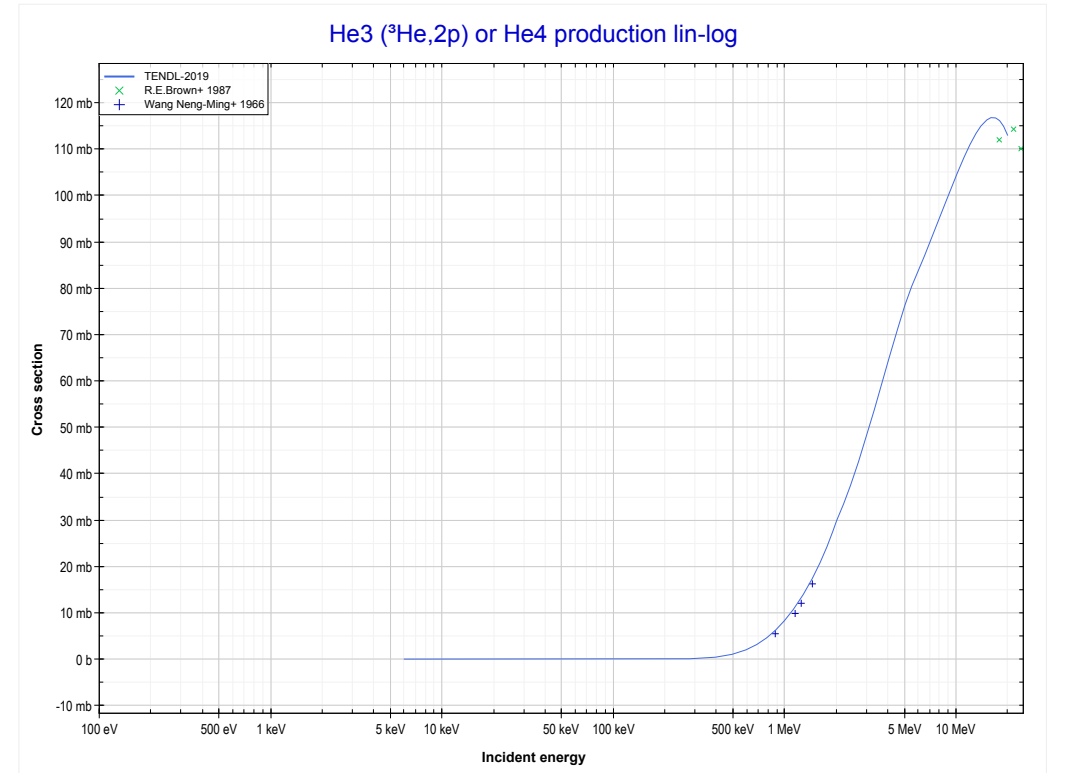
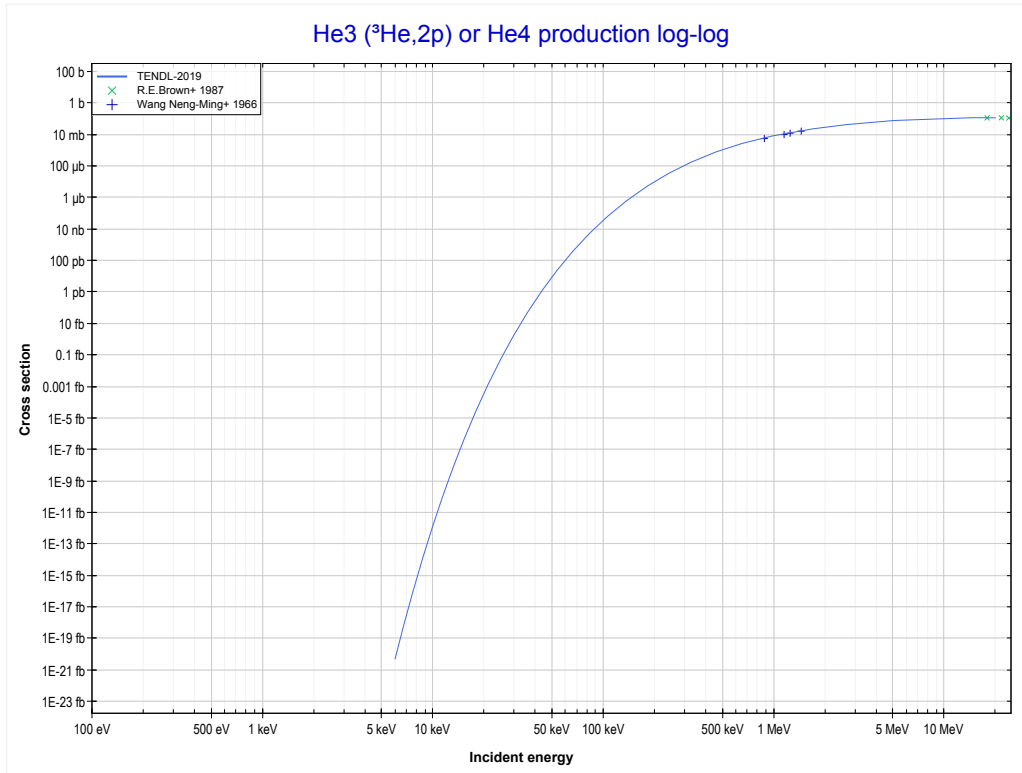
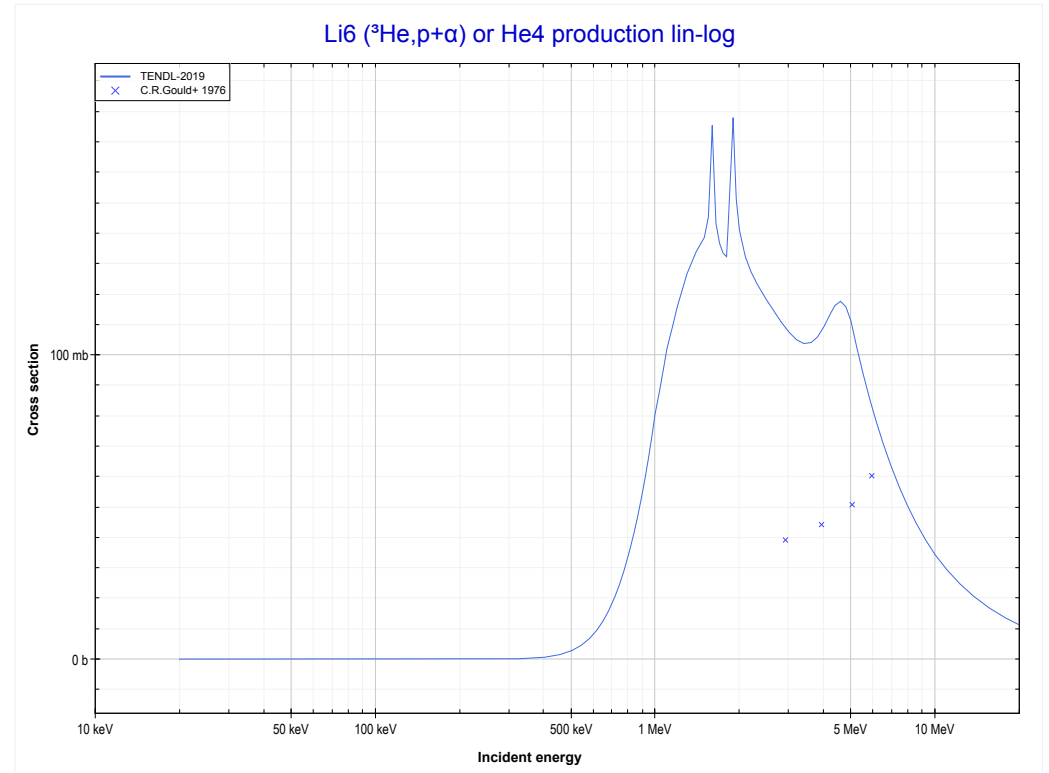
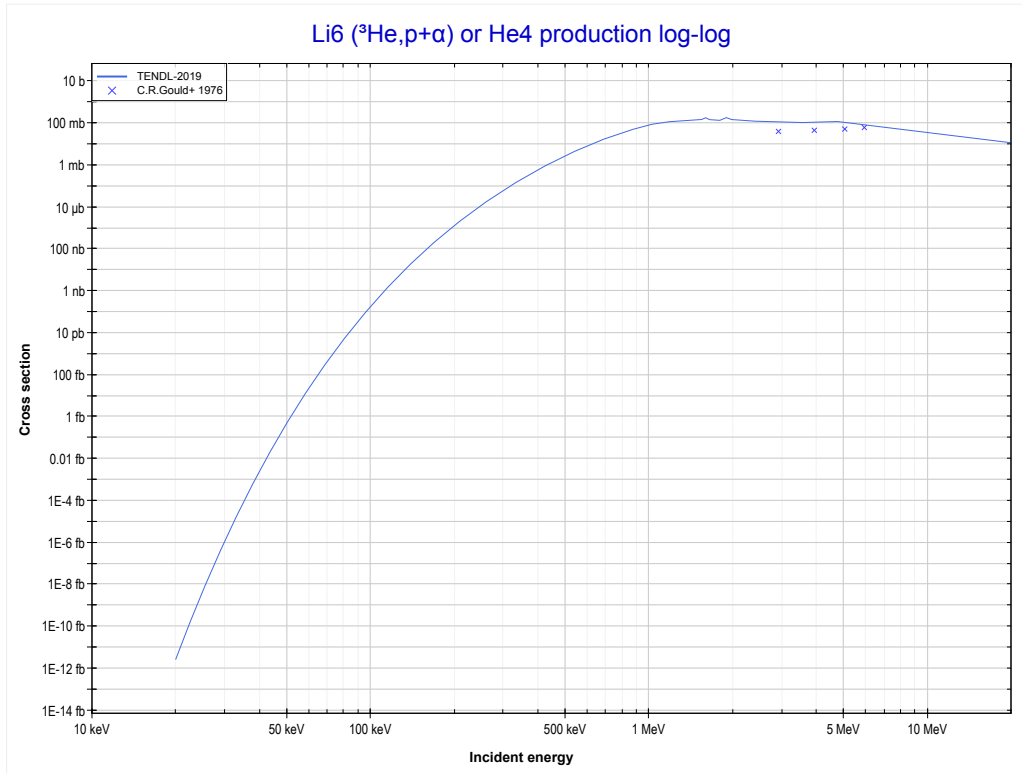


	2-He-3	12-Mg-26 >>
	MT111 (³He,2p) or MT5 (He4 production)	3-Li-6 MT112 (³ He,p+α) >>



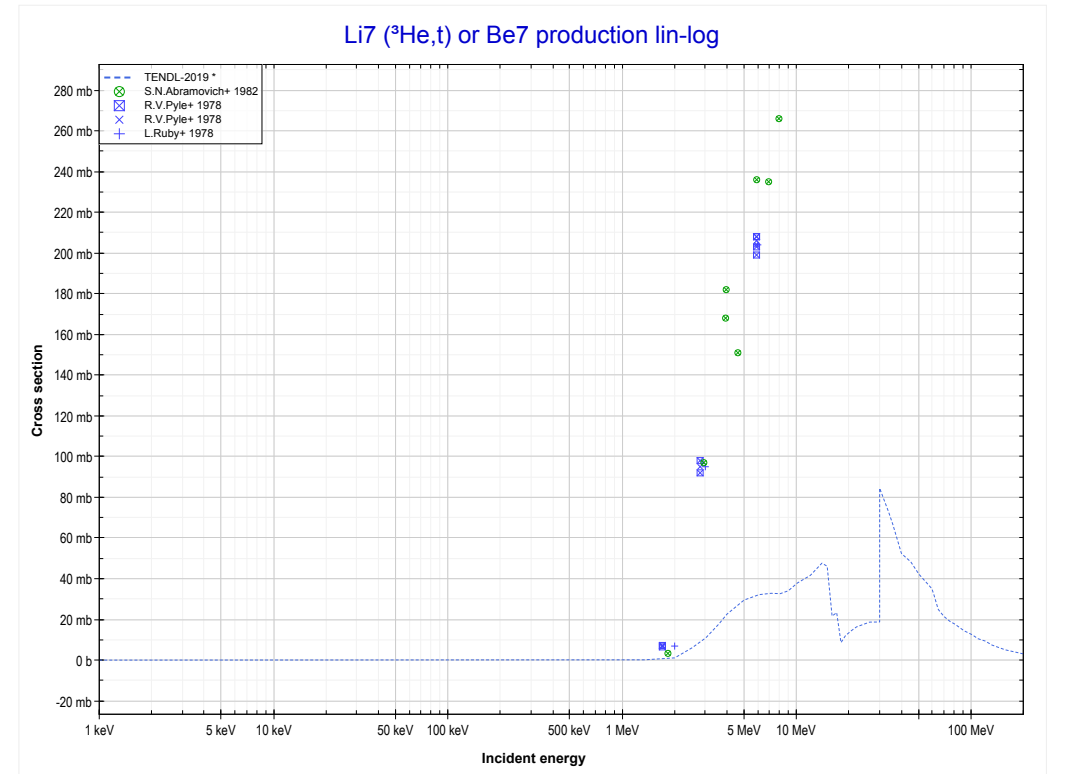
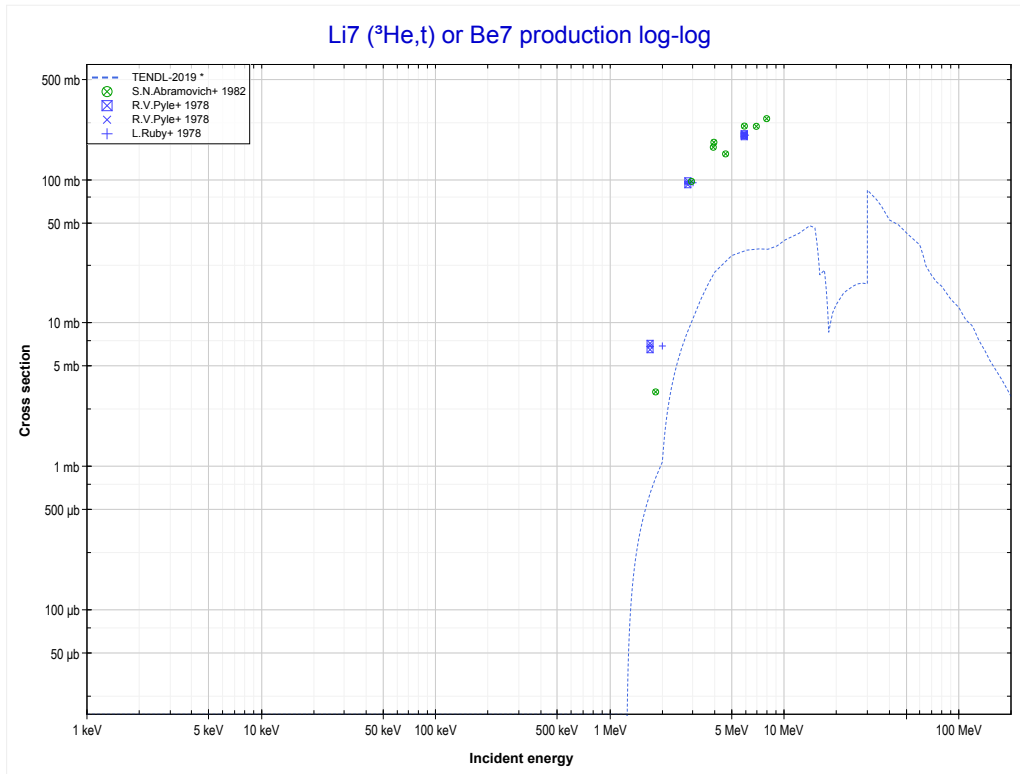
Reaction	Q-Value
He3(He3,2p)He4	12859.58 keV

	3-Li-6	44-Ru-101 >>
<< 2-He-3 MT111 (³ He,2p)	MT112 (³He,p+α) or MT5 (He4 production)	3-Li-7 MT105 (³ He,t) >>



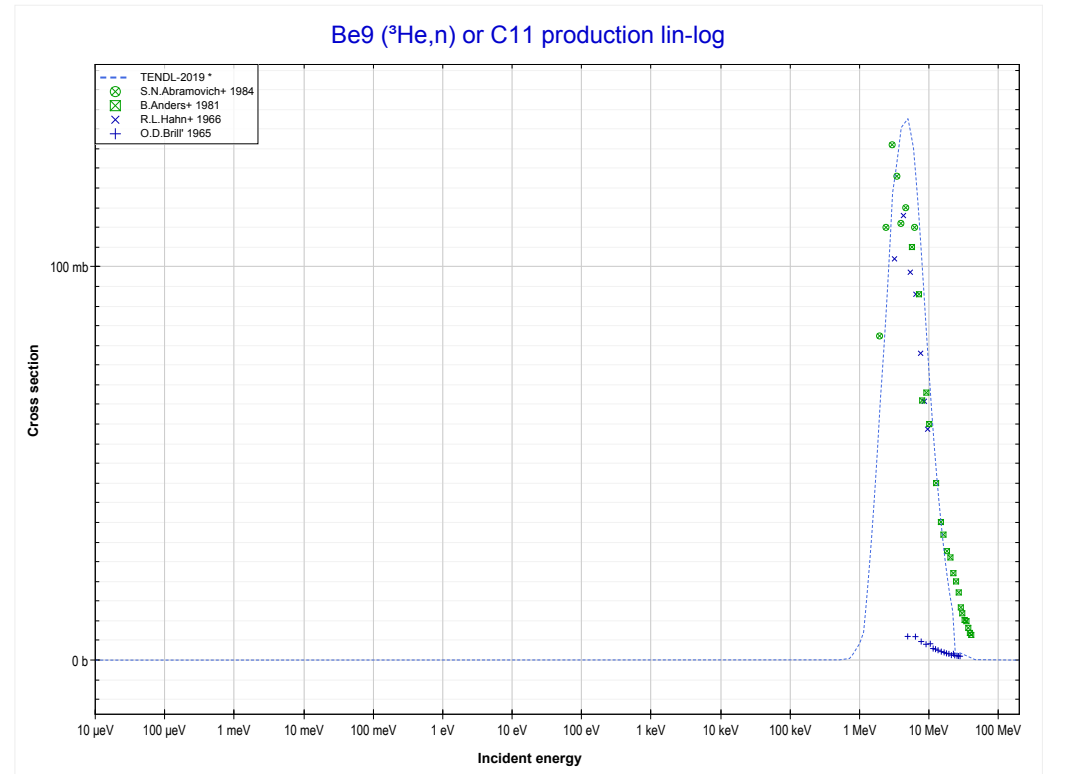
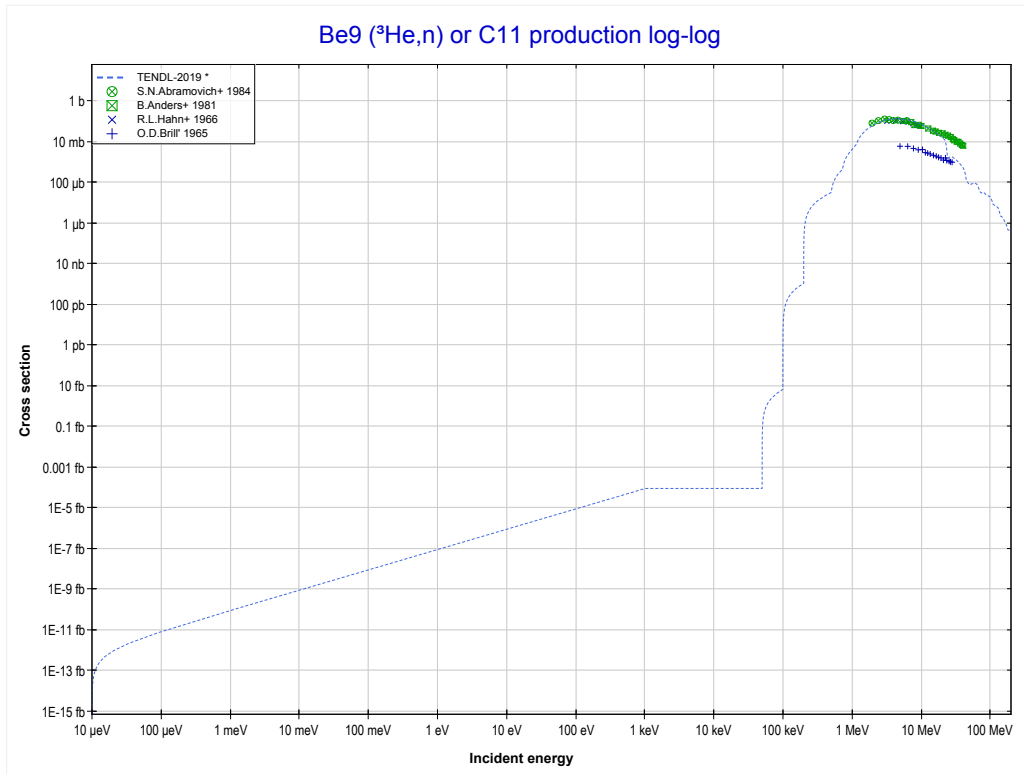
Reaction	Q-Value
Li6(He3,p+α)He4	16879.30 keV
Li6(He3,d+He3)He4	-1473.76 keV
Li6(He3,2p+t)He4	-2934.57 keV
Li6(He3,n+p+He3)He4	-3698.32 keV
Li6(He3,p+2d)He4	-6967.23 keV
Li6(He3,n+2p+d)He4	-9191.80 keV
Li6(He3,2n+3p)He4	-11416.36 keV

	3-Li-7	5-B-10 >>
<< 3-Li-6 MT112 ($^3\text{He},\text{p}+\alpha$)	MT105 ($^3\text{He},\text{t}$) or MT5 (Be7 production)	4-Be-9 MT4 ($^3\text{He},\text{n}$) >>



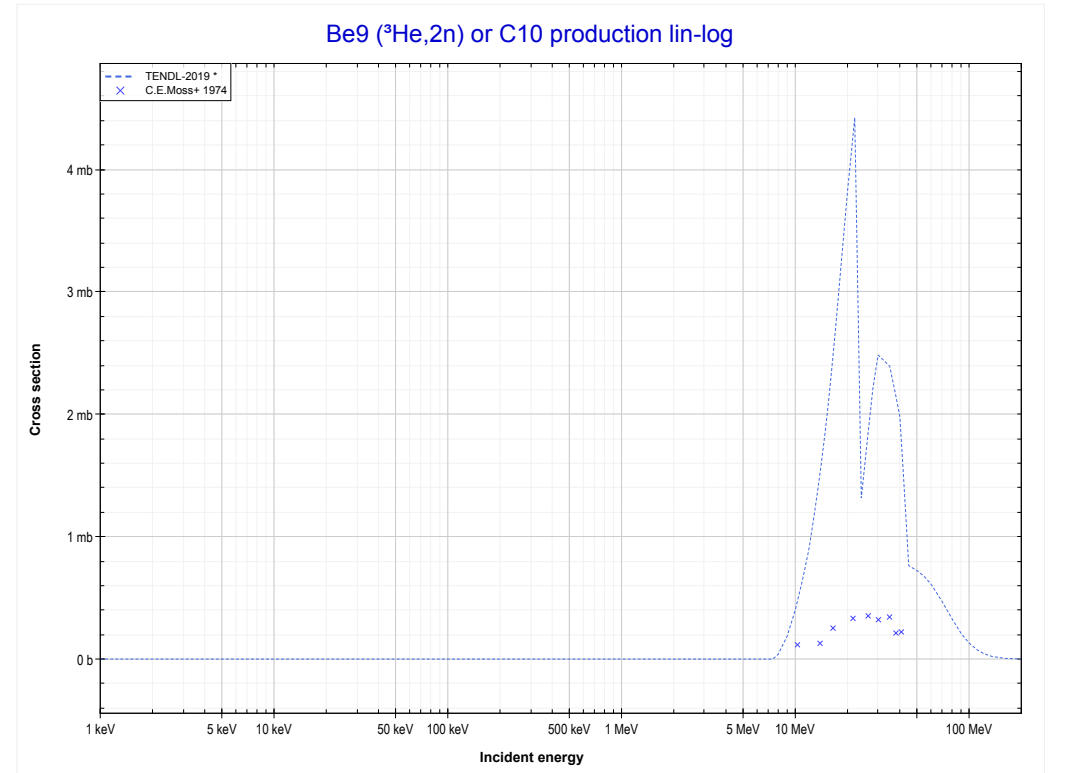
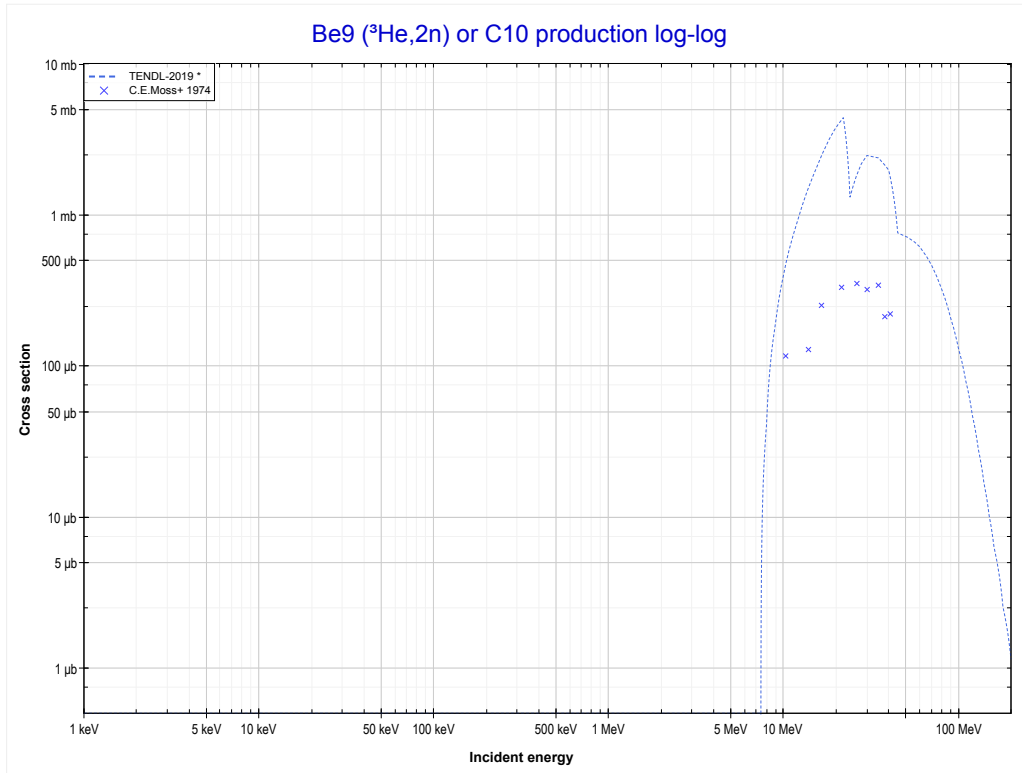
Reaction	Q-Value
Li7(He3,t)Be7	-880.49 keV
Li7(He3,n+d)Be7	-7137.72 keV
Li7(He3,2n+p)Be7	-9362.28 keV

	4-Be-9	5-B-10 >>
<< 3-Li-7 MT105 (³ He,t)	MT4 (³He,n) or MT5 (C11 production)	MT16 (³ He,2n) >>



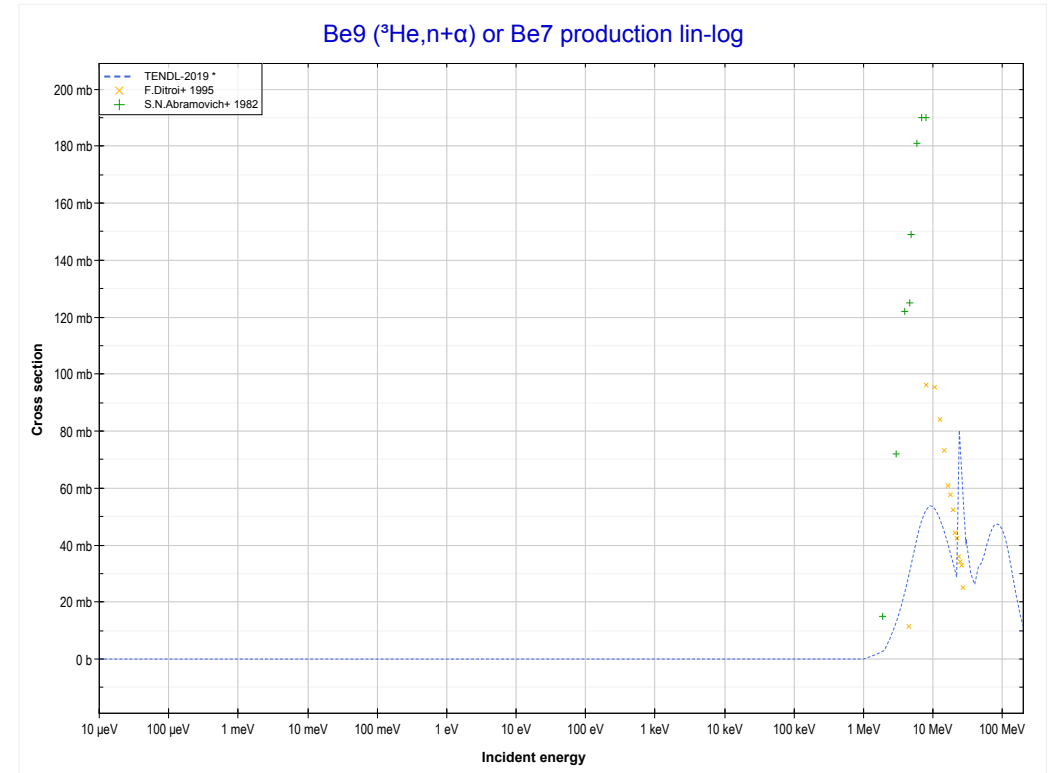
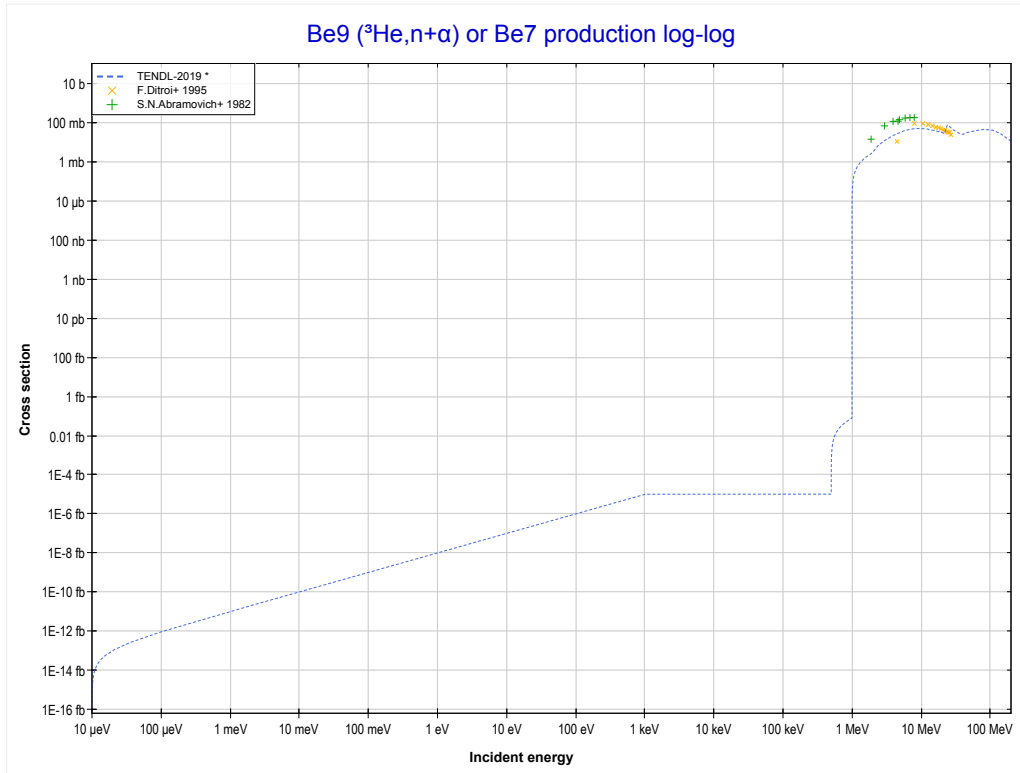
Reaction	Q-Value
Be9(He3,n)C11	7558.95 keV

	4-Be-9	12-Mg-24 >>
<< MT4 (³ He,n)	MT16 (³He,2n) or MT5 (C10 production)	MT22 (³ He,n+α) >>



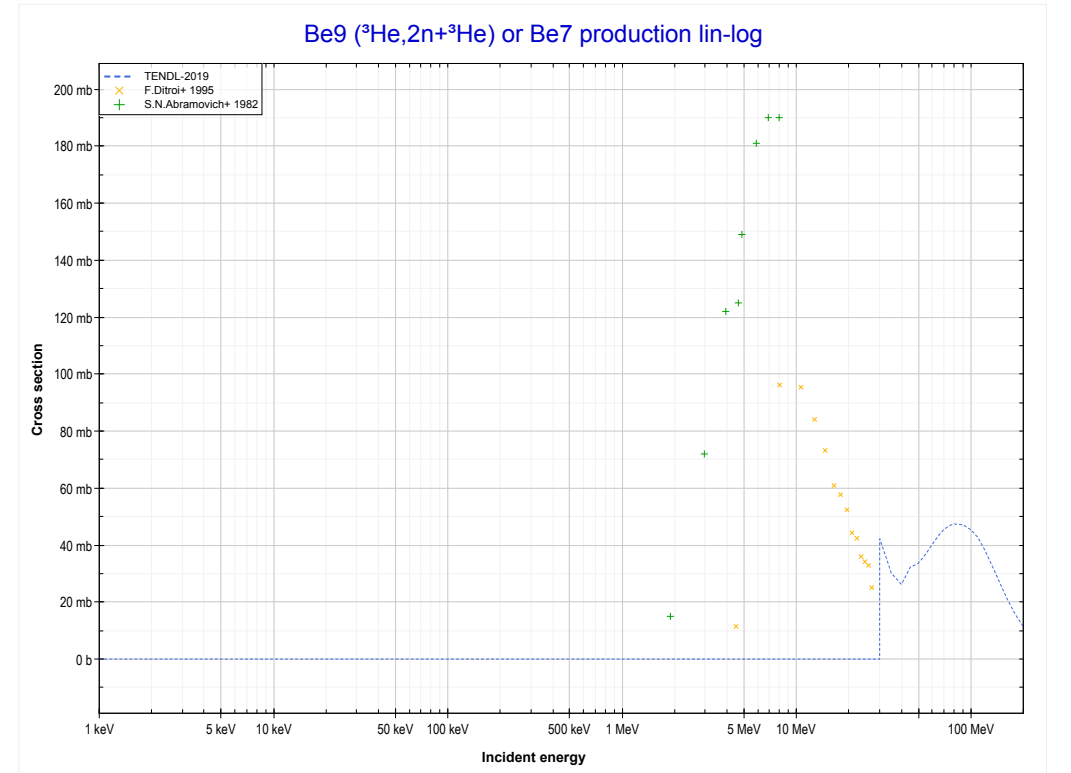
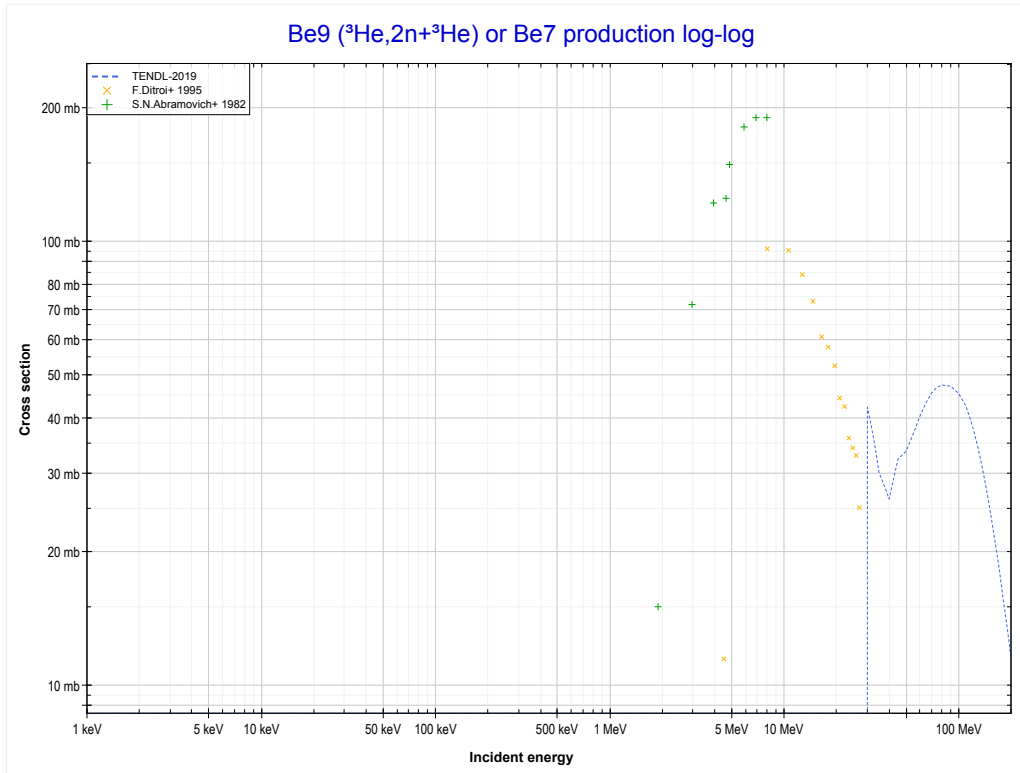
Reaction	Q-Value
Be9(He3,2n)C10	-5561.64 keV

	4-Be-9	6-C-12 >>
<< MT16 (³ He,2n)	MT22 (³He,n+α) or MT5 (Be7 production)	MT176 (³ He,2n+ ³ He) >>



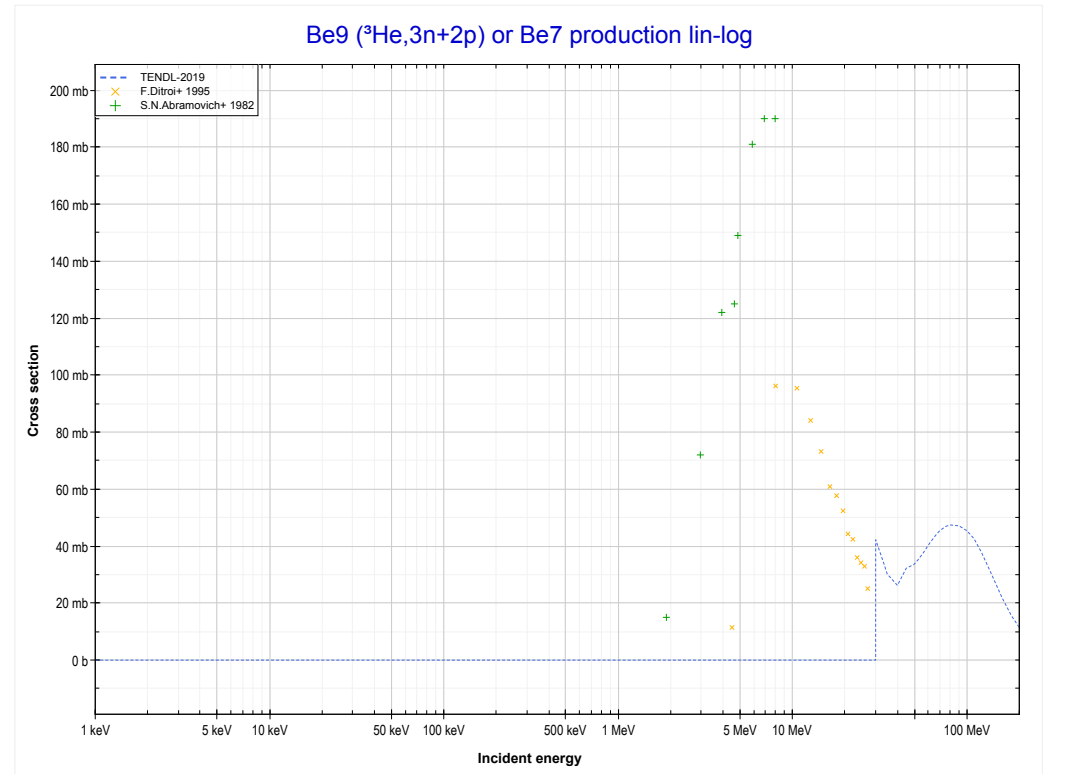
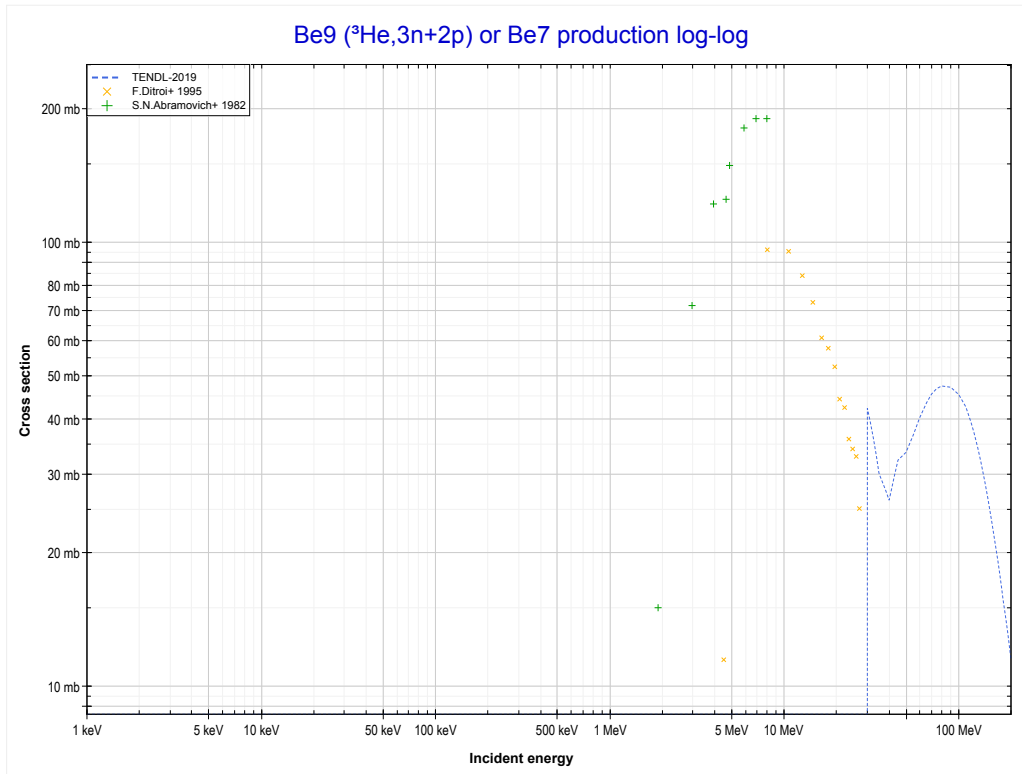
Reaction	Q-Value
Be9(He3,n+α)Be7	14.44 keV
Be9(He3,d+t)Be7	-17574.86 keV
Be9(He3,n+p+t)Be7	-19799.43 keV
Be9(He3,2n+He3)Be7	-20563.18 keV
Be9(He3,n+2d)Be7	-23832.09 keV
Be9(He3,2n+p+d)Be7	-26056.66 keV
Be9(He3,3n+2p)Be7	-28281.22 keV

	4-Be-9	6-C-12 >>
<< MT22 ($^3\text{He},n+\alpha$)	MT176 ($^3\text{He},2n+^3\text{He}$) or MT5 (Be7 production)	MT179 ($^3\text{He},3n+2p$) >>



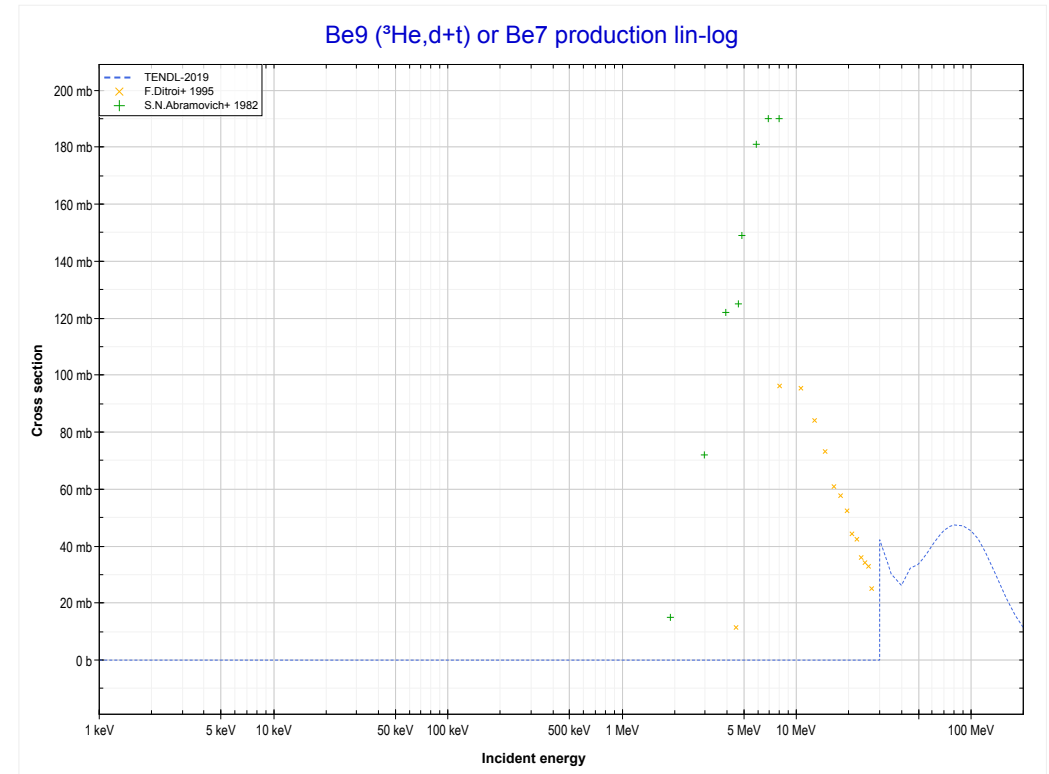
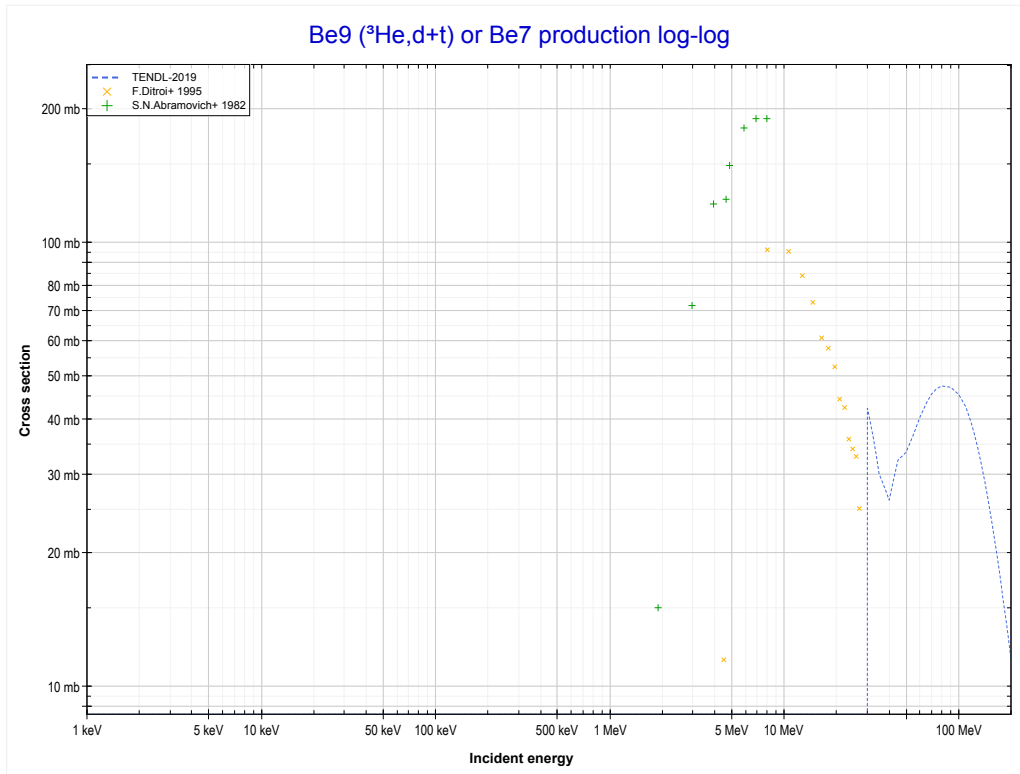
Reaction	Q-Value
Be9(He3,n+α)Be7	14.44 keV
Be9(He3,d+t)Be7	-17574.86 keV
Be9(He3,n+p+t)Be7	-19799.43 keV
Be9(He3,2n+He3)Be7	-20563.18 keV
Be9(He3,n+2d)Be7	-23832.09 keV
Be9(He3,2n+p+d)Be7	-26056.66 keV
Be9(He3,3n+2p)Be7	-28281.22 keV

	4-Be-9	6-C-12 >>
<< MT176 (${}^3\text{He},2n+{}^3\text{He}$)	MT179 (${}^3\text{He},3n+2p$) or MT5 (Be7 production)	MT182 (${}^3\text{He},d+t$) >>



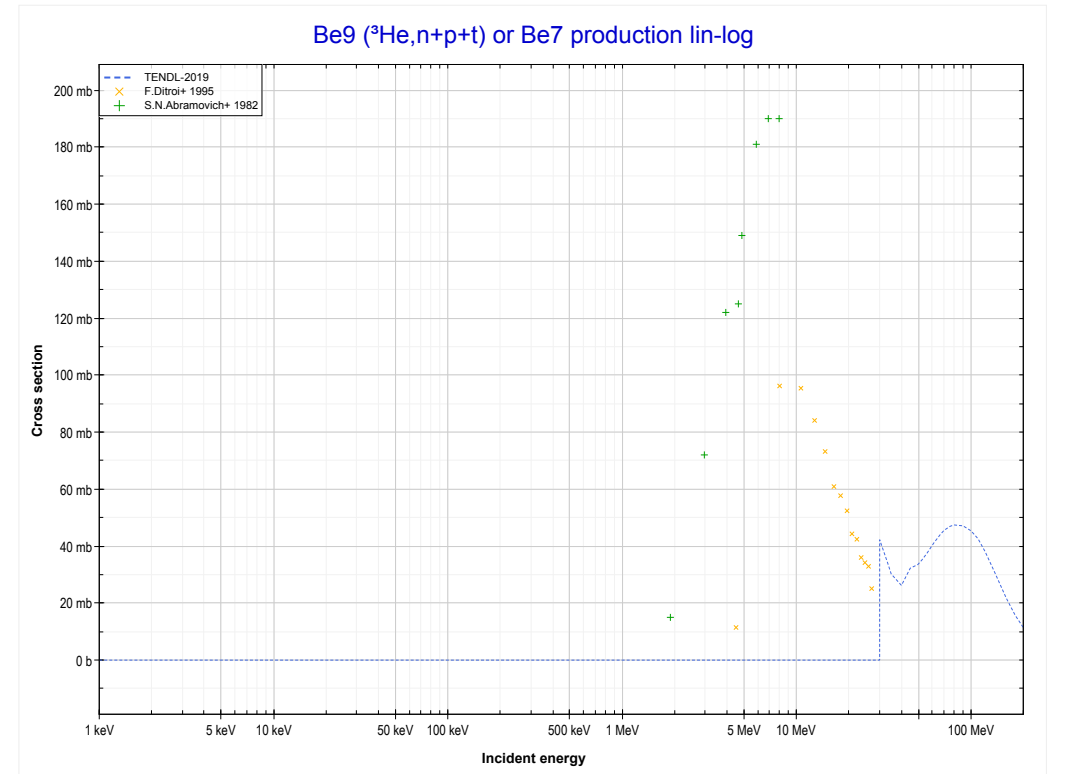
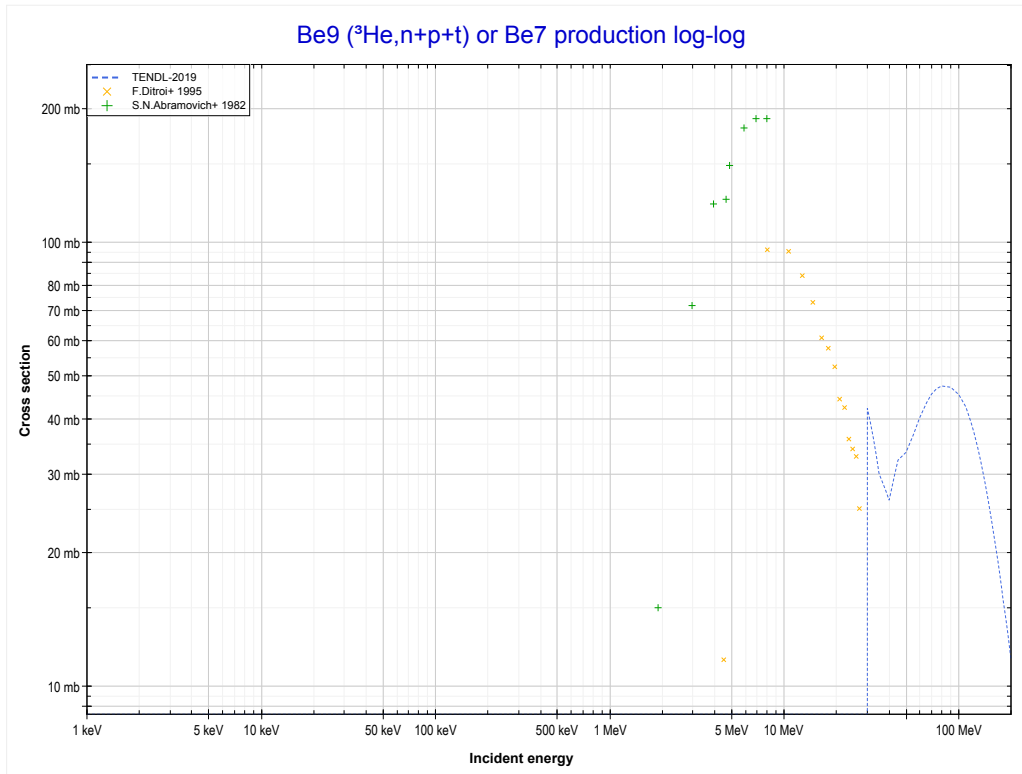
Reaction	Q-Value
Be9(He3,n+α)Be7	14.44 keV
Be9(He3,d+t)Be7	-17574.86 keV
Be9(He3,n+p+t)Be7	-19799.43 keV
Be9(He3,2n+He3)Be7	-20563.18 keV
Be9(He3,n+2d)Be7	-23832.09 keV
Be9(He3,2n+p+d)Be7	-26056.66 keV
Be9(He3,3n+2p)Be7	-28281.22 keV

	4-Be-9	6-C-12 >>
<< MT179 (³ He,3n+2p)	MT182 (³He,d+t) or MT5 (Be7 production)	MT184 (³He,n+p+t) >>



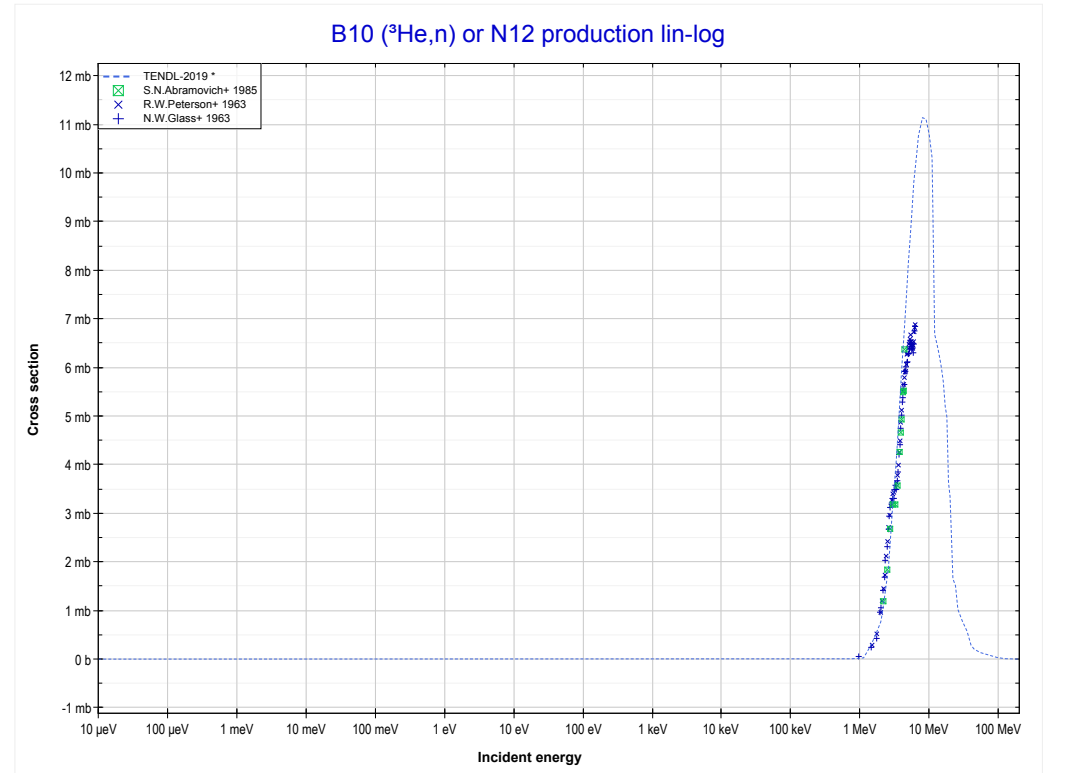
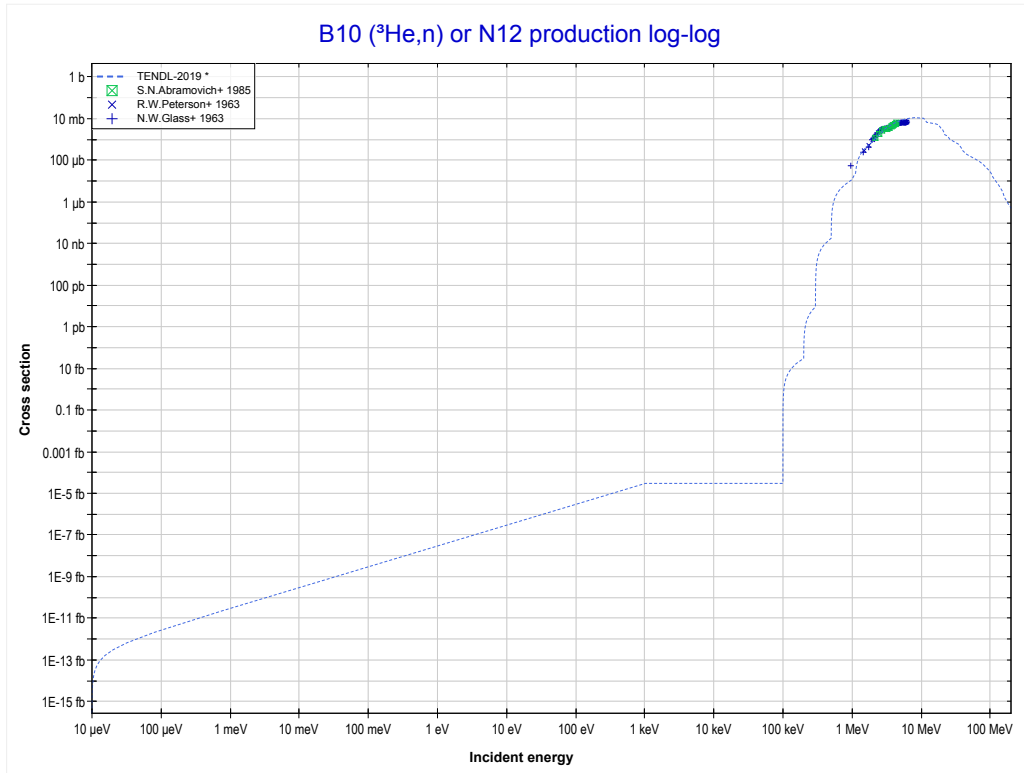
Reaction	Q-Value
Be9(He3,n+α)Be7	14.44 keV
Be9(He3,d+t)Be7	-17574.86 keV
Be9(He3,n+p+t)Be7	-19799.43 keV
Be9(He3,2n+He3)Be7	-20563.18 keV
Be9(He3,n+2d)Be7	-23832.09 keV
Be9(He3,2n+p+d)Be7	-26056.66 keV
Be9(He3,3n+2p)Be7	-28281.22 keV

	4-Be-9	6-C-12 >>
<< MT182 ($^3\text{He},d+t$)	MT184 ($^3\text{He},n+p+t$) or MT5 (Be7 production)	5-B-10 MT4 ($^3\text{He},n$) >>



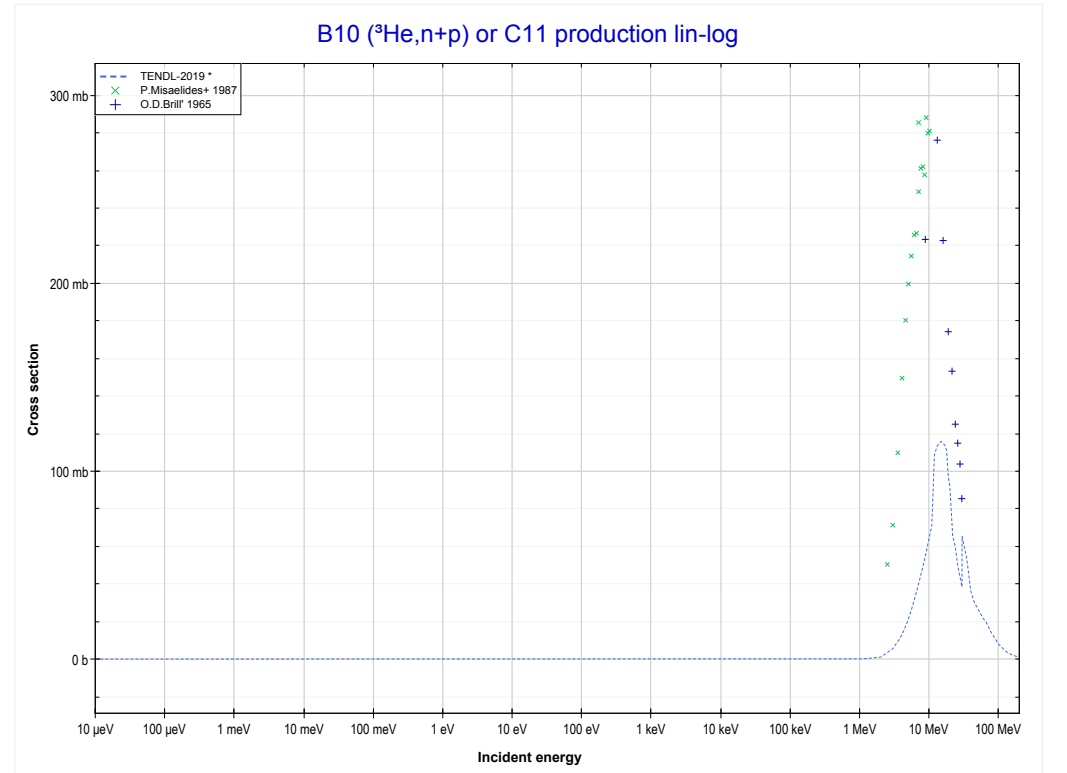
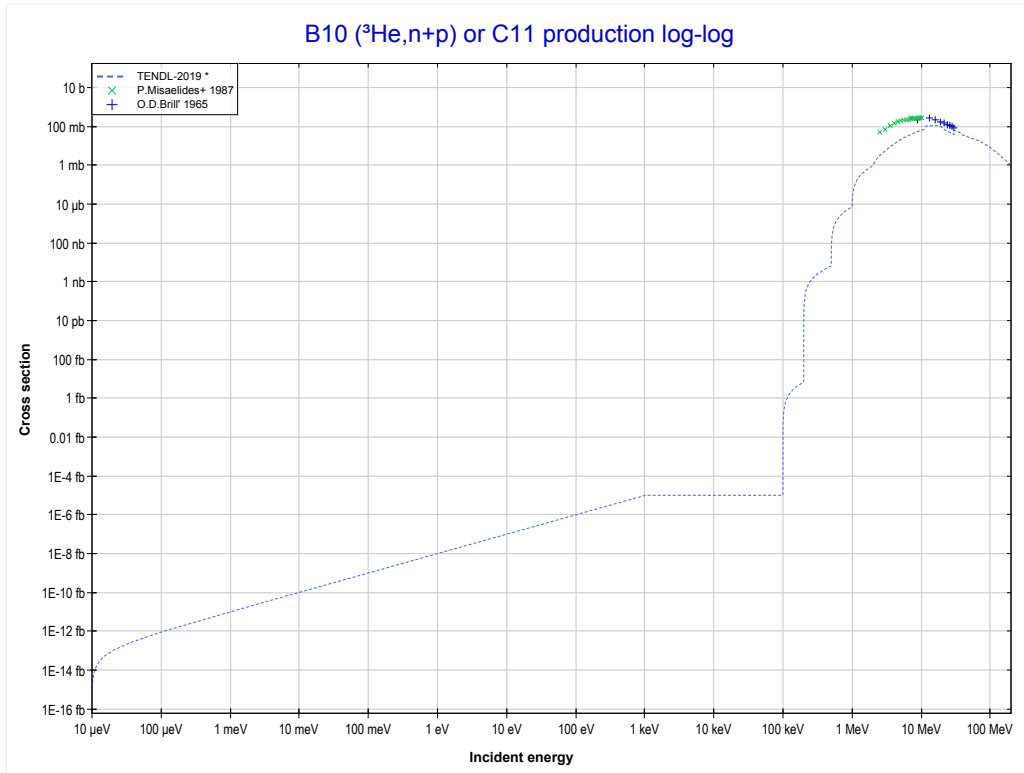
Reaction	Q-Value
Be9(He3,n+α)Be7	14.44 keV
Be9(He3,d+t)Be7	-17574.86 keV
Be9(He3,n+p+t)Be7	-19799.43 keV
Be9(He3,2n+He3)Be7	-20563.18 keV
Be9(He3,n+2d)Be7	-23832.09 keV
Be9(He3,2n+p+d)Be7	-26056.66 keV
Be9(He3,3n+2p)Be7	-28281.22 keV

<< 4-Be-9	5-B-10	6-C-12 >>
<< 4-Be-9 MT184 (³ He,n+p+t)	MT4 (³He,n) or MT5 (N12 production)	MT28 (³ He,n+p) >>



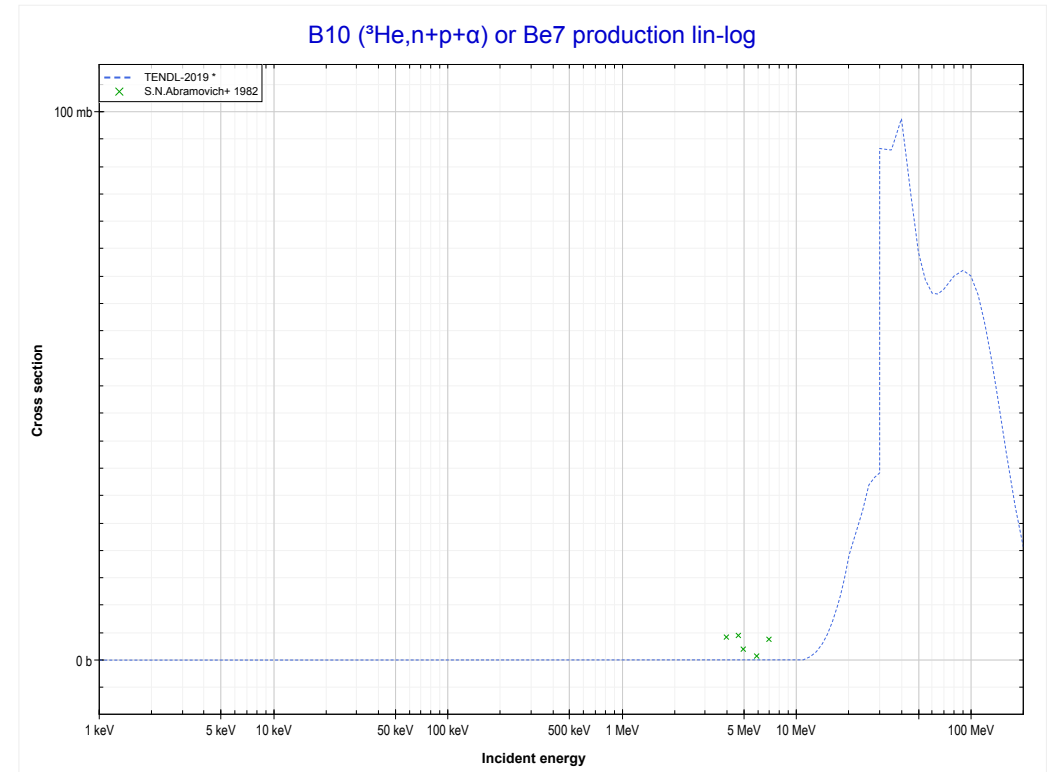
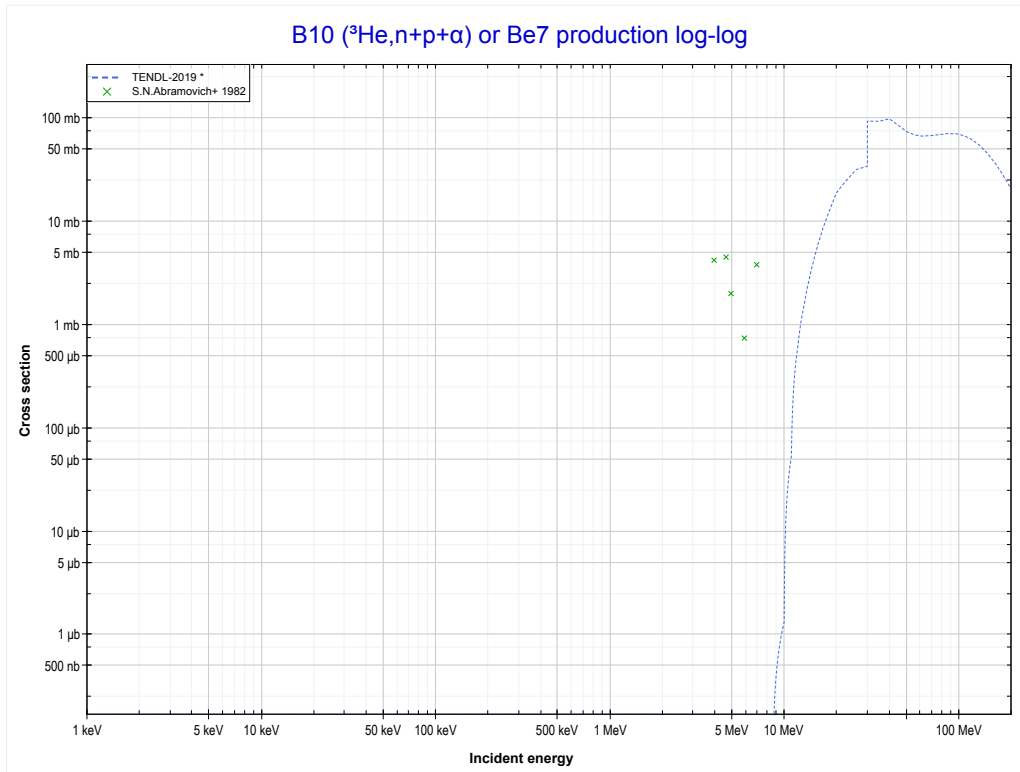
Reaction	Q-Value
B10(He3,n)N12	1572.41 keV

	5-B-10	6-C-12 >>
<< MT4 (³ He,n)	MT28 (³He,n+p) or MT5 (C11 production)	MT45 (³ He,n+p+α) >>



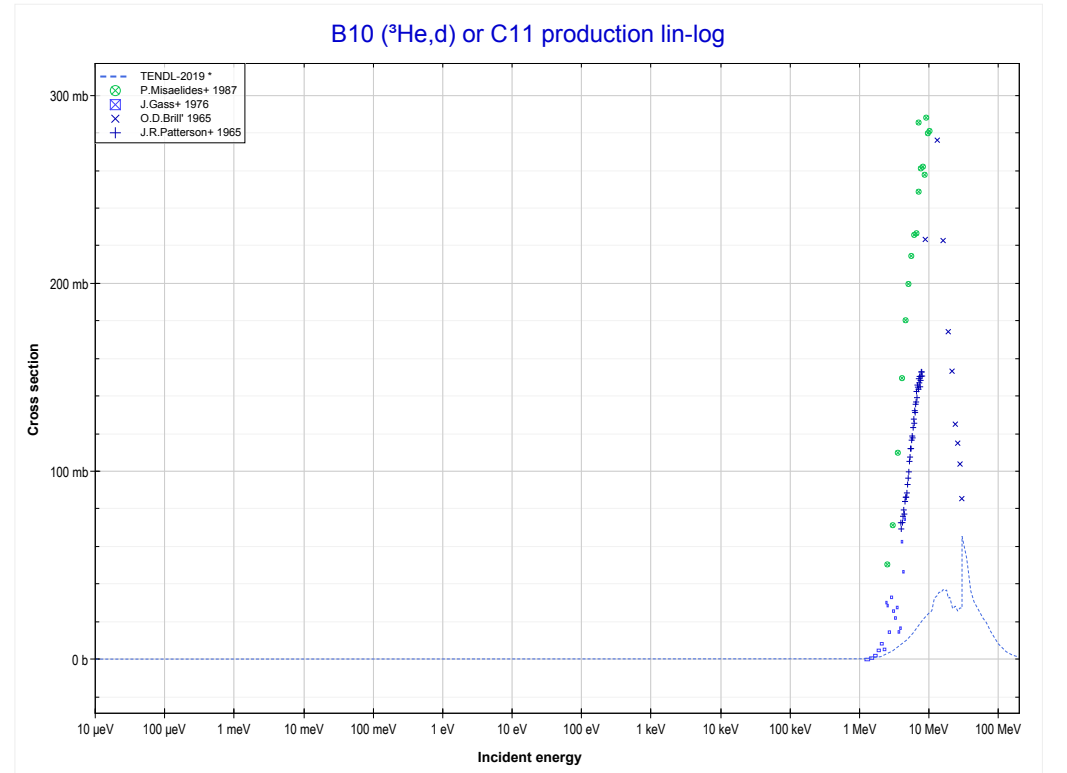
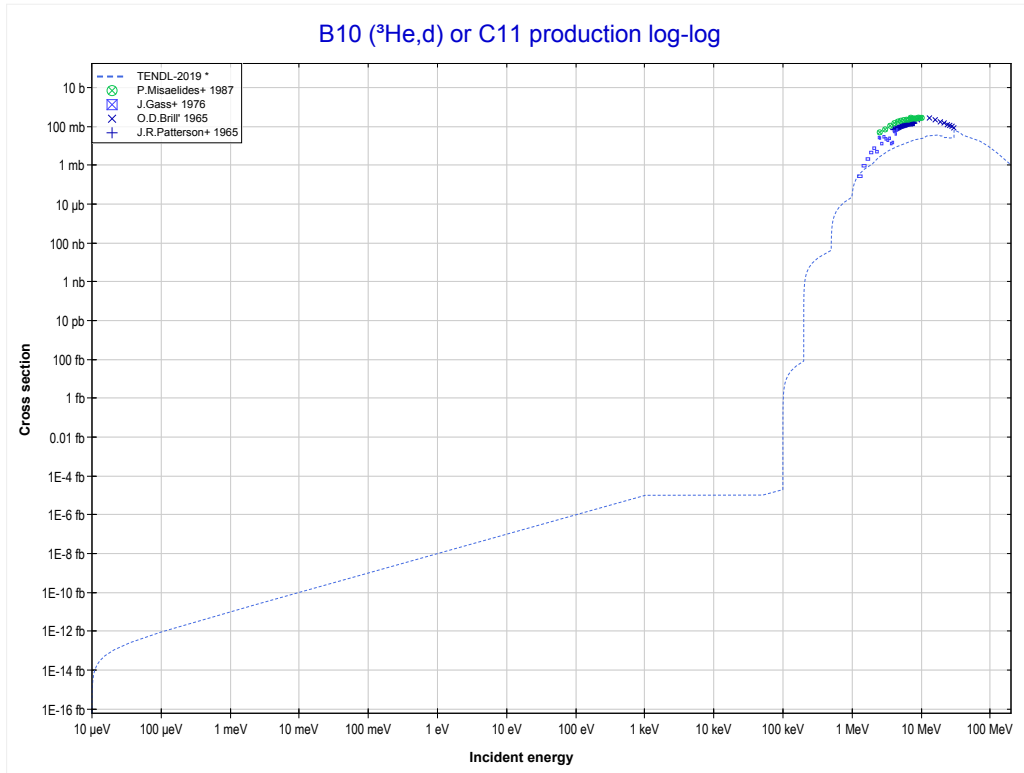
Reaction	Q-Value
B10(He3,d)C11	3196.71 keV
B10(He3,n+p)C11	972.14 keV

5-B-10		
<< MT28 ($^3\text{He},n+p$)	MT45 ($^3\text{He},n+p+\alpha$) or MT5 (Be7 production)	MT104 ($^3\text{He},d$) >>



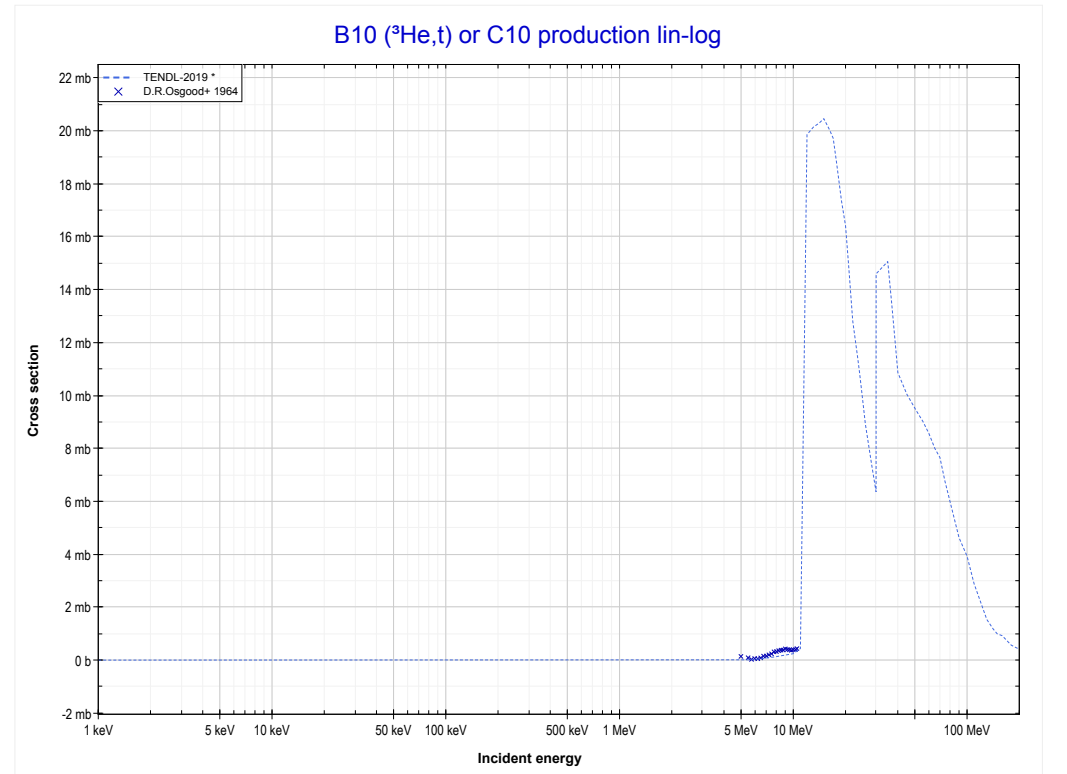
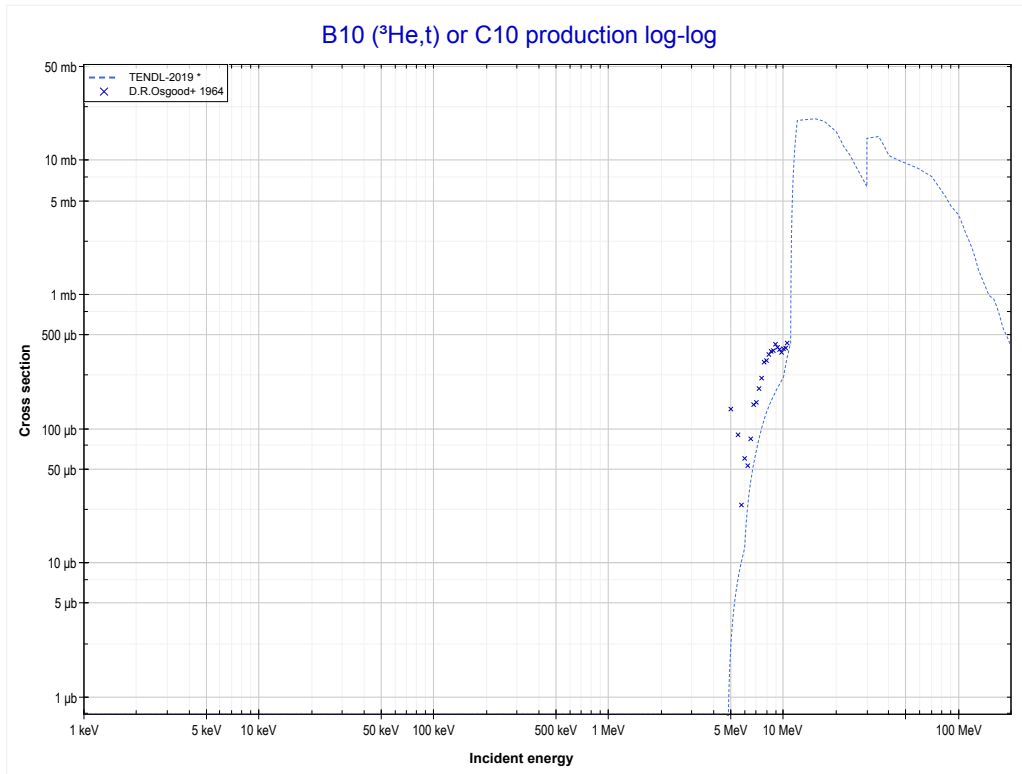
Reaction	Q-Value	Reaction	Q-Value
B10($\text{He}3,d+\alpha$)Be7	-4347.81 keV	B10($\text{He}3,n+p+2d$)Be7	-30418.90 keV
B10($\text{He}3,n+p+\alpha$)Be7	-6572.38 keV	B10($\text{He}3,2n+2p+d$)Be7	-32643.47 keV
B10($\text{He}3,t+\text{He}3$)Be7	-18668.20 keV	B10($\text{He}3,3n+3p$)Be7	-34868.04 keV
B10($\text{He}3,p+d+t$)Be7	-24161.68 keV		
B10($\text{He}3,n+d+\text{He}3$)Be7	-24925.43 keV		
B10($\text{He}3,n+2p+t$)Be7	-26386.24 keV		
B10($\text{He}3,2n+p+\text{He}3$)Be7	-27150.00 keV		
B10($\text{He}3,3d$)Be7	-28194.34 keV		

	5-B-10	6-C-12 >>
<< MT45 ($^3\text{He},n+p+\alpha$)	MT104 ($^3\text{He},d$) or MT5 (C11 production)	MT105 ($^3\text{He},t$) >>



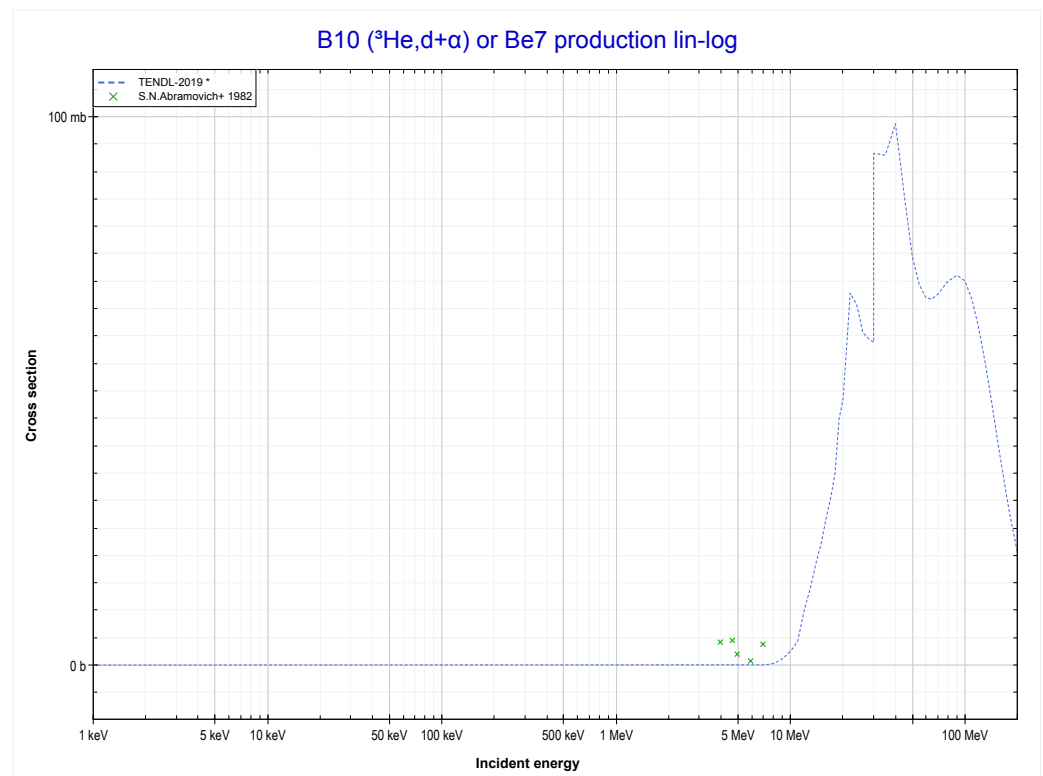
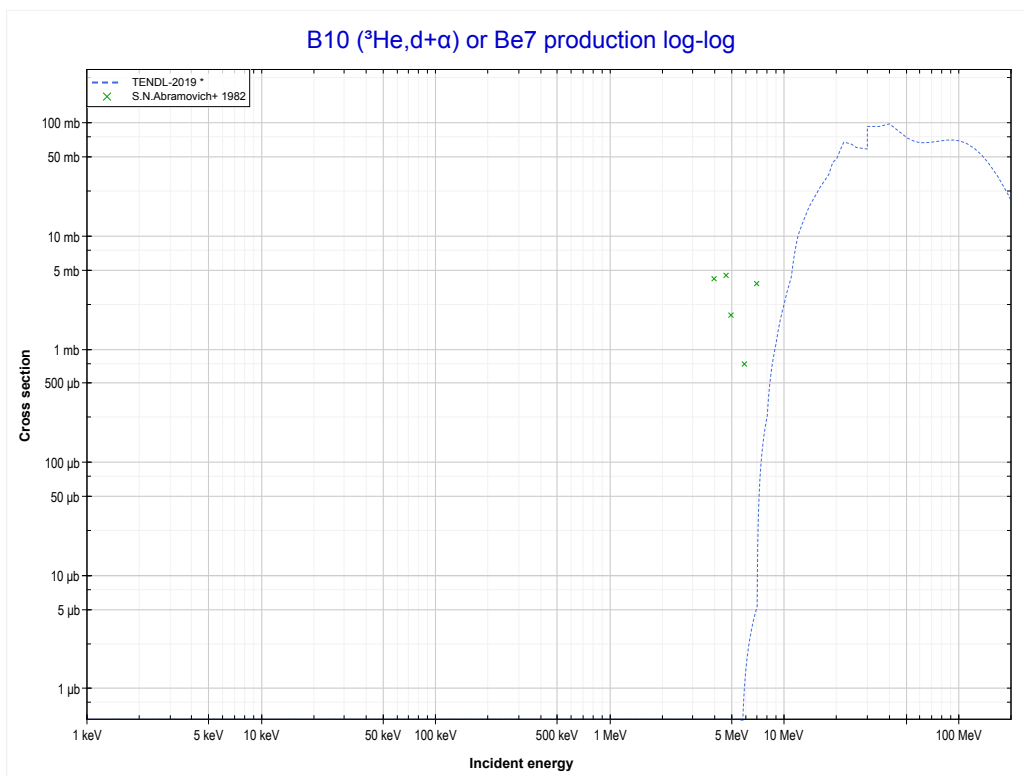
Reaction	Q-Value
B10($\text{He}3,d$)C11	3196.71 keV
B10($\text{He}3,n+p$)C11	972.14 keV

<< 3-Li-7	5-B-10	5-B-11 >>
<< MT104 (³ He,d)	MT105 (³He,t) or MT5 (C10 production)	MT117 (³ He,d+α) >>



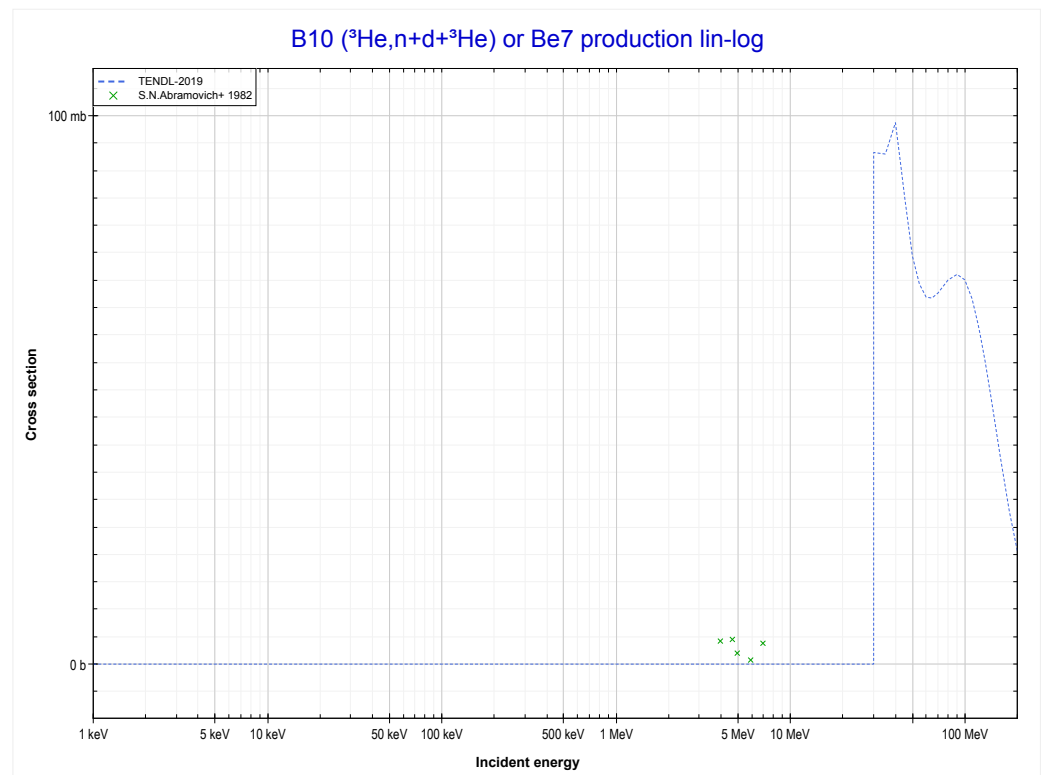
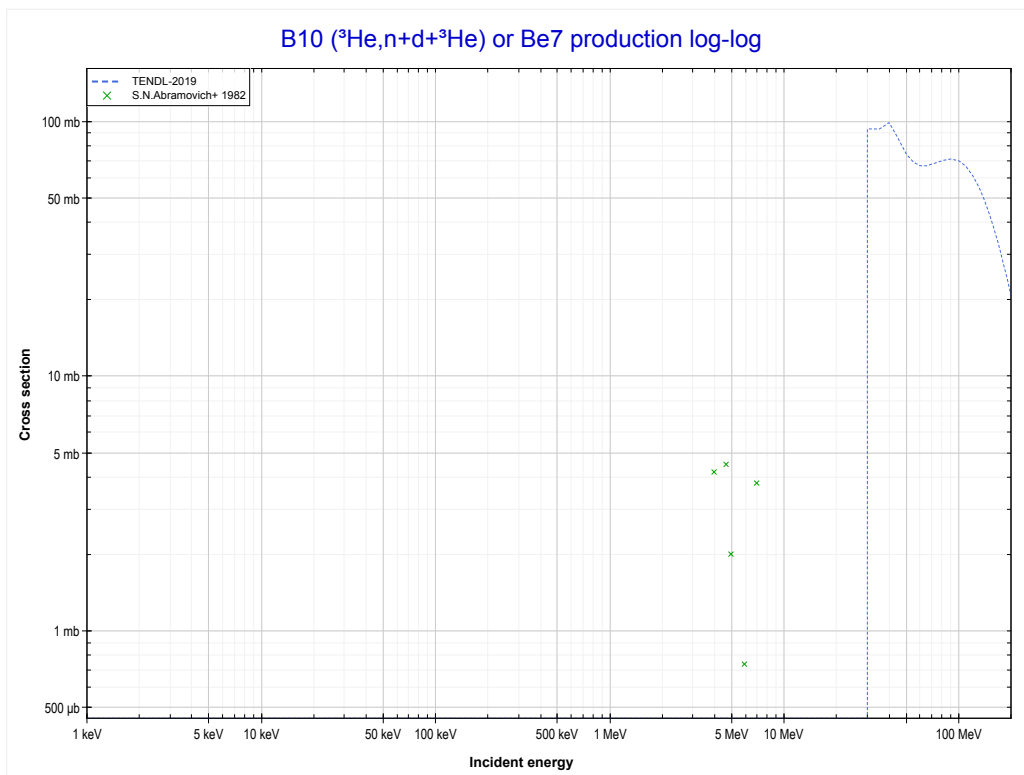
Reaction	Q-Value
B10(He3,t)C10	-3666.65 keV
B10(He3,n+d)C10	-9923.88 keV
B10(He3,2n+p)C10	-12148.45 keV

5-B-10		
<< MT105 (³ He,t)	MT117 (³He,d+α) or MT5 (Be7 production)	MT187 (³ He,n+d+ ³ He) >>



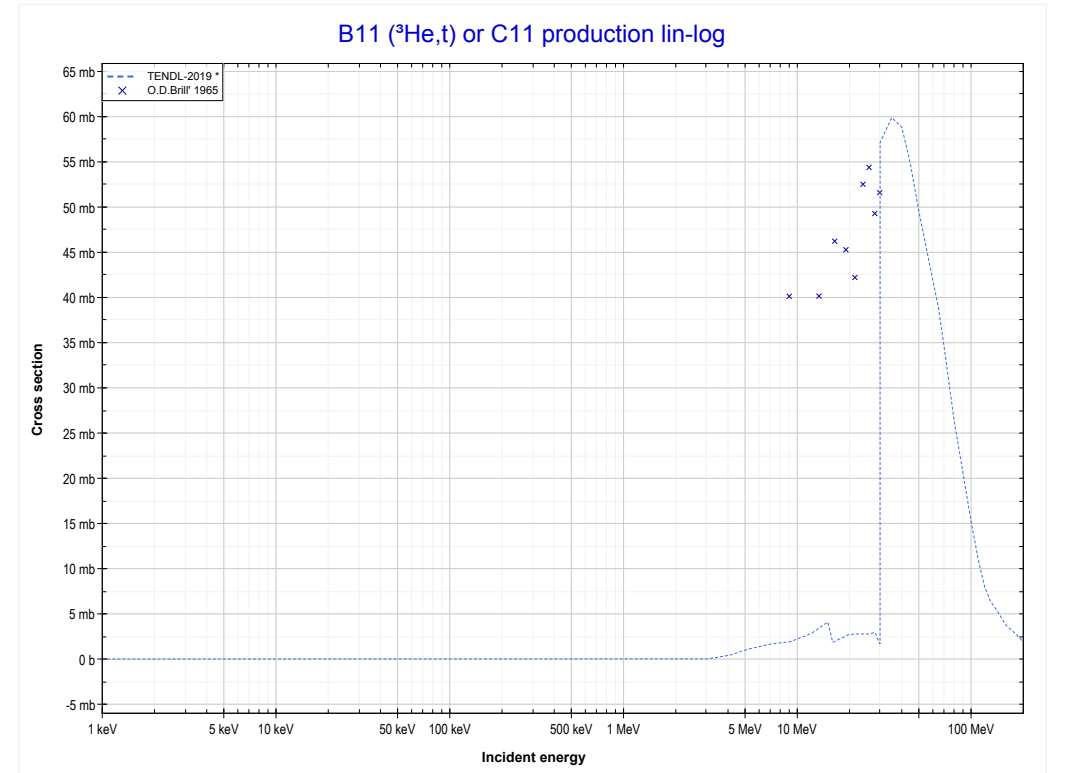
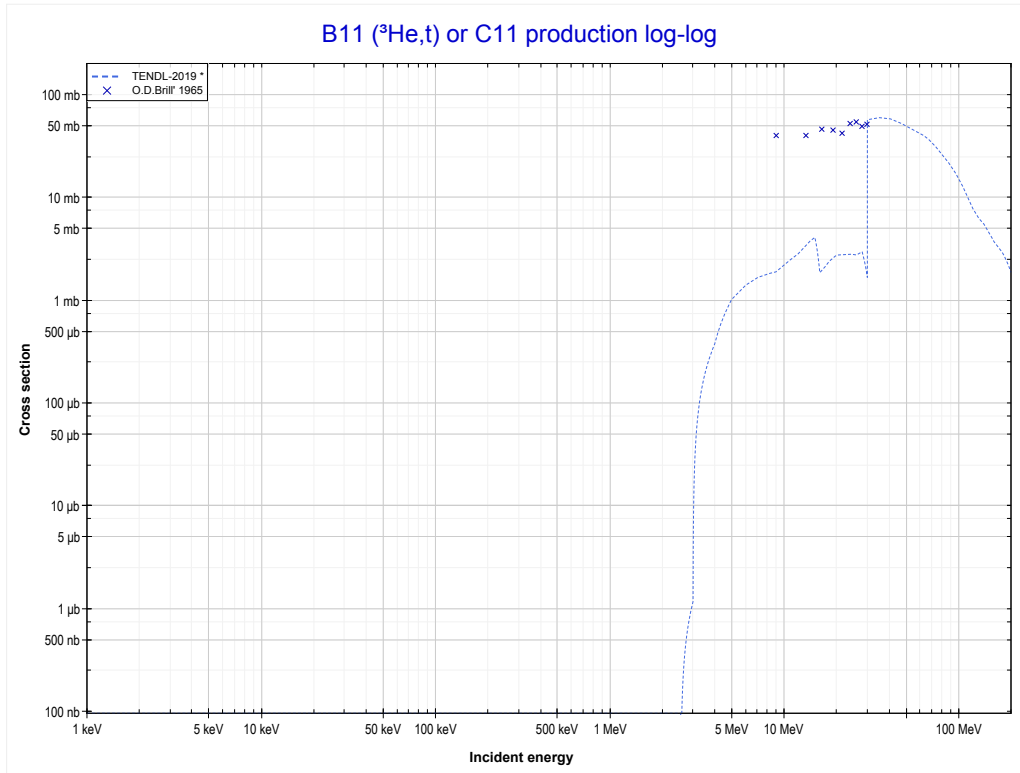
Reaction	Q-Value	Reaction	Q-Value
B10(He3,d+α)Be7	-4347.81 keV	B10(He3,n+p+2d)Be7	-30418.90 keV
B10(He3,n+p+α)Be7	-6572.38 keV	B10(He3,2n+2p+d)Be7	-32643.47 keV
B10(He3,t+He3)Be7	-18668.20 keV	B10(He3,3n+3p)Be7	-34868.04 keV
B10(He3,p+d+t)Be7	-24161.68 keV		
B10(He3,n+d+He3)Be7	-24925.43 keV		
B10(He3,n+2p+t)Be7	-26386.24 keV		
B10(He3,2n+p+He3)Be7	-27150.00 keV		
B10(He3,3d)Be7	-28194.34 keV		

	5-B-10	
<< MT117 ($^3\text{He},d+\alpha$)	MT187 ($^3\text{He},n+d+^3\text{He}$) or MT5 (Be7 production)	5-B-11 MT105 ($^3\text{He},t$) >>



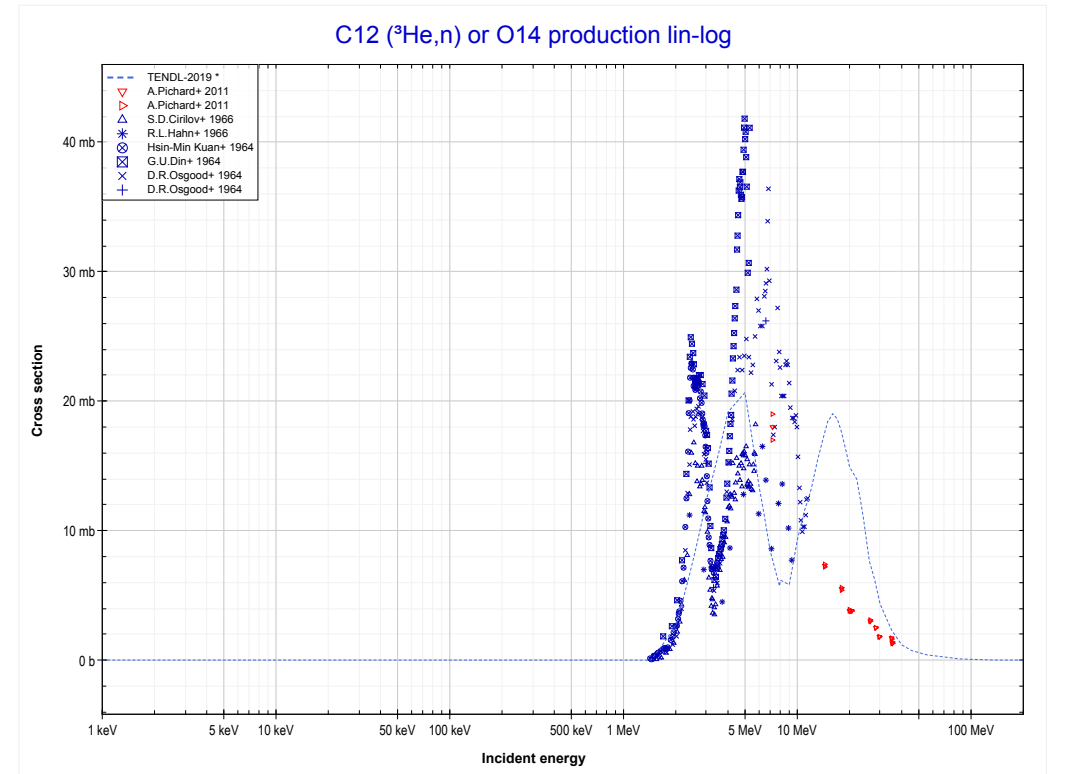
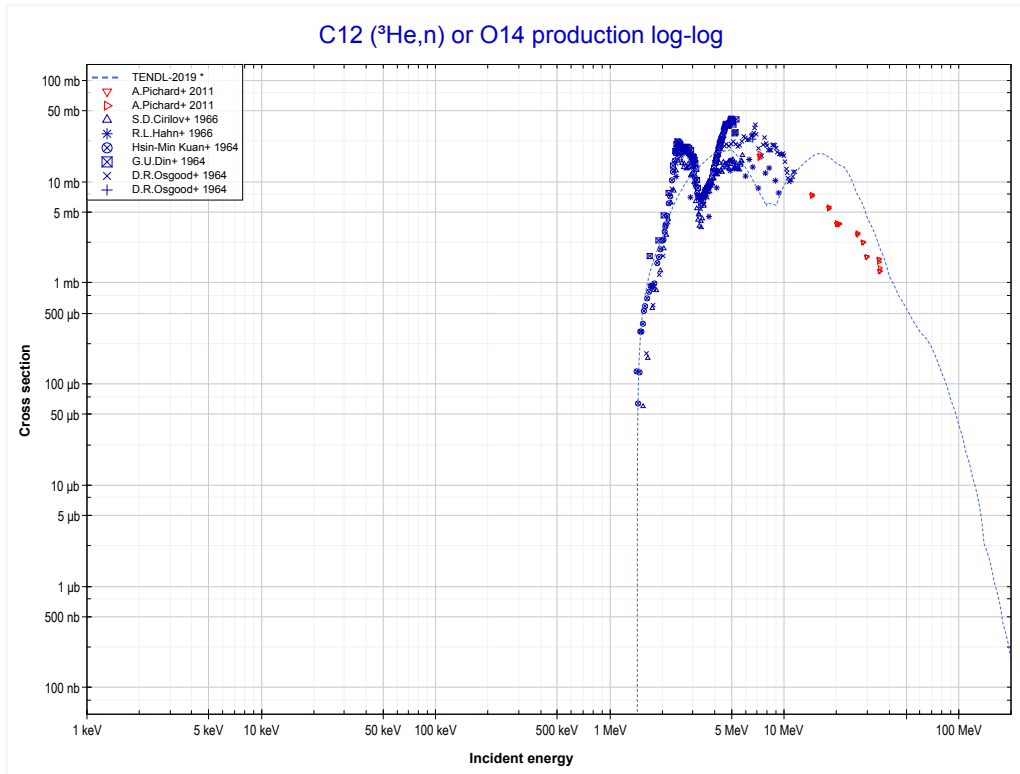
Reaction	Q-Value	Reaction	Q-Value
B10(He3,d+α)Be7	-4347.81 keV	B10(He3,n+p+2d)Be7	-30418.90 keV
B10(He3,n+p+α)Be7	-6572.38 keV	B10(He3,2n+2p+d)Be7	-32643.47 keV
B10(He3,t+He3)Be7	-18668.20 keV	B10(He3,3n+3p)Be7	-34868.04 keV
B10(He3,p+d+t)Be7	-24161.68 keV		
B10(He3,n+d+He3)Be7	-24925.43 keV		
B10(He3,n+2p+t)Be7	-26386.24 keV		
B10(He3,2n+p+He3)Be7	-27150.00 keV		
B10(He3,3d)Be7	-28194.34 keV		

<< 5-B-10	5-B-11	12-Mg-24 >>
<< 5-B-10 MT187 ($^3\text{He},n+d+^3\text{He}$)	MT105 ($^3\text{He},t$) or MT5 (C11 production)	6-C-12 MT4 ($^3\text{He},n$) >>



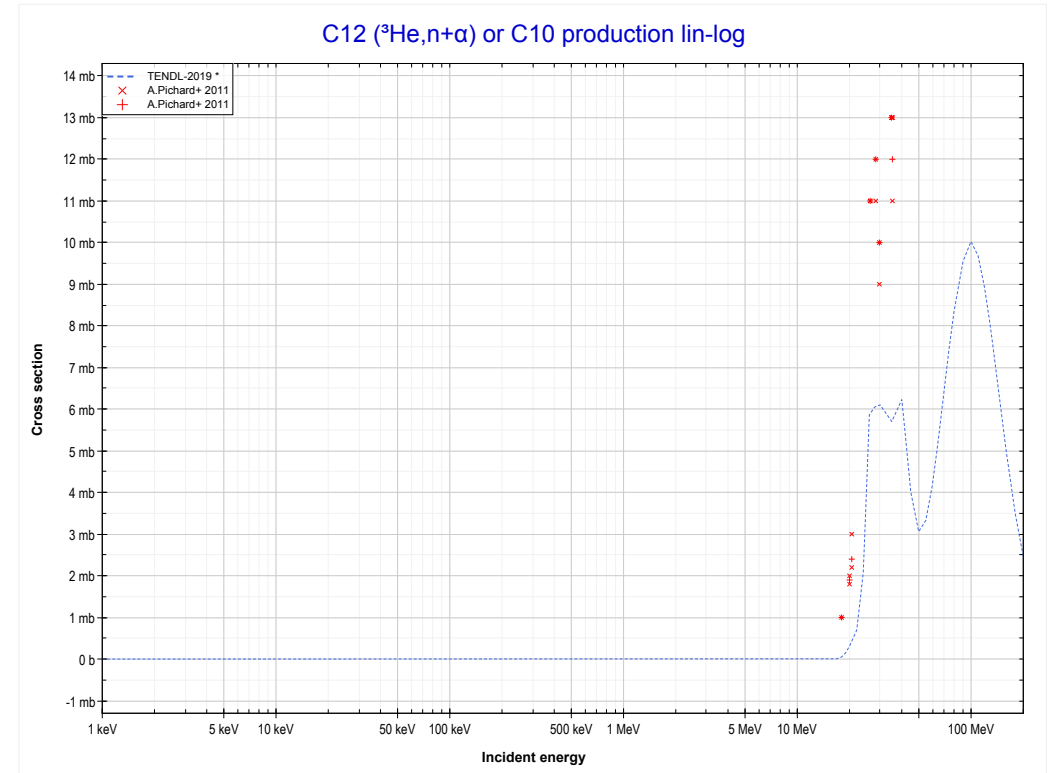
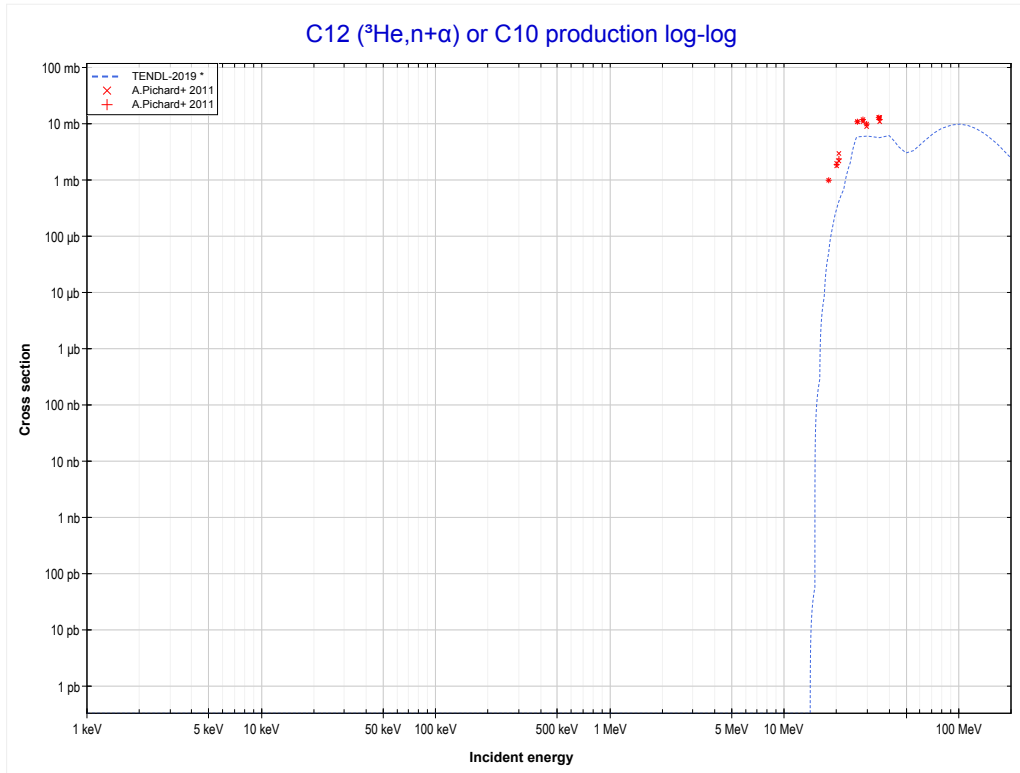
Reaction	Q-Value
B11($\text{He}3,t$)C11	-2000.29 keV
B11($\text{He}3,n+d$)C11	-8257.51 keV
B11($\text{He}3,2n+p$)C11	-10482.08 keV

<< 5-B-10	6-C-12	12-Mg-24 >>
<< 5-B-11 MT105 (³ He,t)	MT4 (³He,n) or MT5 (O14 production)	MT22 (³ He,n+α) >>



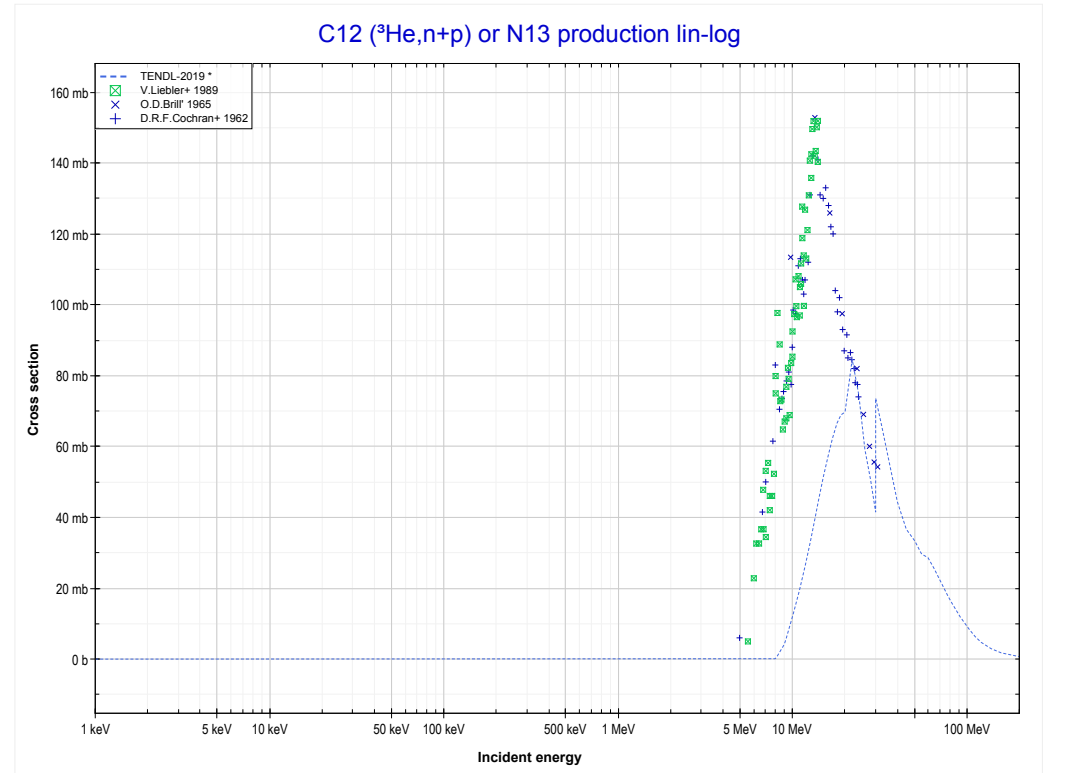
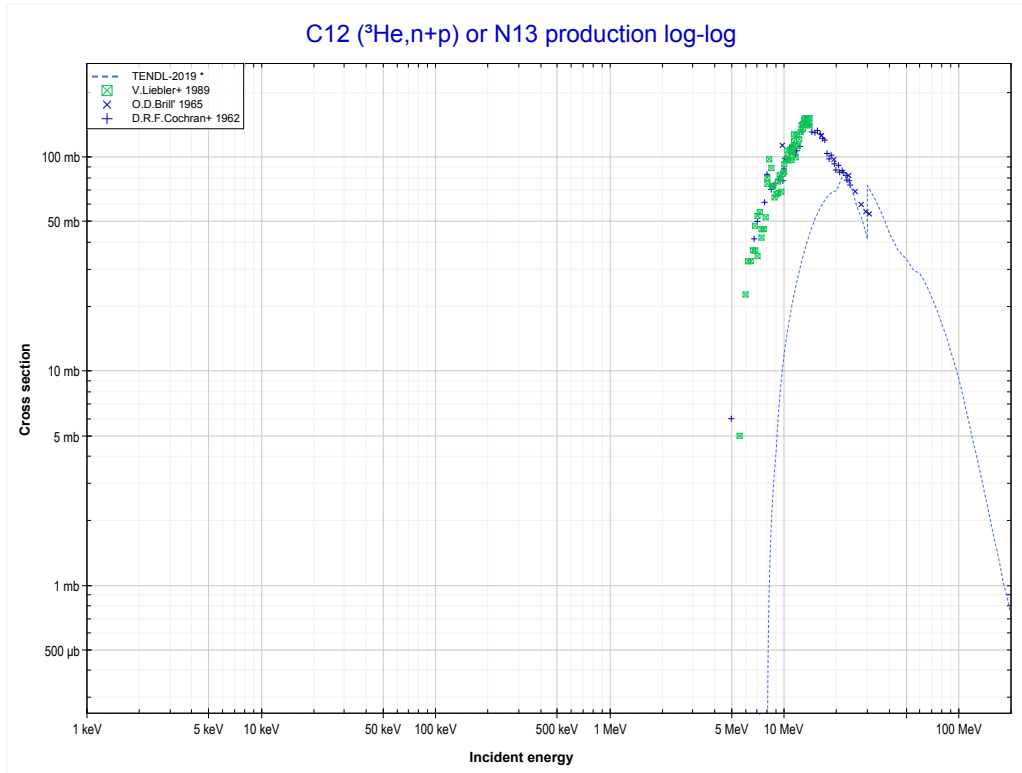
Reaction	Q-Value
C12(He3,n)O14	-1147.88 keV

<< 4-Be-9	6-C-12	9-F-19 >>
<< MT4 (³ He,n)	MT22 (³He,n+α) or MT5 (C10 production)	MT28 (³ He,n+p) >>



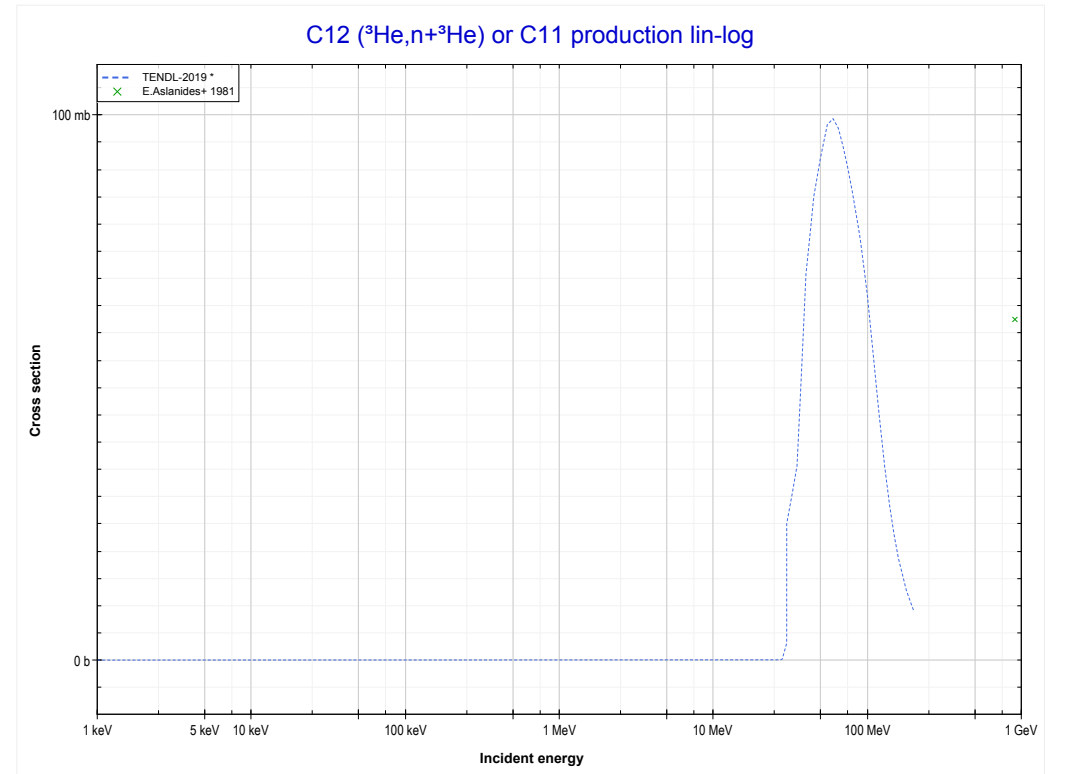
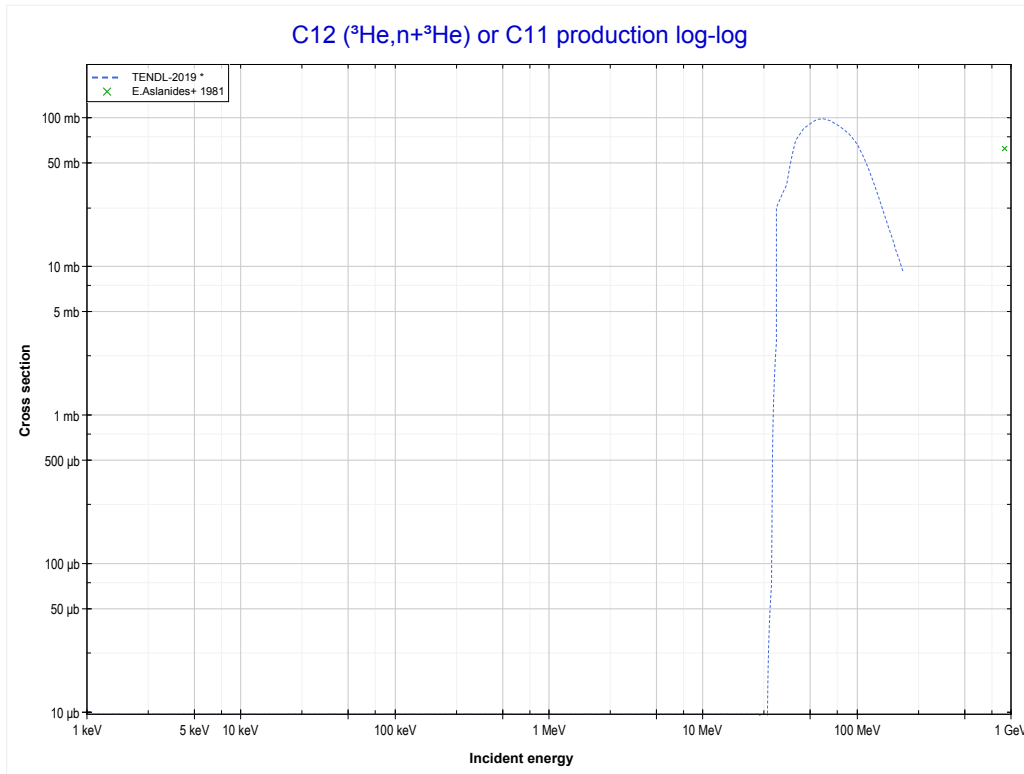
Reaction	Q-Value
C12(He3,n+α)C10	-11263.68 keV
C12(He3,d+t)C10	-28852.98 keV
C12(He3,n+p+t)C10	-31077.55 keV
C12(He3,2n+He3)C10	-31841.30 keV
C12(He3,n+2d)C10	-35110.21 keV
C12(He3,2n+p+d)C10	-37334.78 keV
C12(He3,3n+2p)C10	-39559.34 keV

<< 5-B-10	6-C-12	12-Mg-24 >>
<< MT22 (³ He,n+α)	MT28 (³He,n+p) or MT5 (N13 production)	MT34 (³ He,n+ ³ He) >>



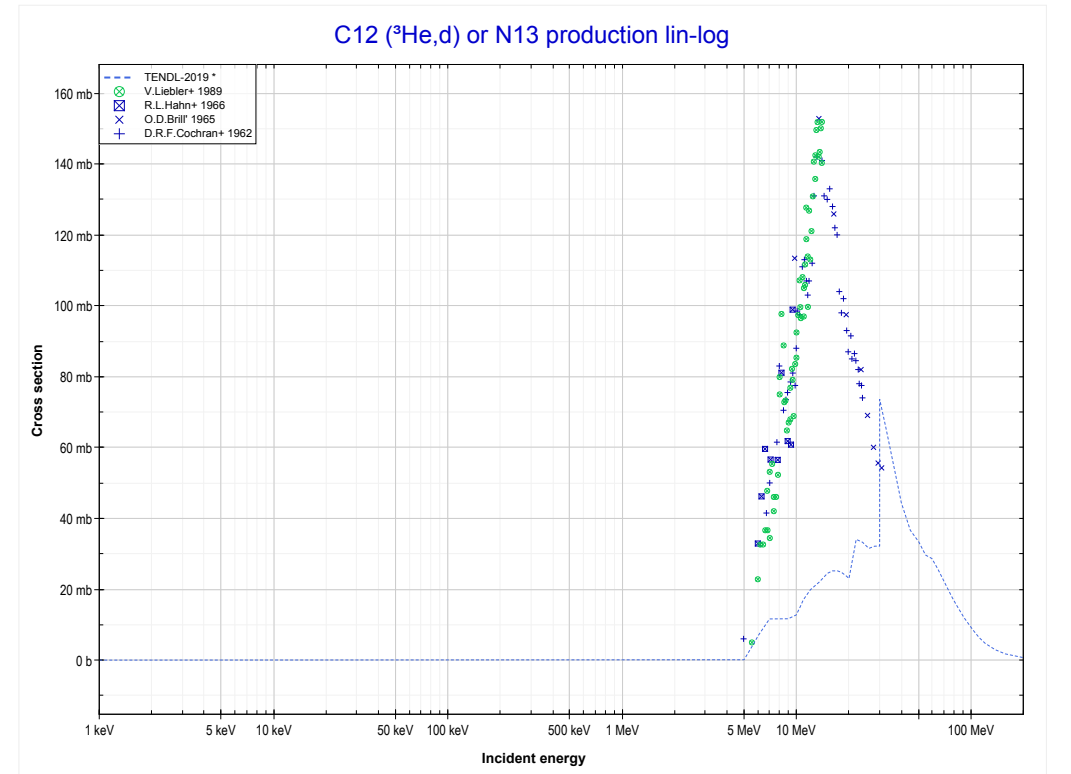
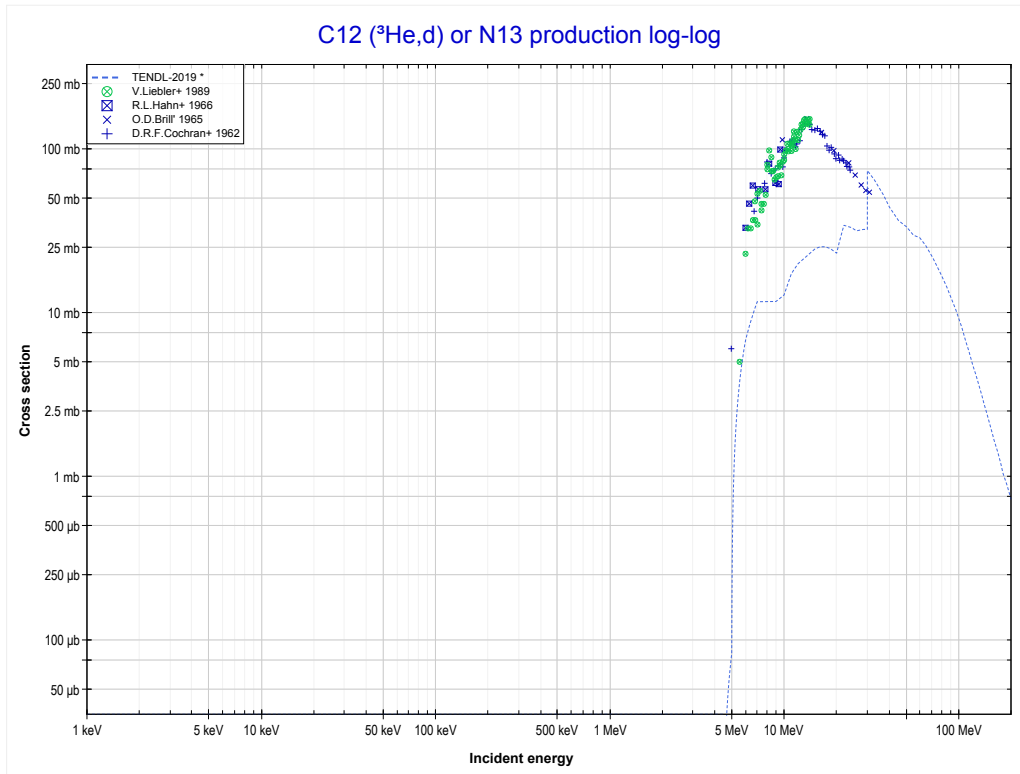
Reaction	Q-Value
C12(He3,d)N13	-3549.98 keV
C12(He3,n+p)N13	-5774.55 keV

	6-C-12	12-Mg-24 >>
<< MT28 (³ He,n+p)	MT34 (³He,n+³He) or MT5 (C11 production)	MT104 (³ He,d) >>



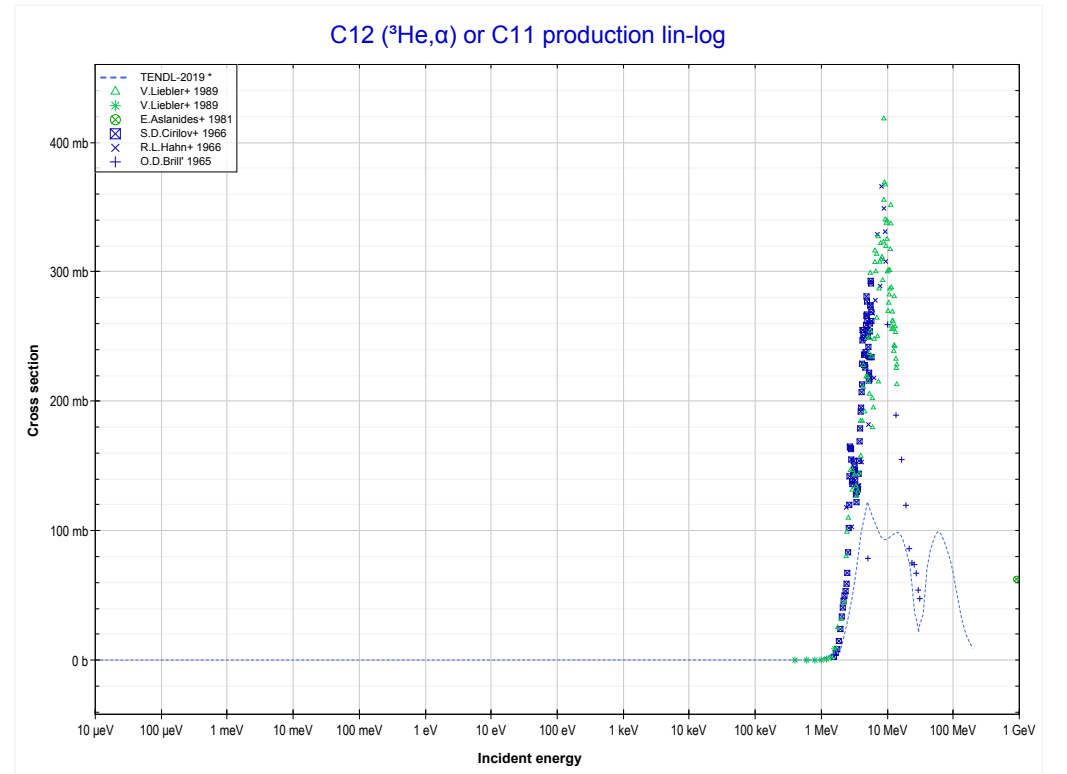
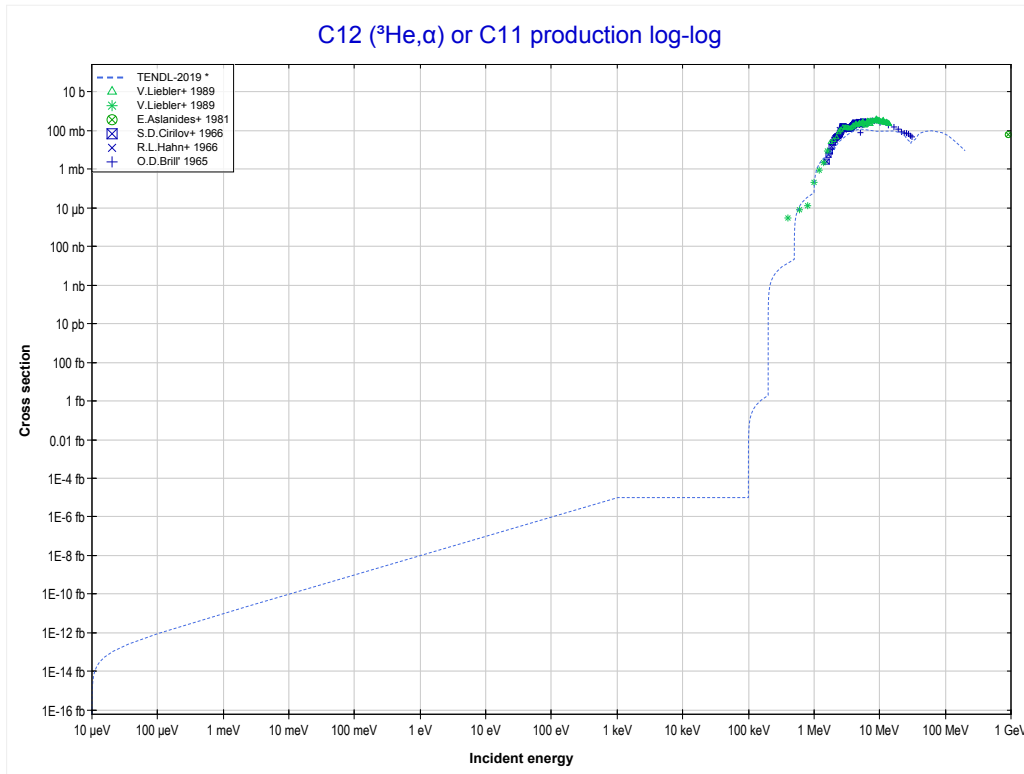
Reaction	Q-Value
C12(He3,α)C11	1856.90 keV
C12(He3,p+t)C11	-17956.96 keV
C12(He3,n+He3)C11	-18720.72 keV
C12(He3,2d)C11	-21989.63 keV
C12(He3,n+p+d)C11	-24214.19 keV
C12(He3,2n+2p)C11	-26438.76 keV

<< 5-B-10	6-C-12	12-Mg-24 >>
<< MT34 ($^3\text{He},n+^3\text{He}$)	MT104 ($^3\text{He},d$) or MT5 (N13 production)	MT107 ($^3\text{He},\alpha$) >>



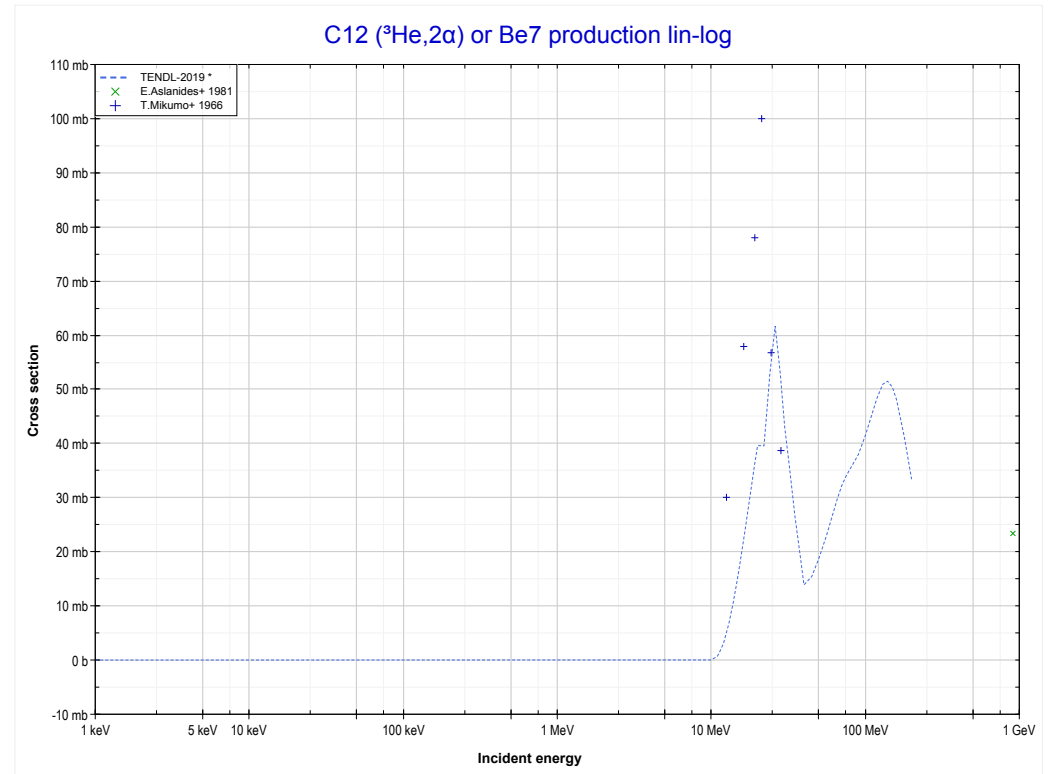
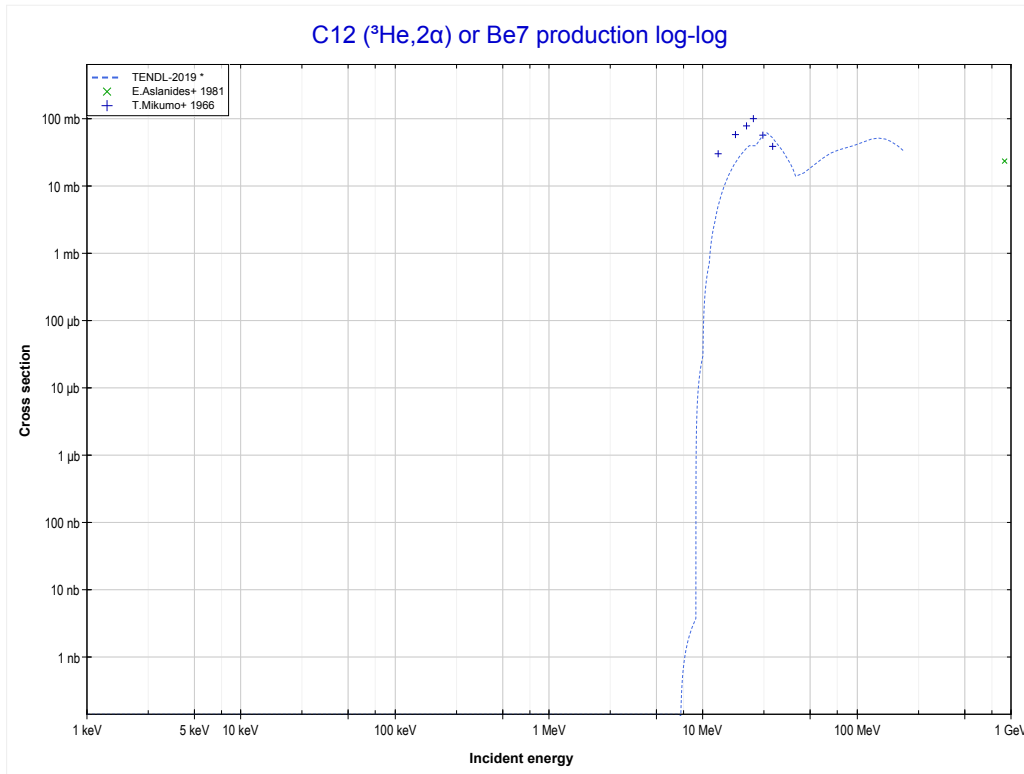
Reaction	Q-Value
C12(He3,d)N13	-3549.98 keV
C12(He3,n+p)N13	-5774.55 keV

	6-C-12	7-N-14 >>
<< MT104 (³ He,d)	MT107 (³He,α) or MT5 (C11 production)	MT108 (³ He,2α) >>



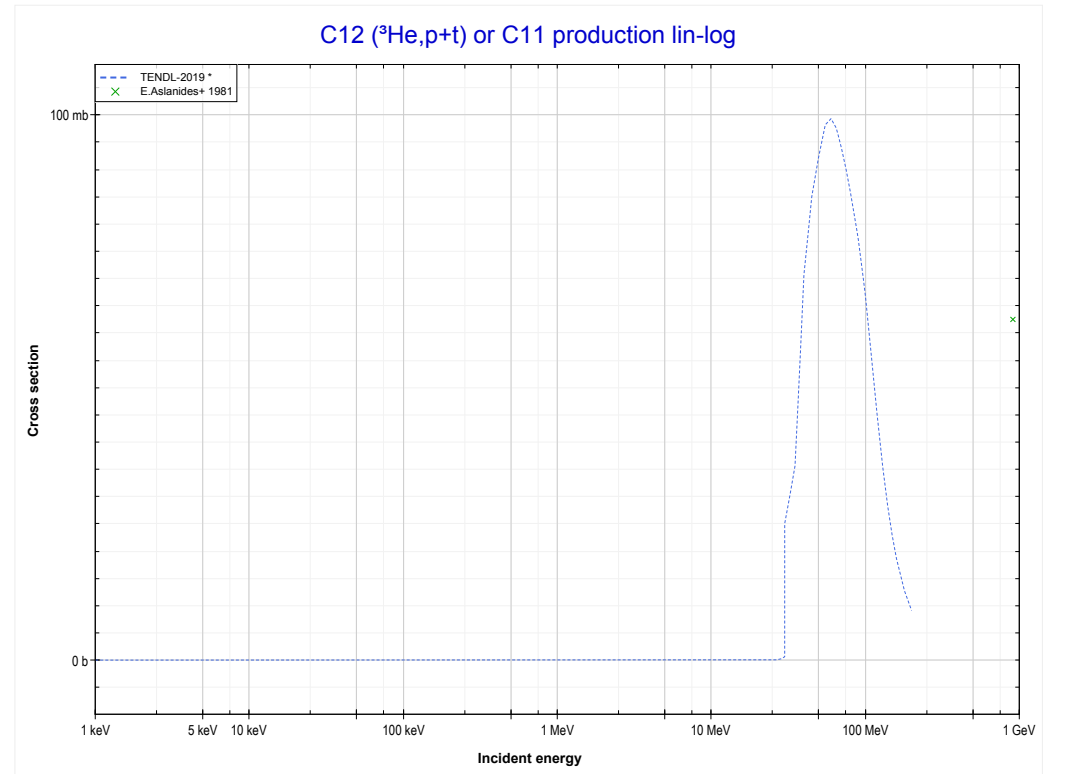
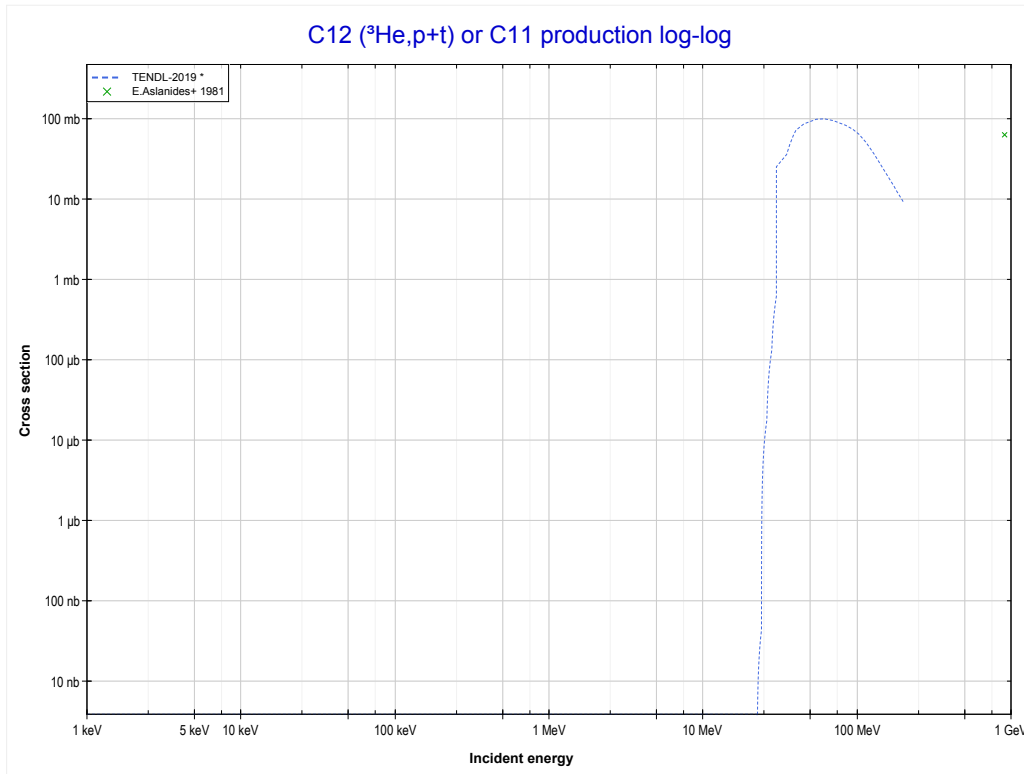
Reaction	Q-Value
C12(He3,α)C11	1856.90 keV
C12(He3,p+t)C11	-17956.96 keV
C12(He3,n+He3)C11	-18720.72 keV
C12(He3,2d)C11	-21989.63 keV
C12(He3,n+p+d)C11	-24214.19 keV
C12(He3,2n+2p)C11	-26438.76 keV

	6-C-12	8-O-16 >>
<< MT107 (³ He,α)	MT108 (³He,2α) or MT5 (Be7 production)	MT116 (³ He,p+t) >>



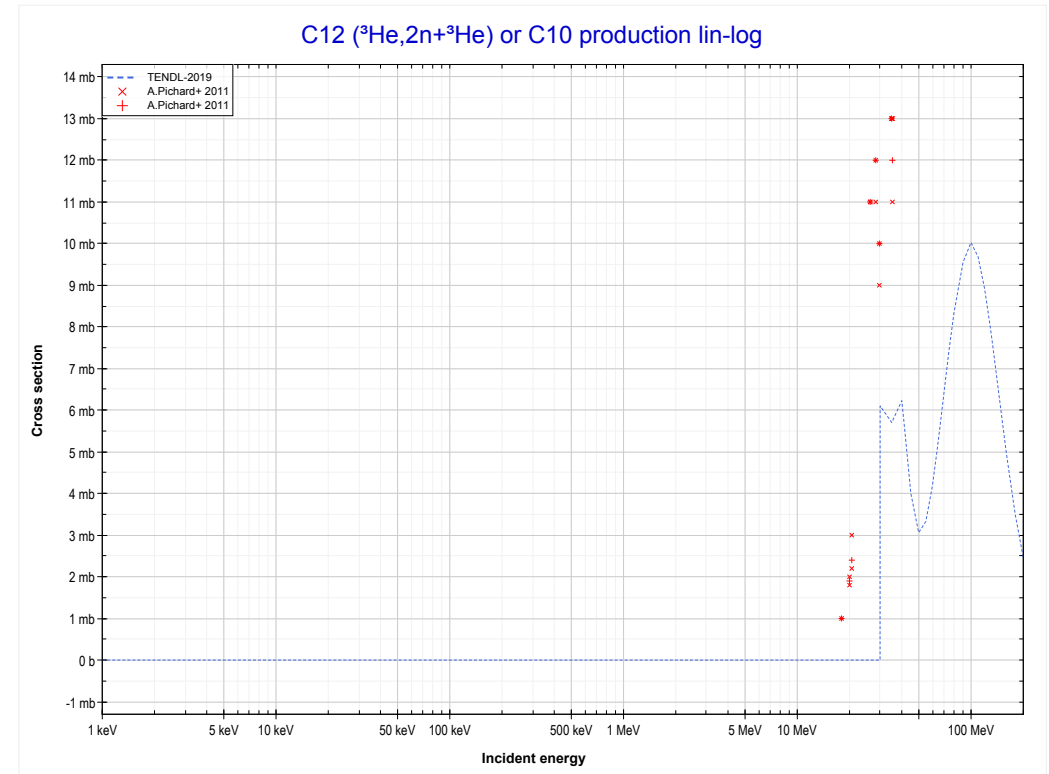
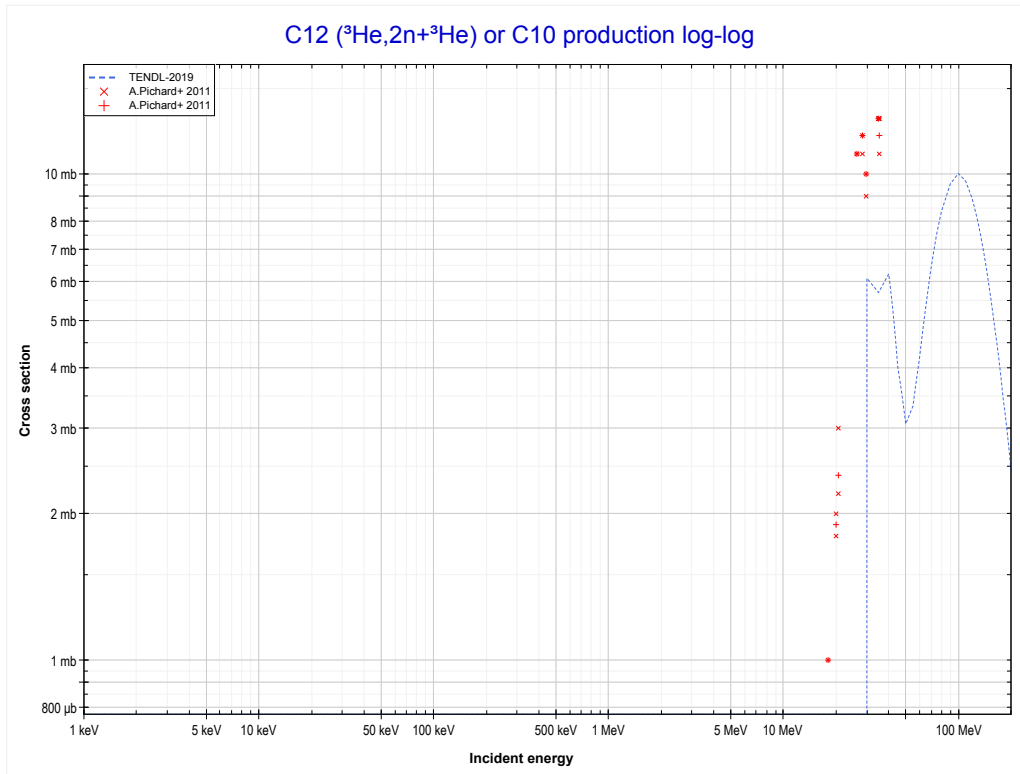
Reaction	Q-Value	Reaction	Q-Value
C12(He3,2α)Be7	-5687.61 keV	C12(He3,n+p+t+He3)Be7	-46079.10 keV
C12(He3,p+t+α)Be7	-25501.48 keV	C12(He3,2n+2He3)Be7	-46842.85 keV
C12(He3,n+He3+α)Be7	-26265.23 keV	C12(He3,p+2d+t)Be7	-49348.01 keV
C12(He3,2d+α)Be7	-29534.14 keV	C12(He3,n+2d+He3)Be7	-50111.76 keV
C12(He3,n+p+d+α)Be7	-31758.71 keV	C12(He3,n+2p+d+t)Be7	-51572.57 keV
C12(He3,2n+2p+α)Be7	-33983.27 keV	C12(He3,2n+p+d+He3)Be7	-52336.33 keV
C12(He3,d+t+He3)Be7	-43854.53 keV	C12(He3,4d)Be7	-53380.67 keV
C12(He3,2p+2t)Be7	-45315.34 keV	C12(He3,2n+3p+t)Be7	-53797.14 keV

	6-C-12	12-Mg-24 >>
<< MT108 ($^3\text{He},2\alpha$)	MT116 ($^3\text{He},p+t$) or MT5 (C11 production)	MT176 ($^3\text{He},2n+^3\text{He}$) >>



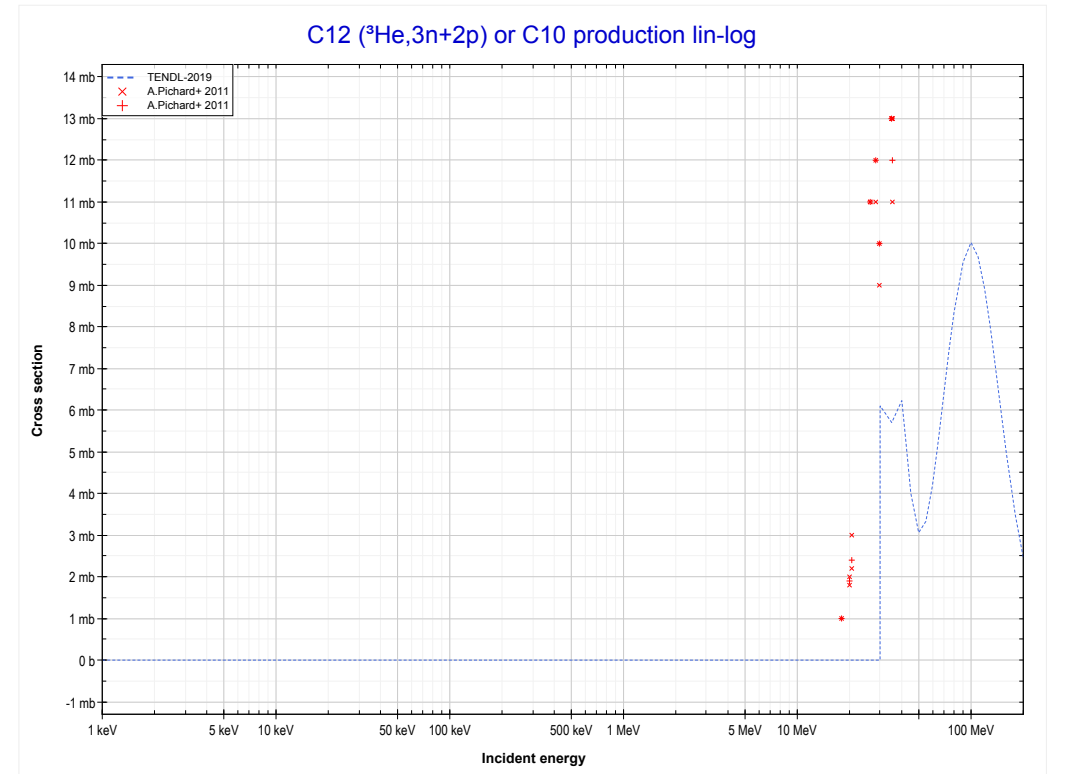
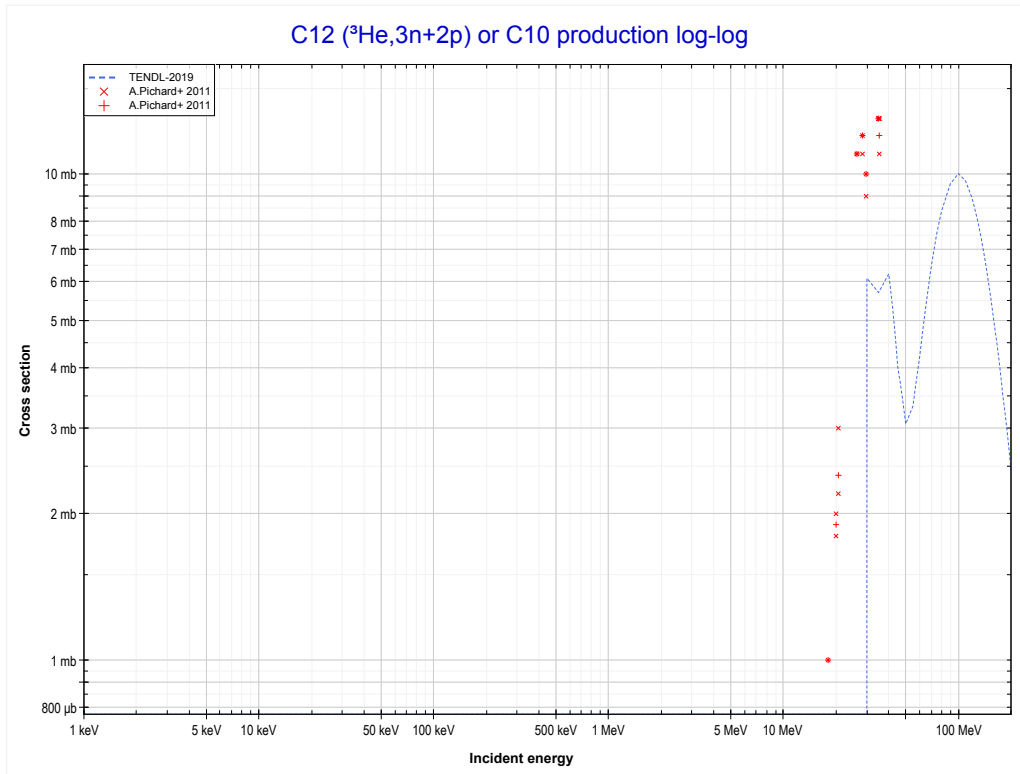
Reaction	Q-Value
C12(He3, α)C11	1856.90 keV
C12(He3,p+t)C11	-17956.96 keV
C12(He3,n+He3)C11	-18720.72 keV
C12(He3,2d)C11	-21989.63 keV
C12(He3,n+p+d)C11	-24214.19 keV
C12(He3,2n+2p)C11	-26438.76 keV

<< 4-Be-9	6-C-12	12-Mg-24 >>
<< MT116 (³ He,p+t)	MT176 (³He,2n+³He) or MT5 (C10 production)	MT179 (³ He,3n+2p) >>



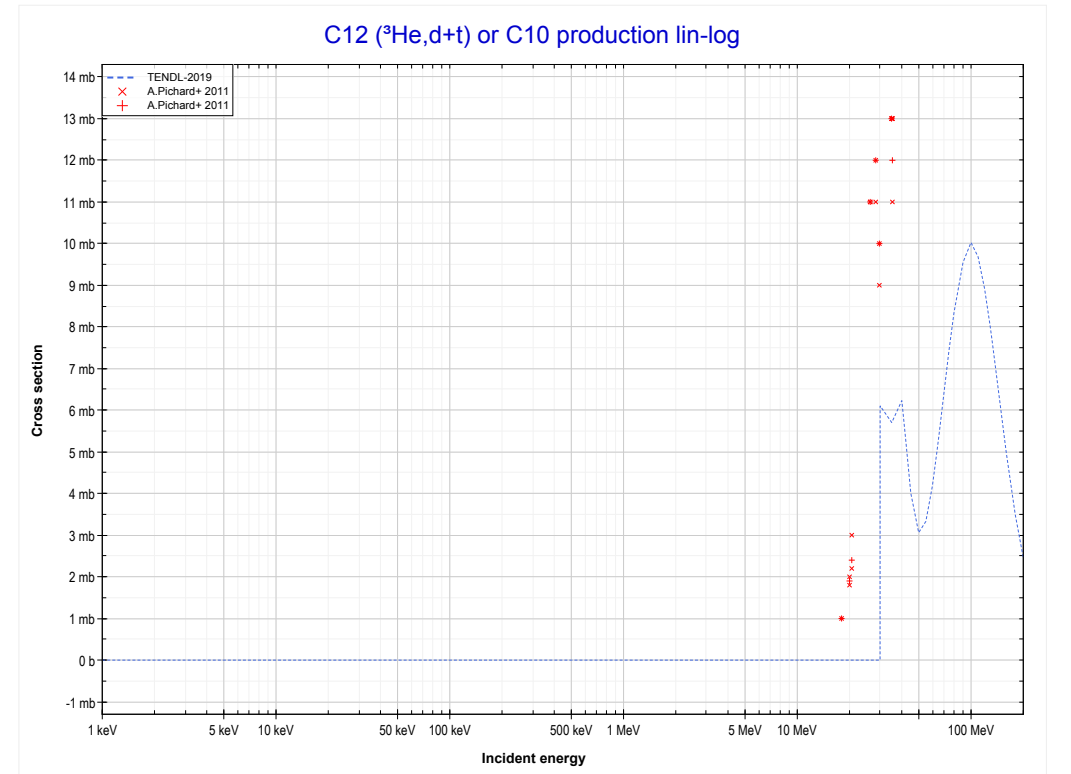
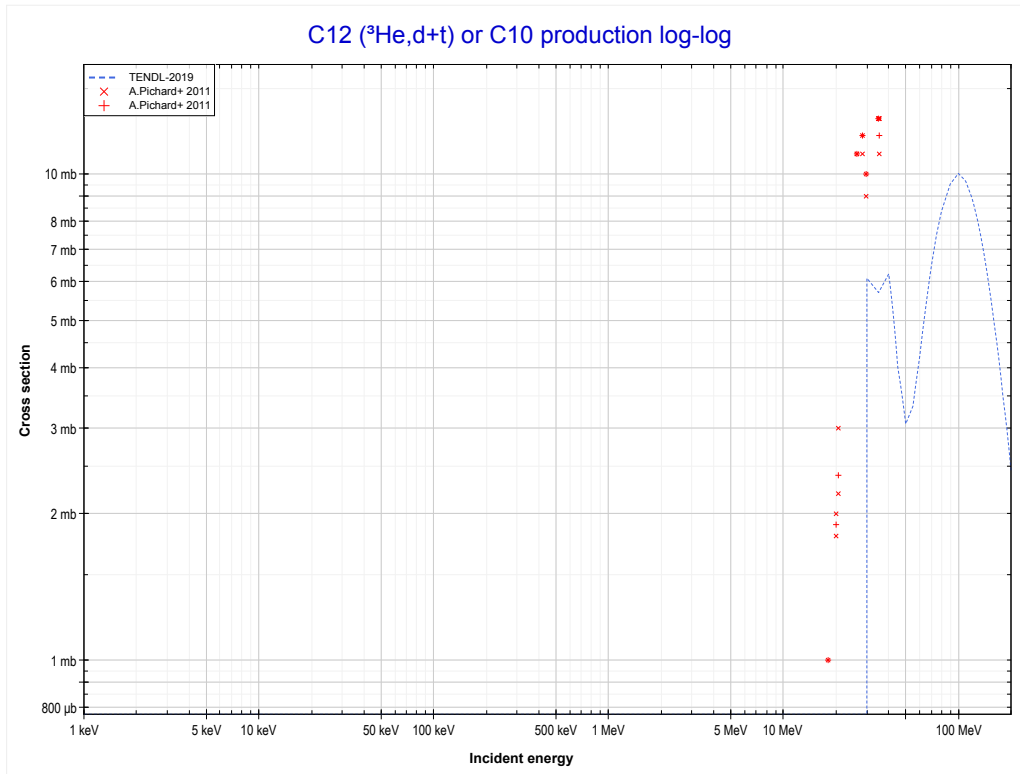
Reaction	Q-Value
C12(He3,n+α)C10	-11263.68 keV
C12(He3,d+t)C10	-28852.98 keV
C12(He3,n+p+t)C10	-31077.55 keV
C12(He3,2n+He3)C10	-31841.30 keV
C12(He3,n+2d)C10	-35110.21 keV
C12(He3,2n+p+d)C10	-37334.78 keV
C12(He3,3n+2p)C10	-39559.34 keV

<< 4-Be-9	6-C-12	12-Mg-24 >>
<< MT176 (³ He,2n+ ³ He)	MT179 (³He,3n+2p) or MT5 (C10 production)	MT182 (³ He,d+t) >>



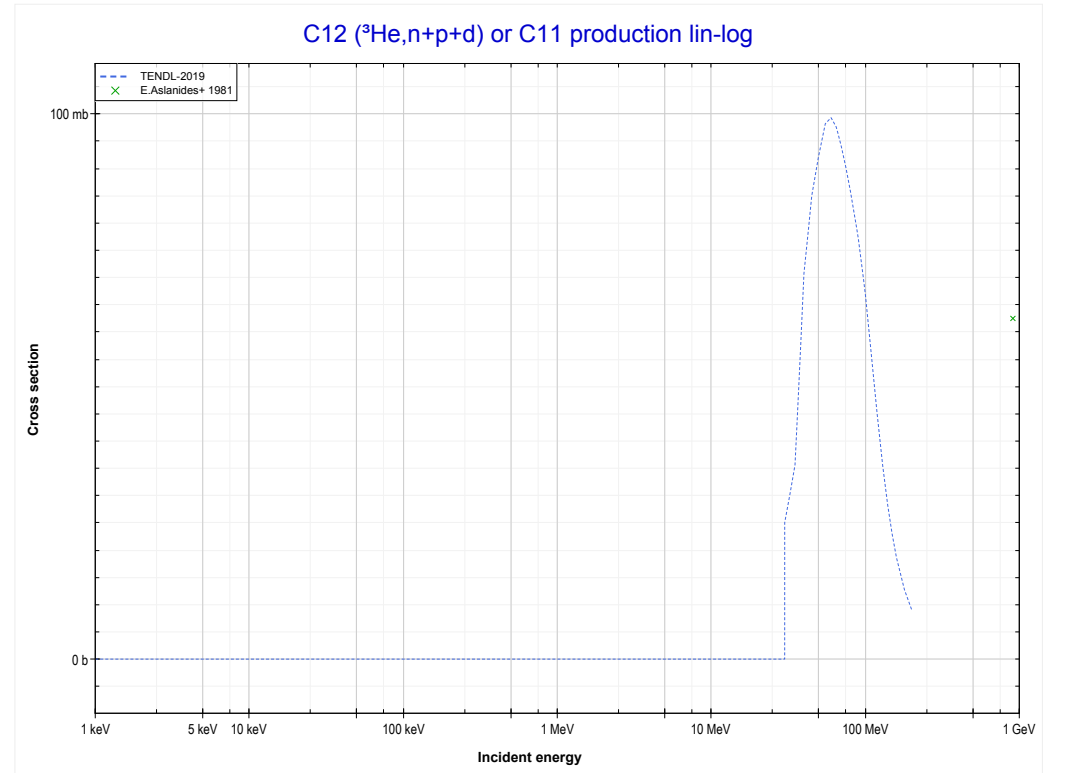
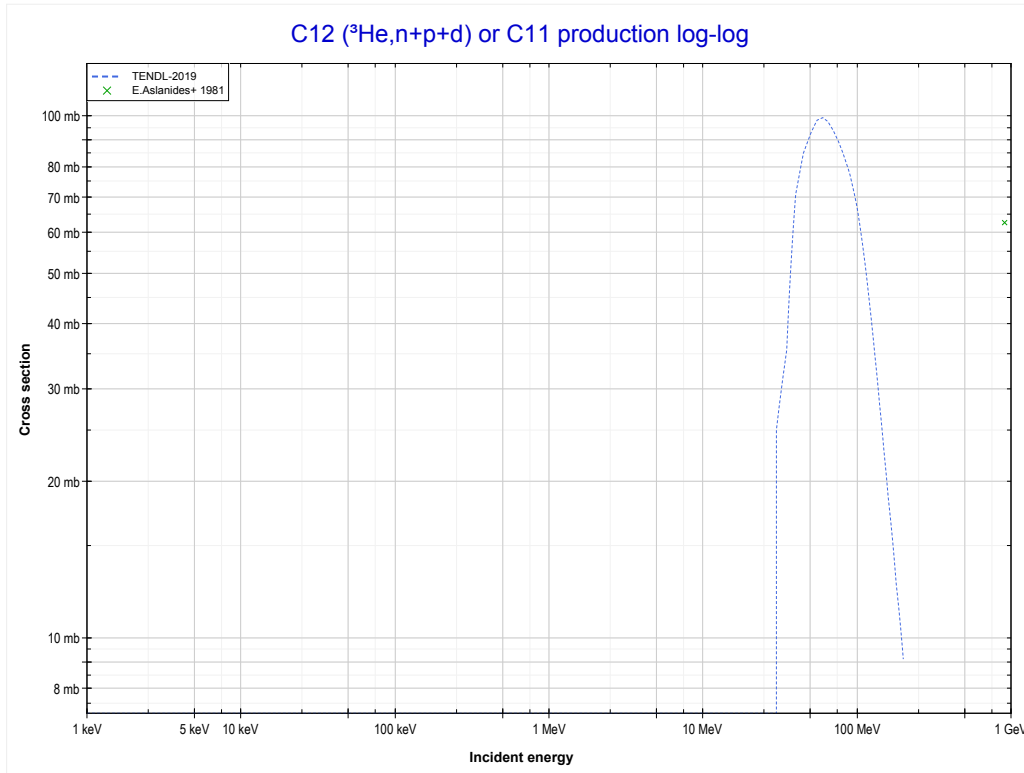
Reaction	Q-Value
C12(He3,n+α)C10	-11263.68 keV
C12(He3,d+t)C10	-28852.98 keV
C12(He3,n+p+t)C10	-31077.55 keV
C12(He3,2n+He3)C10	-31841.30 keV
C12(He3,n+2d)C10	-35110.21 keV
C12(He3,2n+p+d)C10	-37334.78 keV
C12(He3,3n+2p)C10	-39559.34 keV

<< 4-Be-9	6-C-12	12-Mg-24 >>
<< MT179 (³ He,3n+2p)	MT182 (³He,d+t) or MT5 (C10 production)	MT183 (³ He,n+p+d) >>



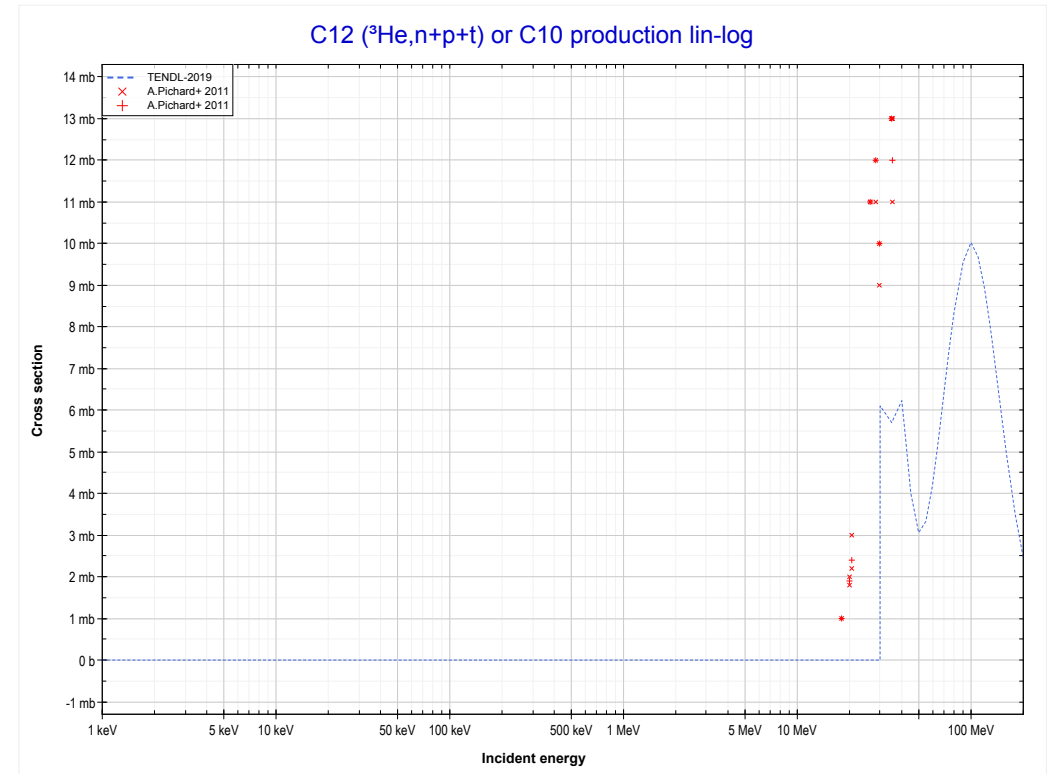
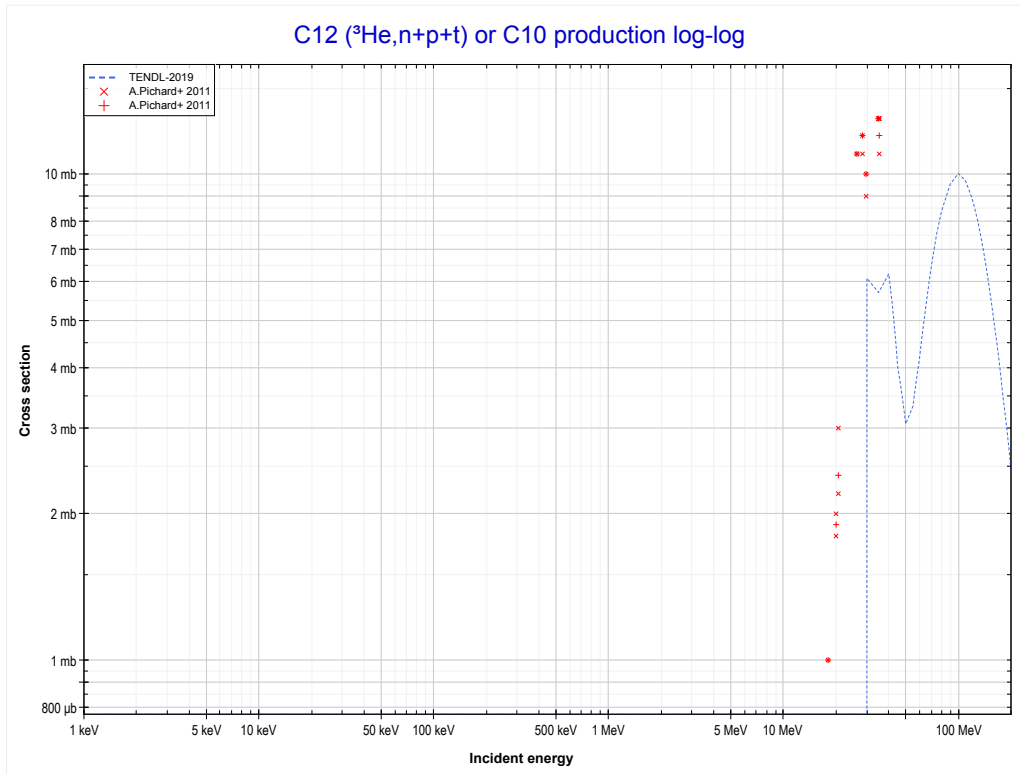
Reaction	Q-Value
C12(He3,n+α)C10	-11263.68 keV
C12(He3,d+t)C10	-28852.98 keV
C12(He3,n+p+t)C10	-31077.55 keV
C12(He3,2n+He3)C10	-31841.30 keV
C12(He3,n+2d)C10	-35110.21 keV
C12(He3,2n+p+d)C10	-37334.78 keV
C12(He3,3n+2p)C10	-39559.34 keV

	6-C-12	12-Mg-24 >>
<< MT182 (³He,d+t)	MT183 (³He,n+p+d) or MT5 (C11 production)	MT184 (³He,n+p+t) >>



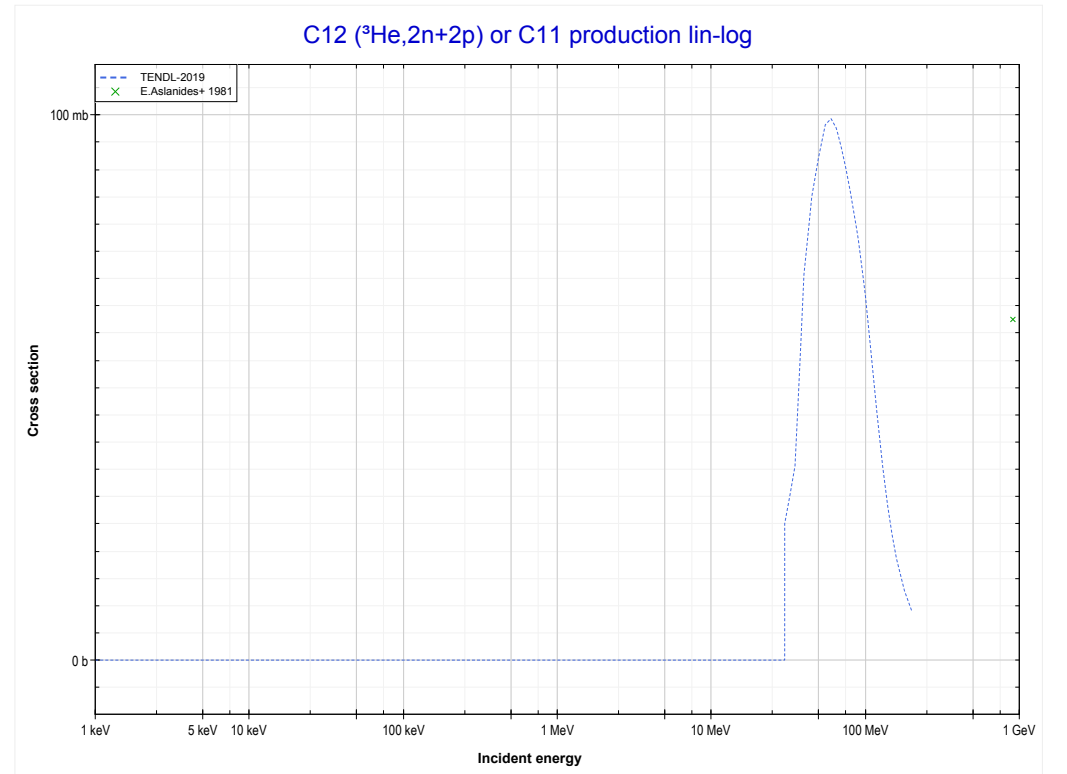
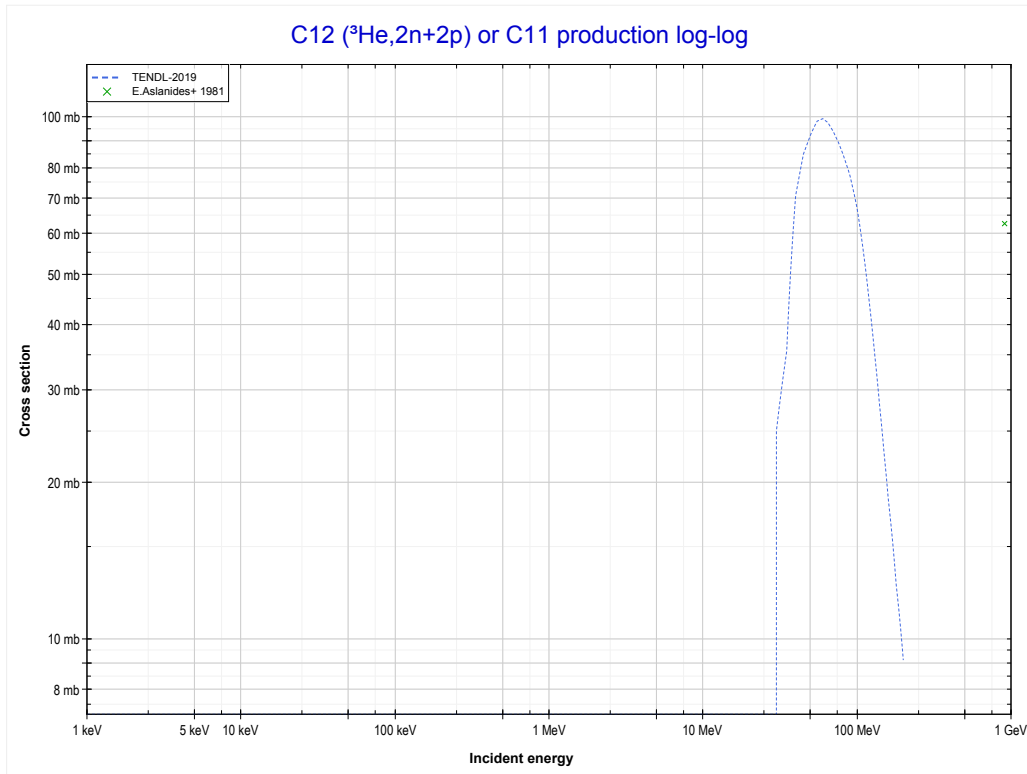
Reaction	Q-Value
C12(He3,α)C11	1856.90 keV
C12(He3,p+t)C11	-17956.96 keV
C12(He3,n+He3)C11	-18720.72 keV
C12(He3,2d)C11	-21989.63 keV
C12(He3,n+p+d)C11	-24214.19 keV
C12(He3,2n+2p)C11	-26438.76 keV

<< 4-Be-9	6-C-12	12-Mg-24 >>
<< MT183 (³ He,n+p+d)	MT184 (³He,n+p+t) or MT5 (C10 production)	MT190 (³ He,2n+2p) >>



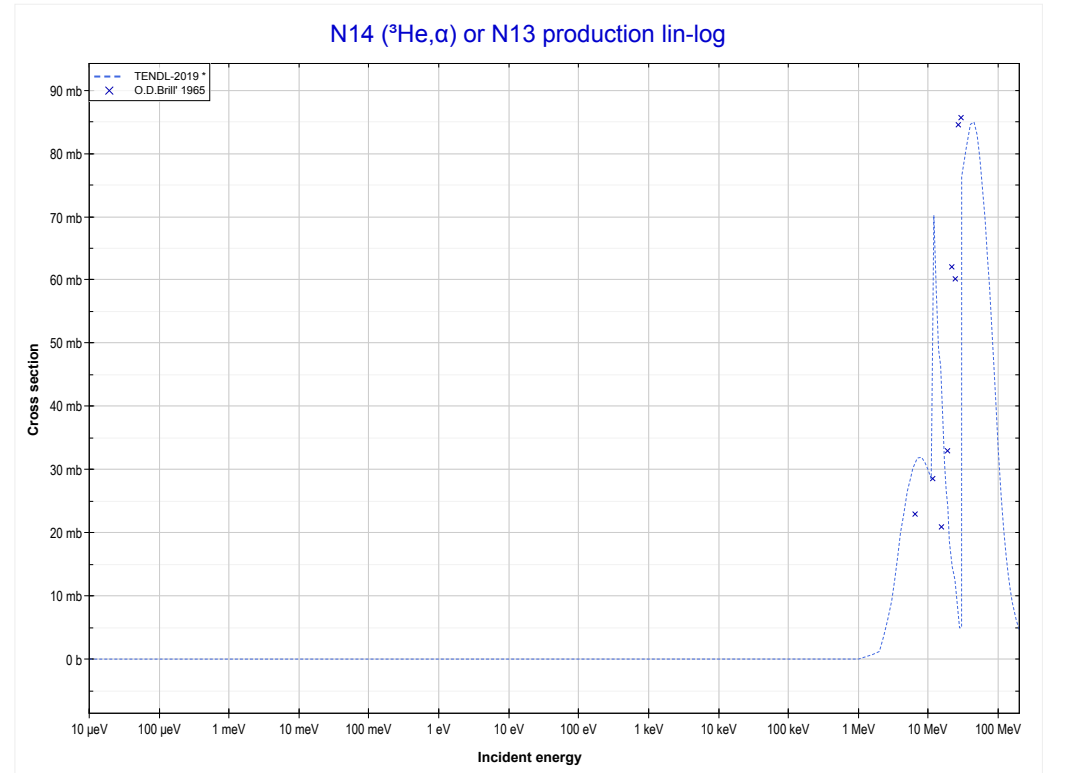
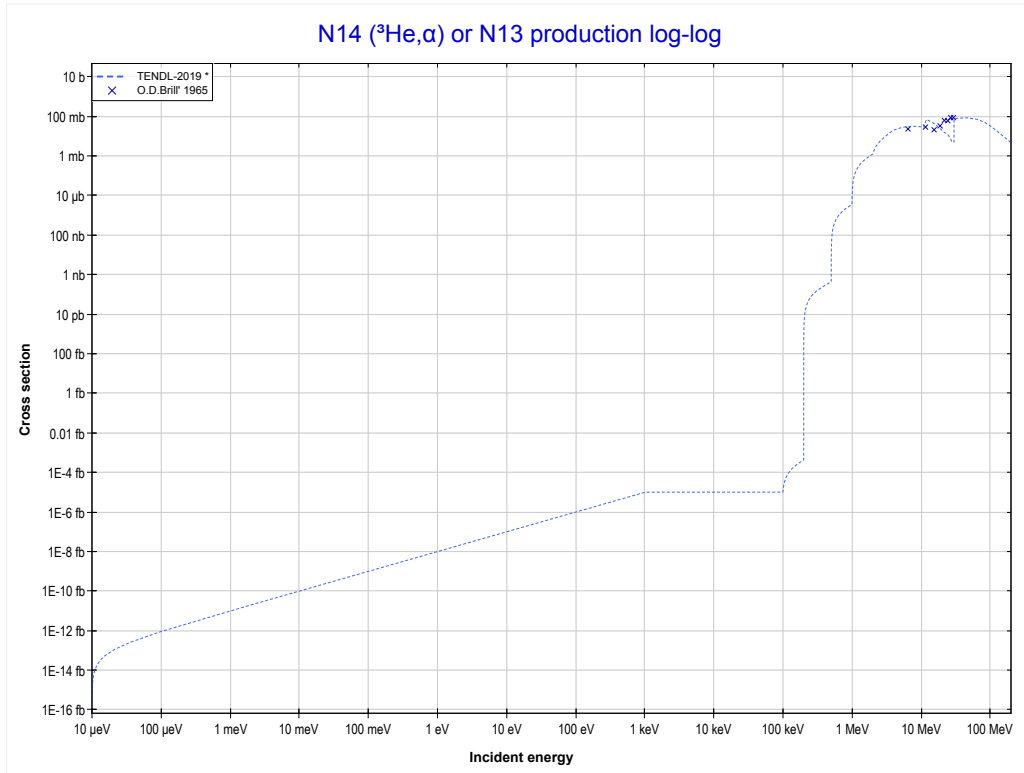
Reaction	Q-Value
C12(He3,n+α)C10	-11263.68 keV
C12(He3,d+t)C10	-28852.98 keV
C12(He3,n+p+t)C10	-31077.55 keV
C12(He3,2n+He3)C10	-31841.30 keV
C12(He3,n+2d)C10	-35110.21 keV
C12(He3,2n+p+d)C10	-37334.78 keV
C12(He3,3n+2p)C10	-39559.34 keV

	6-C-12	12-Mg-24 >>
<< MT184 ($^3\text{He},n+p+t$)	MT190 ($^3\text{He},2n+2p$) or MT5 (C11 production)	7-N-14 MT107 ($^3\text{He},\alpha$) >>



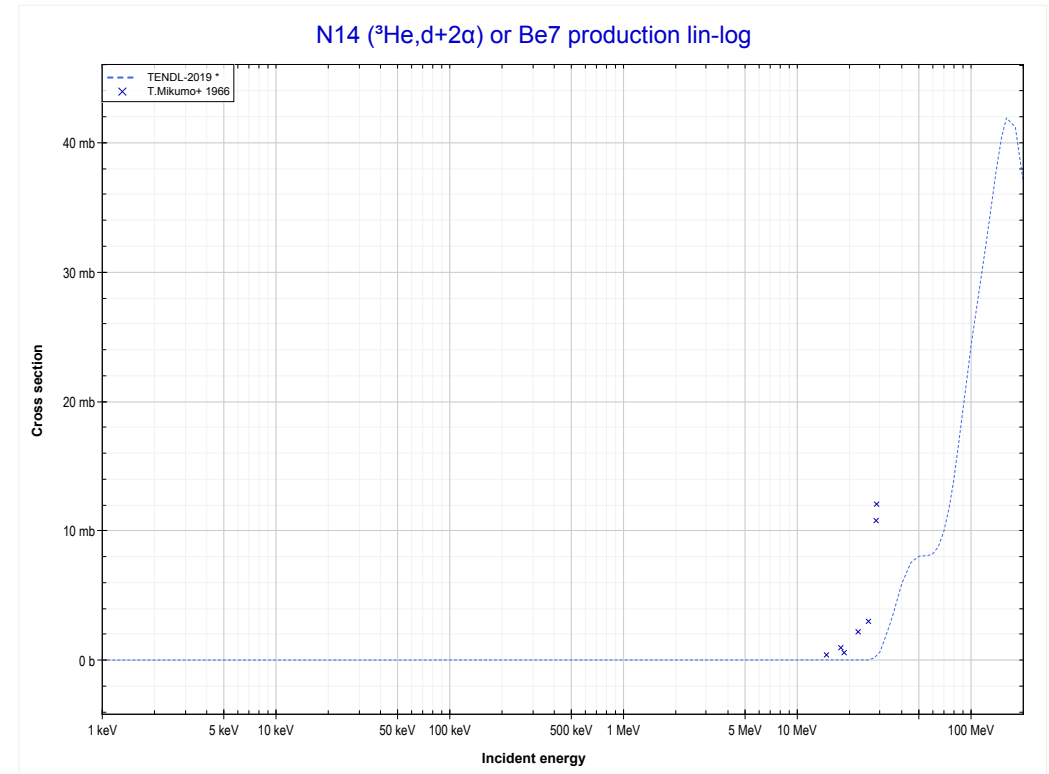
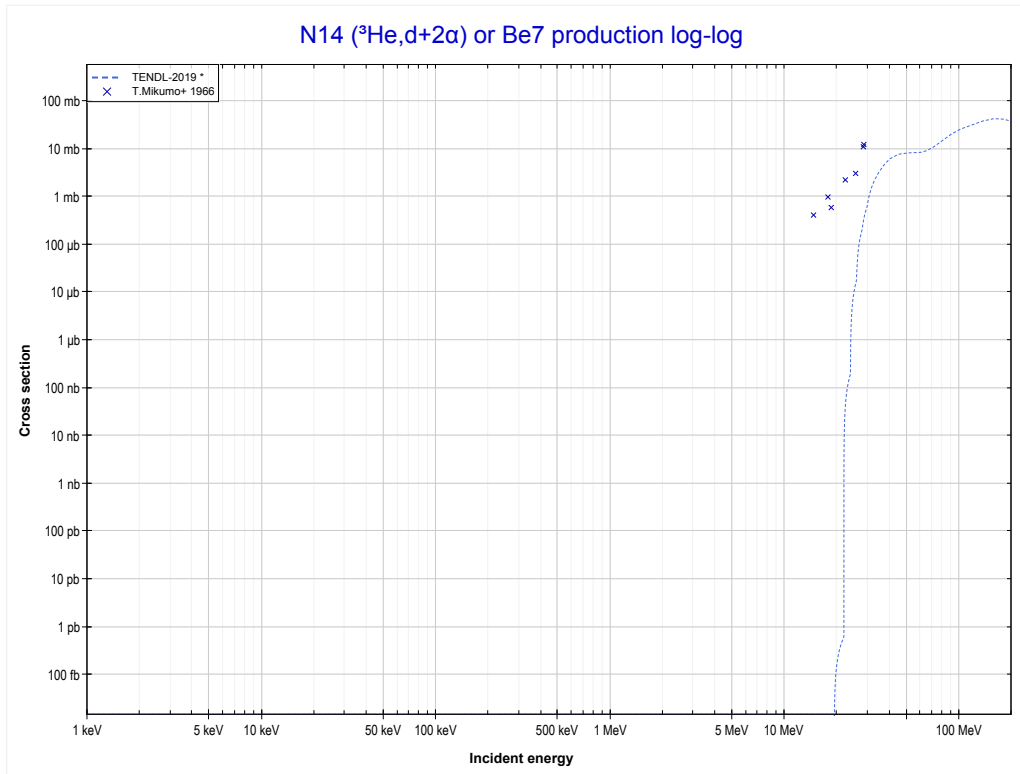
Reaction	Q-Value
C12($\text{He}3,\alpha$)C11	1856.90 keV
C12($\text{He}3,p+t$)C11	-17956.96 keV
C12($\text{He}3,n+\text{He}3$)C11	-18720.72 keV
C12($\text{He}3,2d$)C11	-21989.63 keV
C12($\text{He}3,n+p+d$)C11	-24214.19 keV
C12($\text{He}3,2n+2p$)C11	-26438.76 keV

<< 6-C-12	7-N-14	8-O-16 >>
<< 6-C-12 MT190 ($^3\text{He},2n+2p$)	MT107 ($^3\text{He},\alpha$) or MT5 (N13 production)	MT114 ($^3\text{He},d+2\alpha$) >>



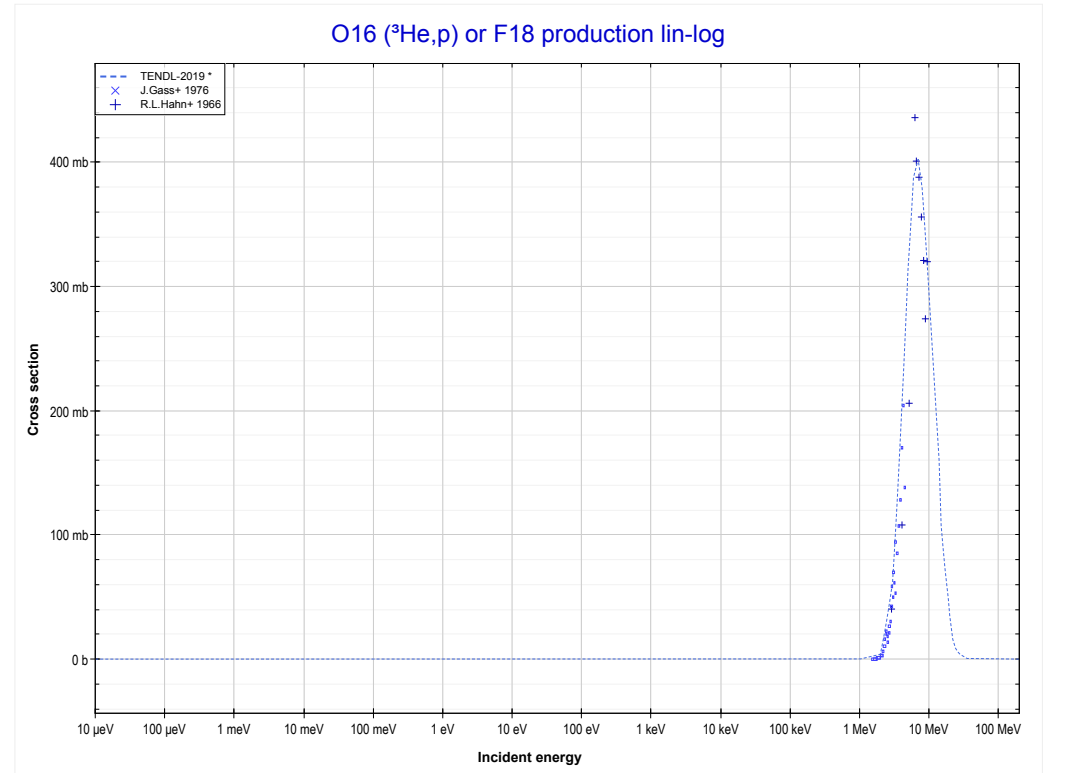
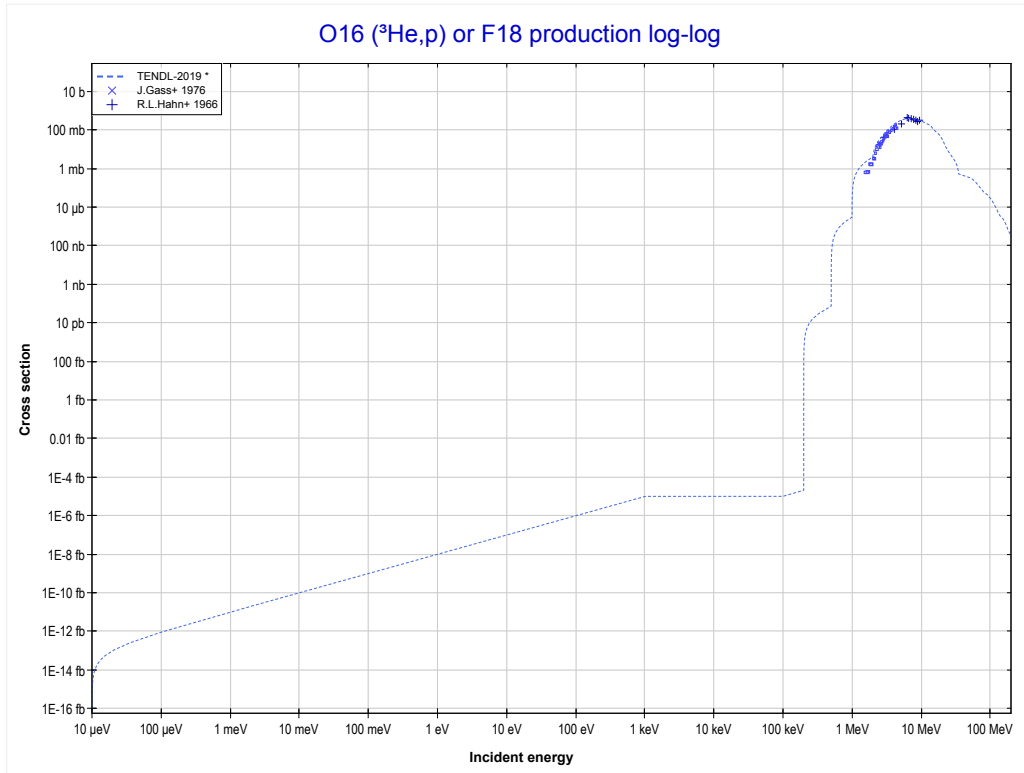
Reaction	Q-Value
N14(He3, α)N13	10024.24 keV
N14(He3,p+t)N13	-9789.63 keV
N14(He3,n+He3)N13	-10553.38 keV
N14(He3,2d)N13	-13822.29 keV
N14(He3,n+p+d)N13	-16046.85 keV
N14(He3,2n+2p)N13	-18271.42 keV

	7-N-14	
<< MT107 (³ He,α)	MT114 (³He,d+2α) or MT5 (Be7 production)	8-O-16 MT103 (³ He,p) >>



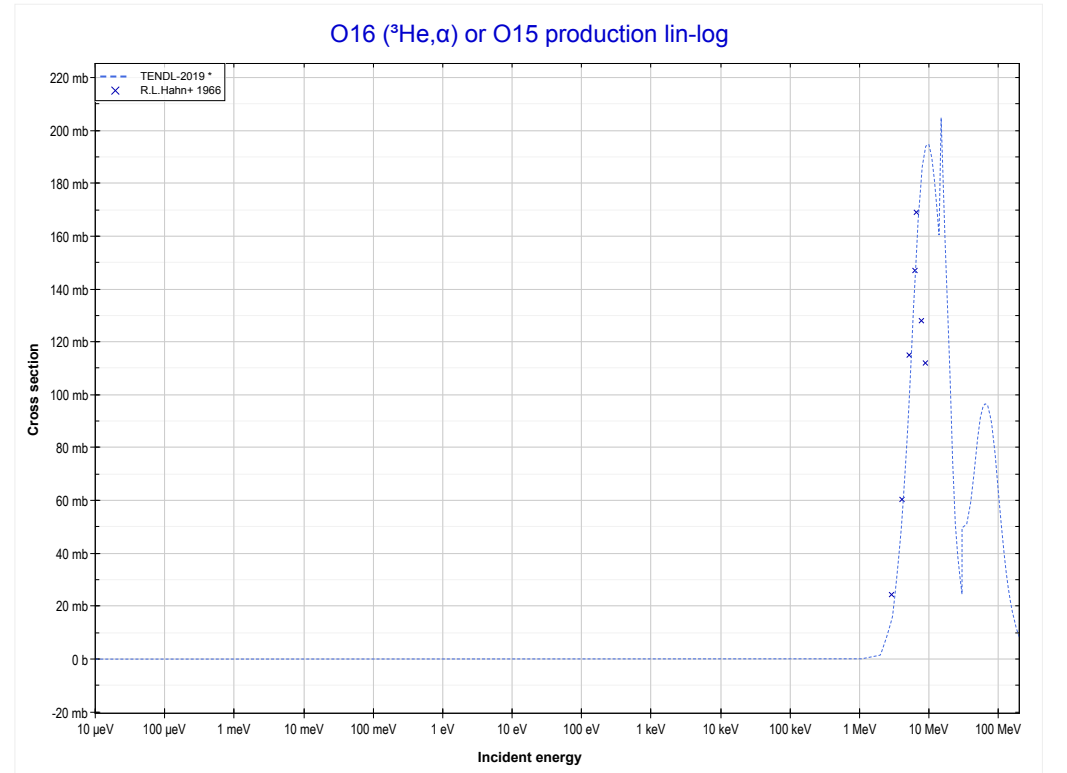
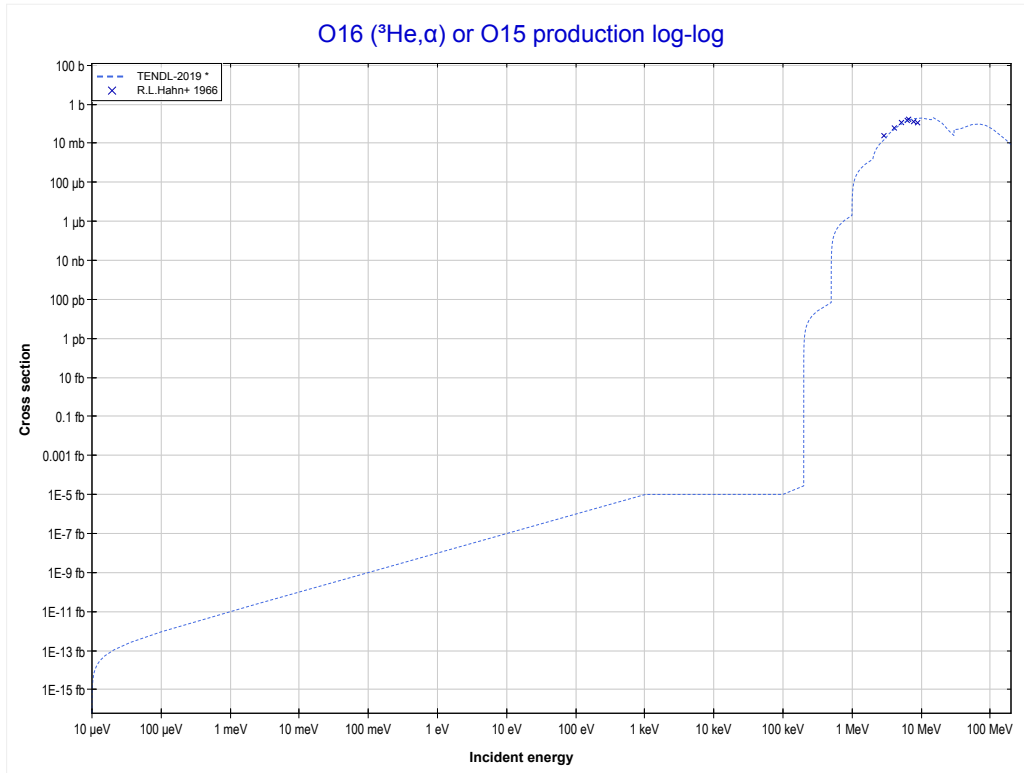
Reaction	Q-Value	Reaction	Q-Value
N14(He3,d+2α)Be7	-15959.92 keV	N14(He3,n+p+2d+α)Be7	-42031.01 keV
N14(He3,n+p+2α)Be7	-18184.48 keV	N14(He3,2n+2p+d+α)Be7	-44255.58 keV
N14(He3,t+He3+α)Be7	-30280.31 keV	N14(He3,3n+3p+α)Be7	-46480.14 keV
N14(He3,p+d+t+α)Be7	-35773.78 keV	N14(He3,p+2t+He3)Be7	-50094.17 keV
N14(He3,n+d+He3+α)Be7	-36537.54 keV	N14(He3,n+t+2He3)Be7	-50857.93 keV
N14(He3,n+2p+t+α)Be7	-37998.35 keV	N14(He3,2d+t+He3)Be7	-54126.84 keV
N14(He3,2n+p+He3+α)Be7	-38762.10 keV	N14(He3,2p+d+2t)Be7	-55587.65 keV
N14(He3,3d+α)Be7	-39806.45 keV	N14(He3,n+p+d+t+He3)Be7	-56351.40 keV

	8-O-16	12-Mg-24 >>
<< 7-N-14 MT114 ($^3\text{He},d+2\alpha$)	MT103 ($^3\text{He},p$) or MT5 (F18 production)	MT107 ($^3\text{He},\alpha$) >>



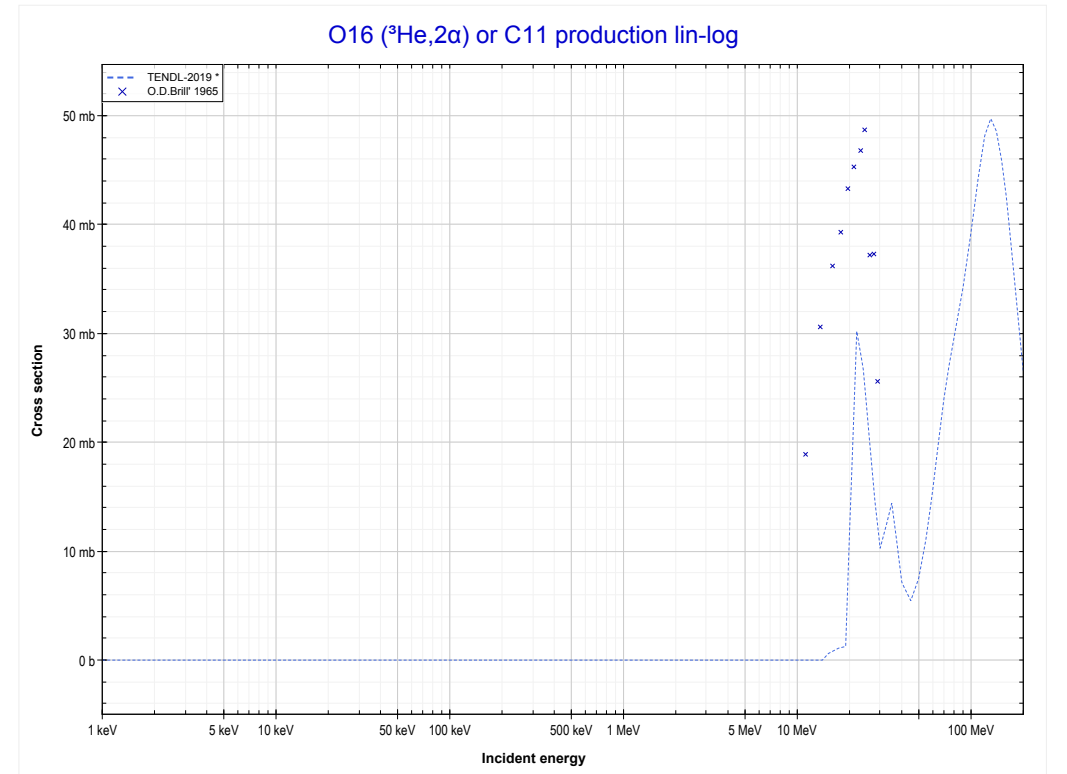
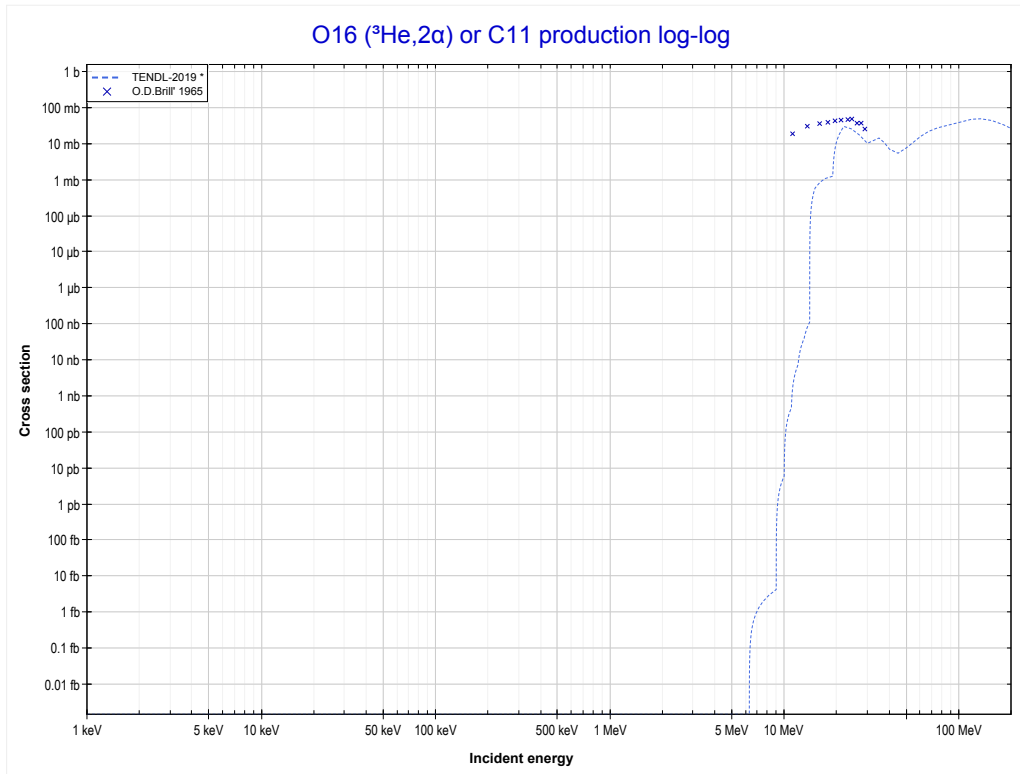
Reaction	Q-Value
O16($\text{He}3,p$)F18	2032.15 keV

<< 7-N-14	8-O-16	9-F-19 >>
<< MT103 (³ He,p)	MT107 (³He,α) or MT5 (O15 production)	MT108 (³ He,2α) >>



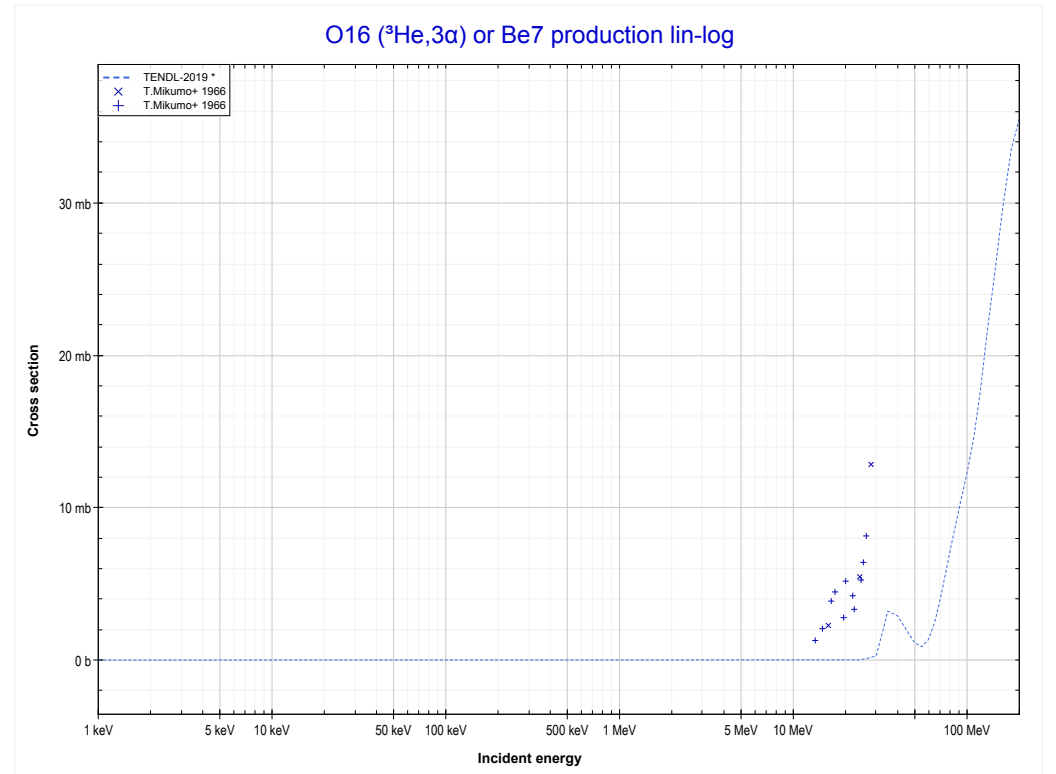
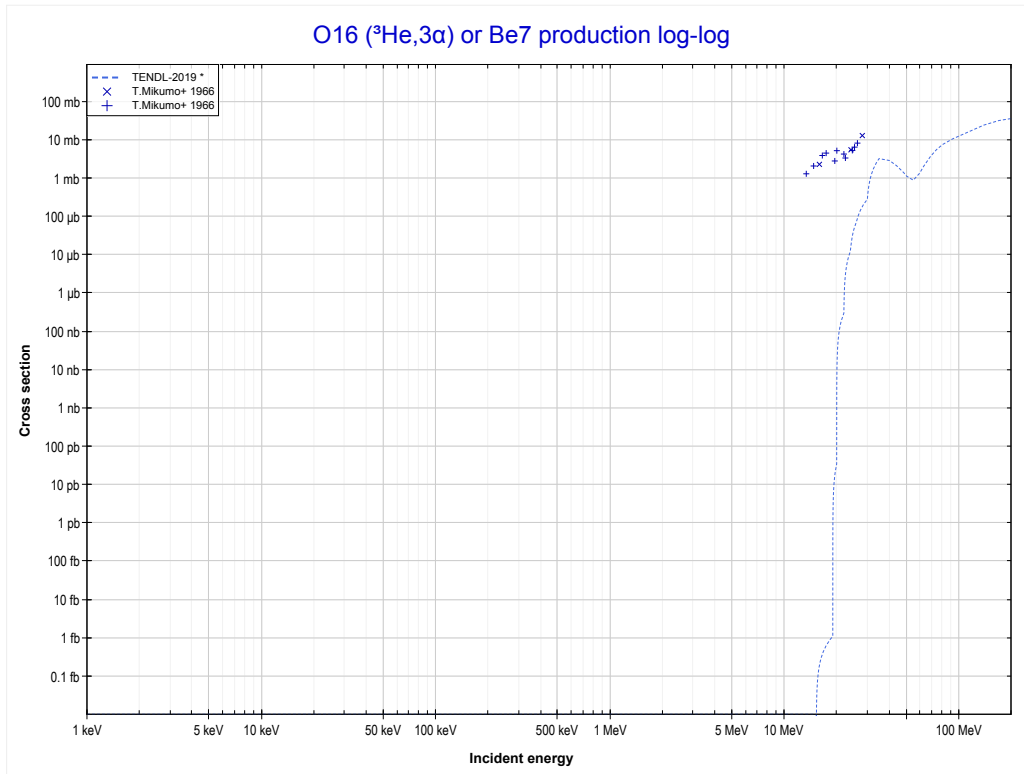
Reaction	Q-Value
O16(He3,α)O15	4913.70 keV
O16(He3,p+t)O15	-14900.16 keV
O16(He3,n+He3)O15	-15663.92 keV
O16(He3,2d)O15	-18932.83 keV
O16(He3,n+p+d)O15	-21157.39 keV
O16(He3,2n+2p)O15	-23381.96 keV

<< 6-C-12	8-O-16	13-AI-27 >>
<< MT107 ($^3\text{He},\alpha$)	MT108 ($^3\text{He},2\alpha$) or MT5 (C11 production)	MT109 ($^3\text{He},3\alpha$) >>



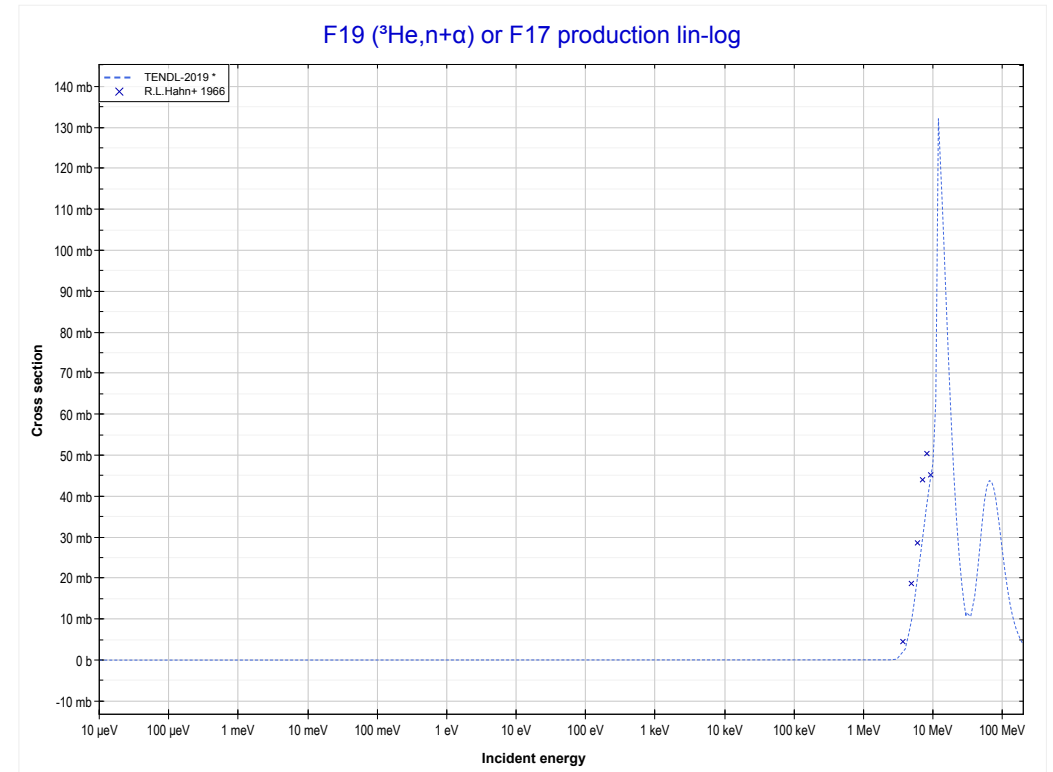
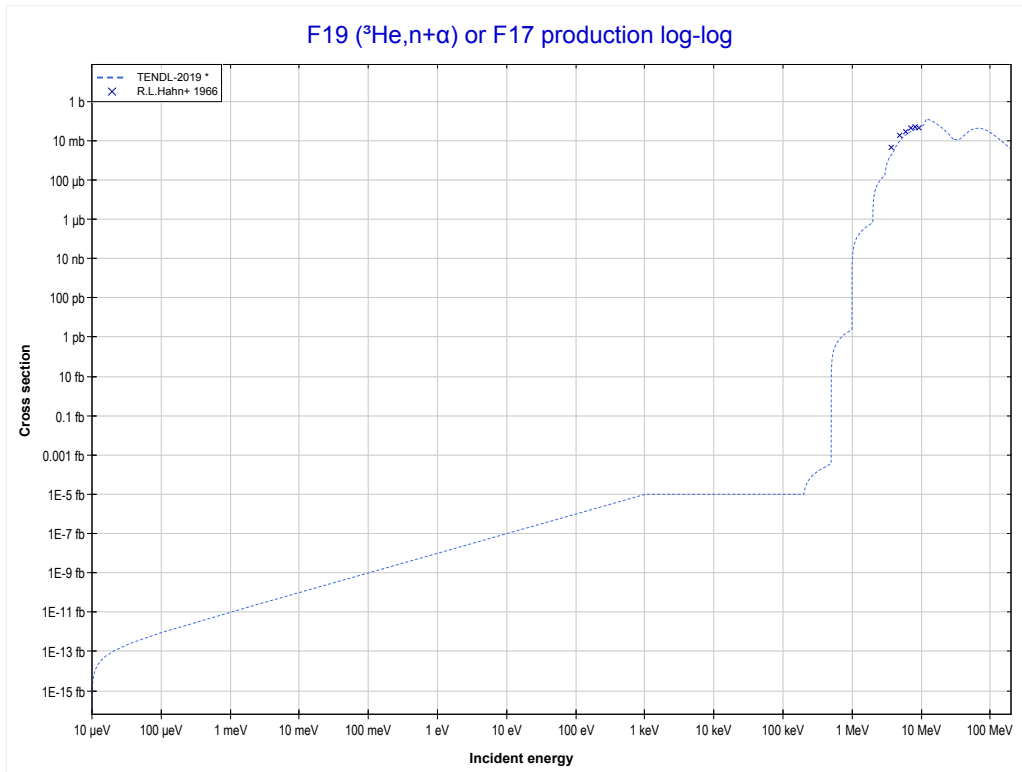
Reaction	Q-Value	Reaction	Q-Value
O16(He3,2α)C11	-5305.01 keV	O16(He3,n+p+t+He3)C11	-45696.50 keV
O16(He3,p+t+α)C11	-25118.88 keV	O16(He3,2n+2He3)C11	-46460.25 keV
O16(He3,n+He3+α)C11	-25882.63 keV	O16(He3,p+2d+t)C11	-48965.41 keV
O16(He3,2d+α)C11	-29151.54 keV	O16(He3,n+2d+He3)C11	-49729.16 keV
O16(He3,n+p+d+α)C11	-31376.11 keV	O16(He3,n+2p+d+t)C11	-51189.97 keV
O16(He3,2n+2p+α)C11	-33600.67 keV	O16(He3,2n+p+d+He3)C11	-51953.73 keV
O16(He3,d+t+He3)C11	-43471.93 keV	O16(He3,4d)C11	-52998.07 keV
O16(He3,2p+2t)C11	-44932.74 keV	O16(He3,2n+3p+t)C11	-53414.54 keV

	8-O-16	41-Nb-93 >>
<< MT108 (³ He,2α)	MT109 (³He,3α) or MT5 (Be7 production)	9-F-19 MT22 (³ He,n+α) >>



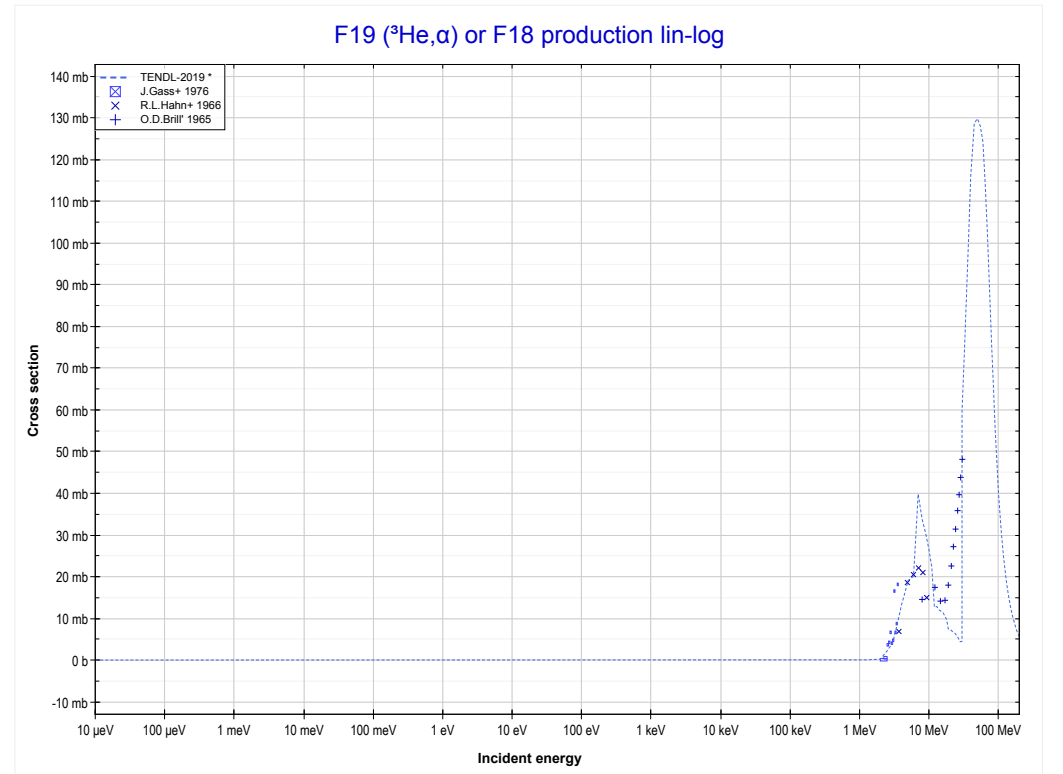
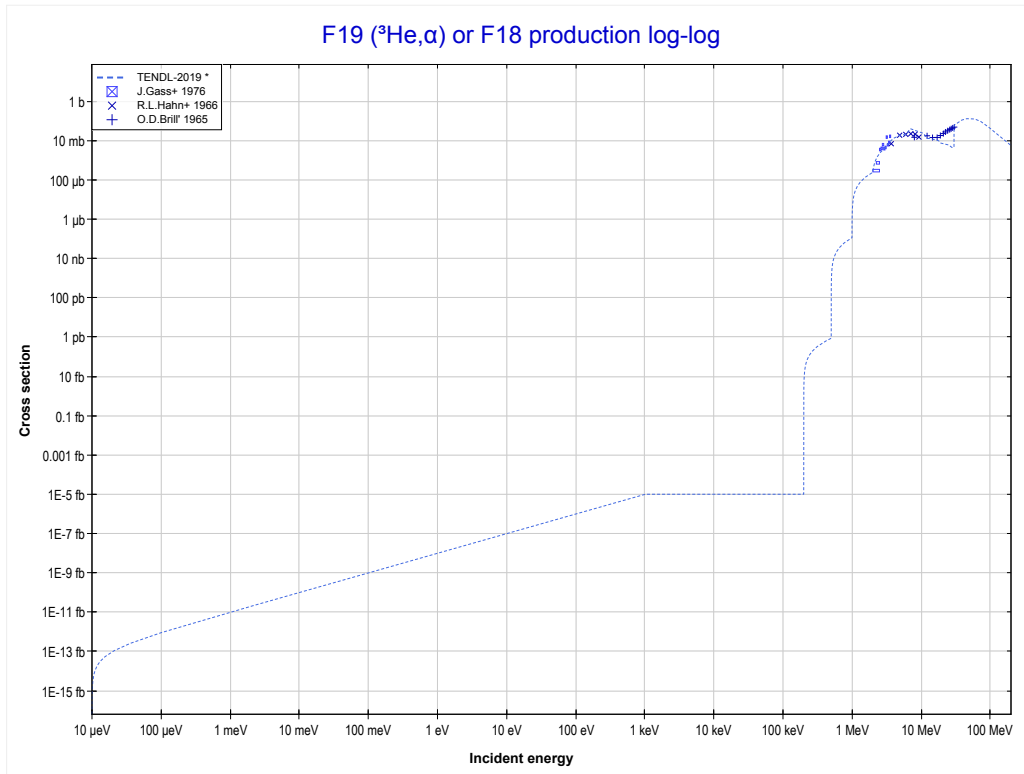
Reaction	Q-Value	Reaction	Q-Value
O16(He3,3α)Be7	-12849.53 keV	O16(He3,n+p+t+He3+α)Be7	-53241.01 keV
O16(He3,p+t+2α)Be7	-32663.40 keV	O16(He3,2n+2He3+α)Be7	-54004.77 keV
O16(He3,n+He3+2α)Be7	-33427.15 keV	O16(He3,p+2d+t+α)Be7	-56509.92 keV
O16(He3,2d+2α)Be7	-36696.06 keV	O16(He3,n+2d+He3+α)Be7	-57273.68 keV
O16(He3,n+p+d+2α)Be7	-38920.62 keV	O16(He3,n+2p+d+t+α)Be7	-58734.49 keV
O16(He3,2n+2p+2α)Be7	-41145.19 keV	O16(He3,2n+p+d+He3+α)Be7	-59498.24 keV
O16(He3,d+t+He3+α)Be7	-51016.45 keV	O16(He3,4d+α)Be7	-60542.59 keV
O16(He3,2p+2t+α)Be7	-52477.26 keV	O16(He3,2n+3p+t+α)Be7	-60959.05 keV

<< 6-C-12	9-F-19	12-Mg-24 >>
<< 8-O-16 MT109 (³ He,3α)	MT22 (³He,n+α) or MT5 (F17 production)	MT107 (³ He,α) >>



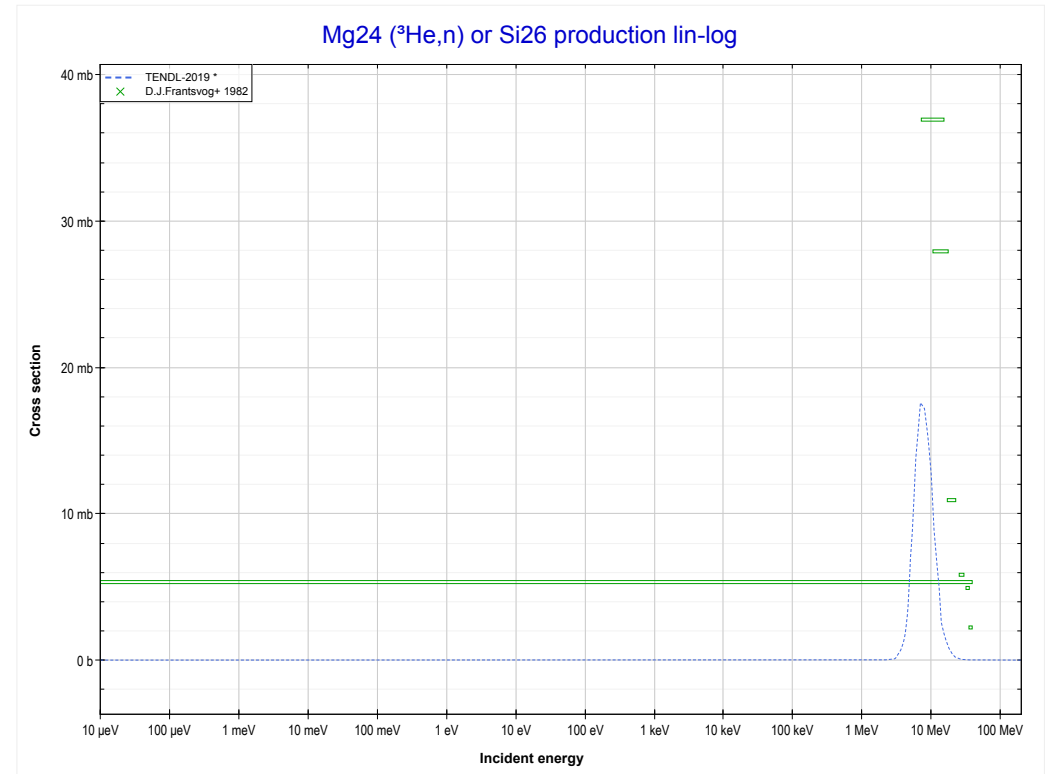
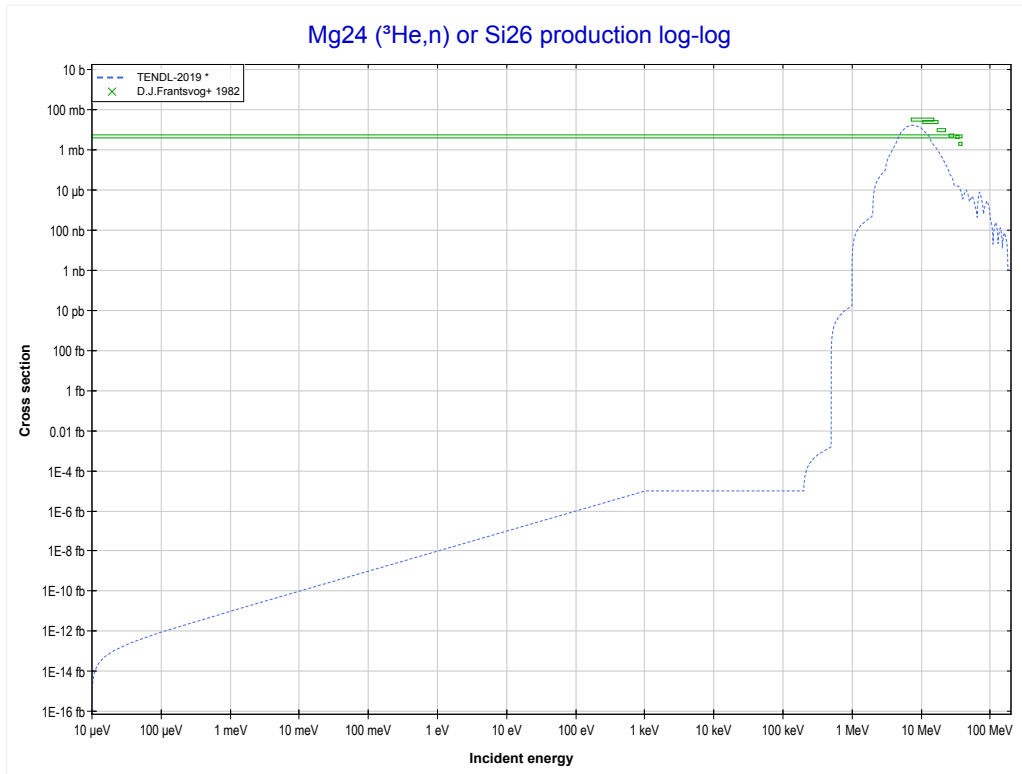
Reaction	Q-Value
F19(He3,n+α)F17	995.84 keV
F19(He3,d+t)F17	-16593.46 keV
F19(He3,n+p+t)F17	-18818.02 keV
F19(He3,2n+He3)F17	-19581.78 keV
F19(He3,n+2d)F17	-22850.69 keV
F19(He3,2n+p+d)F17	-25075.25 keV
F19(He3,3n+2p)F17	-27299.82 keV

<< 8-O-16	9-F-19	12-Mg-24 >>
<< MT22 (³ He,n+α)	MT107 (³He,α) or MT5 (F18 production)	12-Mg-24 MT4 (³ He,n) >>



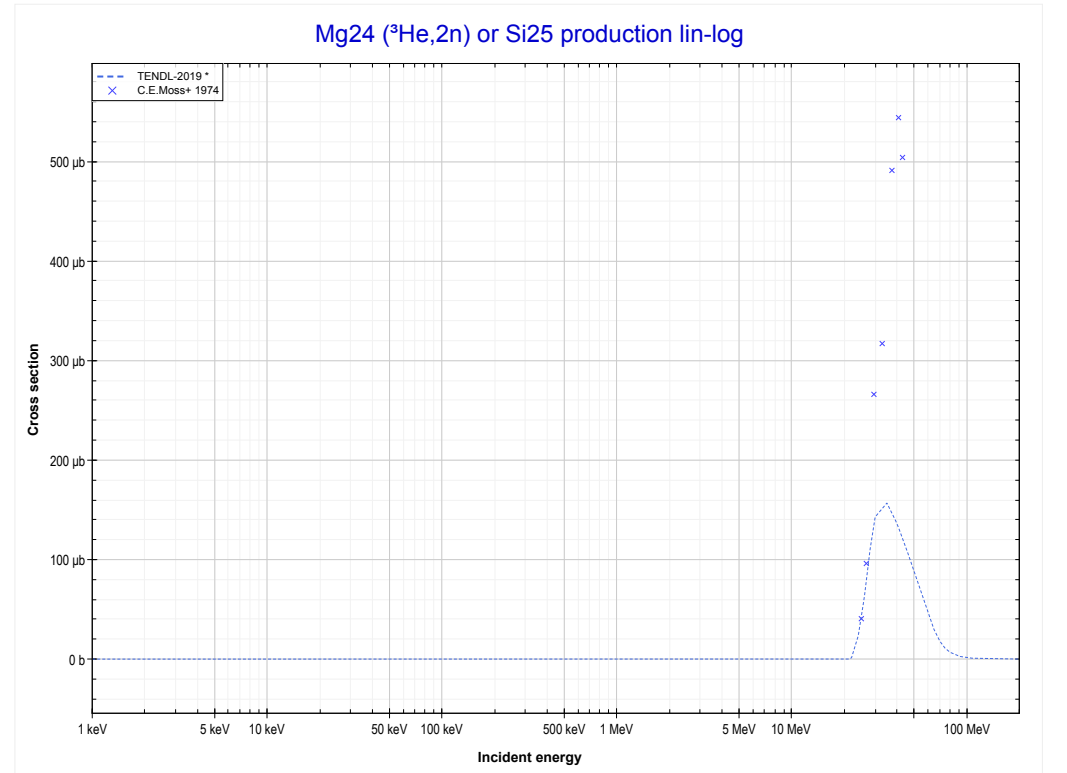
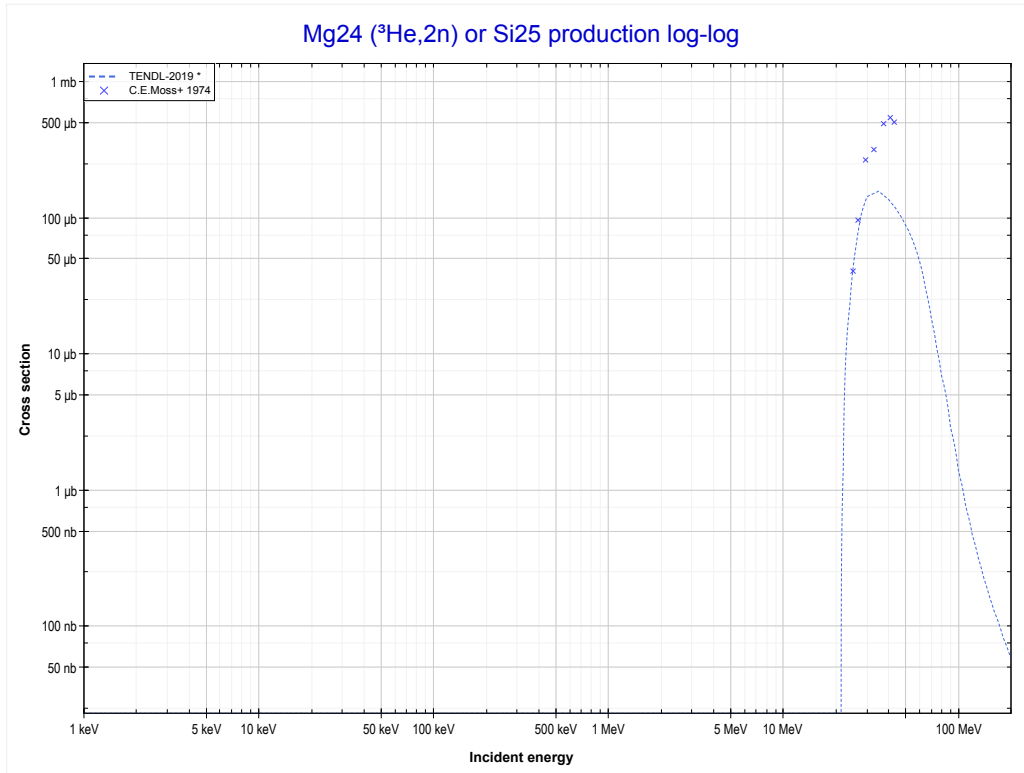
Reaction	Q-Value
F19(He3,α)F18	10145.76 keV
F19(He3,p+t)F18	-9668.11 keV
F19(He3,n+He3)F18	-10431.86 keV
F19(He3,2d)F18	-13700.77 keV
F19(He3,n+p+d)F18	-15925.34 keV
F19(He3,2n+2p)F18	-18149.90 keV

<< 6-C-12	12-Mg-24	13-Al-27 >>
<< 9-F-19 MT107 (³ He,α)	MT4 (³He,n) or MT5 (Si26 production)	MT16 (³ He,2n) >>



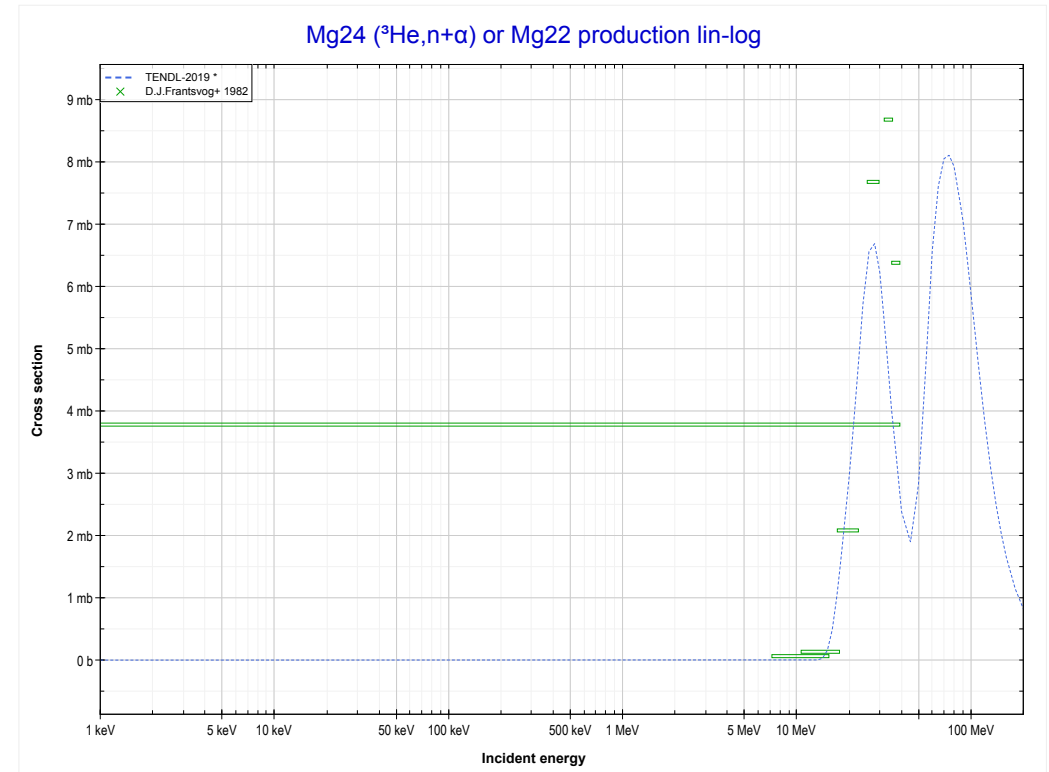
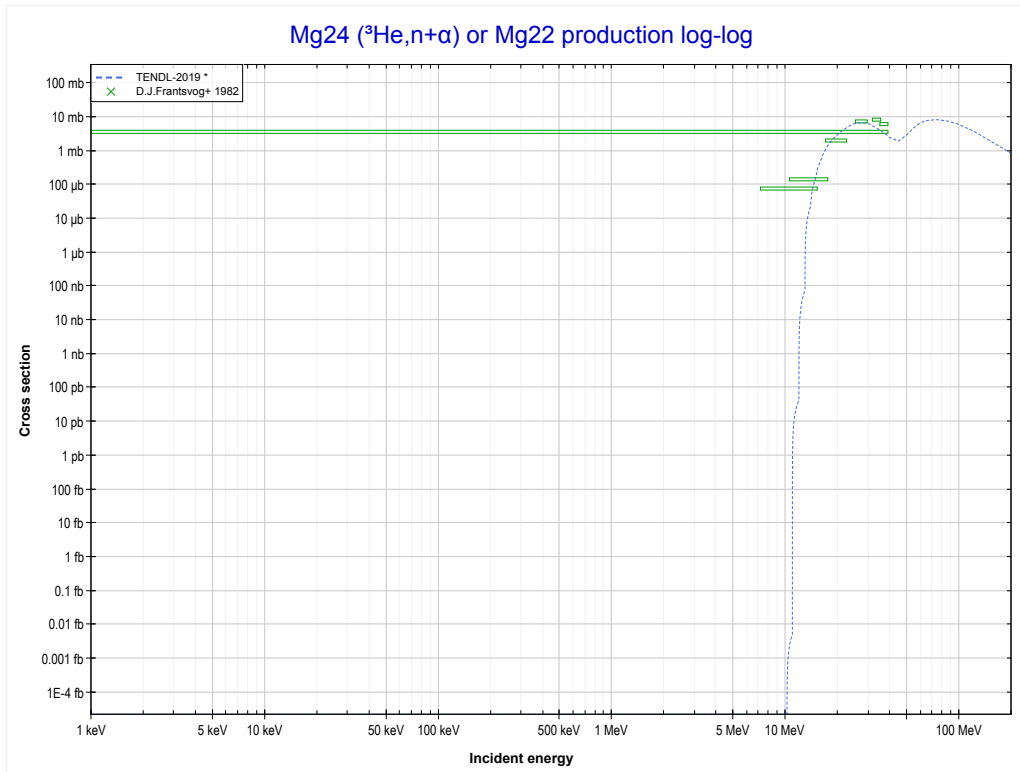
Reaction	Q-Value
Mg24(He3,n)Si26	67.35 keV

<< 4-Be-9	12-Mg-24	13-Al-27 >>
<< MT4 (³ He,n)	MT16 (³He,2n) or MT5 (Si25 production)	MT22 (³ He,n+α) >>



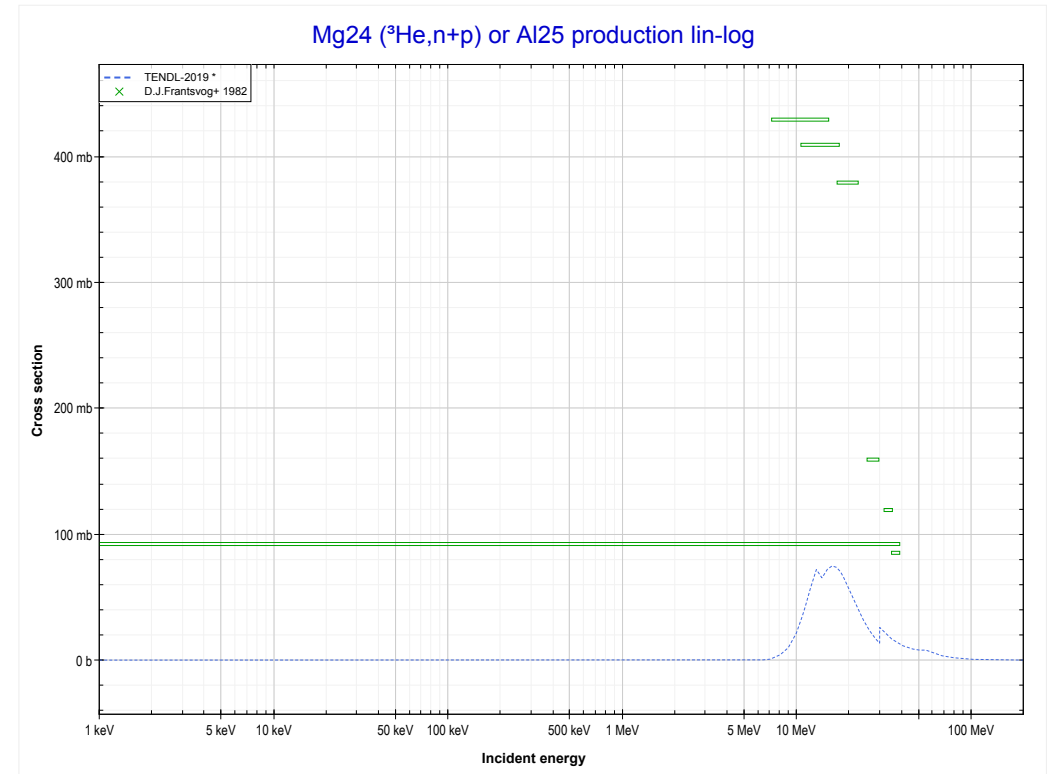
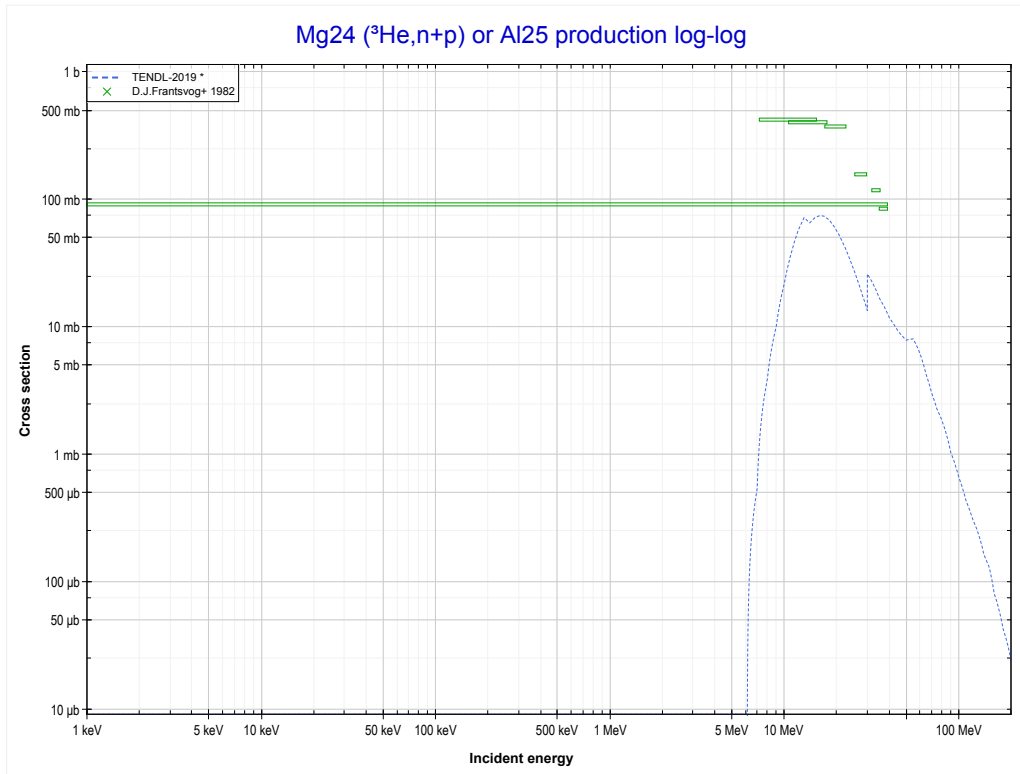
Reaction	Q-Value
Mg24(He3,2n)Si25	-18971.99 keV

<< 9-F-19	12-Mg-24	13-Al-27 >>
<< MT16 ($^3\text{He},2n$)	MT22 ($^3\text{He},n+\alpha$) or MT5 (Mg22 production)	MT28 ($^3\text{He},n+p$) >>



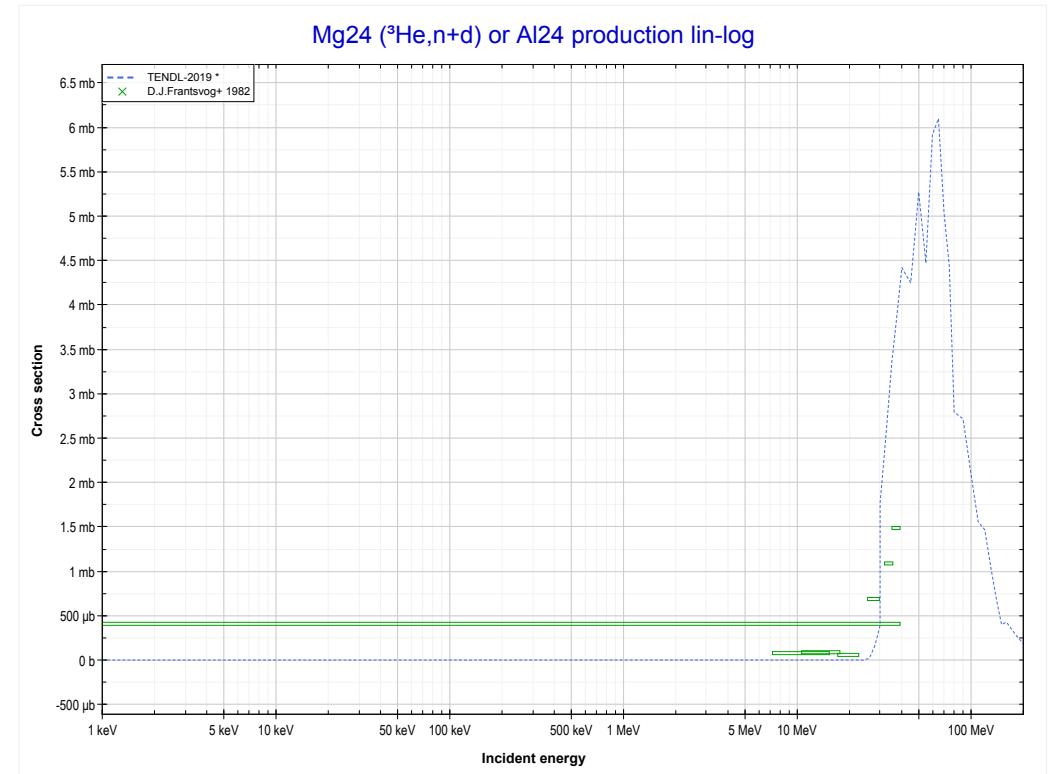
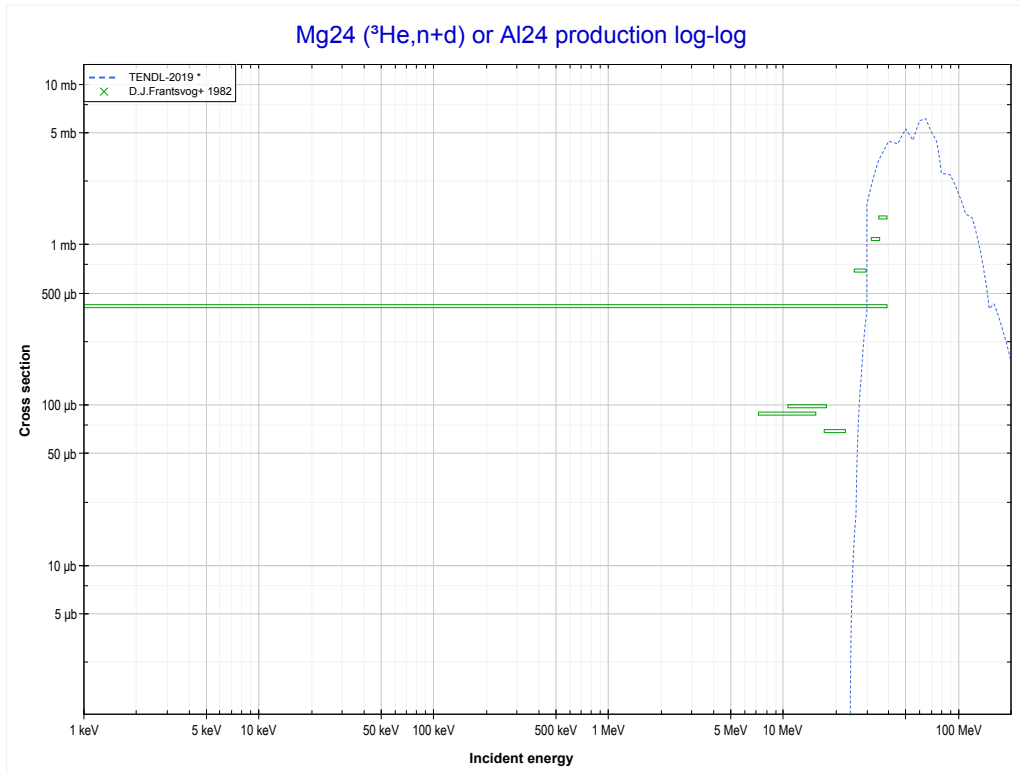
Reaction	Q-Value
Mg24(He3,n+alpha)Mg22	-9098.68 keV
Mg24(He3,d+t)Mg22	-26687.98 keV
Mg24(He3,n+p+t)Mg22	-28912.55 keV
Mg24(He3,2n+He3)Mg22	-29676.30 keV
Mg24(He3,n+2d)Mg22	-32945.21 keV
Mg24(He3,2n+p+d)Mg22	-35169.78 keV
Mg24(He3,3n+2p)Mg22	-37394.34 keV

<< 6-C-12	12-Mg-24	14-Si-28 >>
<< MT22 ($^3\text{He},n+\alpha$)	MT28 ($^3\text{He},n+p$) or MT5 (Al25 production)	MT32 ($^3\text{He},n+d$) >>



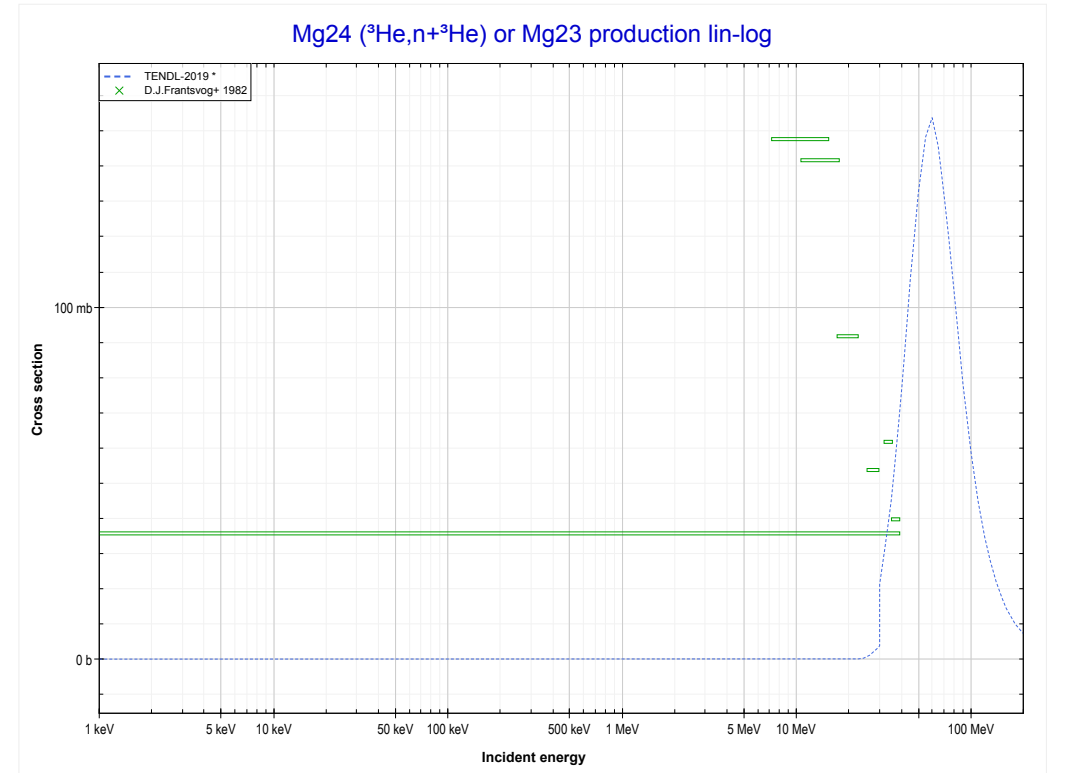
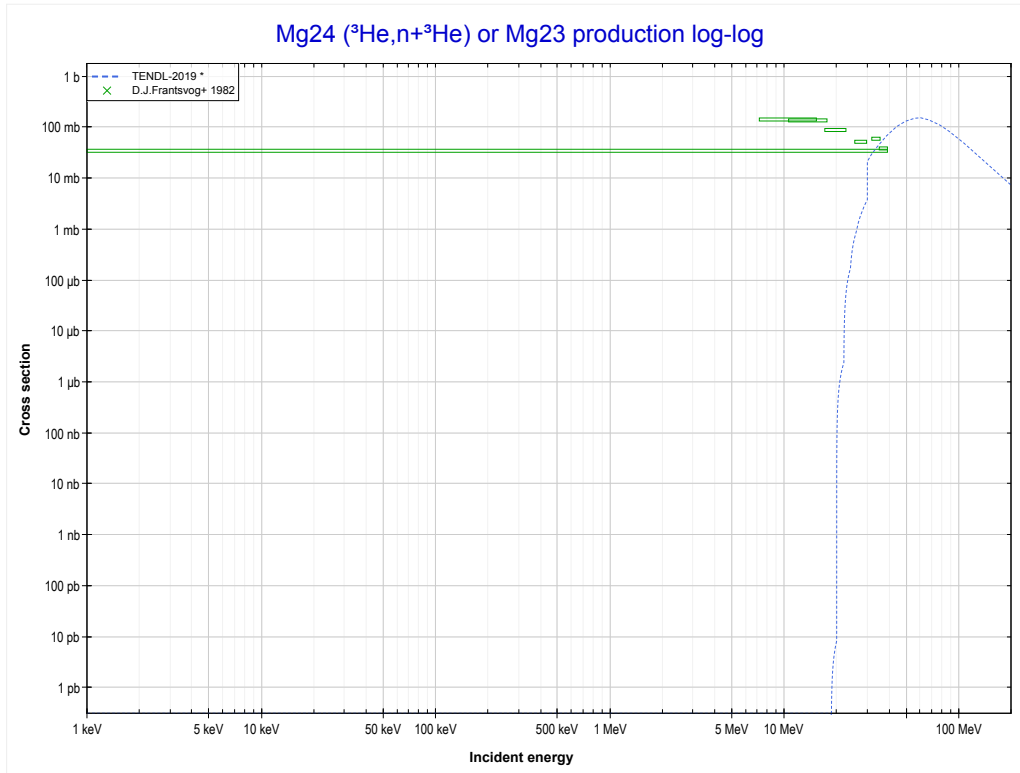
Reaction	Q-Value
Mg24(He3,d)Al25	-3222.10 keV
Mg24(He3,n+p)Al25	-5446.67 keV

	12-Mg-24	13-Al-27 >>
<< MT28 ($^3\text{He},n+p$)	MT32 ($^3\text{He},n+d$) or MT5 (Al24 production)	MT34 ($^3\text{He},n+^3\text{He}$) >>



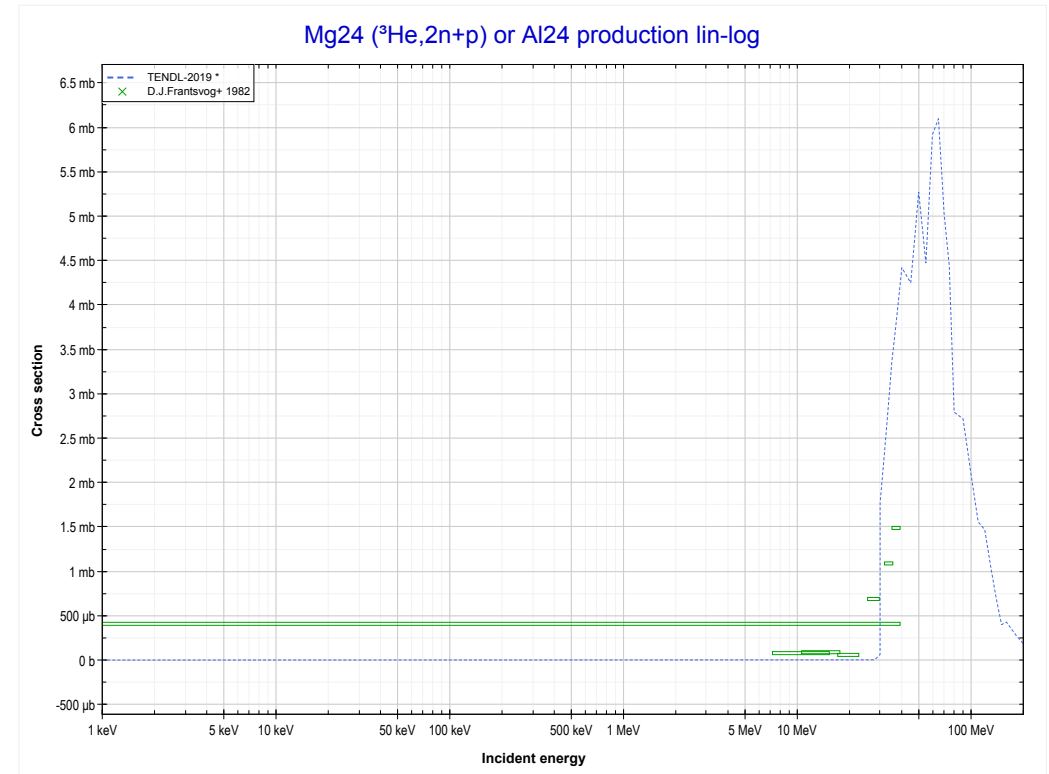
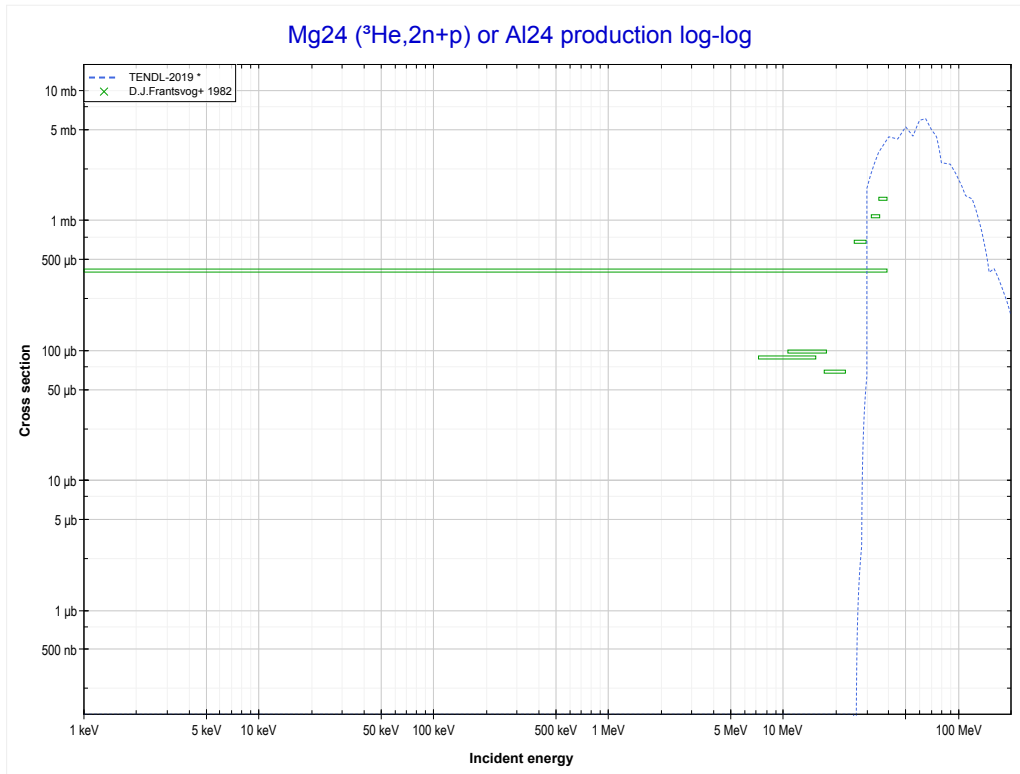
Reaction	Q-Value
Mg24(He3,t)Al24	-13903.30 keV
Mg24(He3,n+d)Al24	-20160.53 keV
Mg24(He3,2n+p)Al24	-22385.10 keV

<< 6-C-12	12-Mg-24	13-Al-27 >>
<< MT32 ($^3\text{He},n+d$)	MT34 ($^3\text{He},n+^3\text{He}$) or MT5 (Mg23 production)	MT41 ($^3\text{He},2n+p$) >>



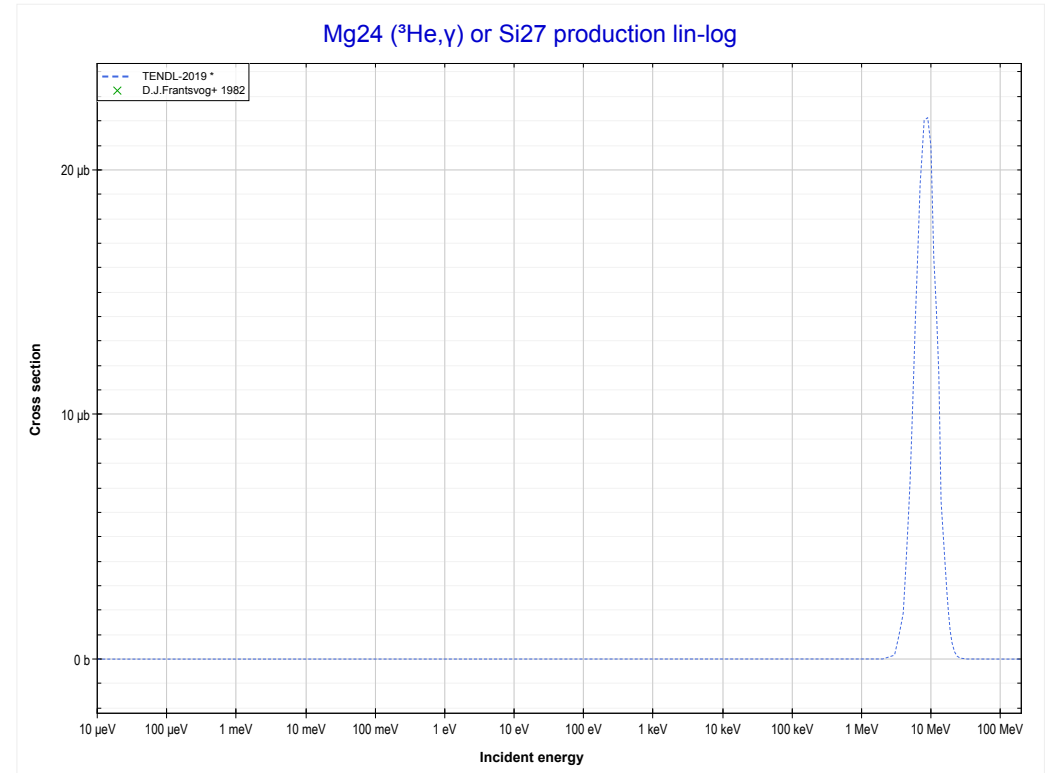
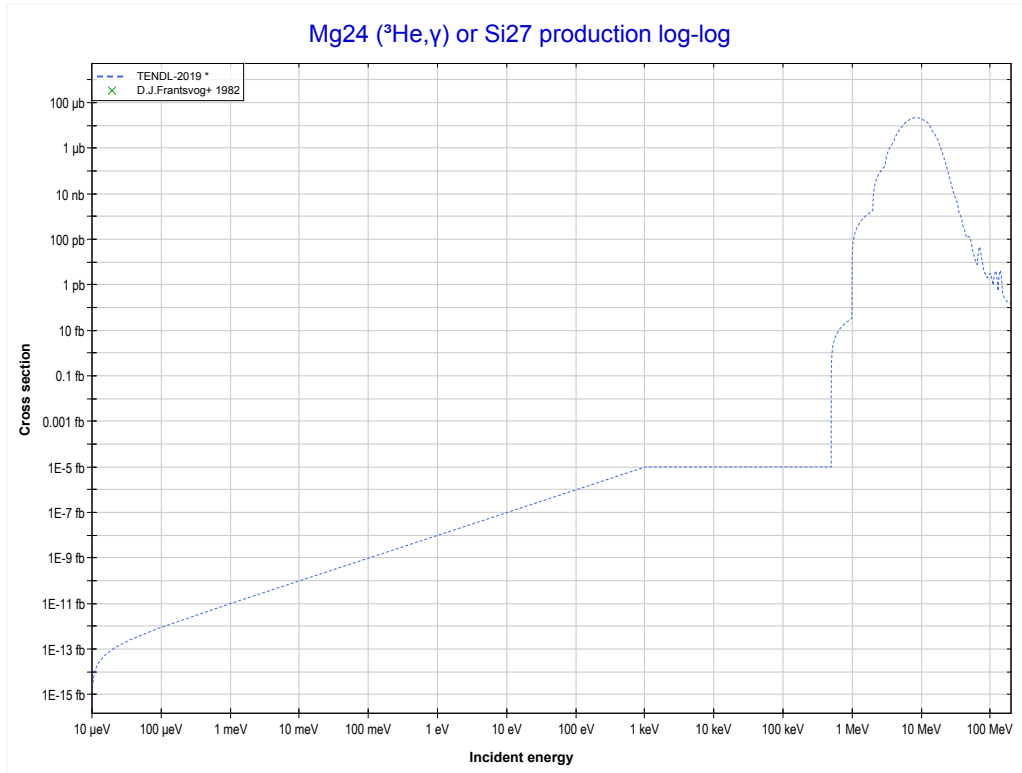
Reaction	Q-Value
Mg24(He3, α)Mg23	4046.24 keV
Mg24(He3,p+t)Mg23	-15767.62 keV
Mg24(He3,n+He3)Mg23	-16531.38 keV
Mg24(He3,2d)Mg23	-19800.28 keV
Mg24(He3,n+p+d)Mg23	-22024.85 keV
Mg24(He3,2n+2p)Mg23	-24249.42 keV

	12-Mg-24	13-Al-27 >>
<< MT34 (³He,n+³He)	MT41 (³He,2n+p) or MT5 (Al24 production)	MT102 (³He,γ) >>



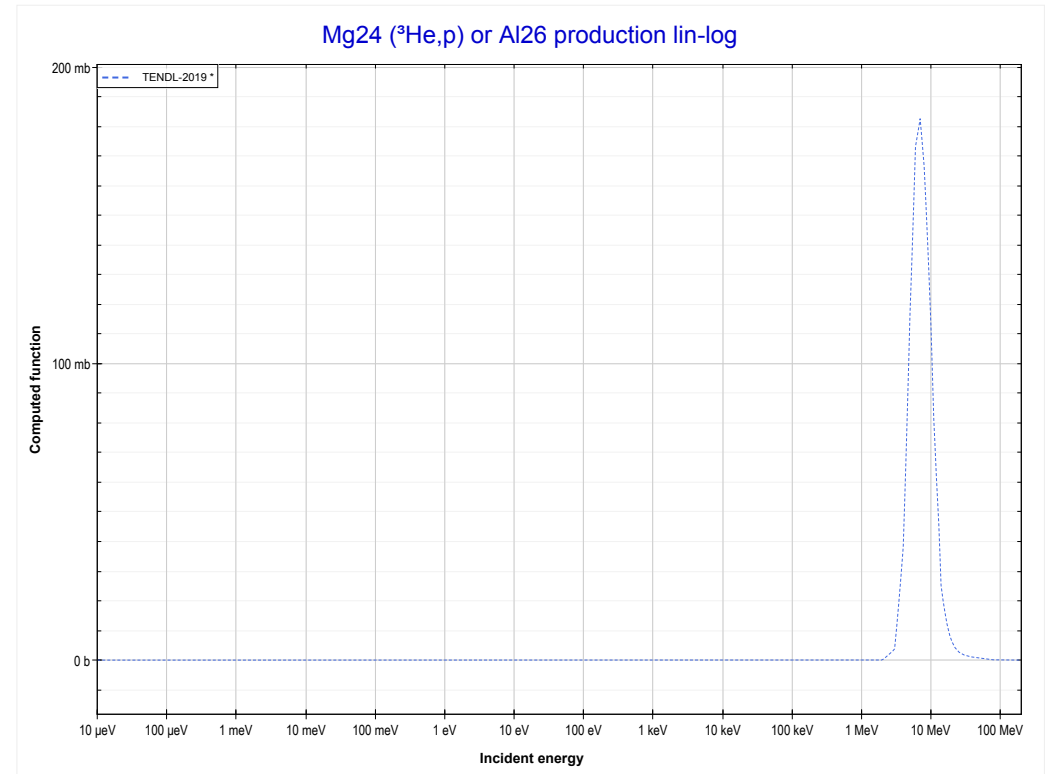
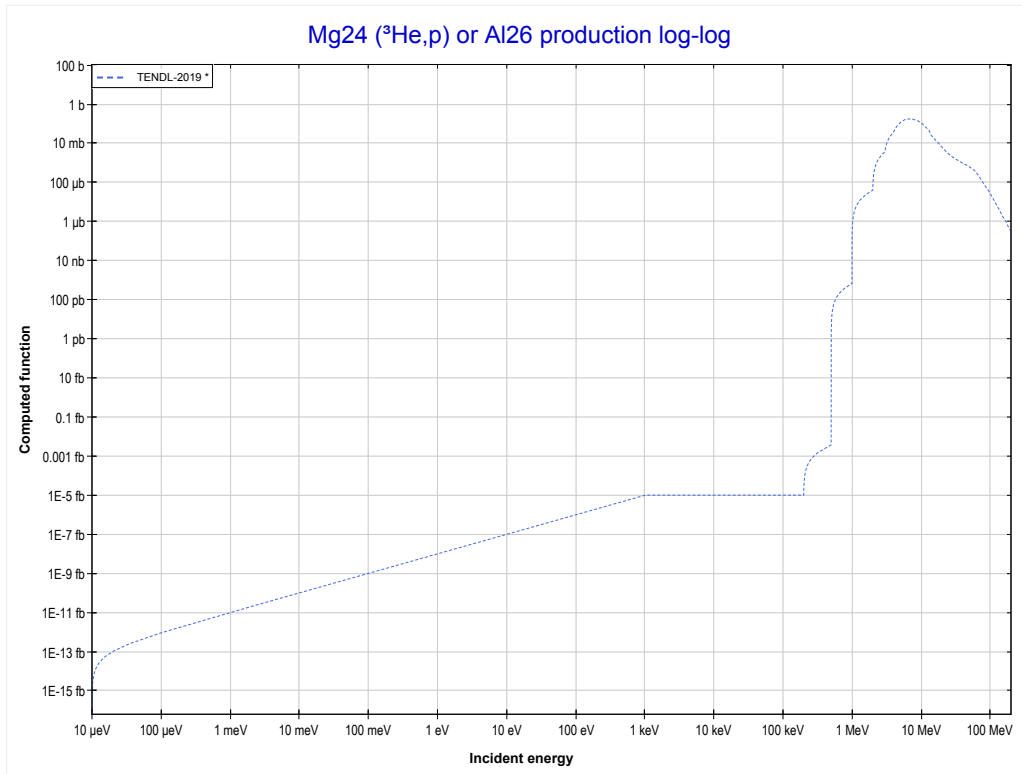
Reaction	Q-Value
Mg24(He3,t)Al24	-13903.30 keV
Mg24(He3,n+d)Al24	-20160.53 keV
Mg24(He3,2n+p)Al24	-22385.10 keV

	12-Mg-24	13-Al-27 >>
<< MT41 (³ He,2n+p)	MT102 (³He,γ) or MT5 (Si27 production)	MT103 (³ He,p) >>



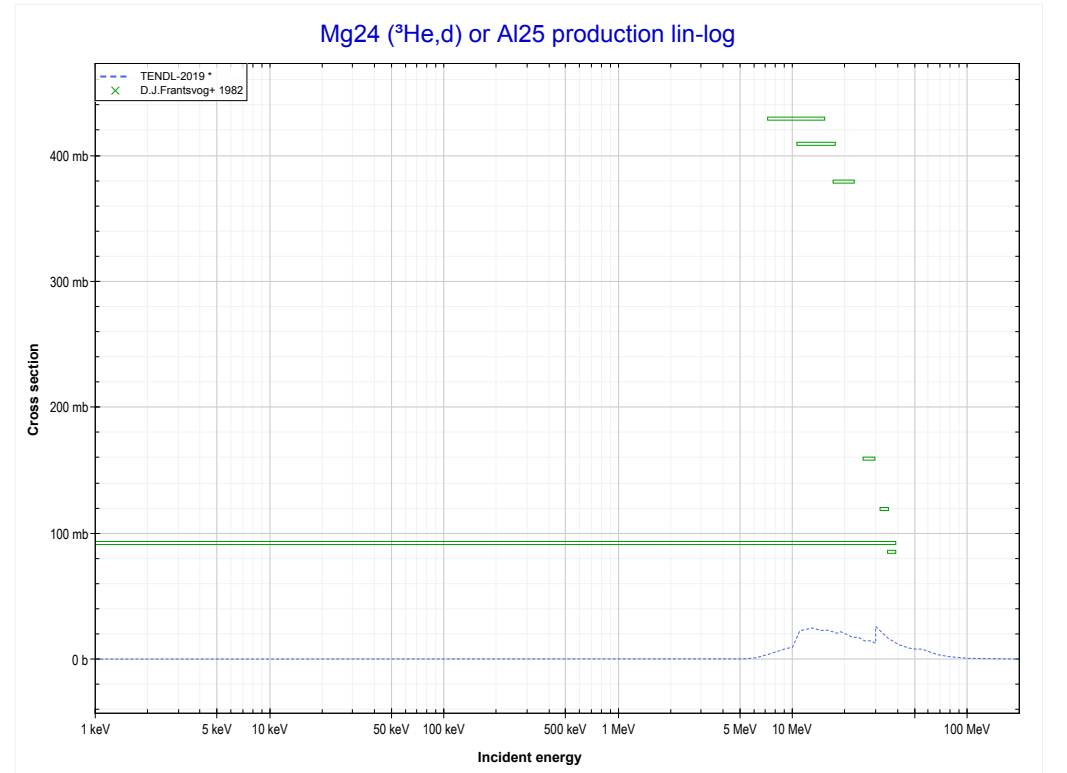
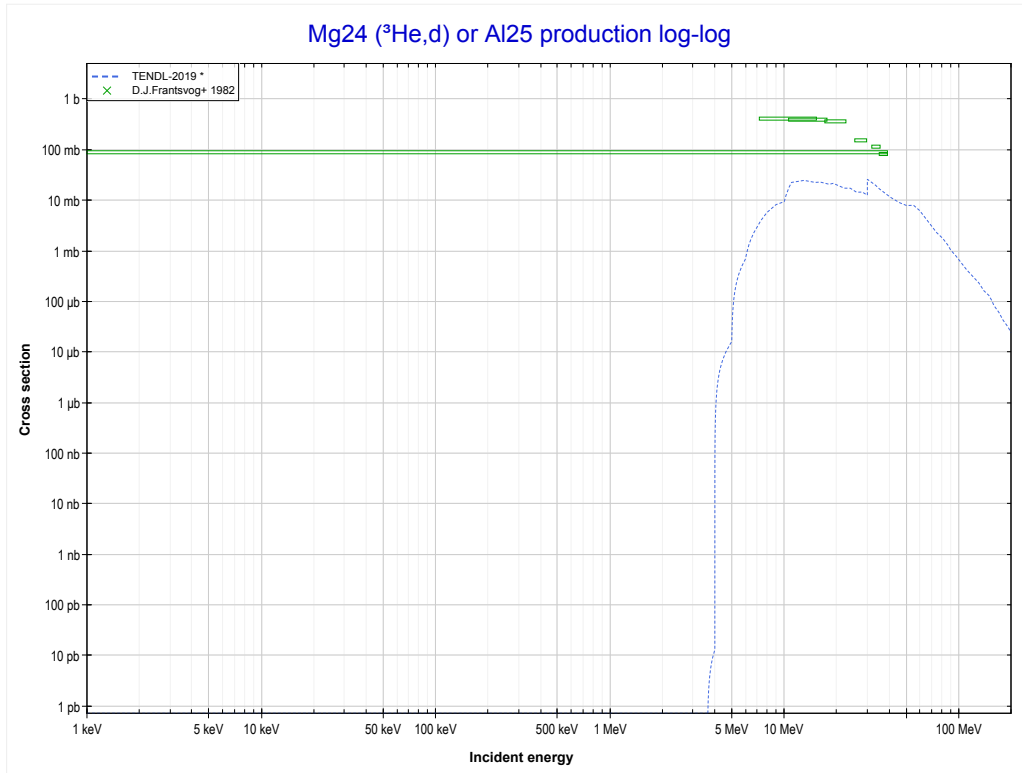
Reaction	Q-Value
Mg24(He3,γ)Si27	13382.15 keV

<< 8-O-16	12-Mg-24	12-Mg-26 >>
<< MT102 ($^3\text{He},\gamma$)	MT103 ($^3\text{He},p$) or MT5 (Al26 production)	MT104 ($^3\text{He},d$) >>



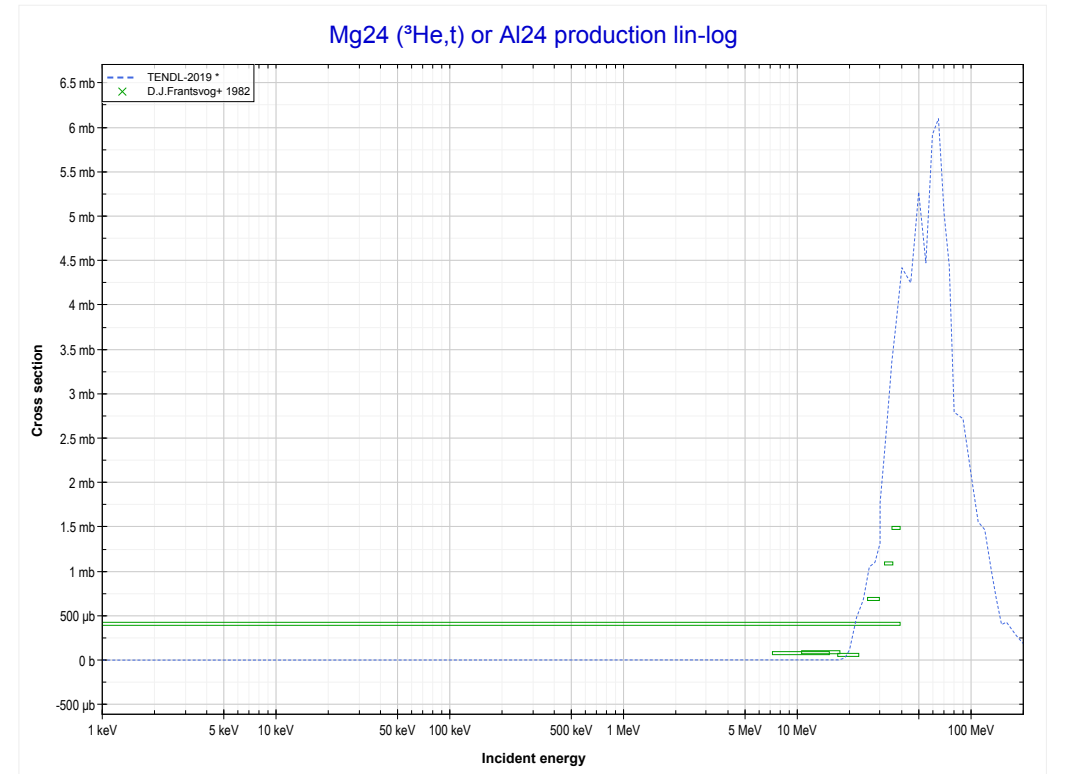
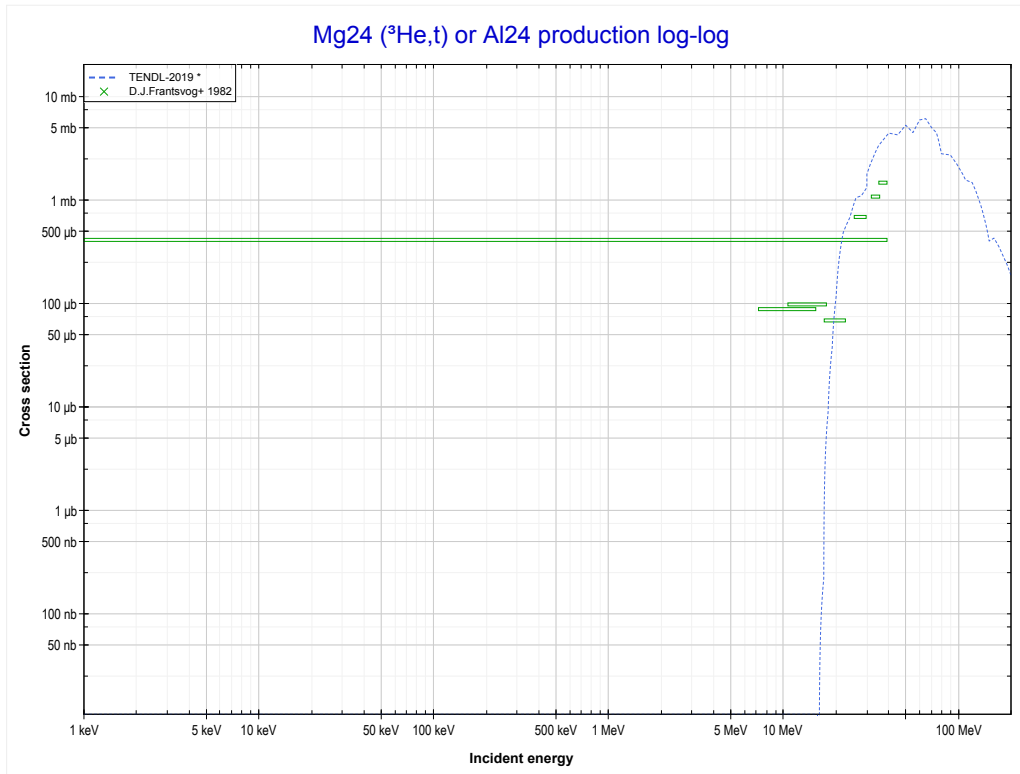
Reaction	Q-Value
Mg24(He3,p)Al26	5918.83 keV

<< 6-C-12	12-Mg-24	14-Si-28 >>
<< MT103 (³ He,p)	MT104 (³He,d) or MT5 (Al25 production)	MT105 (³ He,t) >>



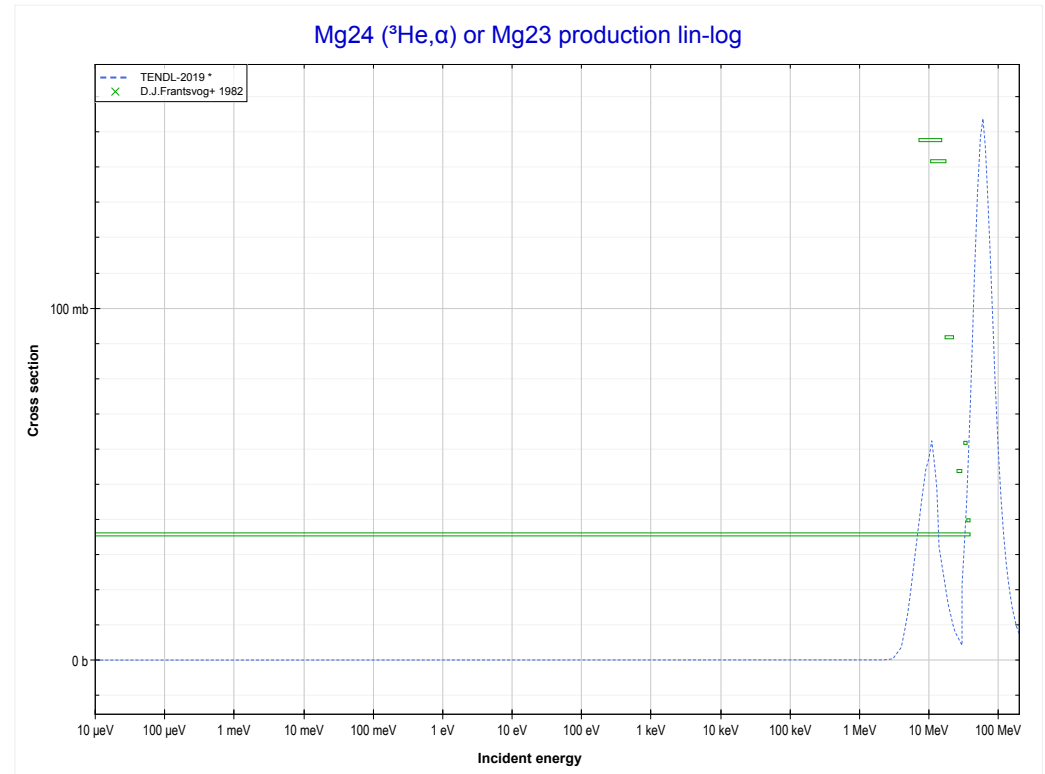
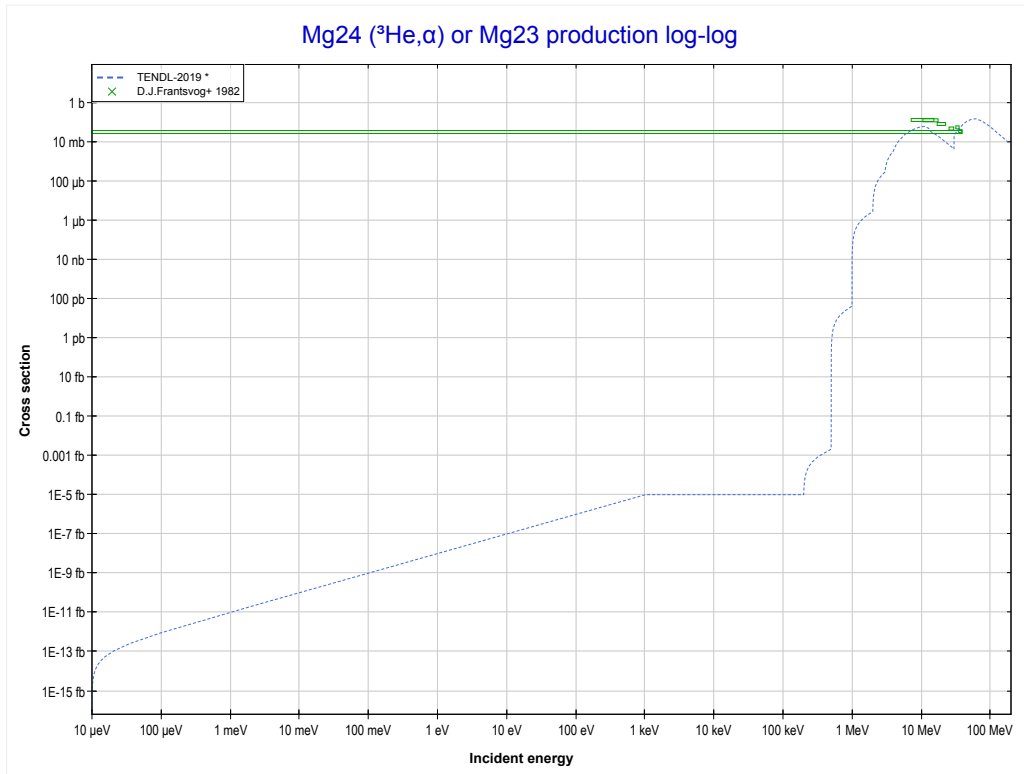
Reaction	Q-Value
Mg24(He3,d)Al25	-3222.10 keV
Mg24(He3,n+p)Al25	-5446.67 keV

<< 5-B-11	12-Mg-24	13-Al-27 >>
<< MT104 (³ He,d)	MT105 (³He,t) or MT5 (Al24 production)	MT107 (³ He,α) >>



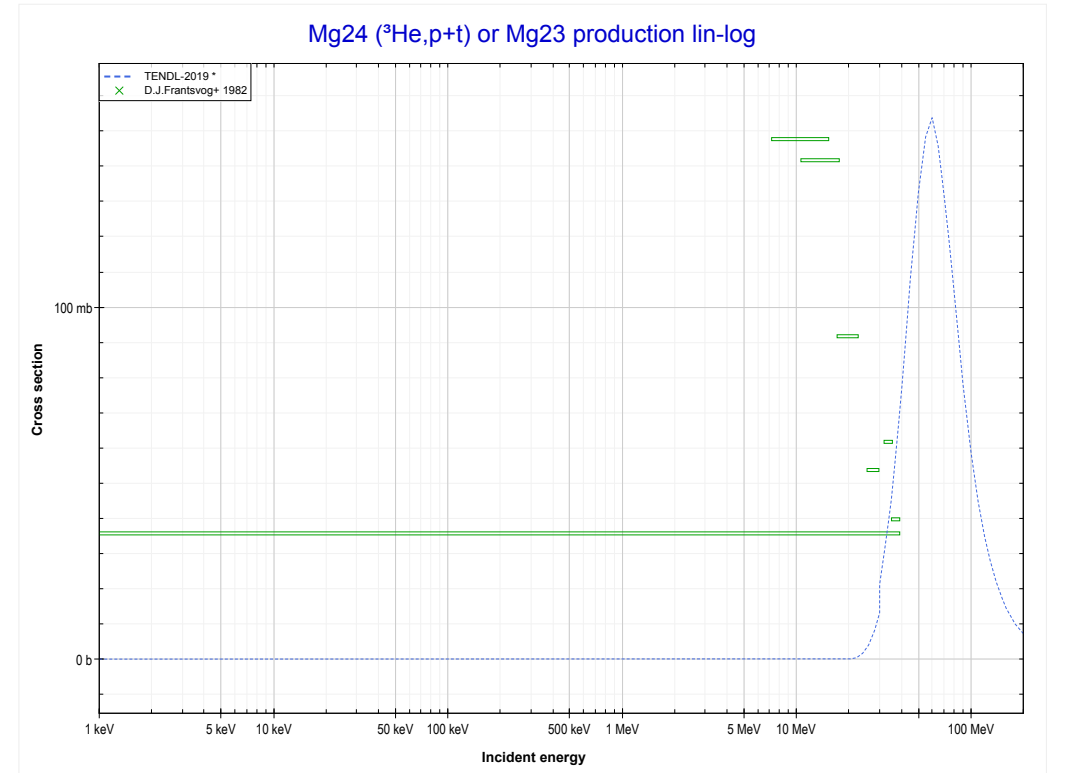
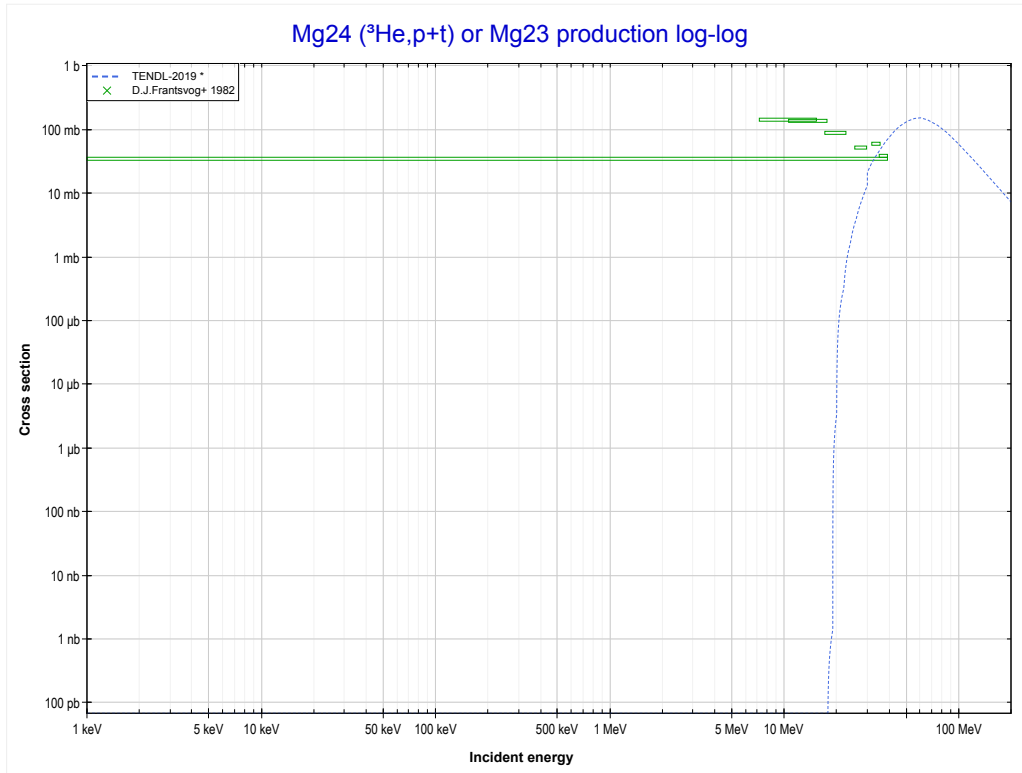
Reaction	Q-Value
Mg24(He3,t)Al24	-13903.30 keV
Mg24(He3,n+d)Al24	-20160.53 keV
Mg24(He3,2n+p)Al24	-22385.10 keV

<< 9-F-19	12-Mg-24	13-Al-27 >>
<< MT105 (³ He,t)	MT107 (³He,α) or MT5 (Mg23 production)	MT116 (³ He,p+t) >>



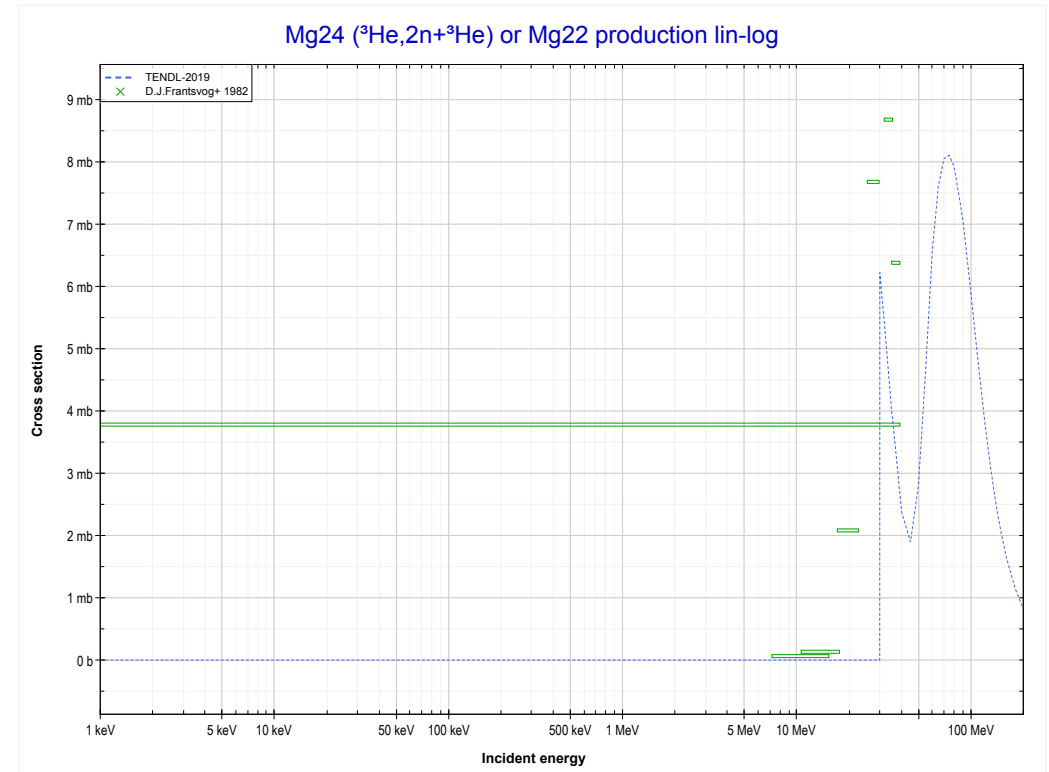
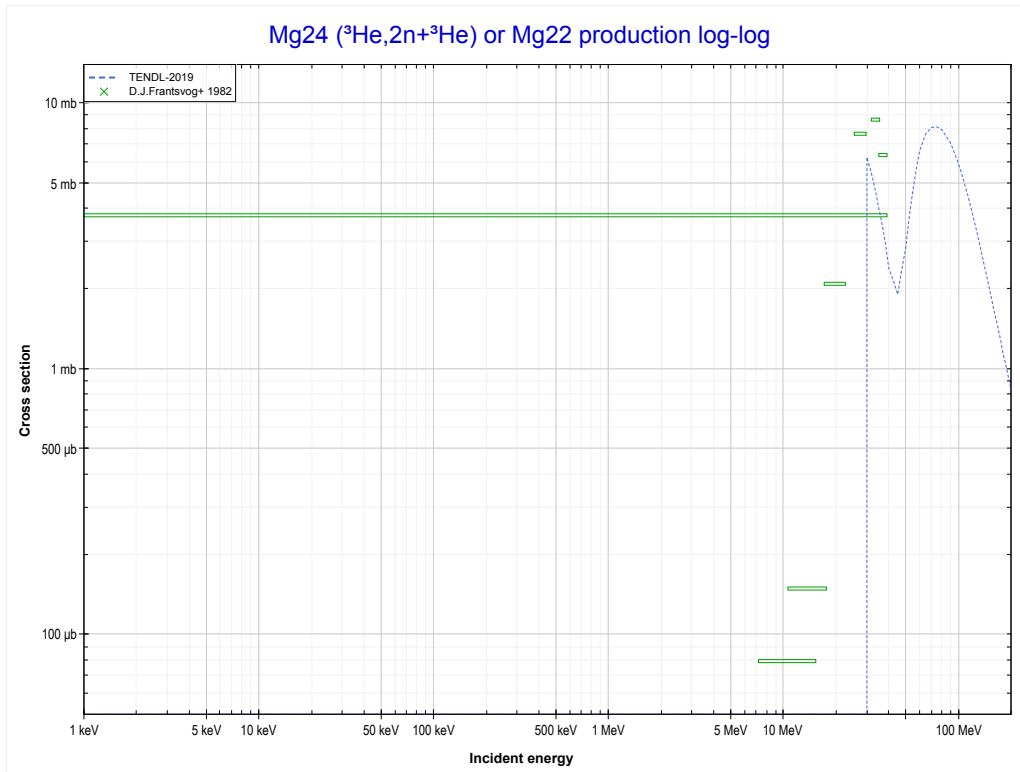
Reaction	Q-Value
Mg24(He3,α)Mg23	4046.24 keV
Mg24(He3,p+t)Mg23	-15767.62 keV
Mg24(He3,n+He3)Mg23	-16531.38 keV
Mg24(He3,2d)Mg23	-19800.28 keV
Mg24(He3,n+p+d)Mg23	-22024.85 keV
Mg24(He3,2n+2p)Mg23	-24249.42 keV

<< 6-C-12	12-Mg-24	13-Al-27 >>
<< MT107 ($^3\text{He},\alpha$)	MT116 ($^3\text{He},p+t$) or MT5 (Mg23 production)	MT176 ($^3\text{He},2n+^3\text{He}$) >>



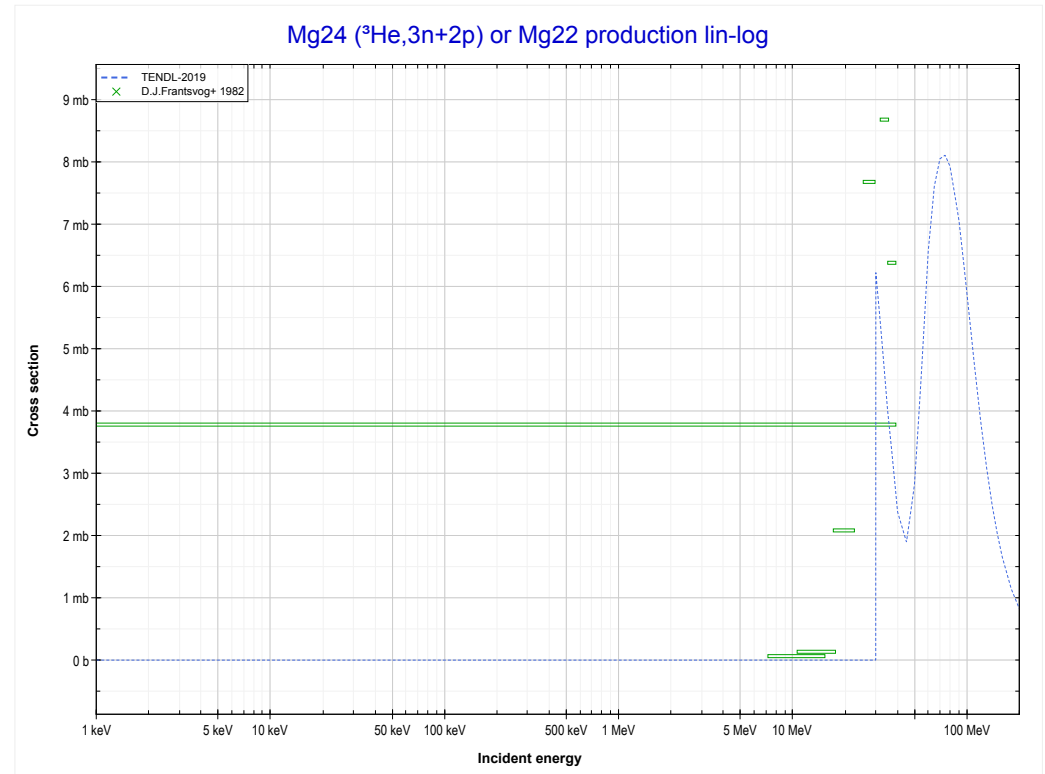
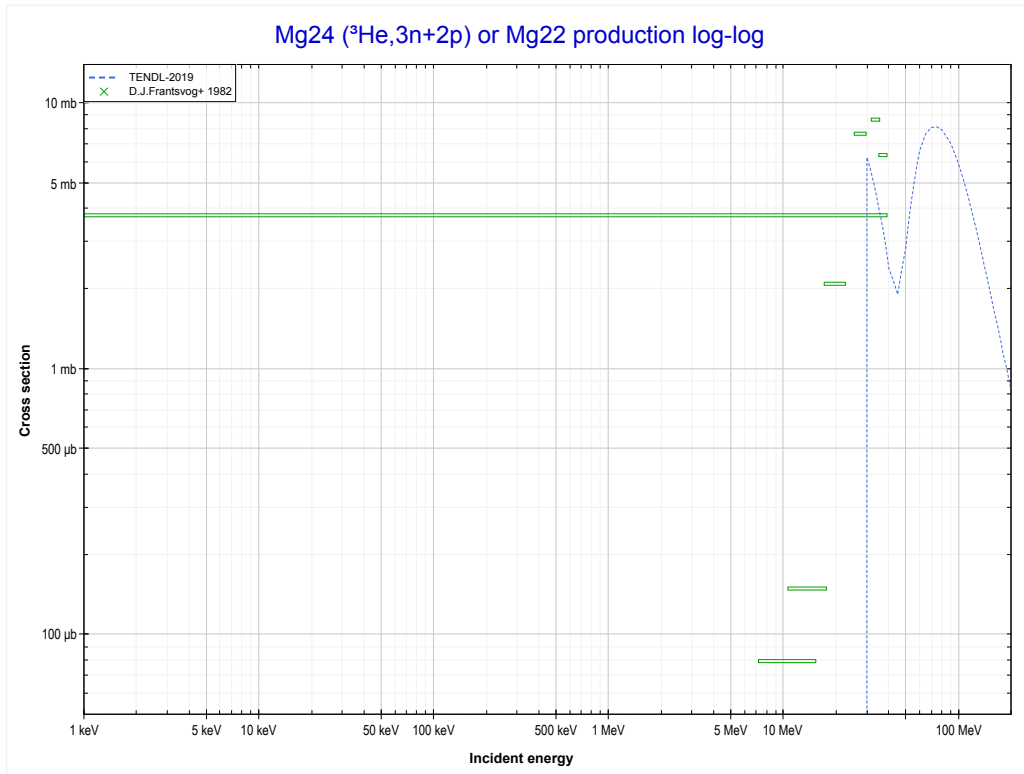
Reaction	Q-Value
Mg24(He3, α)Mg23	4046.24 keV
Mg24(He3,p+t)Mg23	-15767.62 keV
Mg24(He3,n+He3)Mg23	-16531.38 keV
Mg24(He3,2d)Mg23	-19800.28 keV
Mg24(He3,n+p+d)Mg23	-22024.85 keV
Mg24(He3,2n+2p)Mg23	-24249.42 keV

<< 6-C-12	12-Mg-24	13-Al-27 >>
<< MT116 (³ He,p+t)	MT176 (³He,2n+³He) or MT5 (Mg22 production)	MT179 (³ He,3n+2p) >>



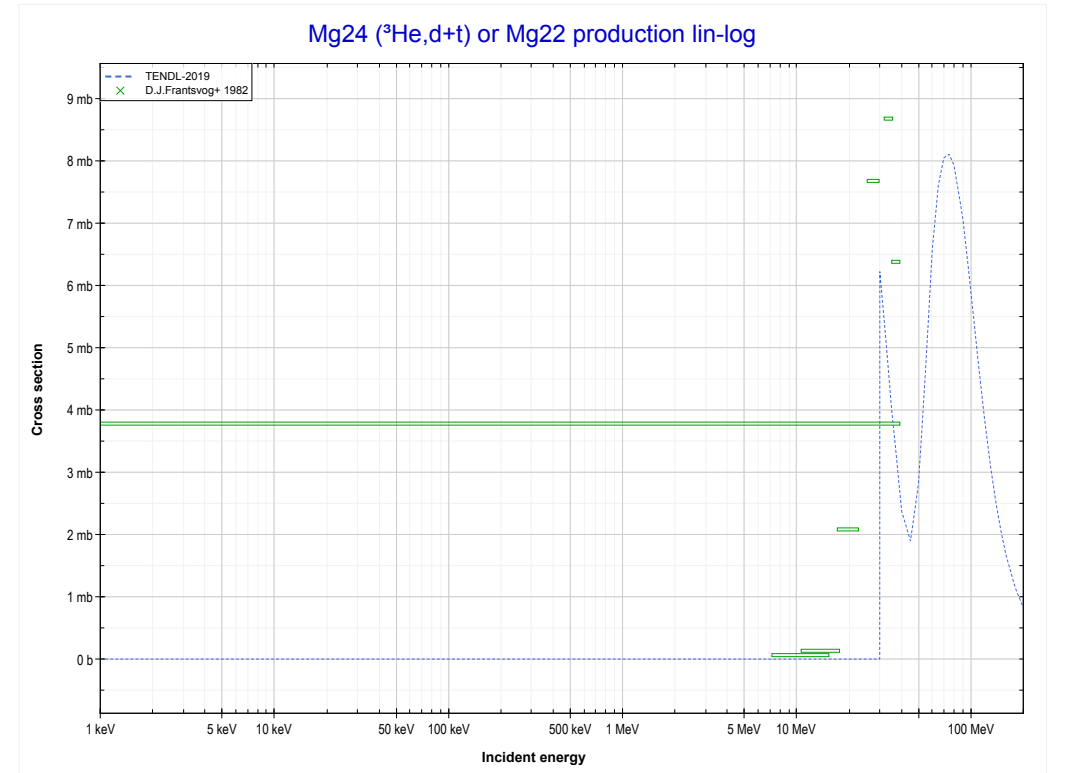
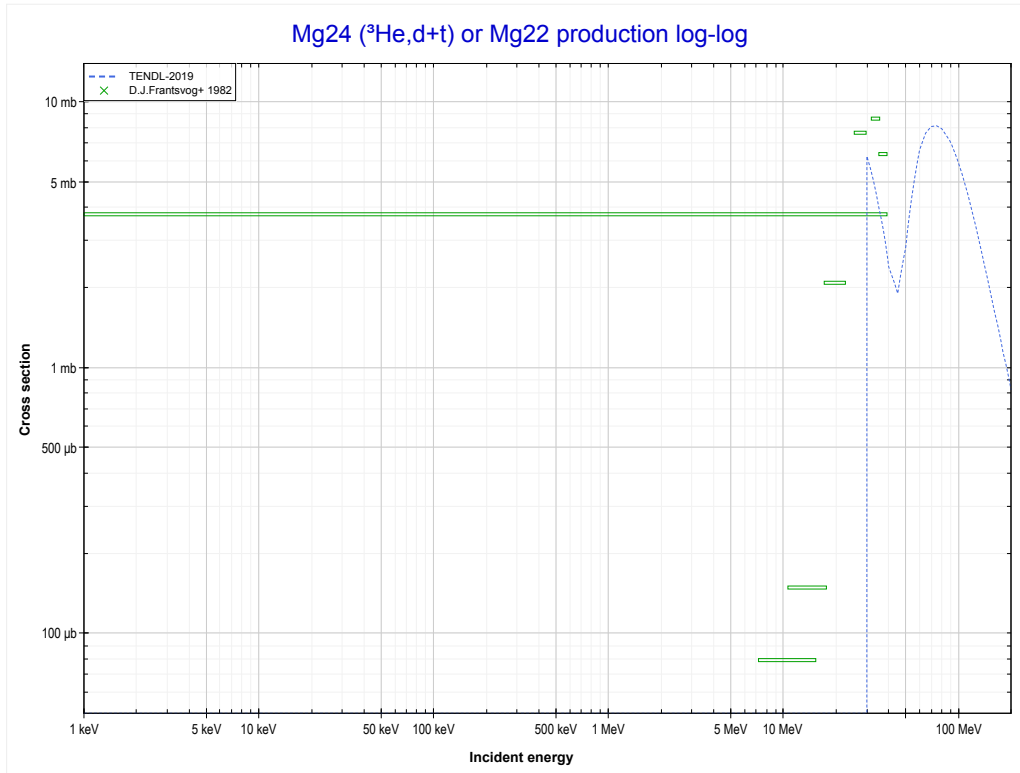
Reaction	Q-Value
Mg24(He3,n+α)Mg22	-9098.68 keV
Mg24(He3,d+t)Mg22	-26687.98 keV
Mg24(He3,n+p+t)Mg22	-28912.55 keV
Mg24(He3,2n+He3)Mg22	-29676.30 keV
Mg24(He3,n+2d)Mg22	-32945.21 keV
Mg24(He3,2n+p+d)Mg22	-35169.78 keV
Mg24(He3,3n+2p)Mg22	-37394.34 keV

<< 6-C-12	12-Mg-24	13-Al-27 >>
<< MT176 ($^3\text{He},2n+^3\text{He}$)	MT179 ($^3\text{He},3n+2p$) or MT5 (Mg22 production)	MT182 ($^3\text{He},d+t$) >>



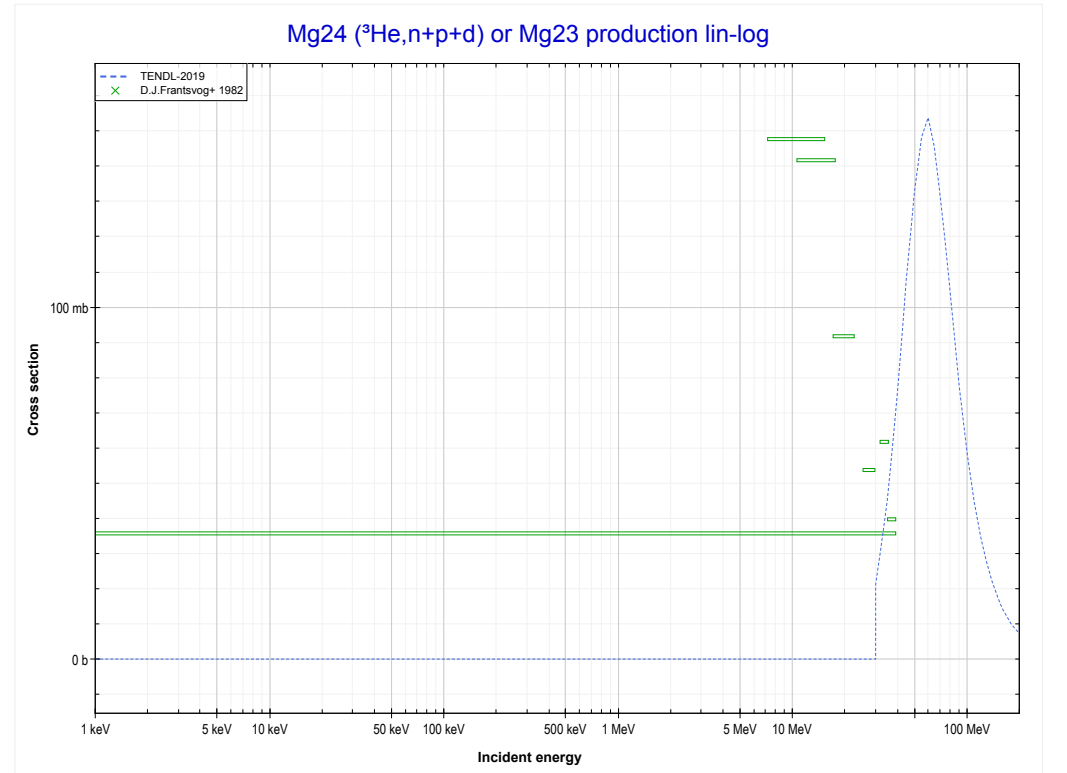
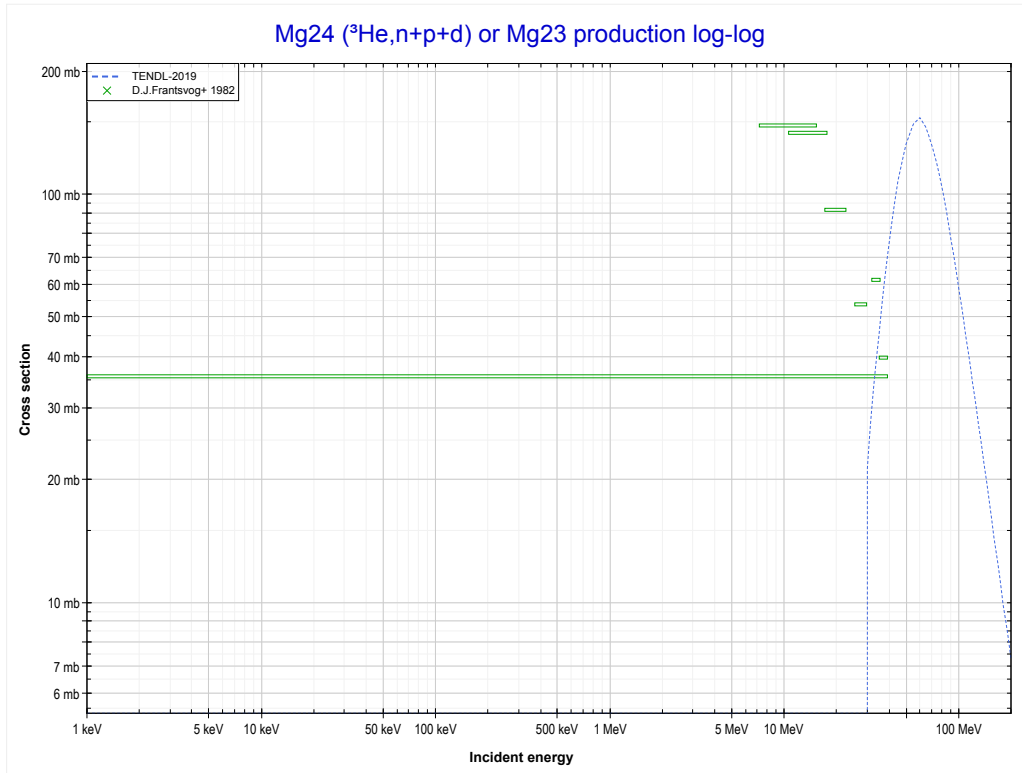
Reaction	Q-Value
Mg24(He3,n+α)Mg22	-9098.68 keV
Mg24(He3,d+t)Mg22	-26687.98 keV
Mg24(He3,n+p+t)Mg22	-28912.55 keV
Mg24(He3,2n+He3)Mg22	-29676.30 keV
Mg24(He3,n+2d)Mg22	-32945.21 keV
Mg24(He3,2n+p+d)Mg22	-35169.78 keV
Mg24(He3,3n+2p)Mg22	-37394.34 keV

<< 6-C-12	12-Mg-24	13-Al-27 >>
<< MT179 (³ He,3n+2p)	MT182 (³He,d+t) or MT5 (Mg22 production)	MT183 (³ He,n+p+d) >>



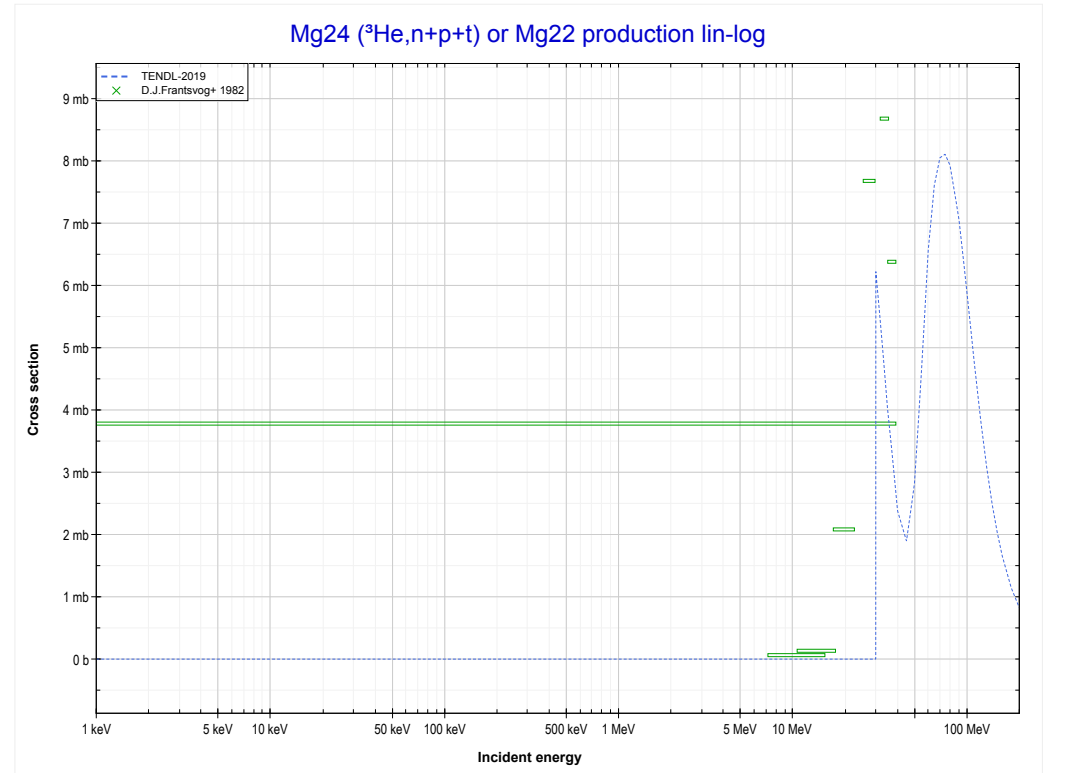
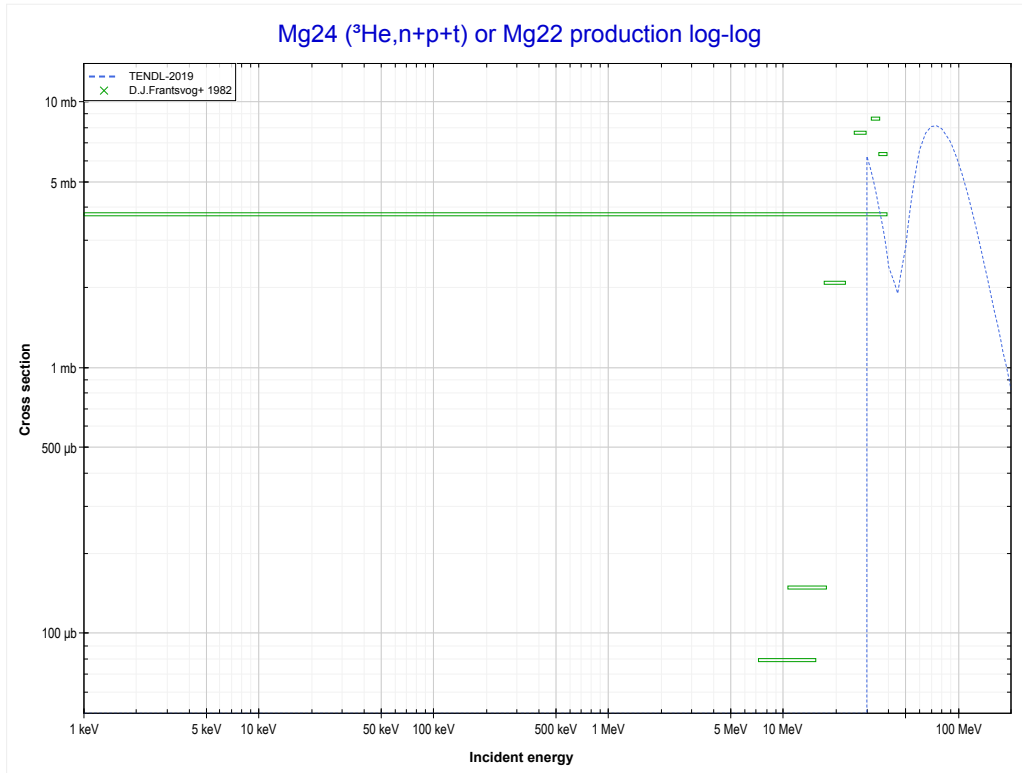
Reaction	Q-Value
Mg24(He3,n+α)Mg22	-9098.68 keV
Mg24(He3,d+t)Mg22	-26687.98 keV
Mg24(He3,n+p+t)Mg22	-28912.55 keV
Mg24(He3,2n+He3)Mg22	-29676.30 keV
Mg24(He3,n+2d)Mg22	-32945.21 keV
Mg24(He3,2n+p+d)Mg22	-35169.78 keV
Mg24(He3,3n+2p)Mg22	-37394.34 keV

<< 6-C-12	12-Mg-24	13-Al-27 >>
<< MT182 (³ He,d+t)	MT183 (³He,n+p+d) or MT5 (Mg23 production)	MT184 (³ He,n+p+t) >>



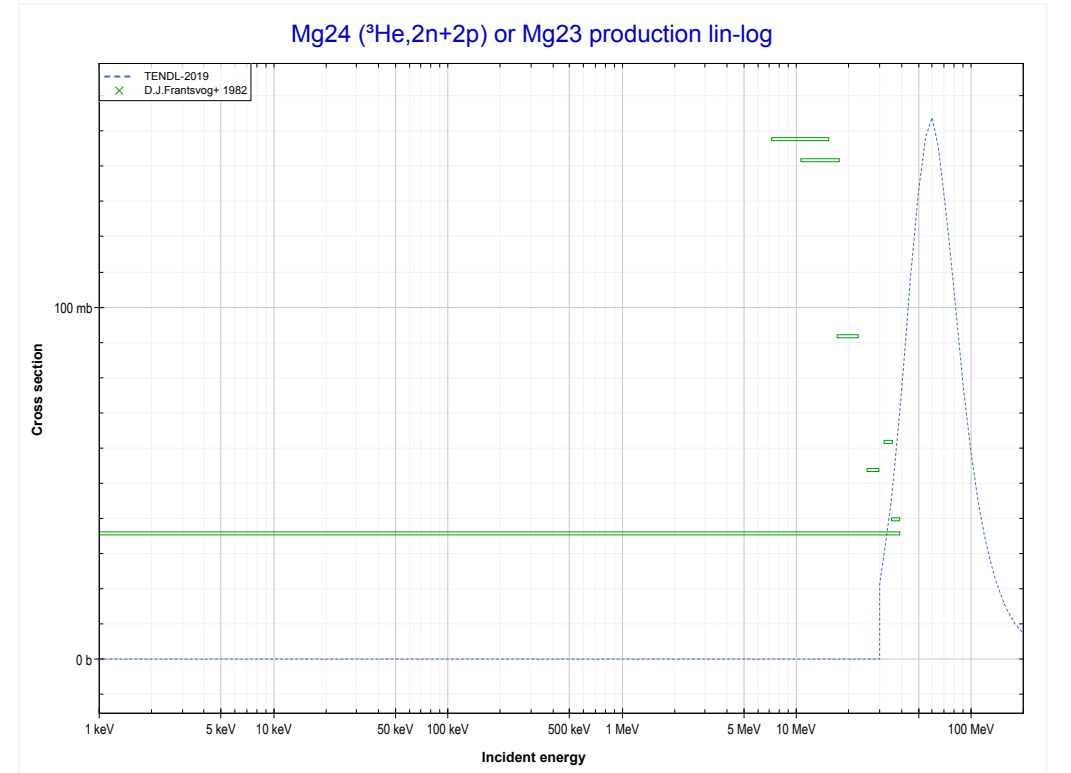
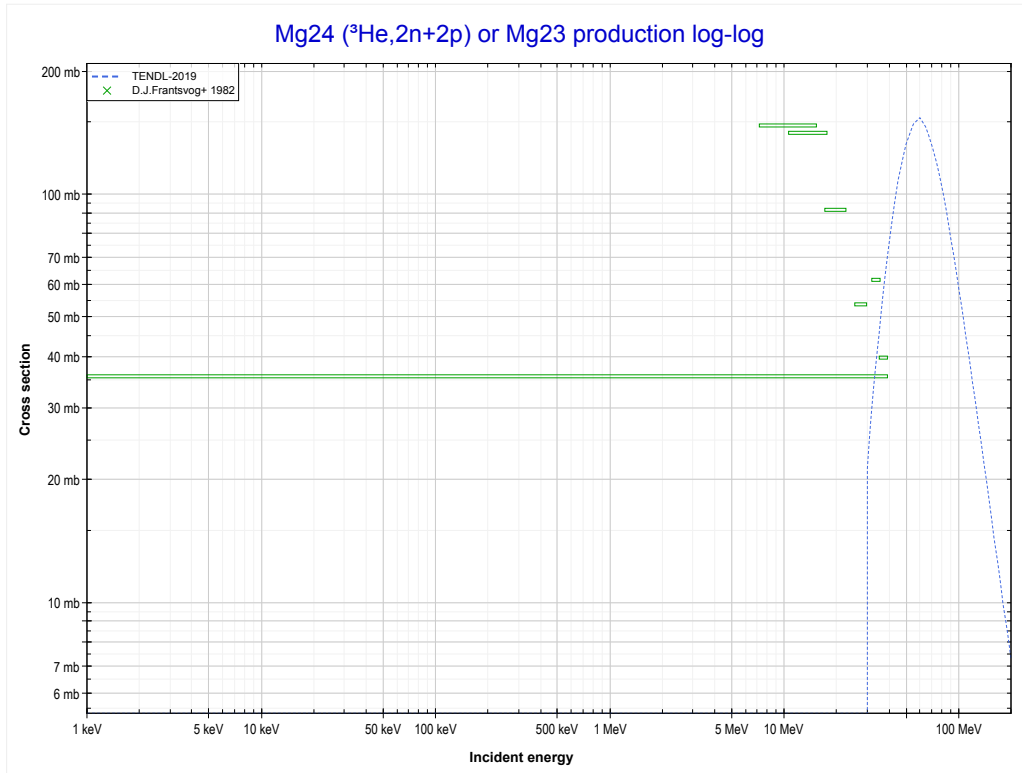
Reaction	Q-Value
Mg24(He3,α)Mg23	4046.24 keV
Mg24(He3,p+t)Mg23	-15767.62 keV
Mg24(He3,n+He3)Mg23	-16531.38 keV
Mg24(He3,2d)Mg23	-19800.28 keV
Mg24(He3,n+p+d)Mg23	-22024.85 keV
Mg24(He3,2n+2p)Mg23	-24249.42 keV

<< 6-C-12	12-Mg-24	13-Al-27 >>
<< MT183 (³ He,n+p+d)	MT184 (³He,n+p+t) or MT5 (Mg22 production)	MT190 (³ He,2n+2p) >>



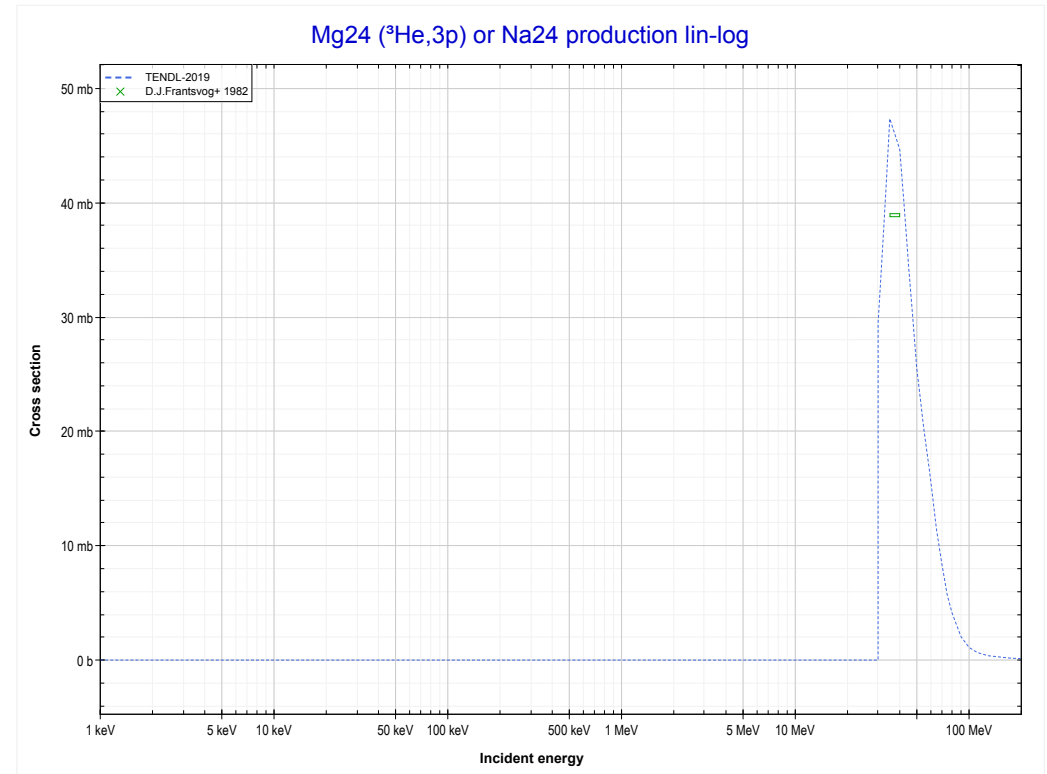
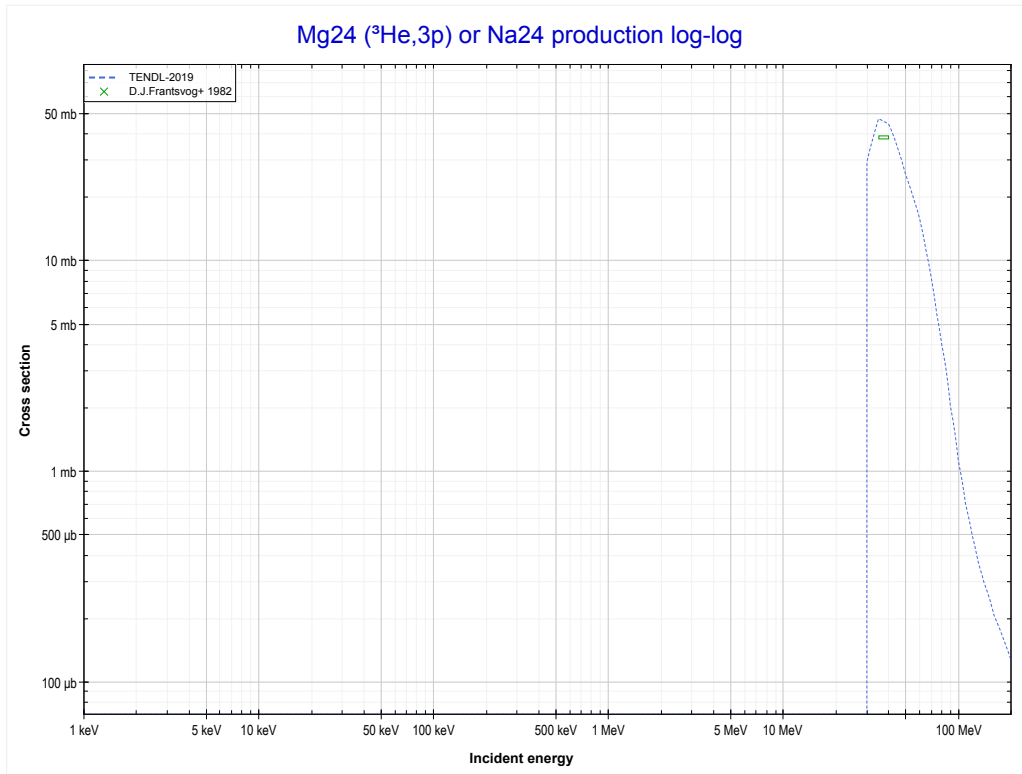
Reaction	Q-Value
Mg24(He3,n+α)Mg22	-9098.68 keV
Mg24(He3,d+t)Mg22	-26687.98 keV
Mg24(He3,n+p+t)Mg22	-28912.55 keV
Mg24(He3,2n+He3)Mg22	-29676.30 keV
Mg24(He3,n+2d)Mg22	-32945.21 keV
Mg24(He3,2n+p+d)Mg22	-35169.78 keV
Mg24(He3,3n+2p)Mg22	-37394.34 keV

<< 6-C-12	12-Mg-24	13-Al-27 >>
<< MT184 ($^3\text{He},n+p+t$)	MT190 ($^3\text{He},2n+2p$) or MT5 (Mg23 production)	MT197 ($^3\text{He},3p$) >>



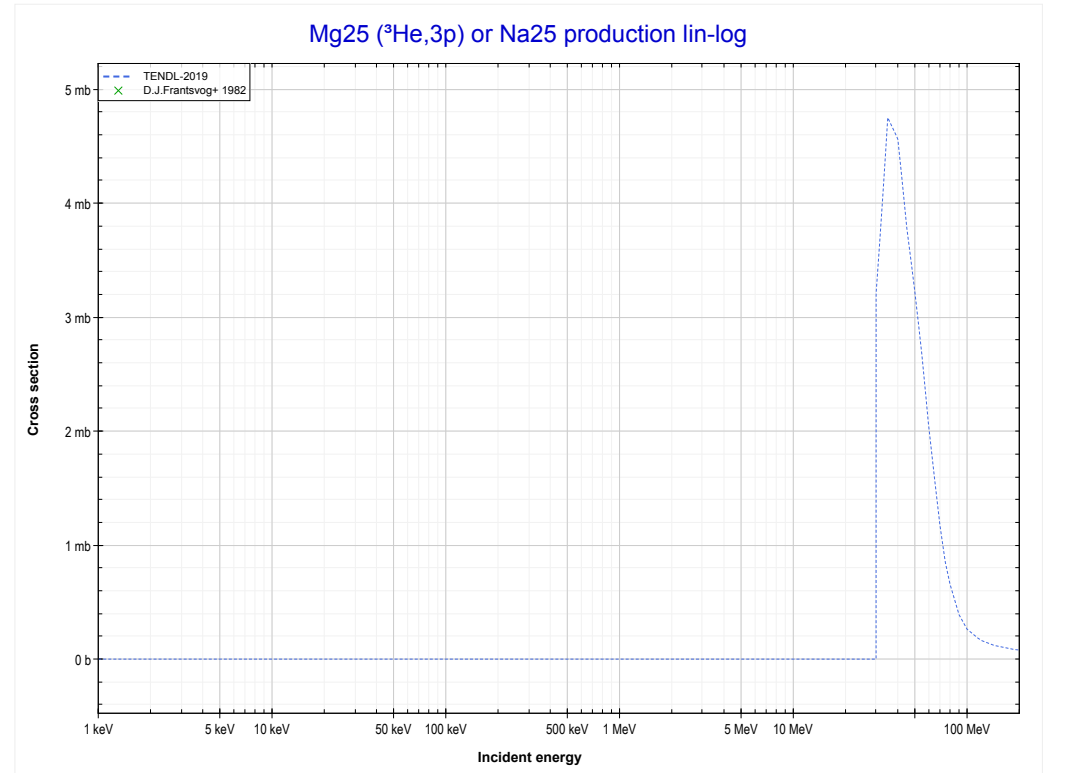
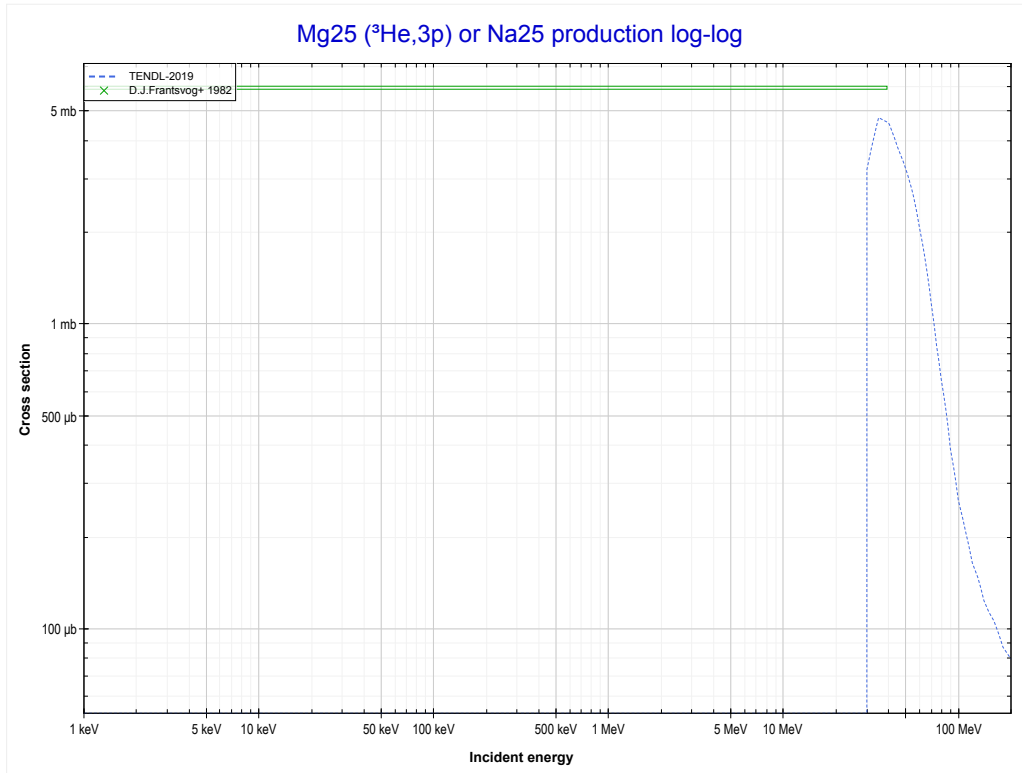
Reaction	Q-Value
Mg24(He3, α)Mg23	4046.24 keV
Mg24(He3,p+t)Mg23	-15767.62 keV
Mg24(He3,n+He3)Mg23	-16531.38 keV
Mg24(He3,2d)Mg23	-19800.28 keV
Mg24(He3,n+p+d)Mg23	-22024.85 keV
Mg24(He3,2n+2p)Mg23	-24249.42 keV

	12-Mg-24	12-Mg-25 >>
<< MT190 (³ He,2n+2p)	MT197 (³He,3p) or MT5 (Na24 production)	12-Mg-25 MT197 (³ He,3p) >>



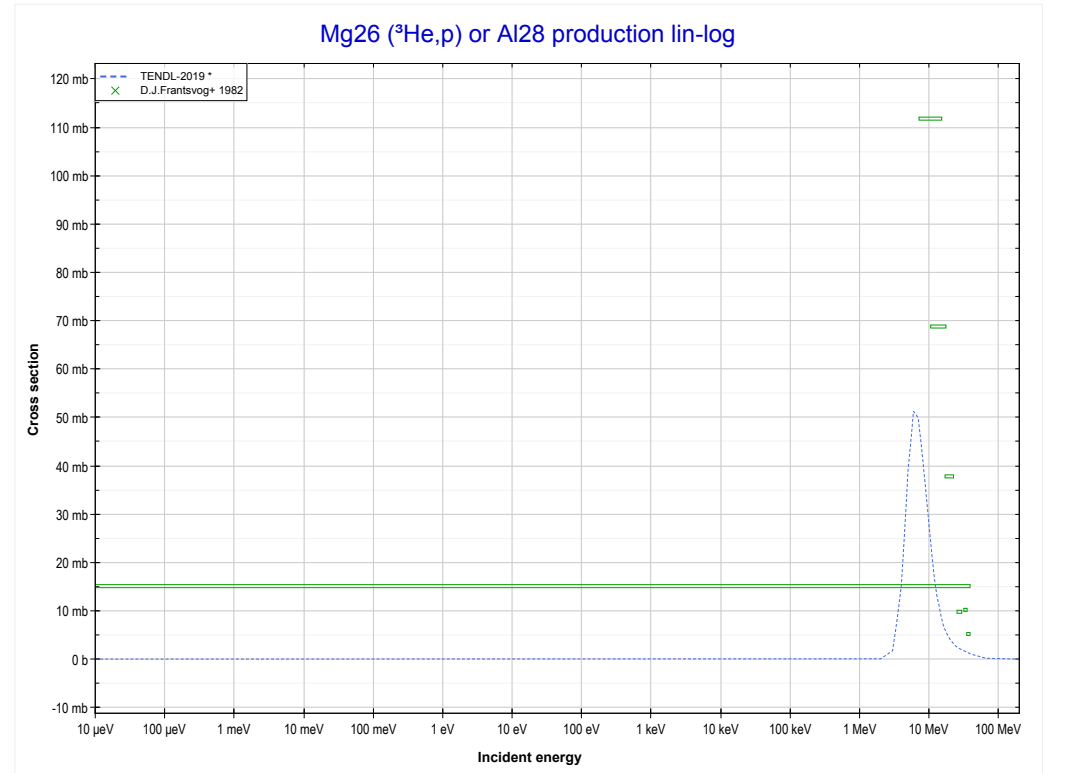
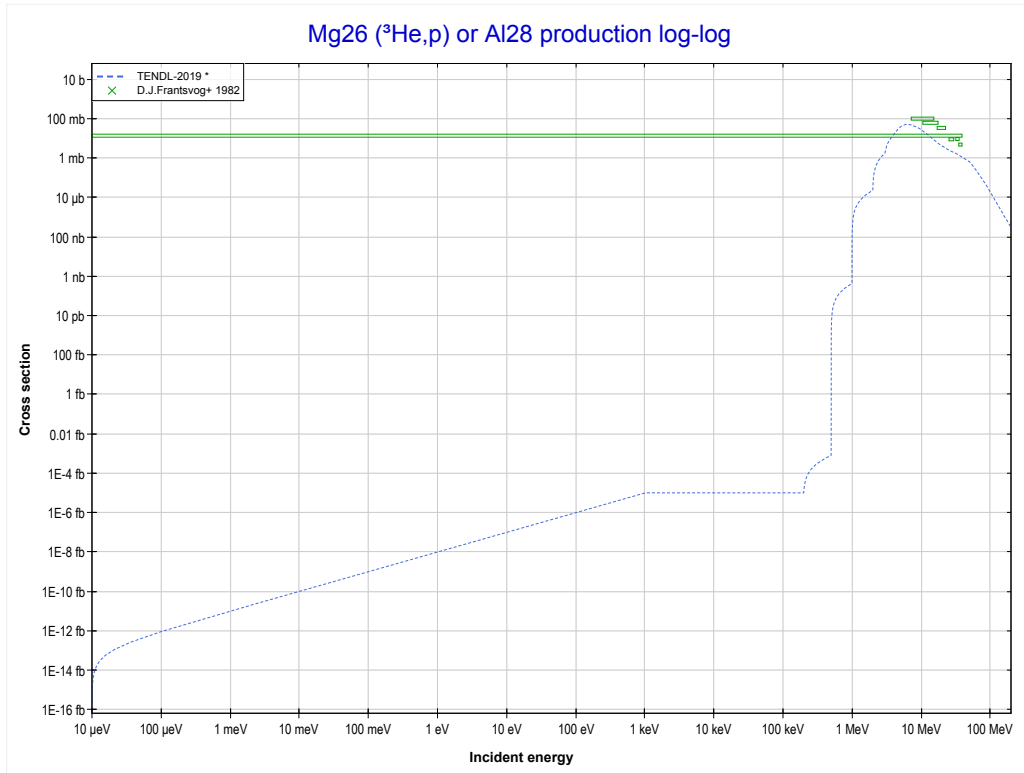
Reaction	Q-Value
Mg24(He3,3p)Na24	-12451.36 keV

<< 12-Mg-24	12-Mg-25	12-Mg-26 >>
<< 12-Mg-24 MT197 (³ He,3p)	MT197 (³He,3p) or MT5 (Na25 production)	12-Mg-26 MT103 (³ He,p) >>



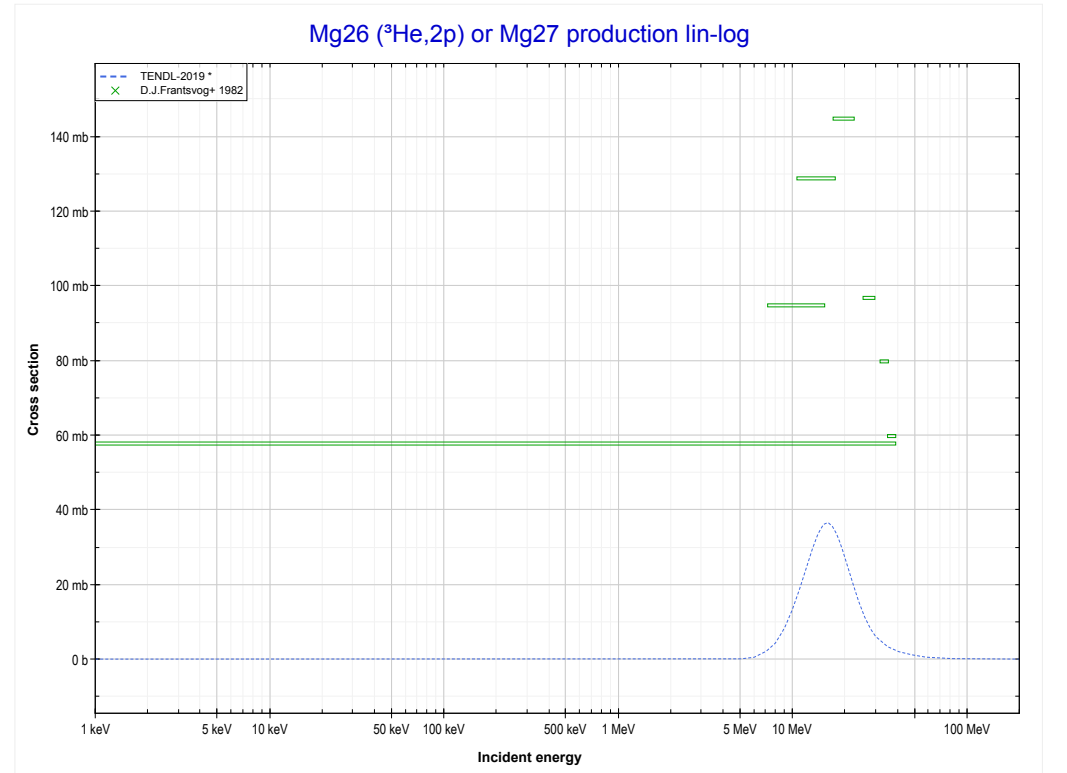
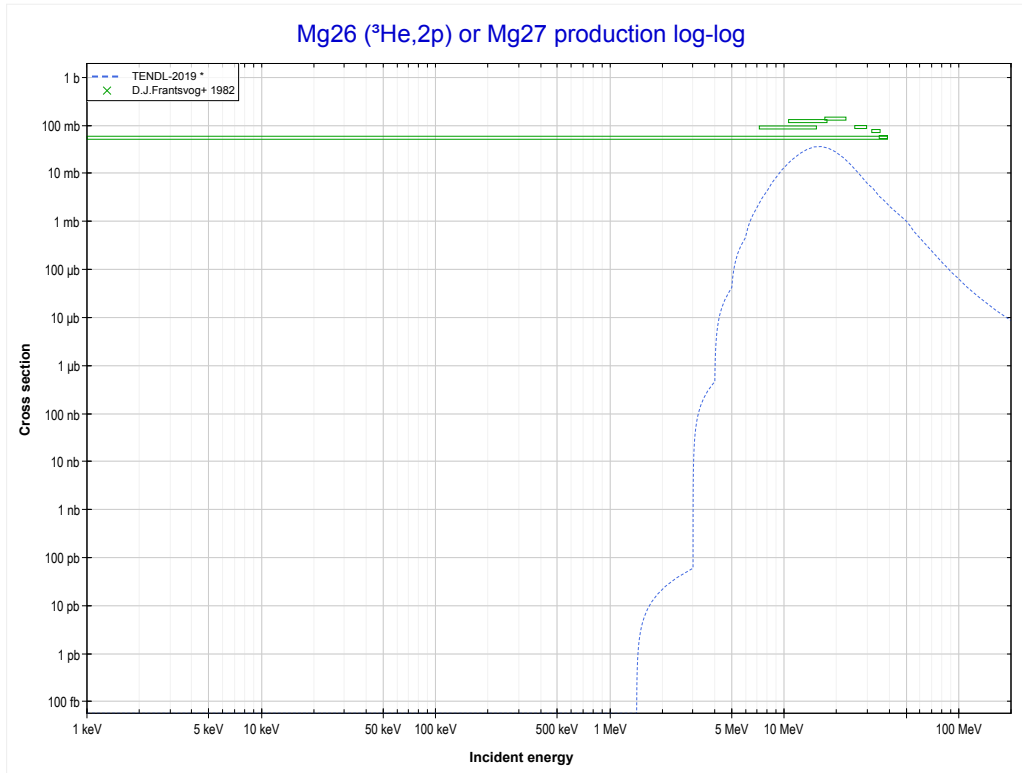
Reaction	Q-Value
Mg25(He3,3p)Na25	-10770.67 keV

<< 12-Mg-24	12-Mg-26	14-Si-28 >>
<< 12-Mg-25 MT197 (³ He,3p)	MT103 (³He,p) or MT5 (Al28 production)	MT111 (³ He,2p) >>



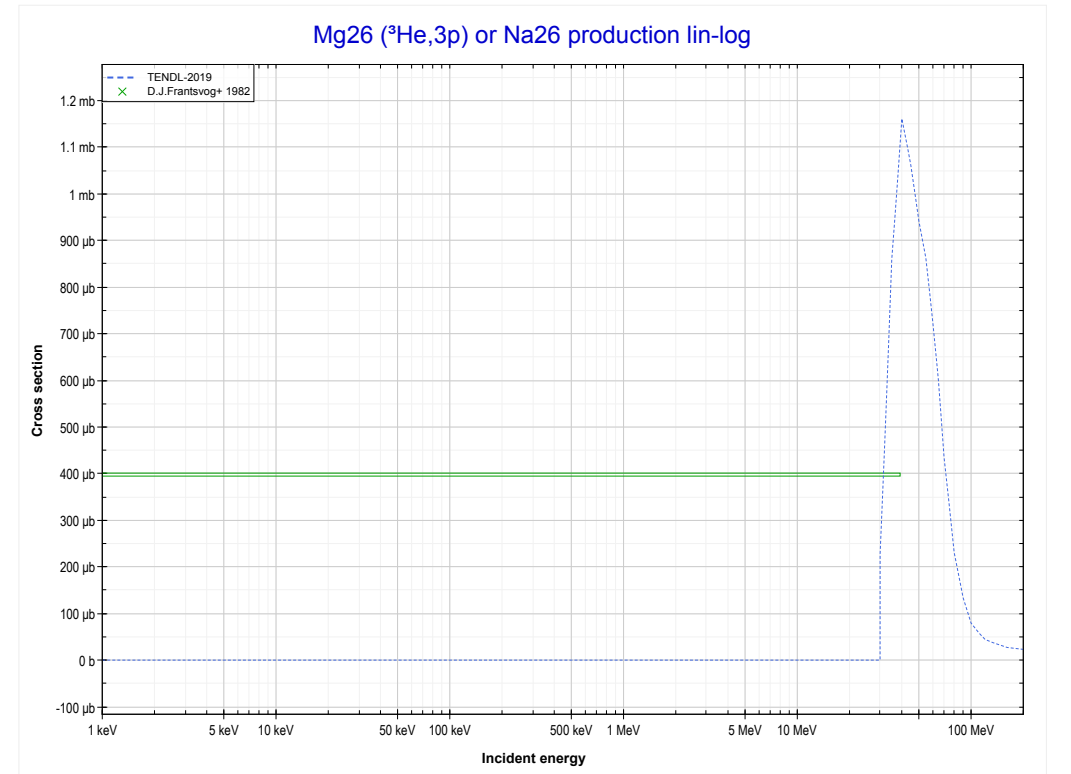
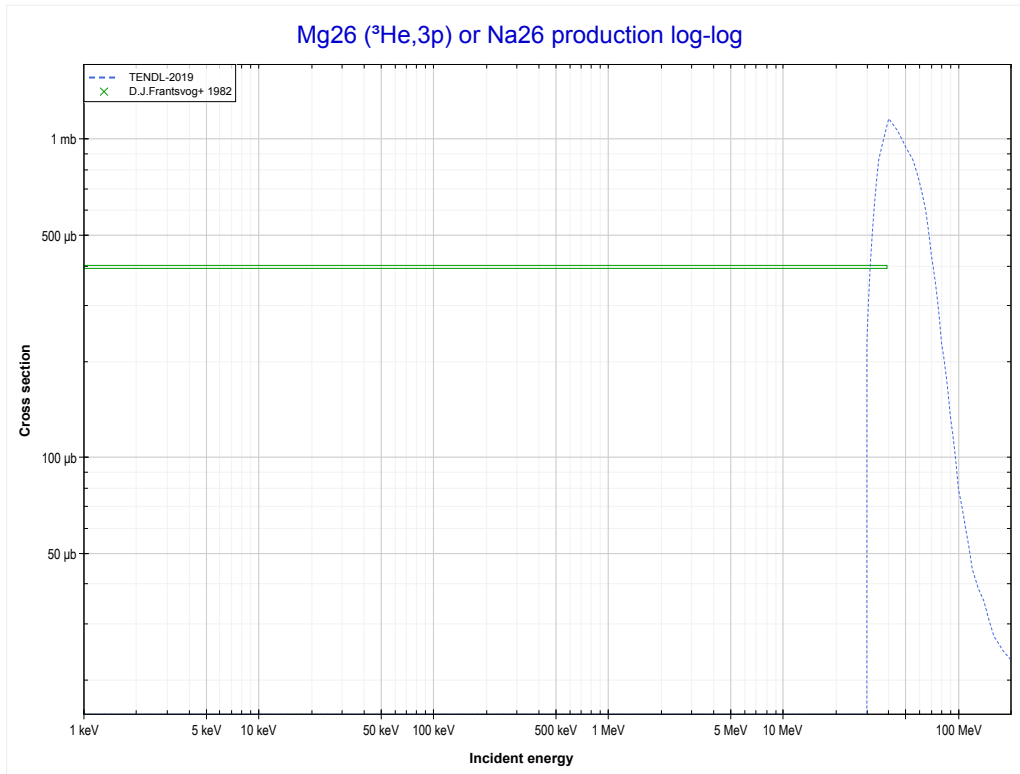
Reaction	Q-Value
Mg26(He3,p)Al28	8278.35 keV

<< 2-He-3	12-Mg-26	13-Al-27 >>
<< MT103 (³ He,p)	MT111 (³He,2p) or MT5 (Mg27 production)	MT197 (³ He,3p) >>



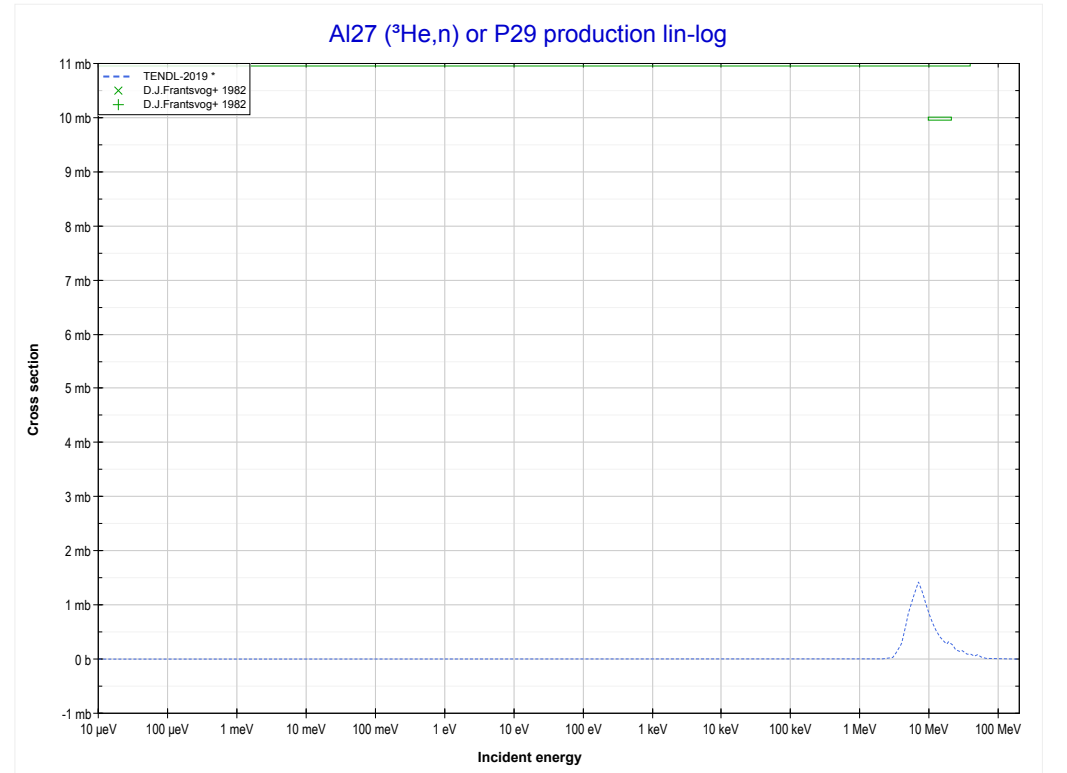
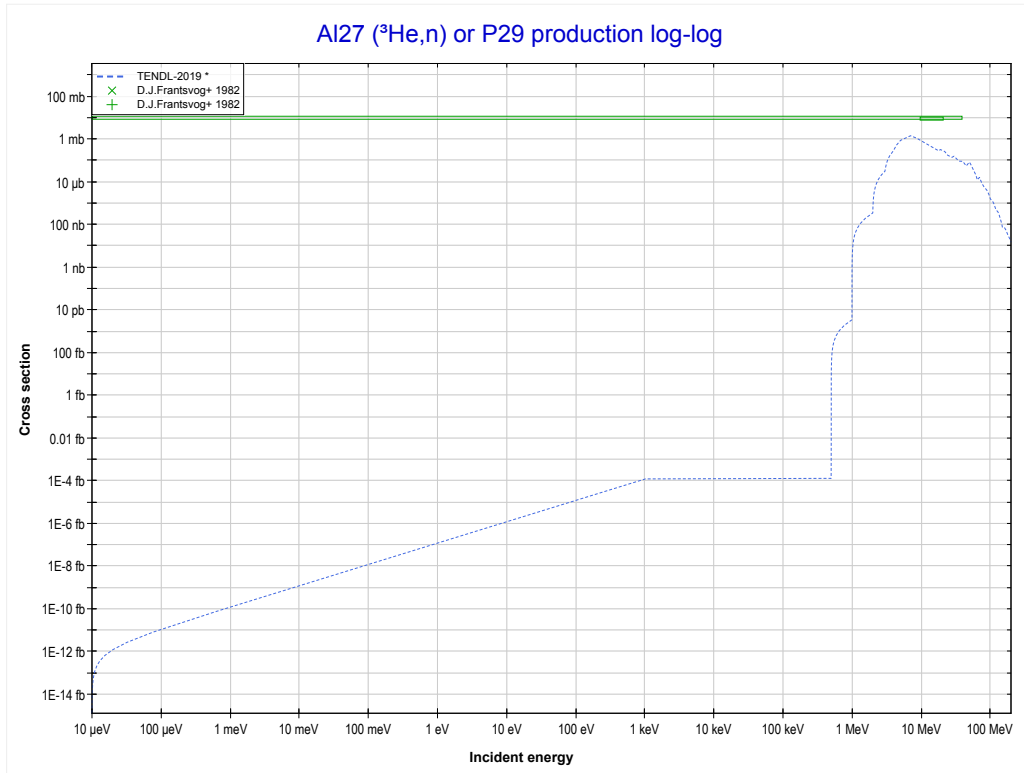
Reaction	Q-Value
Mg26(He3,2p)Mg27	-1274.66 keV

<< 12-Mg-25	12-Mg-26	13-Al-27 >>
<< MT111 (³ He,2p)	MT197 (³He,3p) or MT5 (Na26 production)	13-Al-27 MT4 (³ He,n) >>



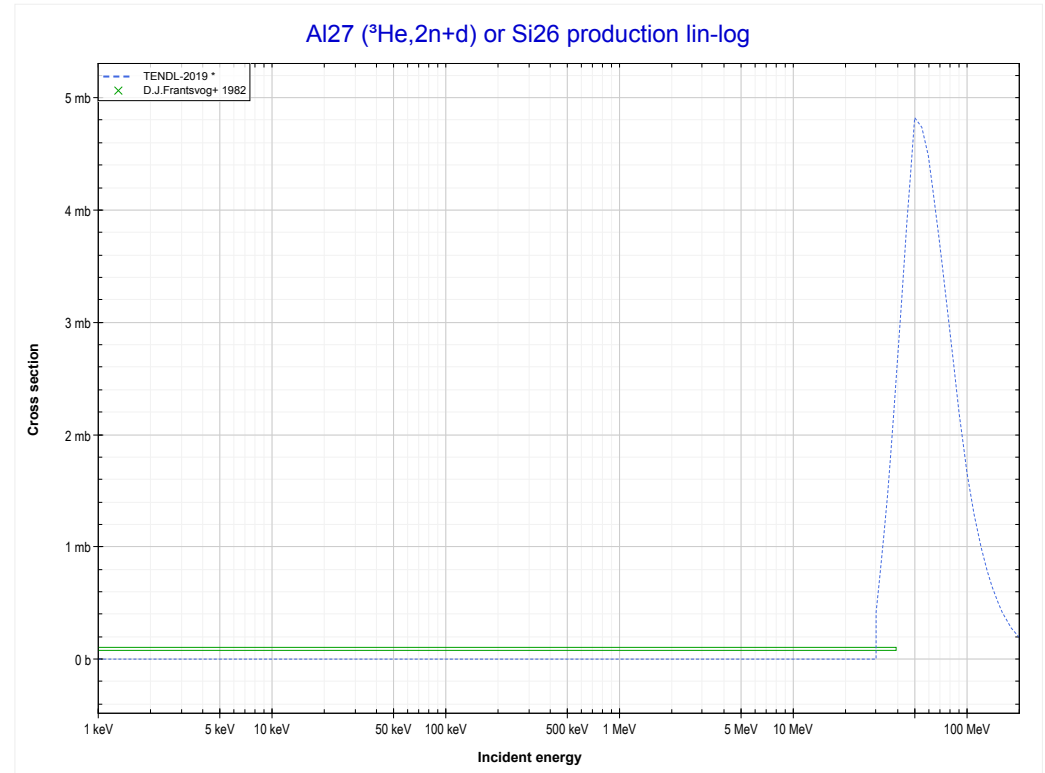
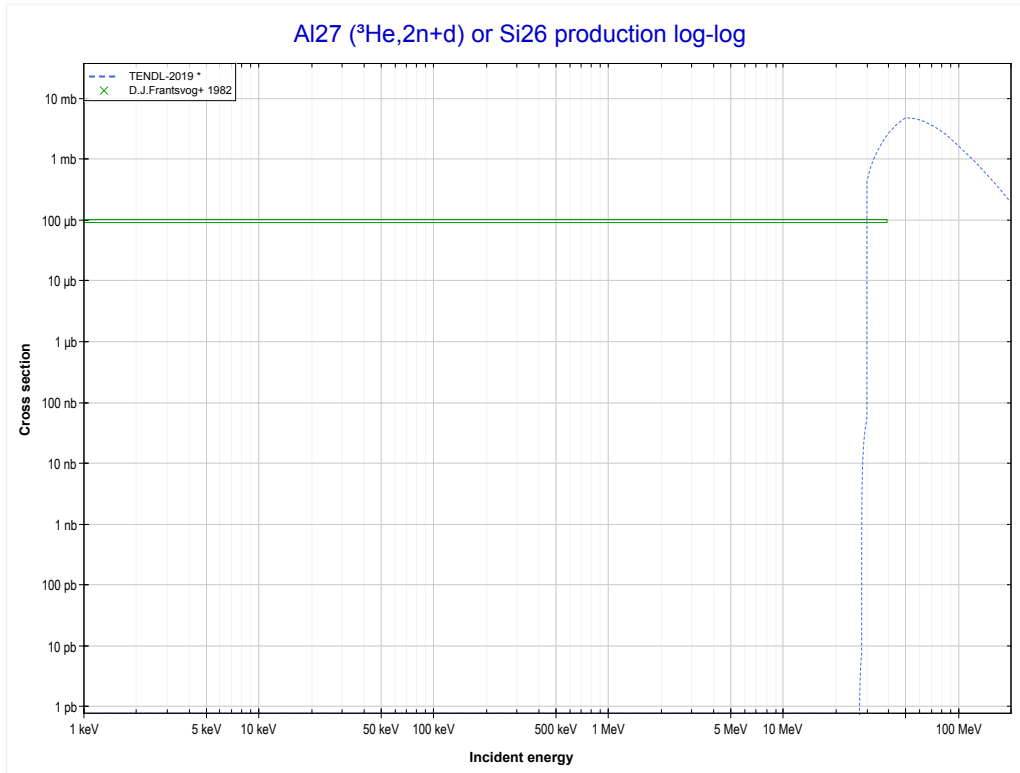
Reaction	Q-Value
Mg26(He3,3p)Na26	-16289.24 keV

<< 12-Mg-24	13-Al-27	14-Si-28 >>
<< 12-Mg-26 MT197 (³ He,3p)	MT4 (³He,n) or MT5 (P29 production)	MT11 (³ He,2n+d) >>



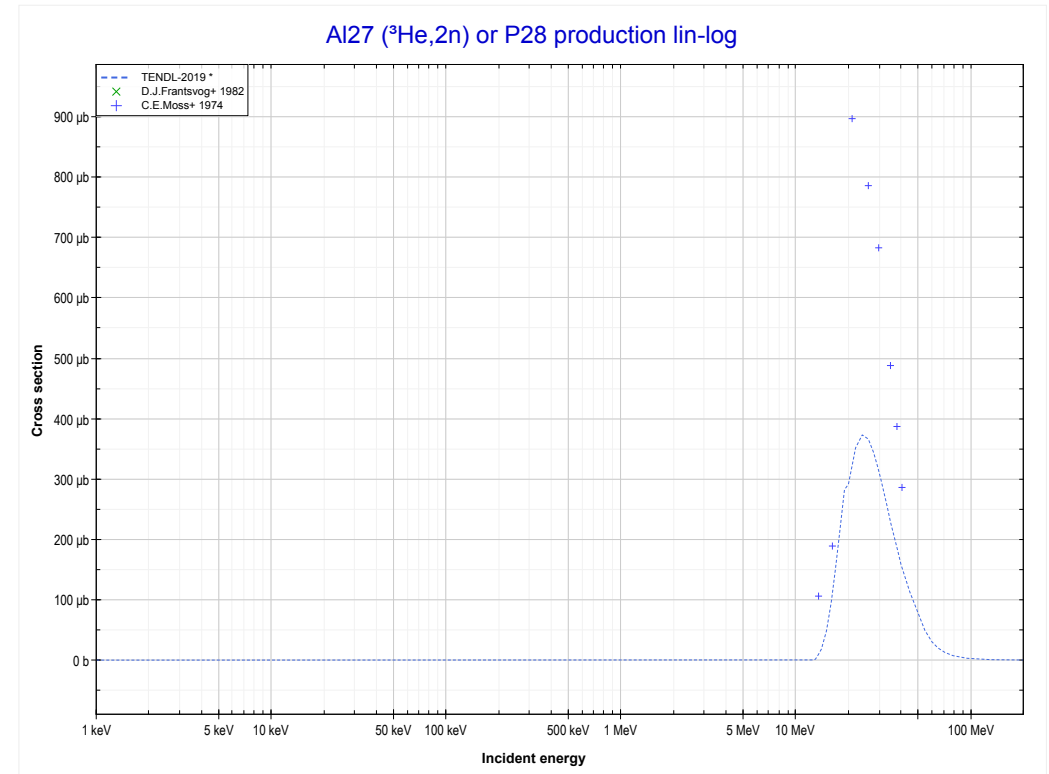
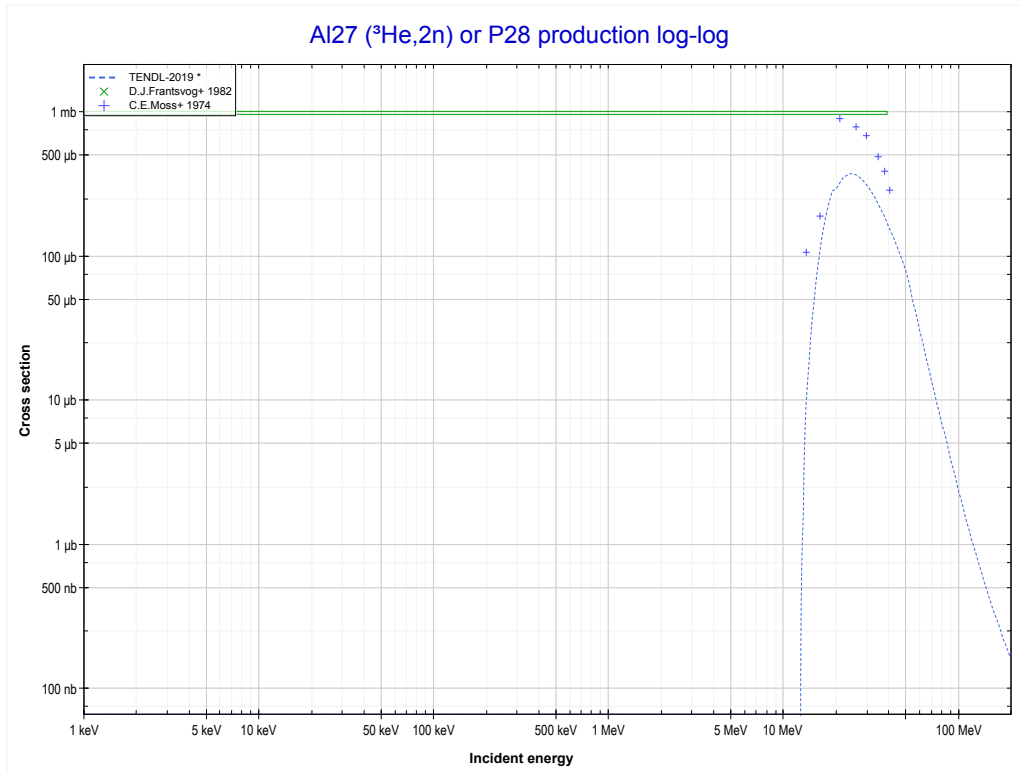
Reaction	Q-Value
Al27(He3,n)P29	6615.84 keV

	13-Al-27	62-Sm-147 >>
<< MT4 (³ He,n)	MT11 (³He,2n+d) or MT5 (Si26 production)	MT16 (³ He,2n) >>



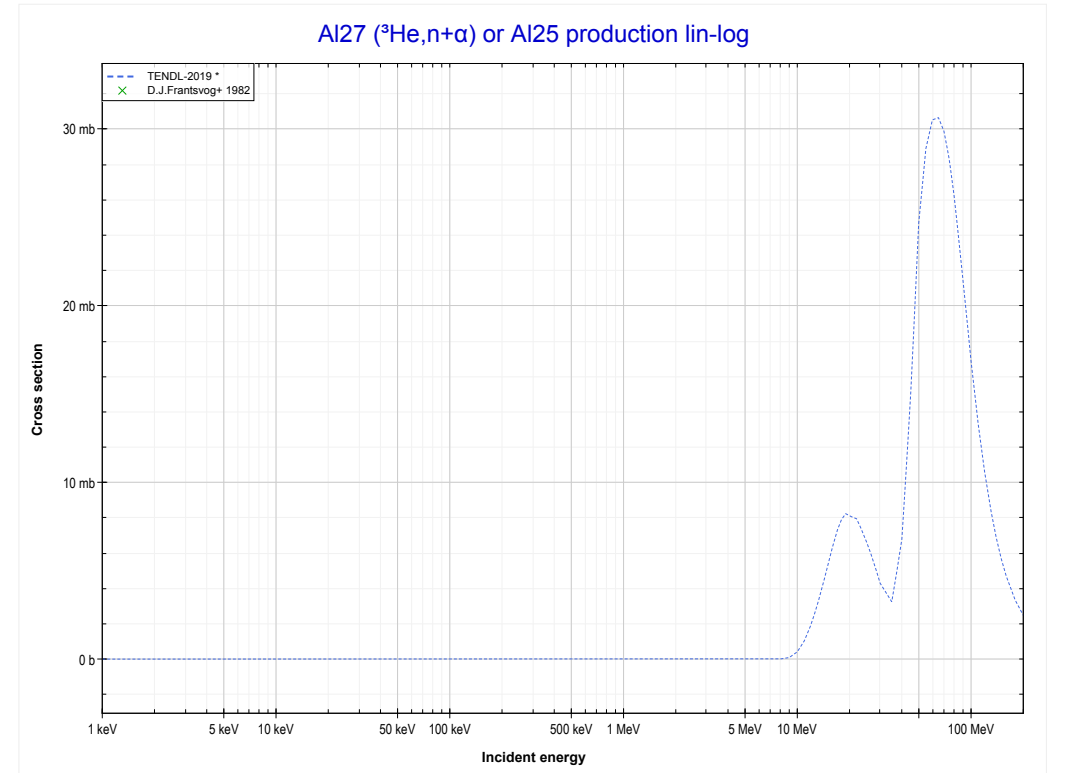
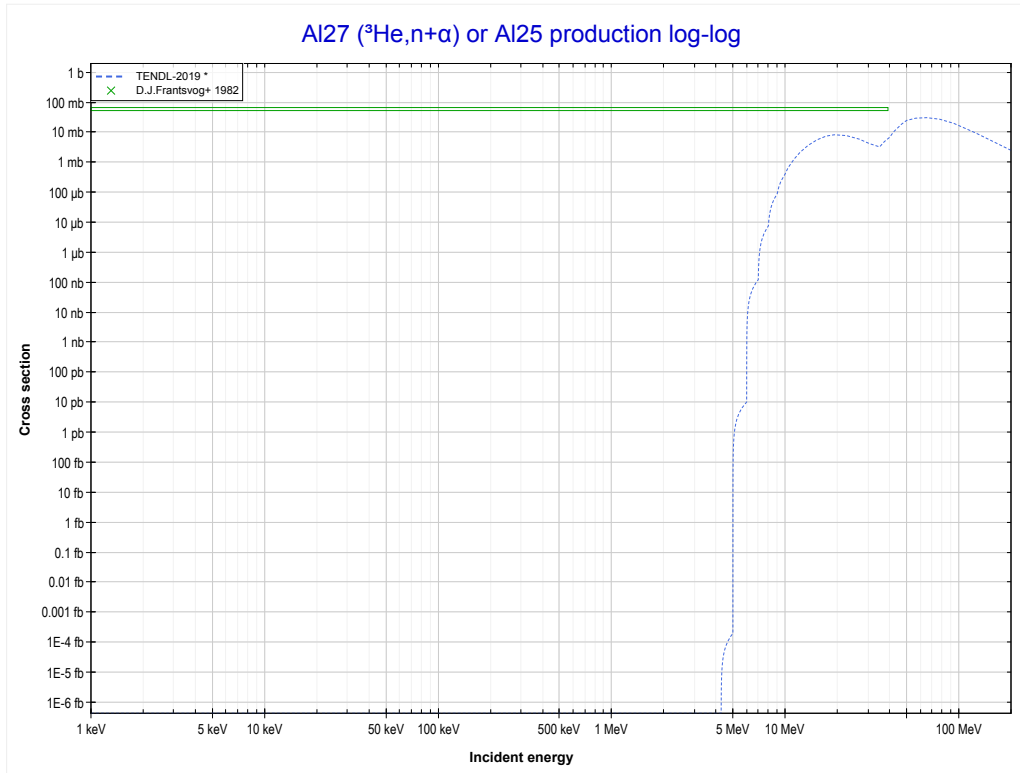
Reaction	Q-Value
Al27(He3,n+t)Si26	-18145.75 keV
Al27(He3,2n+d)Si26	-24402.98 keV
Al27(He3,3n+p)Si26	-26627.54 keV

<< 12-Mg-24	13-Al-27	17-Cl-37 >>
<< MT11 (³ He,2n+d)	MT16 (³He,2n) or MT5 (P28 production)	MT22 (³ He,n+α) >>



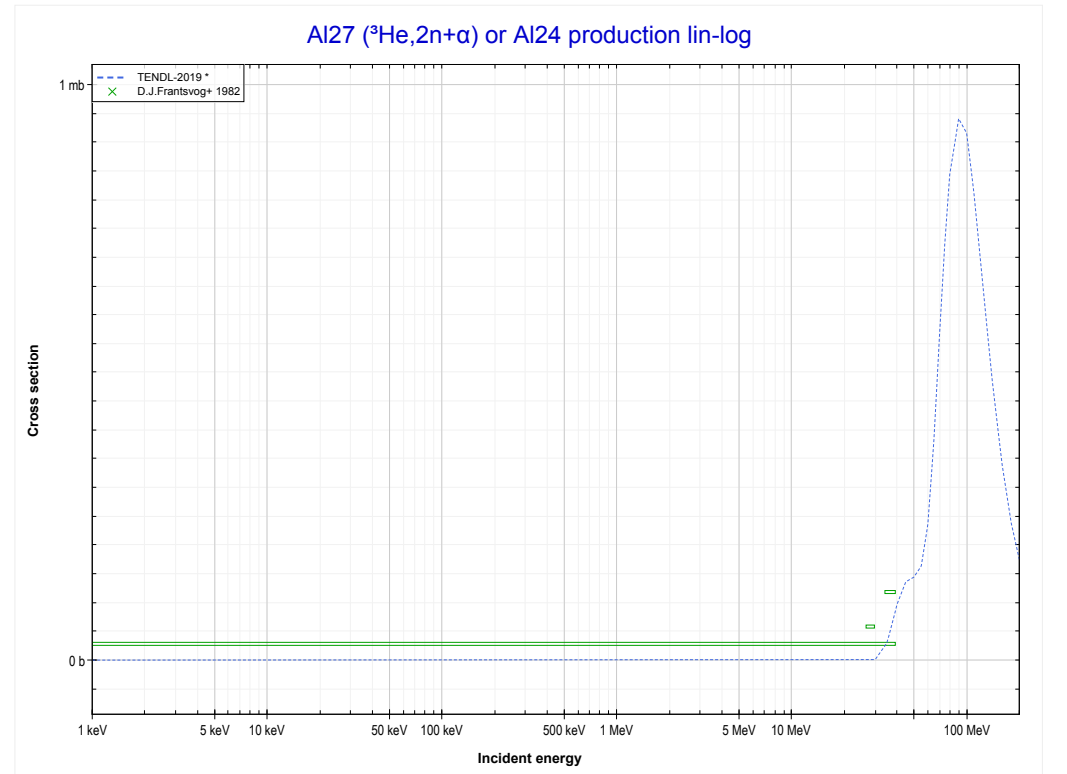
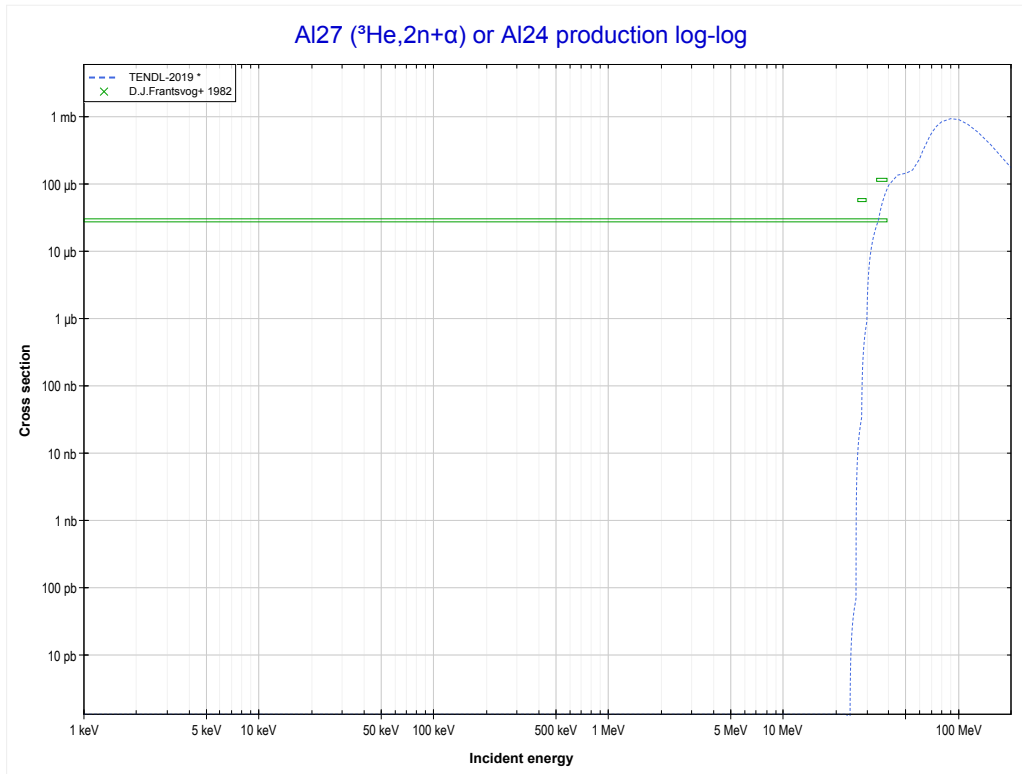
Reaction	Q-Value
Al27(He3,2n)P28	-11260.58 keV

<< 12-Mg-24	13-Al-27	14-Si-28 >>
<< MT16 (³ He,2n)	MT22 (³He,n+α) or MT5 (Al25 production)	MT24 (³ He,2n+α) >>



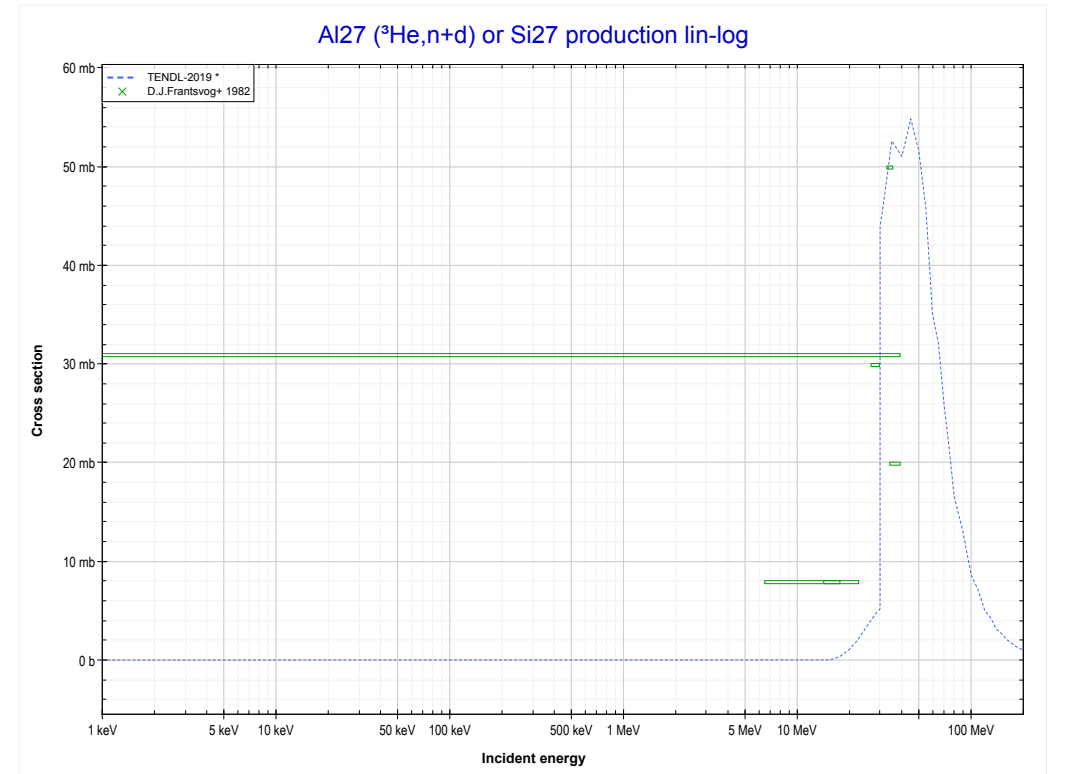
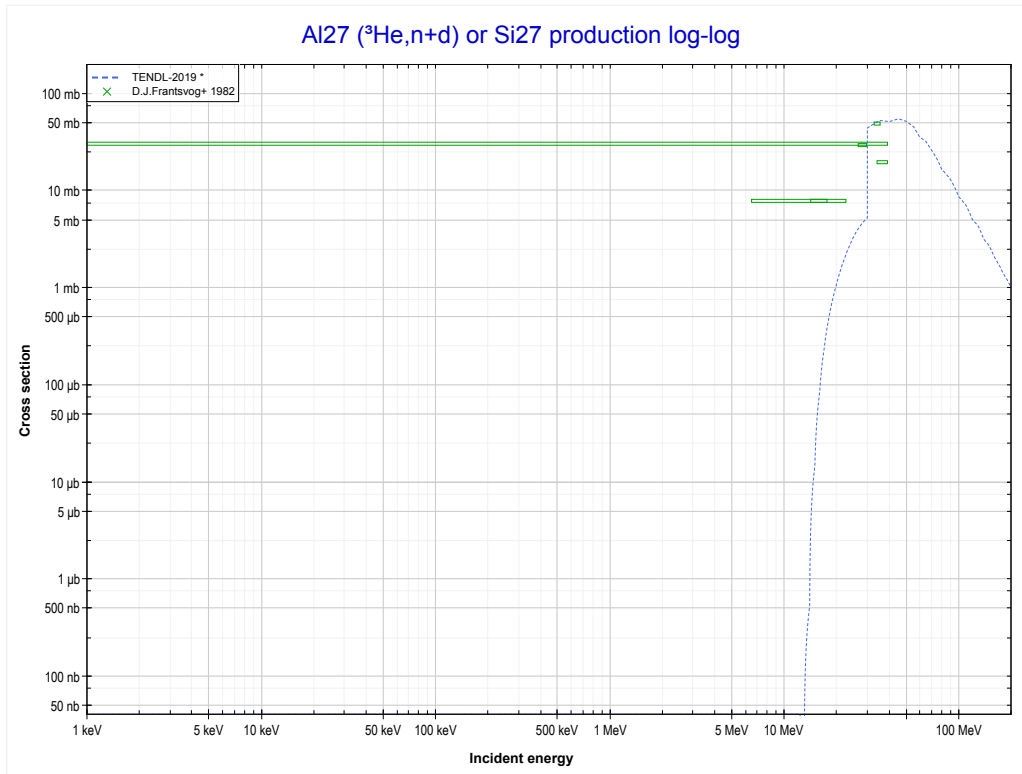
Reaction	Q-Value
Al27(He3,n+α)Al25	-3845.90 keV
Al27(He3,d+t)Al25	-21435.20 keV
Al27(He3,n+p+t)Al25	-23659.77 keV
Al27(He3,2n+He3)Al25	-24423.52 keV
Al27(He3,n+2d)Al25	-27692.43 keV
Al27(He3,2n+p+d)Al25	-29917.00 keV
Al27(He3,3n+2p)Al25	-32141.56 keV

	13-Al-27	27-Co-59 >>
<< MT22 (³He,n+α)	MT24 (³He,2n+α) or MT5 (Al24 production)	MT32 (³He,n+d) >>



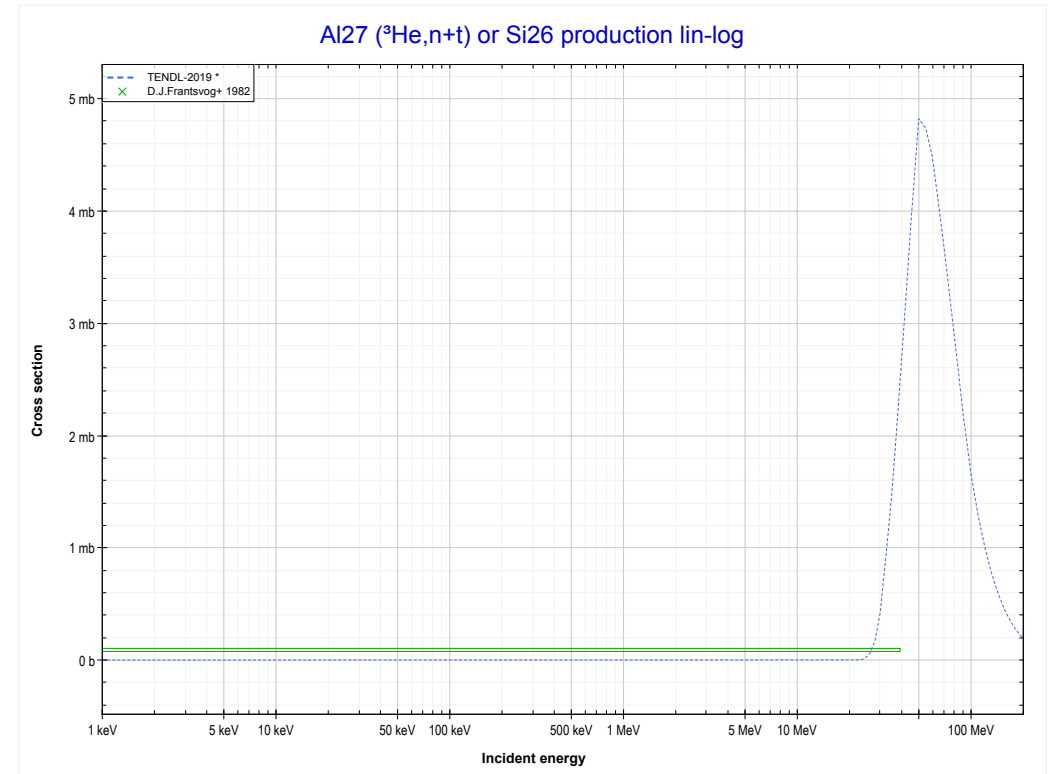
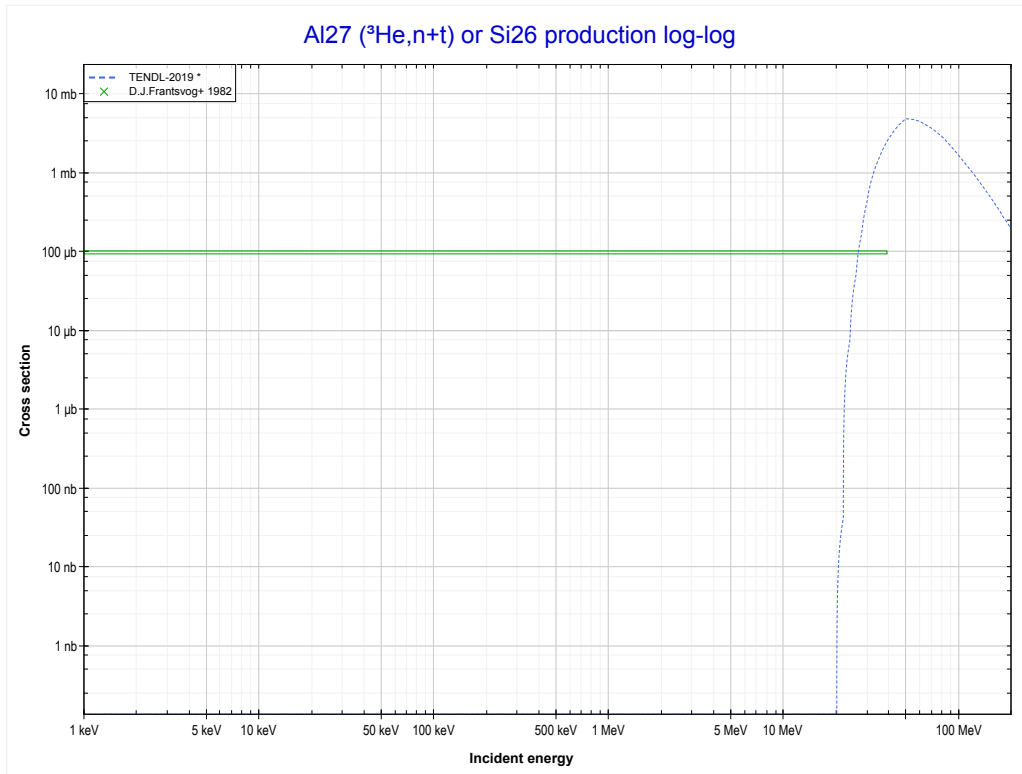
Reaction	Q-Value
Al27(He3,2n+α)Al24	-20784.33 keV
Al27(He3,2t)Al24	-32116.40 keV
Al27(He3,n+d+t)Al24	-38373.63 keV
Al27(He3,2n+p+t)Al24	-40598.20 keV
Al27(He3,3n+He3)Al24	-41361.95 keV
Al27(He3,2n+2d)Al24	-44630.86 keV
Al27(He3,3n+p+d)Al24	-46855.43 keV
Al27(He3,4n+2p)Al24	-49079.99 keV

<< 12-Mg-24	13-Al-27	14-Si-28 >>
<< MT24 (³ He,2n+α)	MT32 (³He,n+d) or MT5 (Si27 production)	MT33 (³ He,n+t) >>



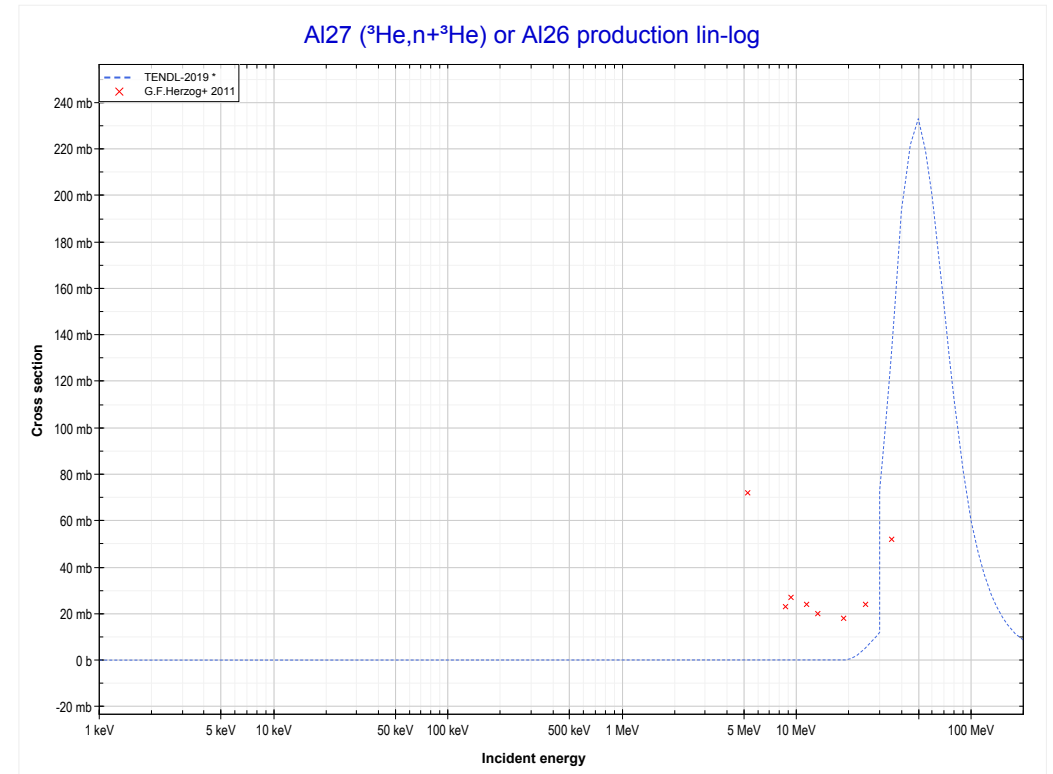
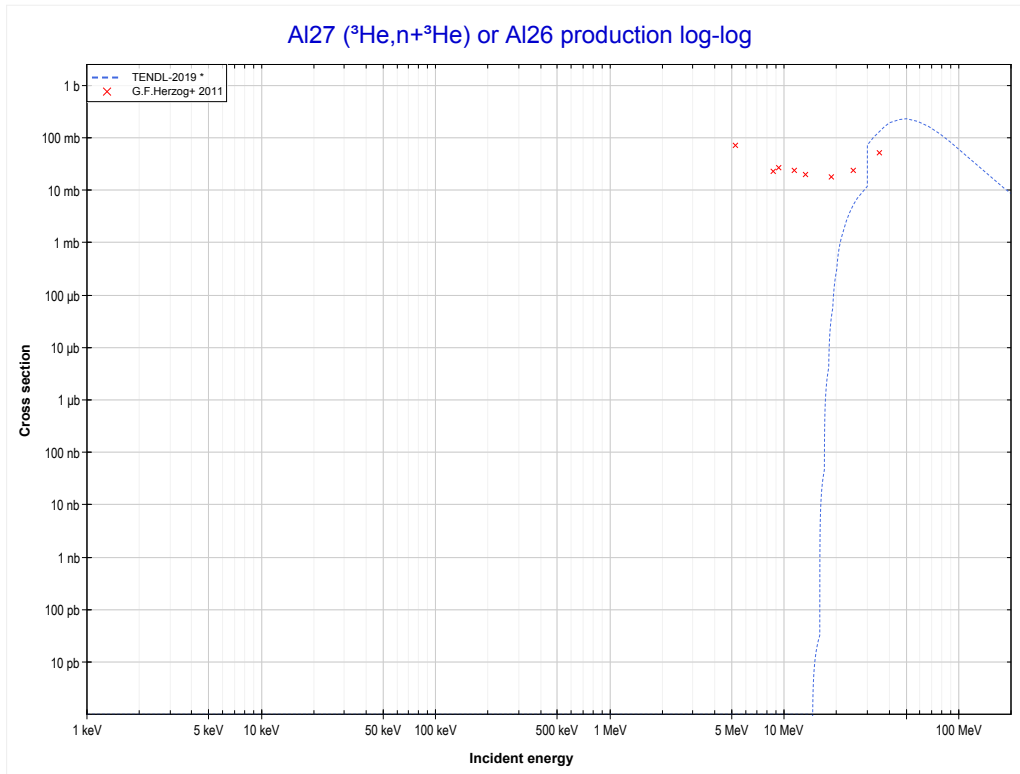
Reaction	Q-Value
Al27(He3,t)Si27	-4830.95 keV
Al27(He3,n+d)Si27	-11088.18 keV
Al27(He3,2n+p)Si27	-13312.75 keV

	13-Al-27	62-Sm-147 >>
<< MT32 ($^3\text{He},n+d$)	MT33 ($^3\text{He},n+t$) or MT5 (Si26 production)	MT34 ($^3\text{He},n+^3\text{He}$) >>



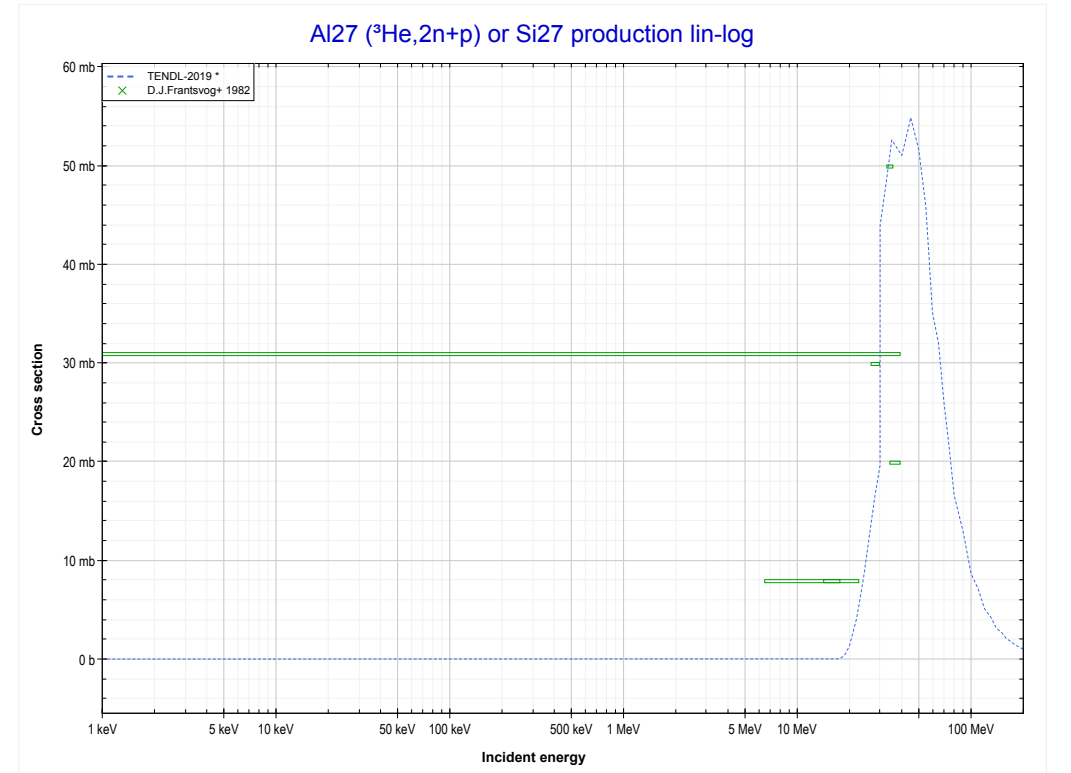
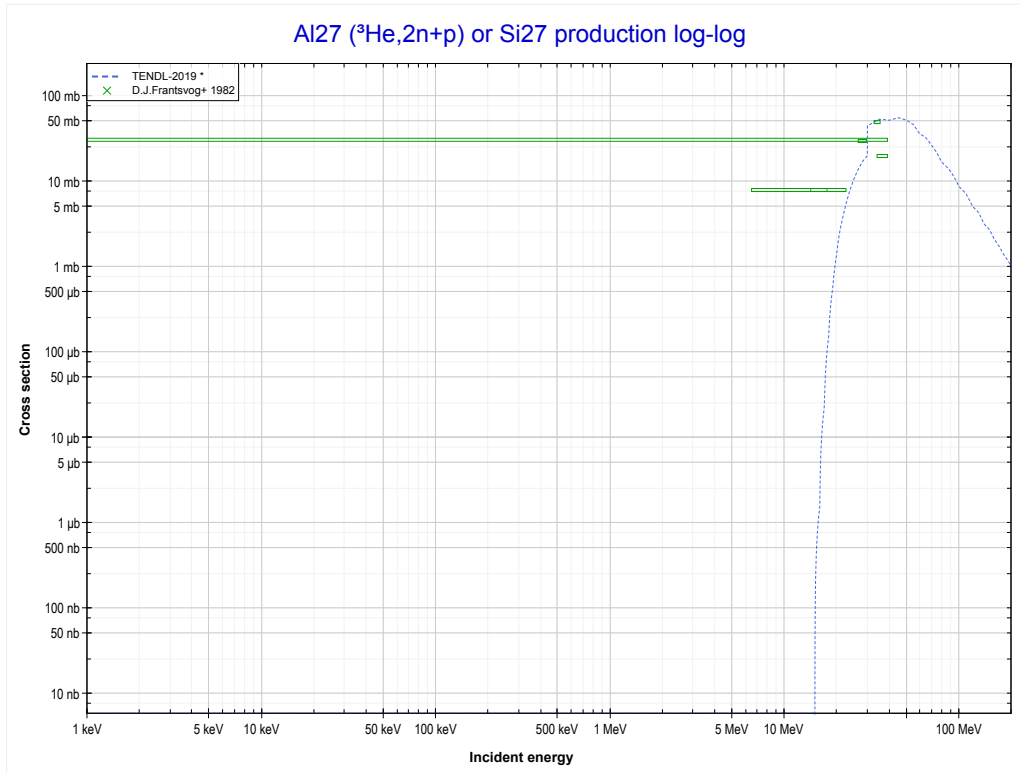
Reaction	Q-Value
Al27(He3,n+t)Si26	-18145.75 keV
Al27(He3,2n+d)Si26	-24402.98 keV
Al27(He3,3n+p)Si26	-26627.54 keV

<< 12-Mg-24	13-Al-27	14-Si-28 >>
<< MT33 (³ He,n+t)	MT34 (³He,n+³He) or MT5 (Al26 production)	MT41 (³ He,2n+p) >>



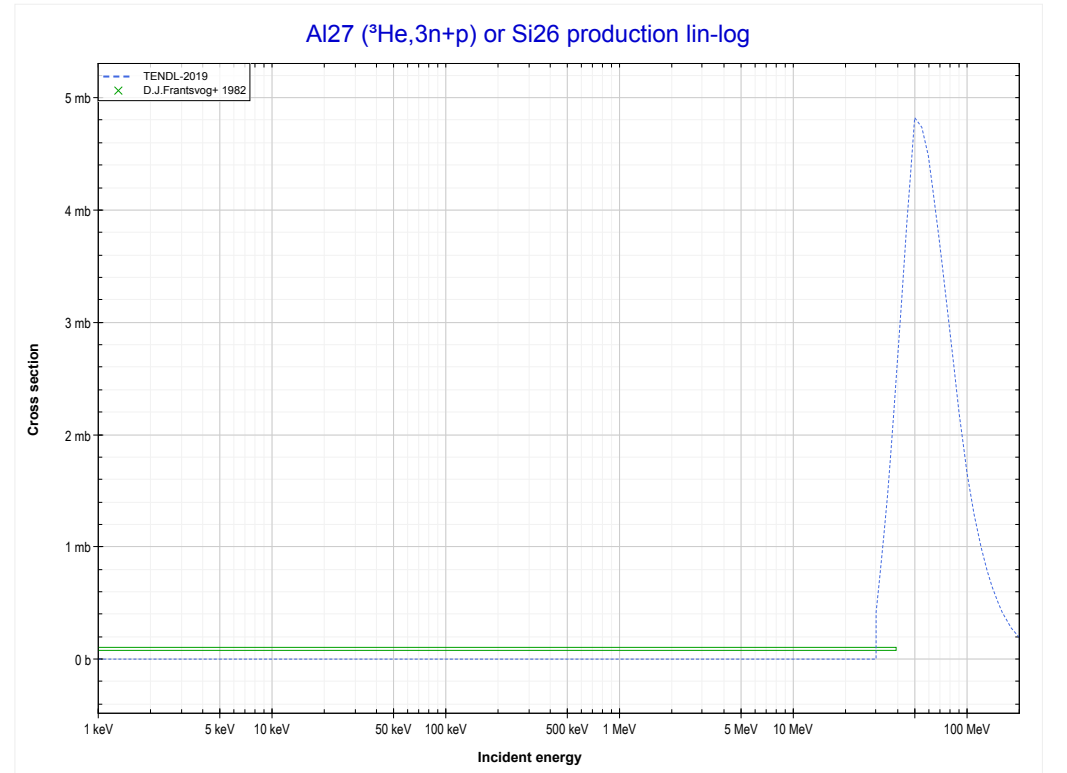
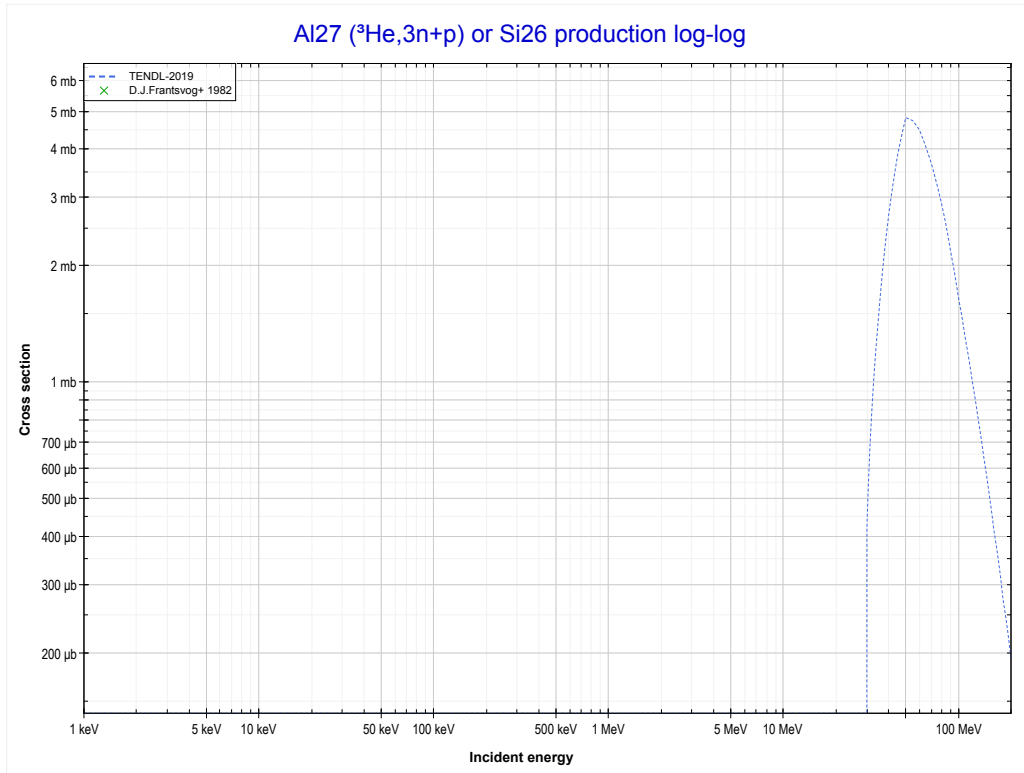
Reaction	Q-Value
Al27(He3,α)Al26	7519.59 keV
Al27(He3,p+t)Al26	-12294.27 keV
Al27(He3,n+He3)Al26	-13058.03 keV
Al27(He3,2d)Al26	-16326.94 keV
Al27(He3,n+p+d)Al26	-18551.50 keV
Al27(He3,2n+2p)Al26	-20776.07 keV

<< 12-Mg-24	13-Al-27	14-Si-28 >>
<< MT34 ($^3\text{He},n+^3\text{He}$)	MT41 ($^3\text{He},2n+p$) or MT5 (Si27 production)	MT42 ($^3\text{He},3n+p$) >>



Reaction	Q-Value
Al27(He3,t)Si27	-4830.95 keV
Al27(He3,n+d)Si27	-11088.18 keV
Al27(He3,2n+p)Si27	-13312.75 keV

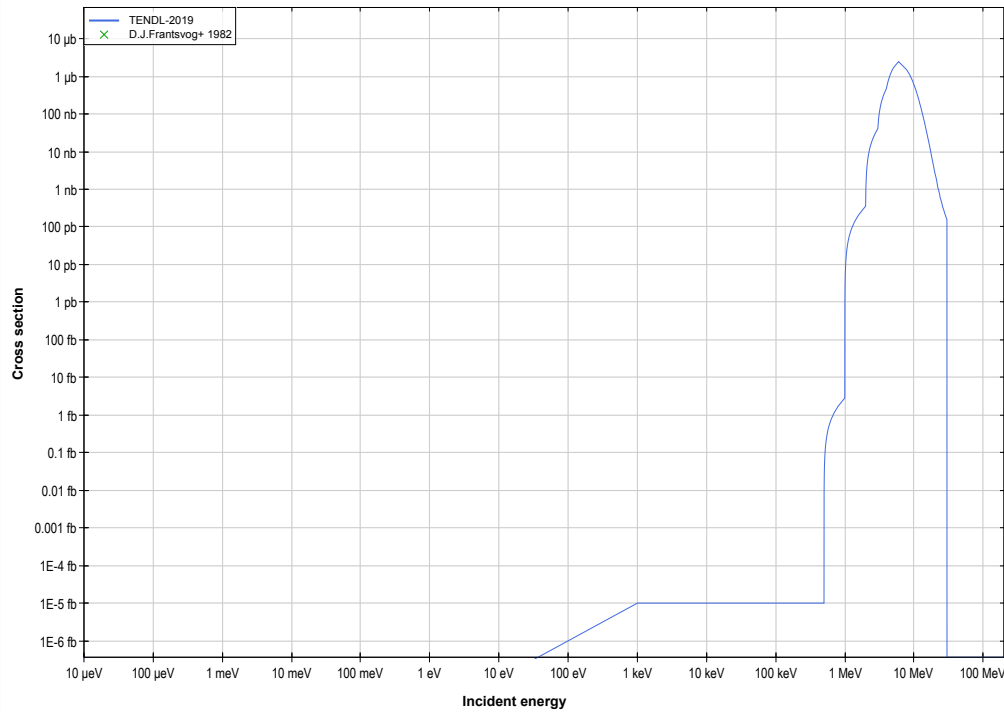
	13-Al-27	29-Cu-63 >>
<< MT41 (³He,2n+p)	MT42 (³He,3n+p) or MT5 (Si26 production)	MT102 (³He,γ) >>



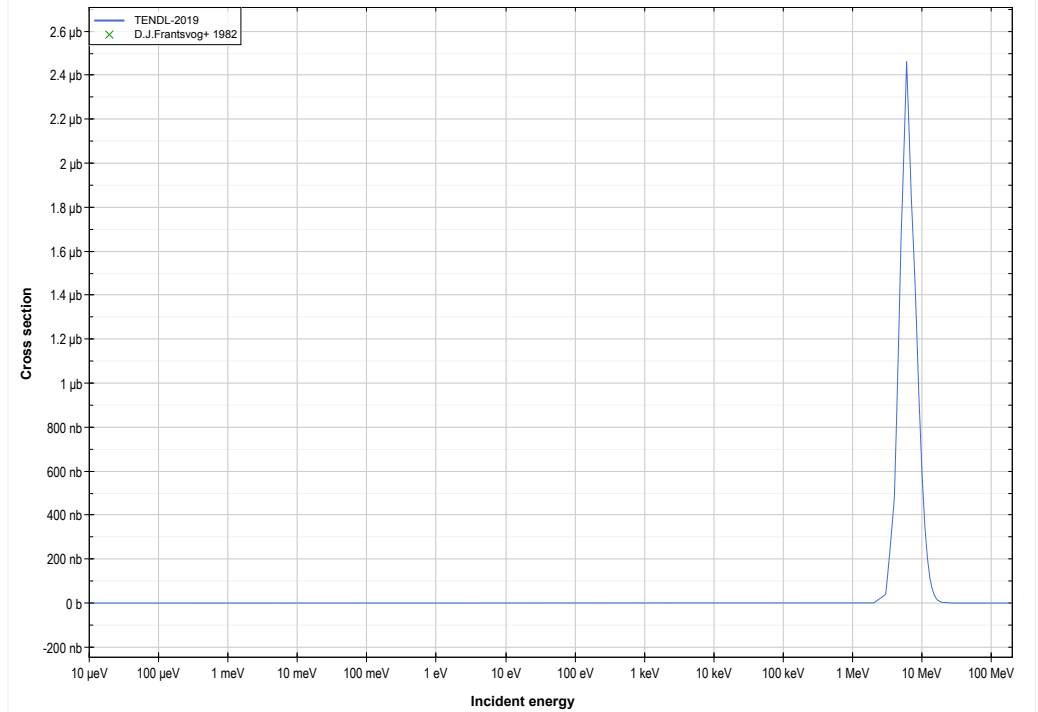
Reaction	Q-Value
Al27(He3,n+t)Si26	-18145.75 keV
Al27(He3,2n+d)Si26	-24402.98 keV
Al27(He3,3n+p)Si26	-26627.54 keV

<< 12-Mg-24	13-Al-27	14-Si-28 >>
<< MT42 (³ He,3n+p)	MT102 (³He,γ) or MT5 (P30 production)	MT105 (³ He,t) >>

Al27 (³He,γ) or P30 production log-log

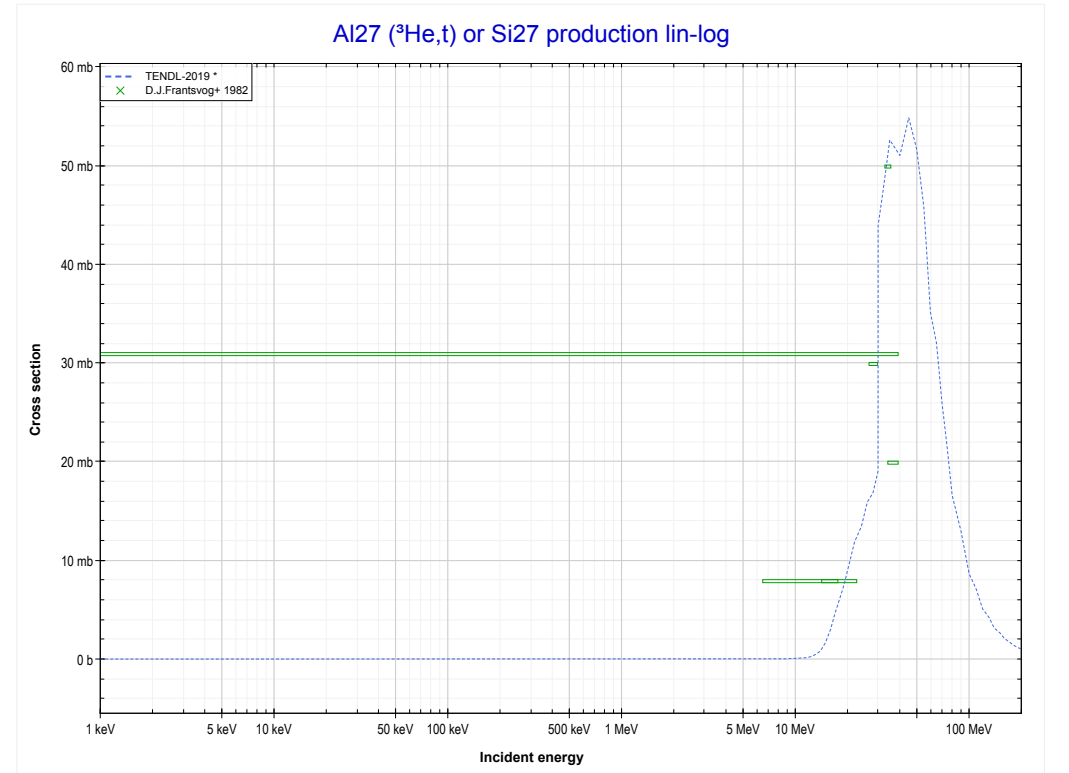
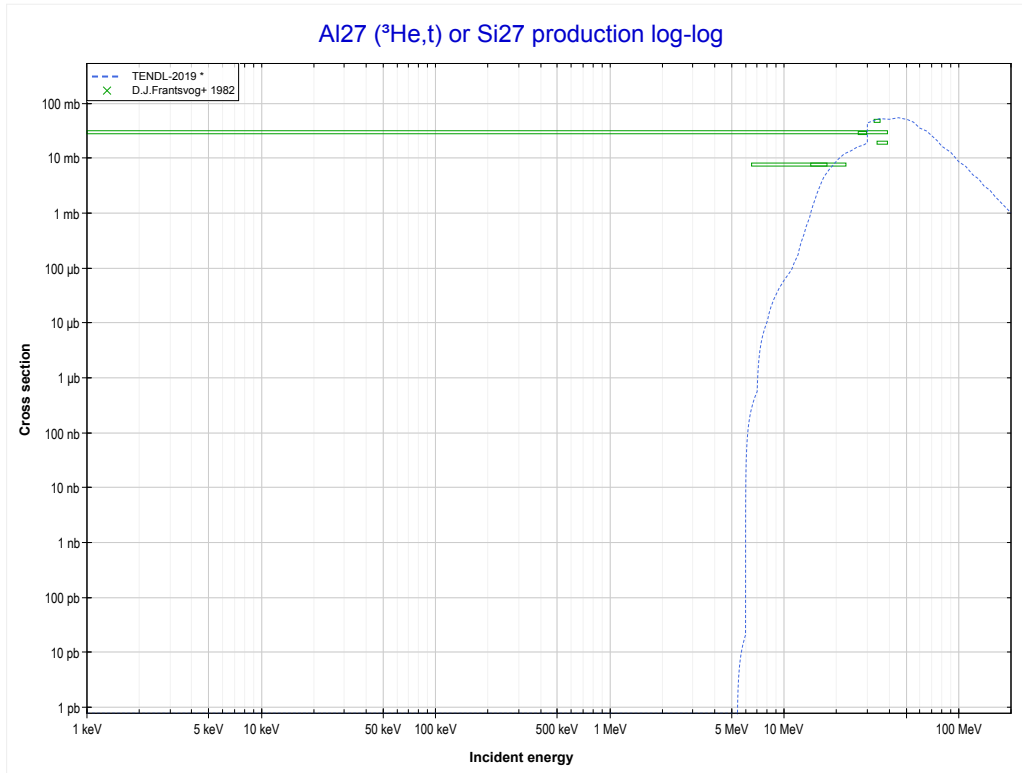


Al27 (³He,γ) or P30 production lin-log



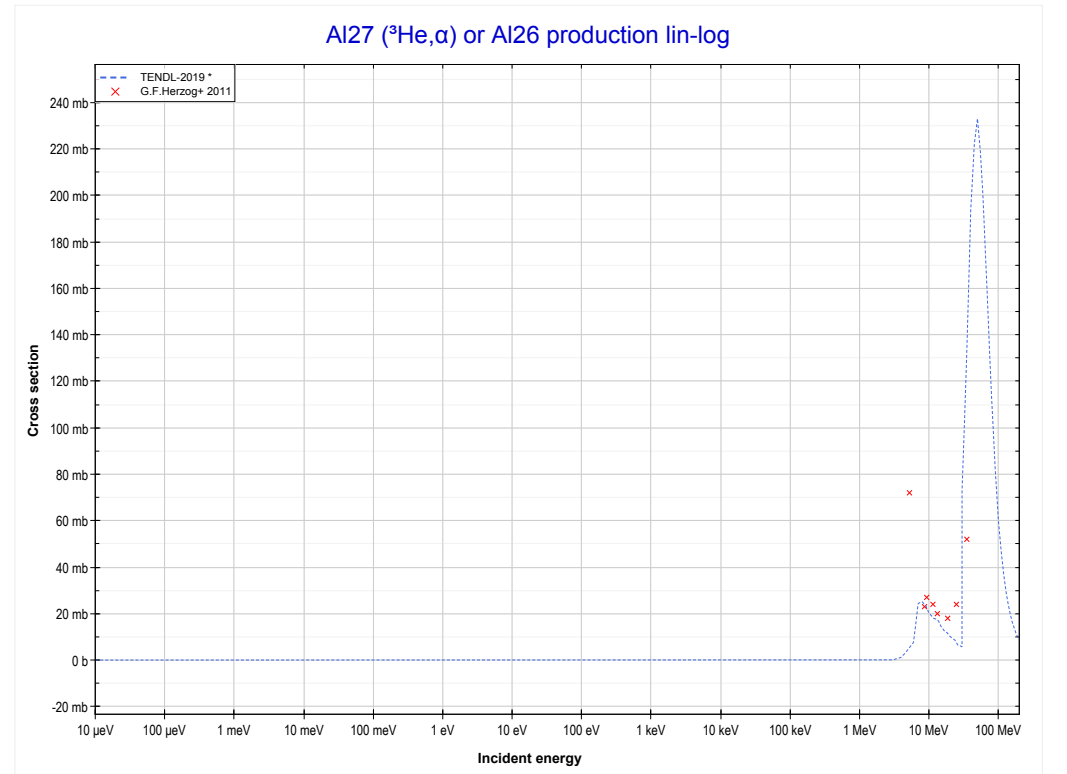
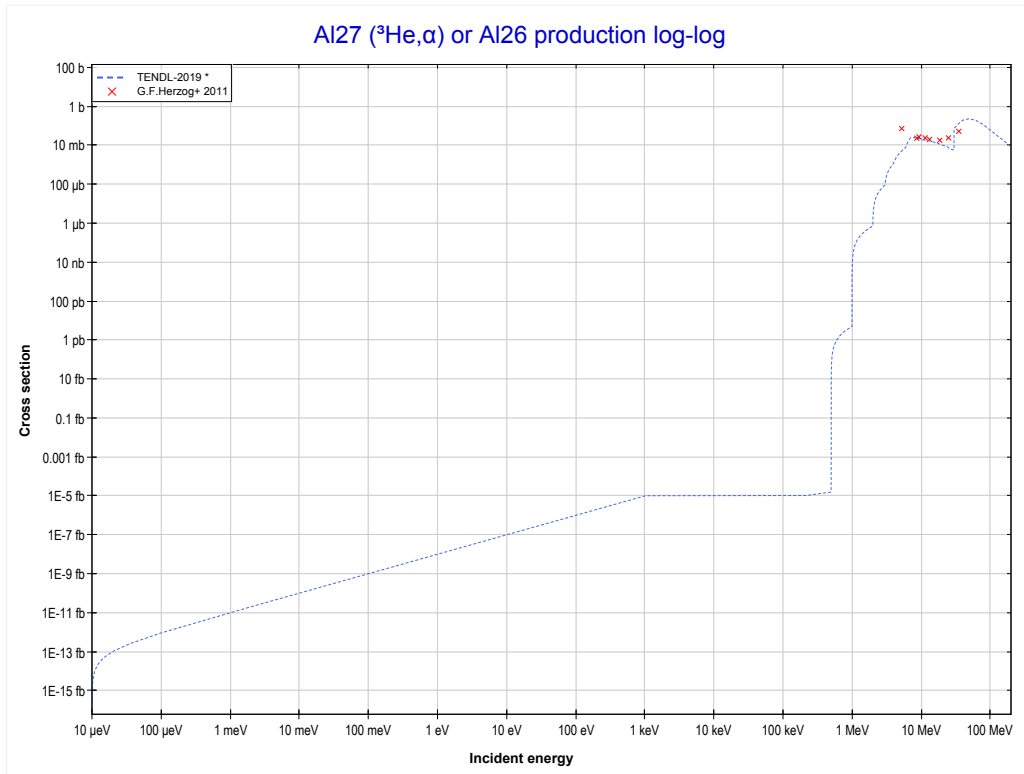
Reaction	Q-Value
Al27(He3,γ)P30	17935.21 keV

<< 12-Mg-24	13-Al-27	14-Si-28 >>
<< MT102 (³ He,γ)	MT105 (³He,t) or MT5 (Si27 production)	MT107 (³ He,α) >>



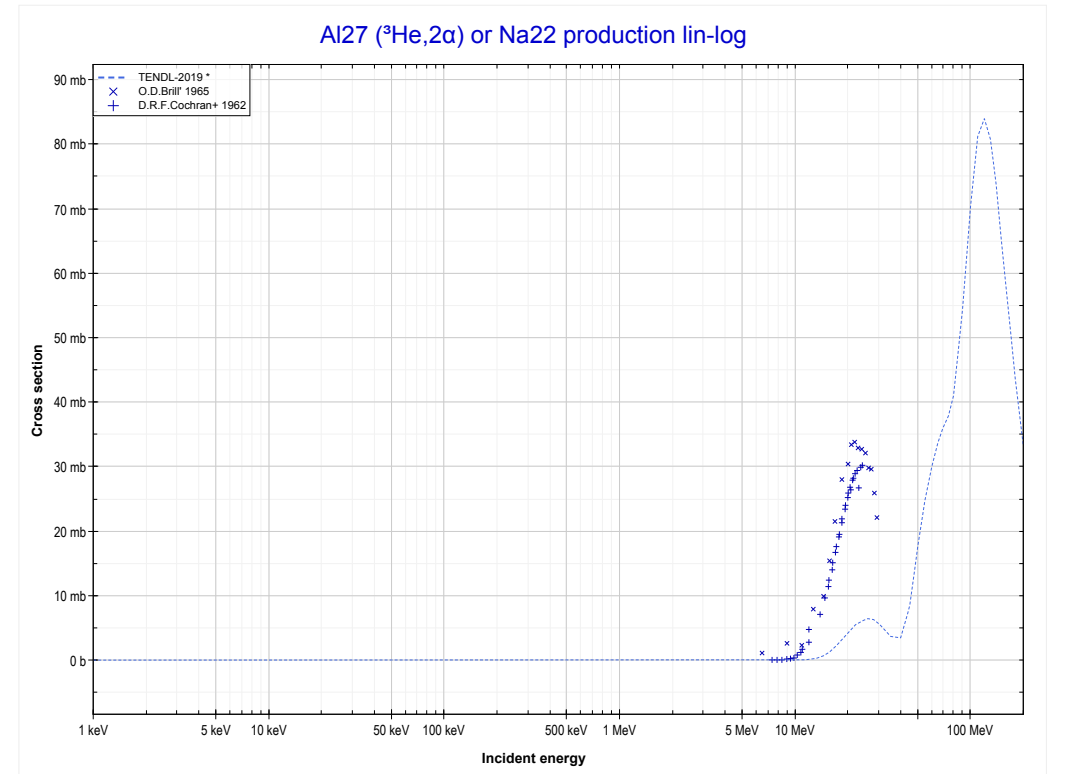
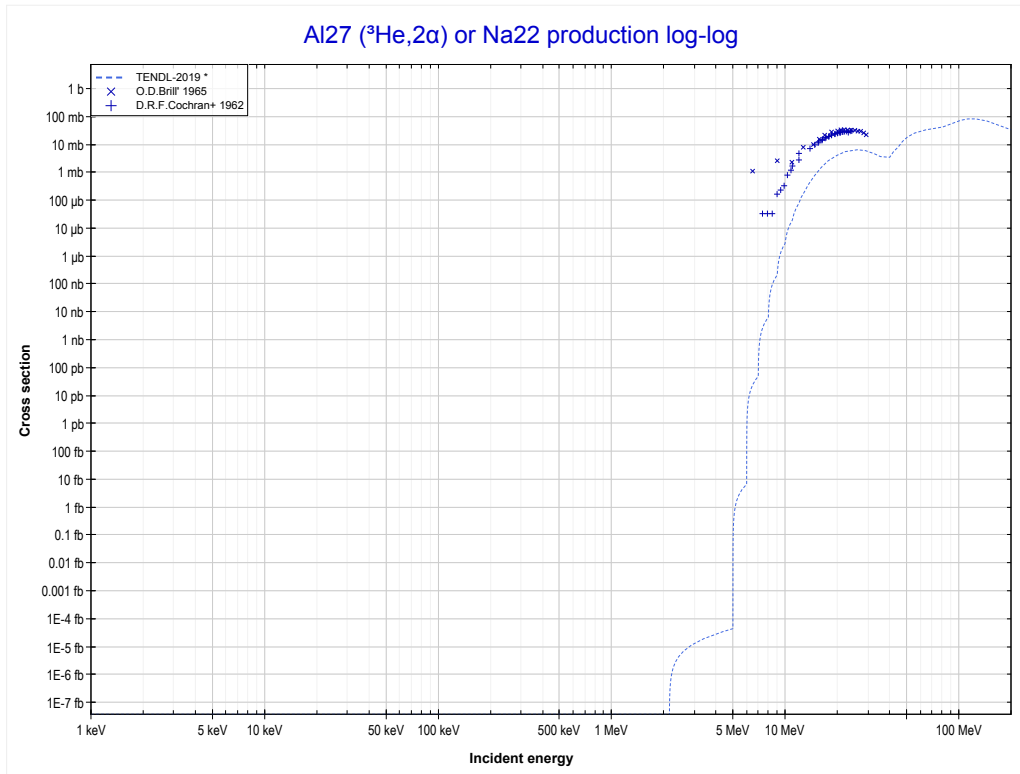
Reaction	Q-Value
Al27(He3,t)Si27	-4830.95 keV
Al27(He3,n+d)Si27	-11088.18 keV
Al27(He3,2n+p)Si27	-13312.75 keV

<< 12-Mg-24	13-Al-27	14-Si-28 >>
<< MT105 (³ He,t)	MT107 (³He,α) or MT5 (Al26 production)	MT108 (³ He,2α) >>



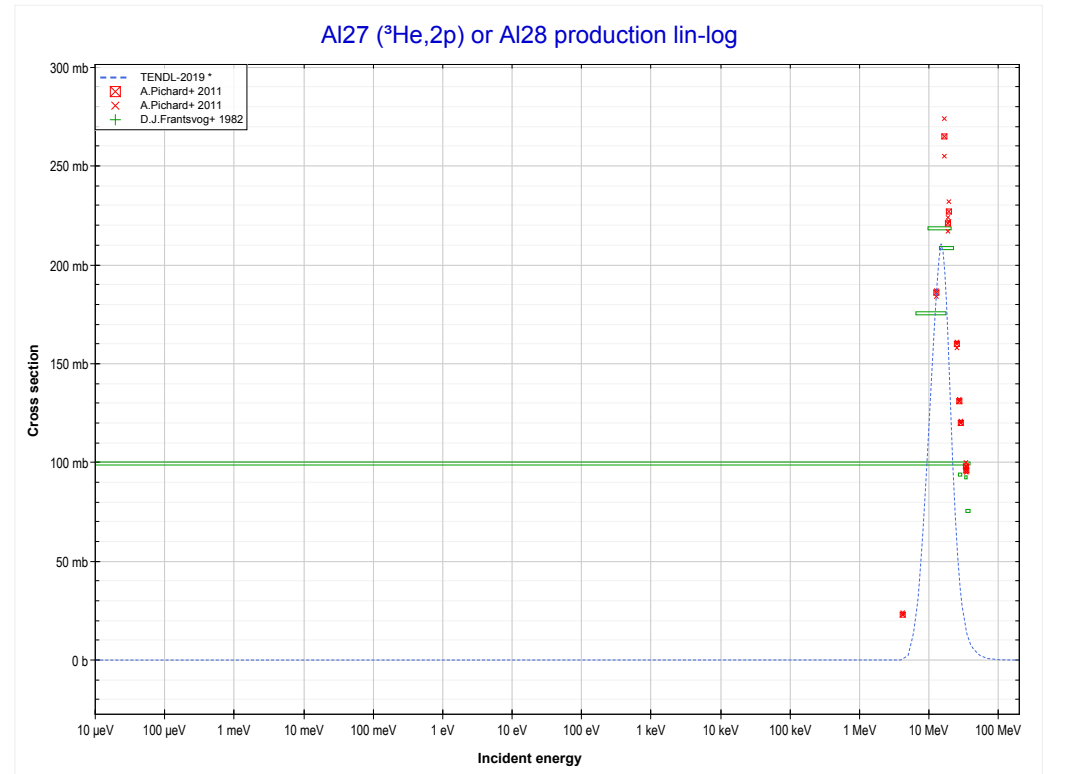
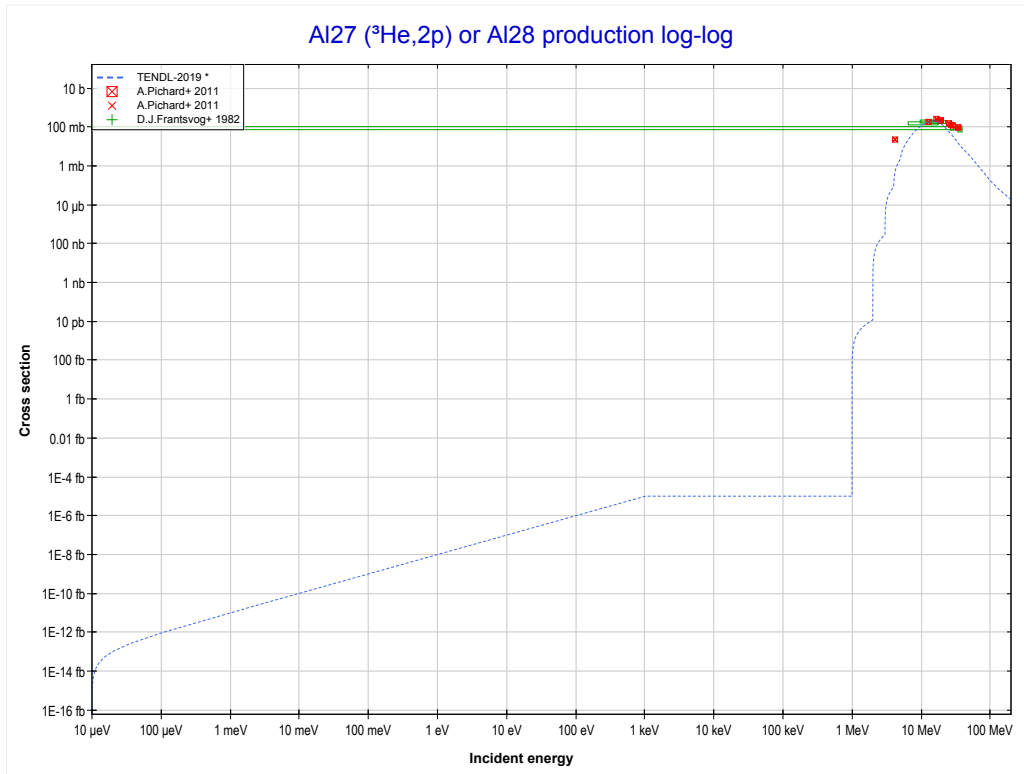
Reaction	Q-Value
Al27(He3,α)Al26	7519.59 keV
Al27(He3,p+t)Al26	-12294.27 keV
Al27(He3,n+He3)Al26	-13058.03 keV
Al27(He3,2d)Al26	-16326.94 keV
Al27(He3,n+p+d)Al26	-18551.50 keV
Al27(He3,2n+2p)Al26	-20776.07 keV

<< 8-O-16	13-Al-27	14-Si-28 >>
<< MT107 (³ He,α)	MT108 (³He,2α) or MT5 (Na22 production)	MT111 (³ He,2p) >>



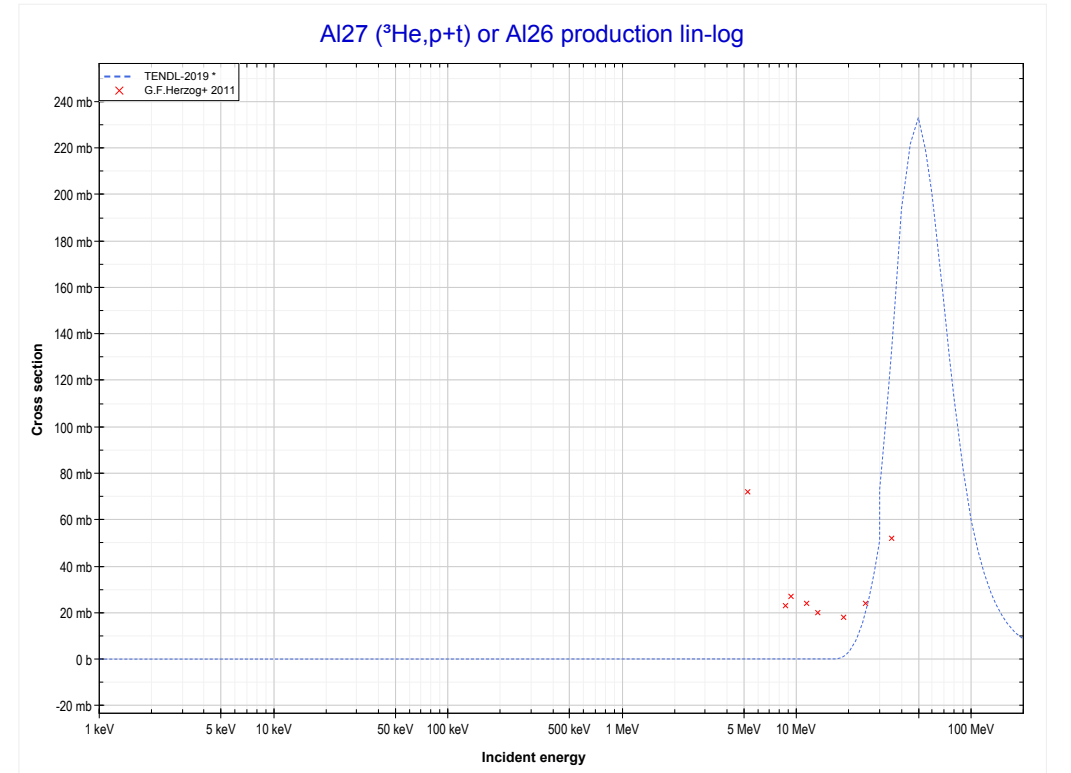
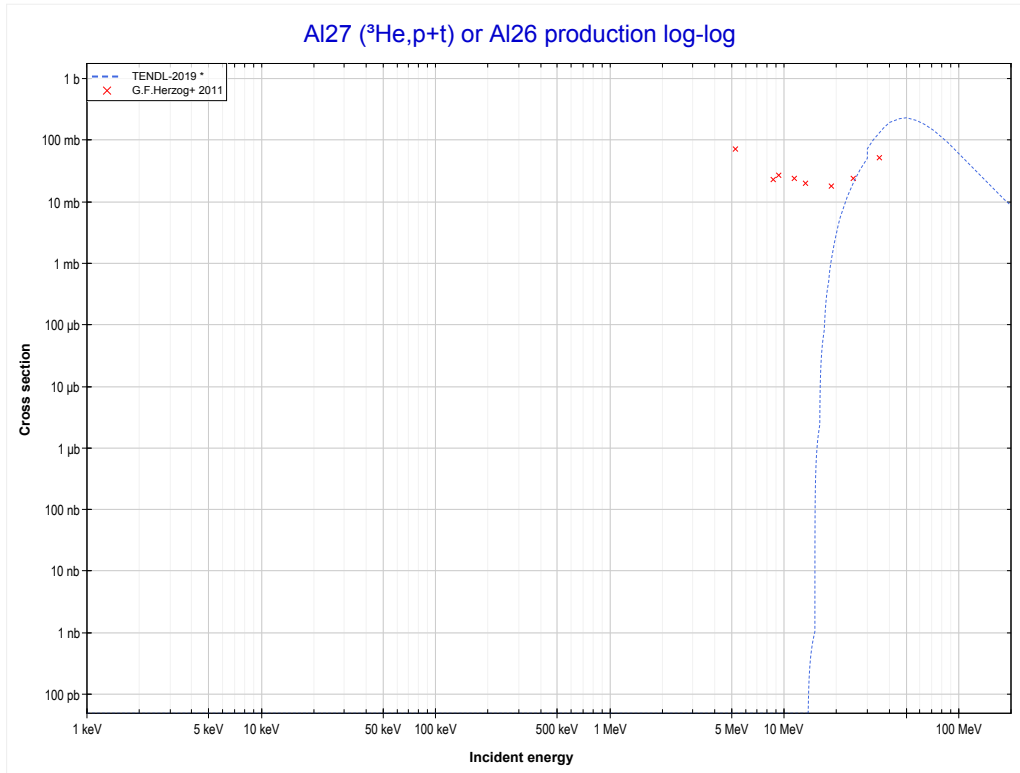
Reaction	Q-Value	Reaction	Q-Value
Al27(He3,2α)Na22	-1933.96 keV	Al27(He3,n+p+t+He3)Na22	-42325.45 keV
Al27(He3,p+t+α)Na22	-21747.83 keV	Al27(He3,2n+2He3)Na22	-43089.20 keV
Al27(He3,n+He3+α)Na22	-22511.58 keV	Al27(He3,p+2d+t)Na22	-45594.36 keV
Al27(He3,2d+α)Na22	-25780.49 keV	Al27(He3,n+2d+He3)Na22	-46358.11 keV
Al27(He3,n+p+d+α)Na22	-28005.06 keV	Al27(He3,n+2p+d+t)Na22	-47818.92 keV
Al27(He3,2n+2p+α)Na22	-30229.62 keV	Al27(He3,2n+p+d+He3)Na22	-48582.68 keV
Al27(He3,d+t+He3)Na22	-40100.88 keV	Al27(He3,4d)Na22	-49627.02 keV
Al27(He3,2p+2t)Na22	-41561.69 keV	Al27(He3,2n+3p+t)Na22	-50043.49 keV

<< 12-Mg-26	13-Al-27	17-Cl-37 >>
<< MT108 ($^3\text{He},2\alpha$)	MT111 ($^3\text{He},2p$) or MT5 (Al28 production)	MT116 ($^3\text{He},p+t$) >>



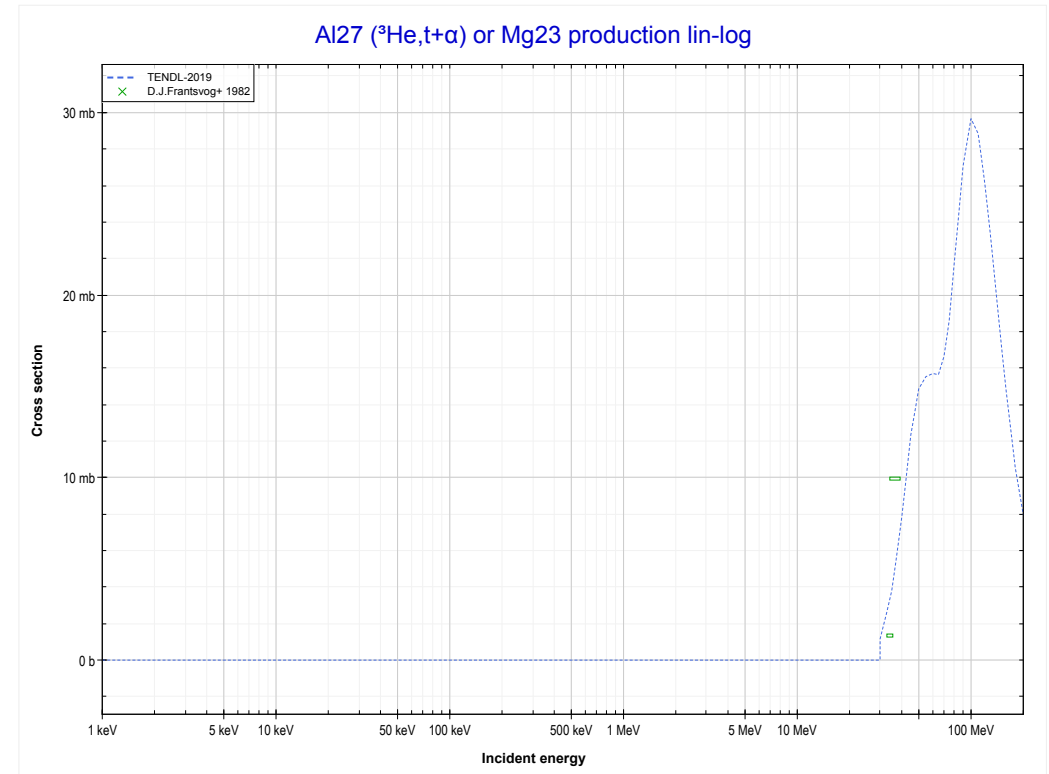
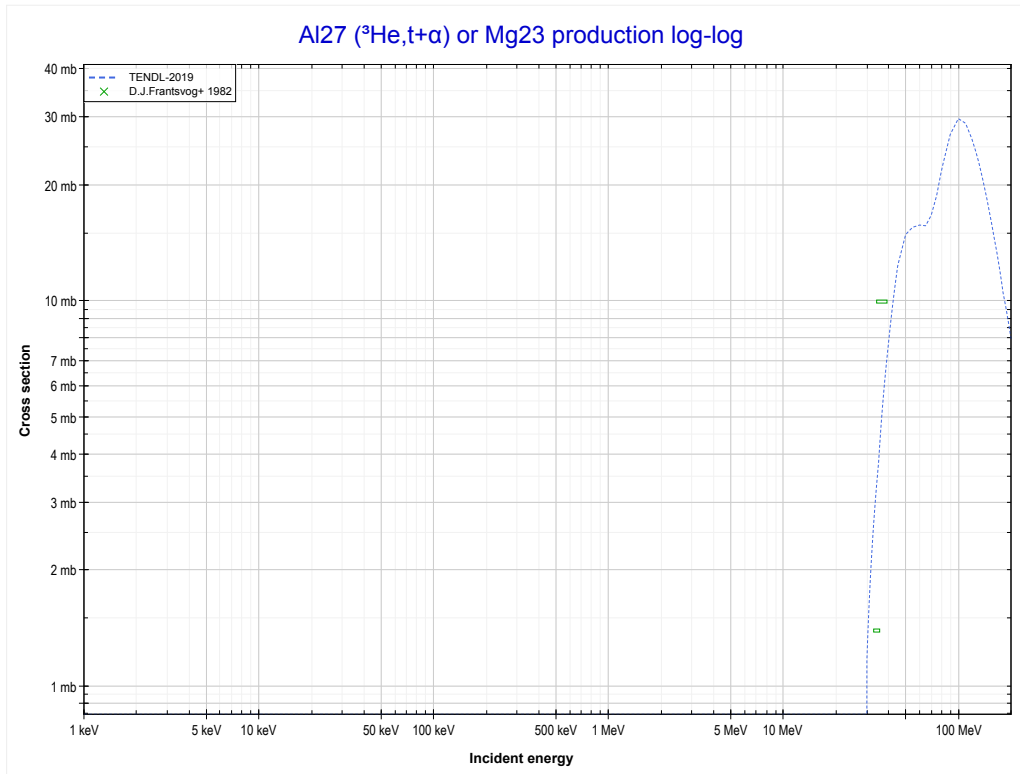
Reaction	Q-Value
Al27(He3,2p)Al28	7.06 keV

<< 12-Mg-24	13-Al-27	14-Si-28 >>
<< MT111 (³ He,2p)	MT116 (³He,p+t) or MT5 (Al26 production)	MT155 (³ He,t+α) >>



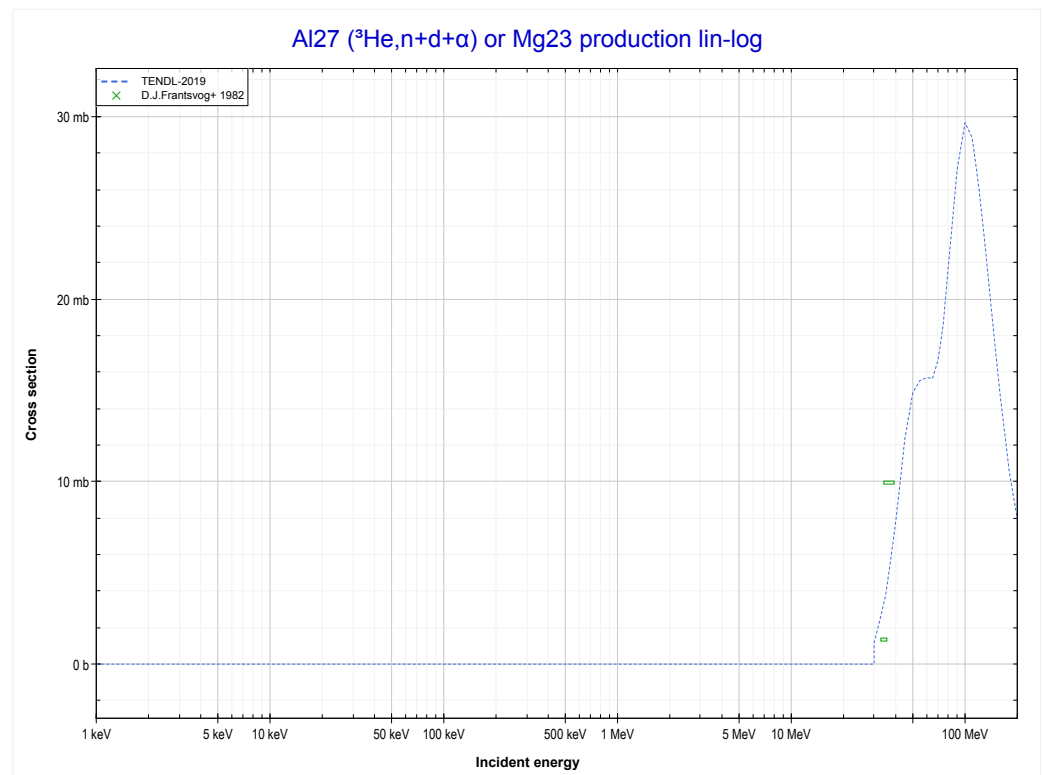
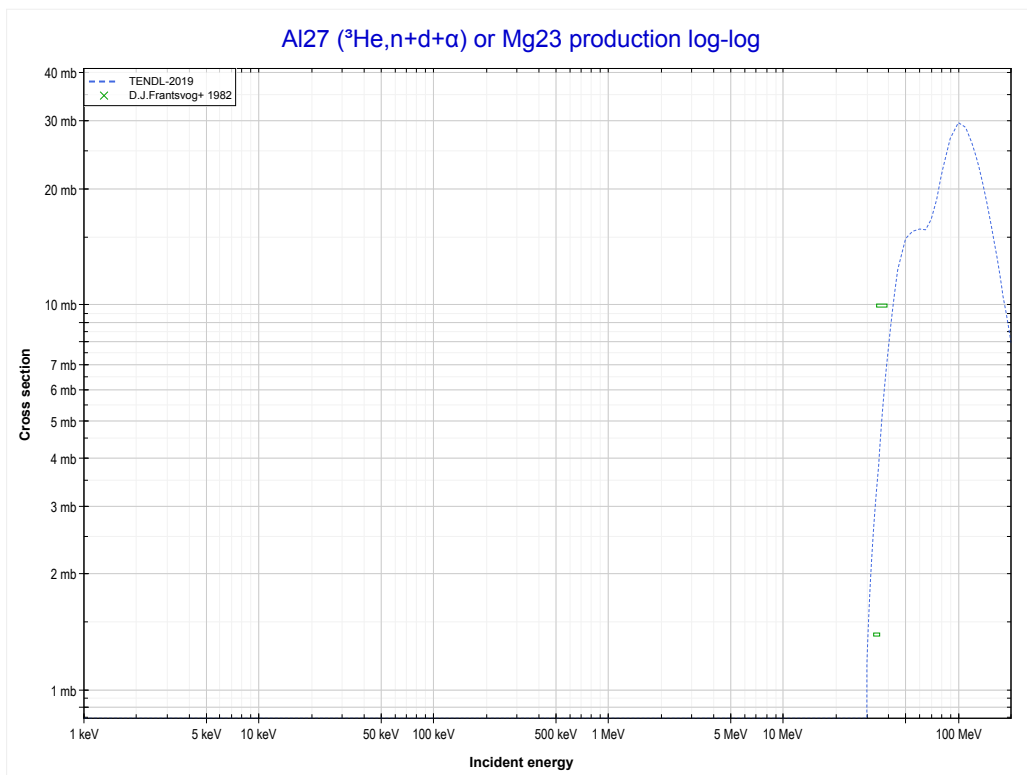
Reaction	Q-Value
Al27(He3,α)Al26	7519.59 keV
Al27(He3,p+t)Al26	-12294.27 keV
Al27(He3,n+He3)Al26	-13058.03 keV
Al27(He3,2d)Al26	-16326.94 keV
Al27(He3,n+p+d)Al26	-18551.50 keV
Al27(He3,2n+2p)Al26	-20776.07 keV

	13-AI-27	
<< MT116 (³ He,p+t)	MT155 (³He,t+α) or MT5 (Mg23 production)	MT158 (³ He,n+d+α) >>



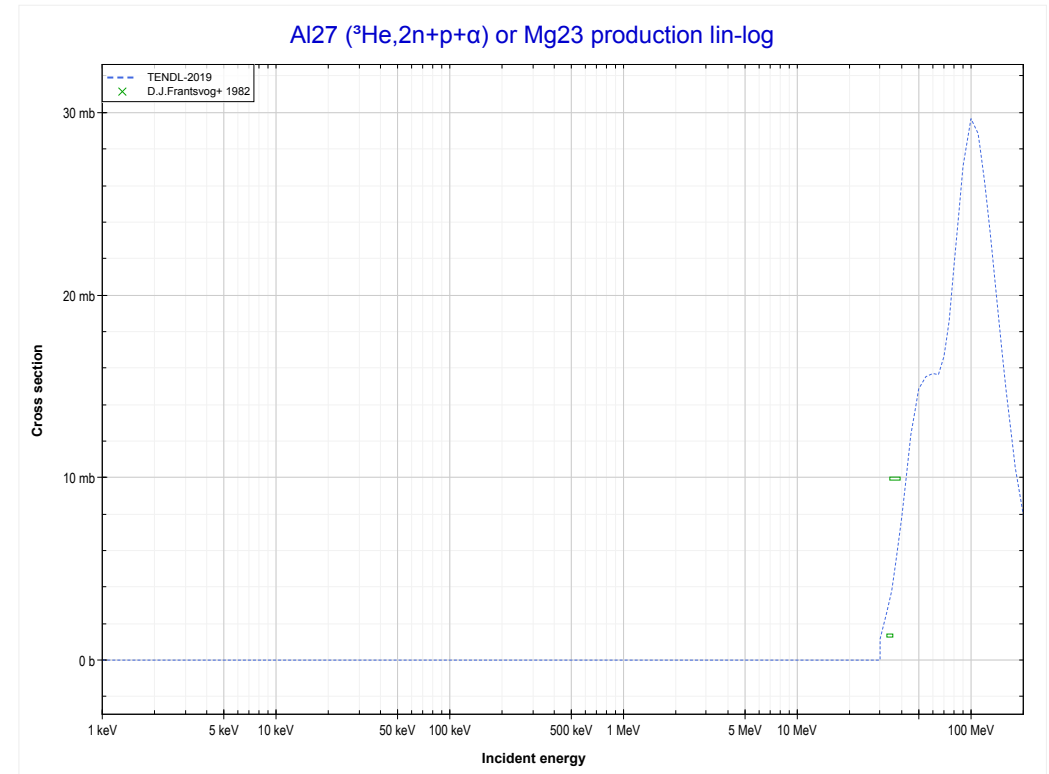
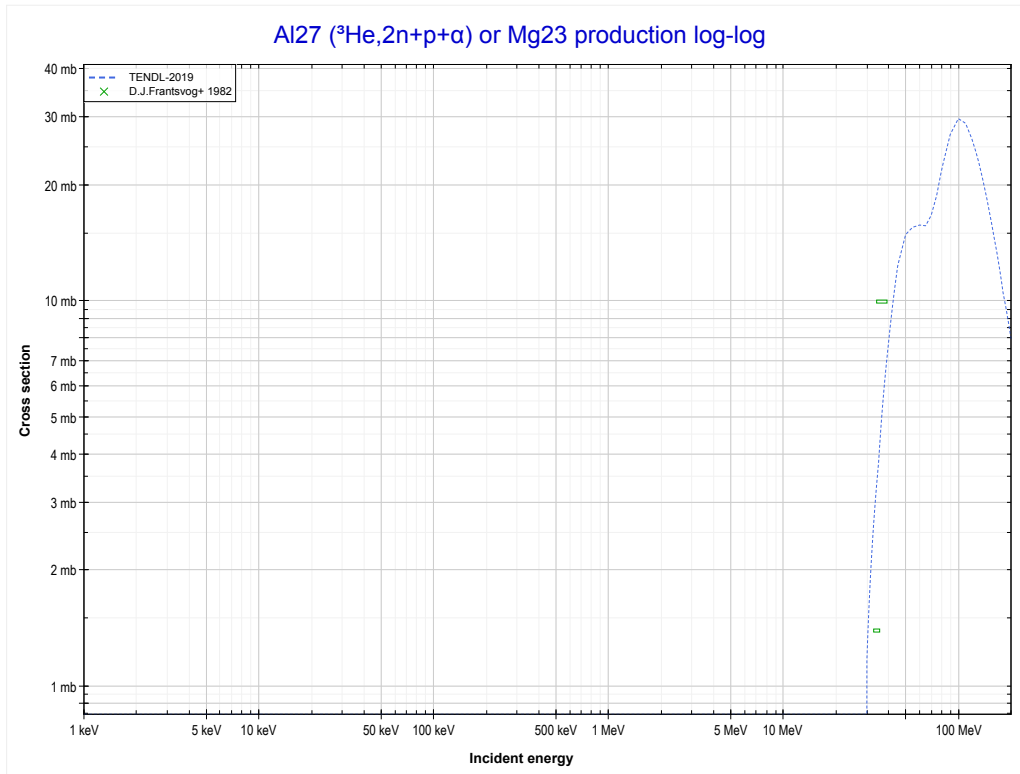
Reaction	Q-Value	Reaction	Q-Value
Al27(He3,t+α)Mg23	-14166.86 keV	Al27(He3,2n+2p+t)Mg23	-42462.52 keV
Al27(He3,n+d+α)Mg23	-20424.09 keV	Al27(He3,3n+p+He3)Mg23	-43226.27 keV
Al27(He3,2n+p+α)Mg23	-22648.65 keV	Al27(He3,n+3d)Mg23	-44270.61 keV
Al27(He3,p+2t)Mg23	-33980.72 keV	Al27(He3,2n+p+2d)Mg23	-46495.18 keV
Al27(He3,n+t+He3)Mg23	-34744.48 keV	Al27(He3,3n+2p+d)Mg23	-48719.75 keV
Al27(He3,2d+t)Mg23	-38013.39 keV	Al27(He3,4n+3p)Mg23	-50944.31 keV
Al27(He3,n+p+d+t)Mg23	-40237.95 keV		
Al27(He3,2n+d+He3)Mg23	-41001.71 keV		

13-Al-27		
<< MT155 ($^3\text{He},t+\alpha$)	MT158 ($^3\text{He},n+d+\alpha$) or MT5 (Mg23 production)	MT159 ($^3\text{He},2n+p+\alpha$) >>



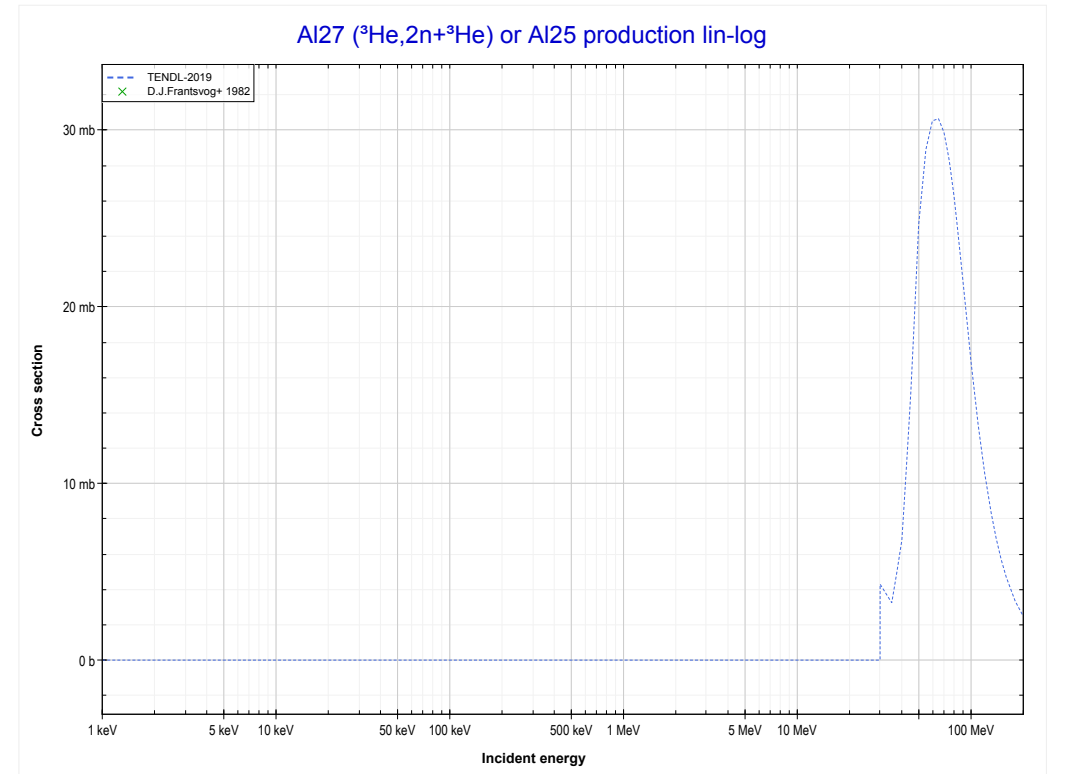
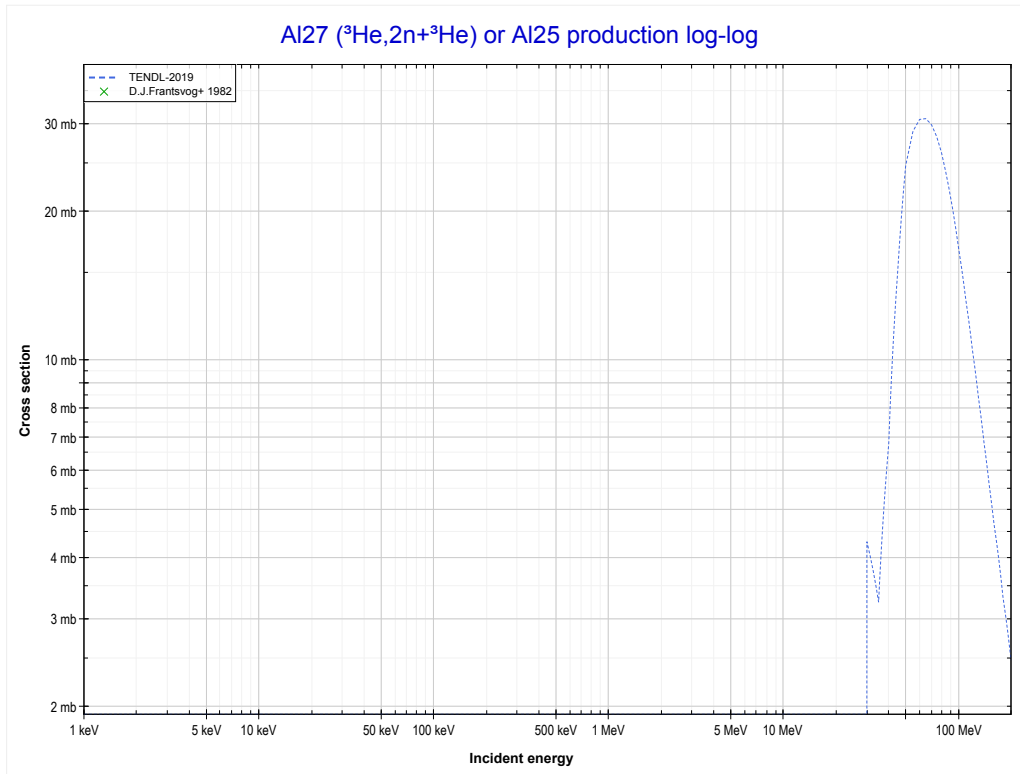
Reaction	Q-Value	Reaction	Q-Value
Al27(He3,t+alpha)Mg23	-14166.86 keV	Al27(He3,2n+2p+t)Mg23	-42462.52 keV
Al27(He3,n+d+alpha)Mg23	-20424.09 keV	Al27(He3,3n+p+He3)Mg23	-43226.27 keV
Al27(He3,2n+p+alpha)Mg23	-22648.65 keV	Al27(He3,n+3d)Mg23	-44270.61 keV
Al27(He3,p+2t)Mg23	-33980.72 keV	Al27(He3,2n+p+2d)Mg23	-46495.18 keV
Al27(He3,n+t+He3)Mg23	-34744.48 keV	Al27(He3,3n+2p+d)Mg23	-48719.75 keV
Al27(He3,2d+t)Mg23	-38013.39 keV	Al27(He3,4n+3p)Mg23	-50944.31 keV
Al27(He3,n+p+d+t)Mg23	-40237.95 keV		
Al27(He3,2n+d+He3)Mg23	-41001.71 keV		

	13-AI-27	
<< MT158 ($^3\text{He},n+d+\alpha$)	MT159 ($^3\text{He},2n+p+\alpha$) or MT5 (Mg23 production)	MT176 ($^3\text{He},2n+^3\text{He}$) >>



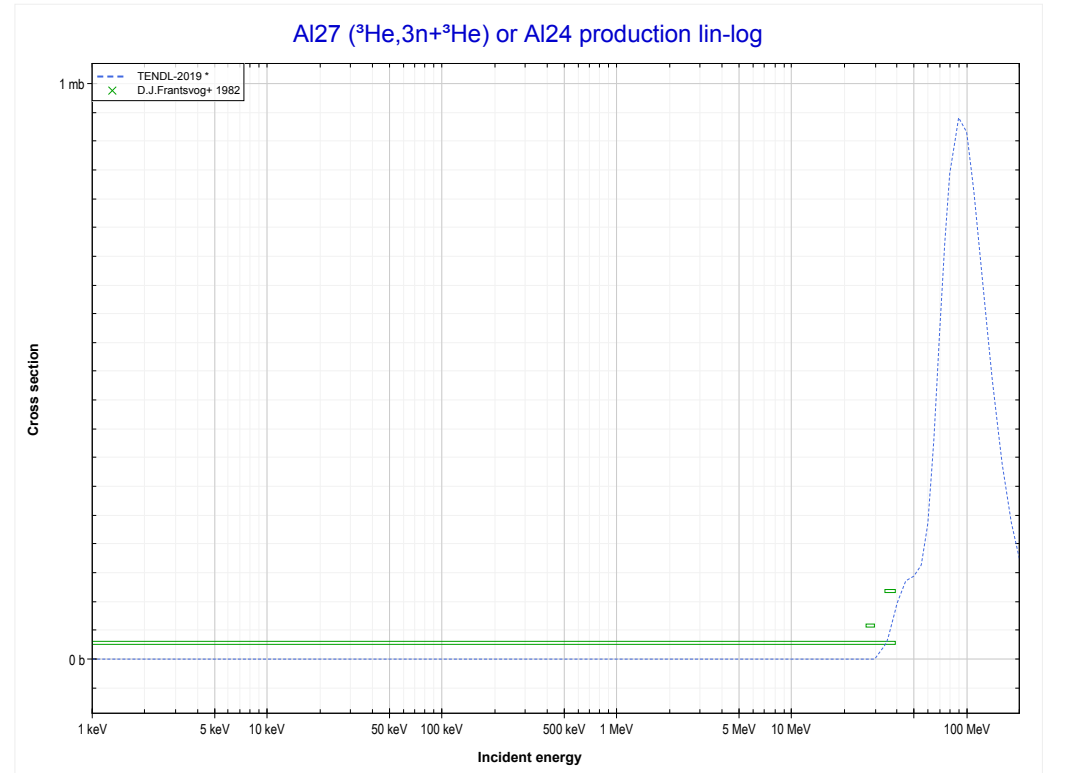
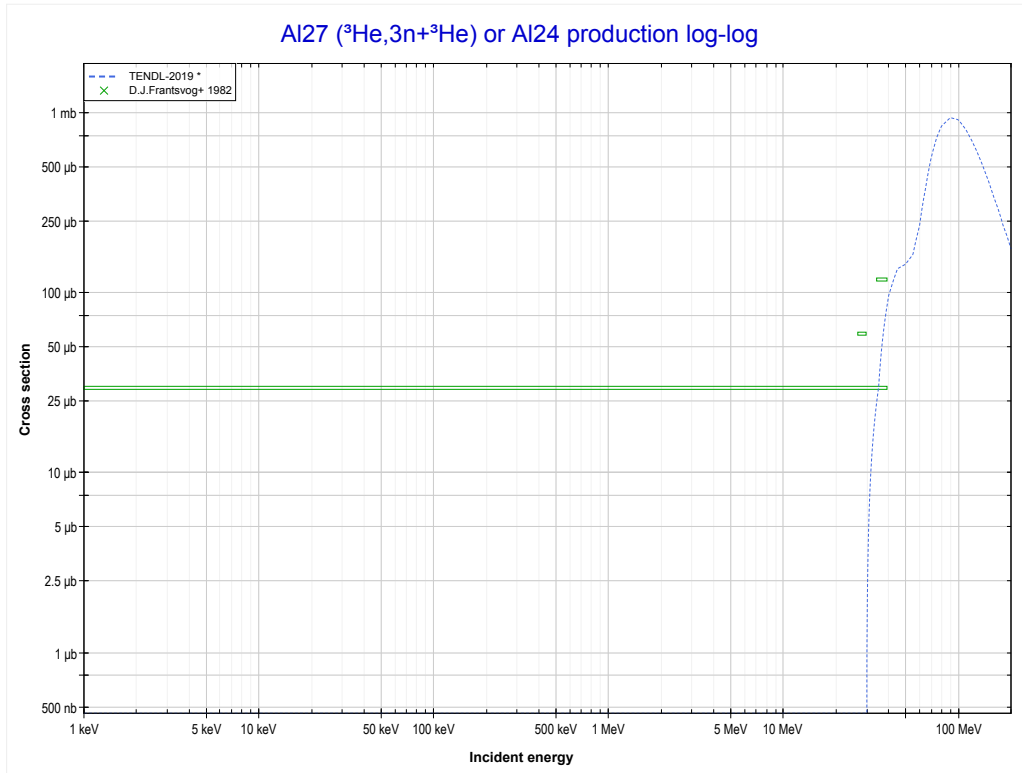
Reaction	Q-Value	Reaction	Q-Value
Al27(He3,t+alpha)Mg23	-14166.86 keV	Al27(He3,2n+2p+t)Mg23	-42462.52 keV
Al27(He3,n+d+alpha)Mg23	-20424.09 keV	Al27(He3,3n+p+He3)Mg23	-43226.27 keV
Al27(He3,2n+p+alpha)Mg23	-22648.65 keV	Al27(He3,n+3d)Mg23	-44270.61 keV
Al27(He3,p+2t)Mg23	-33980.72 keV	Al27(He3,2n+p+2d)Mg23	-46495.18 keV
Al27(He3,n+t+He3)Mg23	-34744.48 keV	Al27(He3,3n+2p+d)Mg23	-48719.75 keV
Al27(He3,2d+t)Mg23	-38013.39 keV	Al27(He3,4n+3p)Mg23	-50944.31 keV
Al27(He3,n+p+d+t)Mg23	-40237.95 keV		
Al27(He3,2n+d+He3)Mg23	-41001.71 keV		

<< 12-Mg-24	13-Al-27	14-Si-28 >>
<< MT159 (³ He,2n+p+α)	MT176 (³He,2n+³He) or MT5 (Al25 production)	MT177 (³ He,3n+ ³ He) >>



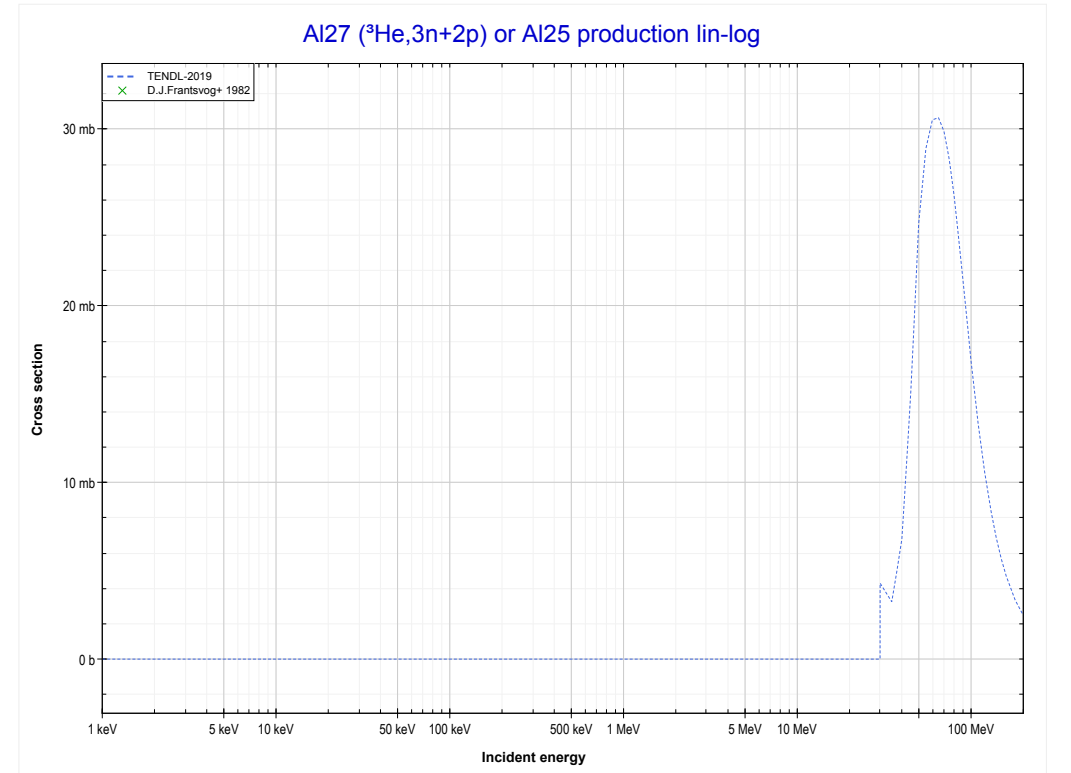
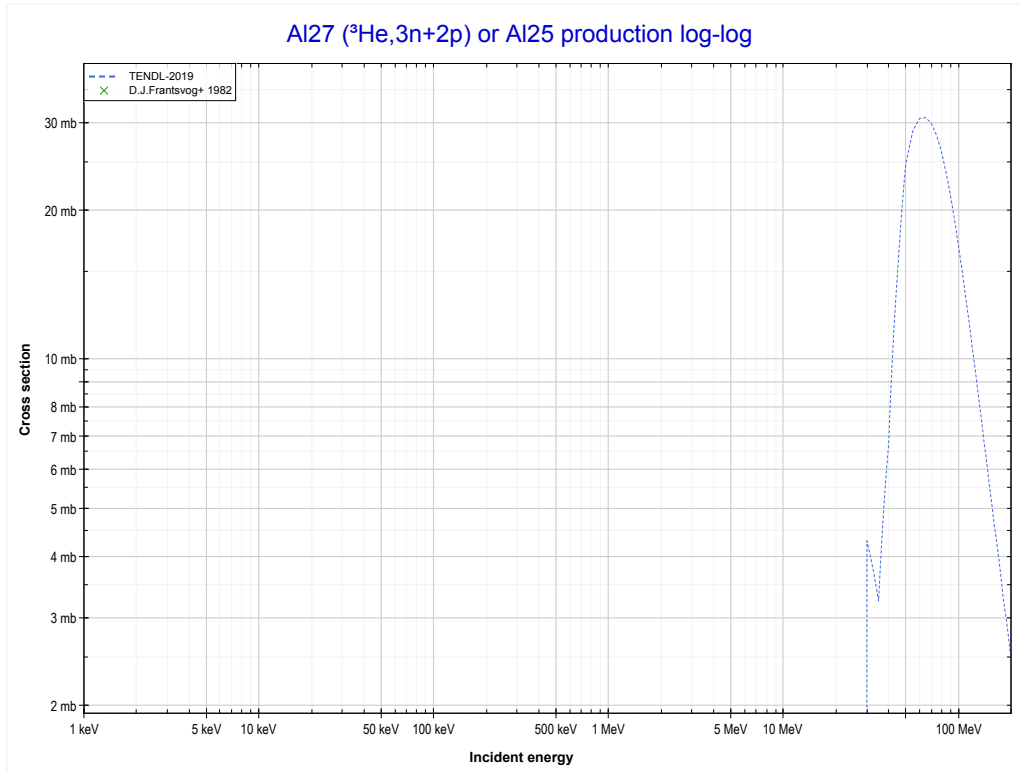
Reaction	Q-Value
Al27(He3,n+α)Al25	-3845.90 keV
Al27(He3,d+t)Al25	-21435.20 keV
Al27(He3,n+p+t)Al25	-23659.77 keV
Al27(He3,2n+He3)Al25	-24423.52 keV
Al27(He3,n+2d)Al25	-27692.43 keV
Al27(He3,2n+p+d)Al25	-29917.00 keV
Al27(He3,3n+2p)Al25	-32141.56 keV

	13-Al-27	27-Co-59 >>
<< MT176 (³He,2n+³He)	MT177 (³He,3n+³He) or MT5 (Al24 production)	MT179 (³He,3n+2p) >>



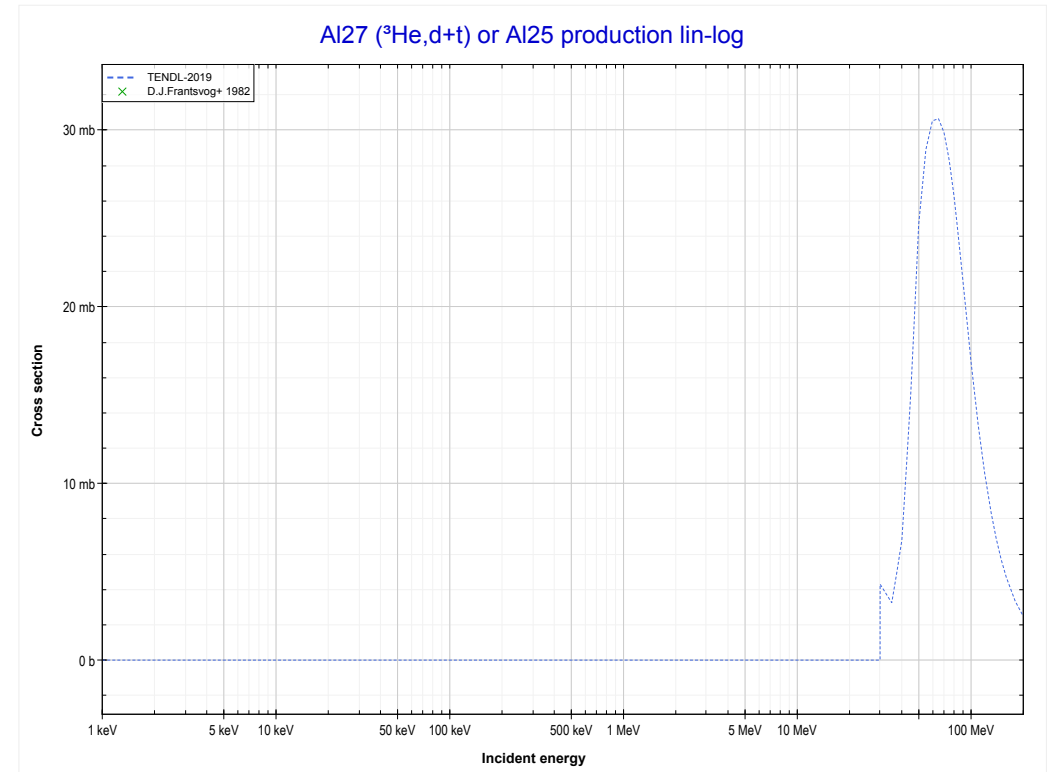
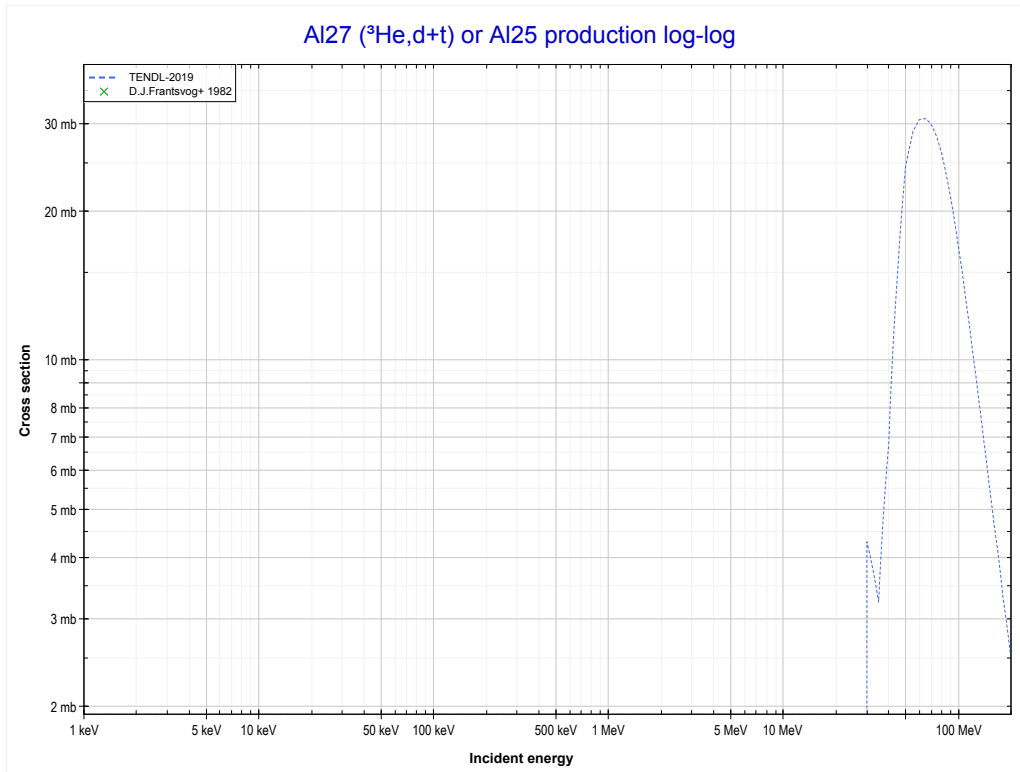
Reaction	Q-Value
Al27(He3,2n+α)Al24	-20784.33 keV
Al27(He3,2t)Al24	-32116.40 keV
Al27(He3,n+d+t)Al24	-38373.63 keV
Al27(He3,2n+p+t)Al24	-40598.20 keV
Al27(He3,3n+He3)Al24	-41361.95 keV
Al27(He3,2n+2d)Al24	-44630.86 keV
Al27(He3,3n+p+d)Al24	-46855.43 keV
Al27(He3,4n+2p)Al24	-49079.99 keV

<< 12-Mg-24	13-Al-27	14-Si-28 >>
<< MT177 (³ He,3n+ ³ He)	MT179 (³He,3n+2p) or MT5 (Al25 production)	MT182 (³ He,d+t) >>



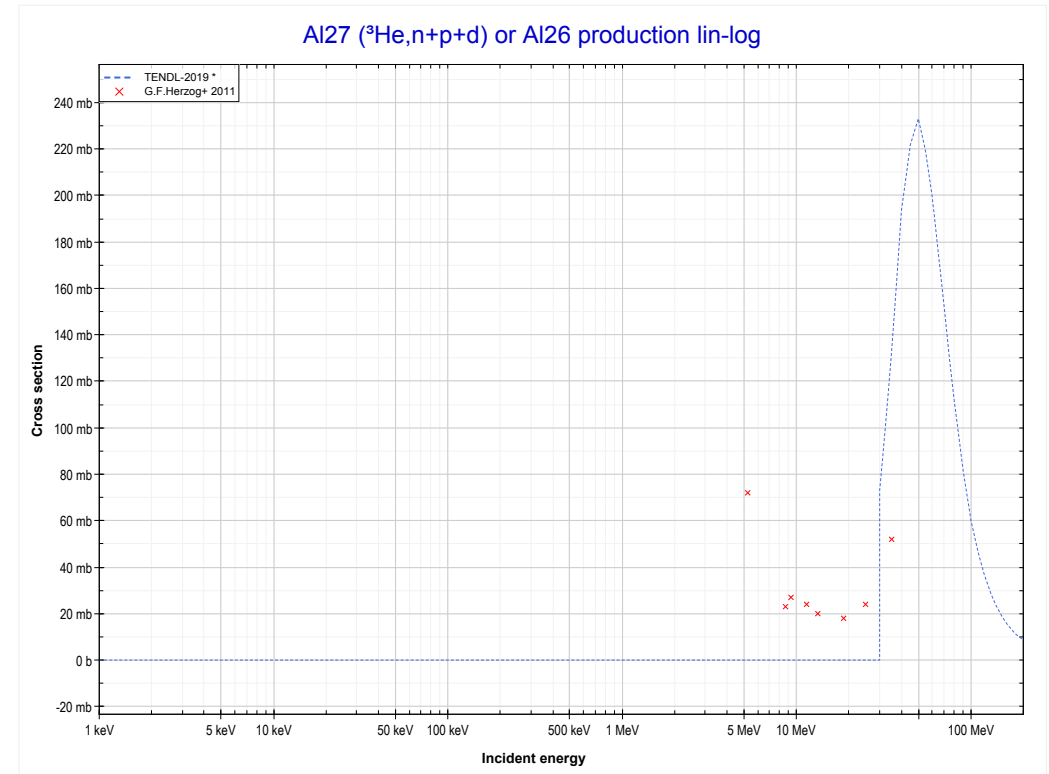
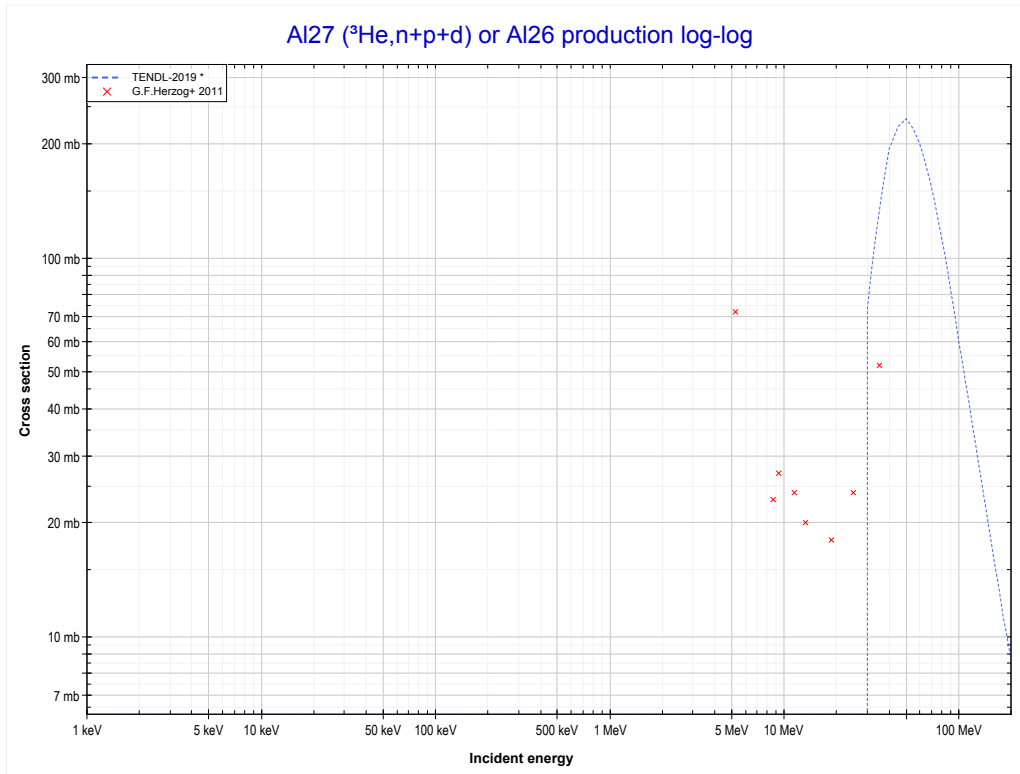
Reaction	Q-Value
Al27(He3,n+α)Al25	-3845.90 keV
Al27(He3,d+t)Al25	-21435.20 keV
Al27(He3,n+p+t)Al25	-23659.77 keV
Al27(He3,2n+He3)Al25	-24423.52 keV
Al27(He3,n+2d)Al25	-27692.43 keV
Al27(He3,2n+p+d)Al25	-29917.00 keV
Al27(He3,3n+2p)Al25	-32141.56 keV

<< 12-Mg-24	13-Al-27	14-Si-28 >>
<< MT179 ($^3\text{He},3n+2p$)	MT182 ($^3\text{He},d+t$) or MT5 (Al25 production)	MT183 ($^3\text{He},n+p+d$) >>



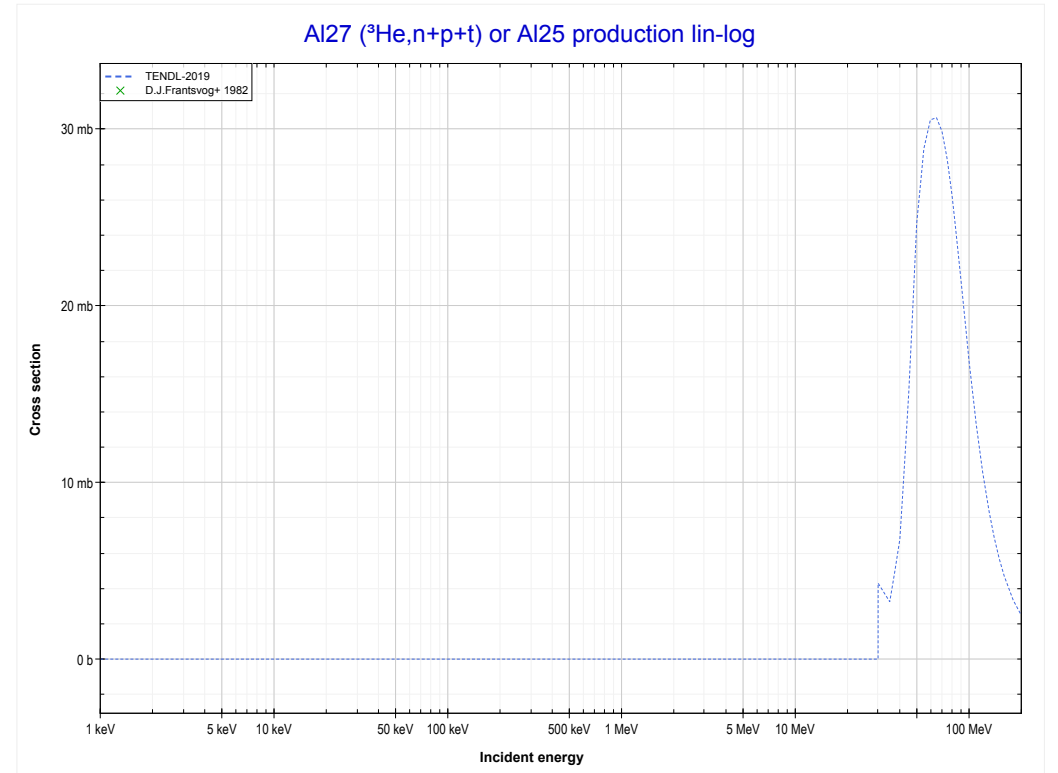
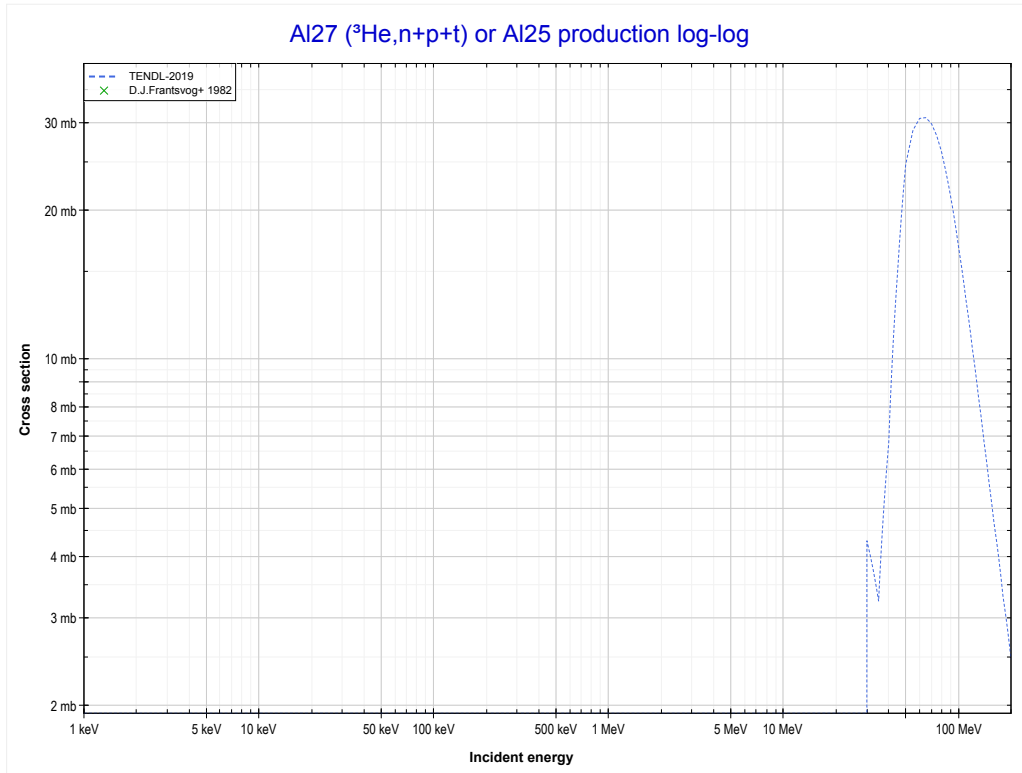
Reaction	Q-Value
Al27(He3,n+α)Al25	-3845.90 keV
Al27(He3,d+t)Al25	-21435.20 keV
Al27(He3,n+p+t)Al25	-23659.77 keV
Al27(He3,2n+He3)Al25	-24423.52 keV
Al27(He3,n+2d)Al25	-27692.43 keV
Al27(He3,2n+p+d)Al25	-29917.00 keV
Al27(He3,3n+2p)Al25	-32141.56 keV

<< 12-Mg-24	13-Al-27	14-Si-28 >>
<< MT182 (³ He,d+t)	MT183 (³He,n+p+d) or MT5 (Al26 production)	MT184 (³ He,n+p+t) >>



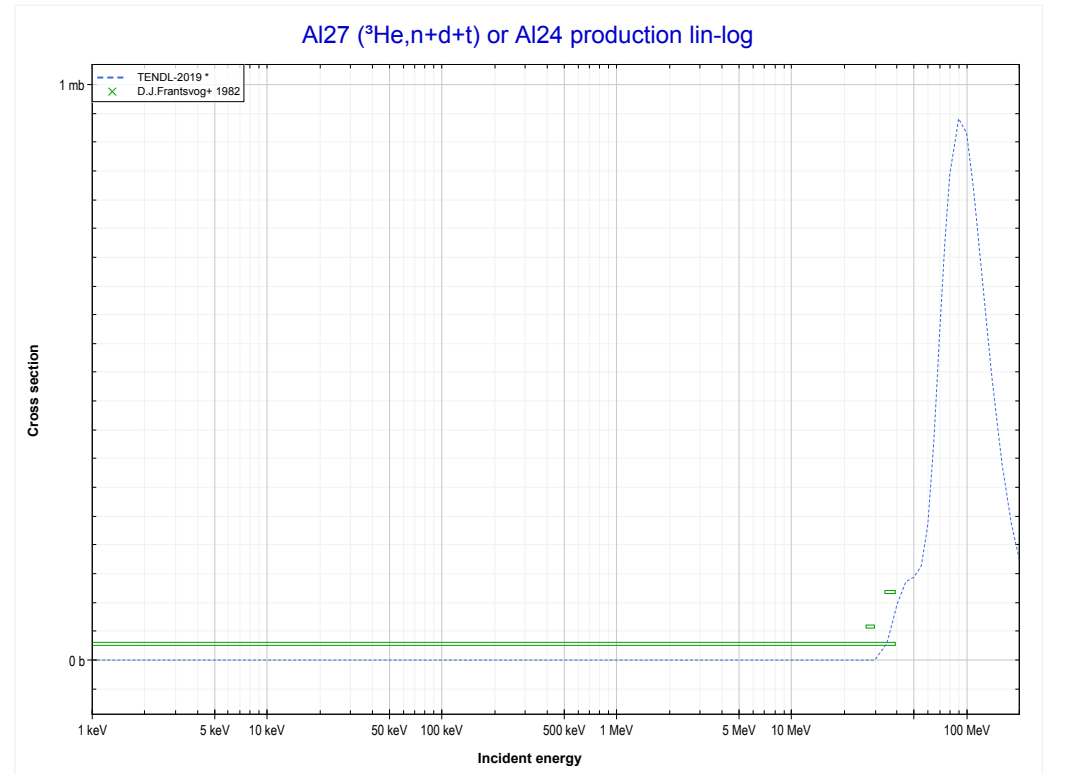
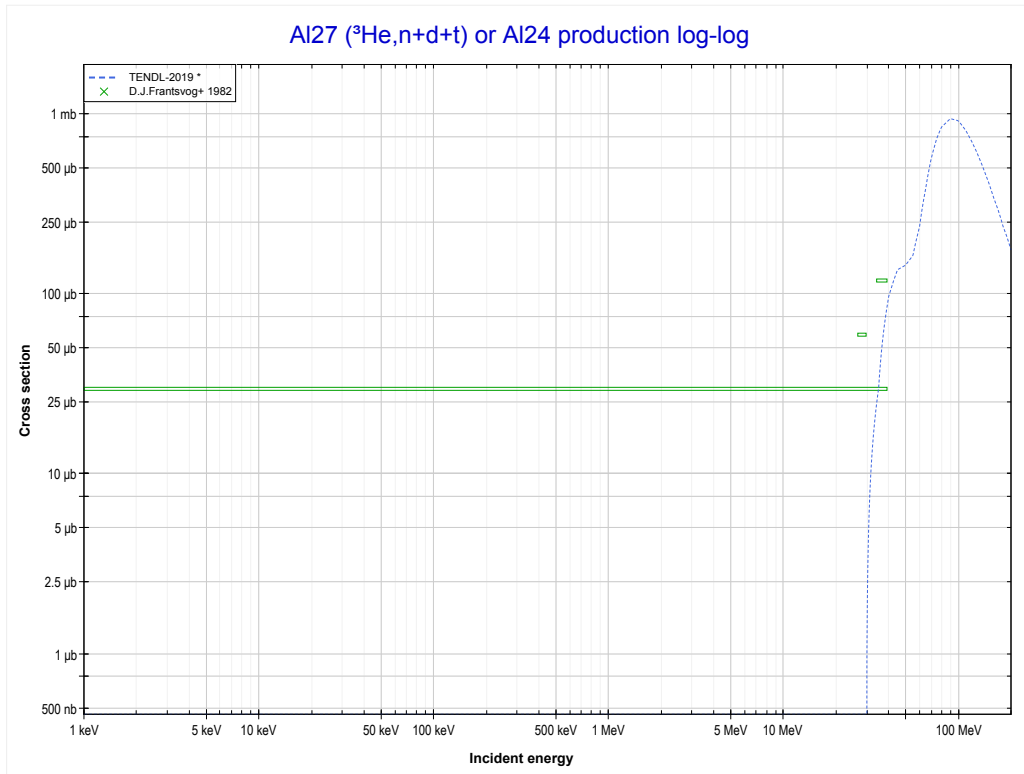
Reaction	Q-Value
Al27(He3,α)Al26	7519.59 keV
Al27(He3,p+t)Al26	-12294.27 keV
Al27(He3,n+He3)Al26	-13058.03 keV
Al27(He3,2d)Al26	-16326.94 keV
Al27(He3,n+p+d)Al26	-18551.50 keV
Al27(He3,2n+2p)Al26	-20776.07 keV

<< 12-Mg-24	13-Al-27	14-Si-28 >>
<< MT183 (³ He,n+p+d)	MT184 (³He,n+p+t) or MT5 (Al25 production)	MT185 (³ He,n+d+t) >>



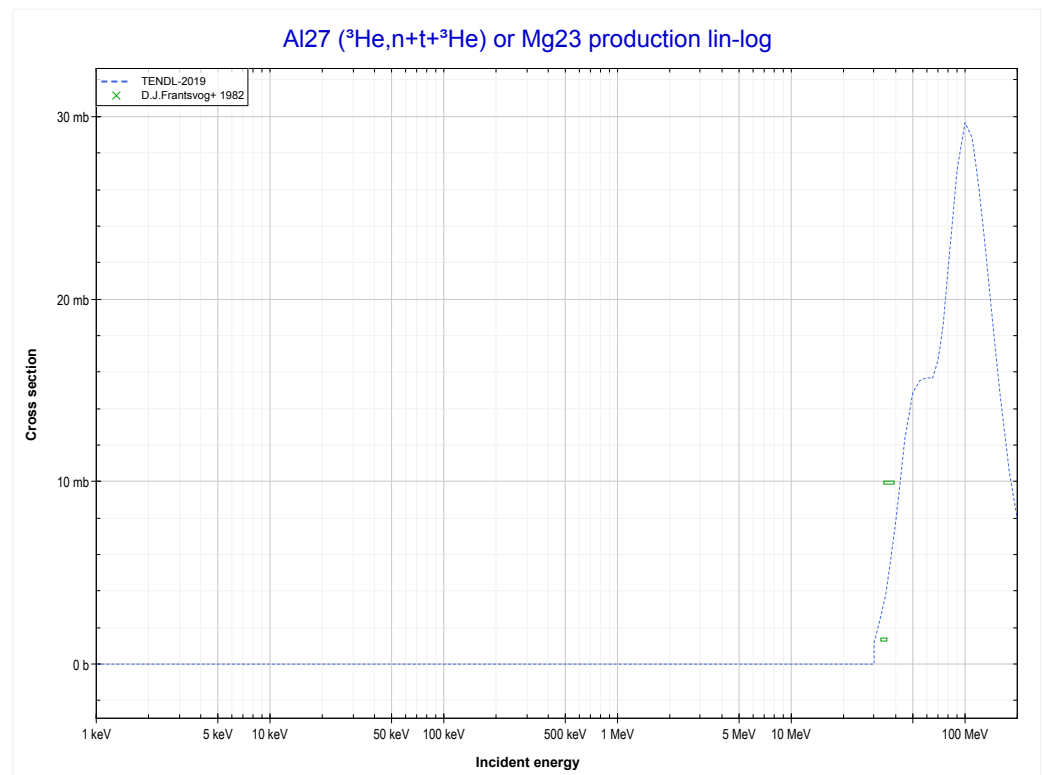
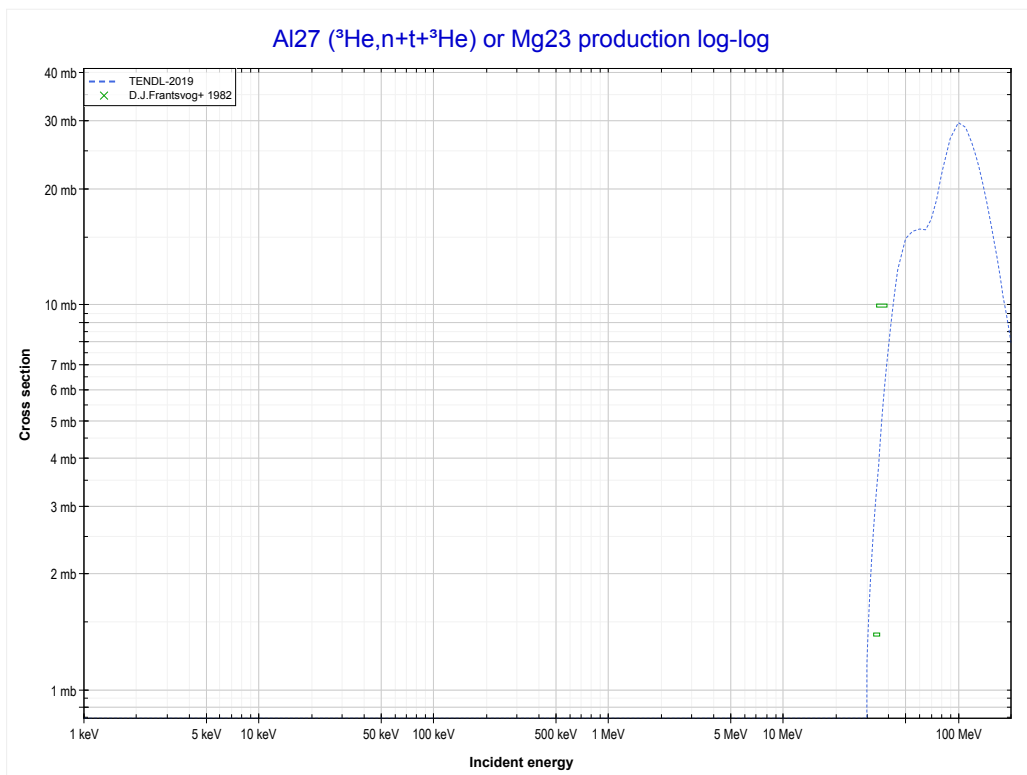
Reaction	Q-Value
Al27(He3,n+α)Al25	-3845.90 keV
Al27(He3,d+t)Al25	-21435.20 keV
Al27(He3,n+p+t)Al25	-23659.77 keV
Al27(He3,2n+He3)Al25	-24423.52 keV
Al27(He3,n+2d)Al25	-27692.43 keV
Al27(He3,2n+p+d)Al25	-29917.00 keV
Al27(He3,3n+2p)Al25	-32141.56 keV

	13-Al-27	27-Co-59 >>
<< MT184 (³He,n+p+t)	MT185 (³He,n+d+t) or MT5 (Al24 production)	MT188 (³He,n+t+³He) >>



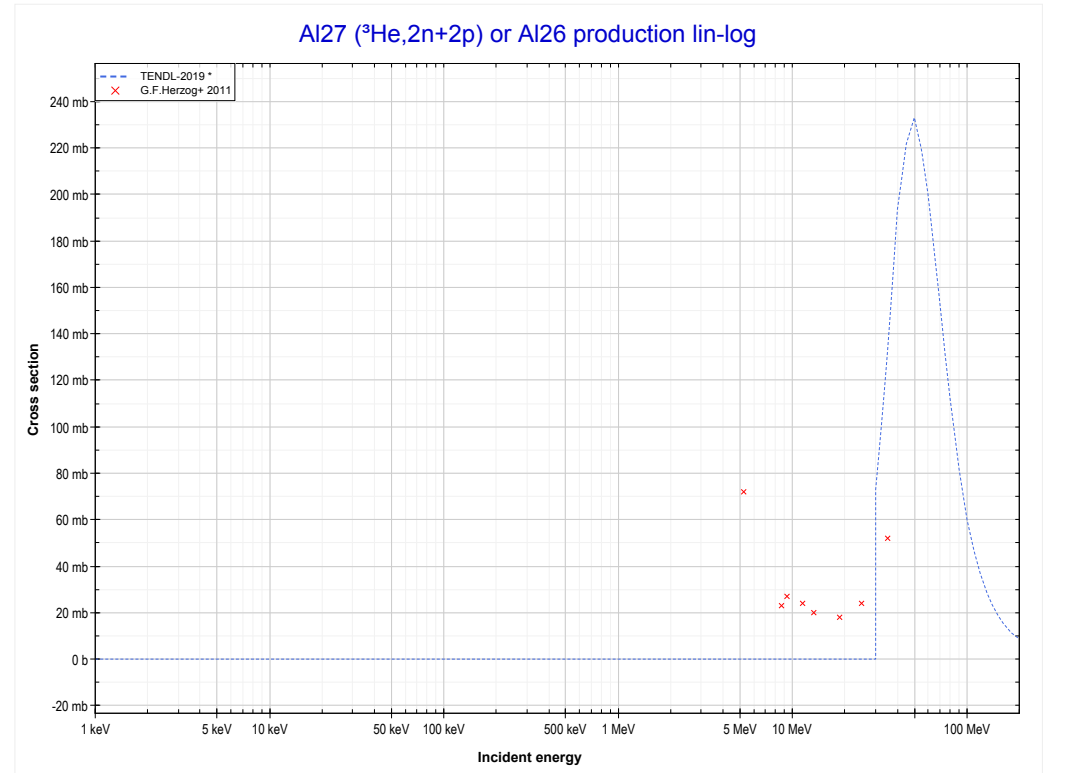
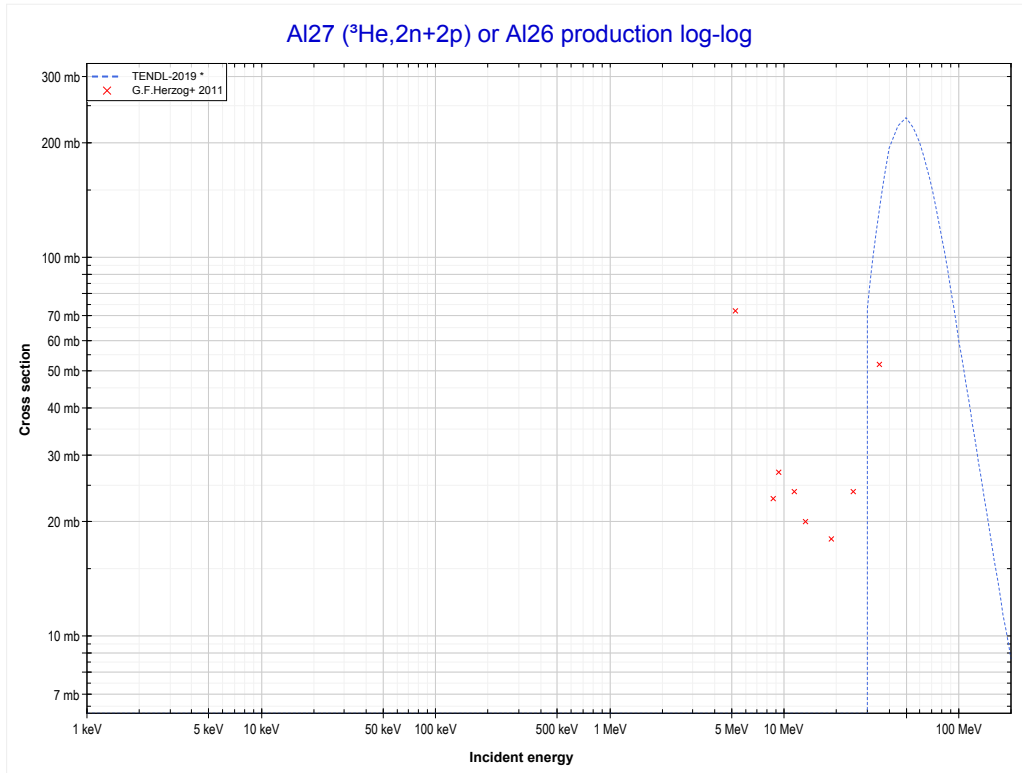
Reaction	Q-Value
Al27(He3,2n+α)Al24	-20784.33 keV
Al27(He3,2t)Al24	-32116.40 keV
Al27(He3,n+d+t)Al24	-38373.63 keV
Al27(He3,2n+p+t)Al24	-40598.20 keV
Al27(He3,3n+He3)Al24	-41361.95 keV
Al27(He3,2n+2d)Al24	-44630.86 keV
Al27(He3,3n+p+d)Al24	-46855.43 keV
Al27(He3,4n+2p)Al24	-49079.99 keV

	13-AI-27	
<< MT185 (${}^3\text{He},n+d+t$)	MT188 (${}^3\text{He},n+t+{}^3\text{He}$) or MT5 (Mg23 production)	MT190 (${}^3\text{He},2n+2p$) >>



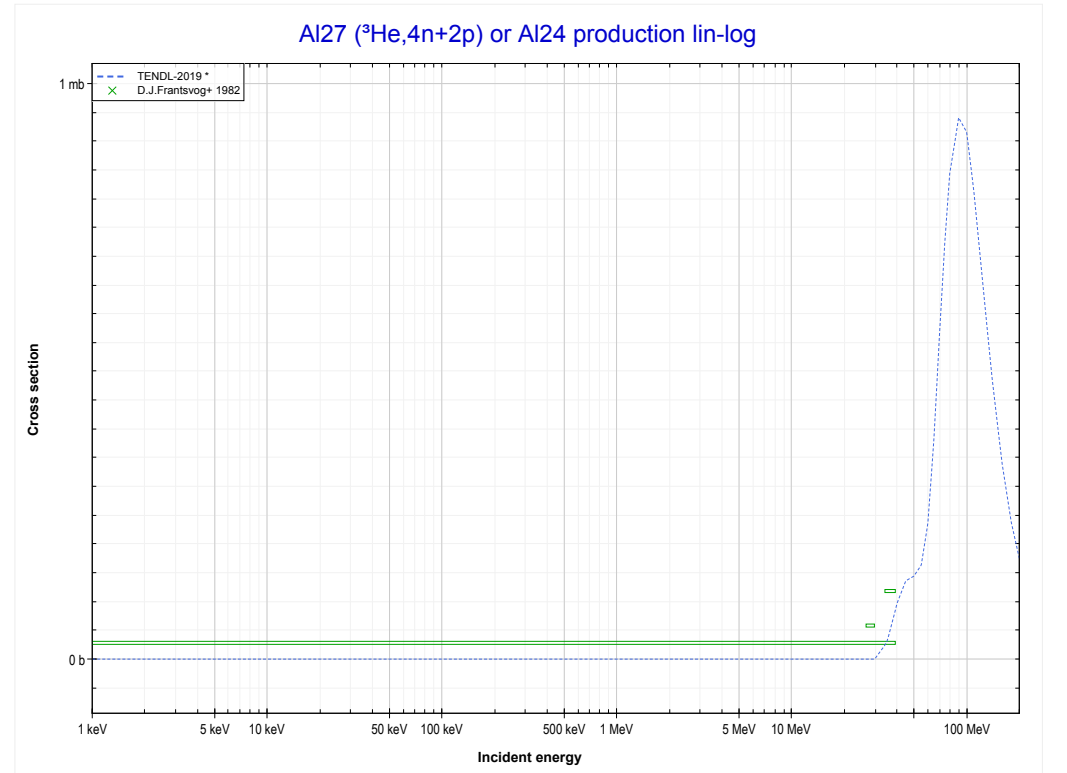
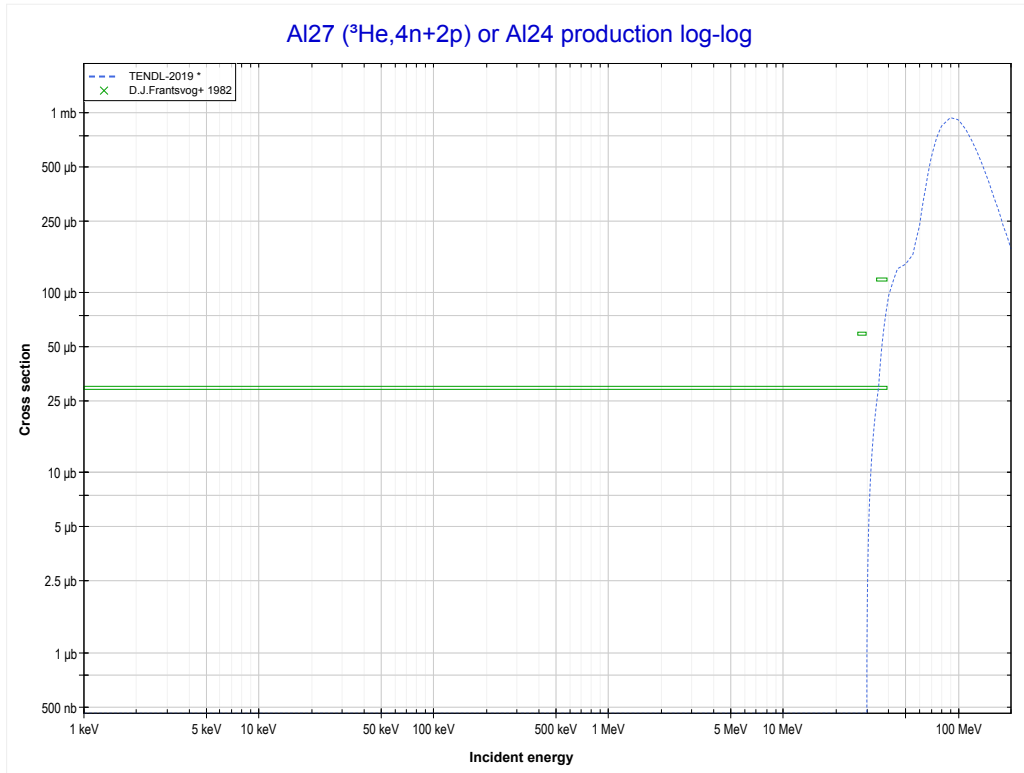
Reaction	Q-Value	Reaction	Q-Value
Al27(He3,t+α)Mg23	-14166.86 keV	Al27(He3,2n+2p+t)Mg23	-42462.52 keV
Al27(He3,n+d+α)Mg23	-20424.09 keV	Al27(He3,3n+p+He3)Mg23	-43226.27 keV
Al27(He3,2n+p+α)Mg23	-22648.65 keV	Al27(He3,n+3d)Mg23	-44270.61 keV
Al27(He3,p+2t)Mg23	-33980.72 keV	Al27(He3,2n+p+2d)Mg23	-46495.18 keV
Al27(He3,n+t+He3)Mg23	-34744.48 keV	Al27(He3,3n+2p+d)Mg23	-48719.75 keV
Al27(He3,2d+t)Mg23	-38013.39 keV	Al27(He3,4n+3p)Mg23	-50944.31 keV
Al27(He3,n+p+d+t)Mg23	-40237.95 keV		
Al27(He3,2n+d+He3)Mg23	-41001.71 keV		

<< 12-Mg-24	13-Al-27	14-Si-28 >>
<< MT188 ($^3\text{He},n+t+^3\text{He}$)	MT190 ($^3\text{He},2n+2p$) or MT5 (Al26 production)	MT194 ($^3\text{He},4n+2p$) >>



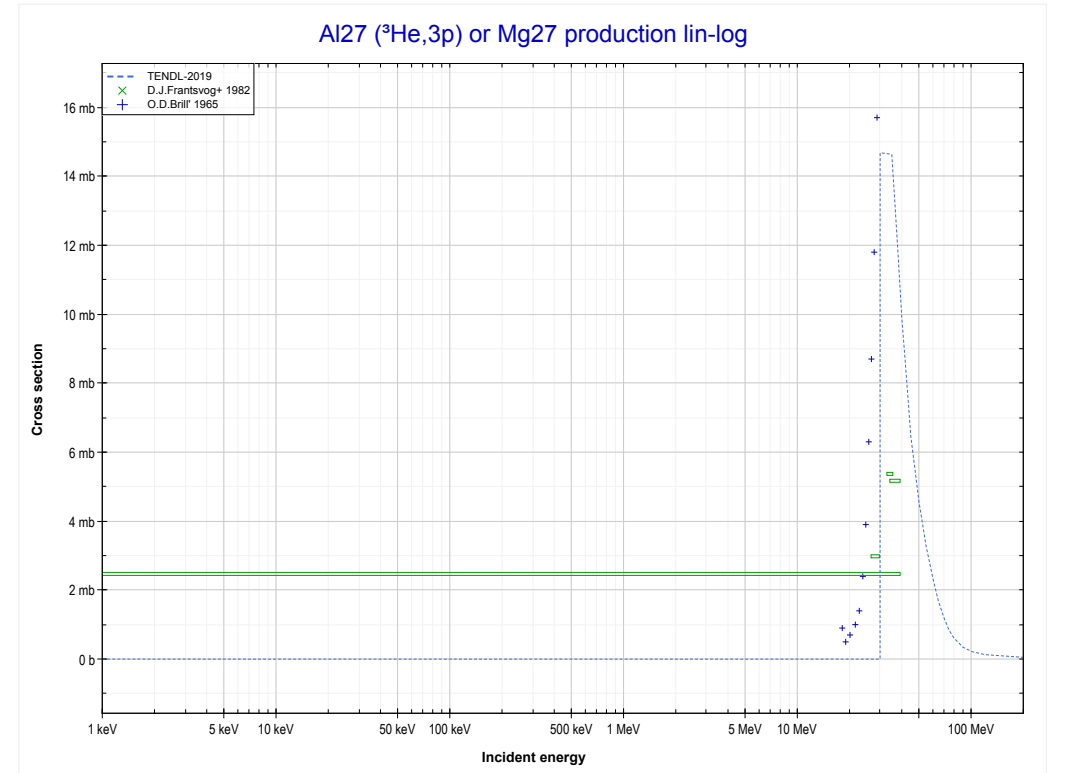
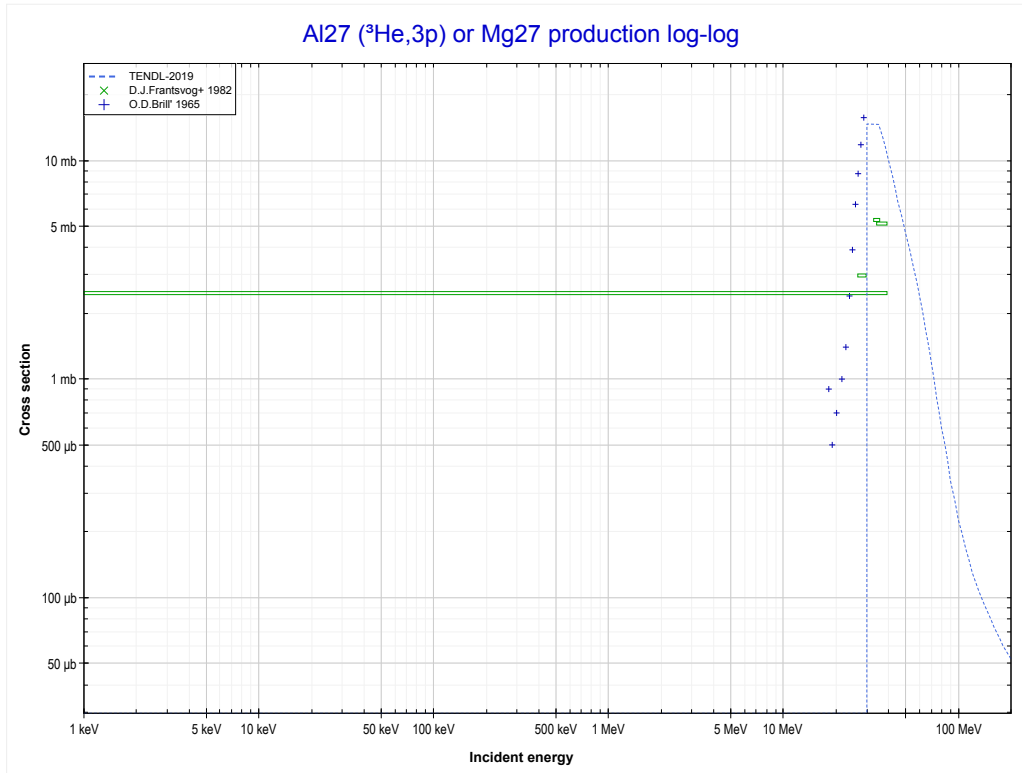
Reaction	Q-Value
Al27(He3, α)Al26	7519.59 keV
Al27(He3,p+t)Al26	-12294.27 keV
Al27(He3,n+He3)Al26	-13058.03 keV
Al27(He3,2d)Al26	-16326.94 keV
Al27(He3,n+p+d)Al26	-18551.50 keV
Al27(He3,2n+2p)Al26	-20776.07 keV

	13-Al-27	27-Co-59 >>
<< MT190 (³ He,2n+2p)	MT194 (³He,4n+2p) or MT5 (Al24 production)	MT197 (³He,3p) >>



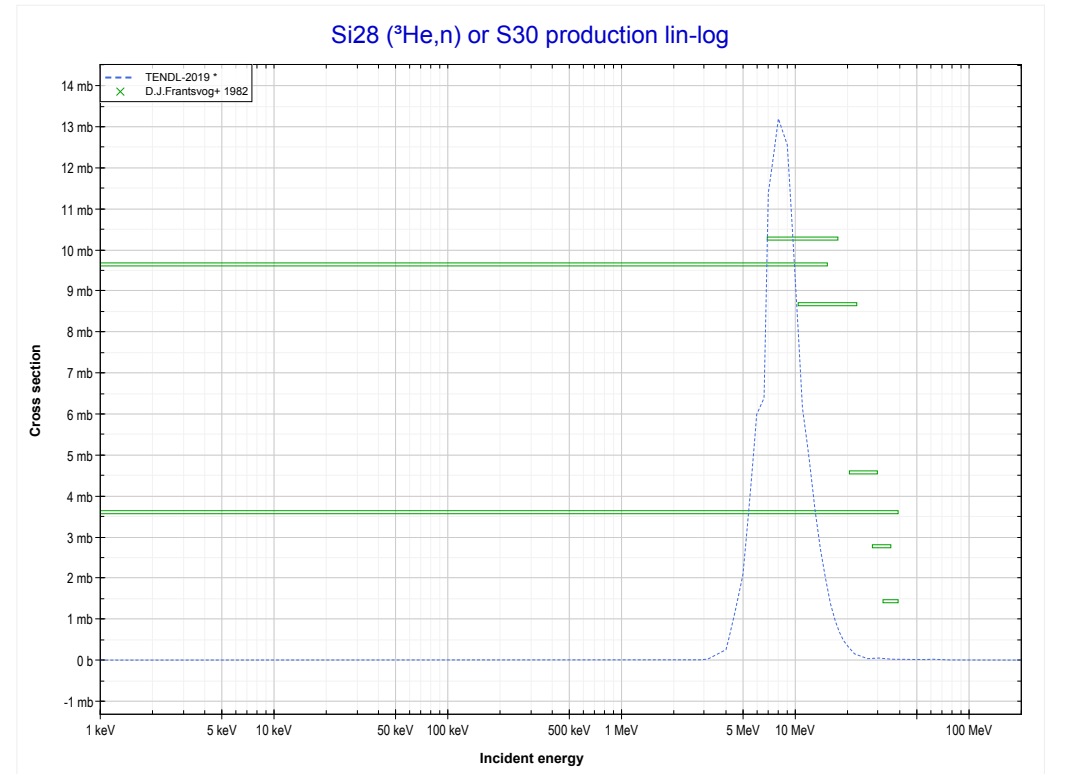
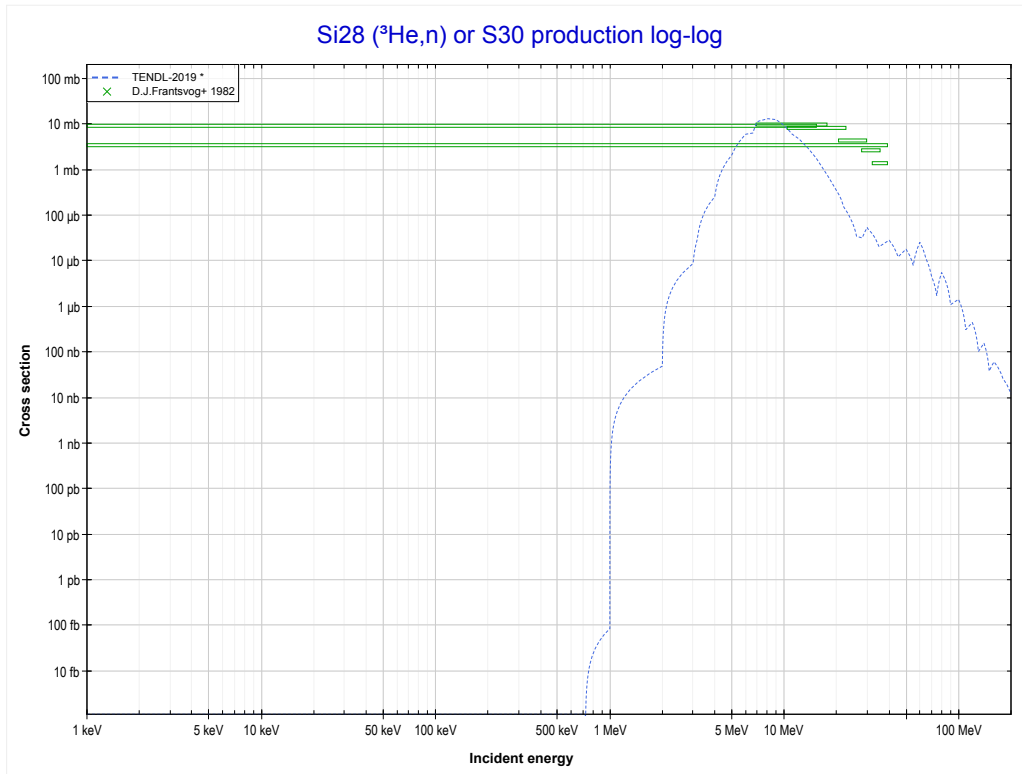
Reaction	Q-Value
Al27(He3,2n+α)Al24	-20784.33 keV
Al27(He3,2t)Al24	-32116.40 keV
Al27(He3,n+d+t)Al24	-38373.63 keV
Al27(He3,2n+p+t)Al24	-40598.20 keV
Al27(He3,3n+He3)Al24	-41361.95 keV
Al27(He3,2n+2d)Al24	-44630.86 keV
Al27(He3,3n+p+d)Al24	-46855.43 keV
Al27(He3,4n+2p)Al24	-49079.99 keV

<< 12-Mg-26	13-Al-27	14-Si-28 >>
<< MT194 ($^3\text{He},4n+2p$)	MT197 ($^3\text{He},3p$) or MT5 (Mg27 production)	14-Si-28 MT4 ($^3\text{He},n$) >>



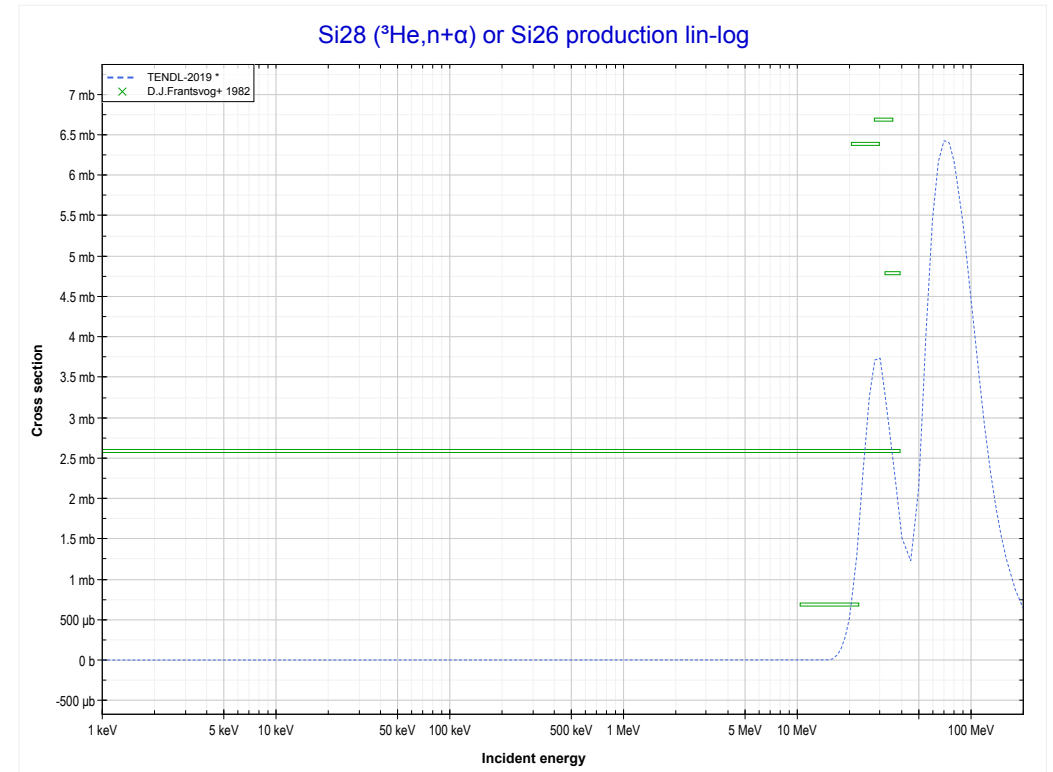
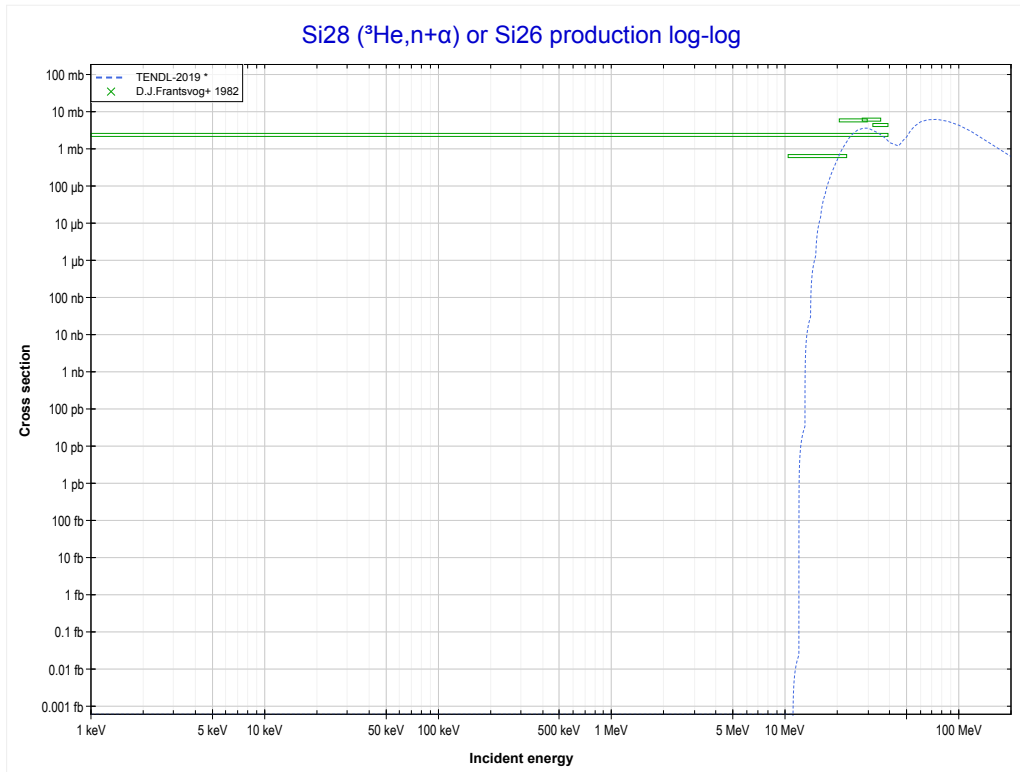
Reaction	Q-Value
Al27(He3,3p)Mg27	-9545.94 keV

<< 13-Al-27	14-Si-28	25-Mn-55 >>
<< 13-Al-27 MT197 (³ He,3p)	MT4 (³He,n) or MT5 (S30 production)	MT22 (³ He,n+α) >>



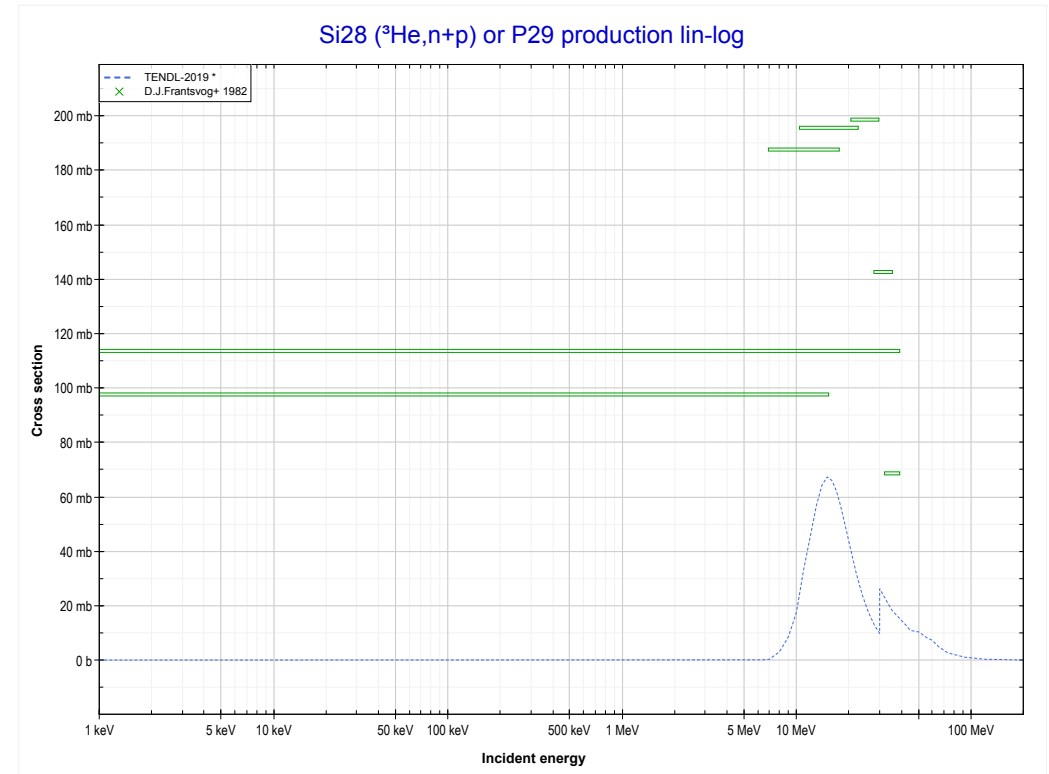
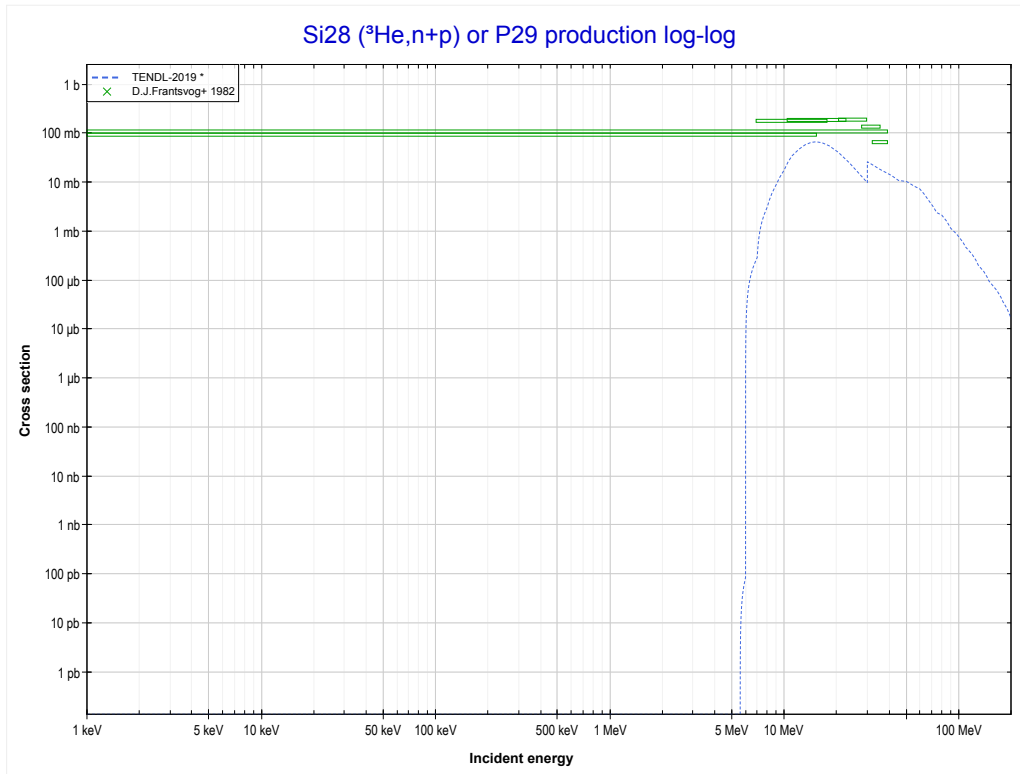
Reaction	Q-Value
Si28(He3,n)S30	-573.64 keV

<< 13-Al-27	14-Si-28	21-Sc-45 >>
<< MT4 (³ He,n)	MT22 (³He,n+α) or MT5 (Si26 production)	MT28 (³ He,n+p) >>



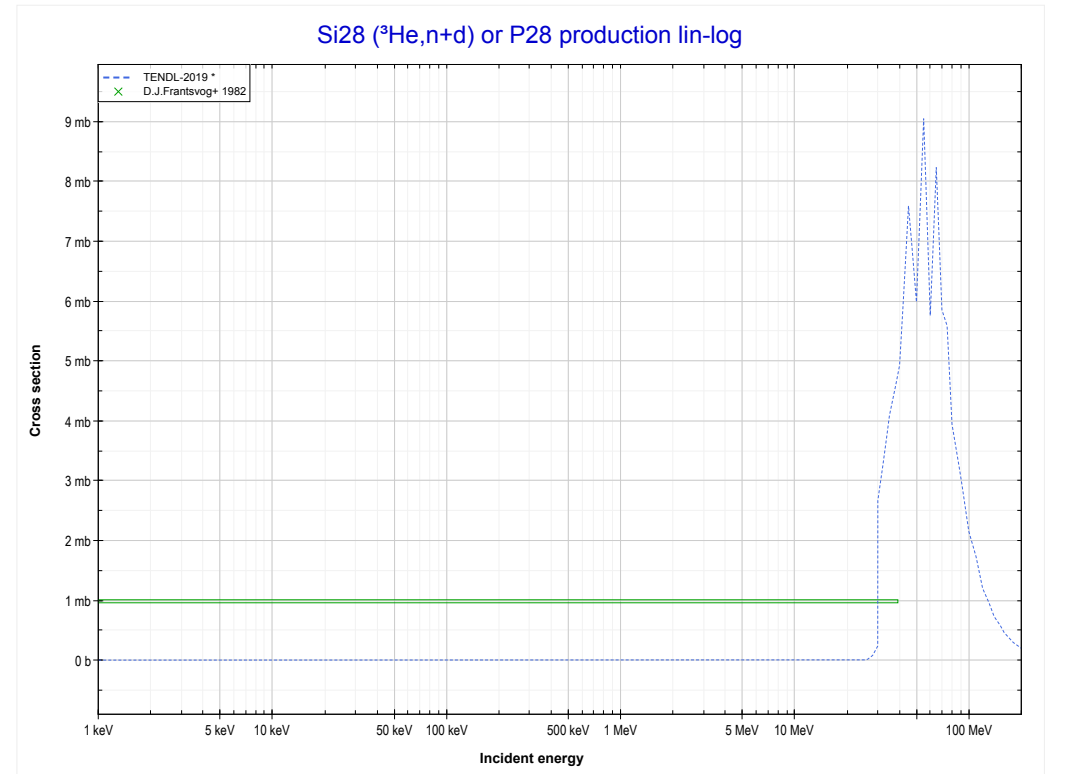
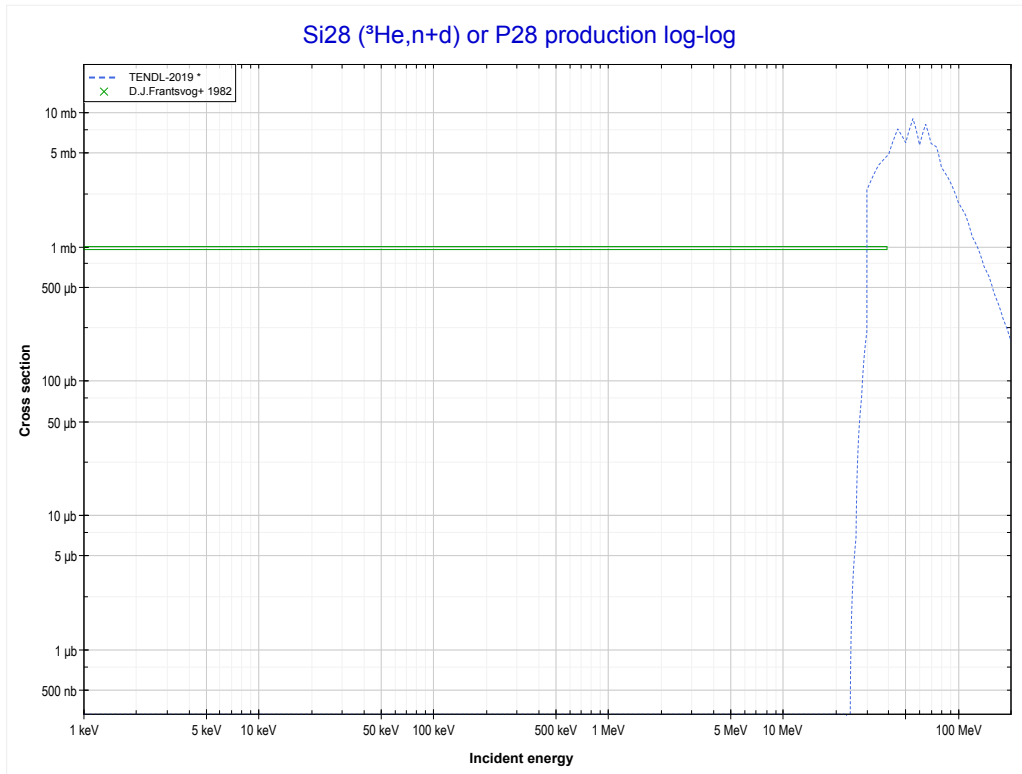
Reaction	Q-Value
Si28(He3,n+α)Si26	-9916.79 keV
Si28(He3,d+t)Si26	-27506.09 keV
Si28(He3,n+p+t)Si26	-29730.65 keV
Si28(He3,2n+He3)Si26	-30494.41 keV
Si28(He3,n+2d)Si26	-33763.32 keV
Si28(He3,2n+p+d)Si26	-35987.88 keV
Si28(He3,3n+2p)Si26	-38212.45 keV

<< 12-Mg-24	14-Si-28	26-Fe-56 >>
<< MT22 (³ He,n+α)	MT28 (³He,n+p) or MT5 (P29 production)	MT32 (³ He,n+d) >>



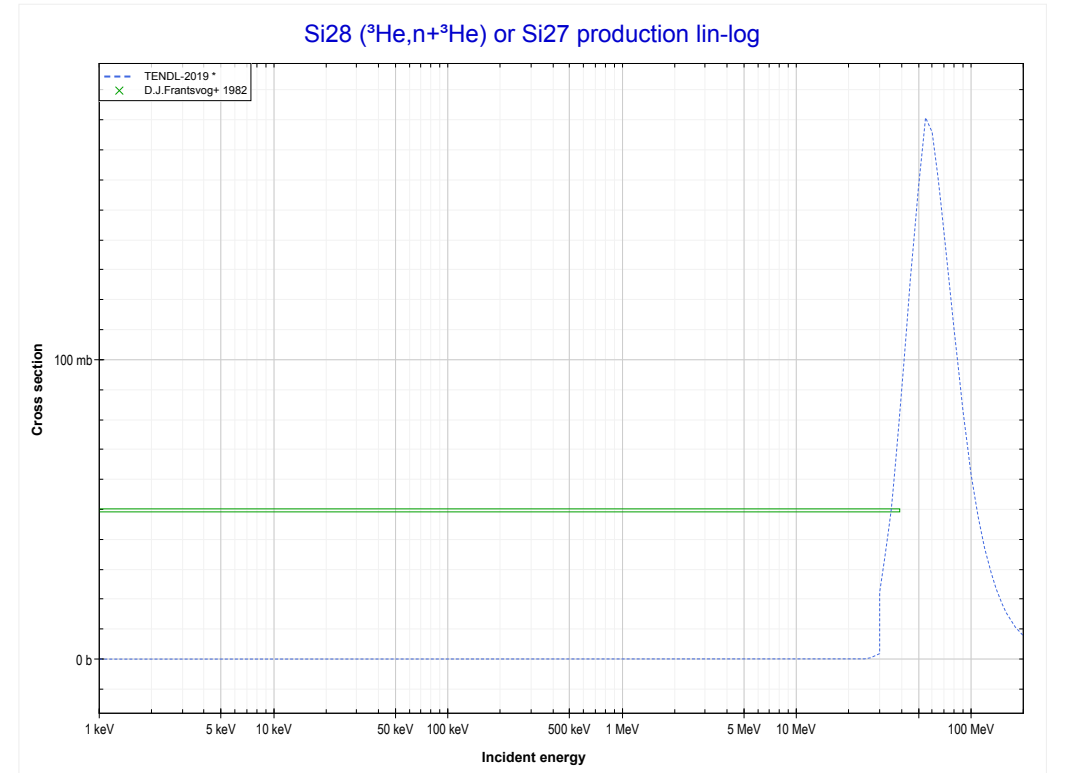
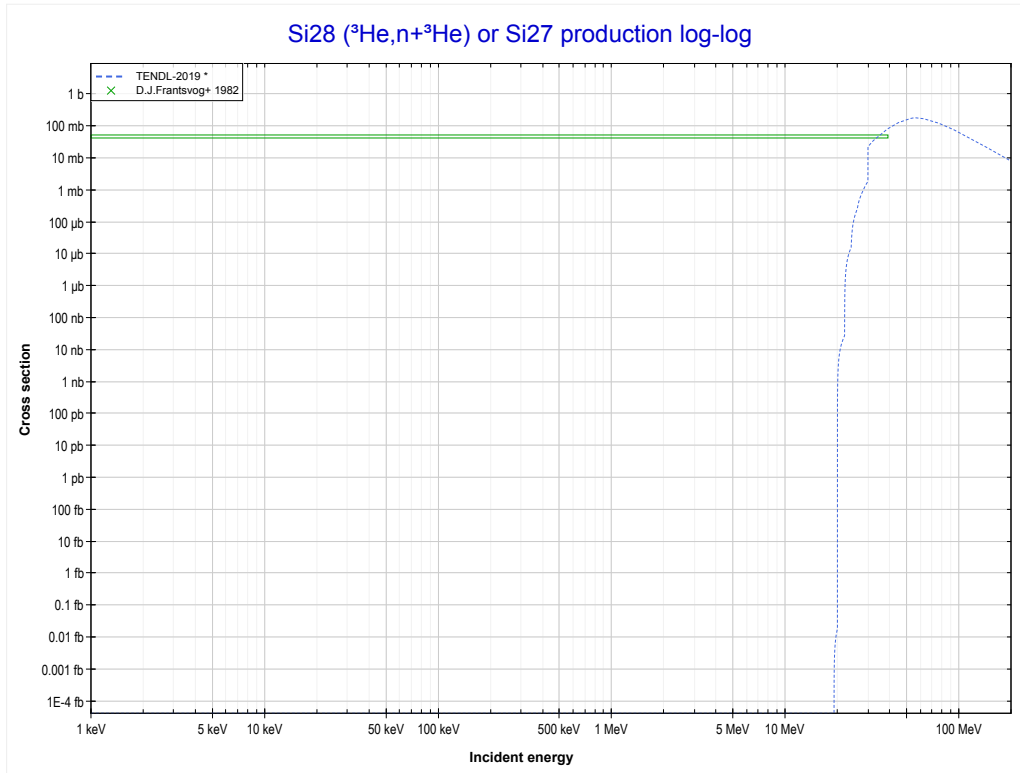
Reaction	Q-Value
Si28(He3,d)P29	-2744.50 keV
Si28(He3,n+p)P29	-4969.06 keV

<< 13-Al-27	14-Si-28	21-Sc-45 >>
<< MT28 (³ He,n+p)	MT32 (³He,n+d) or MT5 (P28 production)	MT34 (³ He,n+ ³ He) >>



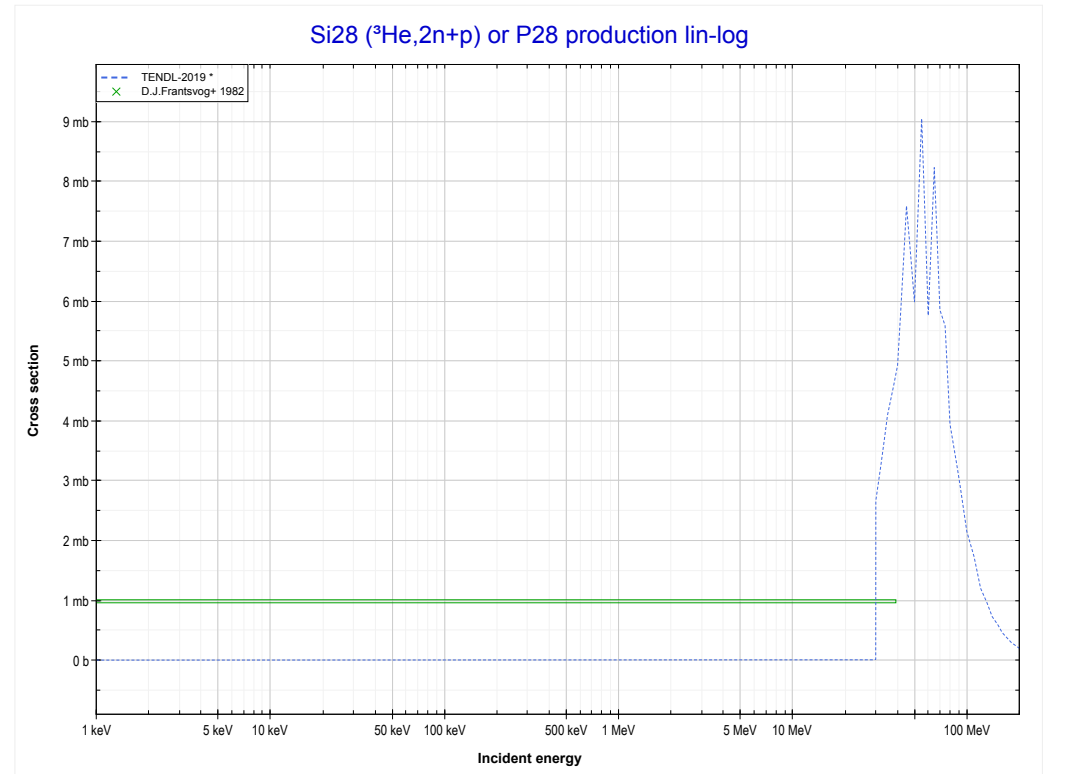
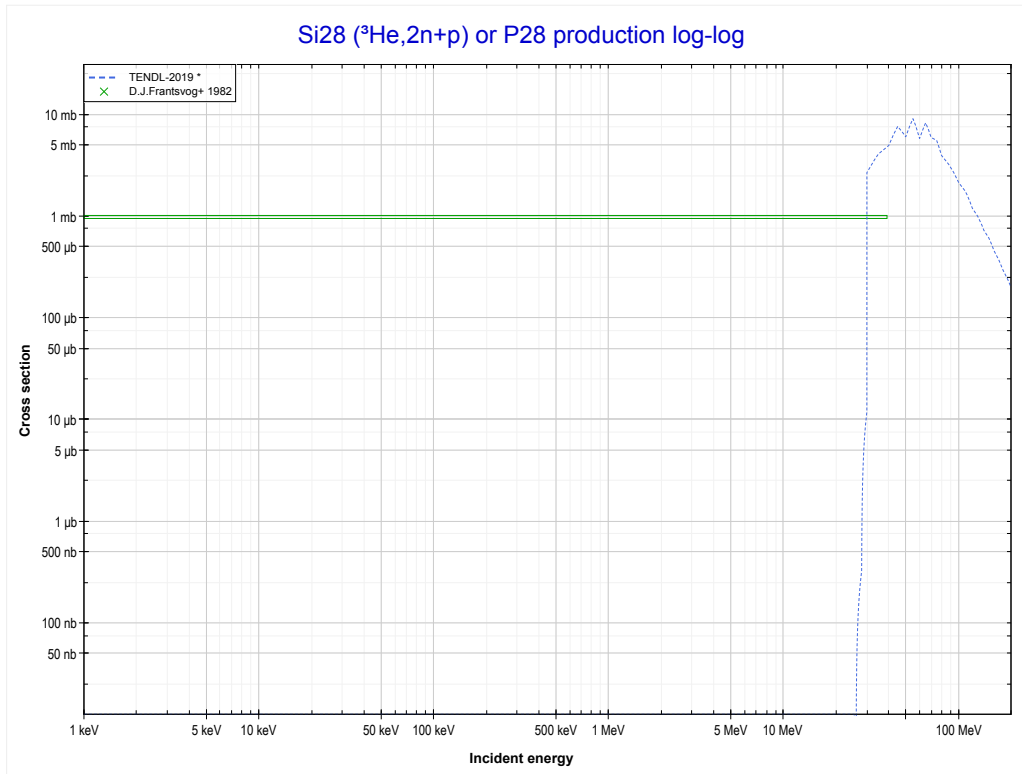
Reaction	Q-Value
Si28(He3,t)P28	-14363.69 keV
Si28(He3,n+d)P28	-20620.92 keV
Si28(He3,2n+p)P28	-22845.48 keV

<< 13-Al-27	14-Si-28	21-Sc-45 >>
<< MT32 (³ He,n+d)	MT34 (³He,n+³He) or MT5 (Si27 production)	MT41 (³ He,2n+p) >>



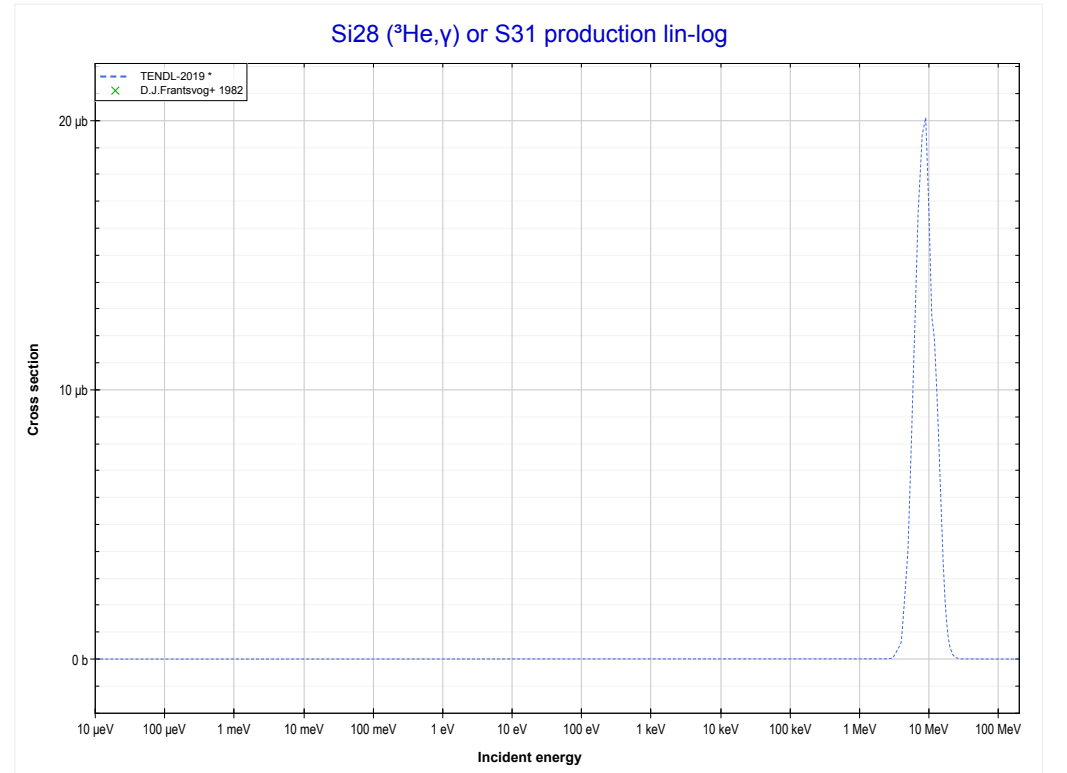
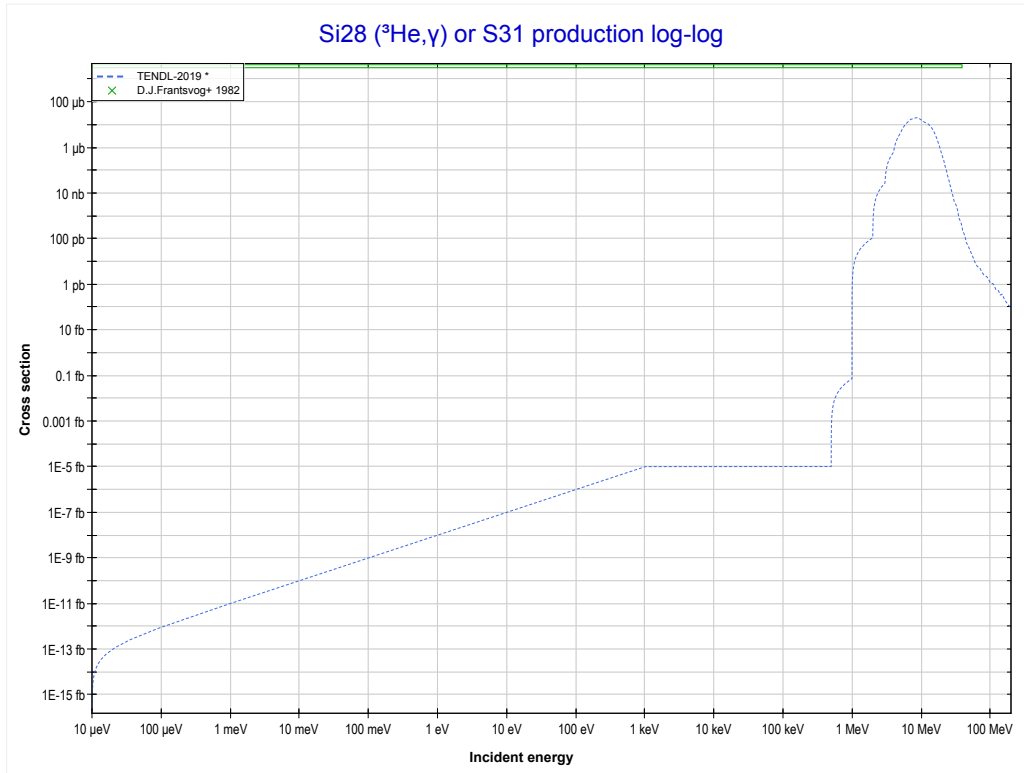
Reaction	Q-Value
Si28(He3,α)Si27	3398.01 keV
Si28(He3,p+t)Si27	-16415.86 keV
Si28(He3,n+He3)Si27	-17179.61 keV
Si28(He3,2d)Si27	-20448.52 keV
Si28(He3,n+p+d)Si27	-22673.09 keV
Si28(He3,2n+2p)Si27	-24897.65 keV

<< 13-Al-27	14-Si-28	21-Sc-45 >>
<< MT34 (³ He,n+ ³ He)	MT41 (³He,2n+p) or MT5 (P28 production)	MT102 (³ He,γ) >>



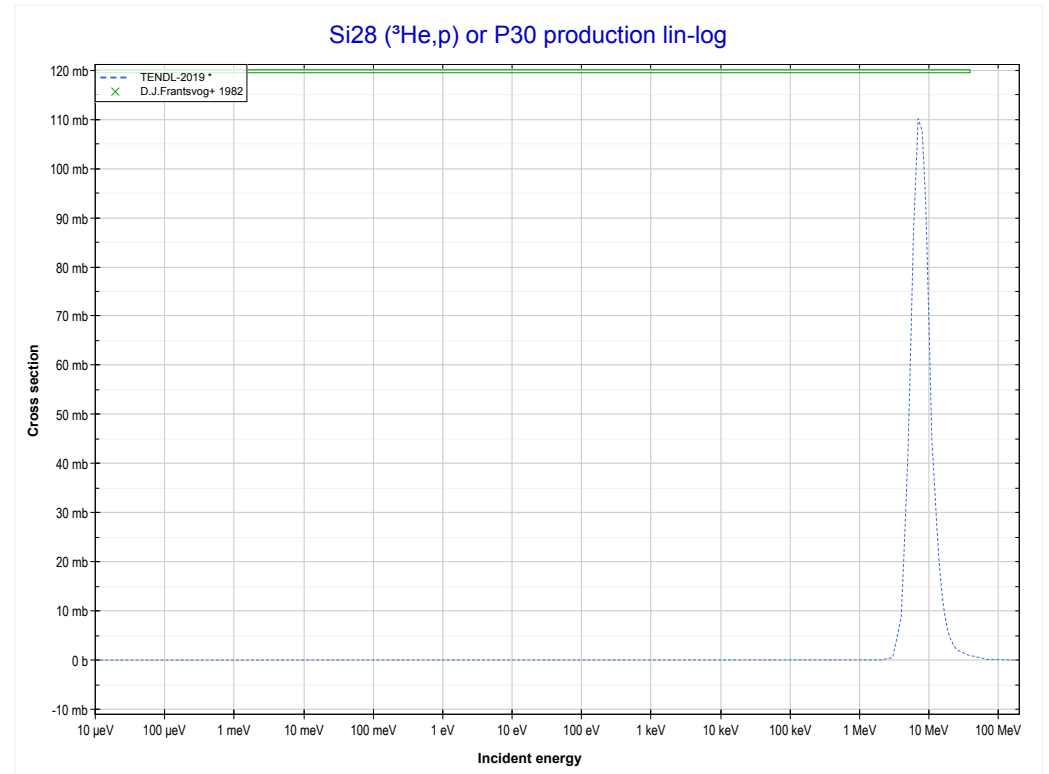
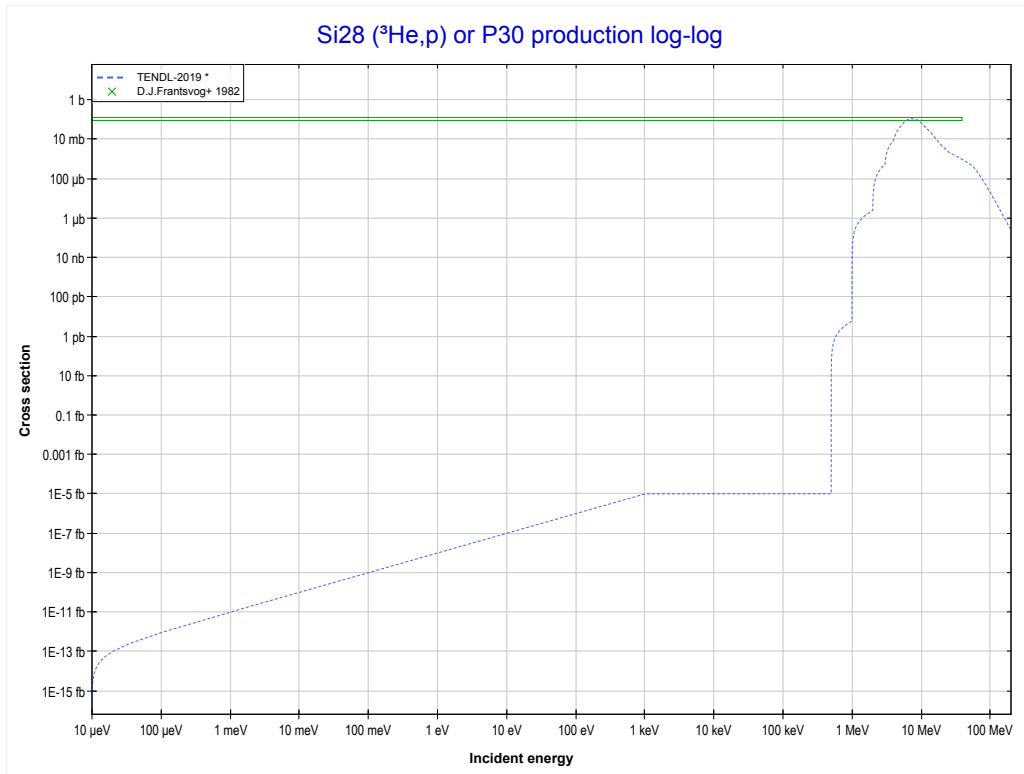
Reaction	Q-Value
Si28(He3,t)P28	-14363.69 keV
Si28(He3,n+d)P28	-20620.92 keV
Si28(He3,2n+p)P28	-22845.48 keV

<< 13-Al-27	14-Si-28	19-K-41 >>
<< MT41 (³ He,2n+p)	MT102 (³He,γ) or MT5 (S31 production)	MT103 (³ He,p) >>



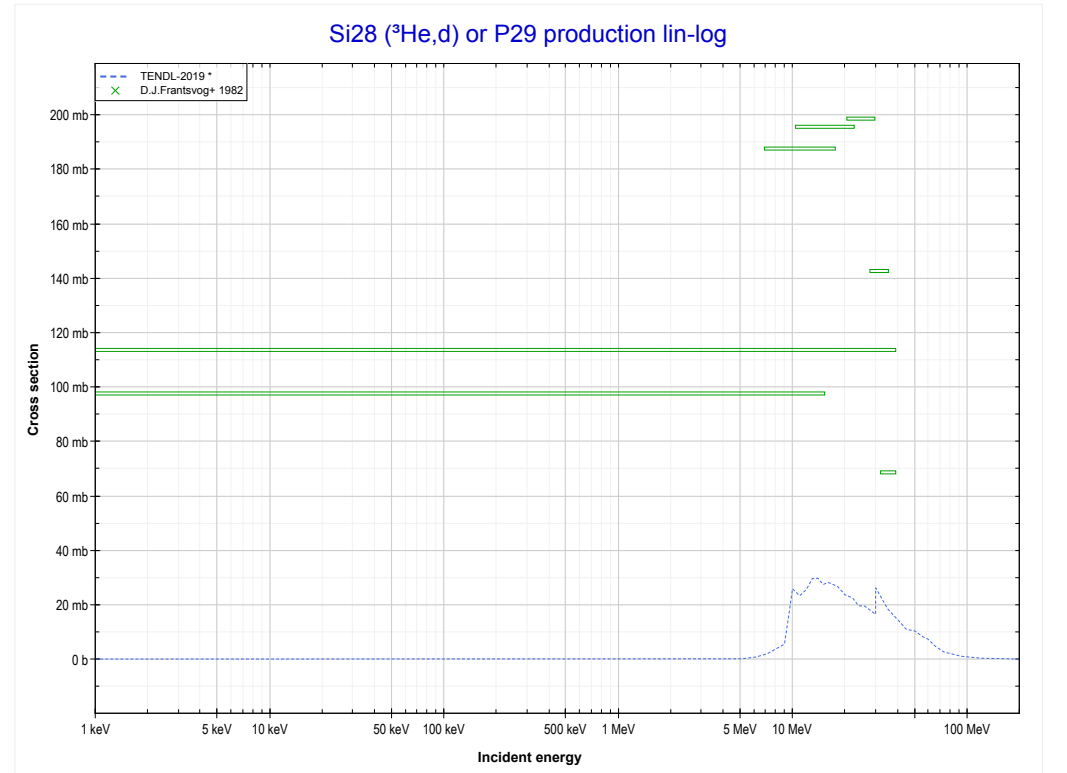
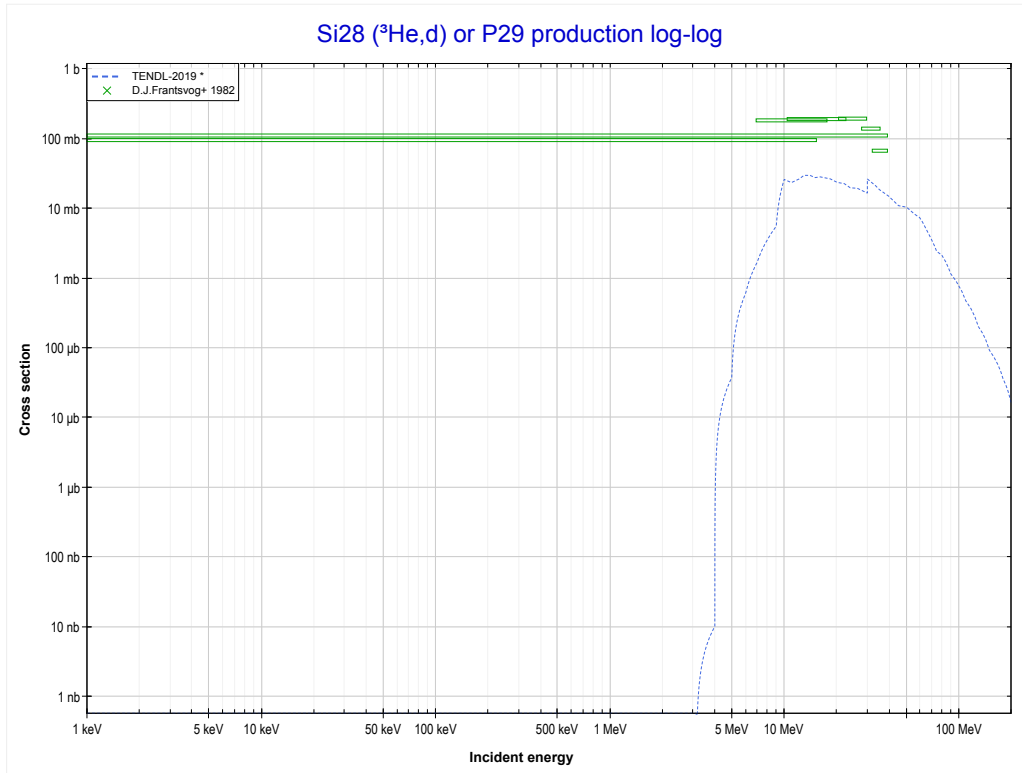
Reaction	Q-Value
Si28(He3,γ)S31	12480.94 keV

<< 12-Mg-26	14-Si-28	26-Fe-56 >>
<< MT102 (³ He,γ)	MT103 (³He,p) or MT5 (P30 production)	MT104 (³ He,d) >>



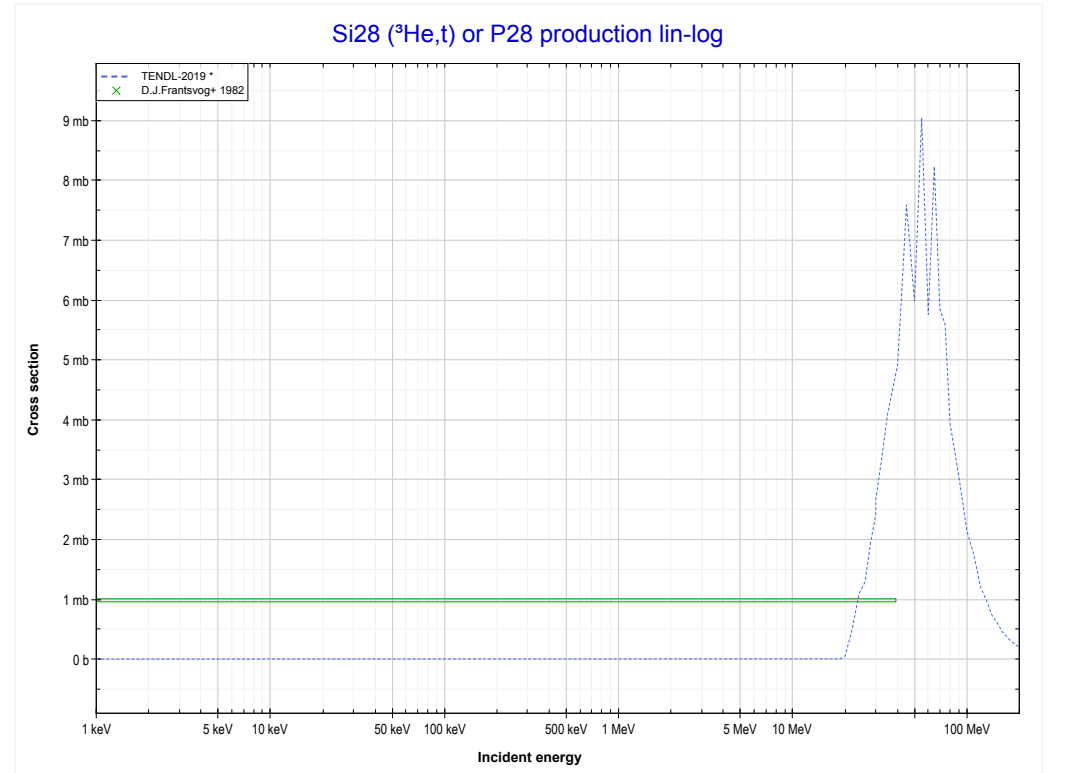
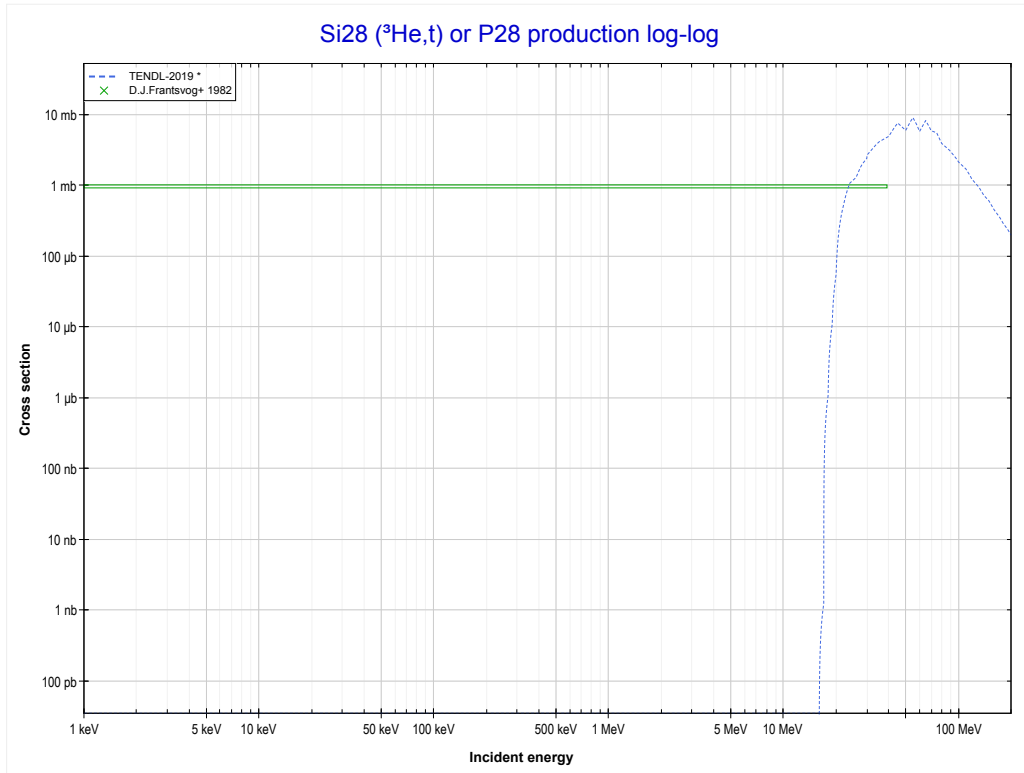
Reaction	Q-Value
Si28(He3,p)P30	6350.30 keV

<< 12-Mg-24	14-Si-28	26-Fe-56 >>
<< MT103 (³ He,p)	MT104 (³He,d) or MT5 (P29 production)	MT105 (³ He,t) >>



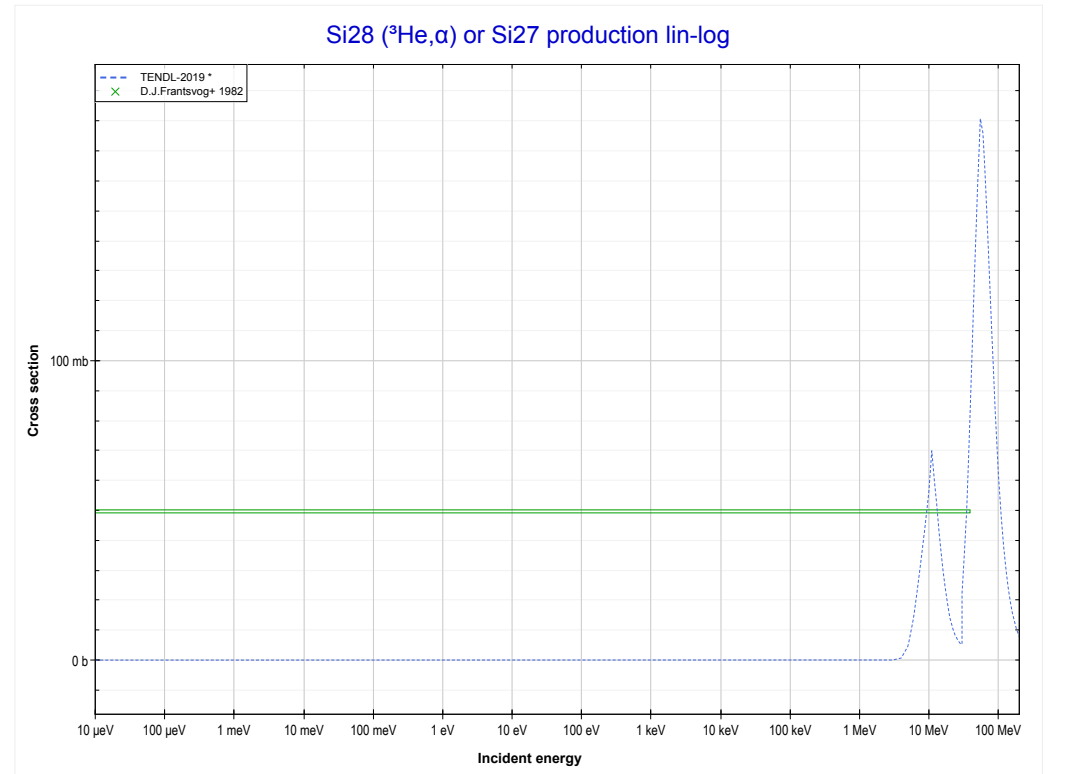
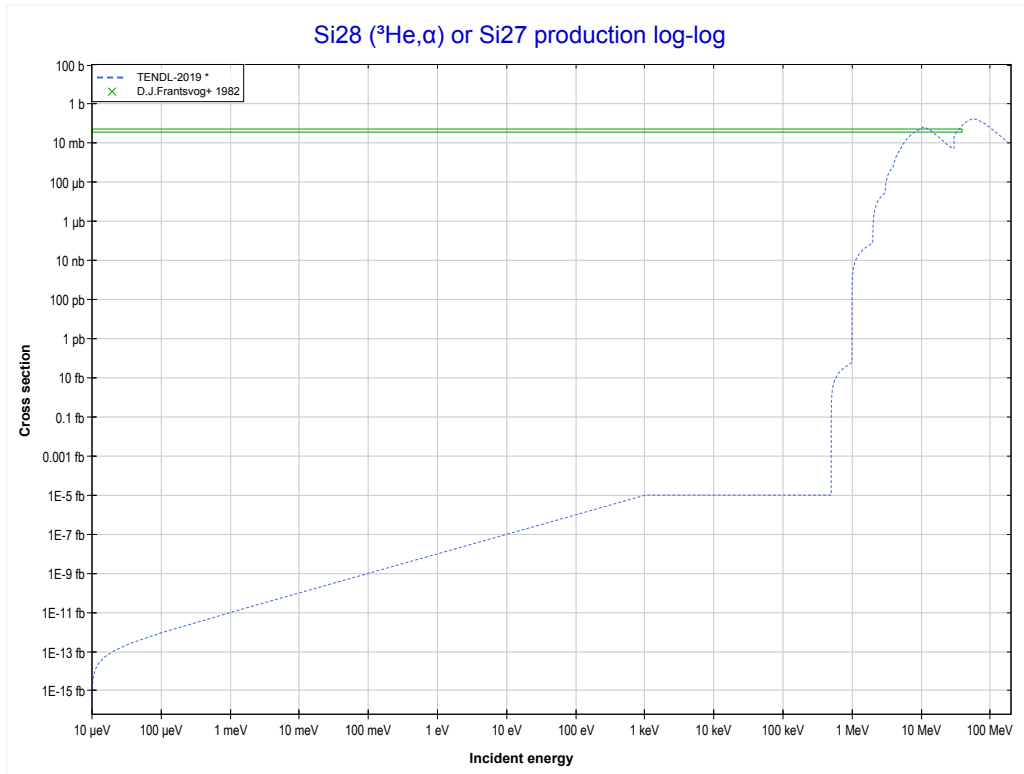
Reaction	Q-Value
Si28(He3,d)P29	-2744.50 keV
Si28(He3,n+p)P29	-4969.06 keV

<< 13-Al-27	14-Si-28	21-Sc-45 >>
<< MT104 (³ He,d)	MT105 (³He,t) or MT5 (P28 production)	MT107 (³ He,α) >>



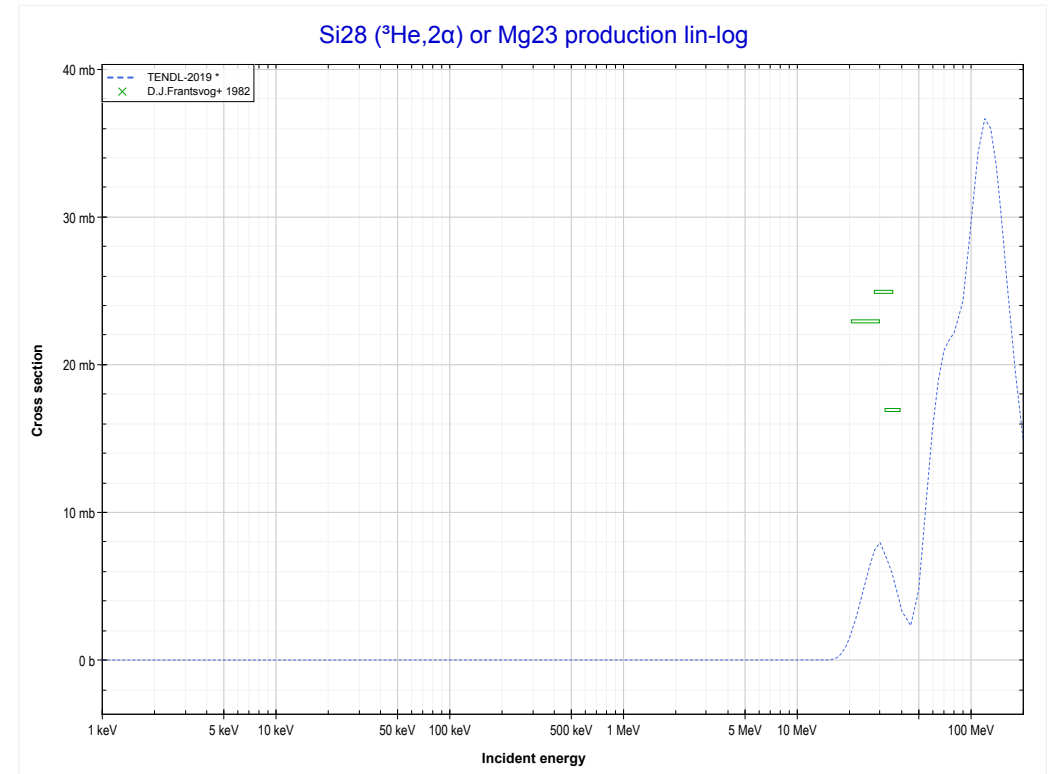
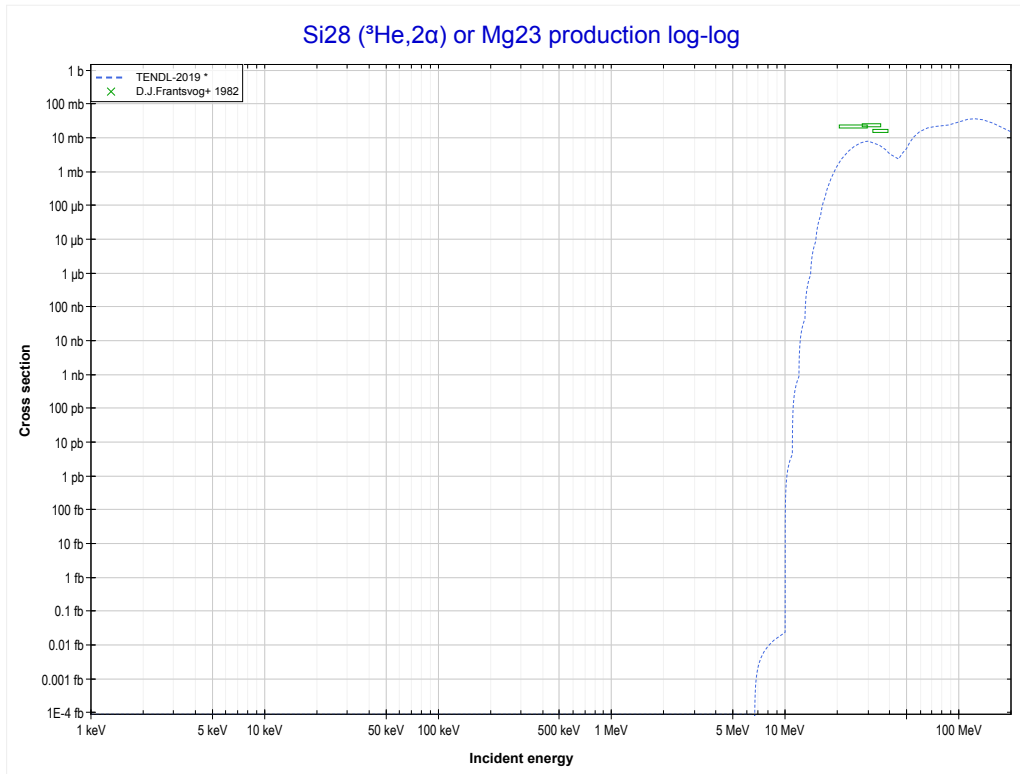
Reaction	Q-Value
Si28(He3,t)P28	-14363.69 keV
Si28(He3,n+d)P28	-20620.92 keV
Si28(He3,2n+p)P28	-22845.48 keV

<< 13-Al-27	14-Si-28	17-Cl-35 >>
<< MT105 (³ He,t)	MT107 (³He,α) or MT5 (Si27 production)	MT108 (³ He,2α) >>



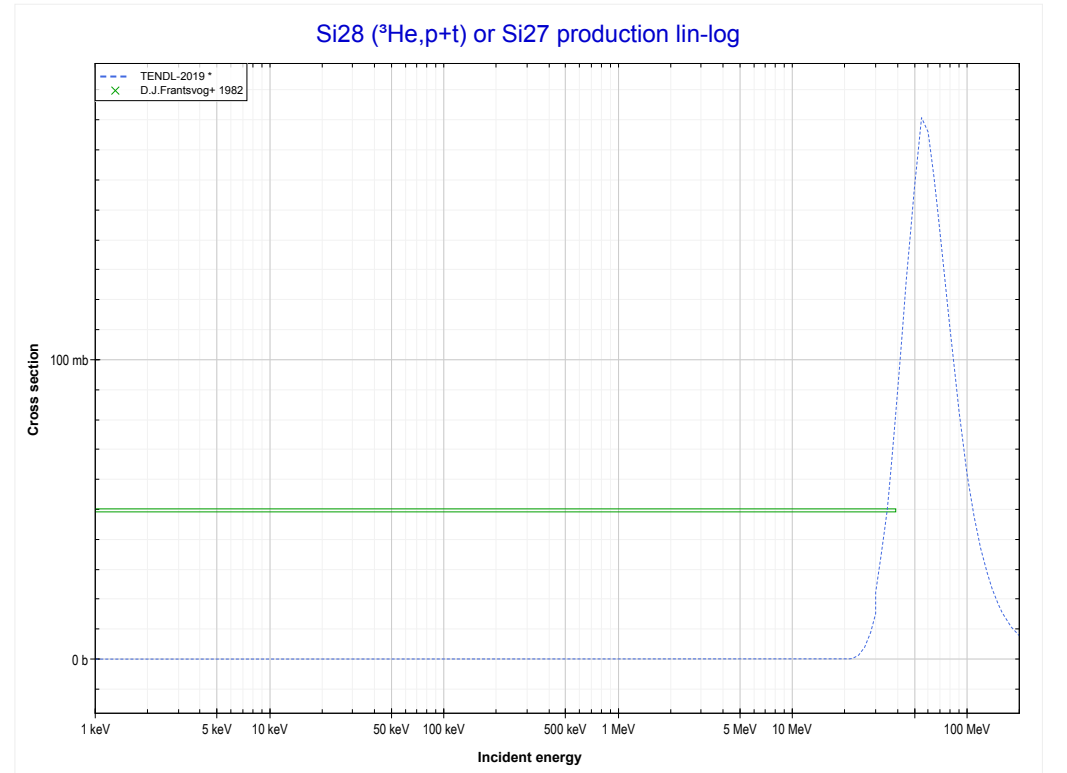
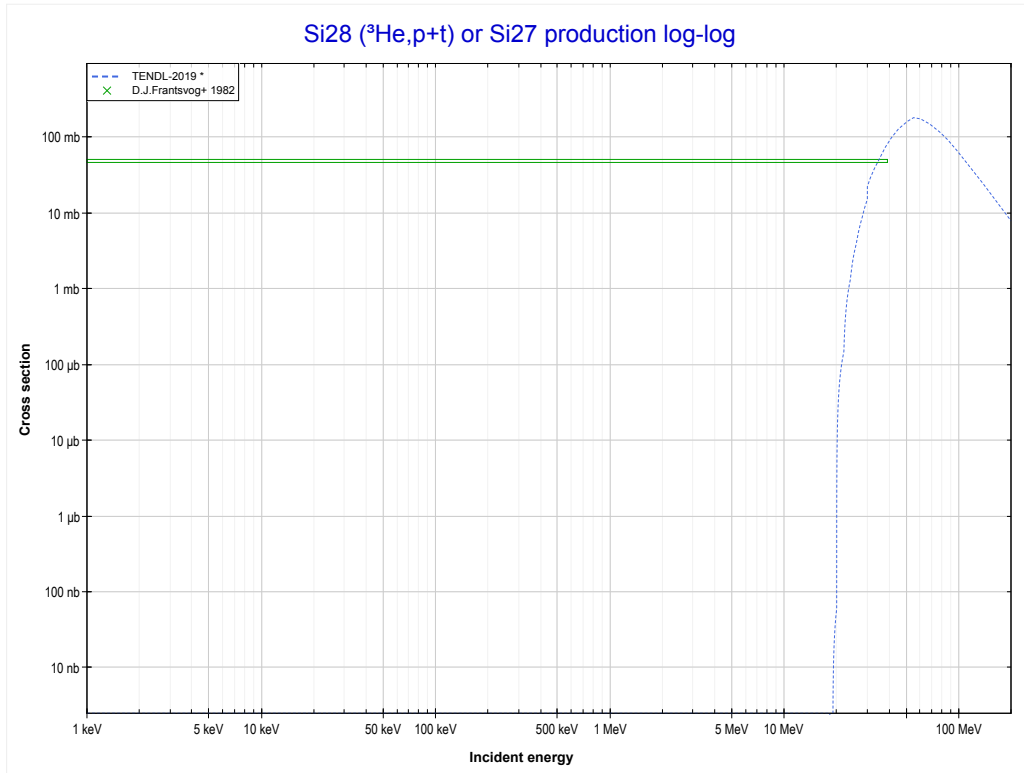
Reaction	Q-Value
Si28(He3,α)Si27	3398.01 keV
Si28(He3,p+t)Si27	-16415.86 keV
Si28(He3,n+He3)Si27	-17179.61 keV
Si28(He3,2d)Si27	-20448.52 keV
Si28(He3,n+p+d)Si27	-22673.09 keV
Si28(He3,2n+2p)Si27	-24897.65 keV

<< 13-Al-27	14-Si-28	19-K-39 >>
<< MT107 (³ He,α)	MT108 (³He,2α) or MT5 (Mg23 production)	MT116 (³ He,p+t) >>



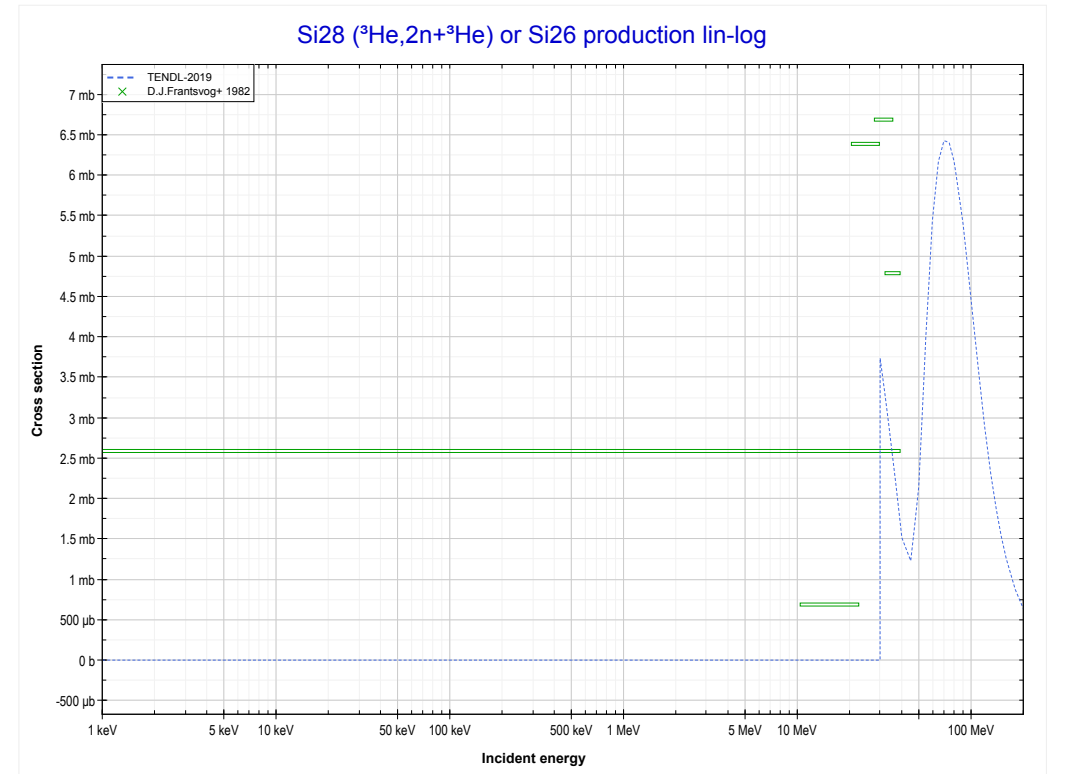
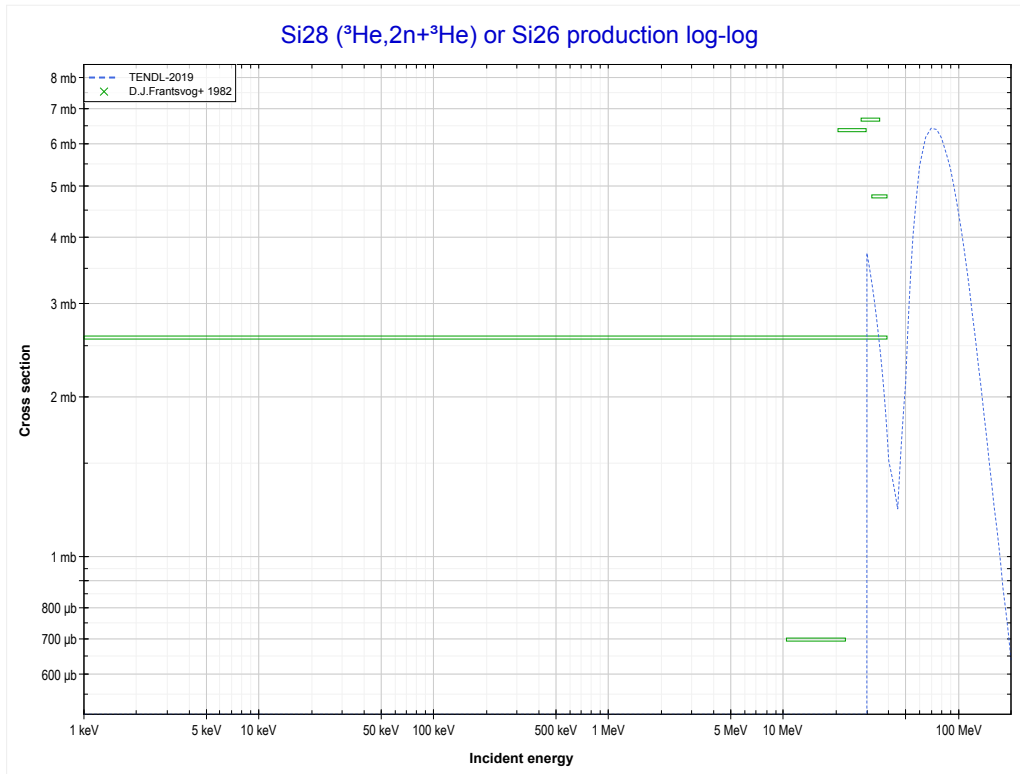
Reaction	Q-Value	Reaction	Q-Value
Si28(He3,2α)Mg23	-5937.90 keV	Si28(He3,n+p+t+He3)Mg23	-46329.38 keV
Si28(He3,p+t+α)Mg23	-25751.76 keV	Si28(He3,2n+2He3)Mg23	-47093.14 keV
Si28(He3,n+He3+α)Mg23	-26515.52 keV	Si28(He3,p+2d+t)Mg23	-49598.29 keV
Si28(He3,2d+α)Mg23	-29784.43 keV	Si28(He3,n+2d+He3)Mg23	-50362.04 keV
Si28(He3,n+p+d+α)Mg23	-32008.99 keV	Si28(He3,n+2p+d+t)Mg23	-51822.86 keV
Si28(He3,2n+2p+α)Mg23	-34233.56 keV	Si28(He3,2n+p+d+He3)Mg23	-52586.61 keV
Si28(He3,d+t+He3)Mg23	-44104.82 keV	Si28(He3,4d)Mg23	-53630.95 keV
Si28(He3,2p+2t)Mg23	-45565.63 keV	Si28(He3,2n+3p+t)Mg23	-54047.42 keV

<< 13-Al-27	14-Si-28	21-Sc-45 >>
<< MT108 ($^3\text{He},2\alpha$)	MT116 ($^3\text{He},p+t$) or MT5 (Si27 production)	MT176 ($^3\text{He},2n+^3\text{He}$) >>



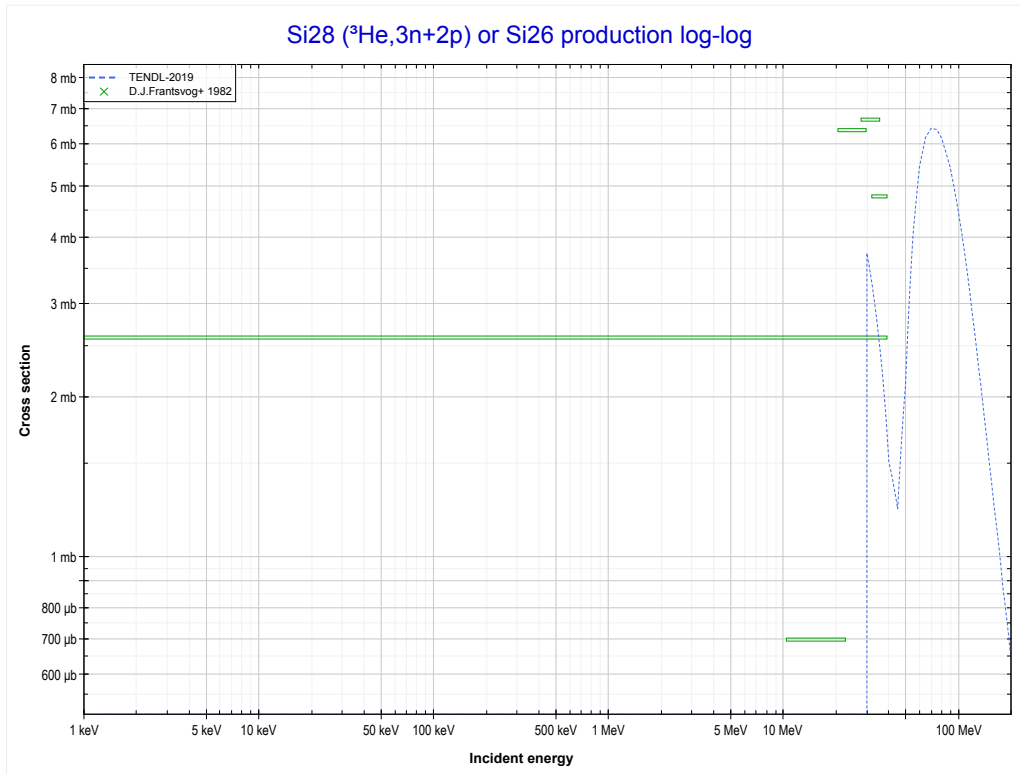
Reaction	Q-Value
Si28(He3, α)Si27	3398.01 keV
Si28(He3,p+t)Si27	-16415.86 keV
Si28(He3,n+He3)Si27	-17179.61 keV
Si28(He3,2d)Si27	-20448.52 keV
Si28(He3,n+p+d)Si27	-22673.09 keV
Si28(He3,2n+2p)Si27	-24897.65 keV

<< 13-Al-27	14-Si-28	21-Sc-45 >>
<< MT116 (³ He,p+t)	MT176 (³He,2n+³He) or MT5 (Si26 production)	MT179 (³ He,3n+2p) >>



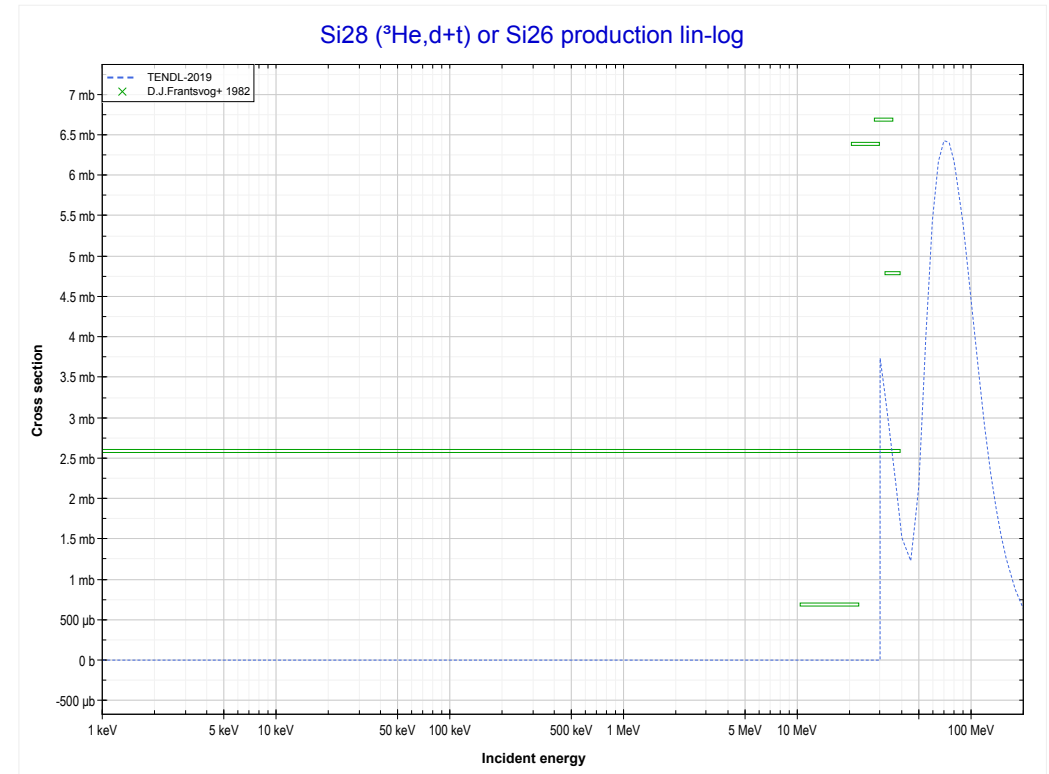
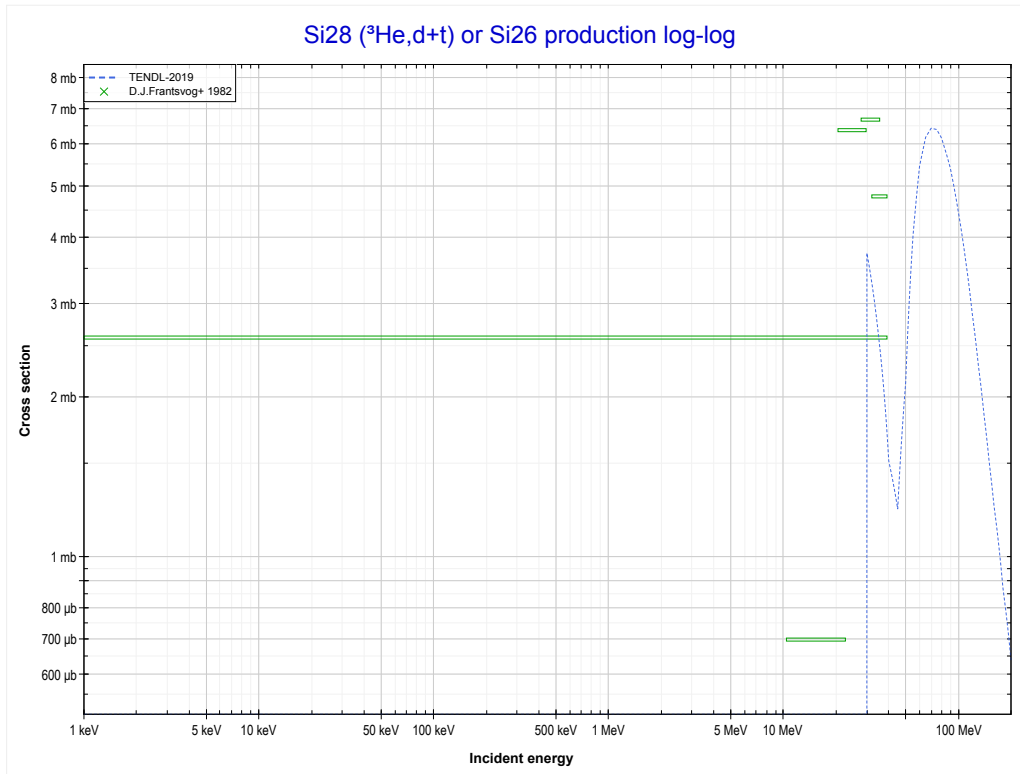
Reaction	Q-Value
Si28(He3,n+α)Si26	-9916.79 keV
Si28(He3,d+t)Si26	-27506.09 keV
Si28(He3,n+p+t)Si26	-29730.65 keV
Si28(He3,2n+He3)Si26	-30494.41 keV
Si28(He3,n+2d)Si26	-33763.32 keV
Si28(He3,2n+p+d)Si26	-35987.88 keV
Si28(He3,3n+2p)Si26	-38212.45 keV

<< 13-Al-27	14-Si-28	21-Sc-45 >>
<< MT176 ($^3\text{He}, 2n + ^3\text{He}$)	MT179 ($^3\text{He}, 3n + 2p$) or MT5 (Si26 production)	MT182 ($^3\text{He}, d + t$) >>



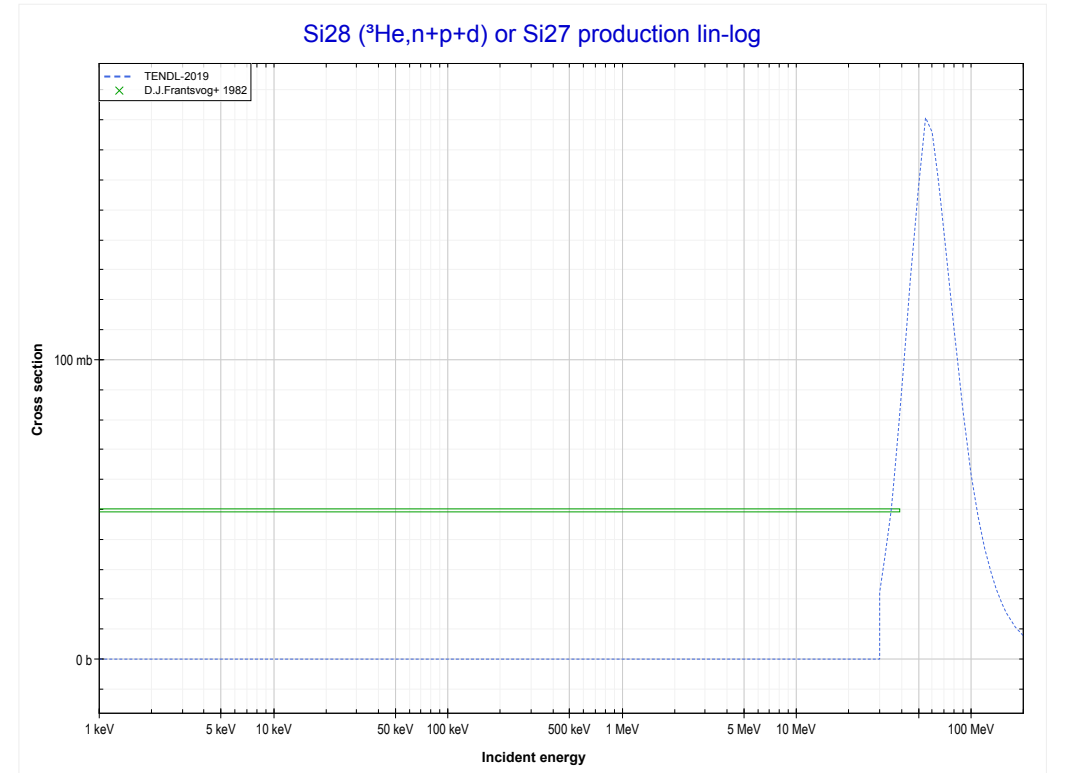
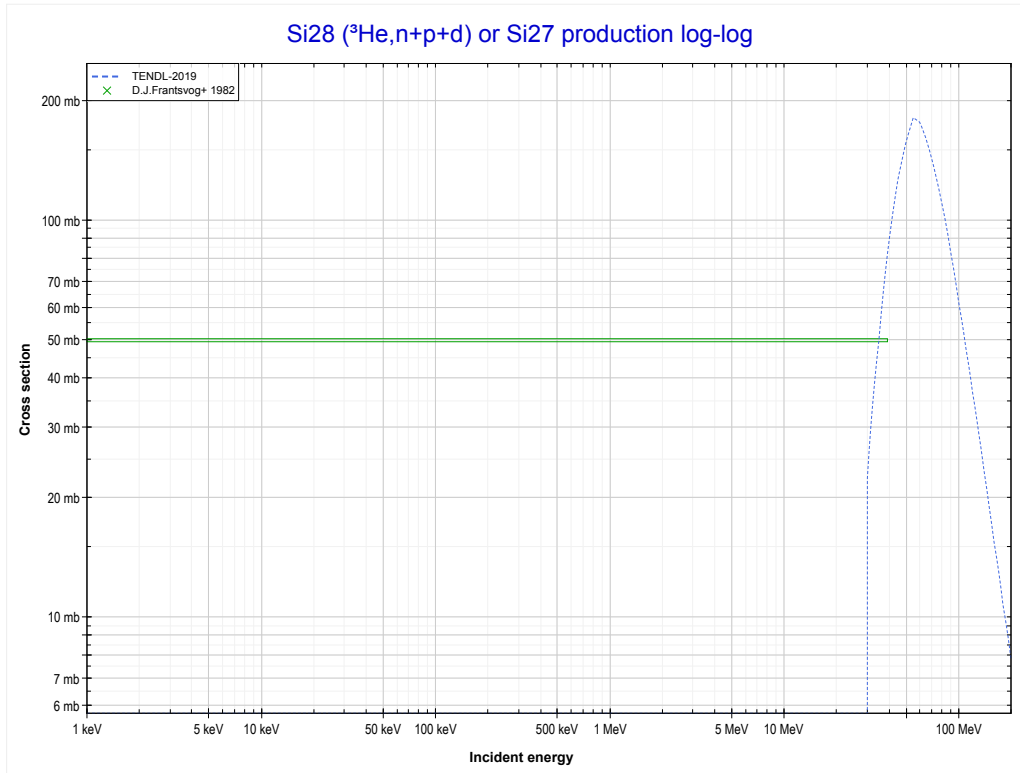
Reaction	Q-Value
Si28(He3,n+α)Si26	-9916.79 keV
Si28(He3,d+t)Si26	-27506.09 keV
Si28(He3,n+p+t)Si26	-29730.65 keV
Si28(He3,2n+He3)Si26	-30494.41 keV
Si28(He3,n+2d)Si26	-33763.32 keV
Si28(He3,2n+p+d)Si26	-35987.88 keV
Si28(He3,3n+2p)Si26	-38212.45 keV

<< 13-Al-27	14-Si-28	21-Sc-45 >>
<< MT179 (³ He,3n+2p)	MT182 (³He,d+t) or MT5 (Si26 production)	MT183 (³ He,n+p+d) >>



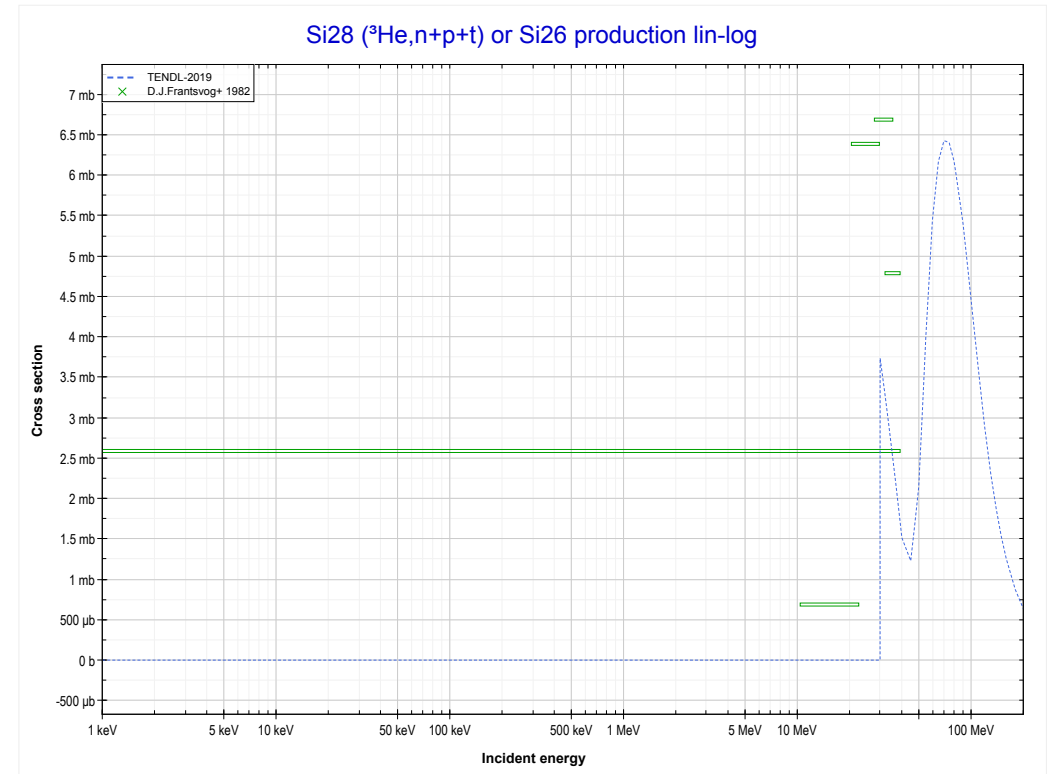
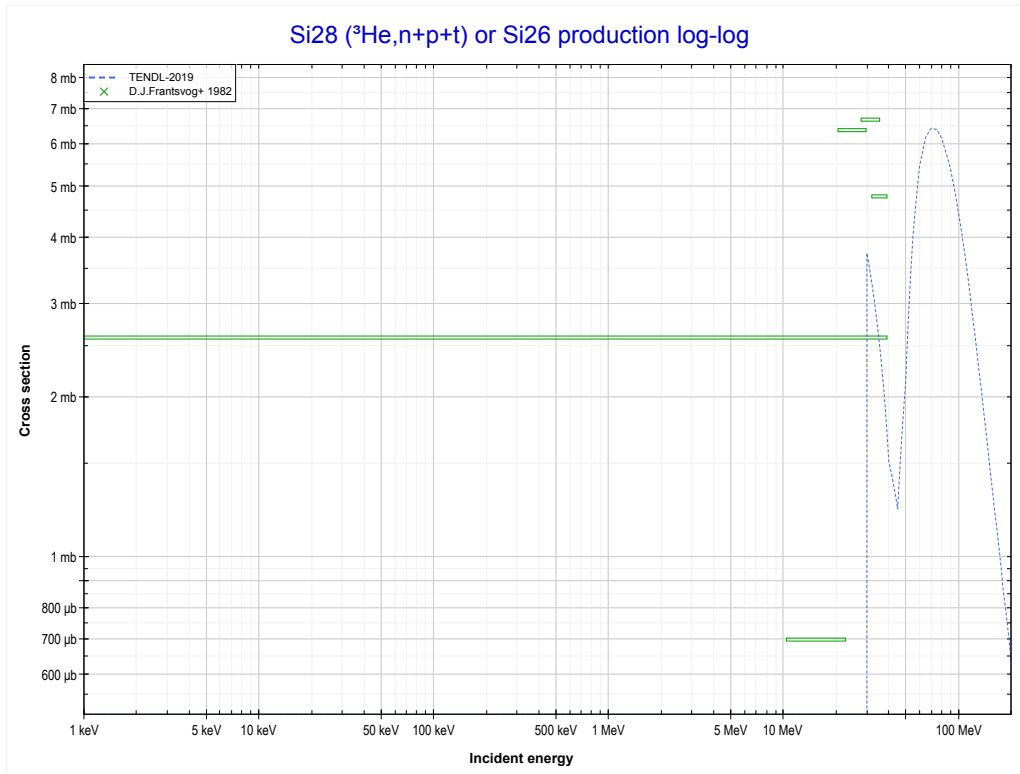
Reaction	Q-Value
Si28(He3,n+α)Si26	-9916.79 keV
Si28(He3,d+t)Si26	-27506.09 keV
Si28(He3,n+p+t)Si26	-29730.65 keV
Si28(He3,2n+He3)Si26	-30494.41 keV
Si28(He3,n+2d)Si26	-33763.32 keV
Si28(He3,2n+p+d)Si26	-35987.88 keV
Si28(He3,3n+2p)Si26	-38212.45 keV

<< 13-Al-27	14-Si-28	21-Sc-45 >>
<< MT182 (³ He,d+t)	MT183 (³He,n+p+d) or MT5 (Si27 production)	MT184 (³ He,n+p+t) >>



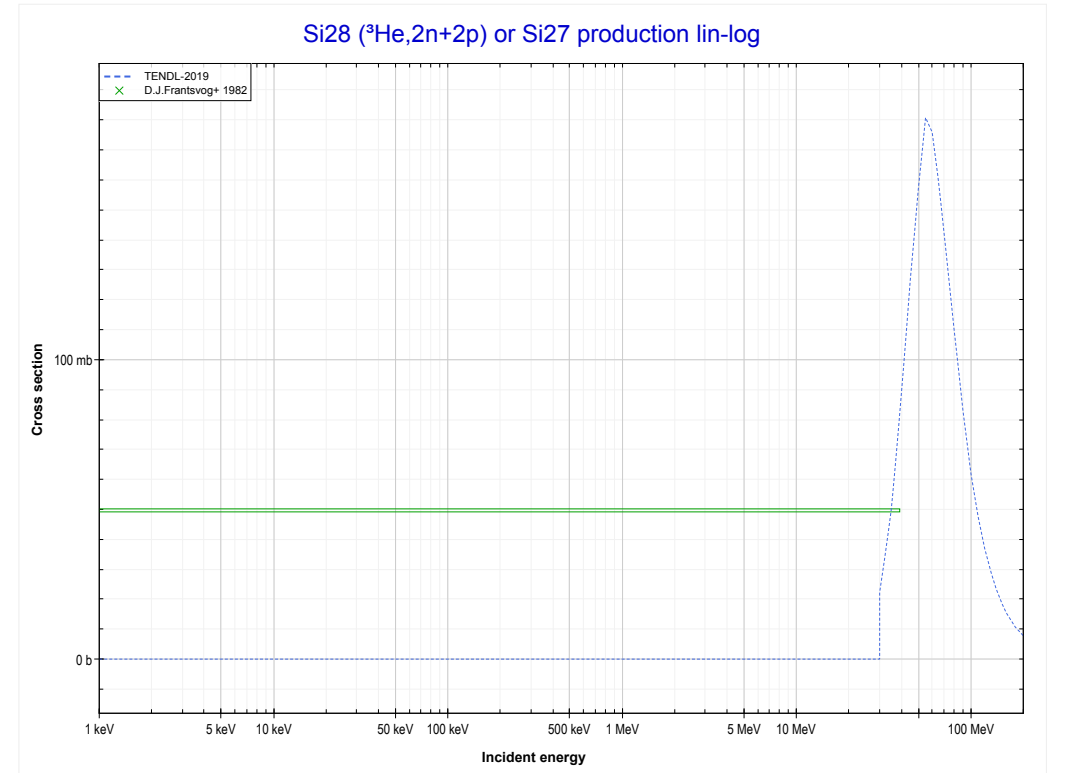
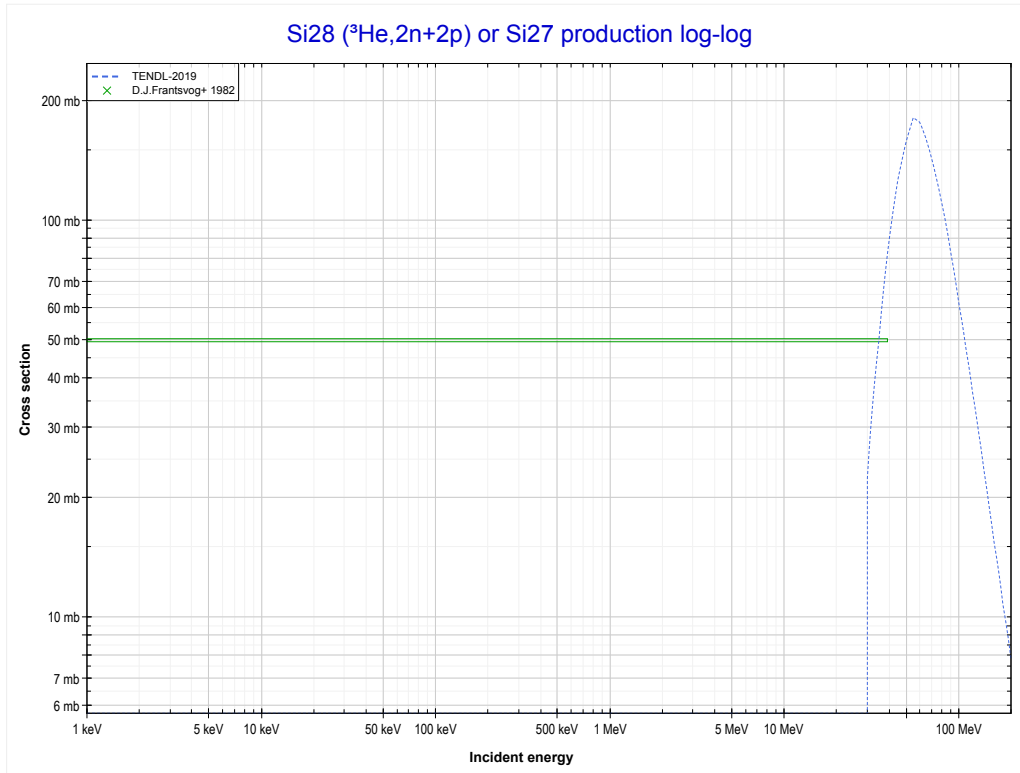
Reaction	Q-Value
Si28(He3,α)Si27	3398.01 keV
Si28(He3,p+t)Si27	-16415.86 keV
Si28(He3,n+He3)Si27	-17179.61 keV
Si28(He3,2d)Si27	-20448.52 keV
Si28(He3,n+p+d)Si27	-22673.09 keV
Si28(He3,2n+2p)Si27	-24897.65 keV

<< 13-Al-27	14-Si-28	21-Sc-45 >>
<< MT183 (³ He,n+p+d)	MT184 (³He,n+p+t) or MT5 (Si26 production)	MT190 (³ He,2n+2p) >>



Reaction	Q-Value
Si28(He3,n+α)Si26	-9916.79 keV
Si28(He3,d+t)Si26	-27506.09 keV
Si28(He3,n+p+t)Si26	-29730.65 keV
Si28(He3,2n+He3)Si26	-30494.41 keV
Si28(He3,n+2d)Si26	-33763.32 keV
Si28(He3,2n+p+d)Si26	-35987.88 keV
Si28(He3,3n+2p)Si26	-38212.45 keV

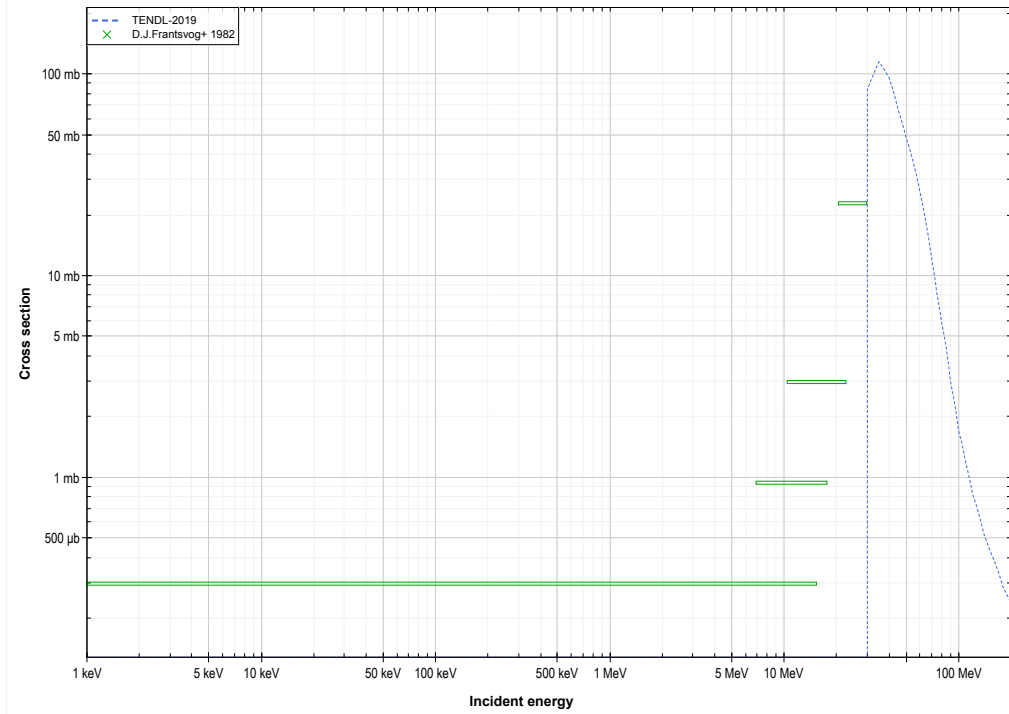
<< 13-Al-27	14-Si-28	21-Sc-45 >>
<< MT184 (³ He,n+p+t)	MT190 (³He,2n+2p) or MT5 (Si27 production)	MT197 (³ He,3p) >>



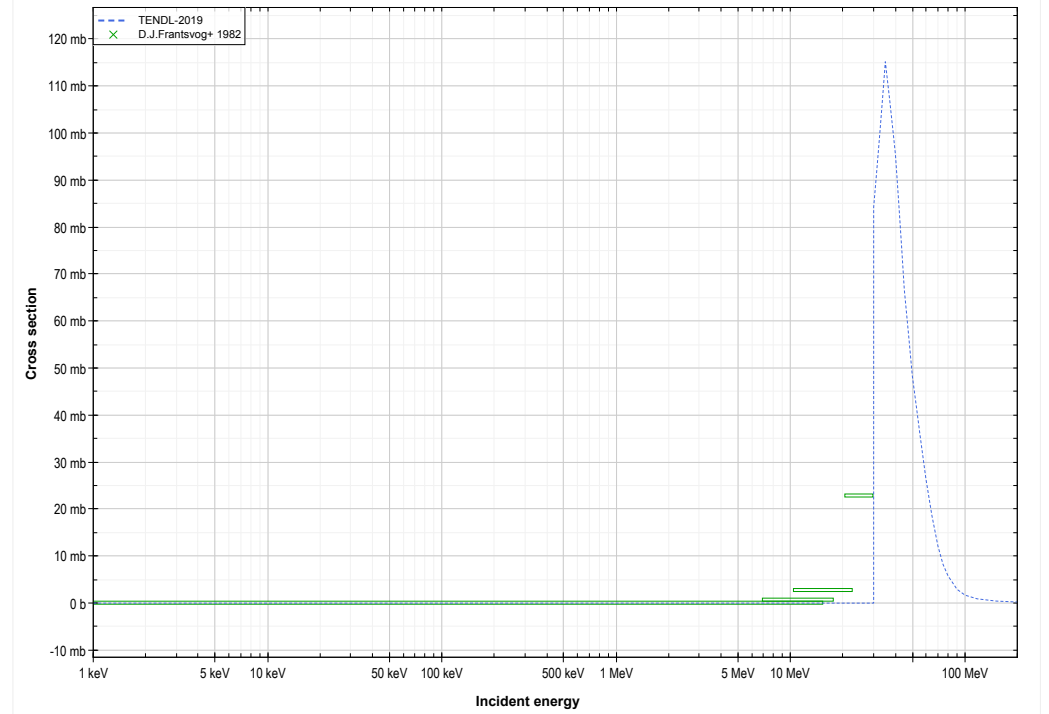
Reaction	Q-Value
Si28(He3,α)Si27	3398.01 keV
Si28(He3,p+t)Si27	-16415.86 keV
Si28(He3,n+He3)Si27	-17179.61 keV
Si28(He3,2d)Si27	-20448.52 keV
Si28(He3,n+p+d)Si27	-22673.09 keV
Si28(He3,2n+2p)Si27	-24897.65 keV

<< 13-Al-27	14-Si-28	27-Co-59 >>
<< MT190 (³ He,2n+2p)	MT197 (³He,3p) or MT5 (Al28 production)	17-Cl-35 MT107 (³ He,α) >>

Si28 (³He,3p) or Al28 production log-log

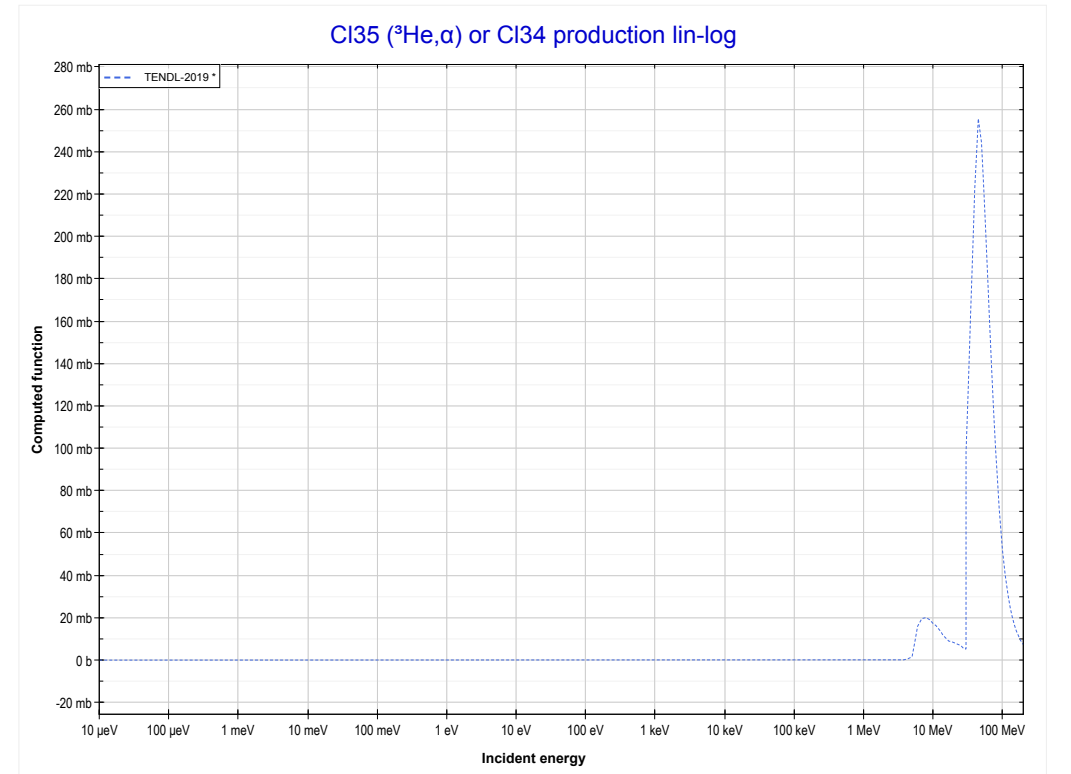
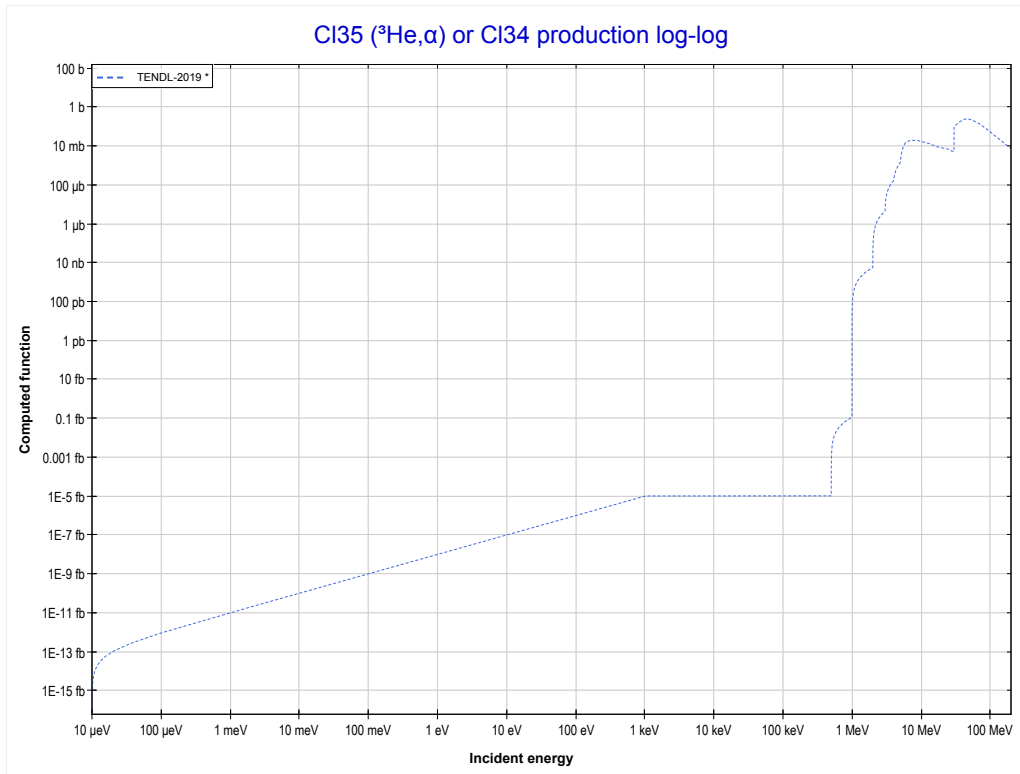


Si28 (³He,3p) or Al28 production lin-log



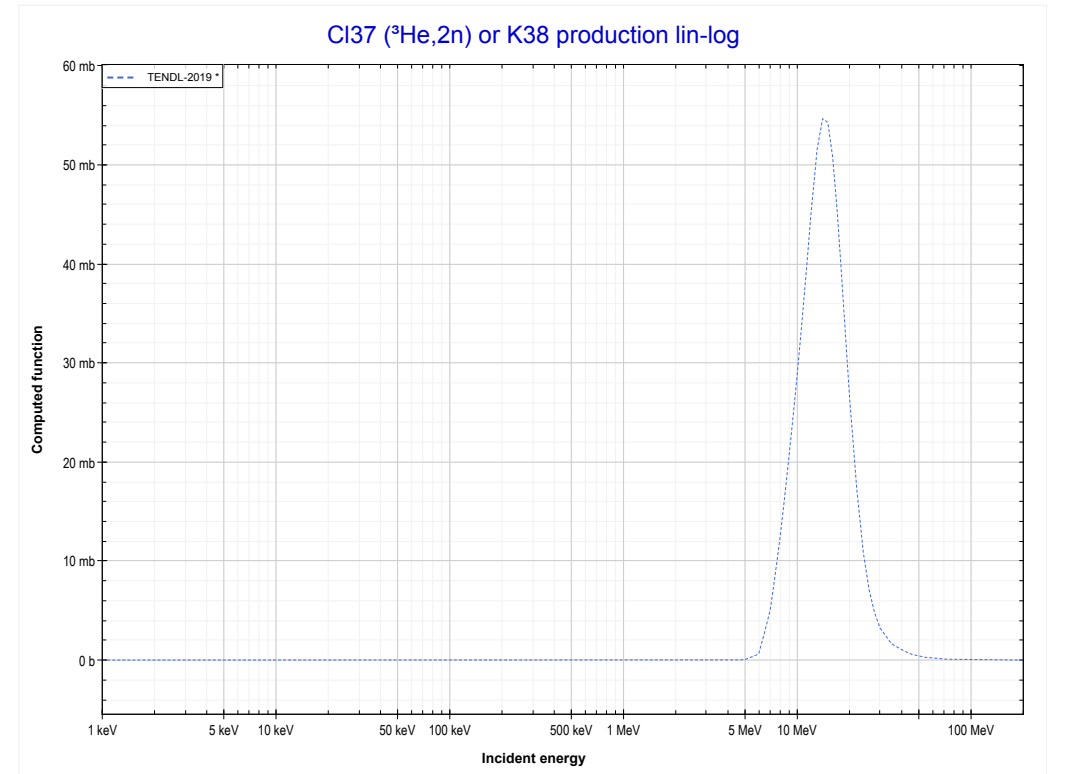
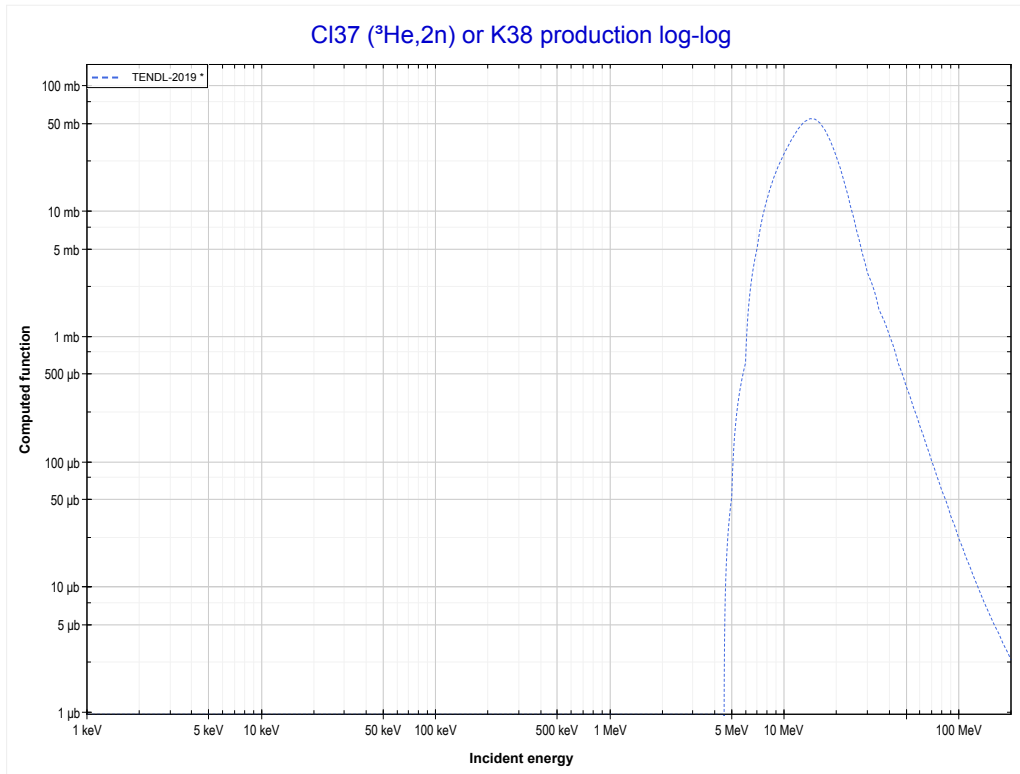
Reaction	Q-Value
Si28(He3,3p)Al28	-11577.85 keV

<< 14-Si-28	17-Cl-35	19-K-39 >>
<< 14-Si-28 MT197 (³ He,3p)	MT107 (³He,α) or MT5 (Cl34 production)	17-Cl-37 MT16 (³ He,2n) >>



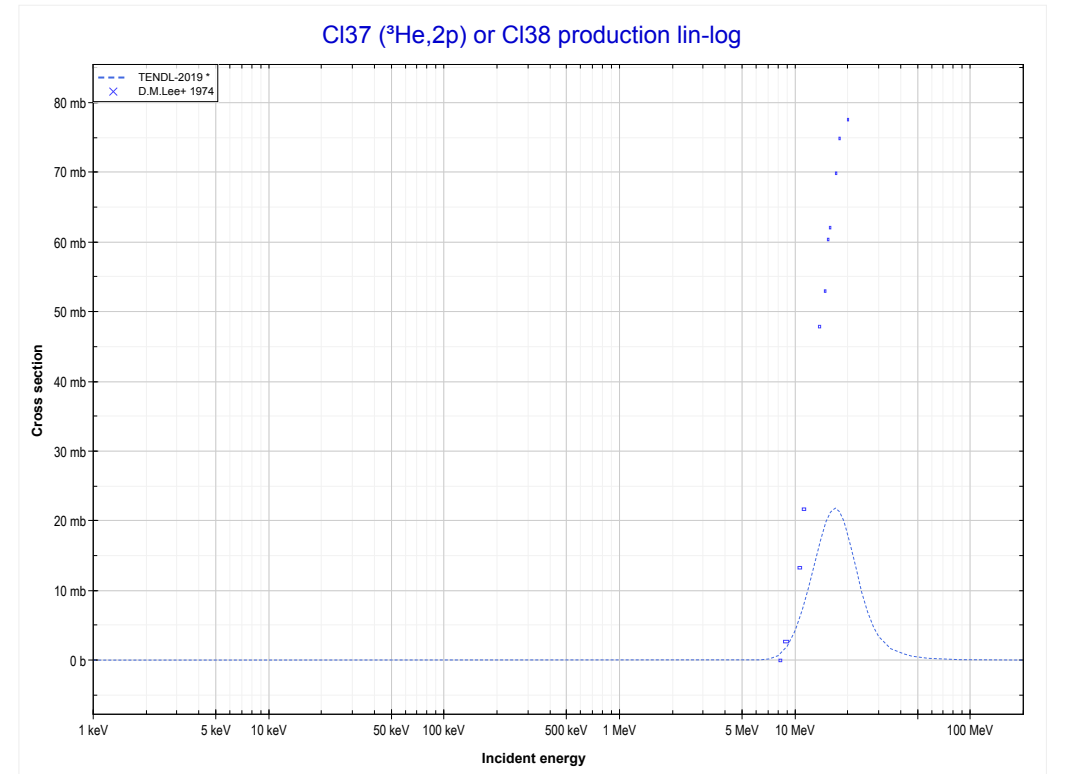
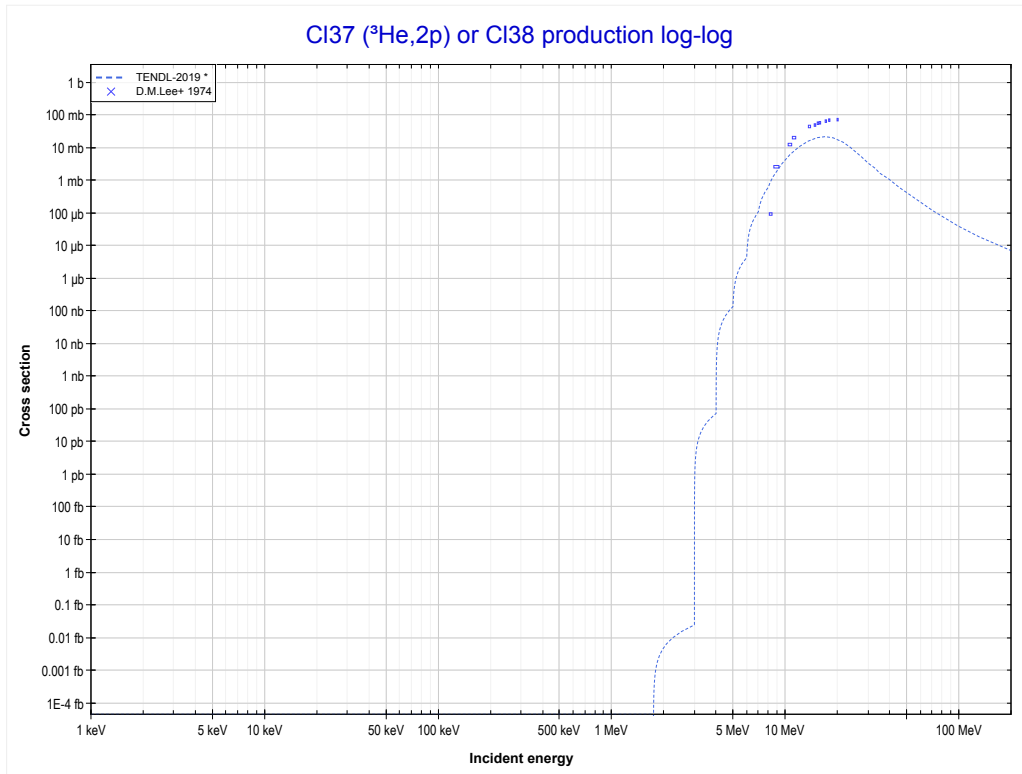
Reaction	Q-Value
Cl35(He3,α)Cl34	7932.85 keV
Cl35(He3,p+t)Cl34	-11881.01 keV
Cl35(He3,n+He3)Cl34	-12644.77 keV
Cl35(He3,2d)Cl34	-15913.68 keV
Cl35(He3,n+p+d)Cl34	-18138.24 keV
Cl35(He3,2n+2p)Cl34	-20362.81 keV

<< 13-Al-27	17-Cl-37	24-Cr-50 >>
<< 17-Cl-35 MT107 (³ He,α)	MT16 (³He,2n) or MT5 (K38 production)	MT111 (³ He,2p) >>



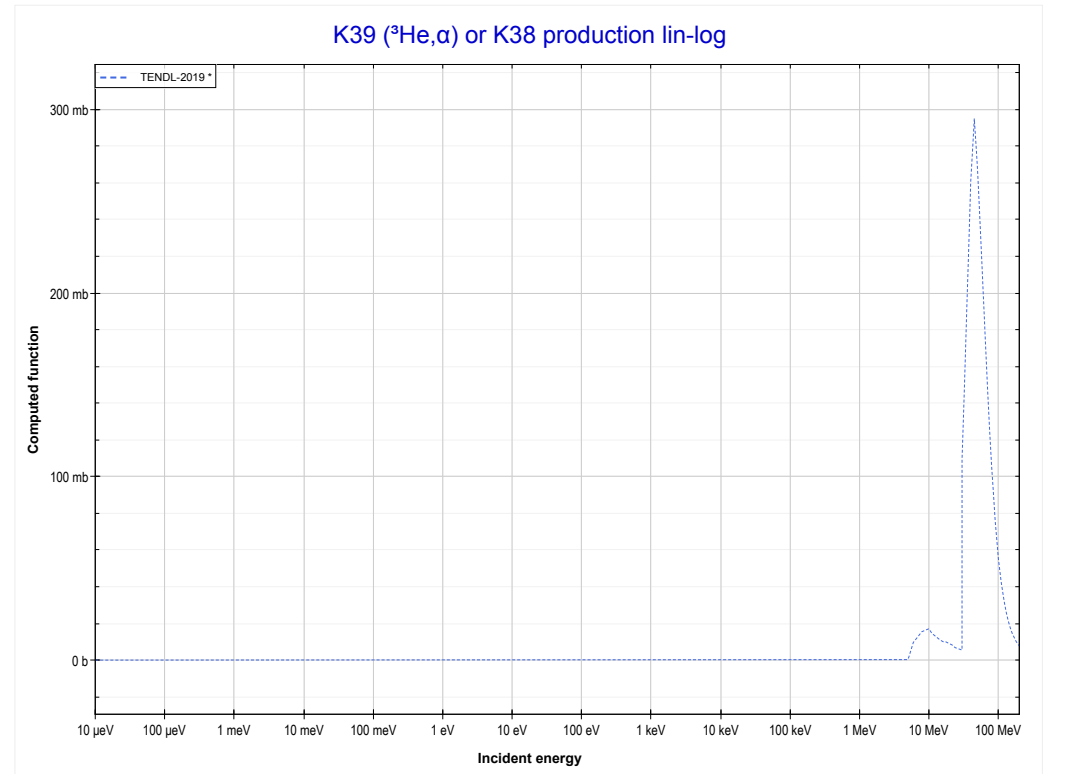
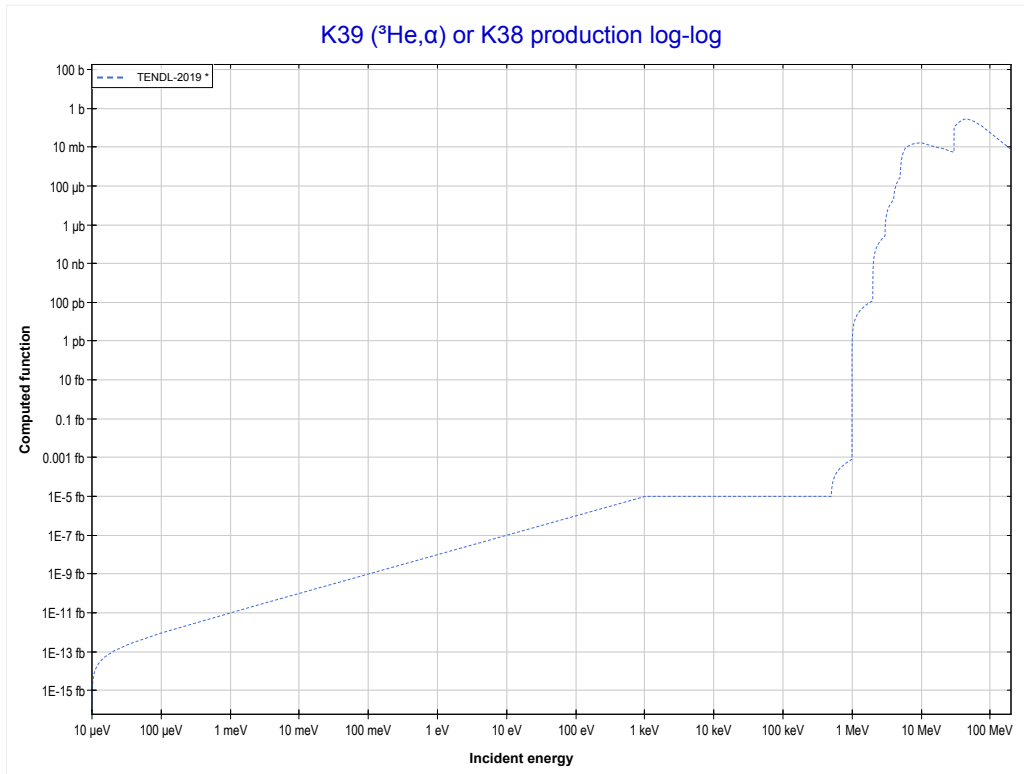
Reaction	Q-Value
Cl37(He3,2n)K38	-4172.21 keV

<< 13-Al-27	17-CI-37	21-Sc-45 >>
<< MT16 ($^3\text{He},2n$)	MT111 ($^3\text{He},2p$) or MT5 (CI38 production)	19-K-39 MT107 ($^3\text{He},\alpha$) >>



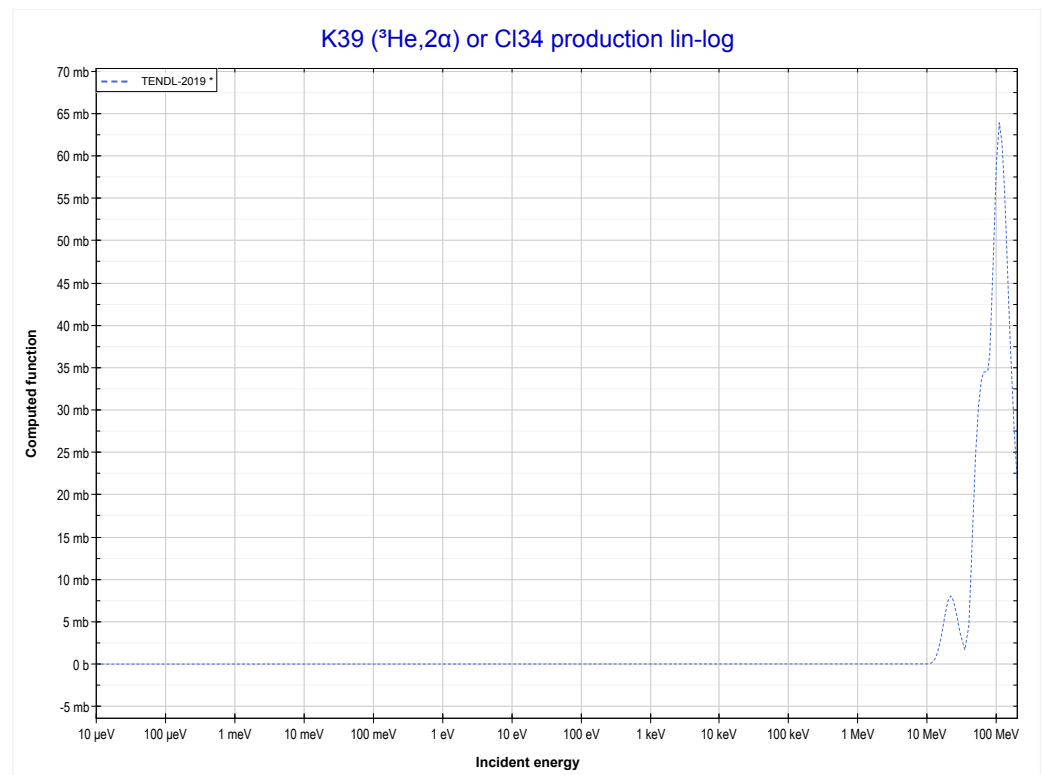
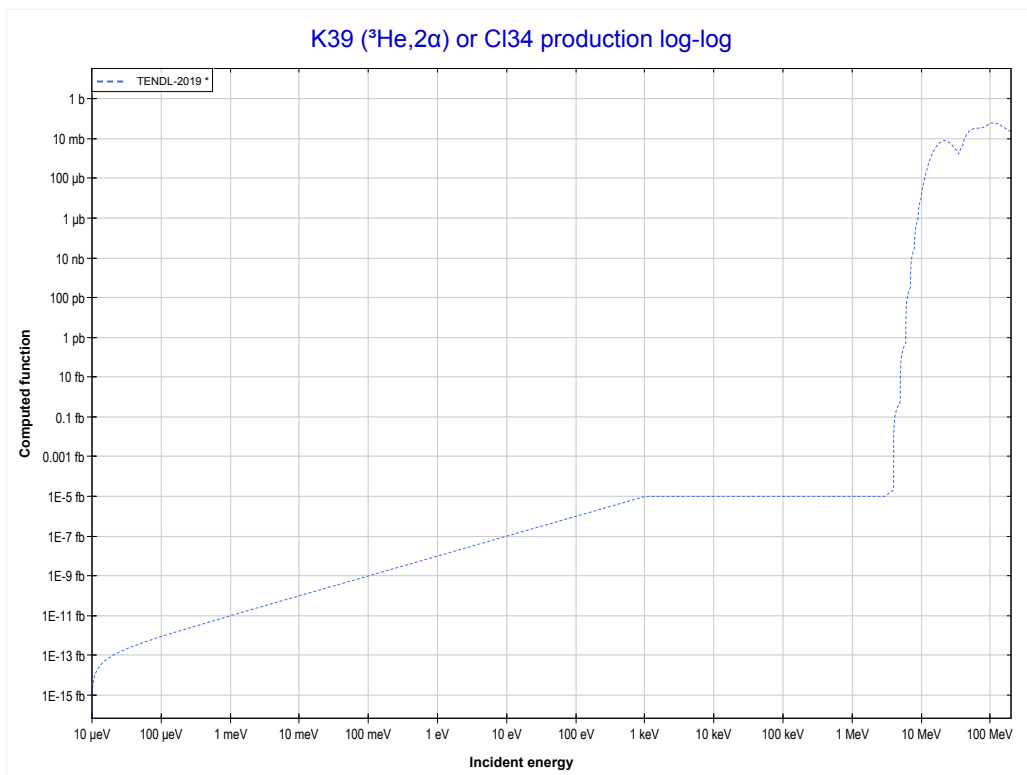
Reaction	Q-Value
CI37($\text{He}3,2p$)CI38	-1610.16 keV

<< 17-CI-35	19-K-39	21-Sc-45 >>
<< 17-CI-37 MT111 (³ He,2p)	MT107 (³He,α) or MT5 (K38 production)	MT108 (³ He,2α) >>



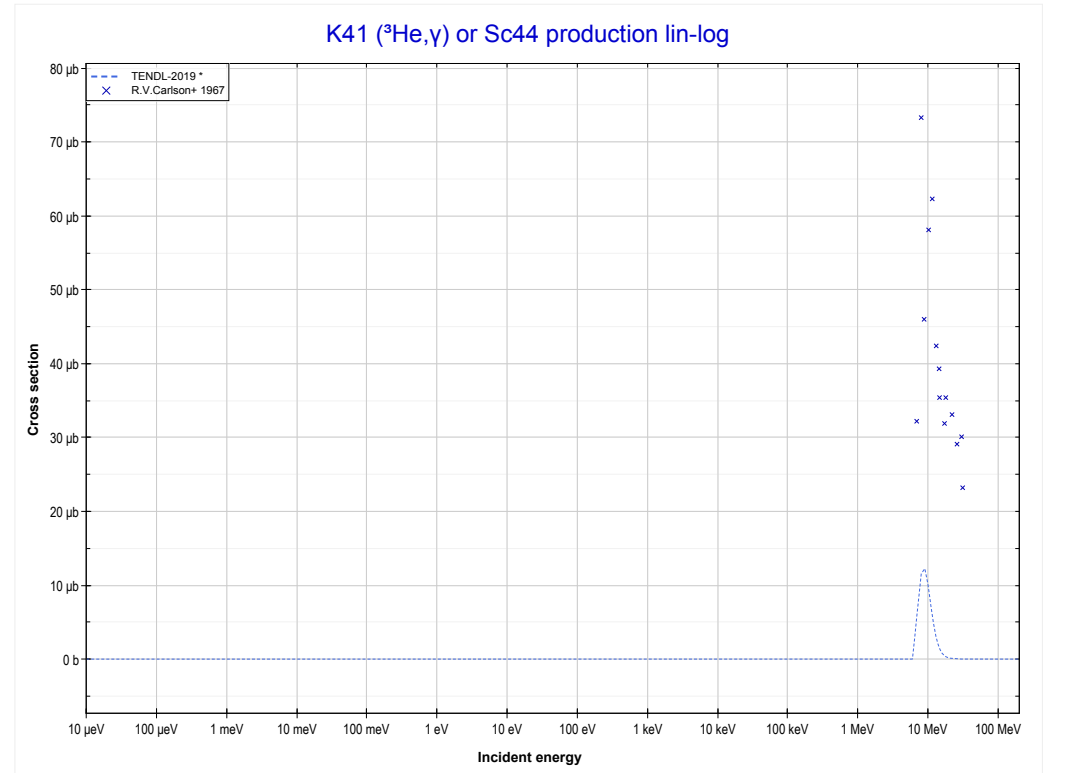
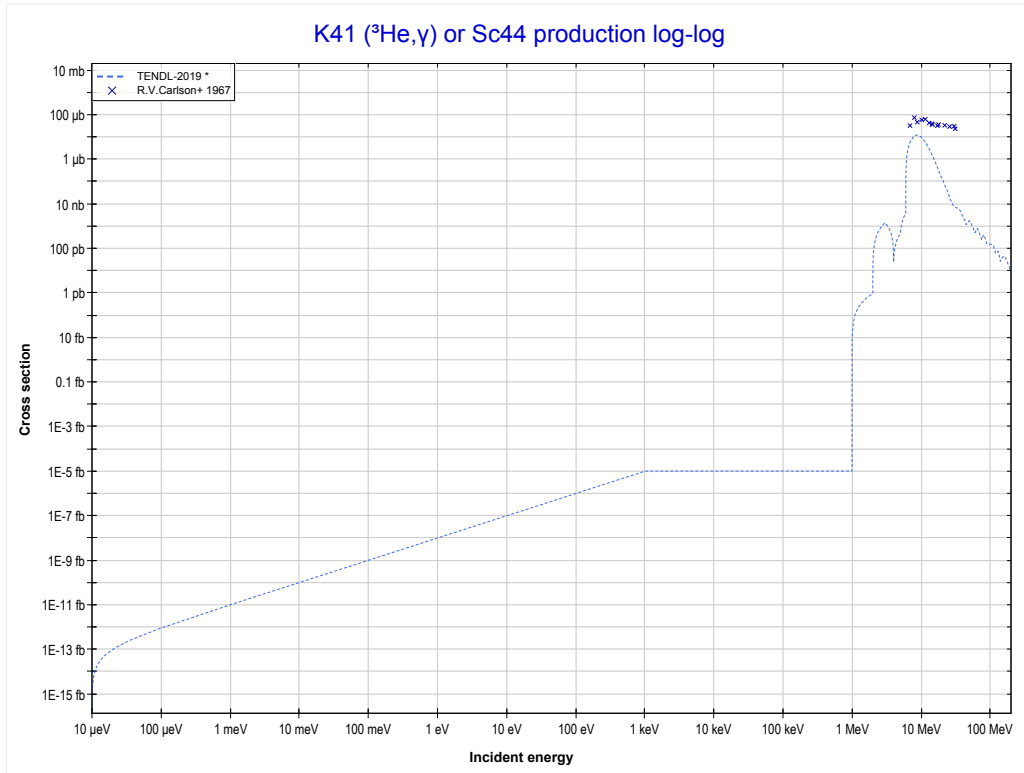
Reaction	Q-Value
K39(He3,α)K38	7499.86 keV
K39(He3,p+t)K38	-12314.00 keV
K39(He3,n+He3)K38	-13077.76 keV
K39(He3,2d)K38	-16346.67 keV
K39(He3,n+p+d)K38	-18571.23 keV
K39(He3,2n+2p)K38	-20795.80 keV

<< 14-Si-28	19-K-39	27-Co-59 >>
<< MT107 (³ He,α)	MT108 (³He,2α) or MT5 (Cl34 production)	19-K-41 MT102 (³ He,γ) >>



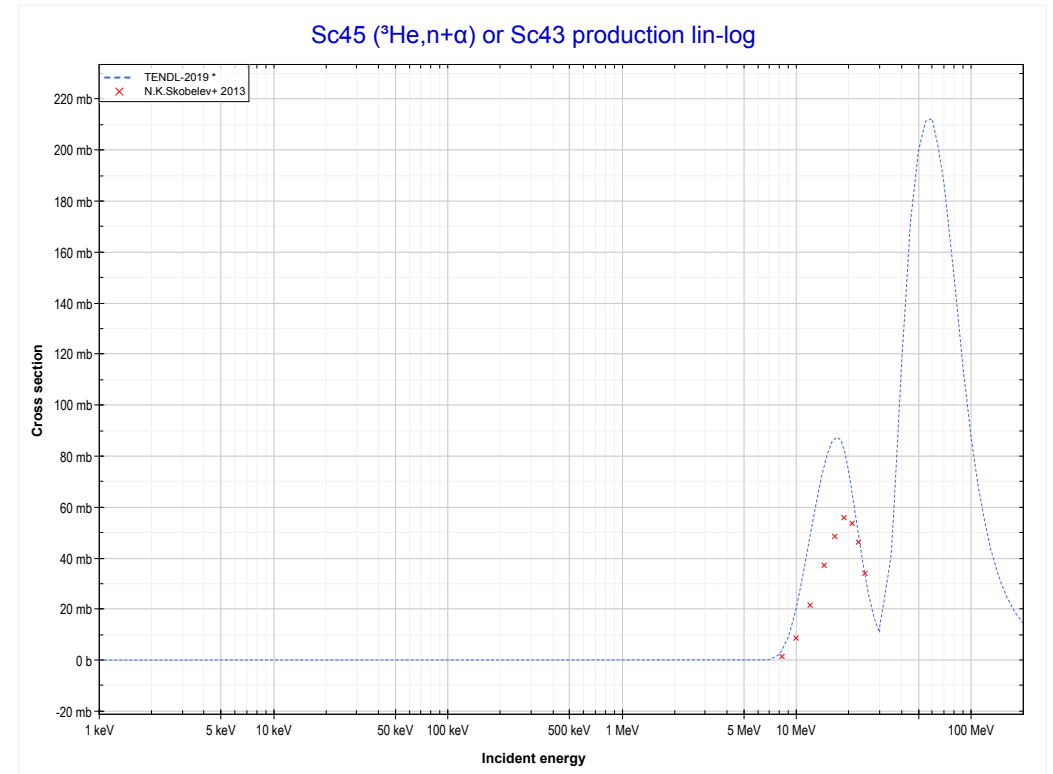
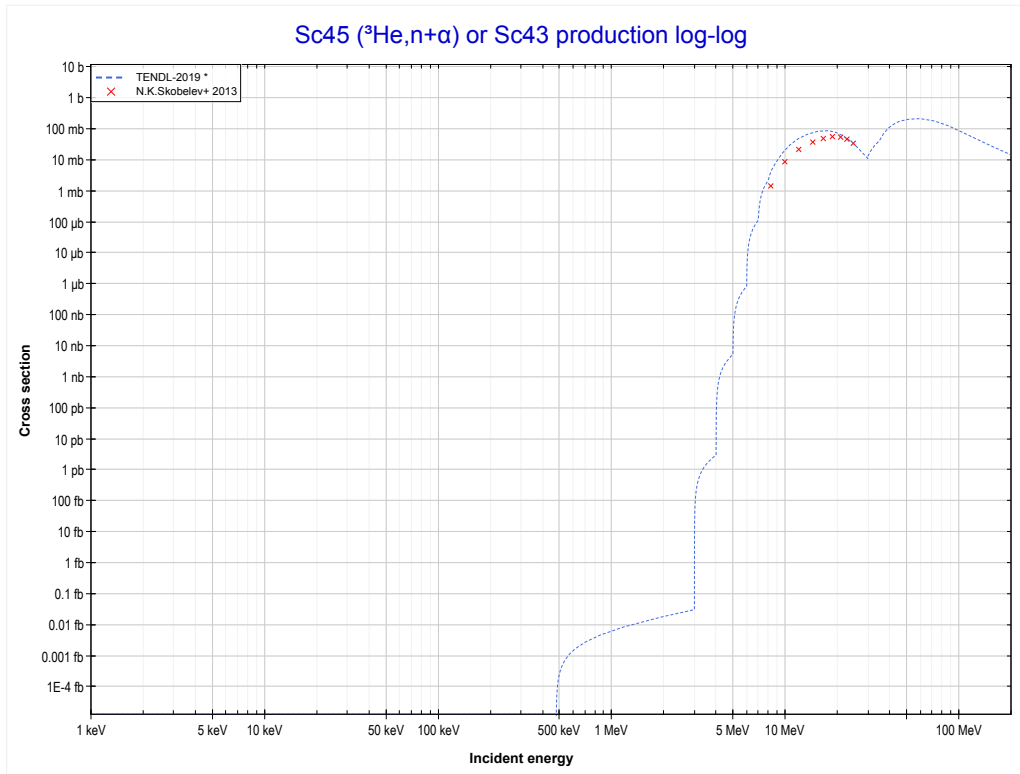
Reaction	Q-Value	Reaction	Q-Value
K39(He3,2α)Cl34	714.28 keV	K39(He3,n+p+t+He3)Cl34	-39677.21 keV
K39(He3,p+t+α)Cl34	-19099.59 keV	K39(He3,2n+2He3)Cl34	-40440.96 keV
K39(He3,n+He3+α)Cl34	-19863.34 keV	K39(He3,p+2d+t)Cl34	-42946.12 keV
K39(He3,2d+α)Cl34	-23132.25 keV	K39(He3,n+2d+He3)Cl34	-43709.87 keV
K39(He3,n+p+d+α)Cl34	-25356.82 keV	K39(He3,n+2p+d+t)Cl34	-45170.68 keV
K39(He3,2n+2p+α)Cl34	-27581.38 keV	K39(He3,2n+p+d+He3)Cl34	-45934.44 keV
K39(He3,d+t+He3)Cl34	-37452.64 keV	K39(He3,4d)Cl34	-46978.78 keV
K39(He3,2p+2t)Cl34	-38913.45 keV	K39(He3,2n+3p+t)Cl34	-47395.25 keV

<< 14-Si-28	19-K-41	21-Sc-45 >>
<< 19-K-39 MT108 ($^3\text{He},2\alpha$)	MT102 ($^3\text{He},\gamma$) or MT5 (Sc44 production)	21-Sc-45 MT22 ($^3\text{He},n+\alpha$) >>



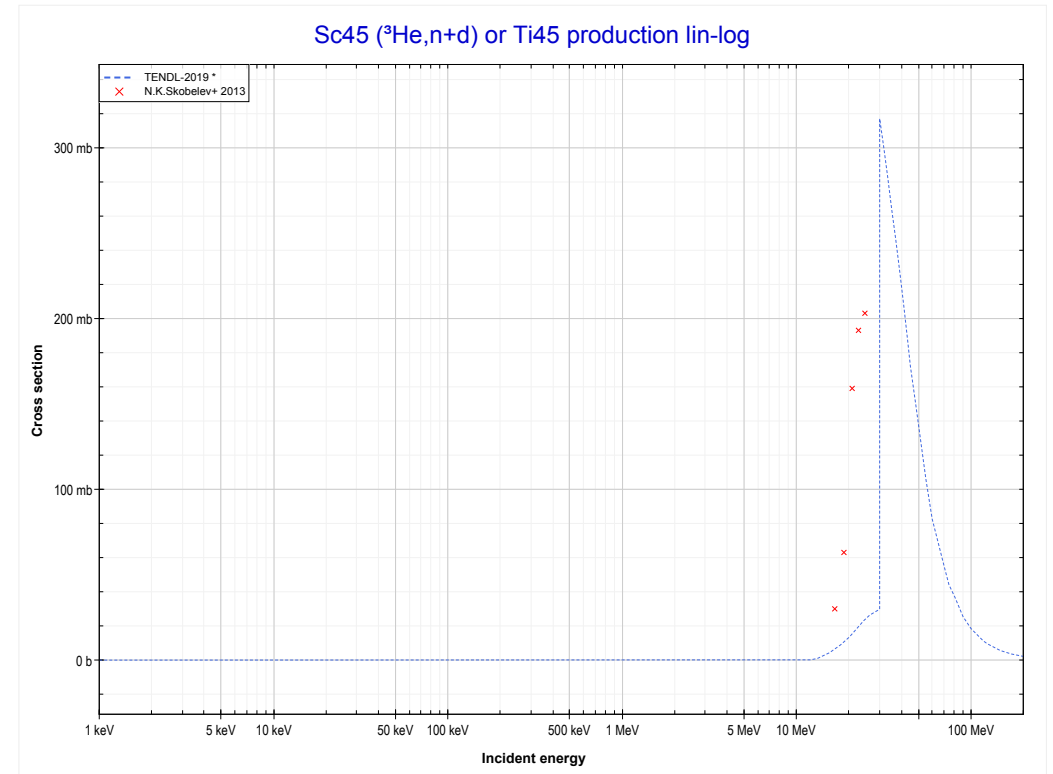
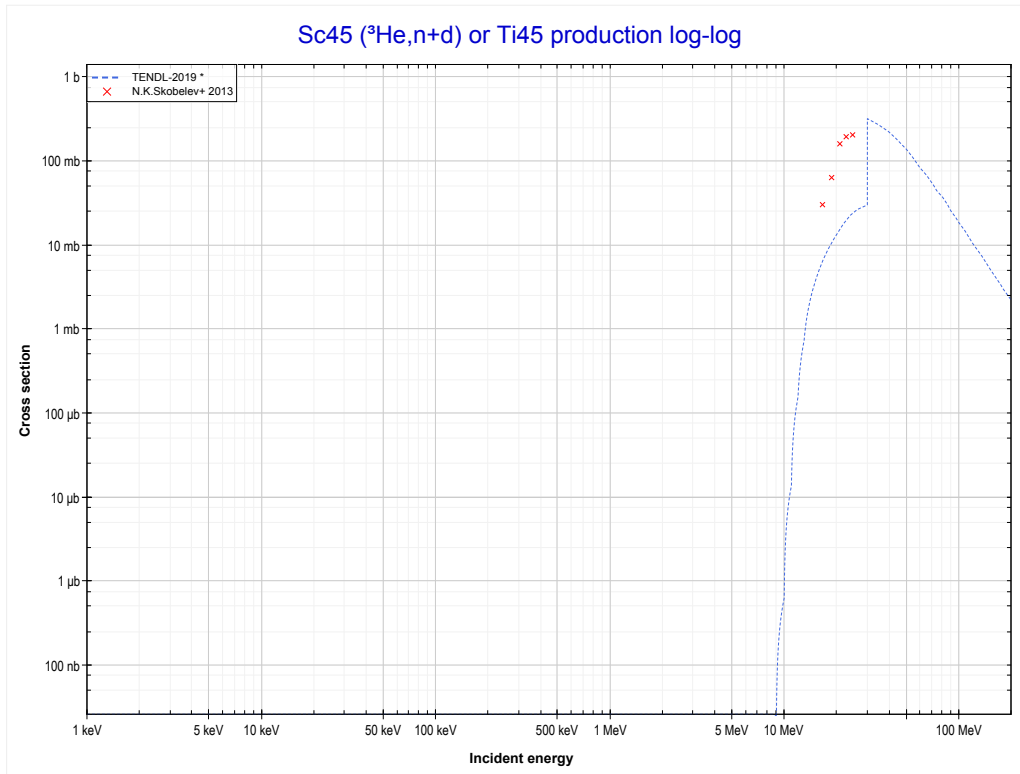
Reaction	Q-Value
K41($\text{He}3,\gamma$)Sc44	17187.67 keV

<< 14-Si-28	21-Sc-45	23-V-51 >>
<< 19-K-41 MT102 (³ He,γ)	MT22 (³He,n+α) or MT5 (Sc43 production)	MT32 (³ He,n+d) >>



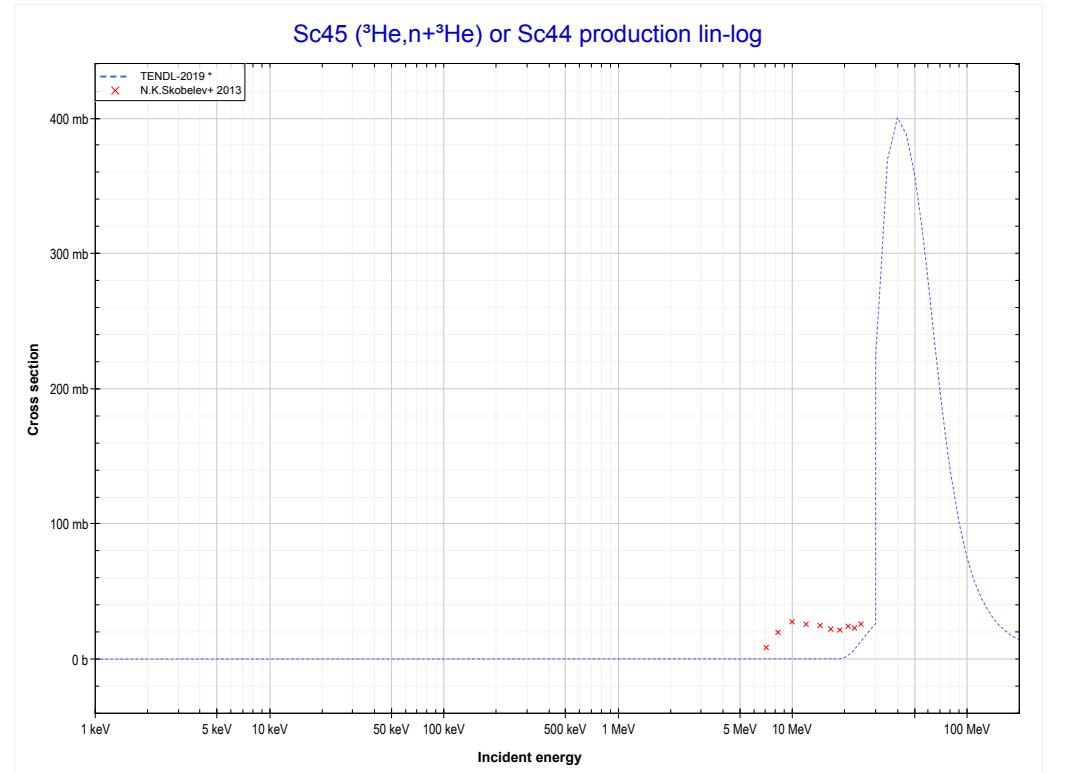
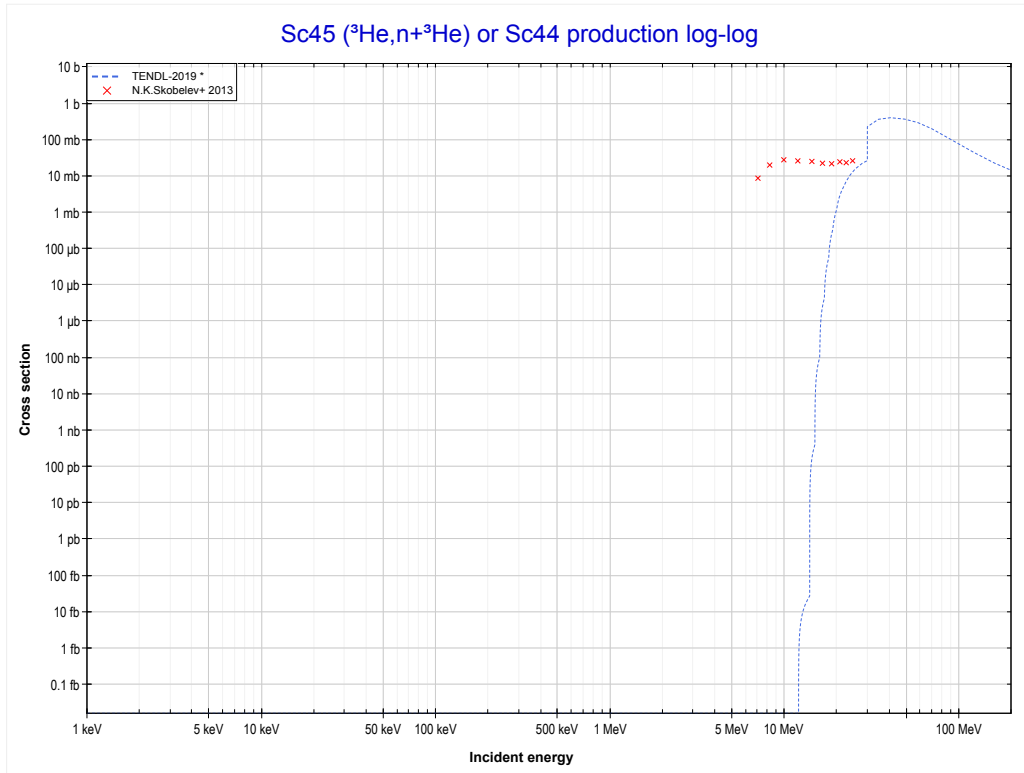
Reaction	Q-Value
Sc45(He3,n+α)Sc43	-448.81 keV
Sc45(He3,d+t)Sc43	-18038.11 keV
Sc45(He3,n+p+t)Sc43	-20262.68 keV
Sc45(He3,2n+He3)Sc43	-21026.43 keV
Sc45(He3,n+2d)Sc43	-24295.34 keV
Sc45(He3,2n+p+d)Sc43	-26519.91 keV
Sc45(He3,3n+2p)Sc43	-28744.47 keV

<< 14-Si-28	21-Sc-45	24-Cr-52 >>
<< MT22 ($^3\text{He},n+\alpha$)	MT32 ($^3\text{He},n+d$) or MT5 (Ti45 production)	MT34 ($^3\text{He},n+^3\text{He}$) >>



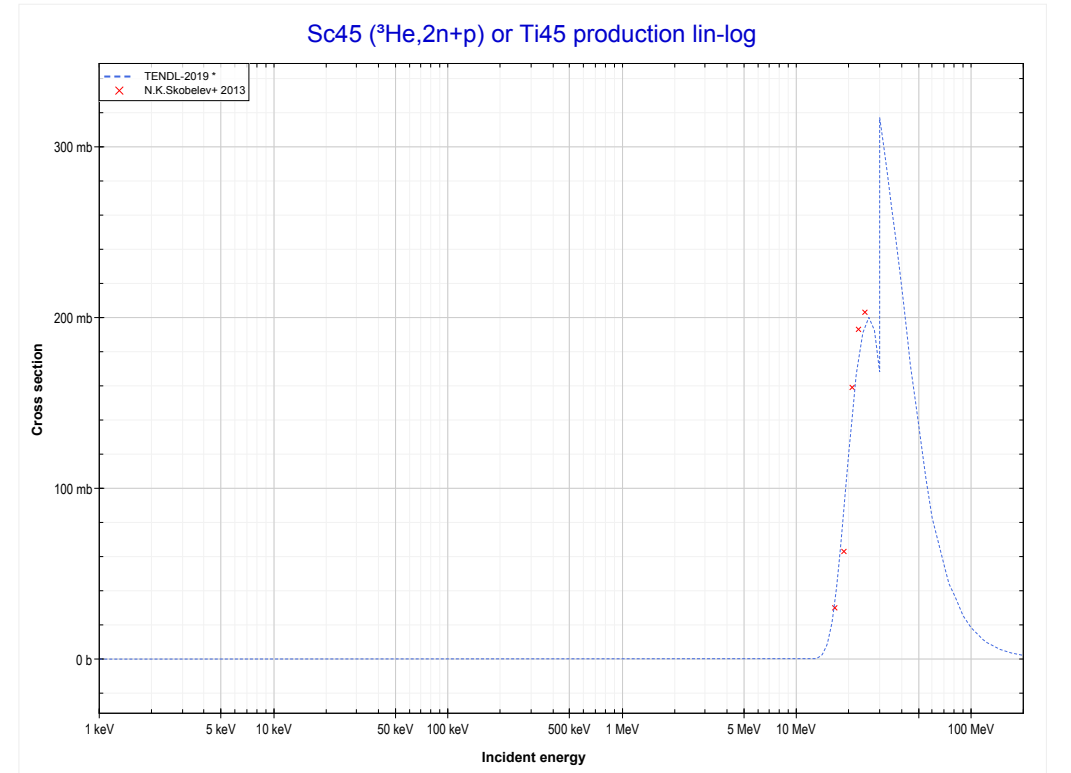
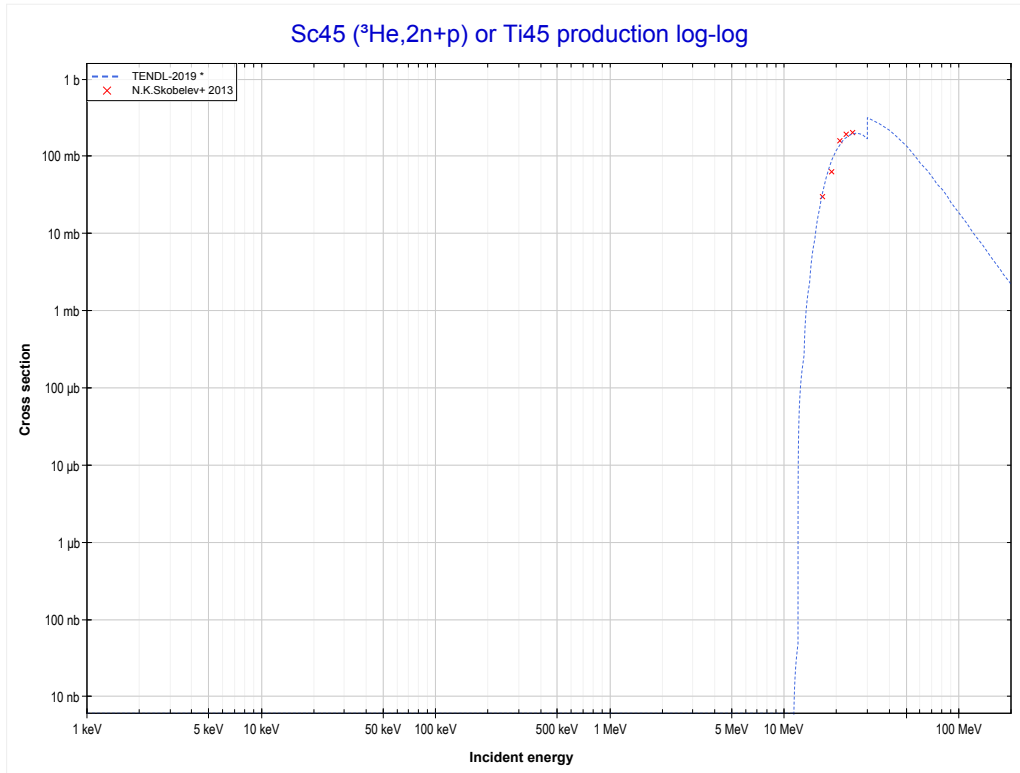
Reaction	Q-Value
Sc45(He3,t)Ti45	-2080.69 keV
Sc45(He3,n+d)Ti45	-8337.92 keV
Sc45(He3,2n+p)Ti45	-10562.49 keV

<< 14-Si-28	21-Sc-45	25-Mn-55 >>
<< MT32 (³ He,n+d)	MT34 (³He,n+³He) or MT5 (Sc44 production)	MT41 (³ He,2n+p) >>



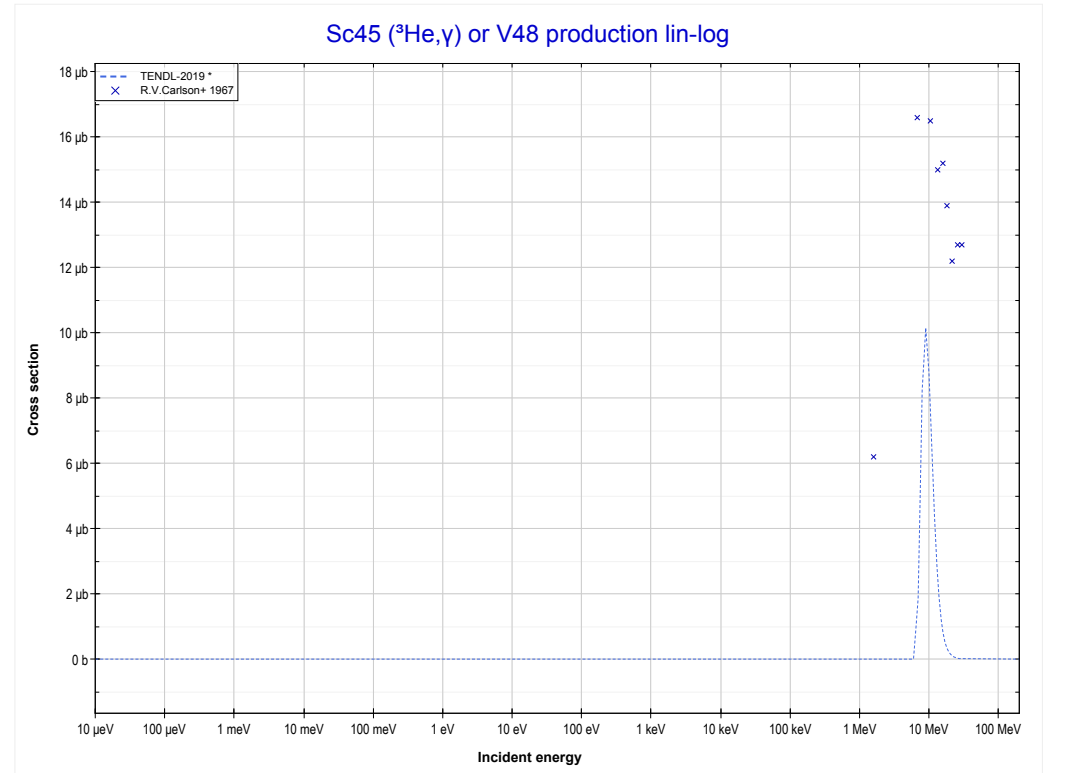
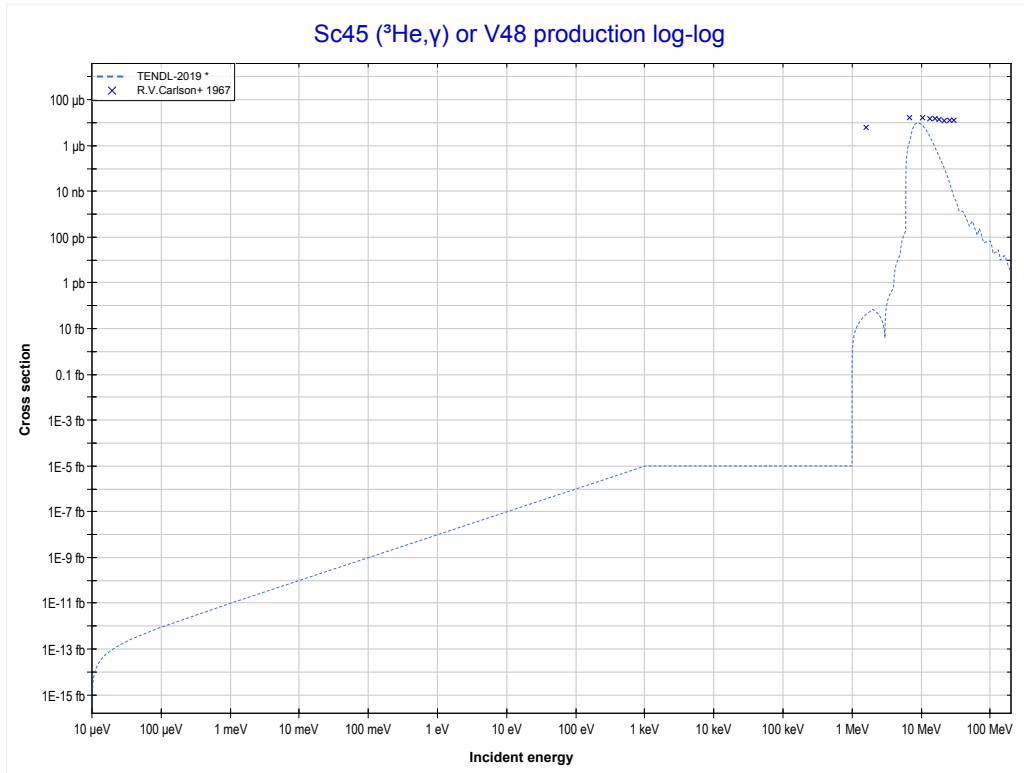
Reaction	Q-Value
Sc45(He3,α)Sc44	9250.40 keV
Sc45(He3,p+t)Sc44	-10563.46 keV
Sc45(He3,n+He3)Sc44	-11327.22 keV
Sc45(He3,2d)Sc44	-14596.13 keV
Sc45(He3,n+p+d)Sc44	-16820.69 keV
Sc45(He3,2n+2p)Sc44	-19045.26 keV

<< 14-Si-28	21-Sc-45	24-Cr-52 >>
<< MT34 (³ He,n+ ³ He)	MT41 (³He,2n+p) or MT5 (Ti45 production)	MT102 (³ He,γ) >>



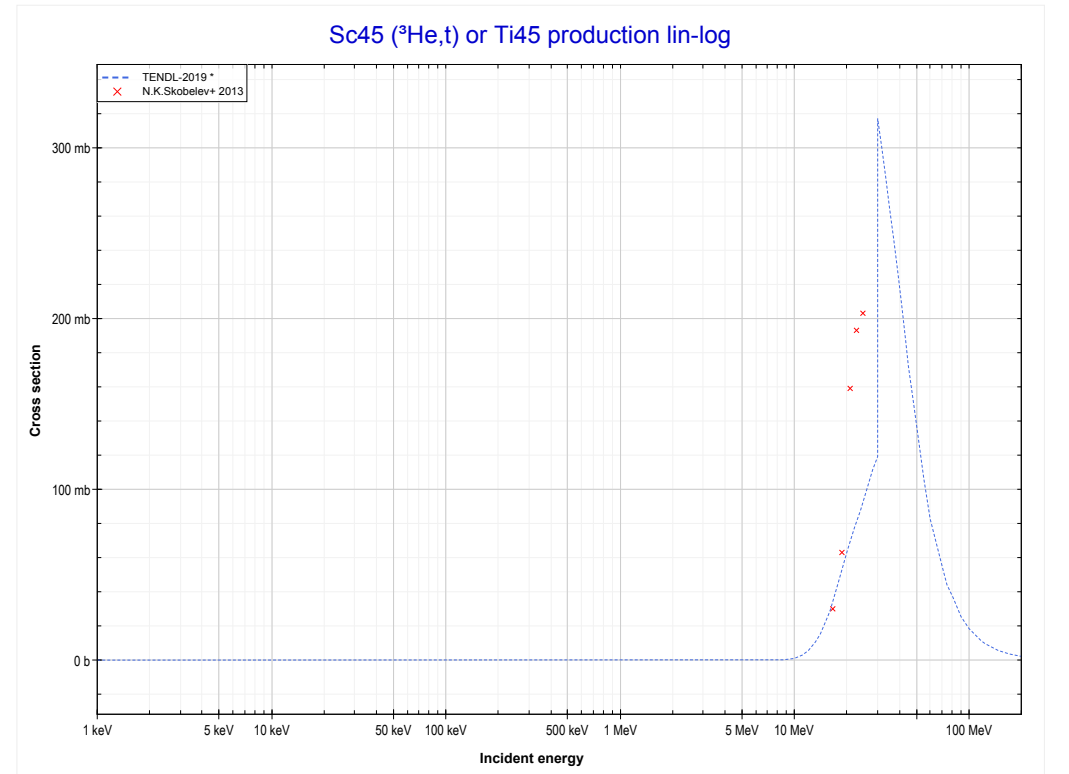
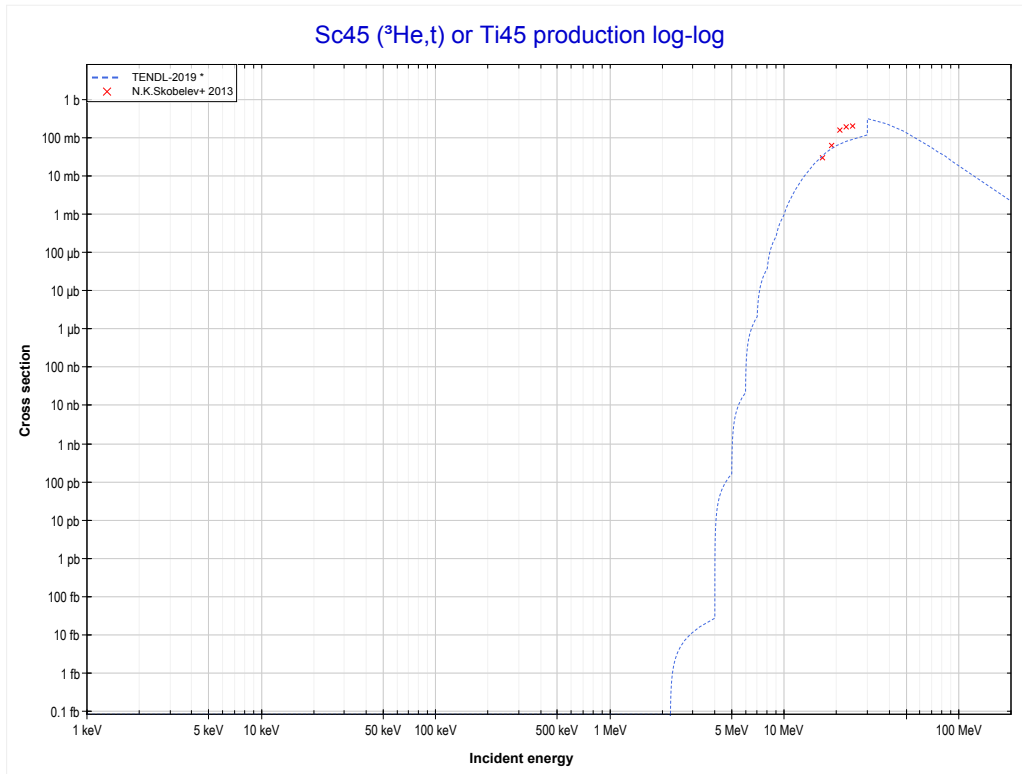
Reaction	Q-Value
Sc45(He3,t)Ti45	-2080.69 keV
Sc45(He3,n+d)Ti45	-8337.92 keV
Sc45(He3,2n+p)Ti45	-10562.49 keV

<< 19-K-41	21-Sc-45	31-Ga-71 >>
<< MT41 ($^3\text{He},2n+p$)	MT102 ($^3\text{He},\gamma$) or MT5 (V48 production)	MT105 ($^3\text{He},t$) >>



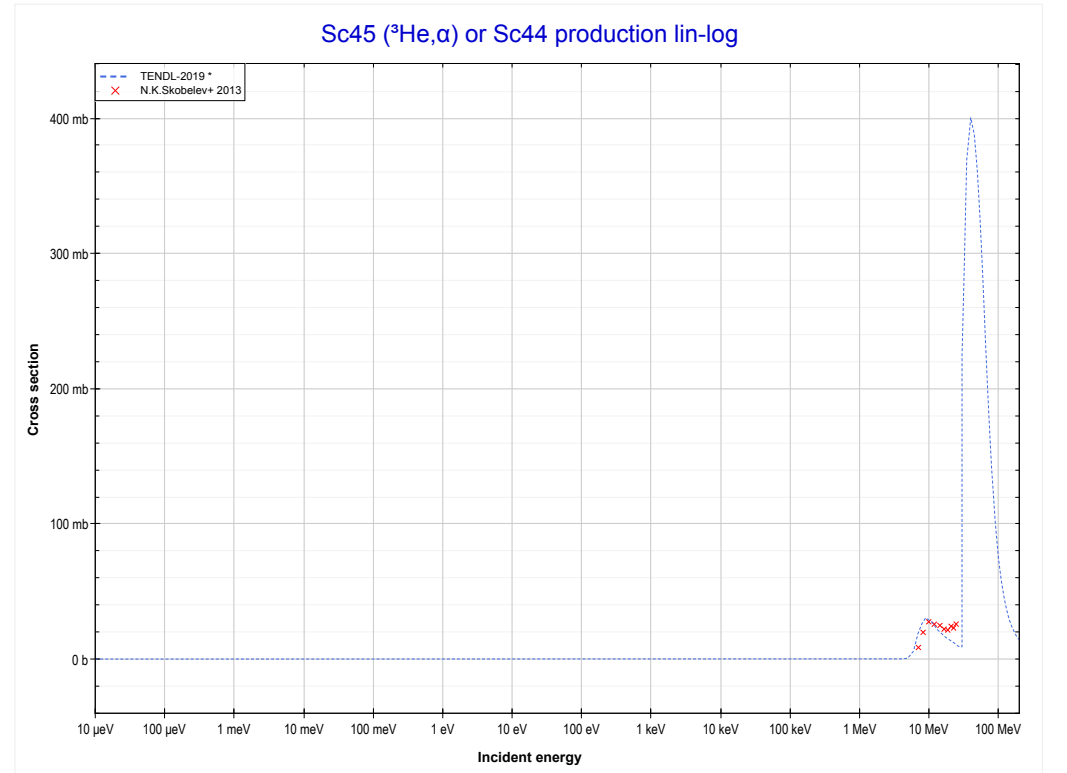
Reaction	Q-Value
Sc45(He3, γ)V48	18337.02 keV

<< 14-Si-28	21-Sc-45	24-Cr-52 >>
<< MT102 (³ He,γ)	MT105 (³He,t) or MT5 (Ti45 production)	MT107 (³ He,α) >>



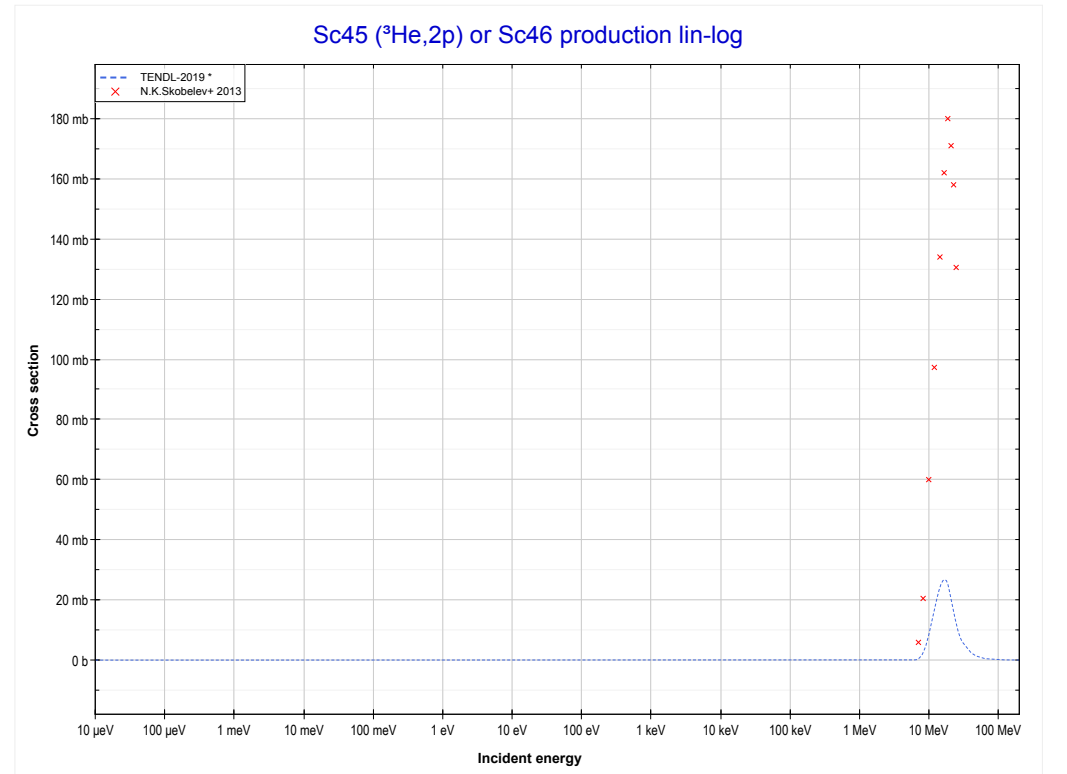
Reaction	Q-Value
Sc45(He3,t)Ti45	-2080.69 keV
Sc45(He3,n+d)Ti45	-8337.92 keV
Sc45(He3,2n+p)Ti45	-10562.49 keV

<< 19-K-39	21-Sc-45	25-Mn-55 >>
<< MT105 (³ He,t)	MT107 (³He,α) or MT5 (Sc44 production)	MT111 (³ He,2p) >>



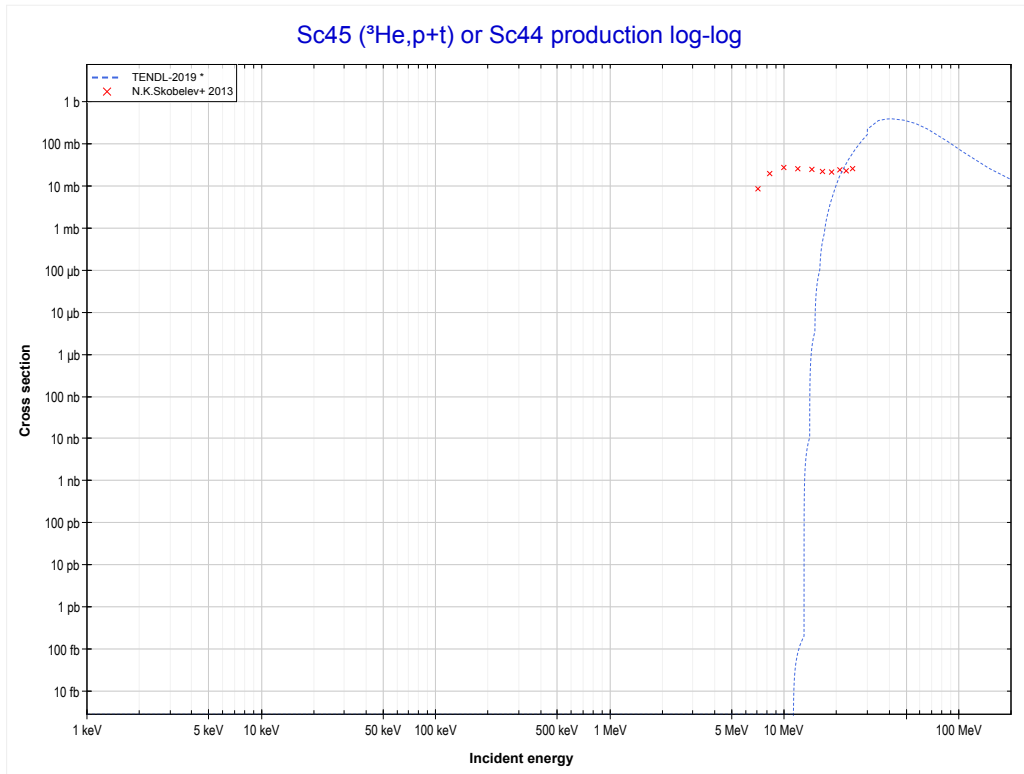
Reaction	Q-Value
Sc45(He3,α)Sc44	9250.40 keV
Sc45(He3,p+t)Sc44	-10563.46 keV
Sc45(He3,n+He3)Sc44	-11327.22 keV
Sc45(He3,2d)Sc44	-14596.13 keV
Sc45(He3,n+p+d)Sc44	-16820.69 keV
Sc45(He3,2n+2p)Sc44	-19045.26 keV

<< 17-CI-37	21-Sc-45	25-Mn-55 >>
<< MT107 (³ He,α)	MT111 (³He,2p) or MT5 (Sc46 production)	MT116 (³ He,p+t) >>



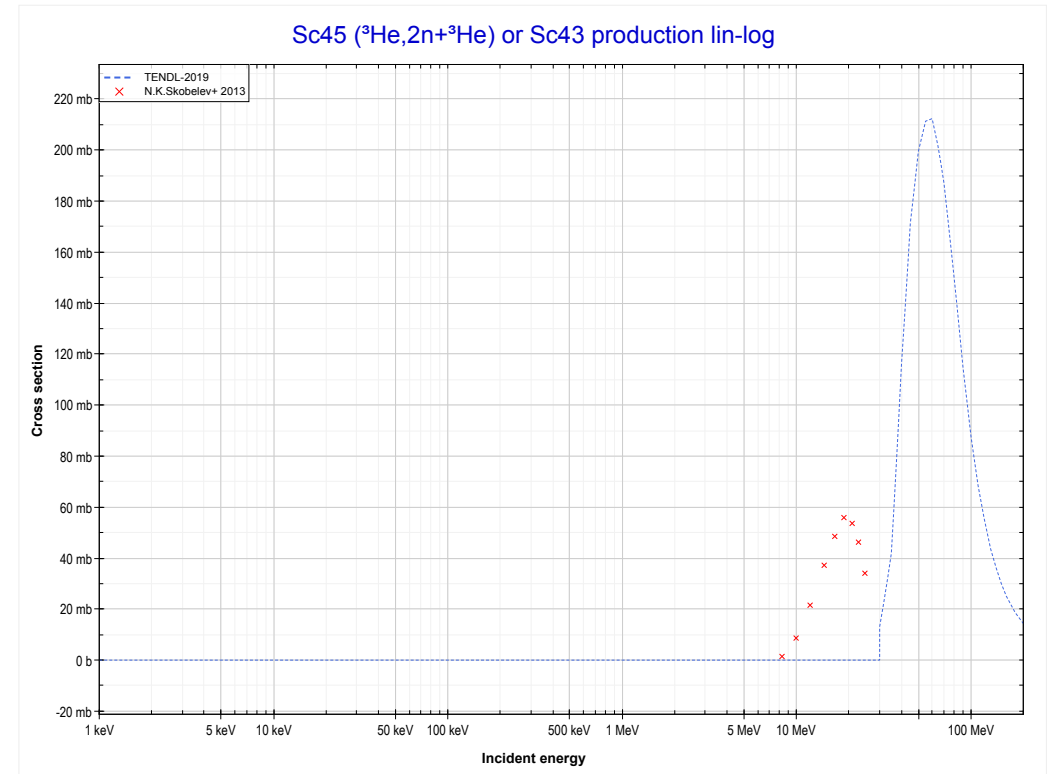
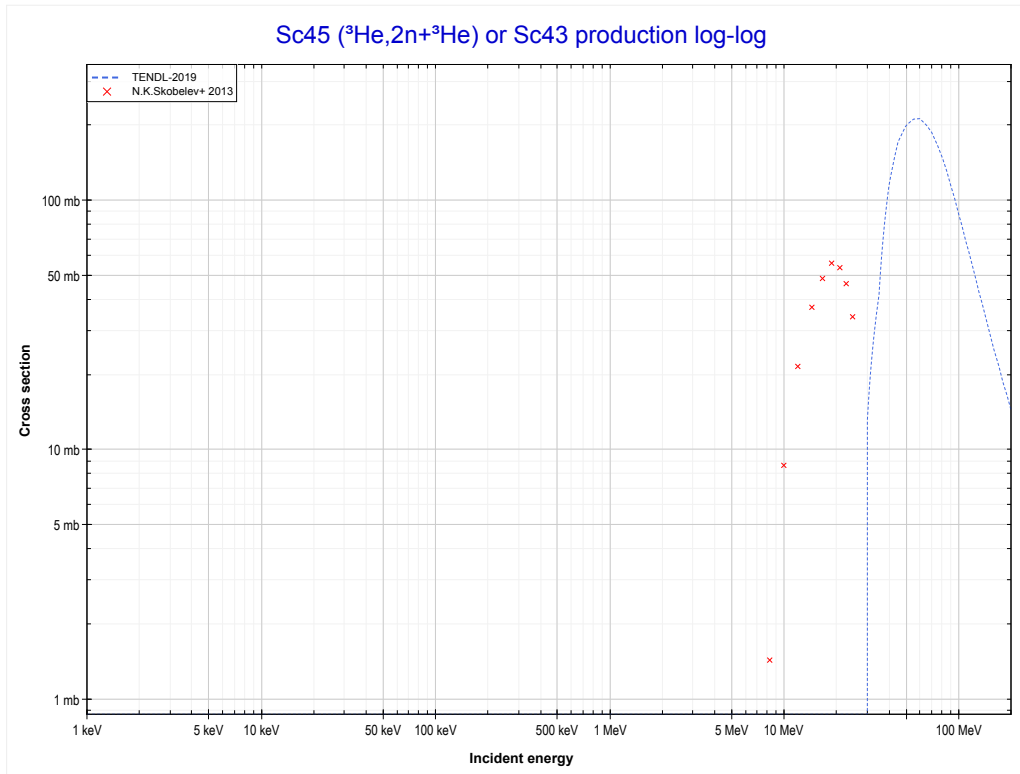
Reaction	Q-Value
Sc45(He3,2p)Sc46	1042.58 keV

<< 14-Si-28	21-Sc-45	25-Mn-55 >>
<< MT111 (³ He,2p)	MT116 (³He,p+t) or MT5 (Sc44 production)	MT176 (³ He,2n+ ³ He) >>



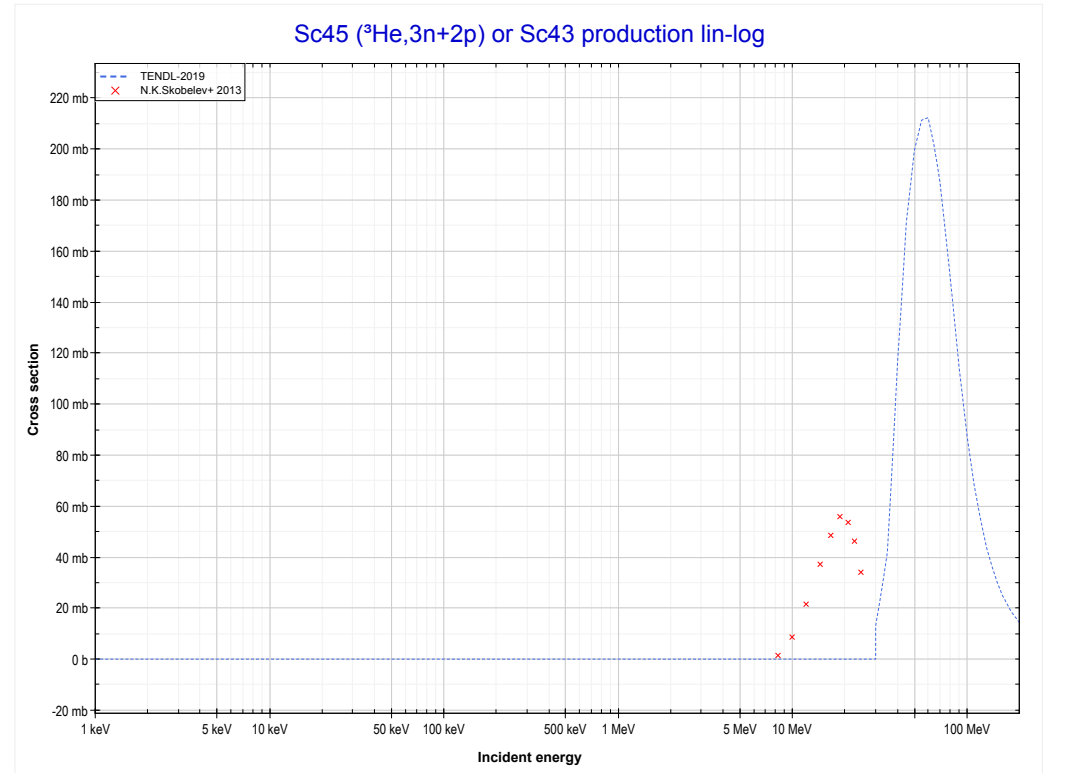
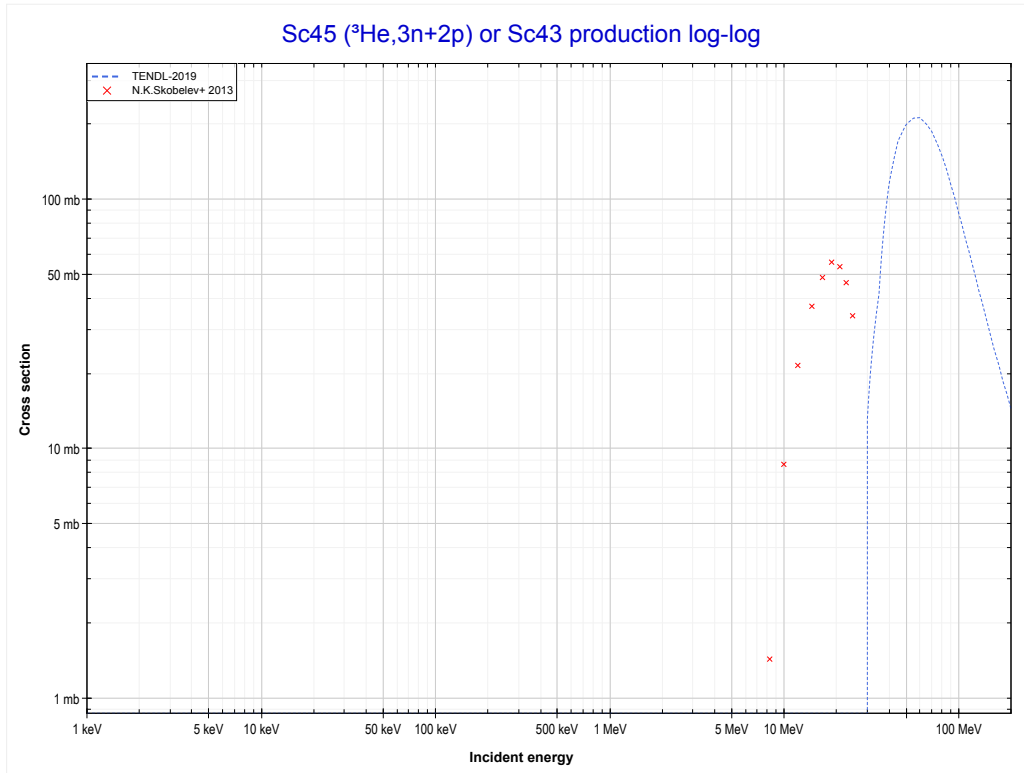
Reaction	Q-Value
Sc45(He3,α)Sc44	9250.40 keV
Sc45(He3,p+t)Sc44	-10563.46 keV
Sc45(He3,n+He3)Sc44	-11327.22 keV
Sc45(He3,2d)Sc44	-14596.13 keV
Sc45(He3,n+p+d)Sc44	-16820.69 keV
Sc45(He3,2n+2p)Sc44	-19045.26 keV

<< 14-Si-28	21-Sc-45	27-Co-59 >>
<< MT116 (³ He,p+t)	MT176 (³He,2n+³He) or MT5 (Sc43 production)	MT179 (³ He,3n+2p) >>



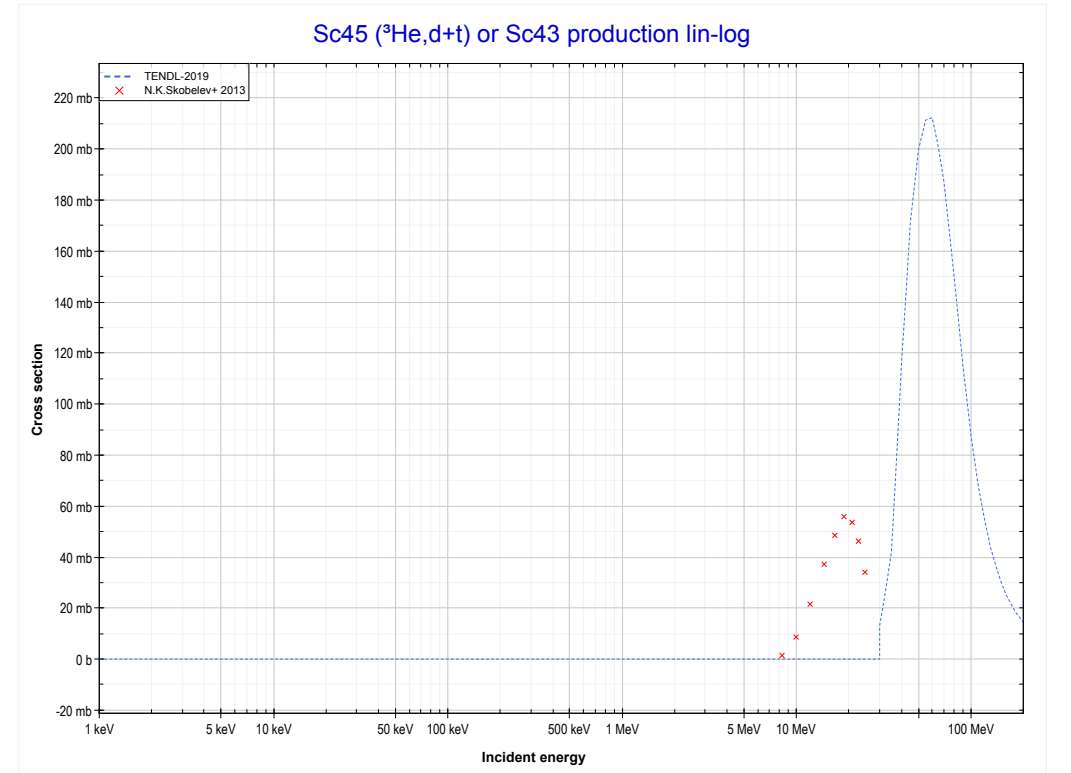
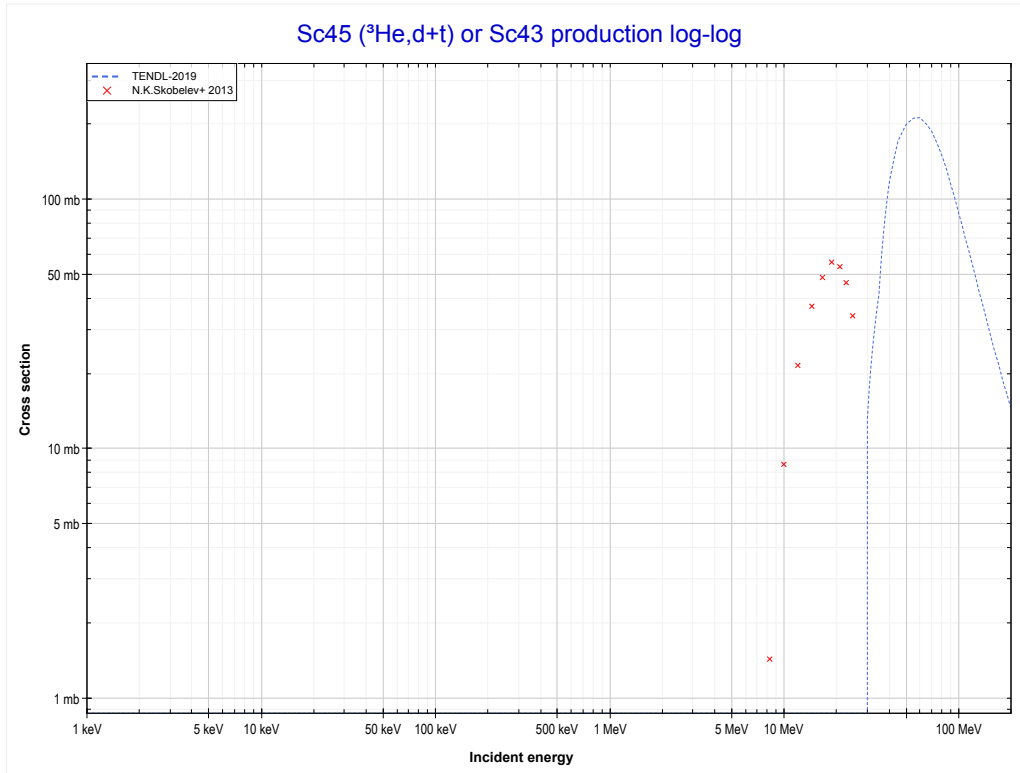
Reaction	Q-Value
Sc45(He3,n+α)Sc43	-448.81 keV
Sc45(He3,d+t)Sc43	-18038.11 keV
Sc45(He3,n+p+t)Sc43	-20262.68 keV
Sc45(He3,2n+He3)Sc43	-21026.43 keV
Sc45(He3,n+2d)Sc43	-24295.34 keV
Sc45(He3,2n+p+d)Sc43	-26519.91 keV
Sc45(He3,3n+2p)Sc43	-28744.47 keV

<< 14-Si-28	21-Sc-45	27-Co-59 >>
<< MT176 (³ He,2n+ ³ He)	MT179 (³He,3n+2p) or MT5 (Sc43 production)	MT182 (³ He,d+t) >>



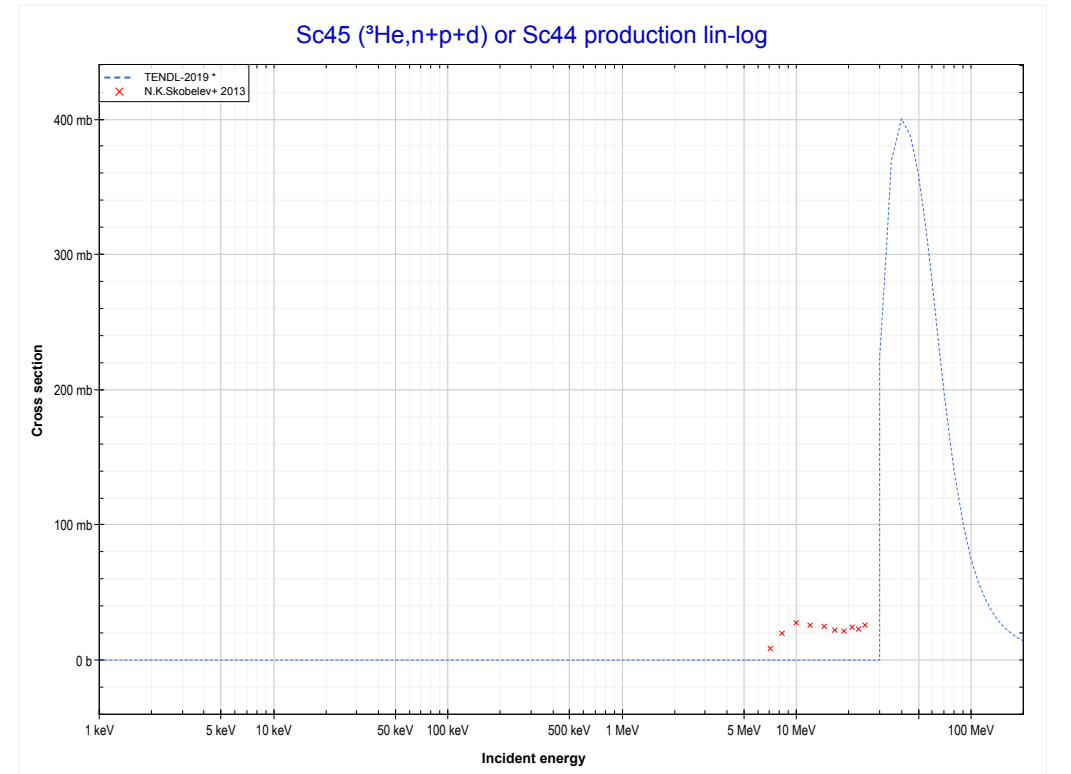
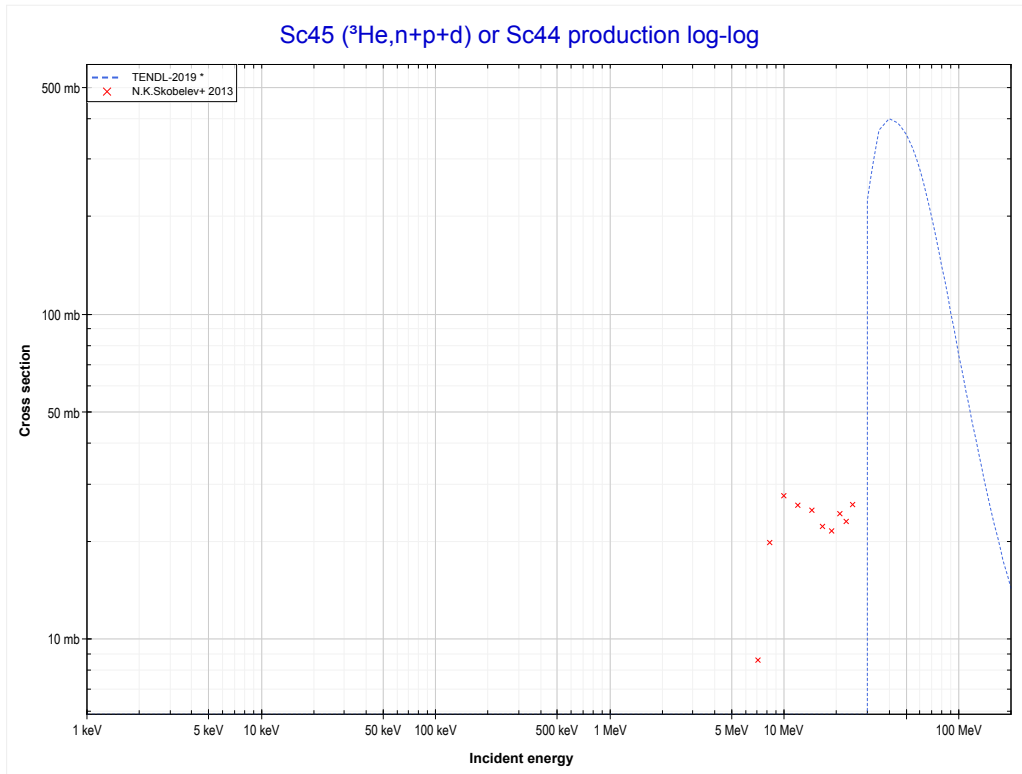
Reaction	Q-Value
Sc45(He3,n+α)Sc43	-448.81 keV
Sc45(He3,d+t)Sc43	-18038.11 keV
Sc45(He3,n+p+t)Sc43	-20262.68 keV
Sc45(He3,2n+He3)Sc43	-21026.43 keV
Sc45(He3,n+2d)Sc43	-24295.34 keV
Sc45(He3,2n+p+d)Sc43	-26519.91 keV
Sc45(He3,3n+2p)Sc43	-28744.47 keV

<< 14-Si-28	21-Sc-45	27-Co-59 >>
<< MT179 (³ He,3n+2p)	MT182 (³He,d+t) or MT5 (Sc43 production)	MT183 (³ He,n+p+d) >>



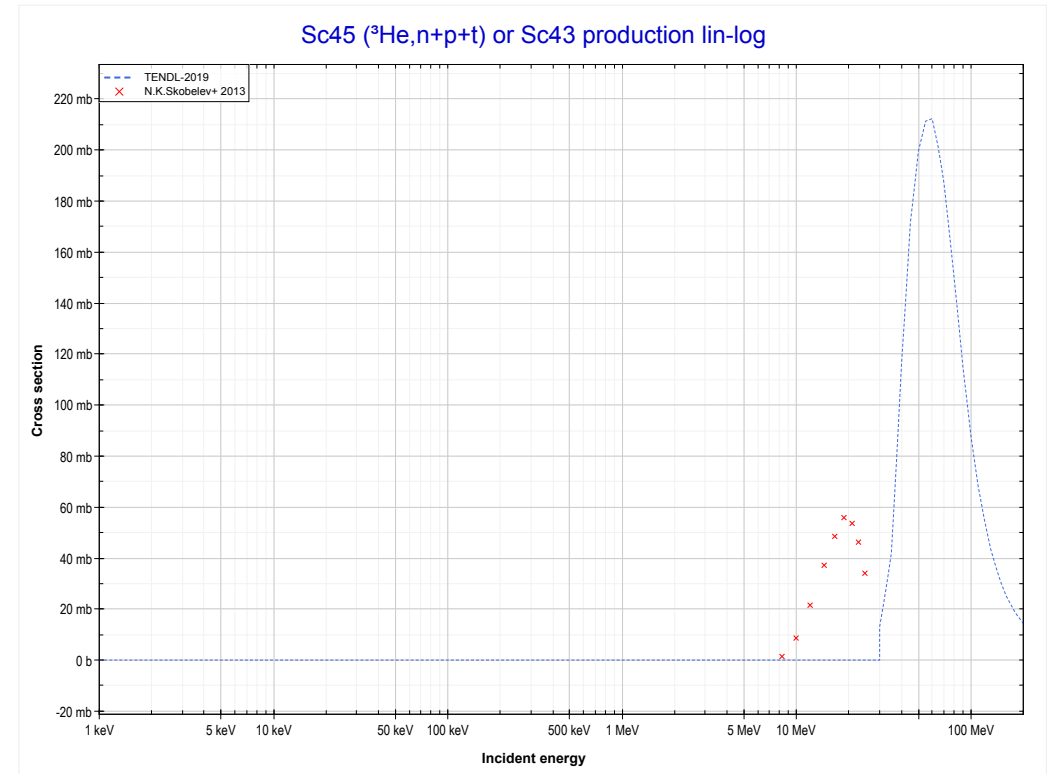
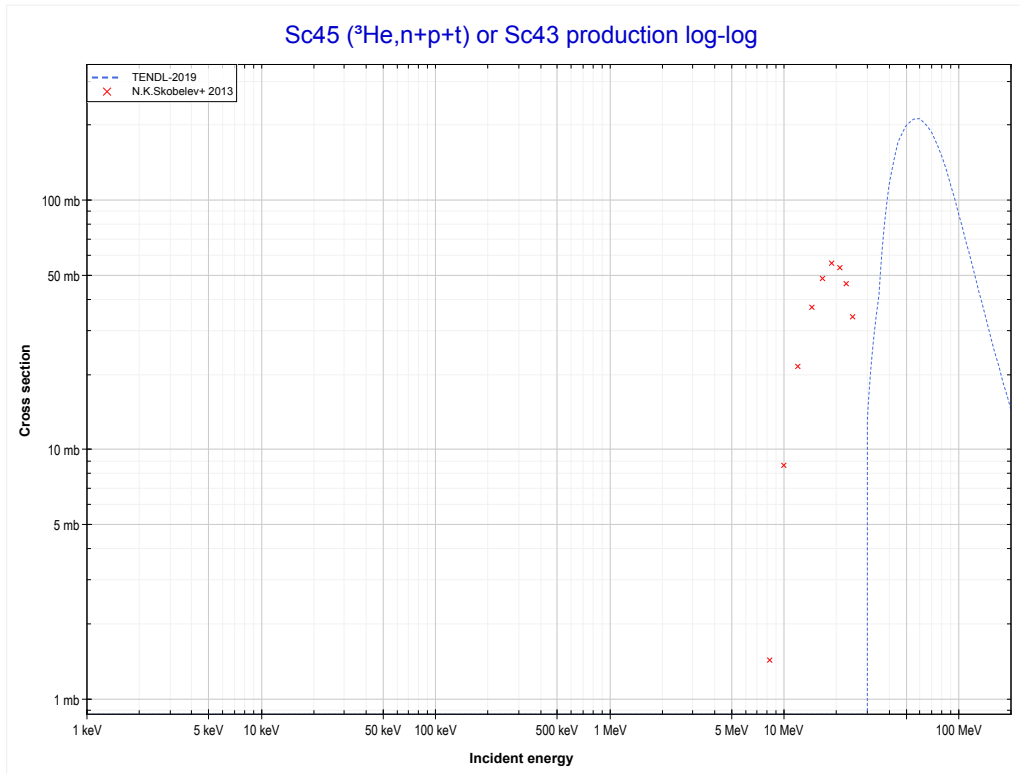
Reaction	Q-Value
Sc45(He3,n+α)Sc43	-448.81 keV
Sc45(He3,d+t)Sc43	-18038.11 keV
Sc45(He3,n+p+t)Sc43	-20262.68 keV
Sc45(He3,2n+He3)Sc43	-21026.43 keV
Sc45(He3,n+2d)Sc43	-24295.34 keV
Sc45(He3,2n+p+d)Sc43	-26519.91 keV
Sc45(He3,3n+2p)Sc43	-28744.47 keV

<< 14-Si-28	21-Sc-45	25-Mn-55 >>
<< MT182 (³ He,d+t)	MT183 (³He,n+p+d) or MT5 (Sc44 production)	MT184 (³ He,n+p+t) >>



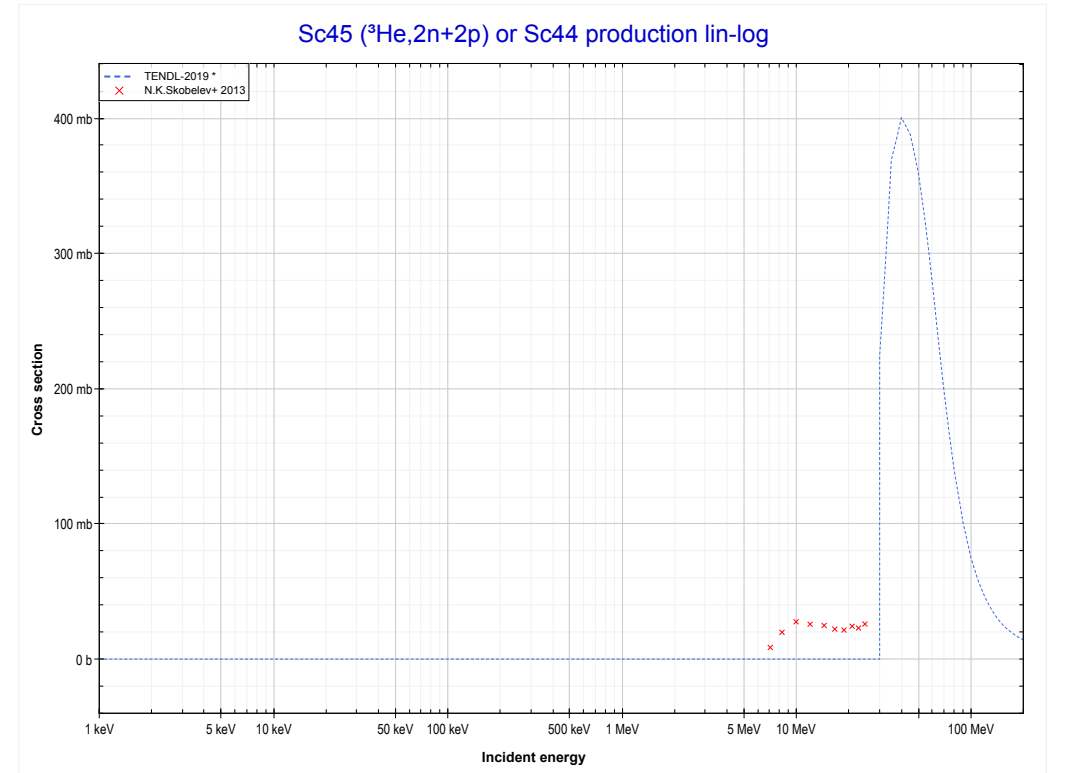
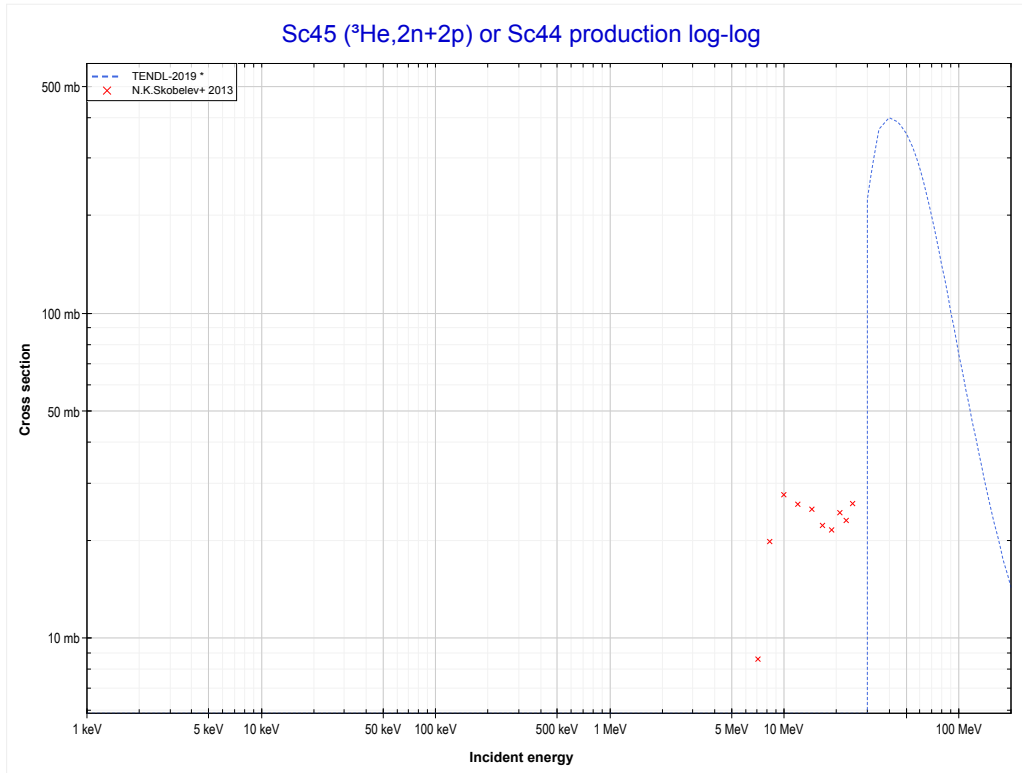
Reaction	Q-Value
Sc45(He3,α)Sc44	9250.40 keV
Sc45(He3,p+t)Sc44	-10563.46 keV
Sc45(He3,n+He3)Sc44	-11327.22 keV
Sc45(He3,2d)Sc44	-14596.13 keV
Sc45(He3,n+p+d)Sc44	-16820.69 keV
Sc45(He3,2n+2p)Sc44	-19045.26 keV

<< 14-Si-28	21-Sc-45	27-Co-59 >>
<< MT183 (³ He,n+p+d)	MT184 (³He,n+p+t) or MT5 (Sc43 production)	MT190 (³ He,2n+2p) >>



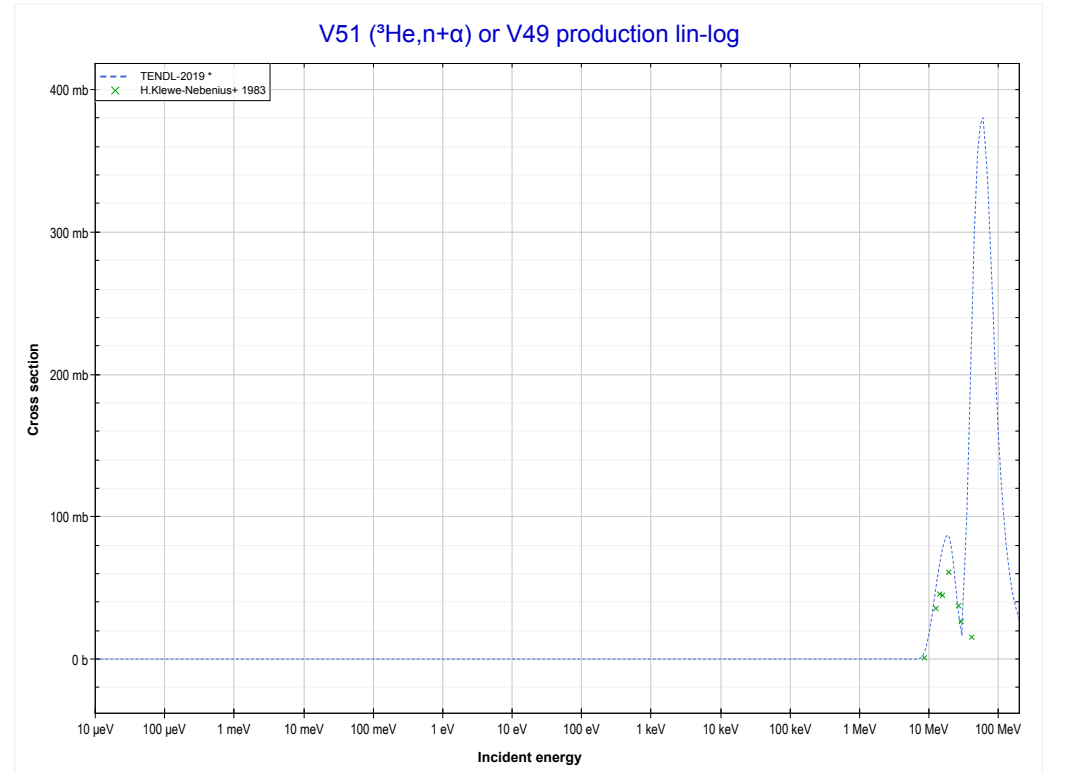
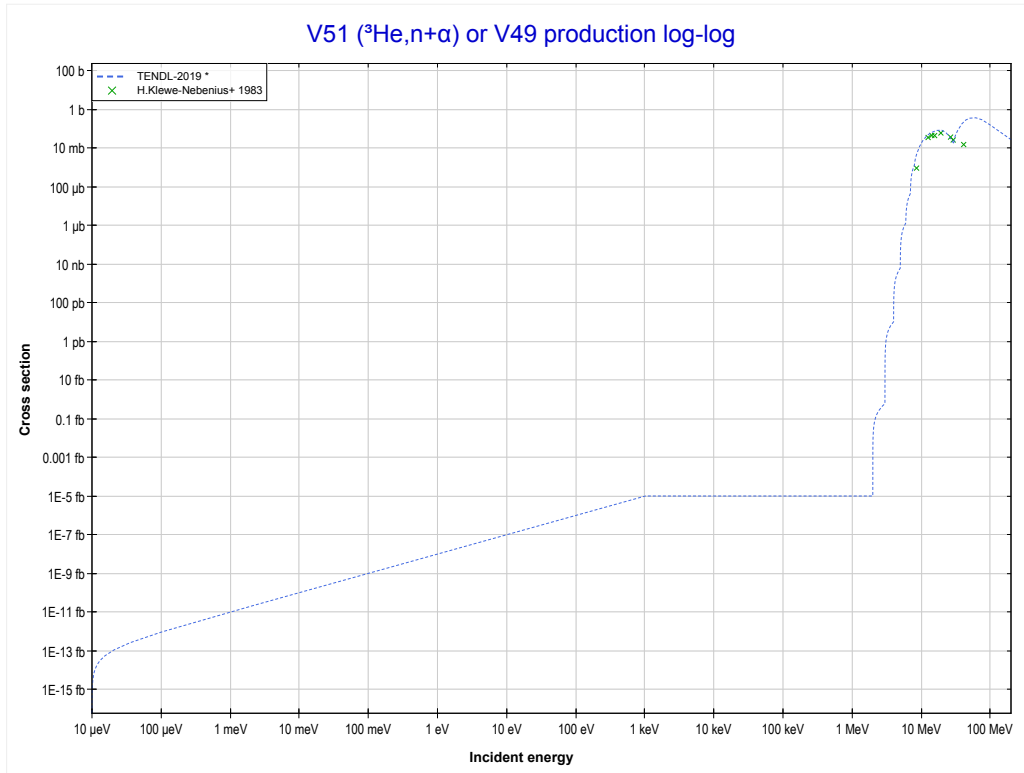
Reaction	Q-Value
Sc45(He3,n+α)Sc43	-448.81 keV
Sc45(He3,d+t)Sc43	-18038.11 keV
Sc45(He3,n+p+t)Sc43	-20262.68 keV
Sc45(He3,2n+He3)Sc43	-21026.43 keV
Sc45(He3,n+2d)Sc43	-24295.34 keV
Sc45(He3,2n+p+d)Sc43	-26519.91 keV
Sc45(He3,3n+2p)Sc43	-28744.47 keV

<< 14-Si-28	21-Sc-45	25-Mn-55 >>
<< MT184 (³ He,n+p+t)	MT190 (³He,2n+2p) or MT5 (Sc44 production)	23-V-51 MT22 (³ He,n+α) >>



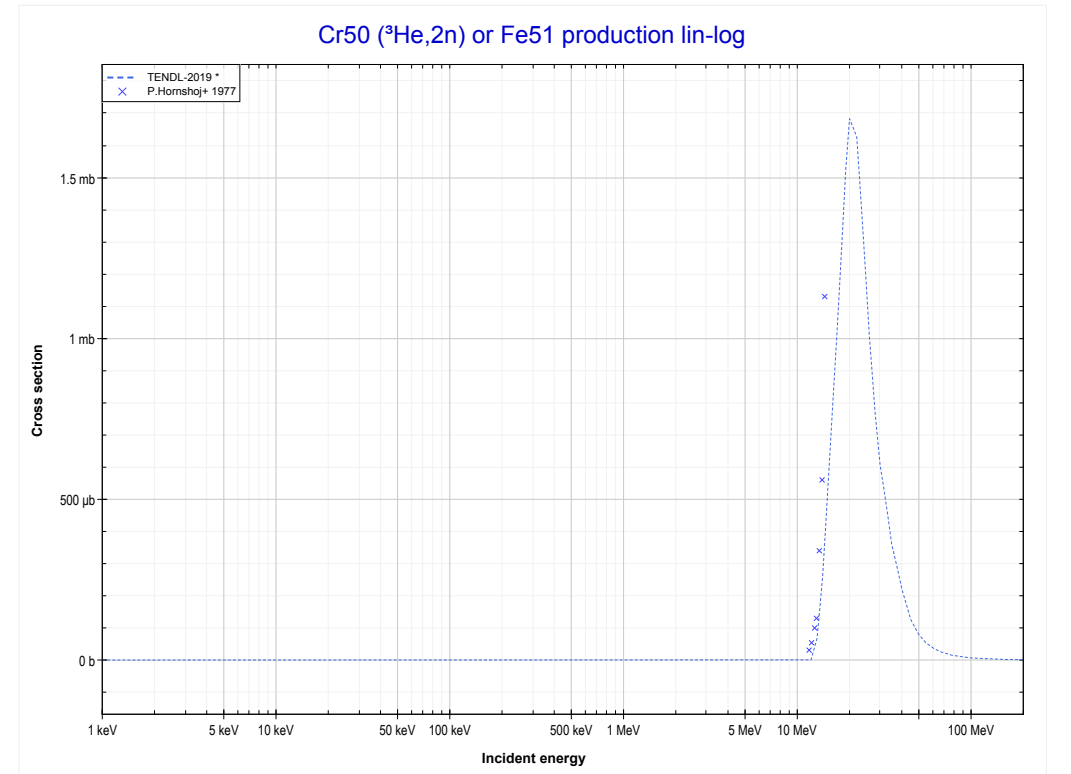
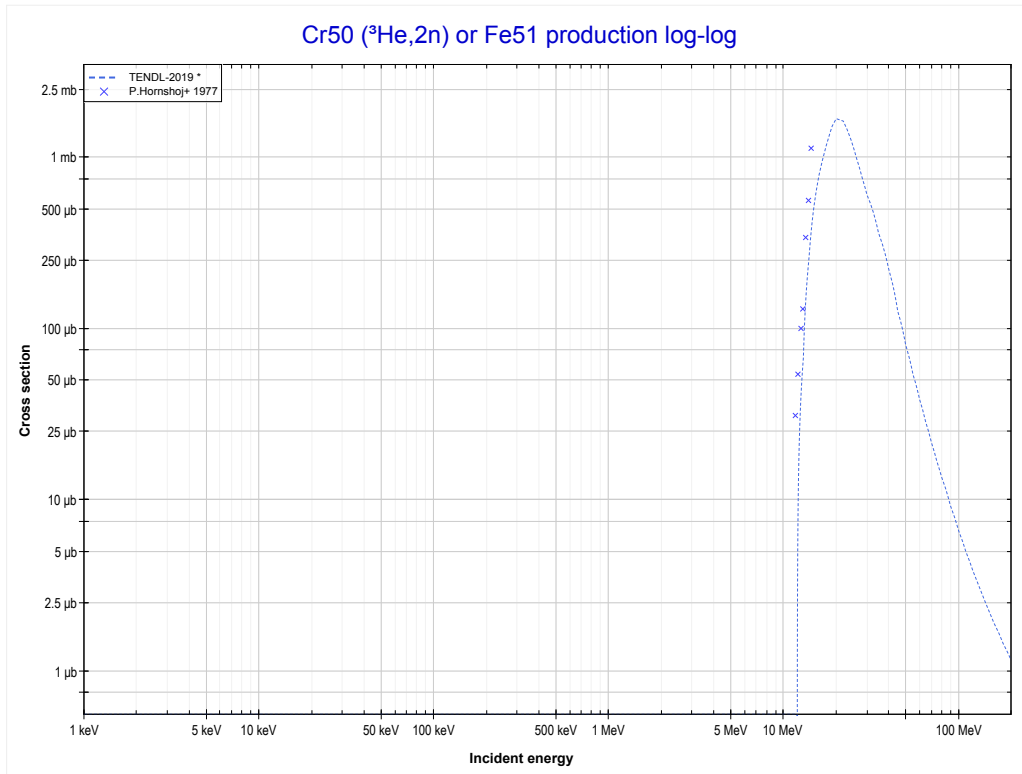
Reaction	Q-Value
Sc45(He3,α)Sc44	9250.40 keV
Sc45(He3,p+t)Sc44	-10563.46 keV
Sc45(He3,n+He3)Sc44	-11327.22 keV
Sc45(He3,2d)Sc44	-14596.13 keV
Sc45(He3,n+p+d)Sc44	-16820.69 keV
Sc45(He3,2n+2p)Sc44	-19045.26 keV

<< 21-Sc-45	23-V-51	27-Co-59 >>
<< 21-Sc-45 MT190 (³ He,2n+2p)	MT22 (³He,n+α) or MT5 (V49 production)	24-Cr-50 MT16 (³ He,2n) >>



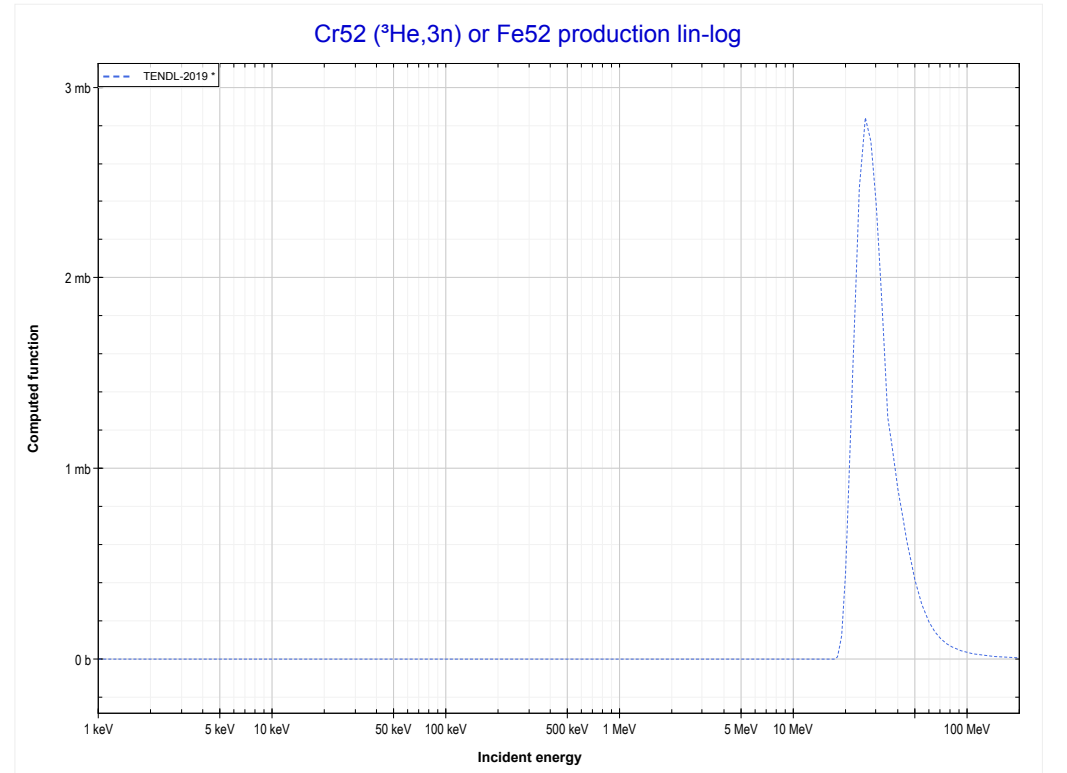
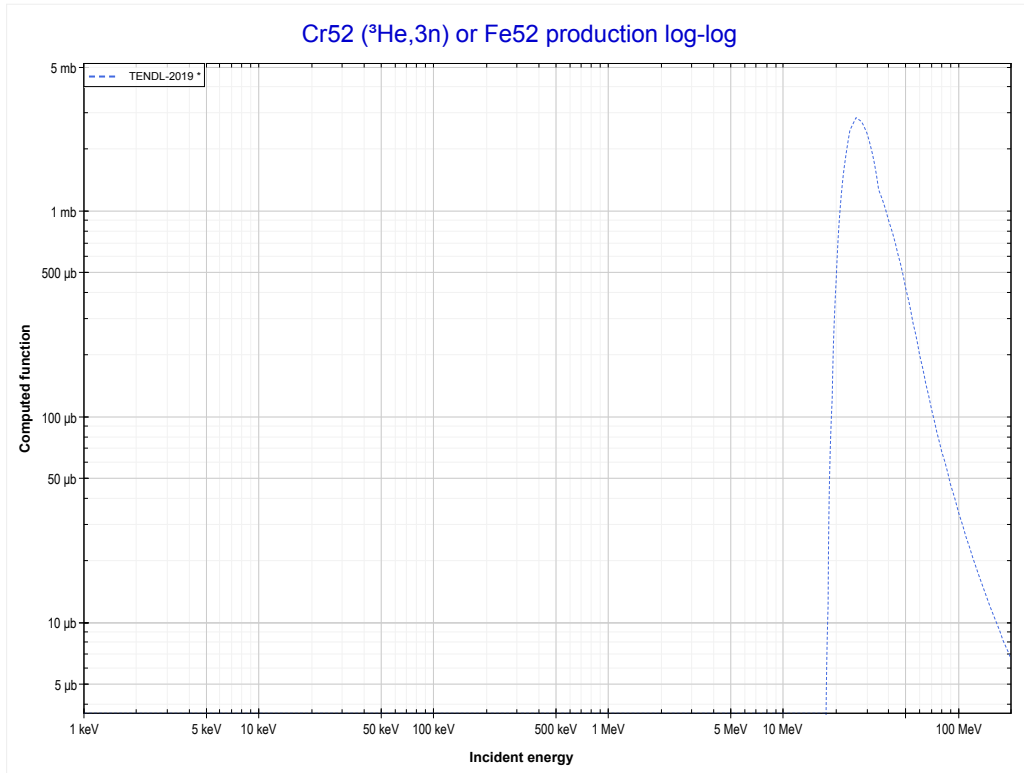
Reaction	Q-Value
V51(He3,n+α)V49	193.09 keV
V51(He3,d+t)V49	-17396.21 keV
V51(He3,n+p+t)V49	-19620.78 keV
V51(He3,2n+He3)V49	-20384.53 keV
V51(He3,n+2d)V49	-23653.44 keV
V51(He3,2n+p+d)V49	-25878.01 keV
V51(He3,3n+2p)V49	-28102.57 keV

<< 17-CI-37	24-Cr-50	25-Mn-55 >>
<< 23-V-51 MT22 ($^3\text{He},n+\alpha$)	MT16 ($^3\text{He},2n$) or MT5 (Fe51 production)	24-Cr-52 MT17 ($^3\text{He},3n$) >>



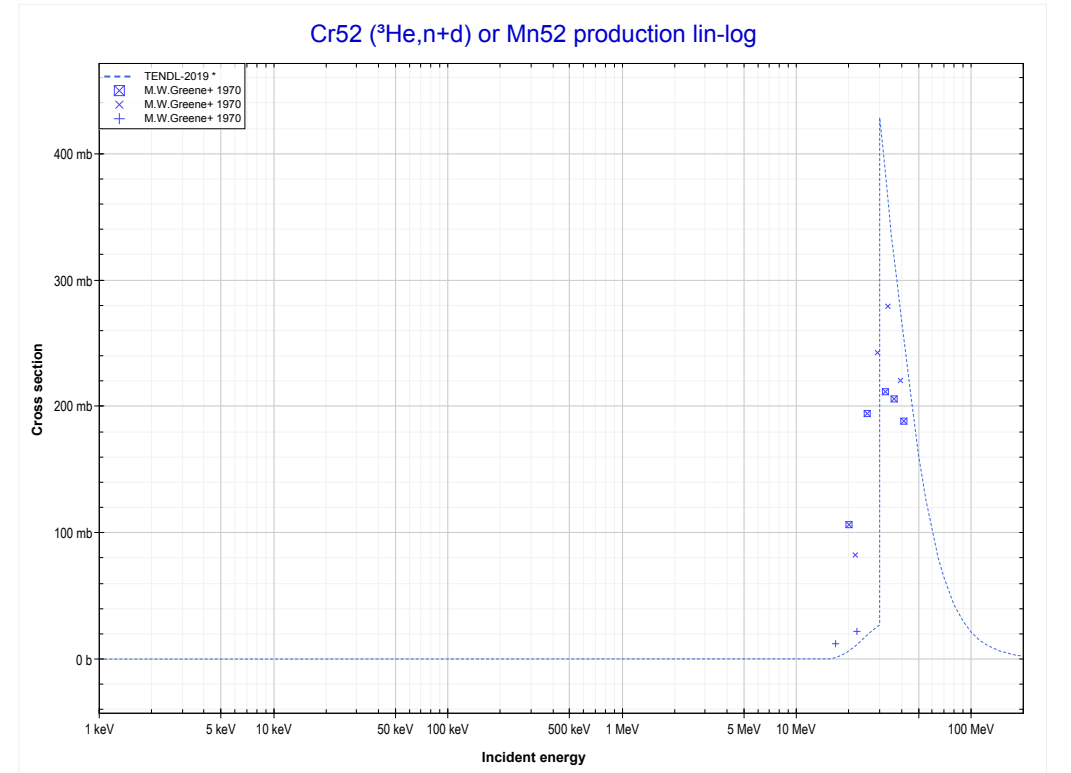
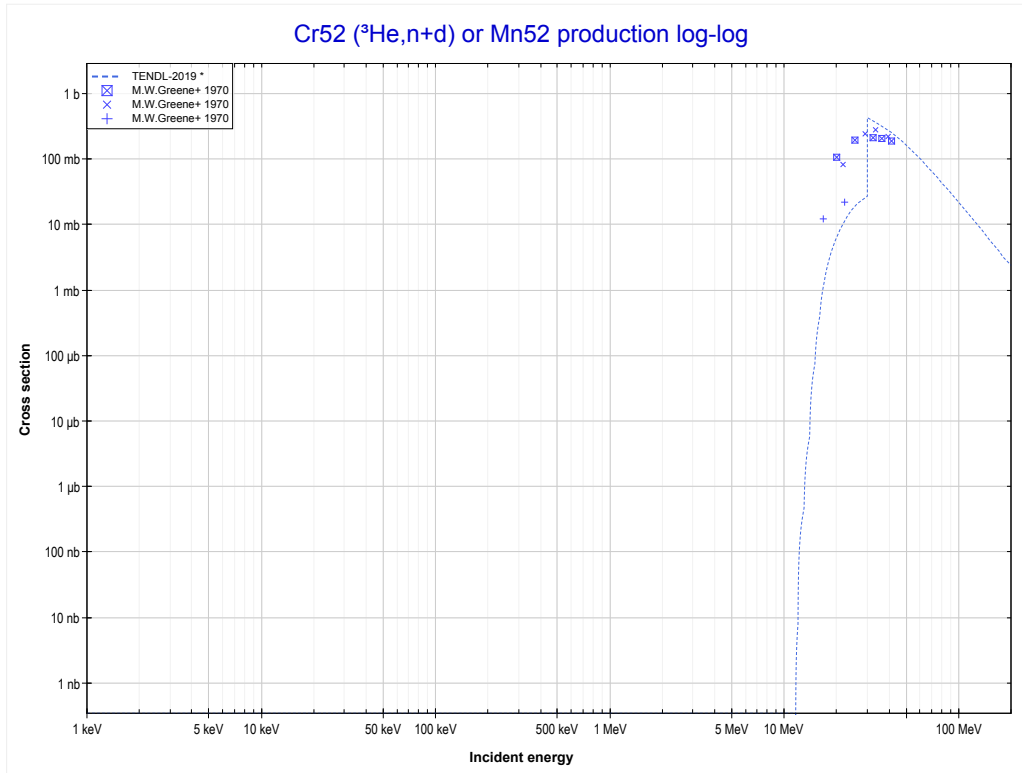
Reaction	Q-Value
Cr50(He3,2n)Fe51	-11270.52 keV

	24-Cr-52	25-Mn-55 >>
<< 24-Cr-50 MT16 (³He,2n)	MT17 (³He,3n) or MT5 (Fe52 production)	MT32 (³He,n+d) >>



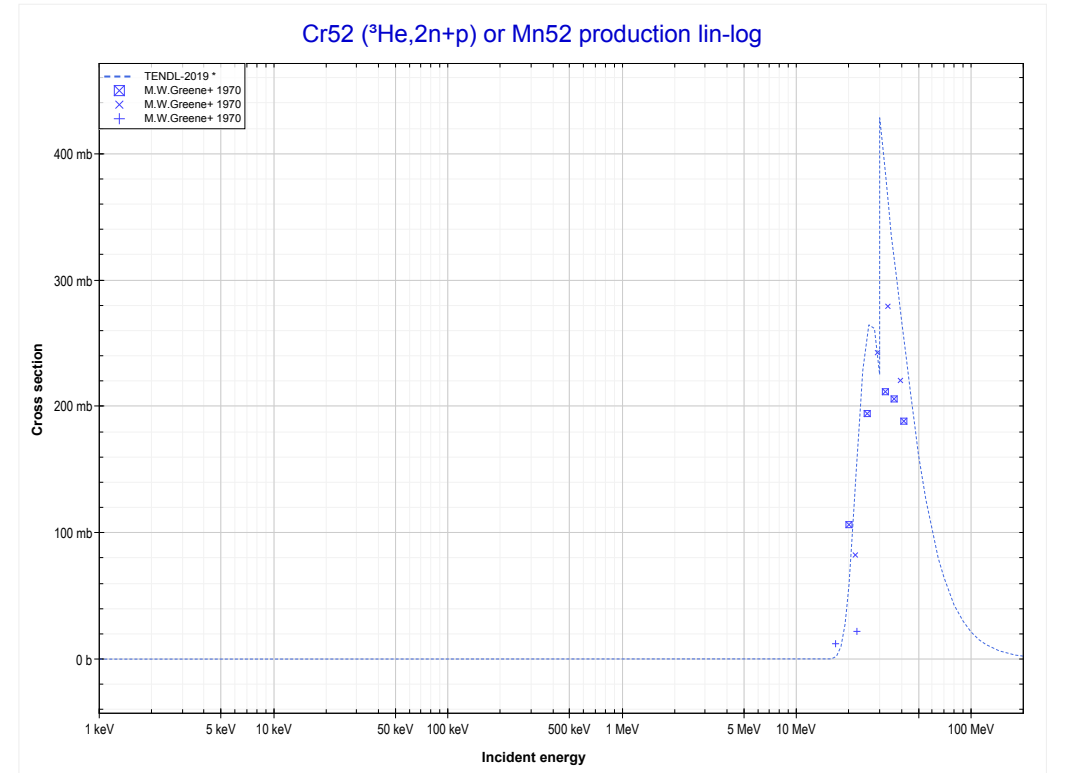
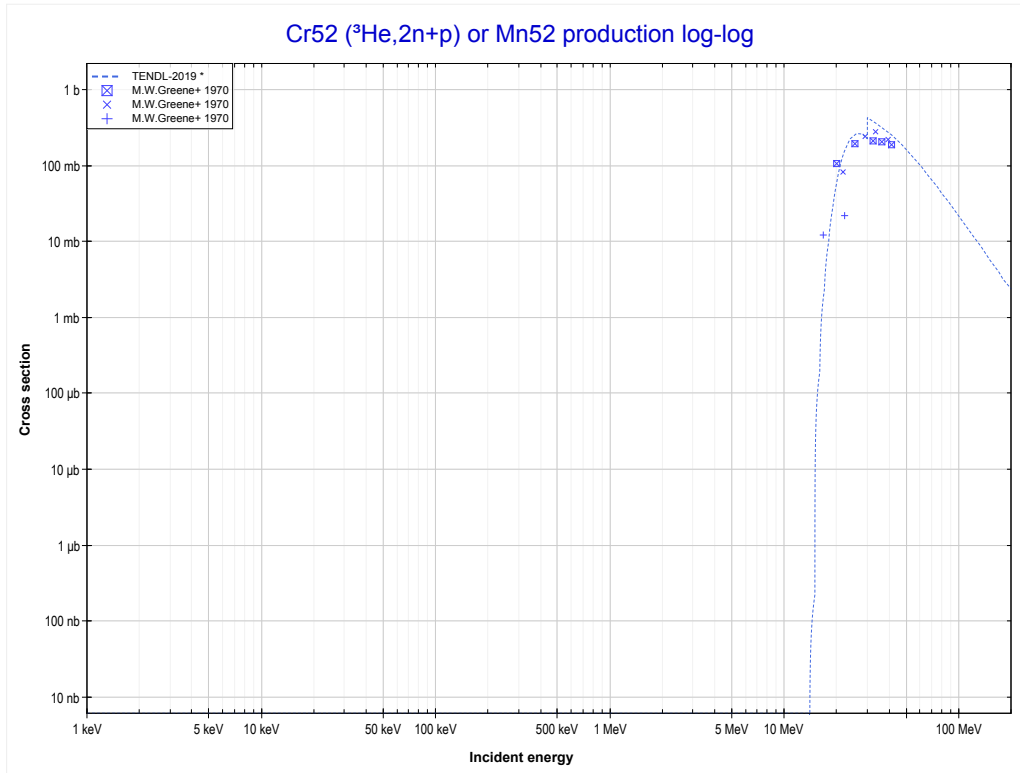
Reaction	Q-Value
Cr52(He3,3n)Fe52	-16371.93 keV

<< 21-Sc-45	24-Cr-52	26-Fe-56 >>
<< MT17 (³ He,3n)	MT32 (³He,n+d) or MT5 (Mn52 production)	MT41 (³ He,2n+p) >>



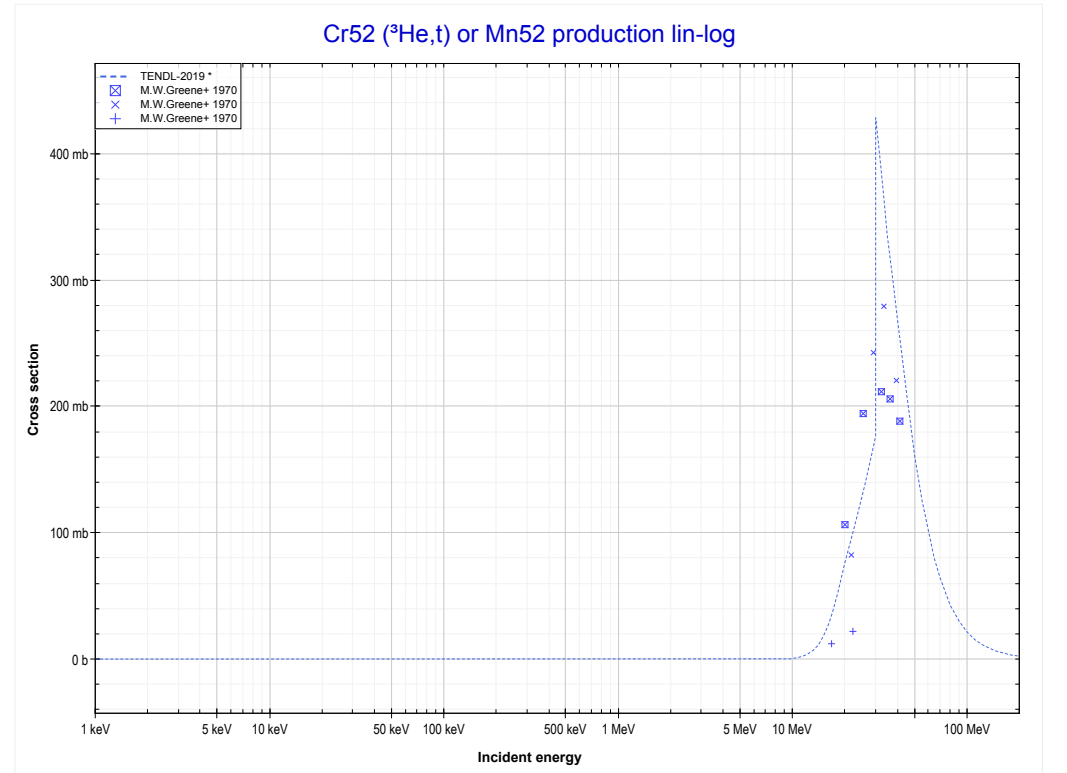
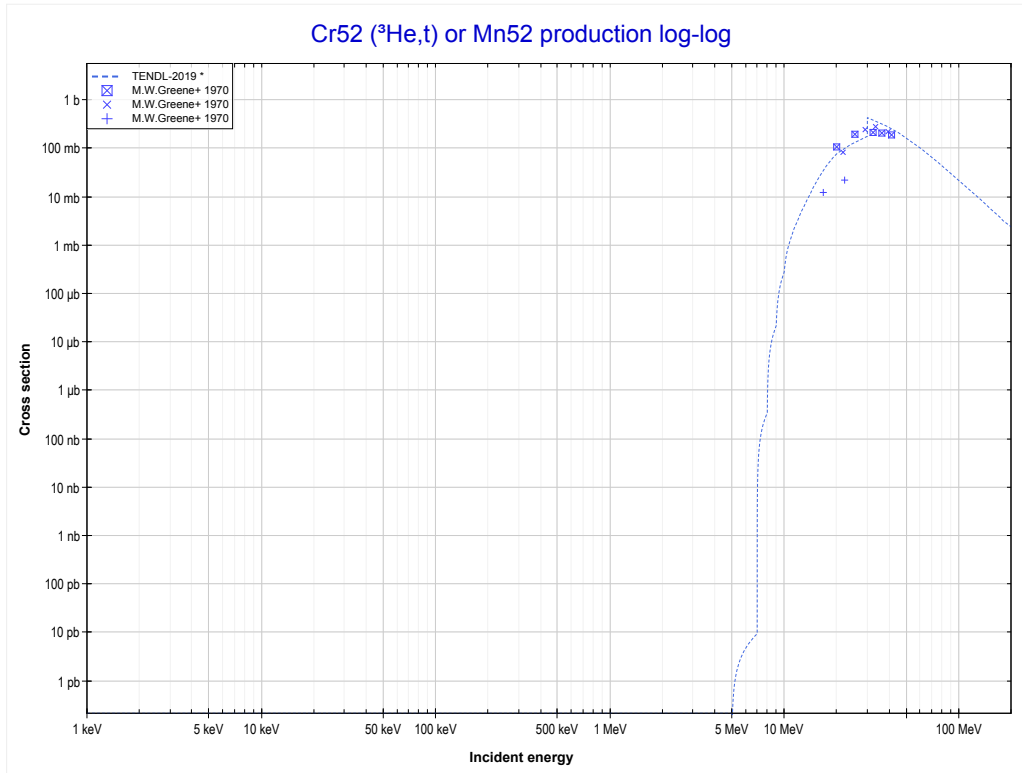
Reaction	Q-Value
Cr52(He3,t)Mn52	-4730.49 keV
Cr52(He3,n+d)Mn52	-10987.72 keV
Cr52(He3,2n+p)Mn52	-13212.29 keV

<< 21-Sc-45	24-Cr-52	26-Fe-56 >>
<< MT32 (³ He,n+d)	MT41 (³He,2n+p) or MT5 (Mn52 production)	MT105 (³ He,t) >>



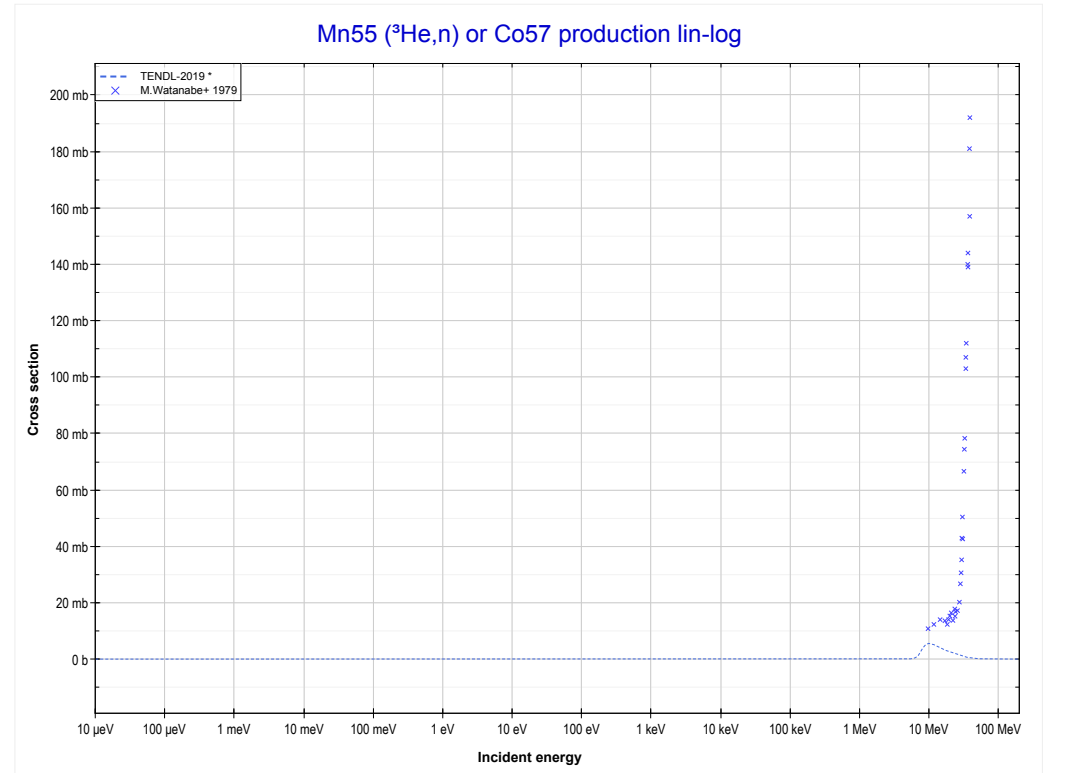
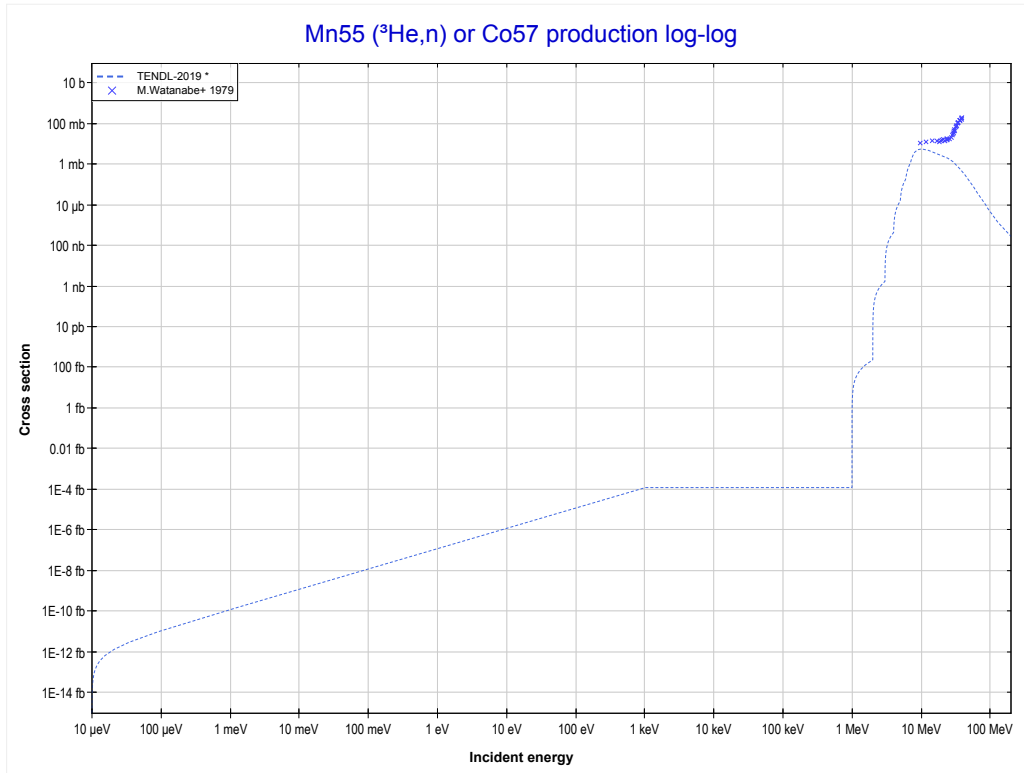
Reaction	Q-Value
Cr52(He3,t)Mn52	-4730.49 keV
Cr52(He3,n+d)Mn52	-10987.72 keV
Cr52(He3,2n+p)Mn52	-13212.29 keV

<< 21-Sc-45	24-Cr-52	26-Fe-56 >>
<< MT41 ($^3\text{He},2n+p$)	MT105 ($^3\text{He},t$) or MT5 (Mn52 production)	25-Mn-55 MT4 ($^3\text{He},n$) >>



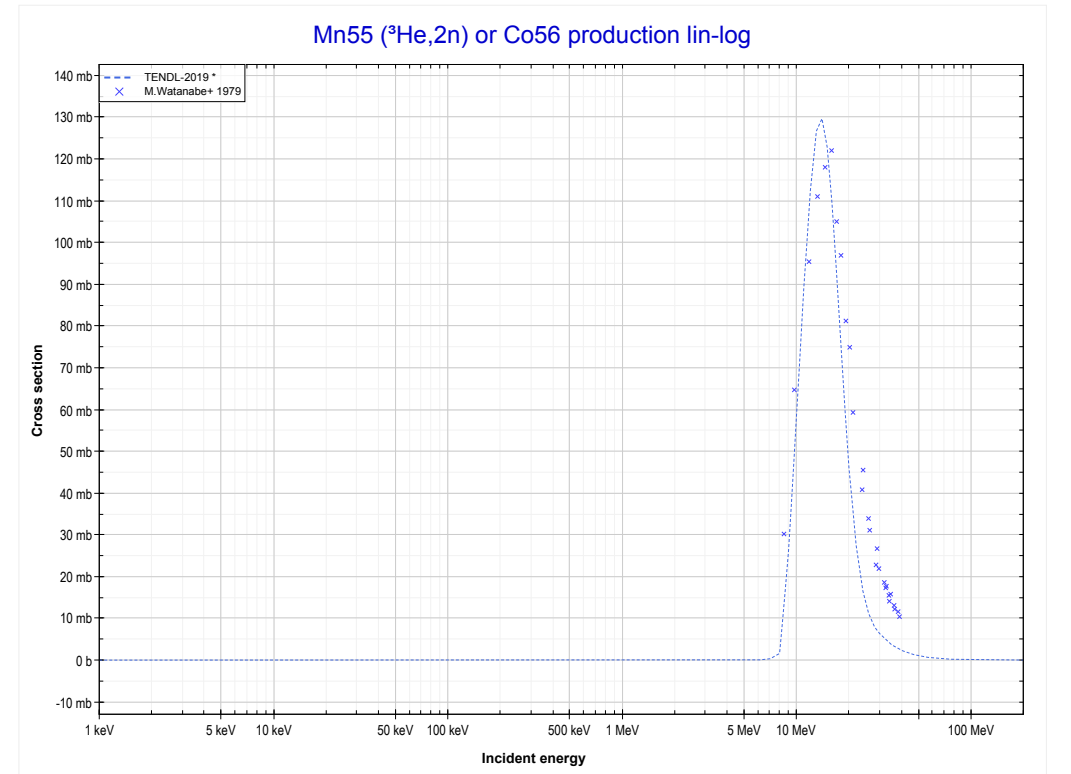
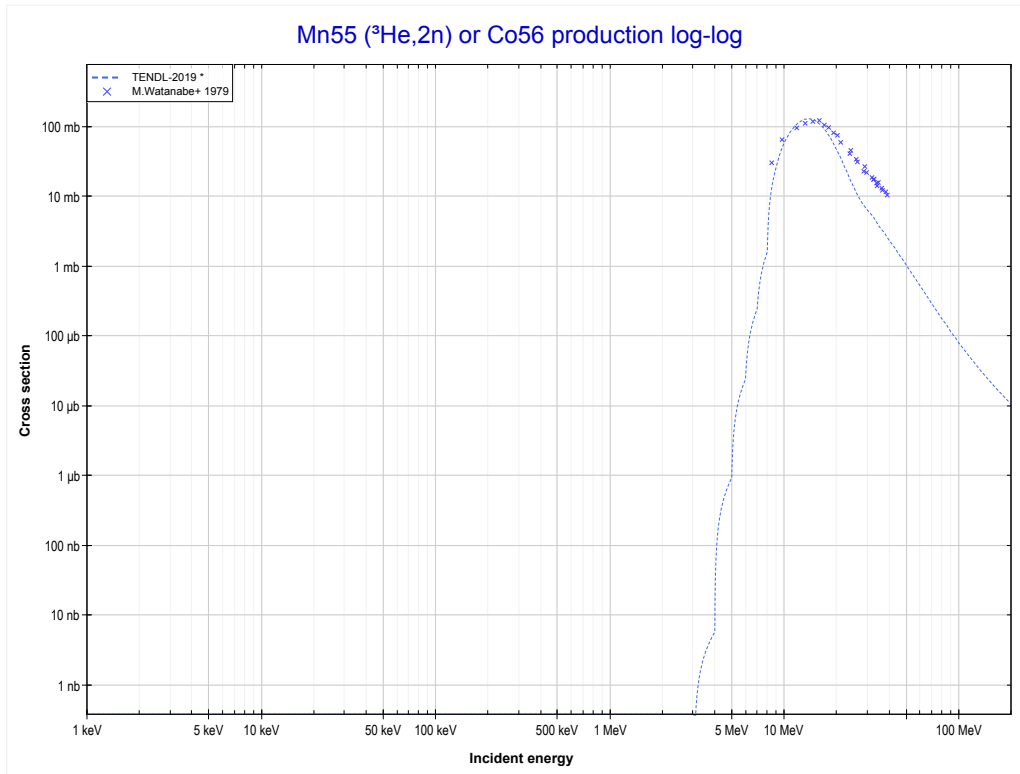
Reaction	Q-Value
Cr52(He3,t)Mn52	-4730.49 keV
Cr52(He3,n+d)Mn52	-10987.72 keV
Cr52(He3,2n+p)Mn52	-13212.29 keV

<< 14-Si-28	25-Mn-55	27-Co-59 >>
<< 24-Cr-52 MT105 (³ He,t)	MT4 (³He,n) or MT5 (Co57 production)	MT16 (³ He,2n) >>



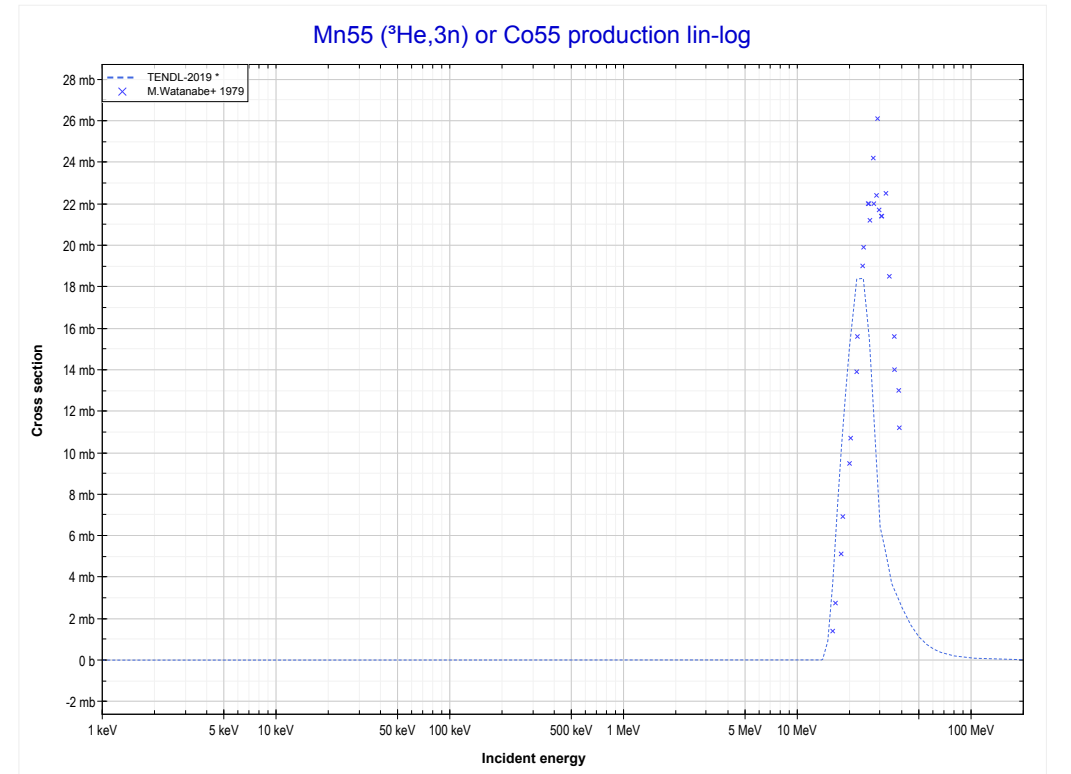
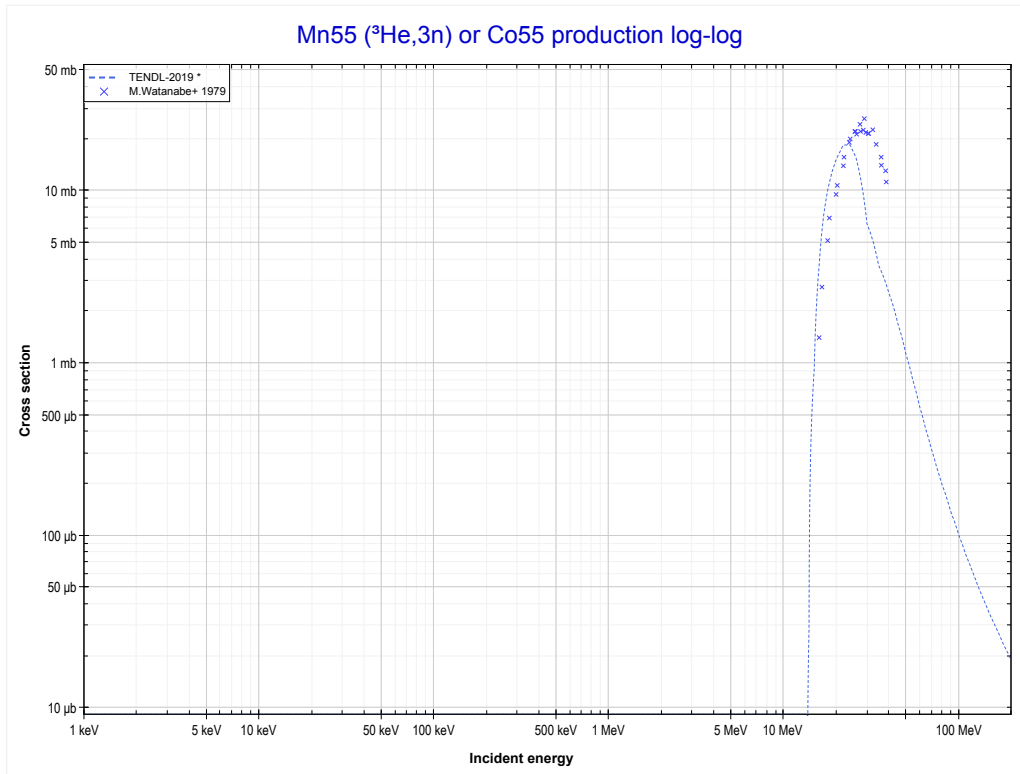
Reaction	Q-Value
Mn55(He3,n)Co57	8493.10 keV

<< 24-Cr-50	25-Mn-55	26-Fe-54 >>
<< MT4 ($^3\text{He},n$)	MT16 ($^3\text{He},2n$) or MT5 (Co56 production)	MT17 ($^3\text{He},3n$) >>



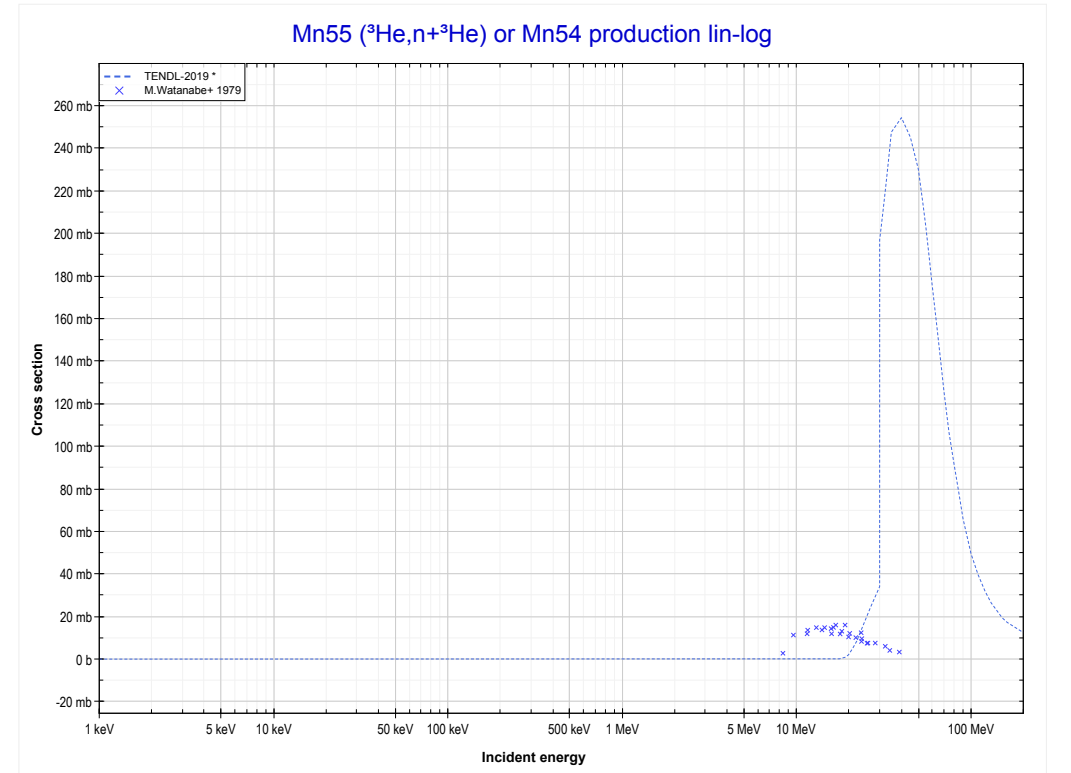
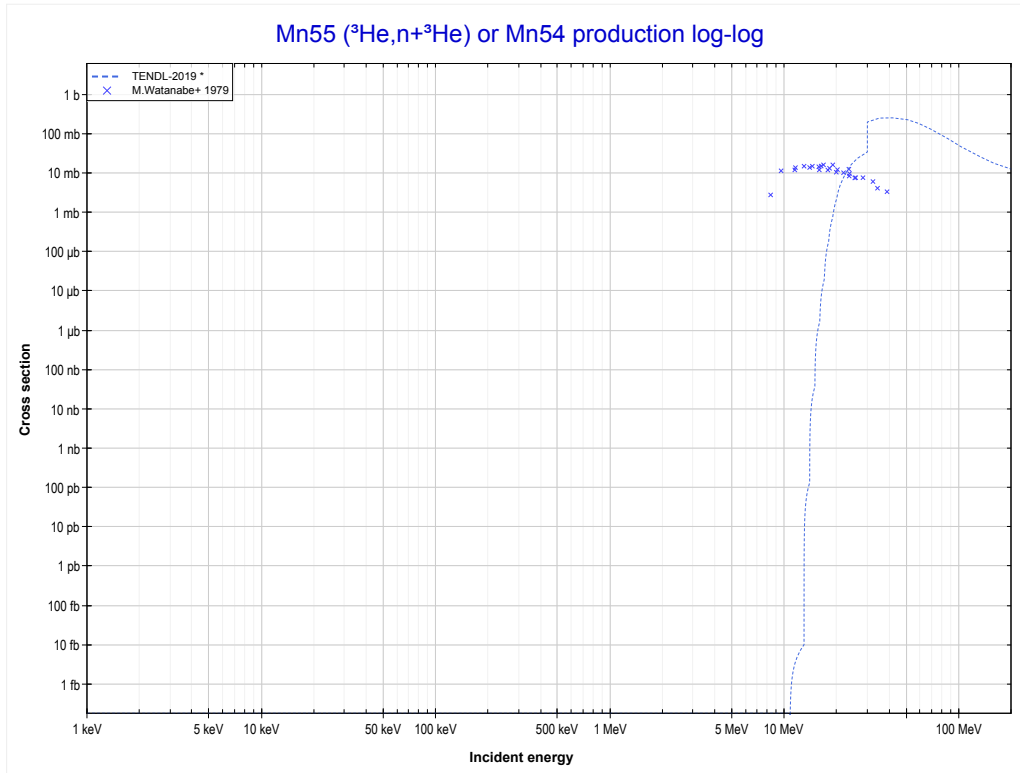
Reaction	Q-Value
Mn55(He3,2n)Co56	-2883.42 keV

<< 24-Cr-52	25-Mn-55	26-Fe-56 >>
<< MT16 ($^3\text{He},2n$)	MT17 ($^3\text{He},3n$) or MT5 (Co55 production)	MT34 ($^3\text{He},n+^3\text{He}$) >>



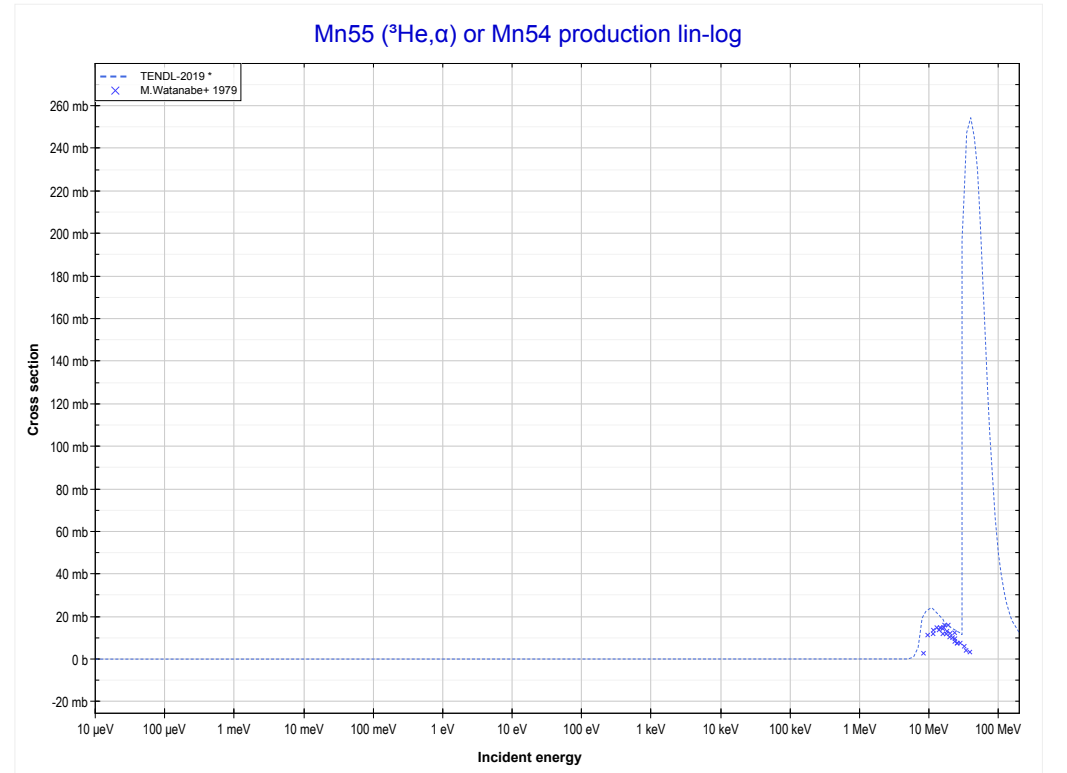
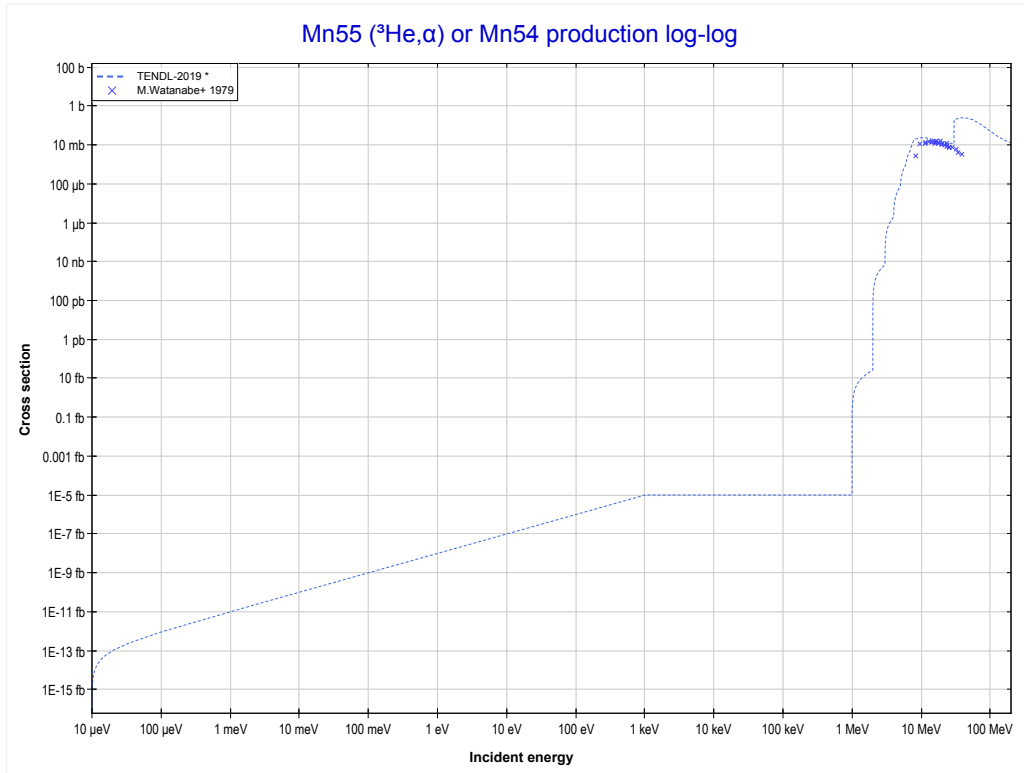
Reaction	Q-Value
Mn55(He3,3n)Co55	-12965.23 keV

<< 21-Sc-45	25-Mn-55	27-Co-59 >>
<< MT17 (³ He,3n)	MT34 (³He,n+³He) or MT5 (Mn54 production)	MT107 (³ He,α) >>



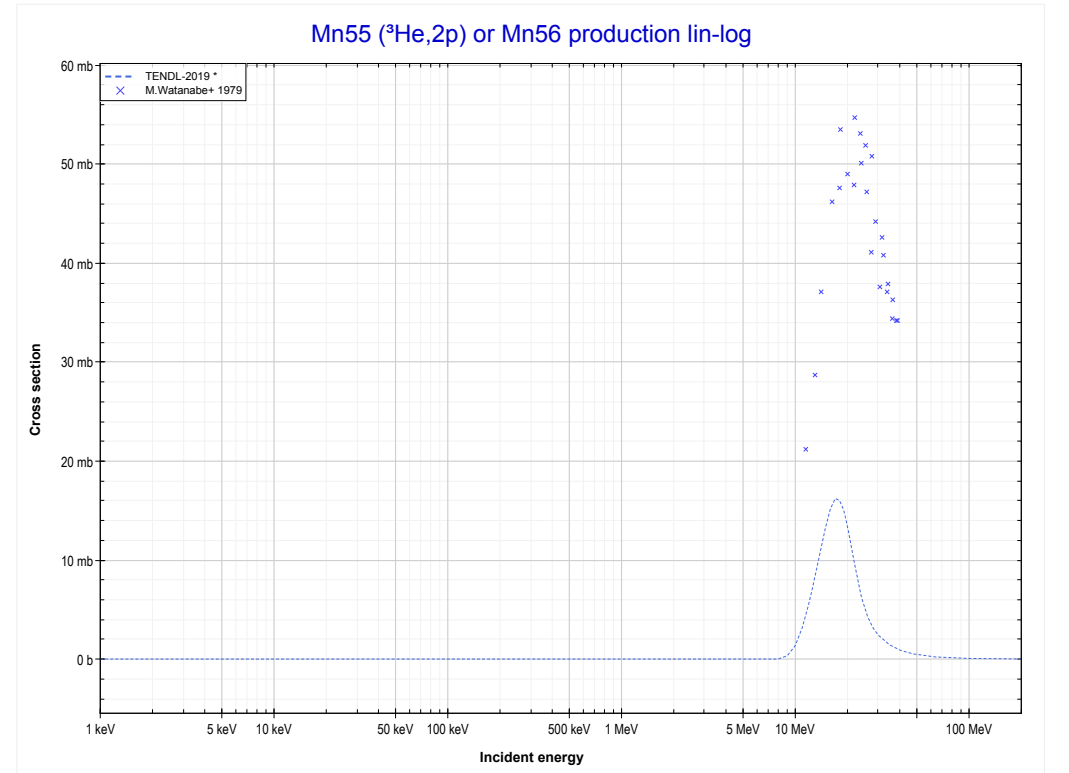
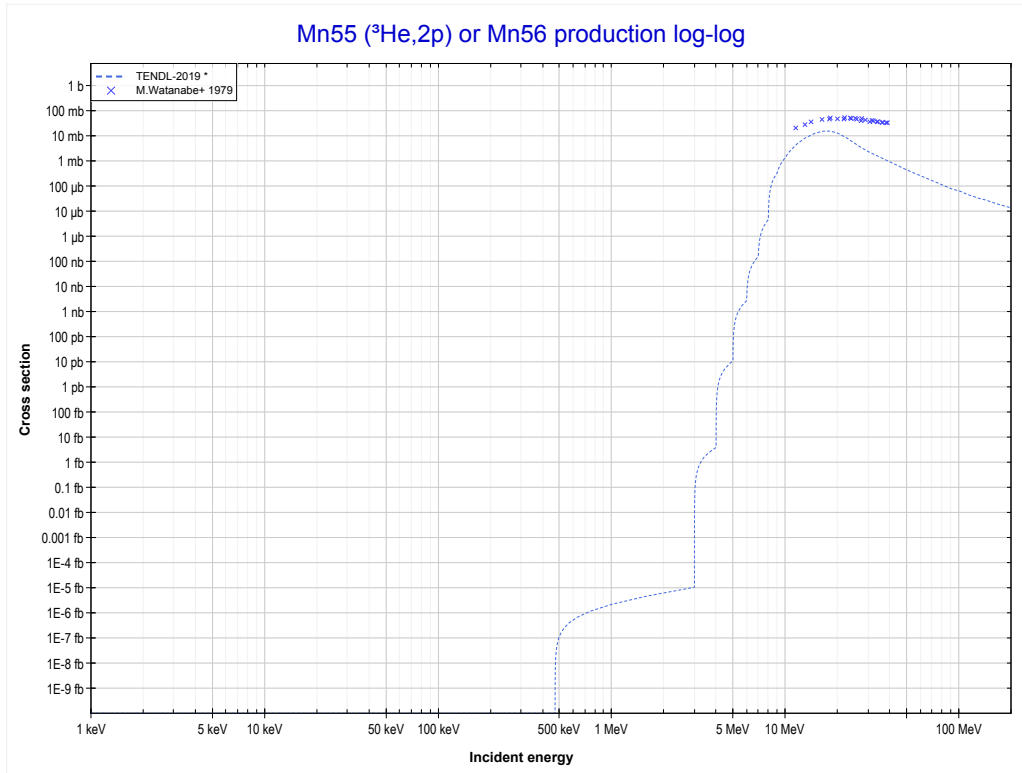
Reaction	Q-Value
Mn55(He3,α)Mn54	10351.50 keV
Mn55(He3,p+t)Mn54	-9462.36 keV
Mn55(He3,n+He3)Mn54	-10226.12 keV
Mn55(He3,2d)Mn54	-13495.03 keV
Mn55(He3,n+p+d)Mn54	-15719.59 keV
Mn55(He3,2n+2p)Mn54	-17944.16 keV

<< 21-Sc-45	25-Mn-55	27-Co-59 >>
<< MT34 (³ He,n+ ³ He)	MT107 (³He,α) or MT5 (Mn54 production)	MT111 (³ He,2p) >>



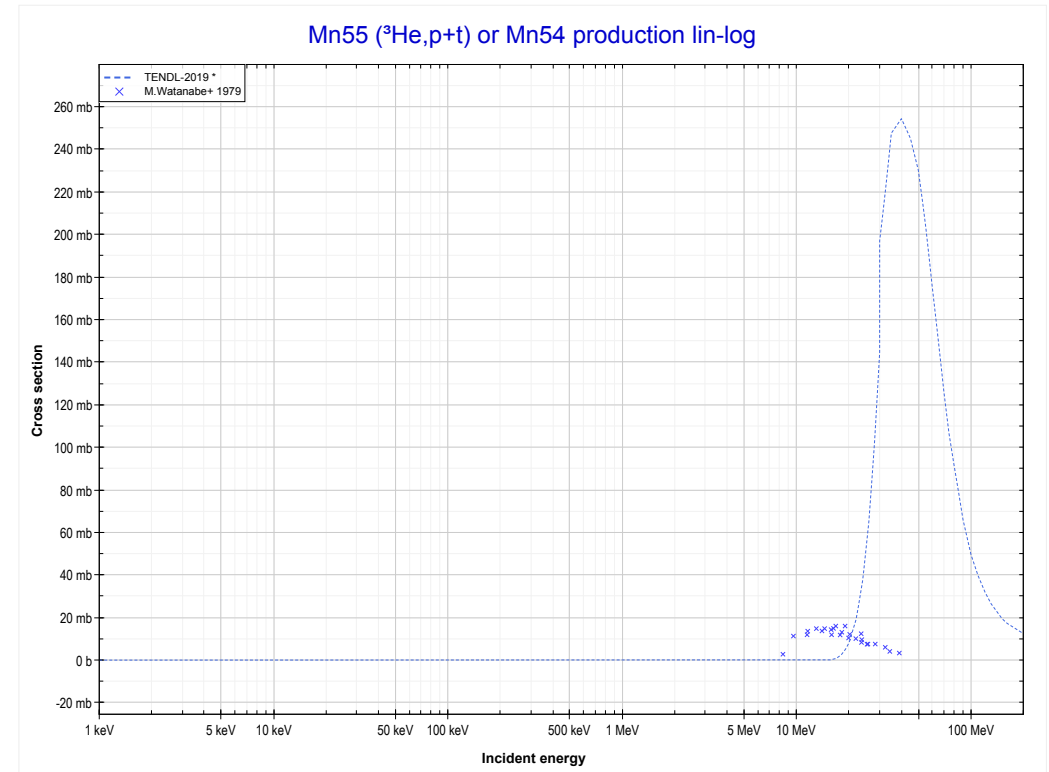
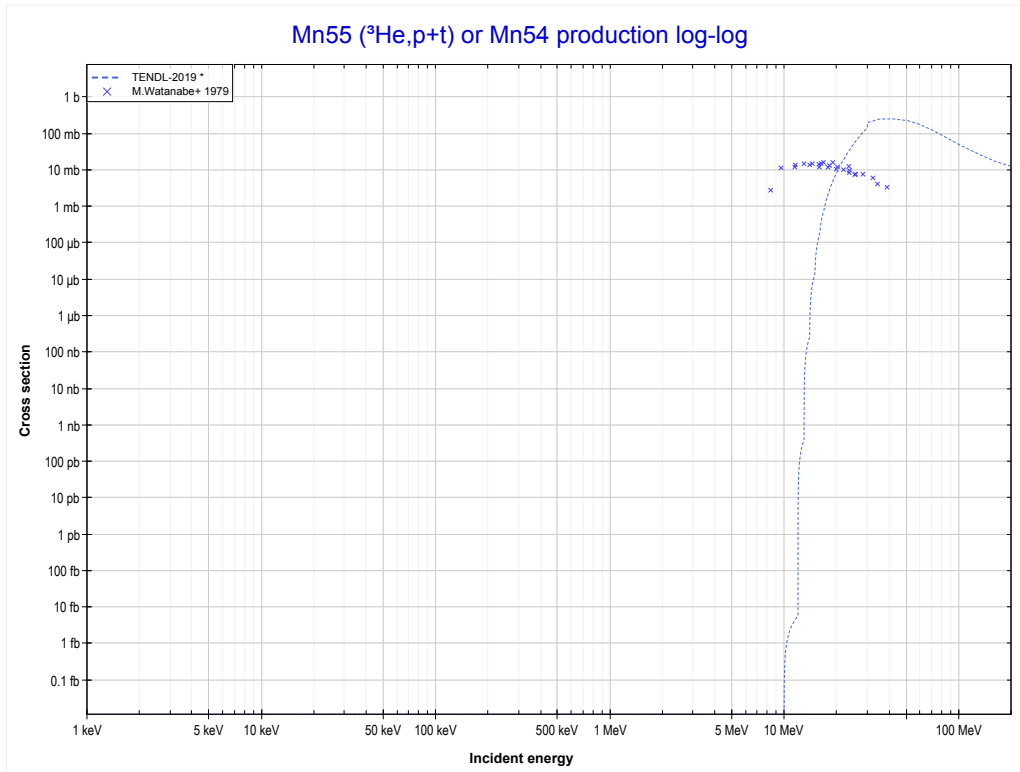
Reaction	Q-Value
Mn55(He3,α)Mn54	10351.50 keV
Mn55(He3,p+t)Mn54	-9462.36 keV
Mn55(He3,n+He3)Mn54	-10226.12 keV
Mn55(He3,2d)Mn54	-13495.03 keV
Mn55(He3,n+p+d)Mn54	-15719.59 keV
Mn55(He3,2n+2p)Mn54	-17944.16 keV

<< 21-Sc-45	25-Mn-55	27-Co-59 >>
<< MT107 ($^3\text{He},\alpha$)	MT111 ($^3\text{He},2p$) or MT5 (Mn56 production)	MT116 ($^3\text{He},p+t$) >>



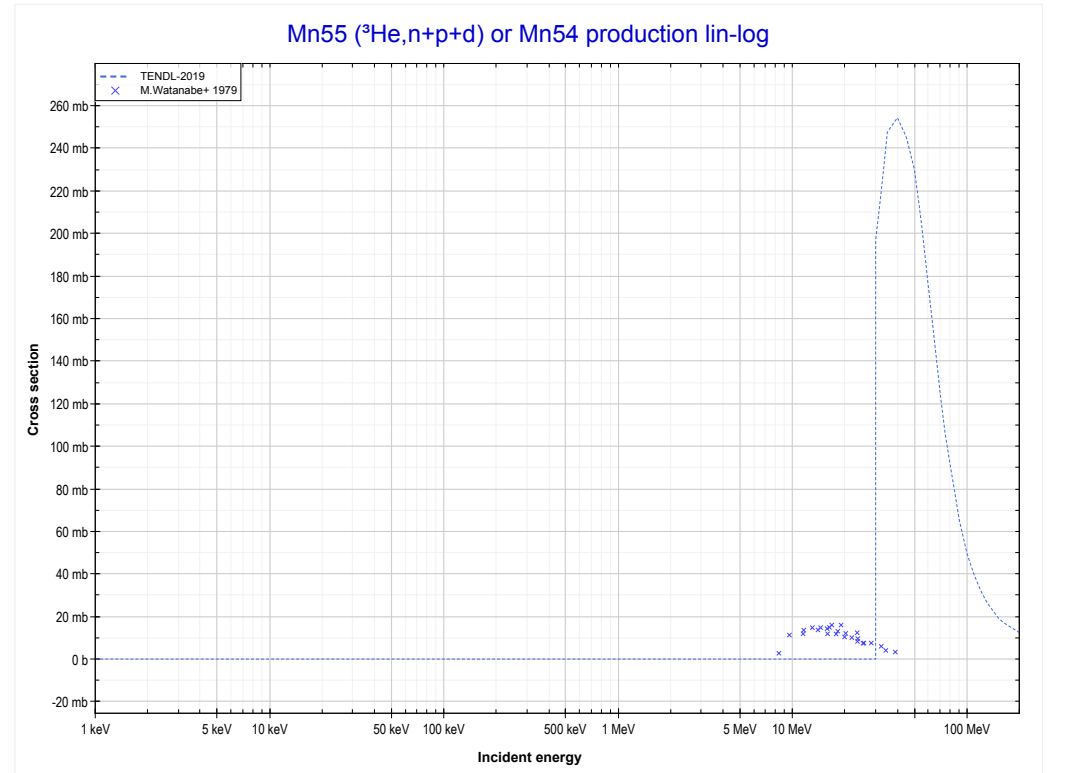
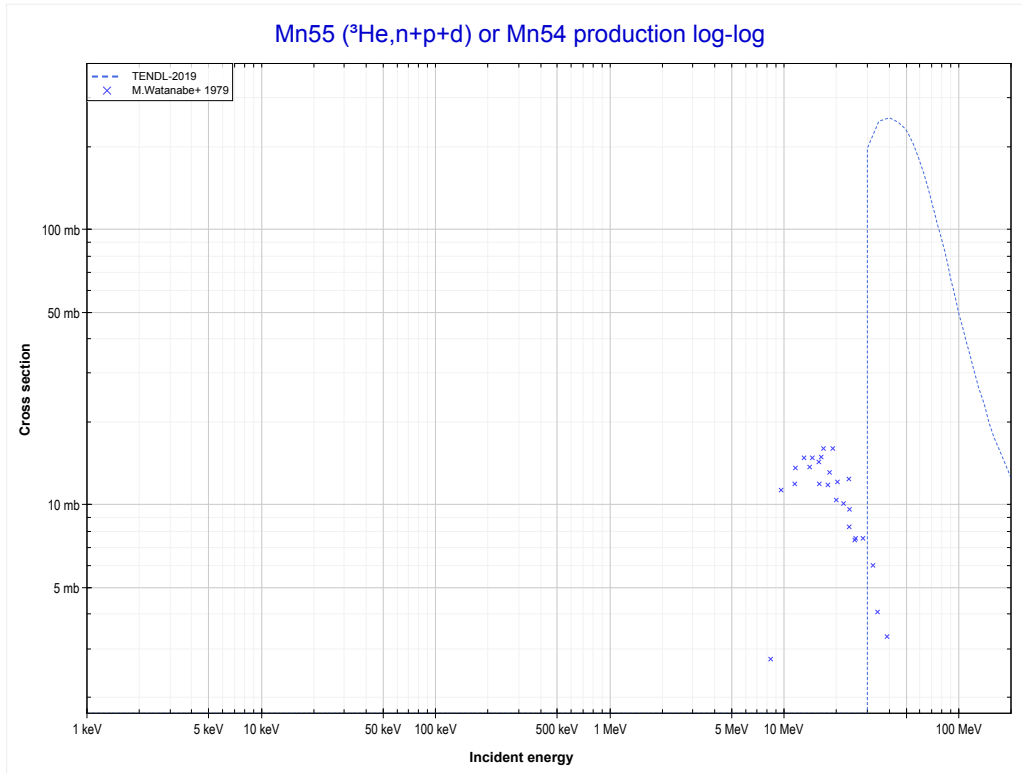
Reaction	Q-Value
Mn55($\text{He}3,2p$)Mn56	-447.62 keV

<< 21-Sc-45	25-Mn-55	27-Co-59 >>
<< MT111 (³ He,2p)	MT116 (³He,p+t) or MT5 (Mn54 production)	MT183 (³ He,n+p+d) >>



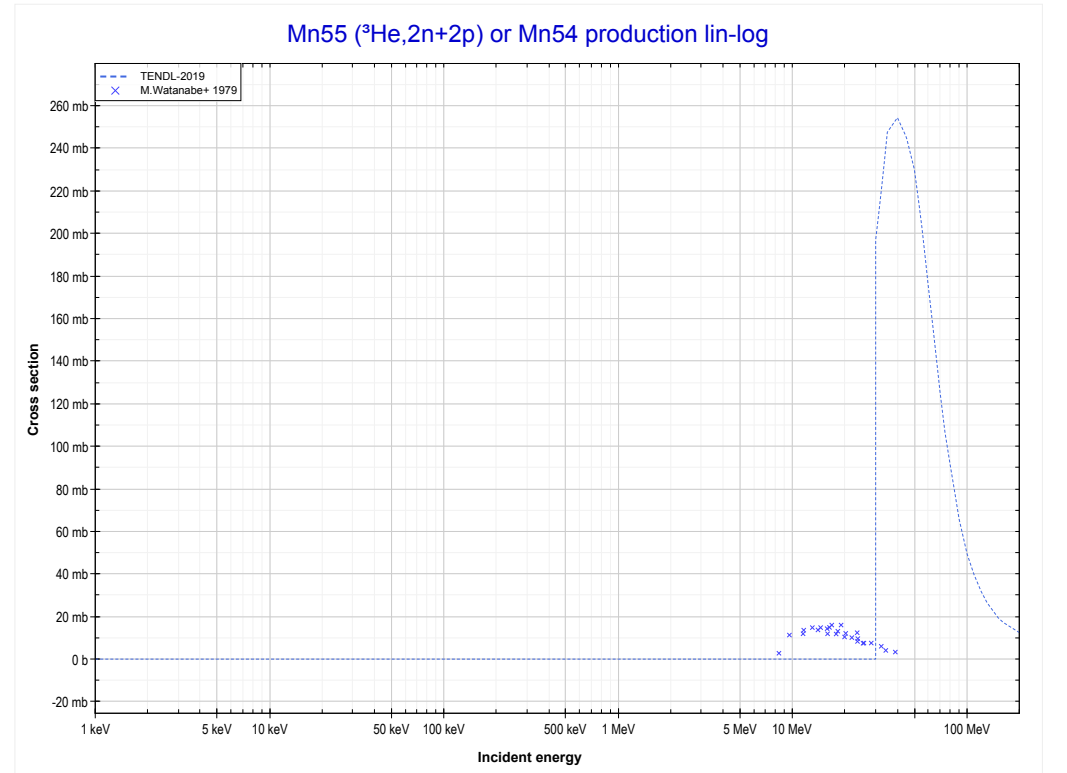
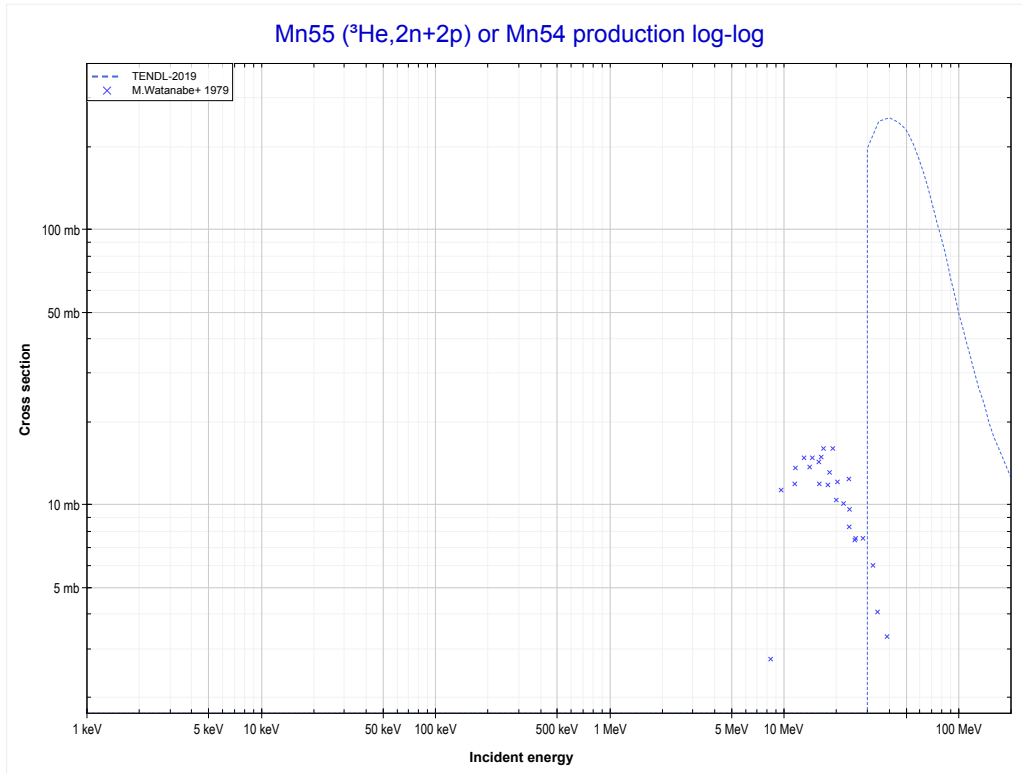
Reaction	Q-Value
Mn55(He3,α)Mn54	10351.50 keV
Mn55(He3,p+t)Mn54	-9462.36 keV
Mn55(He3,n+He3)Mn54	-10226.12 keV
Mn55(He3,2d)Mn54	-13495.03 keV
Mn55(He3,n+p+d)Mn54	-15719.59 keV
Mn55(He3,2n+2p)Mn54	-17944.16 keV

<< 21-Sc-45	25-Mn-55	27-Co-59 >>
<< MT116 (³ He,p+t)	MT183 (³He,n+p+d) or MT5 (Mn54 production)	MT190 (³ He,2n+2p) >>



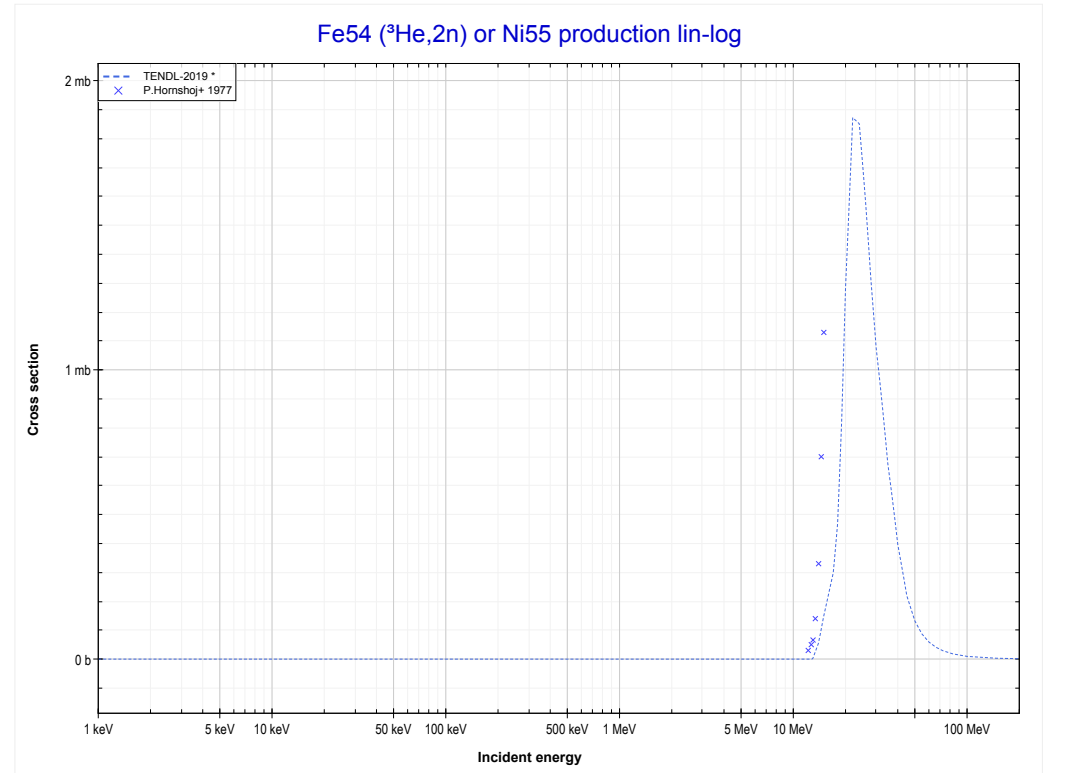
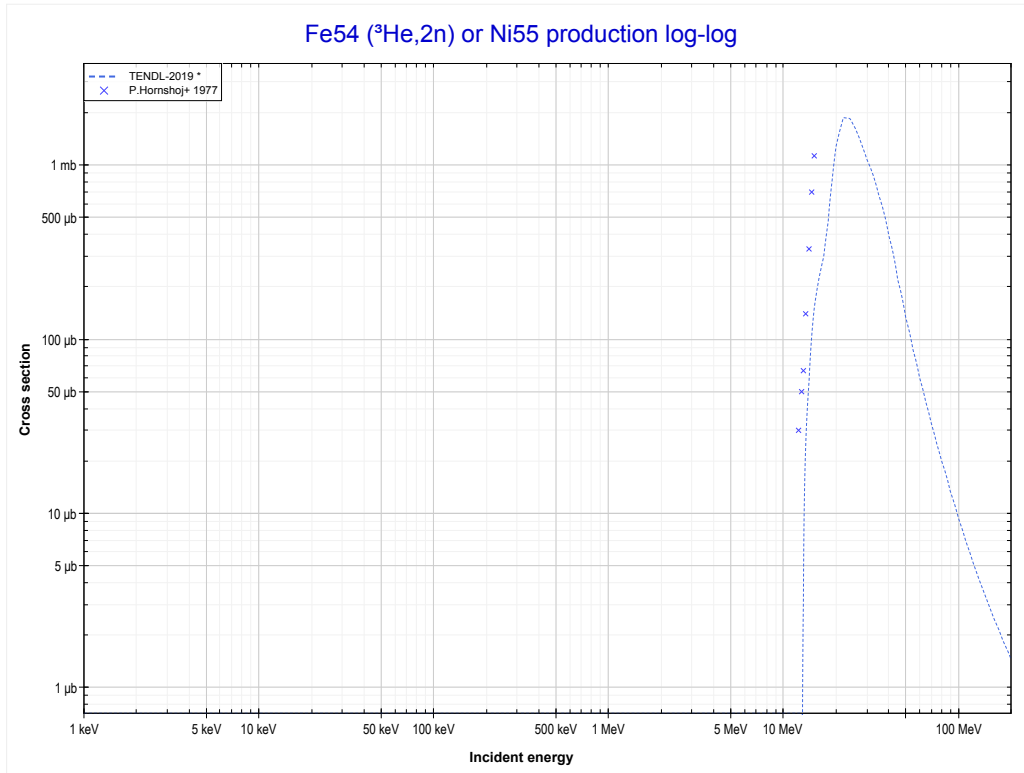
Reaction	Q-Value
Mn55(He3,α)Mn54	10351.50 keV
Mn55(He3,p+t)Mn54	-9462.36 keV
Mn55(He3,n+He3)Mn54	-10226.12 keV
Mn55(He3,2d)Mn54	-13495.03 keV
Mn55(He3,n+p+d)Mn54	-15719.59 keV
Mn55(He3,2n+2p)Mn54	-17944.16 keV

<< 21-Sc-45	25-Mn-55	27-Co-59 >>
<< MT183 (³ He,n+p+d)	MT190 (³He,2n+2p) or MT5 (Mn54 production)	26-Fe-54 MT16 (³ He,2n) >>



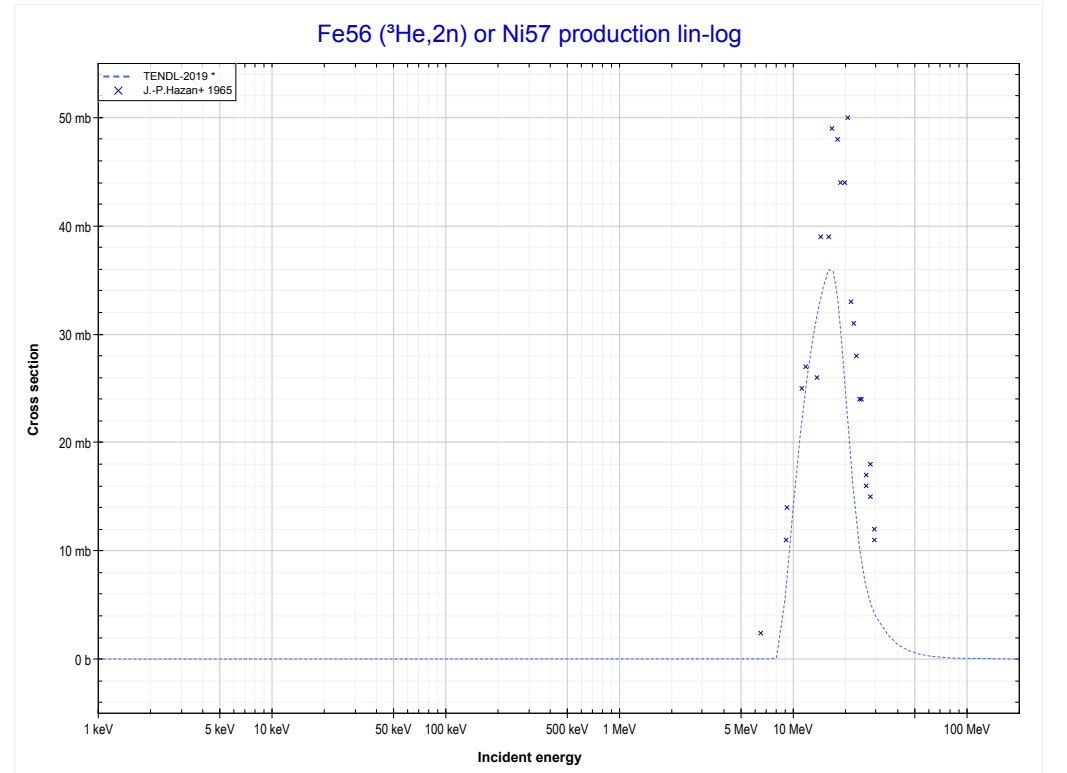
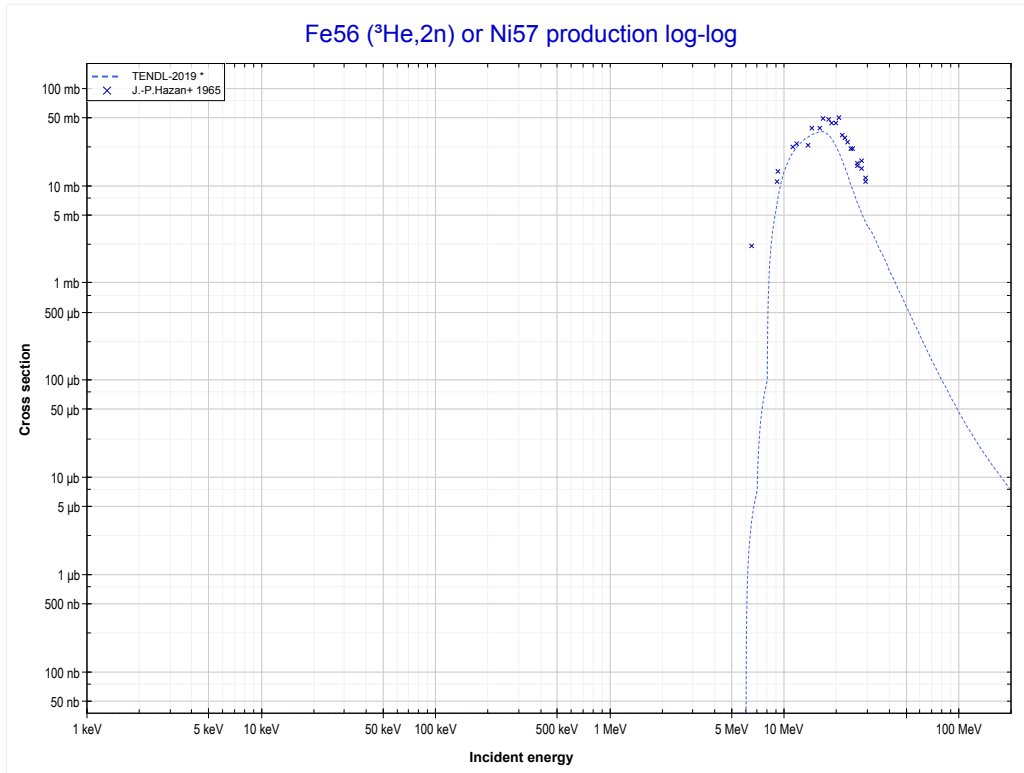
Reaction	Q-Value
Mn55(He3,α)Mn54	10351.50 keV
Mn55(He3,p+t)Mn54	-9462.36 keV
Mn55(He3,n+He3)Mn54	-10226.12 keV
Mn55(He3,2d)Mn54	-13495.03 keV
Mn55(He3,n+p+d)Mn54	-15719.59 keV
Mn55(He3,2n+2p)Mn54	-17944.16 keV

<< 25-Mn-55	26-Fe-54	26-Fe-56 >>
<< 25-Mn-55 MT190 ($^3\text{He},2n+2p$)	MT16 ($^3\text{He},2n$) or MT5 (Ni55 production)	26-Fe-56 MT16 ($^3\text{He},2n$) >>



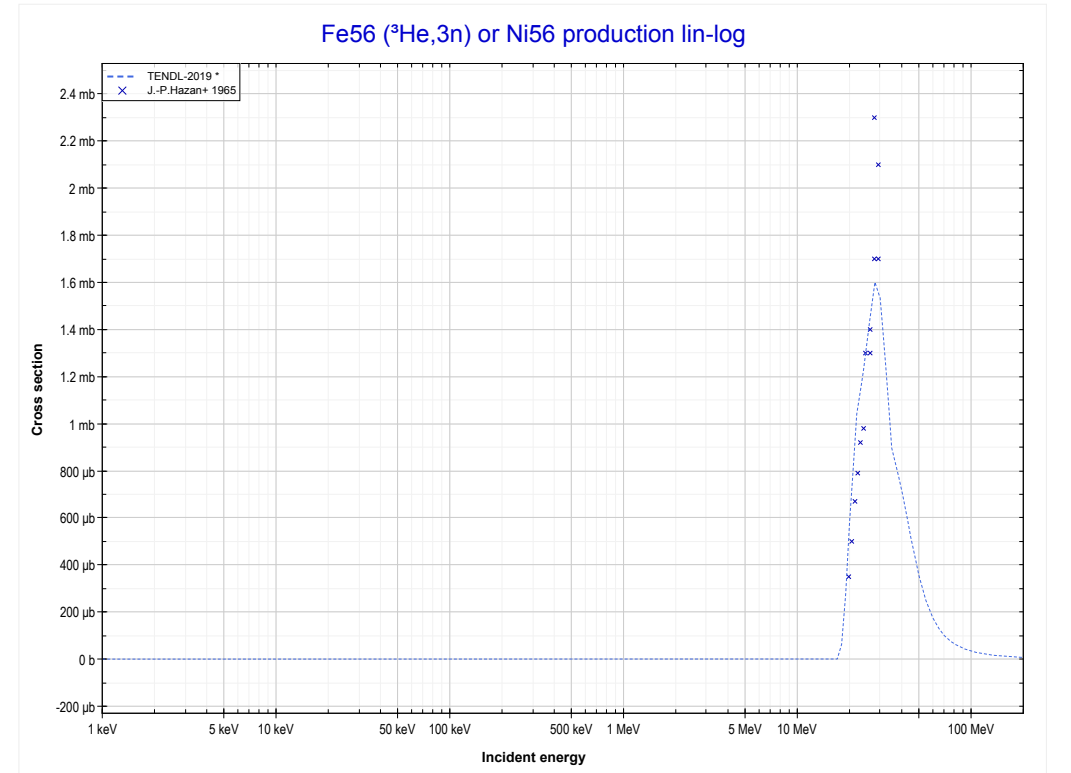
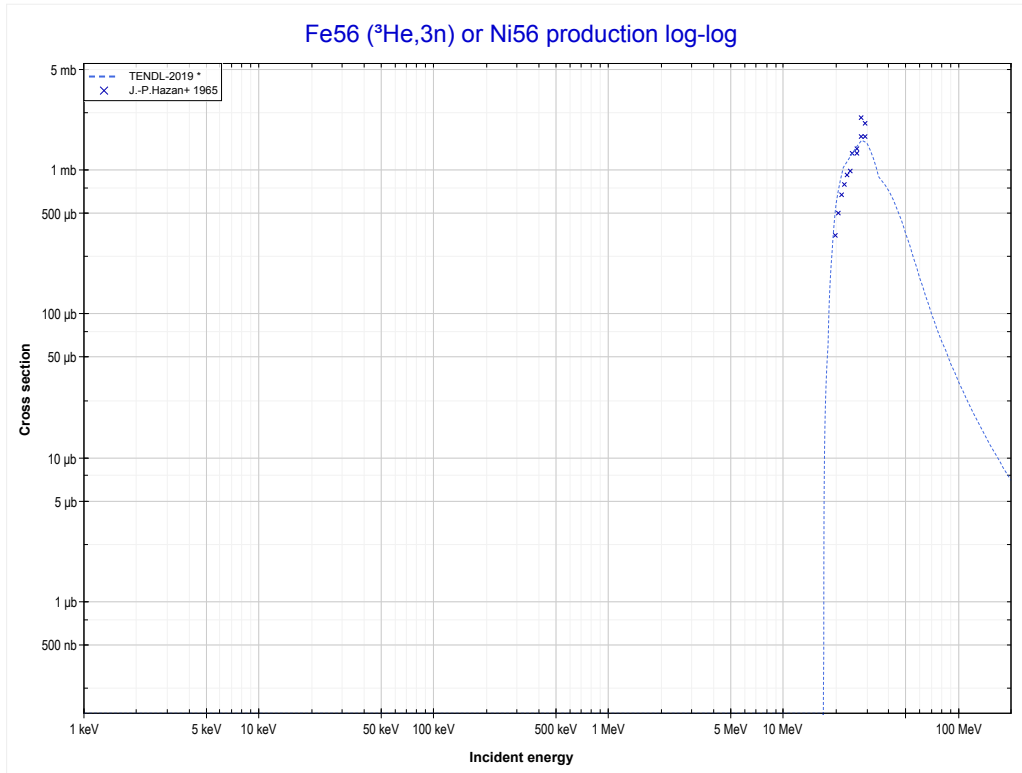
Reaction	Q-Value
Fe54(He3,2n)Ni55	-12130.12 keV

<< 26-Fe-54	26-Fe-56	27-Co-59 >>
<< 26-Fe-54 MT16 ($^3\text{He},2n$)	MT16 ($^3\text{He},2n$) or MT5 (Ni57 production)	MT17 ($^3\text{He},3n$) >>



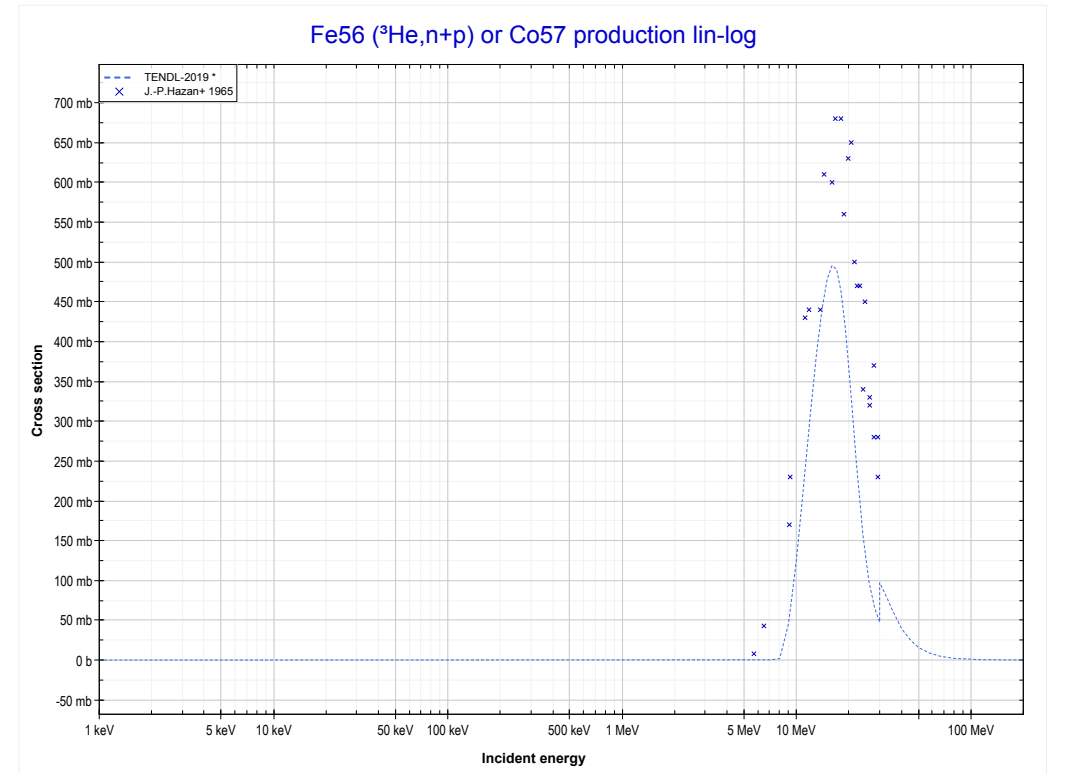
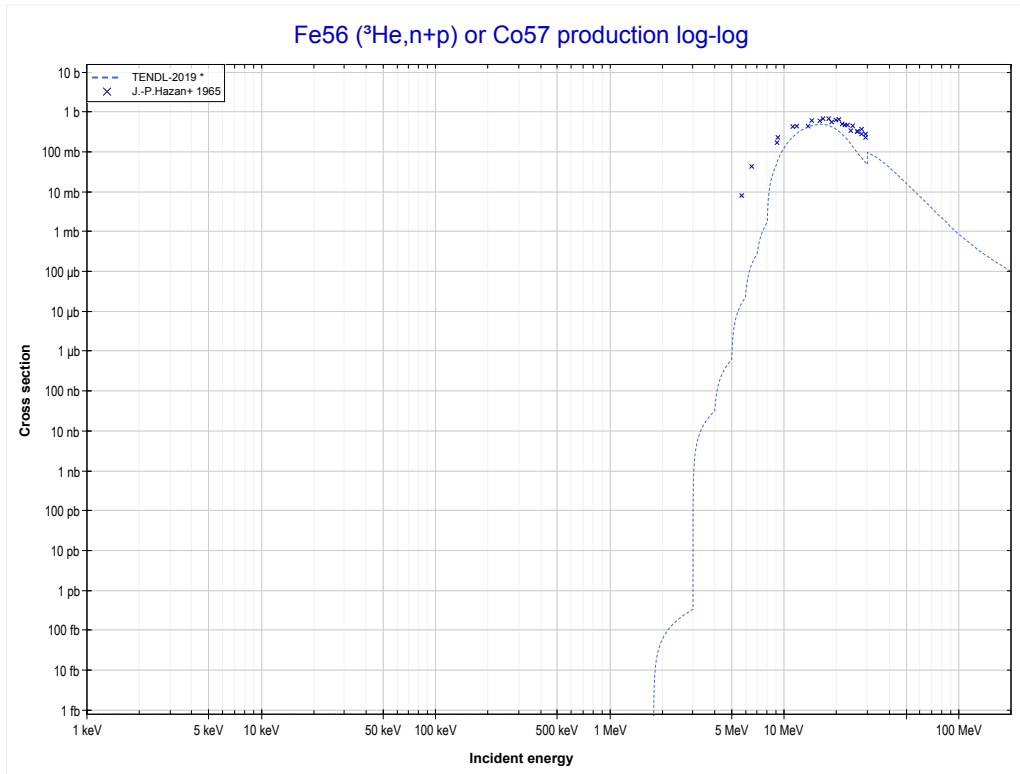
Reaction	Q-Value
Fe56(He3,2n)Ni57	-5734.72 keV

<< 25-Mn-55	26-Fe-56	29-Cu-65 >>
<< MT16 (³ He,2n)	MT17 (³He,3n) or MT5 (Ni56 production)	MT28 (³ He,n+p) >>



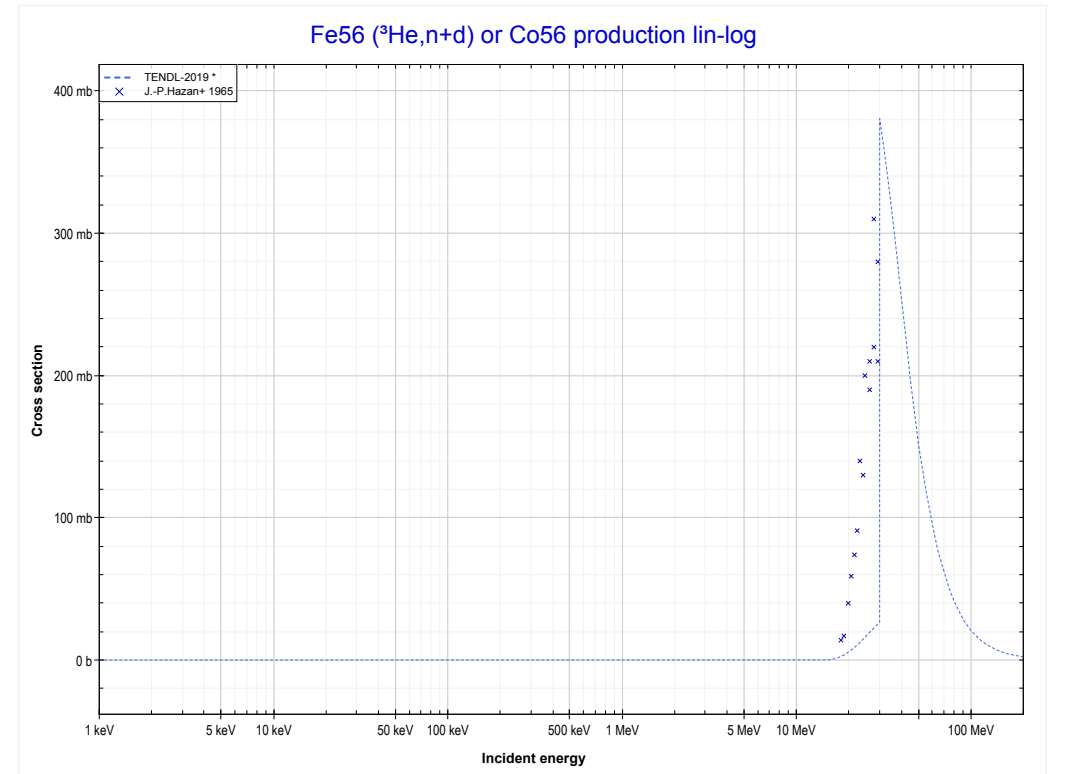
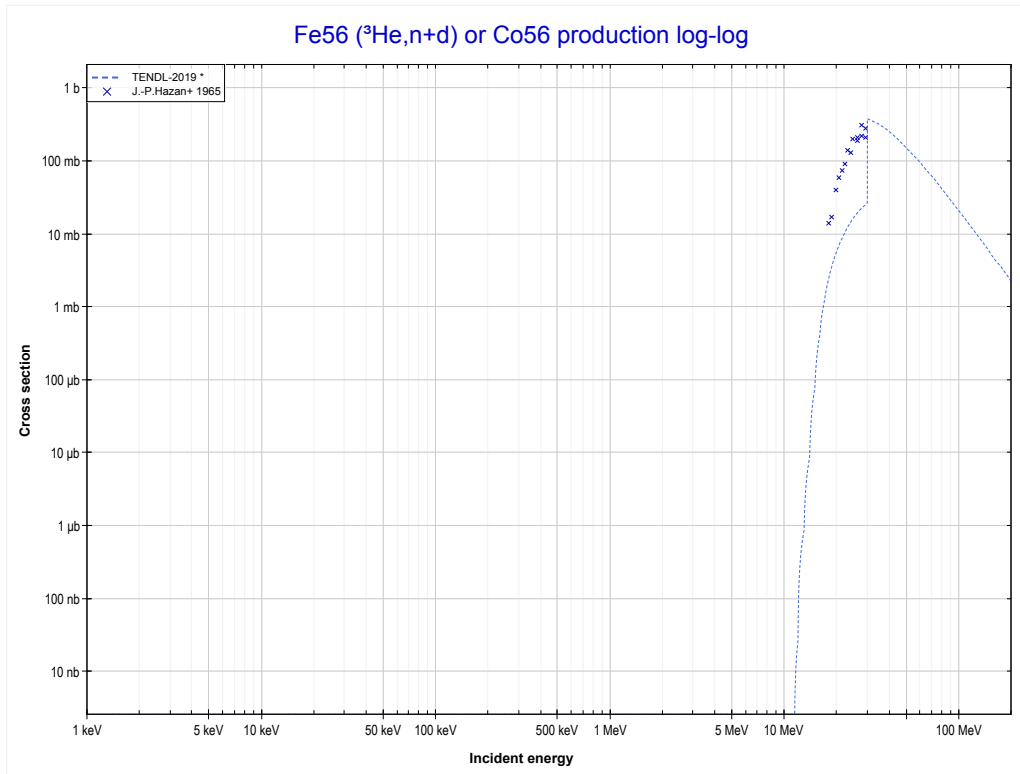
Reaction	Q-Value
Fe56(He3,3n)Ni56	-15982.33 keV

<< 14-Si-28	26-Fe-56	30-Zn-66 >>
<< MT17 (³ He,3n)	MT28 (³He,n+p) or MT5 (Co57 production)	MT32 (³ He,n+d) >>



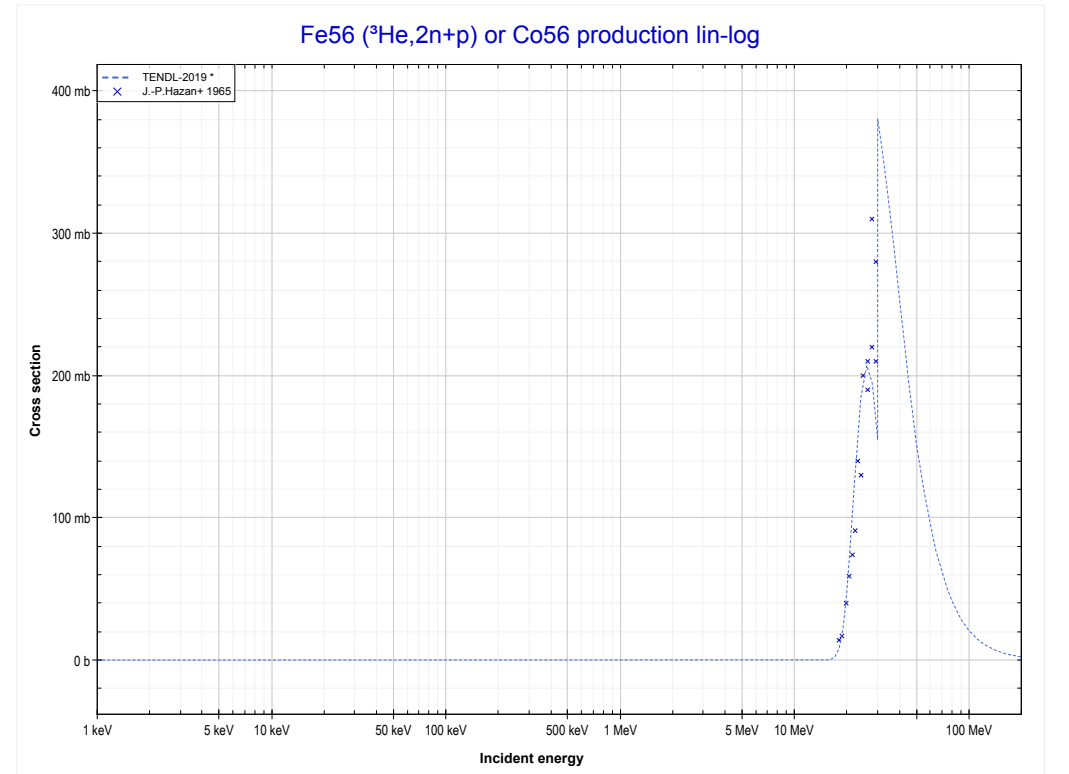
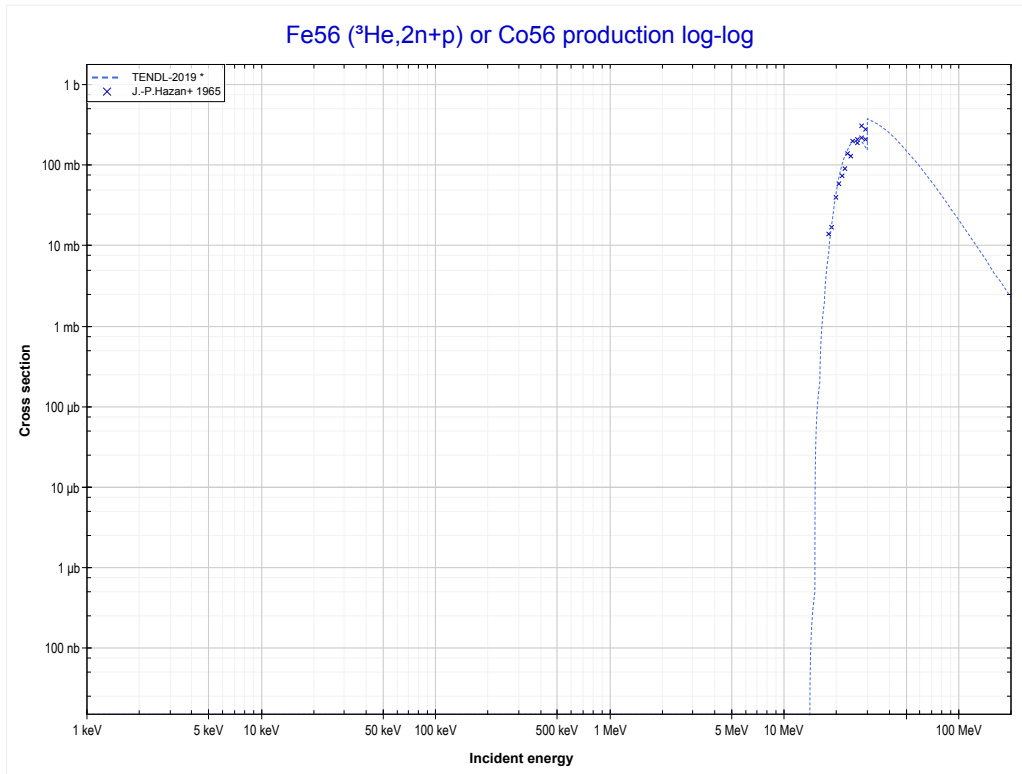
Reaction	Q-Value
Fe56(He3,d)Co57	534.00 keV
Fe56(He3,n+p)Co57	-1690.57 keV

<< 24-Cr-52	26-Fe-56	30-Zn-66 >>
<< MT28 (³ He,n+p)	MT32 (³He,n+d) or MT5 (Co56 production)	MT41 (³ He,2n+p) >>



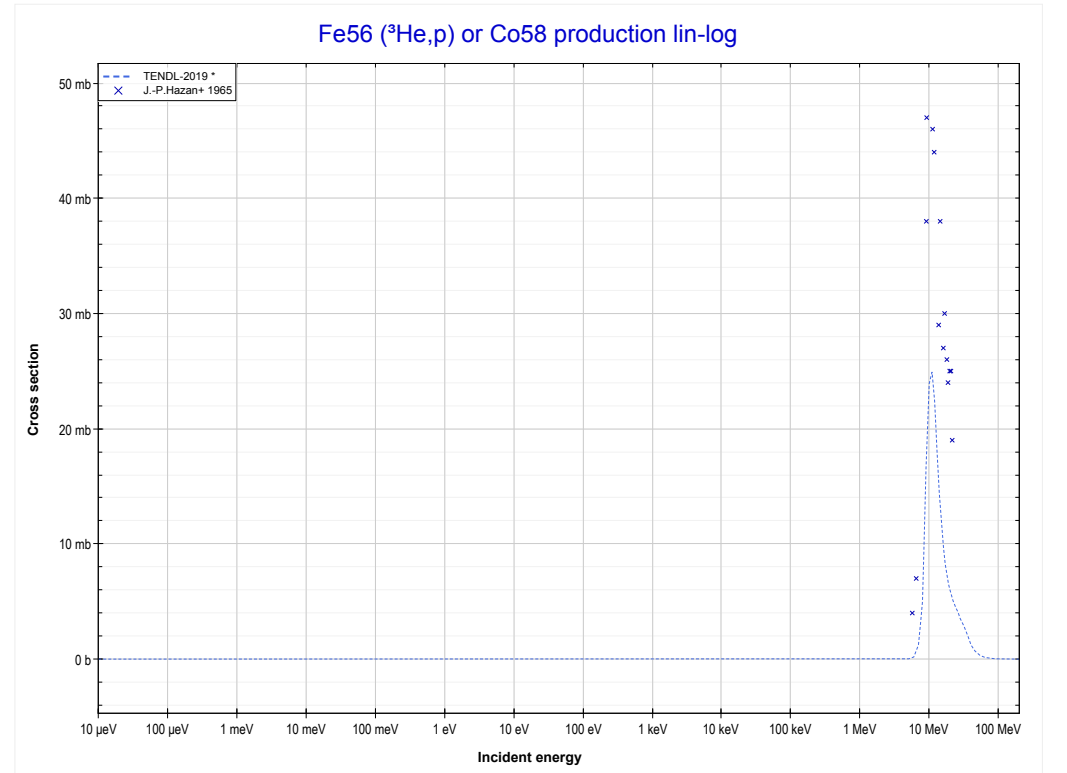
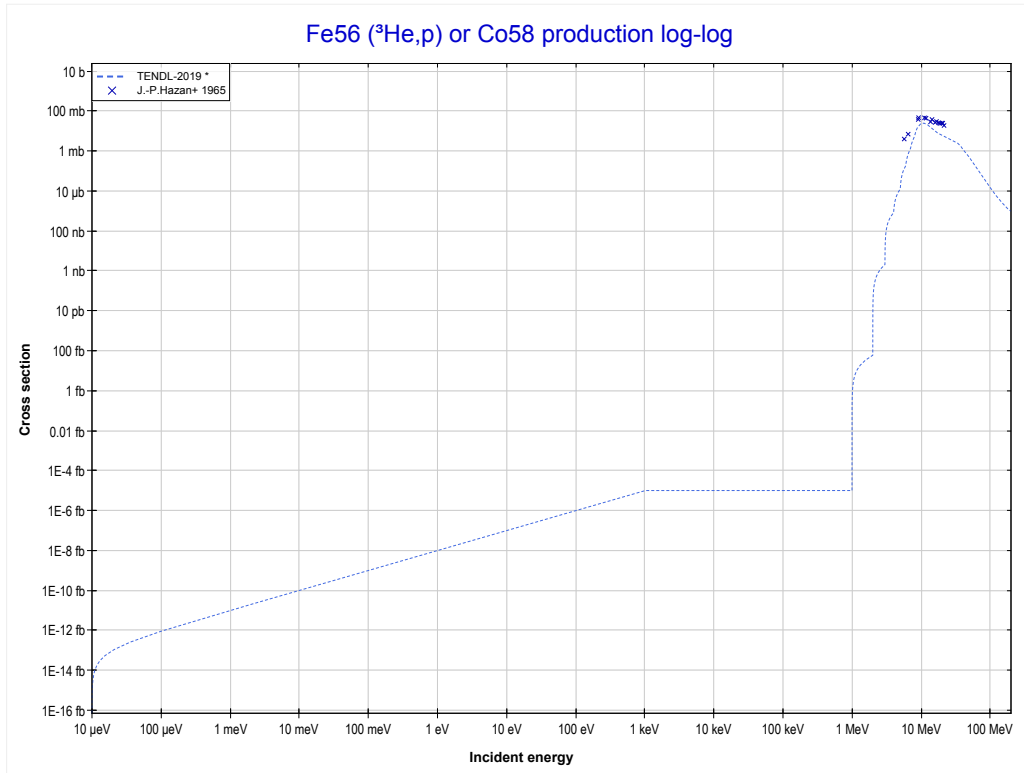
Reaction	Q-Value
Fe56(He3,t)Co56	-4585.29 keV
Fe56(He3,n+d)Co56	-10842.52 keV
Fe56(He3,2n+p)Co56	-13067.09 keV

<< 24-Cr-52	26-Fe-56	30-Zn-66 >>
<< MT32 (³ He,n+d)	MT41 (³He,2n+p) or MT5 (Co56 production)	MT103 (³ He,p) >>



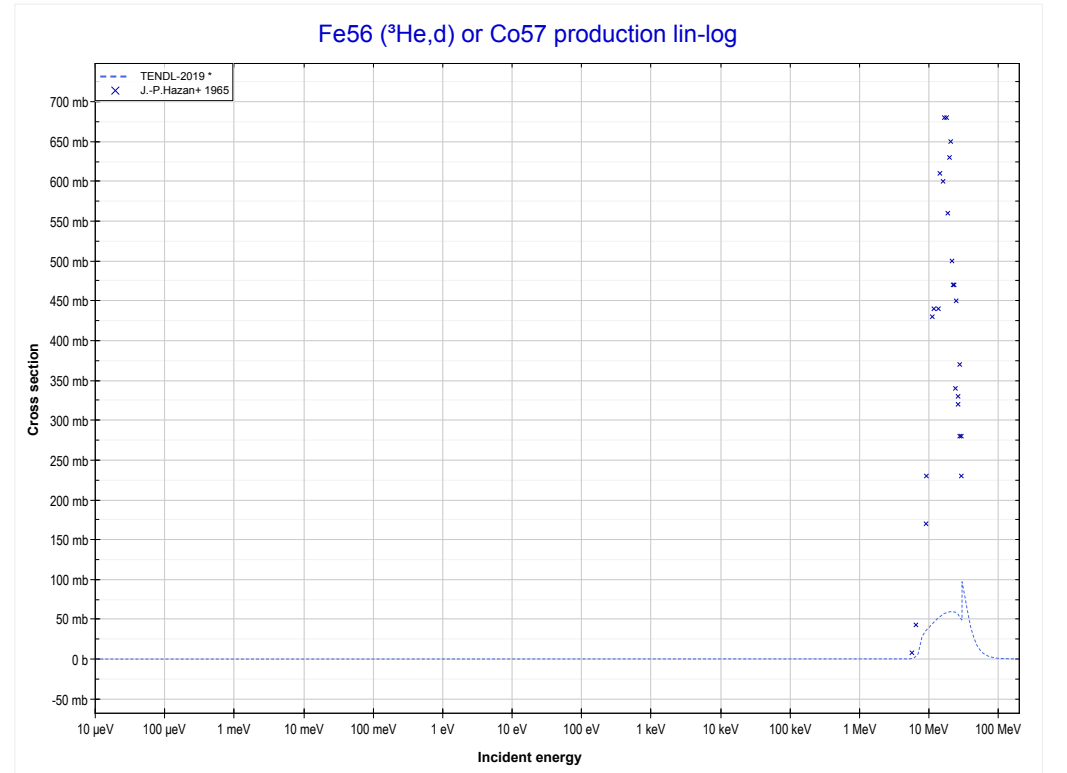
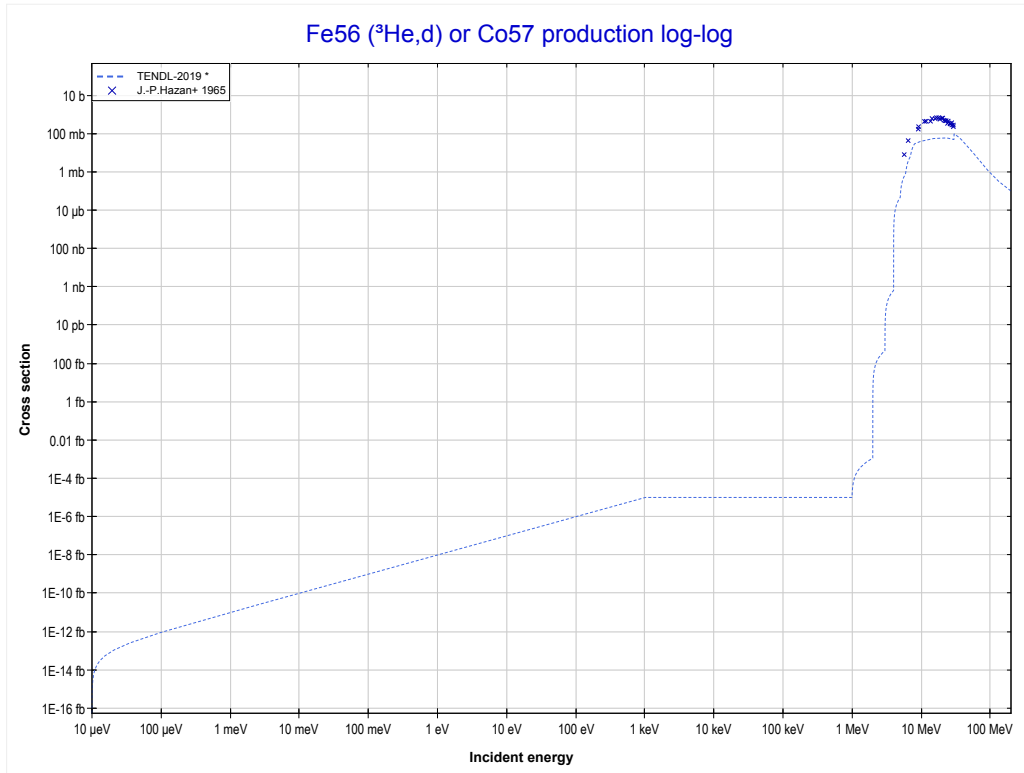
Reaction	Q-Value
Fe56(He3,t)Co56	-4585.29 keV
Fe56(He3,n+d)Co56	-10842.52 keV
Fe56(He3,2n+p)Co56	-13067.09 keV

<< 14-Si-28	26-Fe-56	29-Cu-63 >>
<< MT41 ($^3\text{He},2n+p$)	MT103 ($^3\text{He},p$) or MT5 (Co58 production)	MT104 ($^3\text{He},d$) >>



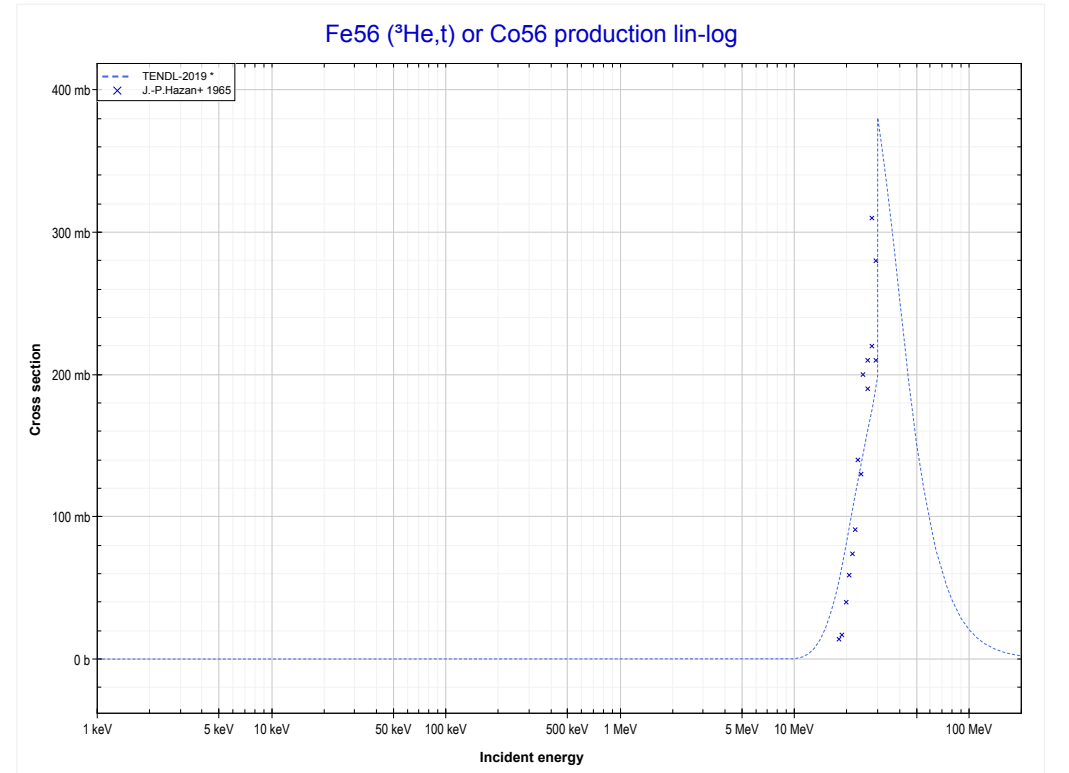
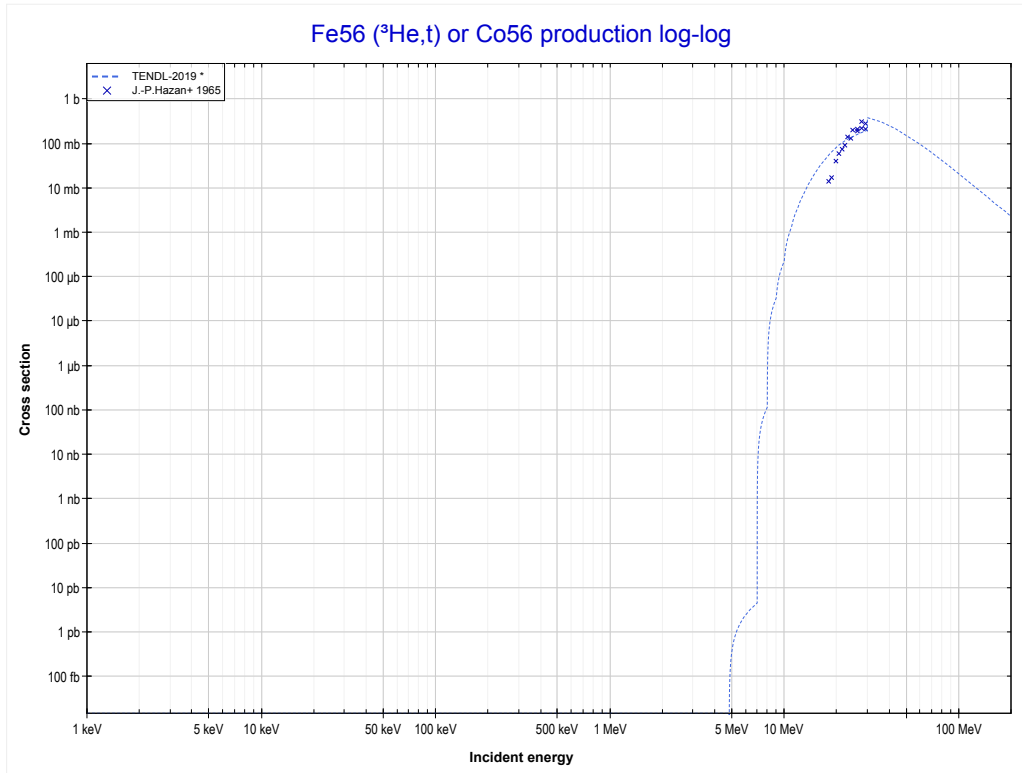
Reaction	Q-Value
Fe56(He3,p)Co58	6882.35 keV

<< 14-Si-28	26-Fe-56	30-Zn-66 >>
<< MT103 (³ He,p)	MT104 (³He,d) or MT5 (Co57 production)	MT105 (³ He,t) >>



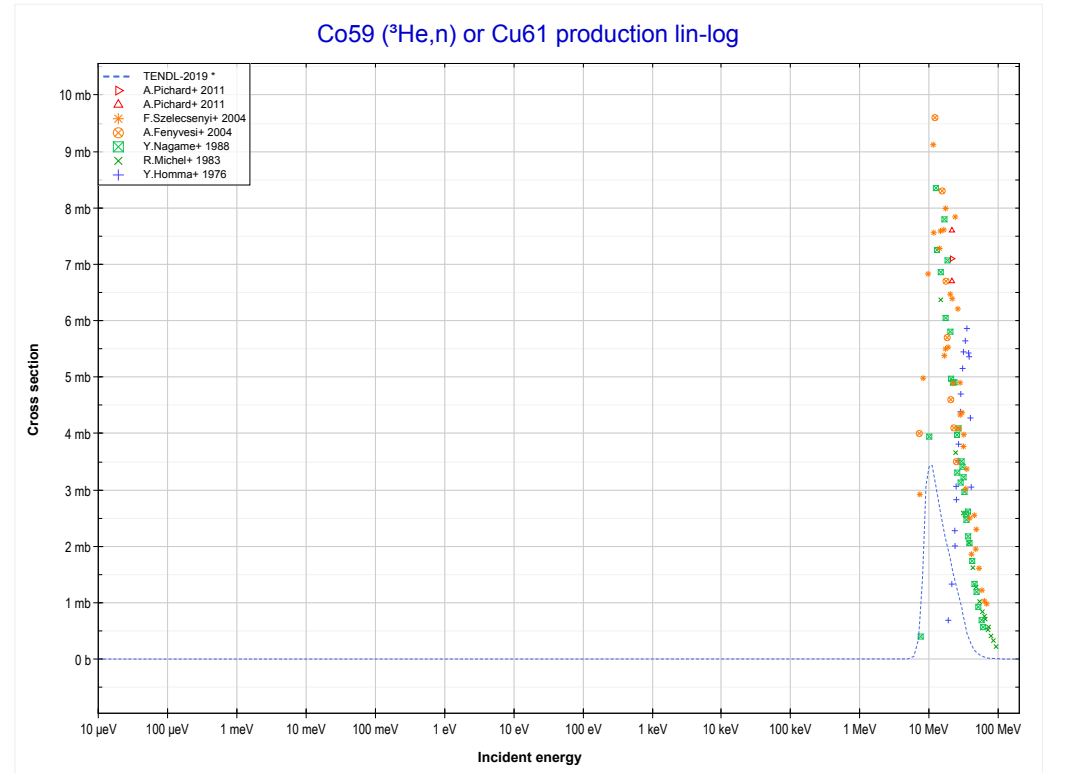
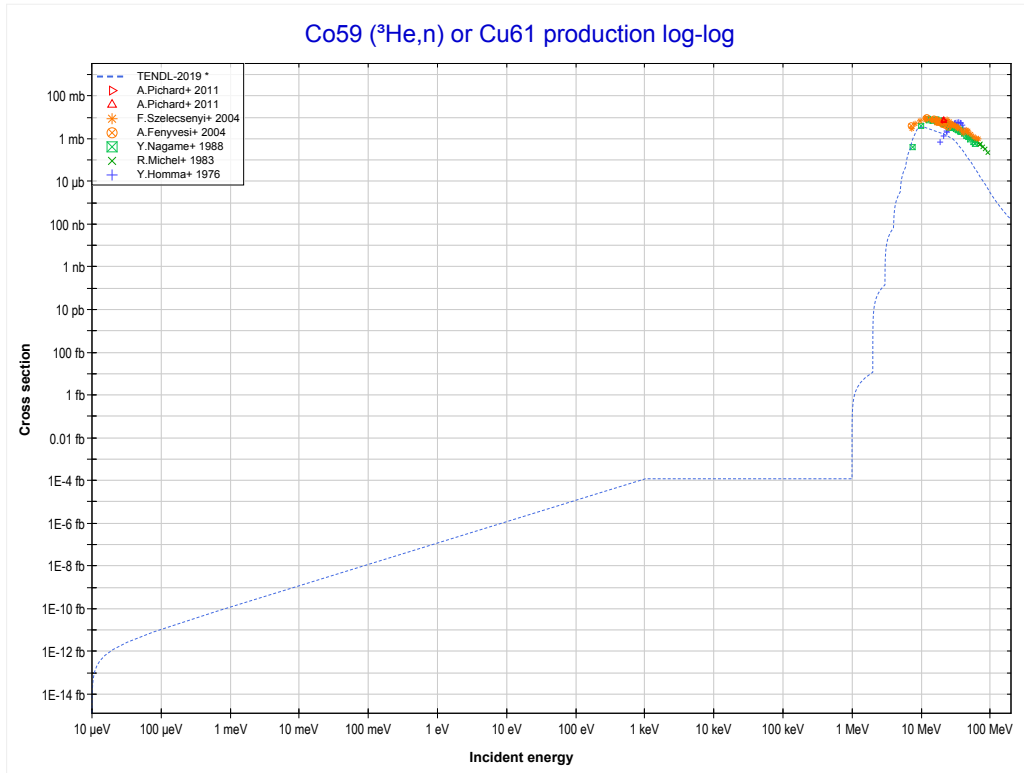
Reaction	Q-Value
Fe56(He3,d)Co57	534.00 keV
Fe56(He3,n+p)Co57	-1690.57 keV

<< 24-Cr-52	26-Fe-56	30-Zn-66 >>
<< MT104 (³ He,d)	MT105 (³He,t) or MT5 (Co56 production)	27-Co-59 MT4 (³ He,n) >>



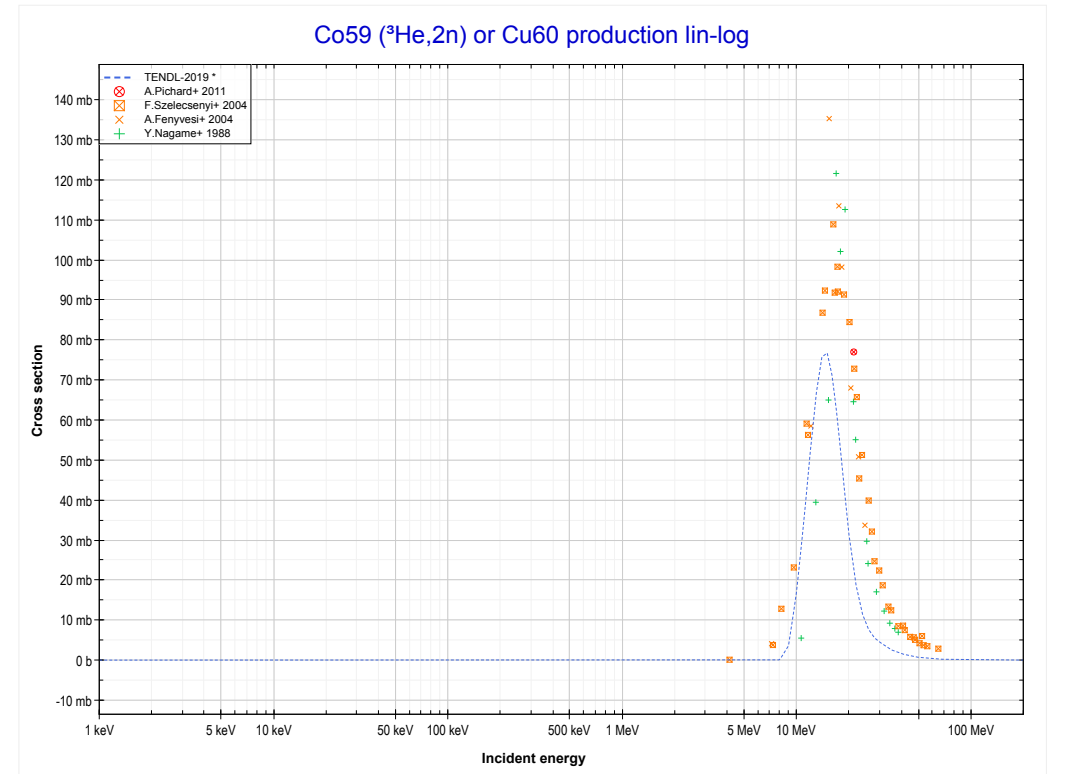
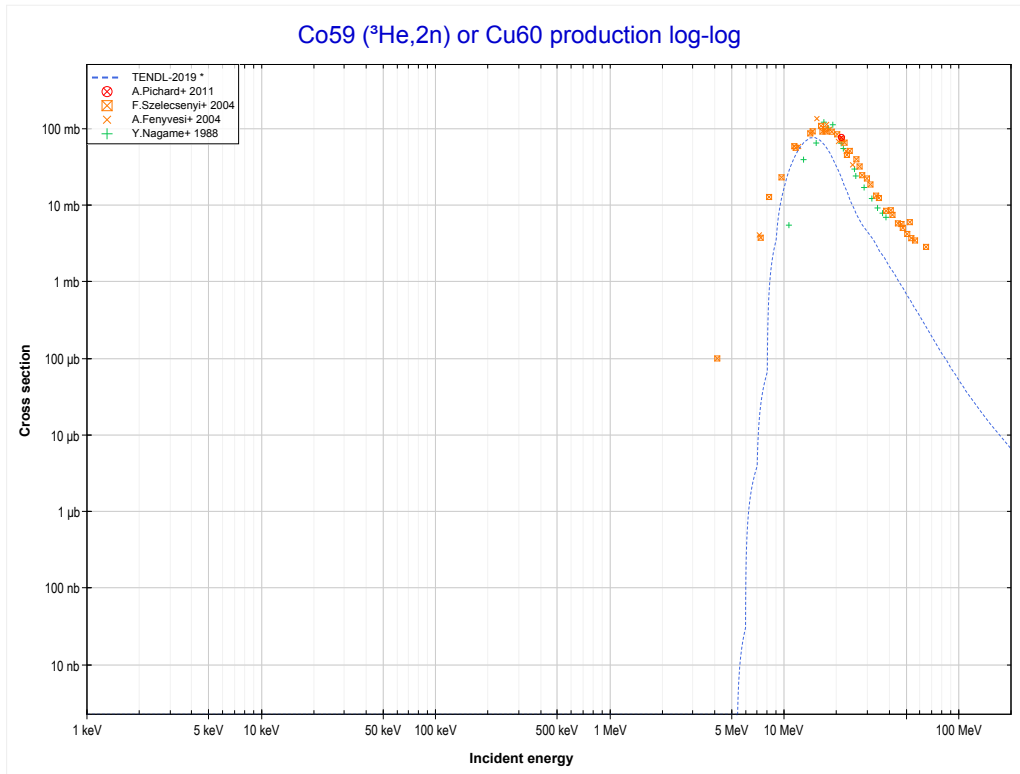
Reaction	Q-Value
Fe56(He3,t)Co56	-4585.29 keV
Fe56(He3,n+d)Co56	-10842.52 keV
Fe56(He3,2n+p)Co56	-13067.09 keV

<< 25-Mn-55	27-Co-59	29-Cu-63 >>
<< 26-Fe-56 MT105 (³ He,t)	MT4 (³He,n) or MT5 (Cu61 production)	MT16 (³ He,2n) >>



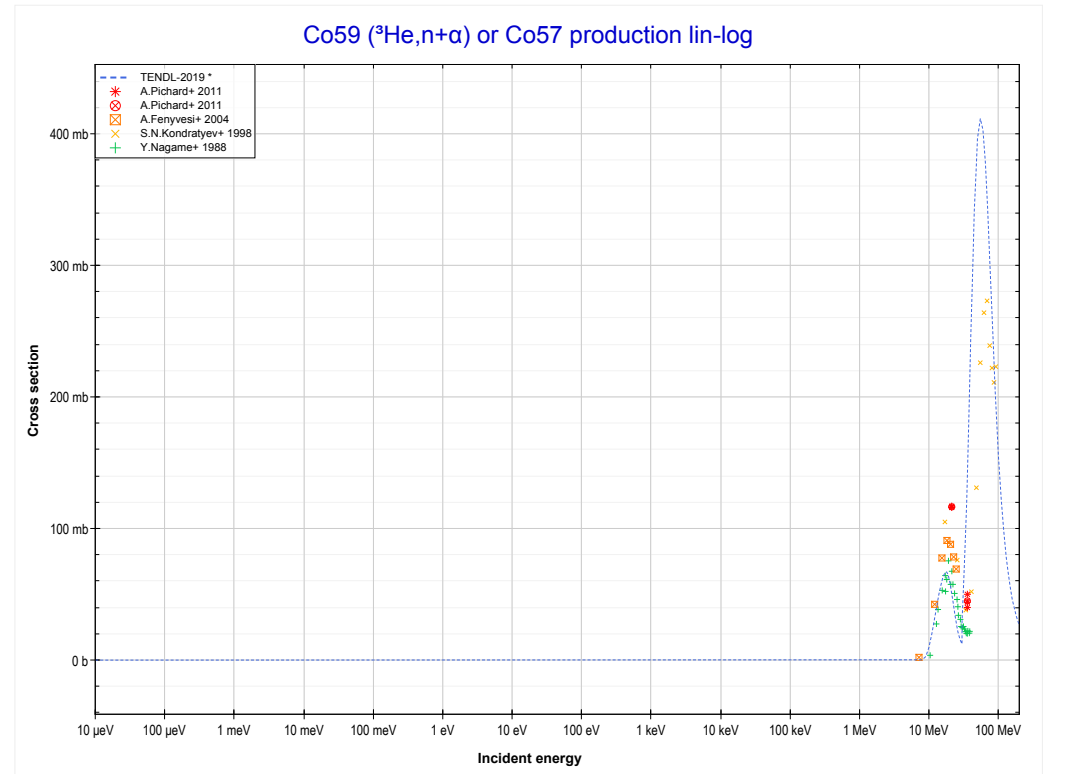
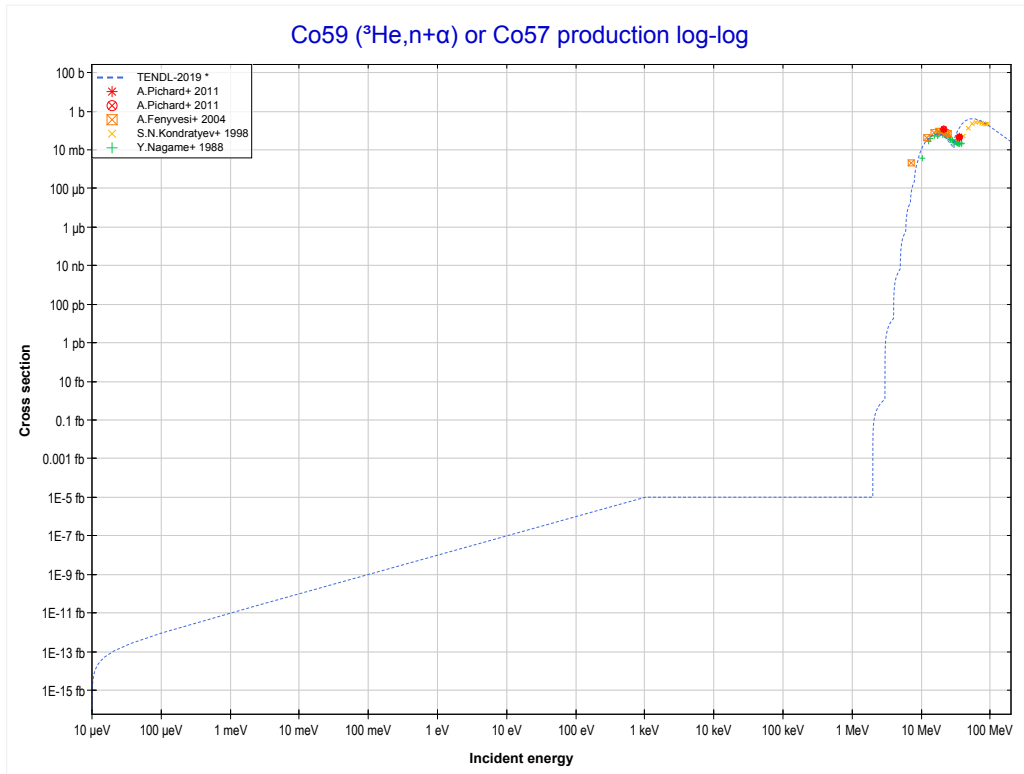
Reaction	Q-Value
Co59(He3,n)Cu61	6614.30 keV

<< 26-Fe-56	27-Co-59	29-Cu-63 >>
<< MT4 (³ He,n)	MT16 (³He,2n) or MT5 (Cu60 production)	MT22 (³ He,n+α) >>



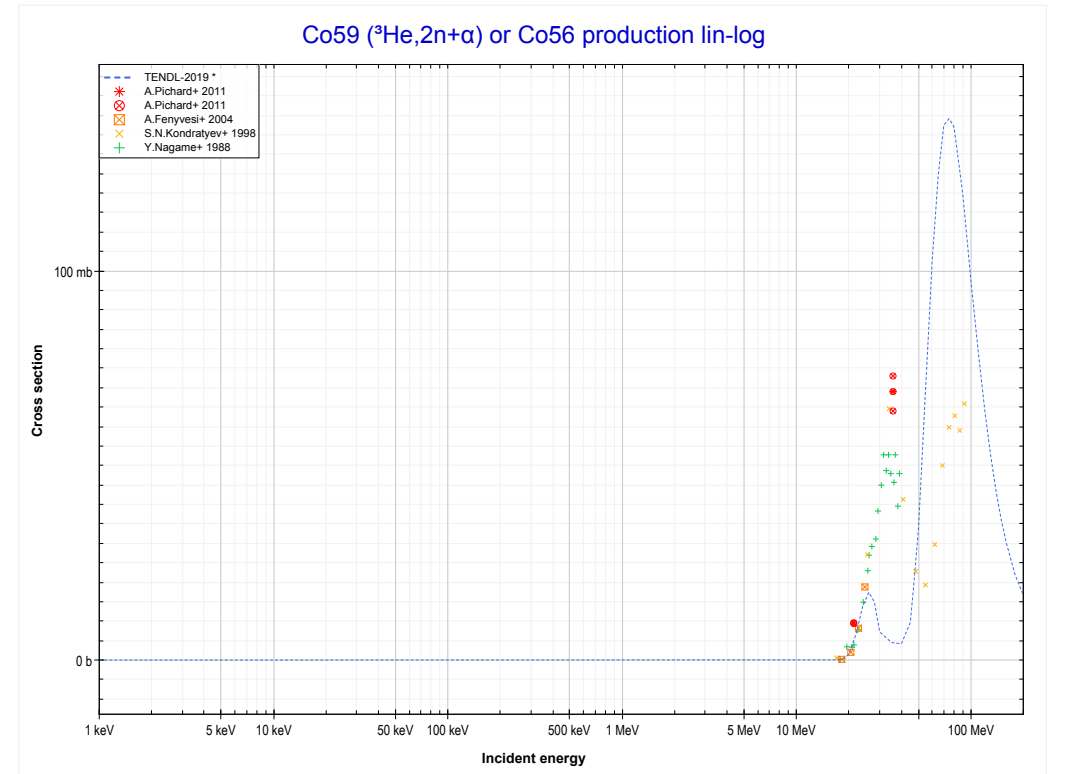
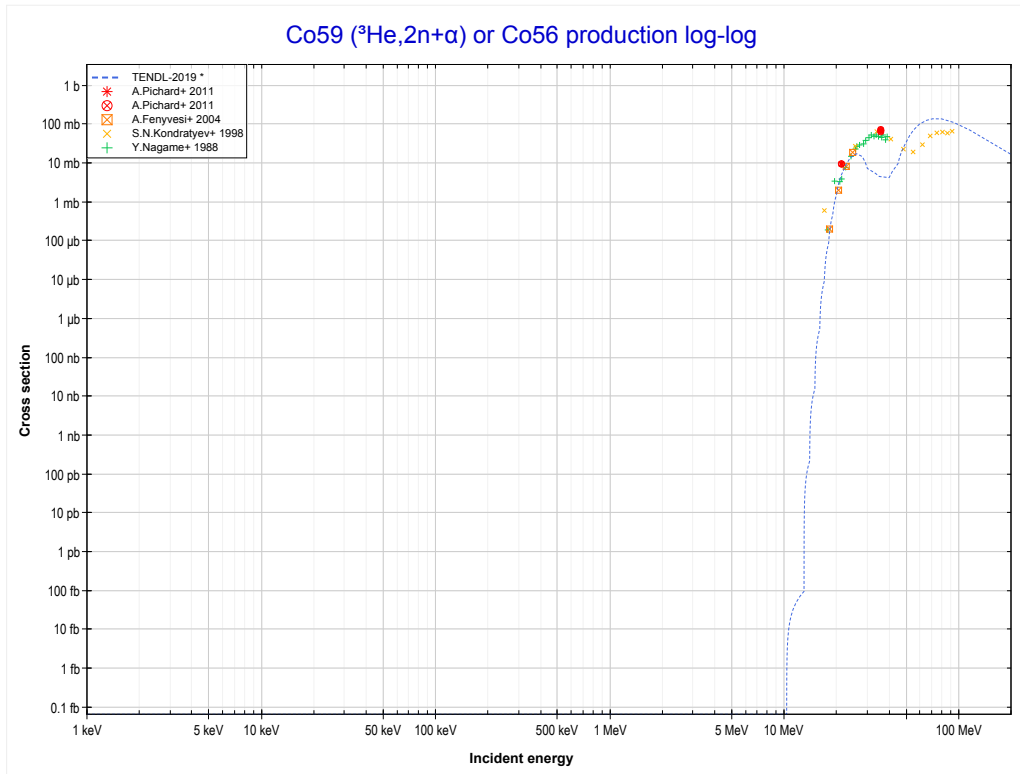
Reaction	Q-Value
Co59(He3,2n)Cu60	-5096.02 keV

<< 23-V-51	27-Co-59	29-Cu-63 >>
<< MT16 ($^3\text{He},2n$)	MT22 ($^3\text{He},n+\alpha$) or MT5 (Co57 production)	MT24 ($^3\text{He},2n+\alpha$) >>



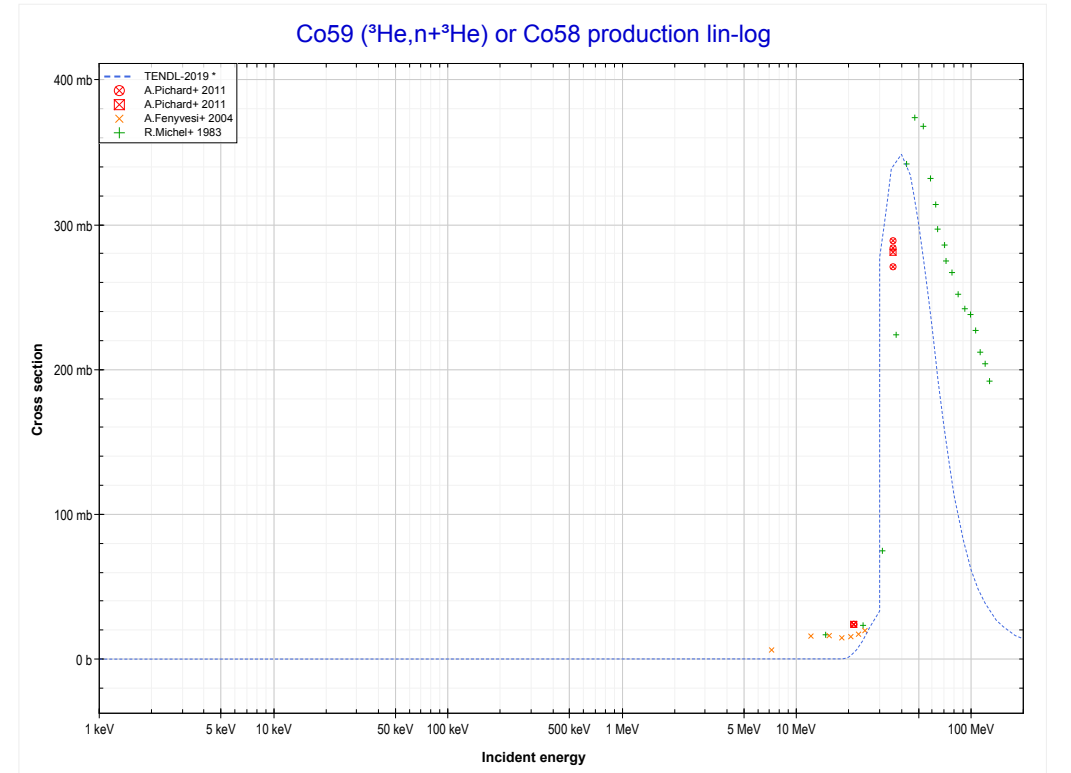
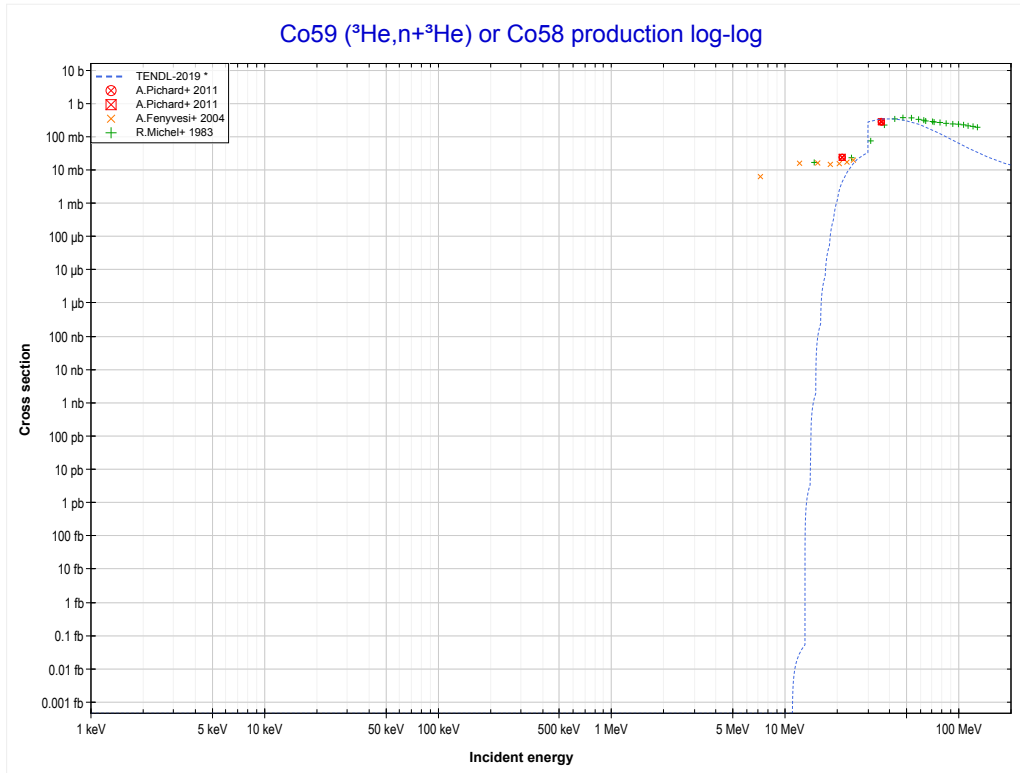
Reaction	Q-Value
Co59(He3,n+α)Co57	1550.89 keV
Co59(He3,d+t)Co57	-16038.41 keV
Co59(He3,n+p+t)Co57	-18262.98 keV
Co59(He3,2n+He3)Co57	-19026.73 keV
Co59(He3,n+2d)Co57	-22295.64 keV
Co59(He3,2n+p+d)Co57	-24520.21 keV
Co59(He3,3n+2p)Co57	-26744.77 keV

<< 13-Al-27	27-Co-59	47-Ag-107 >>
<< MT22 ($^3\text{He},n+\alpha$)	MT24 ($^3\text{He},2n+\alpha$) or MT5 (Co56 production)	MT34 ($^3\text{He},n+^3\text{He}$) >>



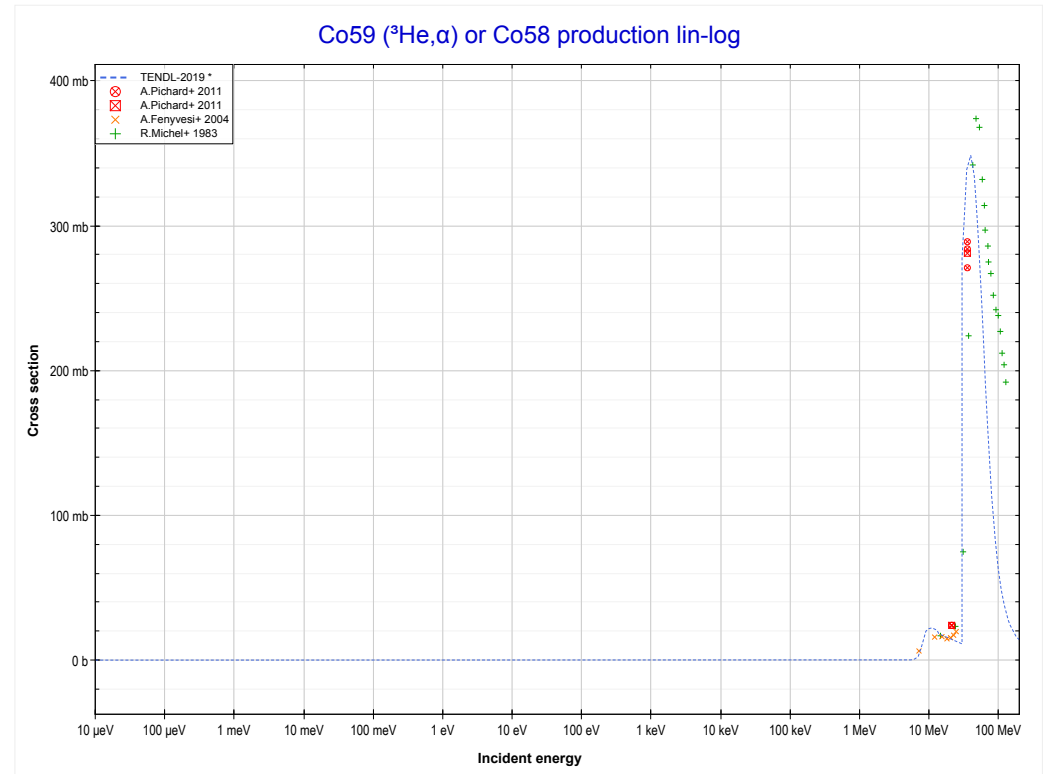
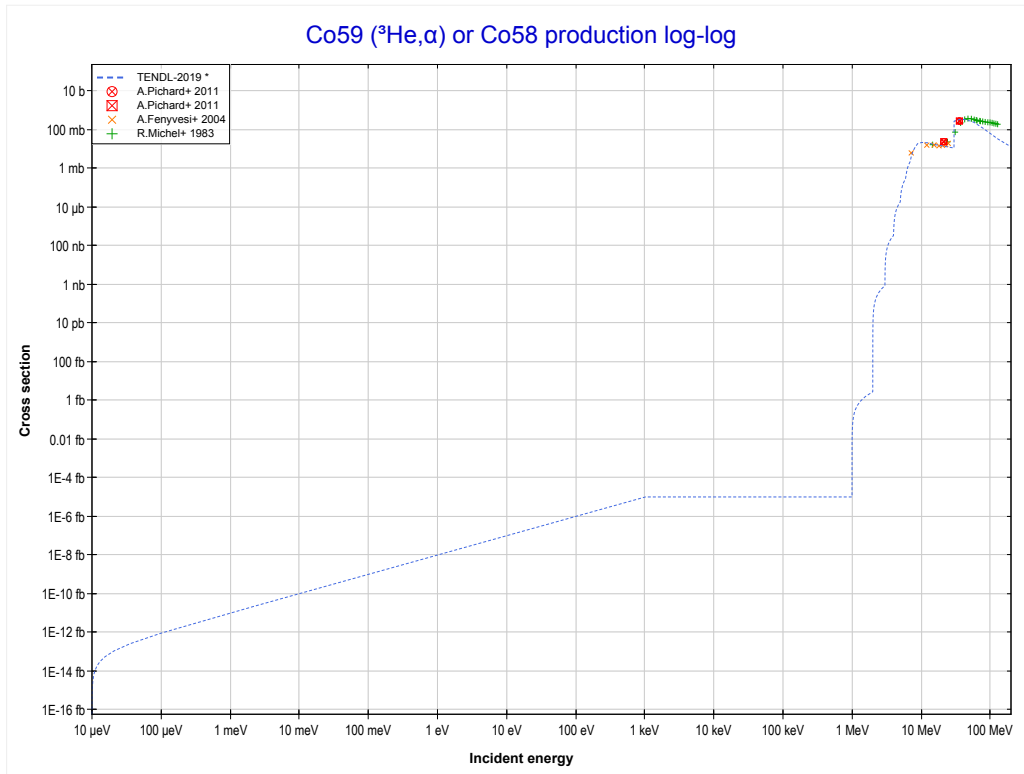
Reaction	Q-Value
Co59($\text{He}3,2n+\alpha$)Co56	-9825.63 keV
Co59($\text{He}3,2t$)Co56	-21157.70 keV
Co59($\text{He}3,n+d+t$)Co56	-27414.93 keV
Co59($\text{He}3,2n+p+t$)Co56	-29639.50 keV
Co59($\text{He}3,3n+\text{He}3$)Co56	-30403.25 keV
Co59($\text{He}3,2n+2d$)Co56	-33672.16 keV
Co59($\text{He}3,3n+p+d$)Co56	-35896.73 keV
Co59($\text{He}3,4n+2p$)Co56	-38121.29 keV

<< 25-Mn-55	27-Co-59	29-Cu-65 >>
<< MT24 ($^3\text{He}, 2n+\alpha$)	MT34 ($^3\text{He}, n+^3\text{He}$) or MT5 (Co58 production)	MT107 ($^3\text{He}, \alpha$) >>



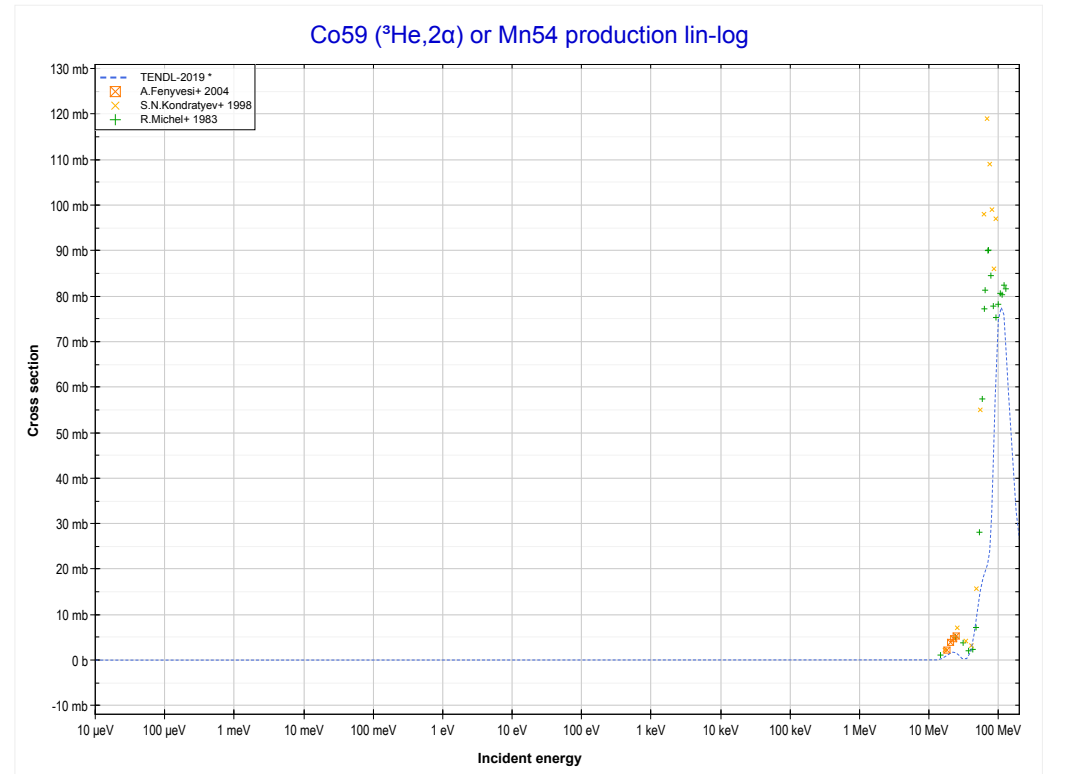
Reaction	Q-Value
Co59(He3, α)Co58	10123.80 keV
Co59(He3,p+t)Co58	-9690.06 keV
Co59(He3,n+He3)Co58	-10453.82 keV
Co59(He3,2d)Co58	-13722.73 keV
Co59(He3,n+p+d)Co58	-15947.29 keV
Co59(He3,2n+2p)Co58	-18171.86 keV

<< 25-Mn-55	27-Co-59	29-Cu-65 >>
<< MT34 ($^3\text{He},n+^3\text{He}$)	MT107 ($^3\text{He},\alpha$) or MT5 (Co58 production)	MT108 ($^3\text{He},2\alpha$) >>



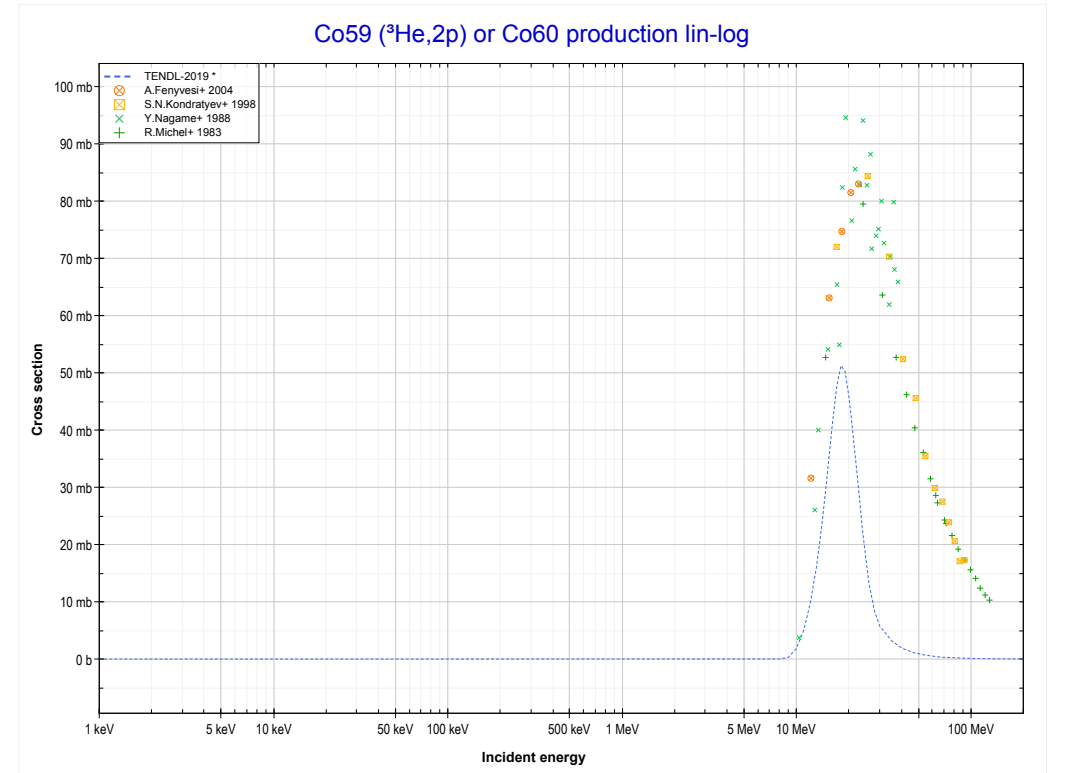
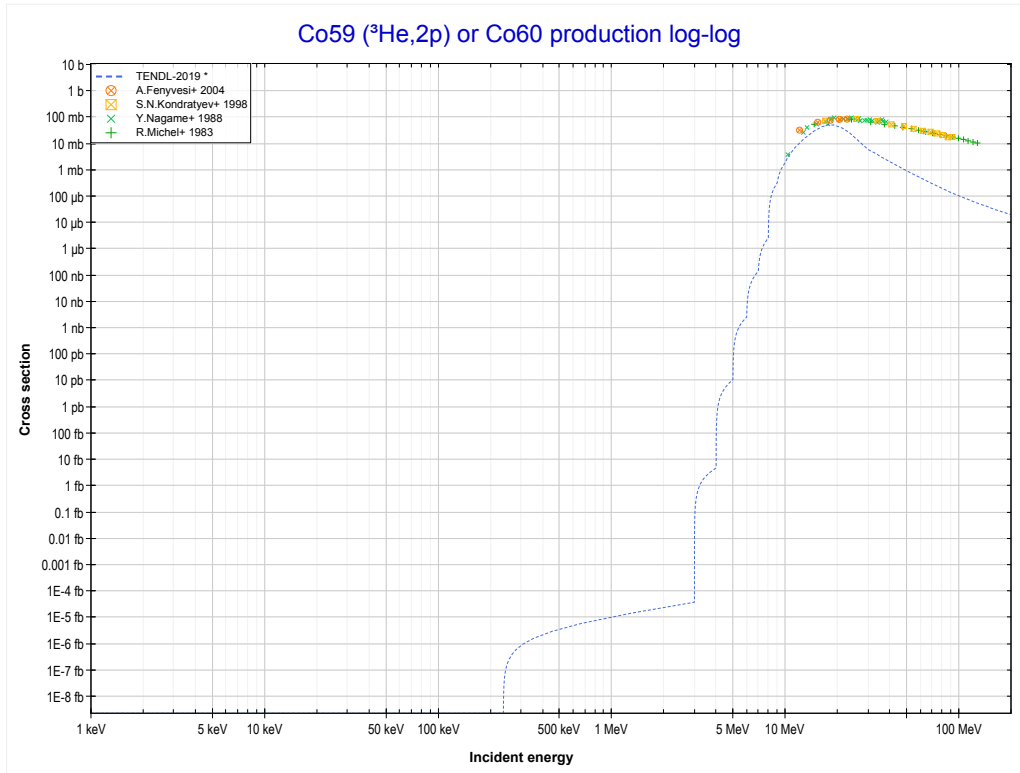
Reaction	Q-Value
Co59(He3,α)Co58	10123.80 keV
Co59(He3,p+t)Co58	-9690.06 keV
Co59(He3,n+He3)Co58	-10453.82 keV
Co59(He3,2d)Co58	-13722.73 keV
Co59(He3,n+p+d)Co58	-15947.29 keV
Co59(He3,2n+2p)Co58	-18171.86 keV

<< 19-K-39	27-Co-59	29-Cu-63 >>
<< MT107 (³ He,α)	MT108 (³He,2α) or MT5 (Mn54 production)	MT111 (³ He,2p) >>



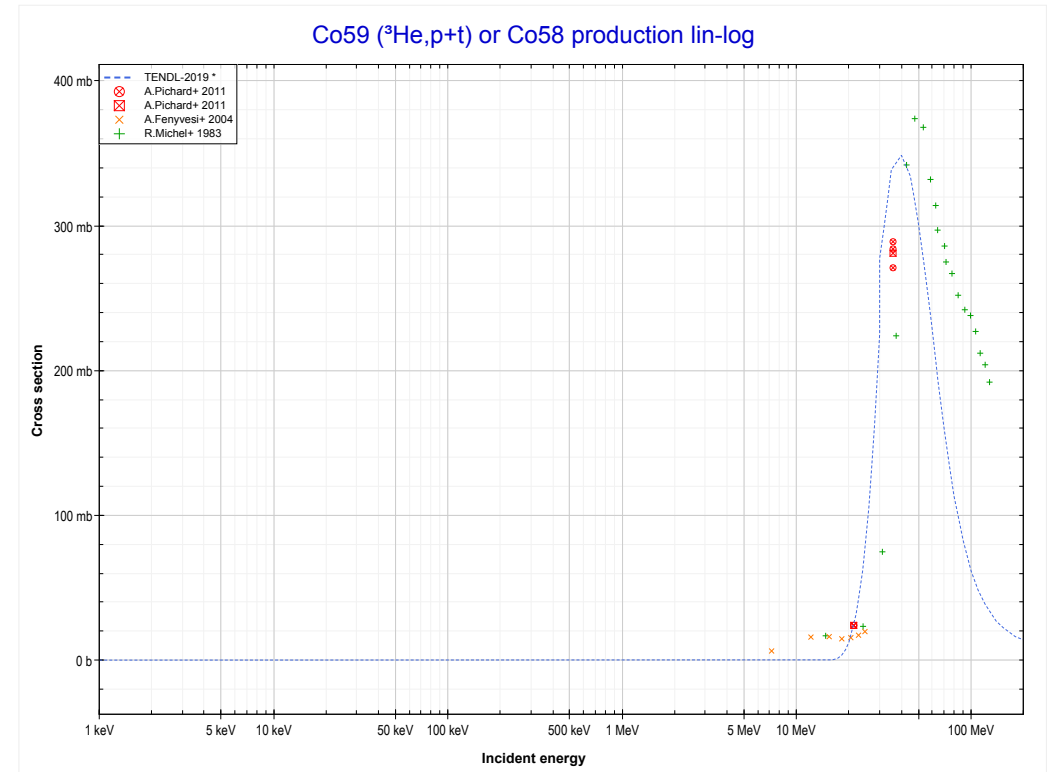
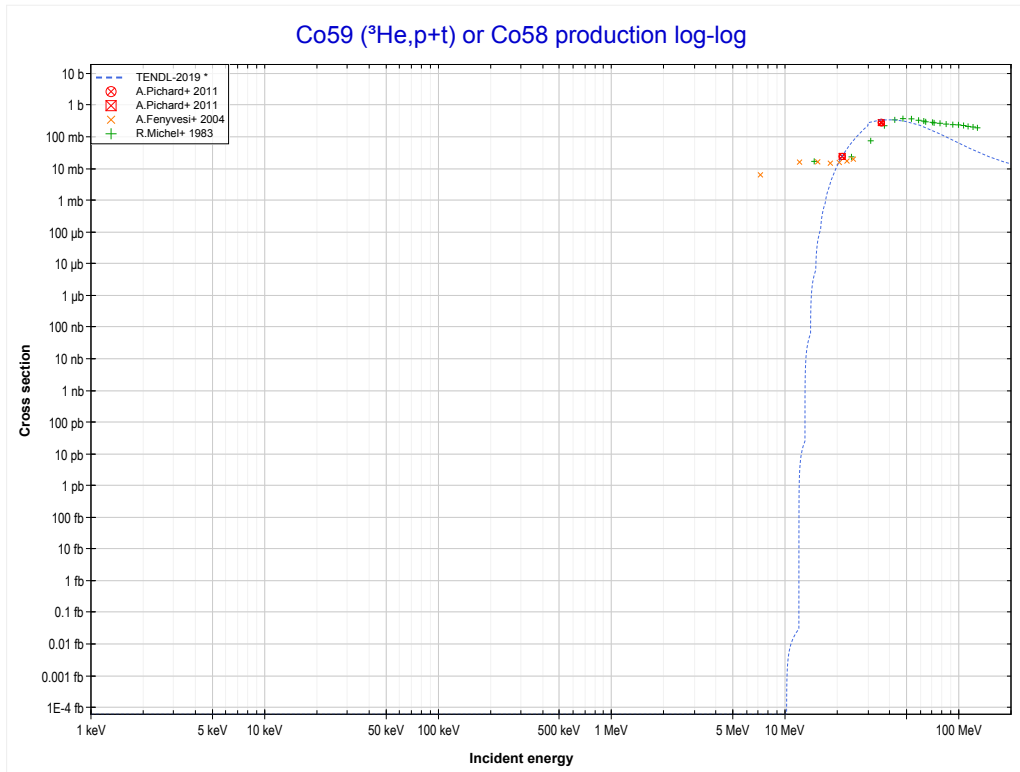
Reaction	Q-Value	Reaction	Q-Value
Co59(He3,2α)Mn54	3409.29 keV	Co59(He3,n+p+t+He3)Mn54	-36982.20 keV
Co59(He3,p+t+α)Mn54	-16404.58 keV	Co59(He3,2n+2He3)Mn54	-37745.95 keV
Co59(He3,n+He3+α)Mn54	-17168.33 keV	Co59(He3,p+2d+t)Mn54	-40251.11 keV
Co59(He3,2d+α)Mn54	-20437.24 keV	Co59(He3,n+2d+He3)Mn54	-41014.86 keV
Co59(He3,n+p+d+α)Mn54	-22661.81 keV	Co59(He3,n+2p+d+t)Mn54	-42475.67 keV
Co59(He3,2n+2p+α)Mn54	-24886.37 keV	Co59(He3,2n+p+d+He3)Mn54	-43239.43 keV
Co59(He3,d+t+He3)Mn54	-34757.63 keV	Co59(He3,4d)Mn54	-44283.77 keV
Co59(He3,2p+2t)Mn54	-36218.44 keV	Co59(He3,2n+3p+t)Mn54	-44700.24 keV

<< 25-Mn-55	27-Co-59	29-Cu-63 >>
<< MT108 (³ He,2α)	MT111 (³He,2p) or MT5 (Co60 production)	MT116 (³ He,p+t) >>



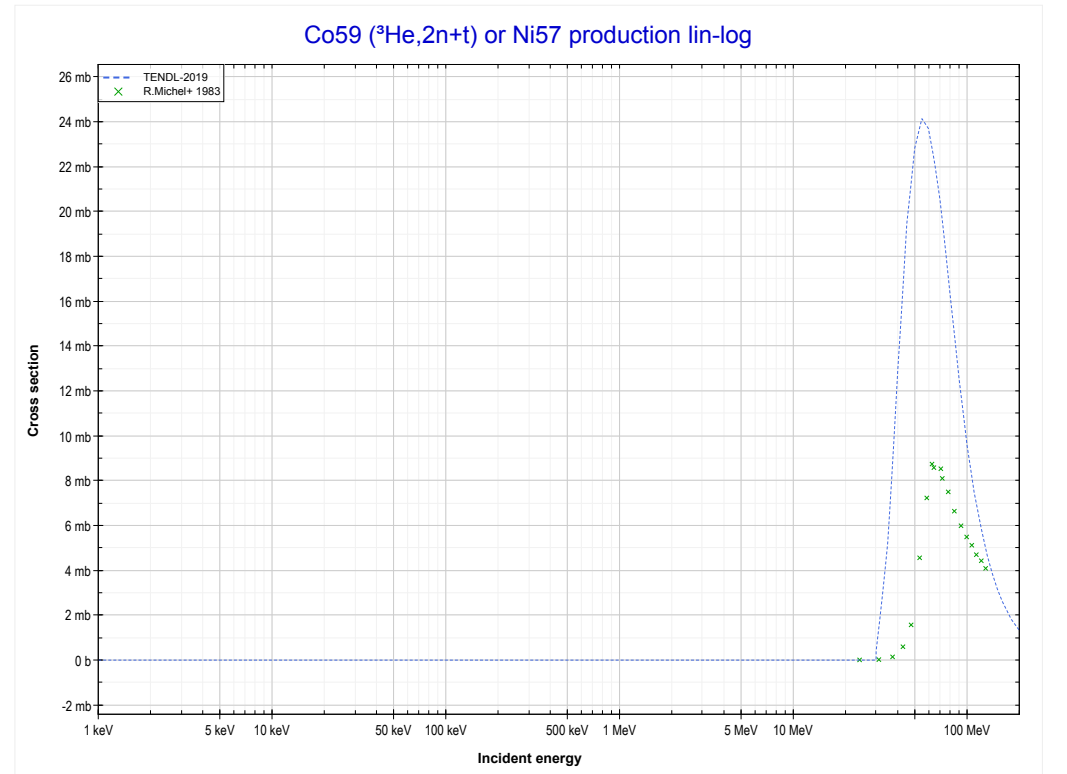
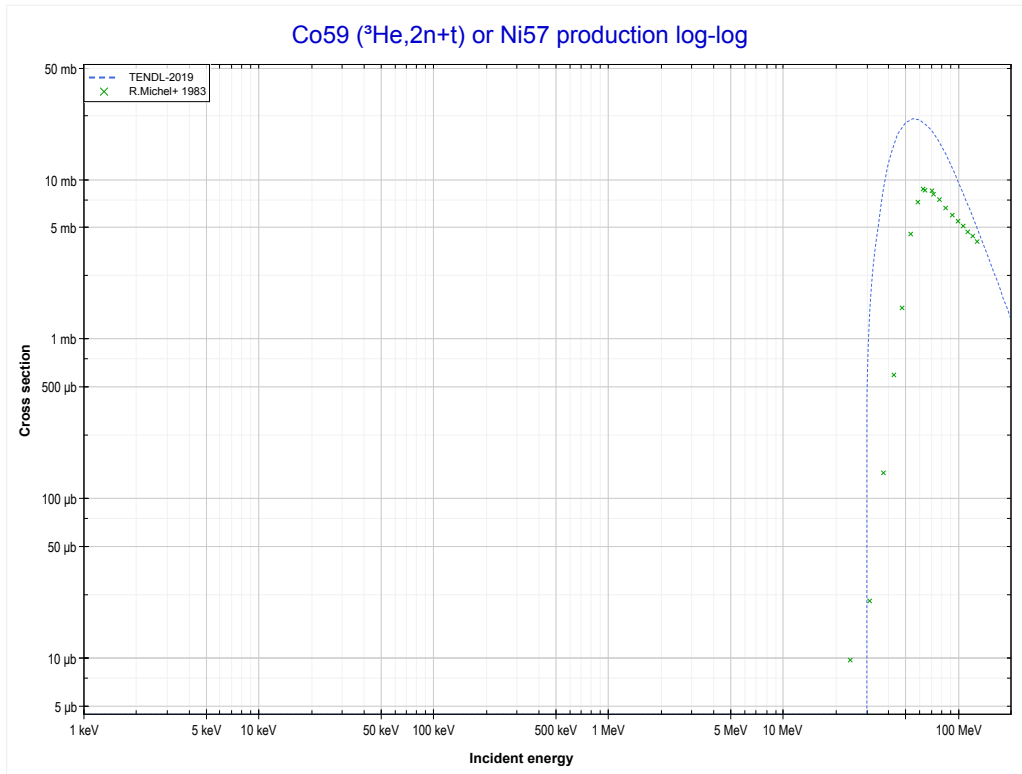
Reaction	Q-Value
Co59(He3,2p)Co60	-226.12 keV

<< 25-Mn-55	27-Co-59	29-Cu-65 >>
<< MT111 (³ He,2p)	MT116 (³He,p+t) or MT5 (Co58 production)	MT154 (³ He,2n+t) >>



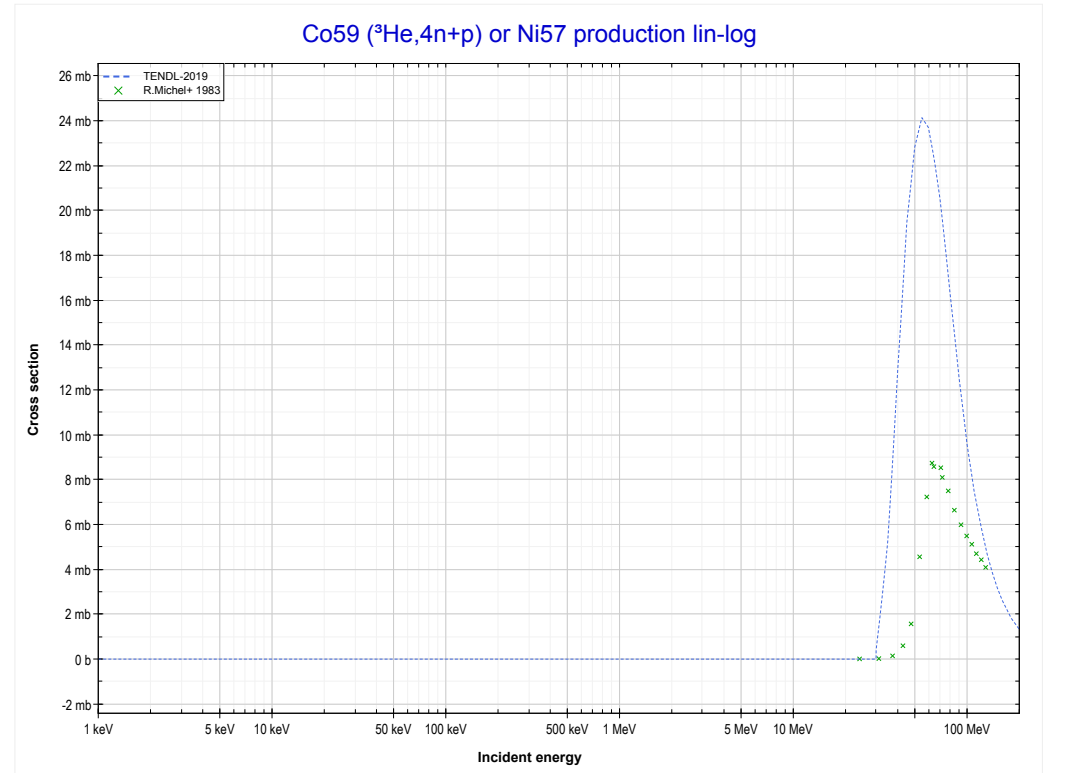
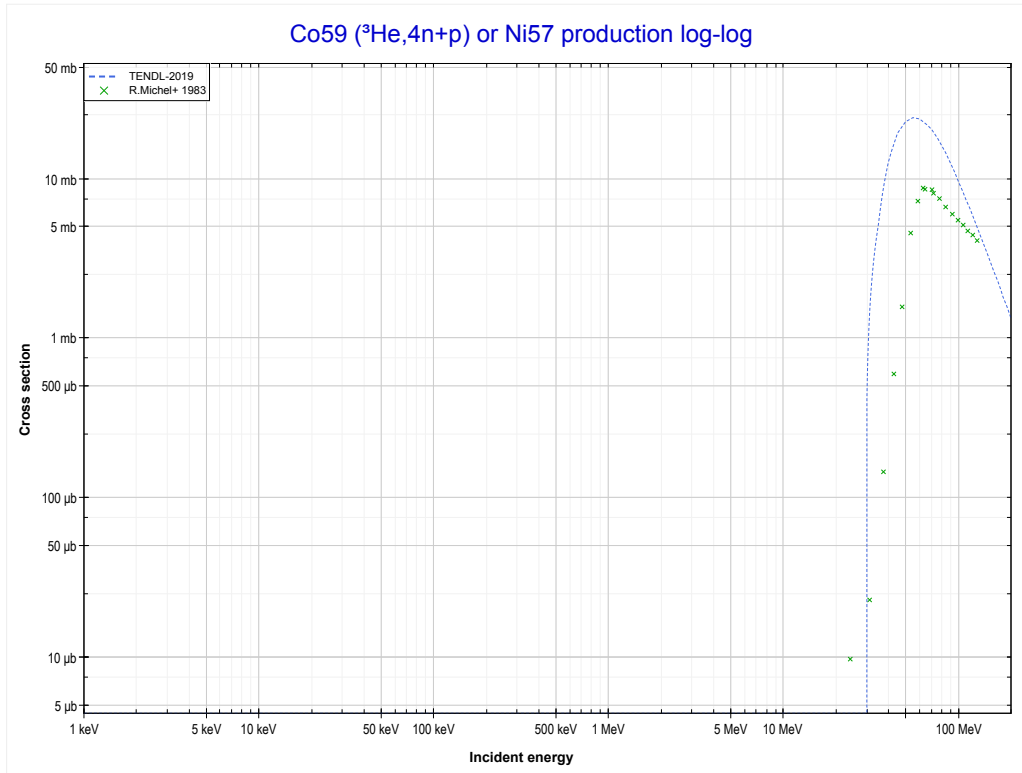
Reaction	Q-Value
Co59(He3,α)Co58	10123.80 keV
Co59(He3,p+t)Co58	-9690.06 keV
Co59(He3,n+He3)Co58	-10453.82 keV
Co59(He3,2d)Co58	-13722.73 keV
Co59(He3,n+p+d)Co58	-15947.29 keV
Co59(He3,2n+2p)Co58	-18171.86 keV

	27-Co-59	92-U-236 >>
<< MT116 (³ He,p+t)	MT154 (³He,2n+t) or MT5 (Ni57 production)	MT156 (³ He,4n+p) >>



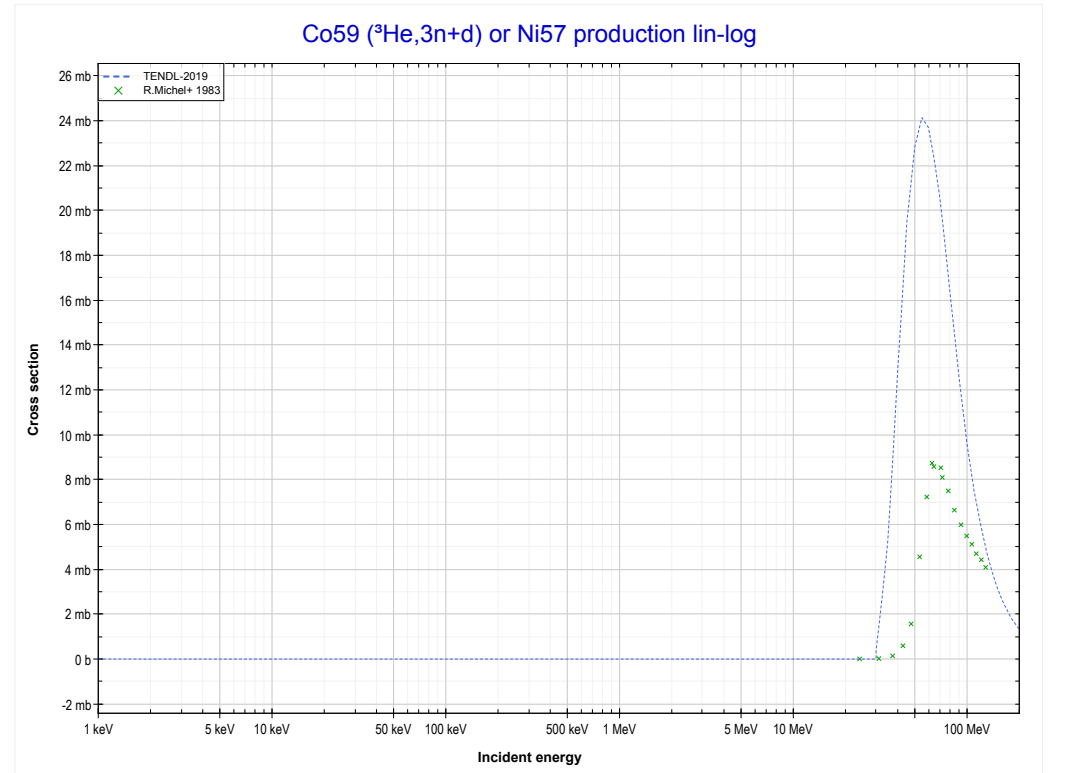
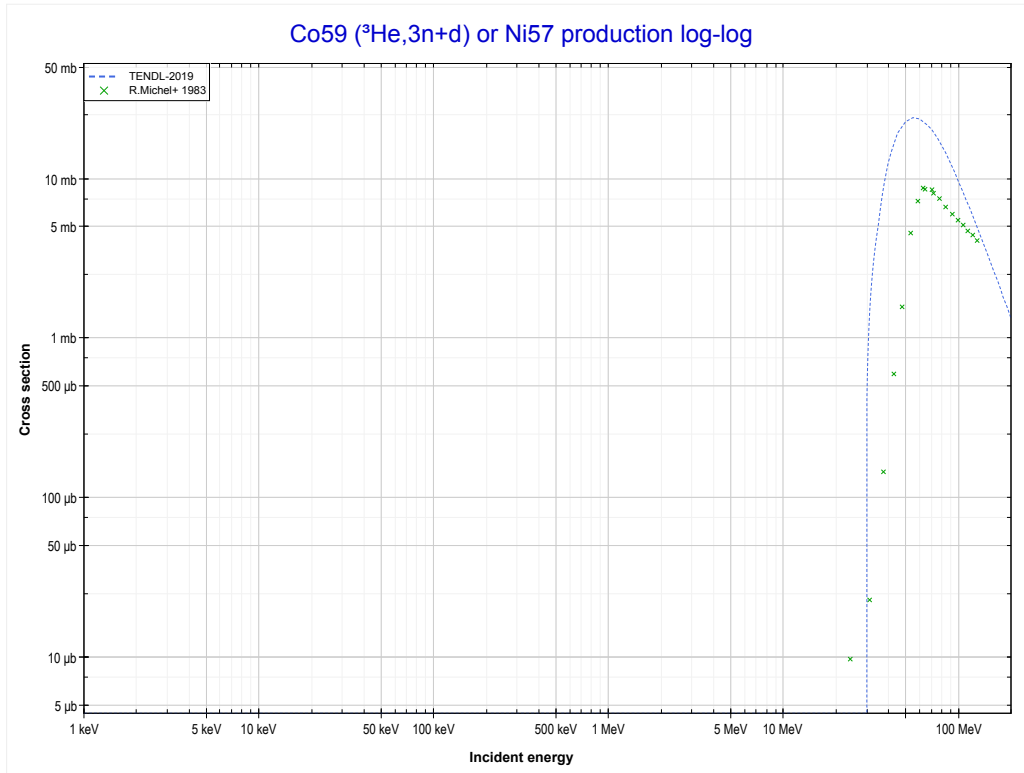
Reaction	Q-Value
Co59(He3,2n+t)Ni57	-22307.13 keV
Co59(He3,3n+d)Ni57	-28564.36 keV
Co59(He3,4n+p)Ni57	-30788.92 keV

	27-Co-59	92-U-236 >>
<< MT154 (³ He,2n+t)	MT156 (³He,4n+p) or MT5 (Ni57 production)	MT157 (³ He,3n+d) >>



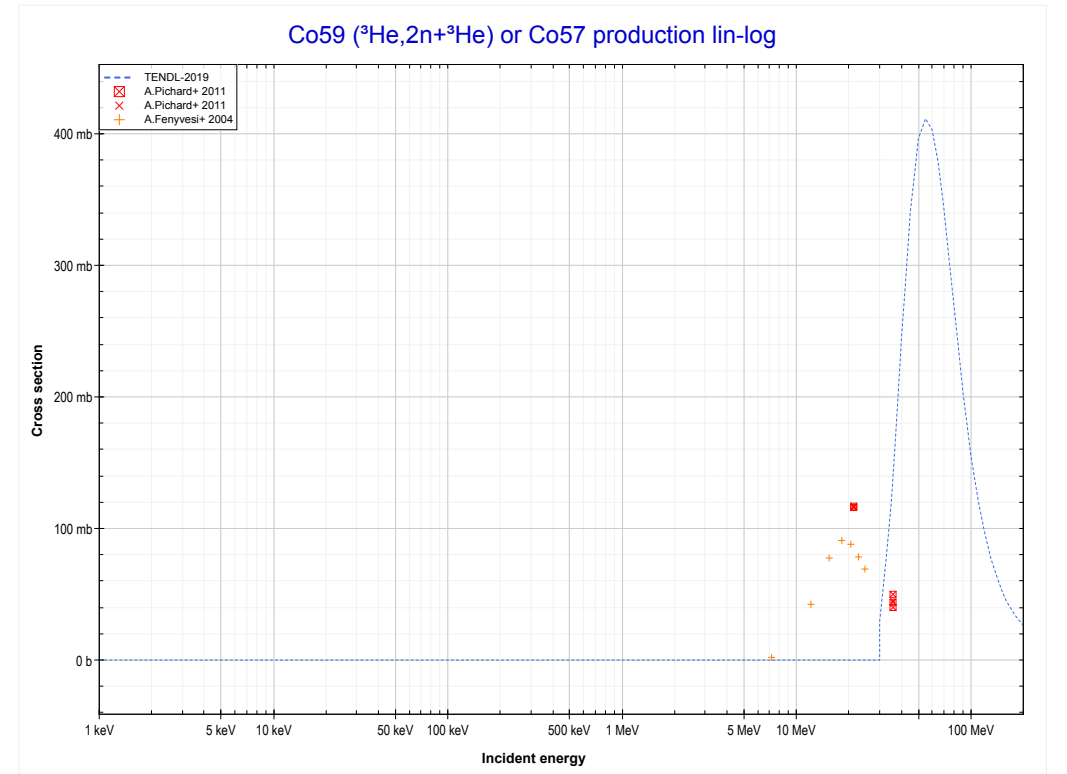
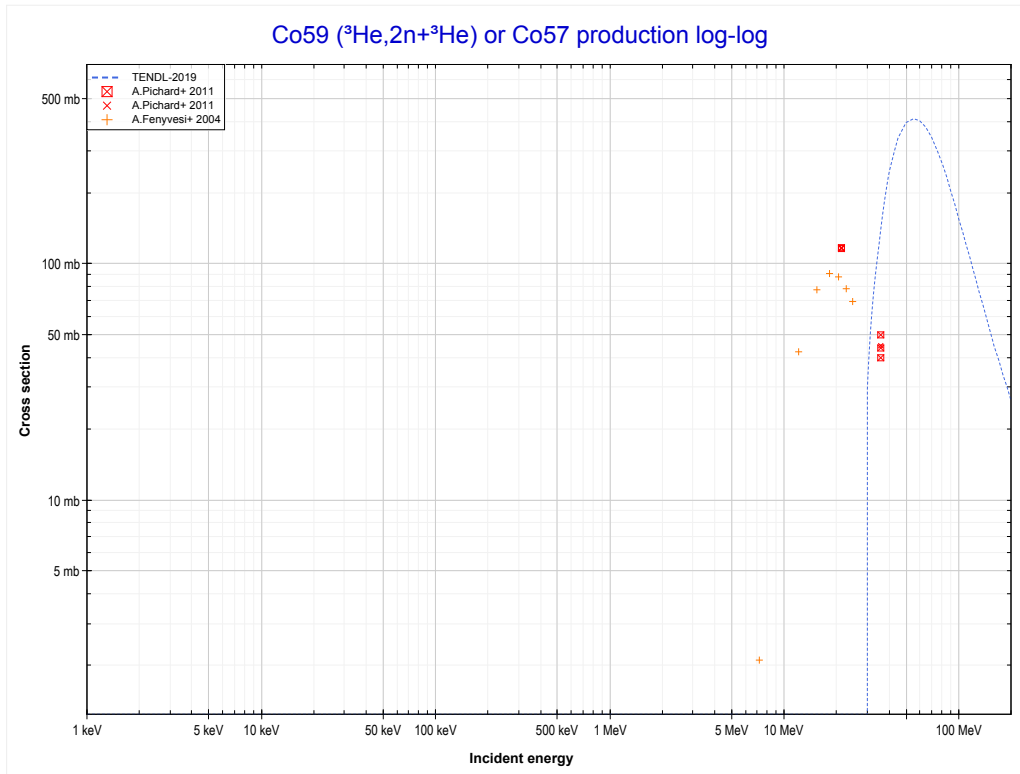
Reaction	Q-Value
Co59(He3,2n+t)Ni57	-22307.13 keV
Co59(He3,3n+d)Ni57	-28564.36 keV
Co59(He3,4n+p)Ni57	-30788.92 keV

	27-Co-59	92-U-236 >>
<< MT156 ($^3\text{He},4n+p$)	MT157 ($^3\text{He},3n+d$) or MT5 (Ni57 production)	MT176 ($^3\text{He},2n+^3\text{He}$) >>



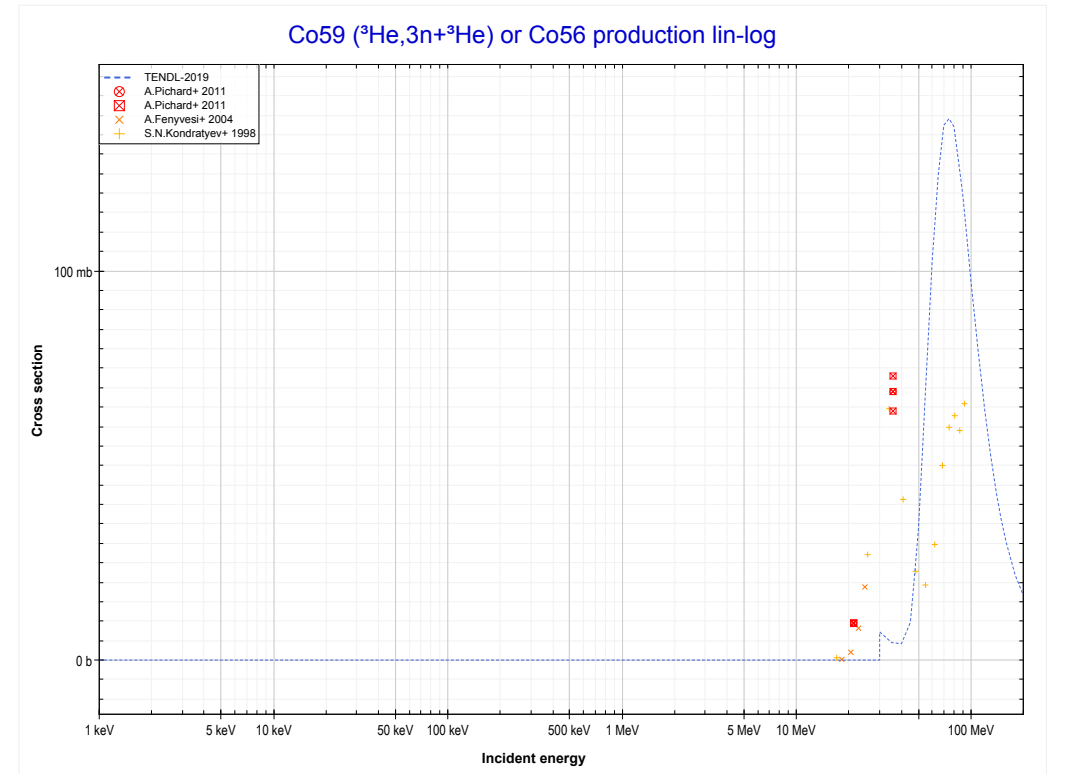
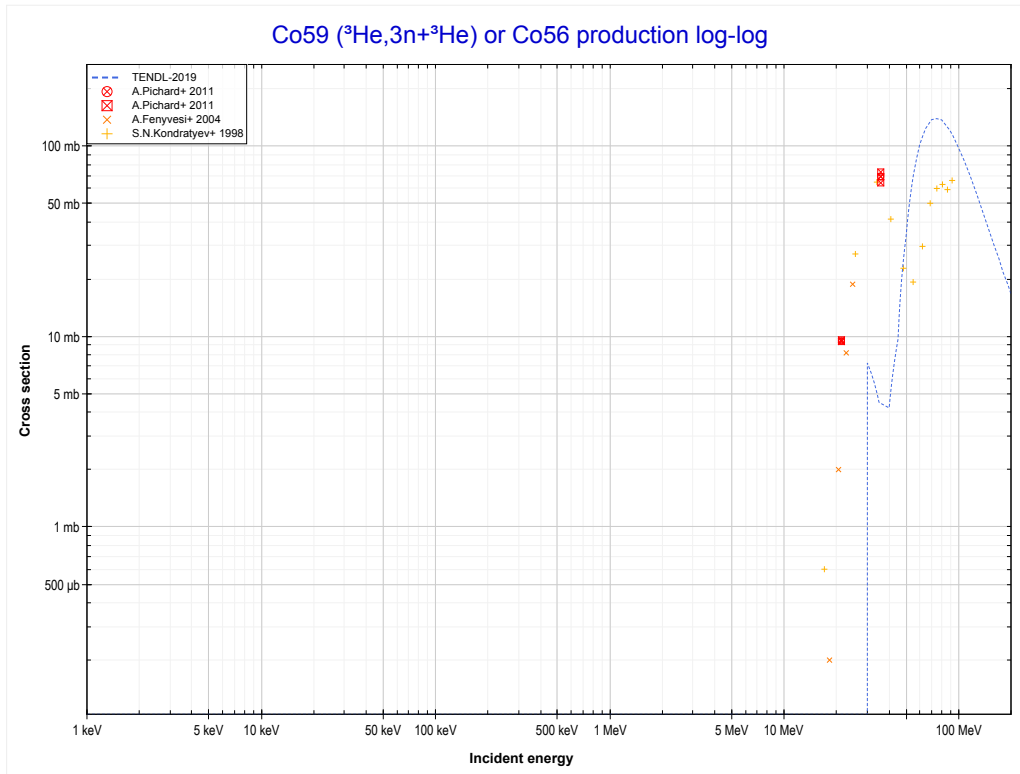
Reaction	Q-Value
Co59($\text{He}3,2n+t$)Ni57	-22307.13 keV
Co59($\text{He}3,3n+d$)Ni57	-28564.36 keV
Co59($\text{He}3,4n+p$)Ni57	-30788.92 keV

<< 21-Sc-45	27-Co-59	29-Cu-63 >>
<< MT157 (³ He,3n+d)	MT176 (³He,2n+³He) or MT5 (Co57 production)	MT177 (³ He,3n+ ³ He) >>



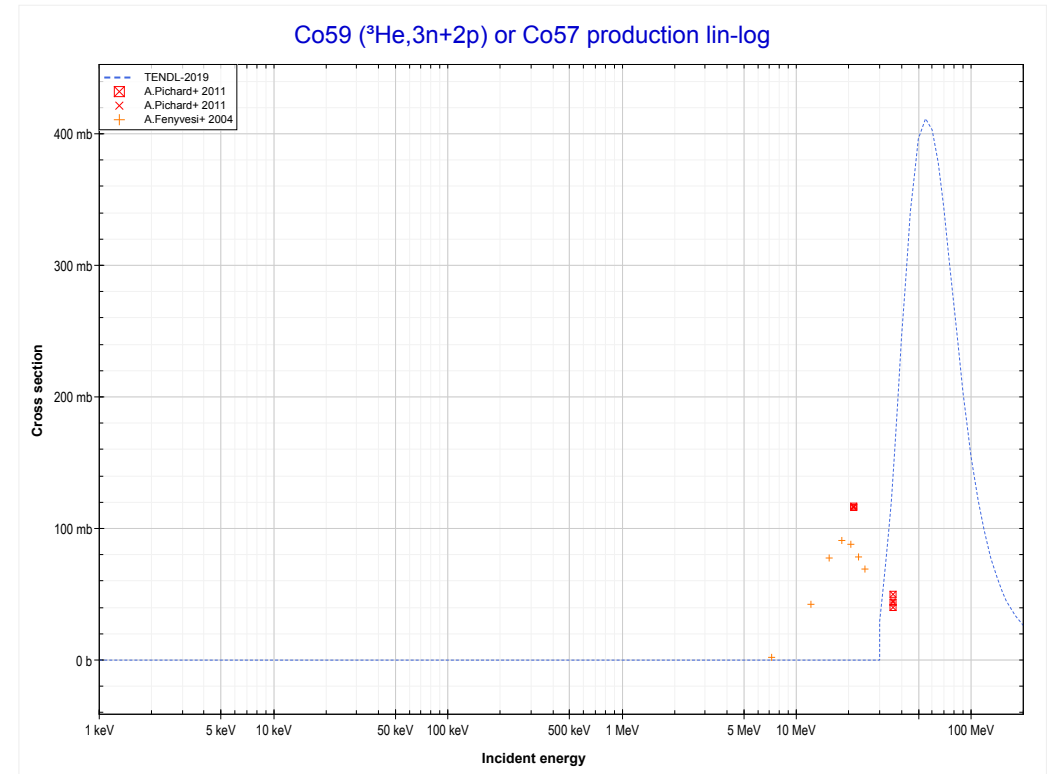
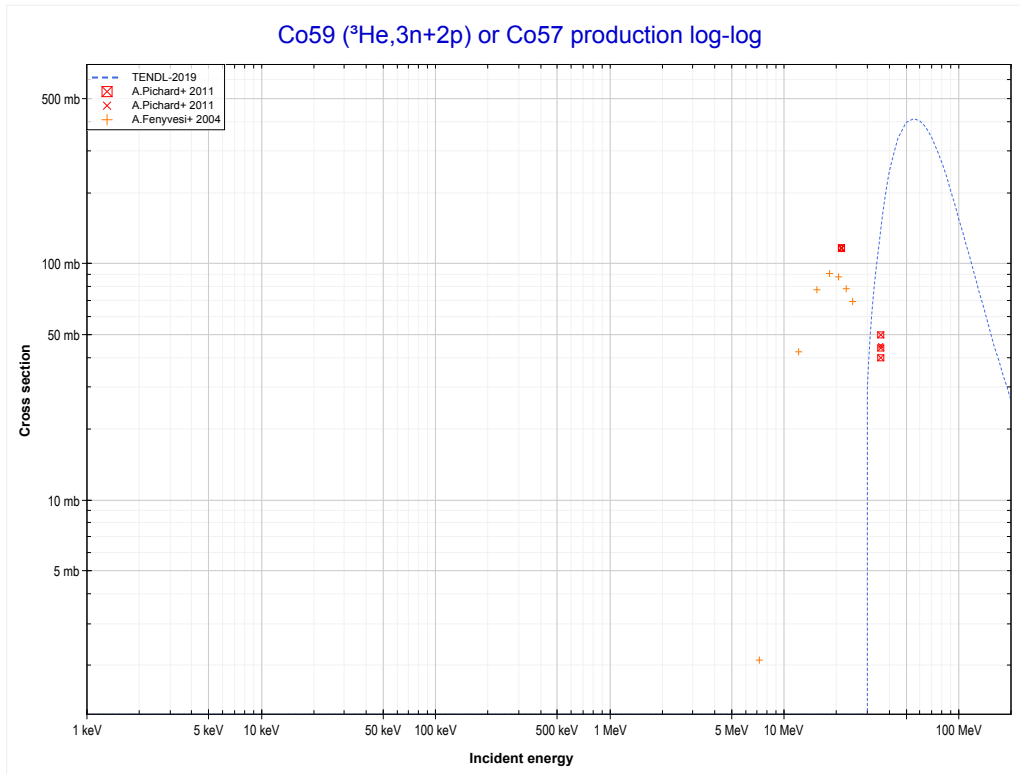
Reaction	Q-Value
Co59(He3,n+α)Co57	1550.89 keV
Co59(He3,d+t)Co57	-16038.41 keV
Co59(He3,n+p+t)Co57	-18262.98 keV
Co59(He3,2n+He3)Co57	-19026.73 keV
Co59(He3,n+2d)Co57	-22295.64 keV
Co59(He3,2n+p+d)Co57	-24520.21 keV
Co59(He3,3n+2p)Co57	-26744.77 keV

<< 13-Al-27	27-Co-59	47-Ag-107 >>
<< MT176 (³ He,2n+ ³ He)	MT177 (³He,3n+³He) or MT5 (Co56 production)	MT179 (³ He,3n+2p) >>



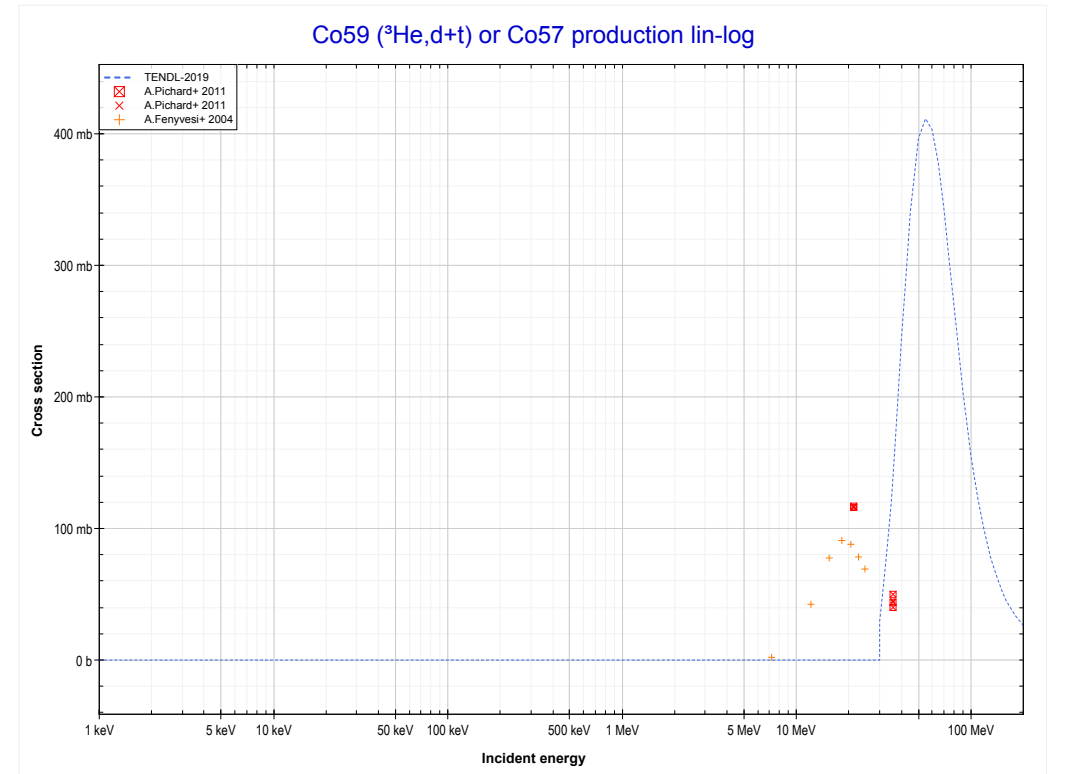
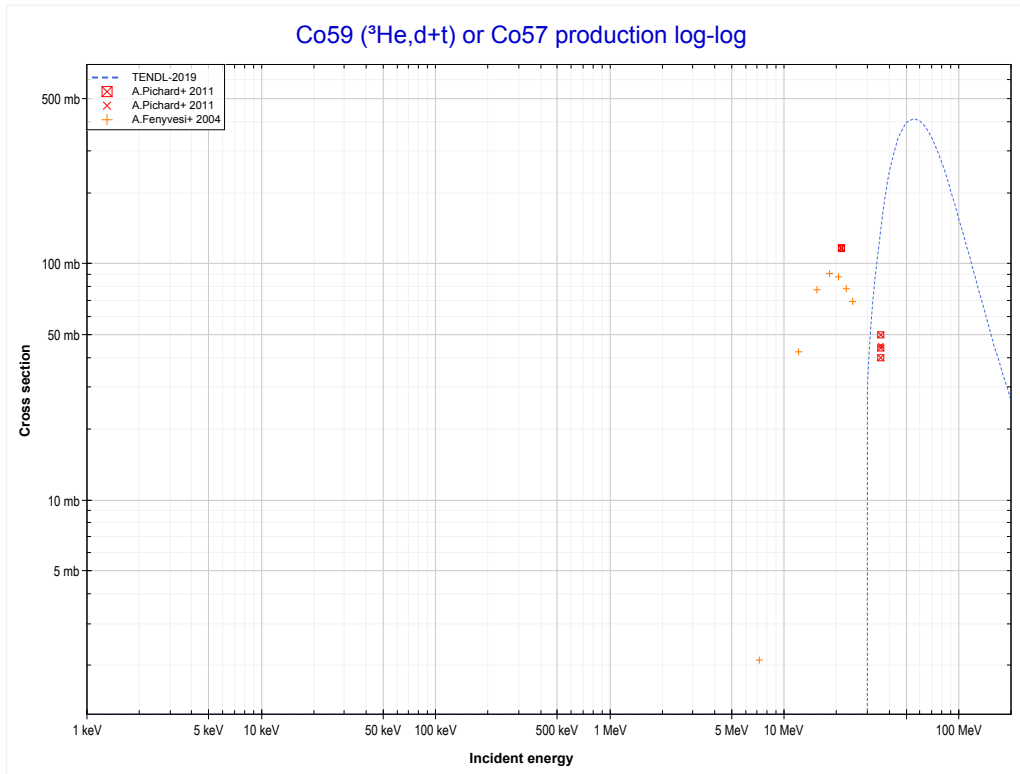
Reaction	Q-Value
Co59(He3,2n+α)Co56	-9825.63 keV
Co59(He3,2t)Co56	-21157.70 keV
Co59(He3,n+d+t)Co56	-27414.93 keV
Co59(He3,2n+p+t)Co56	-29639.50 keV
Co59(He3,3n+He3)Co56	-30403.25 keV
Co59(He3,2n+2d)Co56	-33672.16 keV
Co59(He3,3n+p+d)Co56	-35896.73 keV
Co59(He3,4n+2p)Co56	-38121.29 keV

<< 21-Sc-45	27-Co-59	29-Cu-63 >>
<< MT177 ($^3\text{He},3n+^3\text{He}$)	MT179 ($^3\text{He},3n+2p$) or MT5 (Co57 production)	MT182 ($^3\text{He},d+t$) >>



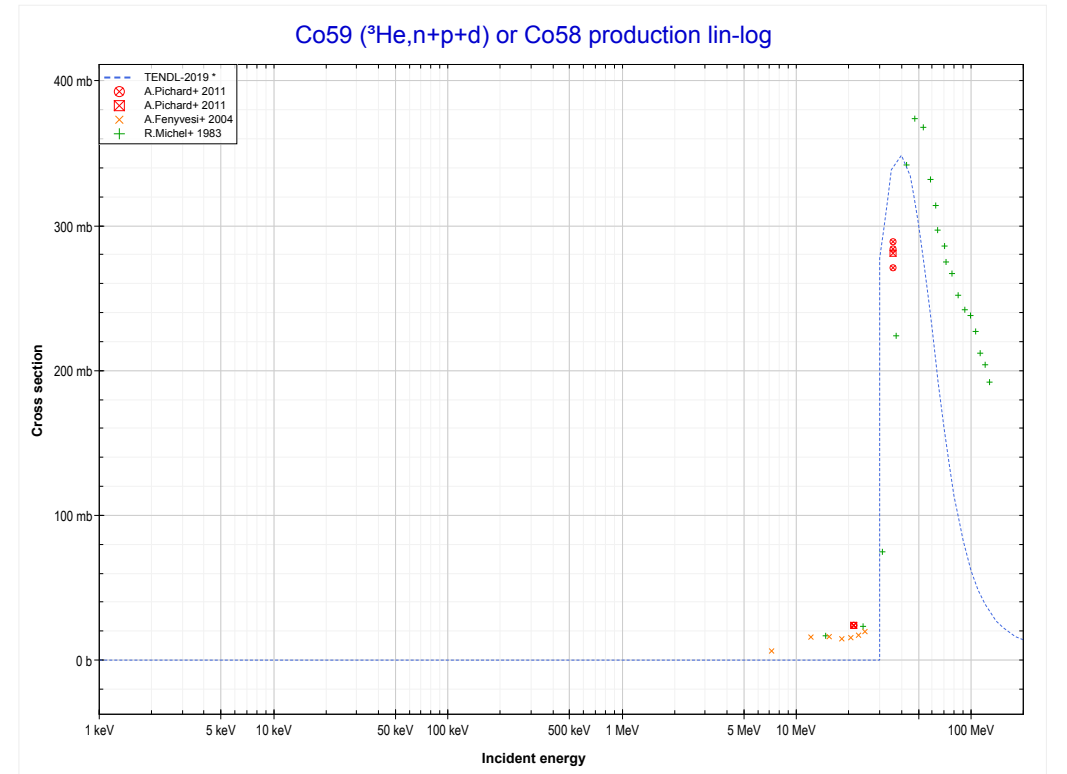
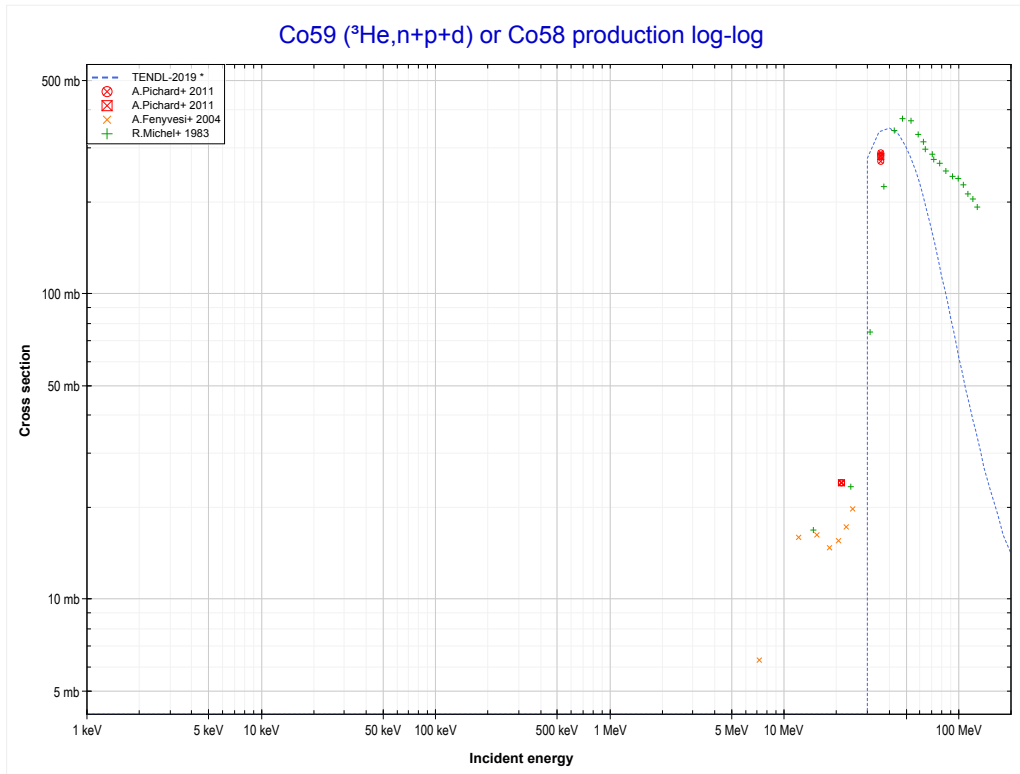
Reaction	Q-Value
Co59(He3,n+α)Co57	1550.89 keV
Co59(He3,d+t)Co57	-16038.41 keV
Co59(He3,n+p+t)Co57	-18262.98 keV
Co59(He3,2n+He3)Co57	-19026.73 keV
Co59(He3,n+2d)Co57	-22295.64 keV
Co59(He3,2n+p+d)Co57	-24520.21 keV
Co59(He3,3n+2p)Co57	-26744.77 keV

<< 21-Sc-45	27-Co-59	29-Cu-63 >>
<< MT179 (³ He,3n+2p)	MT182 (³He,d+t) or MT5 (Co57 production)	MT183 (³ He,n+p+d) >>



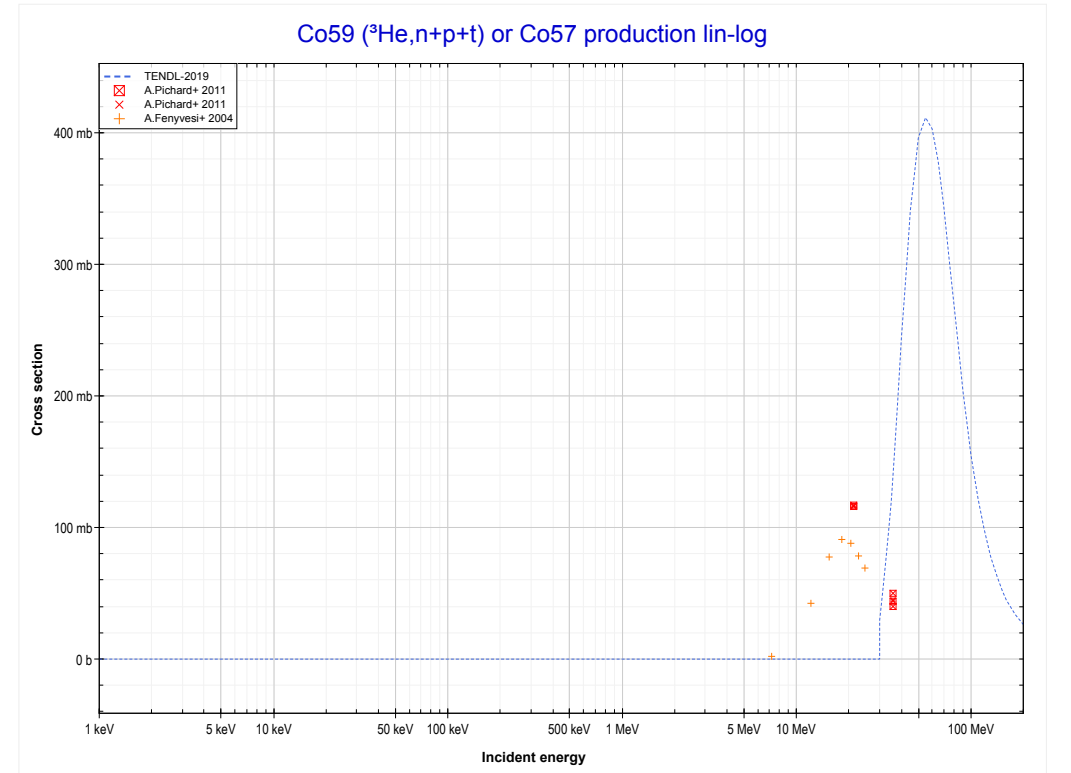
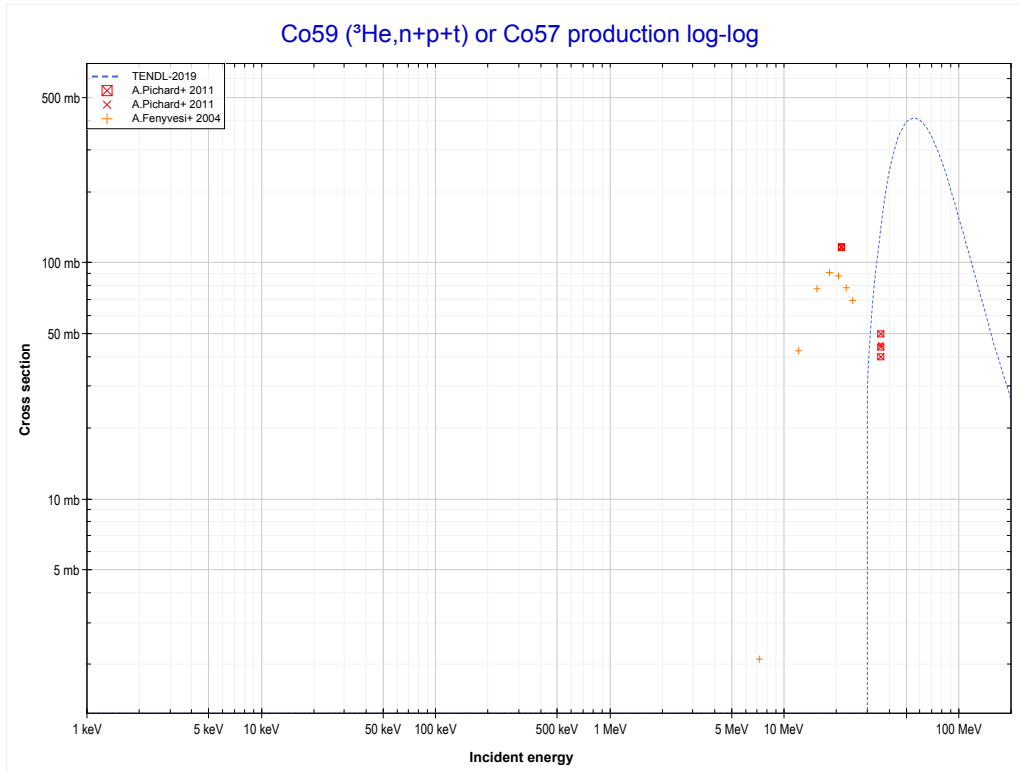
Reaction	Q-Value
Co59(He3,n+α)Co57	1550.89 keV
Co59(He3,d+t)Co57	-16038.41 keV
Co59(He3,n+p+t)Co57	-18262.98 keV
Co59(He3,2n+He3)Co57	-19026.73 keV
Co59(He3,n+2d)Co57	-22295.64 keV
Co59(He3,2n+p+d)Co57	-24520.21 keV
Co59(He3,3n+2p)Co57	-26744.77 keV

<< 25-Mn-55	27-Co-59	29-Cu-65 >>
<< MT182 (³ He,d+t)	MT183 (³He,n+p+d) or MT5 (Co58 production)	MT184 (³ He,n+p+t) >>



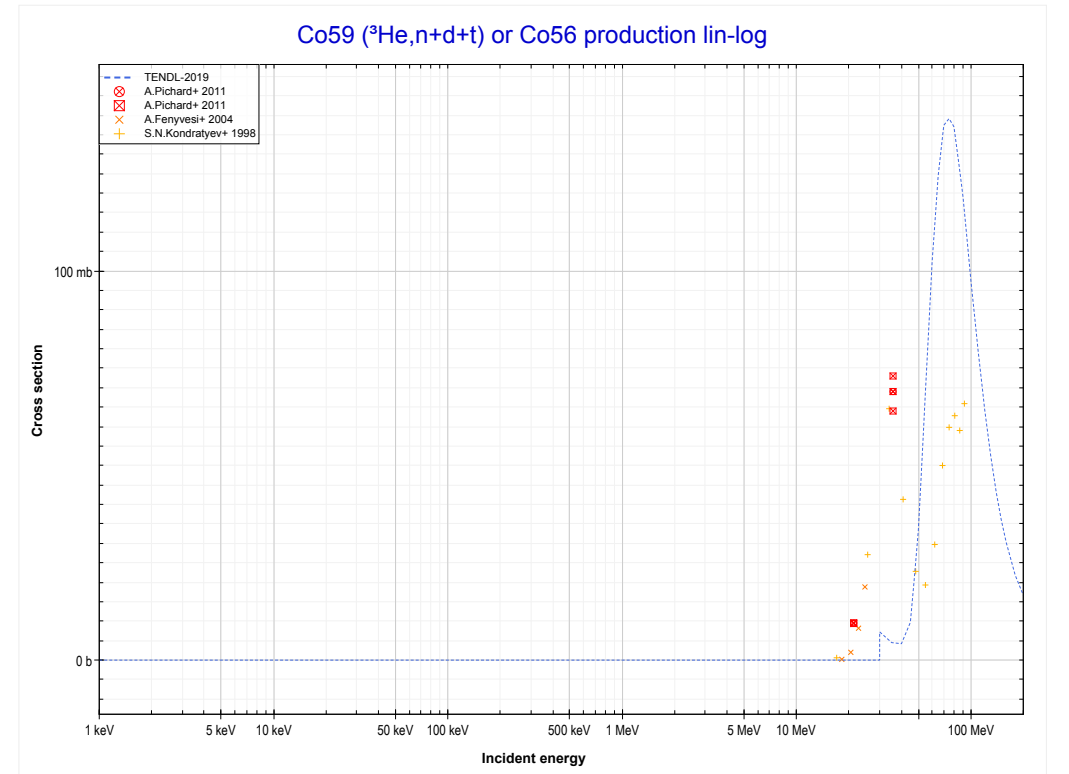
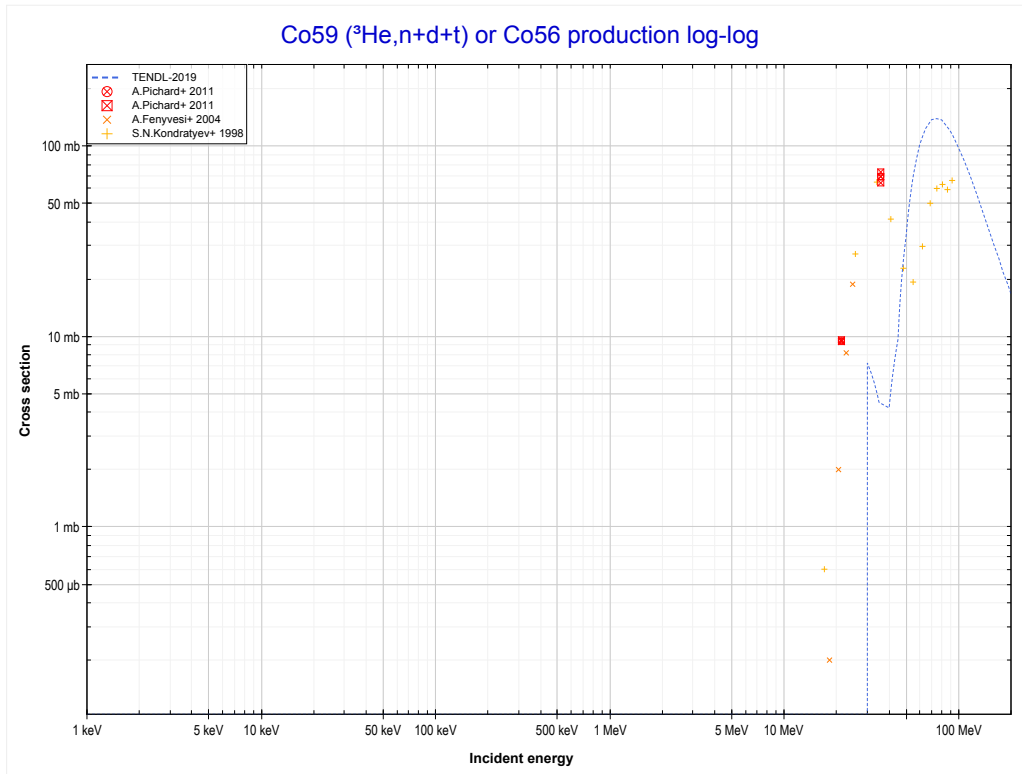
Reaction	Q-Value
Co59(He3, α)Co58	10123.80 keV
Co59(He3,p+t)Co58	-9690.06 keV
Co59(He3,n+He3)Co58	-10453.82 keV
Co59(He3,2d)Co58	-13722.73 keV
Co59(He3,n+p+d)Co58	-15947.29 keV
Co59(He3,2n+2p)Co58	-18171.86 keV

<< 21-Sc-45	27-Co-59	29-Cu-63 >>
<< MT183 ($^3\text{He},n+p+d$)	MT184 ($^3\text{He},n+p+t$) or MT5 (Co57 production)	MT185 ($^3\text{He},n+d+t$) >>



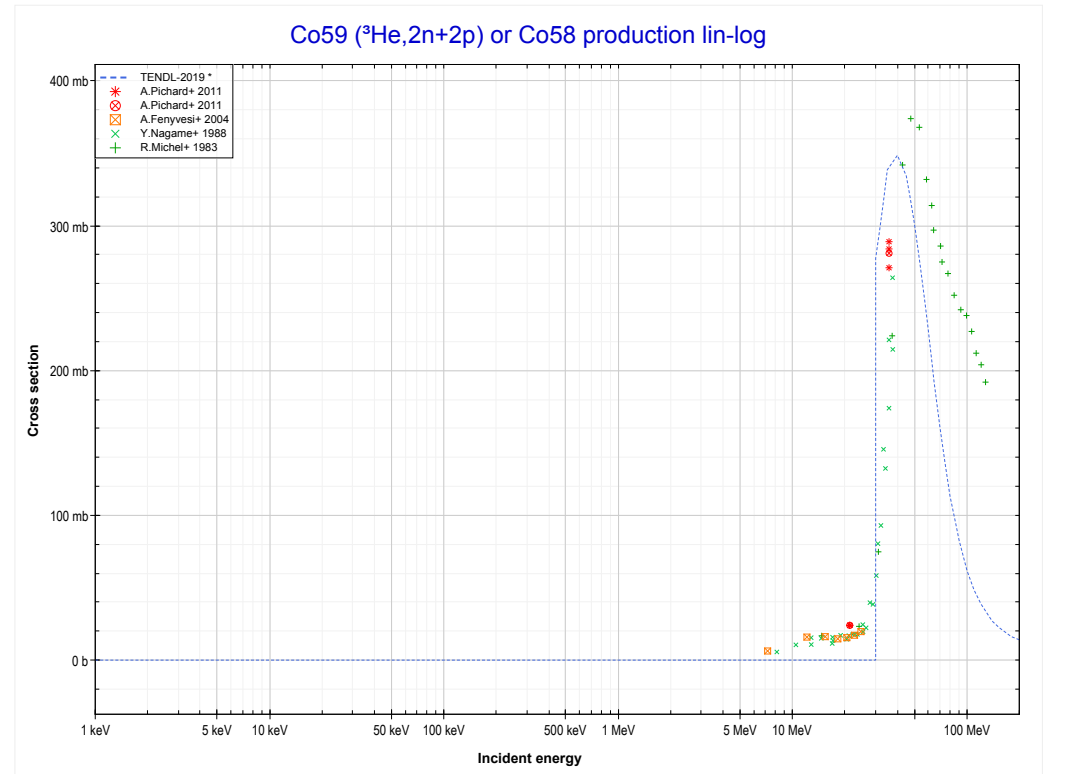
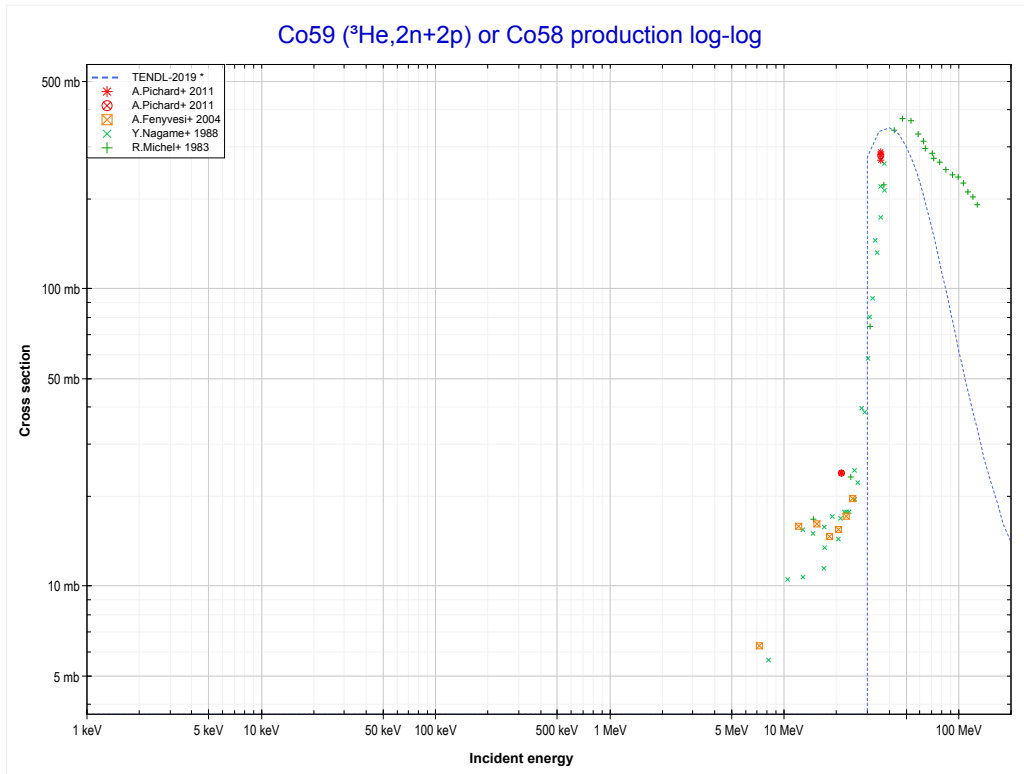
Reaction	Q-Value
Co59(He3,n+α)Co57	1550.89 keV
Co59(He3,d+t)Co57	-16038.41 keV
Co59(He3,n+p+t)Co57	-18262.98 keV
Co59(He3,2n+He3)Co57	-19026.73 keV
Co59(He3,n+2d)Co57	-22295.64 keV
Co59(He3,2n+p+d)Co57	-24520.21 keV
Co59(He3,3n+2p)Co57	-26744.77 keV

<< 13-Al-27	27-Co-59	47-Ag-107 >>
<< MT184 (³ He,n+p+t)	MT185 (³He,n+d+t) or MT5 (Co56 production)	MT190 (³ He,2n+2p) >>



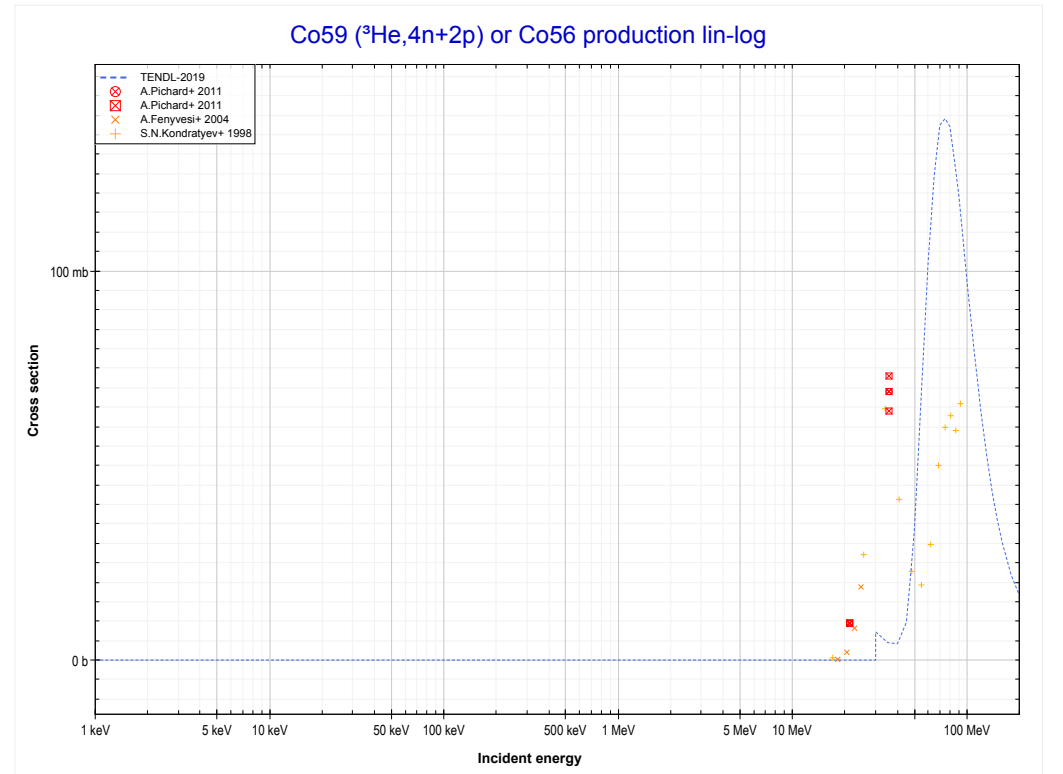
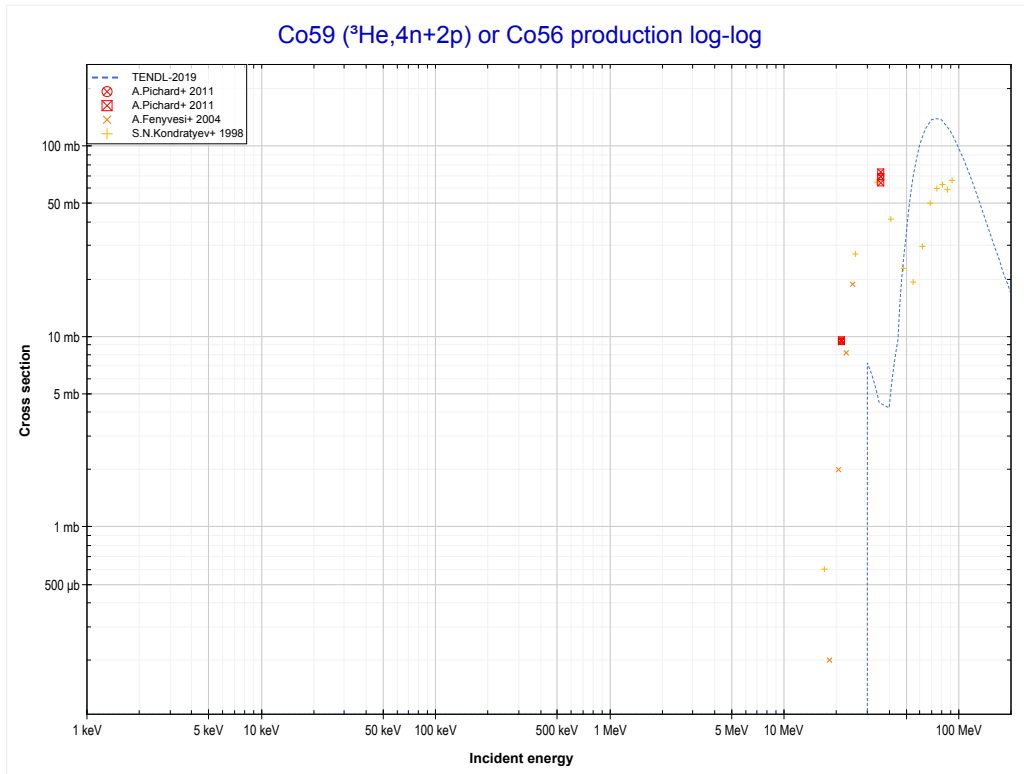
Reaction	Q-Value
Co59(He3,2n+α)Co56	-9825.63 keV
Co59(He3,2t)Co56	-21157.70 keV
Co59(He3,n+d+t)Co56	-27414.93 keV
Co59(He3,2n+p+t)Co56	-29639.50 keV
Co59(He3,3n+He3)Co56	-30403.25 keV
Co59(He3,2n+2d)Co56	-33672.16 keV
Co59(He3,3n+p+d)Co56	-35896.73 keV
Co59(He3,4n+2p)Co56	-38121.29 keV

<< 25-Mn-55	27-Co-59	29-Cu-65 >>
<< MT185 (³ He,n+d+t)	MT190 (³He,2n+2p) or MT5 (Co58 production)	MT194 (³ He,4n+2p) >>



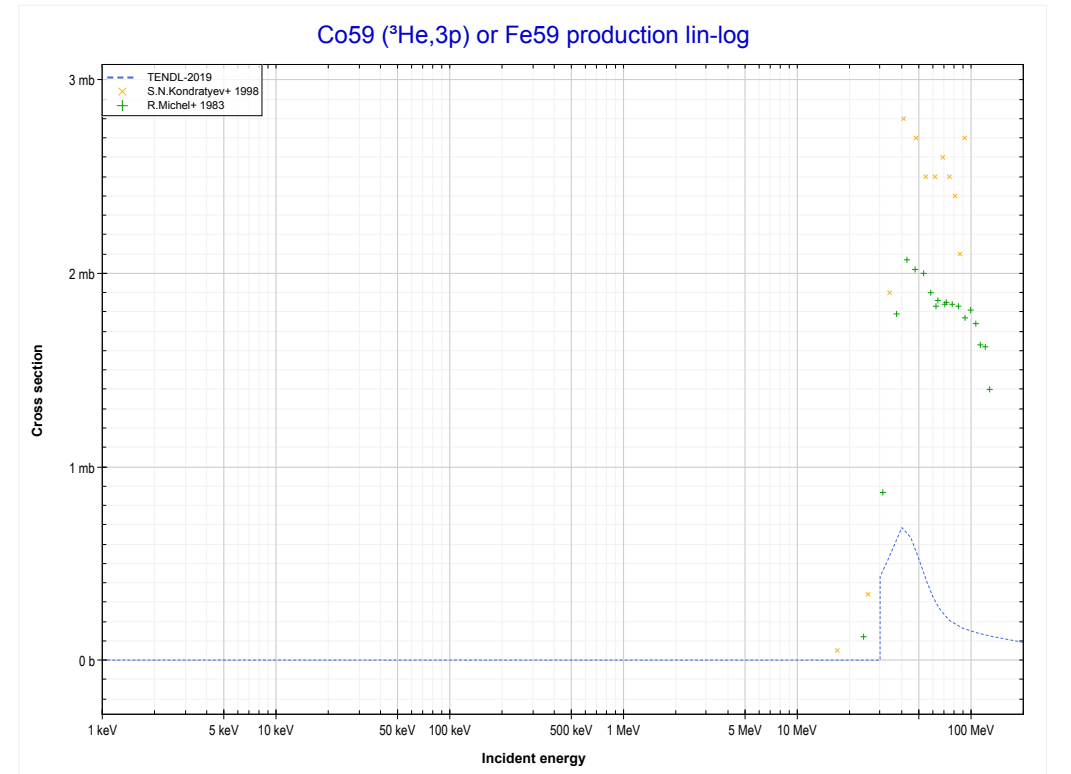
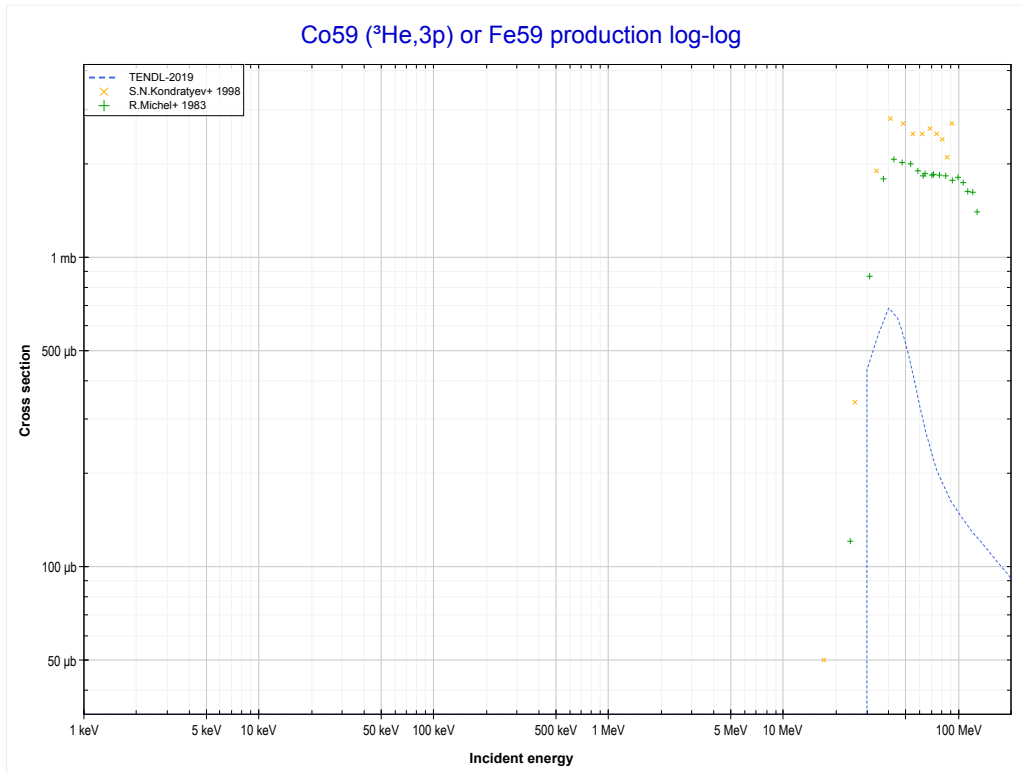
Reaction	Q-Value
Co59(He3,α)Co58	10123.80 keV
Co59(He3,p+t)Co58	-9690.06 keV
Co59(He3,n+He3)Co58	-10453.82 keV
Co59(He3,2d)Co58	-13722.73 keV
Co59(He3,n+p+d)Co58	-15947.29 keV
Co59(He3,2n+2p)Co58	-18171.86 keV

<< 13-Al-27	27-Co-59	47-Ag-107 >>
<< MT190 (³ He,2n+2p)	MT194 (³He,4n+2p) or MT5 (Co56 production)	MT197 (³ He,3p) >>



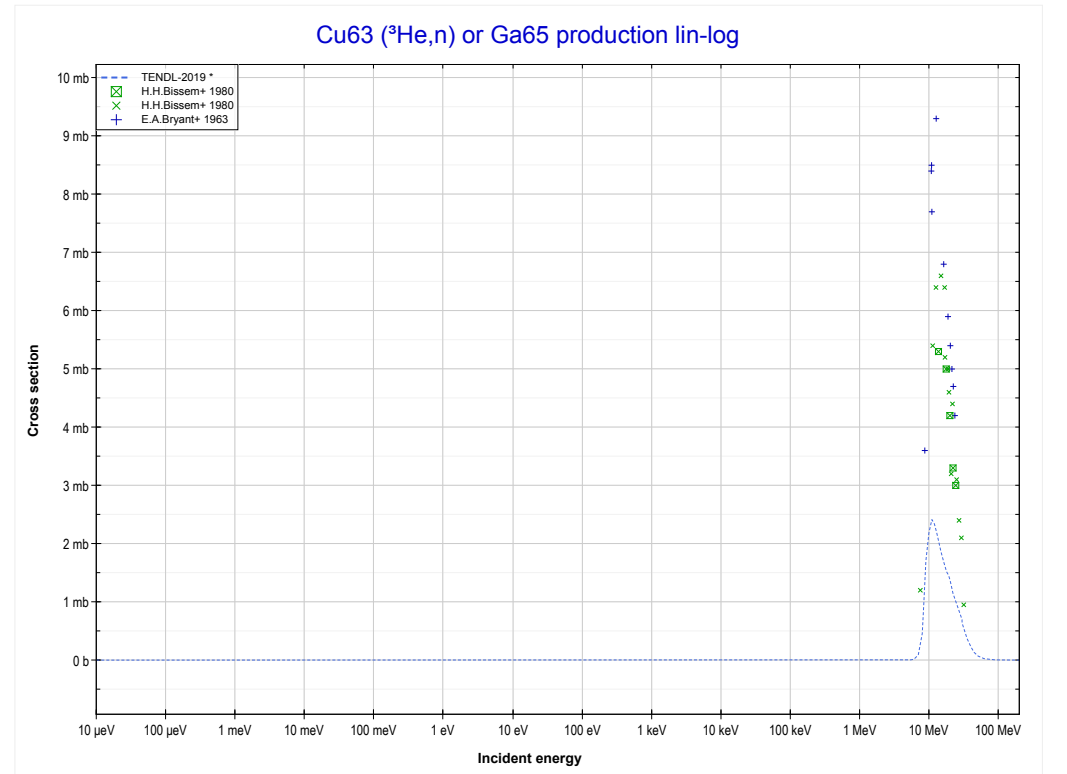
Reaction	Q-Value
Co59(He3,2n+α)Co56	-9825.63 keV
Co59(He3,2t)Co56	-21157.70 keV
Co59(He3,n+d+t)Co56	-27414.93 keV
Co59(He3,2n+p+t)Co56	-29639.50 keV
Co59(He3,3n+He3)Co56	-30403.25 keV
Co59(He3,2n+2d)Co56	-33672.16 keV
Co59(He3,3n+p+d)Co56	-35896.73 keV
Co59(He3,4n+2p)Co56	-38121.29 keV

<< 14-Si-28	27-Co-59	29-Cu-65 >>
<< MT194 (³ He,4n+2p)	MT197 (³He,3p) or MT5 (Fe59 production)	29-Cu-63 MT4 (³ He,n) >>



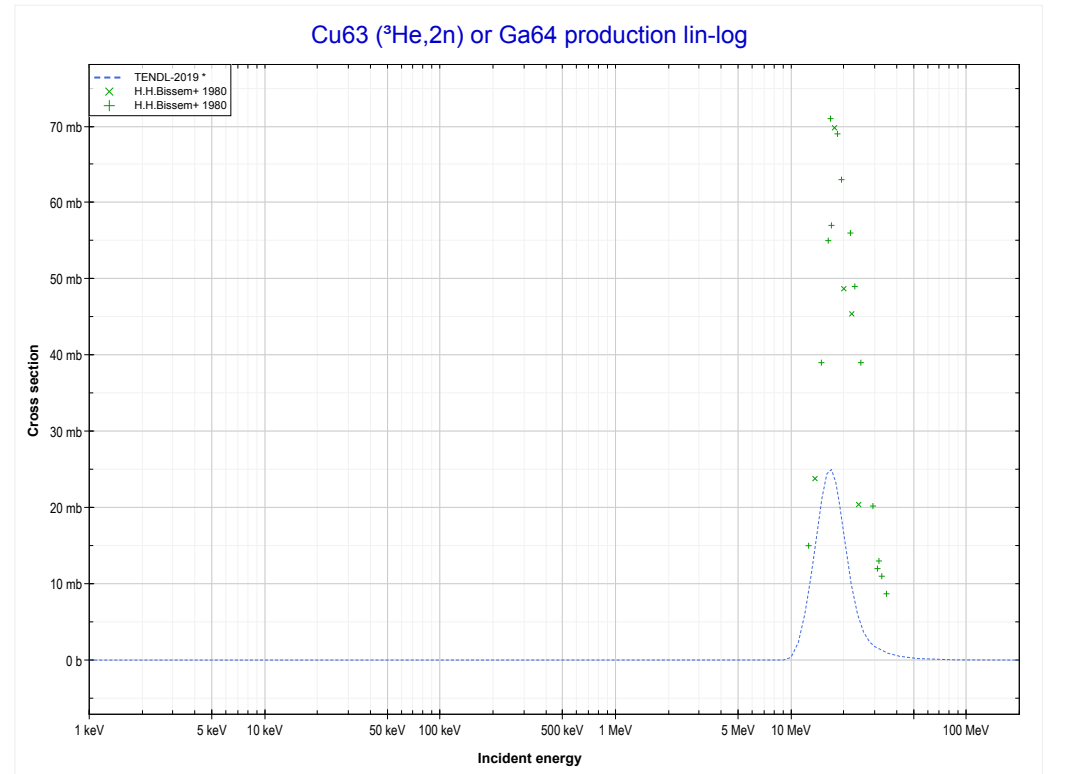
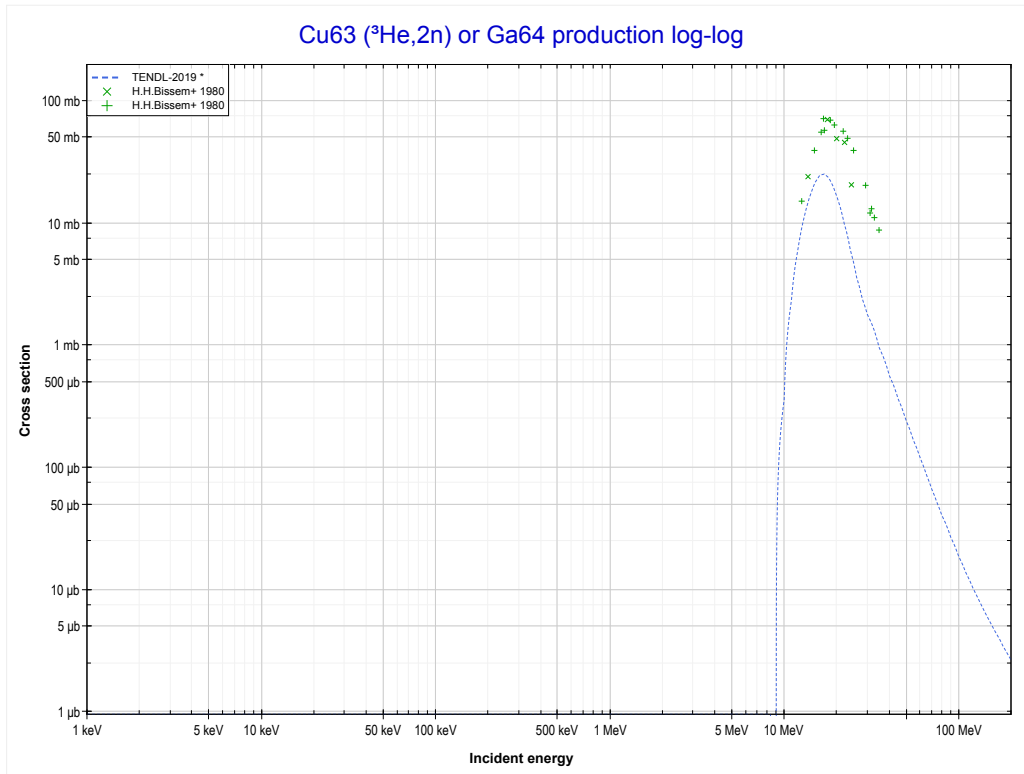
Reaction	Q-Value
Co59(He3,3p)Fe59	-8500.59 keV

<< 27-Co-59	29-Cu-63	29-Cu-65 >>
<< 27-Co-59 MT197 (³ He,3p)	MT4 (³He,n) or MT5 (Ga65 production)	MT16 (³ He,2n) >>



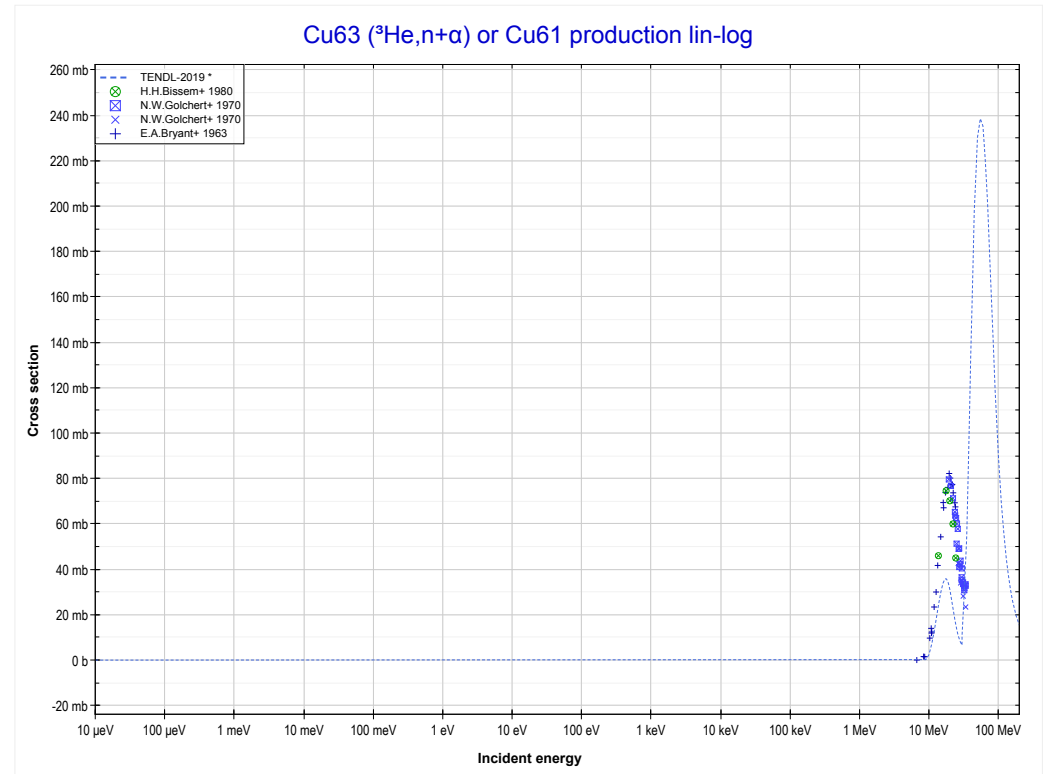
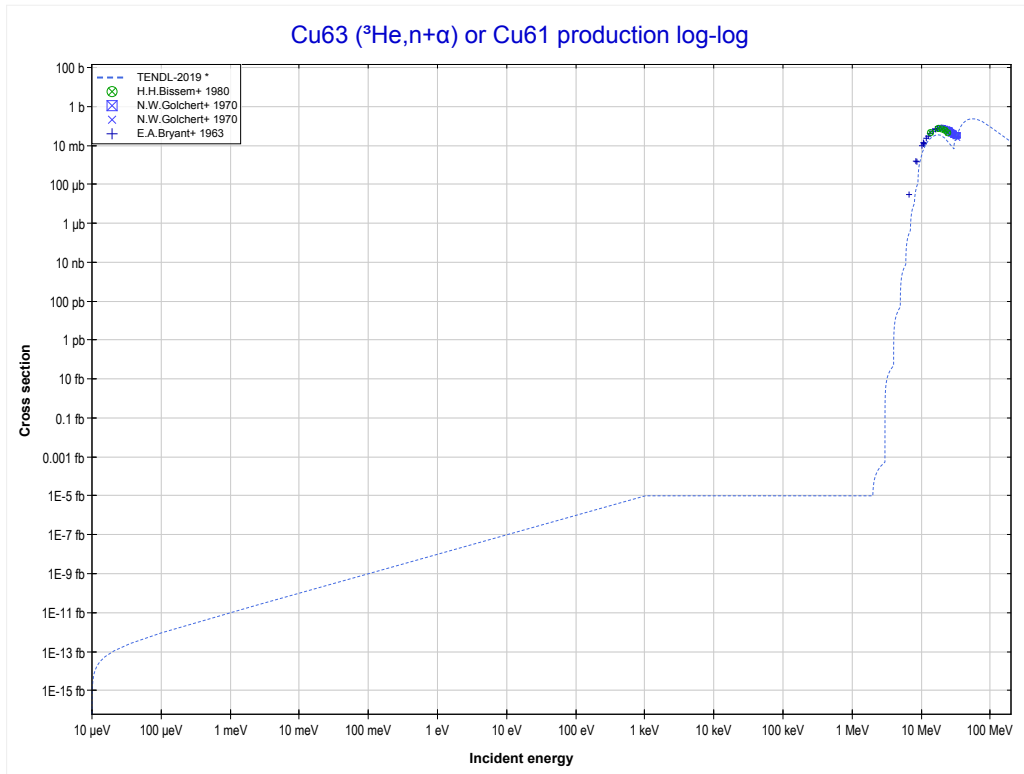
Reaction	Q-Value
Cu63(He3,n)Ga65	3937.60 keV

<< 27-Co-59	29-Cu-63	29-Cu-65 >>
<< MT4 (³ He,n)	MT16 (³He,2n) or MT5 (Ga64 production)	MT22 (³ He,n+α) >>



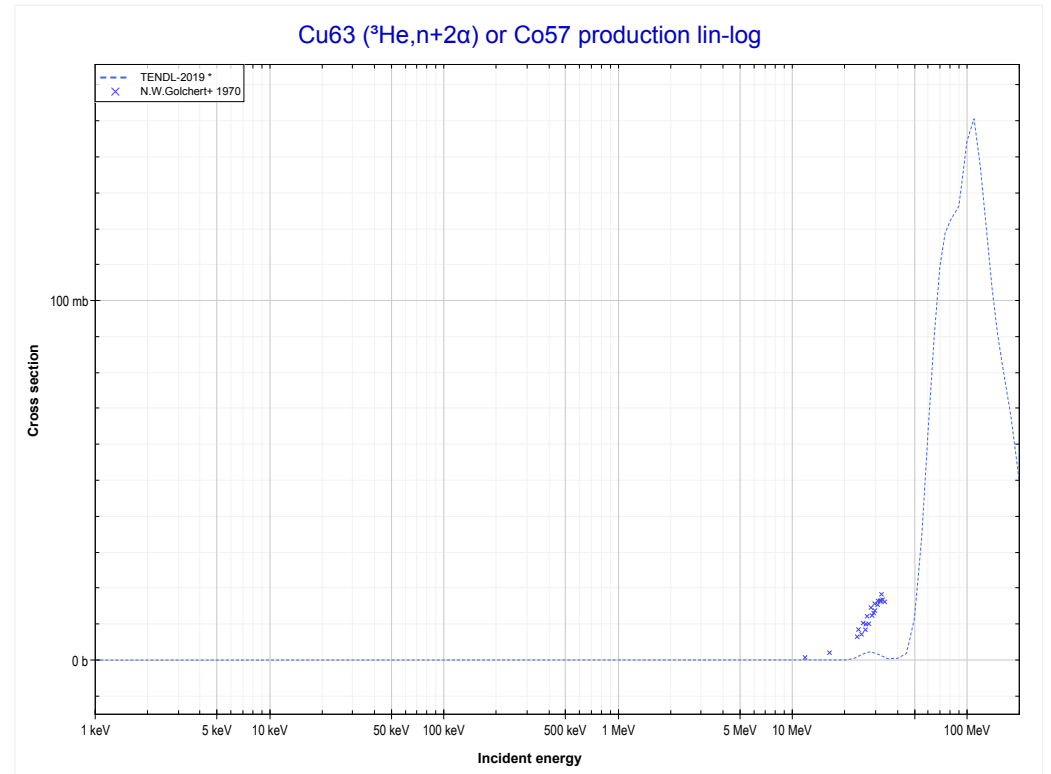
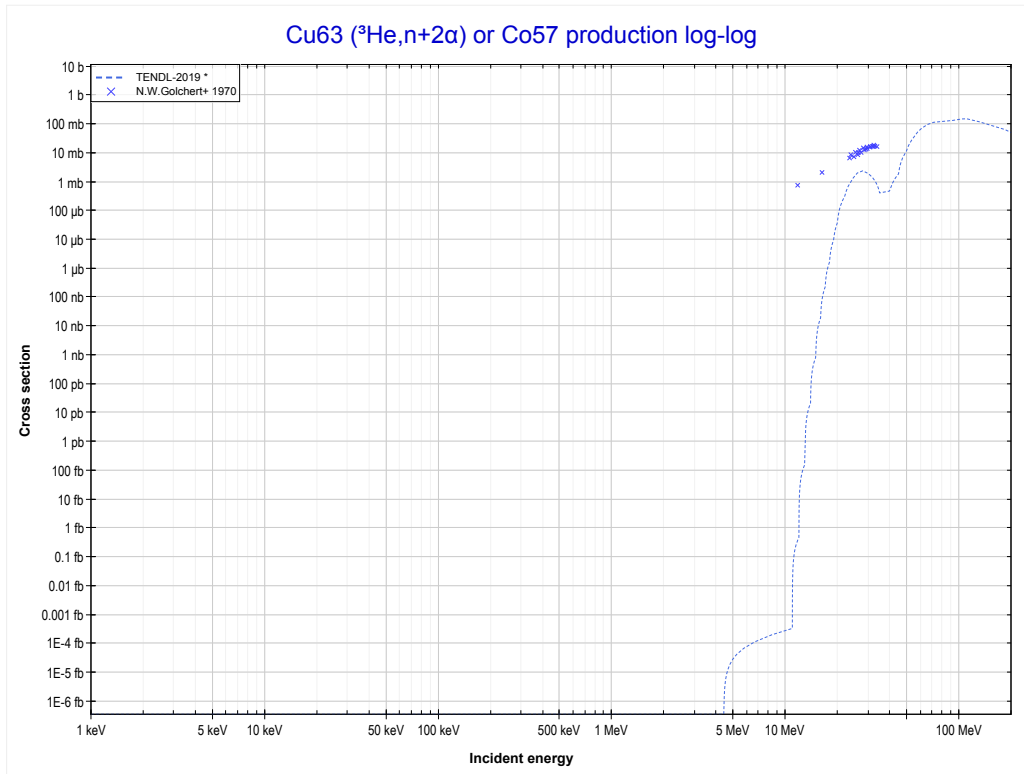
Reaction	Q-Value
Cu63(He3,2n)Ga64	-7958.42 keV

<< 27-Co-59	29-Cu-63	30-Zn-64 >>
<< MT16 (³ He,2n)	MT22 (³He,n+α) or MT5 (Cu61 production)	MT29 (³ He,n+2α) >>



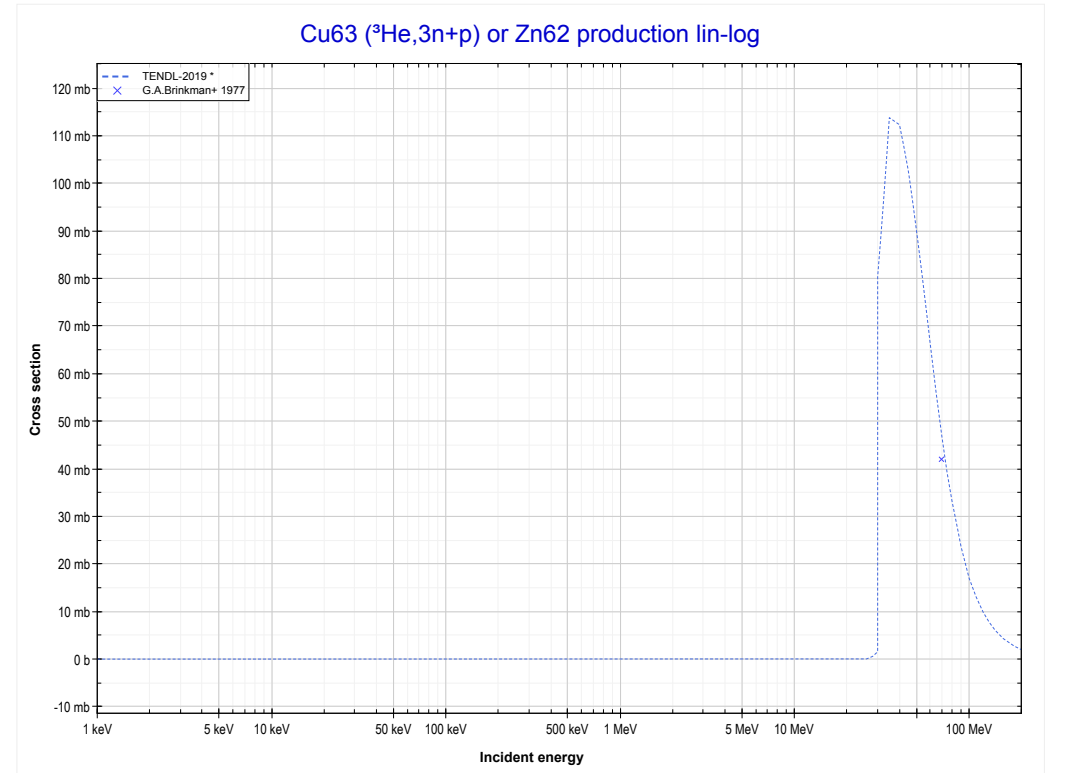
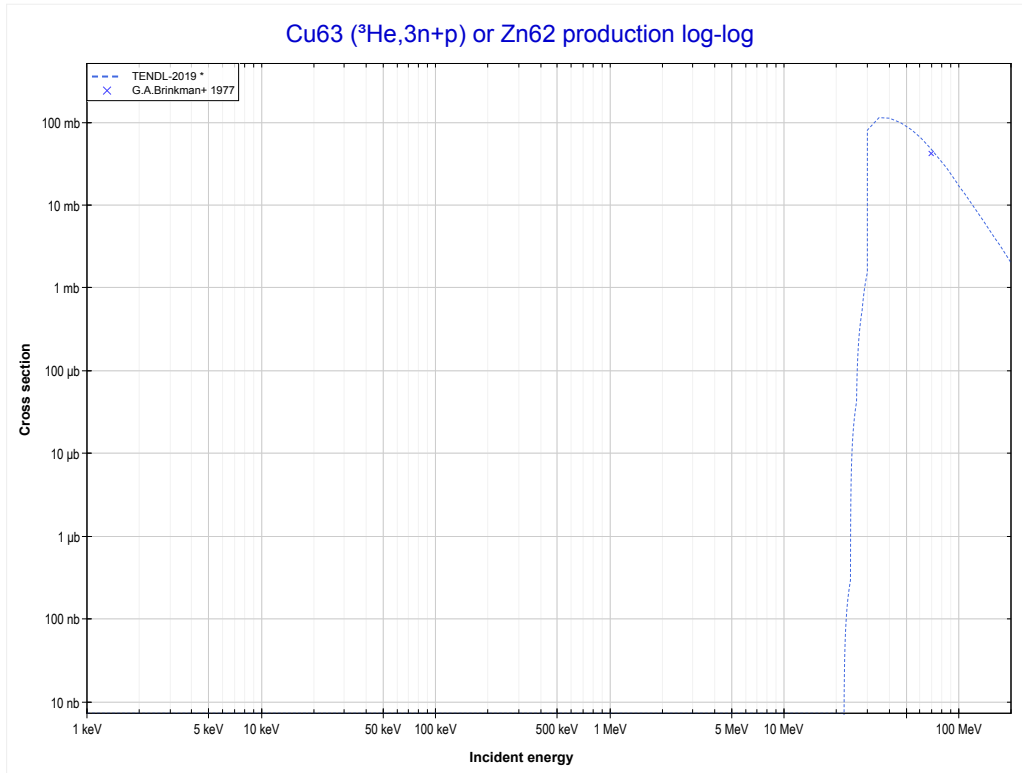
Reaction	Q-Value
Cu63(He3,n+α)Cu61	839.29 keV
Cu63(He3,d+t)Cu61	-16750.01 keV
Cu63(He3,n+p+t)Cu61	-18974.58 keV
Cu63(He3,2n+He3)Cu61	-19738.33 keV
Cu63(He3,n+2d)Cu61	-23007.24 keV
Cu63(He3,2n+p+d)Cu61	-25231.81 keV
Cu63(He3,3n+2p)Cu61	-27456.37 keV

29-Cu-63		
<< MT22 ($^3\text{He},n+\alpha$)	MT29 ($^3\text{He},n+2\alpha$) or MT5 (Co57 production)	MT42 ($^3\text{He},3n+p$) >>



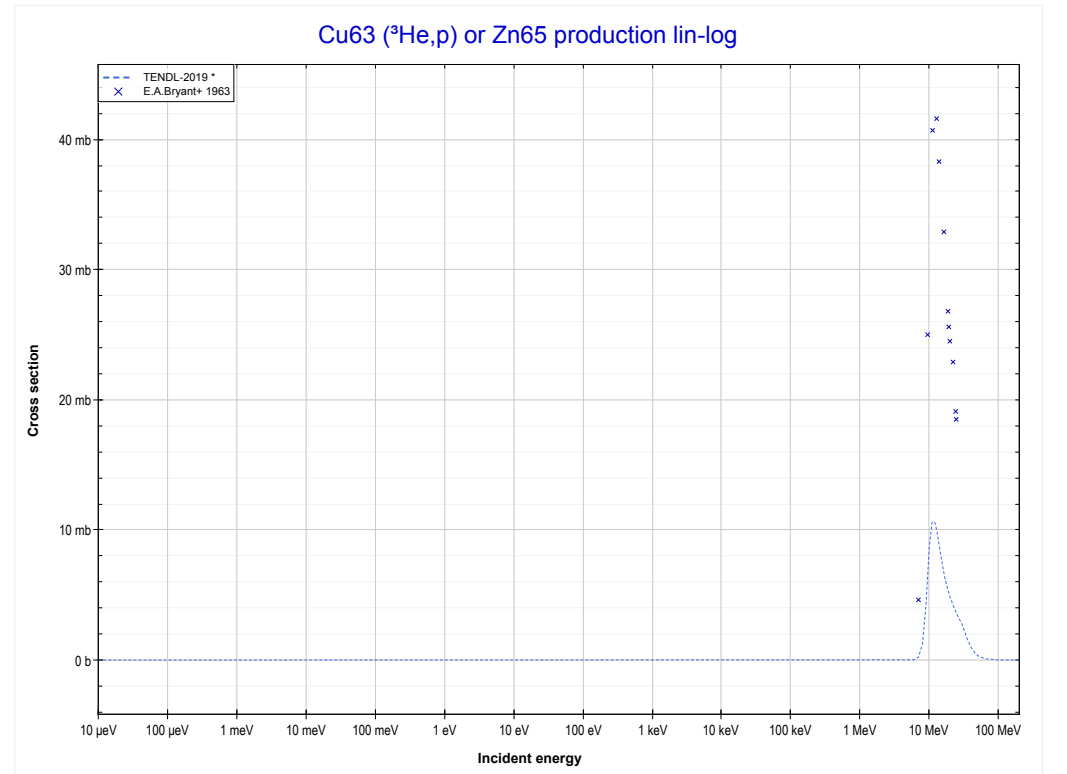
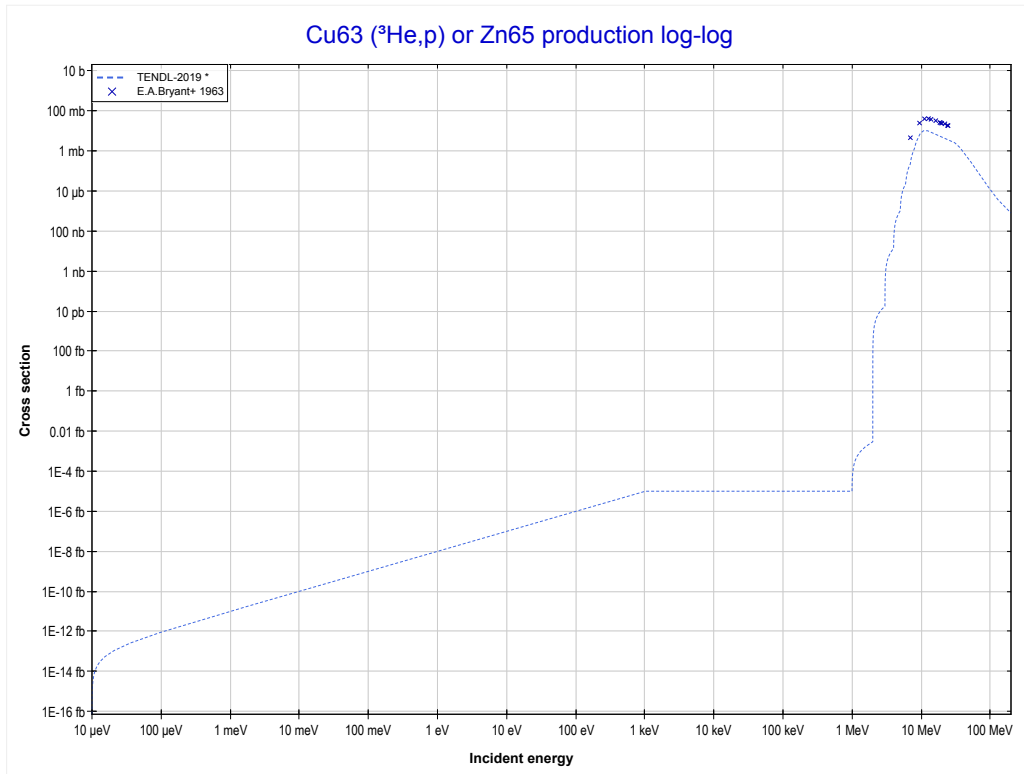
Reaction	Q-Value	Reaction	Q-Value
Cu63($\text{He}3,n+2\alpha$)Co57	-4224.13 keV	Cu63($\text{He}3,p+d+2t$)Co57	-41627.29 keV
Cu63($\text{He}3,d+t+\alpha$)Co57	-21813.43 keV	Cu63($\text{He}3,n+d+t+\text{He}3$)Co57	-42391.05 keV
Cu63($\text{He}3,n+p+t+\alpha$)Co57	-24038.00 keV	Cu63($\text{He}3,n+2p+2t$)Co57	-43851.86 keV
Cu63($\text{He}3,2n+\text{He}3+\alpha$)Co57	-24801.75 keV	Cu63($\text{He}3,2n+p+t+\text{He}3$)Co57	-44615.61 keV
Cu63($\text{He}3,n+2d+\alpha$)Co57	-28070.66 keV	Cu63($\text{He}3,3n+2\text{He}3$)Co57	-45379.37 keV
Cu63($\text{He}3,2n+p+d+\alpha$)Co57	-30295.22 keV	Cu63($\text{He}3,3d+t$)Co57	-45659.96 keV
Cu63($\text{He}3,3n+2p+\alpha$)Co57	-32519.79 keV	Cu63($\text{He}3,n+p+2d+t$)Co57	-47884.52 keV
Cu63($\text{He}3,2t+\text{He}3$)Co57	-36133.82 keV	Cu63($\text{He}3,2n+2d+\text{He}3$)Co57	-48648.28 keV

<< 13-Al-27	29-Cu-63	34-Se-76 >>
<< MT29 ($^3\text{He},n+2\alpha$)	MT42 ($^3\text{He},3n+p$) or MT5 (Zn62 production)	MT103 ($^3\text{He},p$) >>



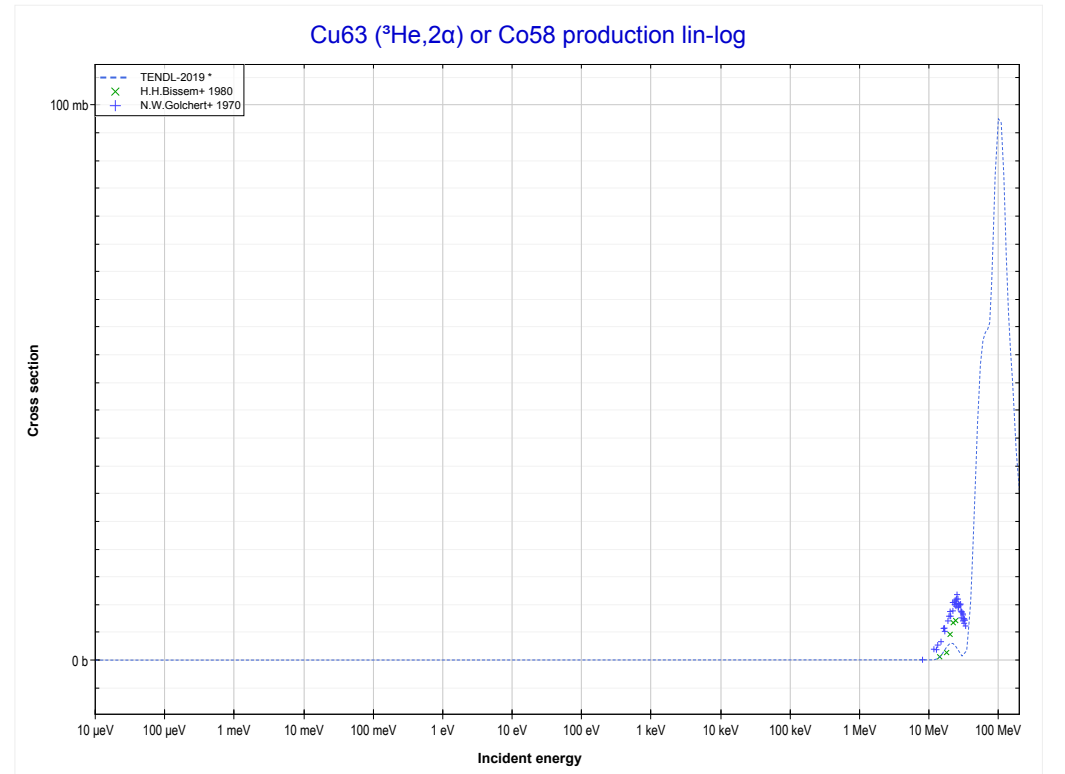
Reaction	Q-Value
Cu63(He3,n+t)Zn62	-12501.71 keV
Cu63(He3,2n+d)Zn62	-18758.94 keV
Cu63(He3,3n+p)Zn62	-20983.50 keV

<< 26-Fe-56	29-Cu-63	30-Zn-64 >>
<< MT42 (³ He,3n+p)	MT103 (³He,p) or MT5 (Zn65 production)	MT108 (³ He,2α) >>



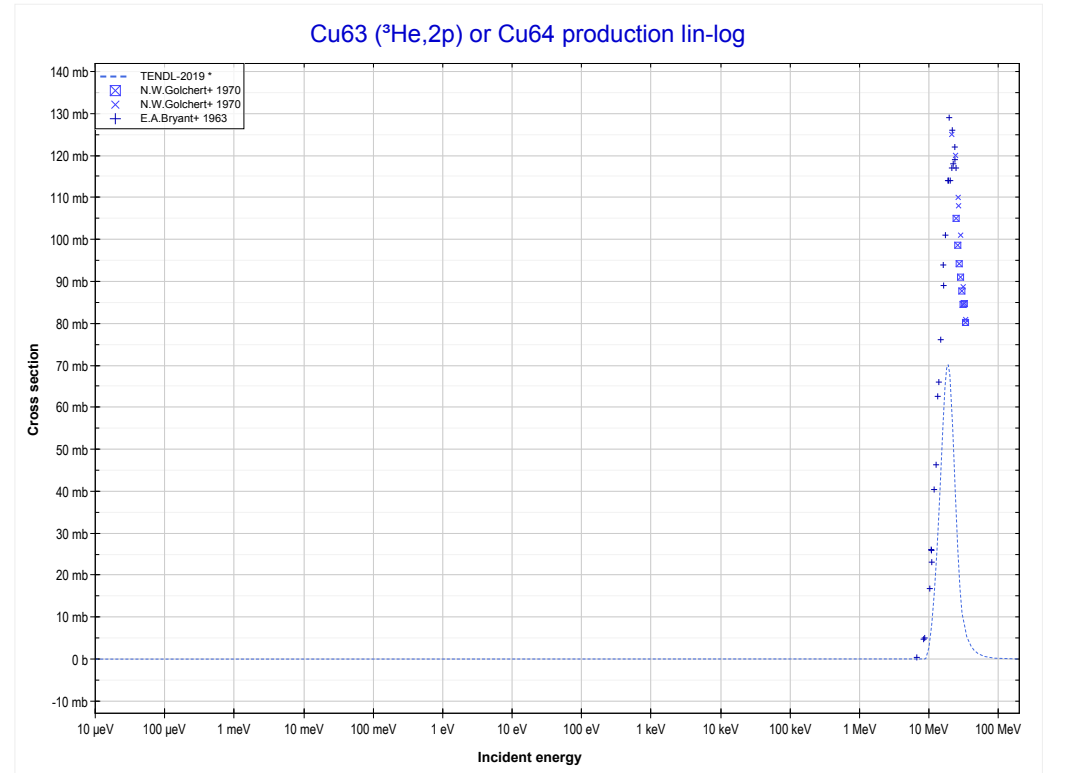
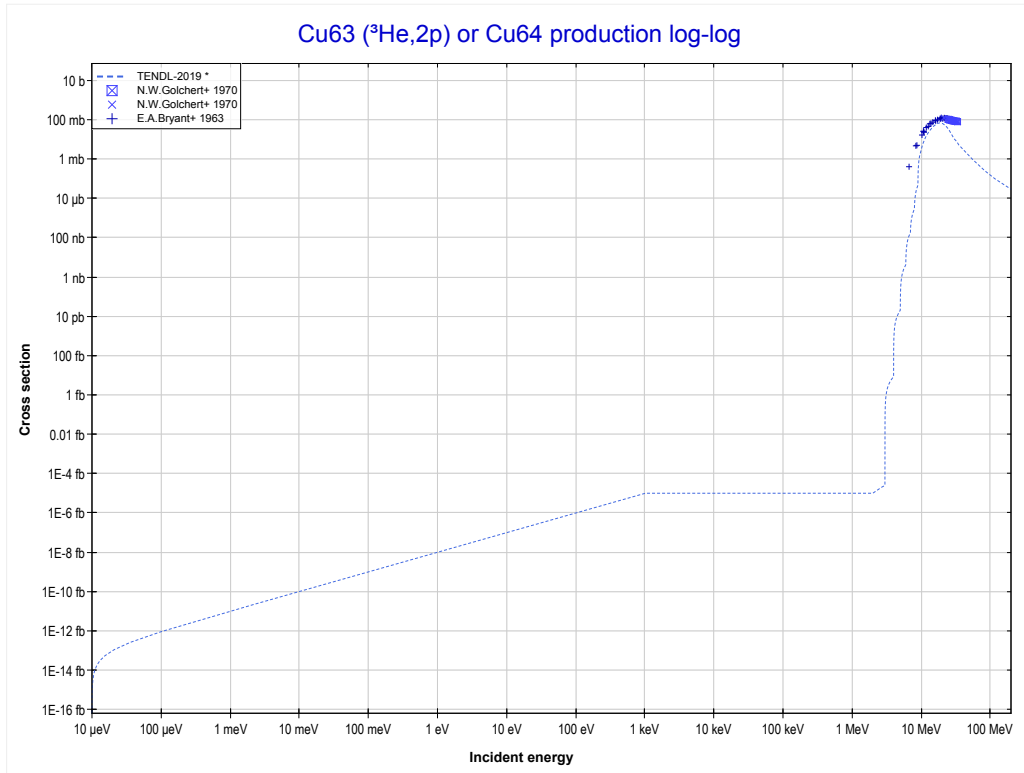
Reaction	Q-Value
Cu63(He3,p)Zn65	7974.45 keV

<< 27-Co-59	29-Cu-63	29-Cu-65 >>
<< MT103 (³ He,p)	MT108 (³He,2α) or MT5 (Co58 production)	MT111 (³ He,2p) >>



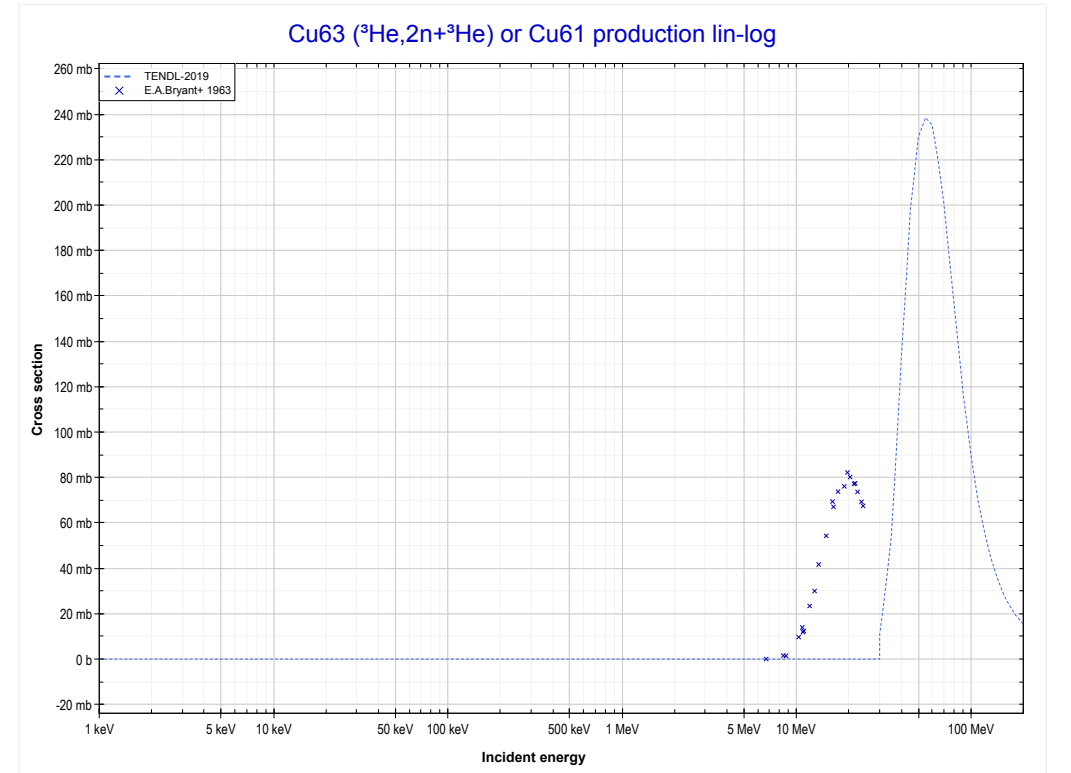
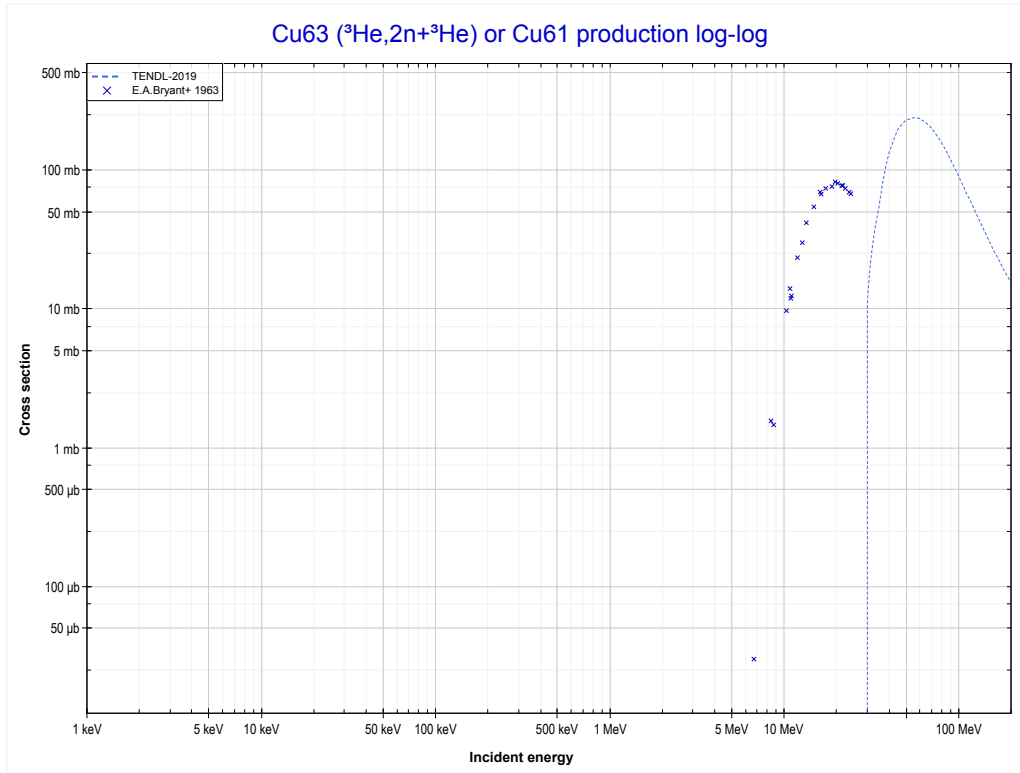
Reaction	Q-Value	Reaction	Q-Value
Cu63(He3,2α)Co58	4348.79 keV	Cu63(He3,n+p+t+He3)Co58	-36042.70 keV
Cu63(He3,p+t+α)Co58	-15465.08 keV	Cu63(He3,2n+2He3)Co58	-36806.45 keV
Cu63(He3,n+He3+α)Co58	-16228.83 keV	Cu63(He3,p+2d+t)Co58	-39311.61 keV
Cu63(He3,2d+α)Co58	-19497.74 keV	Cu63(He3,n+2d+He3)Co58	-40075.36 keV
Cu63(He3,n+p+d+α)Co58	-21722.31 keV	Cu63(He3,n+2p+d+t)Co58	-41536.17 keV
Cu63(He3,2n+2p+α)Co58	-23946.87 keV	Cu63(He3,2n+p+d+He3)Co58	-42299.93 keV
Cu63(He3,d+t+He3)Co58	-33818.13 keV	Cu63(He3,4d)Co58	-43344.27 keV
Cu63(He3,2p+2t)Co58	-35278.94 keV	Cu63(He3,2n+3p+t)Co58	-43760.74 keV

<< 27-Co-59	29-Cu-63	30-Zn-64 >>
<< MT108 ($^3\text{He},2\alpha$)	MT111 ($^3\text{He},2p$) or MT5 (Cu64 production)	MT176 ($^3\text{He},2n+^3\text{He}$) >>



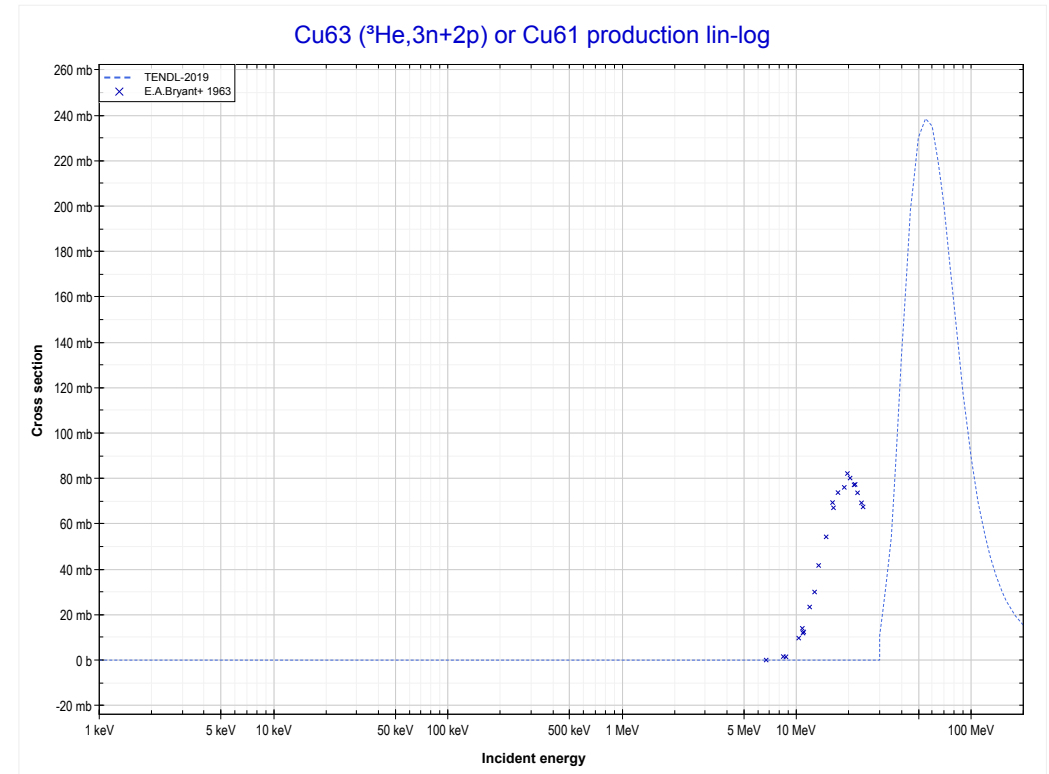
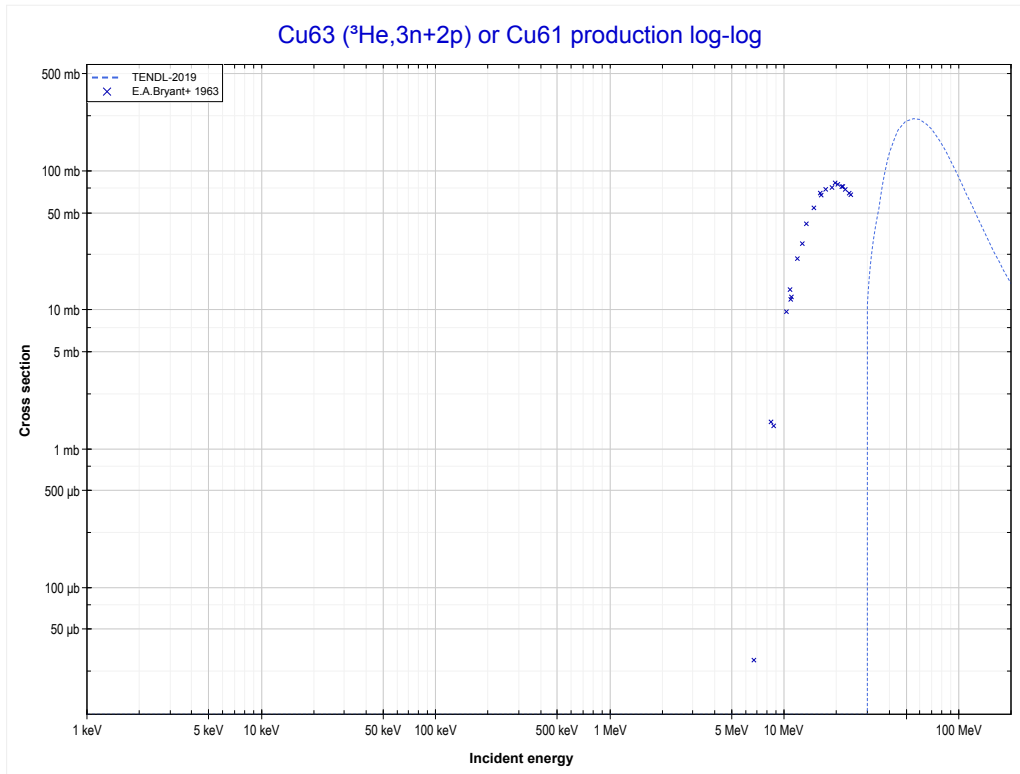
Reaction	Q-Value
Cu63($\text{He}3,2p$)Cu64	197.98 keV

<< 27-Co-59	29-Cu-63	47-Ag-107 >>
<< MT111 (³ He,2p)	MT176 (³He,2n+³He) or MT5 (Cu61 production)	MT179 (³ He,3n+2p) >>



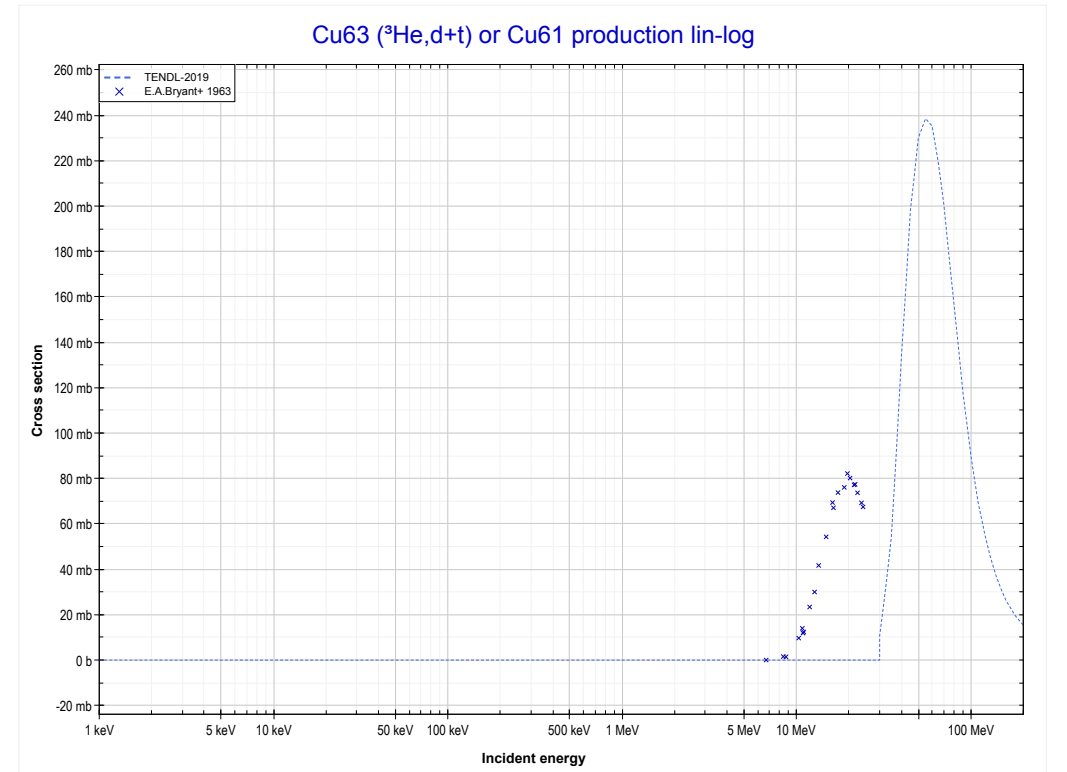
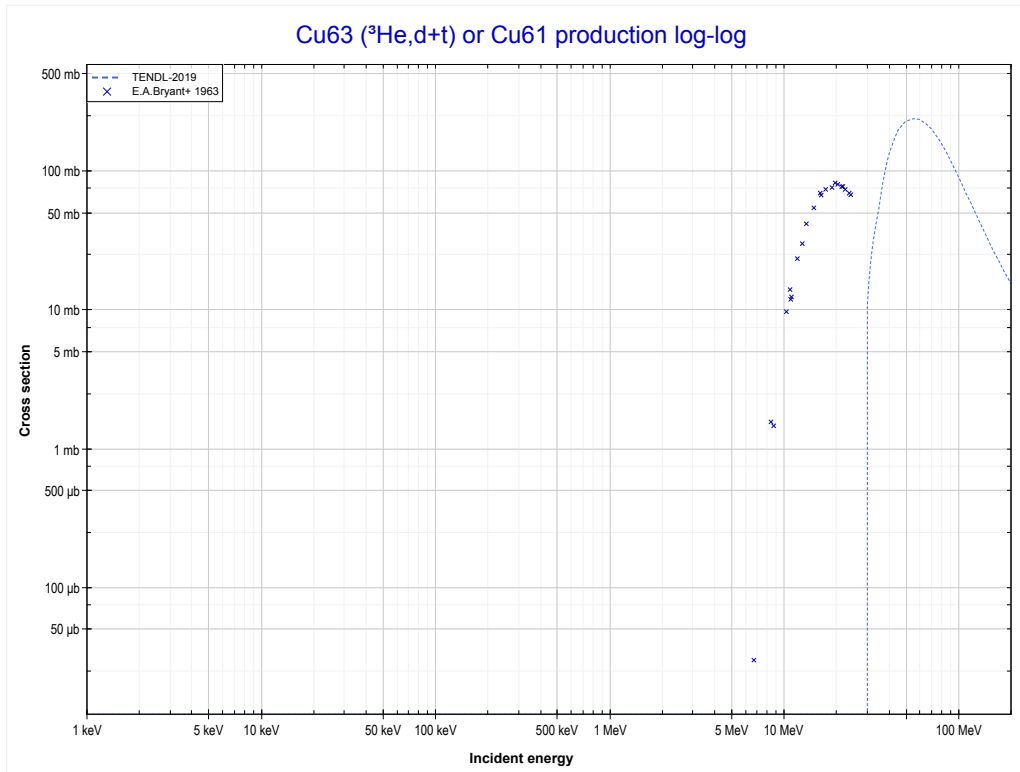
Reaction	Q-Value
Cu63(He3,n+α)Cu61	839.29 keV
Cu63(He3,d+t)Cu61	-16750.01 keV
Cu63(He3,n+p+t)Cu61	-18974.58 keV
Cu63(He3,2n+He3)Cu61	-19738.33 keV
Cu63(He3,n+2d)Cu61	-23007.24 keV
Cu63(He3,2n+p+d)Cu61	-25231.81 keV
Cu63(He3,3n+2p)Cu61	-27456.37 keV

<< 27-Co-59	29-Cu-63	47-Ag-107 >>
<< MT176 ($^3\text{He}, 2n+^3\text{He}$)	MT179 ($^3\text{He}, 3n+2p$) or MT5 (Cu61 production)	MT182 ($^3\text{He}, d+t$) >>



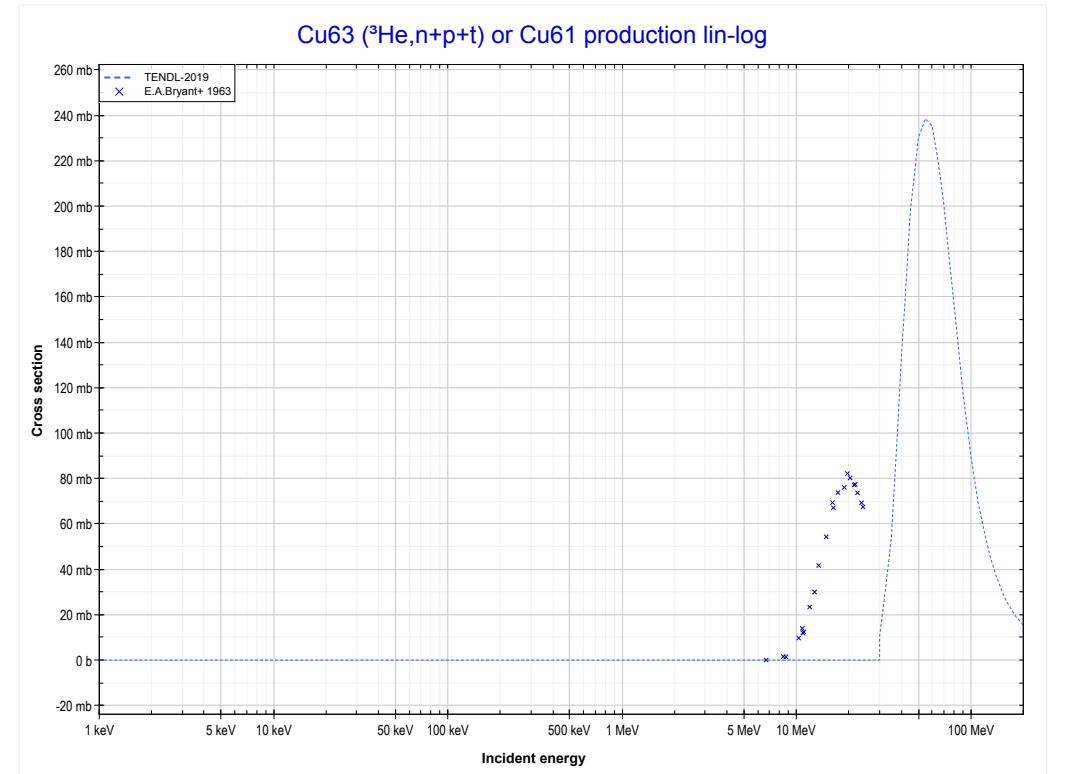
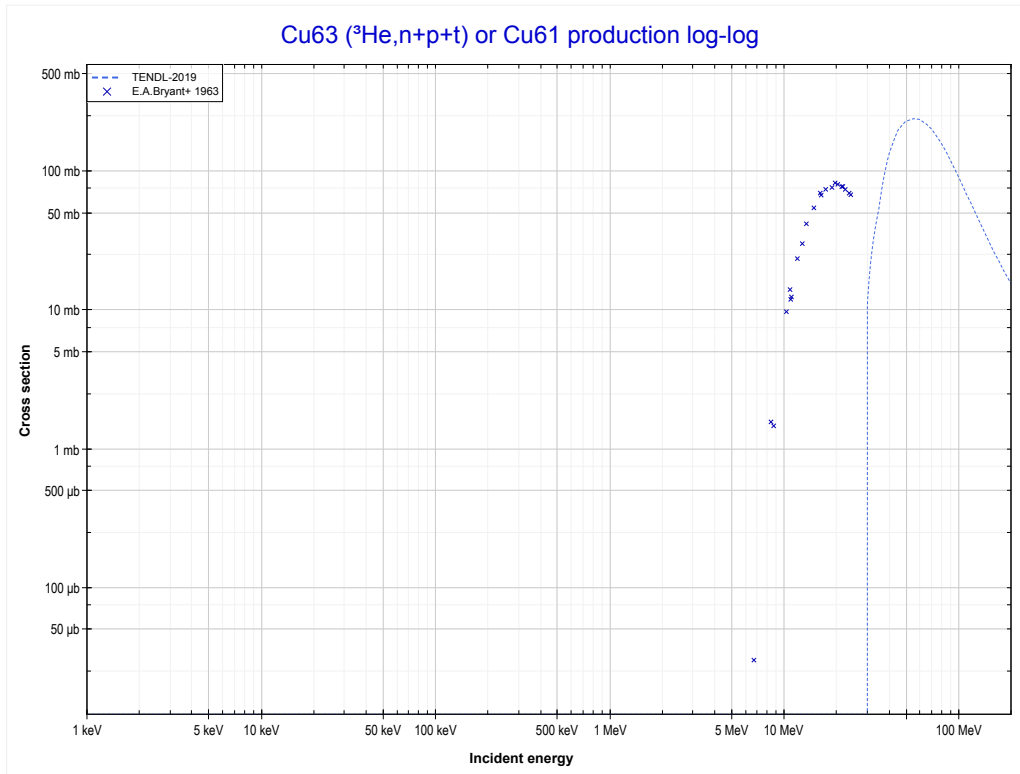
Reaction	Q-Value
Cu63($\text{He}3, n+\alpha$)Cu61	839.29 keV
Cu63($\text{He}3, d+t$)Cu61	-16750.01 keV
Cu63($\text{He}3, n+p+t$)Cu61	-18974.58 keV
Cu63($\text{He}3, 2n+\text{He}3$)Cu61	-19738.33 keV
Cu63($\text{He}3, n+2d$)Cu61	-23007.24 keV
Cu63($\text{He}3, 2n+p+d$)Cu61	-25231.81 keV
Cu63($\text{He}3, 3n+2p$)Cu61	-27456.37 keV

<< 27-Co-59	29-Cu-63	47-Ag-107 >>
<< MT179 (³ He,3n+2p)	MT182 (³He,d+t) or MT5 (Cu61 production)	MT184 (³ He,n+p+t) >>



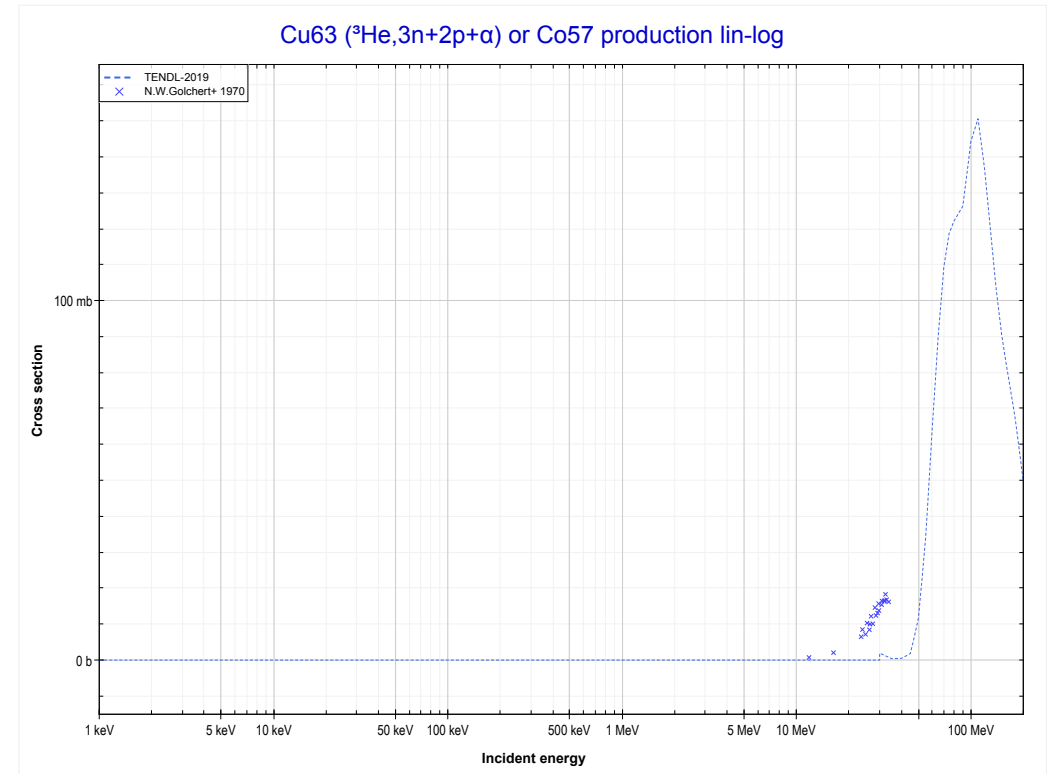
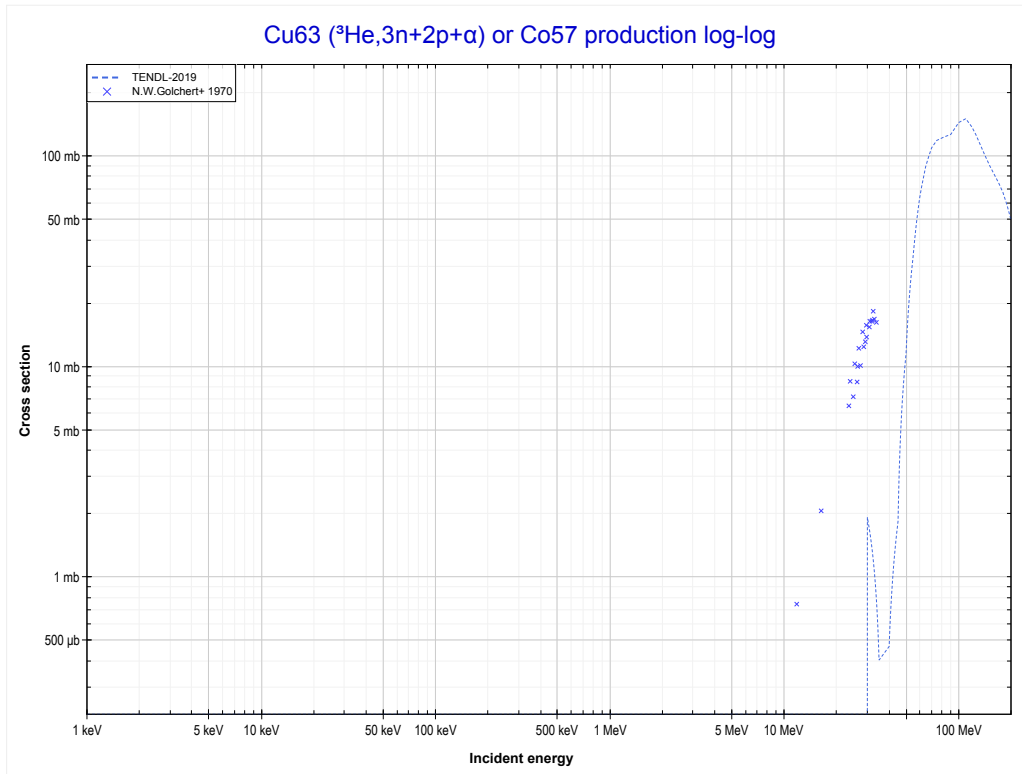
Reaction	Q-Value
Cu63(He3,n+α)Cu61	839.29 keV
Cu63(He3,d+t)Cu61	-16750.01 keV
Cu63(He3,n+p+t)Cu61	-18974.58 keV
Cu63(He3,2n+He3)Cu61	-19738.33 keV
Cu63(He3,n+2d)Cu61	-23007.24 keV
Cu63(He3,2n+p+d)Cu61	-25231.81 keV
Cu63(He3,3n+2p)Cu61	-27456.37 keV

<< 27-Co-59	29-Cu-63	47-Ag-107 >>
<< MT182 (³ He,d+t)	MT184 (³He,n+p+t) or MT5 (Cu61 production)	MT199 (³ He,3n+2p+α) >>



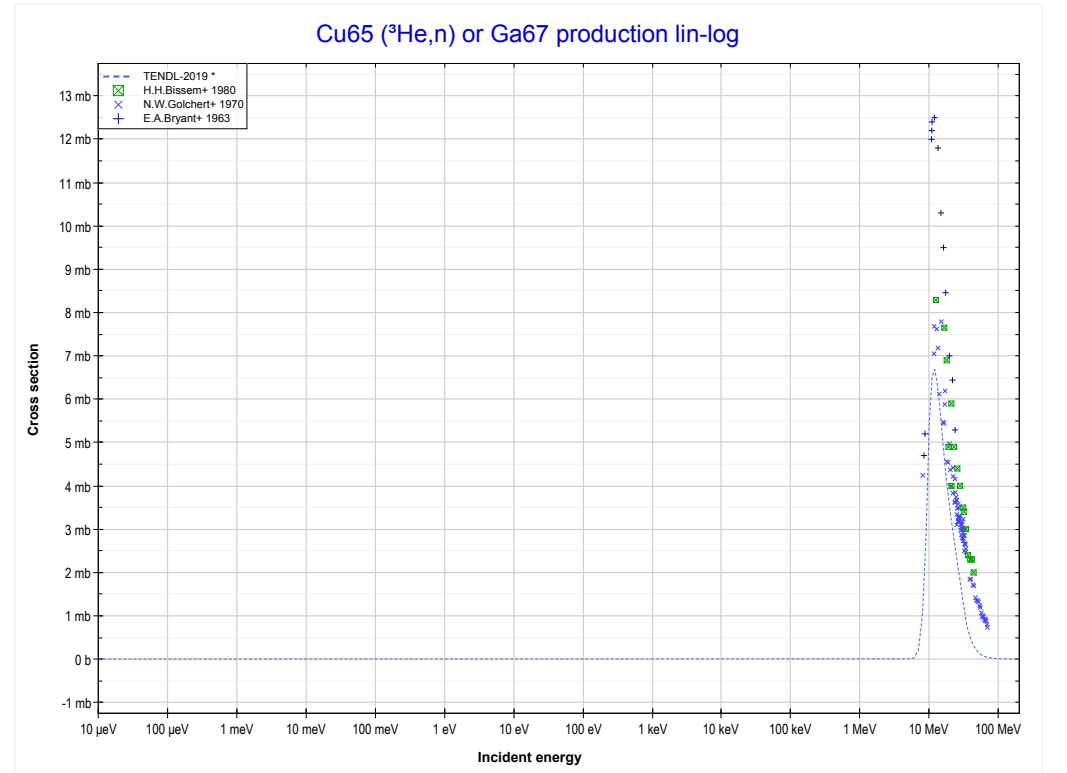
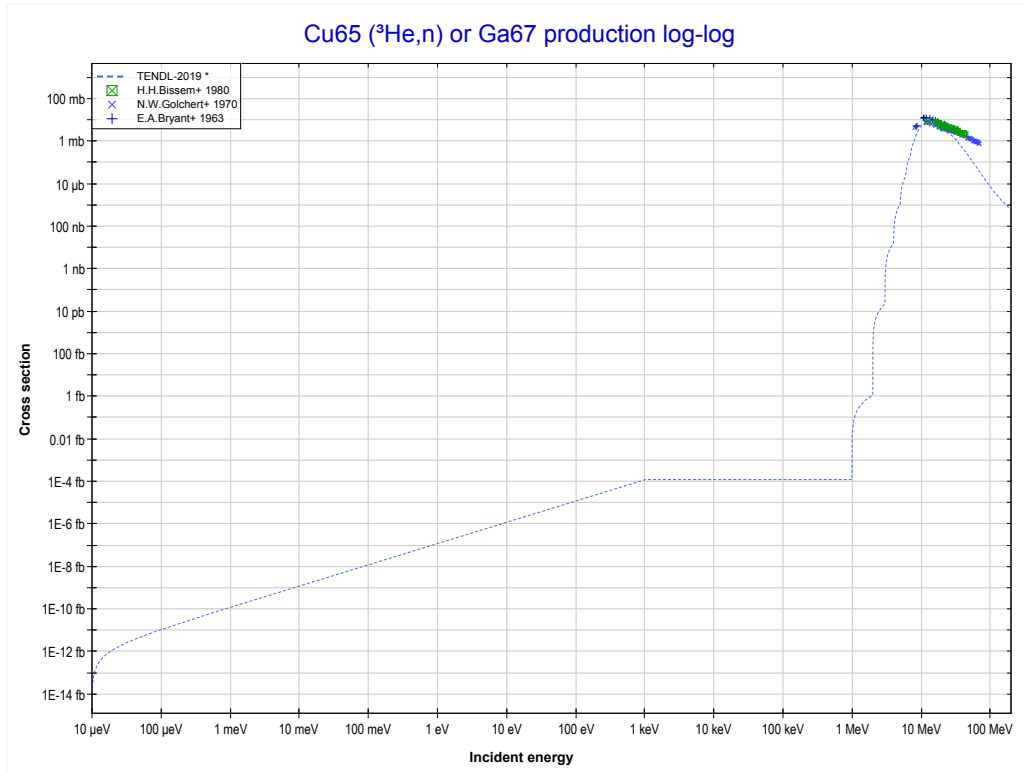
Reaction	Q-Value
Cu63(He3,n+α)Cu61	839.29 keV
Cu63(He3,d+t)Cu61	-16750.01 keV
Cu63(He3,n+p+t)Cu61	-18974.58 keV
Cu63(He3,2n+He3)Cu61	-19738.33 keV
Cu63(He3,n+2d)Cu61	-23007.24 keV
Cu63(He3,2n+p+d)Cu61	-25231.81 keV
Cu63(He3,3n+2p)Cu61	-27456.37 keV

29-Cu-63		
<< MT184 ($^3\text{He},n+p+t$)	MT199 ($^3\text{He},3n+2p+\alpha$) or MT5 (Co57 production)	29-Cu-65 MT4 ($^3\text{He},n$) >>



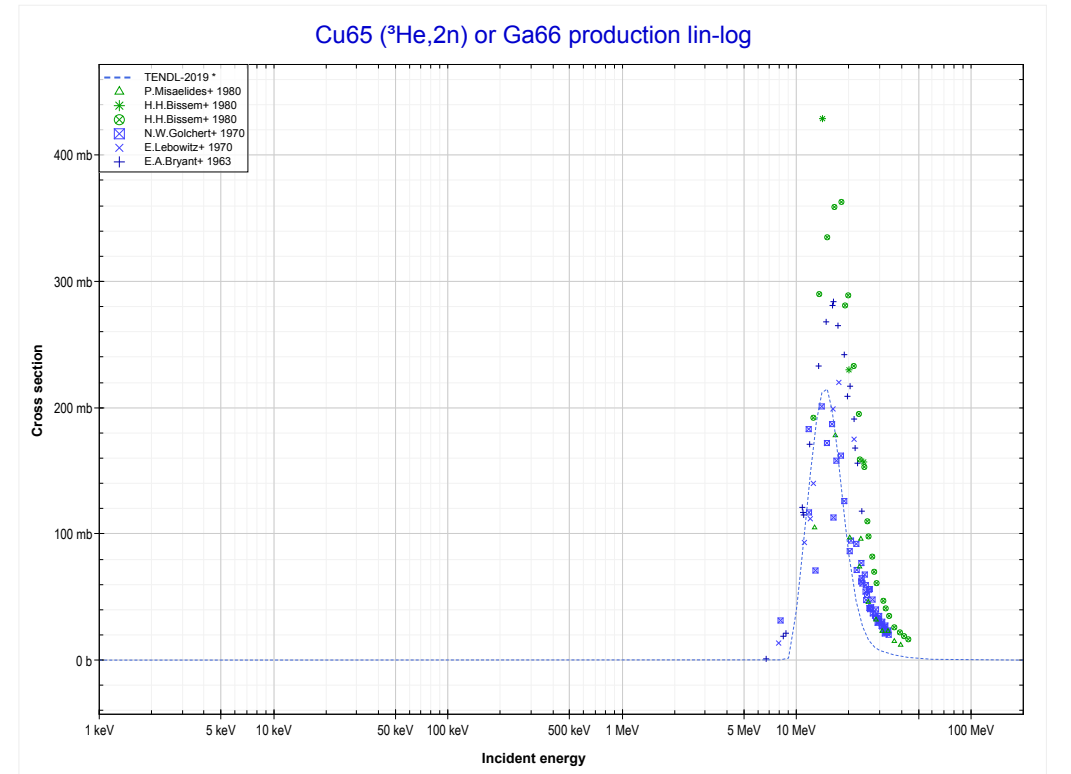
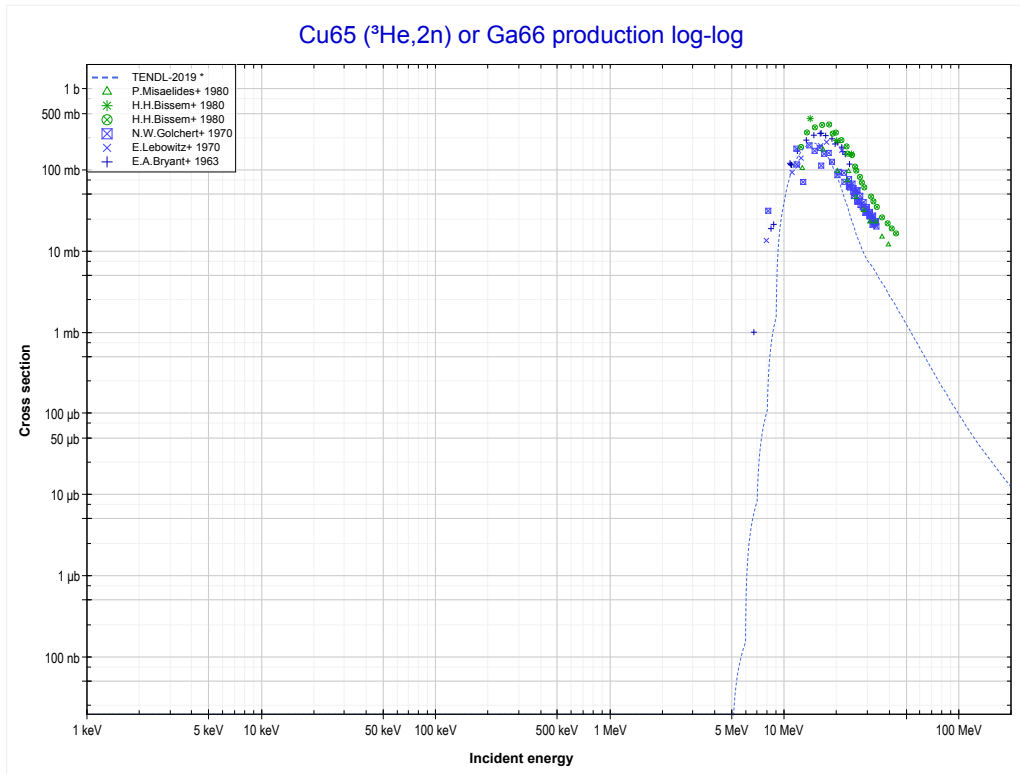
Reaction	Q-Value	Reaction	Q-Value
Cu63($\text{He}3,n+2\alpha$)Co57	-4224.13 keV	Cu63($\text{He}3,p+d+2t$)Co57	-41627.29 keV
Cu63($\text{He}3,d+t+\alpha$)Co57	-21813.43 keV	Cu63($\text{He}3,n+d+t+\text{He}3$)Co57	-42391.05 keV
Cu63($\text{He}3,n+p+t+\alpha$)Co57	-24038.00 keV	Cu63($\text{He}3,n+2p+2t$)Co57	-43851.86 keV
Cu63($\text{He}3,2n+\text{He}3+\alpha$)Co57	-24801.75 keV	Cu63($\text{He}3,2n+p+t+\text{He}3$)Co57	-44615.61 keV
Cu63($\text{He}3,n+2d+\alpha$)Co57	-28070.66 keV	Cu63($\text{He}3,3n+2\text{He}3$)Co57	-45379.37 keV
Cu63($\text{He}3,2n+p+d+\alpha$)Co57	-30295.22 keV	Cu63($\text{He}3,3d+t$)Co57	-45659.96 keV
Cu63($\text{He}3,3n+2p+\alpha$)Co57	-32519.79 keV	Cu63($\text{He}3,n+p+2d+t$)Co57	-47884.52 keV
Cu63($\text{He}3,2t+\text{He}3$)Co57	-36133.82 keV	Cu63($\text{He}3,2n+2d+\text{He}3$)Co57	-48648.28 keV

<< 29-Cu-63	29-Cu-65	30-Zn-64 >>
<< 29-Cu-63 MT199 ($^3\text{He},3n+2p+\alpha$)	MT4 ($^3\text{He},n$) or MT5 (Ga67 production)	MT16 ($^3\text{He},2n$) >>



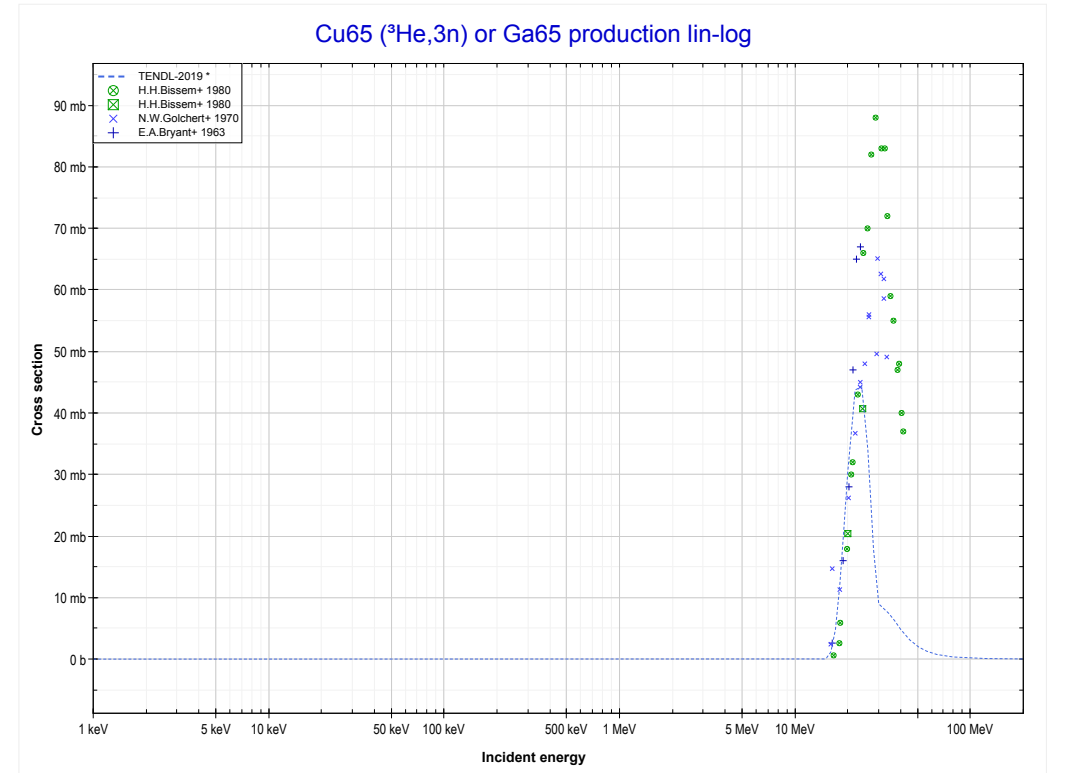
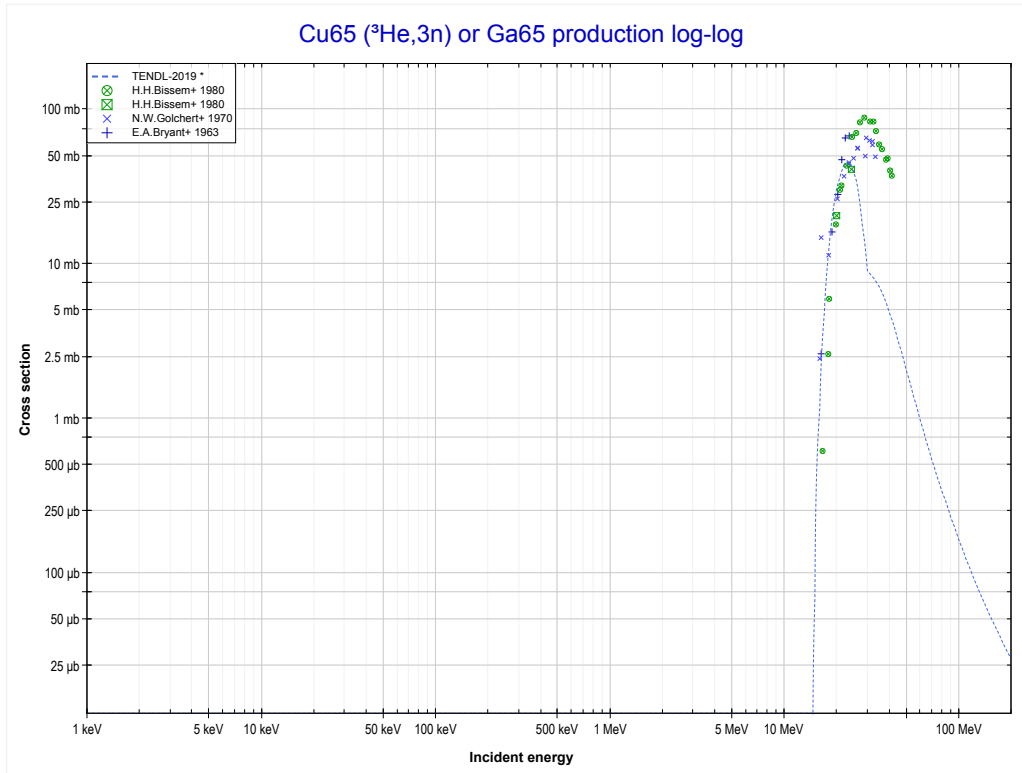
Reaction	Q-Value
Cu65(He3,n)Ga67	6475.20 keV

<< 29-Cu-63	29-Cu-65	30-Zn-66 >>
<< MT4 (³ He,n)	MT16 (³He,2n) or MT5 (Ga66 production)	MT17 (³ He,3n) >>



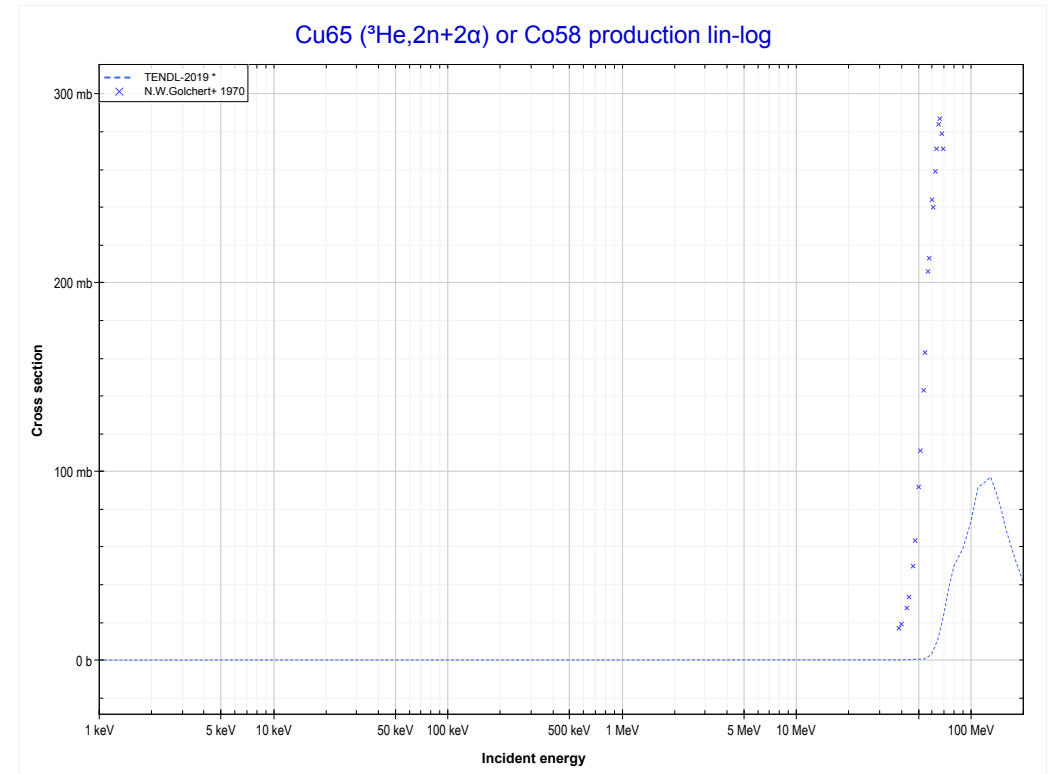
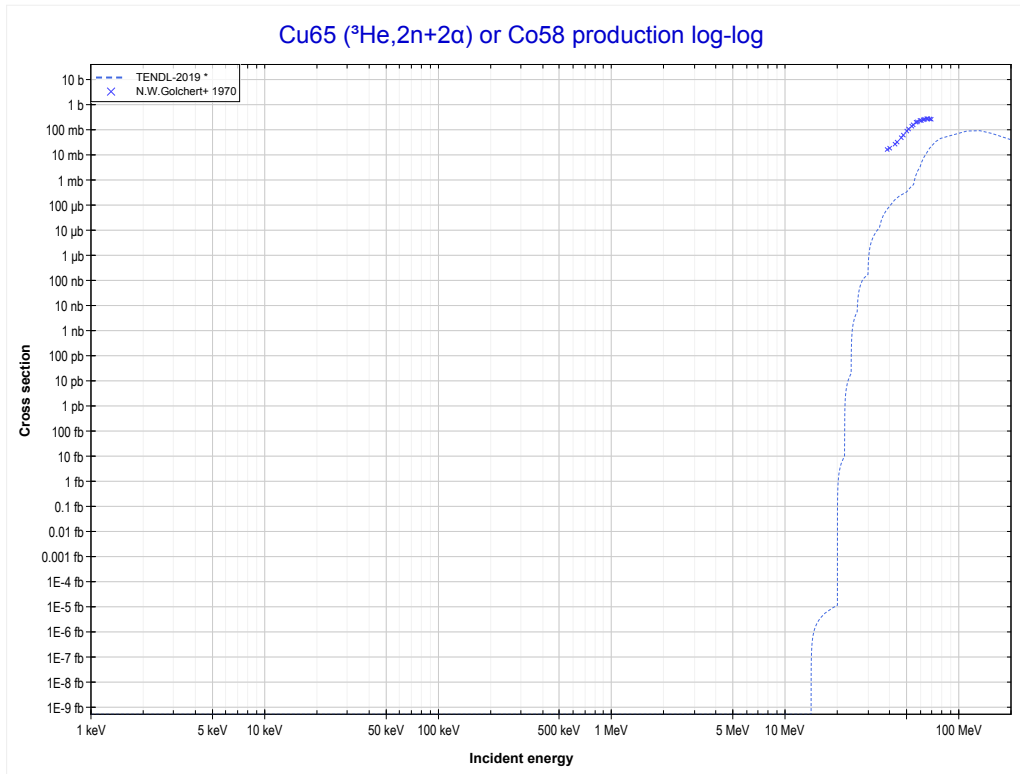
Reaction	Q-Value
Cu65(He3,2n)Ga66	-4751.42 keV

<< 26-Fe-56	29-Cu-65	30-Zn-68 >>
<< MT16 ($^3\text{He},2n$)	MT17 ($^3\text{He},3n$) or MT5 (Ga65 production)	MT30 ($^3\text{He},2n+2\alpha$) >>



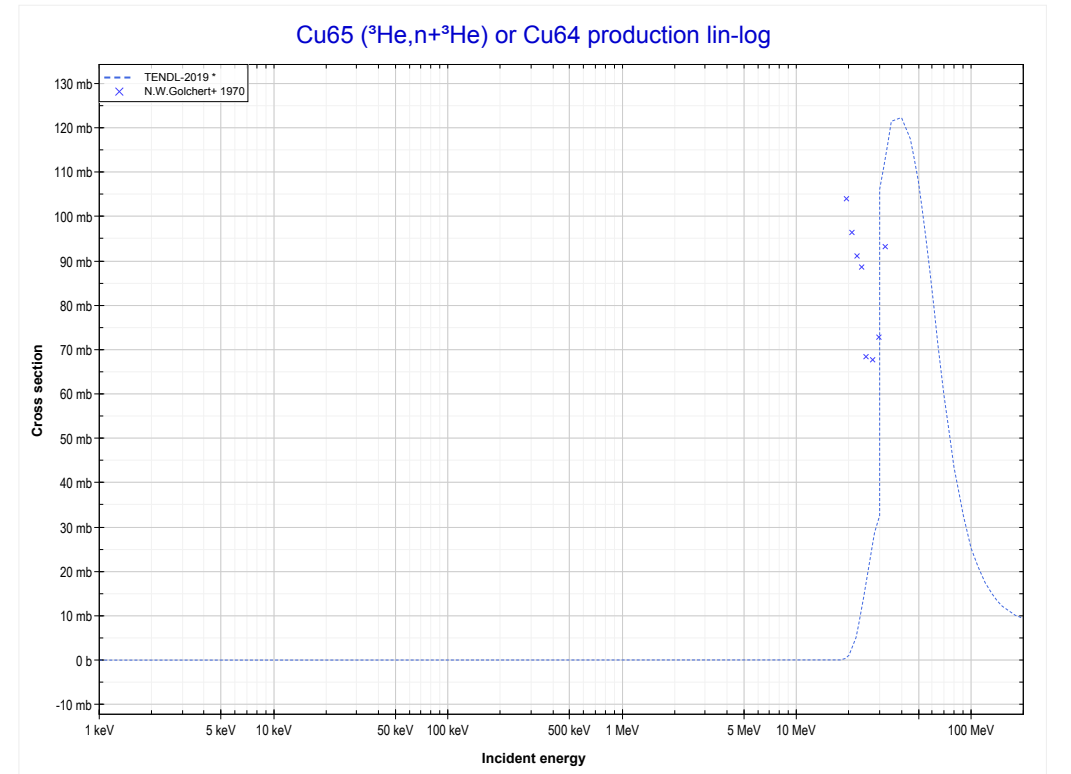
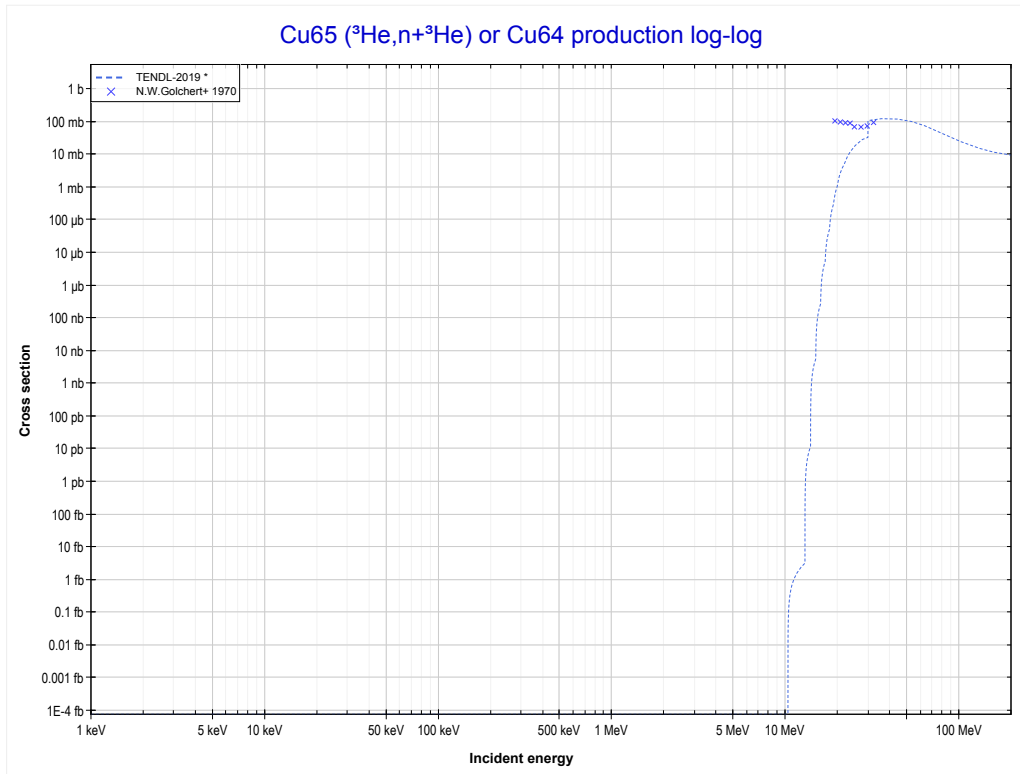
Reaction	Q-Value
Cu65(He3,3n)Ga65	-13888.93 keV

	29-Cu-65	
<< MT17 ($^3\text{He},3n$)	MT30 ($^3\text{He},2n+2\alpha$) or MT5 (Co58 production)	MT34 ($^3\text{He},n+^3\text{He}$) >>



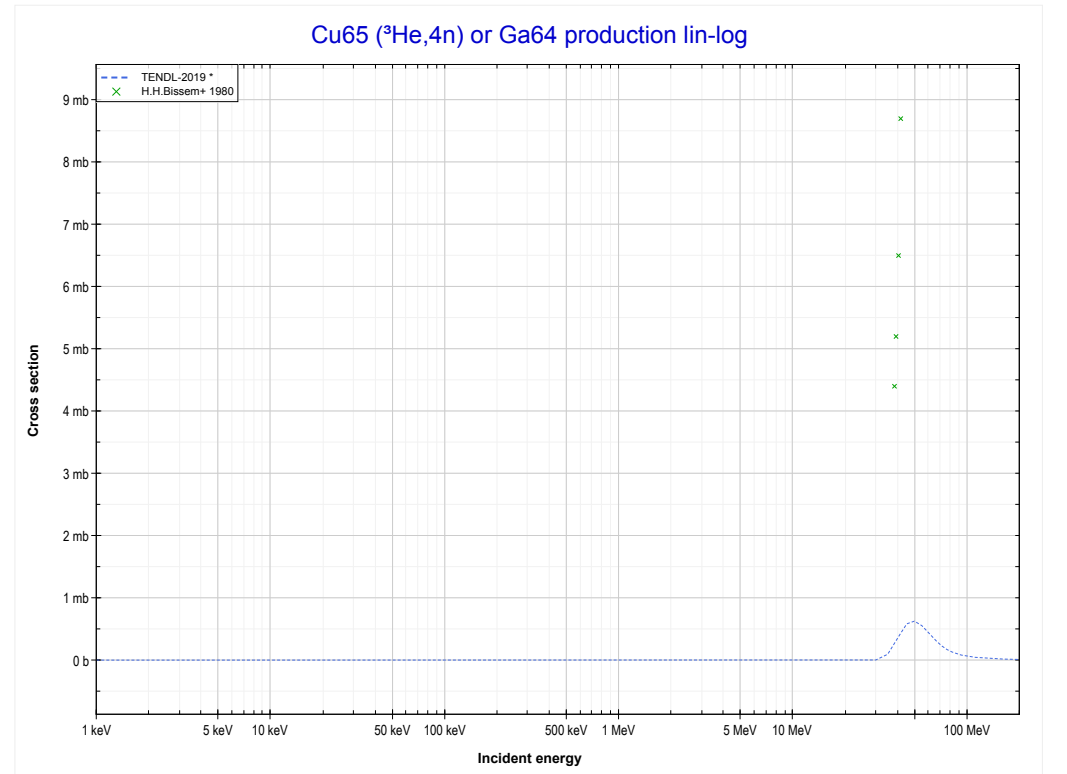
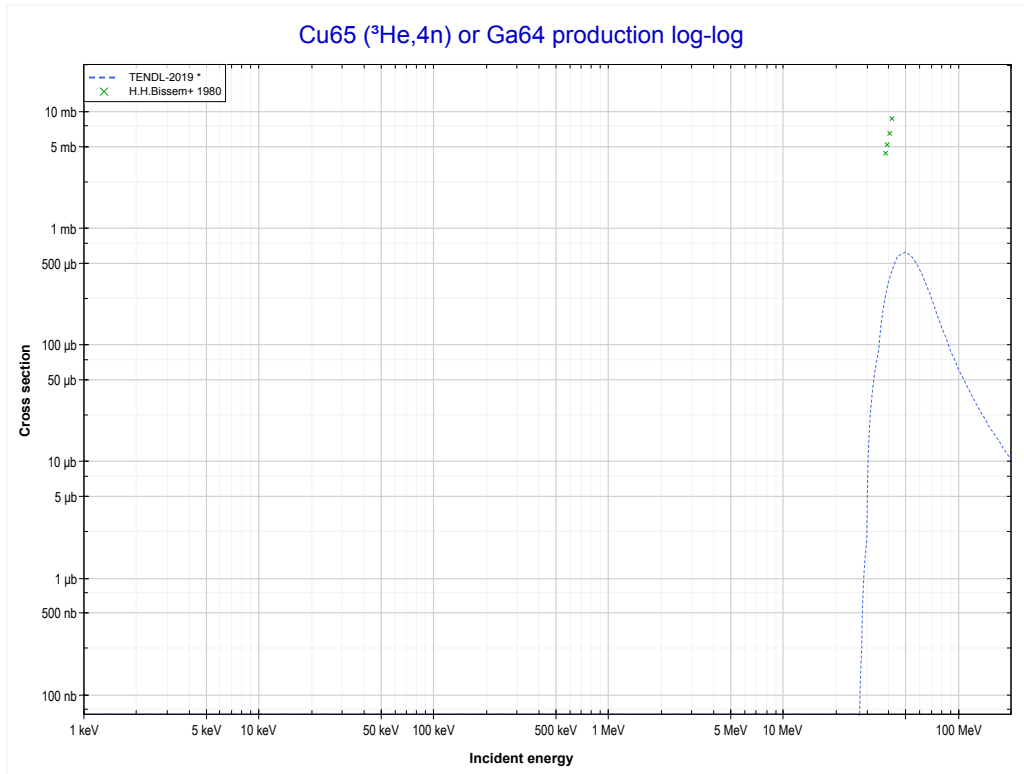
Reaction	Q-Value	Reaction	Q-Value
Cu65(He3,2n+2α)Co58	-13477.75 keV	Cu65(He3,p+3t)Co58	-44623.68 keV
Cu65(He3,2t+α)Co58	-24809.82 keV	Cu65(He3,n+2t+He3)Co58	-45387.44 keV
Cu65(He3,n+d+t+α)Co58	-31067.05 keV	Cu65(He3,2d+2t)Co58	-48656.35 keV
Cu65(He3,2n+p+t+α)Co58	-33291.61 keV	Cu65(He3,n+p+d+2t)Co58	-50880.91 keV
Cu65(He3,3n+He3+α)Co58	-34055.37 keV	Cu65(He3,2n+d+t+He3)Co58	-51644.67 keV
Cu65(He3,2n+2d+α)Co58	-37324.28 keV	Cu65(He3,2n+2p+2t)Co58	-53105.48 keV
Cu65(He3,3n+p+d+α)Co58	-39548.84 keV	Cu65(He3,3n+p+t+He3)Co58	-53869.23 keV
Cu65(He3,4n+2p+α)Co58	-41773.41 keV	Cu65(He3,4n+2He3)Co58	-54632.99 keV

<< 27-Co-59	29-Cu-65	45-Rh-103 >>
<< MT30 ($^3\text{He}, 2n+2\alpha$)	MT34 ($^3\text{He}, n+^3\text{He}$) or MT5 (Cu64 production)	MT37 ($^3\text{He}, 4n$) >>



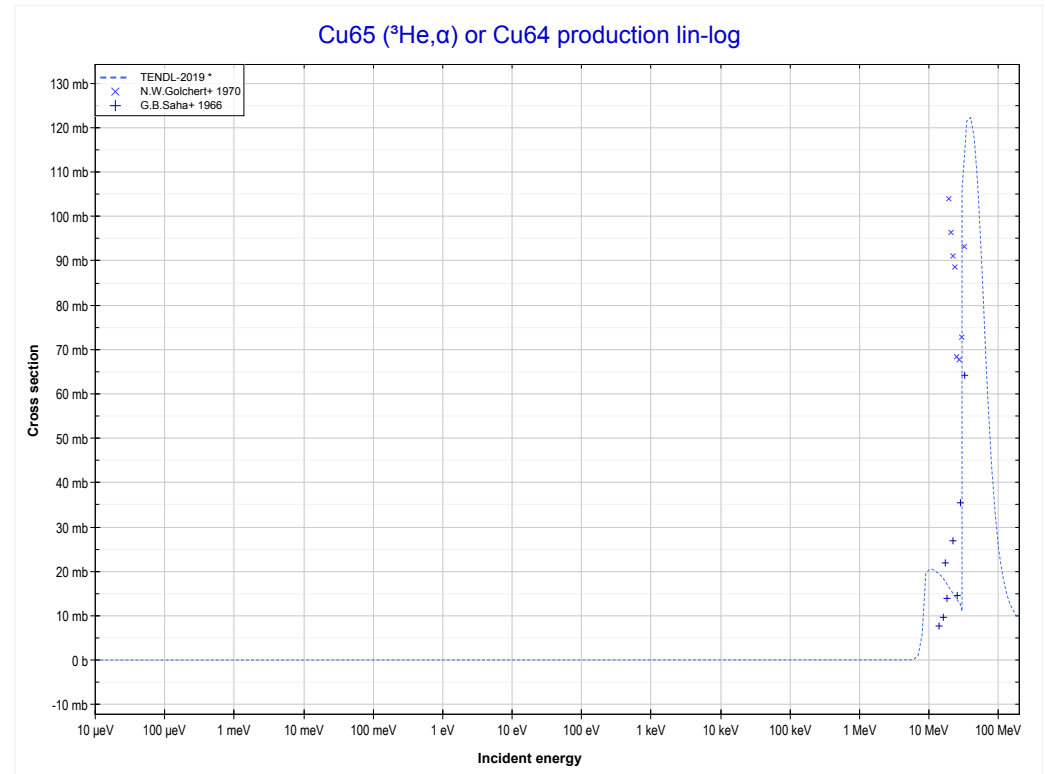
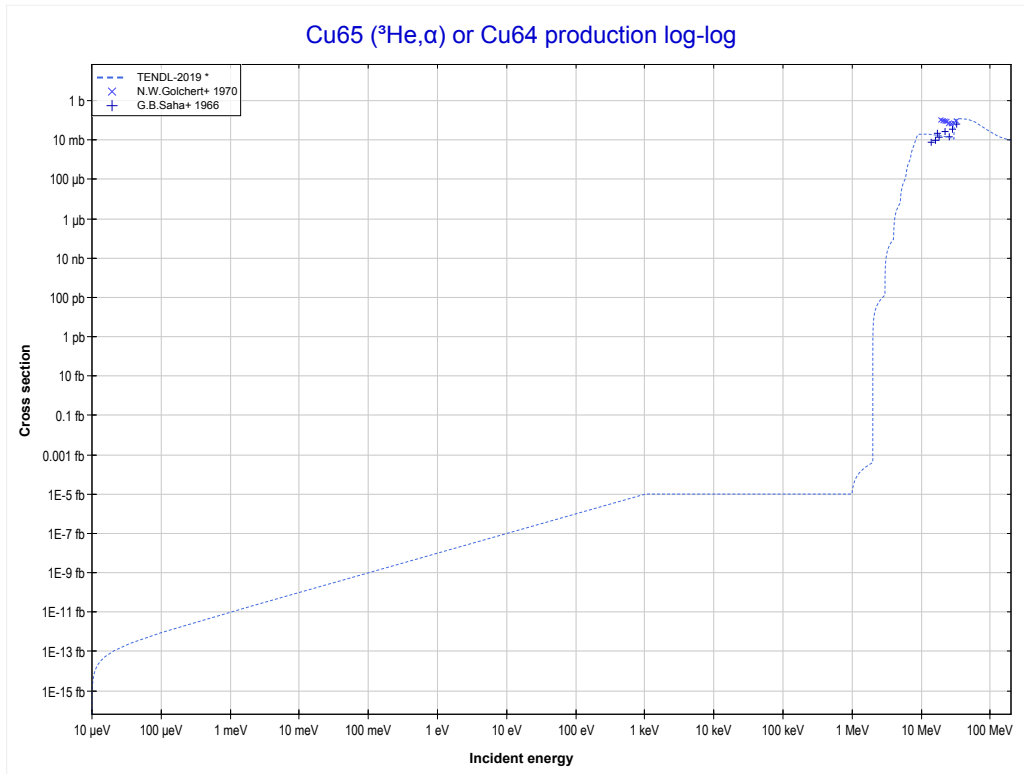
Reaction	Q-Value
Cu65(He3, α)Cu64	10667.10 keV
Cu65(He3,p+t)Cu64	-9146.76 keV
Cu65(He3,n+He3)Cu64	-9910.52 keV
Cu65(He3,2d)Cu64	-13179.43 keV
Cu65(He3,n+p+d)Cu64	-15403.99 keV
Cu65(He3,2n+2p)Cu64	-17628.56 keV

	29-Cu-65	33-As-75 >>
<< MT34 (³He,n+³He)	MT37 (³He,4n) or MT5 (Ga64 production)	MT107 (³He,α) >>



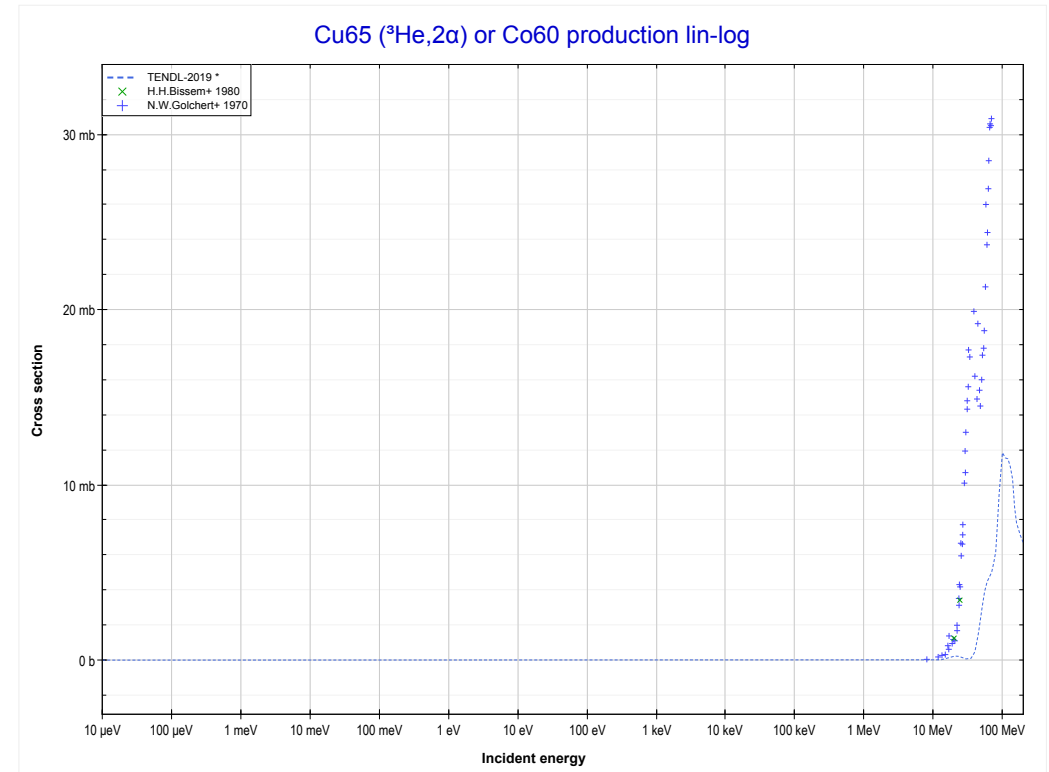
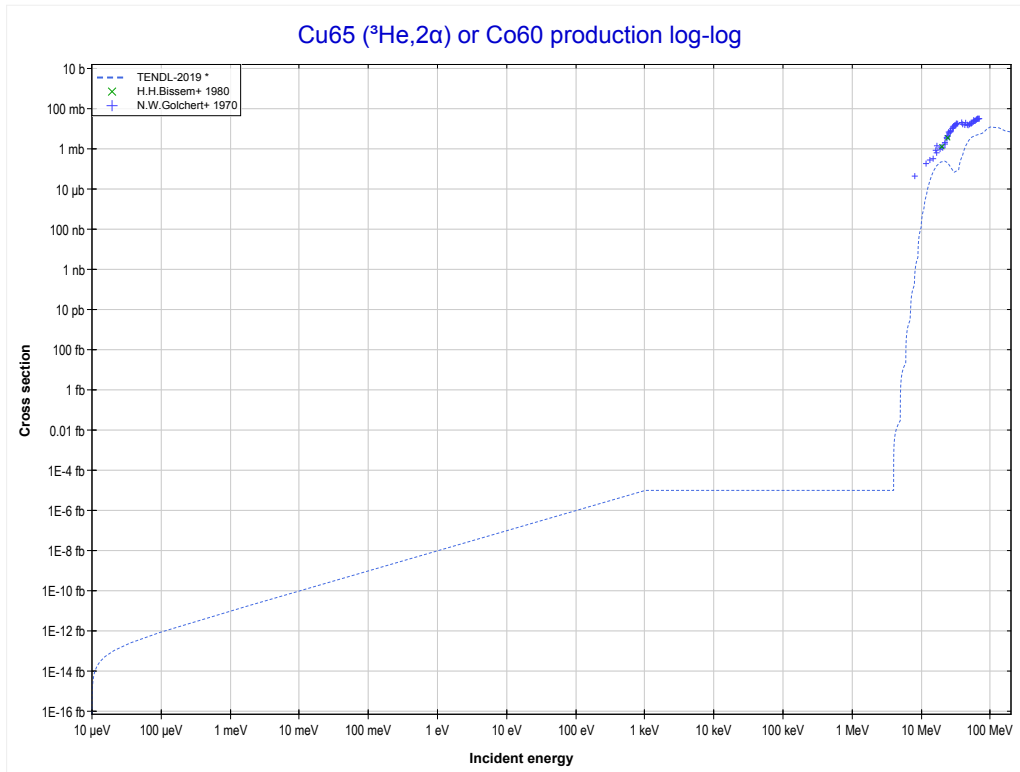
Reaction	Q-Value
Cu65(He3,4n)Ga64	-25784.95 keV

<< 27-Co-59	29-Cu-65	30-Zn-64 >>
<< MT37 (³ He,4n)	MT107 (³He,α) or MT5 (Cu64 production)	MT108 (³ He,2α) >>



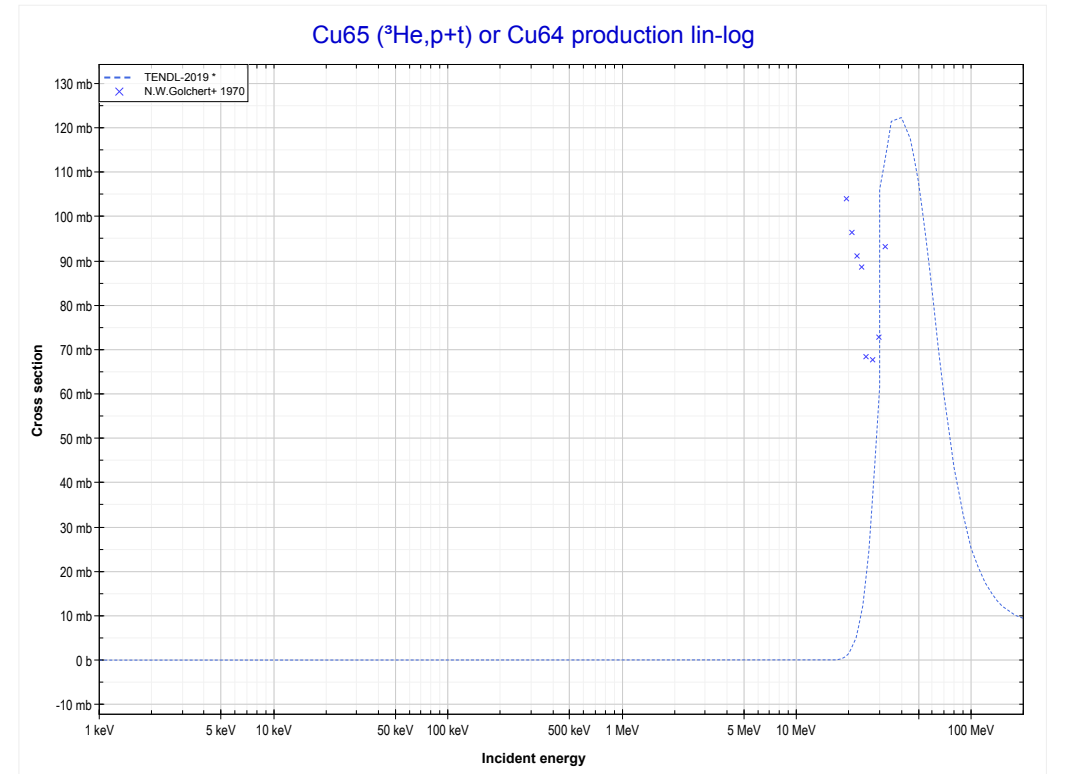
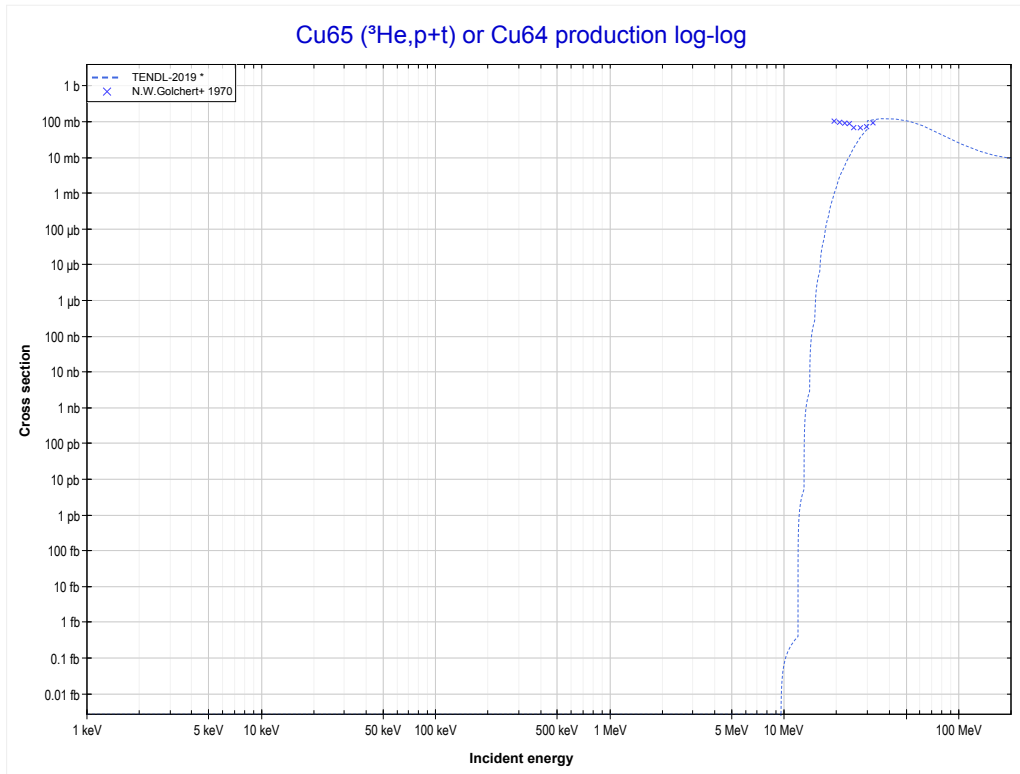
Reaction	Q-Value
Cu65(He3,α)Cu64	10667.10 keV
Cu65(He3,p+t)Cu64	-9146.76 keV
Cu65(He3,n+He3)Cu64	-9910.52 keV
Cu65(He3,2d)Cu64	-13179.43 keV
Cu65(He3,n+p+d)Cu64	-15403.99 keV
Cu65(He3,2n+2p)Cu64	-17628.56 keV

<< 29-Cu-63	29-Cu-65	
<< MT107 (³ He,α)	MT108 (³He,2α) or MT5 (Co60 production)	MT116 (³ He,p+t) >>



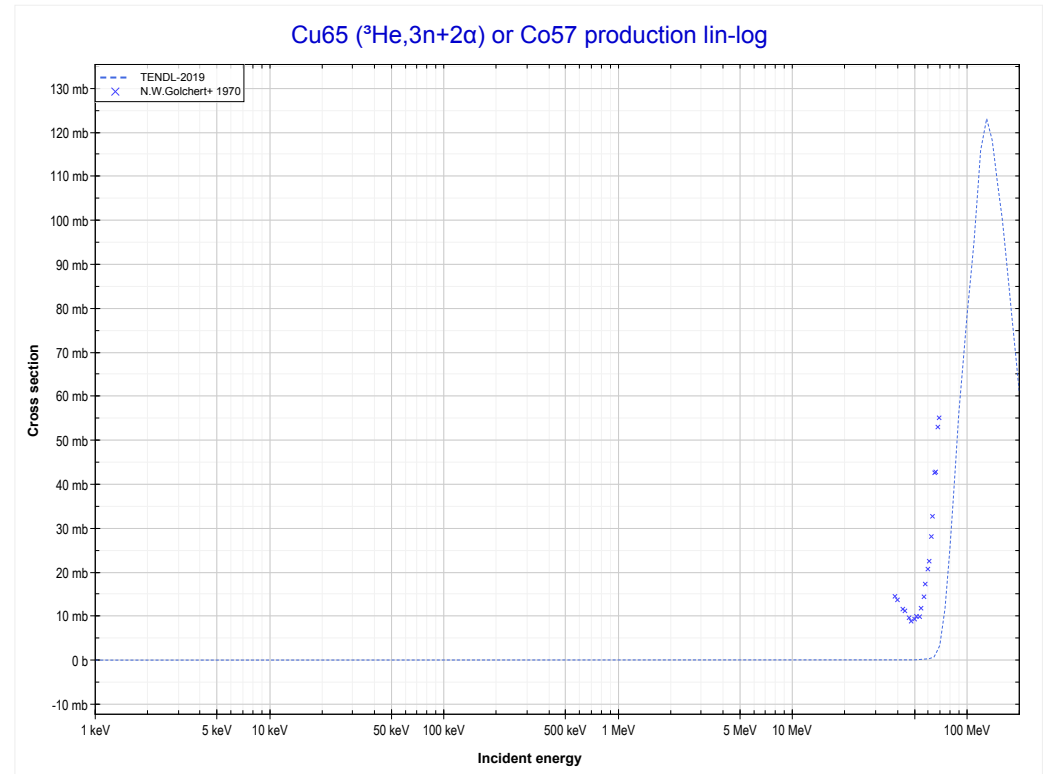
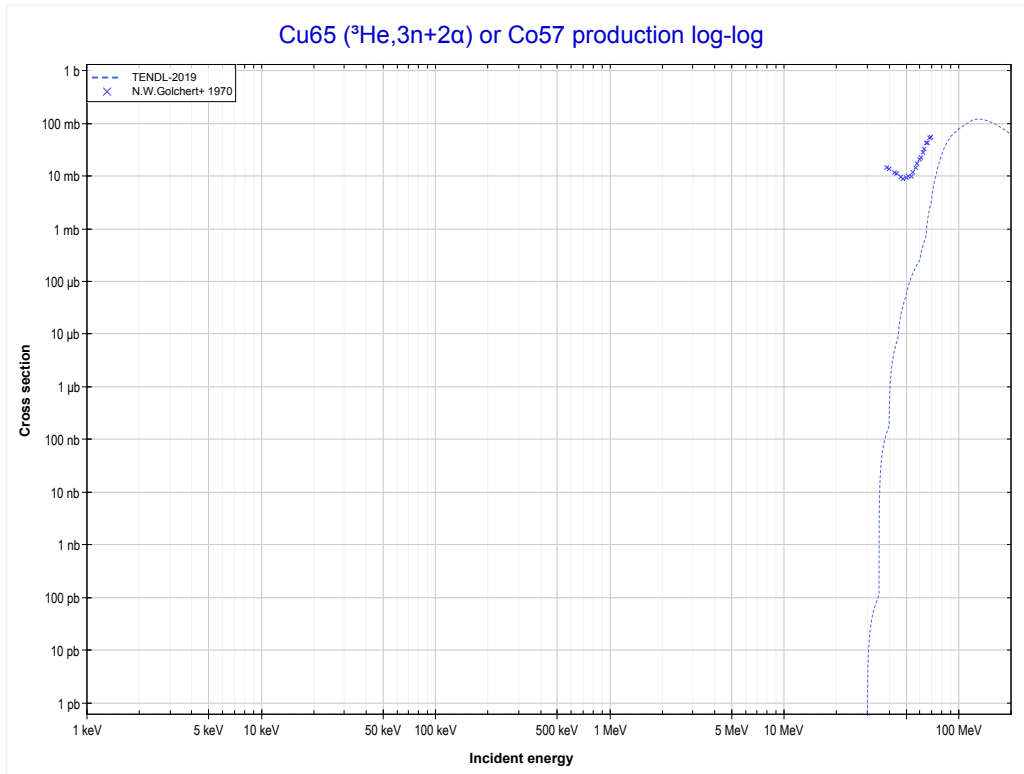
Reaction	Q-Value	Reaction	Q-Value
Cu65(He3,2α)Co60	4467.99 keV	Cu65(He3,n+p+t+He3)Co60	-35923.50 keV
Cu65(He3,p+t+α)Co60	-15345.88 keV	Cu65(He3,2n+2He3)Co60	-36687.25 keV
Cu65(He3,n+He3+α)Co60	-16109.63 keV	Cu65(He3,p+2d+t)Co60	-39192.41 keV
Cu65(He3,2d+α)Co60	-19378.54 keV	Cu65(He3,n+2d+He3)Co60	-39956.16 keV
Cu65(He3,n+p+d+α)Co60	-21603.11 keV	Cu65(He3,n+2p+d+t)Co60	-41416.97 keV
Cu65(He3,2n+2p+α)Co60	-23827.67 keV	Cu65(He3,2n+p+d+He3)Co60	-42180.73 keV
Cu65(He3,d+t+He3)Co60	-33698.93 keV	Cu65(He3,4d)Co60	-43225.07 keV
Cu65(He3,2p+2t)Co60	-35159.74 keV	Cu65(He3,2n+3p+t)Co60	-43641.54 keV

<< 27-Co-59	29-Cu-65	45-Rh-103 >>
<< MT108 ($^3\text{He},2\alpha$)	MT116 ($^3\text{He},p+t$) or MT5 (Cu64 production)	MT180 ($^3\text{He},3n+2\alpha$) >>



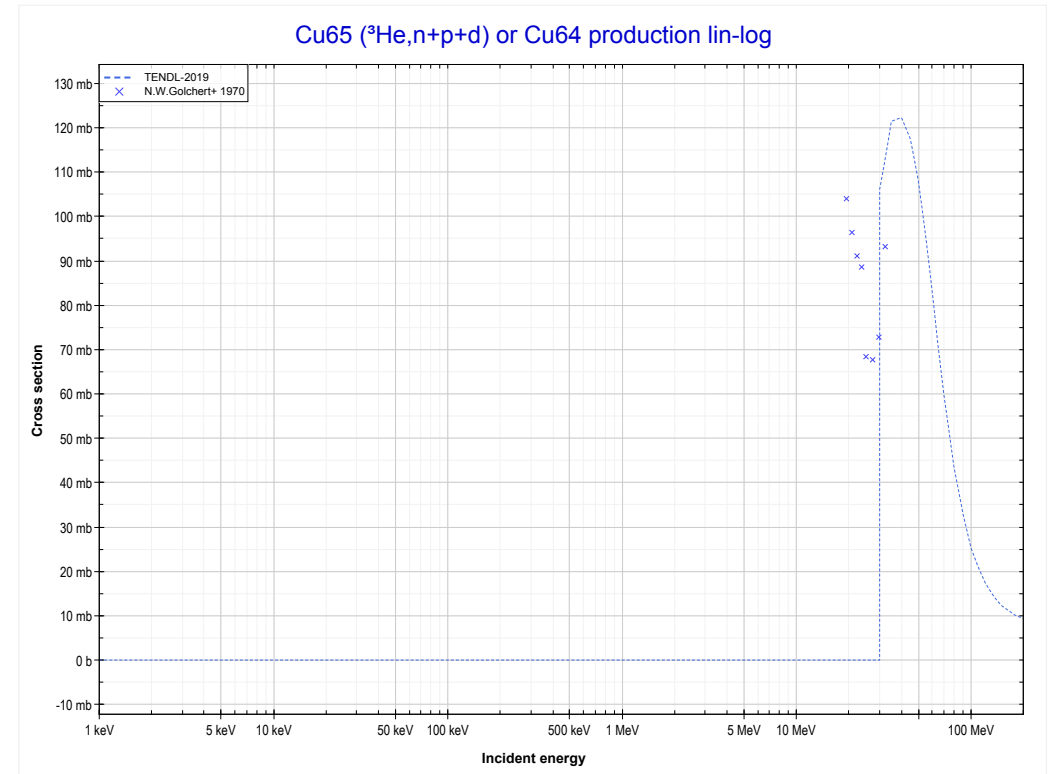
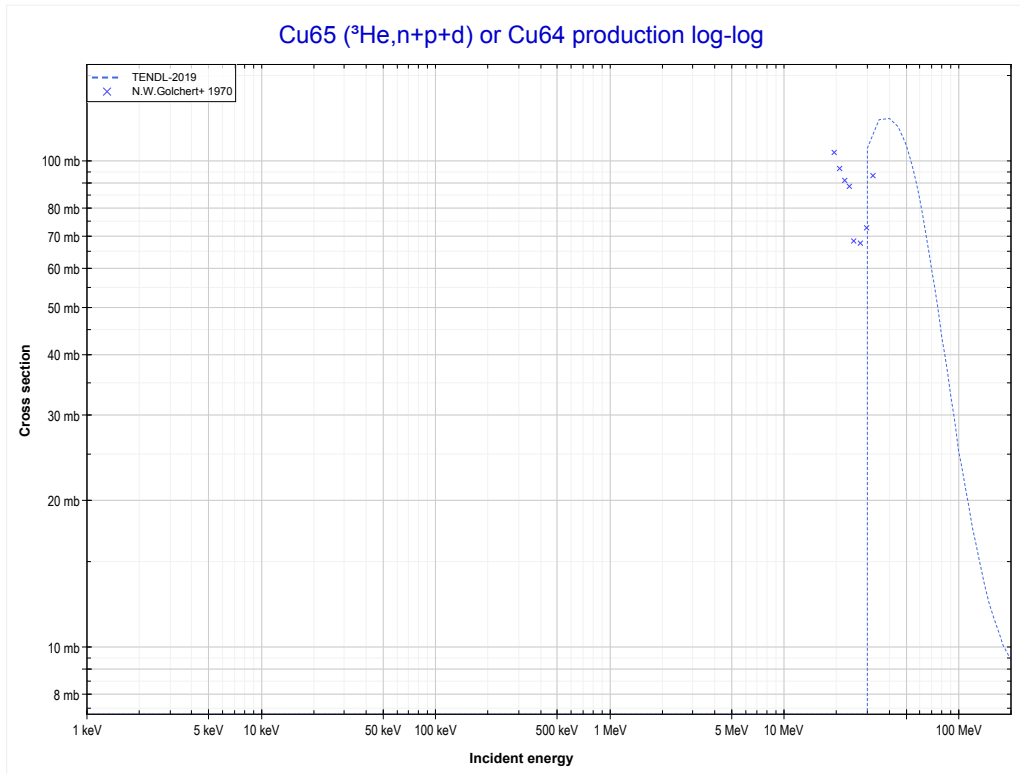
Reaction	Q-Value
Cu65(He3, α)Cu64	10667.10 keV
Cu65(He3,p+t)Cu64	-9146.76 keV
Cu65(He3,n+He3)Cu64	-9910.52 keV
Cu65(He3,2d)Cu64	-13179.43 keV
Cu65(He3,n+p+d)Cu64	-15403.99 keV
Cu65(He3,2n+2p)Cu64	-17628.56 keV

	29-Cu-65	
<< MT116 ($^3\text{He},p+t$)	MT180 ($^3\text{He},3n+2\alpha$) or MT5 (Co57 production)	MT183 ($^3\text{He},n+p+d$) >>



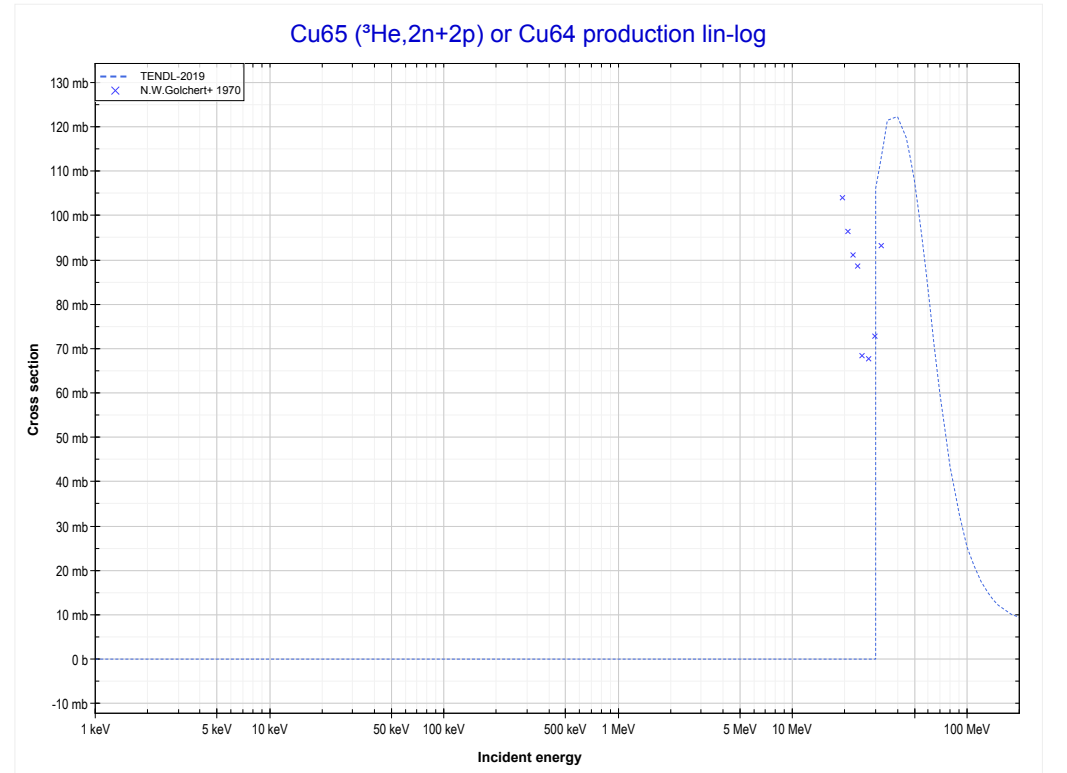
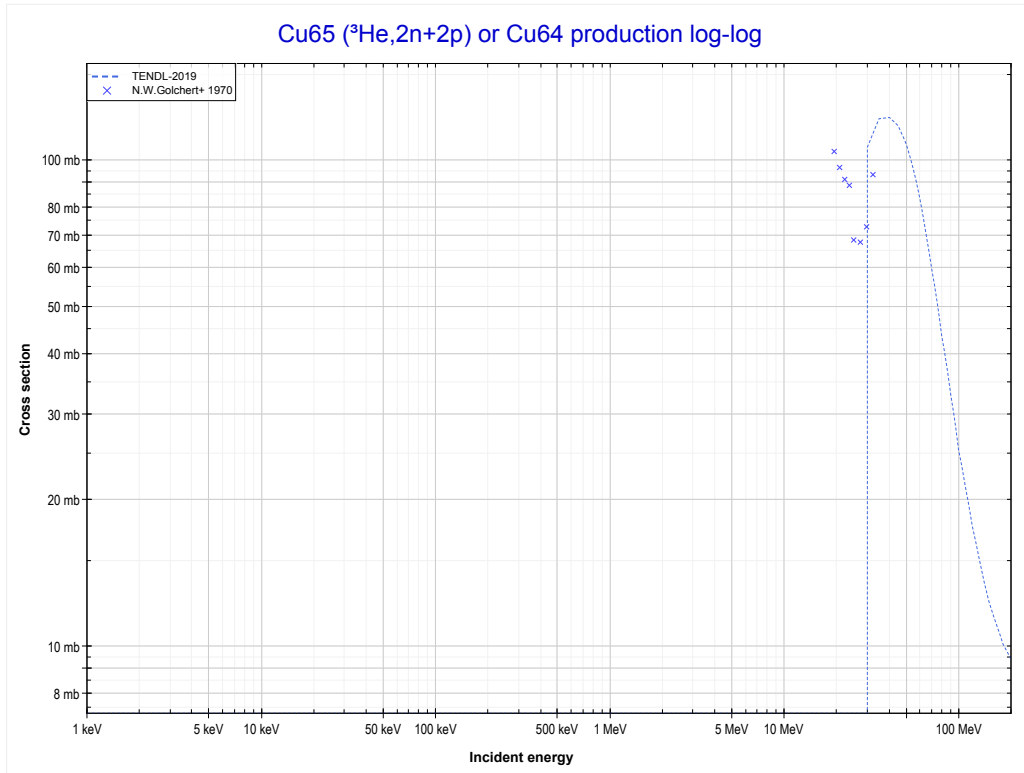
Reaction	Q-Value	Reaction	Q-Value
Cu65($\text{He}3,3n+2\alpha$)Co57	-22050.66 keV	Cu65($\text{He}3,d+3t$)Co57	-50972.03 keV
Cu65($\text{He}3,n+2t+\alpha$)Co57	-33382.73 keV	Cu65($\text{He}3,n+p+3t$)Co57	-53196.60 keV
Cu65($\text{He}3,2n+d+t+\alpha$)Co57	-39639.96 keV	Cu65($\text{He}3,2n+2t+\text{He}3$)Co57	-53960.35 keV
Cu65($\text{He}3,3n+p+t+\alpha$)Co57	-41864.53 keV	Cu65($\text{He}3,n+2d+2t$)Co57	-57229.26 keV
Cu65($\text{He}3,4n+\text{He}3+\alpha$)Co57	-42628.28 keV	Cu65($\text{He}3,2n+p+d+2t$)Co57	-59453.83 keV
Cu65($\text{He}3,3n+2d+\alpha$)Co57	-45897.19 keV	Cu65($\text{He}3,3n+d+t+\text{He}3$)Co57	-60217.58 keV
Cu65($\text{He}3,4n+p+d+\alpha$)Co57	-48121.76 keV	Cu65($\text{He}3,3n+2p+2t$)Co57	-61678.39 keV
Cu65($\text{He}3,5n+2p+\alpha$)Co57	-50346.32 keV	Cu65($\text{He}3,4n+p+t+\text{He}3$)Co57	-62442.15 keV

<< 27-Co-59	29-Cu-65	45-Rh-103 >>
<< MT180 ($^3\text{He},3n+2\alpha$)	MT183 ($^3\text{He},n+p+d$) or MT5 (Cu64 production)	MT190 ($^3\text{He},2n+2p$) >>



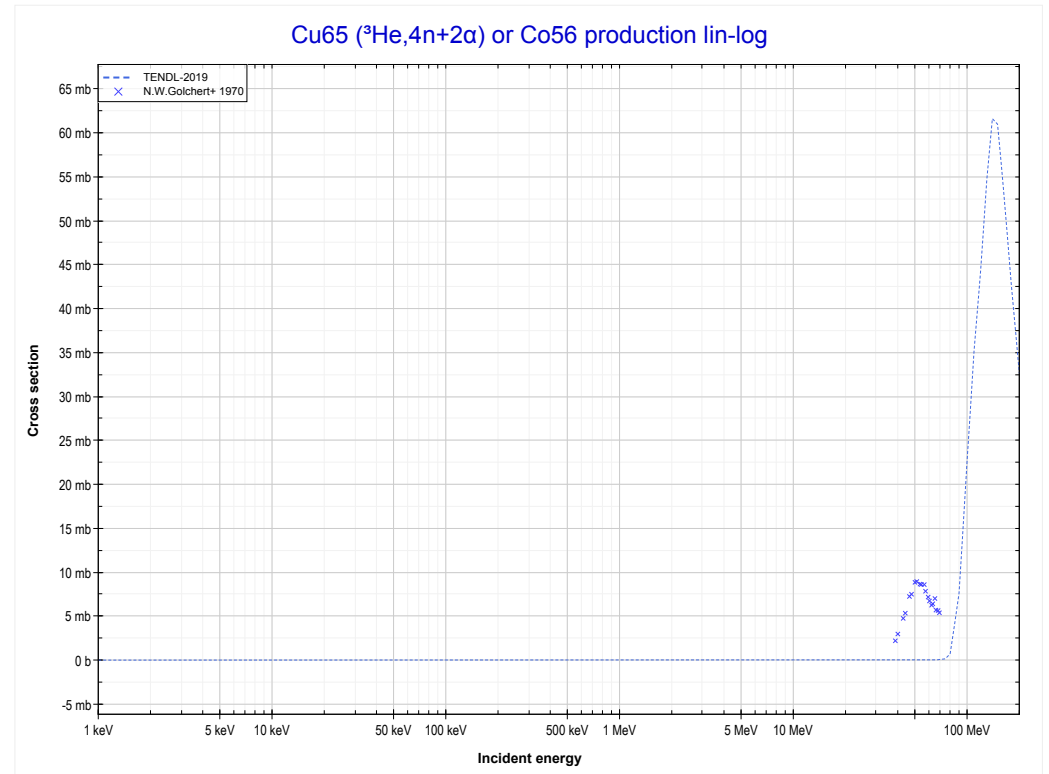
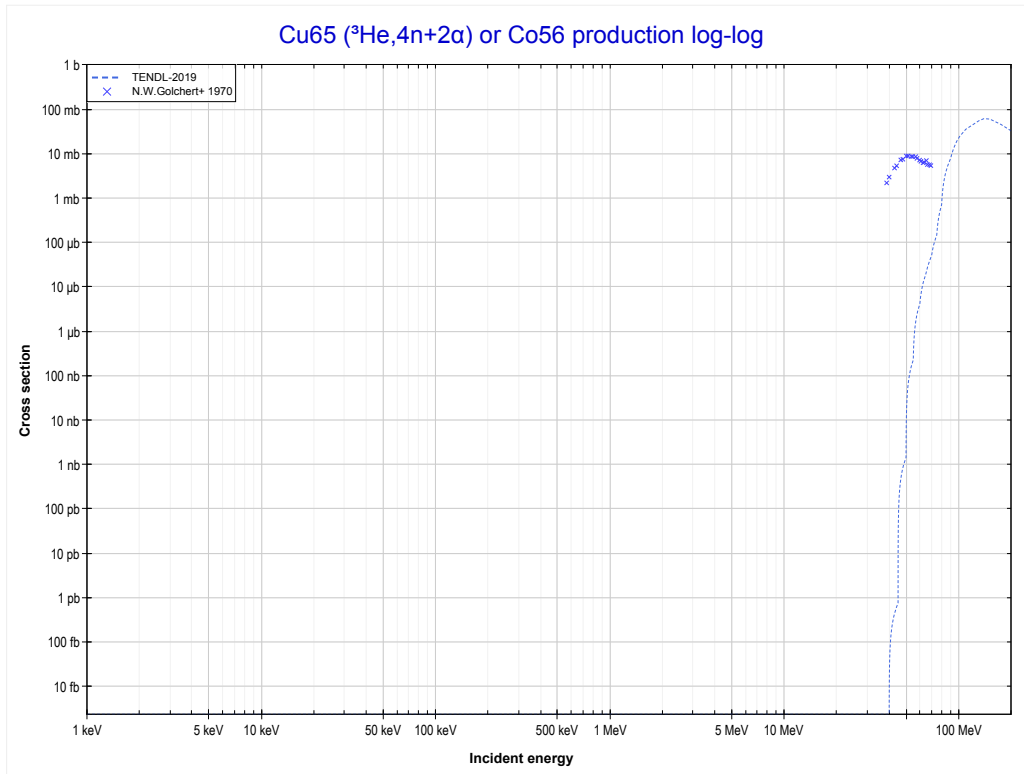
Reaction	Q-Value
Cu65(He3, α)Cu64	10667.10 keV
Cu65(He3,p+t)Cu64	-9146.76 keV
Cu65(He3,n+He3)Cu64	-9910.52 keV
Cu65(He3,2d)Cu64	-13179.43 keV
Cu65(He3,n+p+d)Cu64	-15403.99 keV
Cu65(He3,2n+2p)Cu64	-17628.56 keV

<< 27-Co-59	29-Cu-65	45-Rh-103 >>
<< MT183 (³ He,n+p+d)	MT190 (³He,2n+2p) or MT5 (Cu64 production)	MT195 (³ He,4n+2α) >>



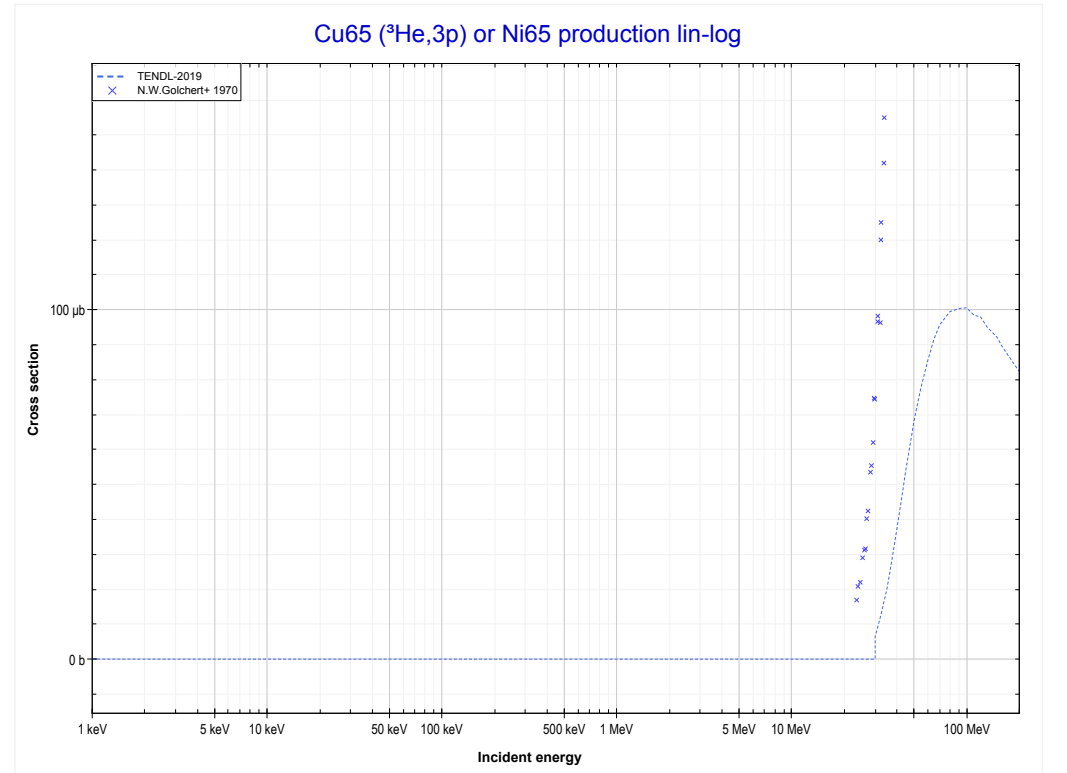
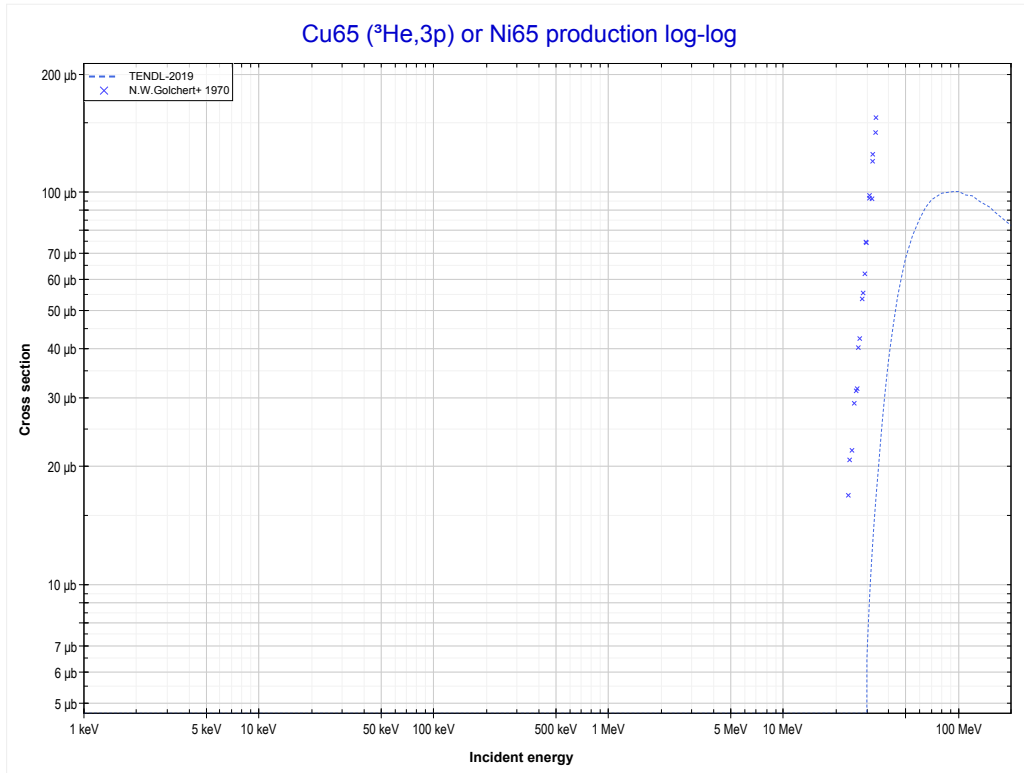
Reaction	Q-Value
Cu65(He3,α)Cu64	10667.10 keV
Cu65(He3,p+t)Cu64	-9146.76 keV
Cu65(He3,n+He3)Cu64	-9910.52 keV
Cu65(He3,2d)Cu64	-13179.43 keV
Cu65(He3,n+p+d)Cu64	-15403.99 keV
Cu65(He3,2n+2p)Cu64	-17628.56 keV

	29-Cu-65	
<< MT190 ($^3\text{He},2n+2p$)	MT195 ($^3\text{He},4n+2\alpha$) or MT5 (Co56 production)	MT197 ($^3\text{He},3p$) >>



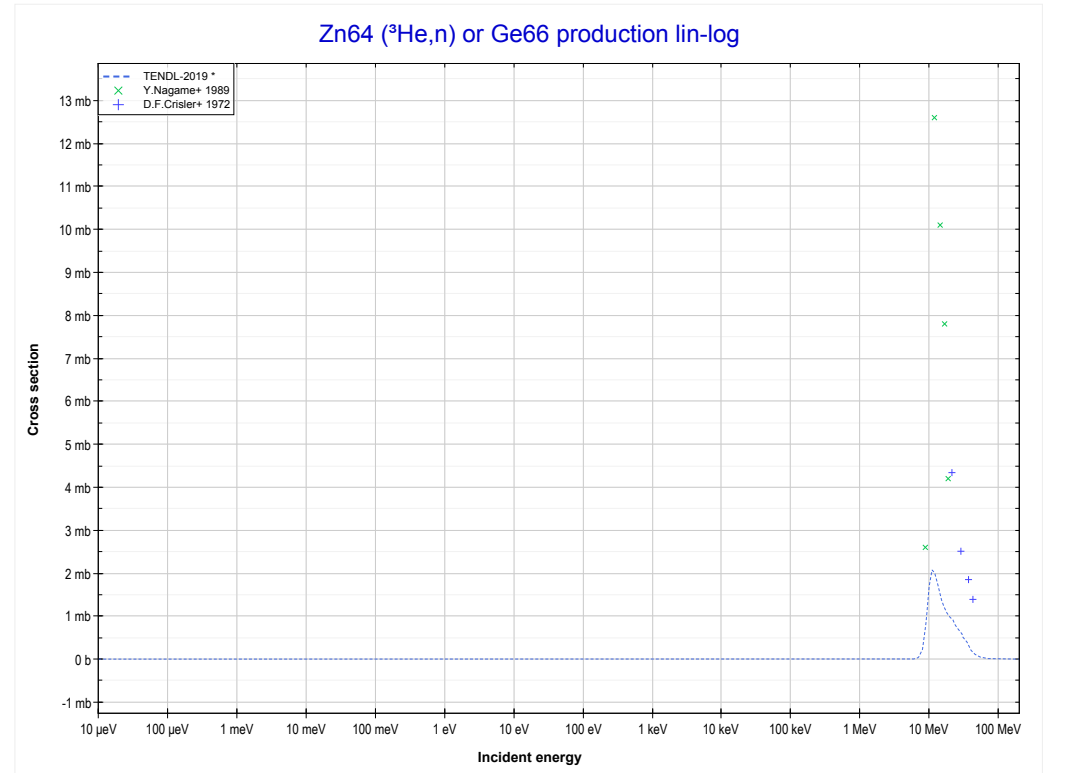
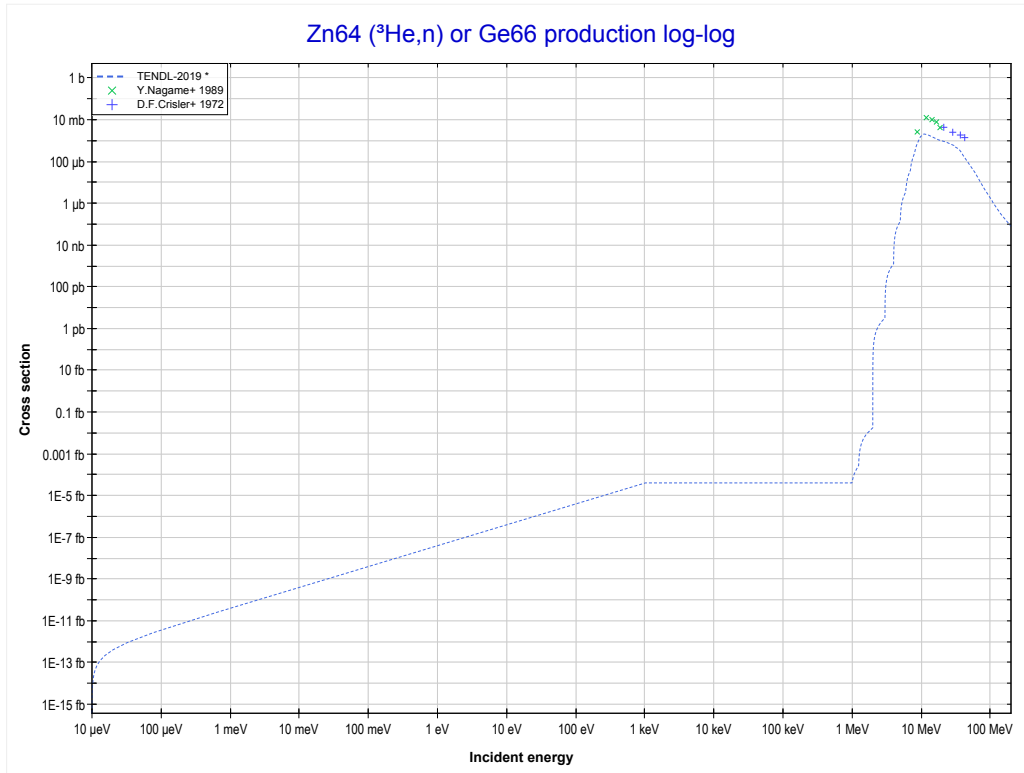
Reaction	Q-Value	Reaction	Q-Value
Cu65(He3,4n+2α)Co56	-33427.18 keV	Cu65(He3,6n+2p+α)Co56	-61722.84 keV
Cu65(He3,2n+2t+α)Co56	-44759.25 keV	Cu65(He3,n+d+3t)Co56	-62348.55 keV
Cu65(He3,3n+d+t+α)Co56	-51016.48 keV	Cu65(He3,2n+p+3t)Co56	-64573.12 keV
Cu65(He3,4n+p+t+α)Co56	-53241.05 keV	Cu65(He3,3n+2t+He3)Co56	-65336.87 keV
Cu65(He3,5n+He3+α)Co56	-54004.80 keV	Cu65(He3,2n+2d+2t)Co56	-68605.78 keV
Cu65(He3,4t)Co56	-56091.32 keV	Cu65(He3,3n+p+d+2t)Co56	-70830.35 keV
Cu65(He3,4n+2d+α)Co56	-57273.71 keV	Cu65(He3,4n+d+t+He3)Co56	-71594.10 keV
Cu65(He3,5n+p+d+α)Co56	-59498.28 keV	Cu65(He3,4n+2p+2t)Co56	-73054.91 keV

<< 27-Co-59	29-Cu-65	30-Zn-64 >>
<< MT195 (³ He,4n+2α)	MT197 (³He,3p) or MT5 (Ni65 production)	30-Zn-64 MT4 (³ He,n) >>



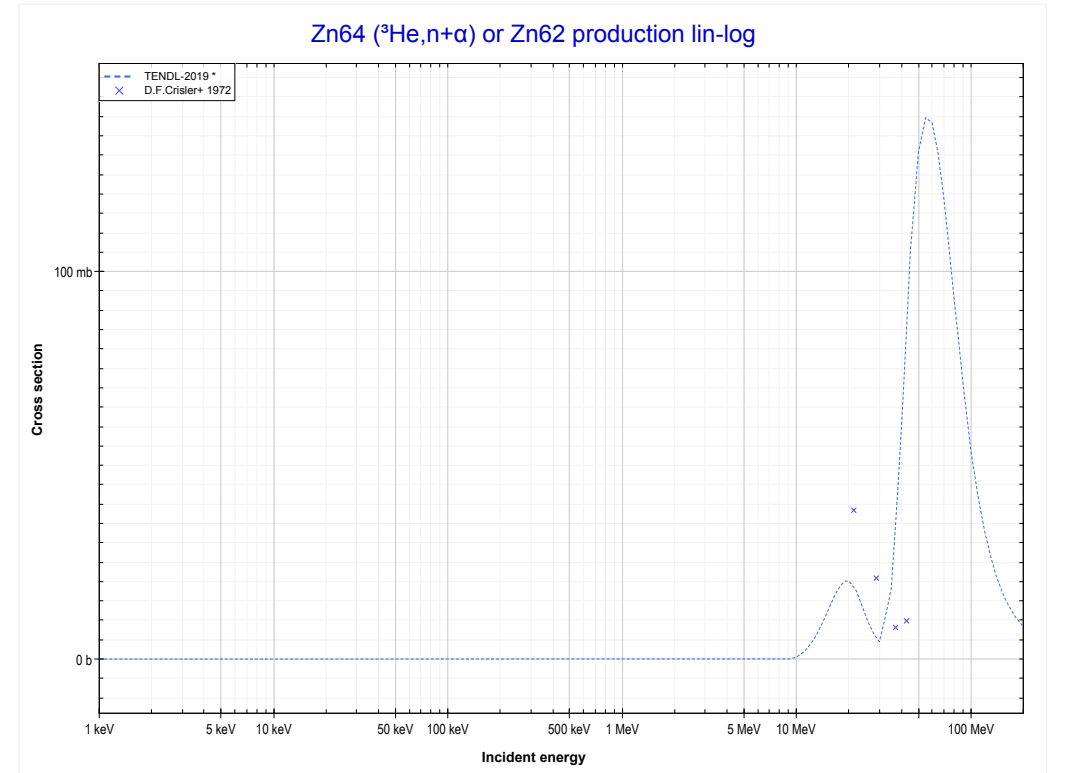
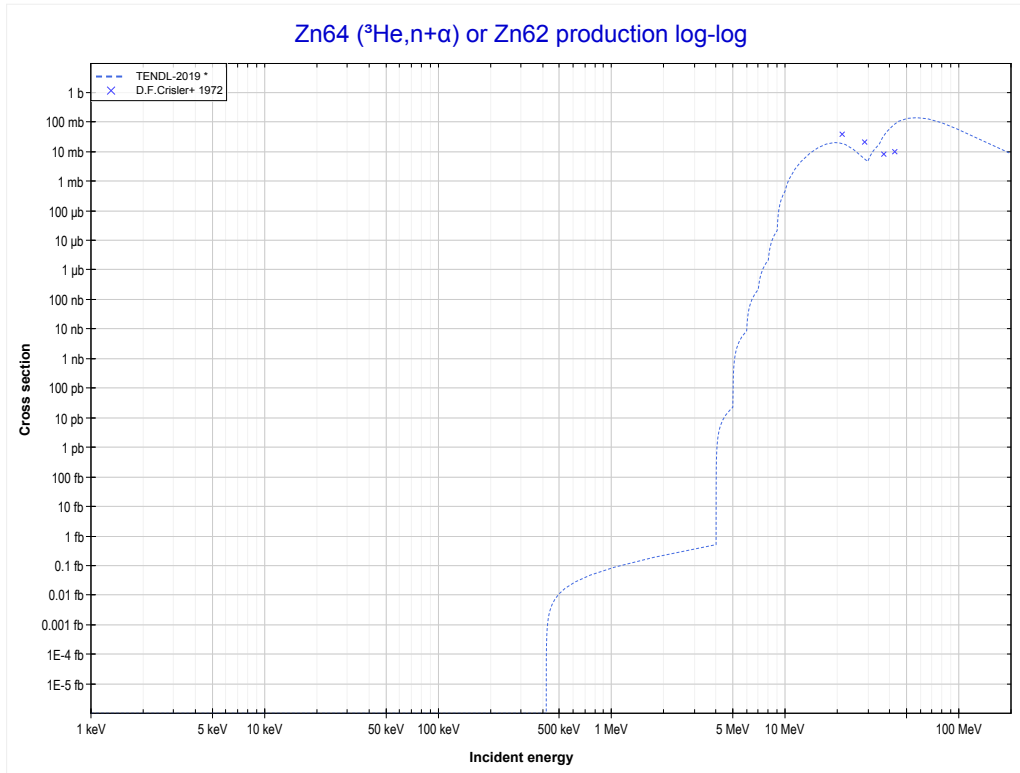
Reaction	Q-Value
Cu65(He3,3p)Ni65	-9073.69 keV

<< 29-Cu-65	30-Zn-64	31-Ga-69 >>
<< 29-Cu-65 MT197 (³ He,3p)	MT4 (³He,n) or MT5 (Ge66 production)	MT22 (³ He,n+α) >>



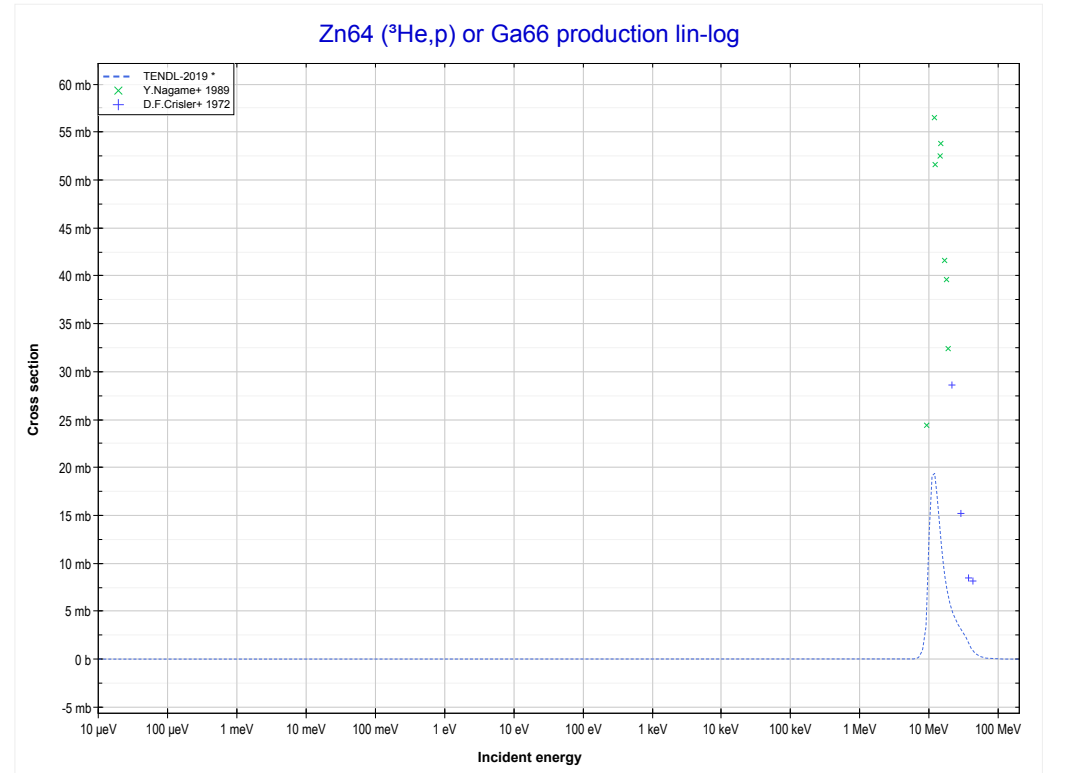
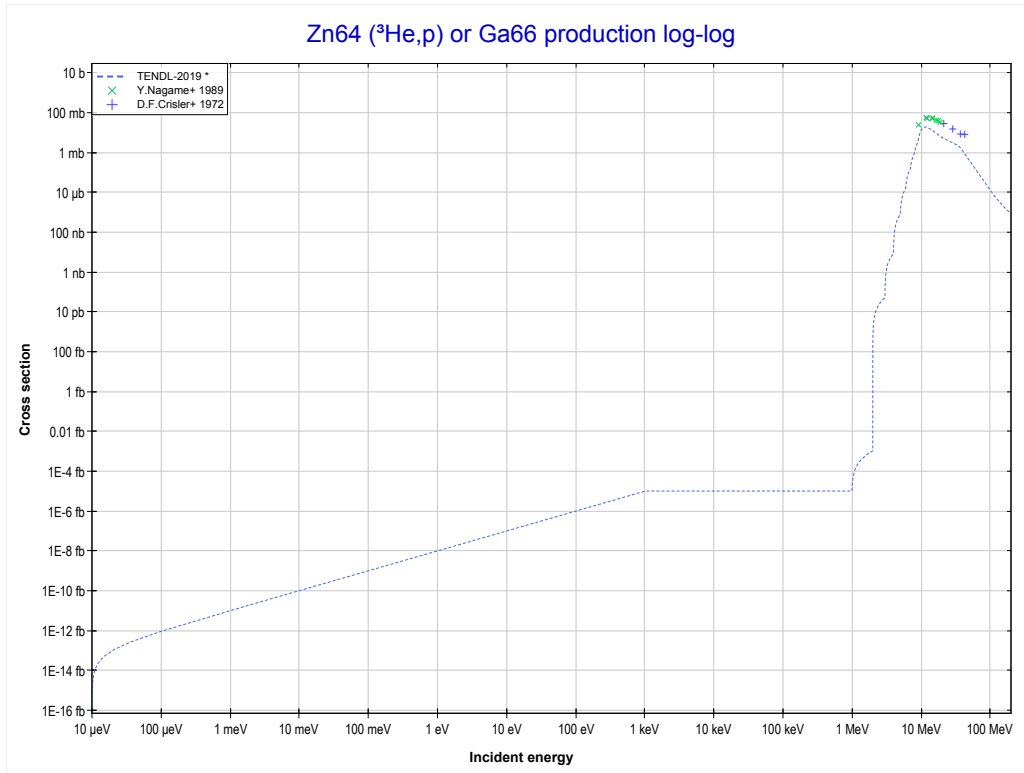
Reaction	Q-Value
Zn64(He3,n)Ge66	2462.90 keV

<< 29-Cu-63	30-Zn-64	31-Ga-69 >>
<< MT4 (³ He,n)	MT22 (³He,n+α) or MT5 (Zn62 production)	MT103 (³ He,p) >>



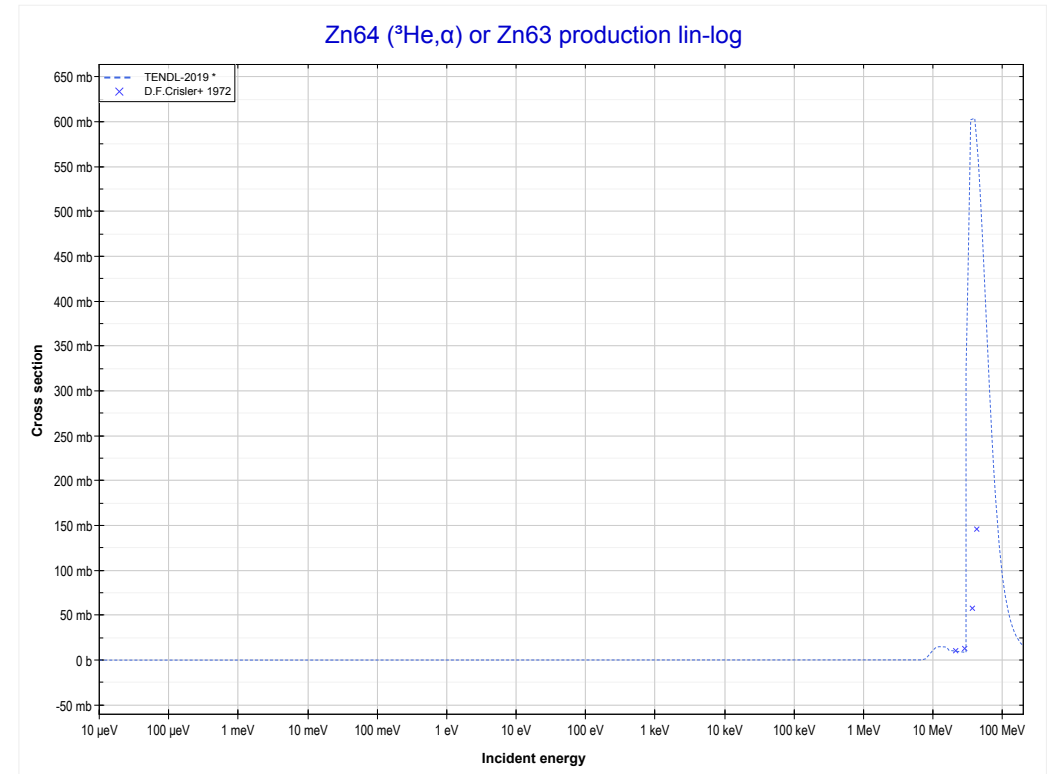
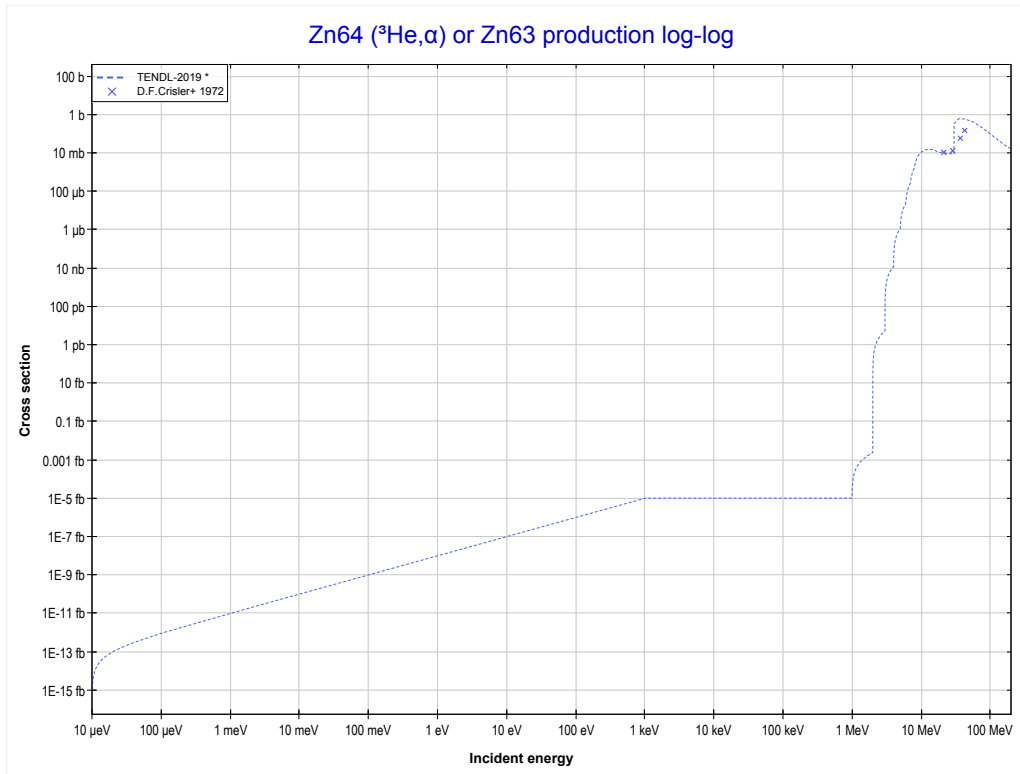
Reaction	Q-Value
Zn64(He3,n+α)Zn62	-401.01 keV
Zn64(He3,d+t)Zn62	-17990.31 keV
Zn64(He3,n+p+t)Zn62	-20214.88 keV
Zn64(He3,2n+He3)Zn62	-20978.63 keV
Zn64(He3,n+2d)Zn62	-24247.54 keV
Zn64(He3,2n+p+d)Zn62	-26472.11 keV
Zn64(He3,3n+2p)Zn62	-28696.67 keV

<< 29-Cu-63	30-Zn-64	38-Sr-88 >>
<< MT22 (³ He,n+α)	MT103 (³He,p) or MT5 (Ga66 production)	MT107 (³ He,α) >>



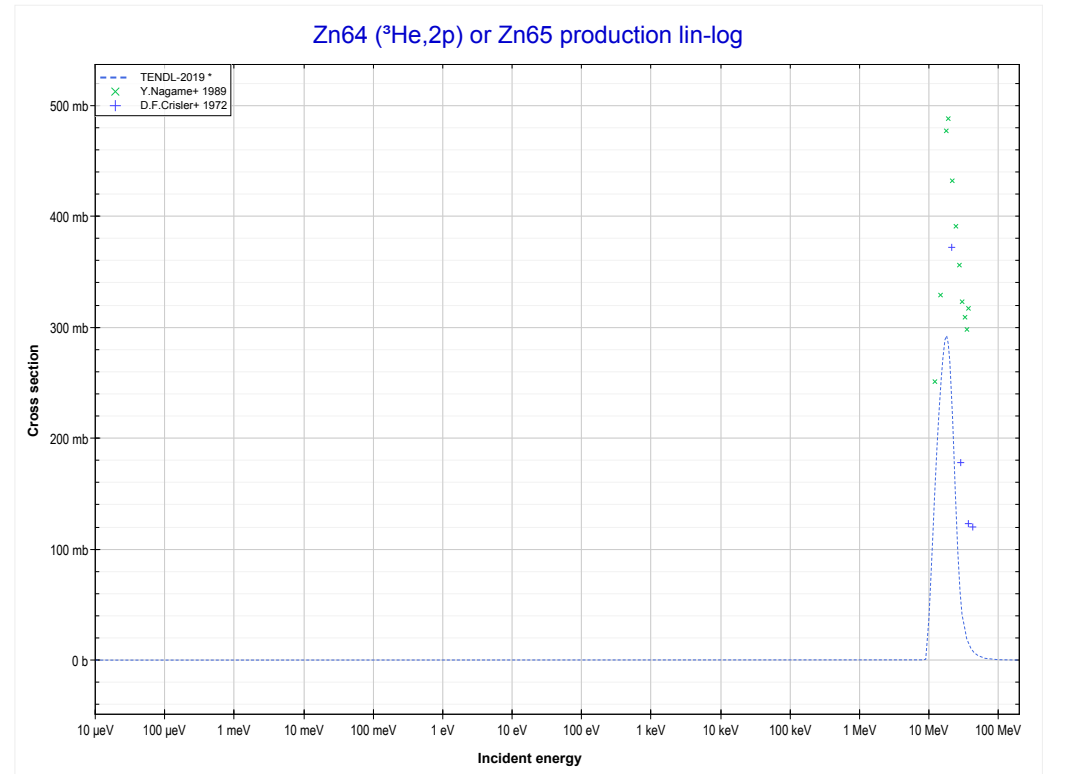
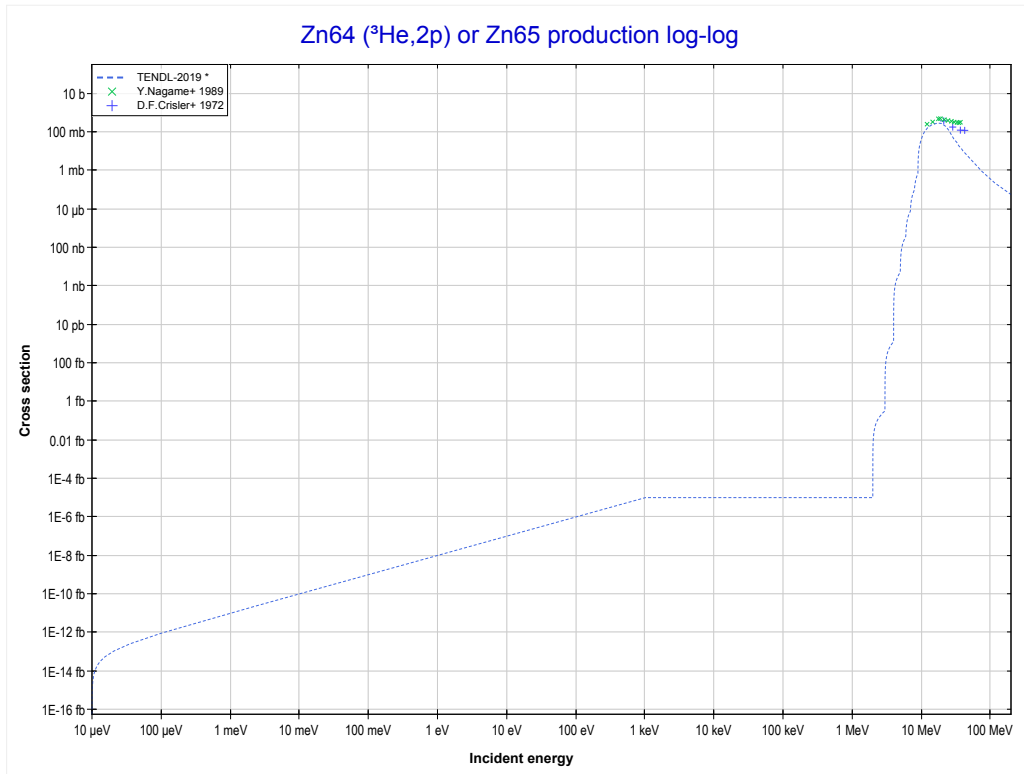
Reaction	Q-Value
Zn64(He3,p)Ga66	5361.95 keV

<< 29-Cu-65	30-Zn-64	31-Ga-69 >>
<< MT103 (³ He,p)	MT107 (³He,α) or MT5 (Zn63 production)	MT111 (³ He,2p) >>



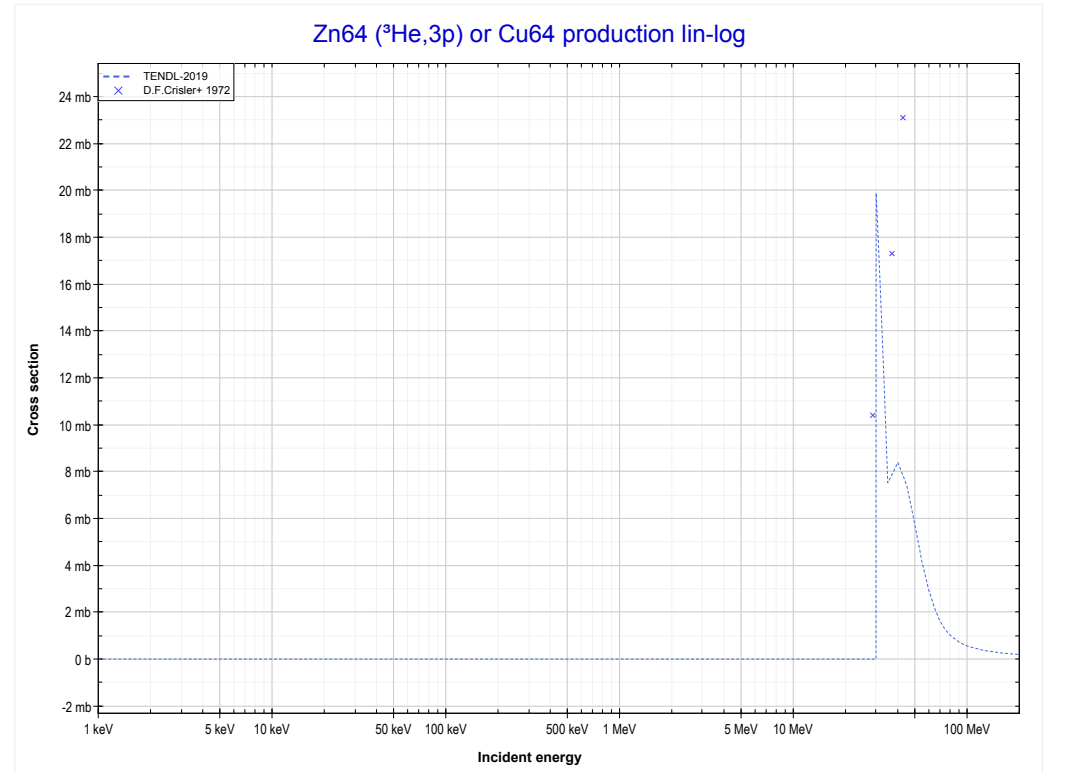
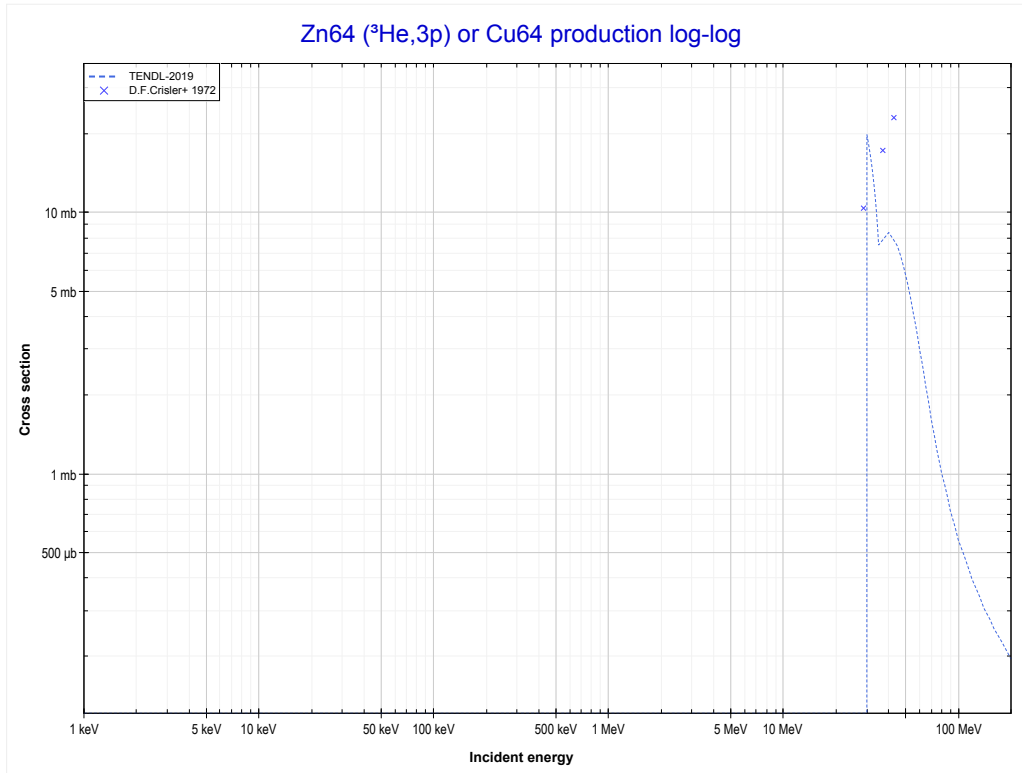
Reaction	Q-Value
Zn64(He3,α)Zn63	8715.70 keV
Zn64(He3,p+t)Zn63	-11098.16 keV
Zn64(He3,n+He3)Zn63	-11861.92 keV
Zn64(He3,2d)Zn63	-15130.83 keV
Zn64(He3,n+p+d)Zn63	-17355.39 keV
Zn64(He3,2n+2p)Zn63	-19579.96 keV

<< 29-Cu-63	30-Zn-64	30-Zn-68 >>
<< MT107 (³ He,α)	MT111 (³He,2p) or MT5 (Zn65 production)	MT197 (³ He,3p) >>



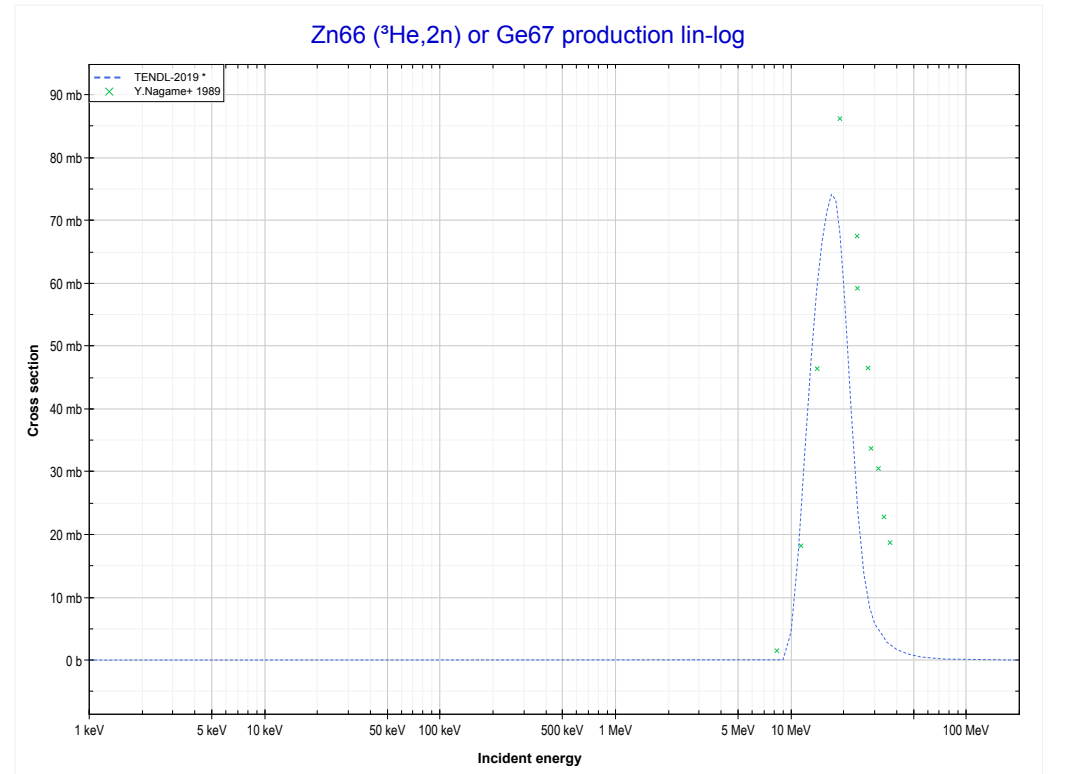
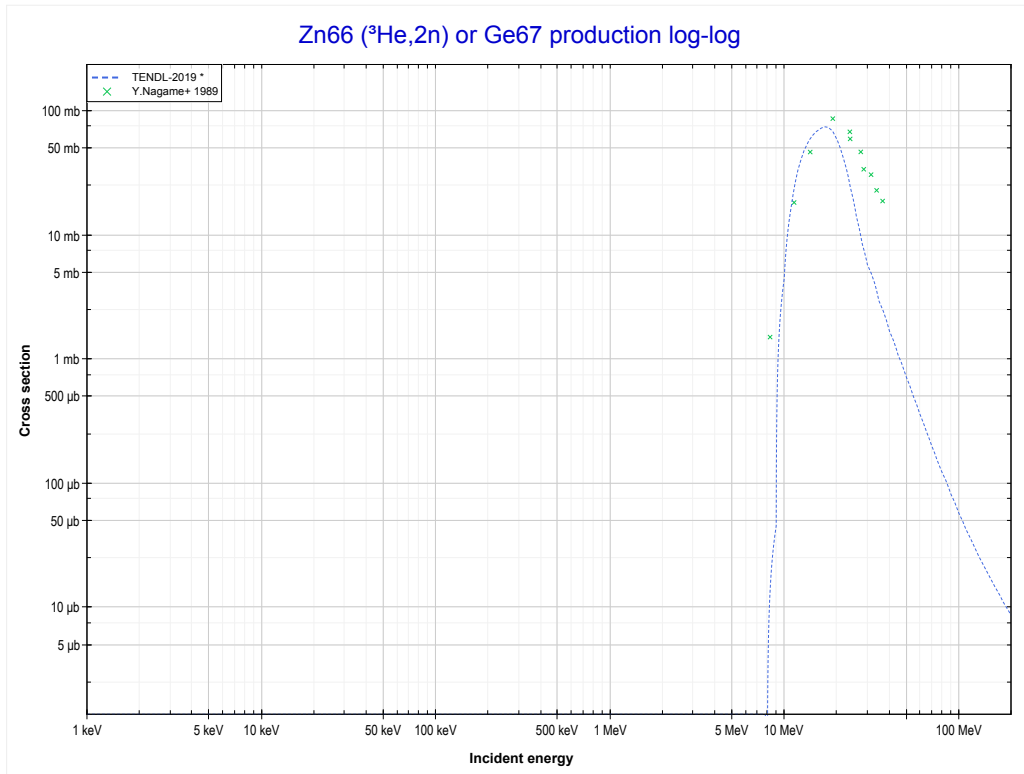
Reaction	Q-Value
Zn64(He3,2p)Zn65	261.28 keV

<< 29-Cu-65	30-Zn-64	
<< MT111 (³ He,2p)	MT197 (³He,3p) or MT5 (Cu64 production)	30-Zn-66 MT16 (³ He,2n) >>



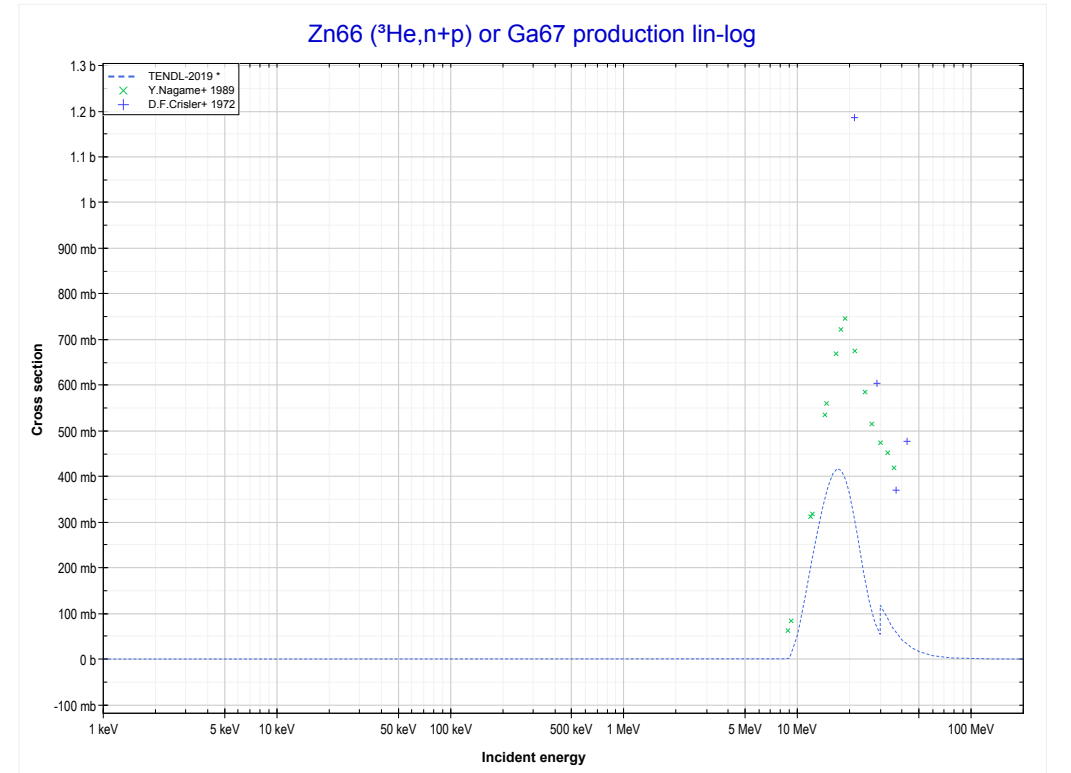
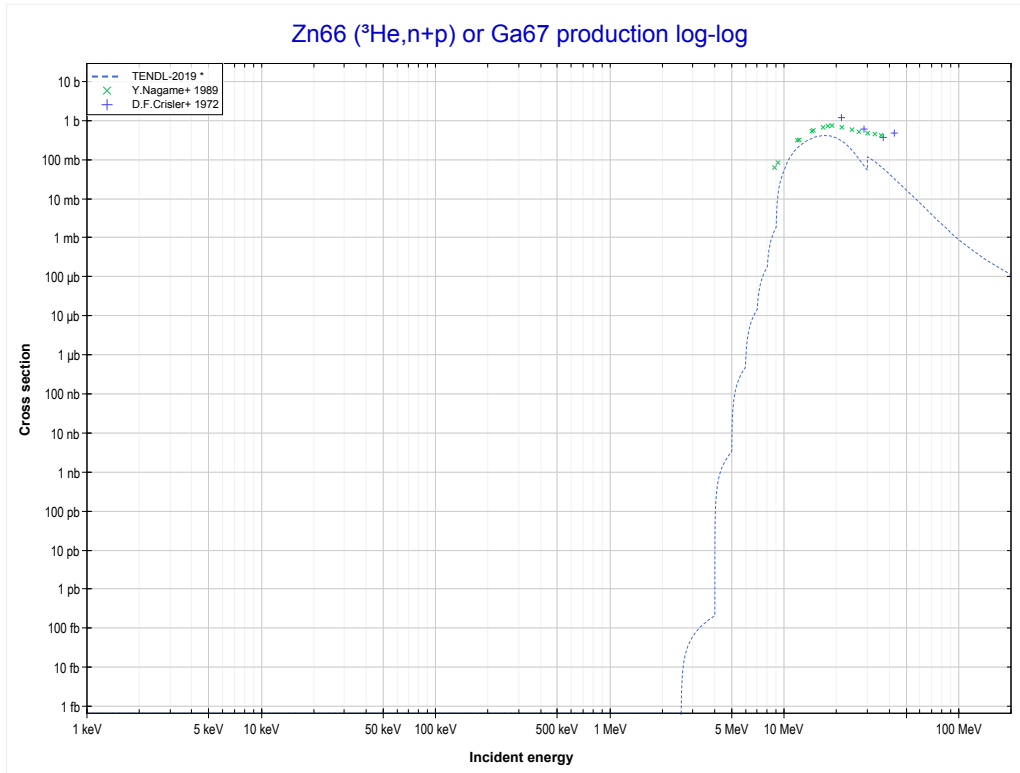
Reaction	Q-Value
Zn64(He3,3p)Cu64	-7515.19 keV

<< 29-Cu-65	30-Zn-66	30-Zn-68 >>
<< 30-Zn-64 MT197 (³ He,3p)	MT16 (³He,2n) or MT5 (Ge67 production)	MT28 (³ He,n+p) >>



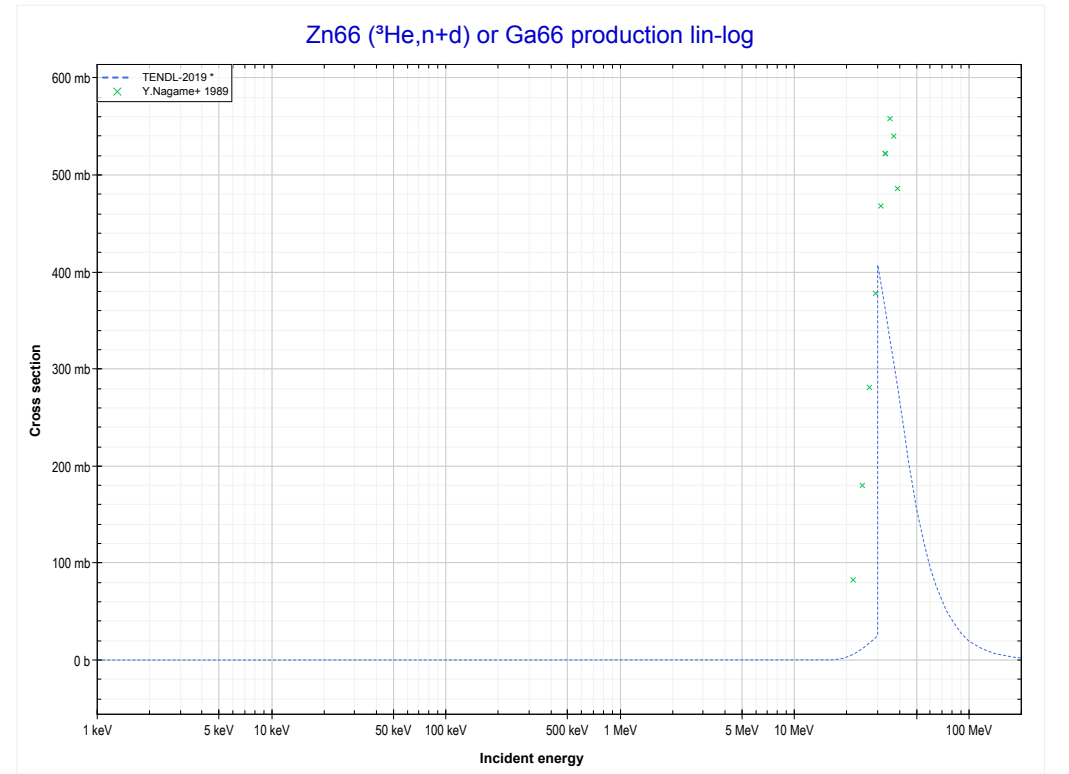
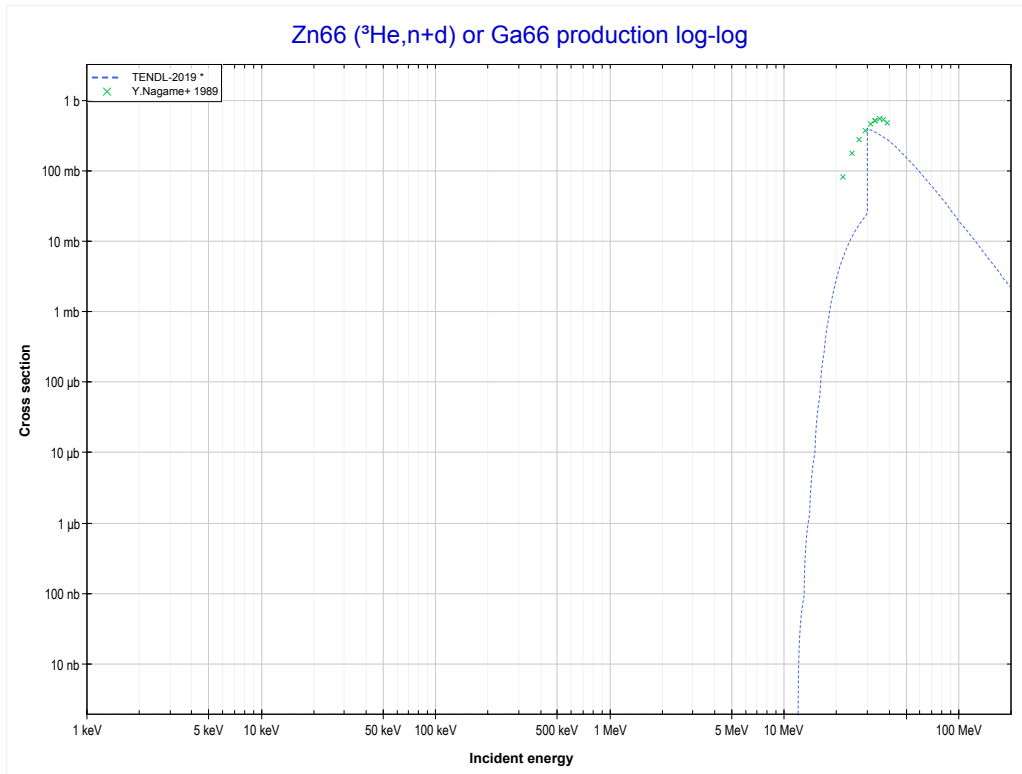
Reaction	Q-Value
Zn66(He3,2n)Ge67	-7452.62 keV

<< 26-Fe-56	30-Zn-66	34-Se-76 >>
<< MT16 (³ He,2n)	MT28 (³He,n+p) or MT5 (Ga67 production)	MT32 (³ He,n+d) >>



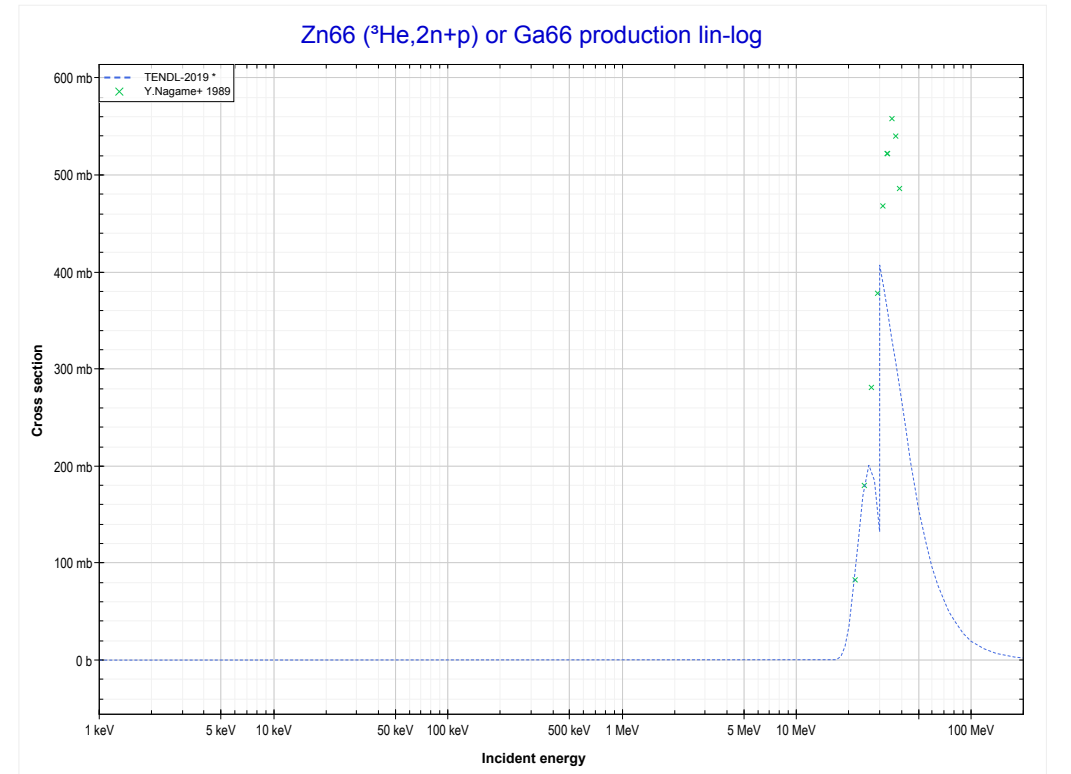
Reaction	Q-Value
Zn66(He3,d)Ga67	-224.70 keV
Zn66(He3,n+p)Ga67	-2449.27 keV

<< 26-Fe-56	30-Zn-66	30-Zn-68 >>
<< MT28 (³ He,n+p)	MT32 (³He,n+d) or MT5 (Ga66 production)	MT41 (³ He,2n+p) >>



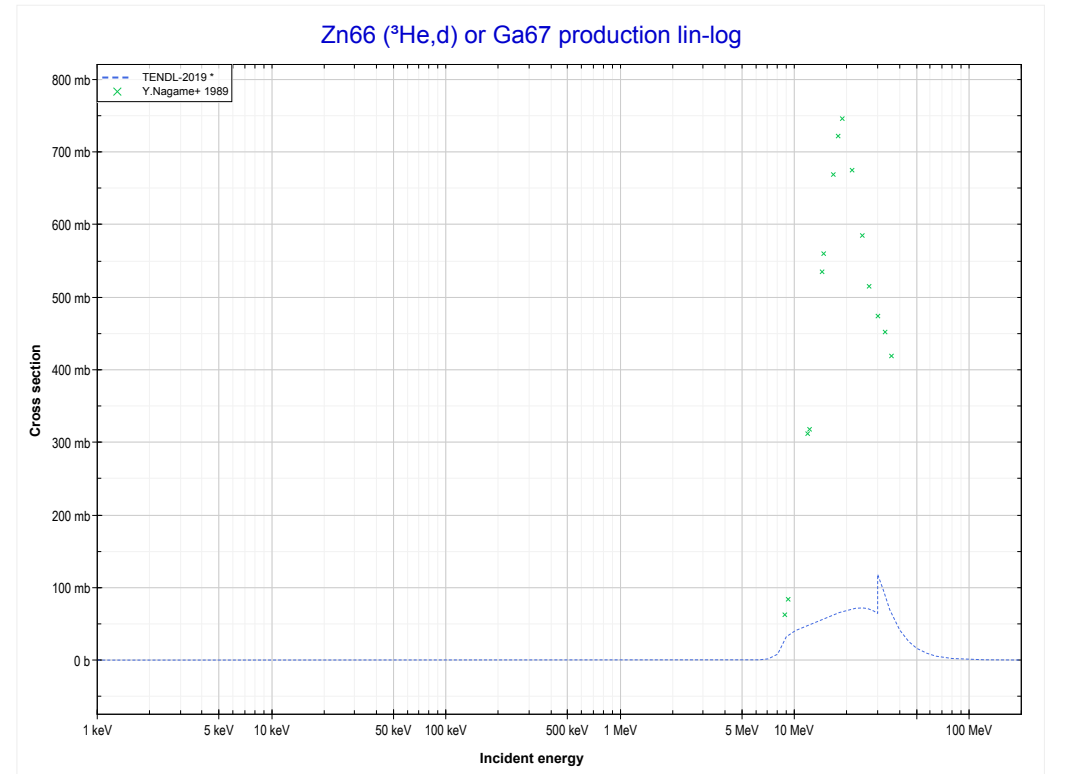
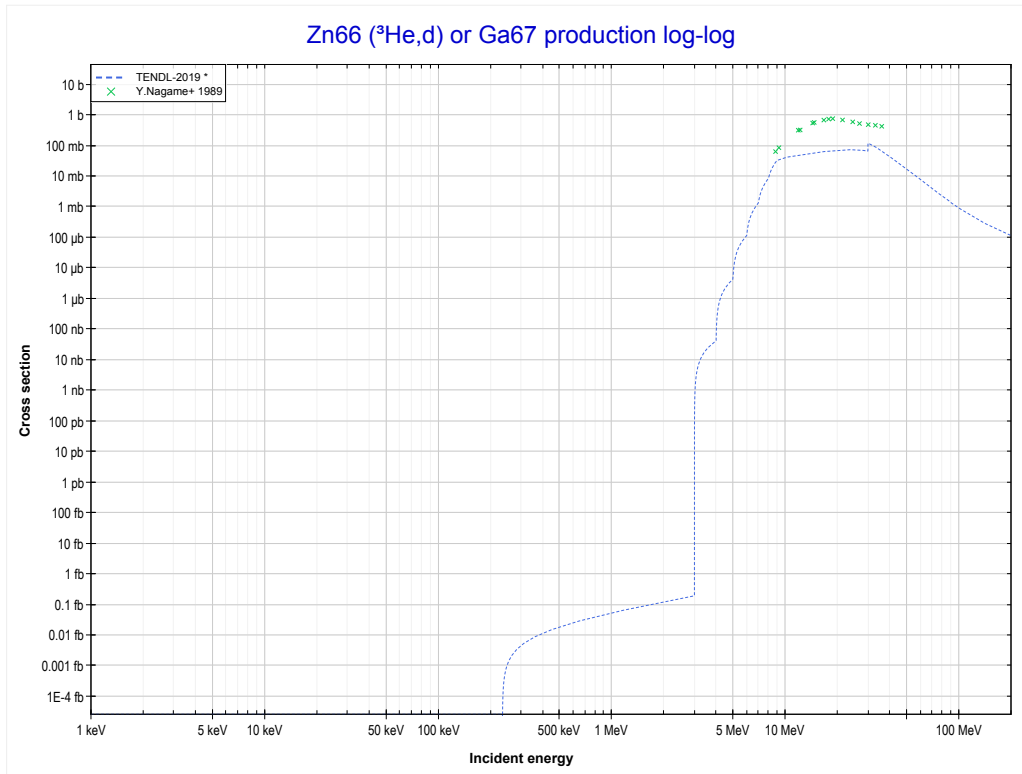
Reaction	Q-Value
Zn66(He3,t)Ga66	-5194.09 keV
Zn66(He3,n+d)Ga66	-11451.32 keV
Zn66(He3,2n+p)Ga66	-13675.89 keV

<< 26-Fe-56	30-Zn-66	30-Zn-68 >>
<< MT32 (³ He,n+d)	MT41 (³He,2n+p) or MT5 (Ga66 production)	MT104 (³ He,d) >>



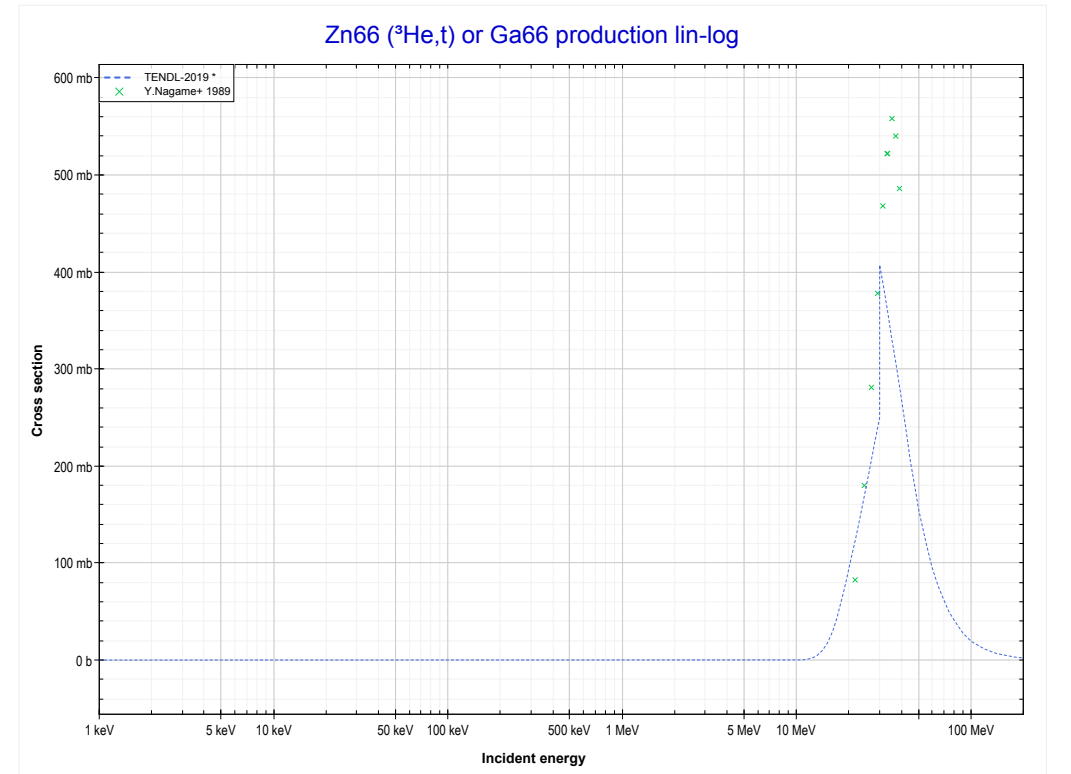
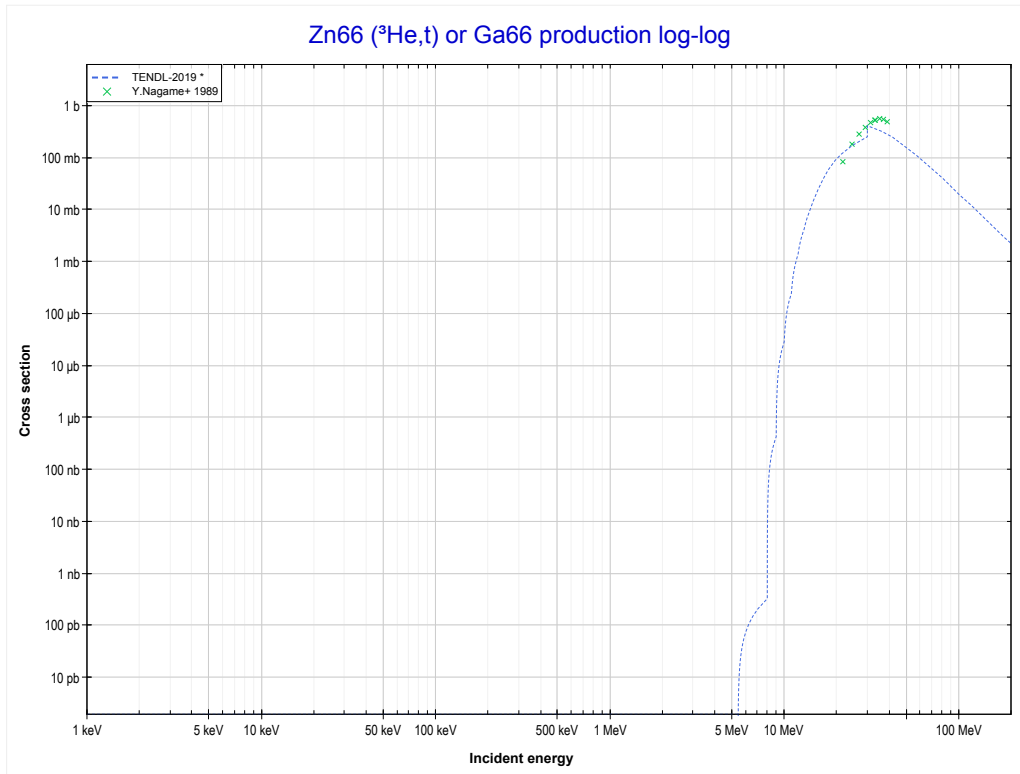
Reaction	Q-Value
Zn66(He3,t)Ga66	-5194.09 keV
Zn66(He3,n+d)Ga66	-11451.32 keV
Zn66(He3,2n+p)Ga66	-13675.89 keV

<< 26-Fe-56	30-Zn-66	44-Ru-101 >>
<< MT41 ($^3\text{He},2n+p$)	MT104 ($^3\text{He},d$) or MT5 (Ga67 production)	MT105 ($^3\text{He},t$) >>



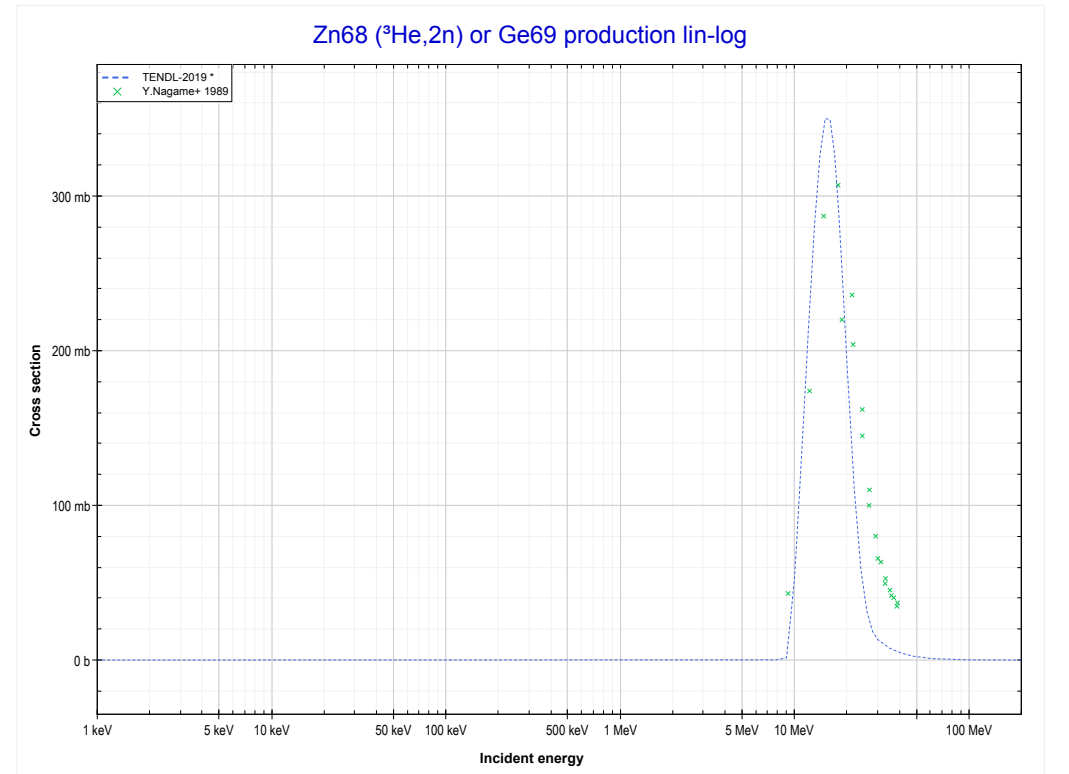
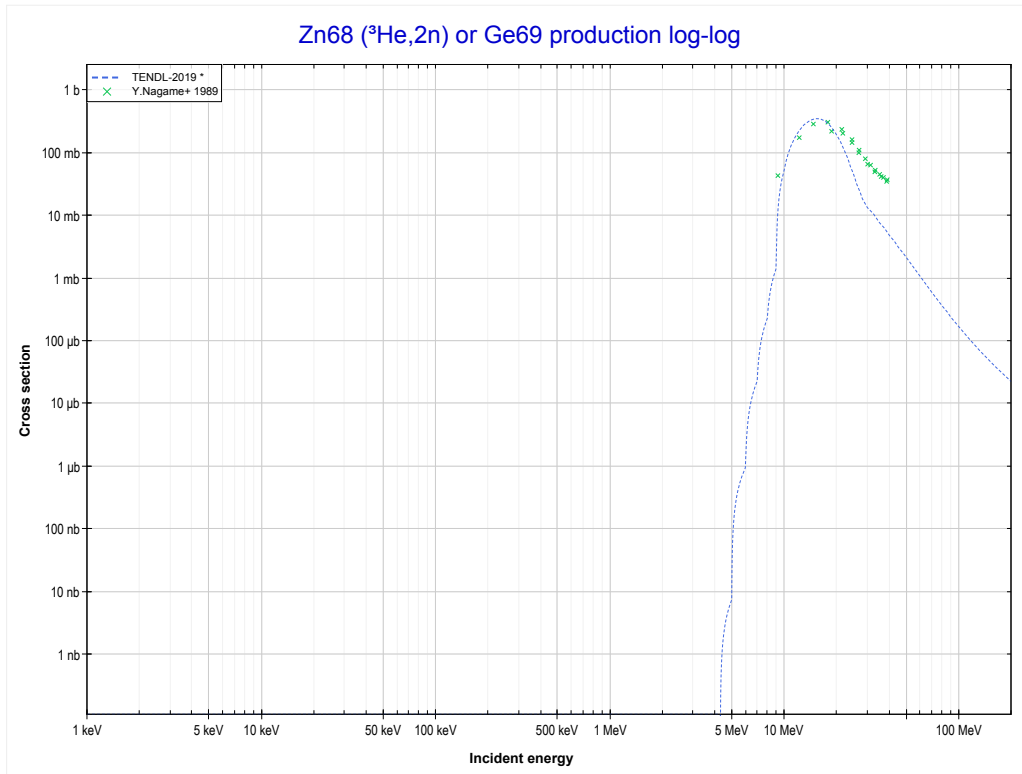
Reaction	Q-Value
Zn66(He3,d)Ga67	-224.70 keV
Zn66(He3,n+p)Ga67	-2449.27 keV

<< 26-Fe-56	30-Zn-66	30-Zn-68 >>
<< MT104 ($^3\text{He},d$)	MT105 ($^3\text{He},t$) or MT5 (Ga66 production)	30-Zn-68 MT16 ($^3\text{He},2n$) >>



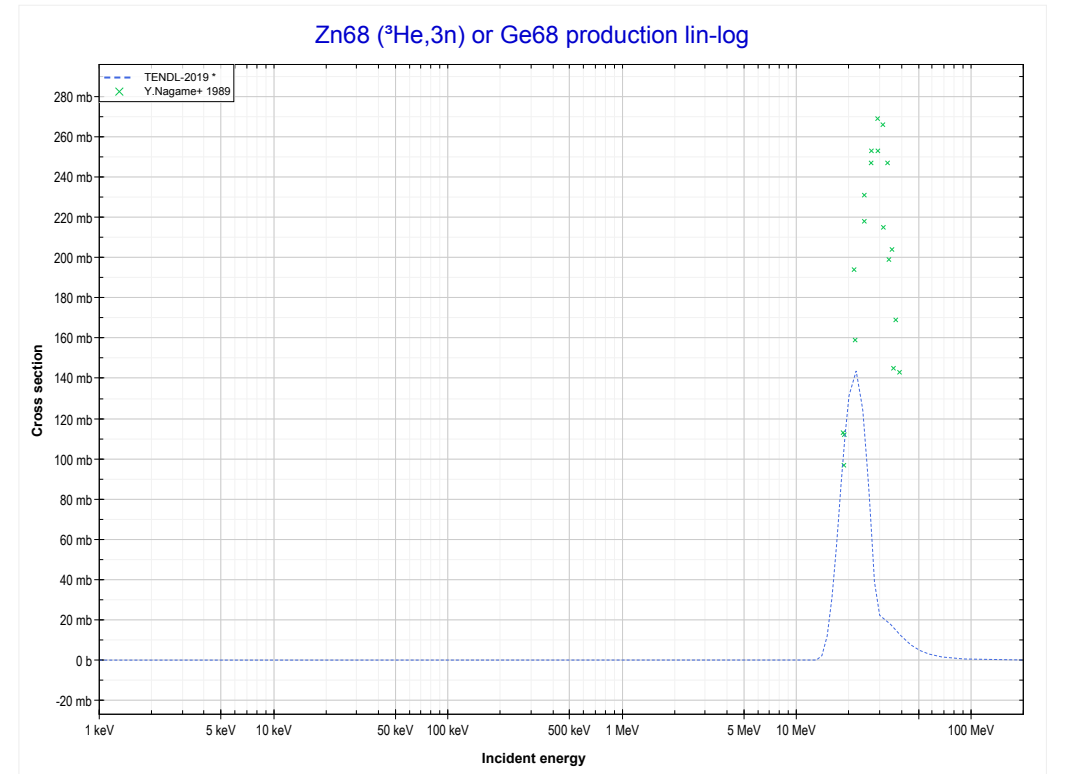
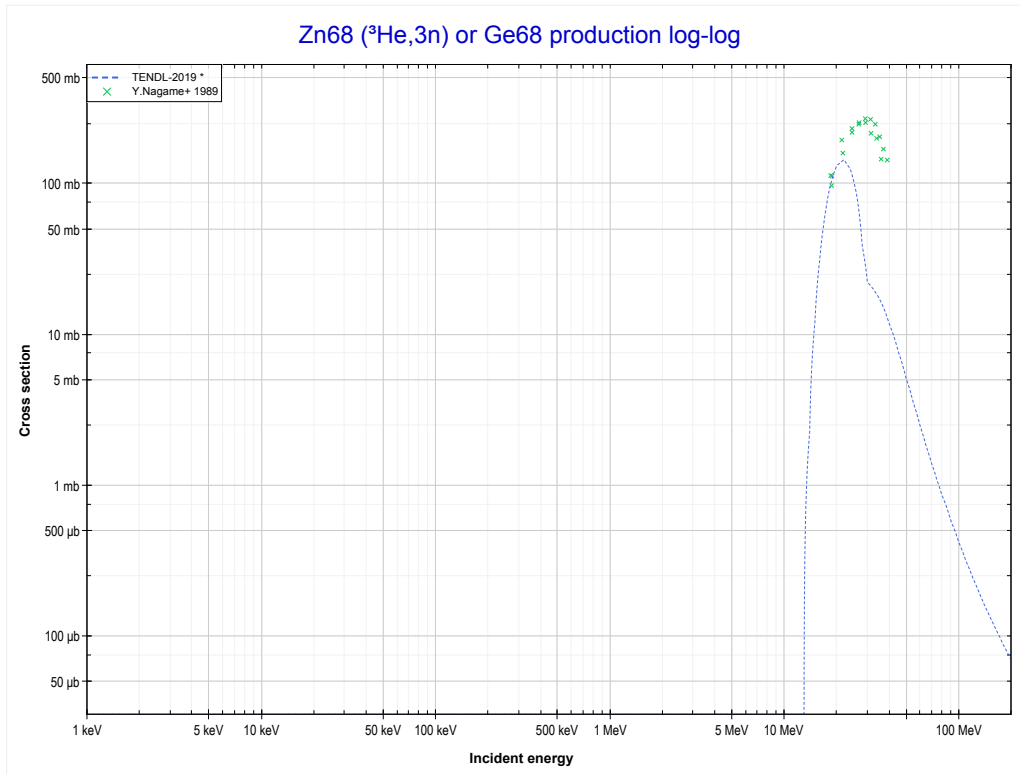
Reaction	Q-Value
Zn66($\text{He}3,t$)Ga66	-5194.09 keV
Zn66($\text{He}3,n+d$)Ga66	-11451.32 keV
Zn66($\text{He}3,2n+p$)Ga66	-13675.89 keV

<< 30-Zn-66	30-Zn-68	31-Ga-69 >>
<< 30-Zn-66 MT105 ($^3\text{He},t$)	MT16 ($^3\text{He},2n$) or MT5 (Ge69 production)	MT17 ($^3\text{He},3n$) >>



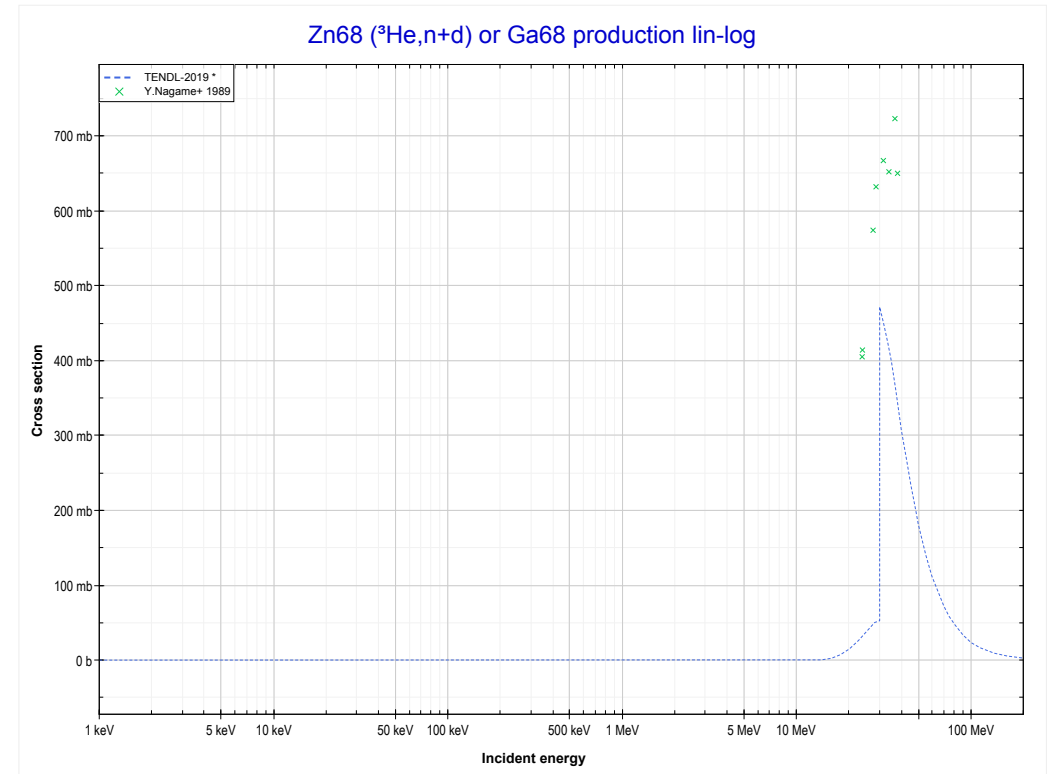
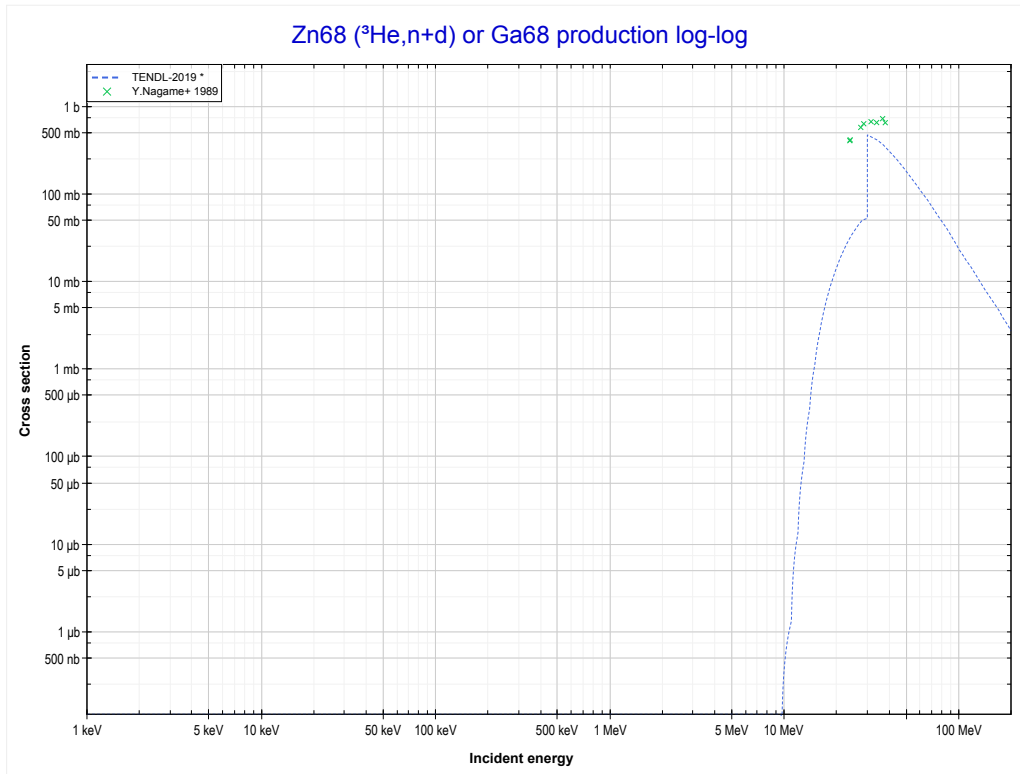
Reaction	Q-Value
Zn68(He3,2n)Ge69	-4117.82 keV

<< 29-Cu-65	30-Zn-68	33-As-75 >>
<< MT16 (³ He,2n)	MT17 (³He,3n) or MT5 (Ge68 production)	MT32 (³ He,n+d) >>



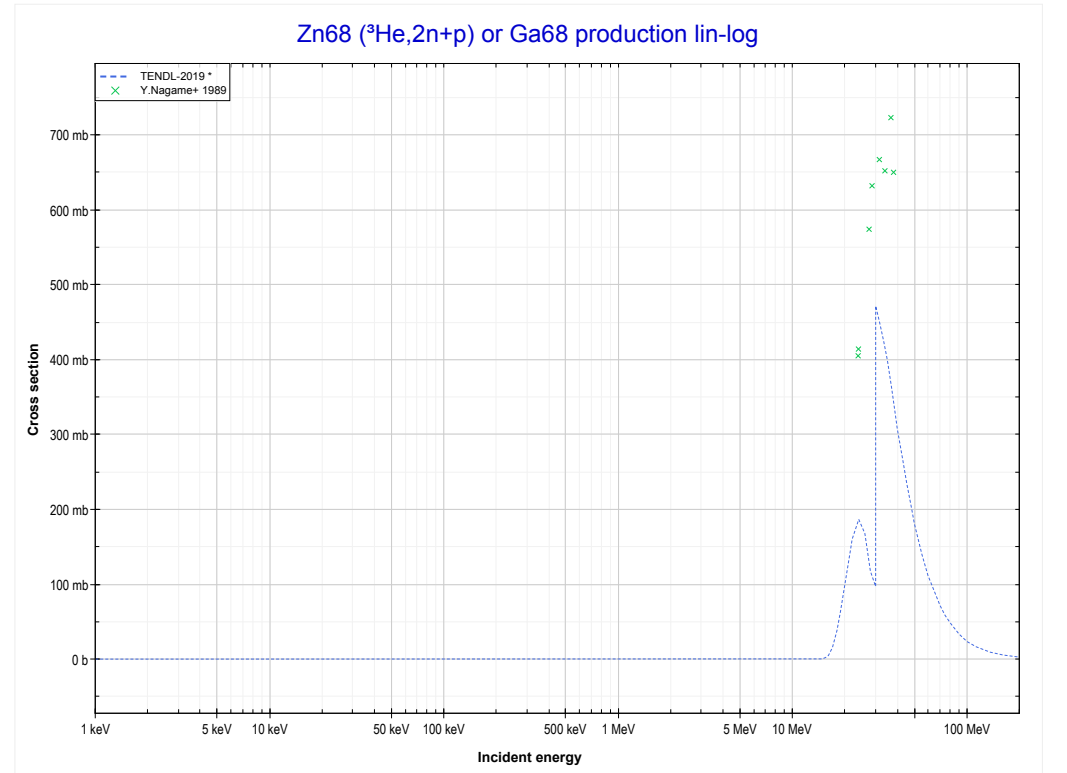
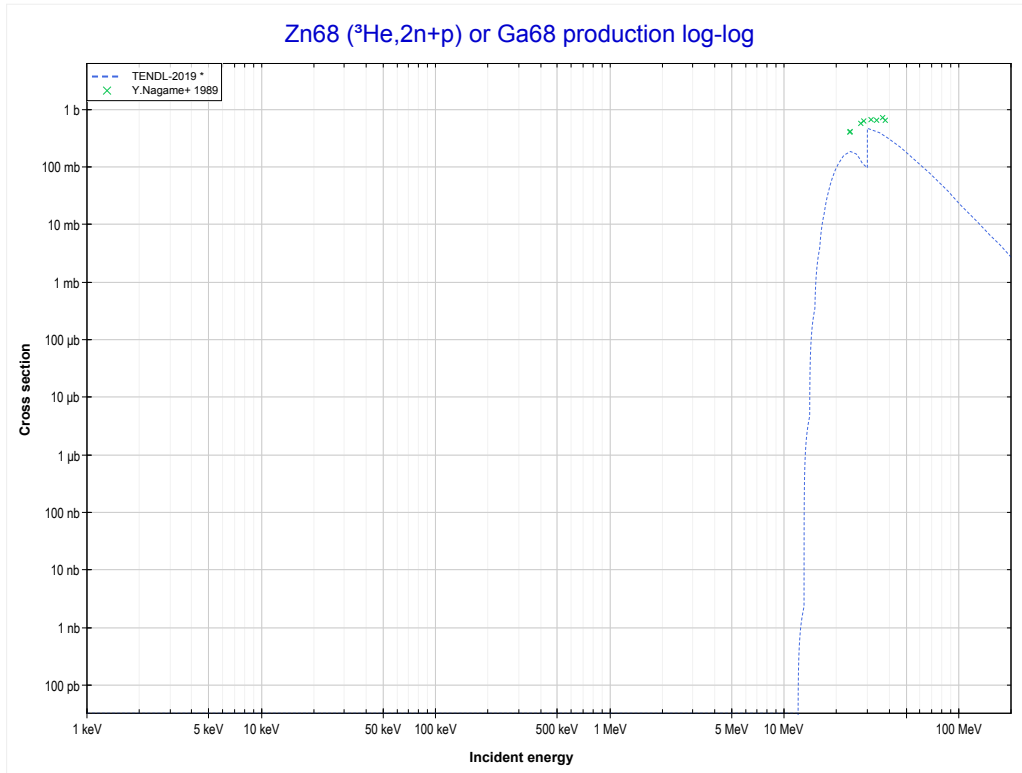
Reaction	Q-Value
Zn68(He3,3n)Ge68	-12311.03 keV

<< 30-Zn-66	30-Zn-68	44-Ru-102 >>
<< MT17 (³ He,3n)	MT32 (³He,n+d) or MT5 (Ga68 production)	MT41 (³ He,2n+p) >>



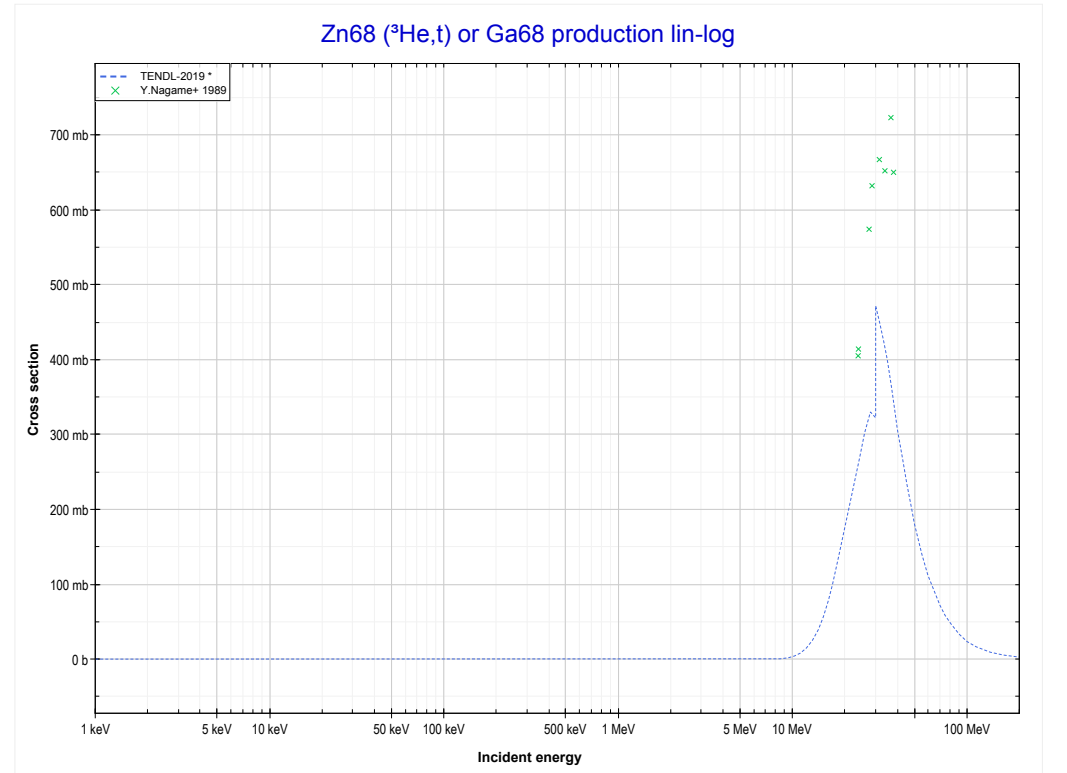
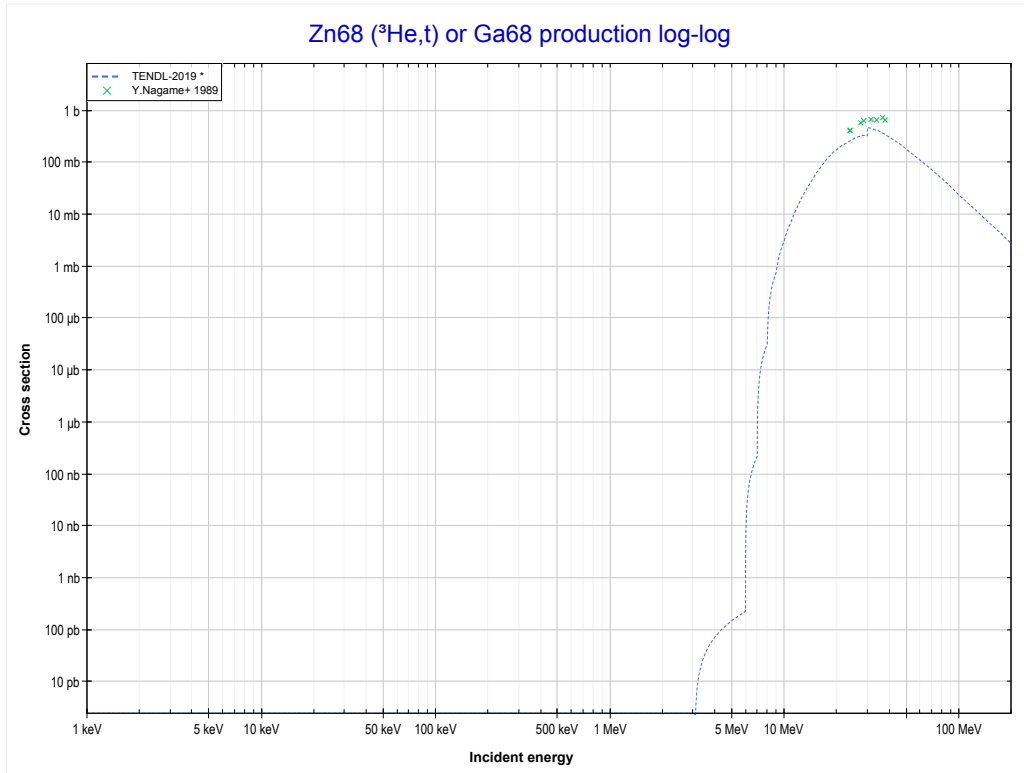
Reaction	Q-Value
Zn68(He3,t)Ga68	-2939.69 keV
Zn68(He3,n+d)Ga68	-9196.92 keV
Zn68(He3,2n+p)Ga68	-11421.49 keV

<< 30-Zn-66	30-Zn-68	34-Se-76 >>
<< MT32 (³ He,n+d)	MT41 (³He,2n+p) or MT5 (Ga68 production)	MT105 (³ He,t) >>



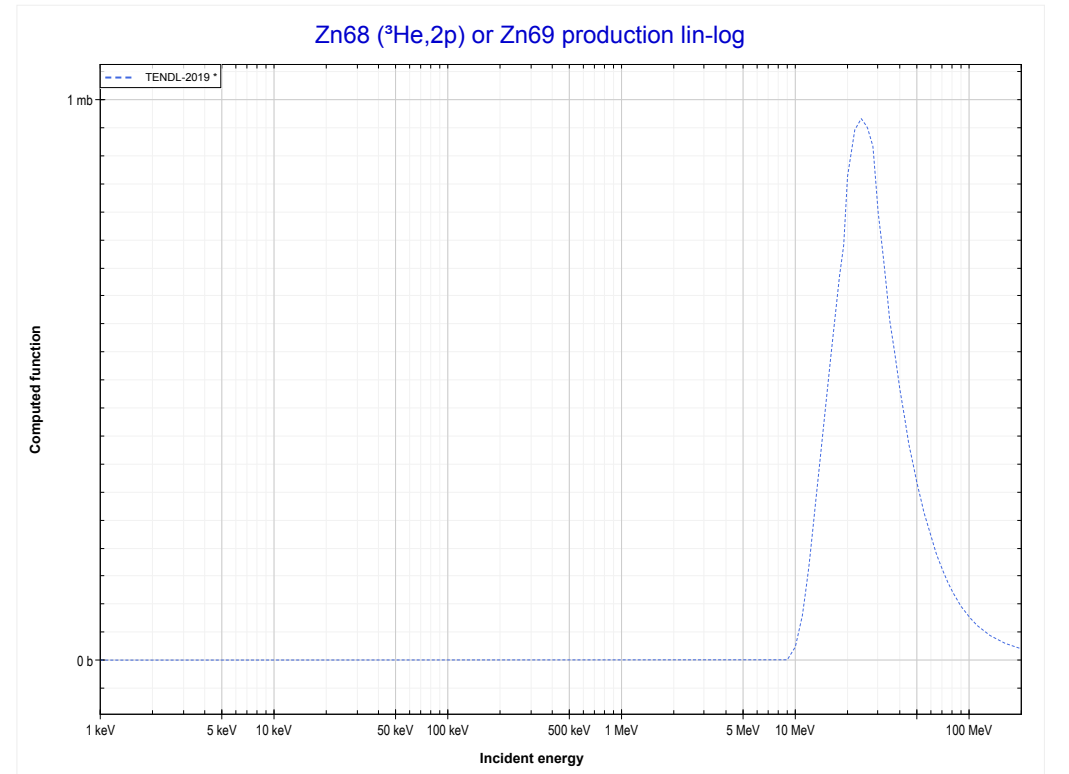
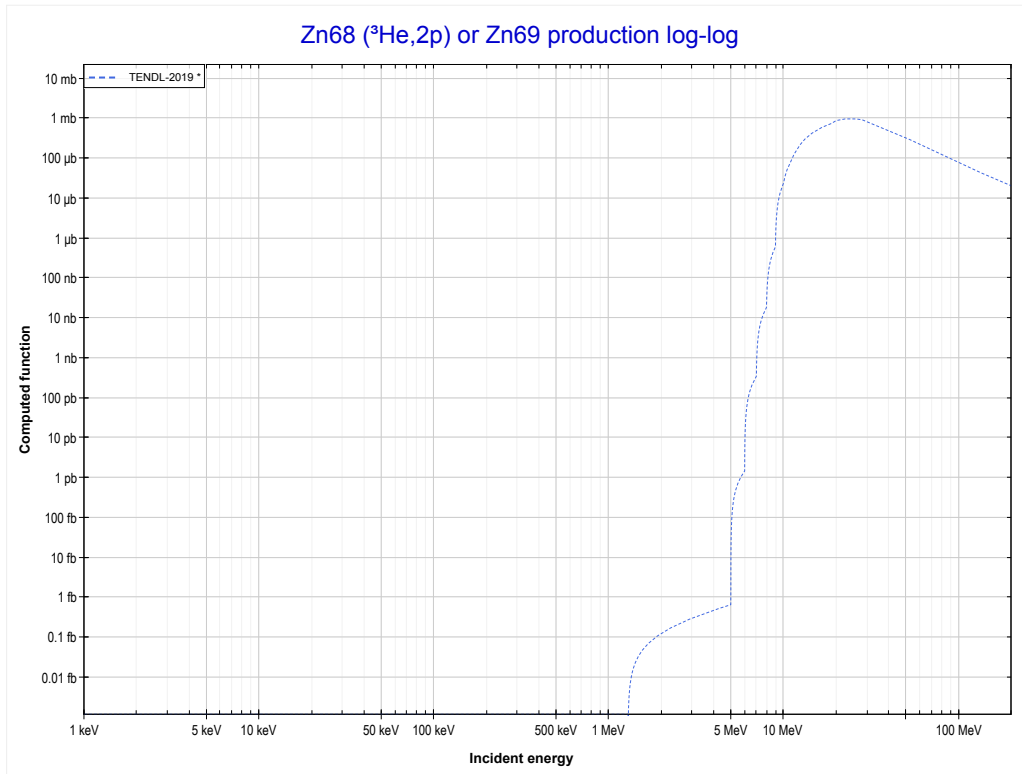
Reaction	Q-Value
Zn68(He3,t)Ga68	-2939.69 keV
Zn68(He3,n+d)Ga68	-9196.92 keV
Zn68(He3,2n+p)Ga68	-11421.49 keV

<< 30-Zn-66	30-Zn-68	44-Ru-102 >>
<< MT41 (³ He,2n+p)	MT105 (³He,t) or MT5 (Ga68 production)	MT111 (³ He,2p) >>



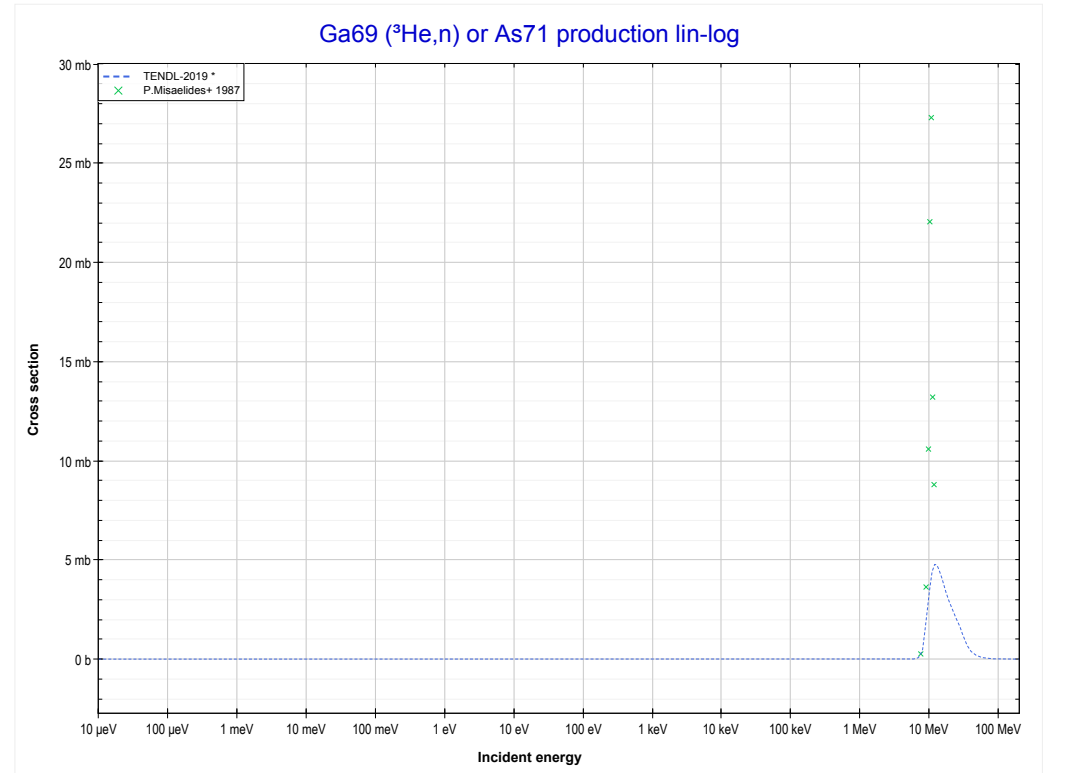
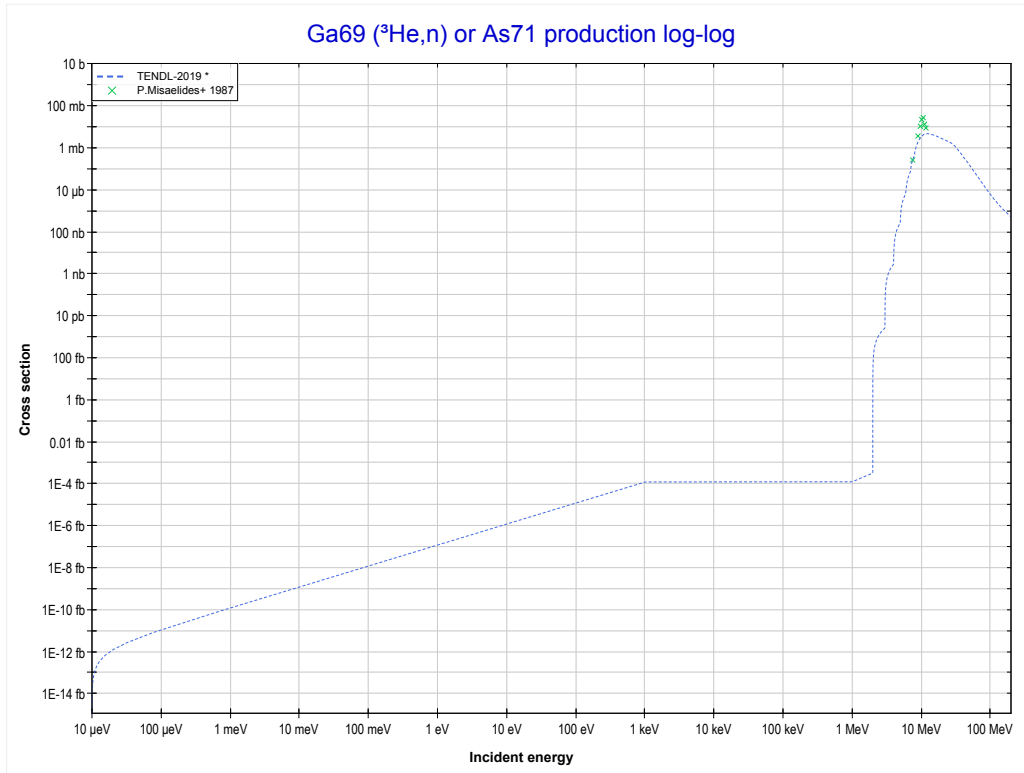
Reaction	Q-Value
Zn68(He3,t)Ga68	-2939.69 keV
Zn68(He3,n+d)Ga68	-9196.92 keV
Zn68(He3,2n+p)Ga68	-11421.49 keV

<< 30-Zn-64	30-Zn-68	31-Ga-71 >>
<< MT105 (³ He,t)	MT111 (³He,2p) or MT5 (Zn69 production)	31-Ga-69 MT4 (³ He,n) >>



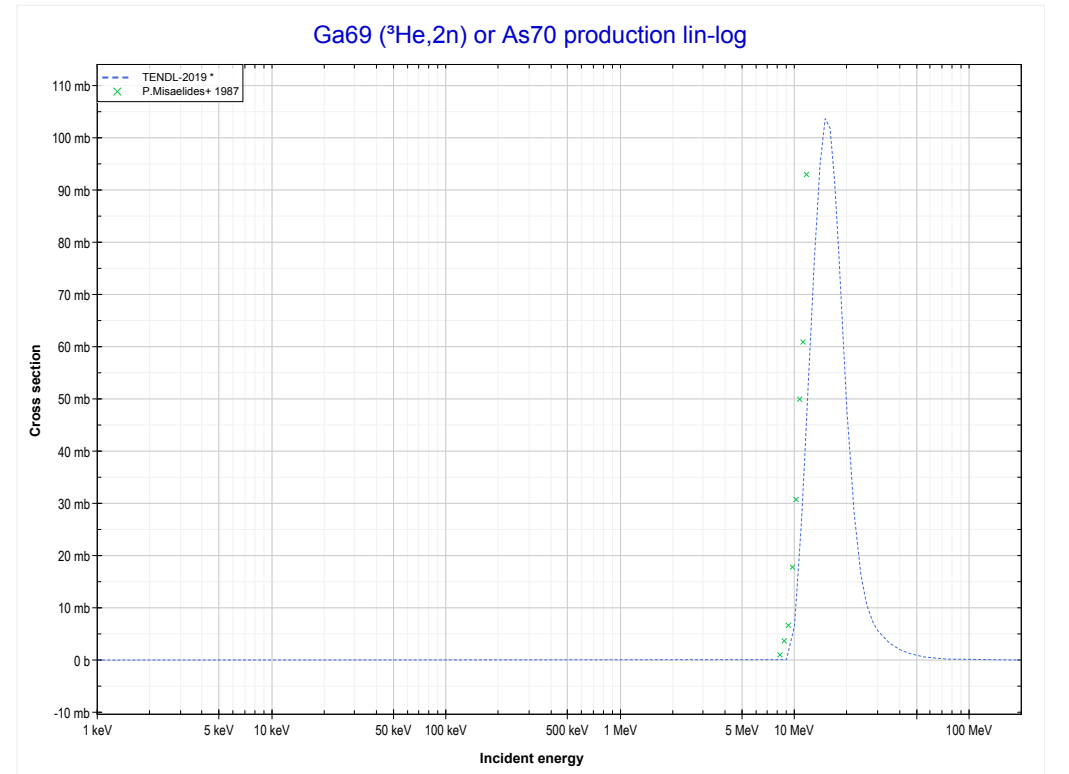
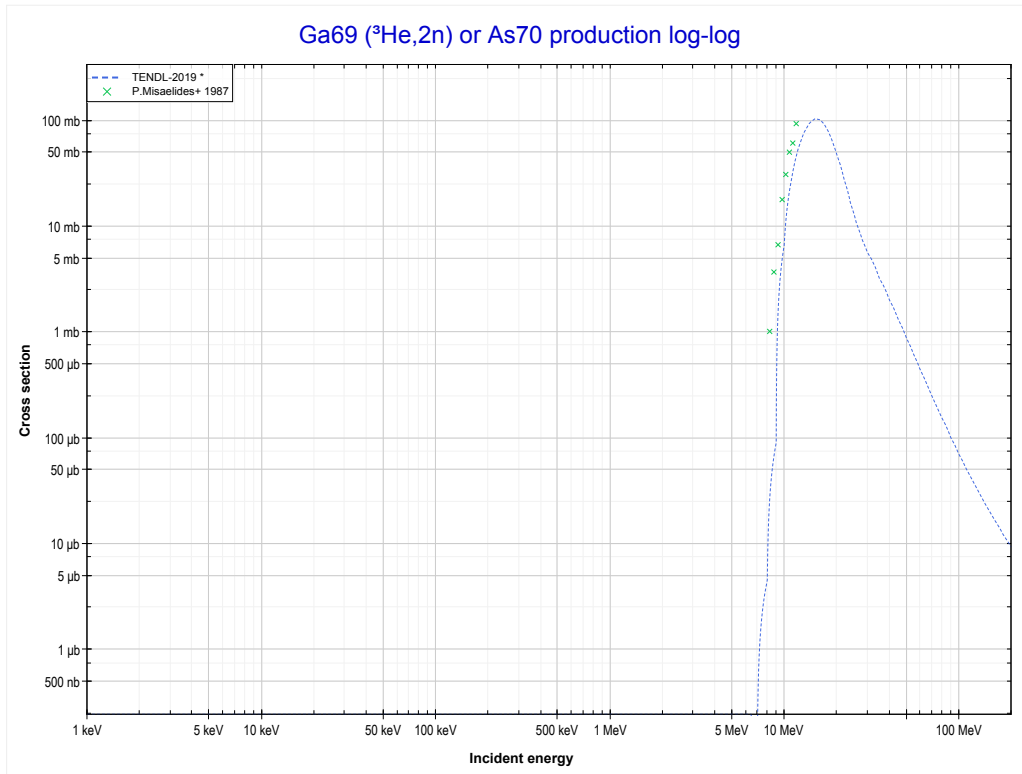
Reaction	Q-Value
Zn68(He3,2p)Zn69	-1236.02 keV

<< 30-Zn-64	31-Ga-69	33-As-75 >>
<< 30-Zn-68 MT111 (³ He,2p)	MT4 (³He,n) or MT5 (As71 production)	MT16 (³ He,2n) >>



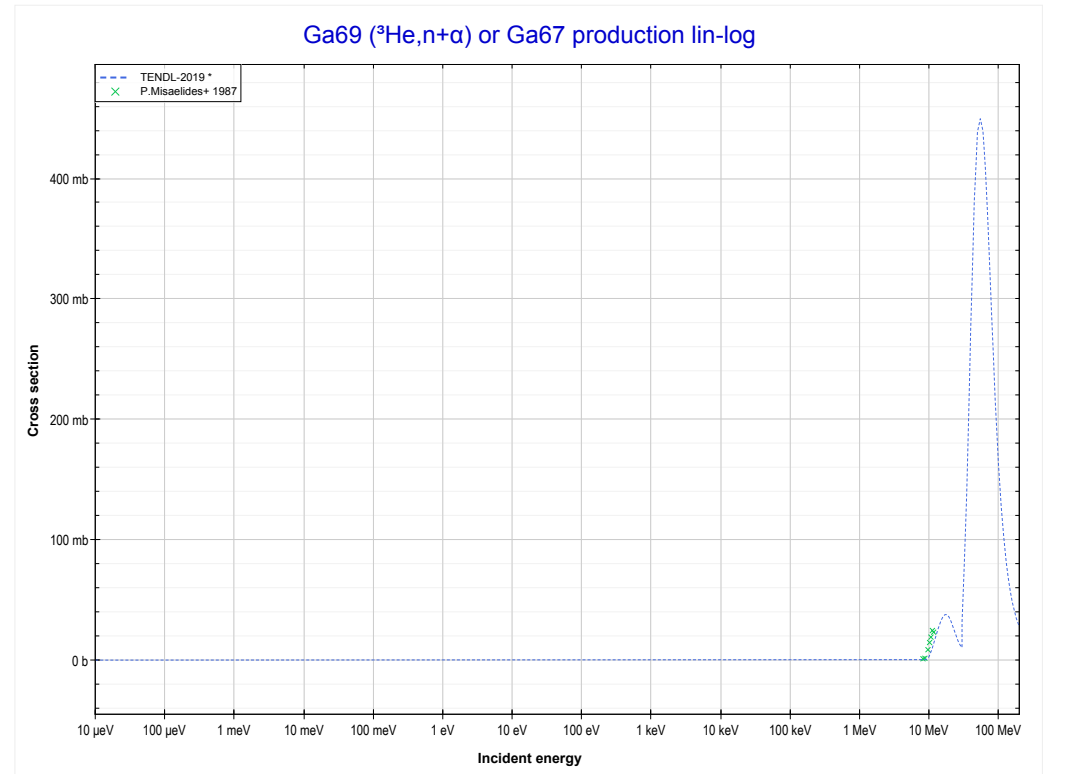
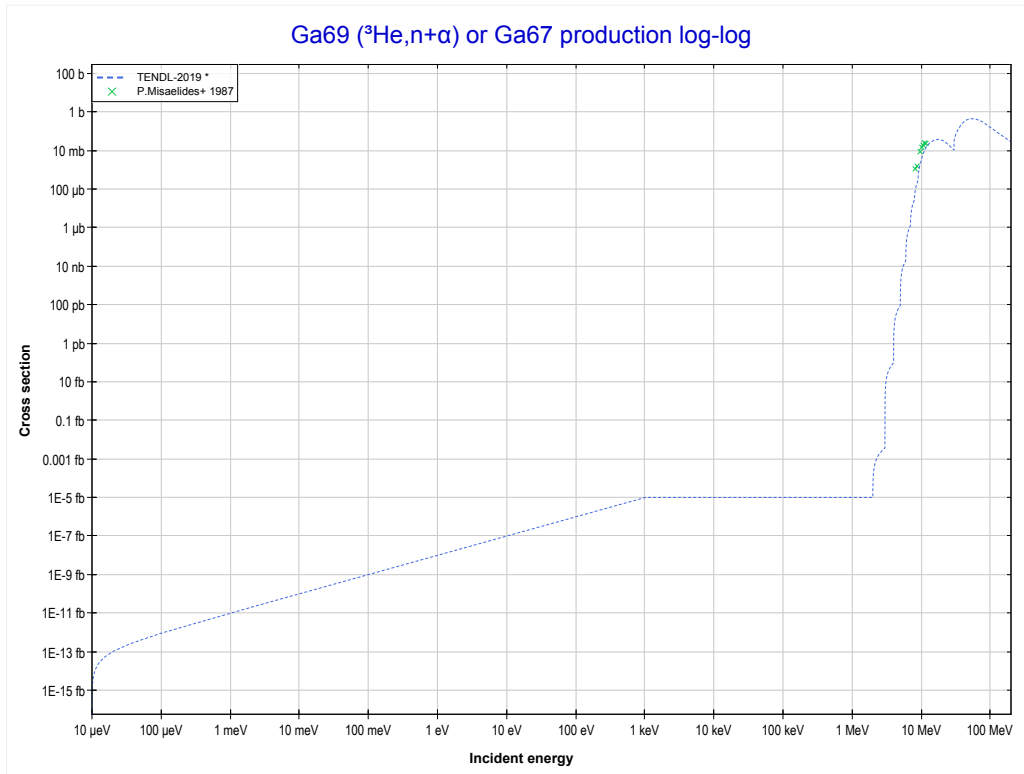
Reaction	Q-Value
Ga69(He3,n)As71	5425.10 keV

<< 30-Zn-68	31-Ga-69	31-Ga-71 >>
<< MT4 (³ He,n)	MT16 (³He,2n) or MT5 (As70 production)	MT22 (³ He,n+α) >>



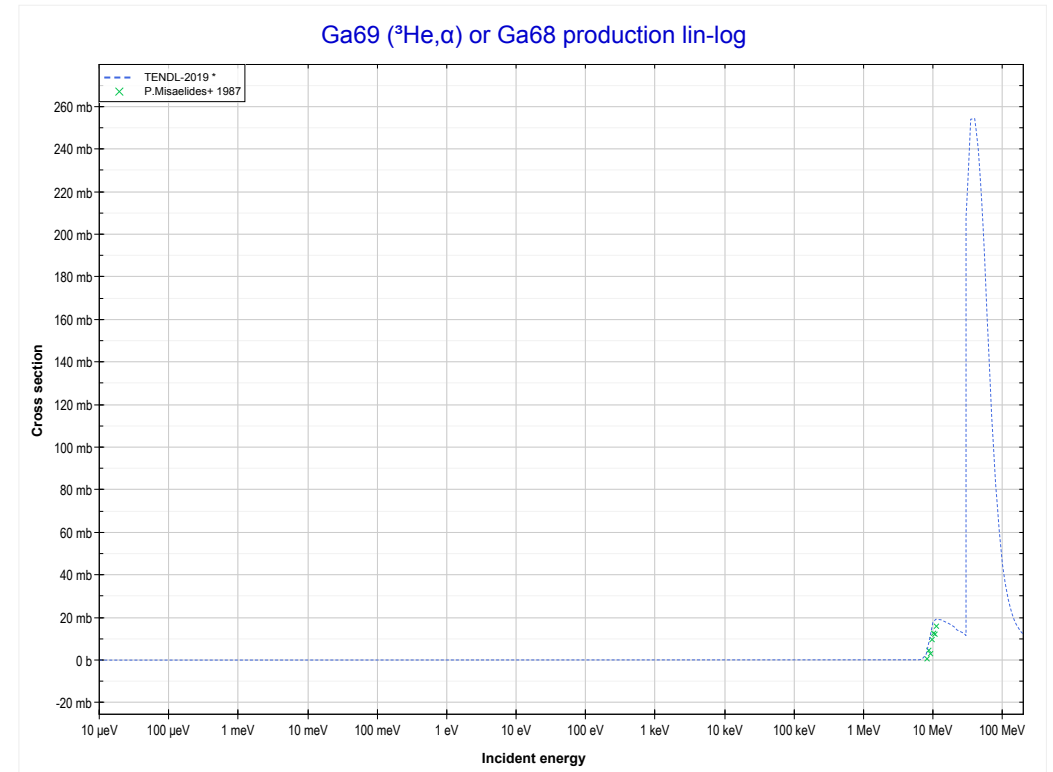
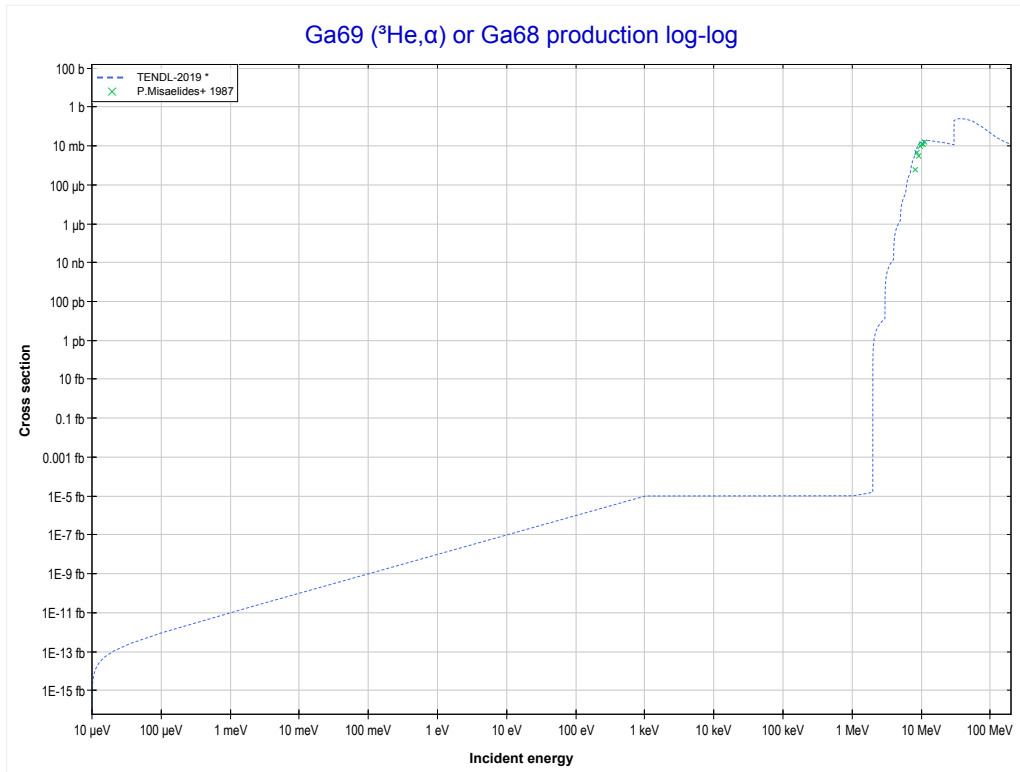
Reaction	Q-Value
Ga69(He3,2n)As70	-6199.22 keV

<< 30-Zn-64	31-Ga-69	34-Se-77 >>
<< MT16 ($^3\text{He},2n$)	MT22 ($^3\text{He},n+\alpha$) or MT5 (Ga67 production)	MT107 ($^3\text{He},\alpha$) >>



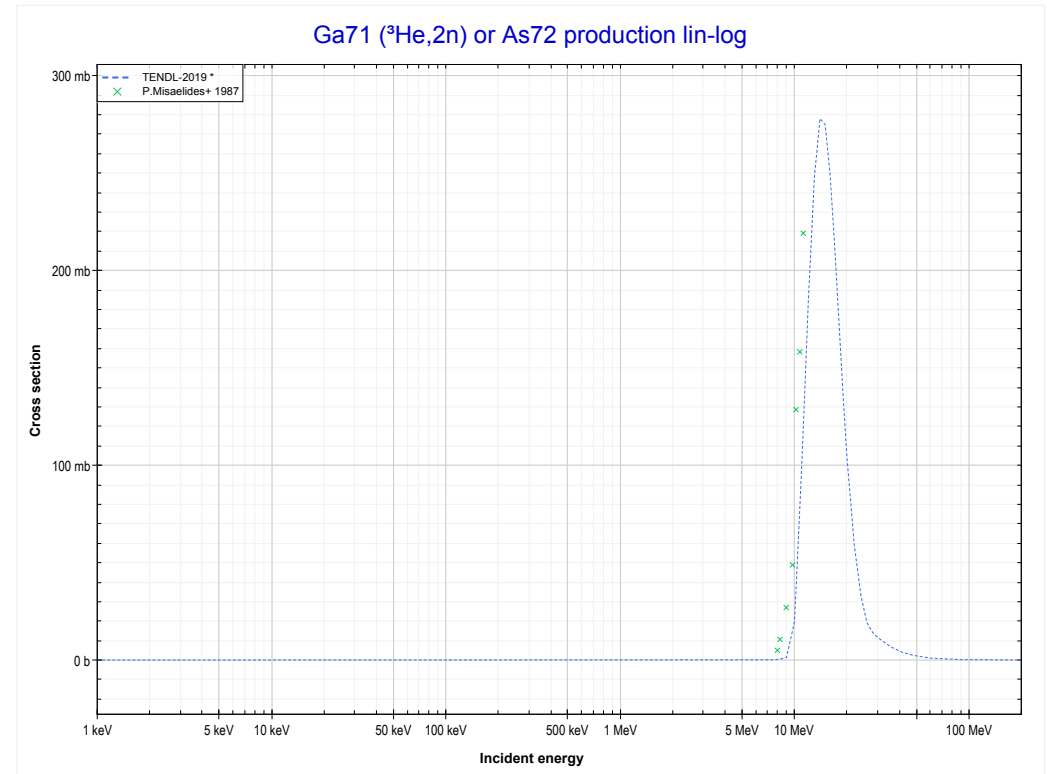
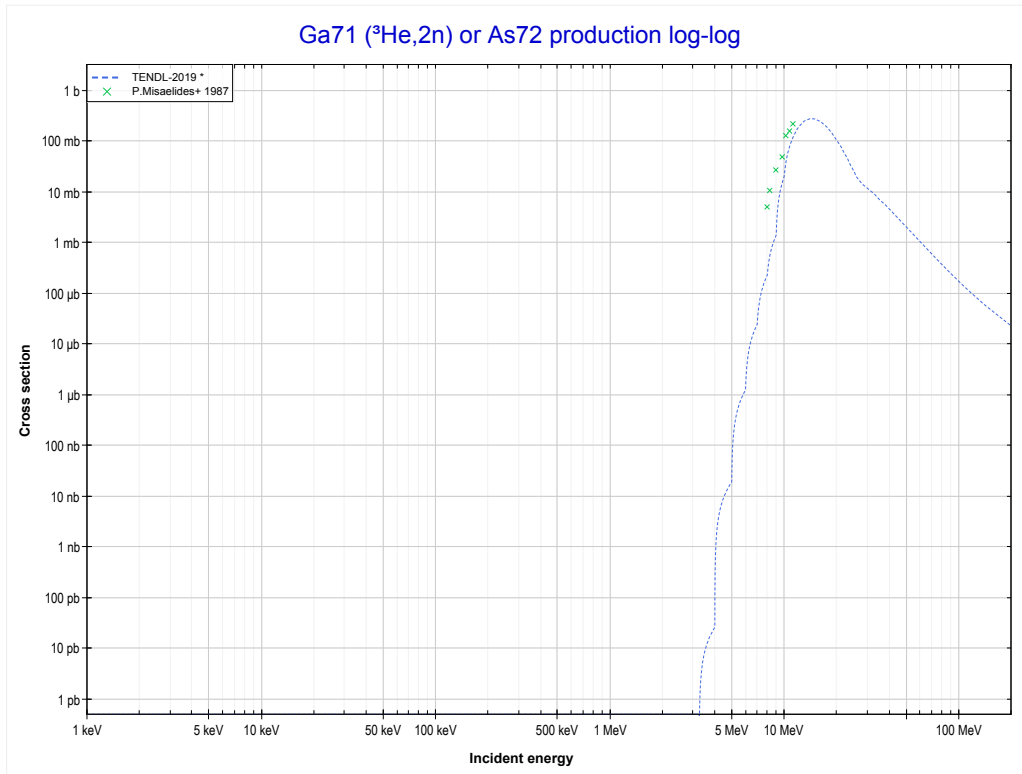
Reaction	Q-Value
Ga69(He3,n+α)Ga67	1986.19 keV
Ga69(He3,d+t)Ga67	-15603.11 keV
Ga69(He3,n+p+t)Ga67	-17827.68 keV
Ga69(He3,2n+He3)Ga67	-18591.43 keV
Ga69(He3,n+2d)Ga67	-21860.34 keV
Ga69(He3,2n+p+d)Ga67	-24084.91 keV
Ga69(He3,3n+2p)Ga67	-26309.47 keV

<< 30-Zn-64	31-Ga-69	34-Se-76 >>
<< MT22 (³ He,n+α)	MT107 (³He,α) or MT5 (Ga68 production)	31-Ga-71 MT16 (³ He,2n) >>



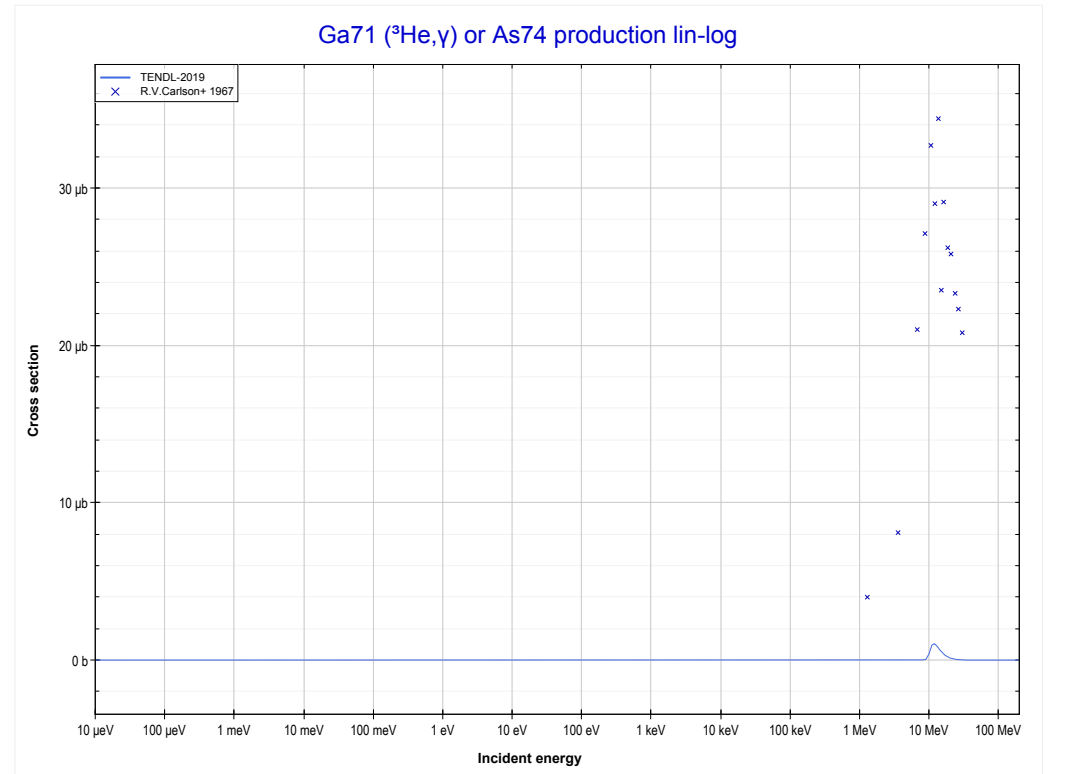
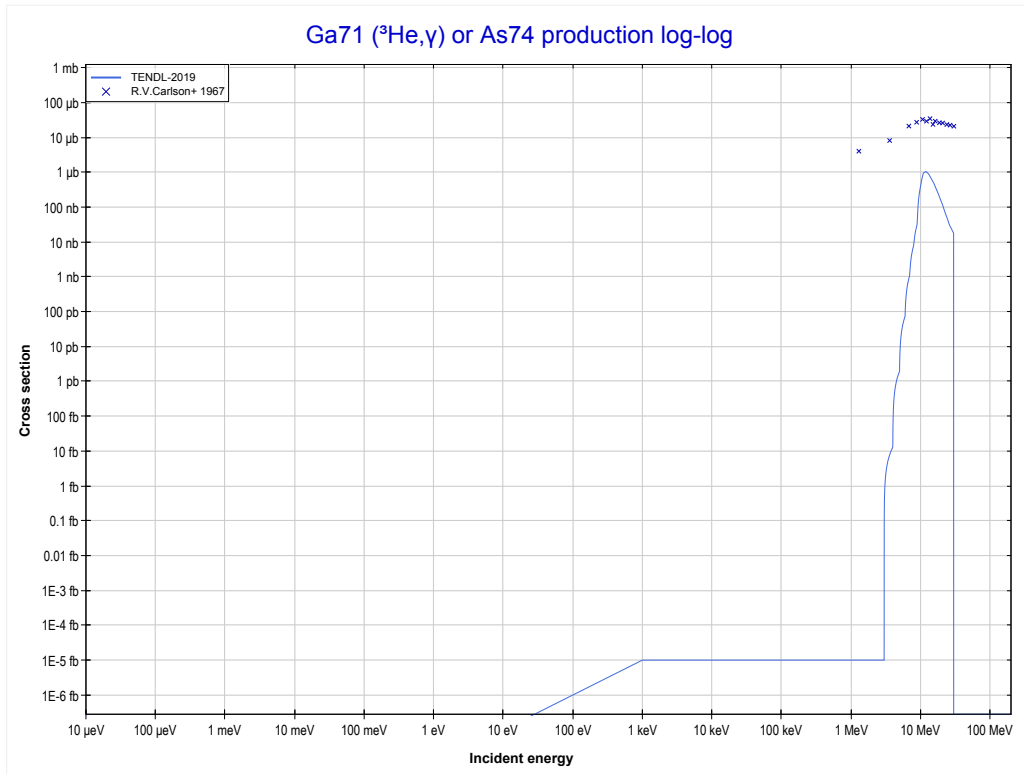
Reaction	Q-Value
Ga69(He3,α)Ga68	10264.50 keV
Ga69(He3,p+t)Ga68	-9549.36 keV
Ga69(He3,n+He3)Ga68	-10313.12 keV
Ga69(He3,2d)Ga68	-13582.03 keV
Ga69(He3,n+p+d)Ga68	-15806.59 keV
Ga69(He3,2n+2p)Ga68	-18031.16 keV

<< 31-Ga-69	31-Ga-71	33-As-75 >>
<< 31-Ga-69 MT107 ($^3\text{He},\alpha$)	MT16 ($^3\text{He},2n$) or MT5 (As72 production)	MT102 ($^3\text{He},\gamma$) >>



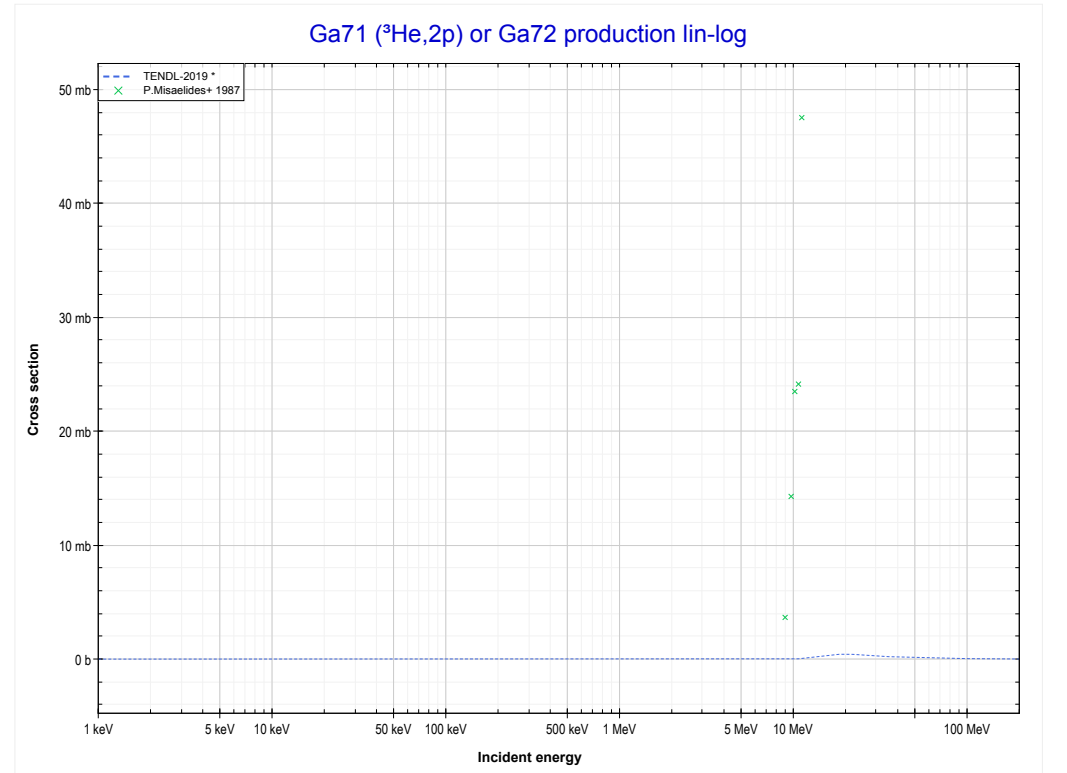
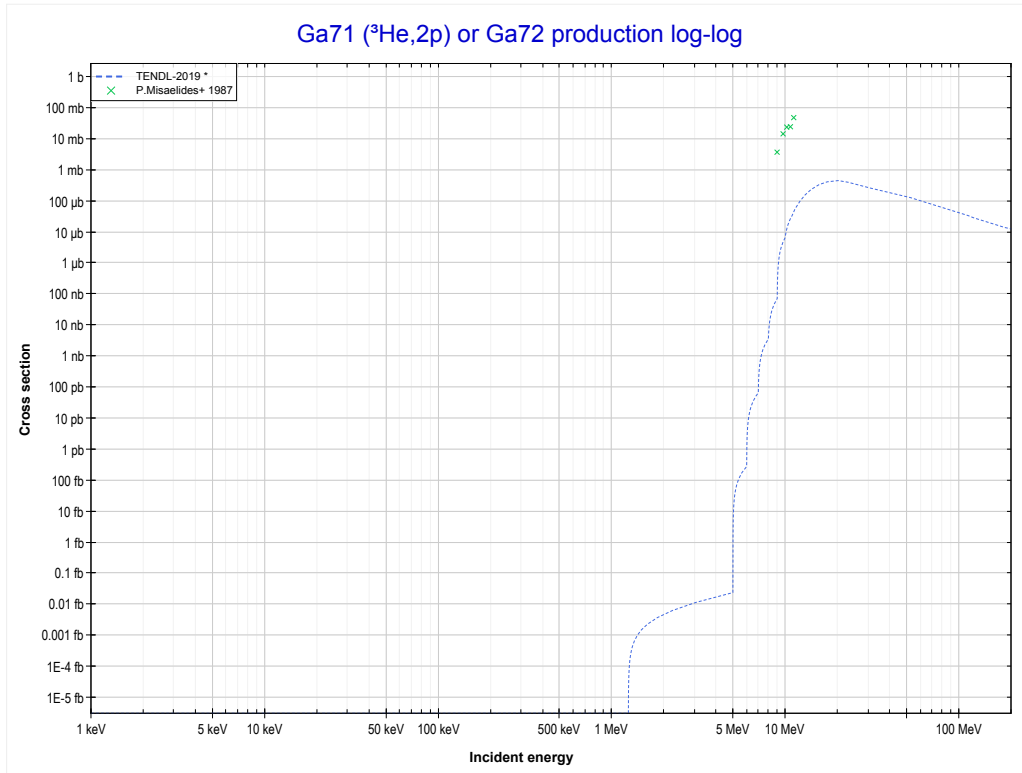
Reaction	Q-Value
Ga71(He3,2n)As72	-3120.52 keV

<< 21-Sc-45	31-Ga-71	41-Nb-93 >>
<< MT16 (³ He,2n)	MT102 (³He,γ) or MT5 (As74 production)	MT111 (³ He,2p) >>



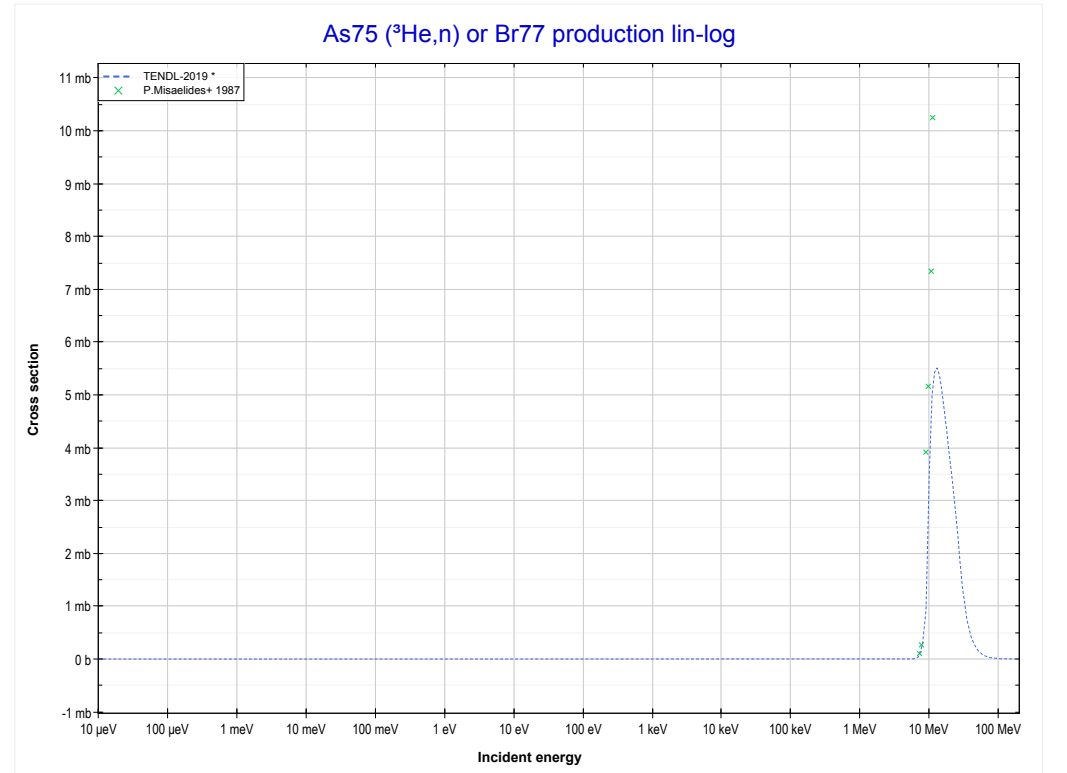
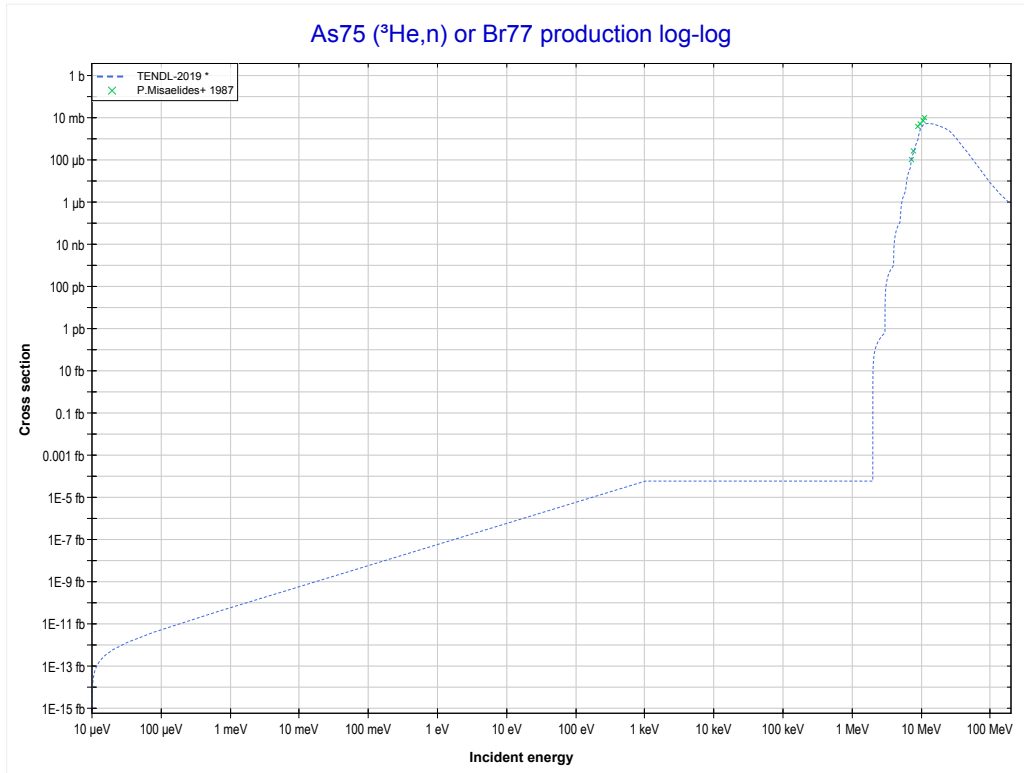
Reaction	Q-Value
Ga71(He3,γ)As74	15652.22 keV

<< 30-Zn-68	31-Ga-71	44-Ru-102 >>
<< MT102 ($^3\text{He},\gamma$)	MT111 ($^3\text{He},2p$) or MT5 (Ga72 production)	33-As-75 MT4 ($^3\text{He},n$) >>



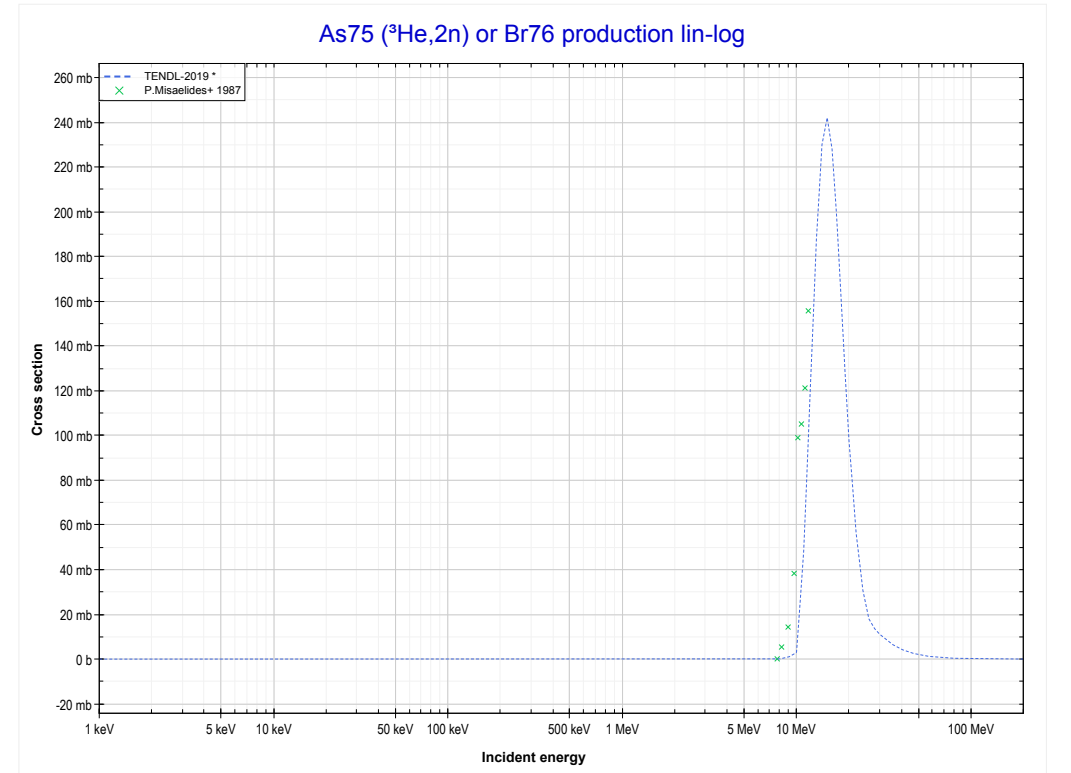
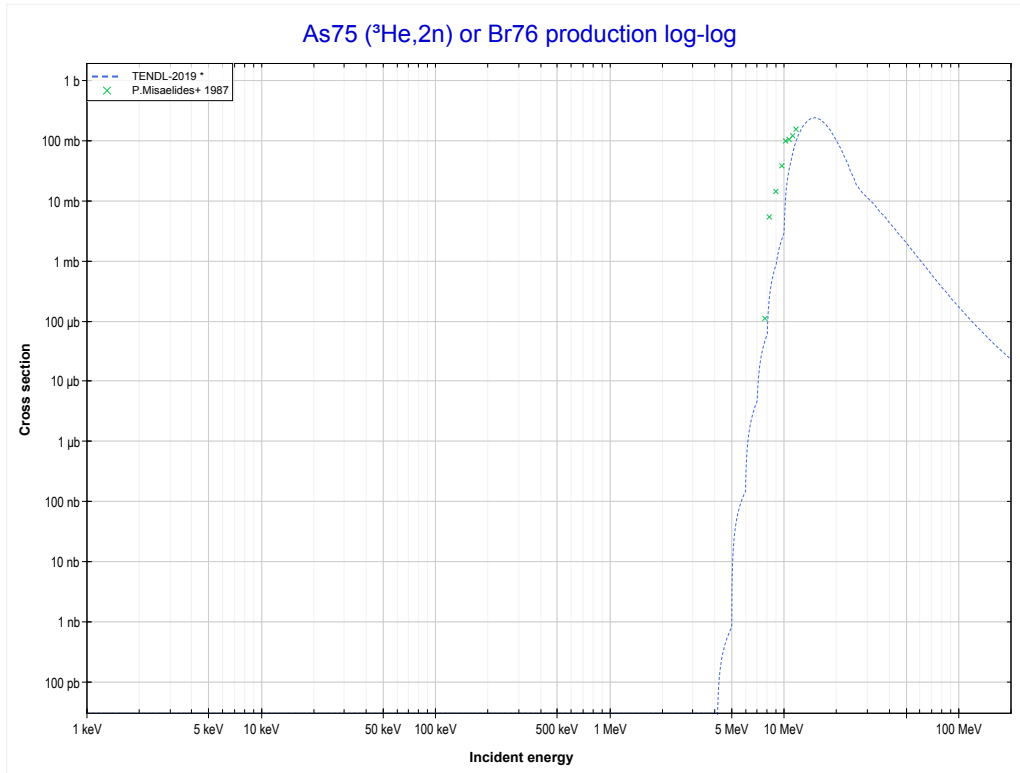
Reaction	Q-Value
Ga71($\text{He}3,2p$)Ga72	-1197.52 keV

<< 31-Ga-69	33-As-75	34-Se-77 >>
<< 31-Ga-71 MT111 (³ He,2p)	MT4 (³He,n) or MT5 (Br77 production)	MT16 (³ He,2n) >>



Reaction	Q-Value
As75(He3,n)Br77	7060.50 keV

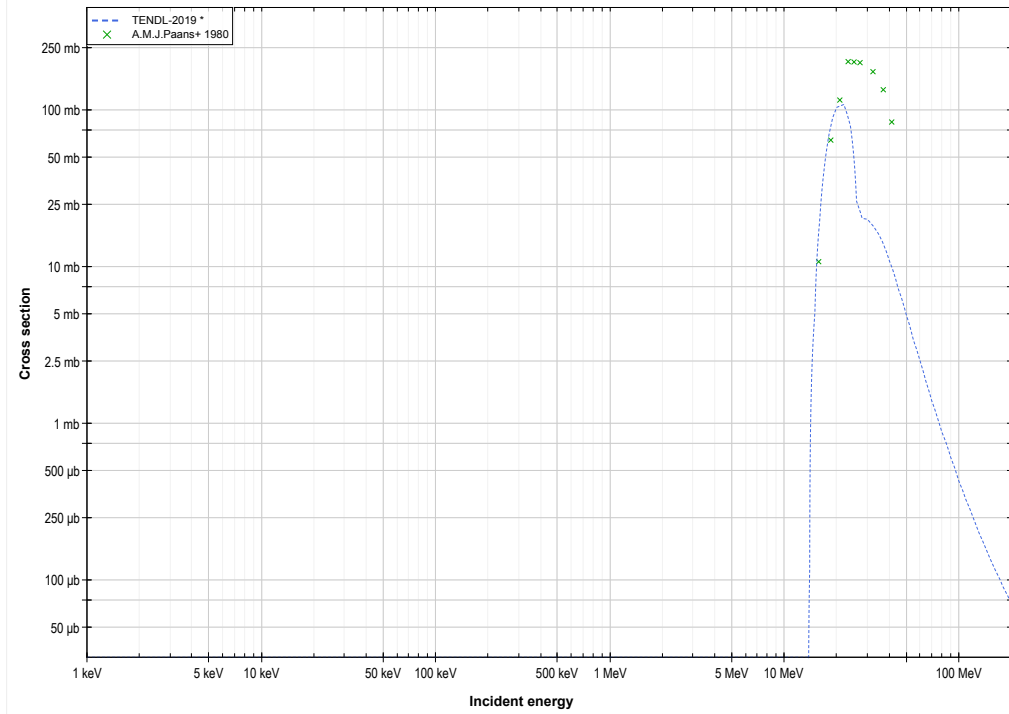
<< 31-Ga-71	33-As-75	34-Se-76 >>
<< MT4 (³ He,n)	MT16 (³He,2n) or MT5 (Br76 production)	MT17 (³ He,3n) >>



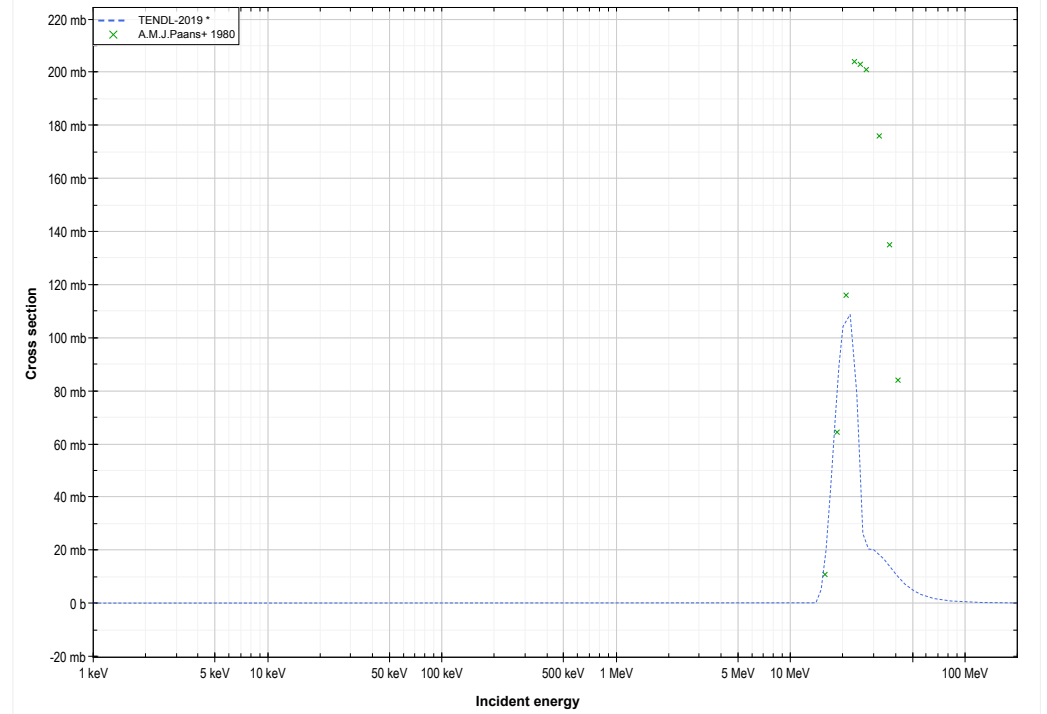
Reaction	Q-Value
As75(He3,2n)Br76	-3956.62 keV

<< 30-Zn-68	33-As-75	34-Se-76 >>
<< MT16 ($^3\text{He},2n$)	MT17 ($^3\text{He},3n$) or MT5 (Br75 production)	MT37 ($^3\text{He},4n$) >>

As75 ($^3\text{He},3n$) or Br75 production log-log

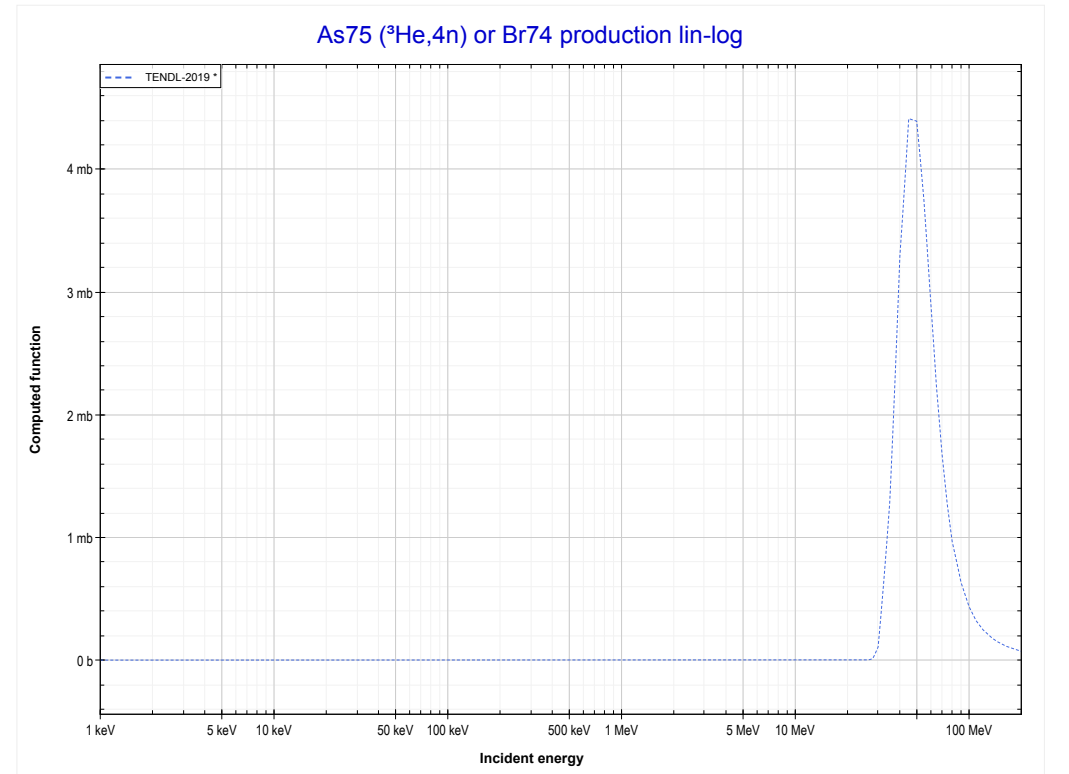
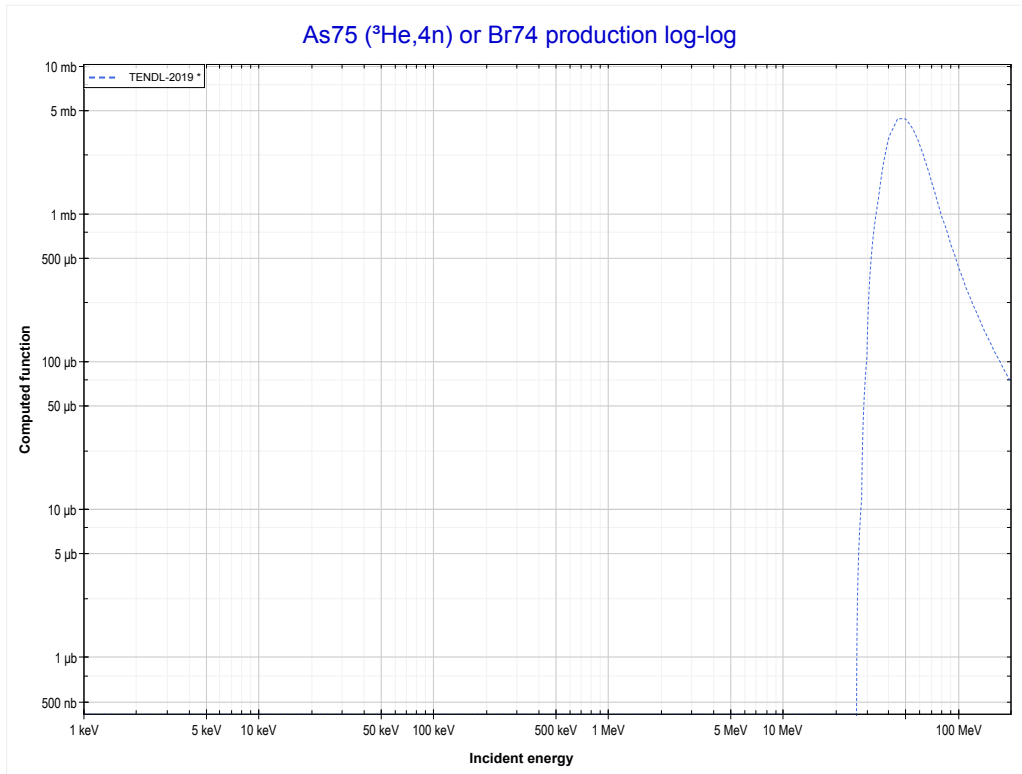


As75 ($^3\text{He},3n$) or Br75 production lin-log



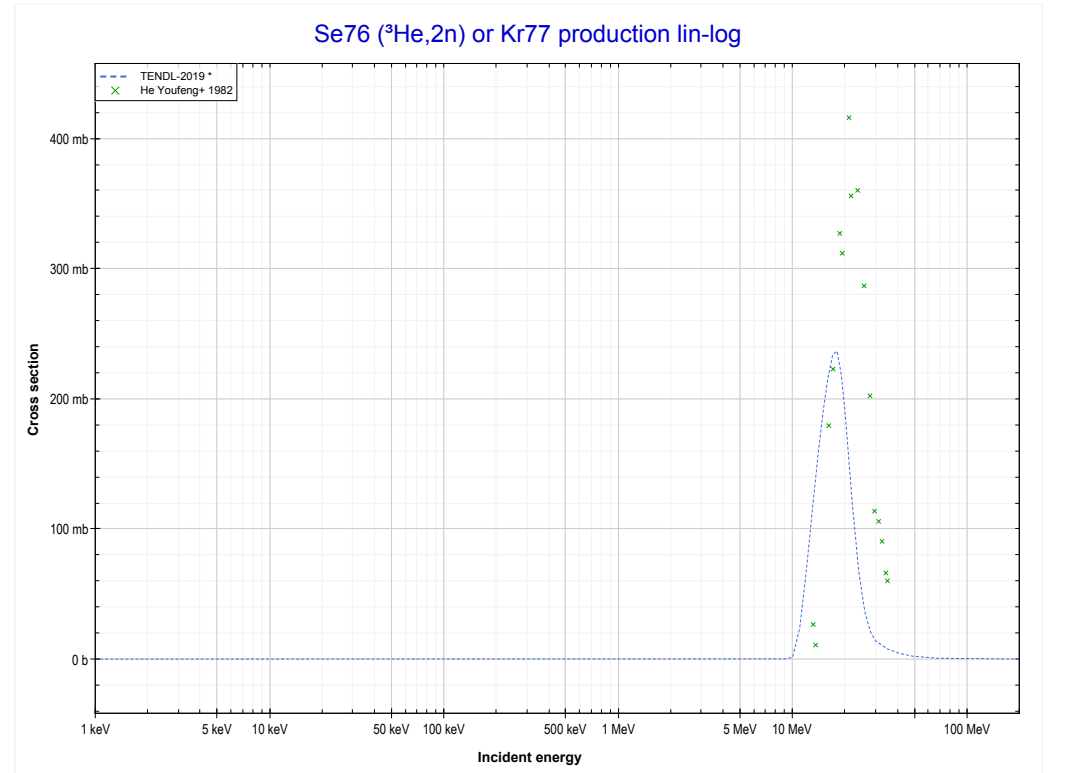
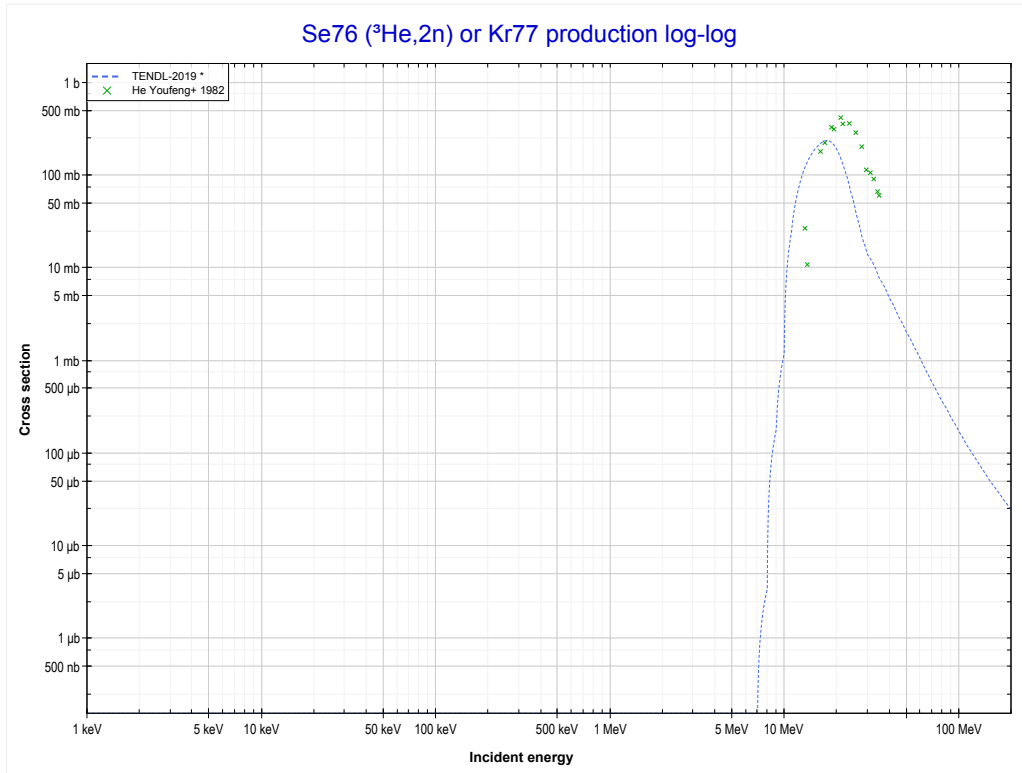
Reaction	Q-Value
As75(He3,3n)Br75	-13209.93 keV

<< 29-Cu-65	33-As-75	34-Se-77 >>
<< MT17 ($^3\text{He},3n$)	MT37 ($^3\text{He},4n$) or MT5 (Br74 production)	34-Se-76 MT16 ($^3\text{He},2n$) >>



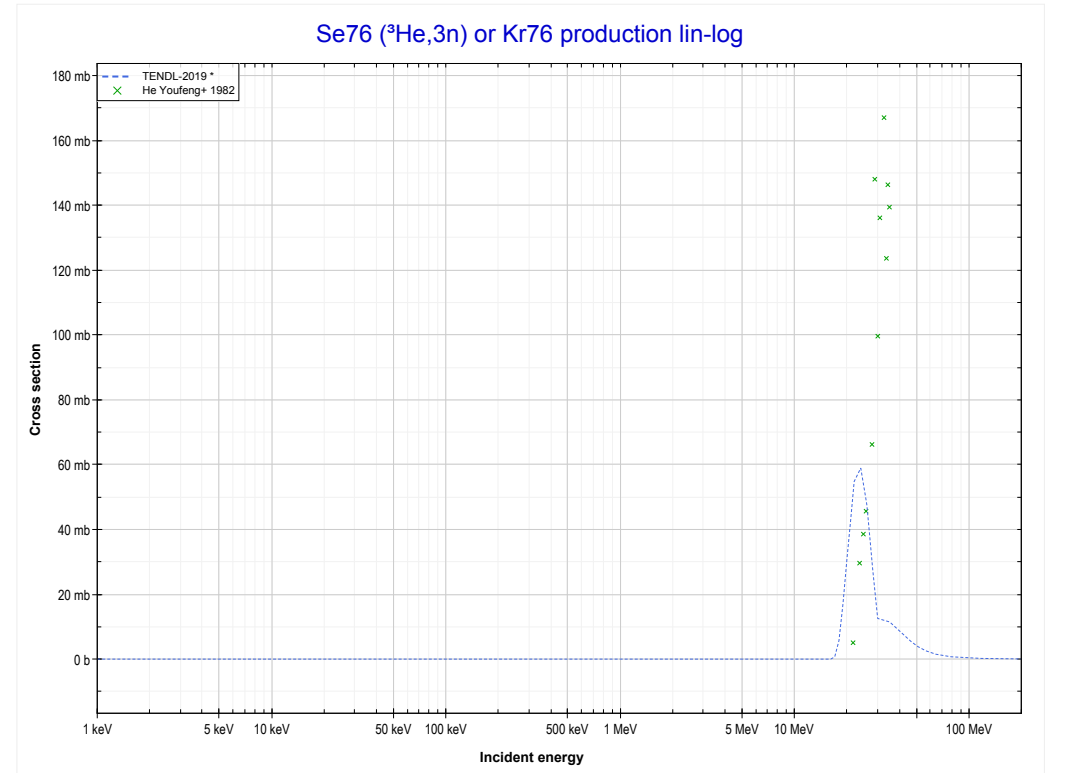
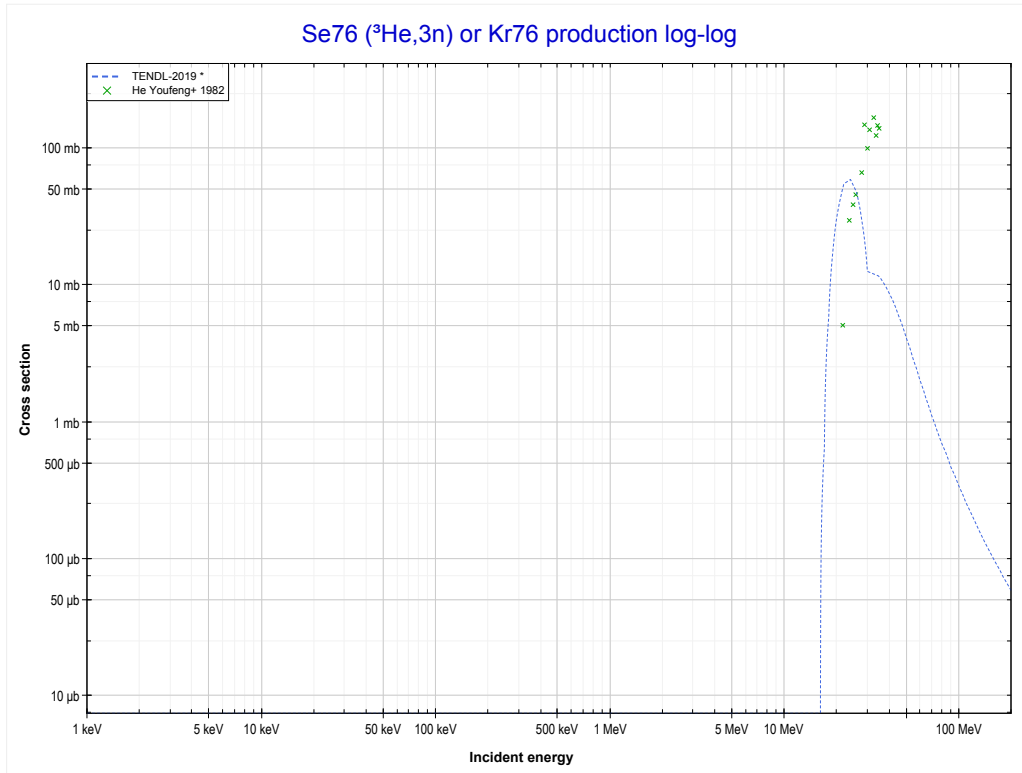
Reaction	Q-Value
As75(He3,4n)Br74	-25100.25 keV

<< 33-As-75	34-Se-76	35-Br-81 >>
<< 33-As-75 MT37 (³ He,4n)	MT16 (³He,2n) or MT5 (Kr77 production)	MT17 (³ He,3n) >>



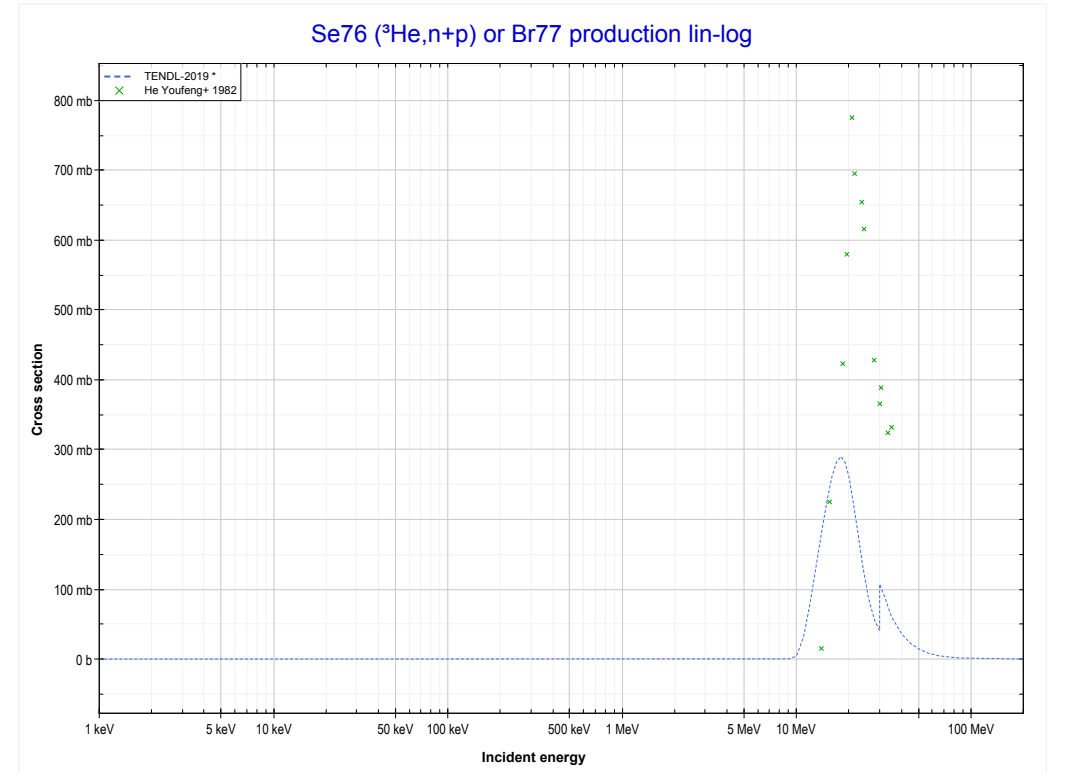
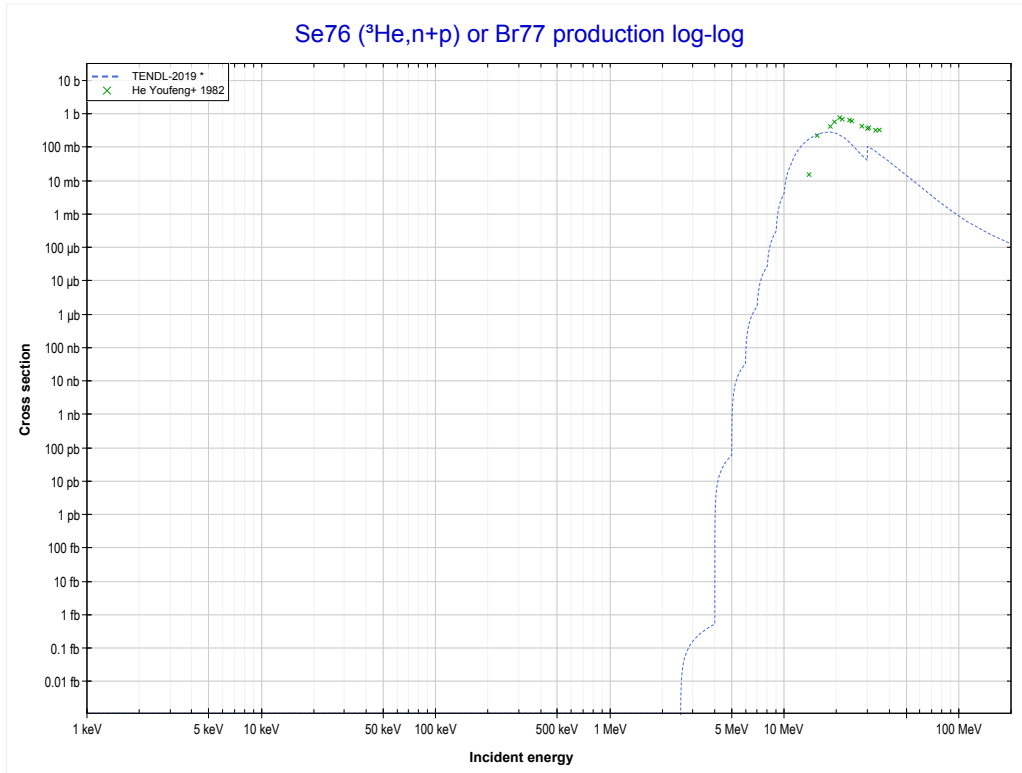
Reaction	Q-Value
Se76(He3,2n)Kr77	-6293.97 keV

<< 33-As-75	34-Se-76	34-Se-77 >>
<< MT16 ($^3\text{He},2n$)	MT17 ($^3\text{He},3n$) or MT5 (Kr76 production)	MT28 ($^3\text{He},n+p$) >>



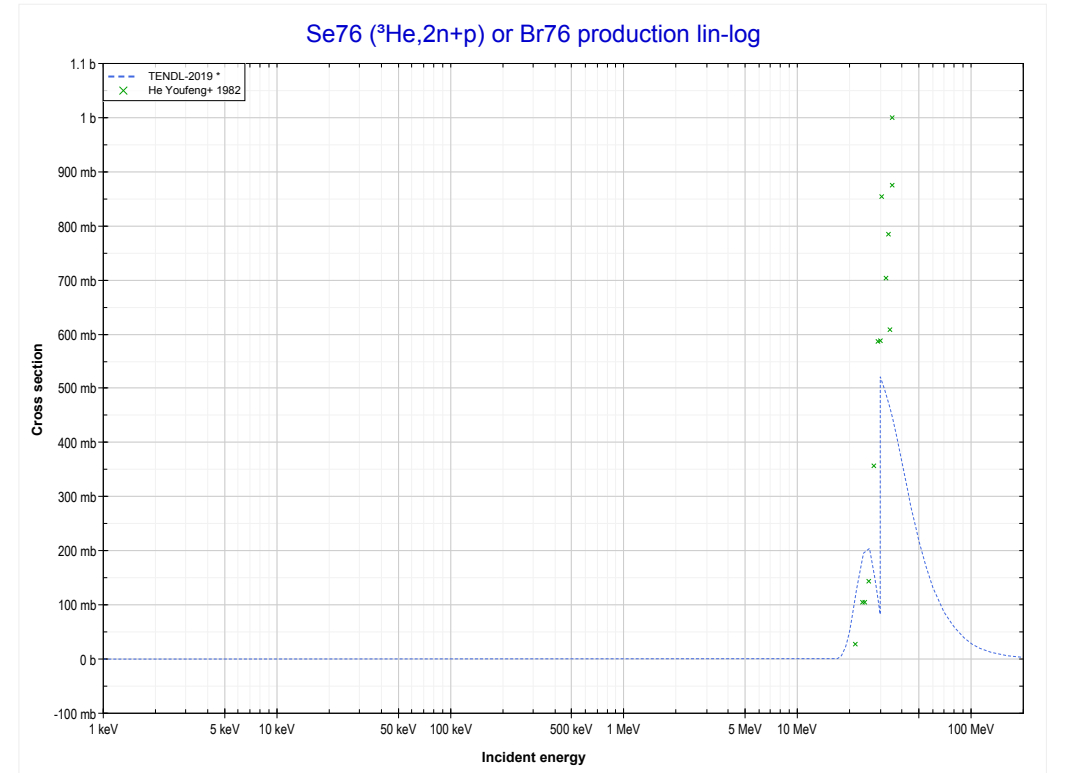
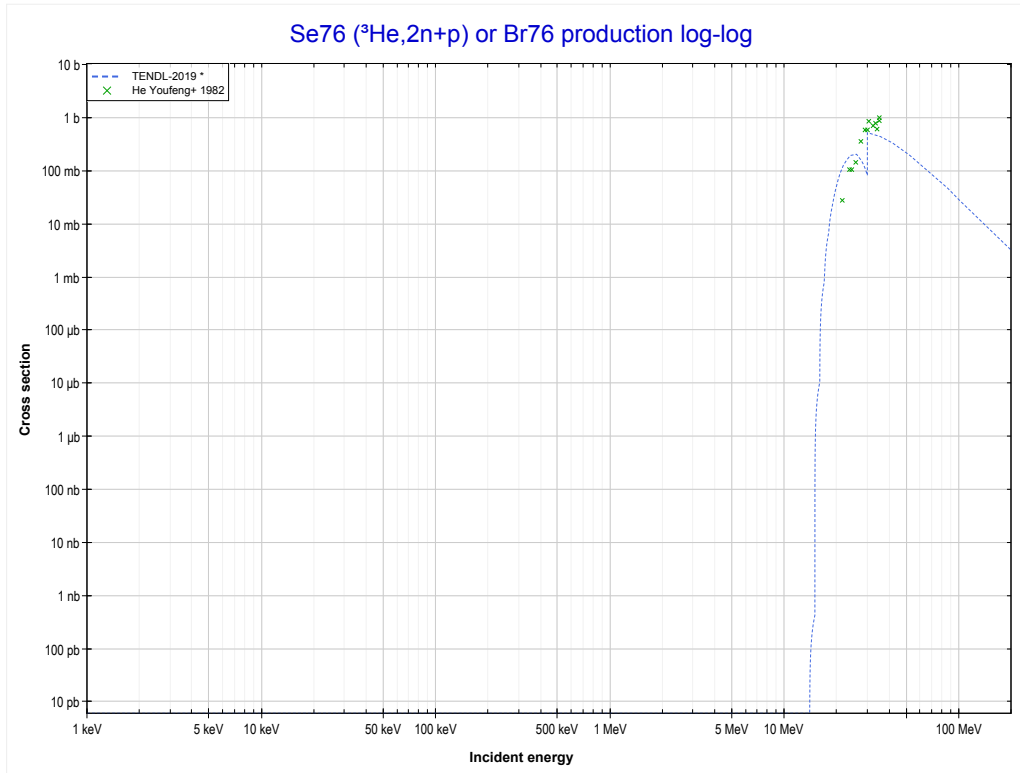
Reaction	Q-Value
Se76(He3,3n)Kr76	-15520.68 keV

<< 30-Zn-66	34-Se-76	34-Se-77 >>
<< MT17 (³ He,3n)	MT28 (³He,n+p) or MT5 (Br77 production)	MT41 (³ He,2n+p) >>



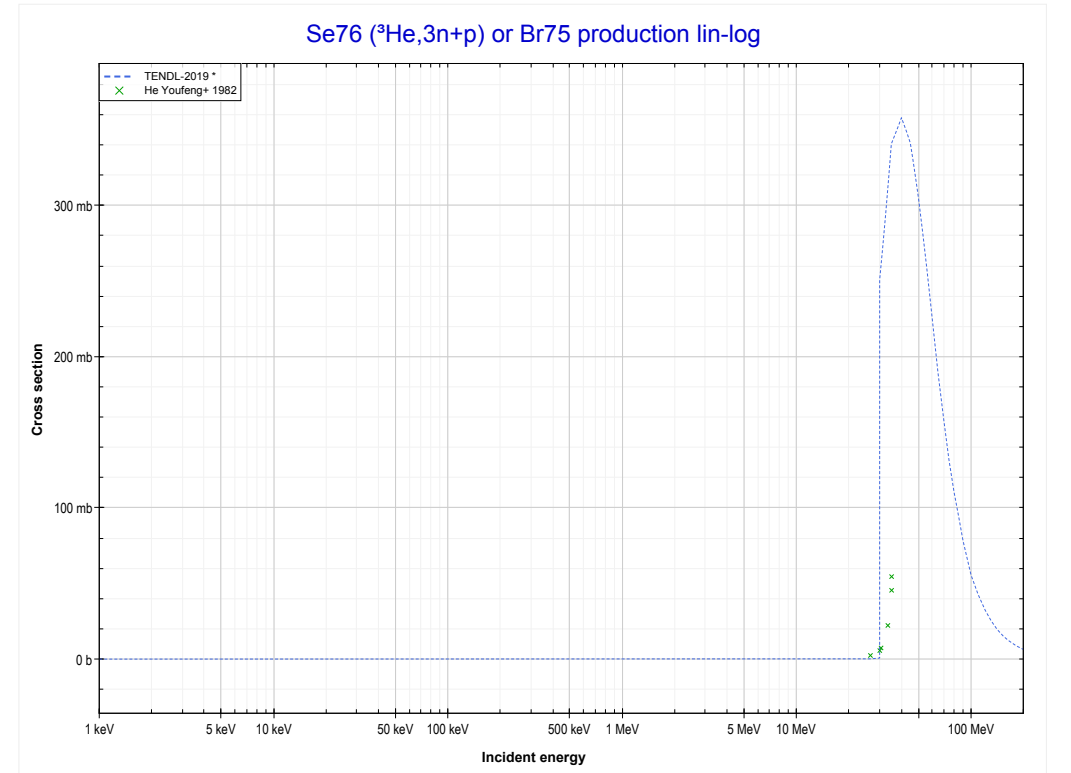
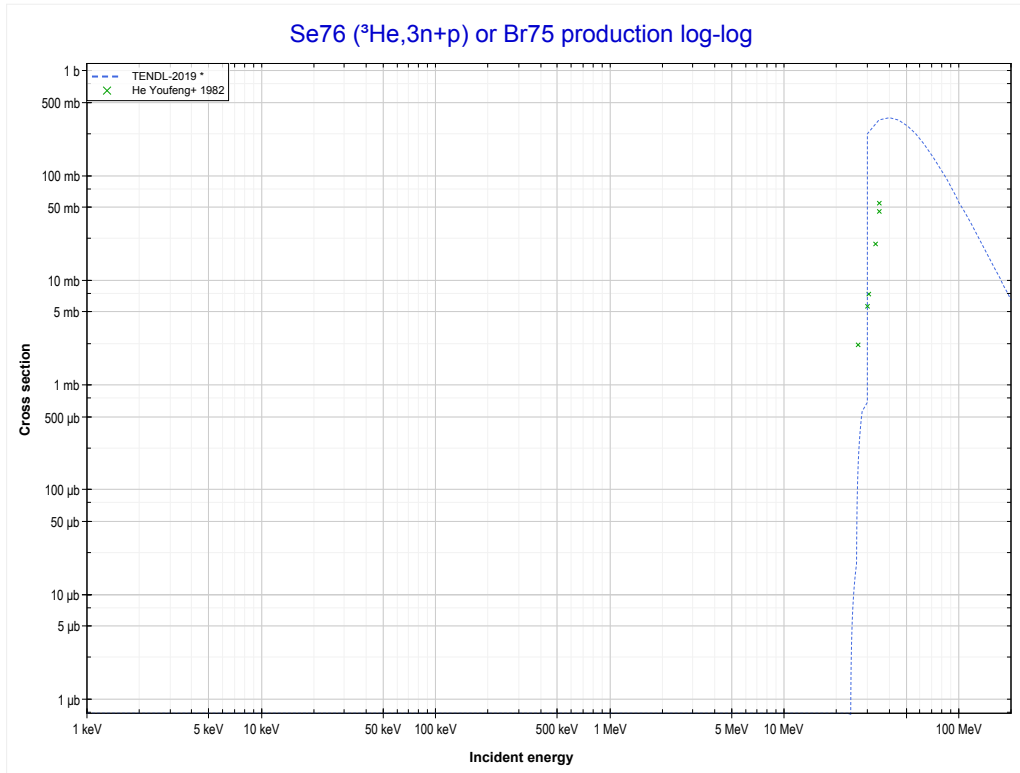
Reaction	Q-Value
Se76(He3,d)Br77	-221.65 keV
Se76(He3,n+p)Br77	-2446.22 keV

<< 30-Zn-68	34-Se-76	34-Se-77 >>
<< MT28 (³ He,n+p)	MT41 (³He,2n+p) or MT5 (Br76 production)	MT42 (³ He,3n+p) >>



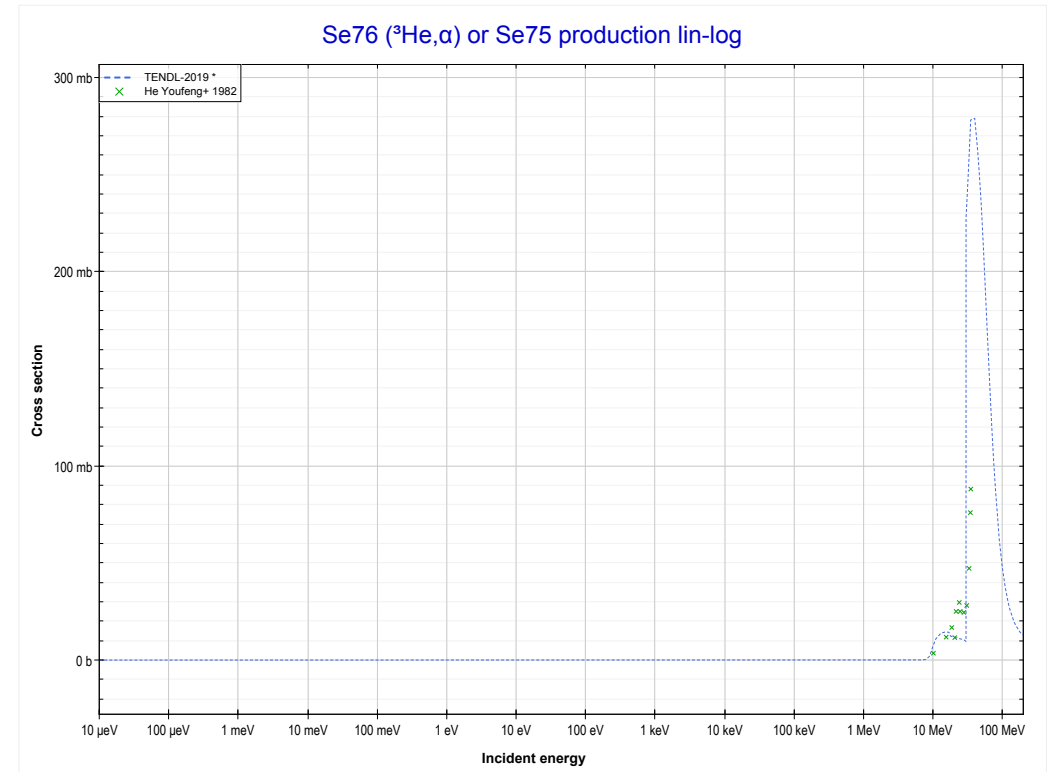
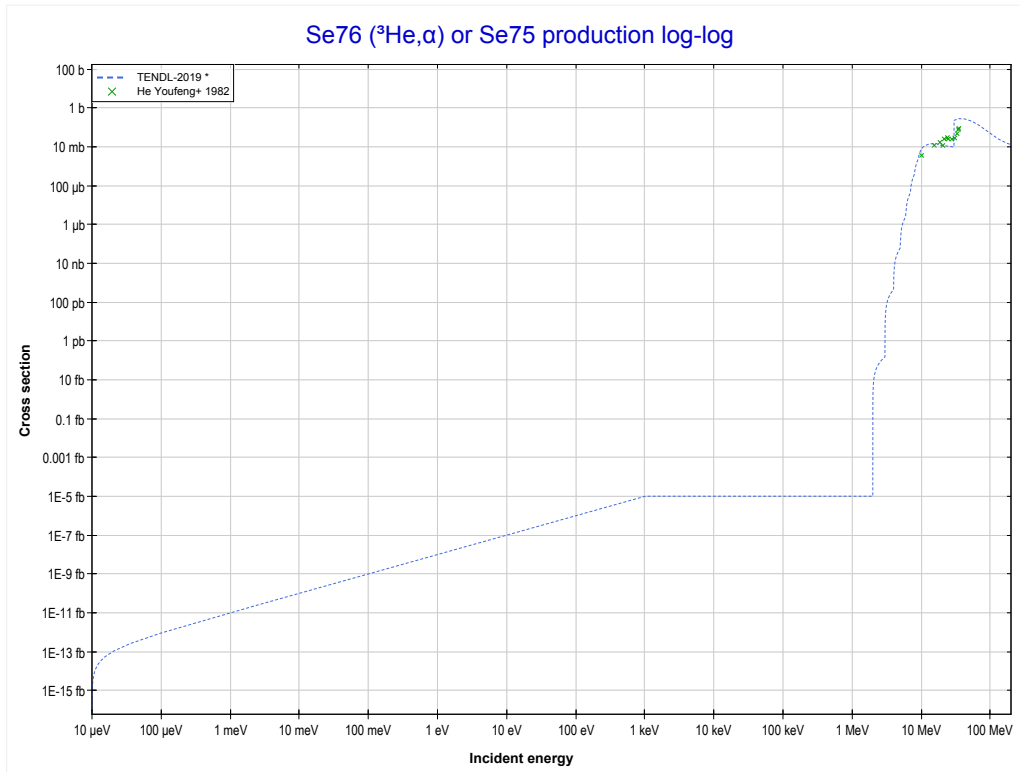
Reaction	Q-Value
Se76(He3,t)Br76	-4981.54 keV
Se76(He3,n+d)Br76	-11238.77 keV
Se76(He3,2n+p)Br76	-13463.34 keV

<< 29-Cu-63	34-Se-76	34-Se-77 >>
<< MT41 ($^3\text{He},2n+p$)	MT42 ($^3\text{He},3n+p$) or MT5 (Br75 production)	MT107 ($^3\text{He},\alpha$) >>



Reaction	Q-Value
Se76(He3,n+t)Br75	-14234.86 keV
Se76(He3,2n+d)Br75	-20492.09 keV
Se76(He3,3n+p)Br75	-22716.65 keV

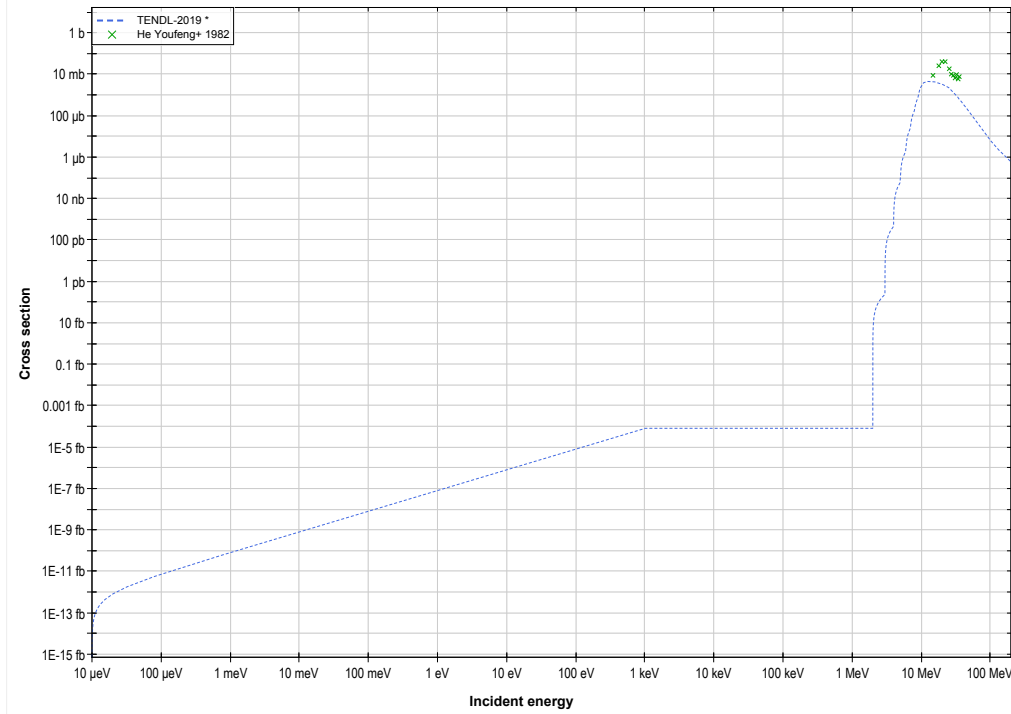
<< 31-Ga-69	34-Se-76	45-Rh-103 >>
<< MT42 (³ He,3n+p)	MT107 (³He,α) or MT5 (Se75 production)	34-Se-77 MT4 (³ He,n) >>



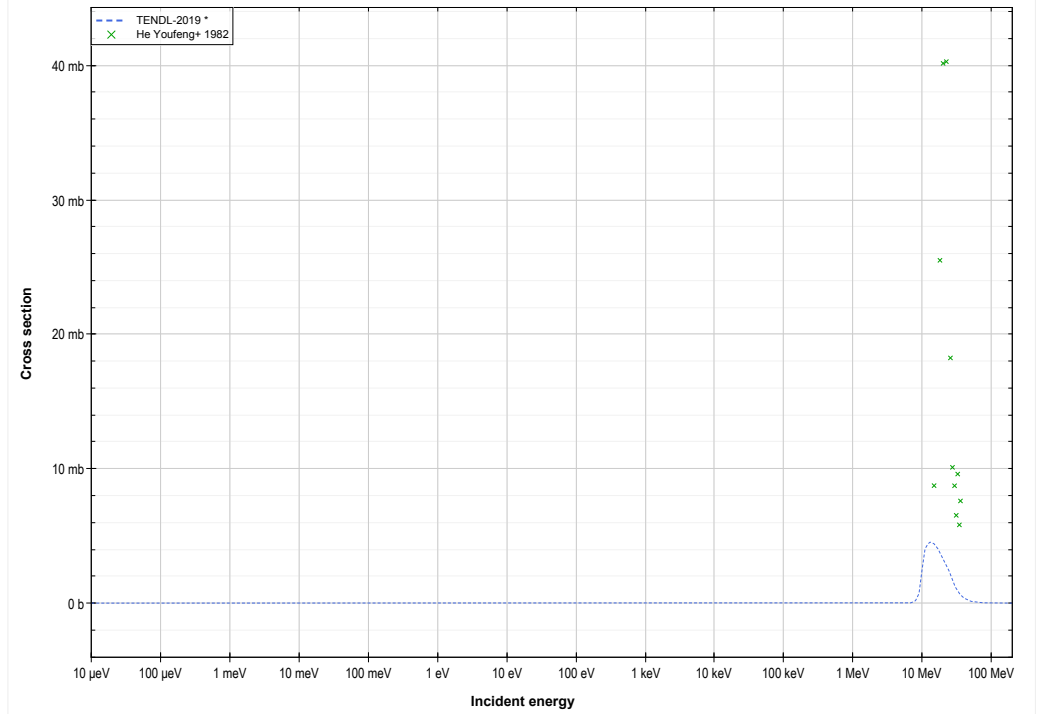
Reaction	Q-Value
Se76(He3,α)Se75	9423.83 keV
Se76(He3,p+t)Se75	-10390.03 keV
Se76(He3,n+He3)Se75	-11153.79 keV
Se76(He3,2d)Se75	-14422.70 keV
Se76(He3,n+p+d)Se75	-16647.26 keV
Se76(He3,2n+2p)Se75	-18871.83 keV

<< 33-As-75	34-Se-77	41-Nb-93 >>
<< 34-Se-76 MT107 ($^3\text{He},\alpha$)	MT4 ($^3\text{He},n$) or MT5 (Kr79 production)	MT17 ($^3\text{He},3n$) >>

Se77 ($^3\text{He},n$) or Kr79 production log-log

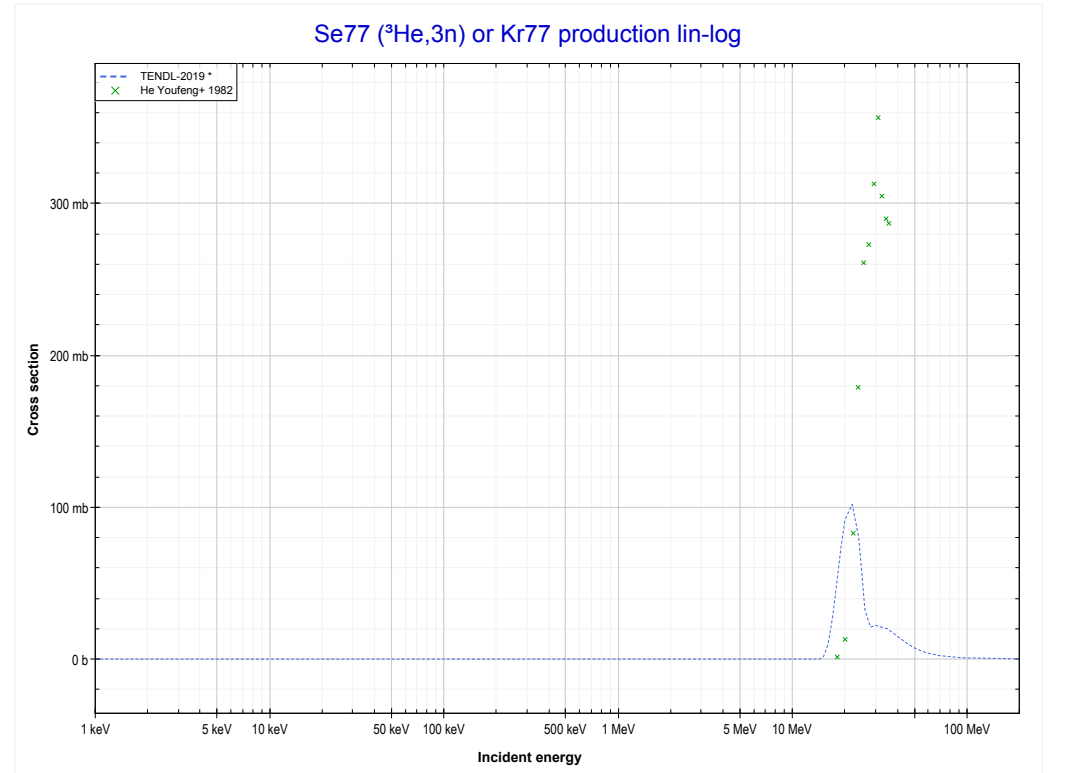
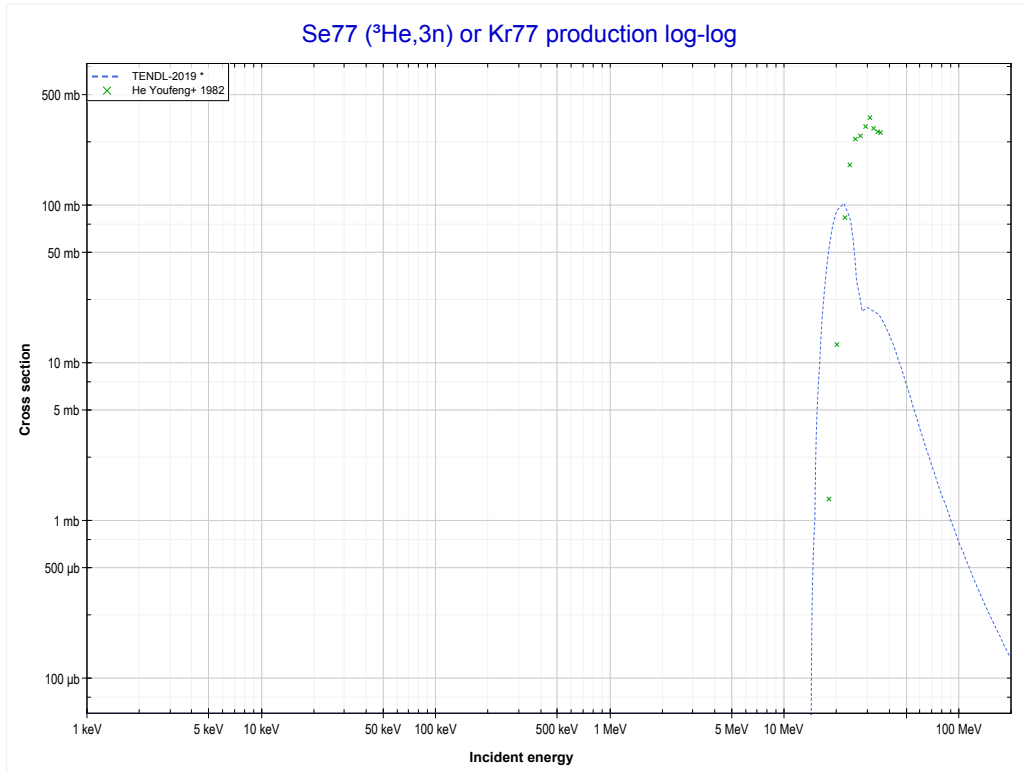


Se77 ($^3\text{He},n$) or Kr79 production lin-log



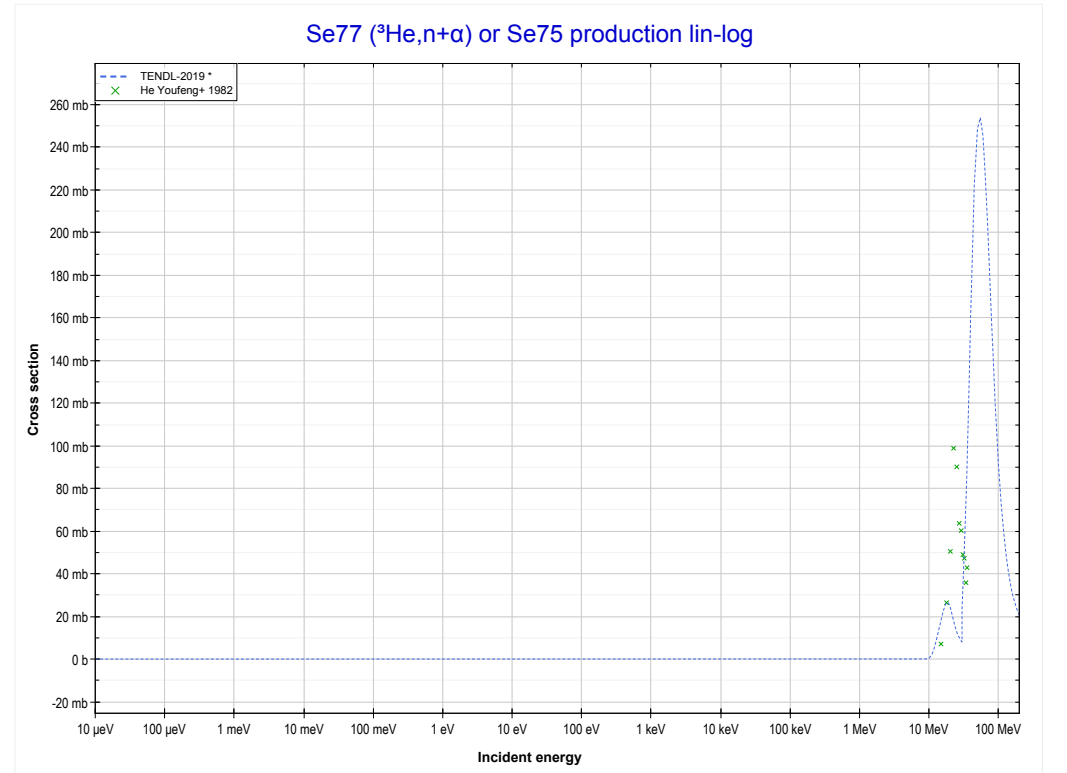
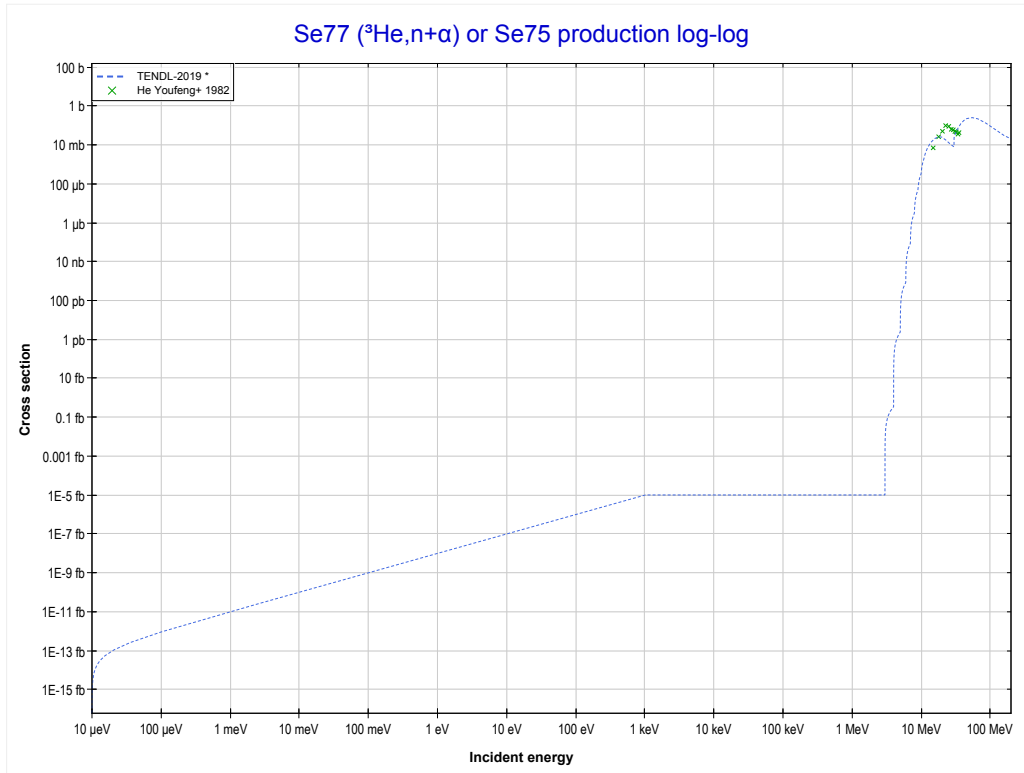
Reaction	Q-Value
Se77(He3,n)Kr79	6702.41 keV

<< 34-Se-76	34-Se-77	41-Nb-93 >>
<< MT4 (³ He,n)	MT17 (³He,3n) or MT5 (Kr77 production)	MT22 (³ He,n+α) >>



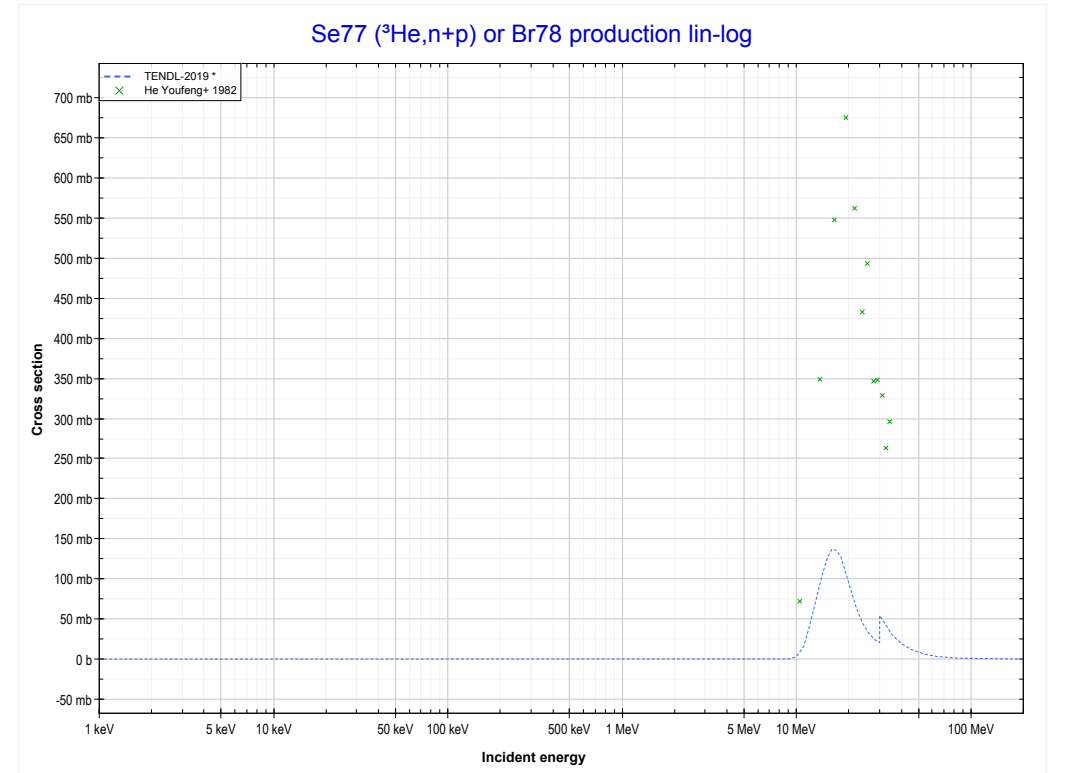
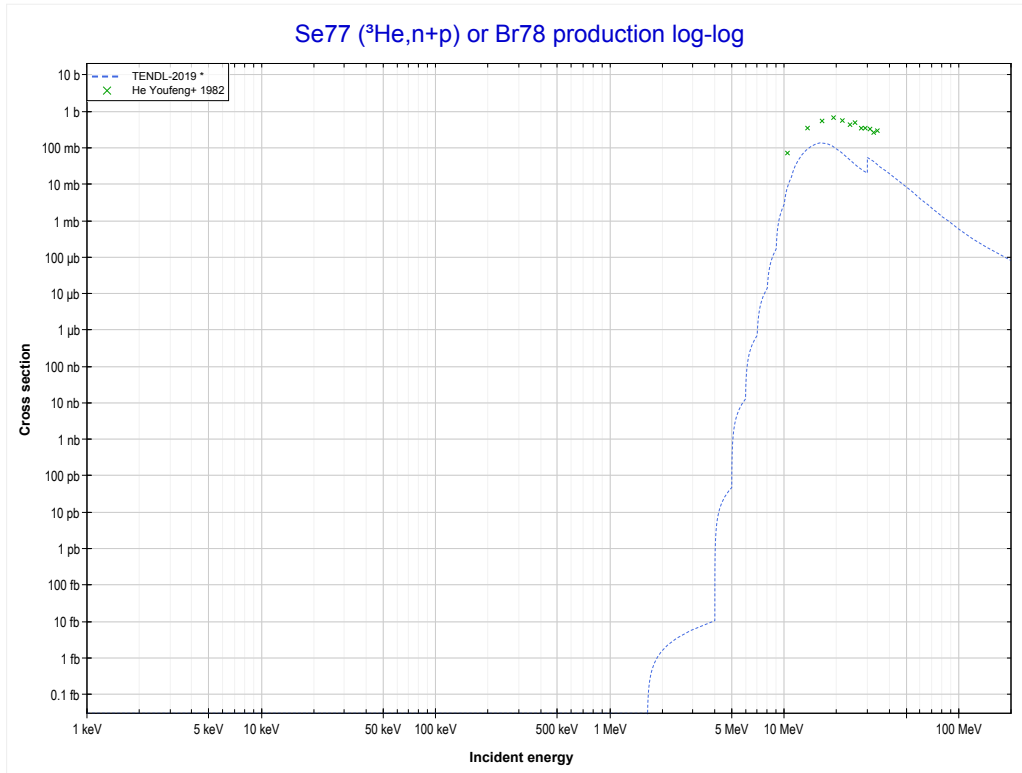
Reaction	Q-Value
Se77(He3,3n)Kr77	-13712.82 keV

<< 31-Ga-69	34-Se-77	47-Ag-107 >>
<< MT17 (³ He,3n)	MT22 (³He,n+α) or MT5 (Se75 production)	MT28 (³ He,n+p) >>



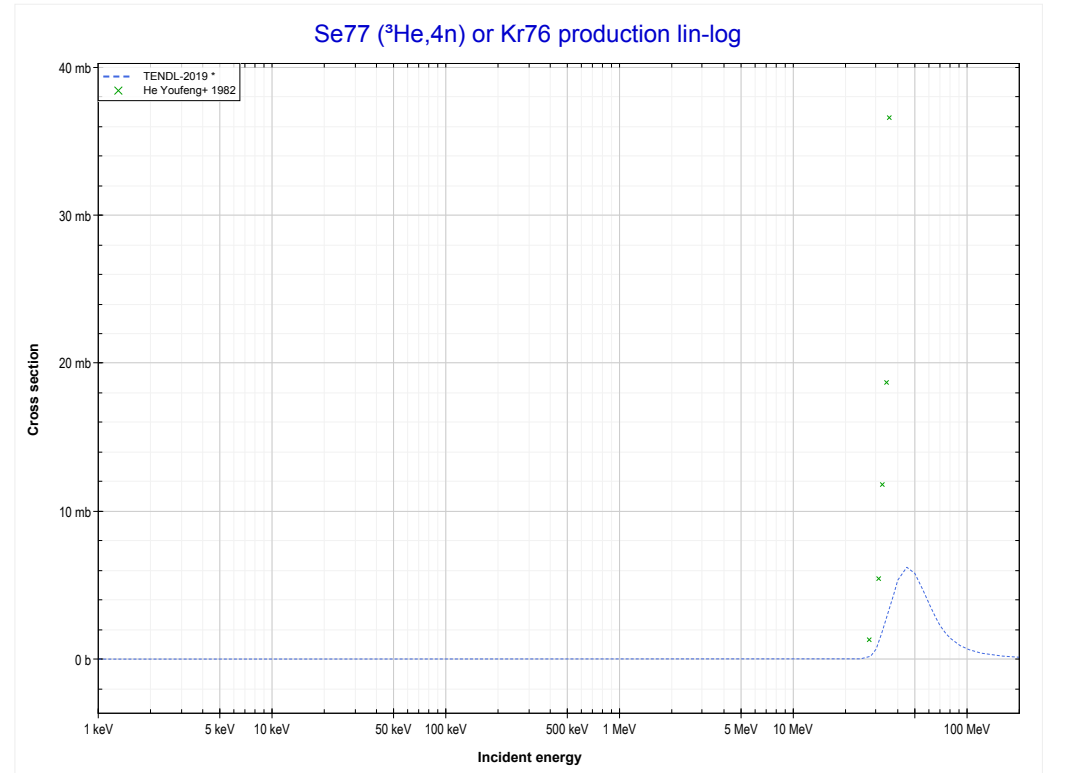
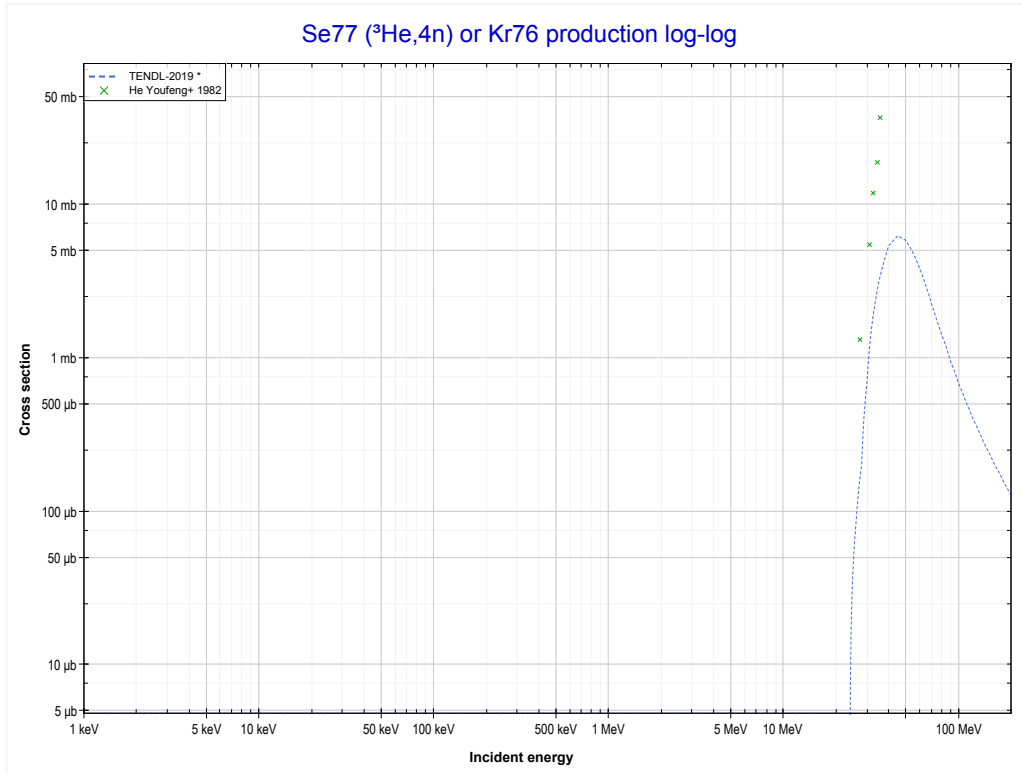
Reaction	Q-Value
Se77(He3,n+α)Se75	2004.98 keV
Se77(He3,d+t)Se75	-15584.32 keV
Se77(He3,n+p+t)Se75	-17808.89 keV
Se77(He3,2n+He3)Se75	-18572.64 keV
Se77(He3,n+2d)Se75	-21841.55 keV
Se77(He3,2n+p+d)Se75	-24066.12 keV
Se77(He3,3n+2p)Se75	-26290.68 keV

<< 34-Se-76	34-Se-77	44-Ru-101 >>
<< MT22 ($^3\text{He},n+\alpha$)	MT28 ($^3\text{He},n+p$) or MT5 (Br78 production)	MT37 ($^3\text{He},4n$) >>



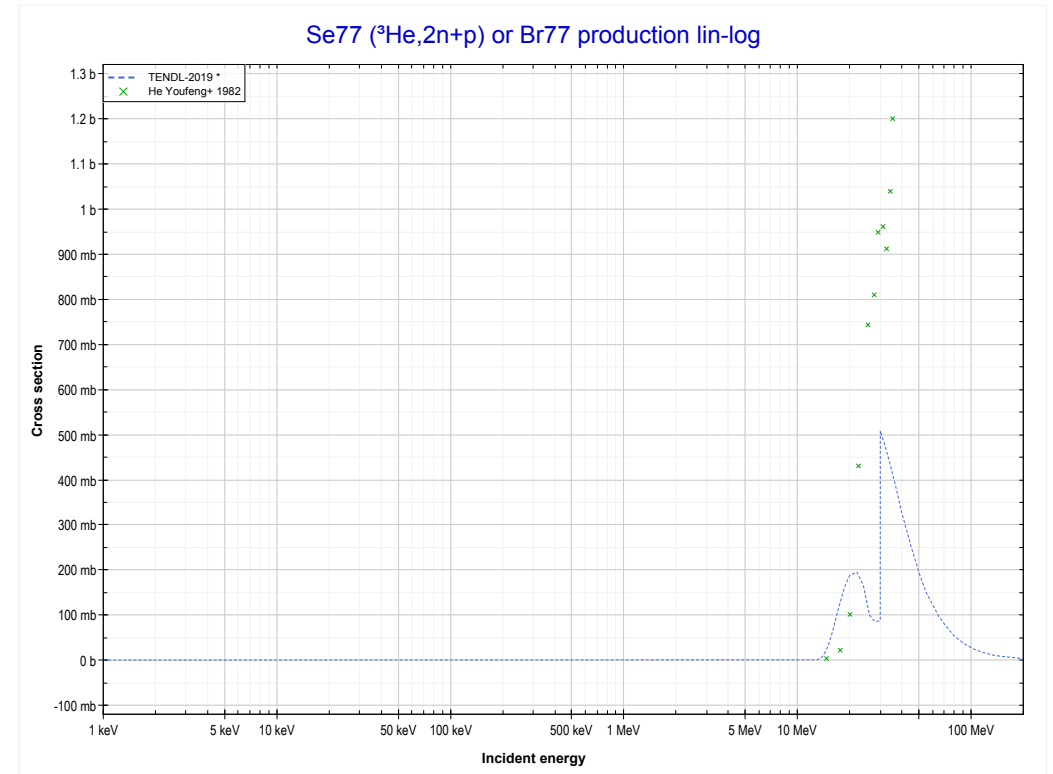
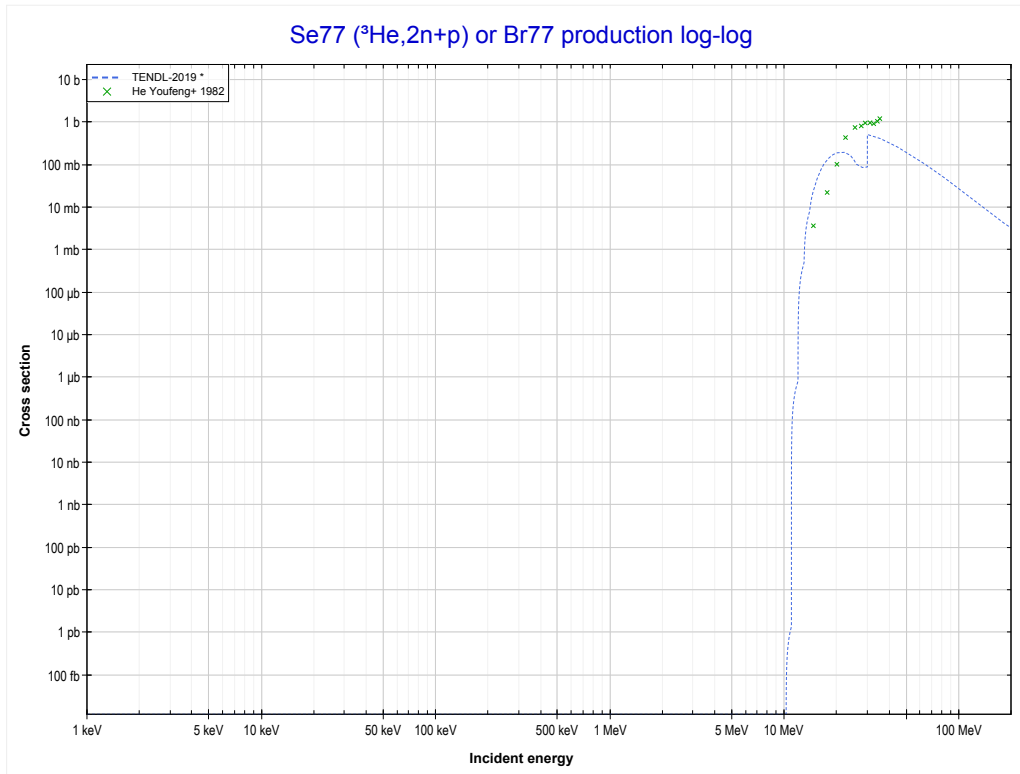
Reaction	Q-Value
$\text{Se}77(\text{He}3,d)\text{Br}78$	648.01 keV
$\text{Se}77(\text{He}3,n+p)\text{Br}78$	-1576.56 keV

<< 33-As-75	34-Se-77	41-Nb-93 >>
<< MT28 ($^3\text{He},n+p$)	MT37 ($^3\text{He},4n$) or MT5 (Kr76 production)	MT41 ($^3\text{He},2n+p$) >>



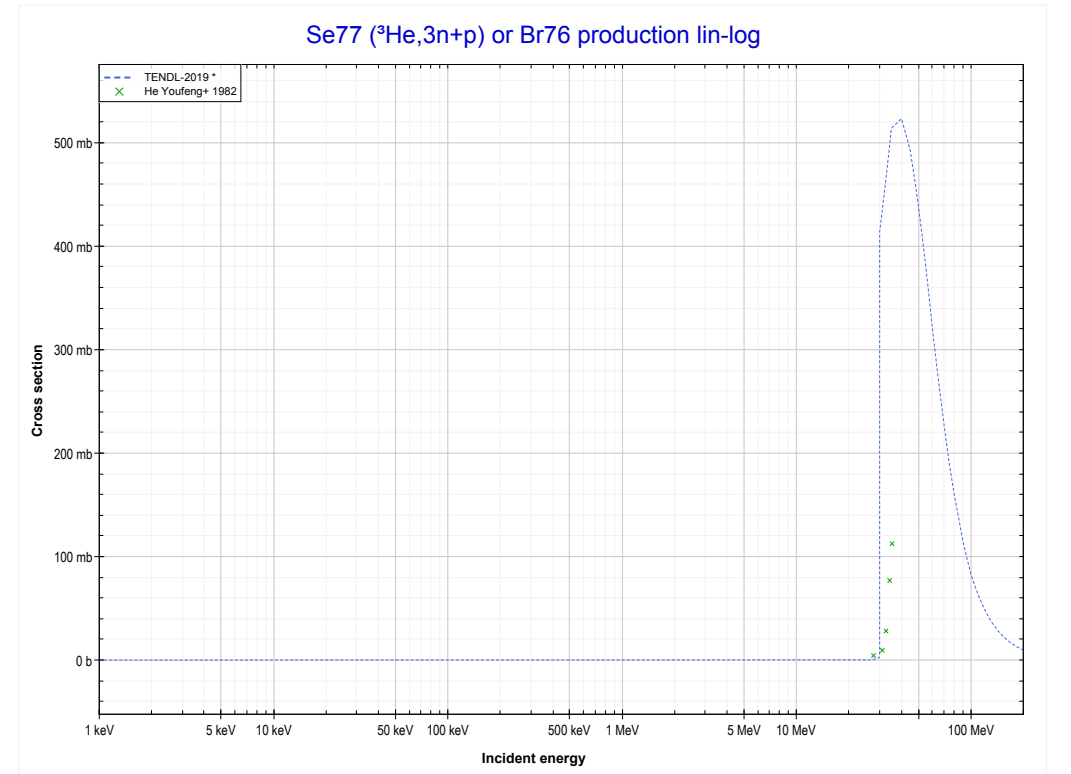
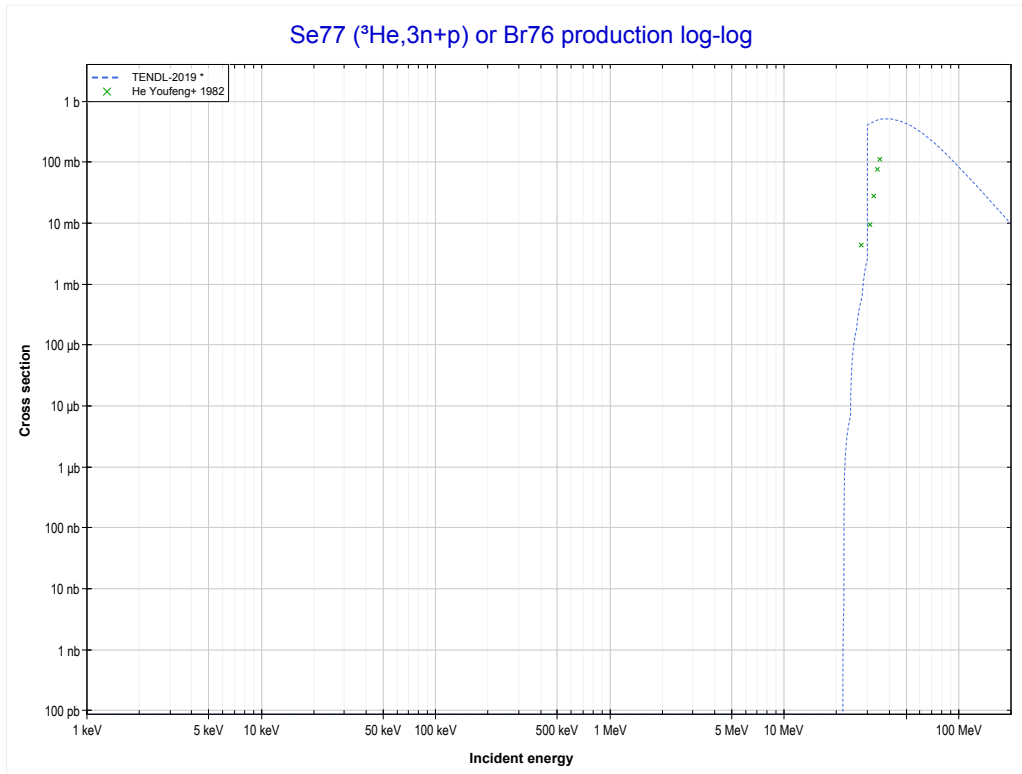
Reaction	Q-Value
Se77(He3,4n)Kr76	-22939.54 keV

<< 34-Se-76	34-Se-77	44-Ru-102 >>
<< MT37 (³ He,4n)	MT41 (³He,2n+p) or MT5 (Br77 production)	MT42 (³ He,3n+p) >>



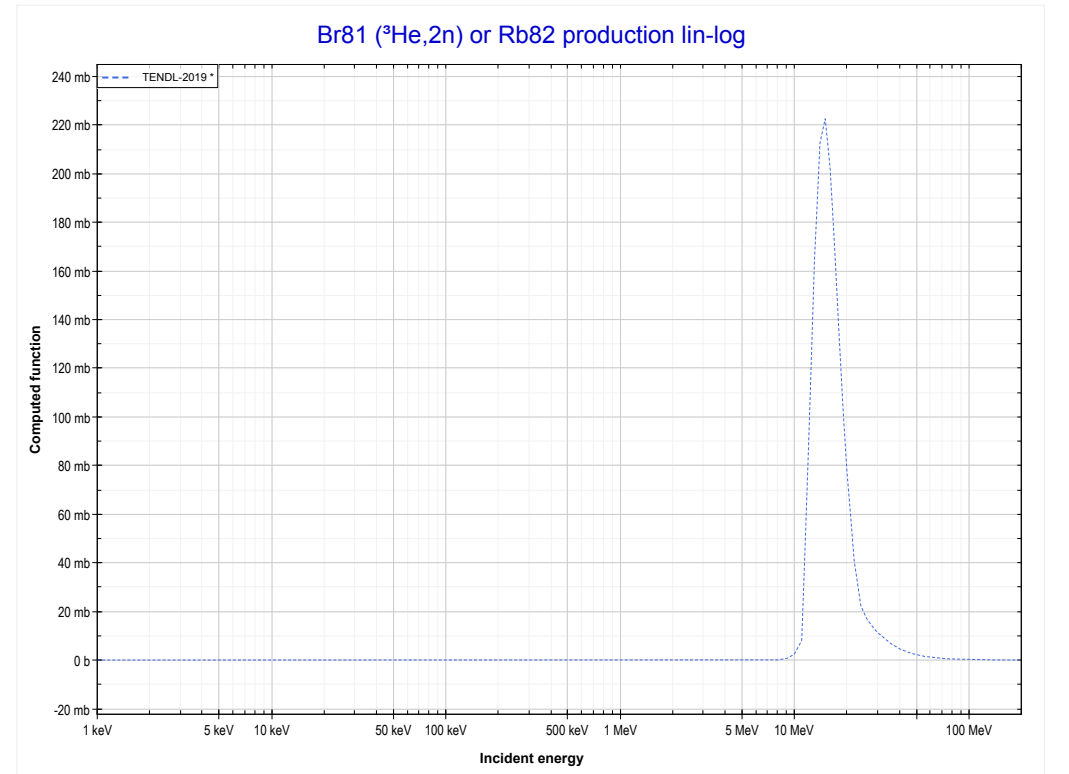
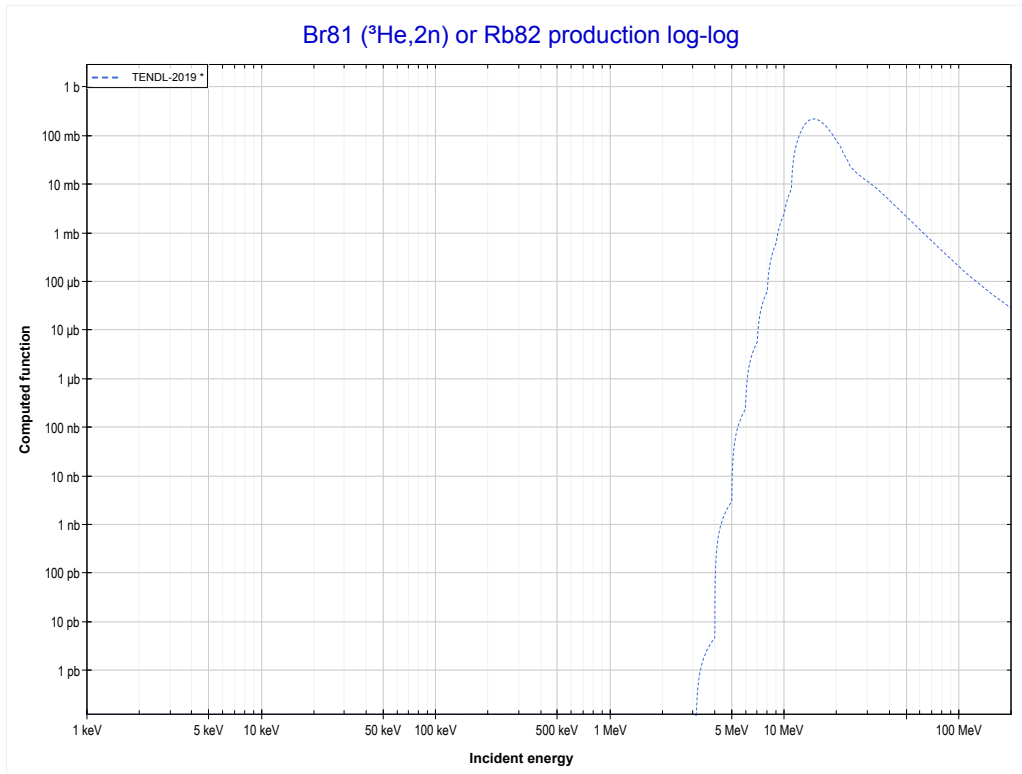
Reaction	Q-Value
Se77(He3,t)Br77	-1383.28 keV
Se77(He3,n+d)Br77	-7640.51 keV
Se77(He3,2n+p)Br77	-9865.08 keV

<< 34-Se-76	34-Se-77	62-Sm-147 >>
<< MT41 (³ He,2n+p)	MT42 (³He,3n+p) or MT5 (Br76 production)	35-Br-81 MT16 (³ He,2n) >>



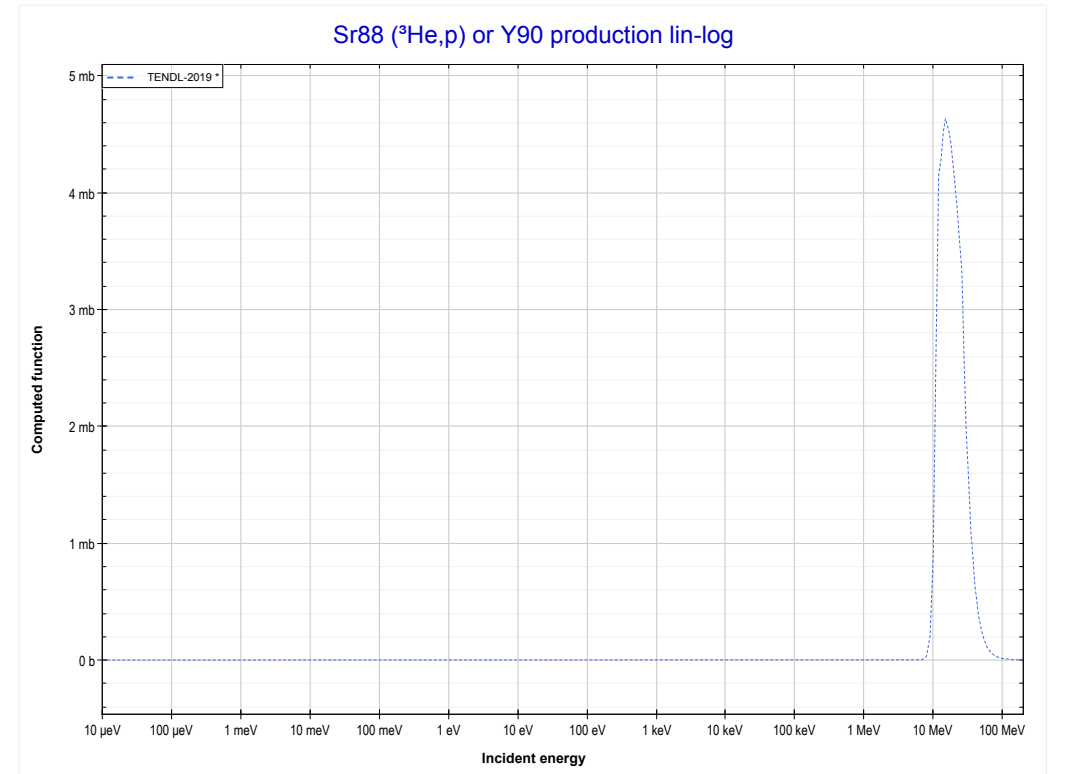
Reaction	Q-Value
Se77(He3,n+t)Br76	-12400.40 keV
Se77(He3,2n+d)Br76	-18657.63 keV
Se77(He3,3n+p)Br76	-20882.19 keV

<< 34-Se-76	35-Br-81	41-Nb-93 >>
<< 34-Se-77 MT42 (³ He,3n+p)	MT16 (³He,2n) or MT5 (Rb82 production)	38-Sr-88 MT103 (³ He,p) >>



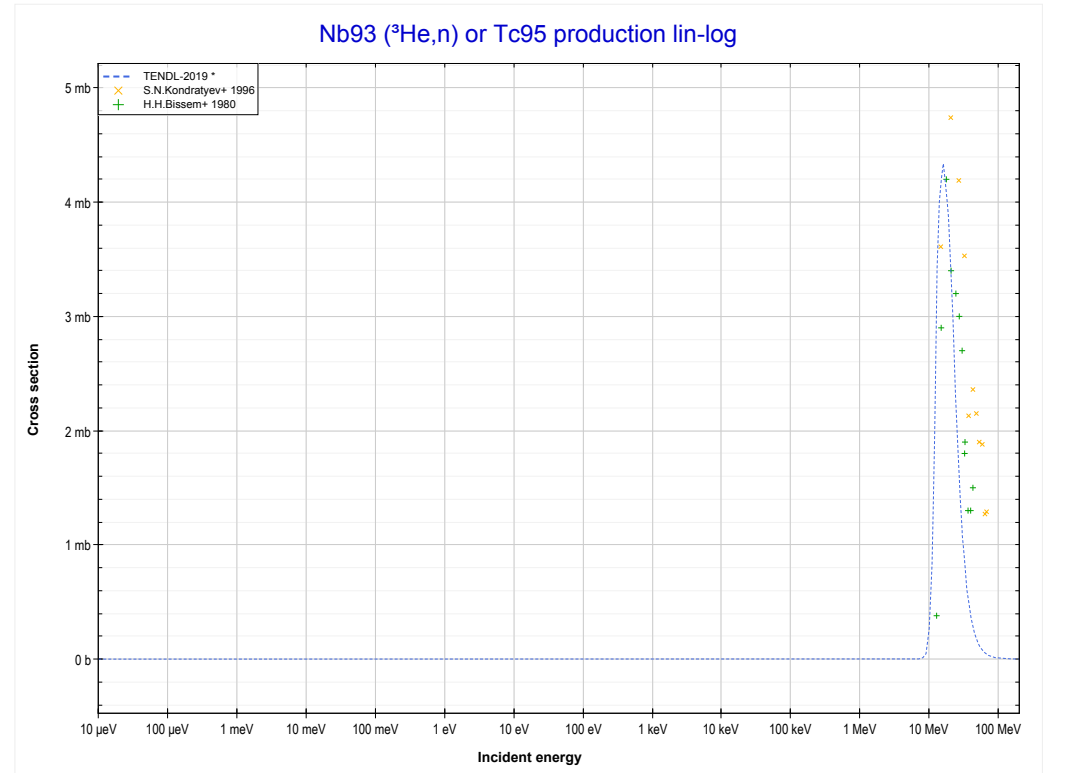
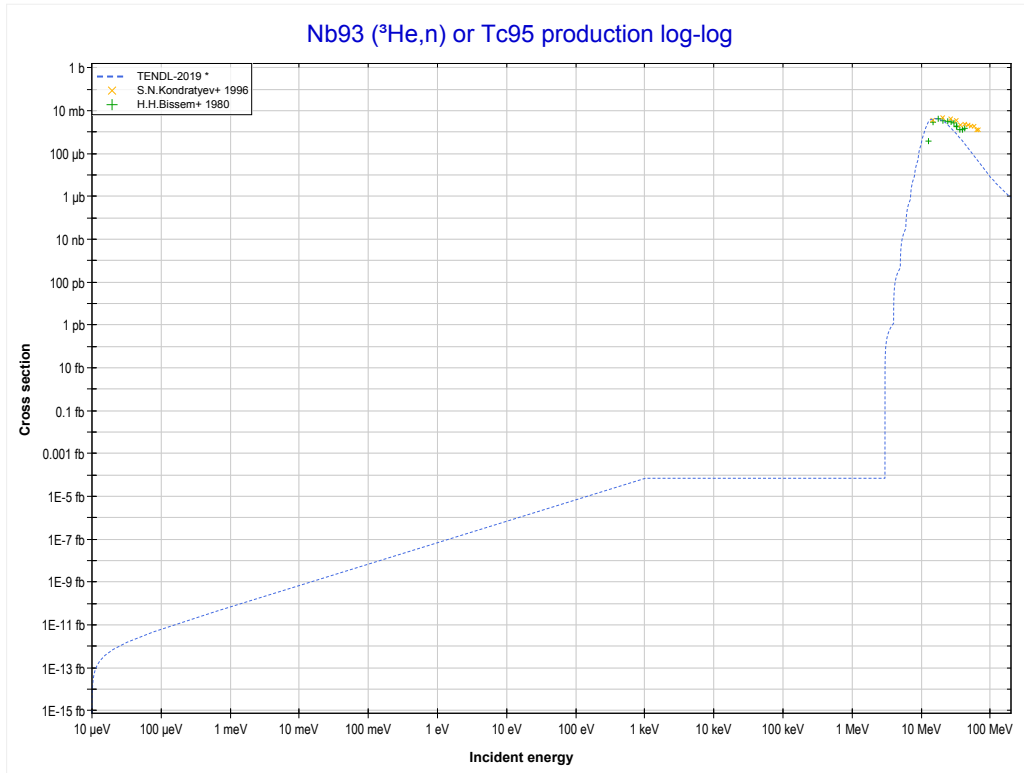
Reaction	Q-Value
Br81(He3,2n)Rb82	-3000.42 keV

<< 30-Zn-64	38-Sr-88	74-W-186 >>
<< 35-Br-81 MT16 ($^3\text{He},2n$)	MT103 ($^3\text{He},p$) or MT5 (Y90 production)	41-Nb-93 MT4 ($^3\text{He},n$) >>



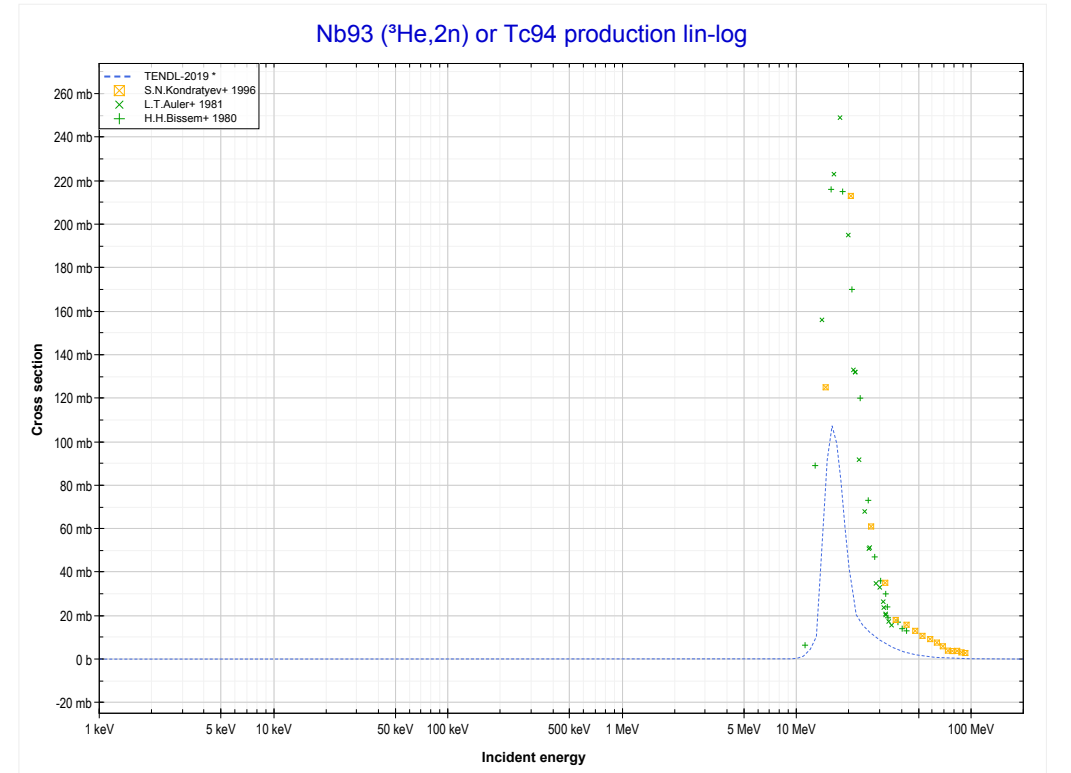
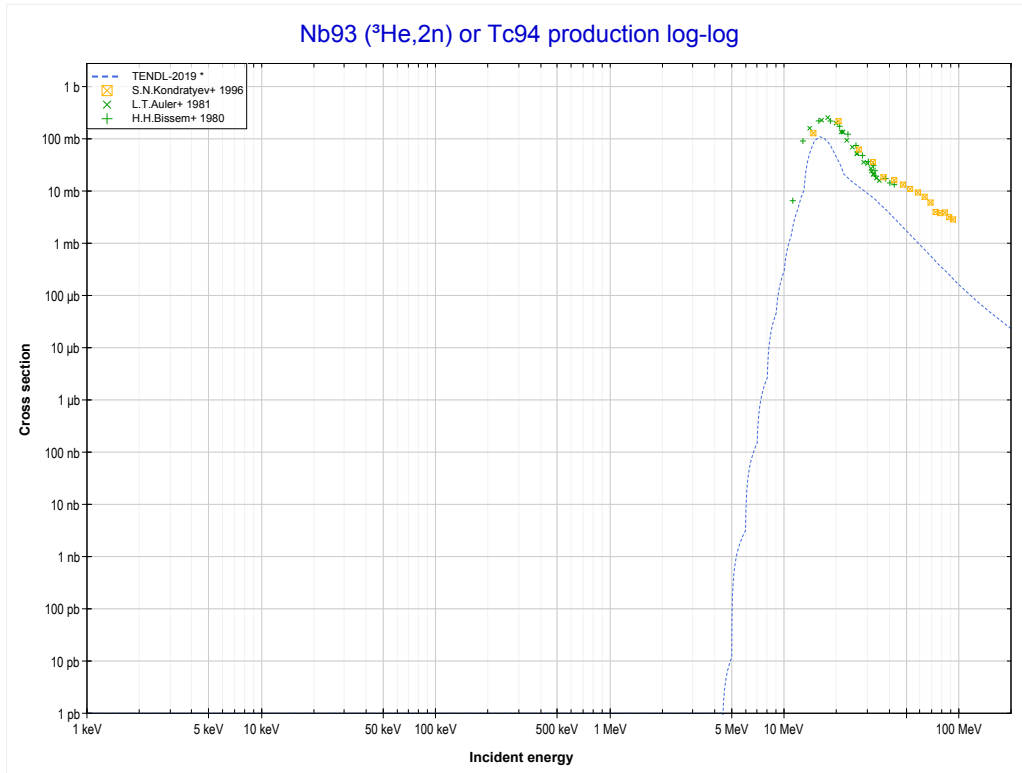
Reaction	Q-Value
Sr88(He3,p)Y90	6214.73 keV

<< 34-Se-77	41-Nb-93	44-Ru-101 >>
<< 38-Sr-88 MT103 (³ He,p)	MT4 (³He,n) or MT5 (Tc95 production)	MT16 (³ He,2n) >>



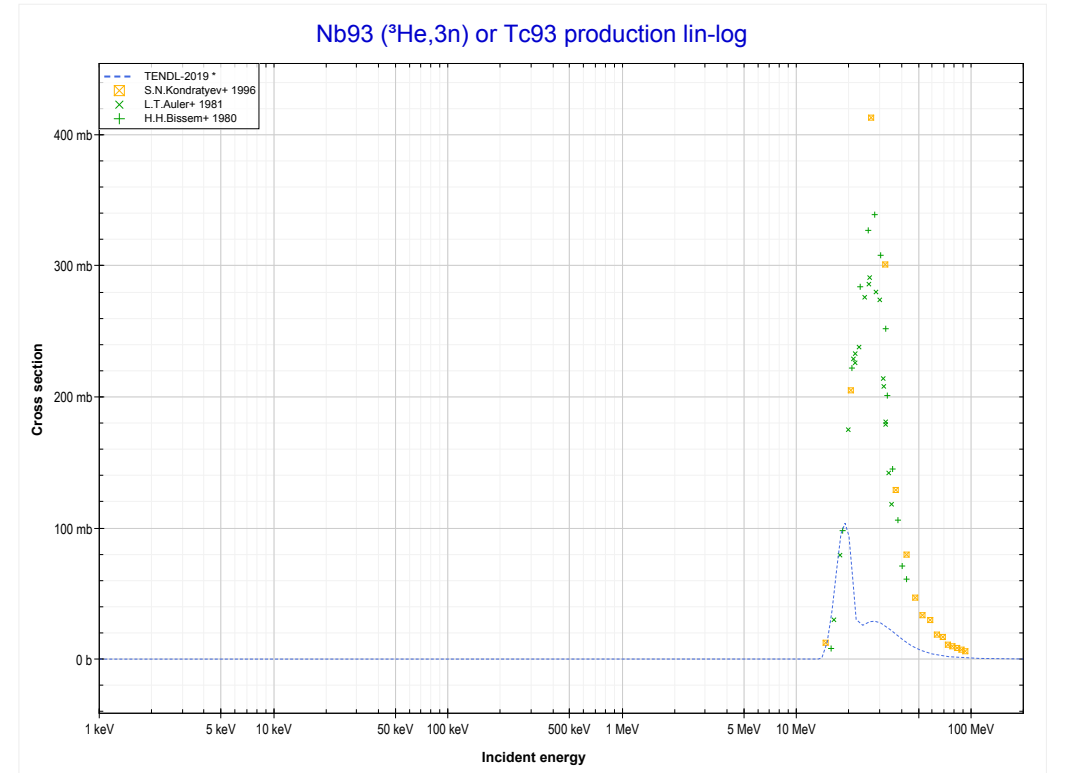
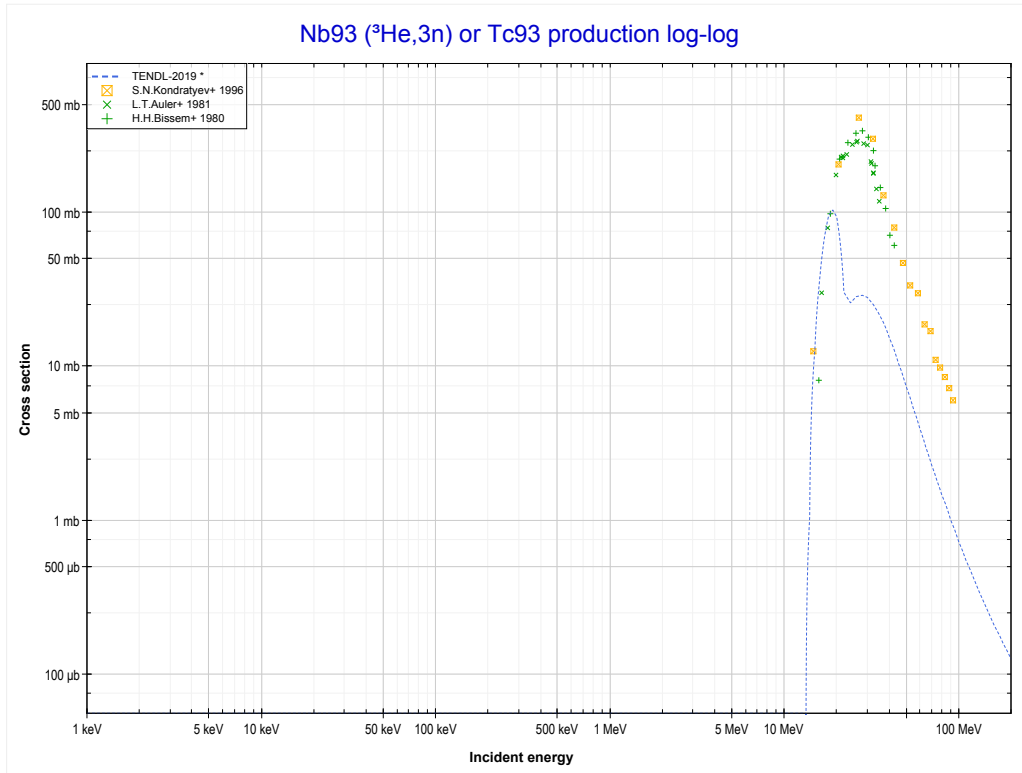
Reaction	Q-Value
Nb93(He3,n)Tc95	5668.10 keV

<< 35-Br-81	41-Nb-93	44-Ru-102 >>
<< MT4 (³ He,n)	MT16 (³He,2n) or MT5 (Tc94 production)	MT17 (³ He,3n) >>



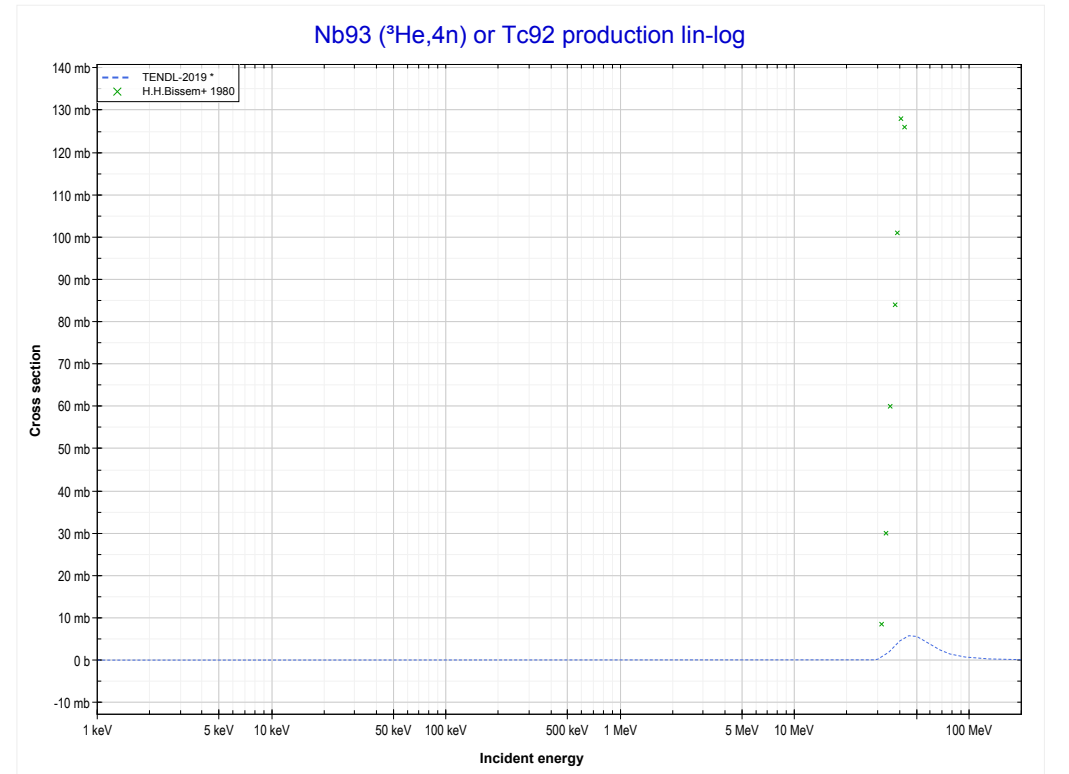
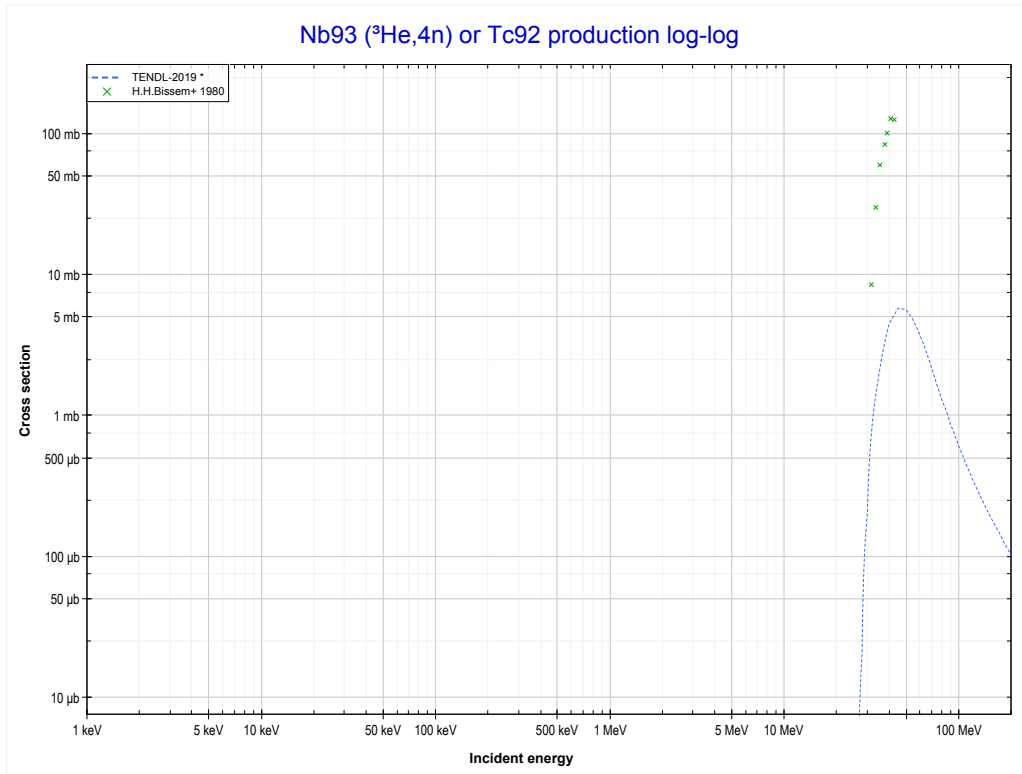
Reaction	Q-Value
Nb93(He3,2n)Tc94	-4266.22 keV

<< 34-Se-77	41-Nb-93	44-Ru-101 >>
<< MT16 ($^3\text{He},2n$)	MT17 ($^3\text{He},3n$) or MT5 (Tc93 production)	MT37 ($^3\text{He},4n$) >>



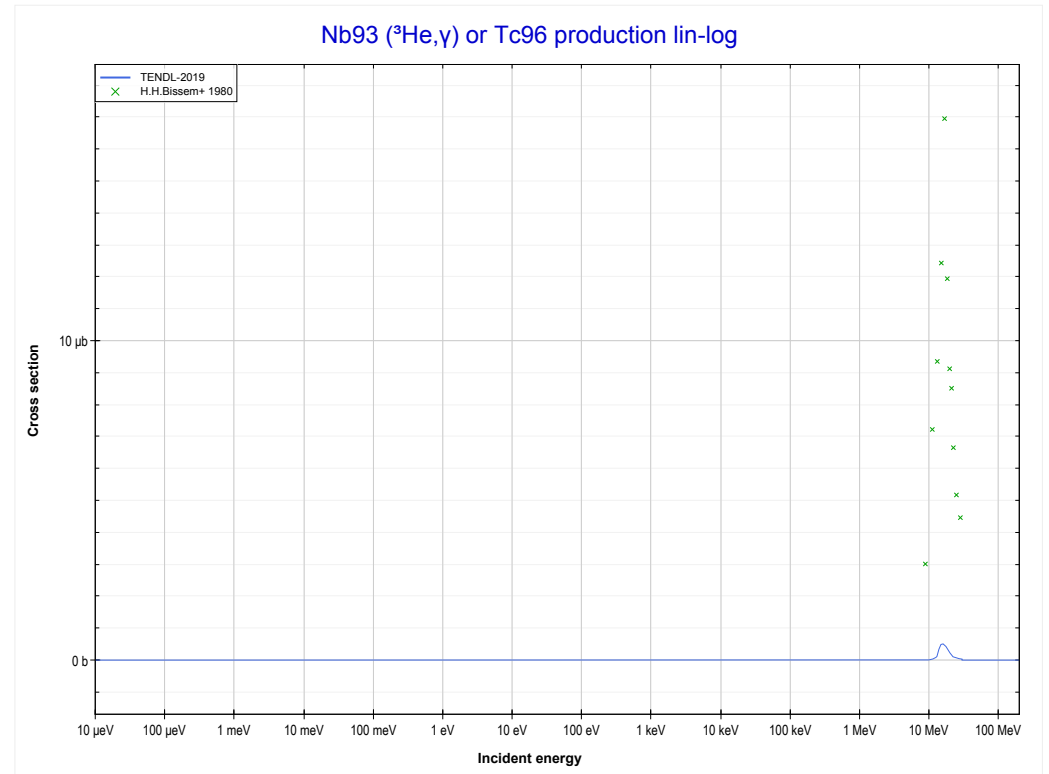
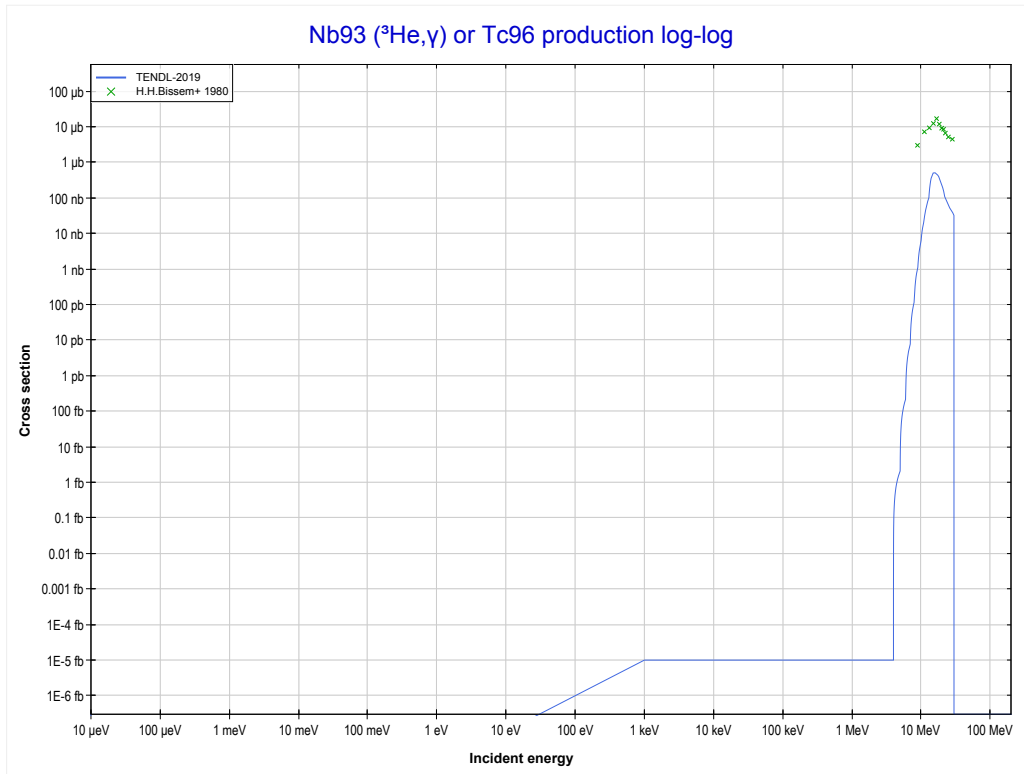
Reaction	Q-Value
Nb93($\text{He}3,3n$)Tc93	-12889.43 keV

<< 34-Se-77	41-Nb-93	44-Ru-101 >>
<< MT17 (³ He,3n)	MT37 (³He,4n) or MT5 (Tc92 production)	MT102 (³ He,γ) >>



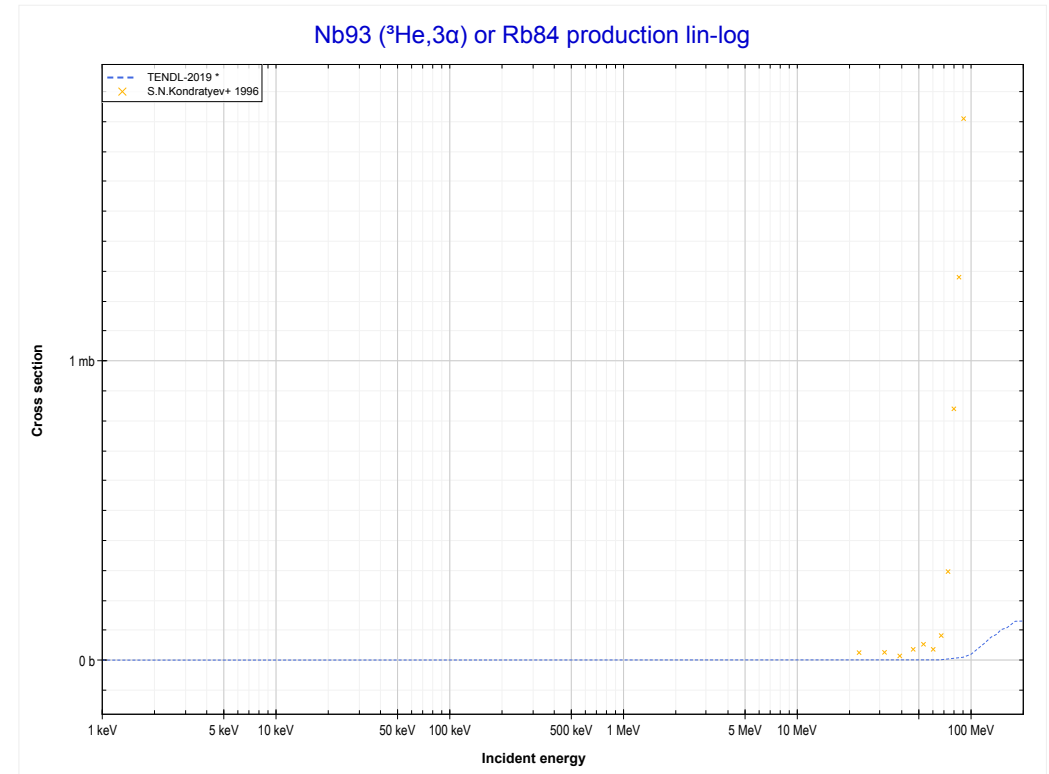
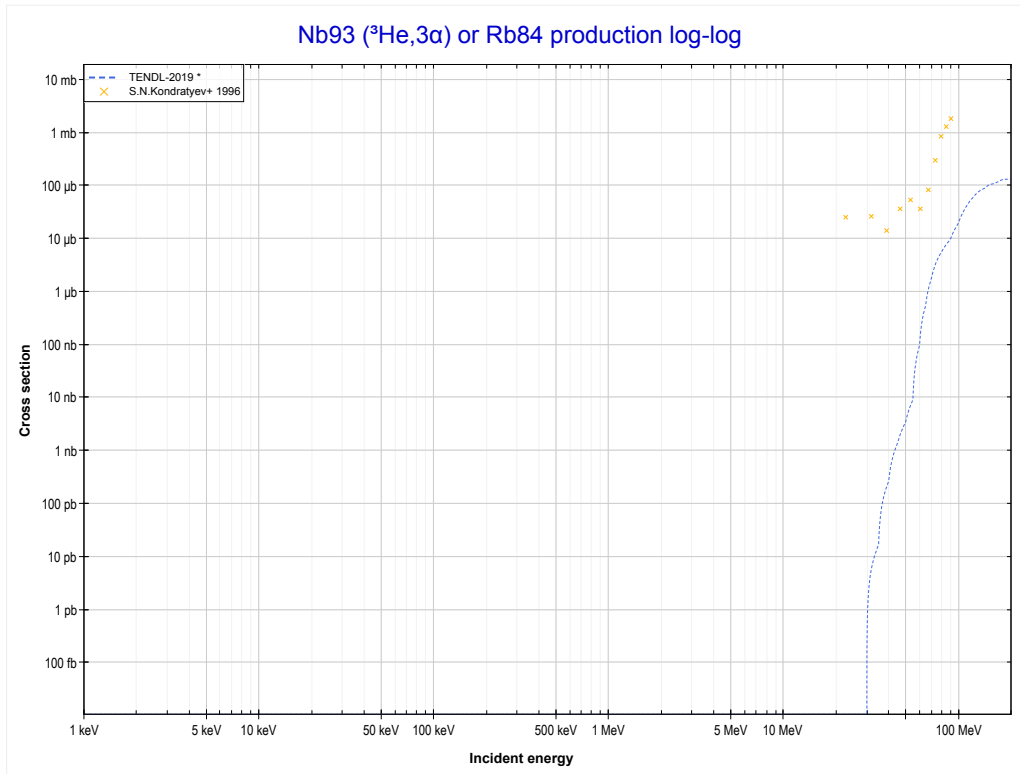
Reaction	Q-Value
Nb93(He3,4n)Tc92	-25640.85 keV

<< 31-Ga-71	41-Nb-93	
<< MT37 ($^3\text{He},4n$)	MT102 ($^3\text{He},\gamma$) or MT5 (Tc96 production)	MT109 ($^3\text{He},3\alpha$) >>



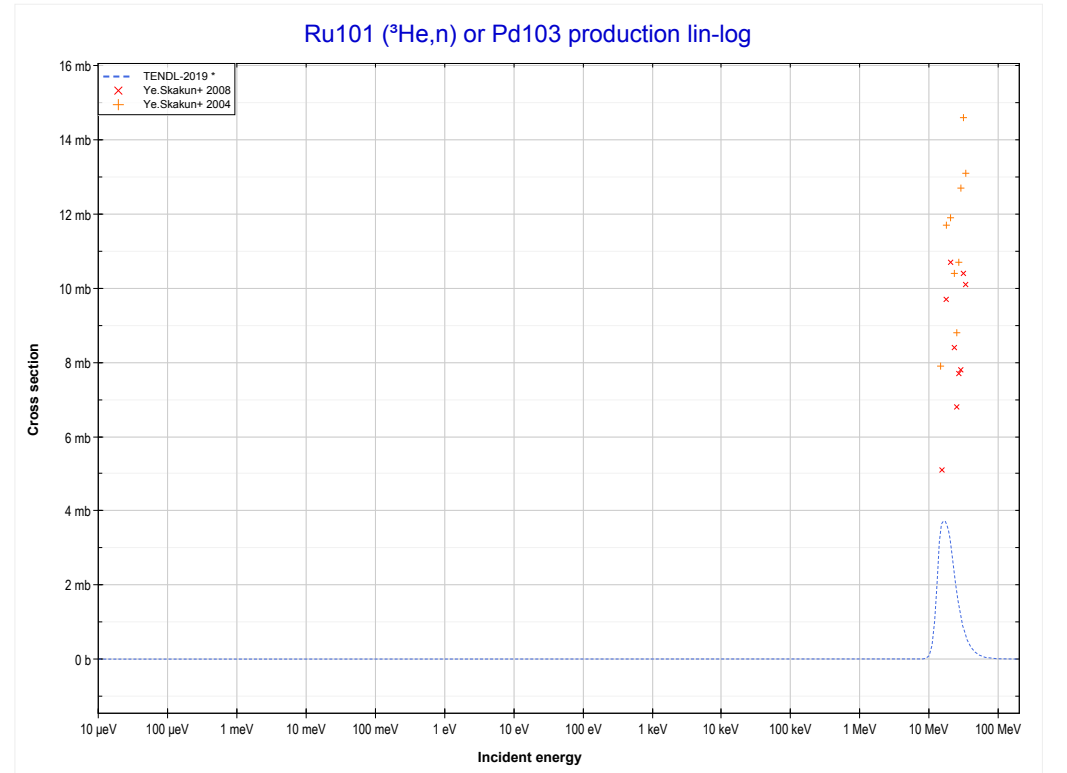
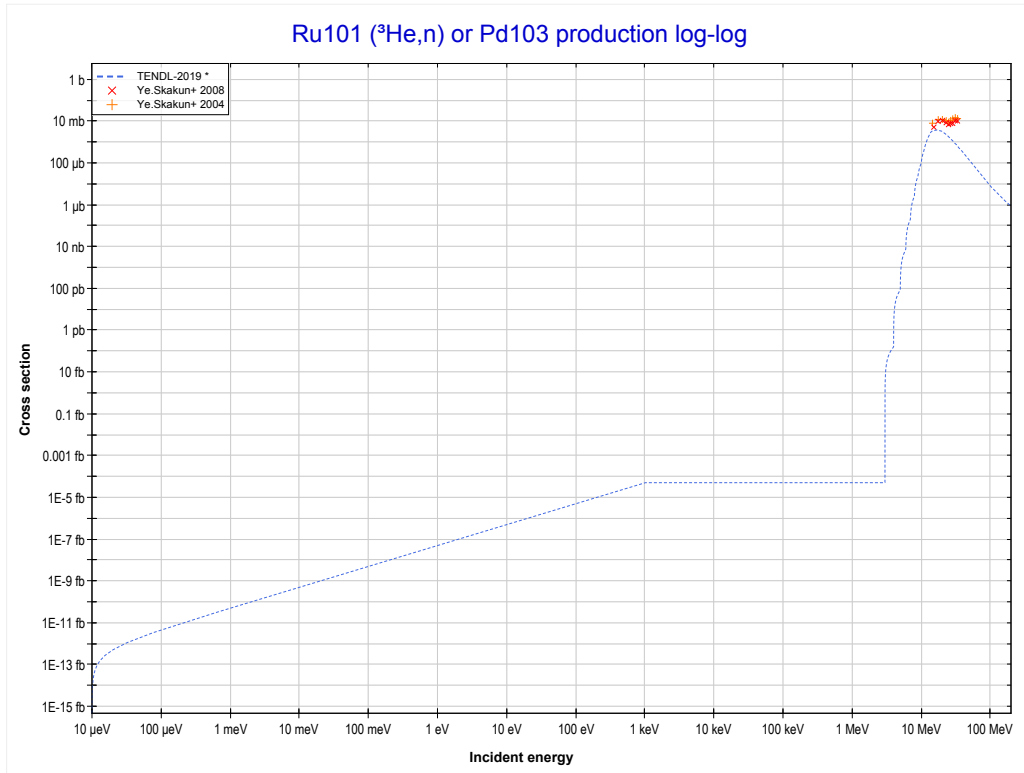
Reaction	Q-Value
Nb93($\text{He}3,\gamma$)Tc96	13540.42 keV

<< 8-O-16	41-Nb-93	
<< MT102 (³ He,γ)	MT109 (³He,3α) or MT5 (Rb84 production)	44-Ru-101 MT4 (³ He,n) >>



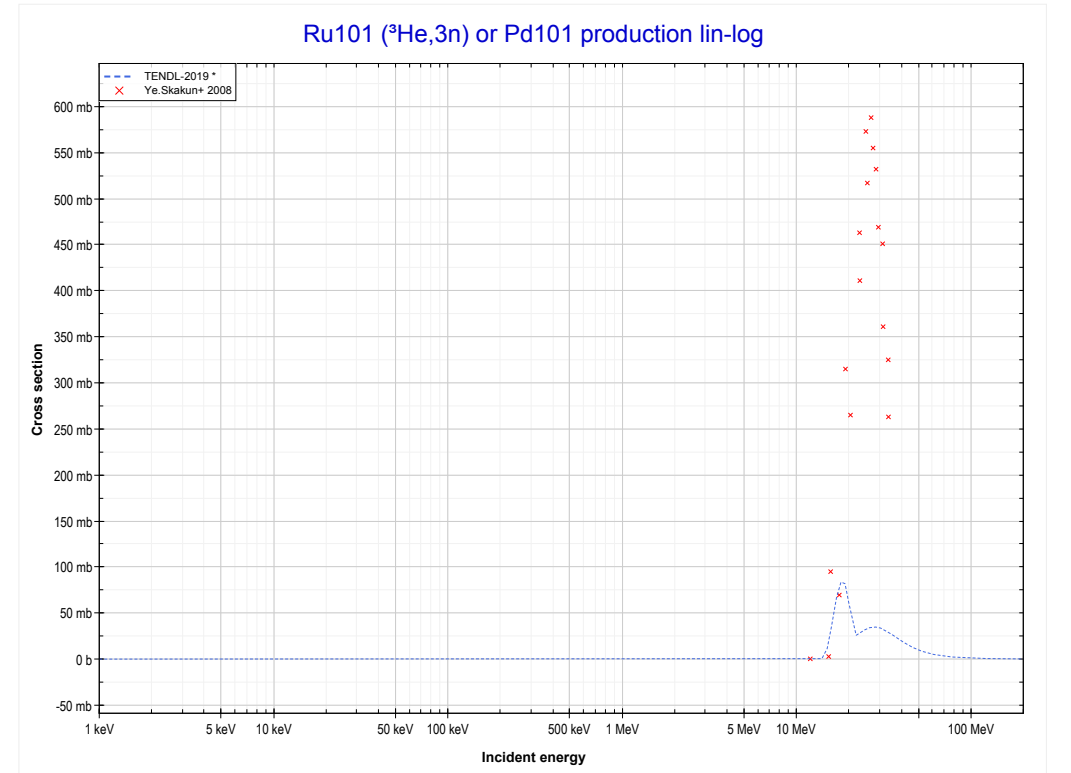
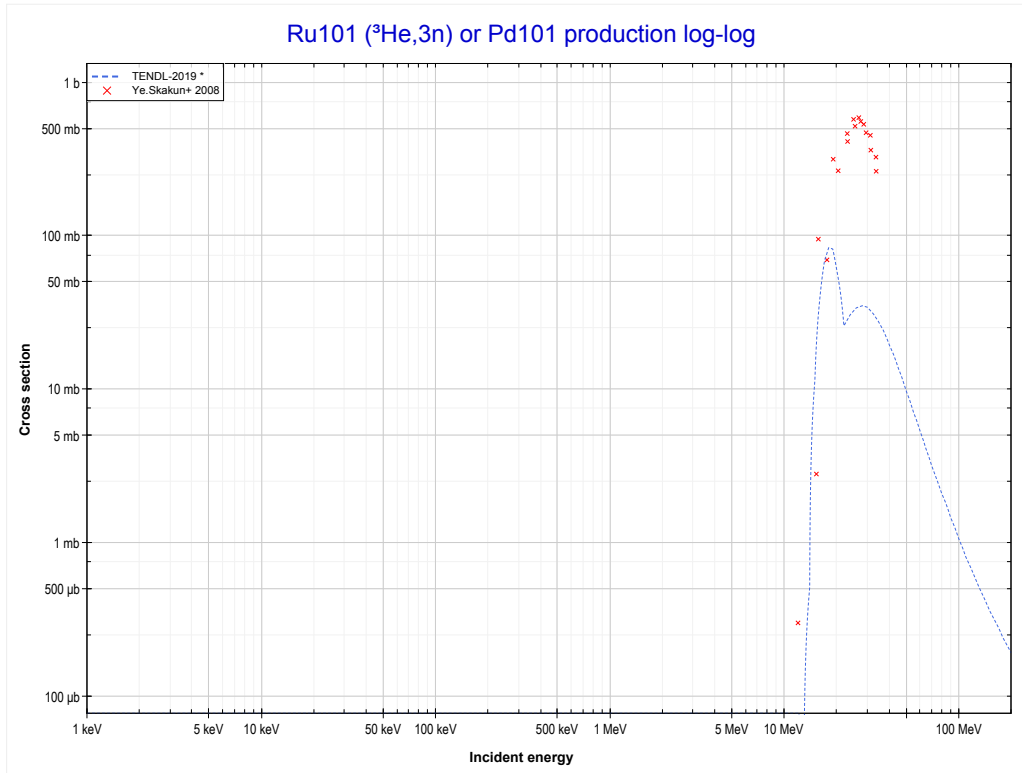
Reaction	Q-Value	Reaction	Q-Value
Nb93(He3,3α)Rb84	202.67 keV	Nb93(He3,n+p+t+He3+α)Rb84	-40188.81 keV
Nb93(He3,p+t+2α)Rb84	-19611.19 keV	Nb93(He3,2n+2He3+α)Rb84	-40952.57 keV
Nb93(He3,n+He3+2α)Rb84	-20374.95 keV	Nb93(He3,p+2d+t+α)Rb84	-43457.72 keV
Nb93(He3,2d+2α)Rb84	-23643.86 keV	Nb93(He3,n+2d+He3+α)Rb84	-44221.48 keV
Nb93(He3,n+p+d+2α)Rb84	-25868.42 keV	Nb93(He3,n+2p+d+t+α)Rb84	-45682.29 keV
Nb93(He3,2n+2p+2α)Rb84	-28092.99 keV	Nb93(He3,2n+p+d+He3+α)Rb84	-46446.04 keV
Nb93(He3,d+t+He3+α)Rb84	-37964.25 keV	Nb93(He3,4d+α)Rb84	-47490.38 keV
Nb93(He3,2p+2t+α)Rb84	-39425.06 keV	Nb93(He3,2n+3p+t+α)Rb84	-47906.85 keV

<< 41-Nb-93	44-Ru-101	45-Rh-103 >>
<< 41-Nb-93 MT109 ($^3\text{He},3\alpha$)	MT4 ($^3\text{He},n$) or MT5 (Pd103 production)	MT17 ($^3\text{He},3n$) >>



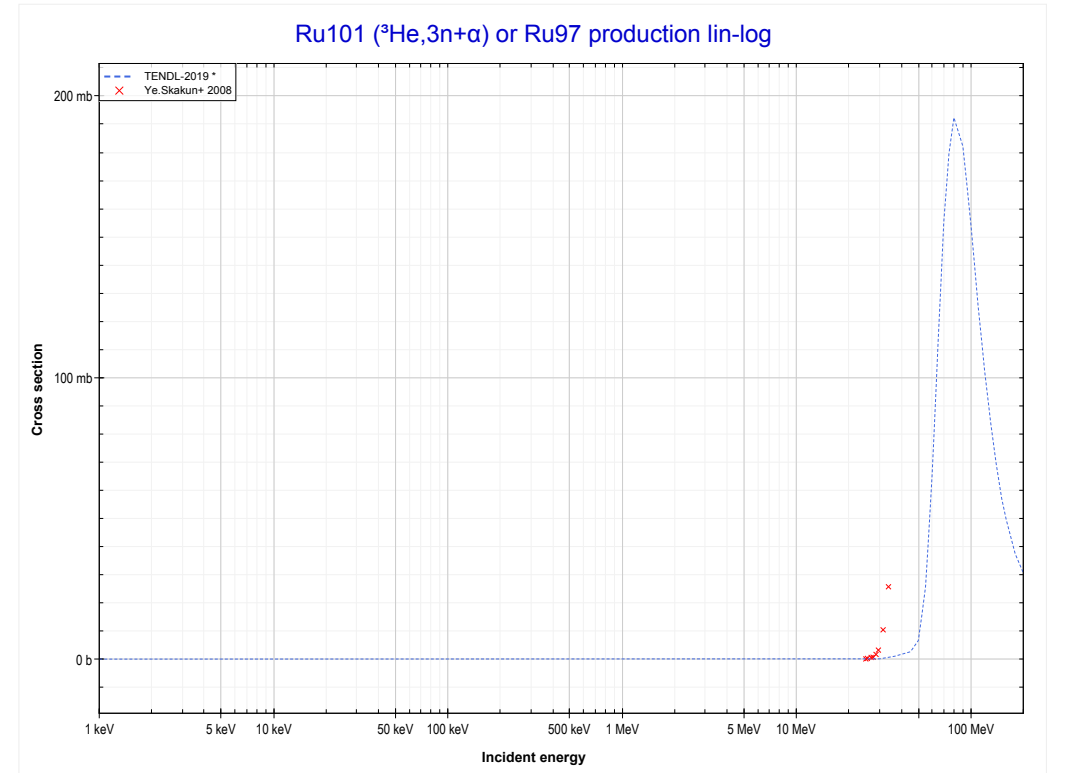
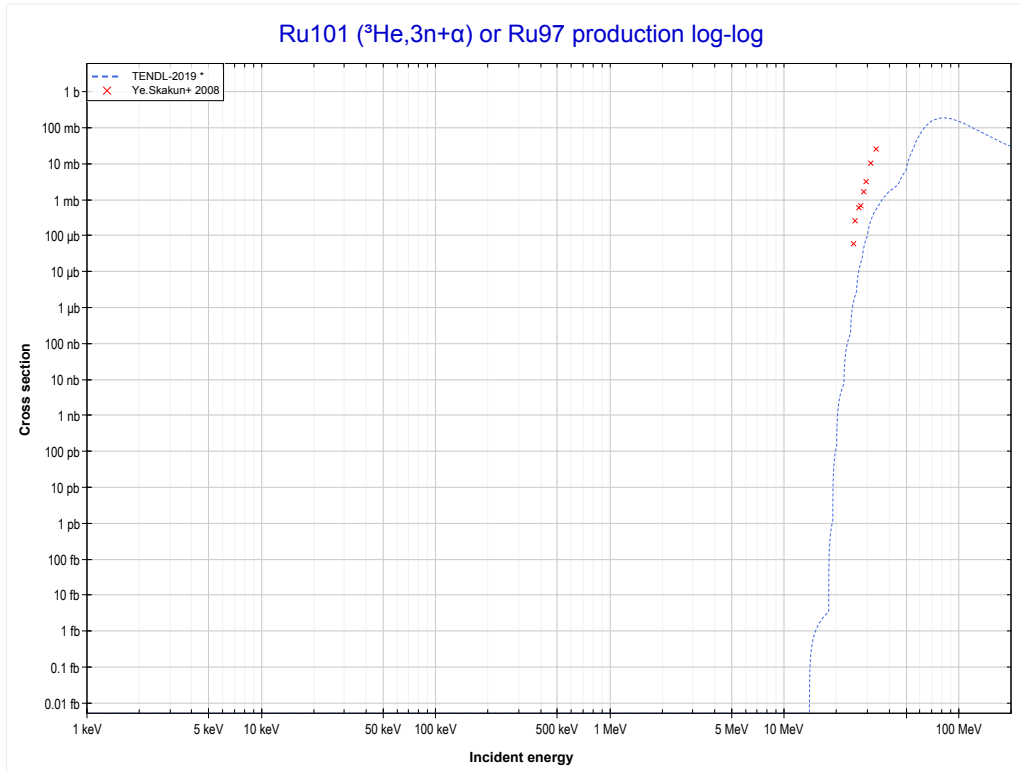
Reaction	Q-Value
Ru101(He3,n)Pd103	6359.00 keV

<< 41-Nb-93	44-Ru-101	45-Rh-103 >>
<< MT4 (³ He,n)	MT17 (³He,3n) or MT5 (Pd101 production)	MT25 (³ He,3n+α) >>



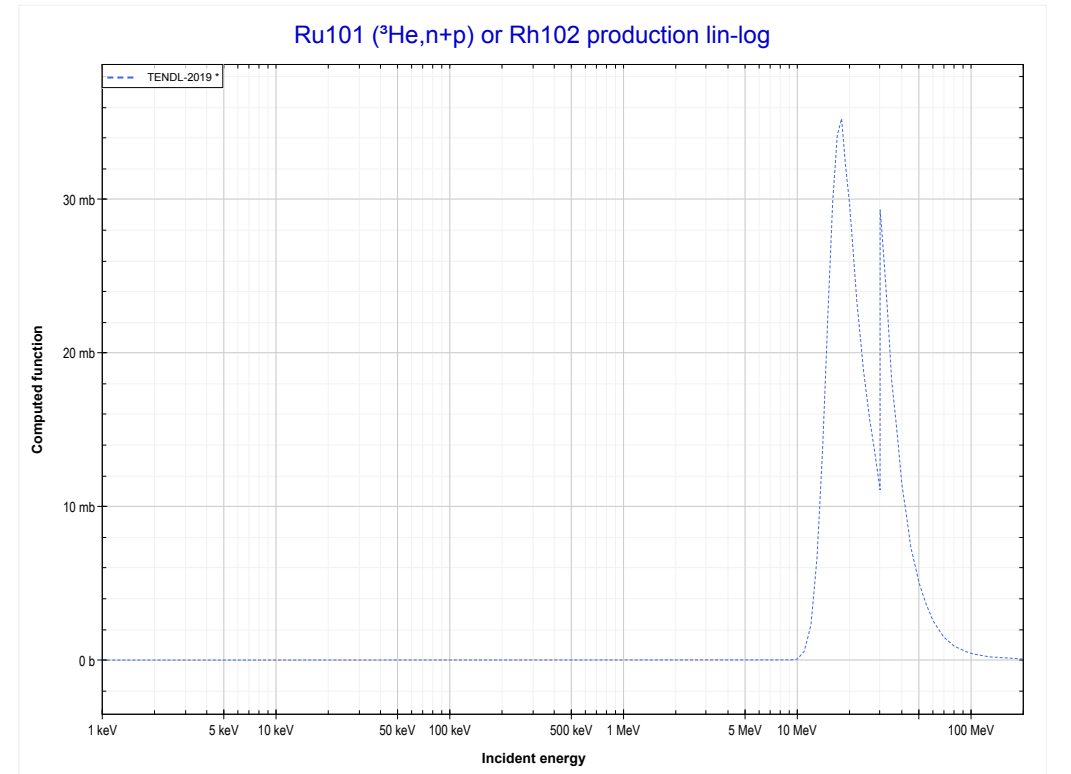
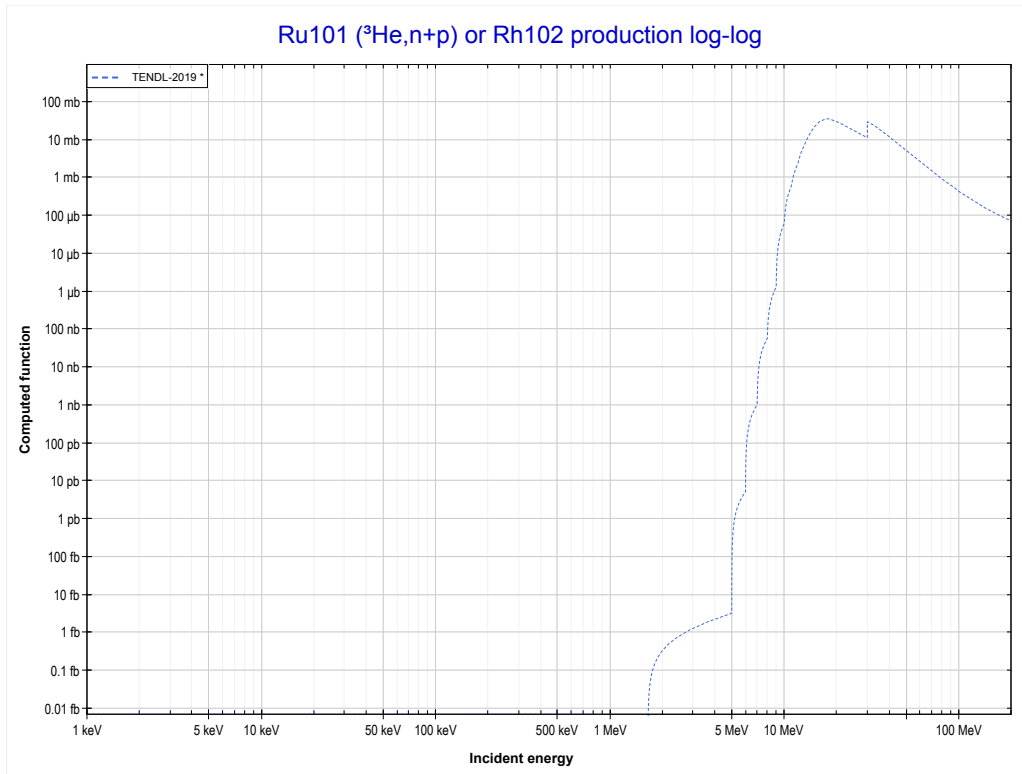
Reaction	Q-Value
Ru101(He3,3n)Pd101	-11808.83 keV

	44-Ru-101	47-Ag-107 >>
<< MT17 (³He,3n)	MT25 (³He,3n+α) or MT5 (Ru97 production)	MT28 (³He,n+p) >>



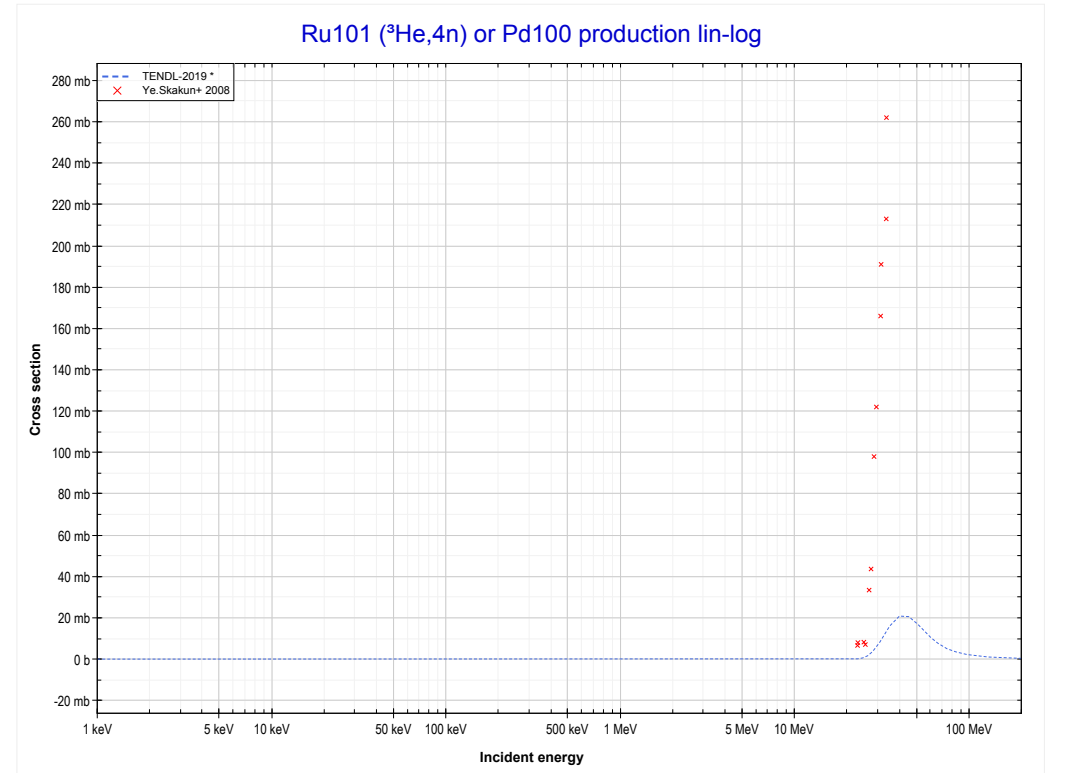
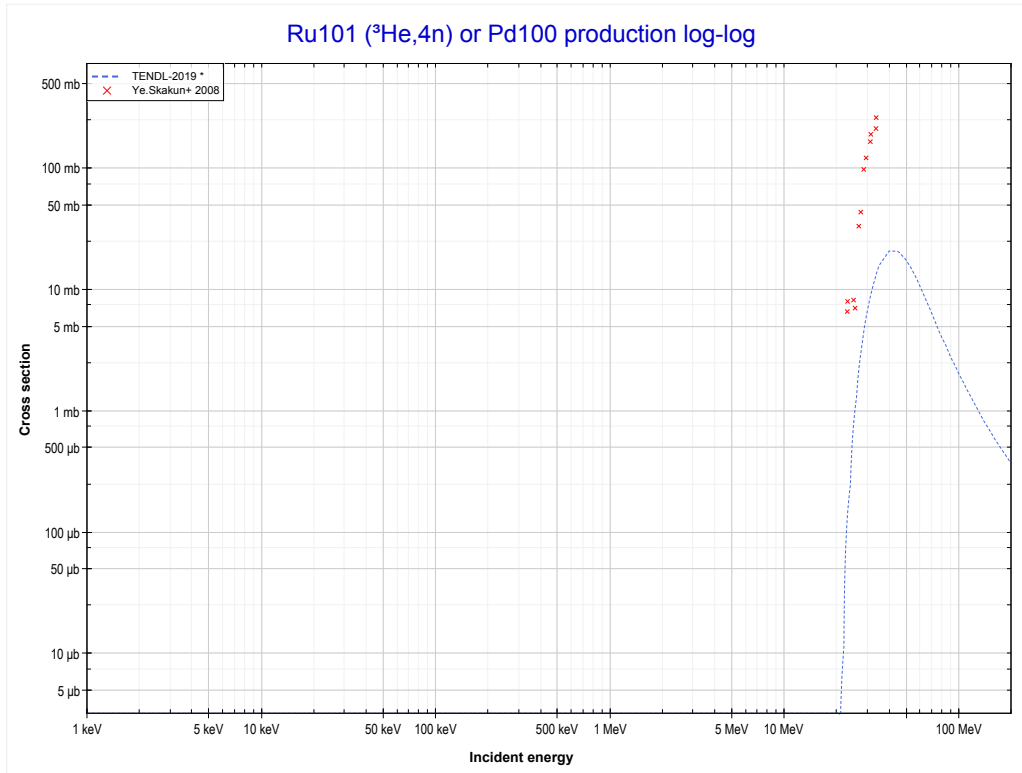
Reaction	Q-Value
Ru101(He3,3n+ α)Ru97	-13545.15 keV
Ru101(He3,n+2t)Ru97	-24877.22 keV
Ru101(He3,2n+d+t)Ru97	-31134.45 keV
Ru101(He3,3n+p+t)Ru97	-33359.01 keV
Ru101(He3,4n+He3)Ru97	-34122.77 keV
Ru101(He3,3n+2d)Ru97	-37391.68 keV
Ru101(He3,4n+p+d)Ru97	-39616.24 keV
Ru101(He3,5n+2p)Ru97	-41840.81 keV

<< 34-Se-77	44-Ru-101	62-Sm-147 >>
<< MT25 (³ He,3n+α)	MT28 (³He,n+p) or MT5 (Rh102 production)	MT37 (³ He,4n) >>



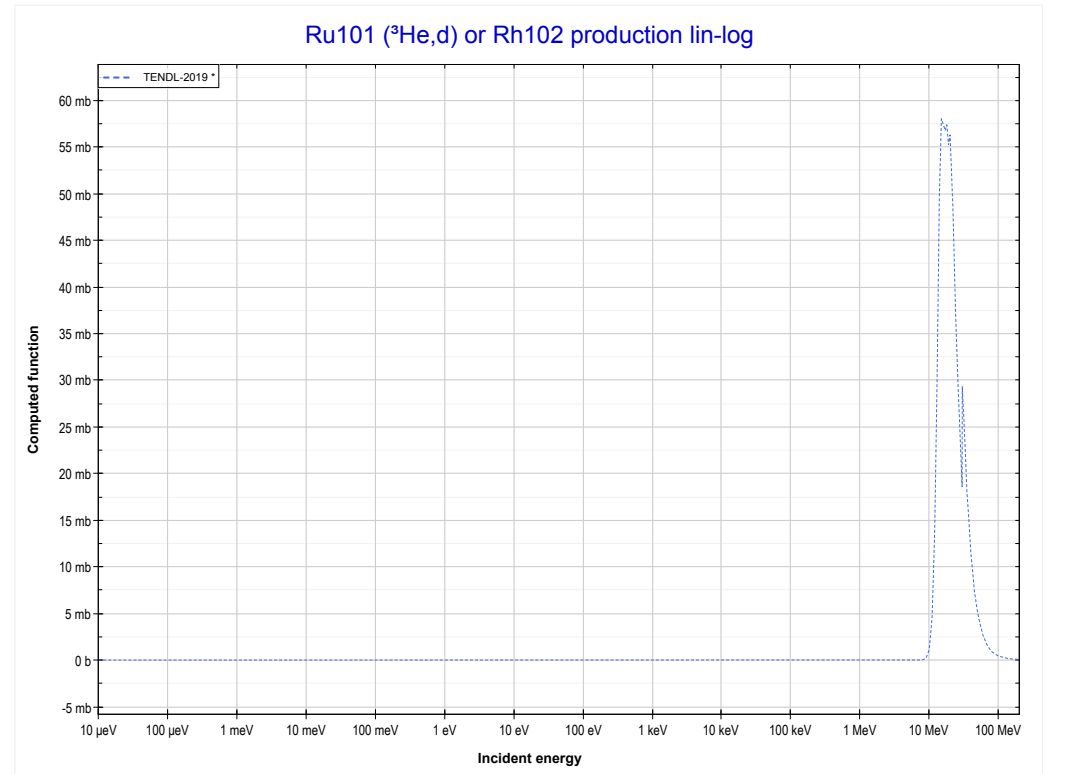
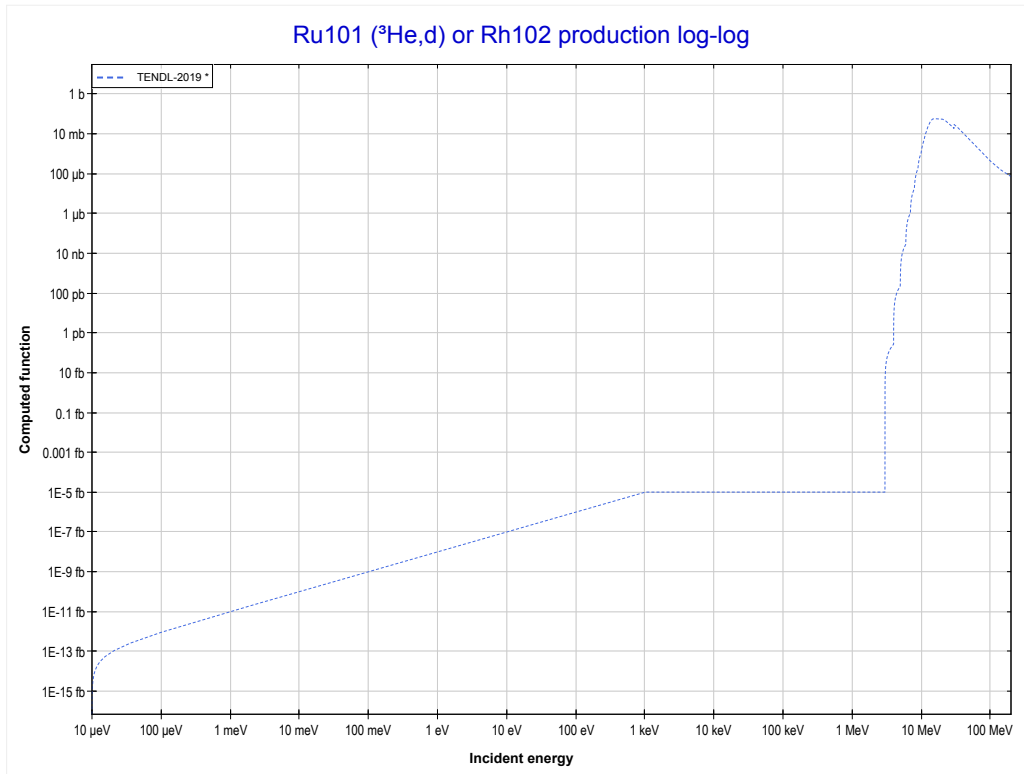
Reaction	Q-Value
Ru101(He3,d)Rh102	620.40 keV
Ru101(He3,n+p)Rh102	-1604.17 keV

<< 41-Nb-93	44-Ru-101	44-Ru-102 >>
<< MT28 (³ He,n+p)	MT37 (³He,4n) or MT5 (Pd100 production)	MT104 (³ He,d) >>



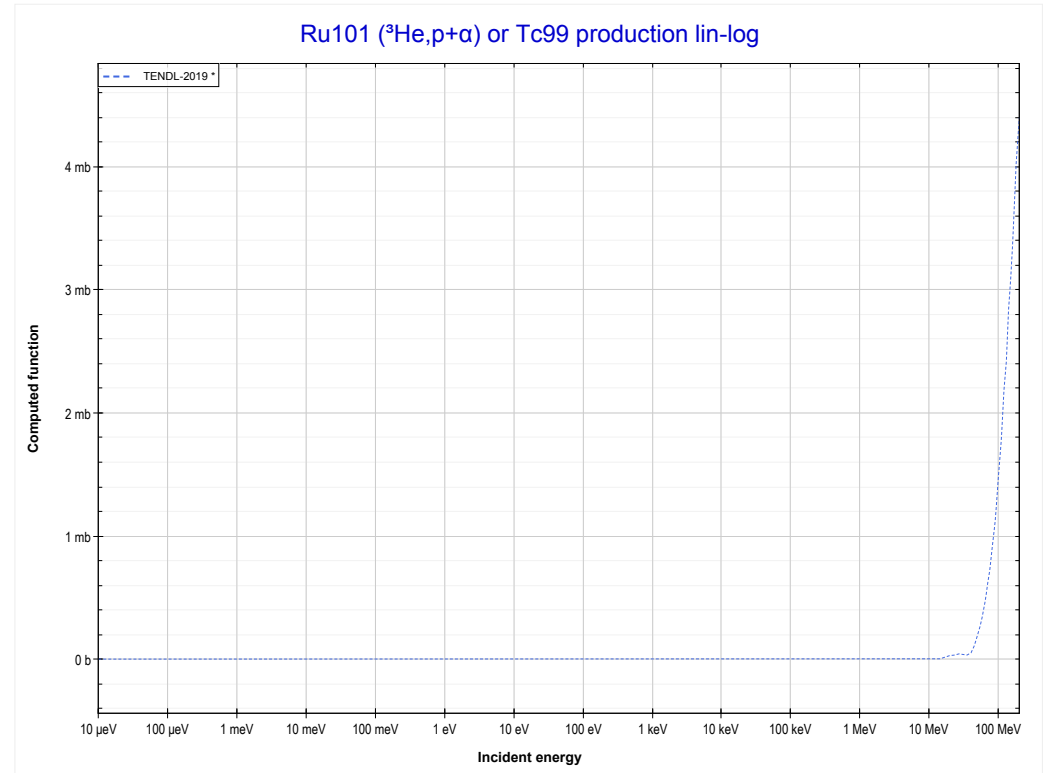
Reaction	Q-Value
Ru101(He3,4n)Pd100	-20099.15 keV

<< 30-Zn-66	44-Ru-101	62-Sm-147 >>
<< MT37 (³ He,4n)	MT104 (³He,d) or MT5 (Rh102 production)	MT112 (³ He,p+α) >>



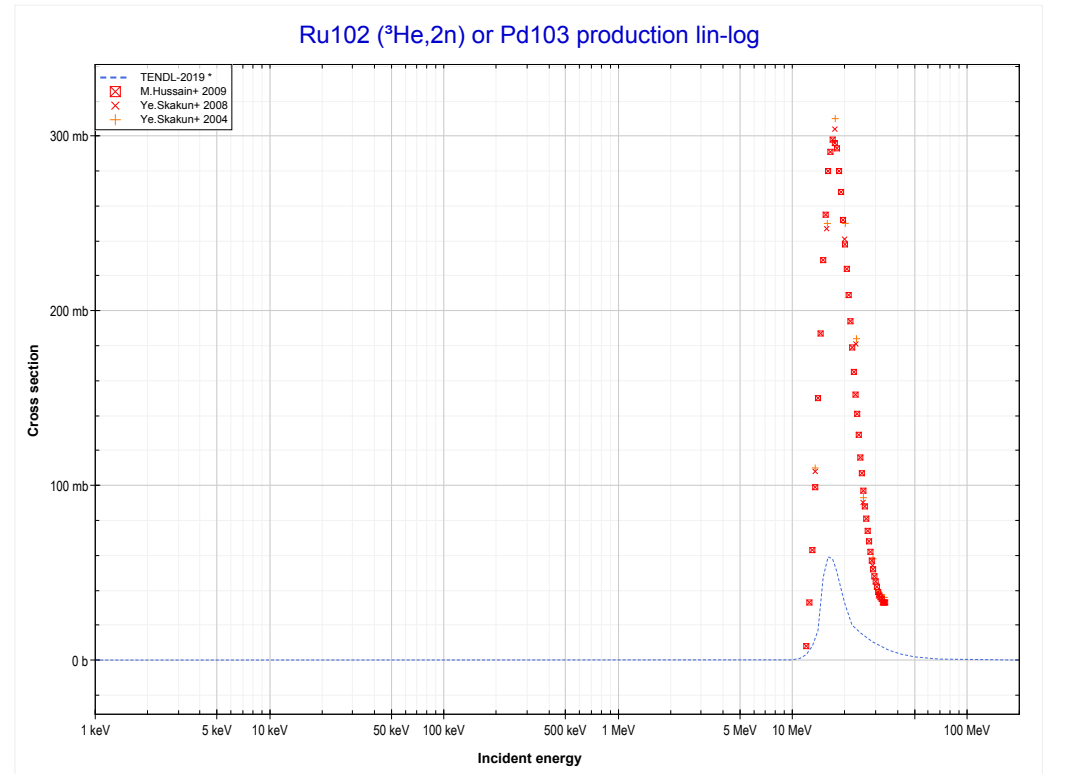
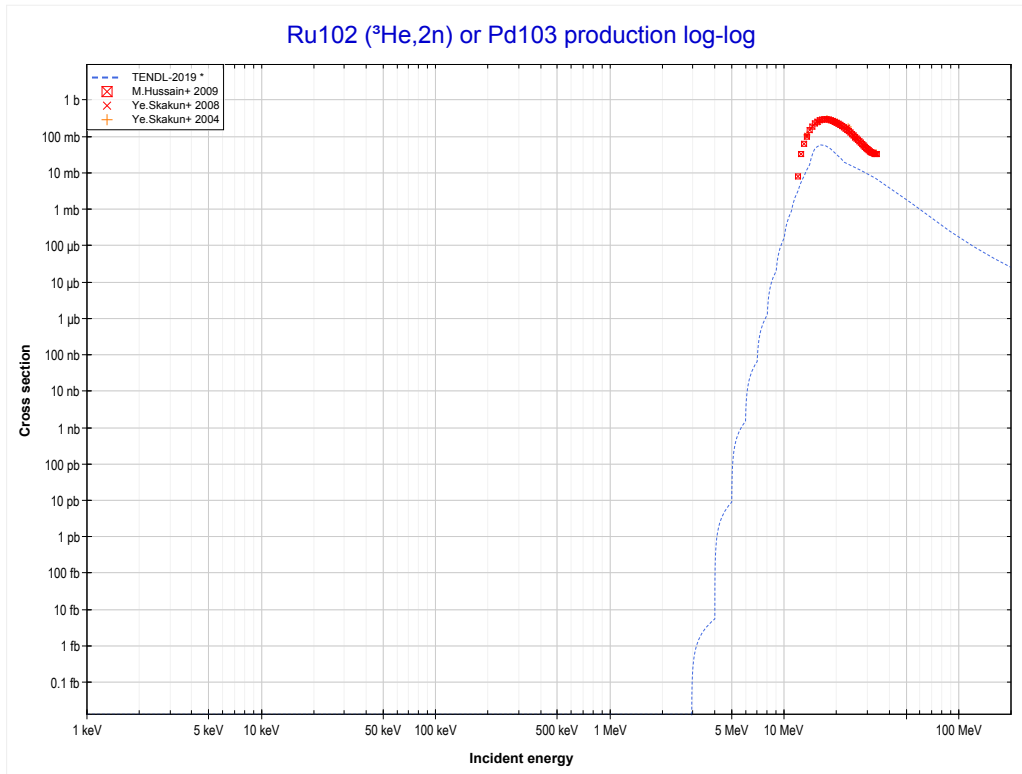
Reaction	Q-Value
Ru101(He3,d)Rh102	620.40 keV
Ru101(He3,n+p)Rh102	-1604.17 keV

<< 3-Li-6	44-Ru-101	
<< MT104 (³ He,d)	MT112 (³He,p+α) or MT5 (Tc99 production)	44-Ru-102 MT16 (³ He,2n) >>



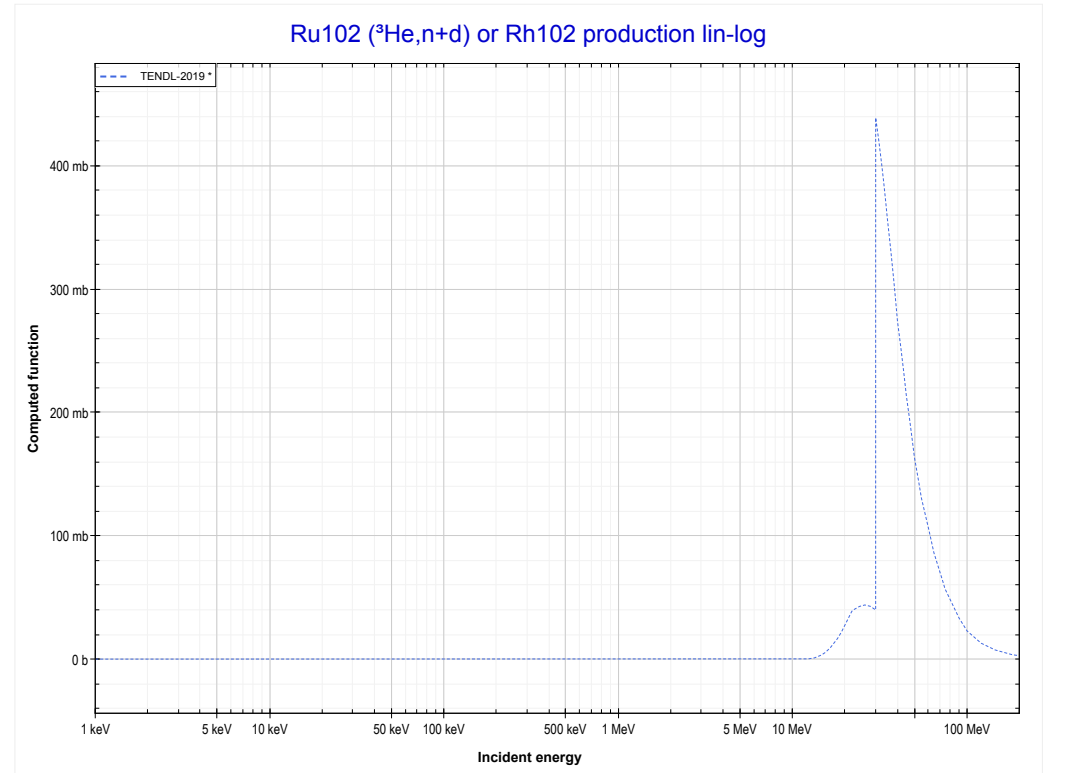
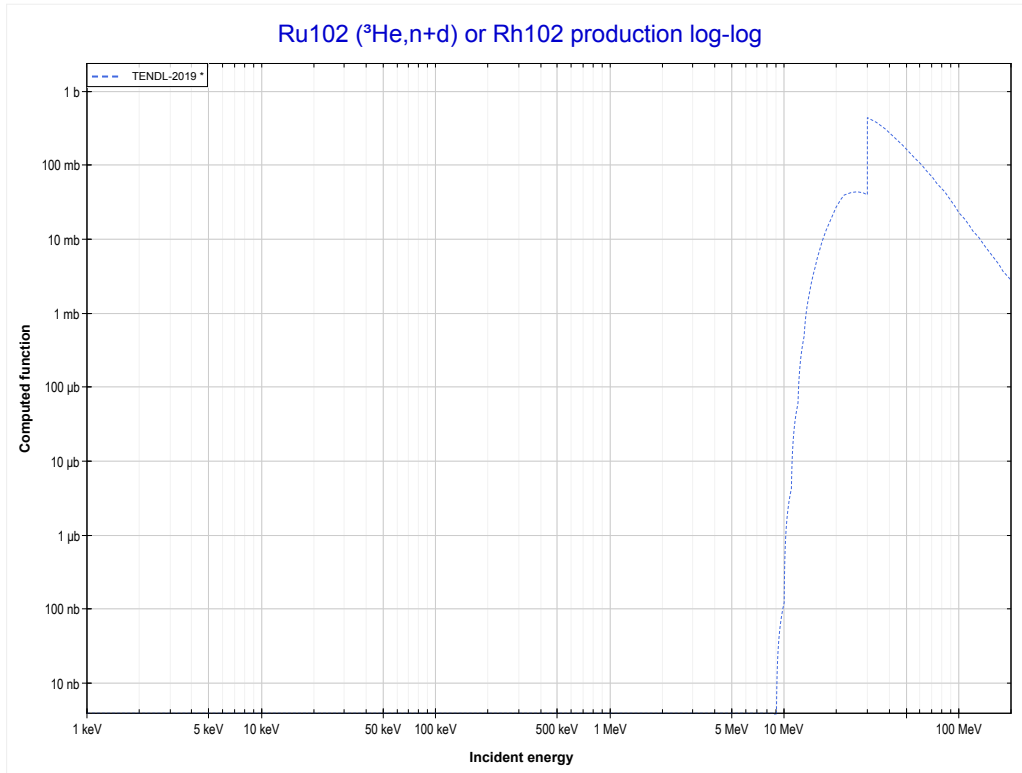
Reaction	Q-Value
Ru101(He3,p+α)Tc99	4587.13 keV
Ru101(He3,d+He3)Tc99	-13765.92 keV
Ru101(He3,2p+t)Tc99	-15226.73 keV
Ru101(He3,n+p+He3)Tc99	-15990.49 keV
Ru101(He3,p+2d)Tc99	-19259.40 keV
Ru101(He3,n+2p+d)Tc99	-21483.96 keV
Ru101(He3,2n+3p)Tc99	-23708.53 keV

<< 41-Nb-93	44-Ru-102	45-Rh-103 >>
<< 44-Ru-101 MT112 ($^3\text{He}, p+\alpha$)	MT16 ($^3\text{He}, 2n$) or MT5 (Pd103 production)	MT32 ($^3\text{He}, n+d$) >>



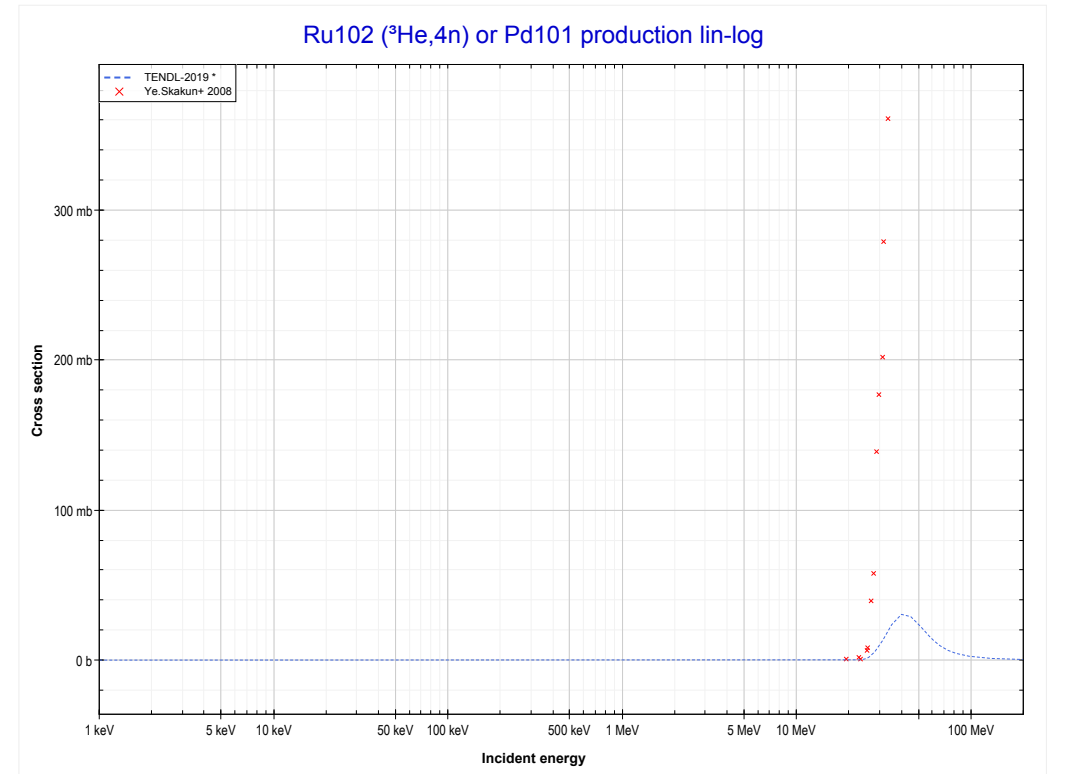
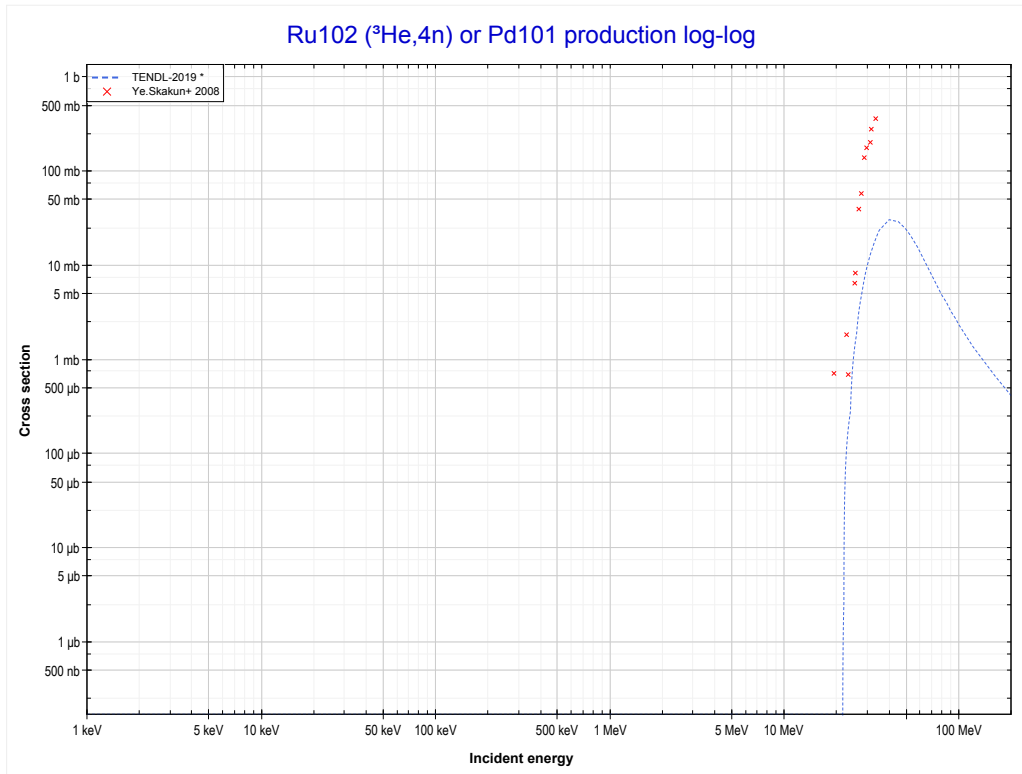
Reaction	Q-Value
Ru102(He3,2n)Pd103	-2860.62 keV

<< 30-Zn-68	44-Ru-102	62-Sm-147 >>
<< MT16 ($^3\text{He},2n$)	MT32 ($^3\text{He},n+d$) or MT5 (Rh102 production)	MT37 ($^3\text{He},4n$) >>



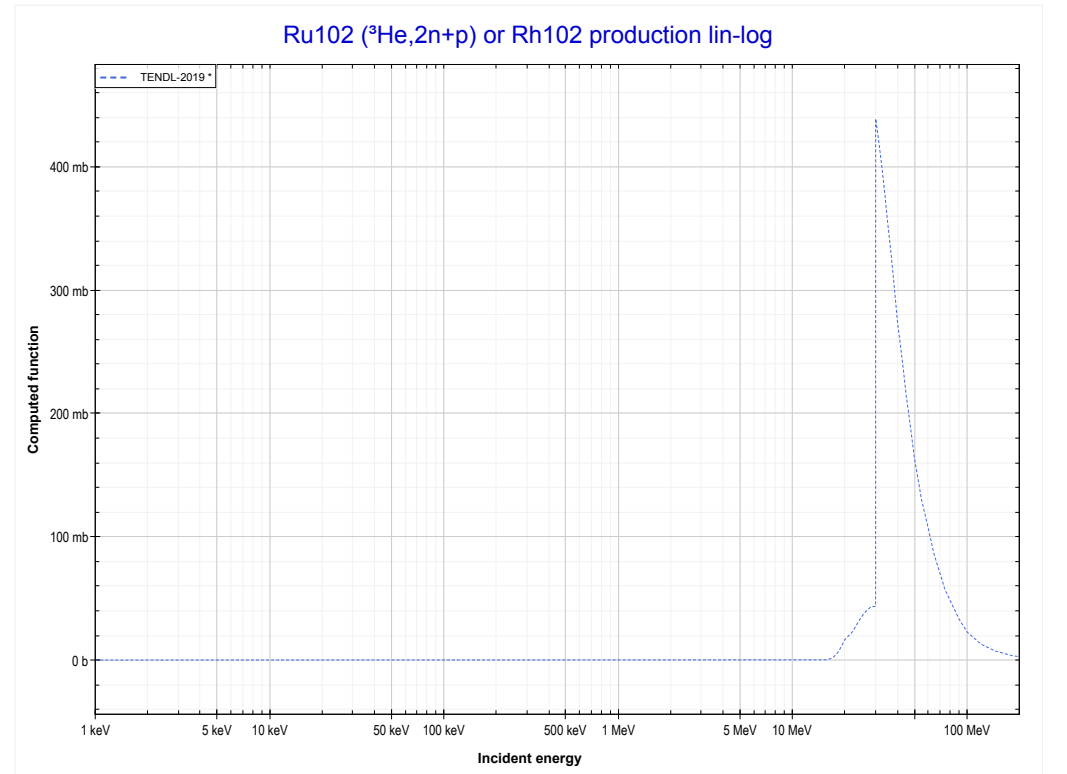
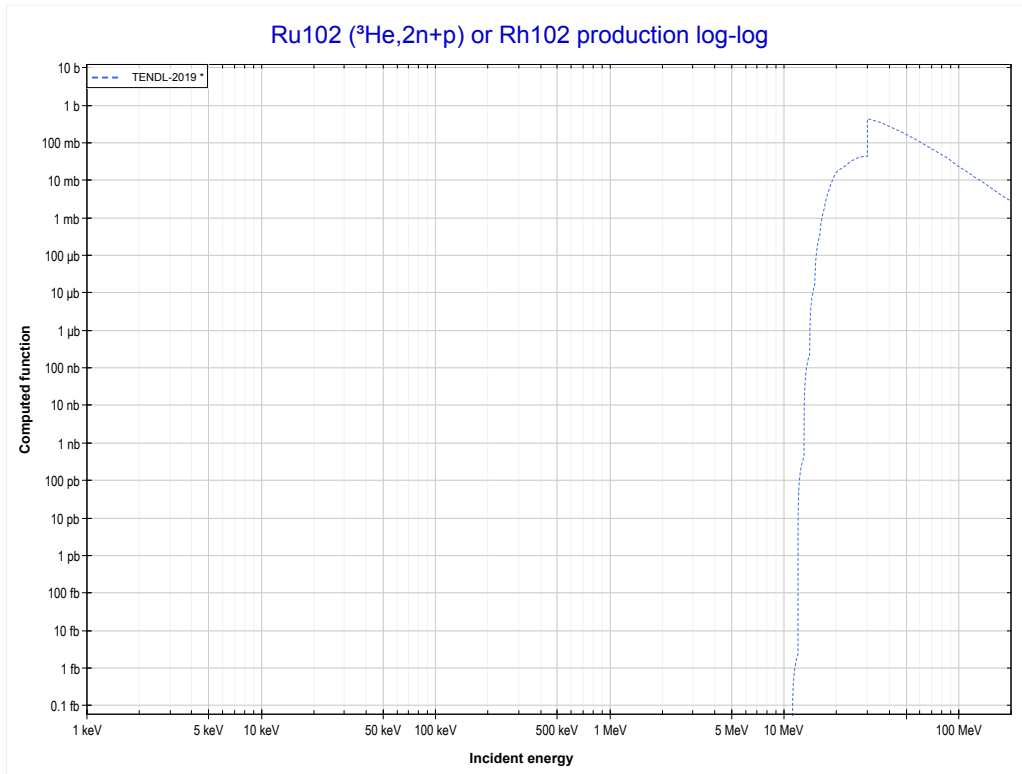
Reaction	Q-Value
Ru102(He3,t)Rh102	-2341.99 keV
Ru102(He3,n+d)Rh102	-8599.22 keV
Ru102(He3,2n+p)Rh102	-10823.79 keV

<< 44-Ru-101	44-Ru-102	47-Ag-107 >>
<< MT32 ($^3\text{He},n+d$)	MT37 ($^3\text{He},4n$) or MT5 (Pd101 production)	MT41 ($^3\text{He},2n+p$) >>



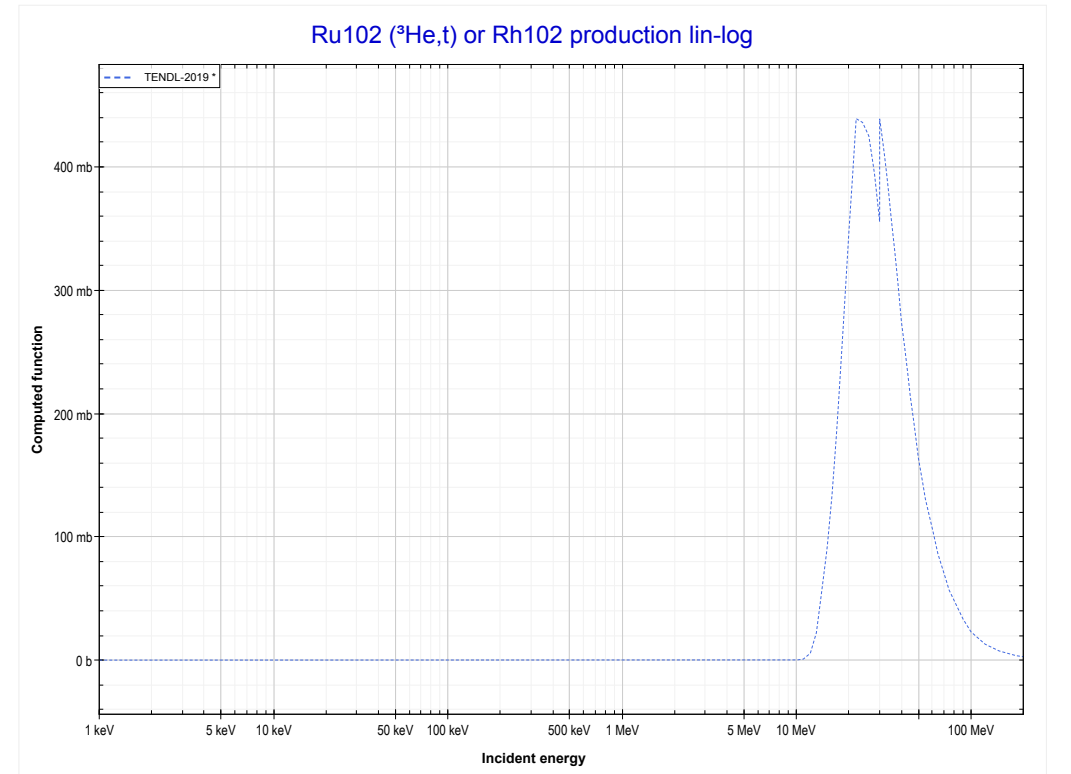
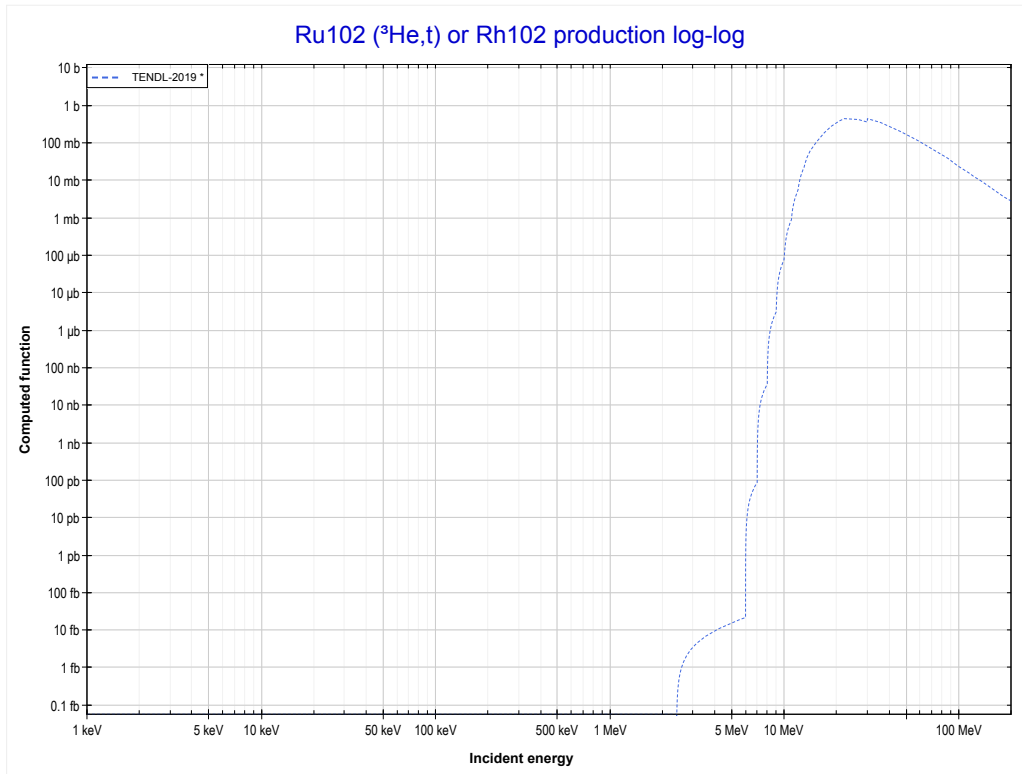
Reaction	Q-Value
Ru102(He3,4n)Pd101	-21028.45 keV

<< 34-Se-77	44-Ru-102	47-Ag-109 >>
<< MT37 (³ He,4n)	MT41 (³He,2n+p) or MT5 (Rh102 production)	MT105 (³ He,t) >>



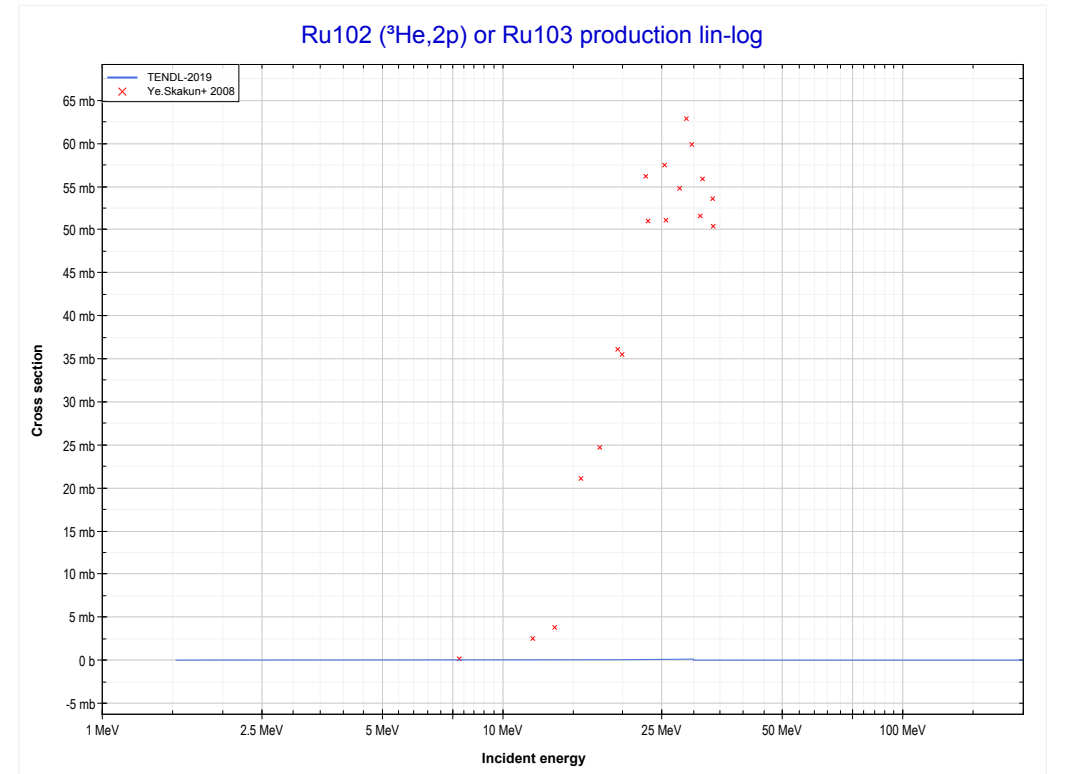
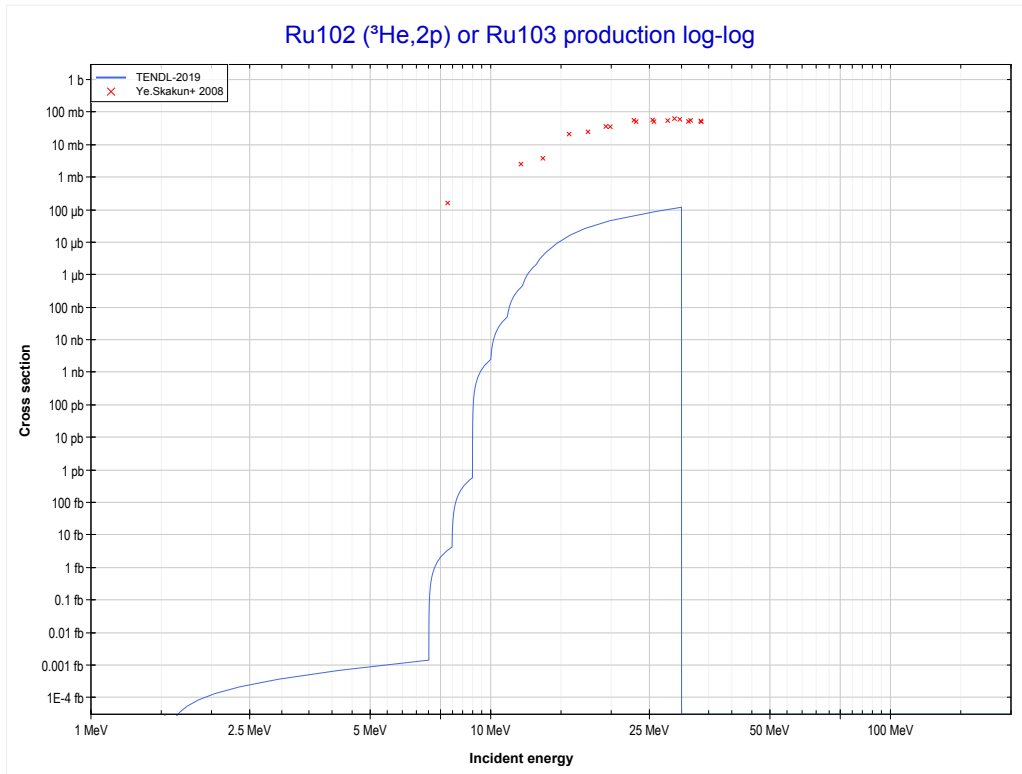
Reaction	Q-Value
Ru102(He3,t)Rh102	-2341.99 keV
Ru102(He3,n+d)Rh102	-8599.22 keV
Ru102(He3,2n+p)Rh102	-10823.79 keV

<< 30-Zn-68	44-Ru-102	62-Sm-147 >>
<< MT41 (³ He,2n+p)	MT105 (³He,t) or MT5 (Rh102 production)	MT111 (³ He,2p) >>



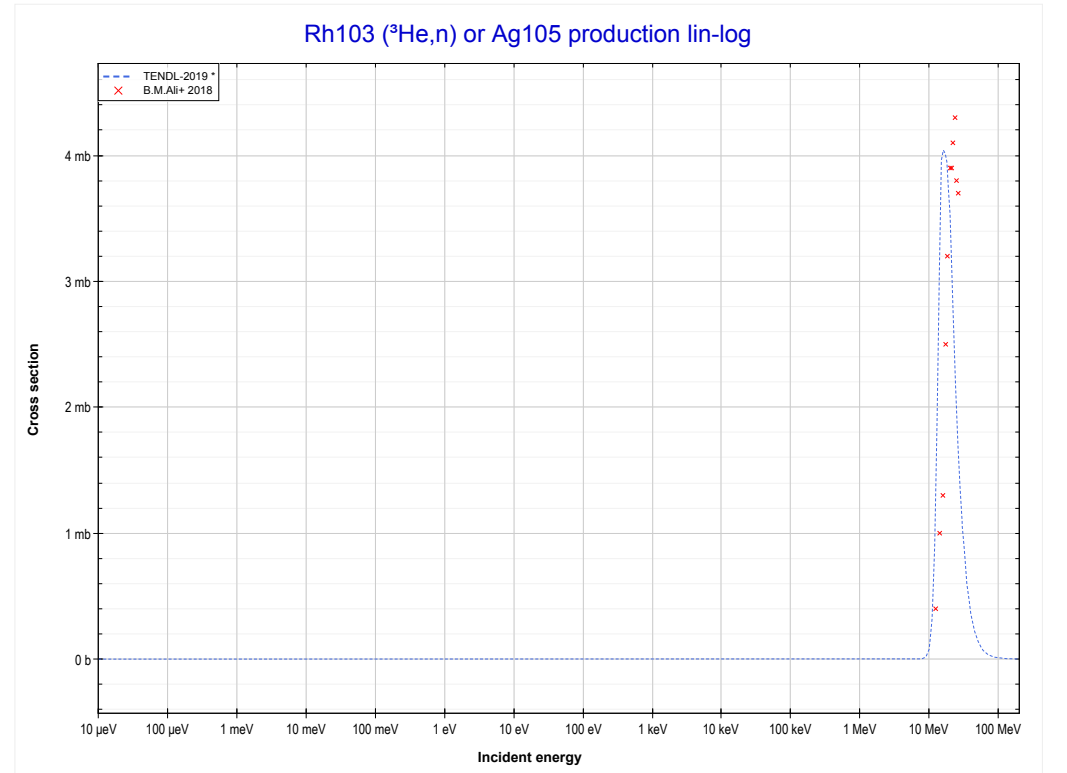
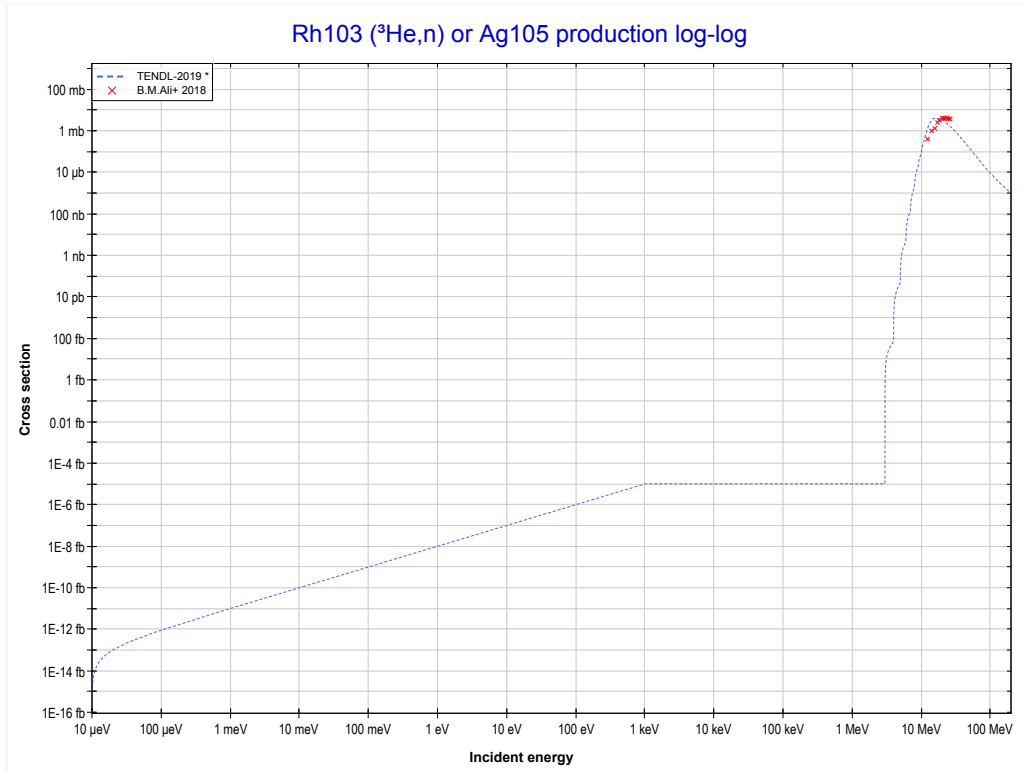
Reaction	Q-Value
Ru102(He3,t)Rh102	-2341.99 keV
Ru102(He3,n+d)Rh102	-8599.22 keV
Ru102(He3,2n+p)Rh102	-10823.79 keV

<< 31-Ga-71	44-Ru-102	74-W-186 >>
<< MT105 ($^3\text{He,t}$)	MT111 ($^3\text{He,2p}$) or MT5 (Ru103 production)	45-Rh-103 MT4 ($^3\text{He,n}$) >>



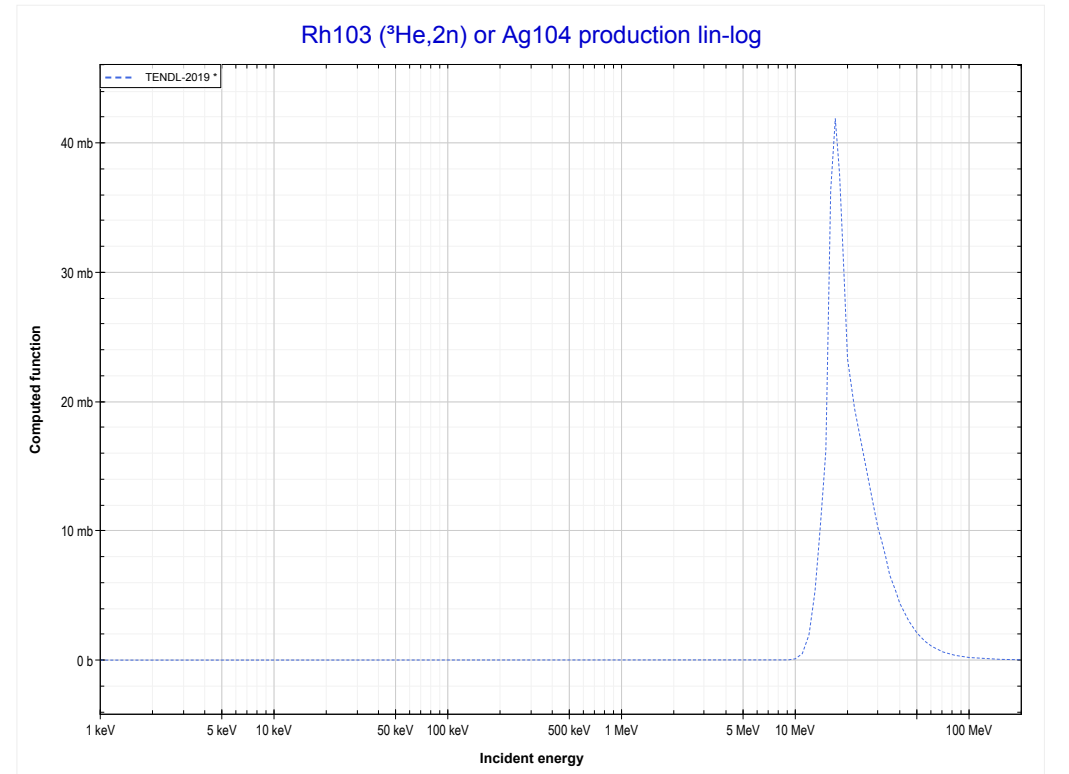
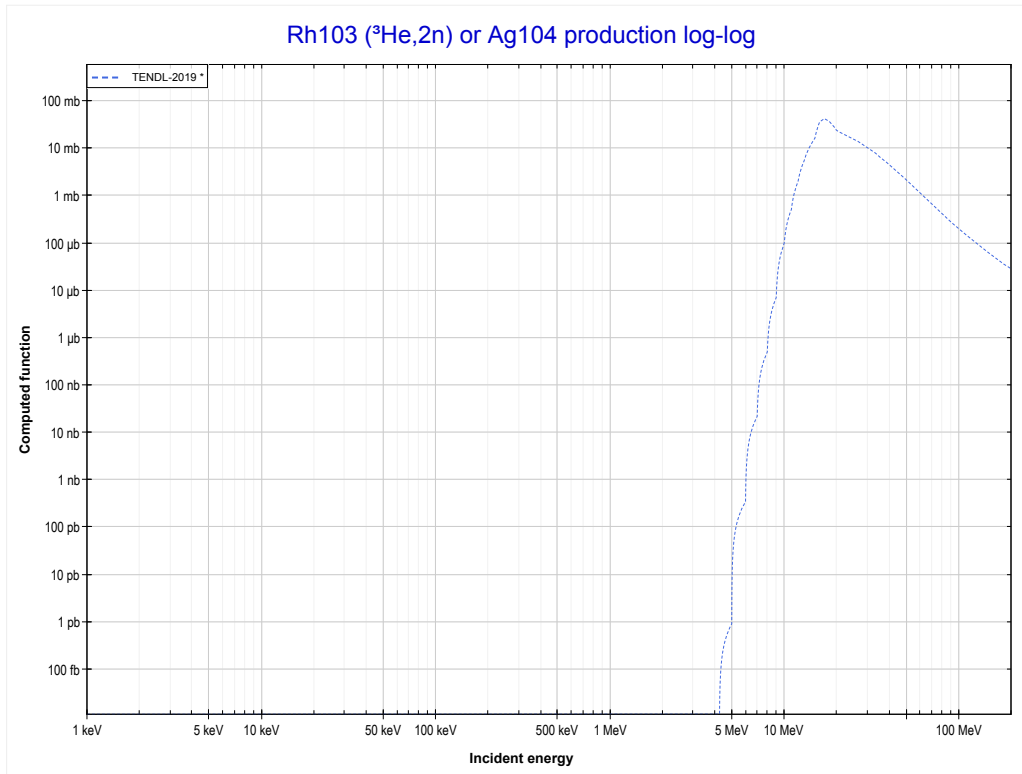
Reaction	Q-Value
Ru102($\text{He}3,2\text{p}$)Ru103	-1485.92 keV

<< 44-Ru-101	45-Rh-103	47-Ag-107 >>
<< 44-Ru-102 MT111 (³ He,2p)	MT4 (³He,n) or MT5 (Ag105 production)	MT16 (³ He,2n) >>



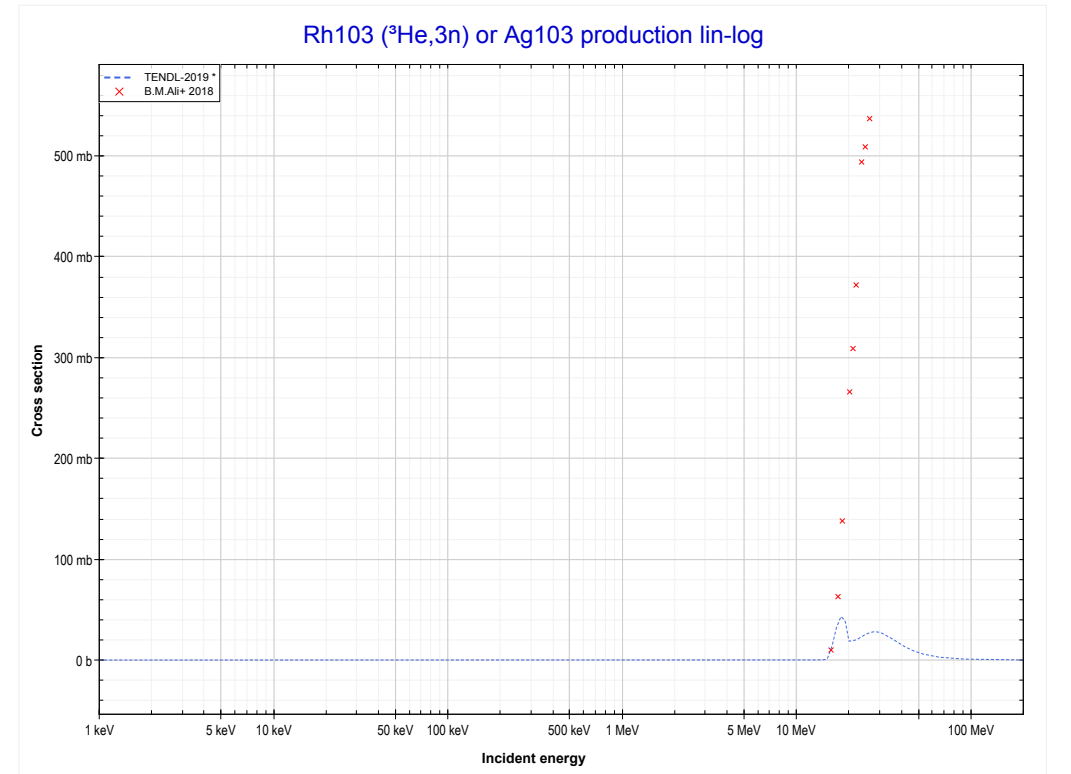
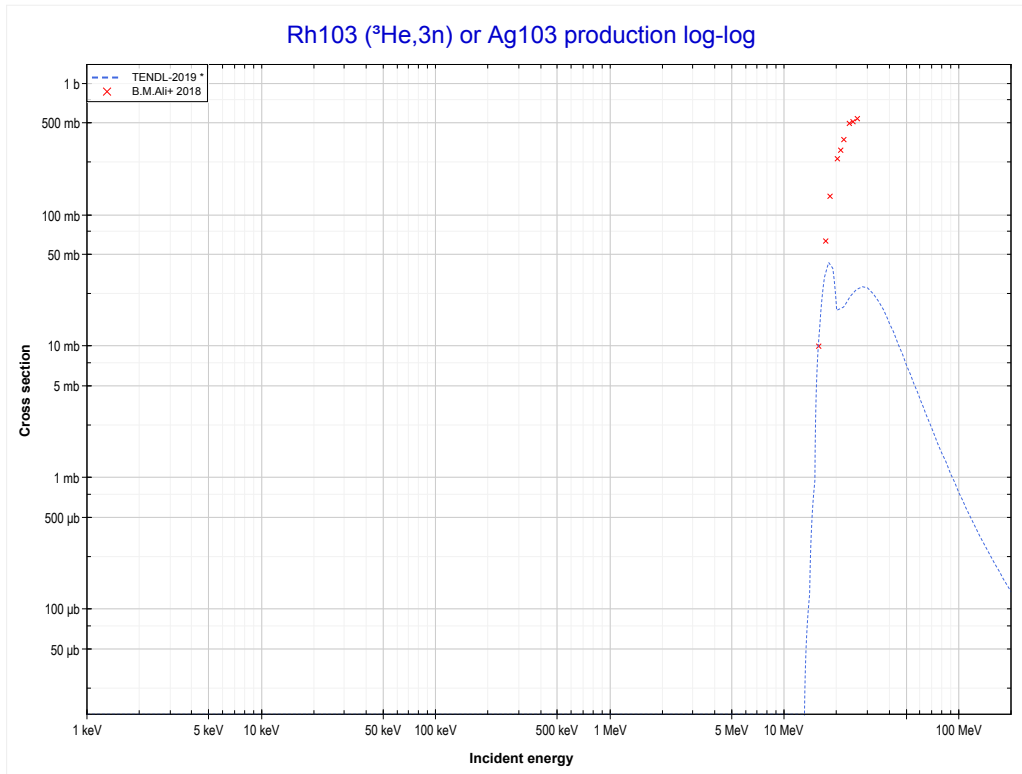
Reaction	Q-Value
Rh103(He3,n)Ag105	5899.20 keV

<< 44-Ru-102	45-Rh-103	47-Ag-107 >>
<< MT4 ($^3\text{He},n$)	MT16 ($^3\text{He},2n$) or MT5 (Ag104 production)	MT17 ($^3\text{He},3n$) >>



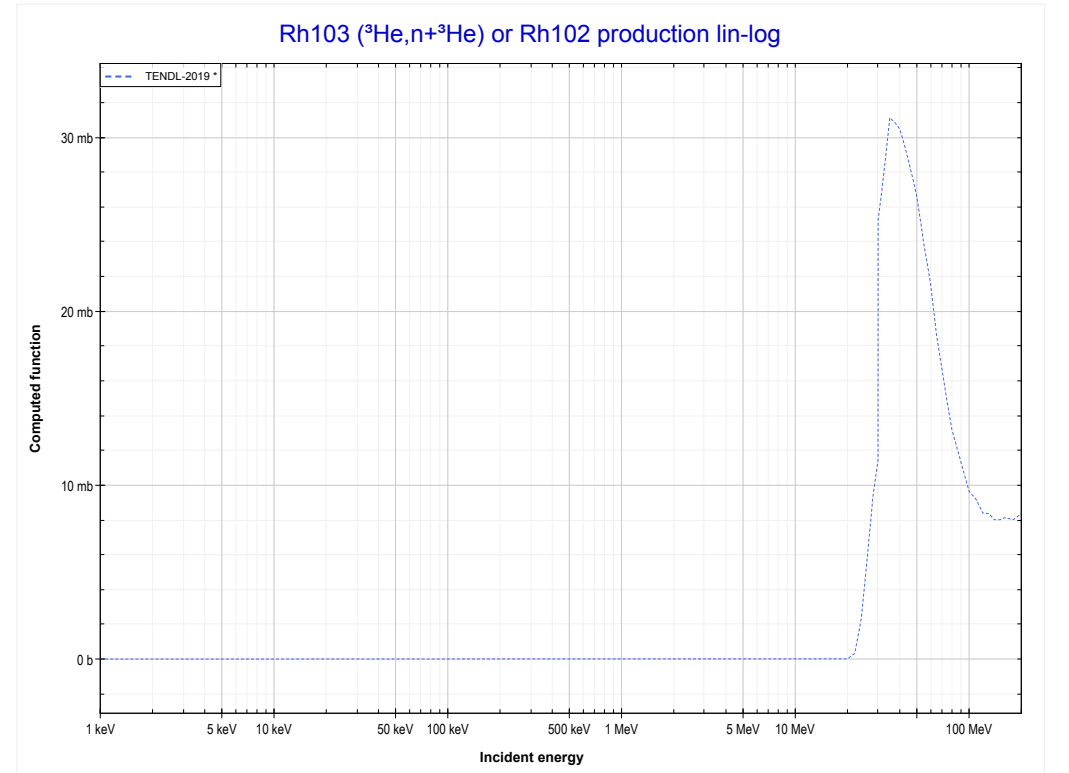
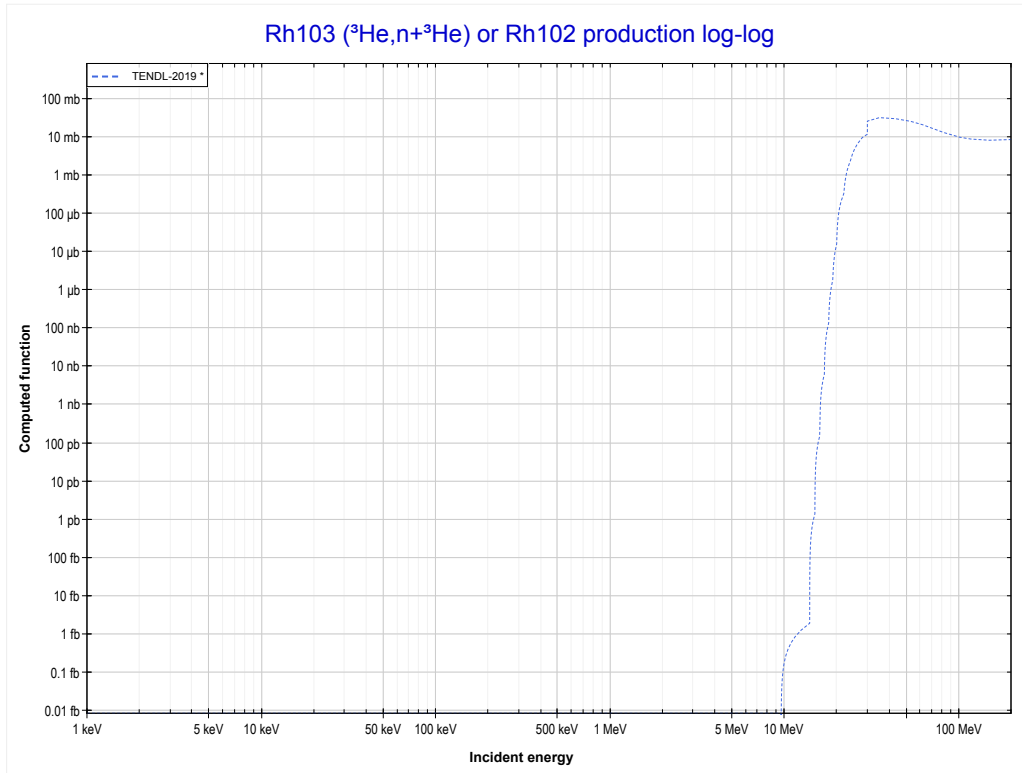
Reaction	Q-Value
Rh103($\text{He}3,2n$)Ag104	-4127.12 keV

<< 44-Ru-101	45-Rh-103	47-Ag-107 >>
<< MT16 ($^3\text{He},2n$)	MT17 ($^3\text{He},3n$) or MT5 (Ag103 production)	MT34 ($^3\text{He},n+^3\text{He}$) >>



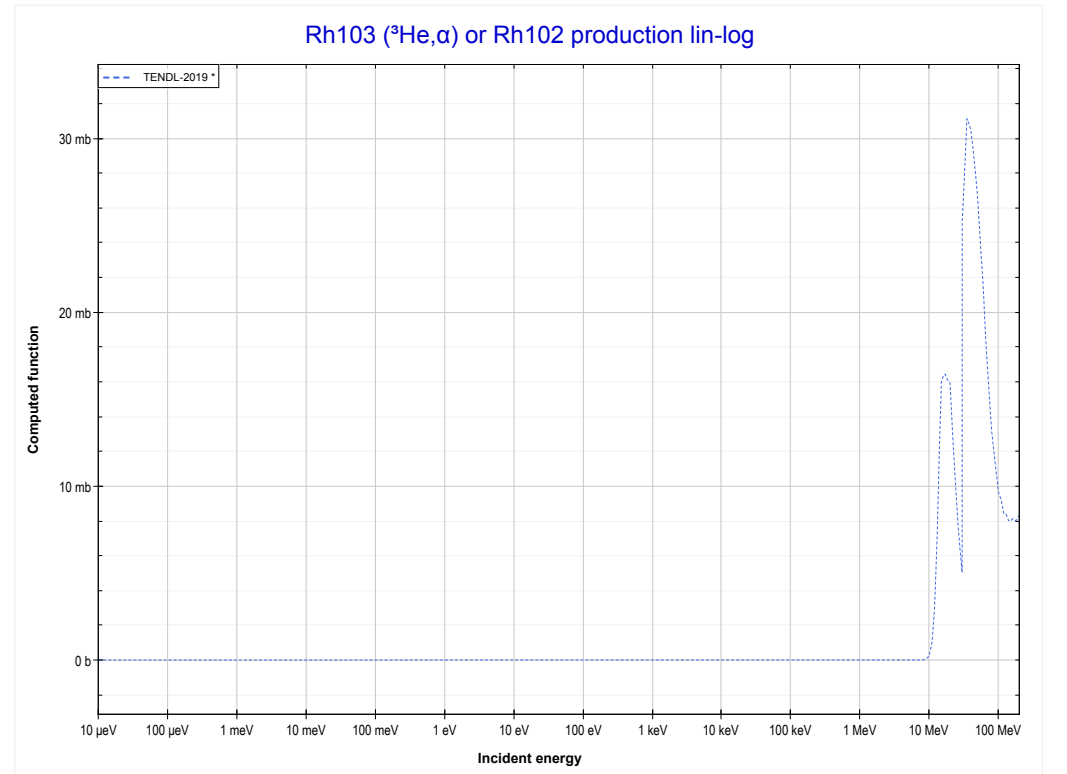
Reaction	Q-Value
Rh103($\text{He}3,3n$)Ag103	-12511.43 keV

<< 29-Cu-65	45-Rh-103	79-Au-197 >>
<< MT17 (³ He,3n)	MT34 (³He,n+³He) or MT5 (Rh102 production)	MT107 (³ He,α) >>



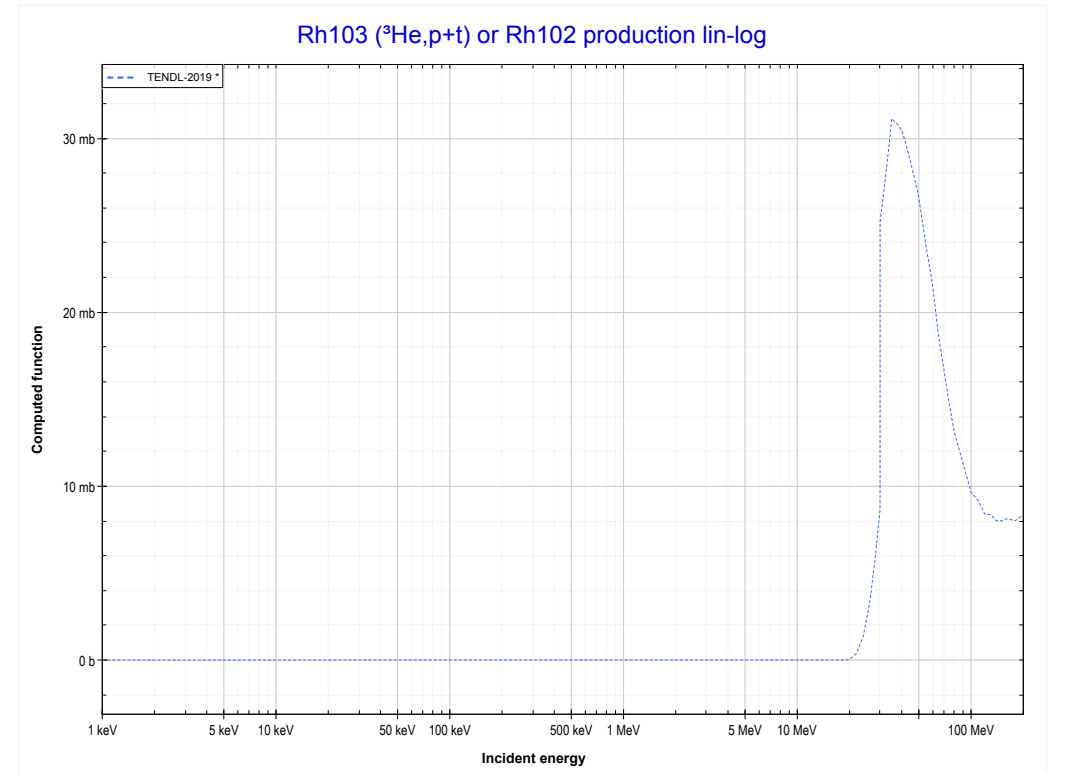
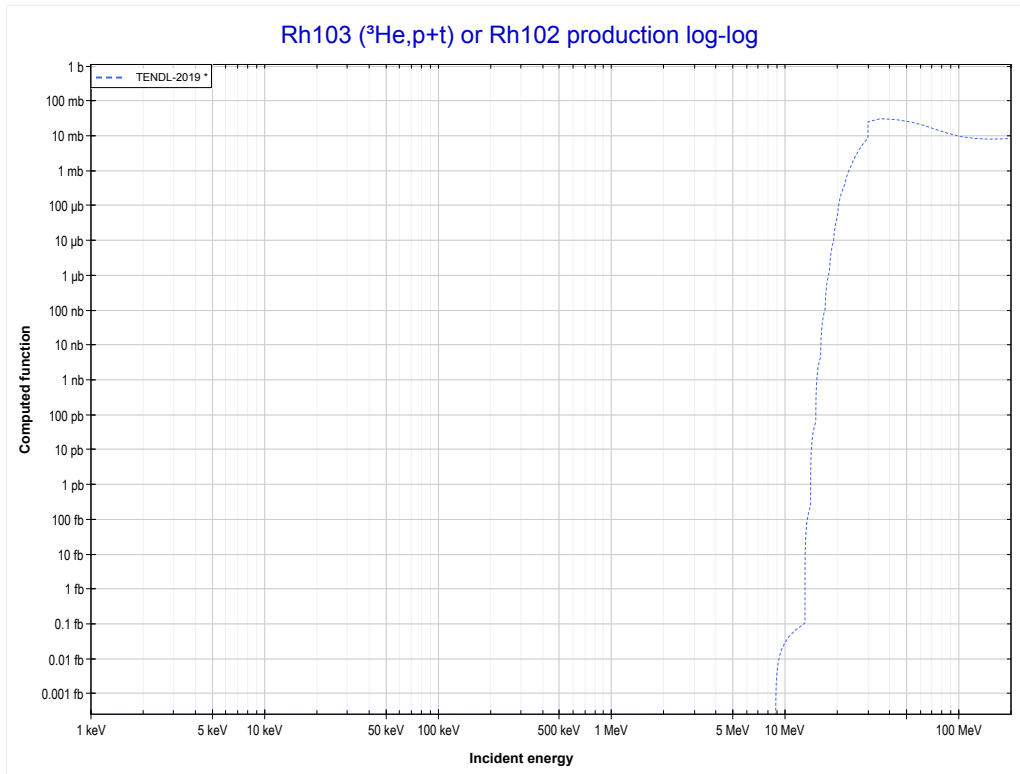
Reaction	Q-Value
Rh103(He3,α)Rh102	11257.60 keV
Rh103(He3,p+t)Rh102	-8556.26 keV
Rh103(He3,n+He3)Rh102	-9320.02 keV
Rh103(He3,2d)Rh102	-12588.93 keV
Rh103(He3,n+p+d)Rh102	-14813.49 keV
Rh103(He3,2n+2p)Rh102	-17038.06 keV

<< 34-Se-76	45-Rh-103	47-Ag-107 >>
<< MT34 ($^3\text{He},n+^3\text{He}$)	MT107 ($^3\text{He},\alpha$) or MT5 (Rh102 production)	MT116 ($^3\text{He},p+t$) >>



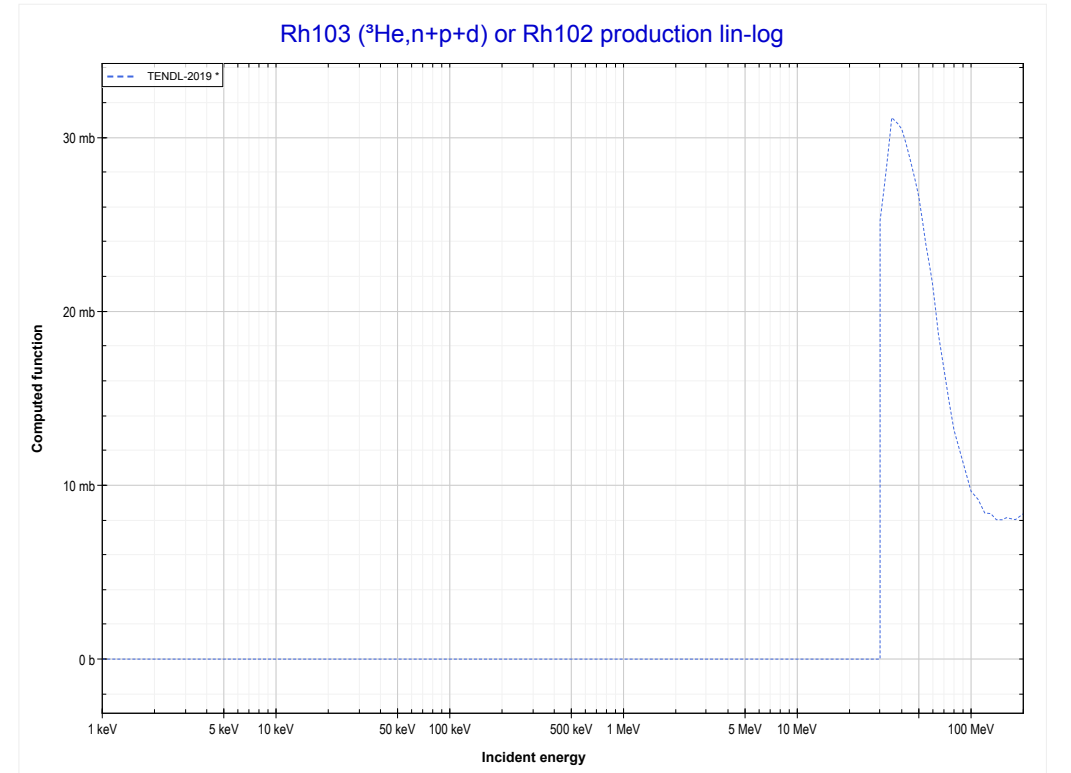
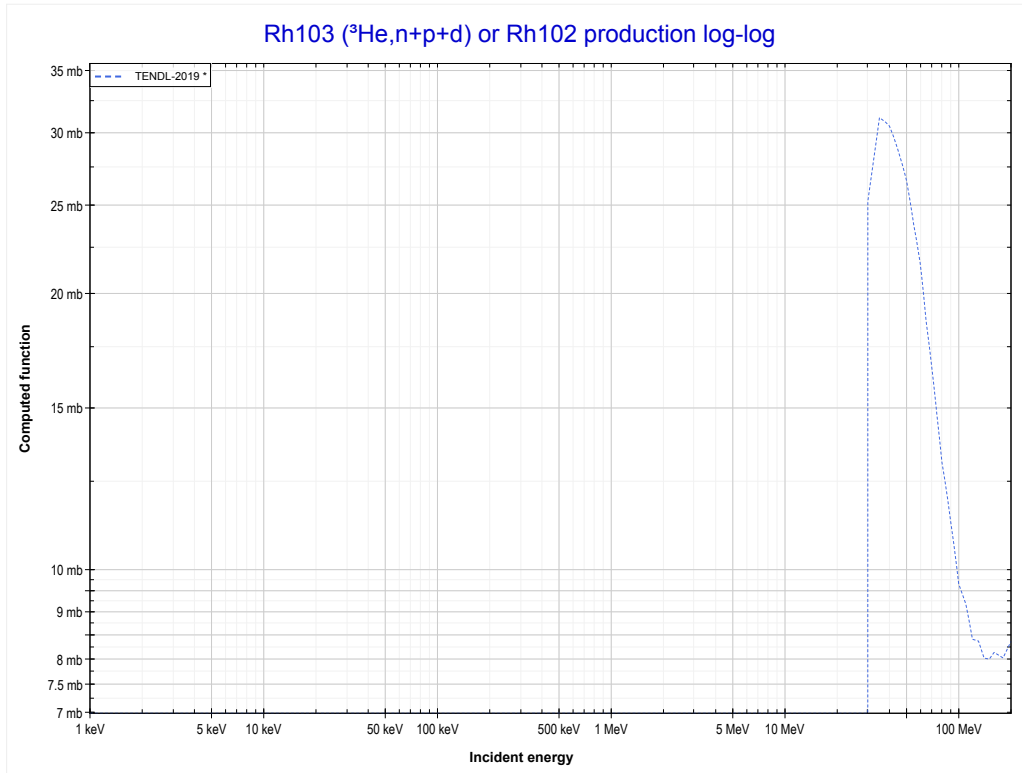
Reaction	Q-Value
Rh103(He3,α)Rh102	11257.60 keV
Rh103(He3,p+t)Rh102	-8556.26 keV
Rh103(He3,n+He3)Rh102	-9320.02 keV
Rh103(He3,2d)Rh102	-12588.93 keV
Rh103(He3,n+p+d)Rh102	-14813.49 keV
Rh103(He3,2n+2p)Rh102	-17038.06 keV

<< 29-Cu-65	45-Rh-103	79-Au-197 >>
<< MT107 ($^3\text{He},\alpha$)	MT116 ($^3\text{He},p+t$) or MT5 (Rh102 production)	MT183 ($^3\text{He},n+p+d$) >>



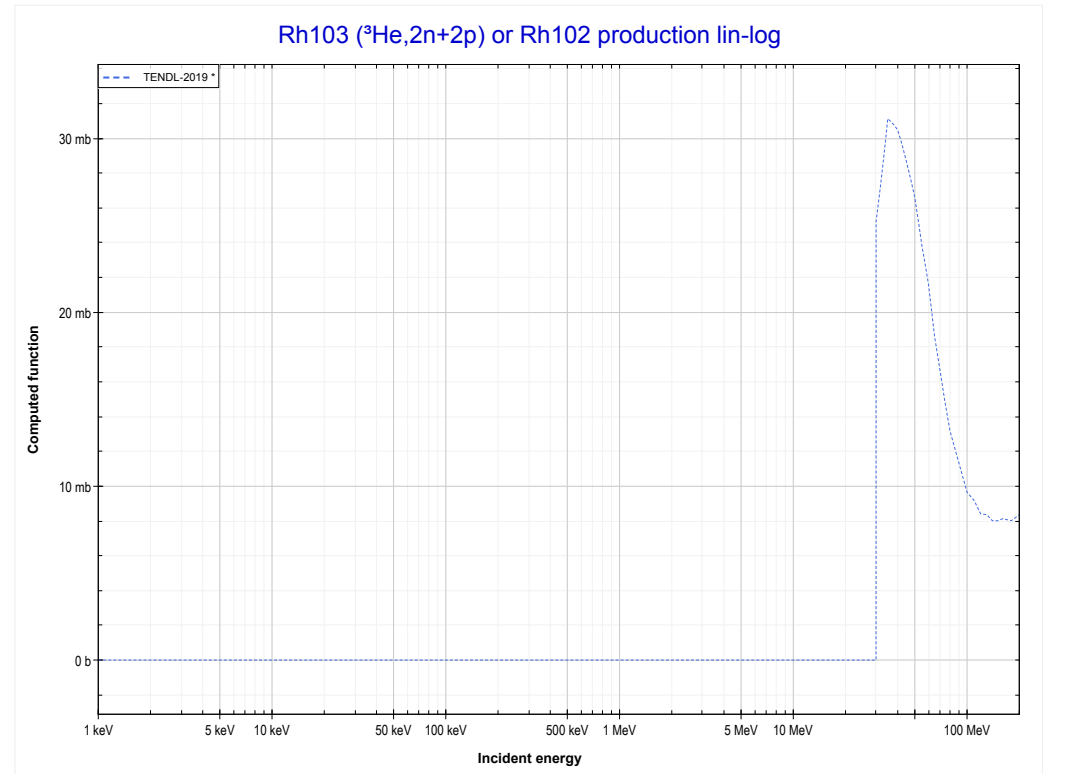
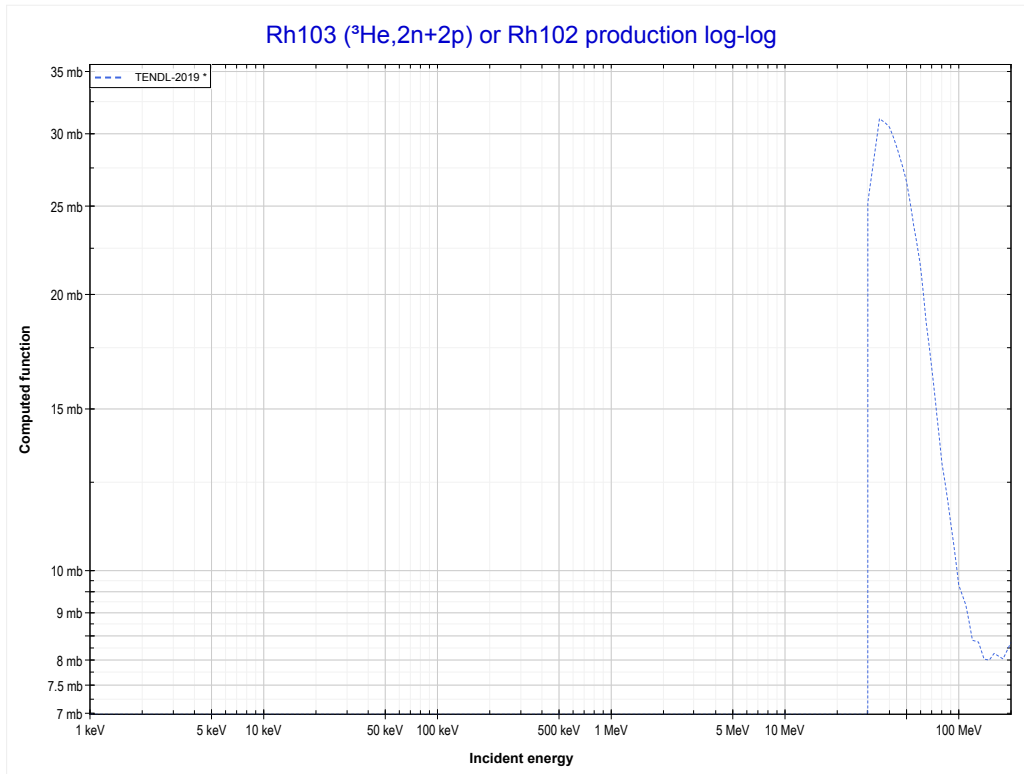
Reaction	Q-Value
Rh103($\text{He}3,\alpha$)Rh102	11257.60 keV
Rh103($\text{He}3,p+t$)Rh102	-8556.26 keV
Rh103($\text{He}3,n+\text{He}3$)Rh102	-9320.02 keV
Rh103($\text{He}3,2d$)Rh102	-12588.93 keV
Rh103($\text{He}3,n+p+d$)Rh102	-14813.49 keV
Rh103($\text{He}3,2n+2p$)Rh102	-17038.06 keV

<< 29-Cu-65	45-Rh-103	79-Au-197 >>
<< MT116 ($^3\text{He},p+t$)	MT183 ($^3\text{He},n+p+d$) or MT5 (Rh102 production)	MT190 ($^3\text{He},2n+2p$) >>



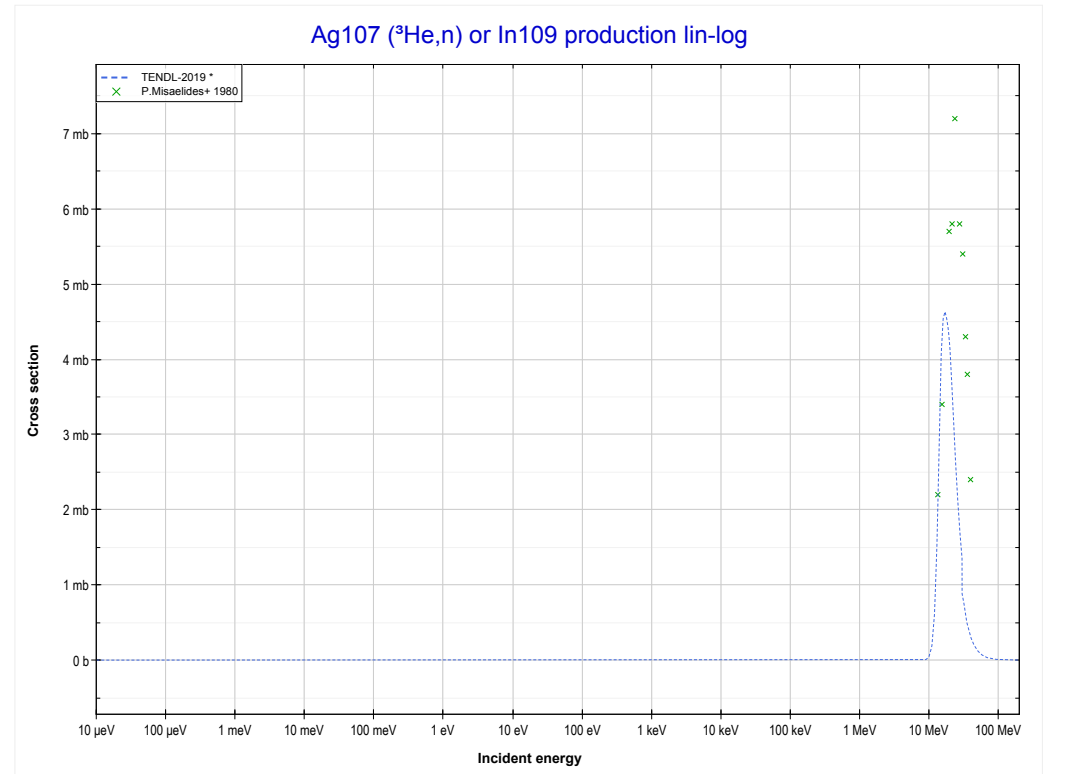
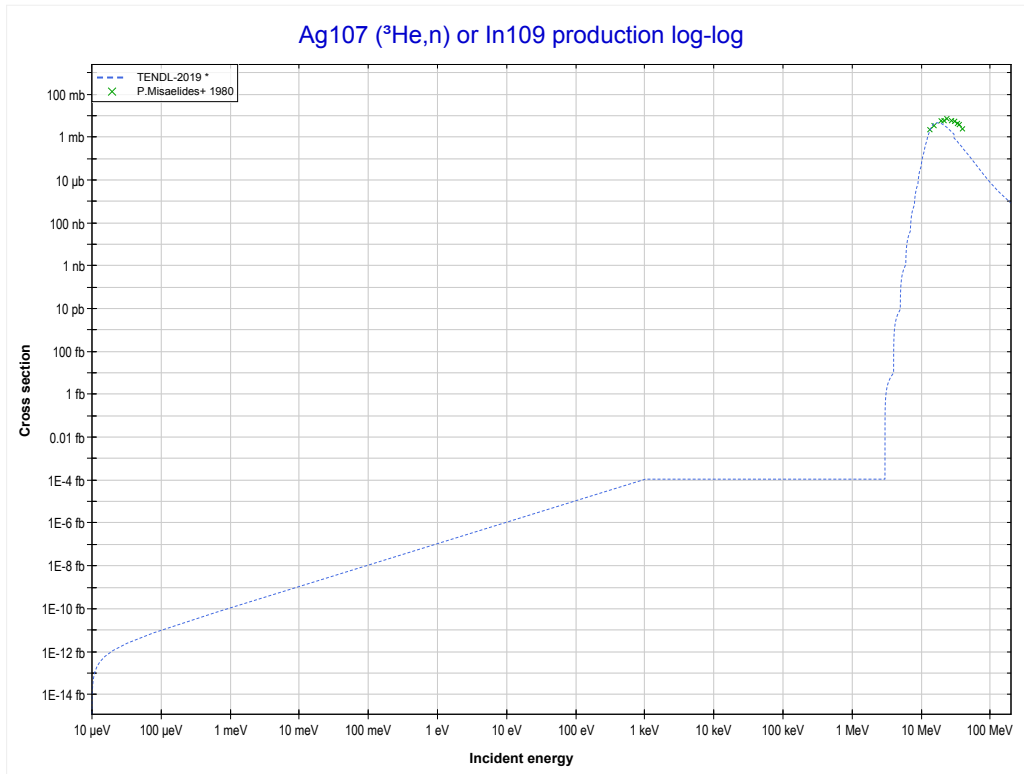
Reaction	Q-Value
Rh103(He3, α)Rh102	11257.60 keV
Rh103(He3, $p+t$)Rh102	-8556.26 keV
Rh103(He3, $n+\text{He3}$)Rh102	-9320.02 keV
Rh103(He3, $2d$)Rh102	-12588.93 keV
Rh103(He3, $n+p+d$)Rh102	-14813.49 keV
Rh103(He3, $2n+2p$)Rh102	-17038.06 keV

<< 29-Cu-65	45-Rh-103	79-Au-197 >>
<< MT183 (³ He,n+p+d)	MT190 (³He,2n+2p) or MT5 (Rh102 production)	47-Ag-107 MT4 (³ He,n) >>



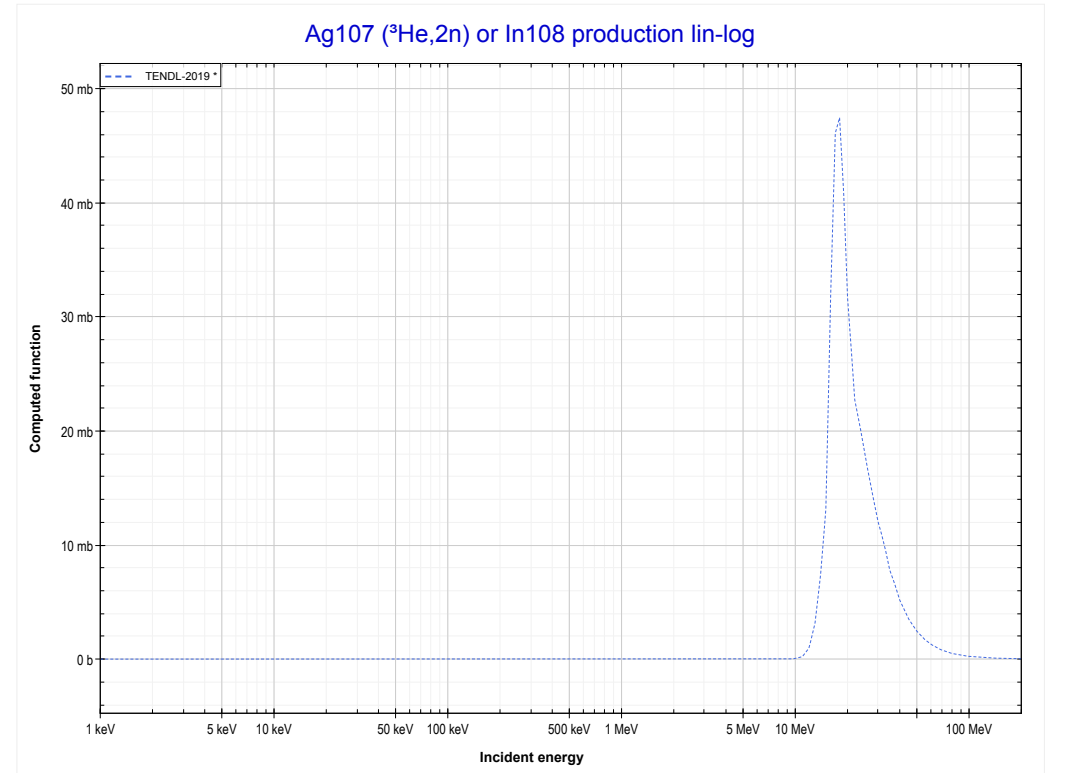
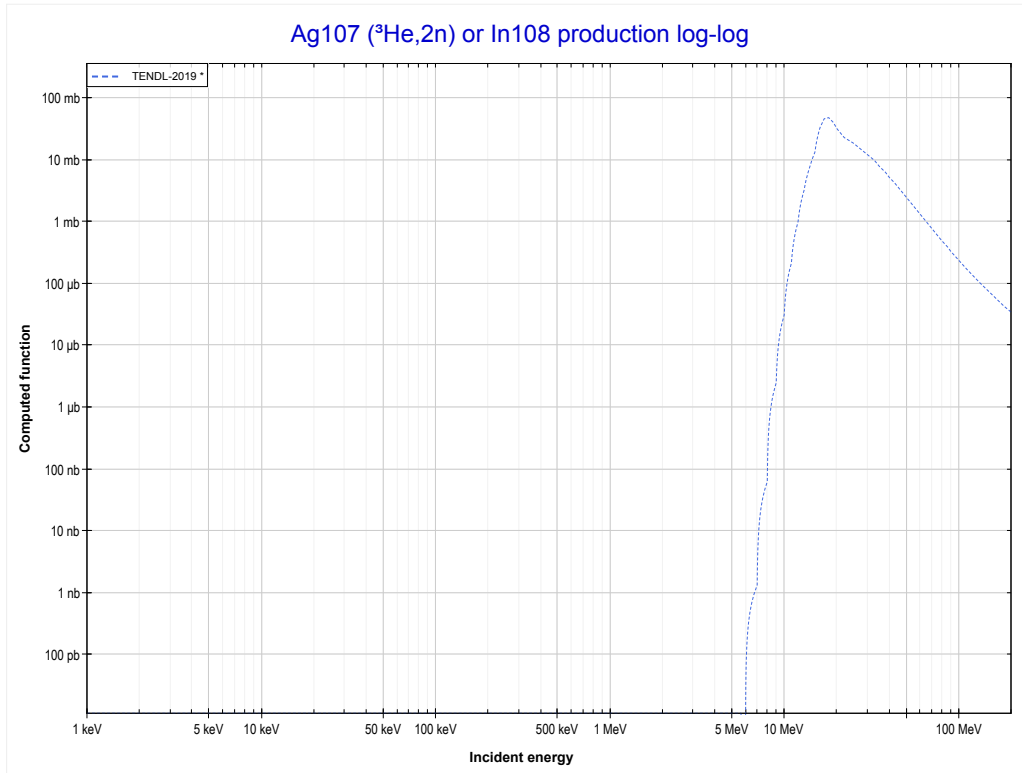
Reaction	Q-Value
Rh103(He3, α)Rh102	11257.60 keV
Rh103(He3,p+t)Rh102	-8556.26 keV
Rh103(He3,n+He3)Rh102	-9320.02 keV
Rh103(He3,2d)Rh102	-12588.93 keV
Rh103(He3,n+p+d)Rh102	-14813.49 keV
Rh103(He3,2n+2p)Rh102	-17038.06 keV

<< 45-Rh-103	47-Ag-107	47-Ag-109 >>
<< 45-Rh-103 MT190 ($^3\text{He},2n+2p$)	MT4 ($^3\text{He},n$) or MT5 (In109 production)	MT16 ($^3\text{He},2n$) >>



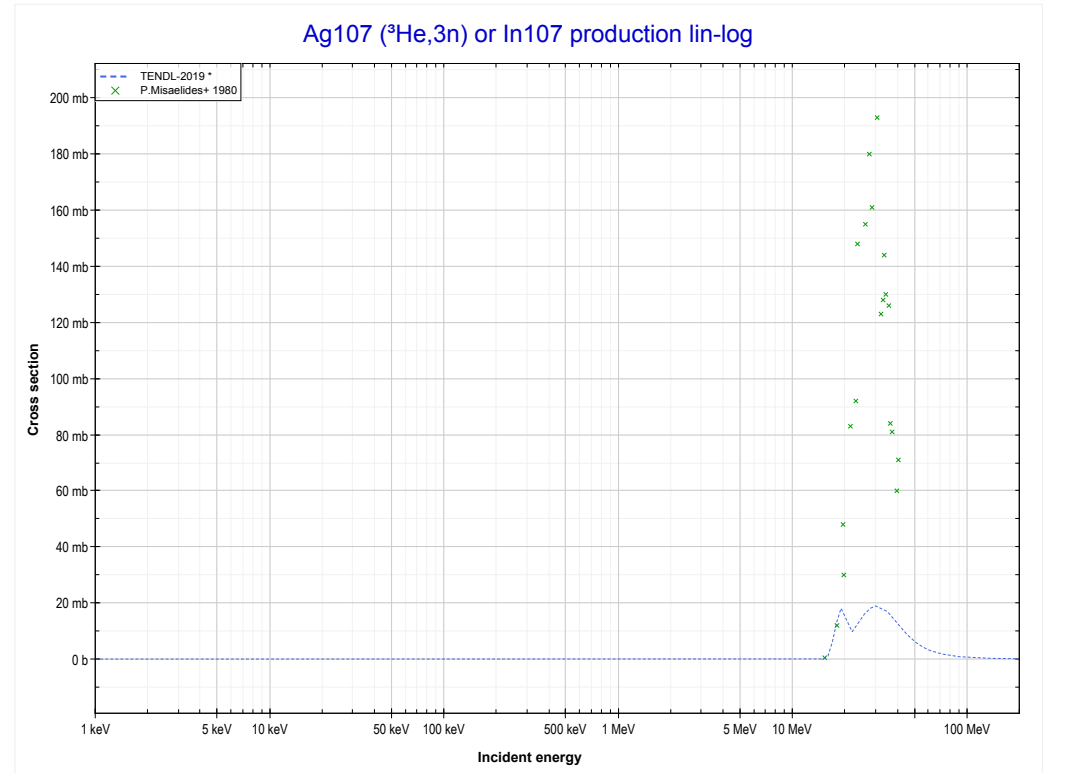
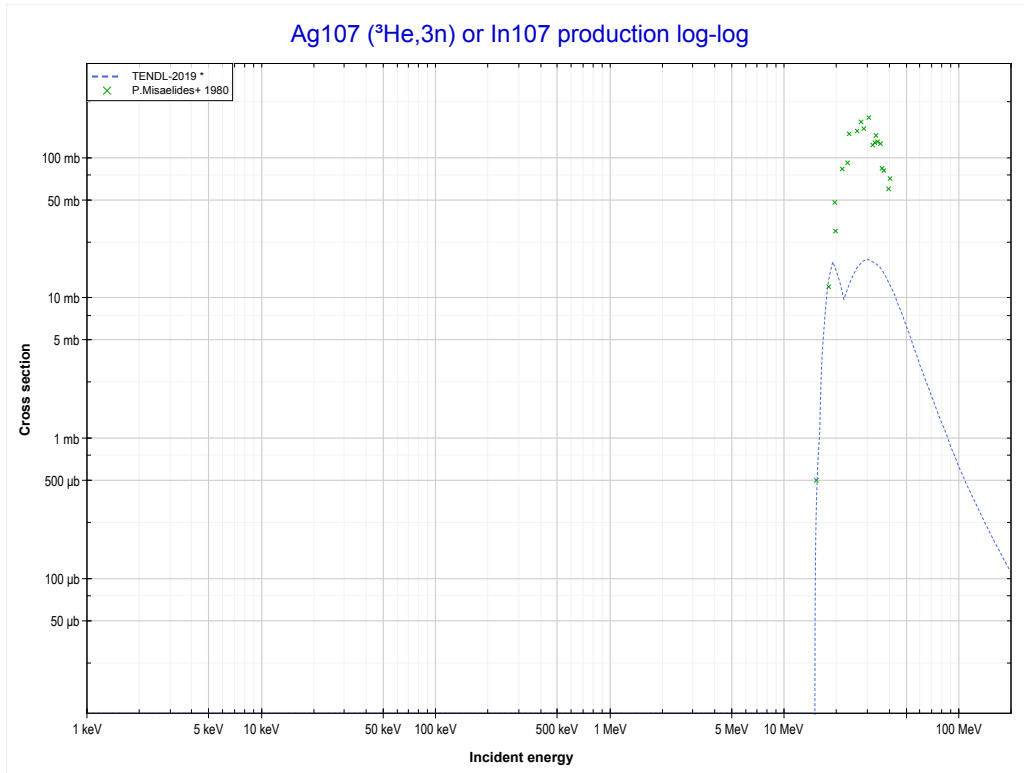
Reaction	Q-Value
Ag107(He3,n)In109	4943.20 keV

<< 45-Rh-103	47-Ag-107	47-Ag-109 >>
<< MT4 (³ He,n)	MT16 (³He,2n) or MT5 (In108 production)	MT17 (³ He,3n) >>



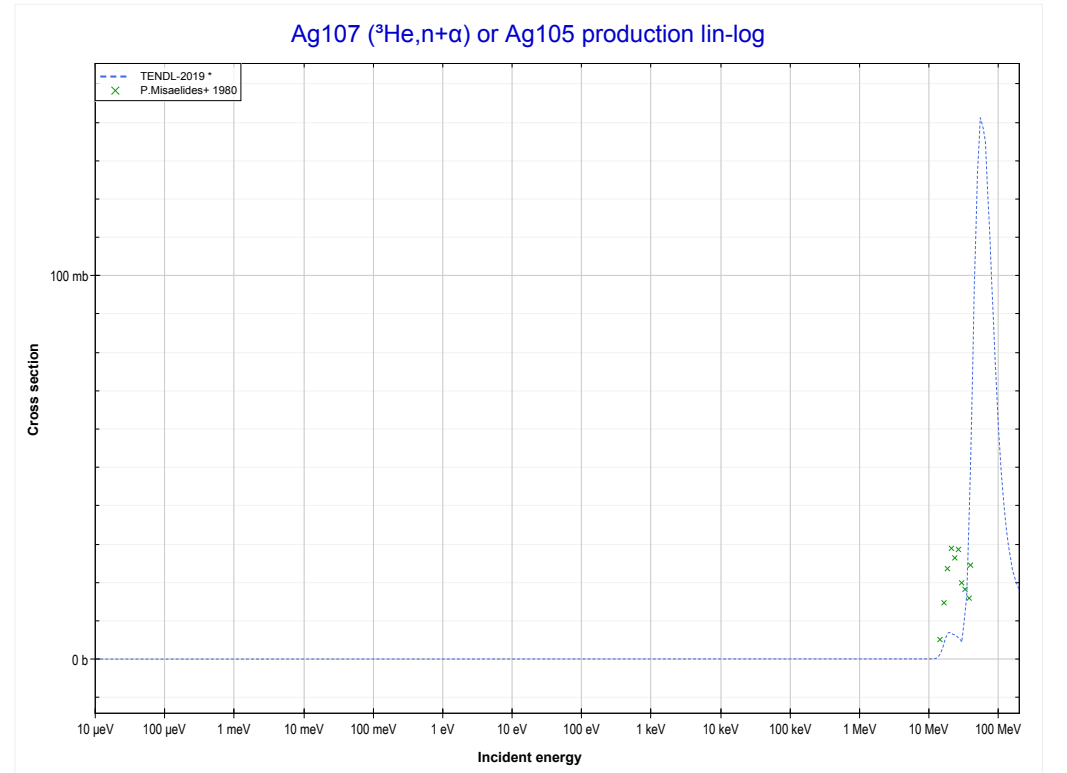
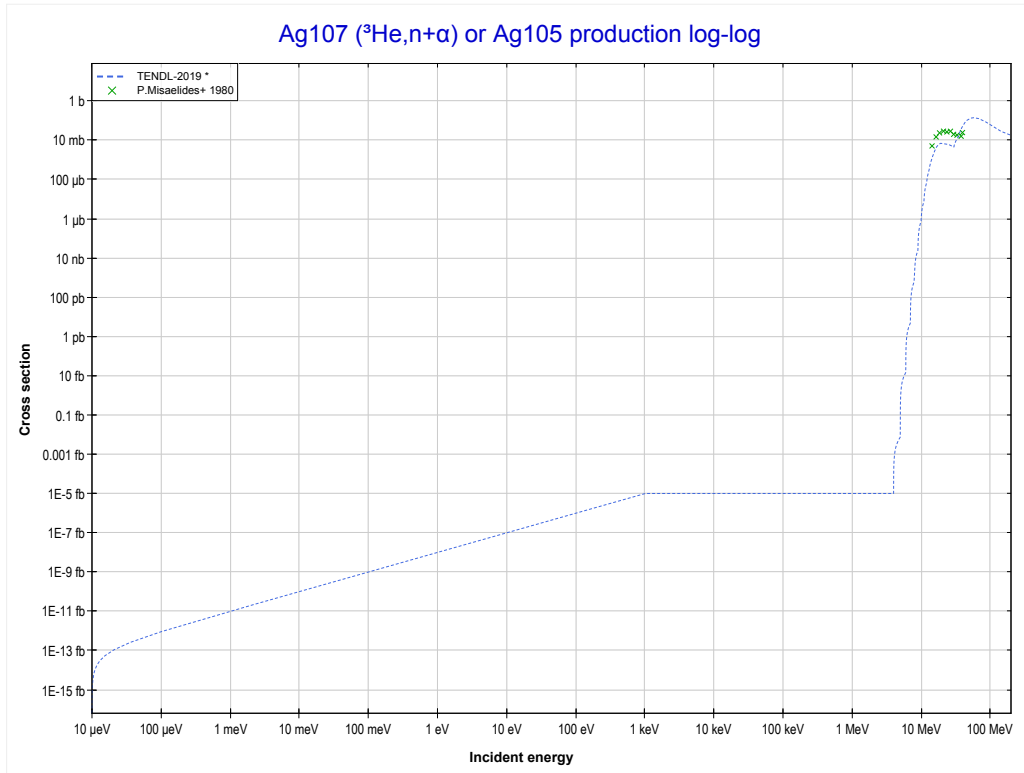
Reaction	Q-Value
Ag107(He3,2n)In108	-5498.12 keV

<< 45-Rh-103	47-Ag-107	47-Ag-109 >>
<< MT16 (³ He,2n)	MT17 (³He,3n) or MT5 (In107 production)	MT22 (³ He,n+α) >>



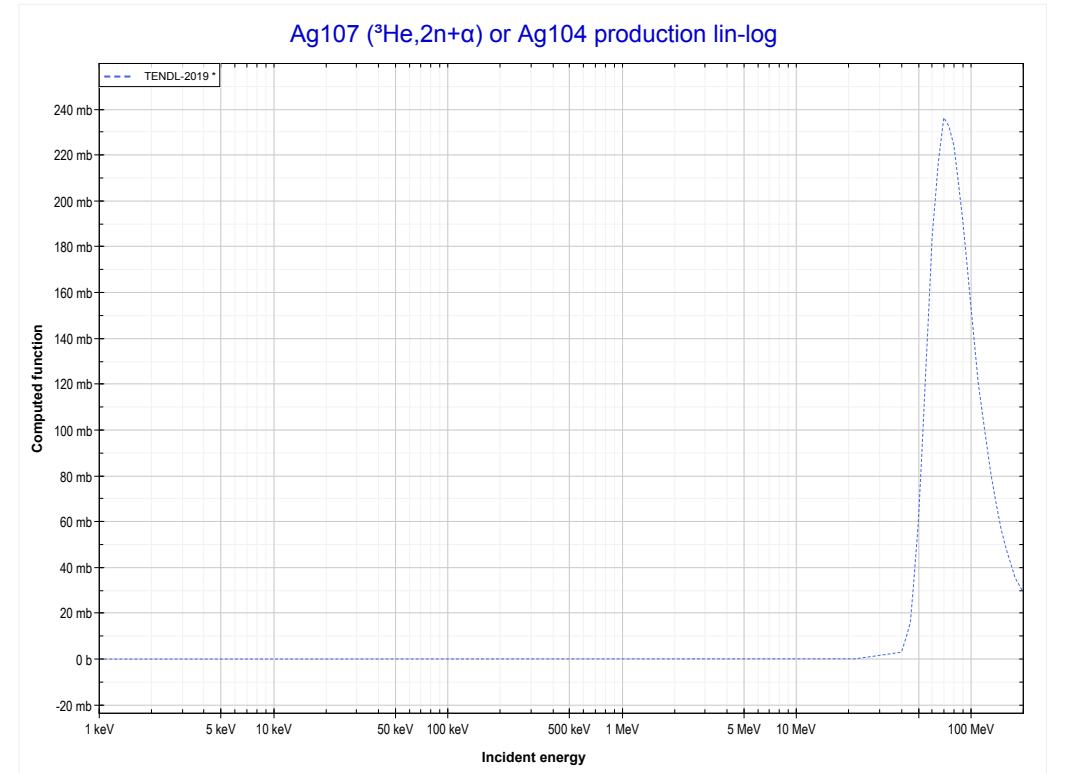
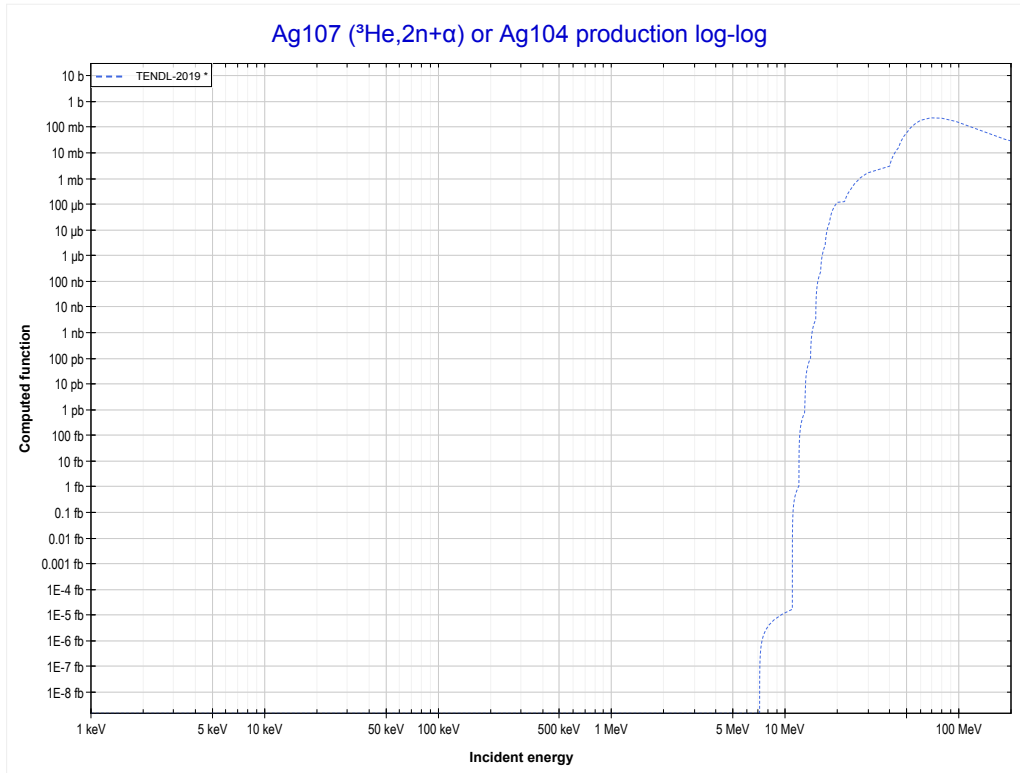
Reaction	Q-Value
Ag107(He3,3n)In107	-14125.43 keV

<< 34-Se-77	47-Ag-107	
<< MT17 (³ He,3n)	MT22 (³He,n+α) or MT5 (Ag105 production)	MT24 (³ He,2n+α) >>



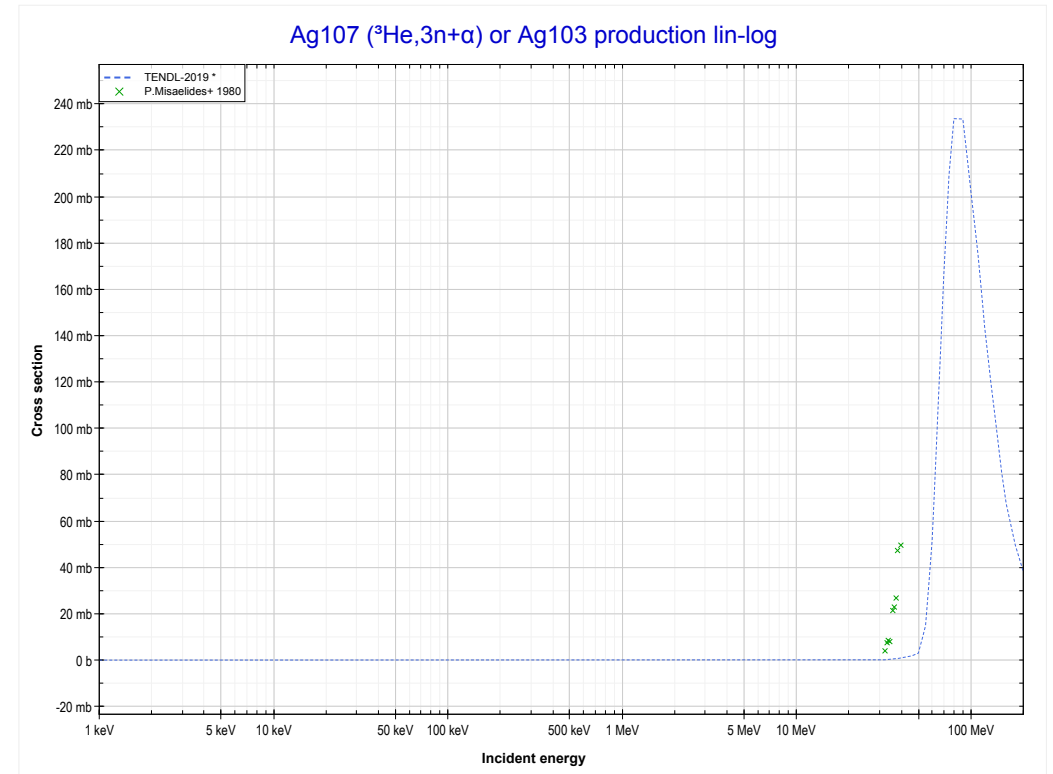
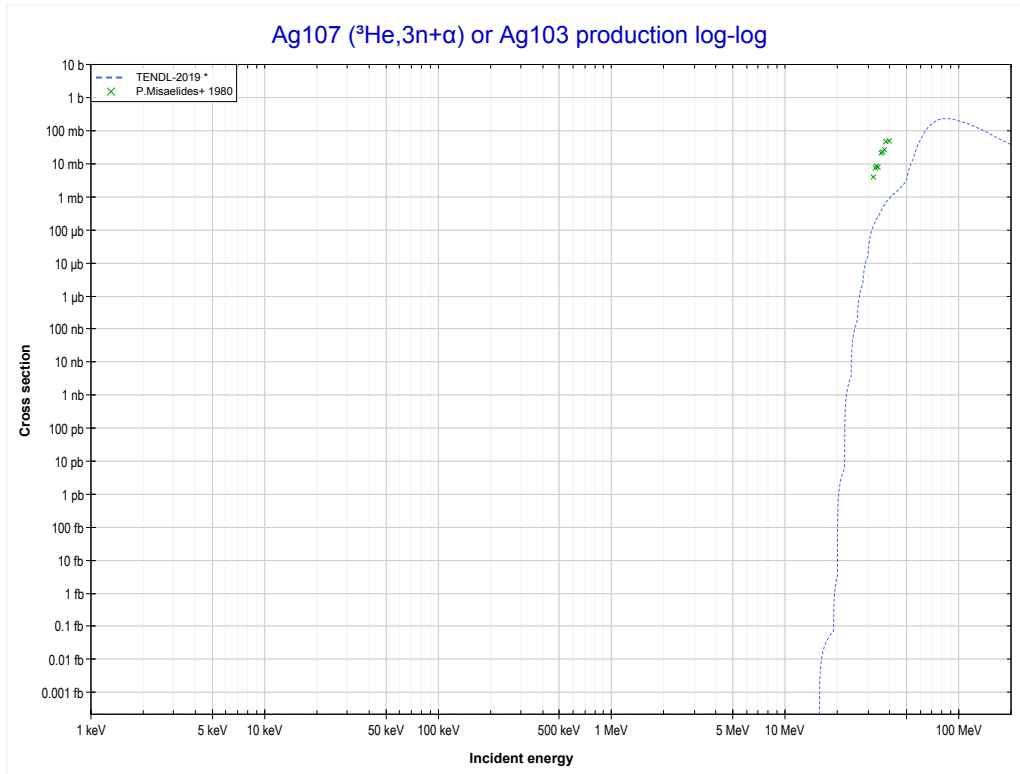
Reaction	Q-Value
Ag107(He3,n+α)Ag105	3099.29 keV
Ag107(He3,d+t)Ag105	-14490.01 keV
Ag107(He3,n+p+t)Ag105	-16714.58 keV
Ag107(He3,2n+He3)Ag105	-17478.33 keV
Ag107(He3,n+2d)Ag105	-20747.24 keV
Ag107(He3,2n+p+d)Ag105	-22971.81 keV
Ag107(He3,3n+2p)Ag105	-25196.37 keV

<< 27-Co-59	47-Ag-107	73-Ta-181 >>
<< MT22 ($^3\text{He},n+\alpha$)	MT24 ($^3\text{He},2n+\alpha$) or MT5 (Ag104 production)	MT25 ($^3\text{He},3n+\alpha$) >>



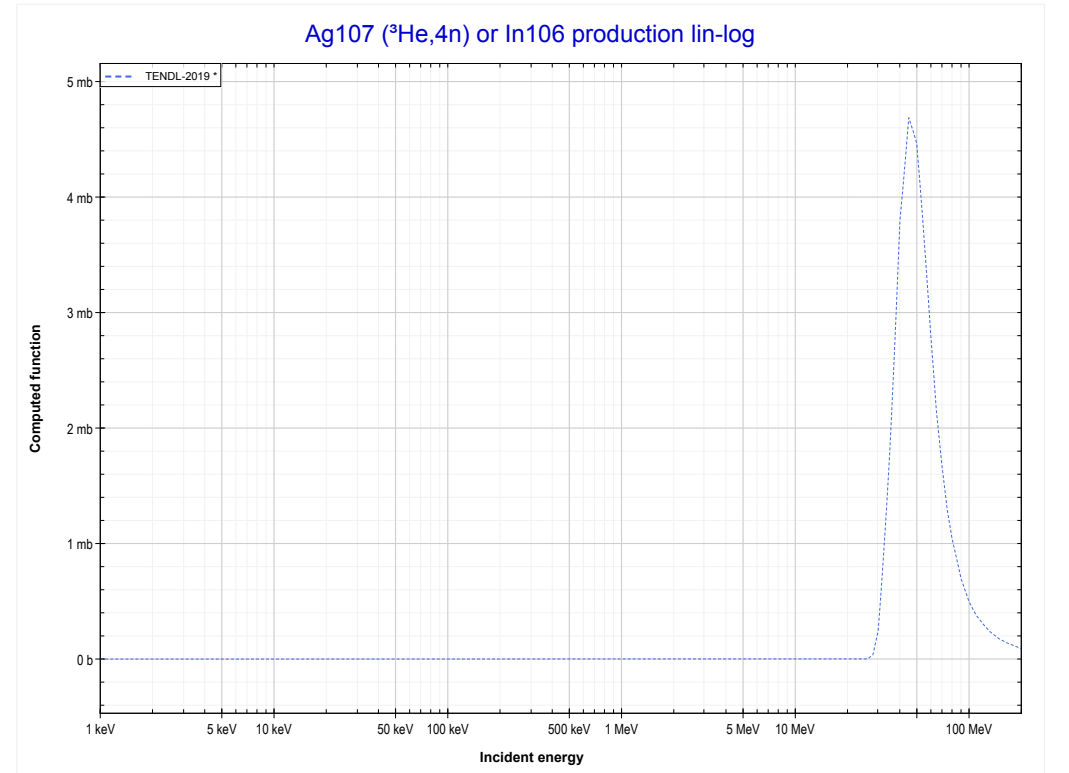
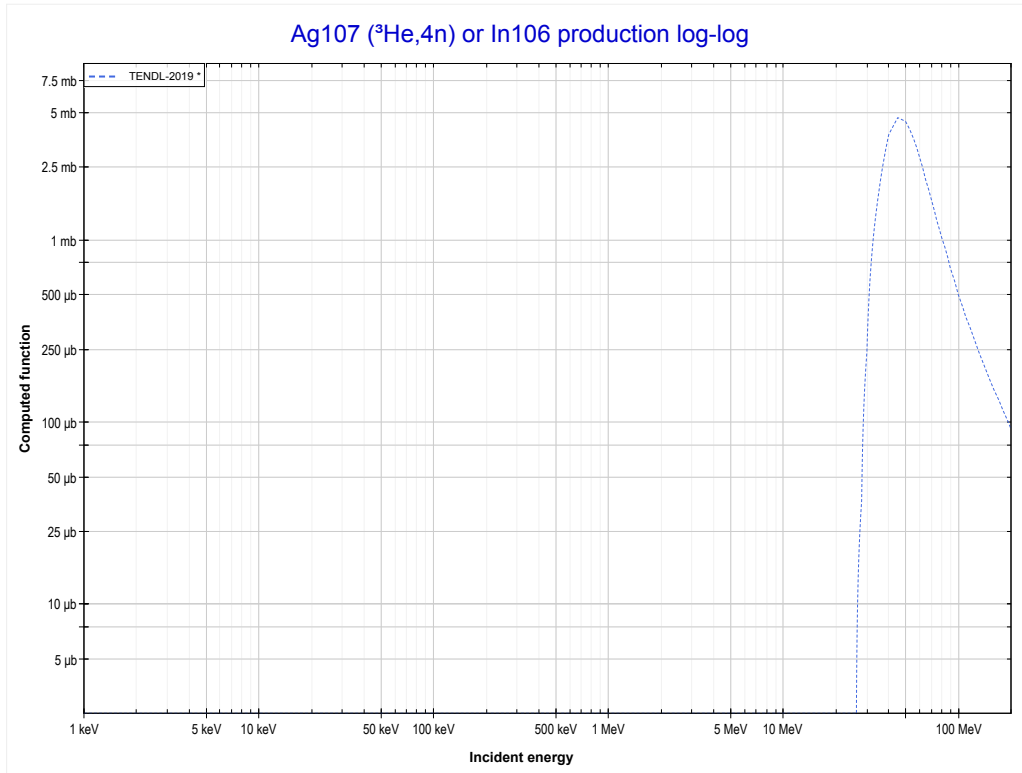
Reaction	Q-Value
Ag107($\text{He}3,2n+\alpha$)Ag104	-6927.03 keV
Ag107($\text{He}3,2t$)Ag104	-18259.10 keV
Ag107($\text{He}3,n+d+t$)Ag104	-24516.33 keV
Ag107($\text{He}3,2n+p+t$)Ag104	-26740.90 keV
Ag107($\text{He}3,3n+\text{He}3$)Ag104	-27504.65 keV
Ag107($\text{He}3,2n+2d$)Ag104	-30773.56 keV
Ag107($\text{He}3,3n+p+d$)Ag104	-32998.13 keV
Ag107($\text{He}3,4n+2p$)Ag104	-35222.69 keV

<< 44-Ru-101	47-Ag-107	
<< MT24 ($^3\text{He},2n+\alpha$)	MT25 ($^3\text{He},3n+\alpha$) or MT5 (Ag103 production)	MT37 ($^3\text{He},4n$) >>



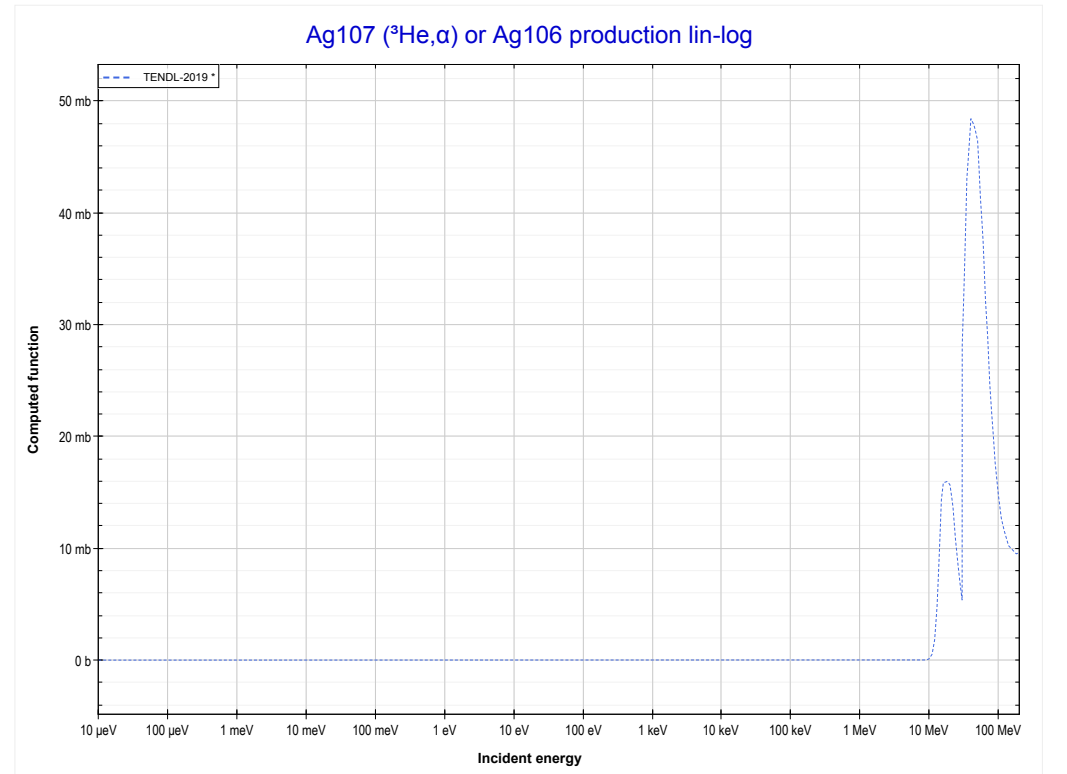
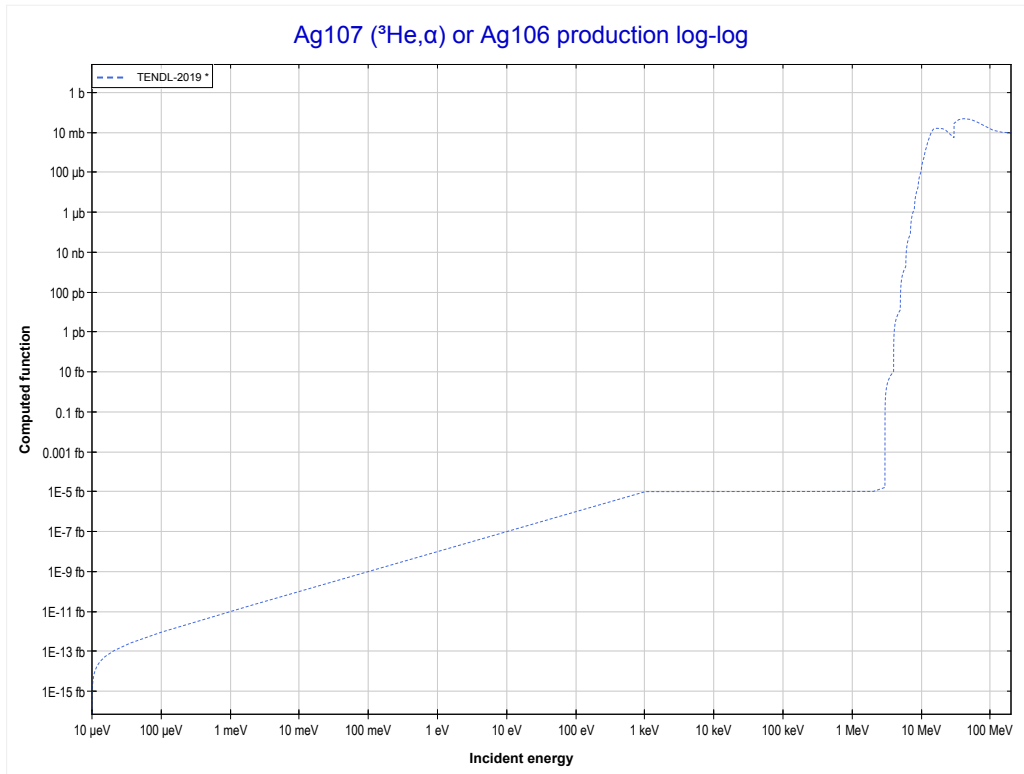
Reaction	Q-Value
Ag107($\text{He}3,3n+\alpha$)Ag103	-15311.35 keV
Ag107($\text{He}3,n+2t$)Ag103	-26643.42 keV
Ag107($\text{He}3,2n+d+t$)Ag103	-32900.65 keV
Ag107($\text{He}3,3n+p+t$)Ag103	-35125.21 keV
Ag107($\text{He}3,4n+\text{He}3$)Ag103	-35888.97 keV
Ag107($\text{He}3,3n+2d$)Ag103	-39157.88 keV
Ag107($\text{He}3,4n+p+d$)Ag103	-41382.44 keV
Ag107($\text{He}3,5n+2p$)Ag103	-43607.01 keV

<< 44-Ru-102	47-Ag-107	47-Ag-109 >>
<< MT25 ($^3\text{He},3n+\alpha$)	MT37 ($^3\text{He},4n$) or MT5 (In106 production)	MT107 ($^3\text{He},\alpha$) >>



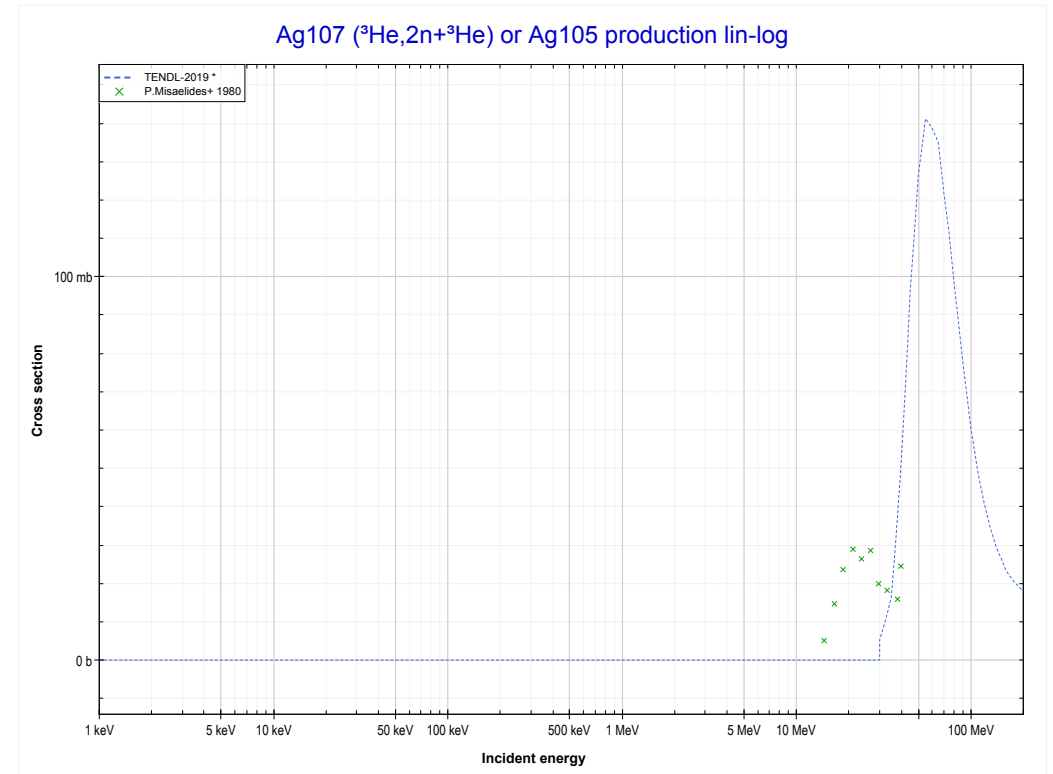
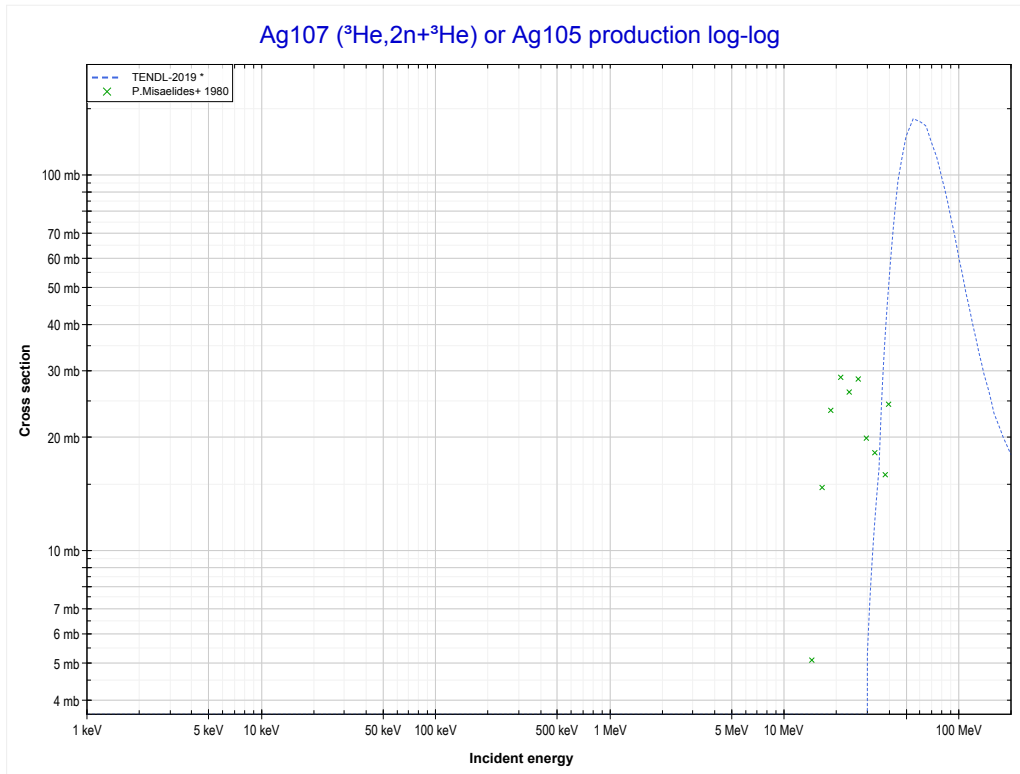
Reaction	Q-Value
Ag107(He3,4n)In106	-25152.75 keV

<< 45-Rh-103	47-Ag-107	48-Cd-116 >>
<< MT37 (³ He,4n)	MT107 (³He,α) or MT5 (Ag106 production)	MT176 (³ He,2n+ ³ He) >>



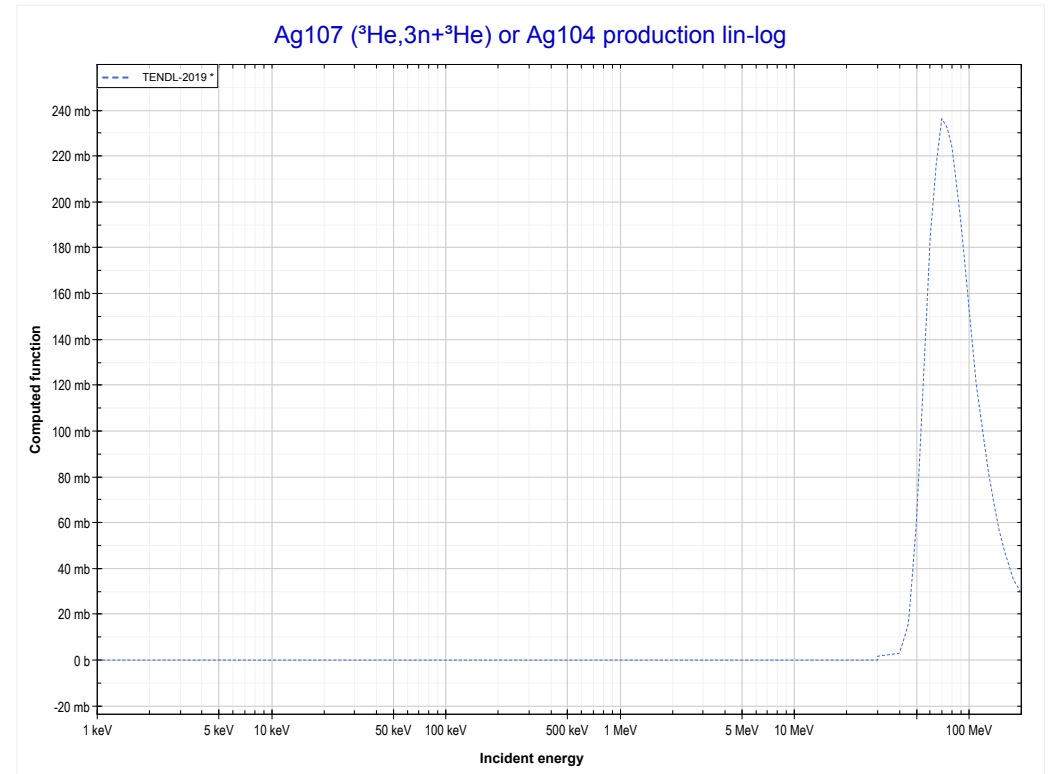
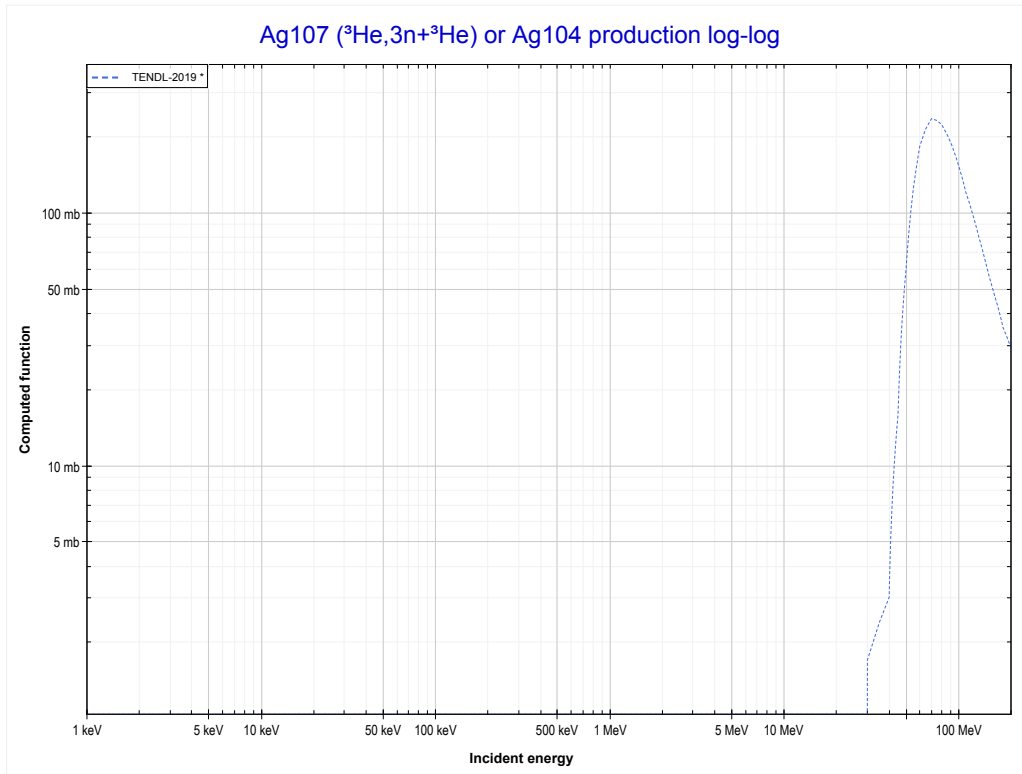
Reaction	Q-Value
Ag107(He3,α)Ag106	11041.60 keV
Ag107(He3,p+t)Ag106	-8772.26 keV
Ag107(He3,n+He3)Ag106	-9536.02 keV
Ag107(He3,2d)Ag106	-12804.93 keV
Ag107(He3,n+p+d)Ag106	-15029.49 keV
Ag107(He3,2n+2p)Ag106	-17254.06 keV

<< 29-Cu-63	47-Ag-107	
<< MT107 ($^3\text{He},\alpha$)	MT176 ($^3\text{He},2n+^3\text{He}$) or MT5 (Ag105 production)	MT177 ($^3\text{He},3n+^3\text{He}$) >>



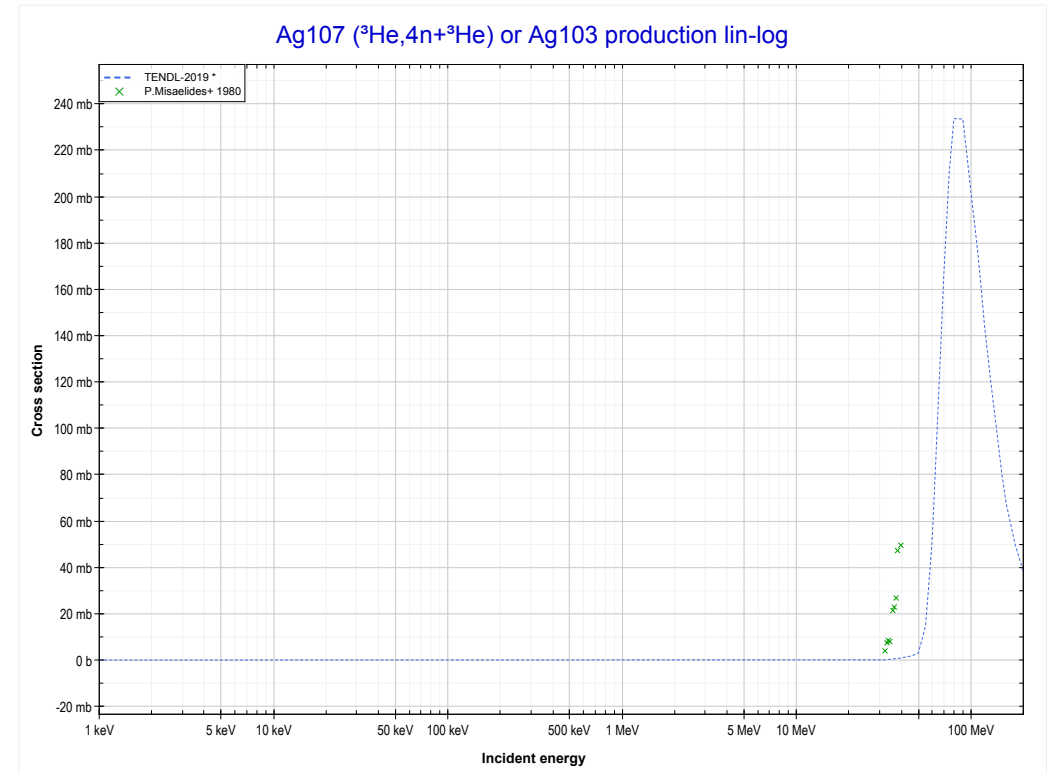
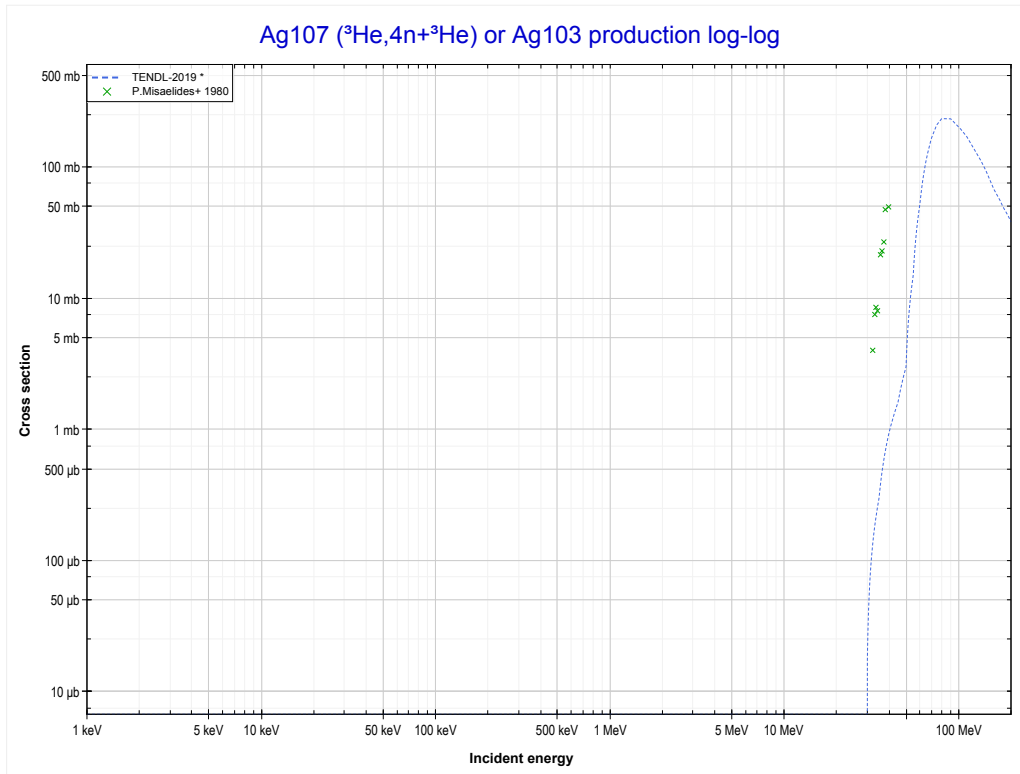
Reaction	Q-Value
Ag107(He3,n+ α)Ag105	3099.29 keV
Ag107(He3,d+t)Ag105	-14490.01 keV
Ag107(He3,n+p+t)Ag105	-16714.58 keV
Ag107(He3,2n+He3)Ag105	-17478.33 keV
Ag107(He3,n+2d)Ag105	-20747.24 keV
Ag107(He3,2n+p+d)Ag105	-22971.81 keV
Ag107(He3,3n+2p)Ag105	-25196.37 keV

<< 27-Co-59	47-Ag-107	
<< MT176 ($^3\text{He}, 2n+^3\text{He}$)	MT177 ($^3\text{He}, 3n+^3\text{He}$) or MT5 (Ag104 production)	MT178 ($^3\text{He}, 4n+^3\text{He}$) >>



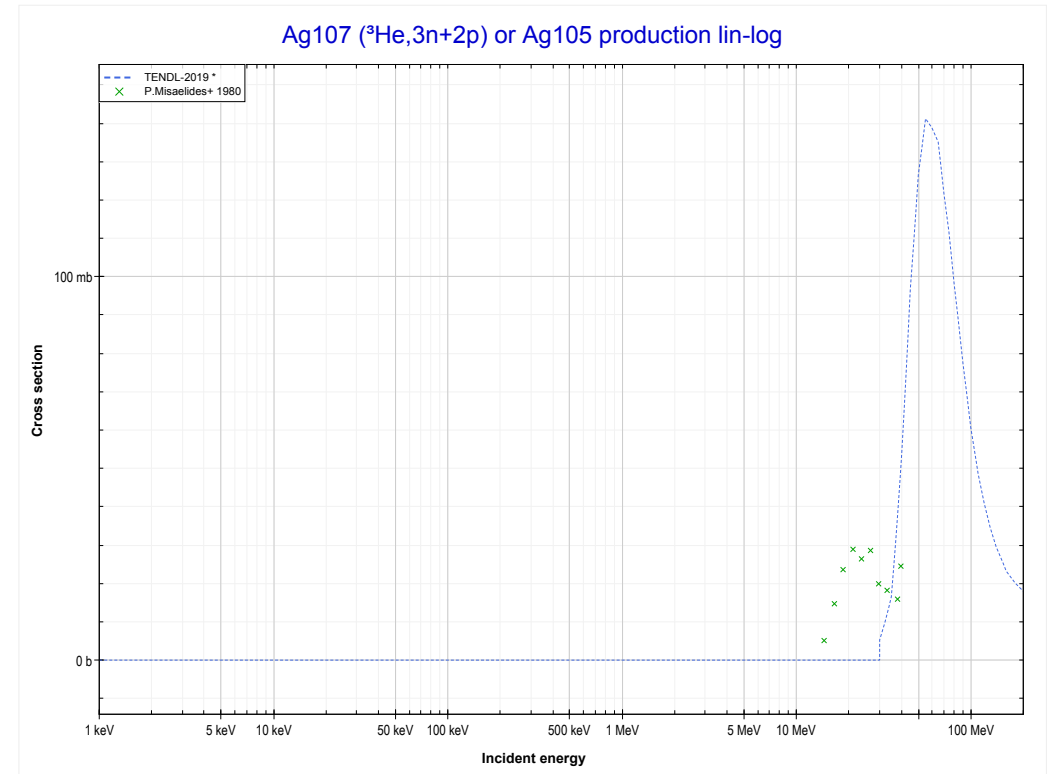
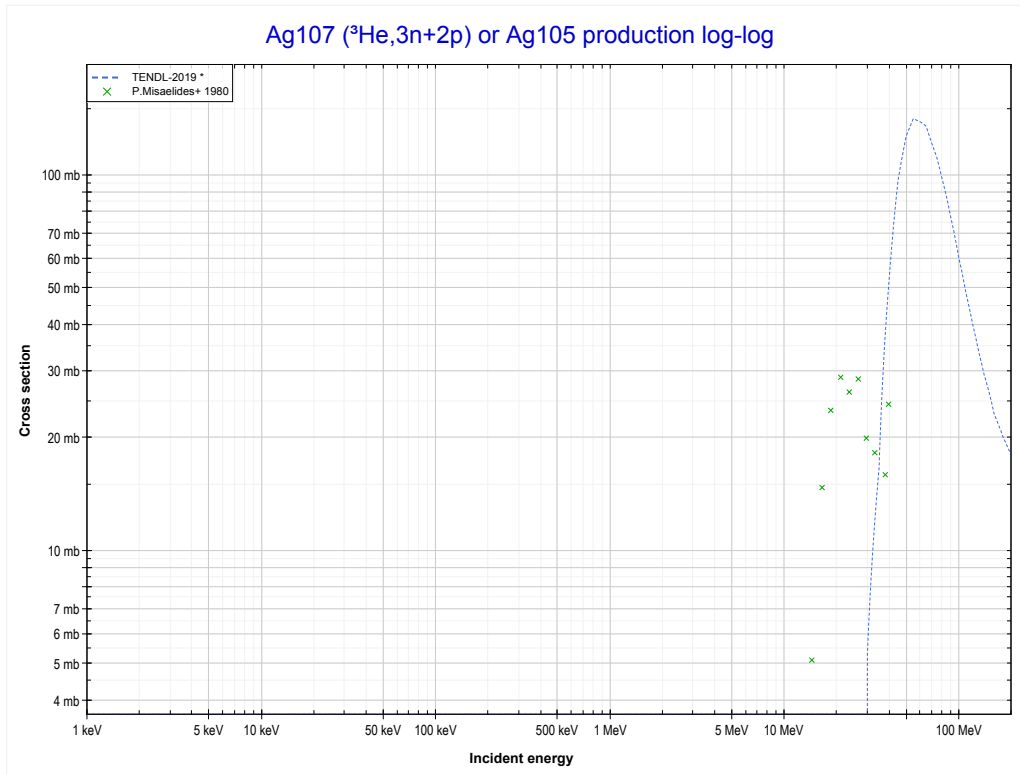
Reaction	Q-Value
Ag107($\text{He}3, 2n+\alpha$)Ag104	-6927.03 keV
Ag107($\text{He}3, 2t$)Ag104	-18259.10 keV
Ag107($\text{He}3, n+d+t$)Ag104	-24516.33 keV
Ag107($\text{He}3, 2n+p+t$)Ag104	-26740.90 keV
Ag107($\text{He}3, 3n+\text{He}3$)Ag104	-27504.65 keV
Ag107($\text{He}3, 2n+2d$)Ag104	-30773.56 keV
Ag107($\text{He}3, 3n+p+d$)Ag104	-32998.13 keV
Ag107($\text{He}3, 4n+2p$)Ag104	-35222.69 keV

	47-Ag-107	
<< MT177 ($^3\text{He},3n+^3\text{He}$)	MT178 ($^3\text{He},4n+^3\text{He}$) or MT5 (Ag103 production)	MT179 ($^3\text{He},3n+2p$) >>



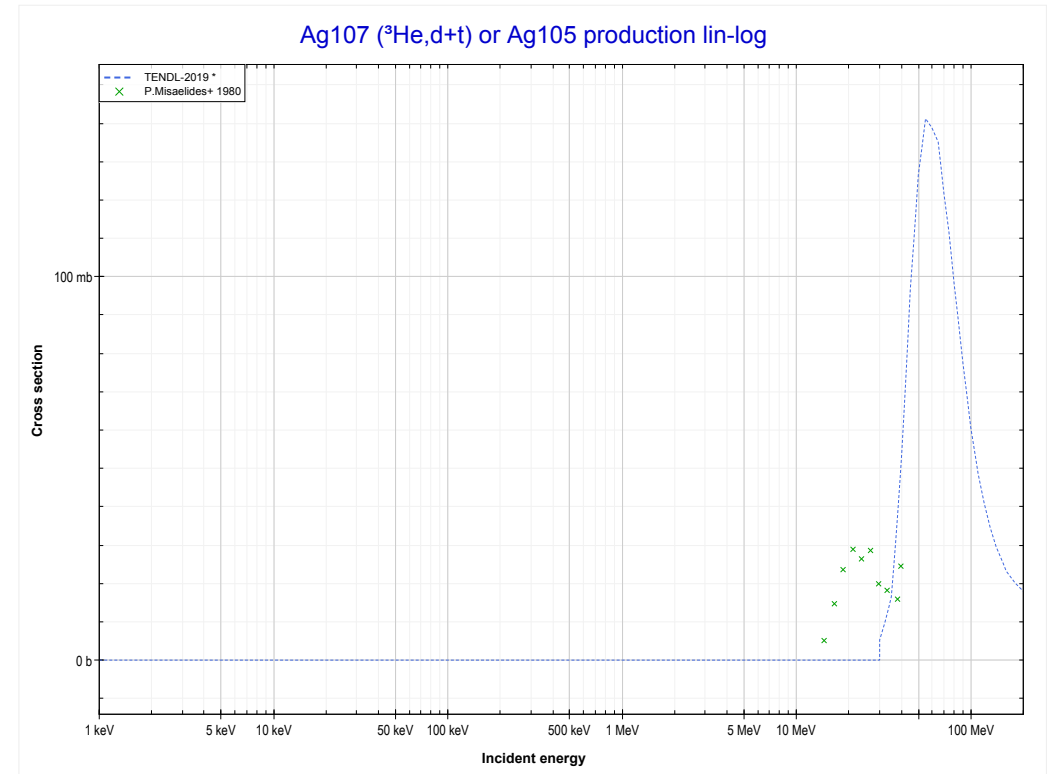
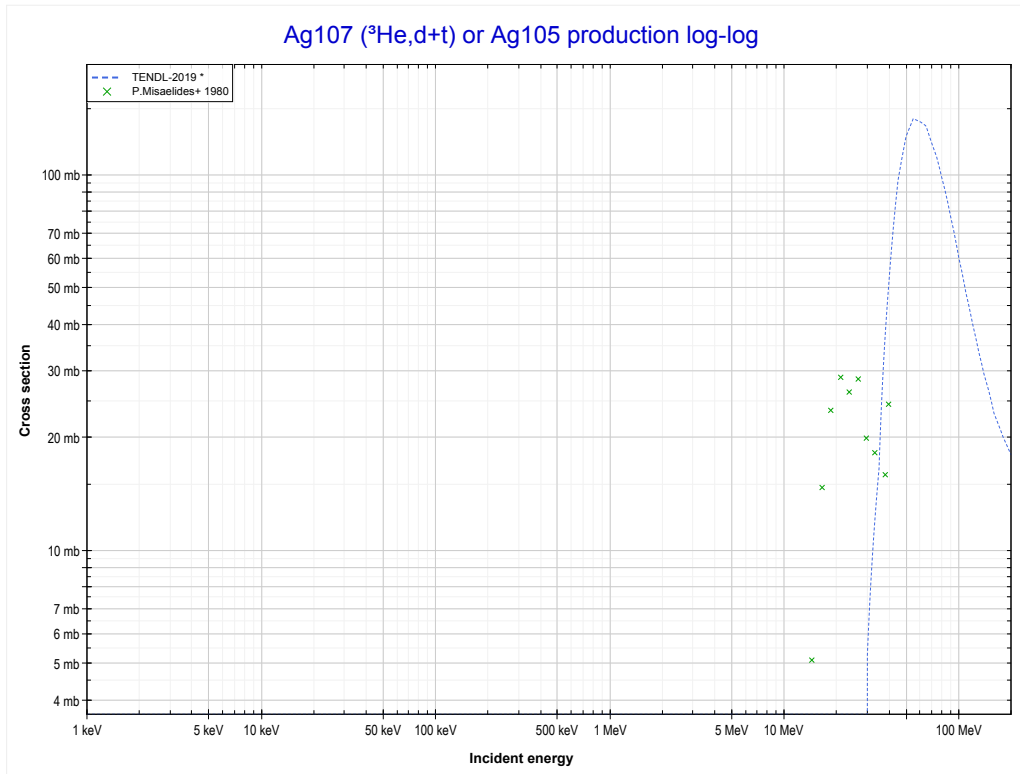
Reaction	Q-Value
Ag107($\text{He}3,3n+\alpha$)Ag103	-15311.35 keV
Ag107($\text{He}3,n+2t$)Ag103	-26643.42 keV
Ag107($\text{He}3,2n+d+t$)Ag103	-32900.65 keV
Ag107($\text{He}3,3n+p+t$)Ag103	-35125.21 keV
Ag107($\text{He}3,4n+\text{He}3$)Ag103	-35888.97 keV
Ag107($\text{He}3,3n+2d$)Ag103	-39157.88 keV
Ag107($\text{He}3,4n+p+d$)Ag103	-41382.44 keV
Ag107($\text{He}3,5n+2p$)Ag103	-43607.01 keV

<< 29-Cu-63	47-Ag-107	
<< MT178 ($^3\text{He},4n+^3\text{He}$)	MT179 ($^3\text{He},3n+2p$) or MT5 (Ag105 production)	MT182 ($^3\text{He},d+t$) >>



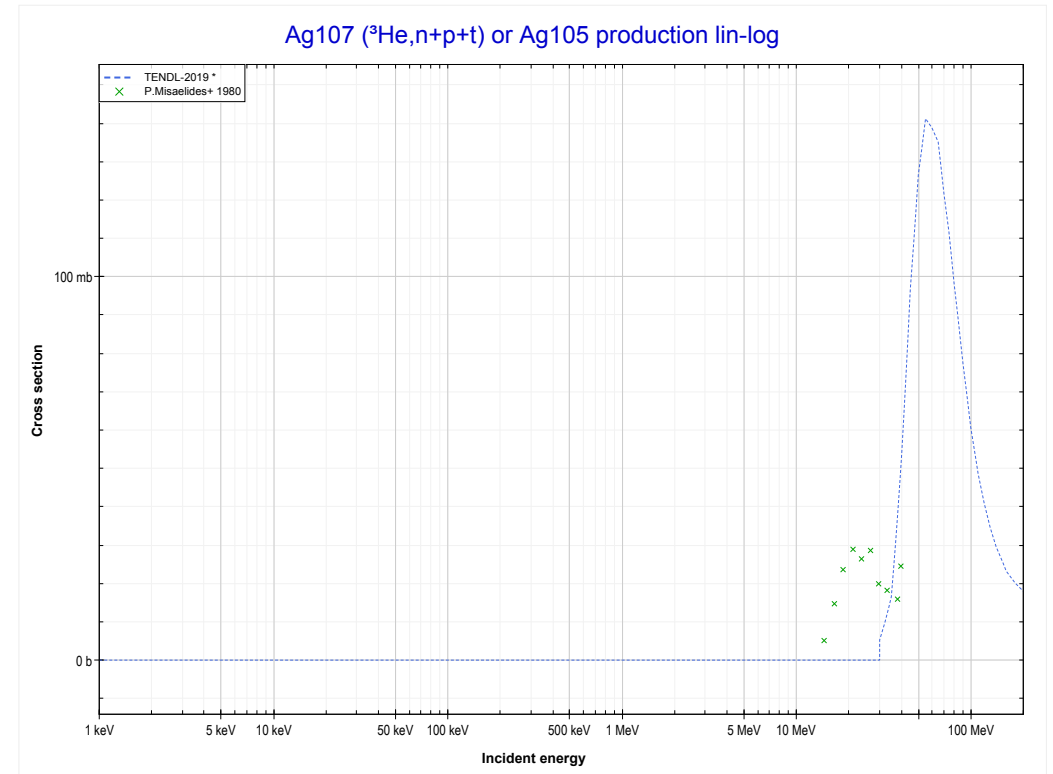
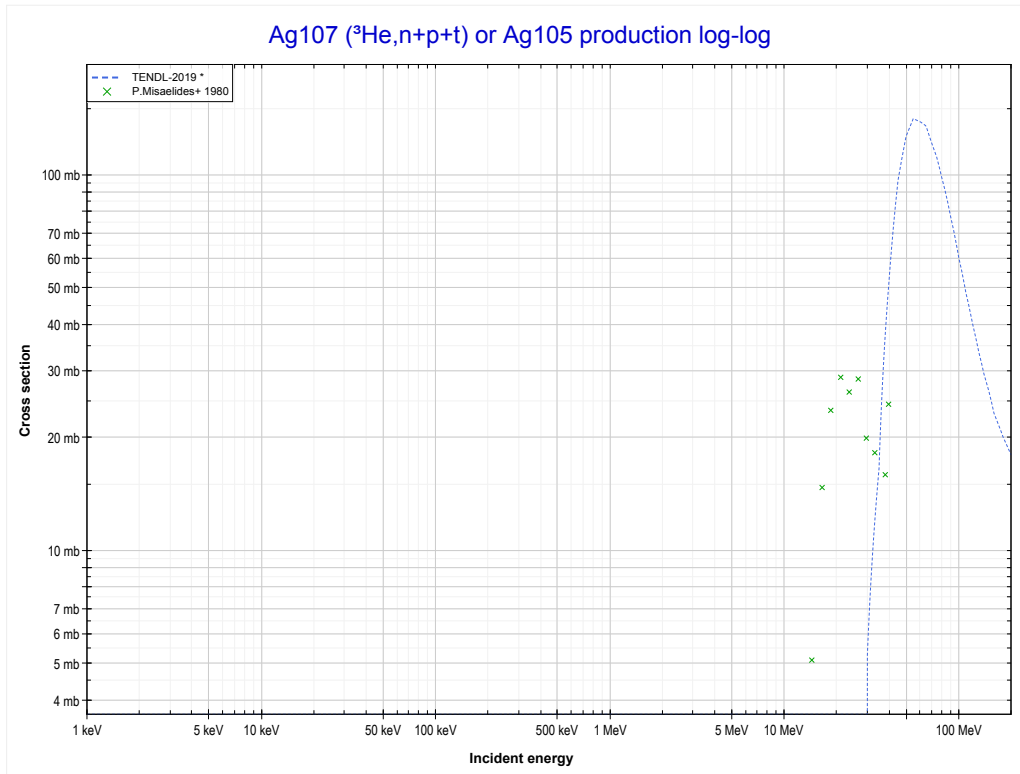
Reaction	Q-Value
Ag107(He3,n+α)Ag105	3099.29 keV
Ag107(He3,d+t)Ag105	-14490.01 keV
Ag107(He3,n+p+t)Ag105	-16714.58 keV
Ag107(He3,2n+He3)Ag105	-17478.33 keV
Ag107(He3,n+2d)Ag105	-20747.24 keV
Ag107(He3,2n+p+d)Ag105	-22971.81 keV
Ag107(He3,3n+2p)Ag105	-25196.37 keV

<< 29-Cu-63	47-Ag-107	
<< MT179 ($^3\text{He},3n+2p$)	MT182 ($^3\text{He},d+t$) or MT5 (Ag105 production)	MT184 ($^3\text{He},n+p+t$) >>



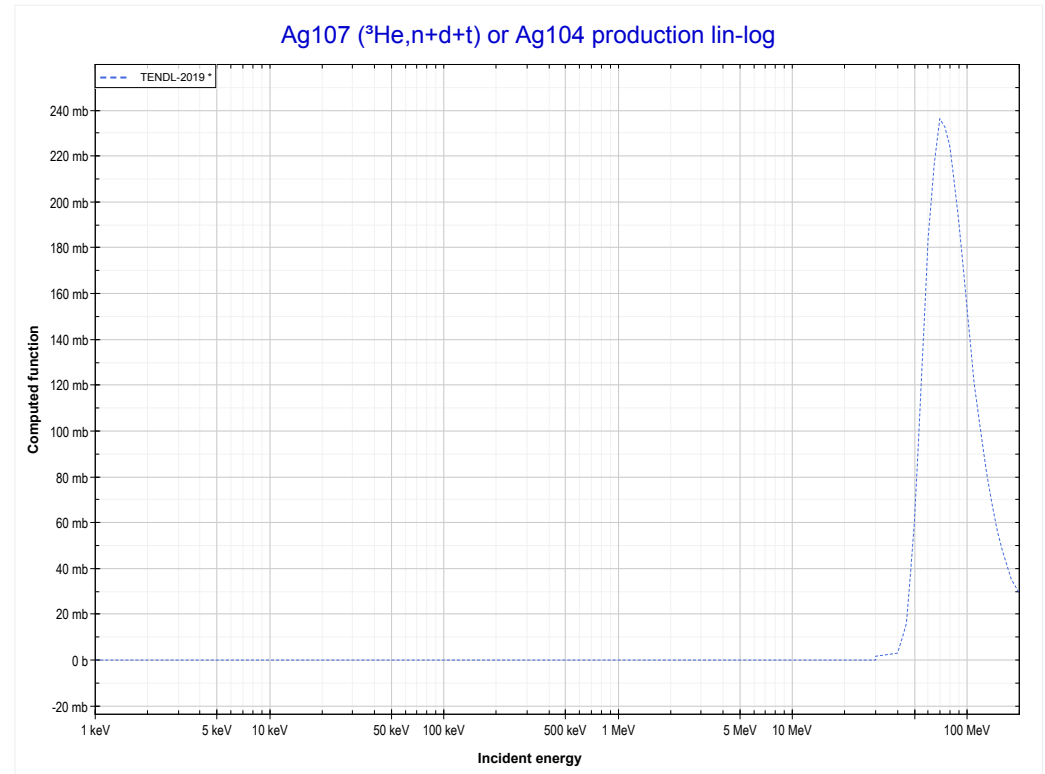
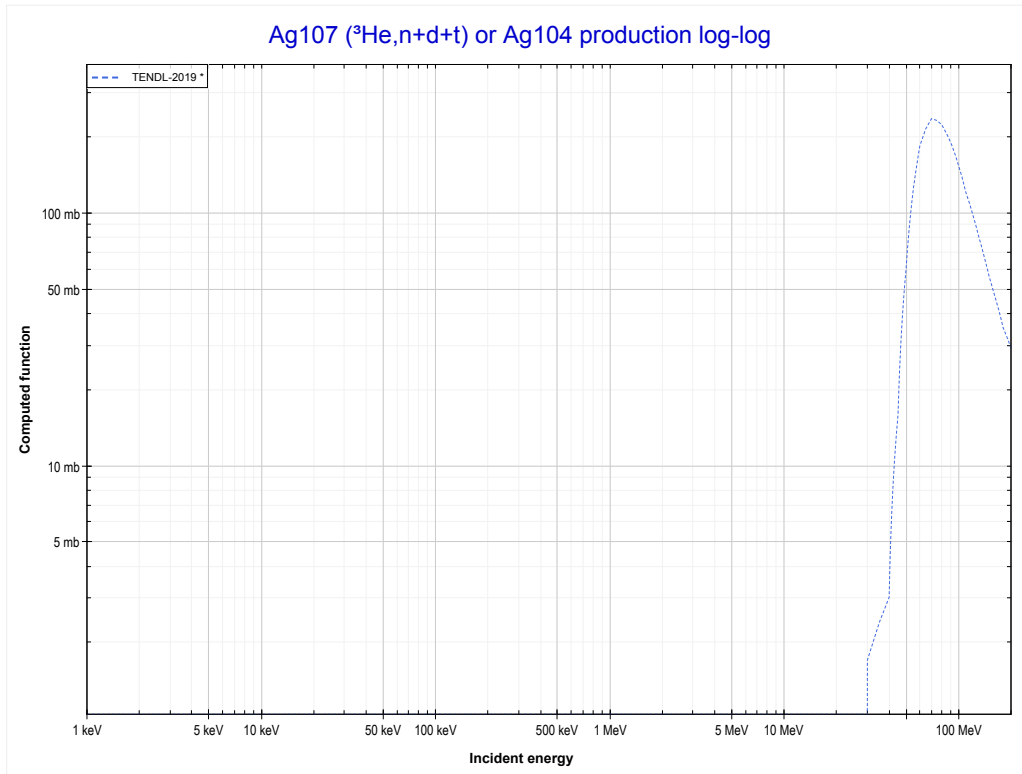
Reaction	Q-Value
Ag107($\text{He}3,n+\alpha$)Ag105	3099.29 keV
Ag107($\text{He}3,d+t$)Ag105	-14490.01 keV
Ag107($\text{He}3,n+p+t$)Ag105	-16714.58 keV
Ag107($\text{He}3,2n+\text{He}3$)Ag105	-17478.33 keV
Ag107($\text{He}3,n+2d$)Ag105	-20747.24 keV
Ag107($\text{He}3,2n+p+d$)Ag105	-22971.81 keV
Ag107($\text{He}3,3n+2p$)Ag105	-25196.37 keV

<< 29-Cu-63	47-Ag-107	
<< MT182 ($^3\text{He},d+t$)	MT184 ($^3\text{He},n+p+t$) or MT5 (Ag105 production)	MT185 ($^3\text{He},n+d+t$) >>



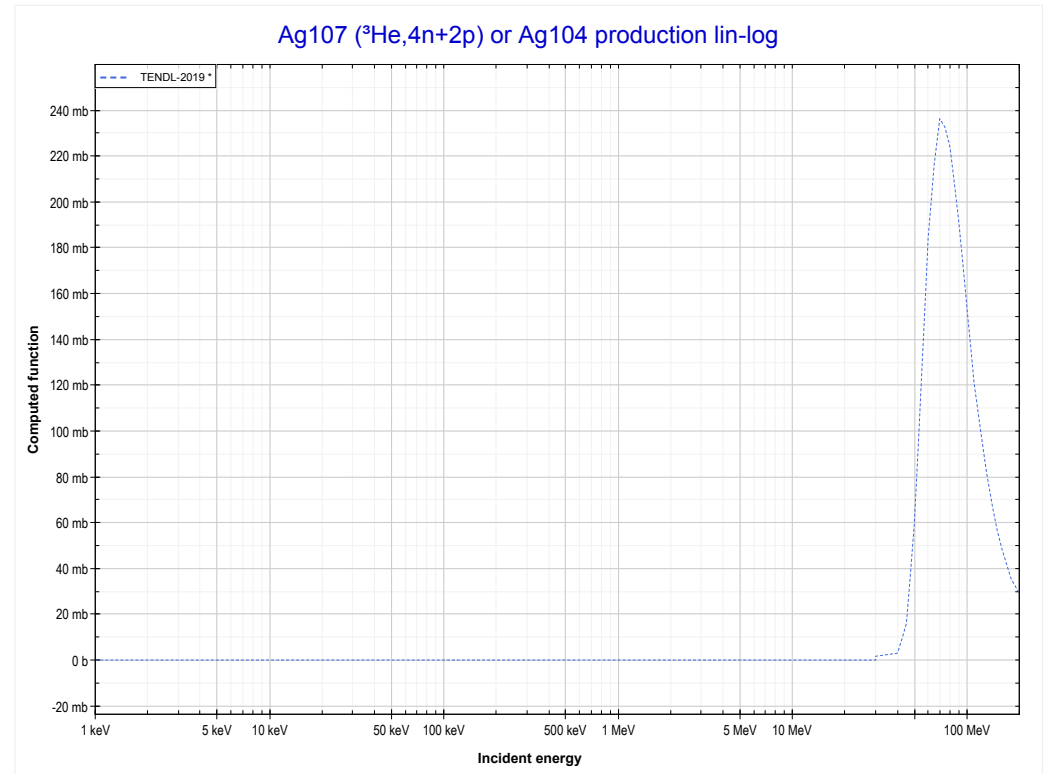
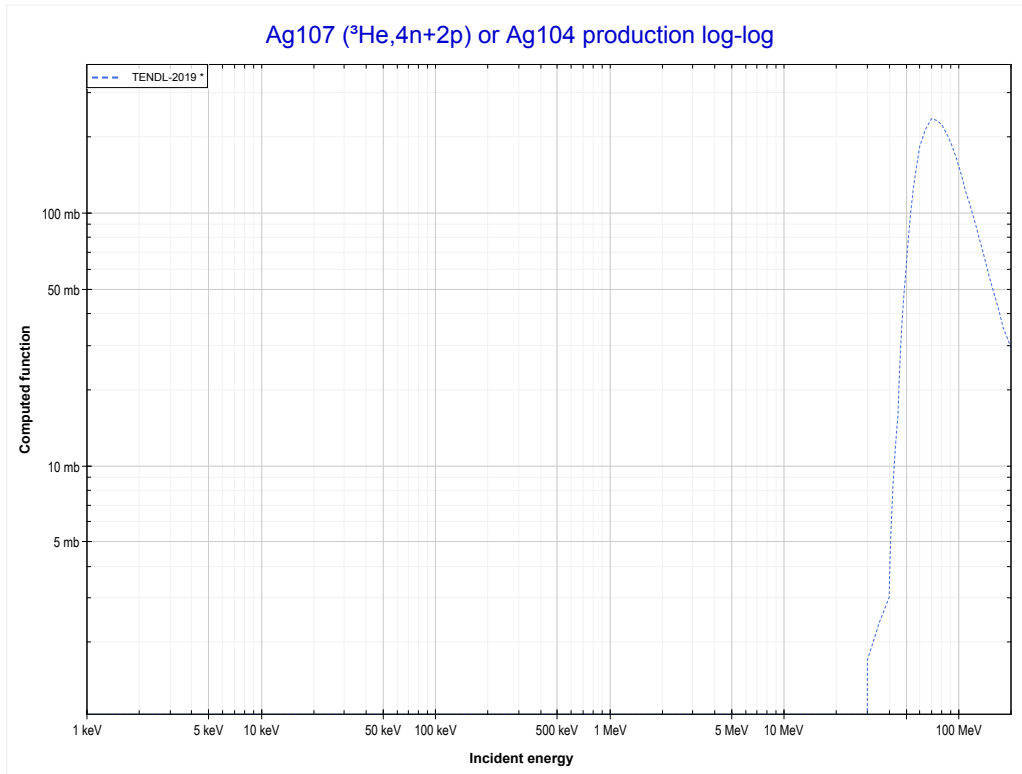
Reaction	Q-Value
Ag107($\text{He}3,n+\alpha$)Ag105	3099.29 keV
Ag107($\text{He}3,d+t$)Ag105	-14490.01 keV
Ag107($\text{He}3,n+p+t$)Ag105	-16714.58 keV
Ag107($\text{He}3,2n+\text{He}3$)Ag105	-17478.33 keV
Ag107($\text{He}3,n+2d$)Ag105	-20747.24 keV
Ag107($\text{He}3,2n+p+d$)Ag105	-22971.81 keV
Ag107($\text{He}3,3n+2p$)Ag105	-25196.37 keV

<< 27-Co-59	47-Ag-107	
<< MT184 ($^3\text{He},n+p+t$)	MT185 ($^3\text{He},n+d+t$) or MT5 (Ag104 production)	MT194 ($^3\text{He},4n+2p$) >>



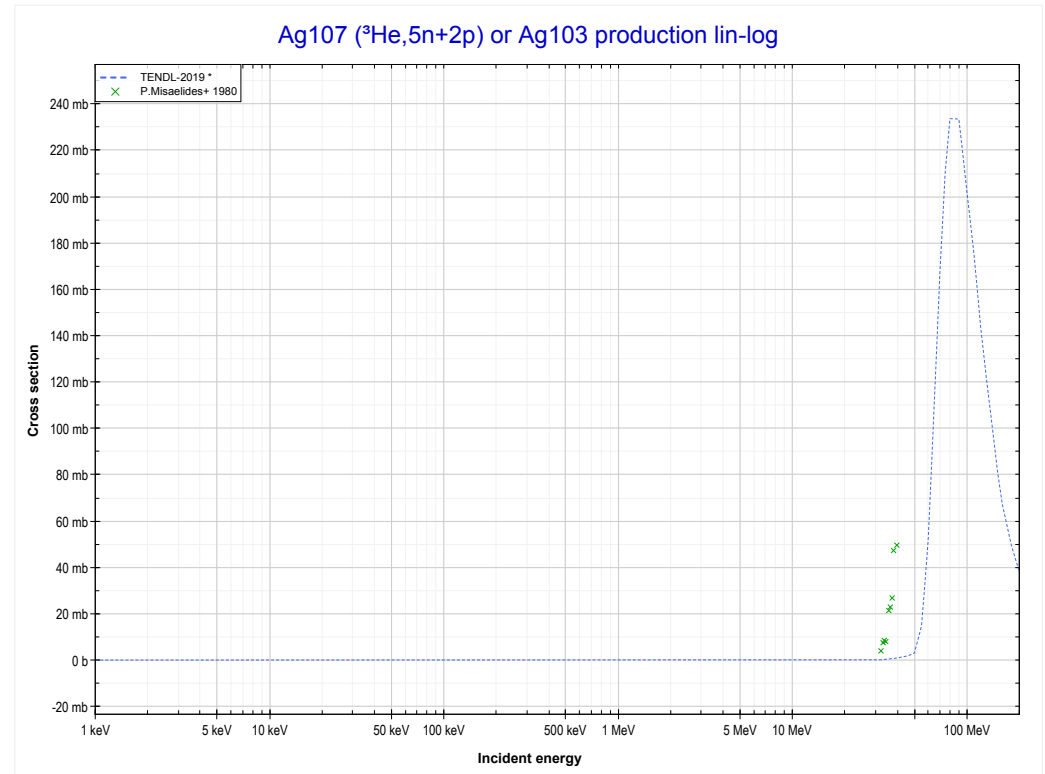
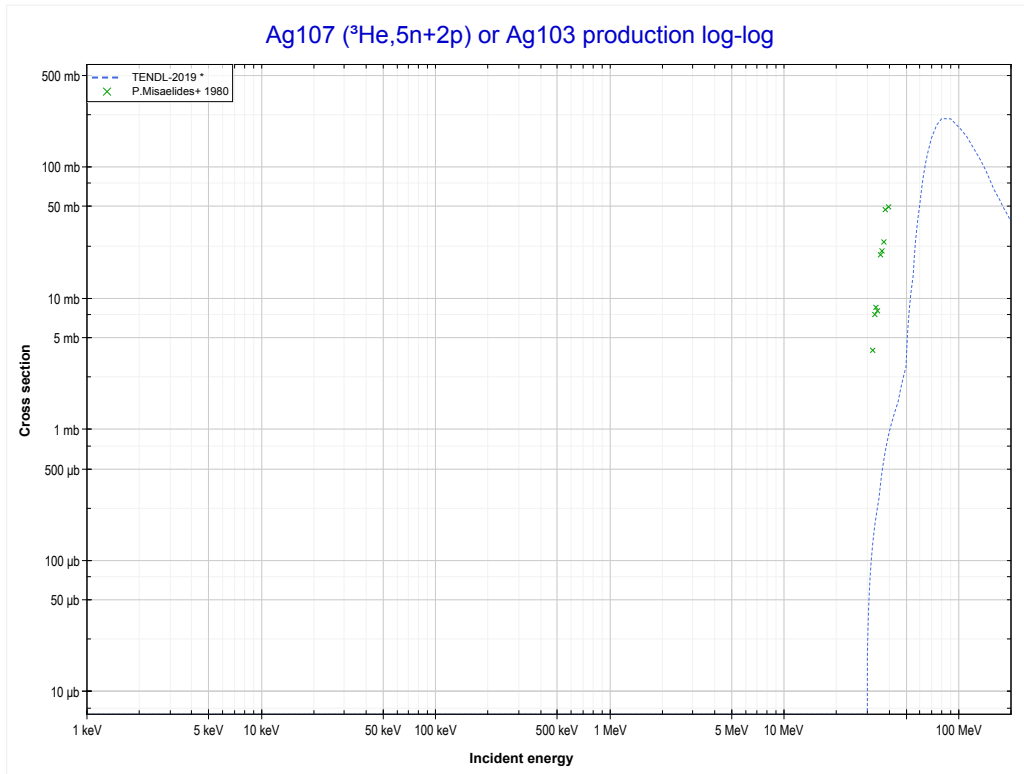
Reaction	Q-Value
Ag107(He3,2n+α)Ag104	-6927.03 keV
Ag107(He3,2t)Ag104	-18259.10 keV
Ag107(He3,n+d+t)Ag104	-24516.33 keV
Ag107(He3,2n+p+t)Ag104	-26740.90 keV
Ag107(He3,3n+He3)Ag104	-27504.65 keV
Ag107(He3,2n+2d)Ag104	-30773.56 keV
Ag107(He3,3n+p+d)Ag104	-32998.13 keV
Ag107(He3,4n+2p)Ag104	-35222.69 keV

<< 27-Co-59	47-Ag-107	
<< MT185 ($^3\text{He},n+d+t$)	MT194 ($^3\text{He},4n+2p$) or MT5 (Ag104 production)	MT200 ($^3\text{He},5n+2p$) >>



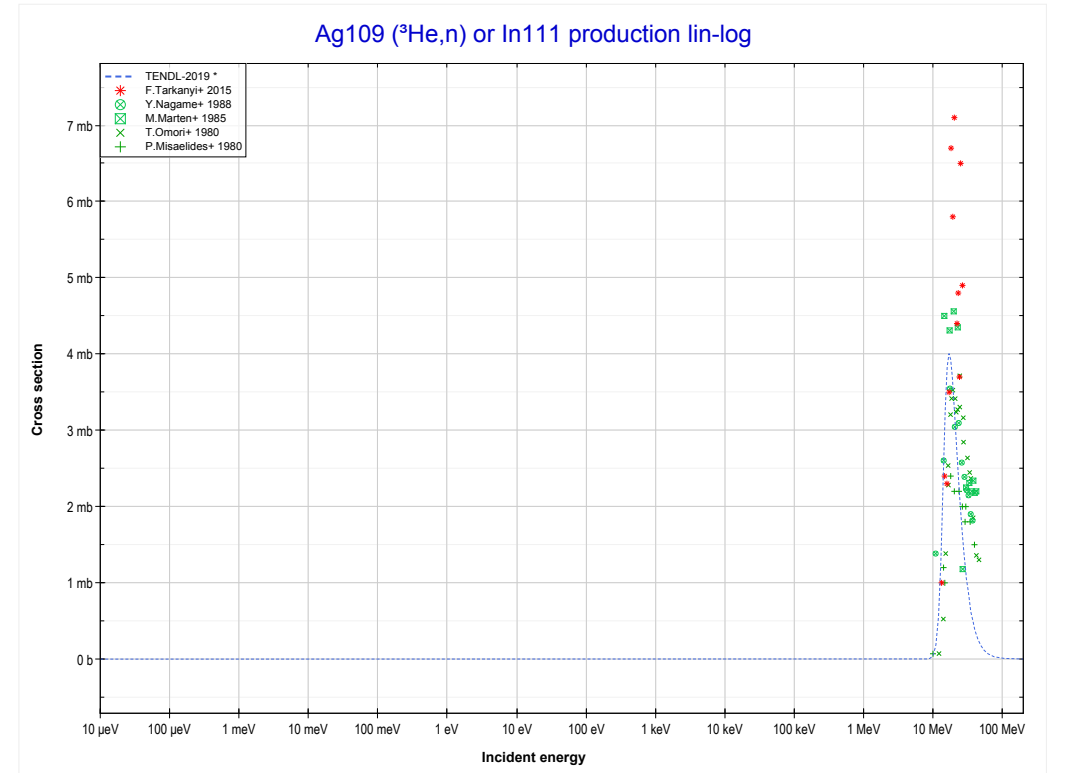
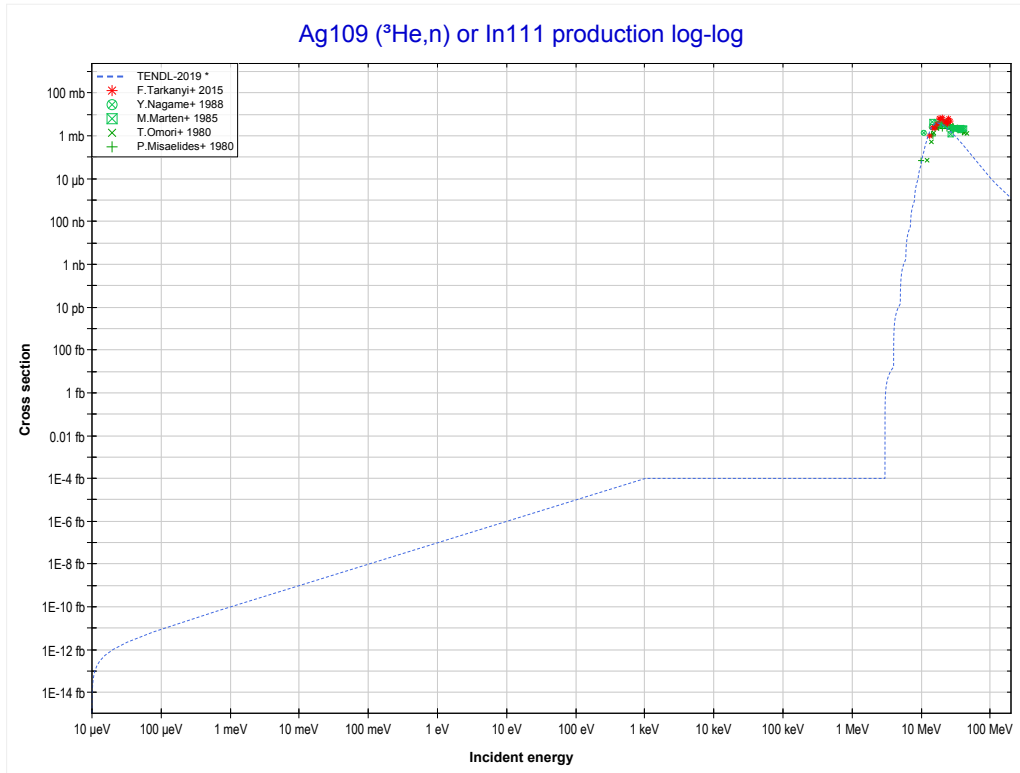
Reaction	Q-Value
Ag107(He3,2n+α)Ag104	-6927.03 keV
Ag107(He3,2t)Ag104	-18259.10 keV
Ag107(He3,n+d+t)Ag104	-24516.33 keV
Ag107(He3,2n+p+t)Ag104	-26740.90 keV
Ag107(He3,3n+He3)Ag104	-27504.65 keV
Ag107(He3,2n+2d)Ag104	-30773.56 keV
Ag107(He3,3n+p+d)Ag104	-32998.13 keV
Ag107(He3,4n+2p)Ag104	-35222.69 keV

47-Ag-107		
<< MT194 ($^3\text{He},4n+2p$)	MT200 ($^3\text{He},5n+2p$) or MT5 (Ag103 production)	47-Ag-109 MT4 ($^3\text{He},n$) >>



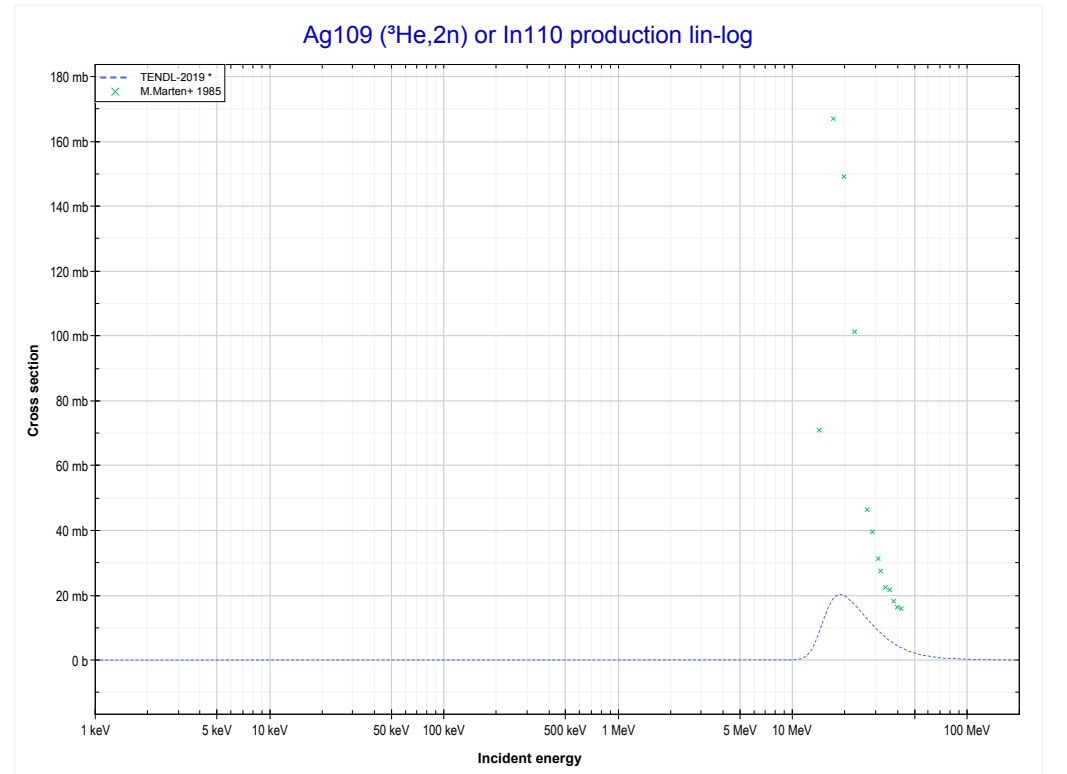
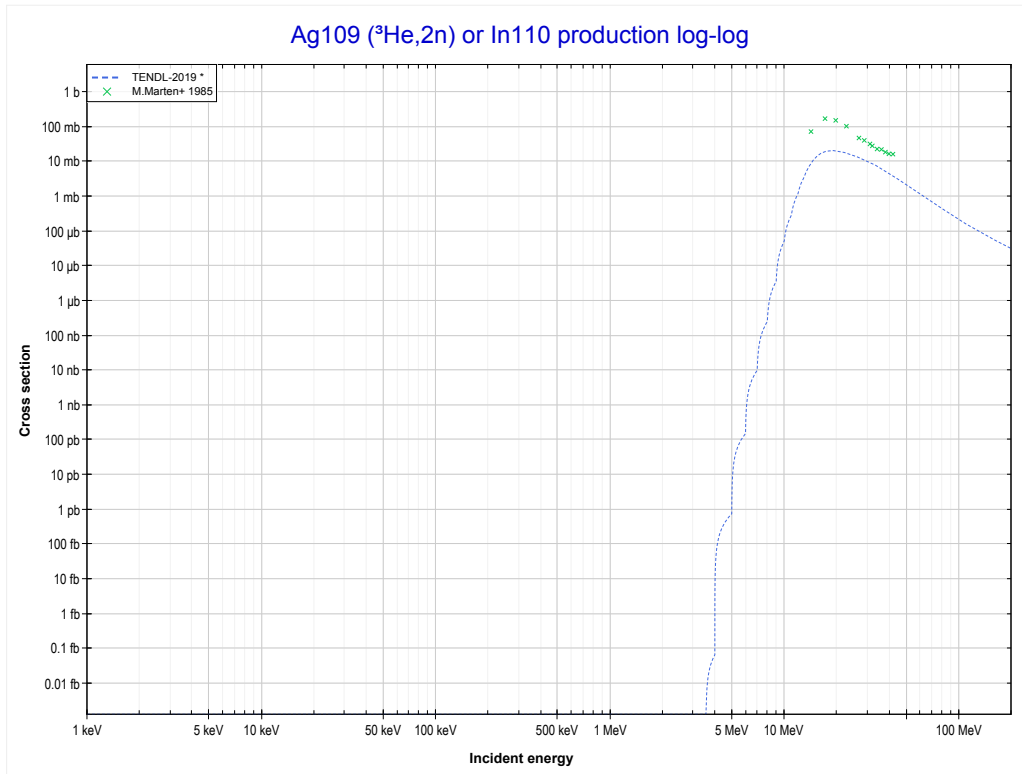
Reaction	Q-Value
Ag107(He3,3n+α)Ag103	-15311.35 keV
Ag107(He3,n+2t)Ag103	-26643.42 keV
Ag107(He3,2n+d+t)Ag103	-32900.65 keV
Ag107(He3,3n+p+t)Ag103	-35125.21 keV
Ag107(He3,4n+He3)Ag103	-35888.97 keV
Ag107(He3,3n+2d)Ag103	-39157.88 keV
Ag107(He3,4n+p+d)Ag103	-41382.44 keV
Ag107(He3,5n+2p)Ag103	-43607.01 keV

<< 47-Ag-107	47-Ag-109	62-Sm-147 >>
<< 47-Ag-107 MT200 ($^3\text{He},5n+2p$)	MT4 ($^3\text{He},n$) or MT5 (In111 production)	MT16 ($^3\text{He},2n$) >>



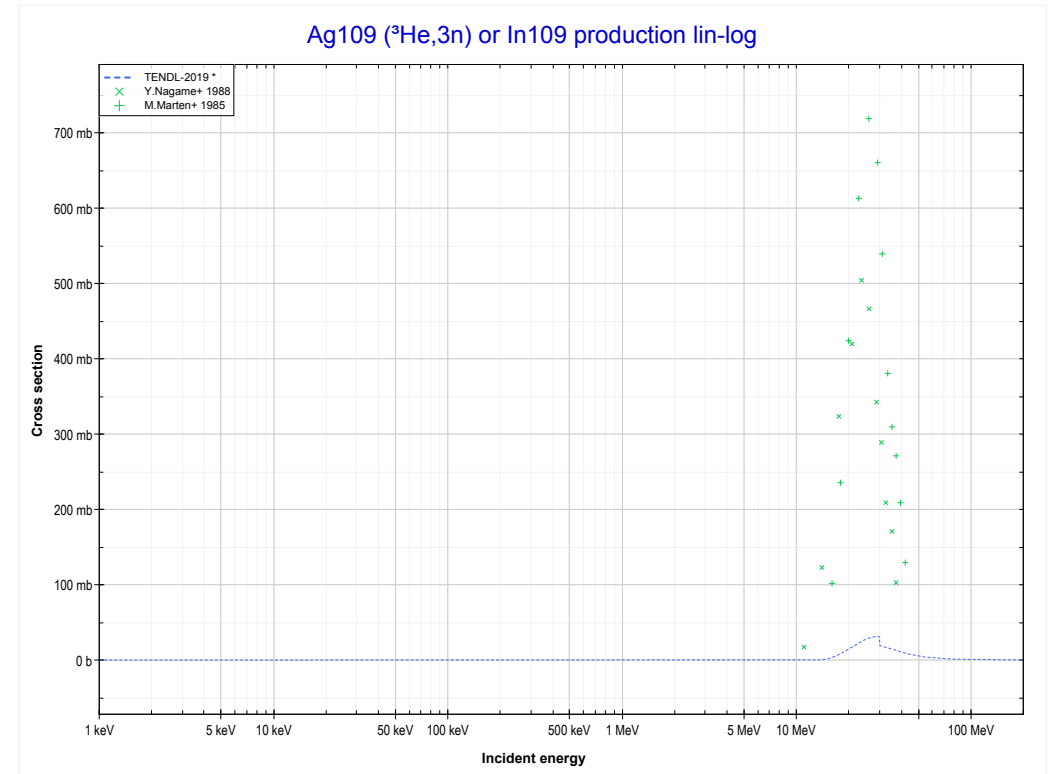
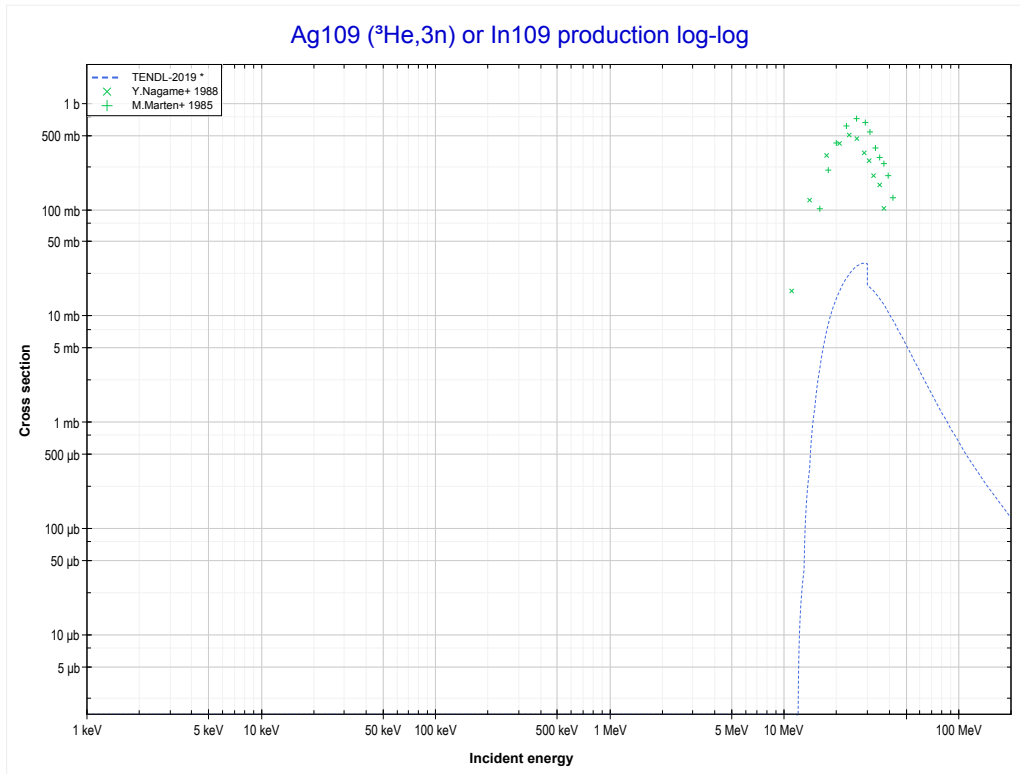
Reaction	Q-Value
Ag109(He3,n)In111	6532.50 keV

<< 47-Ag-107	47-Ag-109	48-Cd-116 >>
<< MT4 (³ He,n)	MT16 (³He,2n) or MT5 (In110 production)	MT17 (³ He,3n) >>



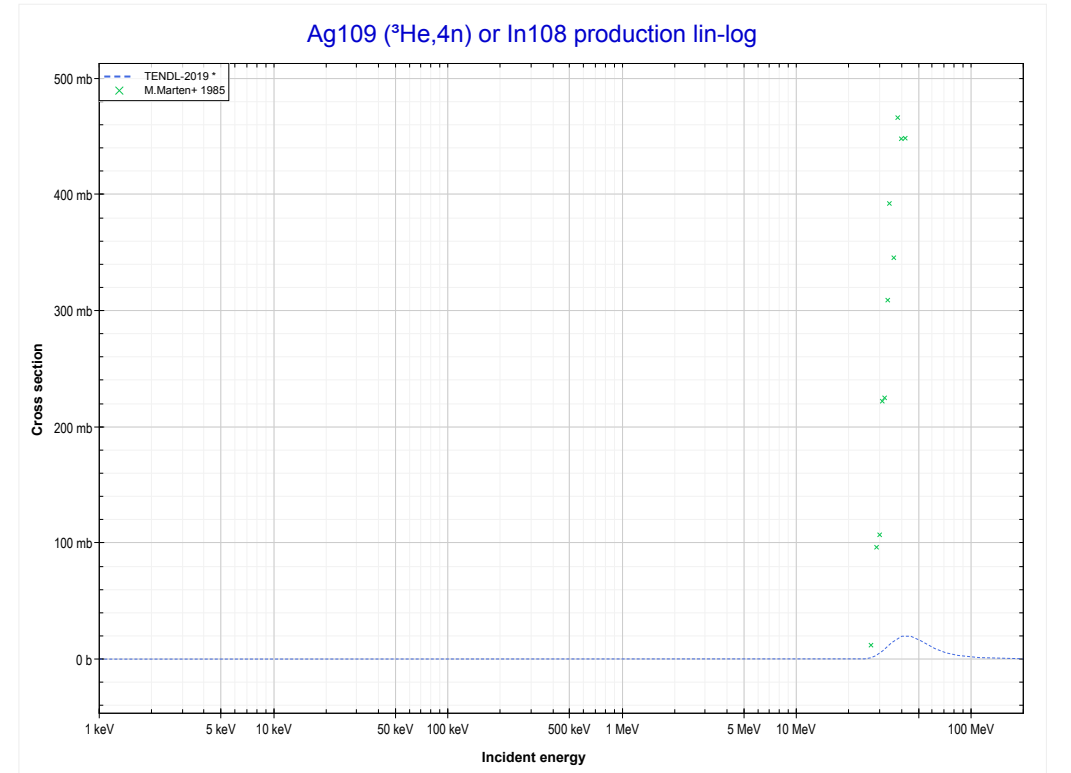
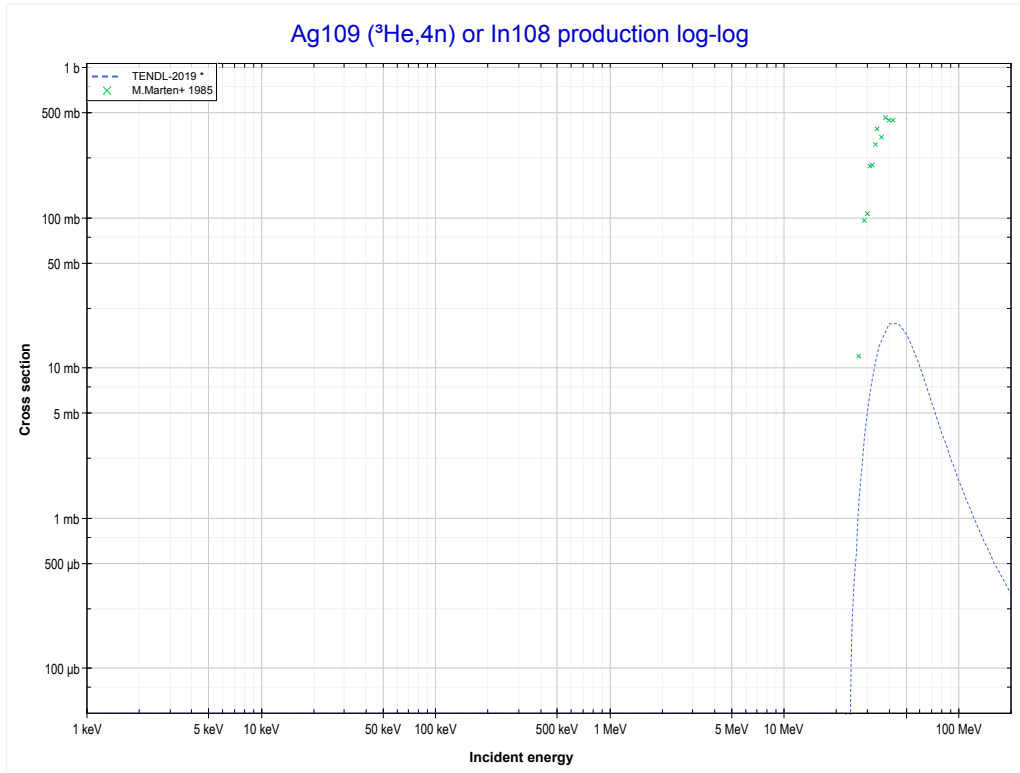
Reaction	Q-Value
Ag109(He3,2n)In110	-3460.82 keV

<< 47-Ag-107	47-Ag-109	51-Sb-123 >>
<< MT16 ($^3\text{He},2n$)	MT17 ($^3\text{He},3n$) or MT5 (In109 production)	MT37 ($^3\text{He},4n$) >>



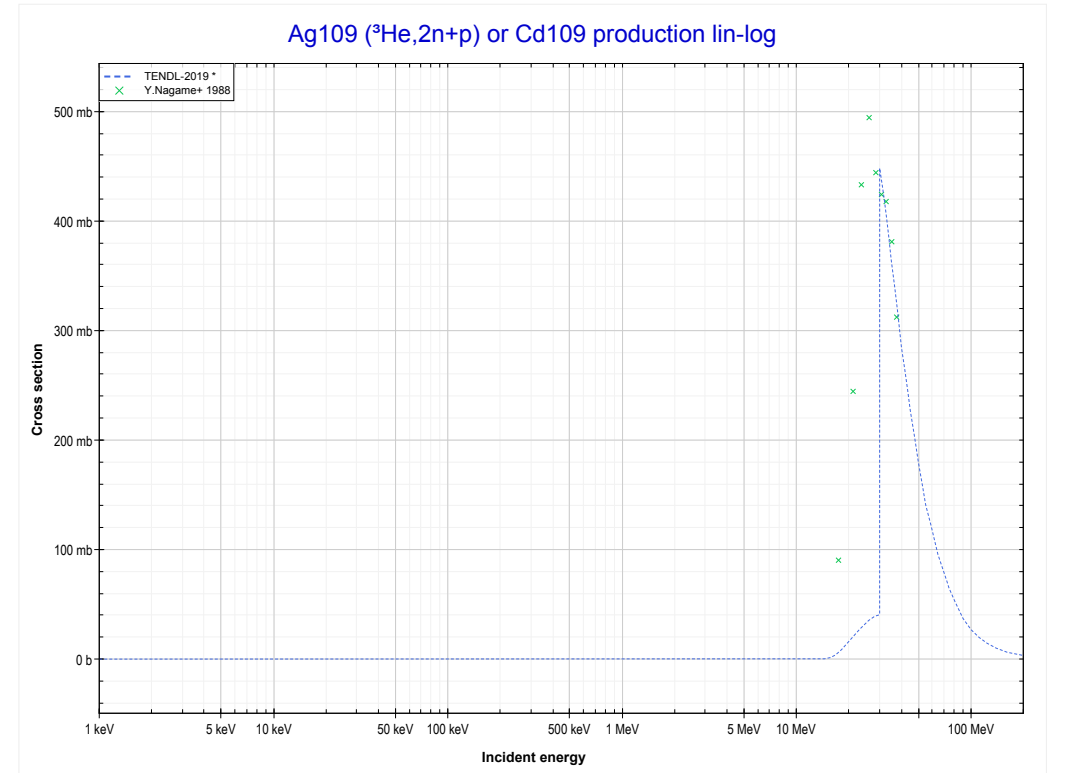
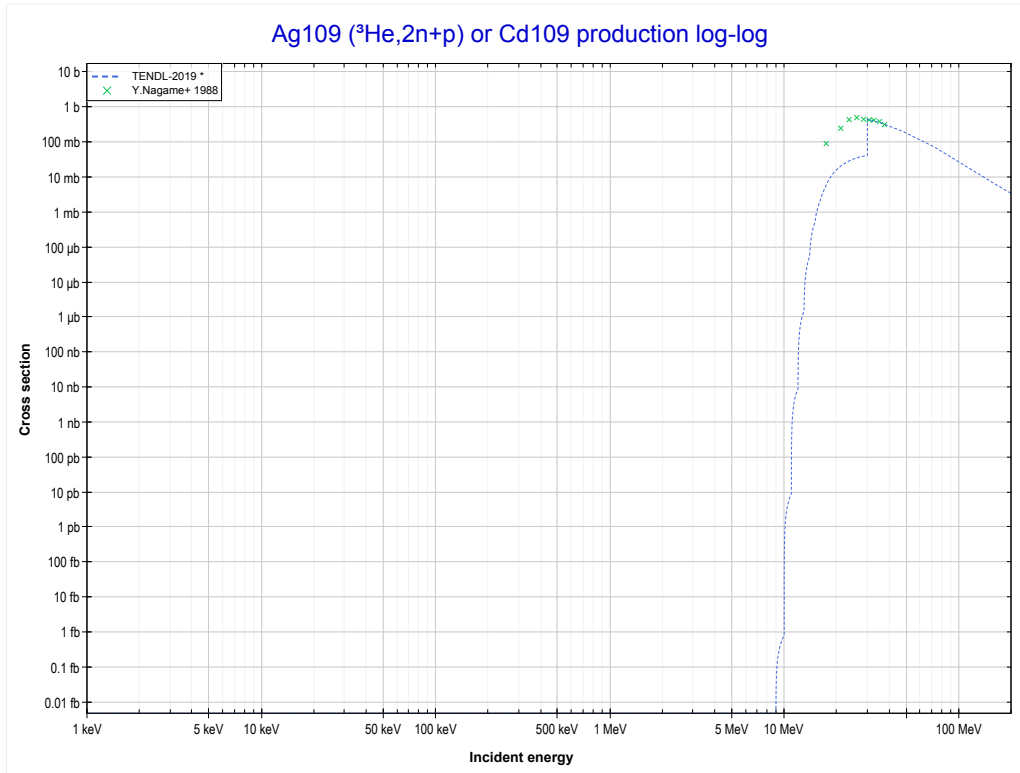
Reaction	Q-Value
Ag109($\text{He}3,3n$)In109	-11512.13 keV

<< 47-Ag-107	47-Ag-109	62-Sm-147 >>
<< MT17 (³ He,3n)	MT37 (³He,4n) or MT5 (In108 production)	MT41 (³ He,2n+p) >>



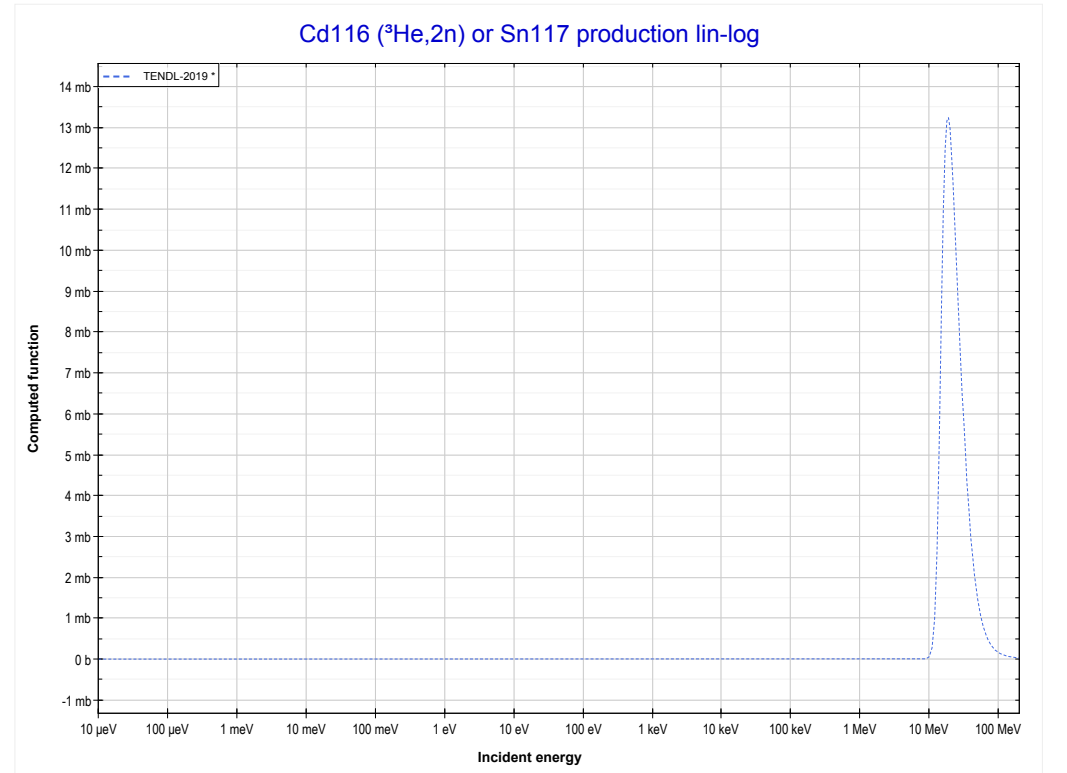
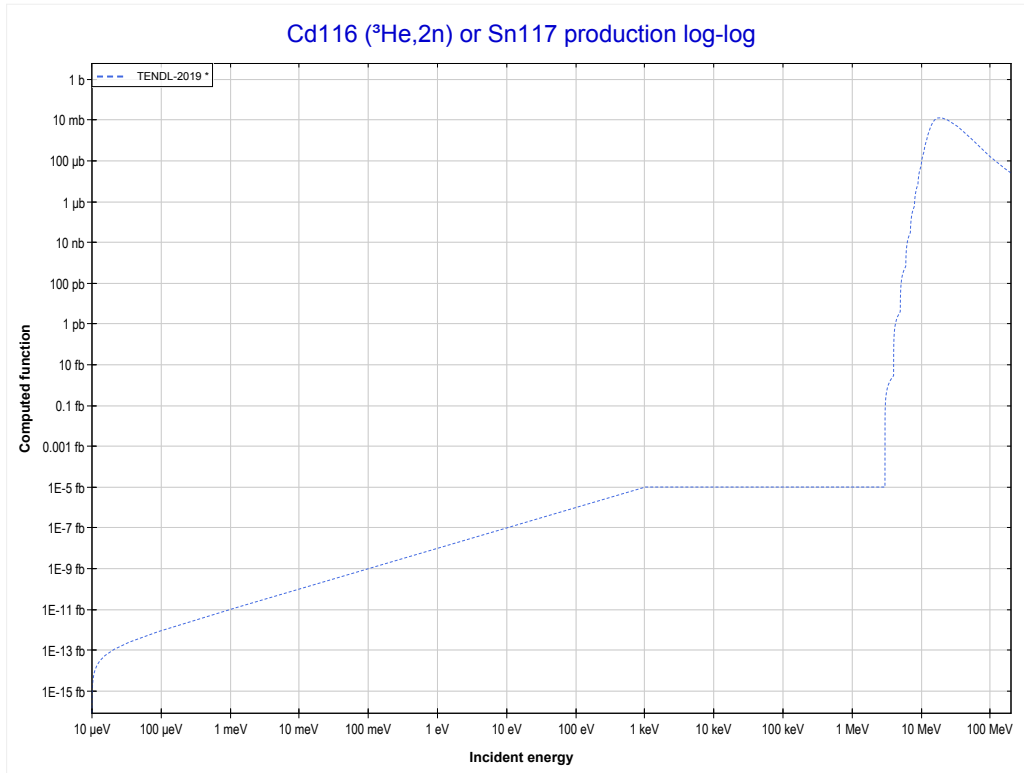
Reaction	Q-Value
Ag109(He3,4n)In108	-21953.45 keV

<< 44-Ru-102	47-Ag-109	62-Sm-147 >>
<< MT37 (³ He,4n)	MT41 (³He,2n+p) or MT5 (Cd109 production)	48-Cd-116 MT16 (³ He,2n) >>



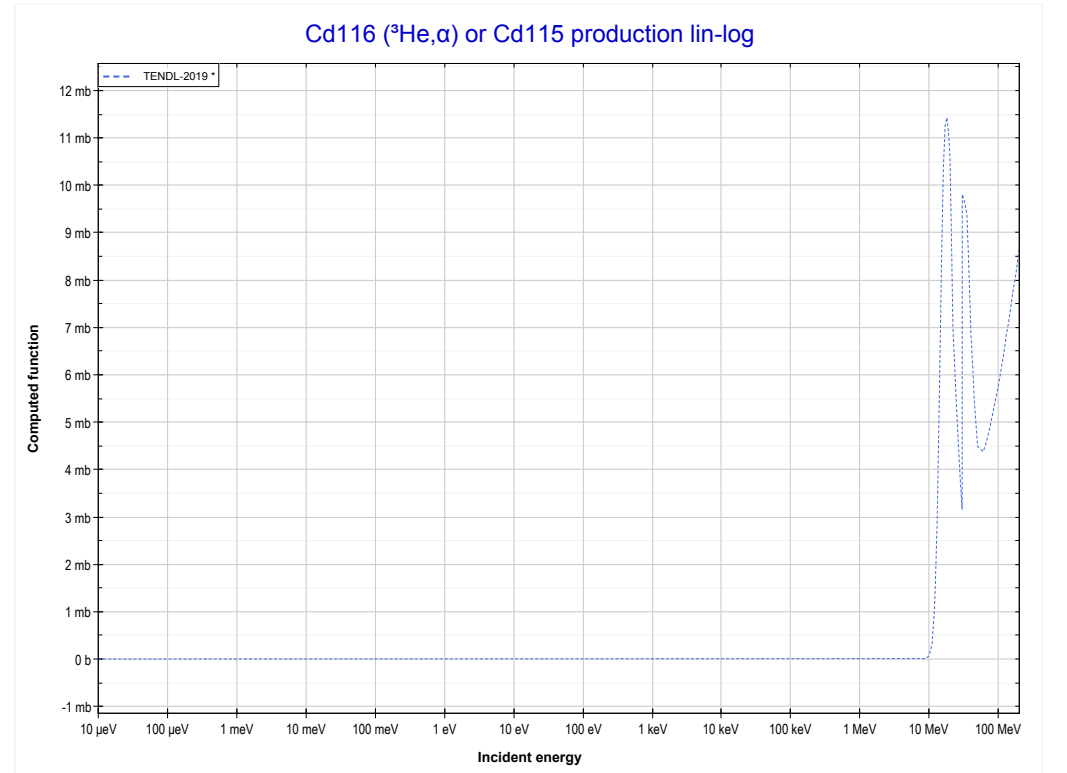
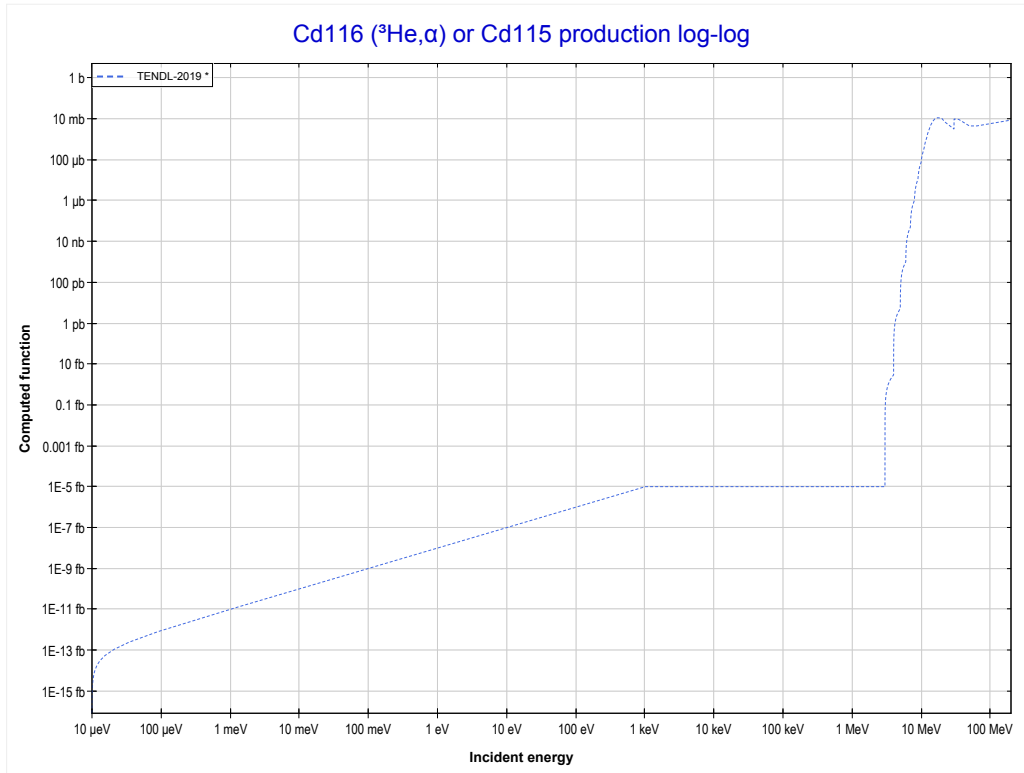
Reaction	Q-Value
Ag109(He3,t)Cd109	-233.69 keV
Ag109(He3,n+d)Cd109	-6490.92 keV
Ag109(He3,2n+p)Cd109	-8715.49 keV

<< 47-Ag-109	48-Cd-116	51-Sb-123 >>
<< 47-Ag-109 MT41 ($^3\text{He},2n+p$)	MT16 ($^3\text{He},2n$) or MT5 (Sn117 production)	MT107 ($^3\text{He},\alpha$) >>



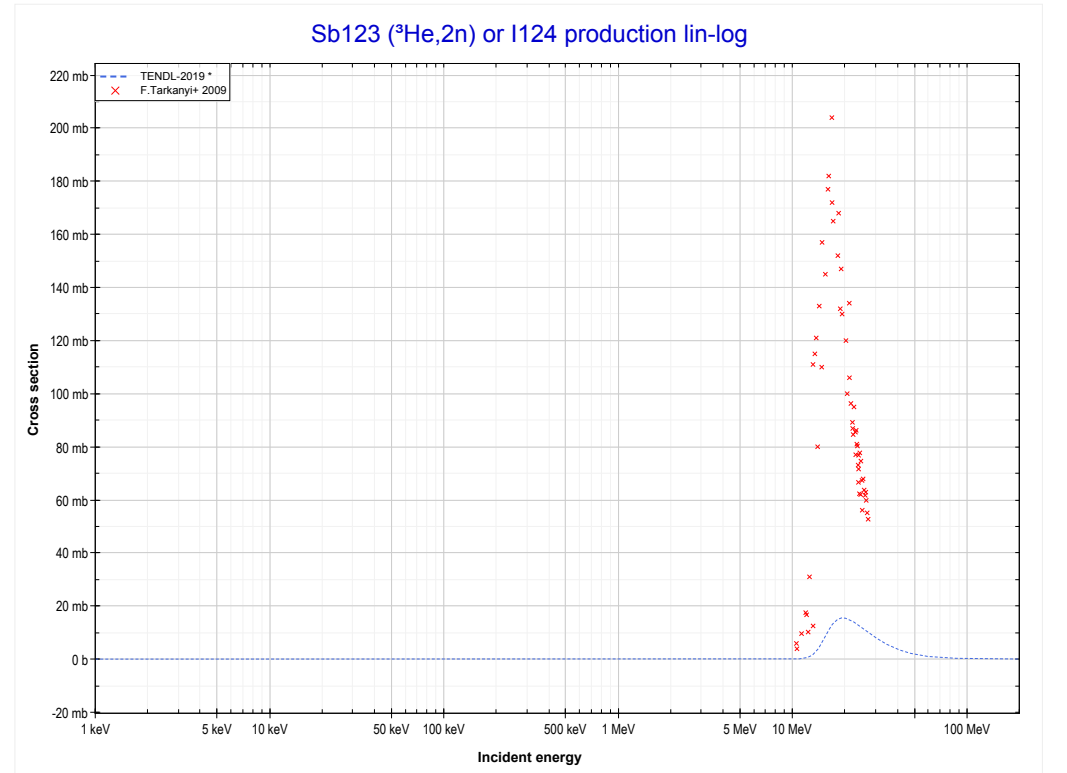
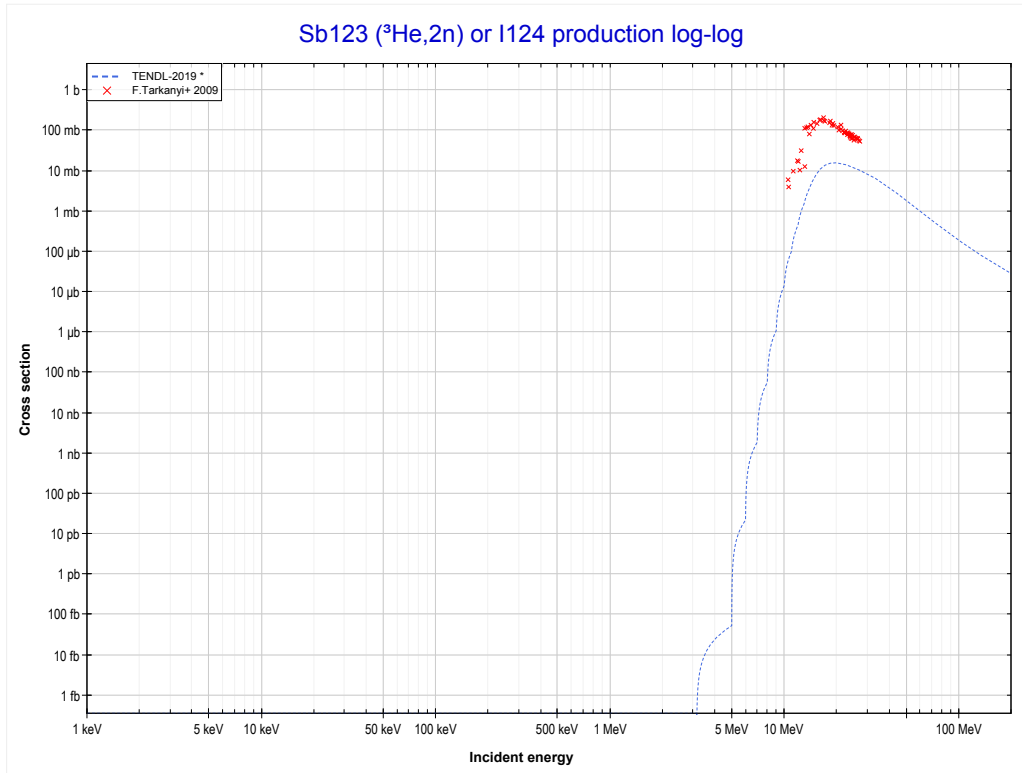
Reaction	Q-Value
Cd116($\text{He}3,2n$)Sn117	473.90 keV

<< 47-Ag-107	48-Cd-116	73-Ta-181 >>
<< MT16 (³ He,2n)	MT107 (³He,α) or MT5 (Cd115 production)	51-Sb-123 MT16 (³ He,2n) >>



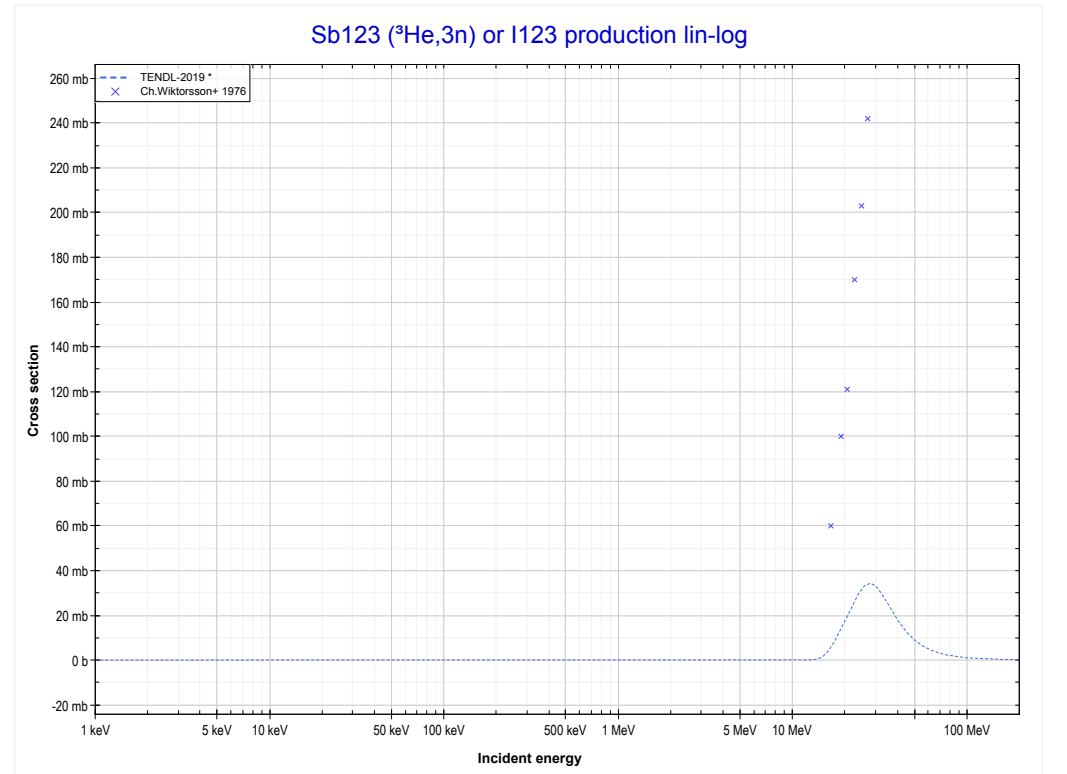
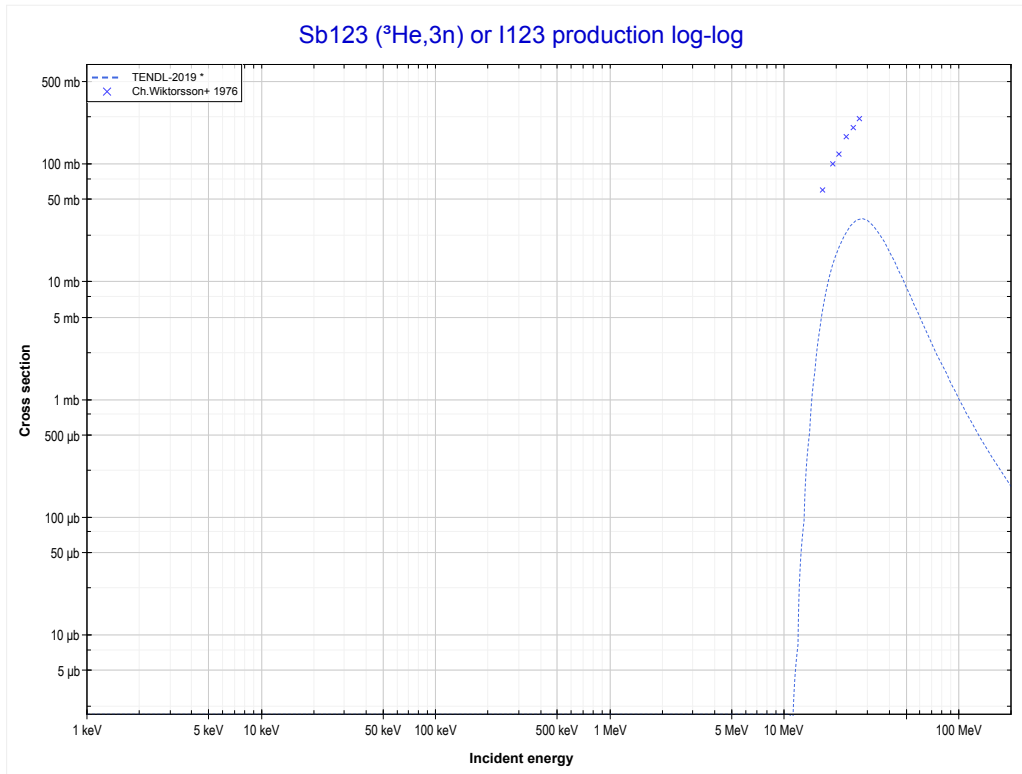
Reaction	Q-Value
Cd116(He3,α)Cd115	11878.32 keV
Cd116(He3,p+t)Cd115	-7935.54 keV
Cd116(He3,n+He3)Cd115	-8699.30 keV
Cd116(He3,2d)Cd115	-11968.21 keV
Cd116(He3,n+p+d)Cd115	-14192.77 keV
Cd116(He3,2n+2p)Cd115	-16417.34 keV

<< 48-Cd-116	51-Sb-123	73-Ta-181 >>
<< 48-Cd-116 MT107 ($^3\text{He},\alpha$)	MT16 ($^3\text{He},2n$) or MT5 (I124 production)	MT17 ($^3\text{He},3n$) >>



Reaction	Q-Value
Sb123(He3,2n)I124	-3069.82 keV

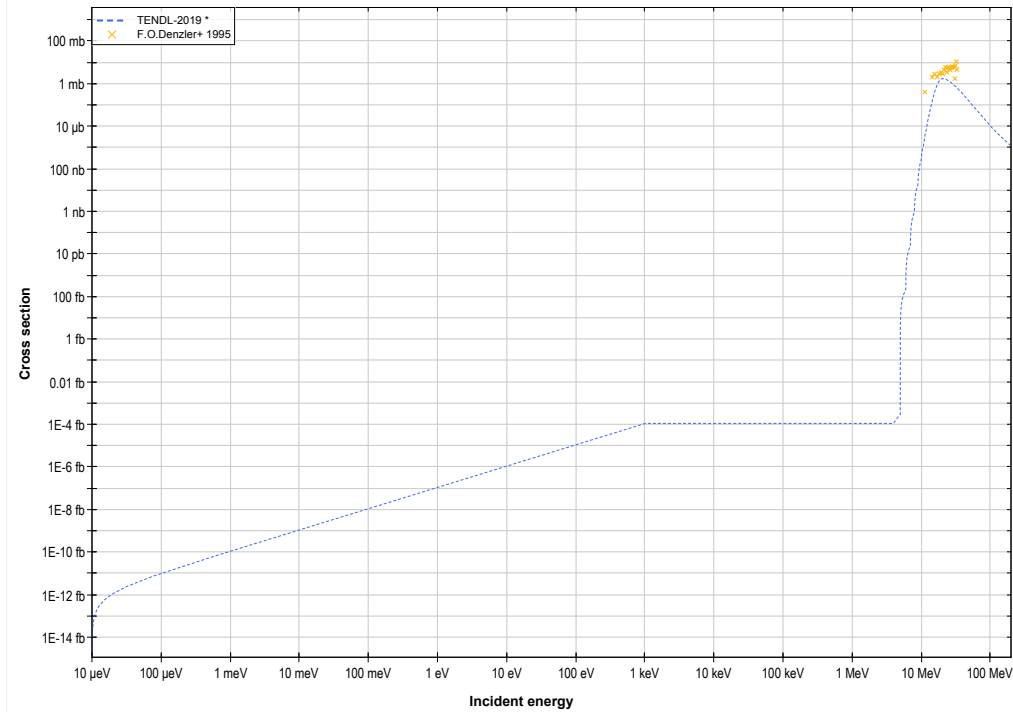
<< 47-Ag-109	51-Sb-123	62-Sm-147 >>
<< MT16 ($^3\text{He},2n$)	MT17 ($^3\text{He},3n$) or MT5 (I123 production)	62-Sm-147 MT4 ($^3\text{He},n$) >>



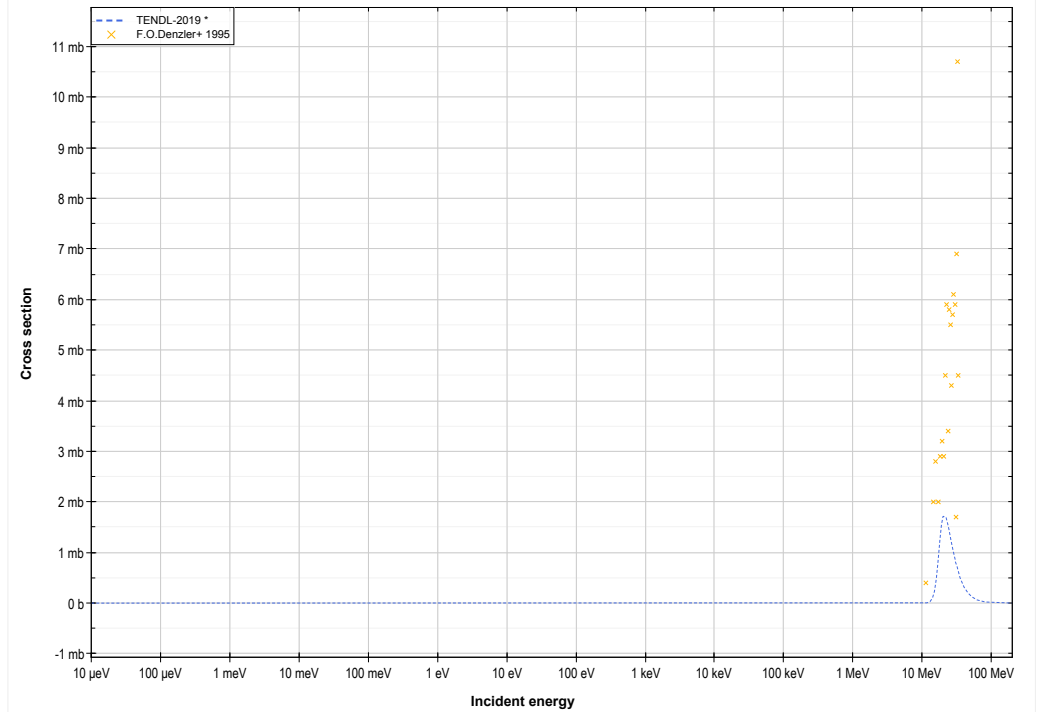
Reaction	Q-Value
Sb123(He3,3n)I123	-10562.83 keV

<< 47-Ag-109	62-Sm-147	73-Ta-181 >>
<< 51-Sb-123 MT17 (³ He,3n)	MT4 (³He,n) or MT5 (Gd149 production)	MT11 (³ He,2n+d) >>

Sm147 (³He,n) or Gd149 production log-log

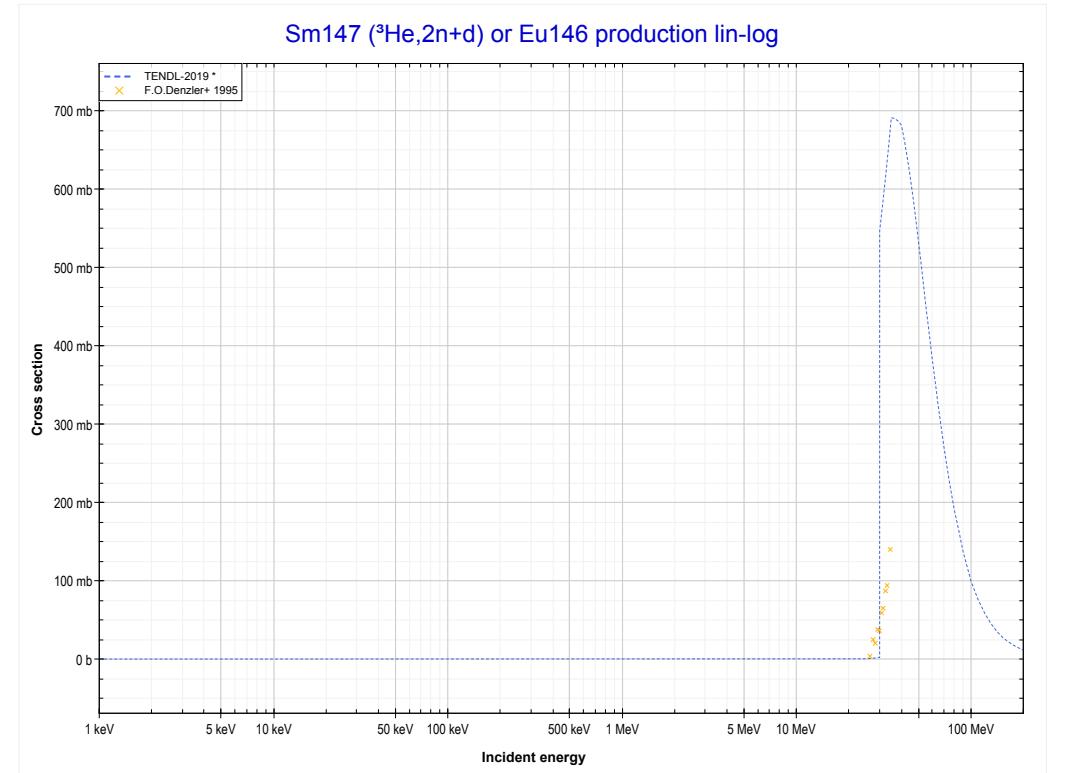
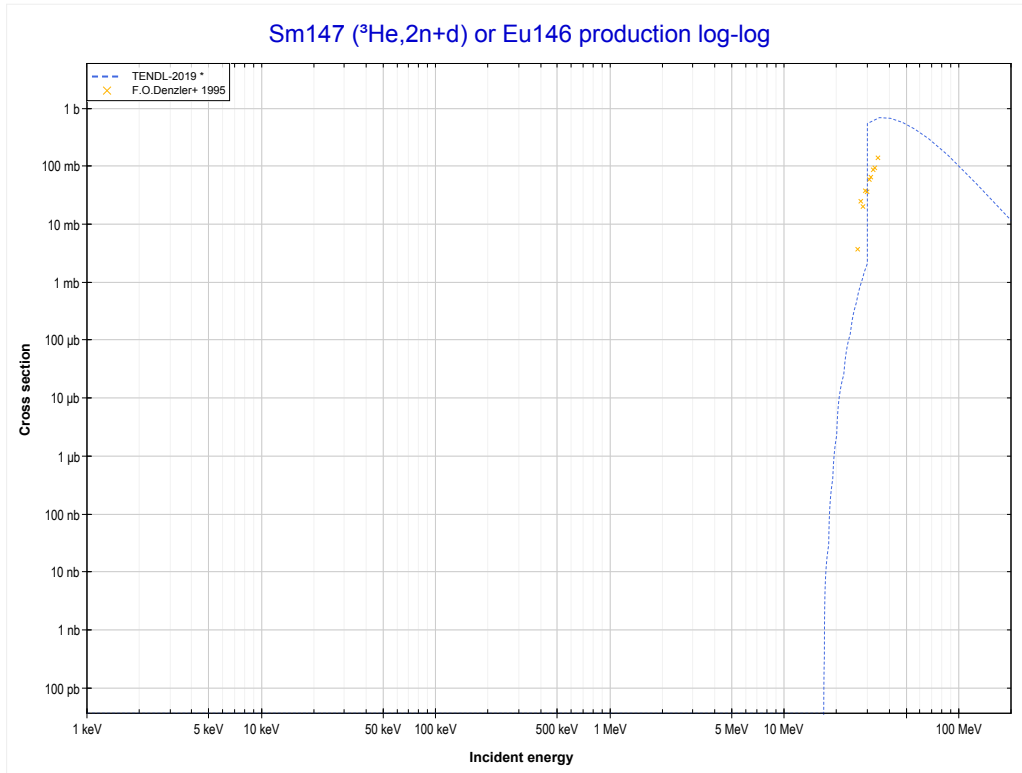


Sm147 (³He,n) or Gd149 production lin-log



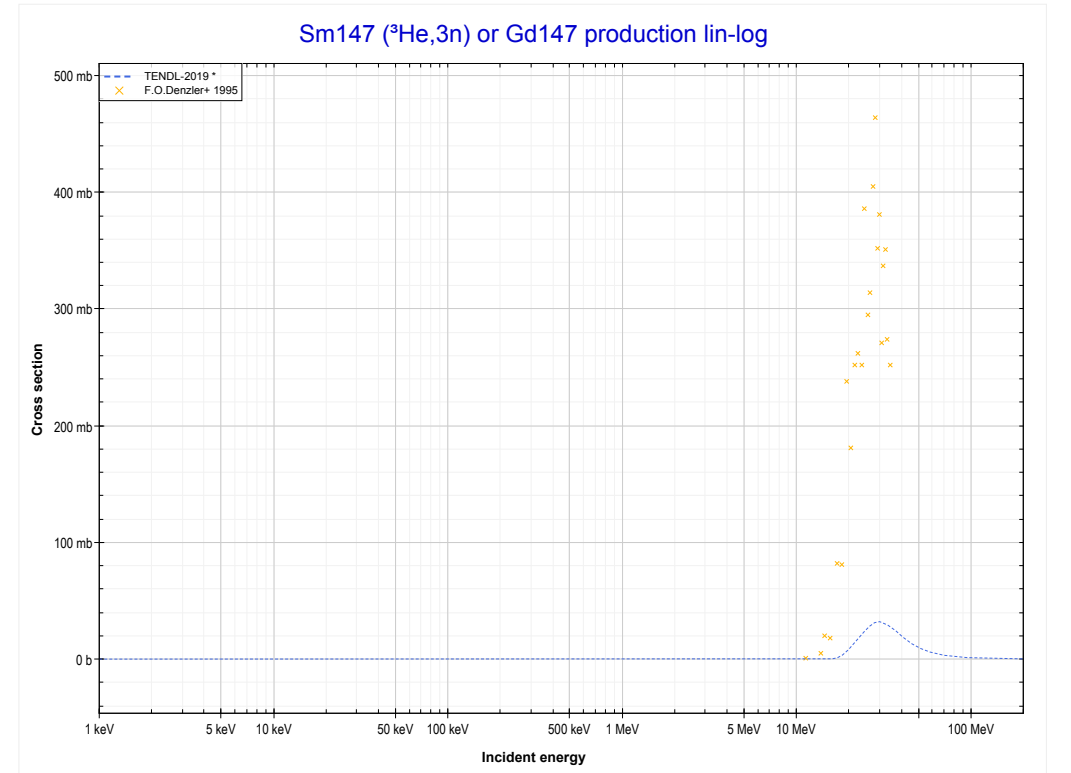
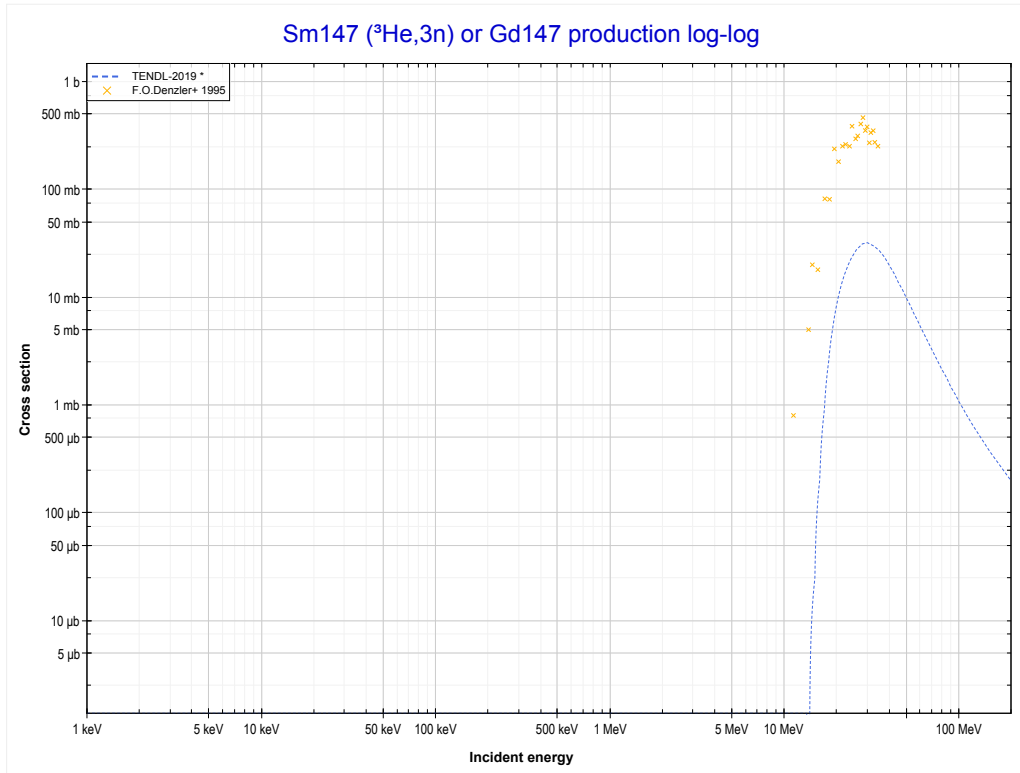
Reaction	Q-Value
Sm147(He3,n)Gd149	2720.50 keV

<< 13-AI-27	62-Sm-147	92-U-235 >>
<< MT4 (³ He,n)	MT11 (³He,2n+d) or MT5 (Eu146 production)	MT17 (³ He,3n) >>



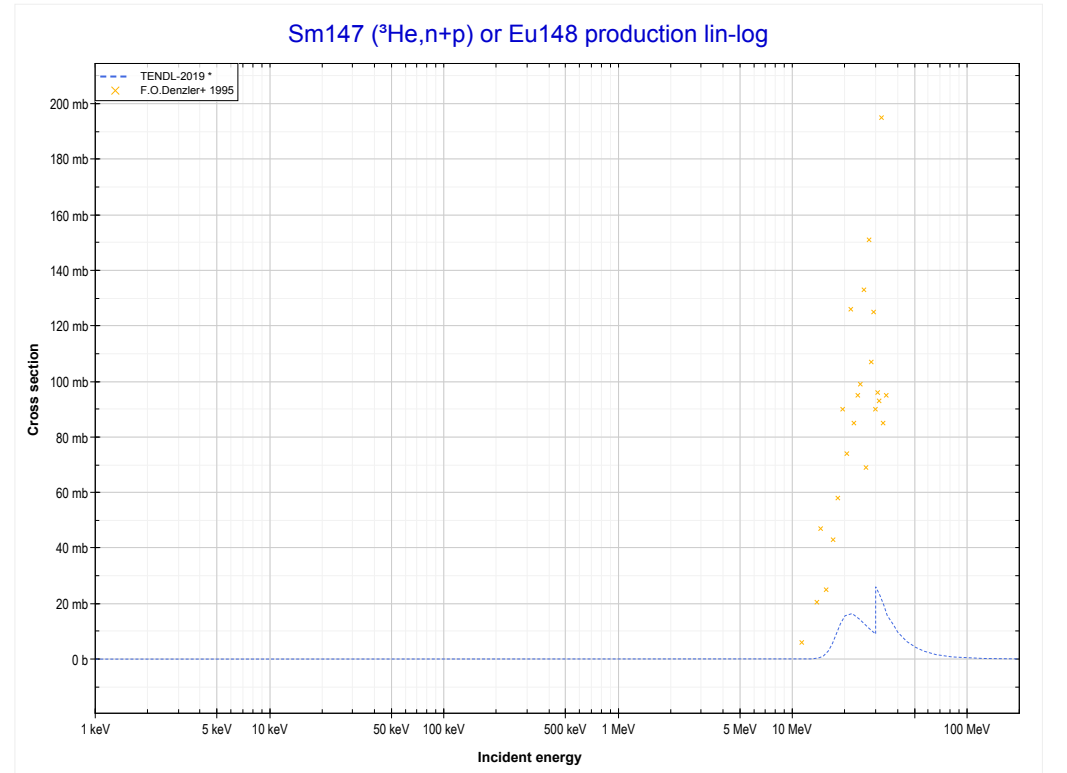
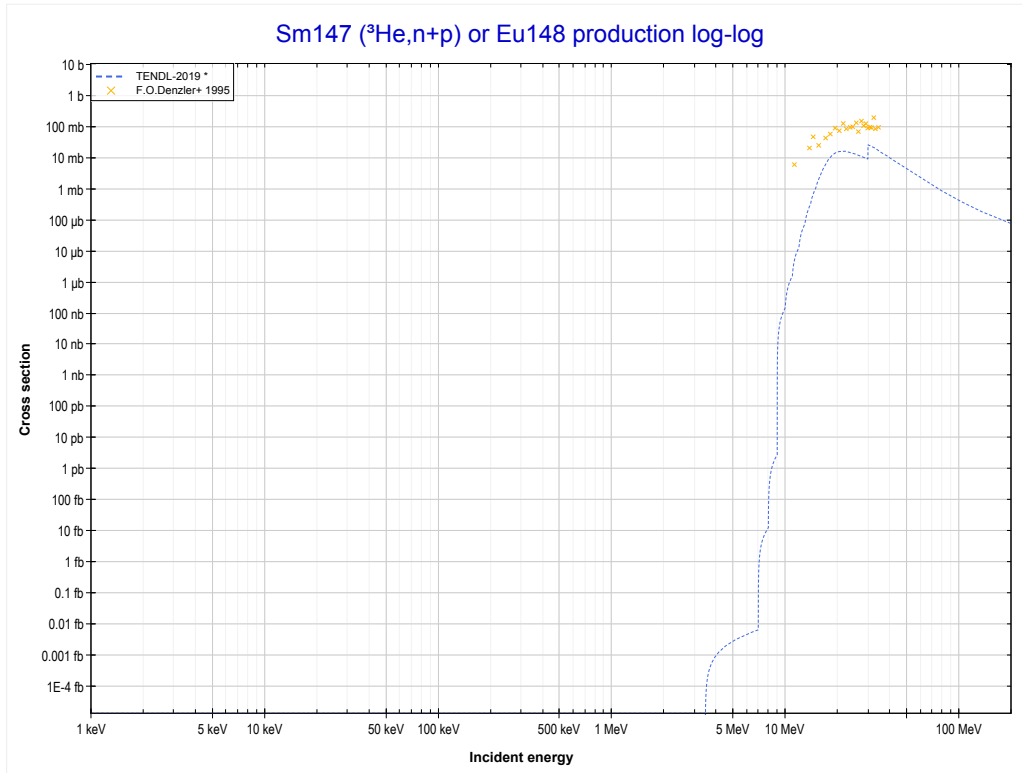
Reaction	Q-Value
Sm147(He3,n+t)Eu146	-10238.31 keV
Sm147(He3,2n+d)Eu146	-16495.54 keV
Sm147(He3,3n+p)Eu146	-18720.10 keV

<< 51-Sb-123	62-Sm-147	73-Ta-181 >>
<< MT11 ($^3\text{He},2n+d$)	MT17 ($^3\text{He},3n$) or MT5 (Gd147 production)	MT28 ($^3\text{He},n+p$) >>



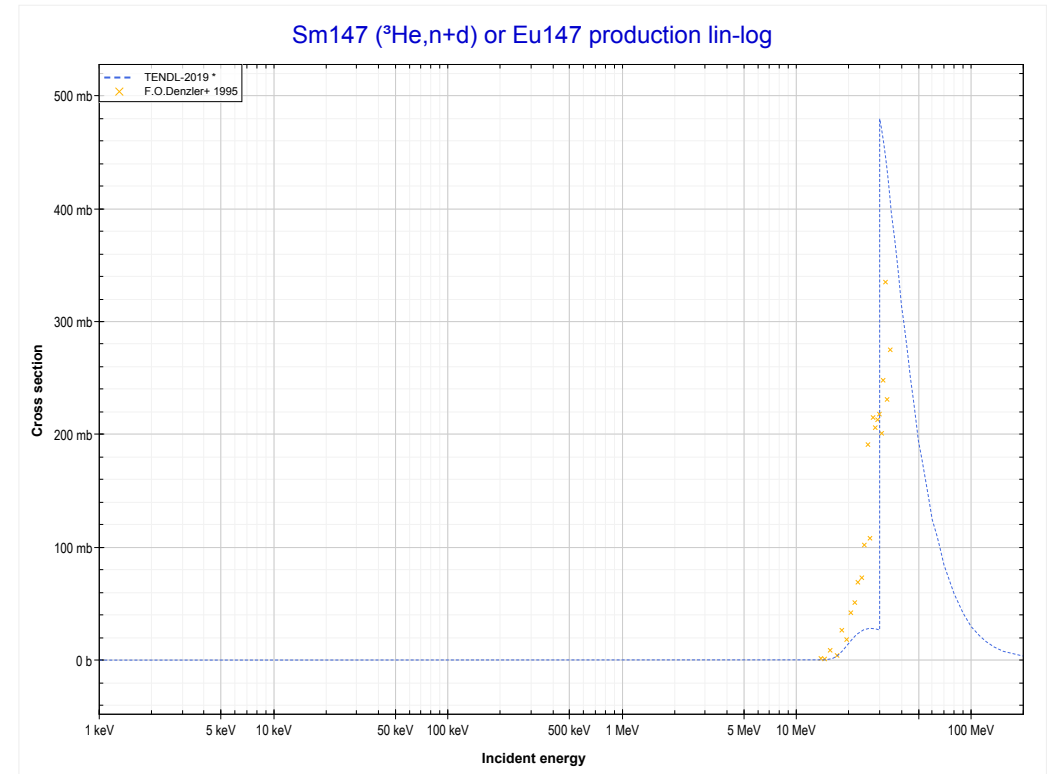
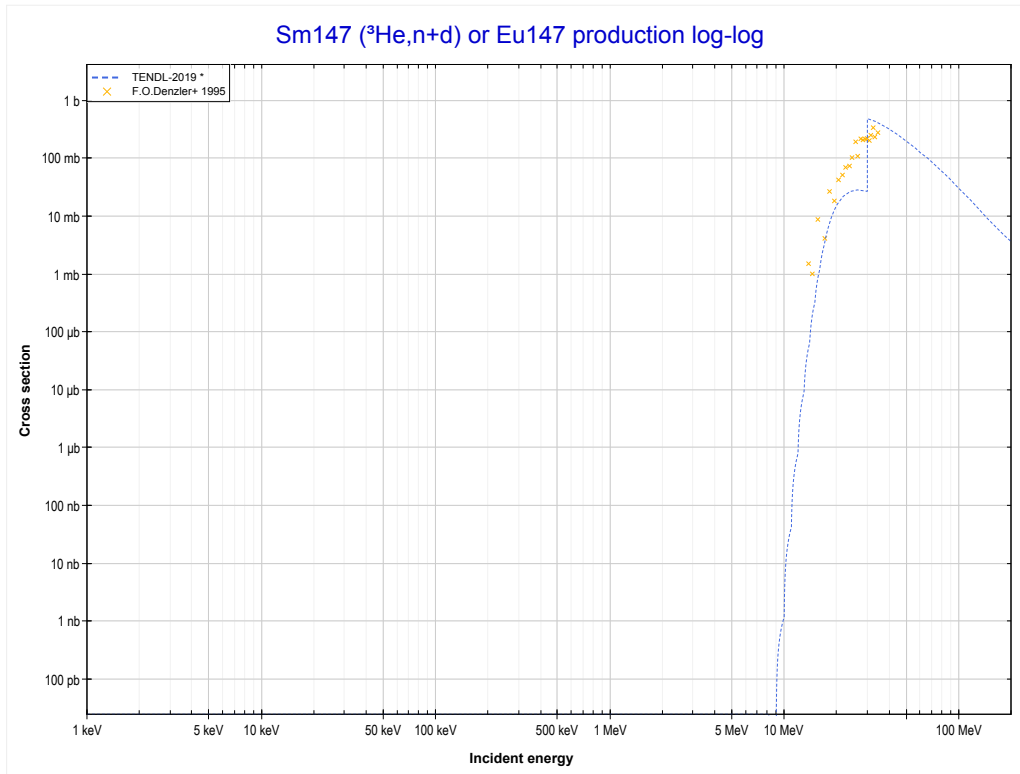
Reaction	Q-Value
Sm147(He3,3n)Gd147	-13192.23 keV

<< 44-Ru-101	62-Sm-147	74-W-183 >>
<< MT17 ($^3\text{He},3n$)	MT28 ($^3\text{He},n+p$) or MT5 (Eu148 production)	MT32 ($^3\text{He},n+d$) >>



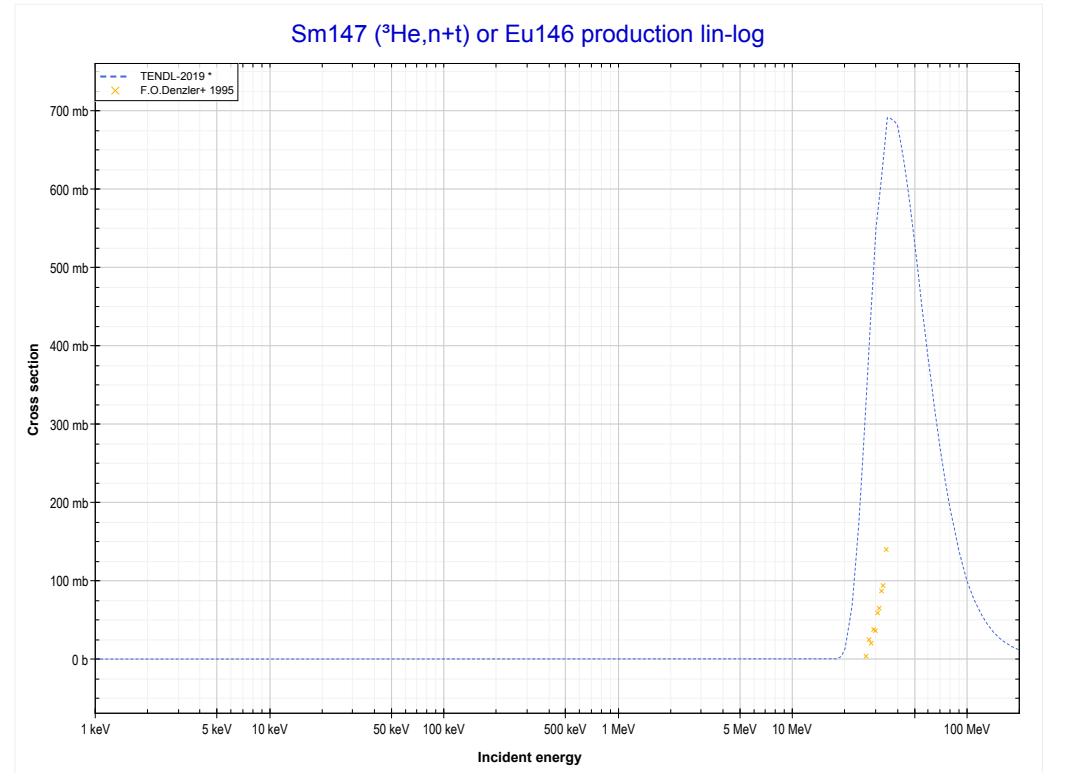
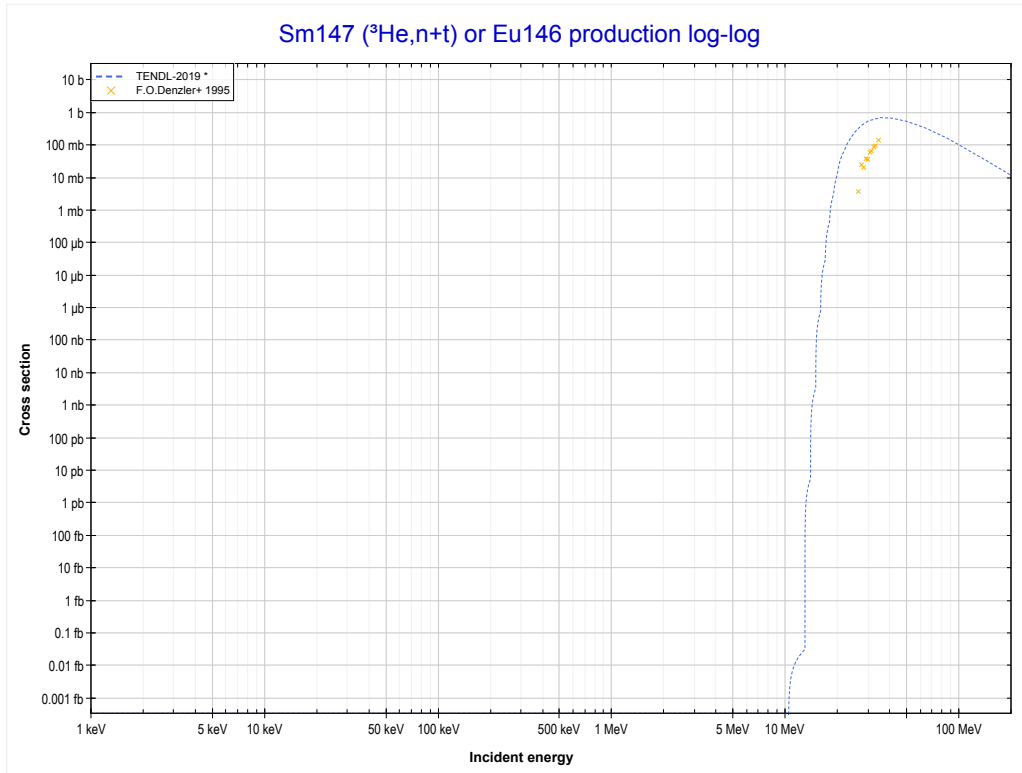
Reaction	Q-Value
Sm147(He3,d)Eu148	-1171.90 keV
Sm147(He3,n+p)Eu148	-3396.47 keV

<< 44-Ru-102	62-Sm-147	74-W-186 >>
<< MT28 (³ He,n+p)	MT32 (³He,n+d) or MT5 (Eu147 production)	MT33 (³ He,n+t) >>



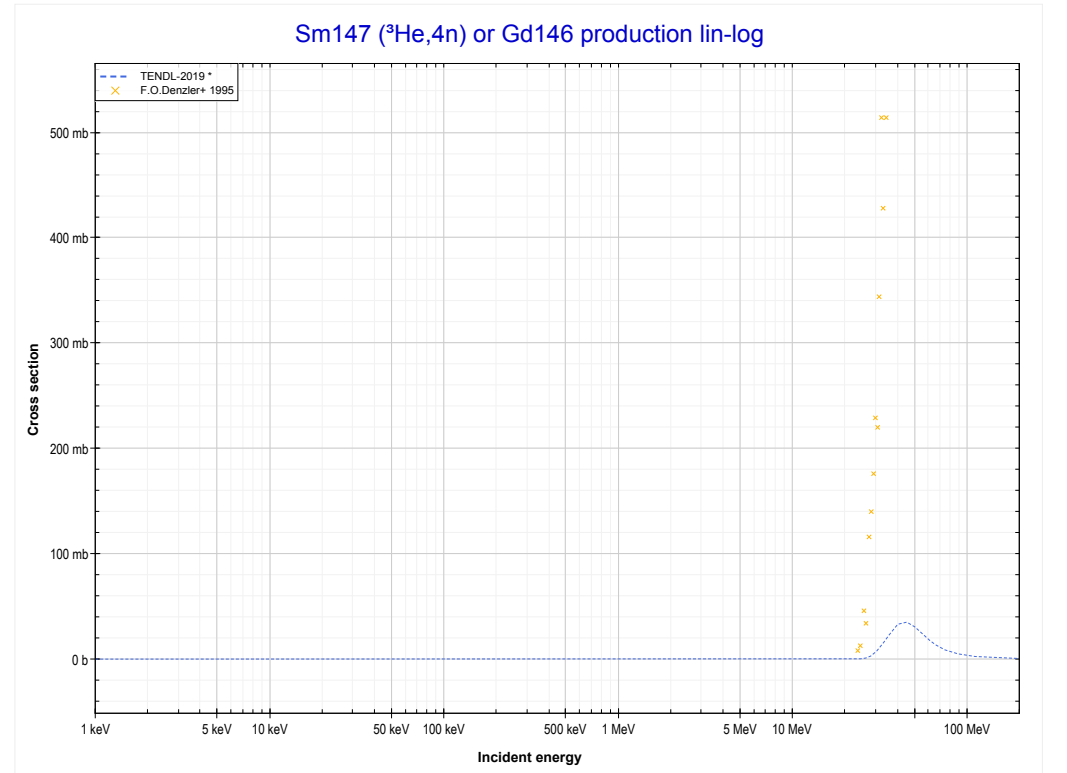
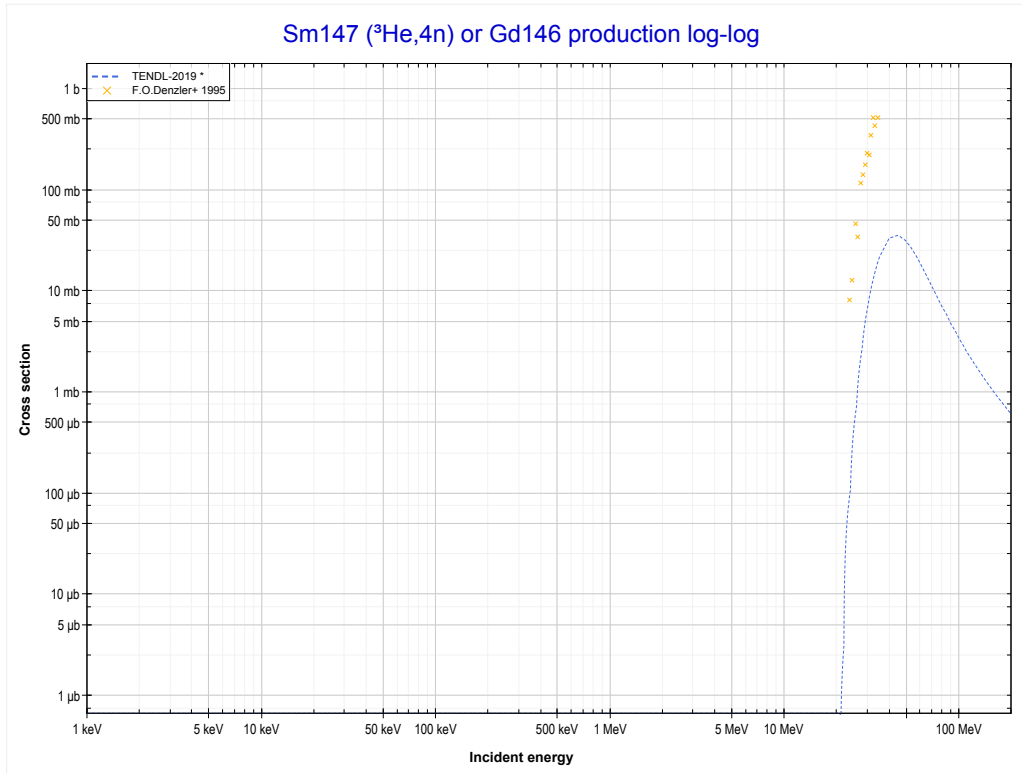
Reaction	Q-Value
Sm147(He3,t)Eu147	-1740.19 keV
Sm147(He3,n+d)Eu147	-7997.42 keV
Sm147(He3,2n+p)Eu147	-10221.99 keV

<< 13-AI-27	62-Sm-147	92-U-235 >>
<< MT32 (³ He,n+d)	MT33 (³He,n+t) or MT5 (Eu146 production)	MT37 (³ He,4n) >>



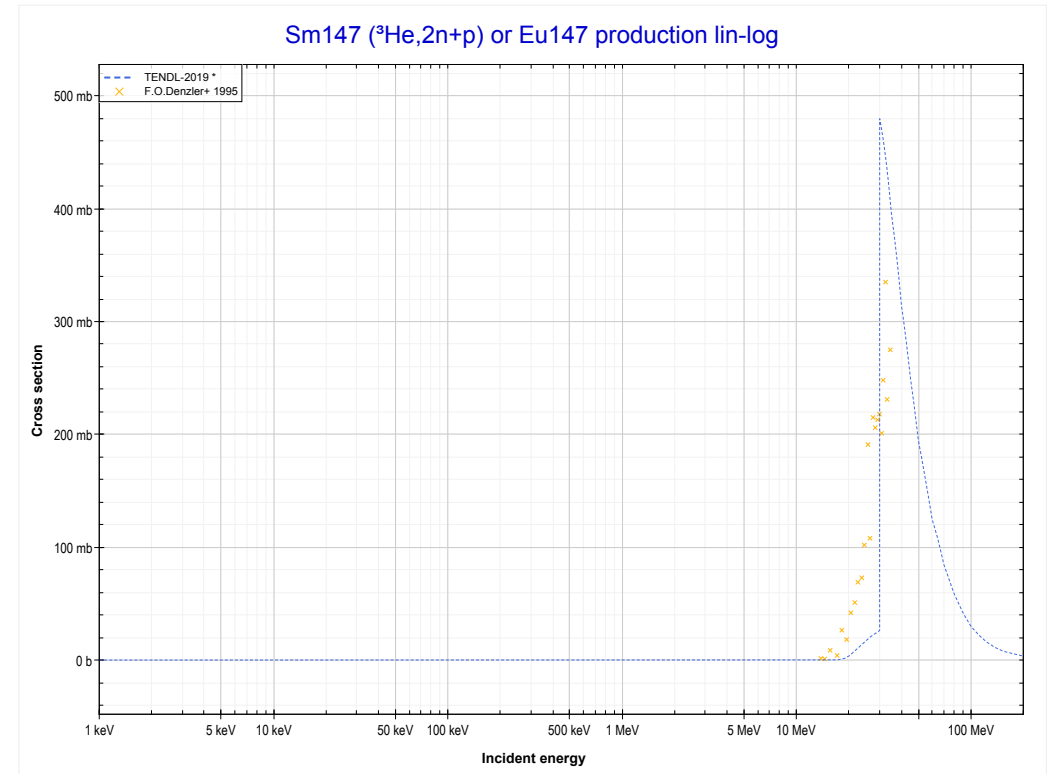
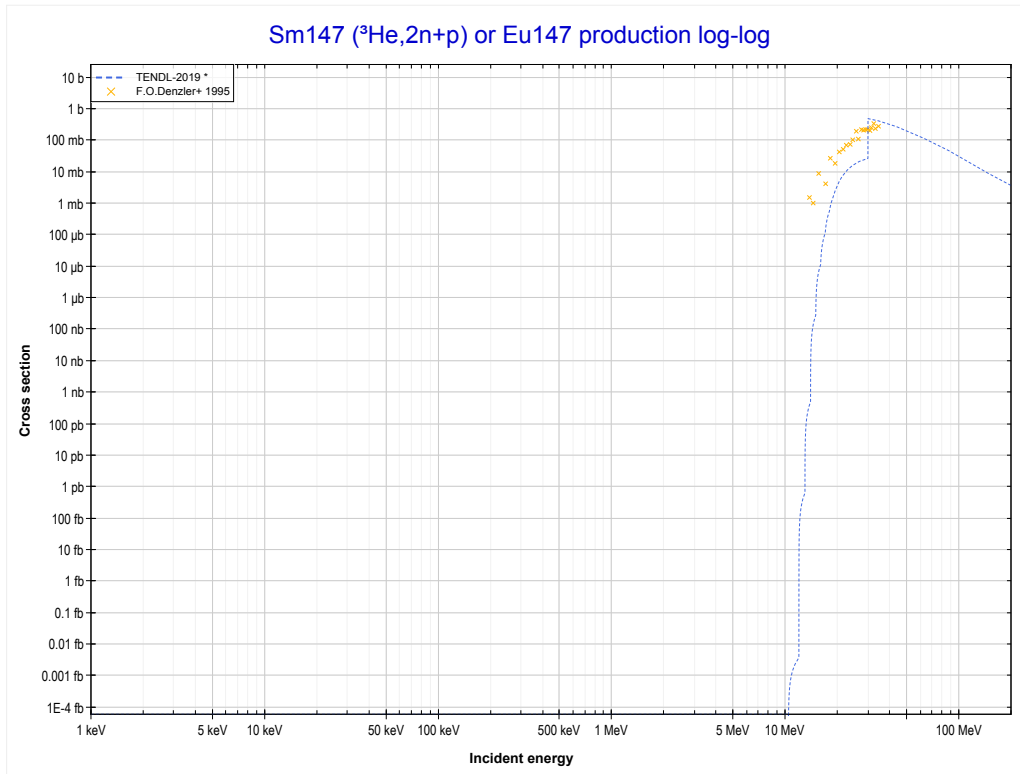
Reaction	Q-Value
Sm147(He3,n+t)Eu146	-10238.31 keV
Sm147(He3,2n+d)Eu146	-16495.54 keV
Sm147(He3,3n+p)Eu146	-18720.10 keV

<< 47-Ag-109	62-Sm-147	73-Ta-181 >>
<< MT33 (³ He,n+t)	MT37 (³He,4n) or MT5 (Gd146 production)	MT41 (³ He,2n+p) >>



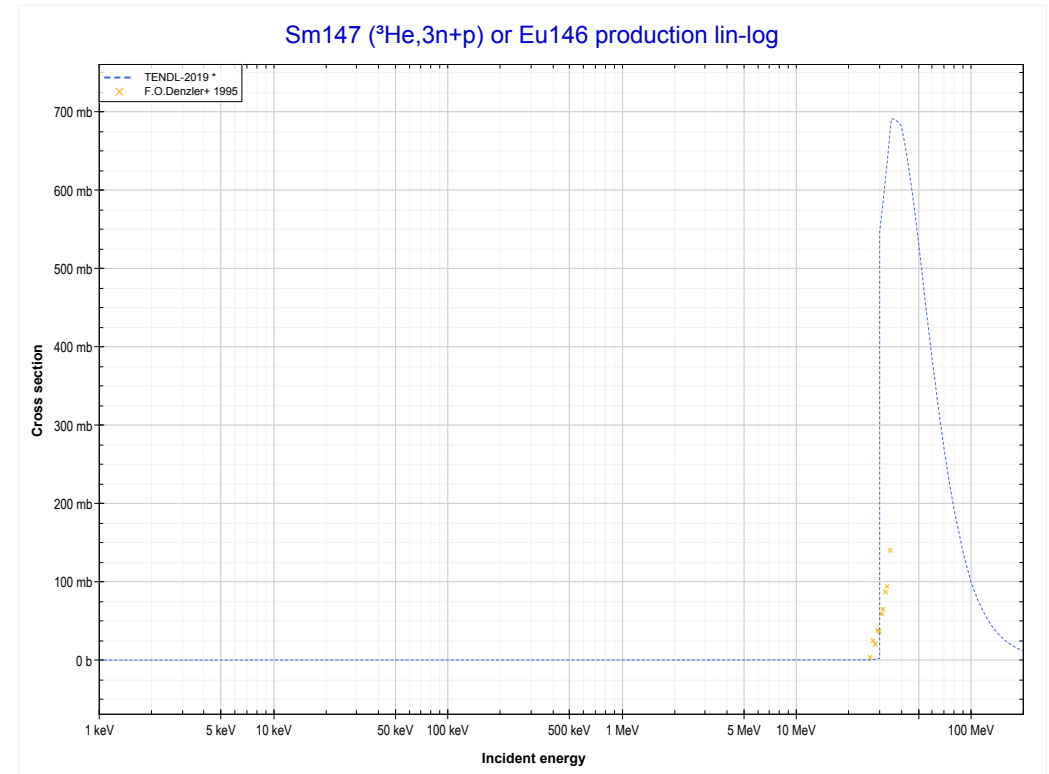
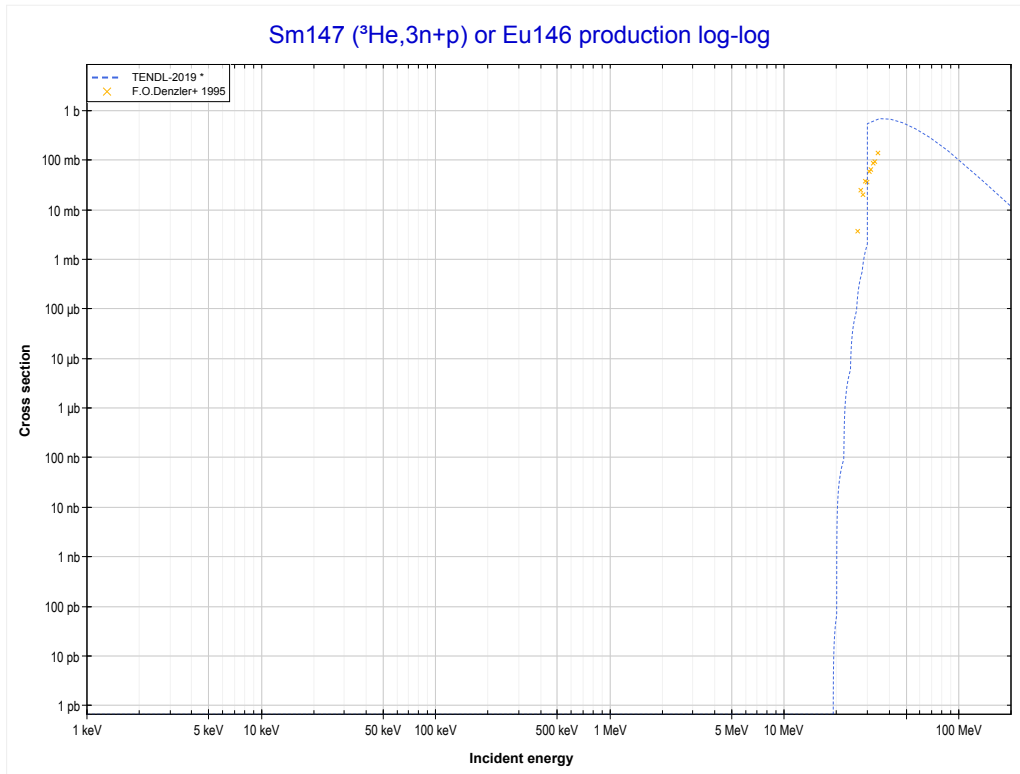
Reaction	Q-Value
Sm147(He3,4n)Gd146	-20534.45 keV

<< 47-Ag-109	62-Sm-147	74-W-186 >>
<< MT37 (³ He,4n)	MT41 (³He,2n+p) or MT5 (Eu147 production)	MT42 (³ He,3n+p) >>



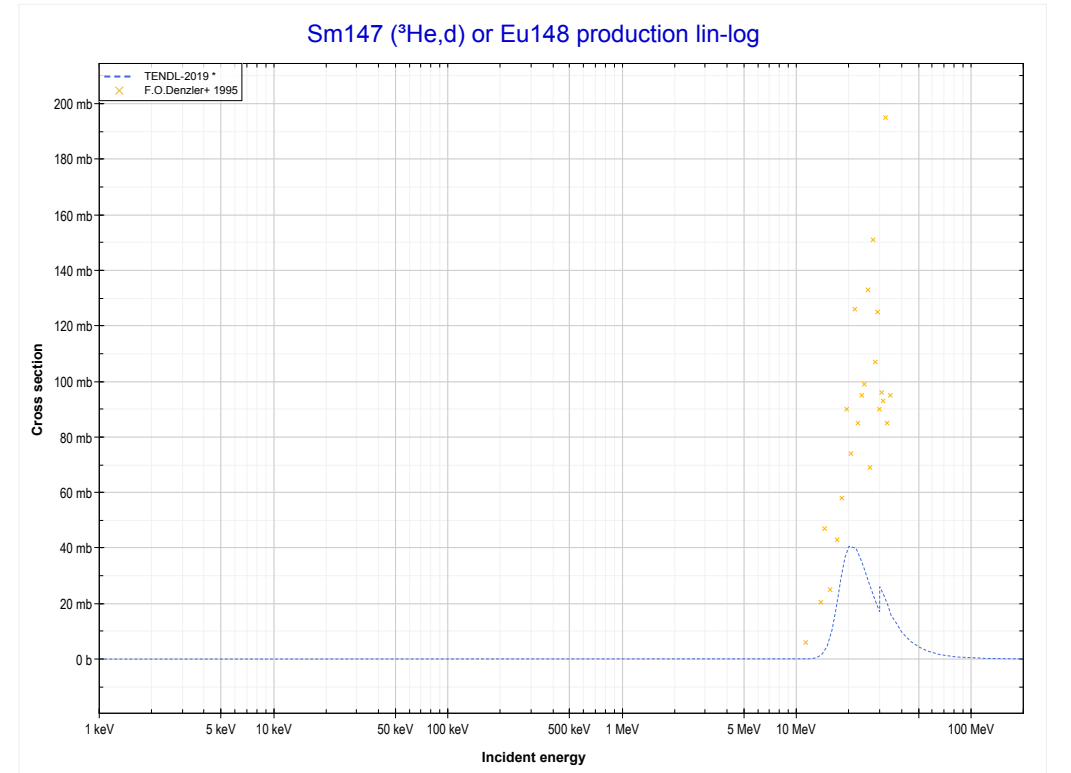
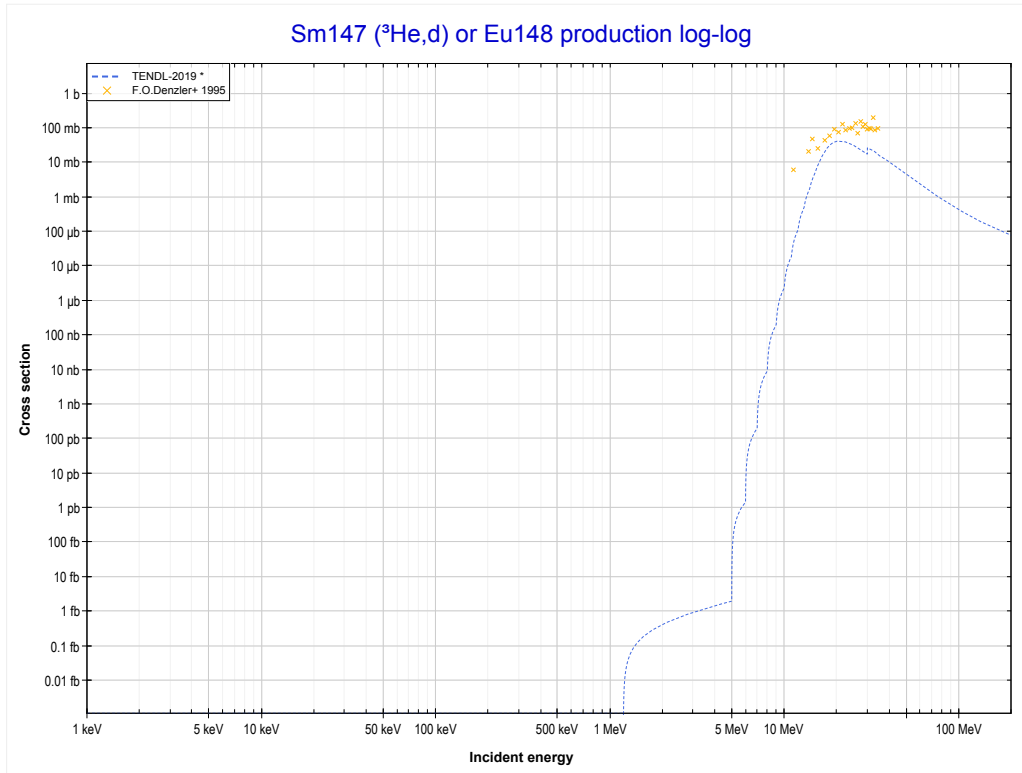
Reaction	Q-Value
Sm147(He3,t)Eu147	-1740.19 keV
Sm147(He3,n+d)Eu147	-7997.42 keV
Sm147(He3,2n+p)Eu147	-10221.99 keV

<< 34-Se-77	62-Sm-147	92-U-235 >>
<< MT41 (³ He,2n+p)	MT42 (³He,3n+p) or MT5 (Eu146 production)	MT104 (³ He,d) >>



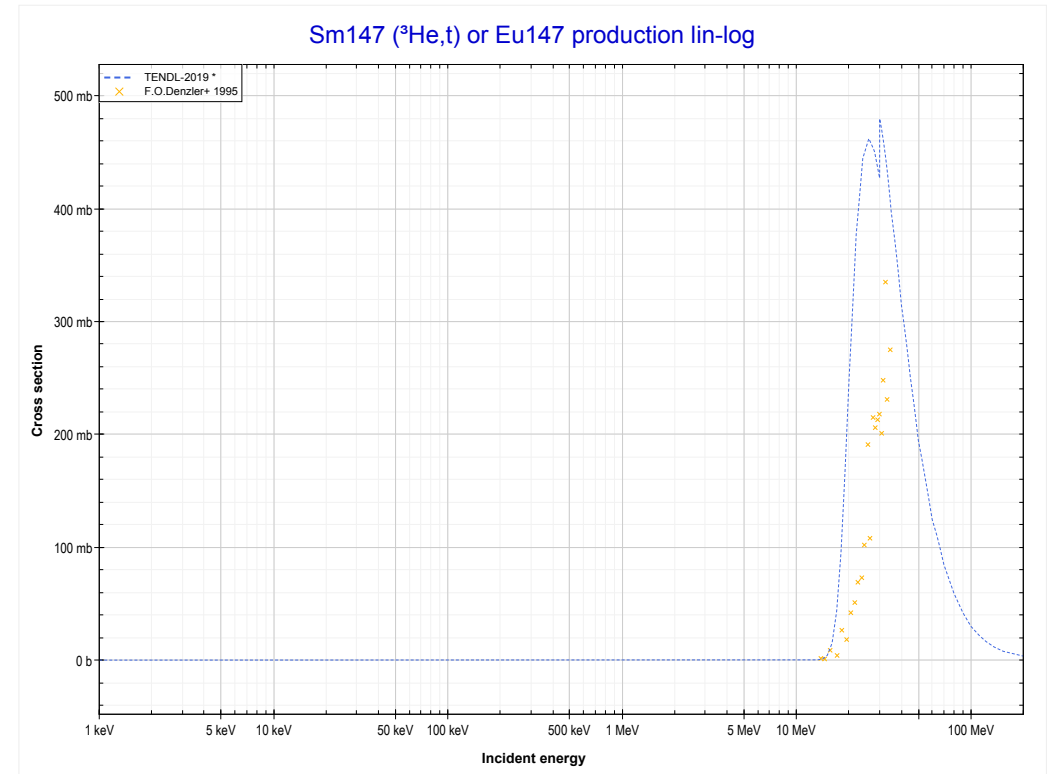
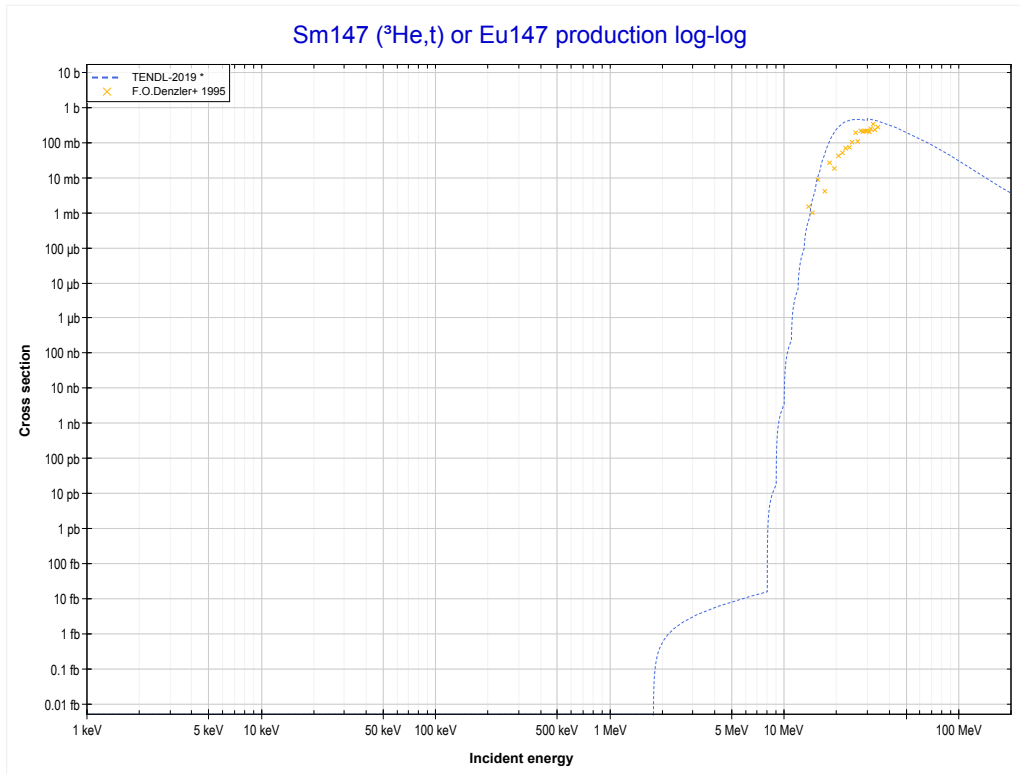
Reaction	Q-Value
Sm147(He3,n+t)Eu146	-10238.31 keV
Sm147(He3,2n+d)Eu146	-16495.54 keV
Sm147(He3,3n+p)Eu146	-18720.10 keV

<< 44-Ru-101	62-Sm-147	74-W-183 >>
<< MT42 (³ He,3n+p)	MT104 (³He,d) or MT5 (Eu148 production)	MT105 (³ He,t) >>



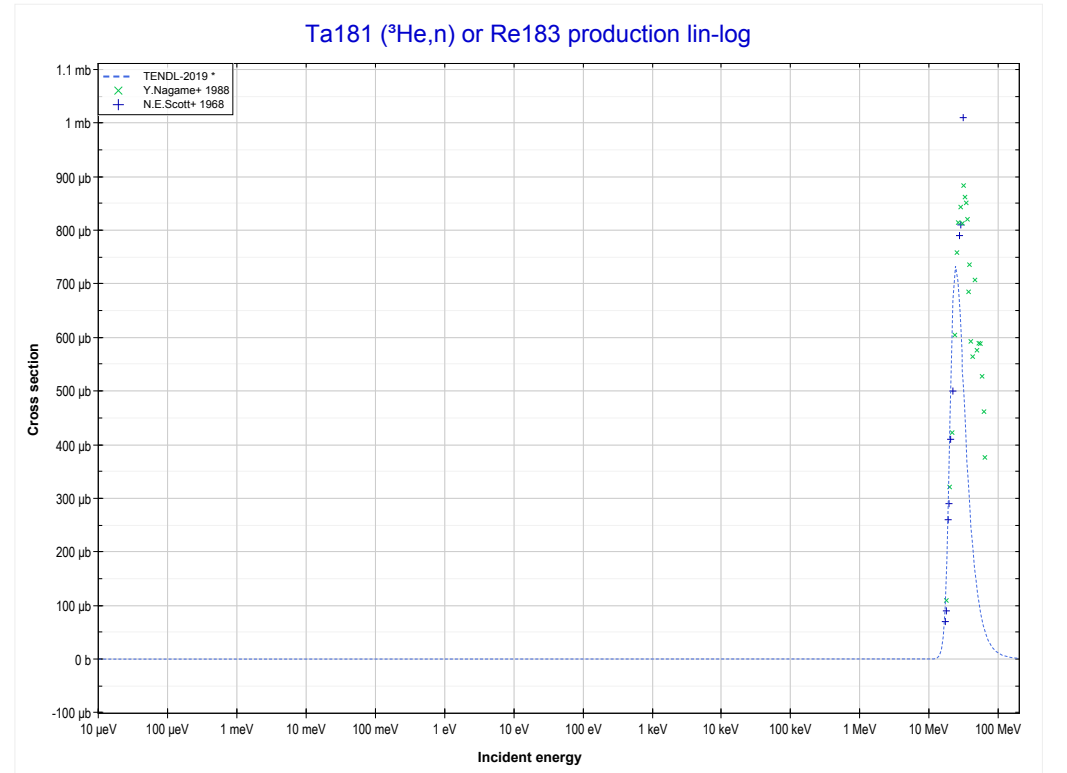
Reaction	Q-Value
Sm147(He3,d)Eu148	-1171.90 keV
Sm147(He3,n+p)Eu148	-3396.47 keV

<< 44-Ru-102	62-Sm-147	74-W-186 >>
<< MT104 (³ He,d)	MT105 (³He,t) or MT5 (Eu147 production)	73-Ta-181 MT4 (³ He,n) >>



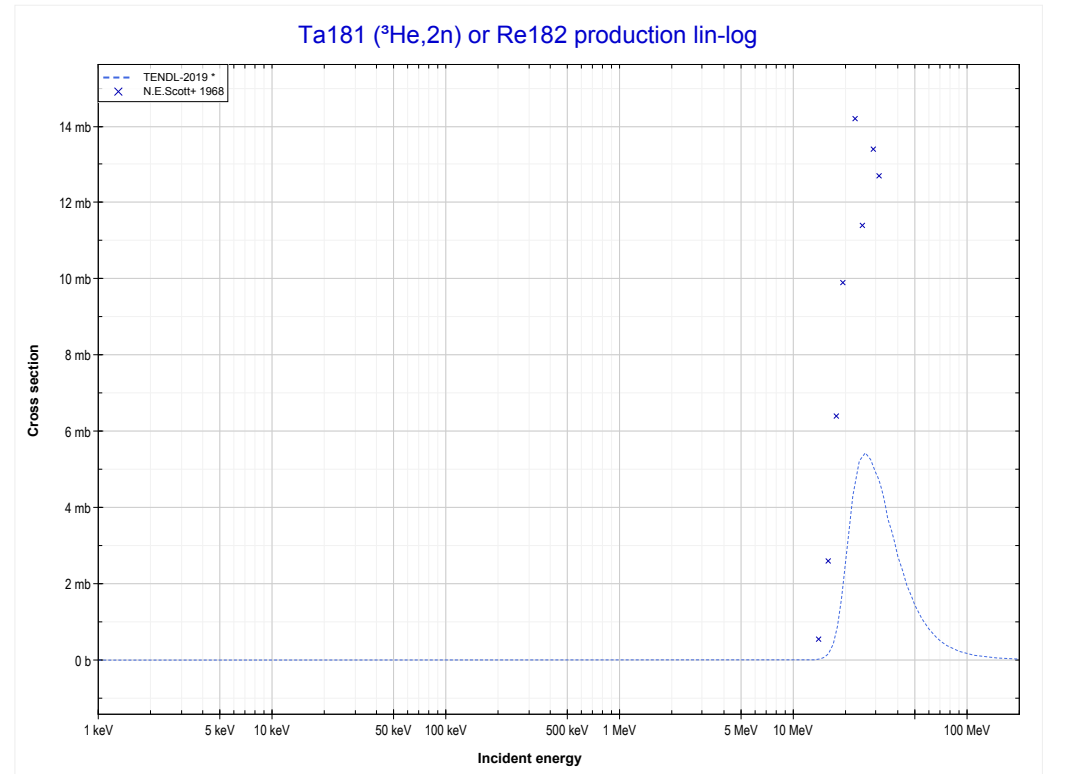
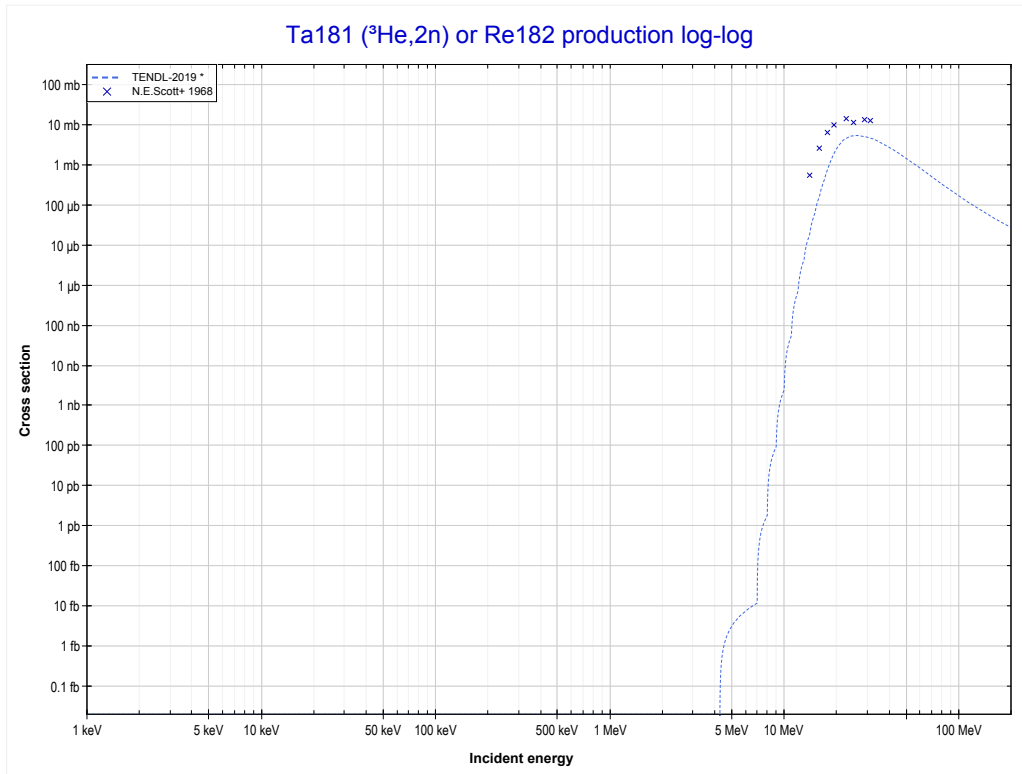
Reaction	Q-Value
Sm147(He3,t)Eu147	-1740.19 keV
Sm147(He3,n+d)Eu147	-7997.42 keV
Sm147(He3,2n+p)Eu147	-10221.99 keV

<< 62-Sm-147	73-Ta-181	82-Pb-208 >>
<< 62-Sm-147 MT105 (³ He,t)	MT4 (³He,n) or MT5 (Re183 production)	MT16 (³ He,2n) >>



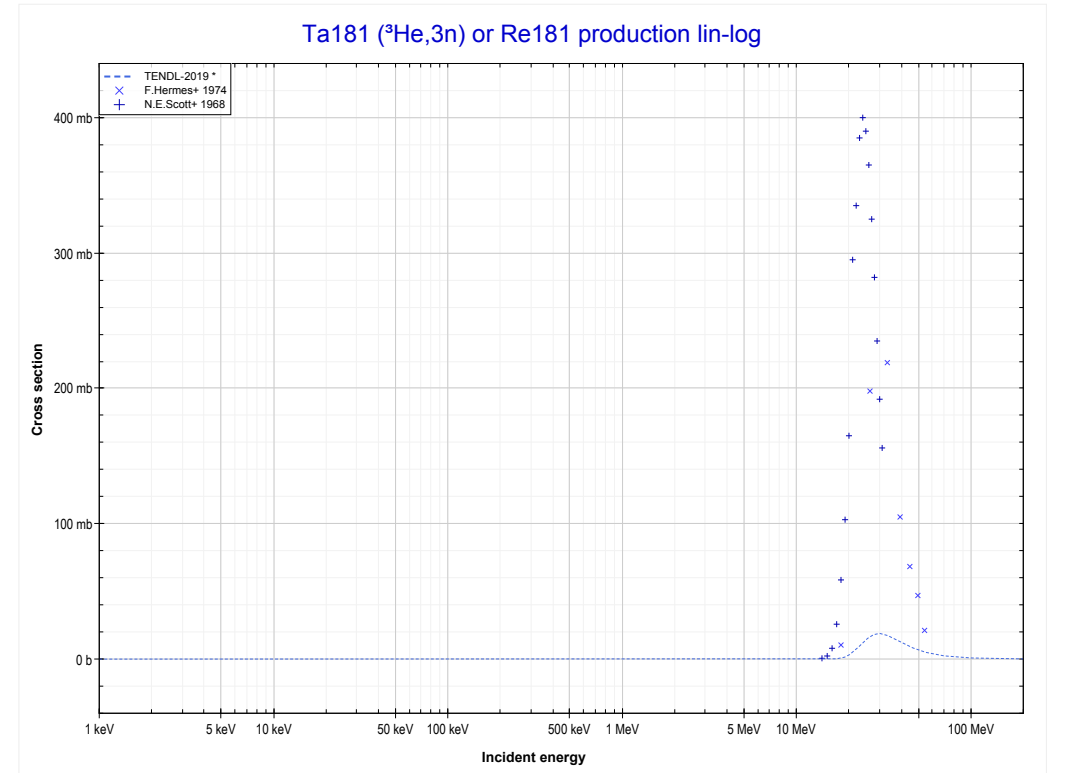
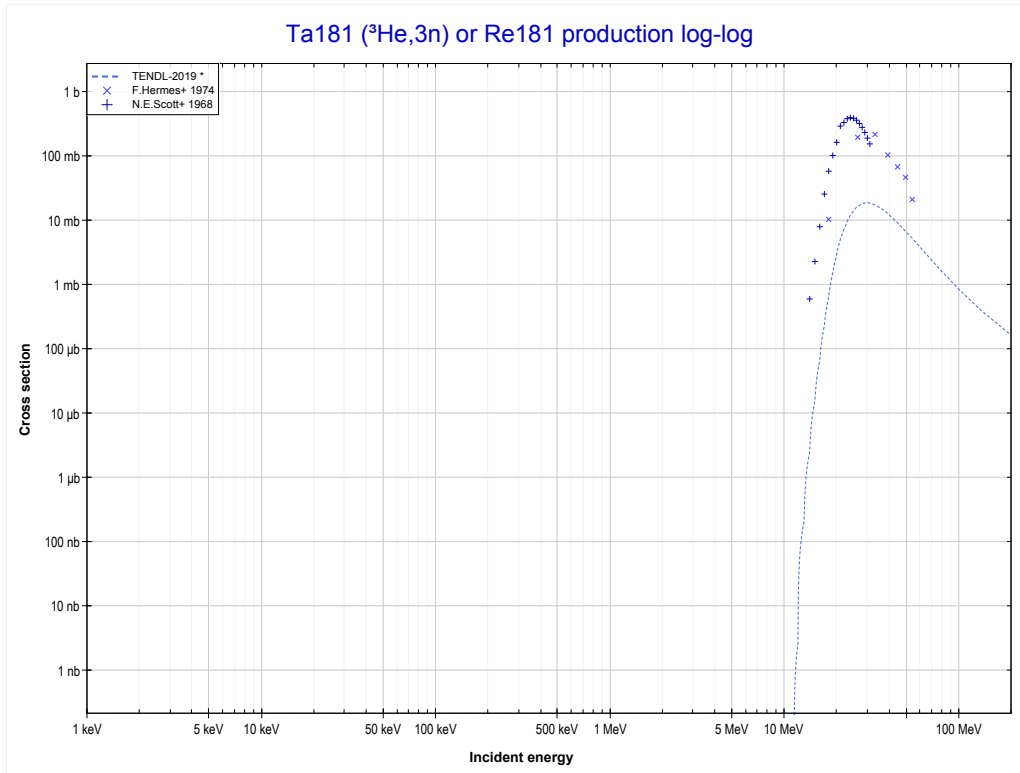
Reaction	Q-Value
Ta181(He3,n)Re183	4231.60 keV

<< 51-Sb-123	73-Ta-181	78-Pt-194 >>
<< MT4 (³ He,n)	MT16 (³He,2n) or MT5 (Re182 production)	MT17 (³ He,3n) >>



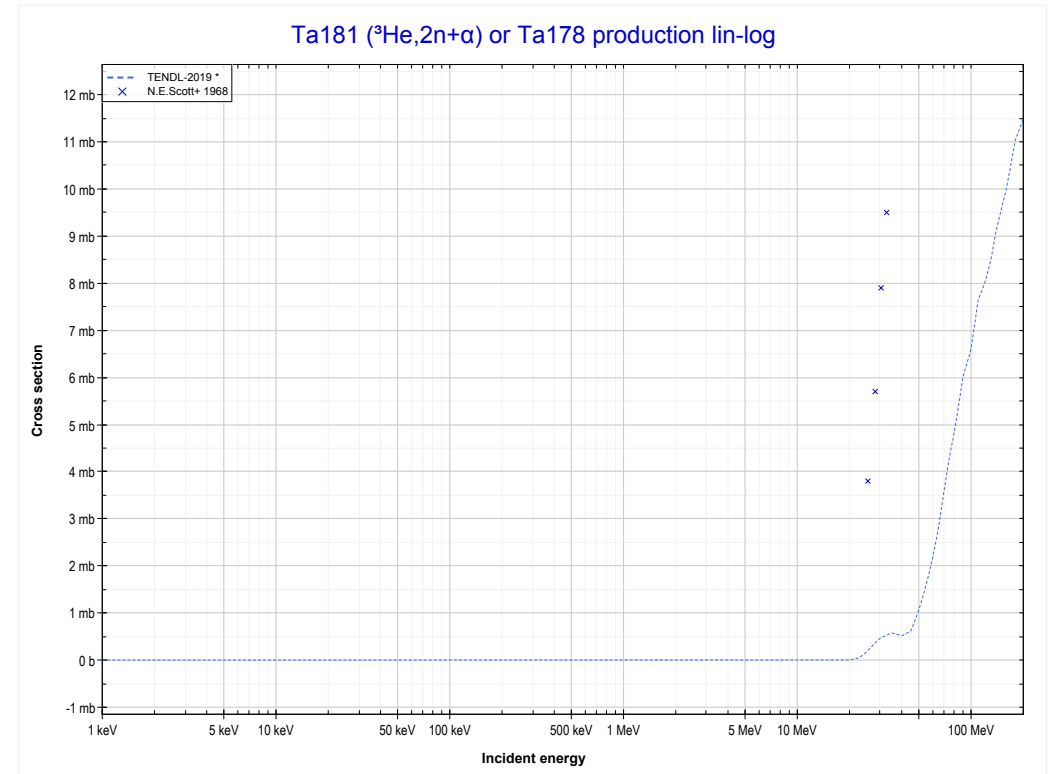
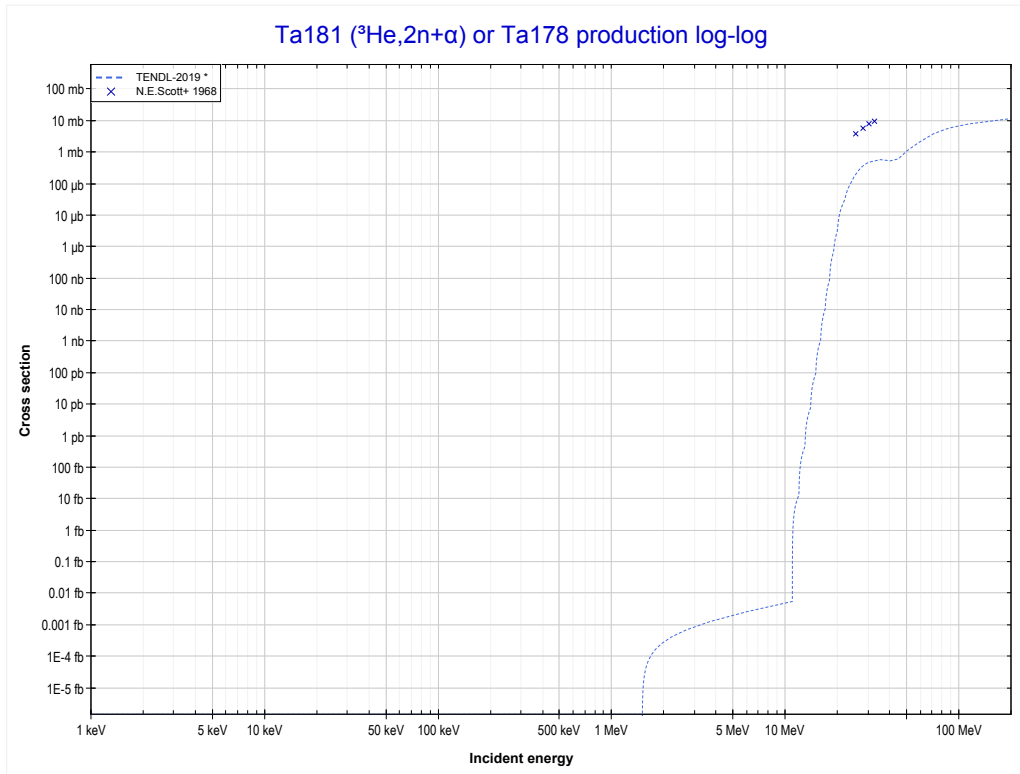
Reaction	Q-Value
Ta181(He3,2n)Re182	-4199.72 keV

<< 62-Sm-147	73-Ta-181	75-Re-187 >>
<< MT16 ($^3\text{He},2n$)	MT17 ($^3\text{He},3n$) or MT5 (Re181 production)	MT24 ($^3\text{He},2n+\alpha$) >>



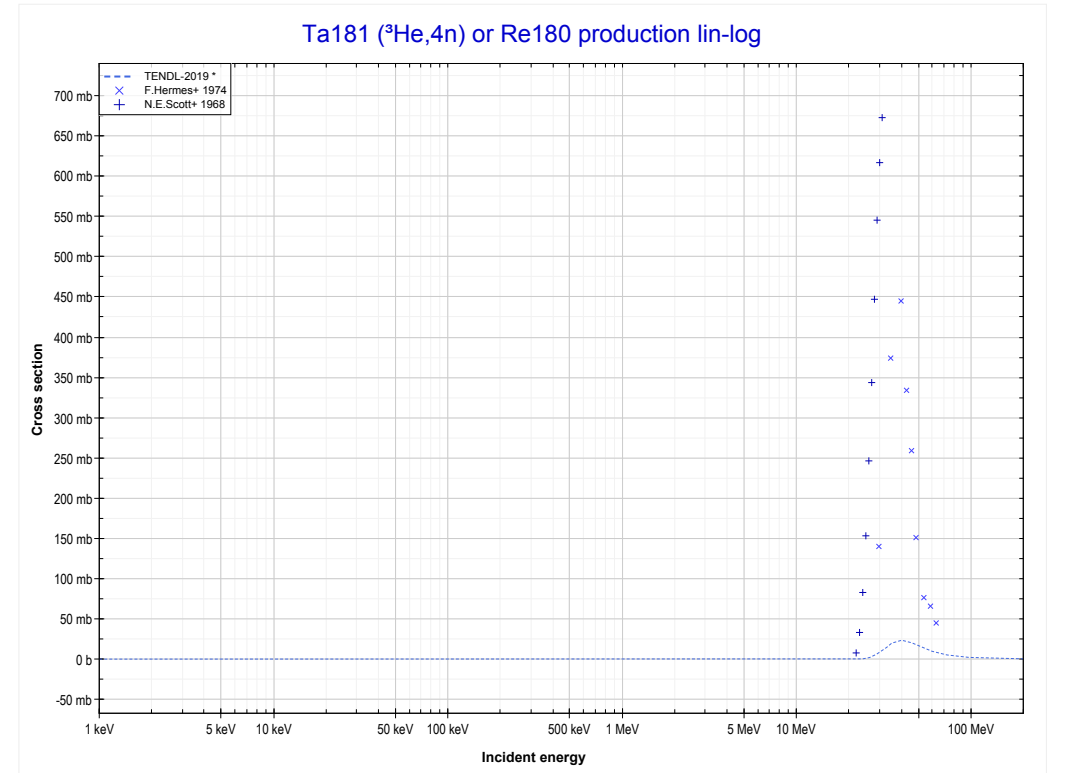
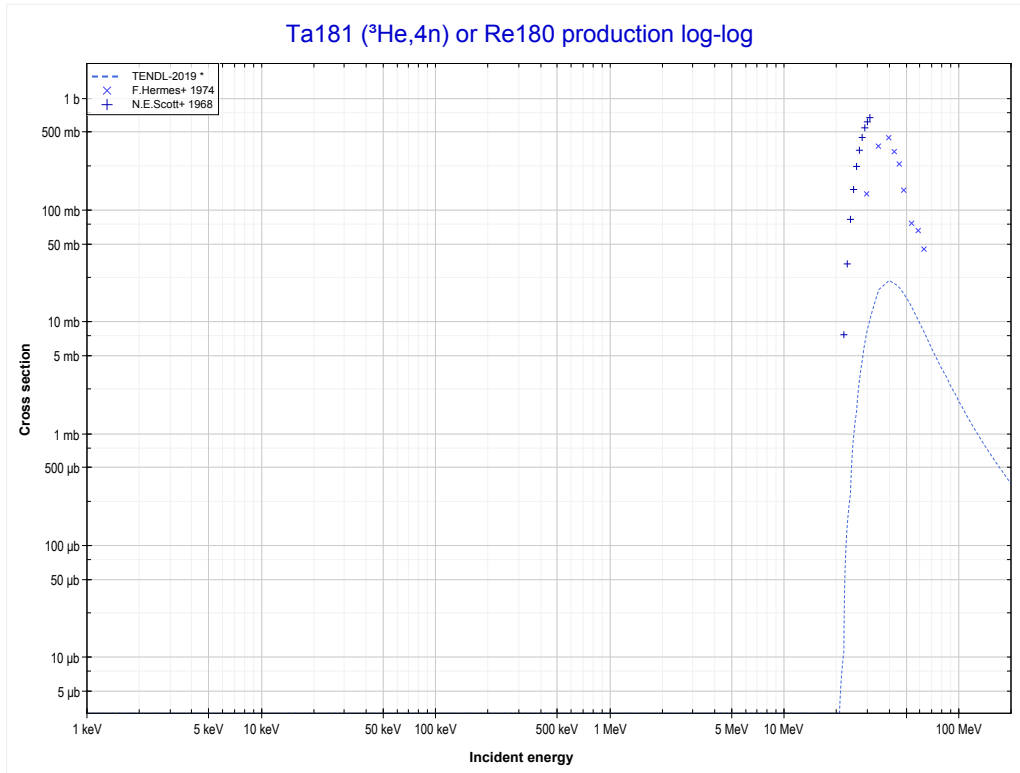
Reaction	Q-Value
Ta181(He3,3n)Re181	-11204.03 keV

<< 47-Ag-107	73-Ta-181	83-Bi-209 >>
<< MT17 (³ He,3n)	MT24 (³He,2n+α) or MT5 (Ta178 production)	MT37 (³ He,4n) >>



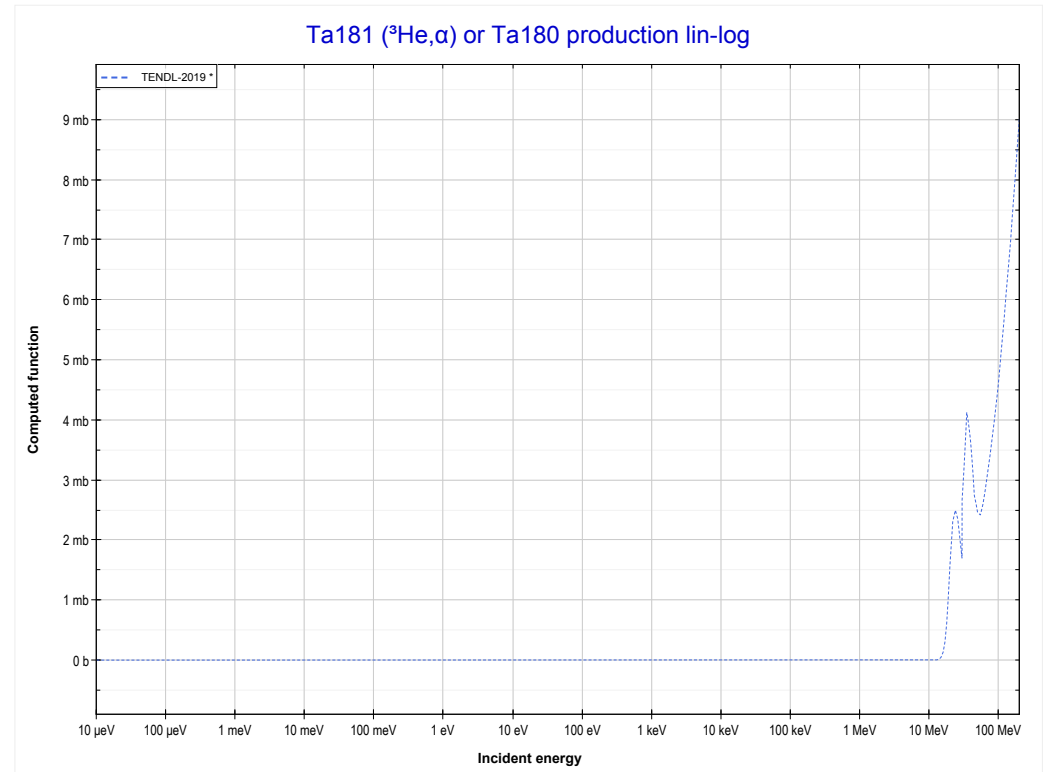
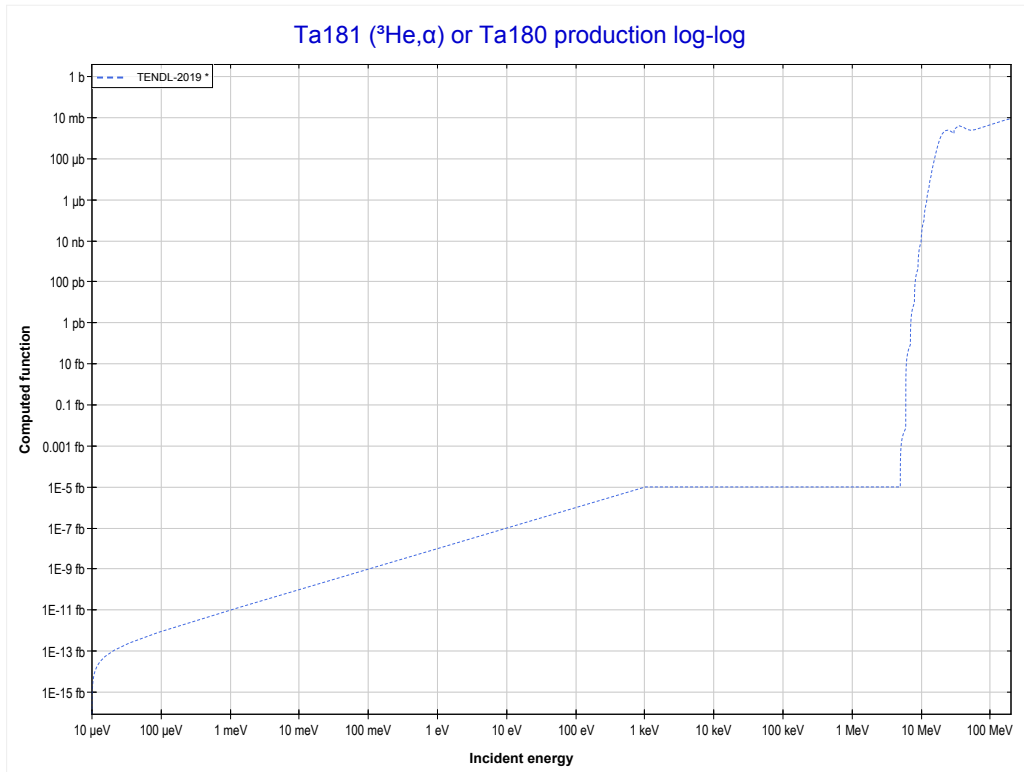
Reaction	Q-Value
Ta181(He3,2n+α)Ta178	-1474.63 keV
Ta181(He3,2t)Ta178	-12806.70 keV
Ta181(He3,n+d+t)Ta178	-19063.93 keV
Ta181(He3,2n+p+t)Ta178	-21288.50 keV
Ta181(He3,3n+He3)Ta178	-22052.25 keV
Ta181(He3,2n+2d)Ta178	-25321.16 keV
Ta181(He3,3n+p+d)Ta178	-27545.73 keV
Ta181(He3,4n+2p)Ta178	-29770.29 keV

<< 62-Sm-147	73-Ta-181	75-Re-187 >>
<< MT24 ($^3\text{He},2n+\alpha$)	MT37 ($^3\text{He},4n$) or MT5 (Re180 production)	MT107 ($^3\text{He},\alpha$) >>



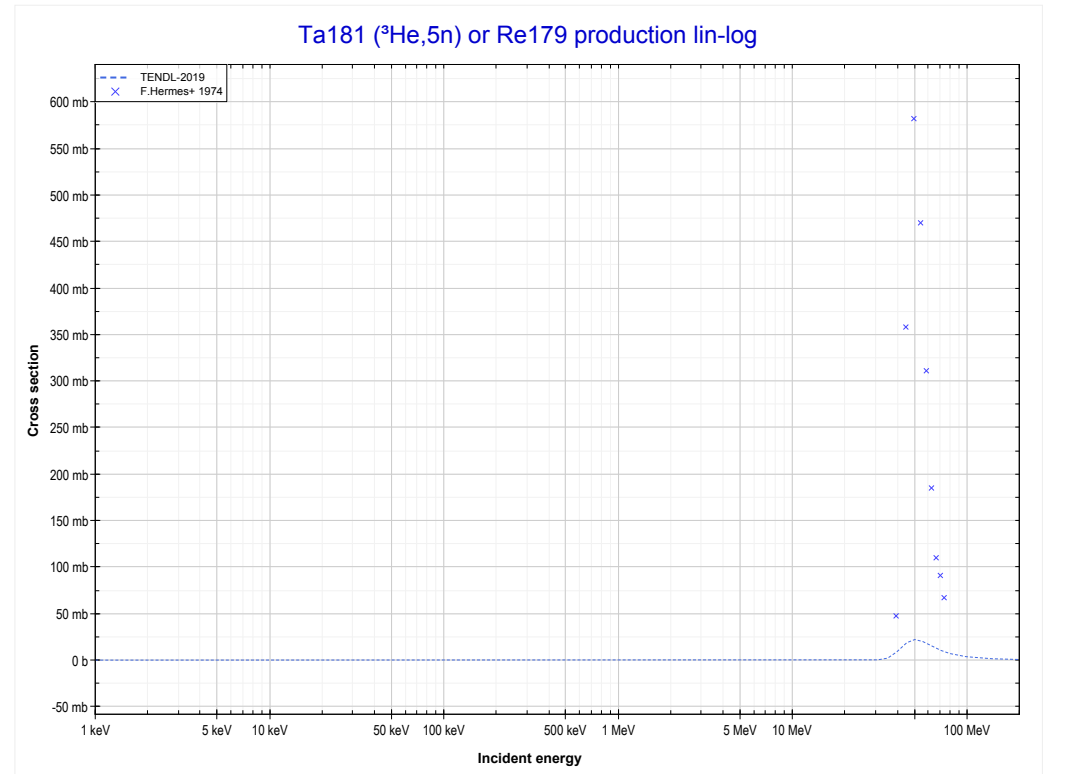
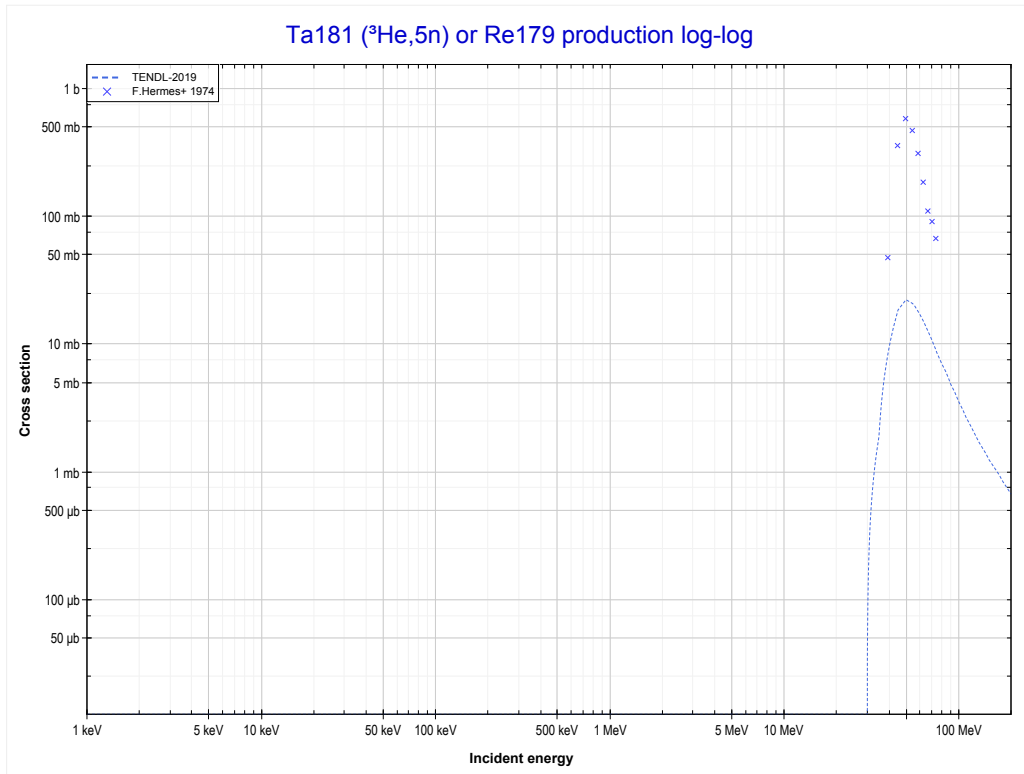
Reaction	Q-Value
Ta181(He3,4n)Re180	-19955.35 keV

<< 48-Cd-116	73-Ta-181	75-Re-185 >>
<< MT37 (³ He,4n)	MT107 (³He,α) or MT5 (Ta180 production)	MT152 (³ He,5n) >>



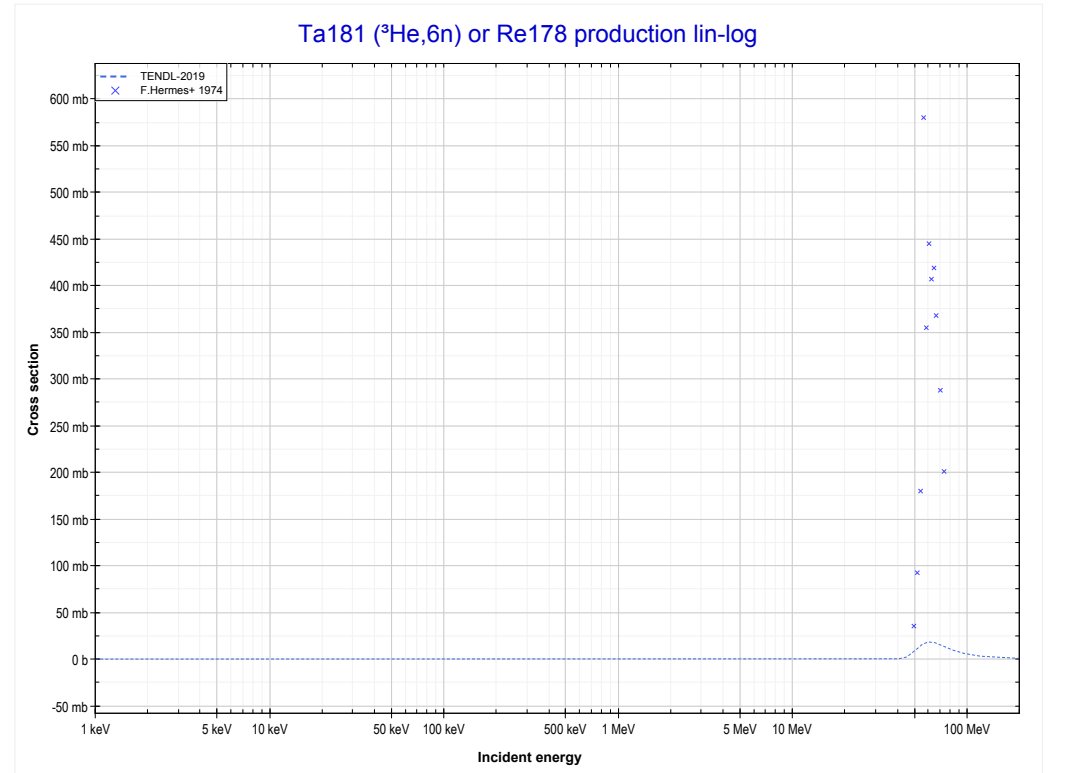
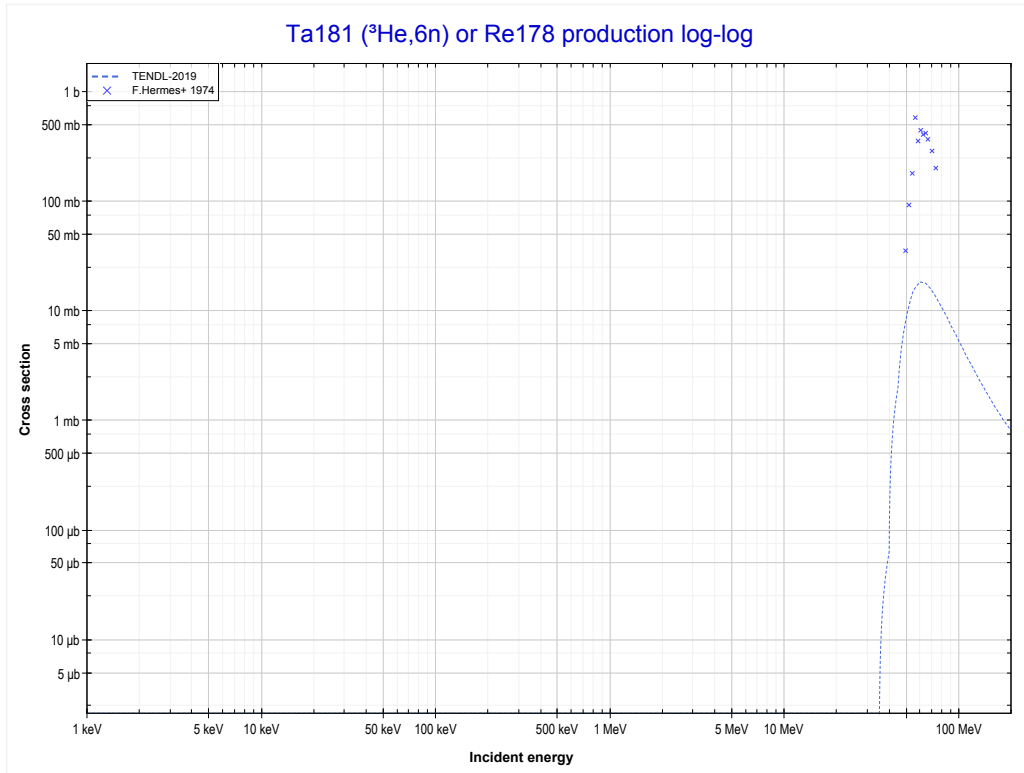
Reaction	Q-Value
Ta181(He3,α)Ta180	13000.90 keV
Ta181(He3,p+t)Ta180	-6812.96 keV
Ta181(He3,n+He3)Ta180	-7576.72 keV
Ta181(He3,2d)Ta180	-10845.63 keV
Ta181(He3,n+p+d)Ta180	-13070.19 keV
Ta181(He3,2n+2p)Ta180	-15294.76 keV

	73-Ta-181	75-Re-187 >>
<< MT107 (³He,α)	MT152 (³He,5n) or MT5 (Re179 production)	MT153 (³He,6n) >>



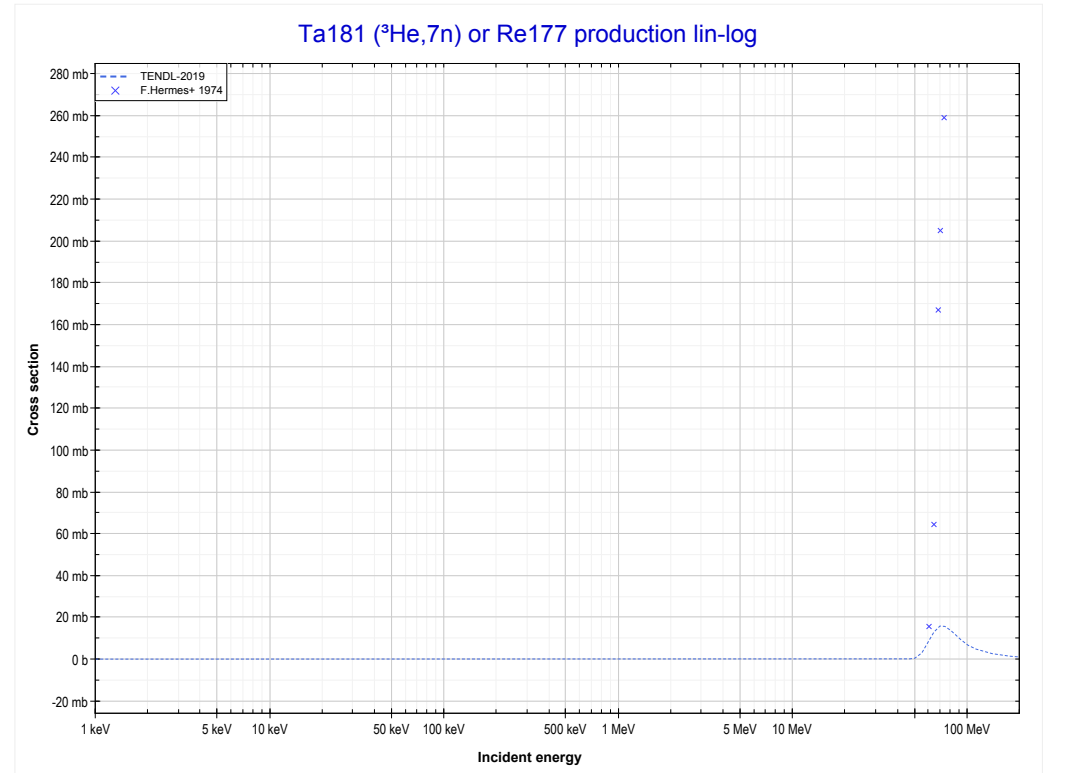
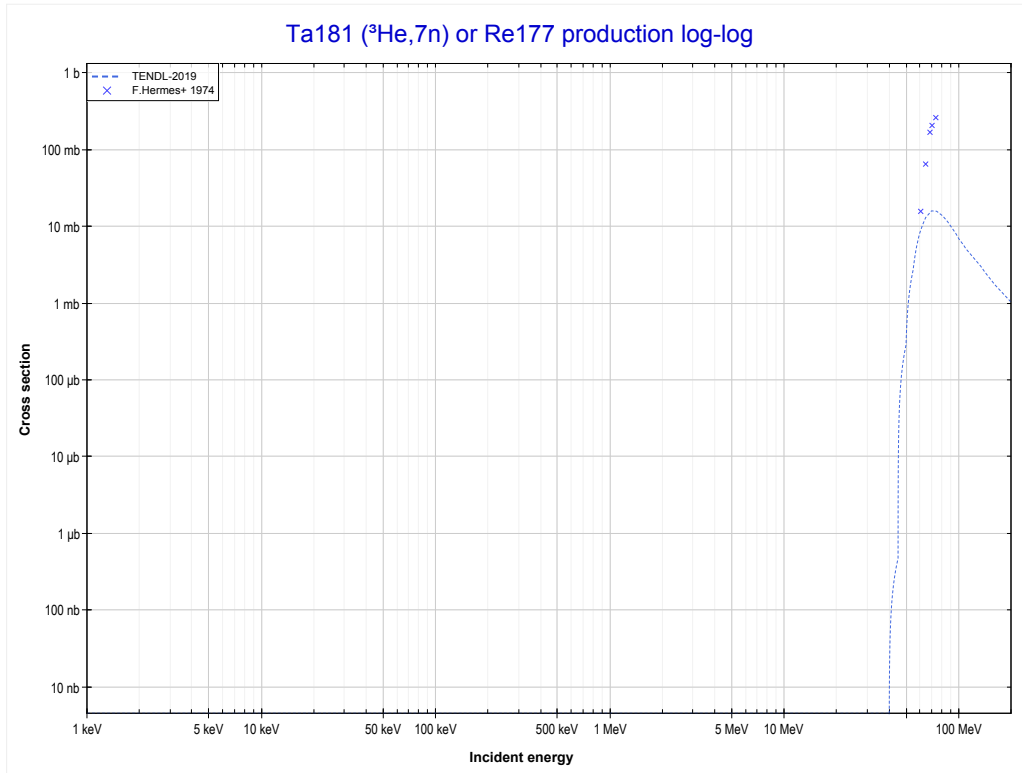
Reaction	Q-Value
Ta181(He3,5n)Re179	-27279.67 keV

	73-Ta-181	75-Re-187 >>
<< MT152 (³He,5n)	MT153 (³He,6n) or MT5 (Re178 production)	MT160 (³He,7n) >>



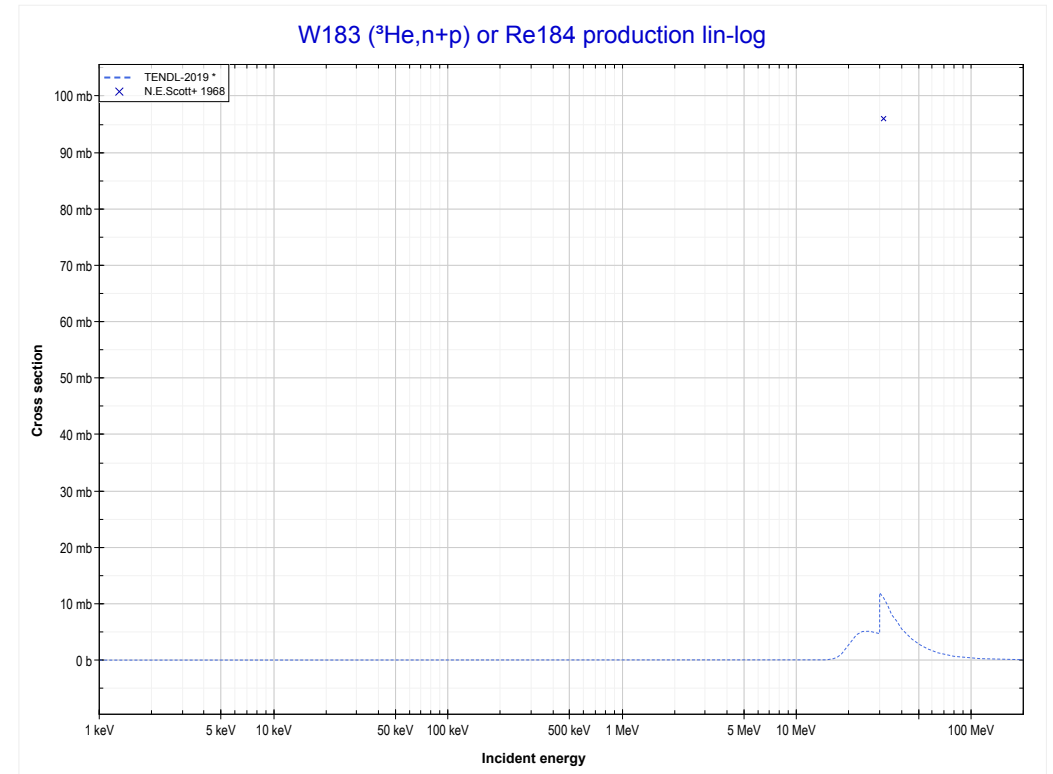
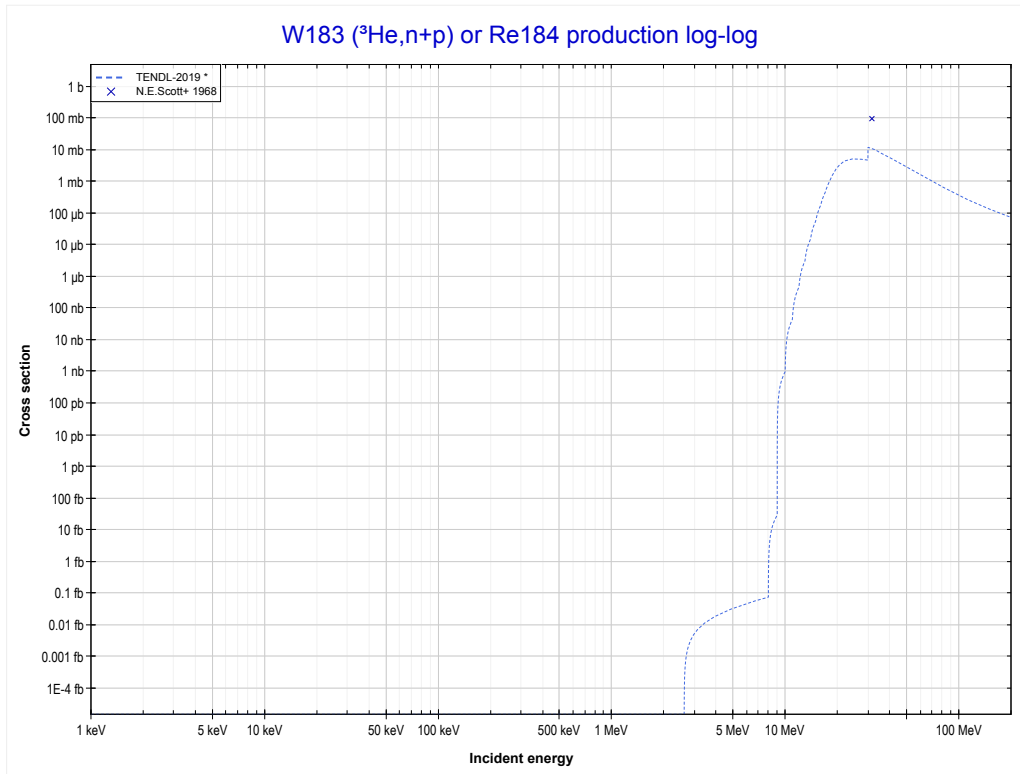
Reaction	Q-Value
Ta181(He3,6n)Re178	-36281.98 keV

	73-Ta-181	81-Tl-205 >>
<< MT153 (³ He,6n)	MT160 (³He,7n) or MT5 (Re177 production)	74-W-183 MT28 (³ He,n+p) >>



Reaction	Q-Value
Ta181(He3,7n)Re177	-43737.30 keV

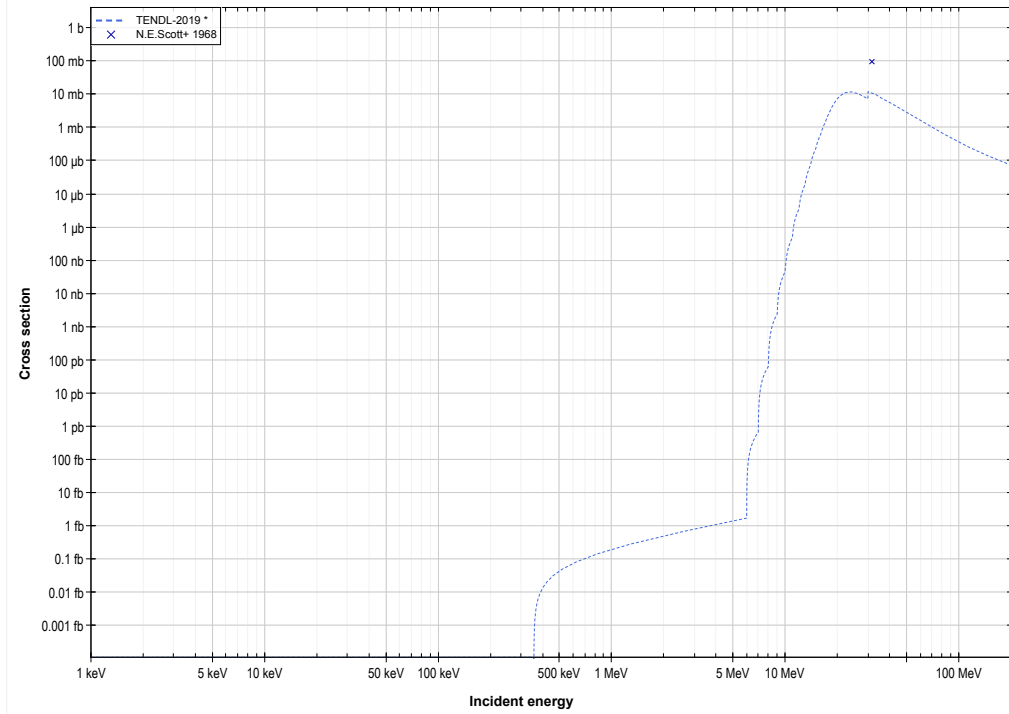
<< 62-Sm-147	74-W-183	83-Bi-209 >>
<< 73-Ta-181 MT160 (³ He,7n)	MT28 (³He,n+p) or MT5 (Re184 production)	MT104 (³ He,d) >>



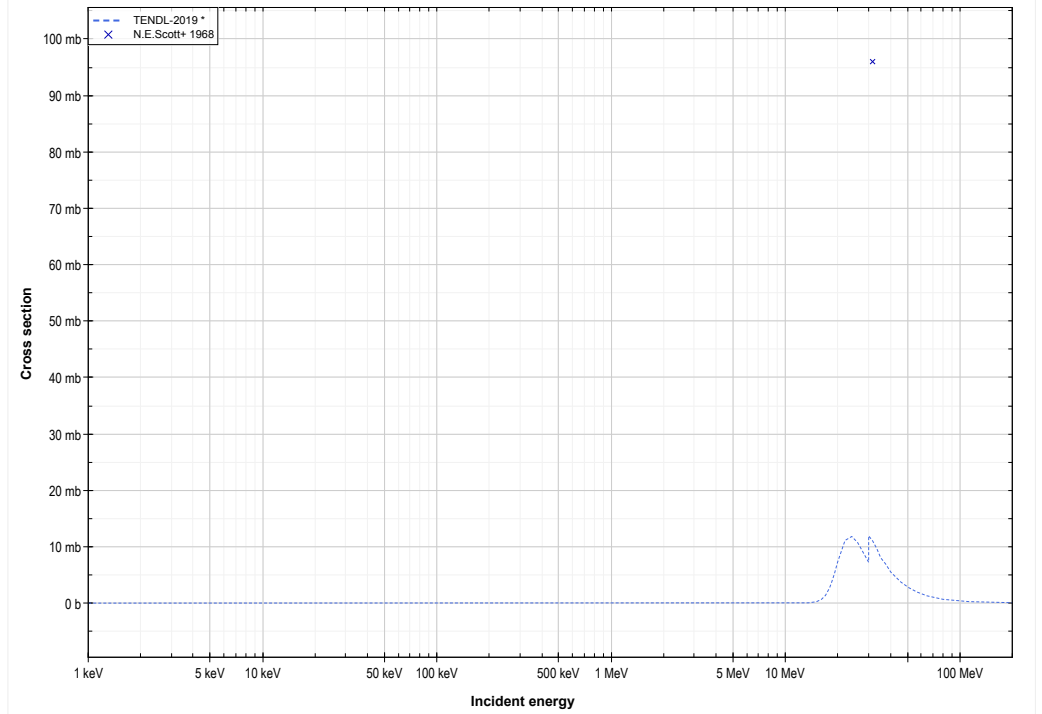
Reaction	Q-Value
W183(He3,d)Re184	-350.10 keV
W183(He3,n+p)Re184	-2574.67 keV

<< 62-Sm-147	74-W-183	83-Bi-209 >>
<< MT28 (³ He,n+p)	MT104 (³He,d) or MT5 (Re184 production)	74-W-186 MT32 (³ He,n+d) >>

W183 (³He,d) or Re184 production log-log

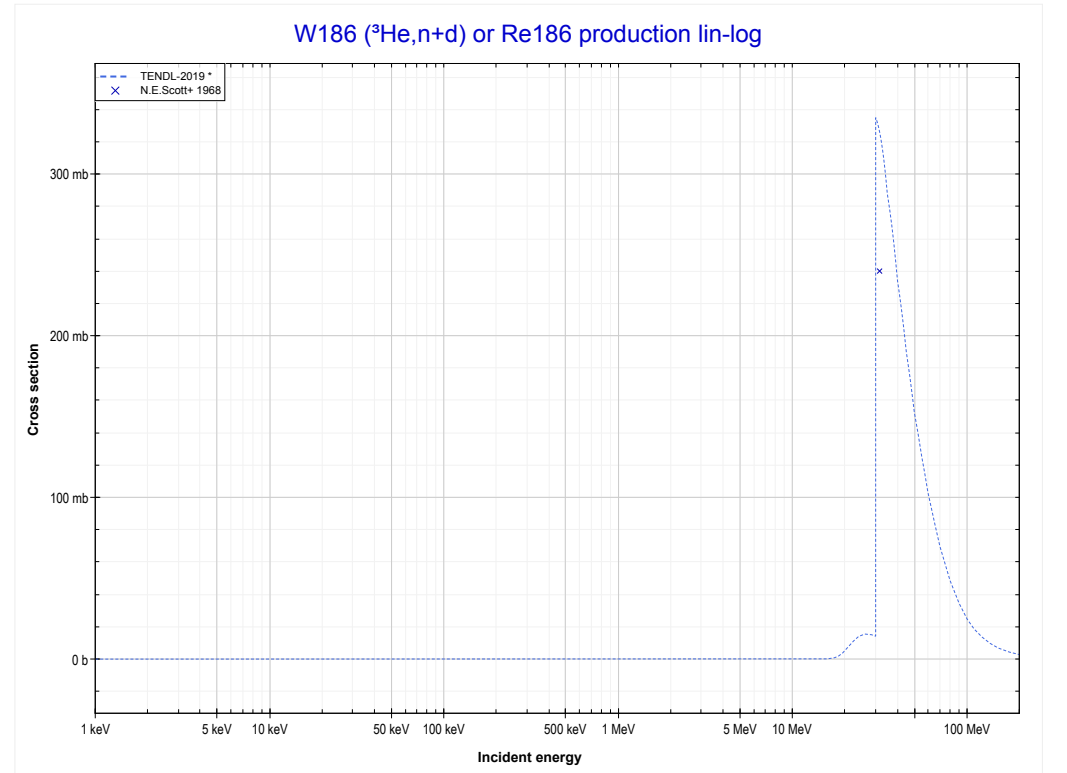
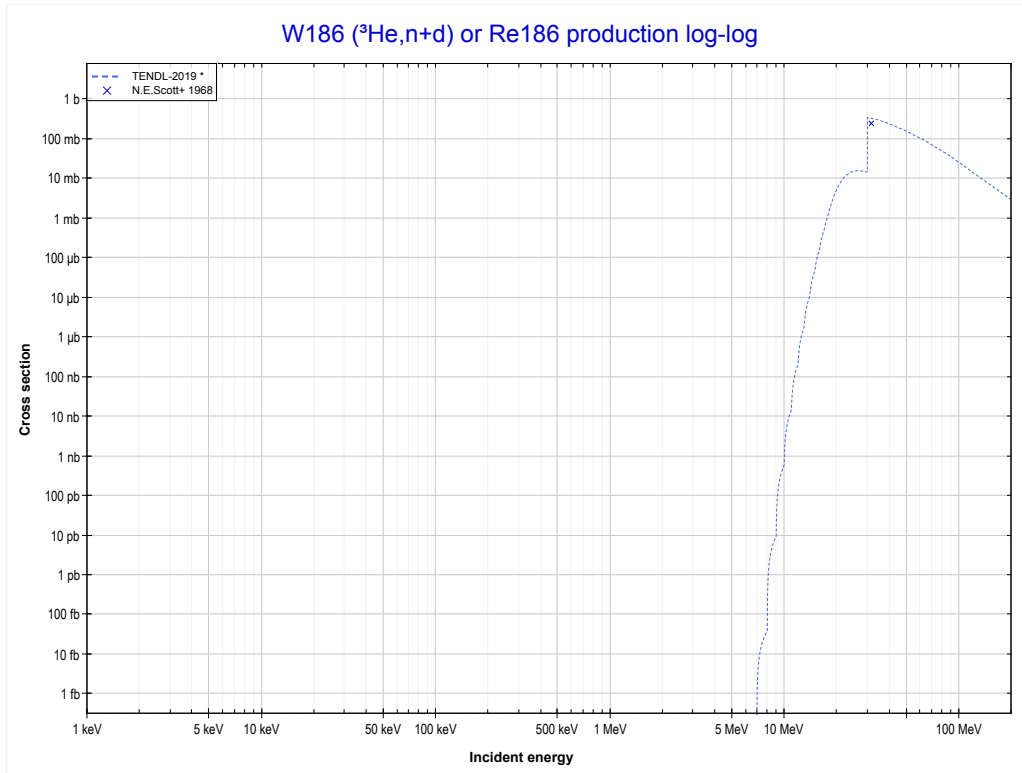


W183 (³He,d) or Re184 production lin-log



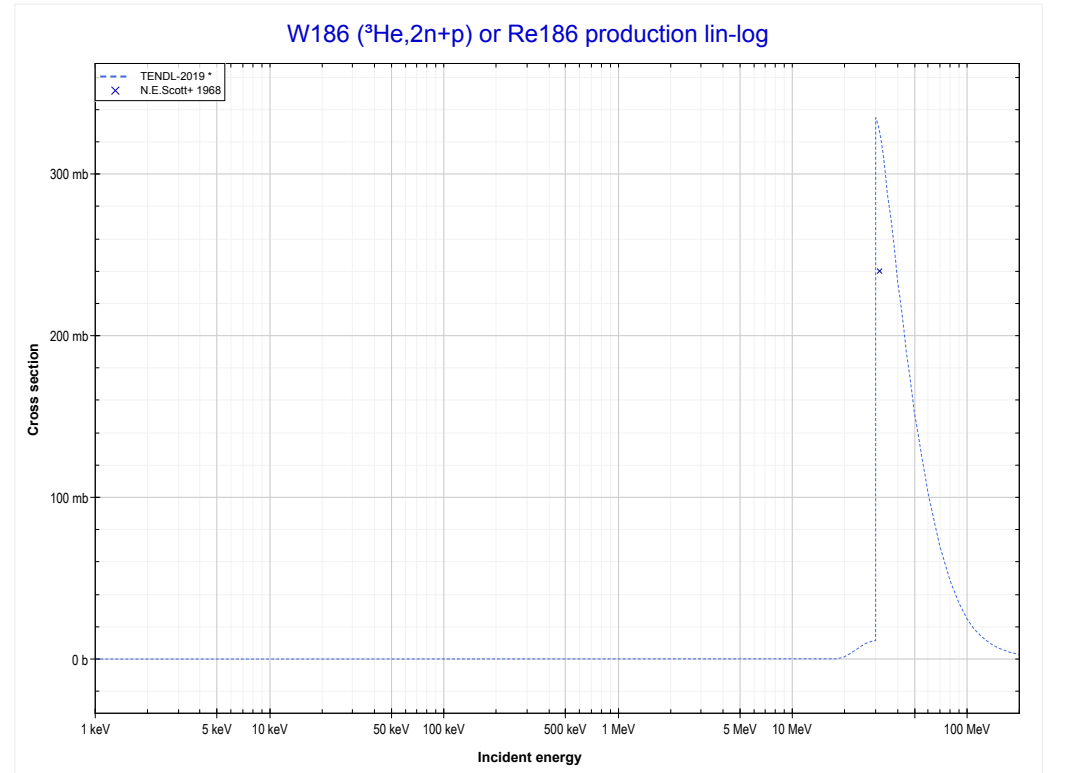
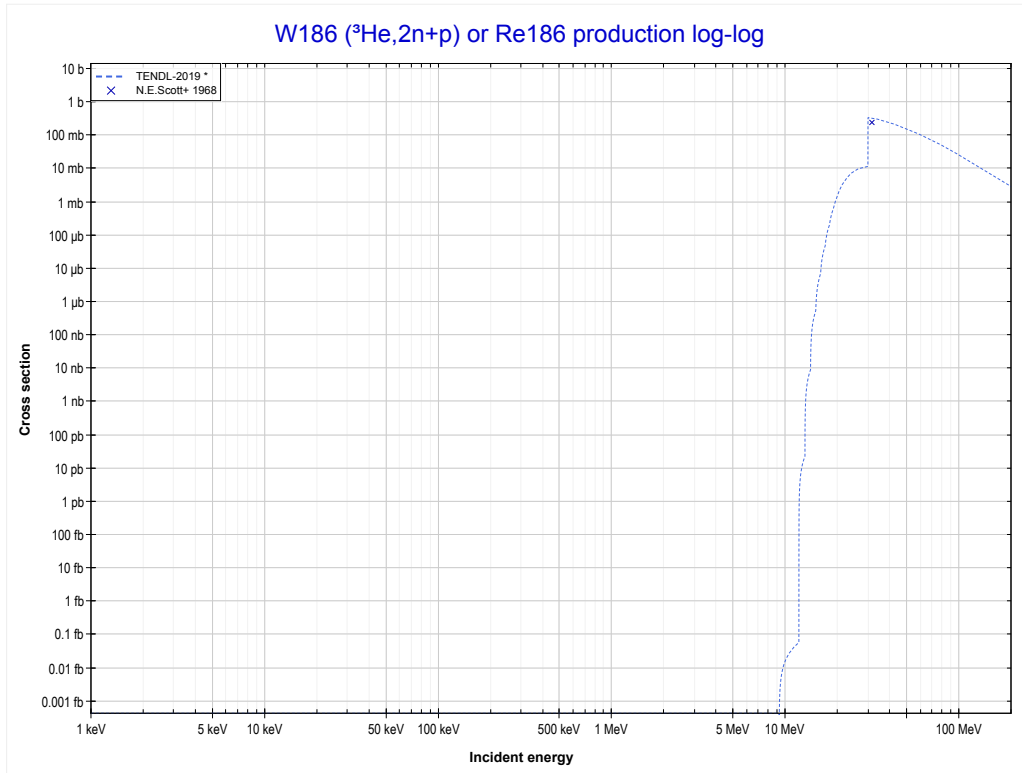
Reaction	Q-Value
W183(He3,d)Re184	-350.10 keV
W183(He3,n+p)Re184	-2574.67 keV

<< 62-Sm-147	74-W-186	78-Pt-194 >>
<< 74-W-183 MT104 (³ He,d)	MT32 (³He,n+d) or MT5 (Re186 production)	MT41 (³ He,2n+p) >>



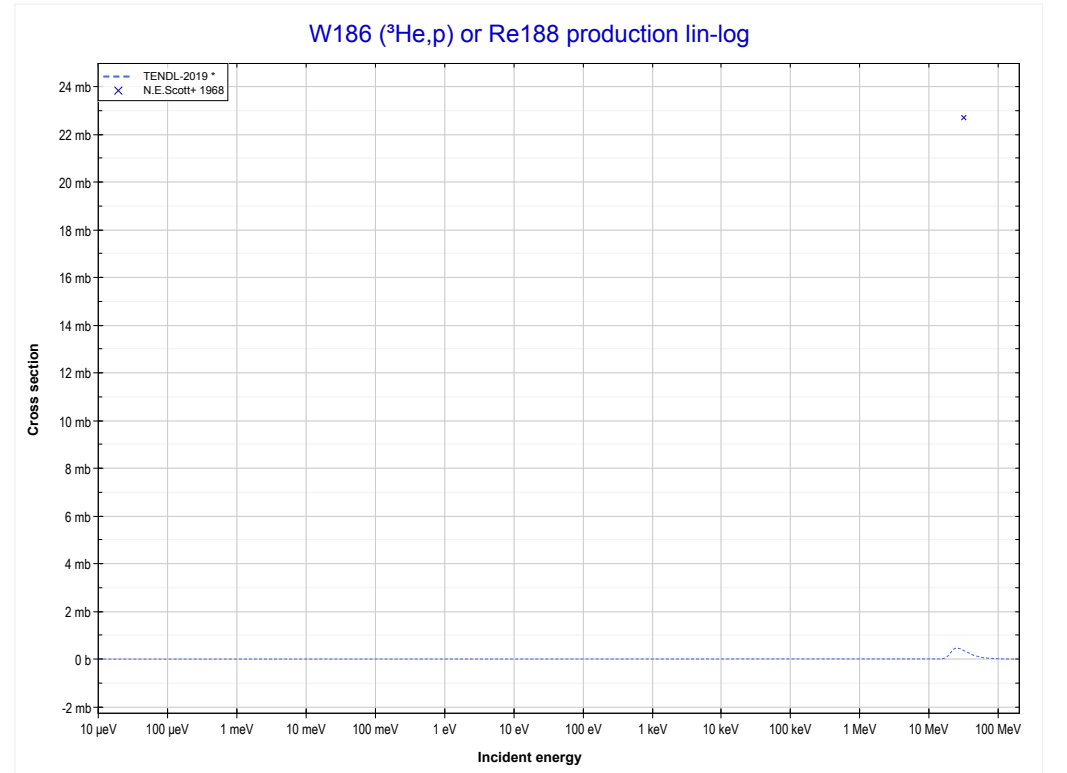
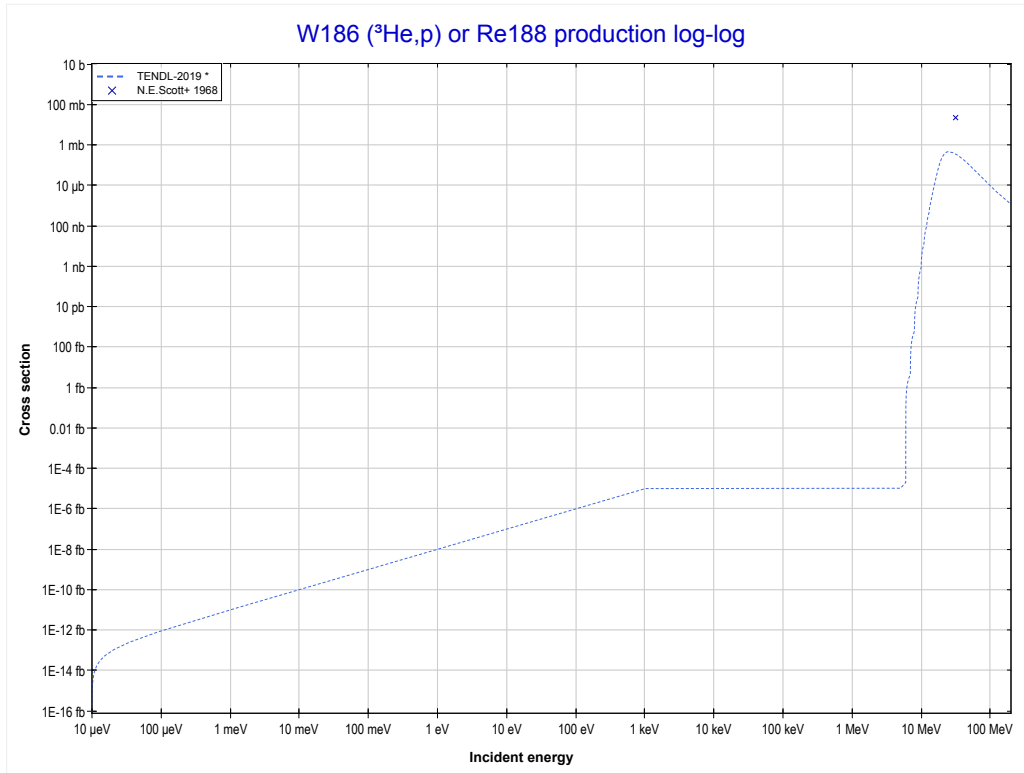
Reaction	Q-Value
W186(He3,t)Re186	-599.99 keV
W186(He3,n+d)Re186	-6857.22 keV
W186(He3,2n+p)Re186	-9081.79 keV

<< 62-Sm-147	74-W-186	78-Pt-194 >>
<< MT32 ($^3\text{He},n+d$)	MT41 ($^3\text{He},2n+p$) or MT5 (Re186 production)	MT103 ($^3\text{He},p$) >>



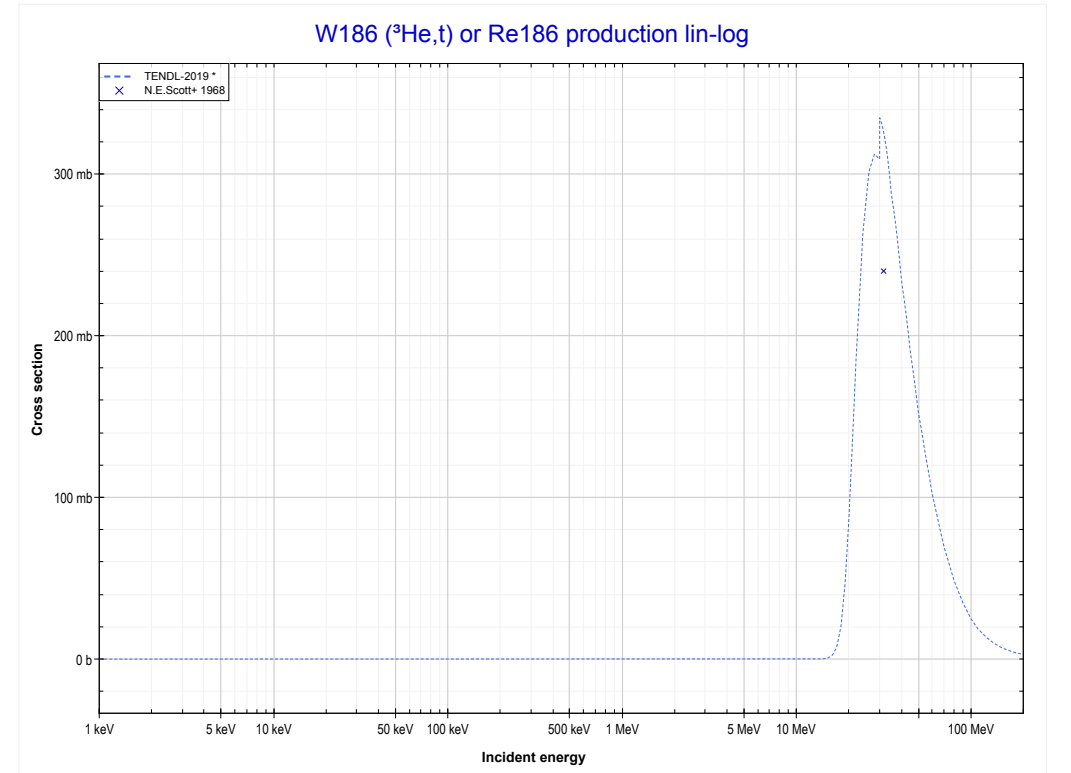
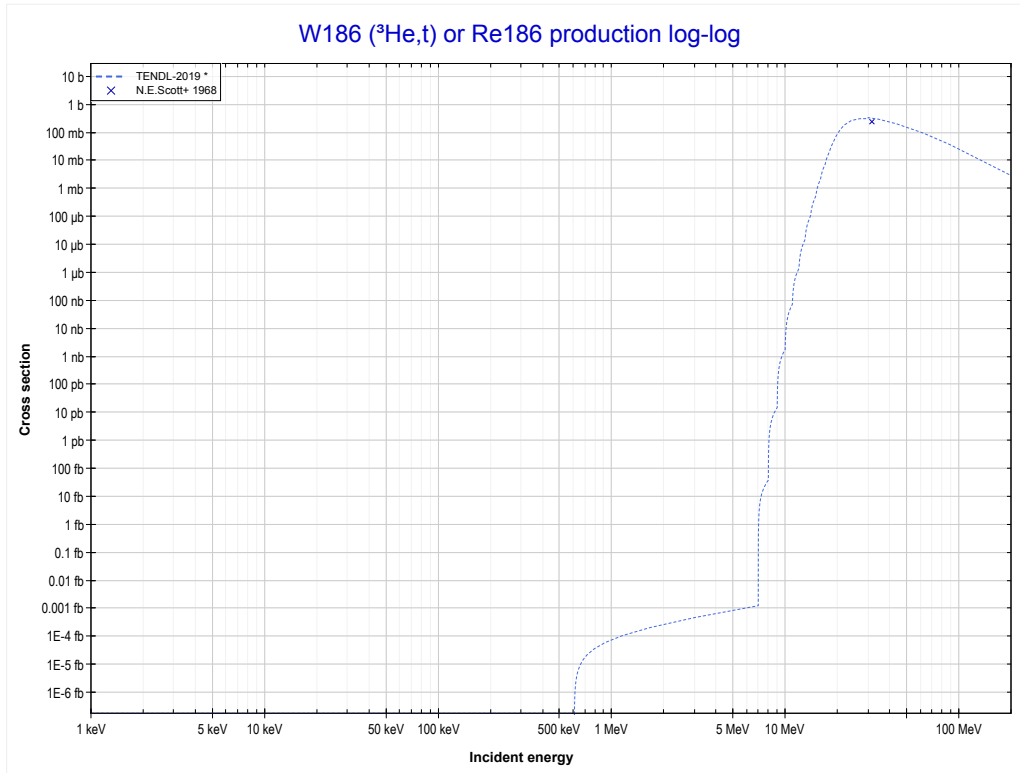
Reaction	Q-Value
W186($\text{He}3,t$)Re186	-599.99 keV
W186($\text{He}3,n+d$)Re186	-6857.22 keV
W186($\text{He}3,2n+p$)Re186	-9081.79 keV

<< 38-Sr-88	74-W-186	78-Pt-194 >>
<< MT41 (³ He,2n+p)	MT103 (³He,p) or MT5 (Re188 production)	MT105 (³ He,t) >>



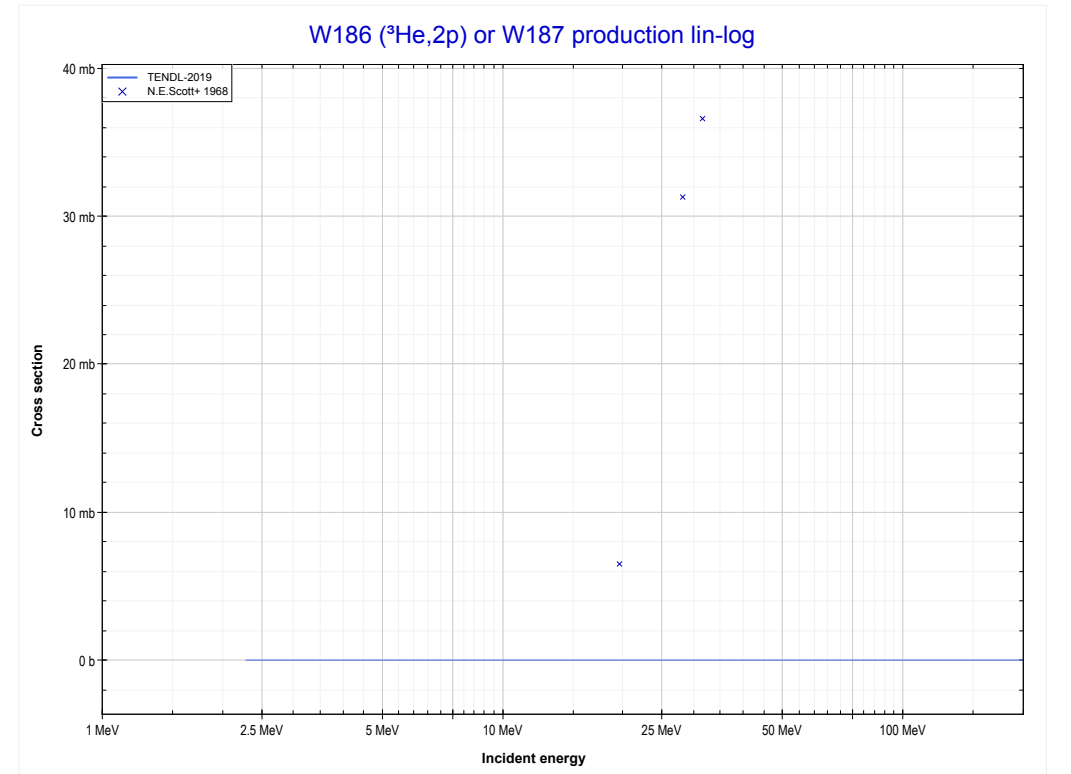
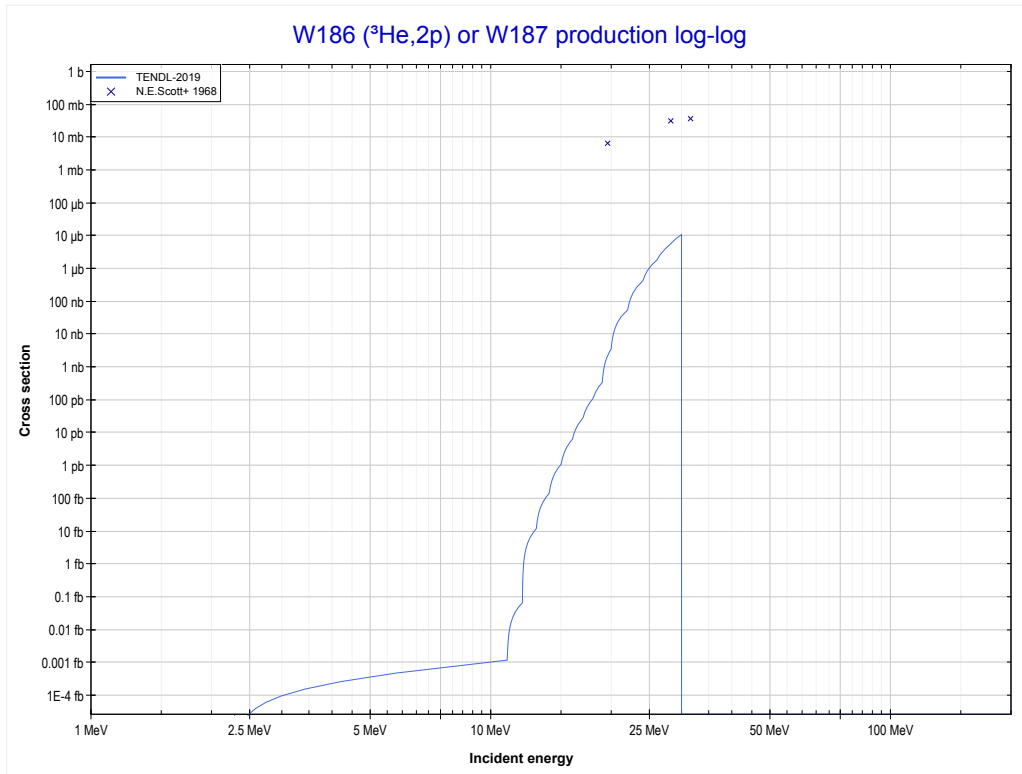
Reaction	Q-Value
W186(He3,p)Re188	4150.55 keV

<< 62-Sm-147	74-W-186	78-Pt-194 >>
<< MT103 (³ He,p)	MT105 (³He,t) or MT5 (Re186 production)	MT111 (³ He,2p) >>



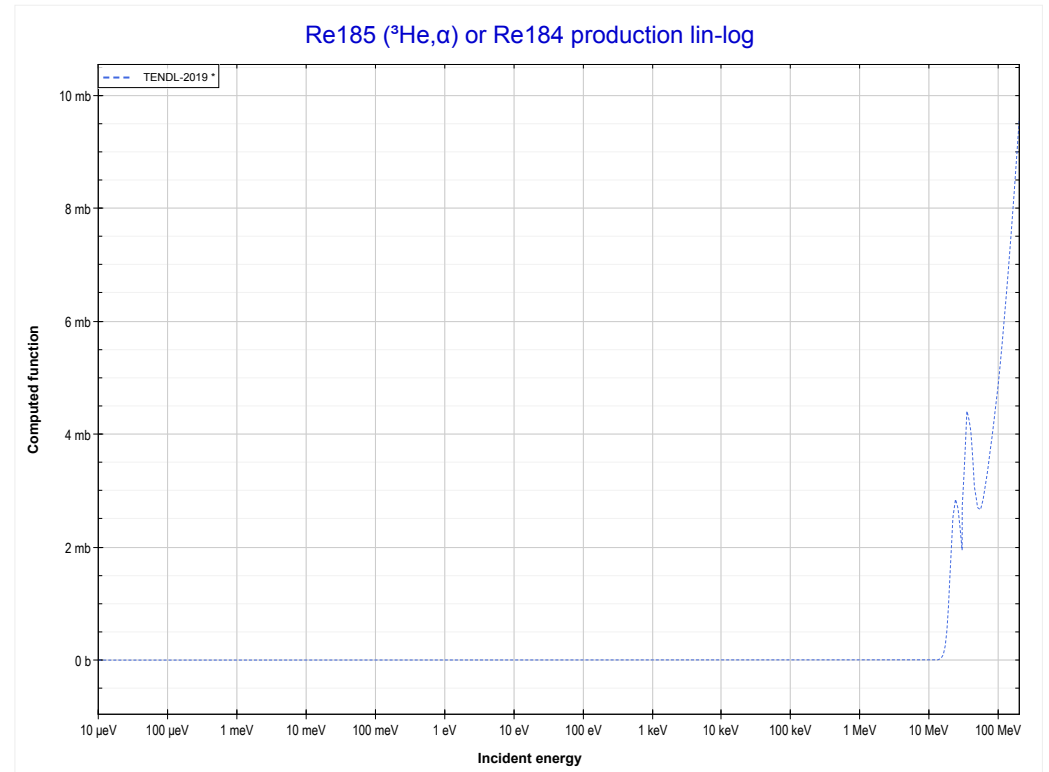
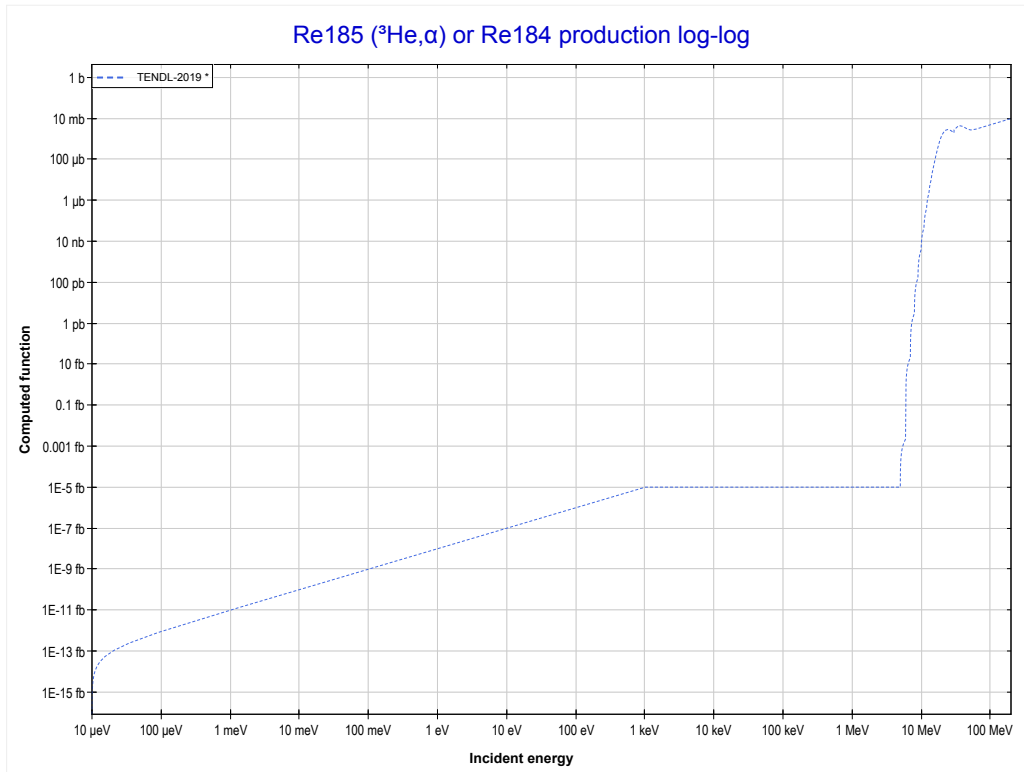
Reaction	Q-Value
W186(He3,t)Re186	-599.99 keV
W186(He3,n+d)Re186	-6857.22 keV
W186(He3,2n+p)Re186	-9081.79 keV

<< 44-Ru-102	74-W-186	75-Re-185 >>
<< MT105 (³ He,t)	MT111 (³He,2p) or MT5 (W187 production)	75-Re-185 MT107 (³ He,α) >>



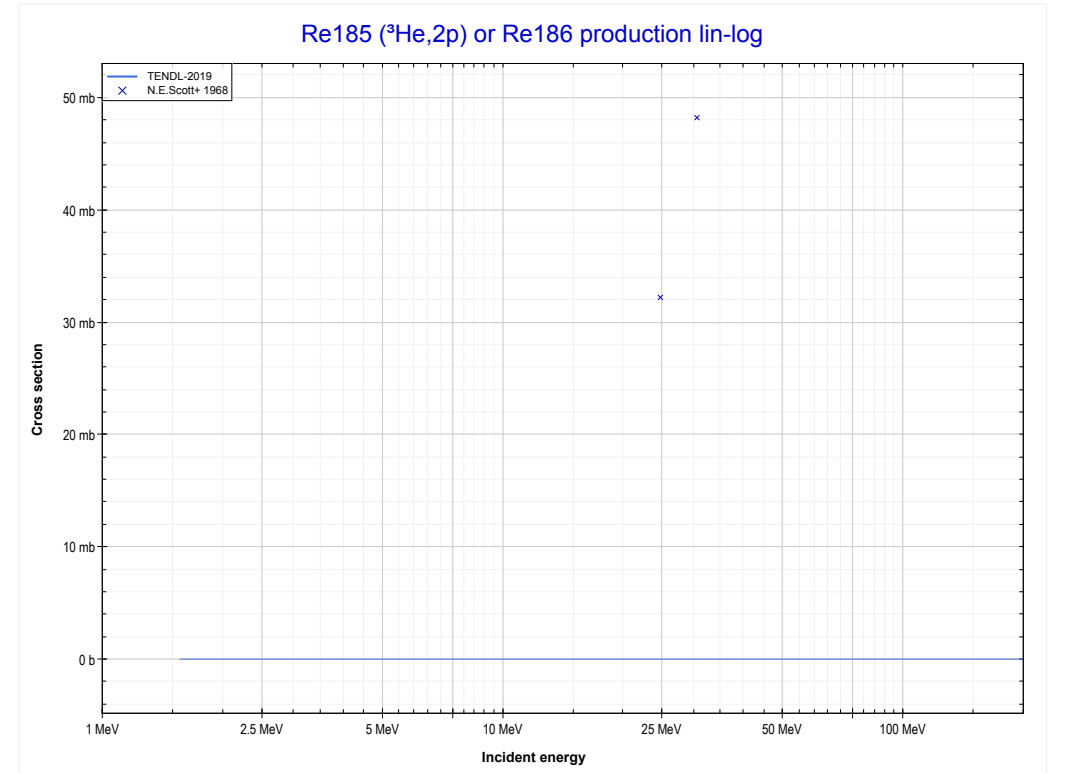
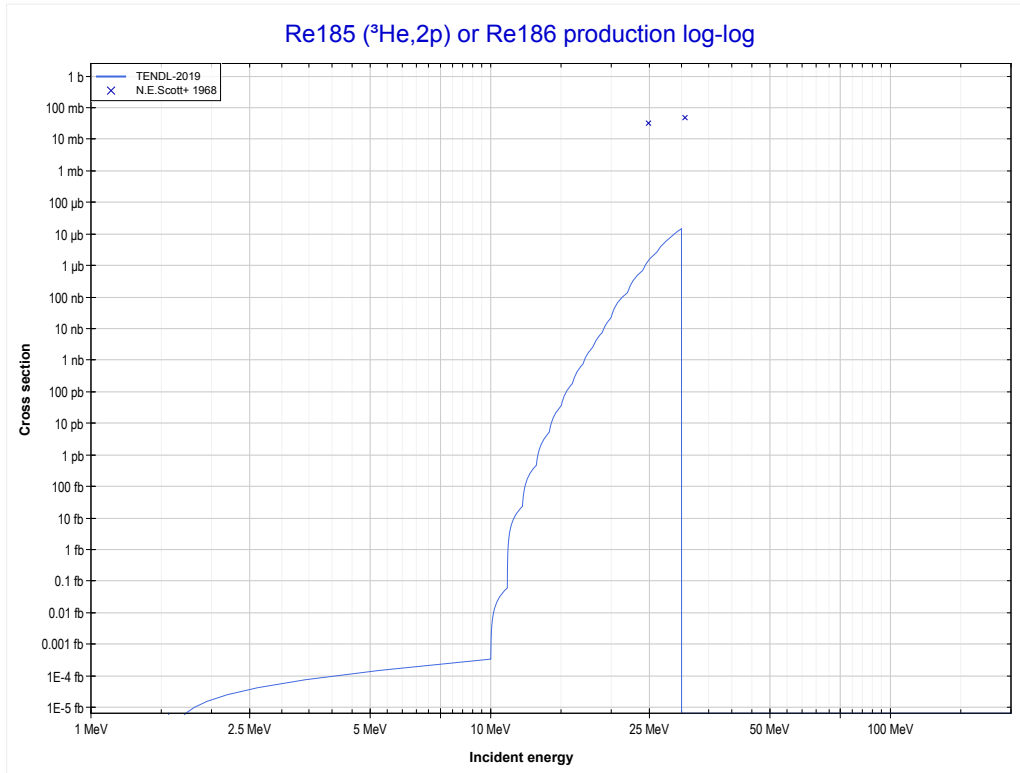
Reaction	Q-Value
W186(He3,2p)W187	-2251.22 keV

<< 73-Ta-181	75-Re-185	75-Re-187 >>
<< 74-W-186 MT111 (³ He,2p)	MT107 (³He,α) or MT5 (Re184 production)	MT111 (³ He,2p) >>



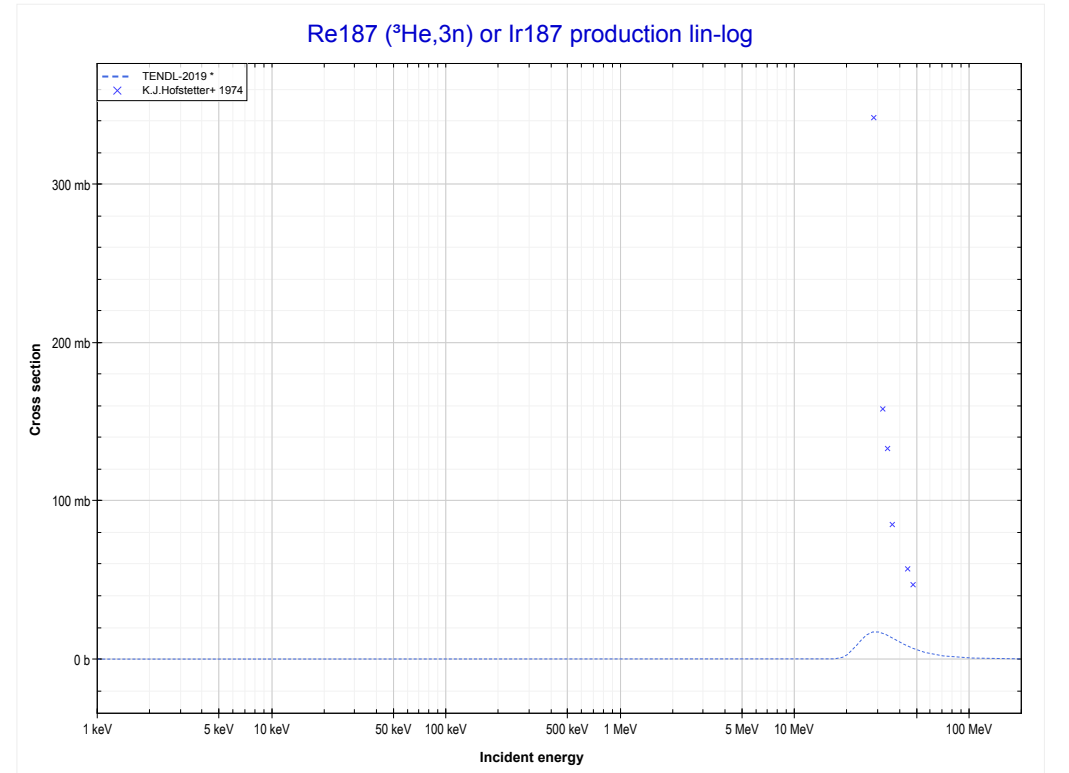
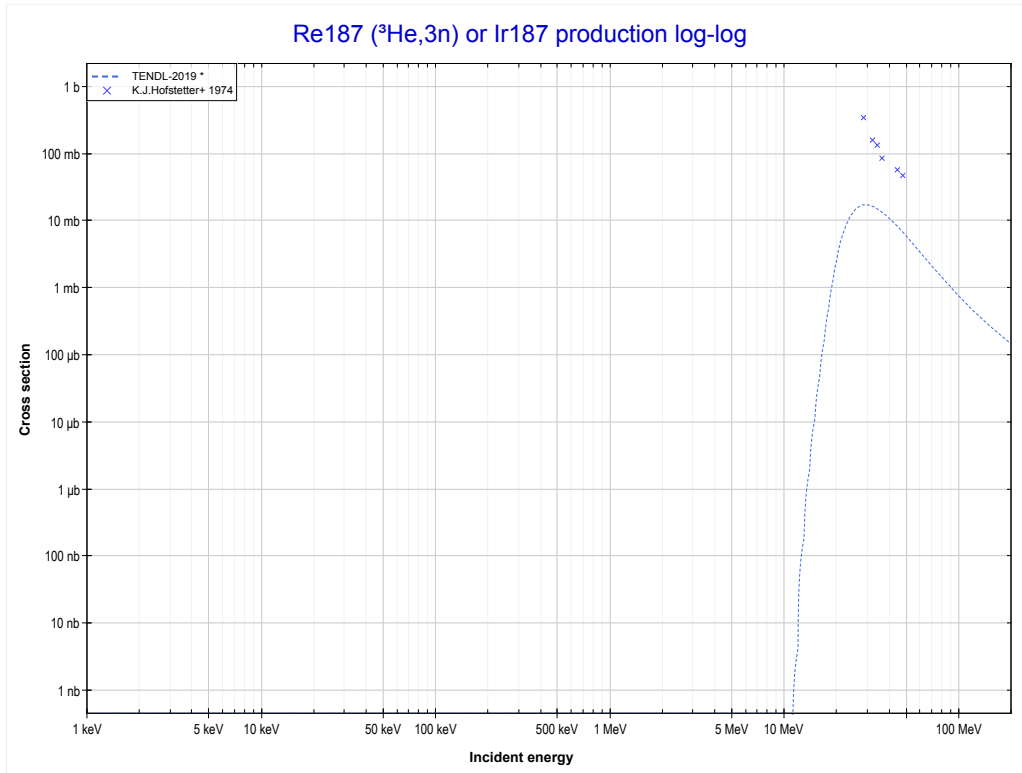
Reaction	Q-Value
Re185(He3,α)Re184	12907.30 keV
Re185(He3,p+t)Re184	-6906.56 keV
Re185(He3,n+He3)Re184	-7670.32 keV
Re185(He3,2d)Re184	-10939.23 keV
Re185(He3,n+p+d)Re184	-13163.79 keV
Re185(He3,2n+2p)Re184	-15388.36 keV

<< 74-W-186	75-Re-185	79-Au-197 >>
<< MT107 ($^3\text{He},\alpha$)	MT111 ($^3\text{He},2p$) or MT5 (Re186 production)	75-Re-187 MT17 ($^3\text{He},3n$) >>



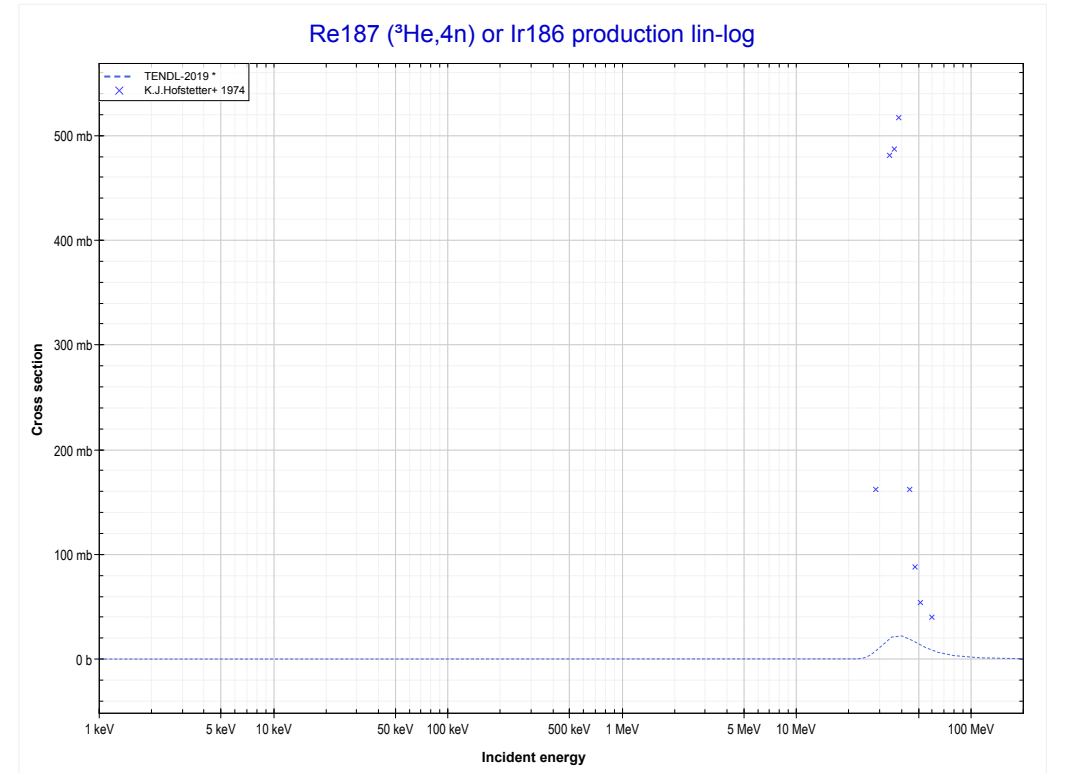
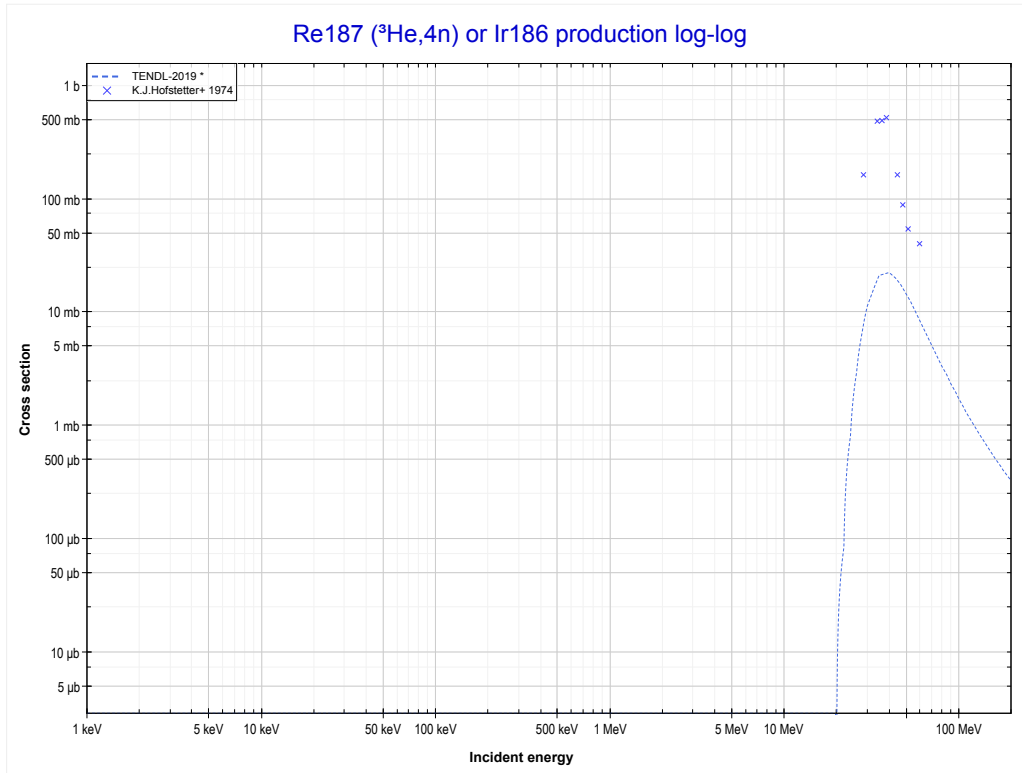
Reaction	Q-Value
Re185($\text{He}3,2p$)Re186	-1538.62 keV

<< 73-Ta-181	75-Re-187	79-Au-197 >>
<< 75-Re-185 MT111 (³ He,2p)	MT17 (³He,3n) or MT5 (Ir187 production)	MT37 (³ He,4n) >>



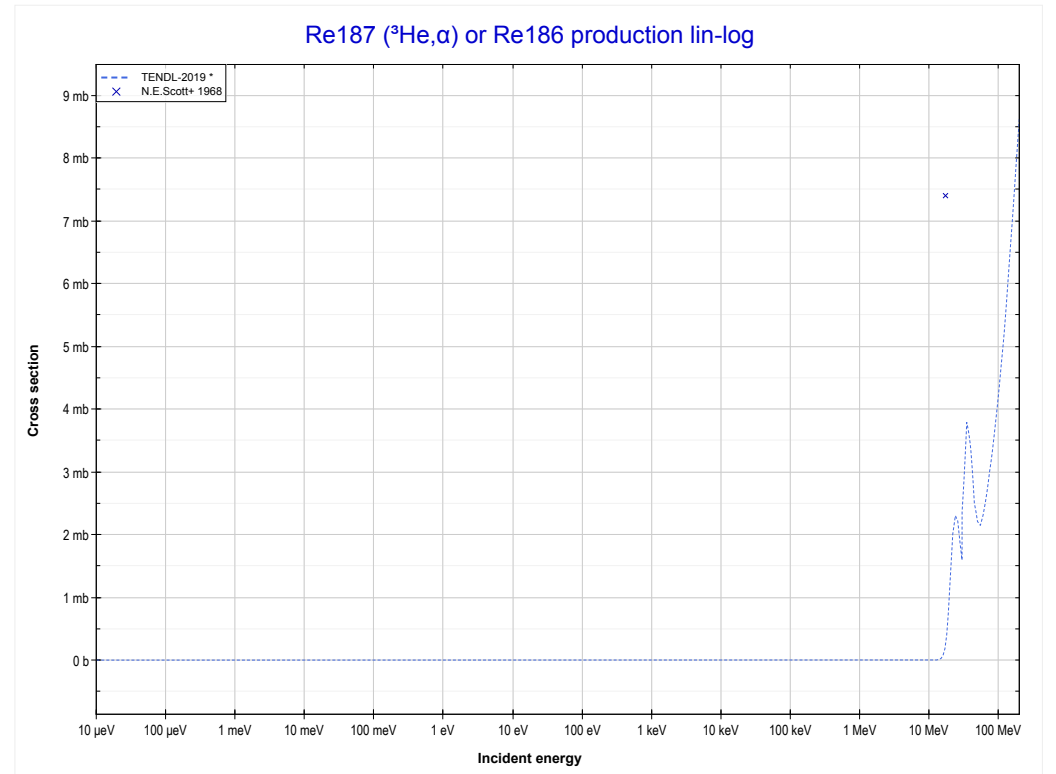
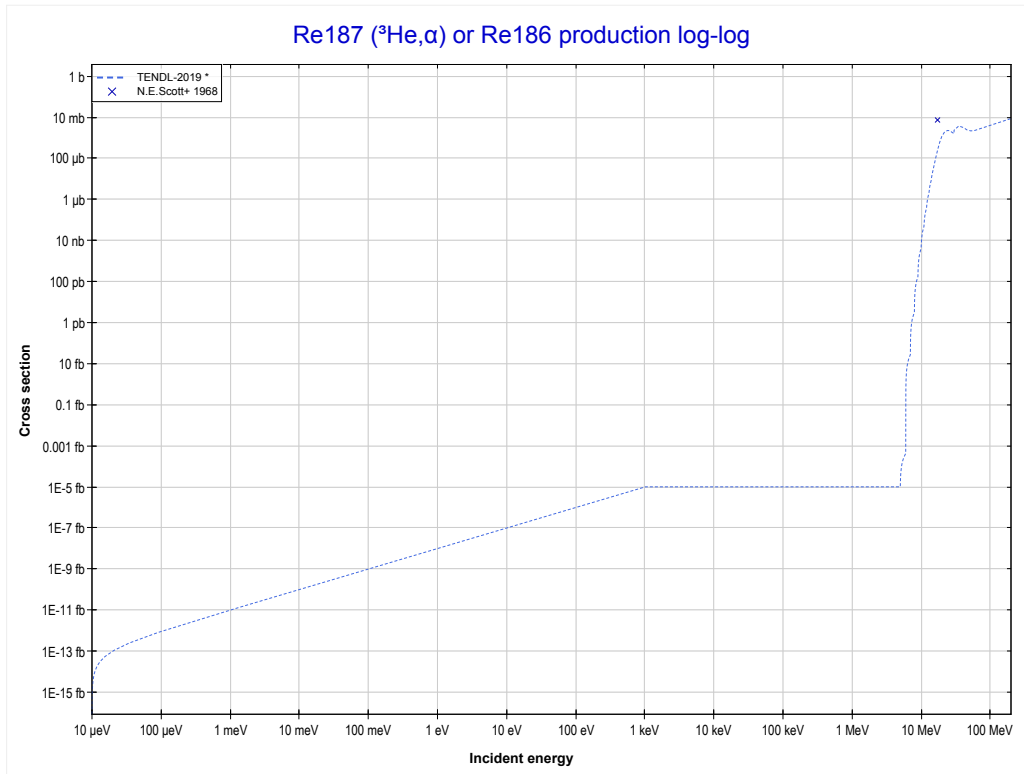
Reaction	Q-Value
Re187(He3,3n)Ir187	-10950.23 keV

<< 73-Ta-181	75-Re-187	76-Os-192 >>
<< MT17 ($^3\text{He},3n$)	MT37 ($^3\text{He},4n$) or MT5 (Ir186 production)	MT107 ($^3\text{He},\alpha$) >>



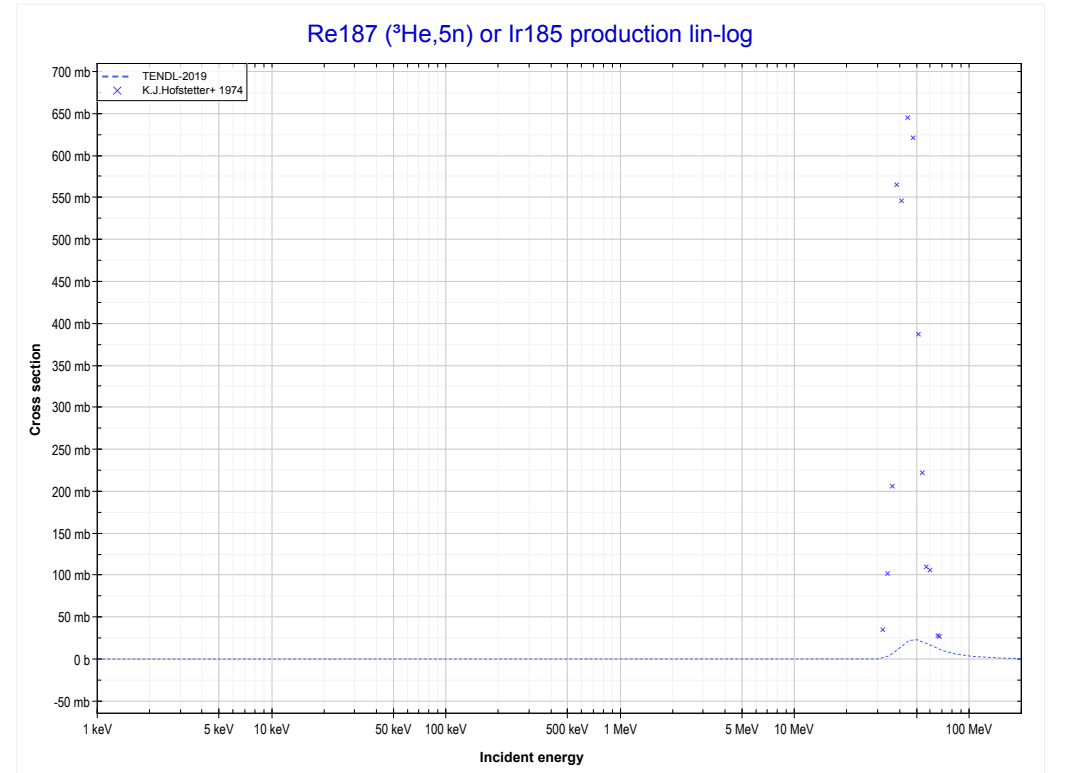
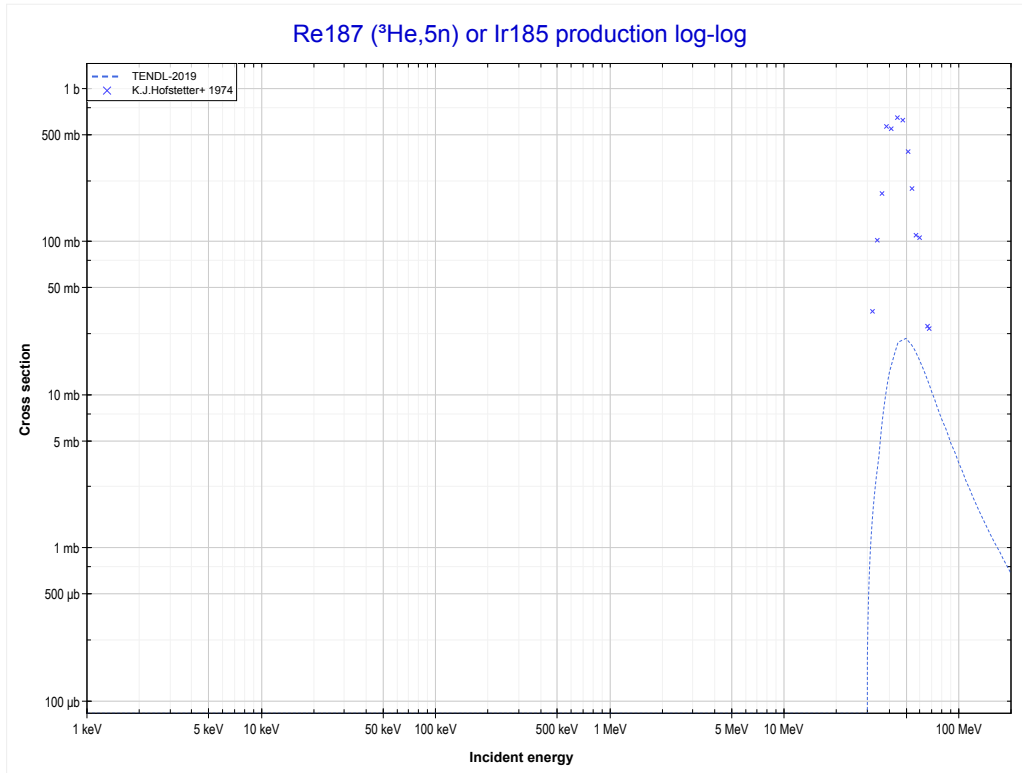
Reaction	Q-Value
Re187($\text{He}3,4n$)Ir186	-19398.55 keV

<< 75-Re-185	75-Re-187	79-Au-197 >>
<< MT37 (³ He,4n)	MT107 (³He,α) or MT5 (Re186 production)	MT152 (³ He,5n) >>



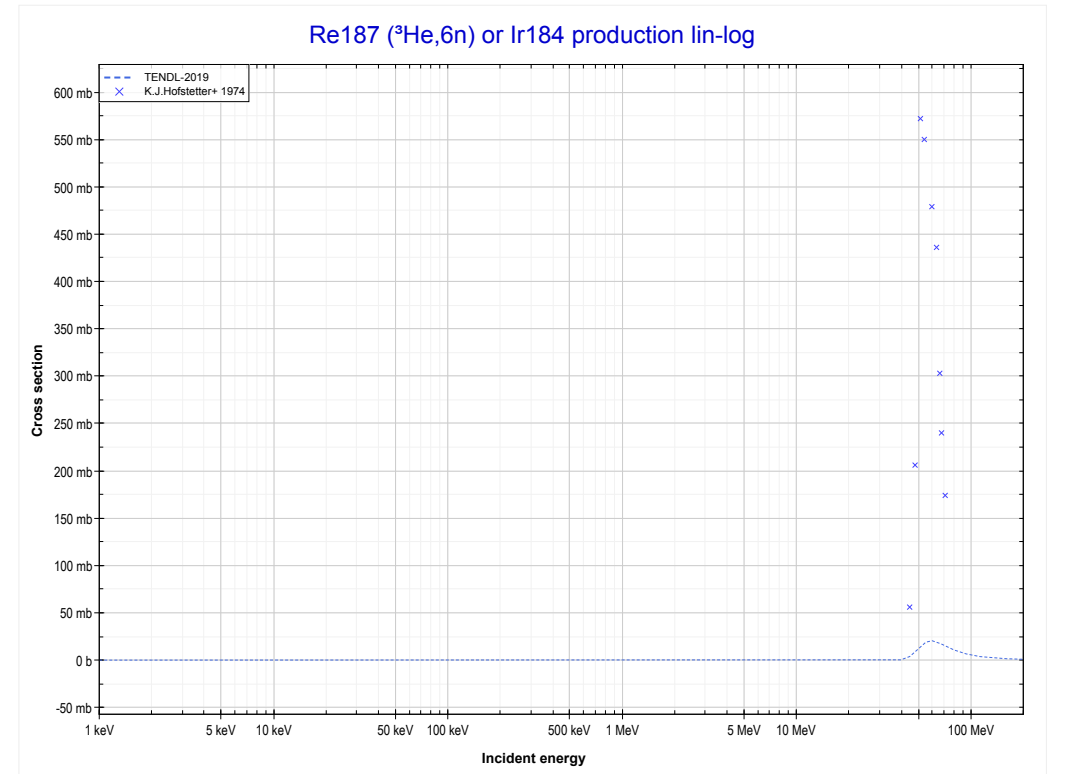
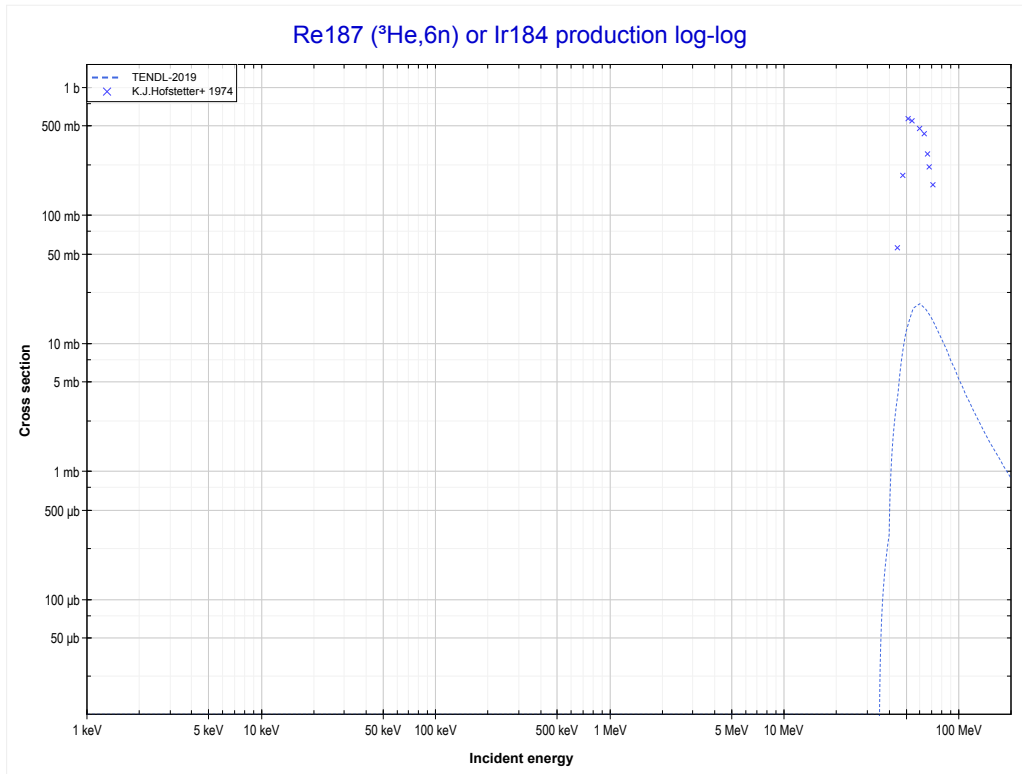
Reaction	Q-Value
Re187(He3,α)Re186	13216.90 keV
Re187(He3,p+t)Re186	-6596.96 keV
Re187(He3,n+He3)Re186	-7360.72 keV
Re187(He3,2d)Re186	-10629.63 keV
Re187(He3,n+p+d)Re186	-12854.19 keV
Re187(He3,2n+2p)Re186	-15078.76 keV

<< 73-Ta-181	75-Re-187	79-Au-197 >>
<< MT107 ($^3\text{He},\alpha$)	MT152 ($^3\text{He},5n$) or MT5 (Ir185 production)	MT153 ($^3\text{He},6n$) >>



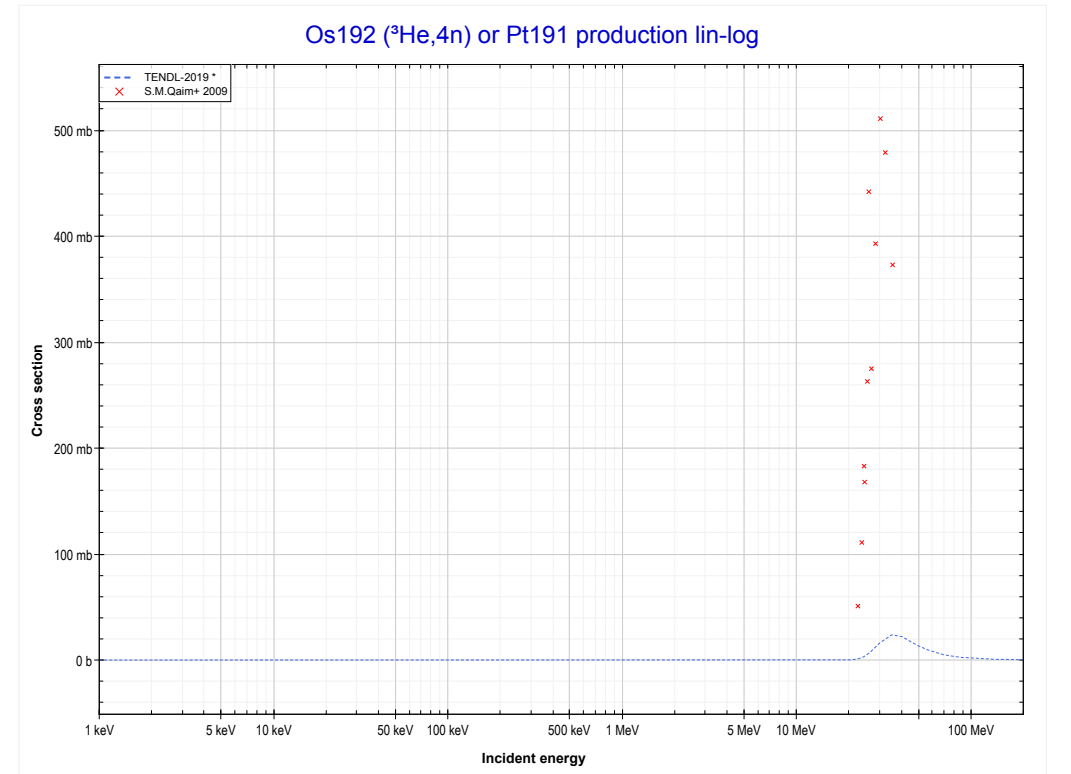
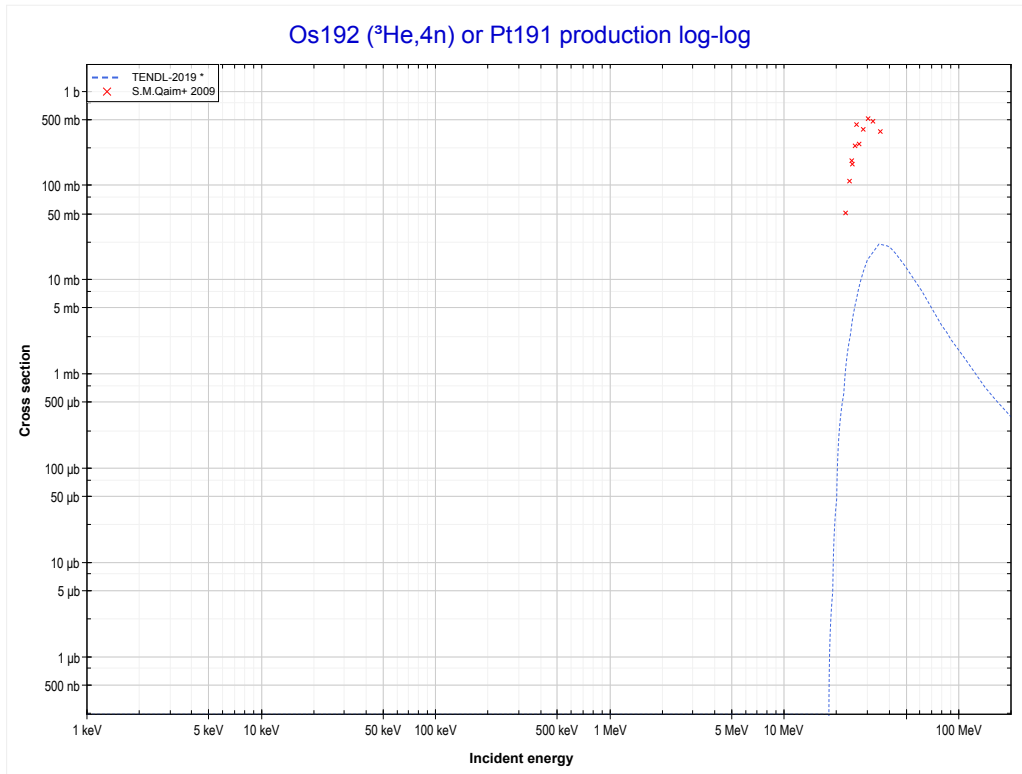
Reaction	Q-Value
Re187($\text{He}3,5n$)Ir185	-26305.87 keV

<< 73-Ta-181	75-Re-187	79-Au-197 >>
<< MT152 (³ He,5n)	MT153 (³He,6n) or MT5 (Ir184 production)	76-Os-192 MT37 (³ He,4n) >>



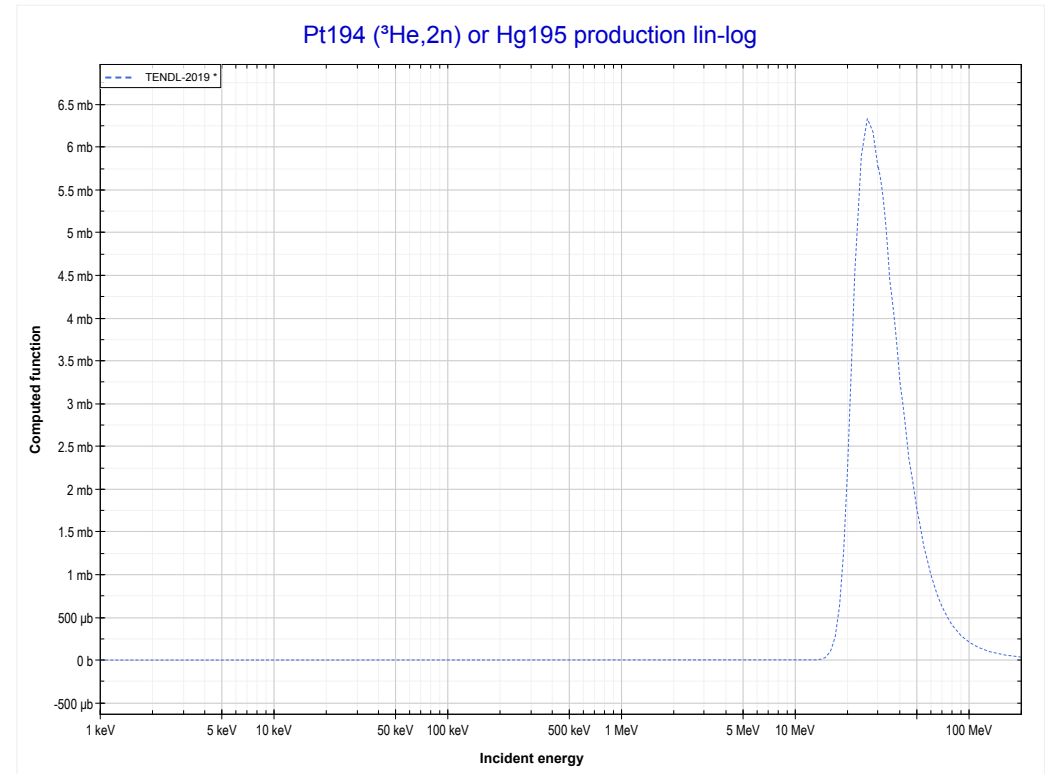
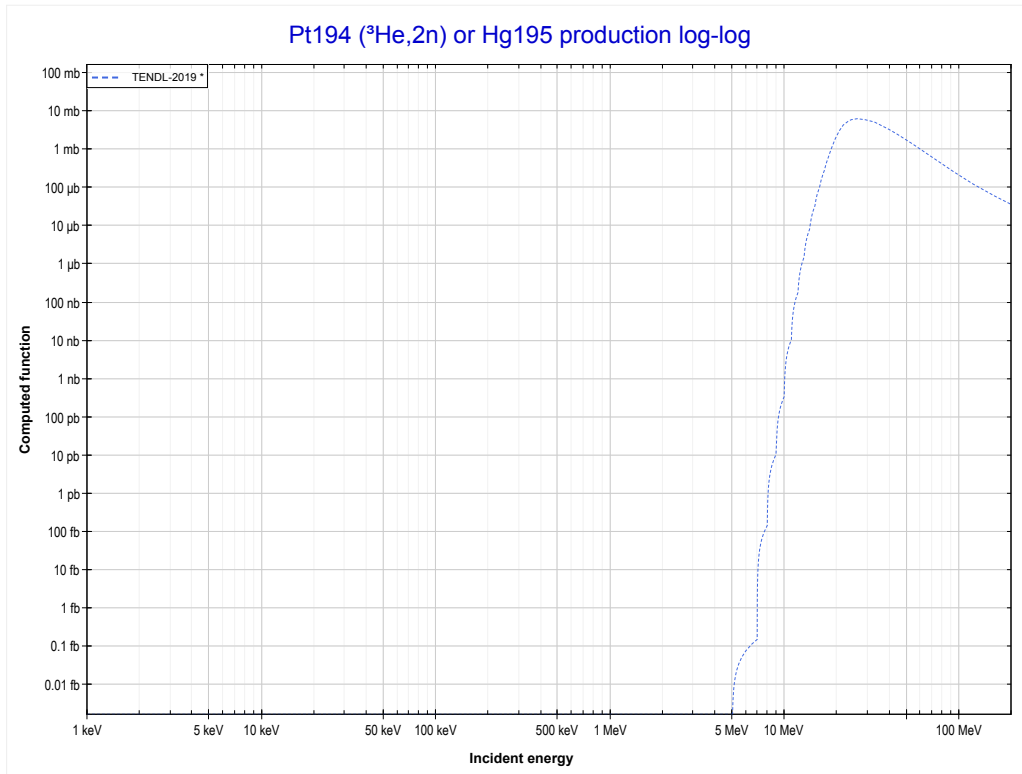
Reaction	Q-Value
Re187(He3,6n)Ir184	-35102.18 keV

<< 75-Re-187	76-Os-192	79-Au-197 >>
<< 75-Re-187 MT153 (³ He,6n)	MT37 (³He,4n) or MT5 (Pt191 production)	78-Pt-194 MT16 (³ He,2n) >>



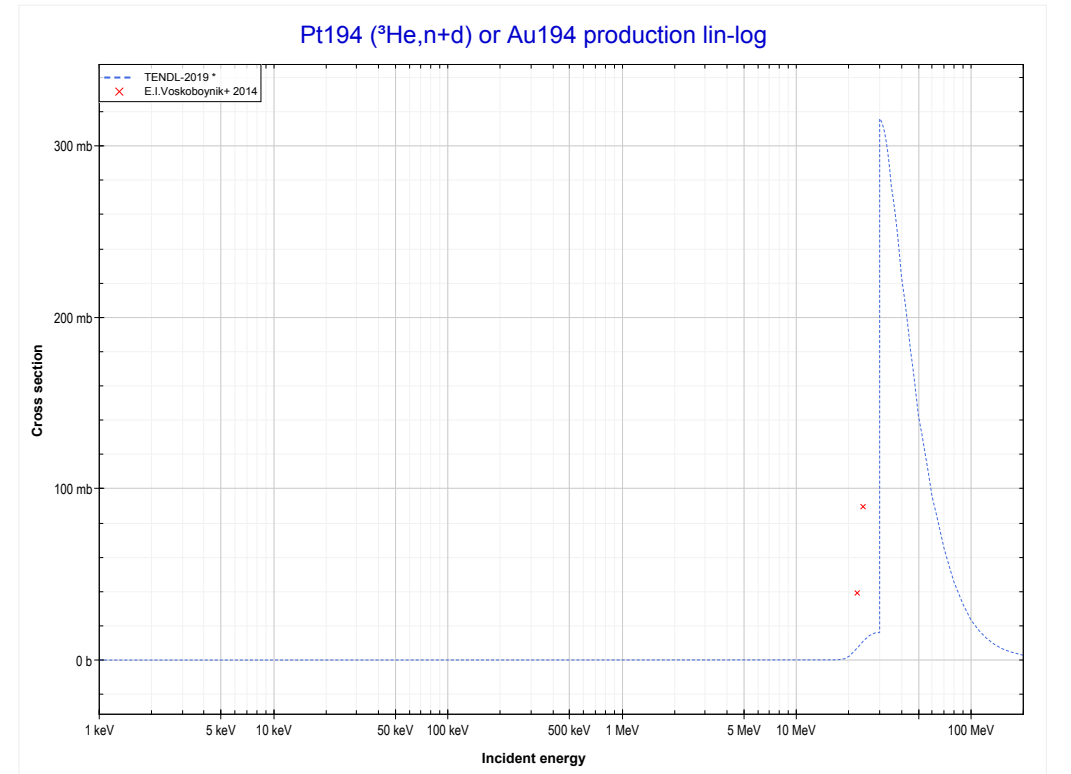
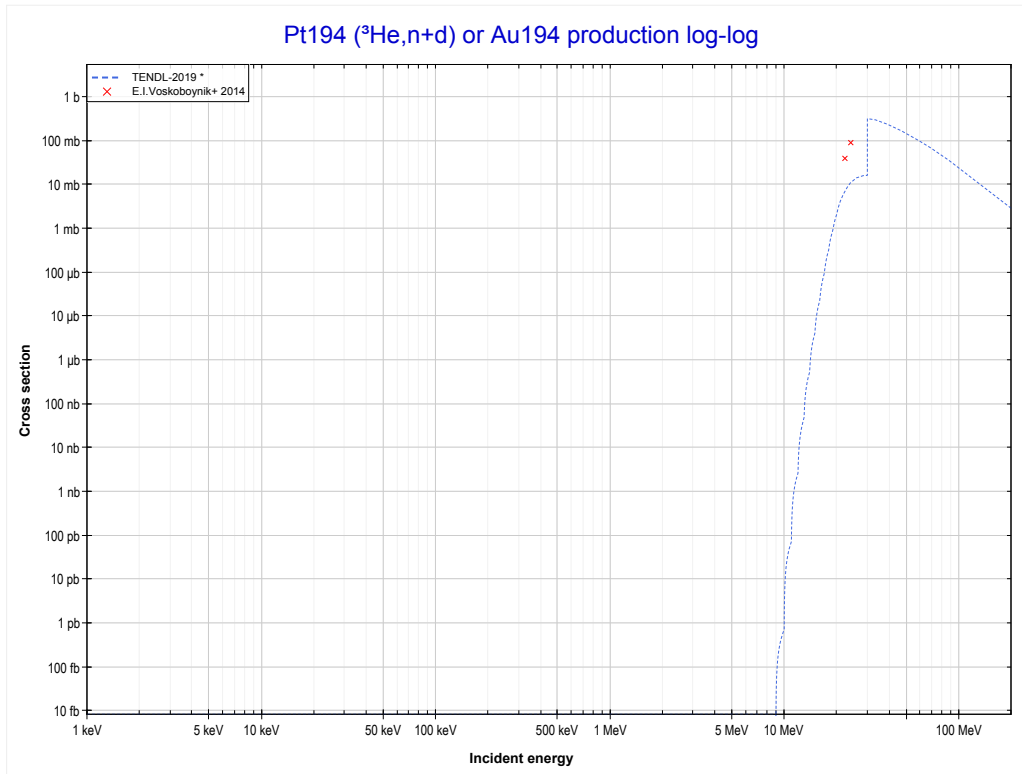
Reaction	Q-Value
Os192(He3,4n)Pt191	-17538.25 keV

<< 73-Ta-181	78-Pt-194	79-Au-197 >>
<< 76-Os-192 MT37 ($^3\text{He},4n$)	MT16 ($^3\text{He},2n$) or MT5 (Hg195 production)	MT32 ($^3\text{He},n+d$) >>



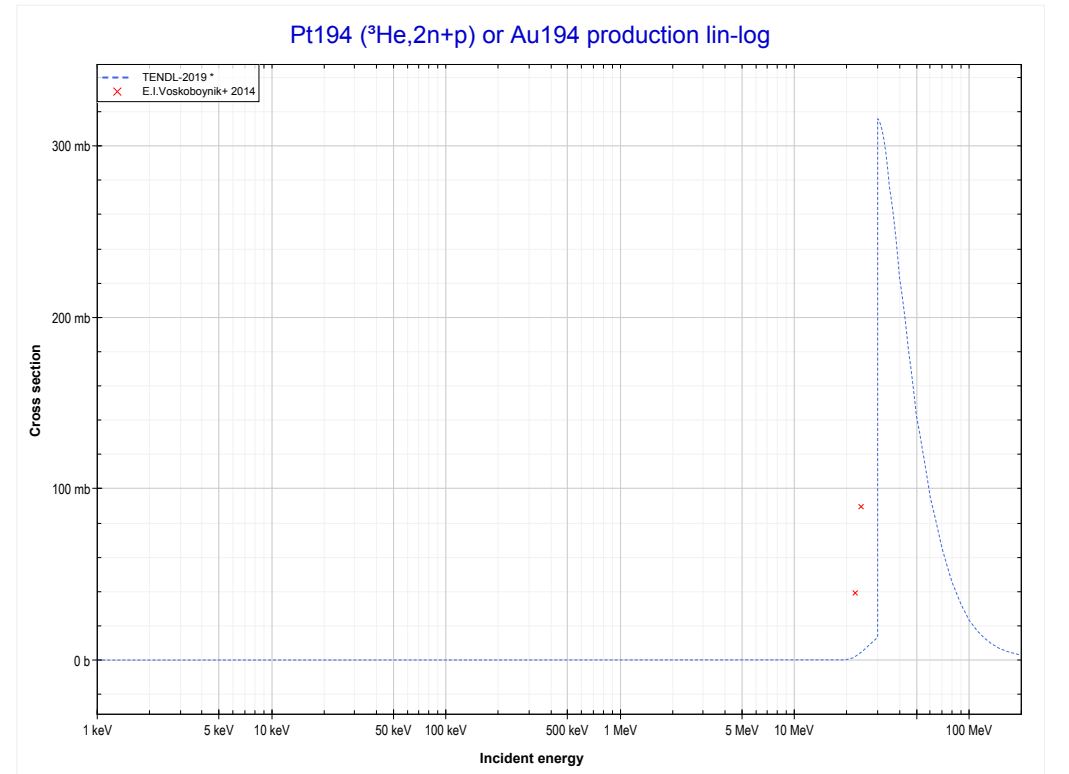
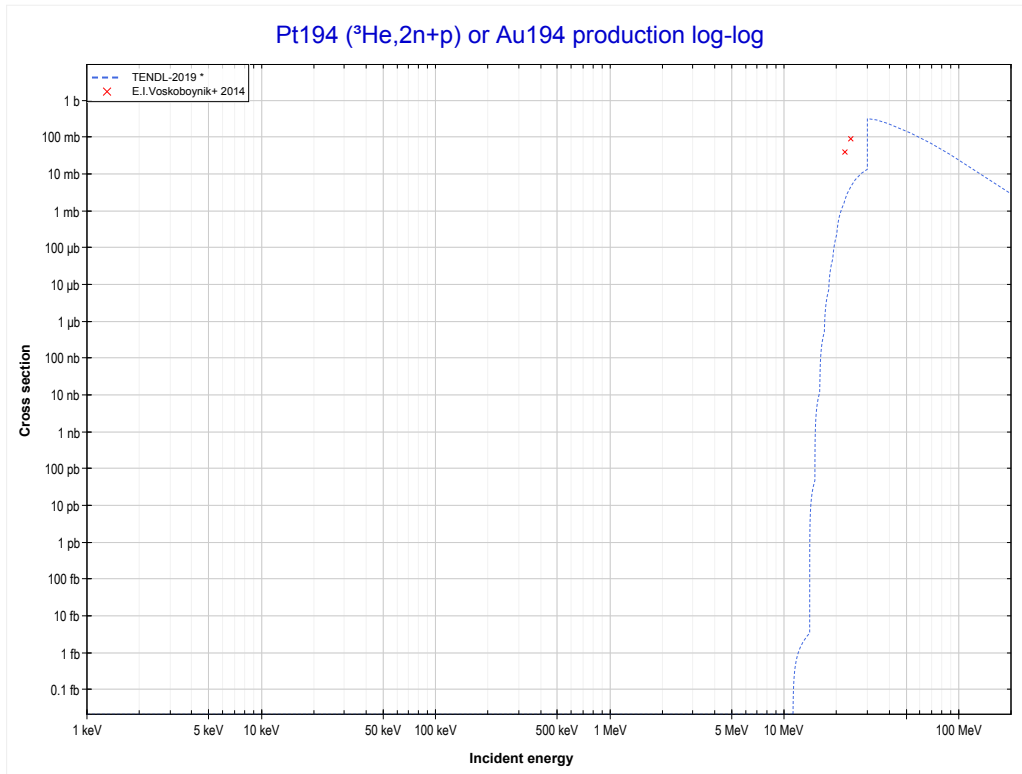
Reaction	Q-Value
Pt194($\text{He}3,2n$)Hg195	-4958.52 keV

<< 74-W-186	78-Pt-194	92-U-235 >>
<< MT16 ($^3\text{He},2n$)	MT32 ($^3\text{He},n+d$) or MT5 (Au194 production)	MT41 ($^3\text{He},2n+p$) >>



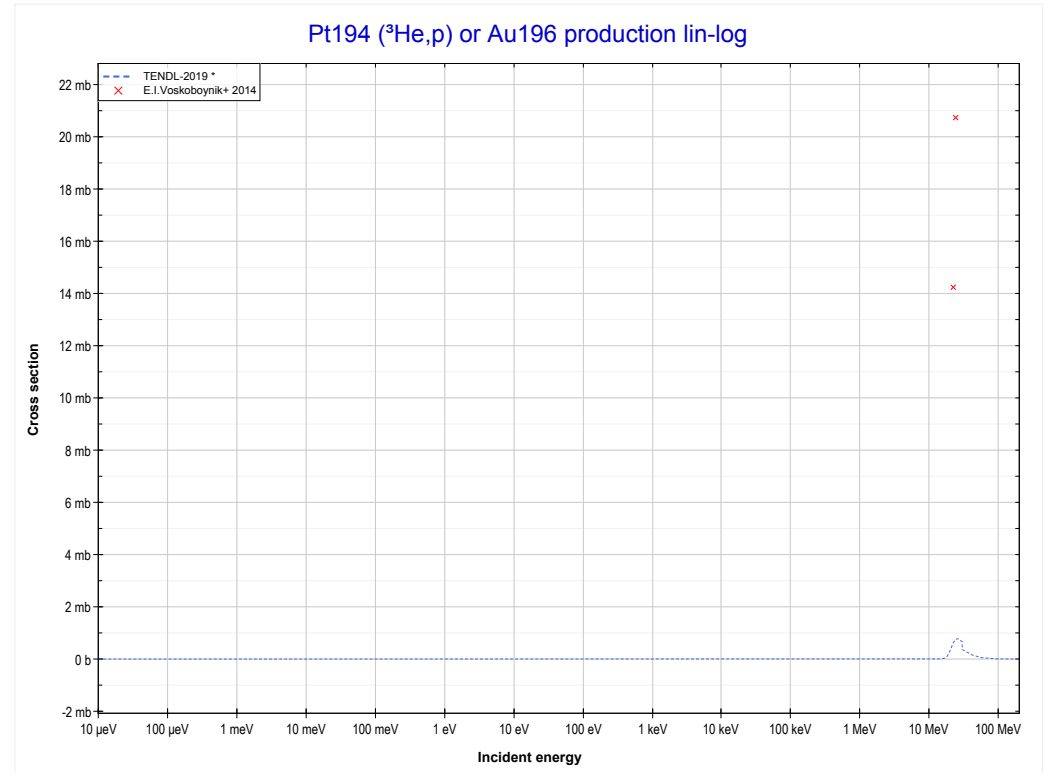
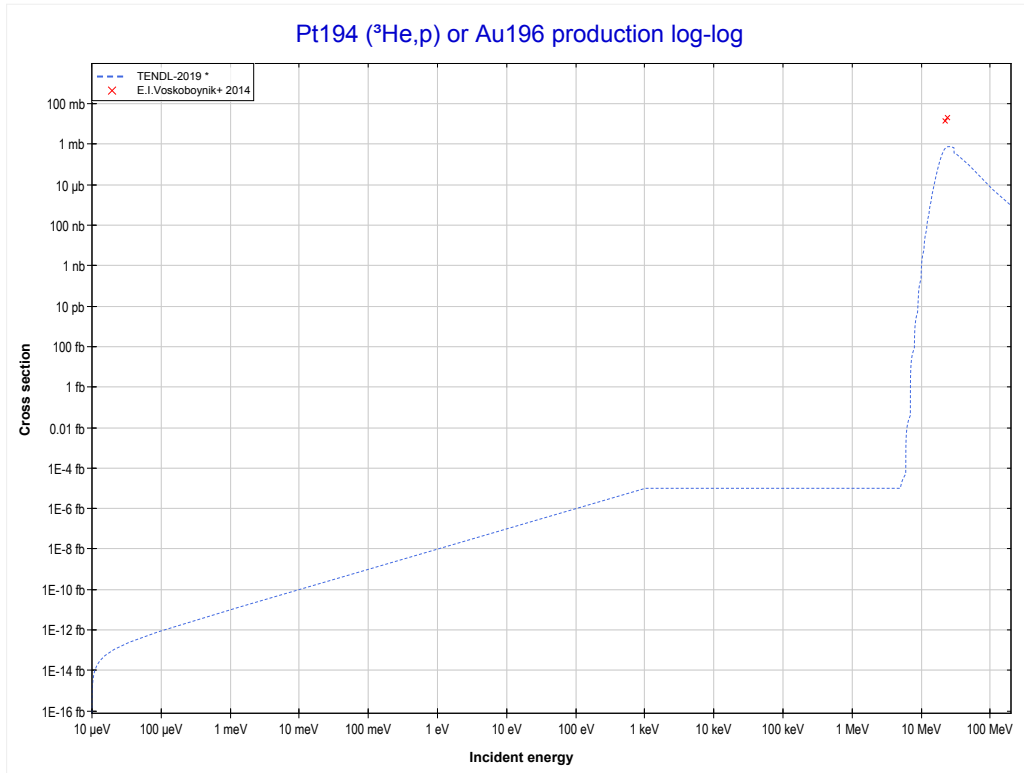
Reaction	Q-Value
Pt194(He3,t)Au194	-2566.79 keV
Pt194(He3,n+d)Au194	-8824.02 keV
Pt194(He3,2n+p)Au194	-11048.59 keV

<< 74-W-186	78-Pt-194	92-U-235 >>
<< MT32 (³ He,n+d)	MT41 (³He,2n+p) or MT5 (Au194 production)	MT103 (³ He,p) >>



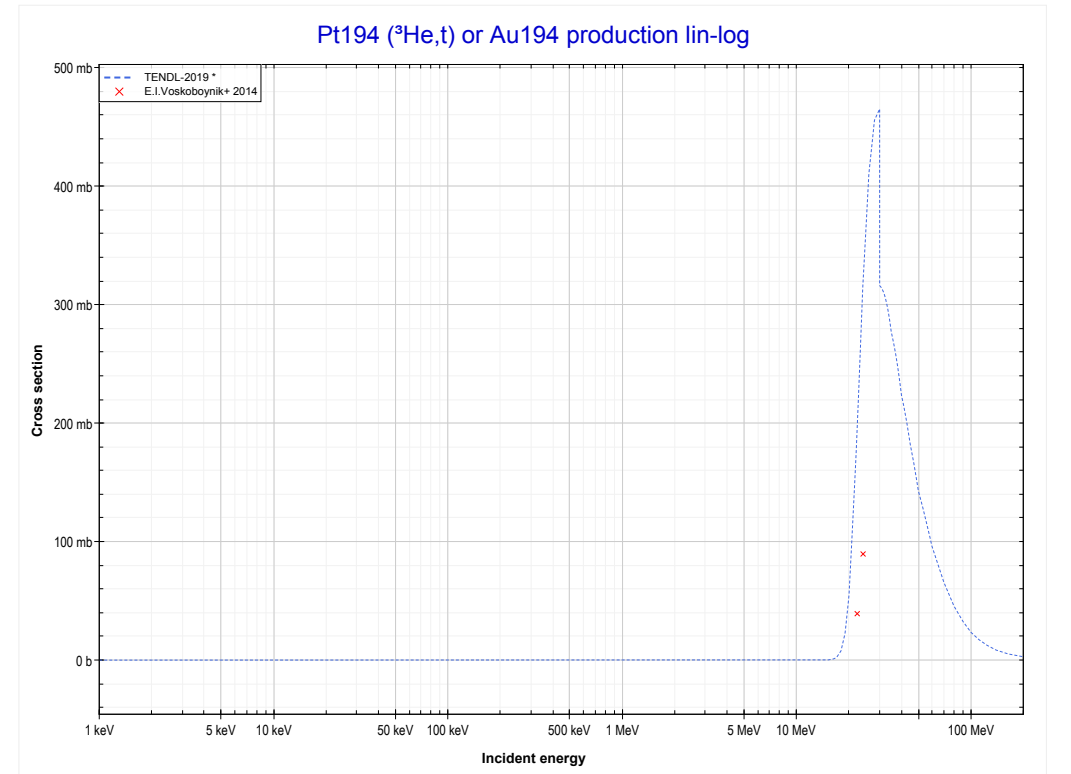
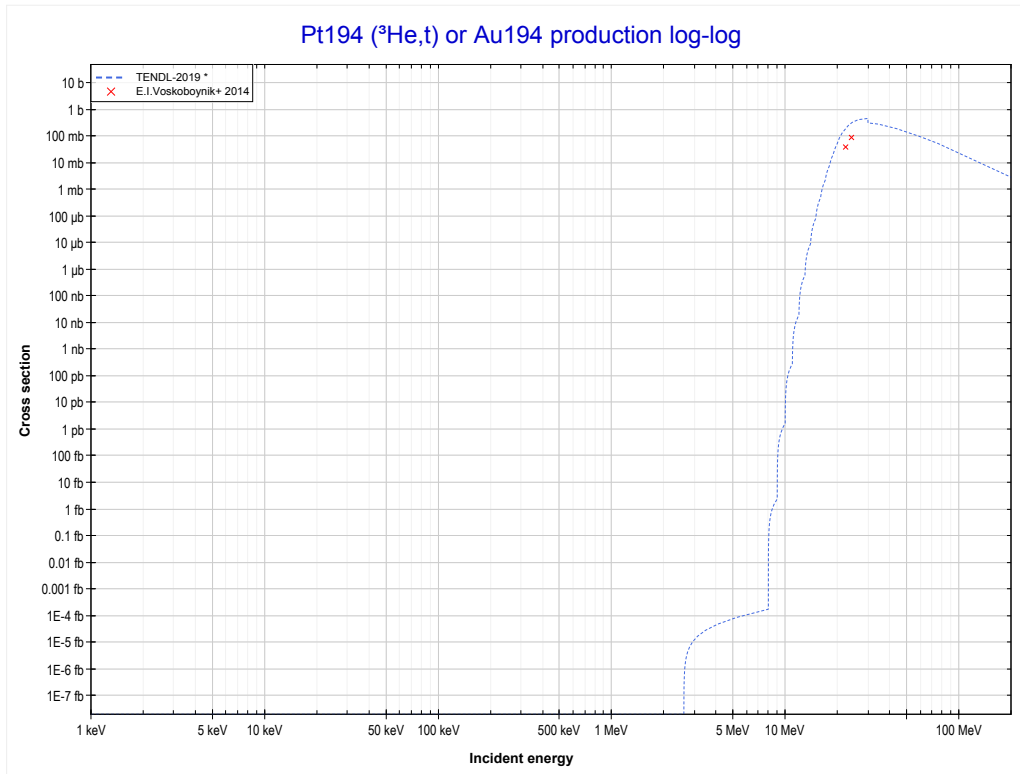
Reaction	Q-Value
Pt194(He3,t)Au194	-2566.79 keV
Pt194(He3,n+d)Au194	-8824.02 keV
Pt194(He3,2n+p)Au194	-11048.59 keV

<< 74-W-186	78-Pt-194	
<< MT41 ($^3\text{He},2n+p$)	MT103 ($^3\text{He},p$) or MT5 (Au196 production)	MT105 ($^3\text{He},t$) >>



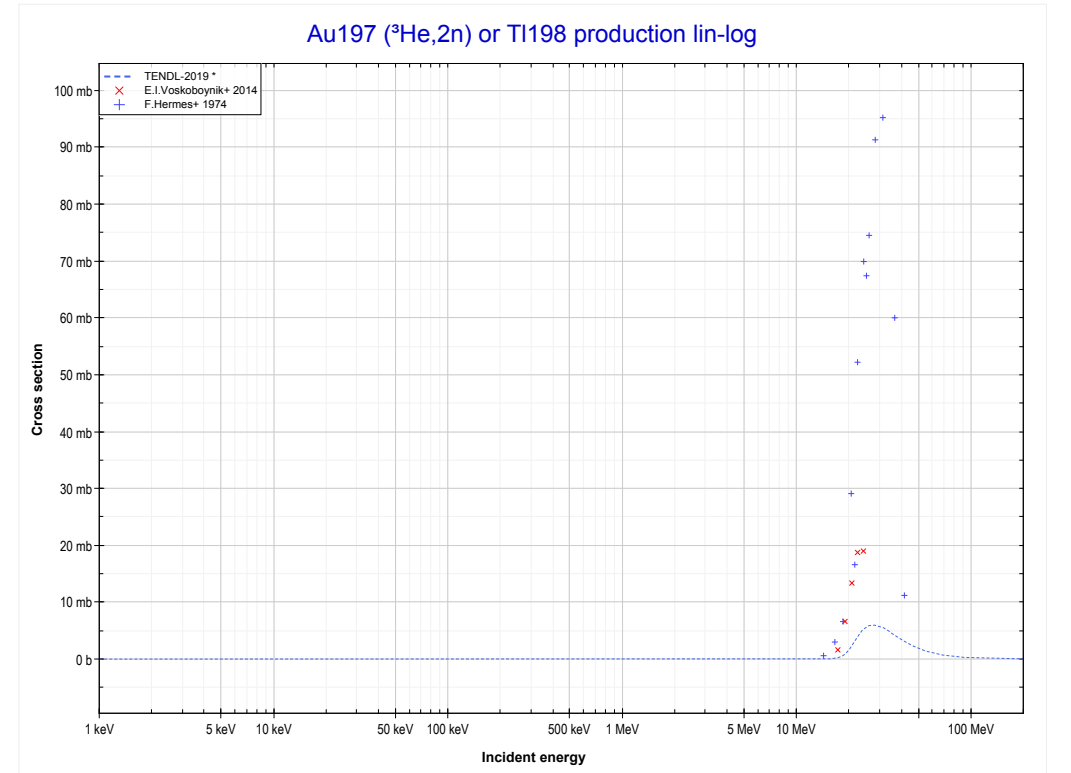
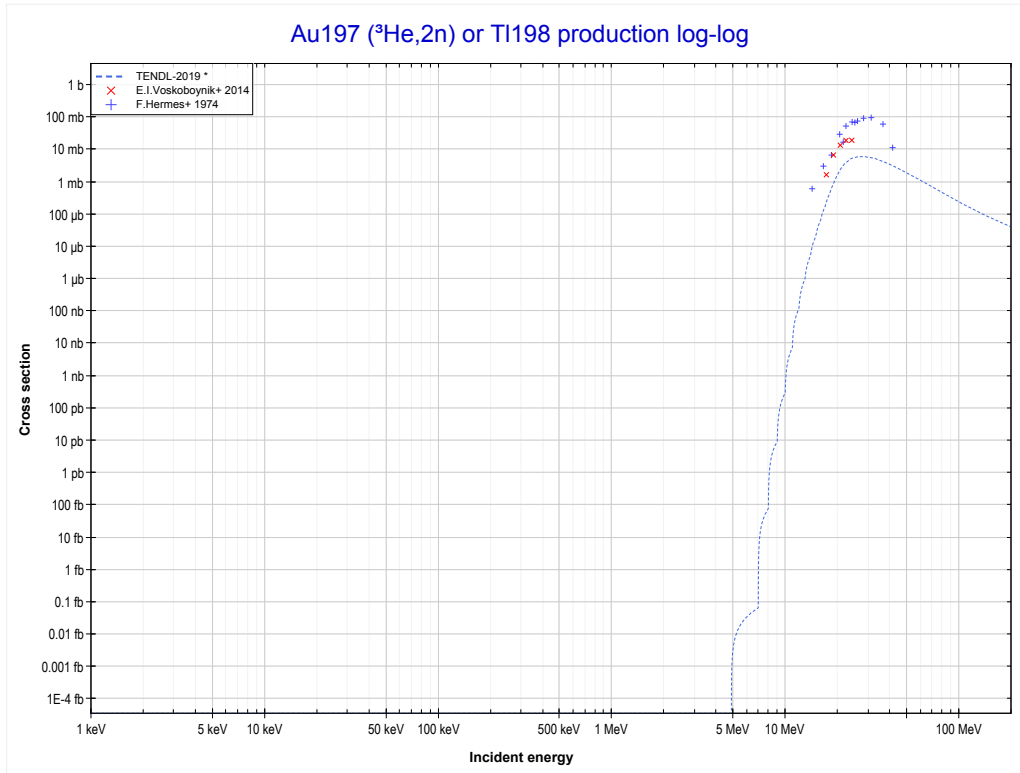
Reaction	Q-Value
Pt194($^3\text{He},p$)Au196	4020.85 keV

<< 74-W-186	78-Pt-194	92-U-235 >>
<< MT103 ($^3\text{He},p$)	MT105 ($^3\text{He},t$) or MT5 (Au194 production)	79-Au-197 MT16 ($^3\text{He},2n$) >>



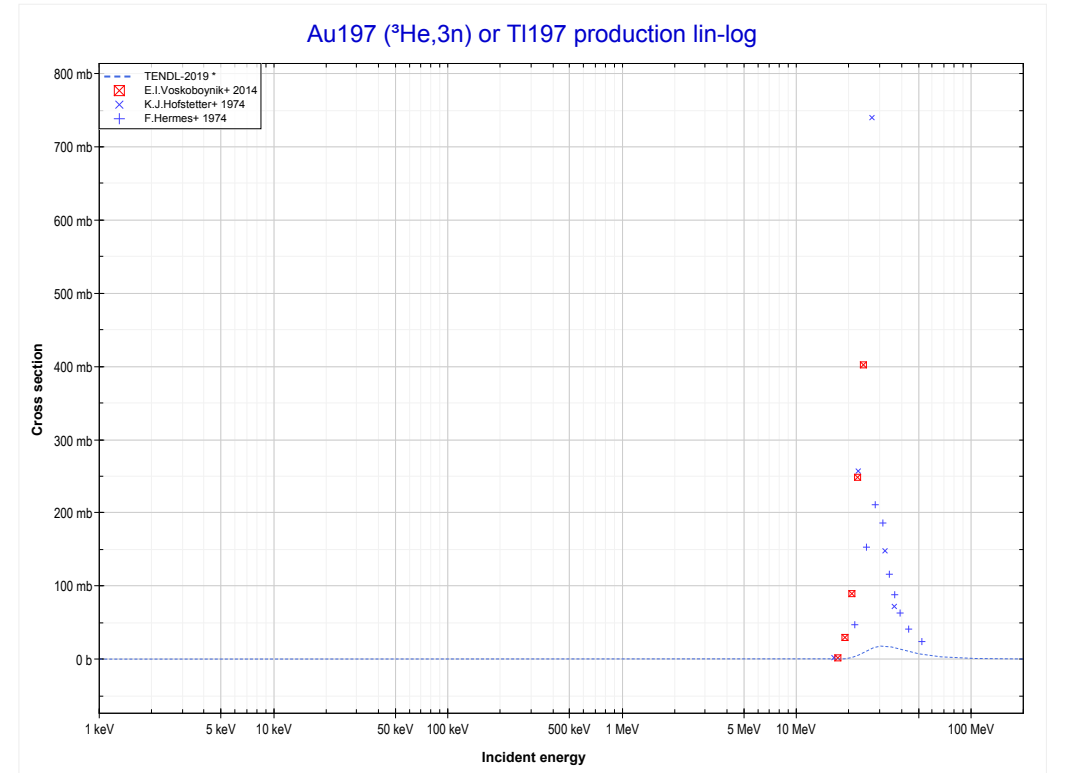
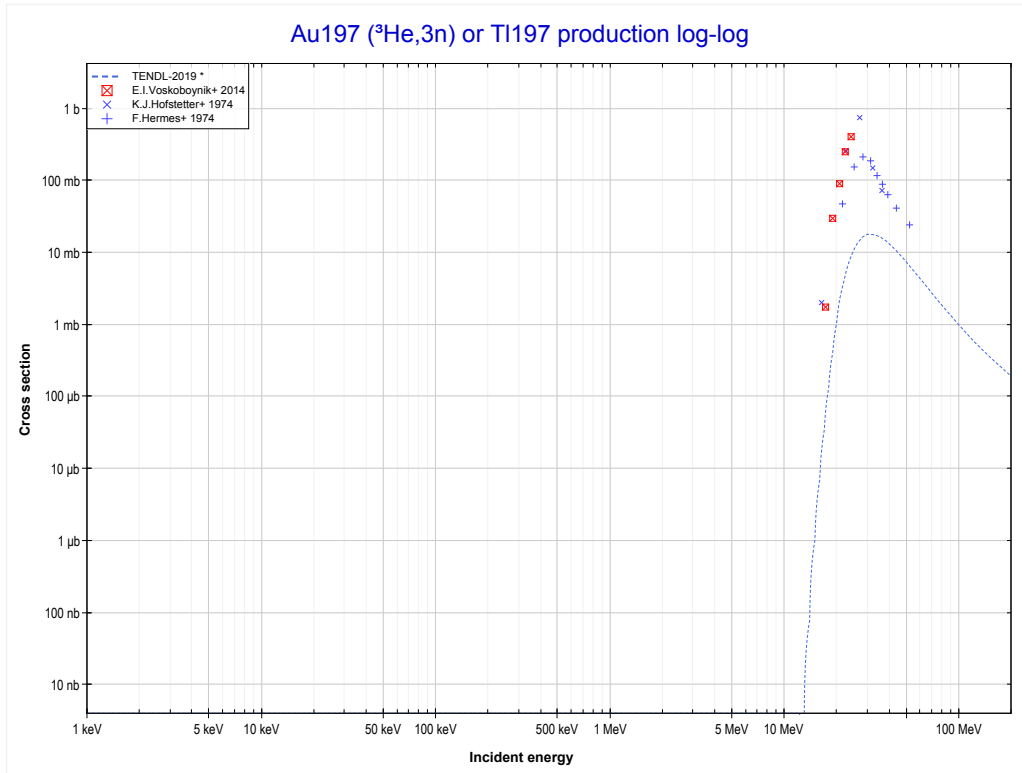
Reaction	Q-Value
Pt194($\text{He}3,t$)Au194	-2566.79 keV
Pt194($\text{He}3,n+d$)Au194	-8824.02 keV
Pt194($\text{He}3,2n+p$)Au194	-11048.59 keV

<< 78-Pt-194	79-Au-197	82-Pb-207 >>
<< 78-Pt-194 MT105 (³ He,t)	MT16 (³He,2n) or MT5 (Tl198 production)	MT17 (³ He,3n) >>



Reaction	Q-Value
Au197(He3,2n)Tl198	-4822.12 keV

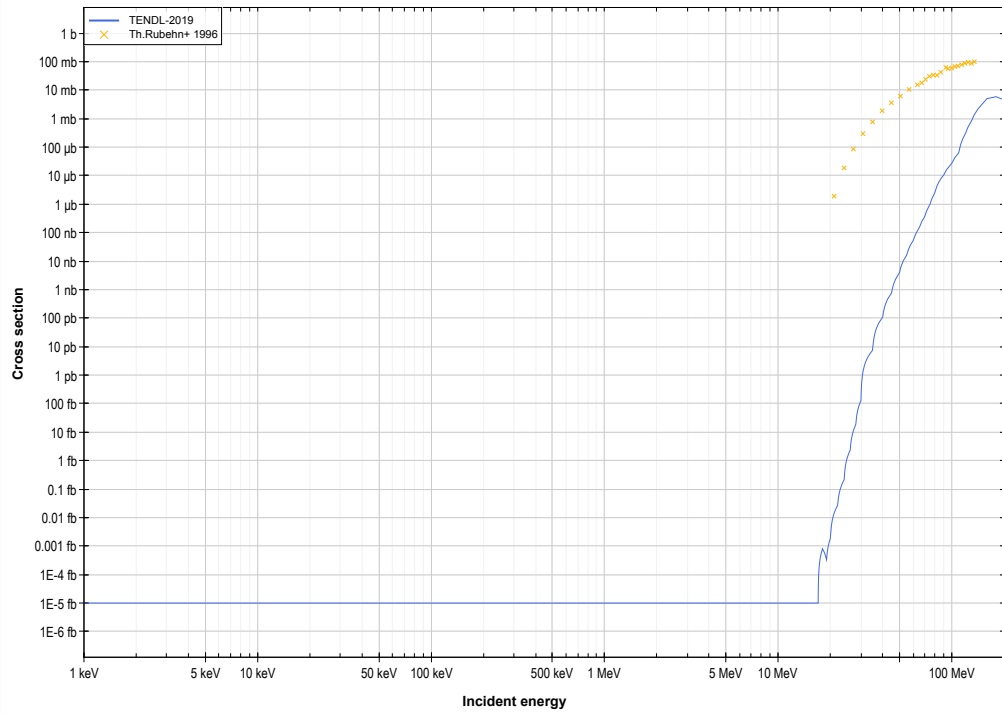
<< 75-Re-187	79-Au-197	82-Pb-207 >>
<< MT16 (³ He,2n)	MT17 (³He,3n) or MT5 (Tl197 production)	MT18 (³ He,fission) >>



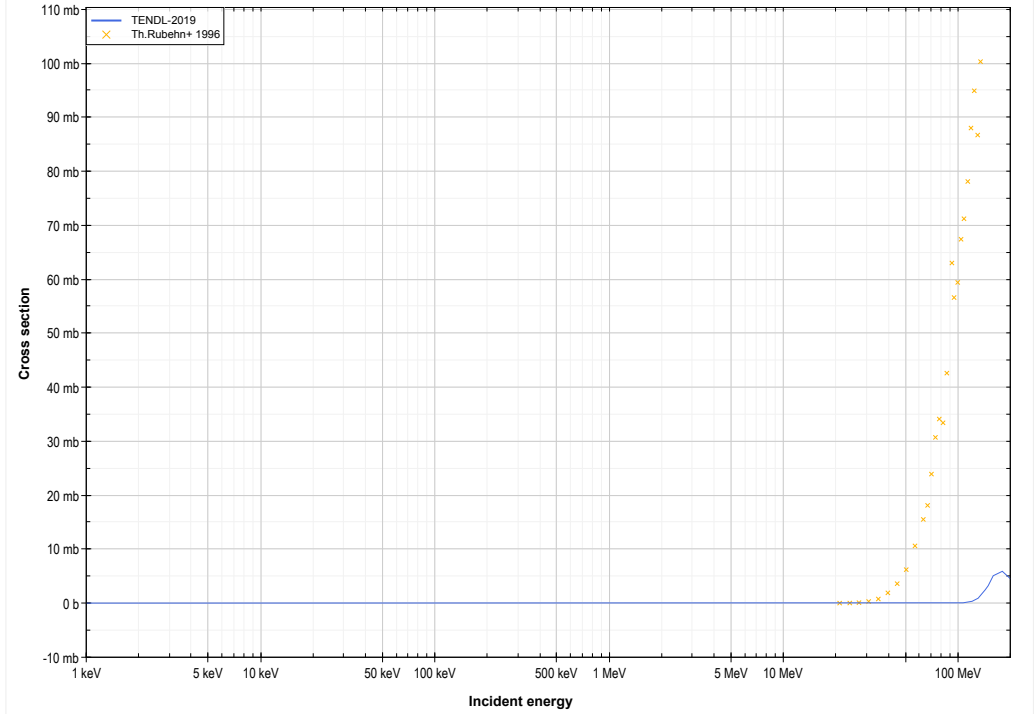
Reaction	Q-Value
Au197(He3,3n)Tl197	-12080.43 keV

	79-Au-197	82-Pb-208 >>
<< MT17 (³He,3n)	MT18 (³He,fission)	MT34 (³He,n+³He) >>

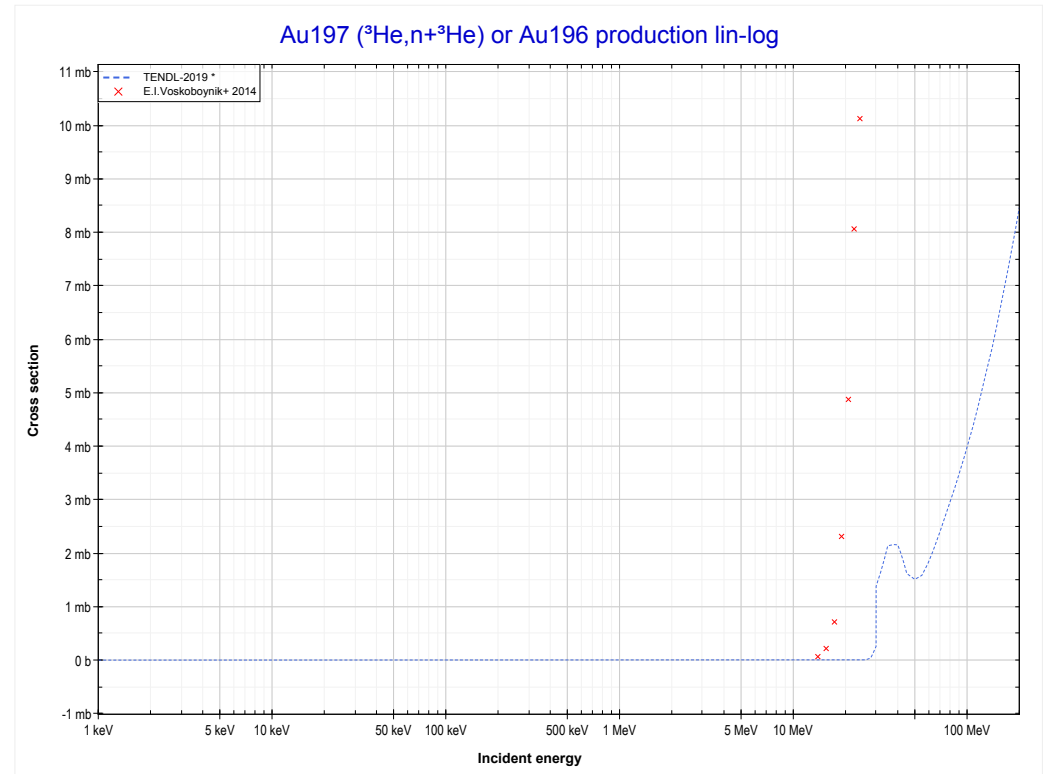
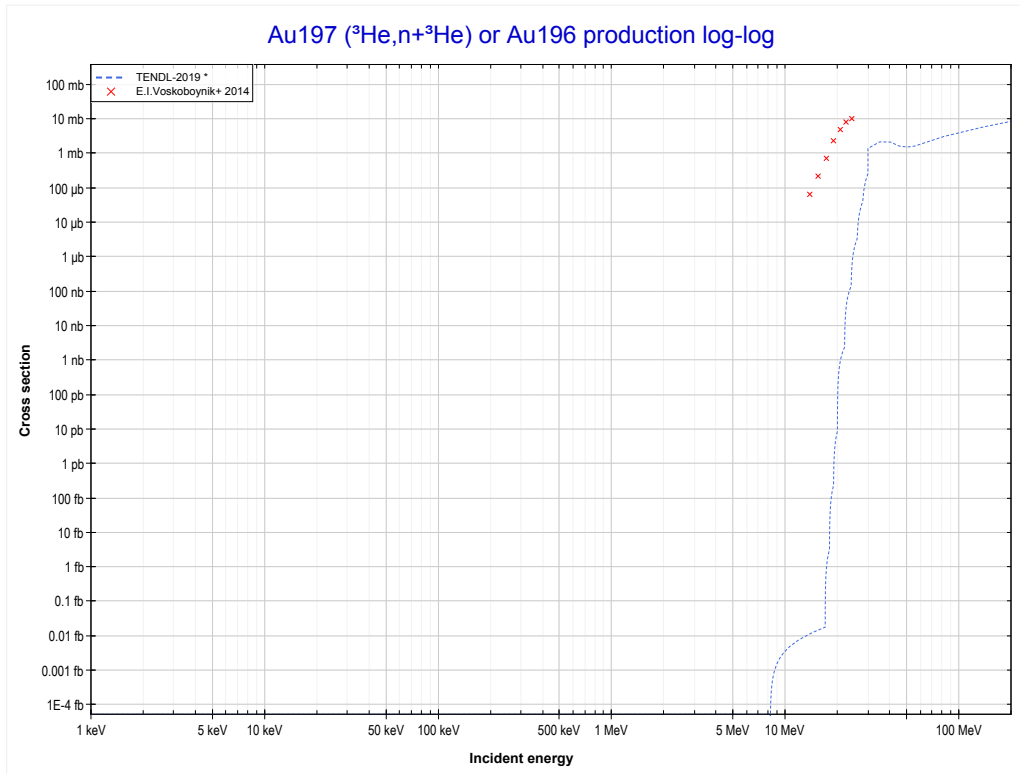
Au197 (³He,fission) log-log



Au197 (³He,fission) lin-log

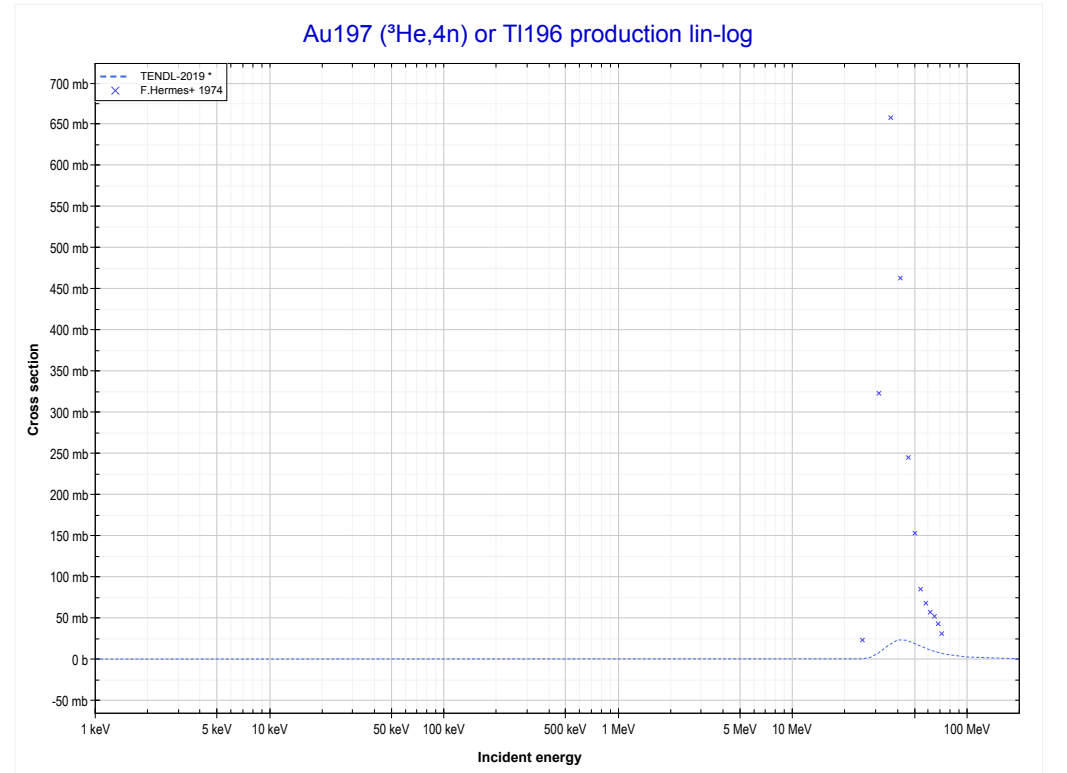
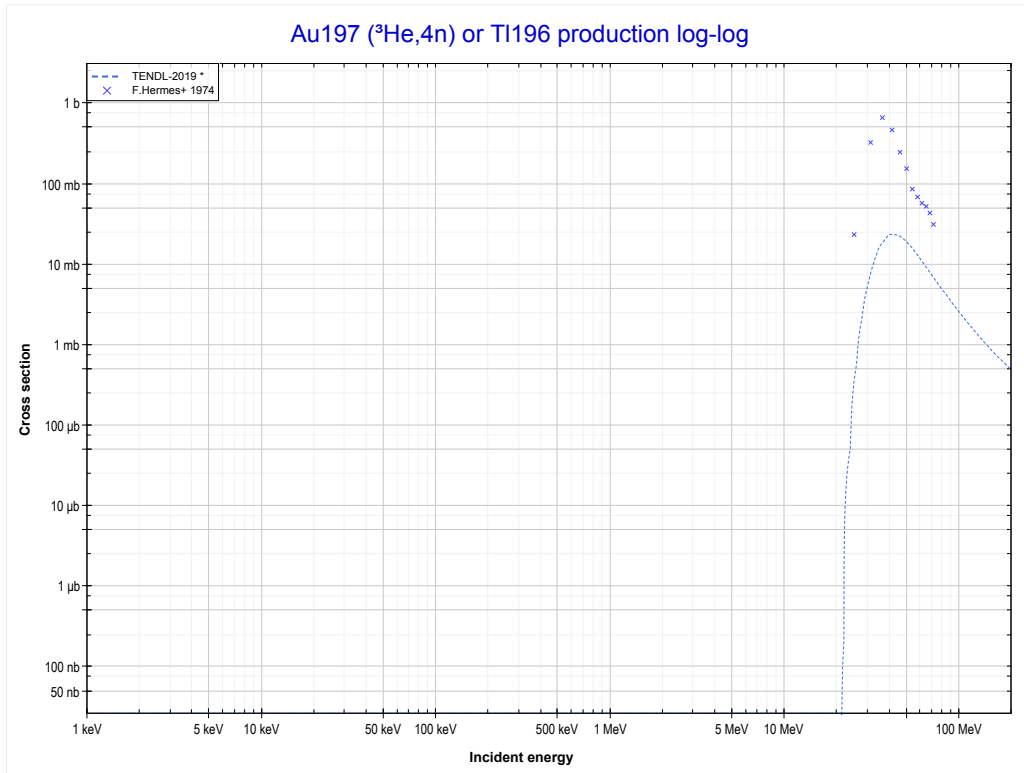


<< 45-Rh-103	79-Au-197	
<< MT18 (^3He ,fission)	MT34 (^3He,n+^3He) or MT5 (Au196 production)	MT37 (^3He ,4n) >>



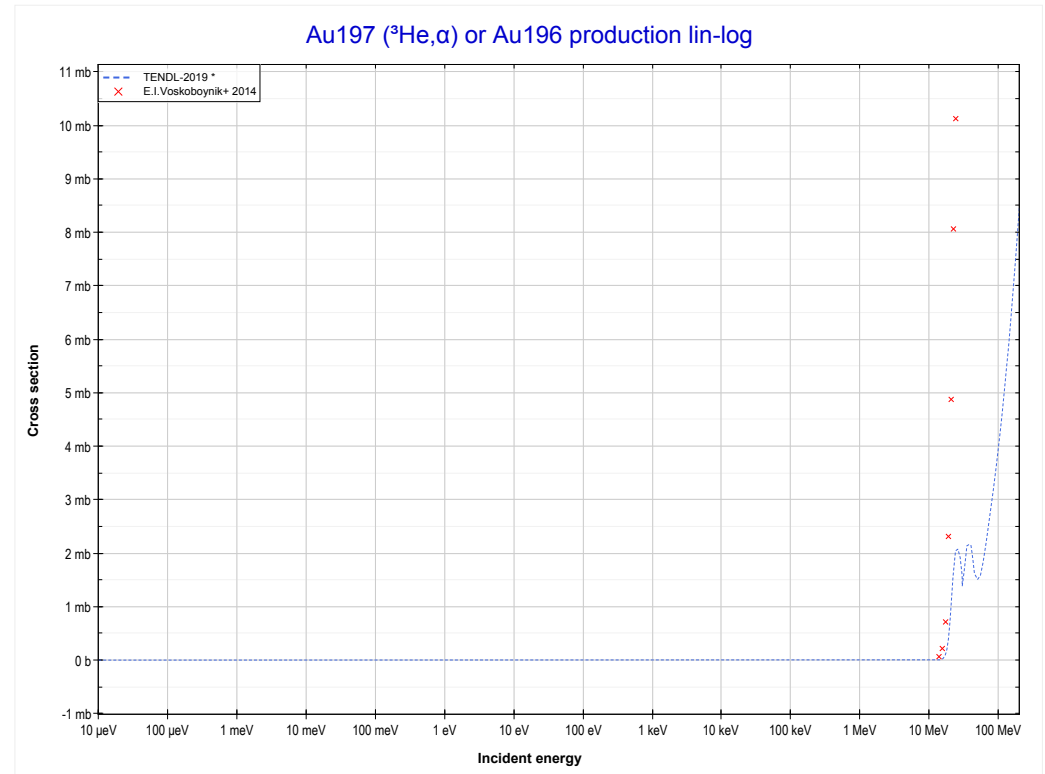
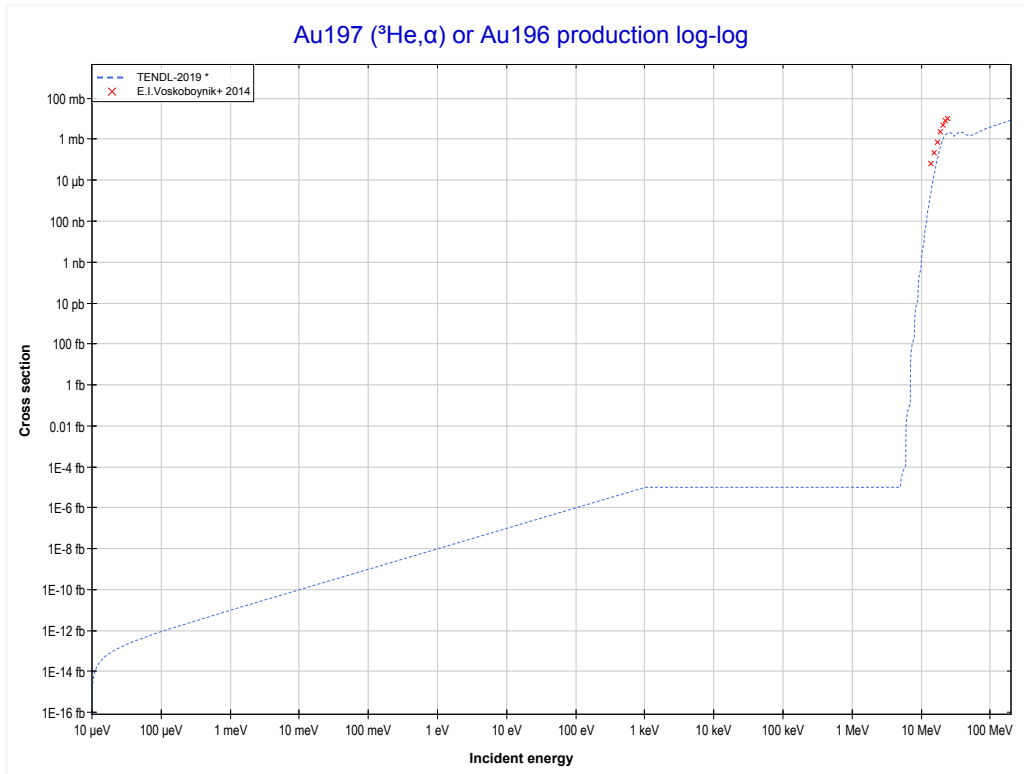
Reaction	Q-Value
Au197(He3, α)Au196	12505.30 keV
Au197(He3,p+t)Au196	-7308.56 keV
Au197(He3,n+He3)Au196	-8072.32 keV
Au197(He3,2d)Au196	-11341.23 keV
Au197(He3,n+p+d)Au196	-13565.79 keV
Au197(He3,2n+2p)Au196	-15790.36 keV

<< 76-Os-192	79-Au-197	81-Tl-203 >>
<< MT34 (³ He,n+ ³ He)	MT37 (³He,4n) or MT5 (Tl196 production)	MT107 (³ He,α) >>



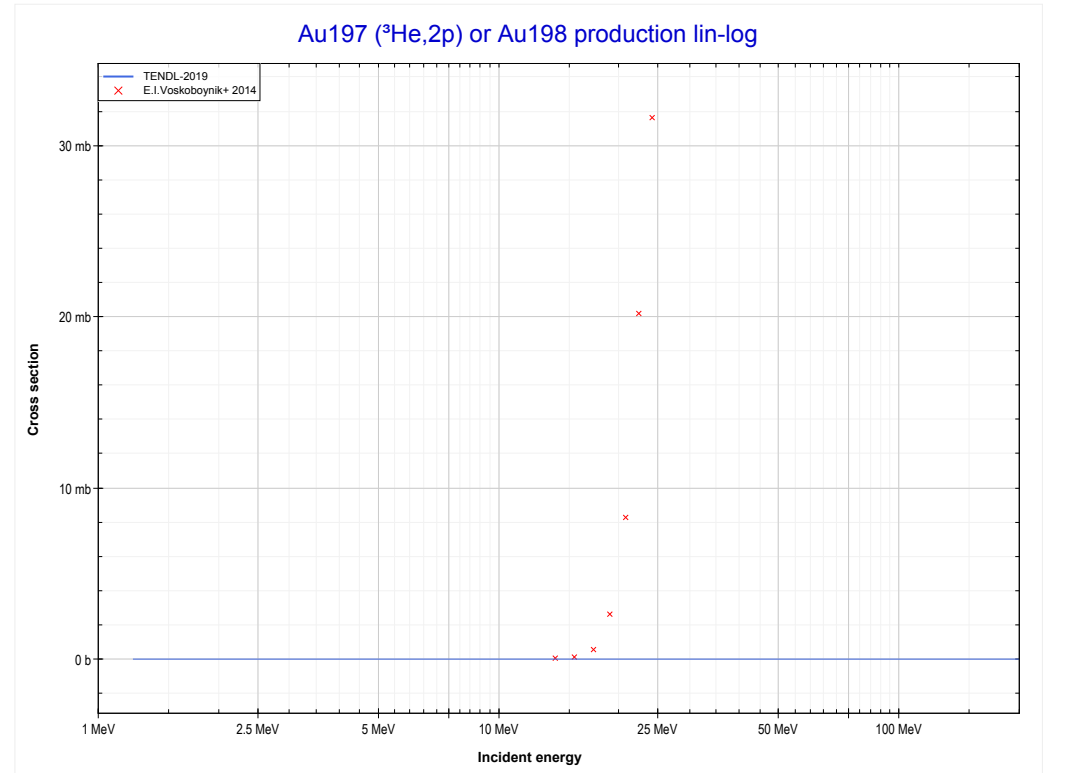
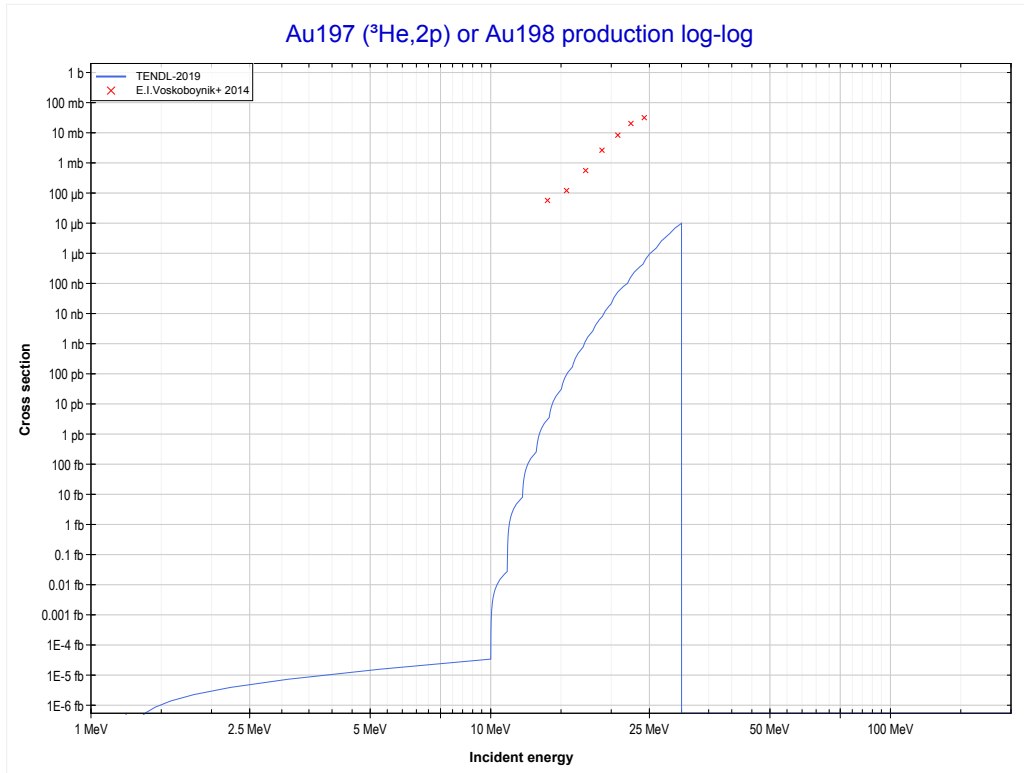
Reaction	Q-Value
Au197(He3,4n)Tl196	-20996.75 keV

<< 75-Re-187	79-Au-197	
<< MT37 (³ He,4n)	MT107 (³He,α) or MT5 (Au196 production)	MT111 (³ He,2p) >>



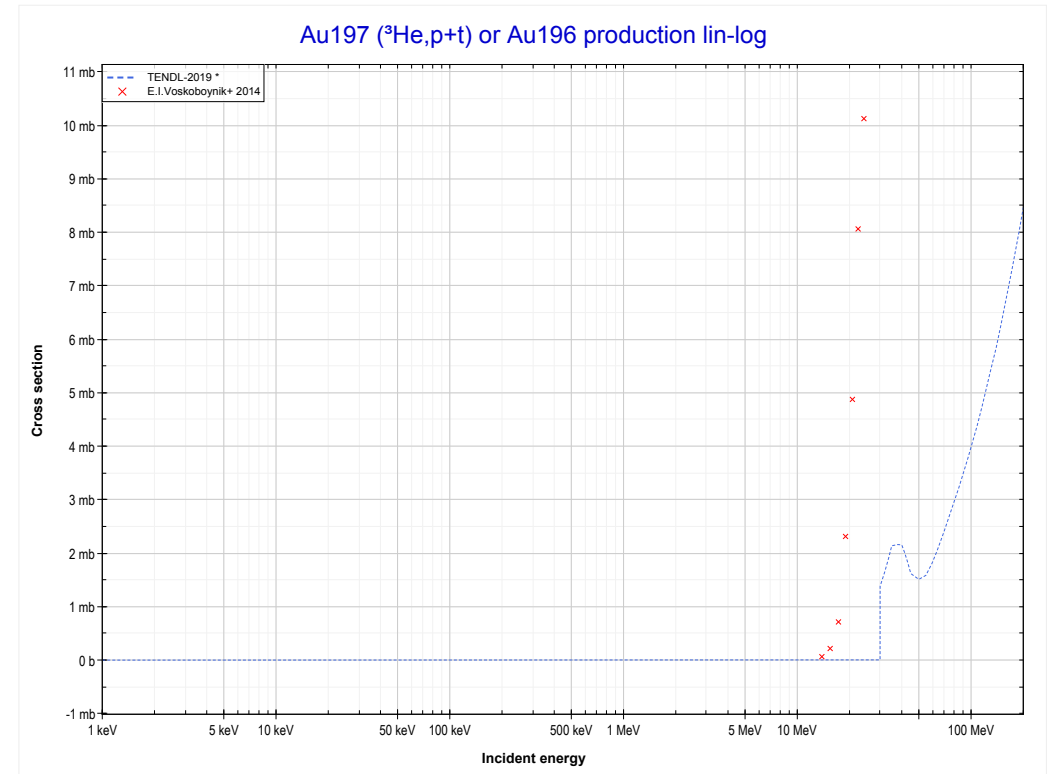
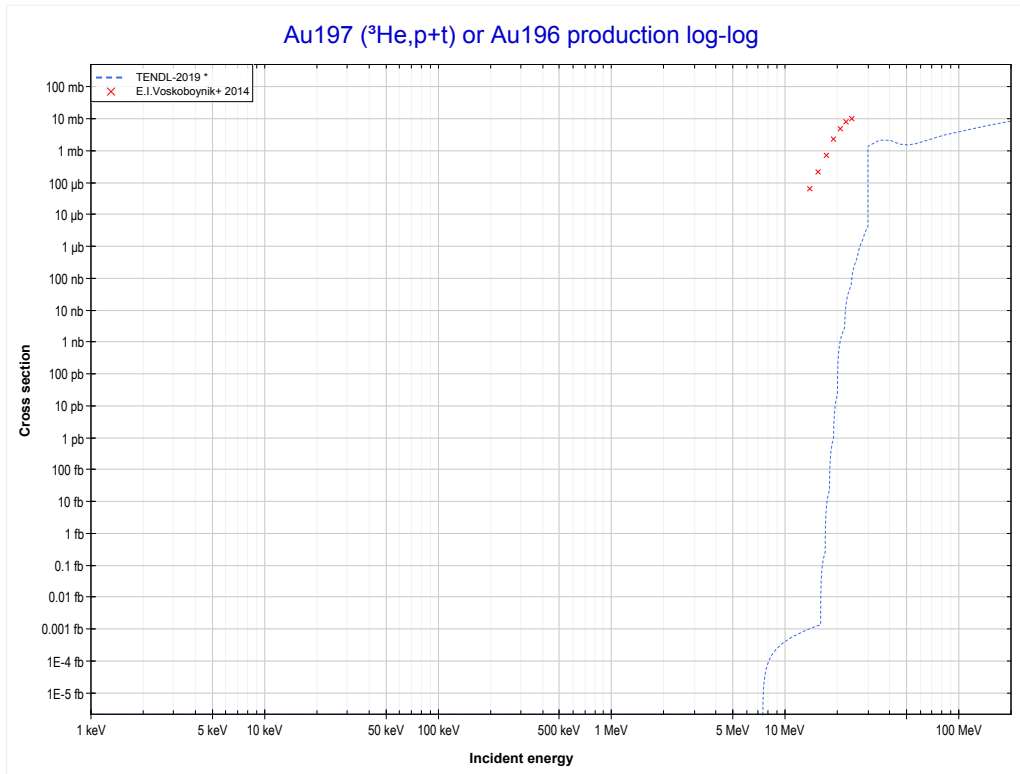
Reaction	Q-Value
Au197(He3,α)Au196	12505.30 keV
Au197(He3,p+t)Au196	-7308.56 keV
Au197(He3,n+He3)Au196	-8072.32 keV
Au197(He3,2d)Au196	-11341.23 keV
Au197(He3,n+p+d)Au196	-13565.79 keV
Au197(He3,2n+2p)Au196	-15790.36 keV

<< 75-Re-185	79-Au-197	93-Np-237 >>
<< MT107 ($^3\text{He},\alpha$)	MT111 ($^3\text{He},2p$) or MT5 (Au198 production)	MT116 ($^3\text{He},p+t$) >>



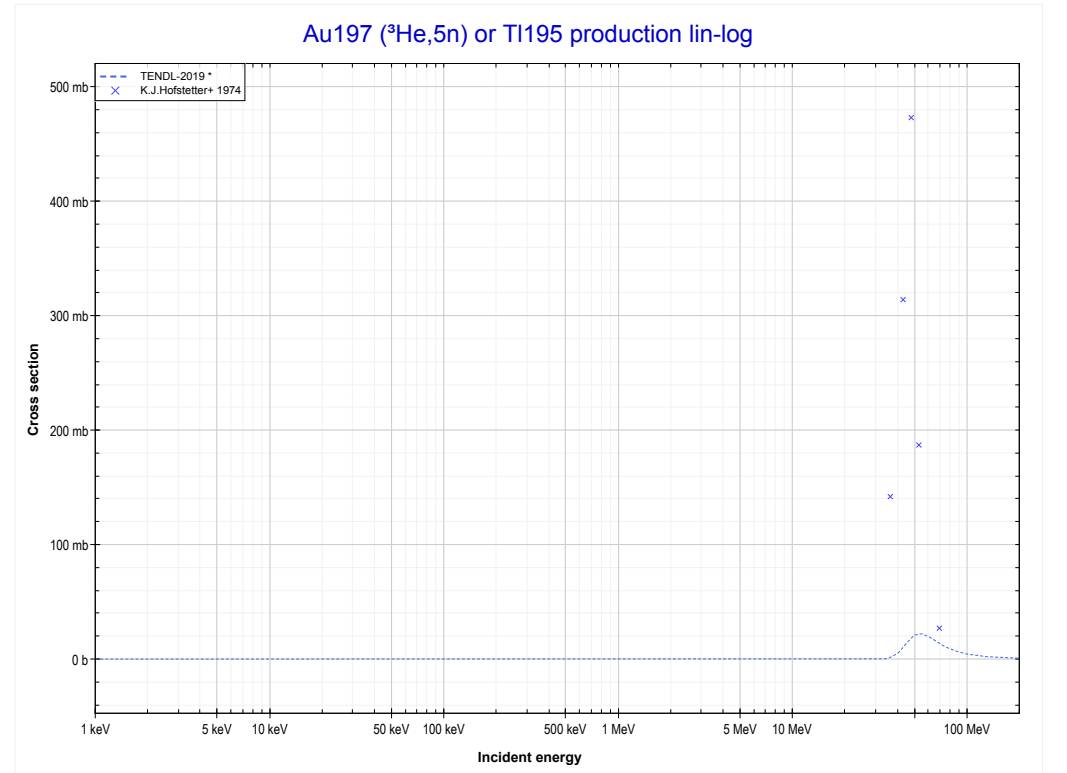
Reaction	Q-Value
Au197($\text{He}3,2p$)Au198	-1205.62 keV

<< 45-Rh-103	79-Au-197	
<< MT111 (³ He,2p)	MT116 (³He,p+t) or MT5 (Au196 production)	MT152 (³ He,5n) >>



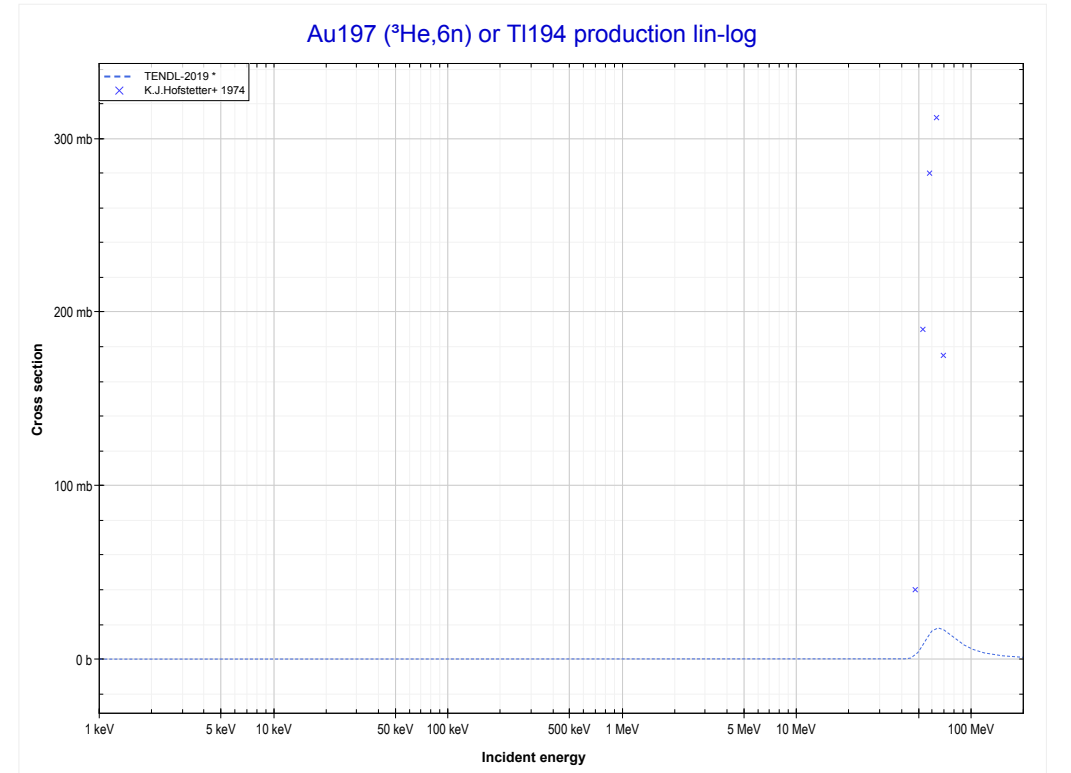
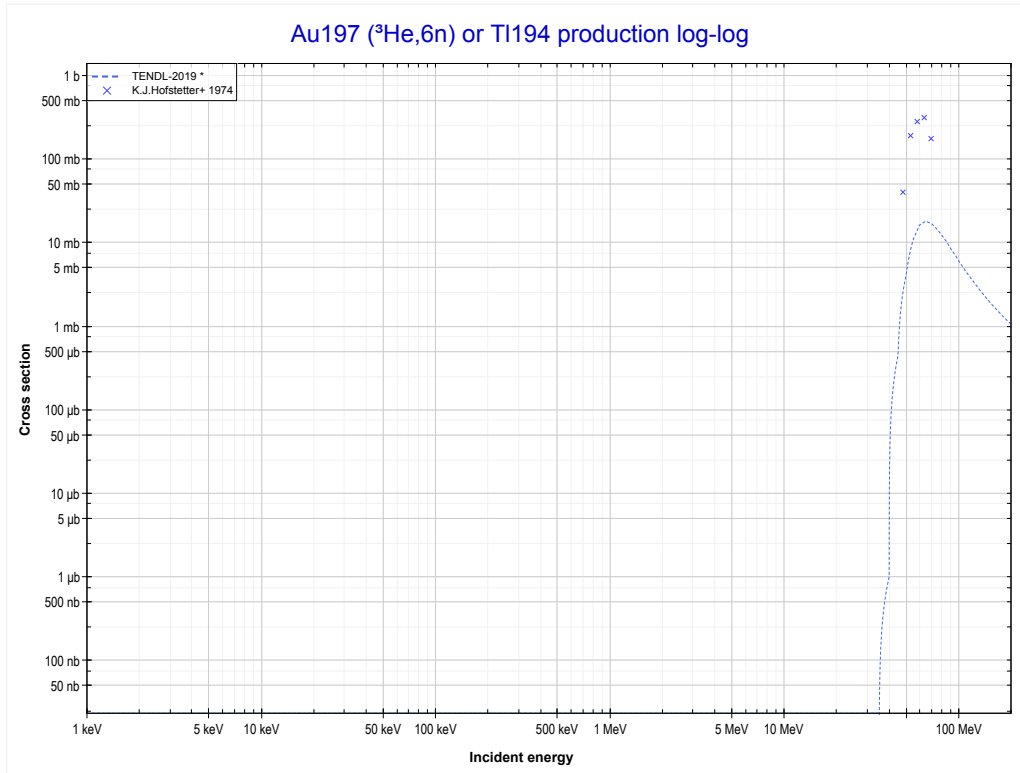
Reaction	Q-Value
Au197(He3,α)Au196	12505.30 keV
Au197(He3,p+t)Au196	-7308.56 keV
Au197(He3,n+He3)Au196	-8072.32 keV
Au197(He3,2d)Au196	-11341.23 keV
Au197(He3,n+p+d)Au196	-13565.79 keV
Au197(He3,2n+2p)Au196	-15790.36 keV

<< 75-Re-187	79-Au-197	81-Tl-203 >>
<< MT116 (³ He,p+t)	MT152 (³He,5n) or MT5 (Tl195 production)	MT153 (³ He,6n) >>



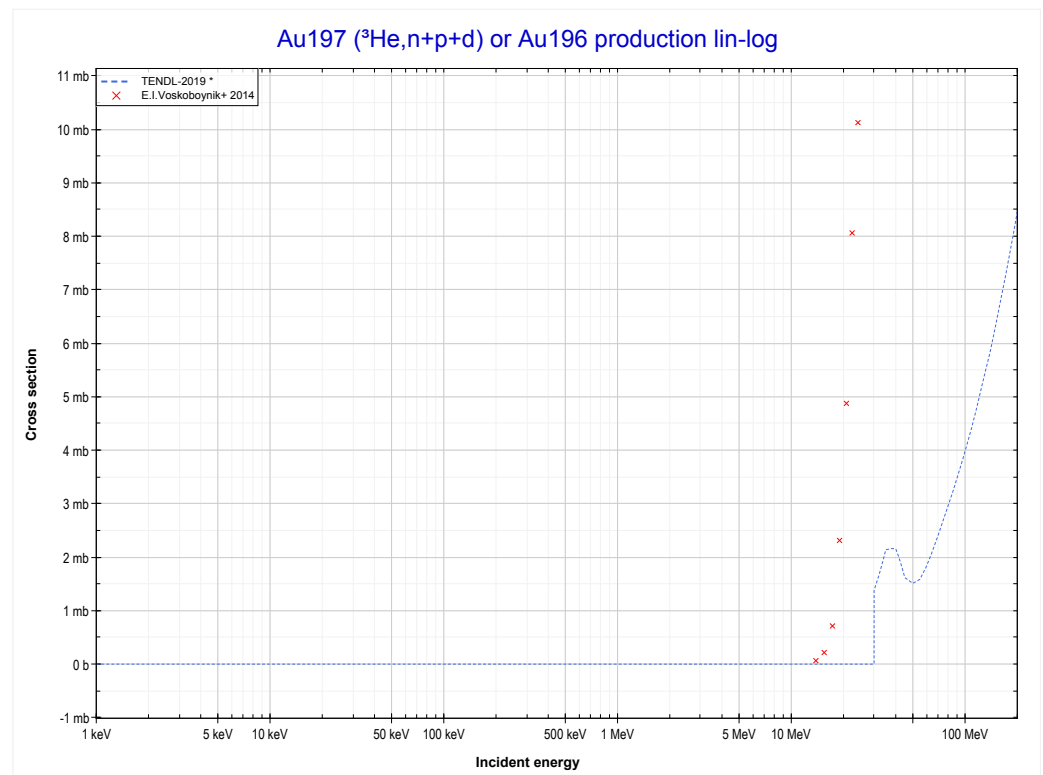
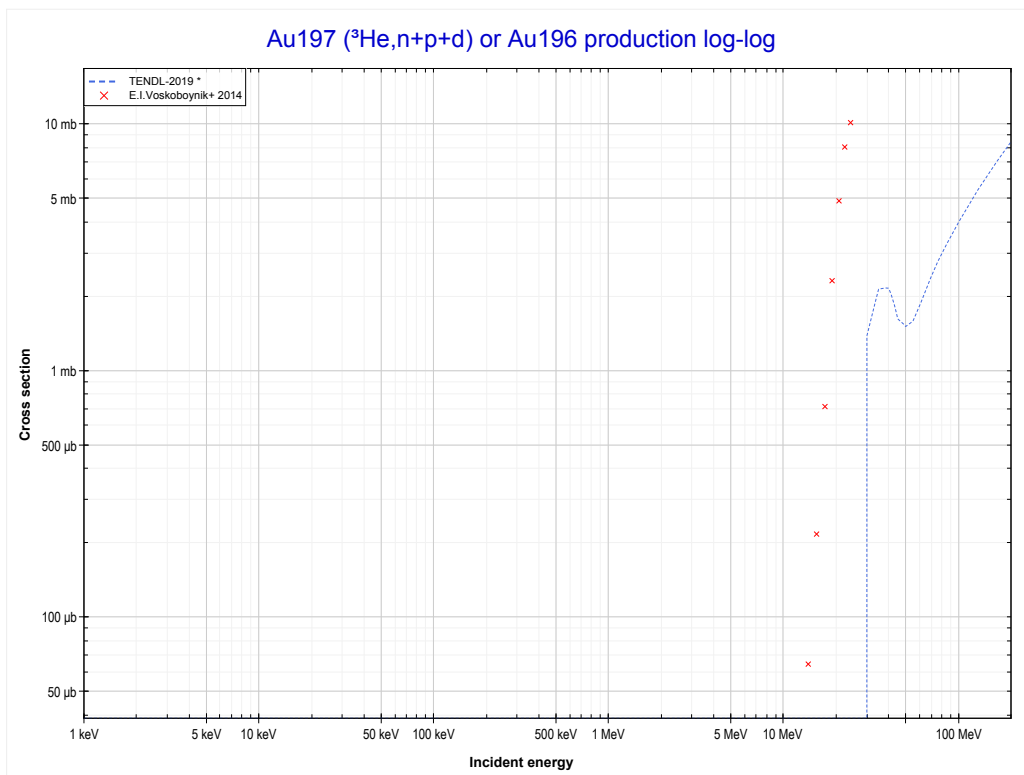
Reaction	Q-Value
Au197(He3,5n)Tl195	-28410.07 keV

<< 75-Re-187	79-Au-197	81-Tl-203 >>
<< MT152 (³ He,5n)	MT153 (³He,6n) or MT5 (Tl194 production)	MT183 (³ He,n+p+d) >>



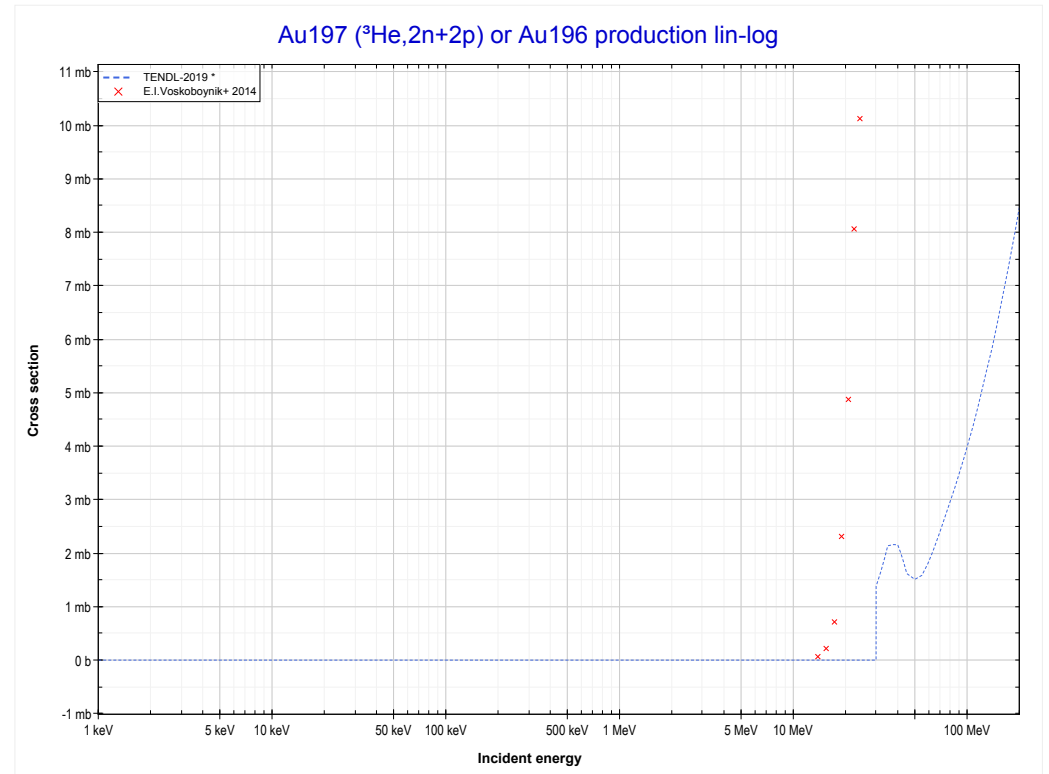
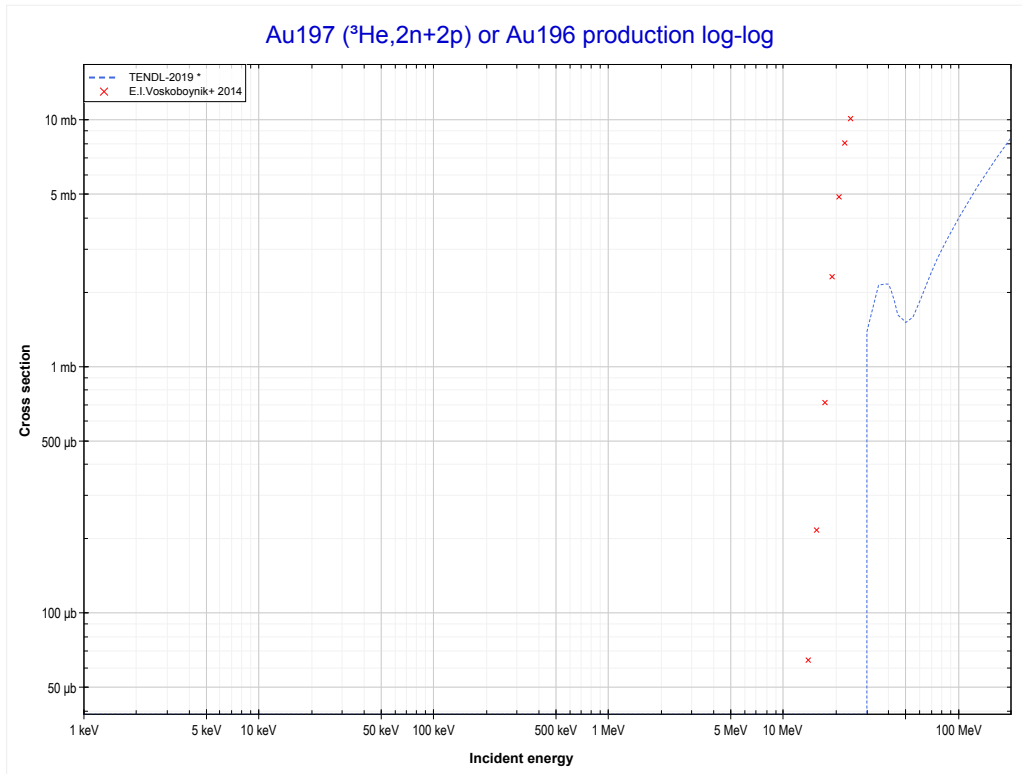
Reaction	Q-Value
Au197(He3,6n)Tl194	-37699.38 keV

<< 45-Rh-103	79-Au-197	
<< MT153 ($^3\text{He},6n$)	MT183 ($^3\text{He},n+p+d$) or MT5 (Au196 production)	MT190 ($^3\text{He},2n+2p$) >>



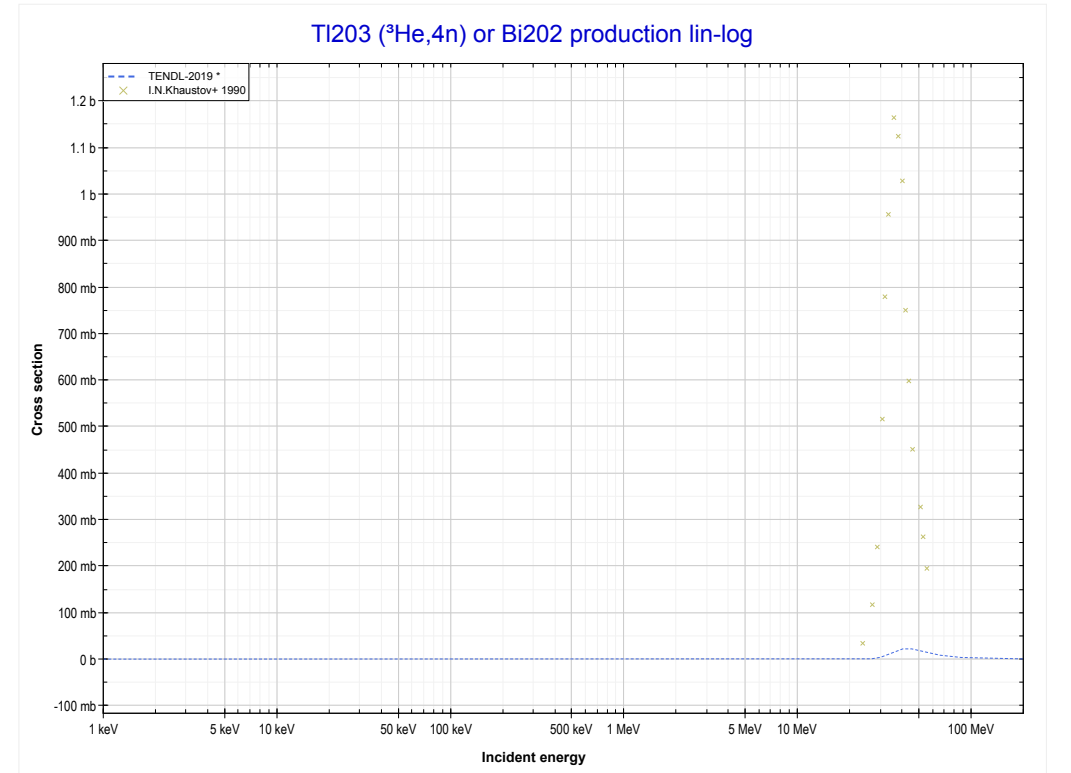
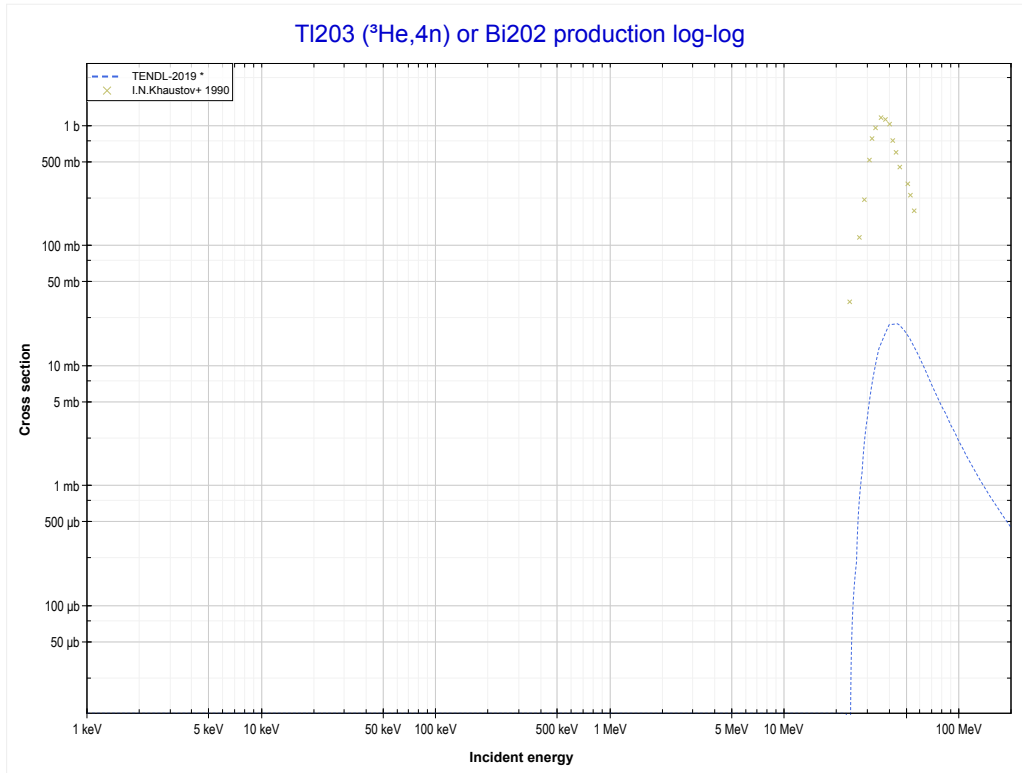
Reaction	Q-Value
Au197($\text{He}3,\alpha$)Au196	12505.30 keV
Au197($\text{He}3,p+t$)Au196	-7308.56 keV
Au197($\text{He}3,n+\text{He}3$)Au196	-8072.32 keV
Au197($\text{He}3,2d$)Au196	-11341.23 keV
Au197($\text{He}3,n+p+d$)Au196	-13565.79 keV
Au197($\text{He}3,2n+2p$)Au196	-15790.36 keV

<< 45-Rh-103	79-Au-197	
<< MT183 (³ He,n+p+d)	MT190 (³He,2n+2p) or MT5 (Au196 production)	81-Tl-203 MT37 (³ He,4n) >>



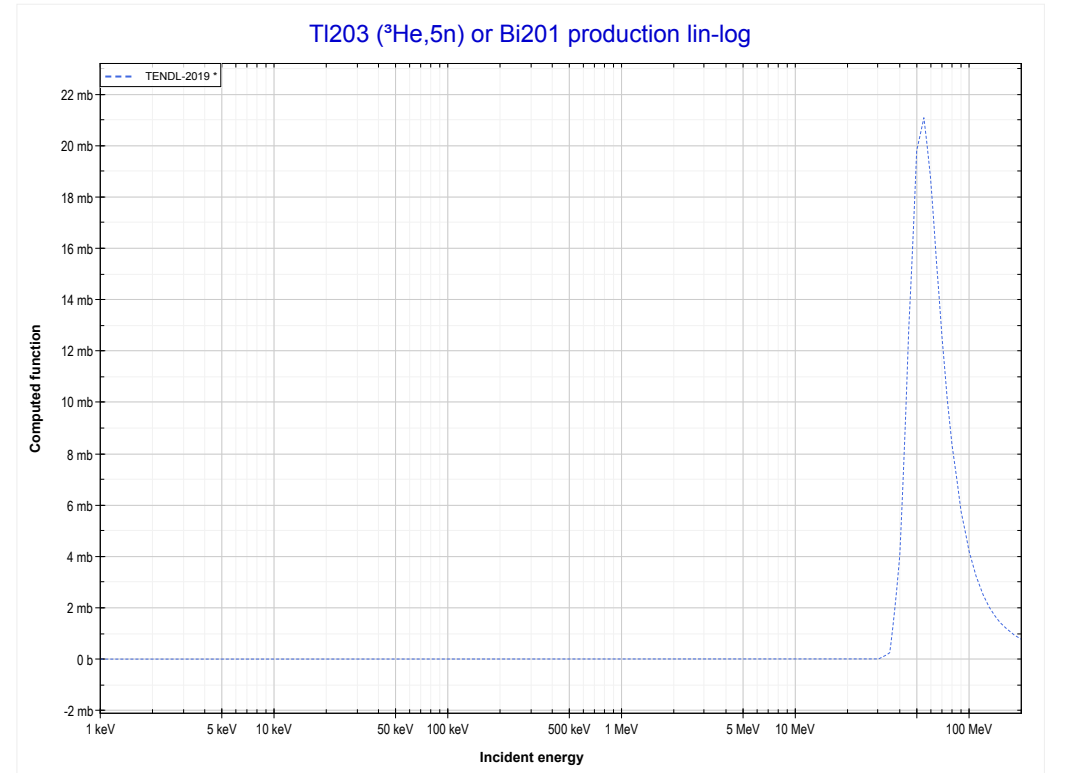
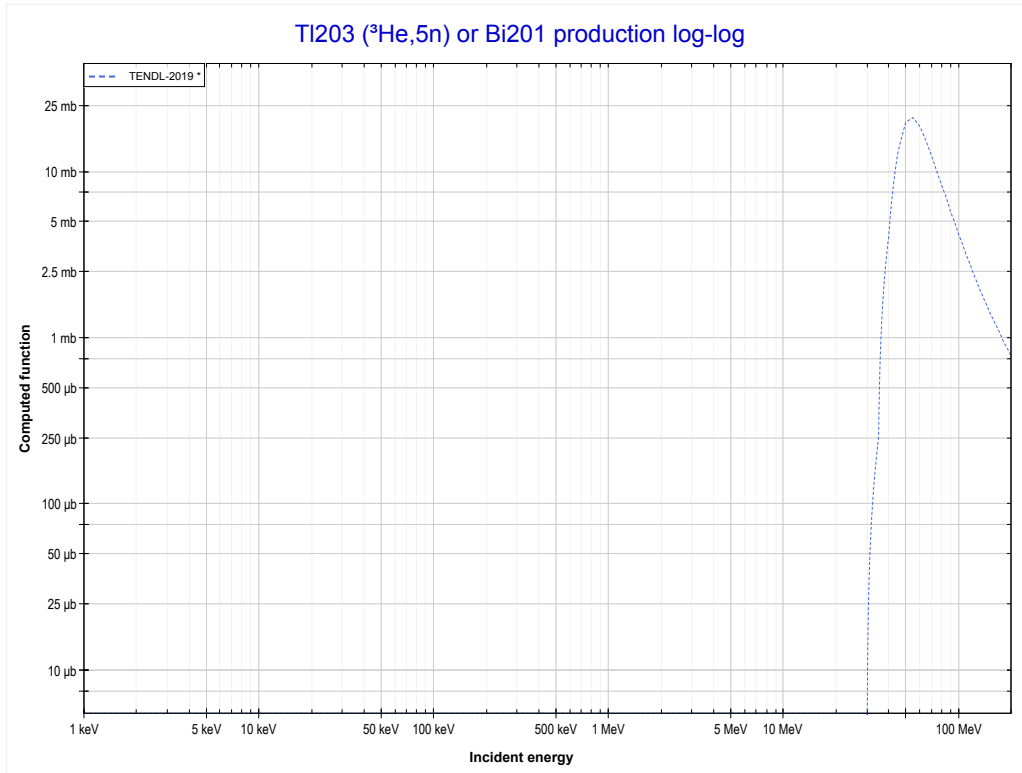
Reaction	Q-Value
Au197(He3,α)Au196	12505.30 keV
Au197(He3,p+t)Au196	-7308.56 keV
Au197(He3,n+He3)Au196	-8072.32 keV
Au197(He3,2d)Au196	-11341.23 keV
Au197(He3,n+p+d)Au196	-13565.79 keV
Au197(He3,2n+2p)Au196	-15790.36 keV

<< 79-Au-197	81-Tl-203	82-Pb-207 >>
<< 79-Au-197 MT190 (³ He,2n+2p)	MT37 (³He,4n) or MT5 (Bi202 production)	MT152 (³ He,5n) >>



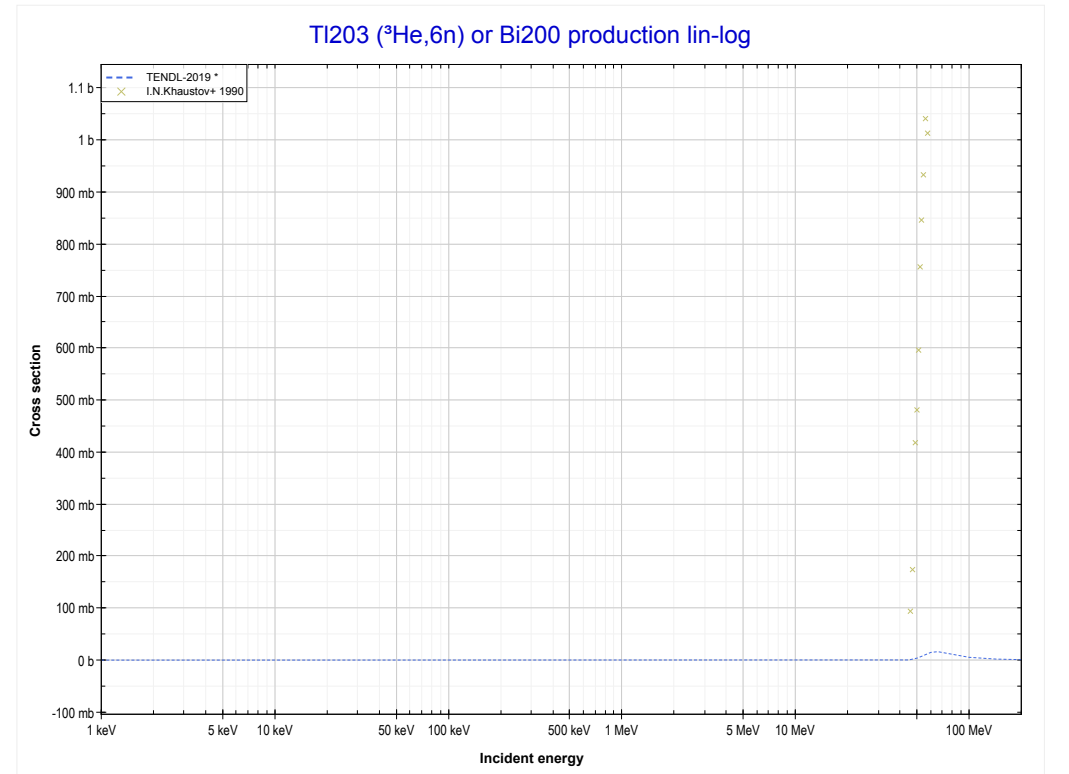
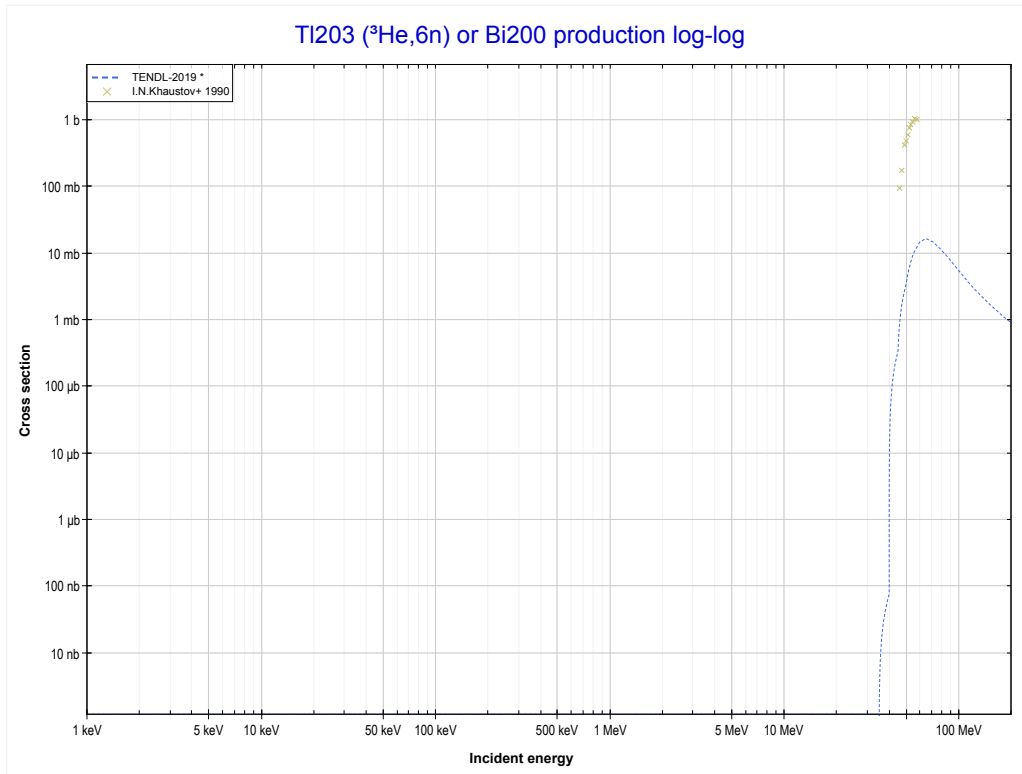
Reaction	Q-Value
Tl203(He3,4n)Bi202	-22374.45 keV

<< 79-Au-197	81-Tl-203	83-Bi-209 >>
<< MT37 (³ He,4n)	MT152 (³He,5n) or MT5 (Bi201 production)	MT153 (³ He,6n) >>



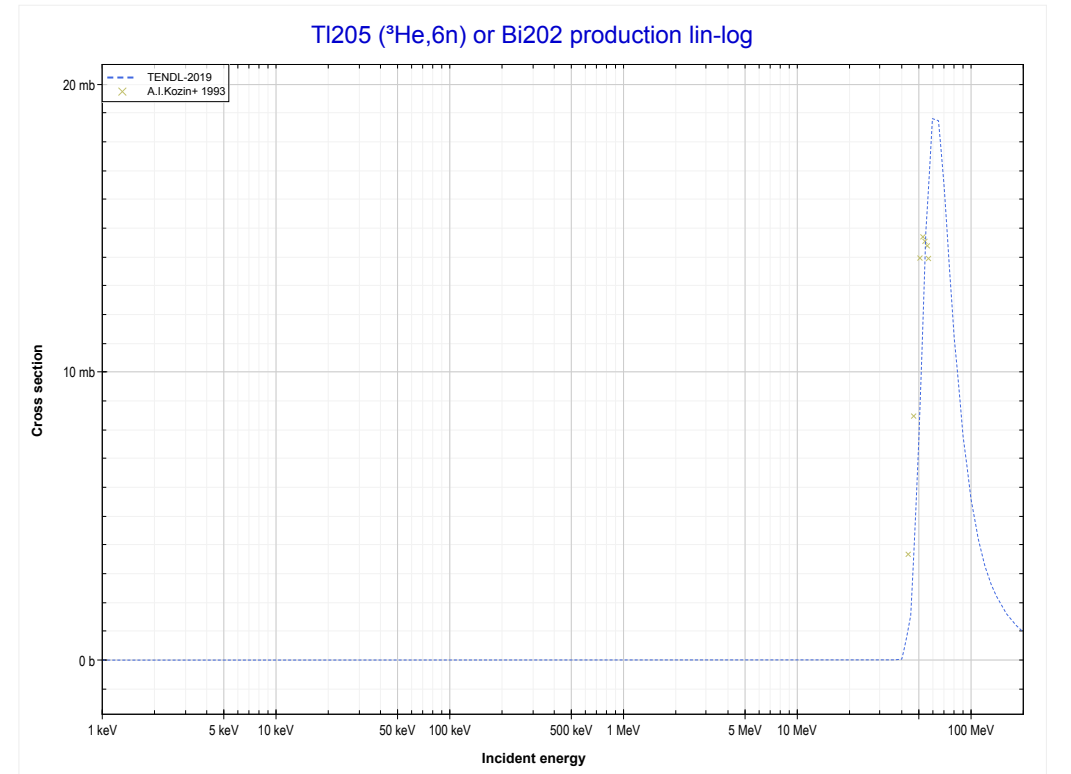
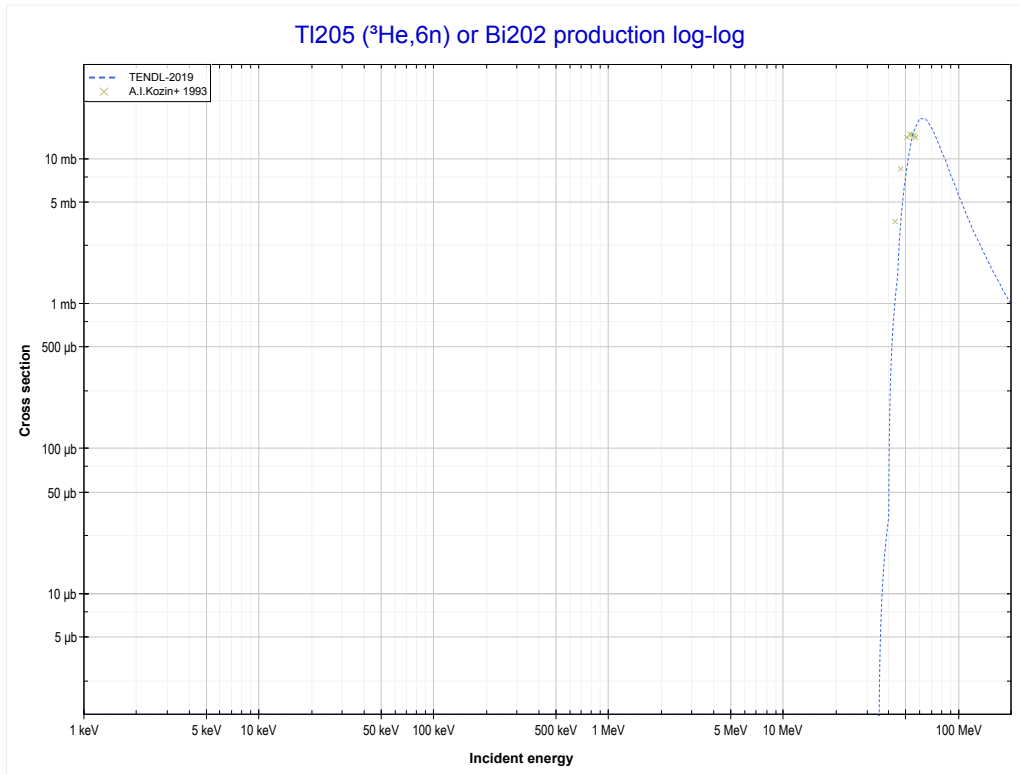
Reaction	Q-Value
Tl203(He3,5n)Bi201	-29770.77 keV

<< 79-Au-197	81-Tl-203	81-Tl-205 >>
<< MT152 (³ He,5n)	MT153 (³He,6n) or MT5 (Bi200 production)	81-Tl-205 MT153 (³ He,6n) >>



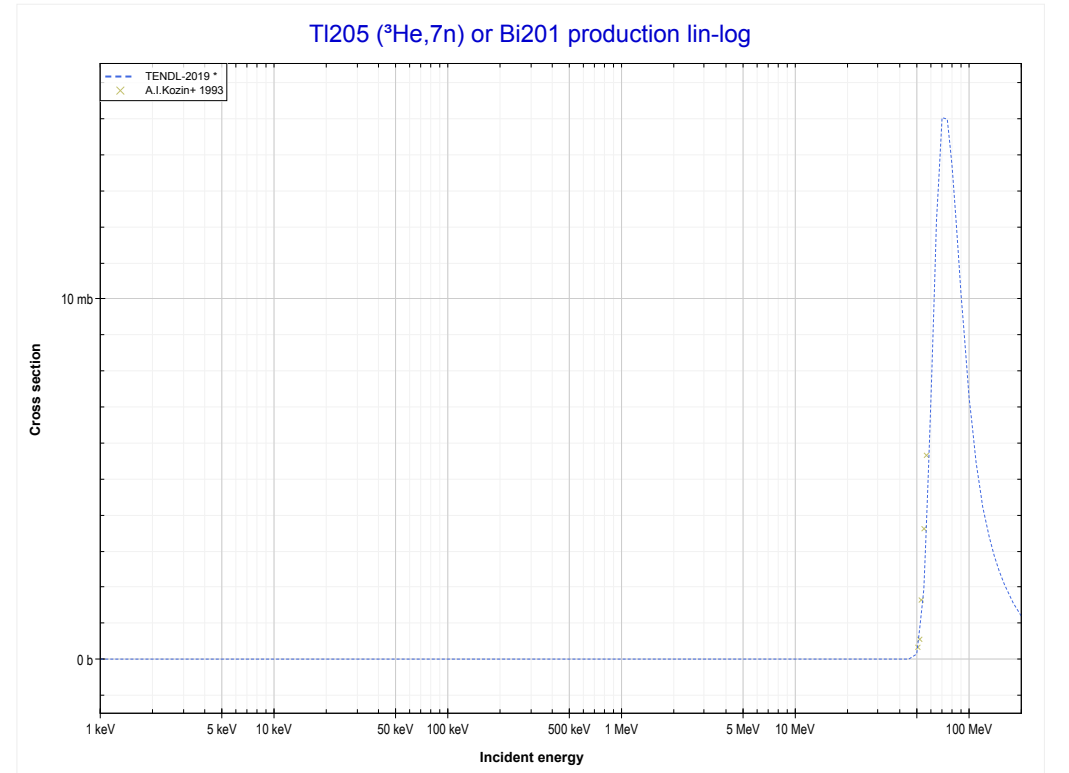
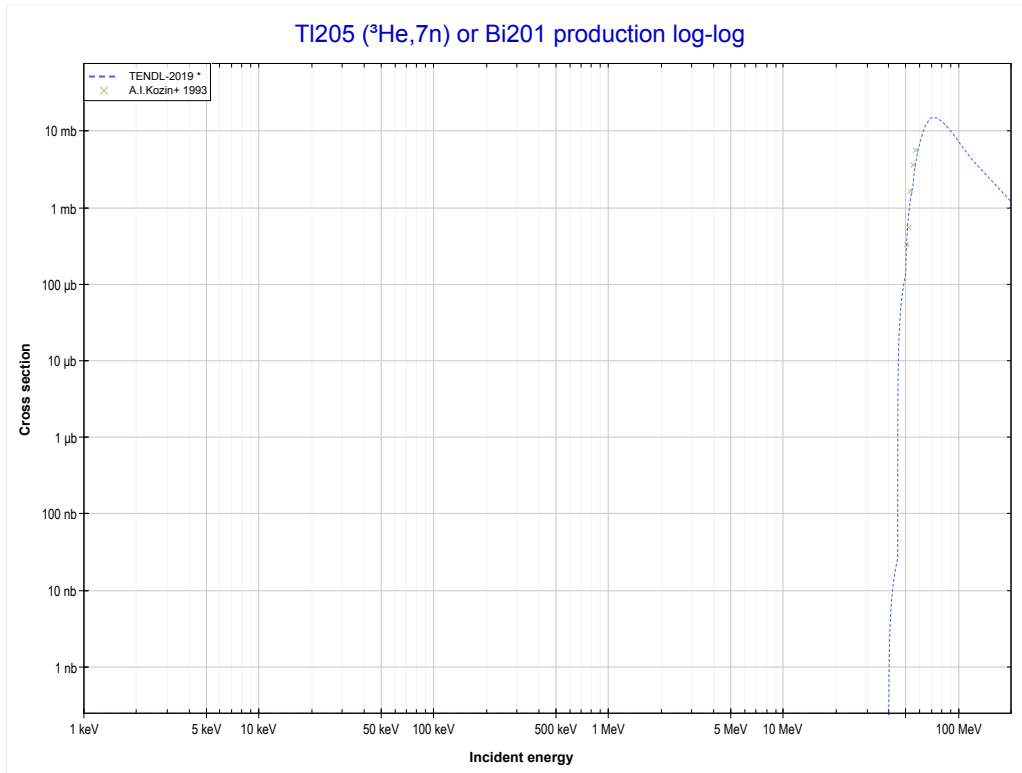
Reaction	Q-Value
Tl203(He3,6n)Bi200	-38887.08 keV

<< 81-Tl-203	81-Tl-205	83-Bi-209 >>
<< 81-Tl-203 MT153 (³ He,6n)	MT153 (³He,6n) or MT5 (Bi202 production)	MT160 (³ He,7n) >>



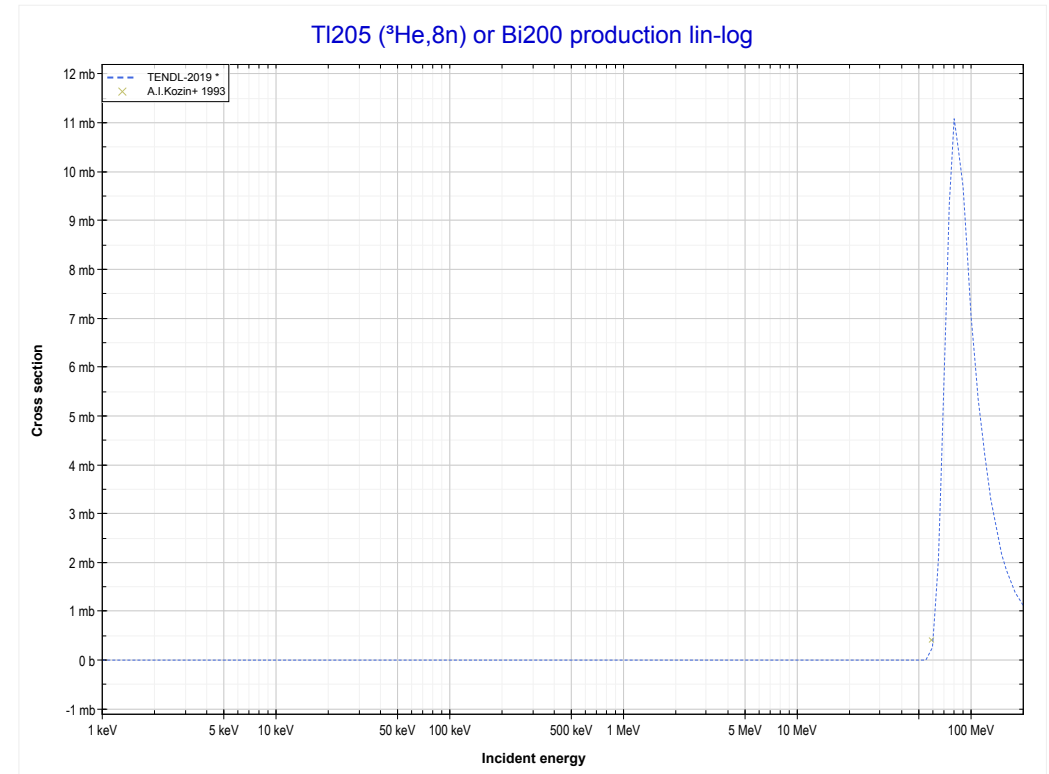
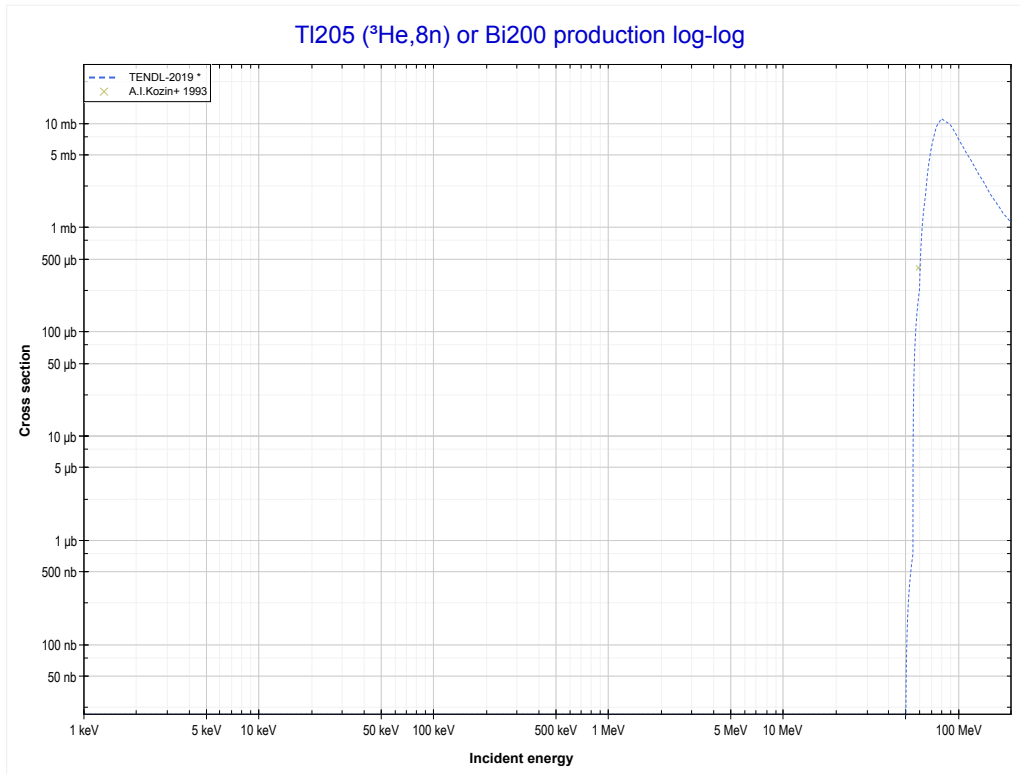
Reaction	Q-Value
Tl205(He3,6n)Bi202	-36576.58 keV

<< 73-Ta-181	81-Tl-205	83-Bi-209 >>
<< MT153 (³ He,6n)	MT160 (³He,7n) or MT5 (Bi201 production)	MT161 (³ He,8n) >>



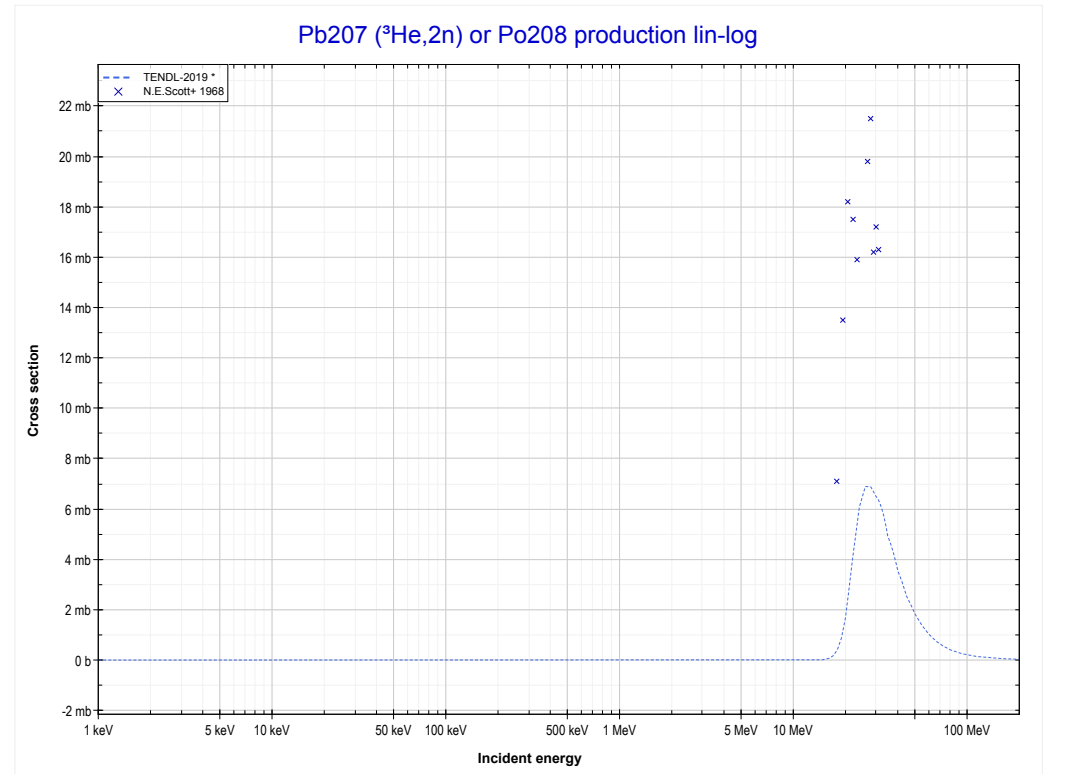
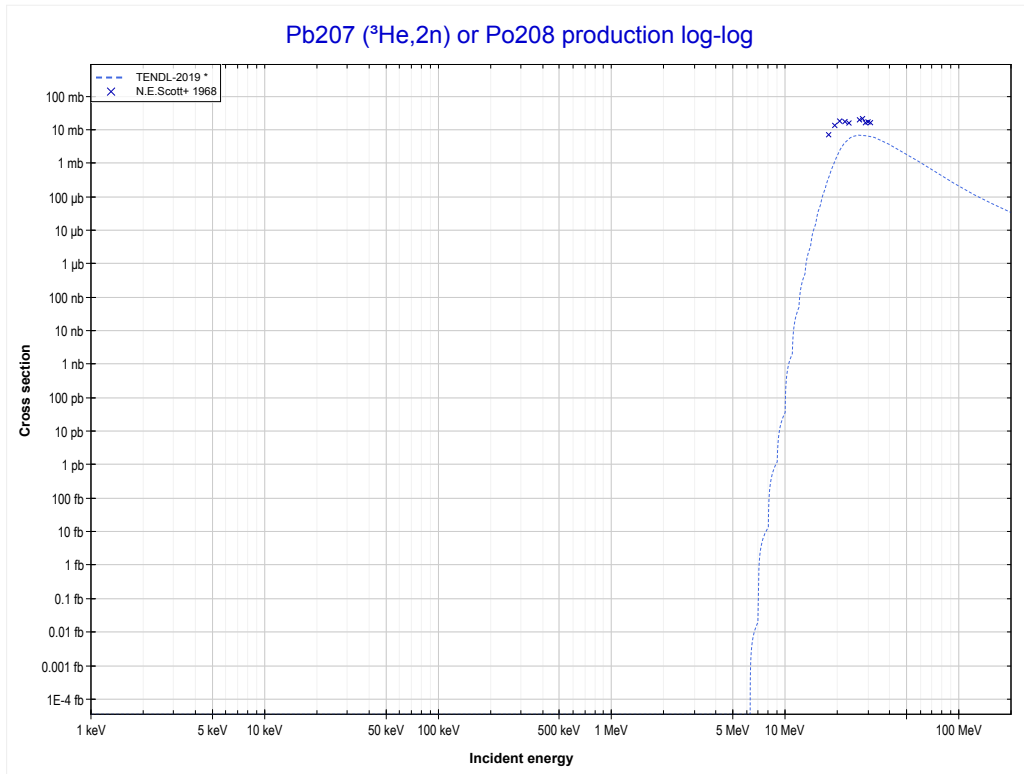
Reaction	Q-Value
Tl205(He3,7n)Bi201	-43972.90 keV

81-TI-205		
<< MT160 (³ He,7n)	MT161 (³He,8n) or MT5 (Bi200 production)	82-Pb-207 MT16 (³ He,2n) >>



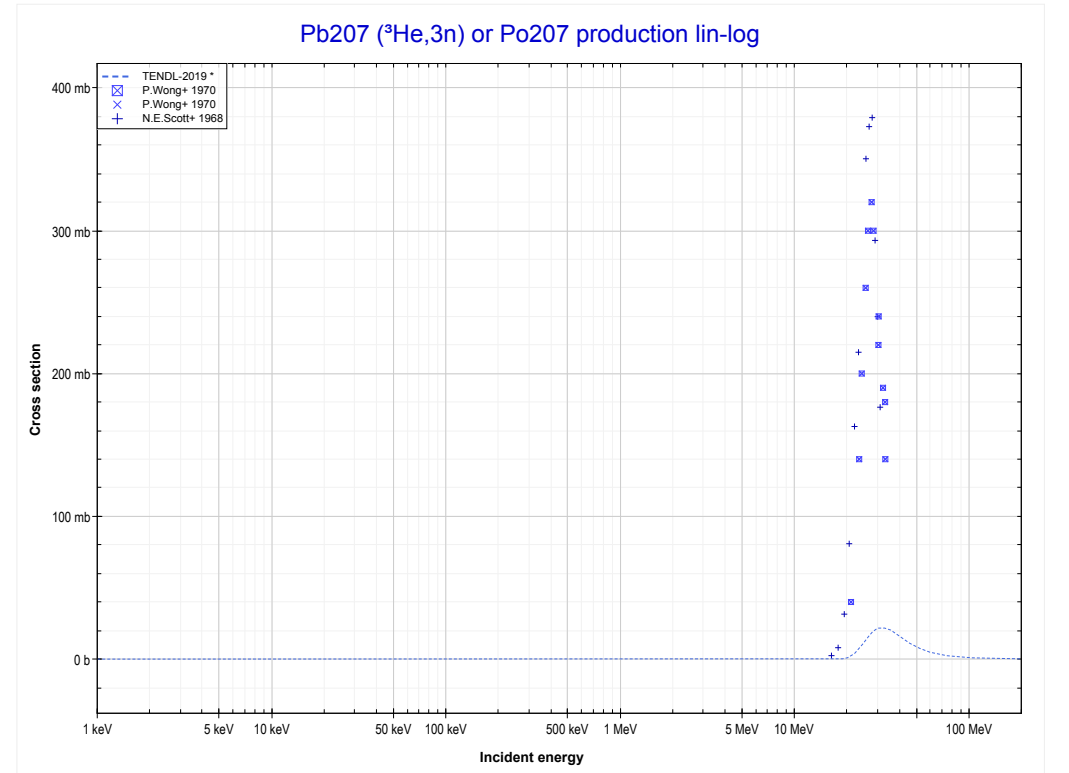
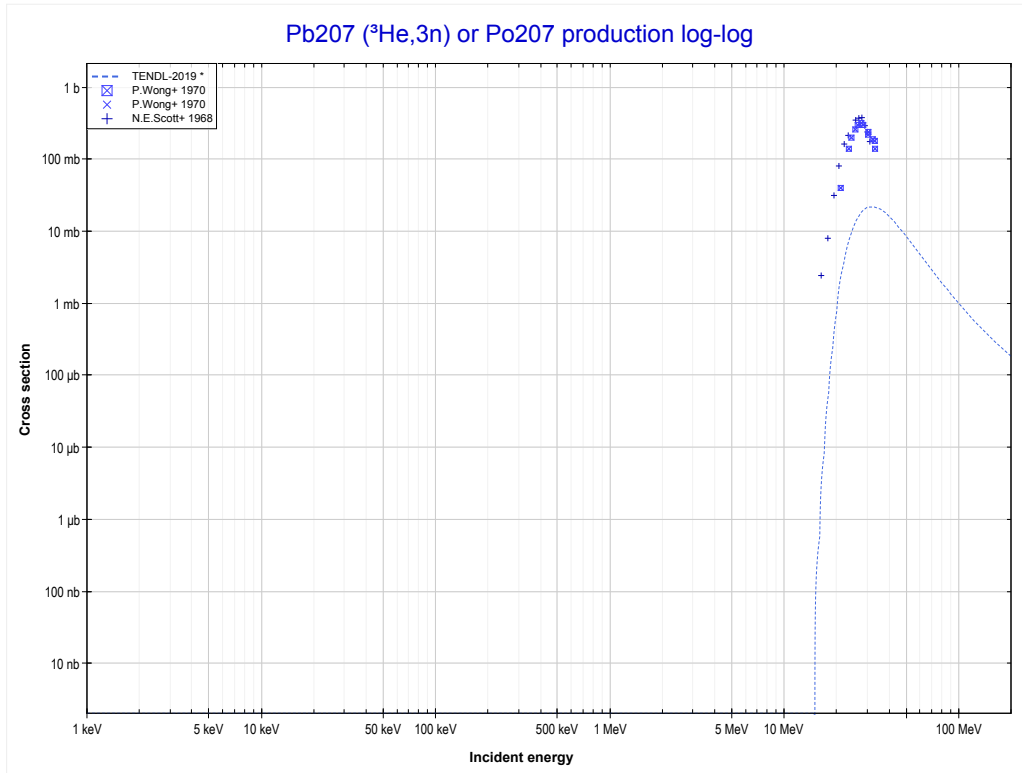
Reaction	Q-Value
TI205(He3,8n)Bi200	-53089.22 keV

<< 79-Au-197	82-Pb-207	83-Bi-209 >>
<< 81-Tl-205 MT161 (³ He,8n)	MT16 (³He,2n) or MT5 (Po208 production)	MT17 (³ He,3n) >>



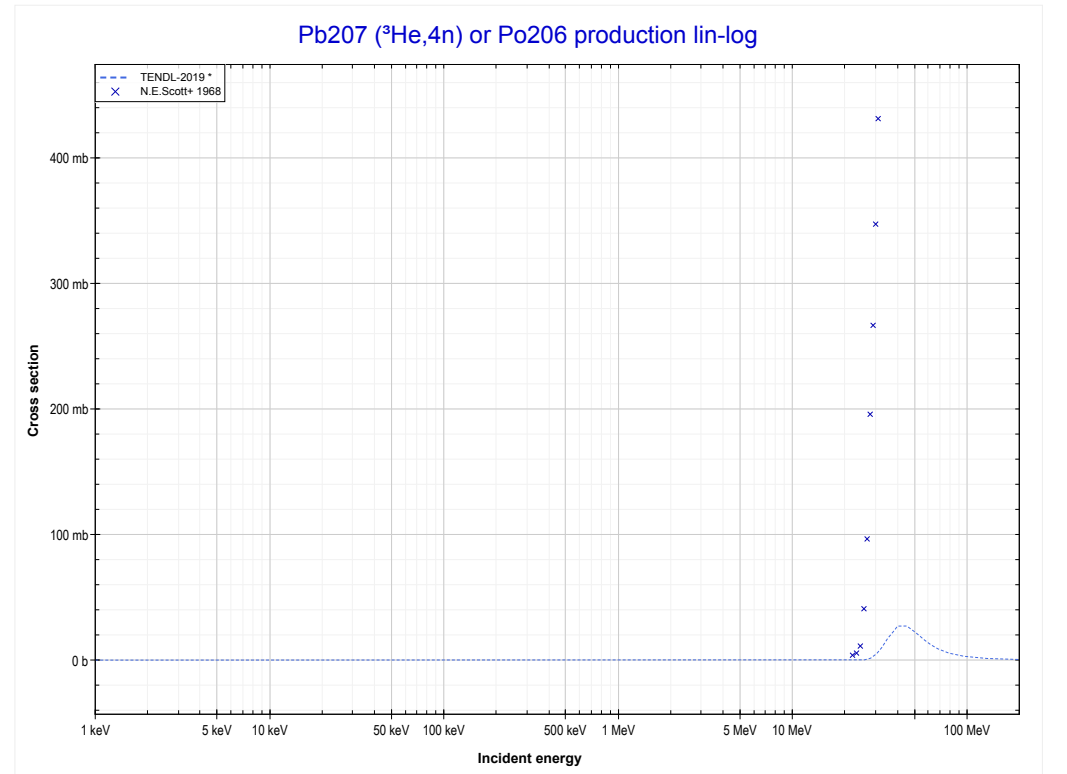
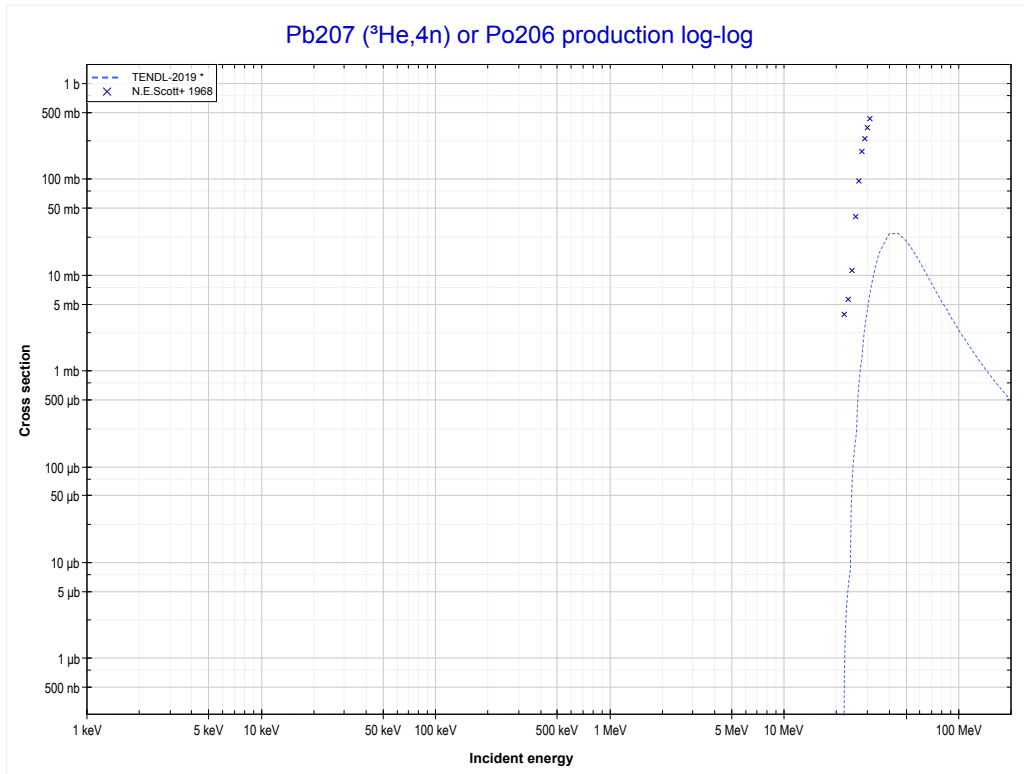
Reaction	Q-Value
Pb207(He3,2n)Po208	-6193.82 keV

<< 79-Au-197	82-Pb-207	82-Pb-208 >>
<< MT16 (³ He,2n)	MT17 (³He,3n) or MT5 (Po207 production)	MT37 (³ He,4n) >>



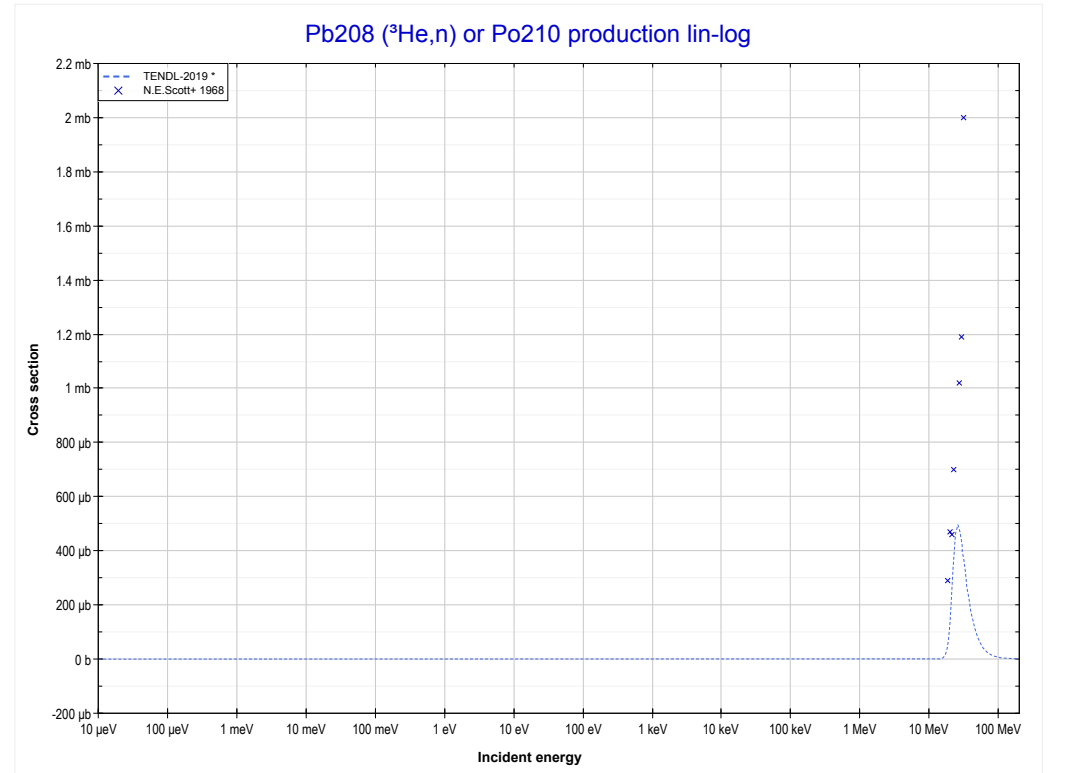
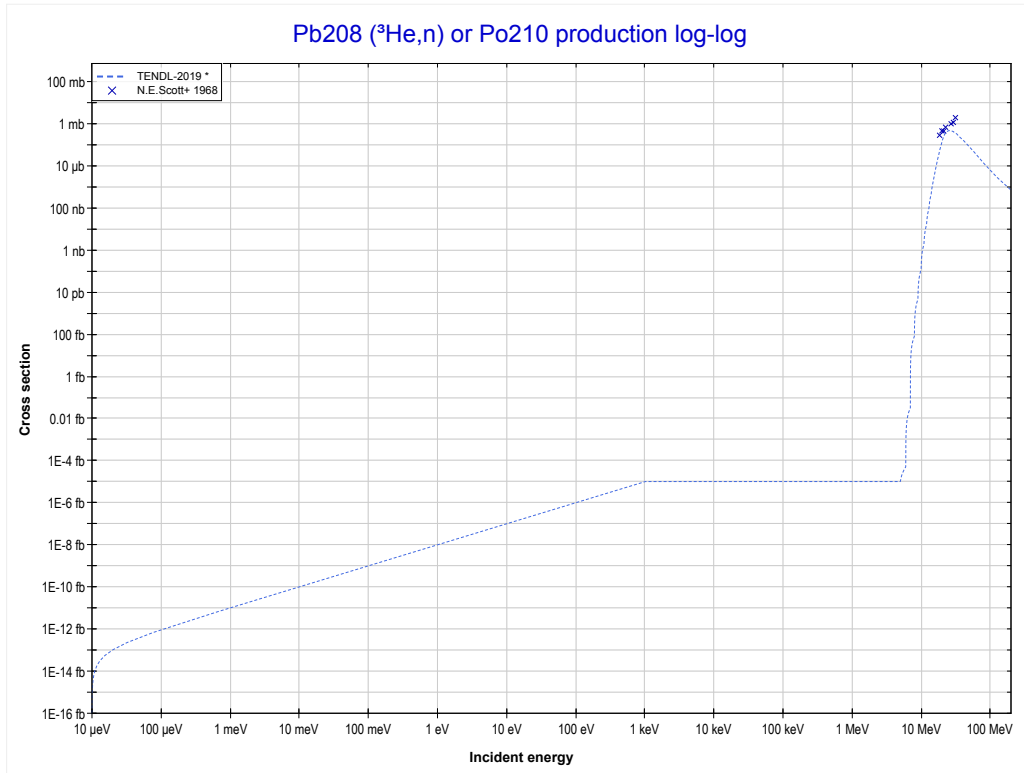
Reaction	Q-Value
Pb207(He3,3n)Po207	-14588.73 keV

<< 81-Tl-203	82-Pb-207	82-Pb-208 >>
<< MT17 (³ He,3n)	MT37 (³He,4n) or MT5 (Po206 production)	82-Pb-208 MT4 (³ He,n) >>



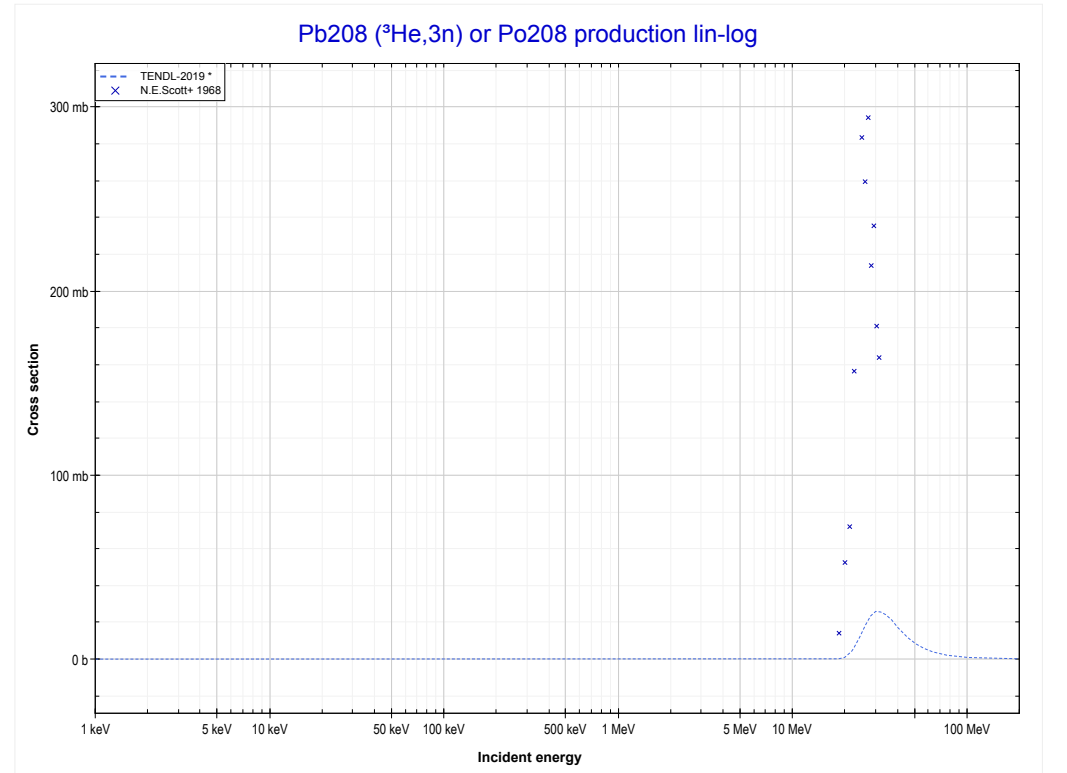
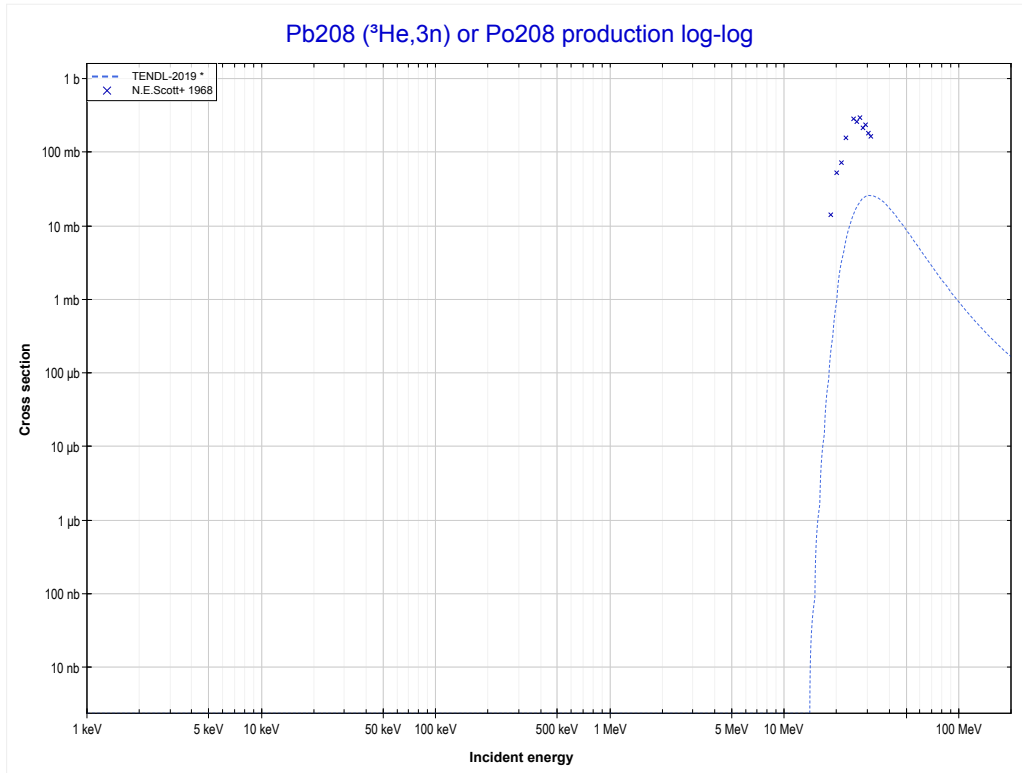
Reaction	Q-Value
Pb207(He3,4n)Po206	-21617.05 keV

<< 73-Ta-181	82-Pb-208	83-Bi-209 >>
<< 82-Pb-207 MT37 (³ He,4n)	MT4 (³He,n) or MT5 (Po210 production)	MT17 (³ He,3n) >>



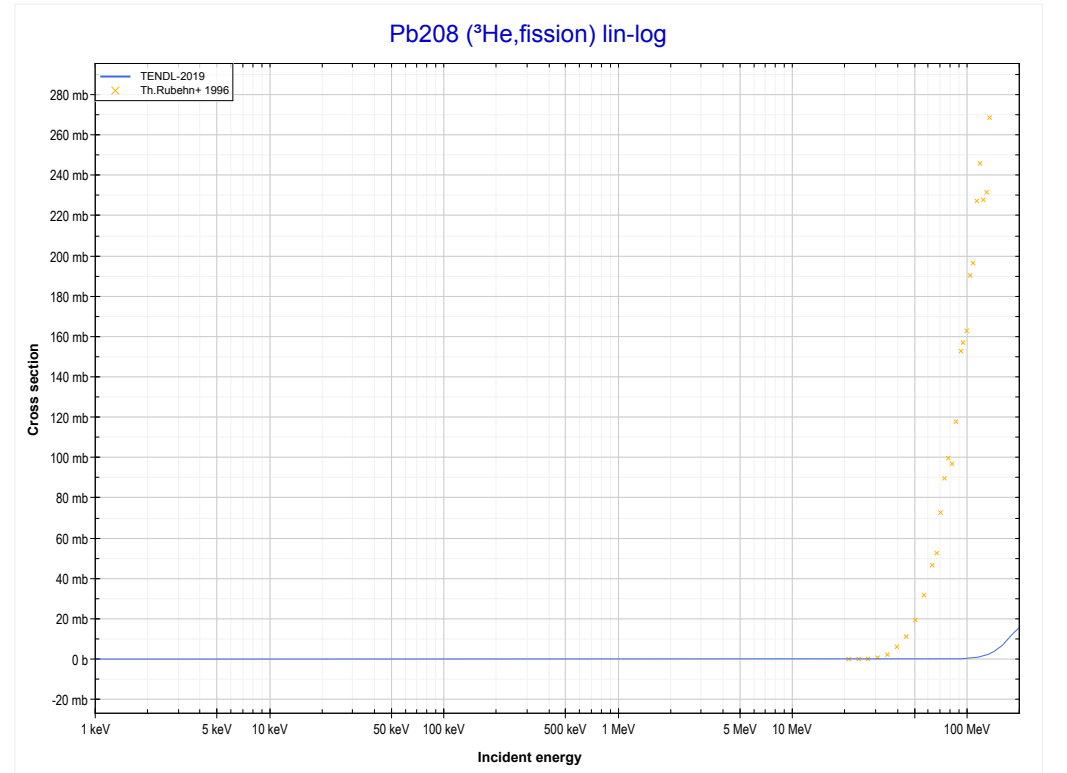
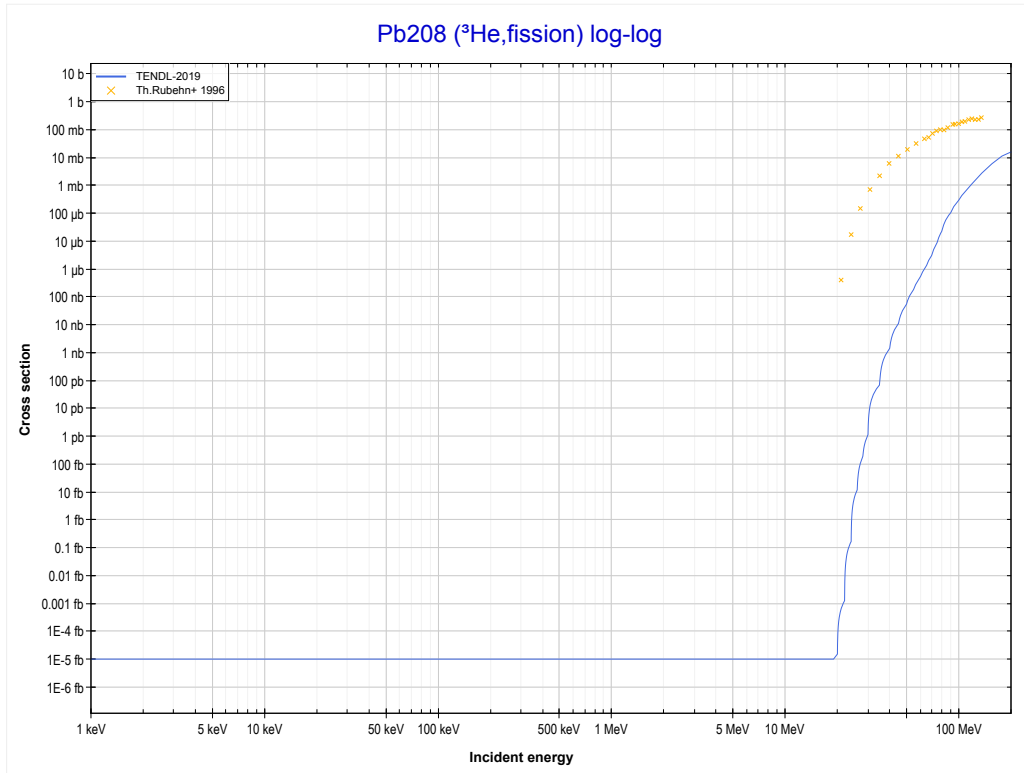
Reaction	Q-Value
Pb208(He3,n)Po210	1064.40 keV

<< 82-Pb-207	82-Pb-208	83-Bi-209 >>
<< MT4 (³ He,n)	MT17 (³He,3n) or MT5 (Po208 production)	MT18 (³ He,fission) >>

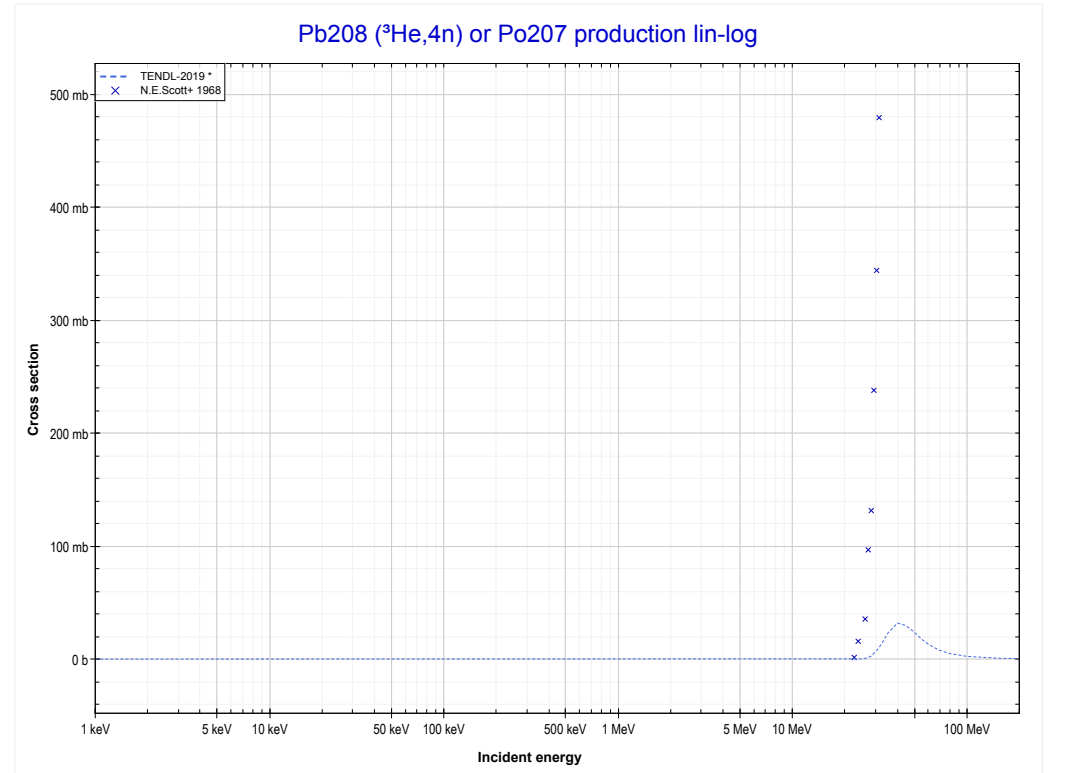
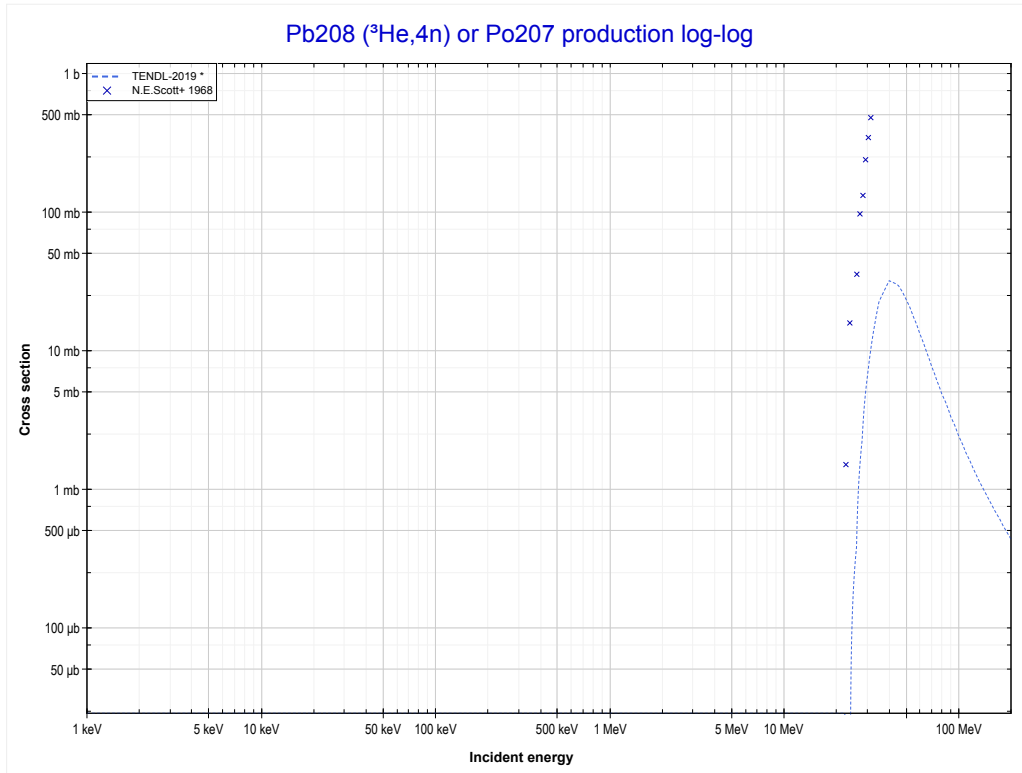


Reaction	Q-Value
Pb208(He3,3n)Po208	-13561.73 keV

<< 79-Au-197	82-Pb-208	83-Bi-209 >>
<< MT17 (³ He,3n)	MT18 (³He,fission)	MT37 (³ He,4n) >>

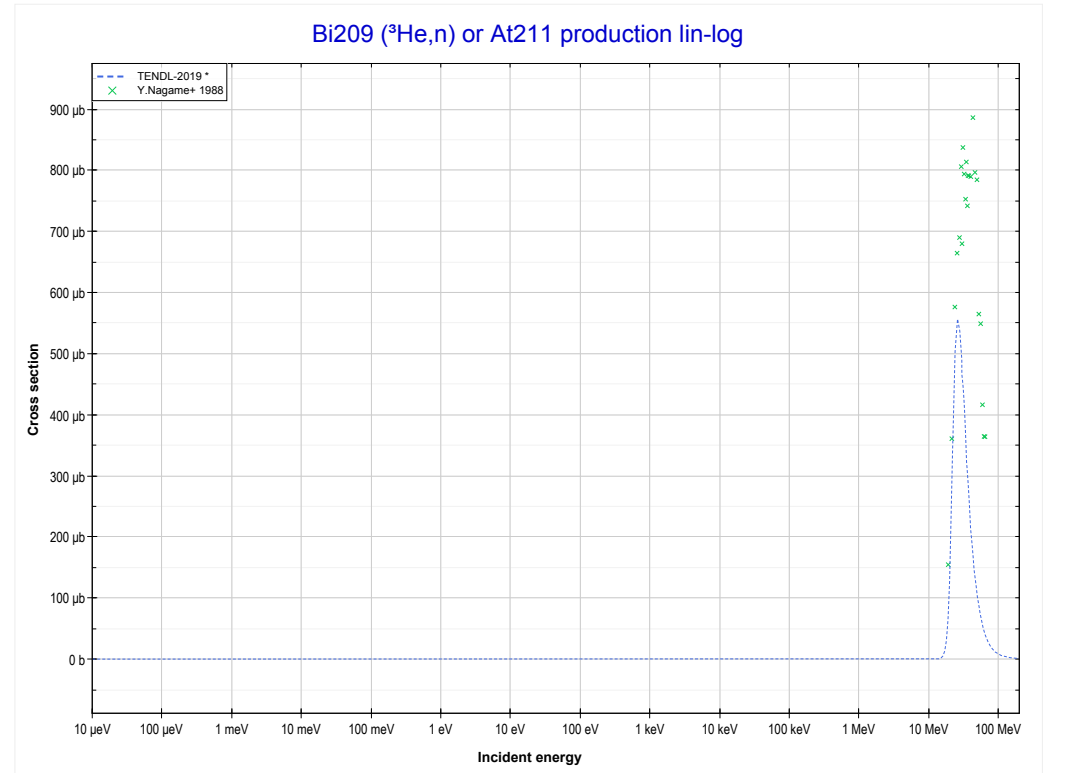
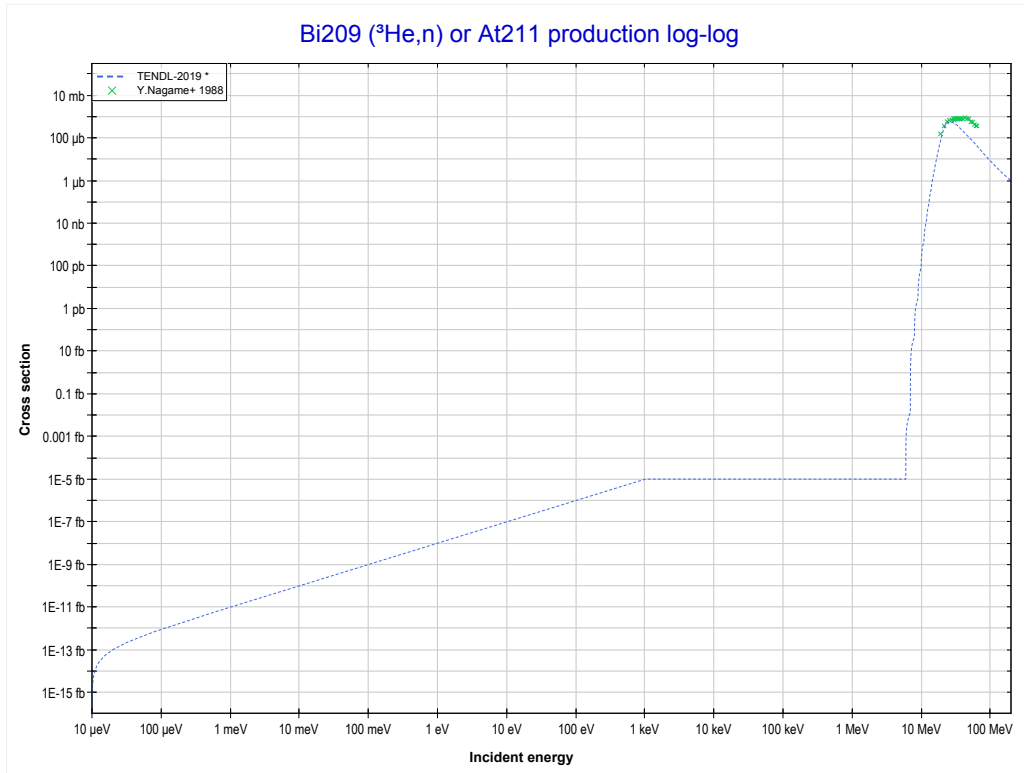


<< 82-Pb-207	82-Pb-208	83-Bi-209 >>
<< MT18 (³ He,fission)	MT37 (³He,4n) or MT5 (Po207 production)	83-Bi-209 MT4 (³ He,n) >>



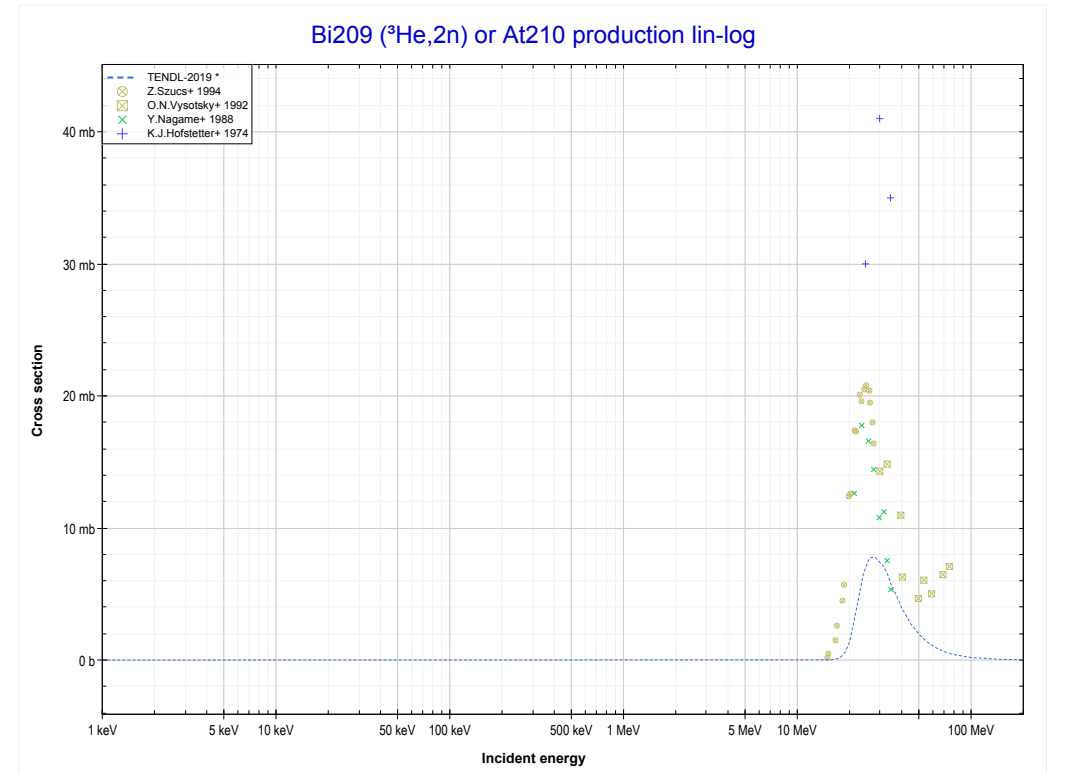
Reaction	Q-Value
Pb208(He3,4n)Po207	-21956.65 keV

<< 82-Pb-208	83-Bi-209	92-U-235 >>
<< 82-Pb-208 MT37 (³ He,4n)	MT4 (³He,n) or MT5 (At211 production)	MT16 (³ He,2n) >>



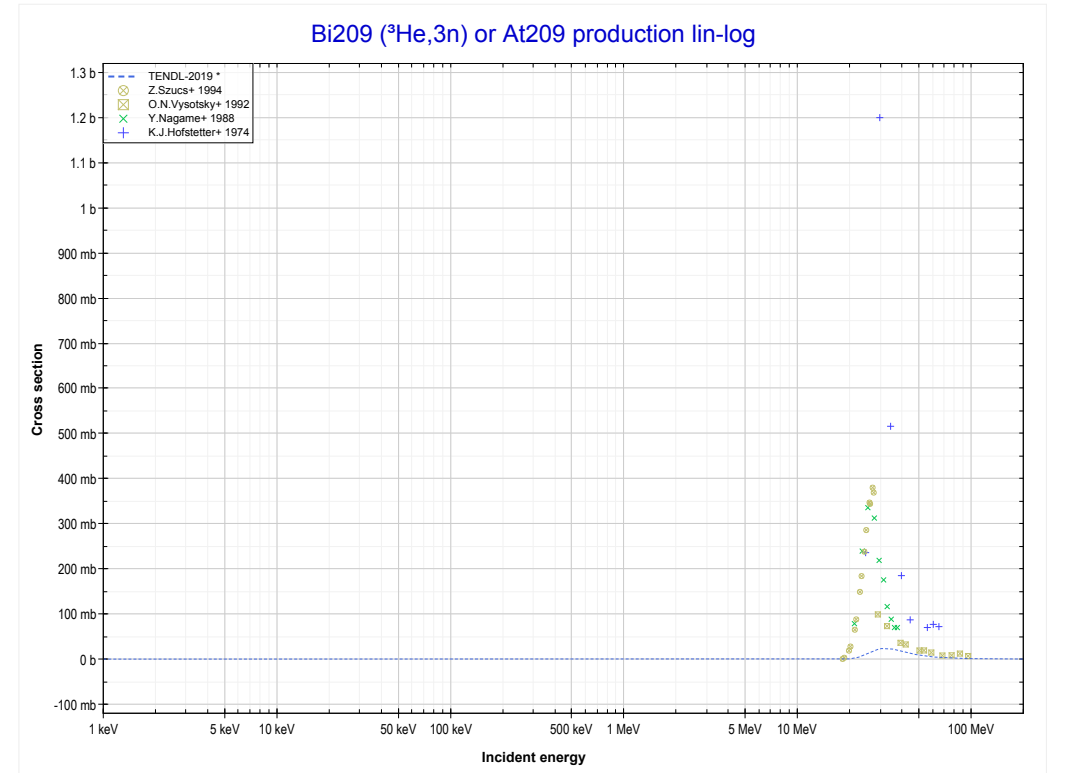
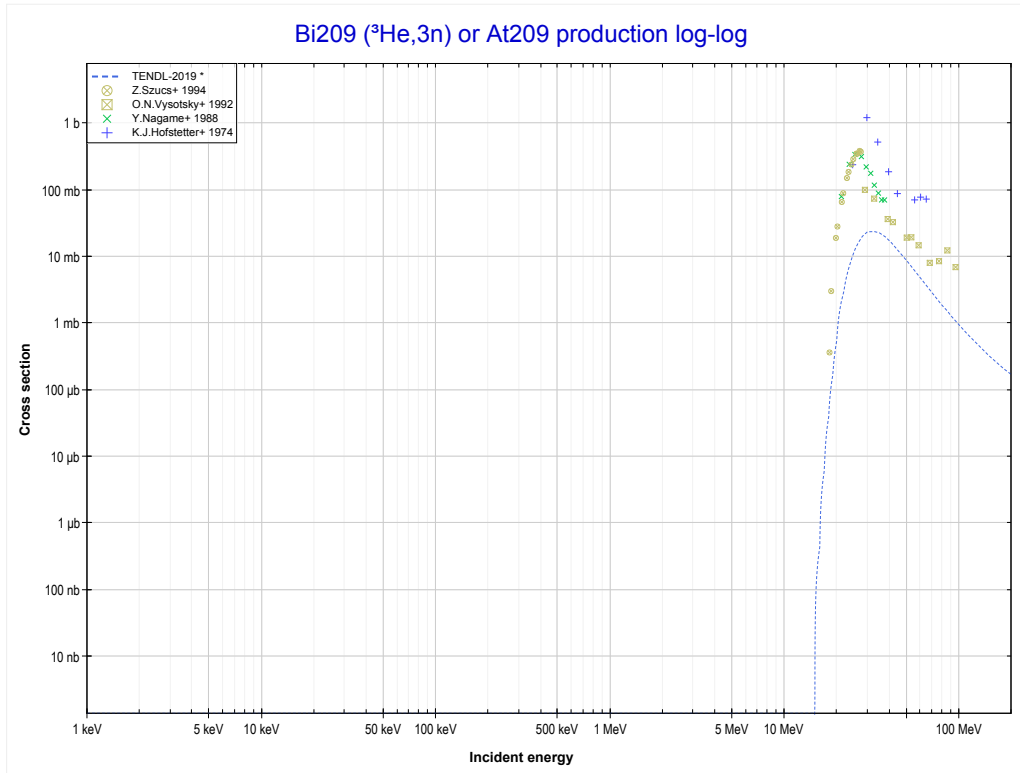
Reaction	Q-Value
Bi209(He3,n)At211	248.50 keV

<< 82-Pb-207	83-Bi-209	92-U-235 >>
<< MT4 (³ He,n)	MT16 (³He,2n) or MT5 (At210 production)	MT17 (³ He,3n) >>



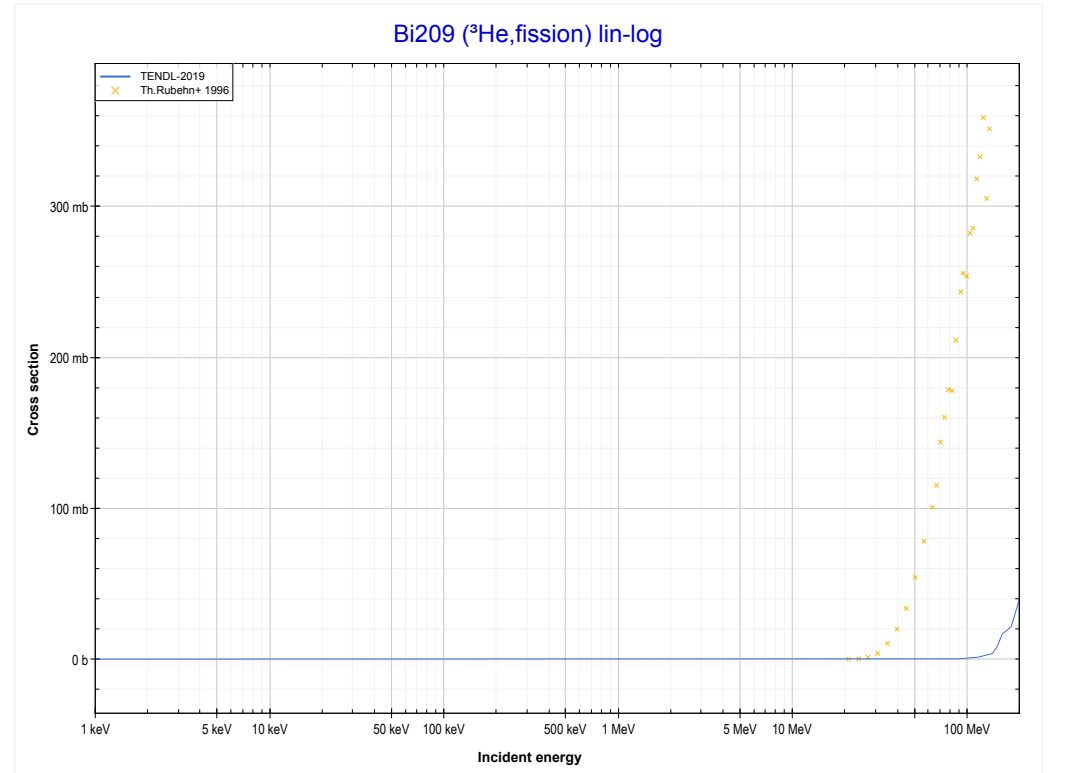
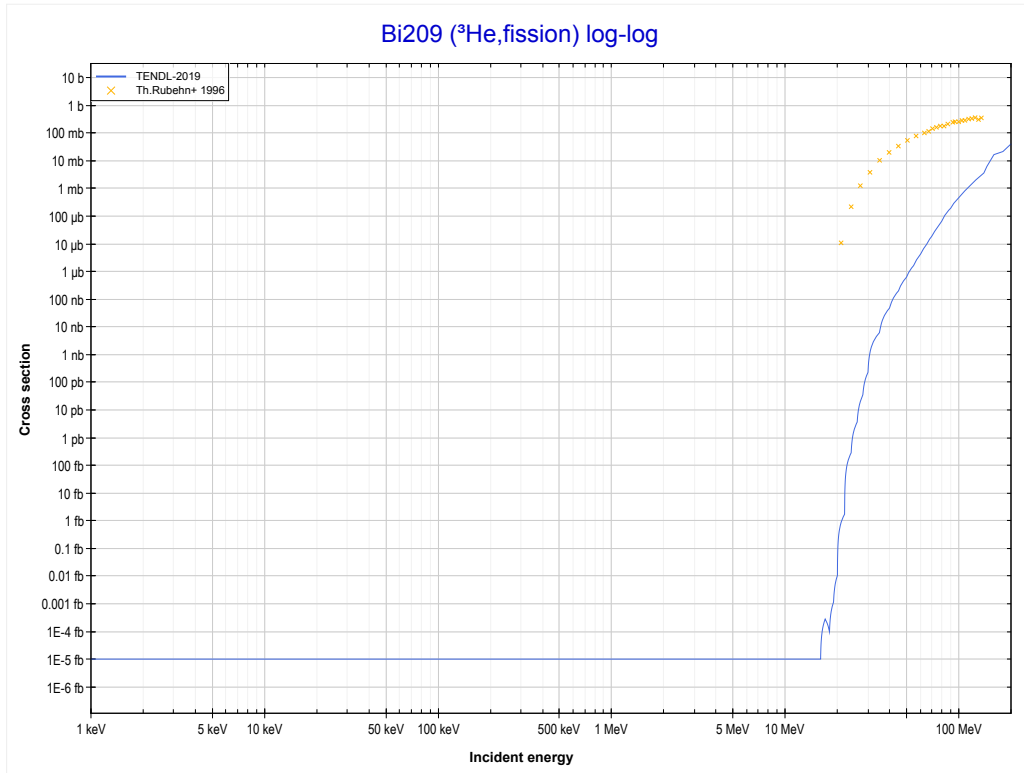
Reaction	Q-Value
Bi209(He3,2n)At210	-7498.12 keV

<< 82-Pb-208	83-Bi-209	90-Th-230 >>
<< MT16 ($^3\text{He},2n$)	MT17 ($^3\text{He},3n$) or MT5 (At209 production)	MT18 ($^3\text{He},\text{fission}$) >>

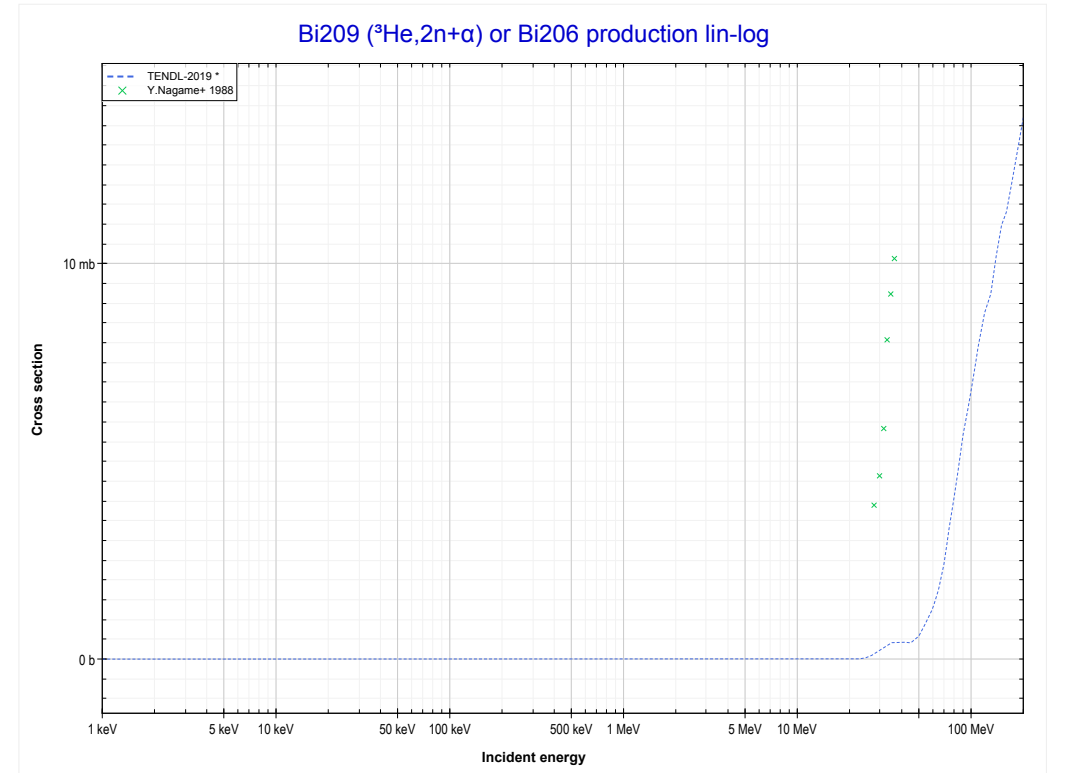
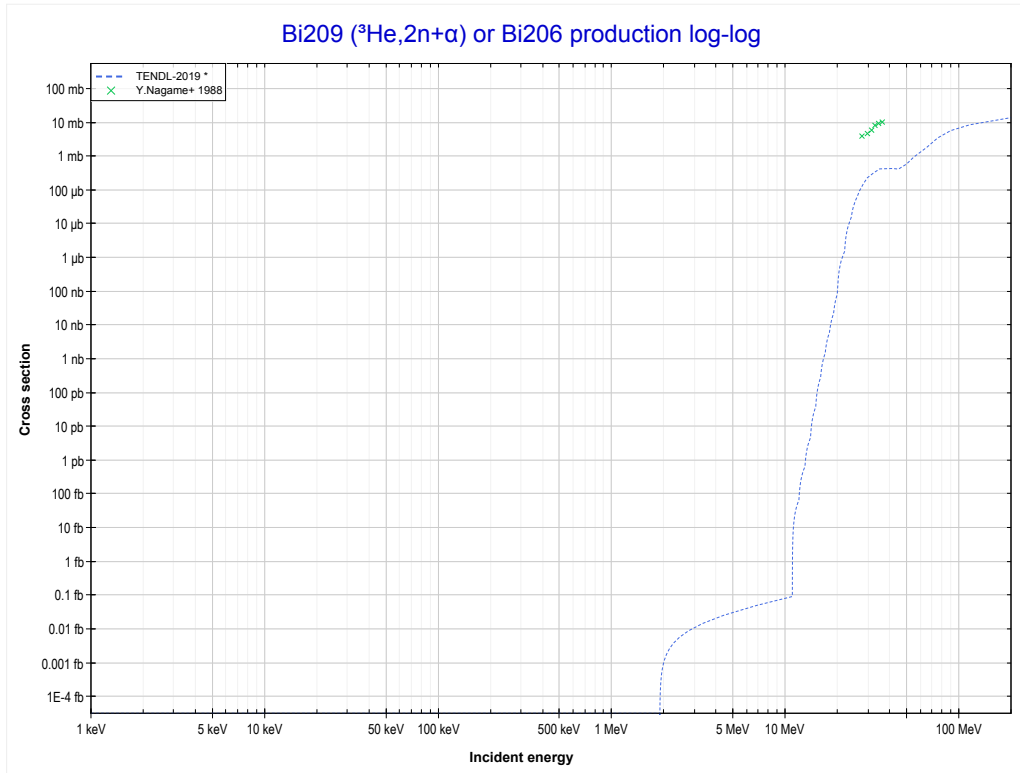


Reaction	Q-Value
Bi209($\text{He}3,3n$)At209	-14658.43 keV

<< 82-Pb-208	83-Bi-209	92-U-238 >>
<< MT17 ($^3\text{He},3n$)	MT18 ($^3\text{He},\text{fission}$)	MT24 ($^3\text{He},2n+\alpha$) >>

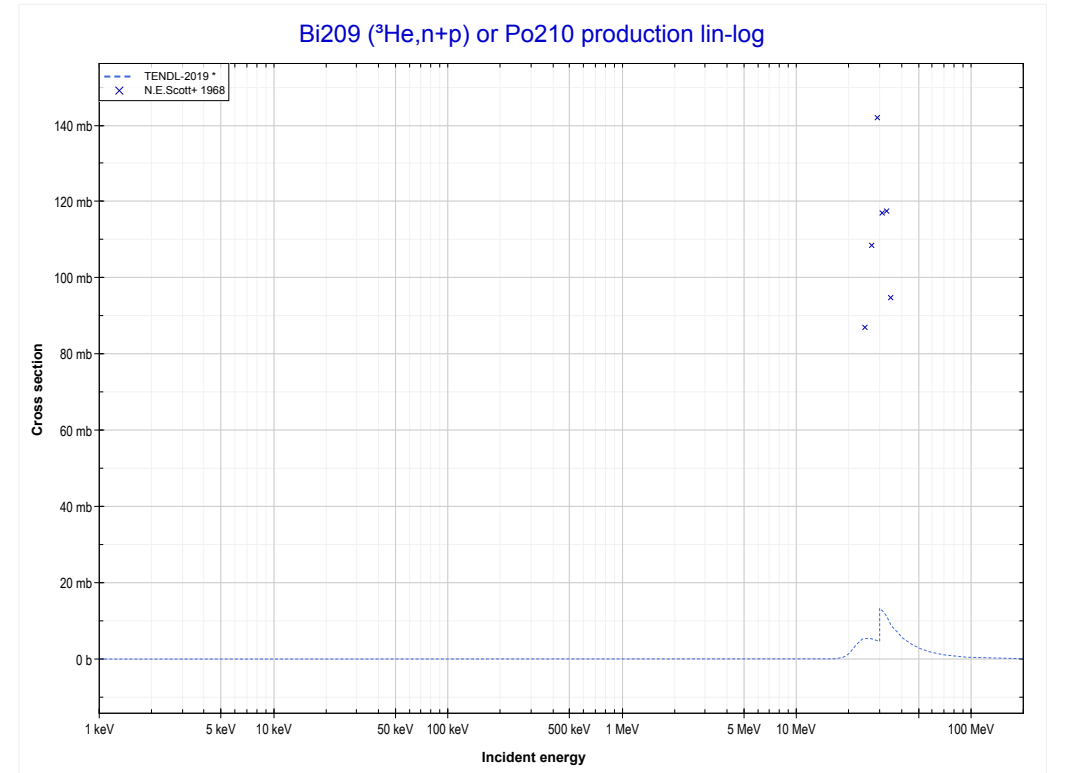
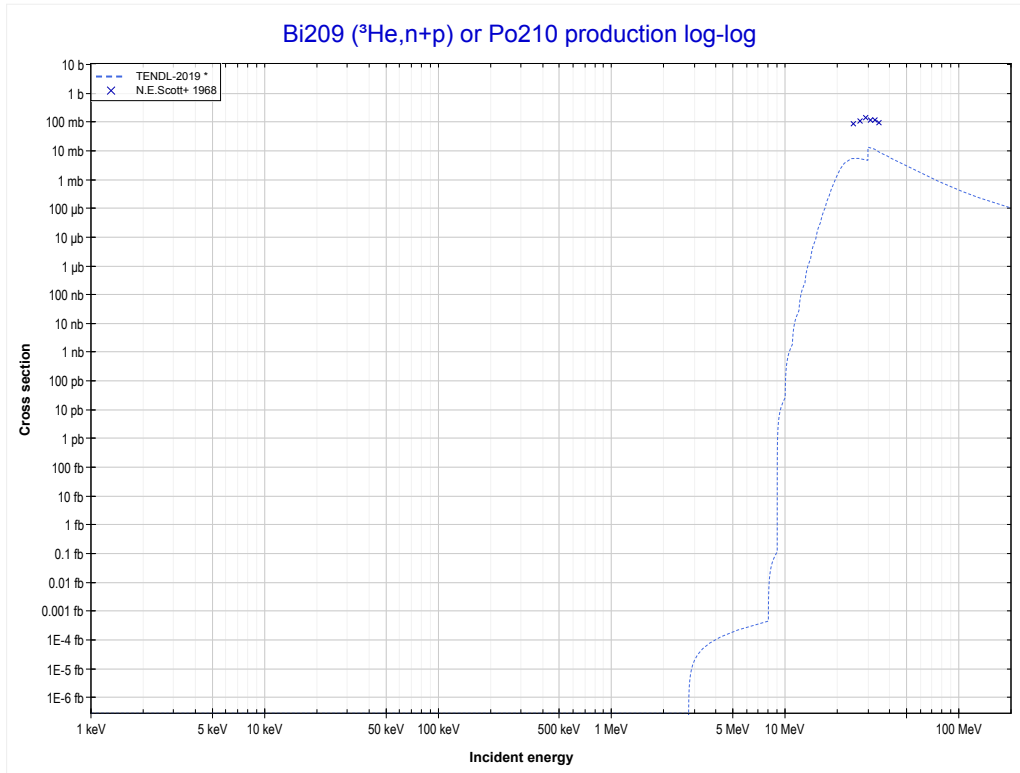


<< 73-Ta-181	83-Bi-209	
<< MT18 (³ He,fission)	MT24 (³He,2n+α) or MT5 (Bi206 production)	MT28 (³ He,n+p) >>



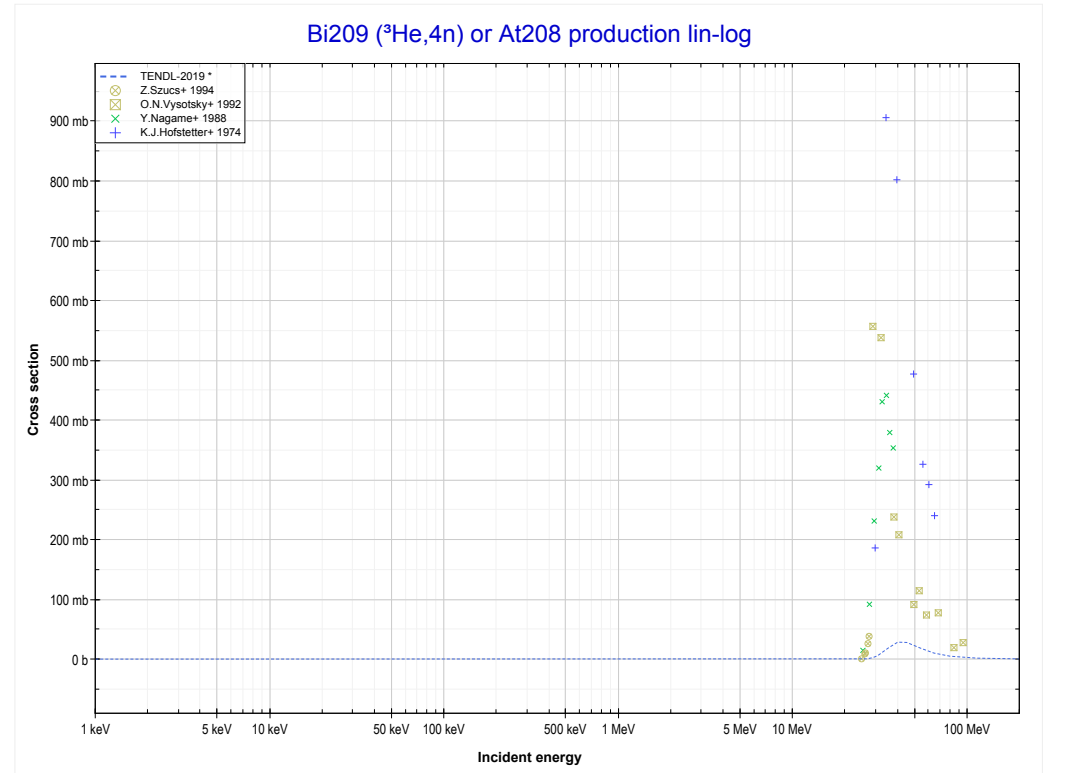
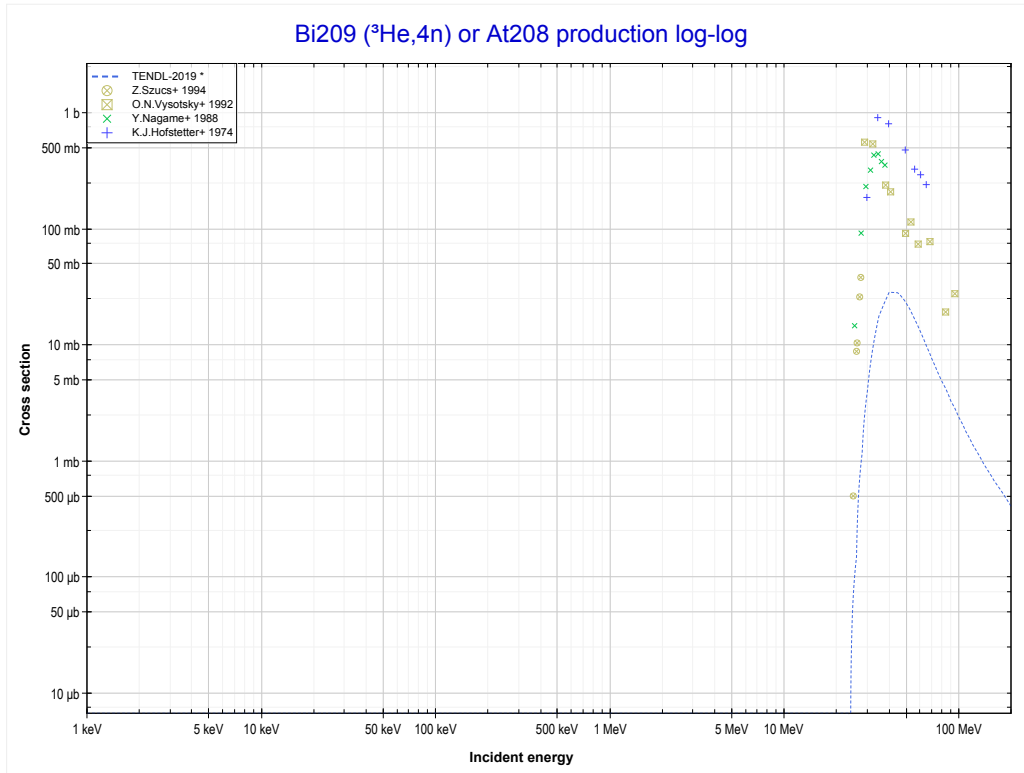
Reaction	Q-Value
Bi209(He3,2n+α)Bi206	-1867.03 keV
Bi209(He3,2t)Bi206	-13199.10 keV
Bi209(He3,n+d+t)Bi206	-19456.33 keV
Bi209(He3,2n+p+t)Bi206	-21680.90 keV
Bi209(He3,3n+He3)Bi206	-22444.65 keV
Bi209(He3,2n+2d)Bi206	-25713.56 keV
Bi209(He3,3n+p+d)Bi206	-27938.13 keV
Bi209(He3,4n+2p)Bi206	-30162.69 keV

<< 74-W-183	83-Bi-209	93-Np-237 >>
<< MT24 (³ He,2n+α)	MT28 (³He,n+p) or MT5 (Po210 production)	MT37 (³ He,4n) >>



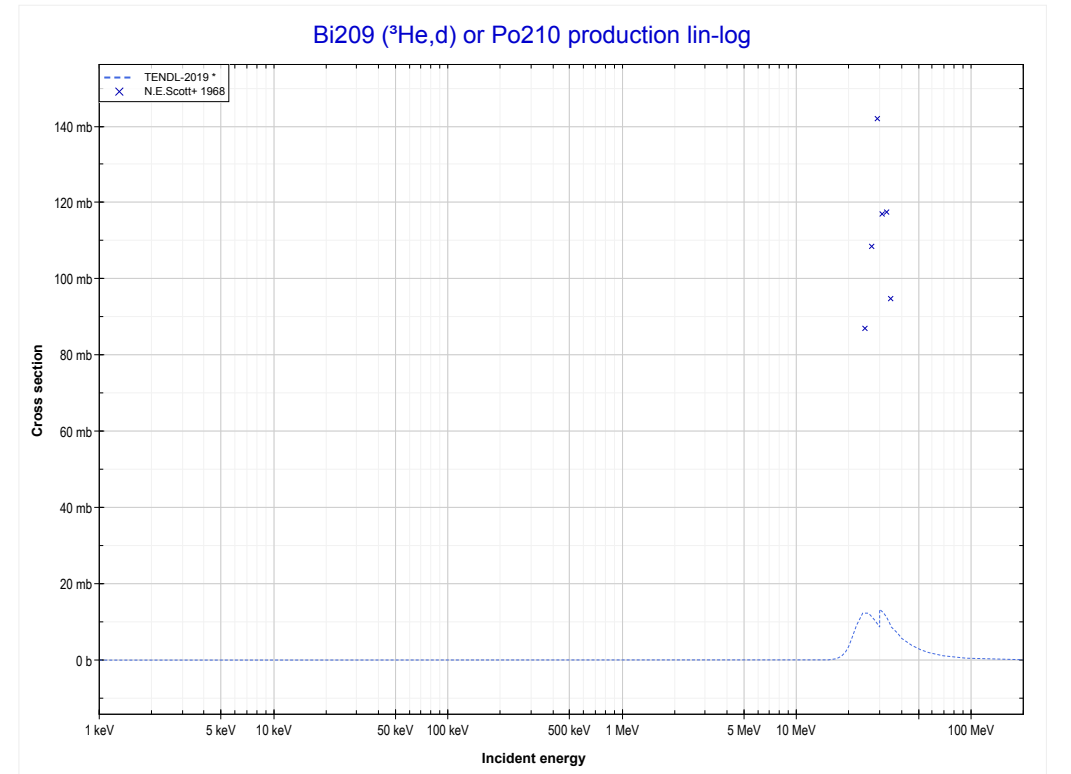
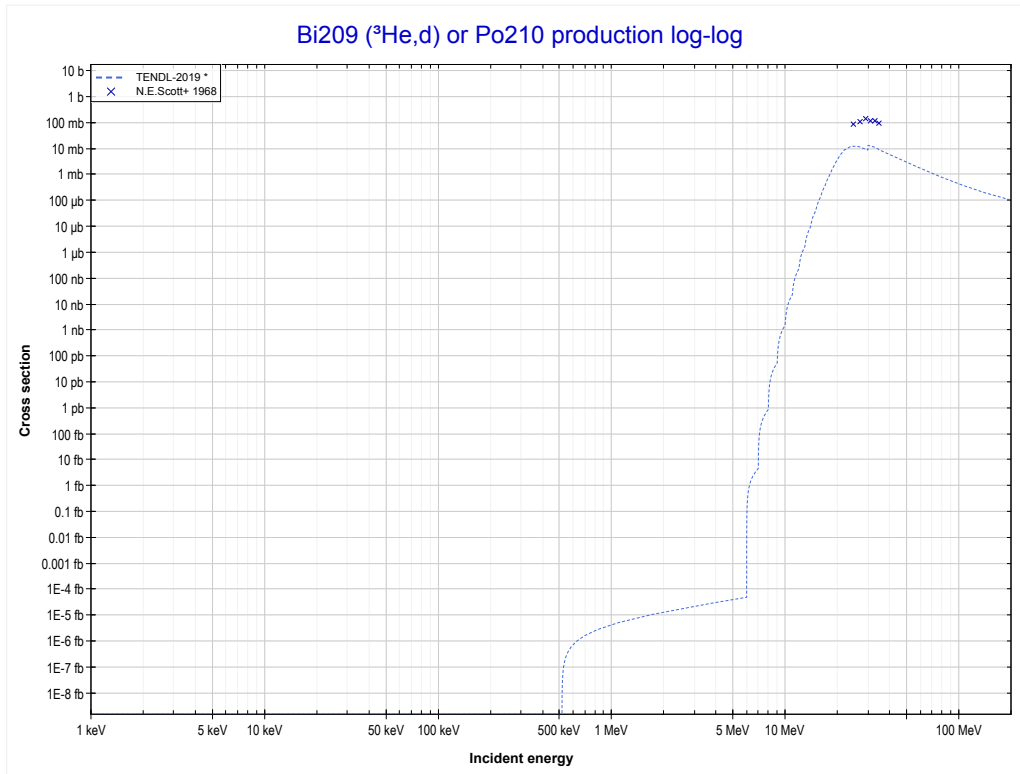
Reaction	Q-Value
Bi209(He3,d)Po210	-510.10 keV
Bi209(He3,n+p)Po210	-2734.67 keV

<< 82-Pb-208	83-Bi-209	92-U-235 >>
<< MT28 (³ He,n+p)	MT37 (³He,4n) or MT5 (At208 production)	MT104 (³ He,d) >>



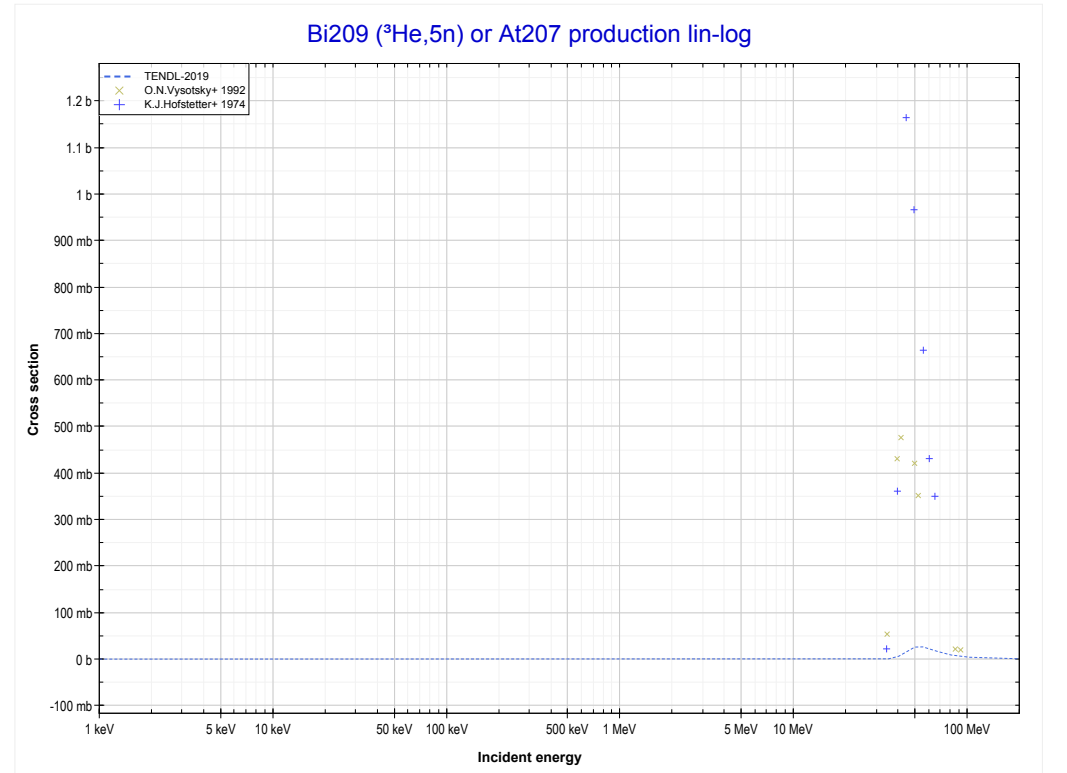
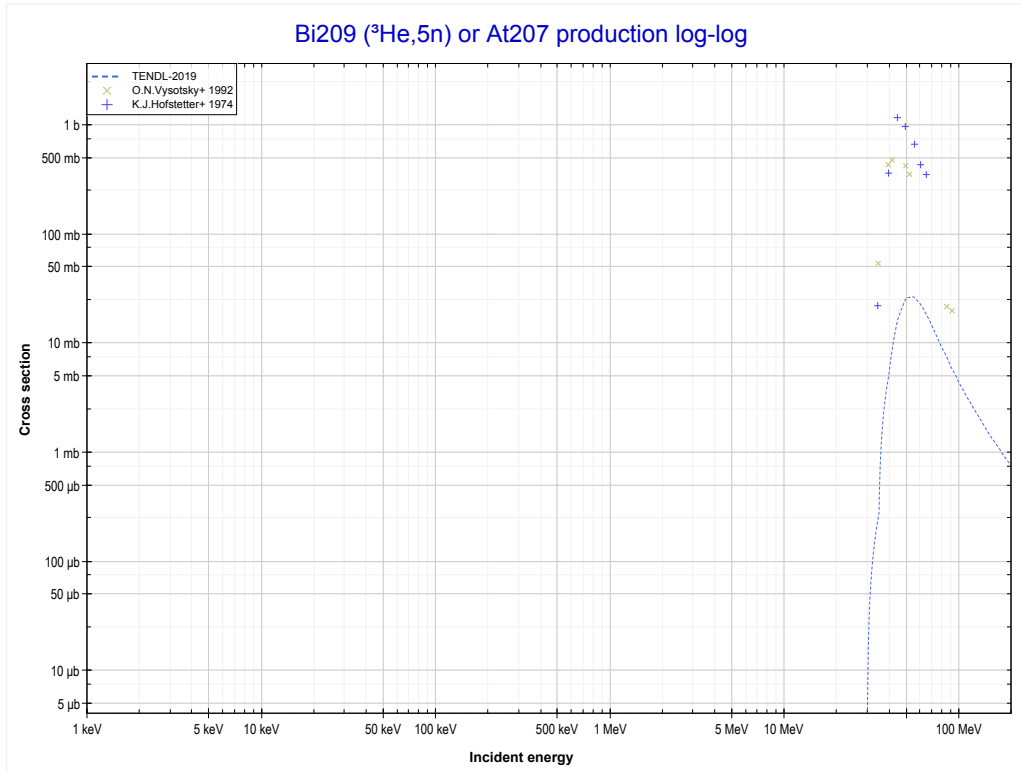
Reaction	Q-Value
Bi209(He3,4n)At208	-23142.75 keV

<< 74-W-183	83-Bi-209	93-Np-237 >>
<< MT37 (³ He,4n)	MT104 (³He,d) or MT5 (Po210 production)	MT152 (³ He,5n) >>



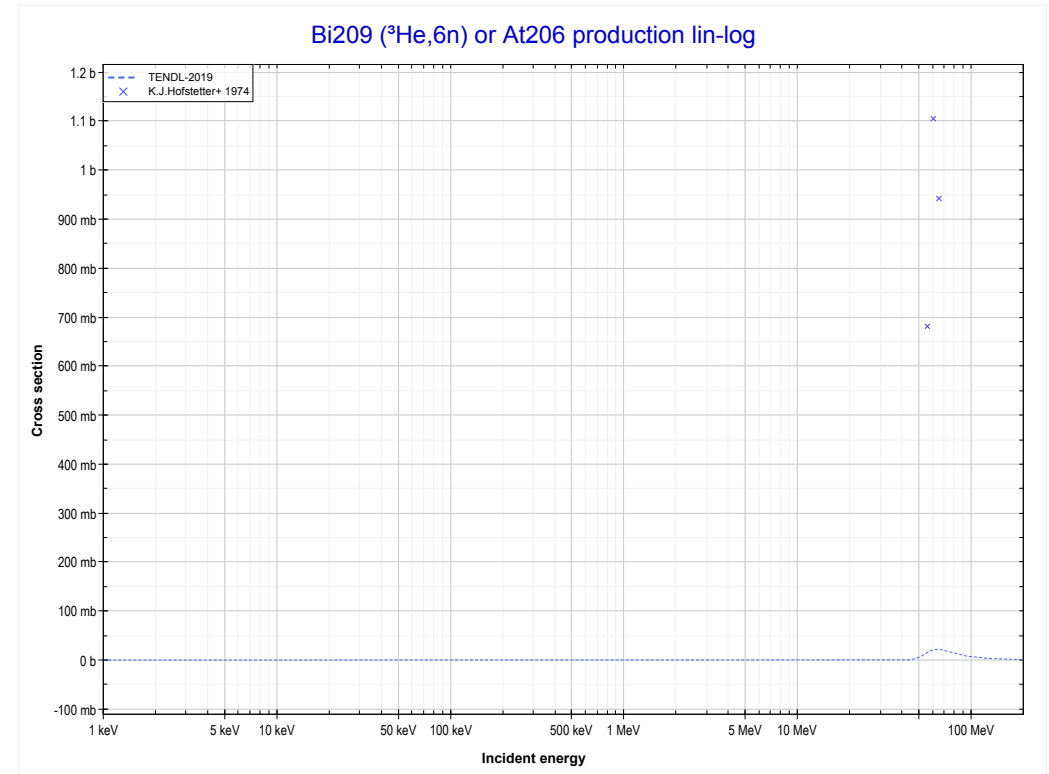
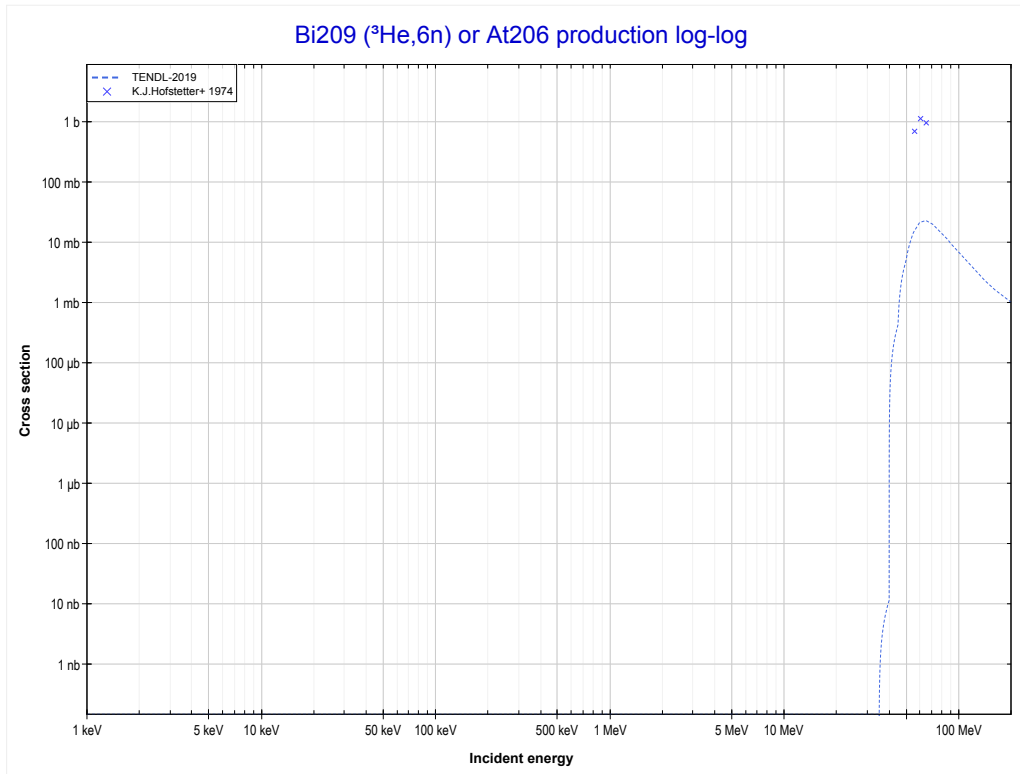
Reaction	Q-Value
Bi209(He3,d)Po210	-510.10 keV
Bi209(He3,n+p)Po210	-2734.67 keV

<< 81-Tl-203	83-Bi-209	
<< MT104 (³ He,d)	MT152 (³He,5n) or MT5 (At207 production)	MT153 (³ He,6n) >>



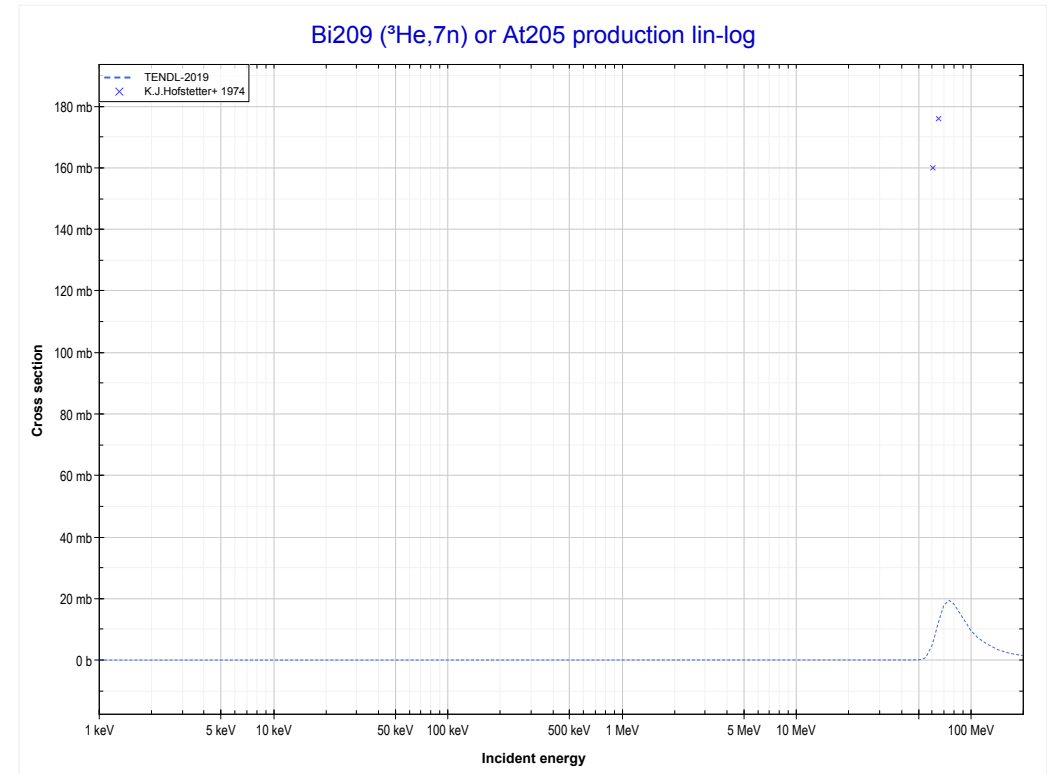
Reaction	Q-Value
Bi209(He3,5n)At207	-30457.07 keV

<< 81-Tl-205	83-Bi-209	
<< MT152 (³ He,5n)	MT153 (³He,6n) or MT5 (At206 production)	MT160 (³ He,7n) >>



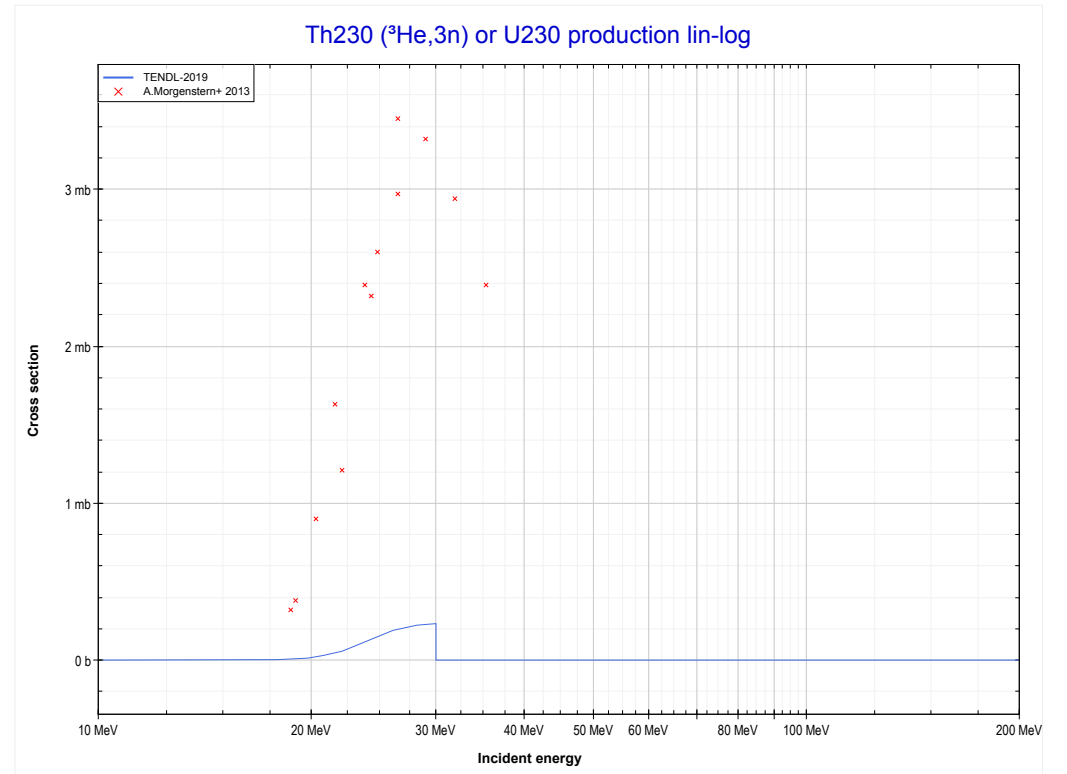
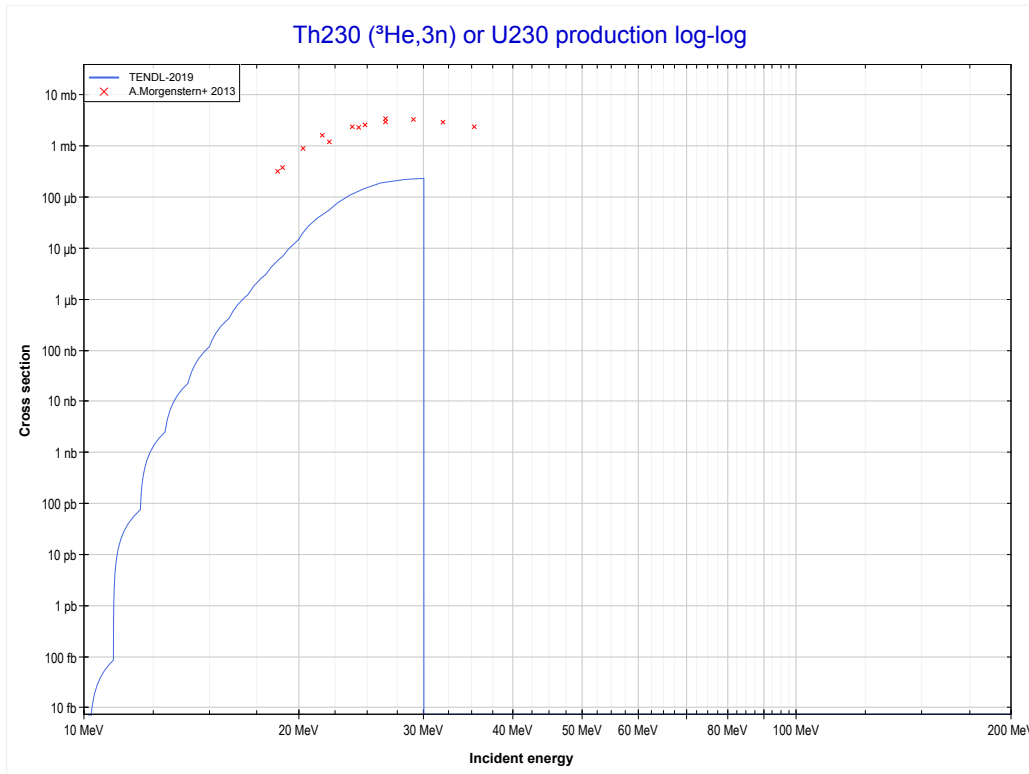
Reaction	Q-Value
Bi209(He3,6n)At206	-39325.38 keV

<< 81-Tl-205	83-Bi-209	
<< MT153 (³ He,6n)	MT160 (³He,7n) or MT5 (At205 production)	90-Th-230 MT17 (³ He,3n) >>



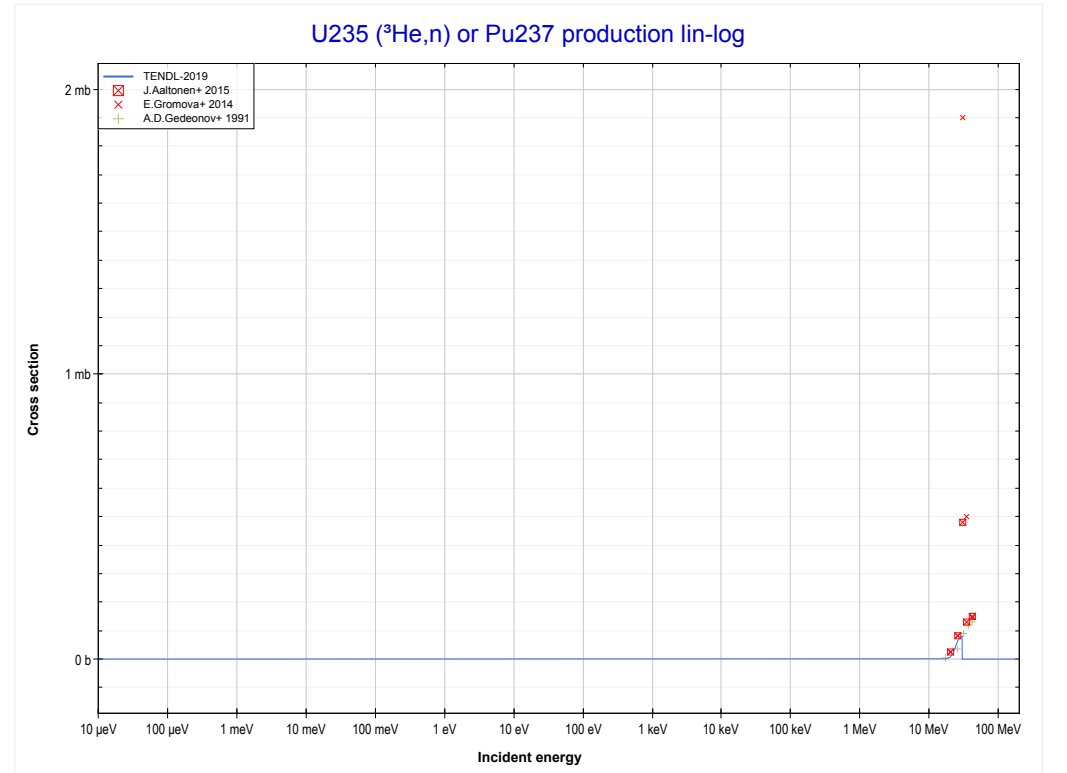
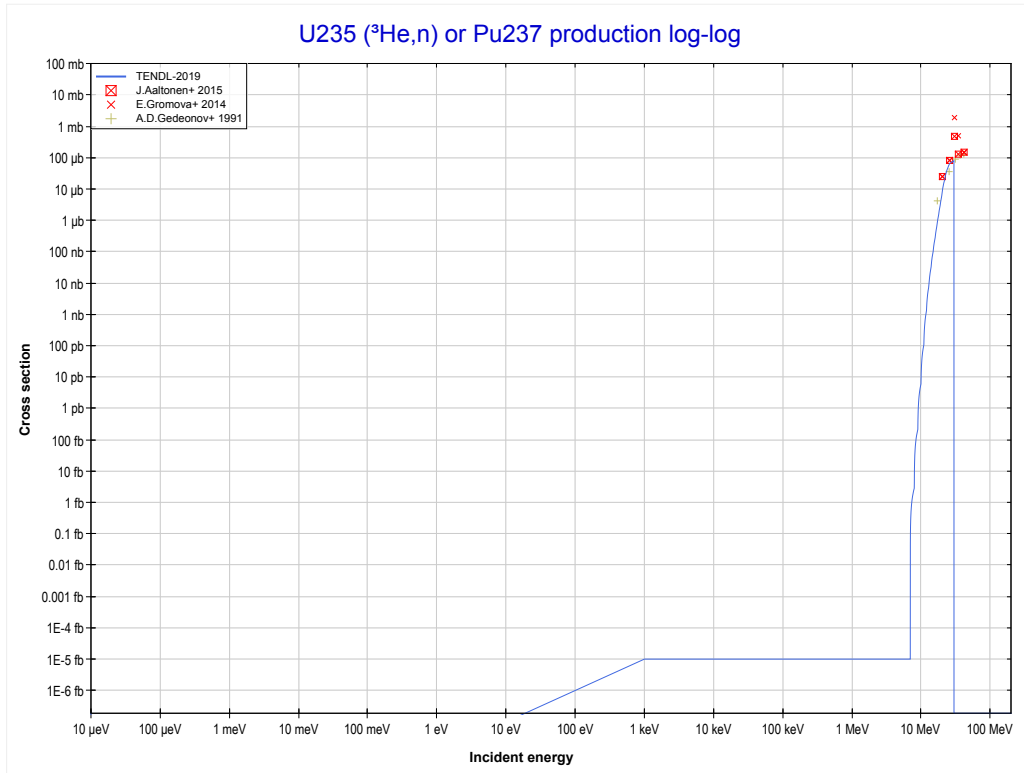
Reaction	Q-Value
Bi209(He3,7n)At205	-46854.70 keV

<< 83-Bi-209	90-Th-230	93-Np-237 >>
<< 83-Bi-209 MT160 (³ He,7n)	MT17 (³He,3n) or MT5 (U230 production)	92-U-235 MT4 (³ He,n) >>



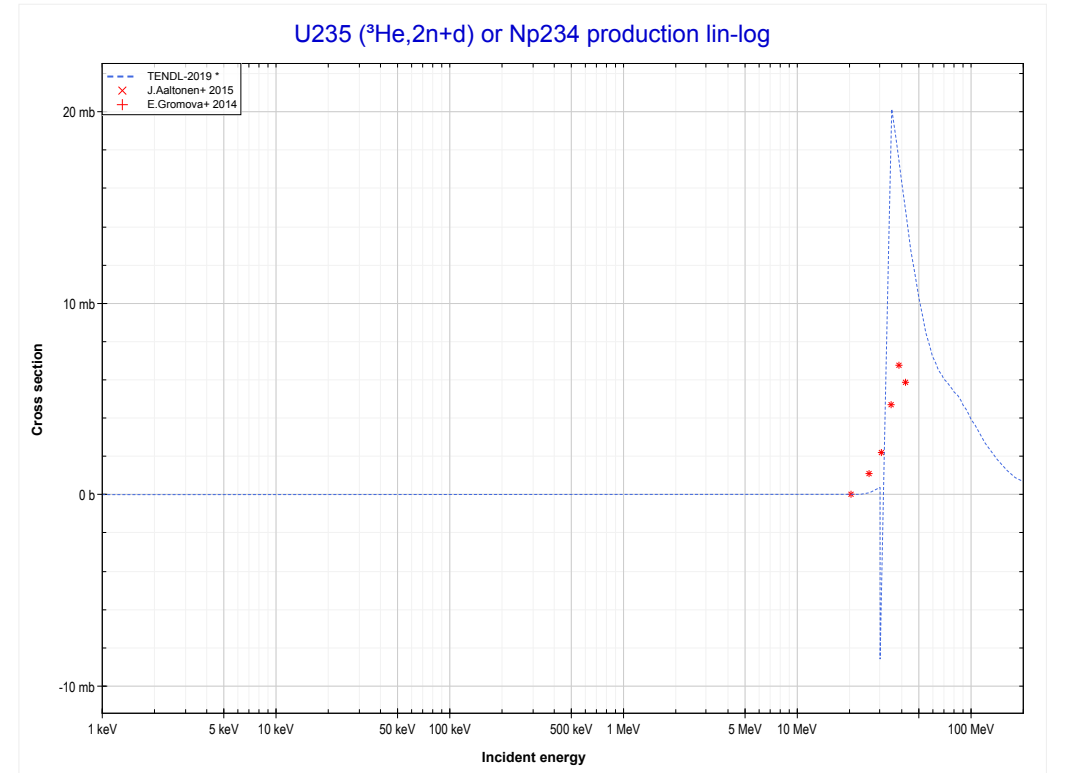
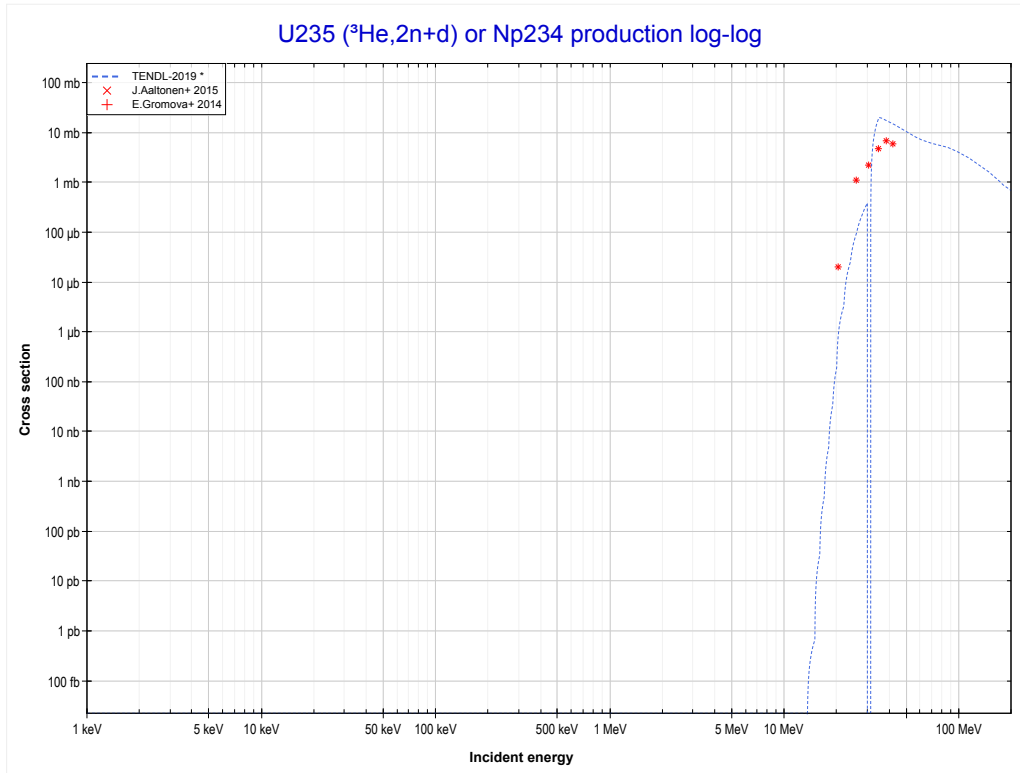
Reaction	Q-Value
Th230(He3,3n)U230	-10035.13 keV

<< 83-Bi-209	92-U-235	93-Np-237 >>
<< 90-Th-230 MT17 (³ He,3n)	MT4 (³He,n) or MT5 (Pu237 production)	MT11 (³ He,2n+d) >>



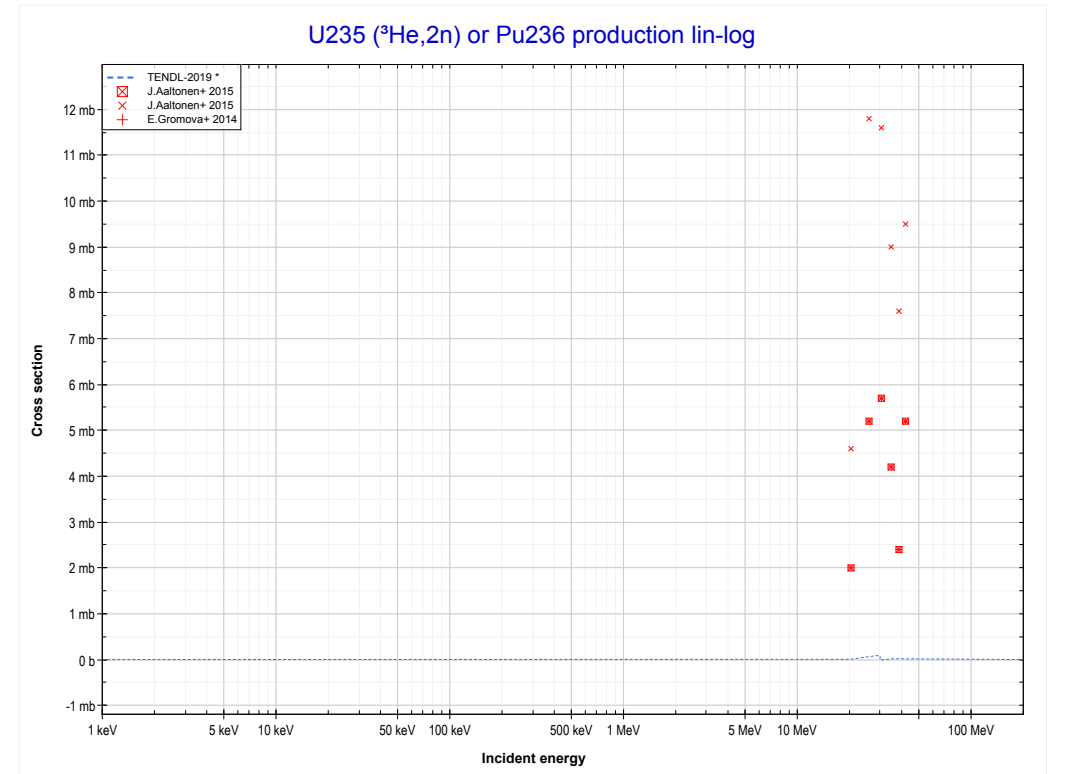
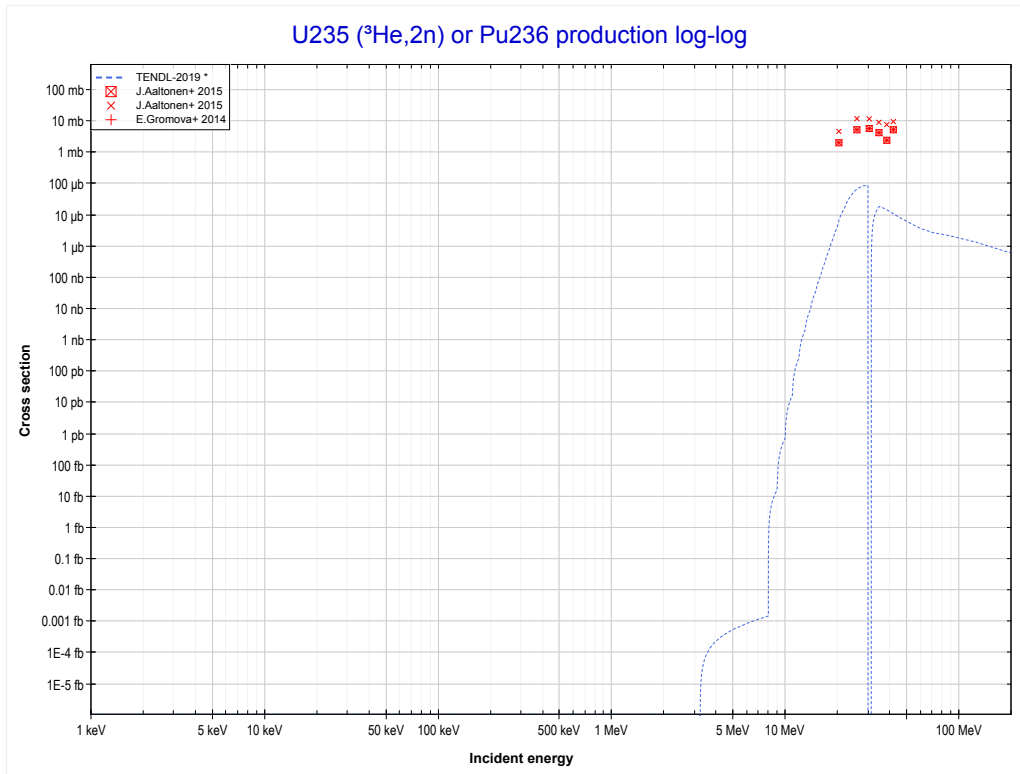
Reaction	Q-Value
U235(He3,n)Pu237	2687.00 keV

<< 62-Sm-147	92-U-235	92-U-236 >>
<< MT4 (³ He,n)	MT11 (³He,2n+d) or MT5 (Np234 production)	MT16 (³ He,2n) >>



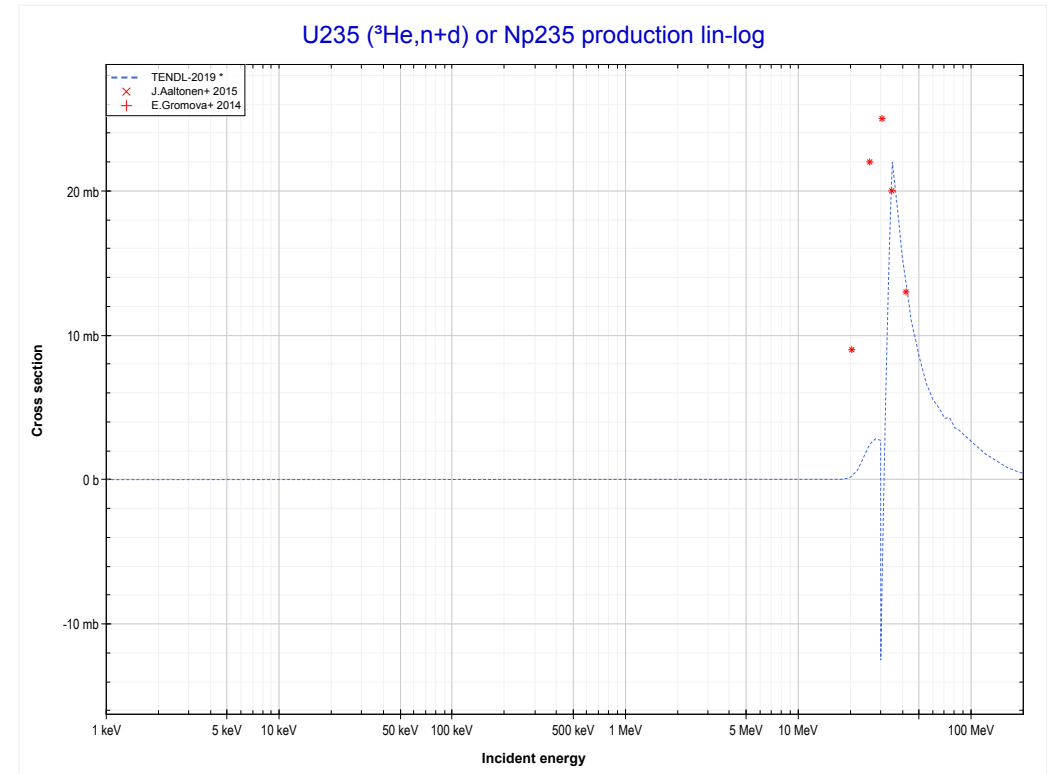
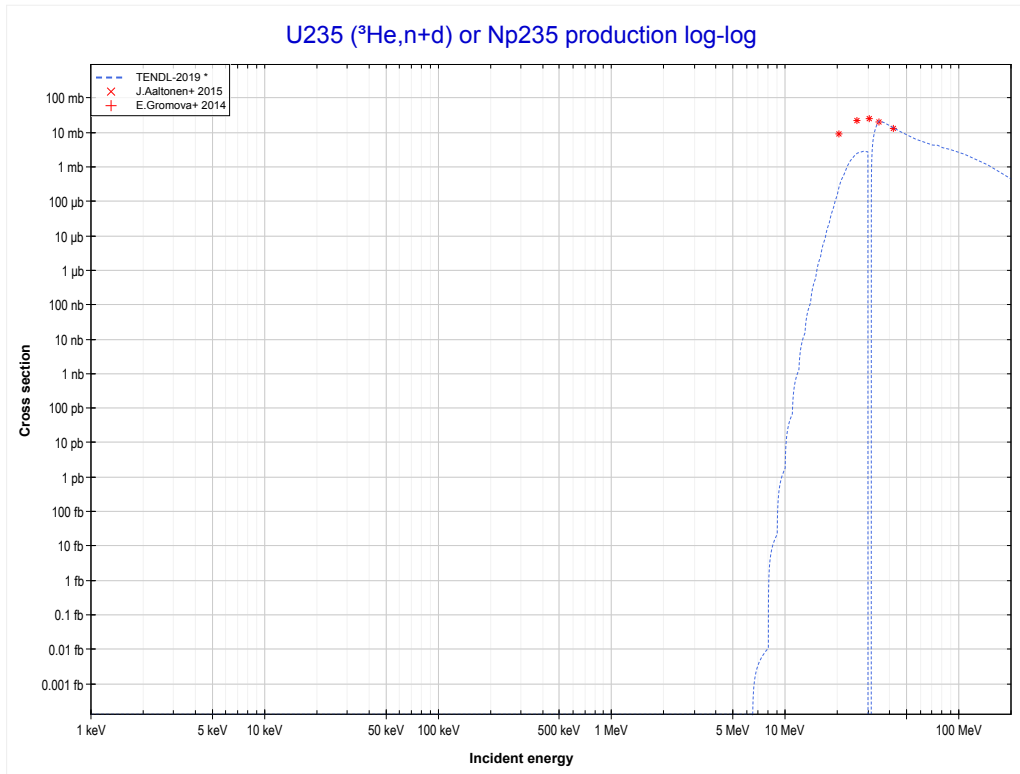
Reaction	Q-Value
U235(He3,n+t)Np234	-7126.11 keV
U235(He3,2n+d)Np234	-13383.34 keV
U235(He3,3n+p)Np234	-15607.90 keV

<< 83-Bi-209	92-U-235	92-U-236 >>
<< MT11 (³ He,2n+d)	MT16 (³He,2n) or MT5 (Pu236 production)	MT32 (³ He,n+d) >>



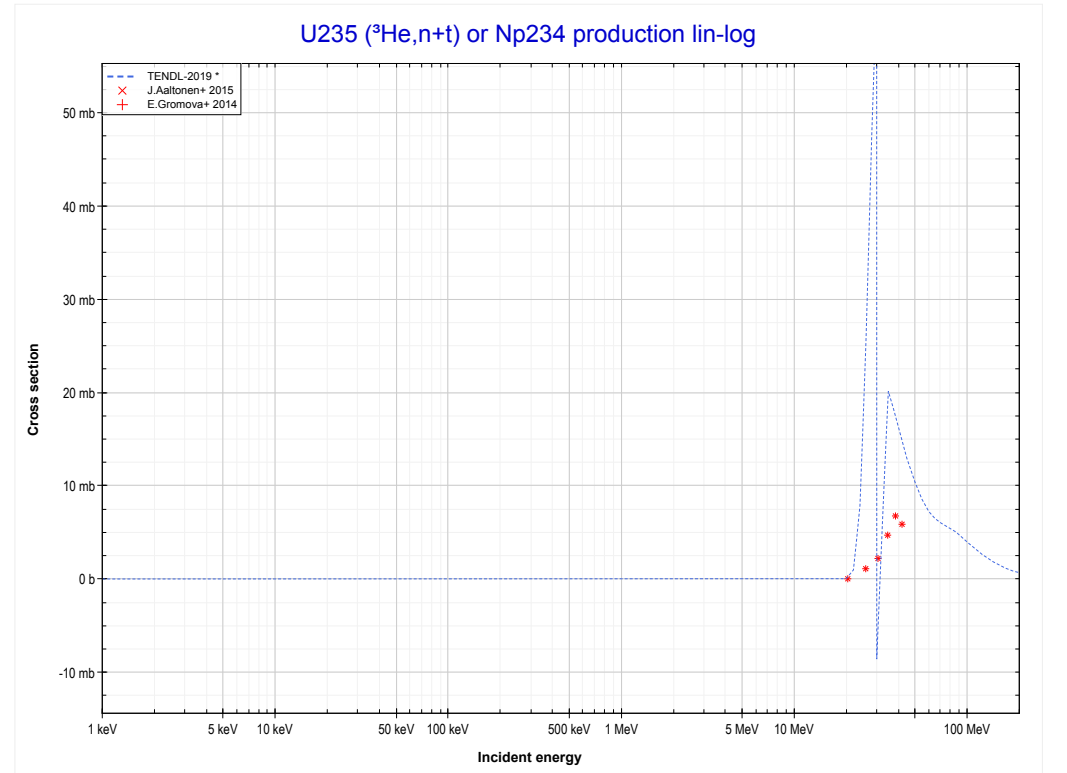
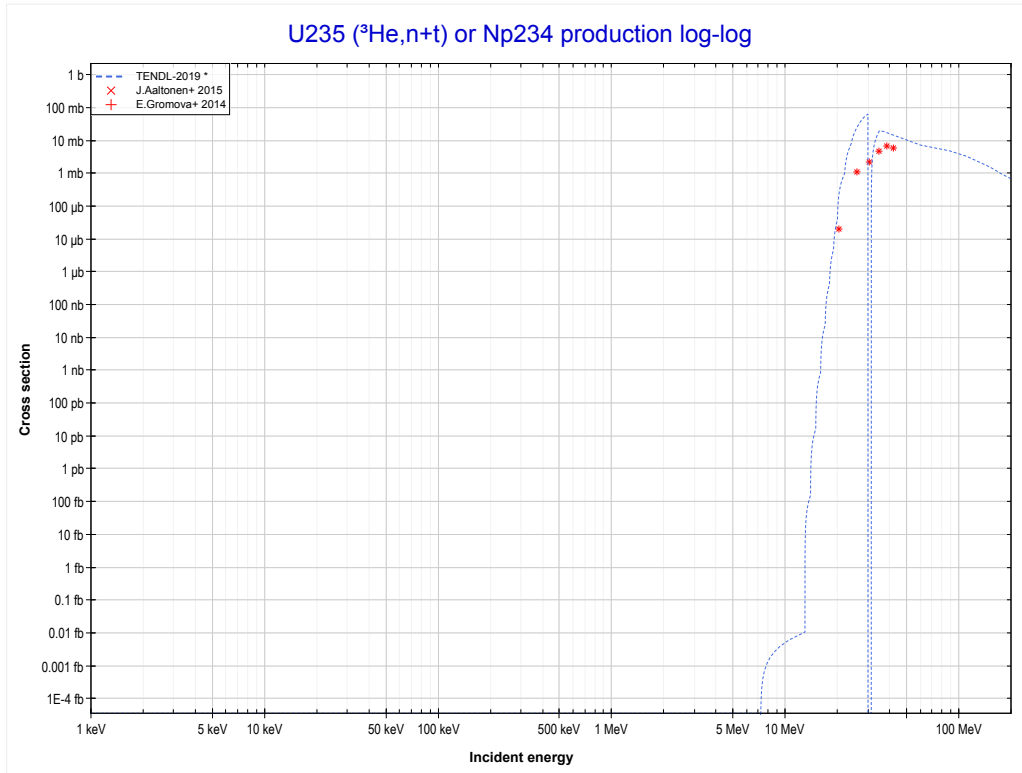
Reaction	Q-Value
U235(He3,2n)Pu236	-3194.22 keV

<< 78-Pt-194	92-U-235	
<< MT16 ($^3\text{He},2n$)	MT32 ($^3\text{He},n+d$) or MT5 (Np235 production)	MT33 ($^3\text{He},n+t$) >>



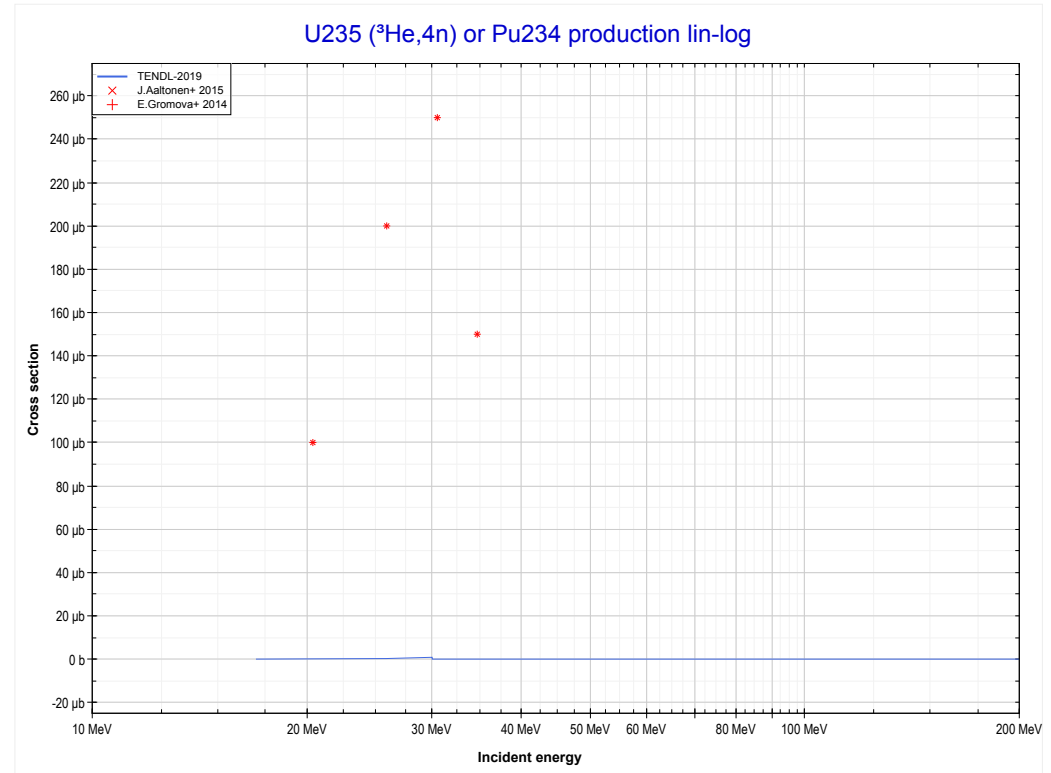
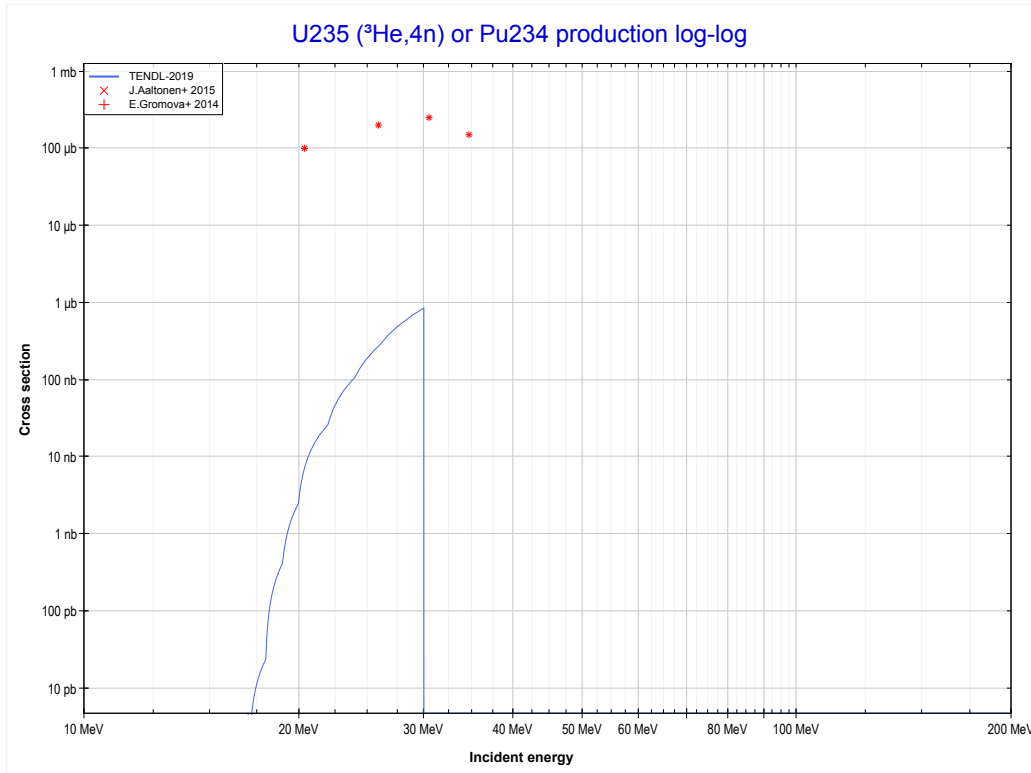
Reaction	Q-Value
U235(He3,t)Np235	-142.89 keV
U235(He3,n+d)Np235	-6400.12 keV
U235(He3,2n+p)Np235	-8624.69 keV

<< 62-Sm-147	92-U-235	92-U-236 >>
<< MT32 (³ He,n+d)	MT33 (³He,n+t) or MT5 (Np234 production)	MT37 (³ He,4n) >>



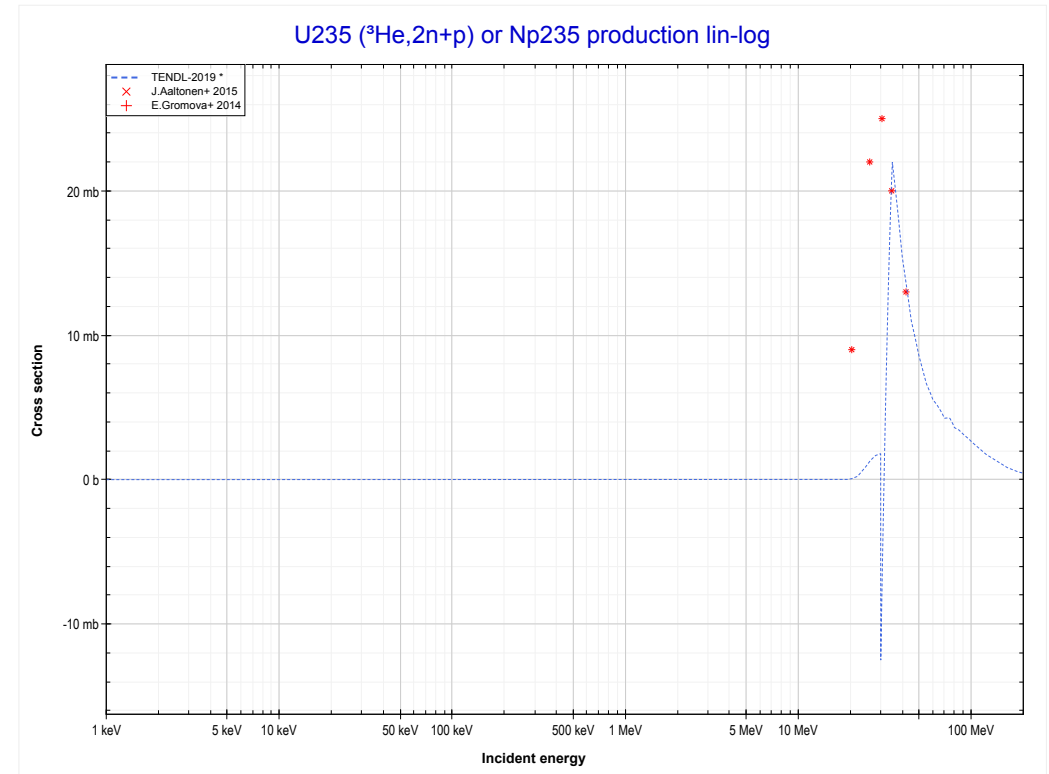
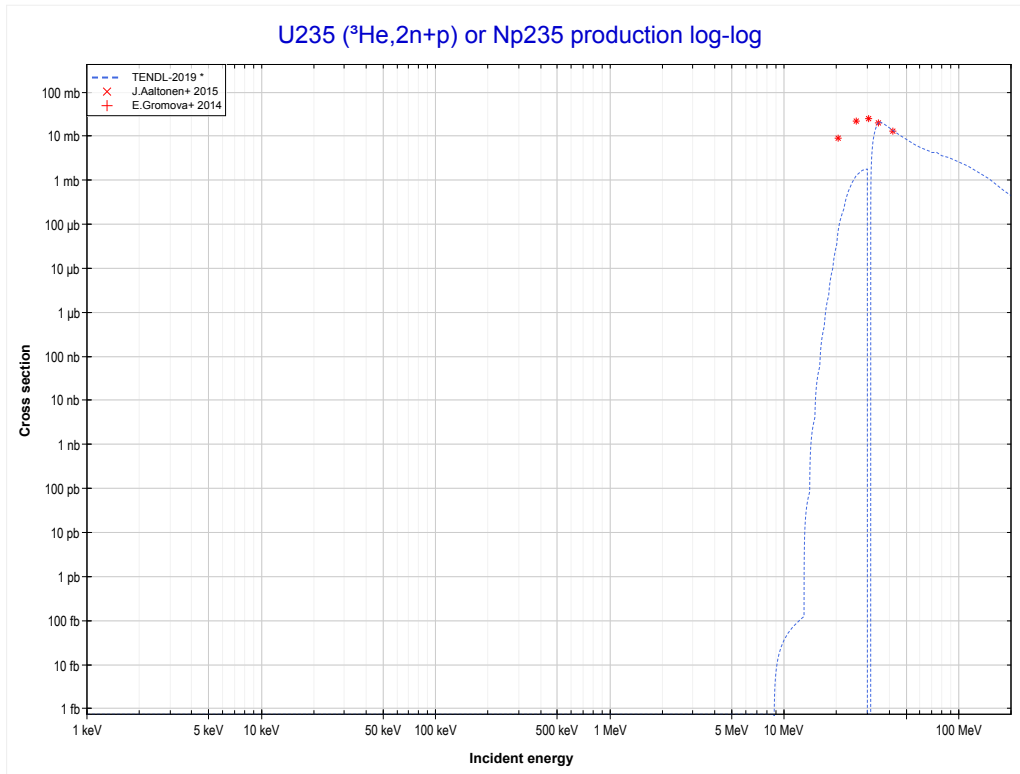
Reaction	Q-Value
U235(He3,n+t)Np234	-7126.11 keV
U235(He3,2n+d)Np234	-13383.34 keV
U235(He3,3n+p)Np234	-15607.90 keV

<< 83-Bi-209	92-U-235	
<< MT33 ($^3\text{He},n+t$)	MT37 ($^3\text{He},4n$) or MT5 (Pu234 production)	MT41 ($^3\text{He},2n+p$) >>



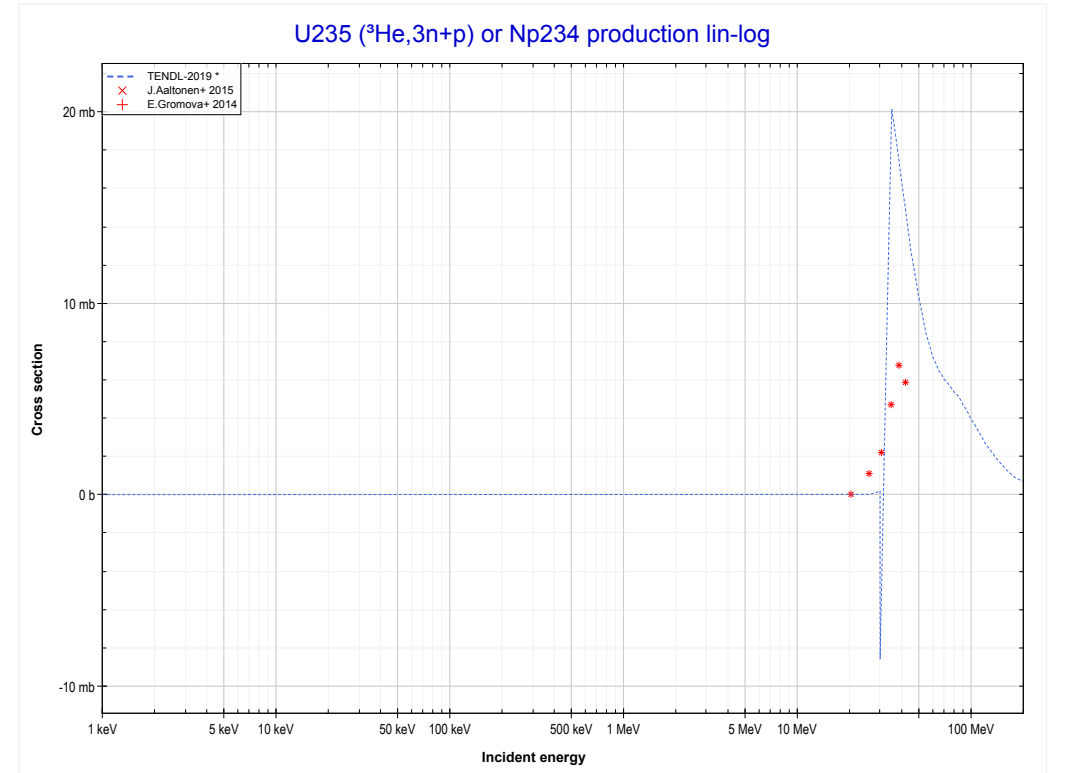
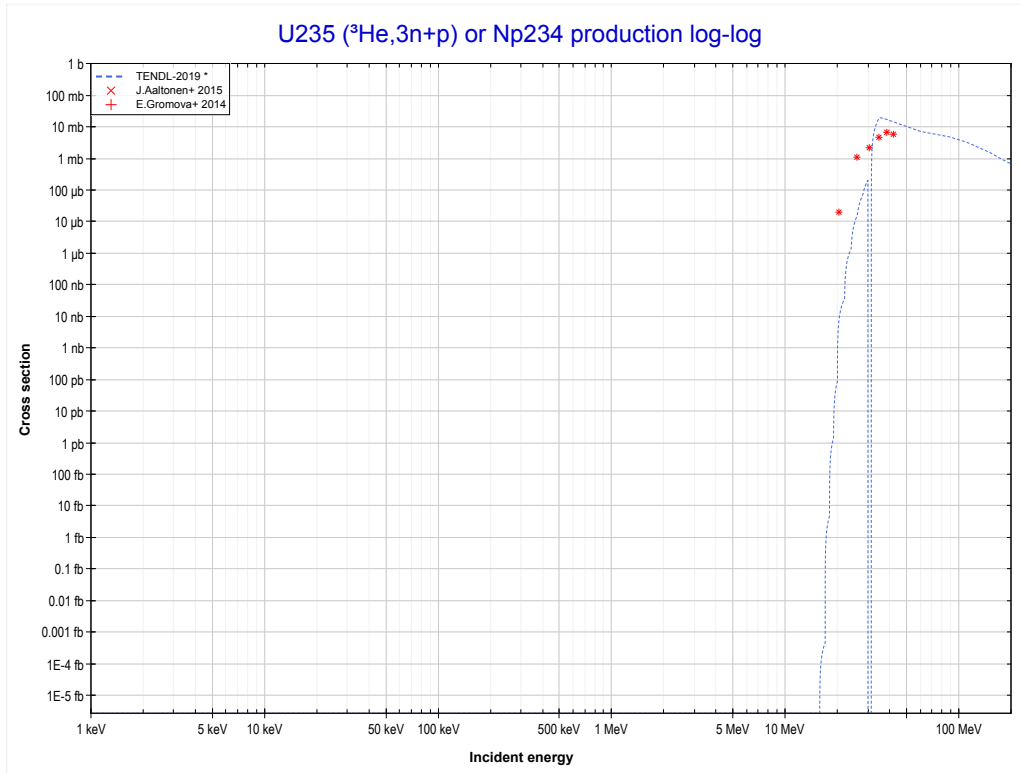
Reaction	Q-Value
U235(He3,4n)Pu234	-16785.25 keV

<< 78-Pt-194	92-U-235	
<< MT37 ($^3\text{He},4n$)	MT41 ($^3\text{He},2n+p$) or MT5 (Np235 production)	MT42 ($^3\text{He},3n+p$) >>



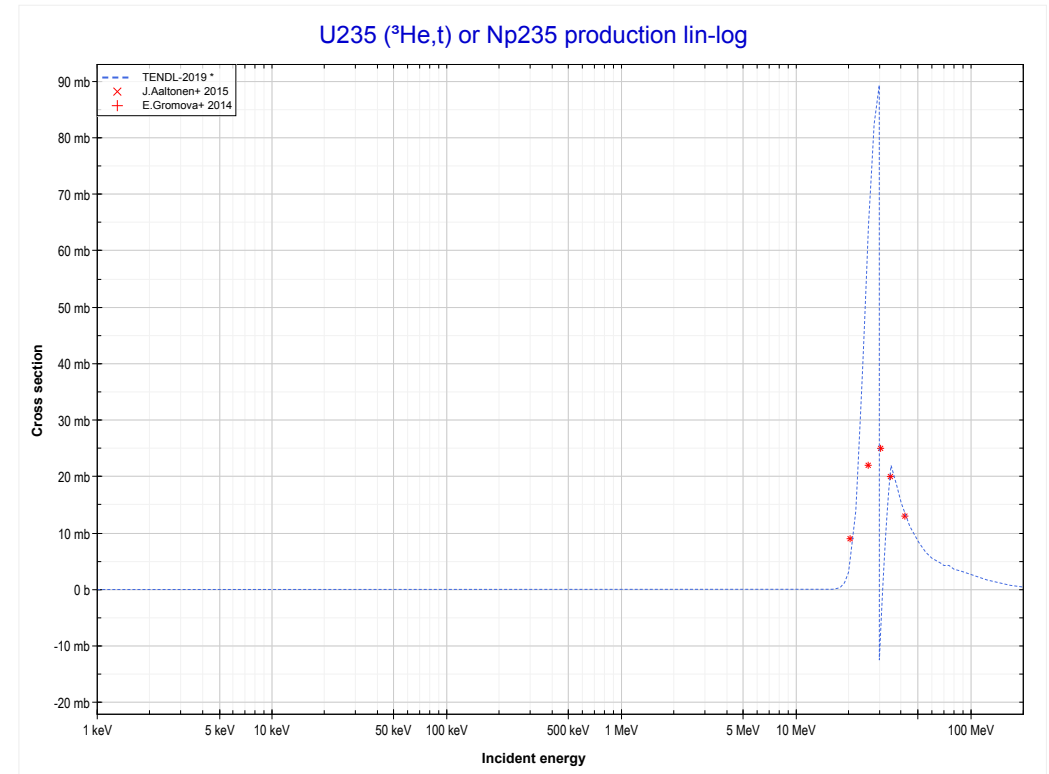
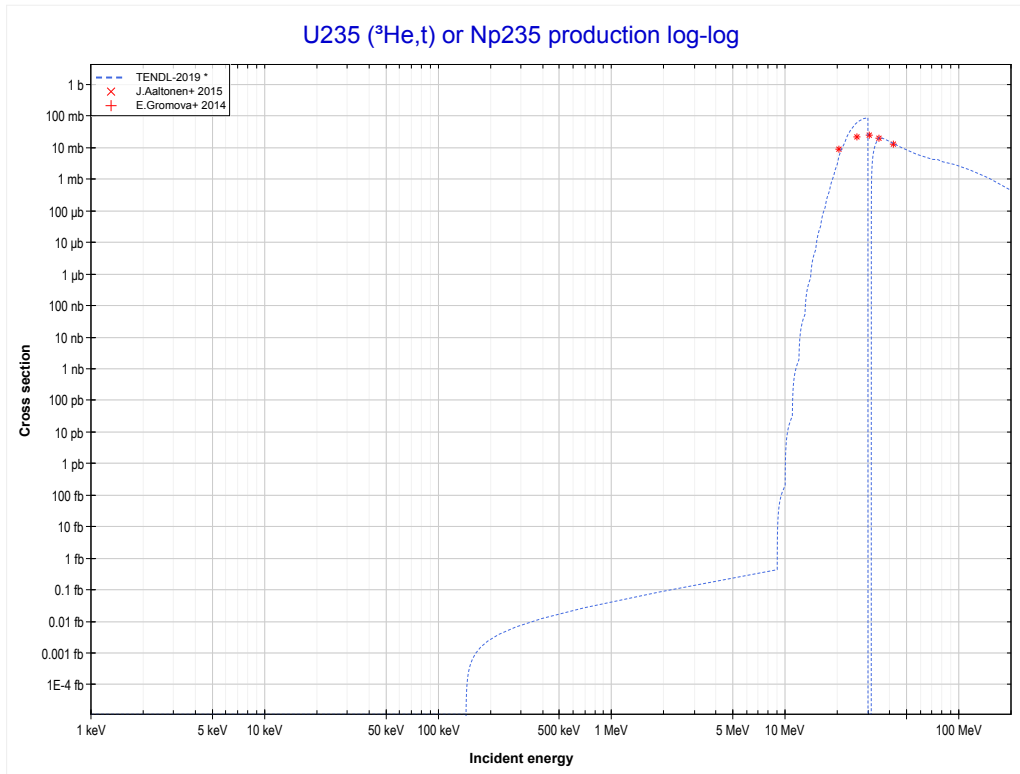
Reaction	Q-Value
U235($\text{He}3,t$)Np235	-142.89 keV
U235($\text{He}3,n+d$)Np235	-6400.12 keV
U235($\text{He}3,2n+p$)Np235	-8624.69 keV

<< 62-Sm-147	92-U-235	92-U-236 >>
<< MT41 (³ He,2n+p)	MT42 (³He,3n+p) or MT5 (Np234 production)	MT105 (³ He,t) >>



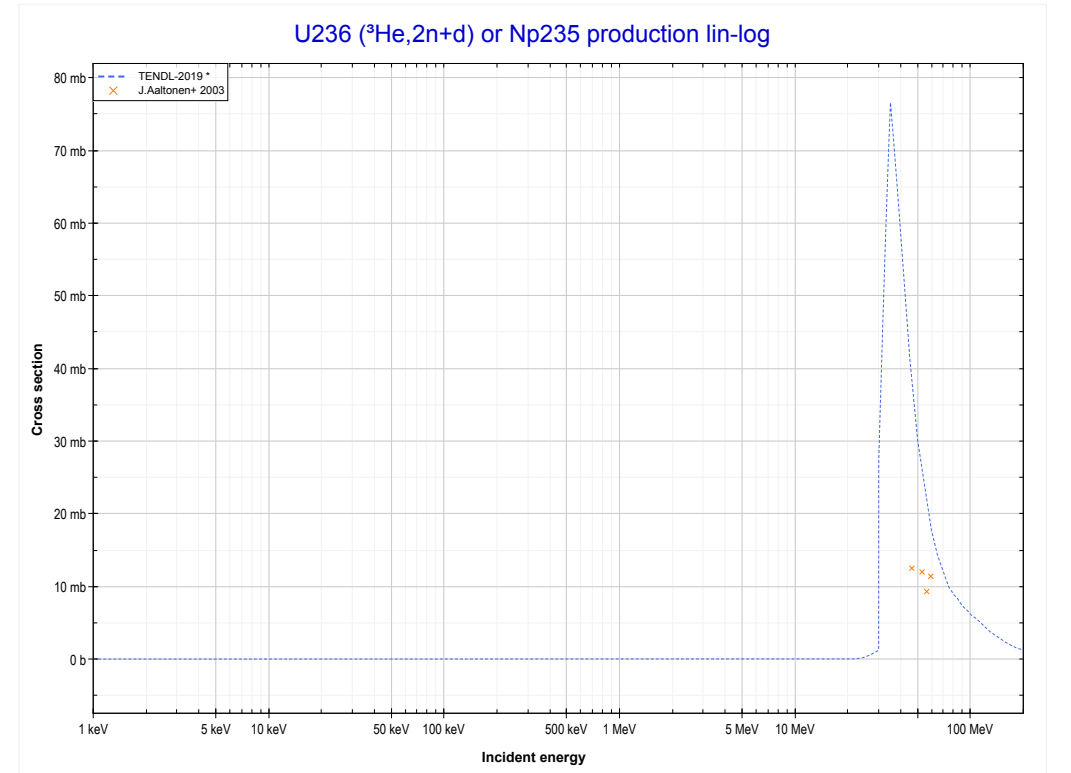
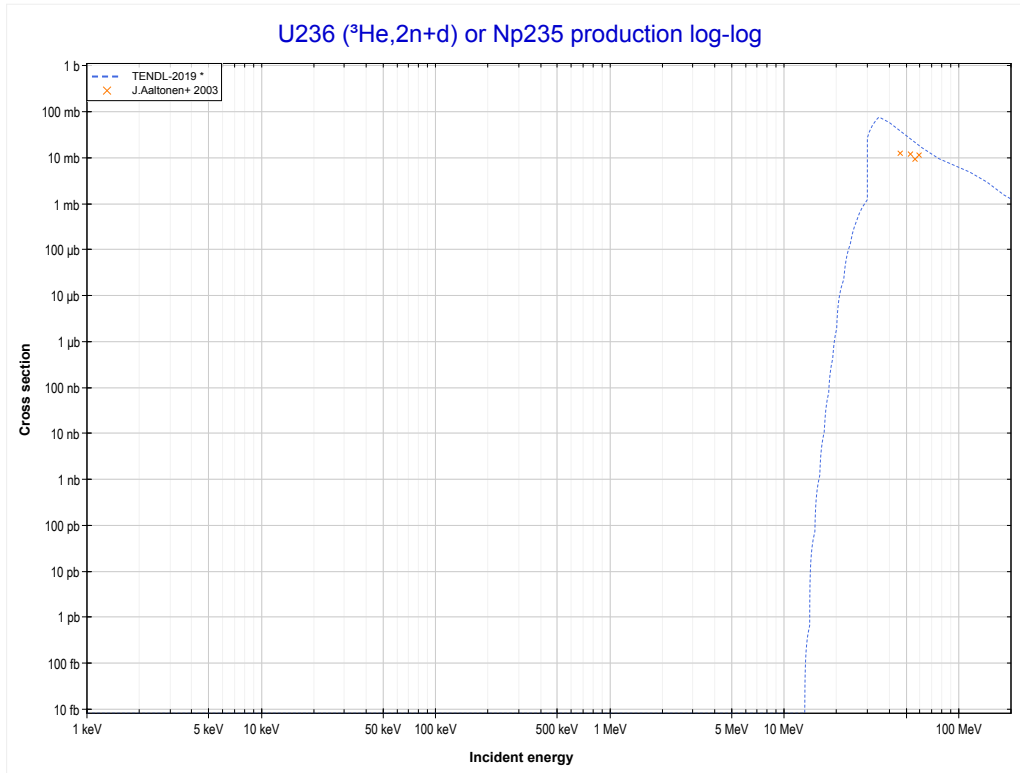
Reaction	Q-Value
U235(He3,n+t)Np234	-7126.11 keV
U235(He3,2n+d)Np234	-13383.34 keV
U235(He3,3n+p)Np234	-15607.90 keV

<< 78-Pt-194	92-U-235	
<< MT42 (³ He,3n+p)	MT105 (³He,t) or MT5 (Np235 production)	92-U-236 MT11 (³ He,2n+d) >>



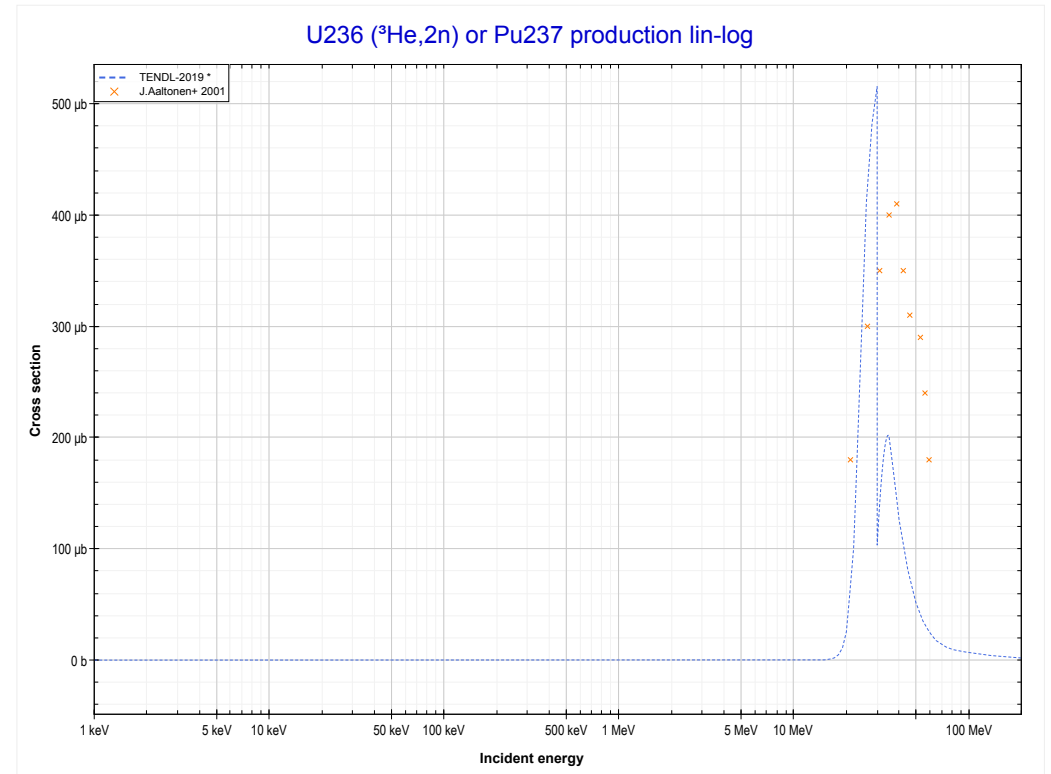
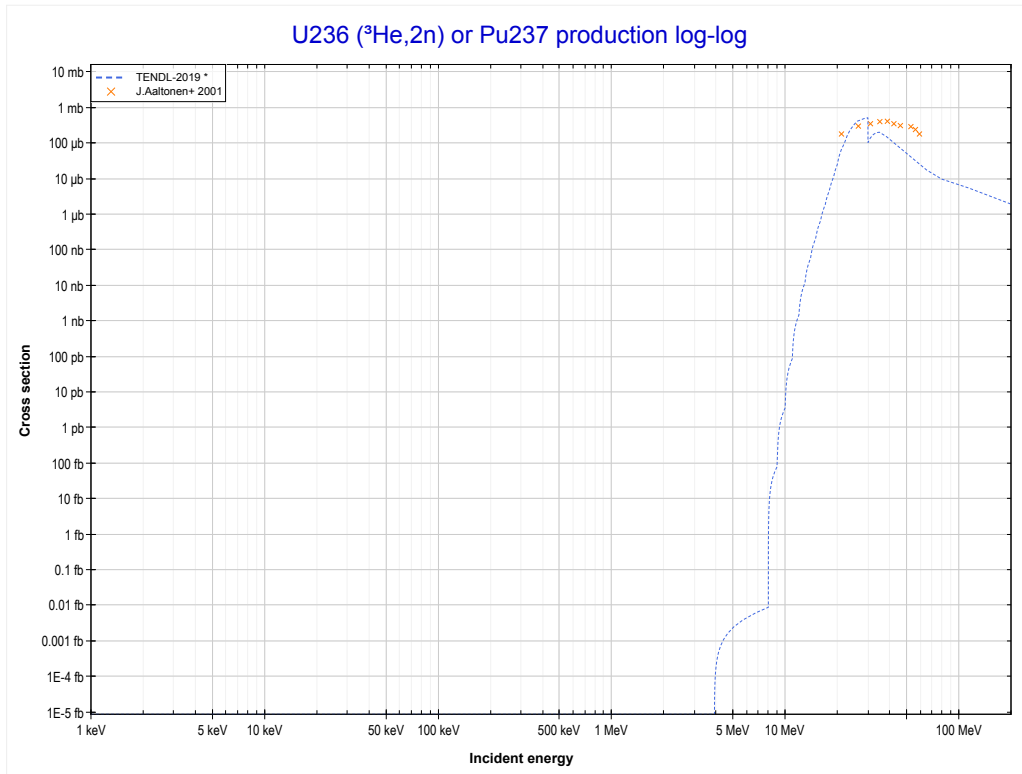
Reaction	Q-Value
U235(He3,t)Np235	-142.89 keV
U235(He3,n+d)Np235	-6400.12 keV
U235(He3,2n+p)Np235	-8624.69 keV

<< 92-U-235	92-U-236	93-Np-237 >>
<< 92-U-235 MT105 (³ He,t)	MT11 (³He,2n+d) or MT5 (Np235 production)	MT16 (³ He,2n) >>



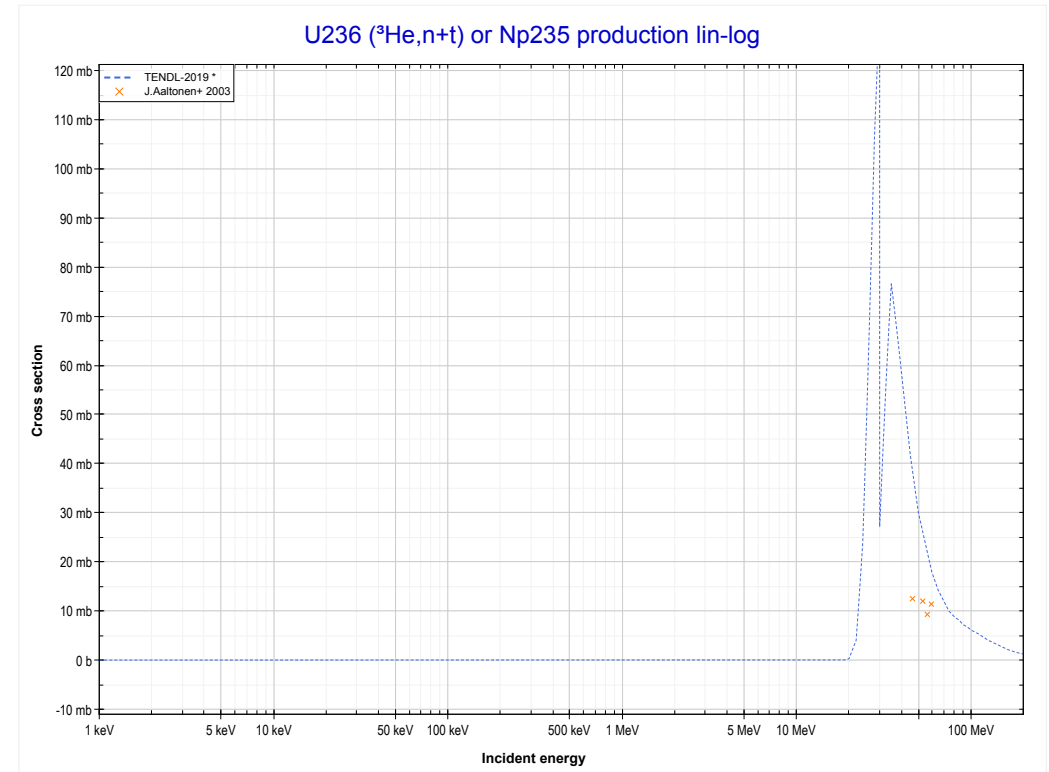
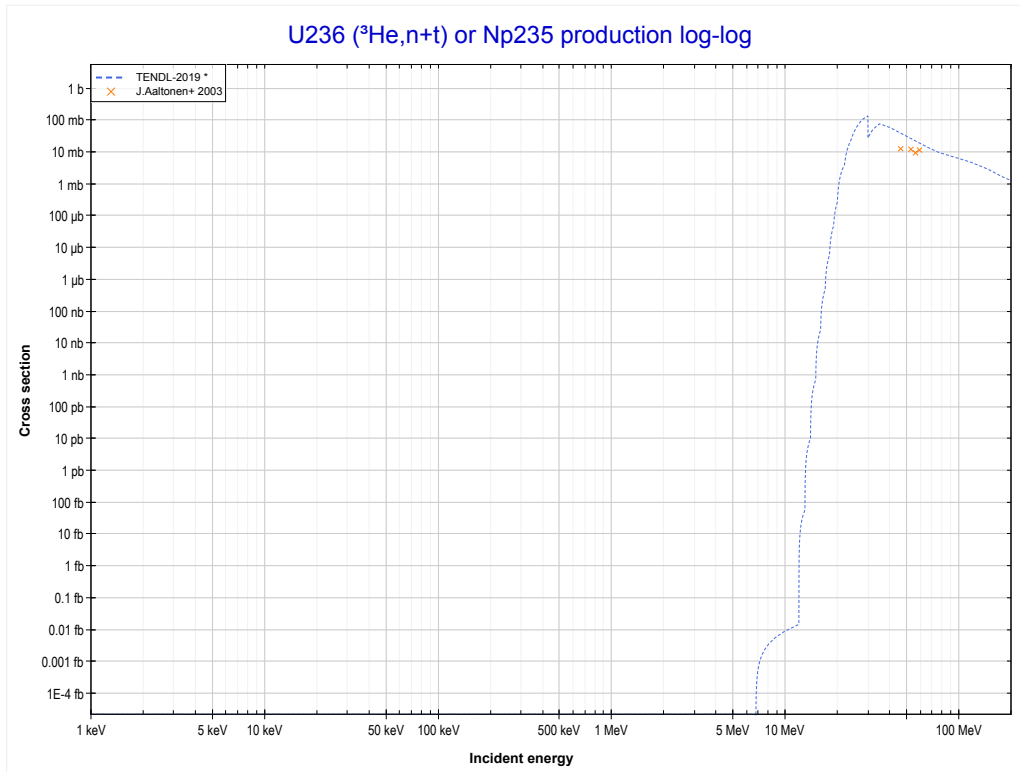
Reaction	Q-Value
U236(He3,n+t)Np235	-6688.41 keV
U236(He3,2n+d)Np235	-12945.64 keV
U236(He3,3n+p)Np235	-15170.20 keV

<< 92-U-235	92-U-236	
<< MT11 ($^3\text{He},2n+d$)	MT16 ($^3\text{He},2n$) or MT5 (Pu237 production)	MT33 ($^3\text{He},n+t$) >>



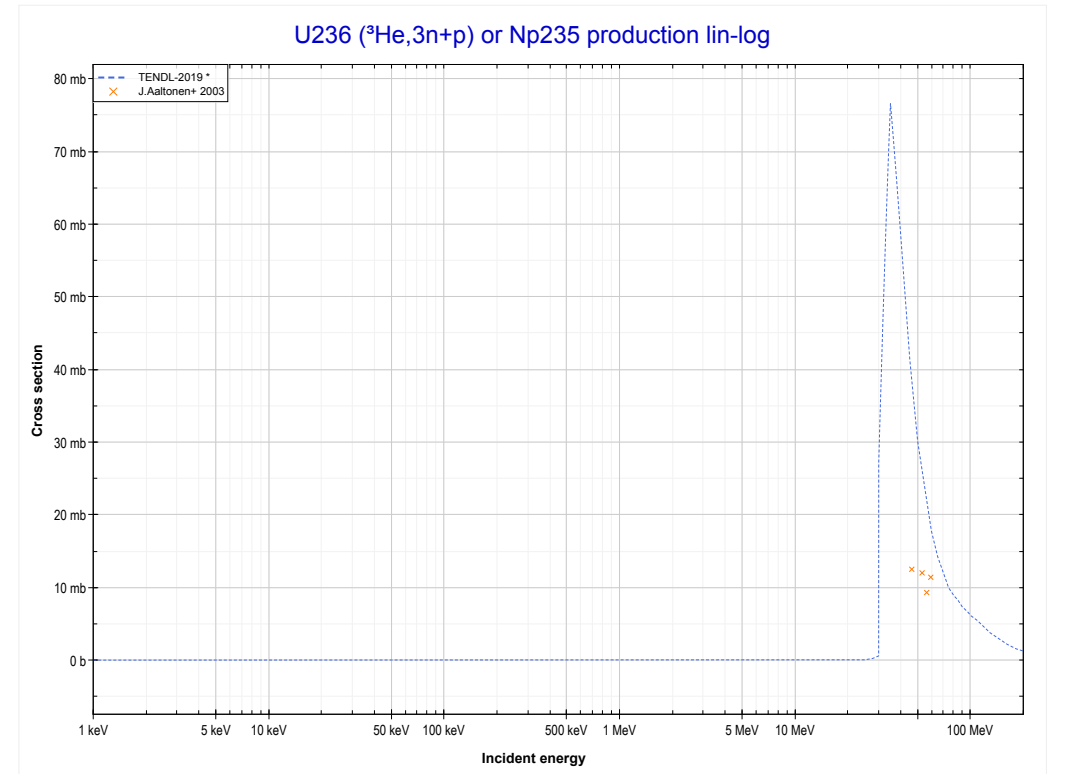
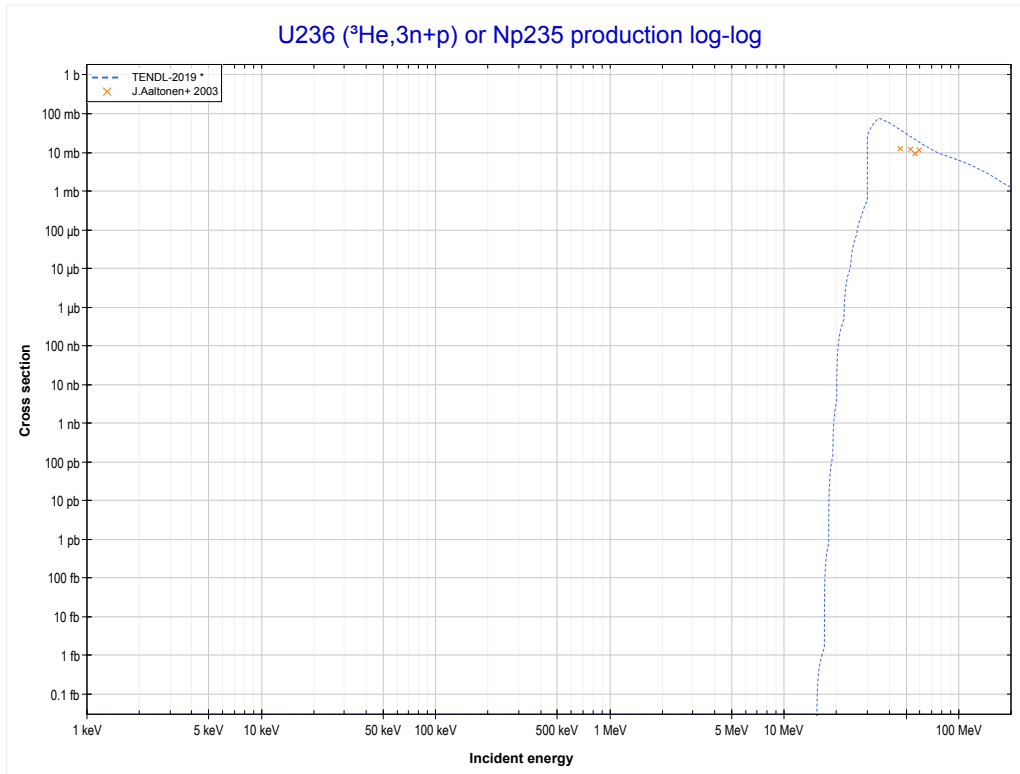
Reaction	Q-Value
U236(He3,2n)Pu237	-3858.52 keV

<< 92-U-235	92-U-236	93-Np-237 >>
<< MT16 (³ He,2n)	MT33 (³He,n+t) or MT5 (Np235 production)	MT42 (³ He,3n+p) >>



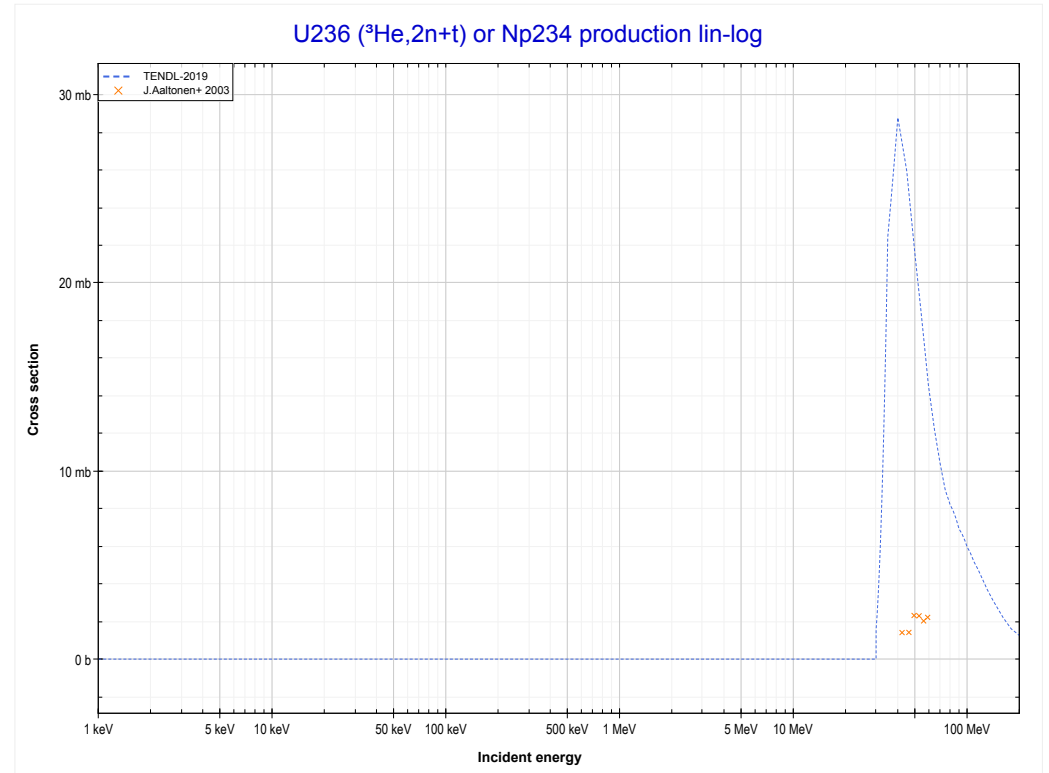
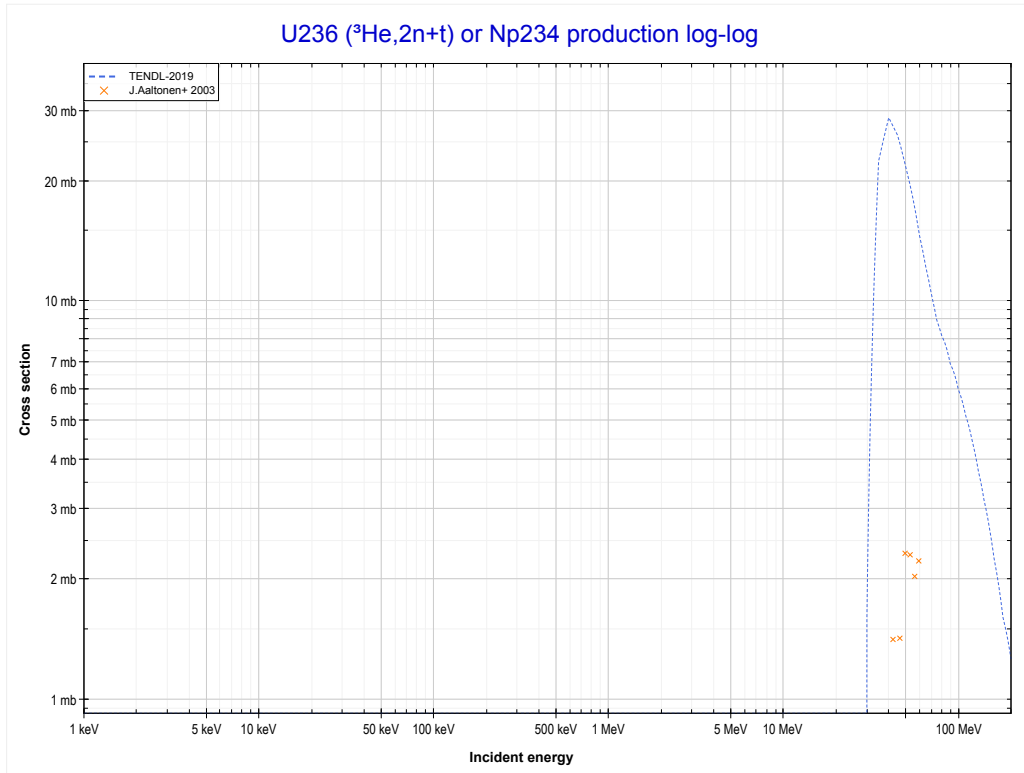
Reaction	Q-Value
U236(He3,n+t)Np235	-6688.41 keV
U236(He3,2n+d)Np235	-12945.64 keV
U236(He3,3n+p)Np235	-15170.20 keV

<< 92-U-235	92-U-236	93-Np-237 >>
<< MT33 ($^3\text{He},n+t$)	MT42 ($^3\text{He},3n+p$) or MT5 (Np235 production)	MT154 ($^3\text{He},2n+t$) >>



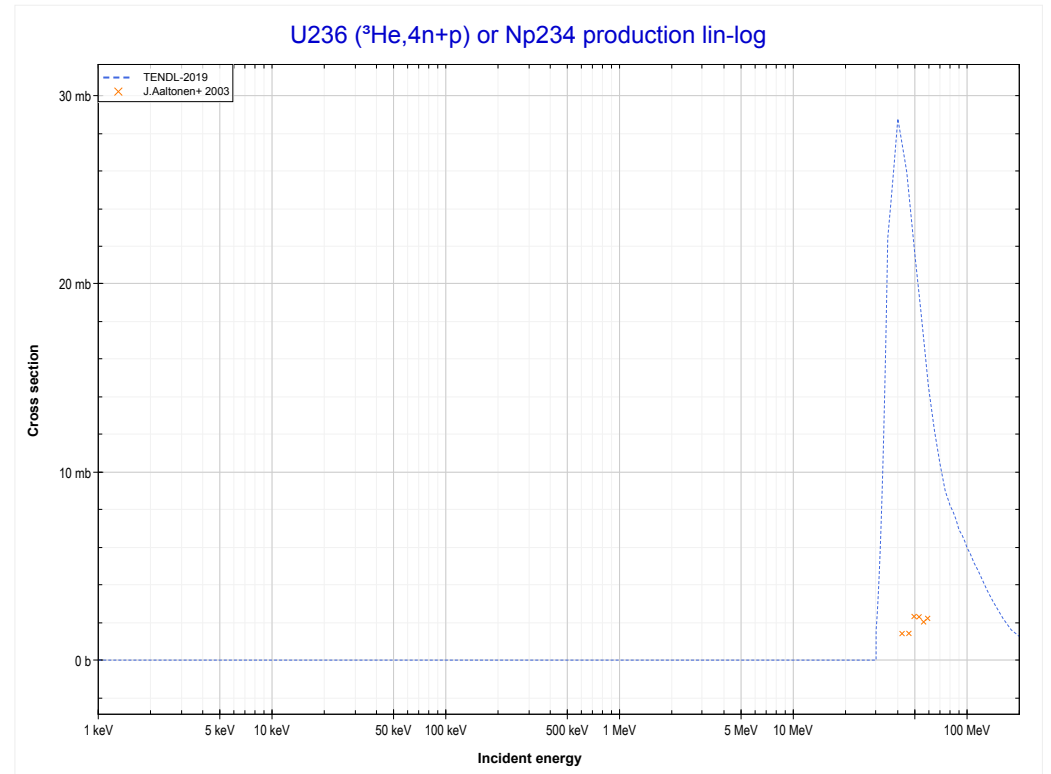
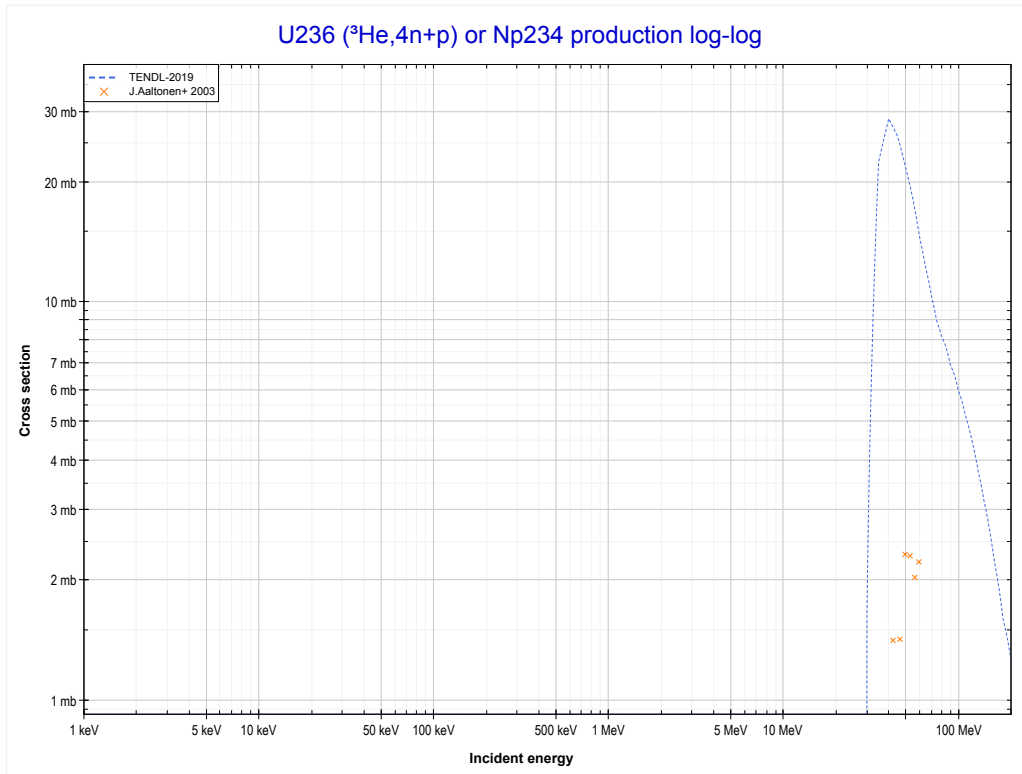
Reaction	Q-Value
U236($\text{He}3,n+t$)Np235	-6688.41 keV
U236($\text{He}3,2n+d$)Np235	-12945.64 keV
U236($\text{He}3,3n+p$)Np235	-15170.20 keV

<< 27-Co-59	92-U-236	
<< MT42 (³ He,3n+p)	MT154 (³He,2n+t) or MT5 (Np234 production)	MT156 (³ He,4n+p) >>



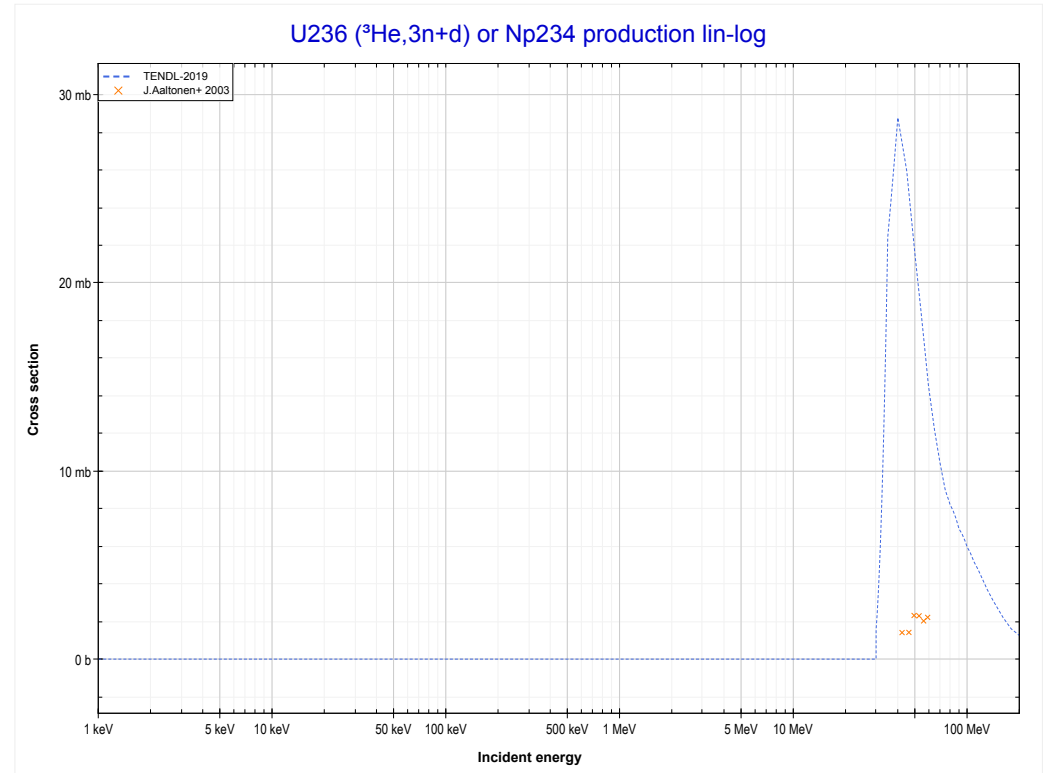
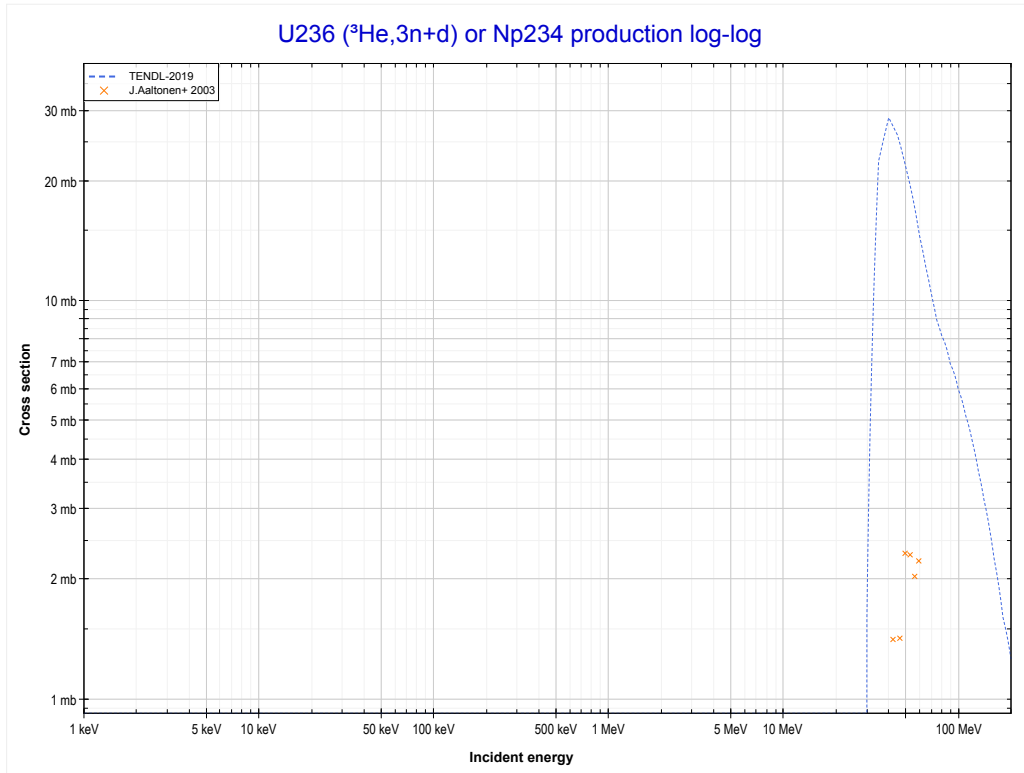
Reaction	Q-Value
U236(He3,2n+t)Np234	-13671.63 keV
U236(He3,3n+d)Np234	-19928.86 keV
U236(He3,4n+p)Np234	-22153.42 keV

<< 27-Co-59	92-U-236	
<< MT154 ($^3\text{He},2n+t$)	MT156 ($^3\text{He},4n+p$) or MT5 (Np234 production)	MT157 ($^3\text{He},3n+d$) >>



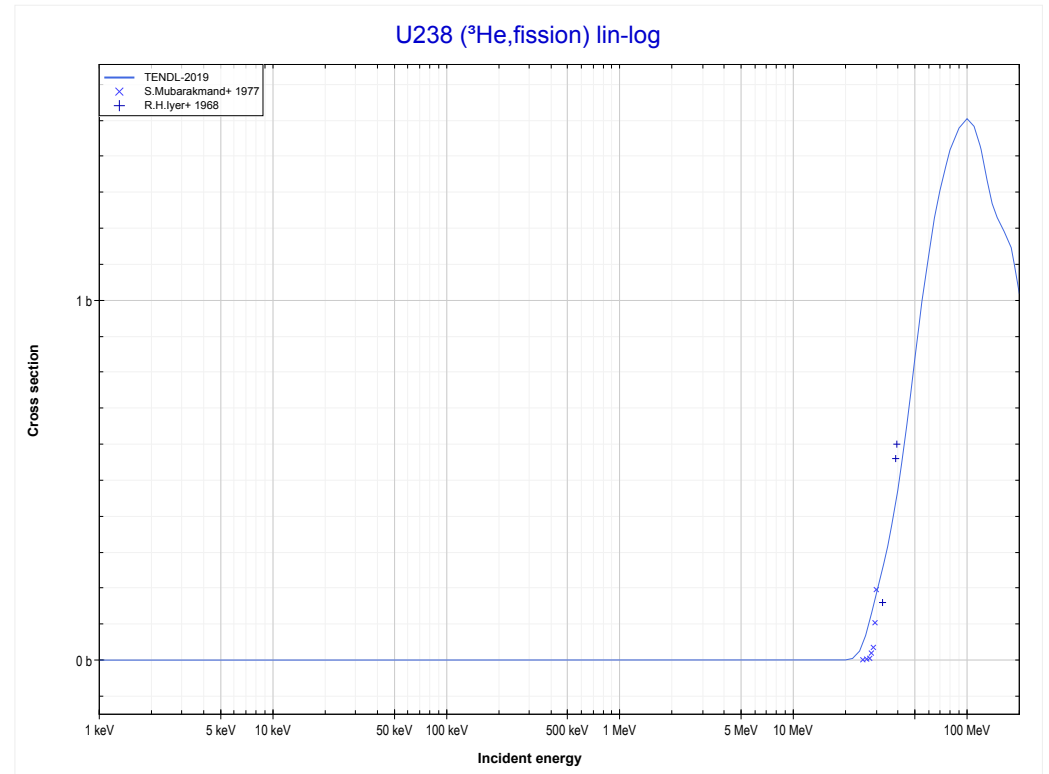
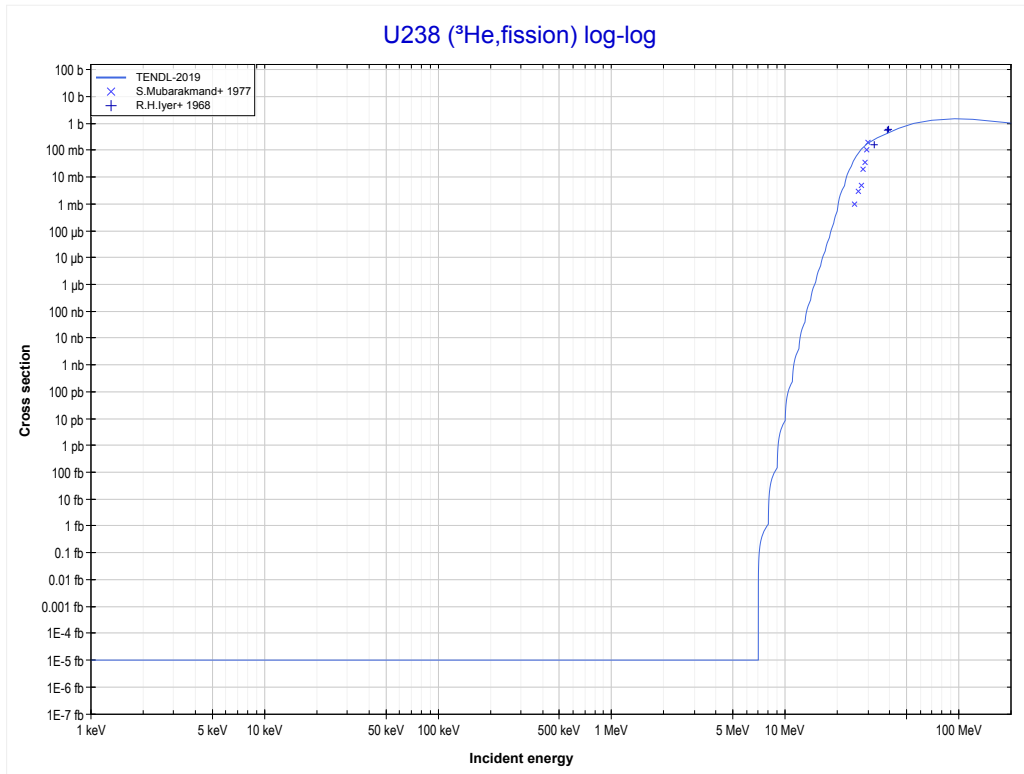
Reaction	Q-Value
U236(He3,2n+t)Np234	-13671.63 keV
U236(He3,3n+d)Np234	-19928.86 keV
U236(He3,4n+p)Np234	-22153.42 keV

<< 27-Co-59	92-U-236	
<< MT156 (³ He,4n+p)	MT157 (³He,3n+d) or MT5 (Np234 production)	92-U-238 MT18 (³ He,fission) >>

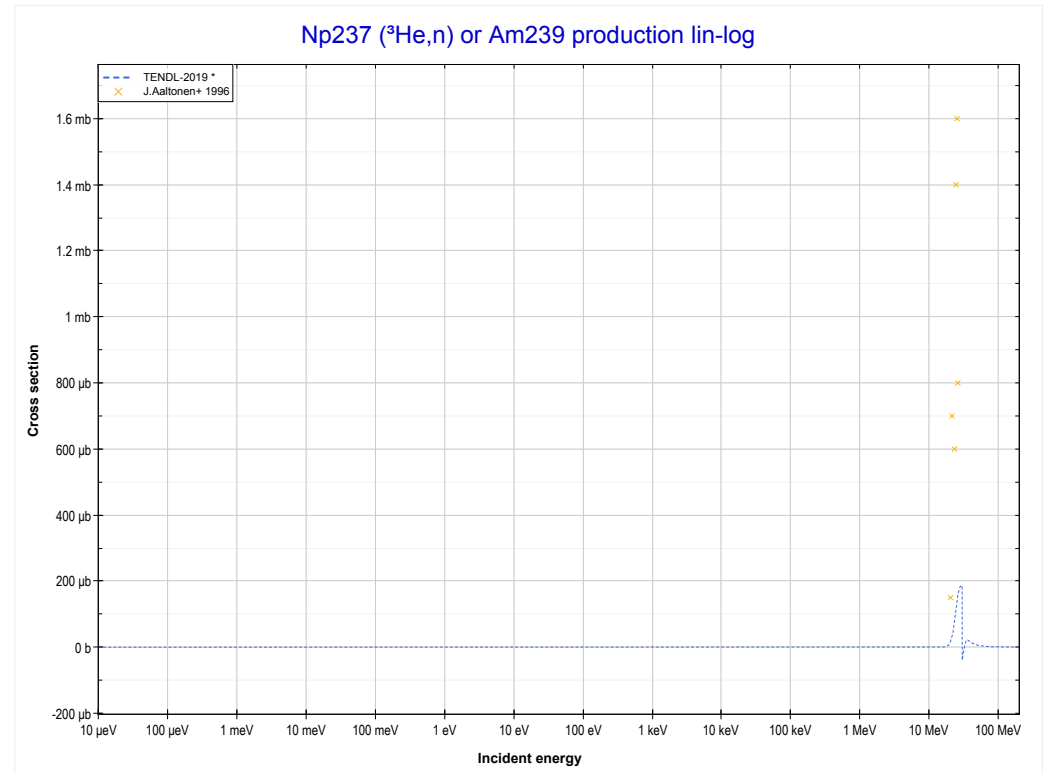
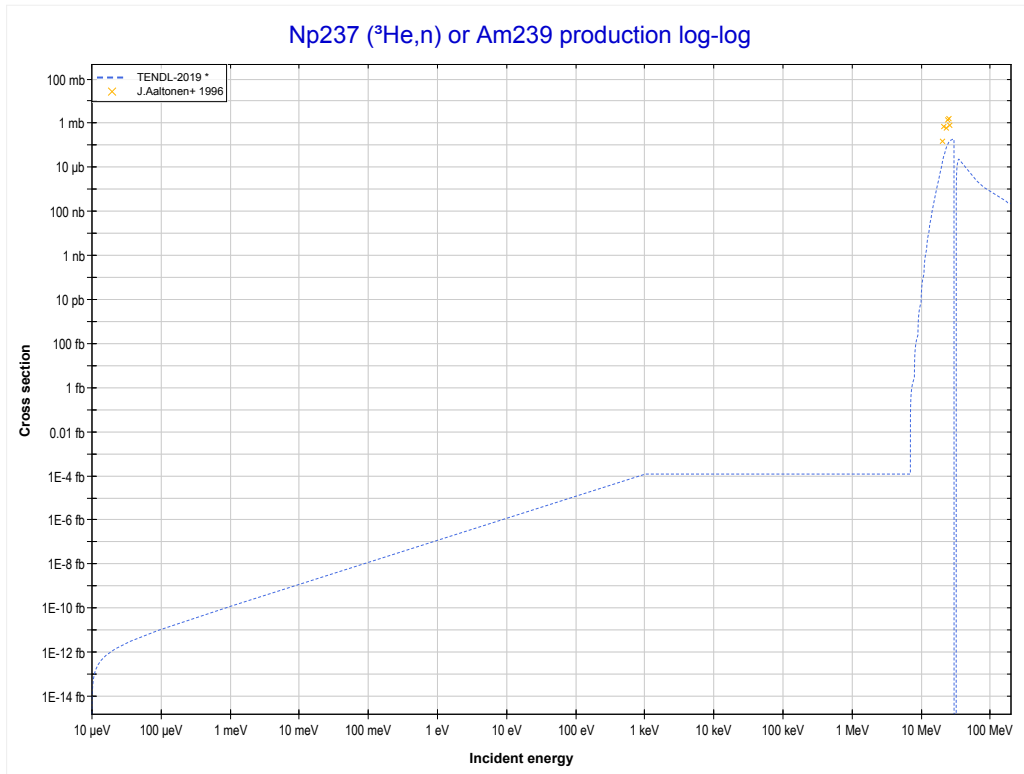


Reaction	Q-Value
U236(He3,2n+t)Np234	-13671.63 keV
U236(He3,3n+d)Np234	-19928.86 keV
U236(He3,4n+p)Np234	-22153.42 keV

<< 83-Bi-209	92-U-238	
<< 92-U-236 MT157 (³ He,3n+d)	MT18 (³He,fission)	93-Np-237 MT4 (³ He,n) >>

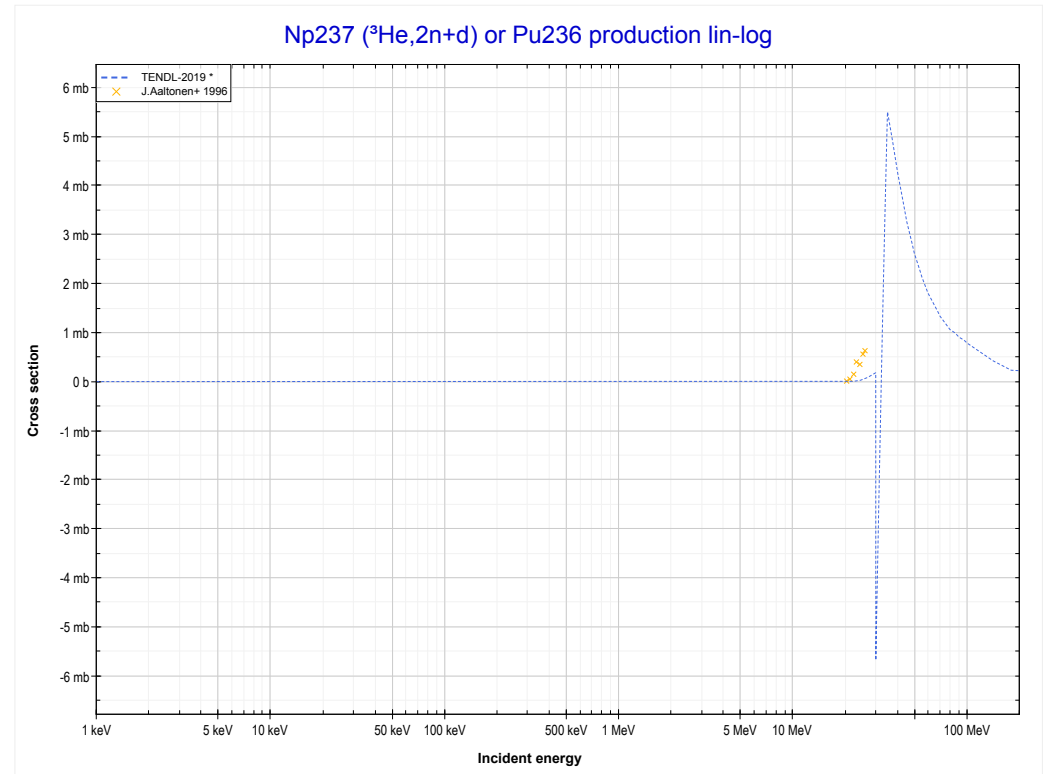
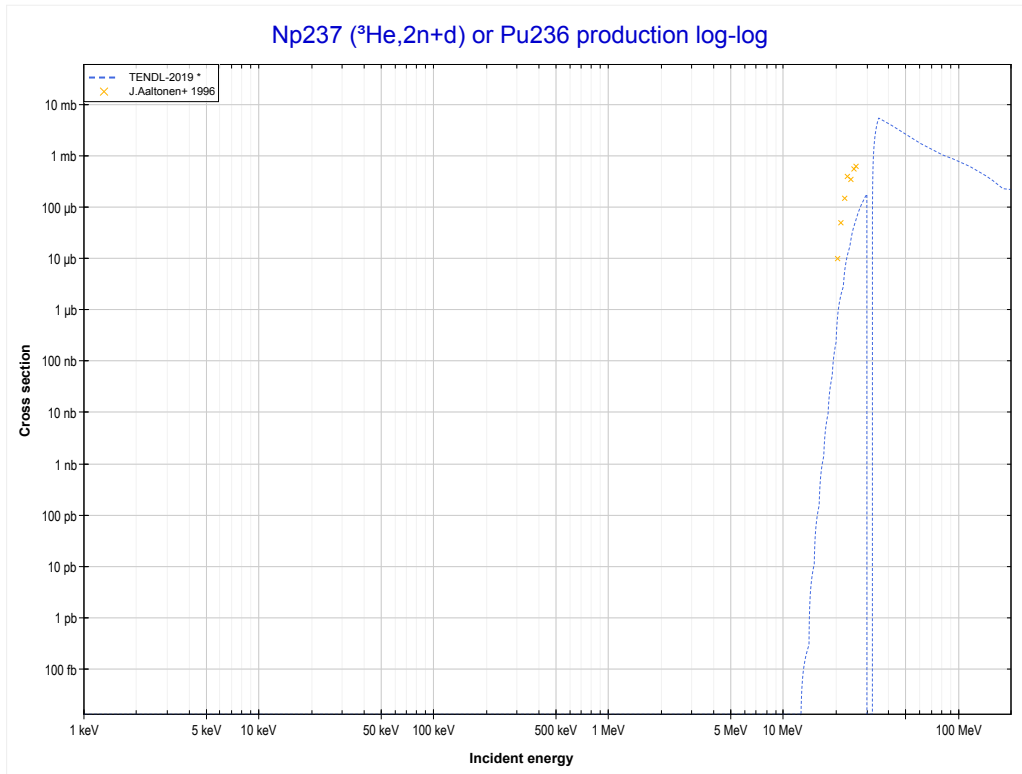


<< 92-U-235	93-Np-237	
<< 92-U-238 MT18 (³ He,fission)	MT4 (³He,n) or MT5 (Am239 production)	MT11 (³ He,2n+d) >>



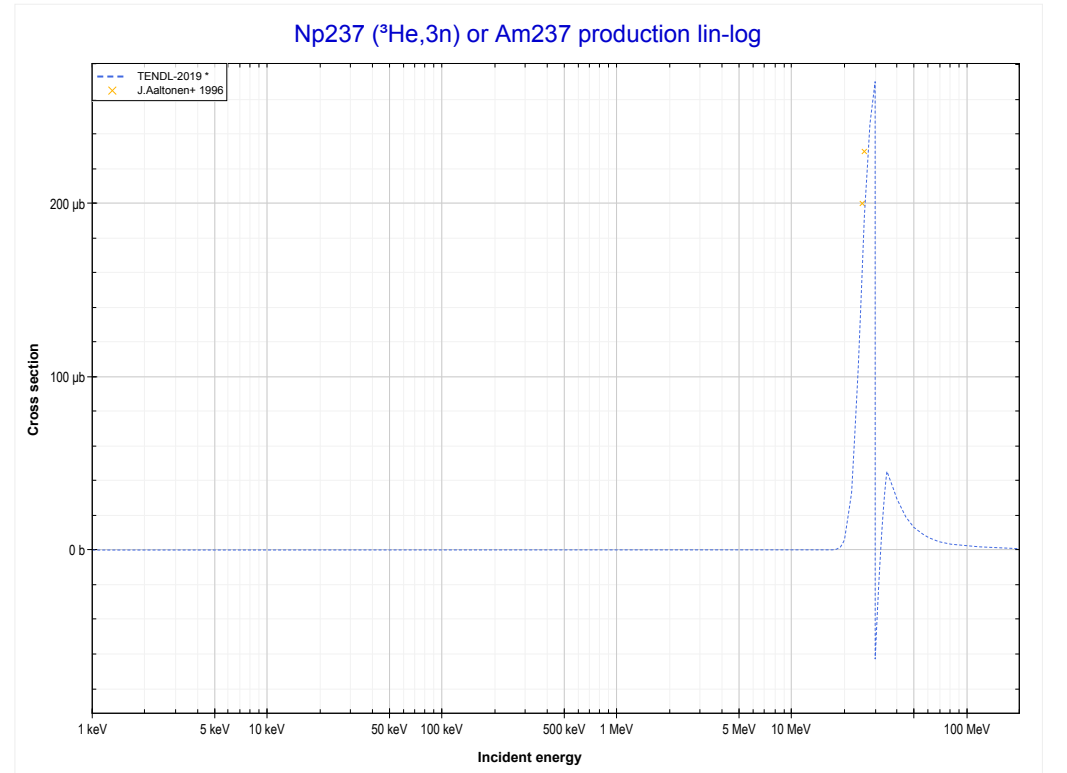
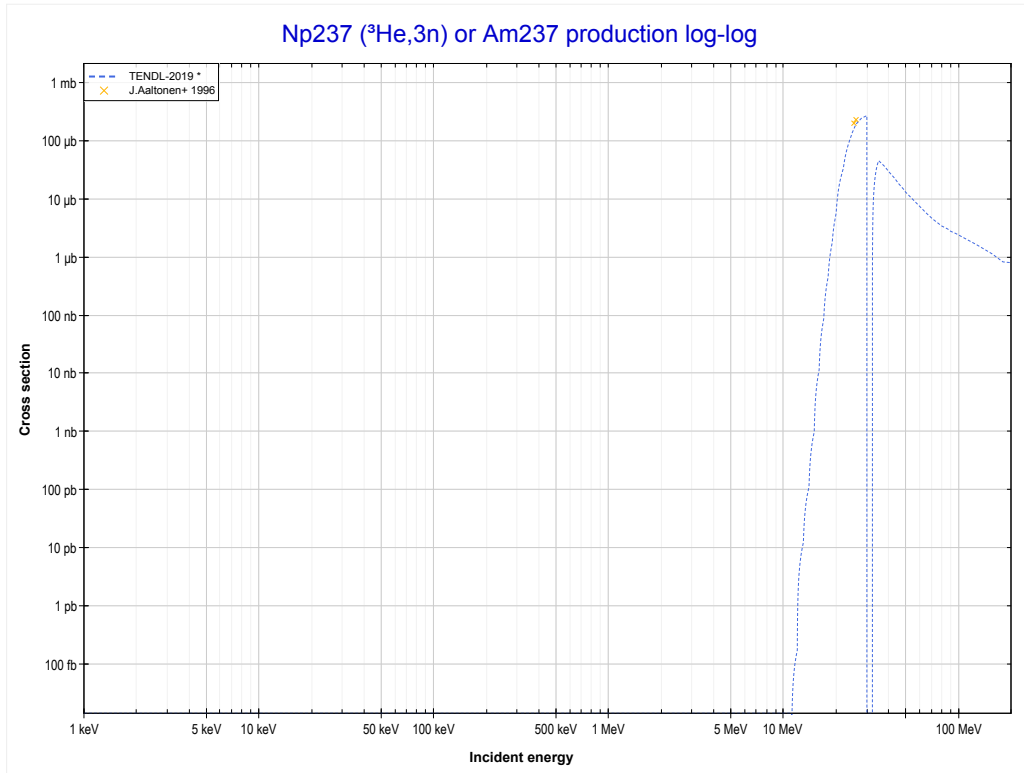
Reaction	Q-Value
Np237(He3,n)Am239	2341.20 keV

<< 92-U-236	93-Np-237	
<< MT4 (³ He,n)	MT11 (³He,2n+d) or MT5 (Pu236 production)	MT17 (³ He,3n) >>



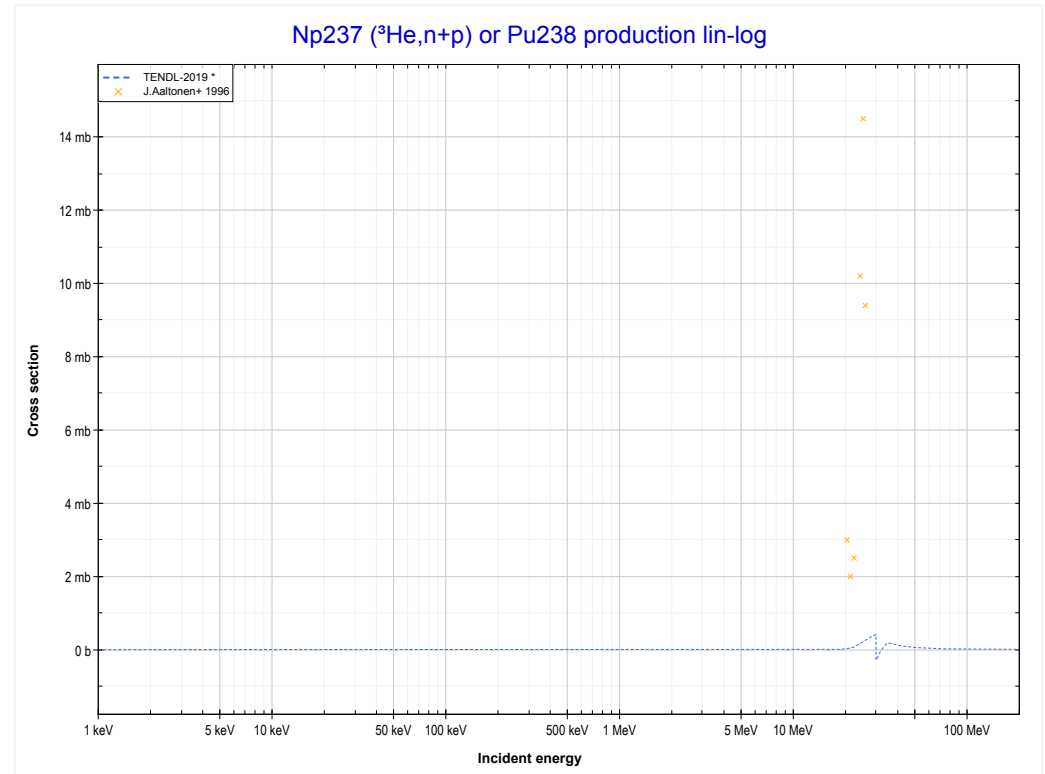
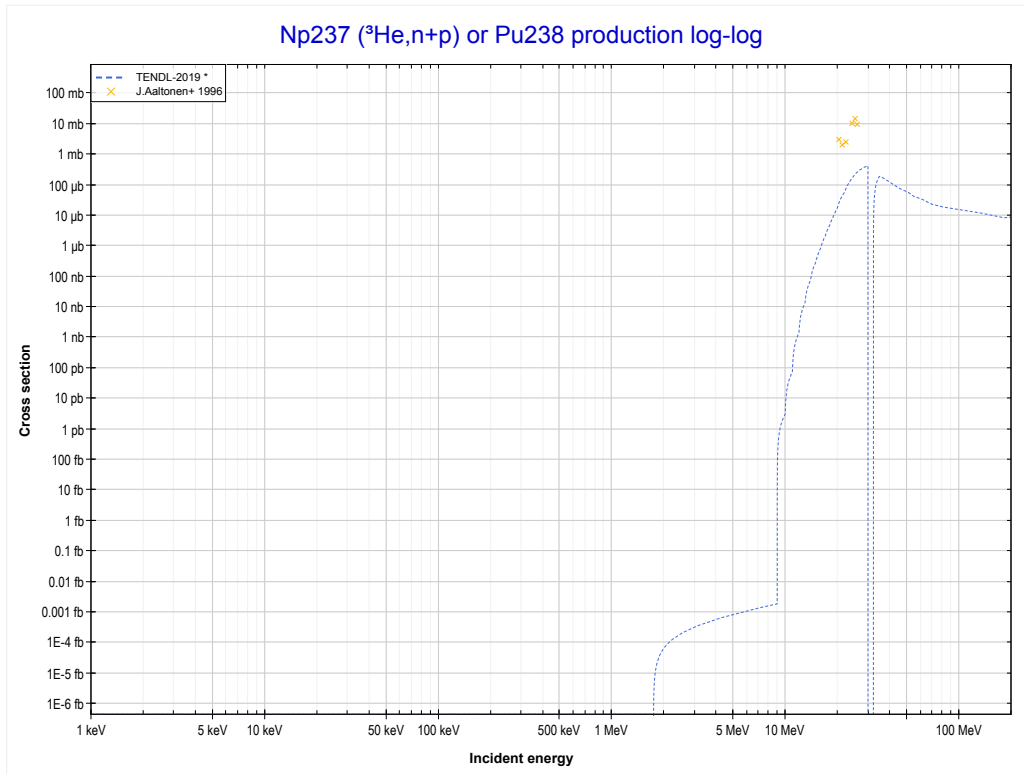
Reaction	Q-Value
Np237(He3,n+t)Pu236	-6119.81 keV
Np237(He3,2n+d)Pu236	-12377.04 keV
Np237(He3,3n+p)Pu236	-14601.60 keV

<< 90-Th-230	93-Np-237	
<< MT11 ($^3\text{He},2n+d$)	MT17 ($^3\text{He},3n$) or MT5 (Am237 production)	MT28 ($^3\text{He},n+p$) >>



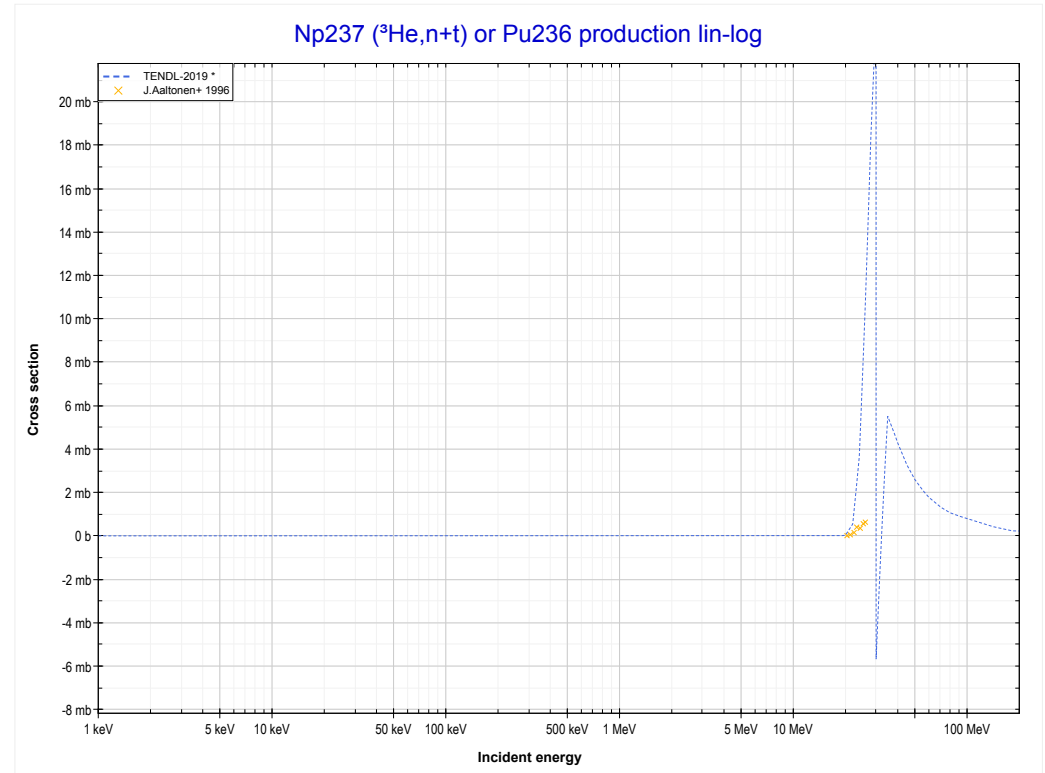
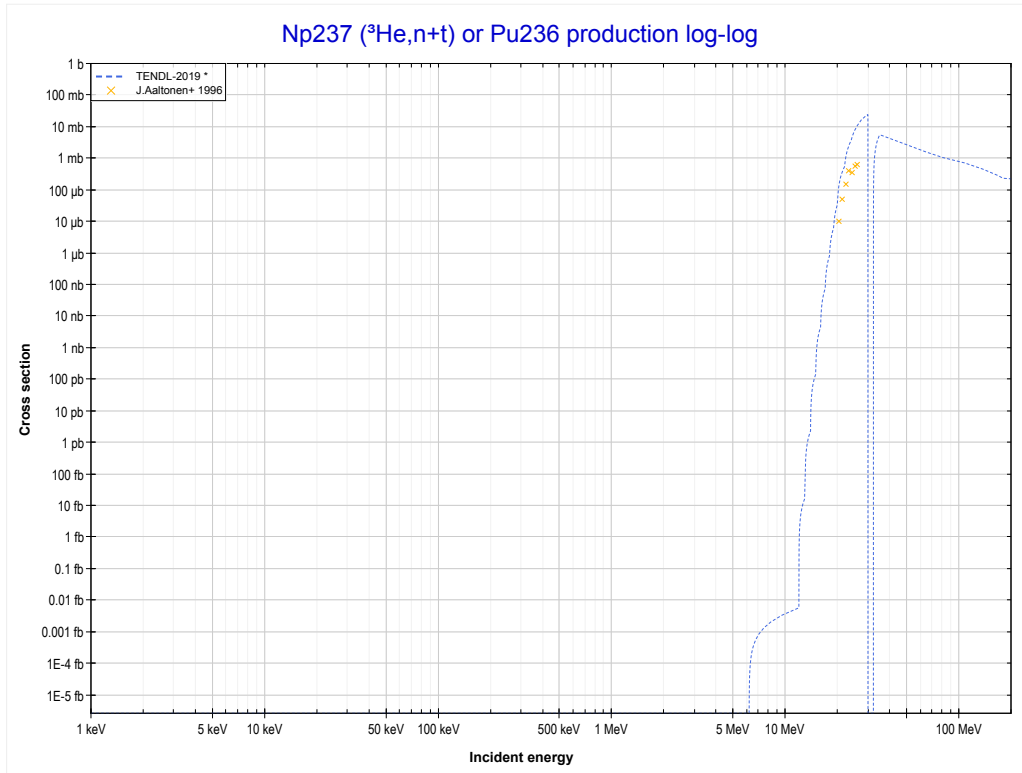
Reaction	Q-Value
Np237(He3,3n)Am237	-10981.03 keV

<< 83-Bi-209	93-Np-237	
<< MT17 (³ He,3n)	MT28 (³He,n+p) or MT5 (Pu238 production)	MT33 (³ He,n+t) >>



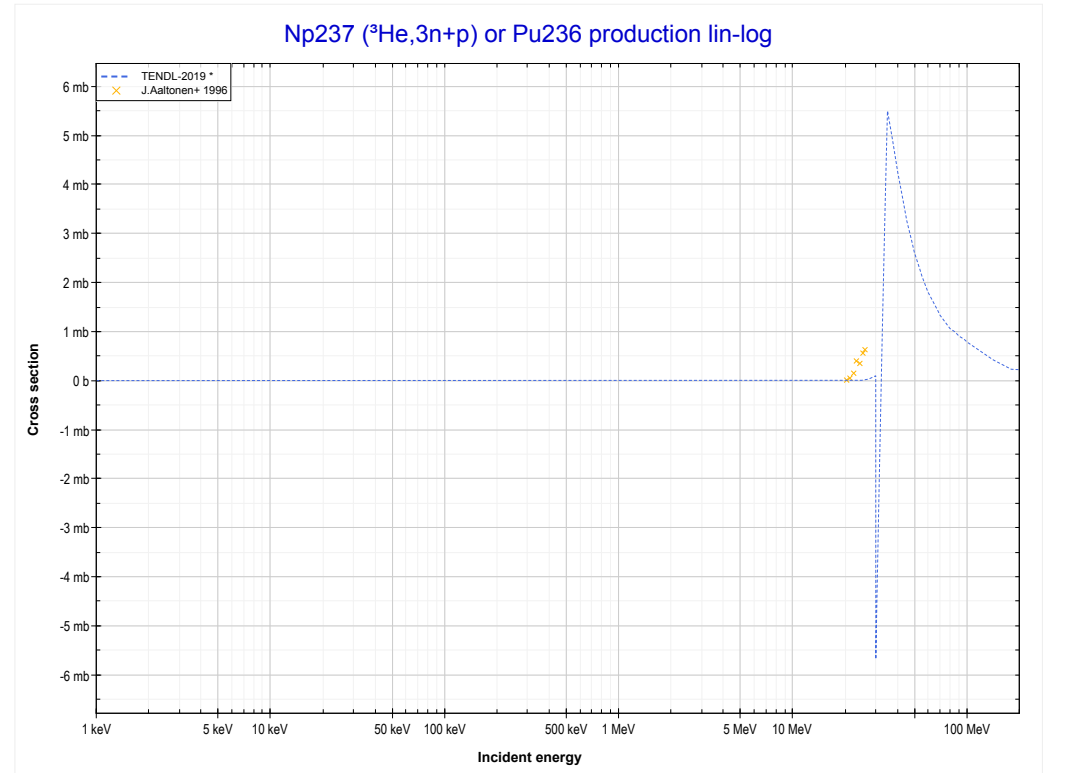
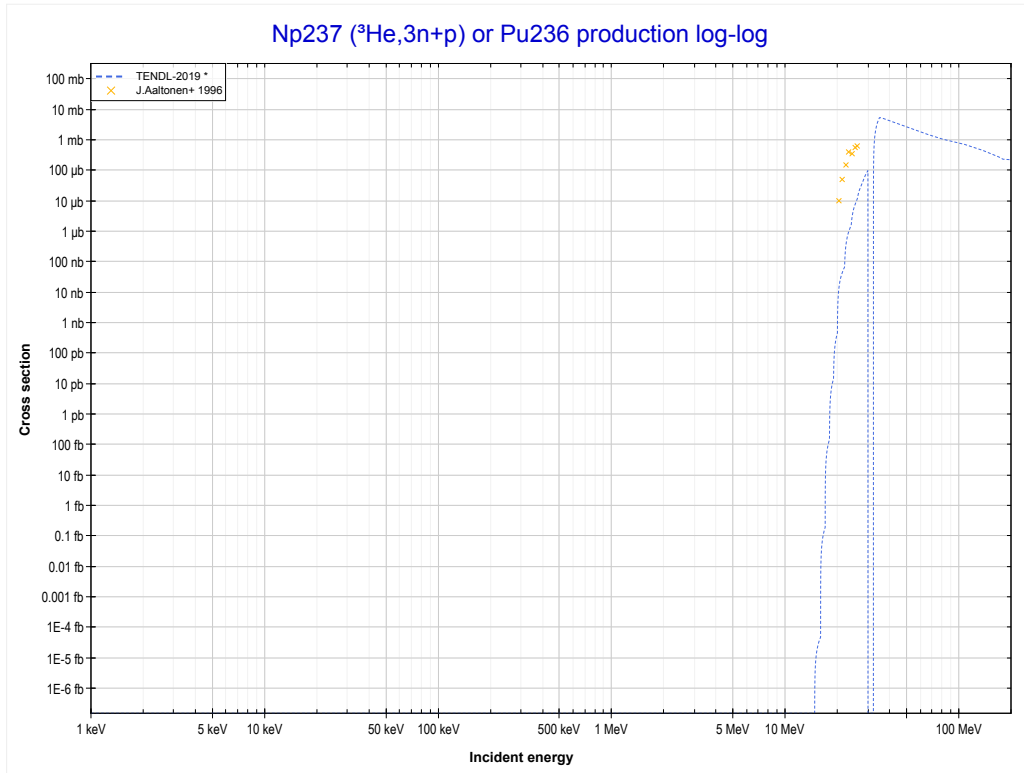
Reaction	Q-Value
Np237(He3,d)Pu238	504.00 keV
Np237(He3,n+p)Pu238	-1720.57 keV

<< 92-U-236	93-Np-237	
<< MT28 ($^3\text{He},n+p$)	MT33 ($^3\text{He},n+t$) or MT5 (Pu236 production)	MT42 ($^3\text{He},3n+p$) >>



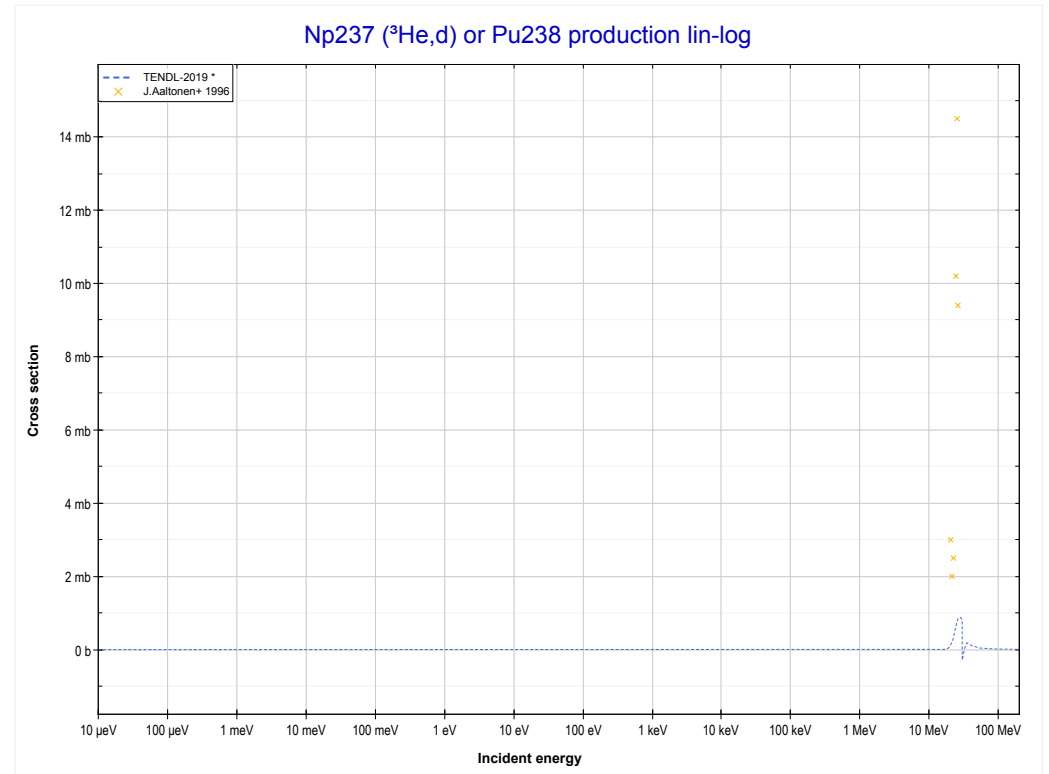
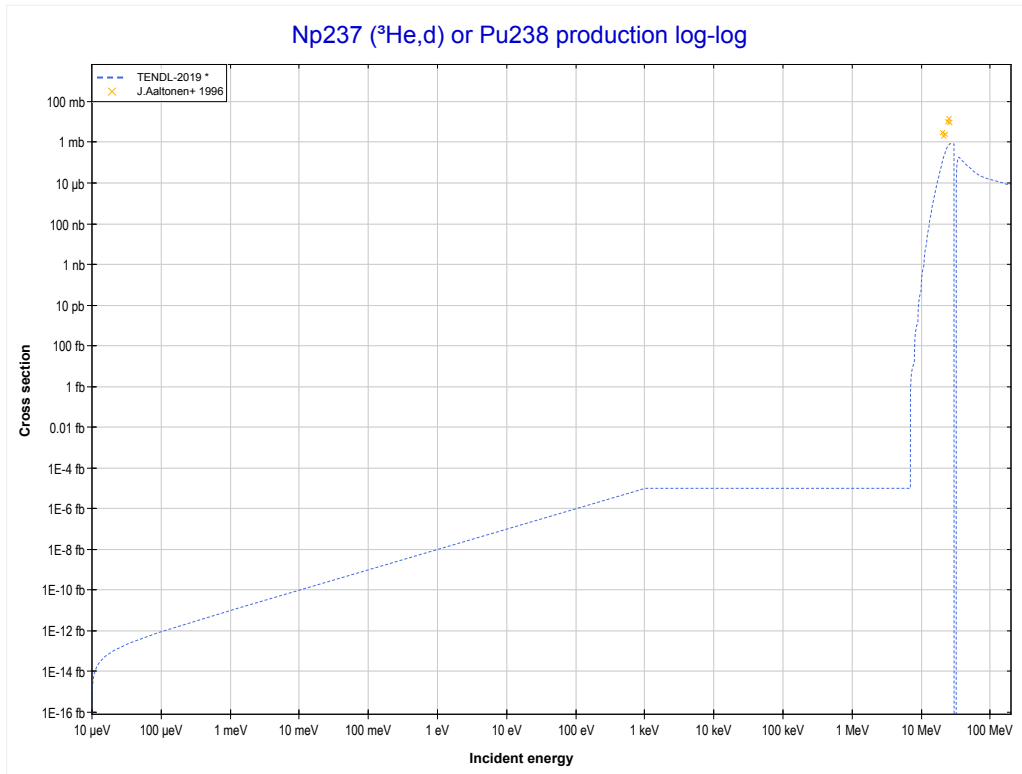
Reaction	Q-Value
Np237(He3,n+t)Pu236	-6119.81 keV
Np237(He3,2n+d)Pu236	-12377.04 keV
Np237(He3,3n+p)Pu236	-14601.60 keV

<< 92-U-236	93-Np-237	
<< MT33 ($^3\text{He},n+t$)	MT42 ($^3\text{He},3n+p$) or MT5 (Pu236 production)	MT104 ($^3\text{He},d$) >>



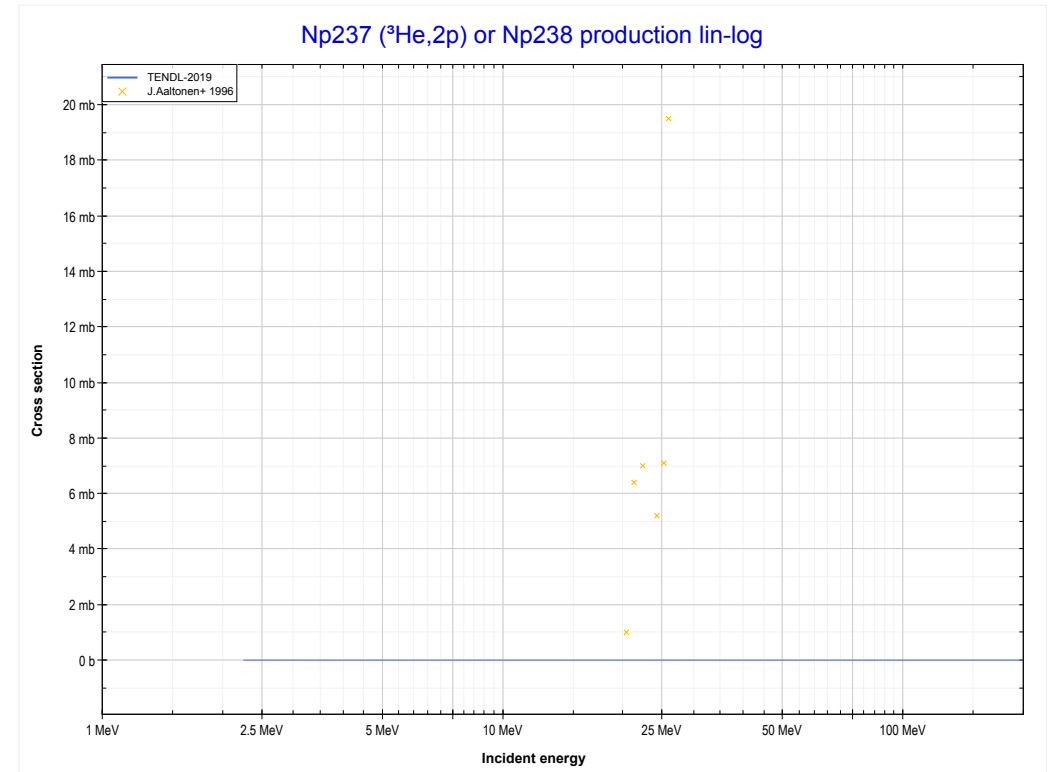
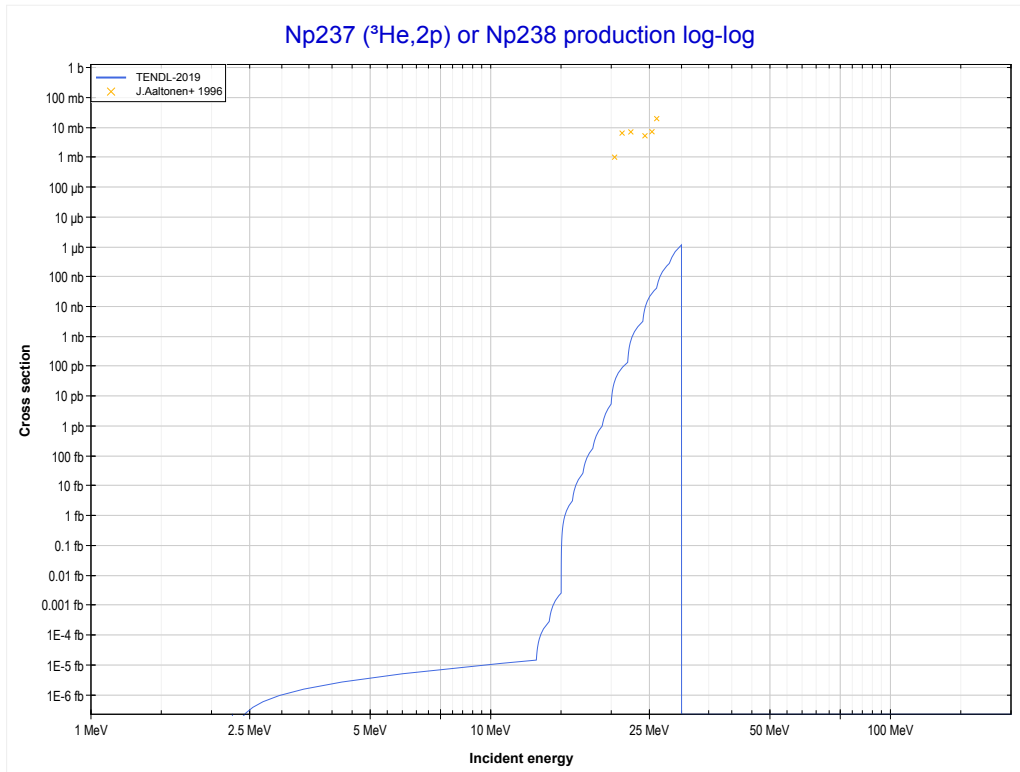
Reaction	Q-Value
Np237(He3,n+t)Pu236	-6119.81 keV
Np237(He3,2n+d)Pu236	-12377.04 keV
Np237(He3,3n+p)Pu236	-14601.60 keV

<< 83-Bi-209	93-Np-237	
<< MT42 (³ He,3n+p)	MT104 (³He,d) or MT5 (Pu238 production)	MT111 (³ He,2p) >>



Reaction	Q-Value
Np237(He3,d)Pu238	504.00 keV
Np237(He3,n+p)Pu238	-1720.57 keV

<< 79-Au-197	93-Np-237	
<< MT104 (³ He,d)	MT111 (³He,2p) or MT5 (Np238 production)	



Reaction	Q-Value
Np237(He3,2p)Np238	-2229.72 keV