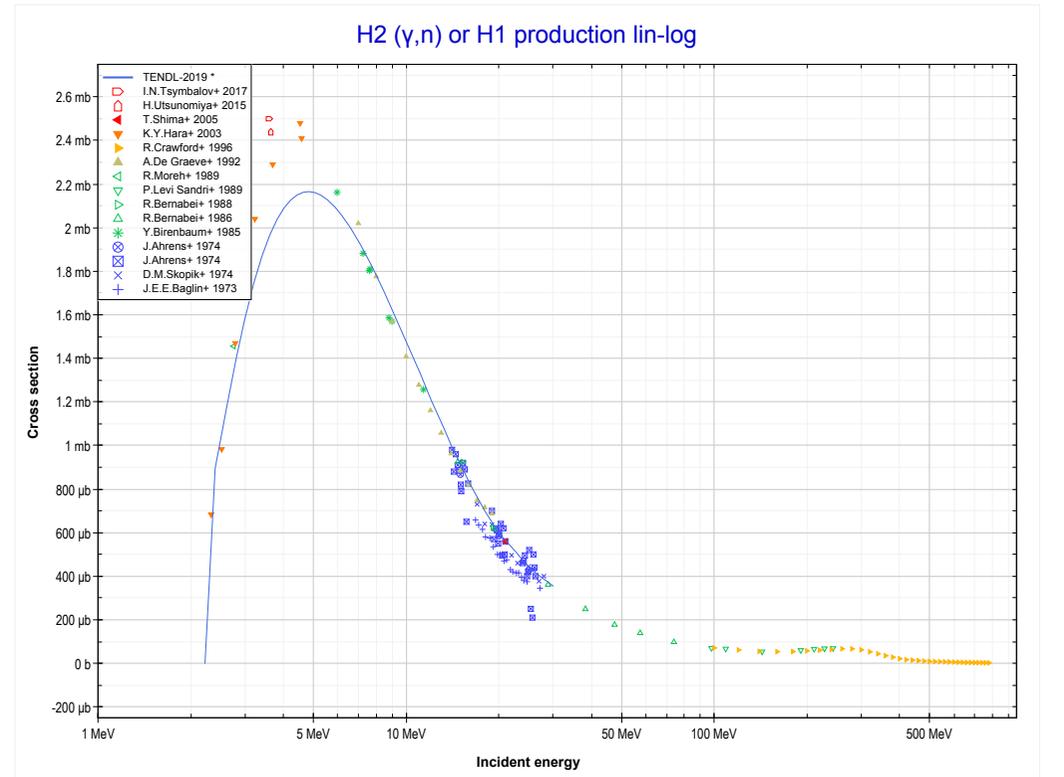
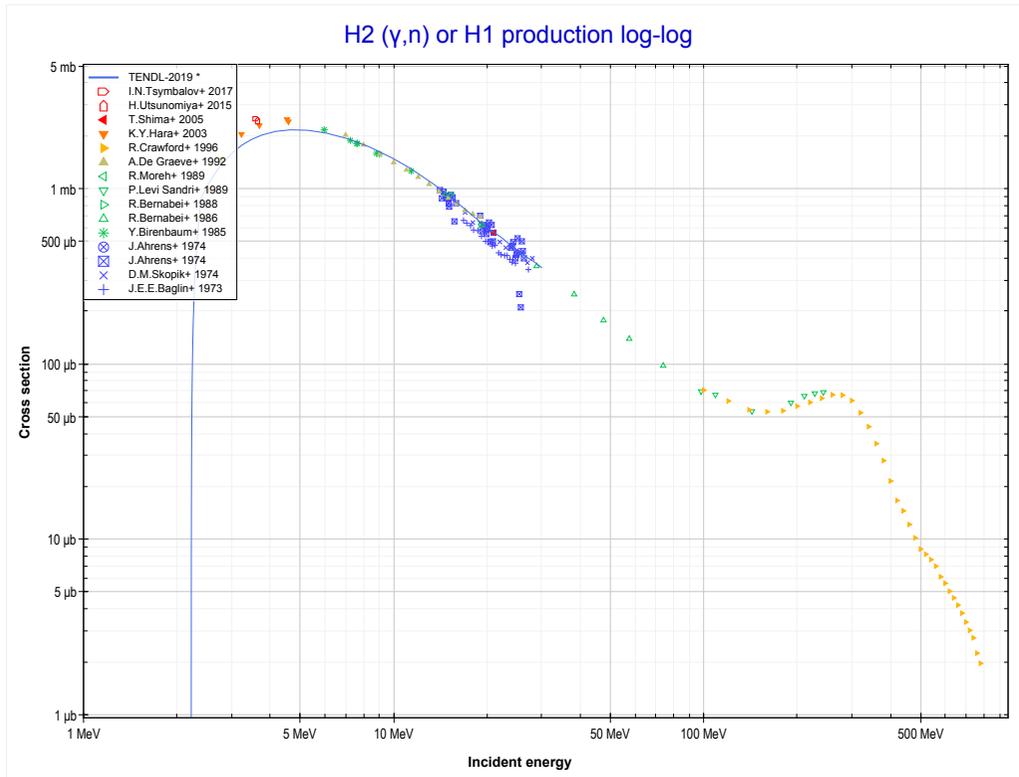
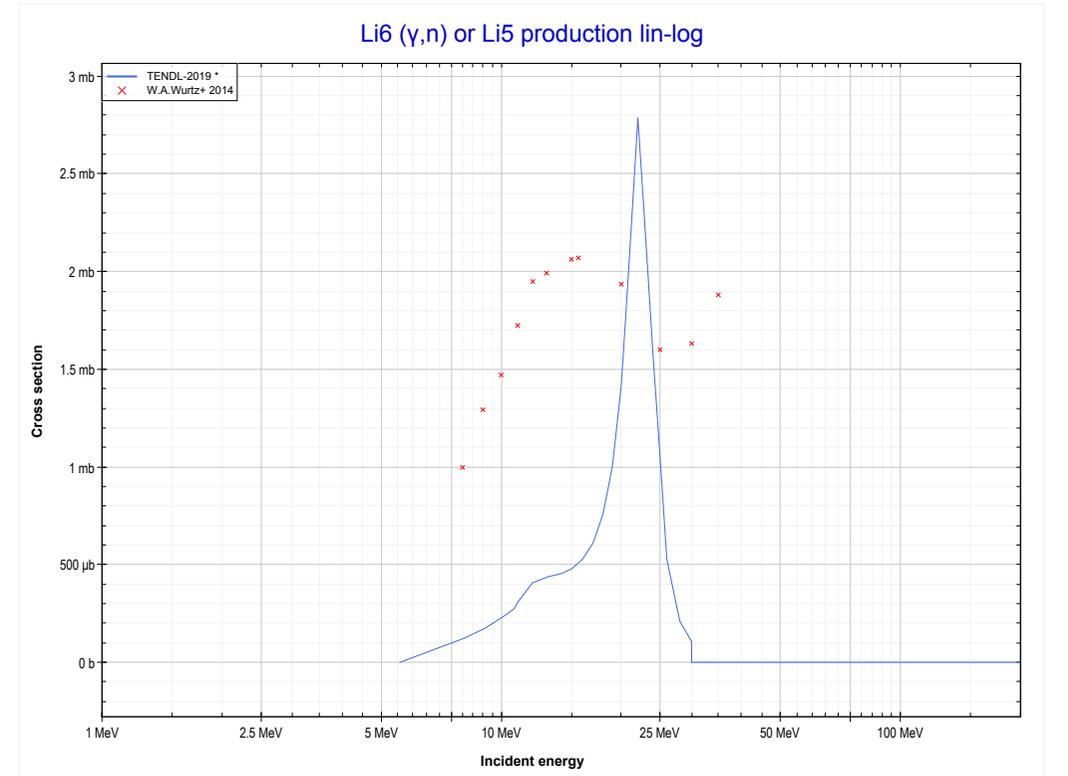
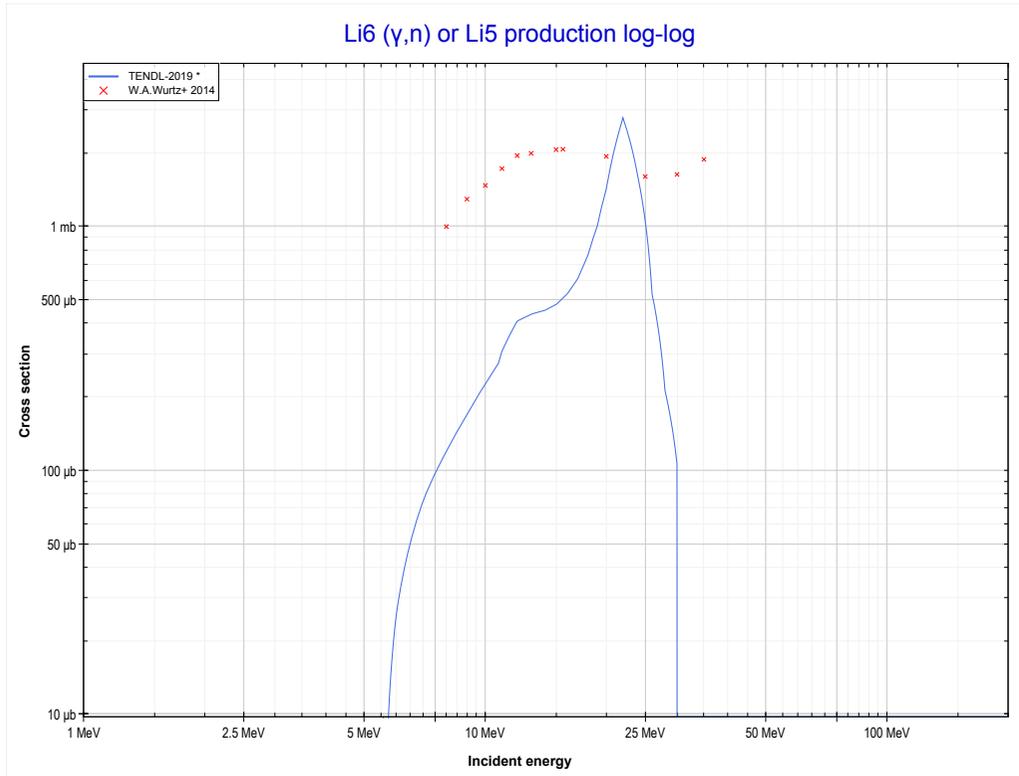


	1-H-2	3-Li-6 >>
	MT4 (γ,n) or MT5 (H1 production)	3-Li-6 MT4 (γ,n) >>



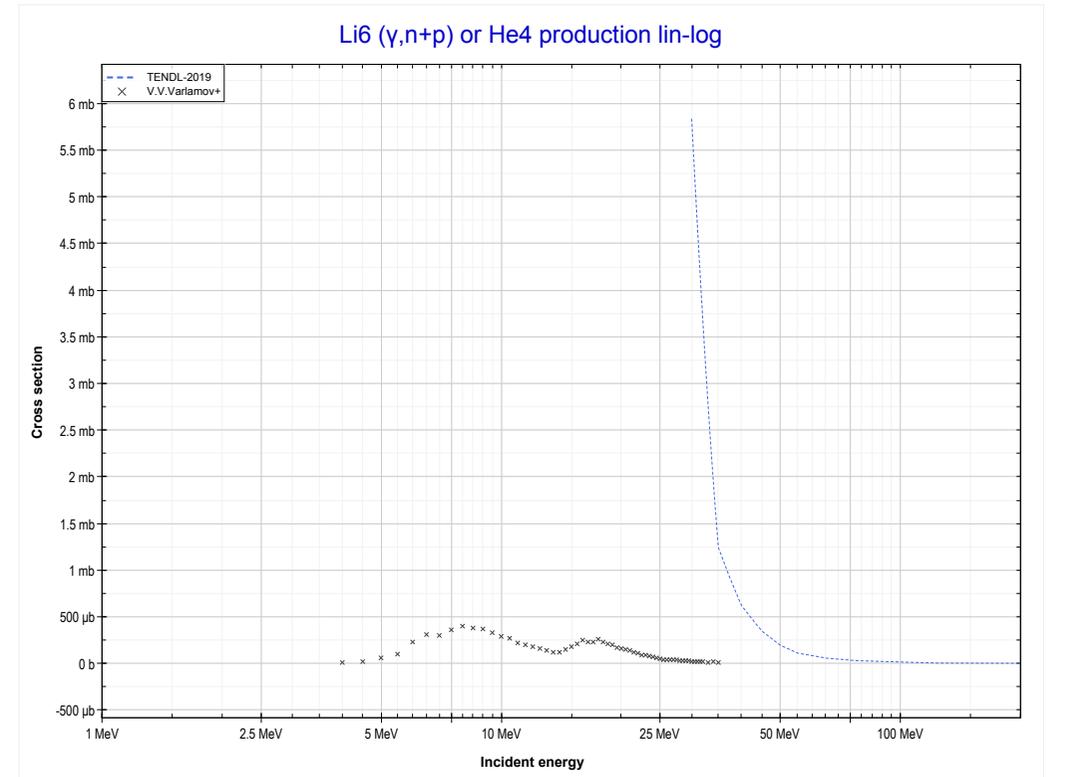
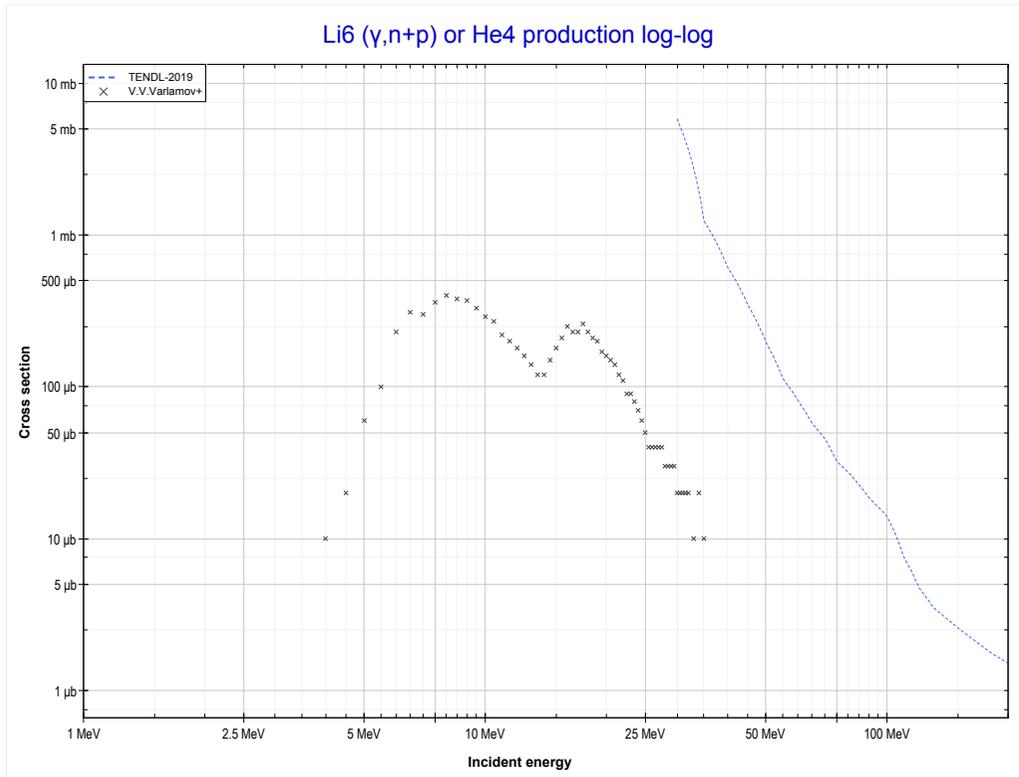
Reaction	Q-Value
H2(γ,n)H1	-2224.57 keV

<< 1-H-2	3-Li-6	3-Li-7 >>
<< 1-H-2 MT4 (γ,n)	MT4 (γ,n) or MT5 (Li5 production)	MT28 ($\gamma,n+p$) >>



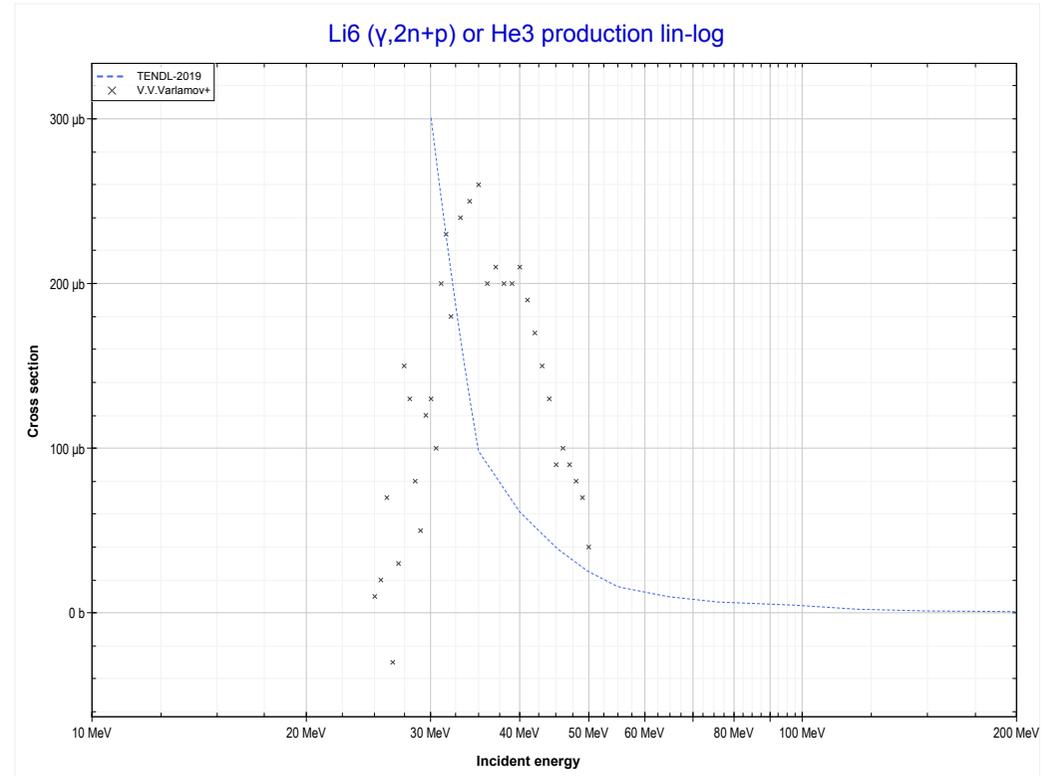
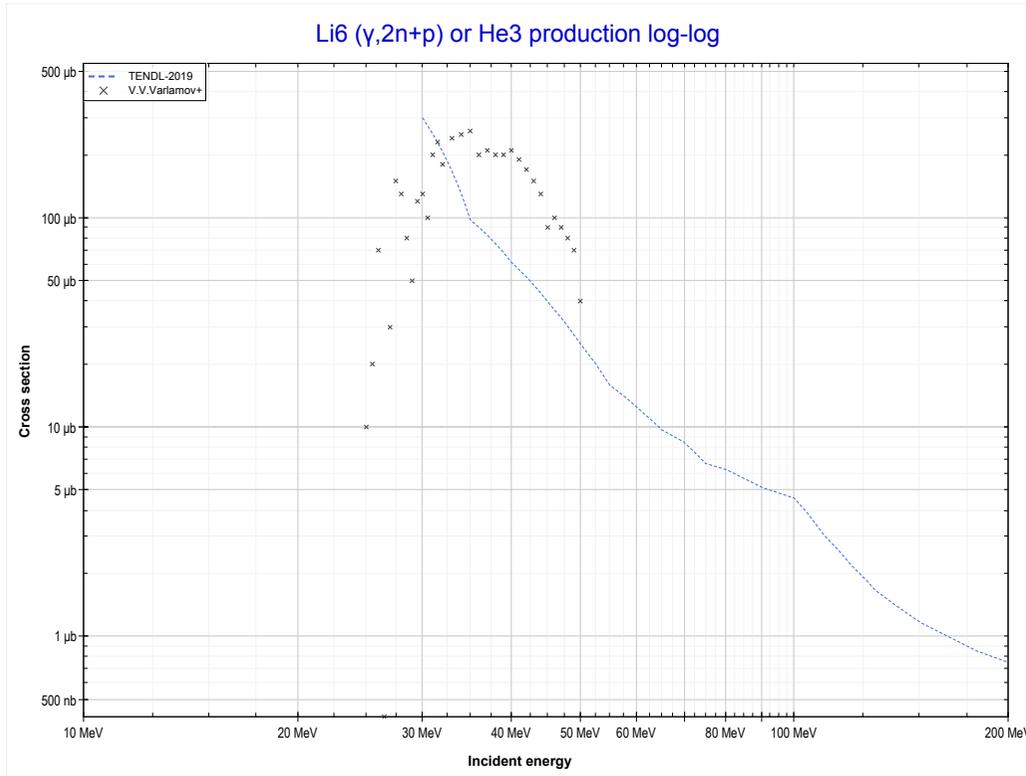
Reaction	Q-Value
${}^6\text{Li}(\gamma,n){}^5\text{Li}$	-5664.44 keV

	3-Li-6	6-C-12 >>
<< MT4 (γ, n)	MT28 ($\gamma, n+p$) or MT5 (He4 production)	MT41 ($\gamma, 2n+p$) >>



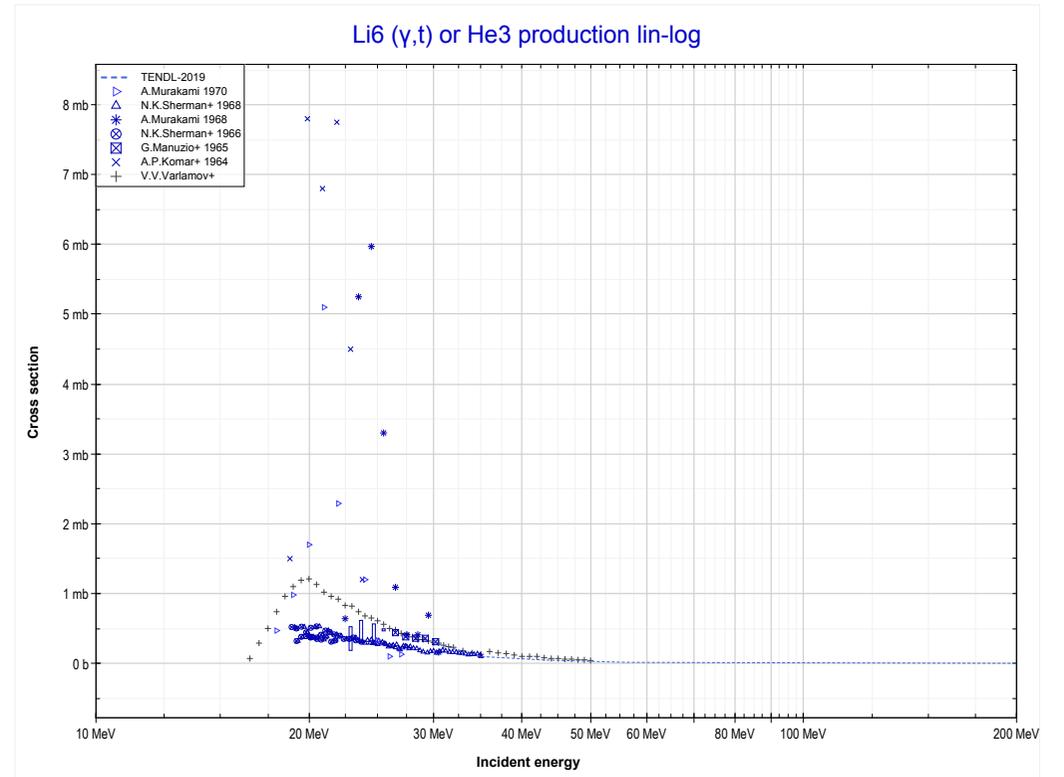
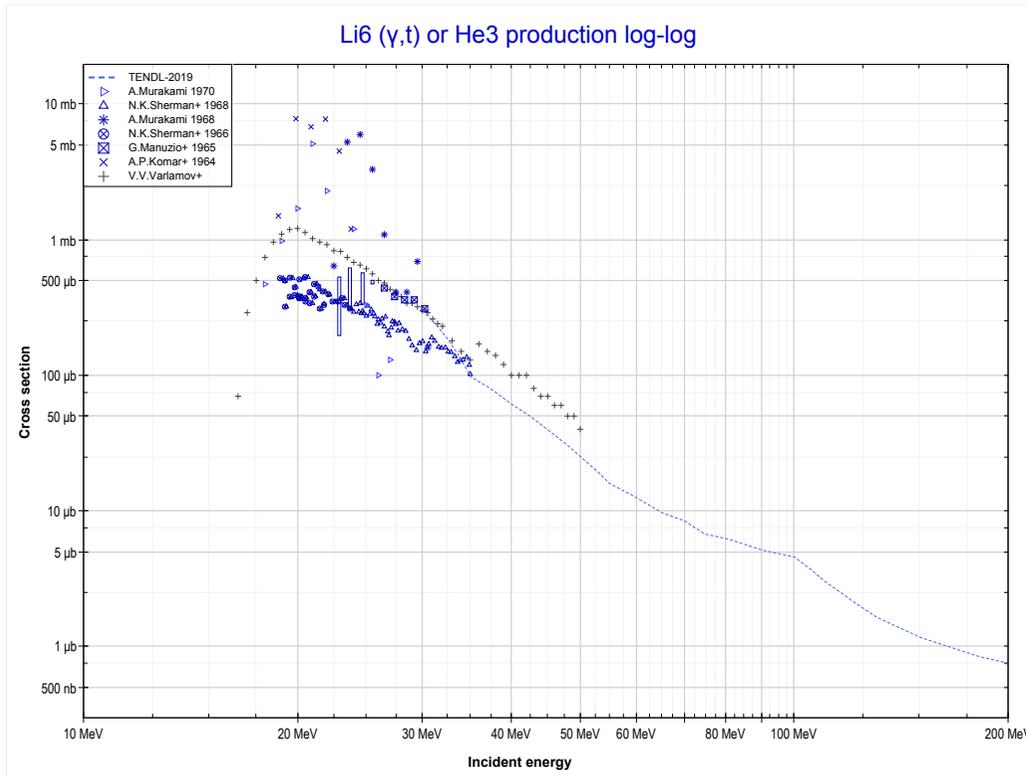
Reaction	Q-Value
Li6(γ, d)He4	-1473.76 keV
Li6($\gamma, n+p$)He4	-3698.32 keV

	3-Li-6	3-Li-7 >>
<< MT28 ($\gamma, n+p$)	MT41 ($\gamma, 2n+p$) or MT5 (He3 production)	MT105 (γ, t) >>



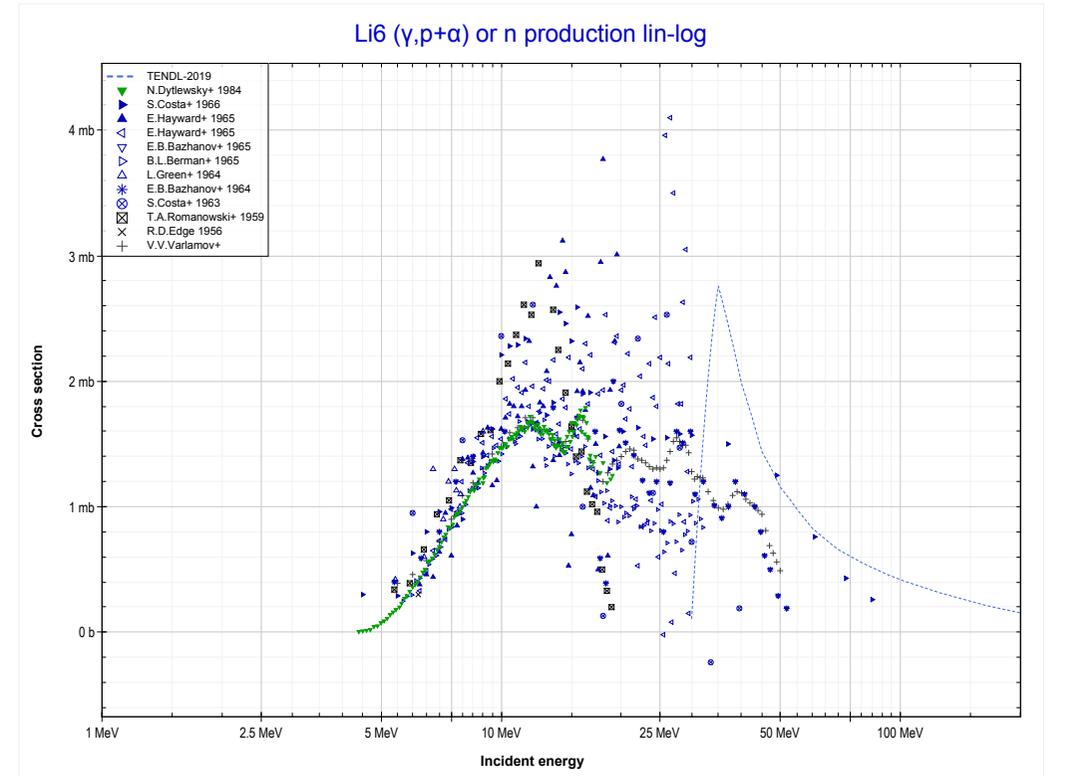
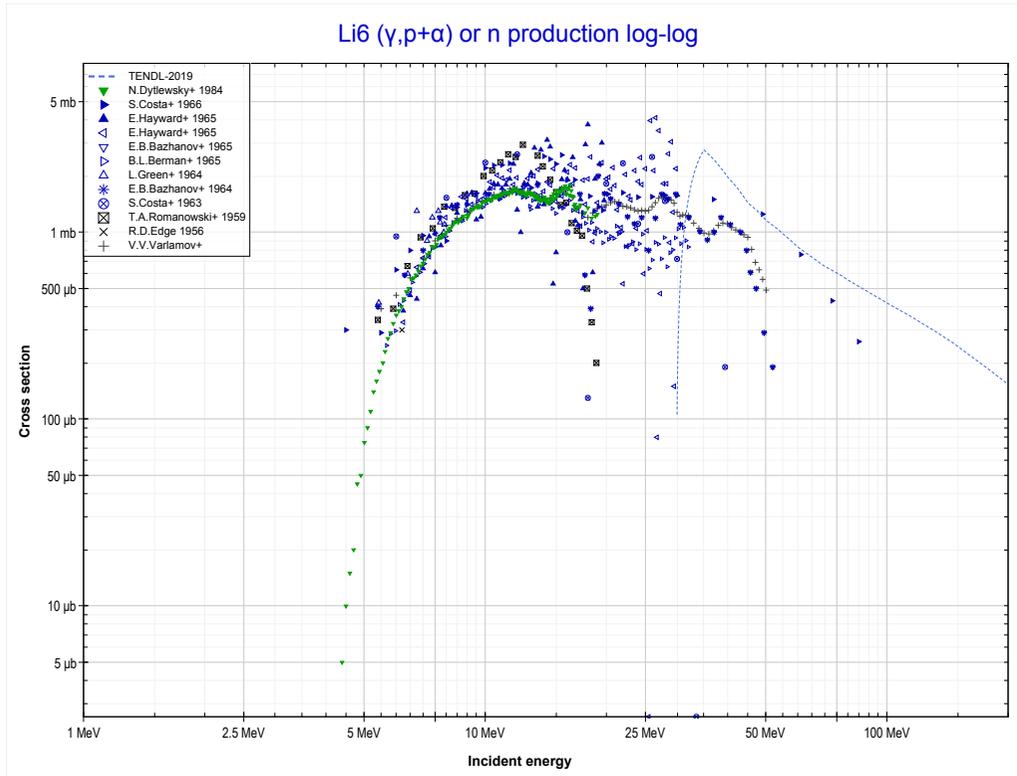
Reaction	Q-Value
Li6(γ, t)He3	-15794.15 keV
Li6($\gamma, n+d$)He3	-22051.38 keV
Li6($\gamma, 2n+p$)He3	-24275.94 keV

	3-Li-6	3-Li-7 >>
<< MT41 ($\gamma,2n+p$)	MT105 (γ,t) or MT5 (He3 production)	MT112 ($\gamma,p+\alpha$) >>



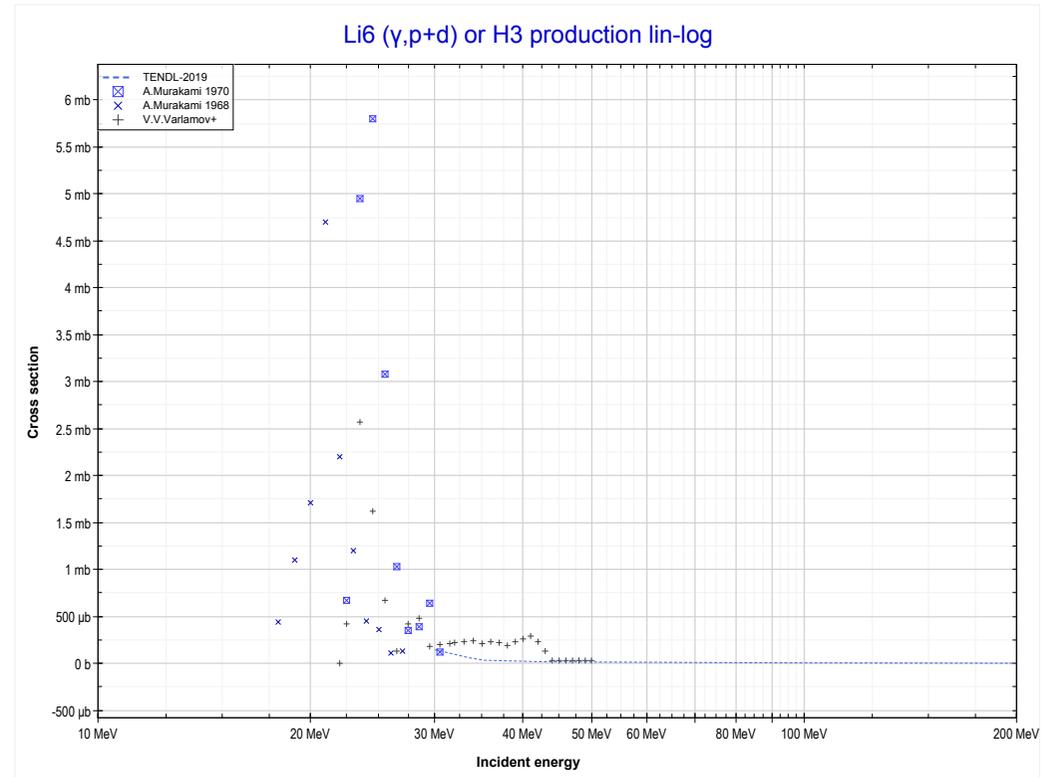
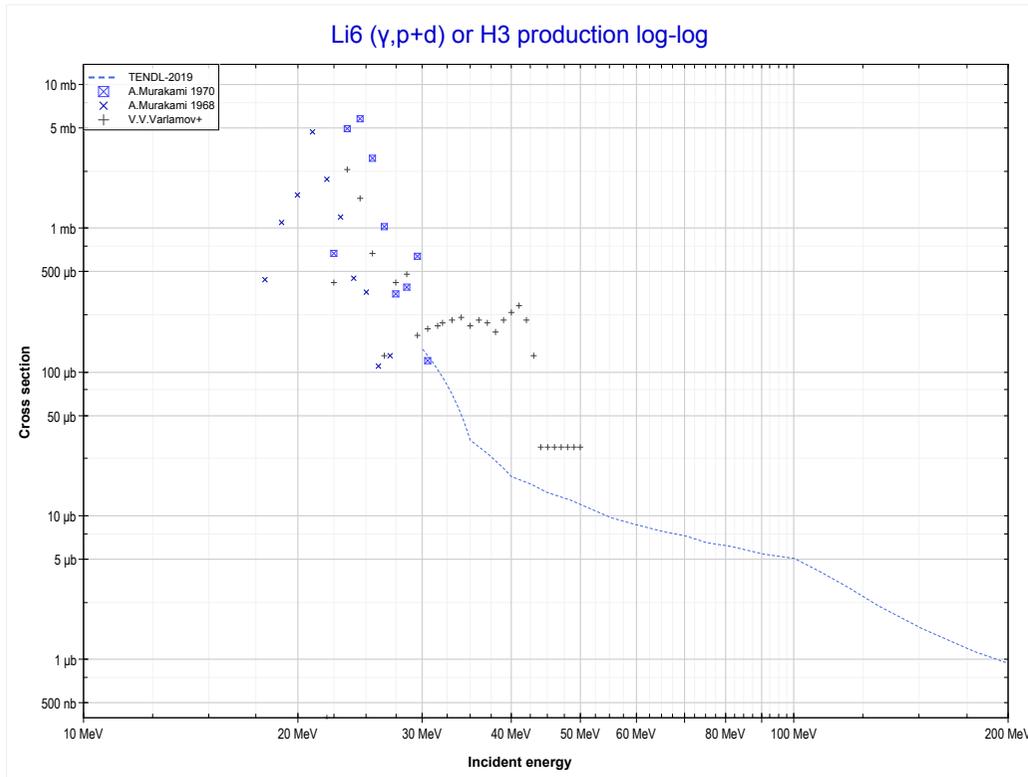
Reaction	Q-Value
Li6(γ,t)He3	-15794.15 keV
Li6($\gamma,n+d$)He3	-22051.38 keV
Li6($\gamma,2n+p$)He3	-24275.94 keV

	3-Li-6	6-C-12 >>
<< MT105 (γ,t)	MT112 ($\gamma,p+\alpha$) or MT5 (n production)	MT115 ($\gamma,p+d$) >>



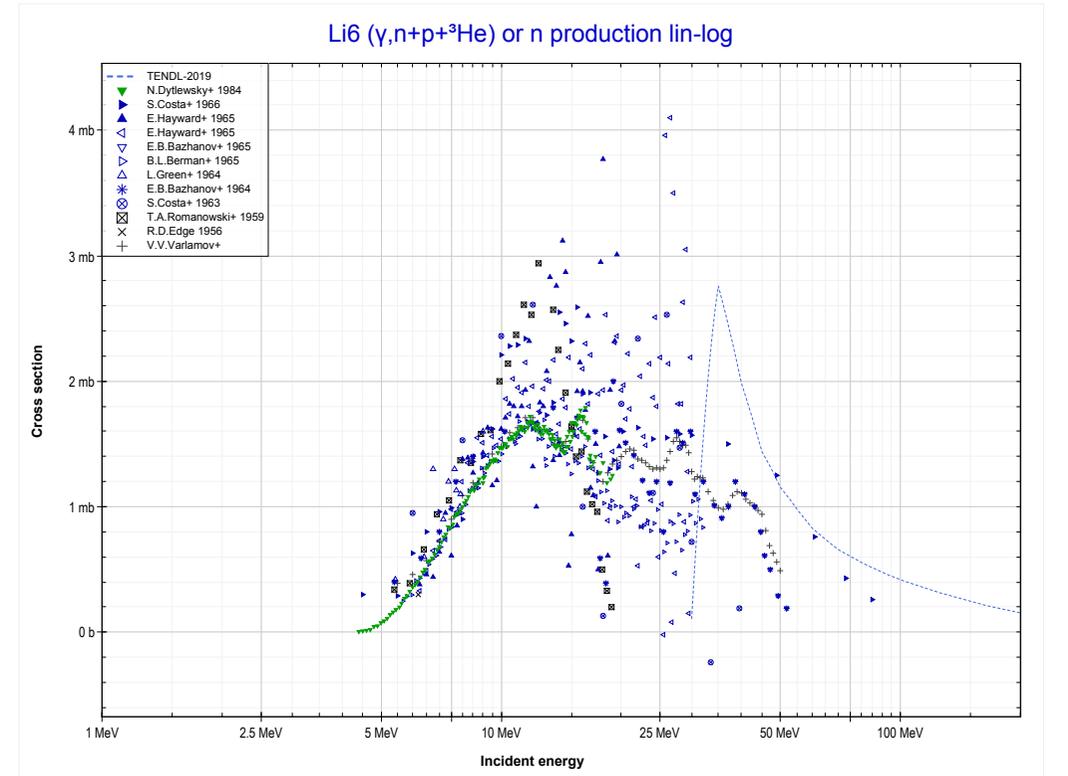
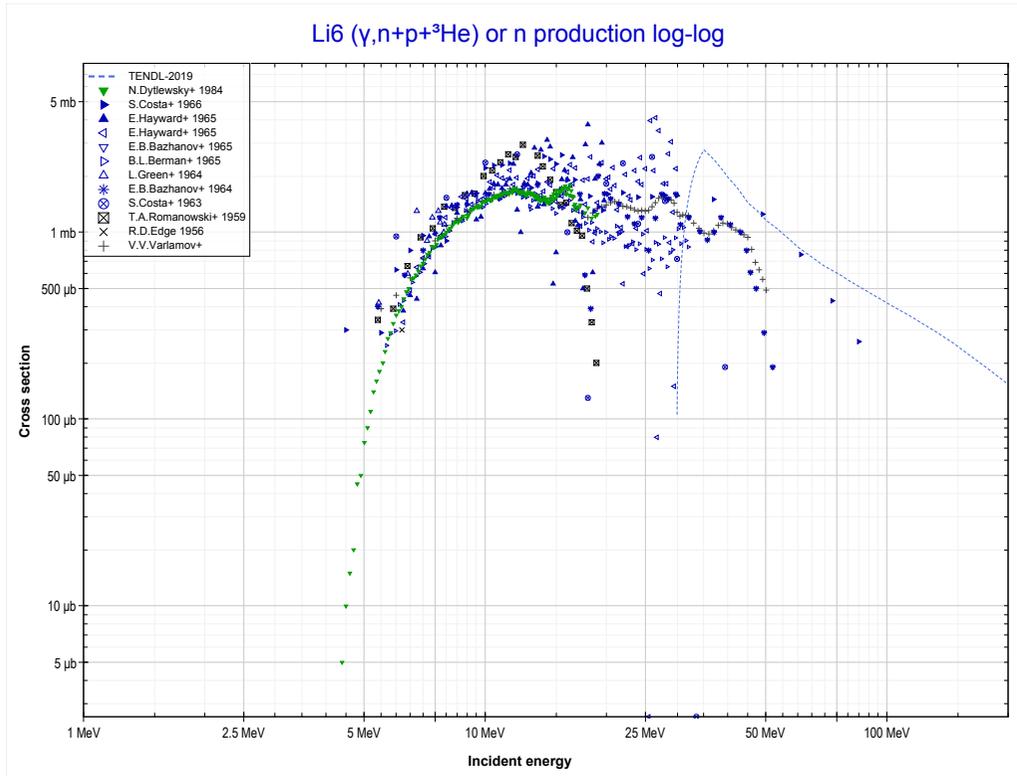
Reaction	Q-Value
Li6($\gamma,p+\alpha$)n	-3698.32 keV
Li6($\gamma,d+He3$)n	-22051.38 keV
Li6($\gamma,2p+t$)n	-23512.19 keV
Li6($\gamma,n+p+He3$)n	-24275.94 keV
Li6($\gamma,p+2d$)n	-27544.85 keV
Li6($\gamma,n+2p+d$)n	-29769.42 keV
Li6($\gamma,2n+3p$)n	-31993.98 keV

	3-Li-6	
<< MT112 ($\gamma, p+\alpha$)	MT115 ($\gamma, p+d$) or MT5 (H3 production)	MT186 ($\gamma, n+p+^3\text{He}$) >>



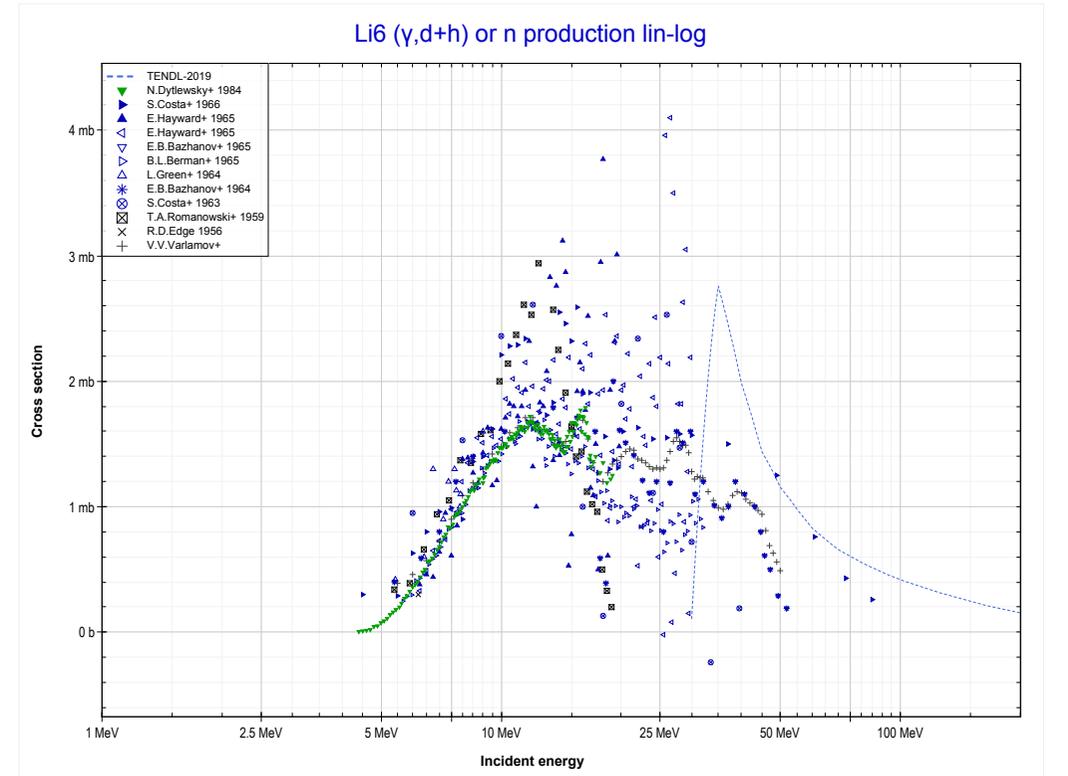
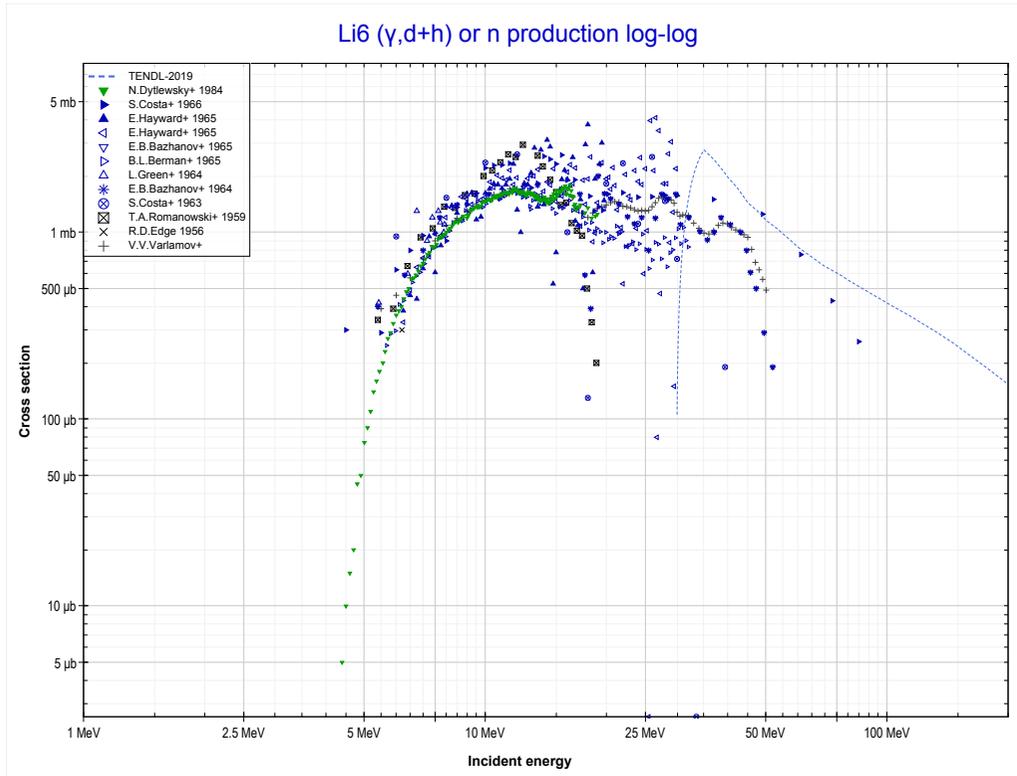
Reaction	Q-Value
Li6($\gamma, \text{He3}$)H3	-15794.15 keV
Li6($\gamma, p+d$)H3	-21287.62 keV
Li6($\gamma, n+2p$)H3	-23512.19 keV

	3-Li-6	
<< MT115 ($\gamma, p+d$)	MT186 ($\gamma, n+p+^3\text{He}$) or MT5 (n production)	MT192 ($\gamma, d+^3\text{He}$) >>



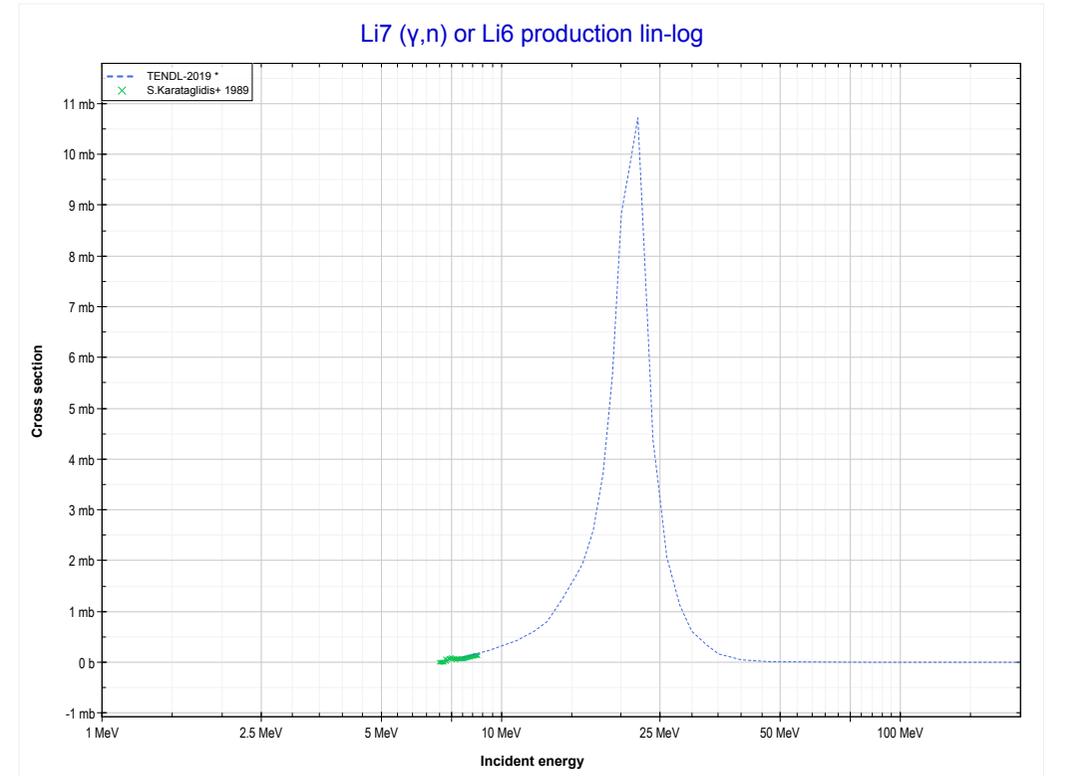
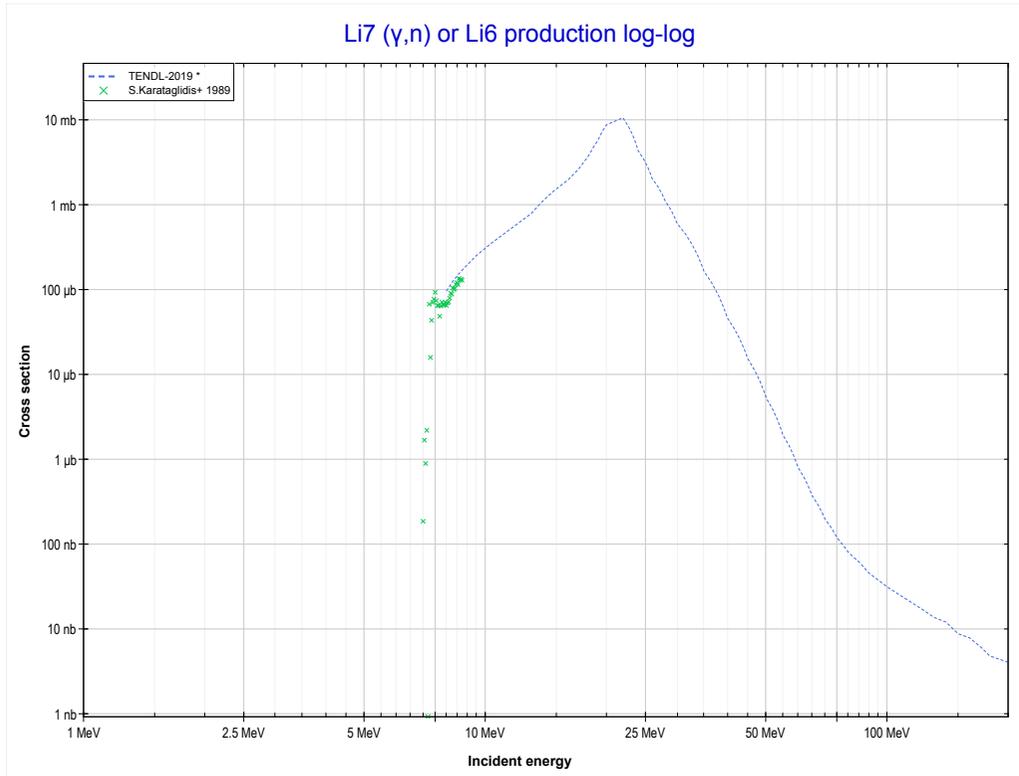
Reaction	Q-Value
Li6($\gamma, p+\alpha$)n	-3698.32 keV
Li6($\gamma, d+^3\text{He}$)n	-22051.38 keV
Li6($\gamma, 2p+t$)n	-23512.19 keV
Li6($\gamma, n+p+^3\text{He}$)n	-24275.94 keV
Li6($\gamma, p+2d$)n	-27544.85 keV
Li6($\gamma, n+2p+d$)n	-29769.42 keV
Li6($\gamma, 2n+3p$)n	-31993.98 keV

	3-Li-6	
<< MT186 ($\gamma, n + p + {}^3\text{He}$)	MT192 ($\gamma, d + {}^3\text{He}$) or MT5 (n production)	3-Li-7 MT4 (γ, n) >>



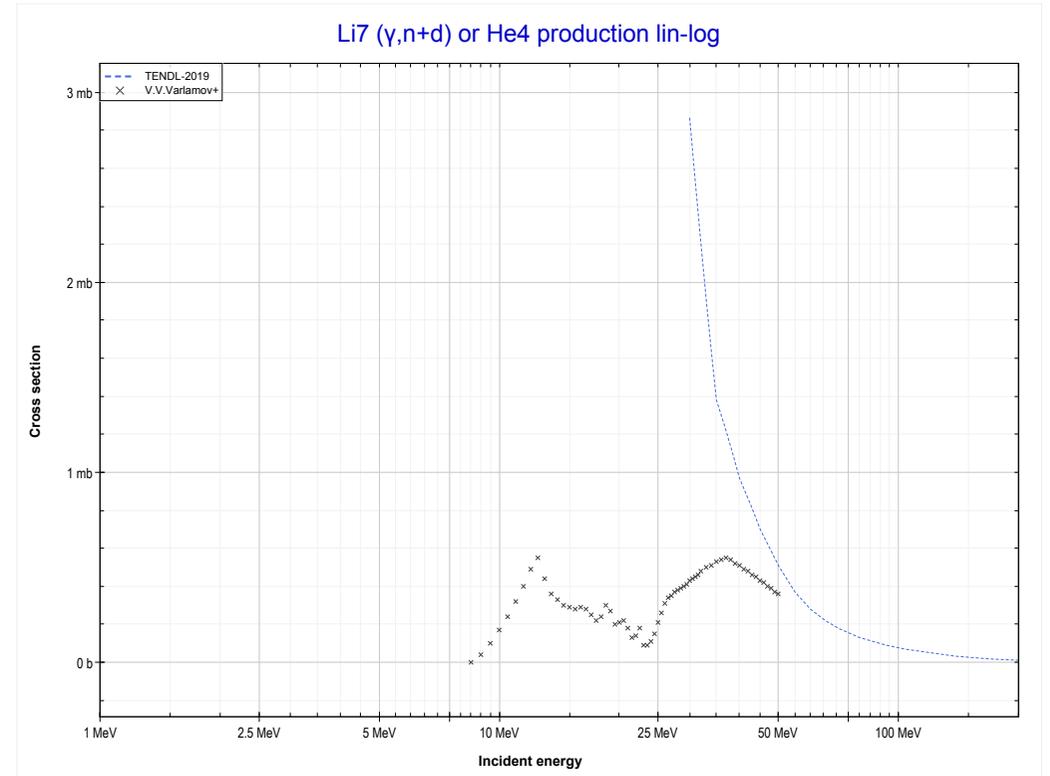
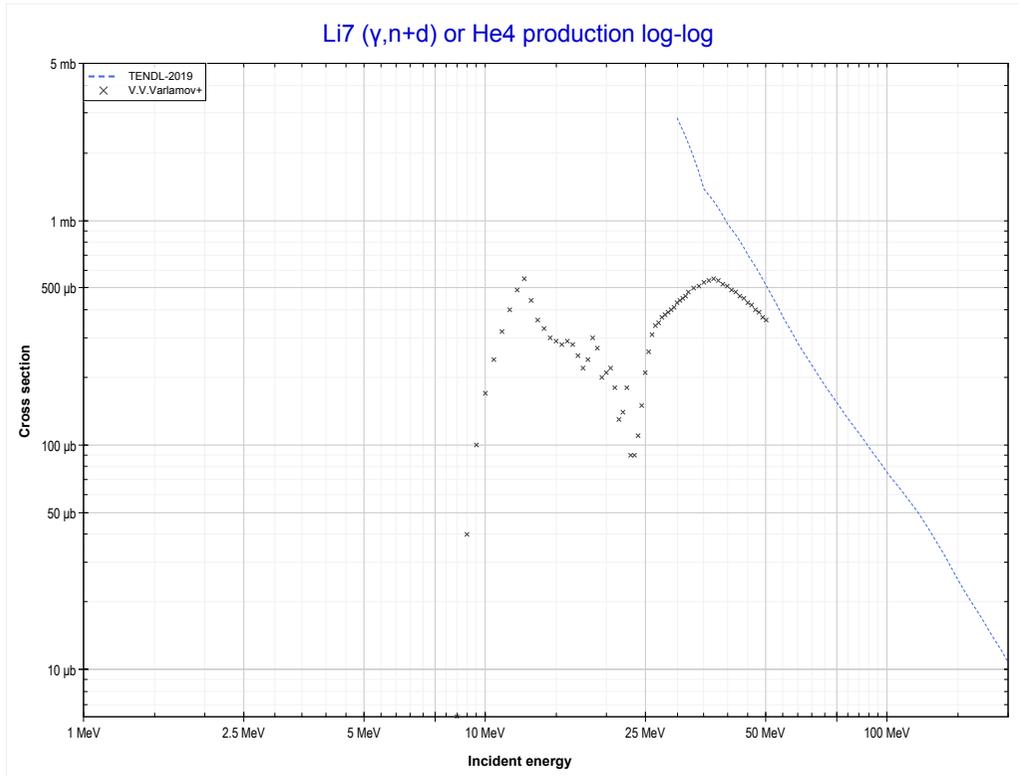
Reaction	Q-Value
Li6($\gamma, p + \alpha$)n	-3698.32 keV
Li6($\gamma, d + \text{He}3$)n	-22051.38 keV
Li6($\gamma, 2p + t$)n	-23512.19 keV
Li6($\gamma, n + p + \text{He}3$)n	-24275.94 keV
Li6($\gamma, p + 2d$)n	-27544.85 keV
Li6($\gamma, n + 2p + d$)n	-29769.42 keV
Li6($\gamma, 2n + 3p$)n	-31993.98 keV

<< 3-Li-6	3-Li-7	4-Be-9 >>
<< 3-Li-6 MT192 ($\gamma, d+^3\text{He}$)	MT4 (γ, n) or MT5 (Li6 production)	MT32 ($\gamma, n+d$) >>



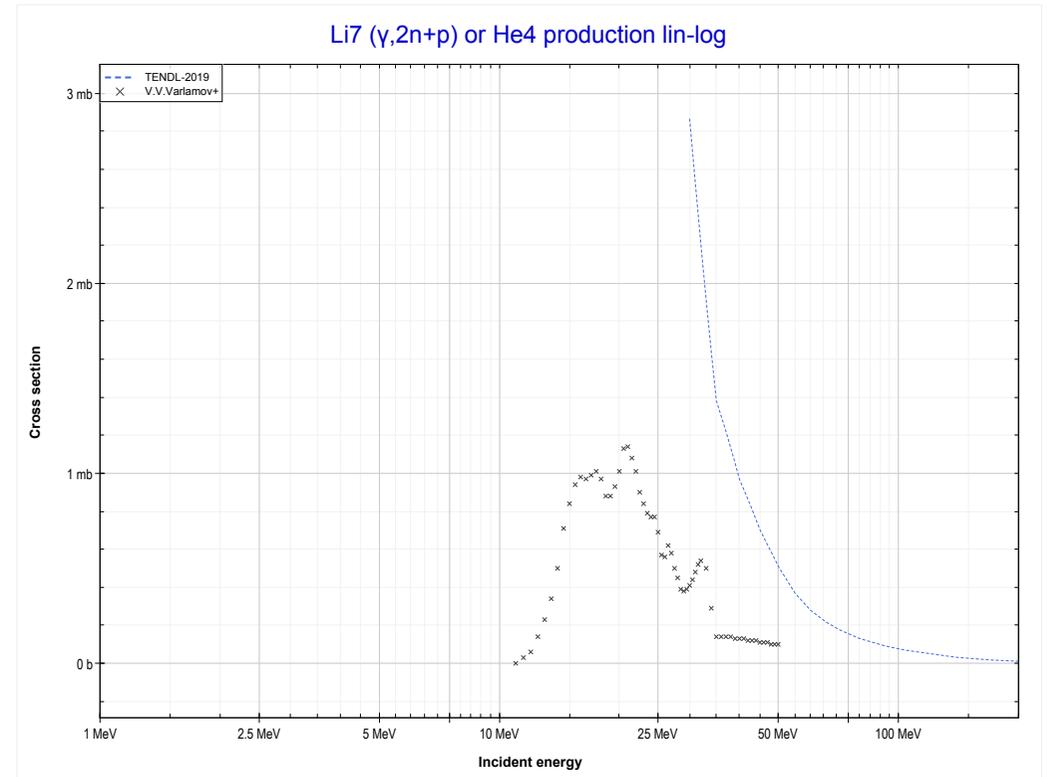
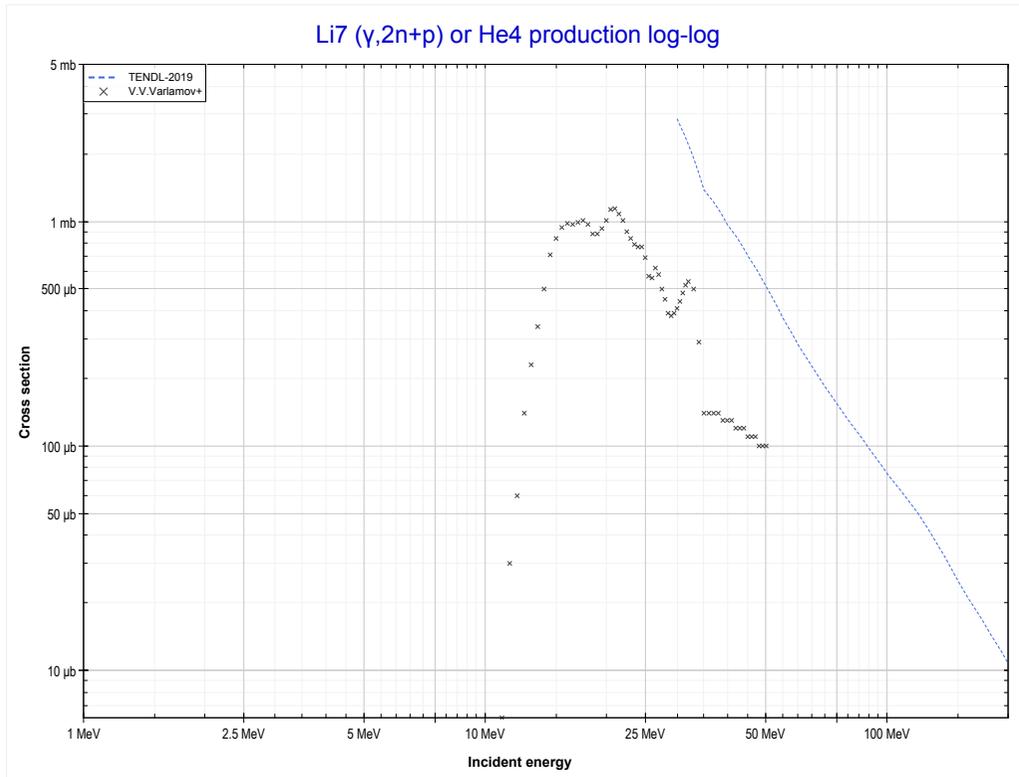
Reaction	Q-Value
$\text{Li7}(\gamma, n)\text{Li6}$	-7251.09 keV

	3-Li-7	
<< MT4 (γ, n)	MT32 ($\gamma, n+d$) or MT5 (He4 production)	MT41 ($\gamma, 2n+p$) >>



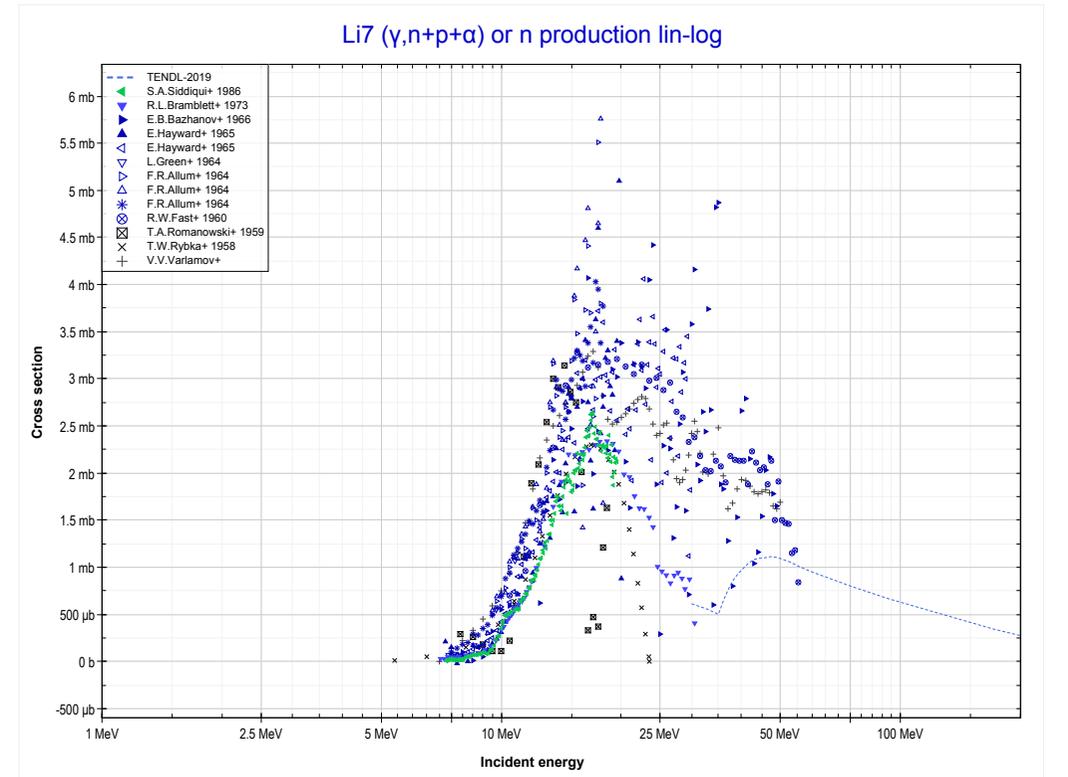
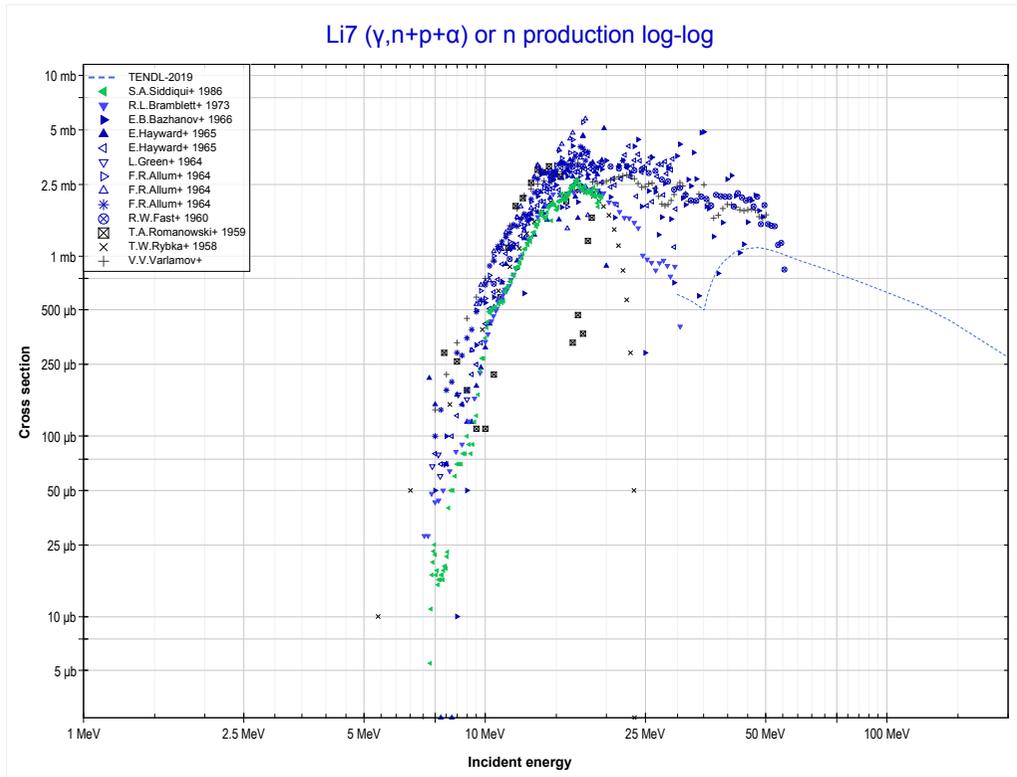
Reaction	Q-Value
Li7(γ, t)He4	-2467.62 keV
Li7($\gamma, n+d$)He4	-8724.85 keV
Li7($\gamma, 2n+p$)He4	-10949.42 keV

<< 3-Li-6	3-Li-7	
<< MT32 ($\gamma, n+d$)	MT41 ($\gamma, 2n+p$) or MT5 (He4 production)	MT45 ($\gamma, n+p+\alpha$) >>



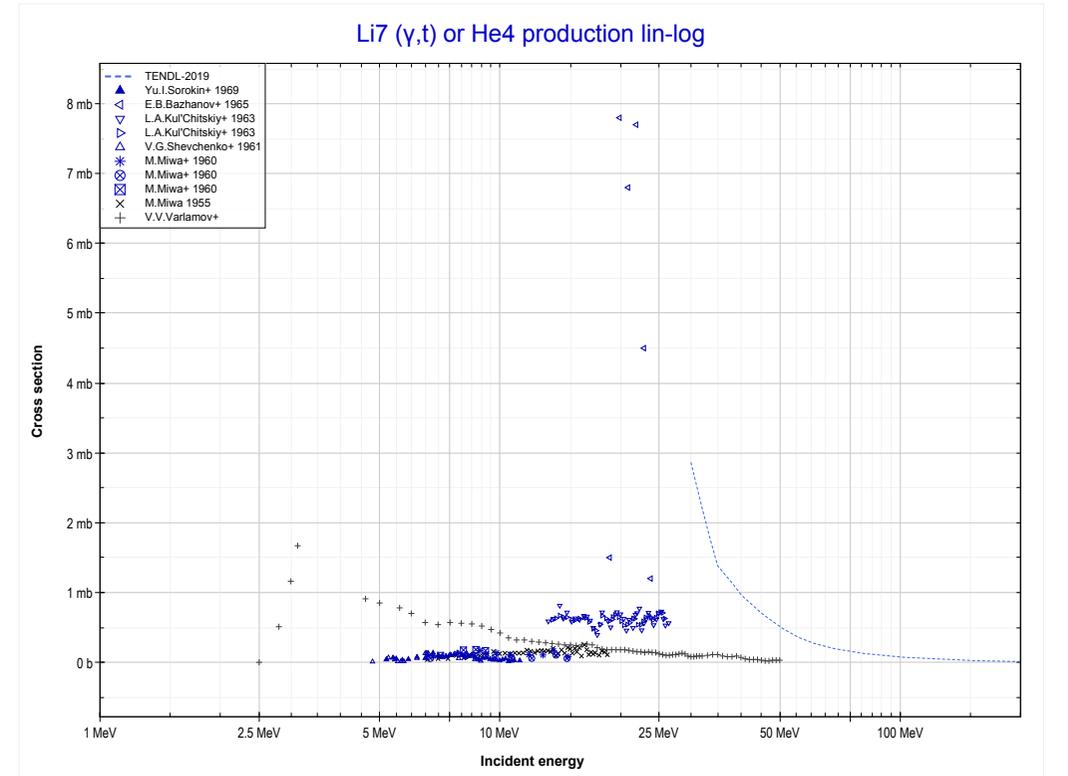
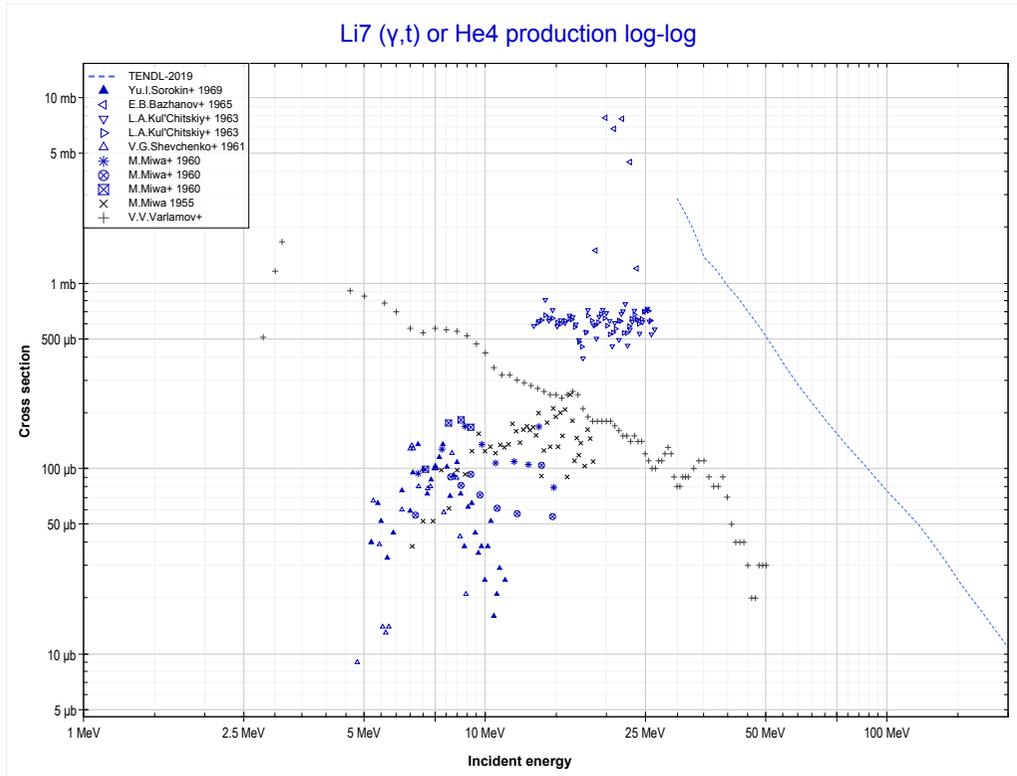
Reaction	Q-Value
Li7(γ, t)He4	-2467.62 keV
Li7($\gamma, n+d$)He4	-8724.85 keV
Li7($\gamma, 2n+p$)He4	-10949.42 keV

	3-Li-7	6-C-12 >>
<< MT41 ($\gamma, 2n+p$)	MT45 ($\gamma, n+p+\alpha$) or MT5 (n production)	MT105 (γ, t) >>



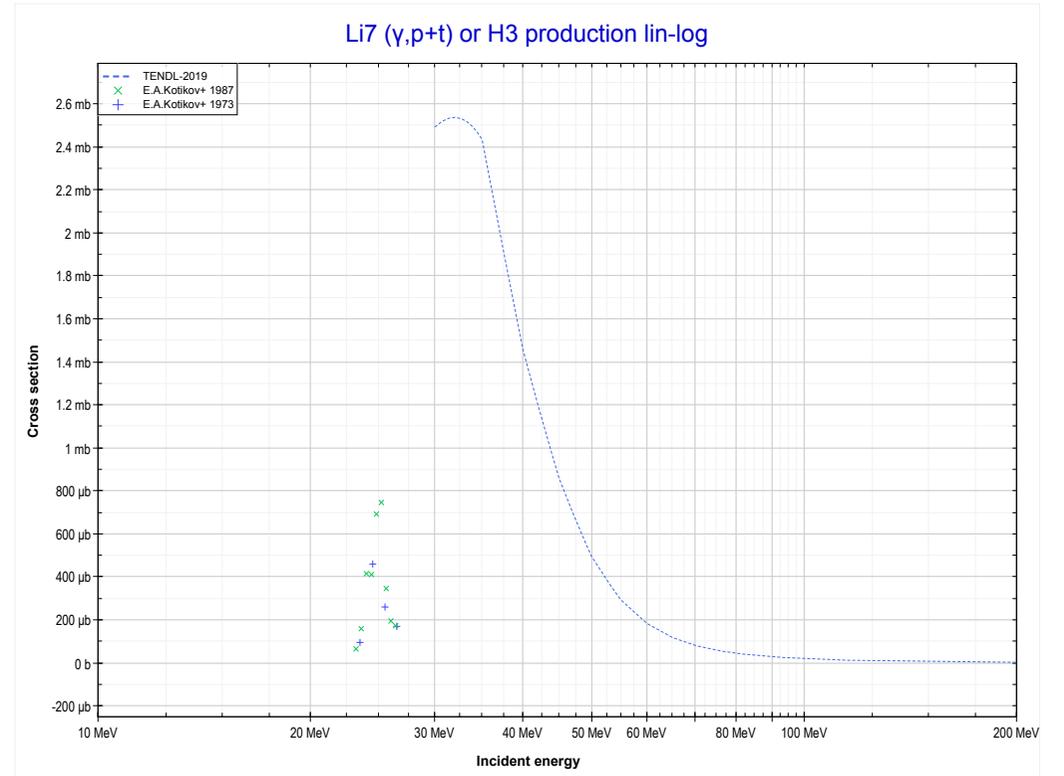
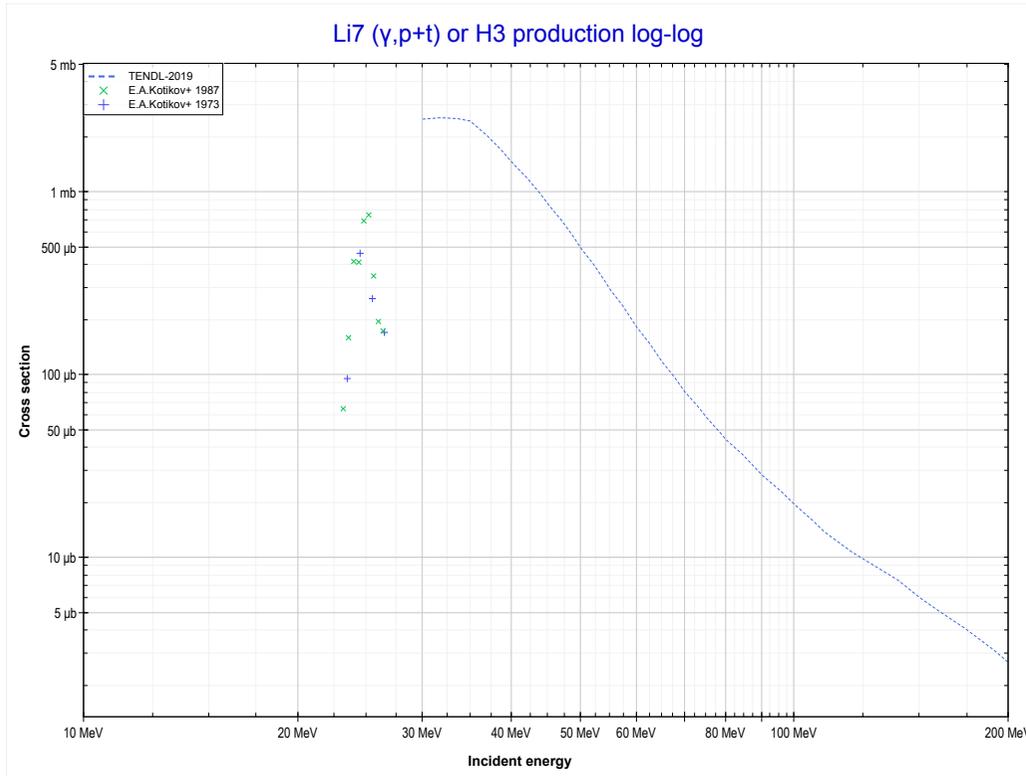
Reaction	Q-Value	Reaction	Q-Value
Li7($\gamma, d+\alpha$)n	-8724.85 keV	Li7($\gamma, n+p+2d$)n	-34795.94 keV
Li7($\gamma, n+p+\alpha$)n	-10949.42 keV	Li7($\gamma, 2n+2p+d$)n	-37020.51 keV
Li7($\gamma, t+He3$)n	-23045.24 keV	Li7($\gamma, 3n+3p$)n	-39245.08 keV
Li7($\gamma, p+d+t$)n	-28538.71 keV		
Li7($\gamma, n+d+He3$)n	-29302.47 keV		
Li7($\gamma, n+2p+t$)n	-30763.28 keV		
Li7($\gamma, 2n+p+He3$)n	-31527.03 keV		
Li7($\gamma, 3d$)n	-32571.38 keV		

<< 3-Li-6	3-Li-7	
<< MT45 ($\gamma, n+p+\alpha$)	MT105 (γ, t) or MT5 (He4 production)	MT116 ($\gamma, p+t$) >>



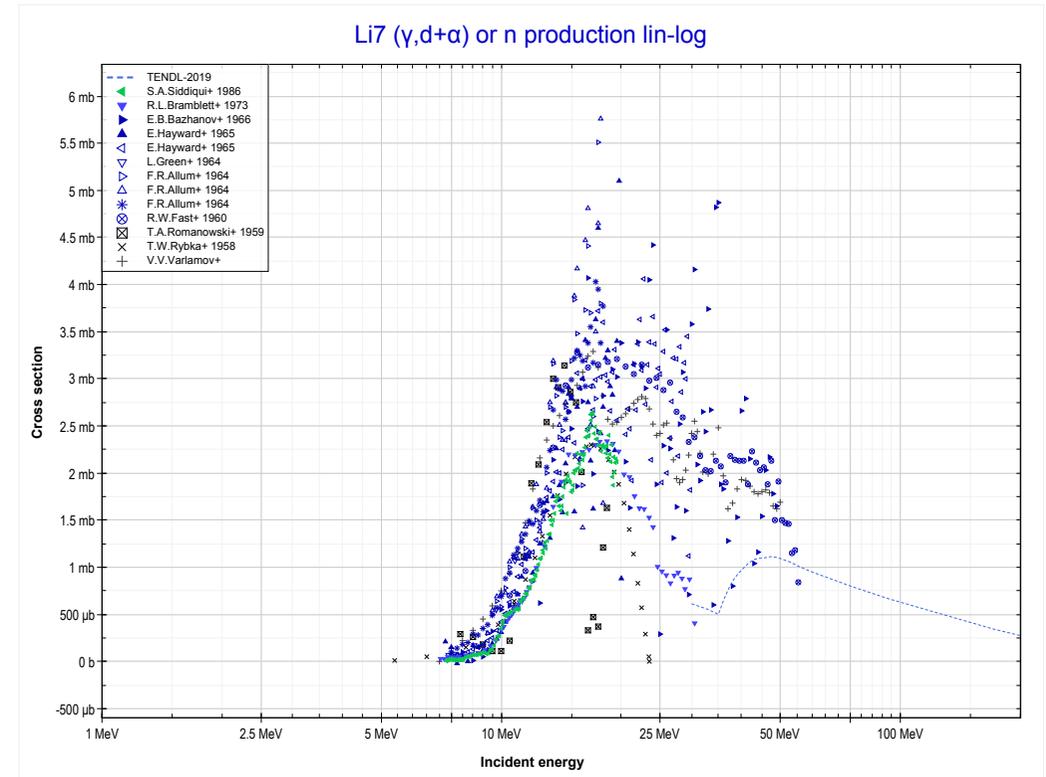
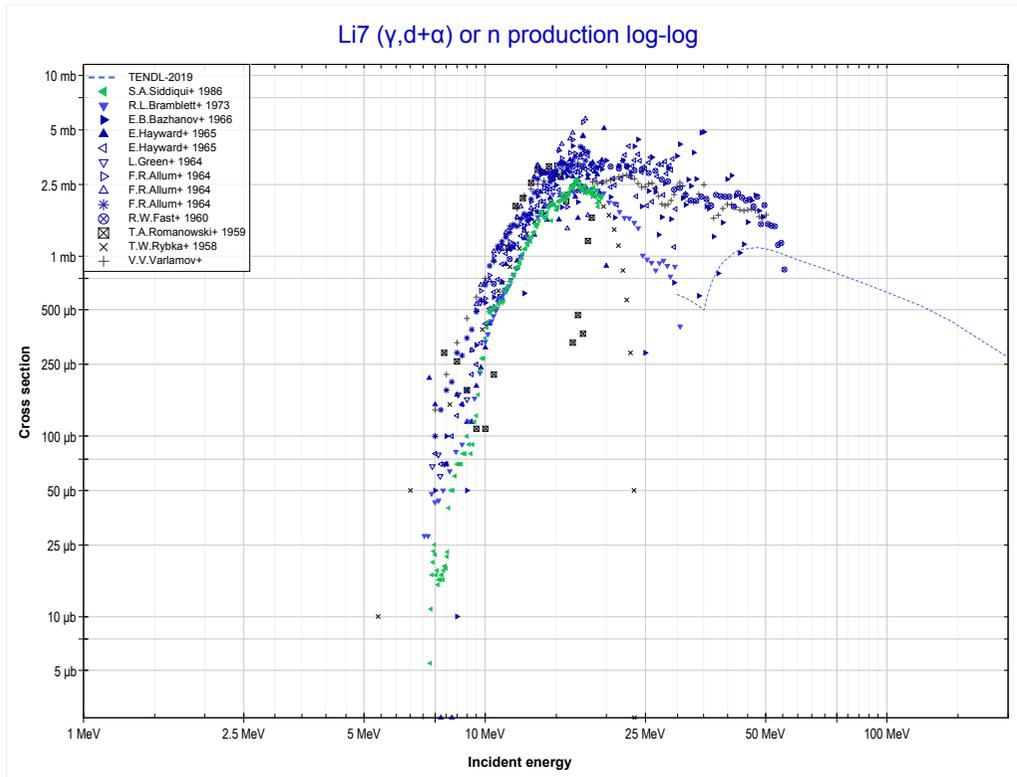
Reaction	Q-Value
Li7(γ, t)He4	-2467.62 keV
Li7($\gamma, n+d$)He4	-8724.85 keV
Li7($\gamma, 2n+p$)He4	-10949.42 keV

	3-Li-7	
<< MT105 (γ,t)	MT116 ($\gamma,p+t$) or MT5 (H3 production)	MT117 ($\gamma,d+\alpha$) >>



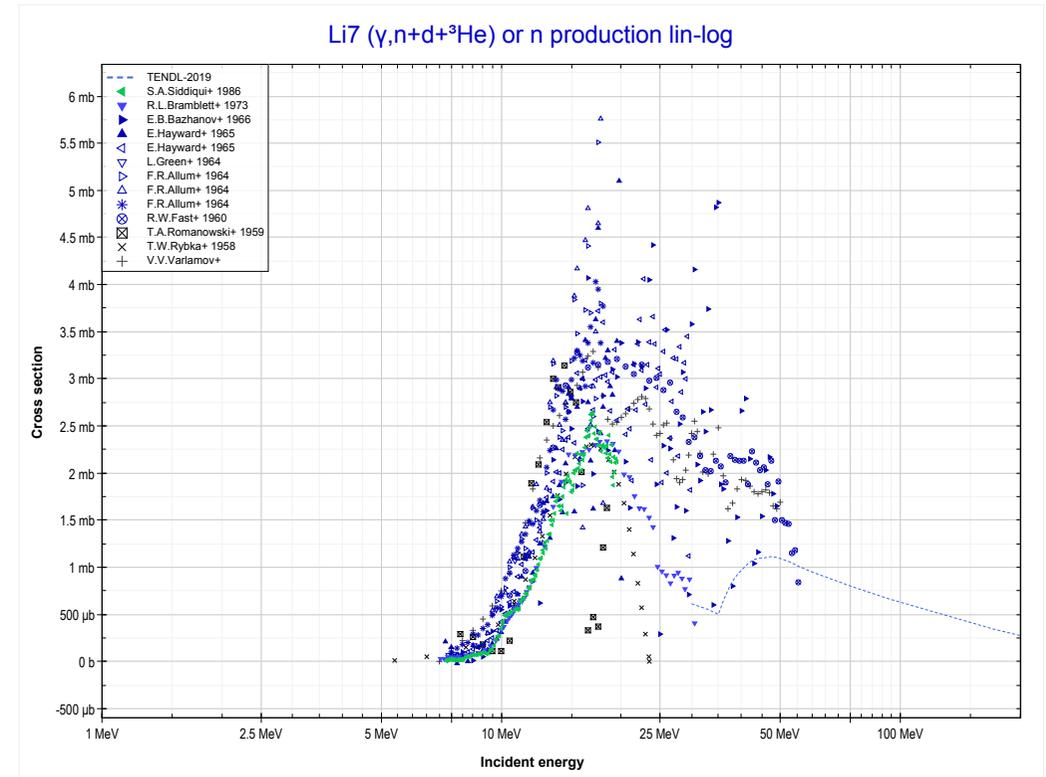
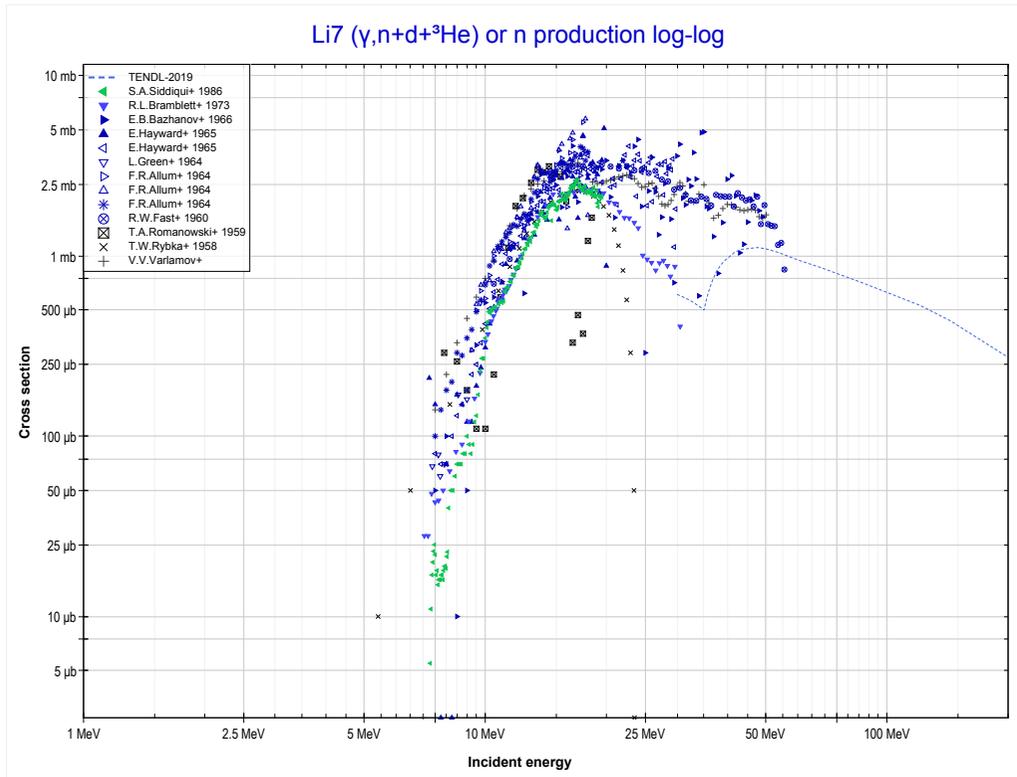
Reaction	Q-Value
Li7(γ,α)H3	-2467.62 keV
Li7($\gamma,p+t$)H3	-22281.49 keV
Li7($\gamma,n+He3$)H3	-23045.24 keV
Li7($\gamma,2d$)H3	-26314.15 keV
Li7($\gamma,n+p+d$)H3	-28538.71 keV
Li7($\gamma,2n+2p$)H3	-30763.28 keV

	3-Li-7	12-Mg-24 >>
<< MT116 ($\gamma, p+t$)	MT117 ($\gamma, d+\alpha$) or MT5 (n production)	MT187 ($\gamma, n+d+^3\text{He}$) >>



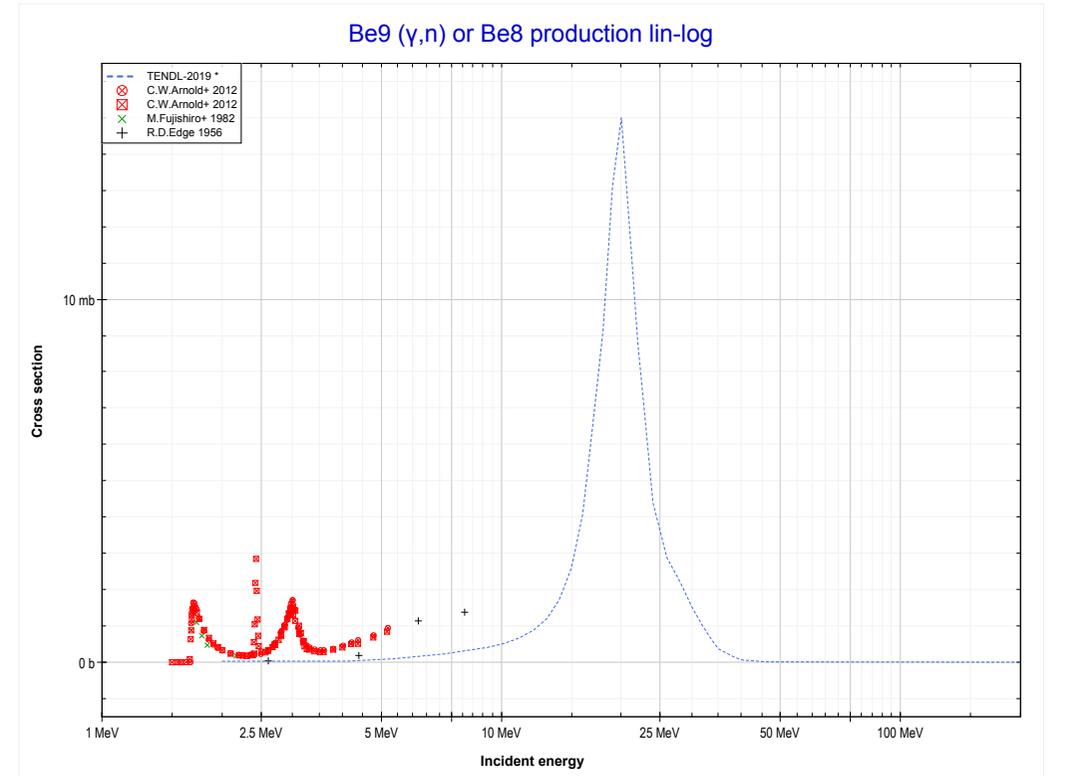
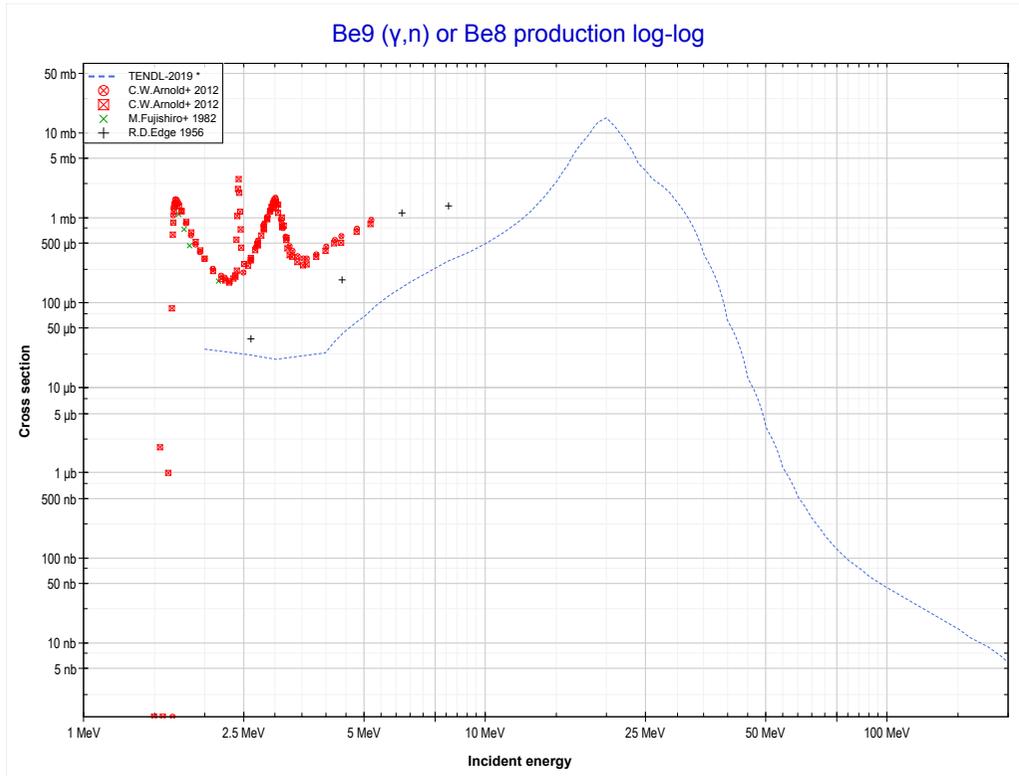
Reaction	Q-Value	Reaction	Q-Value
Li7($\gamma, d+\alpha$)n	-8724.85 keV	Li7($\gamma, n+p+2d$)n	-34795.94 keV
Li7($\gamma, n+p+\alpha$)n	-10949.42 keV	Li7($\gamma, 2n+2p+d$)n	-37020.51 keV
Li7($\gamma, t+^3\text{He}$)n	-23045.24 keV	Li7($\gamma, 3n+3p$)n	-39245.08 keV
Li7($\gamma, p+d+t$)n	-28538.71 keV		
Li7($\gamma, n+d+^3\text{He}$)n	-29302.47 keV		
Li7($\gamma, n+2p+t$)n	-30763.28 keV		
Li7($\gamma, 2n+p+^3\text{He}$)n	-31527.03 keV		
Li7($\gamma, 3d$)n	-32571.38 keV		

	3-Li-7	12-Mg-24 >>
<< MT117 ($\gamma, d + \alpha$)	MT187 ($\gamma, n + d + {}^3\text{He}$) or MT5 (n production)	4-Be-9 MT4 (γ, n) >>



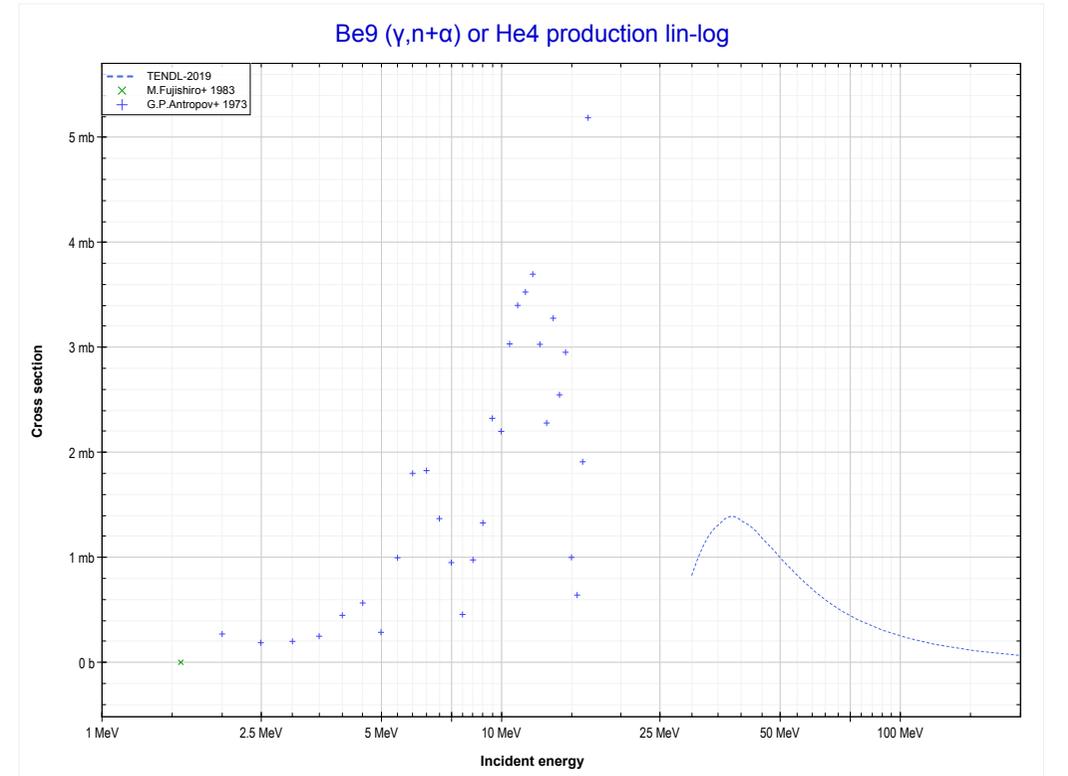
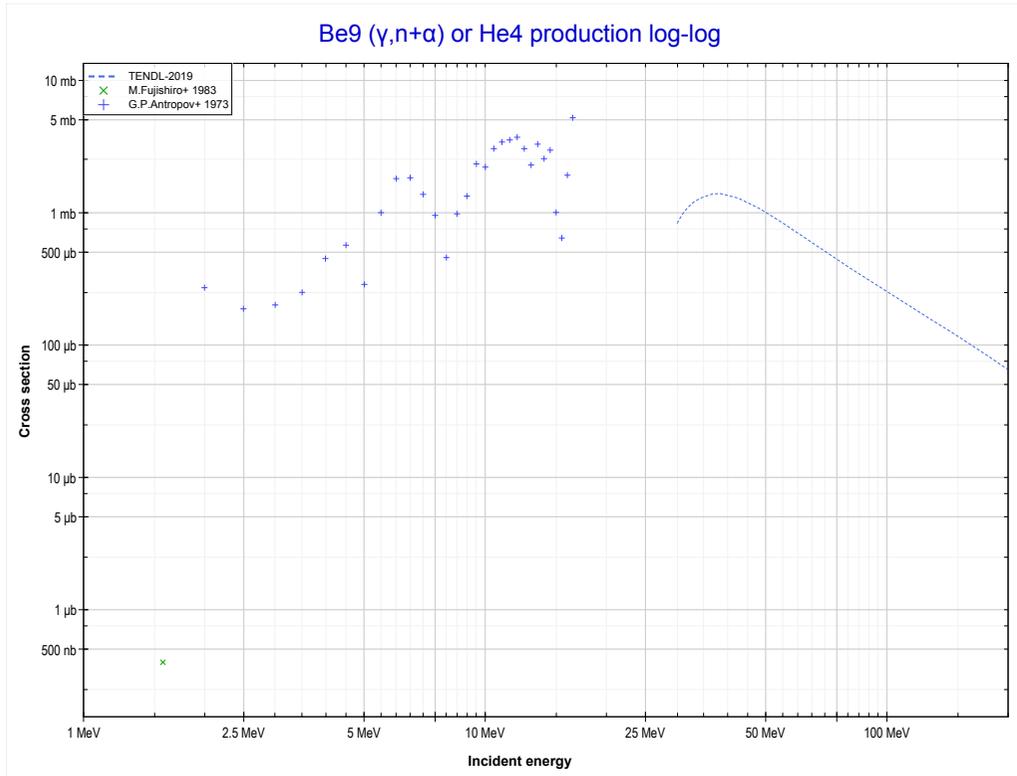
Reaction	Q-Value	Reaction	Q-Value
Li7($\gamma, d + \alpha$)n	-8724.85 keV	Li7($\gamma, n + p + 2d$)n	-34795.94 keV
Li7($\gamma, n + p + \alpha$)n	-10949.42 keV	Li7($\gamma, 2n + 2p + d$)n	-37020.51 keV
Li7($\gamma, t + \text{He}3$)n	-23045.24 keV	Li7($\gamma, 3n + 3p$)n	-39245.08 keV
Li7($\gamma, p + d + t$)n	-28538.71 keV		
Li7($\gamma, n + d + \text{He}3$)n	-29302.47 keV		
Li7($\gamma, n + 2p + t$)n	-30763.28 keV		
Li7($\gamma, 2n + p + \text{He}3$)n	-31527.03 keV		
Li7($\gamma, 3d$)n	-32571.38 keV		

<< 3-Li-7	4-Be-9	6-C-12 >>
<< 3-Li-7 MT187 ($\gamma, n+d+{}^3\text{He}$)	MT4 (γ, n) or MT5 (Be8 production)	MT22 ($\gamma, n+\alpha$) >>



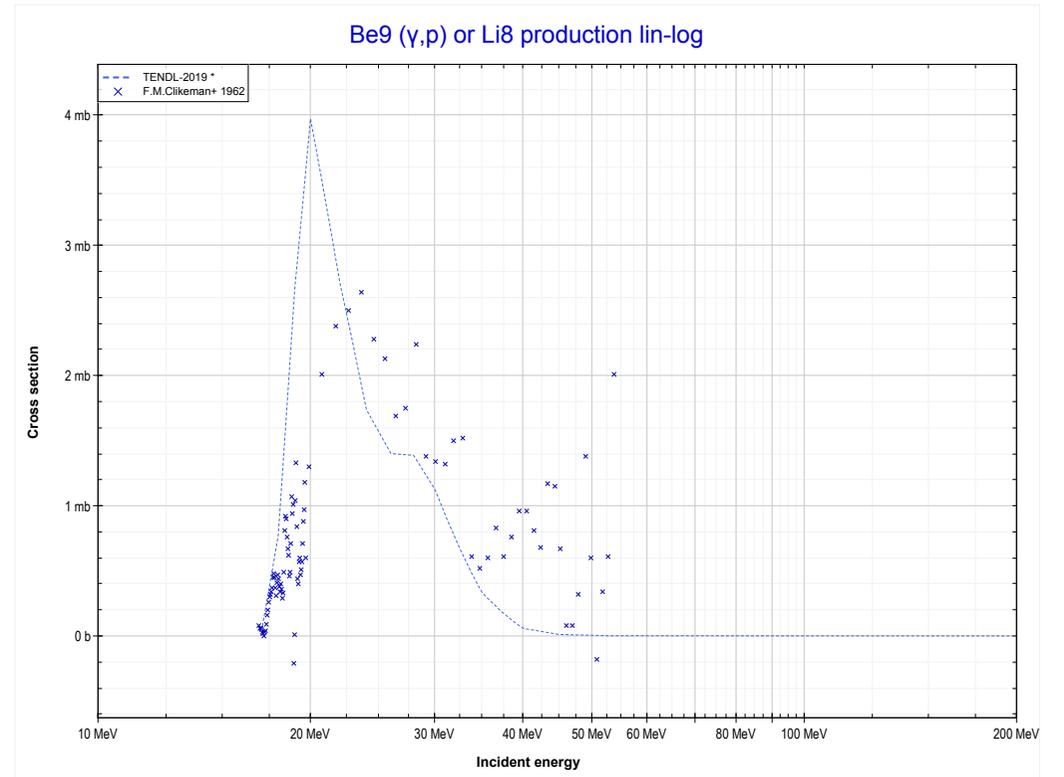
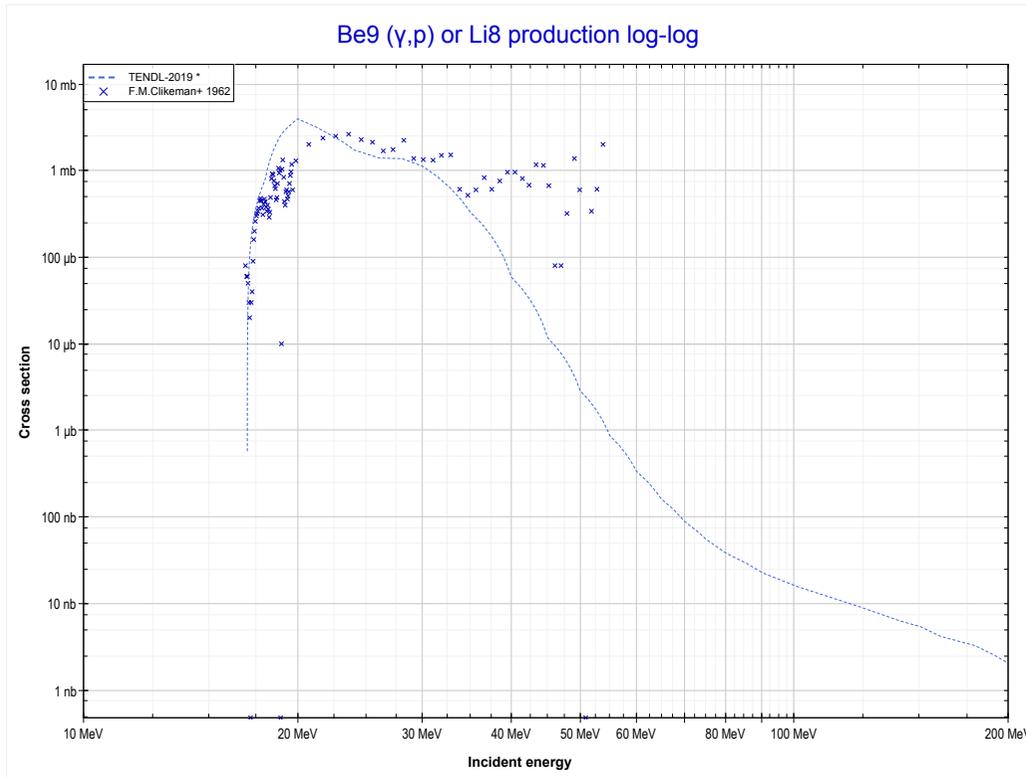
Reaction	Q-Value
Be9(γ, n)Be8	-1664.54 keV

	4-Be-9	6-C-12 >>
<< MT4 (γ, n)	MT22 ($\gamma, n+\alpha$) or MT5 (He4 production)	MT103 (γ, p) >>



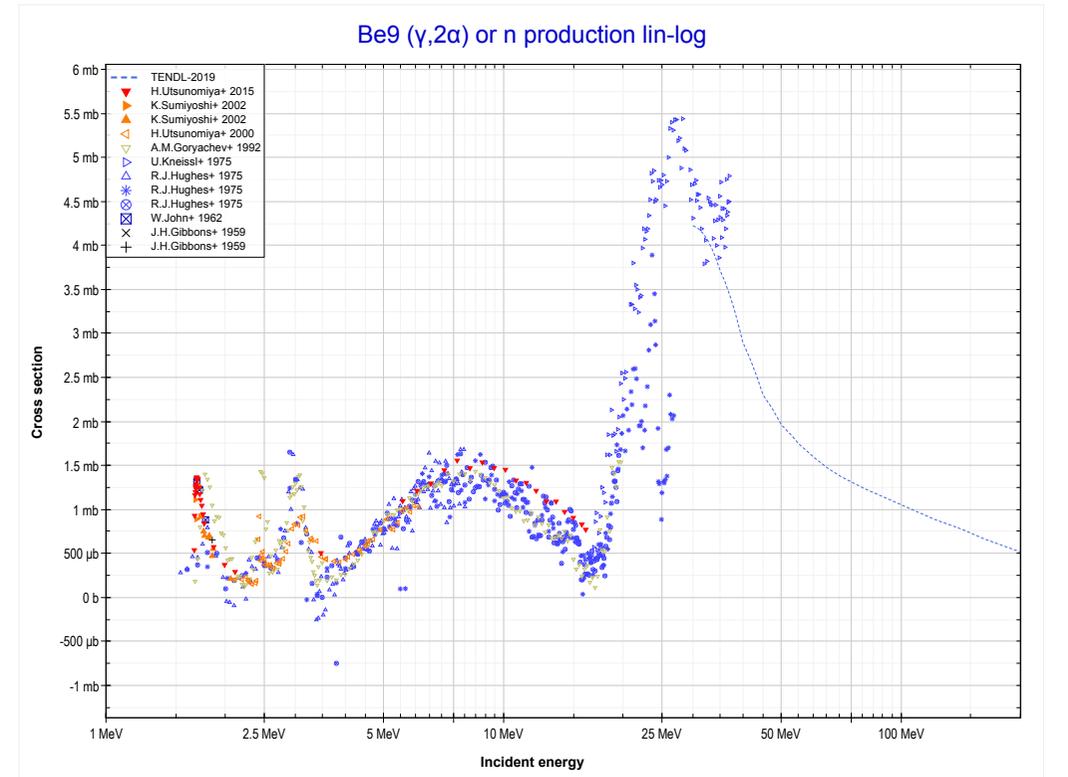
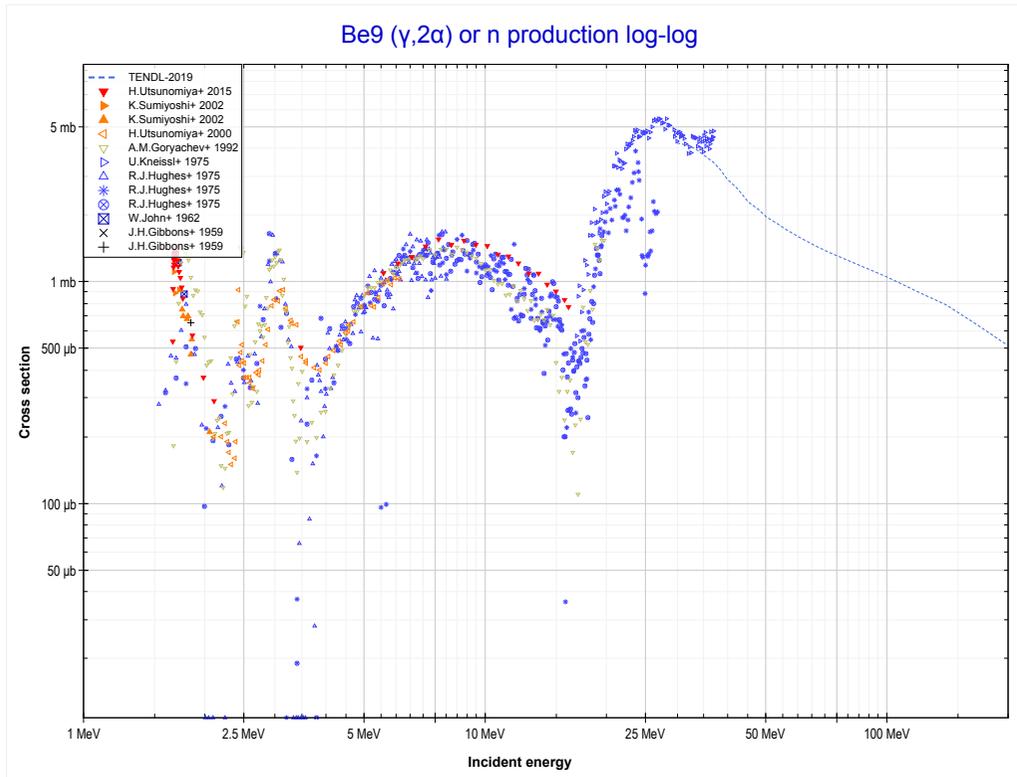
Reaction	Q-Value
Be9($\gamma, n+\alpha$)He4	-1572.70 keV
Be9($\gamma, d+t$)He4	-19162.00 keV
Be9($\gamma, n+p+t$)He4	-21386.56 keV
Be9($\gamma, 2n+He3$)He4	-22150.32 keV
Be9($\gamma, n+2d$)He4	-25419.23 keV
Be9($\gamma, 2n+p+d$)He4	-27643.79 keV
Be9($\gamma, 3n+2p$)He4	-29868.36 keV

	4-Be-9	5-B-11 >>
<< MT22 ($\gamma, n + \alpha$)	MT103 (γ, p) or MT5 (Li8 production)	MT108 ($\gamma, 2\alpha$) >>



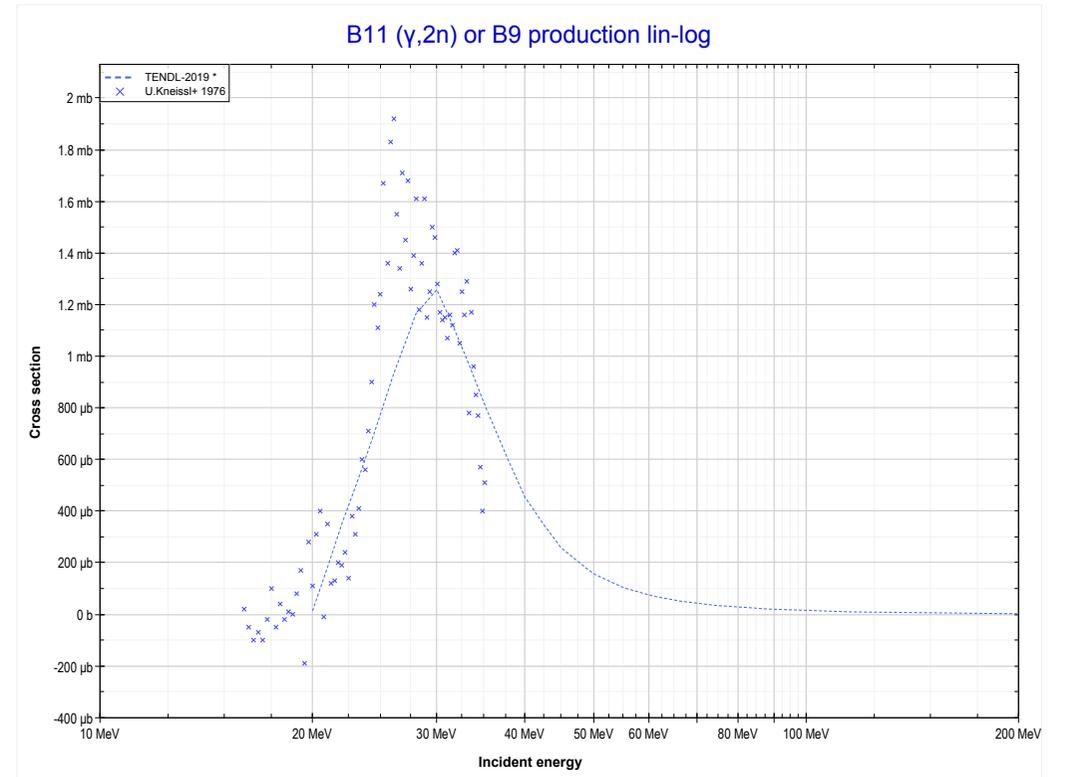
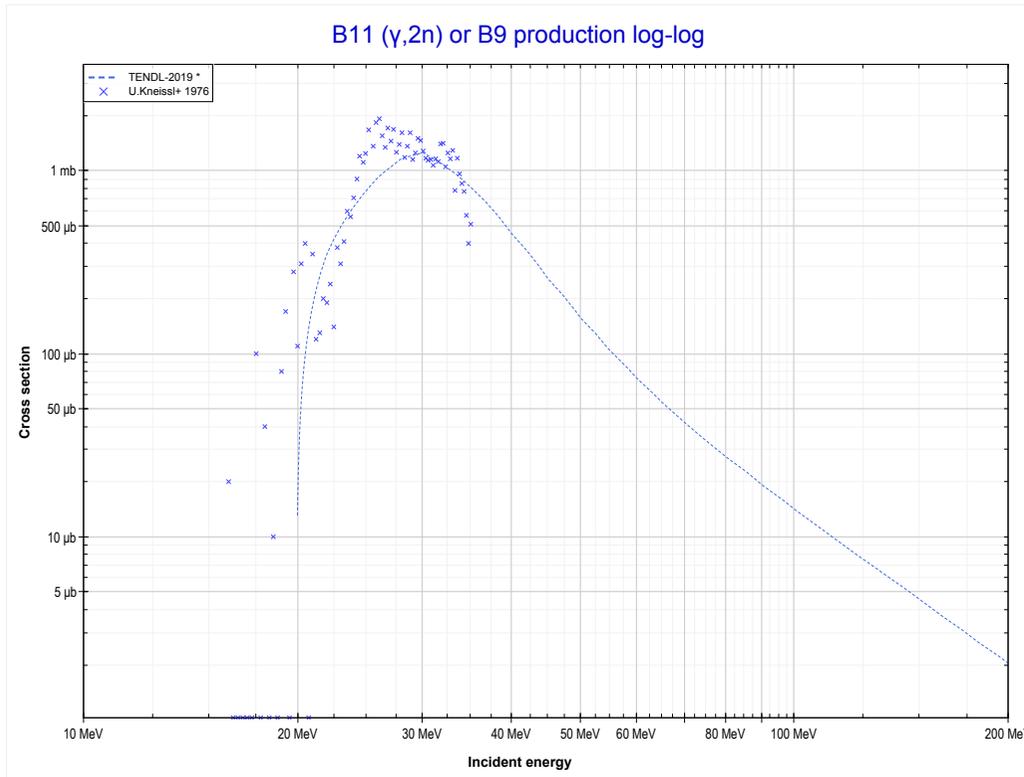
Reaction	Q-Value
Be9(γ, p)Li8	-16886.32 keV

	4-Be-9	6-C-12 >>
<< MT103 (γ, p)	MT108 ($\gamma, 2\alpha$) or MT5 (n production)	5-B-11 MT16 ($\gamma, 2n$) >>



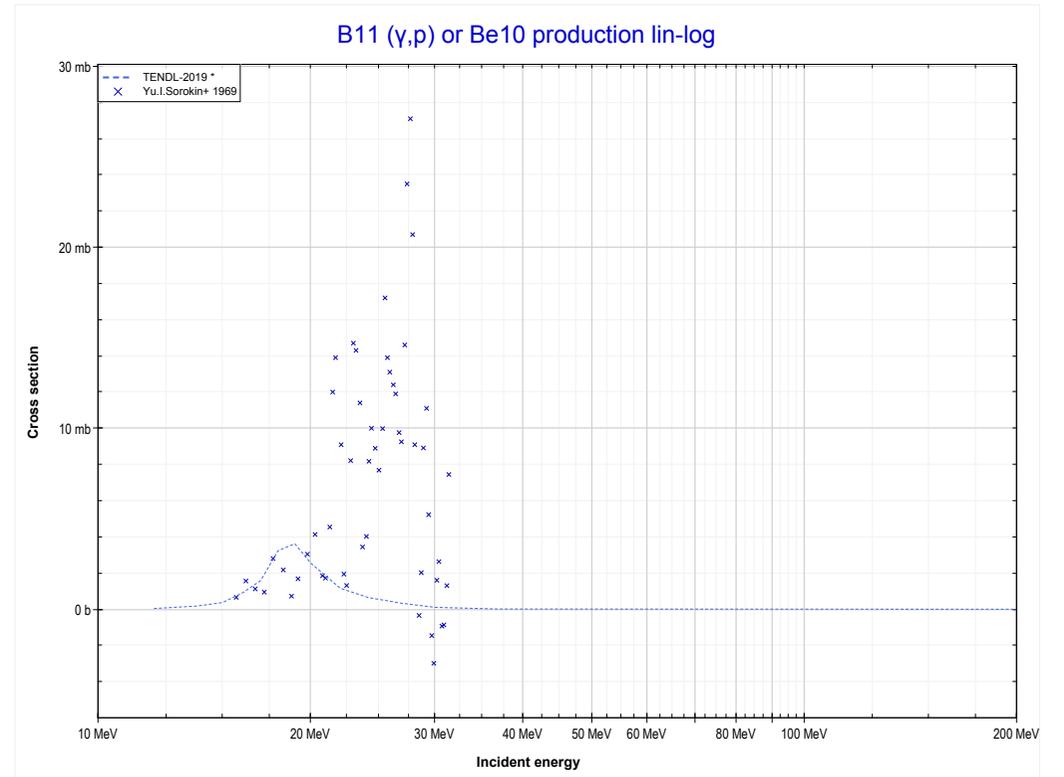
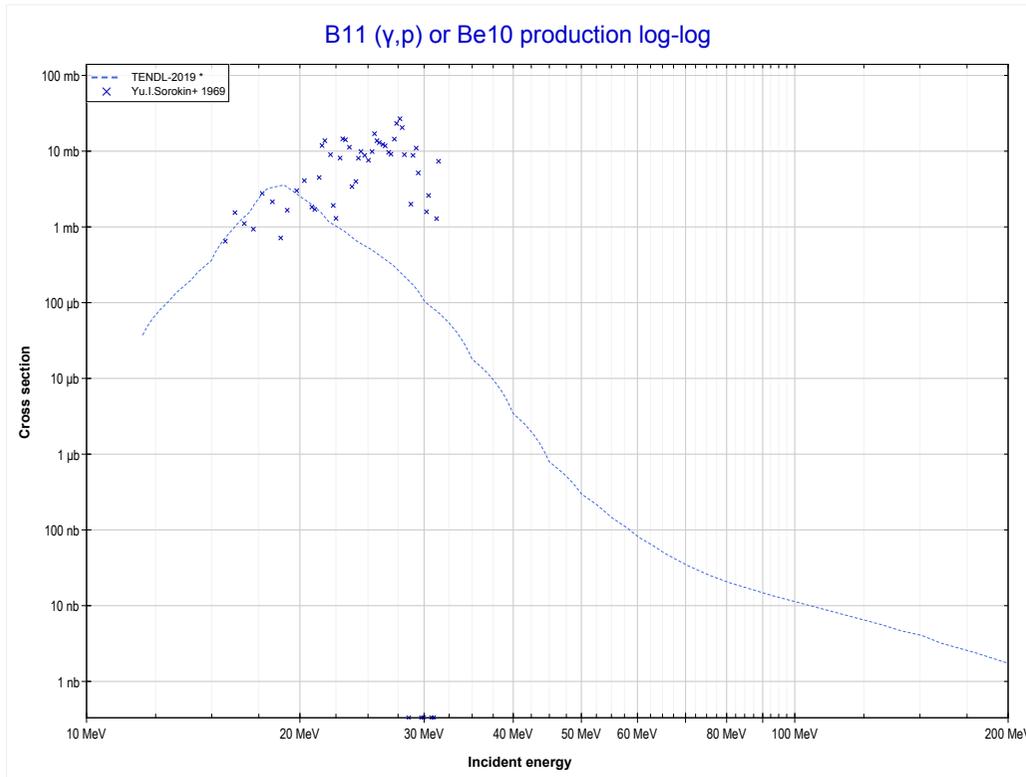
Reaction	Q-Value	Reaction	Q-Value
Be9($\gamma, 2\alpha$)n	-1572.70 keV	Be9($\gamma, n+p+t+He3$)n	-41964.18 keV
Be9($\gamma, p+t+\alpha$)n	-21386.56 keV	Be9($\gamma, 2n+2He3$)n	-42727.94 keV
Be9($\gamma, n+He3+\alpha$)n	-22150.32 keV	Be9($\gamma, p+2d+t$)n	-45233.09 keV
Be9($\gamma, 2d+\alpha$)n	-25419.23 keV	Be9($\gamma, n+2d+He3$)n	-45996.85 keV
Be9($\gamma, n+p+d+\alpha$)n	-27643.79 keV	Be9($\gamma, n+2p+d+t$)n	-47457.66 keV
Be9($\gamma, 2n+2p+\alpha$)n	-29868.36 keV	Be9($\gamma, 2n+p+d+He3$)n	-48221.41 keV
Be9($\gamma, d+t+He3$)n	-39739.62 keV	Be9($\gamma, 4d$)n	-49265.75 keV
Be9($\gamma, 2p+2t$)n	-41200.43 keV	Be9($\gamma, 2n+3p+t$)n	-49682.22 keV

	5-B-11	6-C-12 >>
<< 4-Be-9 MT108 ($\gamma,2\alpha$)	MT16 ($\gamma,2n$) or MT5 (B9 production)	MT103 (γ,p) >>



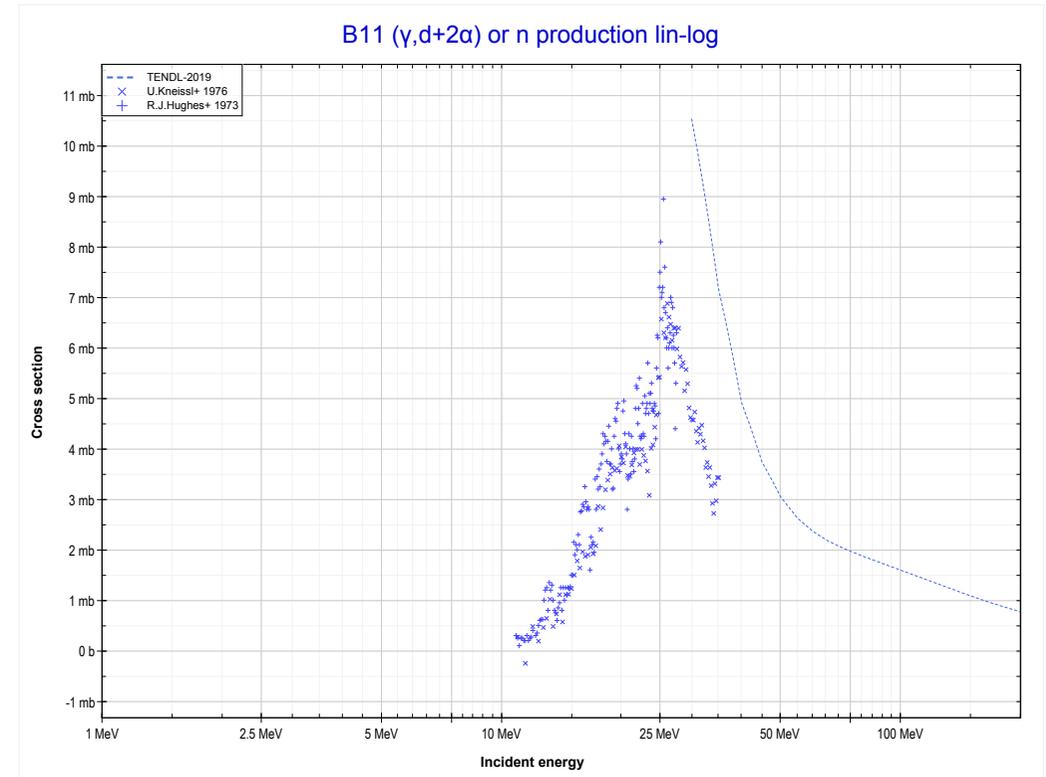
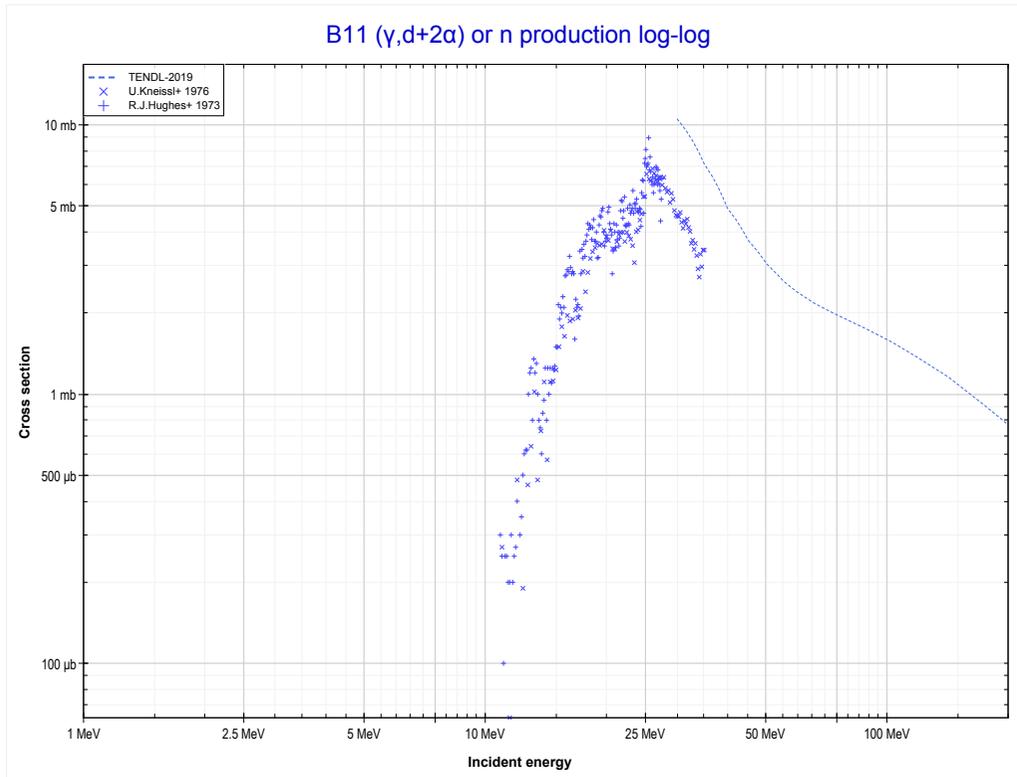
Reaction	Q-Value
B11($\gamma,2n$)B9	-19891.43 keV

<< 4-Be-9	5-B-11	6-C-12 >>
<< MT16 ($\gamma,2n$)	MT103 (γ,p) or MT5 (Be10 production)	MT114 ($\gamma,d+2\alpha$) >>



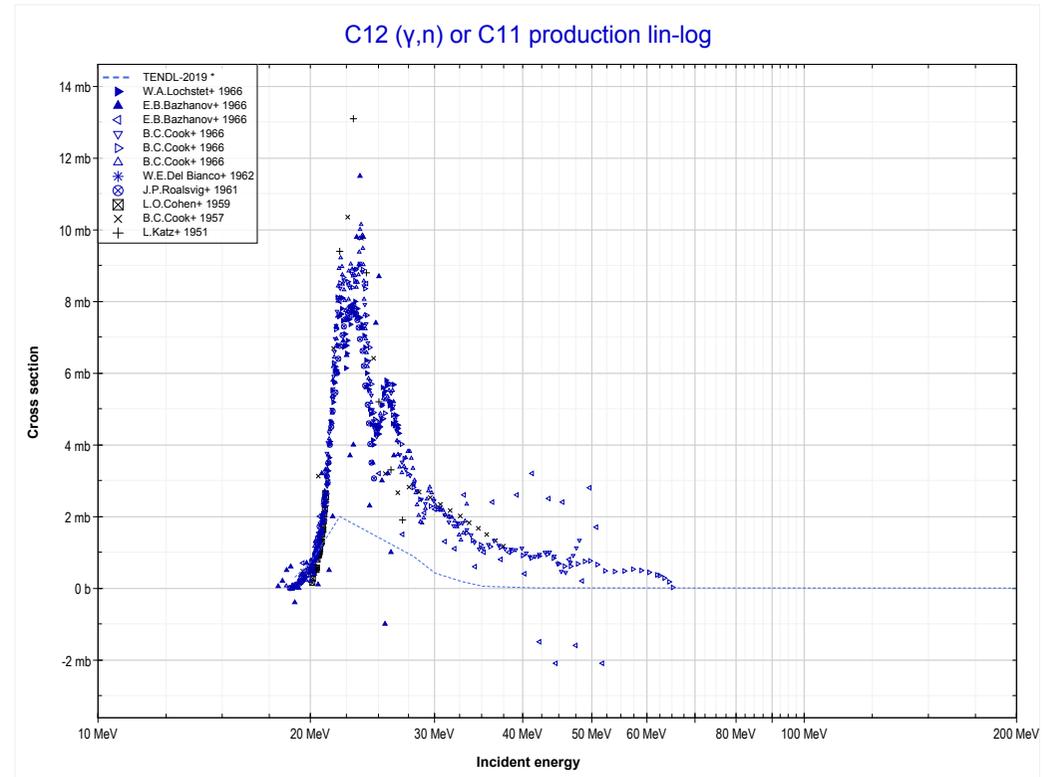
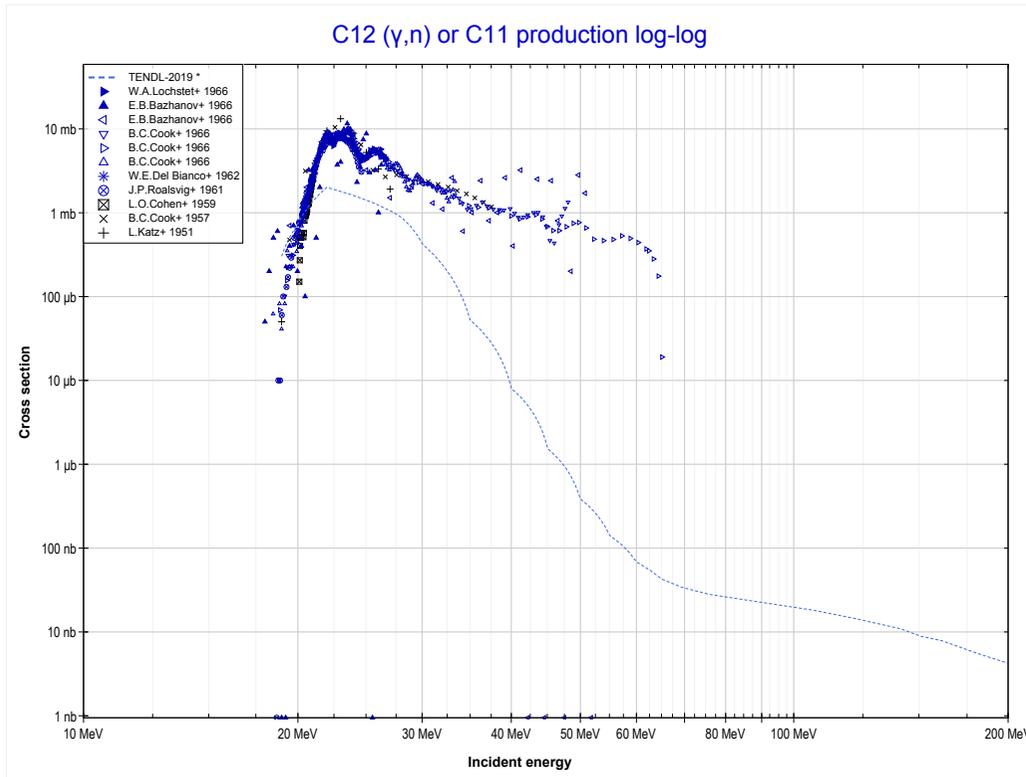
Reaction	Q-Value
B11(γ,p)Be10	-11228.75 keV

	5-B-11	
<< MT103 (γ, p)	MT114 ($\gamma, d+2\alpha$) or MT5 (n production)	6-C-12 MT4 (γ, n) >>



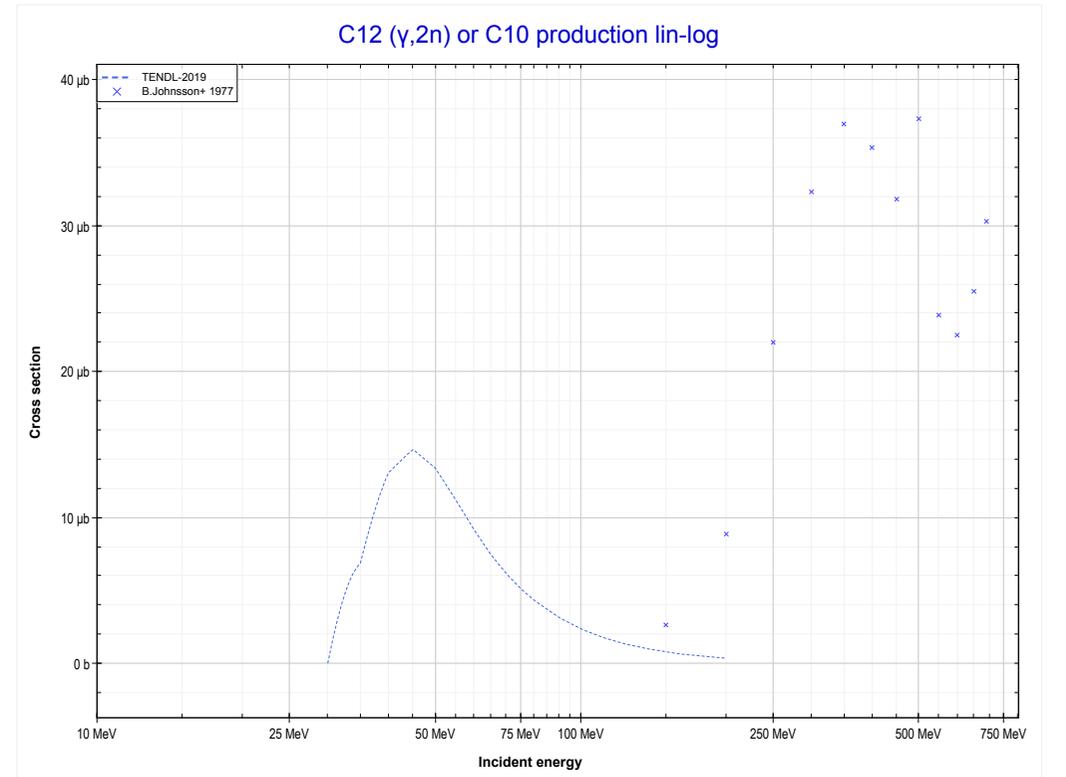
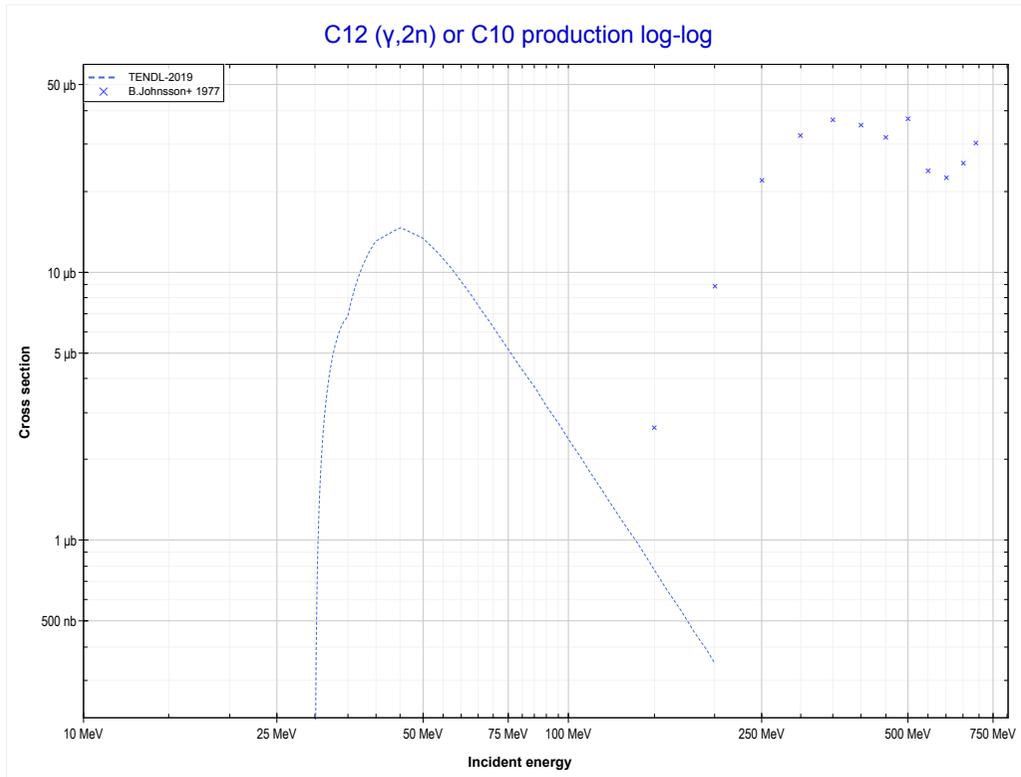
Reaction	Q-Value	Reaction	Q-Value
B11($\gamma, d+2\alpha$)n	-17389.16 keV	B11($\gamma, n+p+2d+\alpha$)n	-43460.26 keV
B11($\gamma, n+p+2\alpha$)n	-19613.73 keV	B11($\gamma, 2n+2p+d+\alpha$)n	-45684.82 keV
B11($\gamma, t+He3+\alpha$)n	-31709.55 keV	B11($\gamma, 3n+3p+\alpha$)n	-47909.39 keV
B11($\gamma, p+d+t+\alpha$)n	-37203.03 keV	B11($\gamma, p+2t+He3$)n	-51523.42 keV
B11($\gamma, n+d+He3+\alpha$)n	-37966.78 keV	B11($\gamma, n+t+2He3$)n	-52287.17 keV
B11($\gamma, n+2p+t+\alpha$)n	-39427.59 keV	B11($\gamma, 2d+t+He3$)n	-55556.08 keV
B11($\gamma, 2n+p+He3+\alpha$)n	-40191.35 keV	B11($\gamma, 2p+d+2t$)n	-57016.89 keV
B11($\gamma, 3d+\alpha$)n	-41235.69 keV	B11($\gamma, n+p+d+t+He3$)n	-57780.65 keV

<< 4-Be-9	6-C-12	6-C-13 >>
<< 5-B-11 MT114 ($\gamma, d+2\alpha$)	MT4 (γ, n) or MT5 (C11 production)	MT16 ($\gamma, 2n$) >>



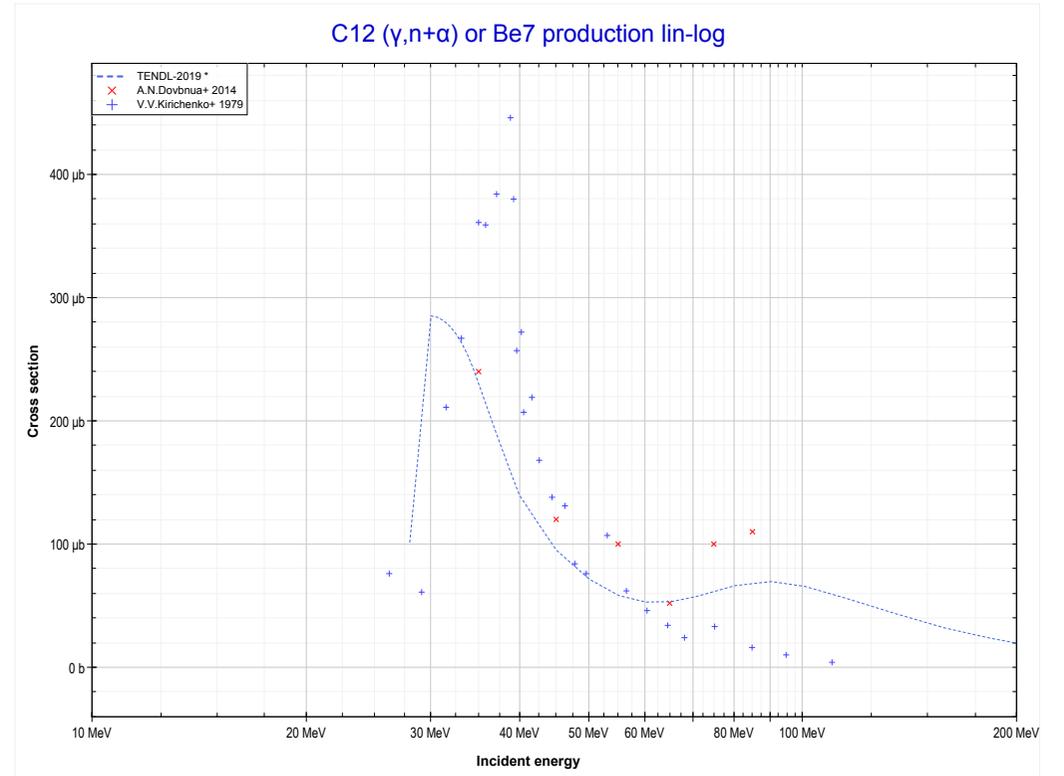
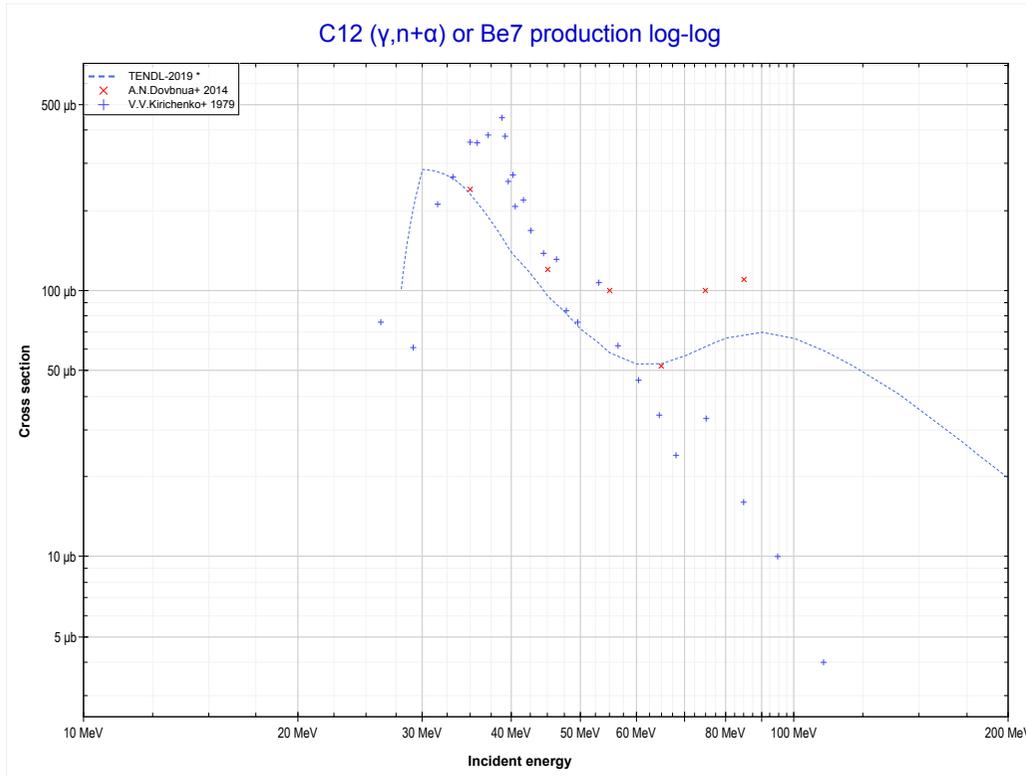
Reaction	Q-Value
C12(γ, n)C11	-18720.72 keV

<< 5-B-11	6-C-12	6-C-14 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (C10 production)	MT22 ($\gamma,n+\alpha$) >>



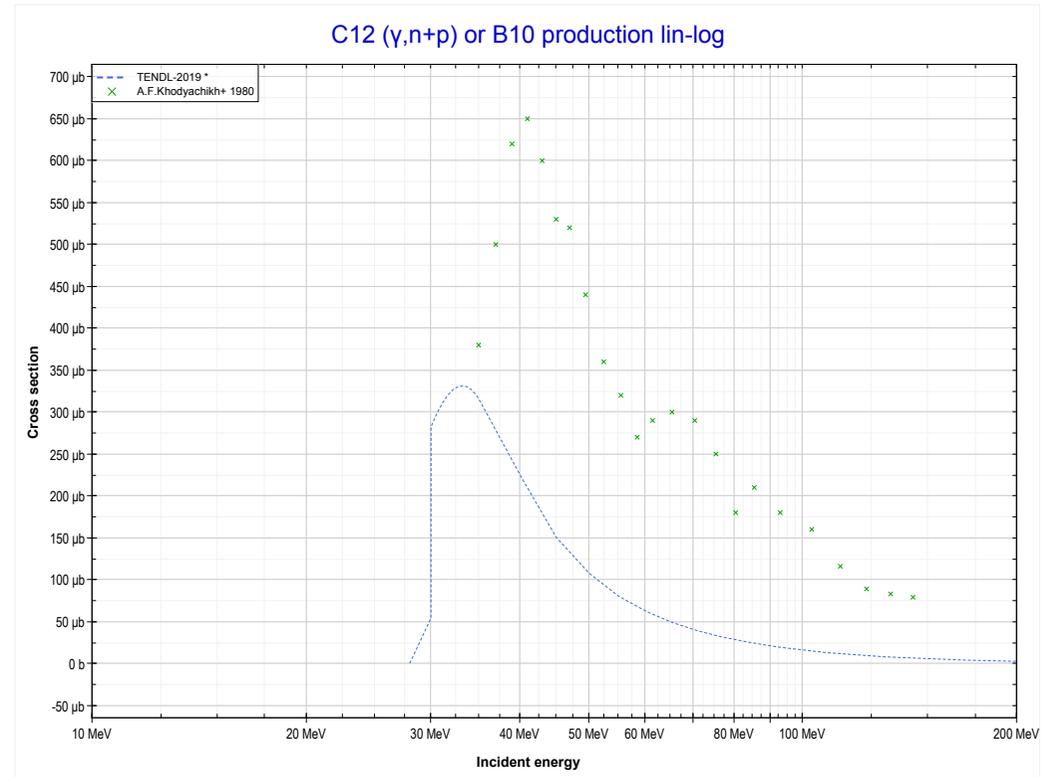
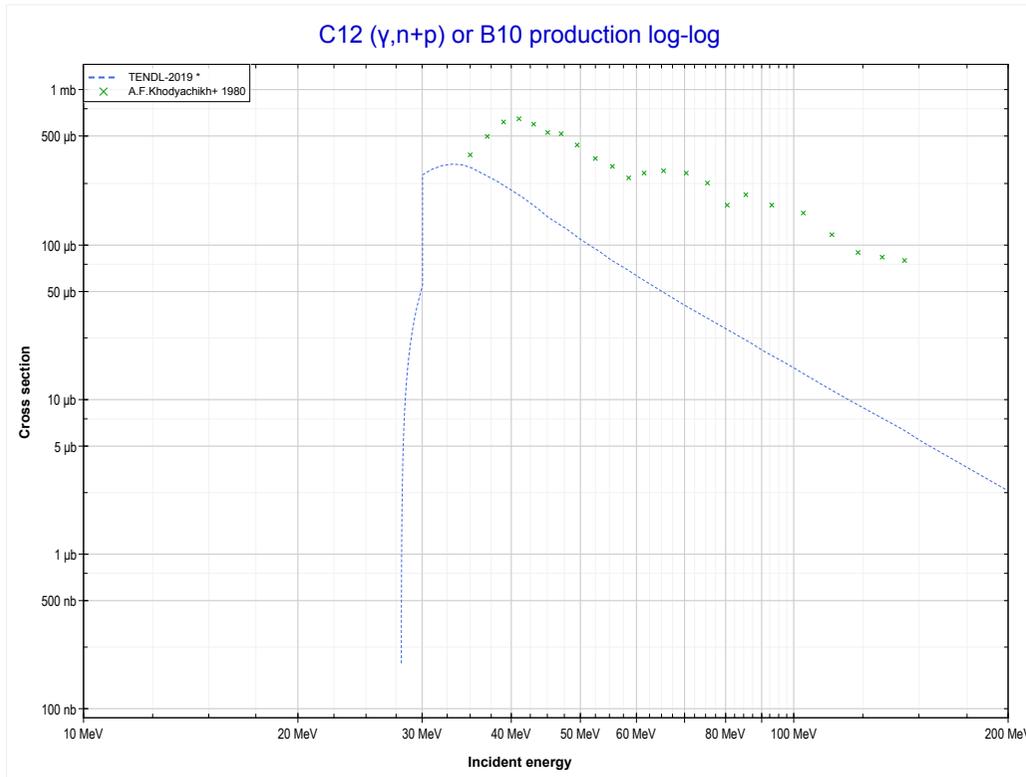
Reaction	Q-Value
C12($\gamma,2n$)C10	-31841.30 keV

<< 4-Be-9	6-C-12	
<< MT16 ($\gamma,2n$)	MT22 ($\gamma,n+\alpha$) or MT5 (Be7 production)	MT28 ($\gamma,n+p$) >>



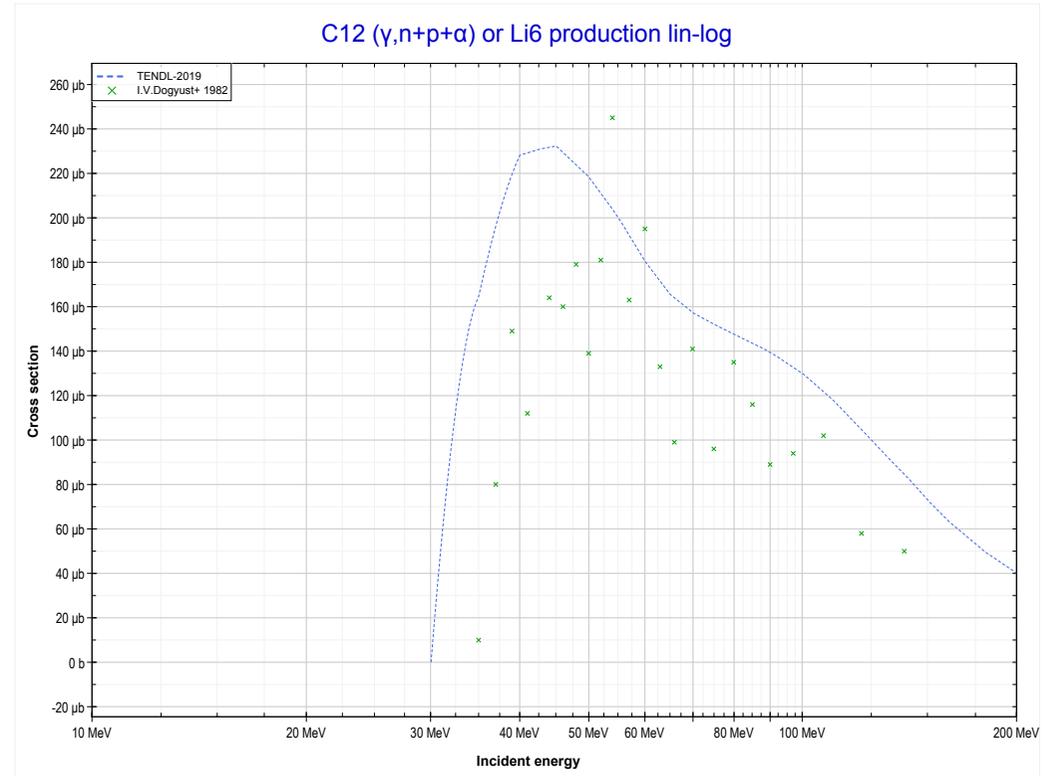
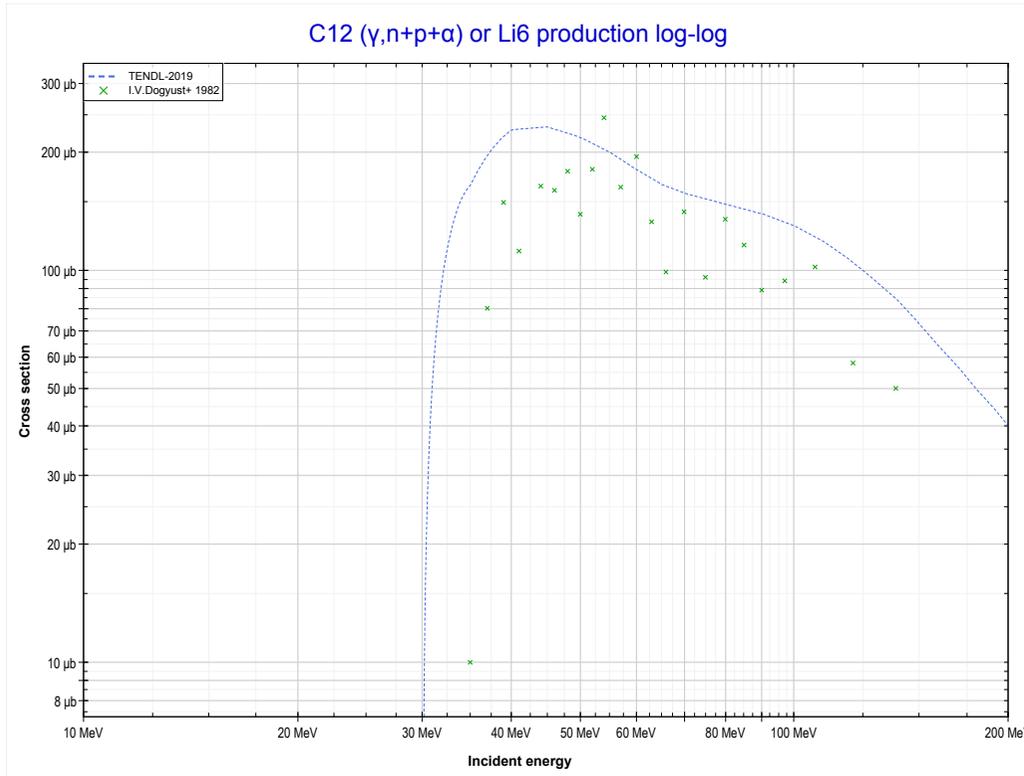
Reaction	Q-Value
C12($\gamma,n+\alpha$)Be7	-26265.23 keV
C12($\gamma,d+t$)Be7	-43854.53 keV
C12($\gamma,n+p+t$)Be7	-46079.10 keV
C12($\gamma,2n+He3$)Be7	-46842.85 keV
C12($\gamma,n+2d$)Be7	-50111.76 keV
C12($\gamma,2n+p+d$)Be7	-52336.33 keV
C12($\gamma,3n+2p$)Be7	-54560.89 keV

<< 3-Li-6	6-C-12	7-N-14 >>
<< MT22 ($\gamma, n + \alpha$)	MT28 ($\gamma, n + p$) or MT5 (B10 production)	MT45 ($\gamma, n + p + \alpha$) >>



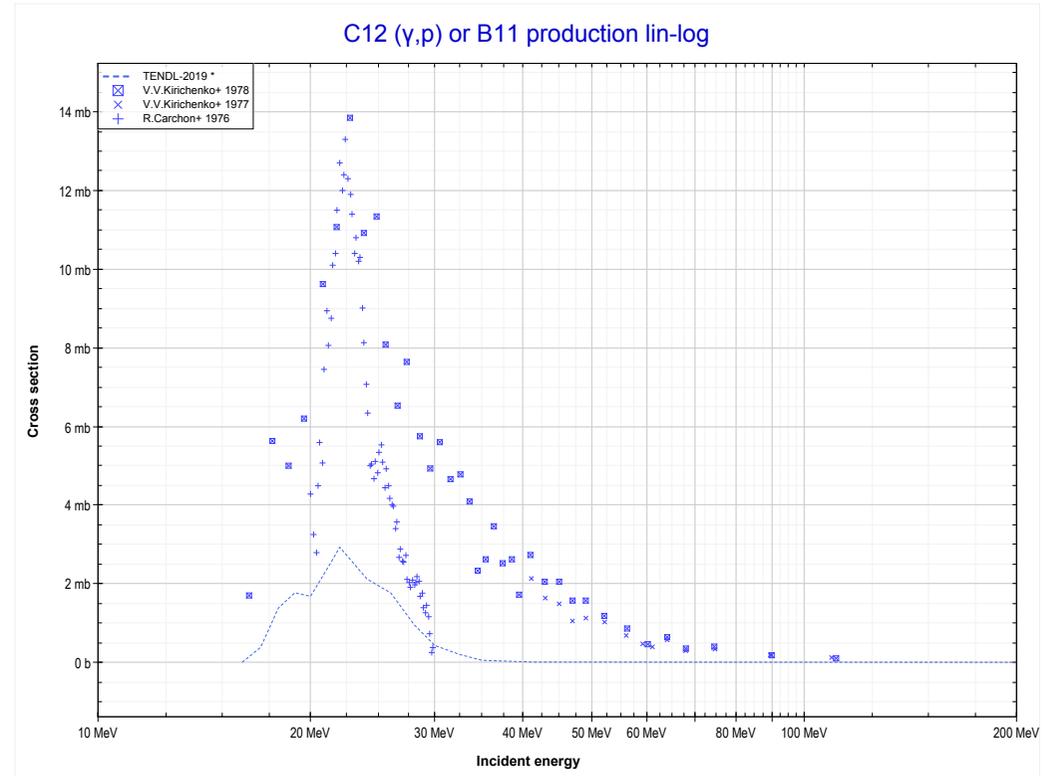
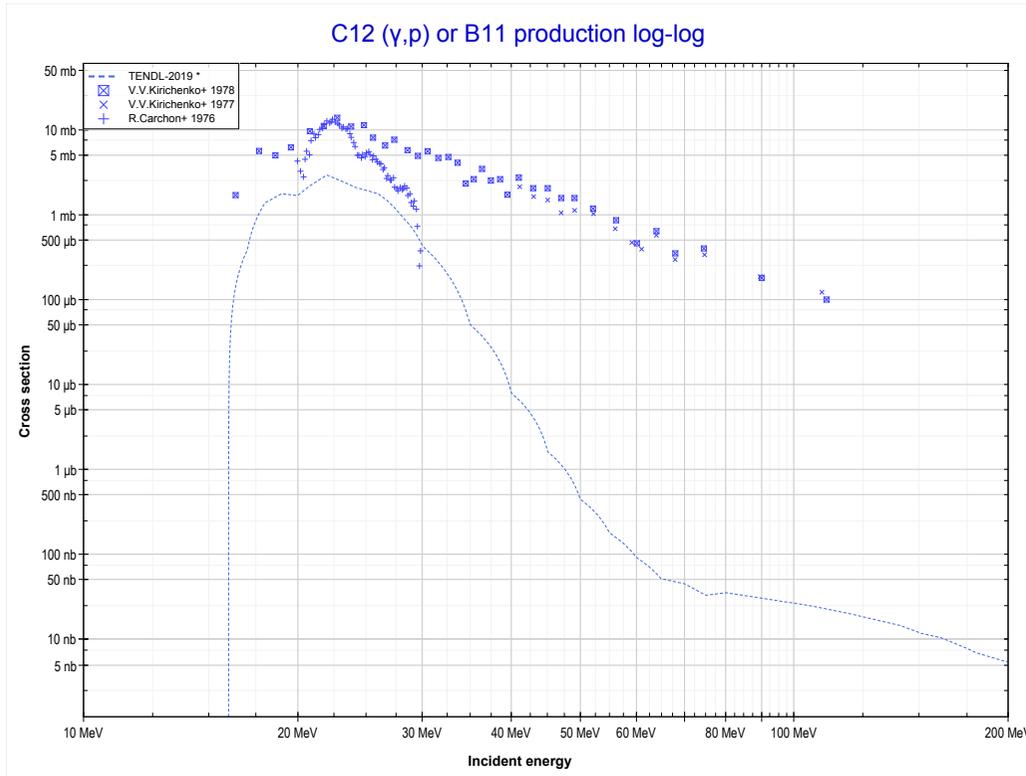
Reaction	Q-Value
C12(γ, d)B10	-25186.33 keV
C12($\gamma, n + p$)B10	-27410.90 keV

<< 3-Li-7	6-C-12	12-Mg-24 >>
<< MT28 ($\gamma, n+p$)	MT45 ($\gamma, n+p+\alpha$) or MT5 (Li6 production)	MT103 (γ, p) >>



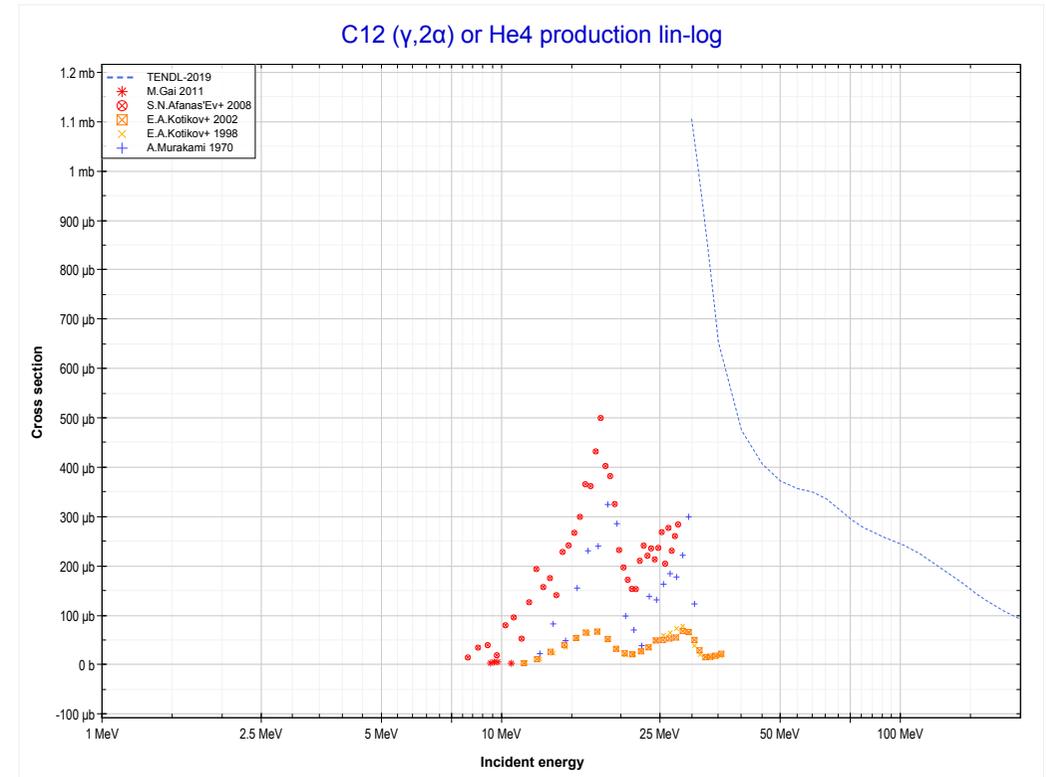
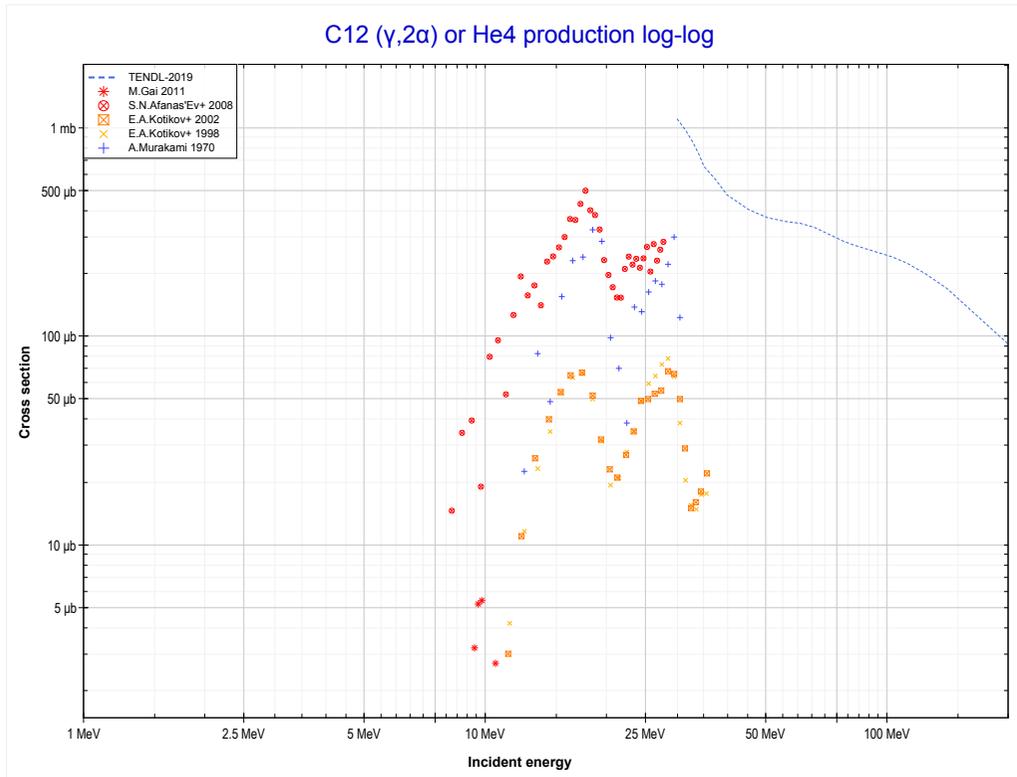
Reaction	Q-Value	Reaction	Q-Value
C12($\gamma, d+\alpha$)Li6	-29647.52 keV	C12($\gamma, n+p+2d$)Li6	-55718.61 keV
C12($\gamma, n+p+\alpha$)Li6	-31872.08 keV	C12($\gamma, 2n+2p+d$)Li6	-57943.18 keV
C12($\gamma, t+He3$)Li6	-43967.91 keV	C12($\gamma, 3n+3p$)Li6	-60167.74 keV
C12($\gamma, p+d+t$)Li6	-49461.38 keV		
C12($\gamma, n+d+He3$)Li6	-50225.14 keV		
C12($\gamma, n+2p+t$)Li6	-51685.95 keV		
C12($\gamma, 2n+p+He3$)Li6	-52449.70 keV		
C12($\gamma, 3d$)Li6	-53494.04 keV		

<< 5-B-11	6-C-12	6-C-13 >>
<< MT45 ($\gamma, n+p+\alpha$)	MT103 (γ, p) or MT5 (B11 production)	MT108 ($\gamma, 2\alpha$) >>



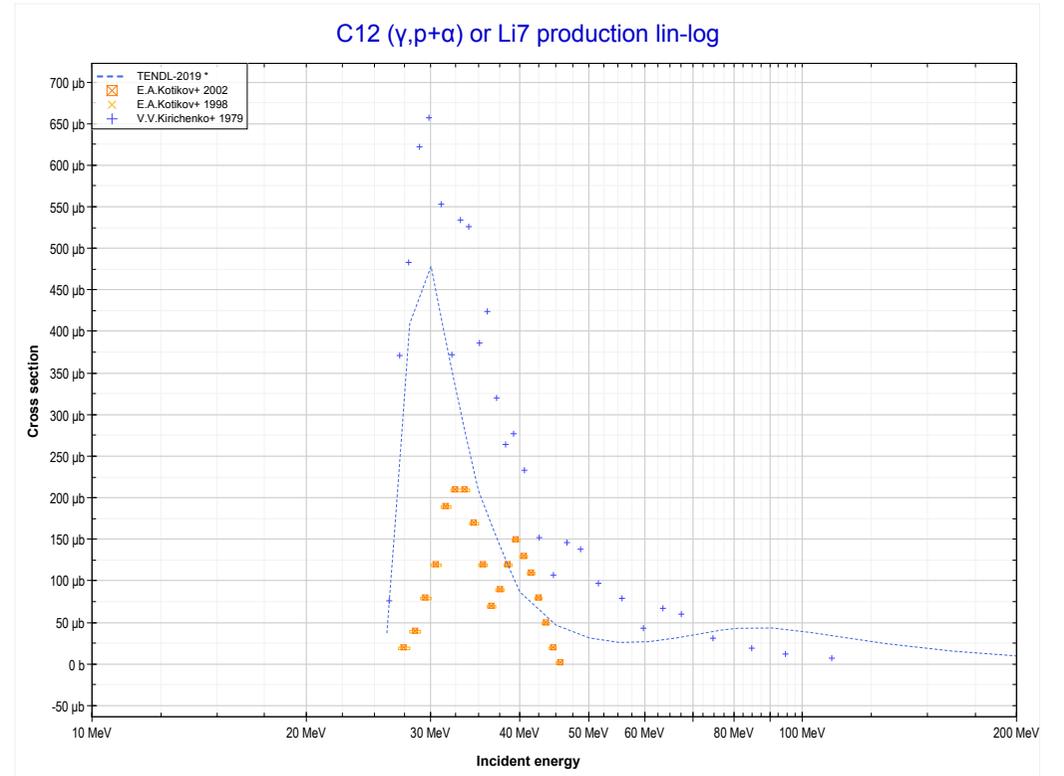
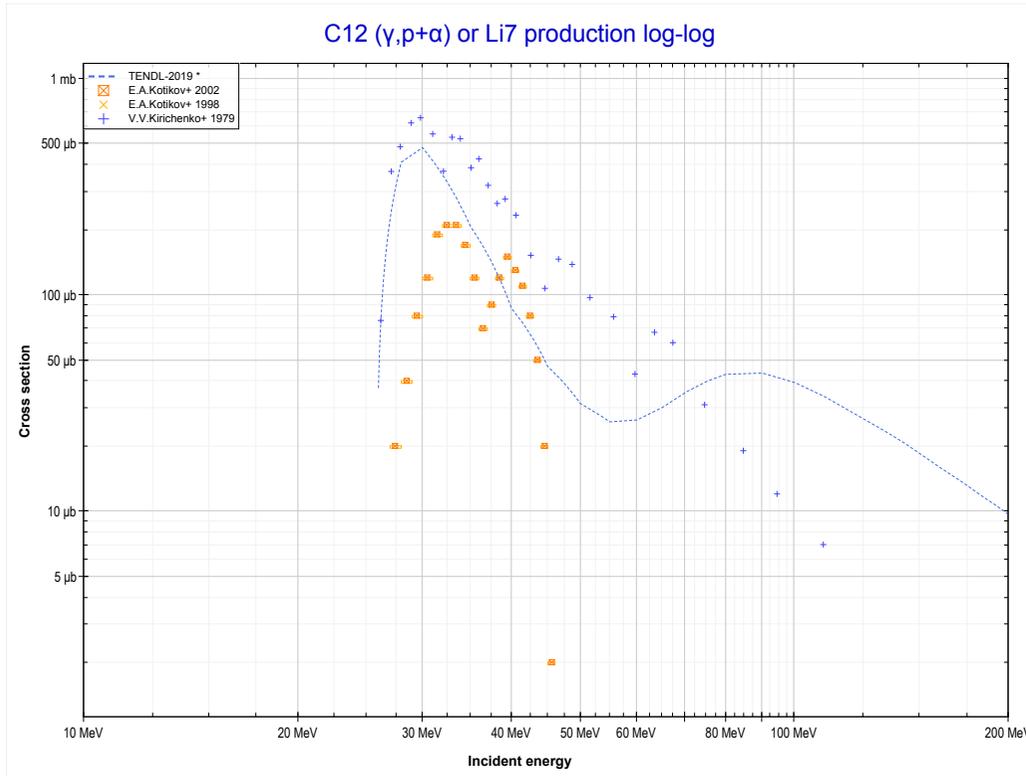
Reaction	Q-Value
C12(γ, p)B11	-15956.68 keV

<< 4-Be-9	6-C-12	
<< MT103 (γ,p)	MT108 (γ,2α) or MT5 (He4 production)	MT112 (γ,p+α) >>



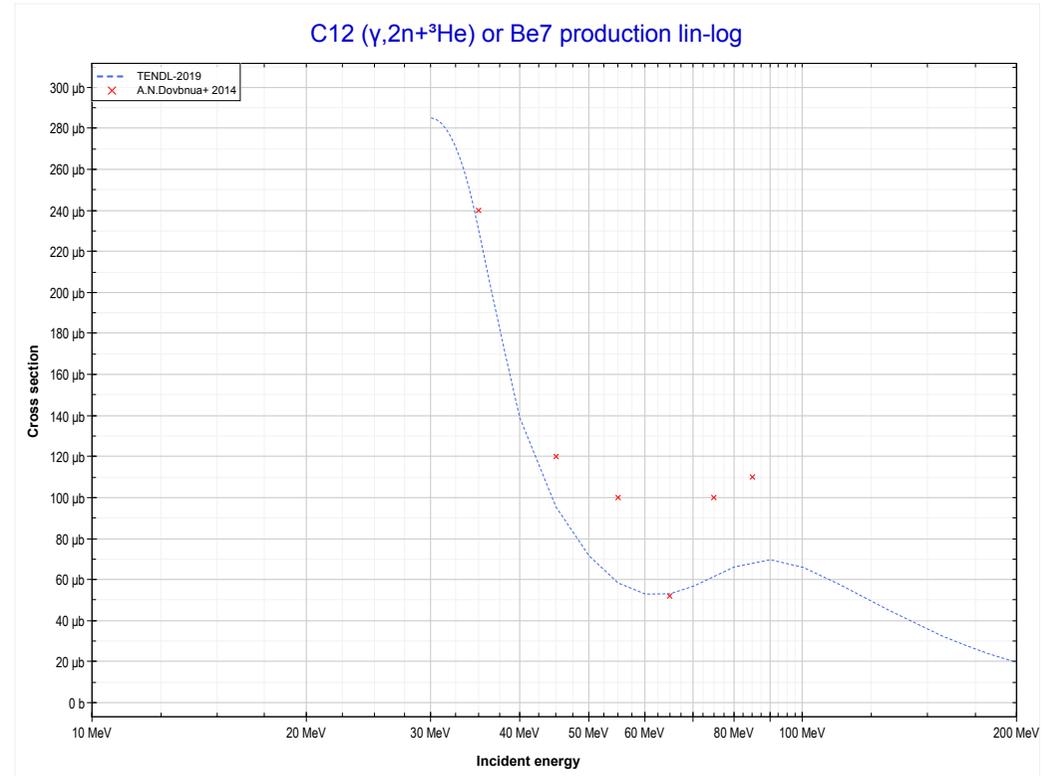
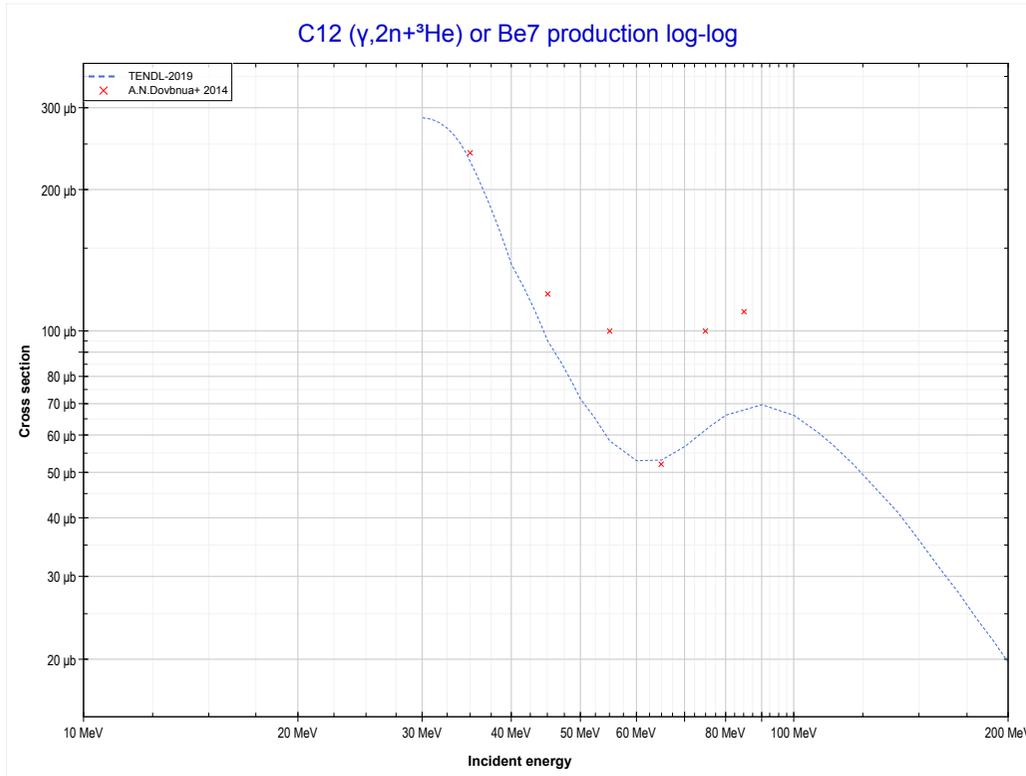
Reaction	Q-Value	Reaction	Q-Value
C12(γ,2α)He4	-7274.75 keV	C12(γ,n+p+t+He3)He4	-47666.23 keV
C12(γ,p+t+α)He4	-27088.61 keV	C12(γ,2n+2He3)He4	-48429.99 keV
C12(γ,n+He3+α)He4	-27852.37 keV	C12(γ,p+2d+t)He4	-50935.14 keV
C12(γ,2d+α)He4	-31121.27 keV	C12(γ,n+2d+He3)He4	-51698.89 keV
C12(γ,n+p+d+α)He4	-33345.84 keV	C12(γ,n+2p+d+t)He4	-53159.71 keV
C12(γ,2n+2p+α)He4	-35570.41 keV	C12(γ,2n+p+d+He3)He4	-53923.46 keV
C12(γ,d+t+He3)He4	-45441.67 keV	C12(γ,4d)He4	-54967.80 keV
C12(γ,2p+2t)He4	-46902.48 keV	C12(γ,2n+3p+t)He4	-55384.27 keV

<< 3-Li-6	6-C-12	
<< MT108 ($\gamma,2\alpha$)	MT112 ($\gamma,p+\alpha$) or MT5 (Li7 production)	MT176 ($\gamma,2n+^3\text{He}$) >>



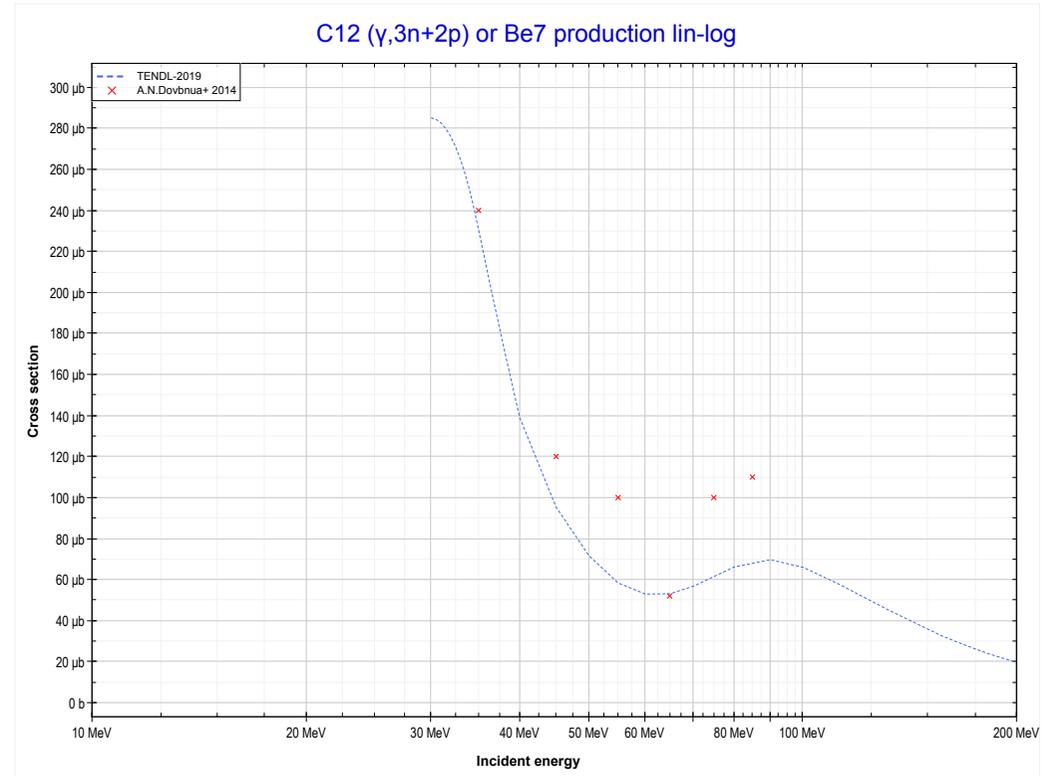
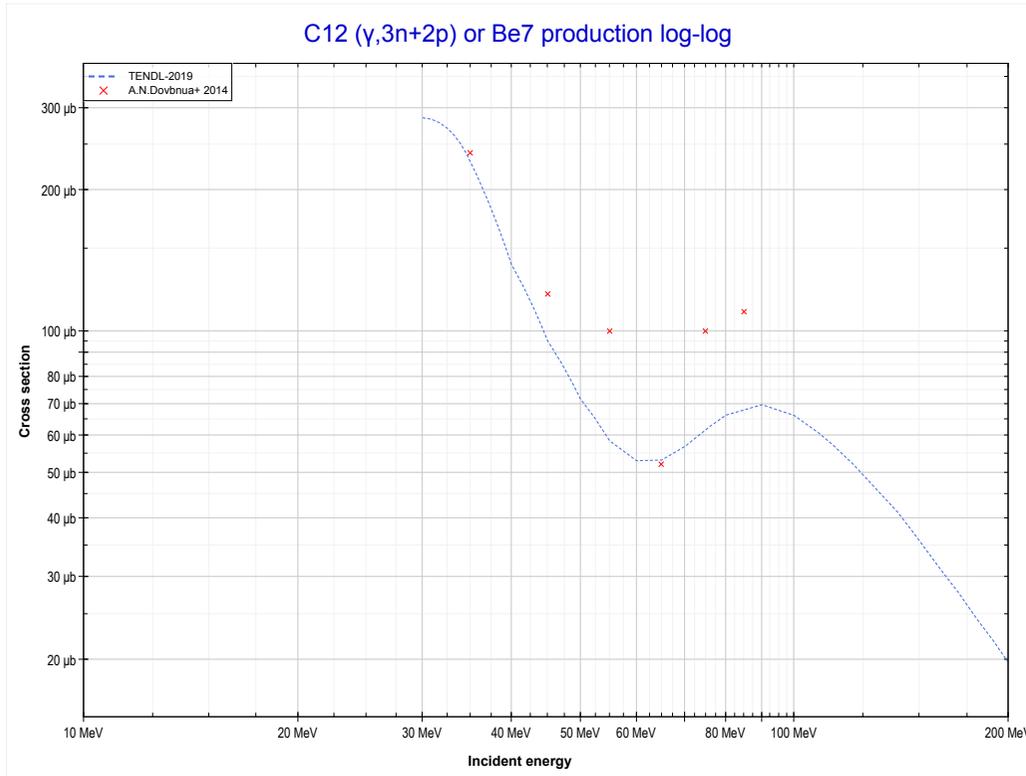
Reaction	Q-Value
C12($\gamma,p+\alpha$)Li7	-24620.99 keV
C12($\gamma,d+\text{He}3$)Li7	-42974.04 keV
C12($\gamma,2p+t$)Li7	-44434.86 keV
C12($\gamma,n+p+\text{He}3$)Li7	-45198.61 keV
C12($\gamma,p+2d$)Li7	-48467.52 keV
C12($\gamma,n+2p+d$)Li7	-50692.09 keV
C12($\gamma,2n+3p$)Li7	-52916.65 keV

	6-C-12	
<< MT112 ($\gamma, p + \alpha$)	MT176 ($\gamma, 2n + ^3\text{He}$) or MT5 (Be7 production)	MT179 ($\gamma, 3n + 2p$) >>



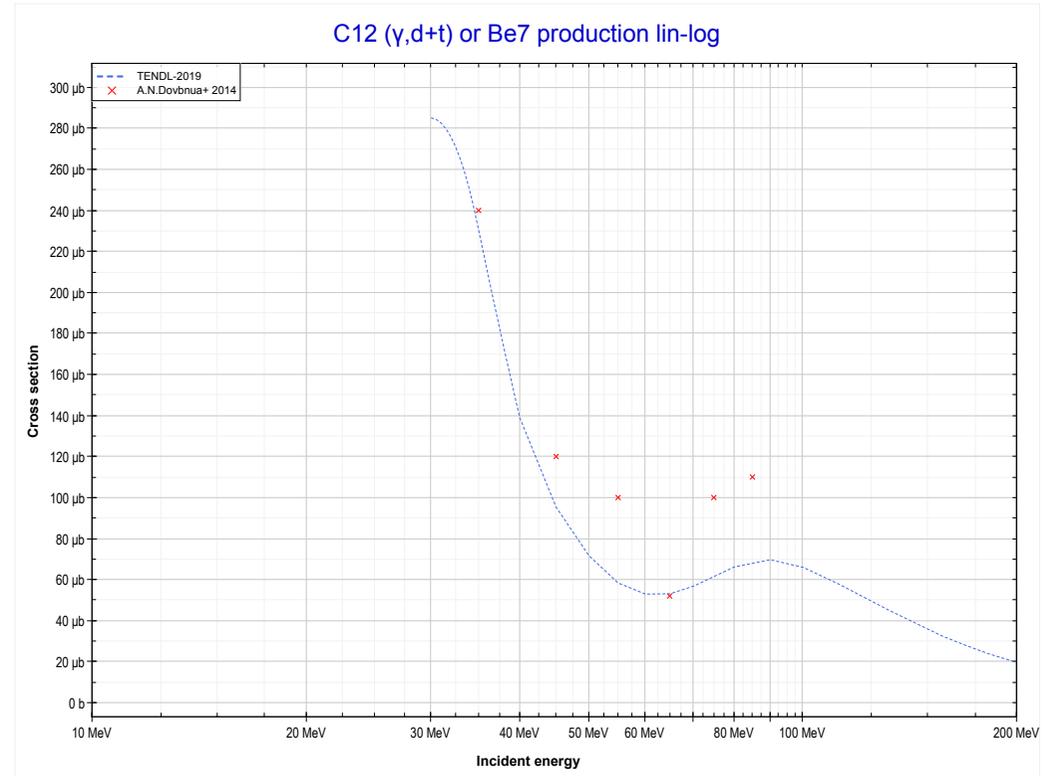
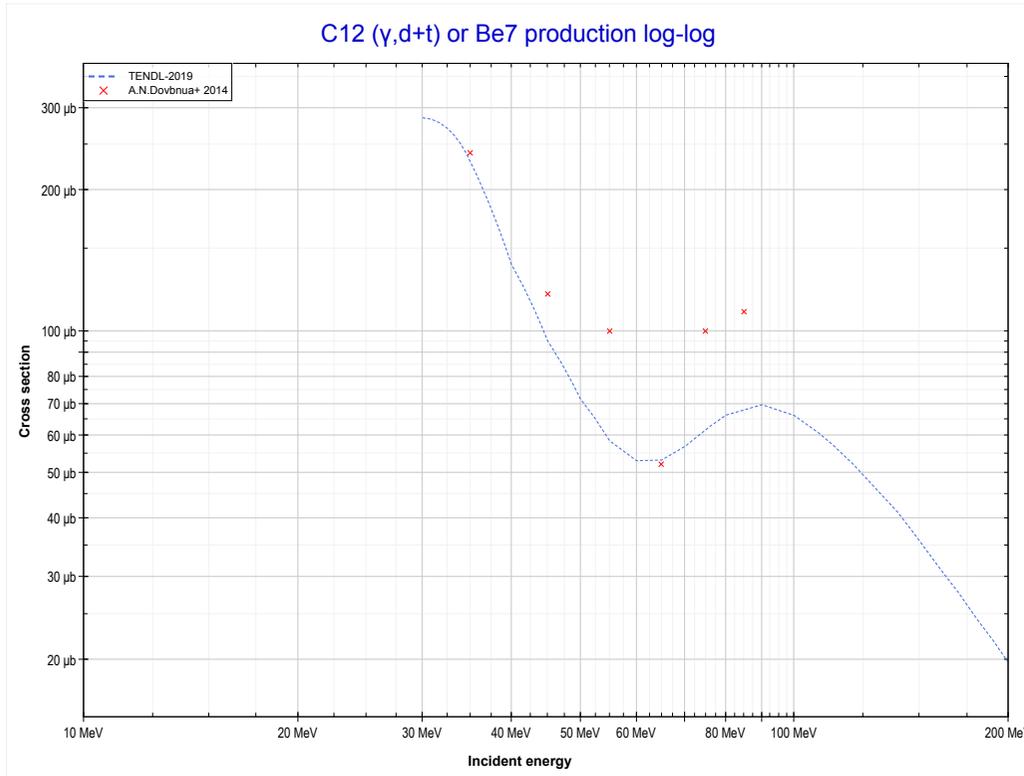
Reaction	Q-Value
C12($\gamma, n + \alpha$)Be7	-26265.23 keV
C12($\gamma, d + t$)Be7	-43854.53 keV
C12($\gamma, n + p + t$)Be7	-46079.10 keV
C12($\gamma, 2n + \text{He3}$)Be7	-46842.85 keV
C12($\gamma, n + 2d$)Be7	-50111.76 keV
C12($\gamma, 2n + p + d$)Be7	-52336.33 keV
C12($\gamma, 3n + 2p$)Be7	-54560.89 keV

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



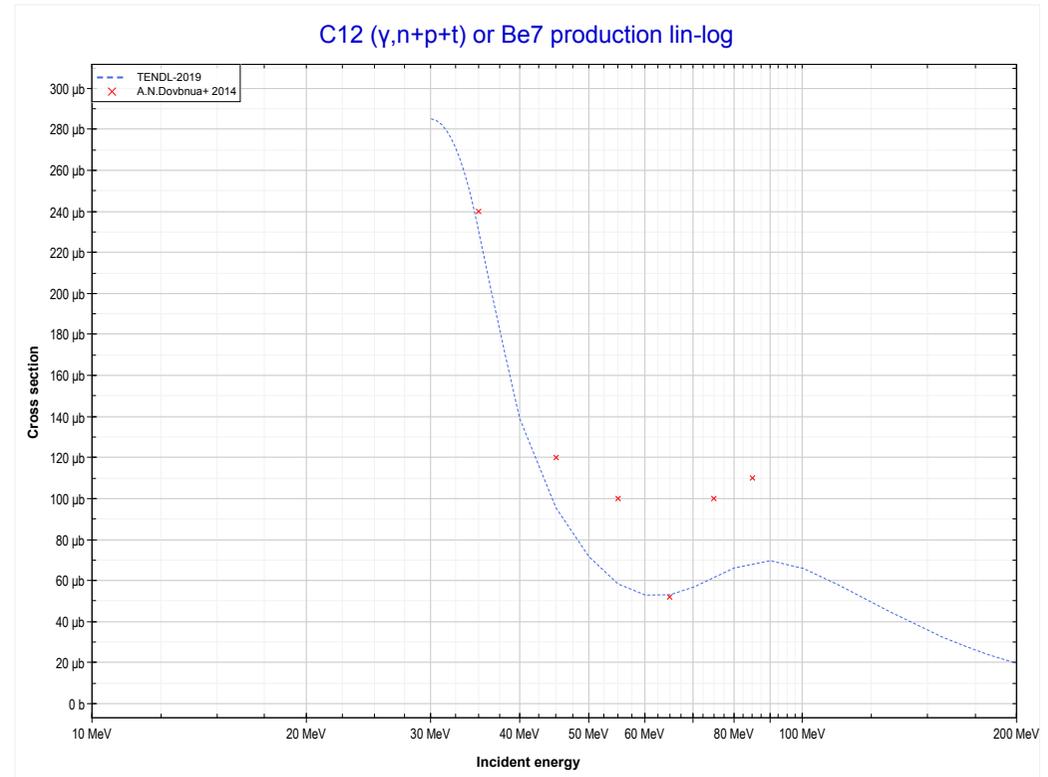
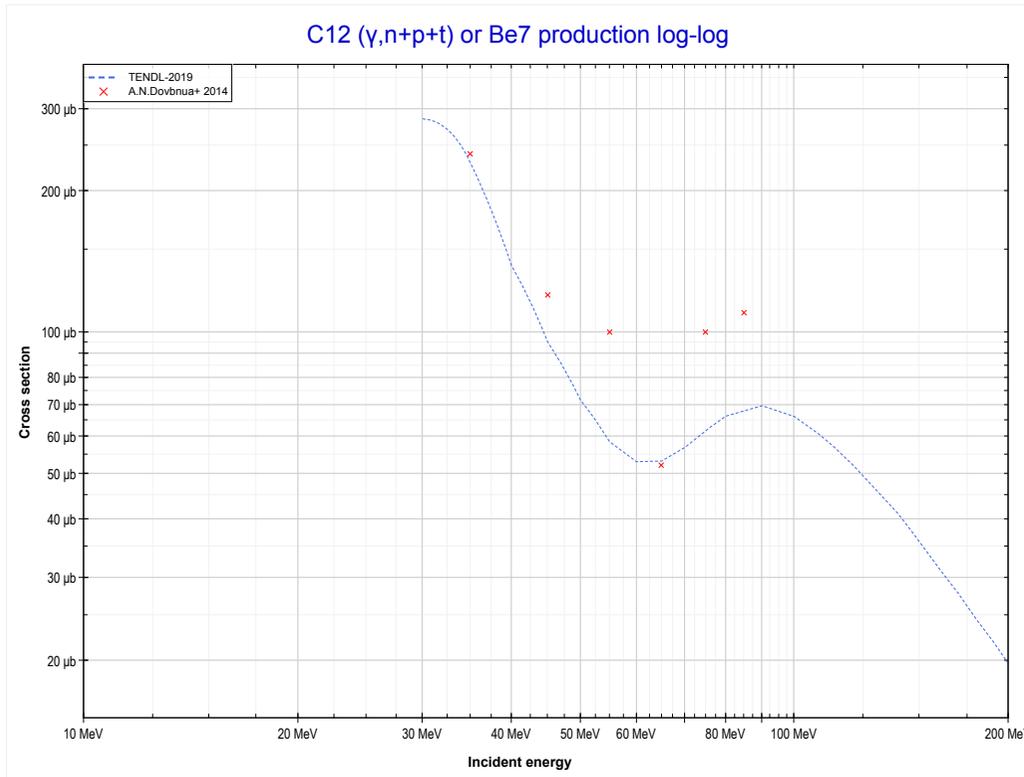
Reaction	Q-Value
C12($\gamma,n+\alpha$)Be7	-26265.23 keV
C12($\gamma,d+t$)Be7	-43854.53 keV
C12($\gamma,n+p+t$)Be7	-46079.10 keV
C12($\gamma,2n+^3\text{He}$)Be7	-46842.85 keV
C12($\gamma,n+2d$)Be7	-50111.76 keV
C12($\gamma,2n+p+d$)Be7	-52336.33 keV
C12($\gamma,3n+2p$)Be7	-54560.89 keV

	6-C-12	
<< MT179 ($\gamma,3n+2p$)	MT182 ($\gamma,d+t$) or MT5 (Be7 production)	MT184 ($\gamma,n+p+t$) >>



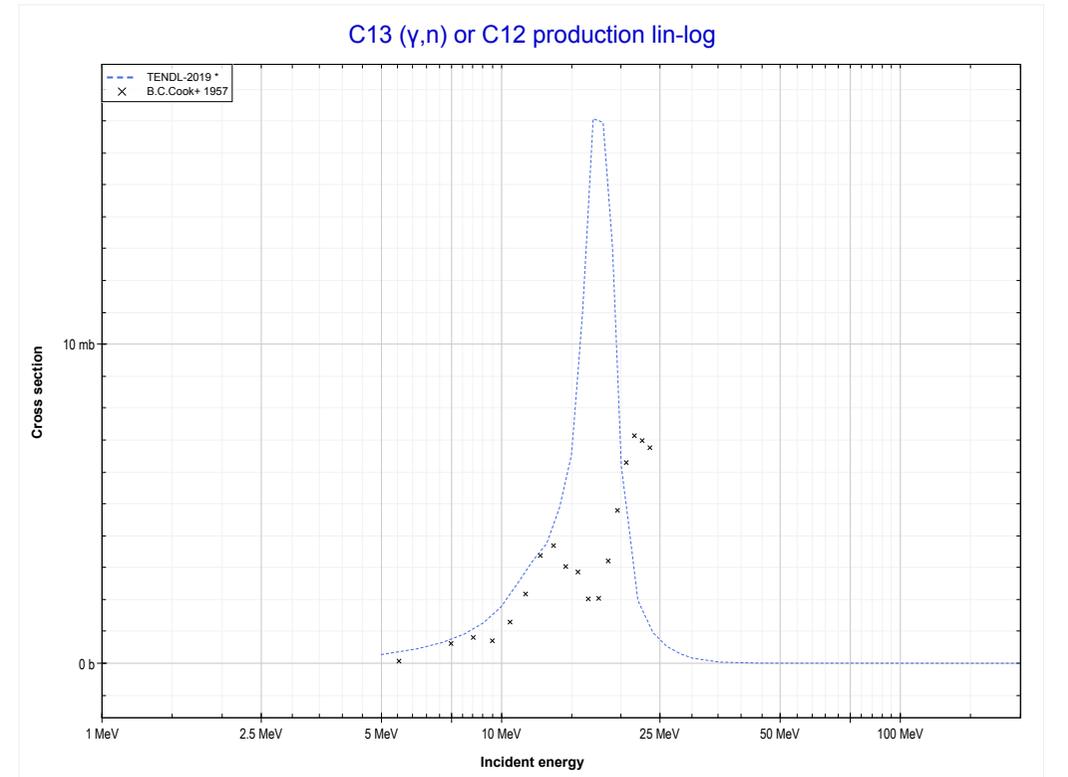
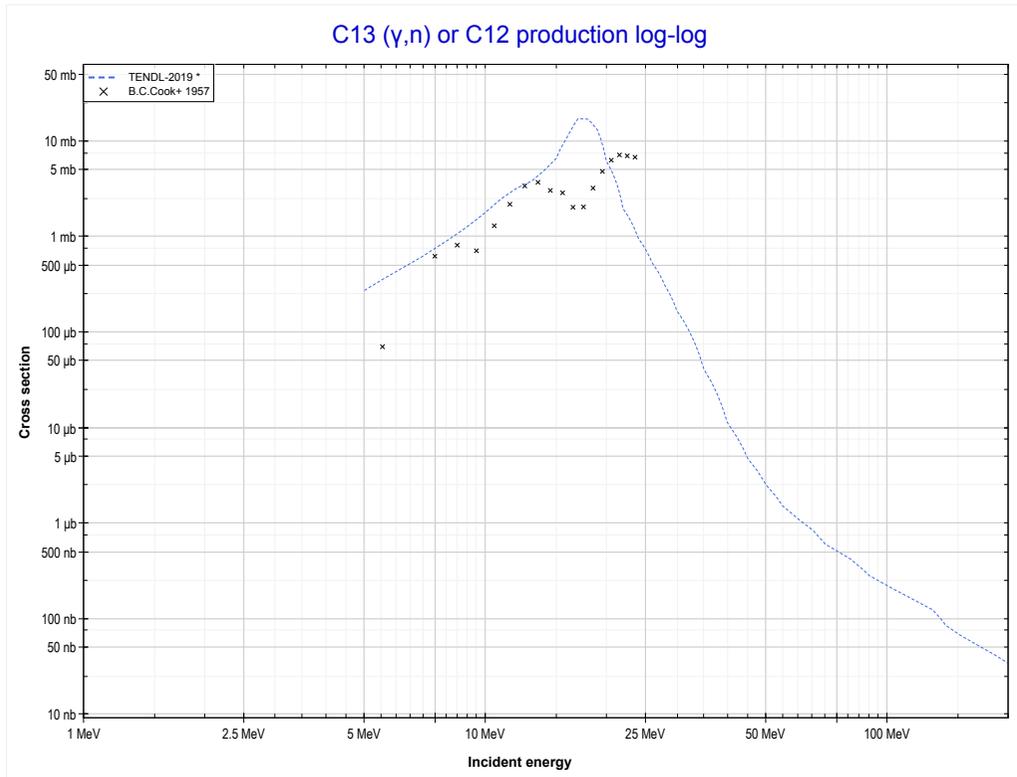
Reaction	Q-Value
C12($\gamma,n+\alpha$)Be7	-26265.23 keV
C12($\gamma,d+t$)Be7	-43854.53 keV
C12($\gamma,n+p+t$)Be7	-46079.10 keV
C12($\gamma,2n+He3$)Be7	-46842.85 keV
C12($\gamma,n+2d$)Be7	-50111.76 keV
C12($\gamma,2n+p+d$)Be7	-52336.33 keV
C12($\gamma,3n+2p$)Be7	-54560.89 keV

	6-C-12	
<< MT182 ($\gamma, d+t$)	MT184 ($\gamma, n+p+t$) or MT5 (Be7 production)	6-C-13 MT4 (γ, n) >>



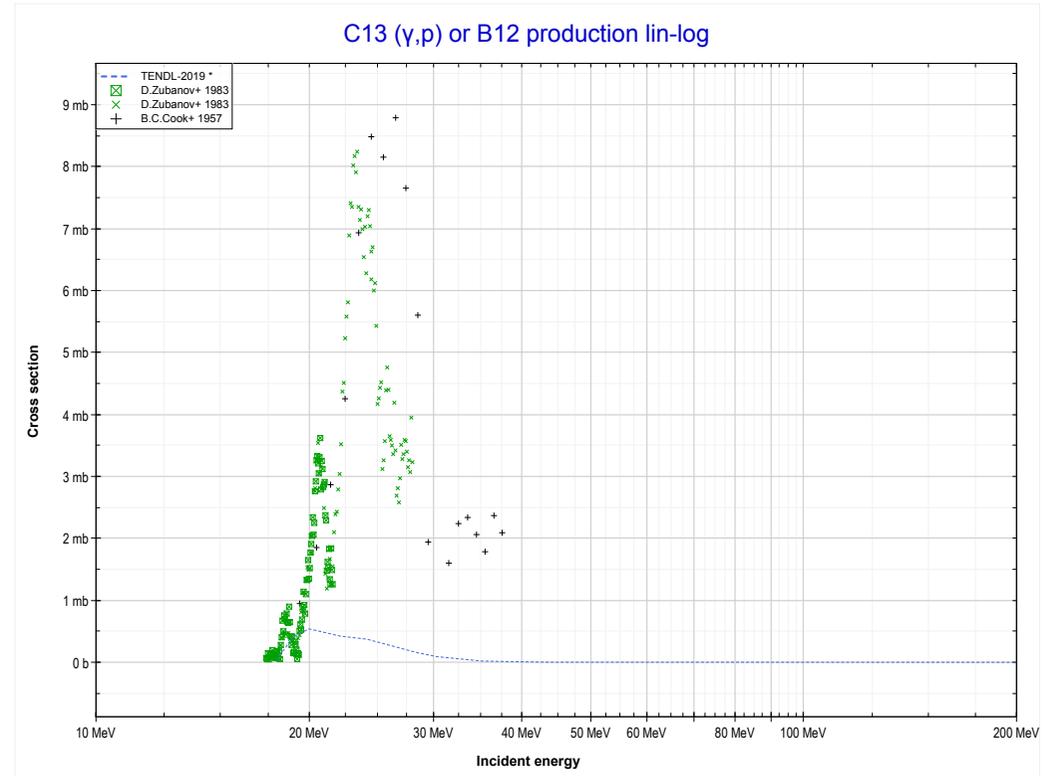
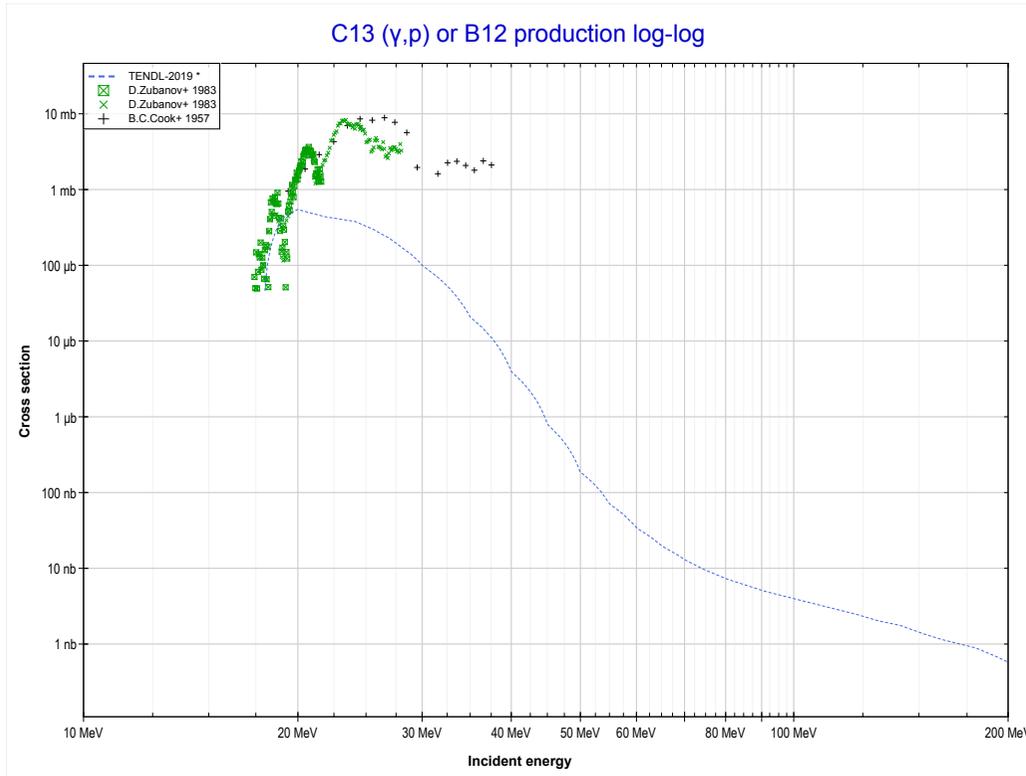
Reaction	Q-Value
C12($\gamma, n+\alpha$)Be7	-26265.23 keV
C12($\gamma, d+t$)Be7	-43854.53 keV
C12($\gamma, n+p+t$)Be7	-46079.10 keV
C12($\gamma, 2n+He3$)Be7	-46842.85 keV
C12($\gamma, n+2d$)Be7	-50111.76 keV
C12($\gamma, 2n+p+d$)Be7	-52336.33 keV
C12($\gamma, 3n+2p$)Be7	-54560.89 keV

<< 6-C-12	6-C-13	7-N-14 >>
<< 6-C-12 MT184 ($\gamma, n+p+t$)	MT4 (γ, n) or MT5 (C12 production)	MT103 (γ, p) >>



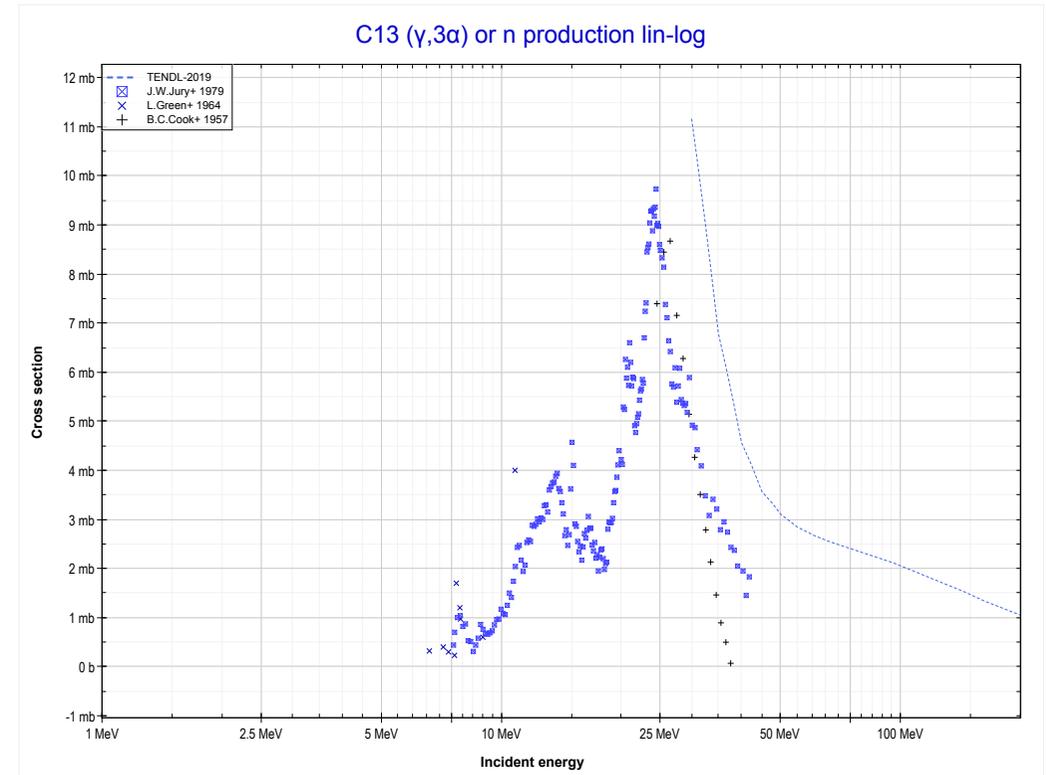
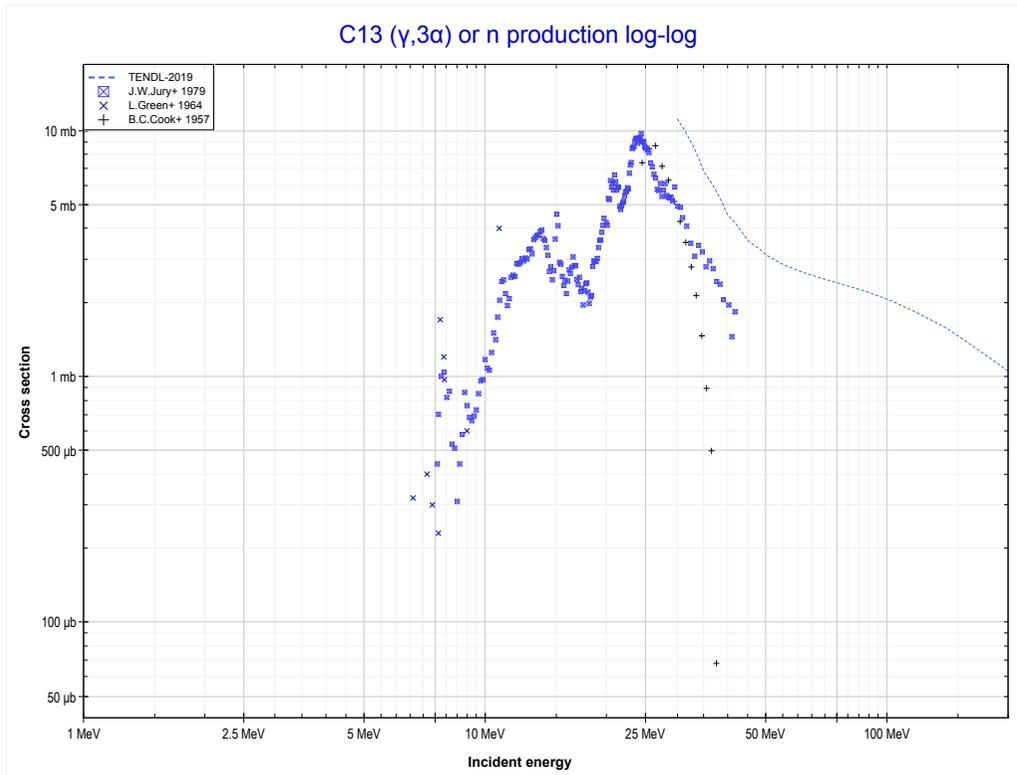
Reaction	Q-Value
C13(γ, n)C12	-4946.31 keV

<< 6-C-12	6-C-13	7-N-15 >>
<< MT4 (γ, n)	MT103 (γ, p) or MT5 (B12 production)	MT109 ($\gamma, 3\alpha$) >>



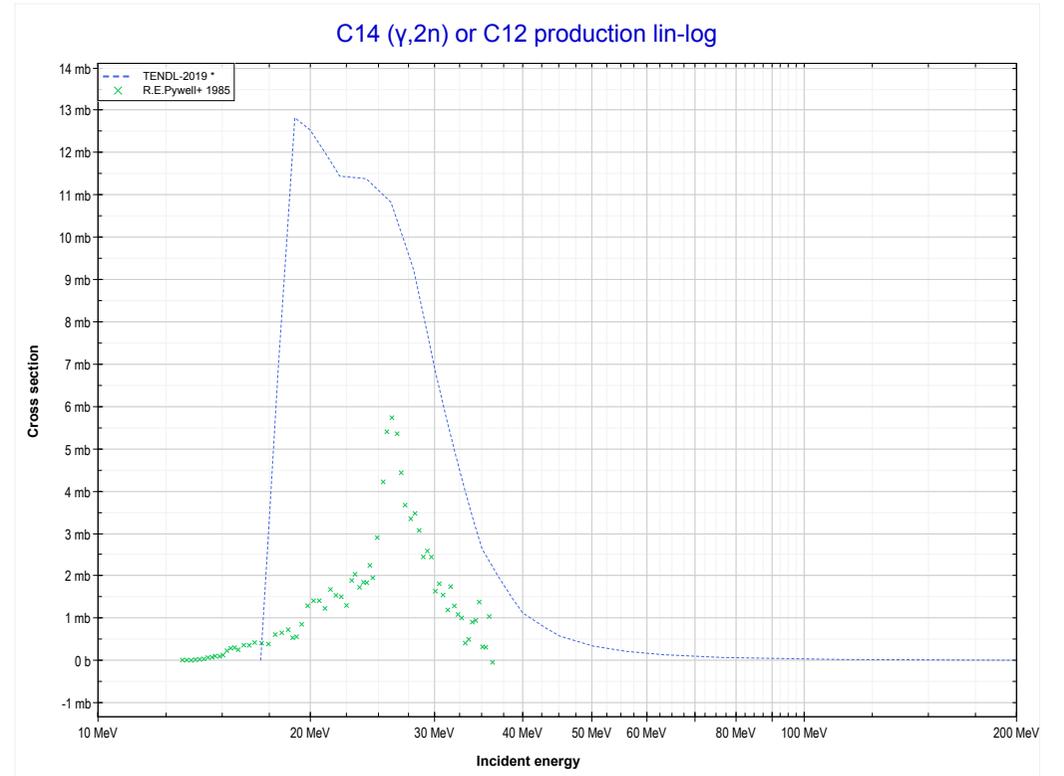
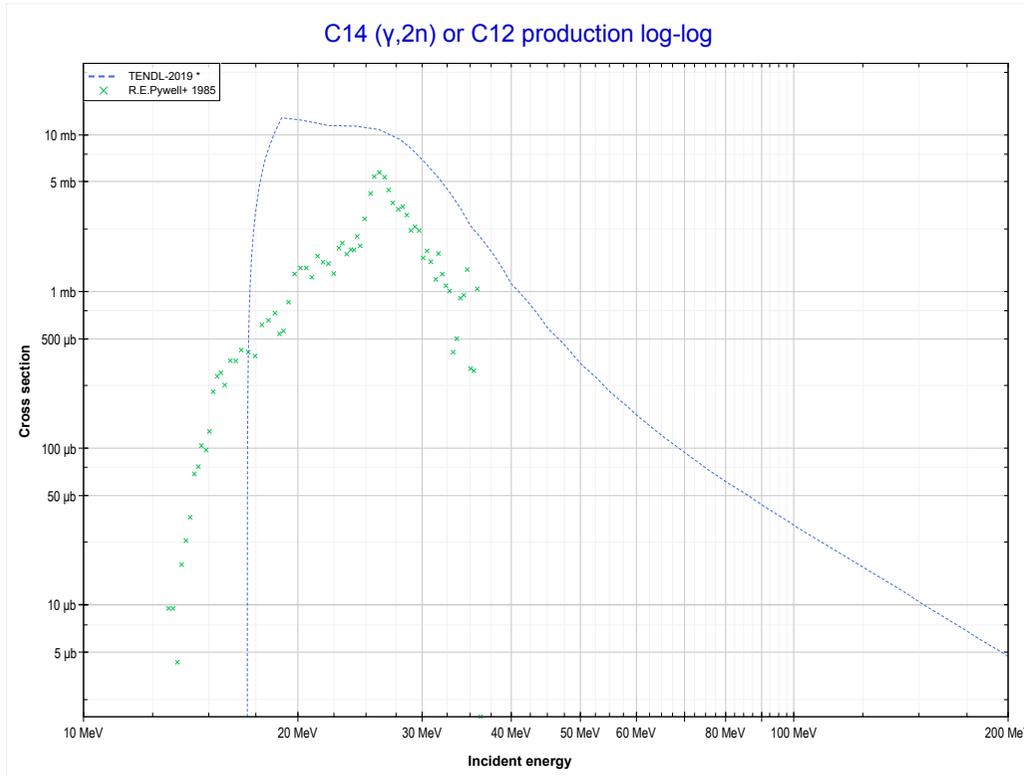
Reaction	Q-Value
C13(γ, p)B12	-17533.36 keV

	6-C-13	8-O-16 >>
<< MT103 (γ, p)	MT109 ($\gamma, 3\alpha$) or MT5 (n production)	6-C-14 MT16 ($\gamma, 2n$) >>



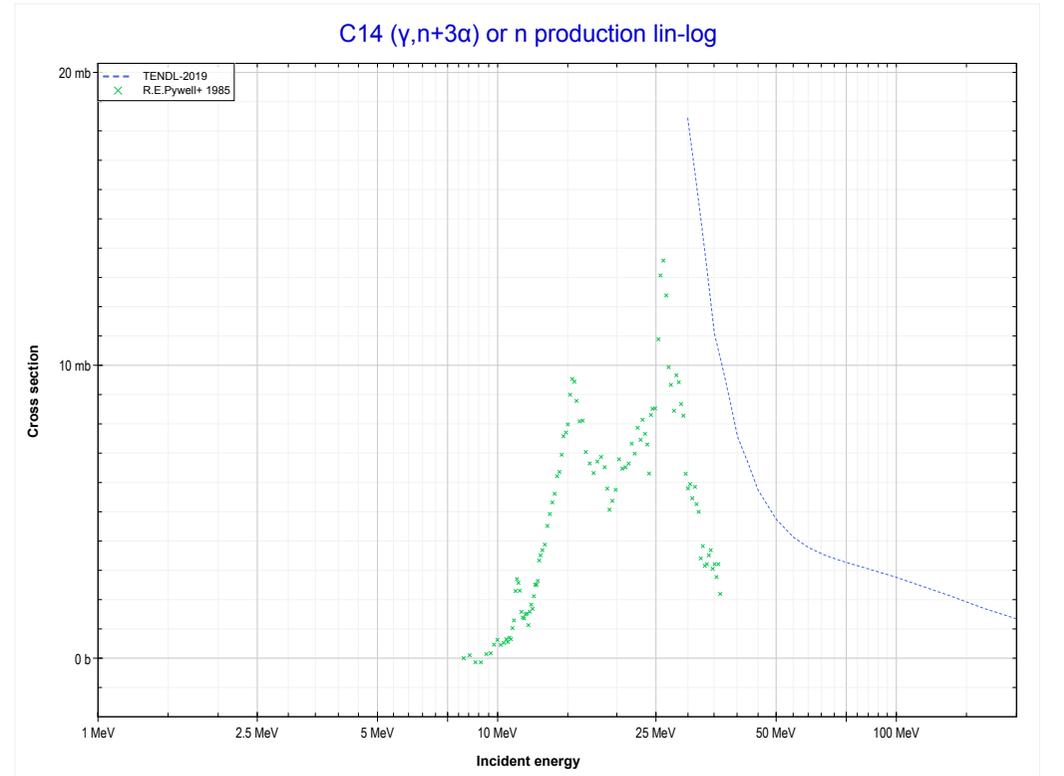
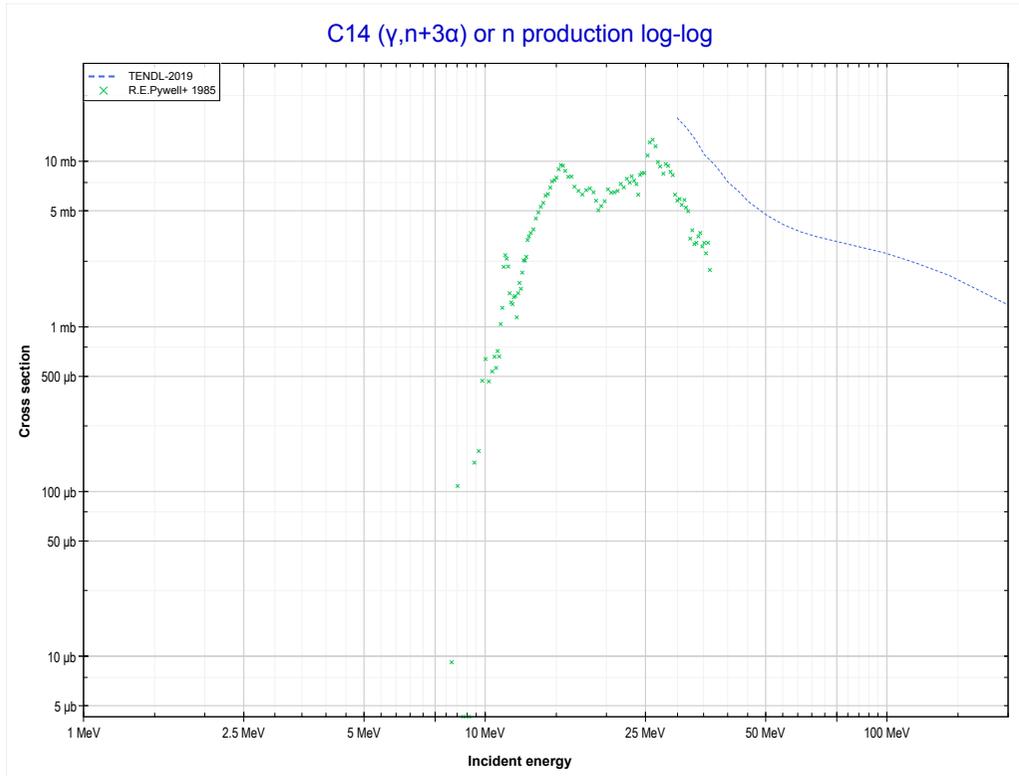
Reaction	Q-Value	Reaction	Q-Value
C13($\gamma, 3\alpha$)n	-12221.06 keV	C13($\gamma, n+p+t+He3+\alpha$)n	-52612.54 keV
C13($\gamma, p+t+2\alpha$)n	-32034.92 keV	C13($\gamma, 2n+2He3+\alpha$)n	-53376.29 keV
C13($\gamma, n+He3+2\alpha$)n	-32798.67 keV	C13($\gamma, p+2d+t+\alpha$)n	-55881.45 keV
C13($\gamma, 2d+2\alpha$)n	-36067.58 keV	C13($\gamma, n+2d+He3+\alpha$)n	-56645.20 keV
C13($\gamma, n+p+d+2\alpha$)n	-38292.15 keV	C13($\gamma, n+2p+d+t+\alpha$)n	-58106.01 keV
C13($\gamma, 2n+2p+2\alpha$)n	-40516.71 keV	C13($\gamma, 2n+p+d+He3+\alpha$)n	-58869.77 keV
C13($\gamma, d+t+He3+\alpha$)n	-50387.97 keV	C13($\gamma, 4d+\alpha$)n	-59914.11 keV
C13($\gamma, 2p+2t+\alpha$)n	-51848.78 keV	C13($\gamma, 2n+3p+t+\alpha$)n	-60330.58 keV

<< 6-C-12	6-C-14	8-O-16 >>
<< 6-C-13 MT109 ($\gamma,3\alpha$)	MT16 ($\gamma,2n$) or MT5 (C12 production)	MT23 ($\gamma,n+3\alpha$) >>



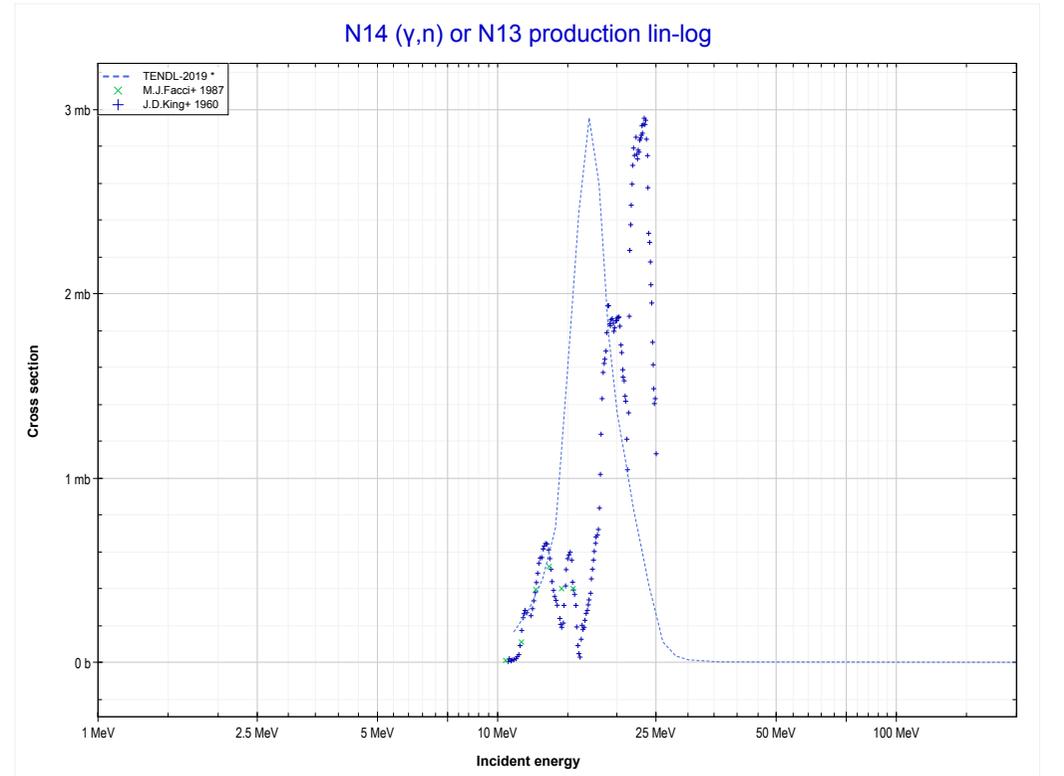
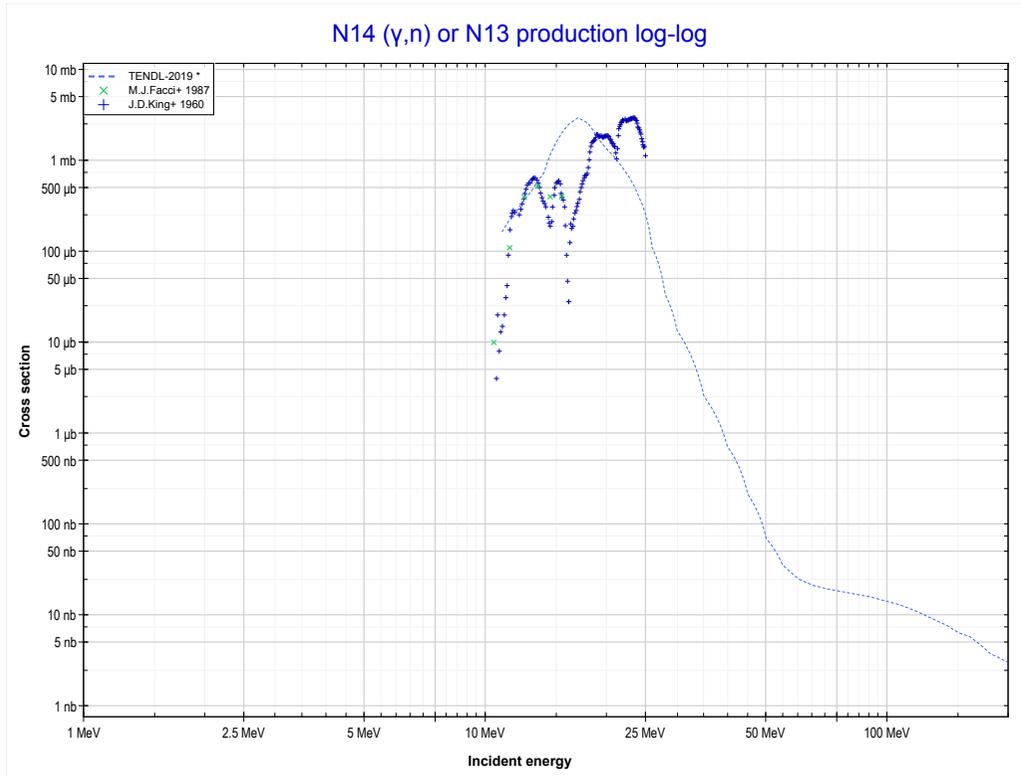
Reaction	Q-Value
C14($\gamma,2n$)C12	-13122.74 keV

	6-C-14	
<< MT16 ($\gamma,2n$)	MT23 ($\gamma,n+3\alpha$) or MT5 (n production)	7-N-14 MT4 (γ,n) >>



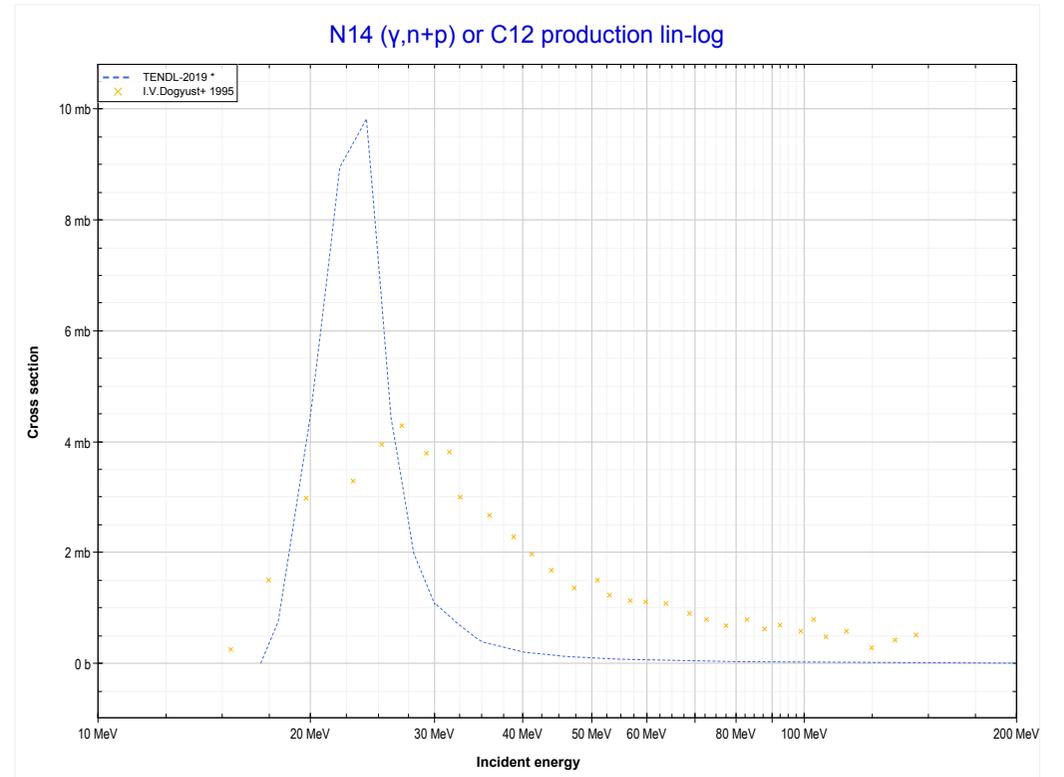
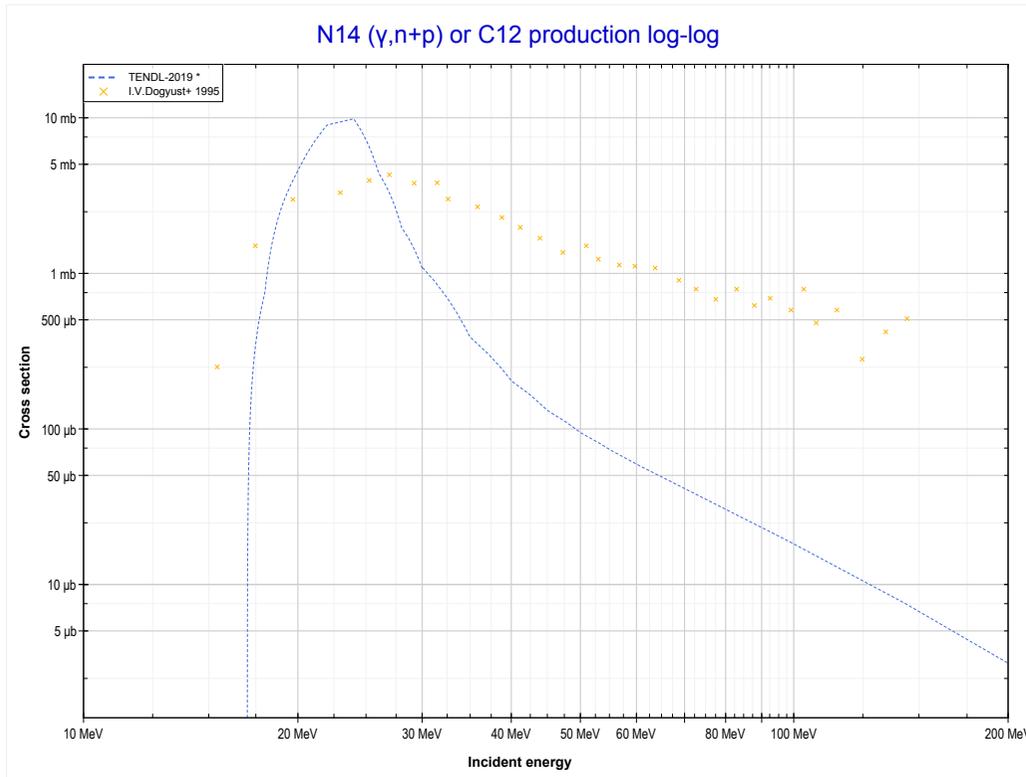
Reaction	Q-Value	Reaction	Q-Value
C14($\gamma,n+3\alpha$)n	-20397.49 keV	C14($\gamma,p+d+2t+\alpha$)n	-57800.65 keV
C14($\gamma,d+t+2\alpha$)n	-37986.79 keV	C14($\gamma,n+d+t+He3+\alpha$)n	-58564.41 keV
C14($\gamma,n+p+t+2\alpha$)n	-40211.35 keV	C14($\gamma,n+2p+2t+\alpha$)n	-60025.22 keV
C14($\gamma,2n+He3+2\alpha$)n	-40975.11 keV	C14($\gamma,2n+p+t+He3+\alpha$)n	-60788.97 keV
C14($\gamma,n+2d+2\alpha$)n	-44244.02 keV	C14($\gamma,3n+2He3+\alpha$)n	-61552.73 keV
C14($\gamma,2n+p+d+2\alpha$)n	-46468.58 keV	C14($\gamma,3d+t+\alpha$)n	-61833.31 keV
C14($\gamma,3n+2p+2\alpha$)n	-48693.15 keV	C14($\gamma,n+p+2d+t+\alpha$)n	-64057.88 keV
C14($\gamma,2t+He3+\alpha$)n	-52307.18 keV	C14($\gamma,2n+2d+He3+\alpha$)n	-64821.64 keV

<< 6-C-13	7-N-14	8-O-16 >>
<< 6-C-14 MT23 ($\gamma, n+3\alpha$)	MT4 (γ, n) or MT5 (N13 production)	MT28 ($\gamma, n+p$) >>



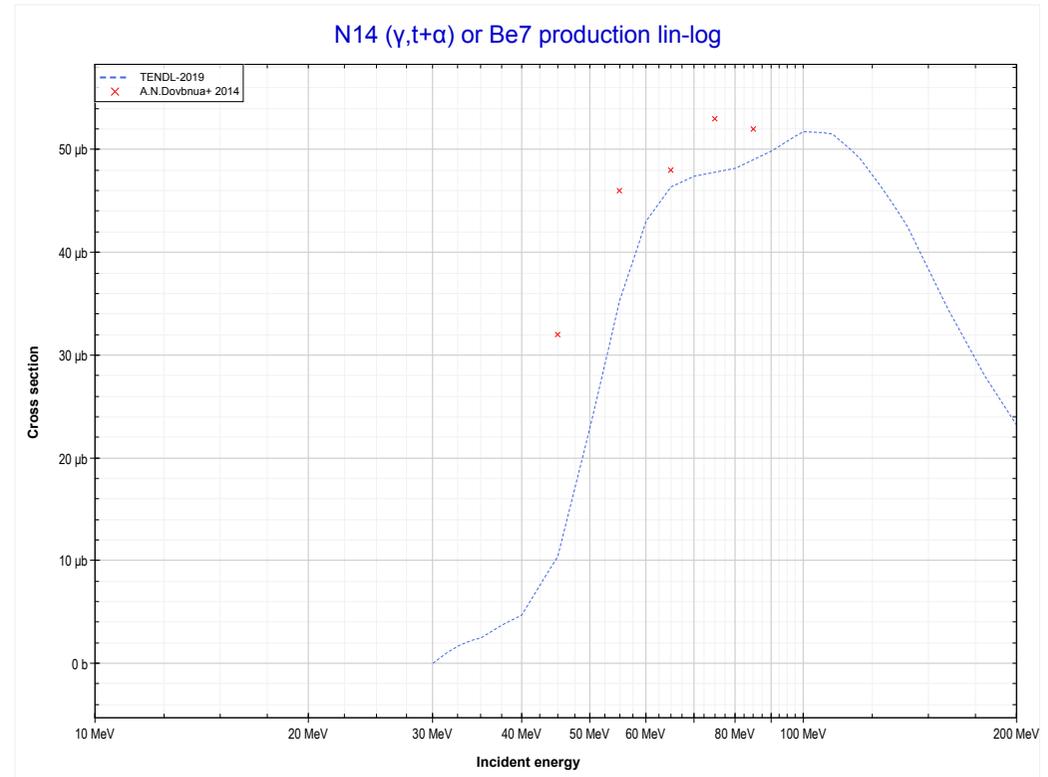
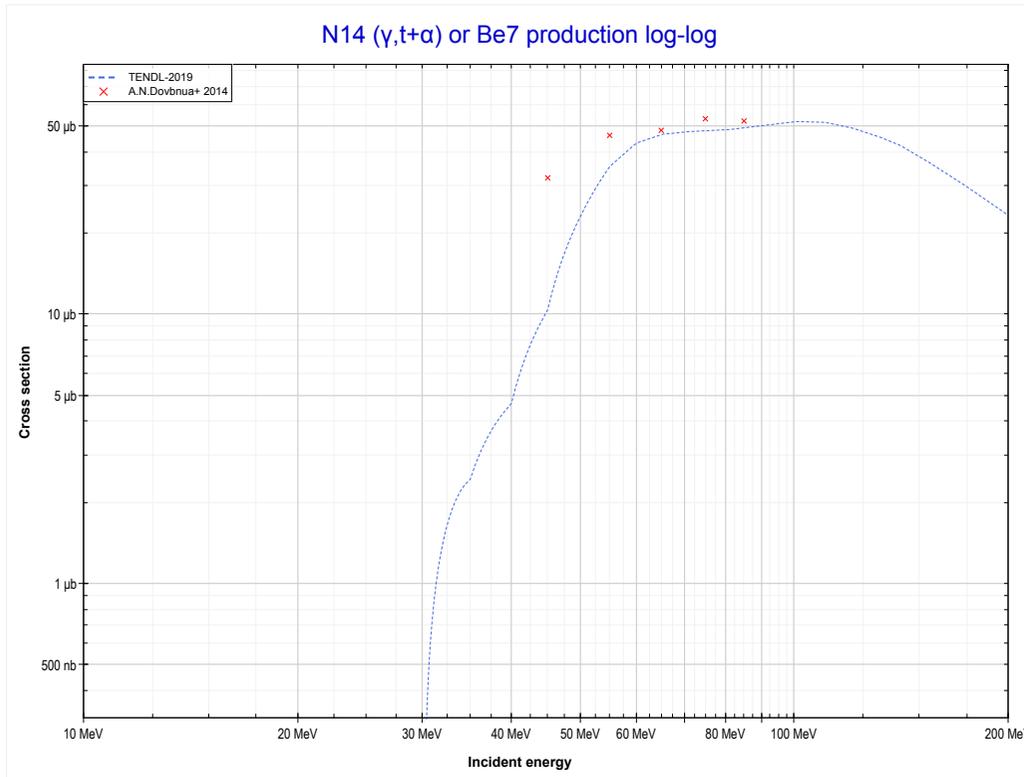
Reaction	Q-Value
N14(γ, n)N13	-10553.38 keV

<< 6-C-12	7-N-14	8-O-16 >>
<< MT4 (γ, n)	MT28 ($\gamma, n+p$) or MT5 (C12 production)	MT155 ($\gamma, t+\alpha$) >>



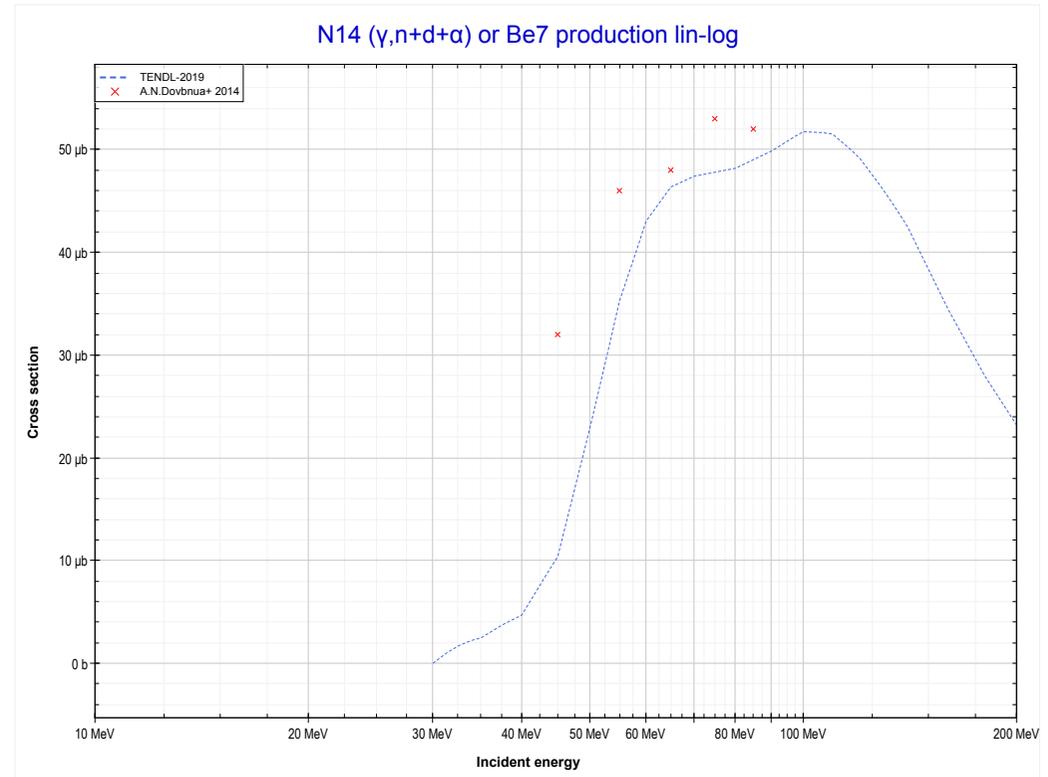
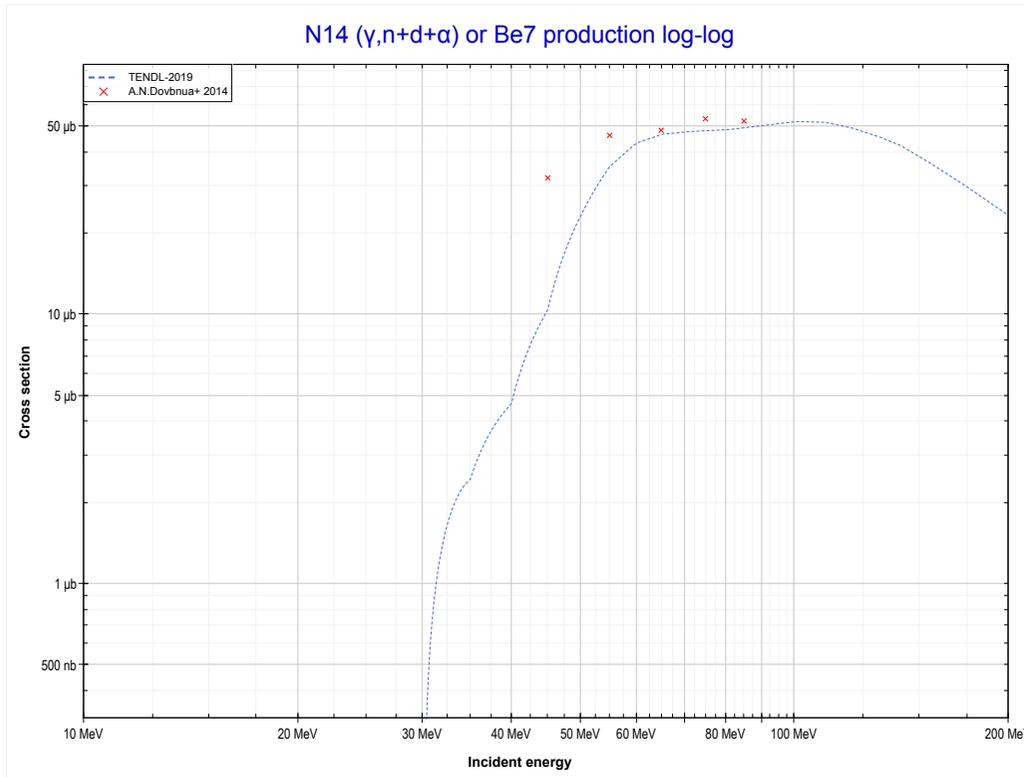
Reaction	Q-Value
N14(γ, d)C12	-10272.31 keV
N14($\gamma, n+p$)C12	-12496.87 keV

	7-N-14	
<< MT28 ($\gamma, n+p$)	MT155 ($\gamma, t+\alpha$) or MT5 (Be7 production)	MT158 ($\gamma, n+d+\alpha$) >>



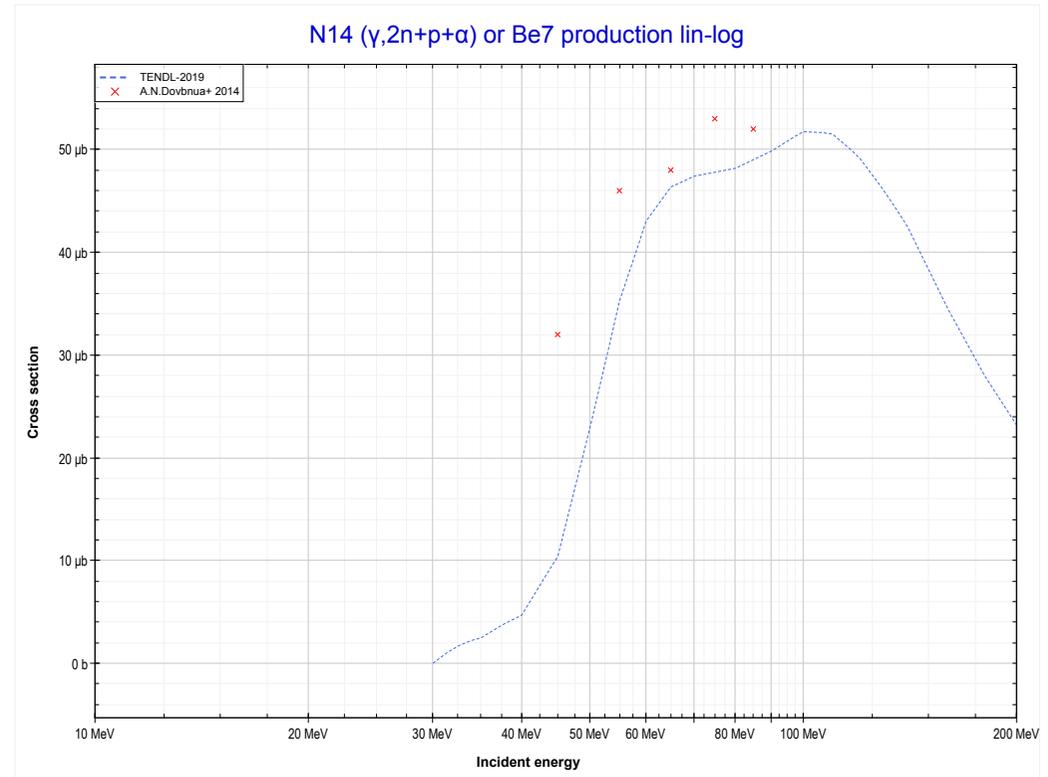
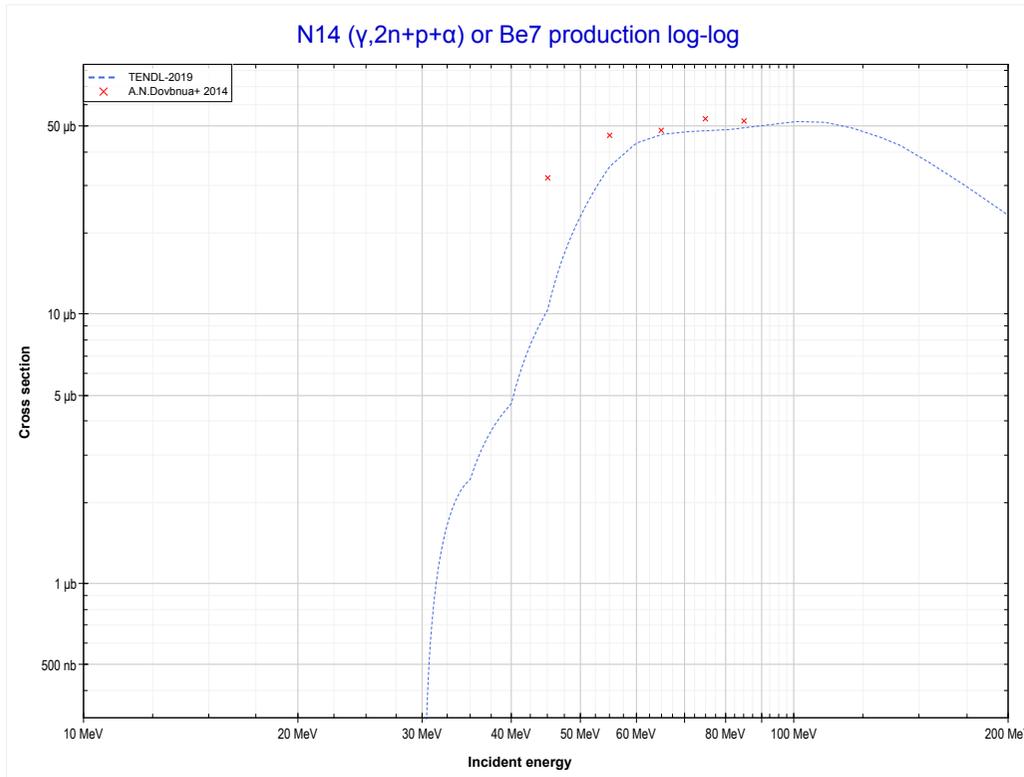
Reaction	Q-Value	Reaction	Q-Value
N14($\gamma, t+\alpha$)Be7	-30280.31 keV	N14($\gamma, 2n+2p+t$)Be7	-58575.97 keV
N14($\gamma, n+d+\alpha$)Be7	-36537.54 keV	N14($\gamma, 3n+p+He3$)Be7	-59339.72 keV
N14($\gamma, 2n+p+\alpha$)Be7	-38762.10 keV	N14($\gamma, n+3d$)Be7	-60384.07 keV
N14($\gamma, p+2t$)Be7	-50094.17 keV	N14($\gamma, 2n+p+2d$)Be7	-62608.63 keV
N14($\gamma, n+t+He3$)Be7	-50857.93 keV	N14($\gamma, 3n+2p+d$)Be7	-64833.20 keV
N14($\gamma, 2d+t$)Be7	-54126.84 keV	N14($\gamma, 4n+3p$)Be7	-67057.76 keV
N14($\gamma, n+p+d+t$)Be7	-56351.40 keV		
N14($\gamma, 2n+d+He3$)Be7	-57115.16 keV		

	7-N-14	
<< MT155 ($\gamma, t + \alpha$)	MT158 ($\gamma, n + d + \alpha$) or MT5 (Be7 production)	MT159 ($\gamma, 2n + p + \alpha$) >>



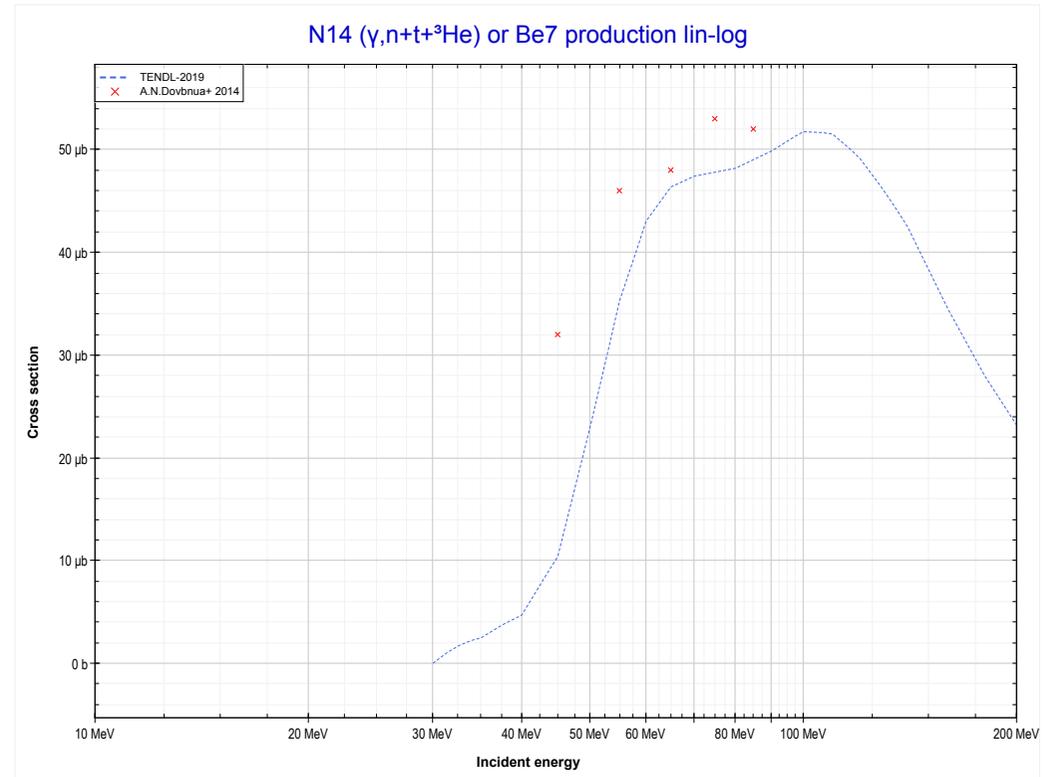
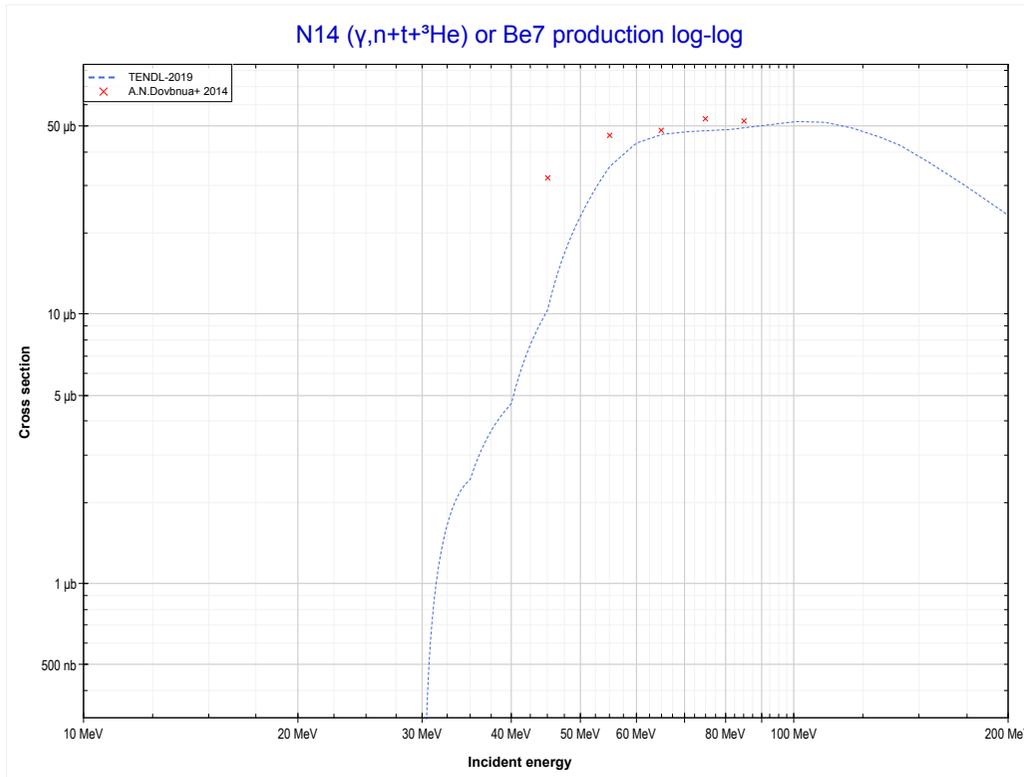
Reaction	Q-Value	Reaction	Q-Value
N14($\gamma, t + \alpha$)Be7	-30280.31 keV	N14($\gamma, 2n + 2p + t$)Be7	-58575.97 keV
N14($\gamma, n + d + \alpha$)Be7	-36537.54 keV	N14($\gamma, 3n + p + He3$)Be7	-59339.72 keV
N14($\gamma, 2n + p + \alpha$)Be7	-38762.10 keV	N14($\gamma, n + 3d$)Be7	-60384.07 keV
N14($\gamma, p + 2t$)Be7	-50094.17 keV	N14($\gamma, 2n + p + 2d$)Be7	-62608.63 keV
N14($\gamma, n + t + He3$)Be7	-50857.93 keV	N14($\gamma, 3n + 2p + d$)Be7	-64833.20 keV
N14($\gamma, 2d + t$)Be7	-54126.84 keV	N14($\gamma, 4n + 3p$)Be7	-67057.76 keV
N14($\gamma, n + p + d + t$)Be7	-56351.40 keV		
N14($\gamma, 2n + d + He3$)Be7	-57115.16 keV		

	7-N-14	
<< MT158 ($\gamma, n+d+\alpha$)	MT159 ($\gamma, 2n+p+\alpha$) or MT5 (Be7 production)	MT188 ($\gamma, n+t+{}^3\text{He}$) >>



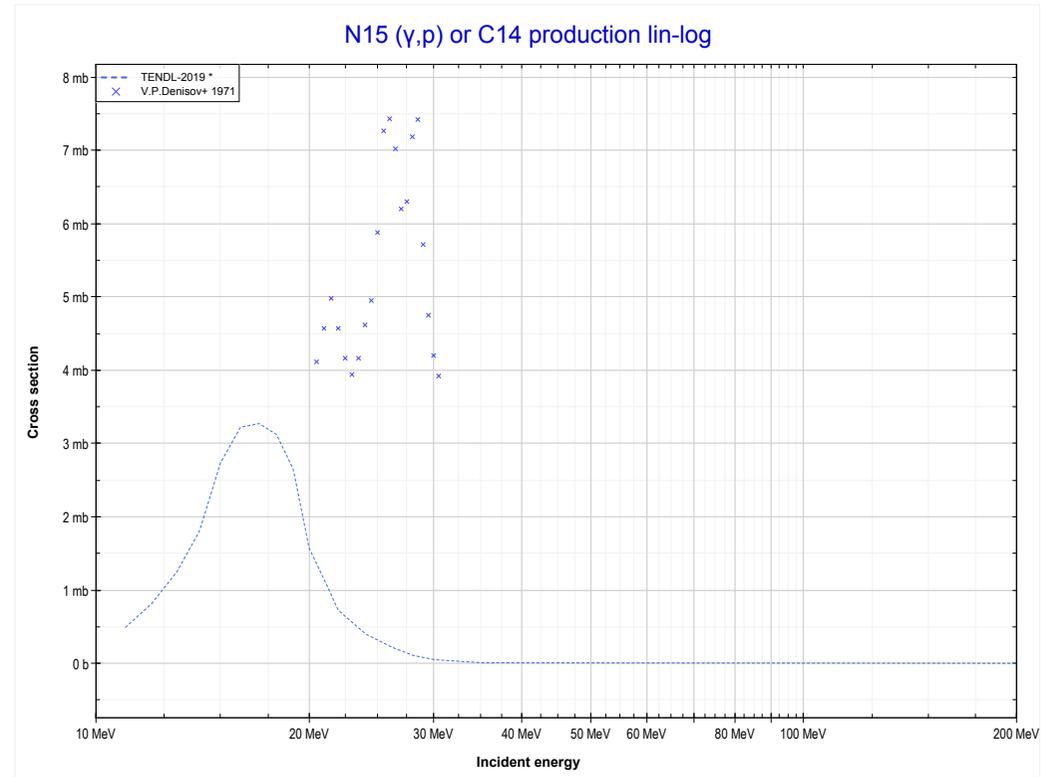
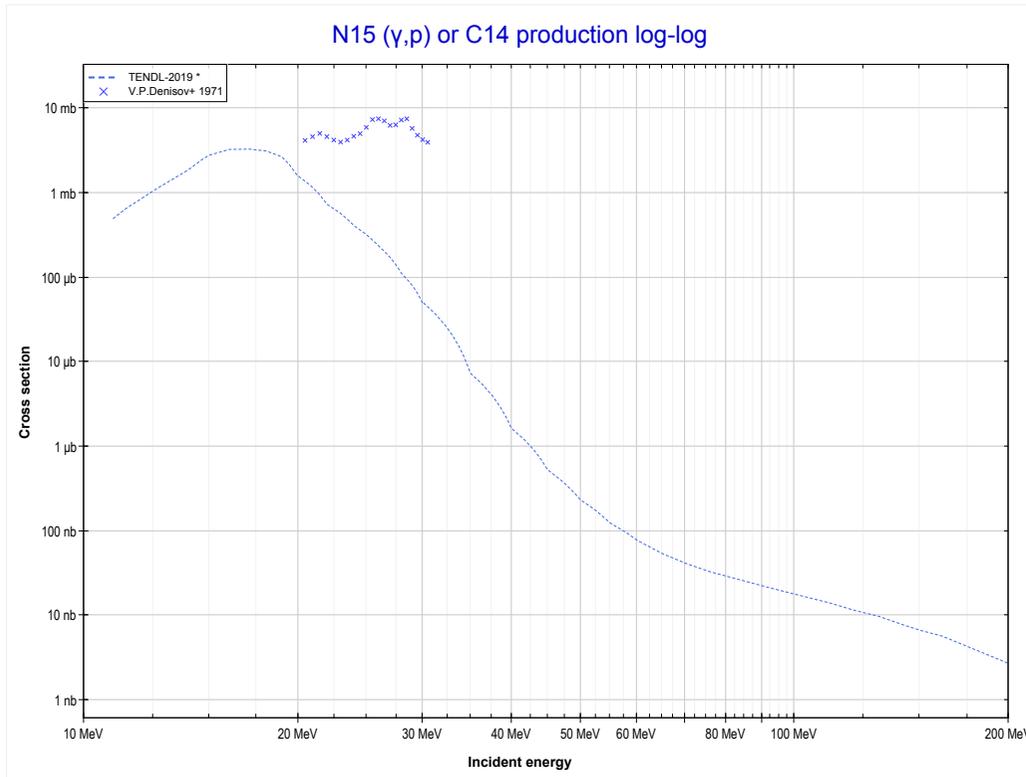
Reaction	Q-Value	Reaction	Q-Value
$\text{N14}(\gamma, t+\alpha)\text{Be7}$	-30280.31 keV	$\text{N14}(\gamma, 2n+2p+t)\text{Be7}$	-58575.97 keV
$\text{N14}(\gamma, n+d+\alpha)\text{Be7}$	-36537.54 keV	$\text{N14}(\gamma, 3n+p+\text{He3})\text{Be7}$	-59339.72 keV
$\text{N14}(\gamma, 2n+p+\alpha)\text{Be7}$	-38762.10 keV	$\text{N14}(\gamma, n+3d)\text{Be7}$	-60384.07 keV
$\text{N14}(\gamma, p+2t)\text{Be7}$	-50094.17 keV	$\text{N14}(\gamma, 2n+p+2d)\text{Be7}$	-62608.63 keV
$\text{N14}(\gamma, n+t+\text{He3})\text{Be7}$	-50857.93 keV	$\text{N14}(\gamma, 3n+2p+d)\text{Be7}$	-64833.20 keV
$\text{N14}(\gamma, 2d+t)\text{Be7}$	-54126.84 keV	$\text{N14}(\gamma, 4n+3p)\text{Be7}$	-67057.76 keV
$\text{N14}(\gamma, n+p+d+t)\text{Be7}$	-56351.40 keV		
$\text{N14}(\gamma, 2n+d+\text{He3})\text{Be7}$	-57115.16 keV		

	7-N-14	
<< MT159 ($\gamma,2n+p+\alpha$)	MT188 ($\gamma,n+t+{}^3\text{He}$) or MT5 (Be7 production)	7-N-15 MT103 (γ,p) >>



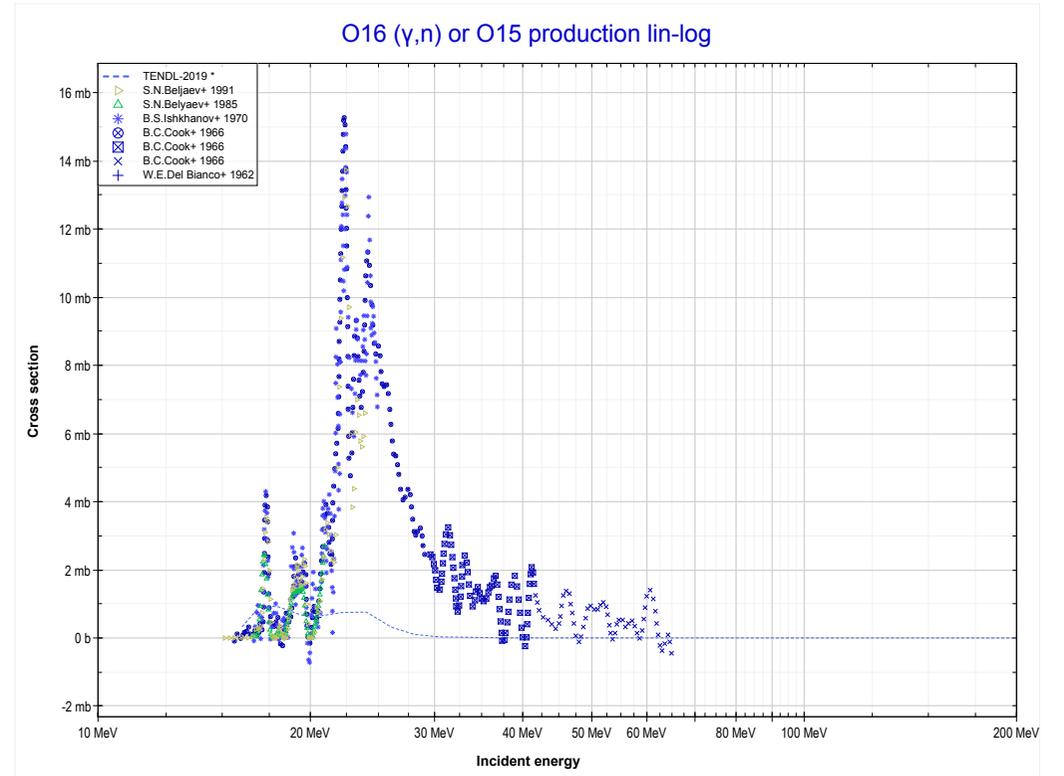
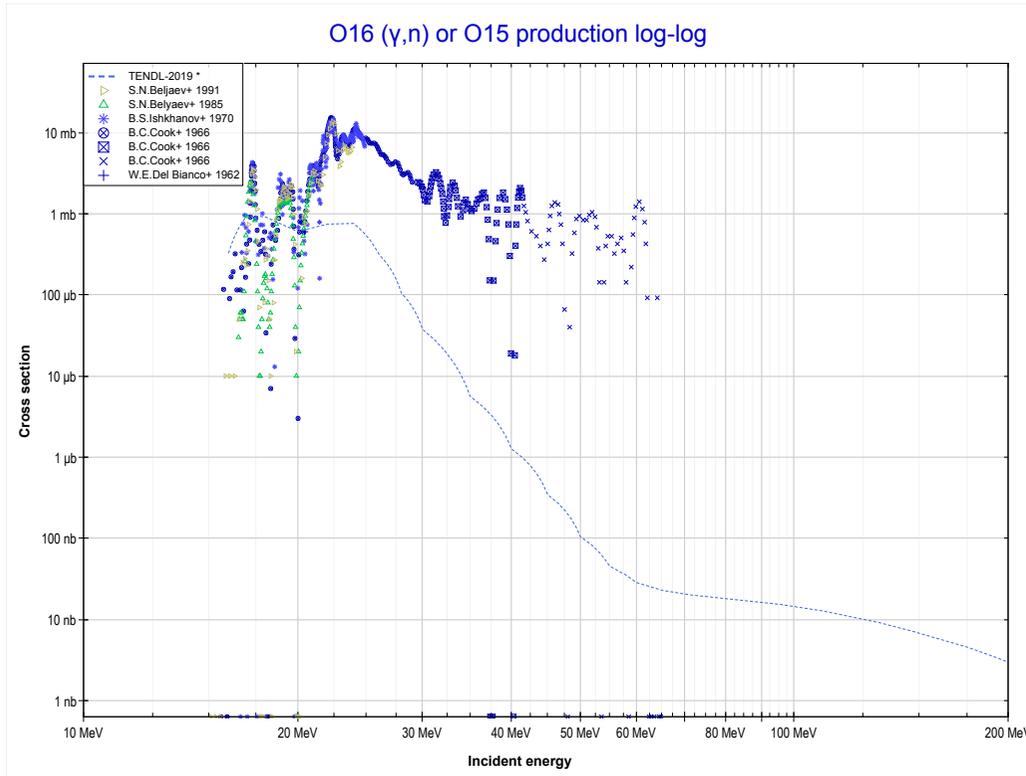
Reaction	Q-Value	Reaction	Q-Value
N14($\gamma,t+\alpha$)Be7	-30280.31 keV	N14($\gamma,2n+2p+t$)Be7	-58575.97 keV
N14($\gamma,n+d+\alpha$)Be7	-36537.54 keV	N14($\gamma,3n+p+{}^3\text{He}$)Be7	-59339.72 keV
N14($\gamma,2n+p+\alpha$)Be7	-38762.10 keV	N14($\gamma,n+3d$)Be7	-60384.07 keV
N14($\gamma,p+2t$)Be7	-50094.17 keV	N14($\gamma,2n+p+2d$)Be7	-62608.63 keV
N14($\gamma,n+t+{}^3\text{He}$)Be7	-50857.93 keV	N14($\gamma,3n+2p+d$)Be7	-64833.20 keV
N14($\gamma,2d+t$)Be7	-54126.84 keV	N14($\gamma,4n+3p$)Be7	-67057.76 keV
N14($\gamma,n+p+d+t$)Be7	-56351.40 keV		
N14($\gamma,2n+d+{}^3\text{He}$)Be7	-57115.16 keV		

<< 6-C-13	7-N-15	8-O-16 >>
<< 7-N-14 MT188 ($\gamma, n+t+{}^3\text{He}$)	MT103 (γ, p) or MT5 (C14 production)	8-O-16 MT4 (γ, n) >>



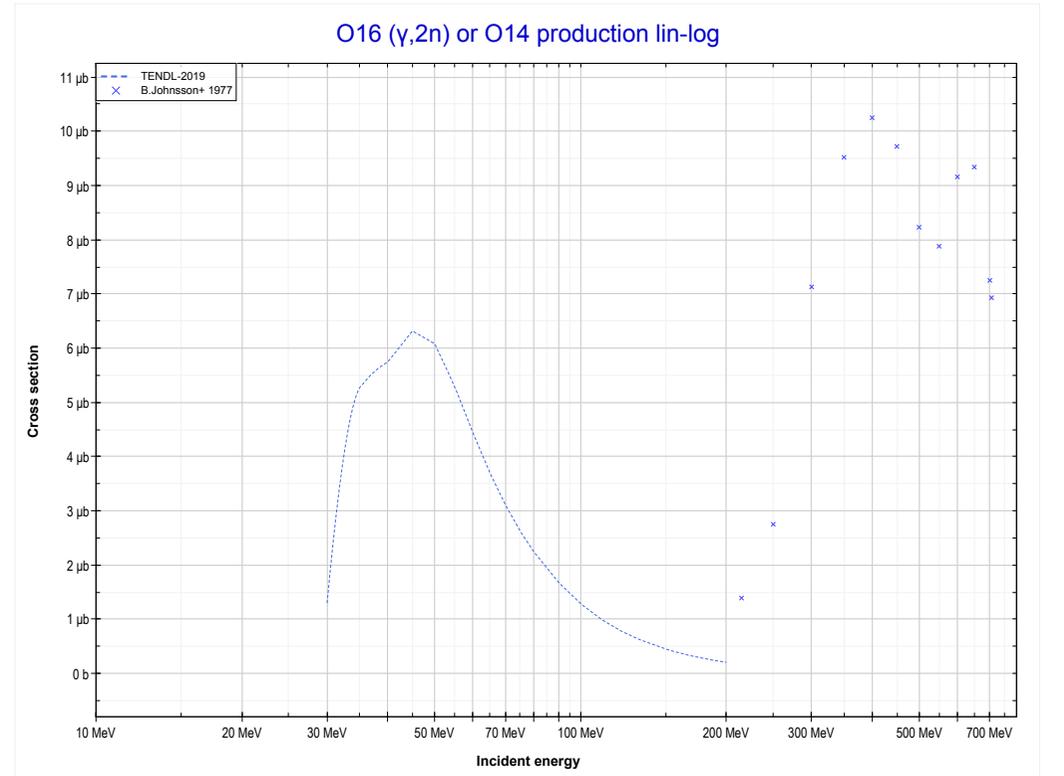
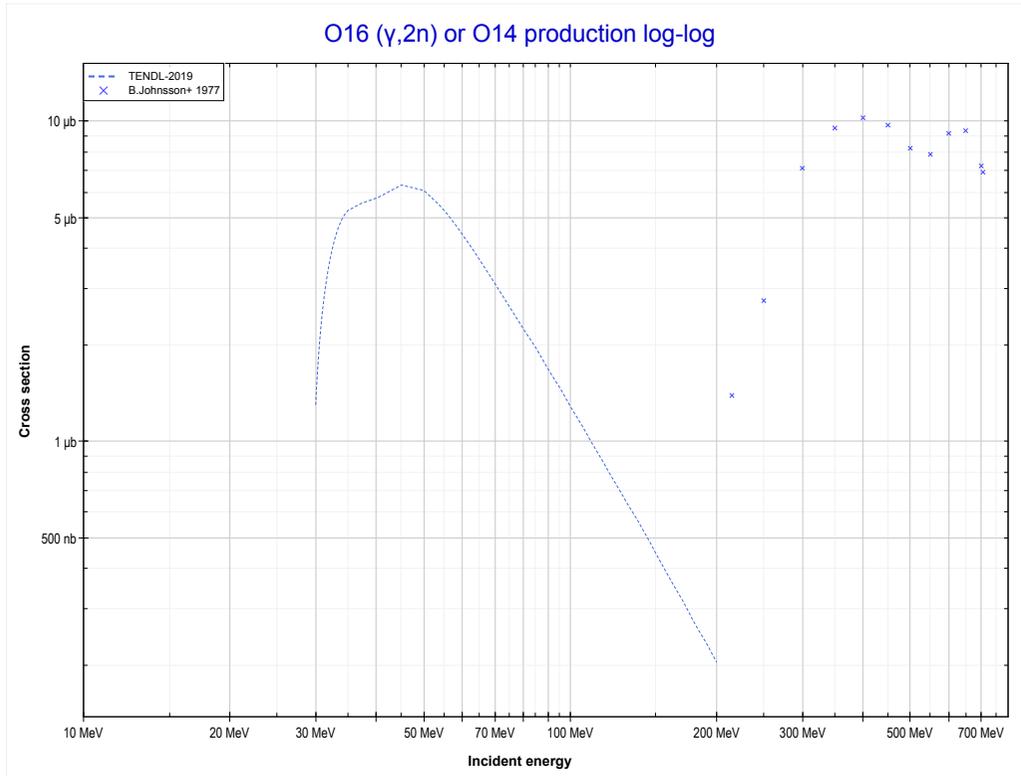
Reaction	Q-Value
$\text{N15}(\gamma, p)\text{C14}$	-10207.42 keV

<< 7-N-14	8-O-16	9-F-19 >>
<< 7-N-15 MT103 (γ,p)	MT4 (γ,n) or MT5 (O15 production)	MT16 ($\gamma,2n$) >>



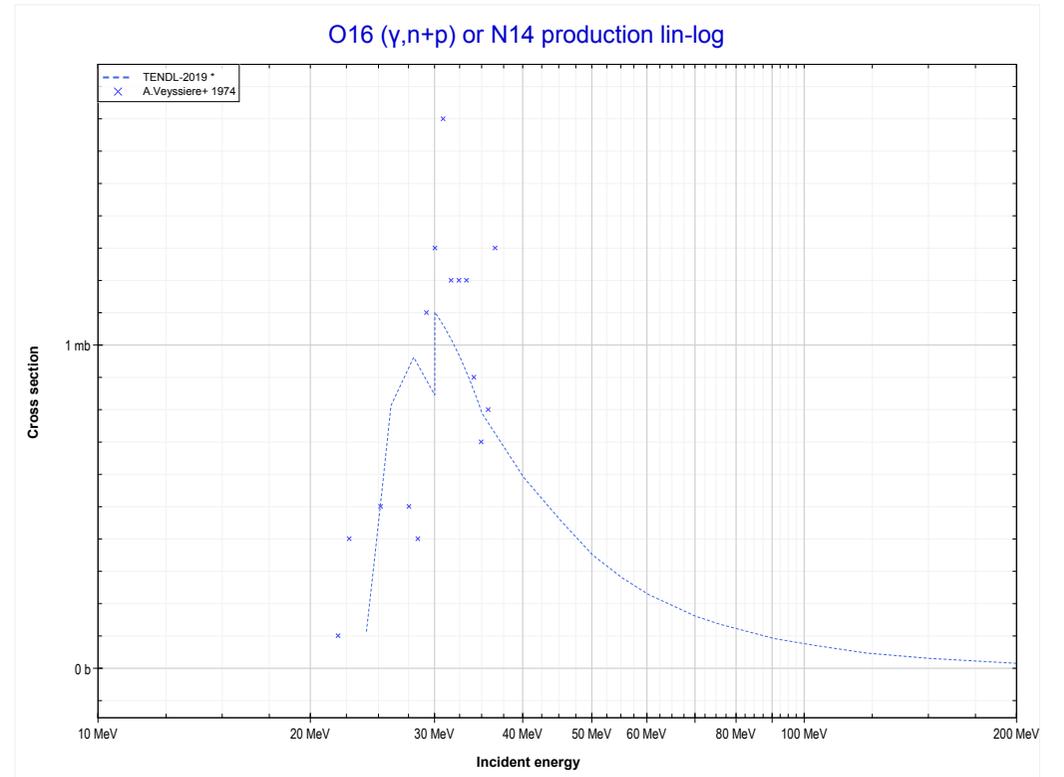
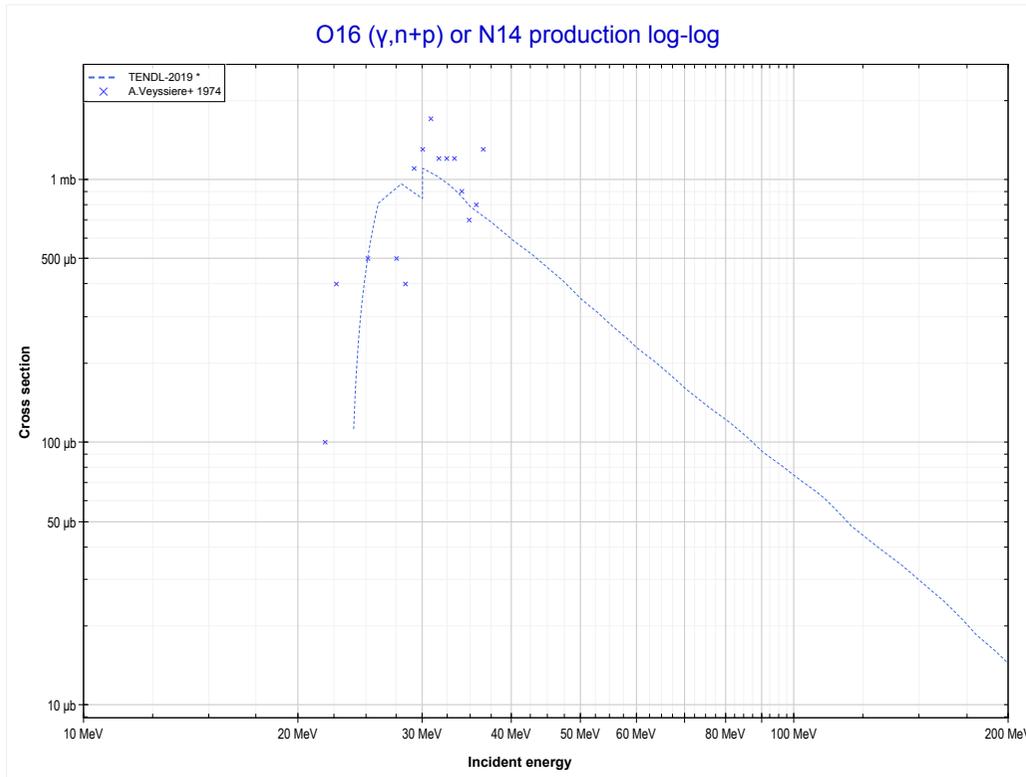
Reaction	Q-Value
O16(γ,n)O15	-15663.92 keV

<< 6-C-14	8-O-16	9-F-19 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (O14 production)	MT28 ($\gamma,n+p$) >>



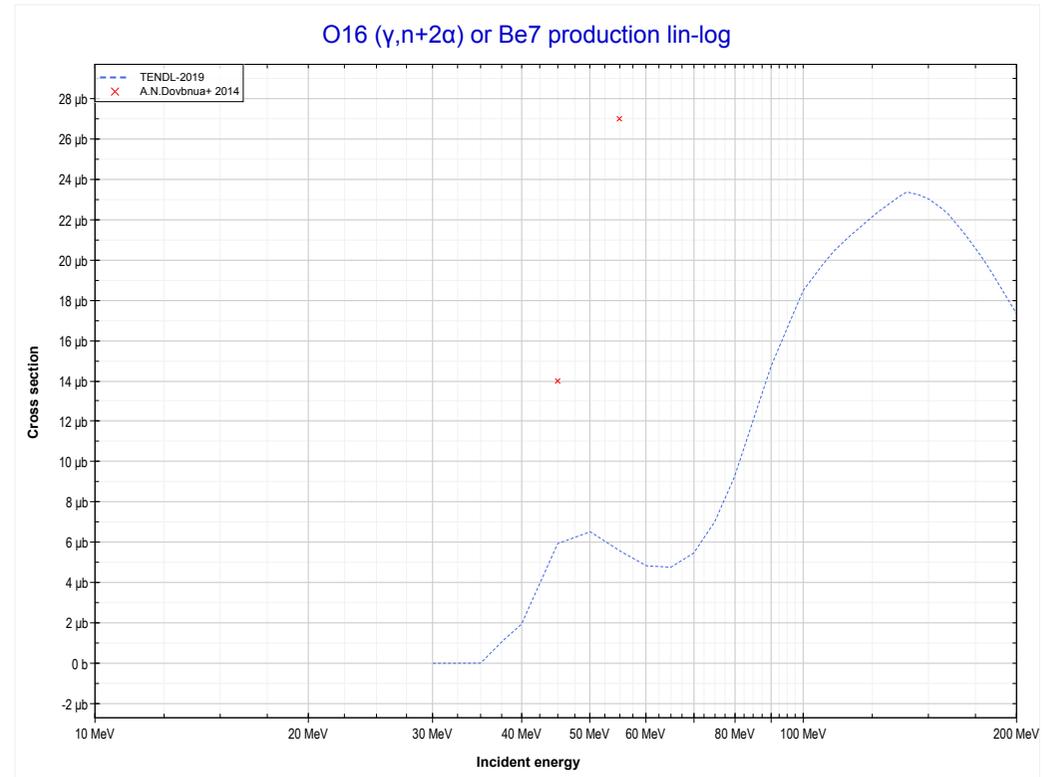
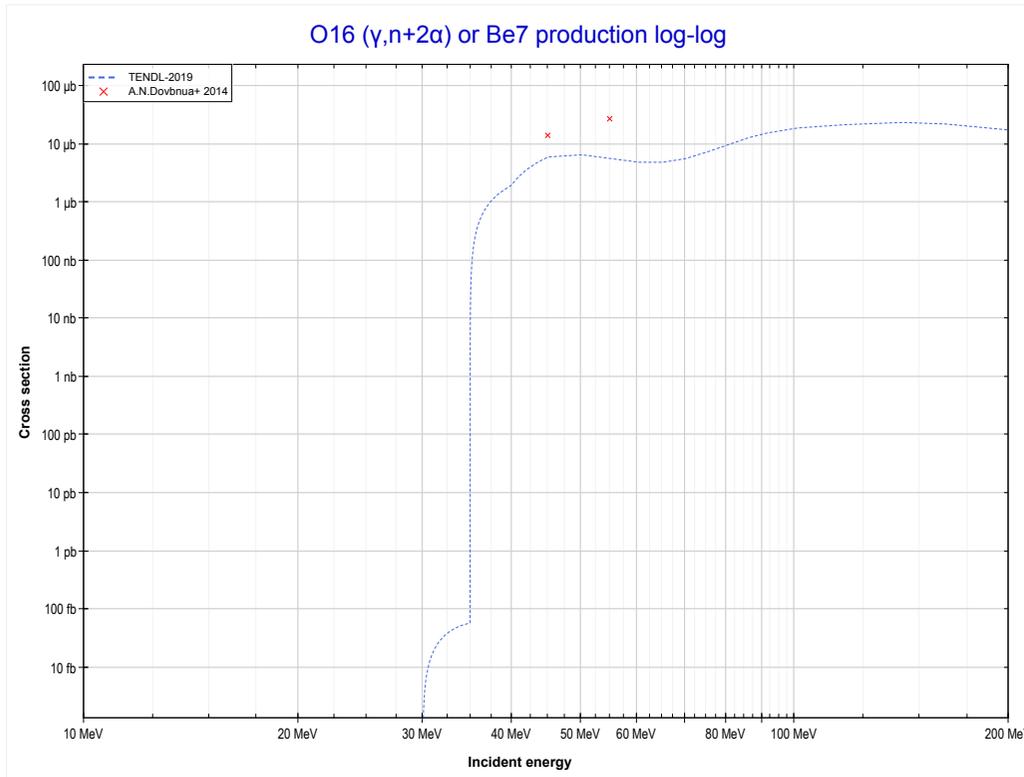
Reaction	Q-Value
O16($\gamma,2n$)O14	-28887.42 keV

<< 7-N-14	8-O-16	8-O-18 >>
<< MT16 ($\gamma,2n$)	MT28 ($\gamma,n+p$) or MT5 (N14 production)	MT29 ($\gamma,n+2\alpha$) >>



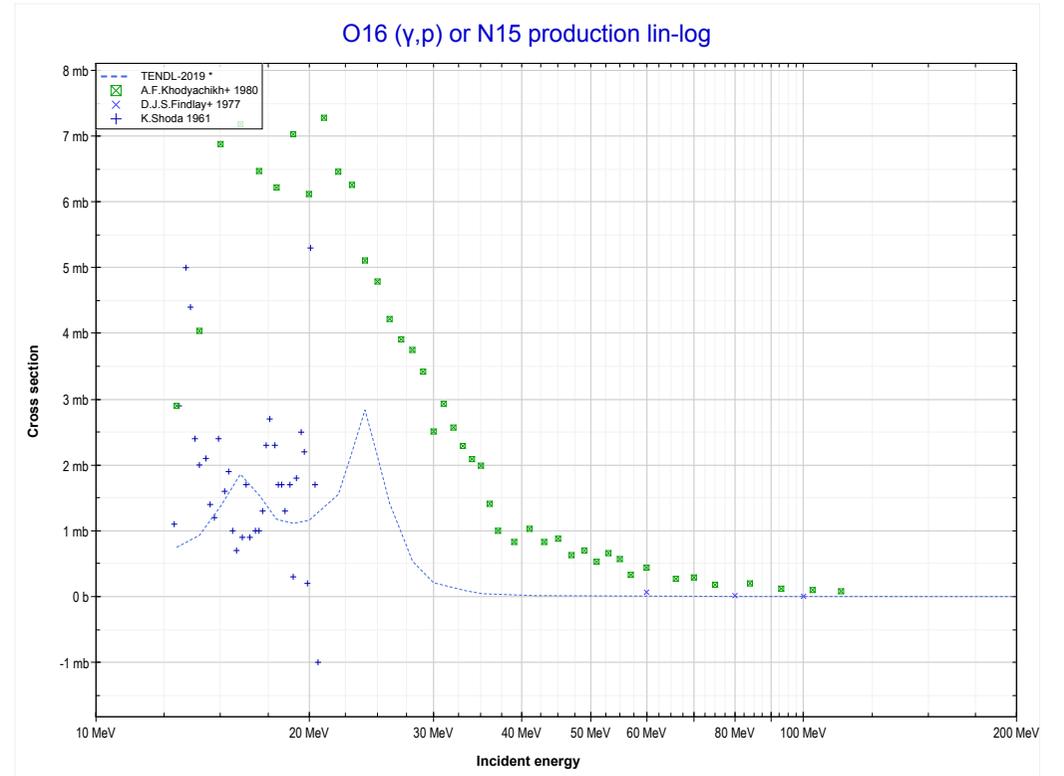
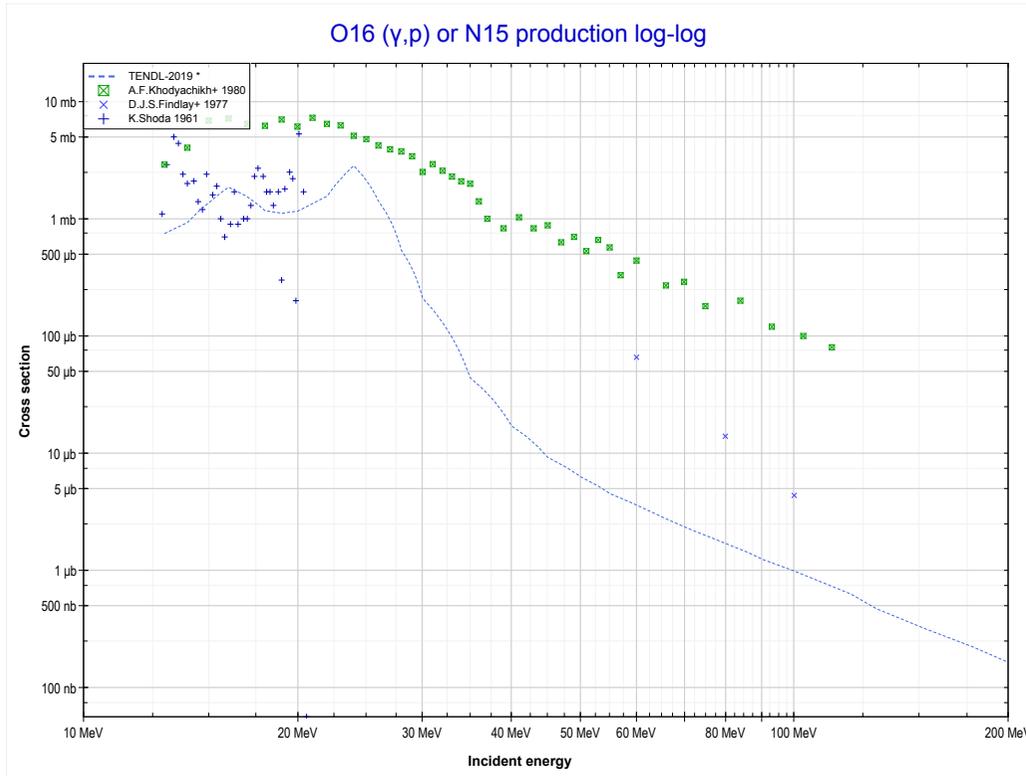
Reaction	Q-Value
O16(γ,d)N14	-20736.14 keV
O16($\gamma,n+p$)N14	-22960.71 keV

	8-O-16	
<< MT28 ($\gamma, n+p$)	MT29 ($\gamma, n+2\alpha$) or MT5 (Be7 production)	MT103 (γ, p) >>



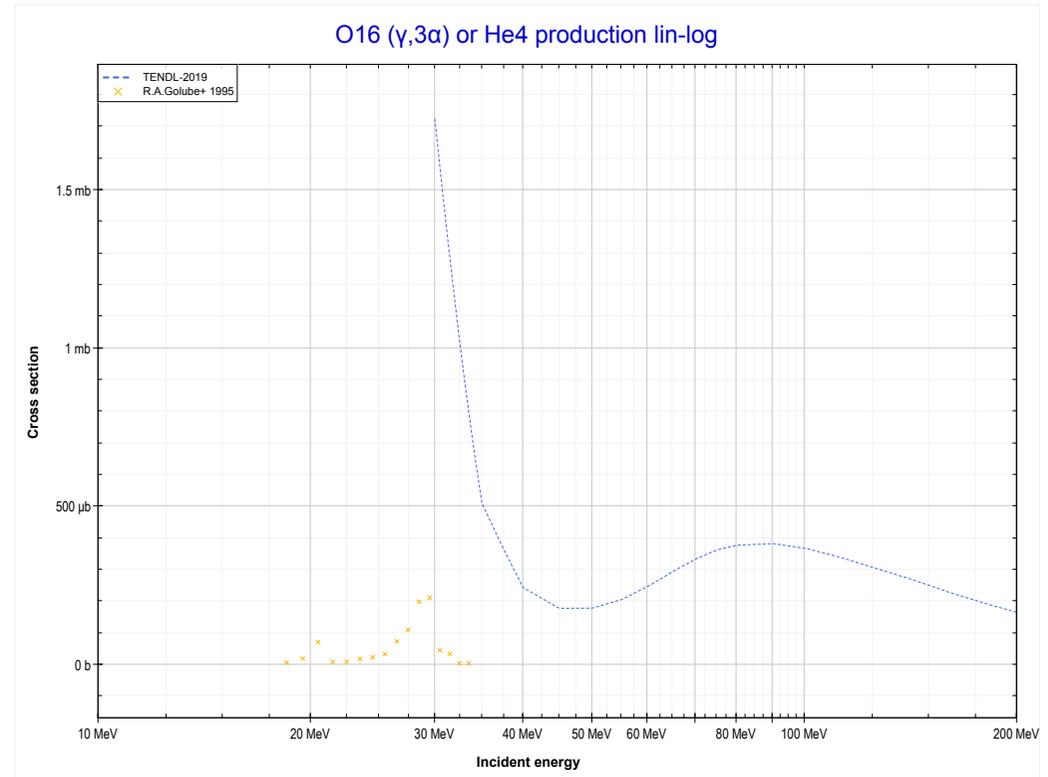
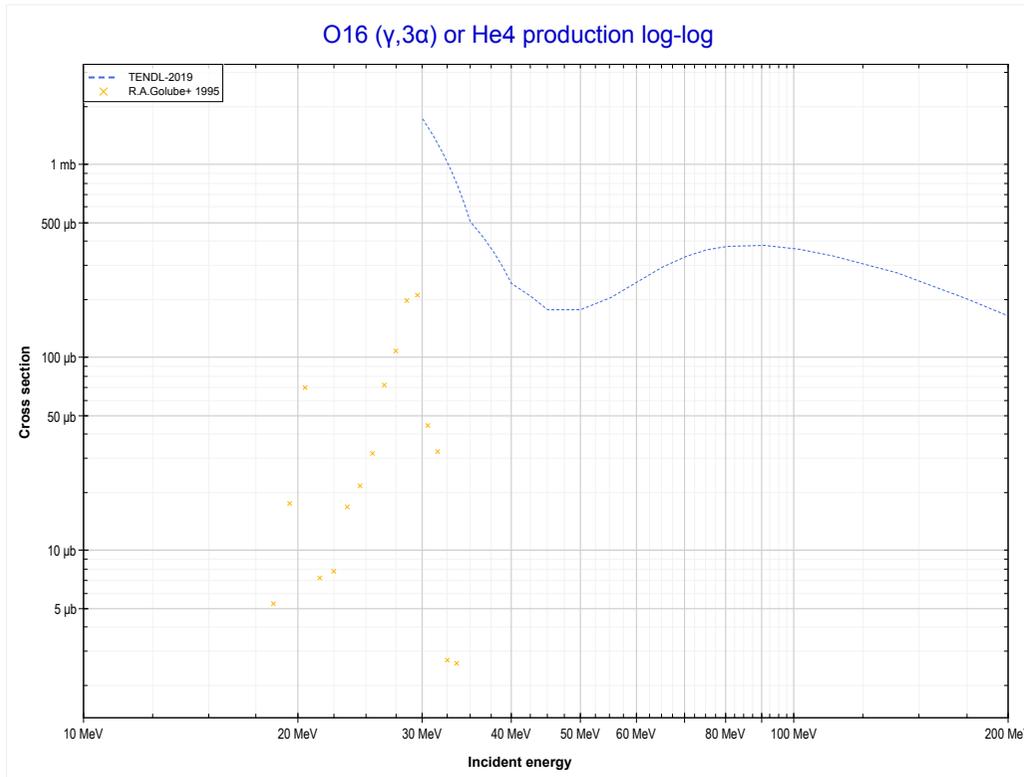
Reaction	Q-Value	Reaction	Q-Value
O16($\gamma, n+2\alpha$)Be7	-33427.15 keV	O16($\gamma, p+d+2t$)Be7	-70830.31 keV
O16($\gamma, d+t+\alpha$)Be7	-51016.45 keV	O16($\gamma, n+d+t+He3$)Be7	-71594.07 keV
O16($\gamma, n+p+t+\alpha$)Be7	-53241.01 keV	O16($\gamma, n+2p+2t$)Be7	-73054.88 keV
O16($\gamma, 2n+He3+\alpha$)Be7	-54004.77 keV	O16($\gamma, 2n+p+t+He3$)Be7	-73818.63 keV
O16($\gamma, n+2d+\alpha$)Be7	-57273.68 keV	O16($\gamma, 3n+2He3$)Be7	-74582.39 keV
O16($\gamma, 2n+p+d+\alpha$)Be7	-59498.24 keV	O16($\gamma, 3d+t$)Be7	-74862.98 keV
O16($\gamma, 3n+2p+\alpha$)Be7	-61722.81 keV	O16($\gamma, n+p+2d+t$)Be7	-77087.54 keV
O16($\gamma, 2t+He3$)Be7	-65336.84 keV	O16($\gamma, 2n+2d+He3$)Be7	-77851.30 keV

<< 7-N-15	8-O-16	8-O-18 >>
<< MT29 ($\gamma, n+2\alpha$)	MT103 (γ, p) or MT5 (N15 production)	MT109 ($\gamma, 3\alpha$) >>



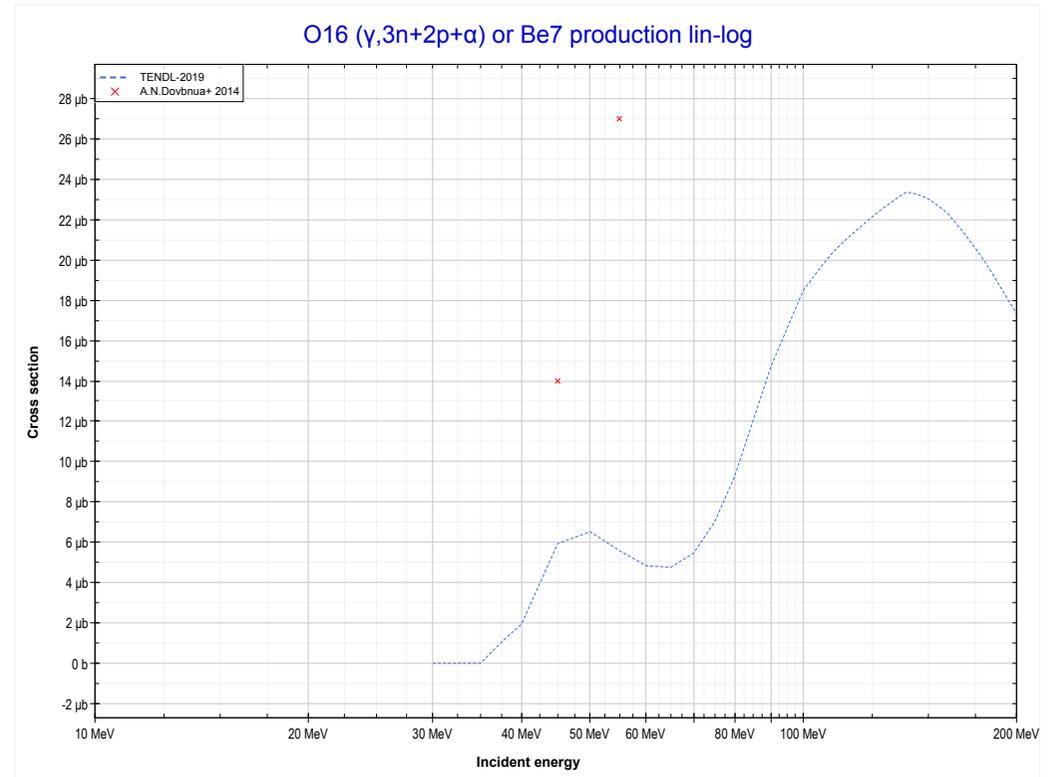
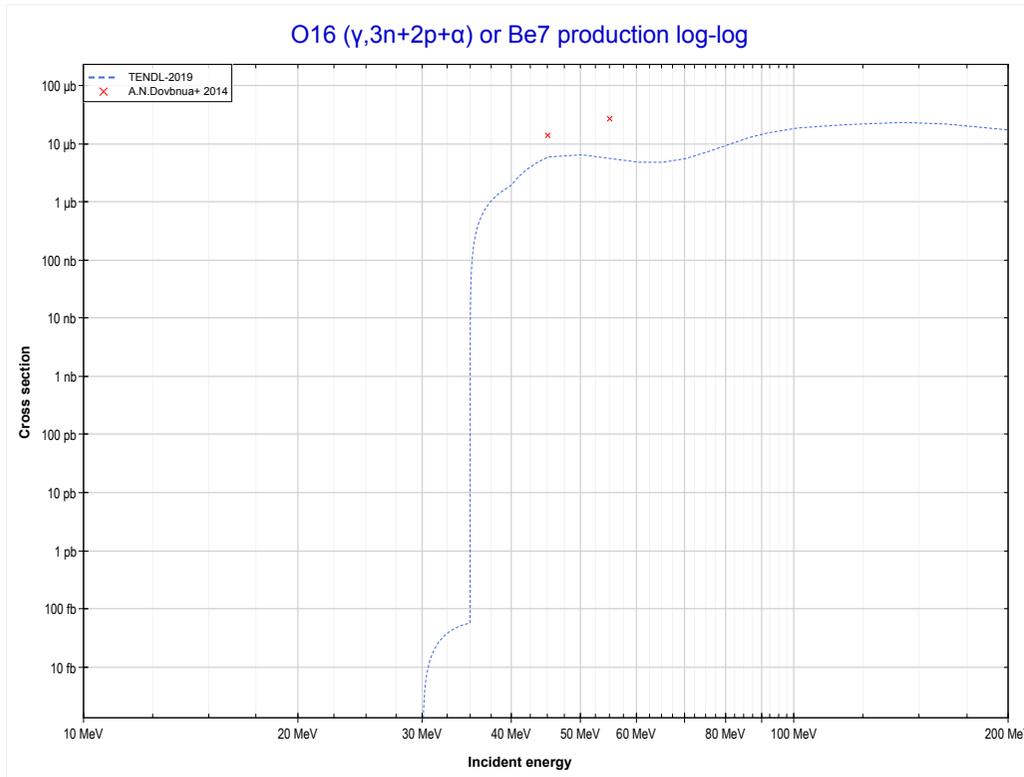
Reaction	Q-Value
O16(γ, p)N15	-12127.41 keV

<< 6-C-13	8-O-16	
<< MT103 (γ, p)	MT109 ($\gamma, 3\alpha$) or MT5 (He4 production)	MT199 ($\gamma, 3n+2p+\alpha$) >>



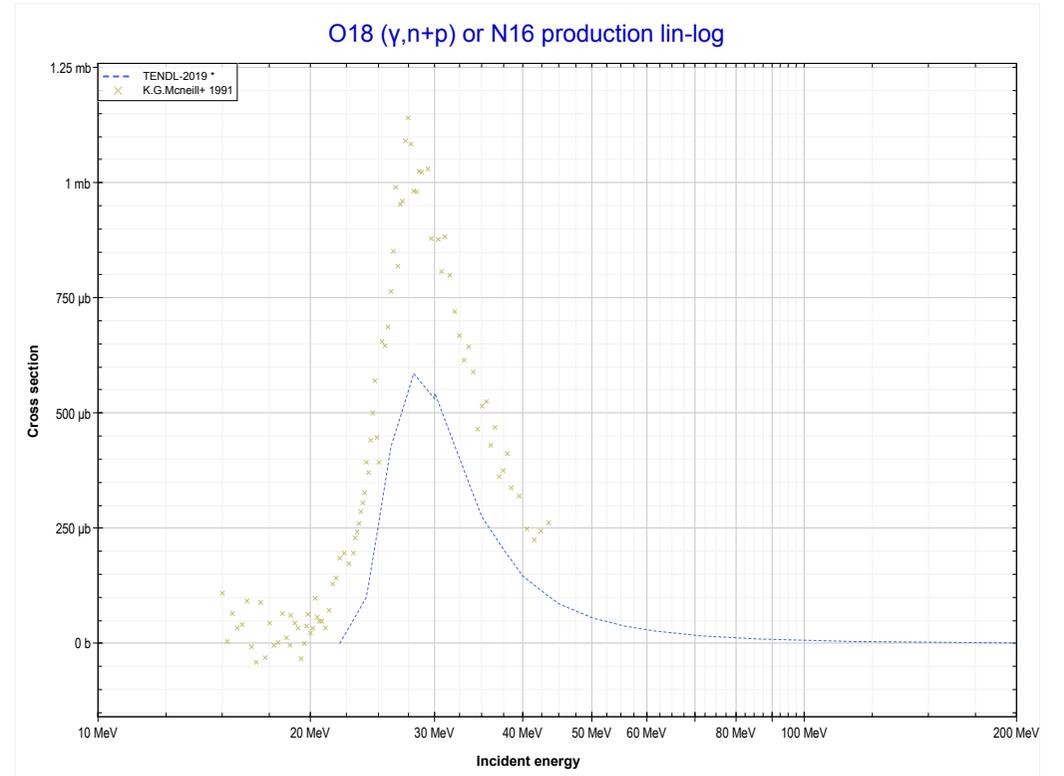
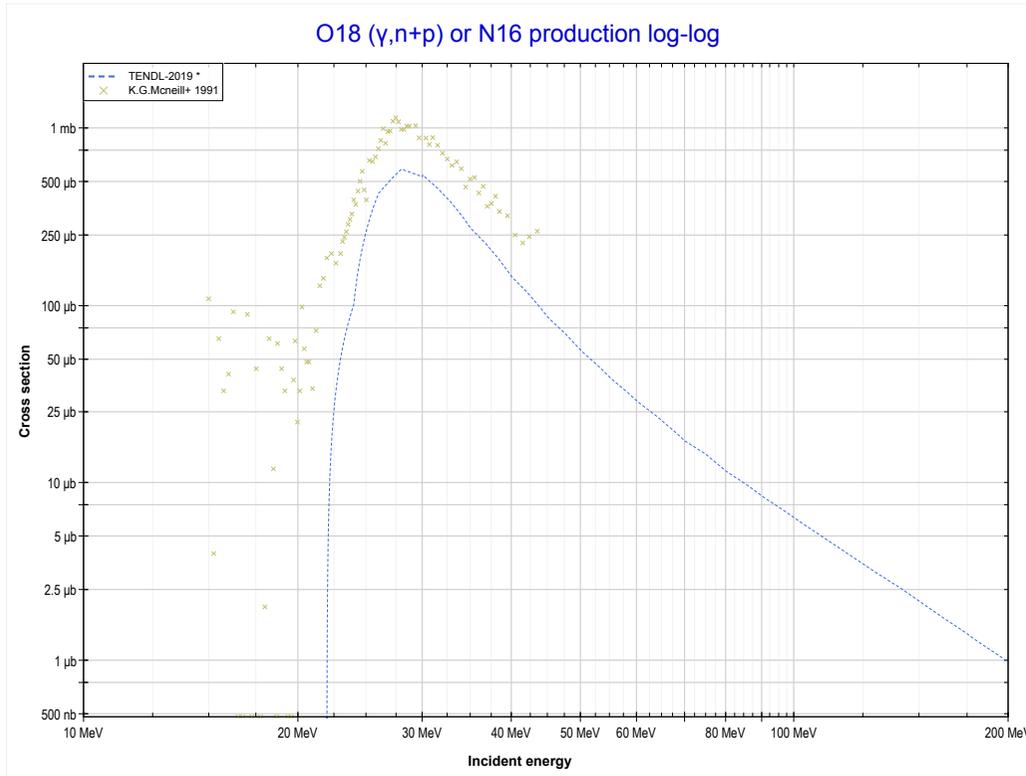
Reaction	Q-Value	Reaction	Q-Value
O16($\gamma, 3\alpha$)He4	-14436.66 keV	O16($\gamma, n+p+t+He3+\alpha$)He4	-54828.15 keV
O16($\gamma, p+t+2\alpha$)He4	-34250.53 keV	O16($\gamma, 2n+2He3+\alpha$)He4	-55591.90 keV
O16($\gamma, n+He3+2\alpha$)He4	-35014.28 keV	O16($\gamma, p+2d+t+\alpha$)He4	-58097.06 keV
O16($\gamma, 2d+2\alpha$)He4	-38283.19 keV	O16($\gamma, n+2d+He3+\alpha$)He4	-58860.81 keV
O16($\gamma, n+p+d+2\alpha$)He4	-40507.76 keV	O16($\gamma, n+2p+d+t+\alpha$)He4	-60321.62 keV
O16($\gamma, 2n+2p+2\alpha$)He4	-42732.32 keV	O16($\gamma, 2n+p+d+He3+\alpha$)He4	-61085.38 keV
O16($\gamma, d+t+He3+\alpha$)He4	-52603.58 keV	O16($\gamma, 4d+\alpha$)He4	-62129.72 keV
O16($\gamma, 2p+2t+\alpha$)He4	-54064.39 keV	O16($\gamma, 2n+3p+t+\alpha$)He4	-62546.19 keV

	8-O-16	
<< MT109 ($\gamma,3\alpha$)	MT199 ($\gamma,3n+2p+\alpha$) or MT5 (Be7 production)	8-O-18 MT28 ($\gamma,n+p$) >>



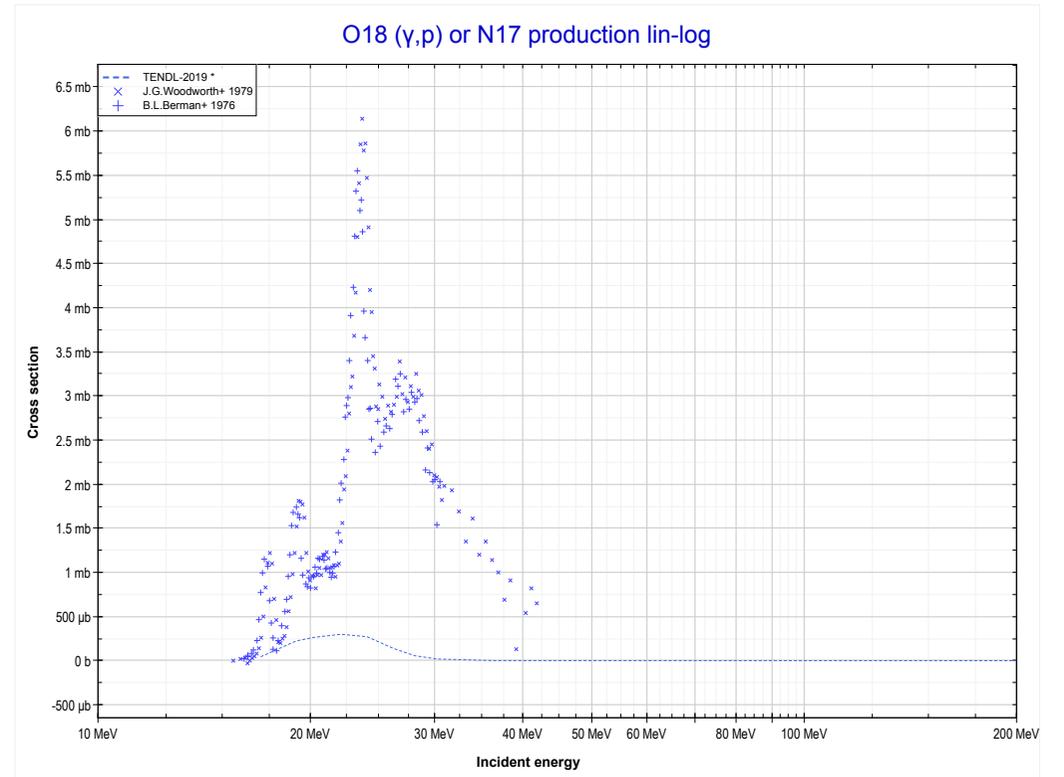
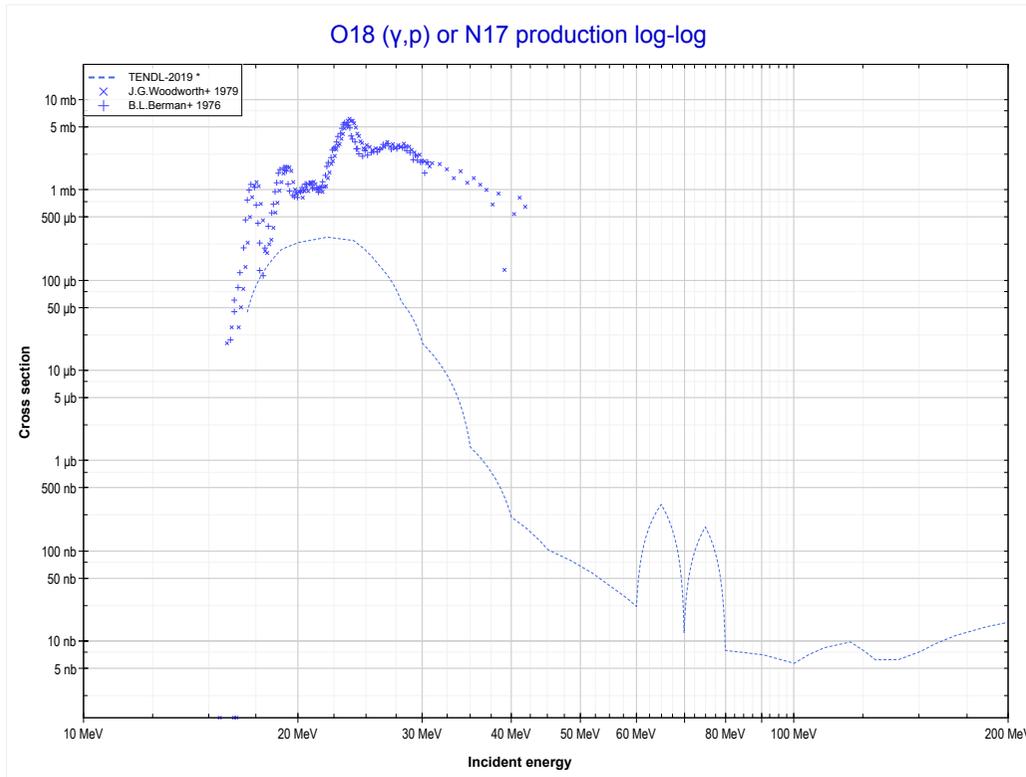
Reaction	Q-Value	Reaction	Q-Value
O16($\gamma,n+2\alpha$)Be7	-33427.15 keV	O16($\gamma,p+d+2t$)Be7	-70830.31 keV
O16($\gamma,d+t+\alpha$)Be7	-51016.45 keV	O16($\gamma,n+d+t+He3$)Be7	-71594.07 keV
O16($\gamma,n+p+t+\alpha$)Be7	-53241.01 keV	O16($\gamma,n+2p+2t$)Be7	-73054.88 keV
O16($\gamma,2n+He3+\alpha$)Be7	-54004.77 keV	O16($\gamma,2n+p+t+He3$)Be7	-73818.63 keV
O16($\gamma,n+2d+\alpha$)Be7	-57273.68 keV	O16($\gamma,3n+2He3$)Be7	-74582.39 keV
O16($\gamma,2n+p+d+\alpha$)Be7	-59498.24 keV	O16($\gamma,3d+t$)Be7	-74862.98 keV
O16($\gamma,3n+2p+\alpha$)Be7	-61722.81 keV	O16($\gamma,n+p+2d+t$)Be7	-77087.54 keV
O16($\gamma,2t+He3$)Be7	-65336.84 keV	O16($\gamma,2n+2d+He3$)Be7	-77851.30 keV

<< 8-O-16	8-O-18	10-Ne-20 >>
<< 8-O-16 MT199 ($\gamma,3n+2p+\alpha$)	MT28 ($\gamma,n+p$) or MT5 (N16 production)	MT103 (γ,p) >>



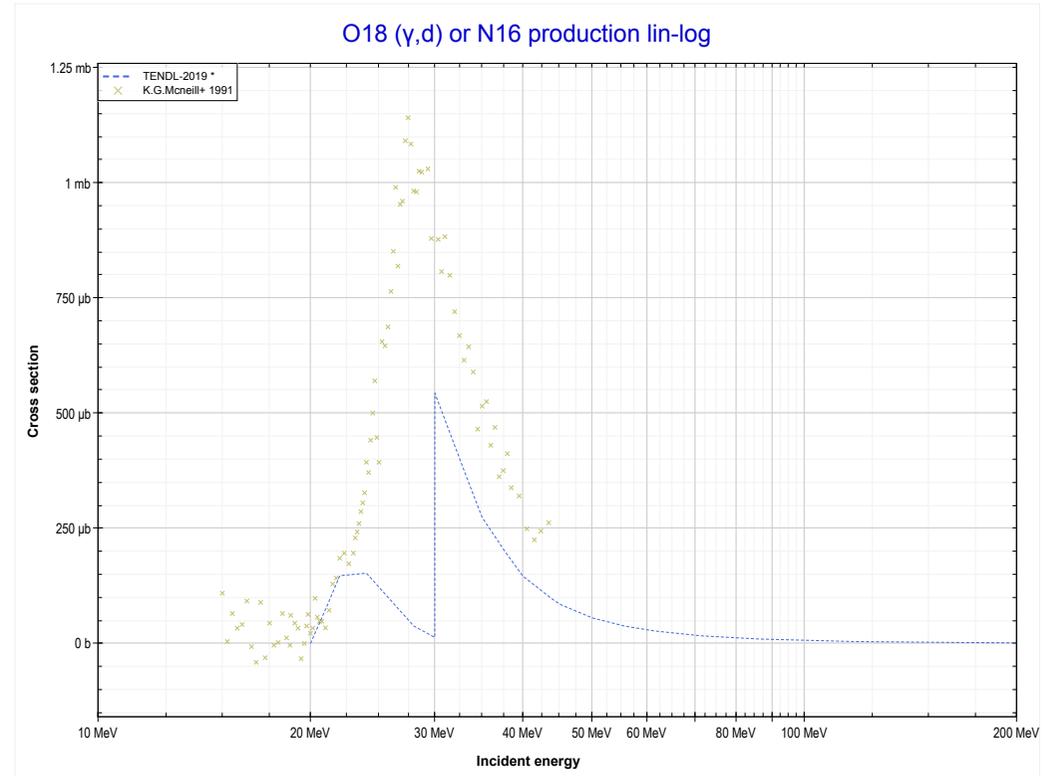
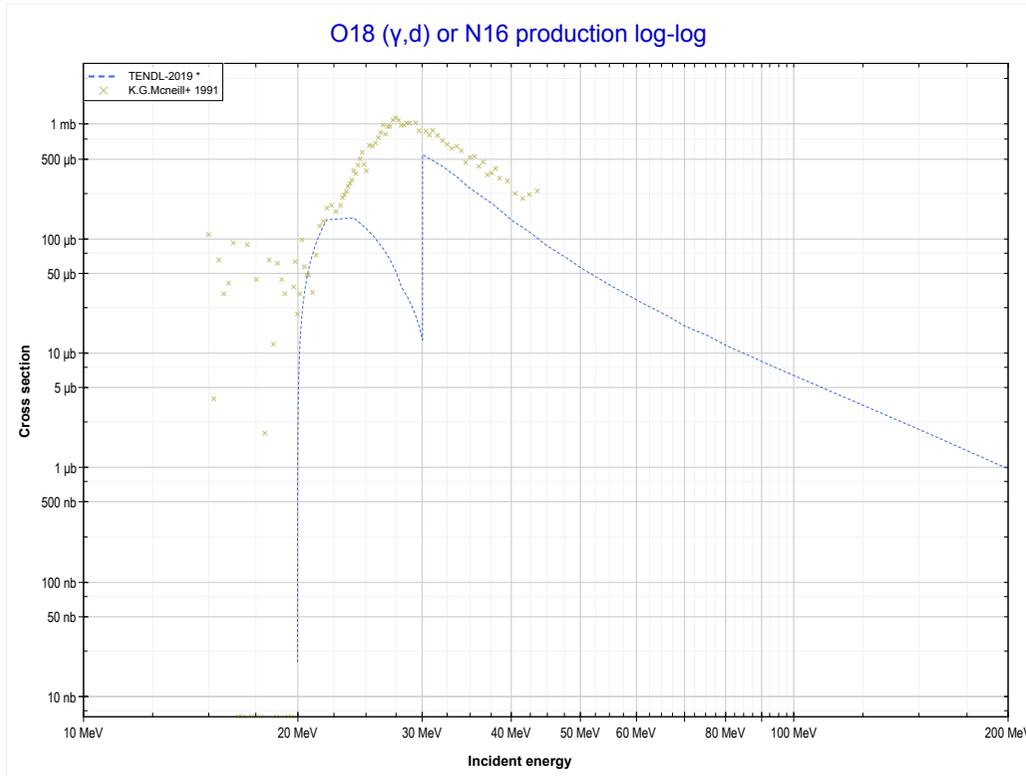
Reaction	Q-Value
O18(γ,d)N16	-19602.44 keV
O18($\gamma,n+p$)N16	-21827.00 keV

<< 8-O-16	8-O-18	10-Ne-20 >>
<< MT28 ($\gamma, n+p$)	MT103 (γ, p) or MT5 (N17 production)	MT104 (γ, d) >>



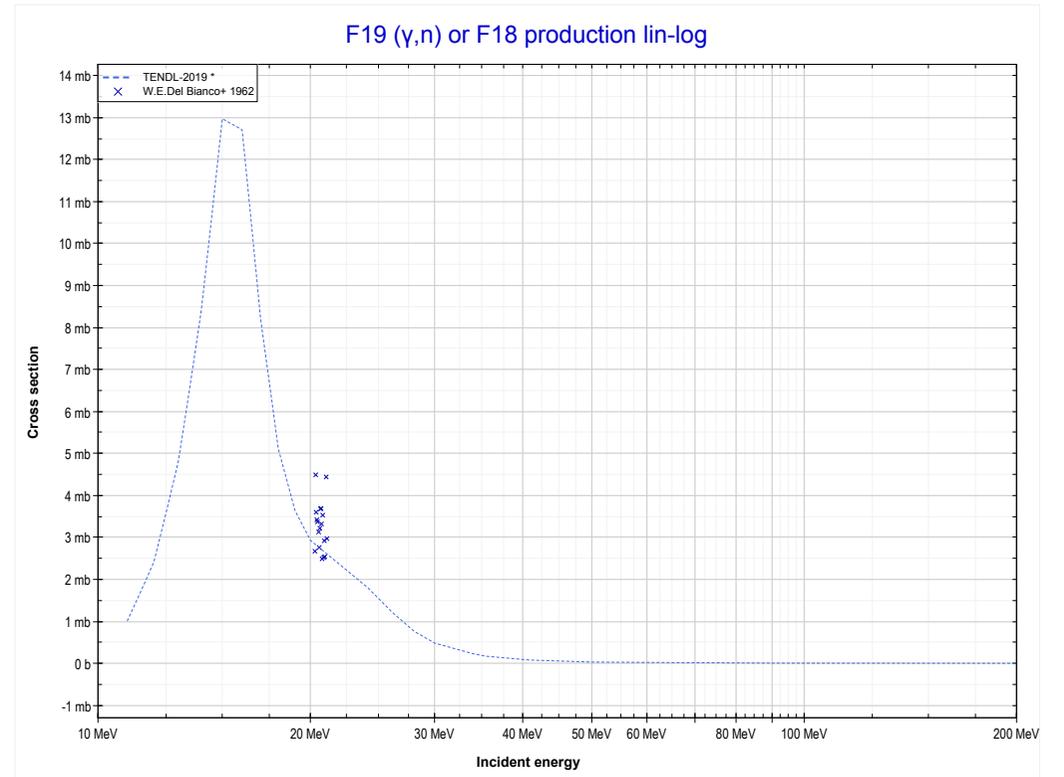
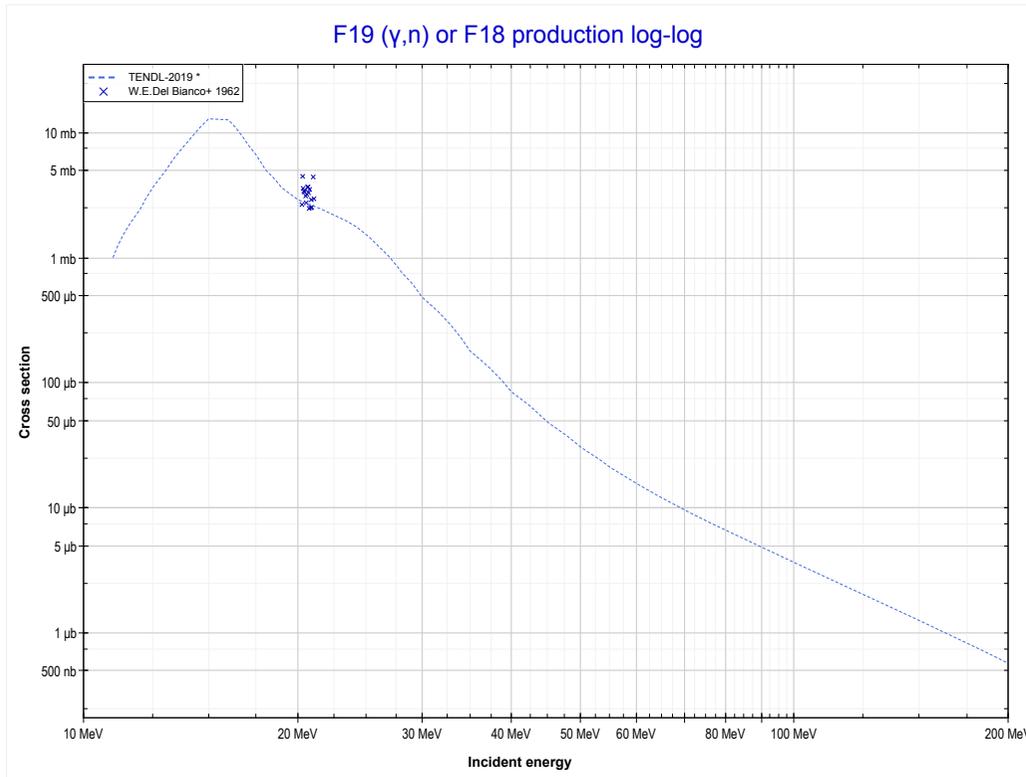
Reaction	Q-Value
O18(γ, p)N17	-15941.79 keV

	8-O-18	22-Ti-46 >>
<< MT103 (γ,p)	MT104 (γ,d) or MT5 (N16 production)	9-F-19 MT4 (γ,n) >>



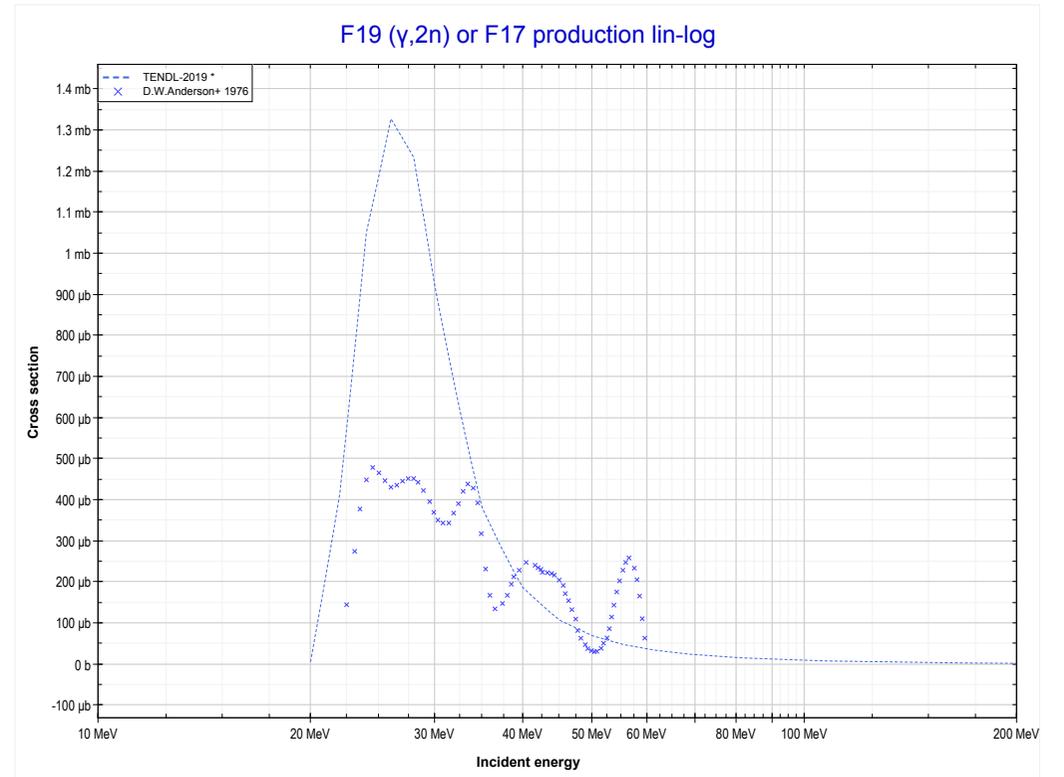
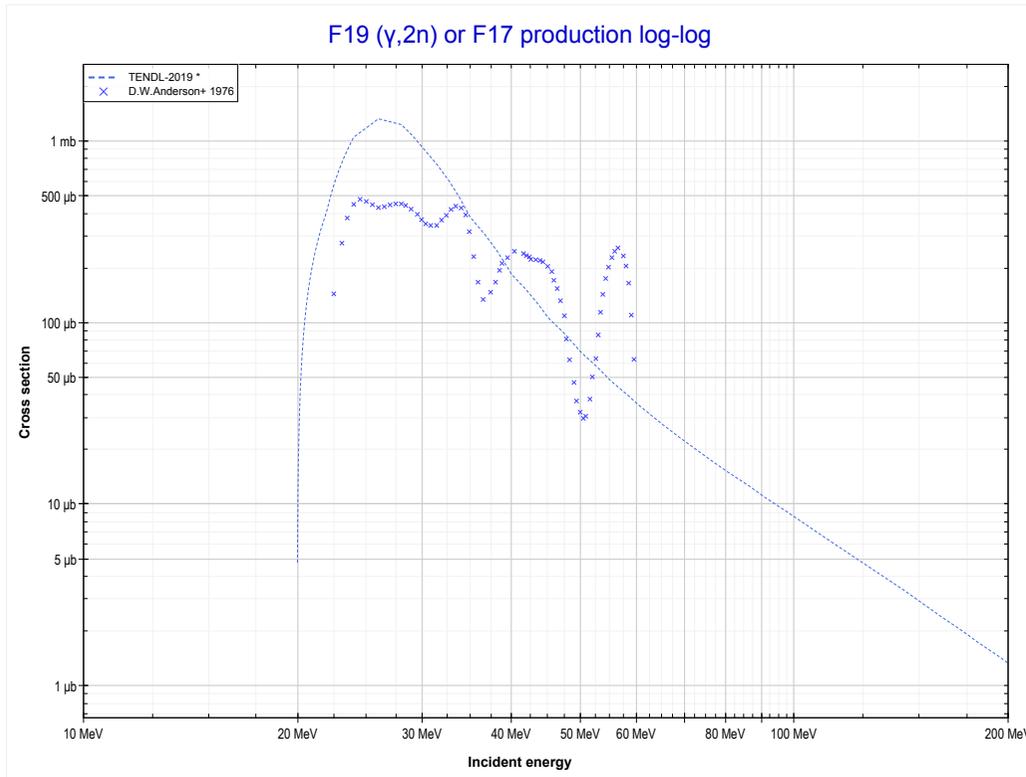
Reaction	Q-Value
O18(γ,d)N16	-19602.44 keV
O18($\gamma,n+p$)N16	-21827.00 keV

<< 8-O-16	9-F-19	10-Ne-20 >>
<< 8-O-18 MT104 (γ,d)	MT4 (γ,n) or MT5 (F18 production)	MT16 (γ,2n) >>



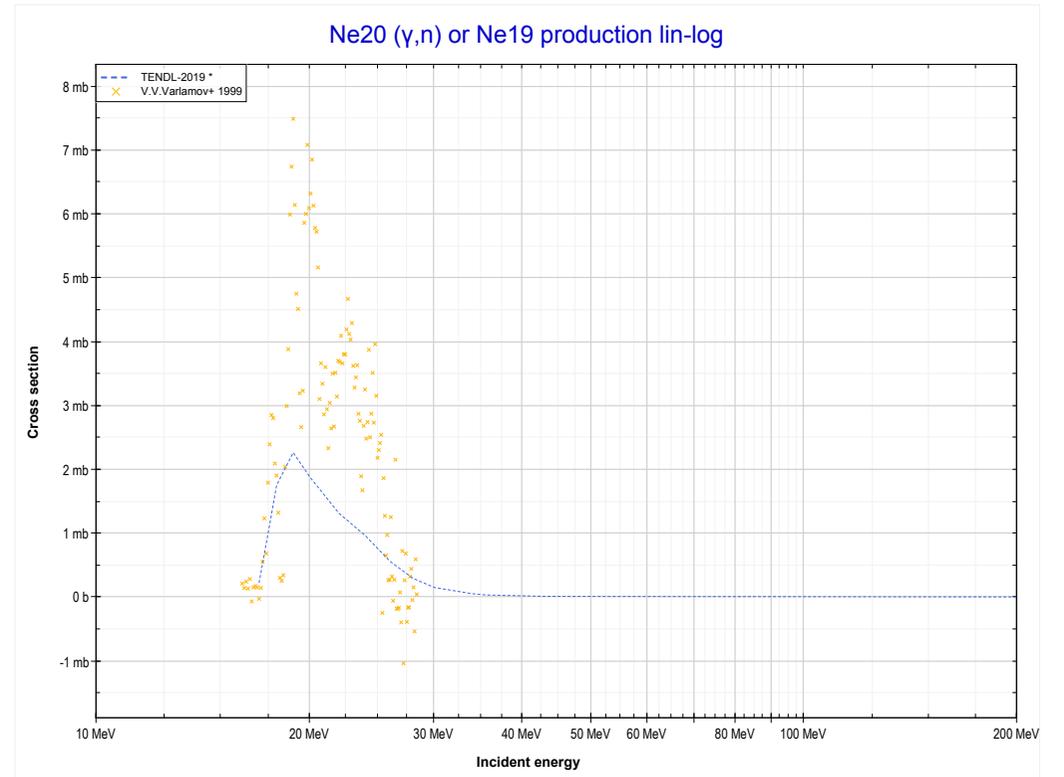
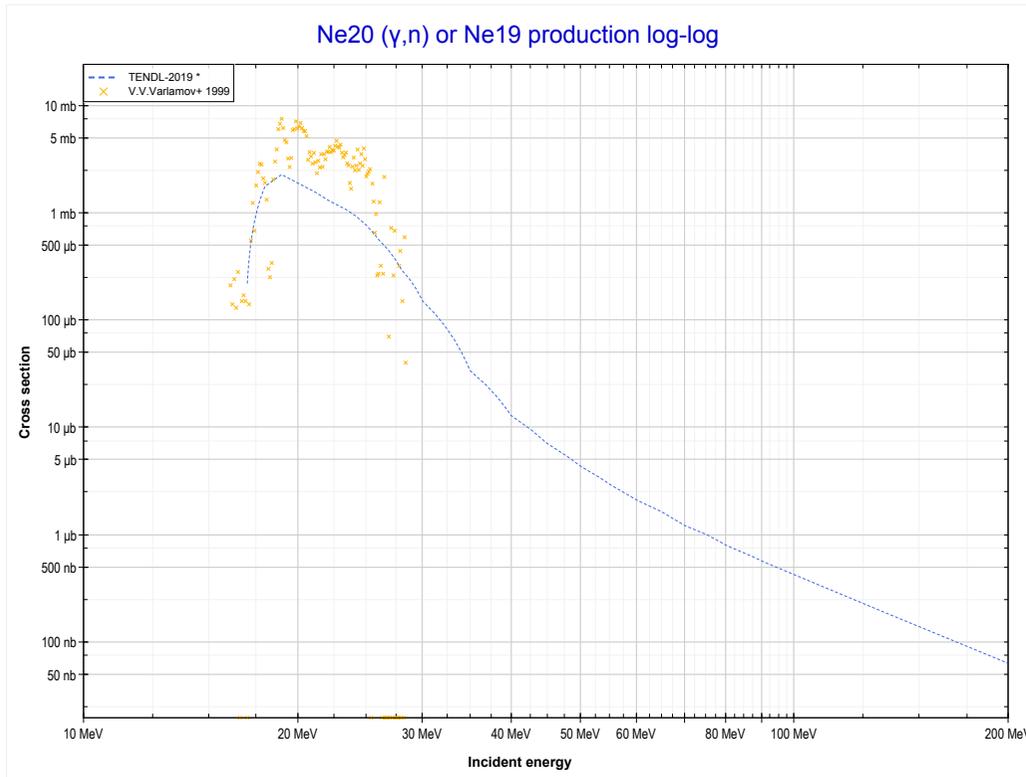
Reaction	Q-Value
F19(γ,n)F18	-10431.86 keV

<< 8-O-16	9-F-19	12-Mg-26 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (F17 production)	10-Ne-20 MT4 (γ,n) >>



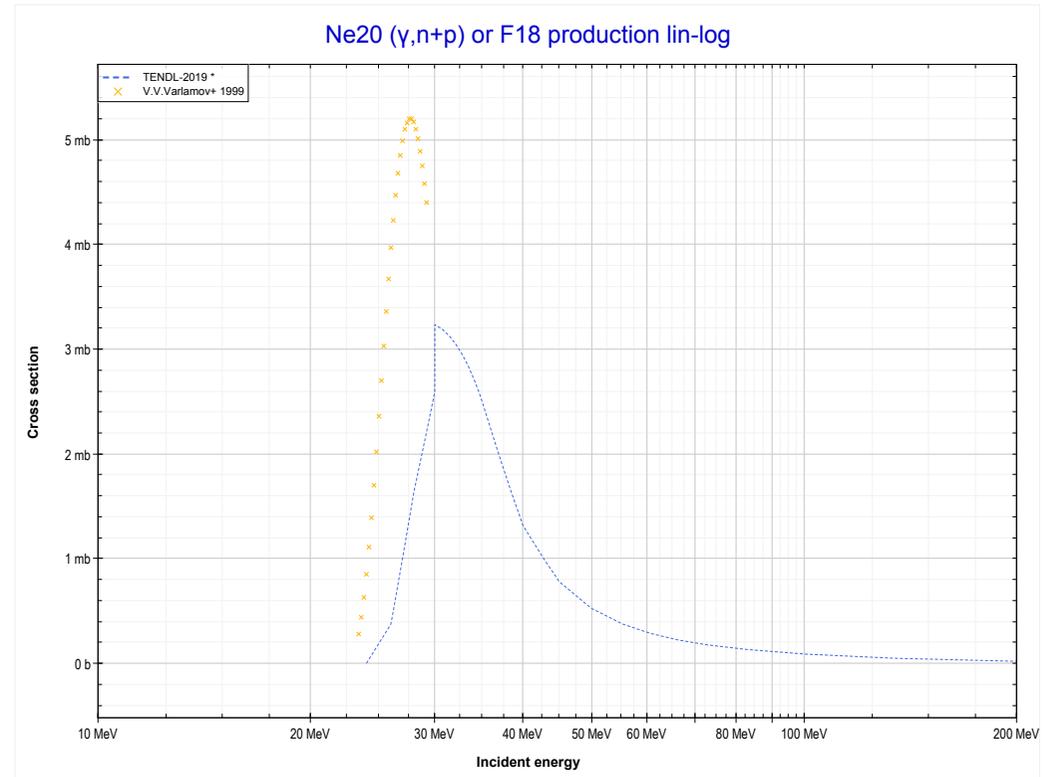
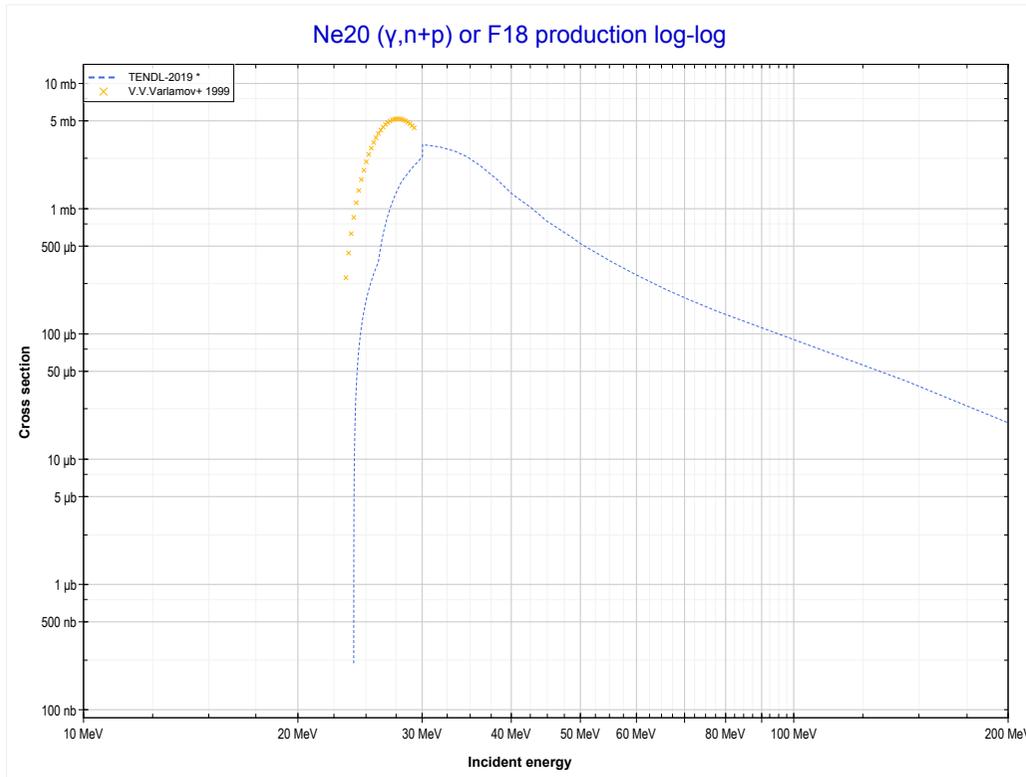
Reaction	Q-Value
F19($\gamma,2n$)F17	-19581.78 keV

<< 9-F-19	10-Ne-20	10-Ne-22 >>
<< 9-F-19 MT16 ($\gamma,2n$)	MT4 (γ,n) or MT5 (Ne19 production)	MT28 ($\gamma,n+p$) >>



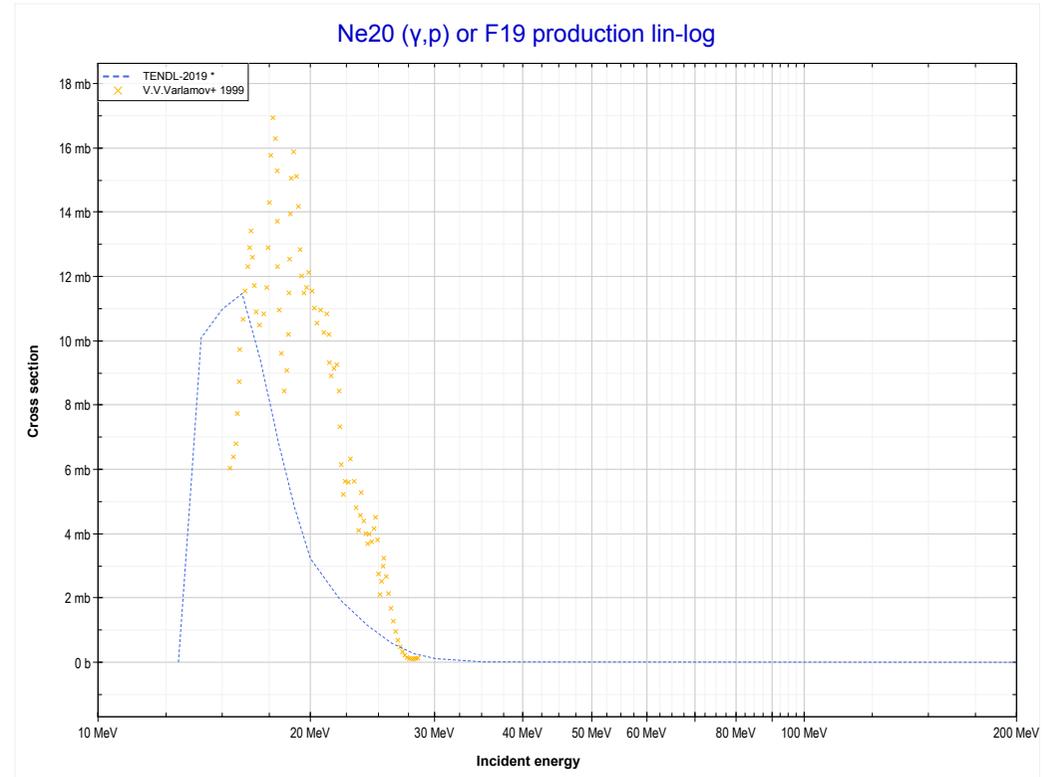
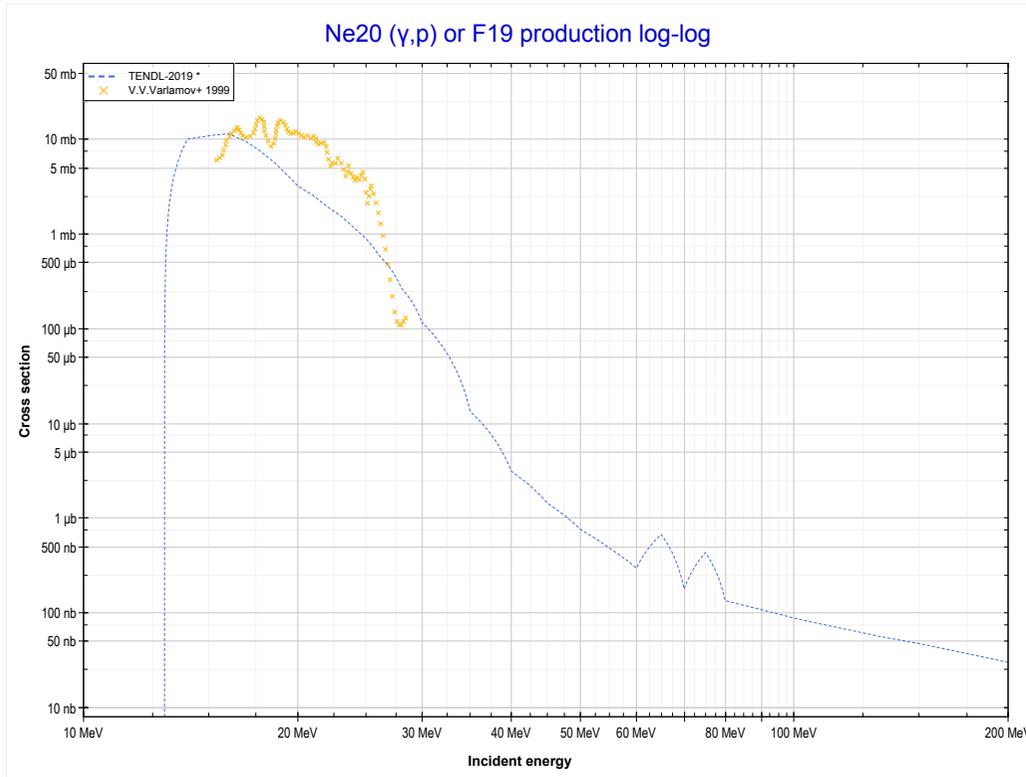
Reaction	Q-Value
Ne20(γ,n)Ne19	-16865.30 keV

<< 8-O-18	10-Ne-20	15-P-31 >>
<< MT4 (γ,n)	MT28 ($\gamma,n+p$) or MT5 (F18 production)	MT103 (γ,p) >>



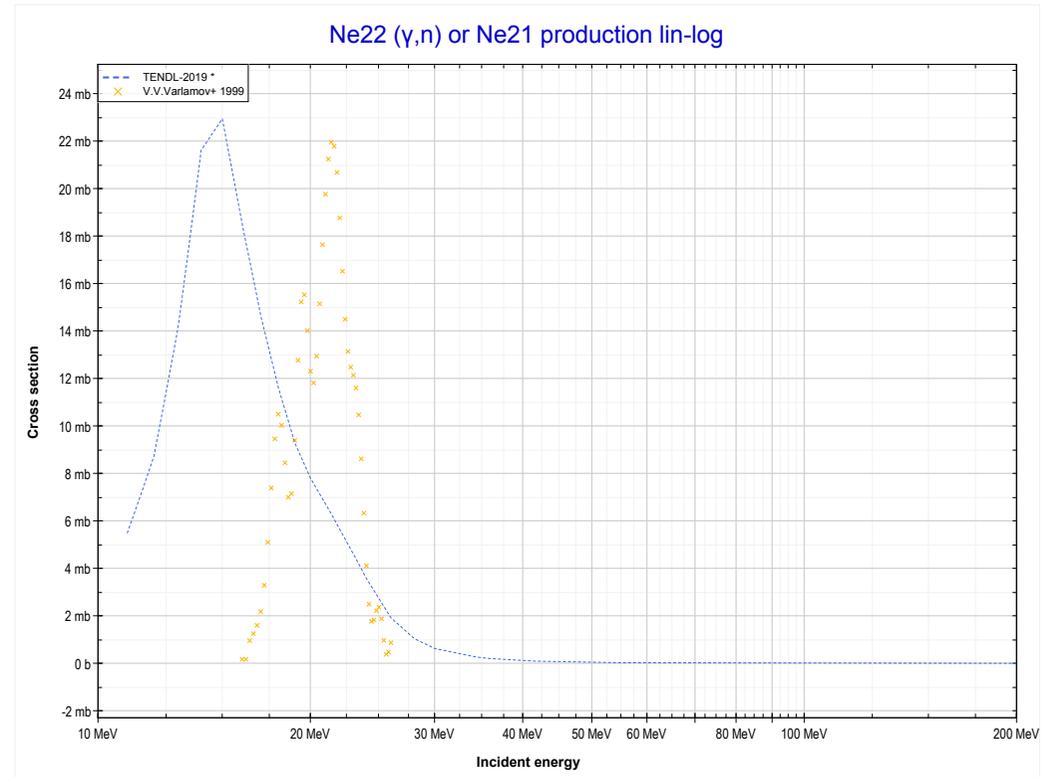
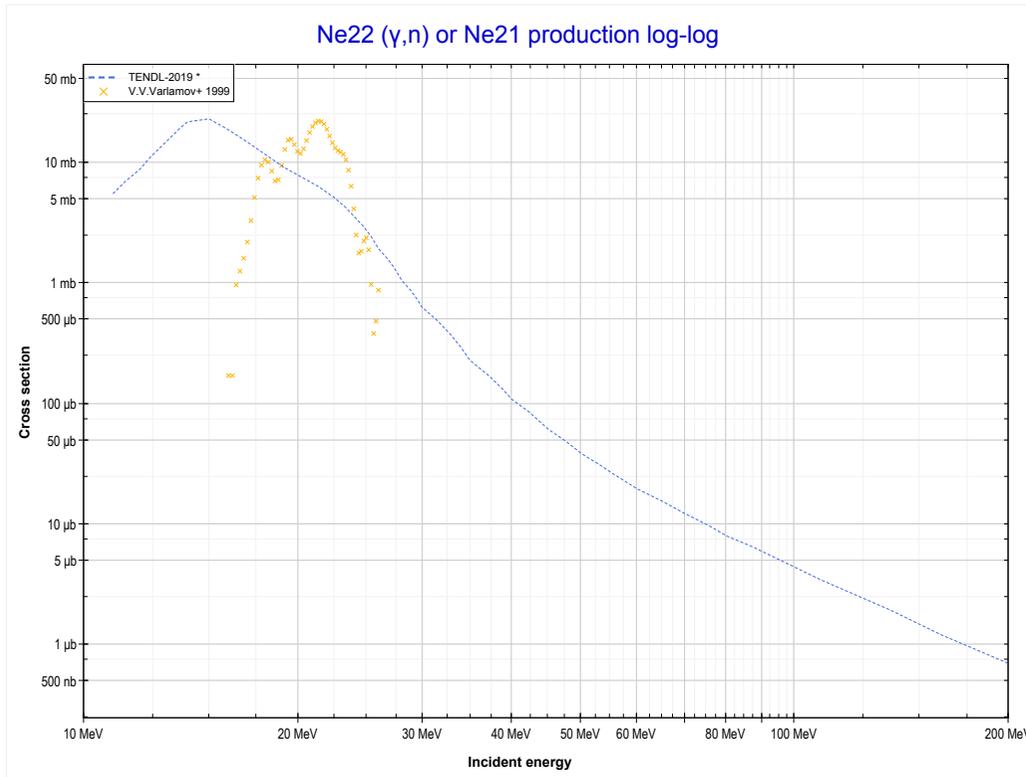
Reaction	Q-Value
Ne20(γ,d)F18	-21050.75 keV
Ne20($\gamma,n+p$)F18	-23275.32 keV

<< 8-O-18	10-Ne-20	10-Ne-22 >>
<< MT28 ($\gamma, n+p$)	MT103 (γ, p) or MT5 (F19 production)	10-Ne-22 MT4 (γ, n) >>



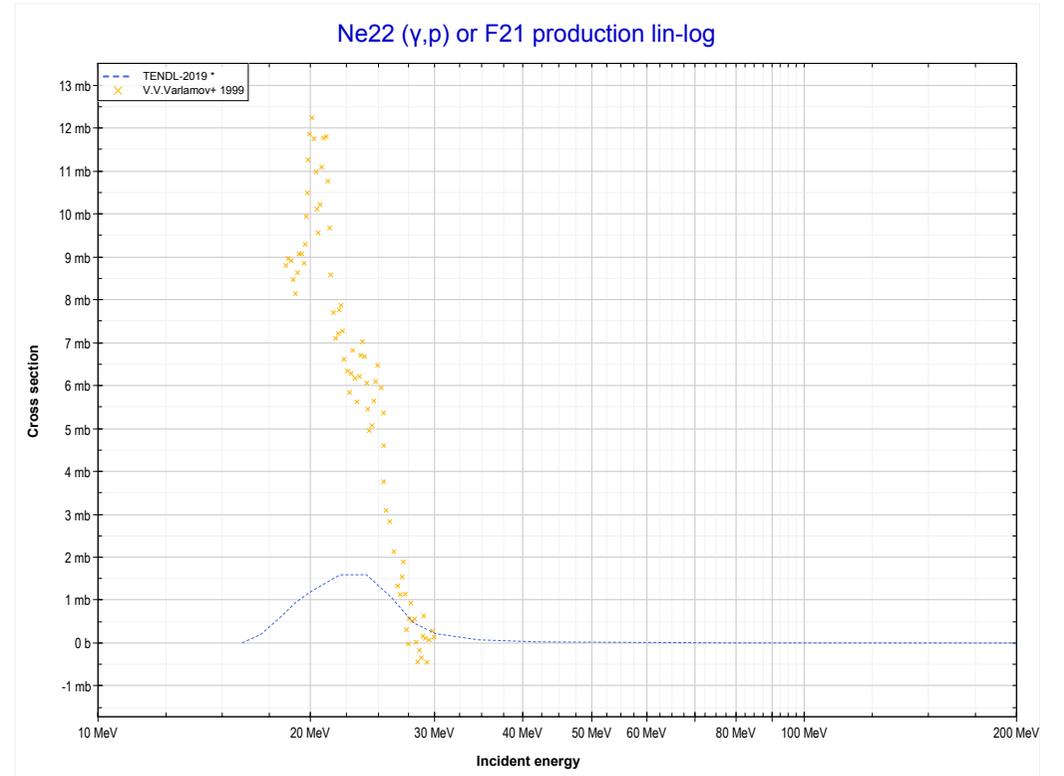
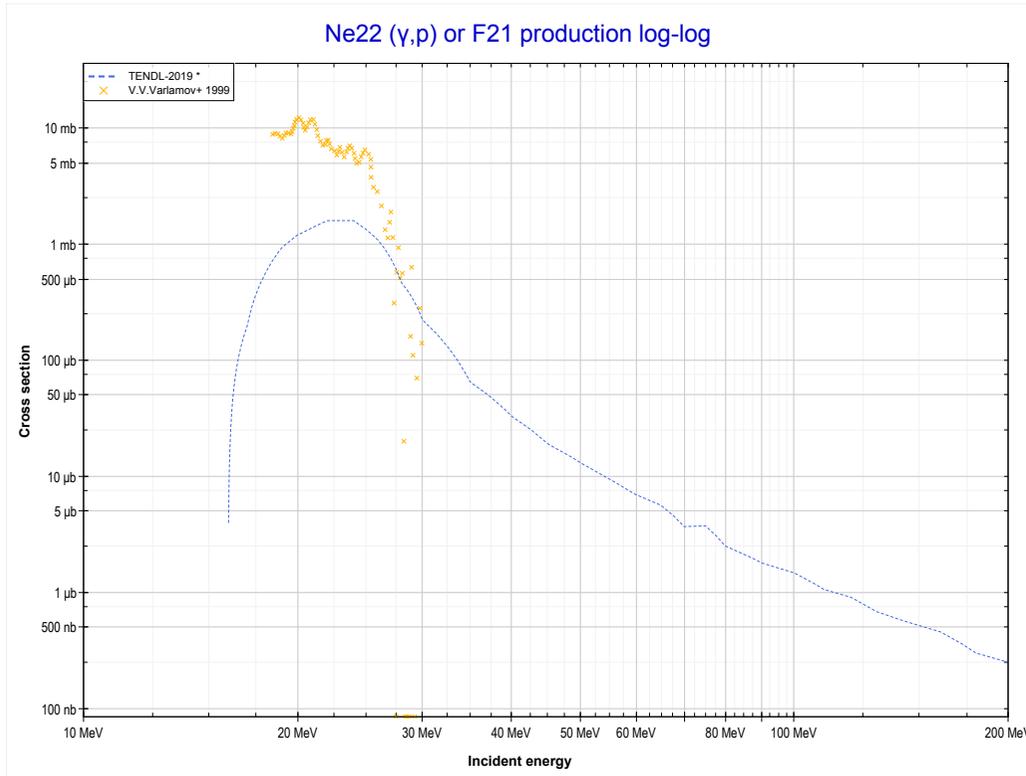
Reaction	Q-Value
Ne20(γ, p)F19	-12843.46 keV

<< 10-Ne-20	10-Ne-22	12-Mg-24 >>
<< 10-Ne-20 MT103 (γ,p)	MT4 (γ,n) or MT5 (Ne21 production)	MT103 (γ,p) >>



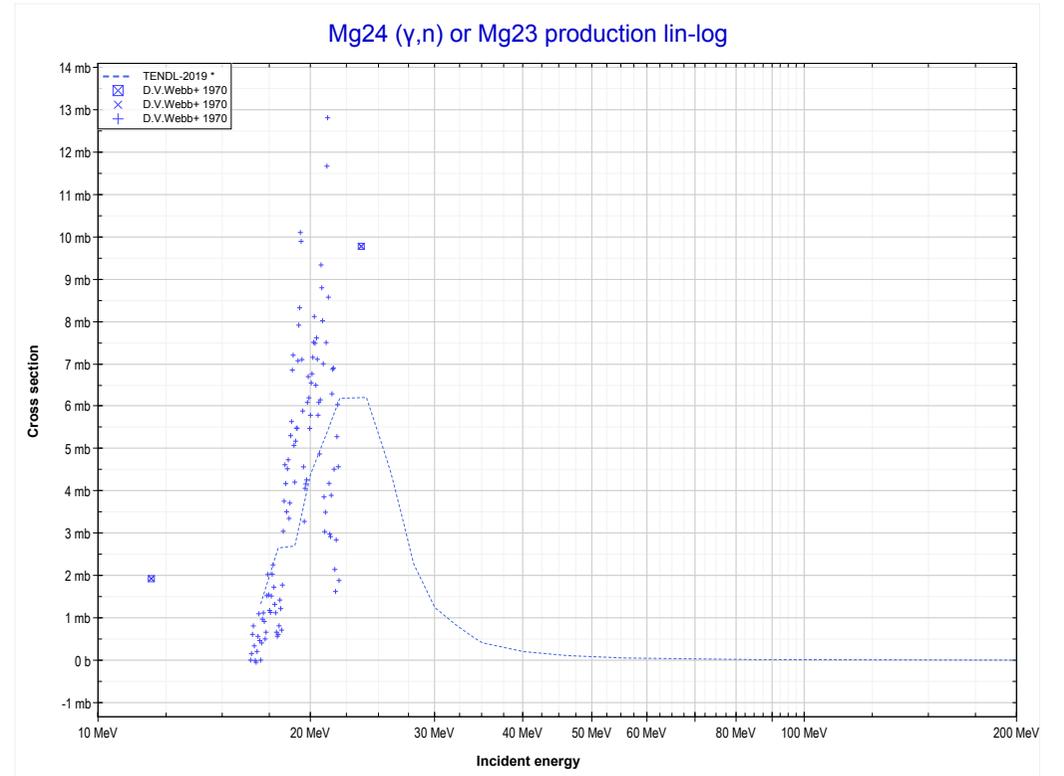
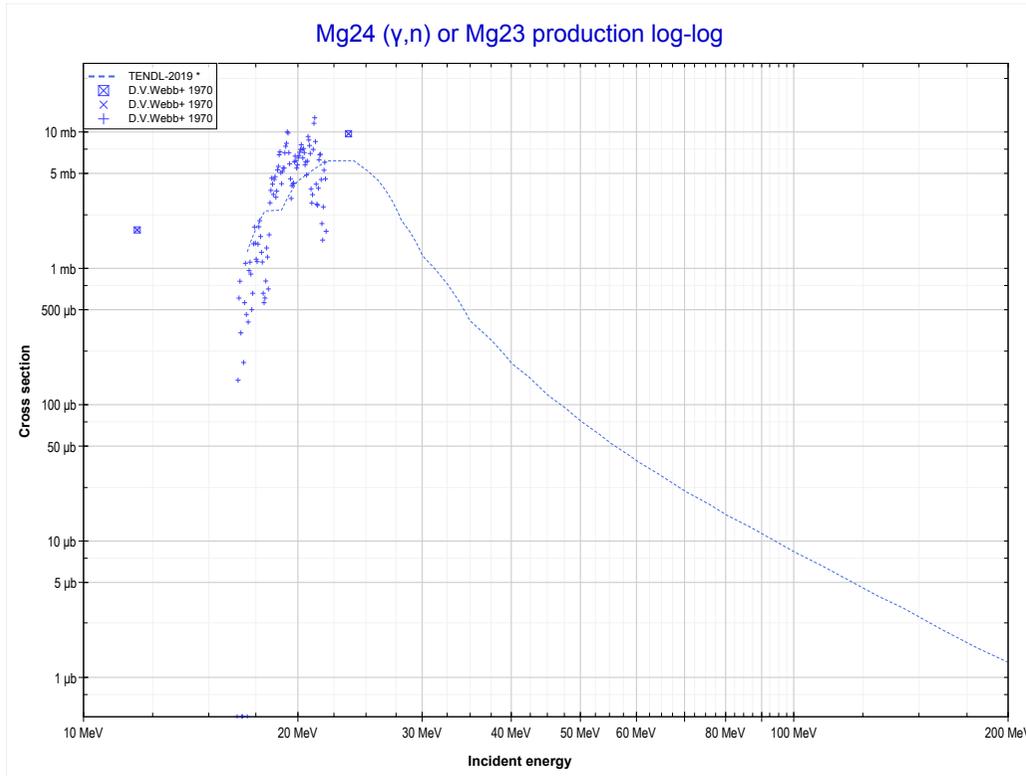
Reaction	Q-Value
Ne22(γ,n)Ne21	-10364.26 keV

<< 10-Ne-20	10-Ne-22	13-Al-27 >>
<< MT4 (γ,n)	MT103 (γ,p) or MT5 (F21 production)	12-Mg-24 MT4 (γ,n) >>



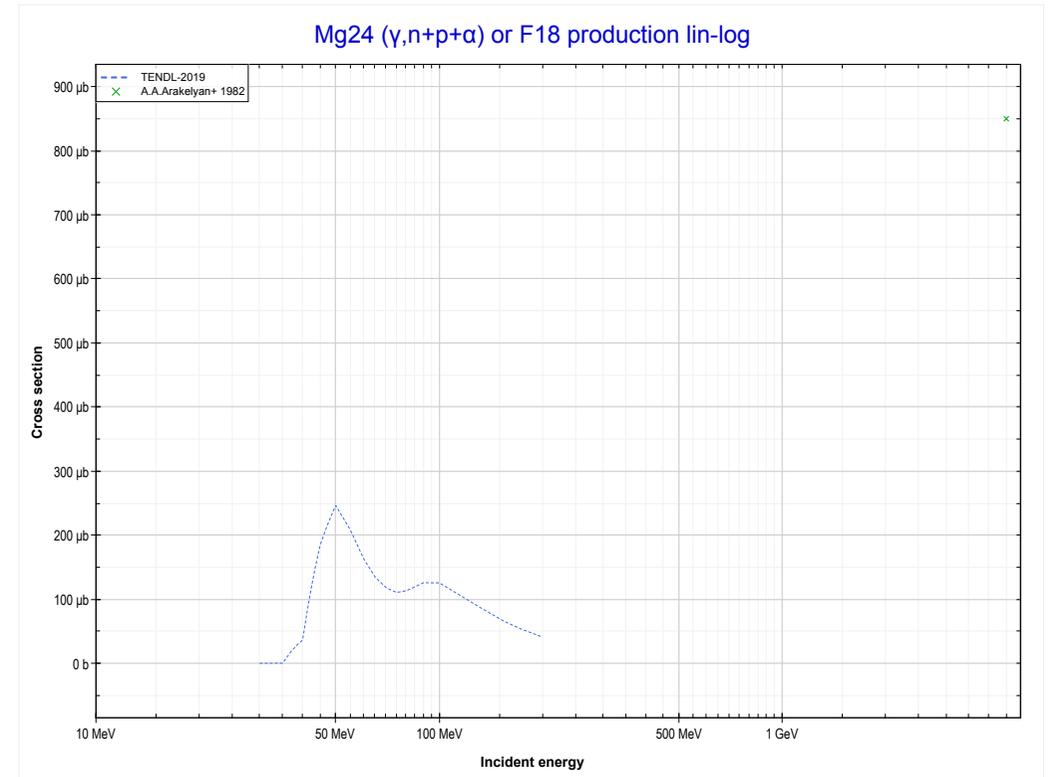
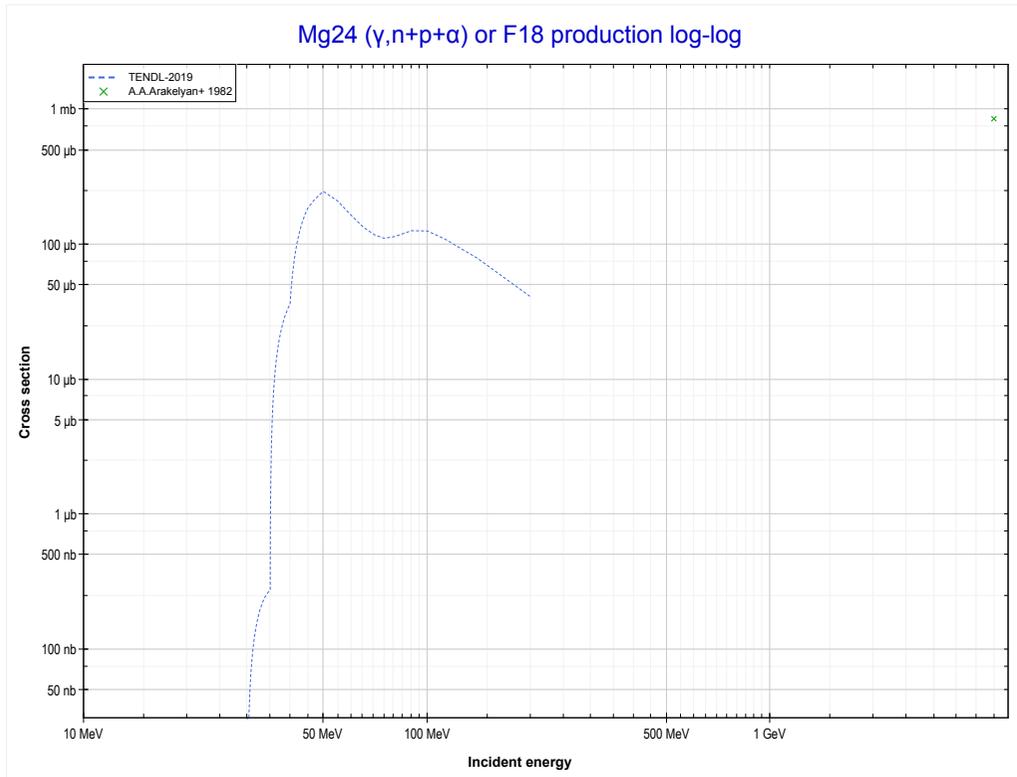
Reaction	Q-Value
Ne22(γ,p)F21	-15266.09 keV

<< 10-Ne-22	12-Mg-24	12-Mg-26 >>
<< 10-Ne-22 MT103 (γ, p)	MT4 (γ, n) or MT5 (Mg23 production)	MT45 ($\gamma, n+p+\alpha$) >>



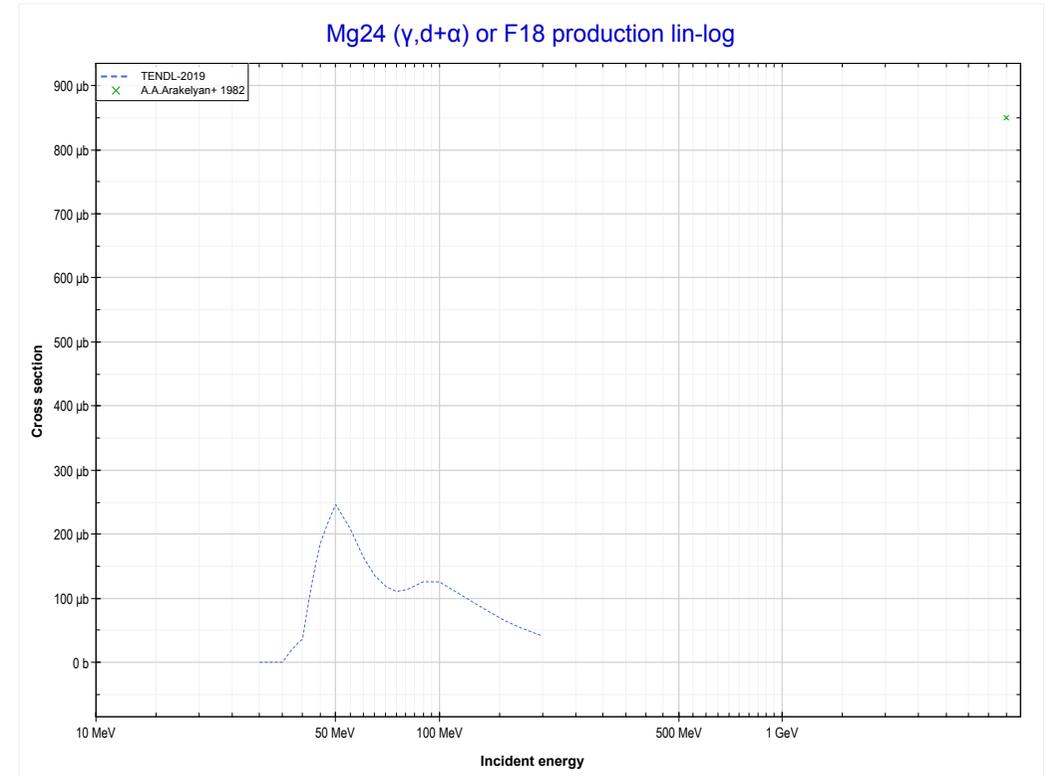
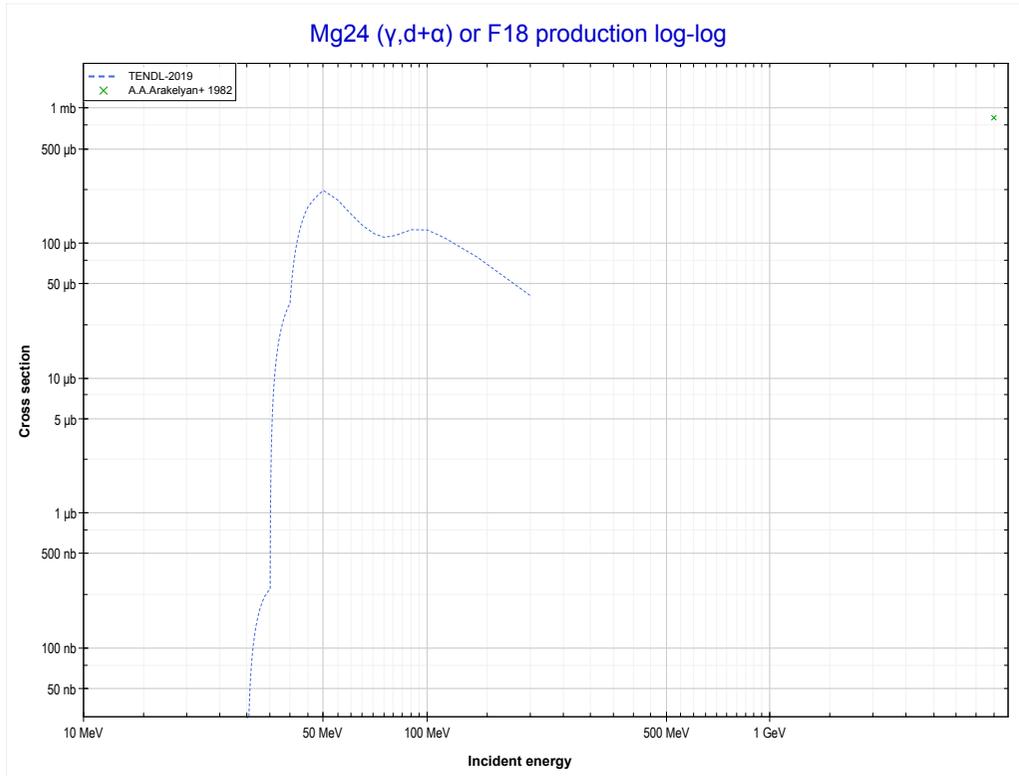
Reaction	Q-Value
Mg24(γ, n)Mg23	-16531.38 keV

<< 6-C-12	12-Mg-24	
<< MT4 (γ, n)	MT45 ($\gamma, n+p+\alpha$) or MT5 (F18 production)	MT117 ($\gamma, d+\alpha$) >>



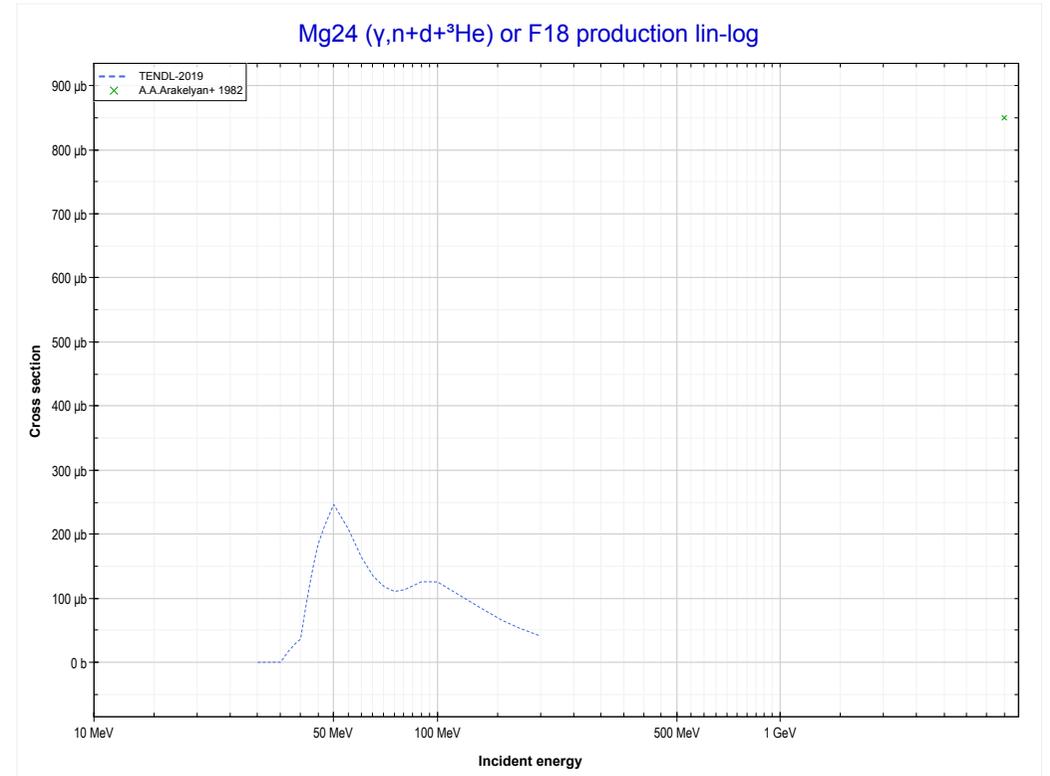
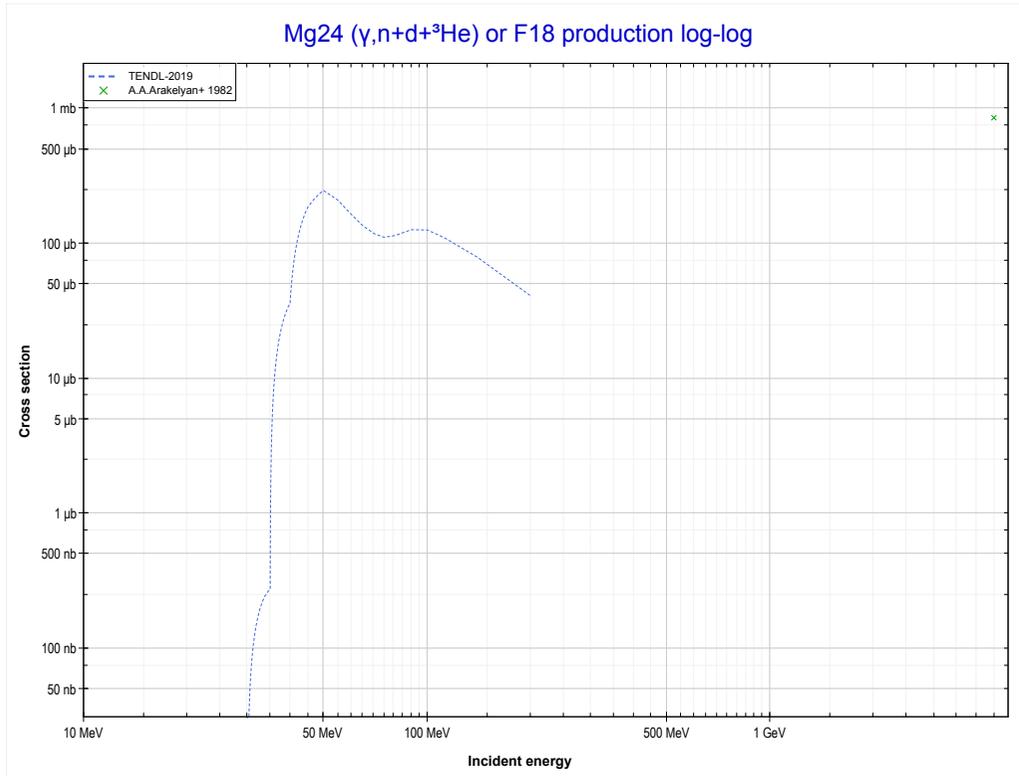
Reaction	Q-Value	Reaction	Q-Value
Mg24($\gamma, d+\alpha$)F18	-30367.31 keV	Mg24($\gamma, n+p+2d$)F18	-56438.40 keV
Mg24($\gamma, n+p+\alpha$)F18	-32591.87 keV	Mg24($\gamma, 2n+2p+d$)F18	-58662.97 keV
Mg24($\gamma, t+He3$)F18	-44687.70 keV	Mg24($\gamma, 3n+3p$)F18	-60887.53 keV
Mg24($\gamma, p+d+t$)F18	-50181.17 keV		
Mg24($\gamma, n+d+He3$)F18	-50944.93 keV		
Mg24($\gamma, n+2p+t$)F18	-52405.74 keV		
Mg24($\gamma, 2n+p+He3$)F18	-53169.49 keV		
Mg24($\gamma, 3d$)F18	-54213.83 keV		

<< 3-Li-7	12-Mg-24	
<< MT45 ($\gamma, n+p+\alpha$)	MT117 ($\gamma, d+\alpha$) or MT5 (F18 production)	MT187 ($\gamma, n+d+{}^3\text{He}$) >>



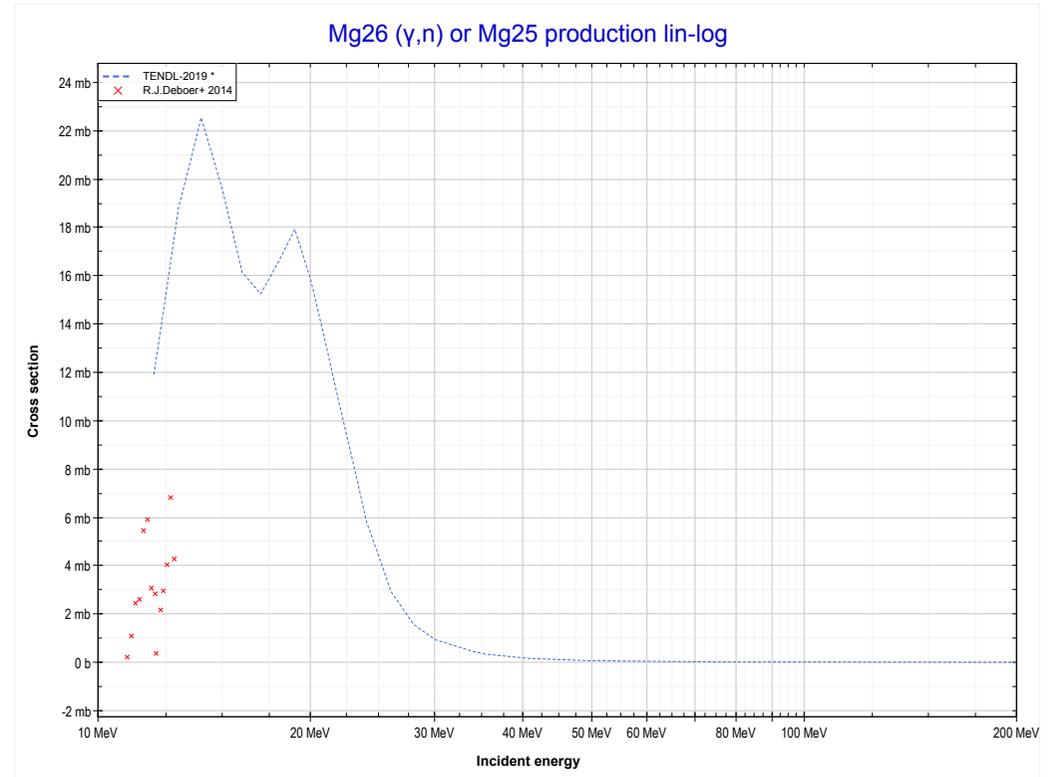
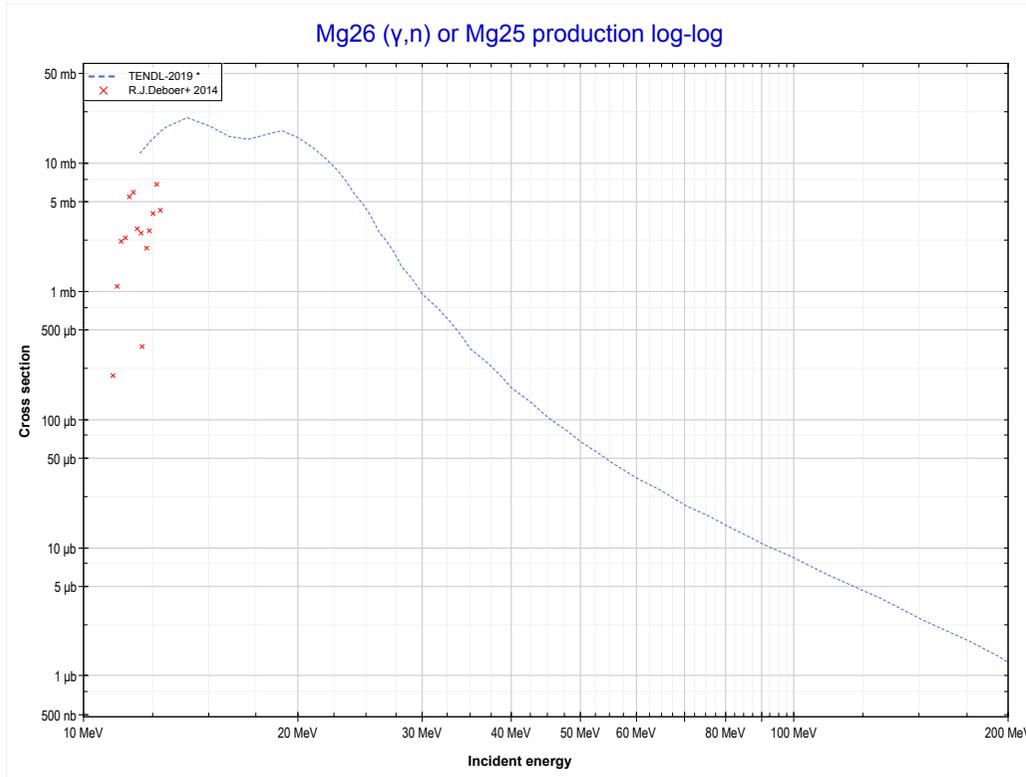
Reaction	Q-Value	Reaction	Q-Value
Mg24($\gamma, d+\alpha$)F18	-30367.31 keV	Mg24($\gamma, n+p+2d$)F18	-56438.40 keV
Mg24($\gamma, n+p+\alpha$)F18	-32591.87 keV	Mg24($\gamma, 2n+2p+d$)F18	-58662.97 keV
Mg24($\gamma, t+{}^3\text{He}$)F18	-44687.70 keV	Mg24($\gamma, 3n+3p$)F18	-60887.53 keV
Mg24($\gamma, p+d+t$)F18	-50181.17 keV		
Mg24($\gamma, n+d+{}^3\text{He}$)F18	-50944.93 keV		
Mg24($\gamma, n+2p+t$)F18	-52405.74 keV		
Mg24($\gamma, 2n+p+{}^3\text{He}$)F18	-53169.49 keV		
Mg24($\gamma, 3d$)F18	-54213.83 keV		

<< 3-Li-7	12-Mg-24	
<< MT117 ($\gamma, d + \alpha$)	MT187 ($\gamma, n + d + {}^3\text{He}$) or MT5 (F18 production)	12-Mg-26 MT4 (γ, n) >>



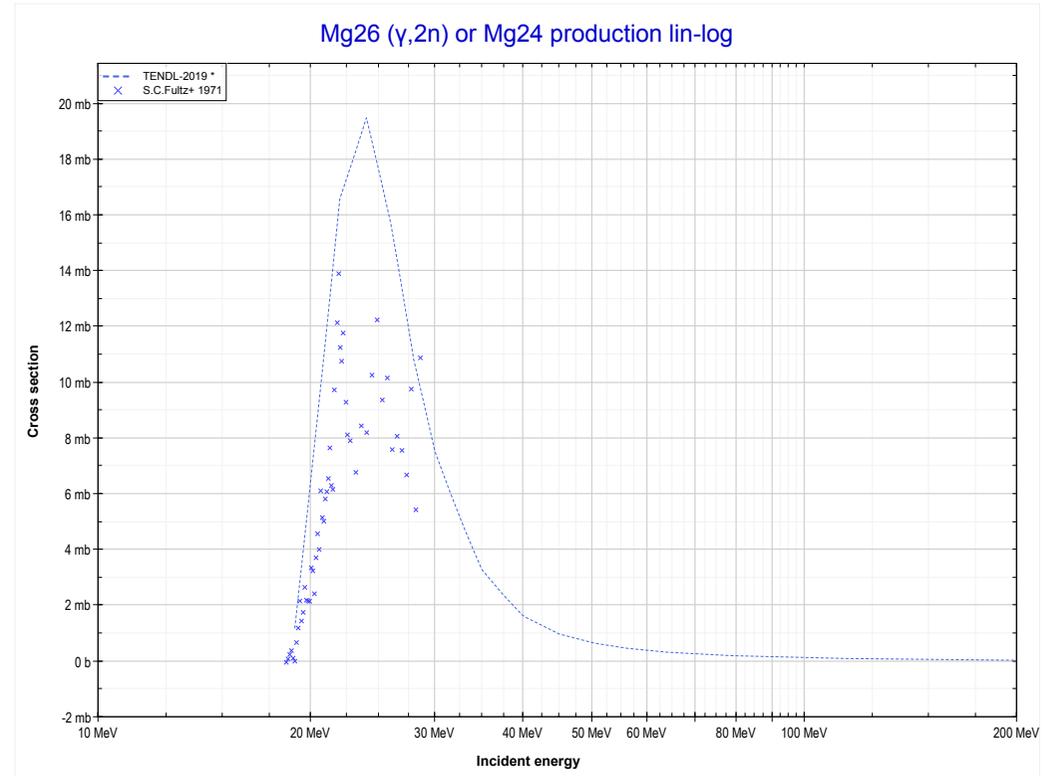
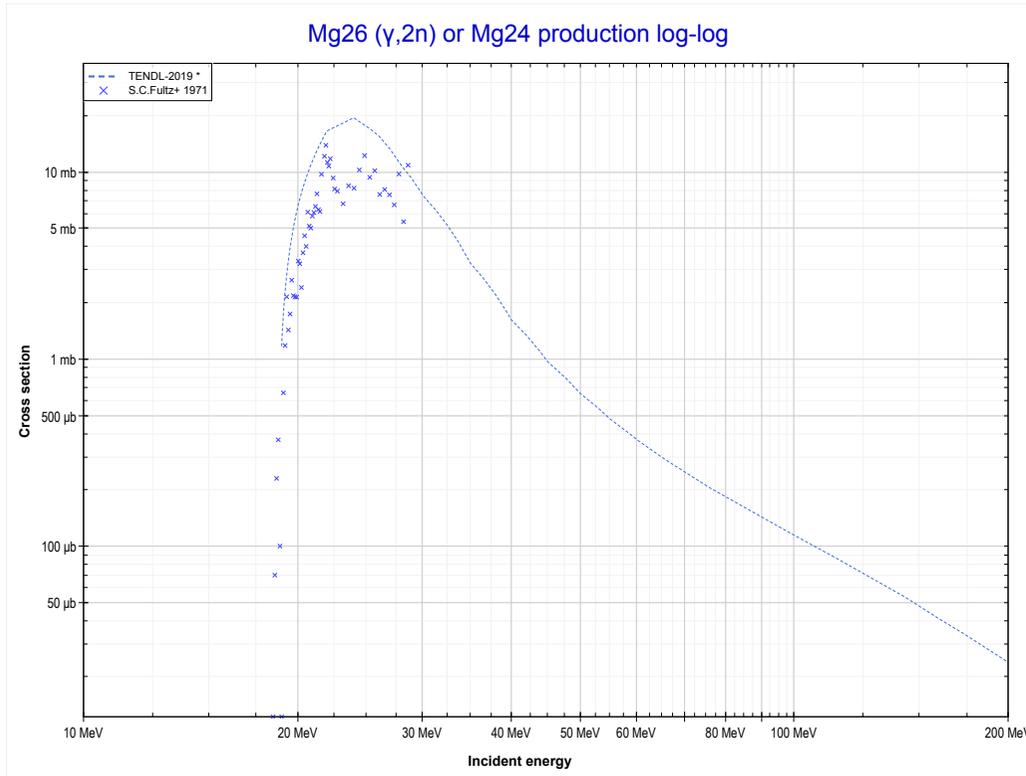
Reaction	Q-Value	Reaction	Q-Value
Mg24($\gamma, d + \alpha$)F18	-30367.31 keV	Mg24($\gamma, n + p + 2d$)F18	-56438.40 keV
Mg24($\gamma, n + p + \alpha$)F18	-32591.87 keV	Mg24($\gamma, 2n + 2p + d$)F18	-58662.97 keV
Mg24($\gamma, t + \text{He3}$)F18	-44687.70 keV	Mg24($\gamma, 3n + 3p$)F18	-60887.53 keV
Mg24($\gamma, p + d + t$)F18	-50181.17 keV		
Mg24($\gamma, n + d + \text{He3}$)F18	-50944.93 keV		
Mg24($\gamma, n + 2p + t$)F18	-52405.74 keV		
Mg24($\gamma, 2n + p + \text{He3}$)F18	-53169.49 keV		
Mg24($\gamma, 3d$)F18	-54213.83 keV		

<< 12-Mg-24	12-Mg-26	13-Al-27 >>
<< 12-Mg-24 MT187 ($\gamma, n + d + {}^3\text{He}$)	MT4 (γ, n) or MT5 (Mg25 production)	MT16 ($\gamma, 2n$) >>



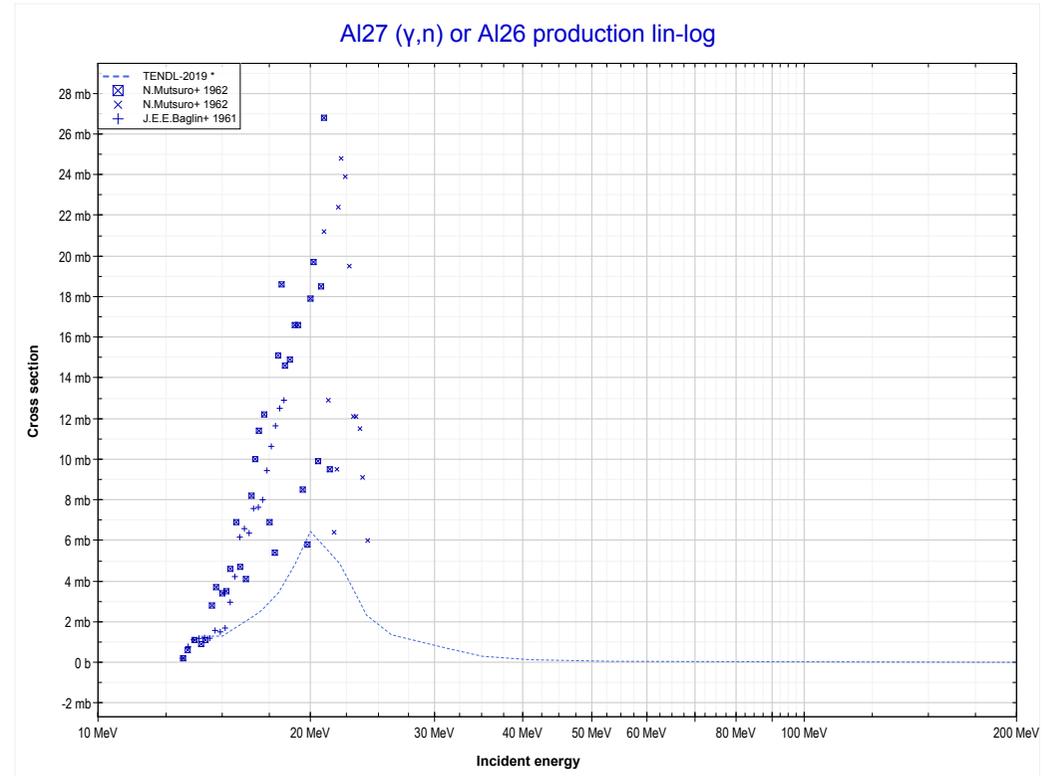
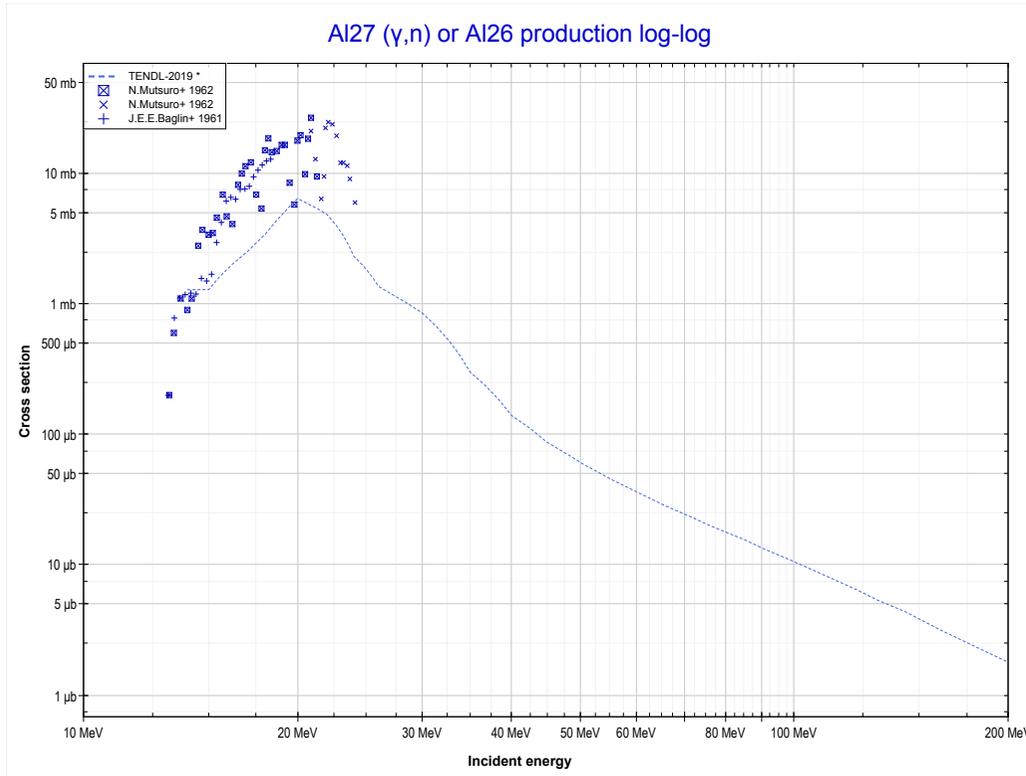
Reaction	Q-Value
Mg26(γ, n)Mg25	-11093.08 keV

<< 9-F-19	12-Mg-26	15-P-31 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Mg24 production)	13-Al-27 MT4 (γ,n) >>



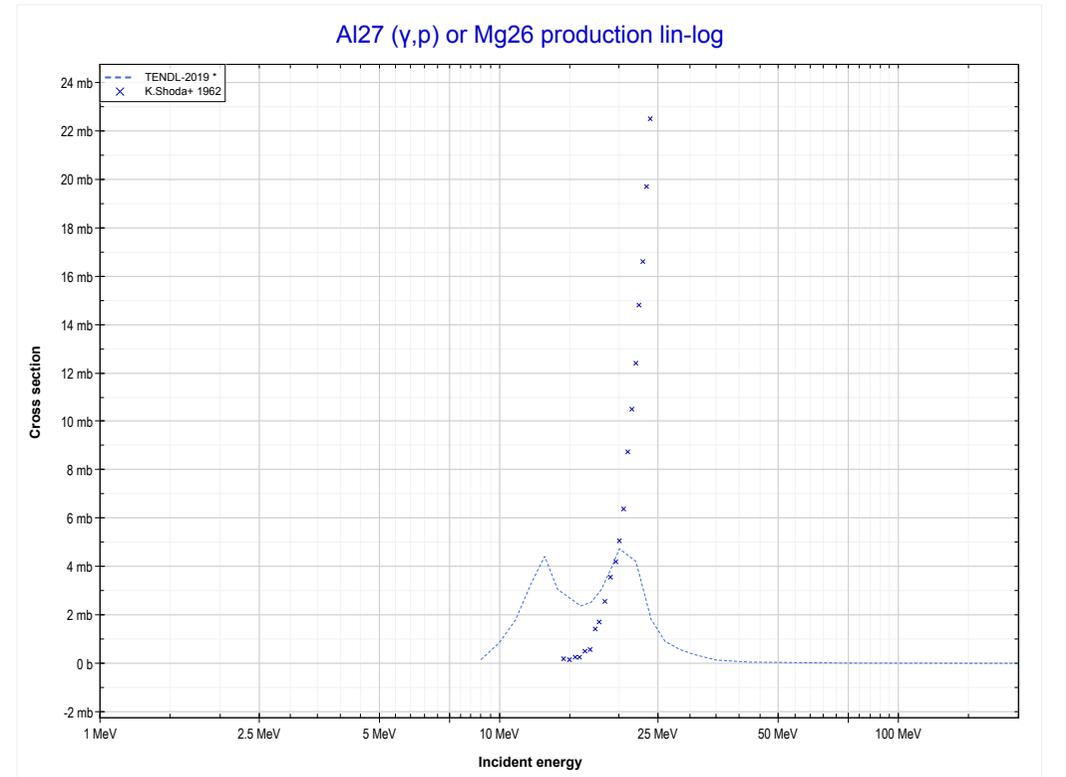
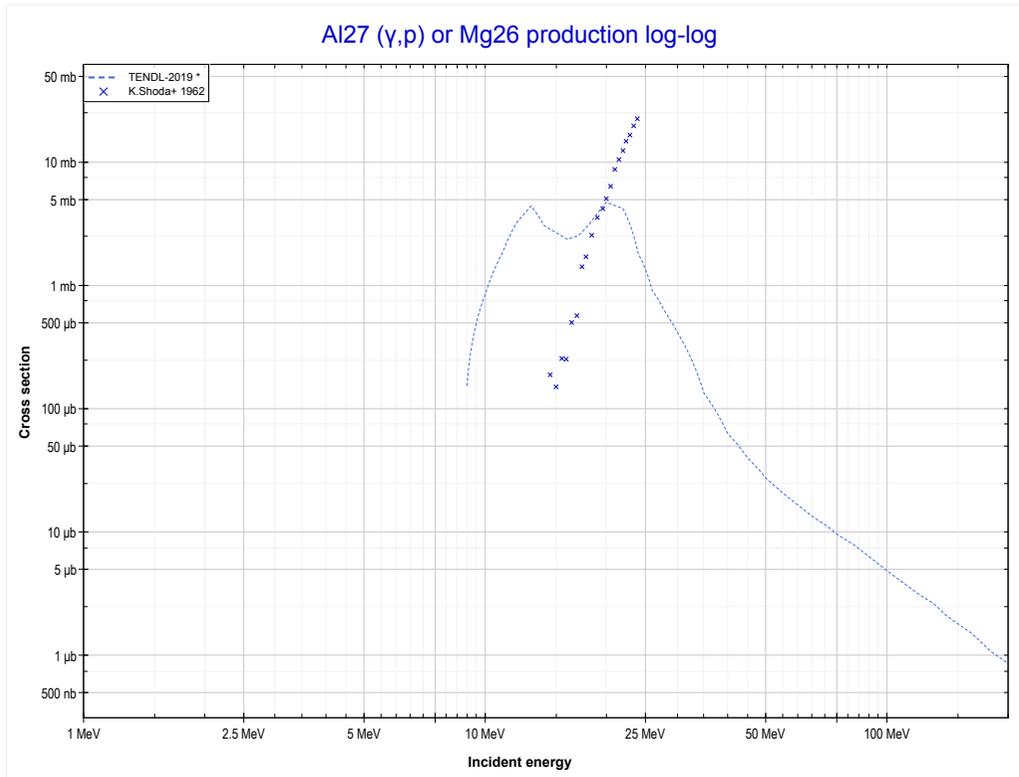
Reaction	Q-Value
Mg26($\gamma,2n$)Mg24	-18423.61 keV

<< 12-Mg-26	13-Al-27	14-Si-28 >>
<< 12-Mg-26 MT16 ($\gamma,2n$)	MT4 (γ,n) or MT5 (Al26 production)	MT103 (γ,p) >>



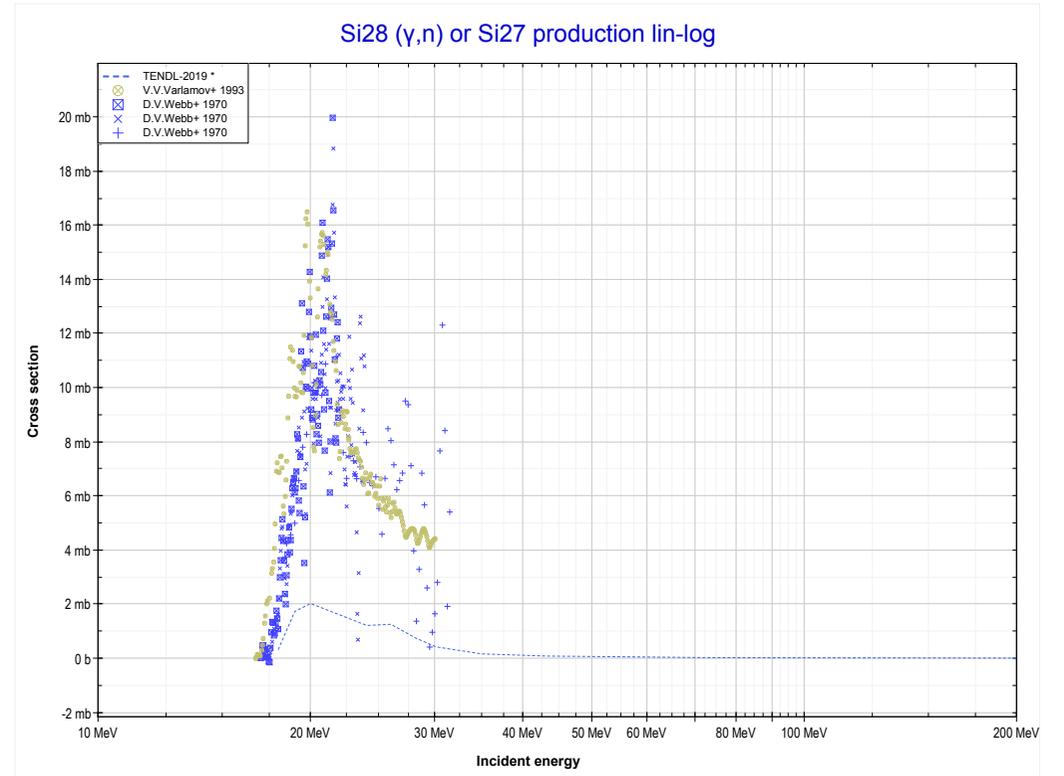
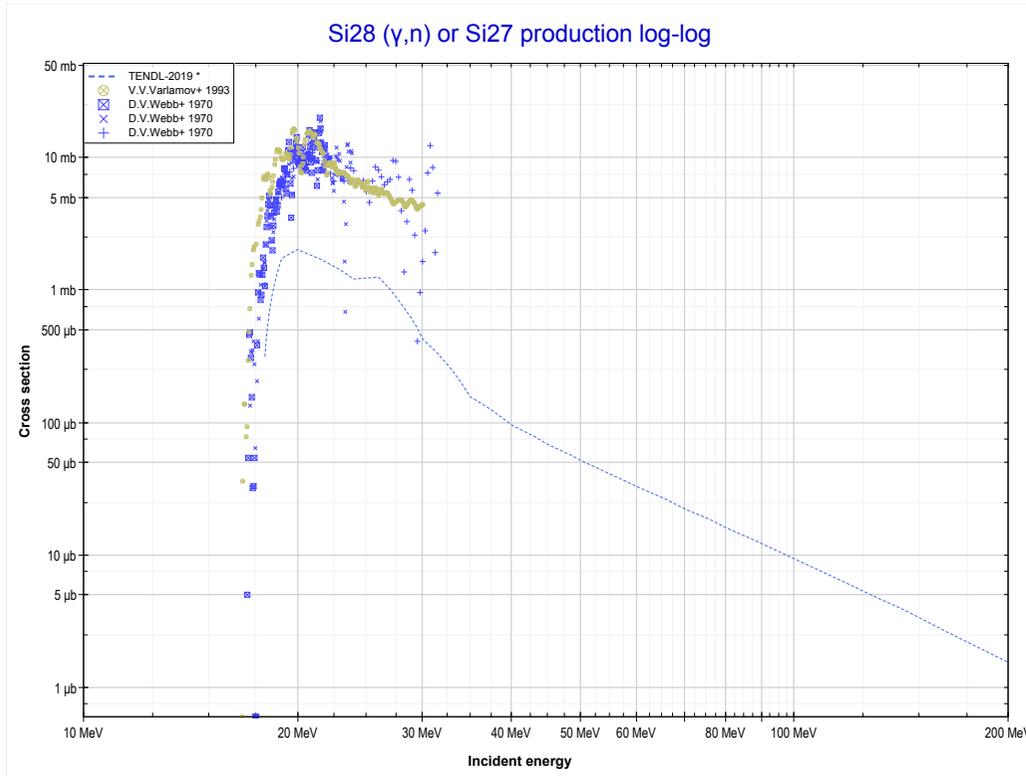
Reaction	Q-Value
Al27(γ,n)Al26	-13058.03 keV

<< 10-Ne-22	13-Al-27	14-Si-28 >>
<< MT4 (γ,n)	MT103 (γ,p) or MT5 (Mg26 production)	14-Si-28 MT4 (γ,n) >>



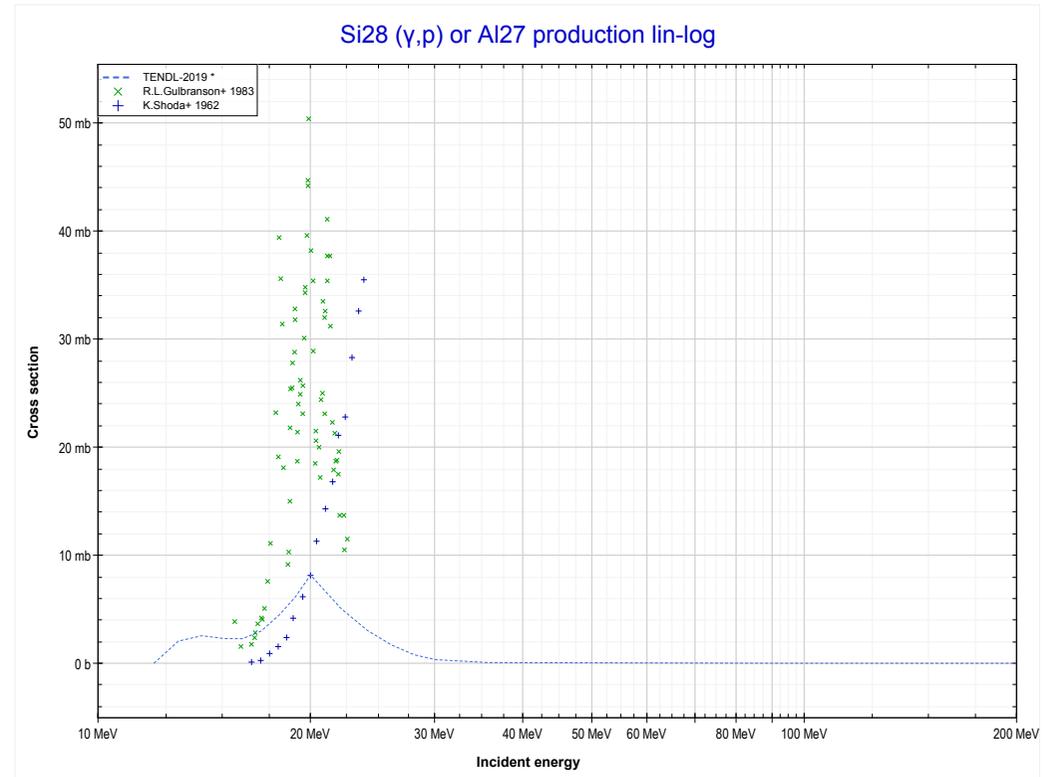
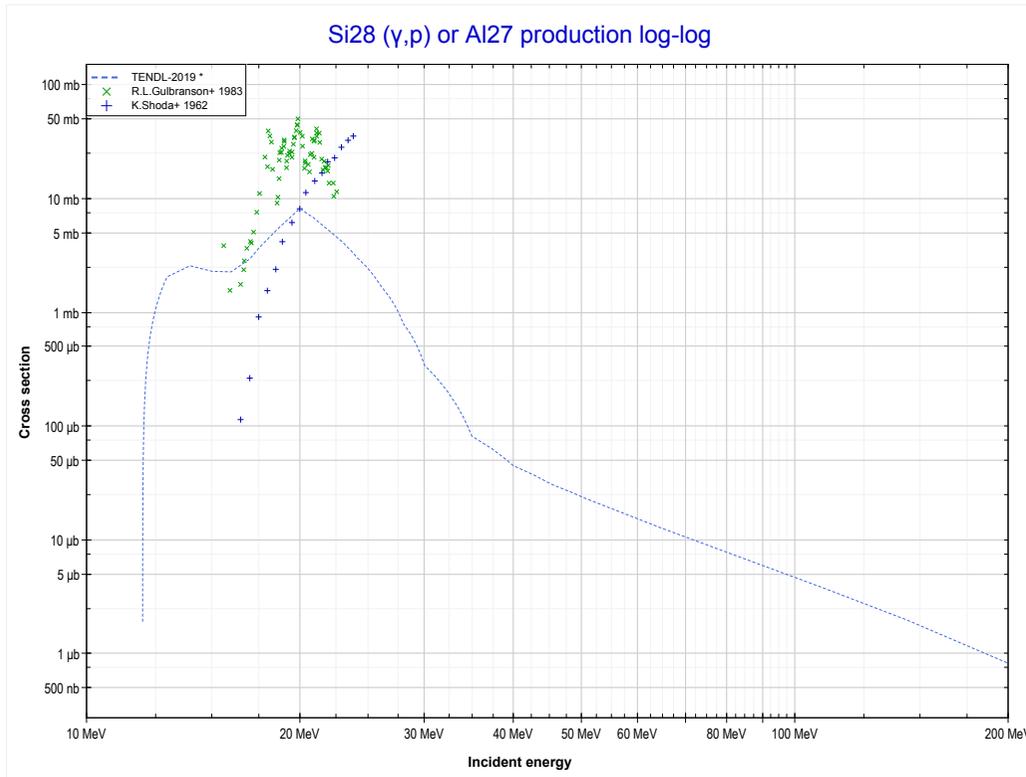
Reaction	Q-Value
Al27(γ,p)Mg26	-8271.29 keV

<< 13-Al-27	14-Si-28	14-Si-29 >>
<< 13-Al-27 MT103 (γ,p)	MT4 (γ,n) or MT5 (Si27 production)	MT103 (γ,p) >>



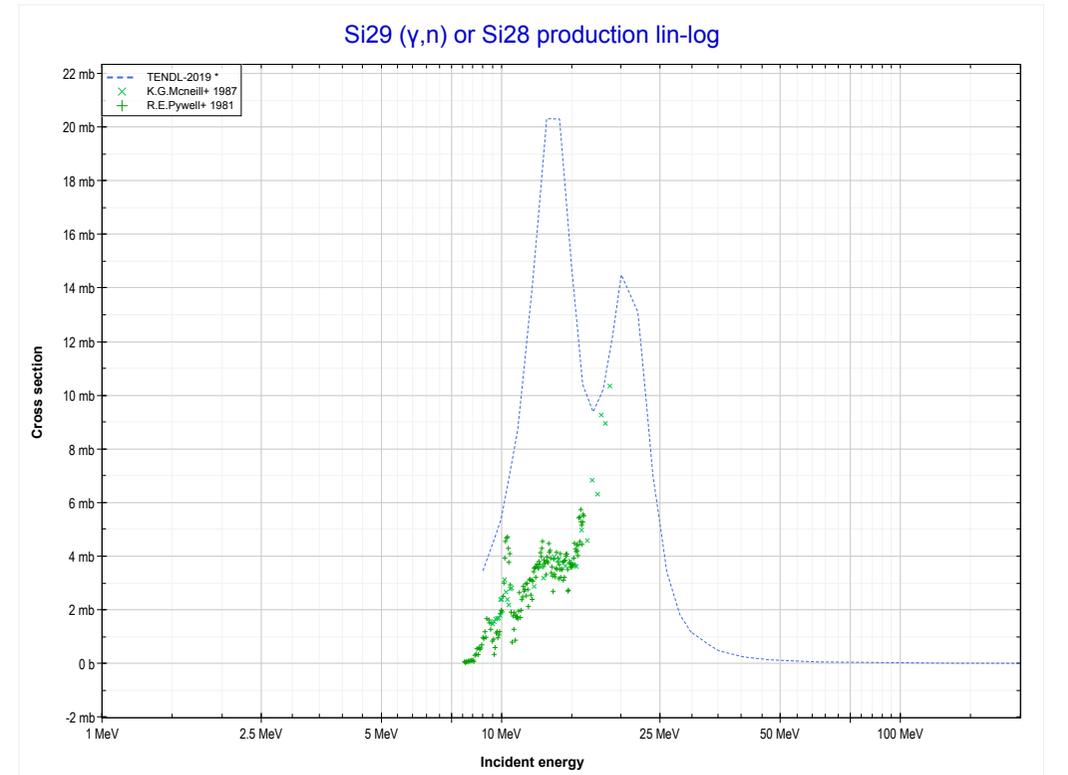
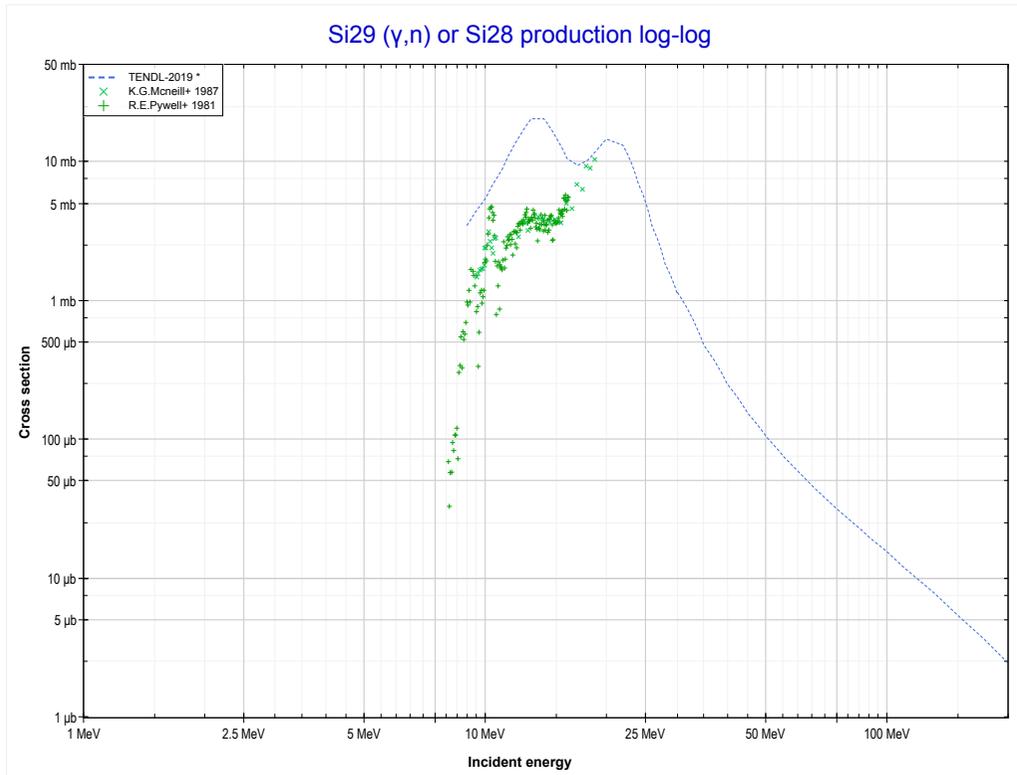
Reaction	Q-Value
Si28(γ,n)Si27	-17179.61 keV

<< 13-Al-27	14-Si-28	16-S-32 >>
<< MT4 (γ,n)	MT103 (γ,p) or MT5 (Al27 production)	14-Si-29 MT4 (γ,n) >>



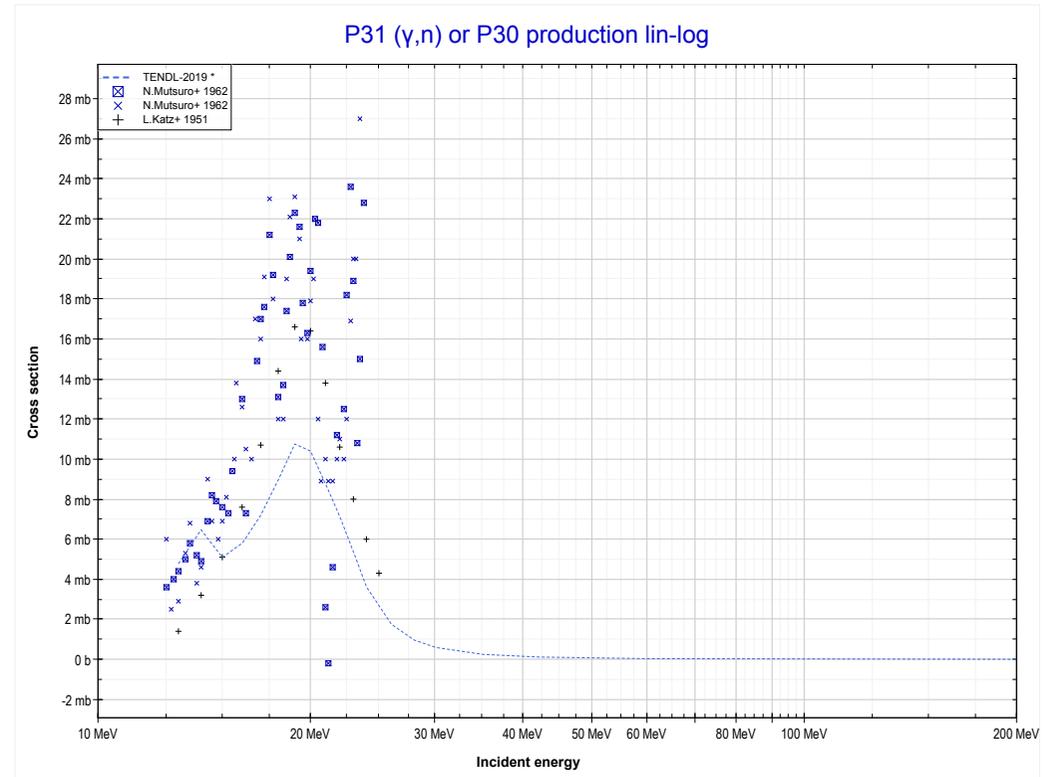
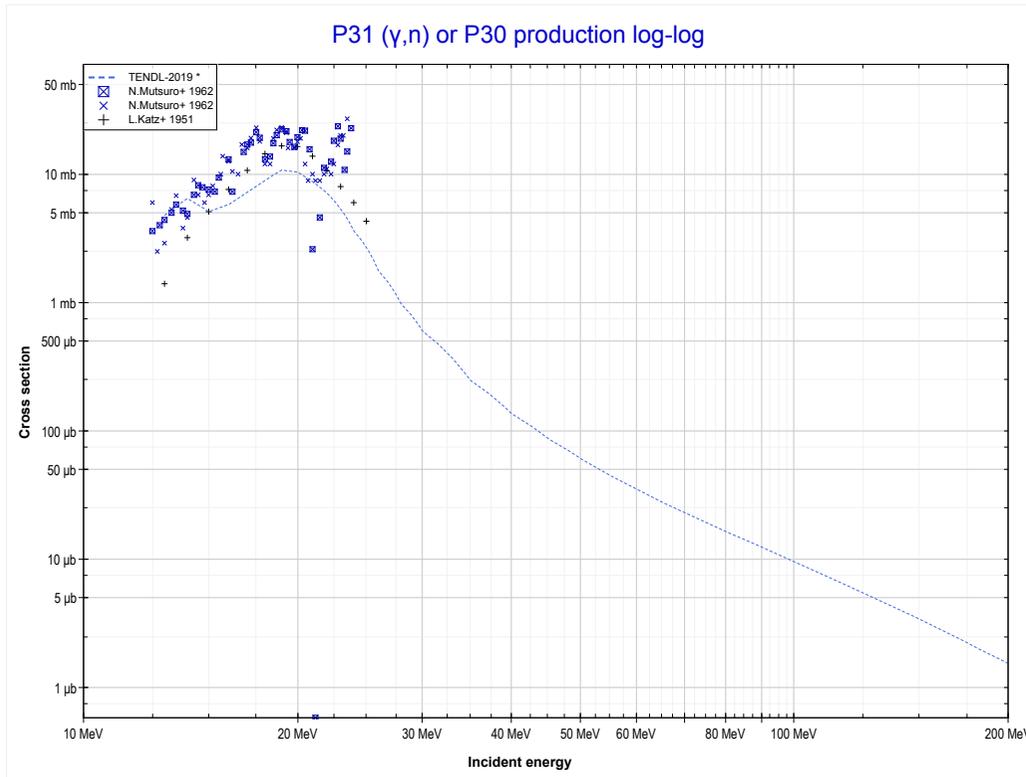
Reaction	Q-Value
Si28(γ,p)Al27	-11584.90 keV

<< 14-Si-28	14-Si-29	15-P-31 >>
<< 14-Si-28 MT103 (γ,p)	MT4 (γ,n) or MT5 (Si28 production)	15-P-31 MT4 (γ,n) >>



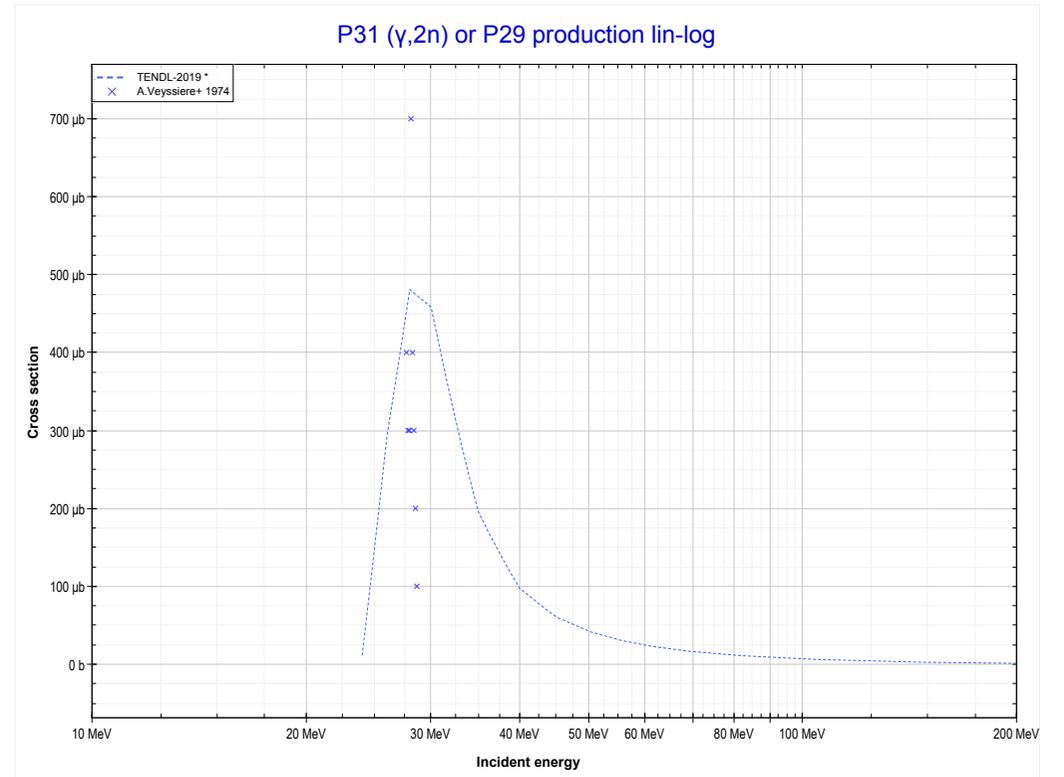
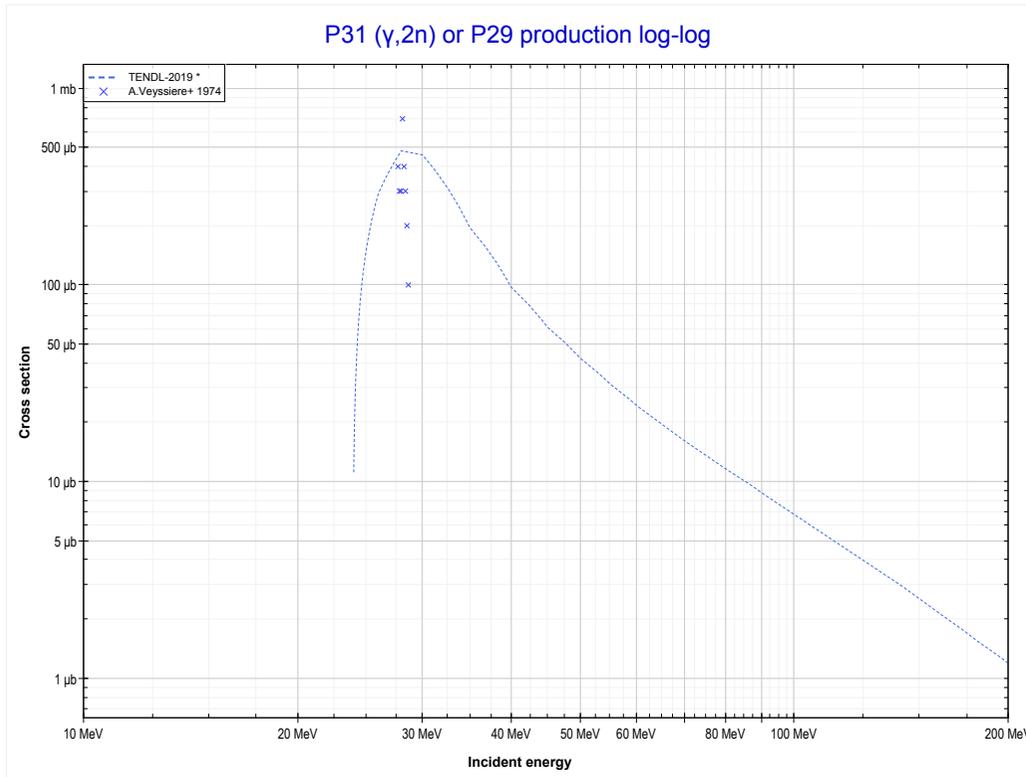
Reaction	Q-Value
Si29(γ,n)Si28	-8473.60 keV

<< 14-Si-29	15-P-31	16-S-32 >>
<< 14-Si-29 MT4 (γ,n)	MT4 (γ,n) or MT5 (P30 production)	MT16 (γ,2n) >>



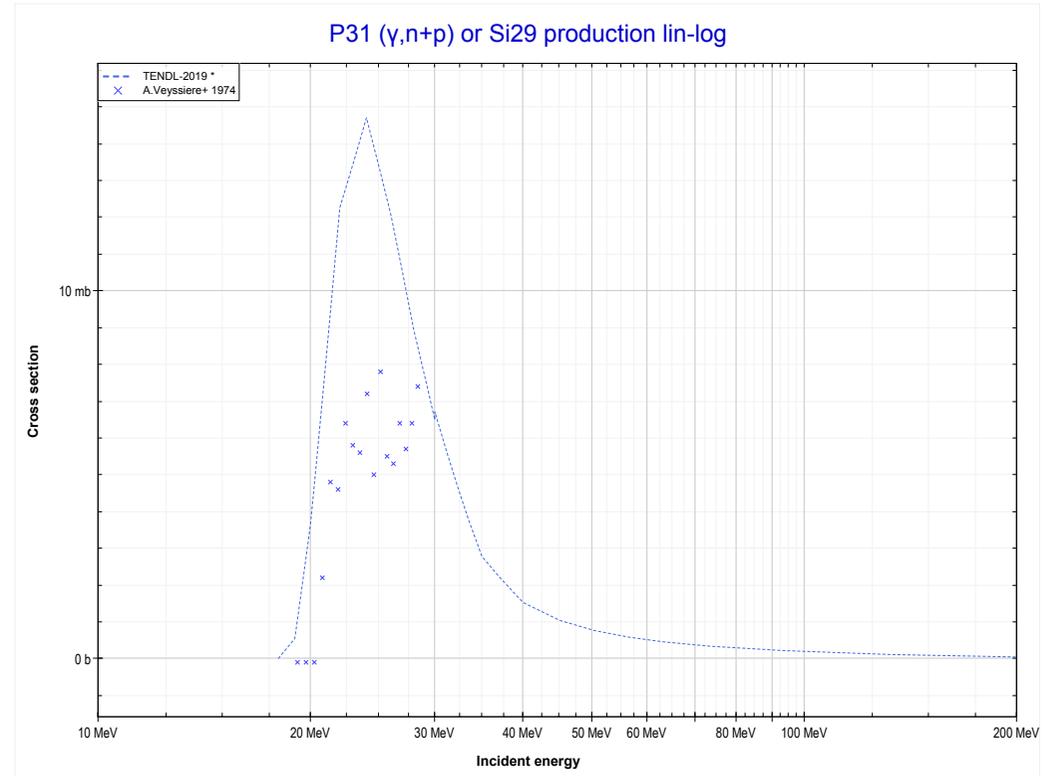
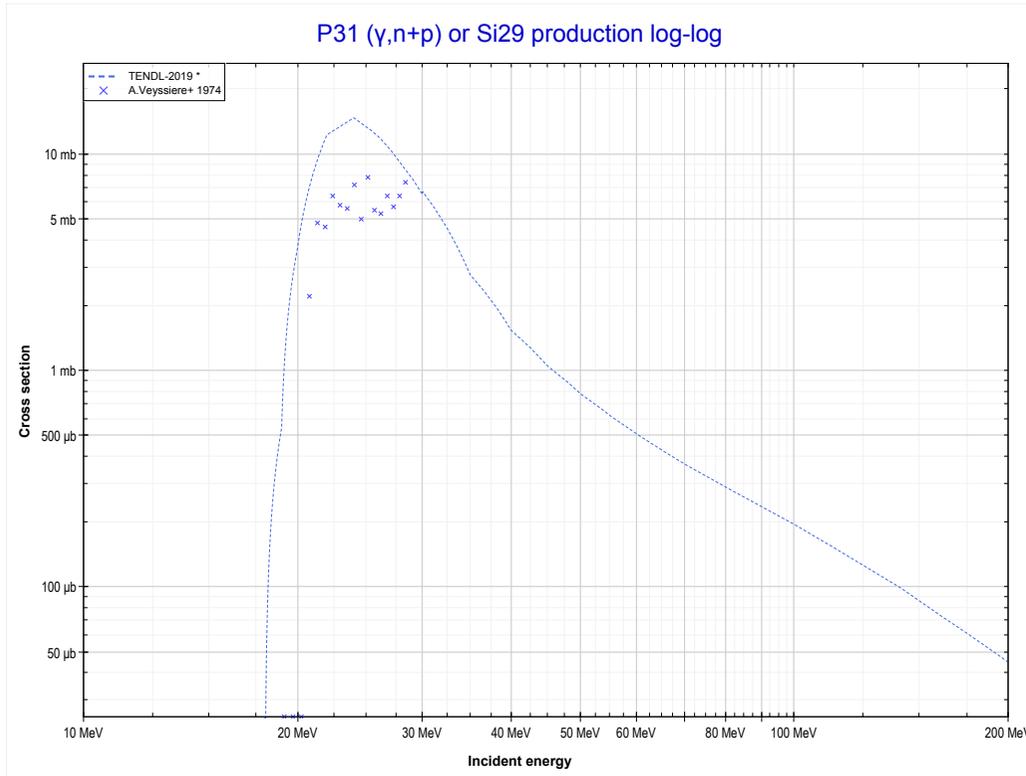
Reaction	Q-Value
P31(γ,n)P30	-12311.01 keV

<< 12-Mg-26	15-P-31	16-S-32 >>
<< MT4 (γ, n)	MT16 ($\gamma, 2n$) or MT5 (P29 production)	MT28 ($\gamma, n+p$) >>



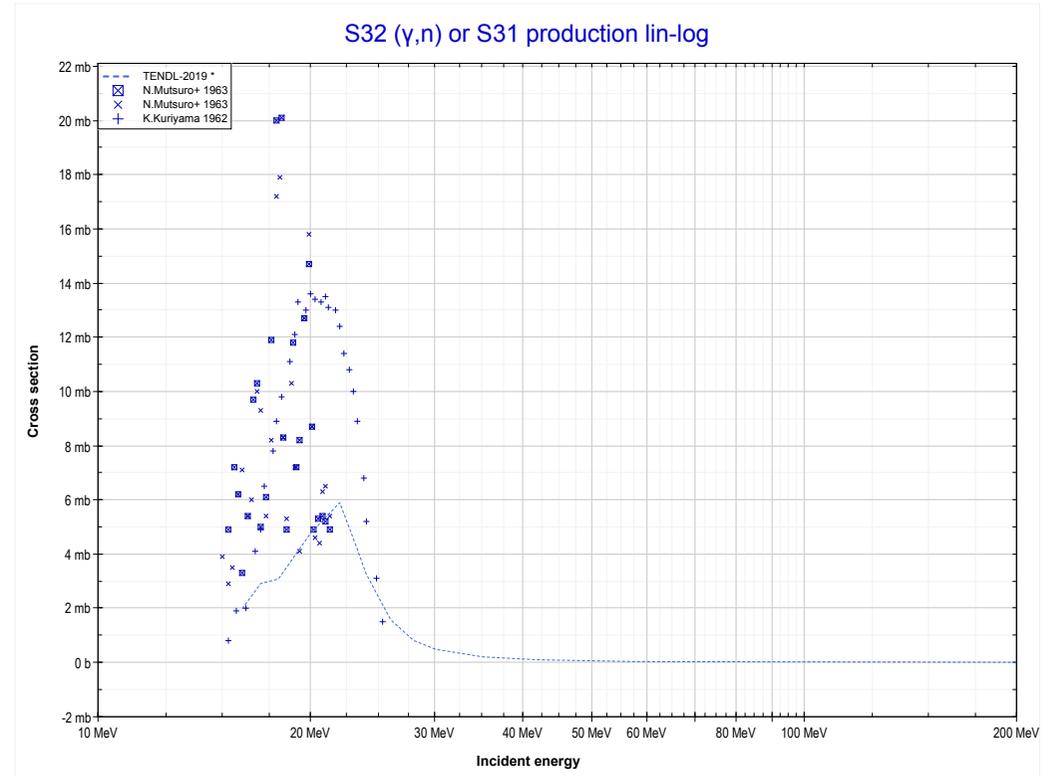
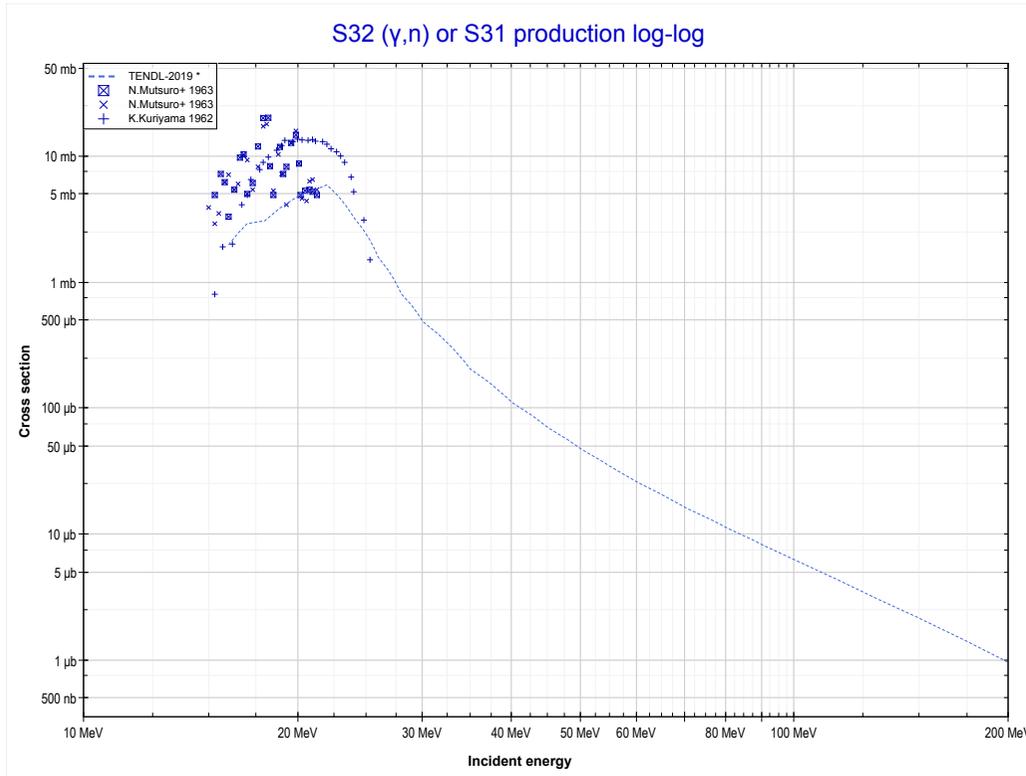
Reaction	Q-Value
P31($\gamma, 2n$)P29	-23630.38 keV

<< 10-Ne-20	15-P-31	16-S-32 >>
<< MT16 ($\gamma,2n$)	MT28 ($\gamma,n+p$) or MT5 (Si29 production)	16-S-32 MT4 (γ,n) >>



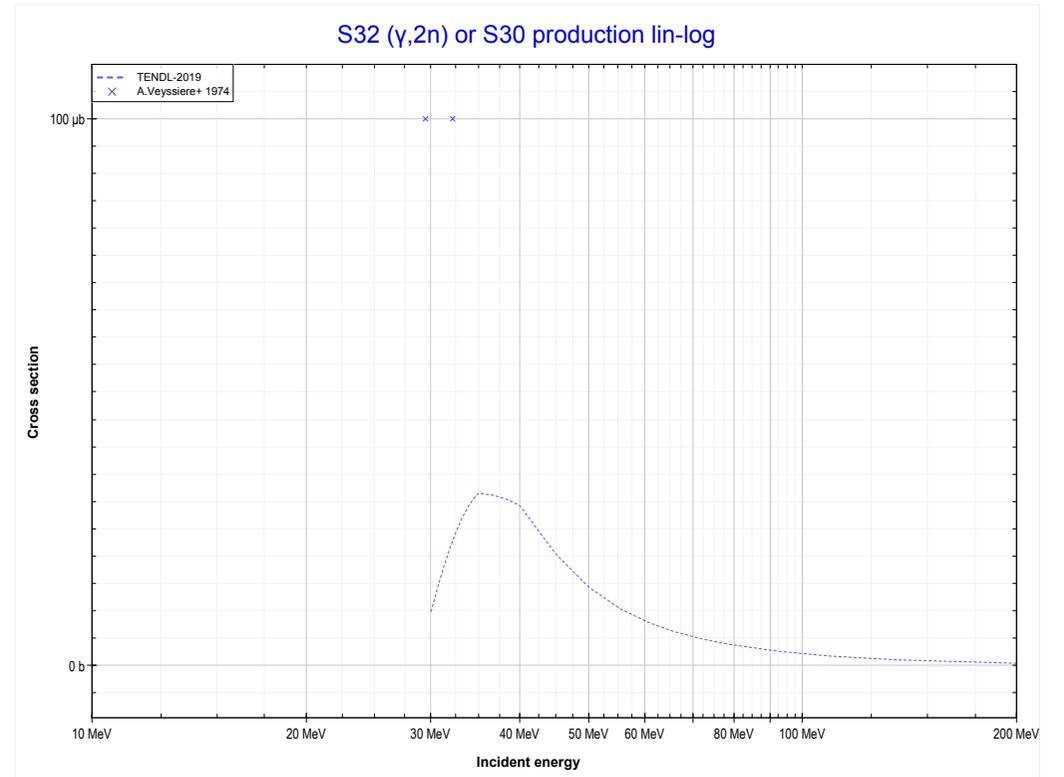
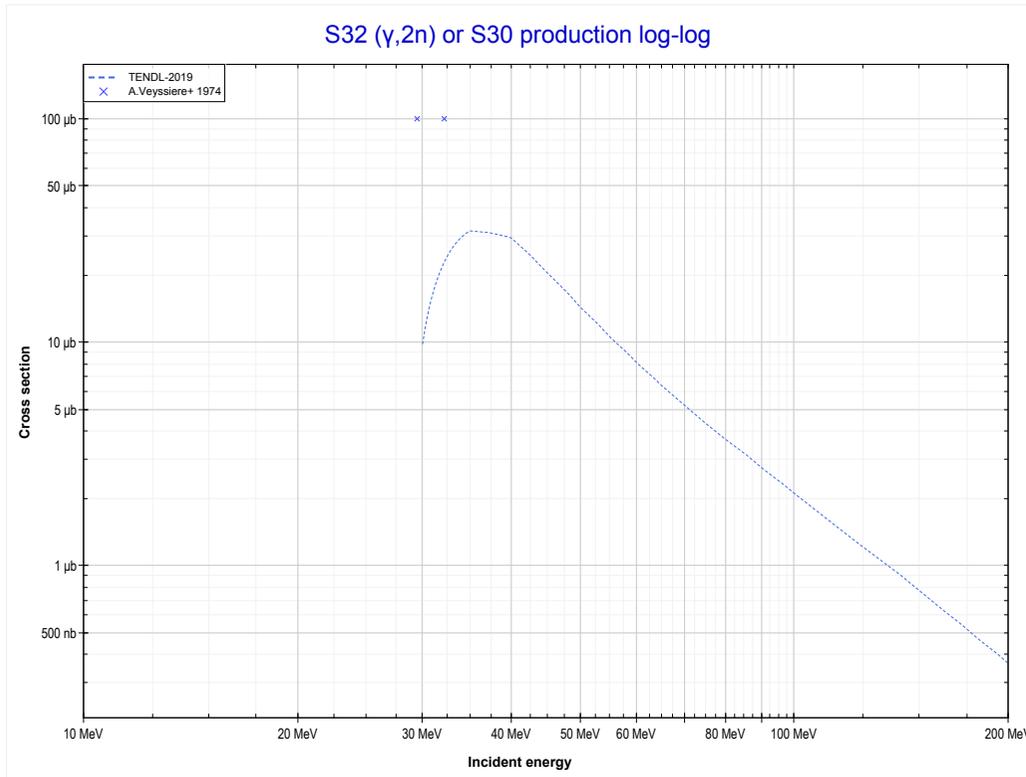
Reaction	Q-Value
P31(γ,d)Si29	-15681.18 keV
P31($\gamma,n+p$)Si29	-17905.75 keV

<< 15-P-31	16-S-32	17-CI-35 >>
<< 15-P-31 MT28 ($\gamma, n+p$)	MT4 (γ, n) or MT5 (S31 production)	MT16 ($\gamma, 2n$) >>



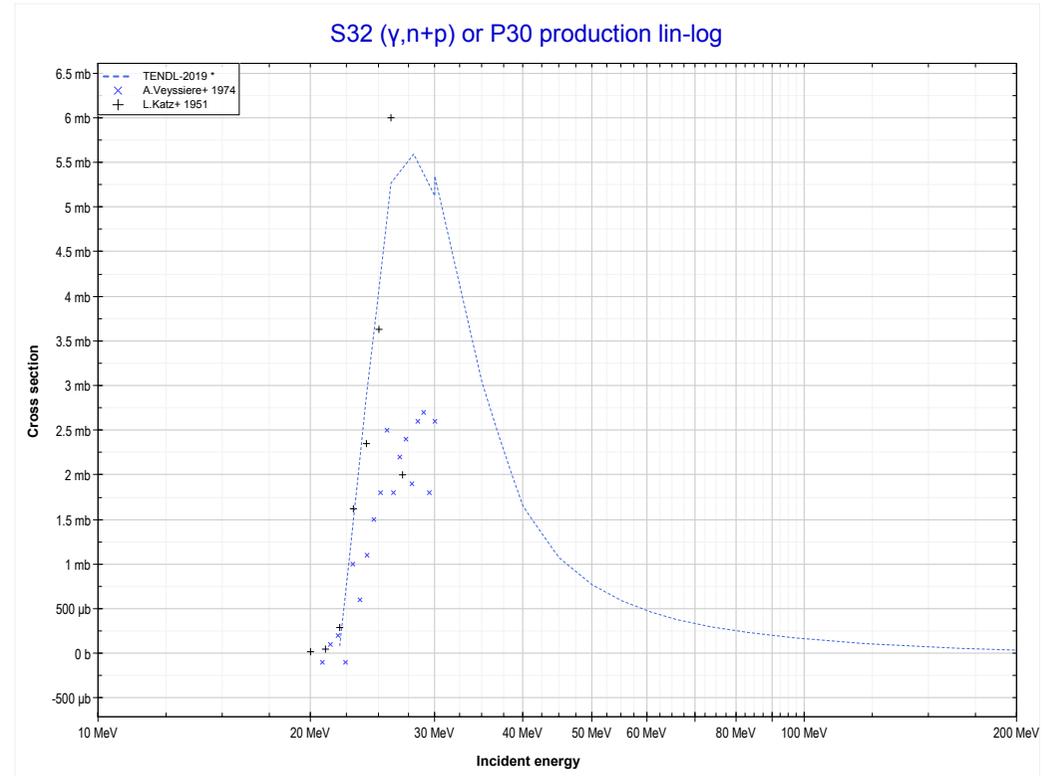
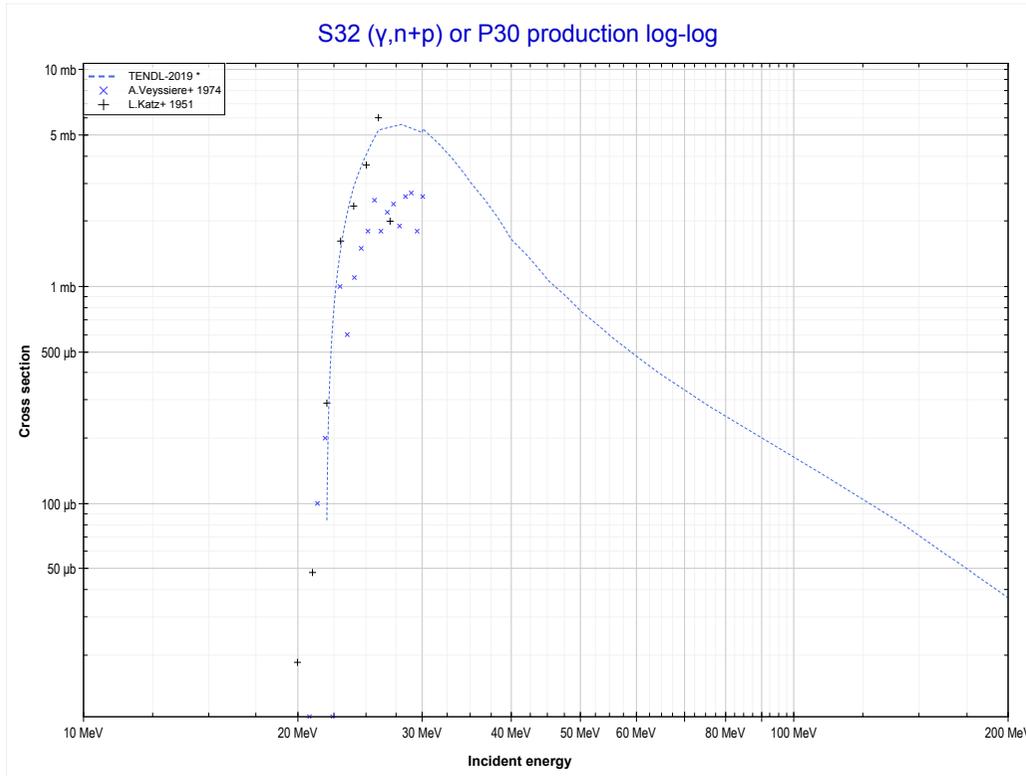
Reaction	Q-Value
S32(γ, n)S31	-15044.33 keV

<< 15-P-31	16-S-32	16-S-34 >>
<< MT4 (γ, n)	MT16 ($\gamma, 2n$) or MT5 (S30 production)	MT28 ($\gamma, n+p$) >>



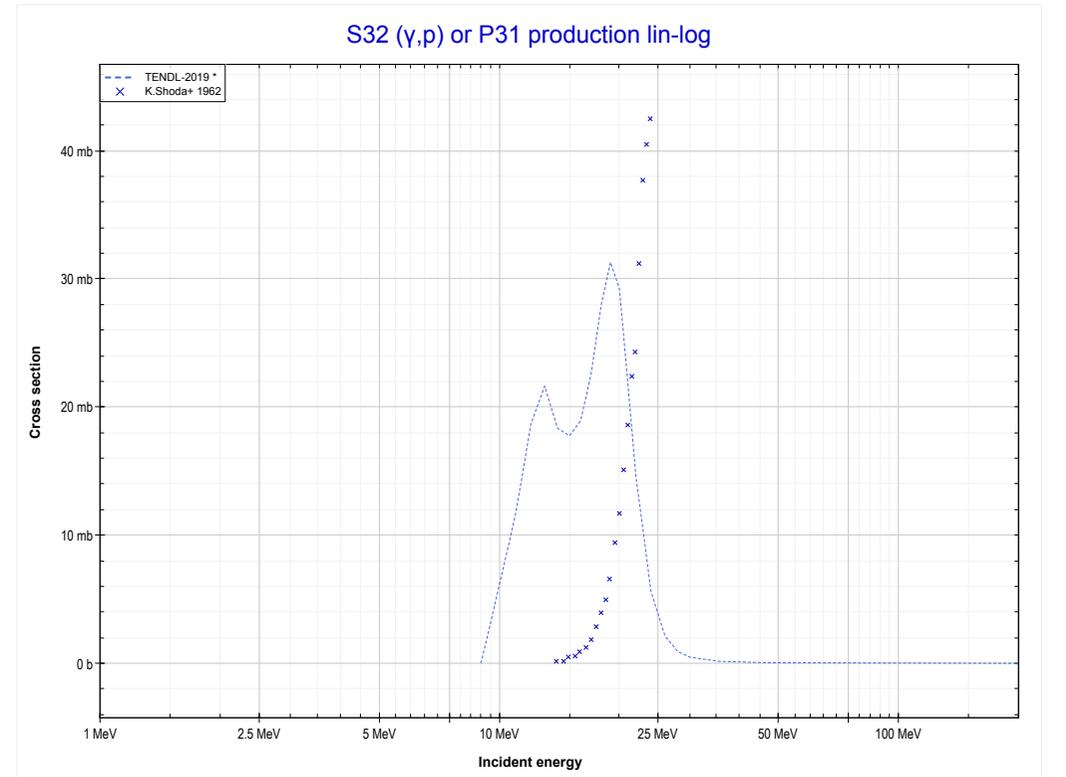
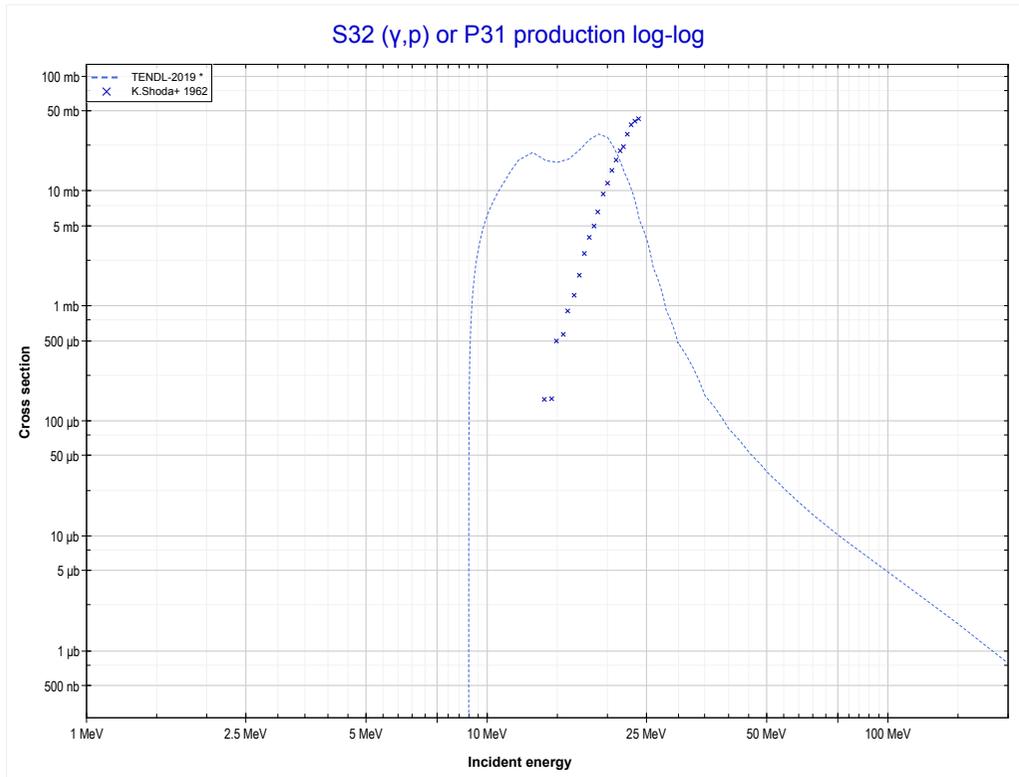
Reaction	Q-Value
S32($\gamma, 2n$)S30	-28098.92 keV

<< 15-P-31	16-S-32	16-S-34 >>
<< MT16 ($\gamma,2n$)	MT28 ($\gamma,n+p$) or MT5 (P30 production)	MT103 (γ,p) >>



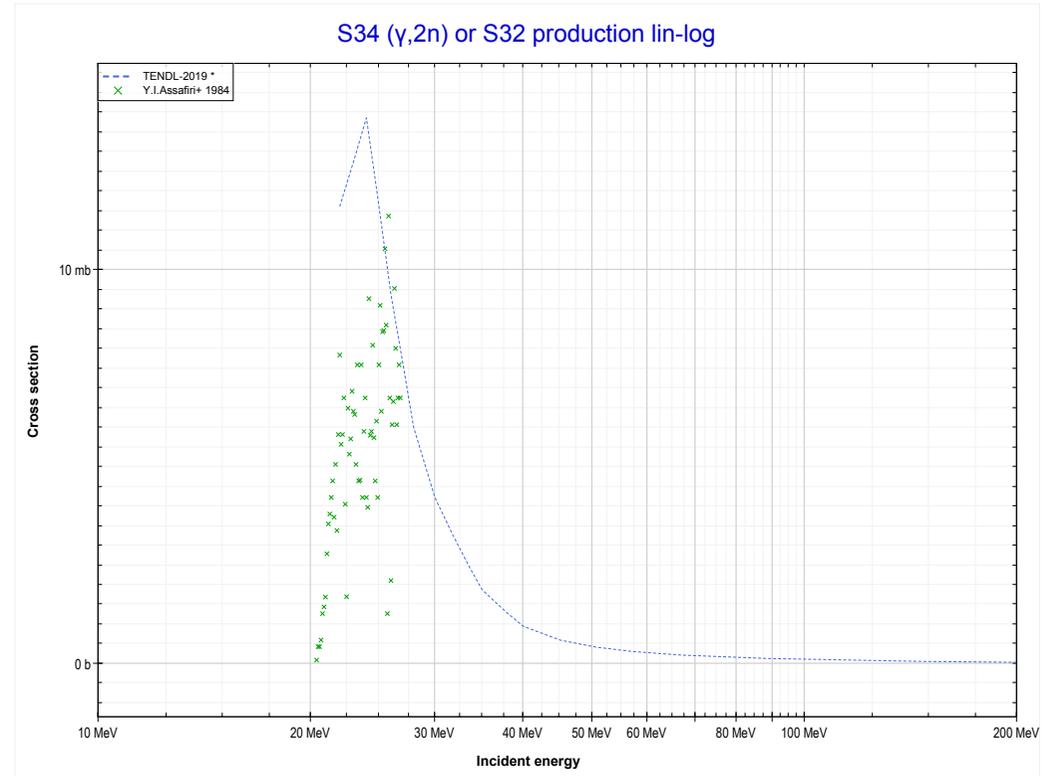
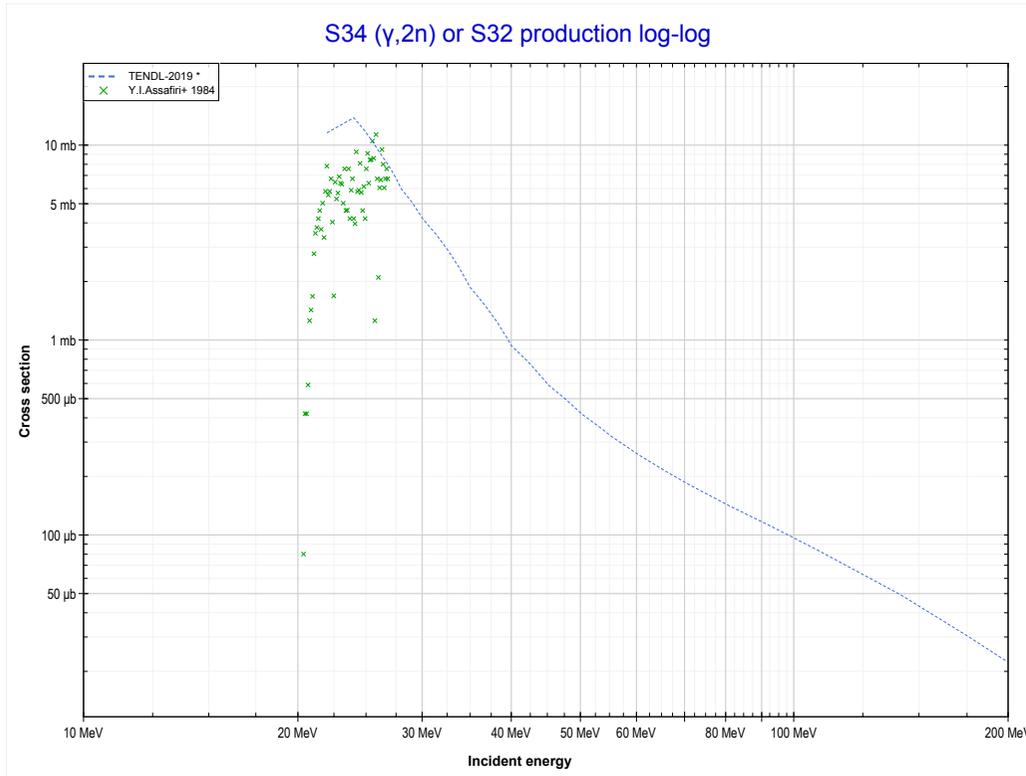
Reaction	Q-Value
S32(γ,d)P30	-18950.41 keV
S32($\gamma,n+p$)P30	-21174.97 keV

<< 14-Si-28	16-S-32	16-S-34 >>
<< MT28 ($\gamma, n+p$)	MT103 (γ, p) or MT5 (P31 production)	16-S-34 MT16 ($\gamma, 2n$) >>



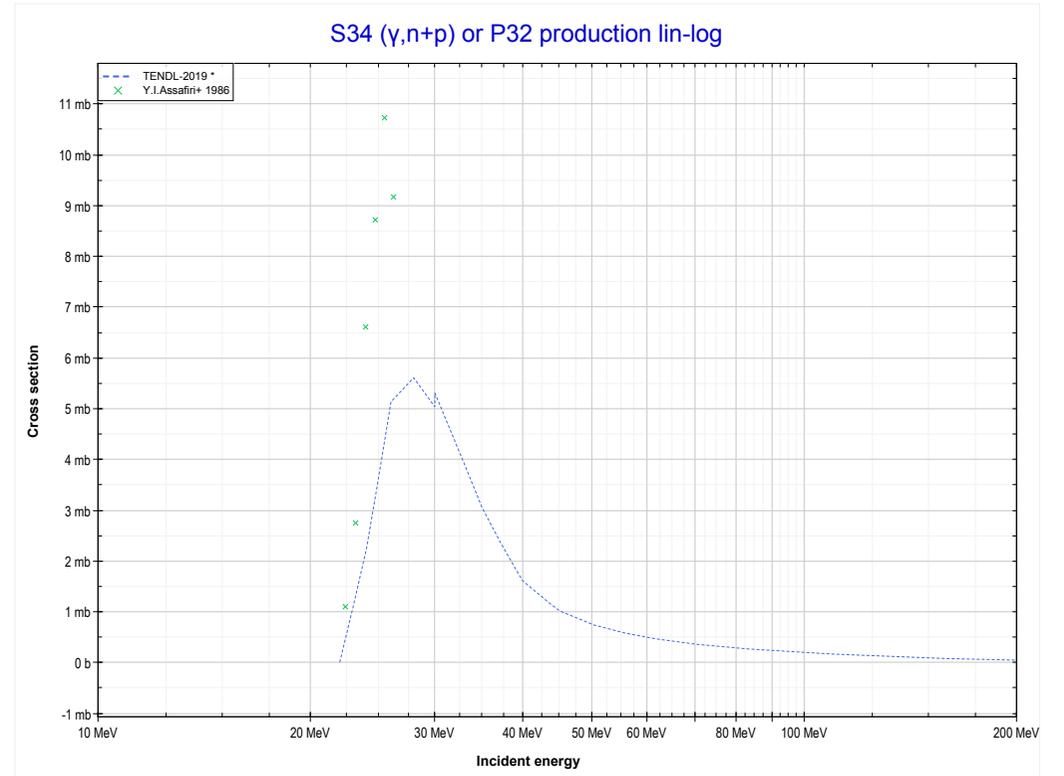
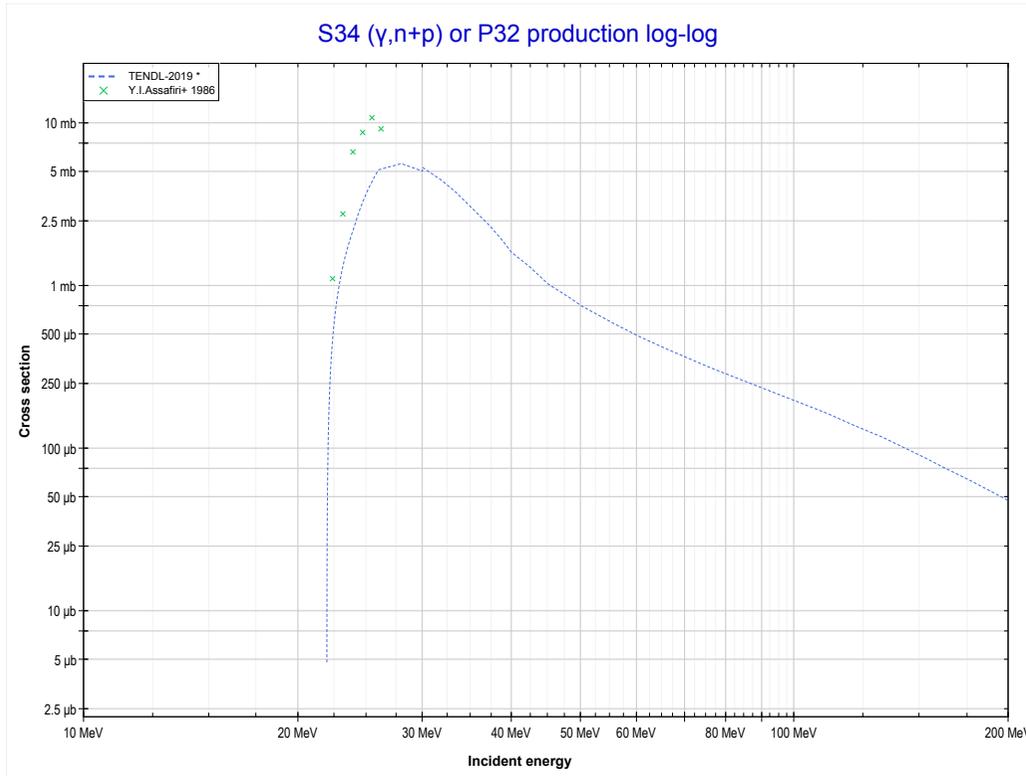
Reaction	Q-Value
S32(γ, p)P31	-8863.96 keV

<< 16-S-32	16-S-34	20-Ca-48 >>
<< 16-S-32 MT103 (γ,p)	MT16 (γ,2n) or MT5 (S32 production)	MT28 (γ,n+p) >>



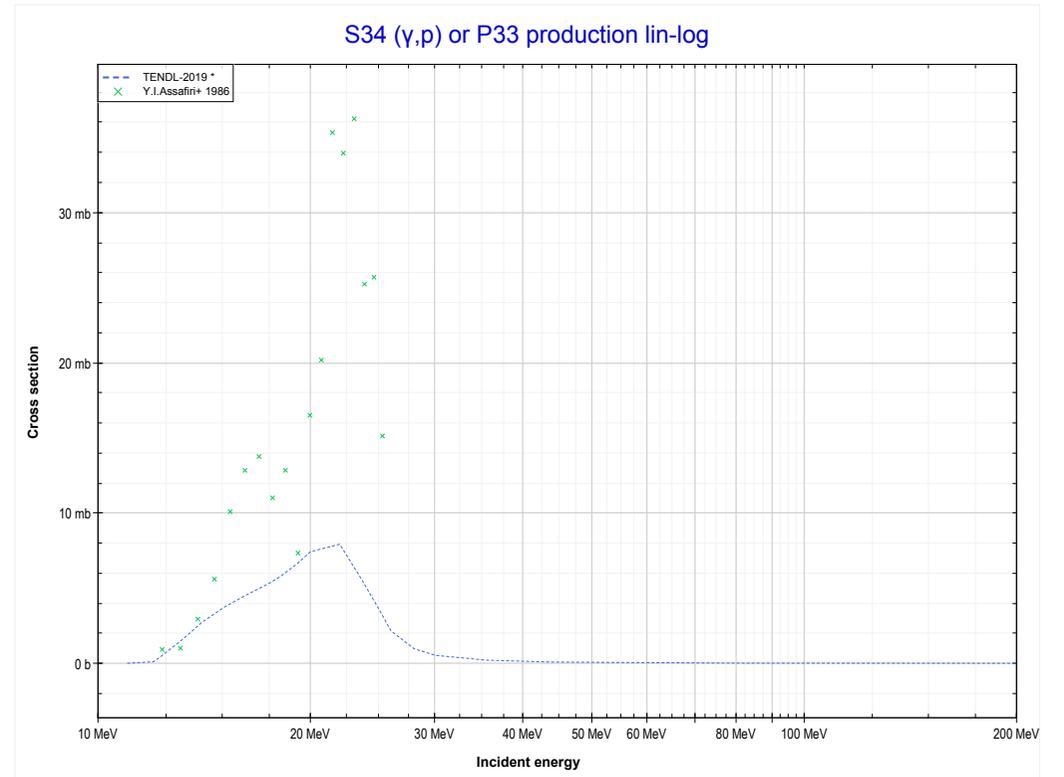
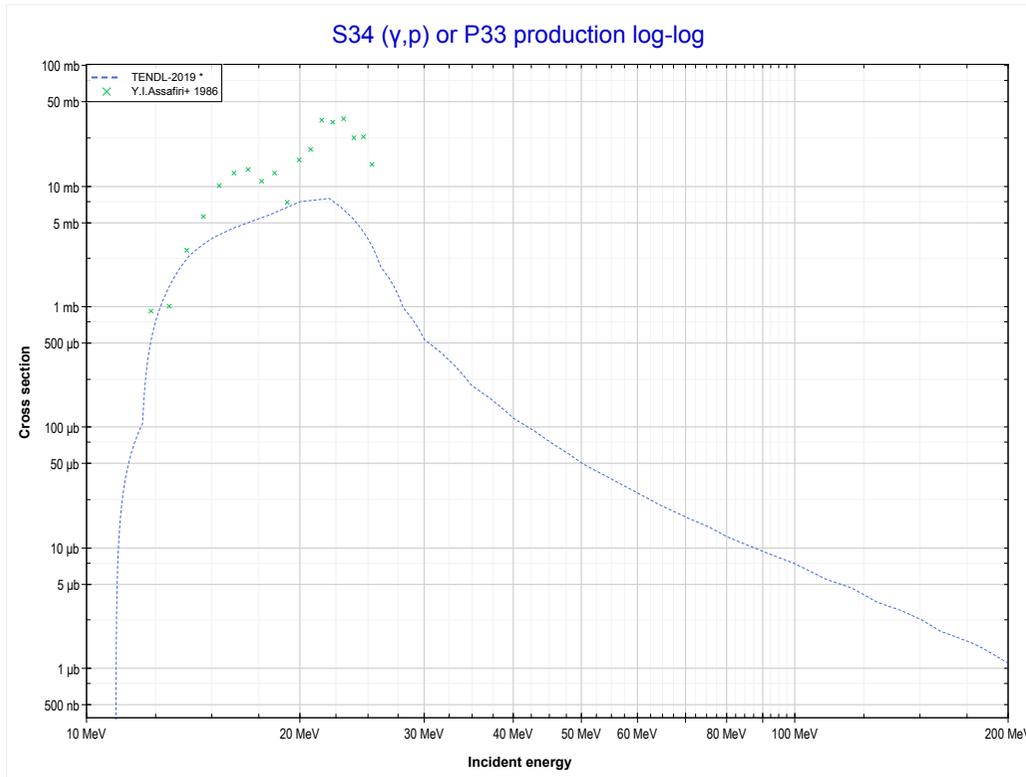
Reaction	Q-Value
S34(γ,2n)S32	-20058.79 keV

<< 16-S-32	16-S-34	22-Ti-46 >>
<< MT16 ($\gamma,2n$)	MT28 ($\gamma,n+p$) or MT5 (P32 production)	MT103 (γ,p) >>



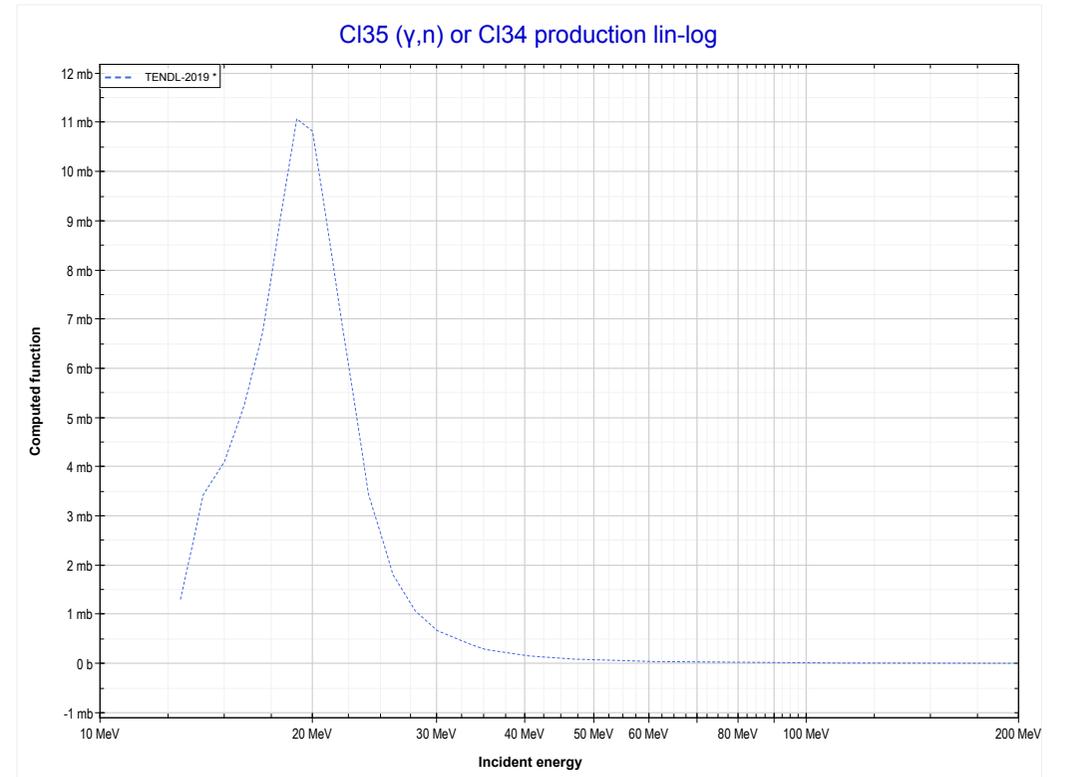
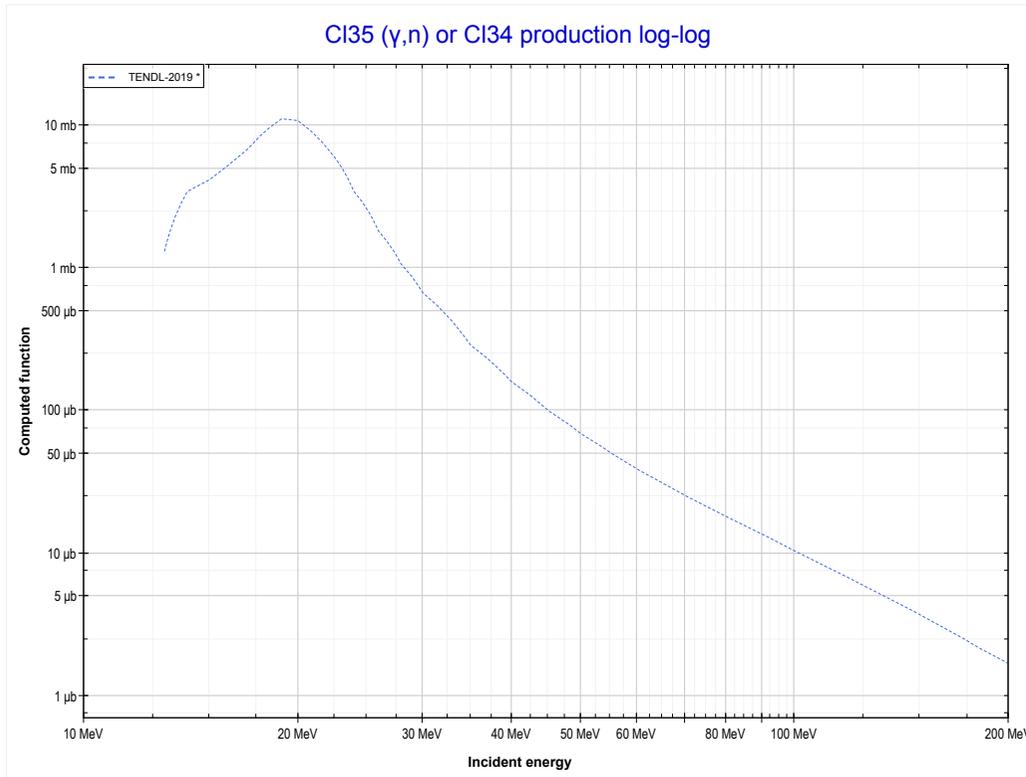
Reaction	Q-Value
S34(γ,d)P32	-18762.54 keV
S34($\gamma,n+p$)P32	-20987.11 keV

<< 16-S-32	16-S-34	22-Ti-50 >>
<< MT28 ($\gamma, n+p$)	MT103 (γ, p) or MT5 (P33 production)	17-Cl-35 MT4 (γ, n) >>



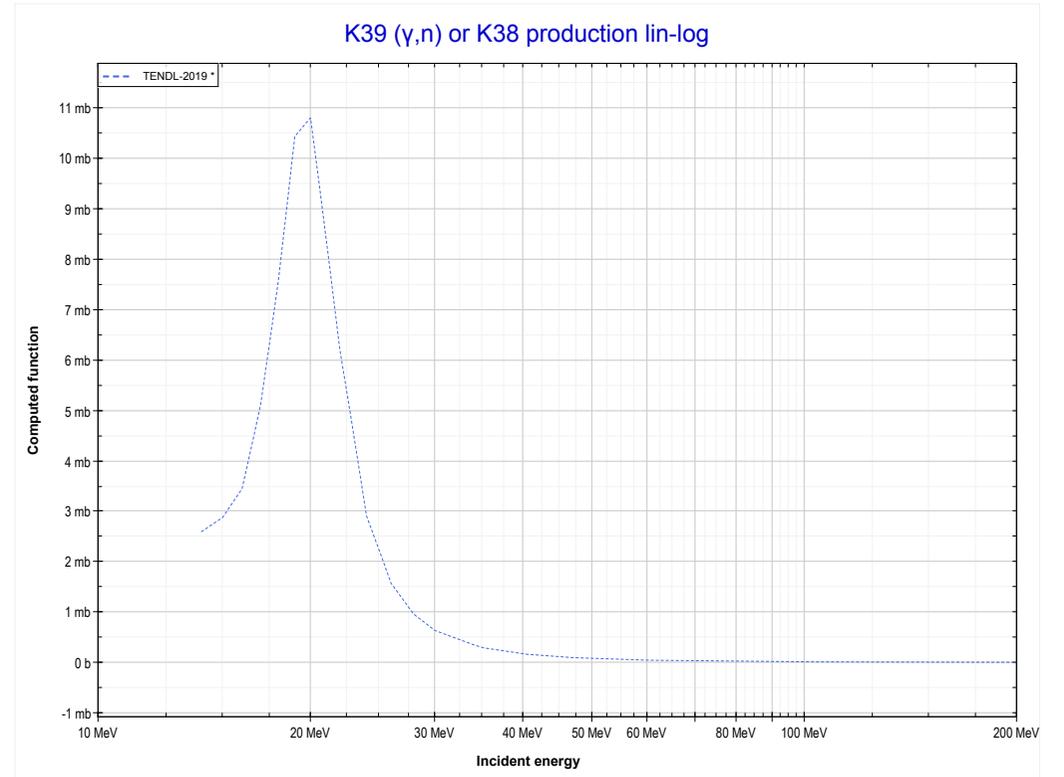
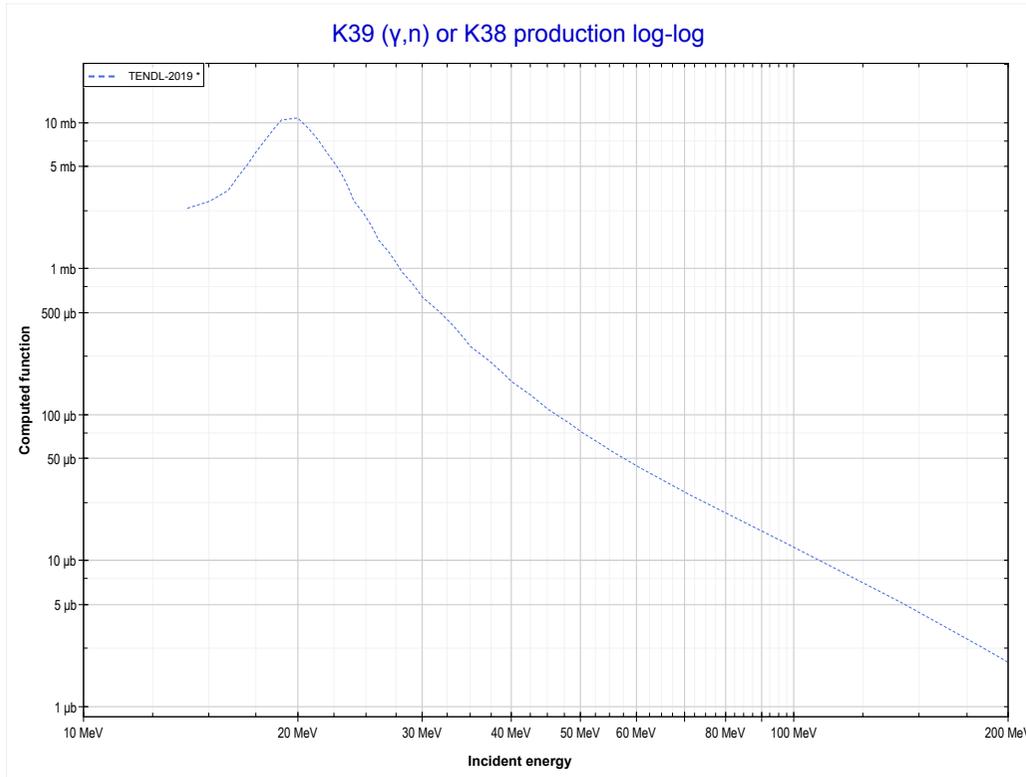
Reaction	Q-Value
S34(γ, p)P33	-10883.36 keV

<< 16-S-32	17-Cl-35	19-K-39 >>
<< 16-S-34 MT103 (γ,p)	MT4 (γ,n) or MT5 (Cl34 production)	19-K-39 MT4 (γ,n) >>



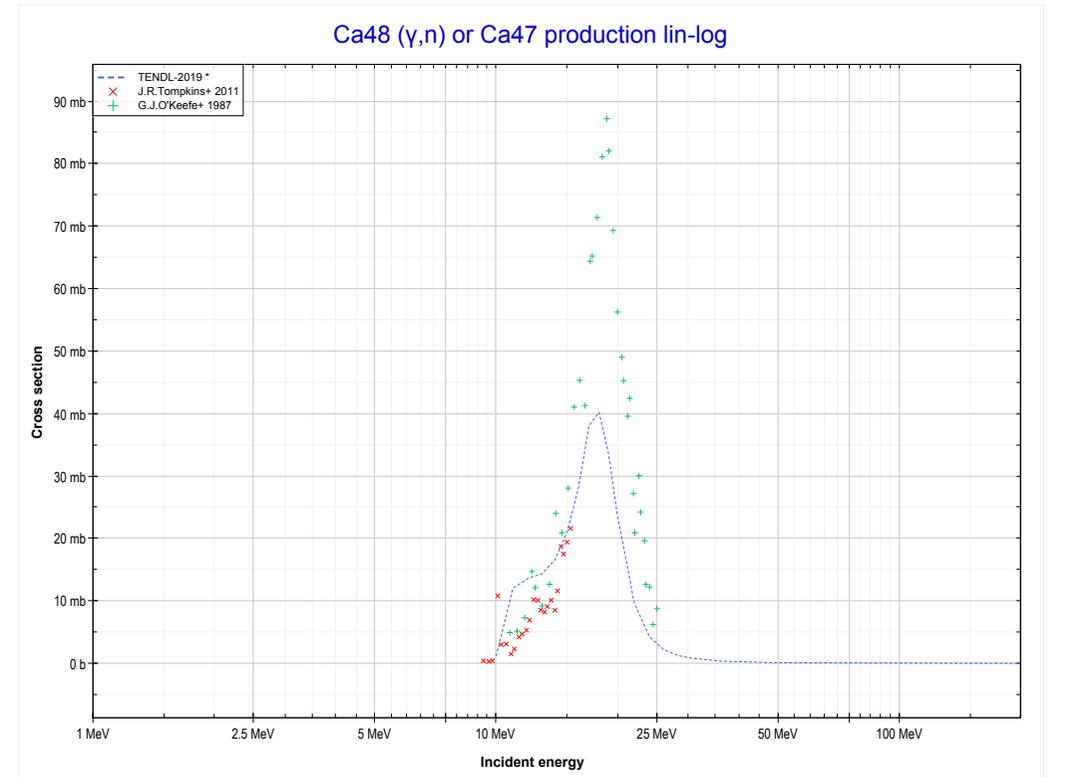
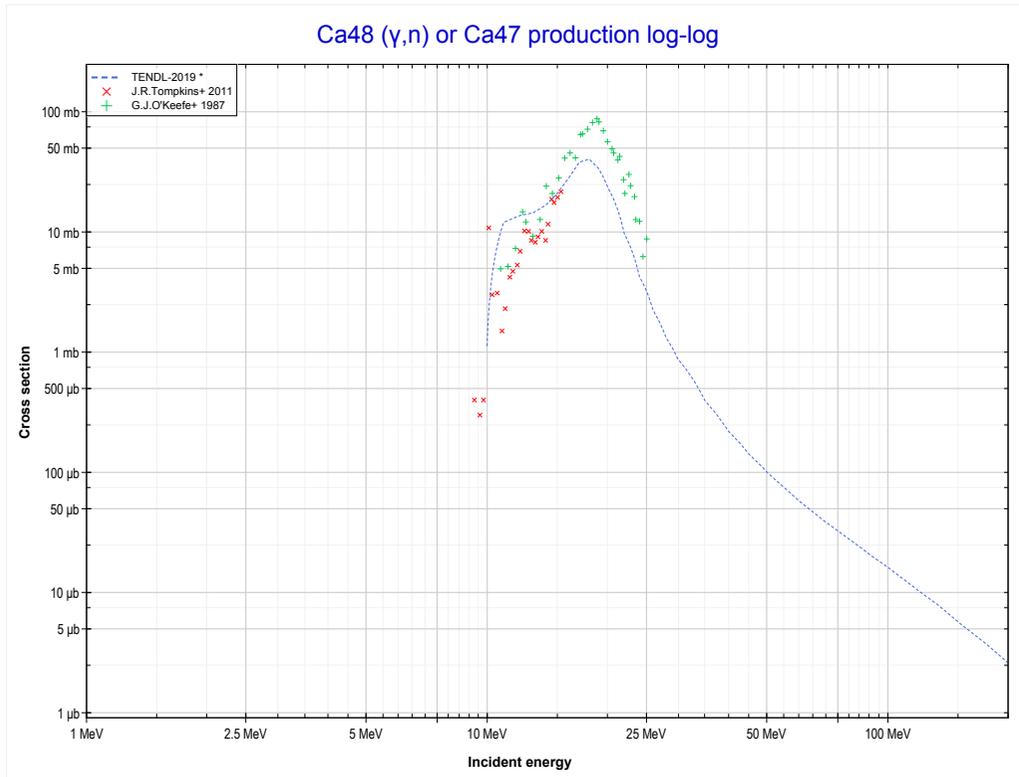
Reaction	Q-Value
Cl35(γ,n)Cl34	-12644.77 keV

<< 17-CI-35	19-K-39	20-Ca-48 >>
<< 17-CI-35 MT4 (γ,n)	MT4 (γ,n) or MT5 (K38 production)	20-Ca-48 MT4 (γ,n) >>



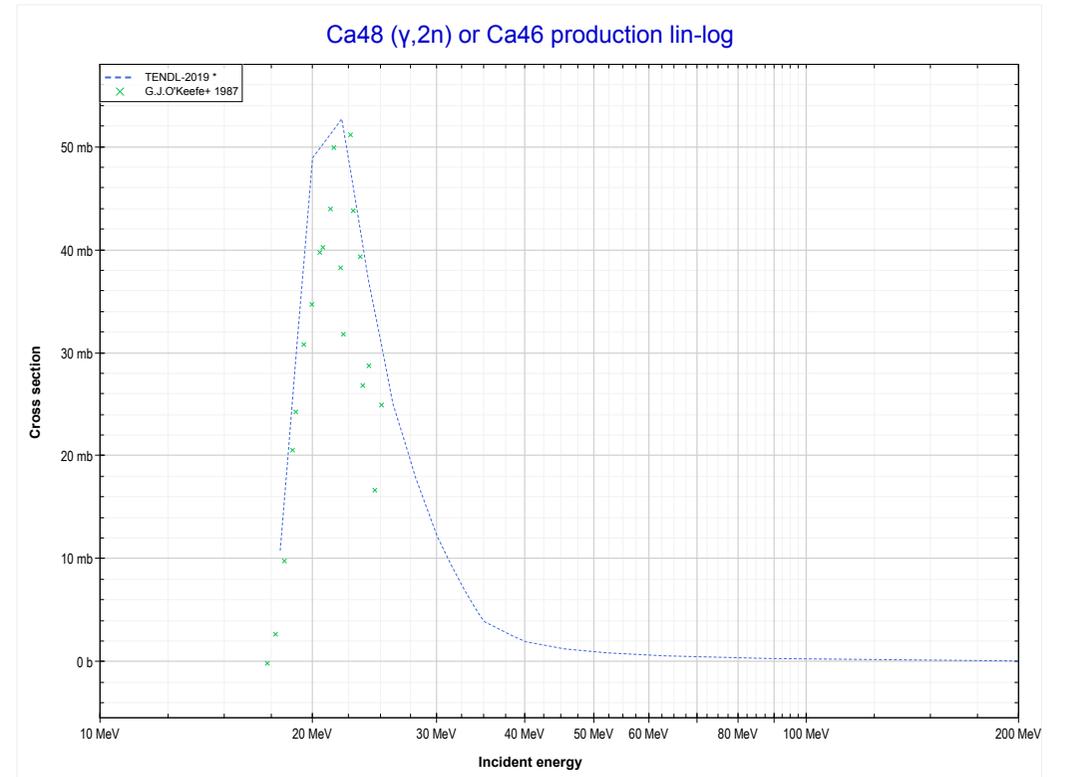
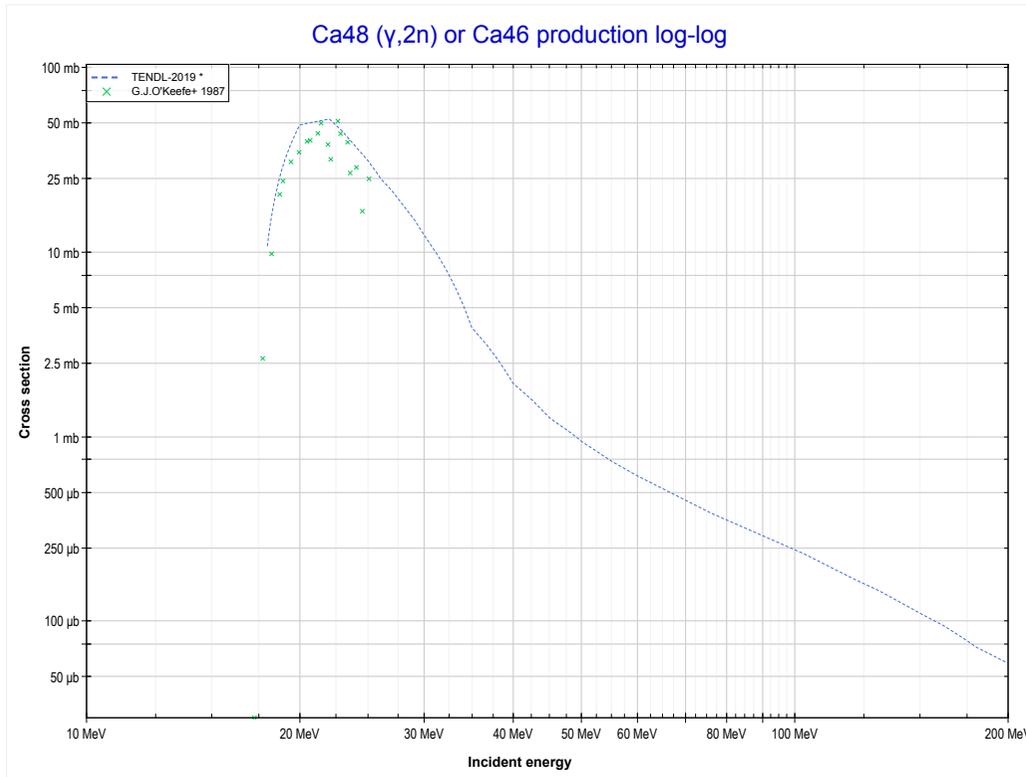
Reaction	Q-Value
K39(γ,n)K38	-13077.76 keV

<< 19-K-39	20-Ca-48	21-Sc-45 >>
<< 19-K-39 MT4 (γ,n)	MT4 (γ,n) or MT5 (Ca47 production)	MT16 (γ,2n) >>



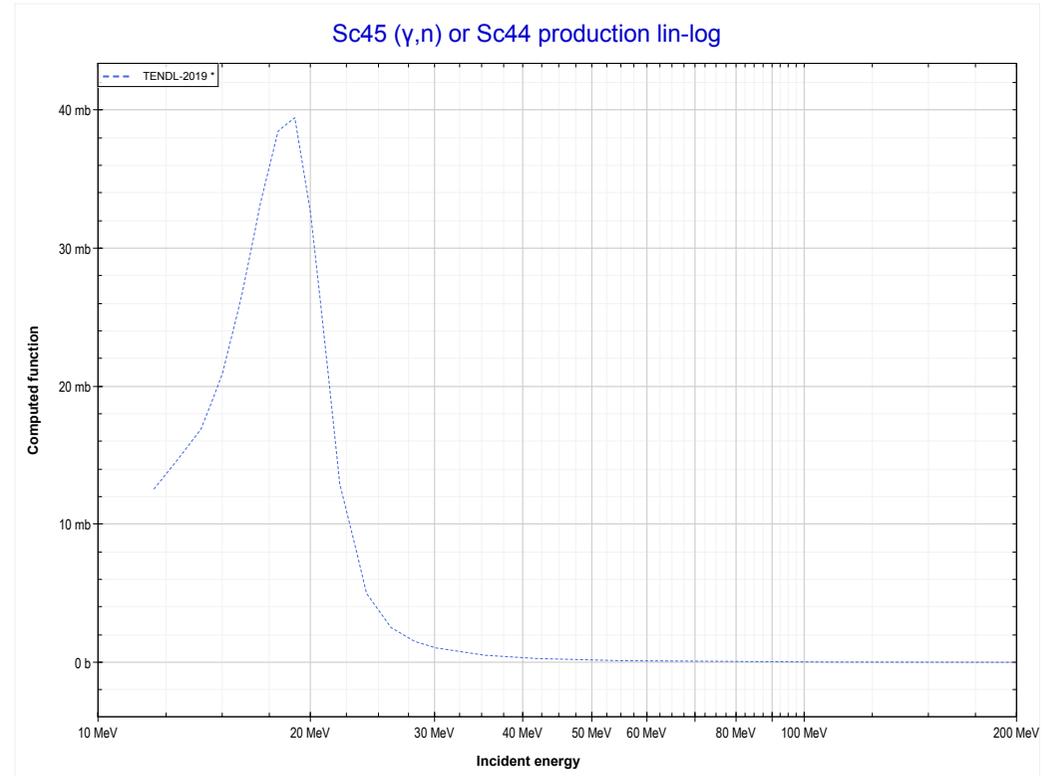
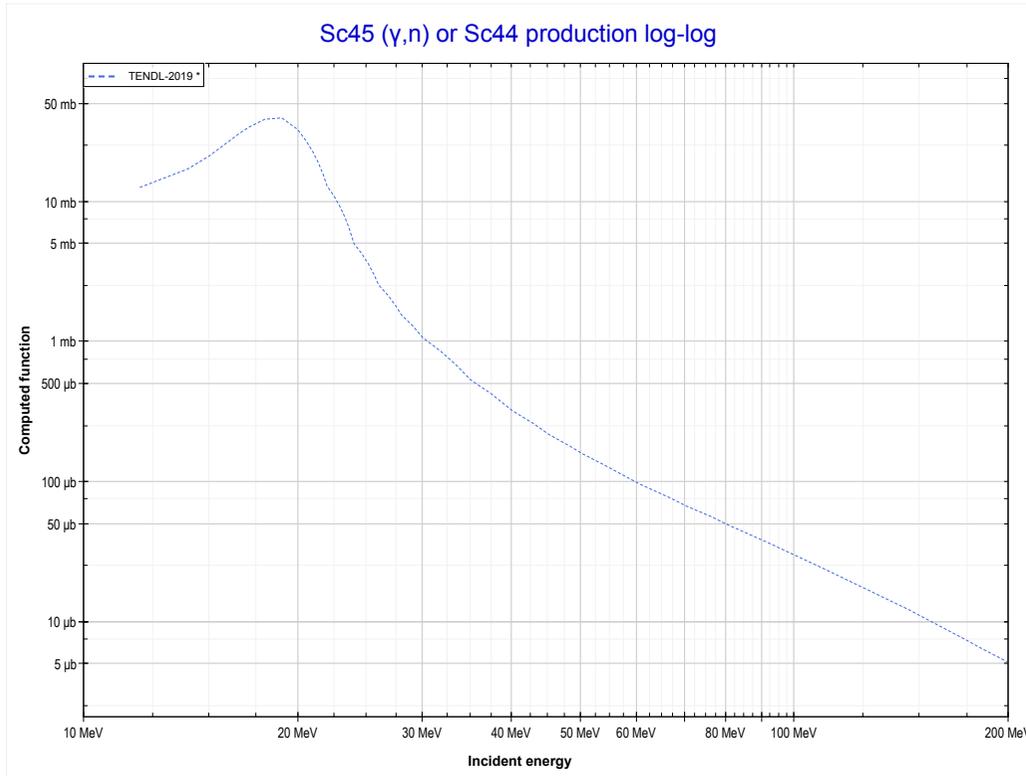
Reaction	Q-Value
Ca48(γ,n)Ca47	-9951.55 keV

<< 16-S-34	20-Ca-48	23-V-51 >>
<< MT4 (γ, n)	MT16 ($\gamma, 2n$) or MT5 (Ca46 production)	21-Sc-45 MT4 (γ, n) >>



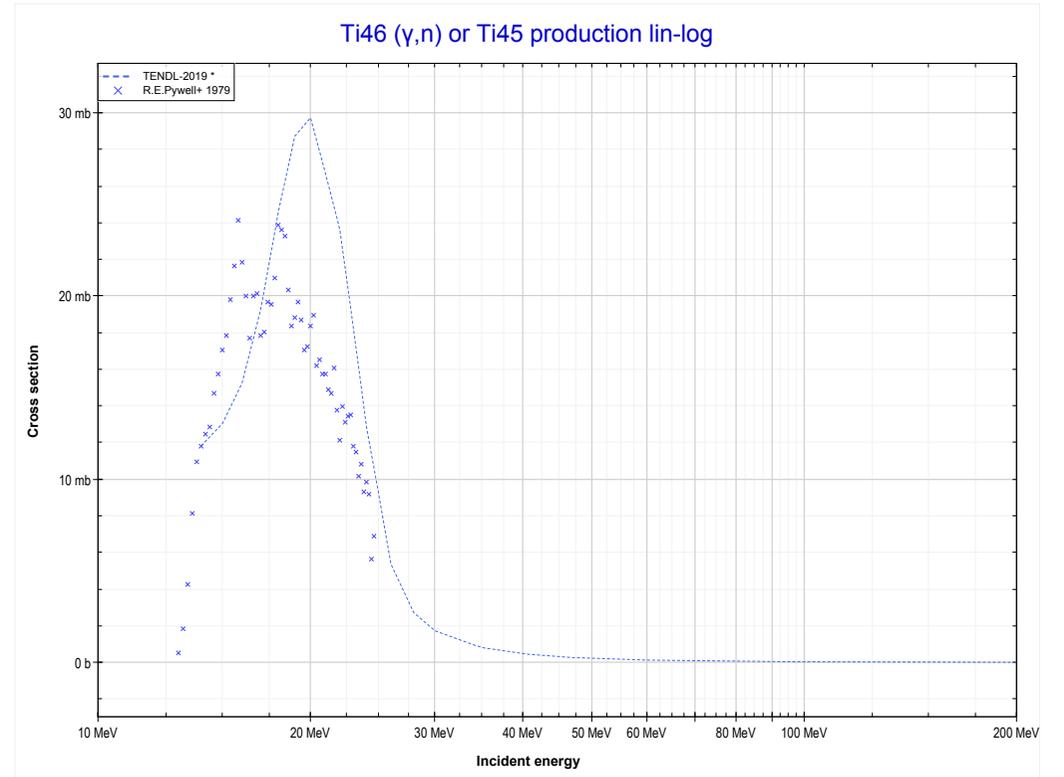
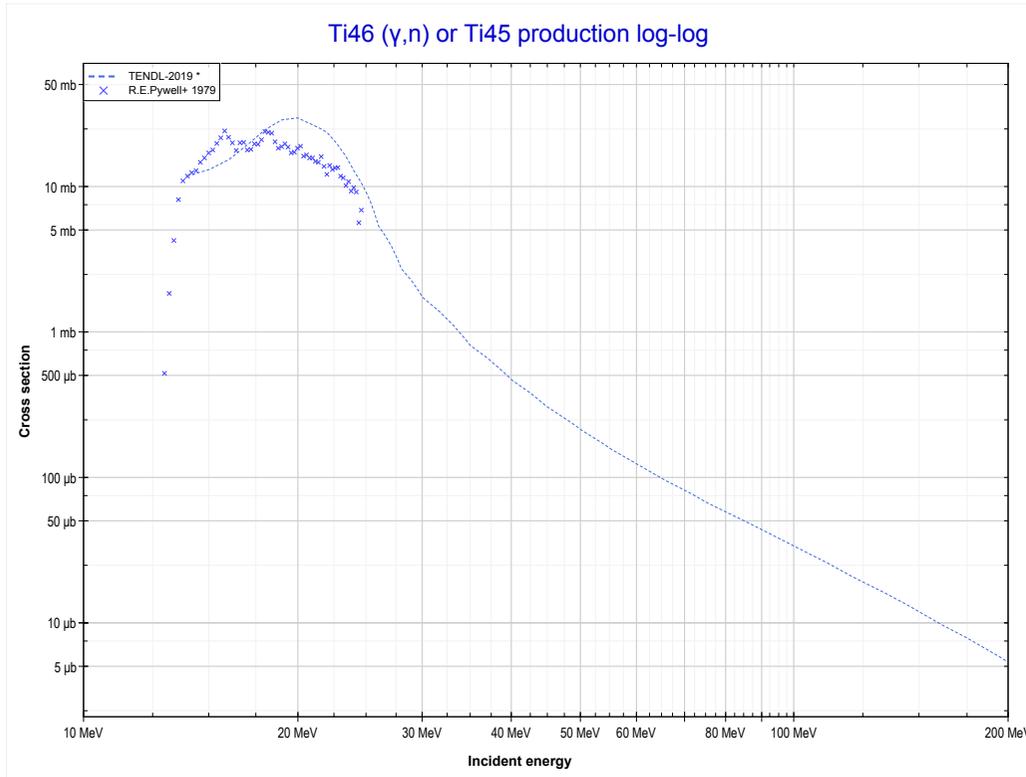
Reaction	Q-Value
Ca48($\gamma, 2n$)Ca46	-17227.86 keV

<< 20-Ca-48	21-Sc-45	22-Ti-46 >>
<< 20-Ca-48 MT16 (γ,2n)	MT4 (γ,n) or MT5 (Sc44 production)	22-Ti-46 MT4 (γ,n) >>



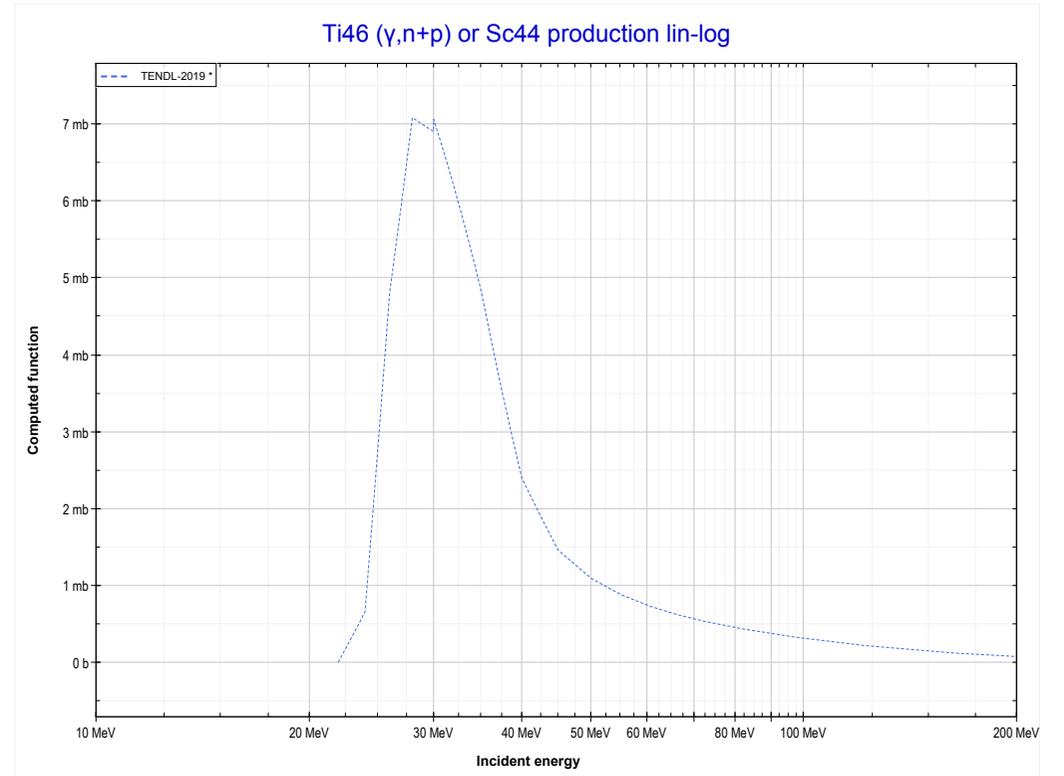
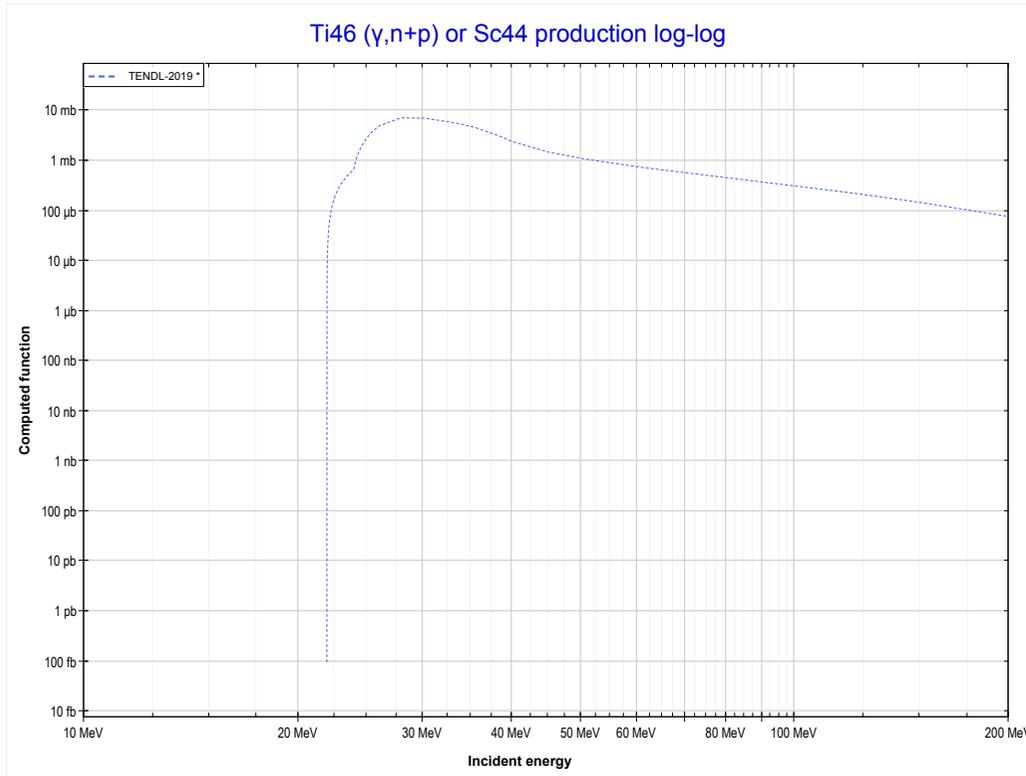
Reaction	Q-Value
Sc45(γ,n)Sc44	-11327.22 keV

<< 21-Sc-45	22-Ti-46	24-Cr-50 >>
<< 21-Sc-45 MT4 (γ,n)	MT4 (γ,n) or MT5 (Ti45 production)	MT28 ($\gamma,n+p$) >>



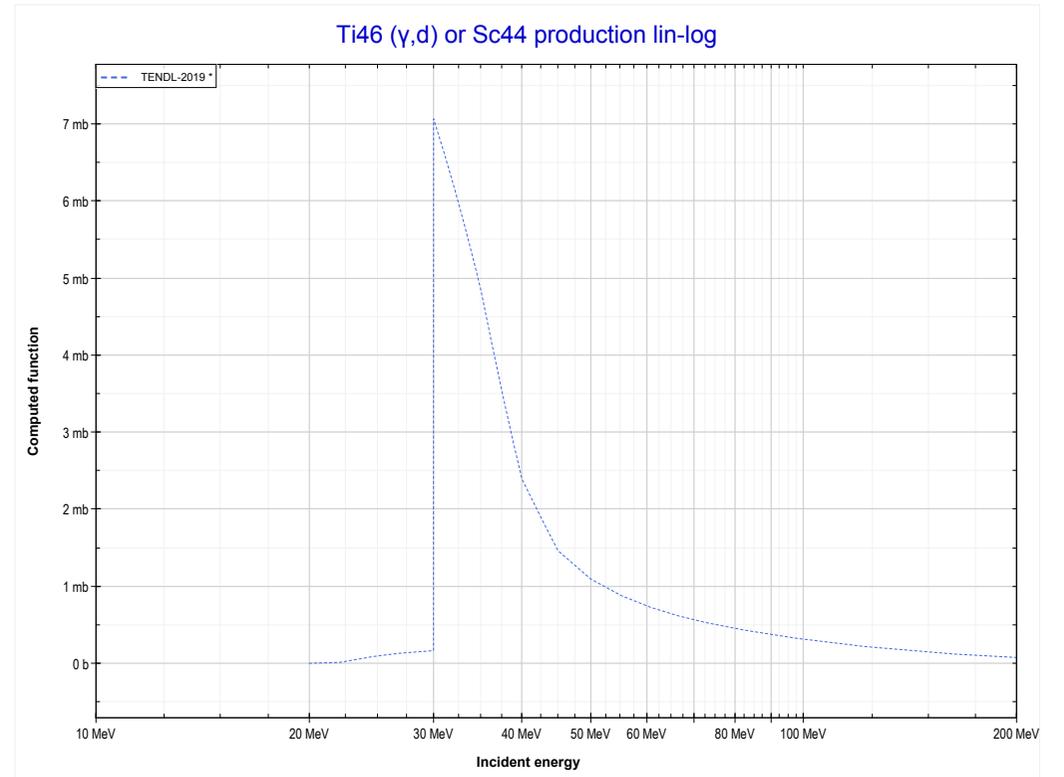
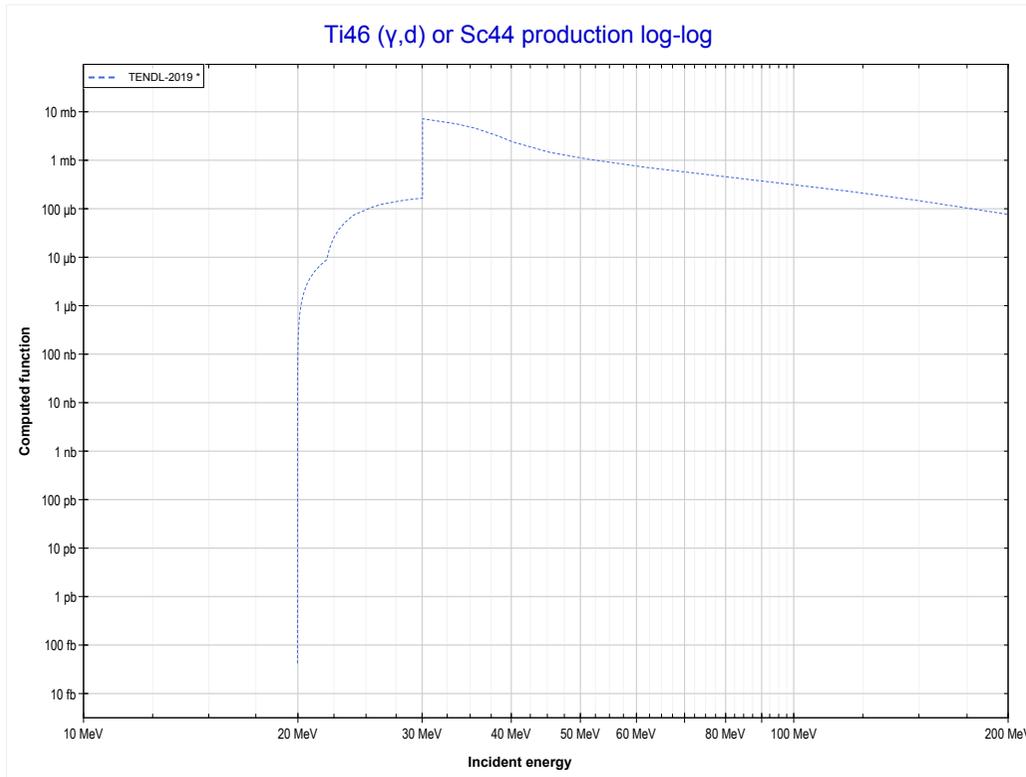
Reaction	Q-Value
Ti46(γ,n)Ti45	-13189.32 keV

<< 16-S-34	22-Ti-46	26-Fe-54 >>
<< MT4 (γ,n)	MT28 ($\gamma,n+p$) or MT5 (Sc44 production)	MT104 (γ,d) >>



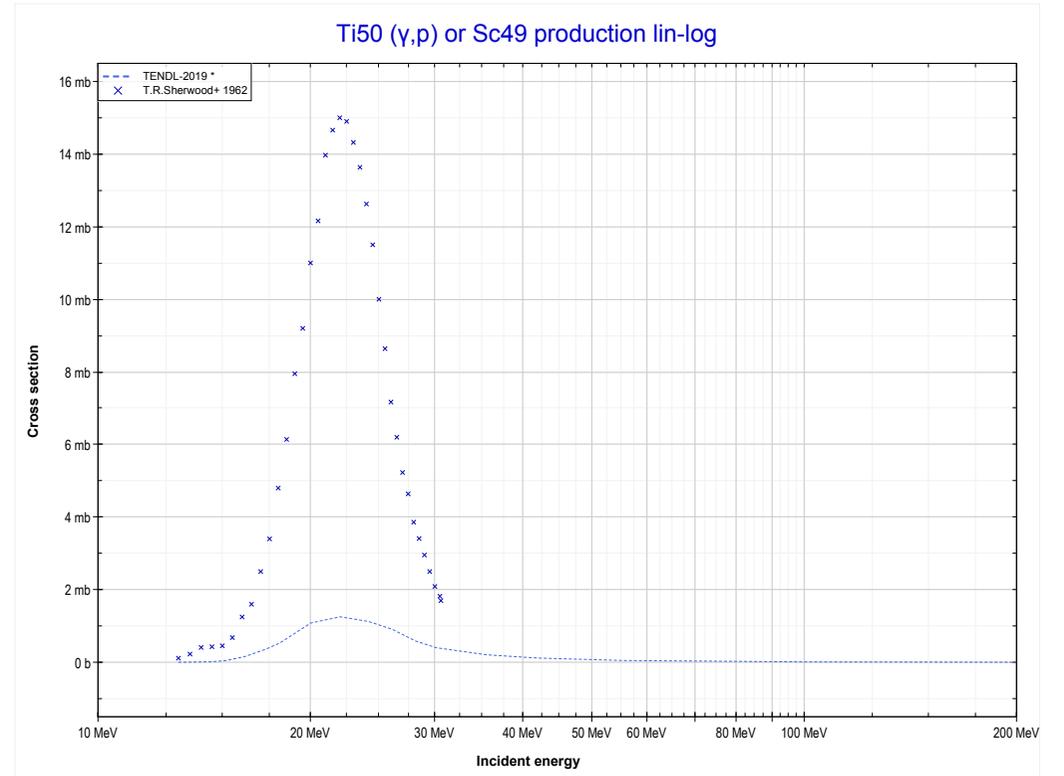
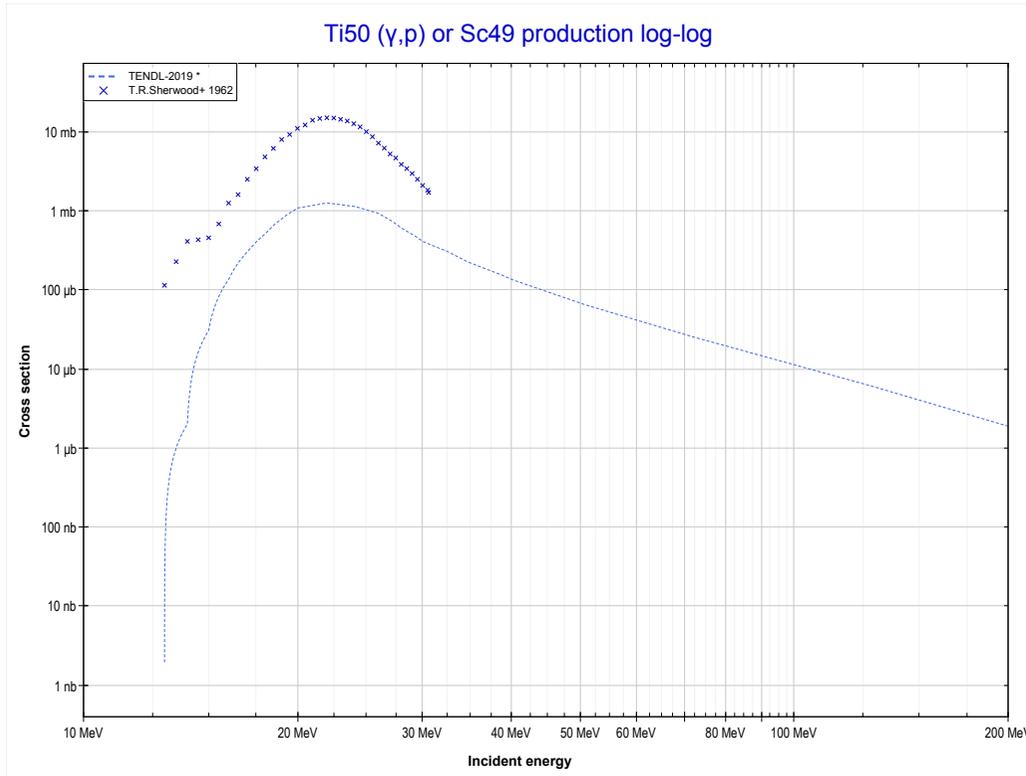
Reaction	Q-Value
Ti46(γ,d)Sc44	-19447.52 keV
Ti46($\gamma,n+p$)Sc44	-21672.09 keV

<< 8-O-18	22-Ti-46	30-Zn-64 >>
<< MT28 ($\gamma,n+p$)	MT104 (γ,d) or MT5 (Sc44 production)	22-Ti-50 MT103 (γ,p) >>



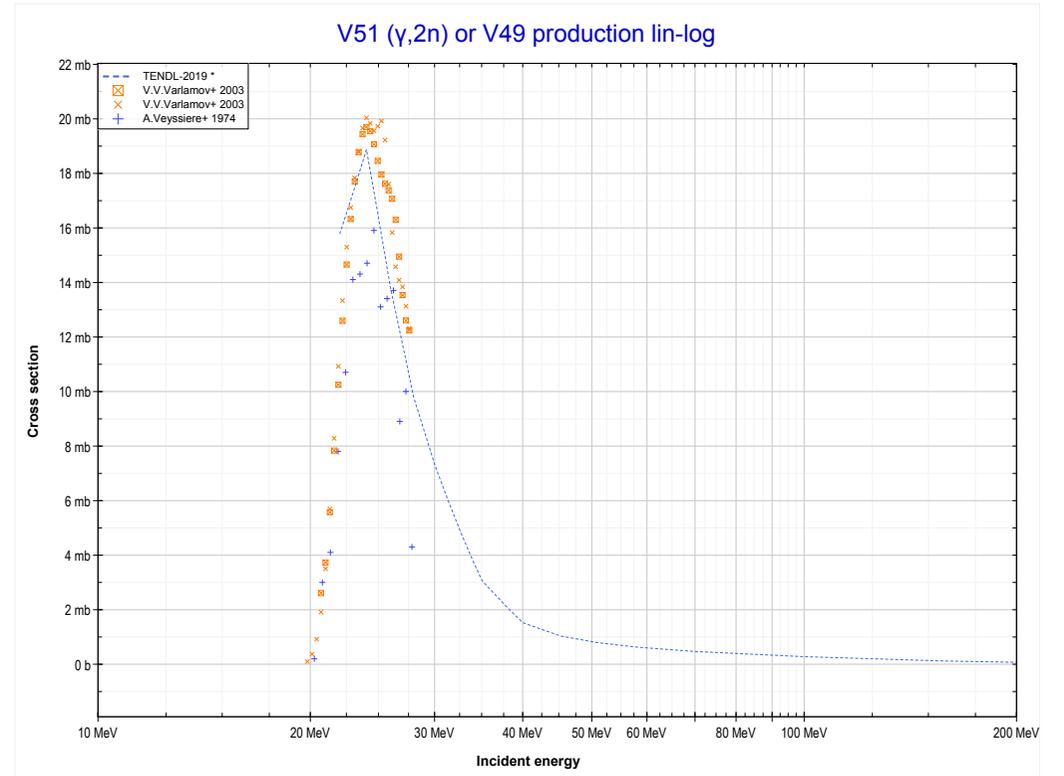
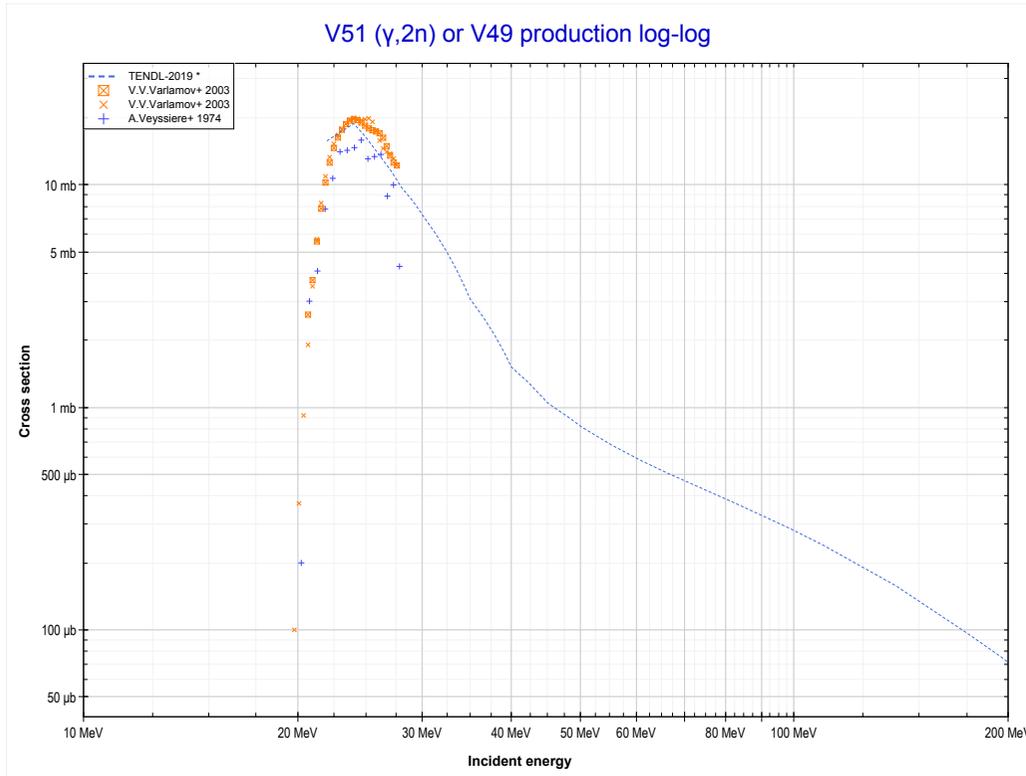
Reaction	Q-Value
Ti46(γ,d)Sc44	-19447.52 keV
Ti46($\gamma,n+p$)Sc44	-21672.09 keV

<< 16-S-34	22-Ti-50	26-Fe-54 >>
<< 22-Ti-46 MT104 (γ,d)	MT103 (γ,p) or MT5 (Sc49 production)	23-V-51 MT16 (γ,2n) >>



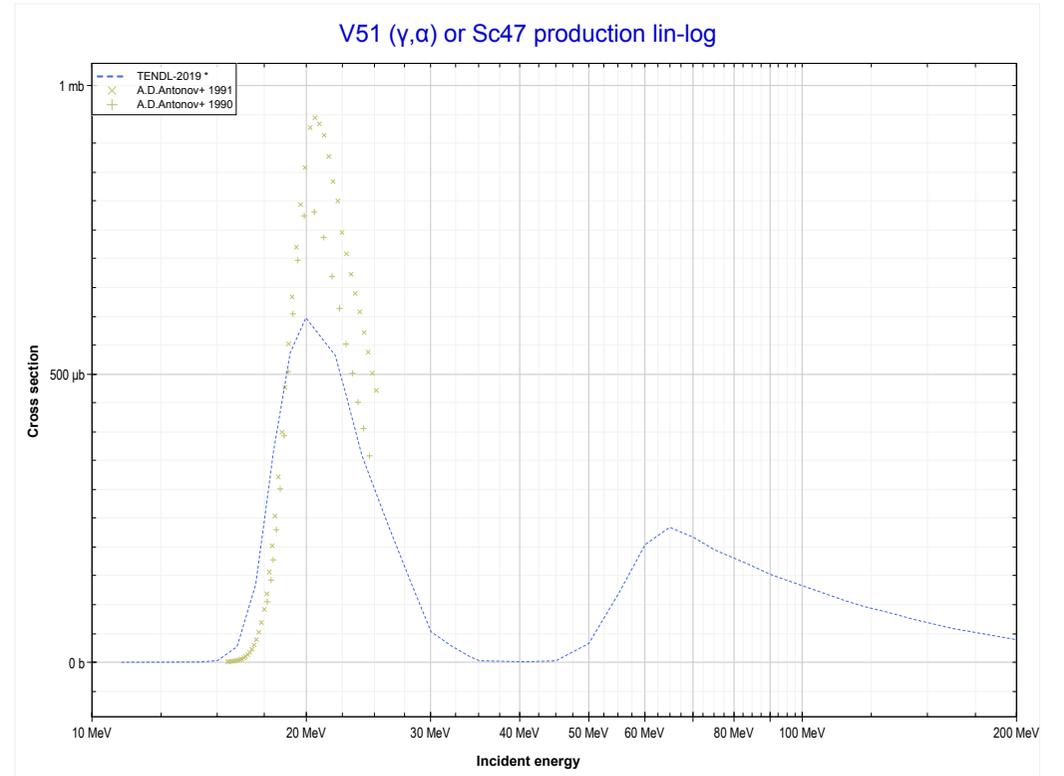
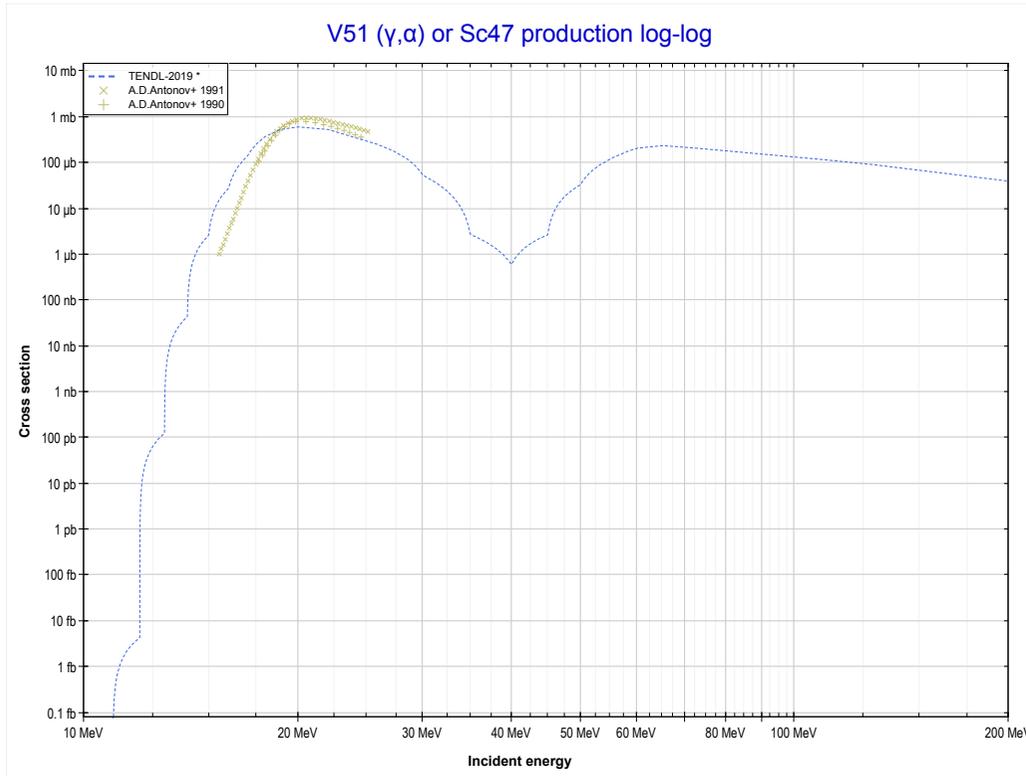
Reaction	Q-Value
Ti50(γ,p)Sc49	-12159.33 keV

<< 20-Ca-48	23-V-51	26-Fe-54 >>
<< 22-Ti-50 MT103 (γ,p)	MT16 (γ,2n) or MT5 (V49 production)	MT107 (γ,α) >>



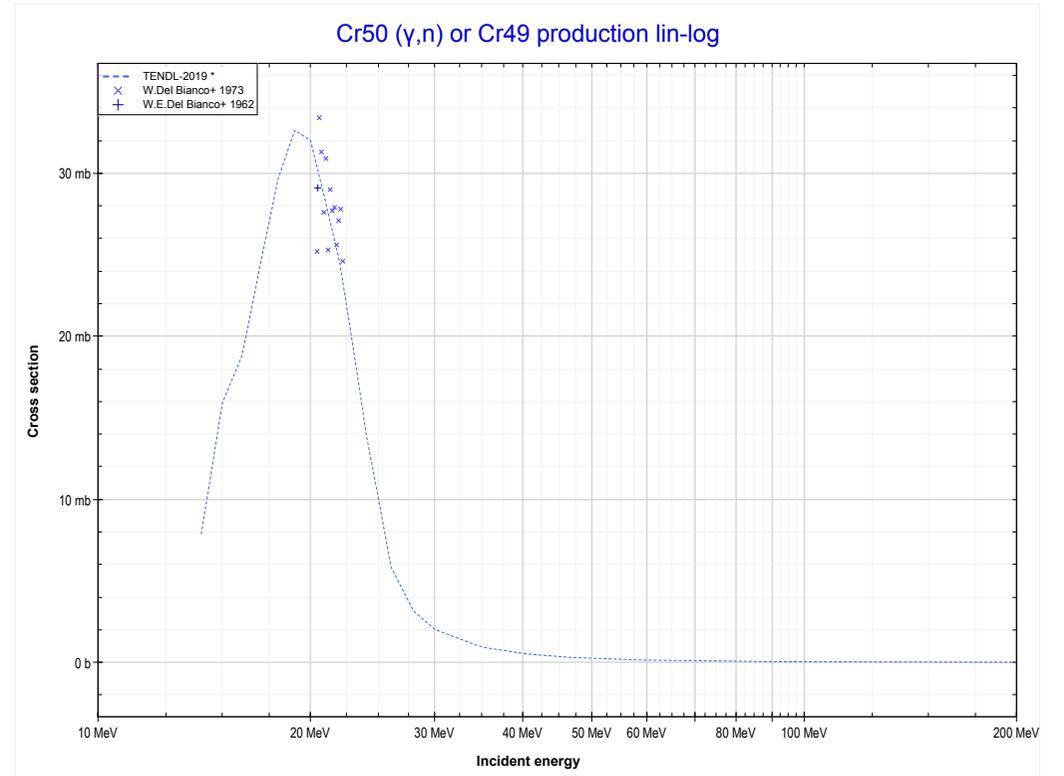
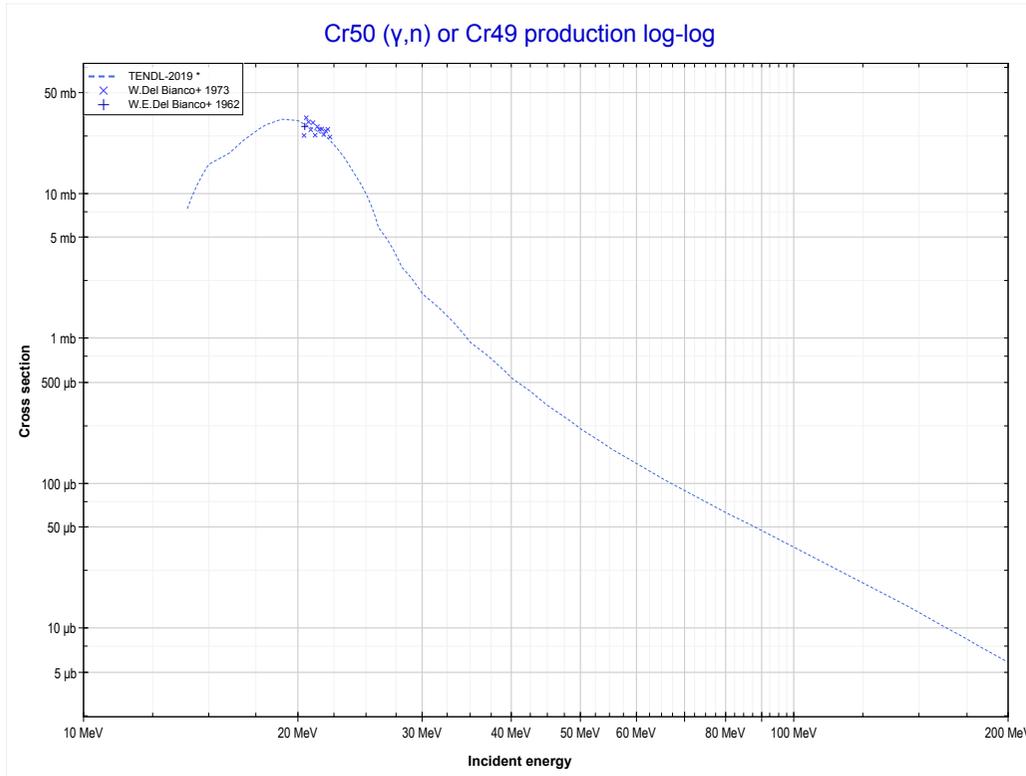
Reaction	Q-Value
V51(γ,2n)V49	-20384.53 keV

	23-V-51	29-Cu-65 >>
<< MT16 ($\gamma,2n$)	MT107 (γ,α) or MT5 (Sc47 production)	24-Cr-50 MT4 (γ,n) >>



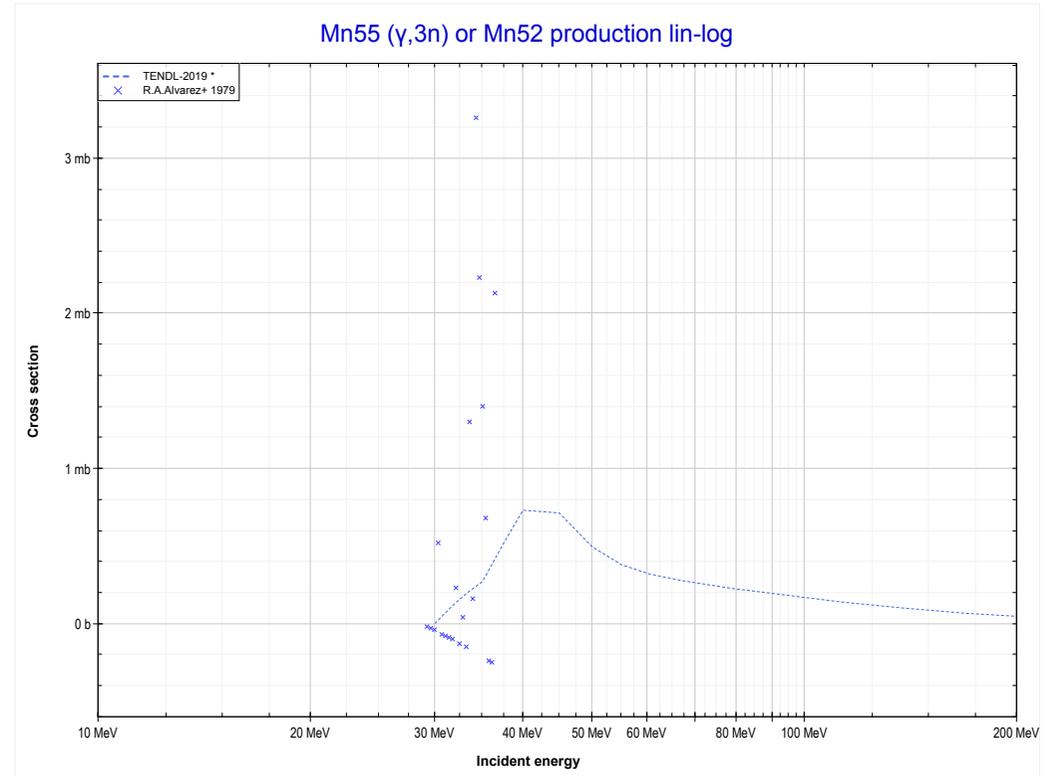
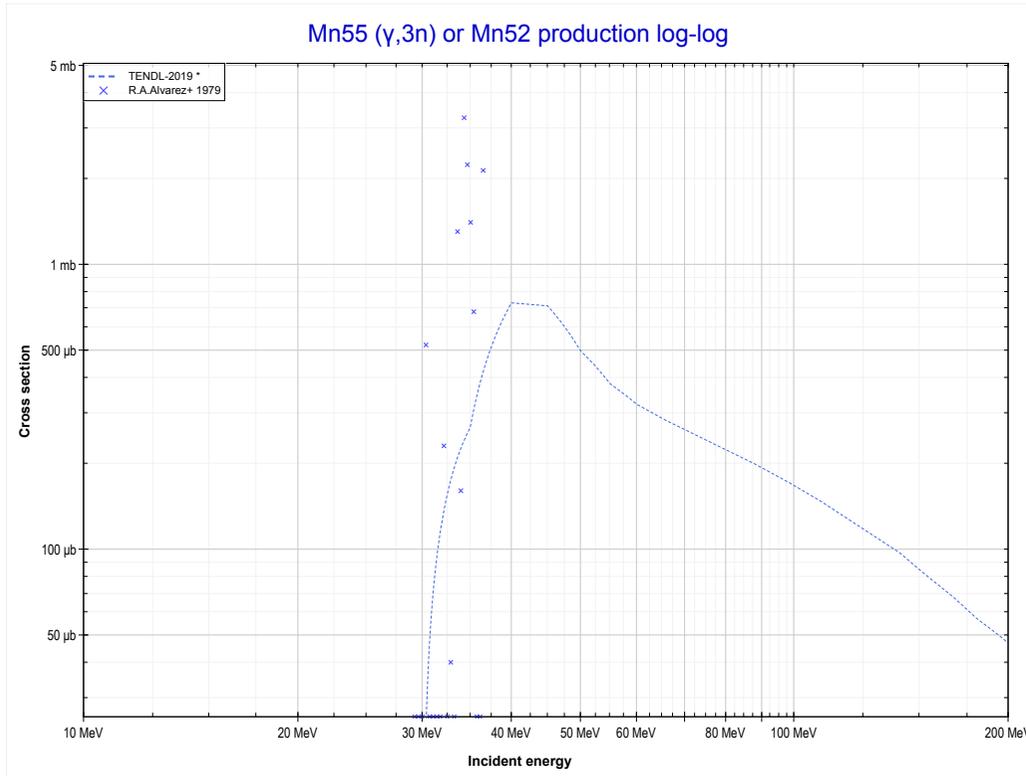
Reaction	Q-Value
V51(γ,α)Sc47	-10292.12 keV
V51($\gamma,p+t$)Sc47	-30105.98 keV
V51($\gamma,n+He3$)Sc47	-30869.73 keV
V51($\gamma,2d$)Sc47	-34138.64 keV
V51($\gamma,n+p+d$)Sc47	-36363.21 keV
V51($\gamma,2n+2p$)Sc47	-38587.78 keV

<< 22-Ti-46	24-Cr-50	26-Fe-54 >>
<< 23-V-51 MT107 (γ,α)	MT4 (γ,n) or MT5 (Cr49 production)	25-Mn-55 MT17 (γ,3n) >>



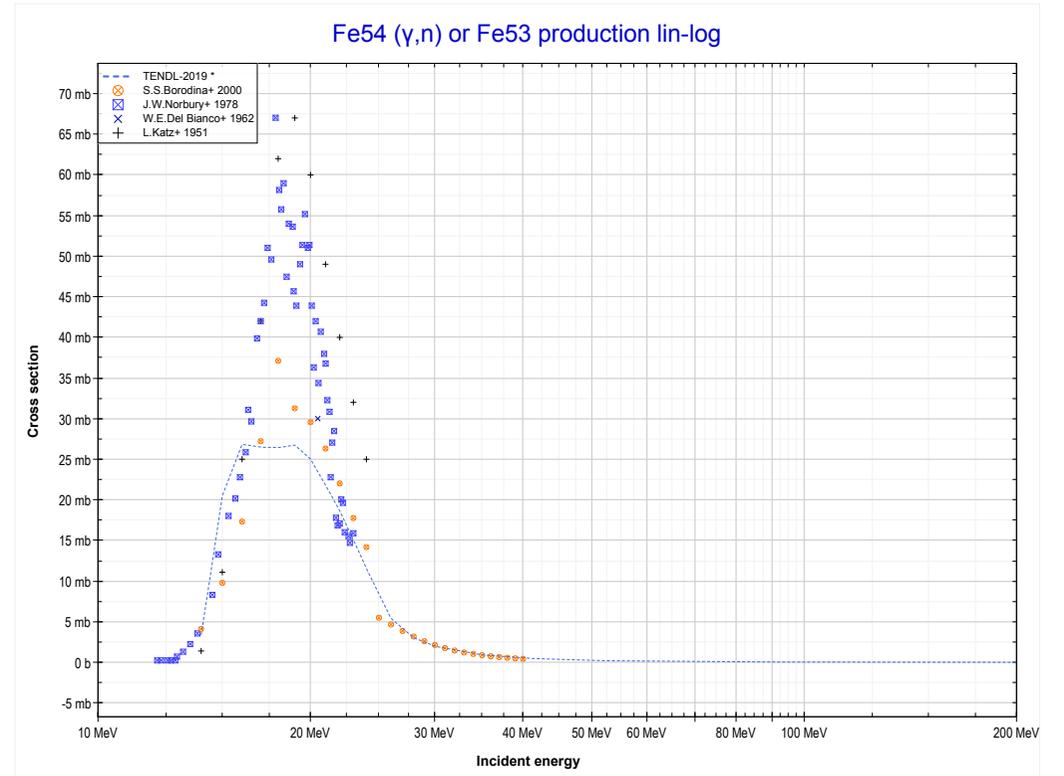
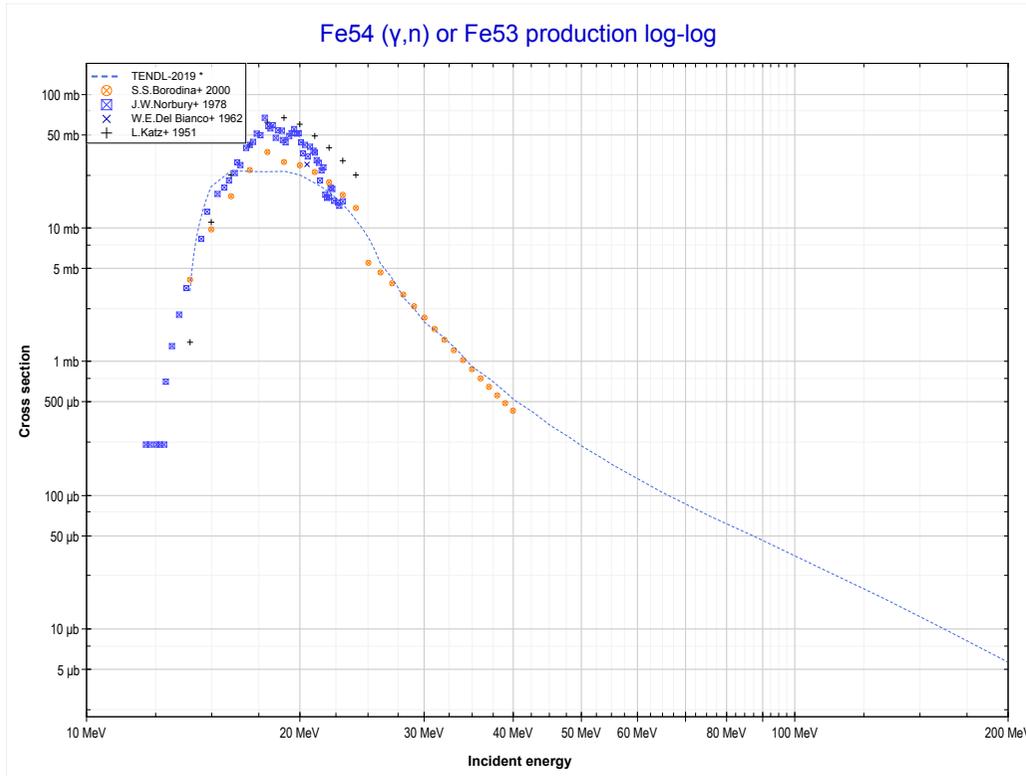
Reaction	Q-Value
Cr50(γ,n)Cr49	-13000.32 keV

	25-Mn-55	27-Co-59 >>
<< 24-Cr-50 MT4 (γ,n)	MT17 (γ,3n) or MT5 (Mn52 production)	26-Fe-54 MT4 (γ,n) >>



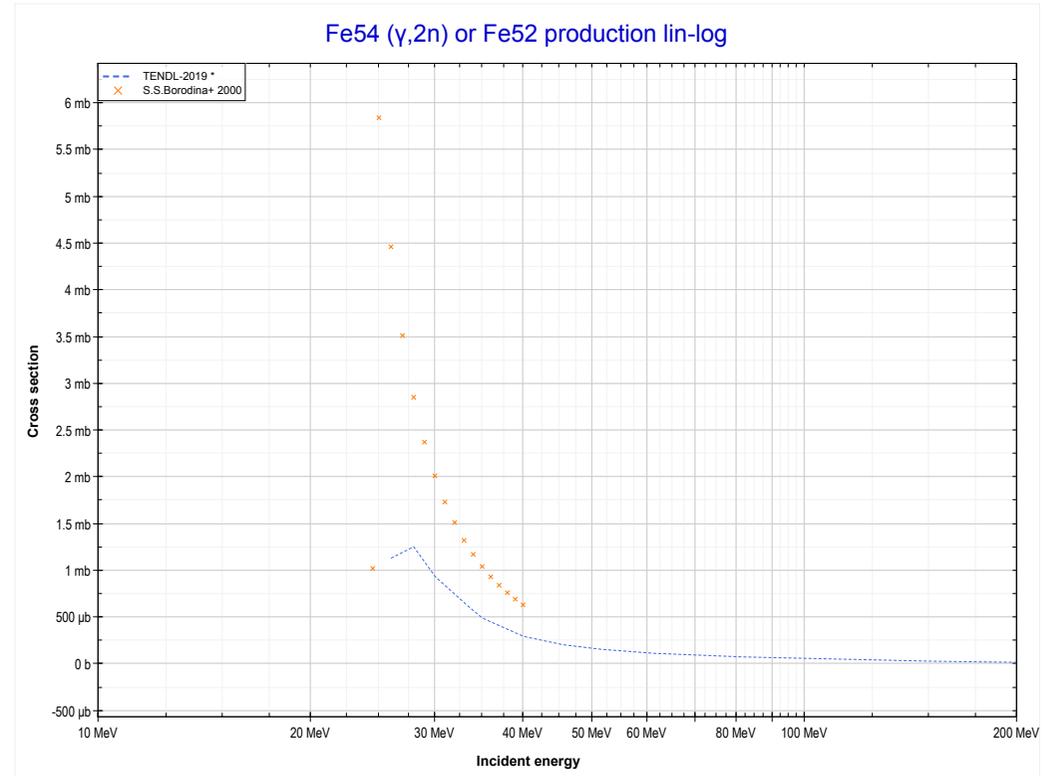
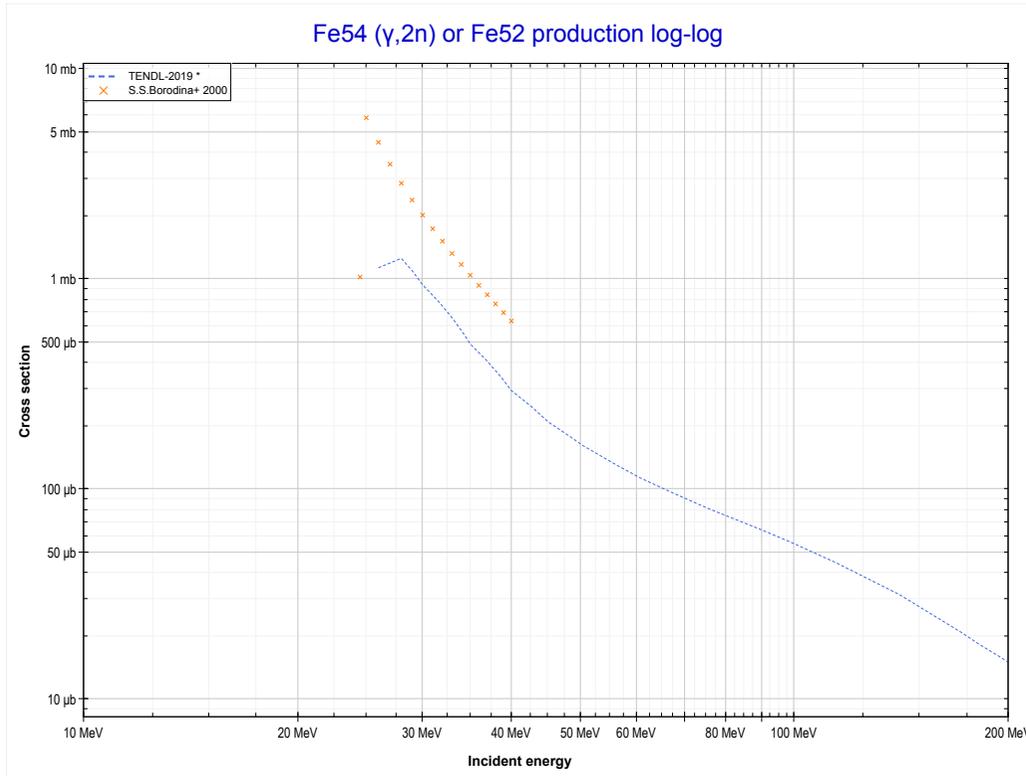
Reaction	Q-Value
Mn55(γ,3n)Mn52	-31219.05 keV

<< 24-Cr-50	26-Fe-54	26-Fe-56 >>
<< 25-Mn-55 MT17 ($\gamma,3n$)	MT4 (γ,n) or MT5 (Fe53 production)	MT16 ($\gamma,2n$) >>



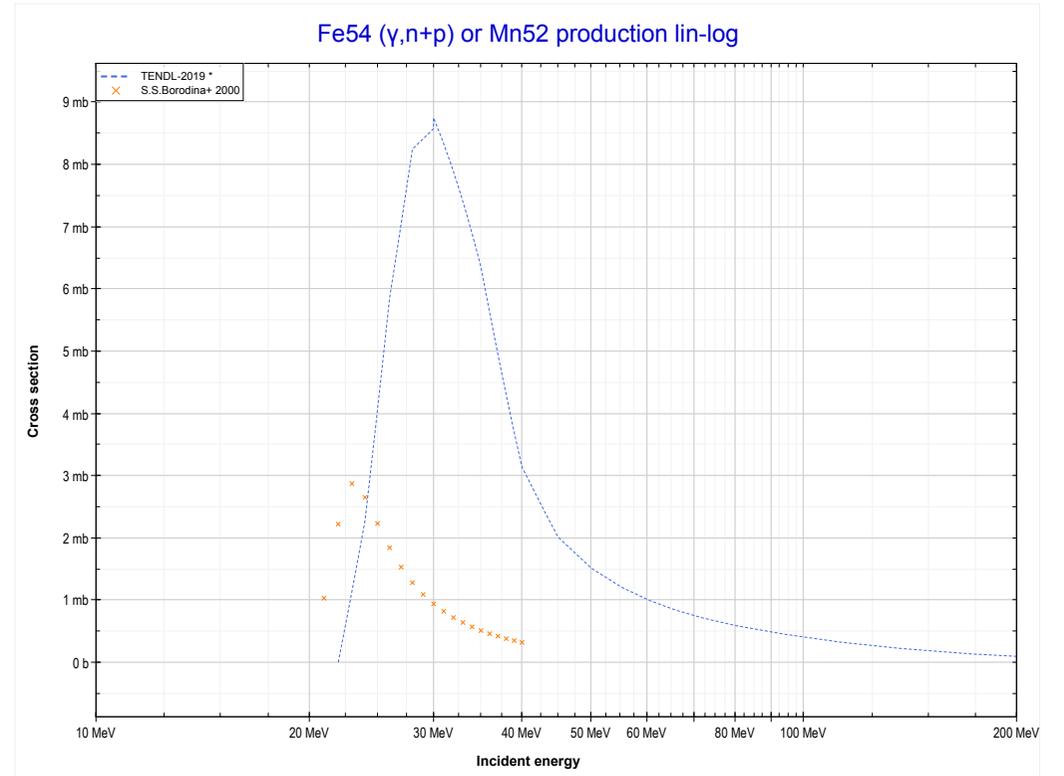
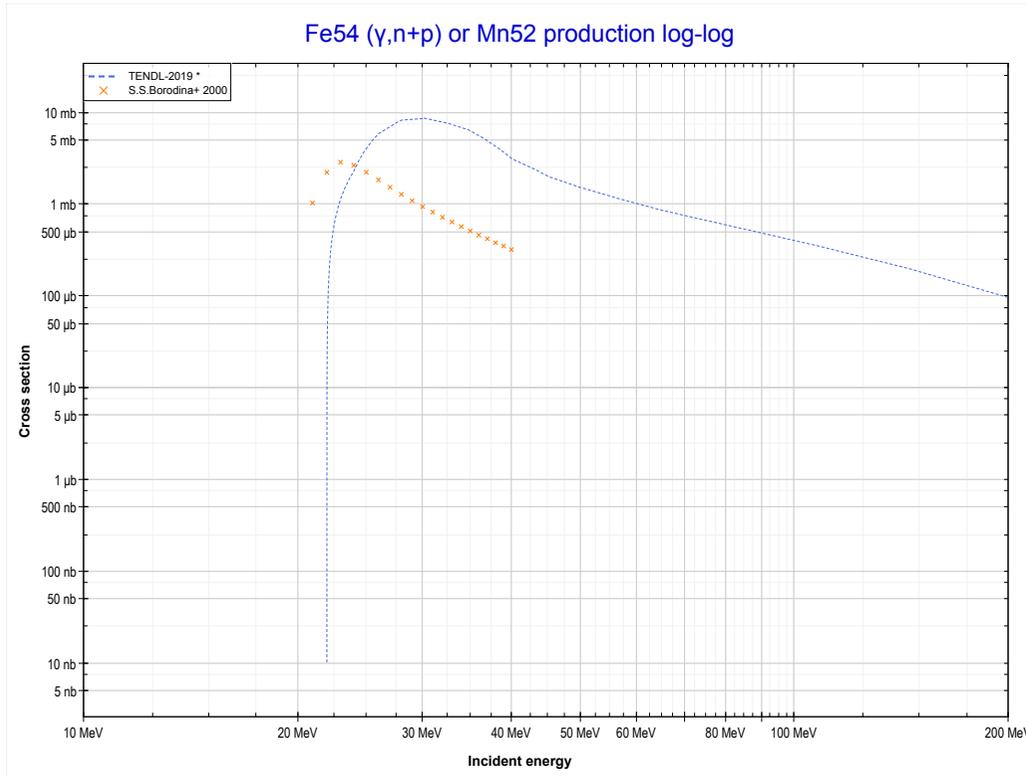
Reaction	Q-Value
Fe54(γ,n)Fe53	-13378.32 keV

<< 23-V-51	26-Fe-54	26-Fe-56 >>
<< MT4 (γ, n)	MT16 ($\gamma, 2n$) or MT5 (Fe52 production)	MT28 ($\gamma, n+p$) >>



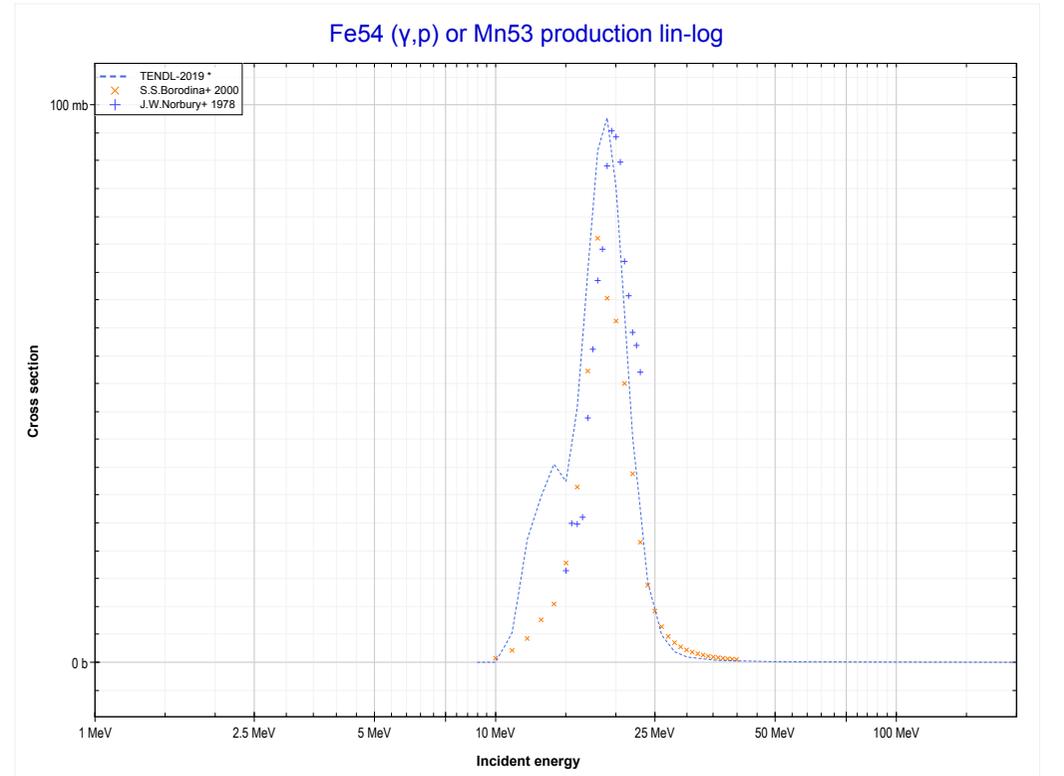
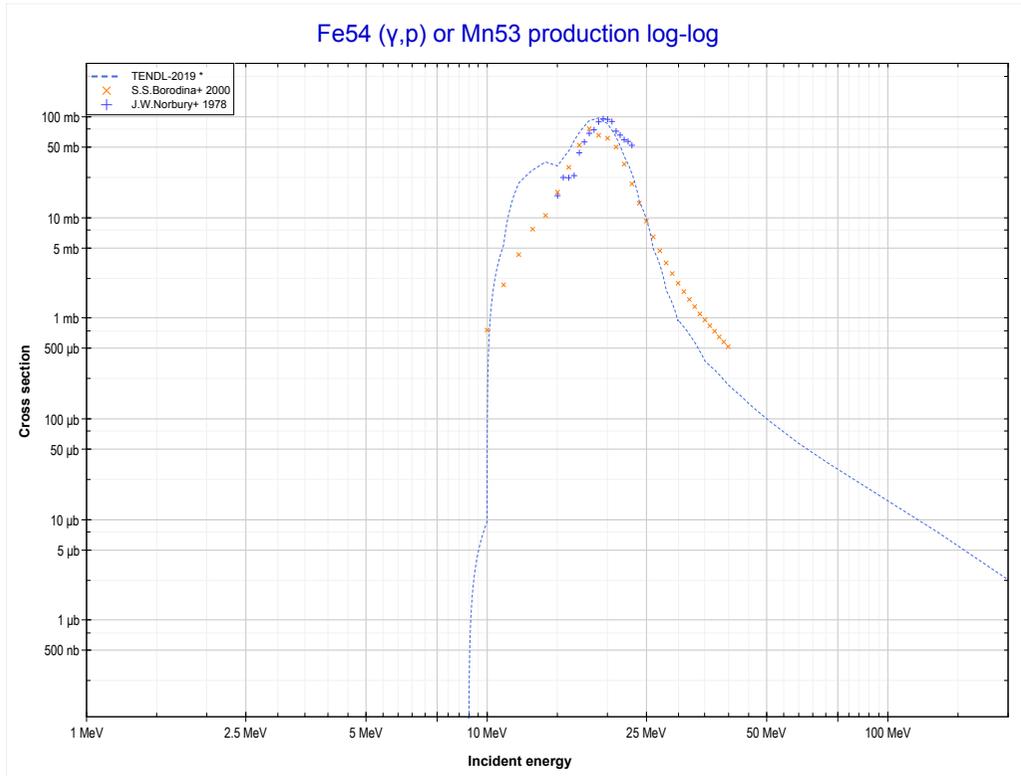
Reaction	Q-Value
Fe54($\gamma, 2n$)Fe52	-24067.13 keV

<< 22-Ti-46	26-Fe-54	26-Fe-56 >>
<< MT16 ($\gamma,2n$)	MT28 ($\gamma,n+p$) or MT5 (Mn52 production)	MT103 (γ,p) >>



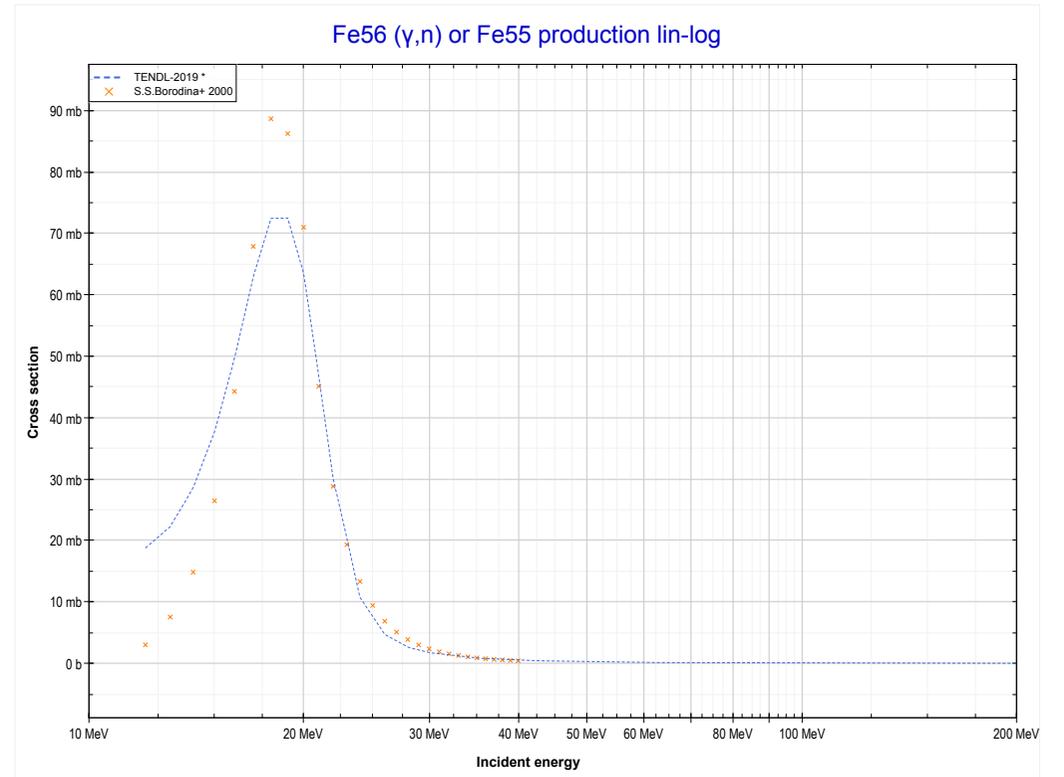
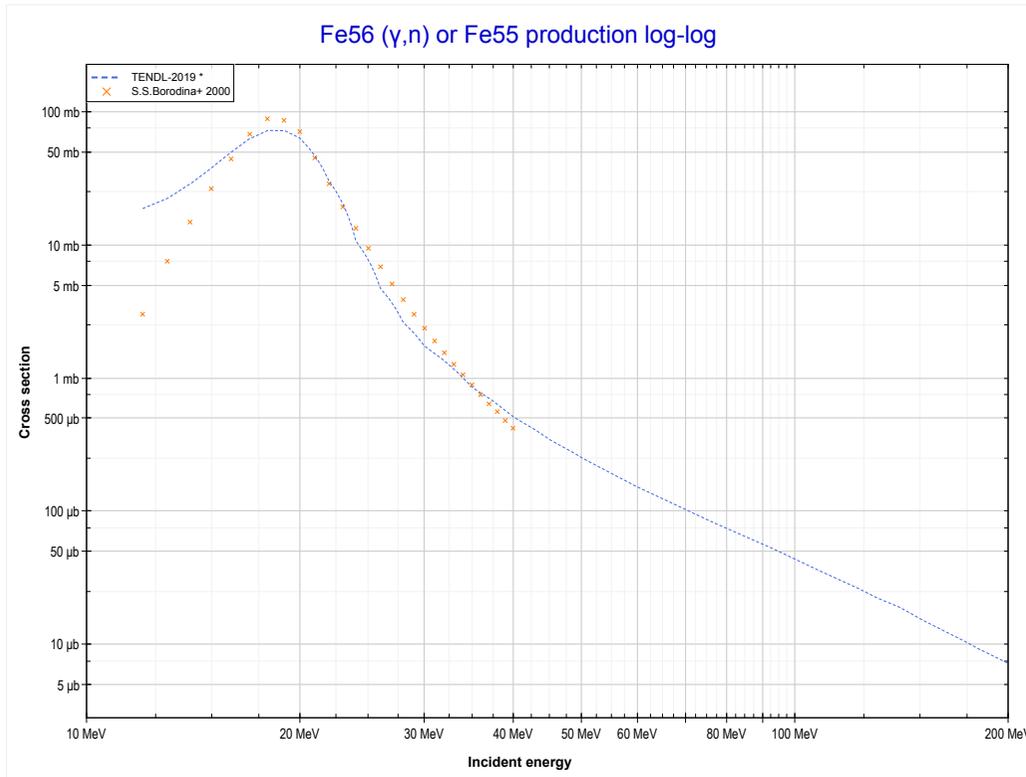
Reaction	Q-Value
Fe54(γ,d)Mn52	-18682.92 keV
Fe54($\gamma,n+p$)Mn52	-20907.49 keV

<< 22-Ti-50	26-Fe-54	26-Fe-56 >>
<< MT28 ($\gamma, n + p$)	MT103 (γ, p) or MT5 (Mn53 production)	26-Fe-56 MT4 (γ, n) >>



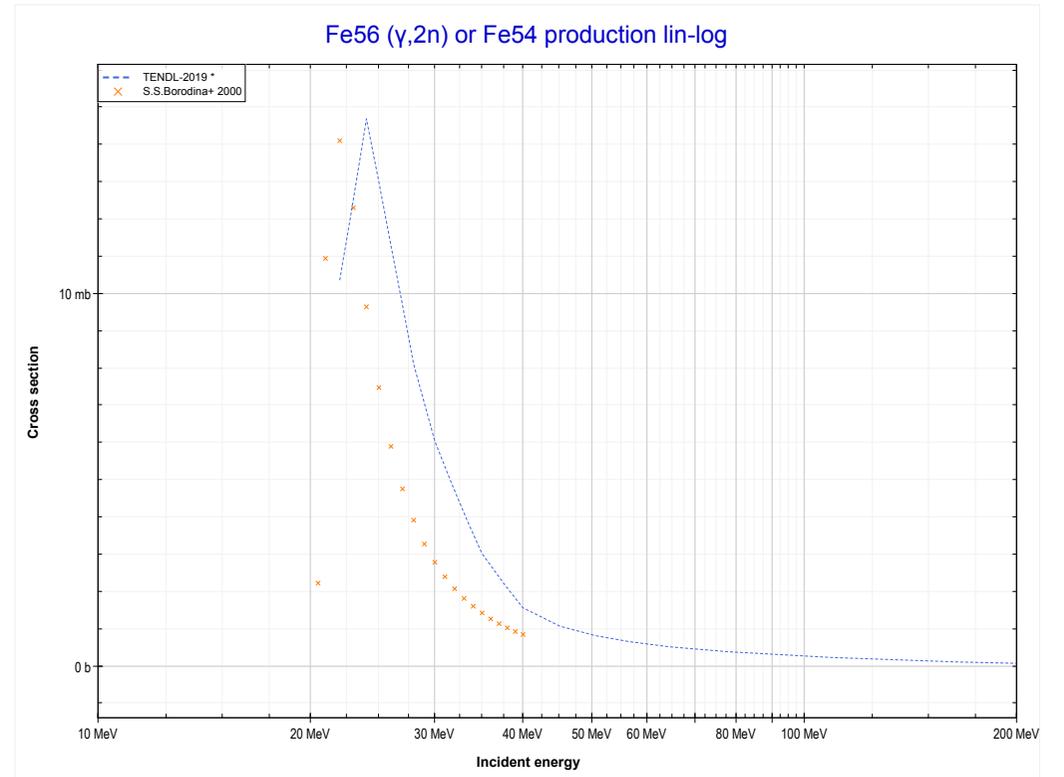
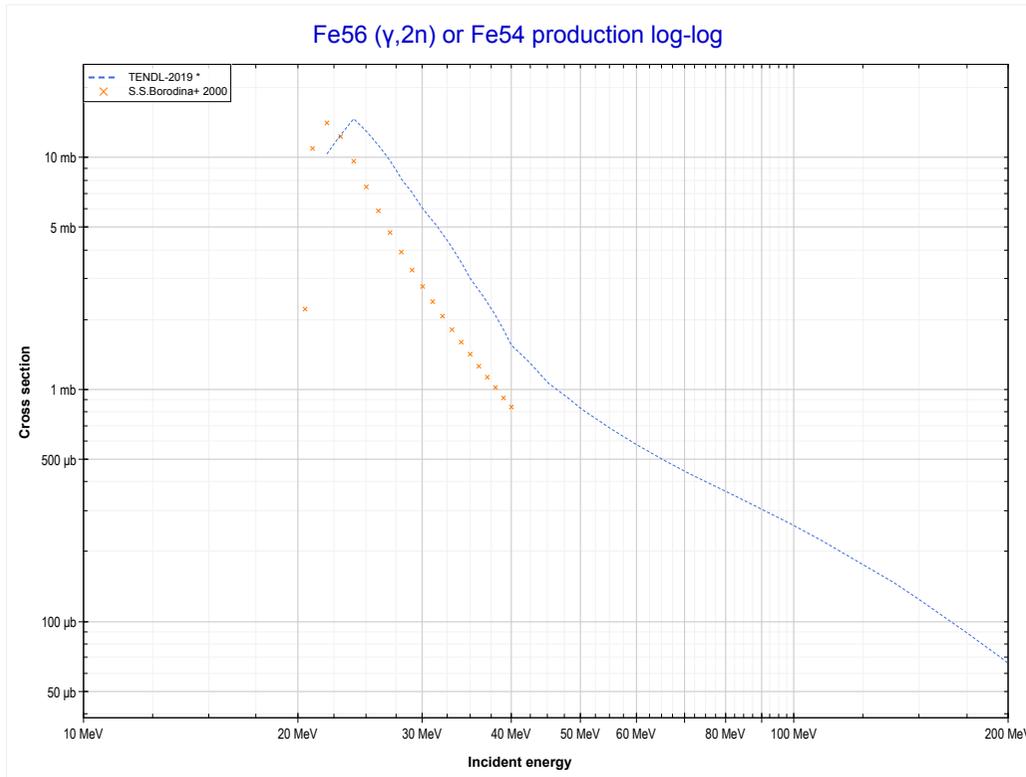
Reaction	Q-Value
Fe54(γ, p)Mn53	-8853.37 keV

<< 26-Fe-54	26-Fe-56	27-Co-59 >>
<< 26-Fe-54 MT103 (γ,p)	MT4 (γ,n) or MT5 (Fe55 production)	MT16 ($\gamma,2n$) >>



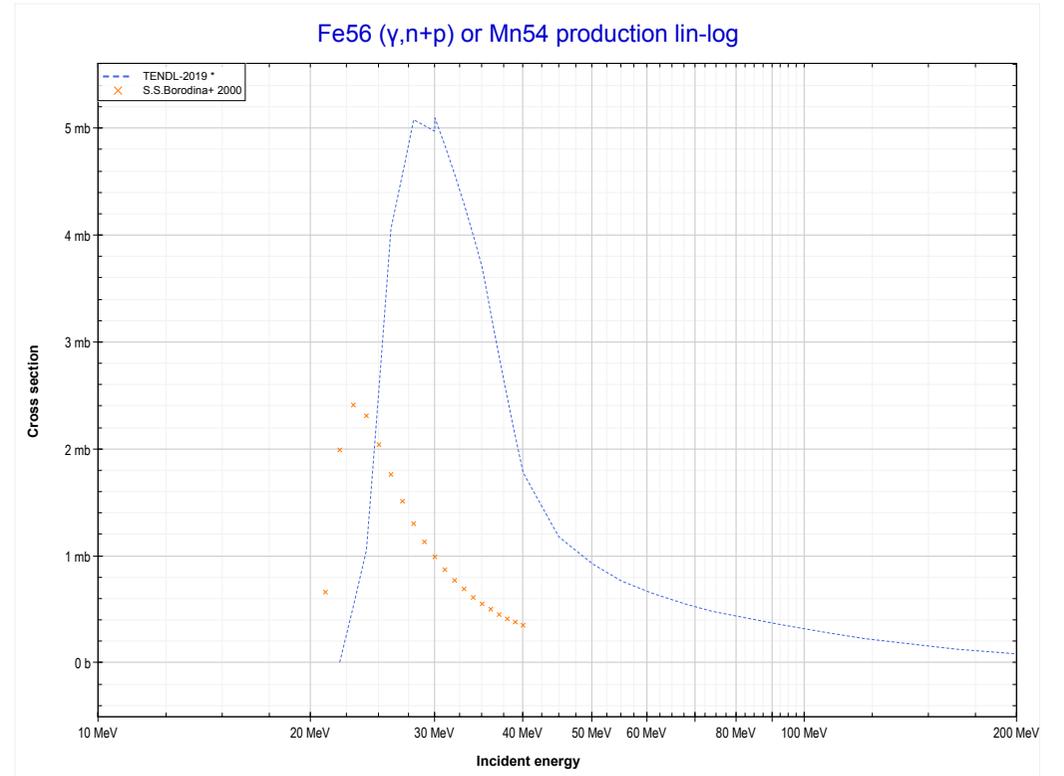
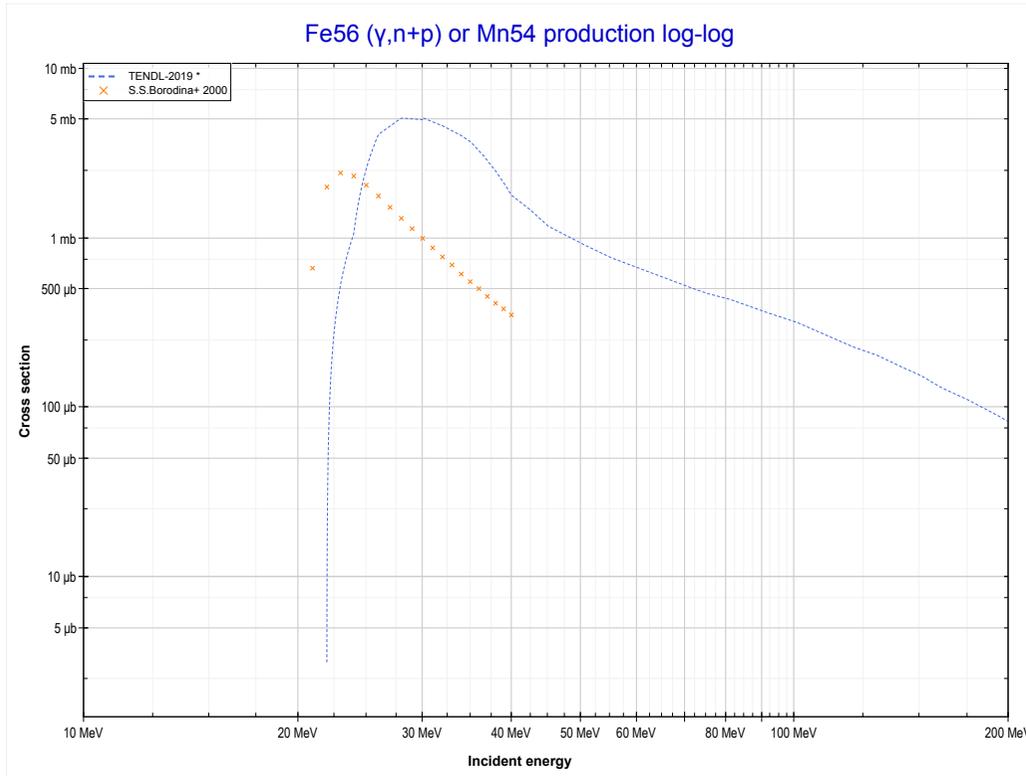
Reaction	Q-Value
Fe56(γ,n)Fe55	-11197.12 keV

<< 26-Fe-54	26-Fe-56	27-Co-59 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Fe54 production)	MT28 ($\gamma,n+p$) >>



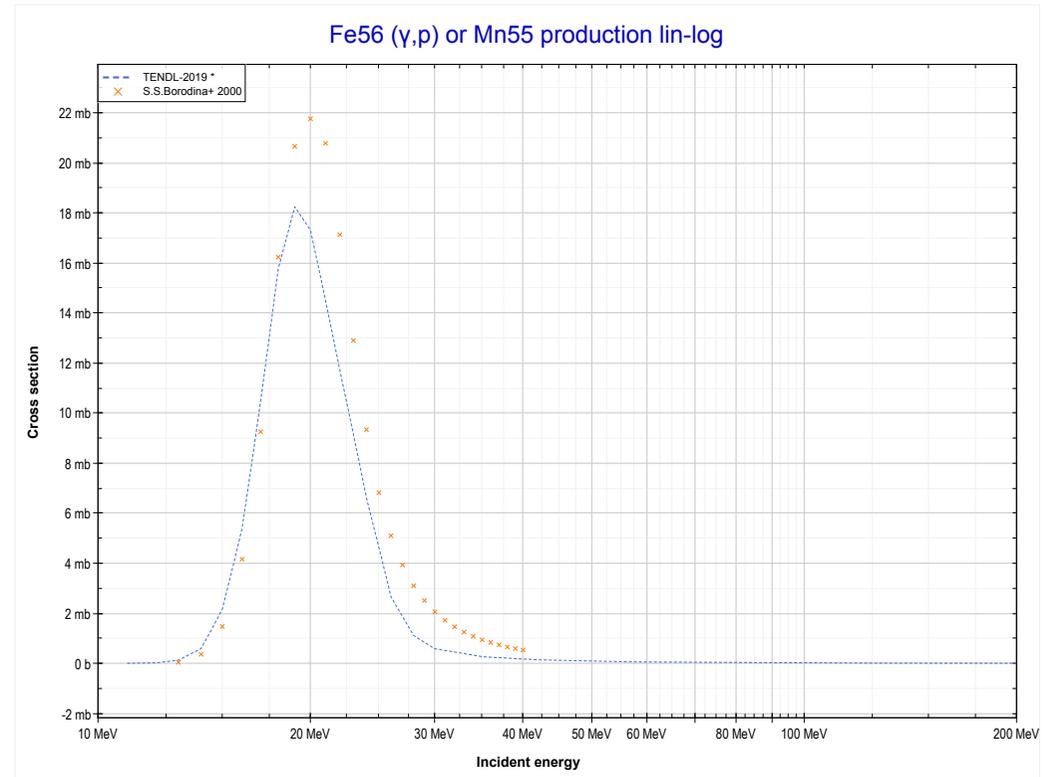
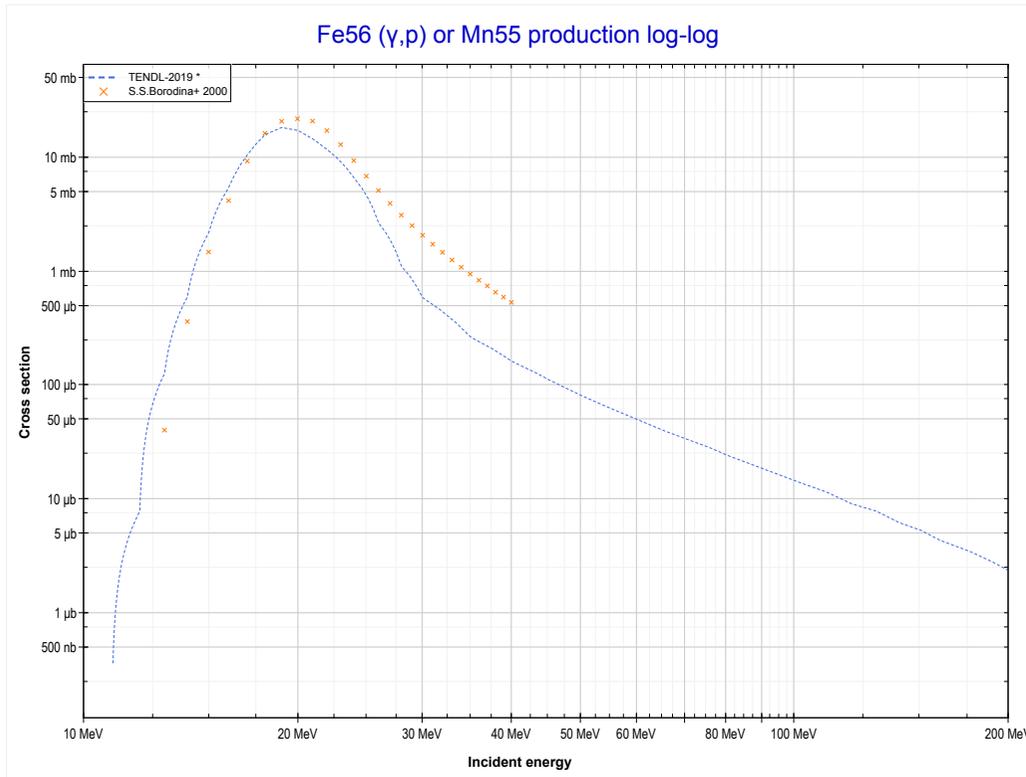
Reaction	Q-Value
Fe56($\gamma,2n$)Fe54	-20495.23 keV

<< 26-Fe-54	26-Fe-56	28-Ni-58 >>
<< MT16 ($\gamma,2n$)	MT28 ($\gamma,n+p$) or MT5 (Mn54 production)	MT103 (γ,p) >>



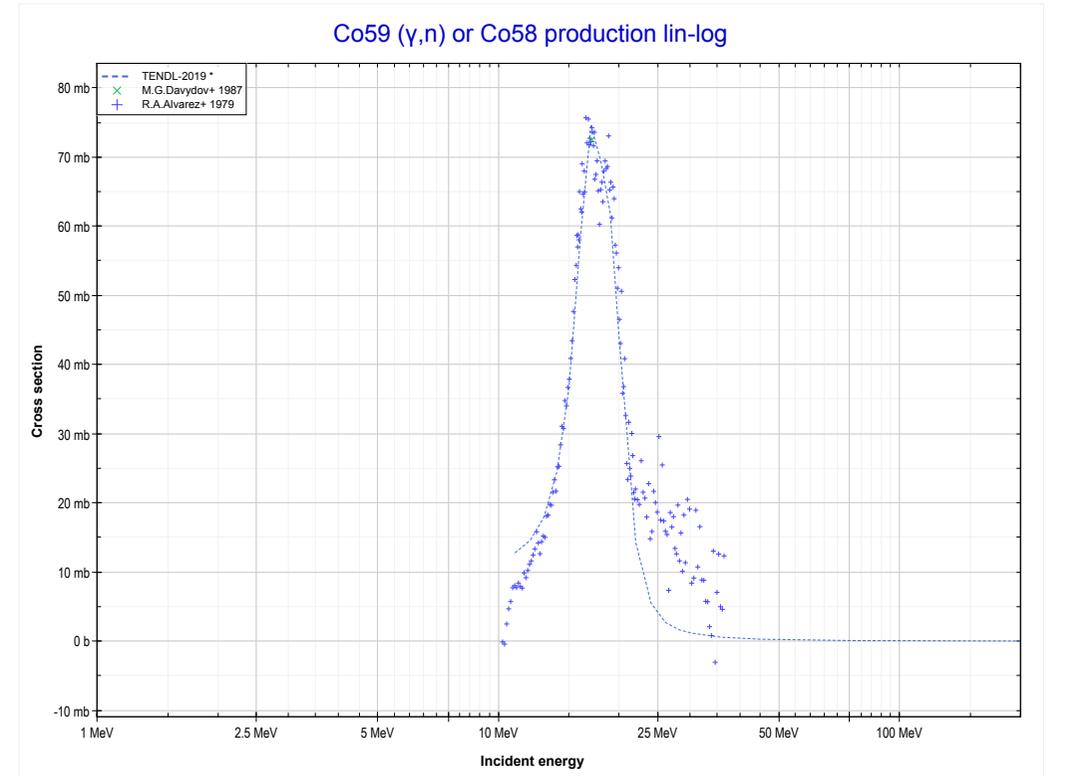
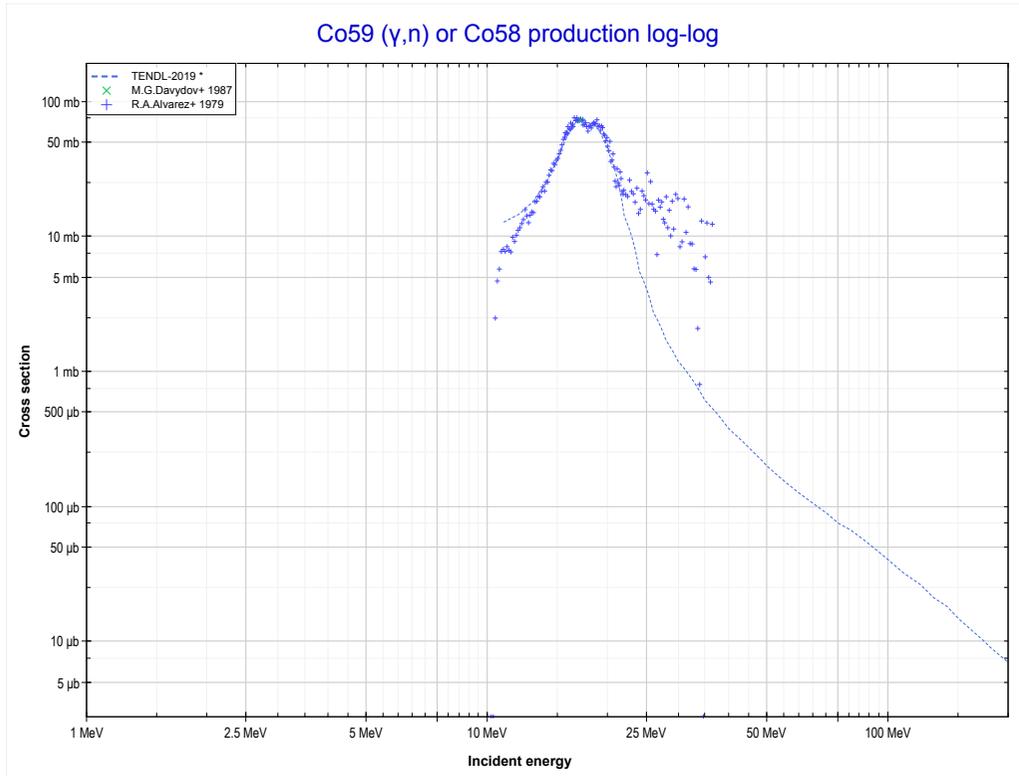
Reaction	Q-Value
Fe56(γ,d)Mn54	-18185.22 keV
Fe56($\gamma,n+p$)Mn54	-20409.79 keV

<< 26-Fe-54	26-Fe-56	28-Ni-58 >>
<< MT28 ($\gamma, n+p$)	MT103 (γ, p) or MT5 (Mn55 production)	27-Co-59 MT4 (γ, n) >>



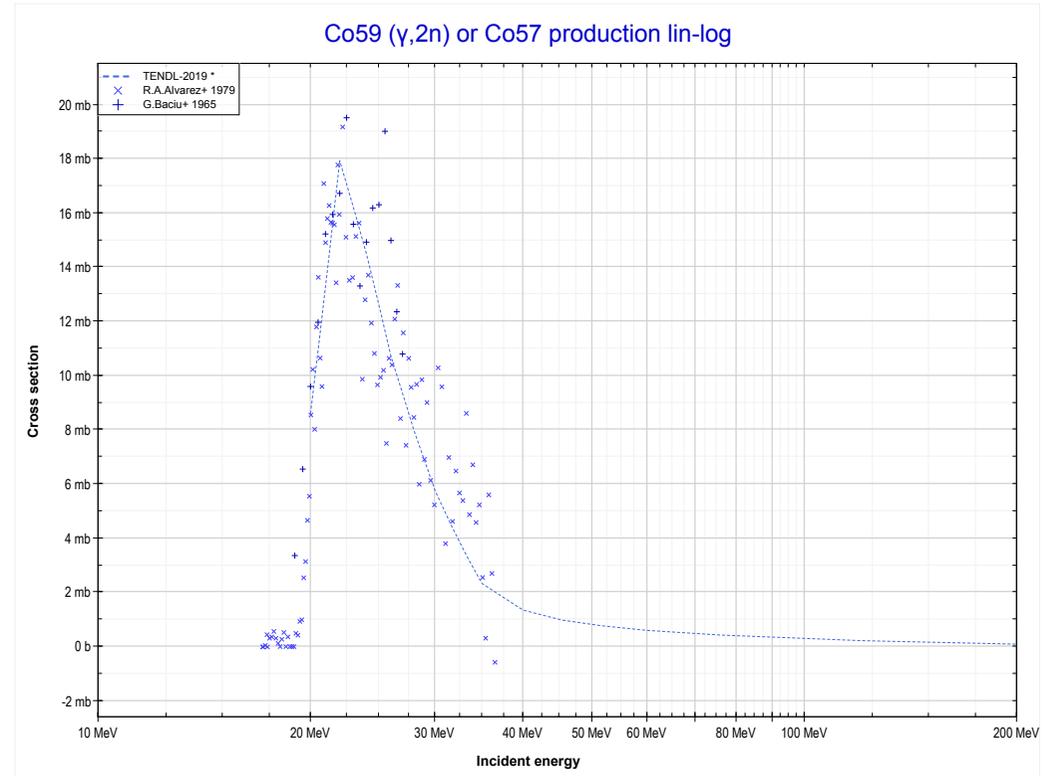
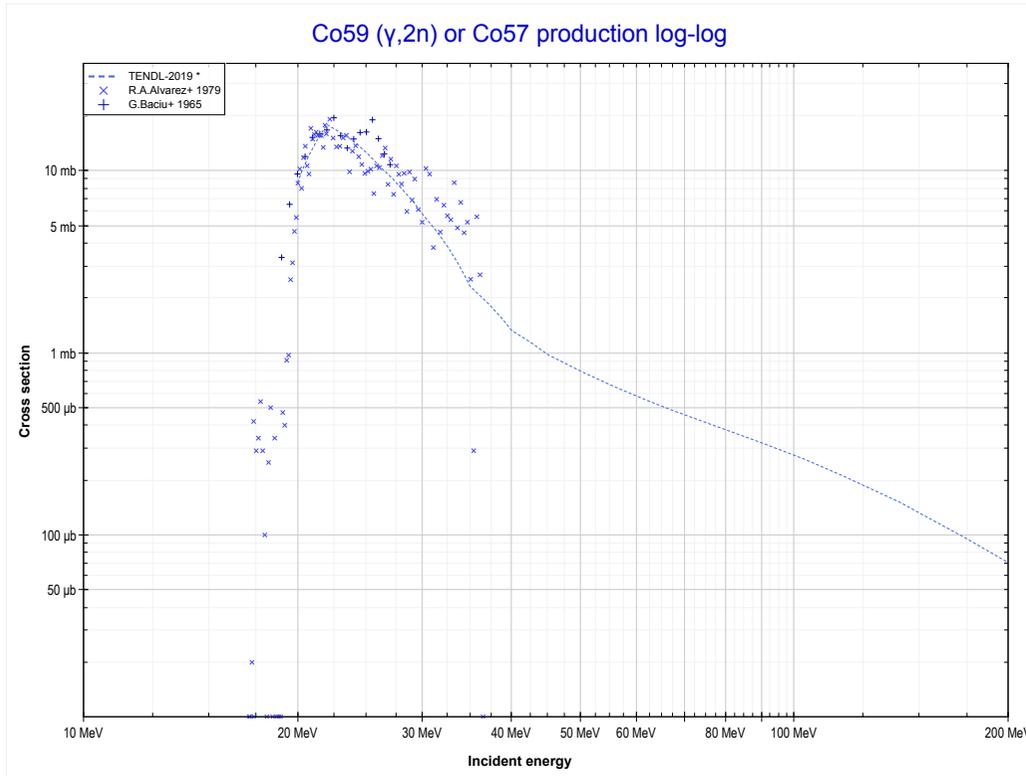
Reaction	Q-Value
Fe56(γ, p)Mn55	-10183.67 keV

<< 26-Fe-56	27-Co-59	28-Ni-58 >>
<< 26-Fe-56 MT103 (γ,p)	MT4 (γ,n) or MT5 (Co58 production)	MT16 ($\gamma,2n$) >>



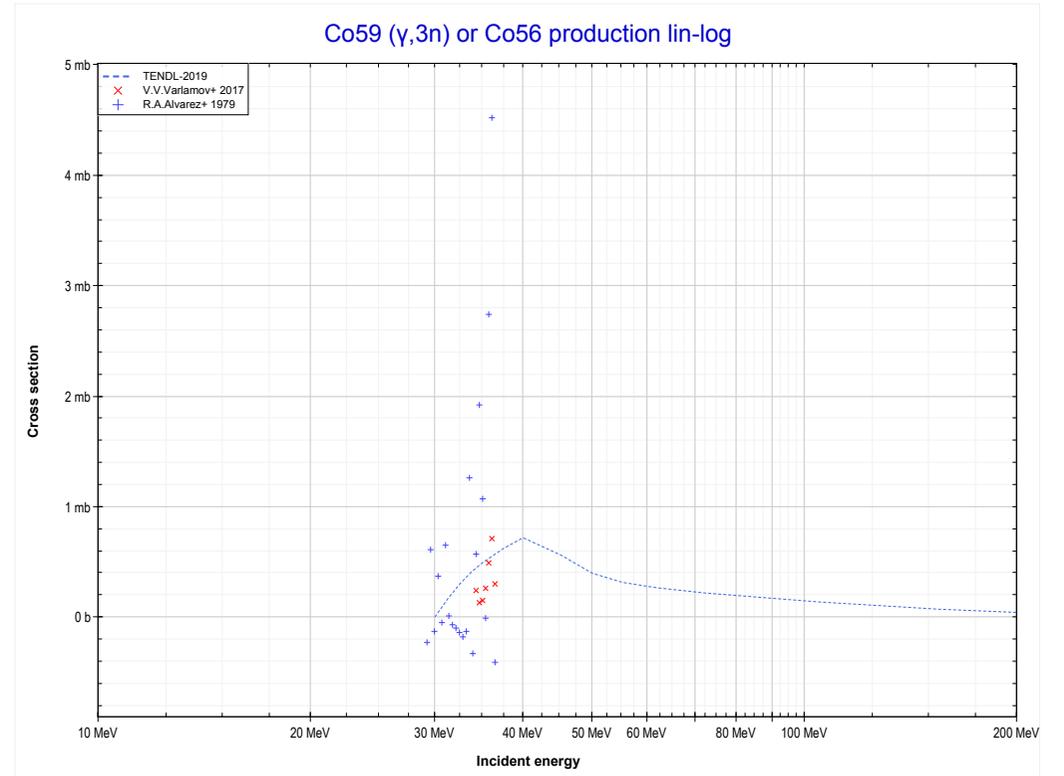
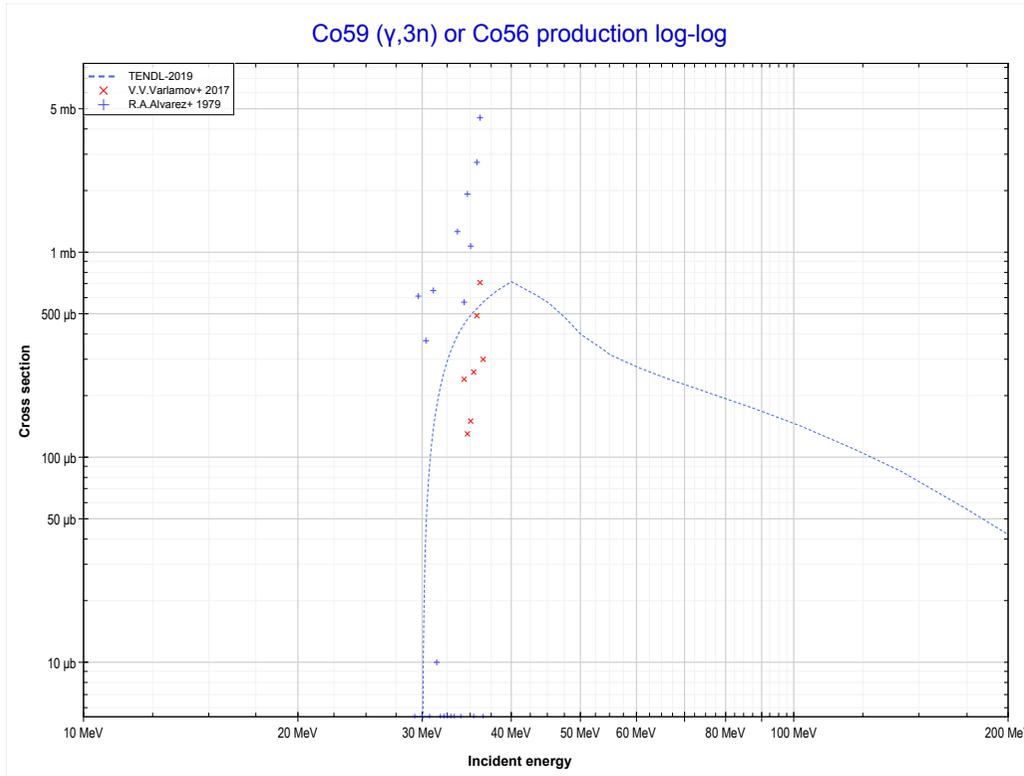
Reaction	Q-Value
Co59(γ,n)Co58	-10453.82 keV

<< 26-Fe-56	27-Co-59	28-Ni-58 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Co57 production)	MT17 ($\gamma,3n$) >>



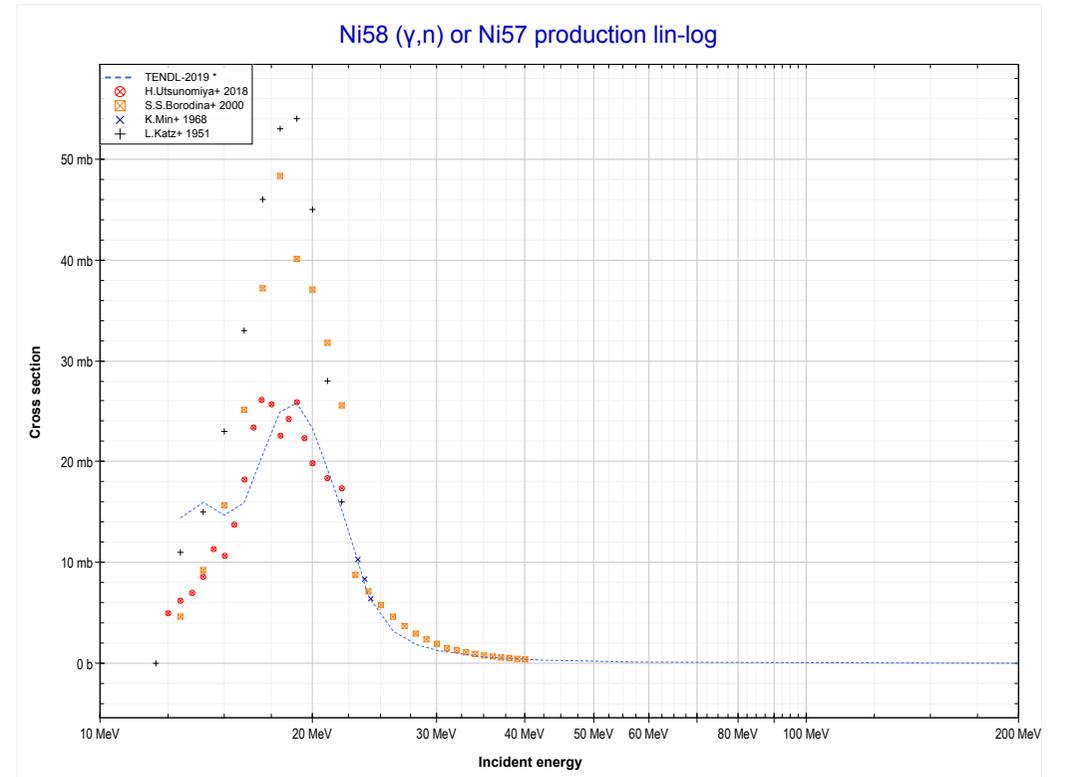
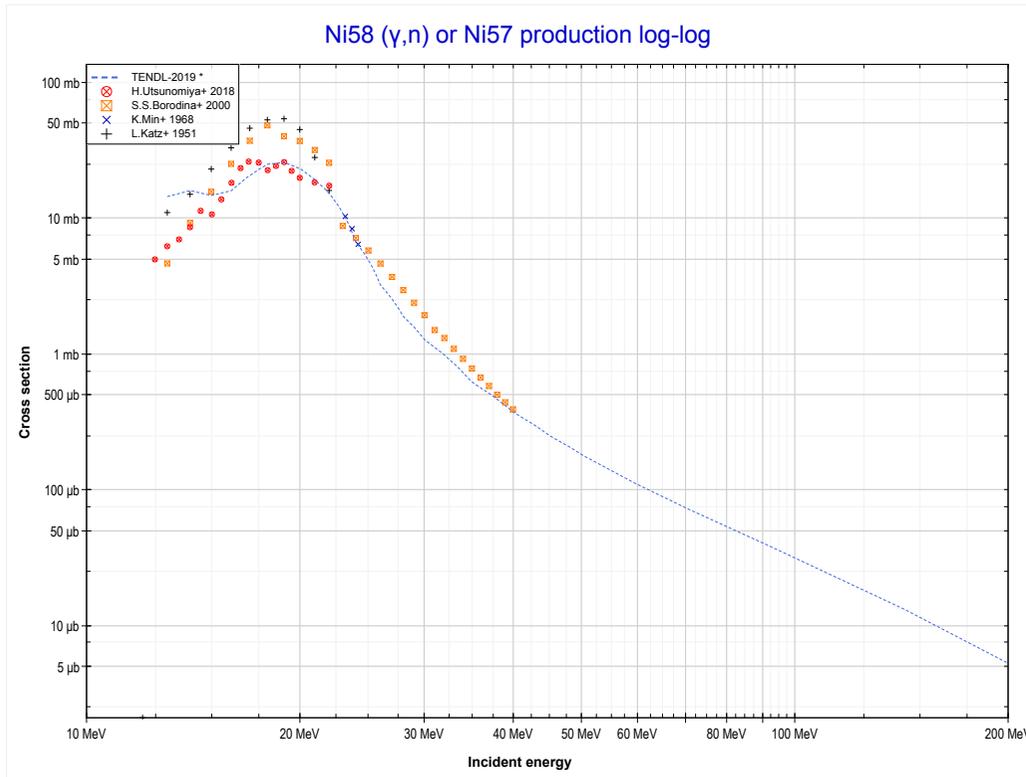
Reaction	Q-Value
Co59($\gamma,2n$)Co57	-19026.73 keV

<< 25-Mn-55	27-Co-59	40-Zr-94 >>
<< MT16 ($\gamma,2n$)	MT17 ($\gamma,3n$) or MT5 (Co56 production)	28-Ni-58 MT4 (γ,n) >>



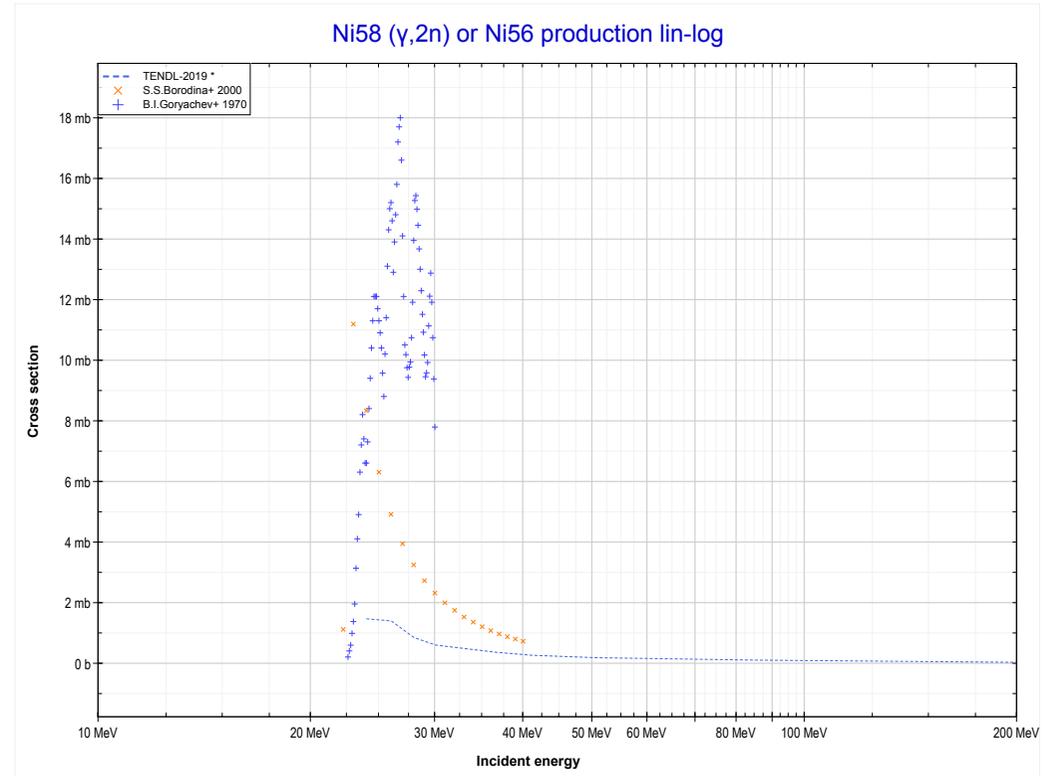
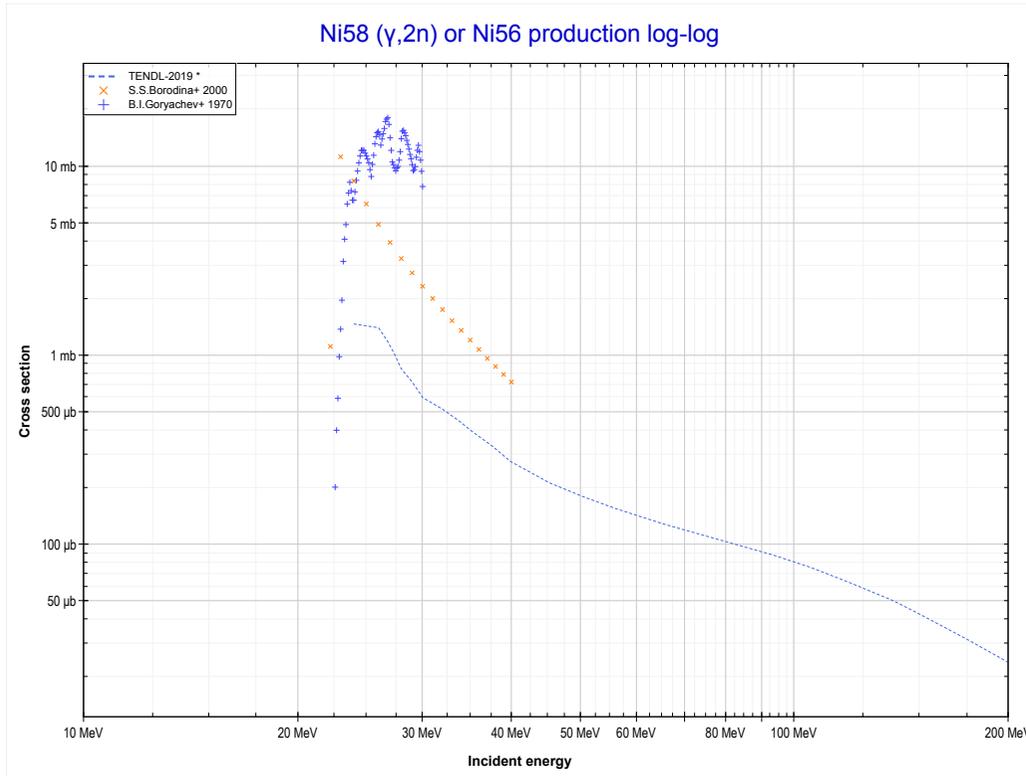
Reaction	Q-Value
Co59($\gamma,3n$)Co56	-30403.25 keV

<< 27-Co-59	28-Ni-58	28-Ni-60 >>
<< 27-Co-59 MT17 ($\gamma,3n$)	MT4 (γ,n) or MT5 (Ni57 production)	MT16 ($\gamma,2n$) >>



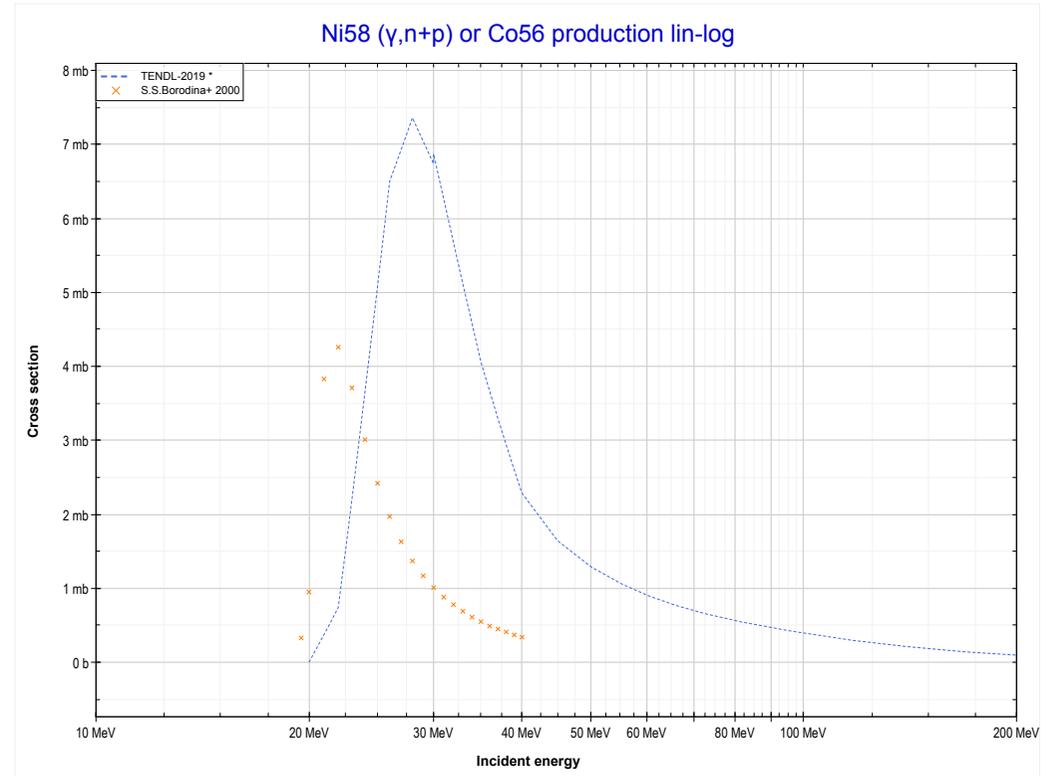
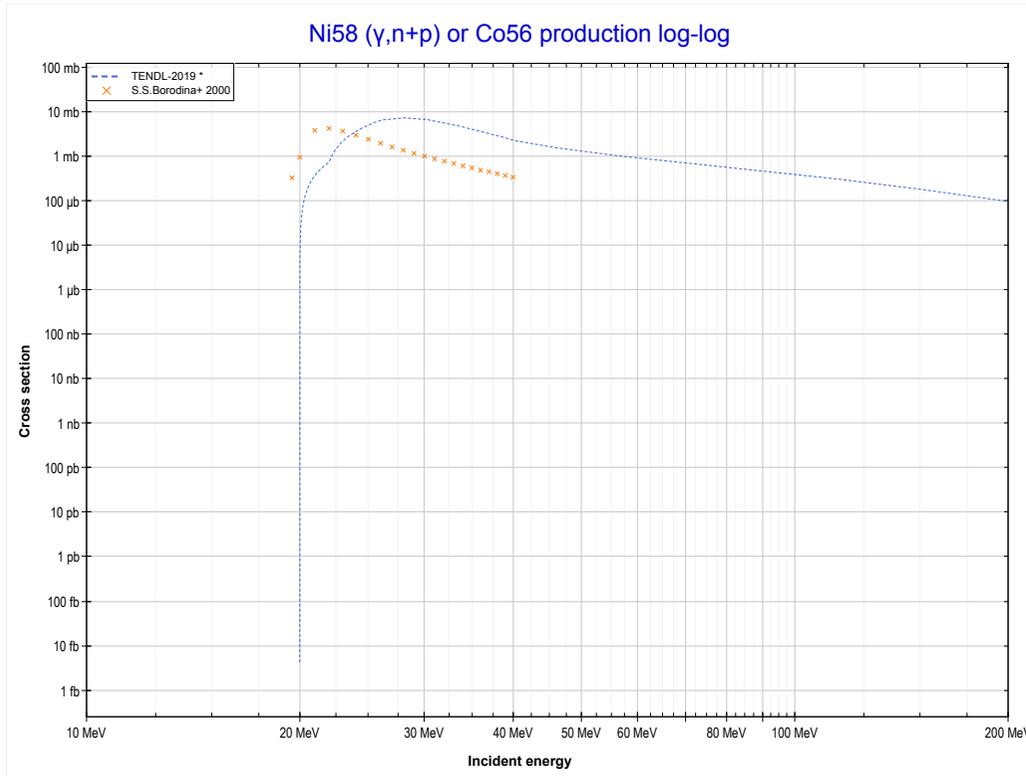
Reaction	Q-Value
Ni58(γ,n)Ni57	-12216.22 keV

<< 27-Co-59	28-Ni-58	28-Ni-60 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Ni56 production)	MT28 ($\gamma,n+p$) >>



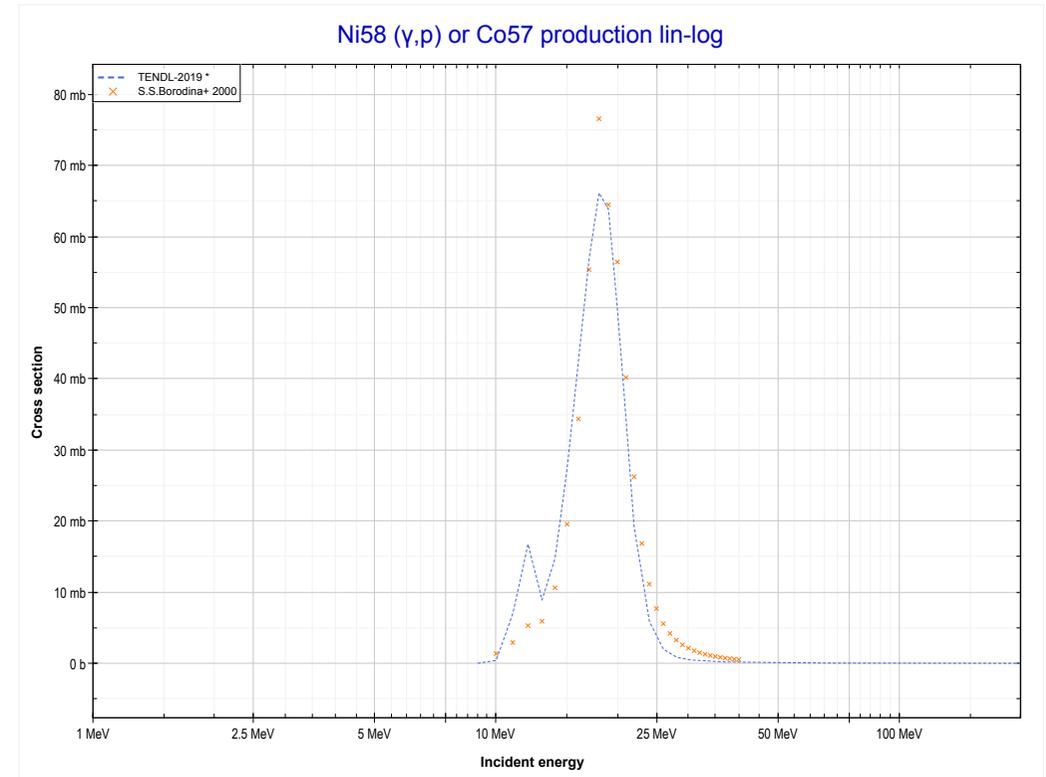
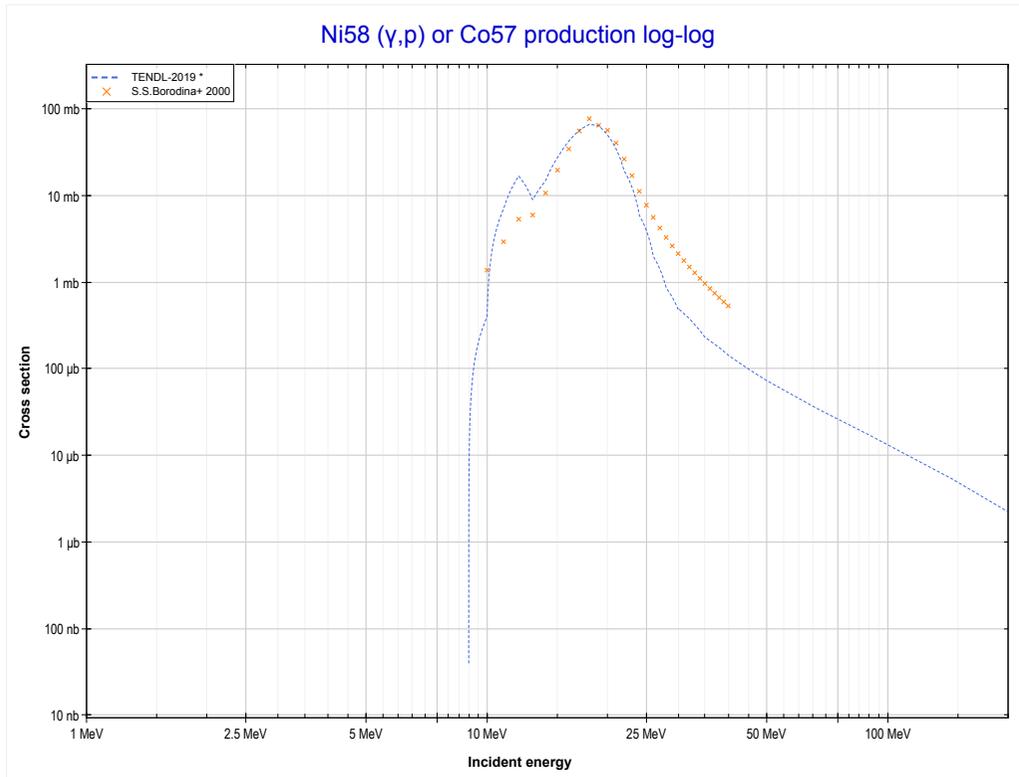
Reaction	Q-Value
Ni58($\gamma,2n$)Ni56	-22463.83 keV

<< 26-Fe-56	28-Ni-58	28-Ni-60 >>
<< MT16 ($\gamma,2n$)	MT28 ($\gamma,n+p$) or MT5 (Co56 production)	MT103 (γ,p) >>



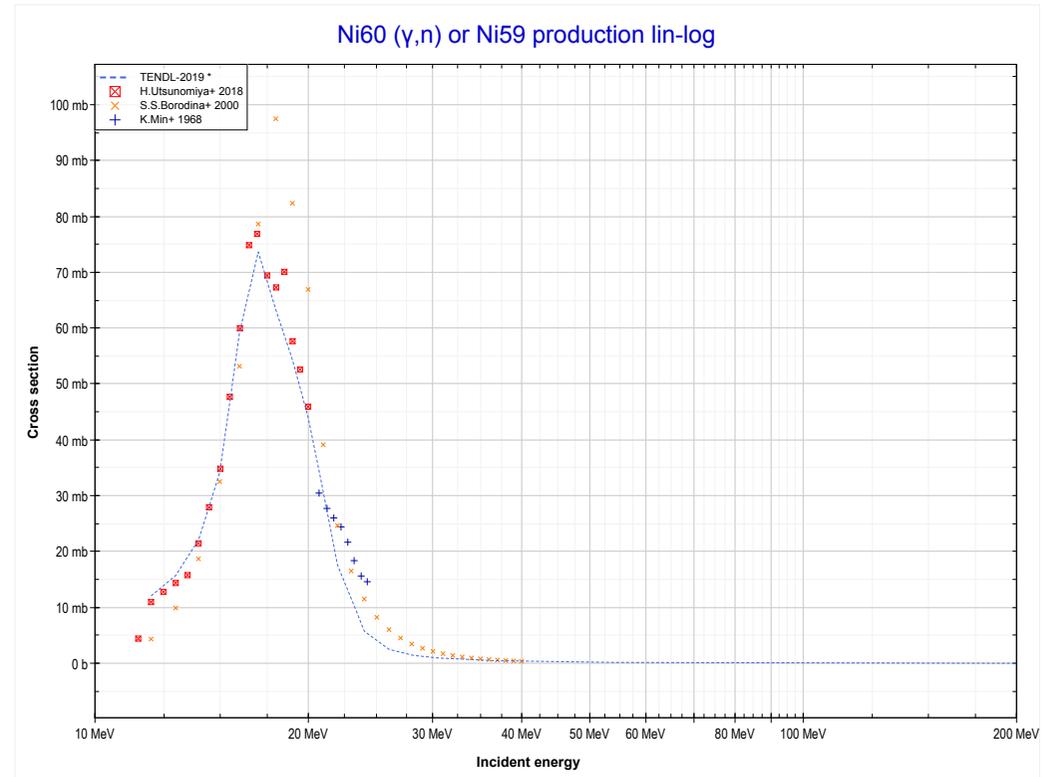
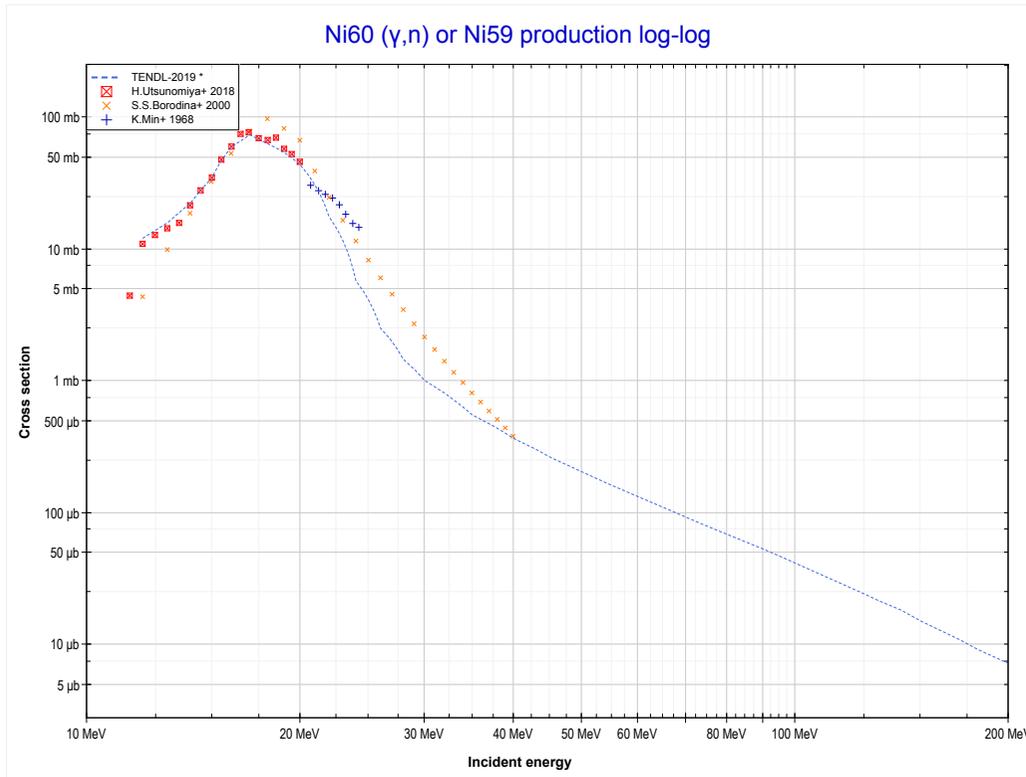
Reaction	Q-Value
Ni58(γ,d)Co56	-17324.02 keV
Ni58($\gamma,n+p$)Co56	-19548.59 keV

<< 26-Fe-56	28-Ni-58	28-Ni-60 >>
<< MT28 ($\gamma, n+p$)	MT103 (γ, p) or MT5 (Co57 production)	28-Ni-60 MT4 (γ, n) >>



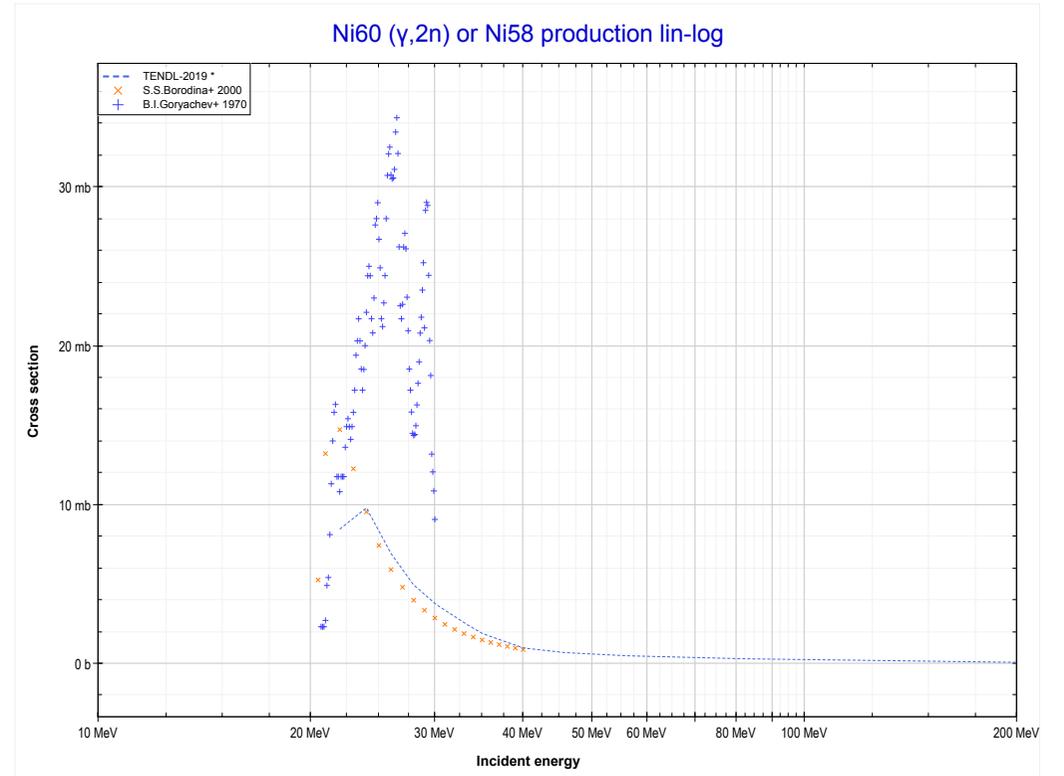
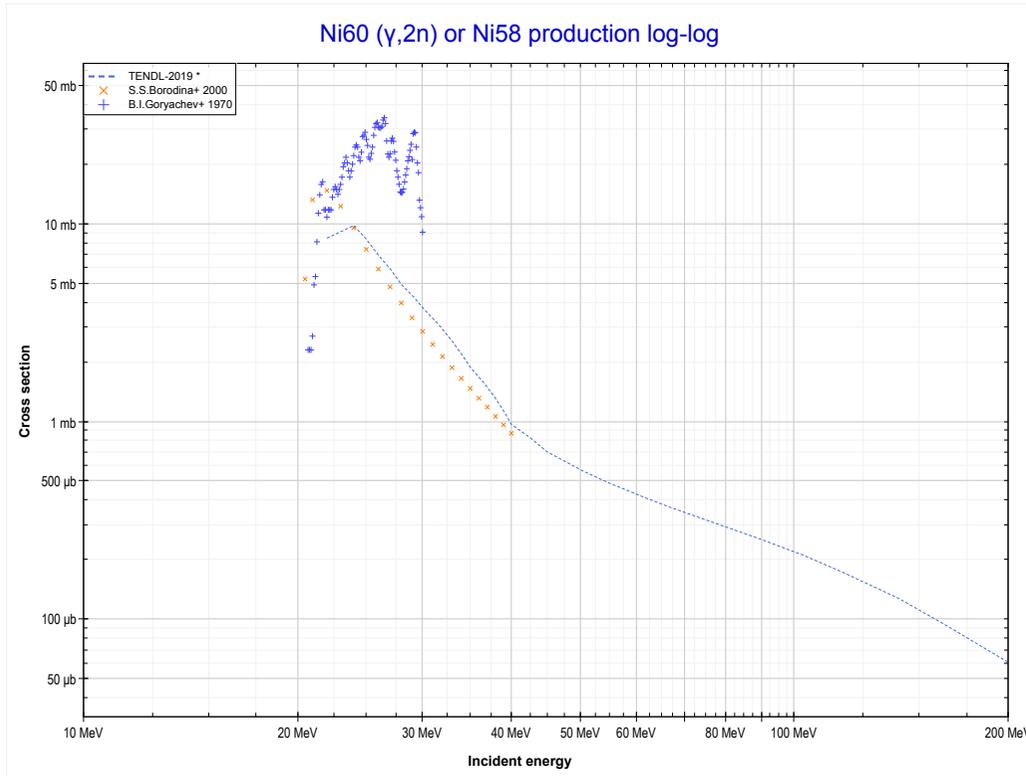
Reaction	Q-Value
Ni58(γ, p)Co57	-8172.07 keV

<< 28-Ni-58	28-Ni-60	28-Ni-61 >>
<< 28-Ni-58 MT103 (γ,p)	MT4 (γ,n) or MT5 (Ni59 production)	MT16 (γ,2n) >>



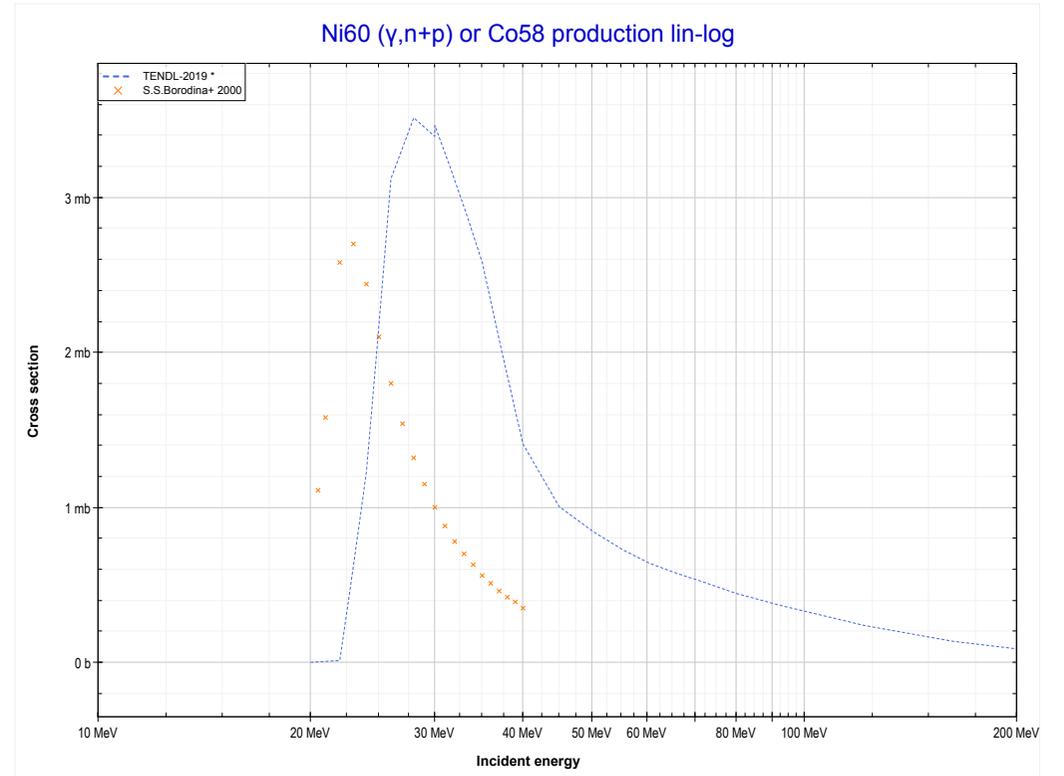
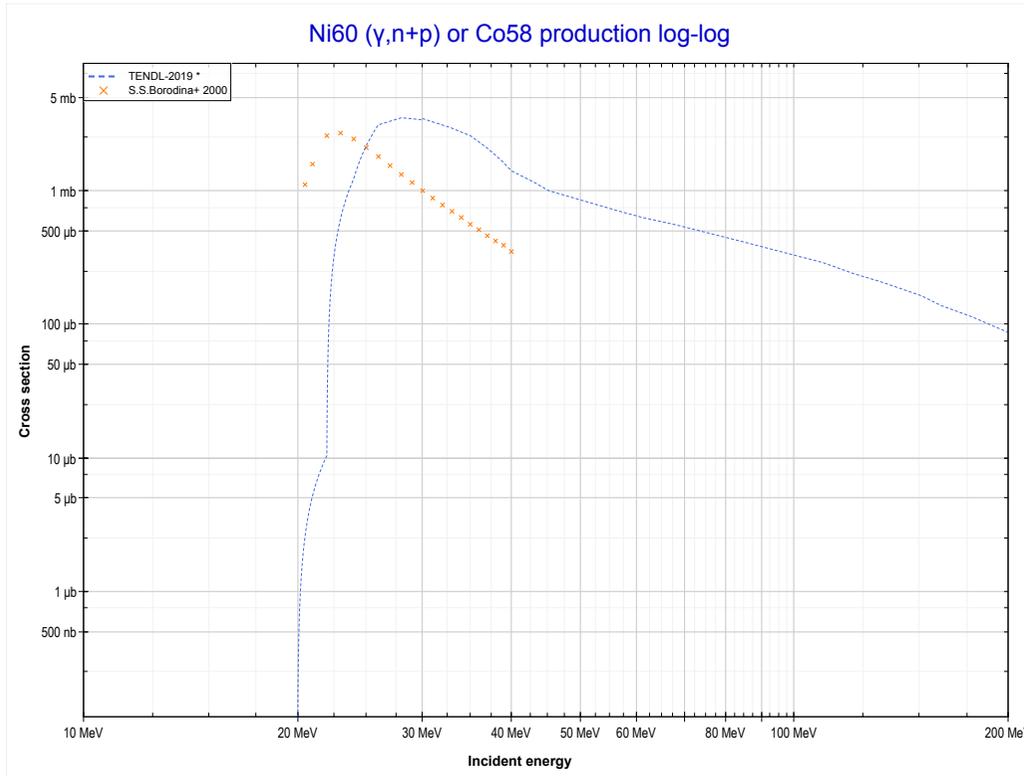
Reaction	Q-Value
Ni60(γ,n)Ni59	-11387.72 keV

<< 28-Ni-58	28-Ni-60	29-Cu-63 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Ni58 production)	MT28 ($\gamma,n+p$) >>



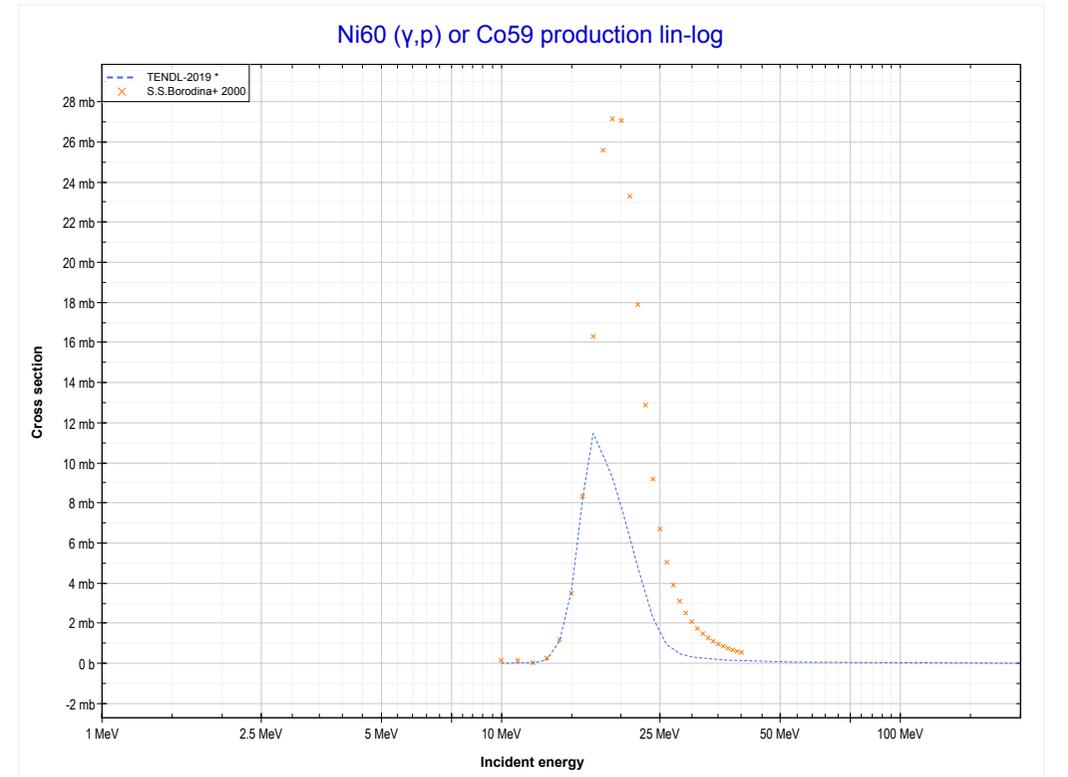
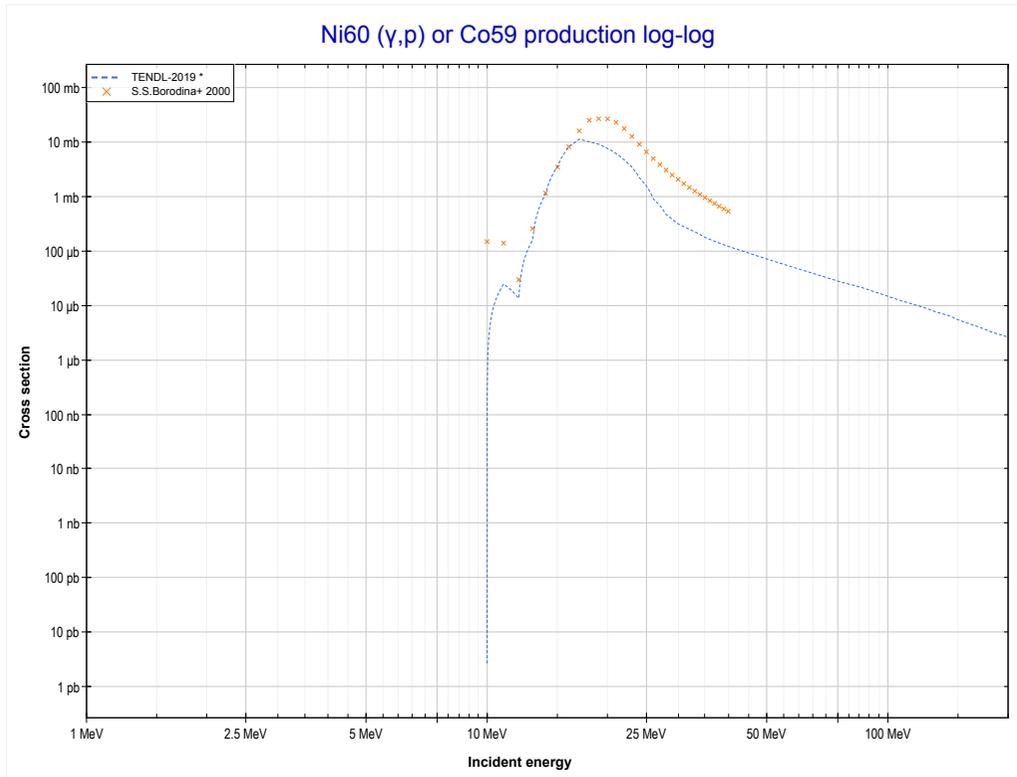
Reaction	Q-Value
Ni60($\gamma,2n$)Ni58	-20387.03 keV

<< 28-Ni-58	28-Ni-60	29-Cu-63 >>
<< MT16 ($\gamma,2n$)	MT28 ($\gamma,n+p$) or MT5 (Co58 production)	MT103 (γ,p) >>



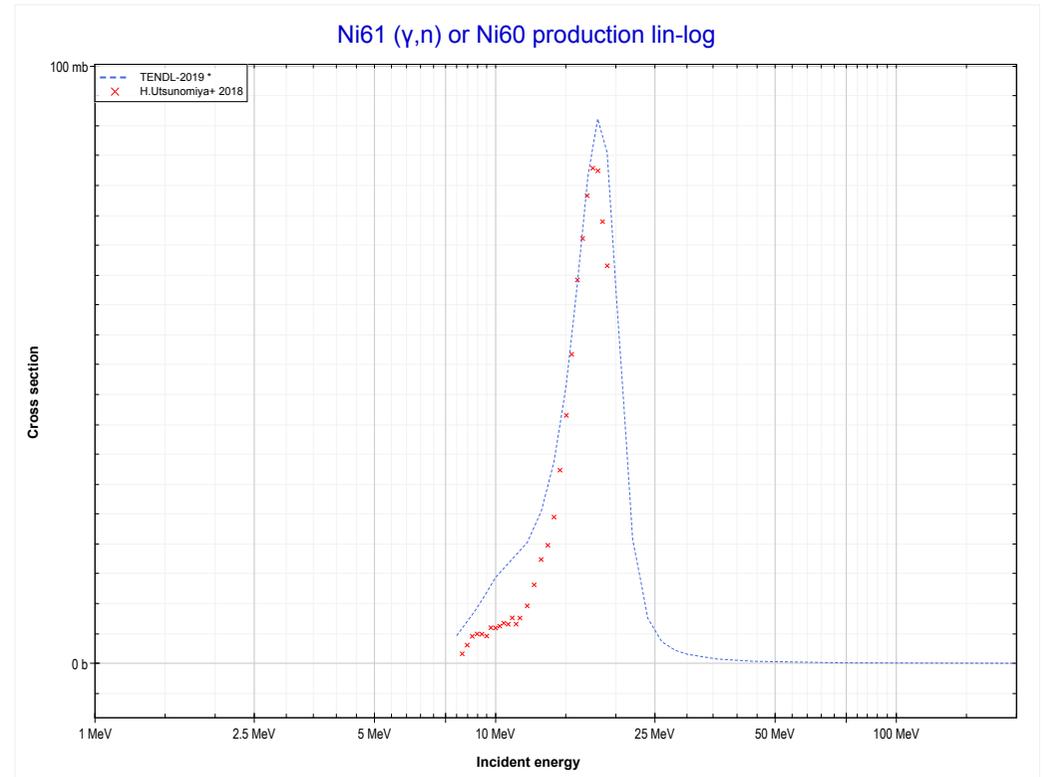
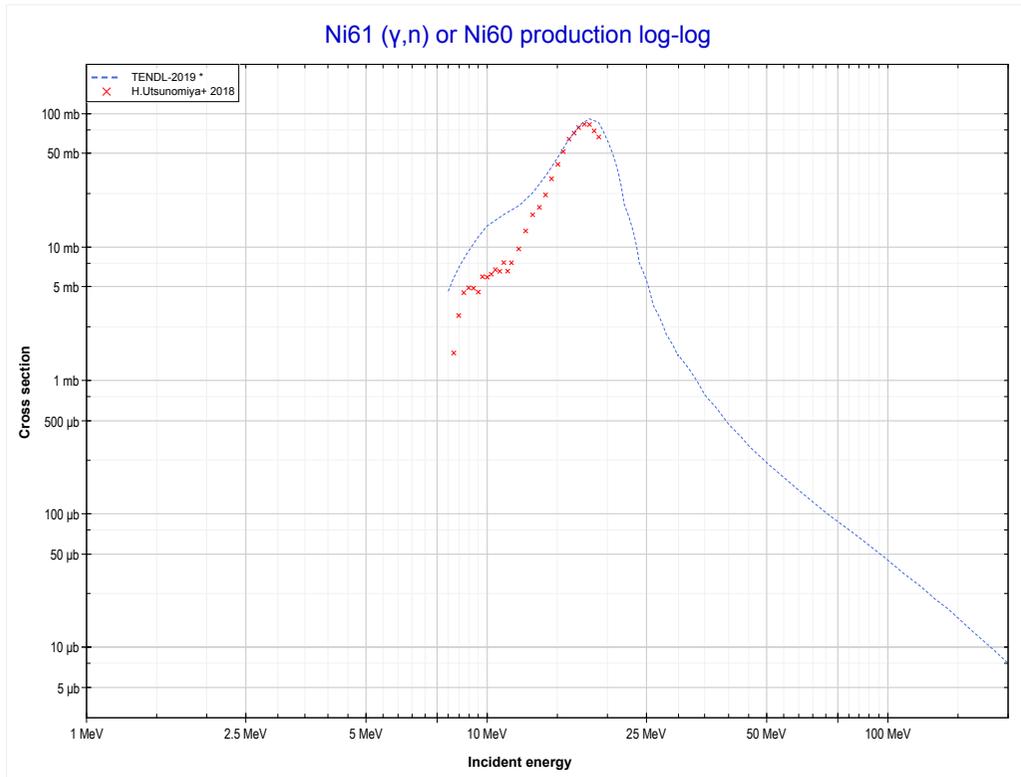
Reaction	Q-Value
Ni60(γ,d)Co58	-17761.62 keV
Ni60($\gamma,n+p$)Co58	-19986.19 keV

<< 28-Ni-58	28-Ni-60	29-Cu-63 >>
<< MT28 ($\gamma, n+p$)	MT103 (γ, p) or MT5 (Co59 production)	28-Ni-61 MT4 (γ, n) >>



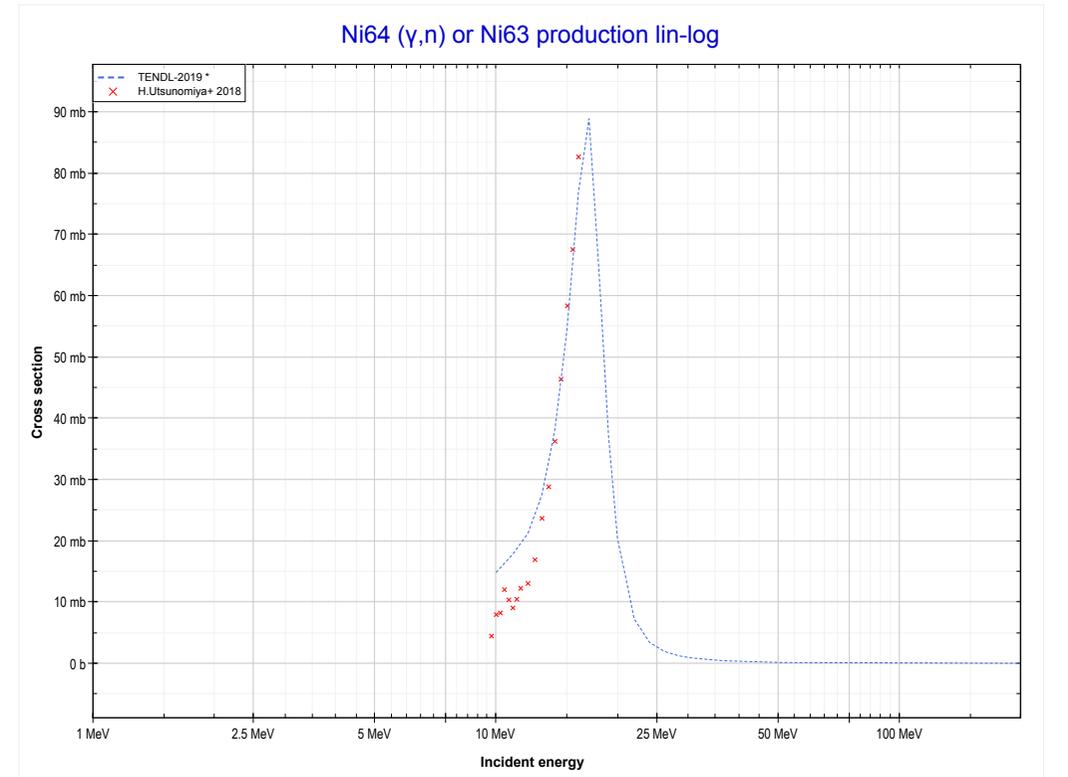
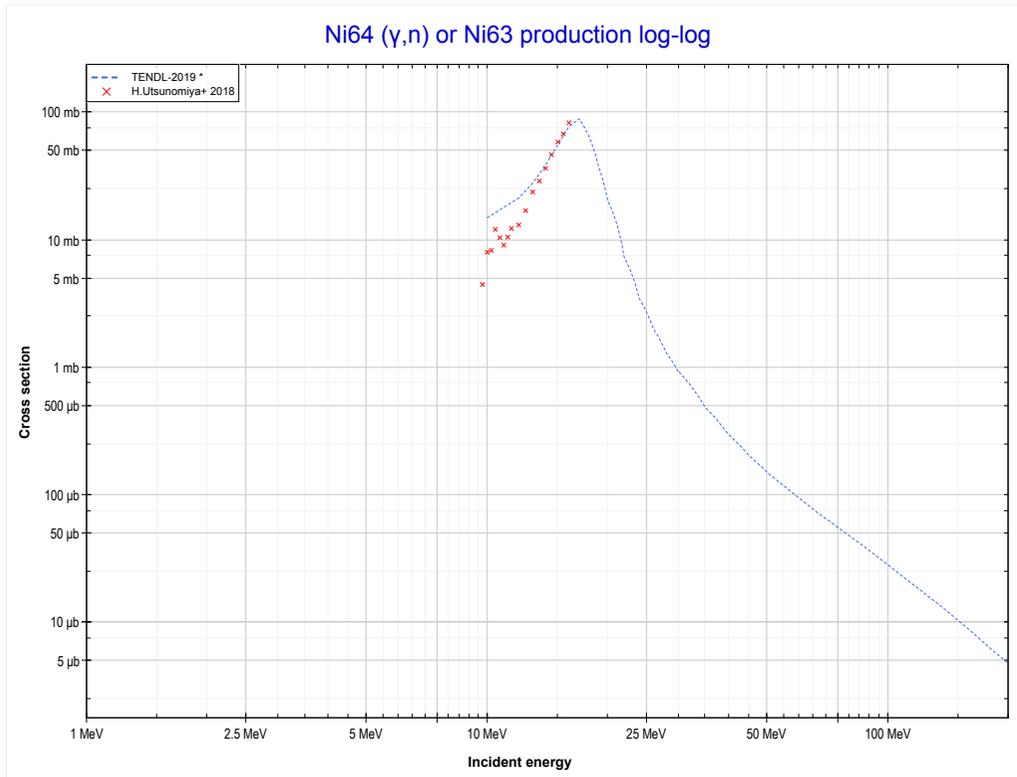
Reaction	Q-Value
Ni60(γ, p)Co59	-9532.37 keV

<< 28-Ni-60	28-Ni-61	28-Ni-64 >>
<< 28-Ni-60 MT103 (γ,p)	MT4 (γ,n) or MT5 (Ni60 production)	28-Ni-64 MT4 (γ,n) >>



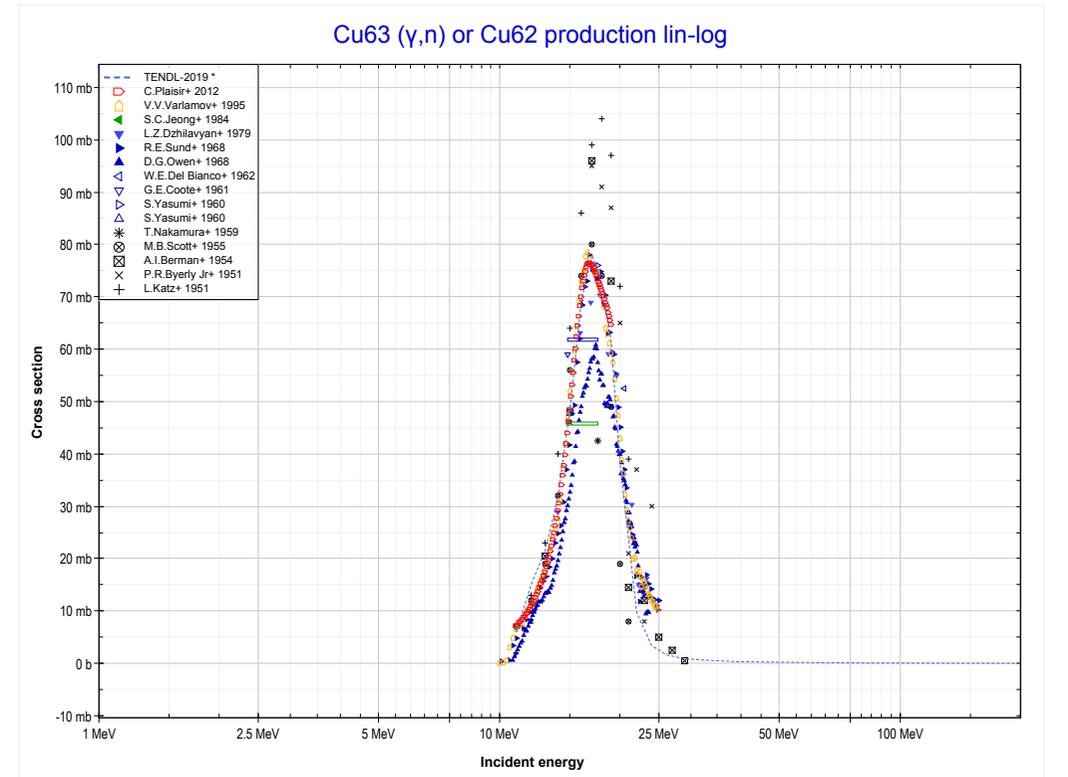
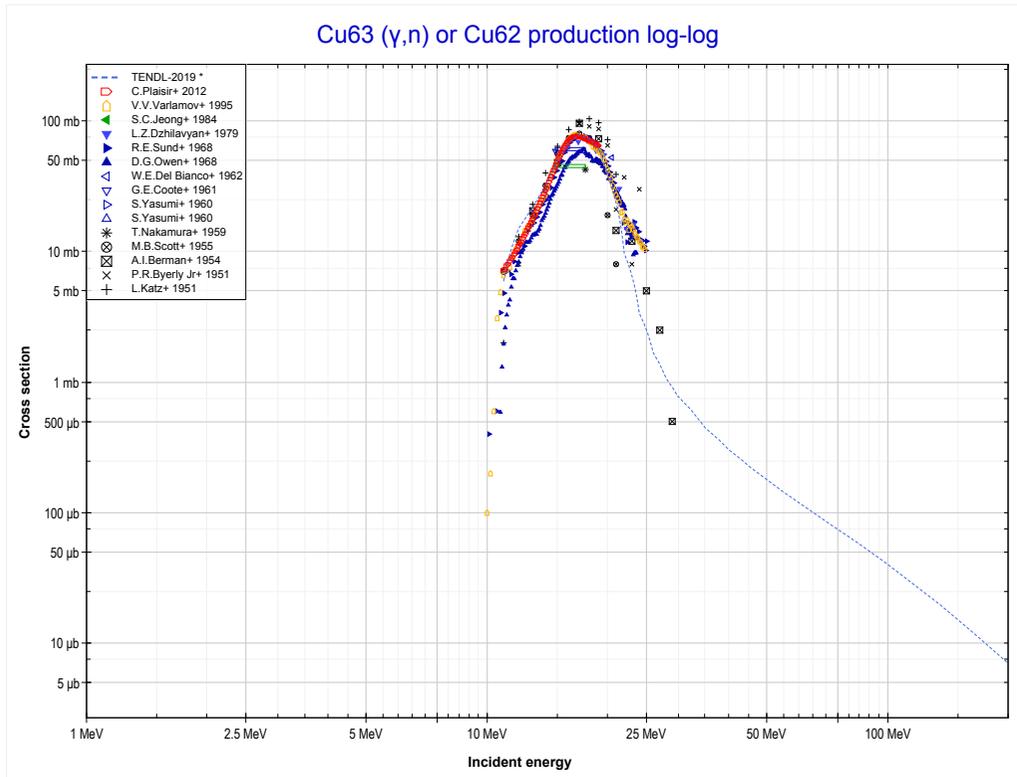
Reaction	Q-Value
Ni61(γ,n)Ni60	-7820.12 keV

<< 28-Ni-61	28-Ni-64	29-Cu-63 >>
<< 28-Ni-61 MT4 (γ,n)	MT4 (γ,n) or MT5 (Ni63 production)	29-Cu-63 MT4 (γ,n) >>



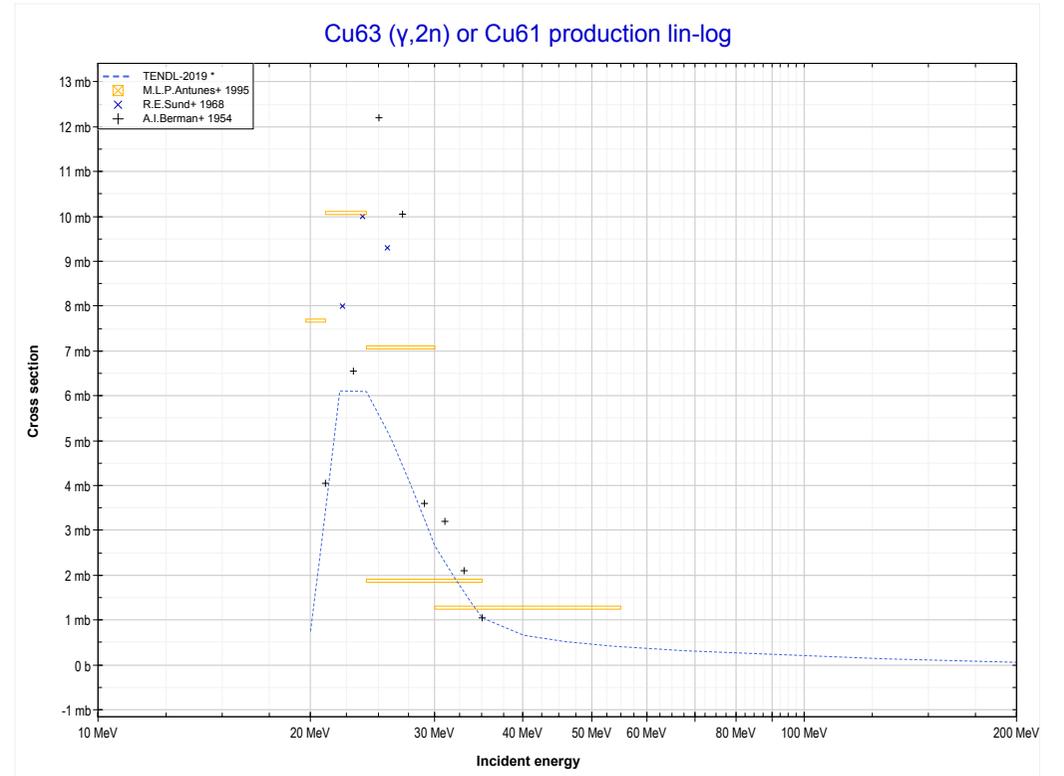
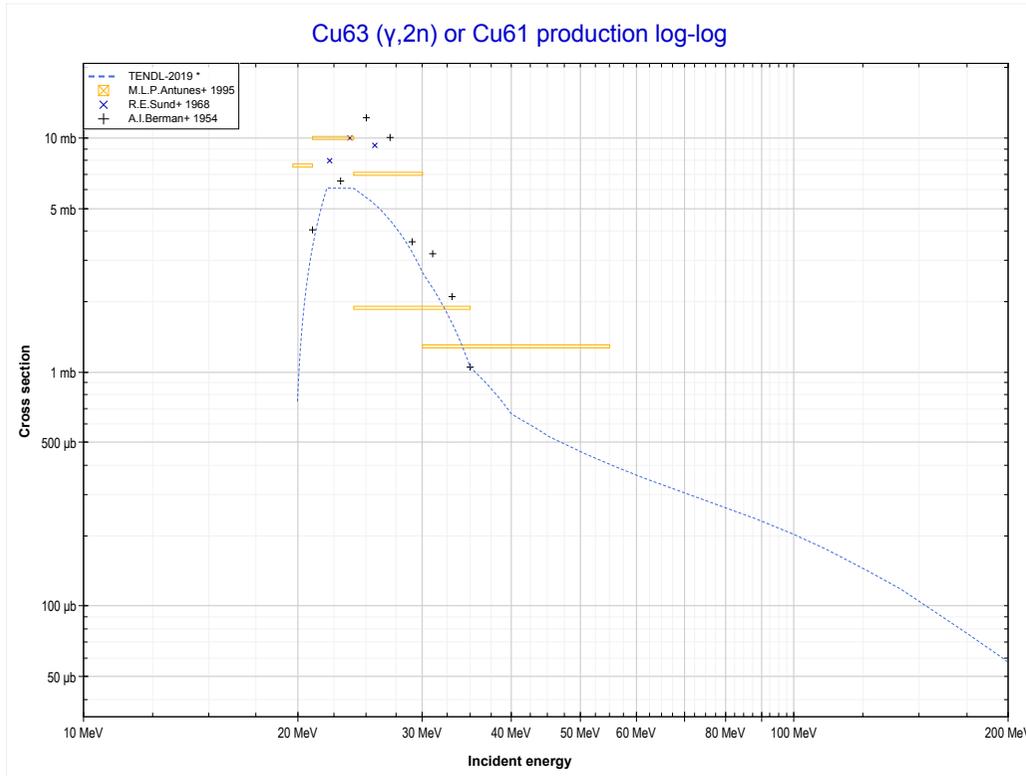
Reaction	Q-Value
Ni64(γ,n)Ni63	-9657.42 keV

<< 28-Ni-64	29-Cu-63	29-Cu-65 >>
<< 28-Ni-64 MT4 (γ,n)	MT4 (γ,n) or MT5 (Cu62 production)	MT16 (γ,2n) >>



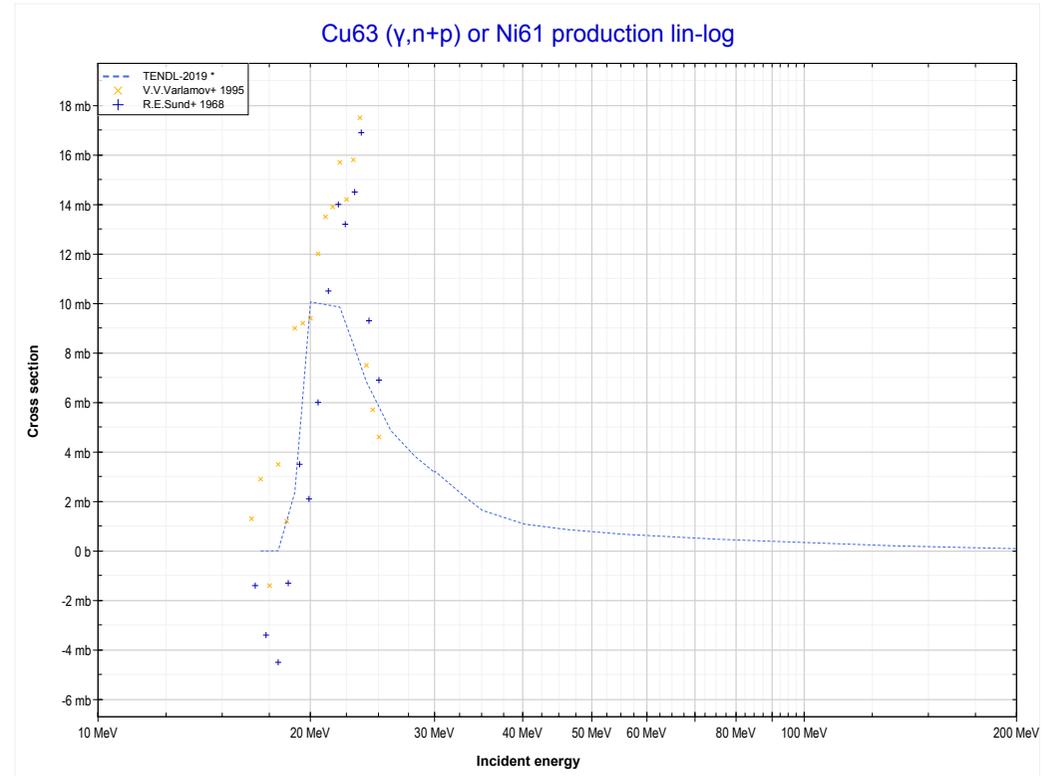
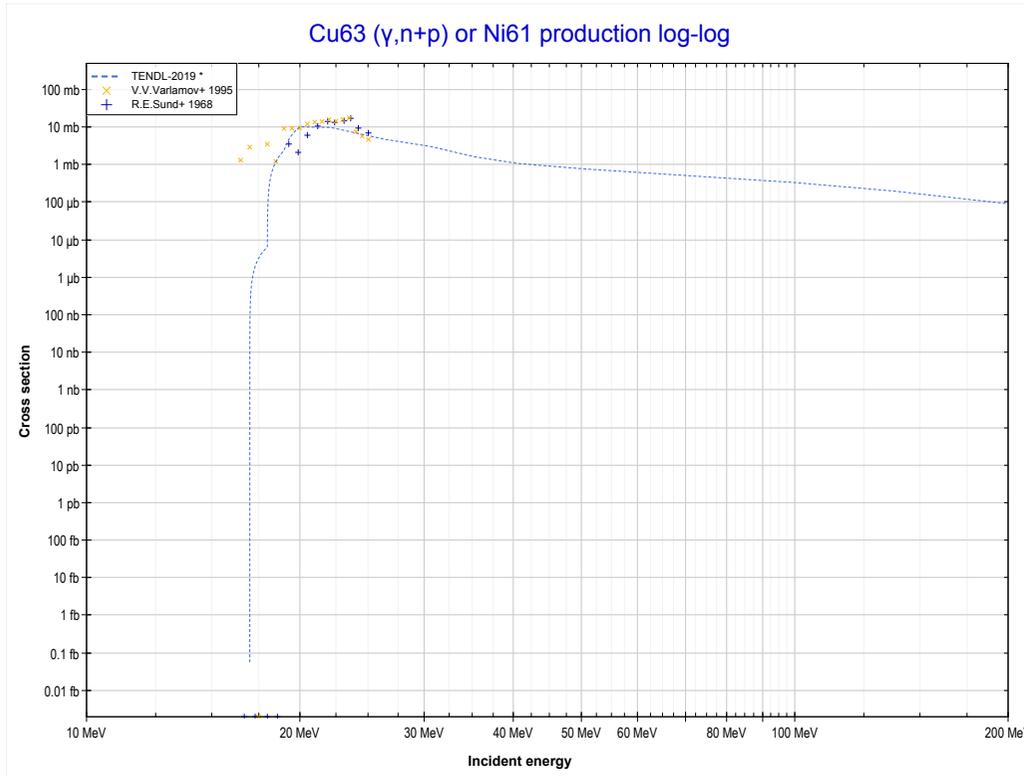
Reaction	Q-Value
Cu63(γ,n)Cu62	-10863.72 keV

<< 28-Ni-60	29-Cu-63	32-Ge-70 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Cu61 production)	MT28 ($\gamma,n+p$) >>



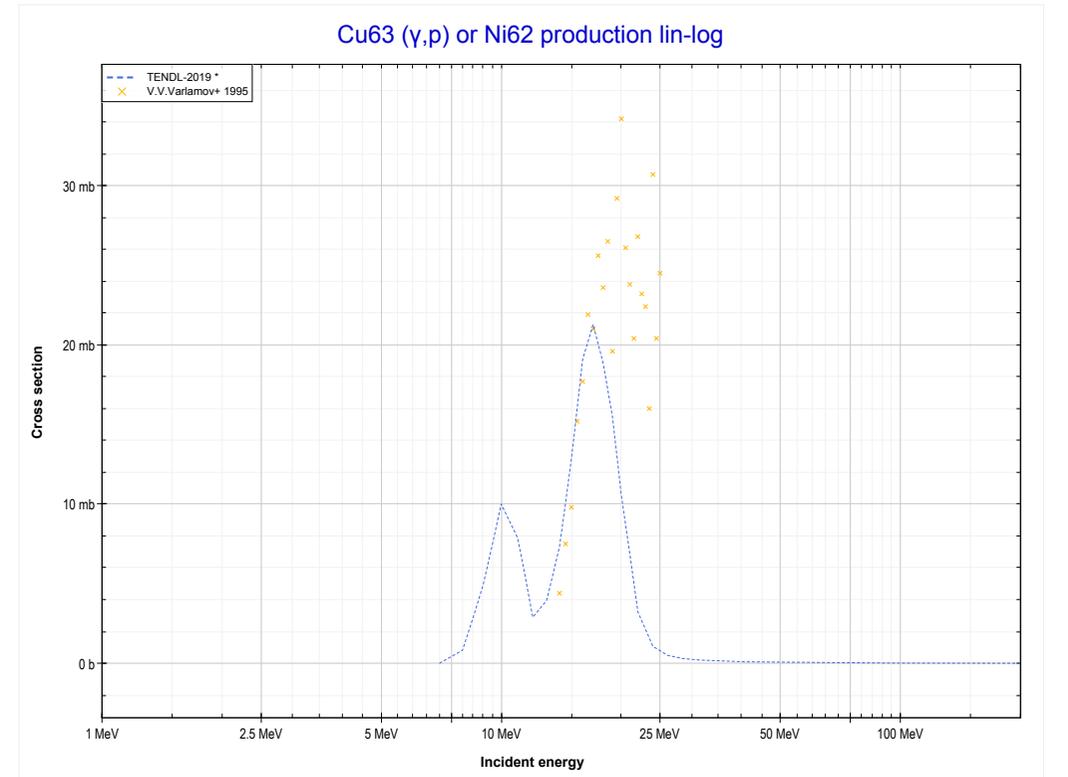
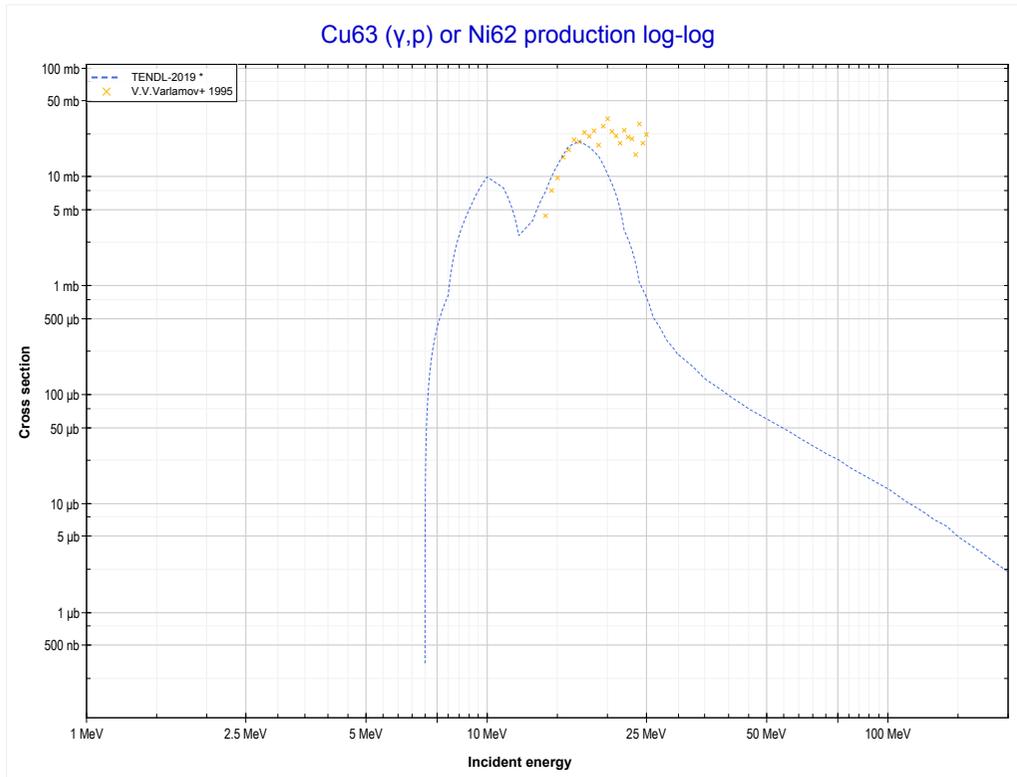
Reaction	Q-Value
Cu63($\gamma,2n$)Cu61	-19738.33 keV

<< 28-Ni-60	29-Cu-63	29-Cu-65 >>
<< MT16 ($\gamma,2n$)	MT28 ($\gamma,n+p$) or MT5 (Ni61 production)	MT103 (γ,p) >>



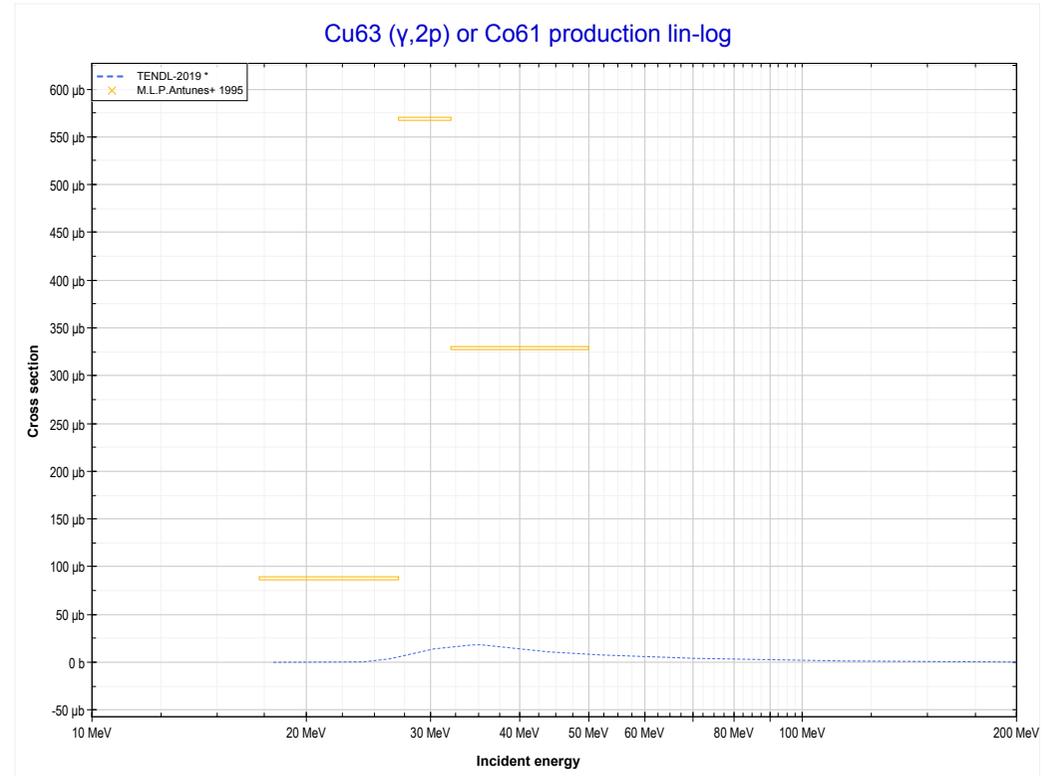
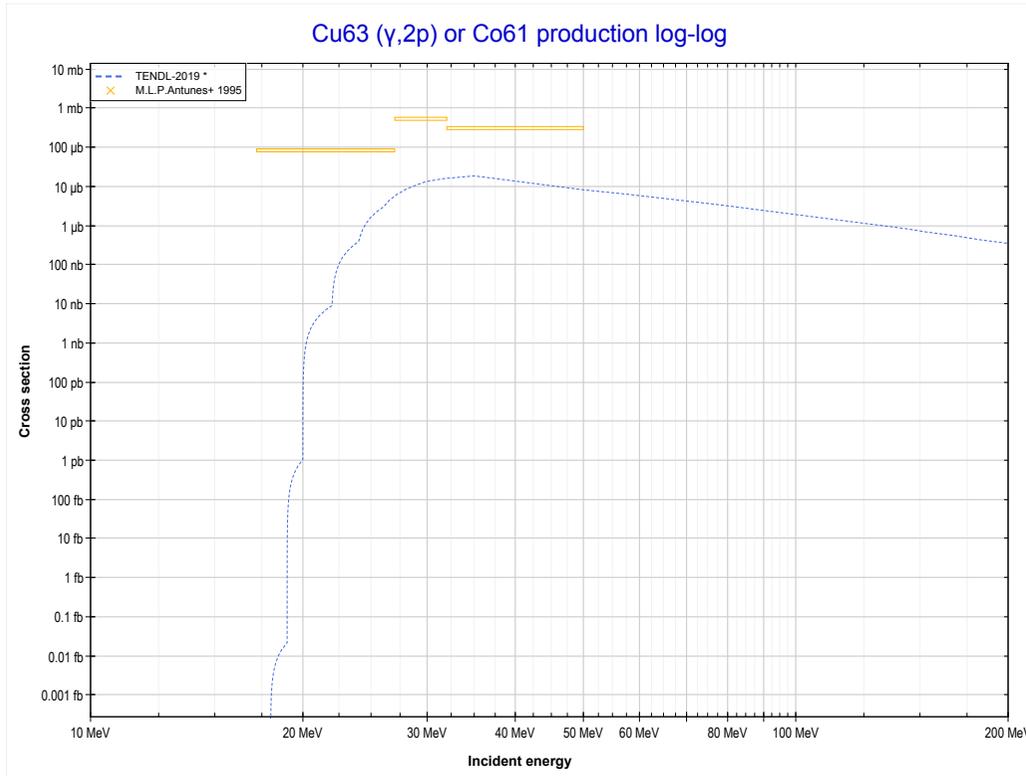
Reaction	Q-Value
Cu63(γ,d)Ni61	-14493.62 keV
Cu63($\gamma,n+p$)Ni61	-16718.19 keV

<< 28-Ni-60	29-Cu-63	29-Cu-65 >>
<< MT28 ($\gamma, n+p$)	MT103 (γ, p) or MT5 (Ni62 production)	MT111 ($\gamma, 2p$) >>



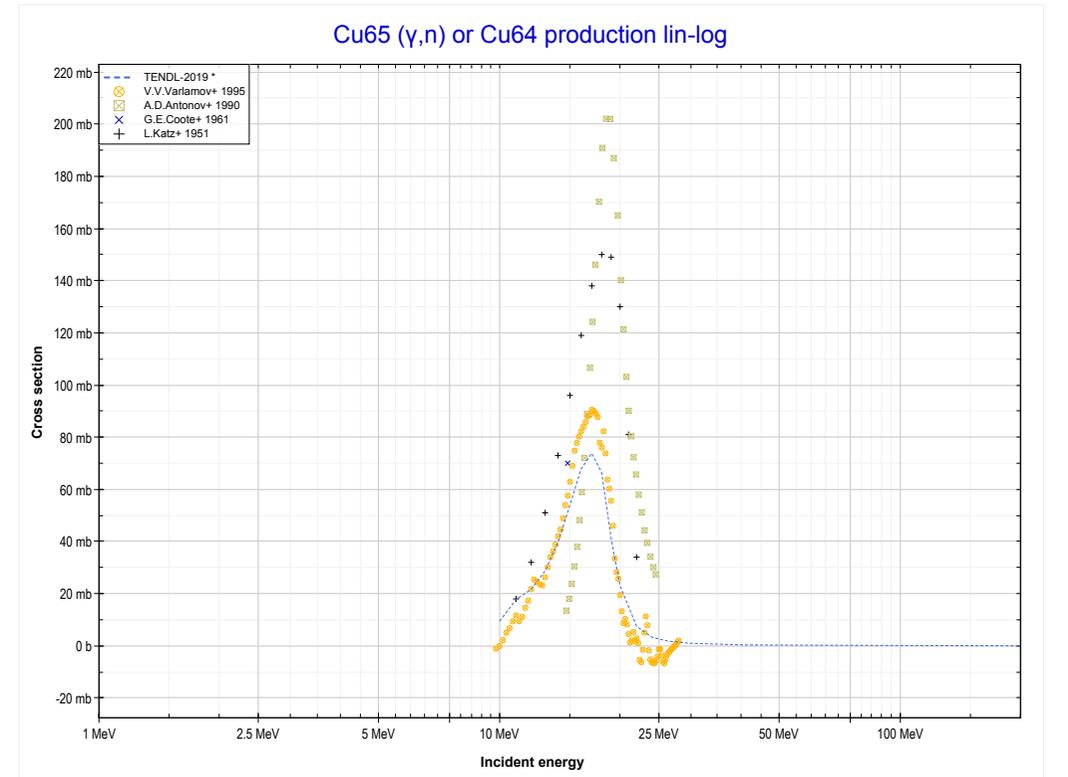
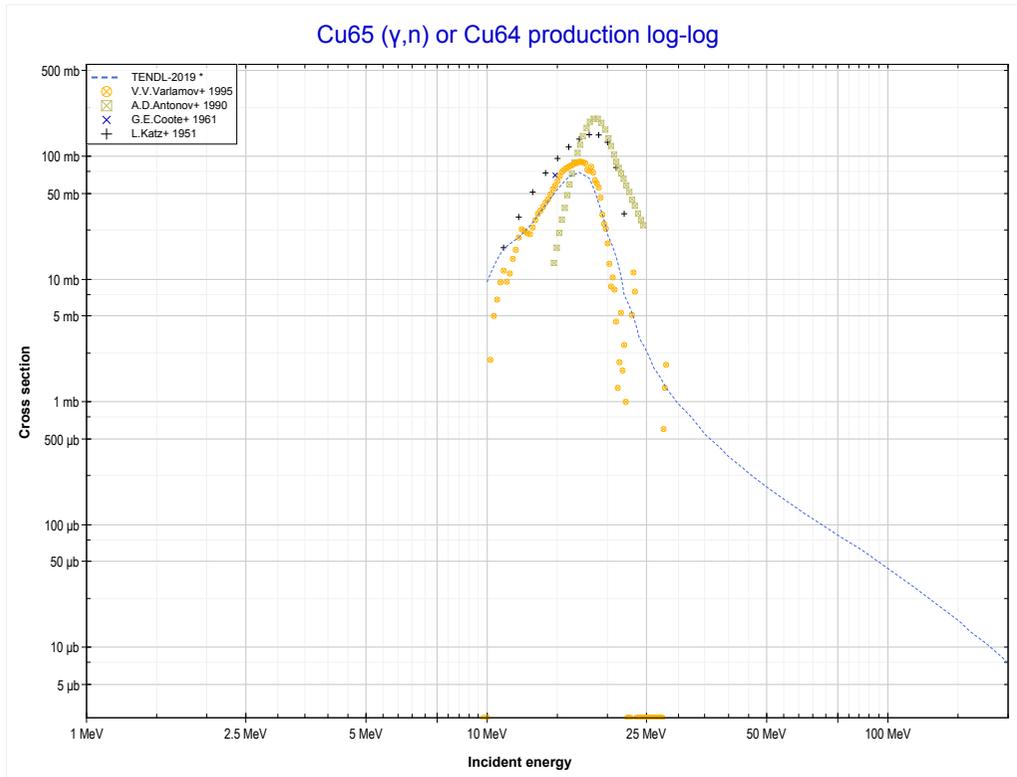
Reaction	Q-Value
Cu63(γ, p)Ni62	-6122.47 keV

29-Cu-63		
<< MT103 (γ,p)	MT111 ($\gamma,2p$) or MT5 (Co61 production)	29-Cu-65 MT4 (γ,n) >>



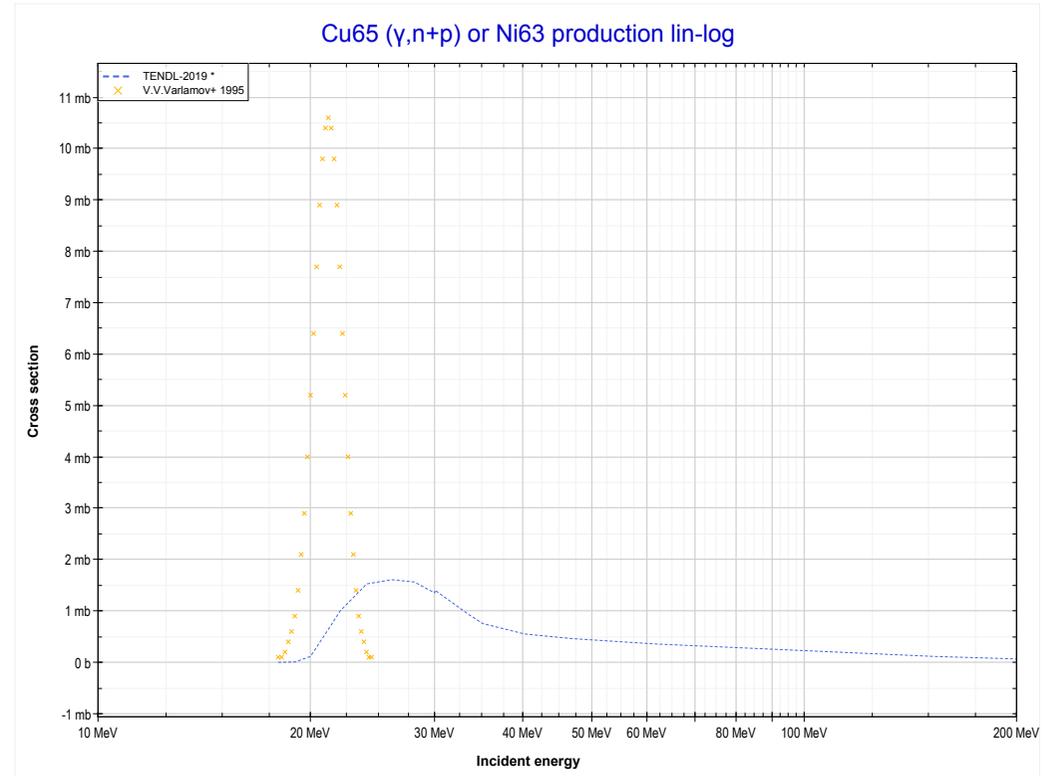
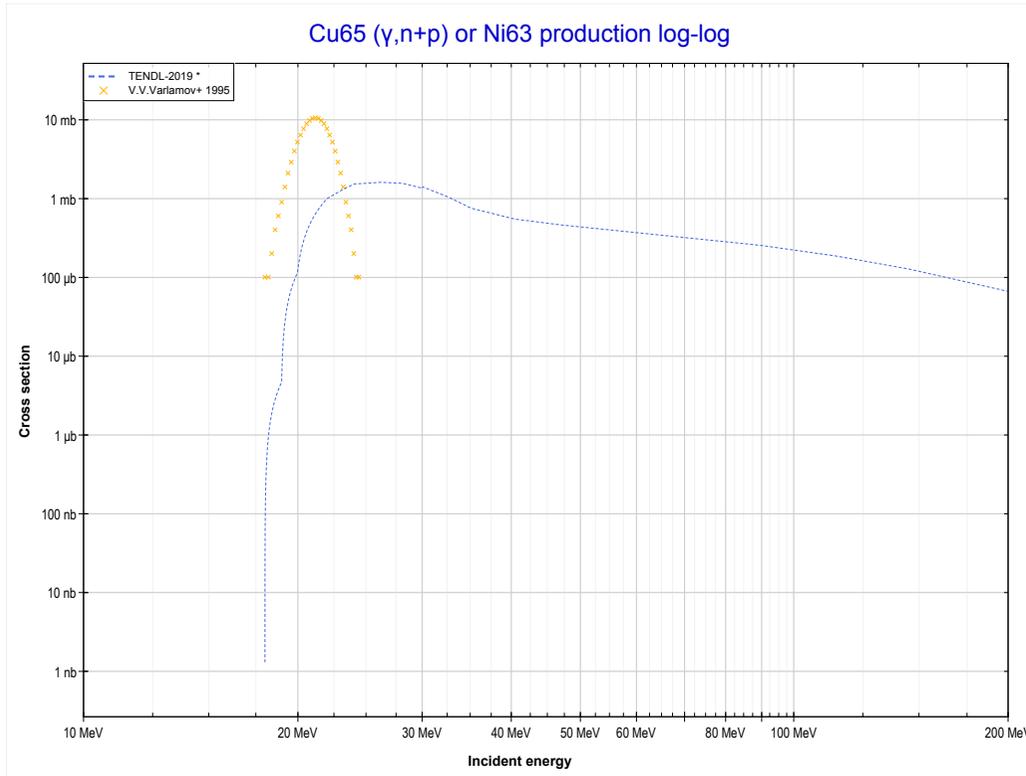
Reaction	Q-Value
Cu63($\gamma,2p$)Co61	-17259.64 keV

<< 29-Cu-63	29-Cu-65	30-Zn-64 >>
<< 29-Cu-63 MT111 ($\gamma,2p$)	MT4 (γ,n) or MT5 (Cu64 production)	MT28 ($\gamma,n+p$) >>



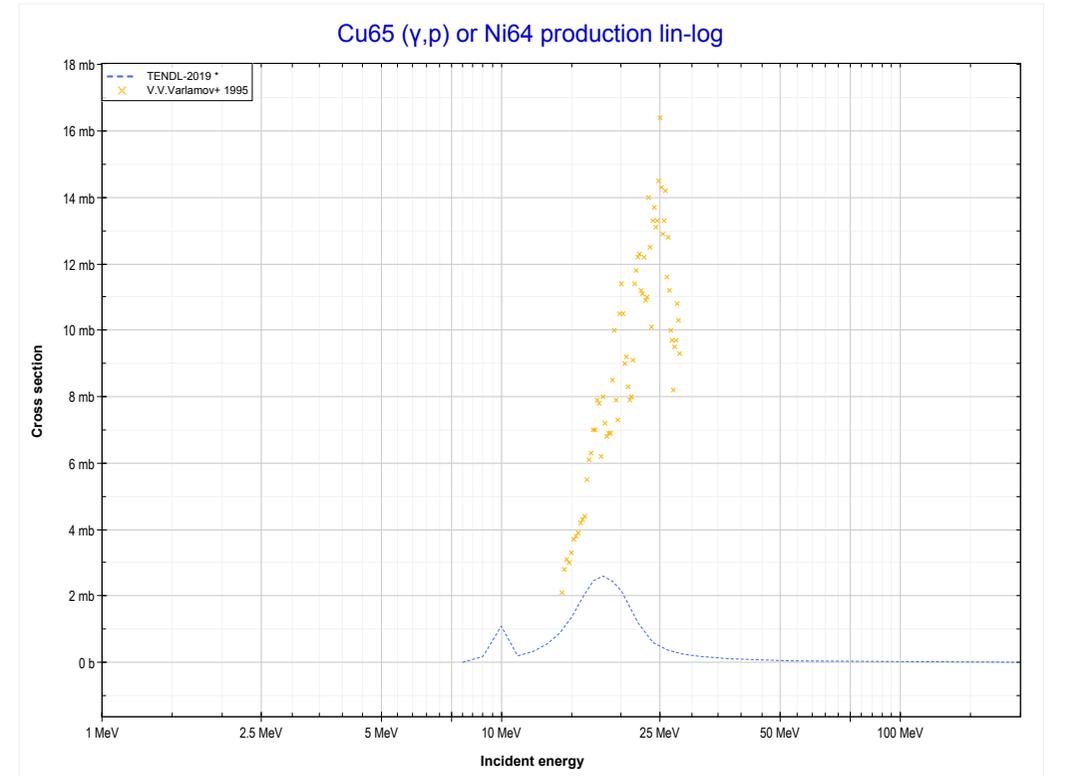
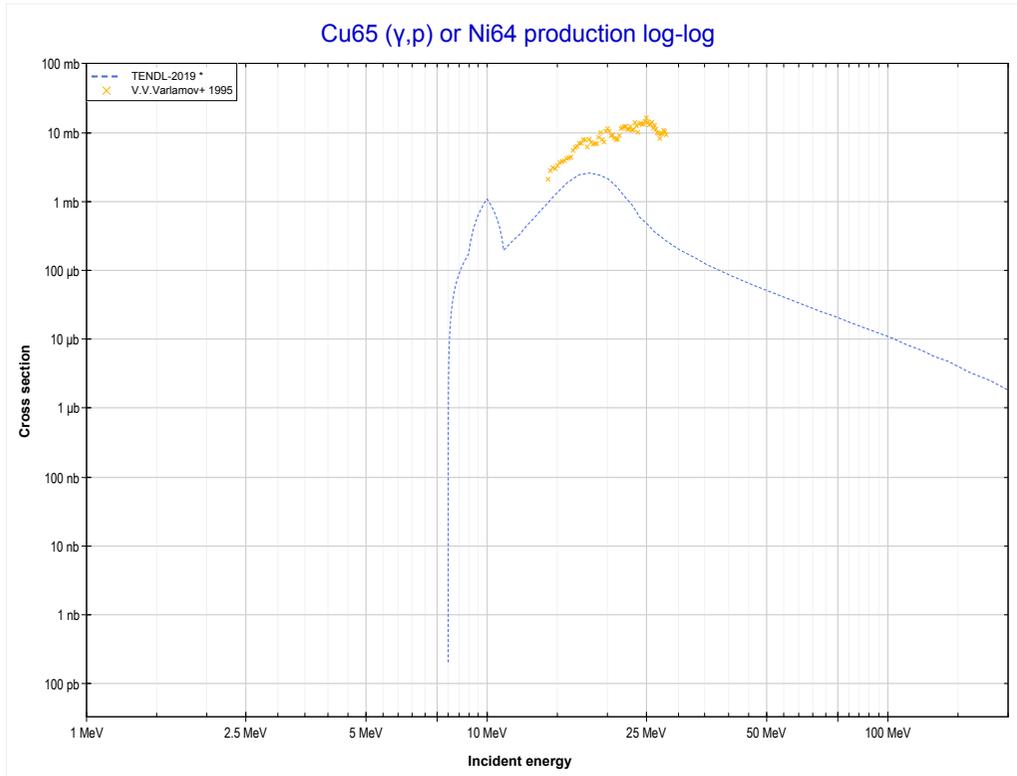
Reaction	Q-Value
Cu65(γ,n)Cu64	-9910.52 keV

<< 29-Cu-63	29-Cu-65	30-Zn-64 >>
<< MT4 (γ,n)	MT28 ($\gamma,n+p$) or MT5 (Ni63 production)	MT103 (γ,p) >>



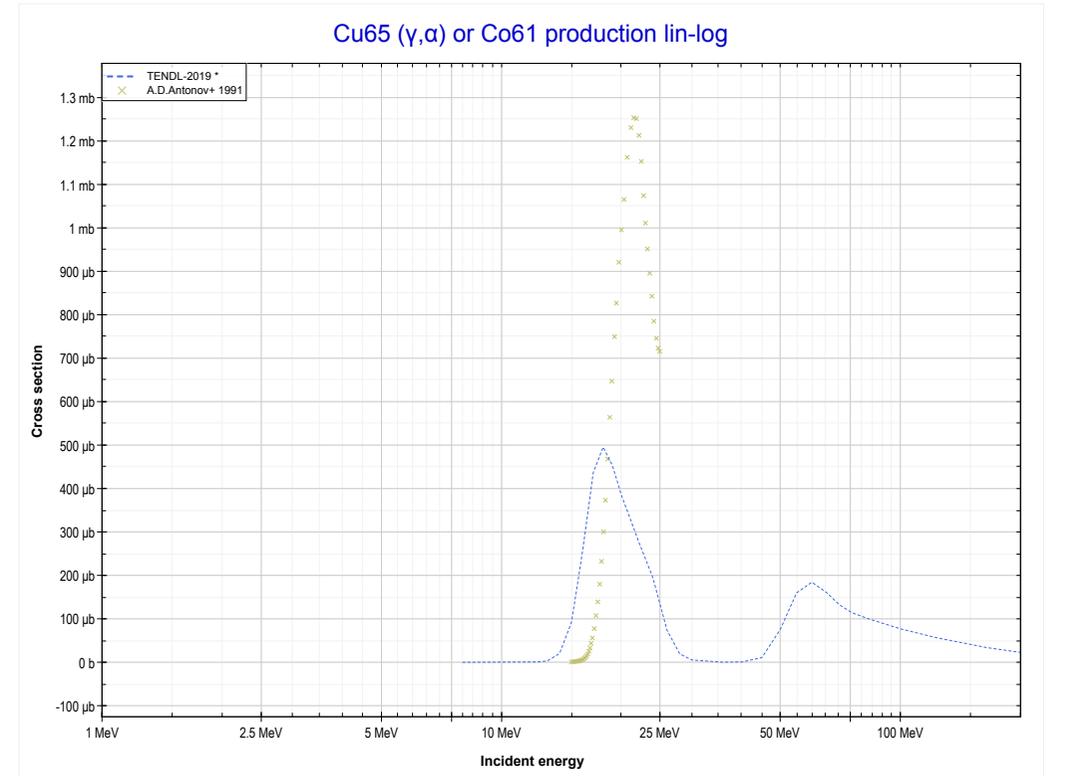
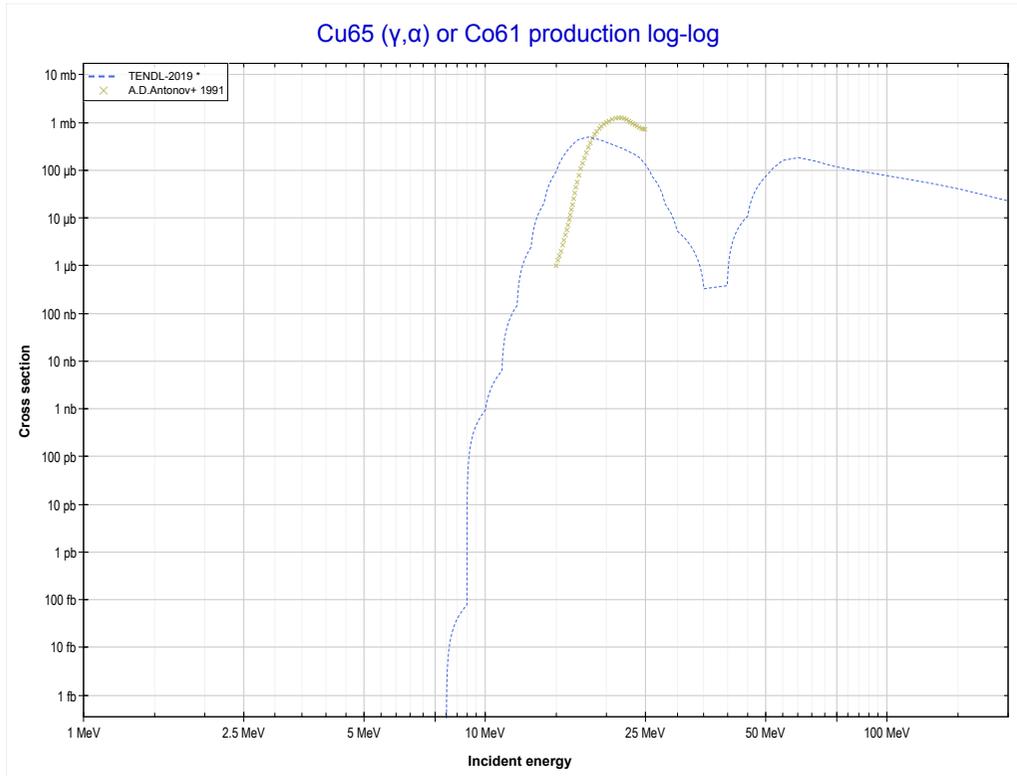
Reaction	Q-Value
Cu65(γ,d)Ni63	-14886.62 keV
Cu65($\gamma,n+p$)Ni63	-17111.19 keV

<< 29-Cu-63	29-Cu-65	30-Zn-67 >>
<< MT28 ($\gamma, n+p$)	MT103 (γ, p) or MT5 (Ni64 production)	MT107 (γ, α) >>



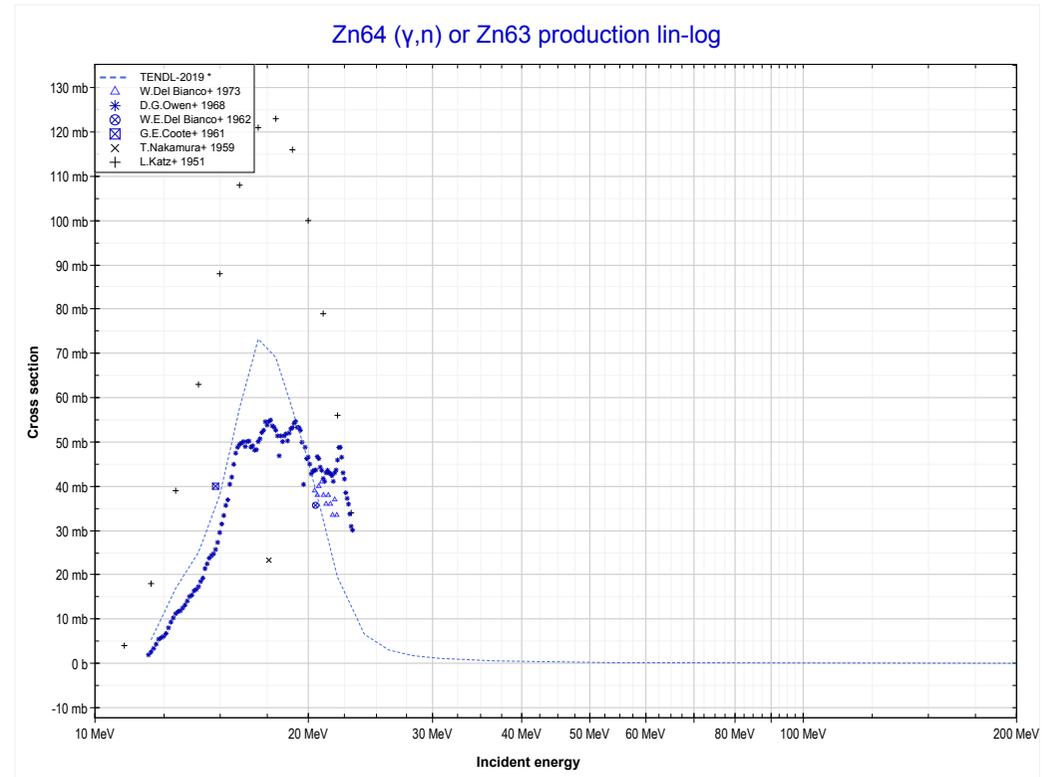
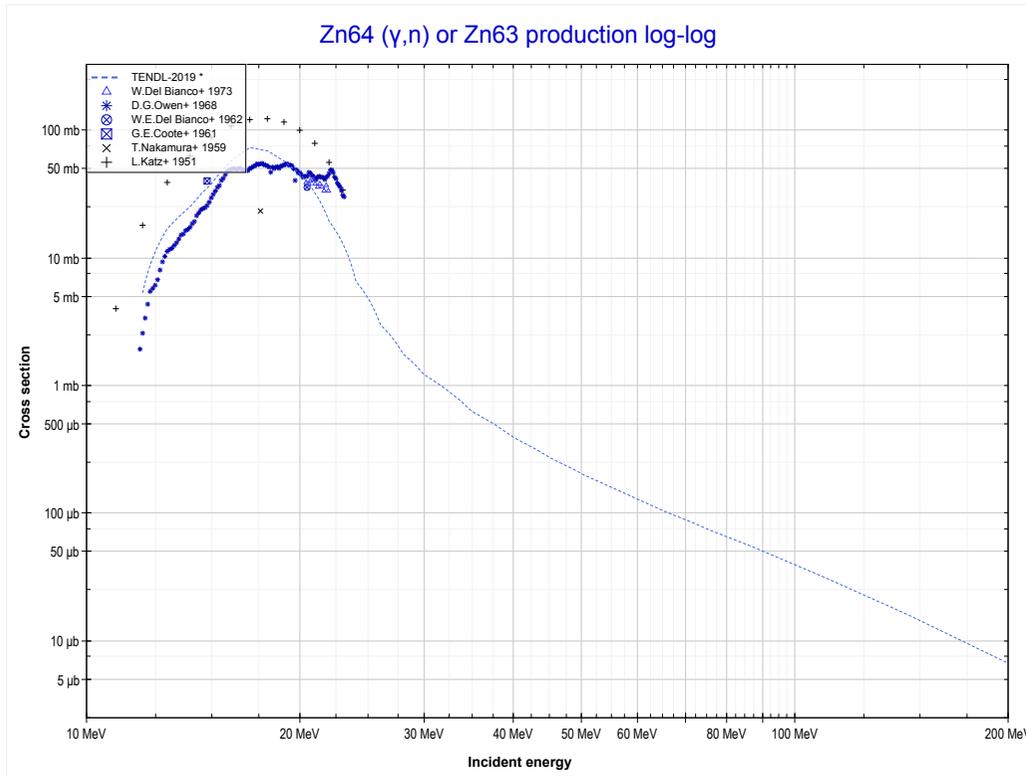
Reaction	Q-Value
Cu65(γ, p)Ni64	-7453.77 keV

<< 23-V-51	29-Cu-65	32-Ge-76 >>
<< MT103 (γ, p)	MT107 (γ, α) or MT5 (Co61 production)	30-Zn-64 MT4 (γ, n) >>



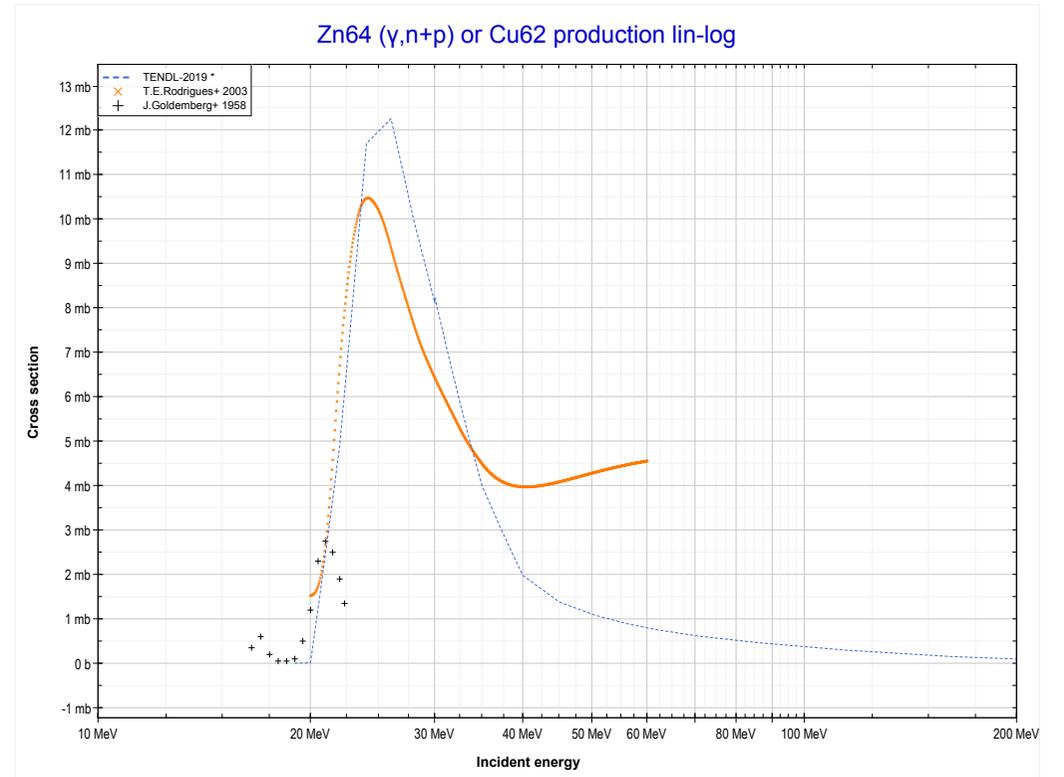
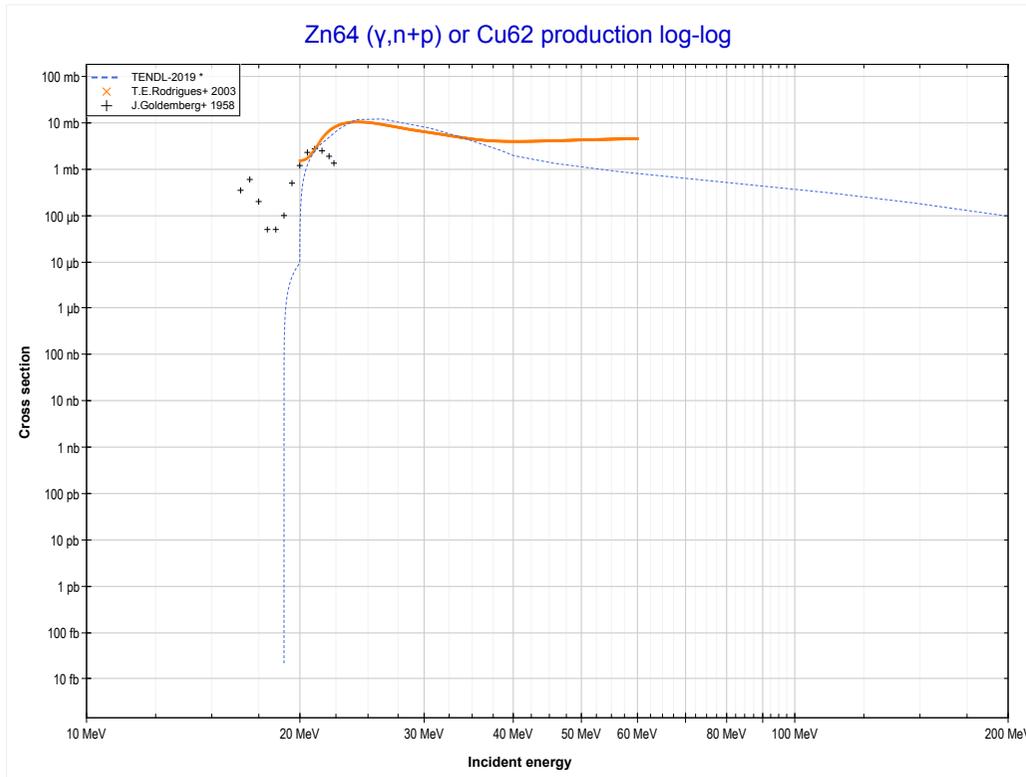
Reaction	Q-Value
Cu65(γ, α)Co61	-6790.52 keV
Cu65($\gamma, p+t$)Co61	-26604.38 keV
Cu65($\gamma, n+He3$)Co61	-27368.13 keV
Cu65($\gamma, 2d$)Co61	-30637.04 keV
Cu65($\gamma, n+p+d$)Co61	-32861.61 keV
Cu65($\gamma, 2n+2p$)Co61	-35086.18 keV

<< 29-Cu-65	30-Zn-64	30-Zn-65 >>
<< 29-Cu-65 MT107 (γ,α)	MT4 (γ,n) or MT5 (Zn63 production)	MT28 (γ,n+p) >>



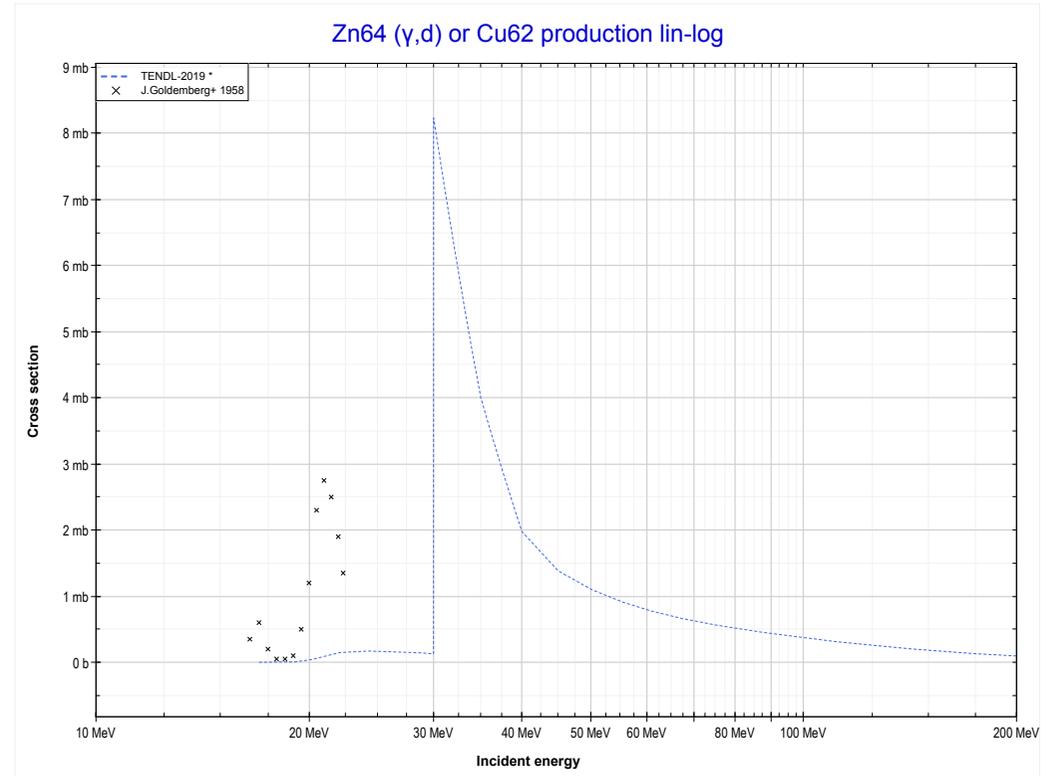
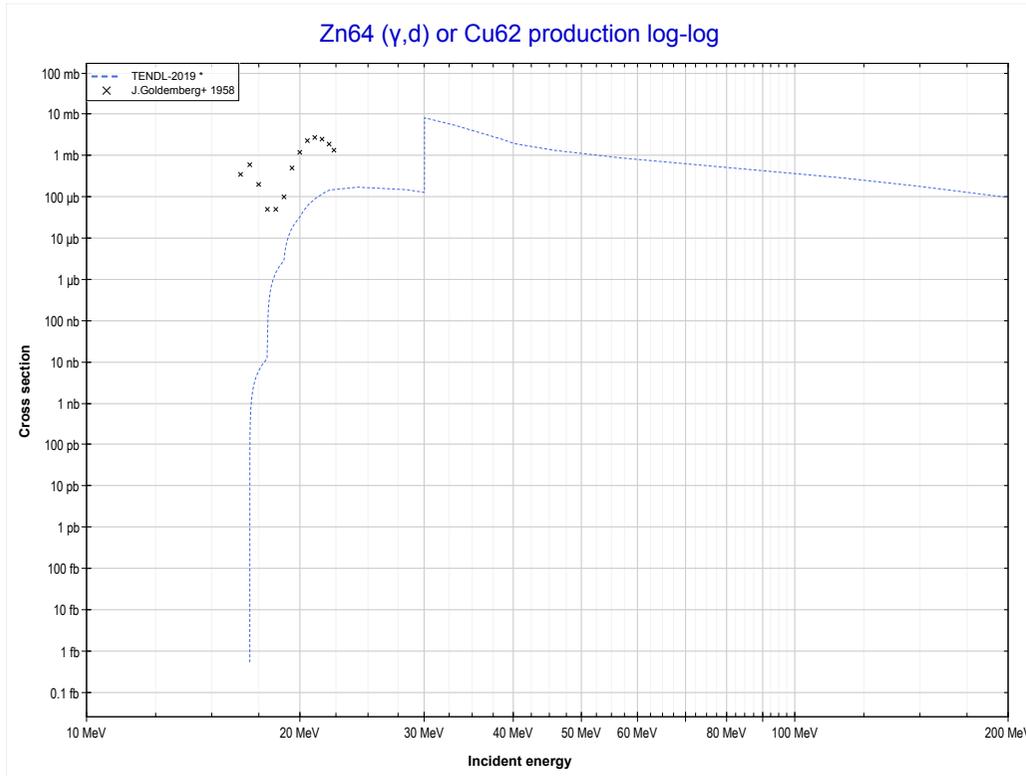
Reaction	Q-Value
Zn64(γ,n)Zn63	-11861.92 keV

<< 29-Cu-65	30-Zn-64	30-Zn-66 >>
<< MT4 (γ,n)	MT28 ($\gamma,n+p$) or MT5 (Cu62 production)	MT104 (γ,d) >>



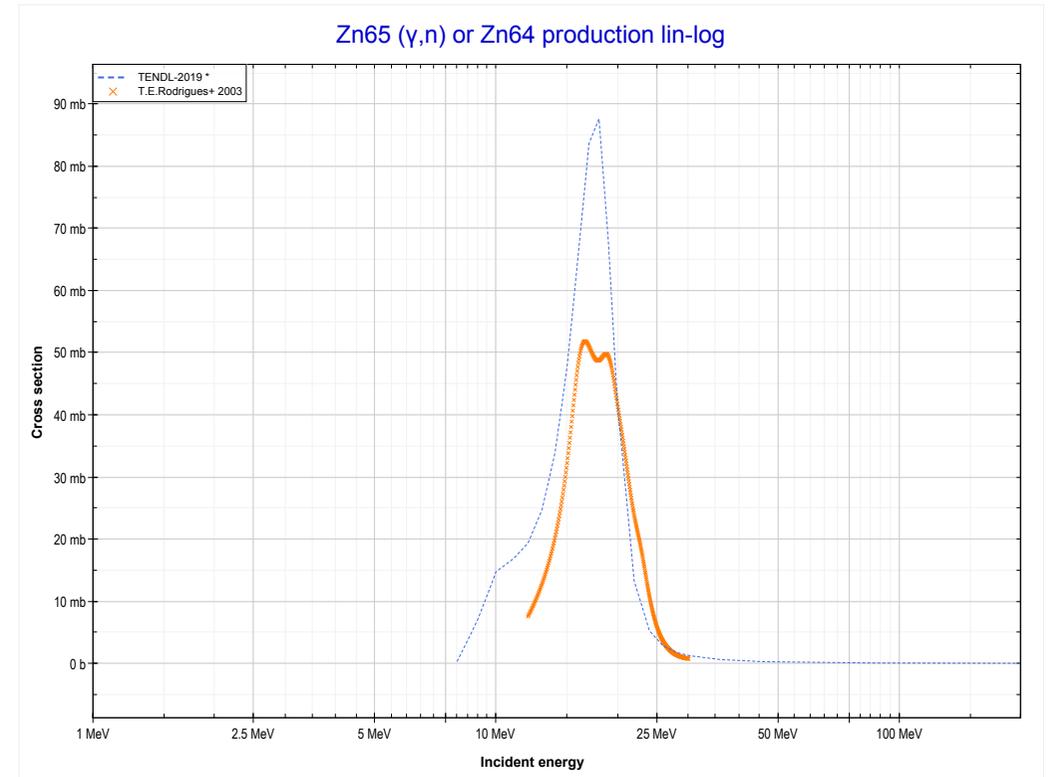
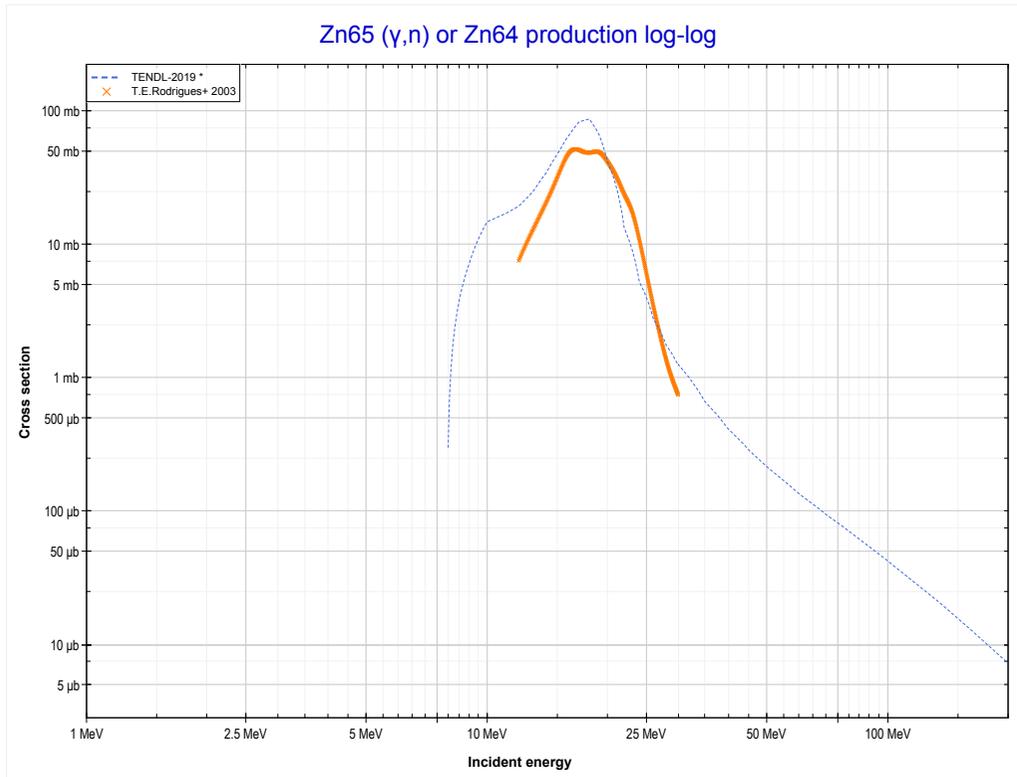
Reaction	Q-Value
Zn64(γ,d)Cu62	-16352.32 keV
Zn64($\gamma,n+p$)Cu62	-18576.89 keV

<< 22-Ti-46	30-Zn-64	30-Zn-66 >>
<< MT28 ($\gamma, n+p$)	MT104 (γ, d) or MT5 (Cu62 production)	30-Zn-65 MT4 (γ, n) >>



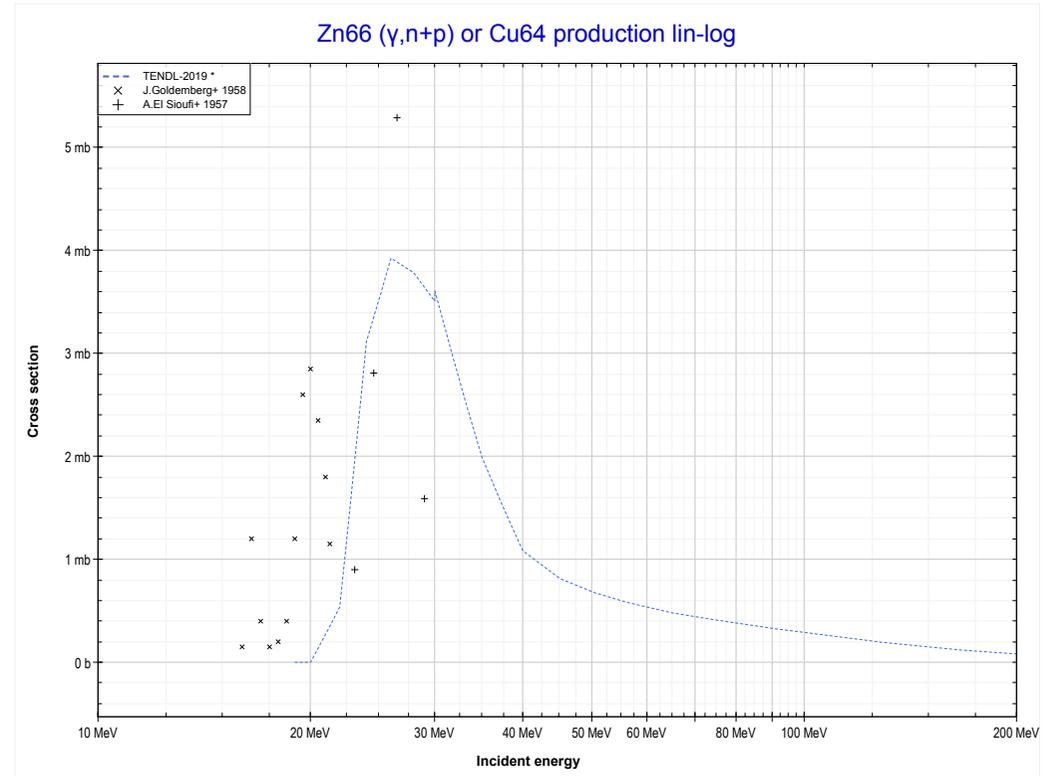
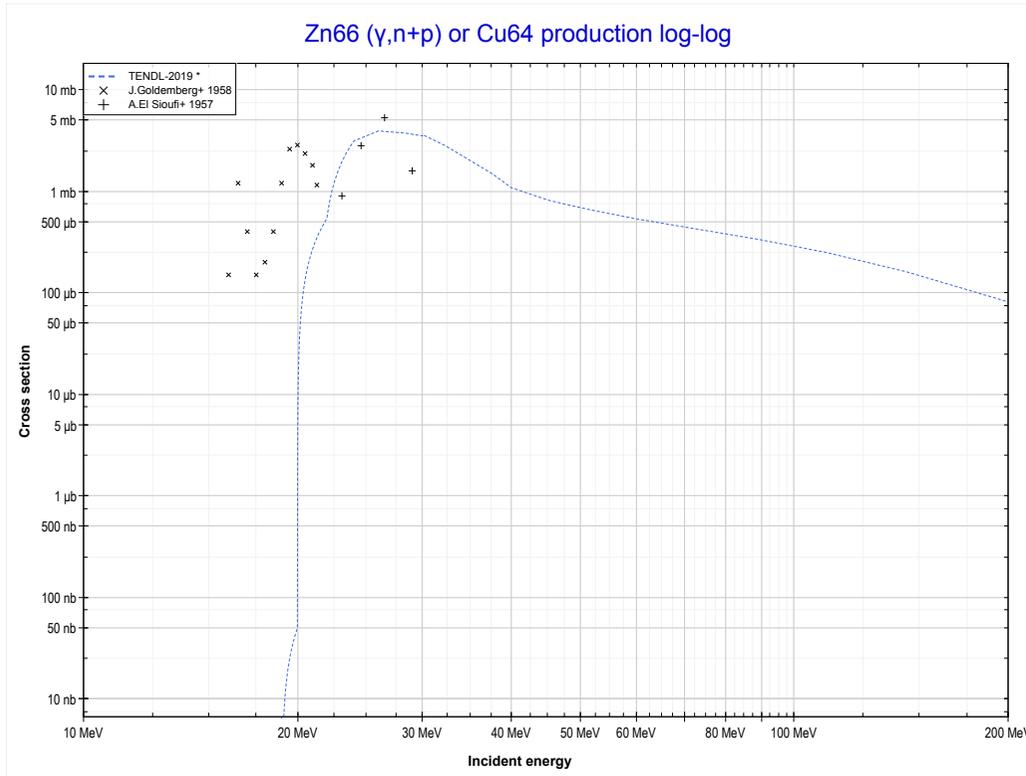
Reaction	Q-Value
Zn64(γ, d)Cu62	-16352.32 keV
Zn64($\gamma, n+p$)Cu62	-18576.89 keV

<< 30-Zn-64	30-Zn-65	30-Zn-67 >>
<< 30-Zn-64 MT104 (γ,d)	MT4 (γ,n) or MT5 (Zn64 production)	30-Zn-66 MT28 (γ,n+p) >>



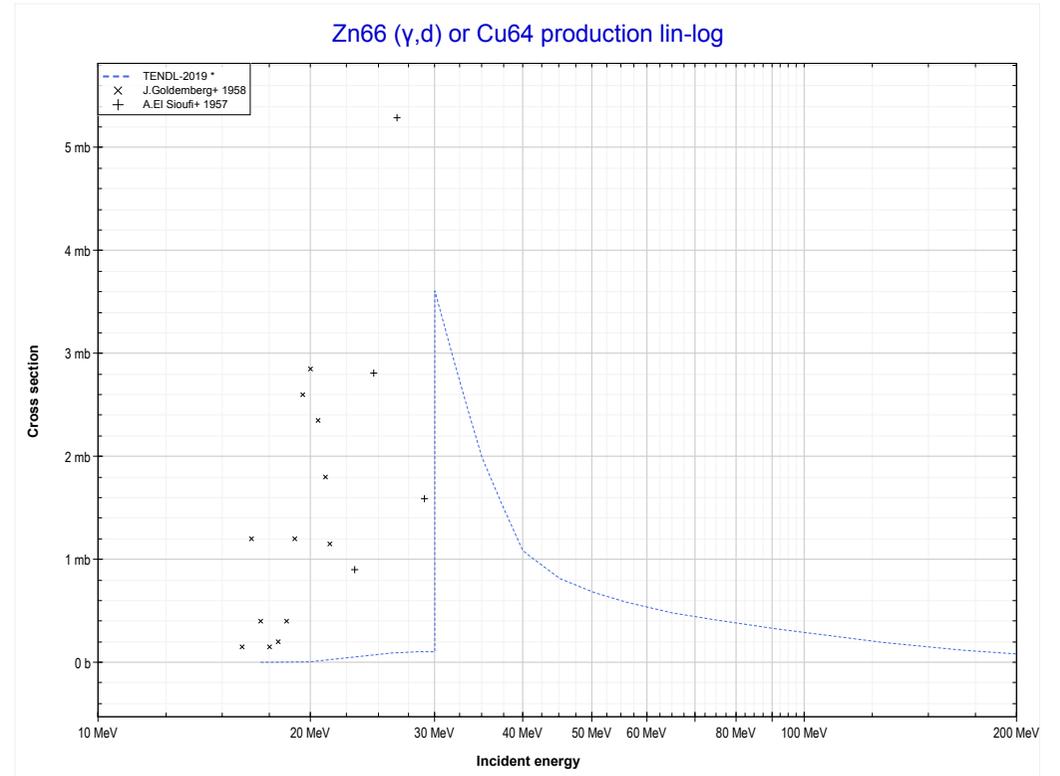
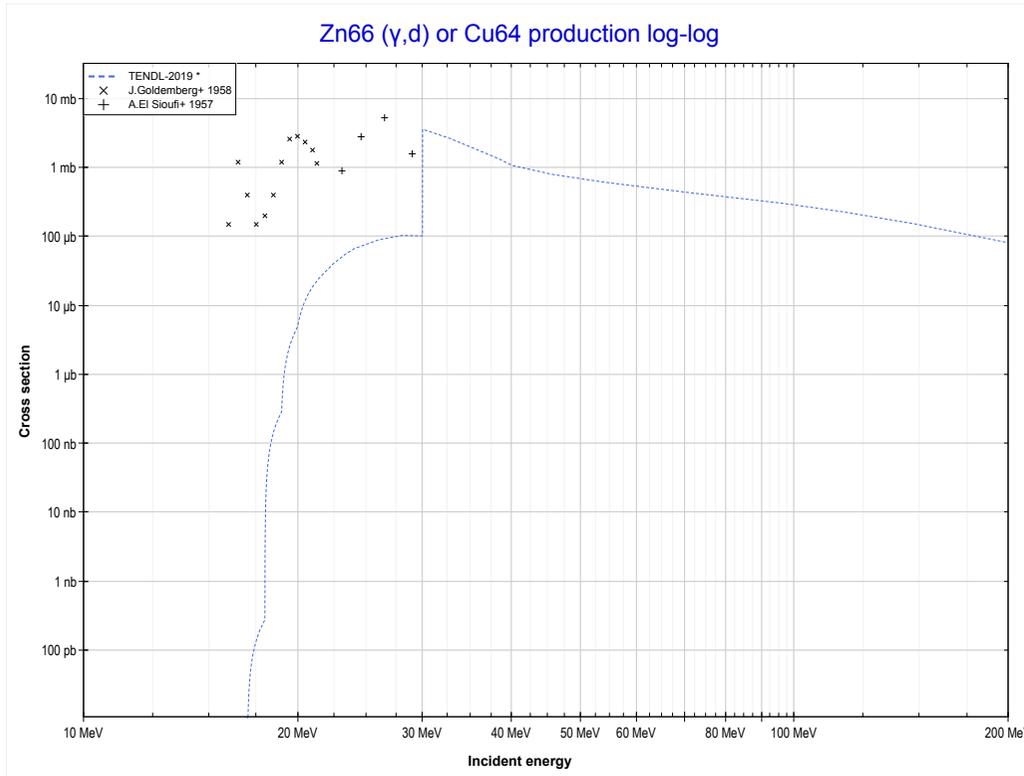
Reaction	Q-Value
Zn65(γ,n)Zn64	-7979.32 keV

<< 30-Zn-64	30-Zn-66	32-Ge-70 >>
<< 30-Zn-65 MT4 (γ, n)	MT28 ($\gamma, n+p$) or MT5 (Cu64 production)	MT104 (γ, d) >>



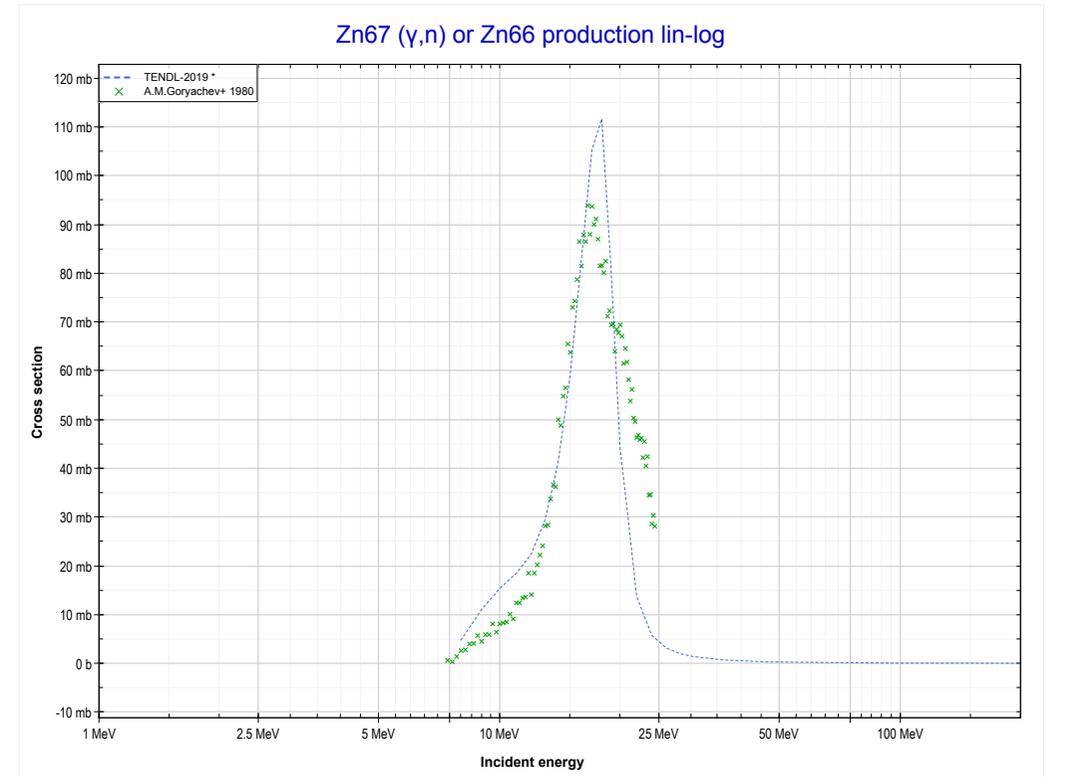
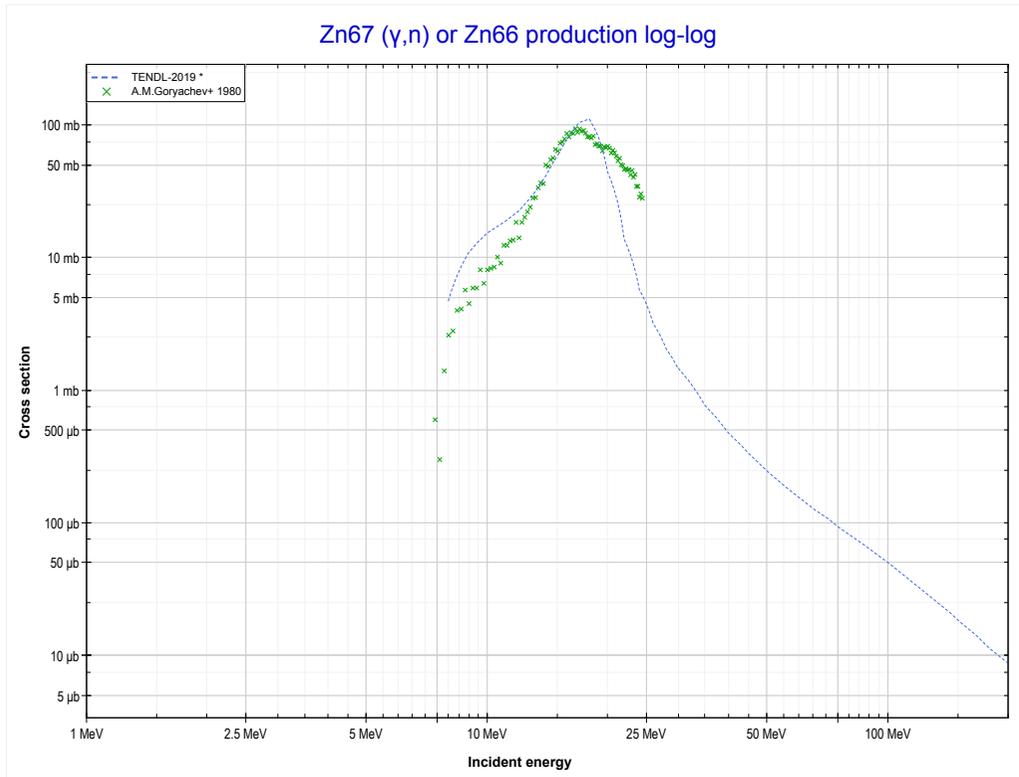
Reaction	Q-Value
Zn66(γ, d)Cu64	-16610.42 keV
Zn66($\gamma, n+p$)Cu64	-18834.99 keV

<< 30-Zn-64	30-Zn-66	32-Ge-70 >>
<< MT28 ($\gamma, n+p$)	MT104 (γ, d) or MT5 (Cu64 production)	30-Zn-67 MT4 (γ, n) >>



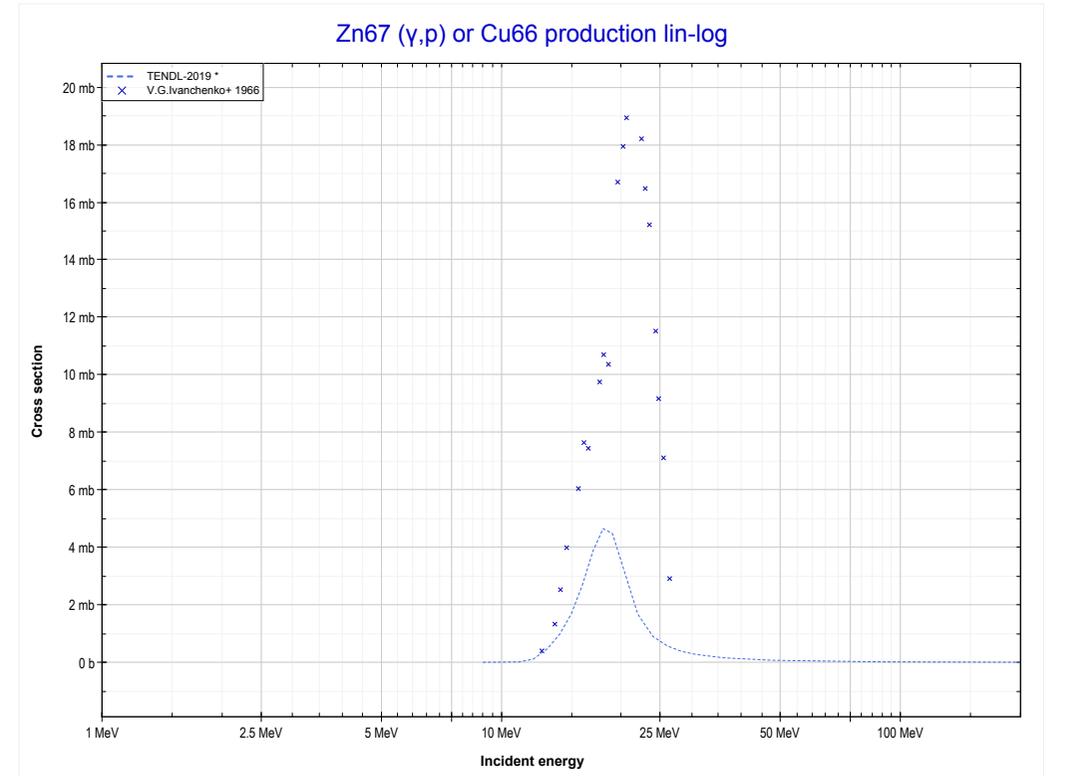
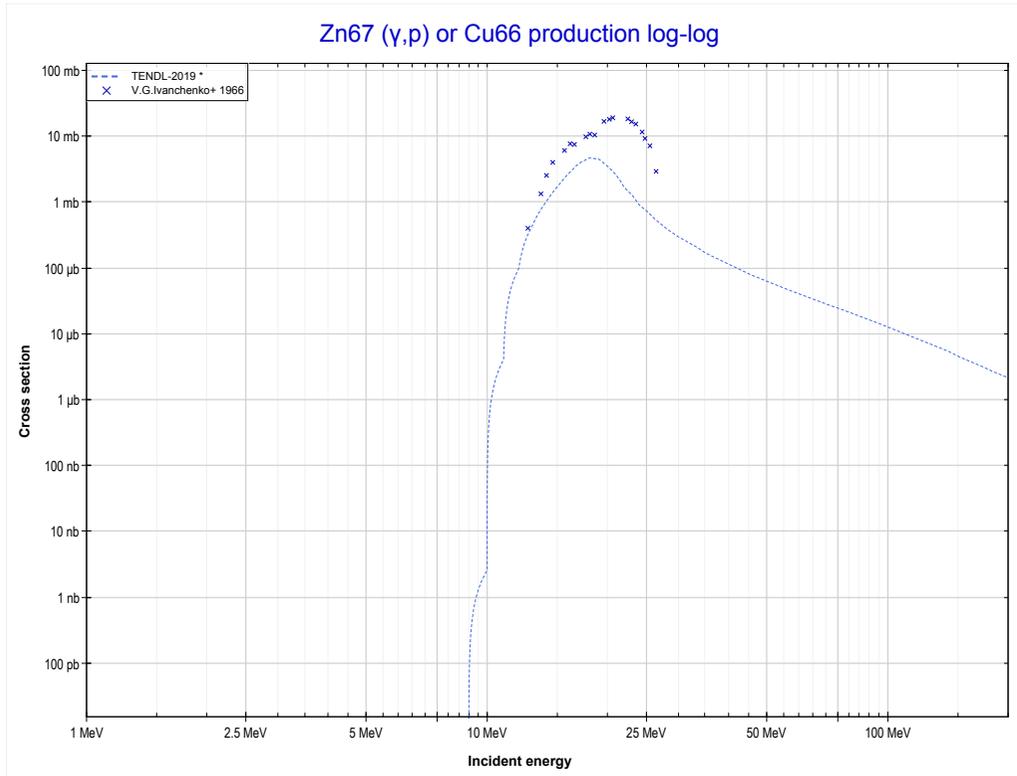
Reaction	Q-Value
Zn66(γ, d)Cu64	-16610.42 keV
Zn66($\gamma, n+p$)Cu64	-18834.99 keV

<< 30-Zn-65	30-Zn-67	30-Zn-70 >>
<< 30-Zn-66 MT104 (γ,d)	MT4 (γ,n) or MT5 (Zn66 production)	MT103 (γ,p) >>



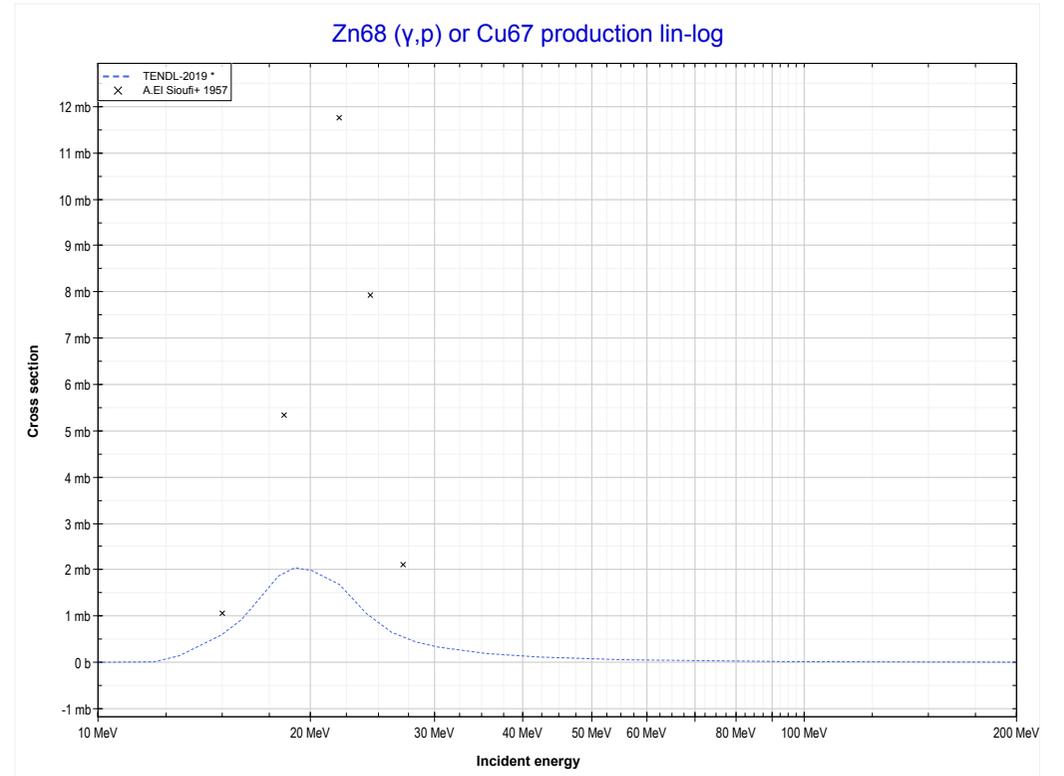
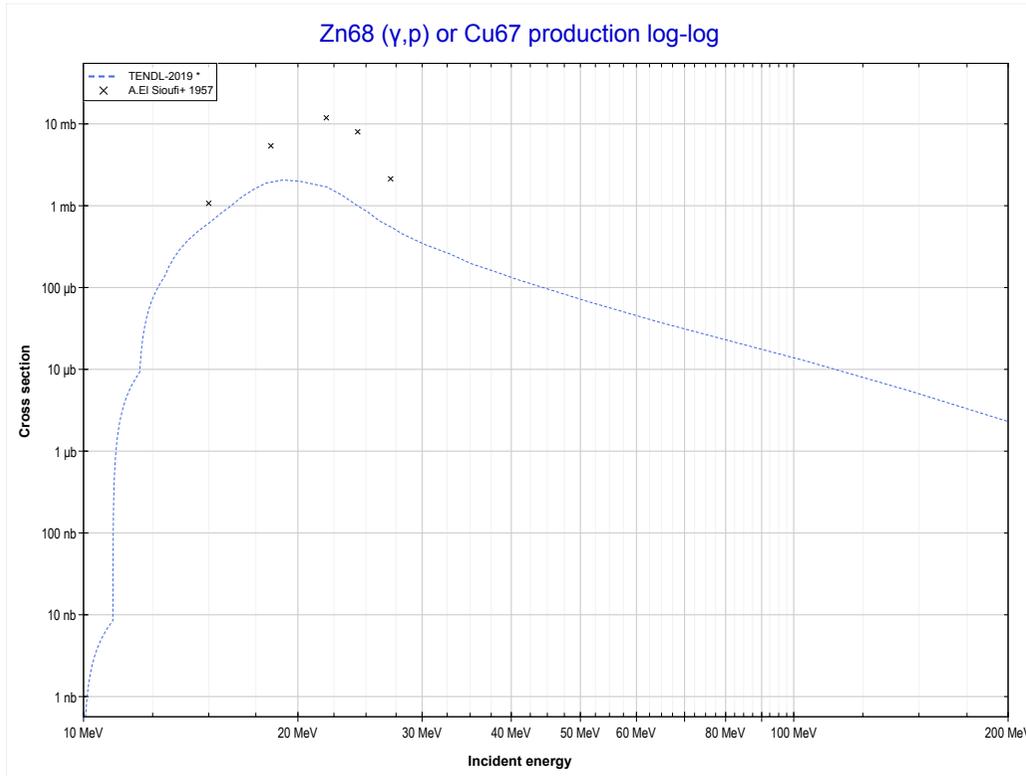
Reaction	Q-Value
Zn67(γ,n)Zn66	-7052.42 keV

<< 29-Cu-65	30-Zn-67	30-Zn-68 >>
<< MT4 (γ, n)	MT103 (γ, p) or MT5 (Cu66 production)	30-Zn-68 MT103 (γ, p) >>



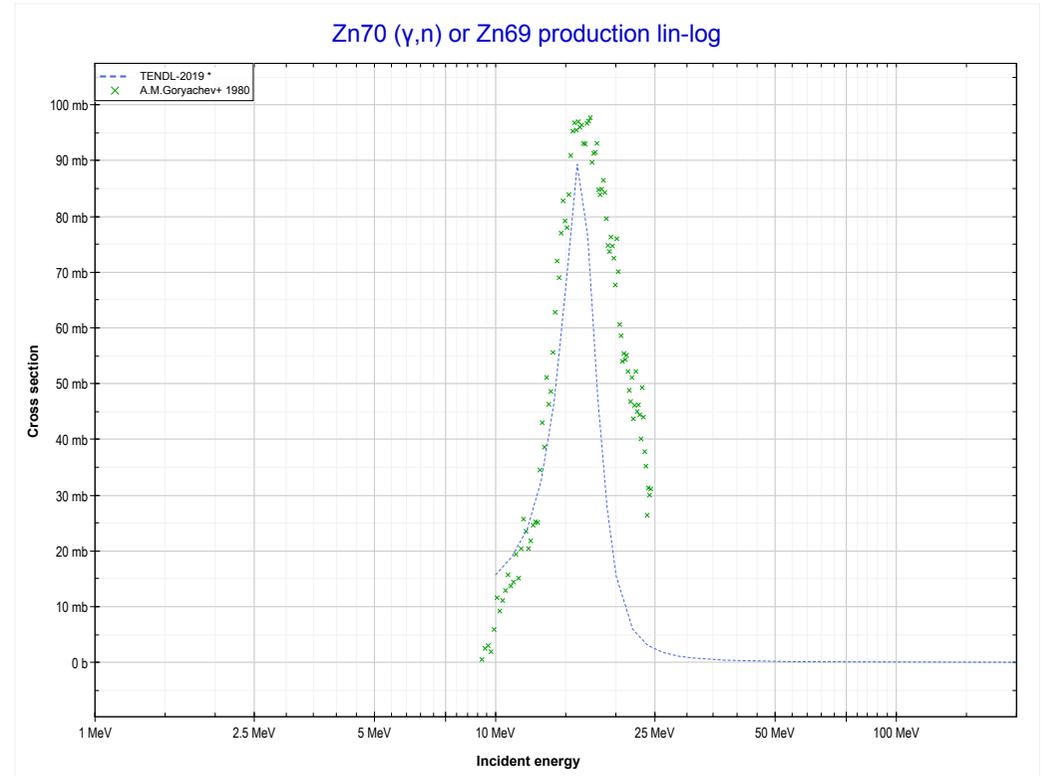
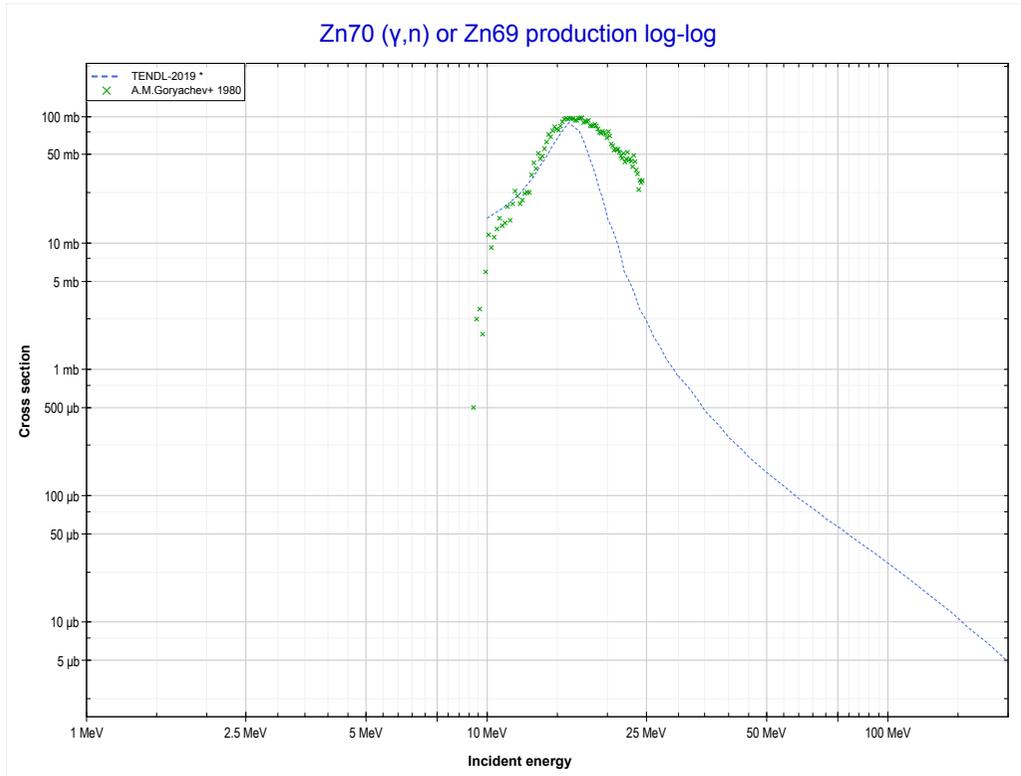
Reaction	Q-Value
Zn67(γ, p)Cu66	-8910.97 keV

<< 30-Zn-67	30-Zn-68	32-Ge-70 >>
<< 30-Zn-67 MT103 (γ,p)	MT103 (γ,p) or MT5 (Cu67 production)	30-Zn-70 MT4 (γ,n) >>



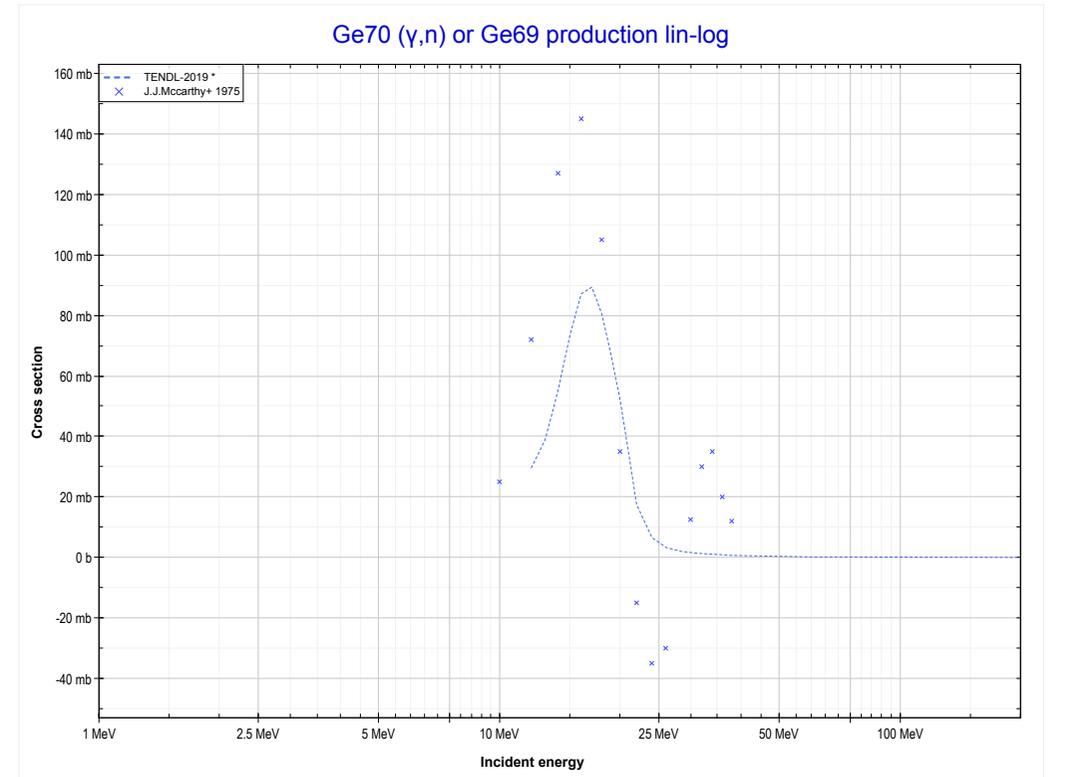
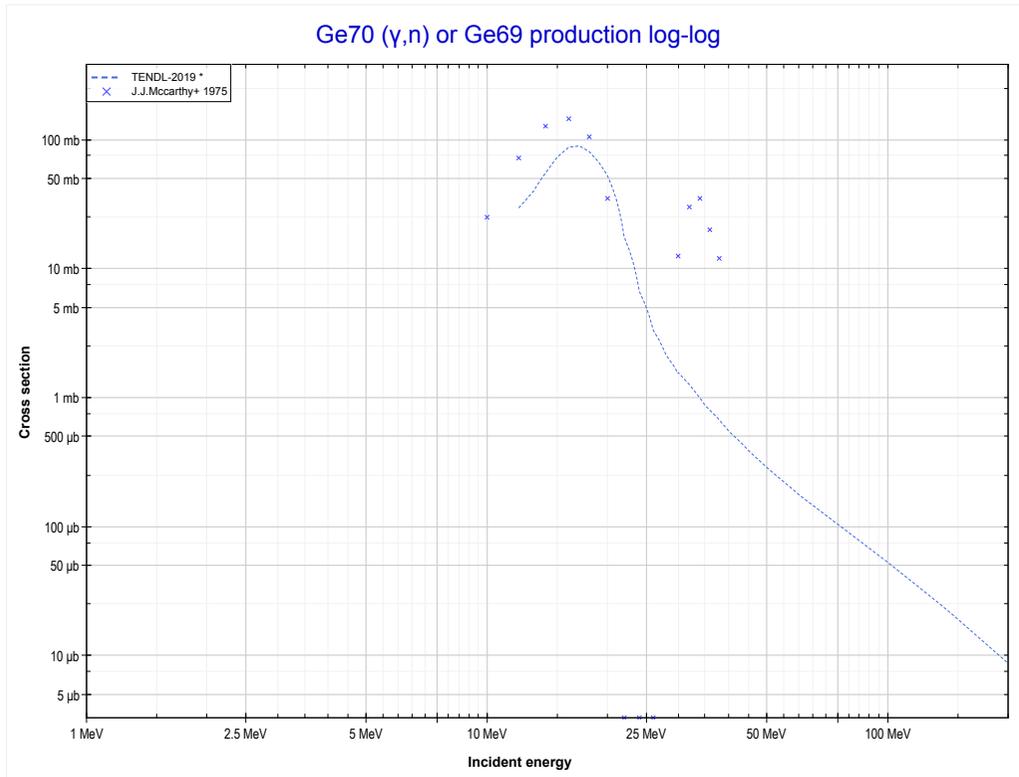
Reaction	Q-Value
Zn68(γ,p)Cu67	-9976.57 keV

<< 30-Zn-67	30-Zn-70	32-Ge-70 >>
<< 30-Zn-68 MT103 (γ,p)	MT4 (γ,n) or MT5 (Zn69 production)	32-Ge-70 MT4 (γ,n) >>



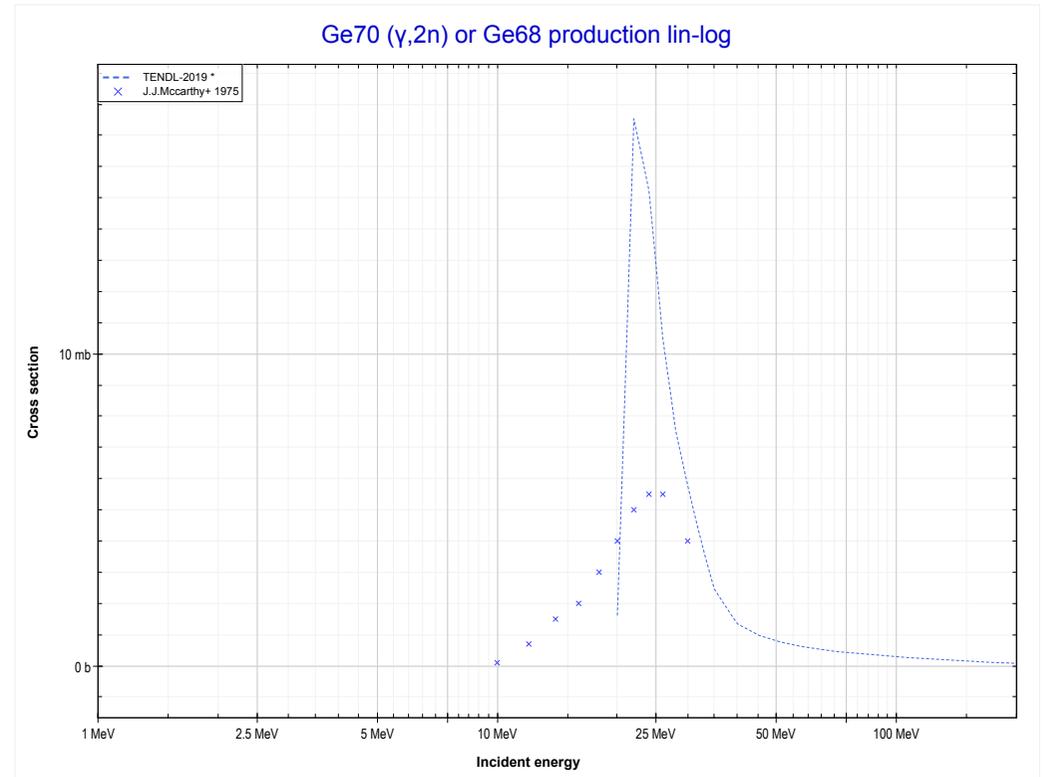
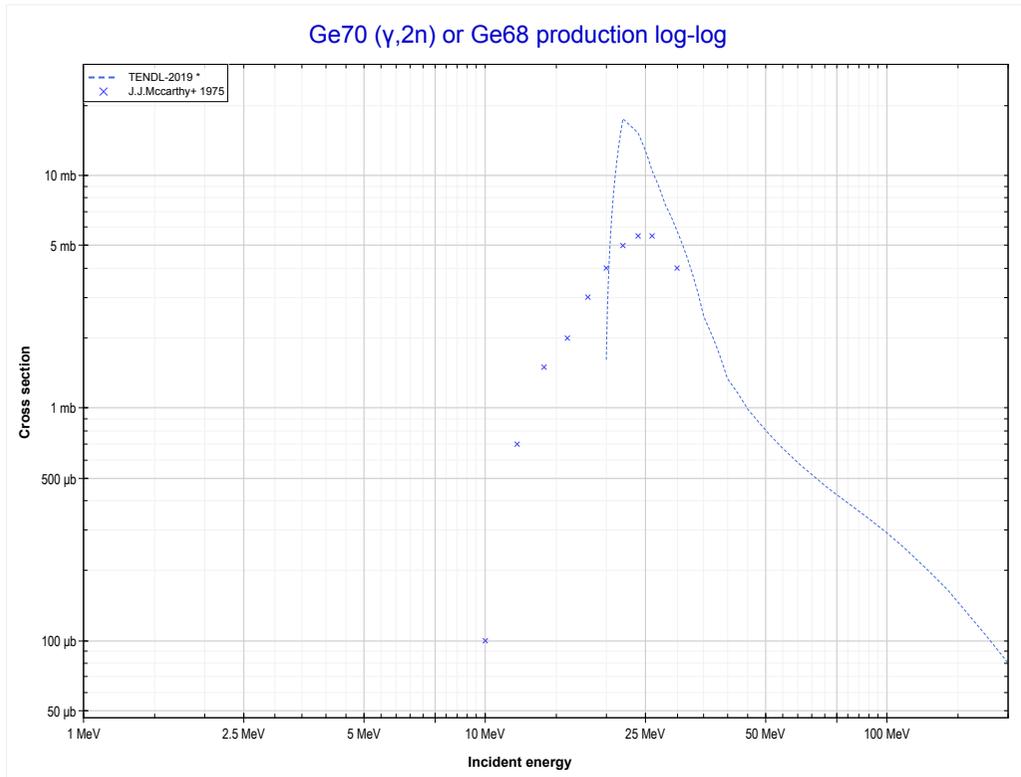
Reaction	Q-Value
Zn70(γ,n)Zn69	-9218.22 keV

<< 30-Zn-70	32-Ge-70	32-Ge-72 >>
<< 30-Zn-70 MT4 (γ,n)	MT4 (γ,n) or MT5 (Ge69 production)	MT16 (γ,2n) >>



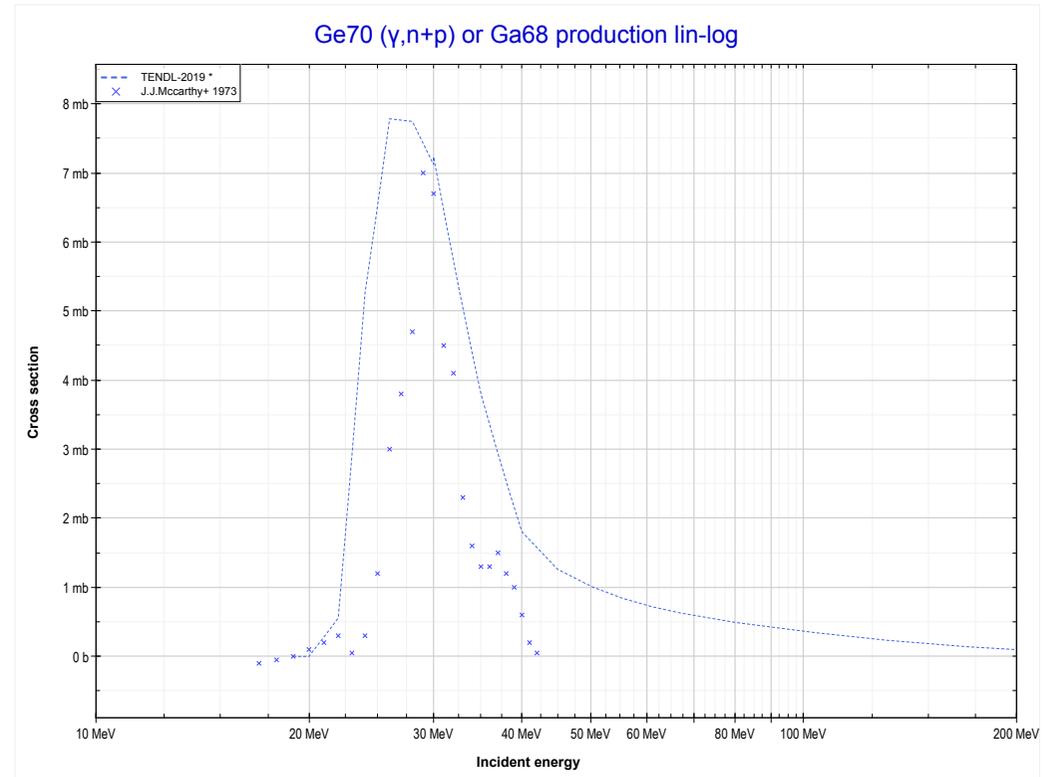
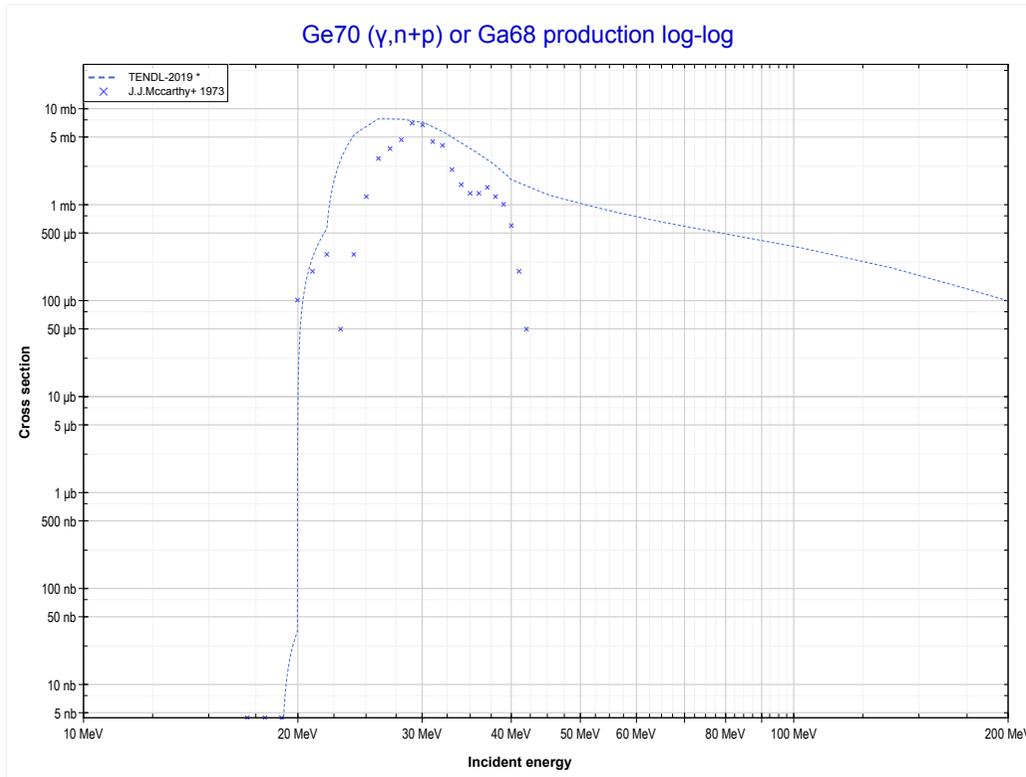
Reaction	Q-Value
Ge70(γ,n)Ge69	-11532.52 keV

<< 29-Cu-63	32-Ge-70	32-Ge-72 >>
<< MT4 (γ, n)	MT16 ($\gamma, 2n$) or MT5 (Ge68 production)	MT28 ($\gamma, n+p$) >>



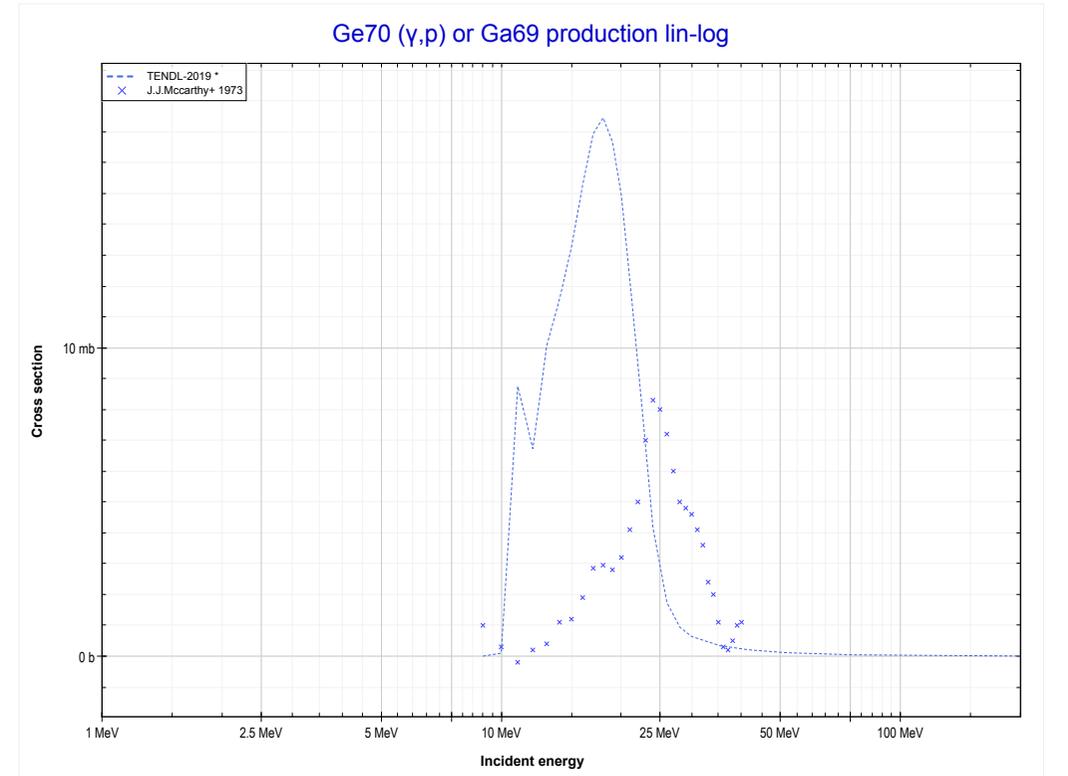
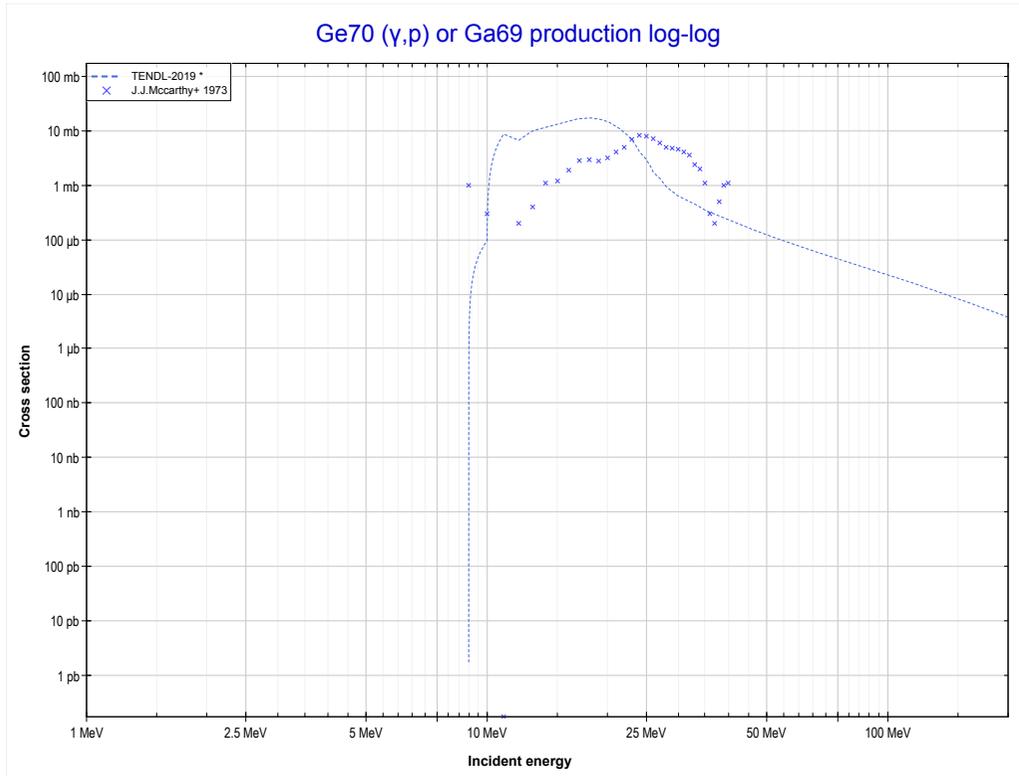
Reaction	Q-Value
Ge70($\gamma, 2n$)Ge68	-19725.73 keV

<< 30-Zn-66	32-Ge-70	32-Ge-72 >>
<< MT16 ($\gamma,2n$)	MT28 ($\gamma,n+p$) or MT5 (Ga68 production)	MT103 (γ,p) >>



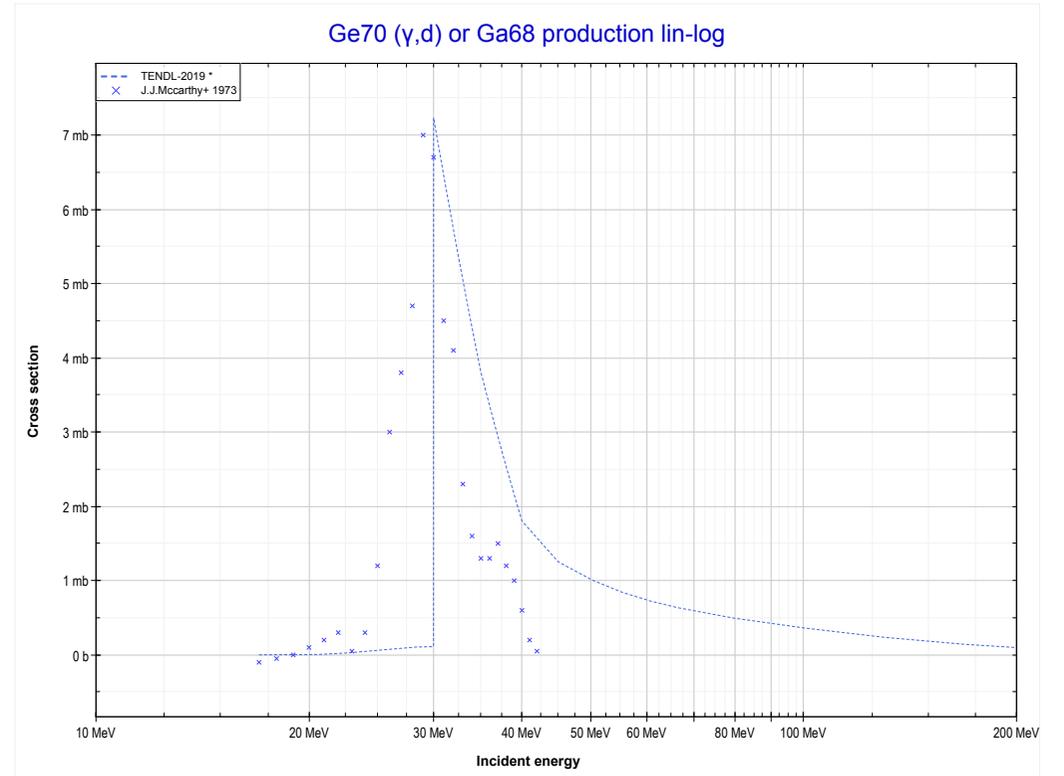
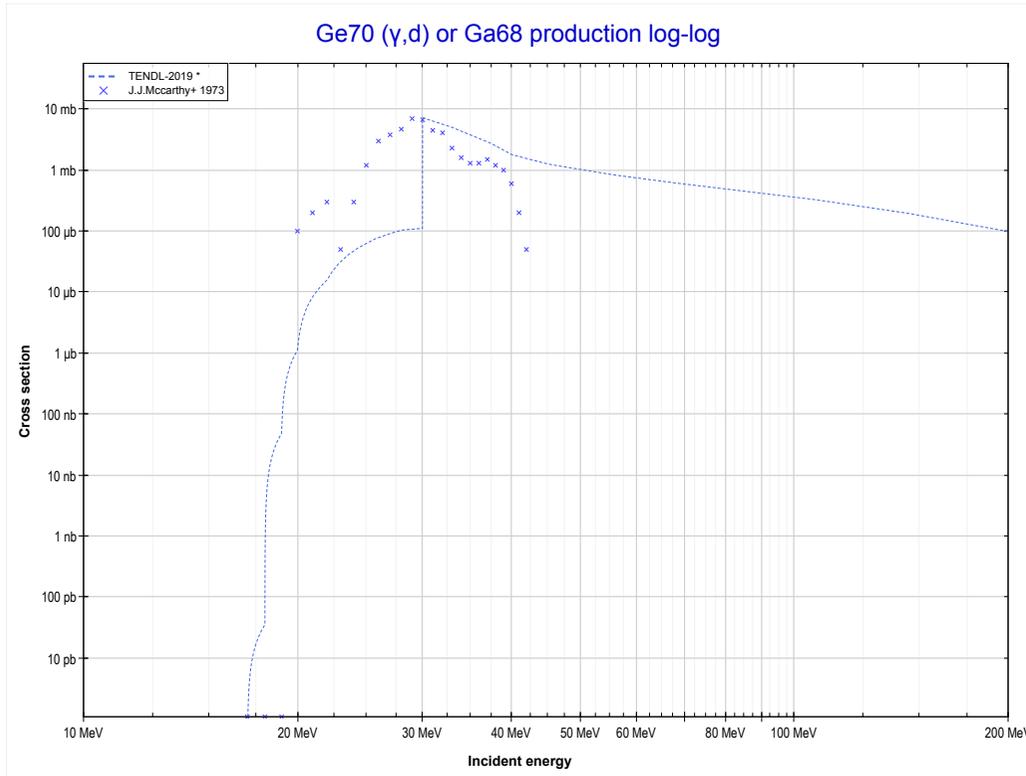
Reaction	Q-Value
Ge70(γ,d)Ga68	-16611.62 keV
Ge70($\gamma,n+p$)Ga68	-18836.19 keV

<< 30-Zn-68	32-Ge-70	39-Y-89 >>
<< MT28 ($\gamma, n+p$)	MT103 (γ, p) or MT5 (Ga69 production)	MT104 (γ, d) >>



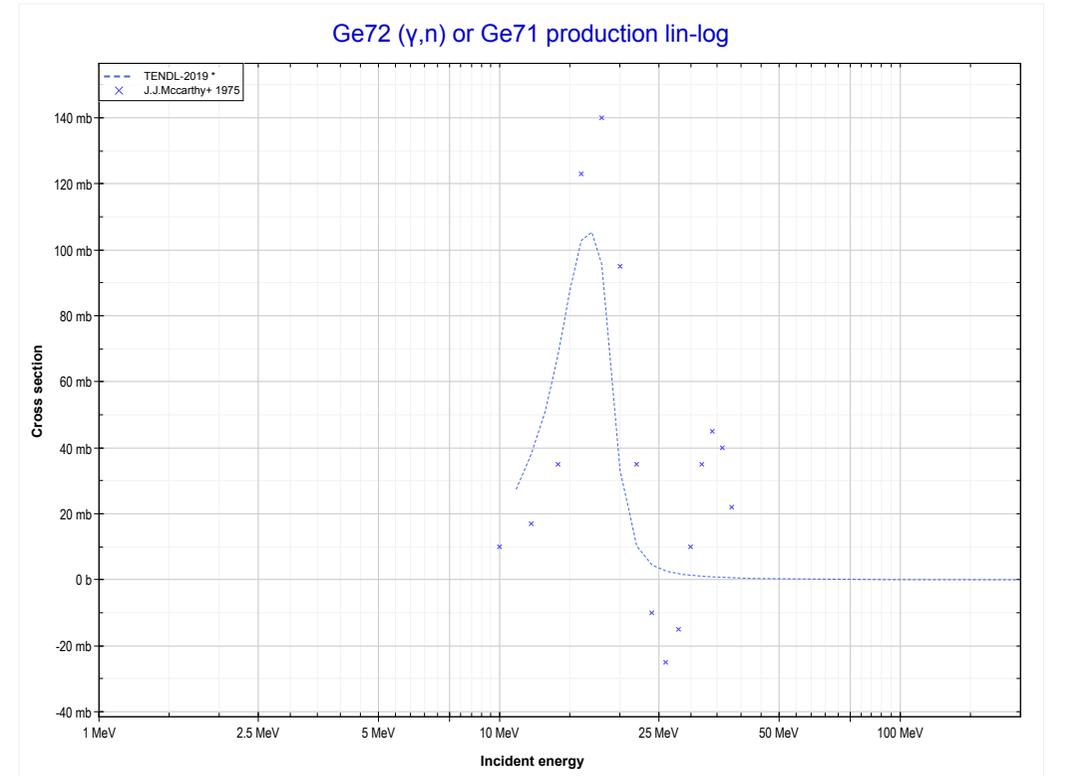
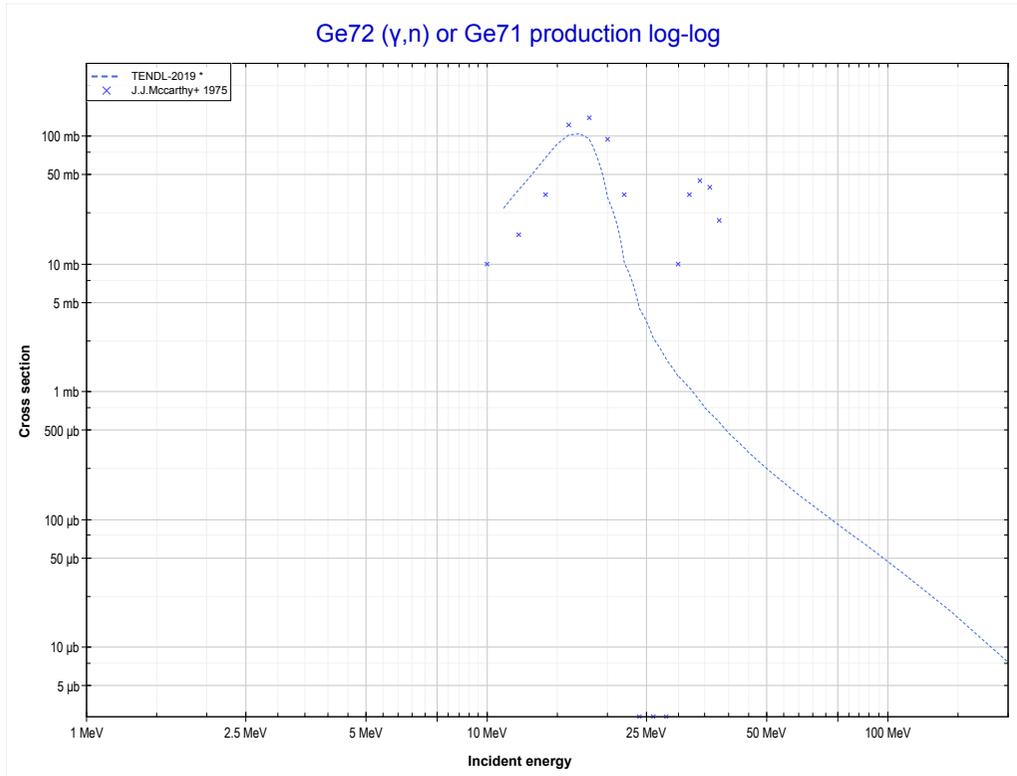
Reaction	Q-Value
$^{70}\text{Ge}(\gamma, p)^{69}\text{Ga}$	-8523.07 keV

<< 30-Zn-66	32-Ge-70	32-Ge-72 >>
<< MT103 (γ,p)	MT104 (γ,d) or MT5 (Ga68 production)	32-Ge-72 MT4 (γ,n) >>



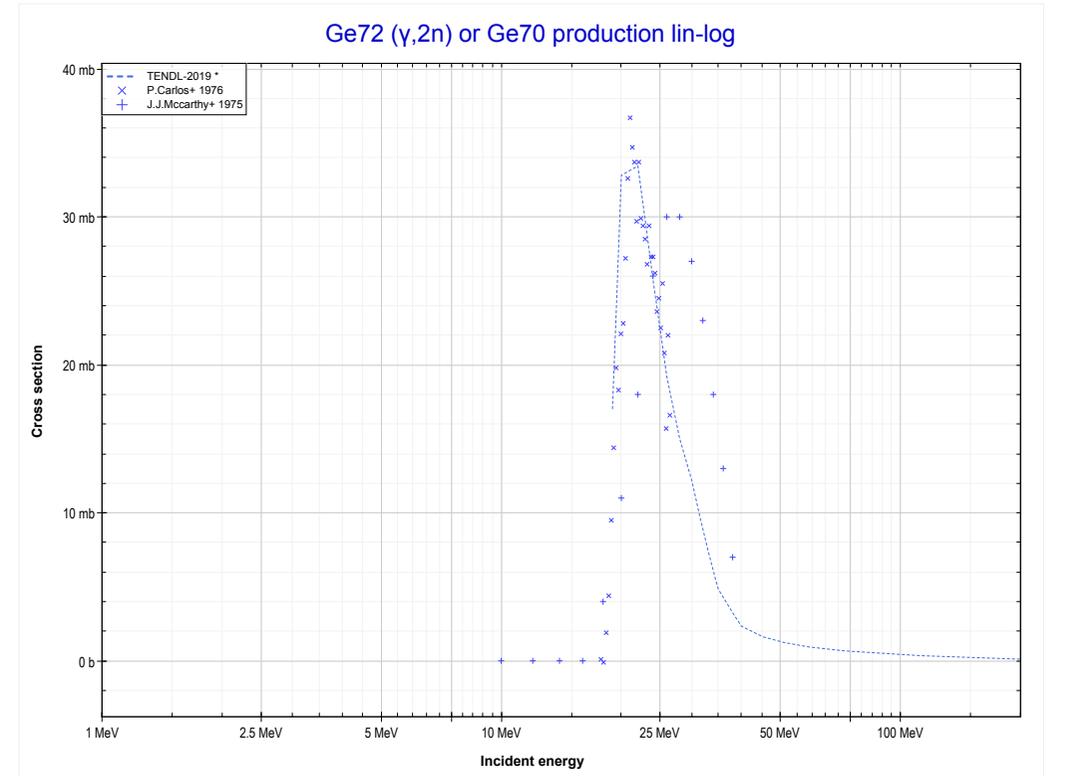
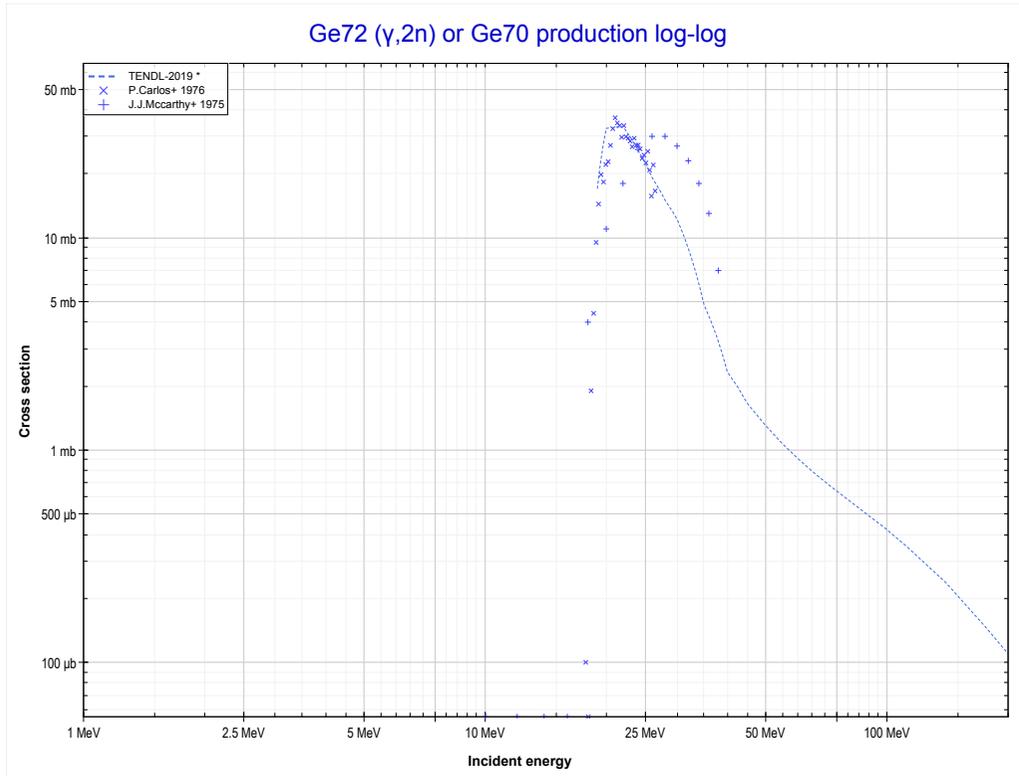
Reaction	Q-Value
Ge70(γ,d)Ga68	-16611.62 keV
Ge70($\gamma,n+p$)Ga68	-18836.19 keV

<< 32-Ge-70	32-Ge-72	32-Ge-73 >>
<< 32-Ge-70 MT104 (γ, d)	MT4 (γ, n) or MT5 (Ge71 production)	MT16 ($\gamma, 2n$) >>



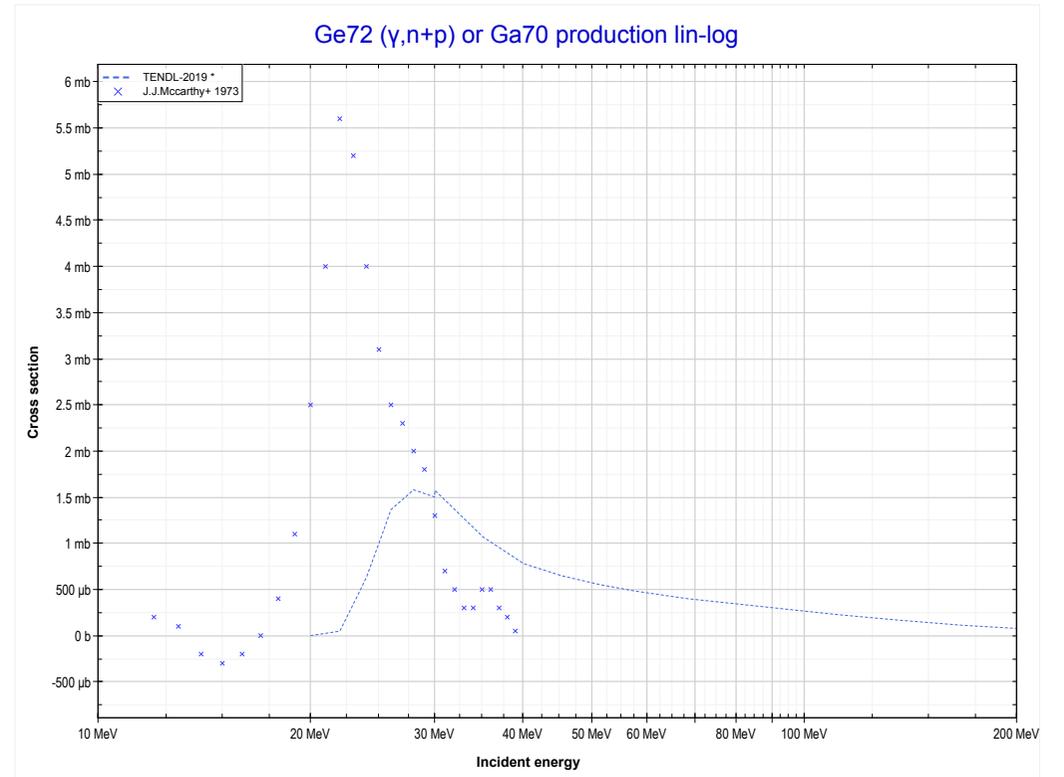
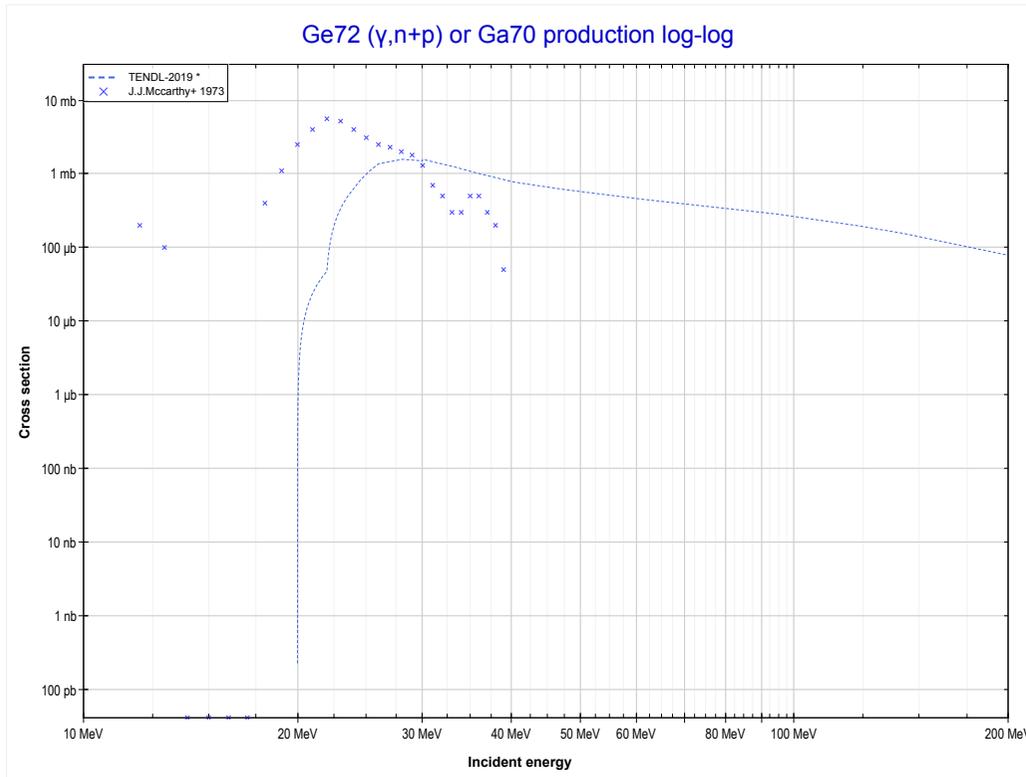
Reaction	Q-Value
Ge72(γ, n)Ge71	-10750.72 keV

<< 32-Ge-70	32-Ge-72	32-Ge-74 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Ge70 production)	MT28 ($\gamma,n+p$) >>



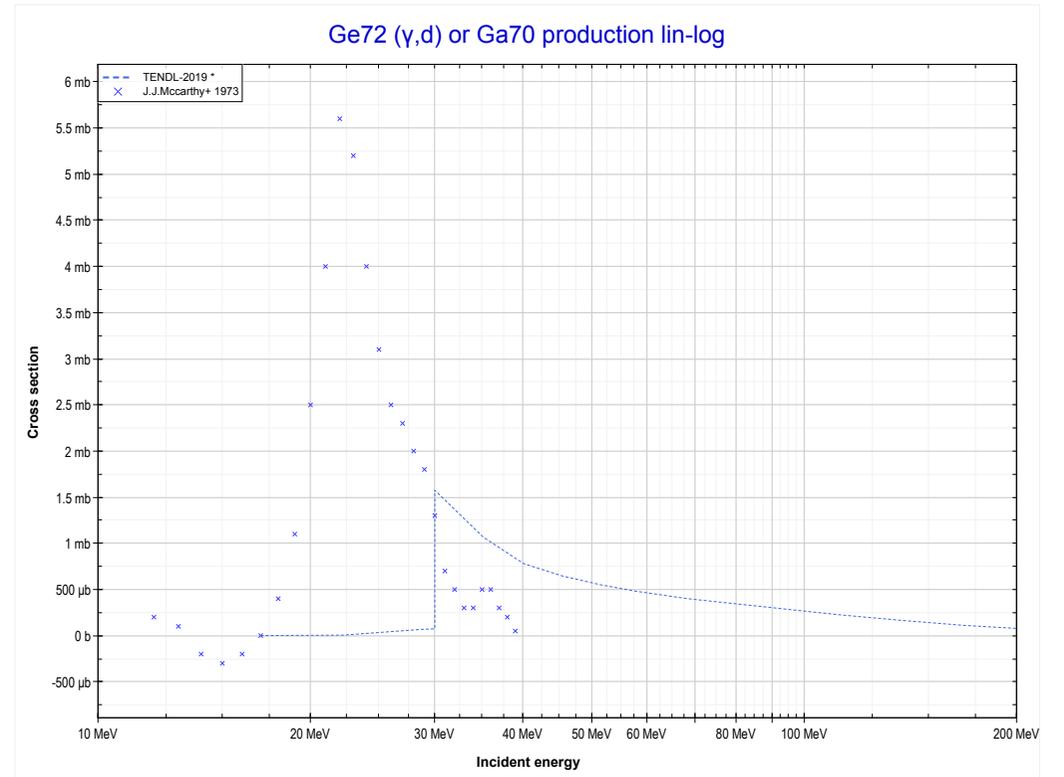
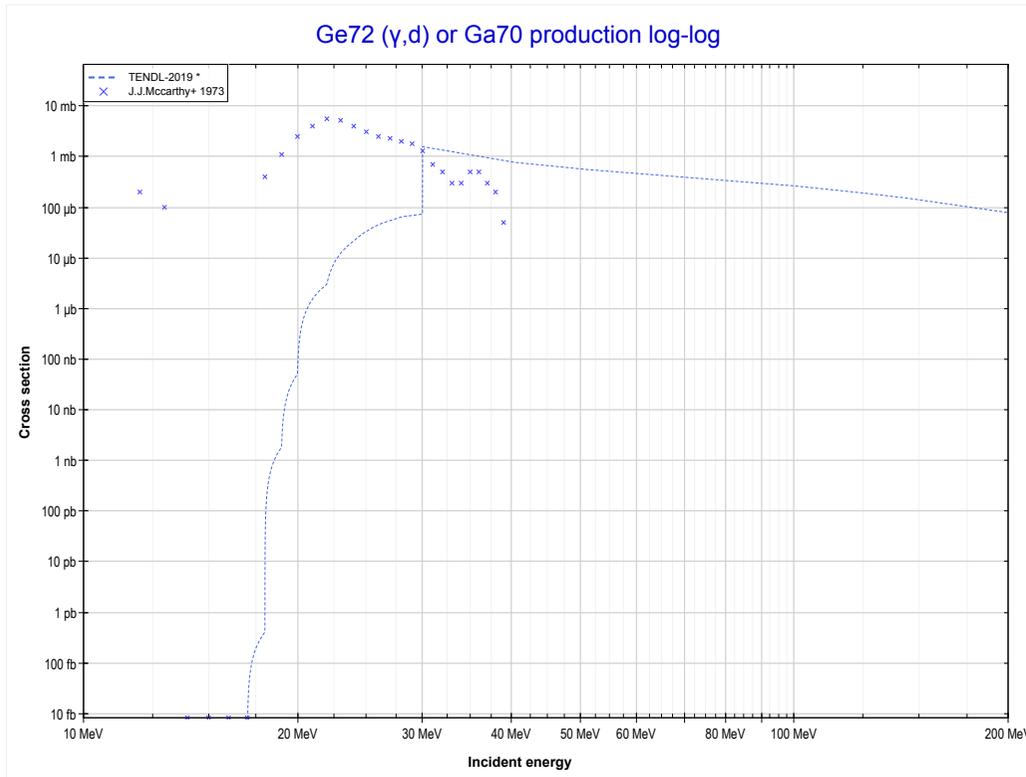
Reaction	Q-Value
Ge72($\gamma,2n$)Ge70	-18166.63 keV

<< 32-Ge-70	32-Ge-72	32-Ge-76 >>
<< MT16 ($\gamma,2n$)	MT28 ($\gamma,n+p$) or MT5 (Ga70 production)	MT104 (γ,d) >>



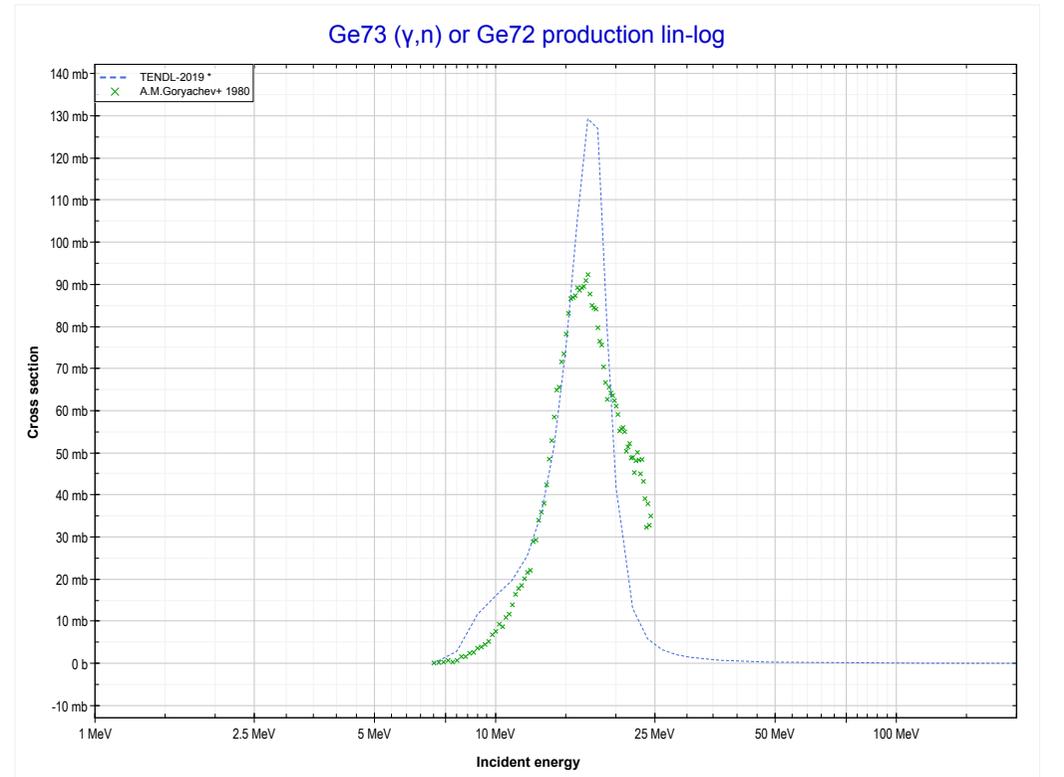
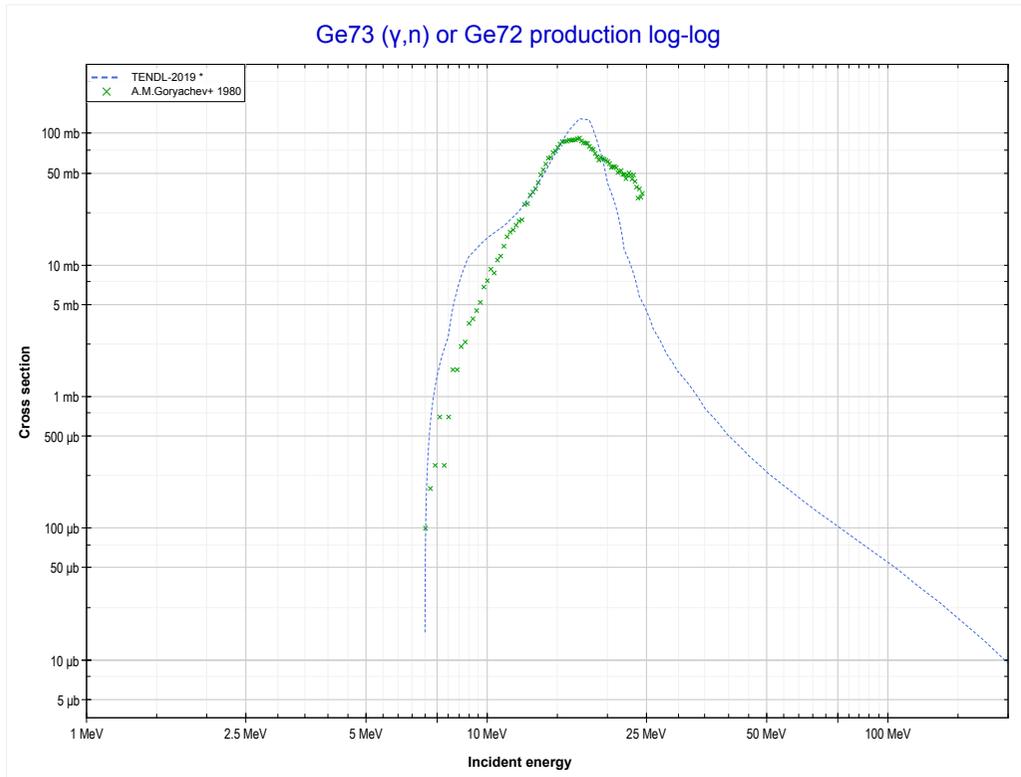
Reaction	Q-Value
Ge72(γ,d)Ga70	-16811.52 keV
Ge72($\gamma,n+p$)Ga70	-19036.09 keV

<< 32-Ge-70	32-Ge-72	32-Ge-76 >>
<< MT28 ($\gamma, n+p$)	MT104 (γ, d) or MT5 (Ga70 production)	32-Ge-73 MT4 (γ, n) >>



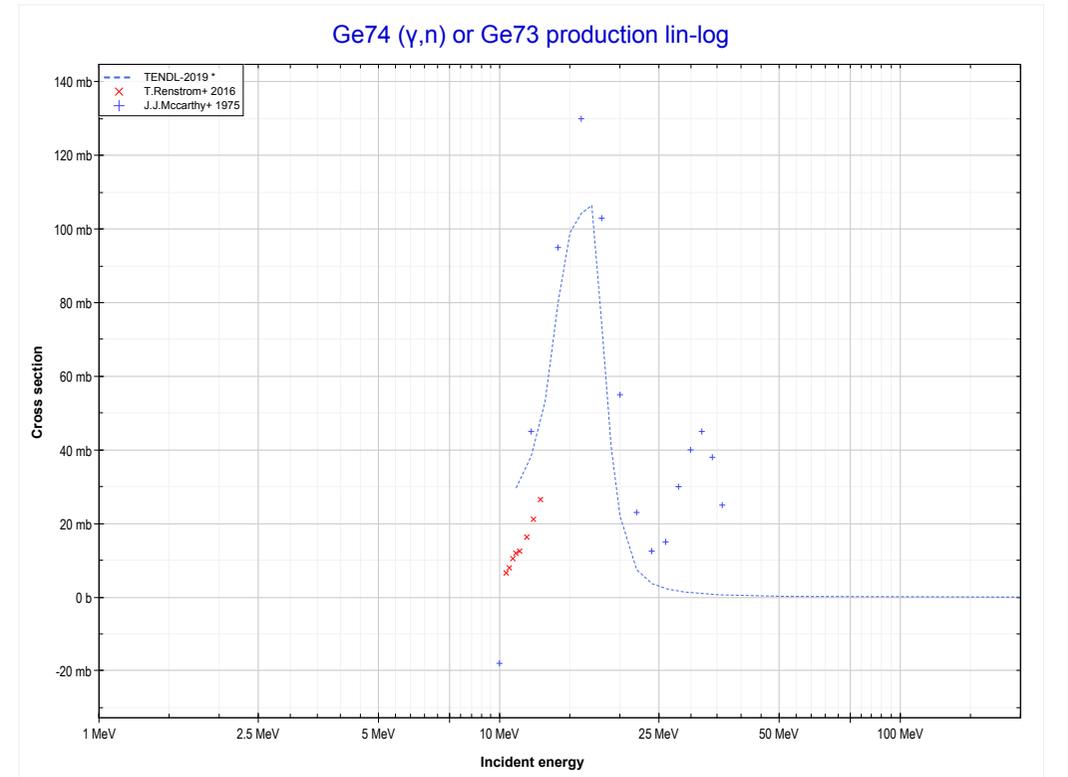
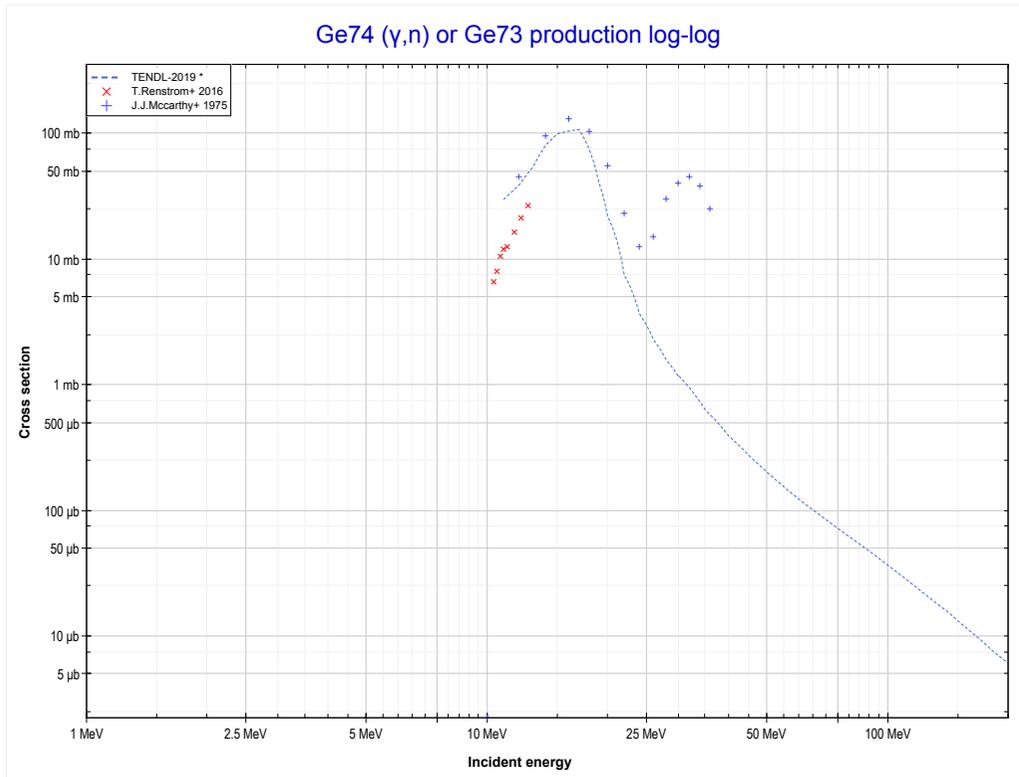
Reaction	Q-Value
$^{72}\text{Ge}(\gamma, d)^{70}\text{Ga}$	-16811.52 keV
$^{72}\text{Ge}(\gamma, n+p)^{70}\text{Ga}$	-19036.09 keV

<< 32-Ge-72	32-Ge-73	32-Ge-74 >>
<< 32-Ge-72 MT104 (γ,d)	MT4 (γ,n) or MT5 (Ge72 production)	32-Ge-74 MT4 (γ,n) >>



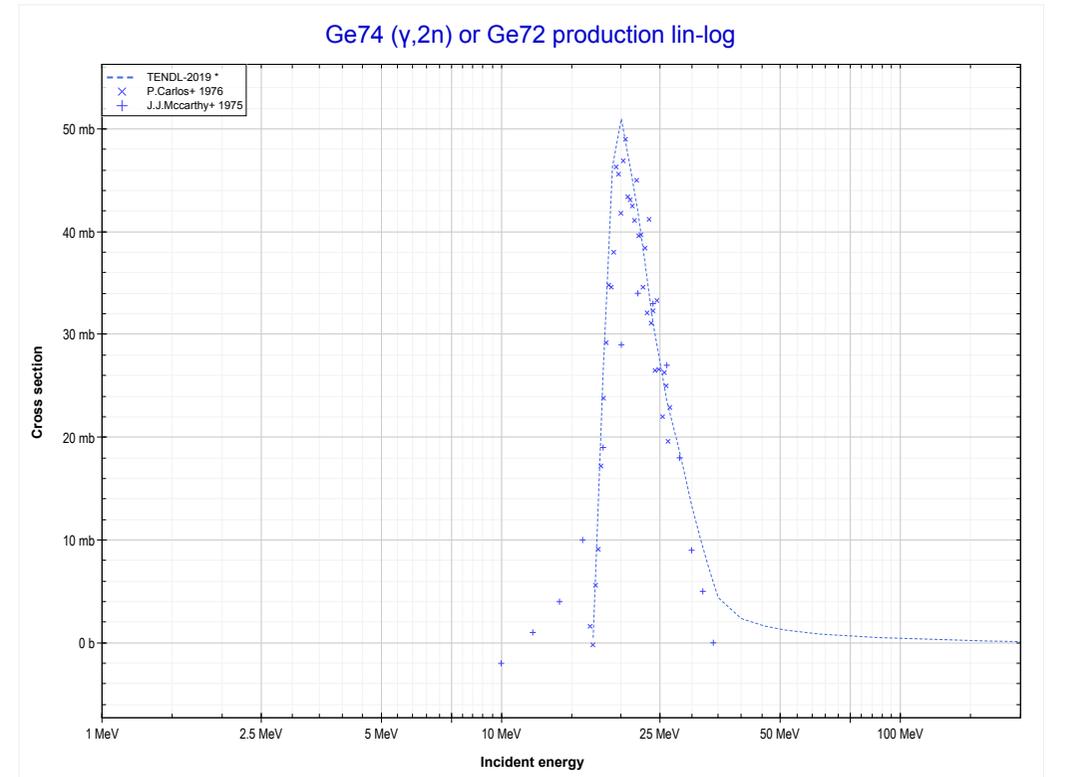
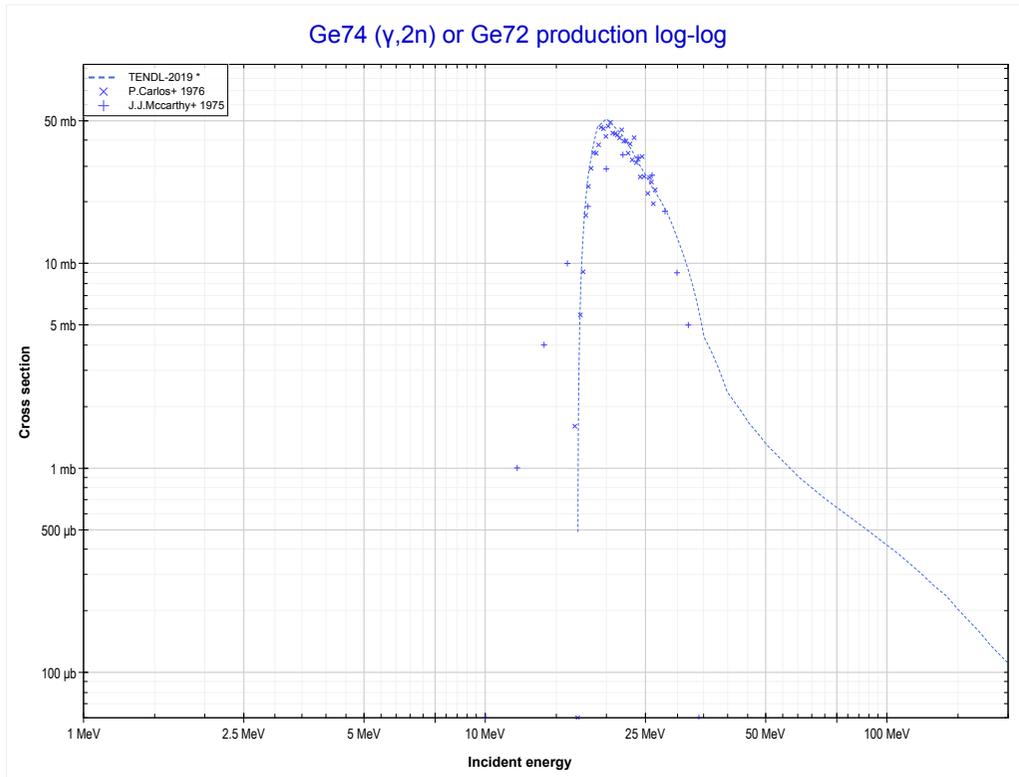
Reaction	Q-Value
Ge73(γ,n)Ge72	-6782.94 keV

<< 32-Ge-73	32-Ge-74	32-Ge-76 >>
<< 32-Ge-73 MT4 (γ,n)	MT4 (γ,n) or MT5 (Ge73 production)	MT16 (γ,2n) >>



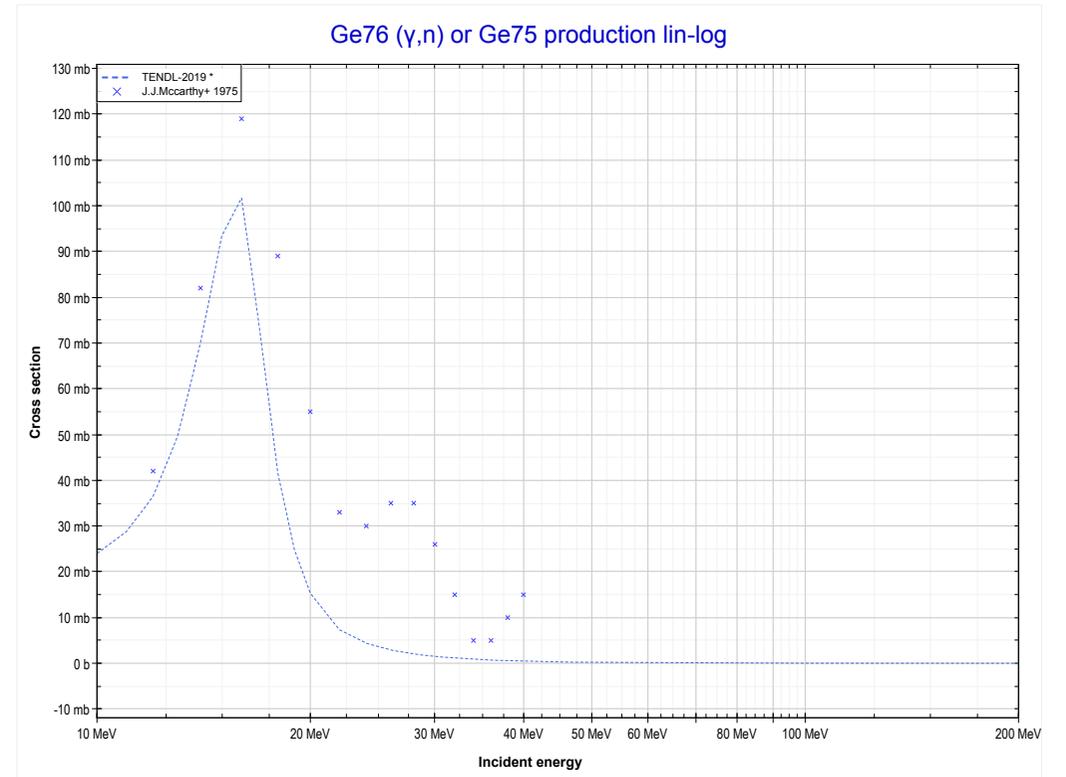
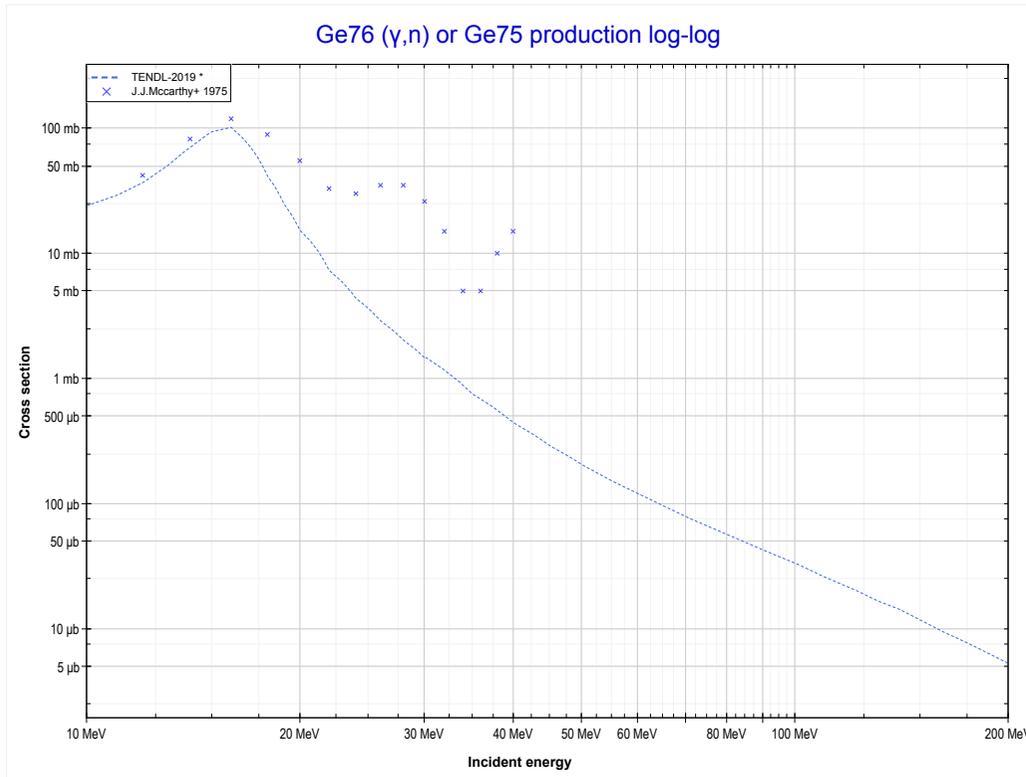
Reaction	Q-Value
Ge74(γ,n)Ge73	-10196.24 keV

<< 32-Ge-72	32-Ge-74	32-Ge-76 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Ge72 production)	32-Ge-76 MT4 (γ,n) >>



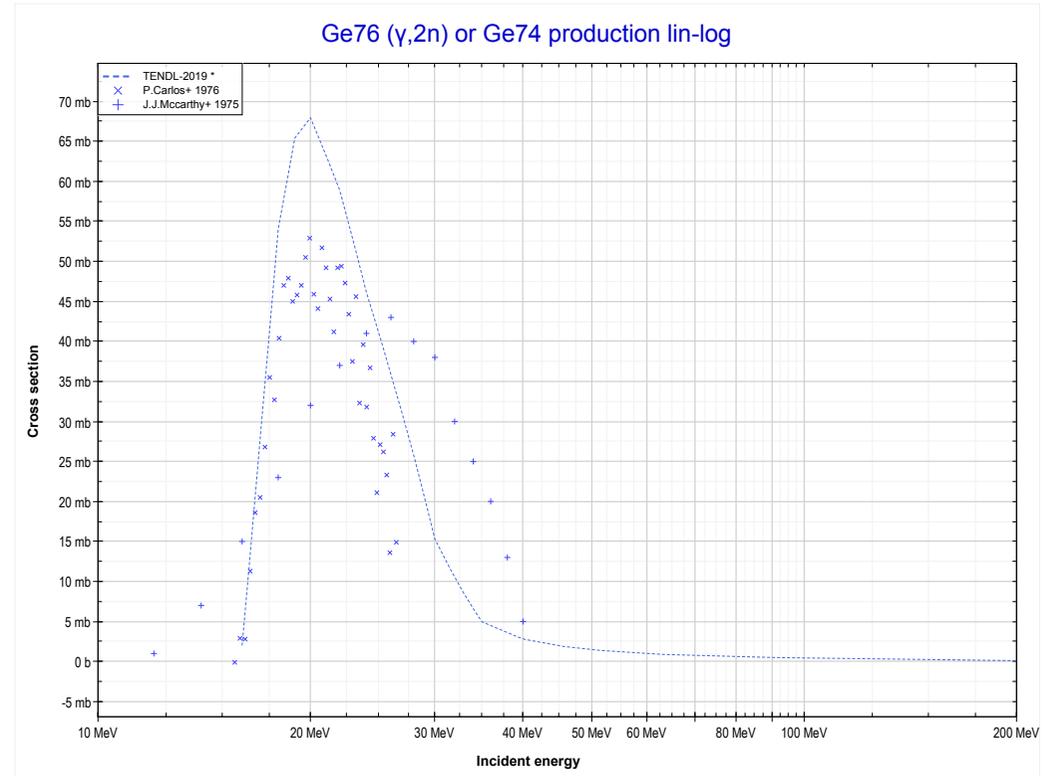
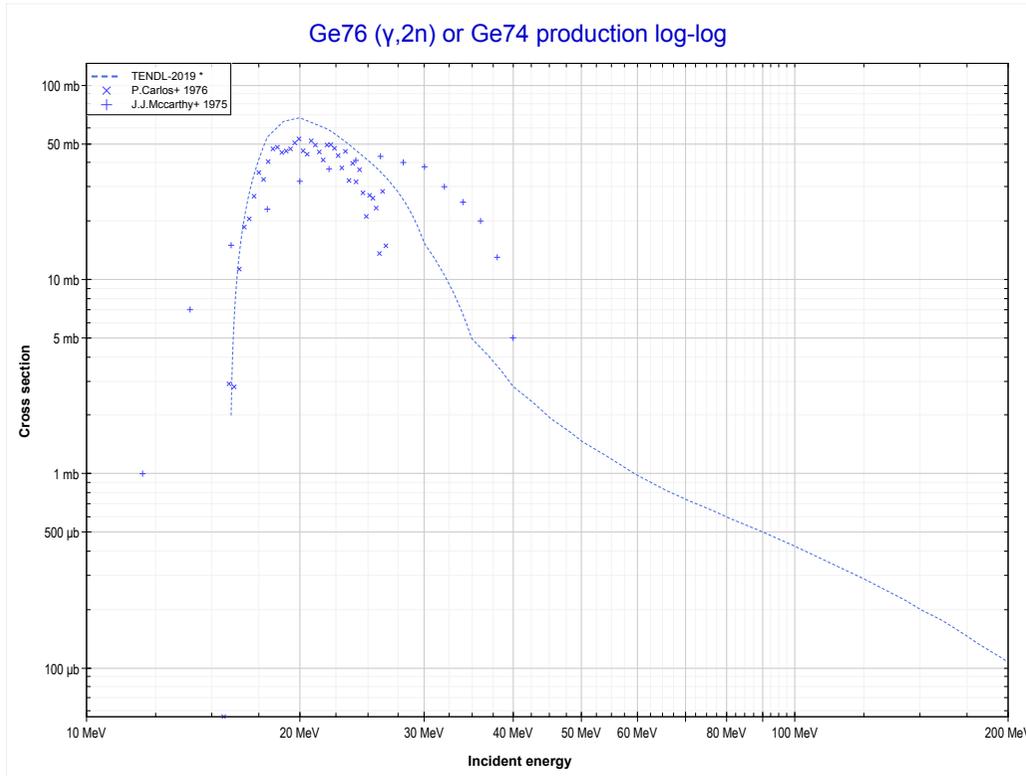
Reaction	Q-Value
Ge74($\gamma,2n$)Ge72	-16979.18 keV

<< 32-Ge-74	32-Ge-76	34-Se-74 >>
<< 32-Ge-74 MT16 ($\gamma,2n$)	MT4 (γ,n) or MT5 (Ge75 production)	MT16 ($\gamma,2n$) >>



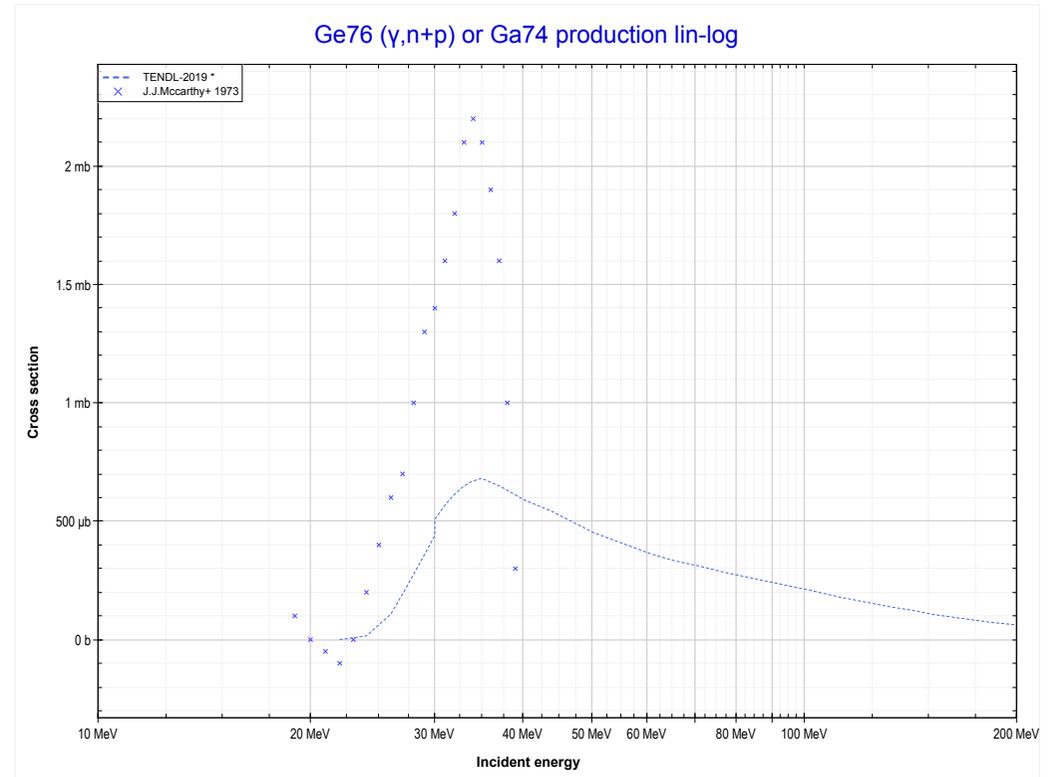
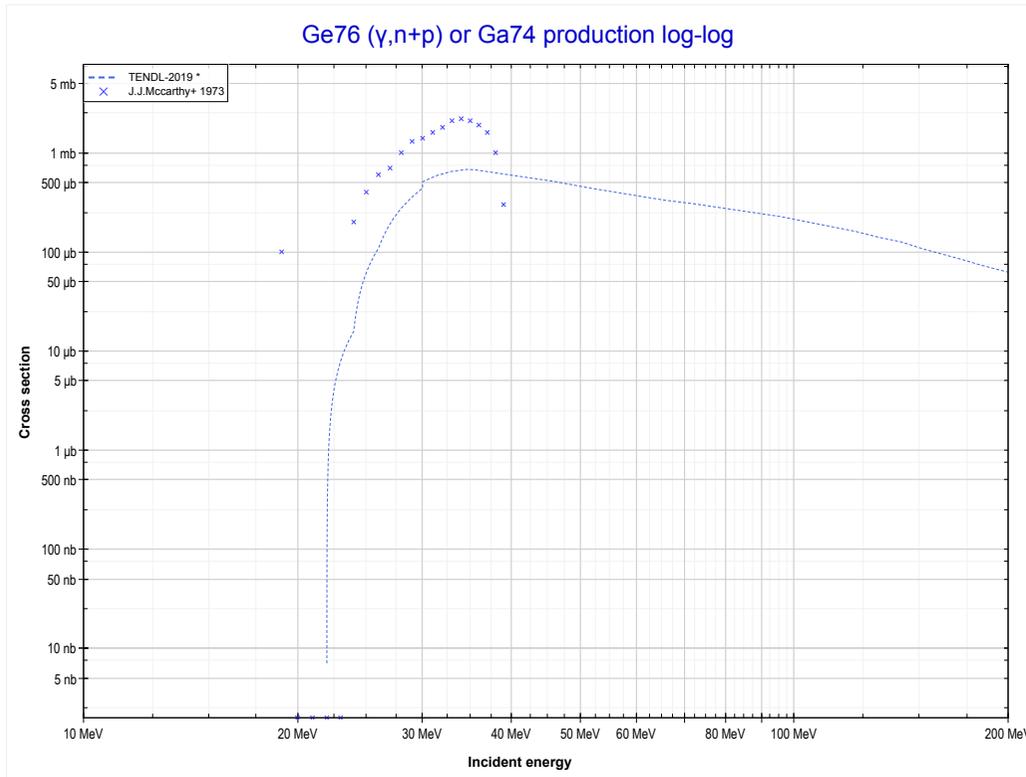
Reaction	Q-Value
Ge76(γ,n)Ge75	-9427.25 keV

<< 32-Ge-74	32-Ge-76	33-As-75 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Ge74 production)	MT28 ($\gamma,n+p$) >>



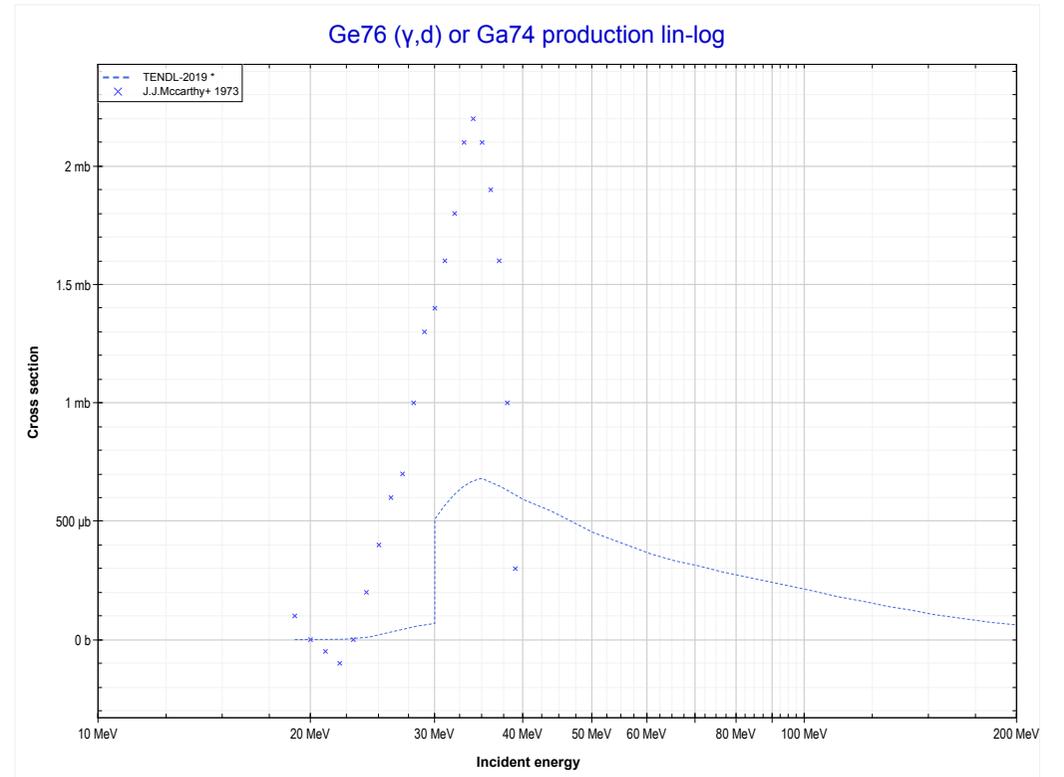
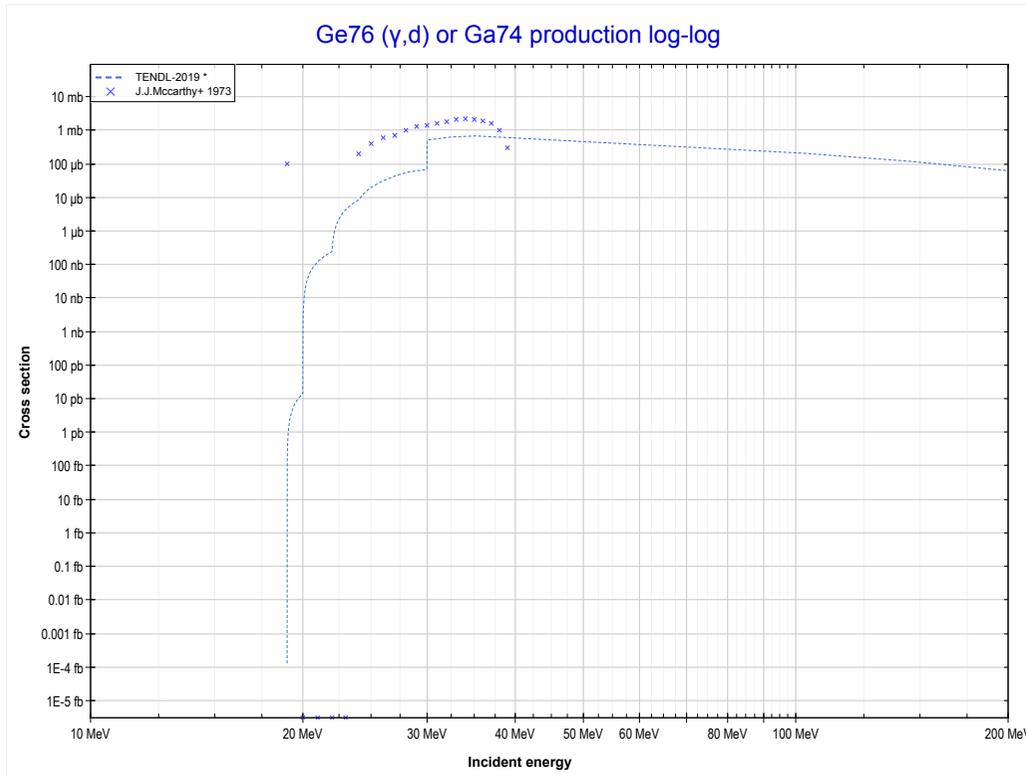
Reaction	Q-Value
Ge76($\gamma,2n$)Ge74	-15933.08 keV

<< 32-Ge-72	32-Ge-76	40-Zr-90 >>
<< MT16 ($\gamma,2n$)	MT28 ($\gamma,n+p$) or MT5 (Ga74 production)	MT104 (γ,d) >>



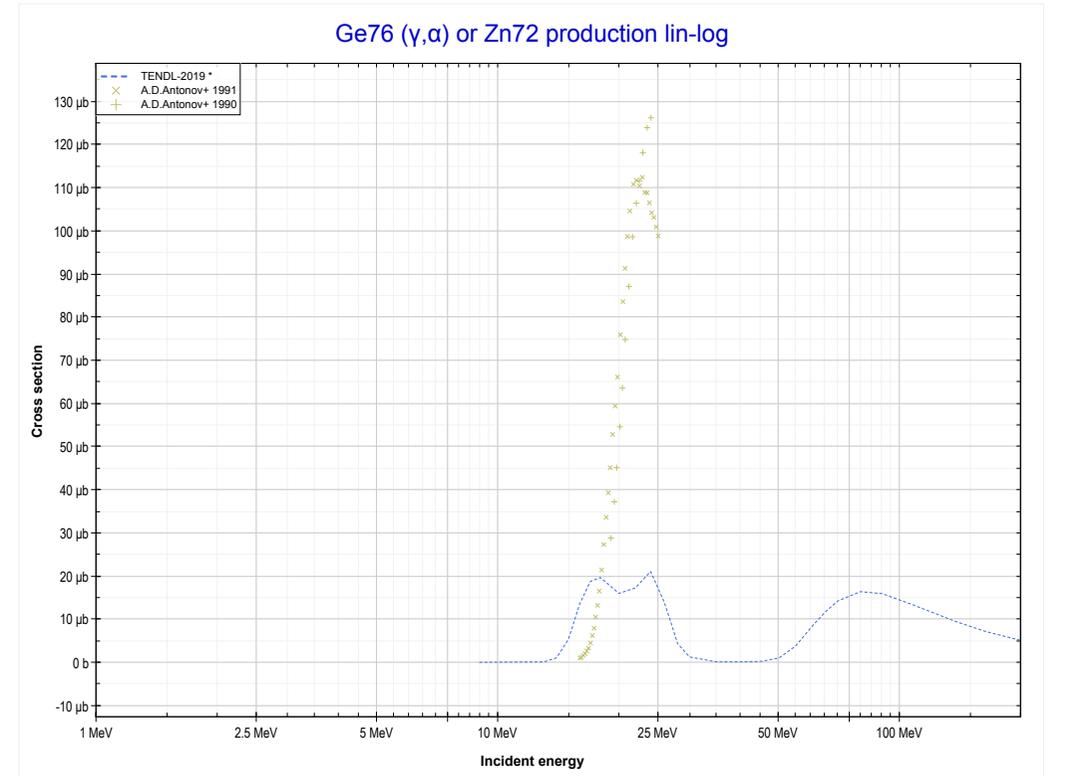
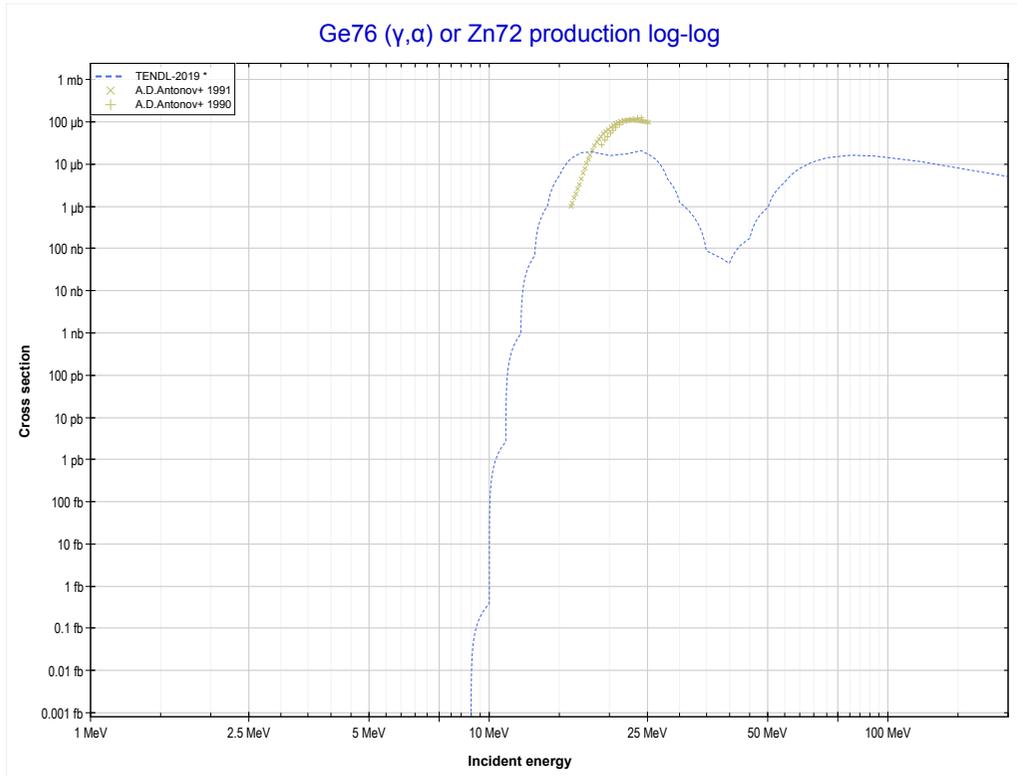
Reaction	Q-Value
$^{76}\text{Ge}(\gamma,d)^{74}\text{Ga}$	-18299.01 keV
$^{76}\text{Ge}(\gamma,n+p)^{74}\text{Ga}$	-20523.58 keV

<< 32-Ge-72	32-Ge-76	40-Zr-90 >>
<< MT28 ($\gamma, n+p$)	MT104 (γ, d) or MT5 (Ga74 production)	MT107 (γ, α) >>



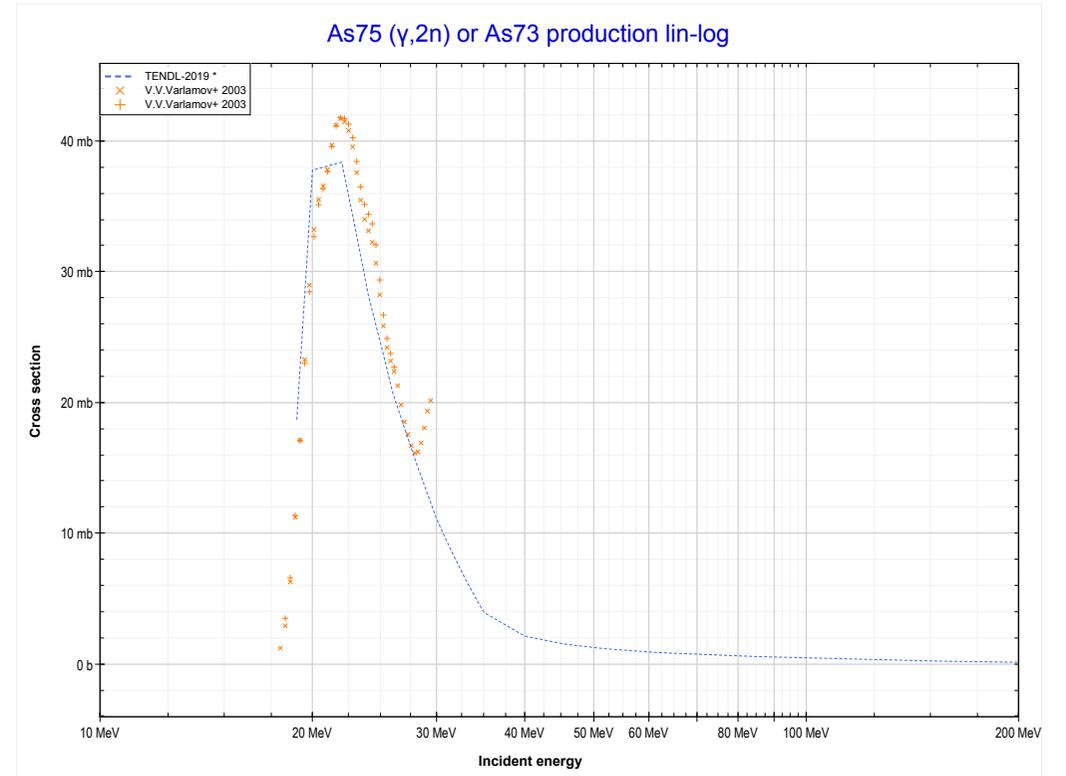
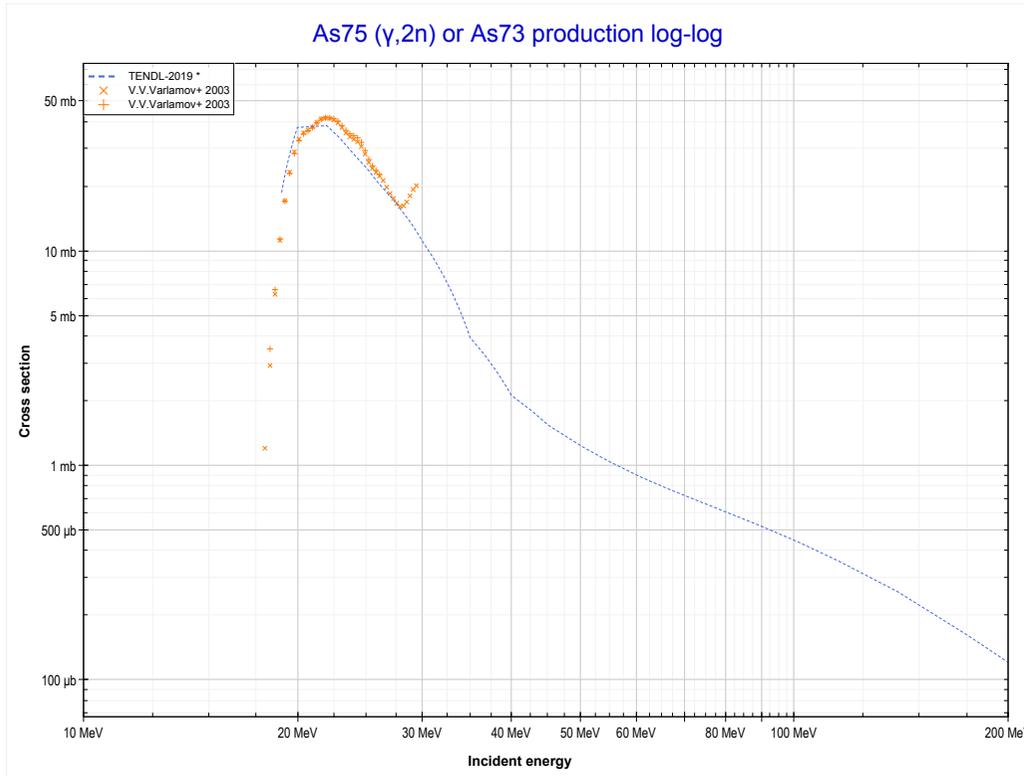
Reaction	Q-Value
$^{76}\text{Ge}(\gamma, d)^{74}\text{Ga}$	-18299.01 keV
$^{76}\text{Ge}(\gamma, n+p)^{74}\text{Ga}$	-20523.58 keV

<< 29-Cu-65	32-Ge-76	37-Rb-87 >>
<< MT104 (γ,d)	MT107 (γ,α) or MT5 (Zn72 production)	33-As-75 MT16 (γ,2n) >>



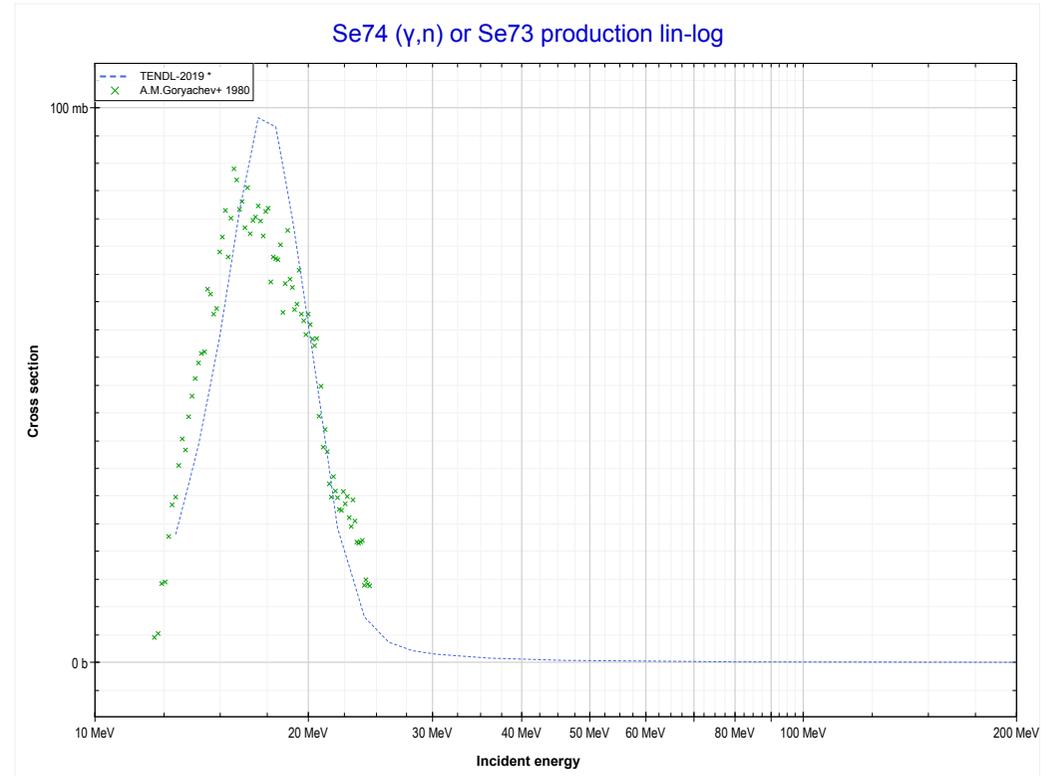
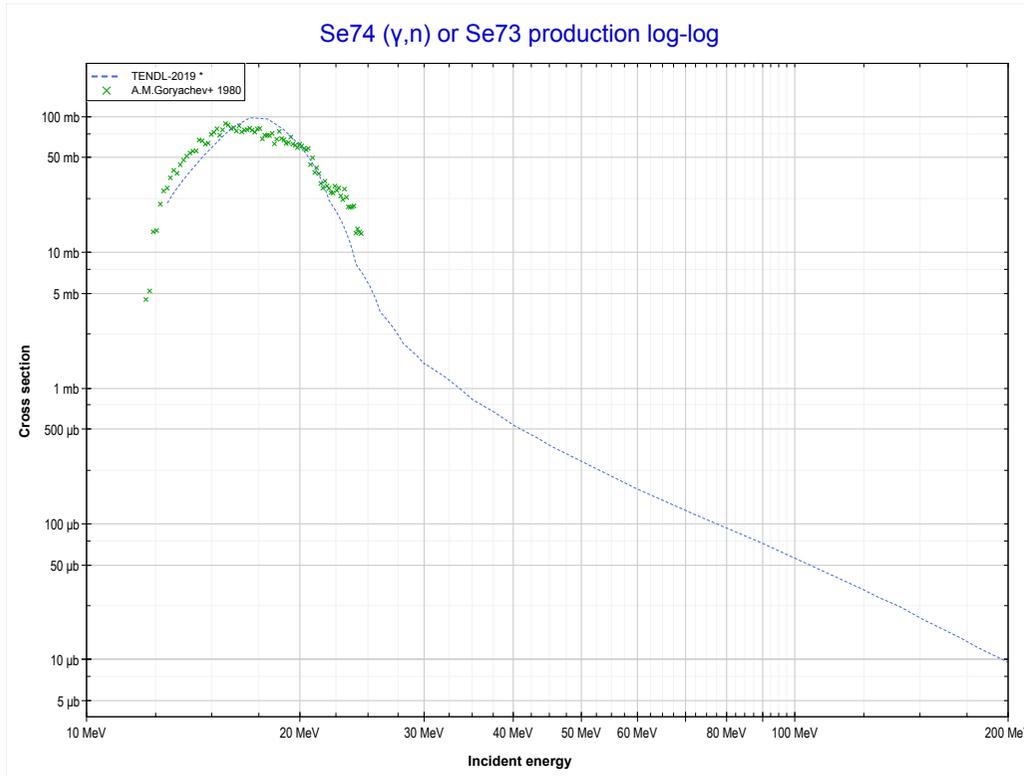
Reaction	Q-Value
Ge76(γ,α)Zn72	-7492.30 keV
Ge76(γ,p+t)Zn72	-27306.17 keV
Ge76(γ,n+He3)Zn72	-28069.92 keV
Ge76(γ,2d)Zn72	-31338.83 keV
Ge76(γ,n+p+d)Zn72	-33563.40 keV
Ge76(γ,2n+2p)Zn72	-35787.96 keV

<< 32-Ge-76	33-As-75	34-Se-76 >>
<< 32-Ge-76 MT107 (γ,α)	MT16 ($\gamma,2n$) or MT5 (As73 production)	34-Se-74 MT4 (γ,n) >>



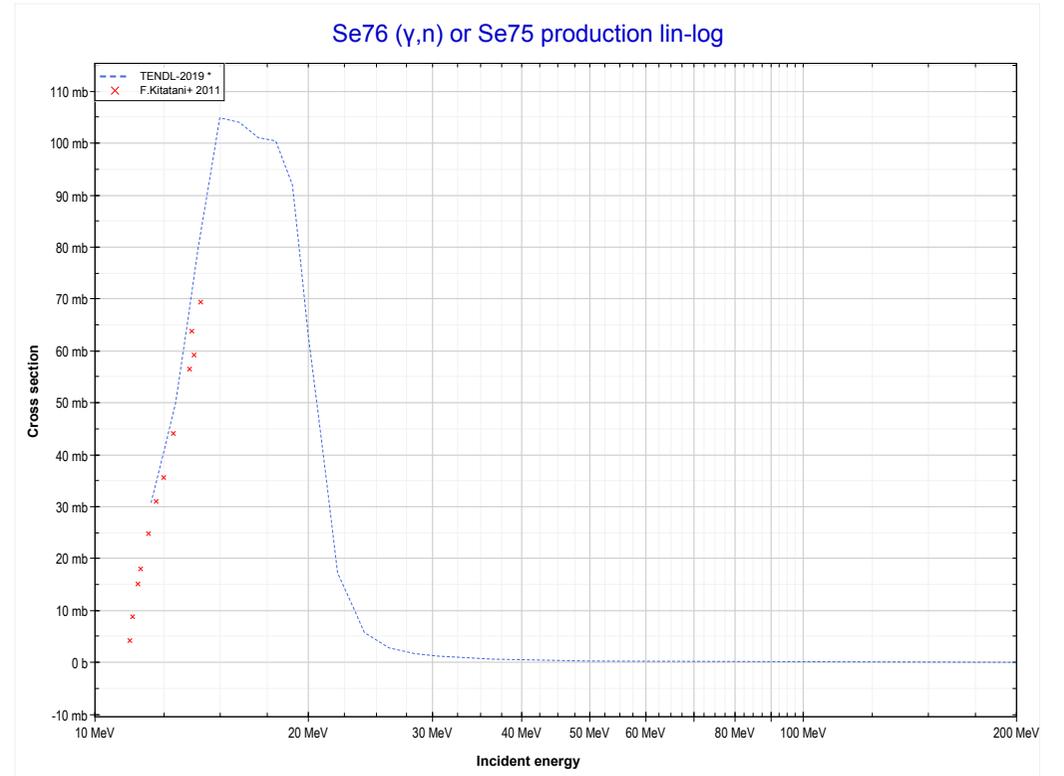
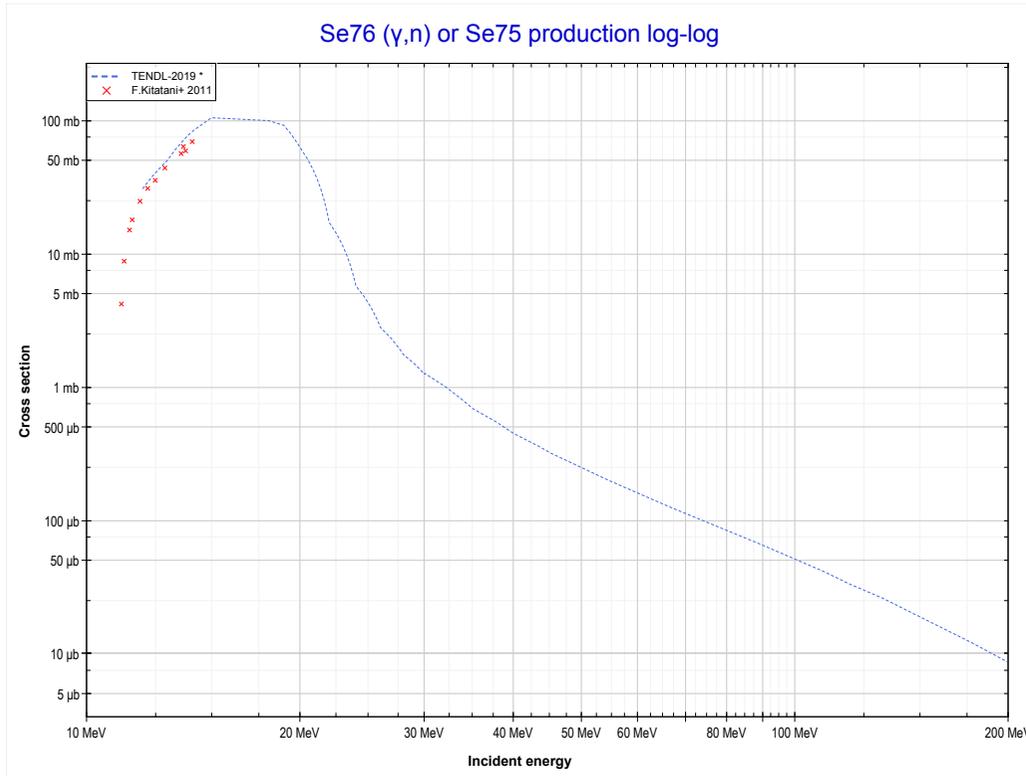
Reaction	Q-Value
As75($\gamma,2n$)As73	-18223.83 keV

<< 32-Ge-76	34-Se-74	34-Se-76 >>
<< 33-As-75 MT16 ($\gamma,2n$)	MT4 (γ,n) or MT5 (Se73 production)	34-Se-76 MT4 (γ,n) >>



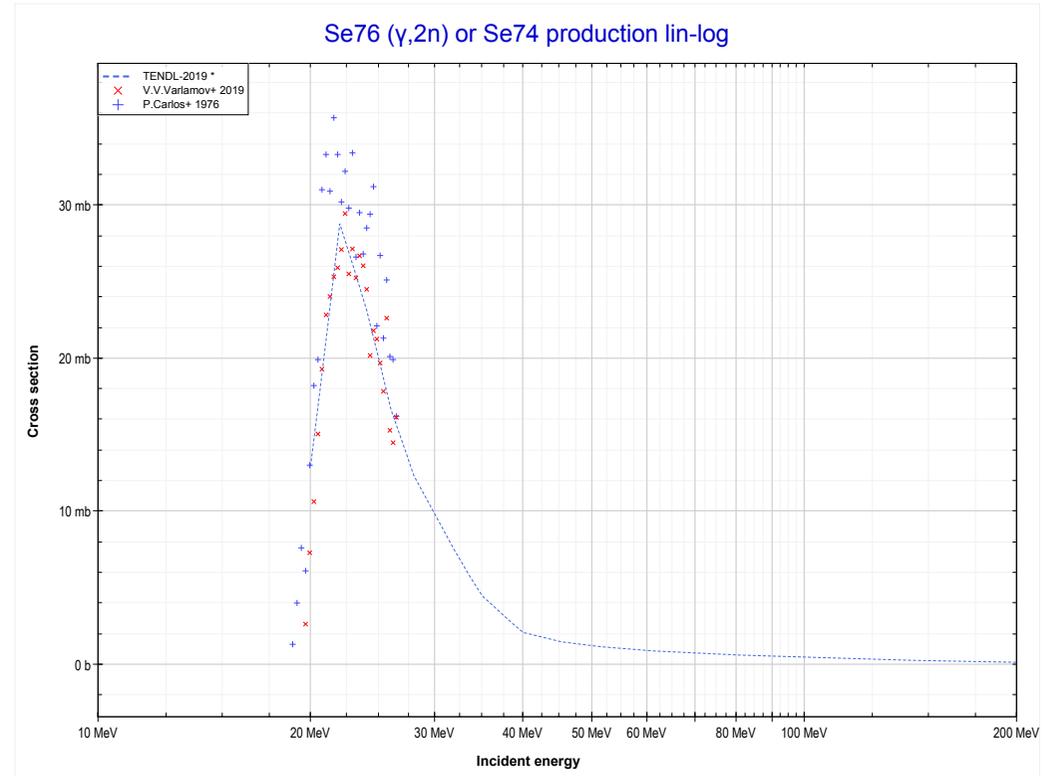
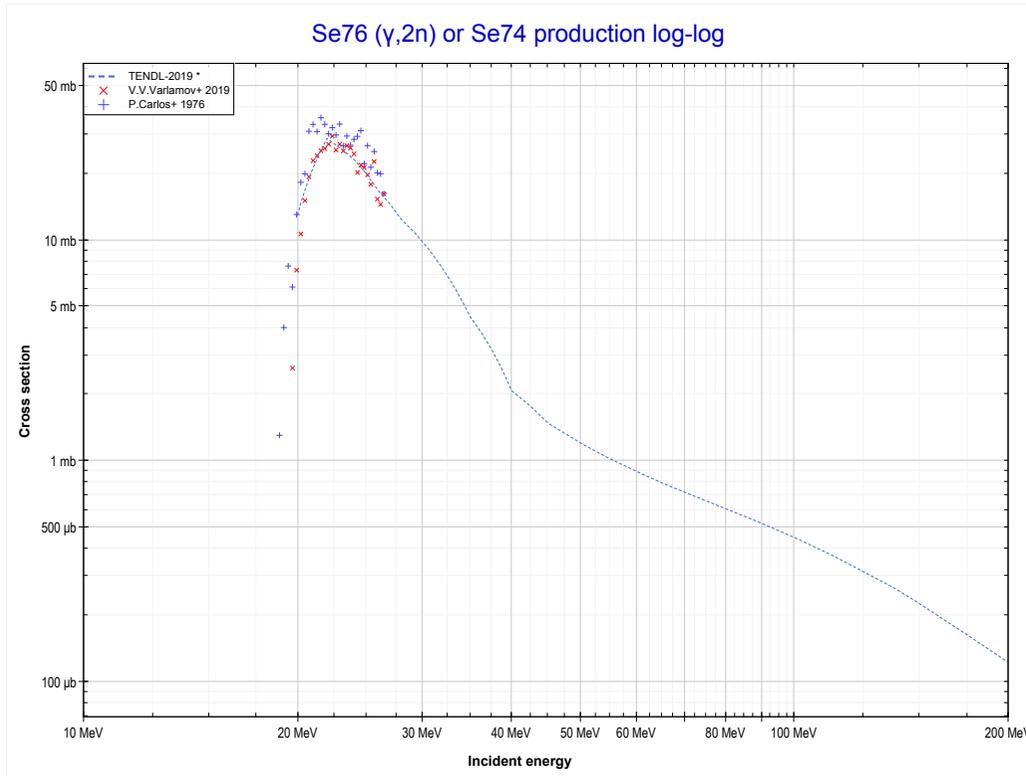
Reaction	Q-Value
Se74(γ,n)Se73	-12057.52 keV

<< 34-Se-74	34-Se-76	34-Se-77 >>
<< 34-Se-74 MT4 (γ,n)	MT4 (γ,n) or MT5 (Se75 production)	MT16 (γ,2n) >>



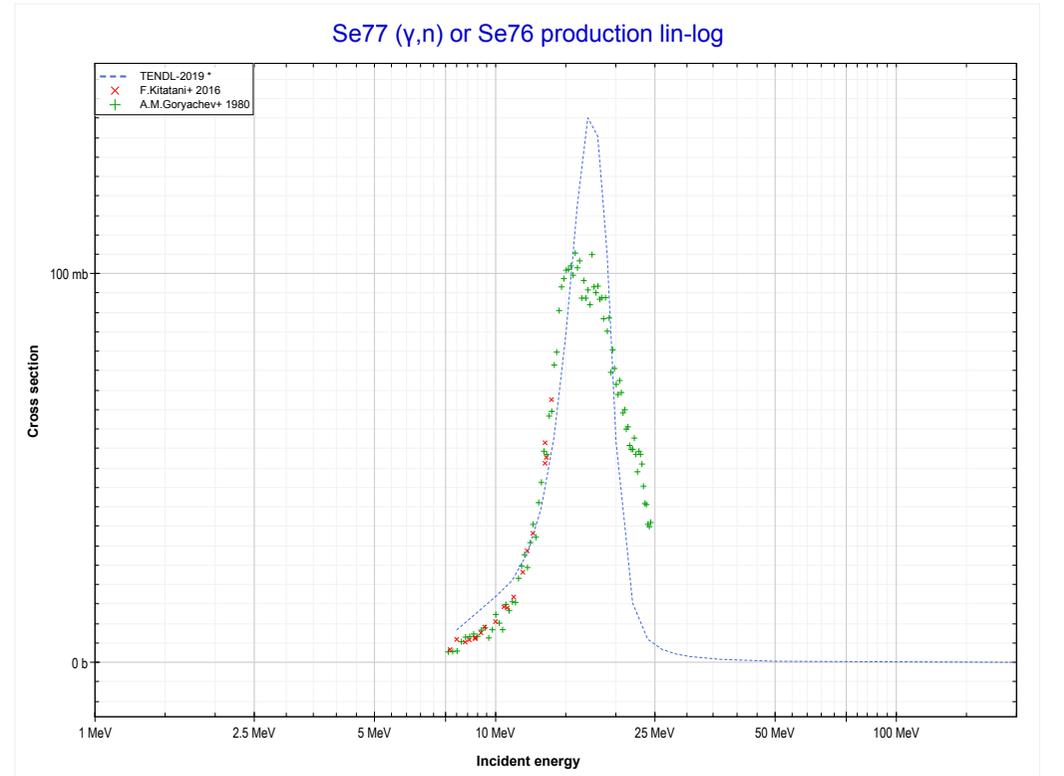
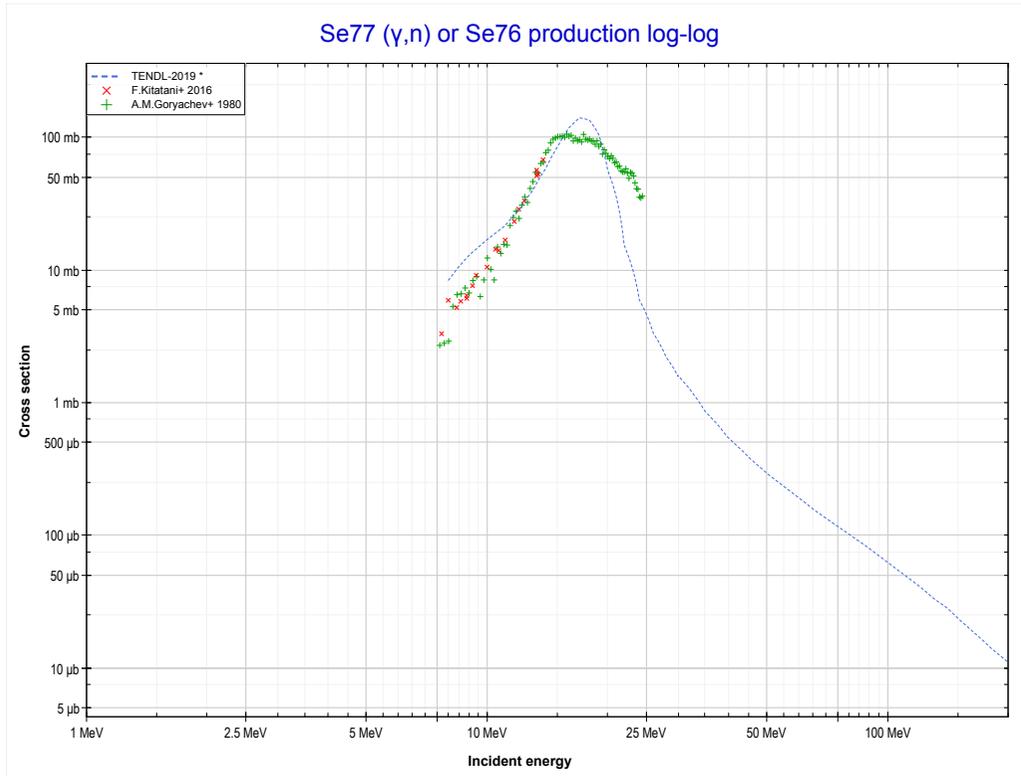
Reaction	Q-Value
Se76(γ,n)Se75	-11153.79 keV

<< 33-As-75	34-Se-76	34-Se-78 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Se74 production)	34-Se-77 MT4 (γ,n) >>



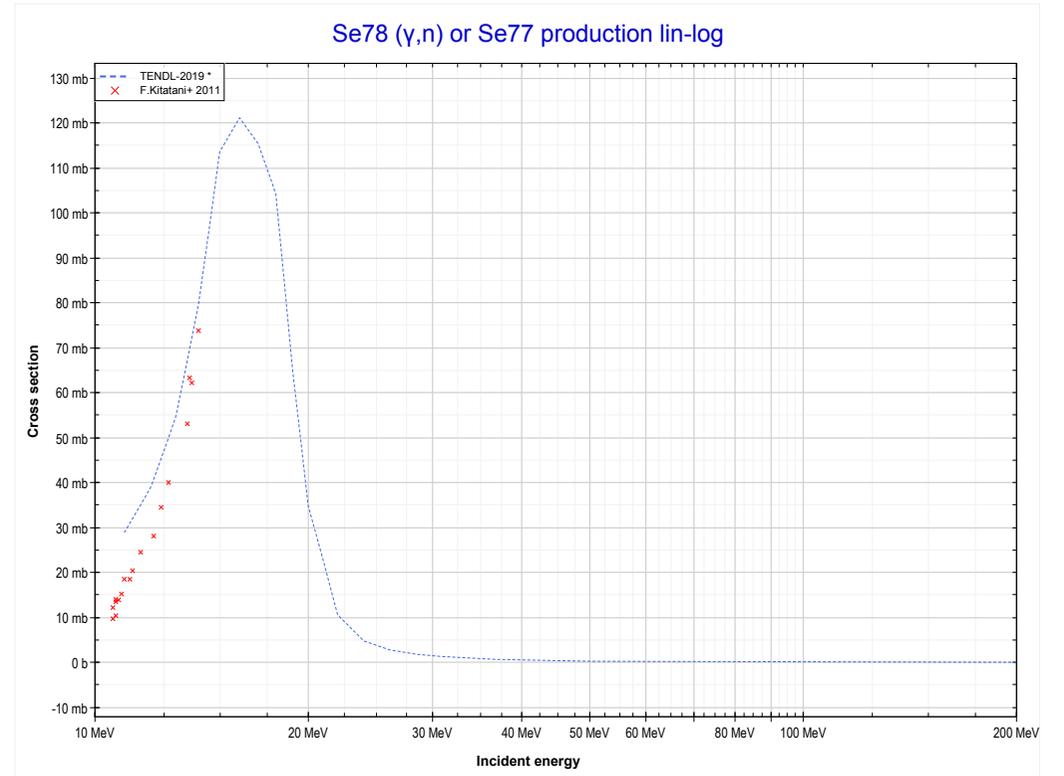
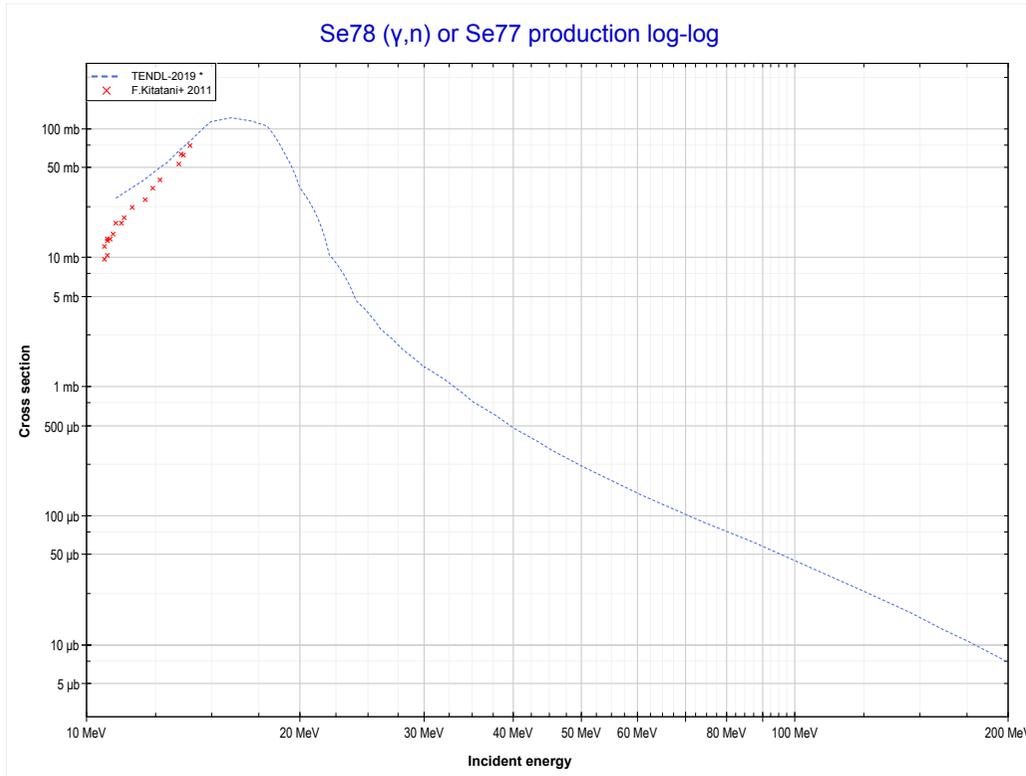
Reaction	Q-Value
Se76($\gamma,2n$)Se74	-19181.38 keV

<< 34-Se-76	34-Se-77	34-Se-78 >>
<< 34-Se-76 MT16 ($\gamma,2n$)	MT4 (γ,n) or MT5 (Se76 production)	34-Se-78 MT4 (γ,n) >>



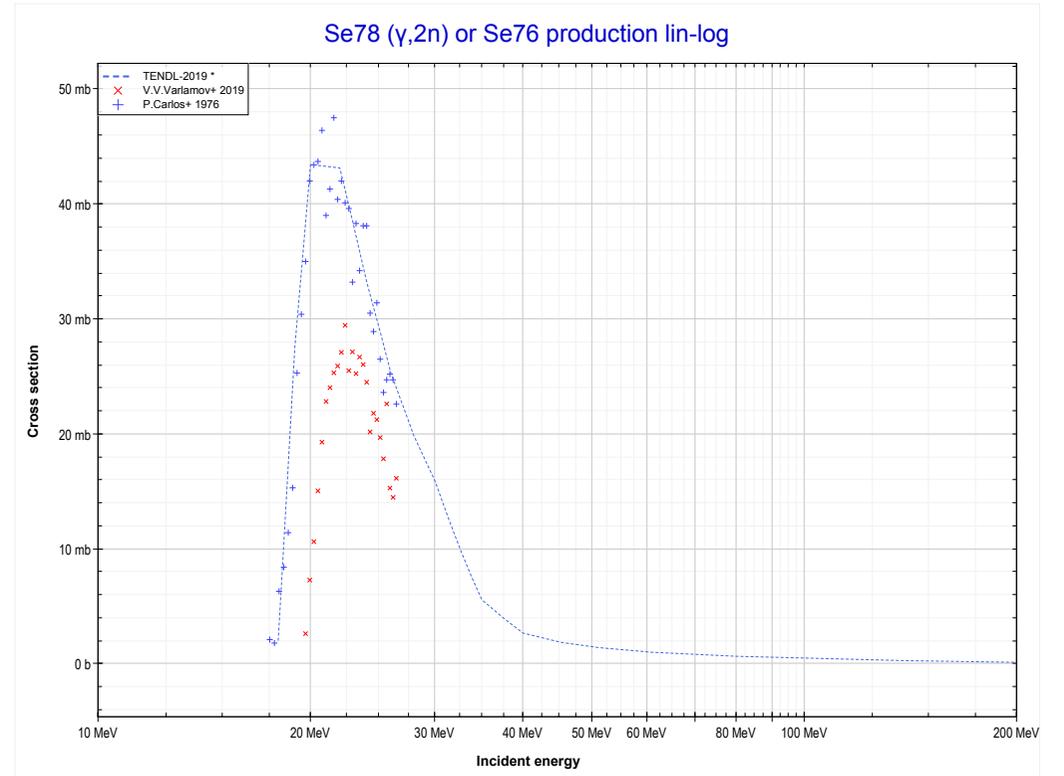
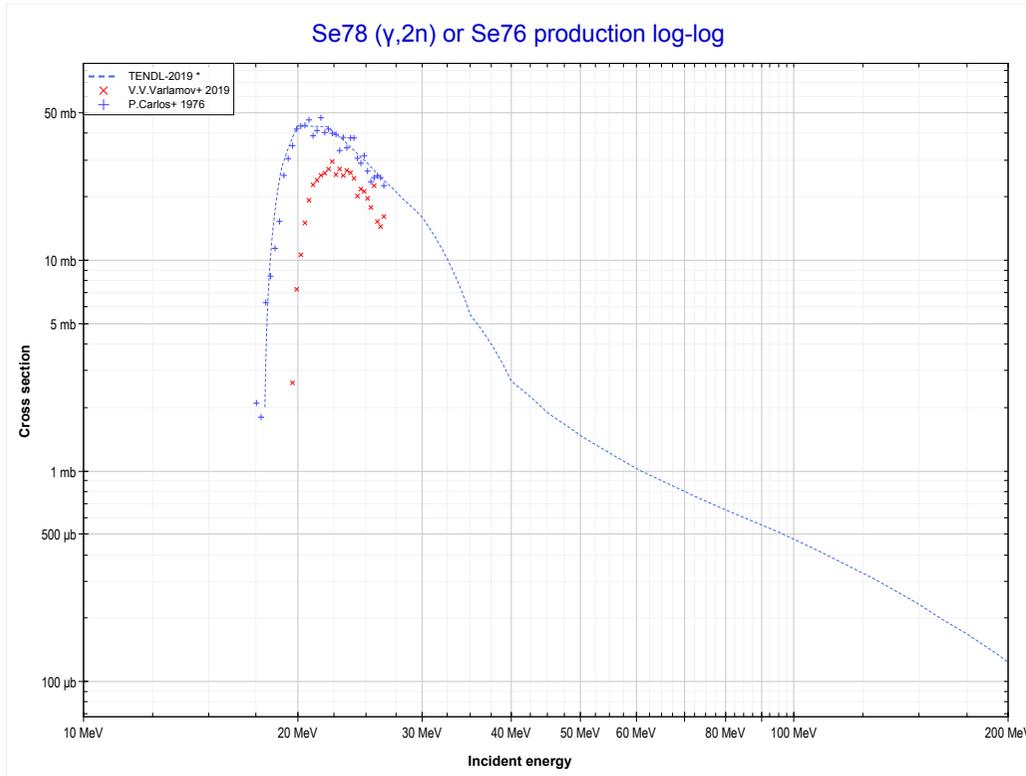
Reaction	Q-Value
Se77(γ,n)Se76	-7418.86 keV

<< 34-Se-77	34-Se-78	34-Se-80 >>
<< 34-Se-77 MT4 (γ,n)	MT4 (γ,n) or MT5 (Se77 production)	MT16 ($\gamma,2n$) >>



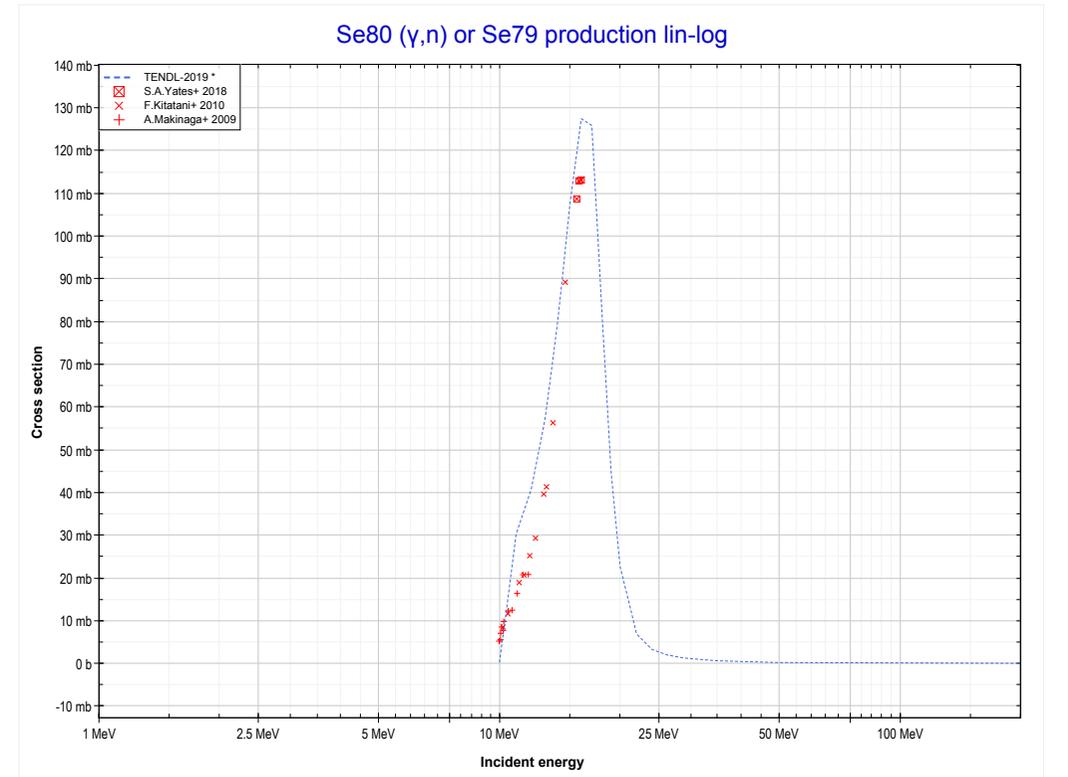
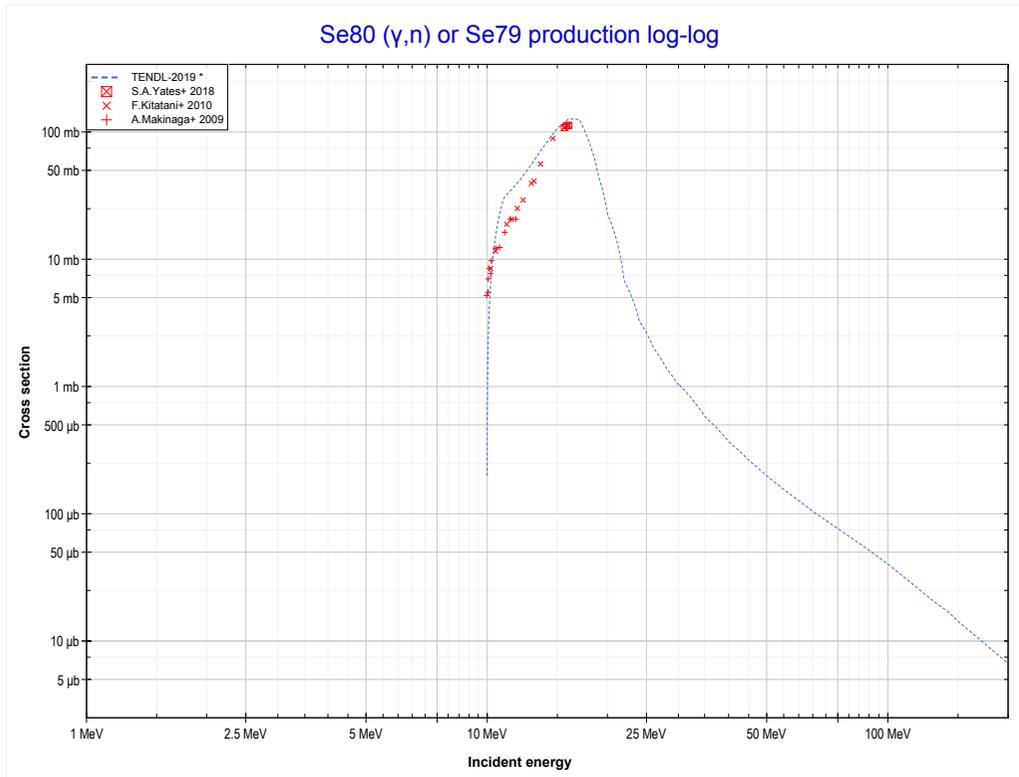
Reaction	Q-Value
$^{78}\text{Se}(\gamma,n)^{77}\text{Se}$	-10497.77 keV

<< 34-Se-76	34-Se-78	34-Se-80 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Se76 production)	34-Se-80 MT4 (γ,n) >>



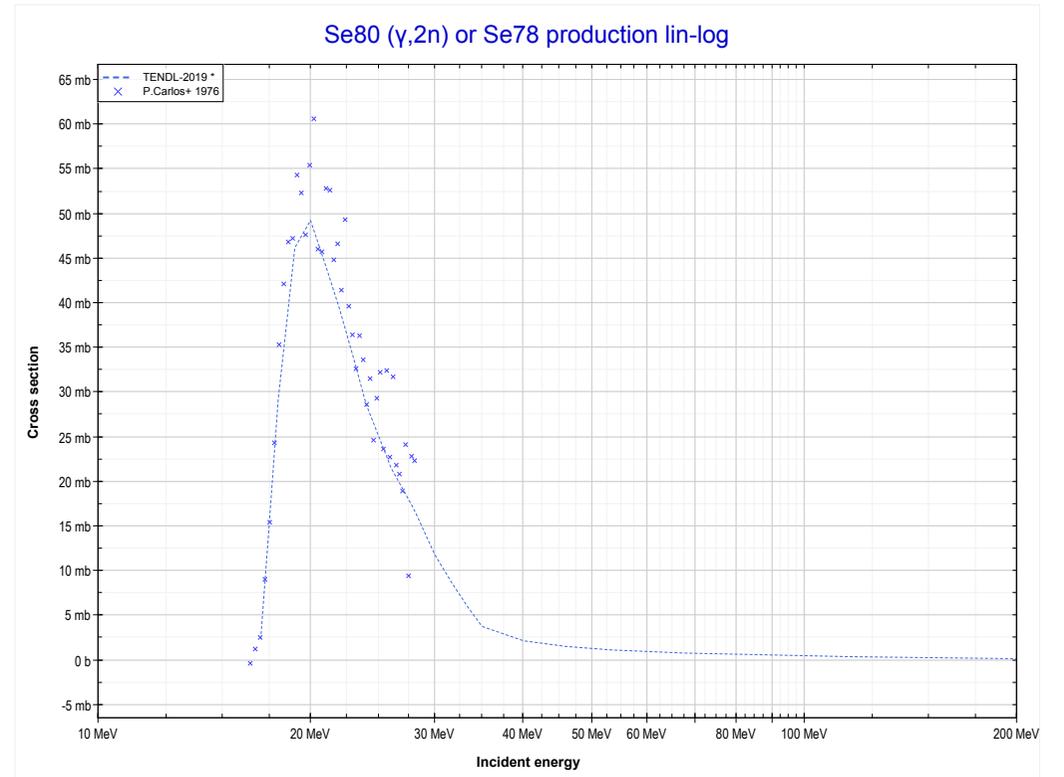
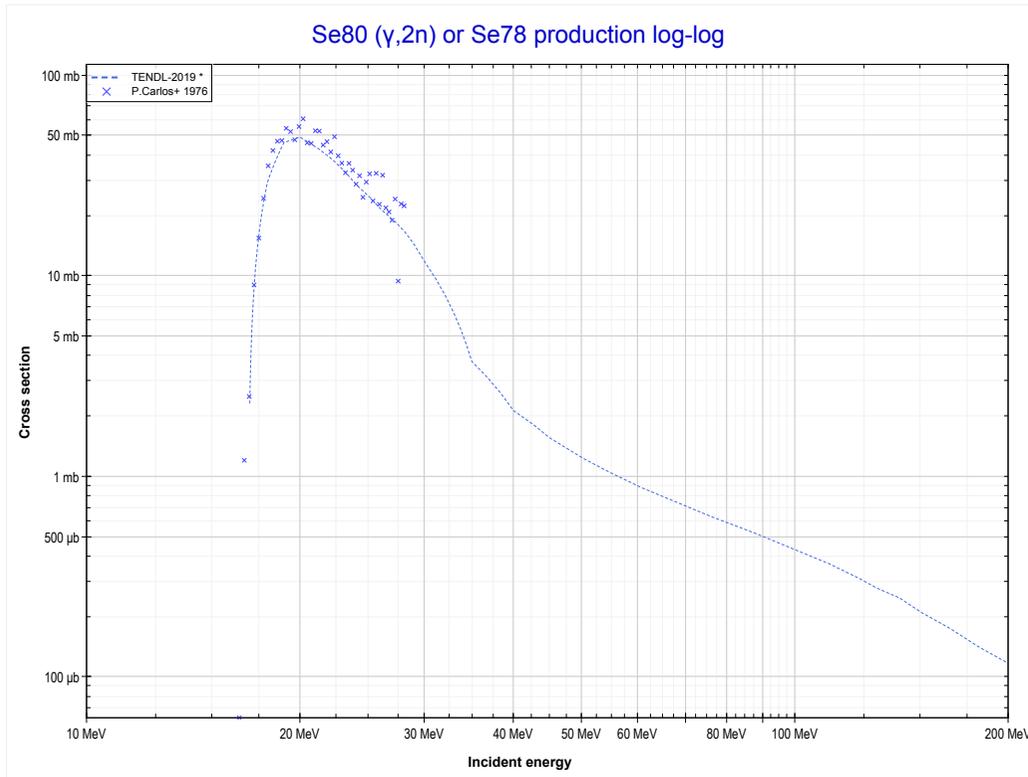
Reaction	Q-Value
Se78($\gamma,2n$)Se76	-17916.62 keV

<< 34-Se-78	34-Se-80	34-Se-82 >>
<< 34-Se-78 MT16 (γ,2n)	MT4 (γ,n) or MT5 (Se79 production)	MT16 (γ,2n) >>



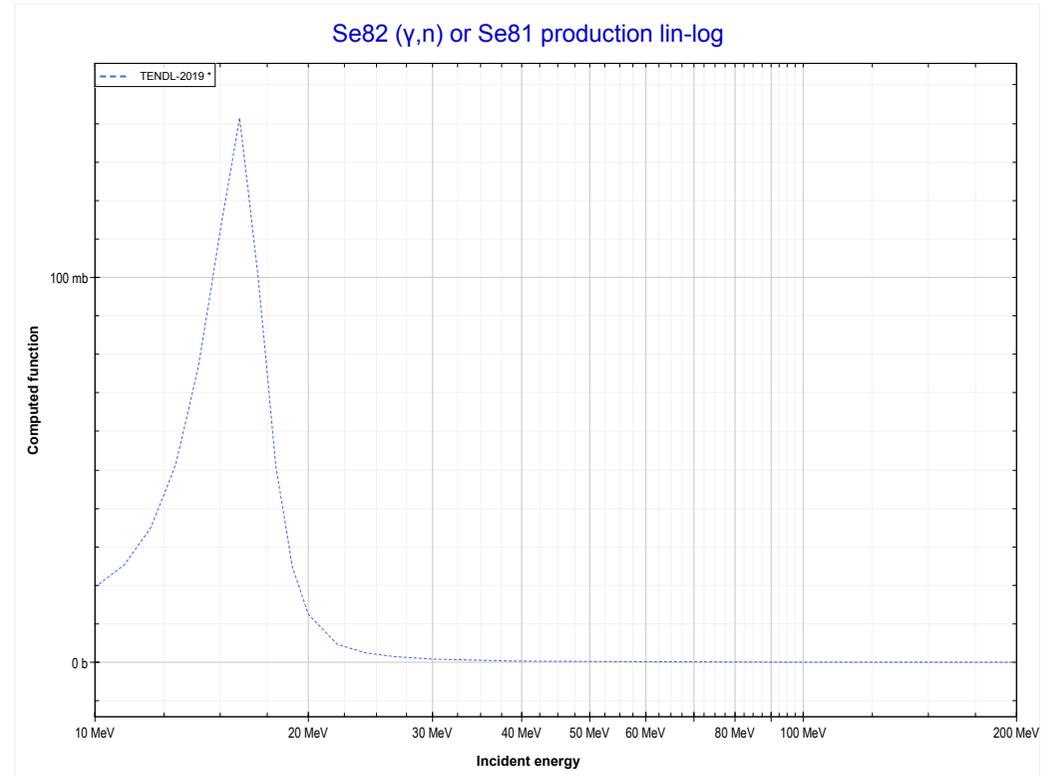
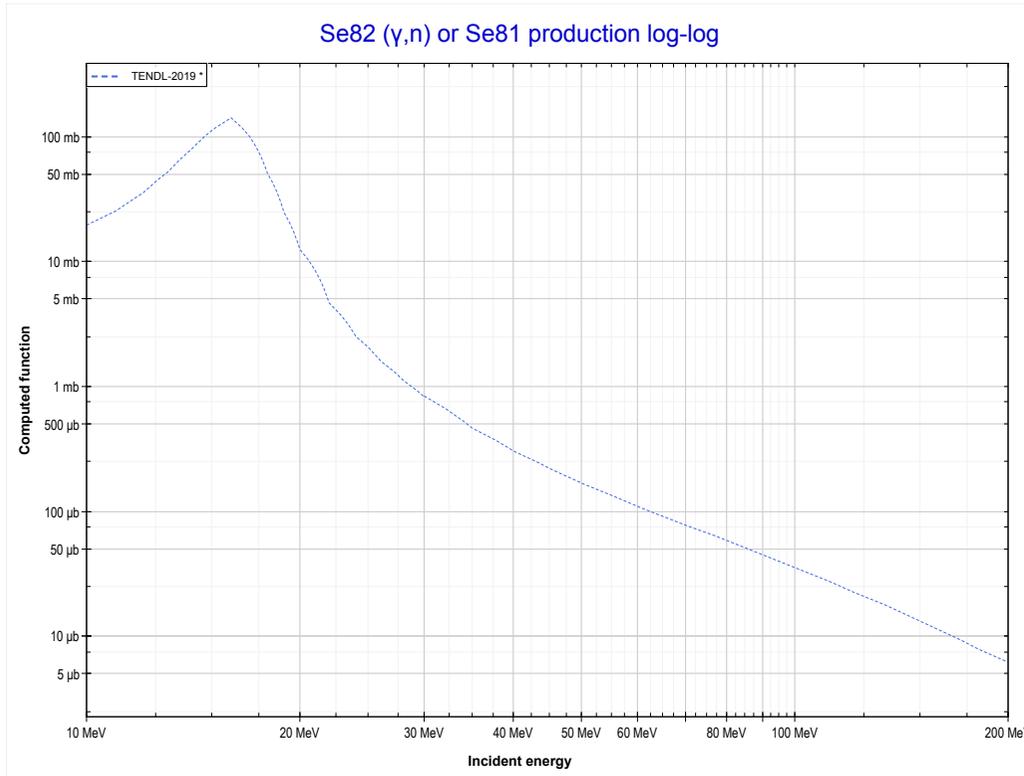
Reaction	Q-Value
Se80(γ,n)Se79	-9913.36 keV

<< 34-Se-78	34-Se-80	34-Se-82 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Se78 production)	34-Se-82 MT4 (γ,n) >>



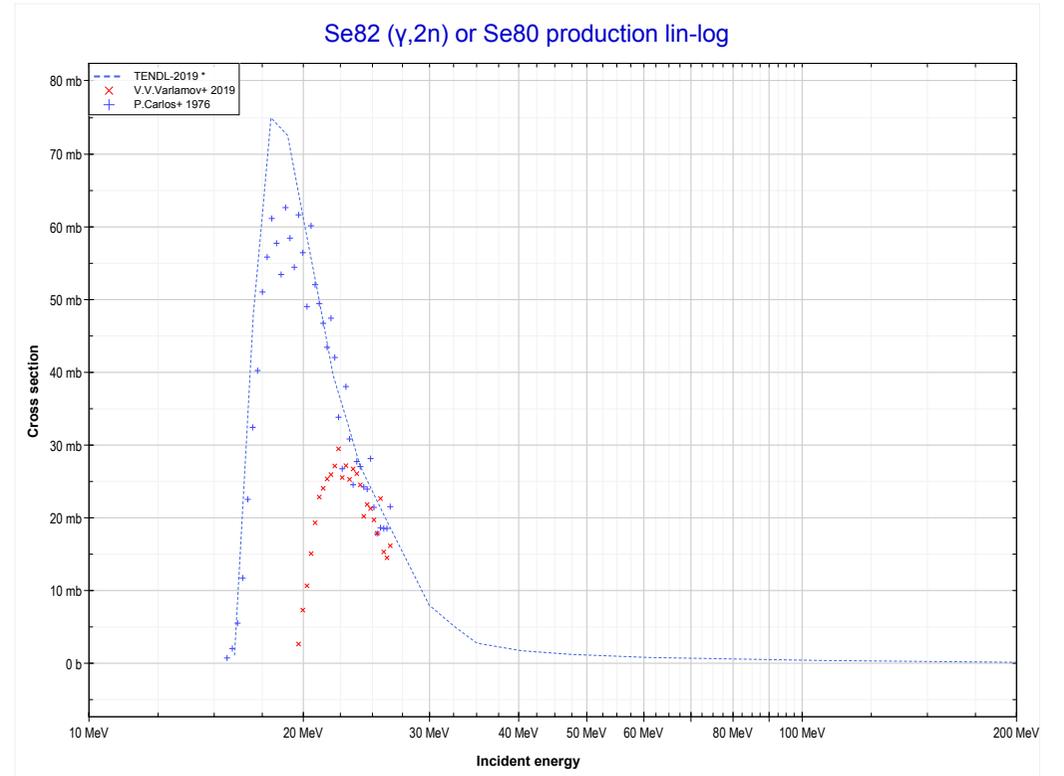
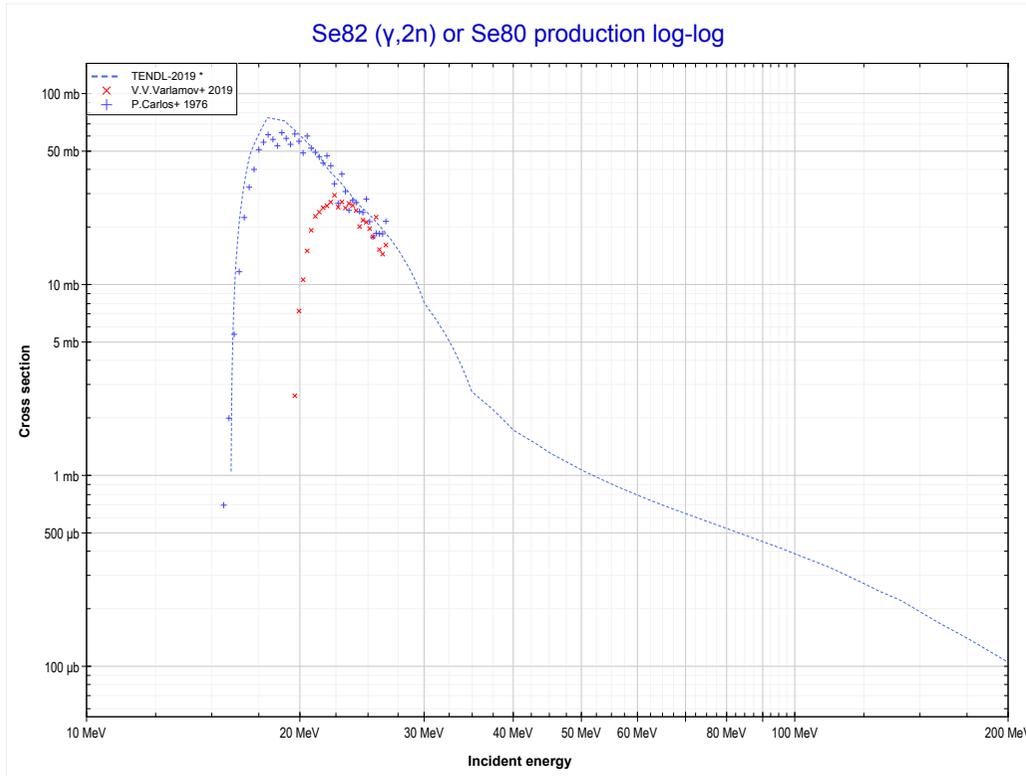
Reaction	Q-Value
Se80($\gamma,2n$)Se78	-16876.19 keV

<< 34-Se-80	34-Se-82	35-Br-79 >>
<< 34-Se-80 MT16 (γ,2n)	MT4 (γ,n) or MT5 (Se81 production)	MT16 (γ,2n) >>



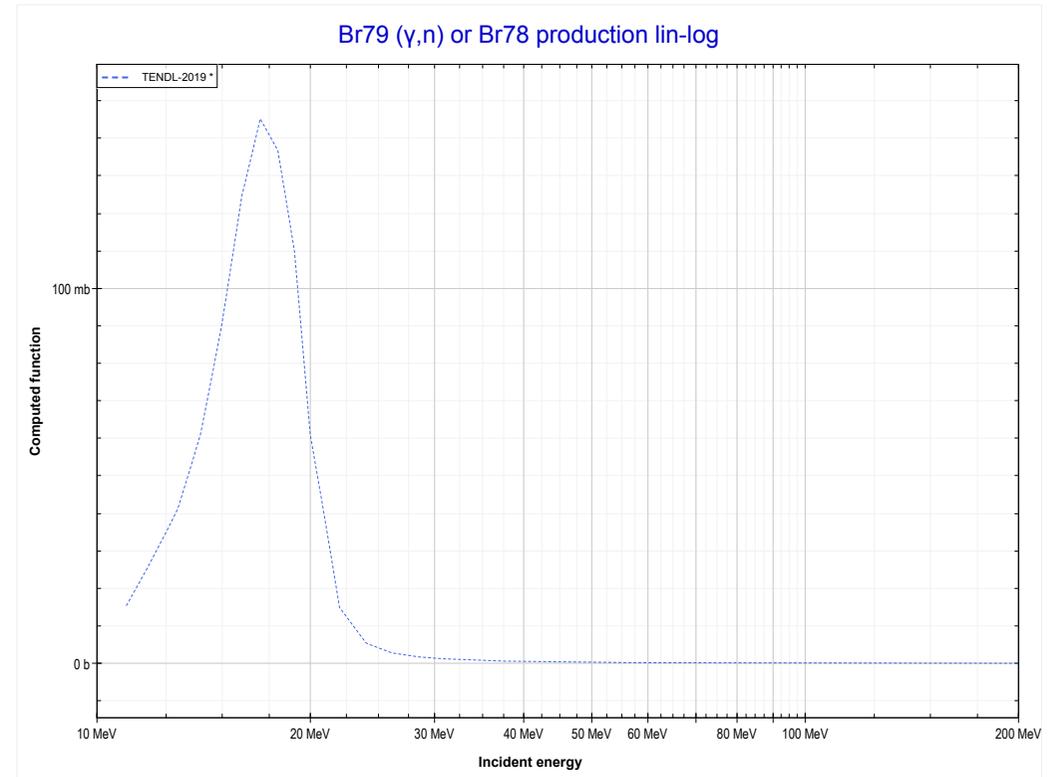
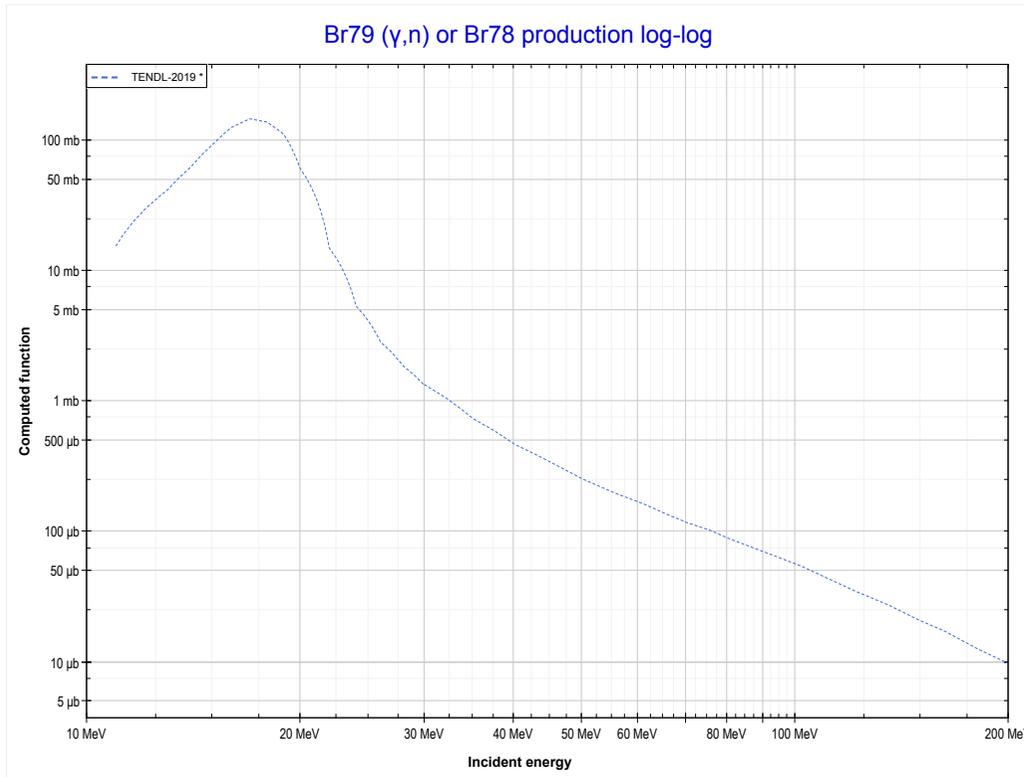
Reaction	Q-Value
Se82(γ,n)Se81	-9276.22 keV

<< 34-Se-80	34-Se-82	39-Y-89 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Se80 production)	35-Br-79 MT4 (γ,n) >>



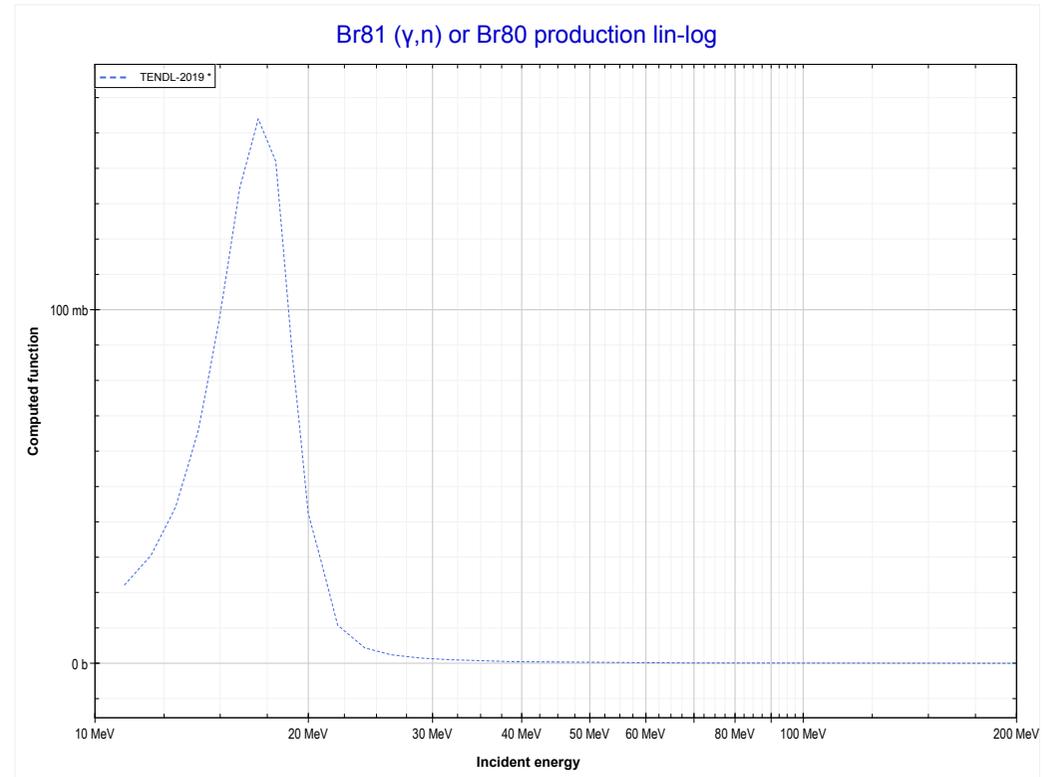
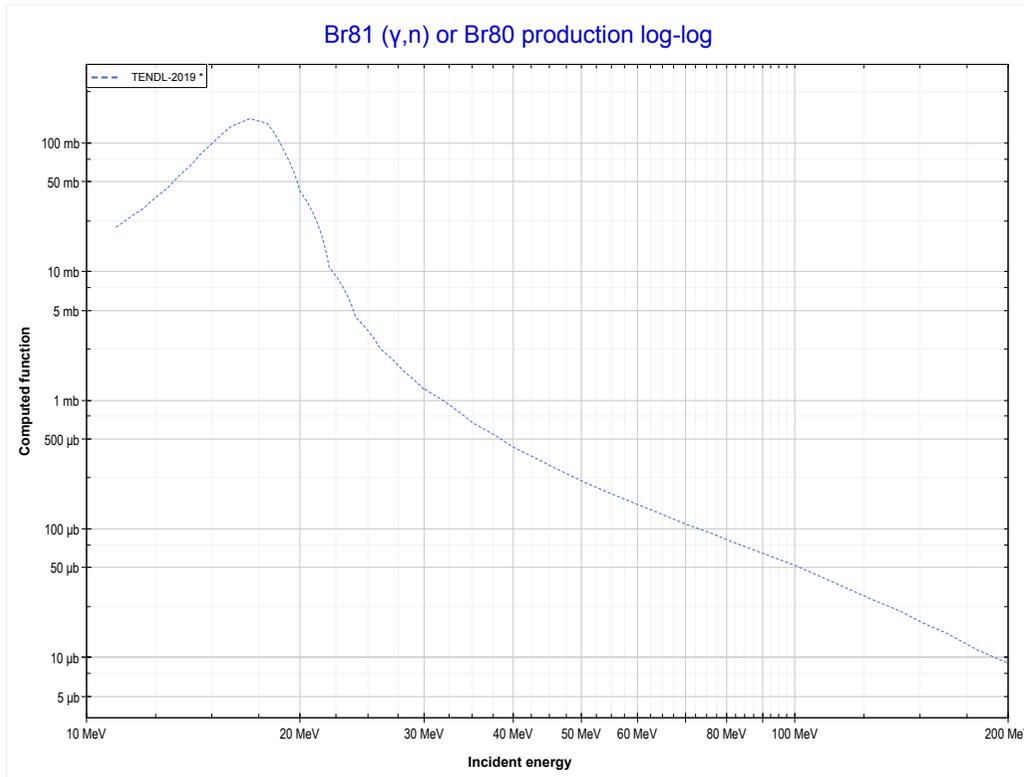
Reaction	Q-Value
Se82($\gamma,2n$)Se80	-15977.03 keV

<< 34-Se-82	35-Br-79	35-Br-81 >>
<< 34-Se-82 MT16 (γ,2n)	MT4 (γ,n) or MT5 (Br78 production)	35-Br-81 MT4 (γ,n) >>



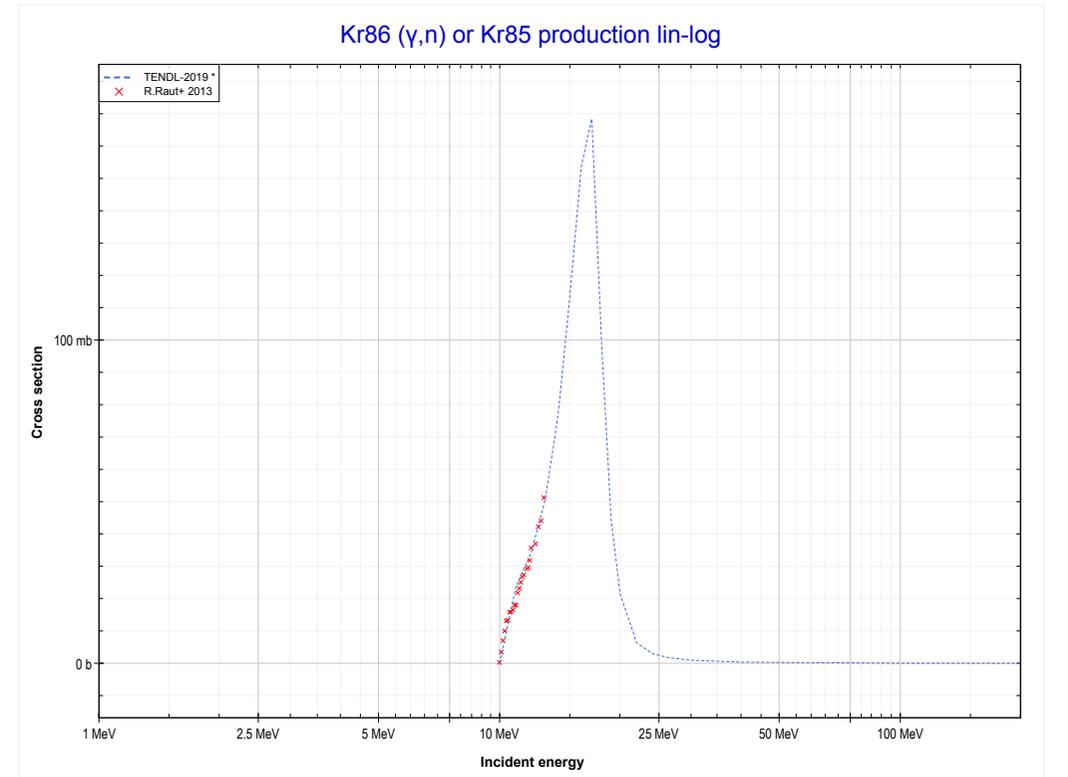
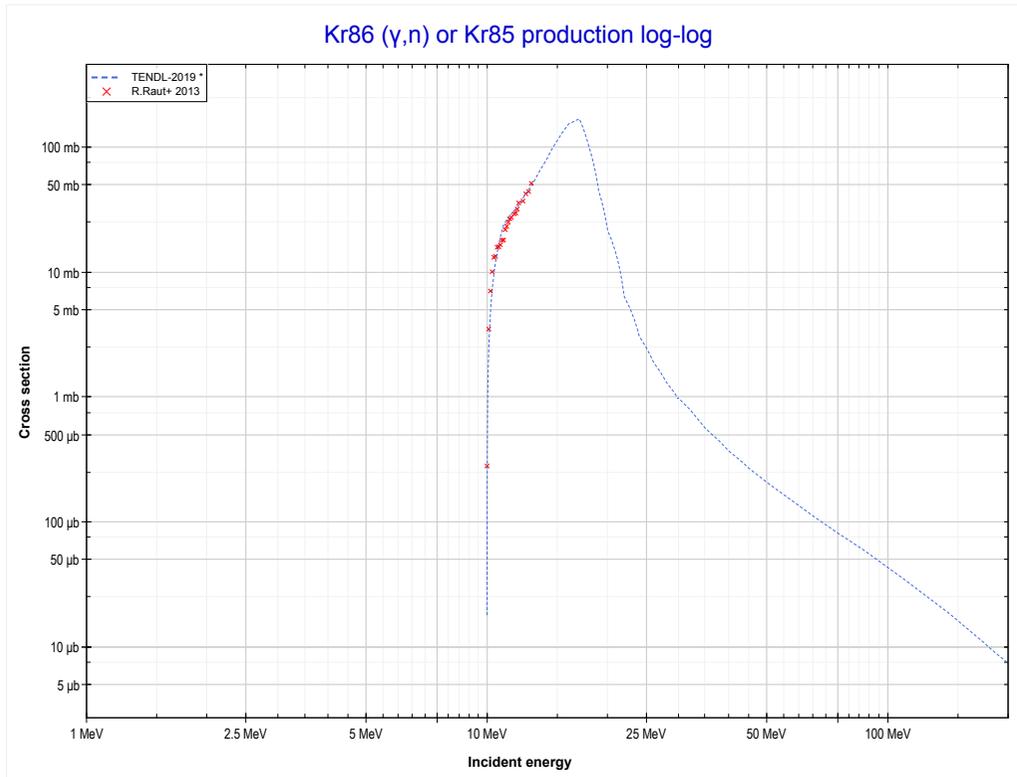
Reaction	Q-Value
Br79(γ,n)Br78	-10687.32 keV

<< 35-Br-79	35-Br-81	36-Kr-86 >>
<< 35-Br-79 MT4 (γ,n)	MT4 (γ,n) or MT5 (Br80 production)	36-Kr-86 MT4 (γ,n) >>



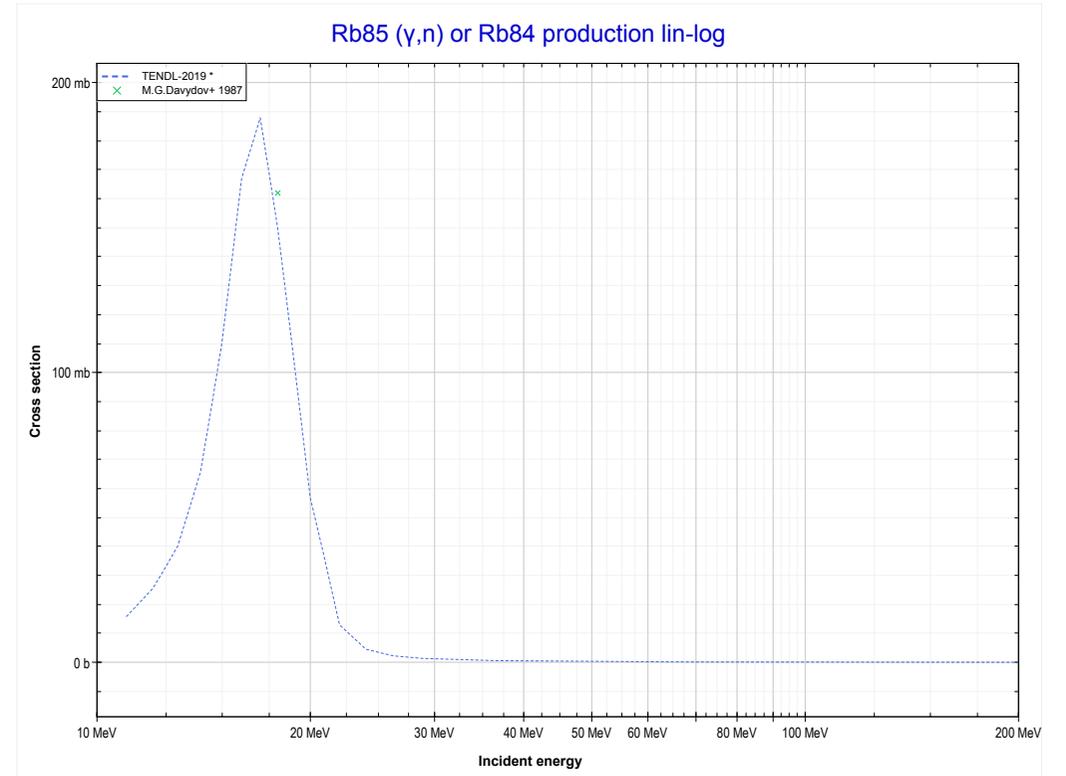
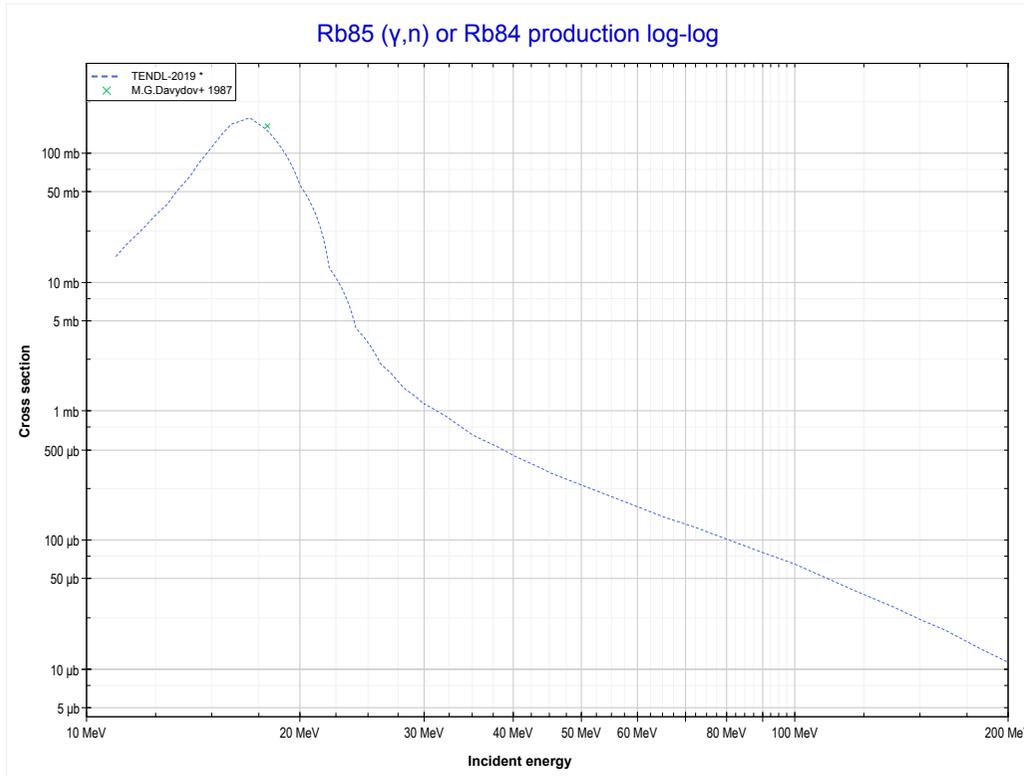
Reaction	Q-Value
Br81(γ,n)Br80	-10159.32 keV

<< 35-Br-81	36-Kr-86	37-Rb-85 >>
<< 35-Br-81 MT4 (γ,n)	MT4 (γ,n) or MT5 (Kr85 production)	37-Rb-85 MT4 (γ,n) >>



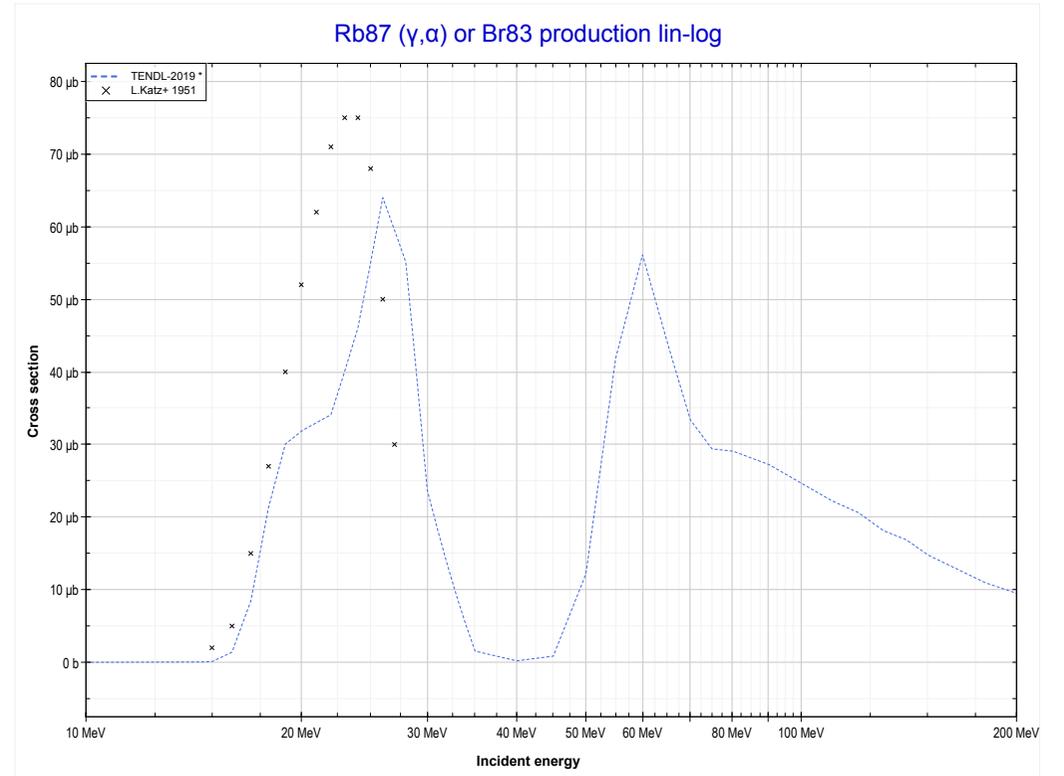
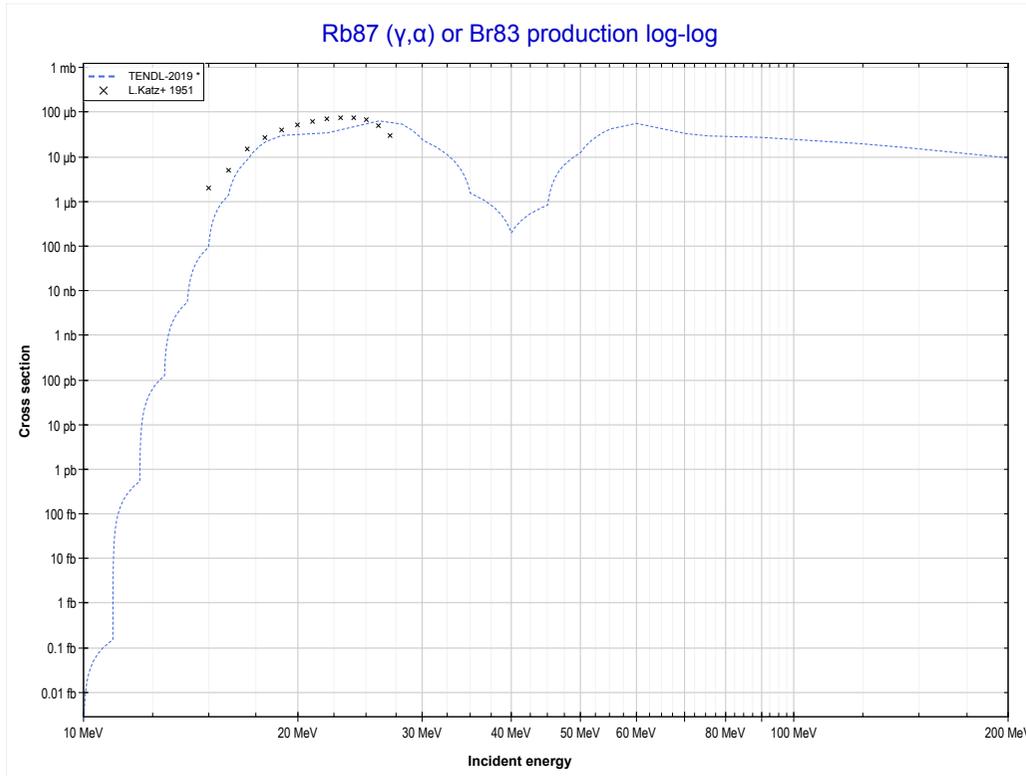
Reaction	Q-Value
Kr86(γ,n)Kr85	-9856.68 keV

<< 36-Kr-86	37-Rb-85	39-Y-89 >>
<< 36-Kr-86 MT4 (γ,n)	MT4 (γ,n) or MT5 (Rb84 production)	37-Rb-87 MT107 (γ,α) >>



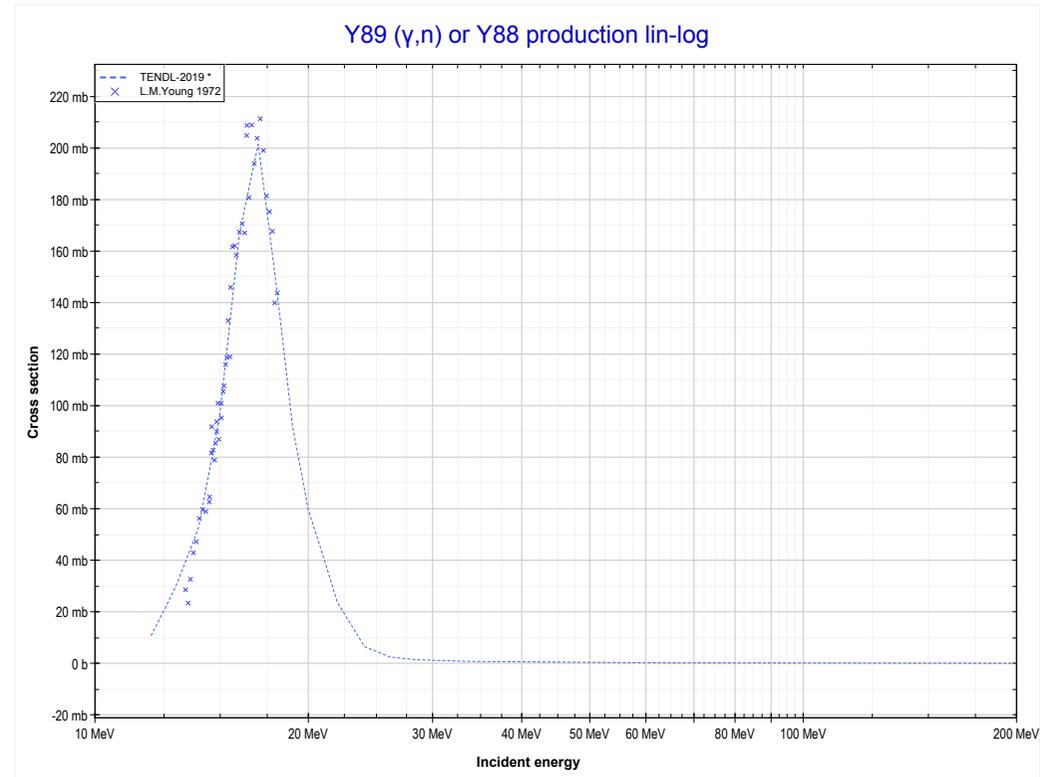
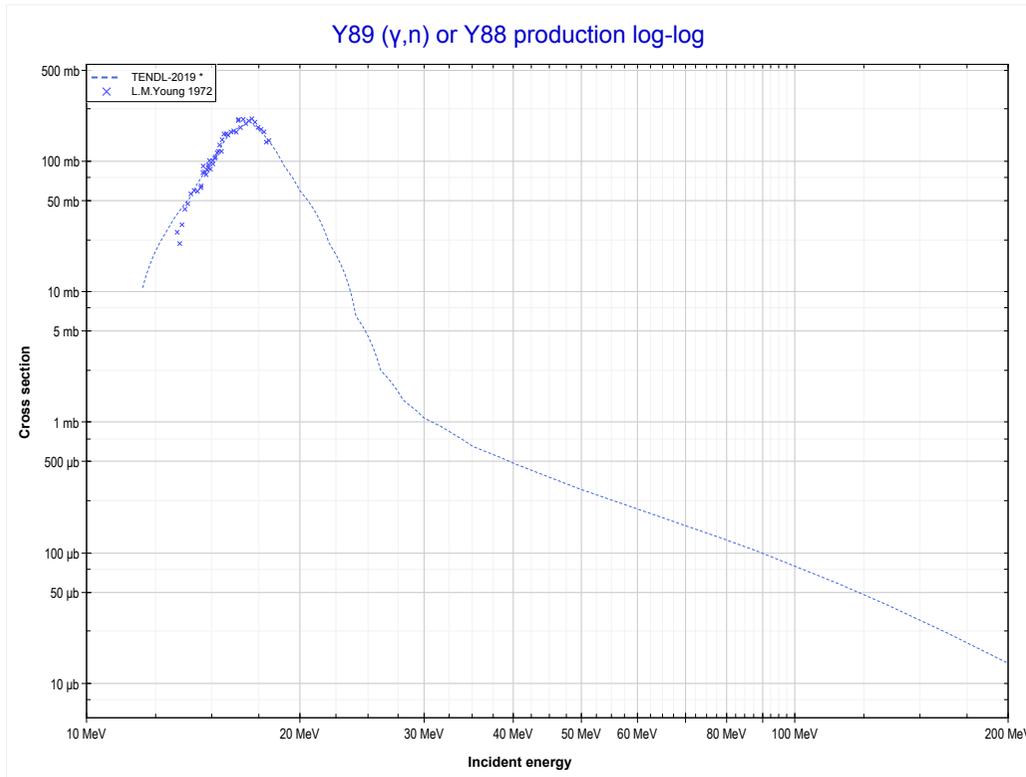
Reaction	Q-Value
Rb85(γ,n)Rb84	-10479.65 keV

<< 32-Ge-76	37-Rb-87	40-Zr-96 >>
<< 37-Rb-85 MT4 (γ, n)	MT107 (γ, α) or MT5 (Br83 production)	39-Y-89 MT4 (γ, n) >>



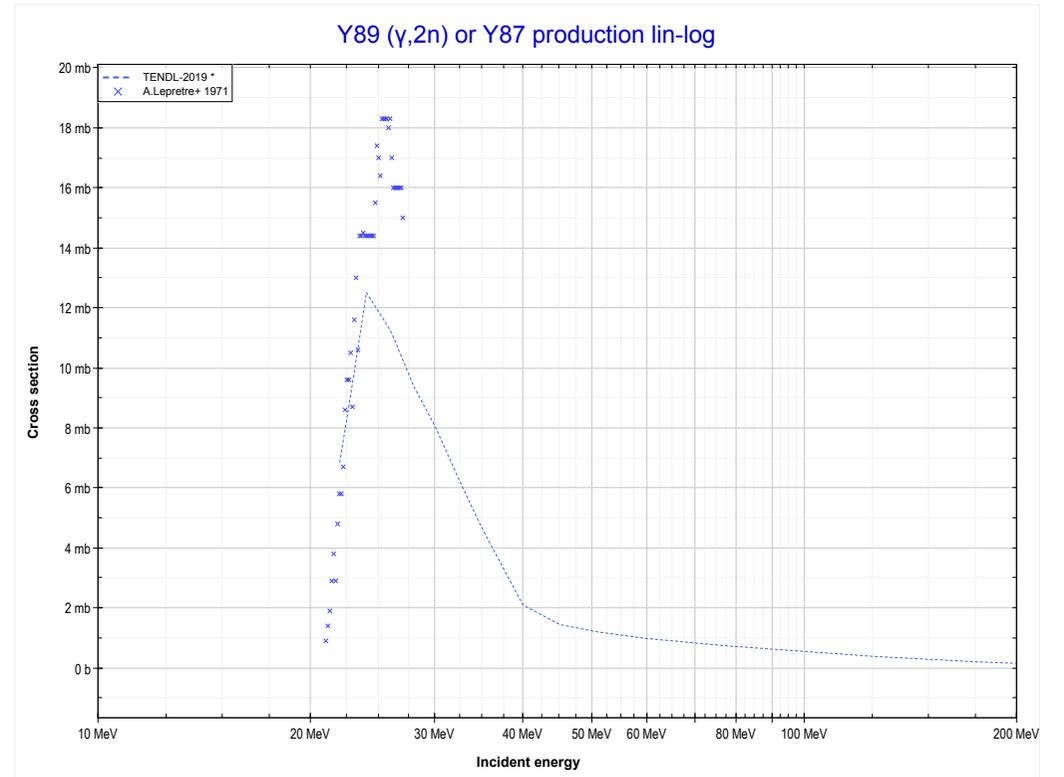
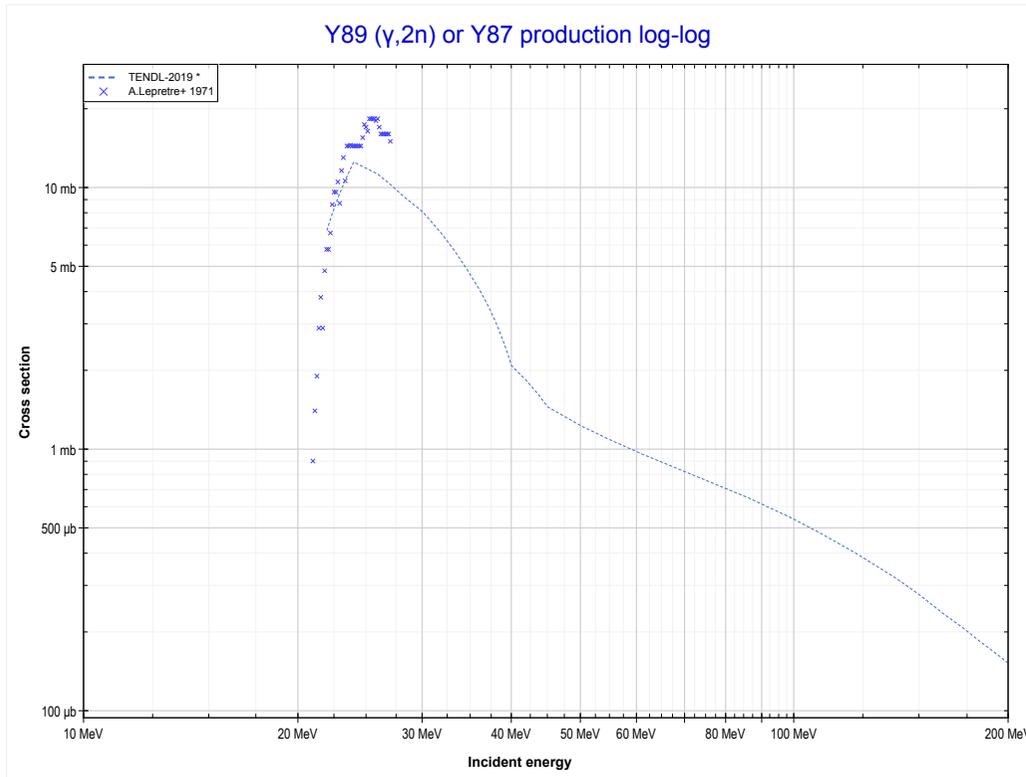
Reaction	Q-Value
Rb87(γ, α)Br83	-8008.71 keV
Rb87($\gamma, p+t$)Br83	-27822.57 keV
Rb87($\gamma, n+He3$)Br83	-28586.33 keV
Rb87($\gamma, 2d$)Br83	-31855.23 keV
Rb87($\gamma, n+p+d$)Br83	-34079.80 keV
Rb87($\gamma, 2n+2p$)Br83	-36304.37 keV

<< 37-Rb-85	39-Y-89	40-Zr-90 >>
<< 37-Rb-87 MT107 (γ,α)	MT4 (γ,n) or MT5 (Y88 production)	MT16 ($\gamma,2n$) >>



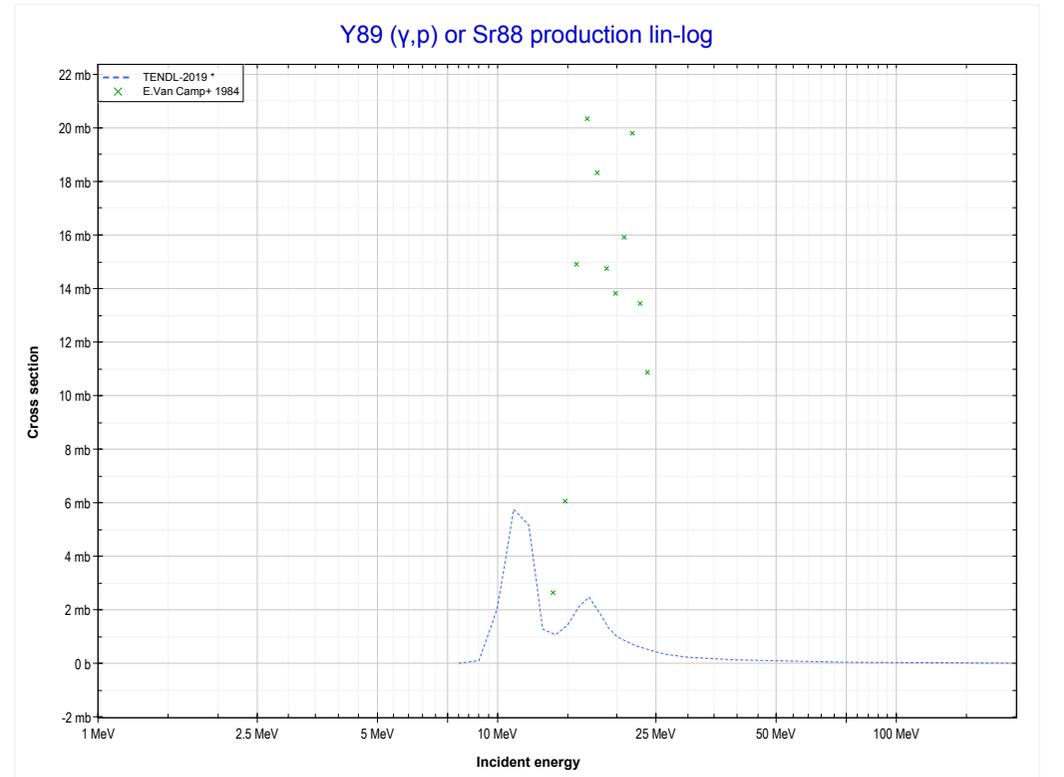
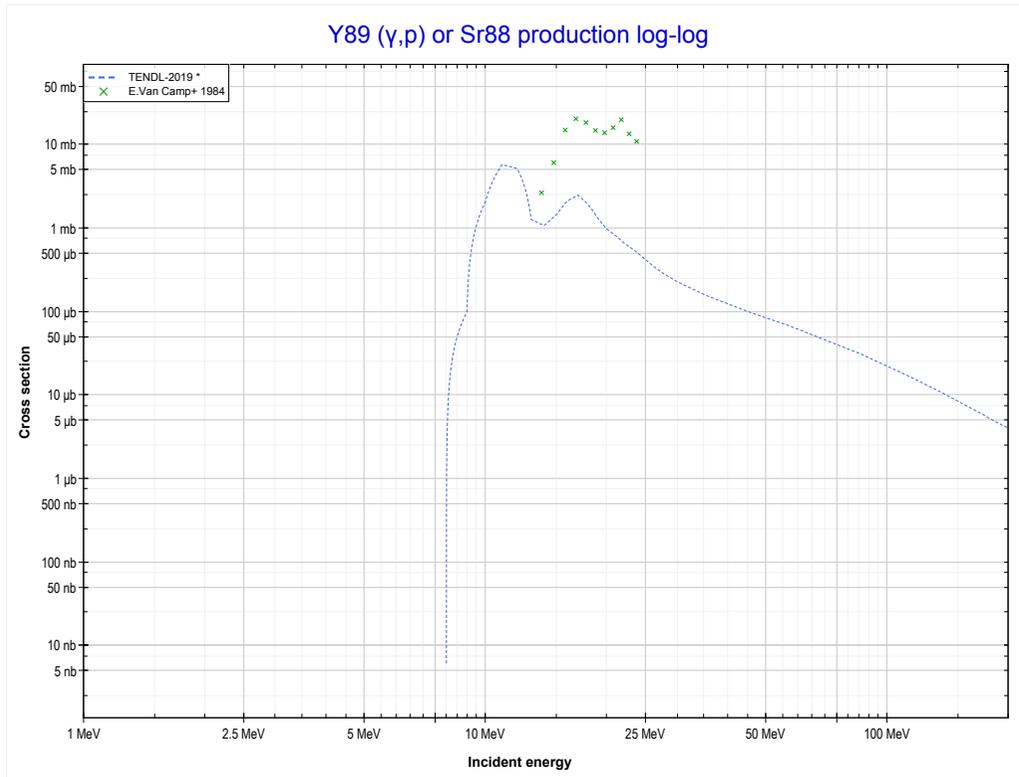
Reaction	Q-Value
Y89(γ,n)Y88	-11480.72 keV

<< 34-Se-82	39-Y-89	40-Zr-90 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Y87 production)	MT103 (γ,p) >>



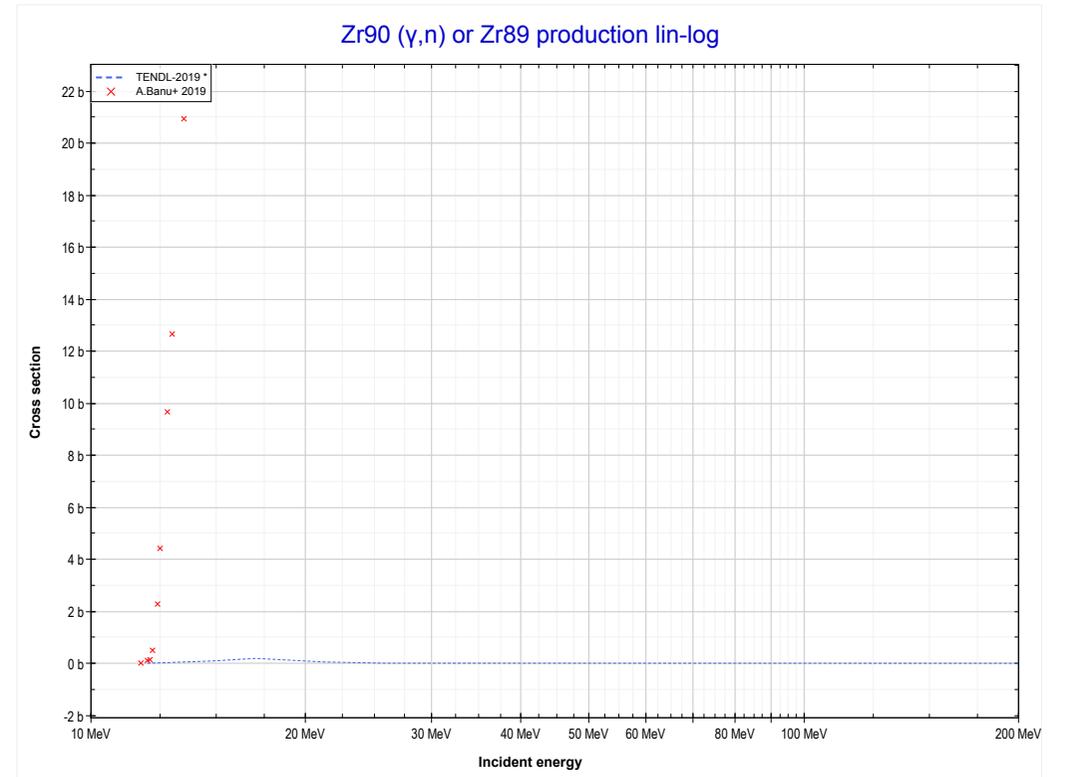
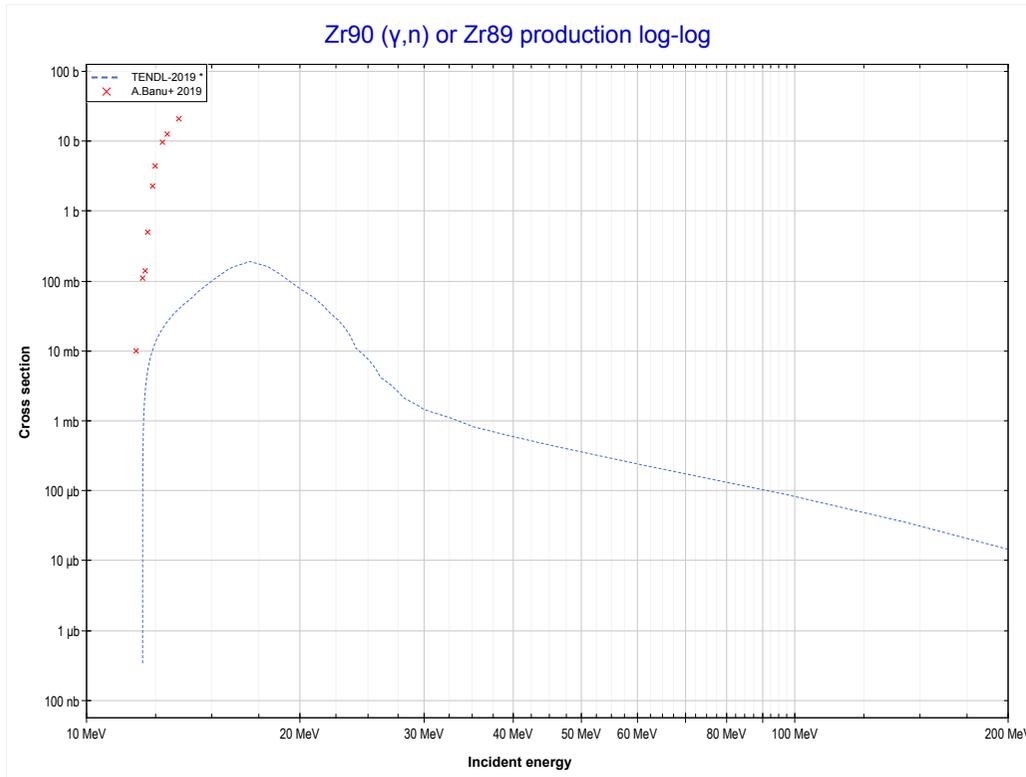
Reaction	Q-Value
Y89($\gamma,2n$)Y87	-20832.63 keV

<< 32-Ge-70	39-Y-89	40-Zr-90 >>
<< MT16 ($\gamma,2n$)	MT103 (γ,p) or MT5 (Sr88 production)	40-Zr-90 MT4 (γ,n) >>



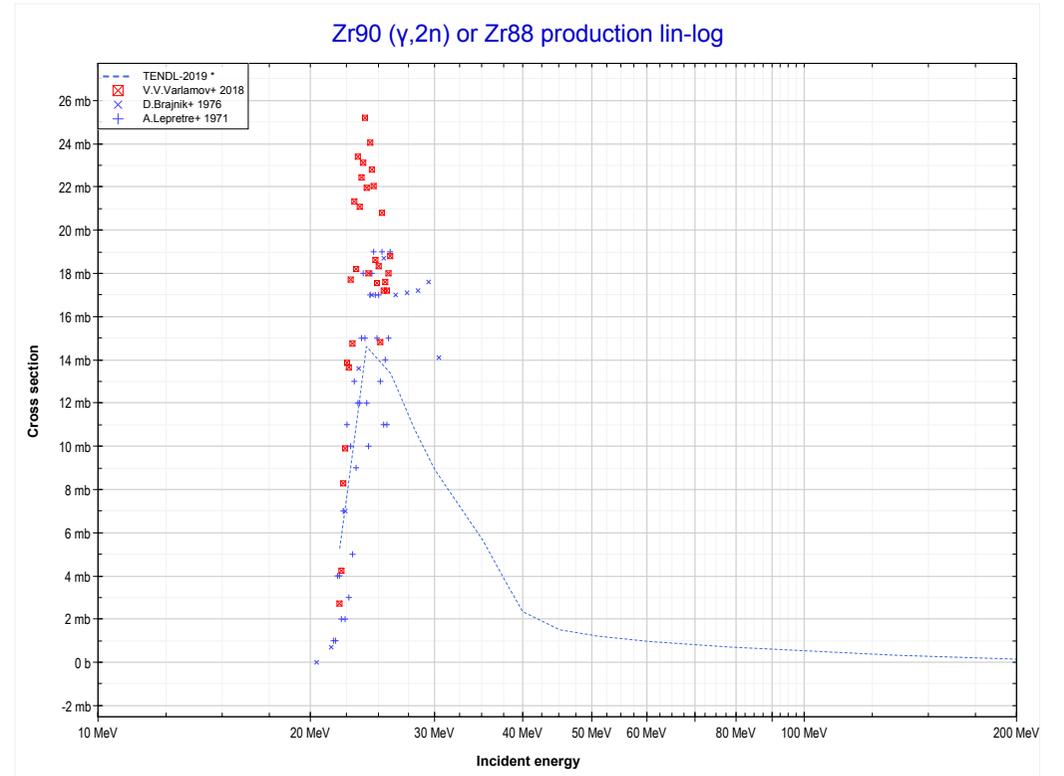
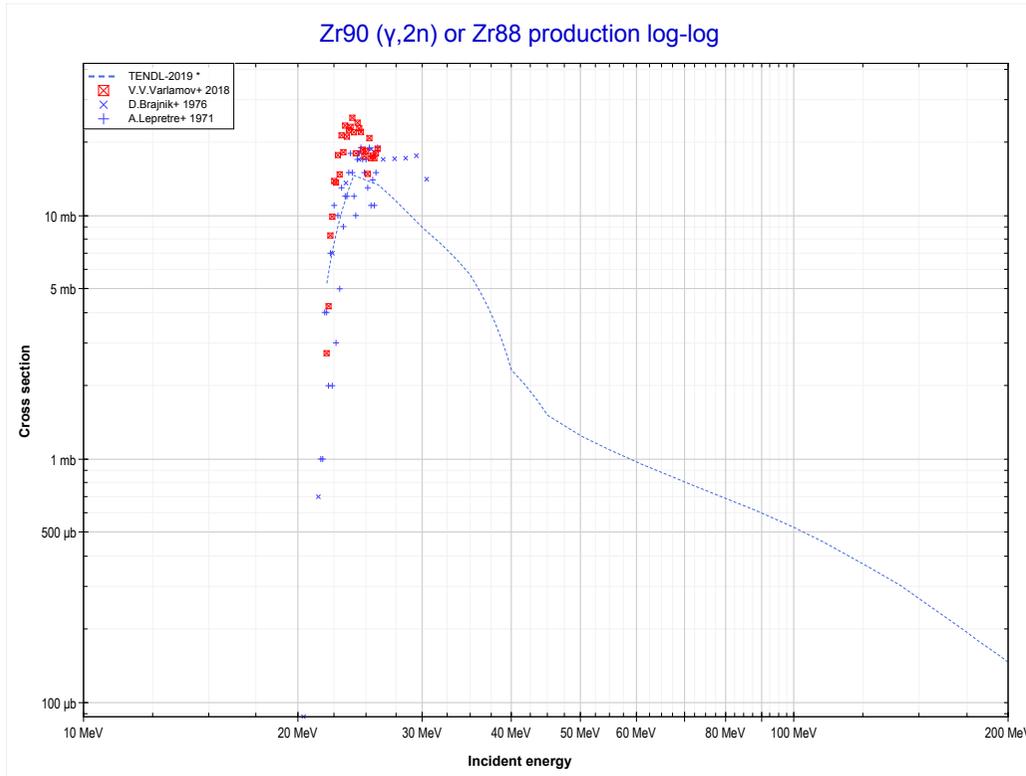
Reaction	Q-Value
Y89(γ,p)Sr88	-7075.75 keV

<< 39-Y-89	40-Zr-90	40-Zr-91 >>
<< 39-Y-89 MT103 (γ,p)	MT4 (γ,n) or MT5 (Zr89 production)	MT16 (γ,2n) >>



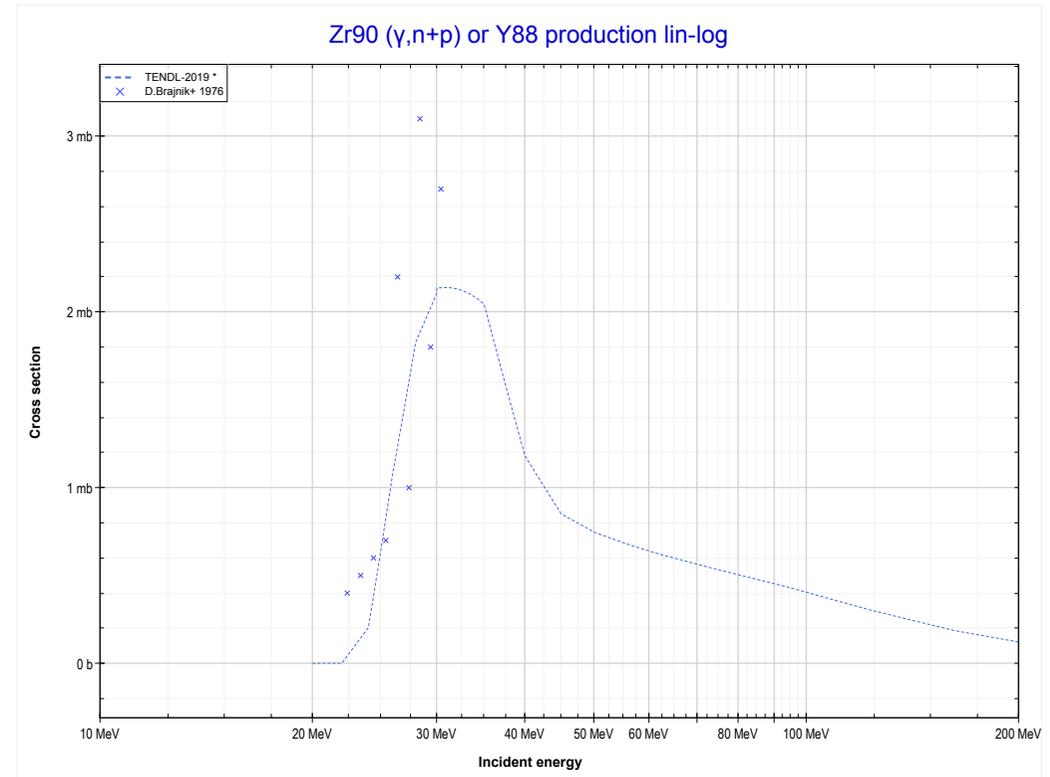
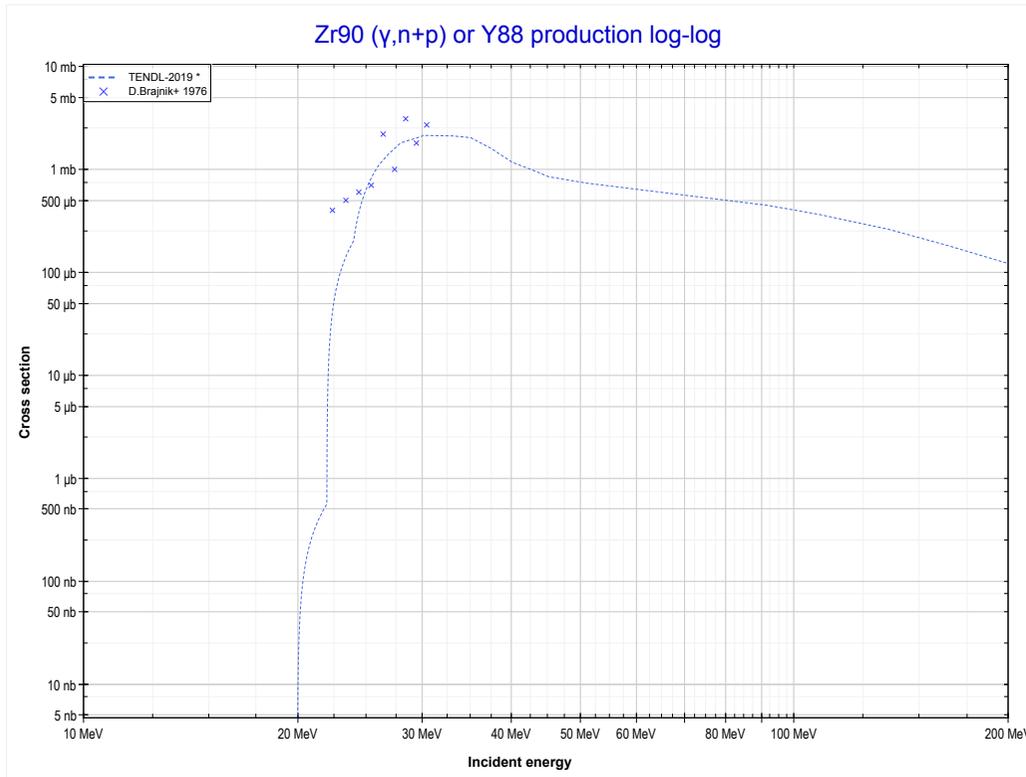
Reaction	Q-Value
Zr90(γ,n)Zr89	-11967.86 keV

<< 39-Y-89	40-Zr-90	40-Zr-92 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Zr88 production)	MT28 ($\gamma,n+p$) >>



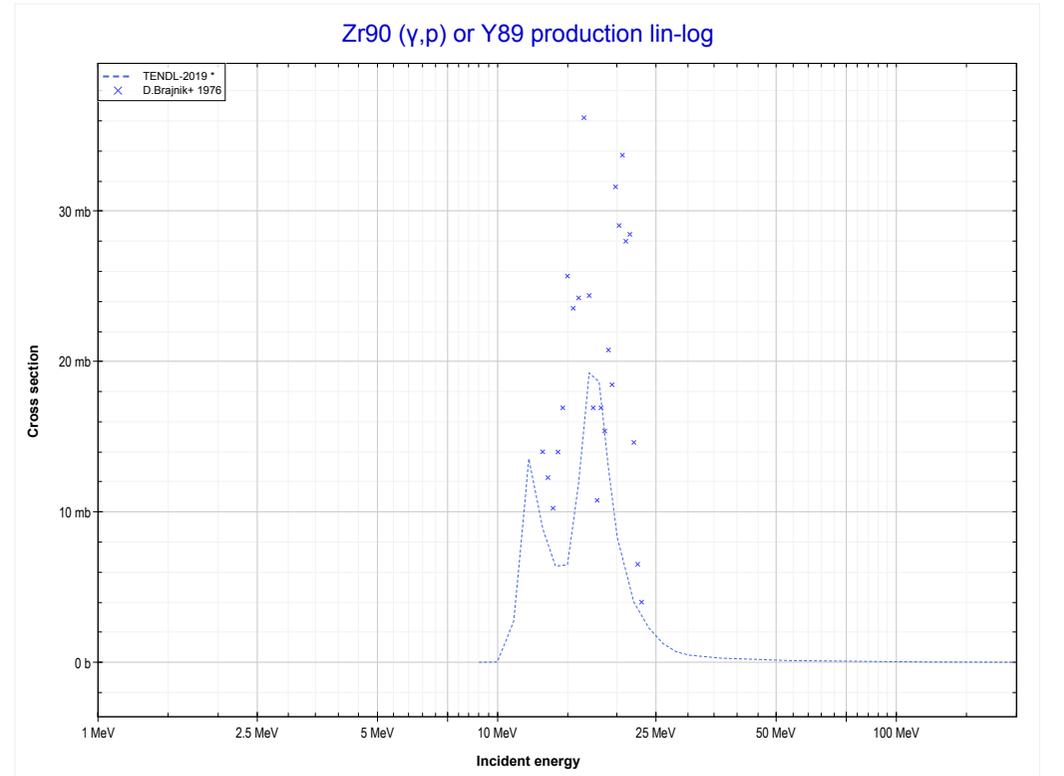
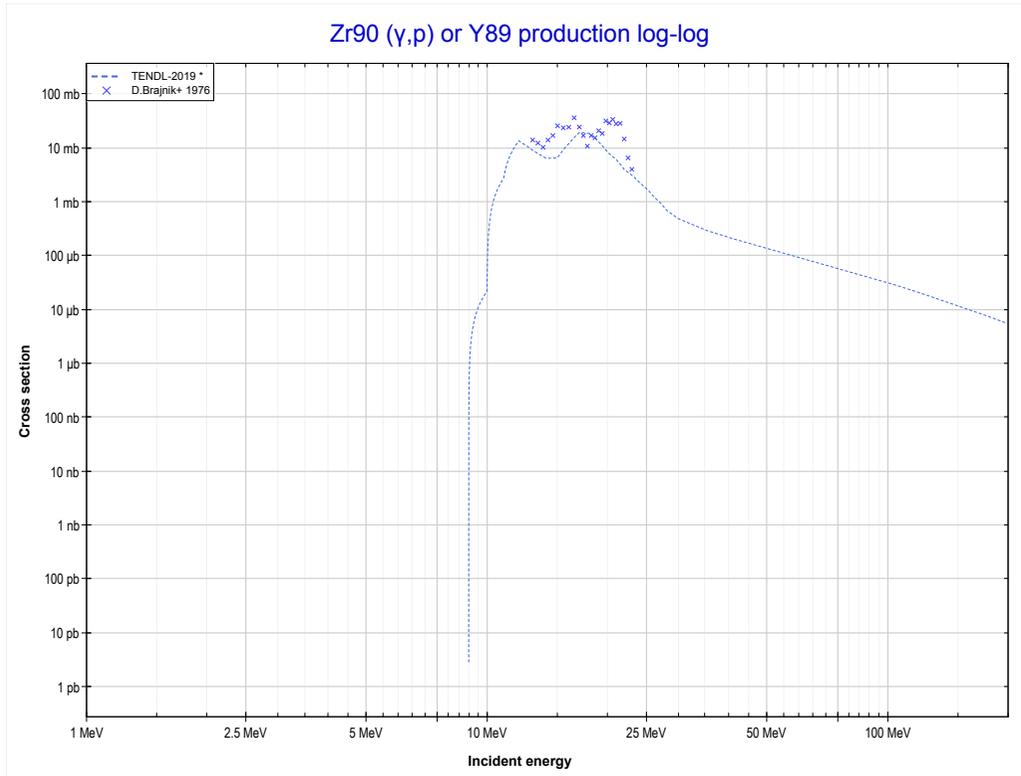
Reaction	Q-Value
Zr90($\gamma,2n$)Zr88	-21286.17 keV

<< 32-Ge-76	40-Zr-90	64-Gd-160 >>
<< MT16 ($\gamma,2n$)	MT28 ($\gamma,n+p$) or MT5 (Y88 production)	MT103 (γ,p) >>



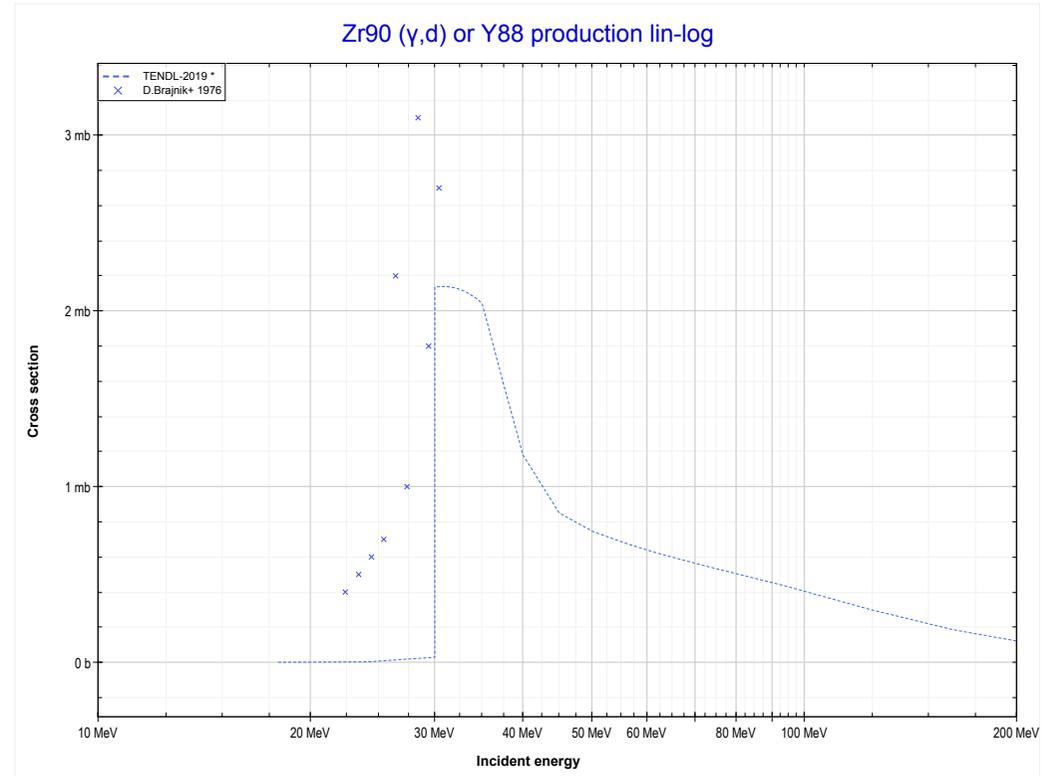
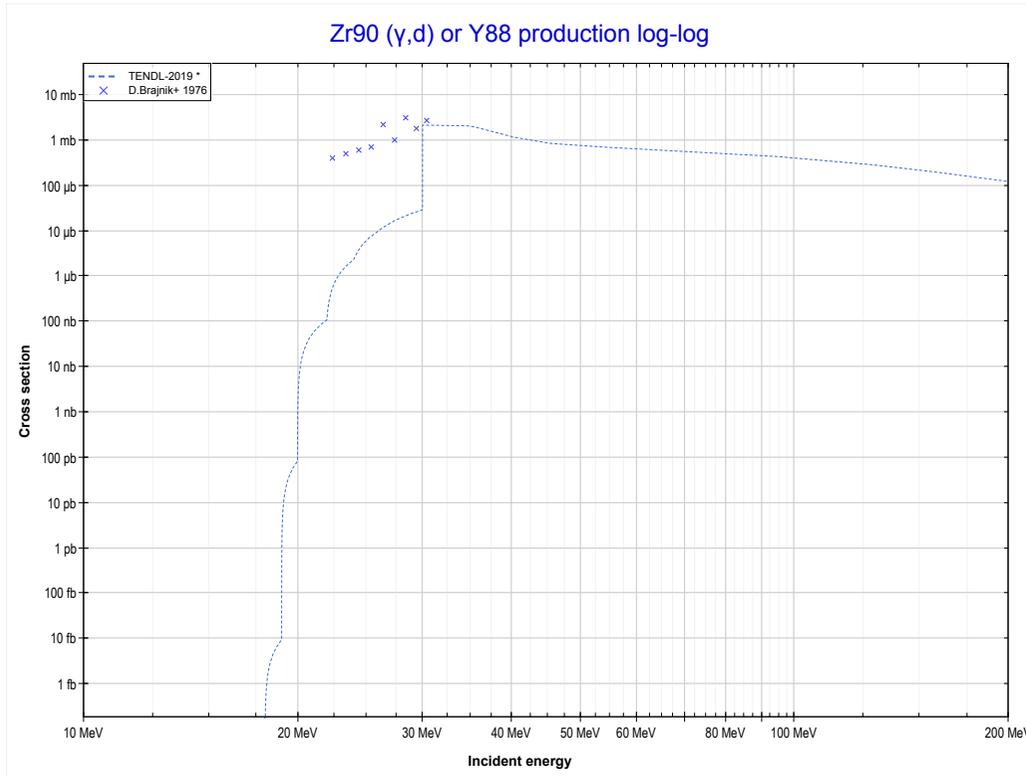
Reaction	Q-Value
Zr90(γ,d)Y88	-17609.26 keV
Zr90($\gamma,n+p$)Y88	-19833.83 keV

<< 39-Y-89	40-Zr-90	45-Rh-103 >>
<< MT28 ($\gamma, n+p$)	MT103 (γ, p) or MT5 (Y89 production)	MT104 (γ, d) >>



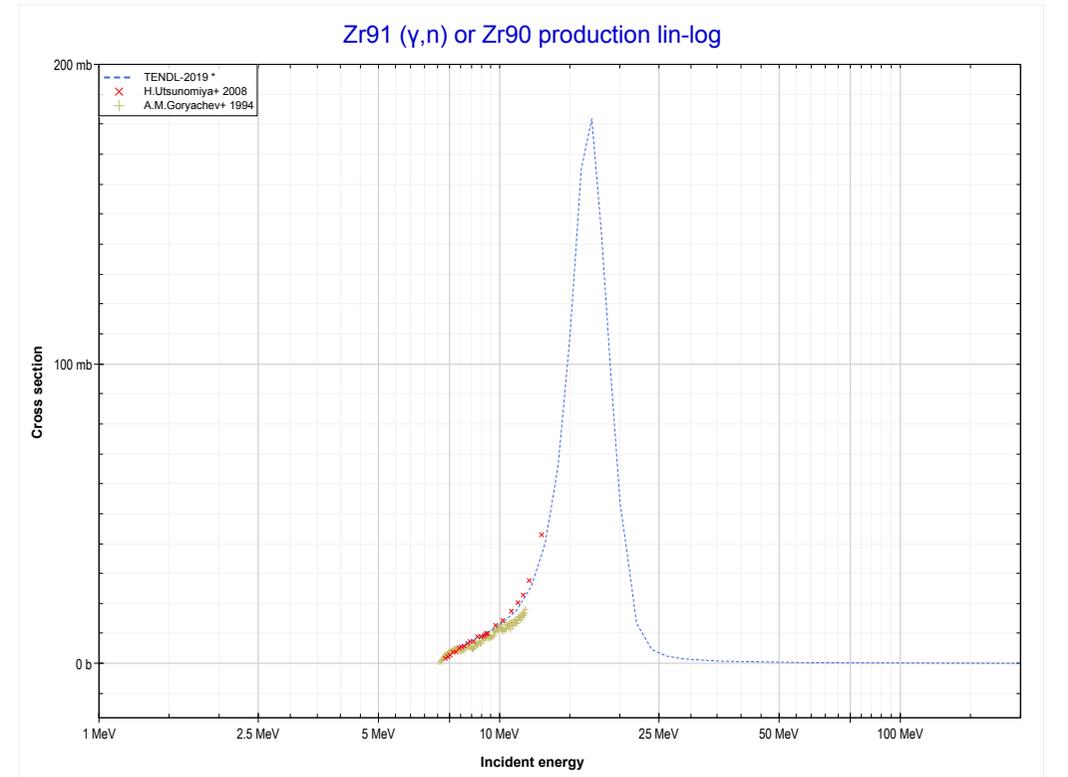
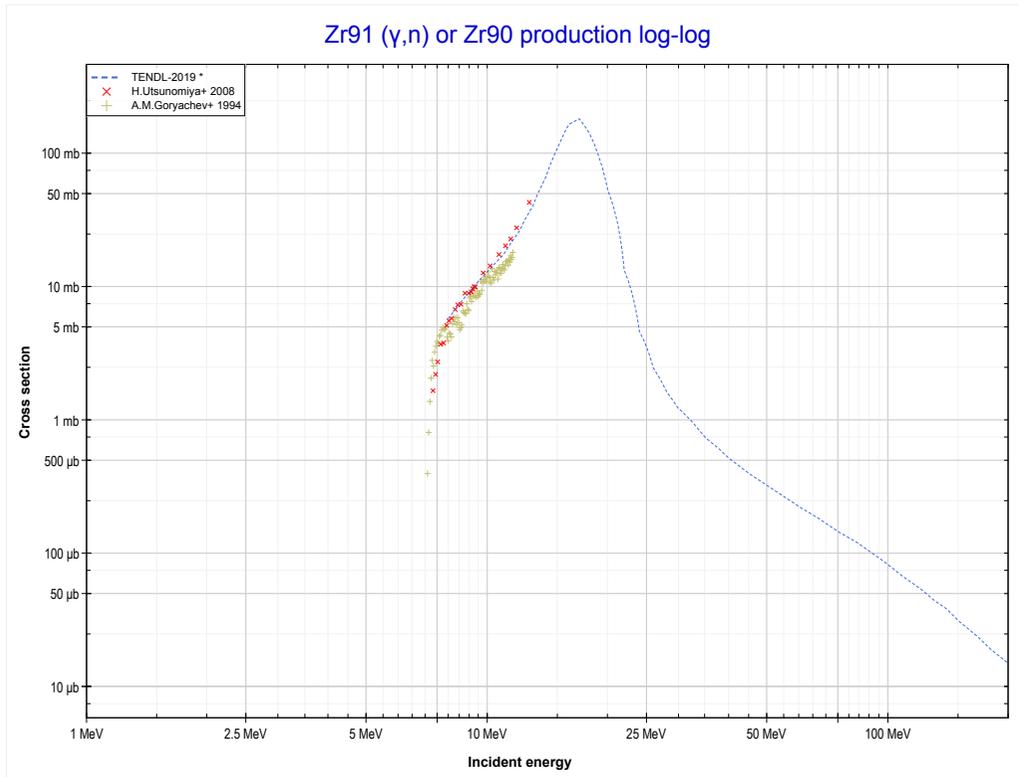
Reaction	Q-Value
Zr90(γ, p)Y89	-8353.11 keV

<< 32-Ge-76	40-Zr-90	
<< MT103 (γ,p)	MT104 (γ,d) or MT5 (Y88 production)	40-Zr-91 MT4 (γ,n) >>



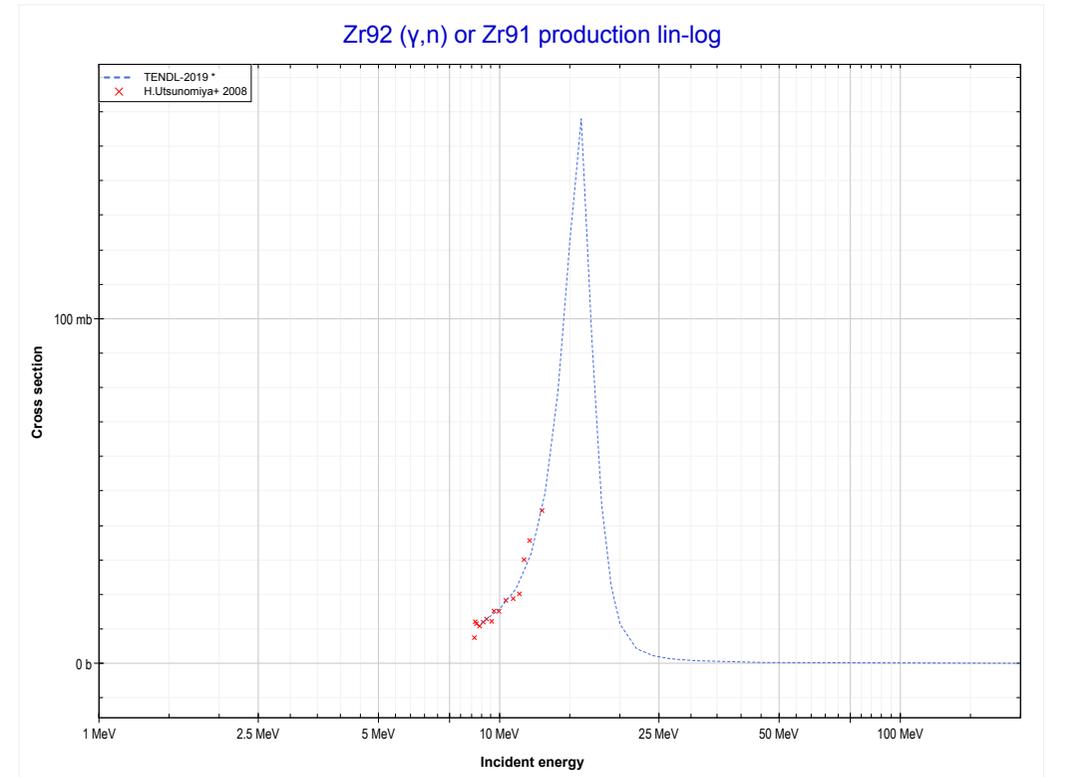
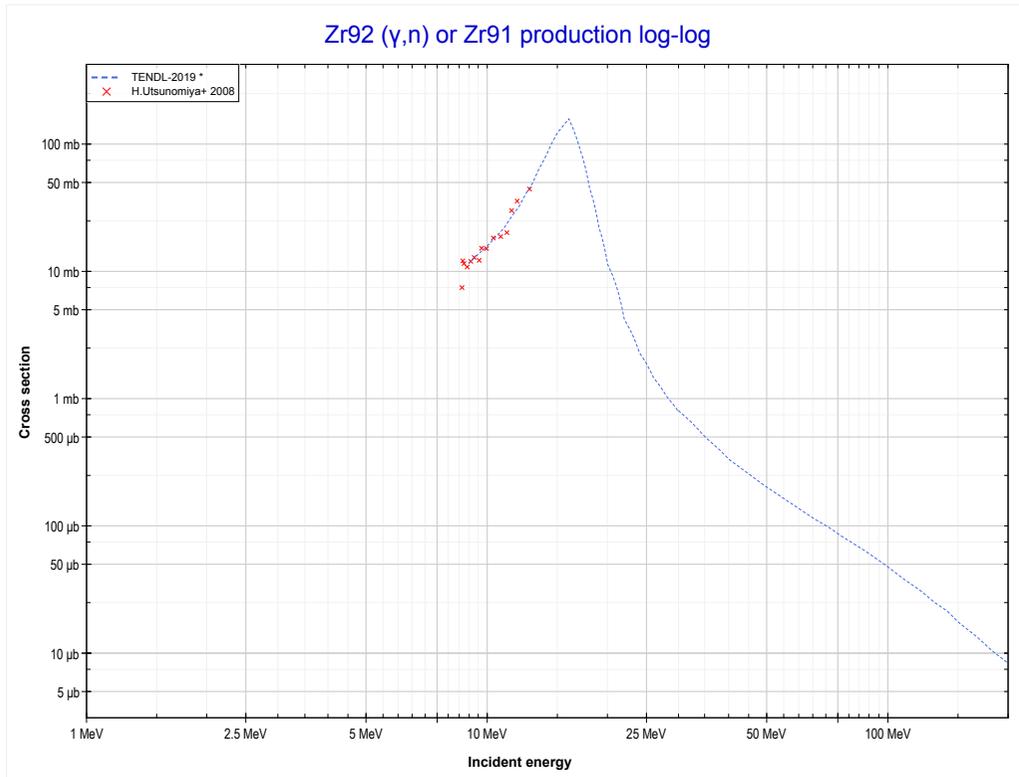
Reaction	Q-Value
Zr90(γ,d)Y88	-17609.26 keV
Zr90($\gamma,n+p$)Y88	-19833.83 keV

<< 40-Zr-90	40-Zr-91	40-Zr-92 >>
<< 40-Zr-90 MT104 (γ,d)	MT4 (γ,n) or MT5 (Zr90 production)	40-Zr-92 MT4 (γ,n) >>



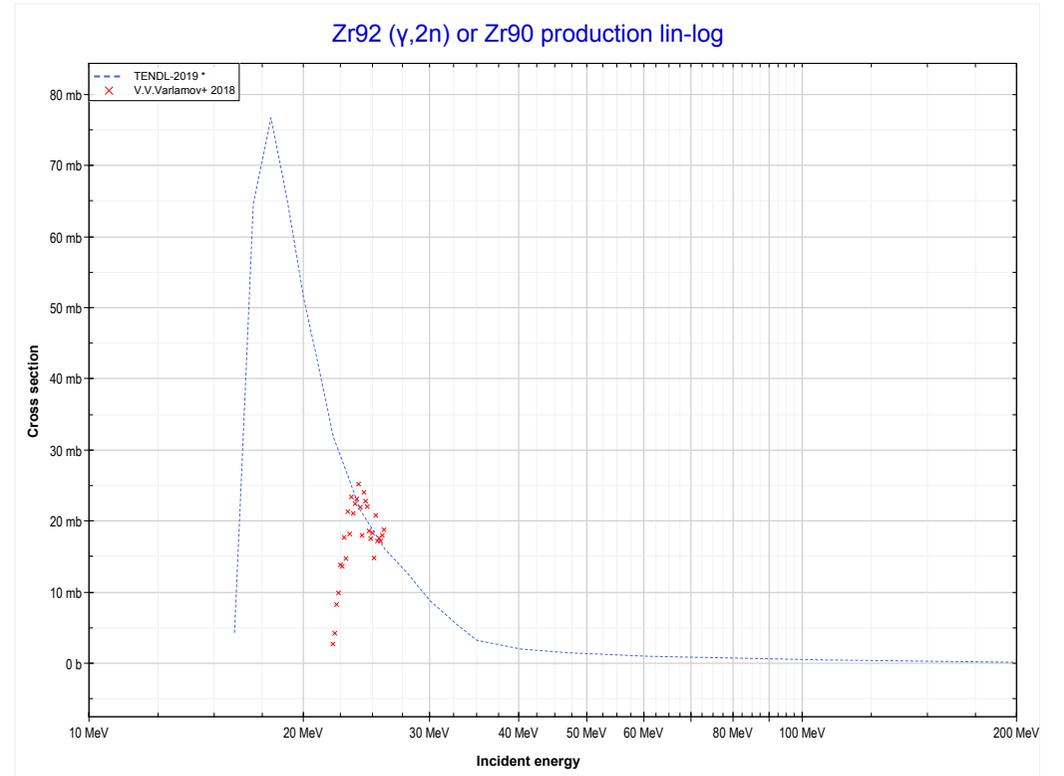
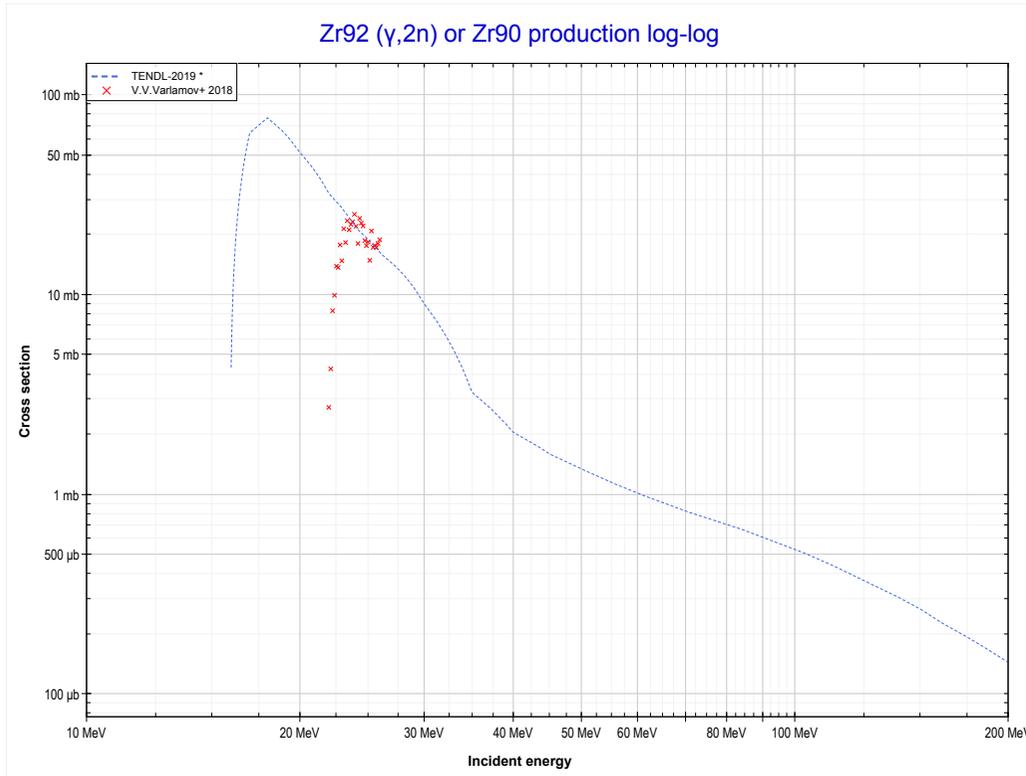
Reaction	Q-Value
Zr91(γ,n)Zr90	-7194.35 keV

<< 40-Zr-91	40-Zr-92	40-Zr-94 >>
<< 40-Zr-91 MT4 (γ,n)	MT4 (γ,n) or MT5 (Zr91 production)	MT16 (γ,2n) >>



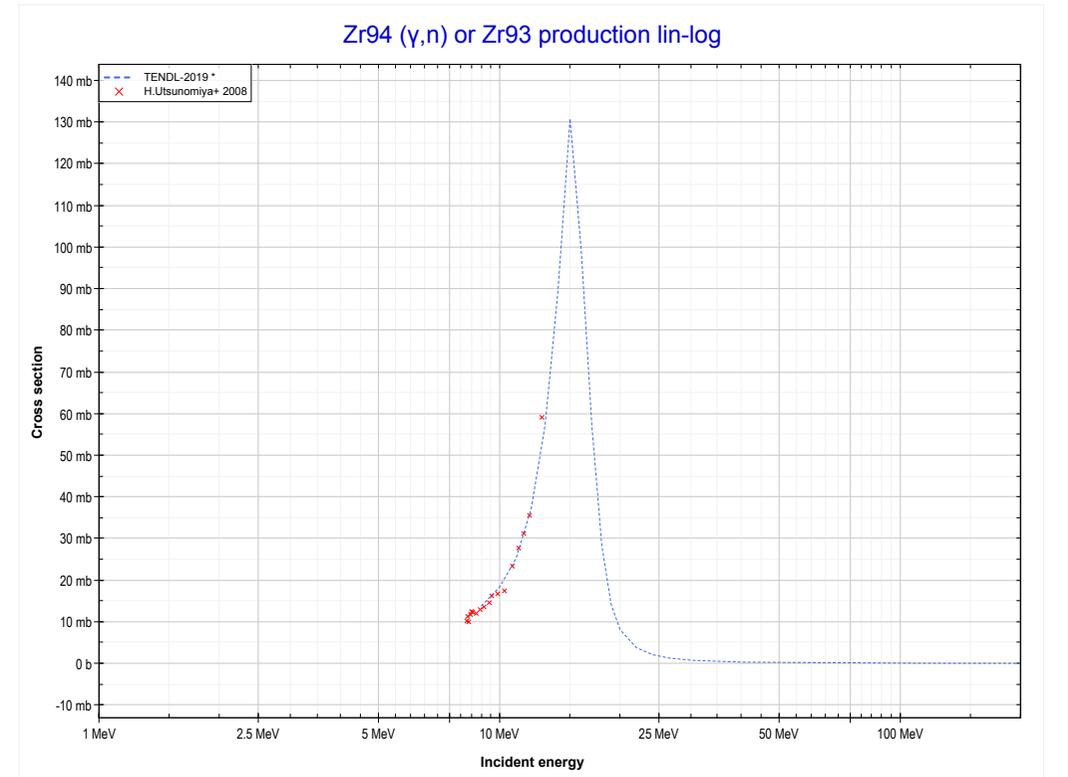
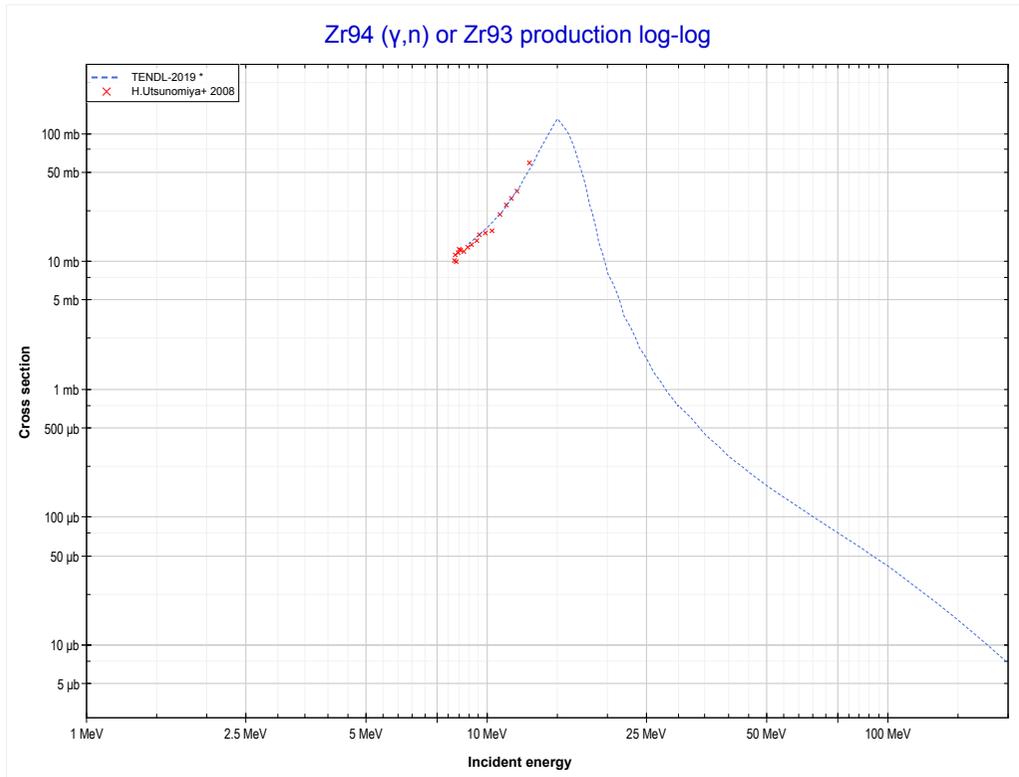
Reaction	Q-Value
Zr92(γ,n)Zr91	-8634.78 keV

<< 40-Zr-90	40-Zr-92	42-Mo-98 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Zr90 production)	40-Zr-94 MT4 (γ,n) >>



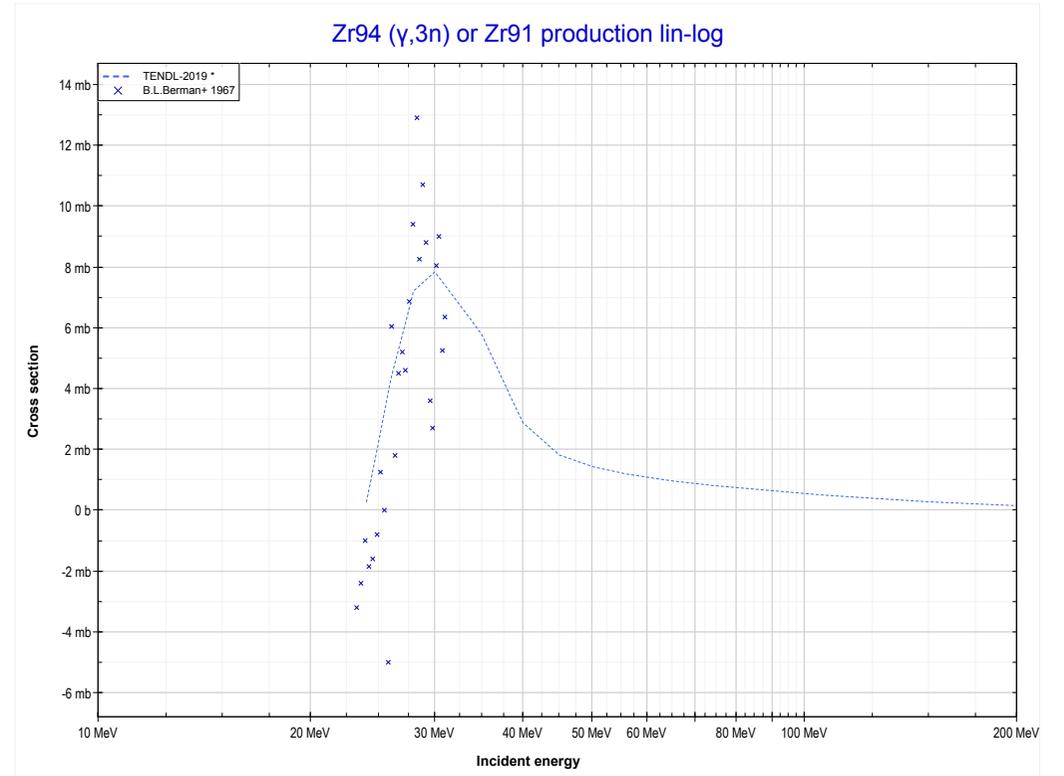
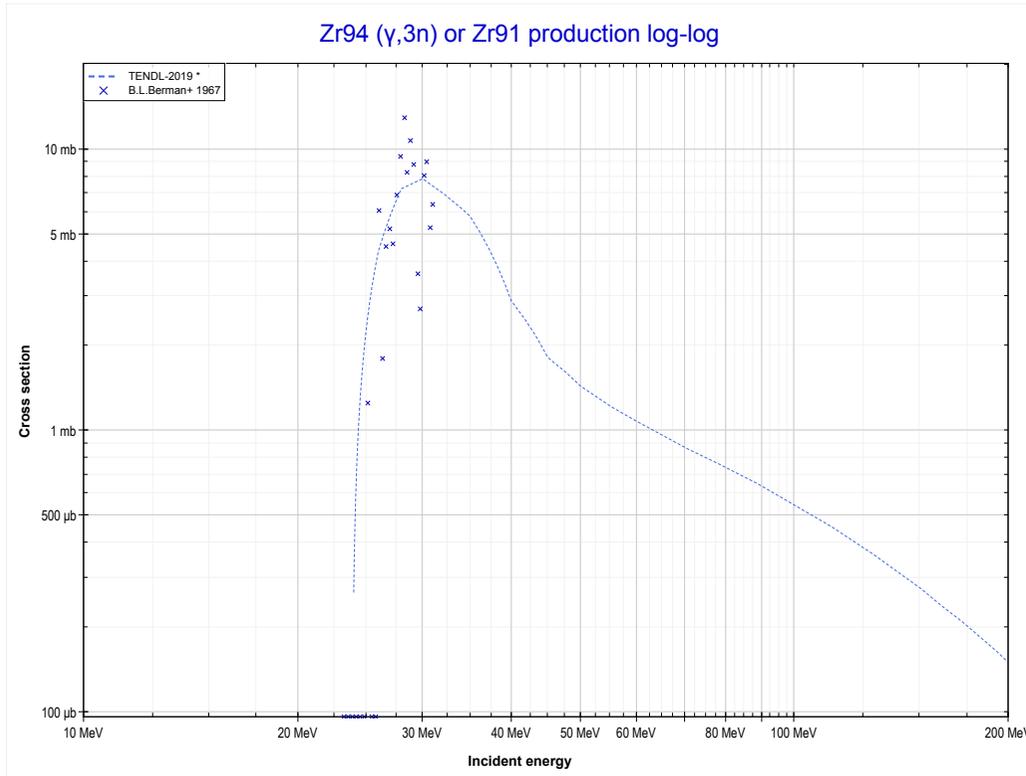
Reaction	Q-Value
Zr92($\gamma,2n$)Zr90	-15829.12 keV

<< 40-Zr-92	40-Zr-94	40-Zr-96 >>
<< 40-Zr-92 MT16 ($\gamma,2n$)	MT4 (γ,n) or MT5 (Zr93 production)	MT17 ($\gamma,3n$) >>



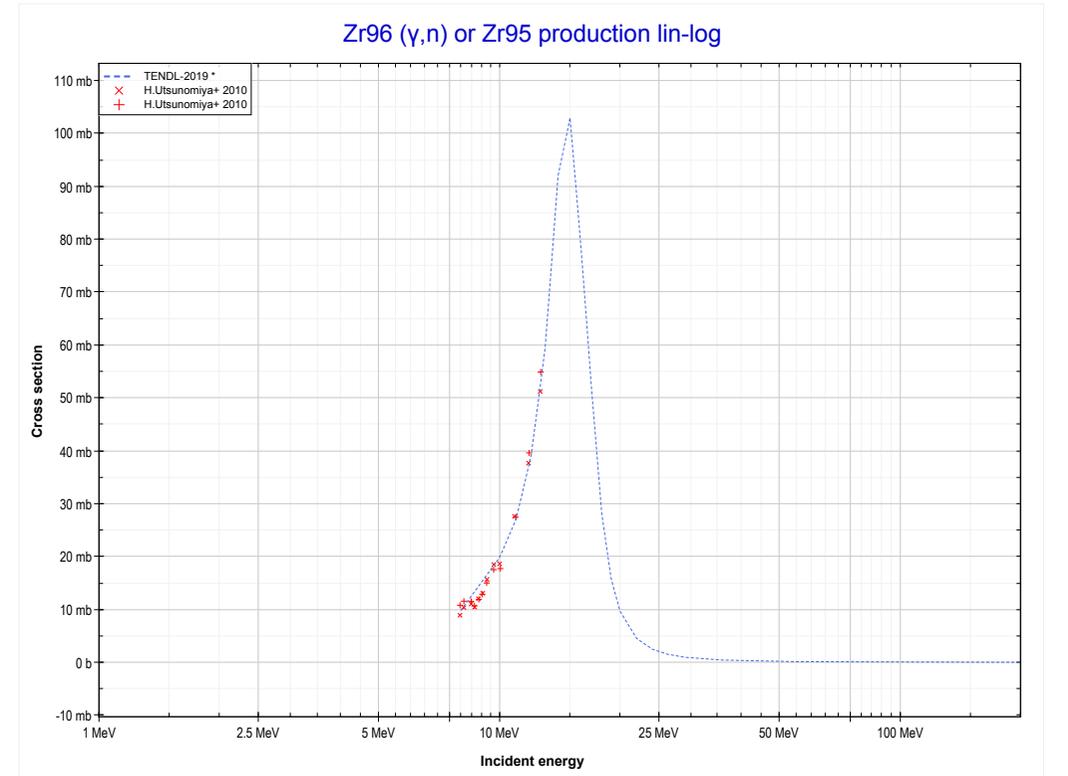
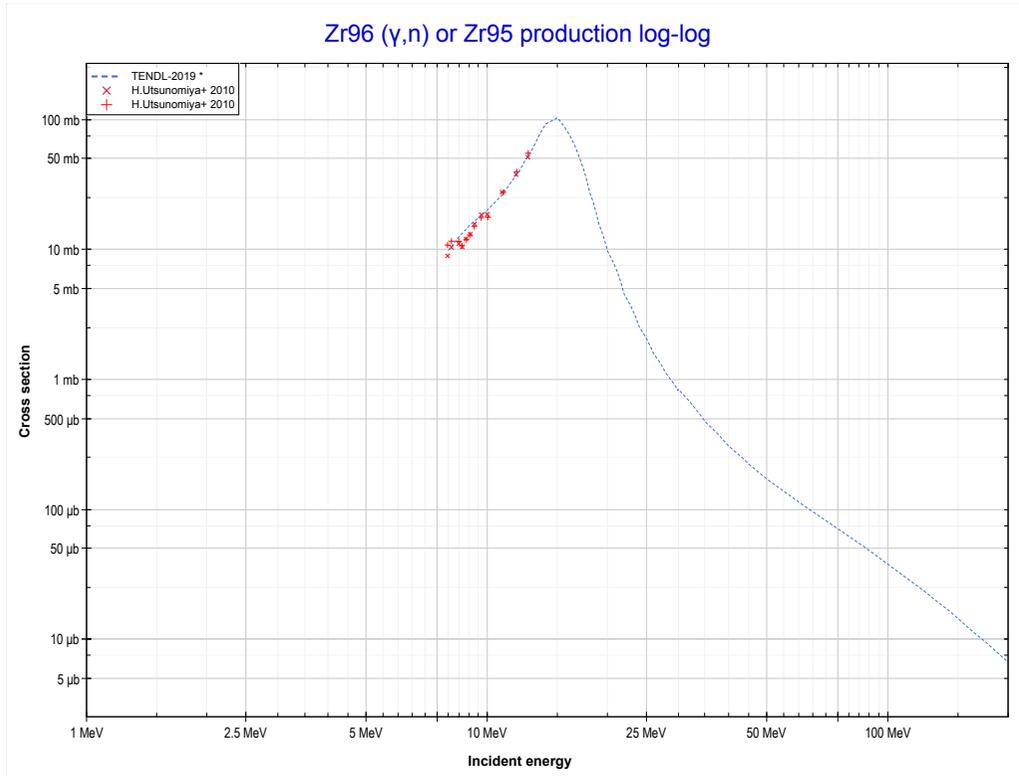
Reaction	Q-Value
Zr94(γ,n)Zr93	-8218.64 keV

<< 27-Co-59	40-Zr-94	42-Mo-96 >>
<< MT4 (γ,n)	MT17 ($\gamma,3n$) or MT5 (Zr91 production)	40-Zr-96 MT4 (γ,n) >>



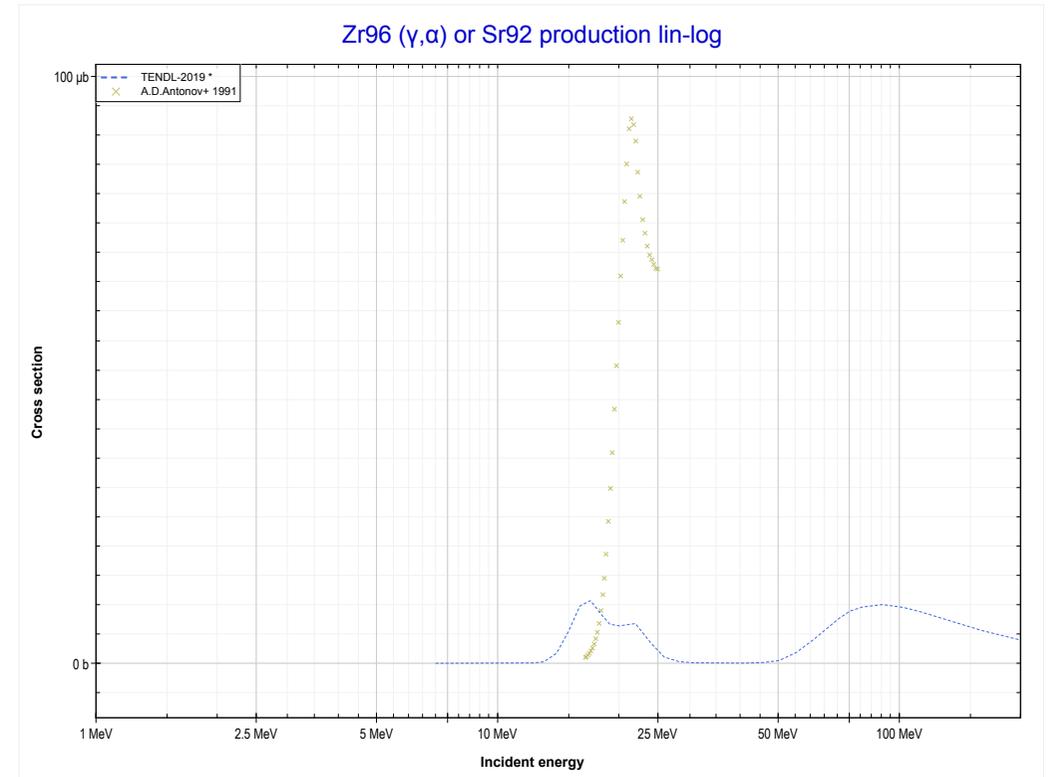
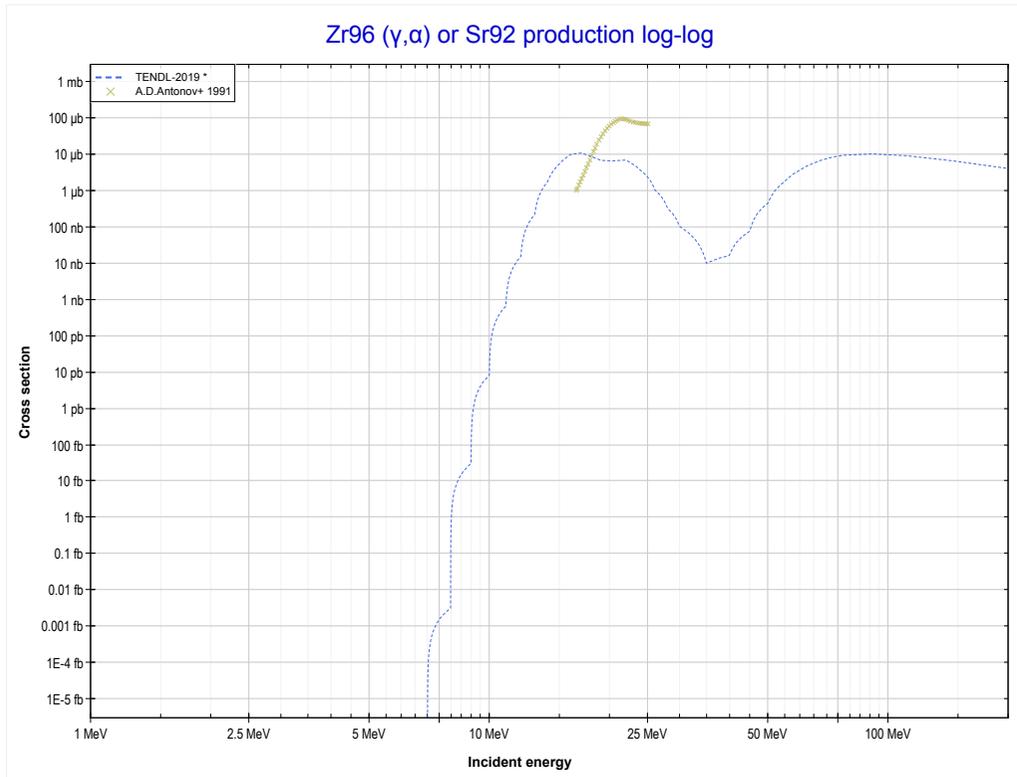
Reaction	Q-Value
Zr94($\gamma,3n$)Zr91	-23587.70 keV

<< 40-Zr-94	40-Zr-96	42-Mo-92 >>
<< 40-Zr-94 MT17 ($\gamma,3n$)	MT4 (γ,n) or MT5 (Zr95 production)	MT107 (γ,α) >>



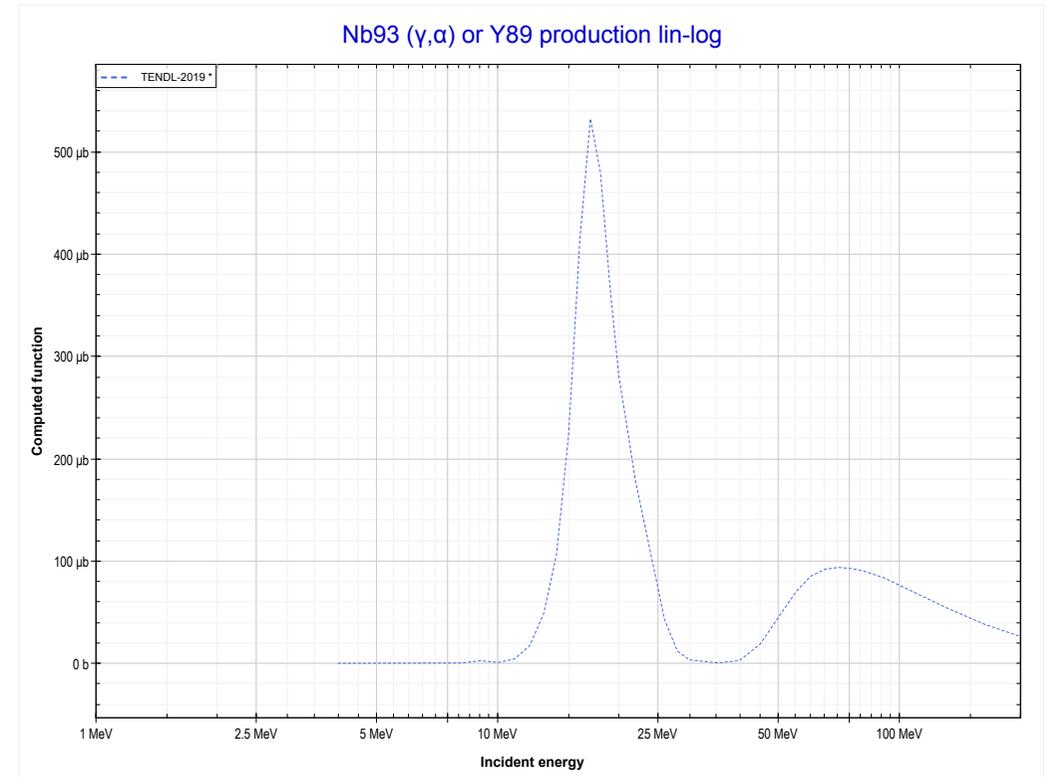
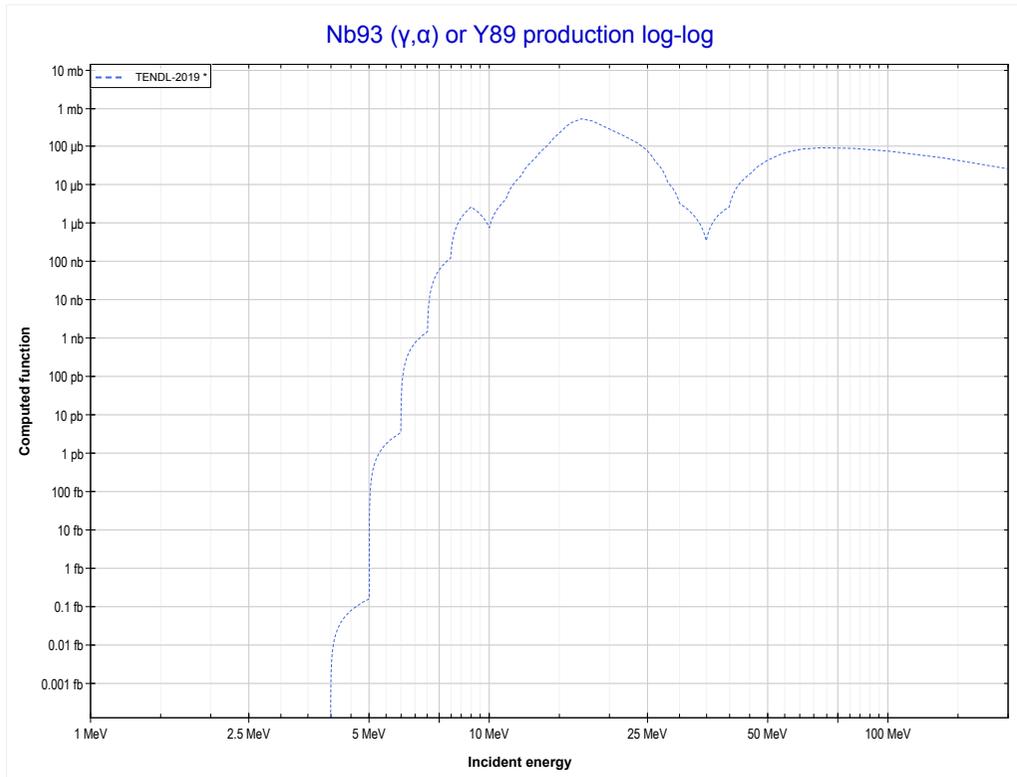
Reaction	Q-Value
Zr96(γ,n)Zr95	-7850.27 keV

<< 37-Rb-87	40-Zr-96	41-Nb-93 >>
<< MT4 (γ, n)	MT107 (γ, α) or MT5 (Sr92 production)	41-Nb-93 MT107 (γ, α) >>



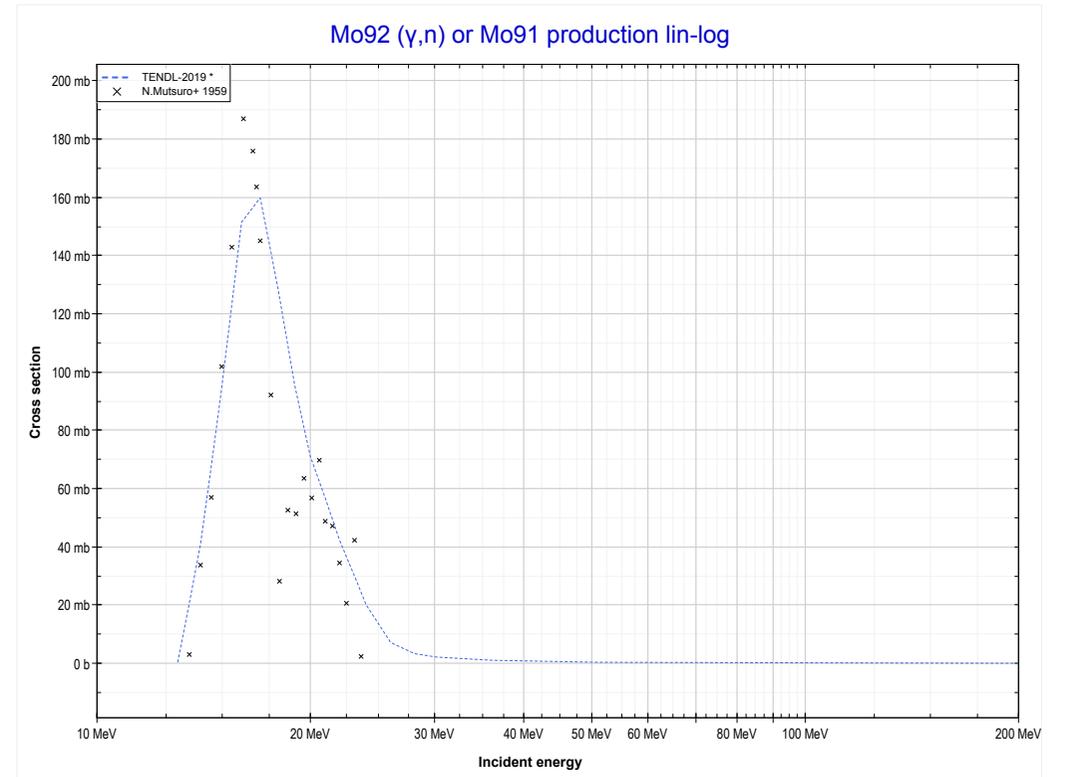
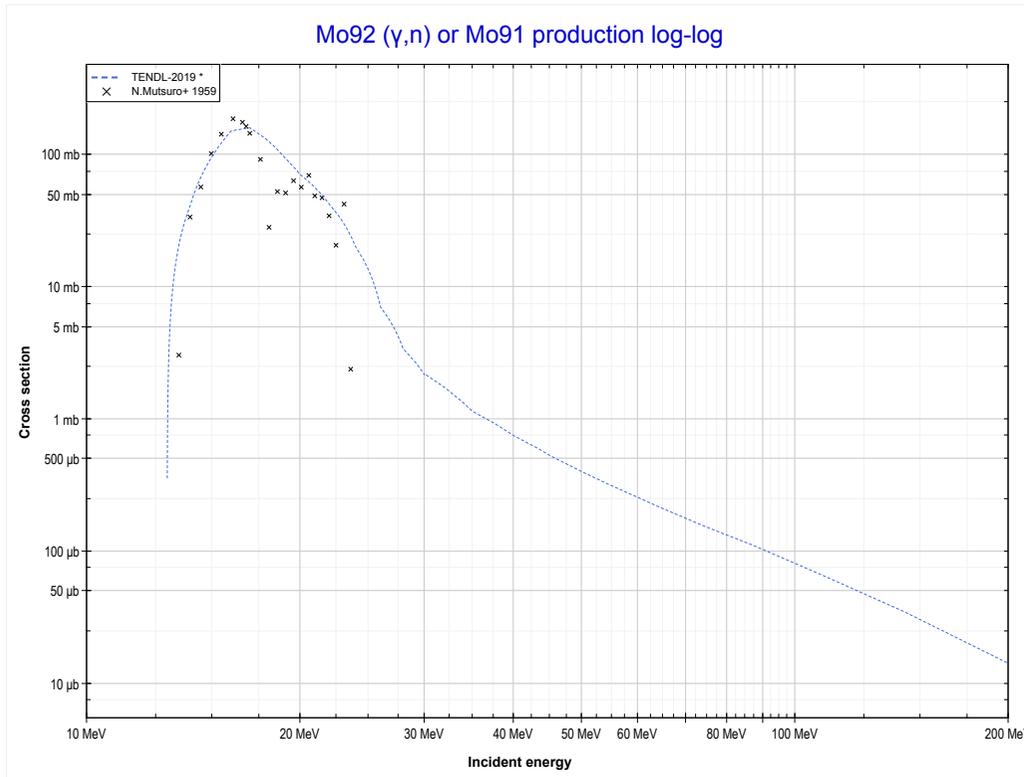
Reaction	Q-Value
Zr96(γ, α)Sr92	-4996.77 keV
Zr96($\gamma, p+t$)Sr92	-24810.63 keV
Zr96($\gamma, n+He3$)Sr92	-25574.39 keV
Zr96($\gamma, 2d$)Sr92	-28843.29 keV
Zr96($\gamma, n+p+d$)Sr92	-31067.86 keV
Zr96($\gamma, 2n+2p$)Sr92	-33292.43 keV

<< 40-Zr-96	41-Nb-93	68-Er-170 >>
<< 40-Zr-96 MT107 (γ,α)	MT107 (γ,α) or MT5 (Y89 production)	42-Mo-92 MT4 (γ,n) >>



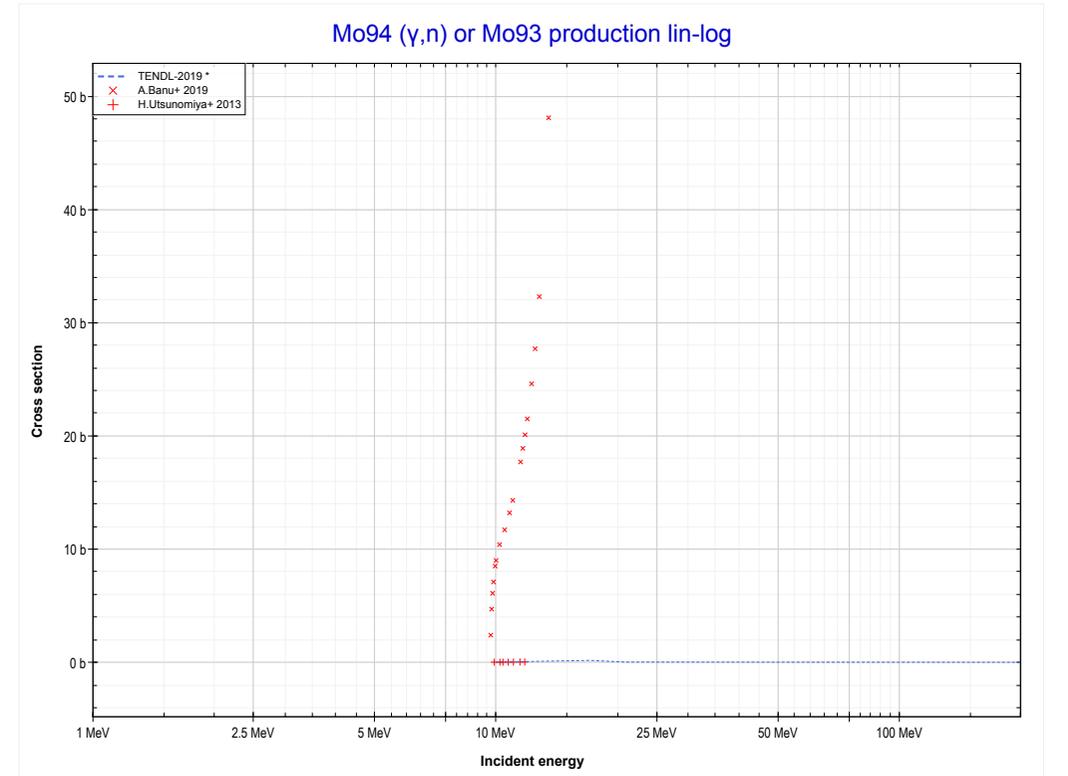
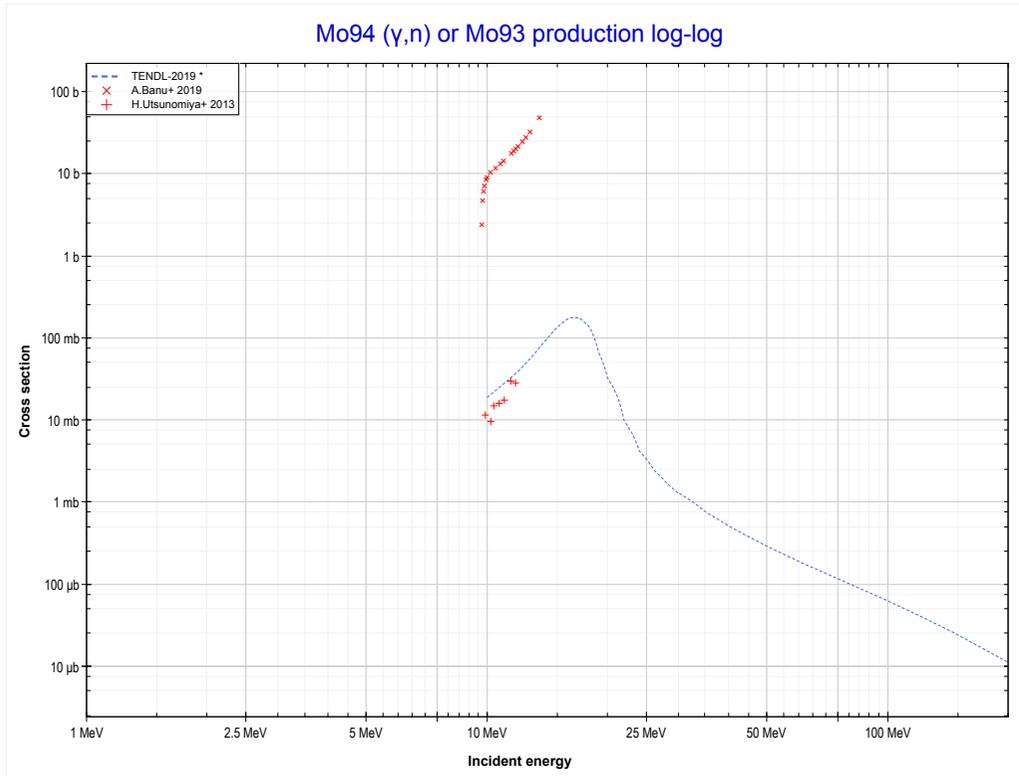
Reaction	Q-Value
Nb93(γ,α)Y89	-1929.32 keV
Nb93($\gamma,p+t$)Y89	-21743.18 keV
Nb93($\gamma,n+He3$)Y89	-22506.93 keV
Nb93($\gamma,2d$)Y89	-25775.84 keV
Nb93($\gamma,n+p+d$)Y89	-28000.41 keV
Nb93($\gamma,2n+2p$)Y89	-30224.98 keV

<< 40-Zr-96	42-Mo-92	42-Mo-94 >>
<< 41-Nb-93 MT107 (γ,α)	MT4 (γ,n) or MT5 (Mo91 production)	42-Mo-94 MT4 (γ,n) >>



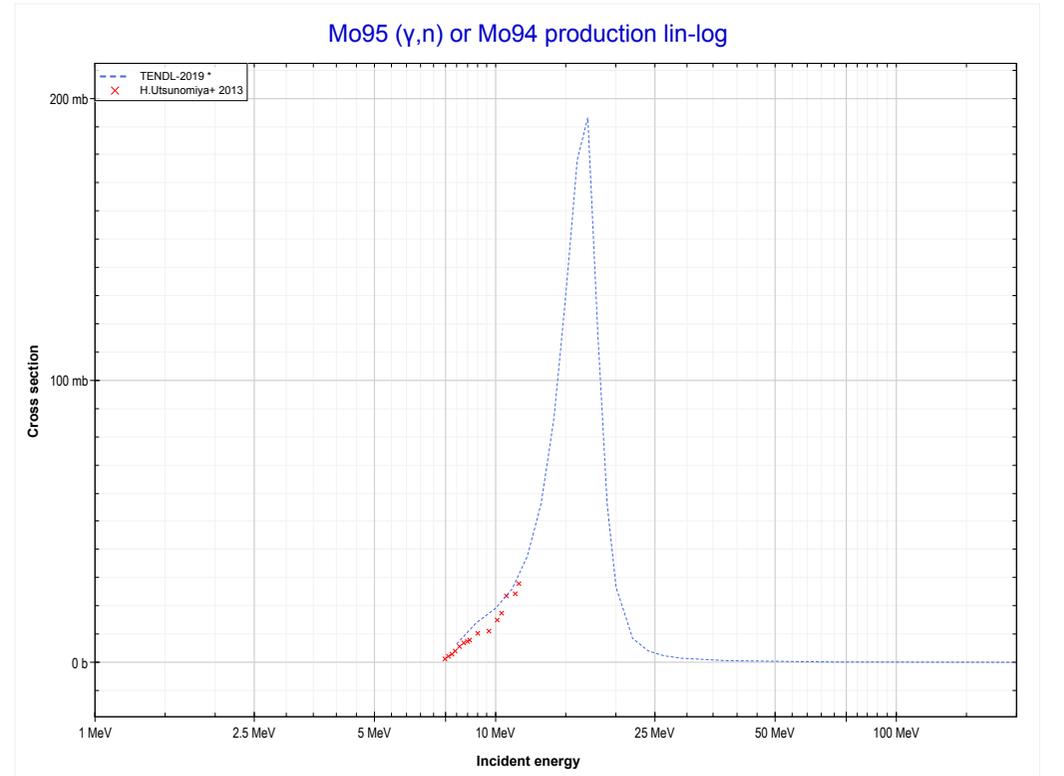
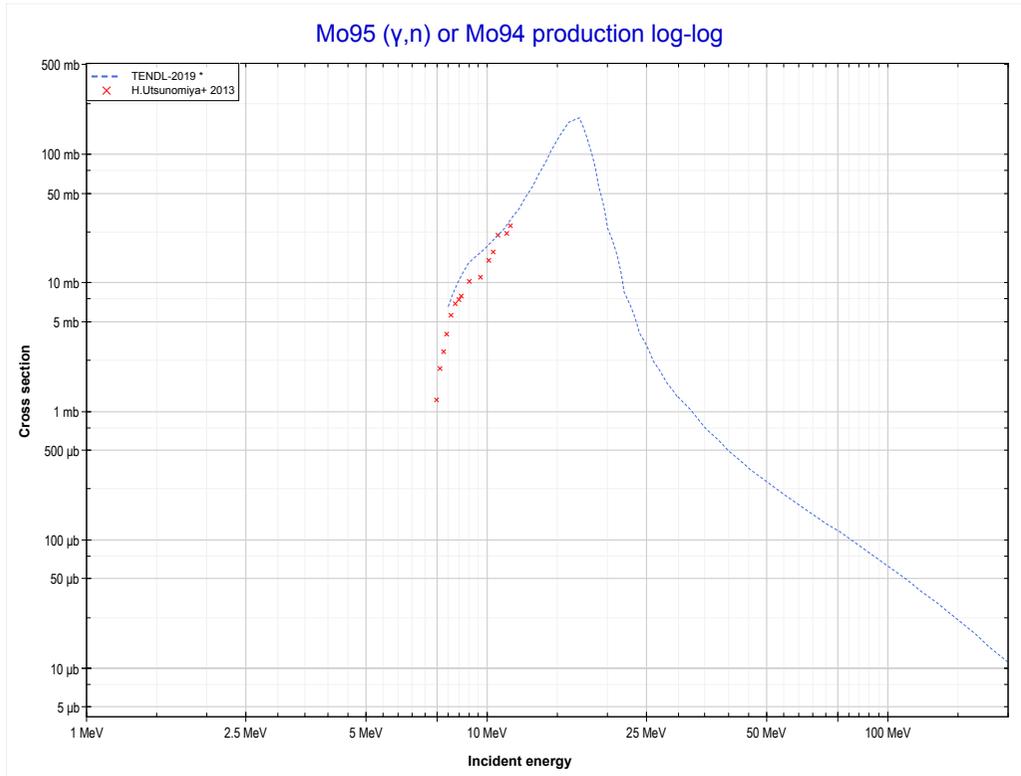
Reaction	Q-Value
Mo92(γ,n)Mo91	-12670.90 keV

<< 42-Mo-92	42-Mo-94	42-Mo-95 >>
<< 42-Mo-92 MT4 (γ,n)	MT4 (γ,n) or MT5 (Mo93 production)	42-Mo-95 MT4 (γ,n) >>



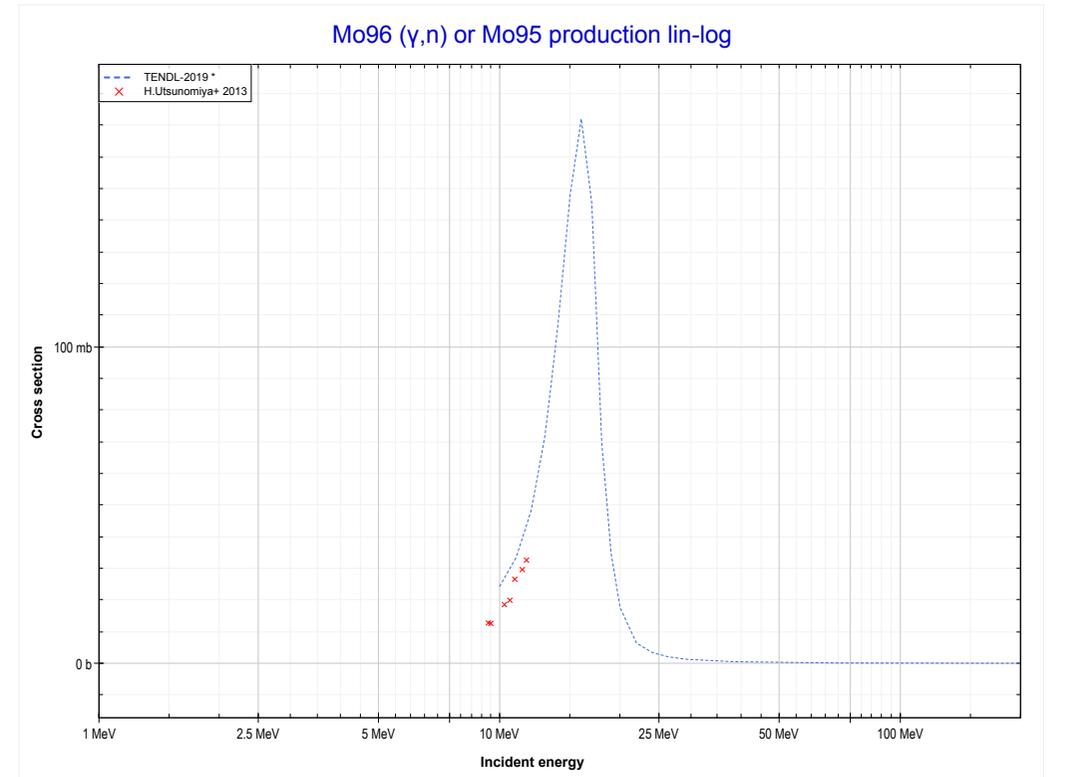
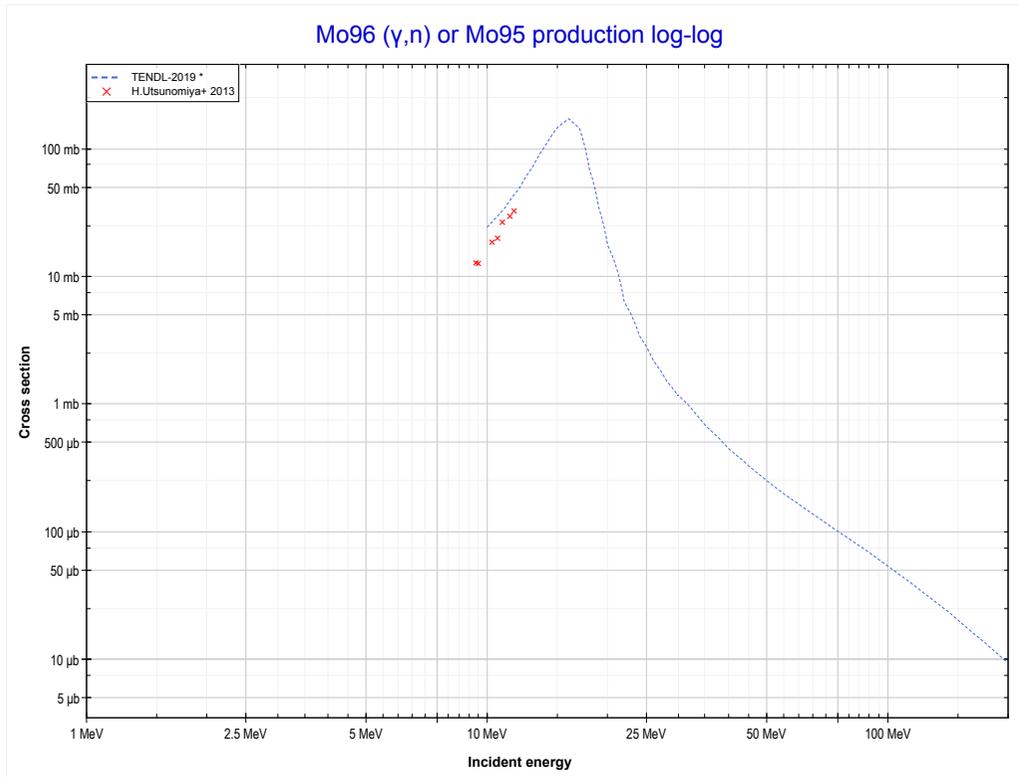
Reaction	Q-Value
Mo94(γ,n)Mo93	-9678.31 keV

<< 42-Mo-94	42-Mo-95	42-Mo-96 >>
<< 42-Mo-94 MT4 (γ,n)	MT4 (γ,n) or MT5 (Mo94 production)	42-Mo-96 MT4 (γ,n) >>



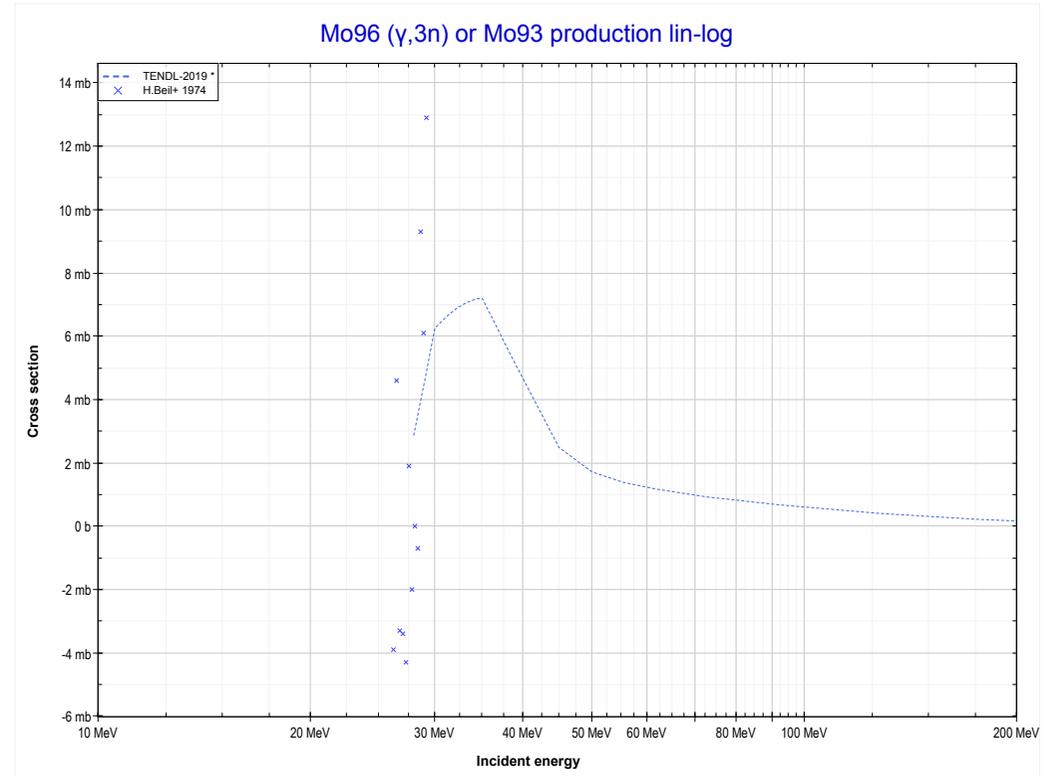
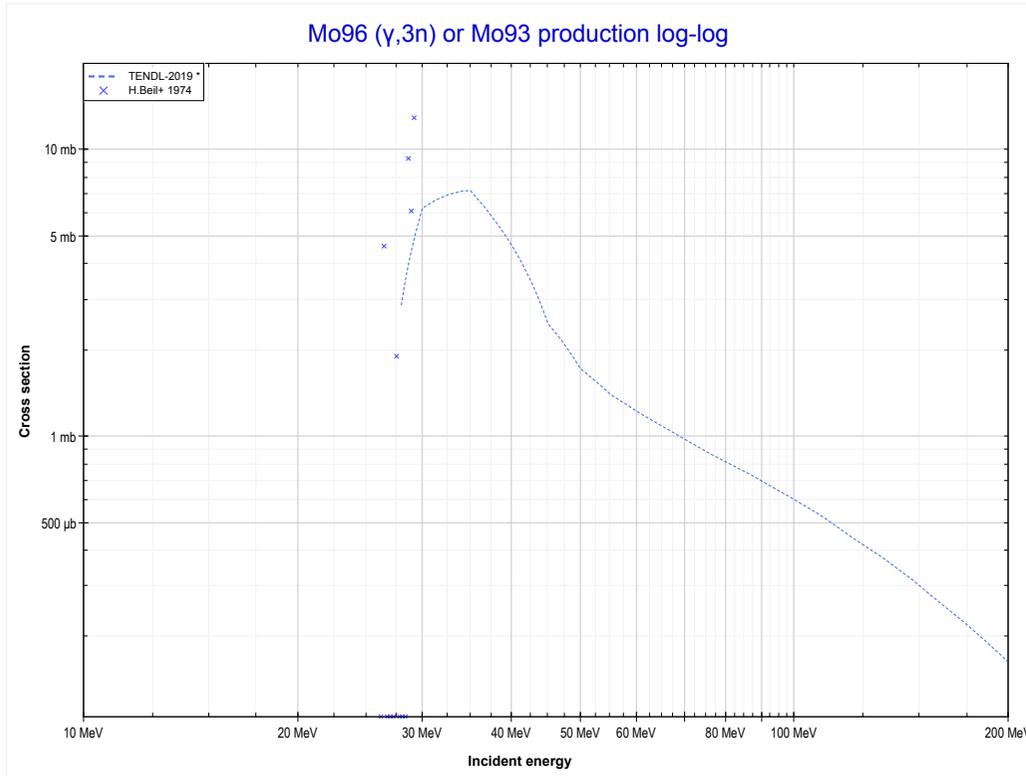
Reaction	Q-Value
Mo95(γ,n)Mo94	-7369.12 keV

<< 42-Mo-95	42-Mo-96	42-Mo-97 >>
<< 42-Mo-95 MT4 (γ,n)	MT4 (γ,n) or MT5 (Mo95 production)	MT17 (γ,3n) >>



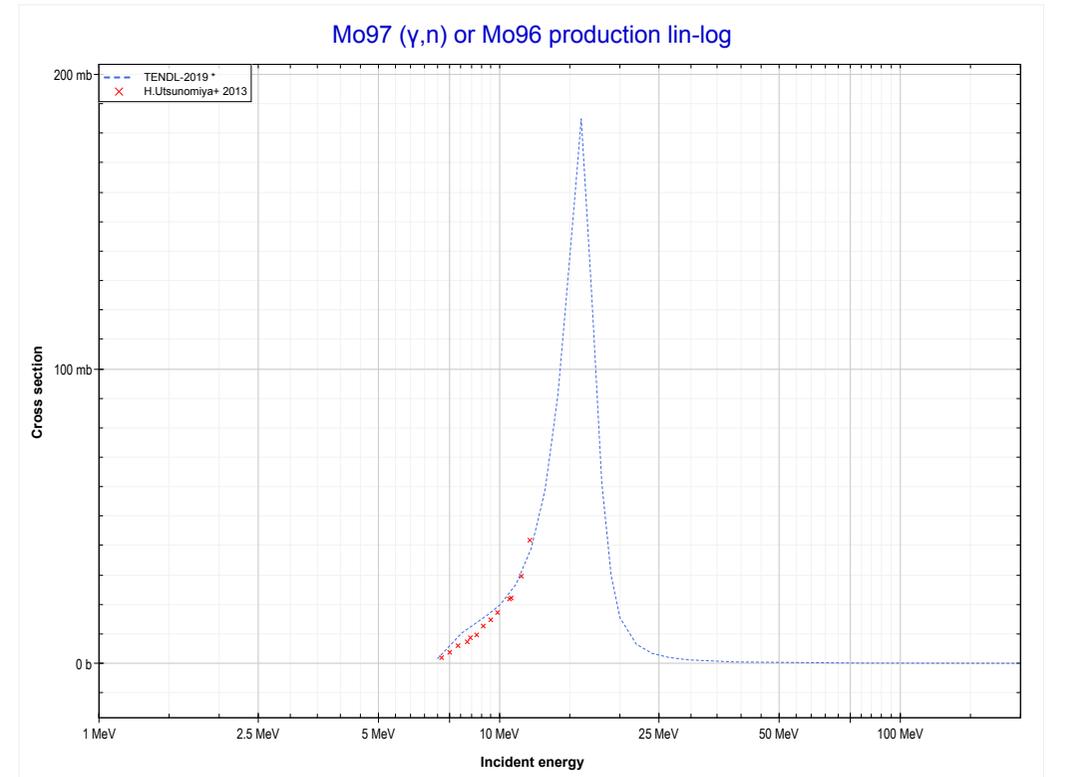
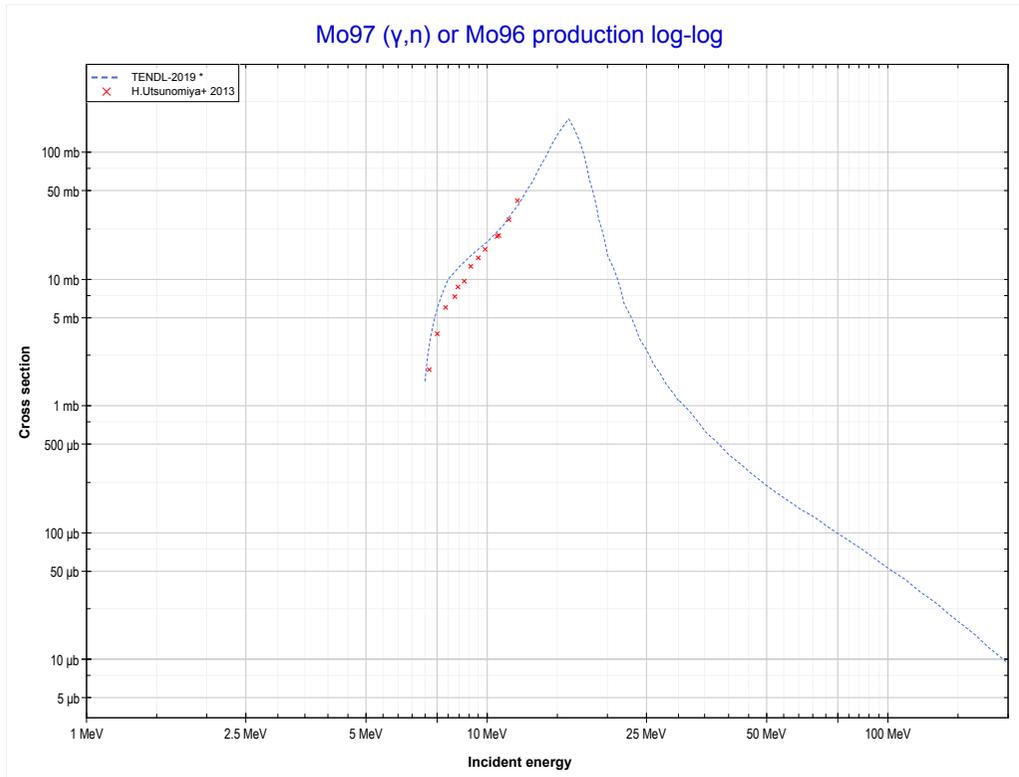
Reaction	Q-Value
Mo96(γ,n)Mo95	-9154.34 keV

<< 40-Zr-94	42-Mo-96	42-Mo-98 >>
<< MT4 (γ,n)	MT17 ($\gamma,3n$) or MT5 (Mo93 production)	42-Mo-97 MT4 (γ,n) >>



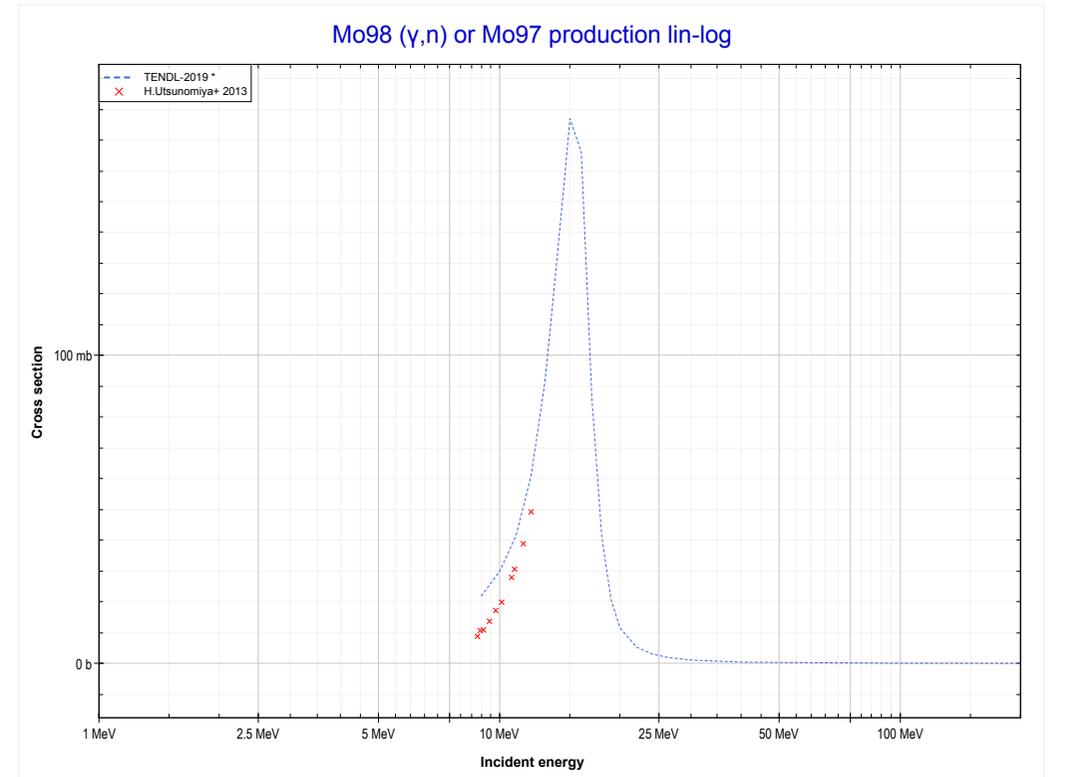
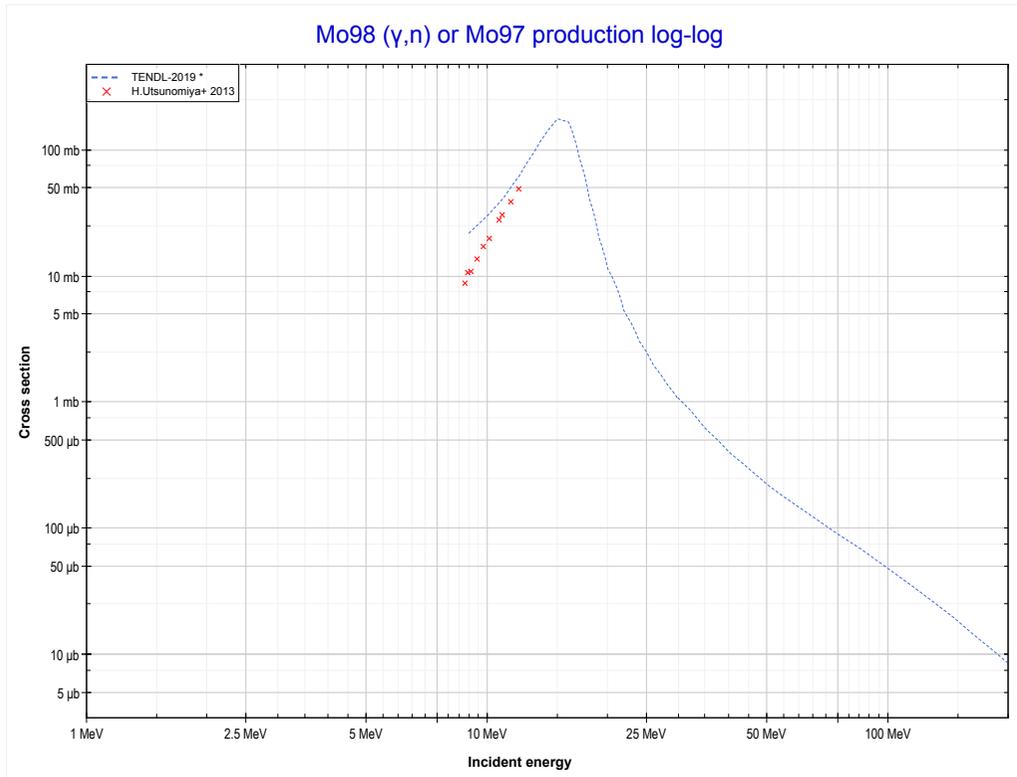
Reaction	Q-Value
Mo96($\gamma,3n$)Mo93	-26201.76 keV

<< 42-Mo-96	42-Mo-97	42-Mo-98 >>
<< 42-Mo-96 MT17 ($\gamma,3n$)	MT4 (γ,n) or MT5 (Mo96 production)	42-Mo-98 MT4 (γ,n) >>



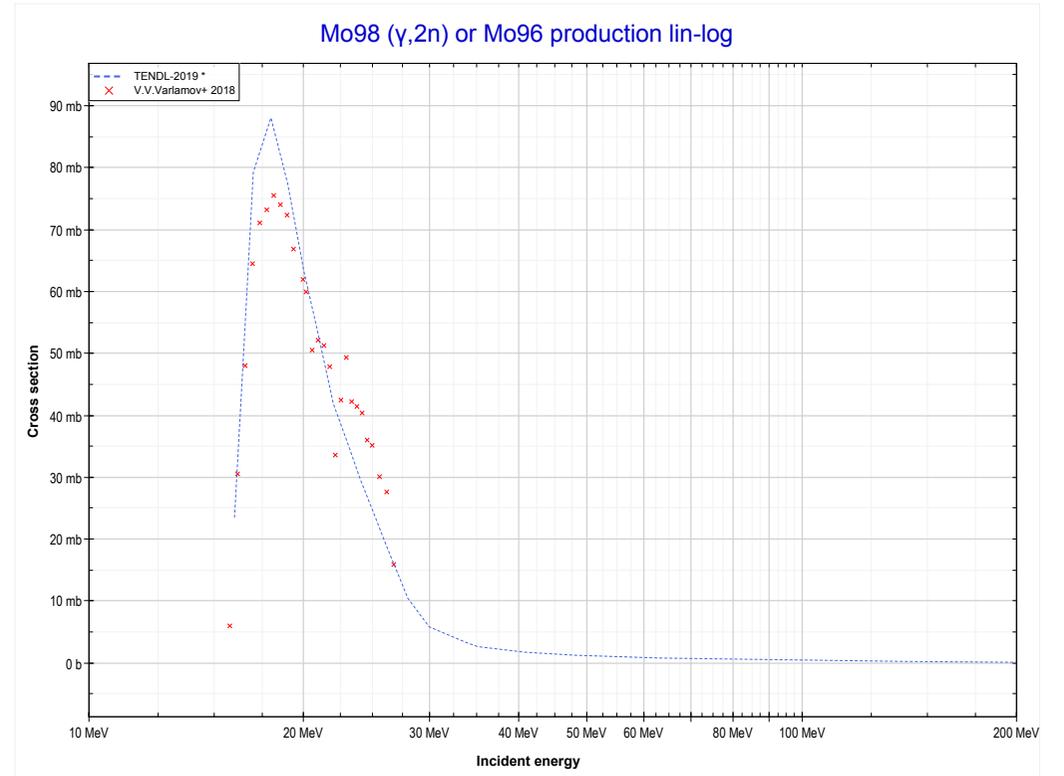
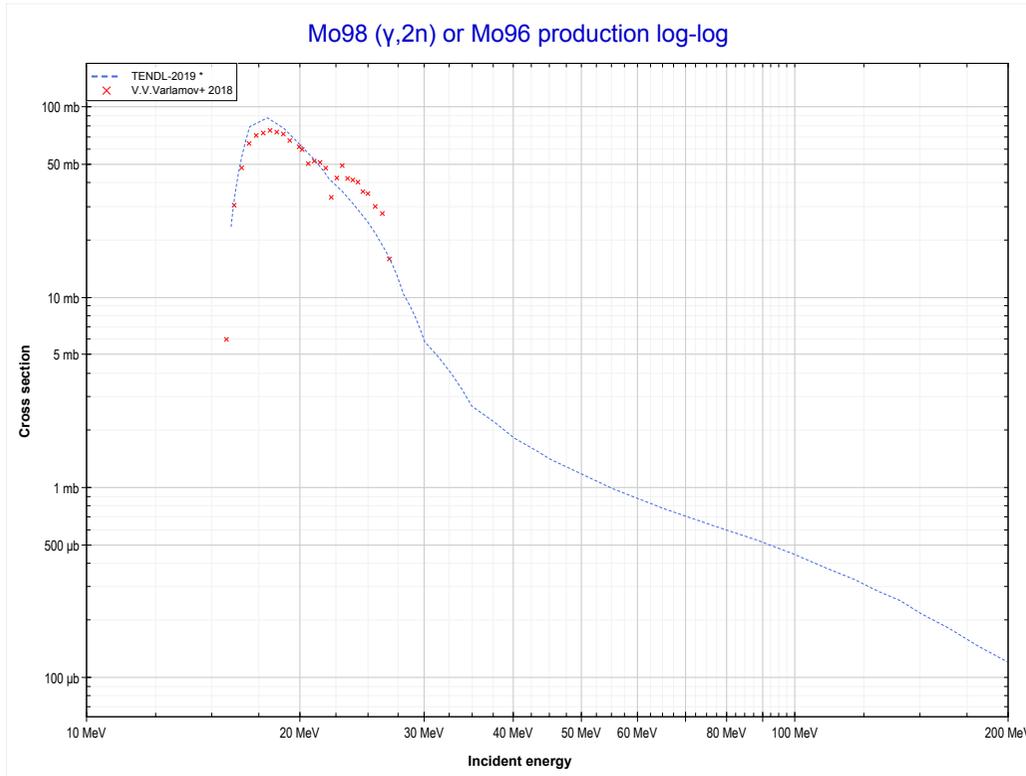
Reaction	Q-Value
Mo97(γ,n)Mo96	-6821.13 keV

<< 42-Mo-97	42-Mo-98	42-Mo-100 >>
<< 42-Mo-97 MT4 (γ,n)	MT4 (γ,n) or MT5 (Mo97 production)	MT16 (γ,2n) >>



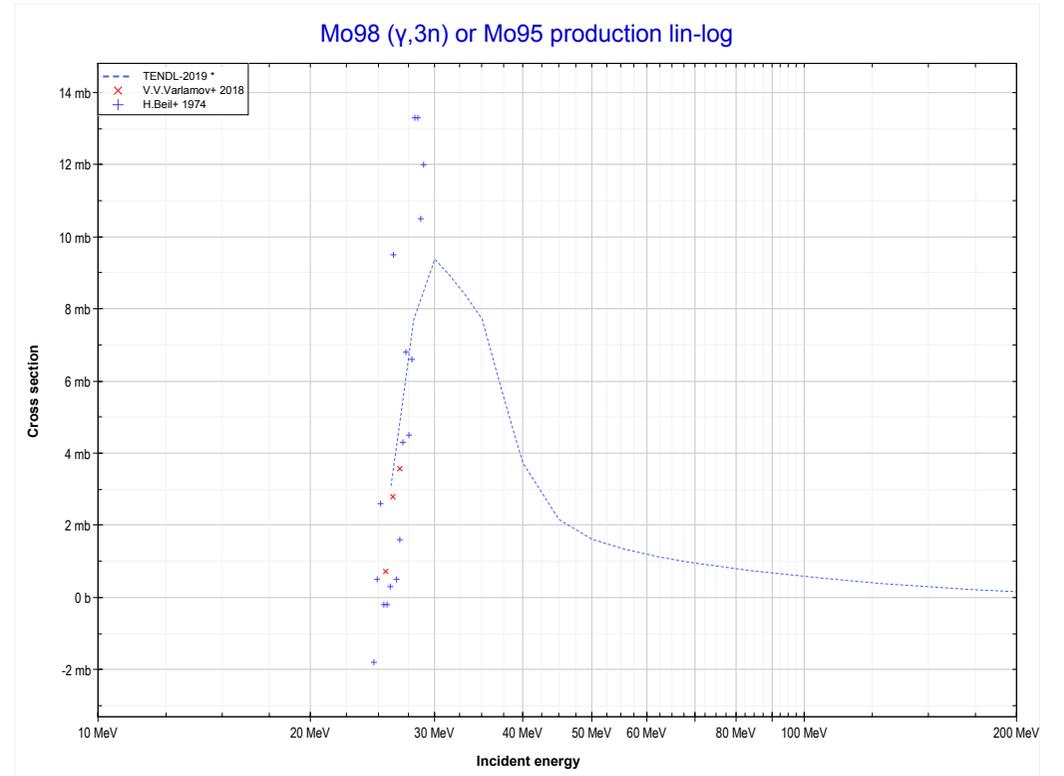
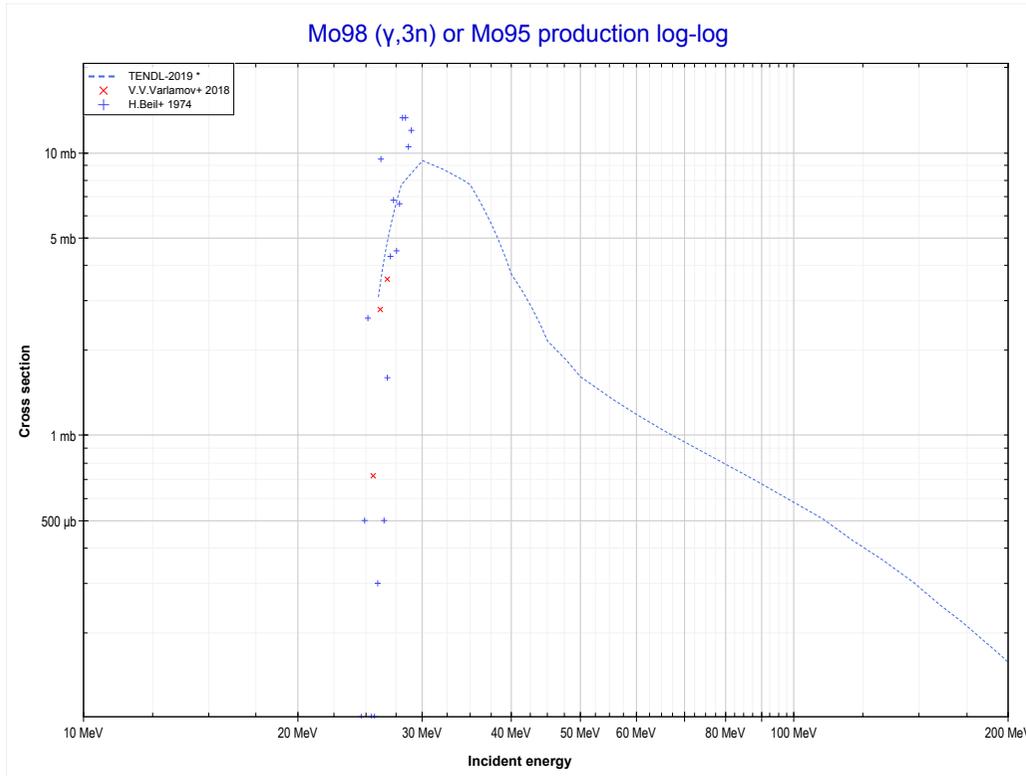
Reaction	Q-Value
Mo98(γ,n)Mo97	-8642.60 keV

<< 40-Zr-92	42-Mo-98	45-Rh-103 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Mo96 production)	MT17 ($\gamma,3n$) >>



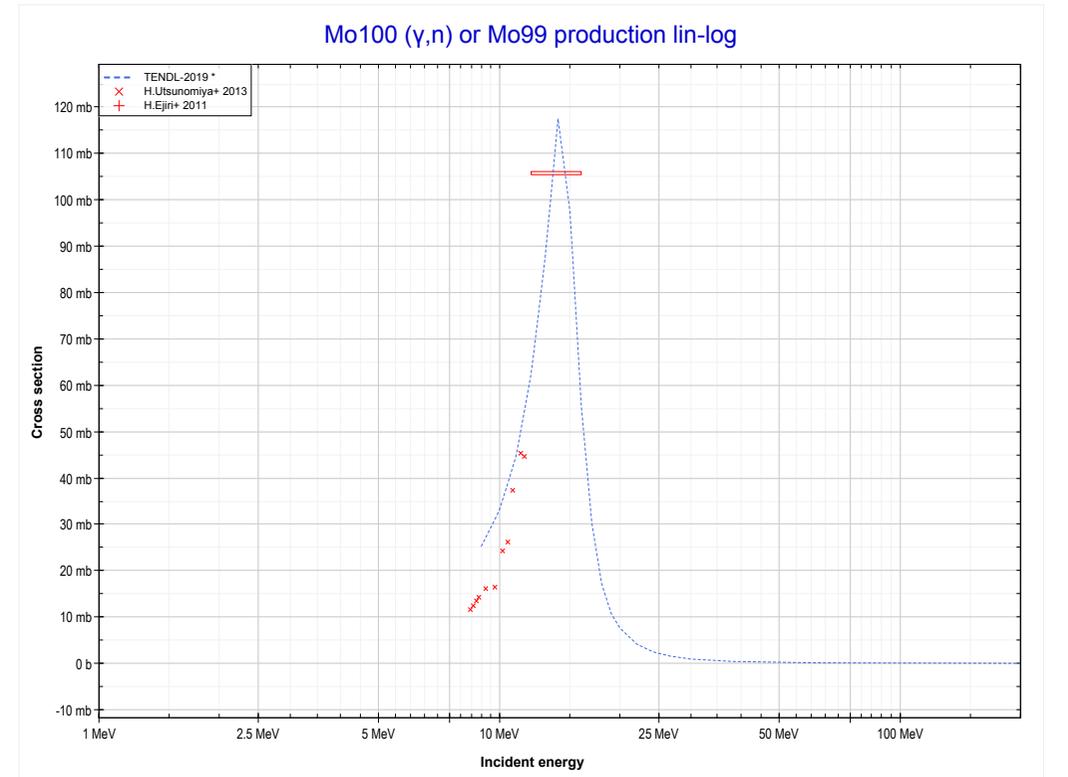
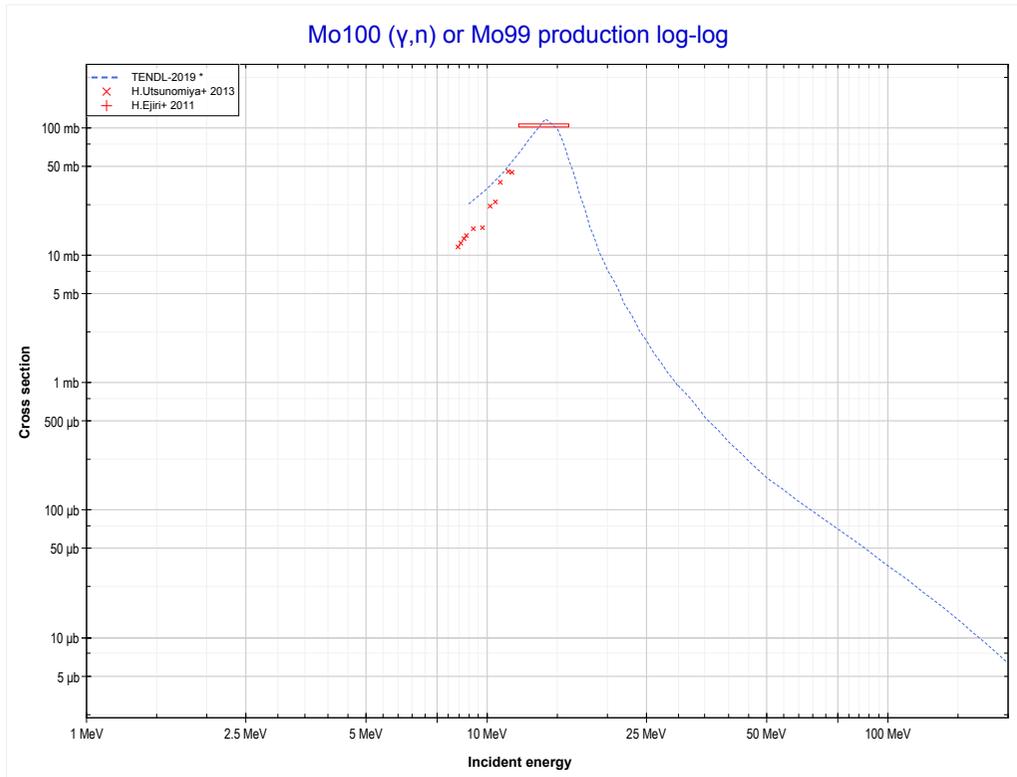
Reaction	Q-Value
Mo98($\gamma,2n$)Mo96	-15463.72 keV

<< 42-Mo-96	42-Mo-98	42-Mo-100 >>
<< MT16 ($\gamma,2n$)	MT17 ($\gamma,3n$) or MT5 (Mo95 production)	42-Mo-100 MT4 (γ,n) >>



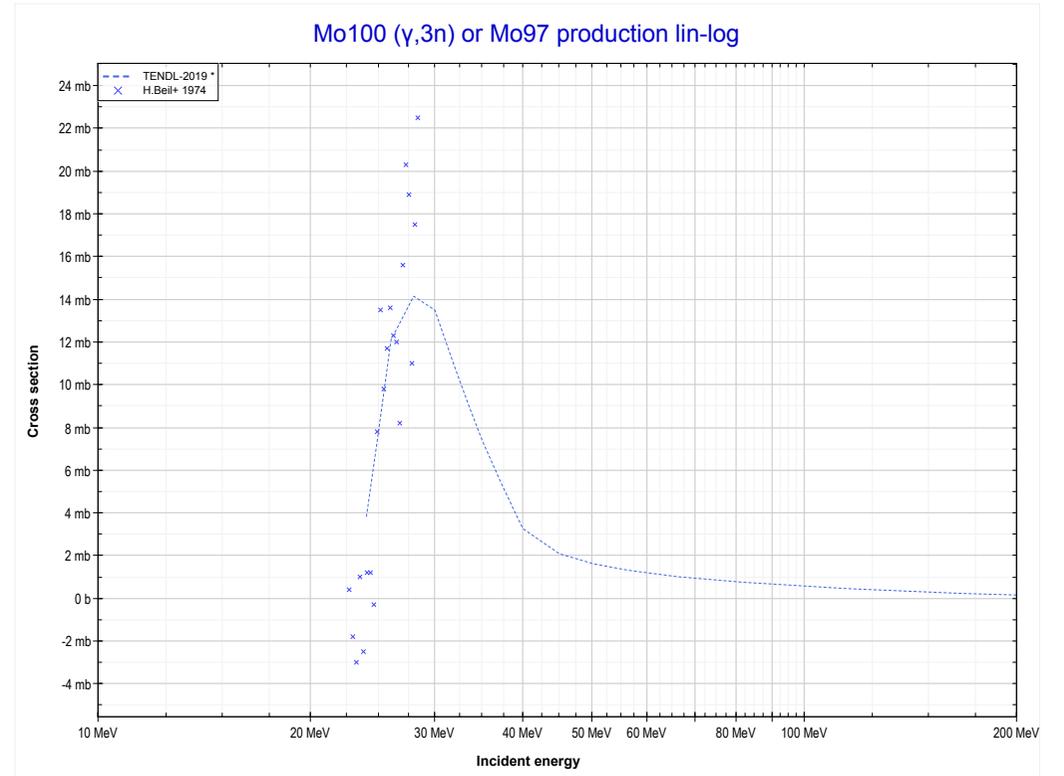
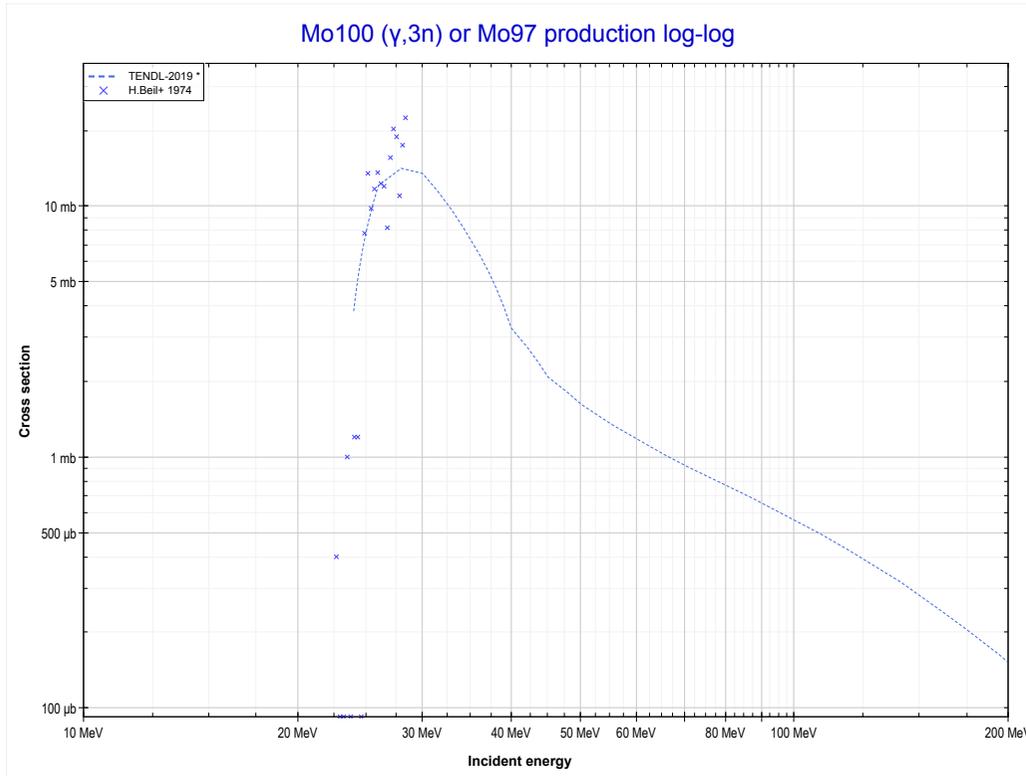
Reaction	Q-Value
Mo98($\gamma,3n$)Mo95	-24618.06 keV

<< 42-Mo-98	42-Mo-100	46-Pd-105 >>
<< 42-Mo-98 MT17 ($\gamma,3n$)	MT4 (γ,n) or MT5 (Mo99 production)	MT17 ($\gamma,3n$) >>



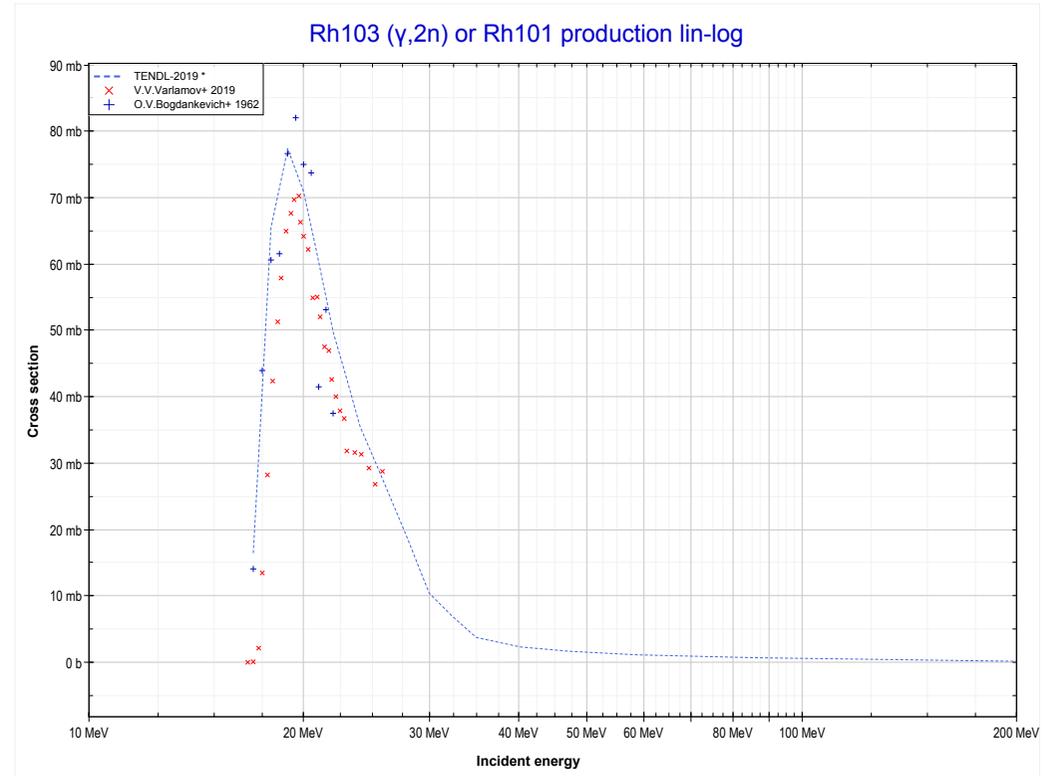
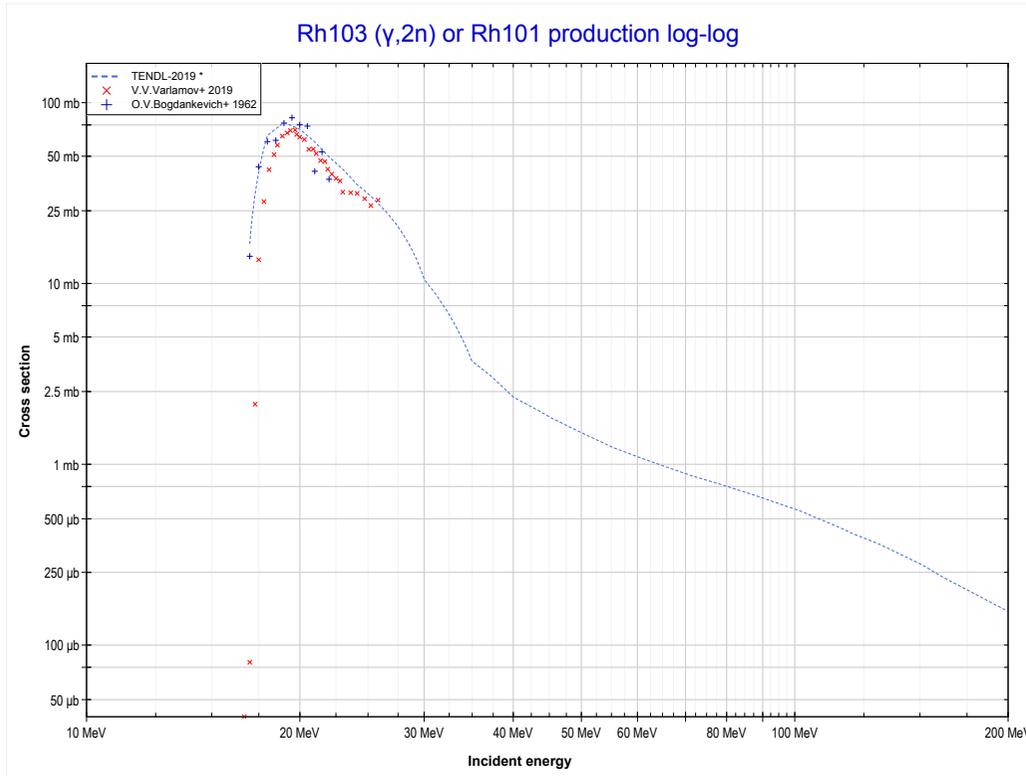
Reaction	Q-Value
Mo100(γ,n)Mo99	-8294.22 keV

<< 42-Mo-98	42-Mo-100	49-In-115 >>
<< MT4 (γ,n)	MT17 ($\gamma,3n$) or MT5 (Mo97 production)	45-Rh-103 MT16 ($\gamma,2n$) >>



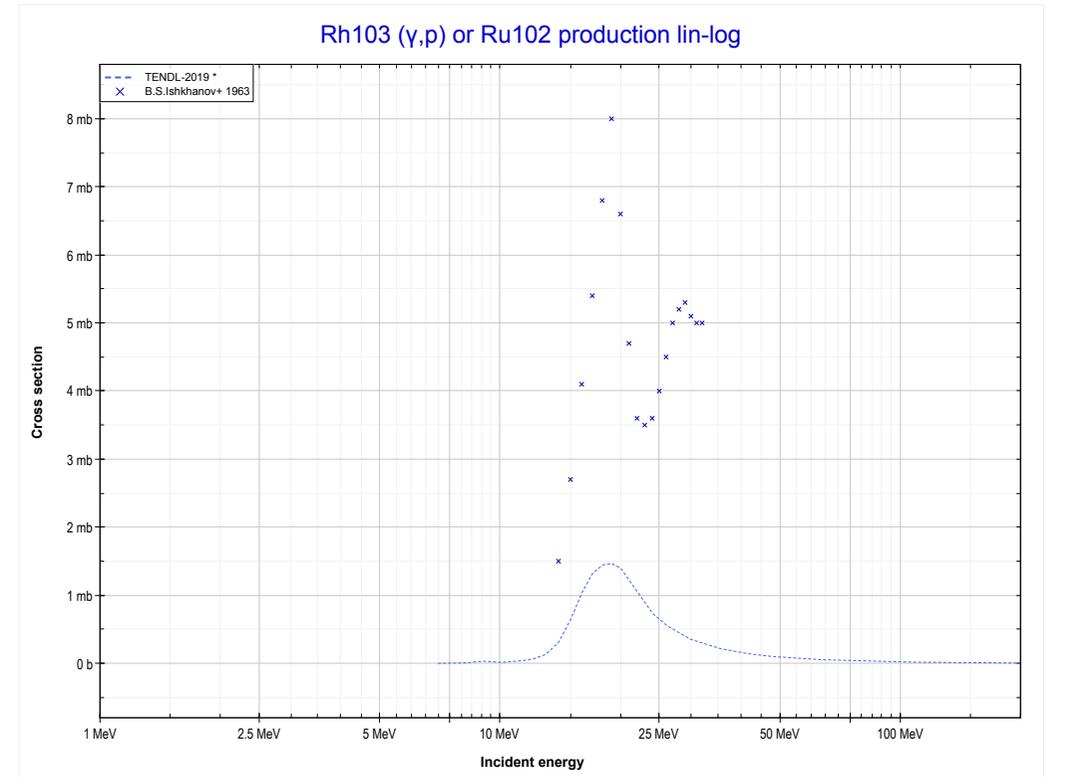
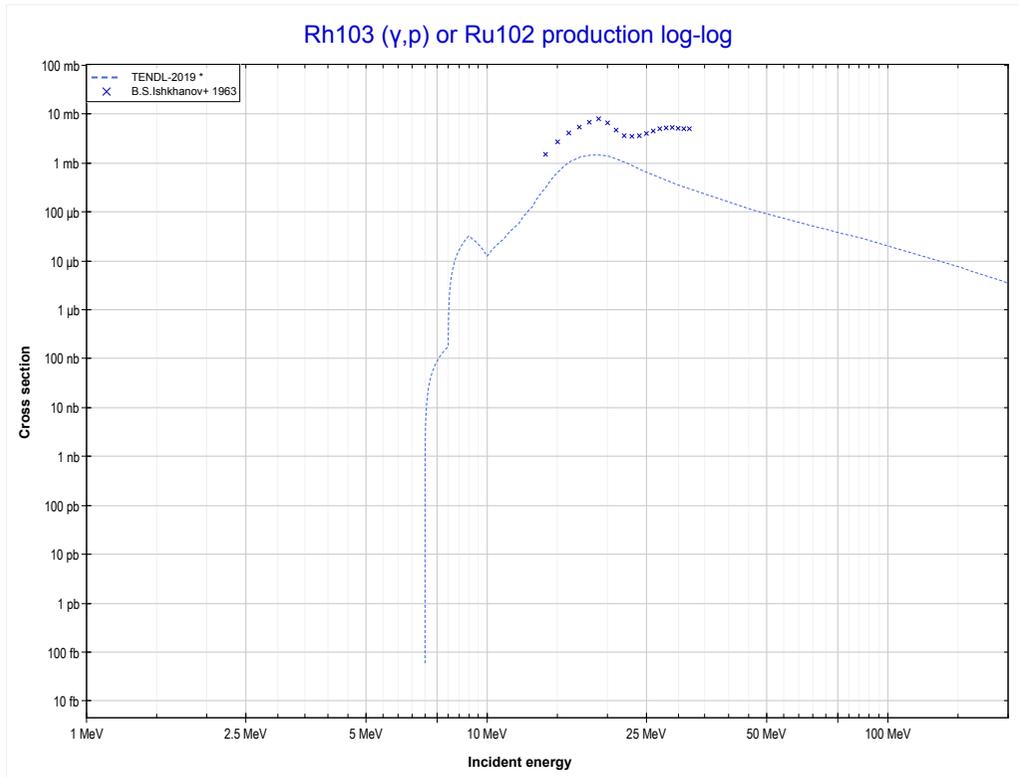
Reaction	Q-Value
Mo100($\gamma,3n$)Mo97	-22862.26 keV

<< 42-Mo-98	45-Rh-103	47-Ag-107 >>
<< 42-Mo-100 MT17 ($\gamma,3n$)	MT16 ($\gamma,2n$) or MT5 (Rh101 production)	MT103 (γ,p) >>



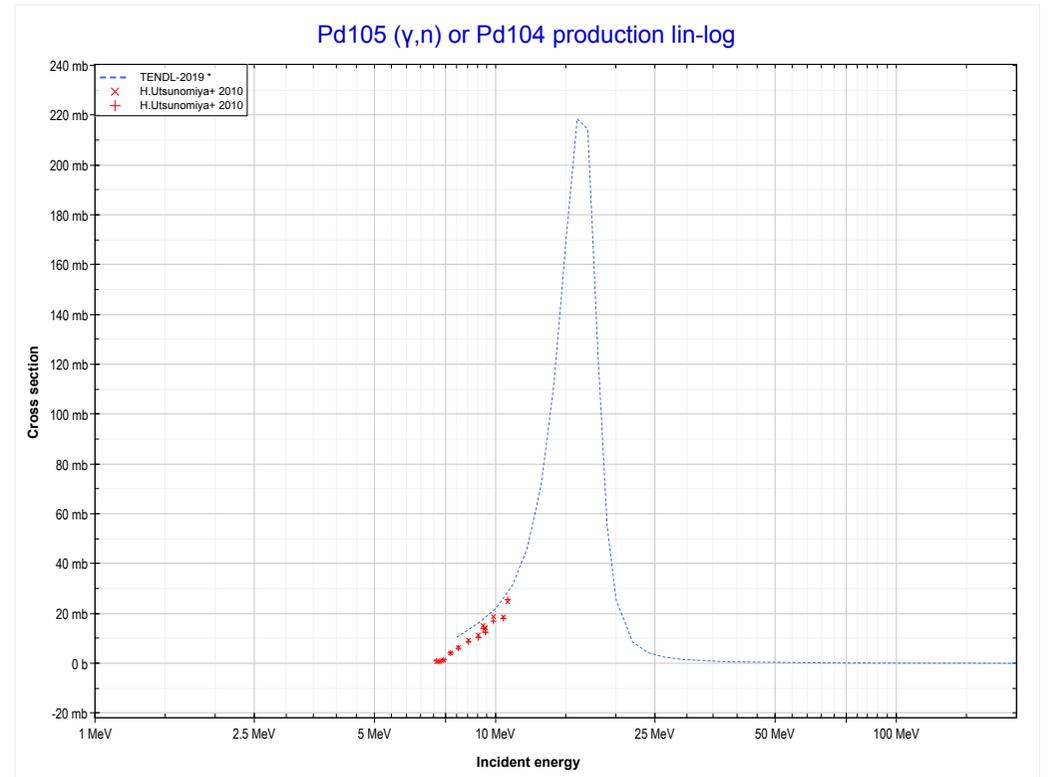
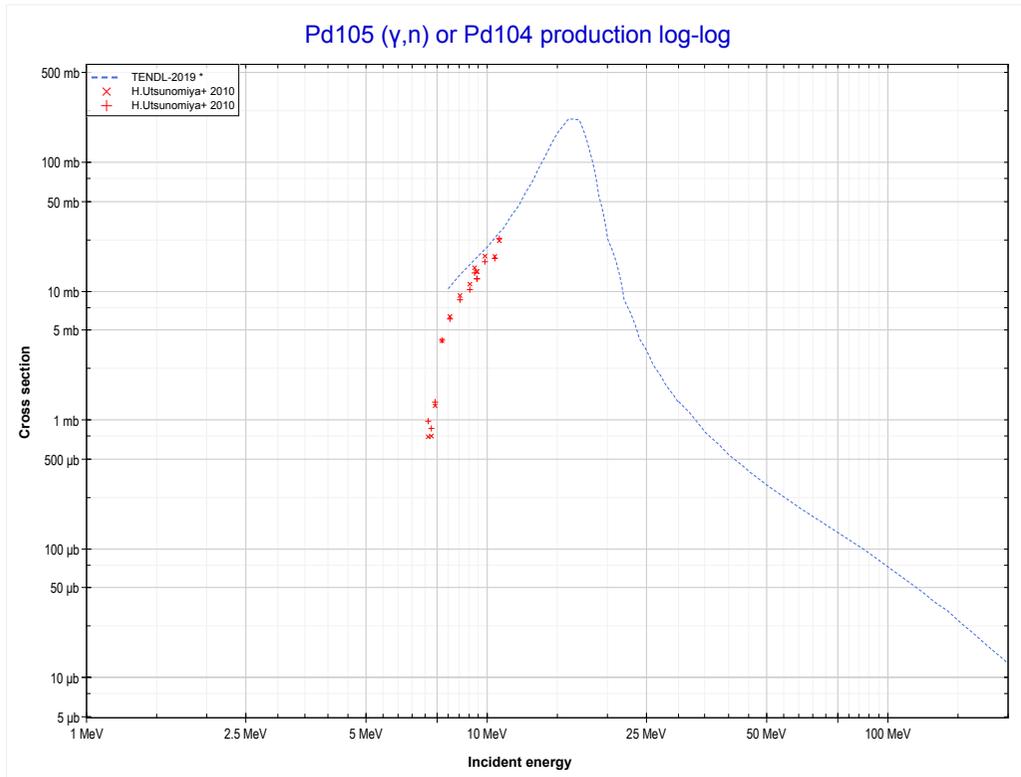
Reaction	Q-Value
Rh103($\gamma,2n$)Rh101	-16762.33 keV

<< 40-Zr-90	45-Rh-103	46-Pd-108 >>
<< MT16 ($\gamma,2n$)	MT103 (γ,p) or MT5 (Ru102 production)	46-Pd-105 MT4 (γ,n) >>



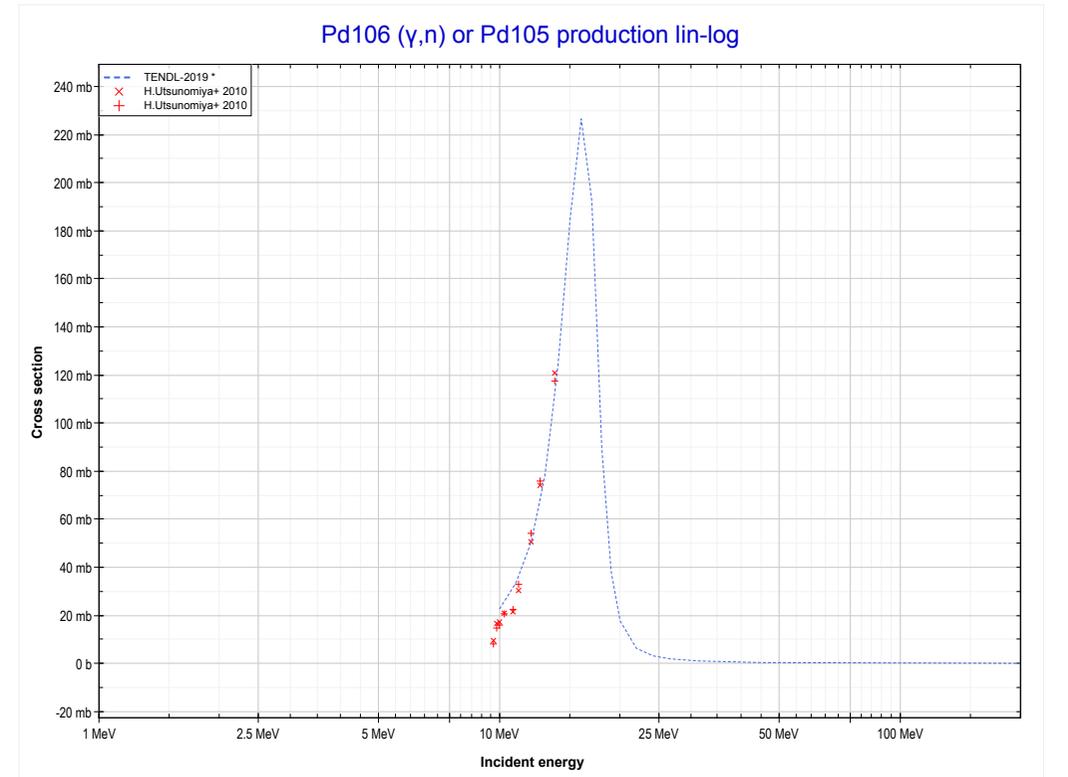
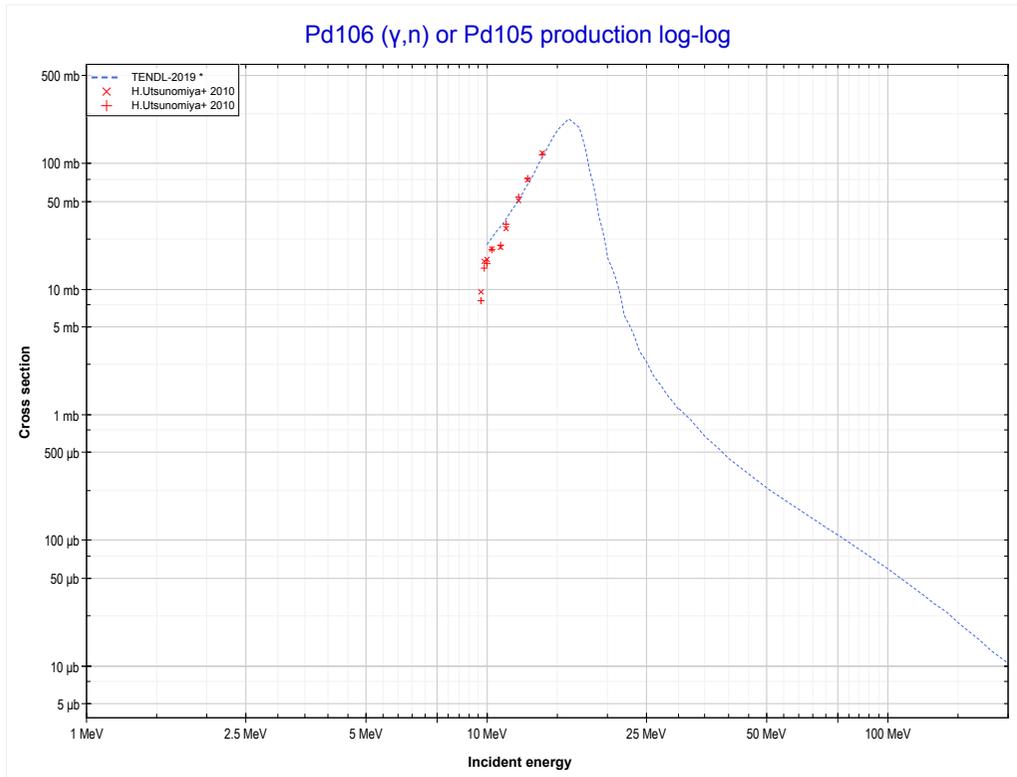
Reaction	Q-Value
Rh103(γ,p)Ru102	-6214.27 keV

<< 42-Mo-100	46-Pd-105	46-Pd-106 >>
<< 45-Rh-103 MT103 (γ,p)	MT4 (γ,n) or MT5 (Pd104 production)	46-Pd-106 MT4 (γ,n) >>



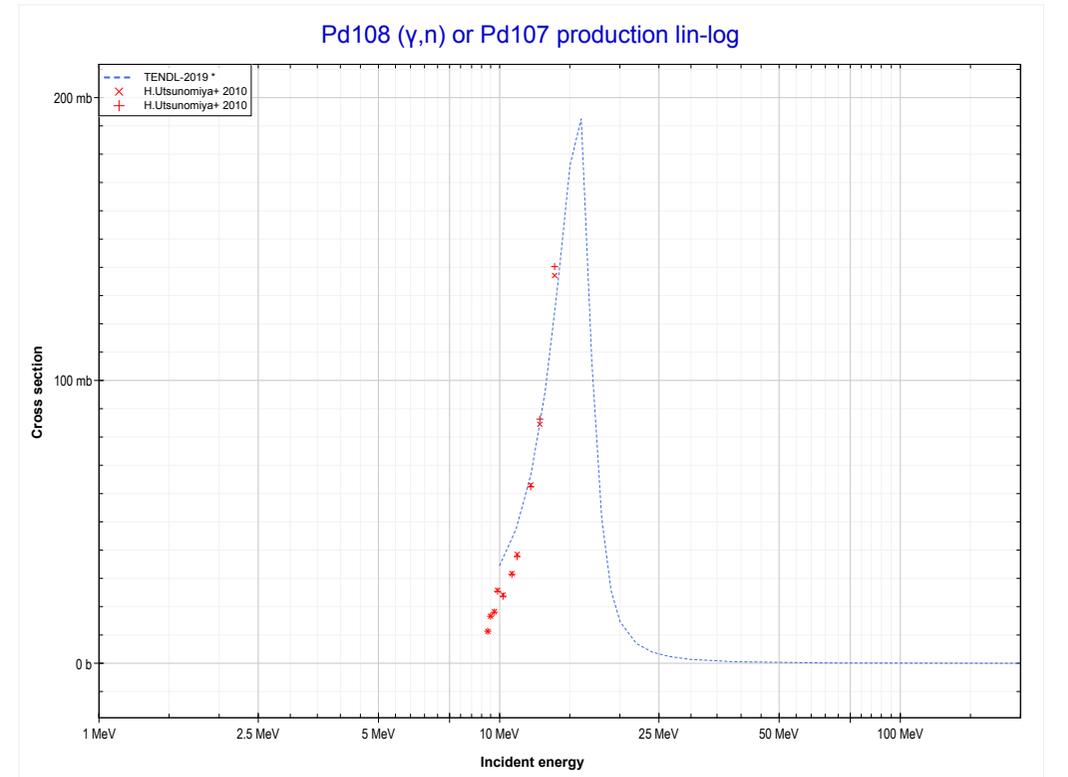
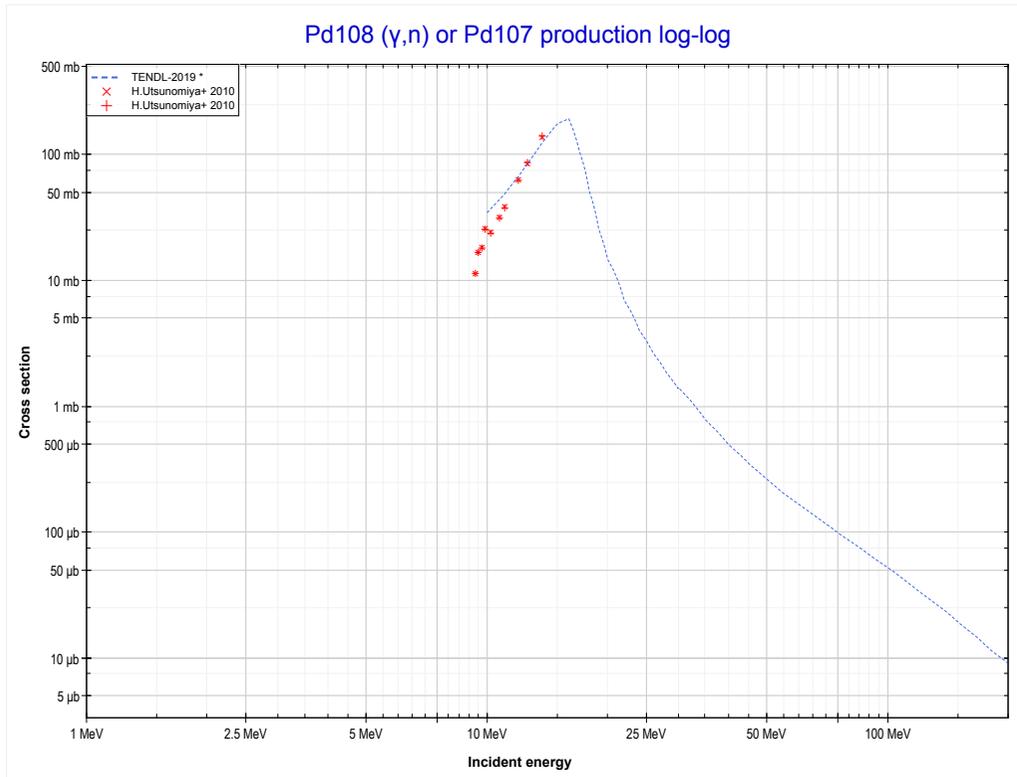
Reaction	Q-Value
Pd105(γ,n)Pd104	-7094.12 keV

<< 46-Pd-105	46-Pd-106	46-Pd-108 >>
<< 46-Pd-105 MT4 (γ,n)	MT4 (γ,n) or MT5 (Pd105 production)	46-Pd-108 MT4 (γ,n) >>



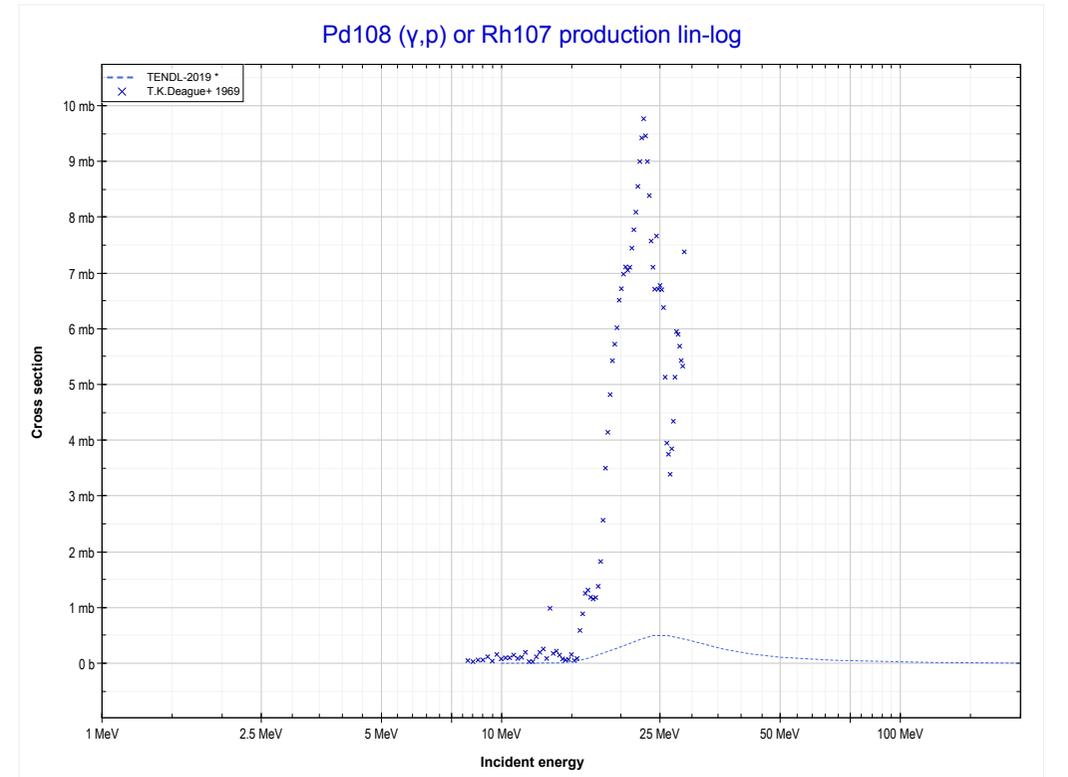
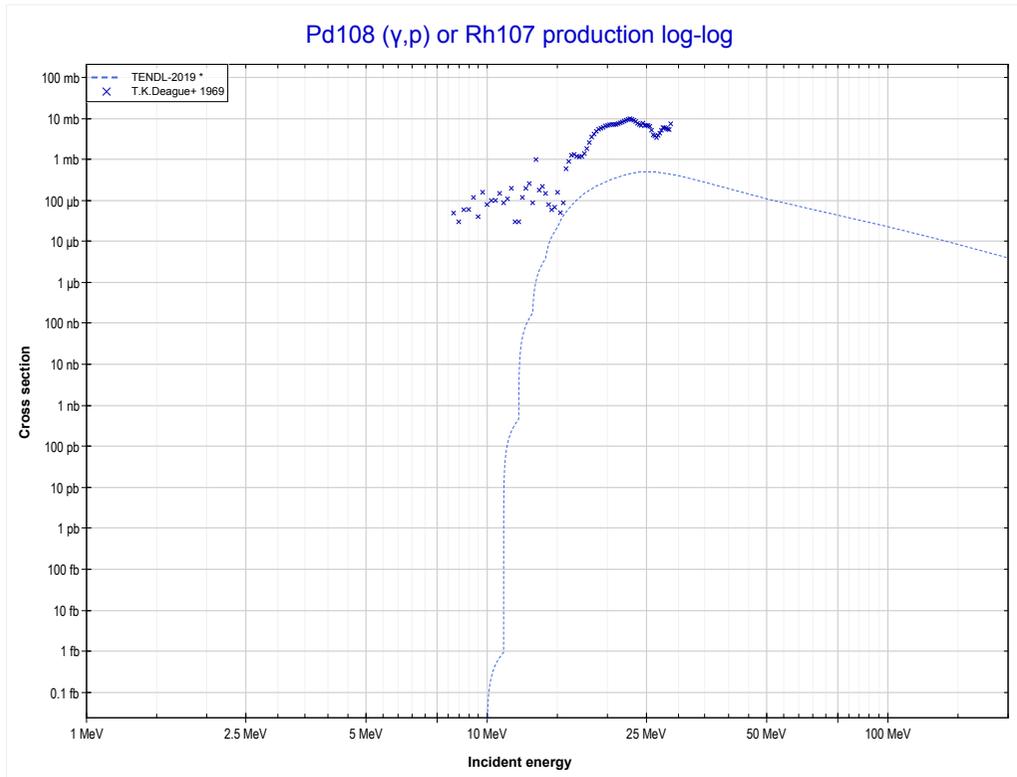
Reaction	Q-Value
Pd106(γ,n)Pd105	-9560.92 keV

<< 46-Pd-106	46-Pd-108	46-Pd-110 >>
<< 46-Pd-106 MT4 (γ,n)	MT4 (γ,n) or MT5 (Pd107 production)	MT103 (γ,p) >>



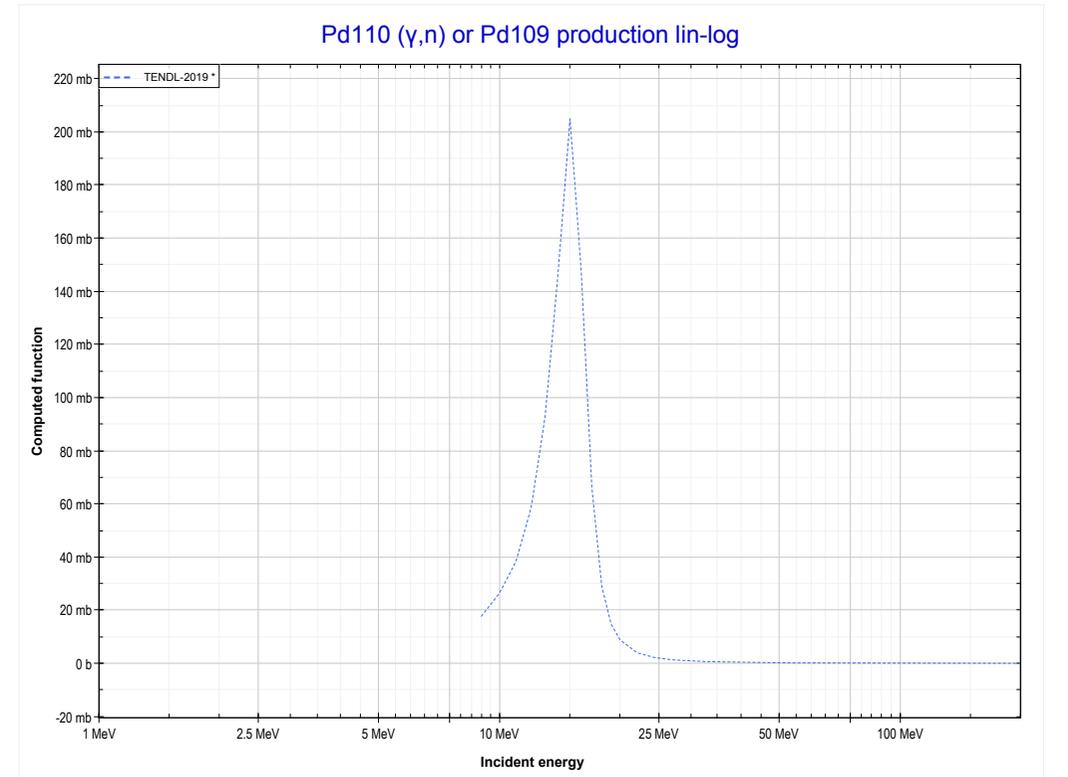
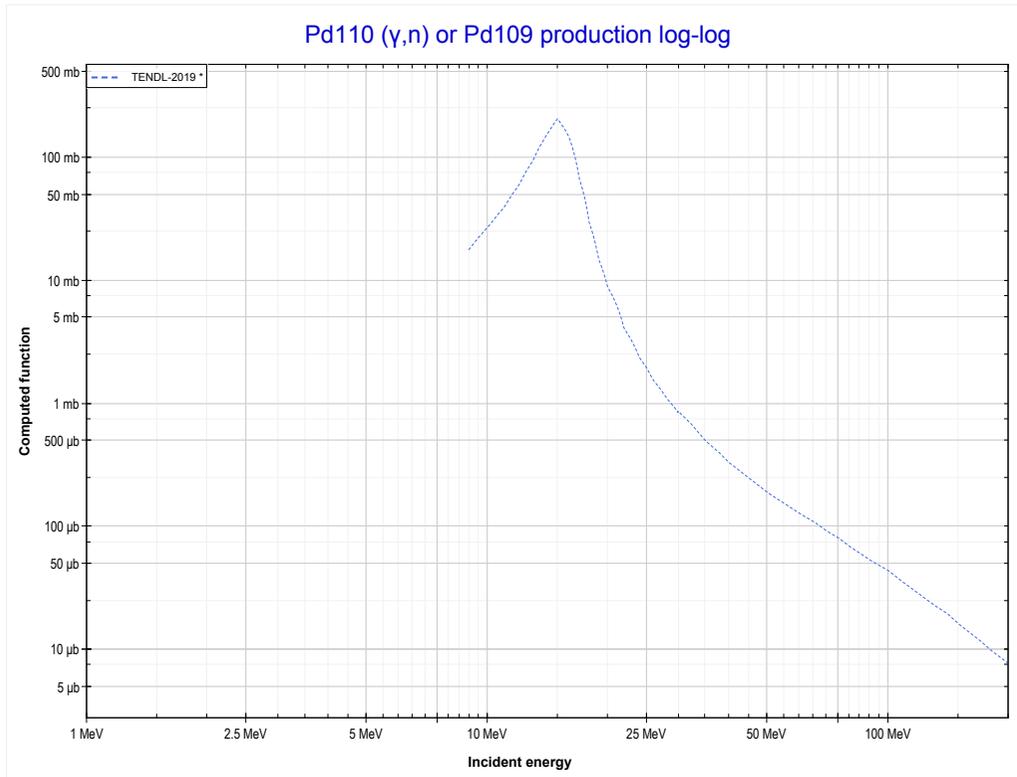
Reaction	Q-Value
Pd108(γ,n)Pd107	-9222.92 keV

<< 45-Rh-103	46-Pd-108	64-Gd-160 >>
<< MT4 (γ,n)	MT103 (γ,p) or MT5 (Rh107 production)	46-Pd-110 MT4 (γ,n) >>



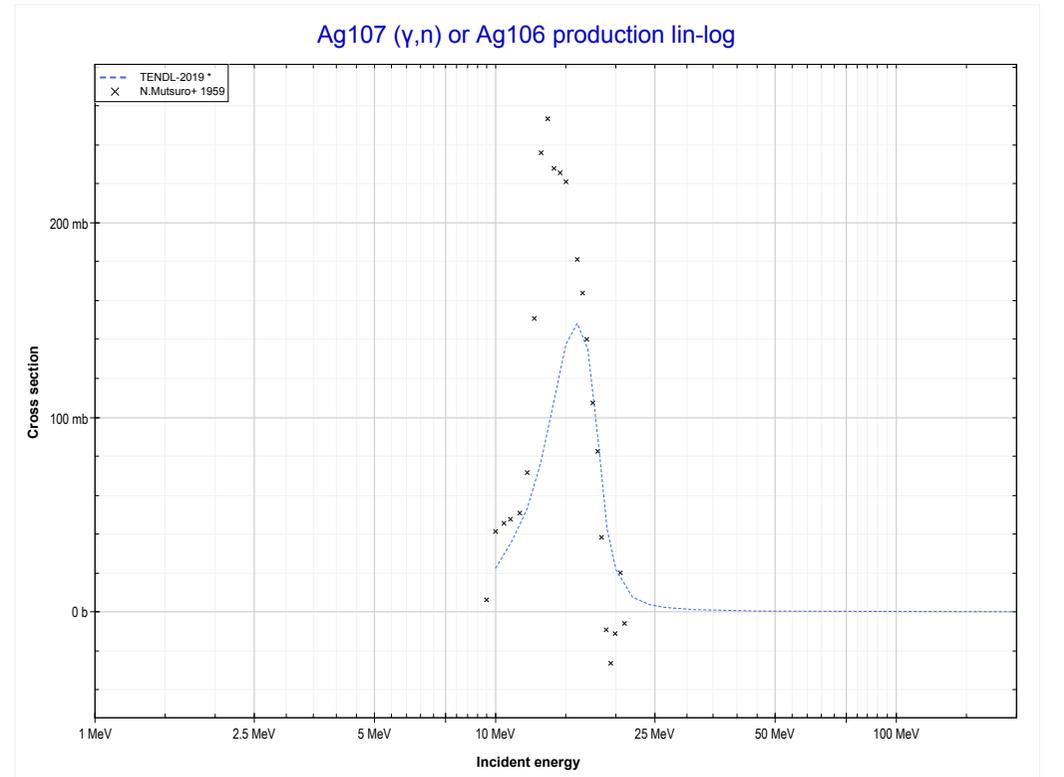
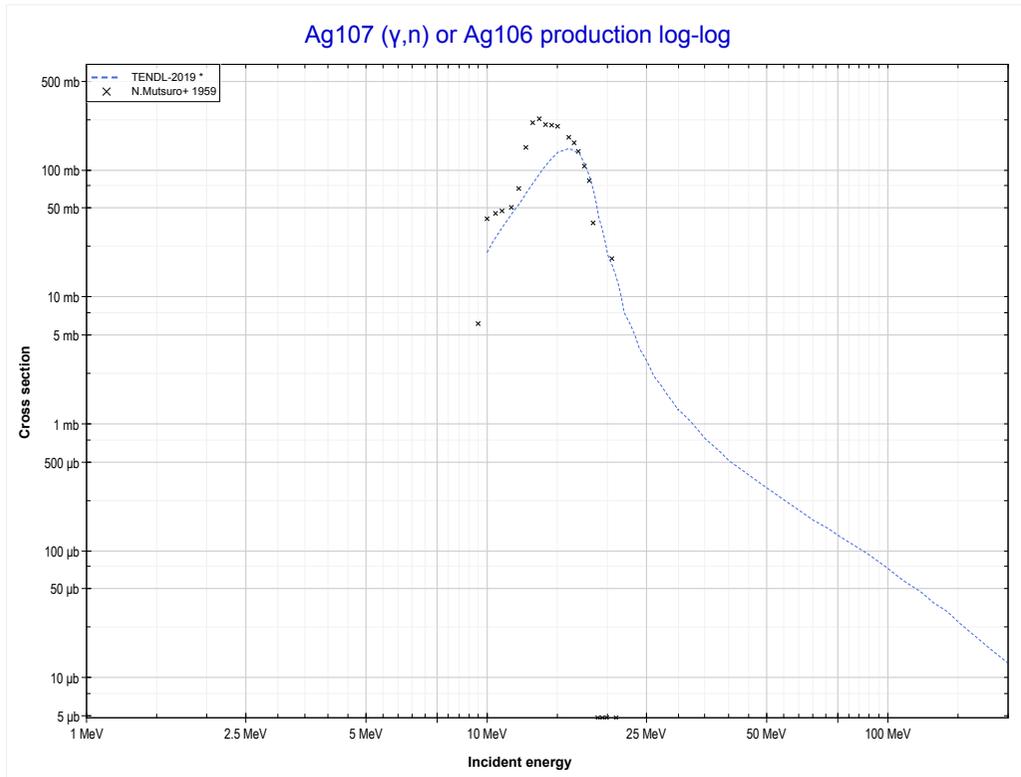
Reaction	Q-Value
Pd108(γ,p)Rh107	-9949.17 keV

<< 46-Pd-108	46-Pd-110	47-Ag-107 >>
<< 46-Pd-108 MT103 (γ,p)	MT4 (γ,n) or MT5 (Pd109 production)	47-Ag-107 MT4 (γ,n) >>



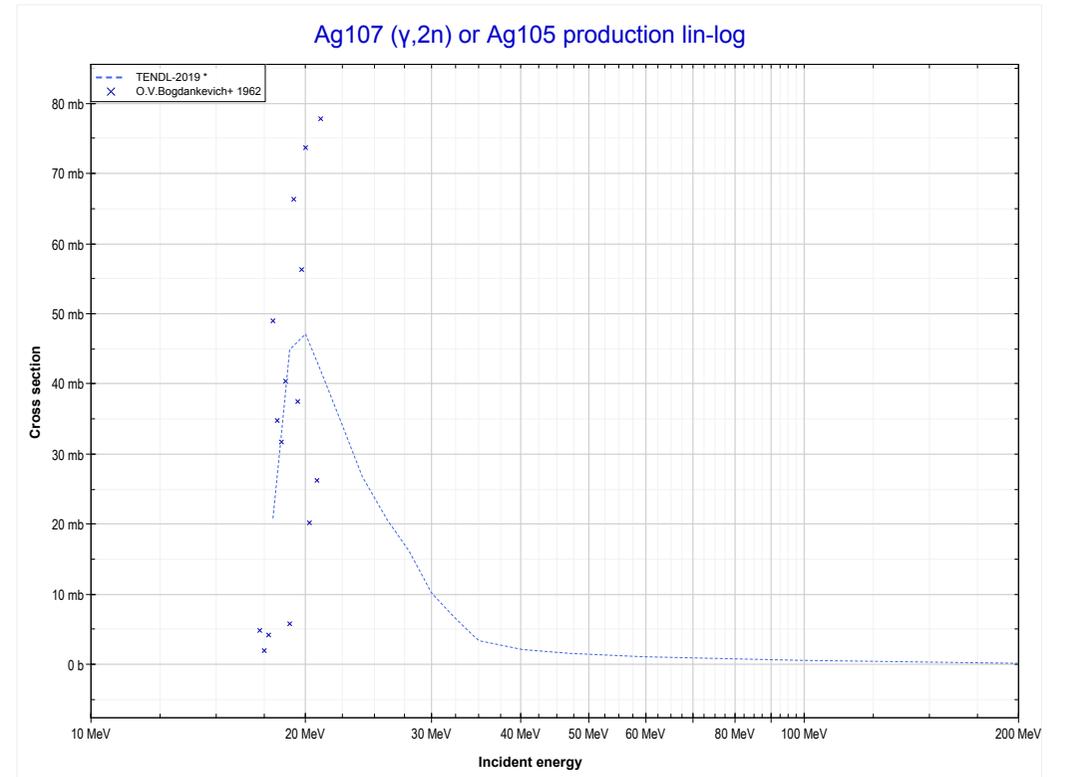
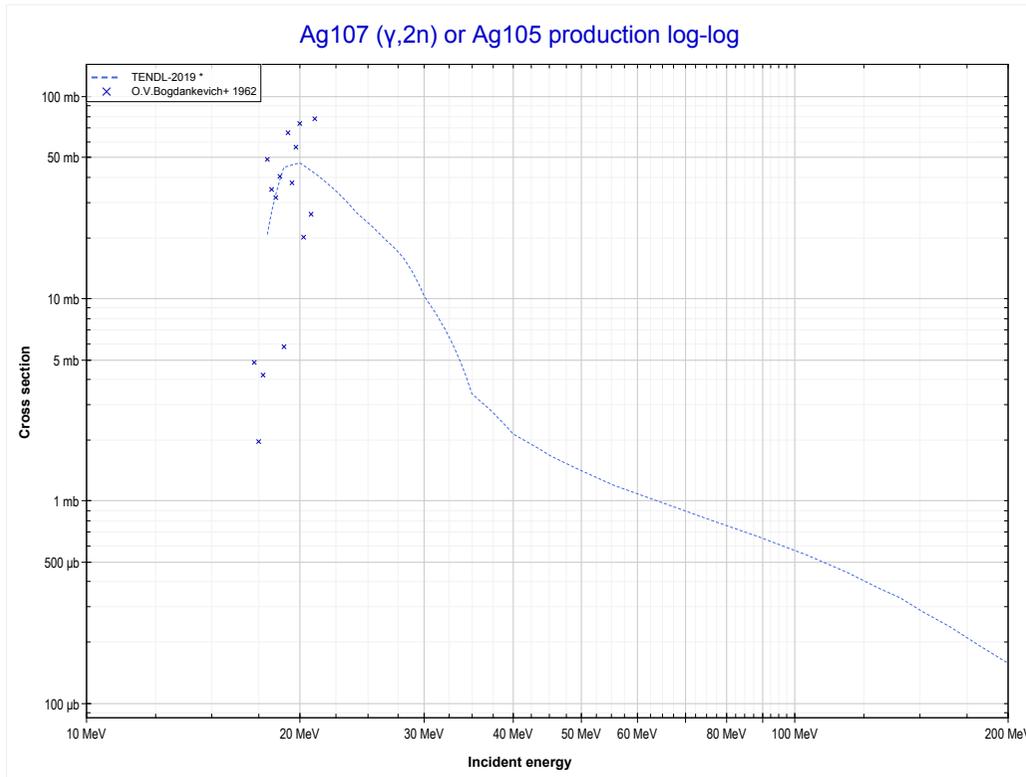
Reaction	Q-Value
Pd110(γ,n)Pd109	-8795.72 keV

<< 46-Pd-110	47-Ag-107	47-Ag-109 >>
<< 46-Pd-110 MT4 (γ,n)	MT4 (γ,n) or MT5 (Ag106 production)	MT16 (γ,2n) >>



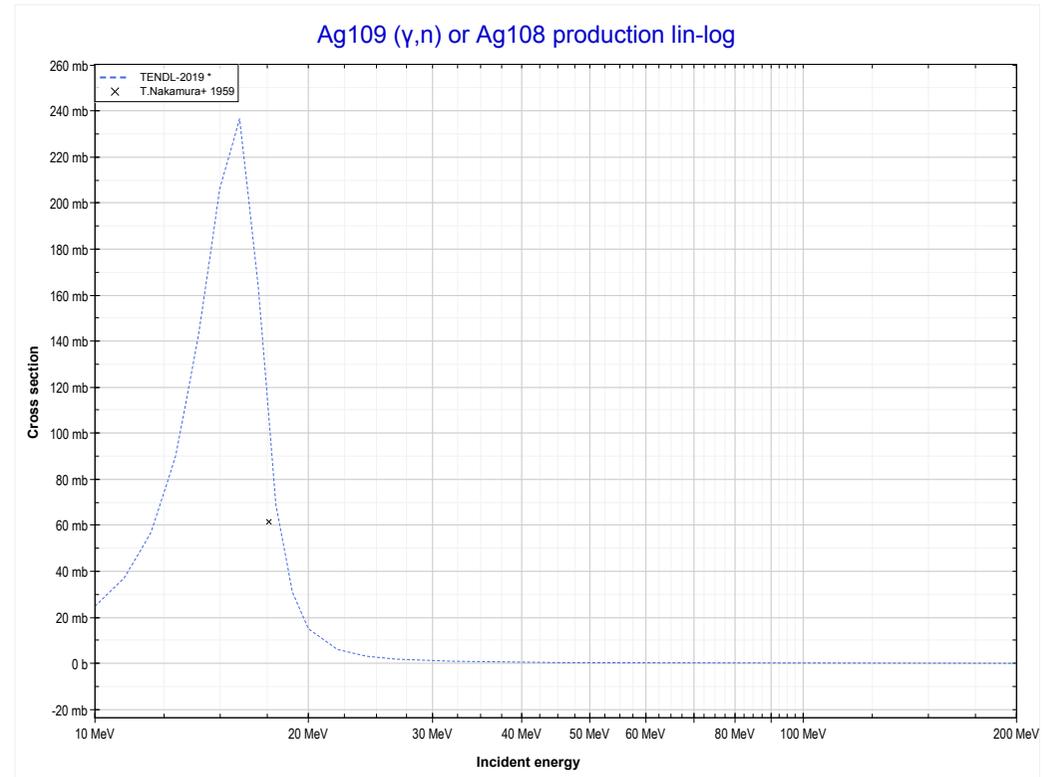
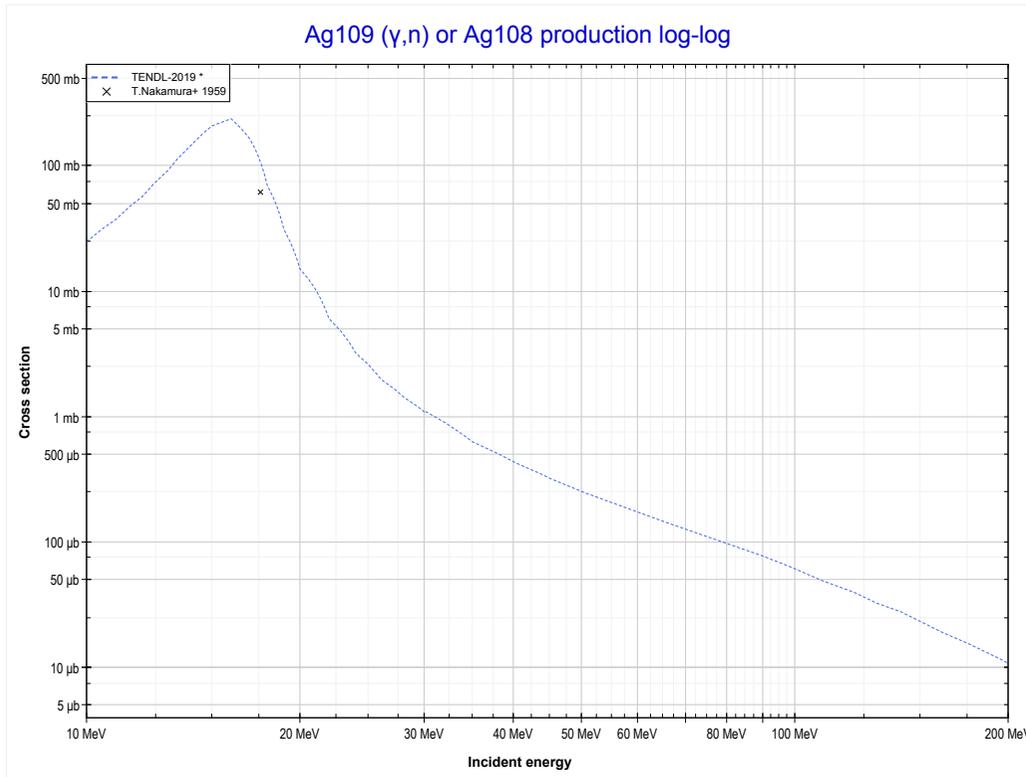
Reaction	Q-Value
Ag107(γ,n)Ag106	-9536.02 keV

<< 45-Rh-103	47-Ag-107	49-In-115 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Ag105 production)	47-Ag-109 MT4 (γ,n) >>



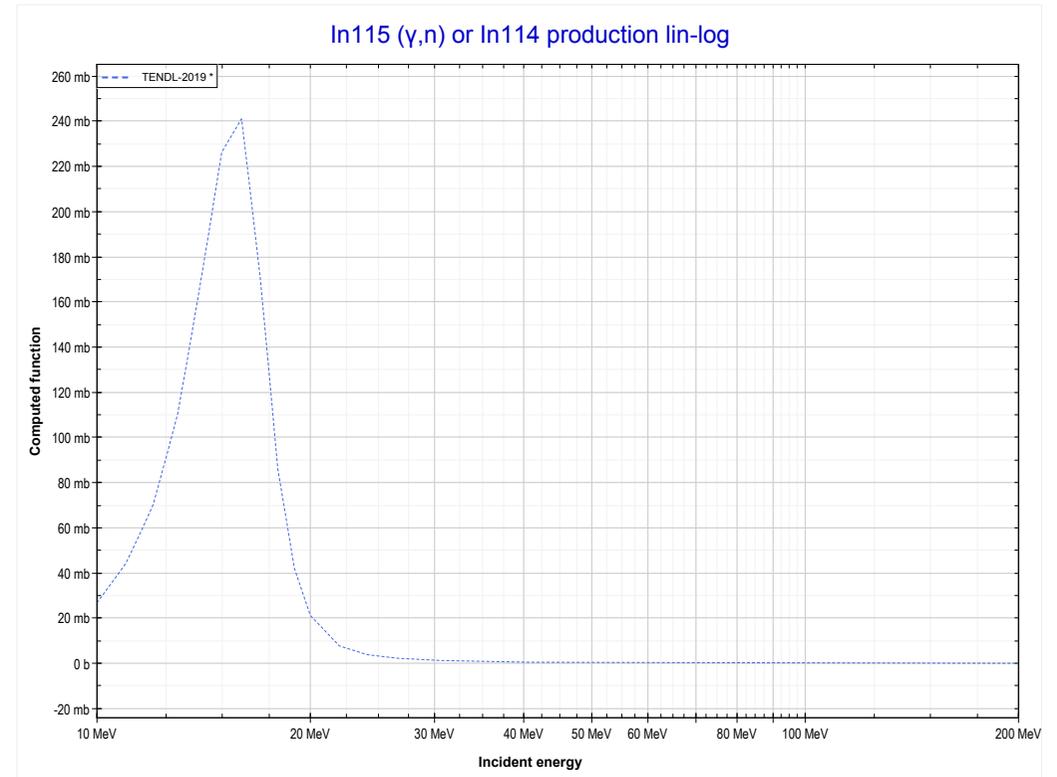
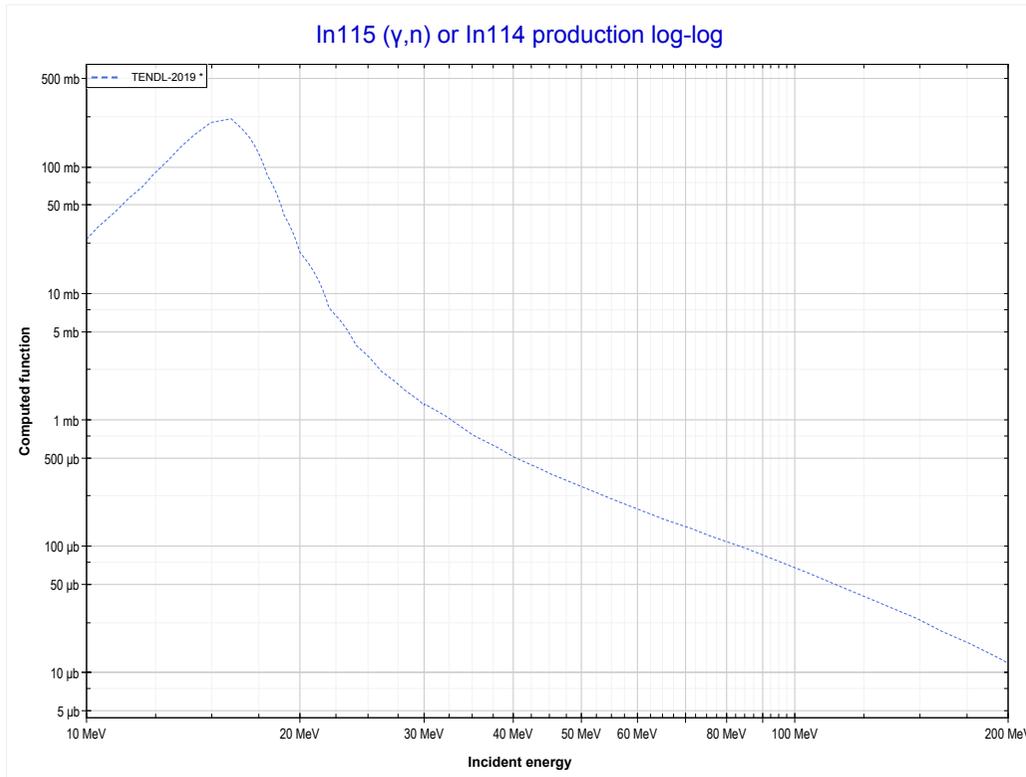
Reaction	Q-Value
Ag107($\gamma,2n$)Ag105	-17478.33 keV

<< 47-Ag-107	47-Ag-109	49-In-115 >>
<< 47-Ag-107 MT16 ($\gamma,2n$)	MT4 (γ,n) or MT5 (Ag108 production)	49-In-115 MT4 (γ,n) >>



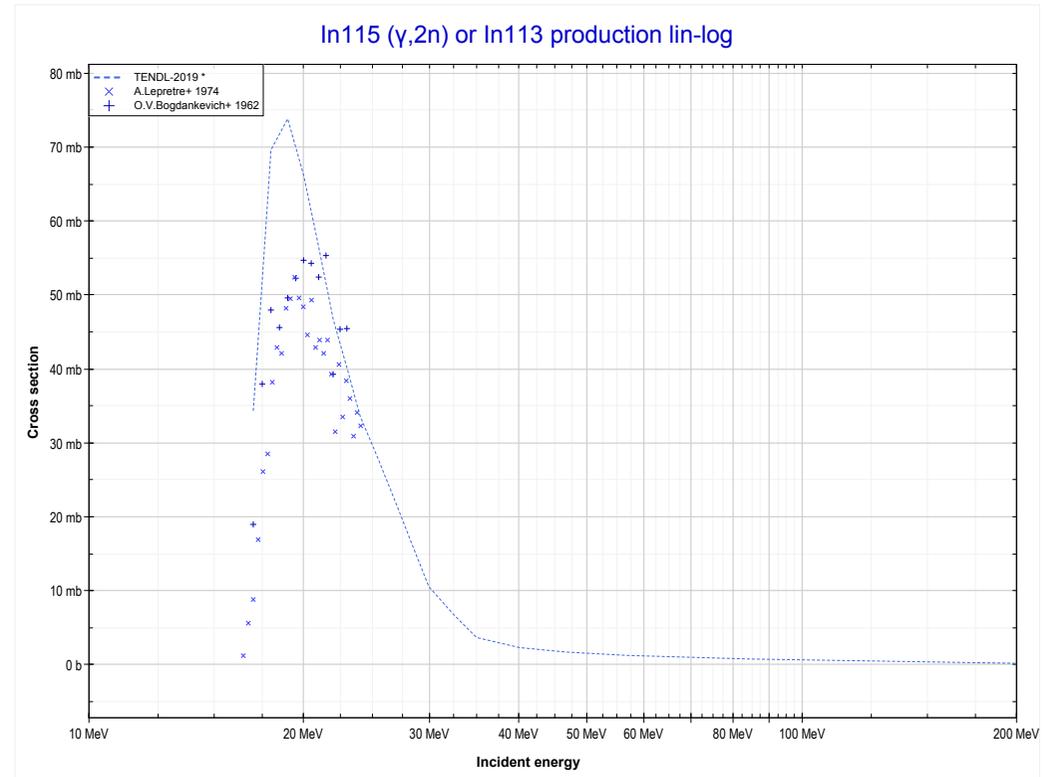
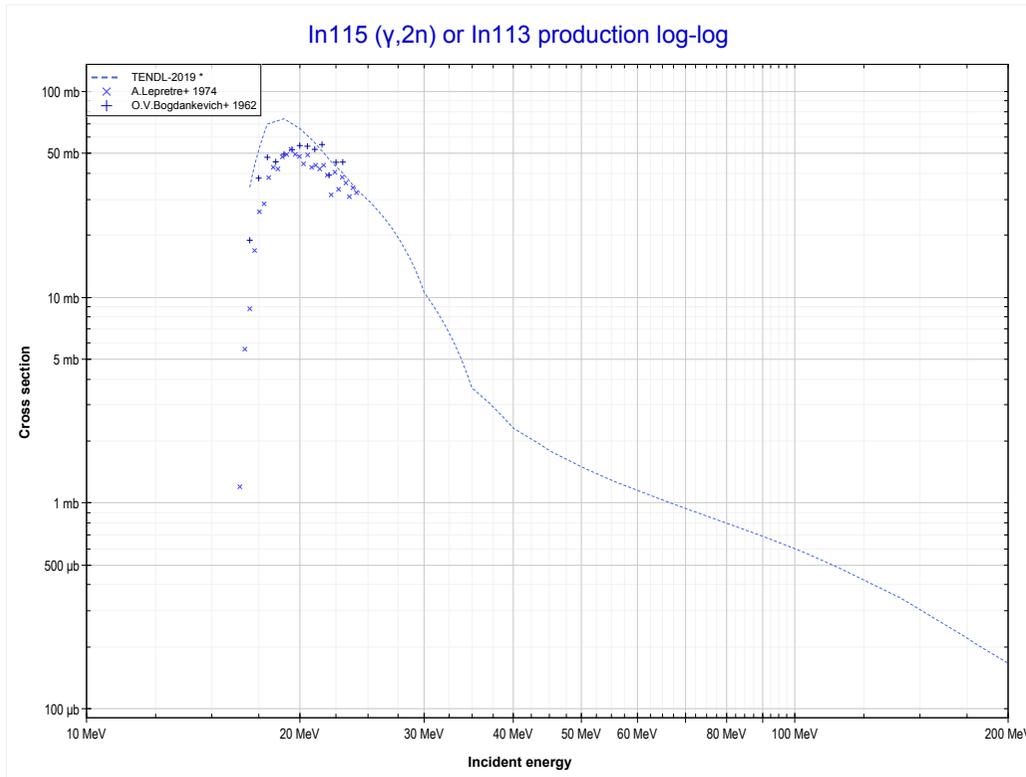
Reaction	Q-Value
Ag109(γ,n)Ag108	-9183.92 keV

<< 47-Ag-109	49-In-115	50-Sn-112 >>
<< 47-Ag-109 MT4 (γ,n)	MT4 (γ,n) or MT5 (In114 production)	MT16 (γ,2n) >>



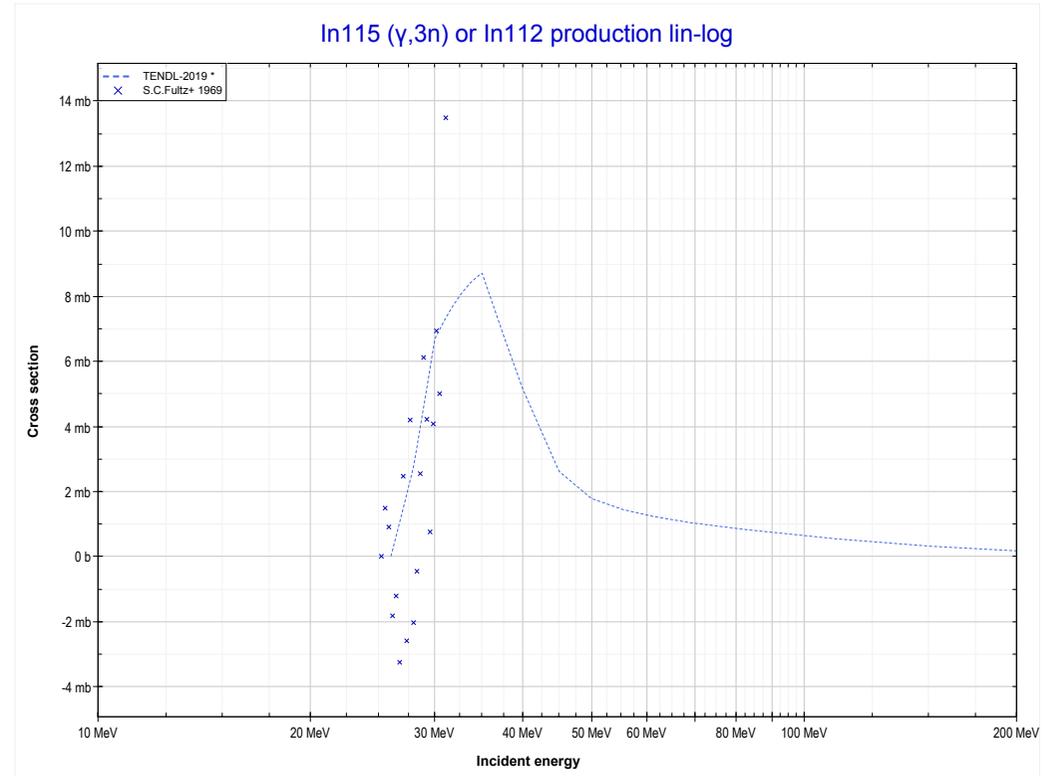
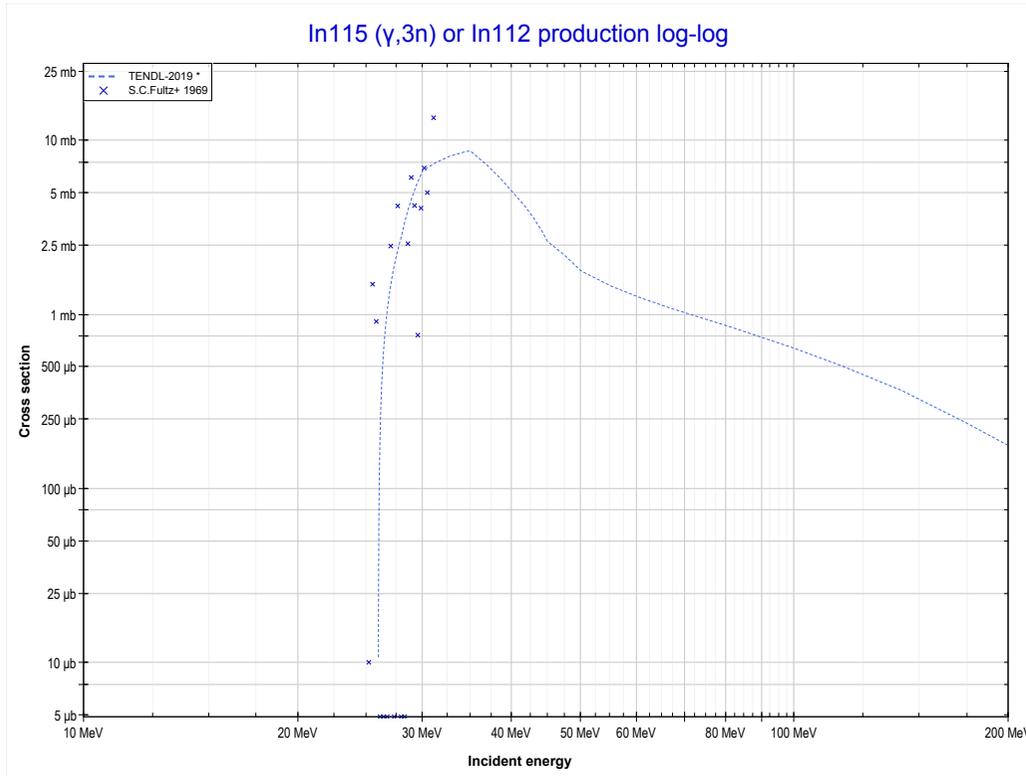
Reaction	Q-Value
In115(γ,n)In114	-9037.86 keV

<< 47-Ag-107	49-In-115	50-Sn-112 >>
<< MT4 (γ, n)	MT16 ($\gamma, 2n$) or MT5 (In113 production)	MT17 ($\gamma, 3n$) >>



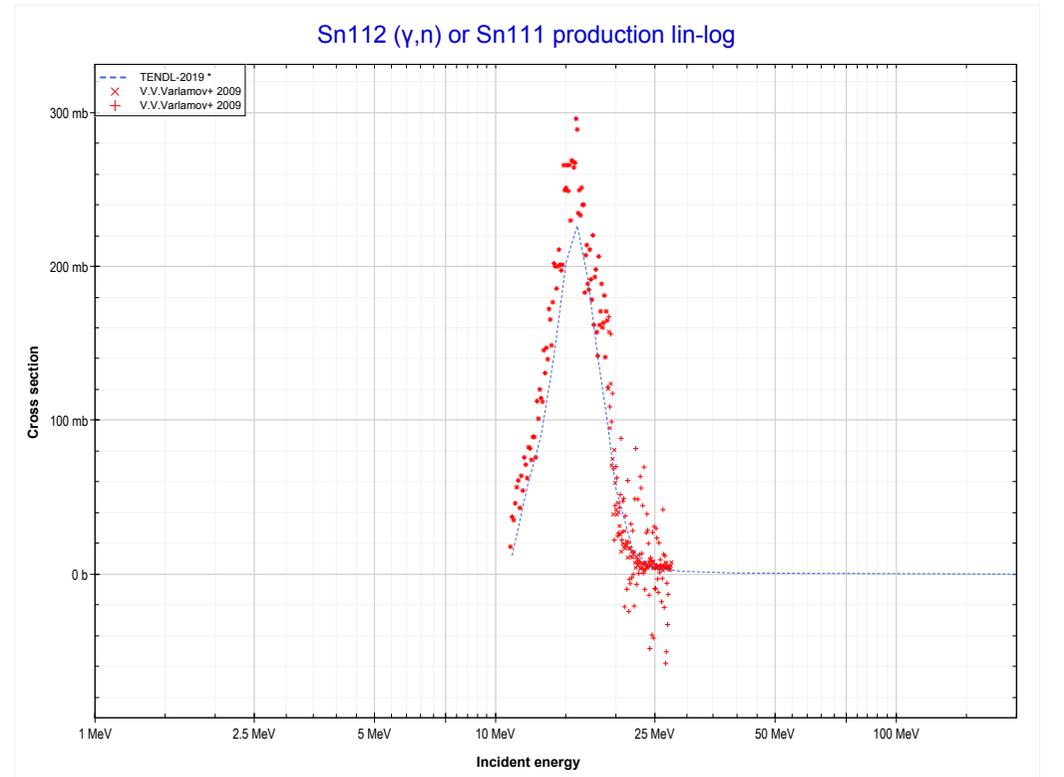
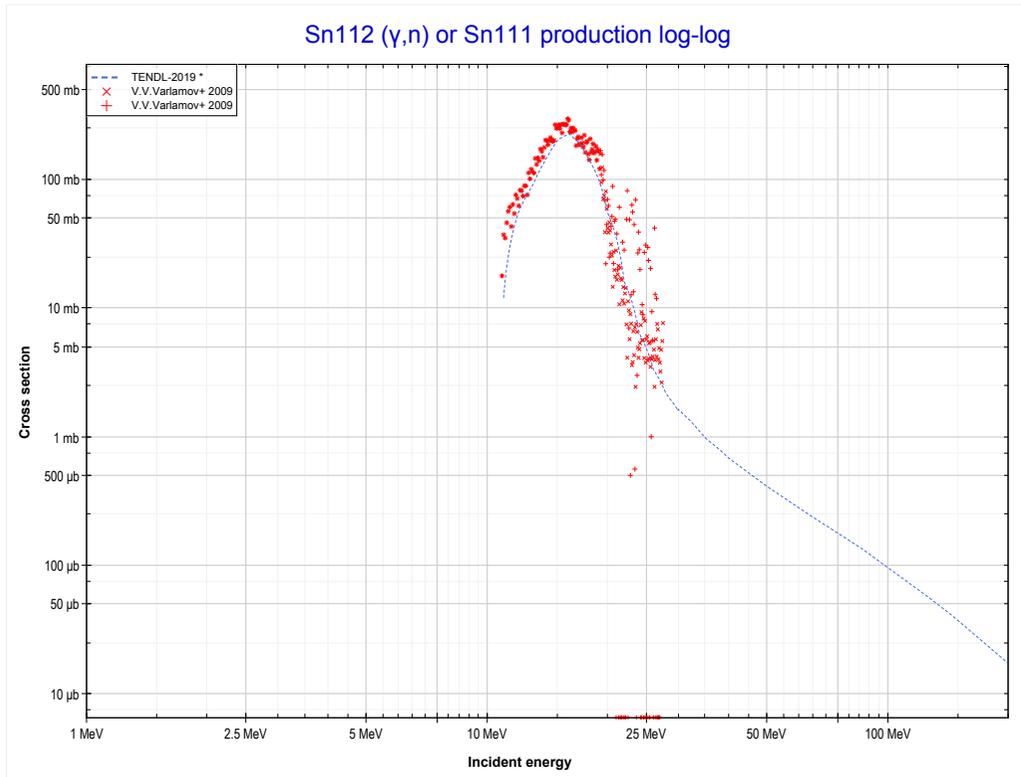
Reaction	Q-Value
In115($\gamma, 2n$)In113	-16311.86 keV

<< 42-Mo-100	49-In-115	50-Sn-117 >>
<< MT16 ($\gamma,2n$)	MT17 ($\gamma,3n$) or MT5 (In112 production)	50-Sn-112 MT4 (γ,n) >>



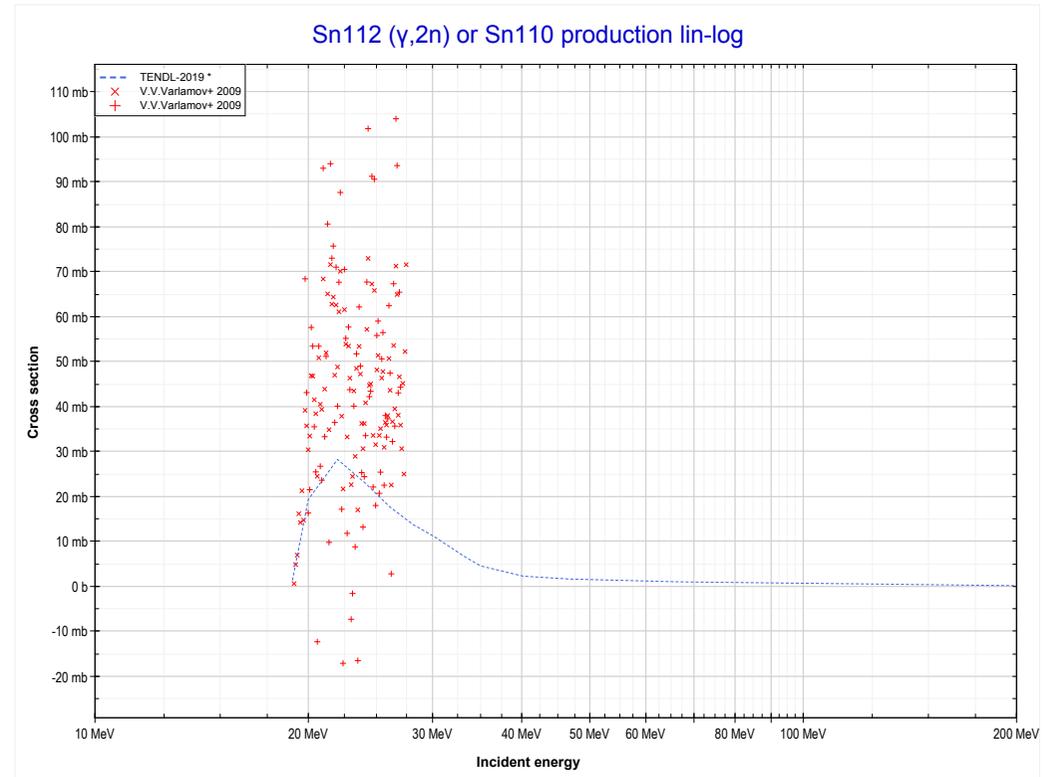
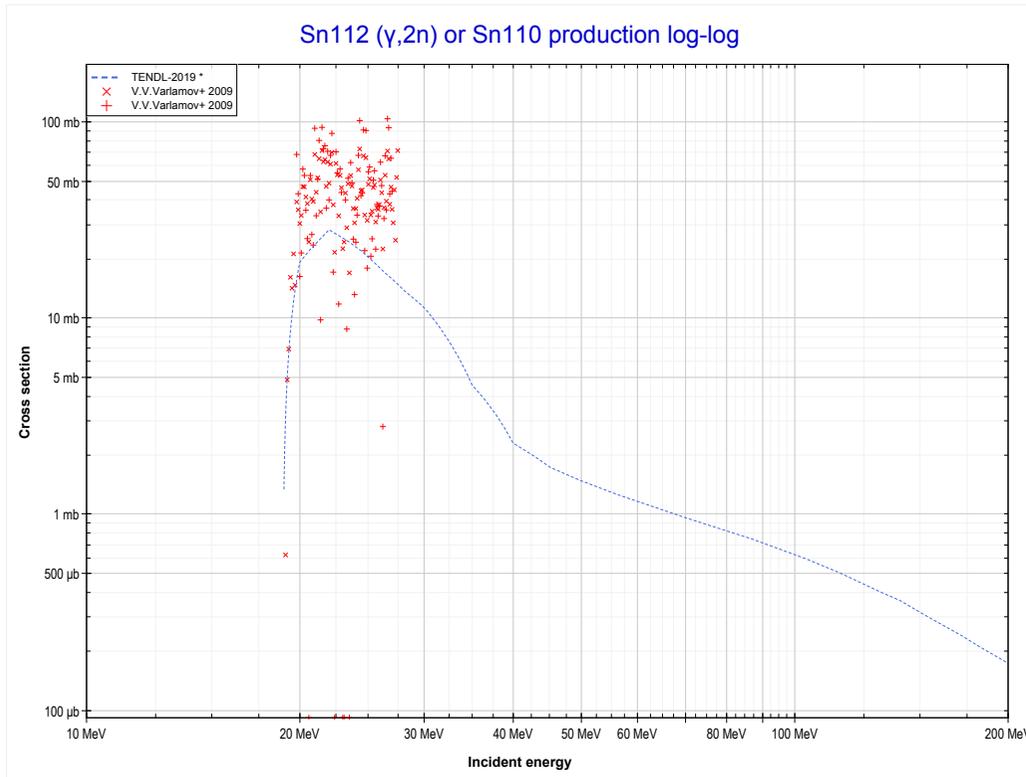
Reaction	Q-Value
In115($\gamma,3n$)In112	-25760.30 keV

<< 49-In-115	50-Sn-112	50-Sn-114 >>
<< 49-In-115 MT17 (γ,3n)	MT4 (γ,n) or MT5 (Sn111 production)	MT16 (γ,2n) >>



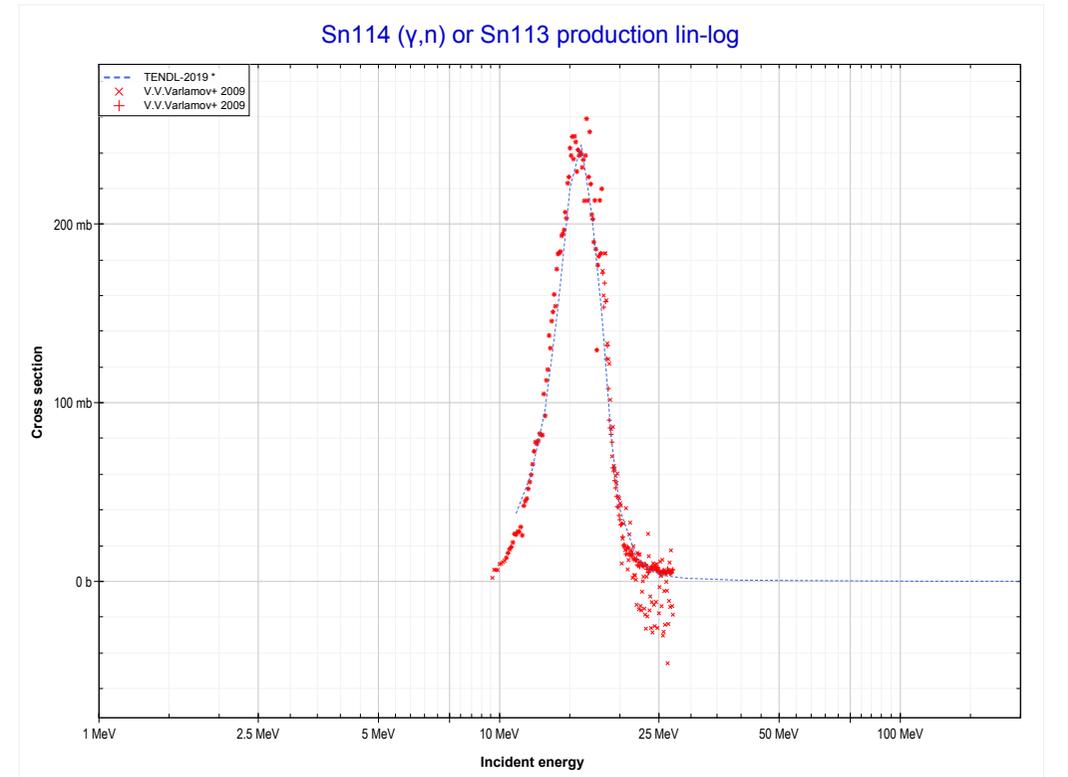
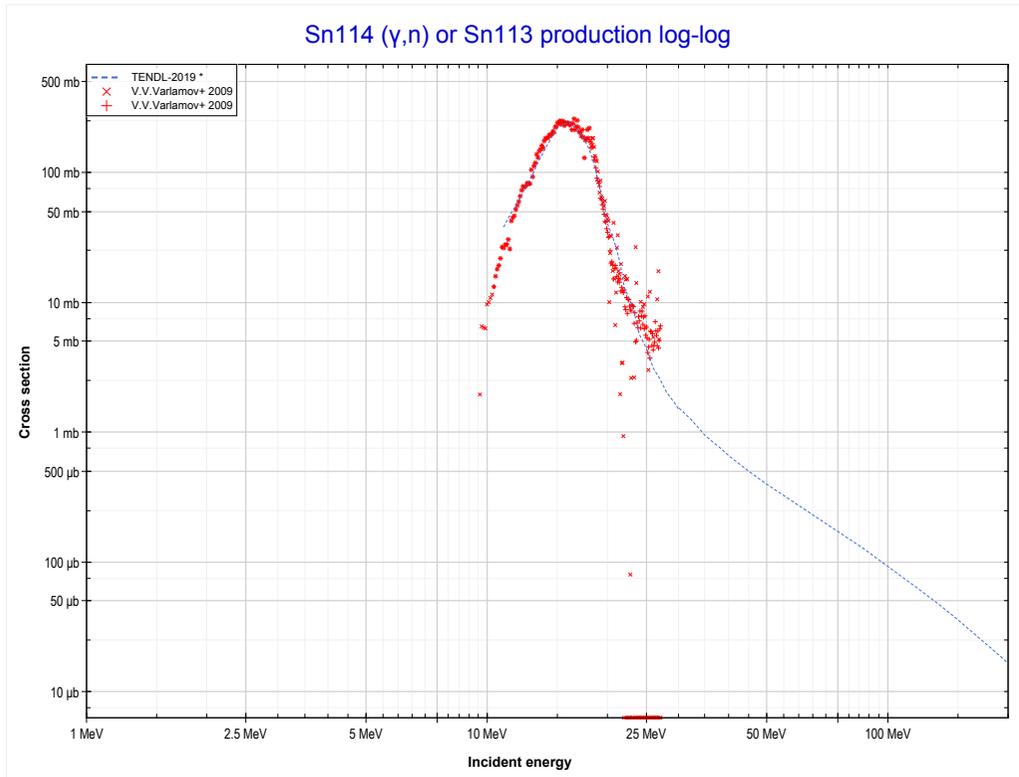
Reaction	Q-Value
Sn112(γ,n)Sn111	-10787.38 keV

<< 49-In-115	50-Sn-112	50-Sn-114 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Sn110 production)	50-Sn-114 MT4 (γ,n) >>



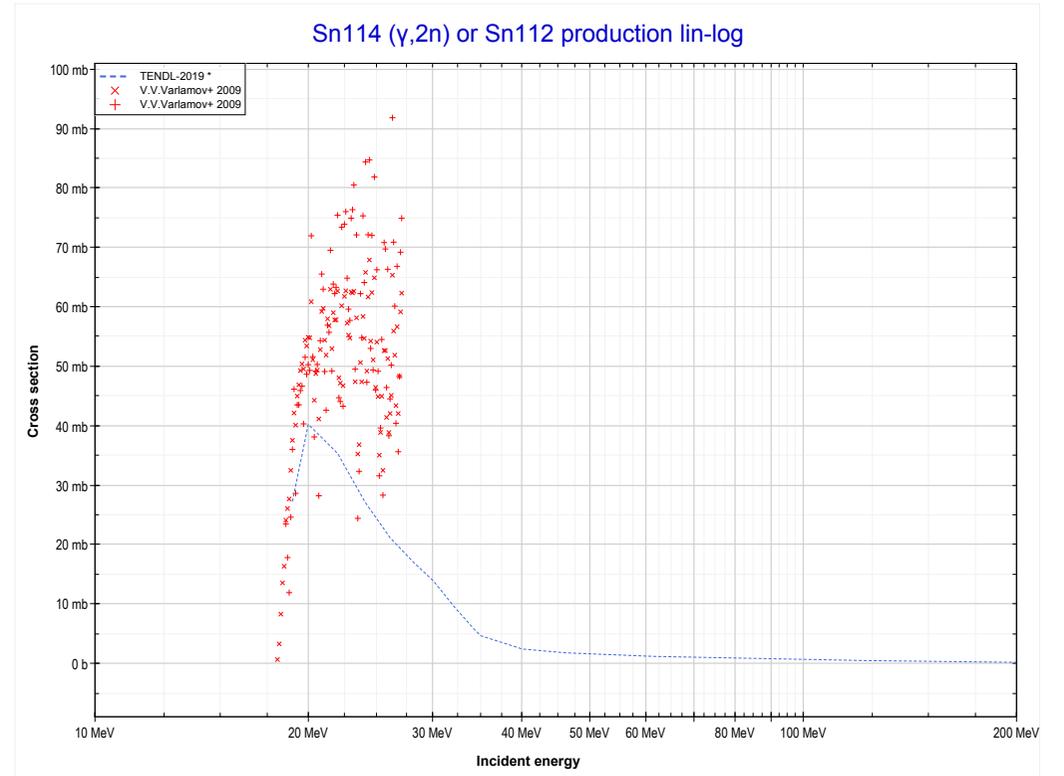
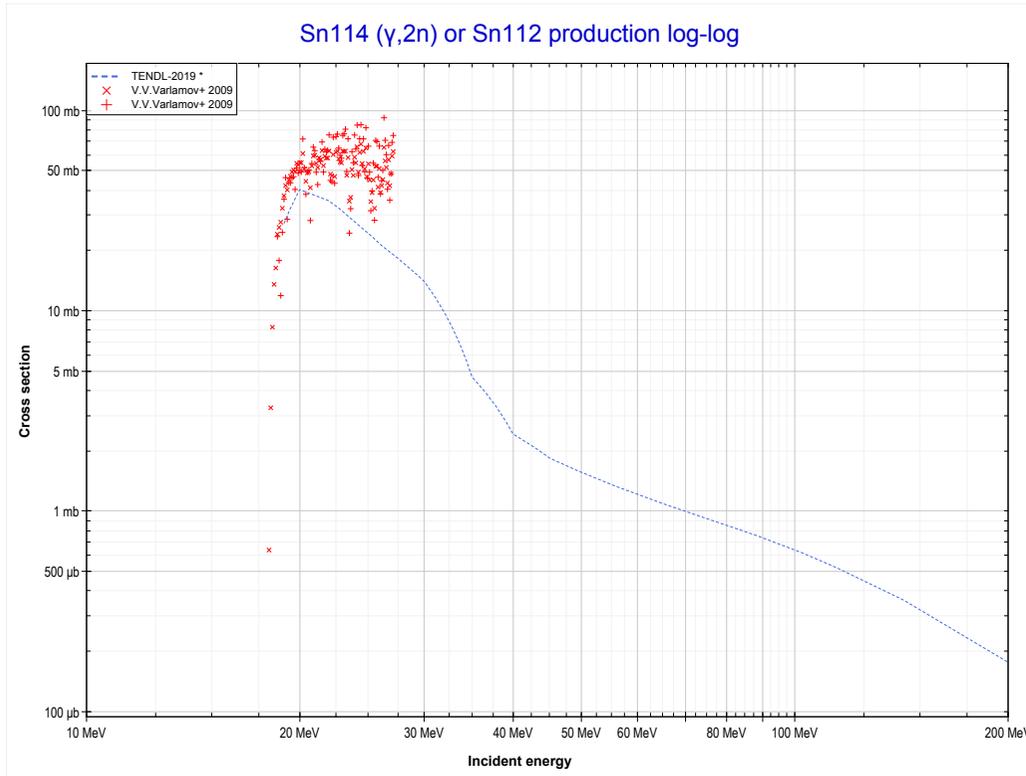
Reaction	Q-Value
Sn112($\gamma,2n$)Sn110	-18955.69 keV

<< 50-Sn-112	50-Sn-114	50-Sn-116 >>
<< 50-Sn-112 MT16 ($\gamma,2n$)	MT4 (γ,n) or MT5 (Sn113 production)	MT16 ($\gamma,2n$) >>



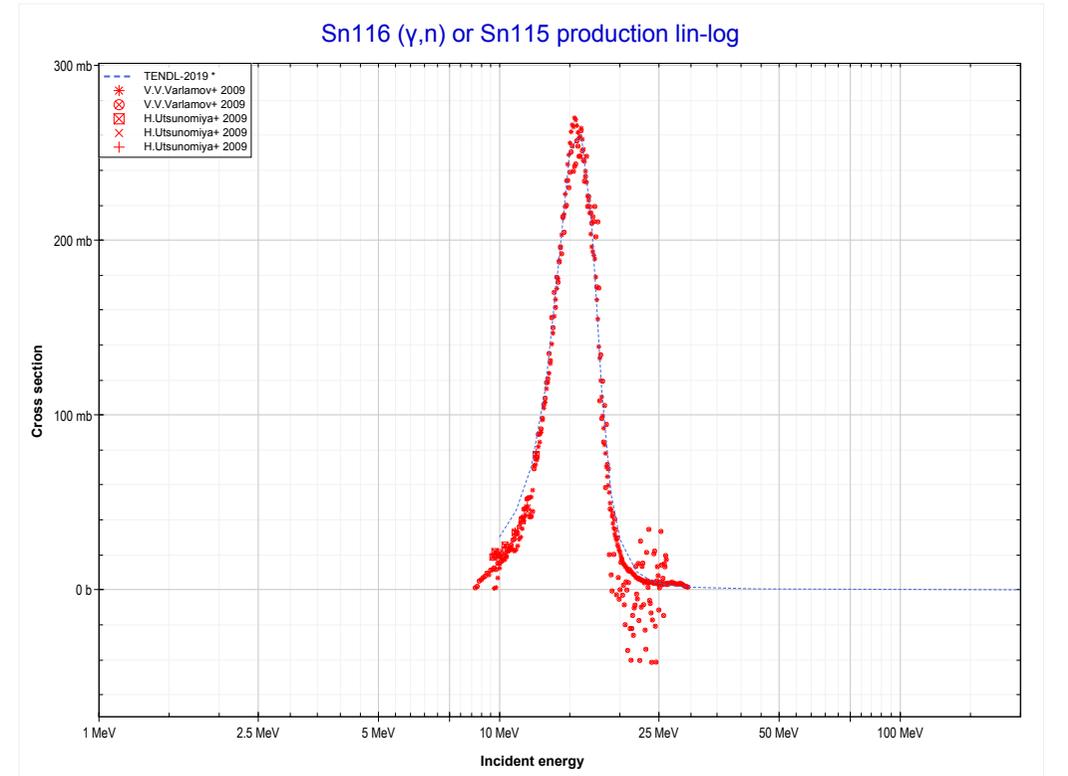
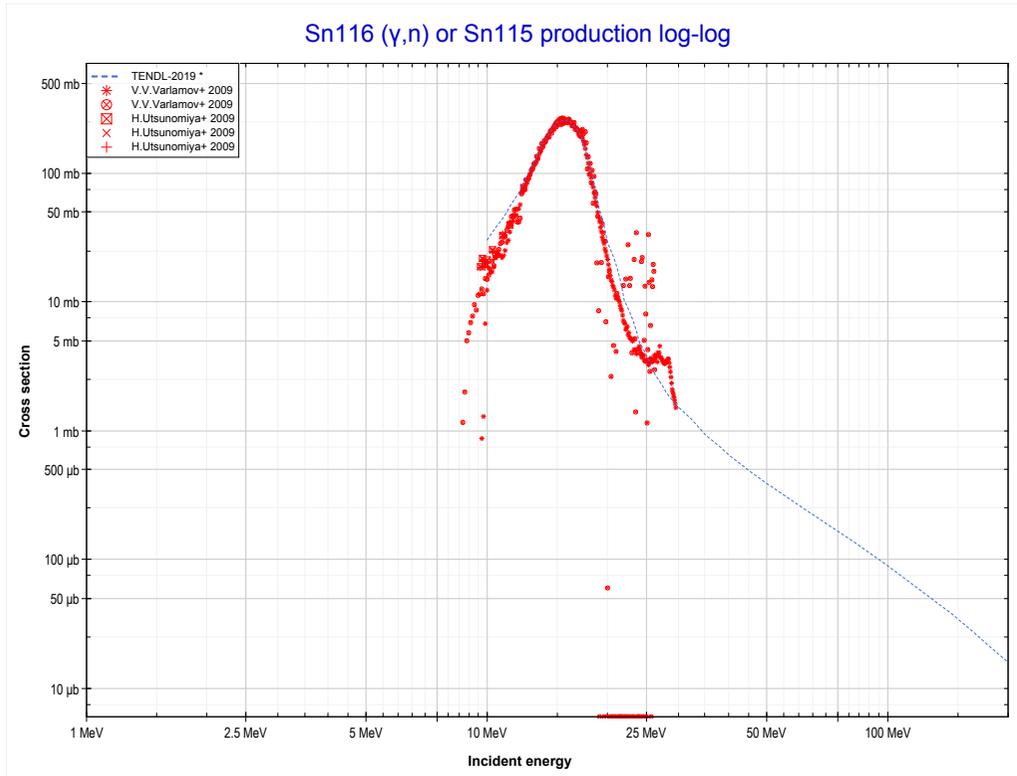
Reaction	Q-Value
Sn114(γ,n)Sn113	-10302.94 keV

<< 50-Sn-112	50-Sn-114	50-Sn-116 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Sn112 production)	50-Sn-116 MT4 (γ,n) >>



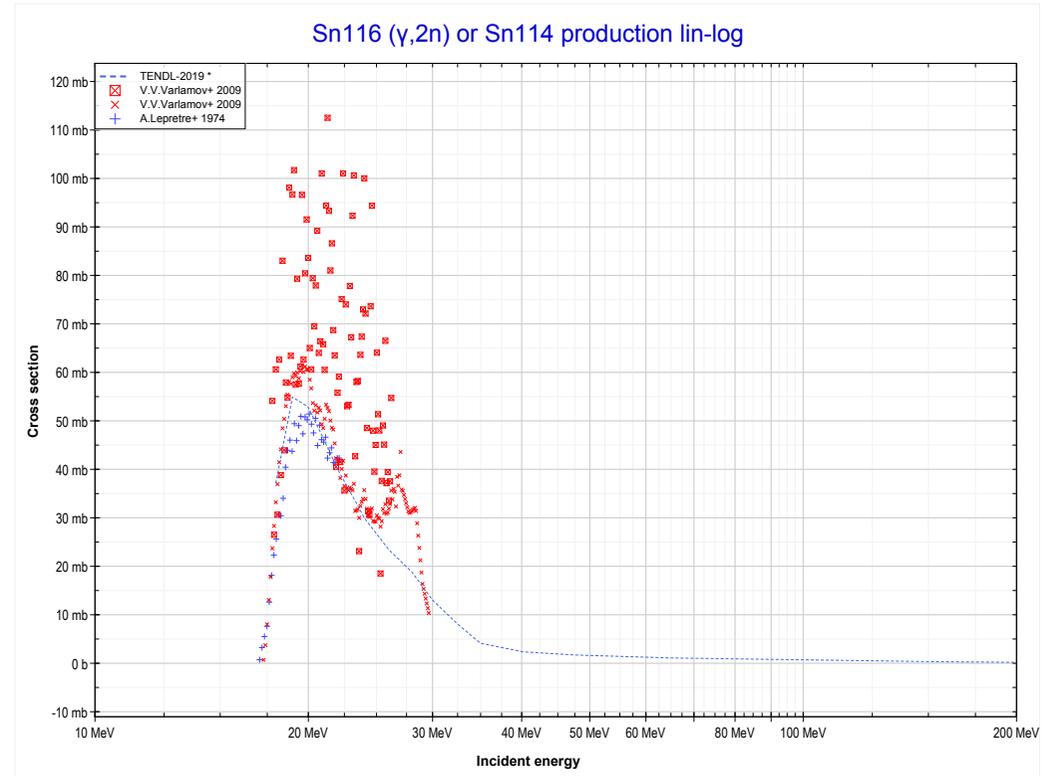
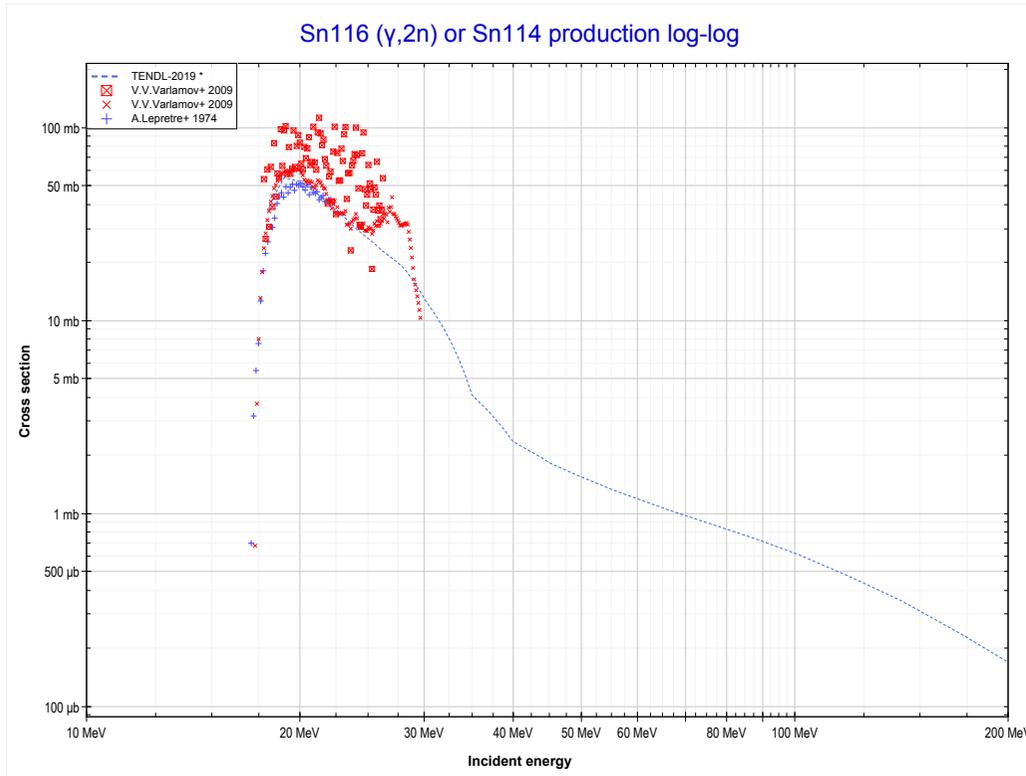
Reaction	Q-Value
Sn114($\gamma,2n$)Sn112	-18047.30 keV

<< 50-Sn-114	50-Sn-116	50-Sn-117 >>
<< 50-Sn-114 MT16 (γ,2n)	MT4 (γ,n) or MT5 (Sn115 production)	MT16 (γ,2n) >>



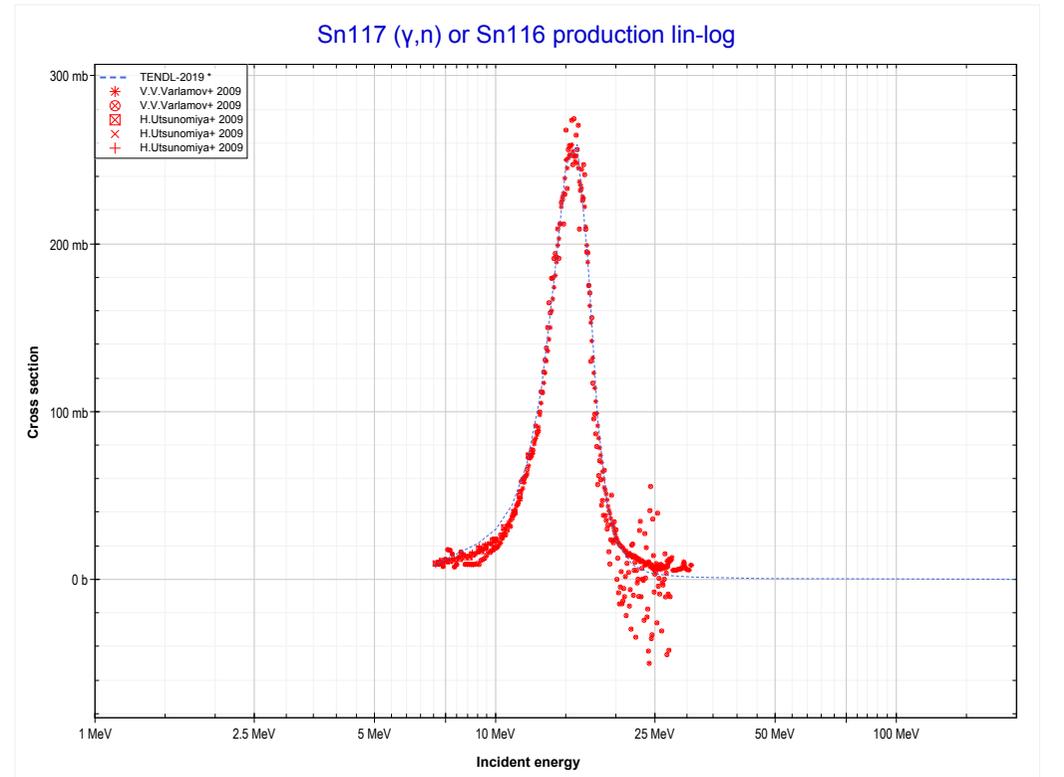
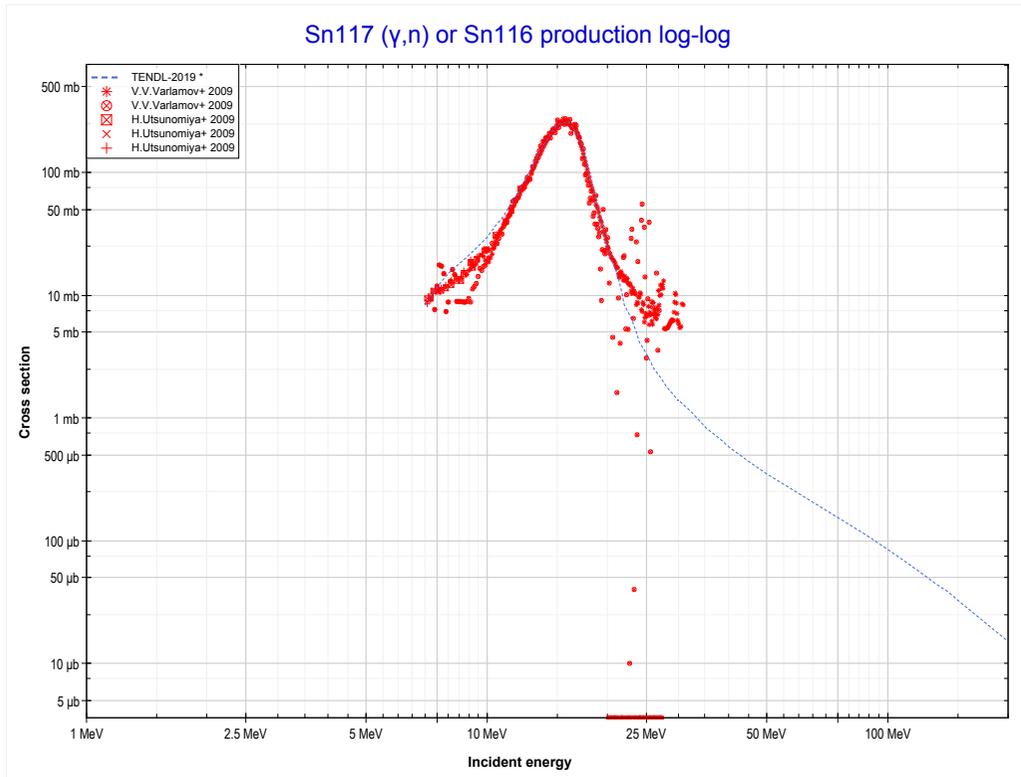
Reaction	Q-Value
Sn116(γ,n)Sn115	-9563.45 keV

<< 50-Sn-114	50-Sn-116	50-Sn-117 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Sn114 production)	50-Sn-117 MT4 (γ,n) >>



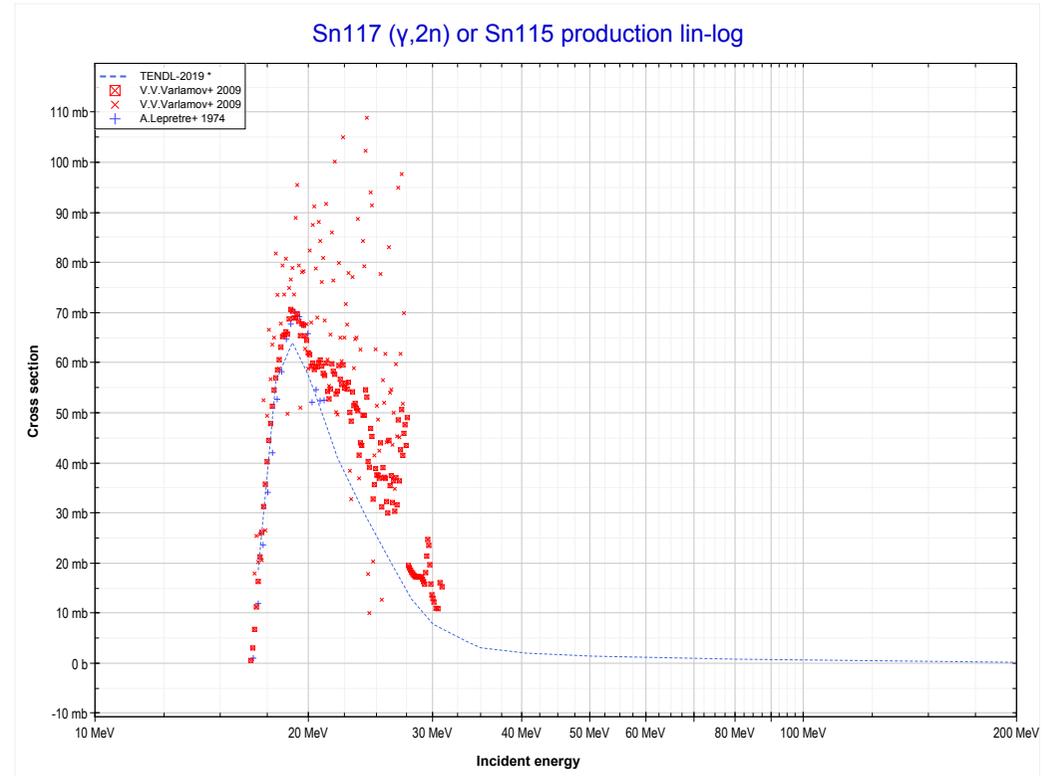
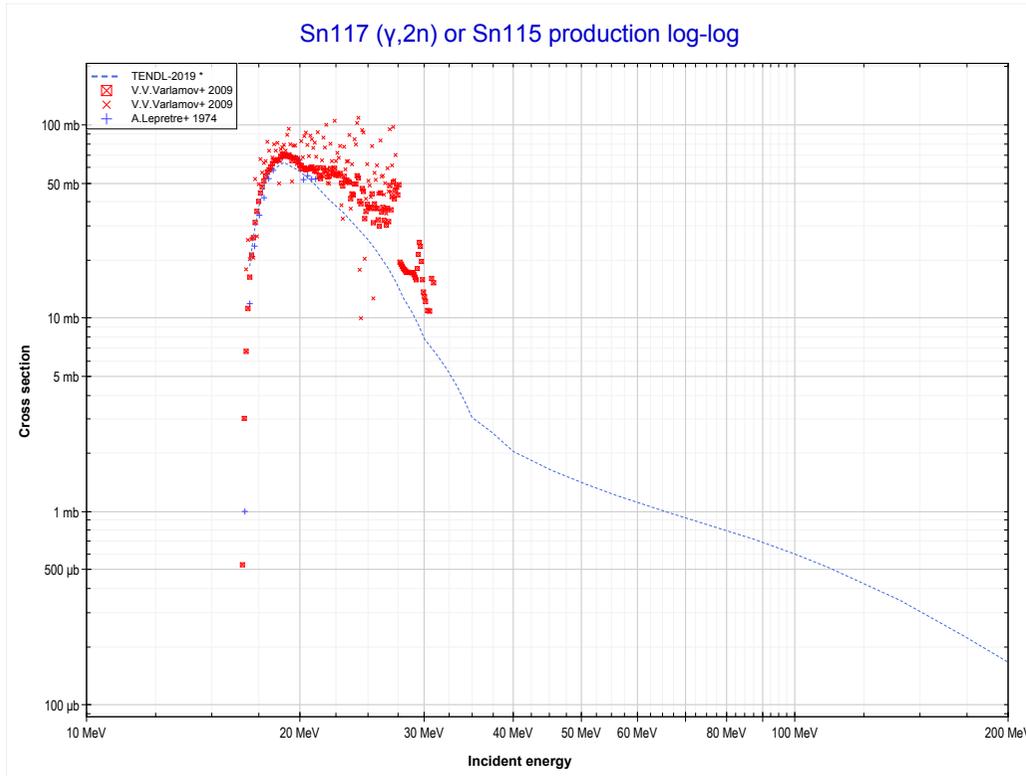
Reaction	Q-Value
Sn116($\gamma,2n$)Sn114	-17108.88 keV

<< 50-Sn-116	50-Sn-117	50-Sn-118 >>
<< 50-Sn-116 MT16 (γ,2n)	MT4 (γ,n) or MT5 (Sn116 production)	MT16 (γ,2n) >>



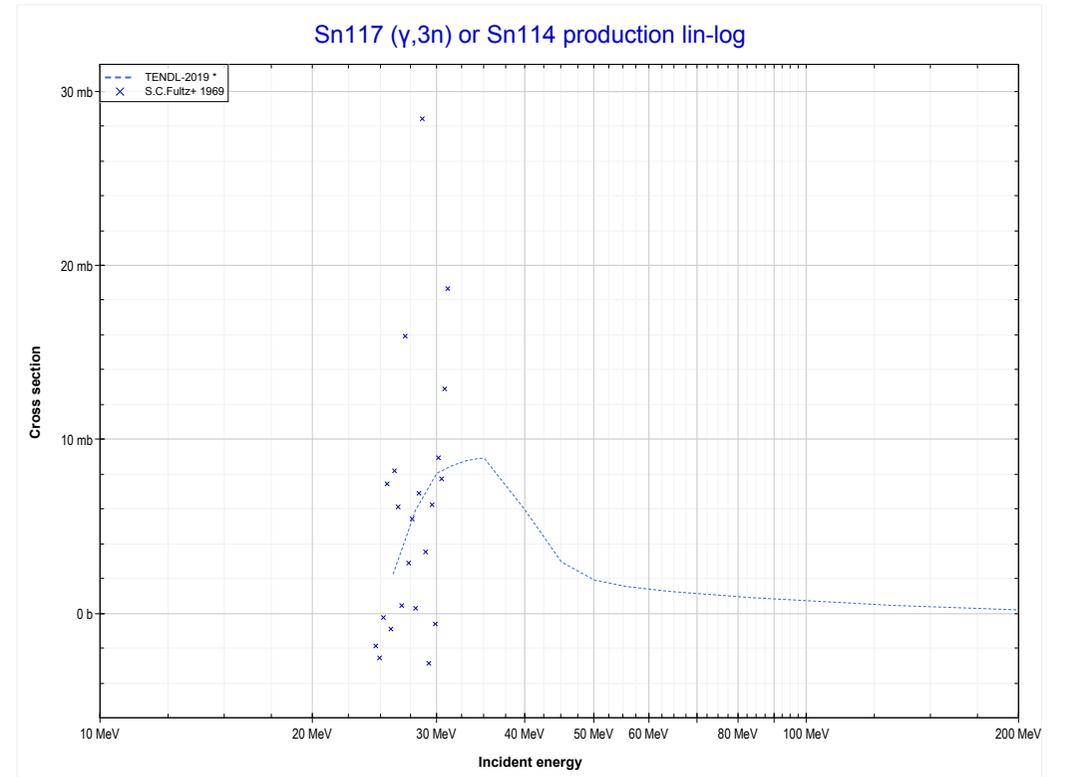
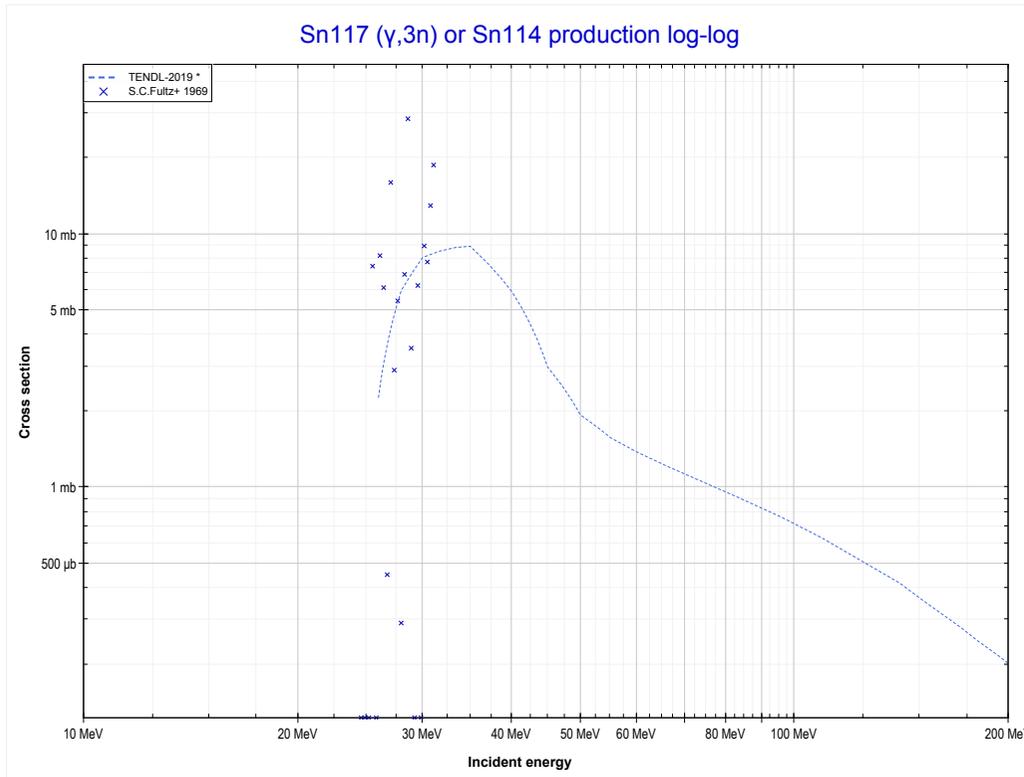
Reaction	Q-Value
Sn117(γ,n)Sn116	-6943.15 keV

<< 50-Sn-116	50-Sn-117	50-Sn-118 >>
<< MT4 (γ, n)	MT16 ($\gamma, 2n$) or MT5 (Sn115 production)	MT17 ($\gamma, 3n$) >>



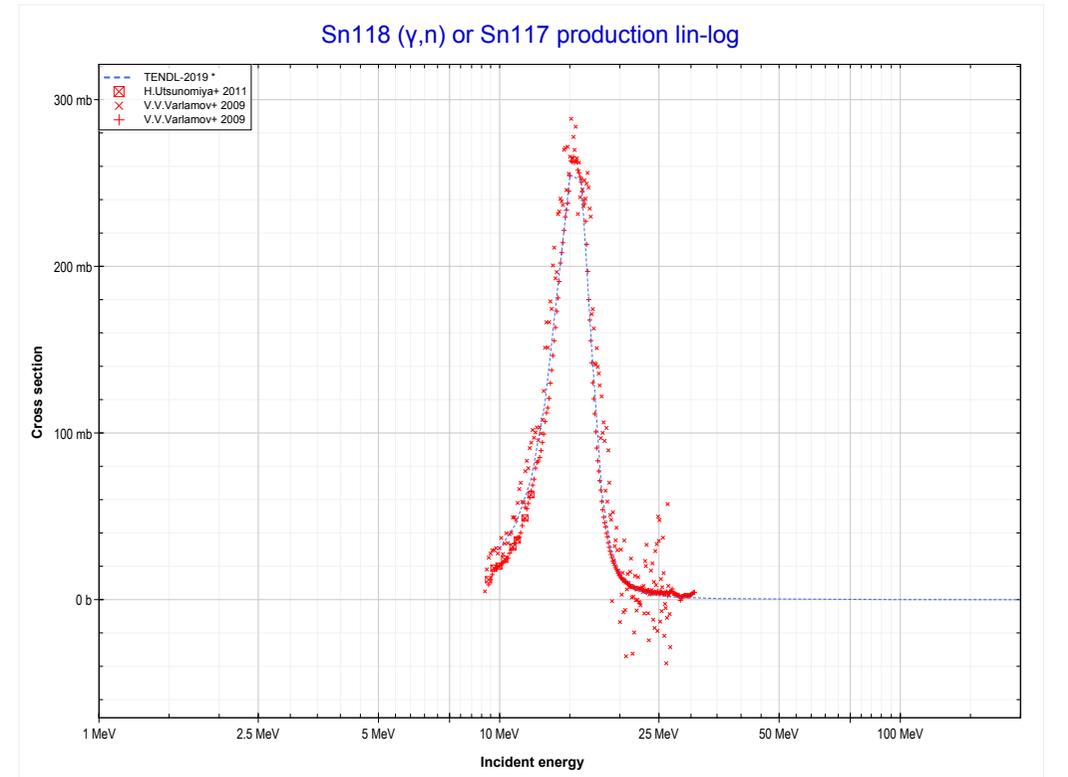
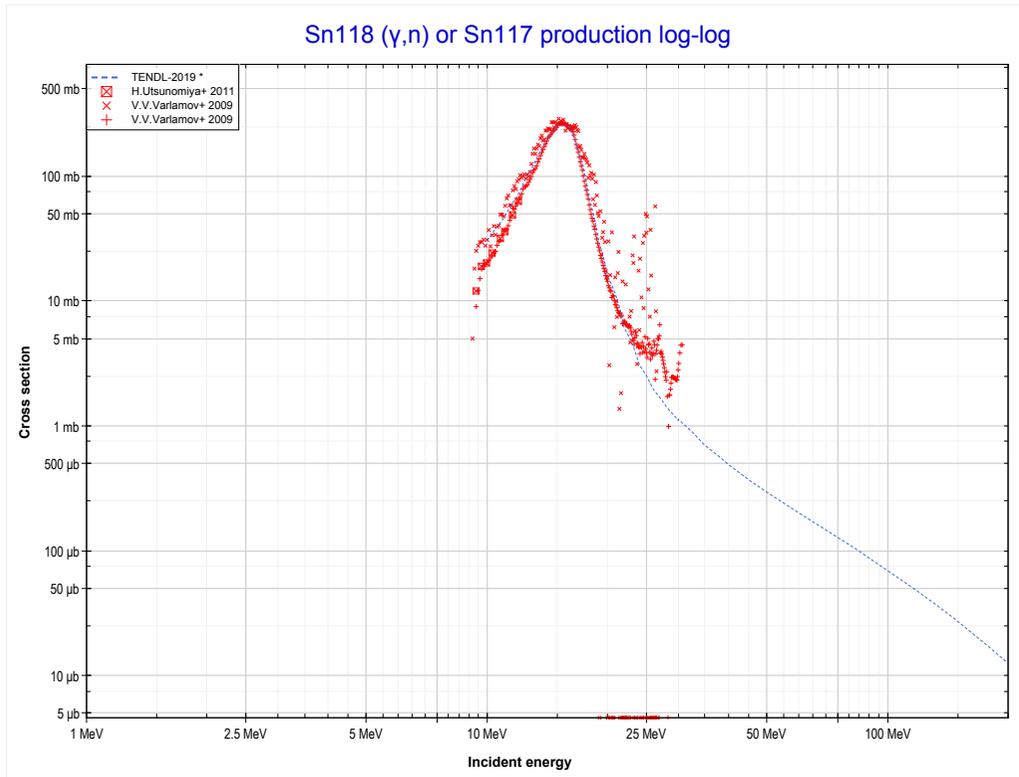
Reaction	Q-Value
Sn117($\gamma, 2n$)Sn115	-16506.60 keV

<< 49-In-115	50-Sn-117	50-Sn-118 >>
<< MT16 ($\gamma,2n$)	MT17 ($\gamma,3n$) or MT5 (Sn114 production)	50-Sn-118 MT4 (γ,n) >>



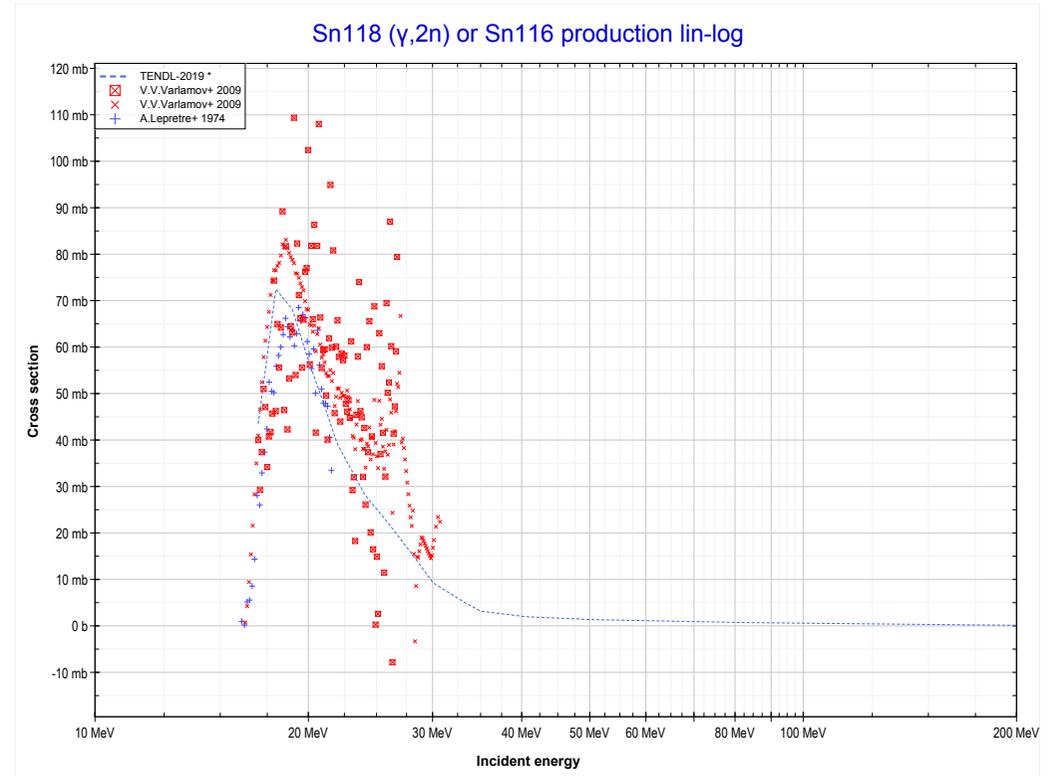
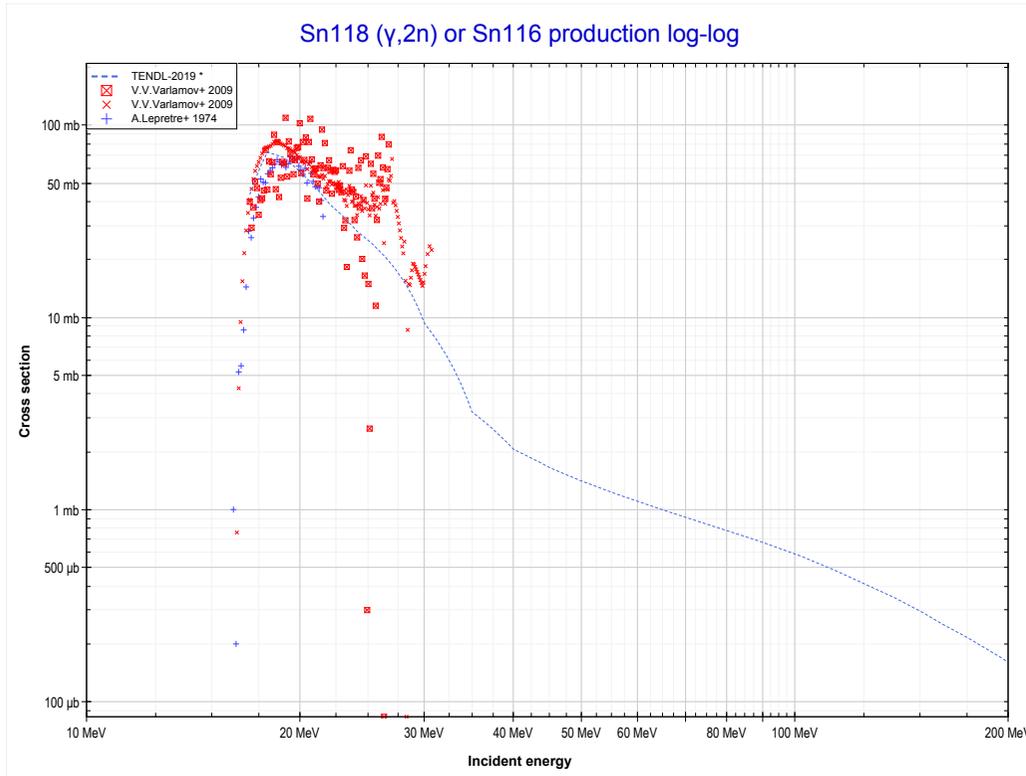
Reaction	Q-Value
Sn117($\gamma,3n$)Sn114	-24052.03 keV

<< 50-Sn-117	50-Sn-118	50-Sn-119 >>
<< 50-Sn-117 MT17 ($\gamma,3n$)	MT4 (γ,n) or MT5 (Sn117 production)	MT16 ($\gamma,2n$) >>



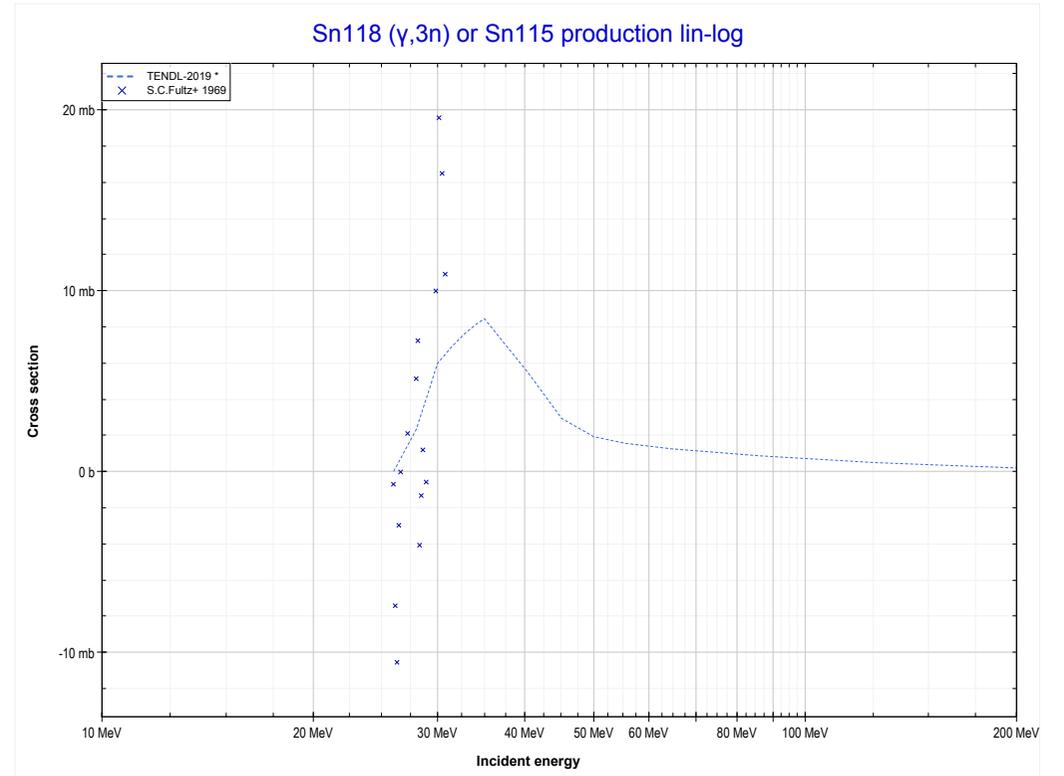
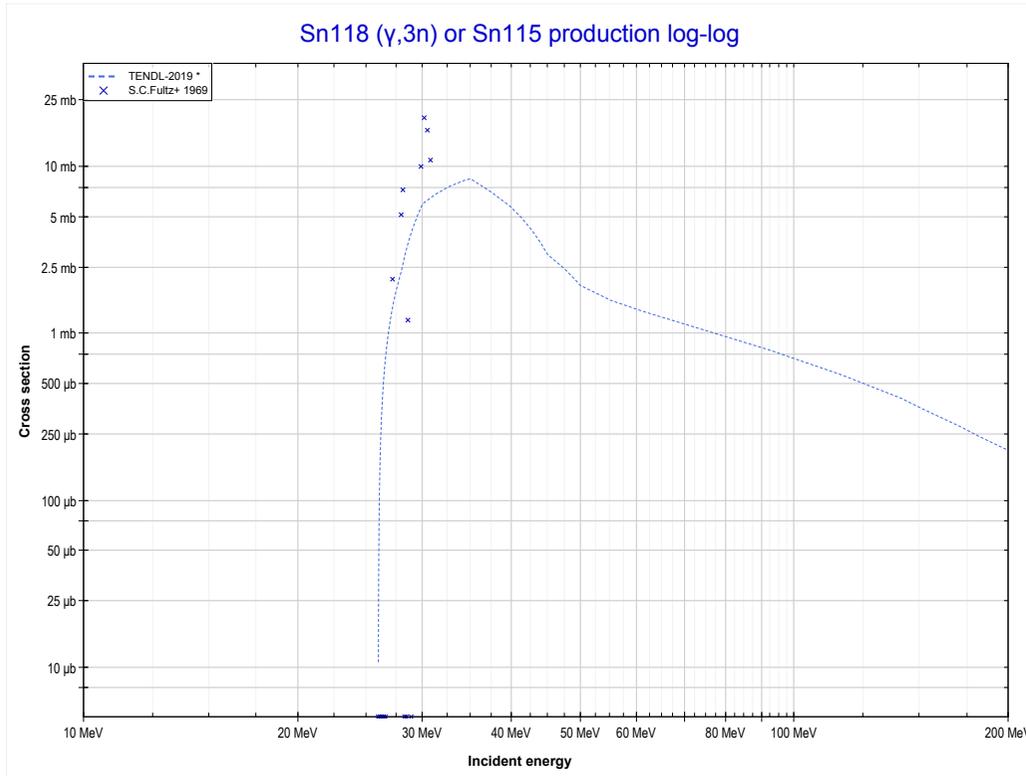
Reaction	Q-Value
Sn118(γ,n)Sn117	-9326.42 keV

<< 50-Sn-117	50-Sn-118	50-Sn-119 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Sn116 production)	MT17 ($\gamma,3n$) >>



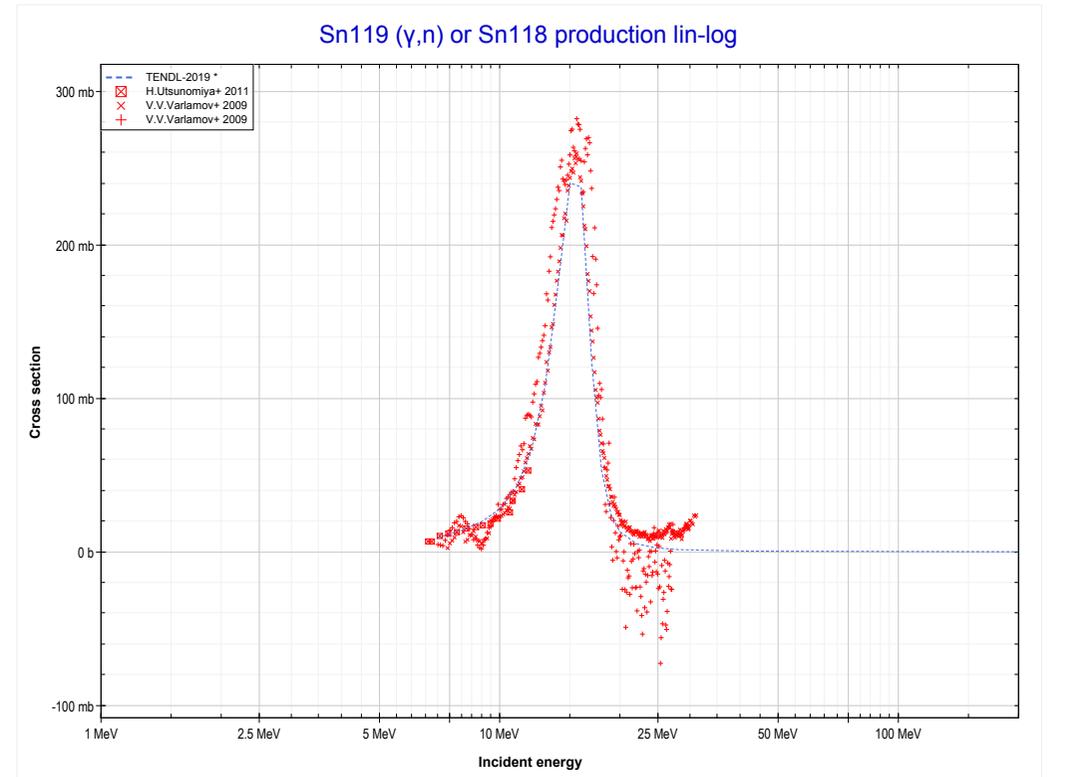
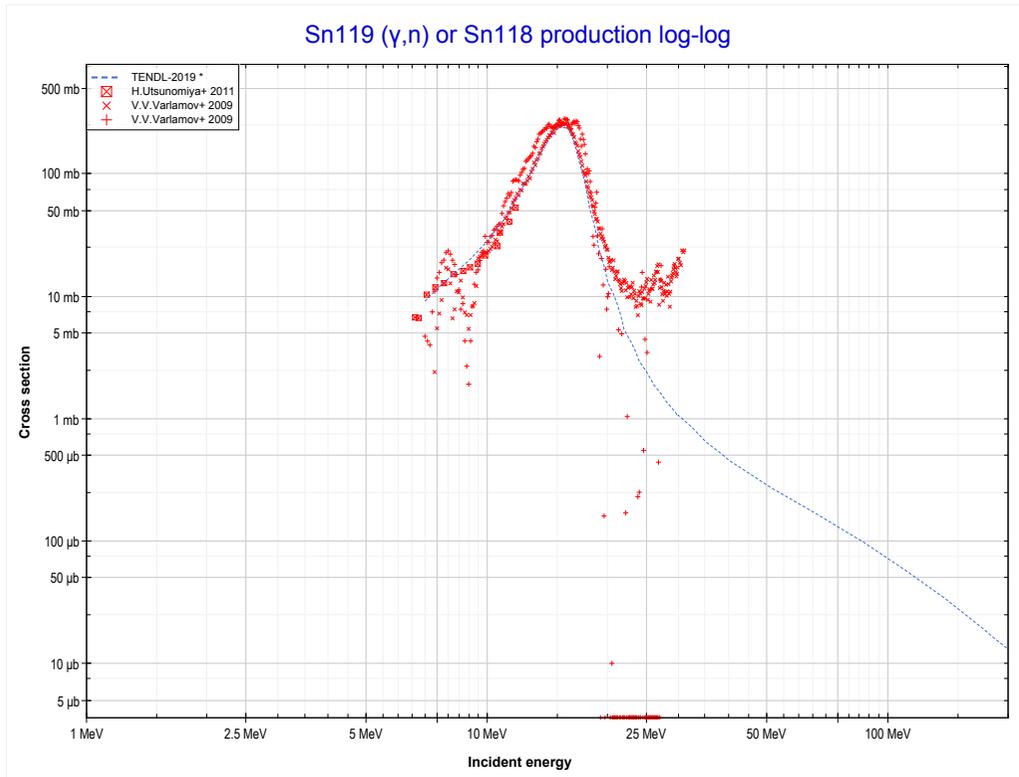
Reaction	Q-Value
Sn118($\gamma,2n$)Sn116	-16269.56 keV

<< 50-Sn-117	50-Sn-118	50-Sn-119 >>
<< MT16 ($\gamma,2n$)	MT17 ($\gamma,3n$) or MT5 (Sn115 production)	50-Sn-119 MT4 (γ,n) >>



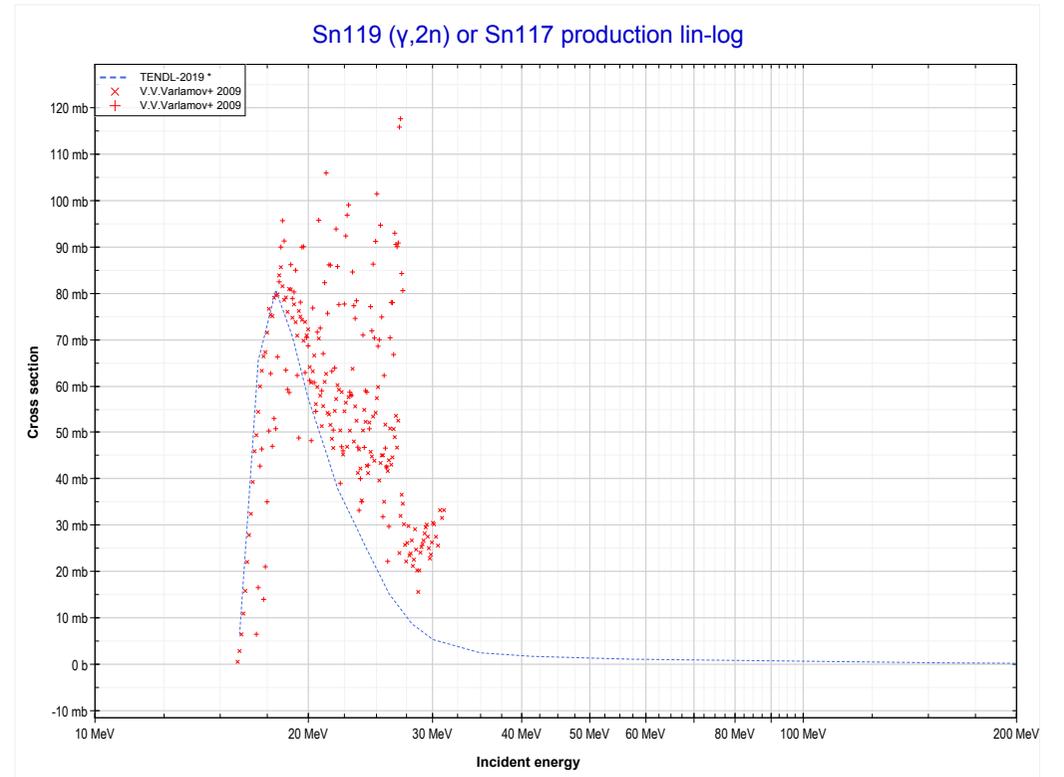
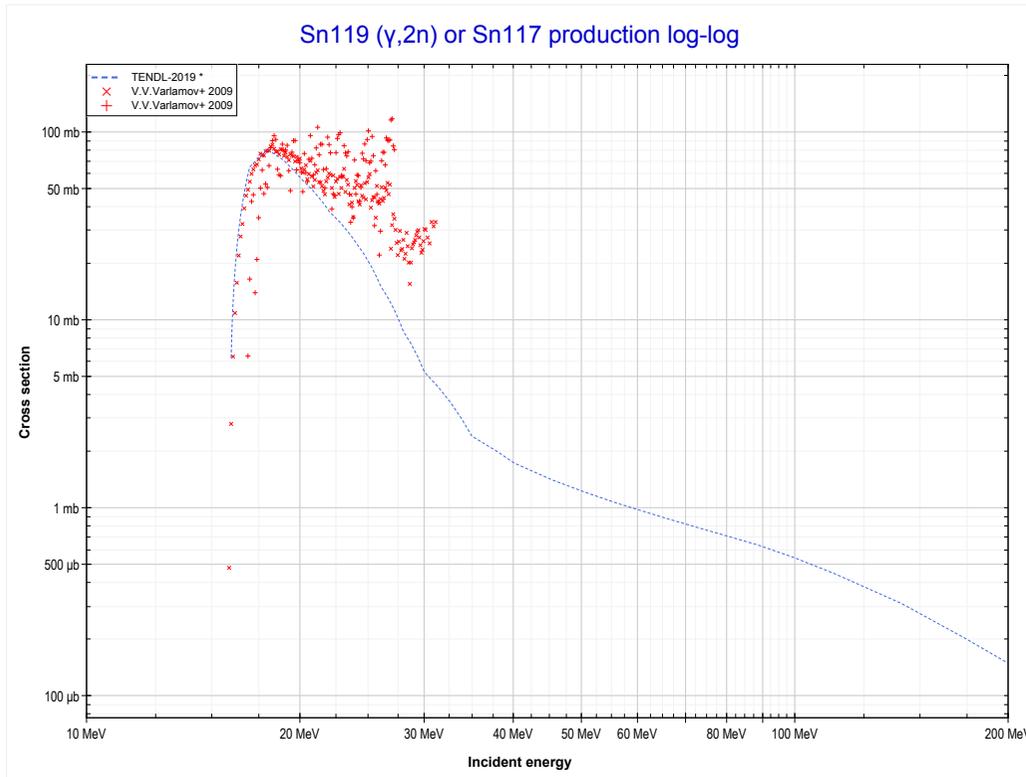
Reaction	Q-Value
Sn118($\gamma,3n$)Sn115	-25833.02 keV

<< 50-Sn-118	50-Sn-119	50-Sn-120 >>
<< 50-Sn-118 MT17 (γ,3n)	MT4 (γ,n) or MT5 (Sn118 production)	MT16 (γ,2n) >>



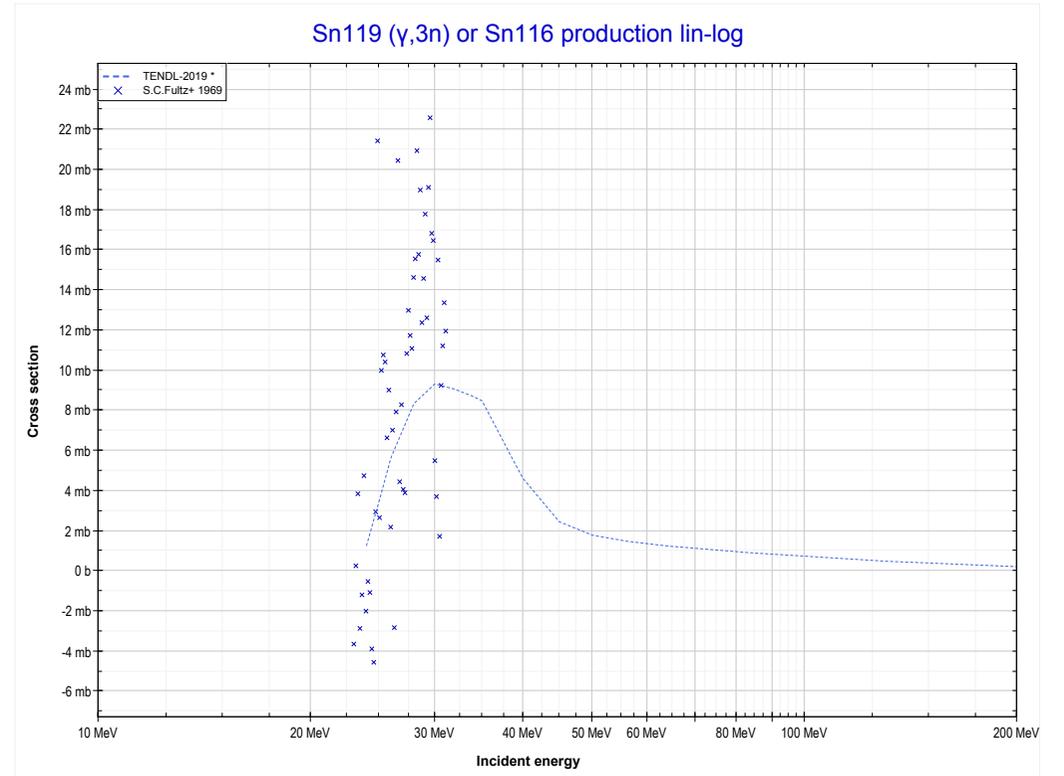
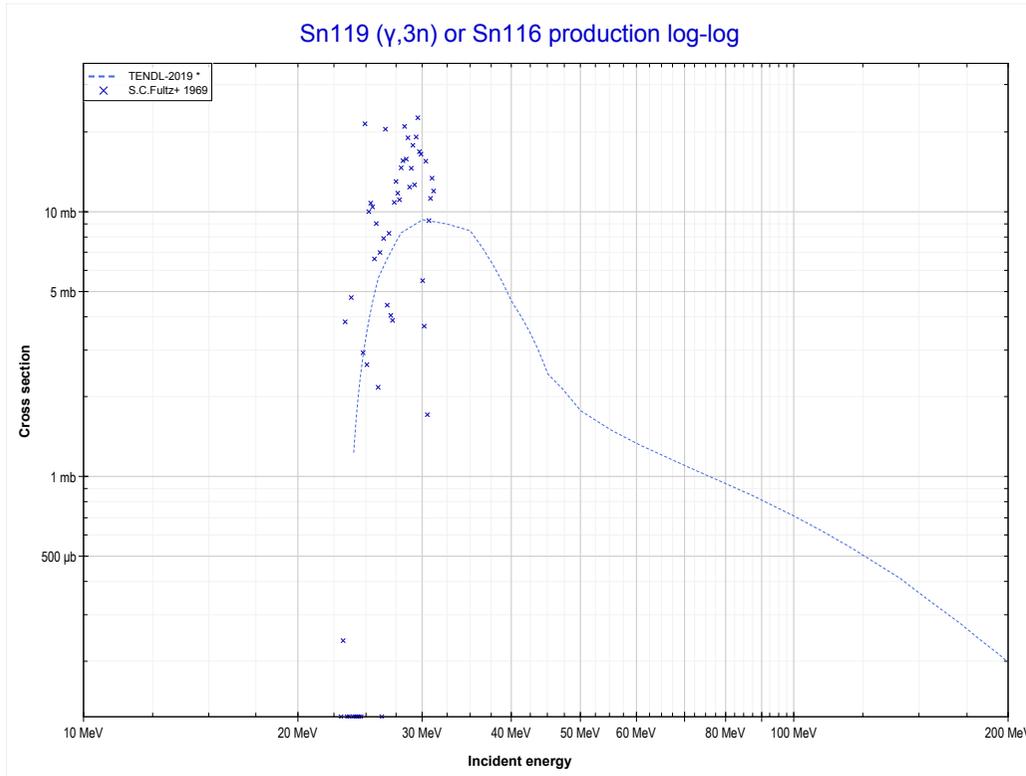
Reaction	Q-Value
Sn119(γ,n)Sn118	-6483.42 keV

<< 50-Sn-118	50-Sn-119	50-Sn-120 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Sn117 production)	MT17 ($\gamma,3n$) >>



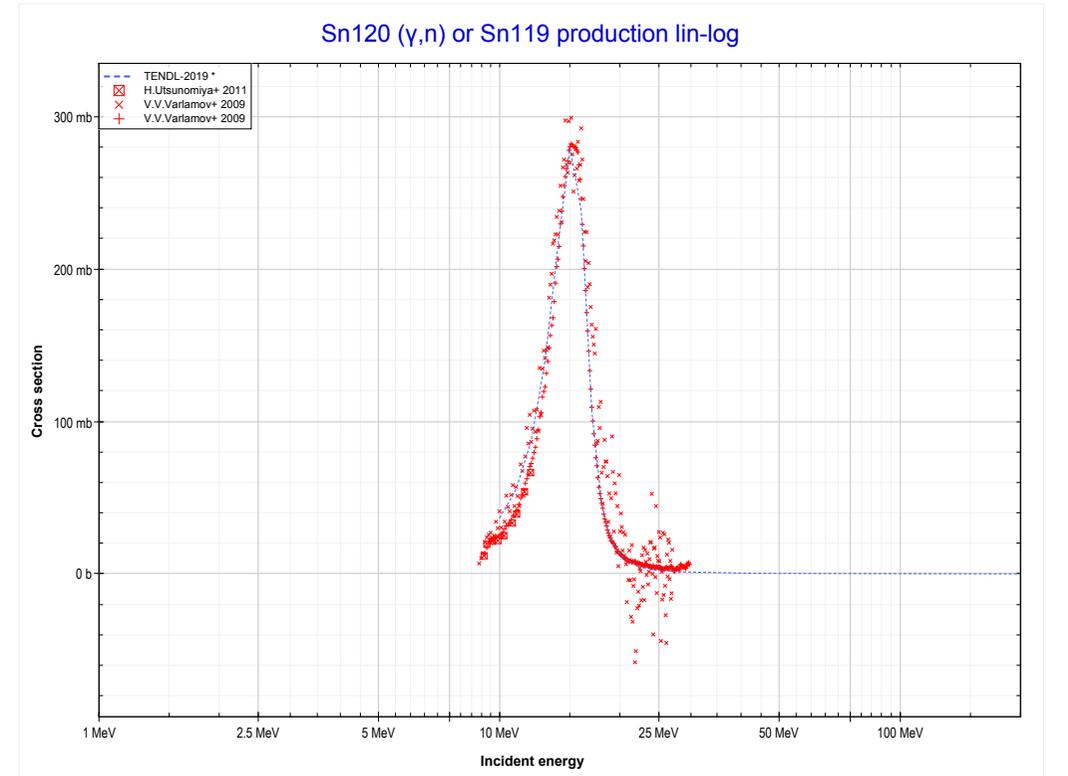
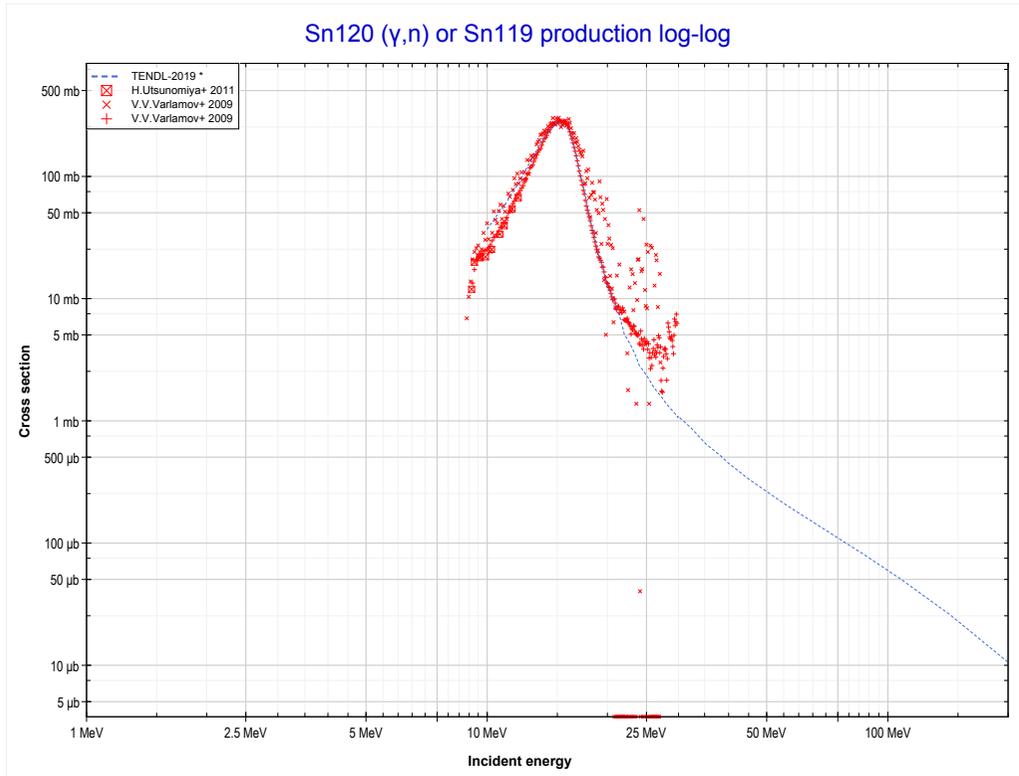
Reaction	Q-Value
Sn119($\gamma,2n$)Sn117	-15809.83 keV

<< 50-Sn-118	50-Sn-119	50-Sn-120 >>
<< MT16 ($\gamma,2n$)	MT17 ($\gamma,3n$) or MT5 (Sn116 production)	50-Sn-120 MT4 (γ,n) >>



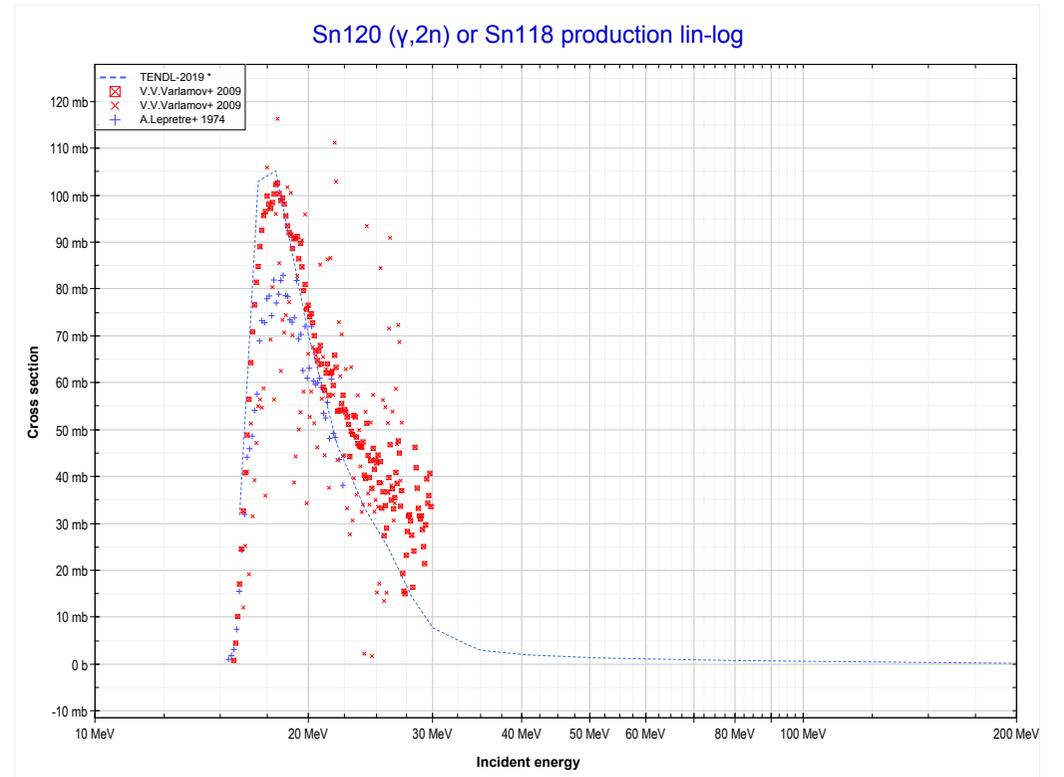
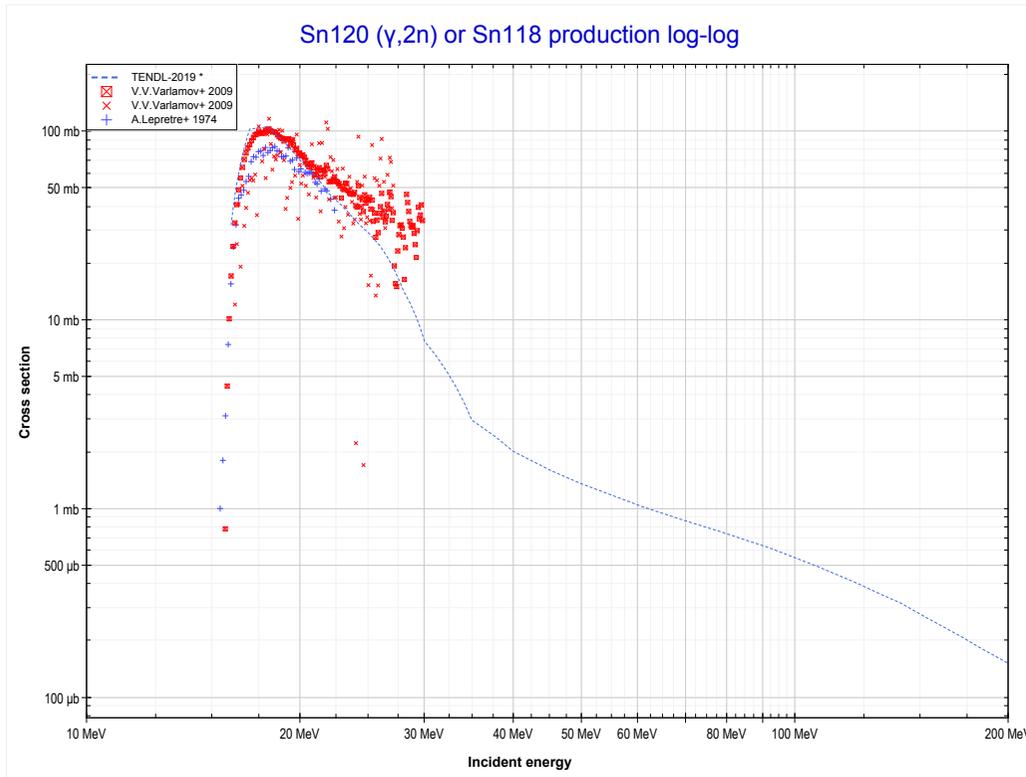
Reaction	Q-Value
Sn119($\gamma,3n$)Sn116	-22752.98 keV

<< 50-Sn-119	50-Sn-120	50-Sn-122 >>
<< 50-Sn-119 MT17 (γ,3n)	MT4 (γ,n) or MT5 (Sn119 production)	MT16 (γ,2n) >>



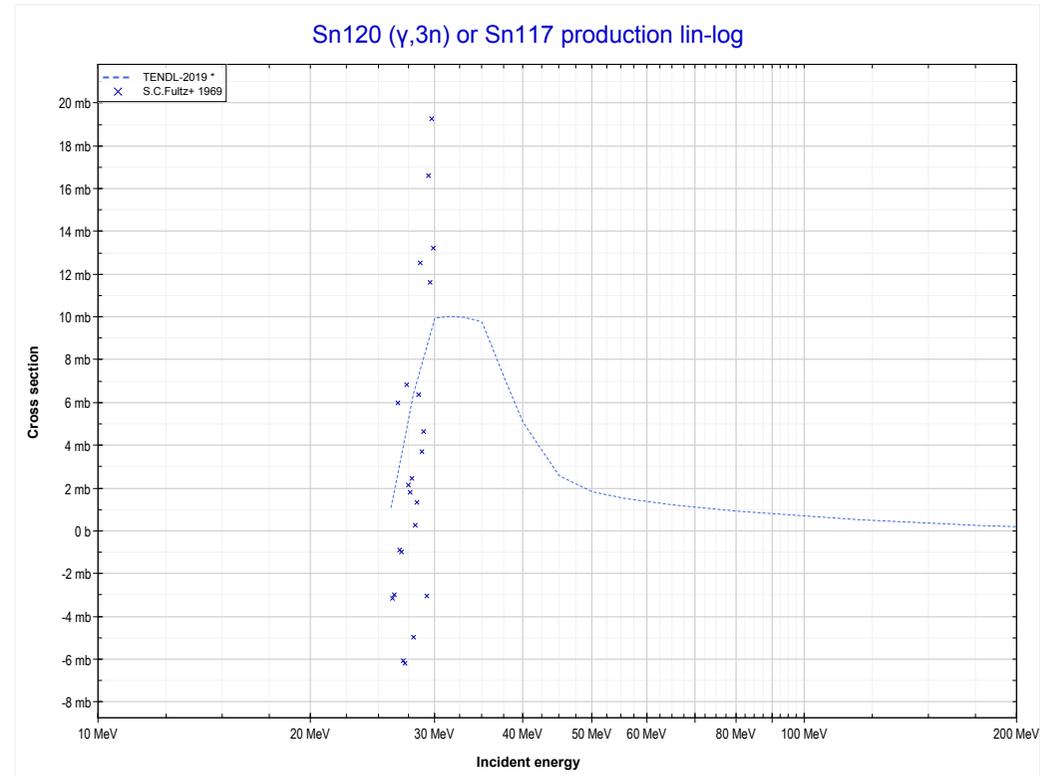
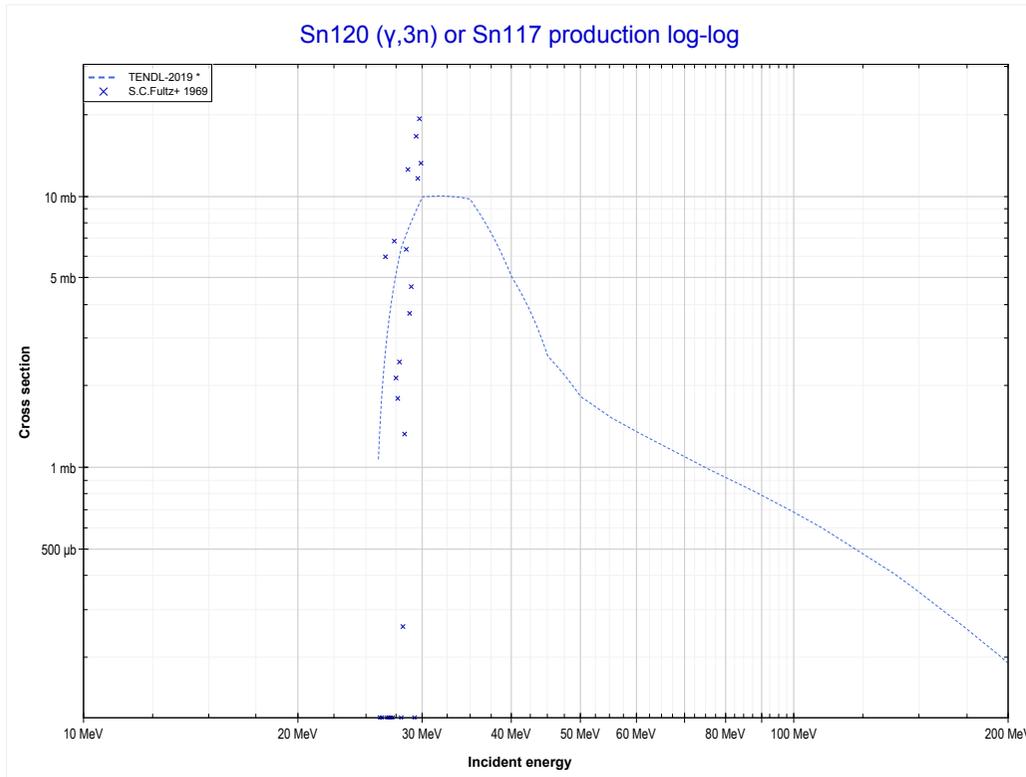
Reaction	Q-Value
Sn120(γ,n)Sn119	-9104.72 keV

<< 50-Sn-119	50-Sn-120	50-Sn-122 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Sn118 production)	MT17 ($\gamma,3n$) >>



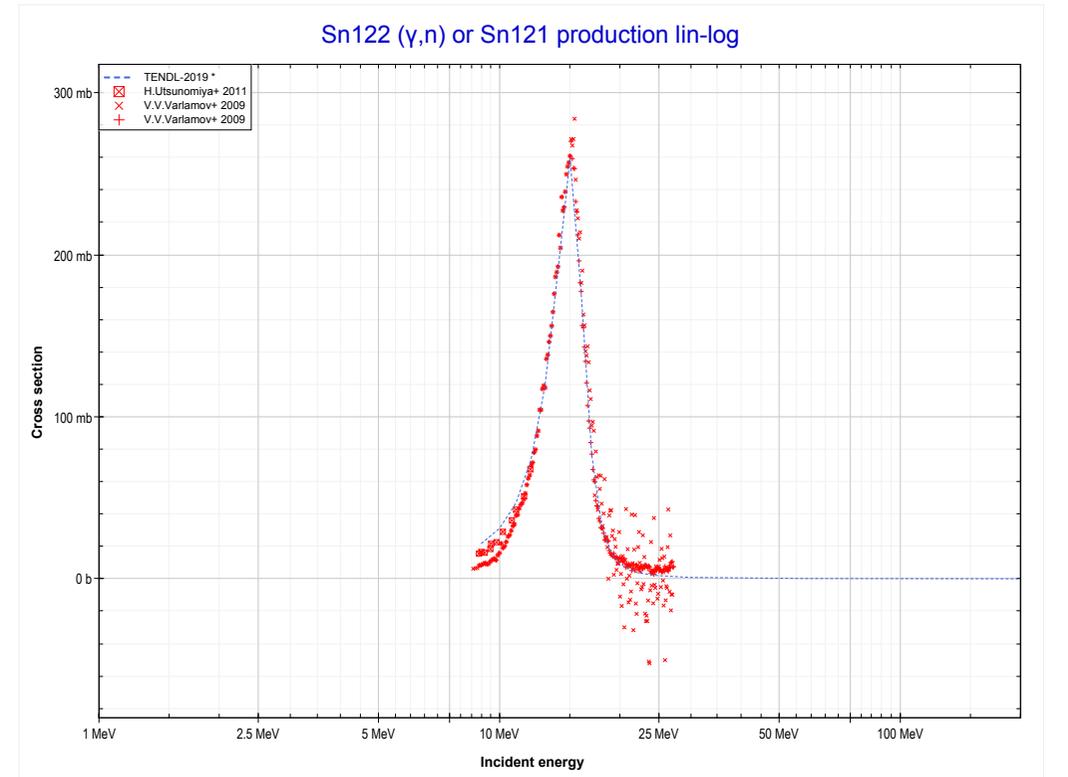
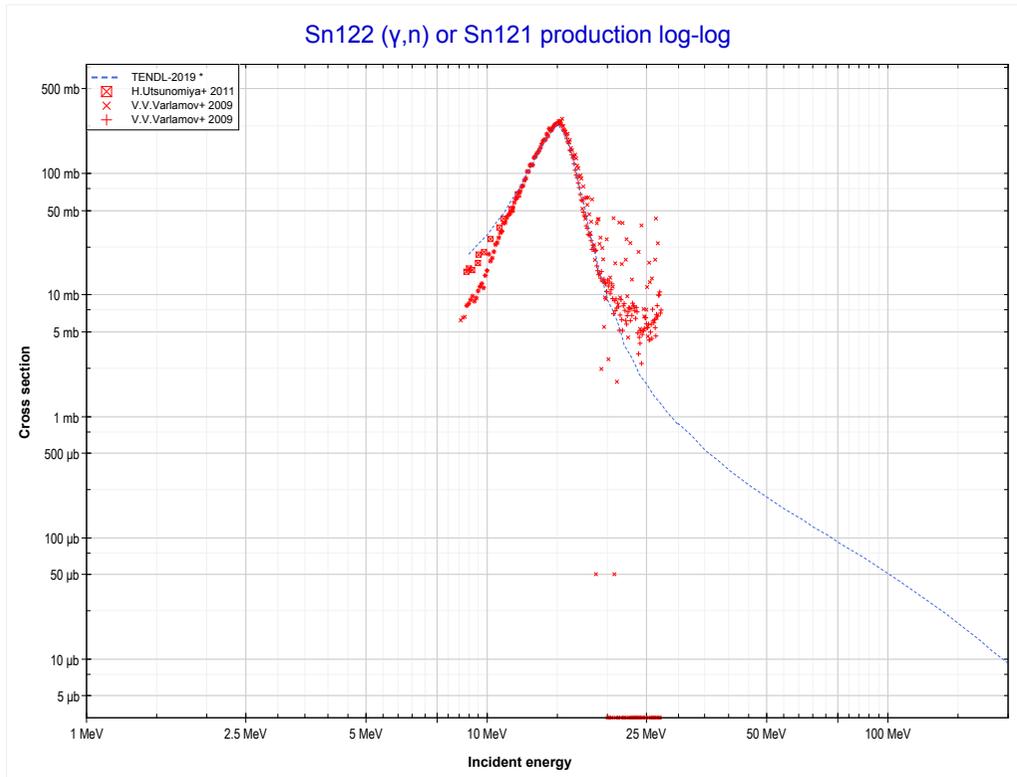
Reaction	Q-Value
Sn120($\gamma,2n$)Sn118	-15588.13 keV

<< 50-Sn-119	50-Sn-120	50-Sn-124 >>
<< MT16 ($\gamma,2n$)	MT17 ($\gamma,3n$) or MT5 (Sn117 production)	50-Sn-122 MT4 (γ,n) >>



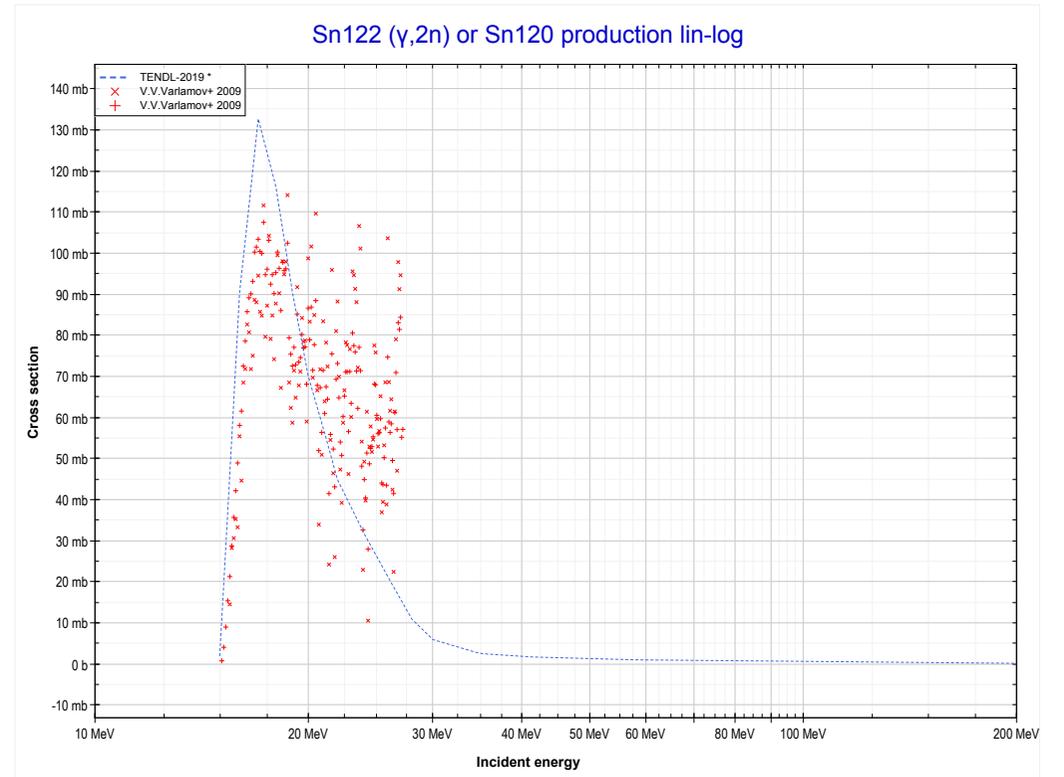
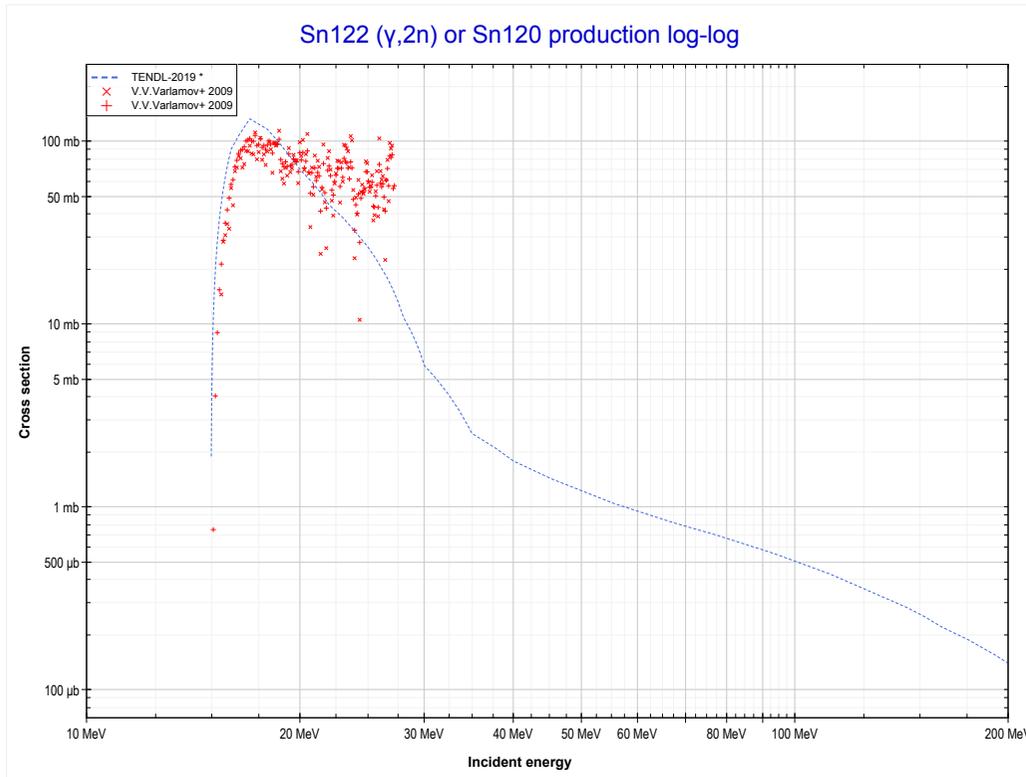
Reaction	Q-Value
Sn120($\gamma,3n$)Sn117	-24914.55 keV

<< 50-Sn-120	50-Sn-122	50-Sn-124 >>
<< 50-Sn-120 MT17 (γ,3n)	MT4 (γ,n) or MT5 (Sn121 production)	MT16 (γ,2n) >>



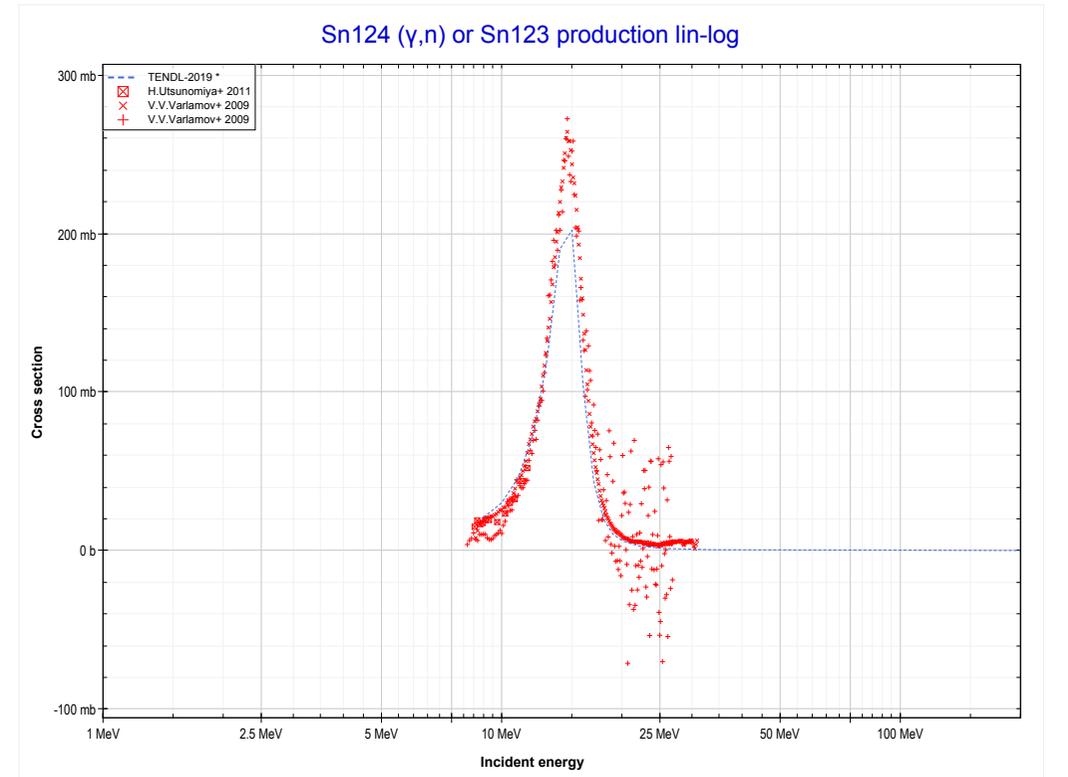
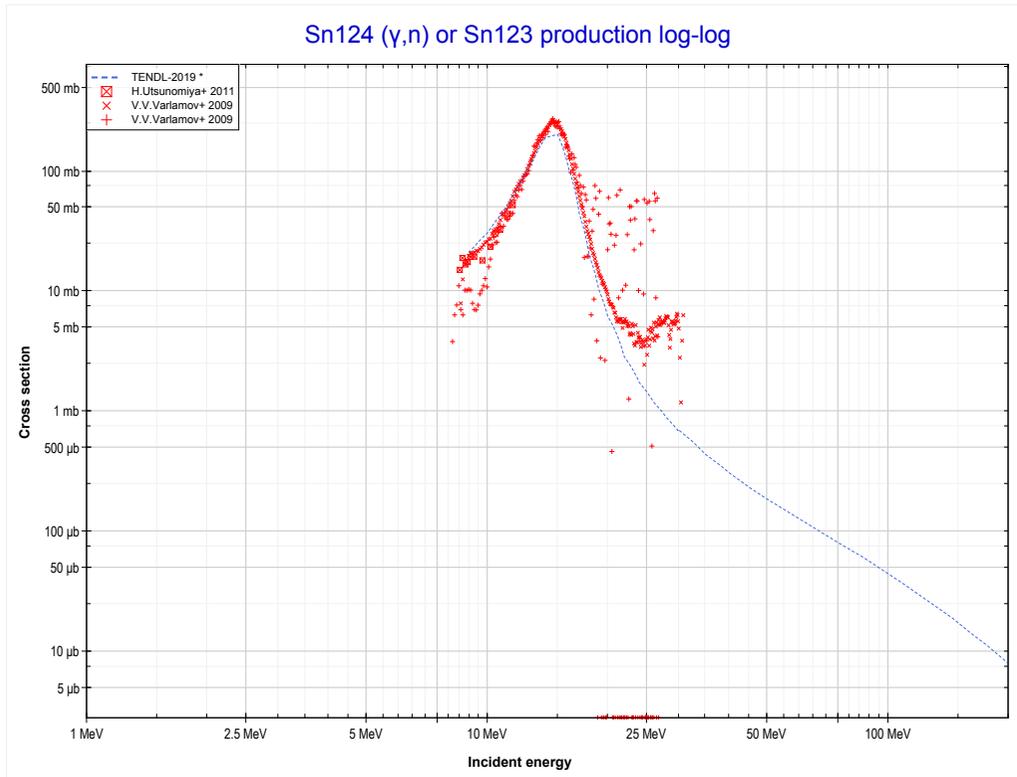
Reaction	Q-Value
Sn122(γ,n)Sn121	-8815.32 keV

<< 50-Sn-120	50-Sn-122	50-Sn-124 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Sn120 production)	50-Sn-124 MT4 (γ,n) >>



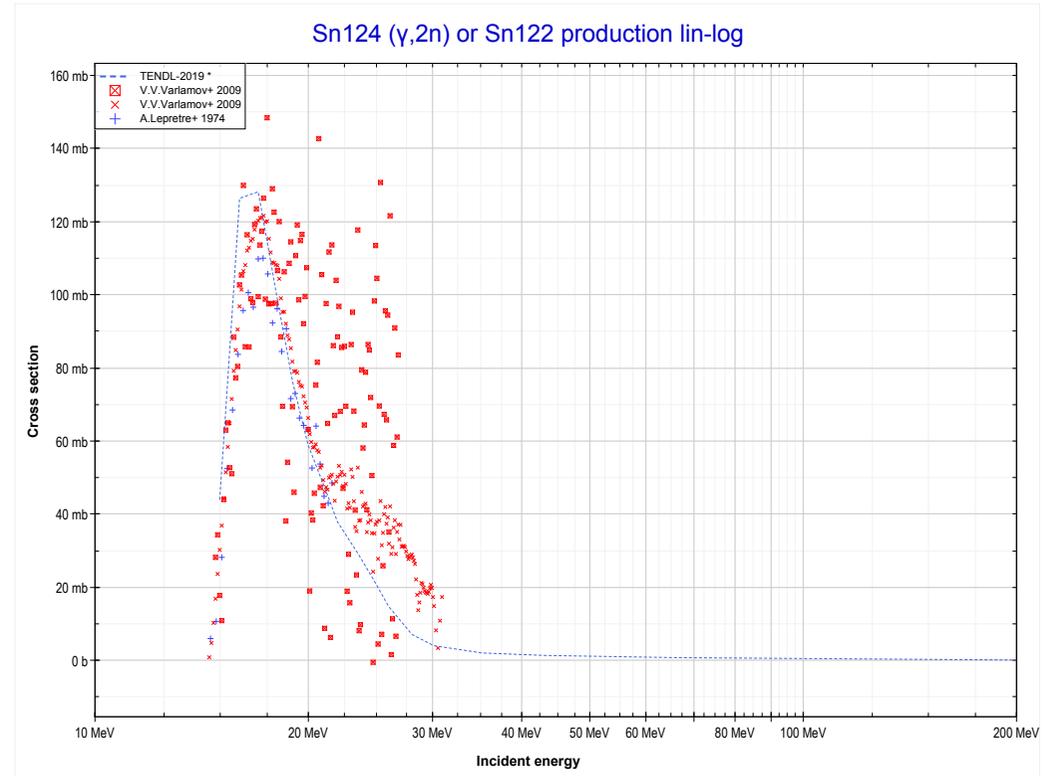
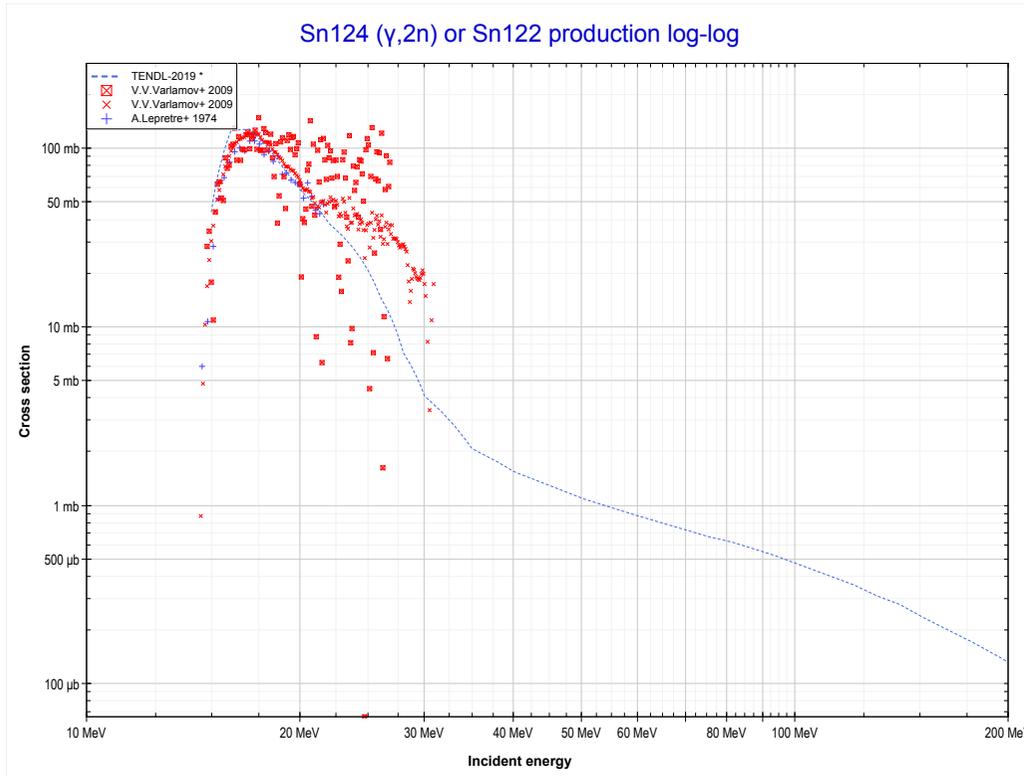
Reaction	Q-Value
Sn122($\gamma,2n$)Sn120	-14985.53 keV

<< 50-Sn-122	50-Sn-124	51-Sb-121 >>
<< 50-Sn-122 MT16 (γ,2n)	MT4 (γ,n) or MT5 (Sn123 production)	MT16 (γ,2n) >>



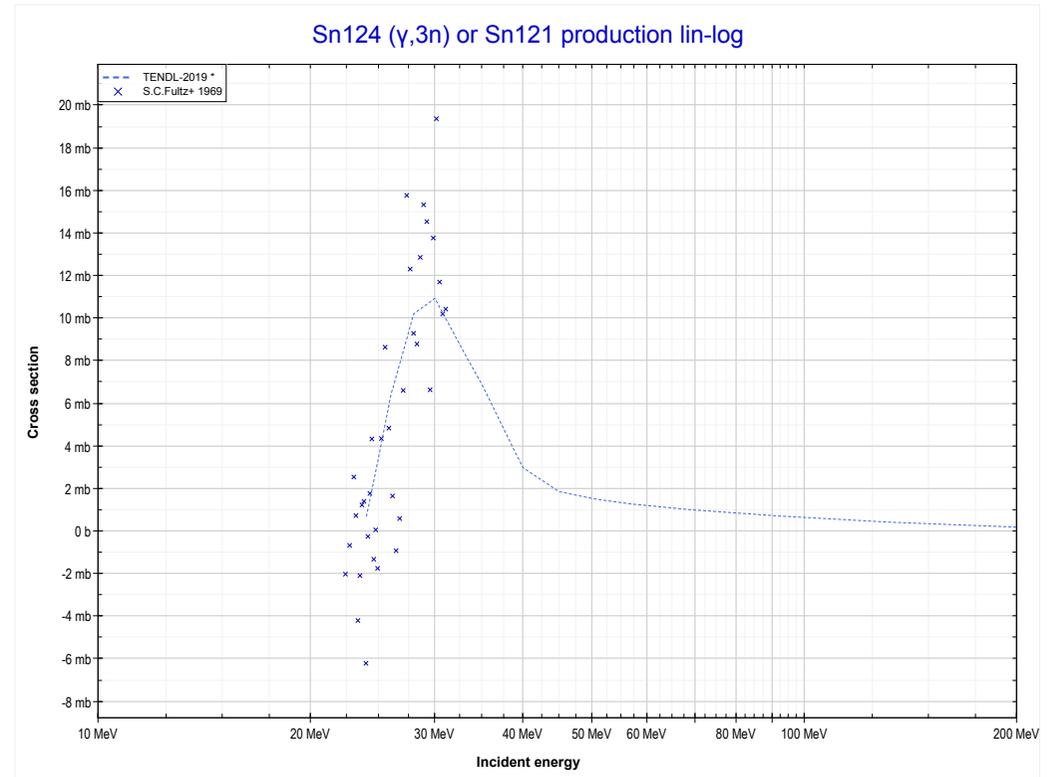
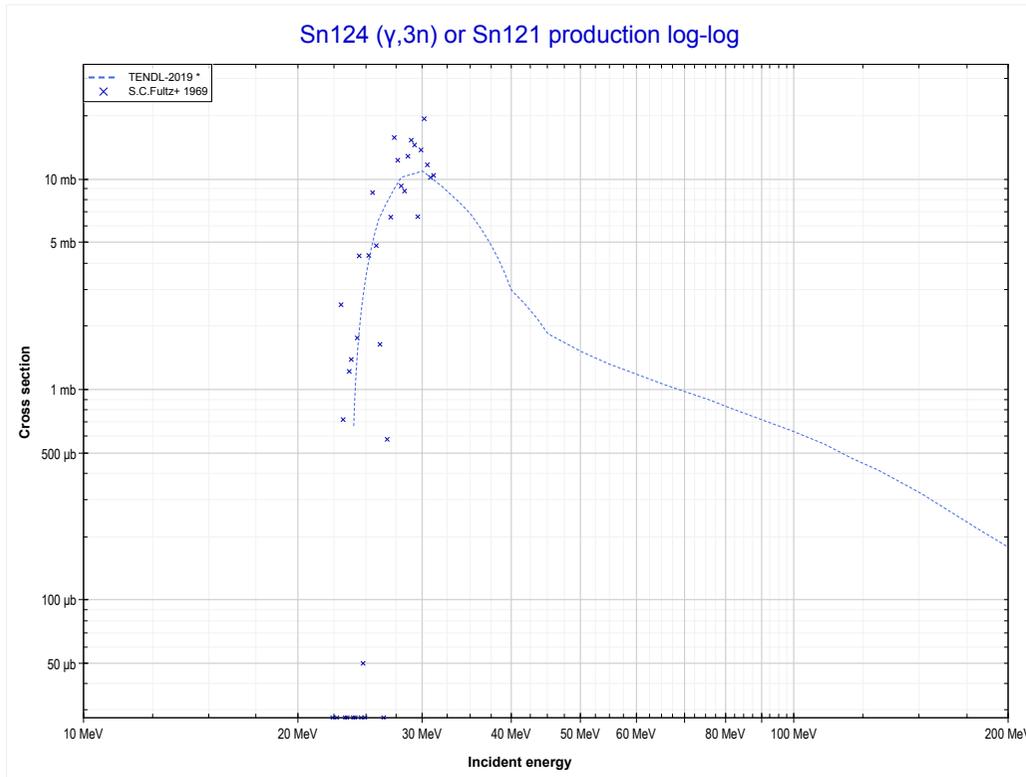
Reaction	Q-Value
Sn124(γ,n)Sn123	-8489.32 keV

<< 50-Sn-122	50-Sn-124	53-I-127 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Sn122 production)	MT17 ($\gamma,3n$) >>



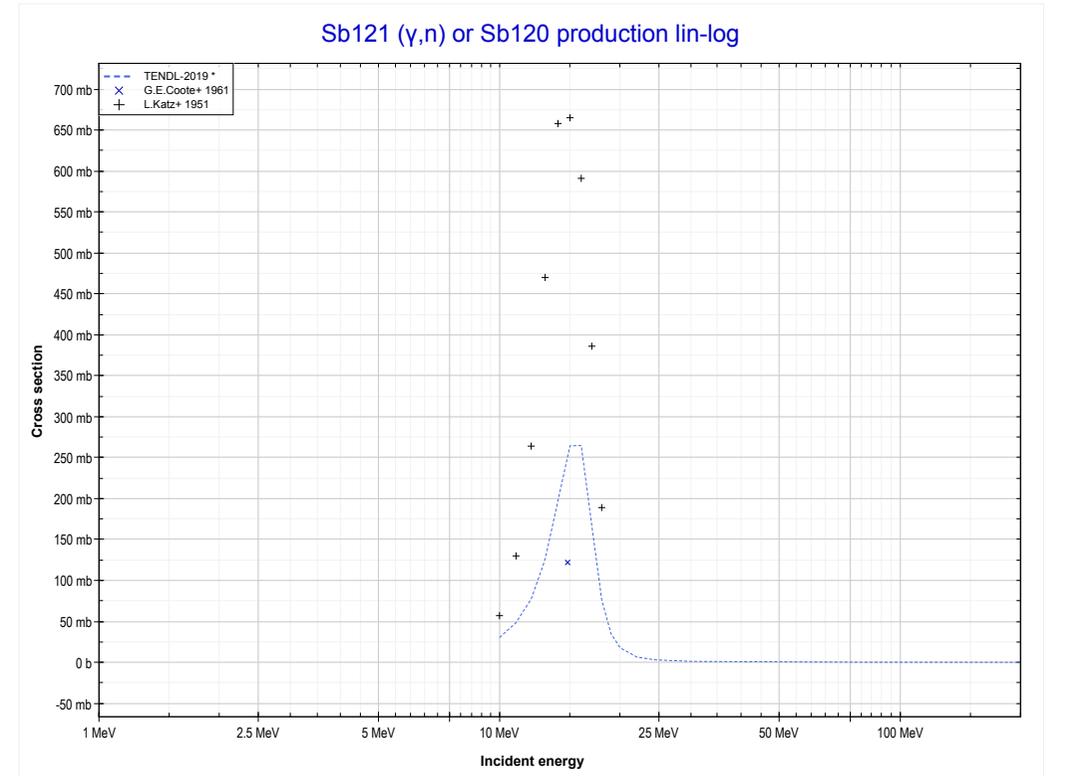
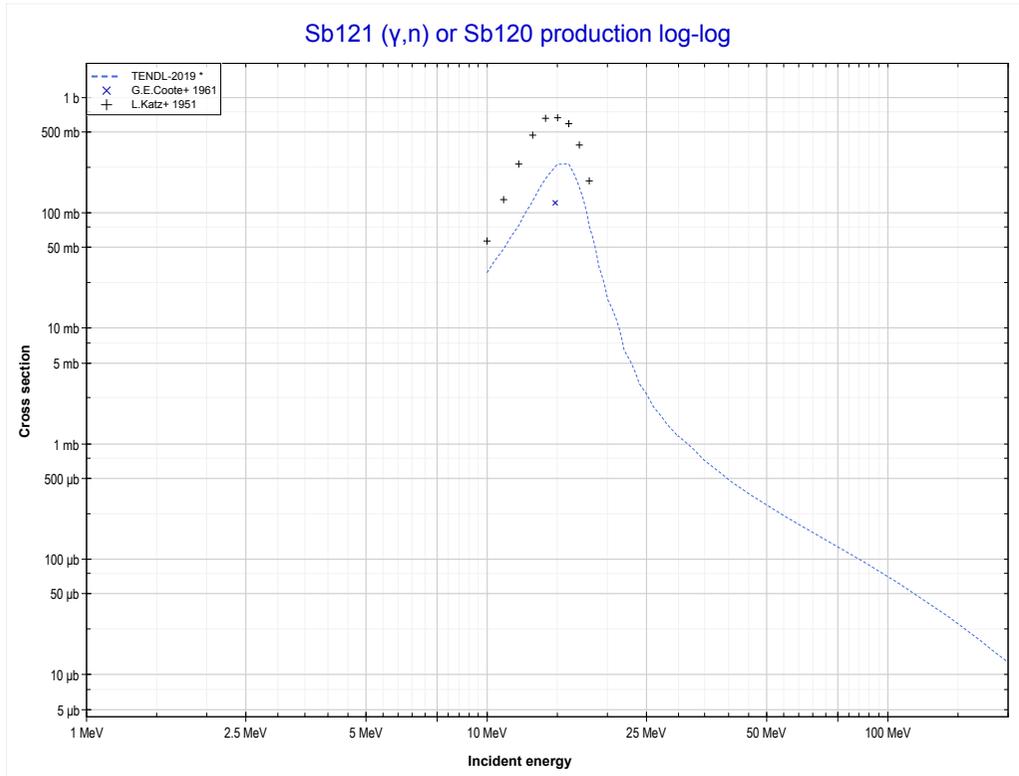
Reaction	Q-Value
Sn124($\gamma,2n$)Sn122	-14435.53 keV

<< 50-Sn-120	50-Sn-124	53-I-127 >>
<< MT16 ($\gamma,2n$)	MT17 ($\gamma,3n$) or MT5 (Sn121 production)	51-Sb-121 MT4 (γ,n) >>



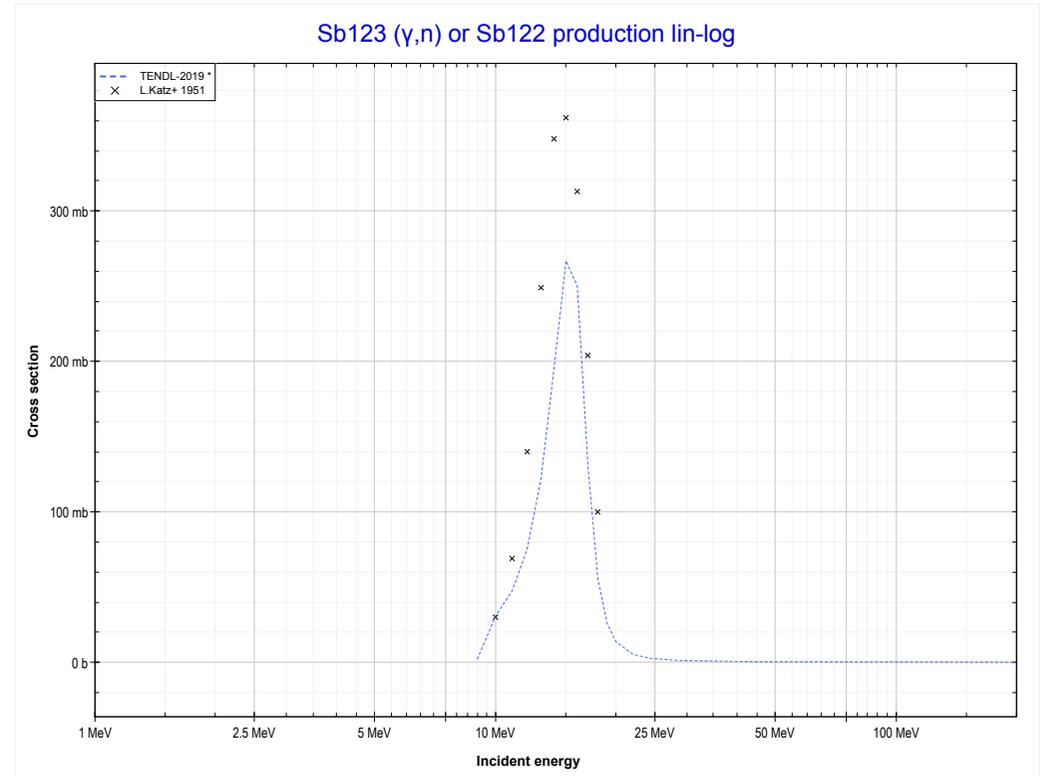
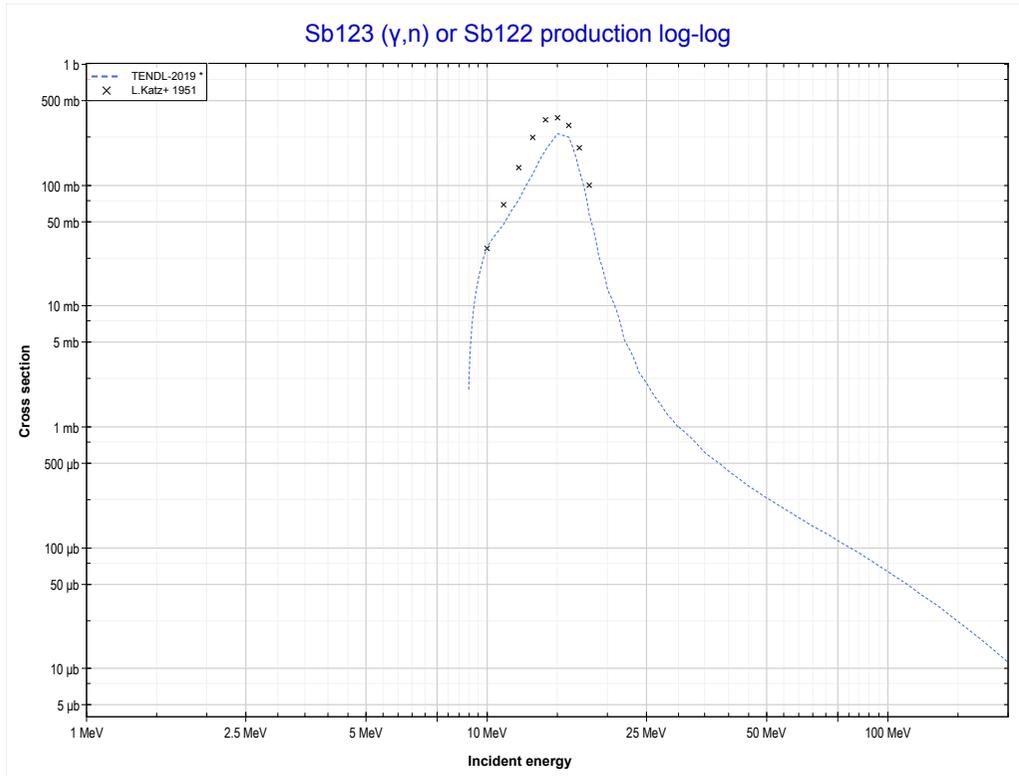
Reaction	Q-Value
Sn124($\gamma,3n$)Sn121	-23250.85 keV

<< 50-Sn-124	51-Sb-121	51-Sb-123 >>
<< 50-Sn-124 MT17 ($\gamma,3n$)	MT4 (γ,n) or MT5 (Sb120 production)	51-Sb-123 MT4 (γ,n) >>



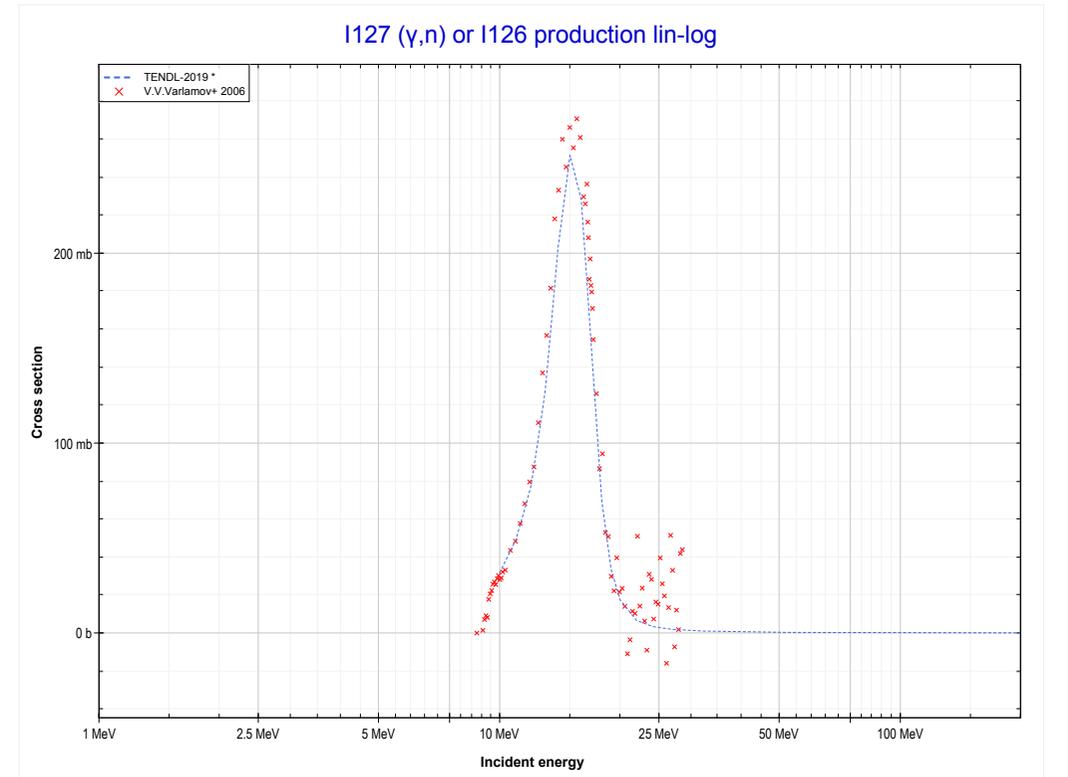
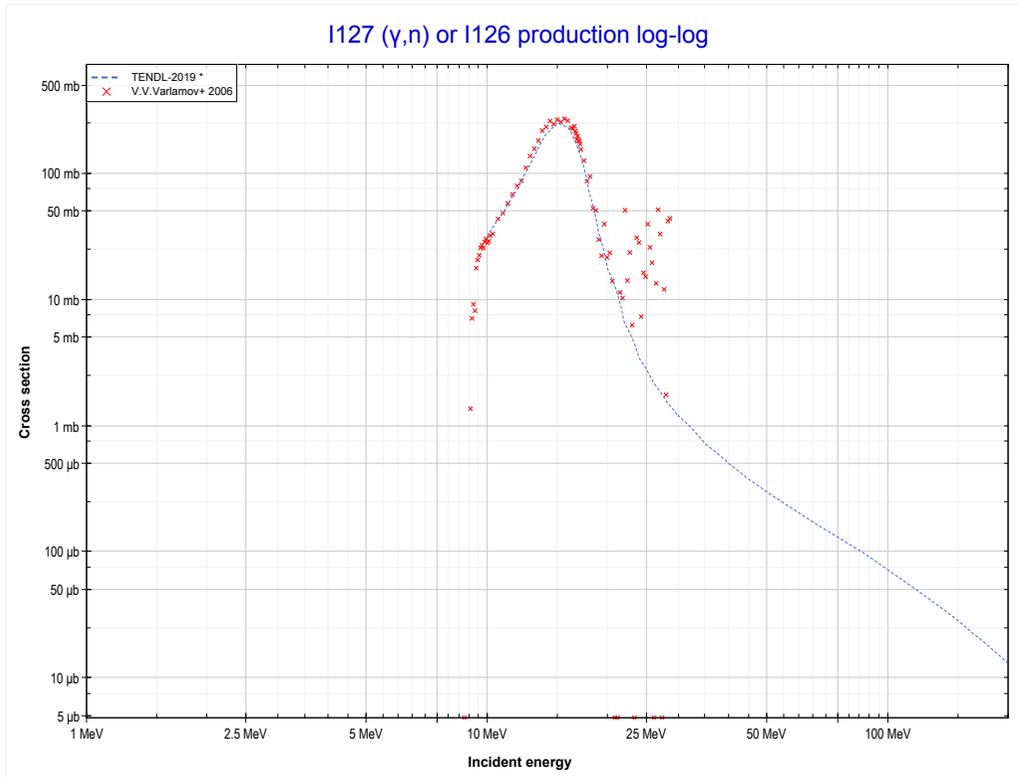
Reaction	Q-Value
Sb121(γ,n)Sb120	-9253.62 keV

<< 51-Sb-121	51-Sb-123	53-I-127 >>
<< 51-Sb-121 MT4 (γ,n)	MT4 (γ,n) or MT5 (Sb122 production)	53-I-127 MT4 (γ,n) >>



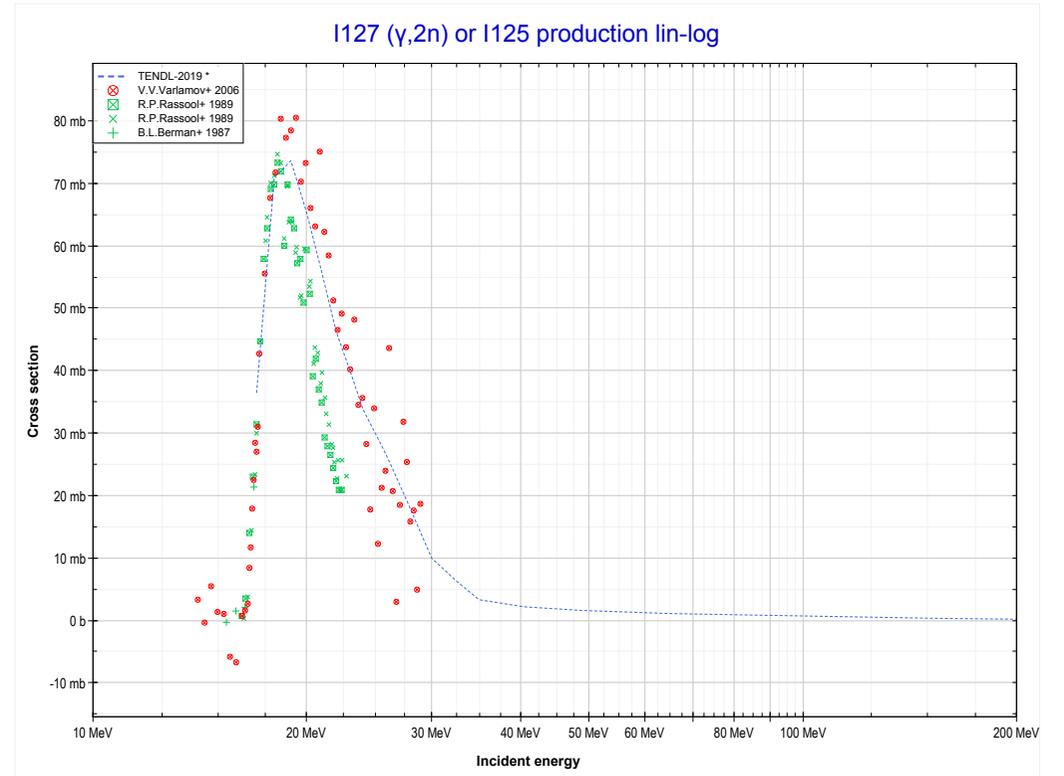
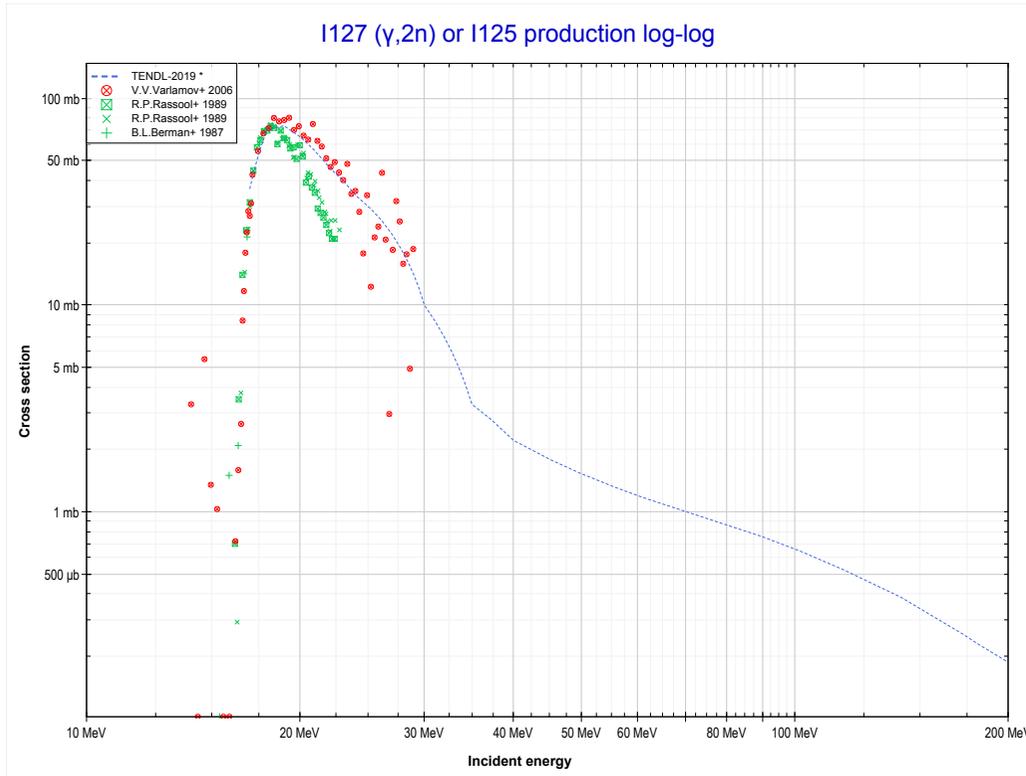
Reaction	Q-Value
Sb123(γ,n)Sb122	-8960.02 keV

<< 51-Sb-123	53-I-127	53-I-129 >>
<< 51-Sb-123 MT4 (γ,n)	MT4 (γ,n) or MT5 (I126 production)	MT16 (γ,2n) >>



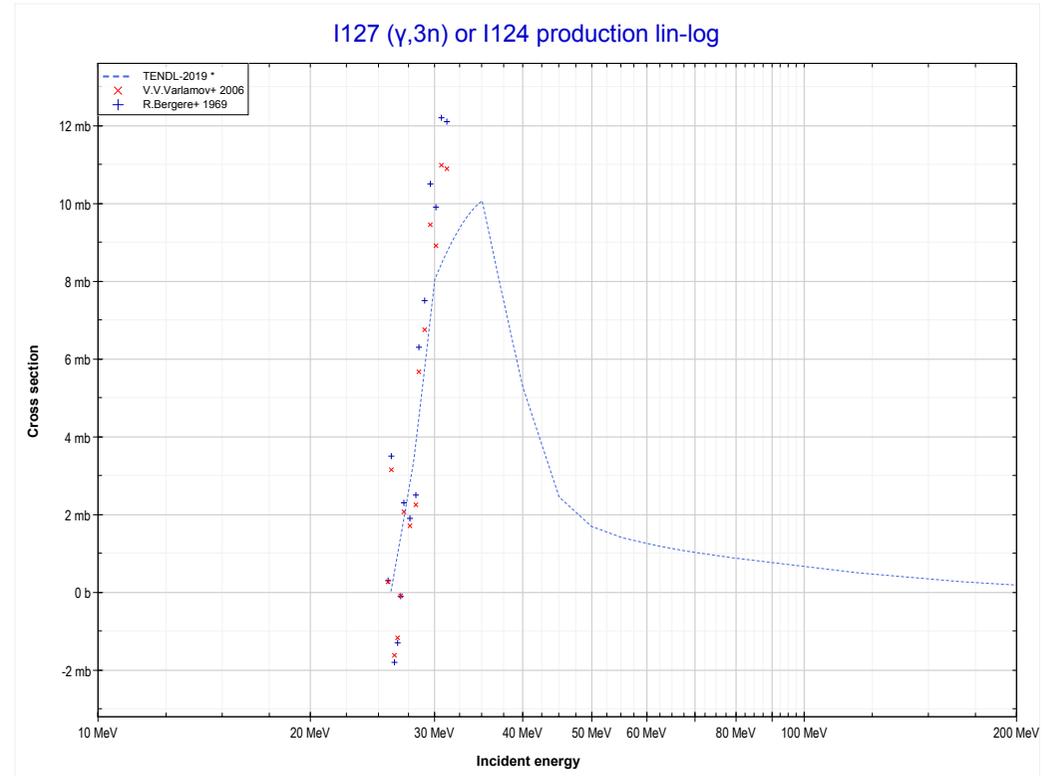
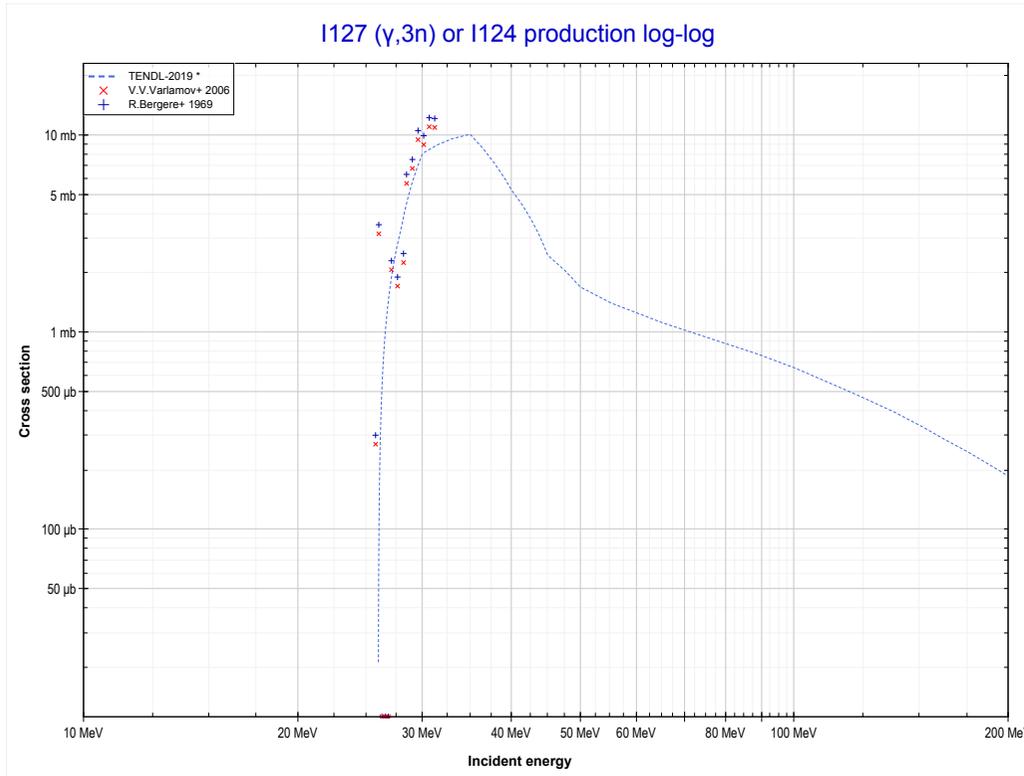
Reaction	Q-Value
I127(γ,n)I126	-9144.32 keV

<< 50-Sn-124	53-I-127	57-La-139 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (I125 production)	MT17 ($\gamma,3n$) >>



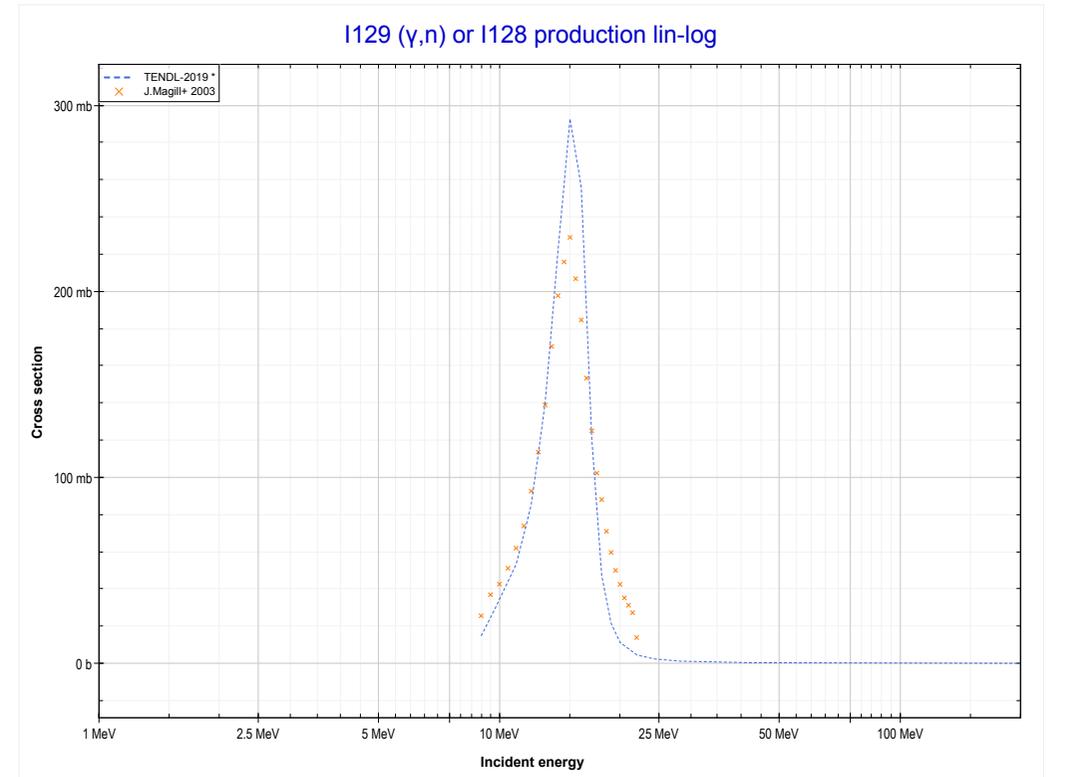
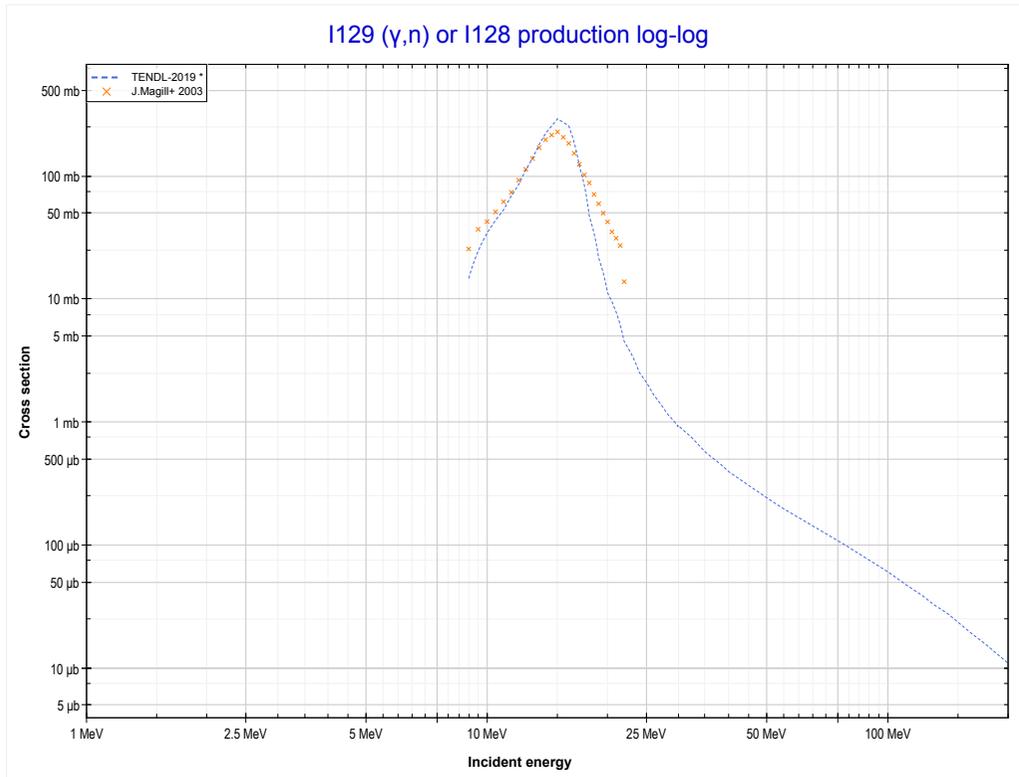
Reaction	Q-Value
I127($\gamma,2n$)I125	-16289.43 keV

<< 50-Sn-124	53-I-127	55-Cs-133 >>
<< MT16 ($\gamma,2n$)	MT17 ($\gamma,3n$) or MT5 (I124 production)	53-I-129 MT4 (γ,n) >>



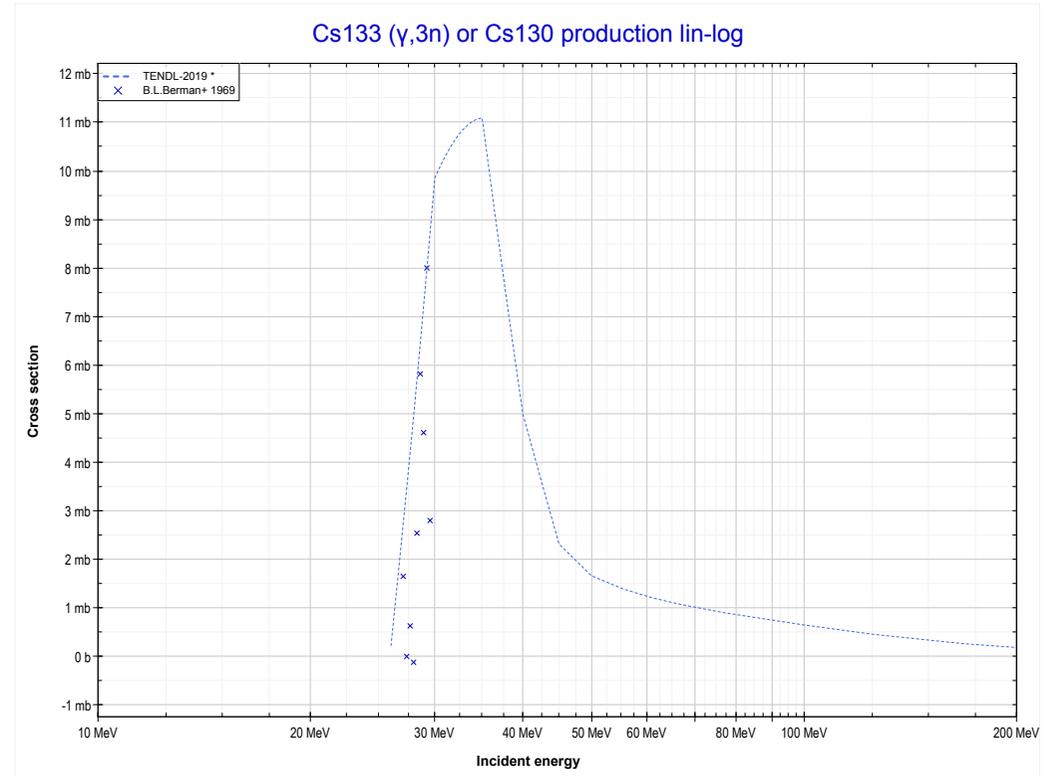
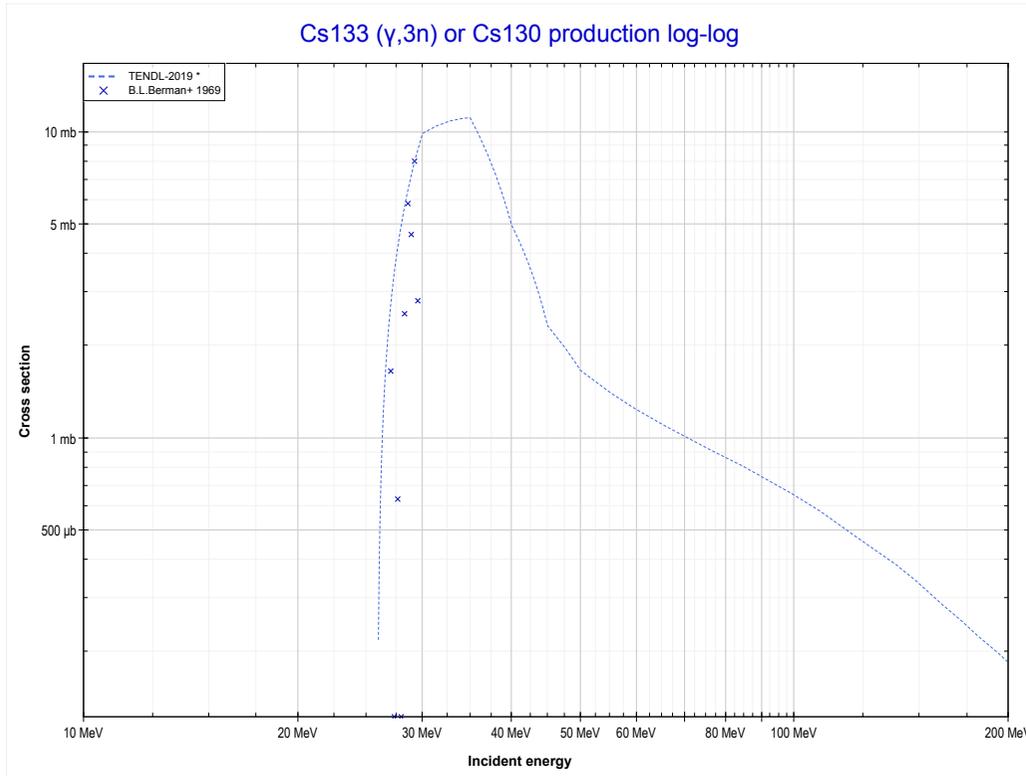
Reaction	Q-Value
I127($\gamma,3n$)I124	-25832.25 keV

<< 53-I-127	53-I-129	56-Ba-130 >>
<< 53-I-127 MT17 ($\gamma,3n$)	MT4 (γ,n) or MT5 (I128 production)	55-Cs-133 MT17 ($\gamma,3n$) >>



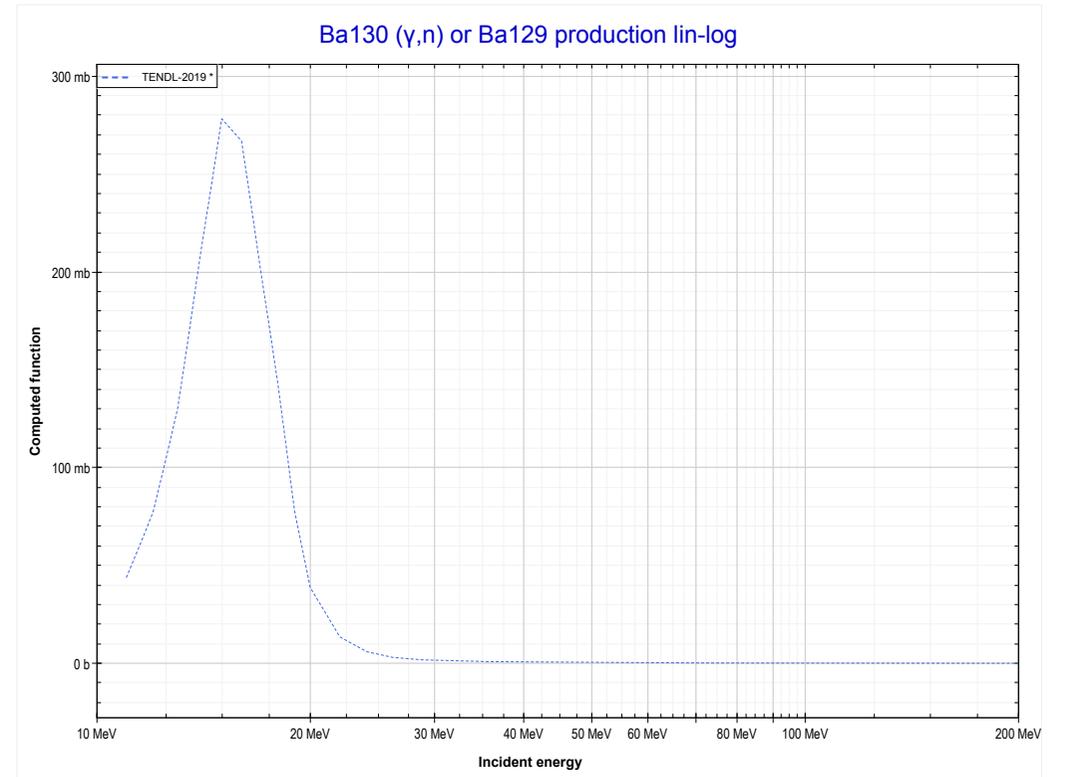
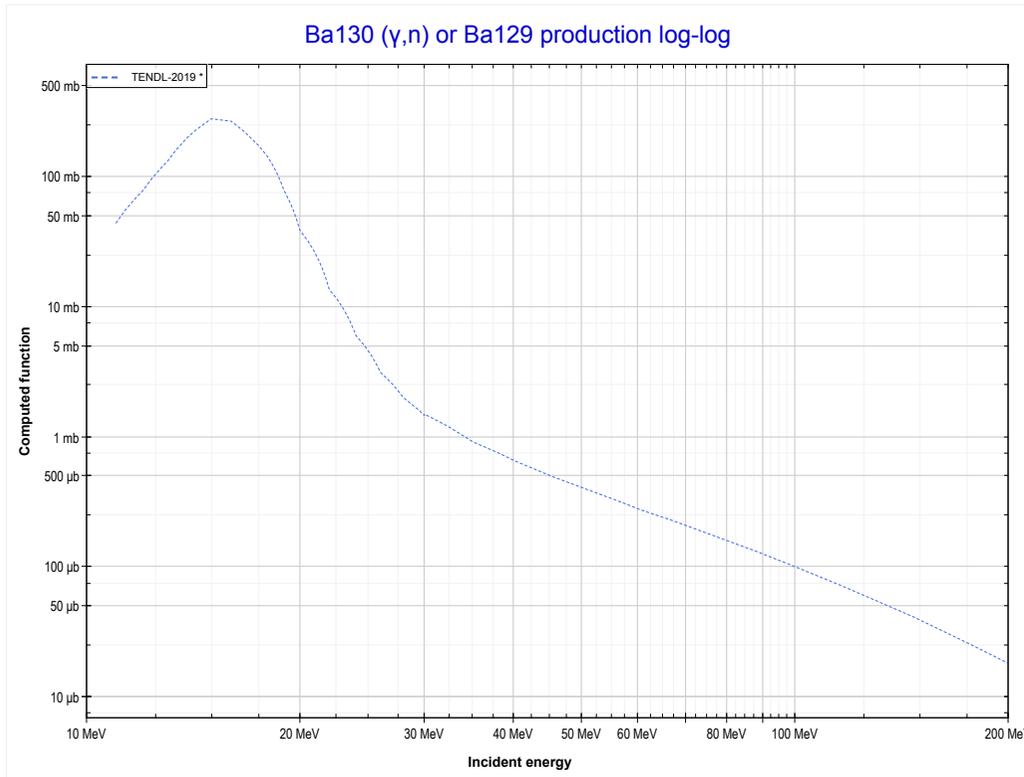
Reaction	Q-Value
I129(γ,n)I128	-8839.32 keV

<< 53-I-127	55-Cs-133	56-Ba-138 >>
<< 53-I-129 MT4 (γ,n)	MT17 (γ,3n) or MT5 (Cs130 production)	56-Ba-130 MT4 (γ,n) >>



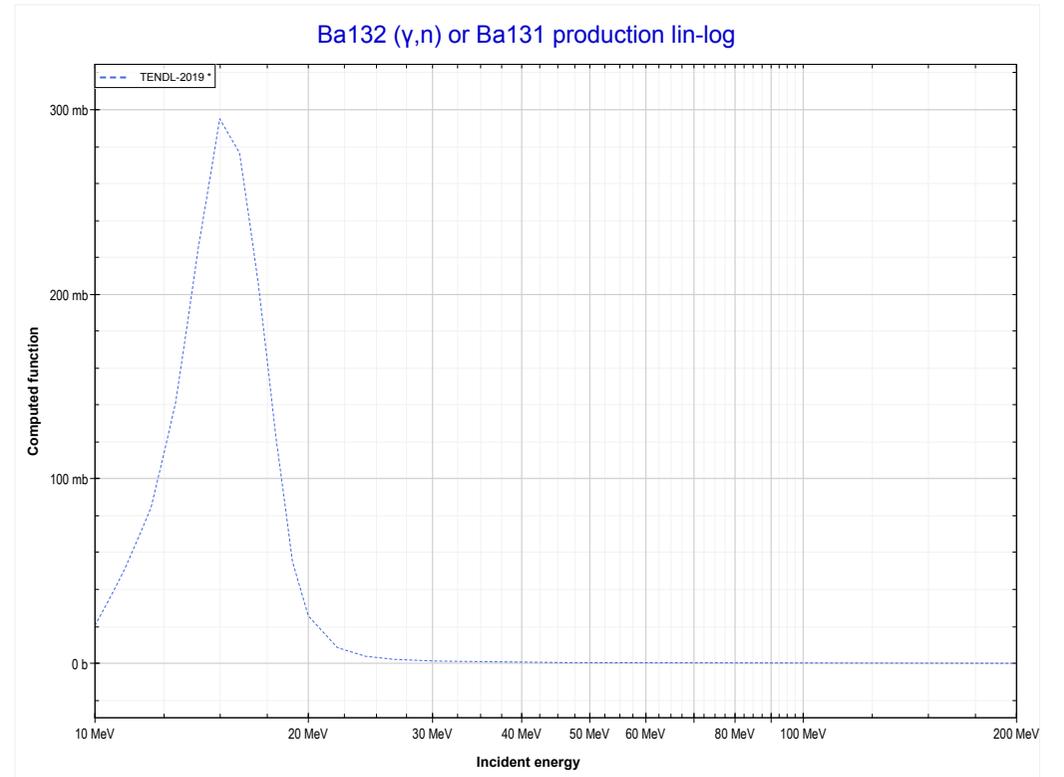
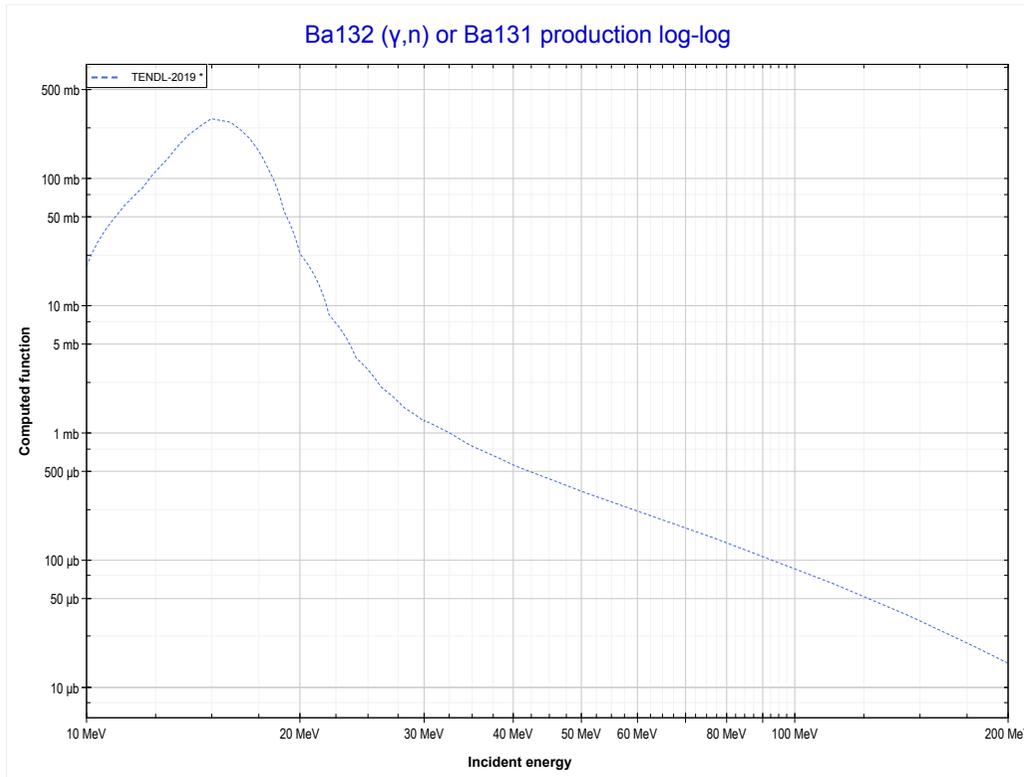
Reaction	Q-Value
Cs133(γ,3n)Cs130	-25384.88 keV

<< 53-I-129	56-Ba-130	56-Ba-132 >>
<< 55-Cs-133 MT17 (γ,3n)	MT4 (γ,n) or MT5 (Ba129 production)	56-Ba-132 MT4 (γ,n) >>



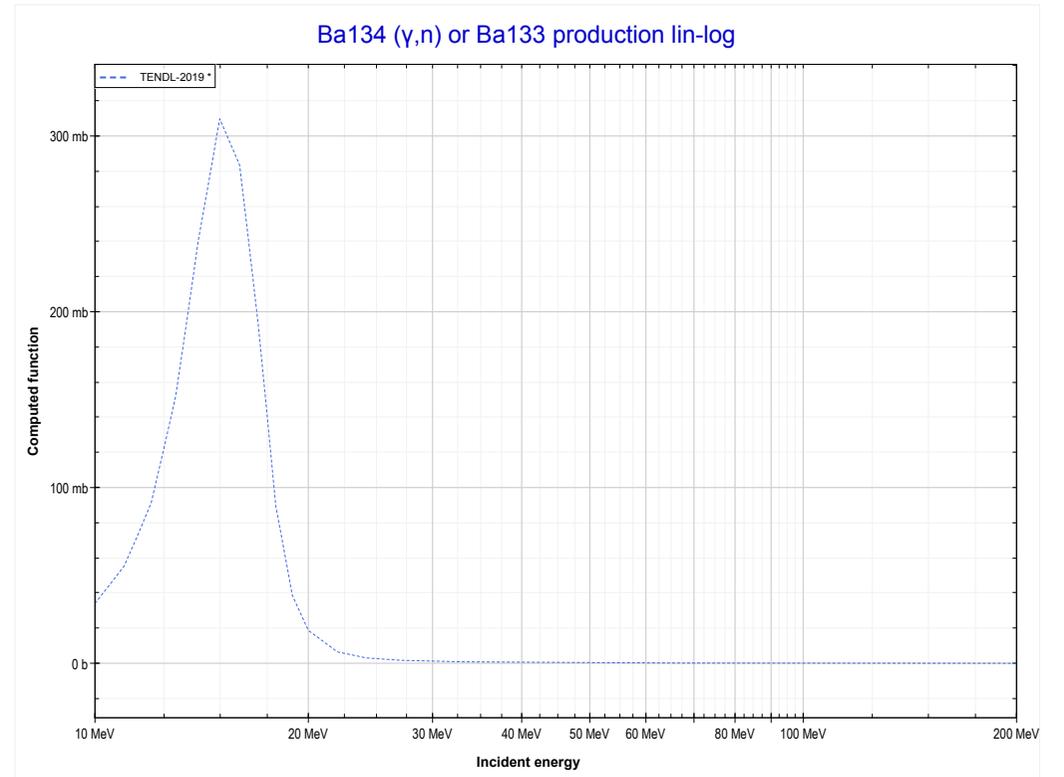
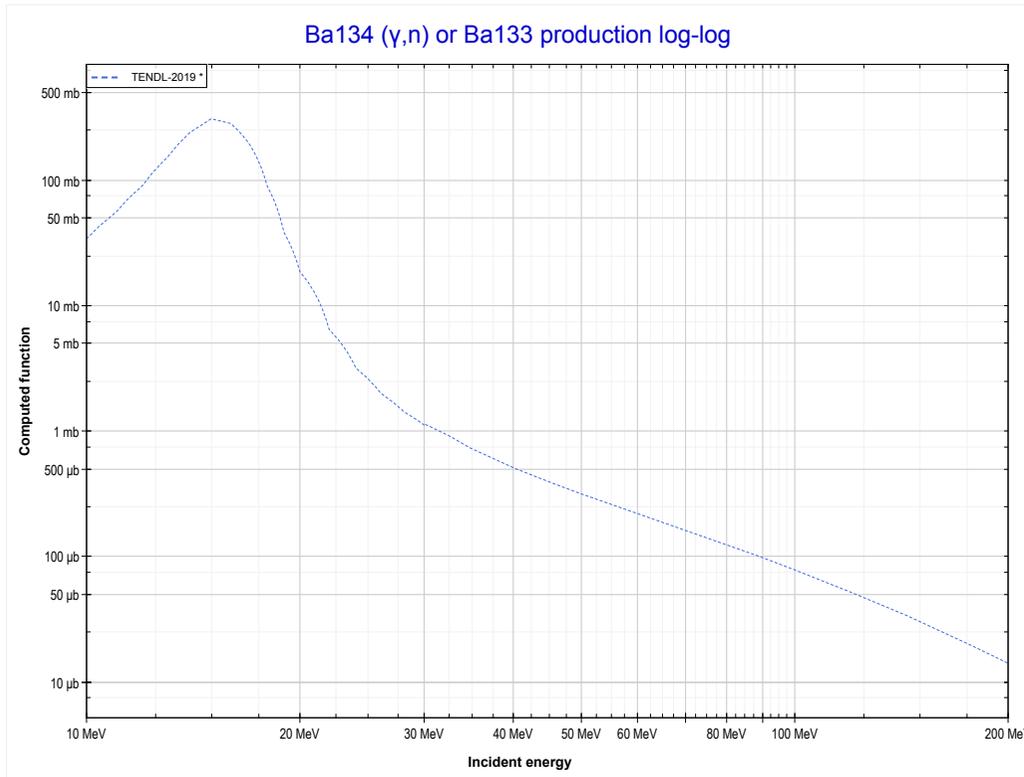
Reaction	Q-Value
Ba130(γ,n)Ba129	-10269.82 keV

<< 56-Ba-130	56-Ba-132	56-Ba-134 >>
<< 56-Ba-130 MT4 (γ,n)	MT4 (γ,n) or MT5 (Ba131 production)	56-Ba-134 MT4 (γ,n) >>



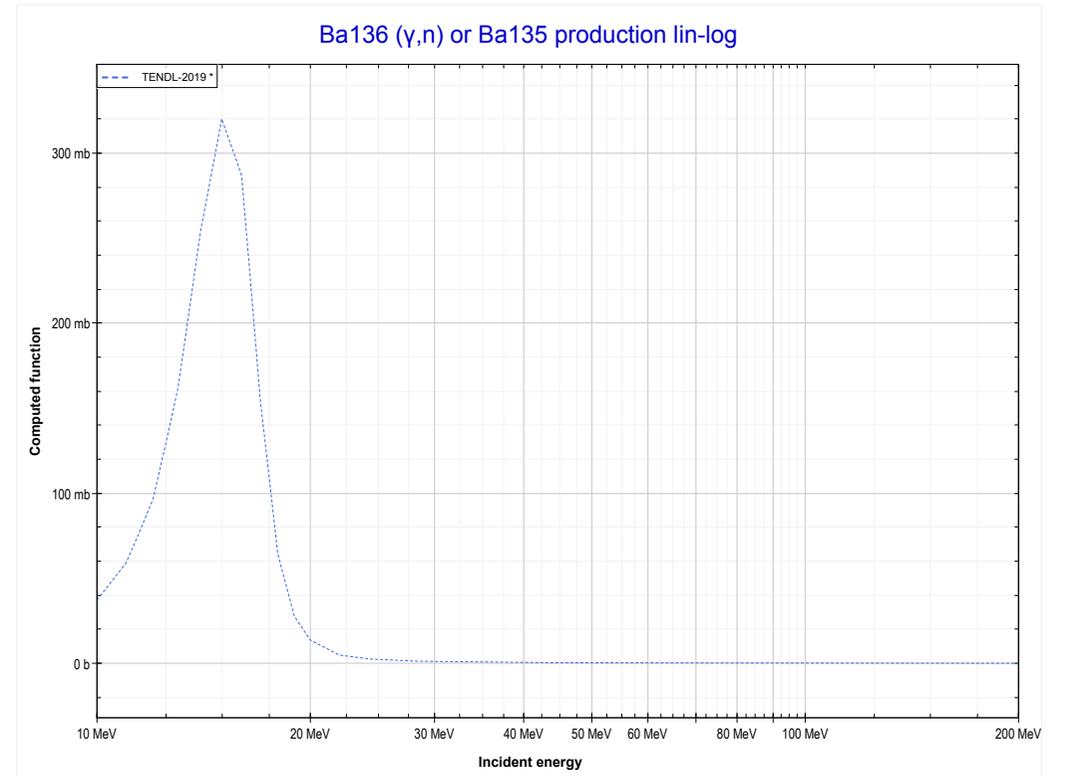
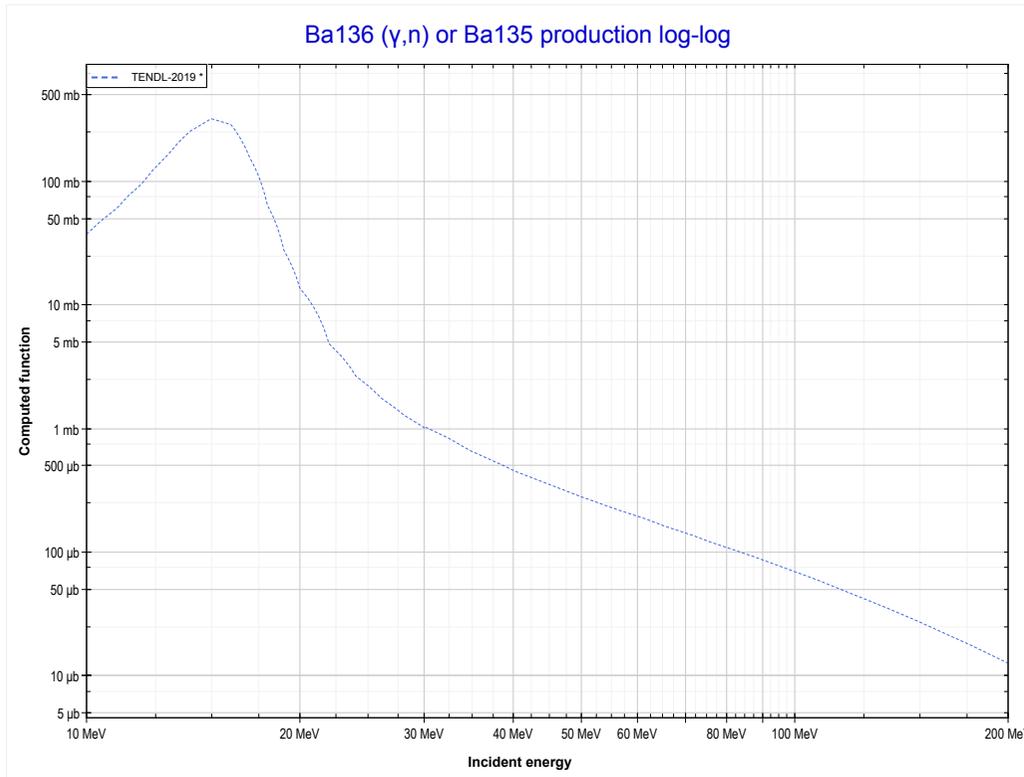
Reaction	Q-Value
Ba132(γ,n)Ba131	-9822.62 keV

<< 56-Ba-132	56-Ba-134	56-Ba-136 >>
<< 56-Ba-132 MT4 (γ,n)	MT4 (γ,n) or MT5 (Ba133 production)	56-Ba-136 MT4 (γ,n) >>



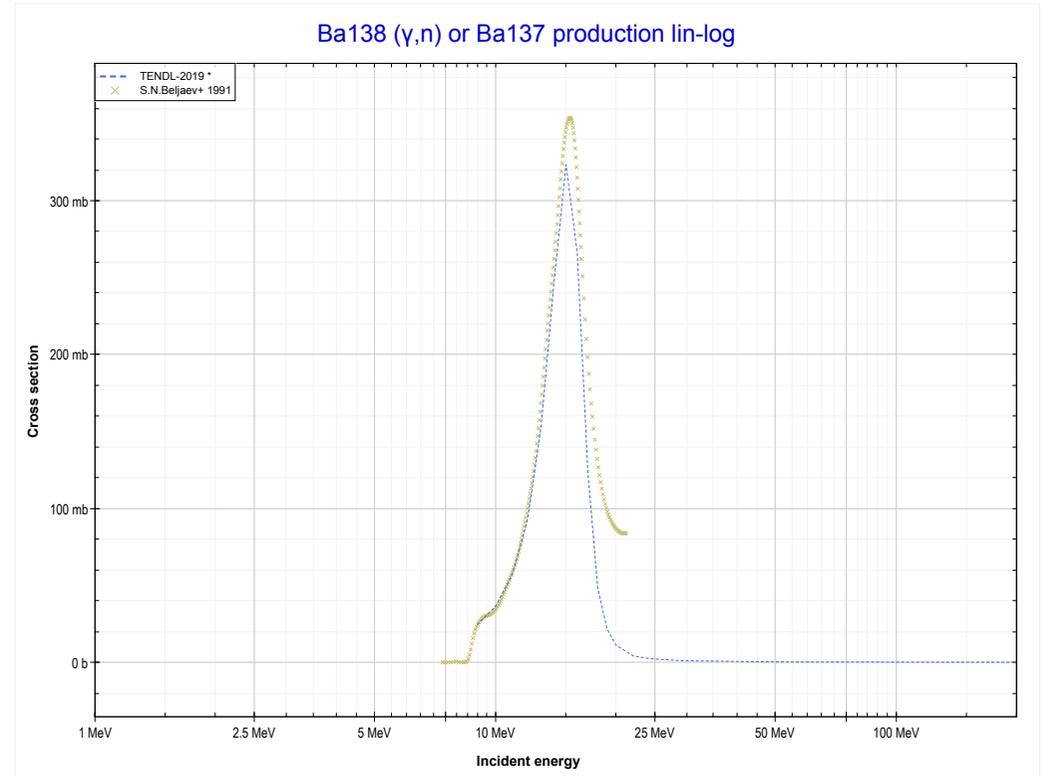
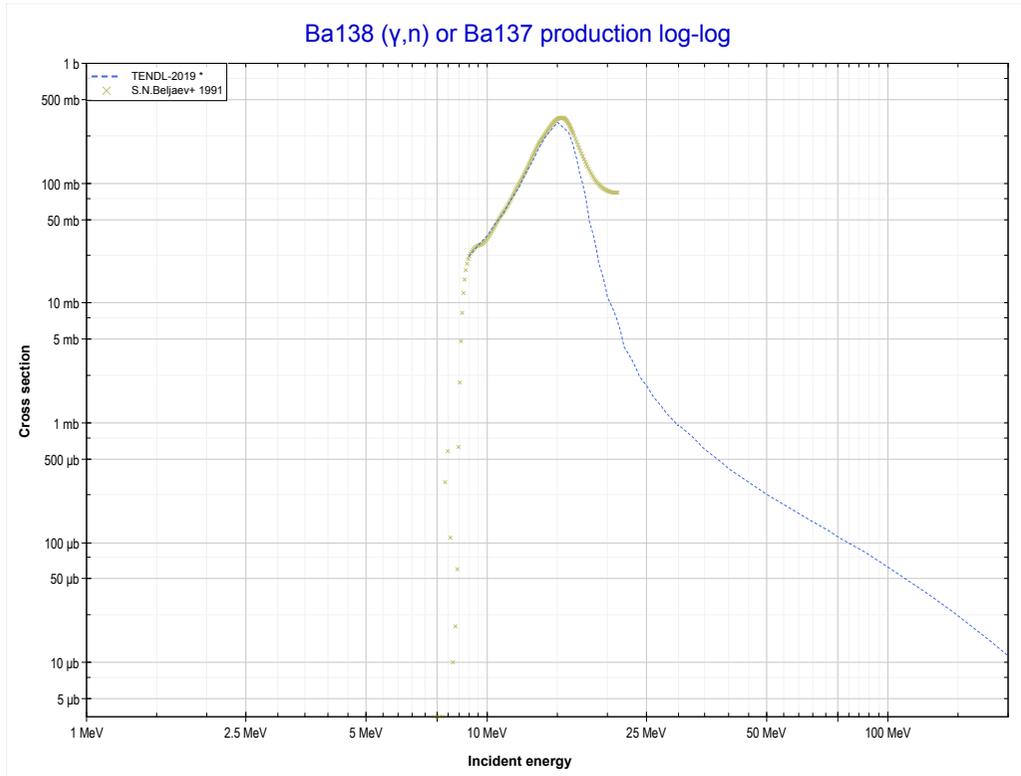
Reaction	Q-Value
Ba134(γ,n)Ba133	-9467.62 keV

<< 56-Ba-134	56-Ba-136	56-Ba-138 >>
<< 56-Ba-134 MT4 (γ,n)	MT4 (γ,n) or MT5 (Ba135 production)	56-Ba-138 MT4 (γ,n) >>



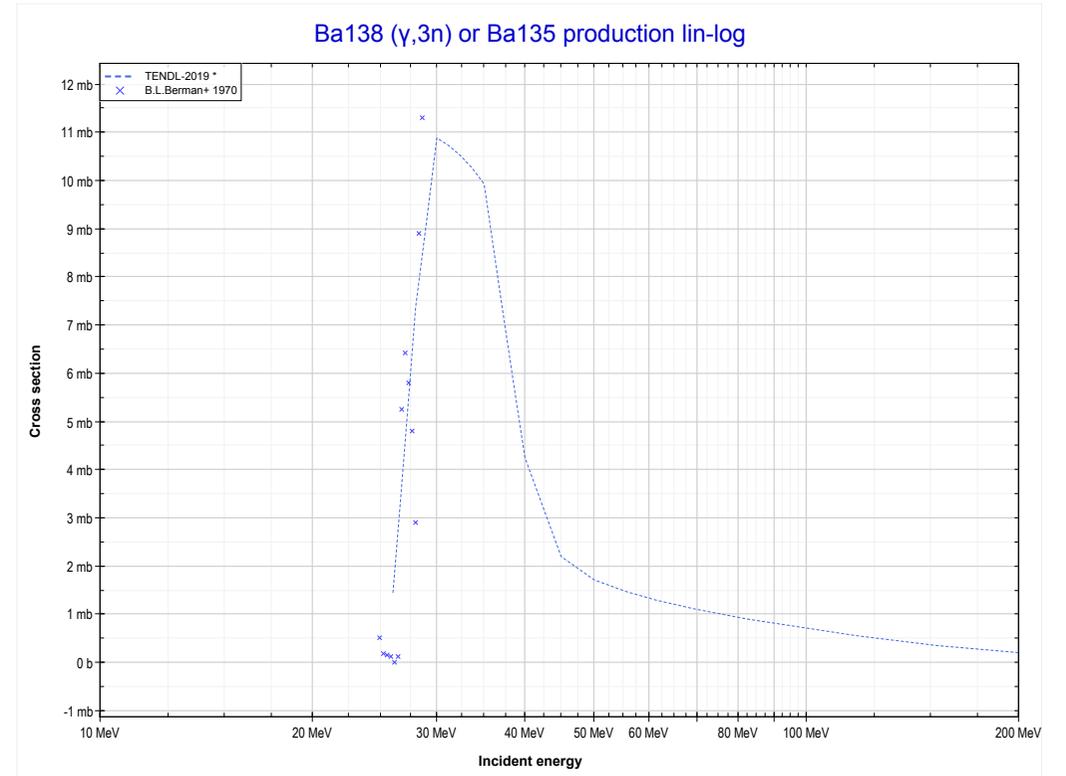
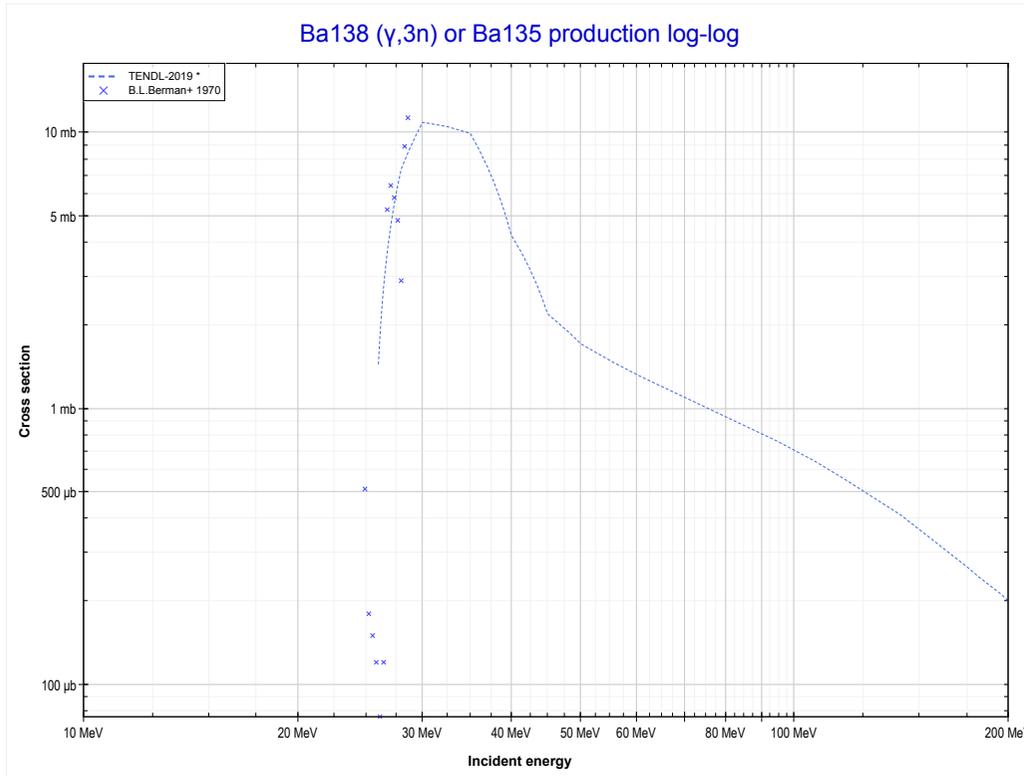
Reaction	Q-Value
Ba136(γ,n)Ba135	-9107.72 keV

<< 56-Ba-136	56-Ba-138	57-La-139 >>
<< 56-Ba-136 MT4 (γ,n)	MT4 (γ,n) or MT5 (Ba137 production)	MT17 (γ,3n) >>



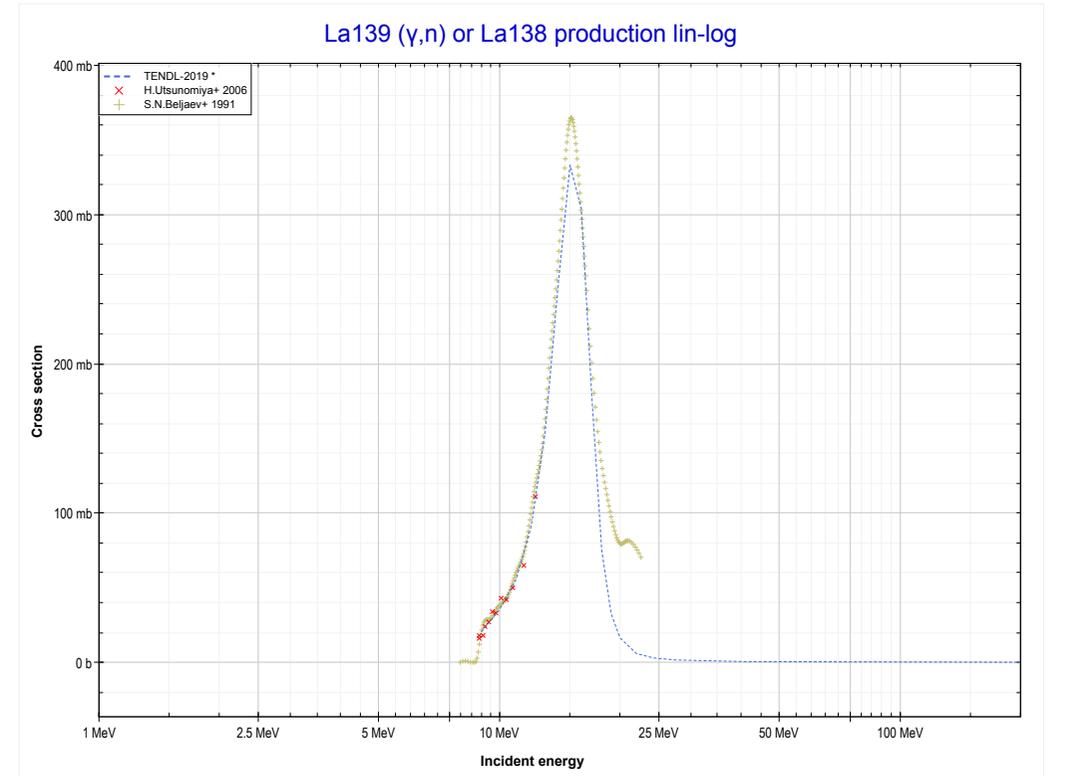
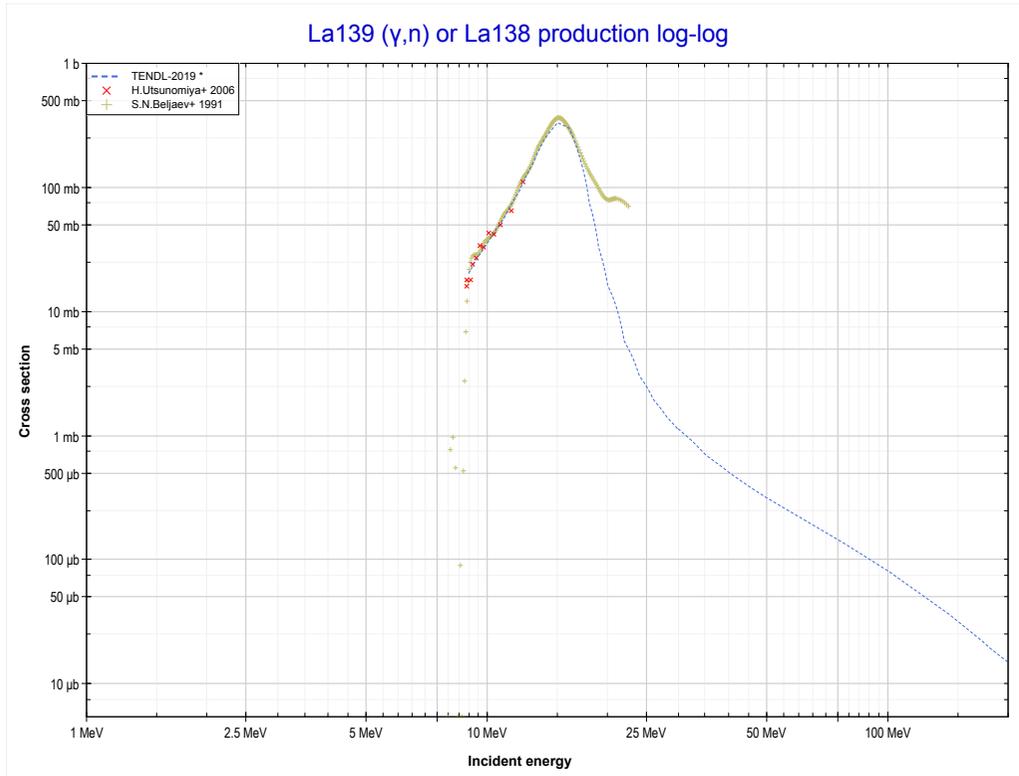
Reaction	Q-Value
Ba138(γ,n)Ba137	-8611.72 keV

<< 55-Cs-133	56-Ba-138	57-La-139 >>
<< MT4 (γ,n)	MT17 ($\gamma,3n$) or MT5 (Ba135 production)	57-La-139 MT4 (γ,n) >>



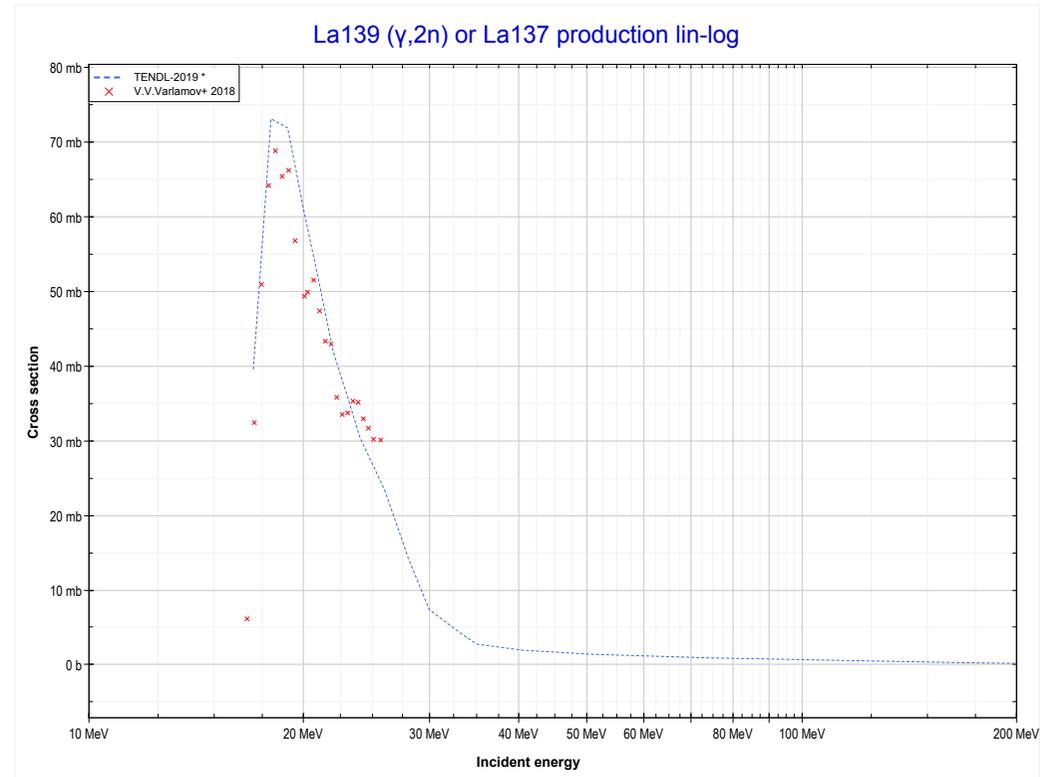
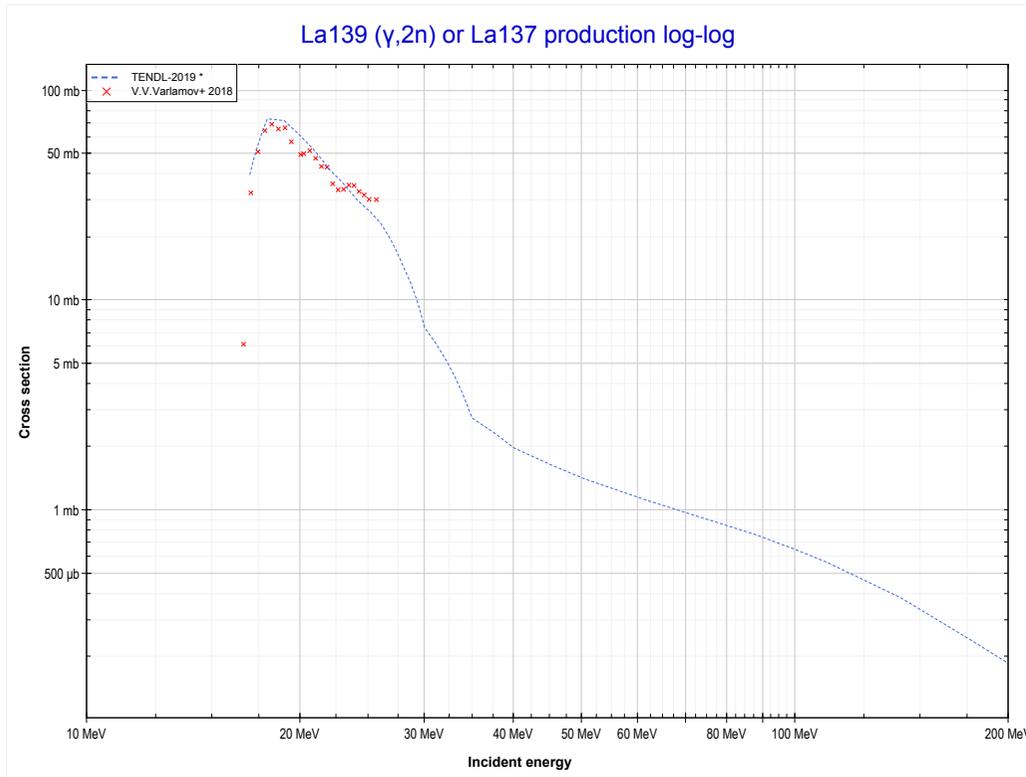
Reaction	Q-Value
Ba138($\gamma,3n$)Ba135	-24625.05 keV

<< 56-Ba-138	57-La-139	58-Ce-140 >>
<< 56-Ba-138 MT17 (γ,3n)	MT4 (γ,n) or MT5 (La138 production)	MT16 (γ,2n) >>



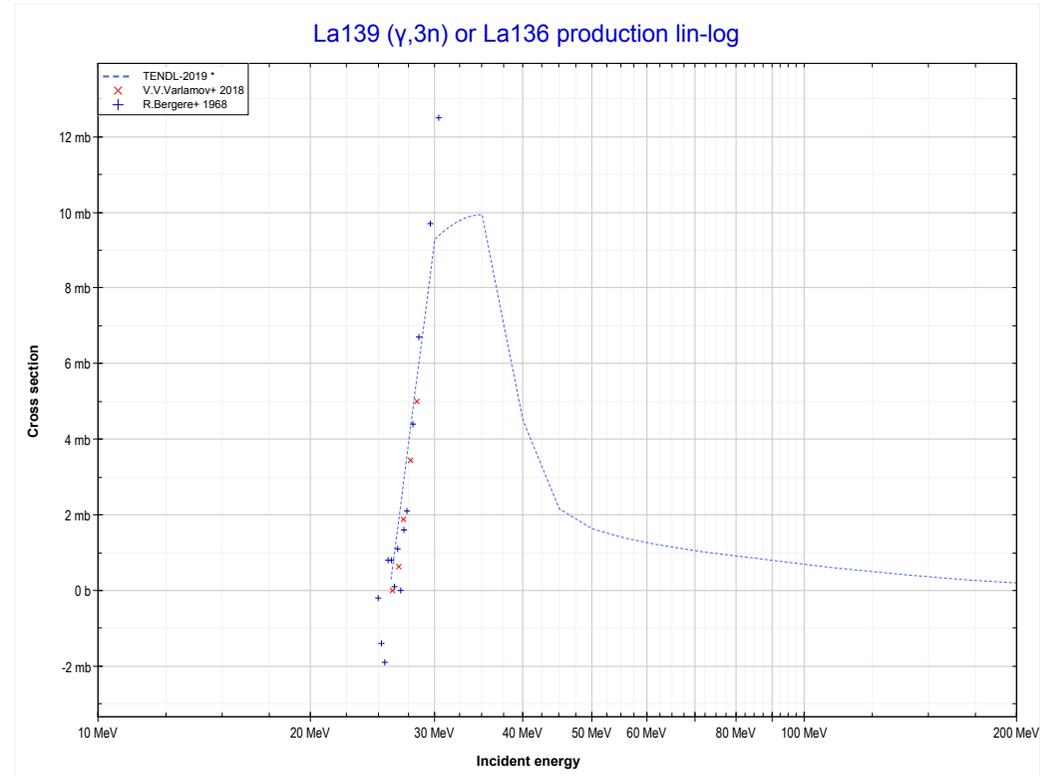
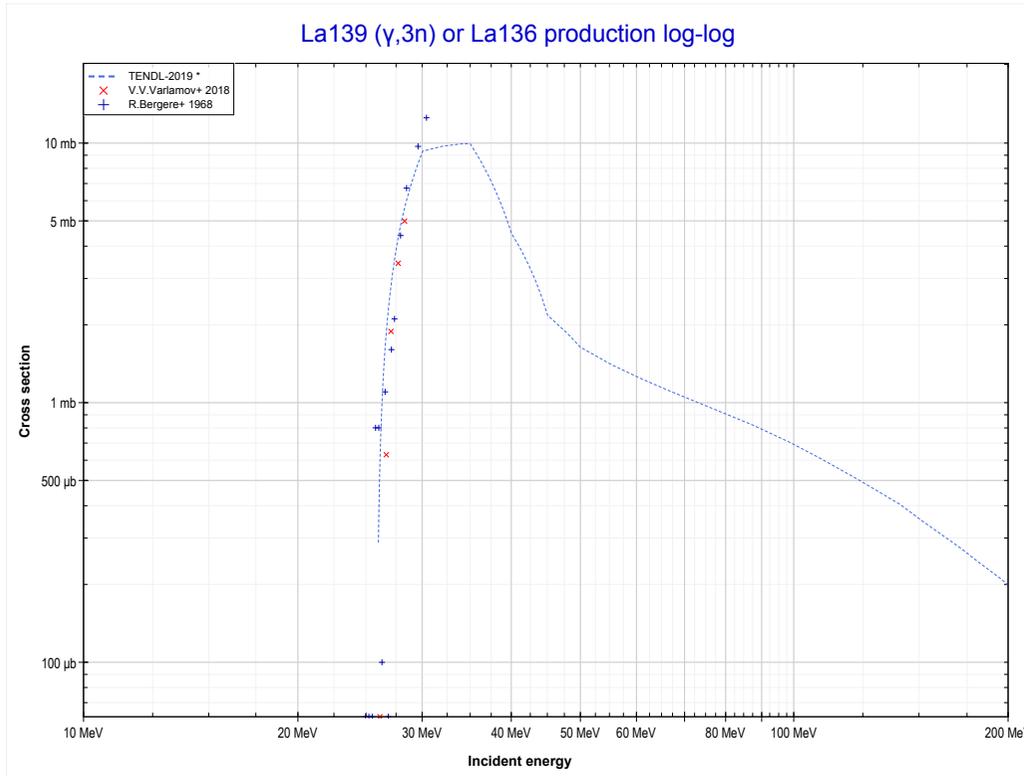
Reaction	Q-Value
La139(γ,n)La138	-8778.52 keV

<< 53-I-127	57-La-139	58-Ce-140 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (La137 production)	MT17 ($\gamma,3n$) >>



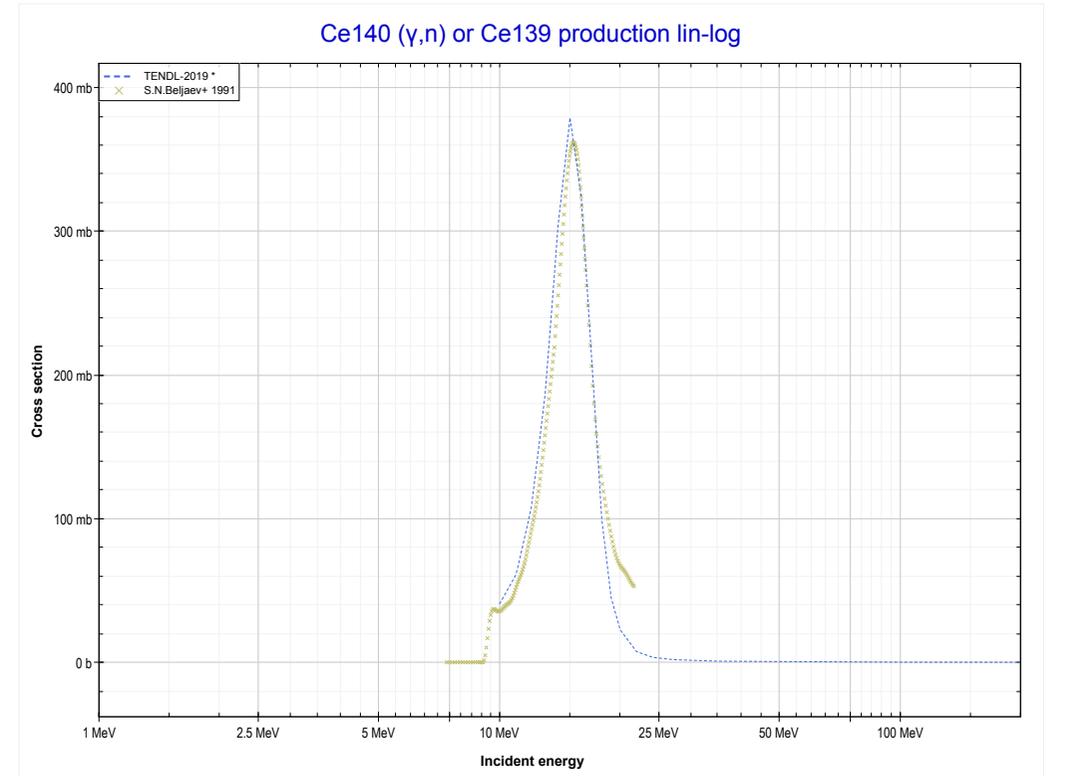
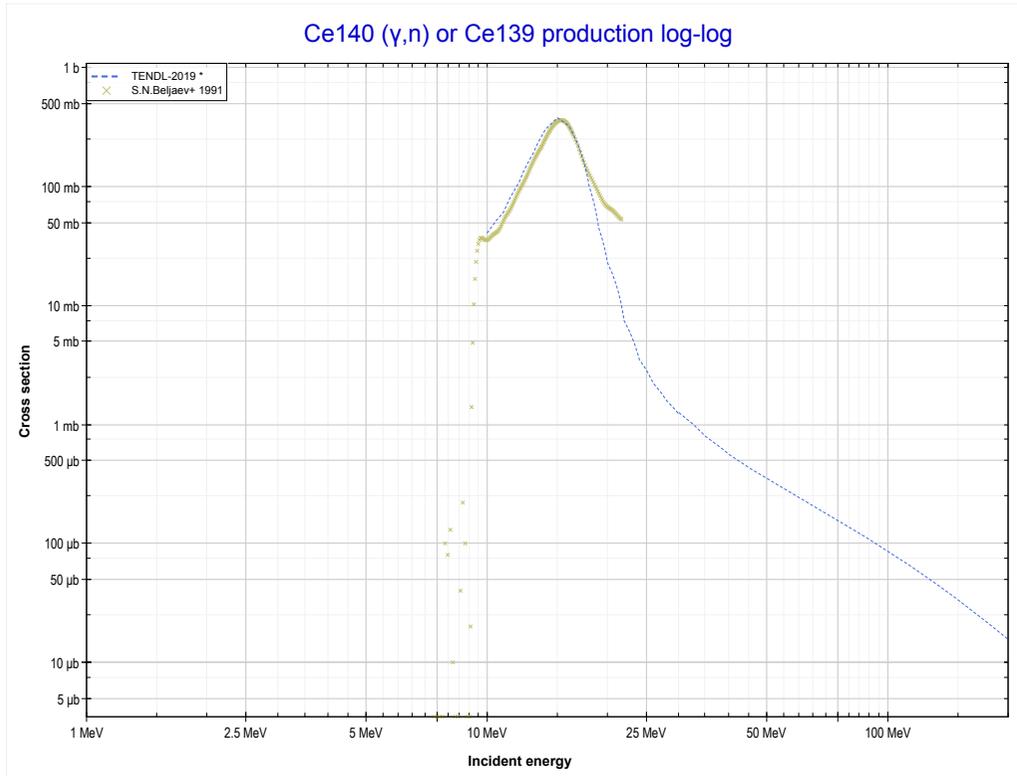
Reaction	Q-Value
La139($\gamma,2n$)La137	-16228.13 keV

<< 56-Ba-138	57-La-139	59-Pr-141 >>
<< MT16 ($\gamma,2n$)	MT17 ($\gamma,3n$) or MT5 (La136 production)	58-Ce-140 MT4 (γ,n) >>



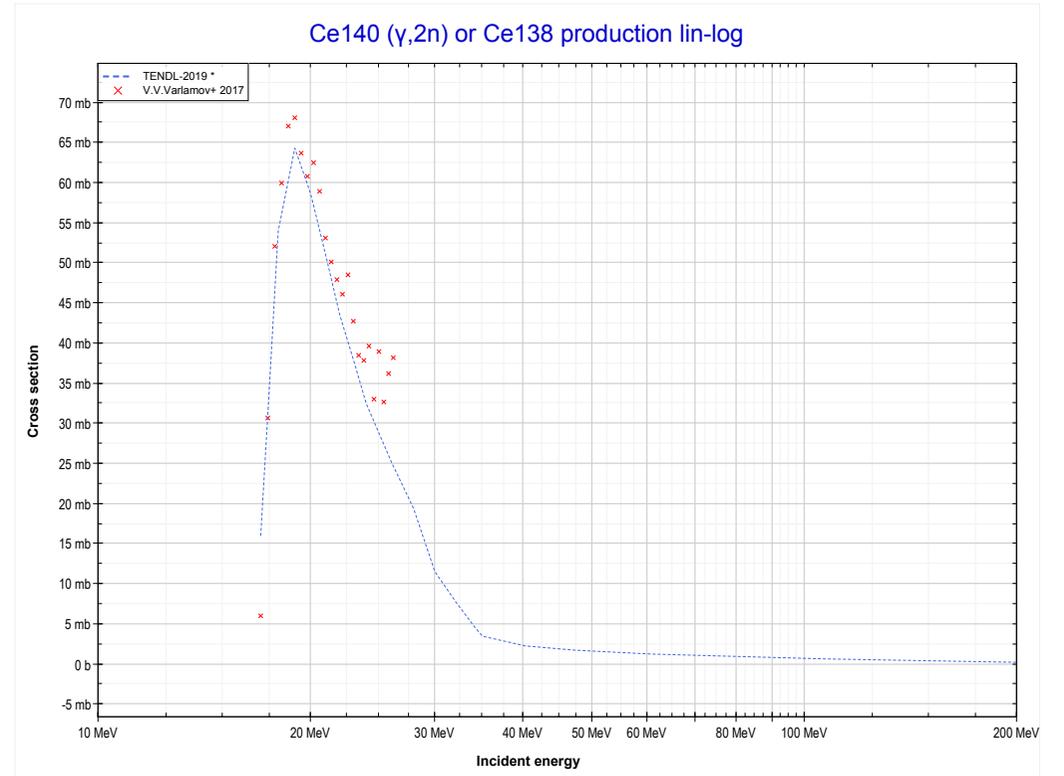
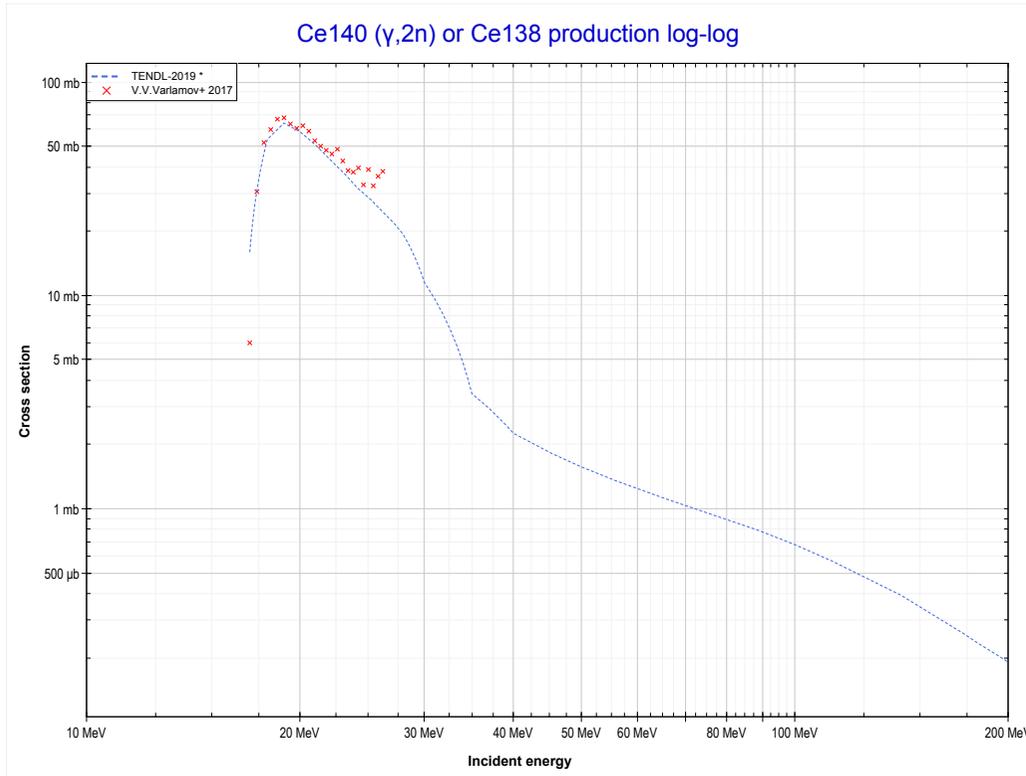
Reaction	Q-Value
La139($\gamma,3n$)La136	-25400.15 keV

<< 57-La-139	58-Ce-140	58-Ce-142 >>
<< 57-La-139 MT17 ($\gamma,3n$)	MT4 (γ,n) or MT5 (Ce139 production)	MT16 ($\gamma,2n$) >>



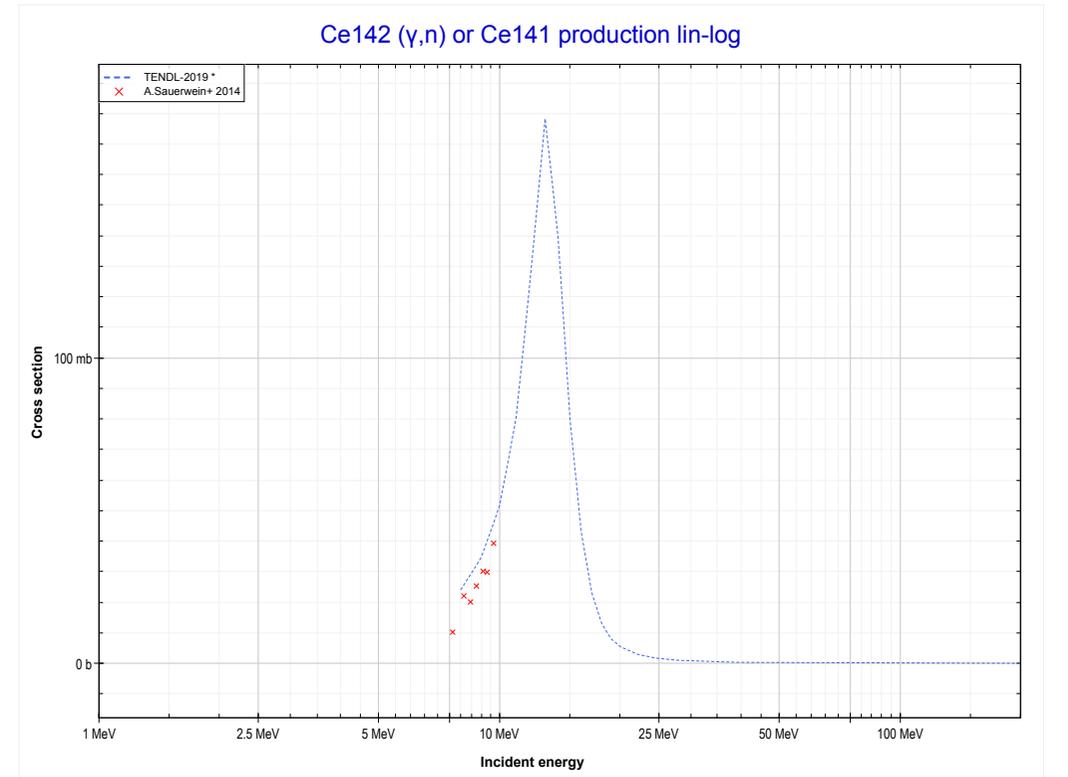
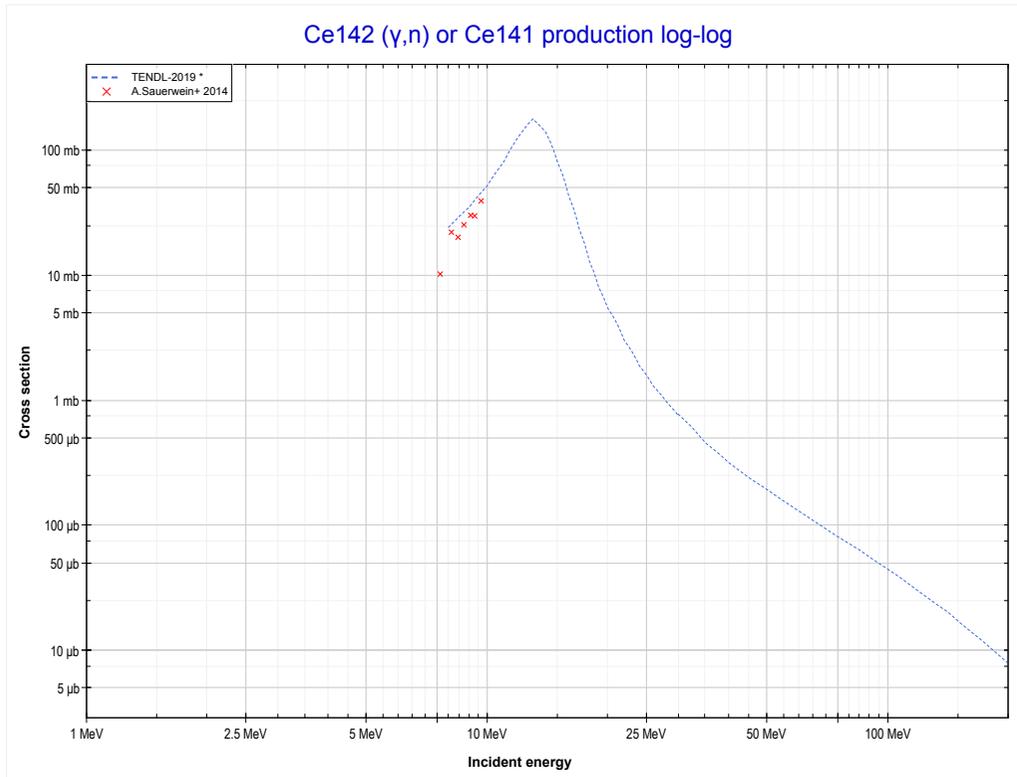
Reaction	Q-Value
Ce140(γ,n)Ce139	-9199.42 keV

<< 57-La-139	58-Ce-140	58-Ce-142 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Ce138 production)	58-Ce-142 MT4 (γ,n) >>



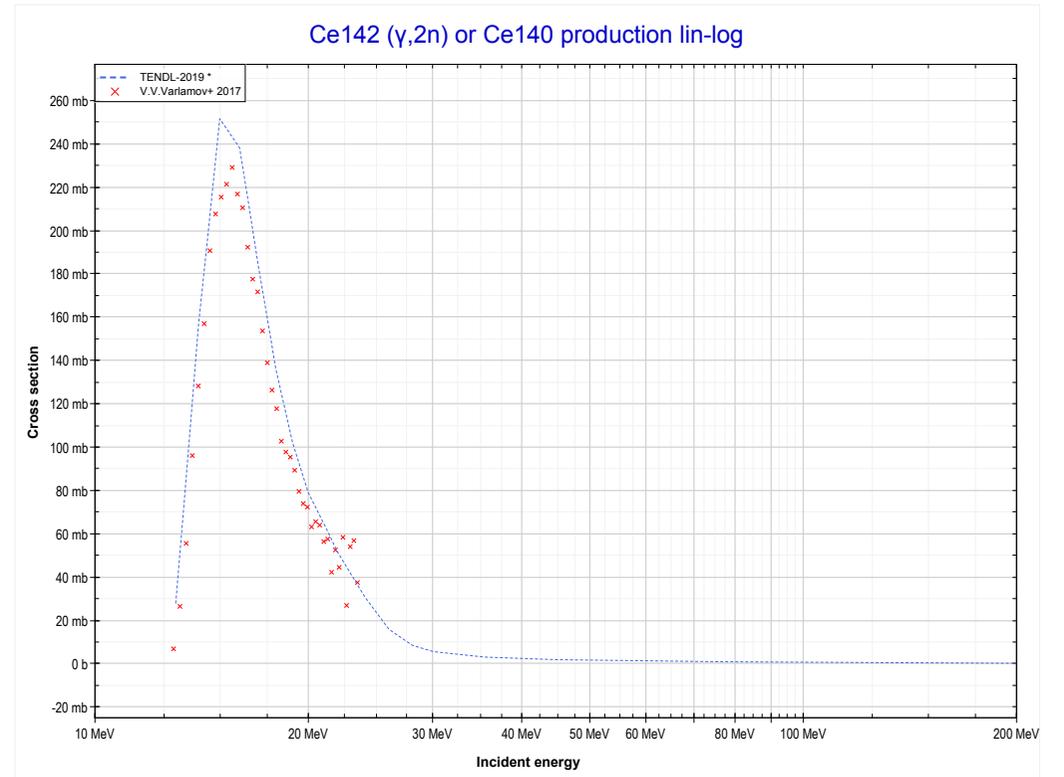
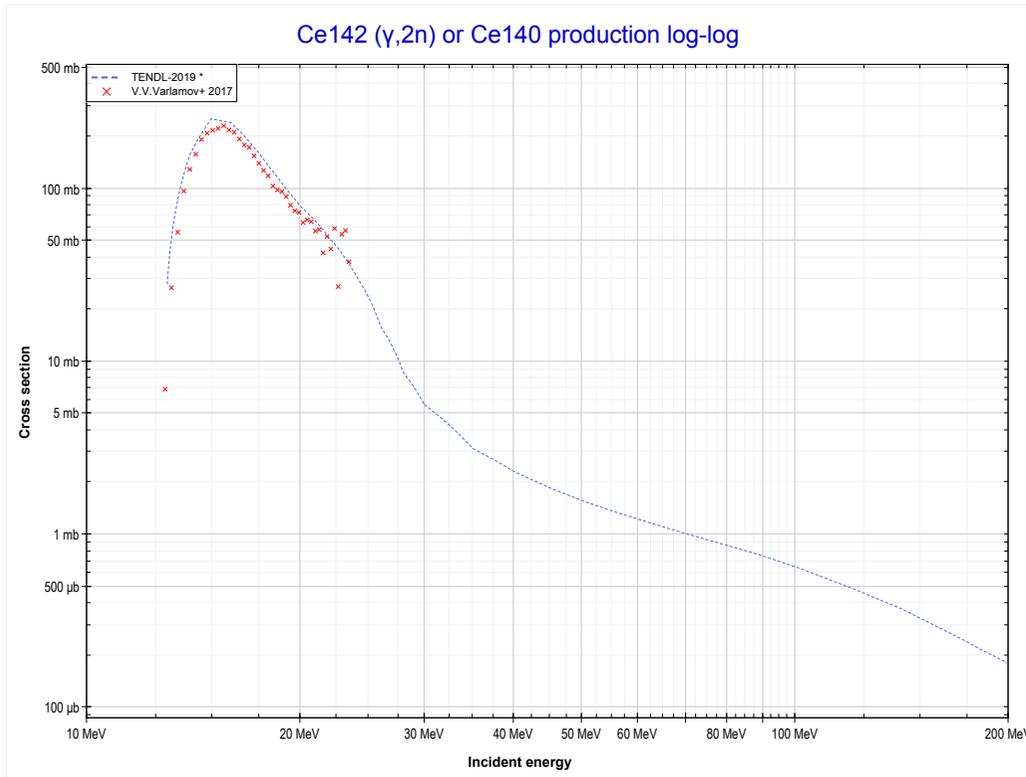
Reaction	Q-Value
Ce140($\gamma,2n$)Ce138	-16647.73 keV

<< 58-Ce-140	58-Ce-142	59-Pr-141 >>
<< 58-Ce-140 MT16 ($\gamma,2n$)	MT4 (γ,n) or MT5 (Ce141 production)	MT16 ($\gamma,2n$) >>



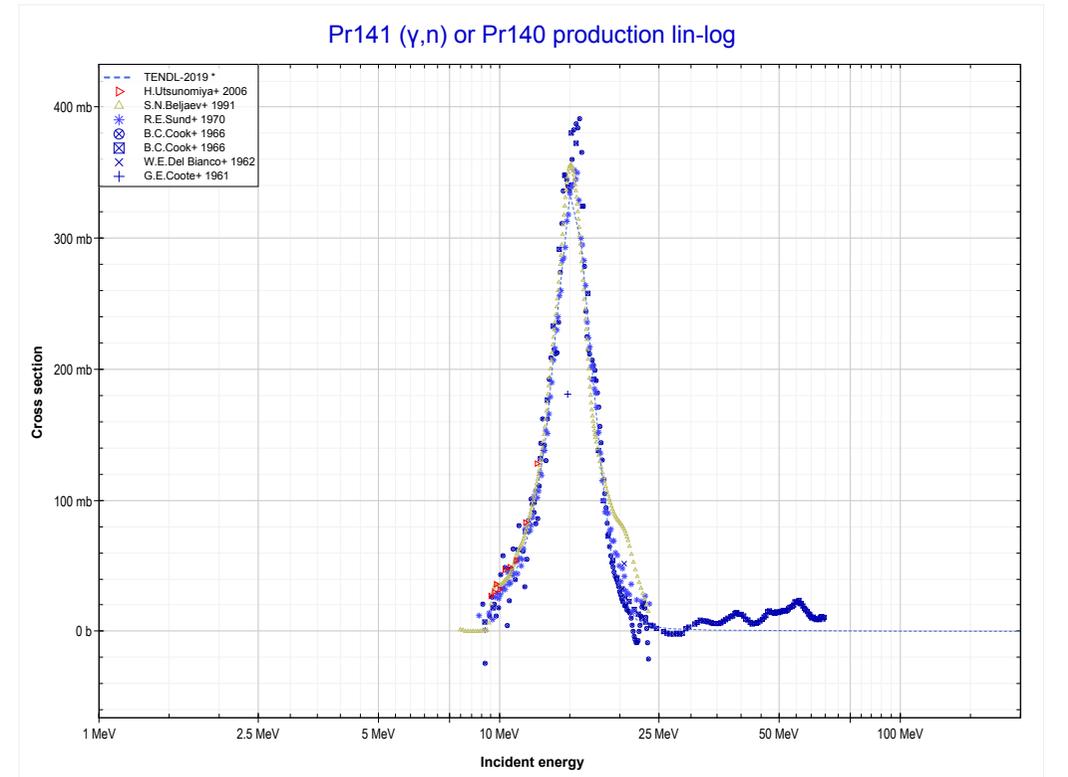
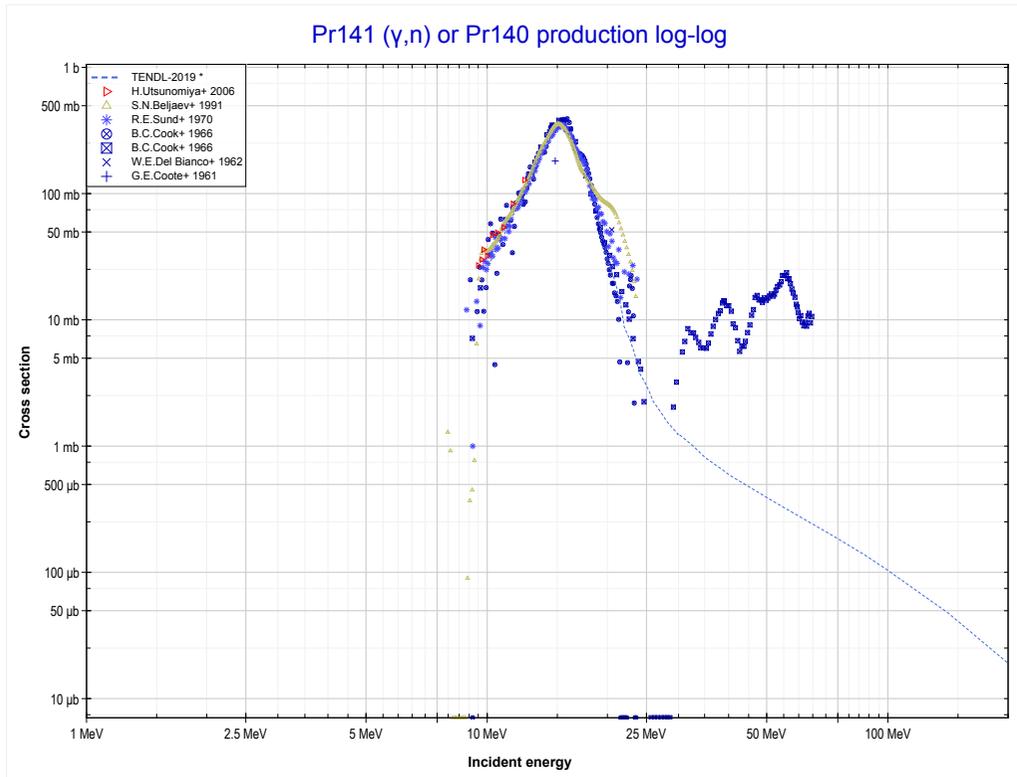
Reaction	Q-Value
Ce142(γ,n)Ce141	-7171.62 keV

<< 58-Ce-140	58-Ce-142	60-Nd-142 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Ce140 production)	59-Pr-141 MT4 (γ,n) >>



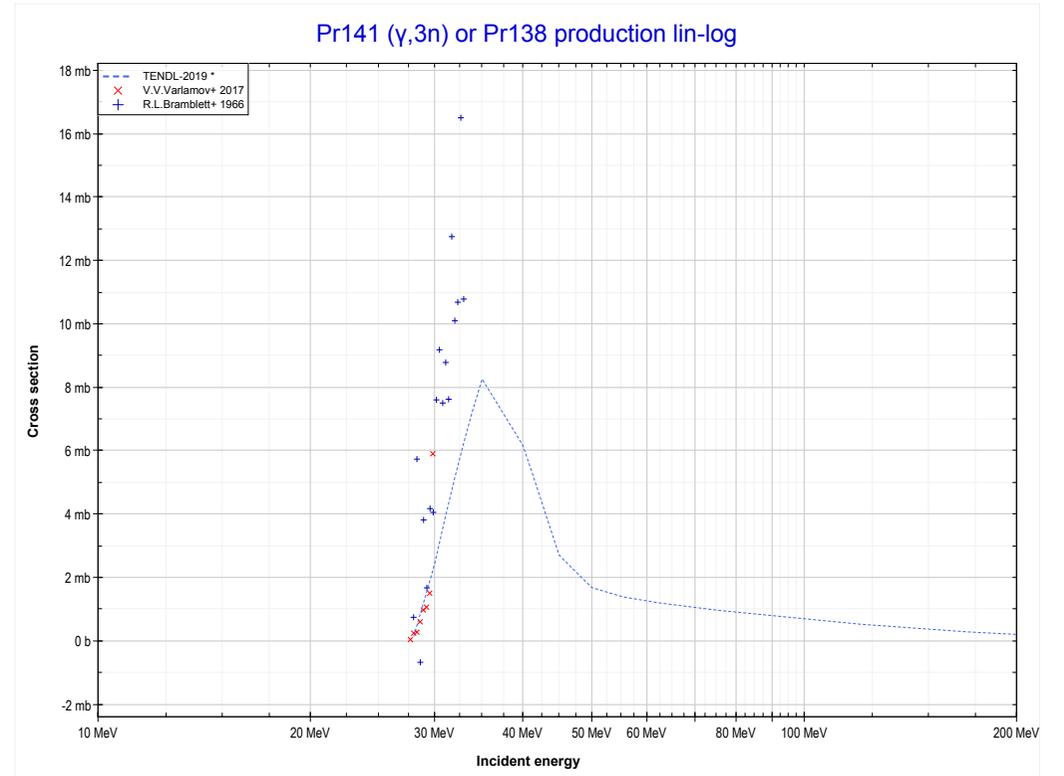
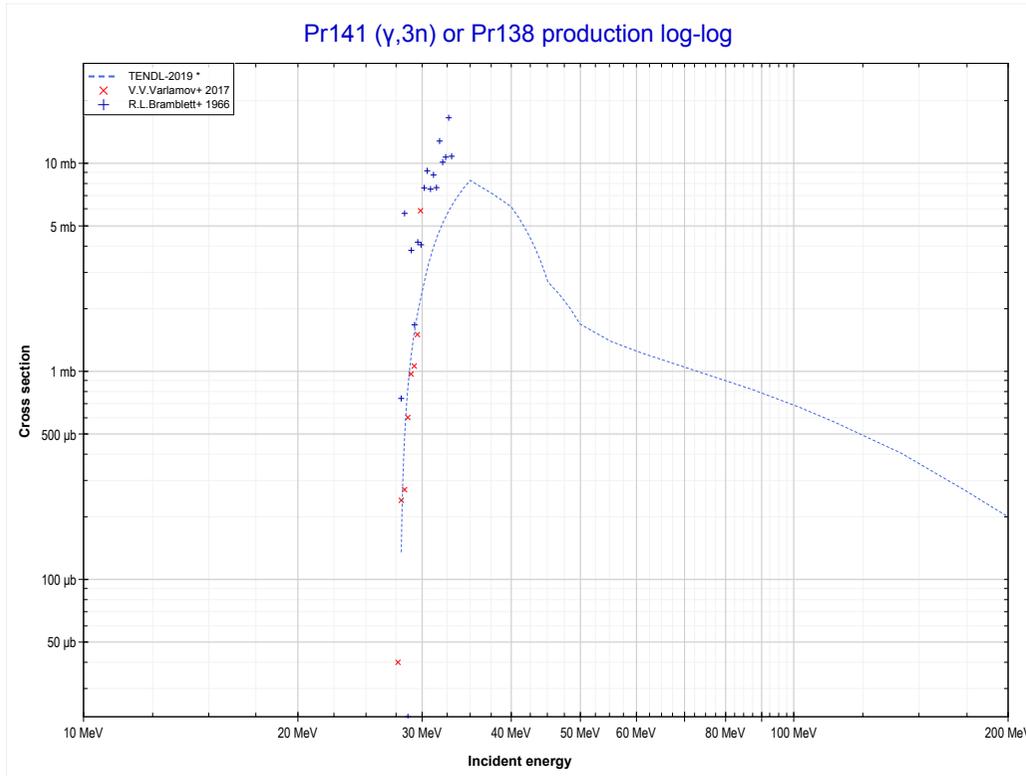
Reaction	Q-Value
Ce142($\gamma,2n$)Ce140	-12599.73 keV

<< 58-Ce-142	59-Pr-141	60-Nd-142 >>
<< 58-Ce-142 MT16 ($\gamma,2n$)	MT4 (γ,n) or MT5 (Pr140 production)	MT17 ($\gamma,3n$) >>



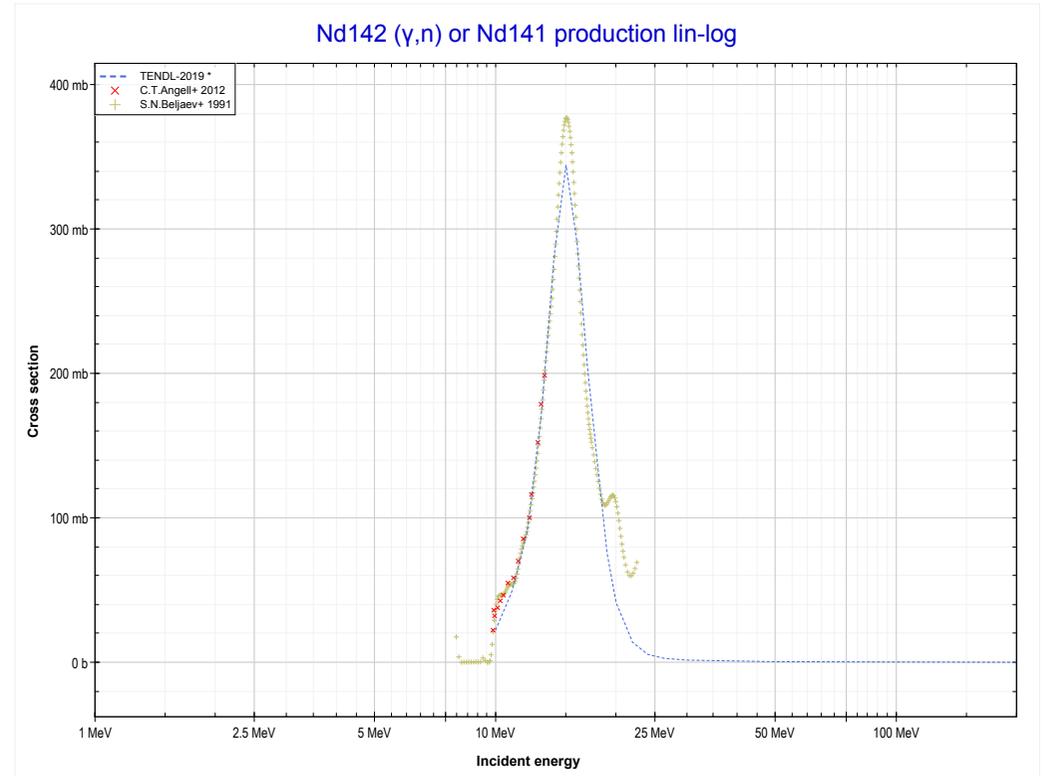
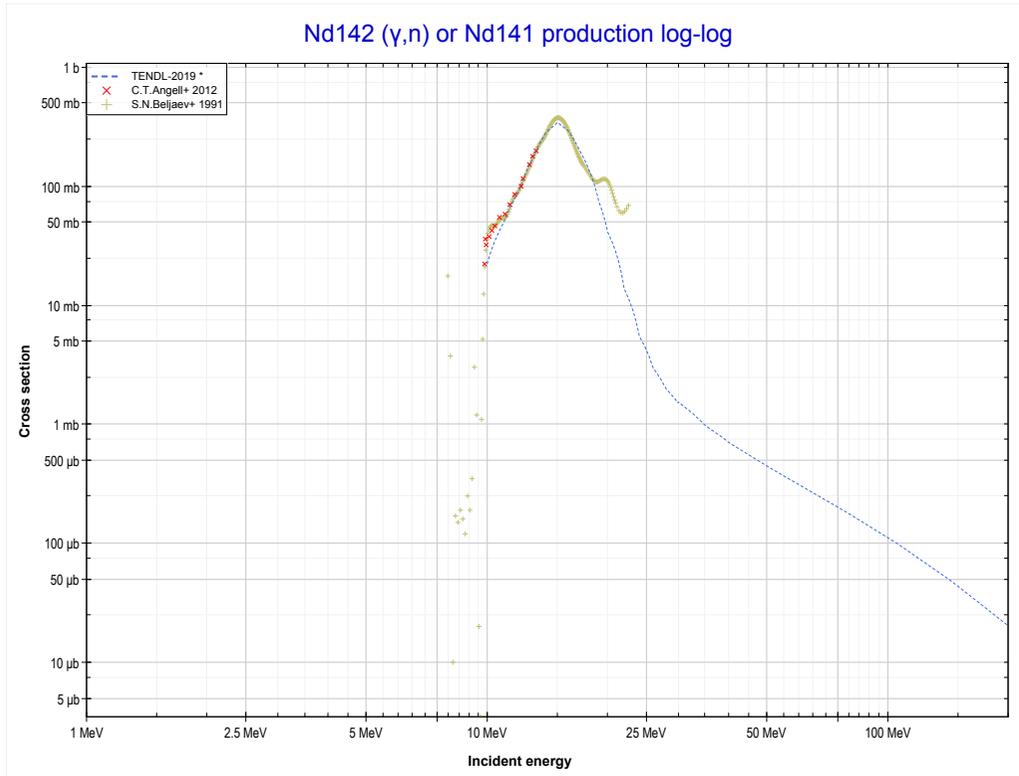
Reaction	Q-Value
Pr141(γ,n)Pr140	-9398.92 keV

<< 57-La-139	59-Pr-141	63-Eu-153 >>
<< MT4 (γ,n)	MT17 ($\gamma,3n$) or MT5 (Pr138 production)	60-Nd-142 MT4 (γ,n) >>



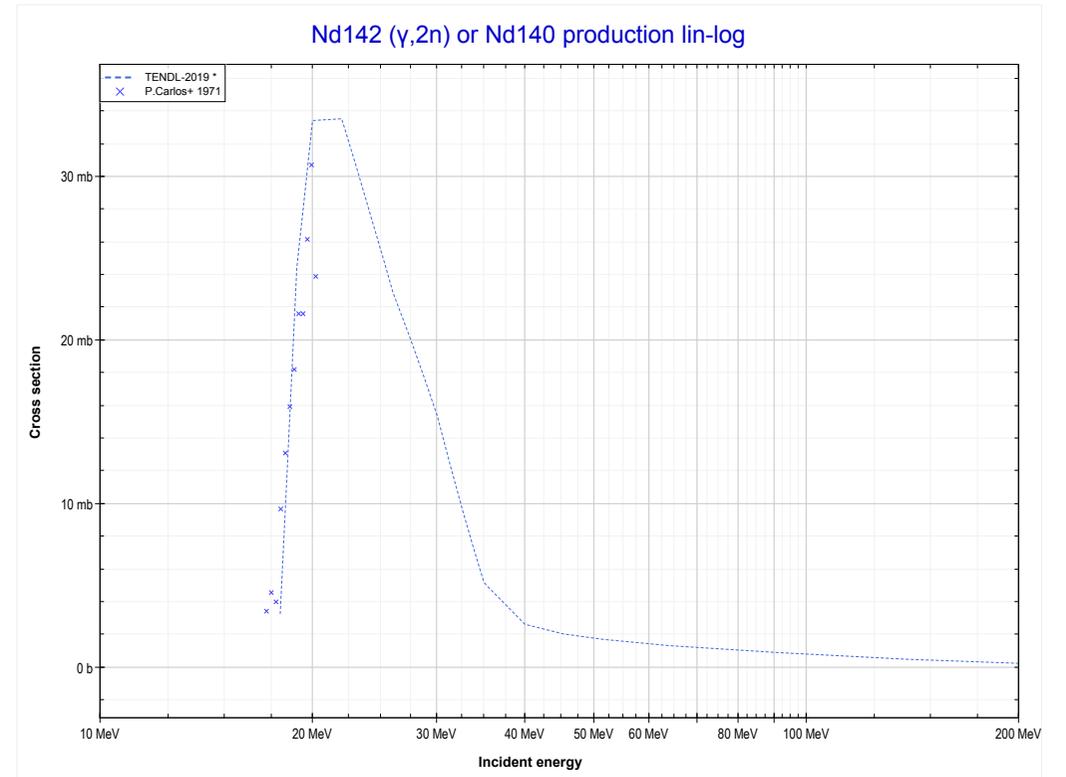
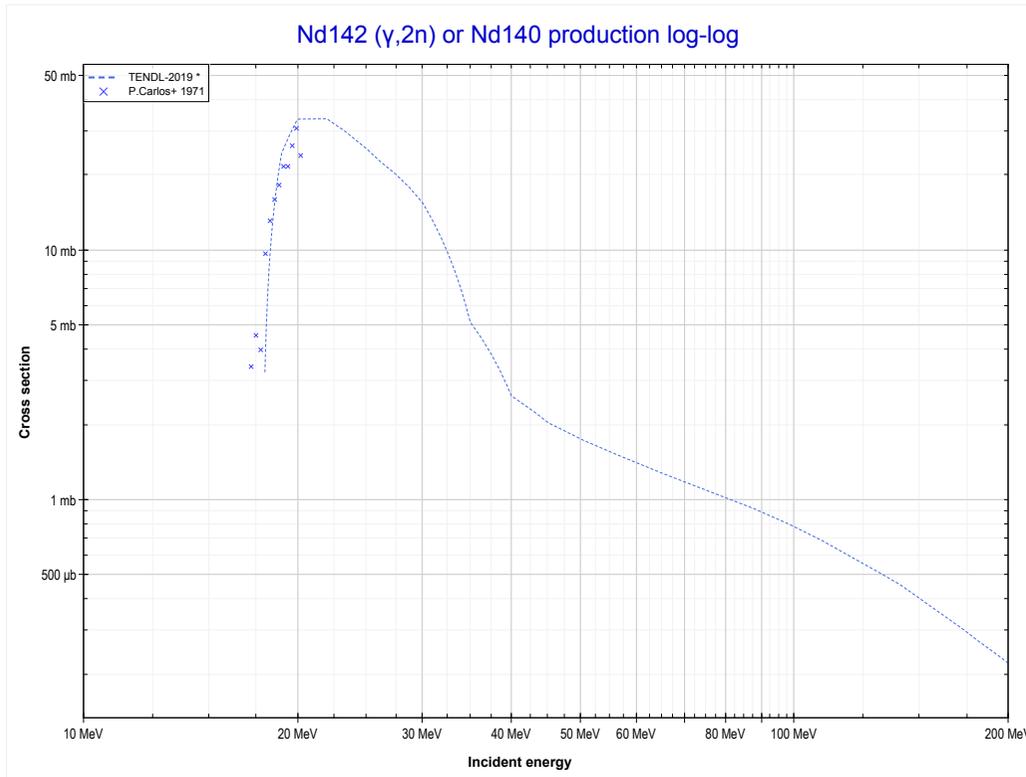
Reaction	Q-Value
Pr141($\gamma,3n$)Pr138	-27095.55 keV

<< 59-Pr-141	60-Nd-142	60-Nd-143 >>
<< 59-Pr-141 MT17 ($\gamma,3n$)	MT4 (γ,n) or MT5 (Nd141 production)	MT16 ($\gamma,2n$) >>



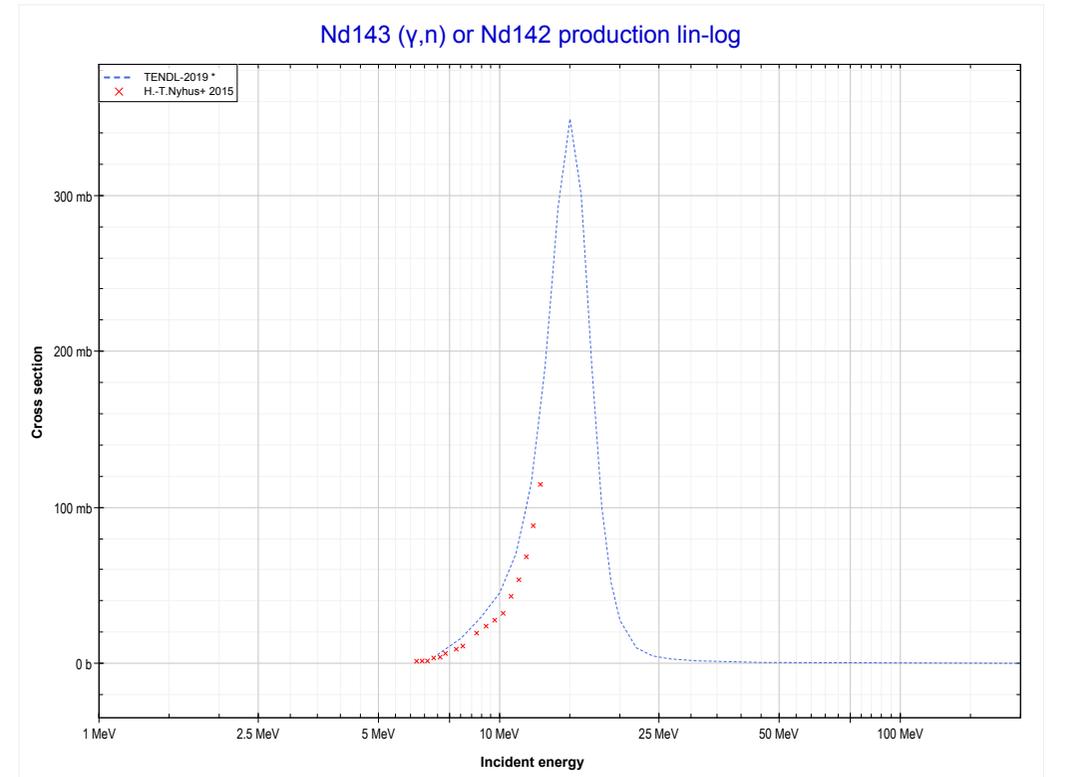
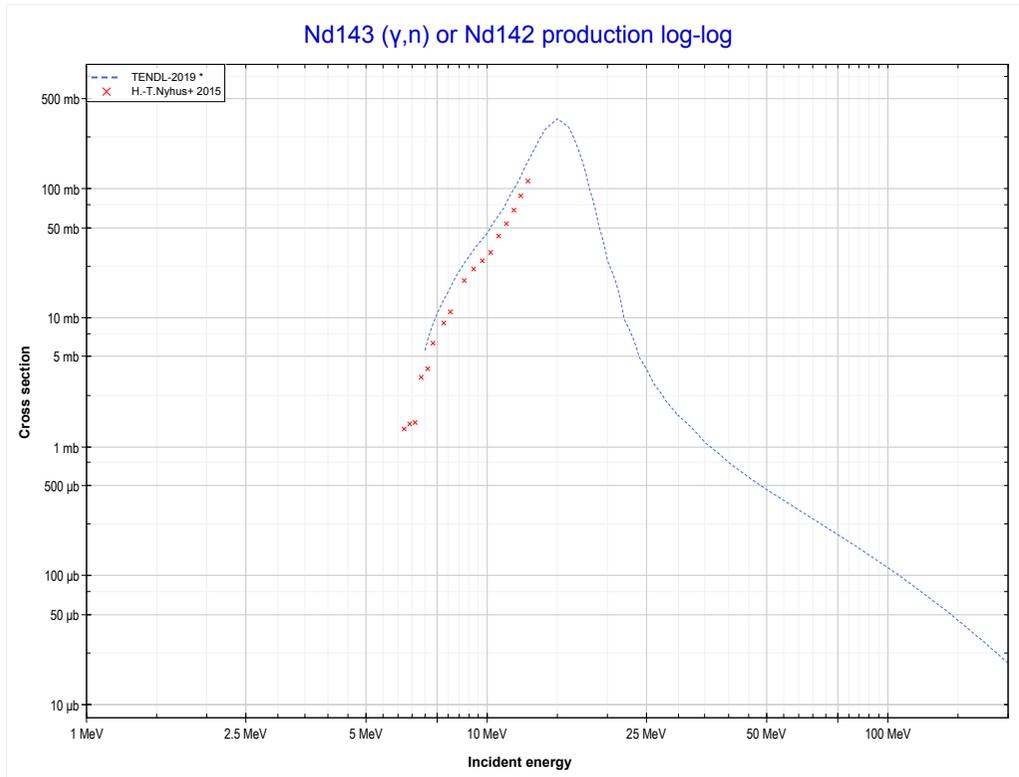
Reaction	Q-Value
Nd142(γ,n)Nd141	-9828.32 keV

<< 58-Ce-142	60-Nd-142	60-Nd-143 >>
<< MT4 (γ, n)	MT16 ($\gamma, 2n$) or MT5 (Nd140 production)	60-Nd-143 MT4 (γ, n) >>



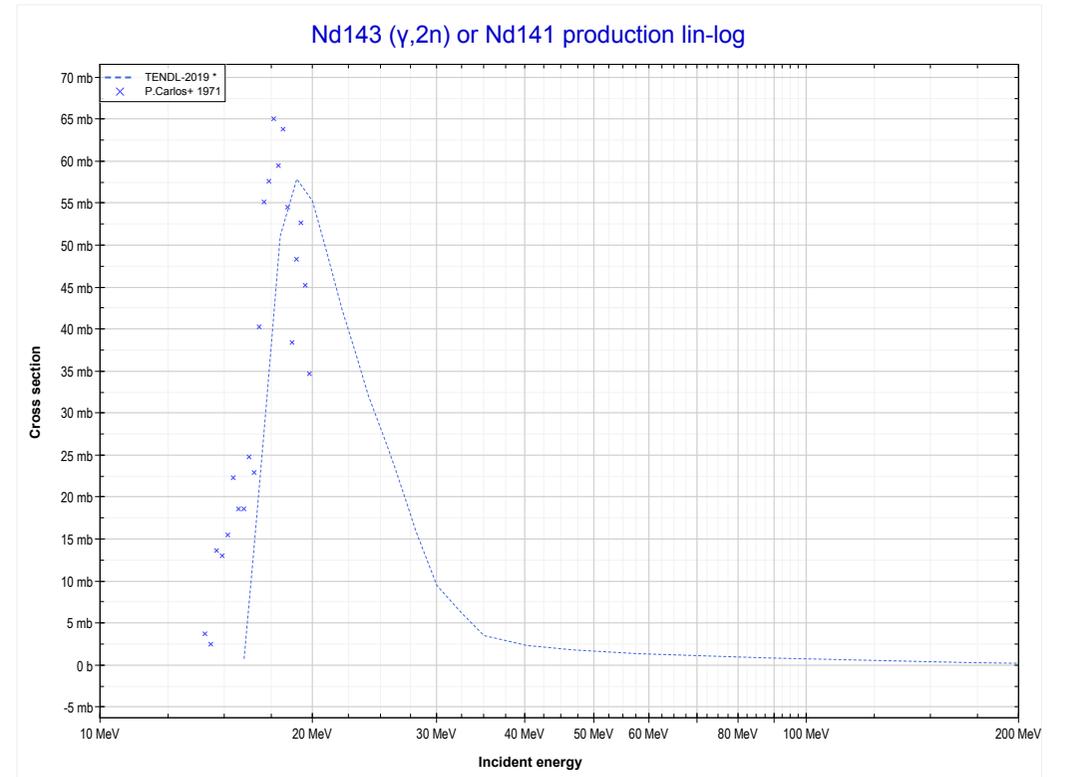
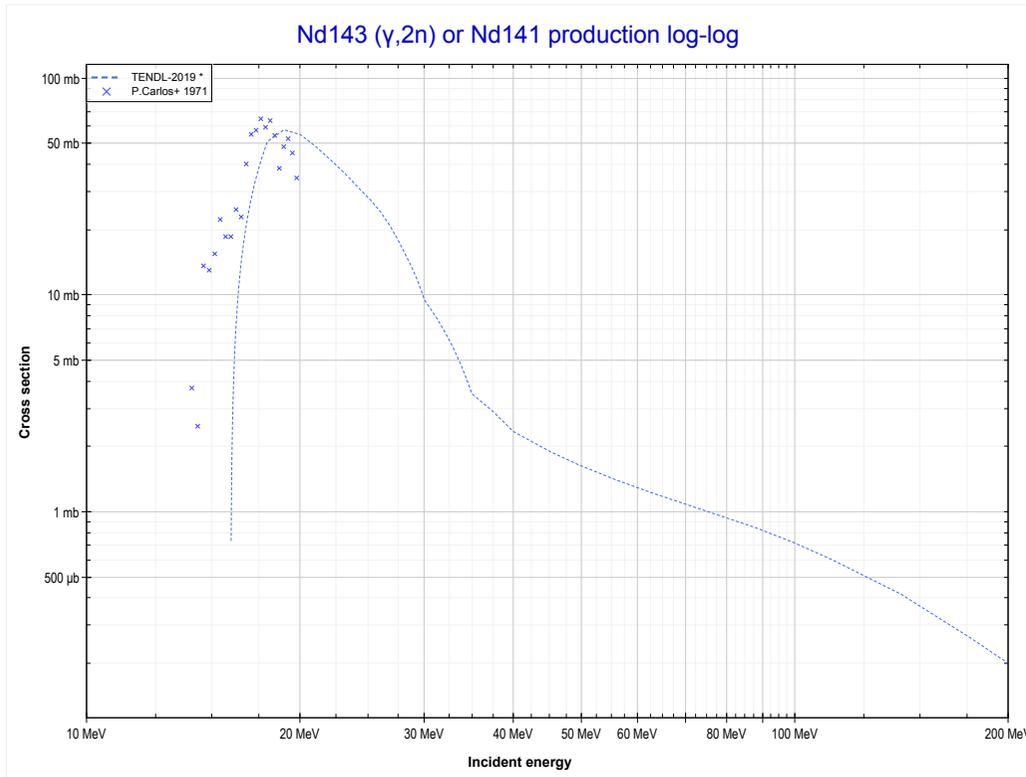
Reaction	Q-Value
Nd142($\gamma, 2n$)Nd140	-17833.63 keV

<< 60-Nd-142	60-Nd-143	60-Nd-144 >>
<< 60-Nd-142 MT16 (γ,2n)	MT4 (γ,n) or MT5 (Nd142 production)	MT16 (γ,2n) >>



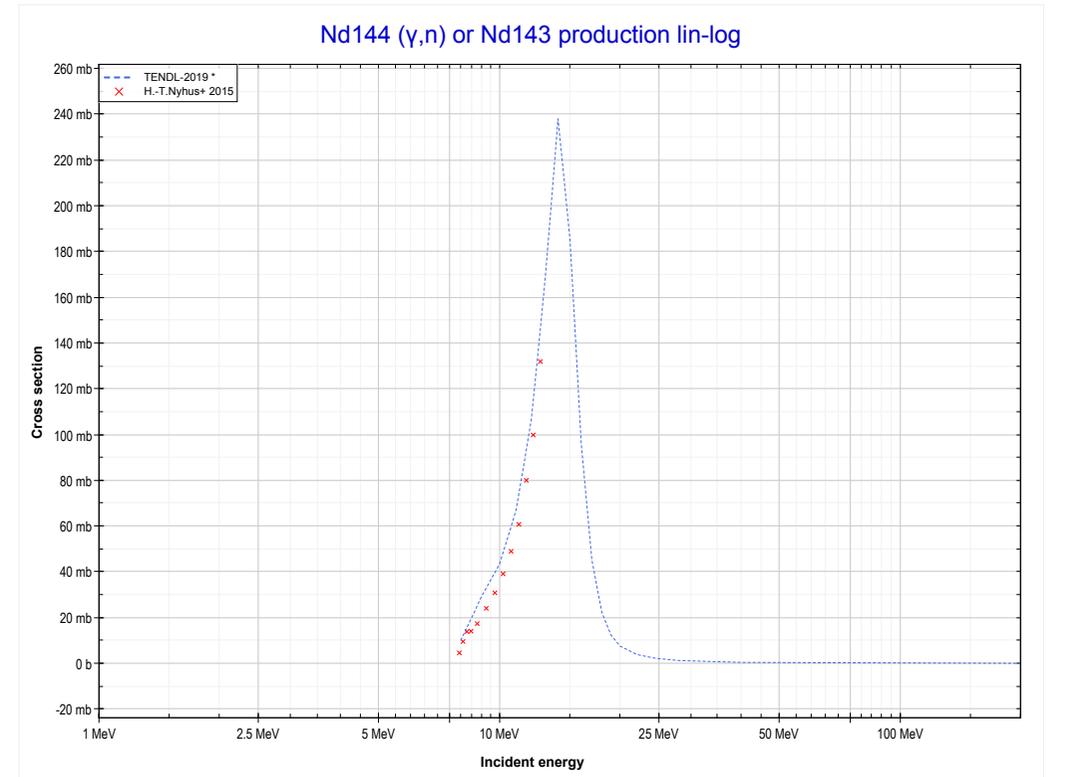
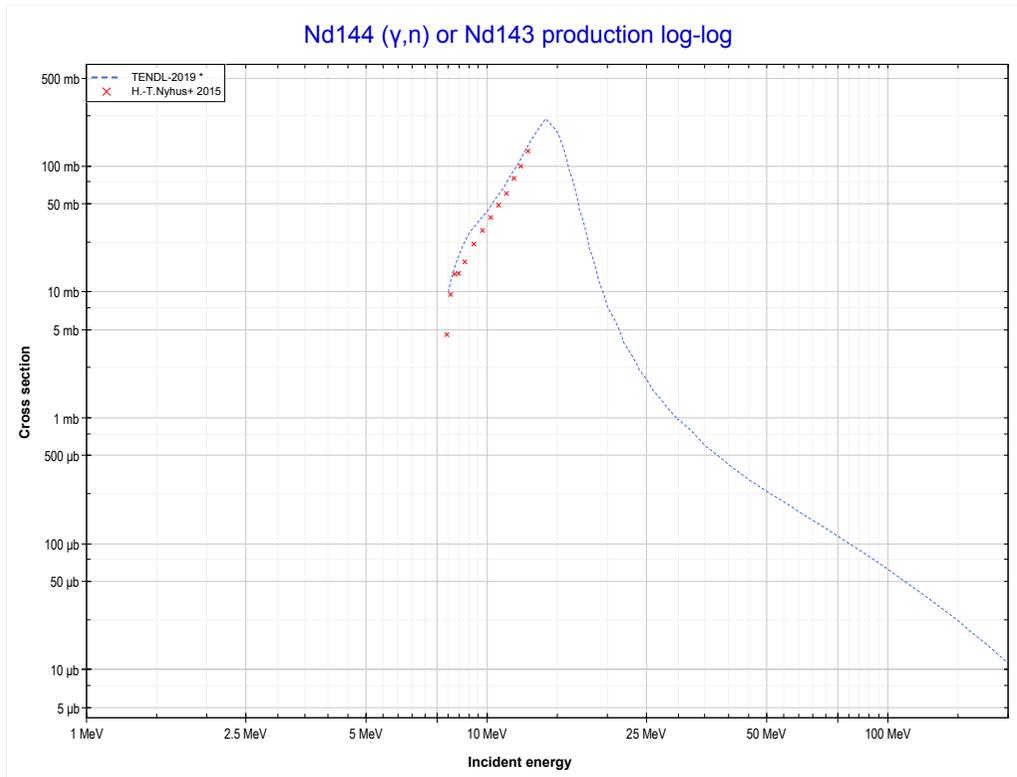
Reaction	Q-Value
Nd143(γ,n)Nd142	-6123.52 keV

<< 60-Nd-142	60-Nd-143	60-Nd-144 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Nd141 production)	60-Nd-144 MT4 (γ,n) >>



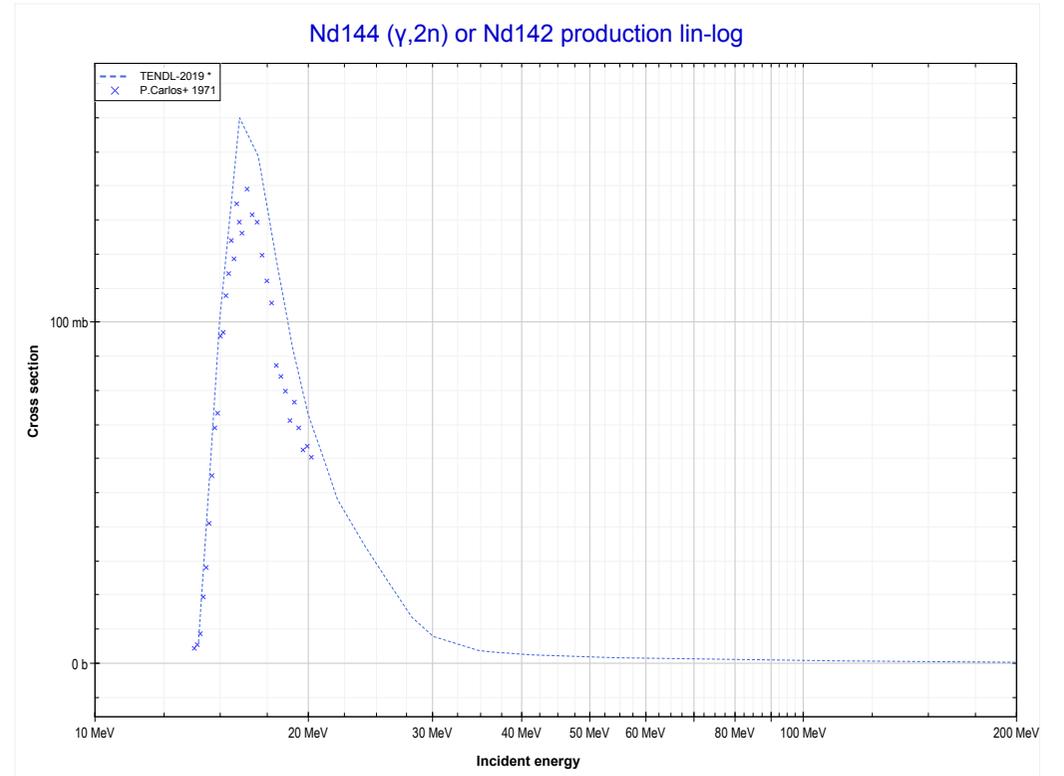
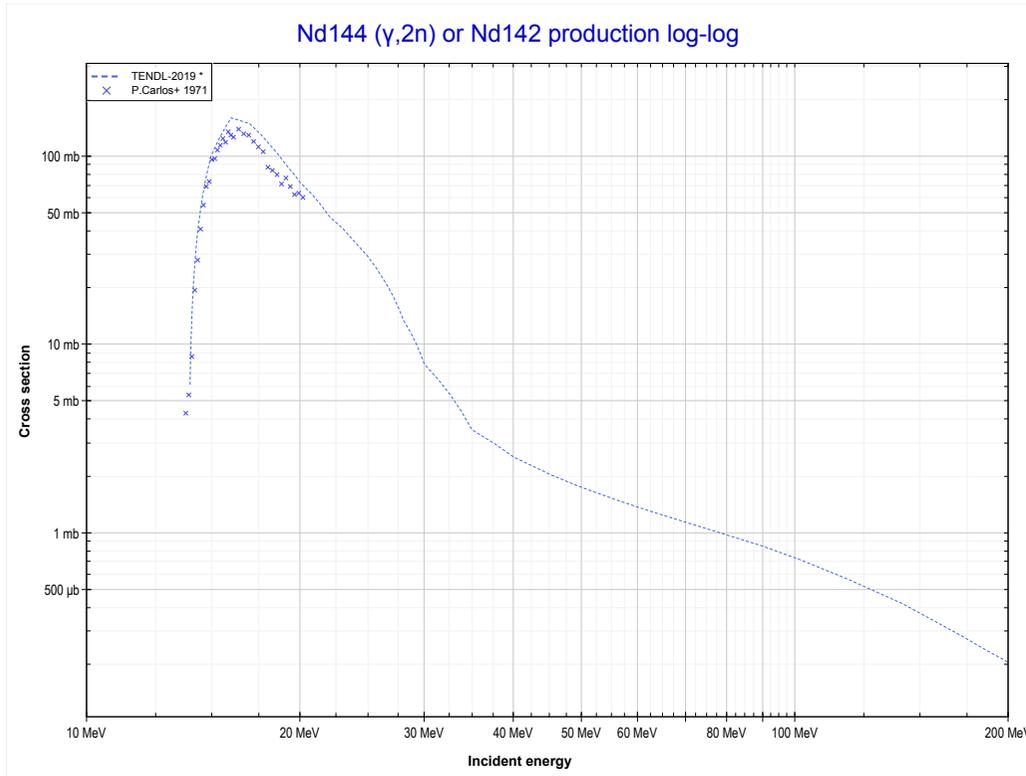
Reaction	Q-Value
Nd143($\gamma,2n$)Nd141	-15951.83 keV

<< 60-Nd-143	60-Nd-144	60-Nd-145 >>
<< 60-Nd-143 MT16 ($\gamma,2n$)	MT4 (γ,n) or MT5 (Nd143 production)	MT16 ($\gamma,2n$) >>



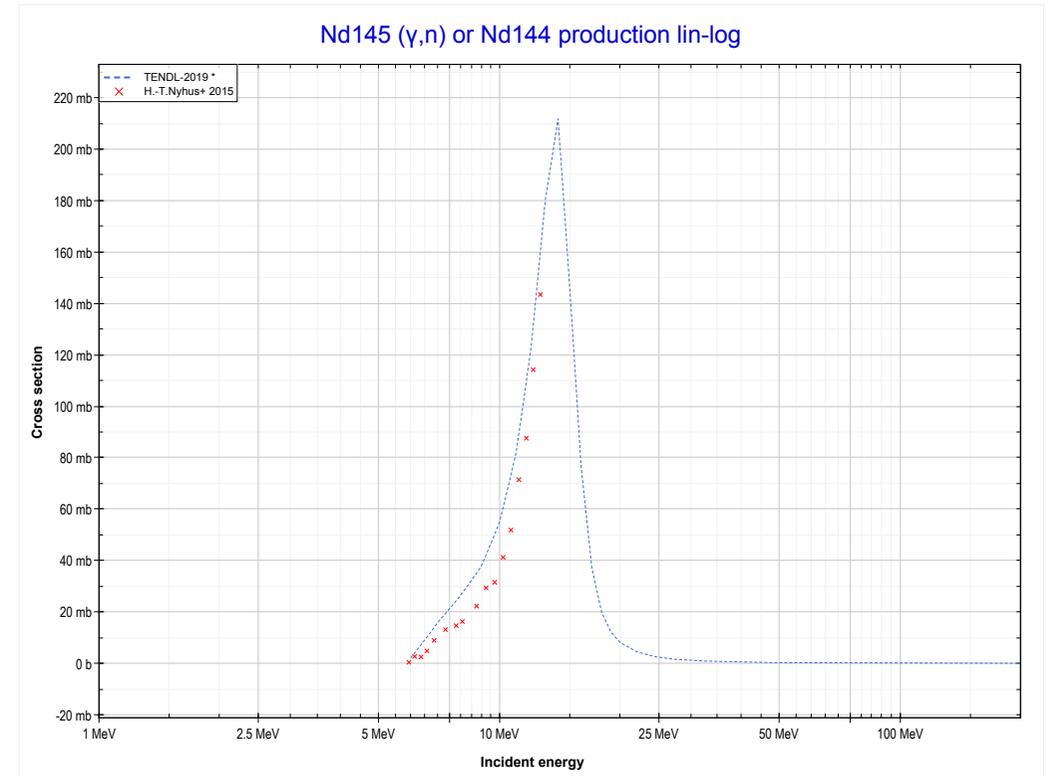
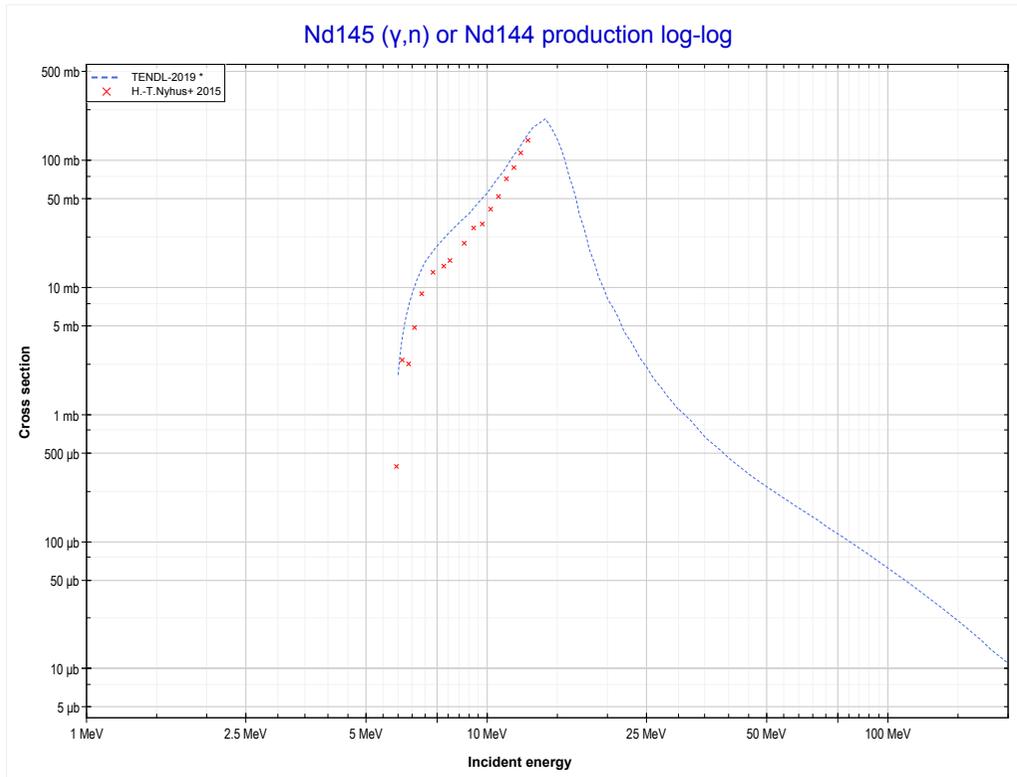
Reaction	Q-Value
Nd144(γ,n)Nd143	-7817.12 keV

<< 60-Nd-143	60-Nd-144	60-Nd-145 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Nd142 production)	60-Nd-145 MT4 (γ,n) >>



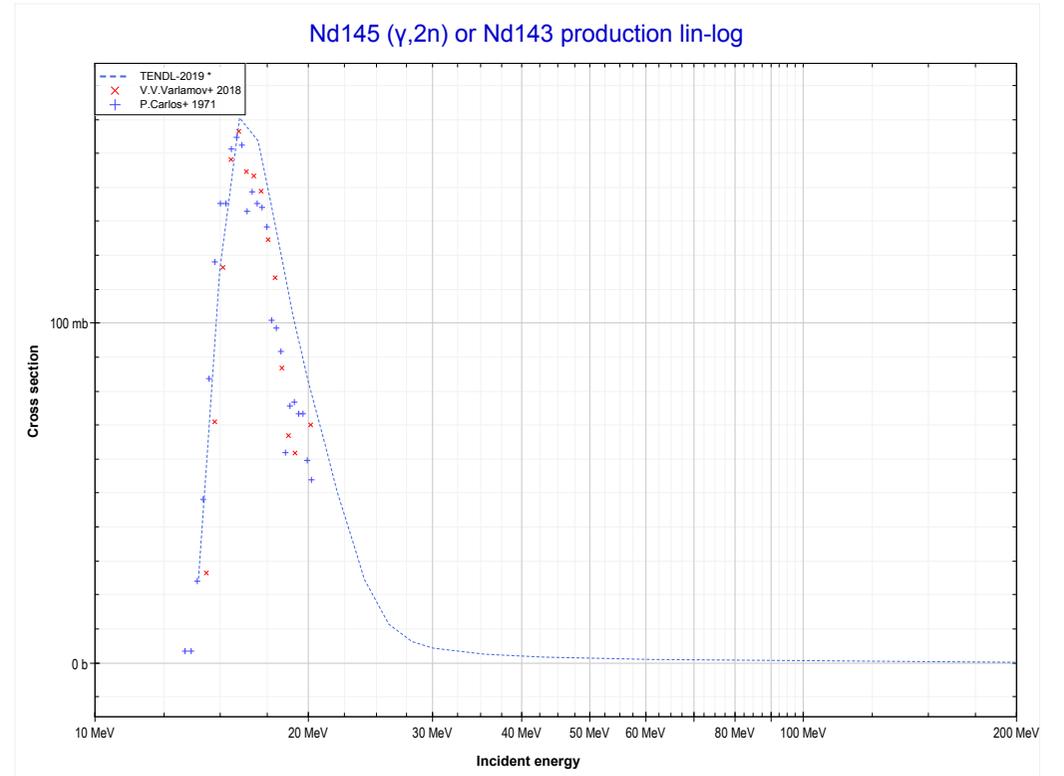
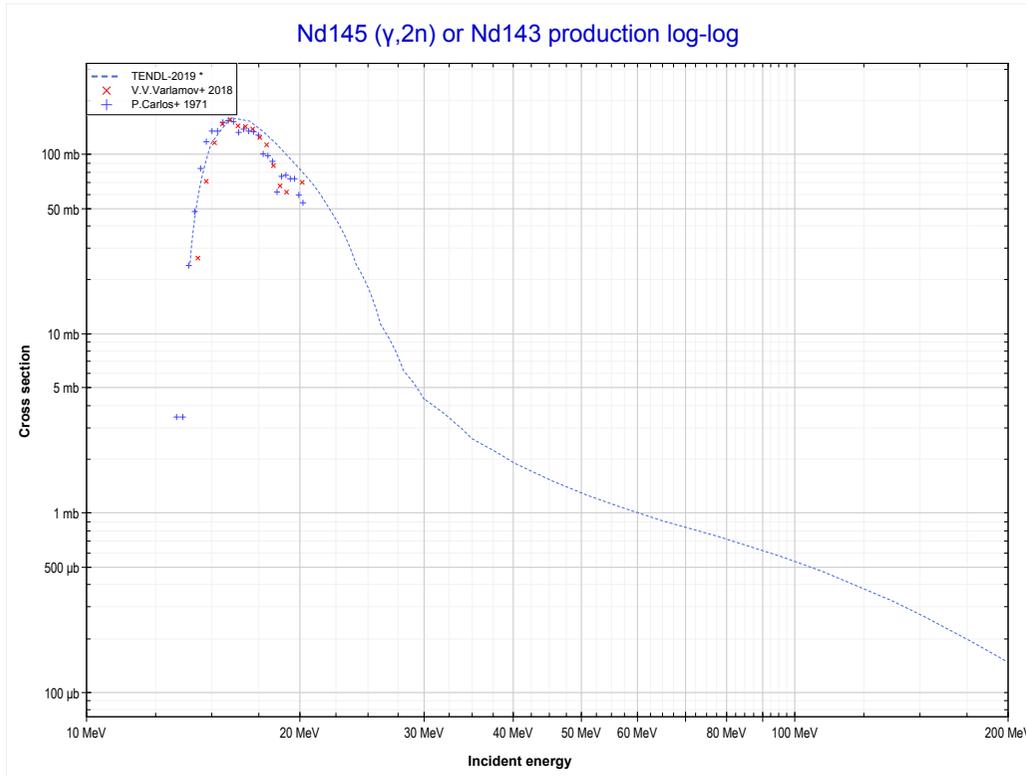
Reaction	Q-Value
Nd144($\gamma,2n$)Nd142	-13940.63 keV

<< 60-Nd-144	60-Nd-145	60-Nd-146 >>
<< 60-Nd-144 MT16 ($\gamma,2n$)	MT4 (γ,n) or MT5 (Nd144 production)	MT16 ($\gamma,2n$) >>



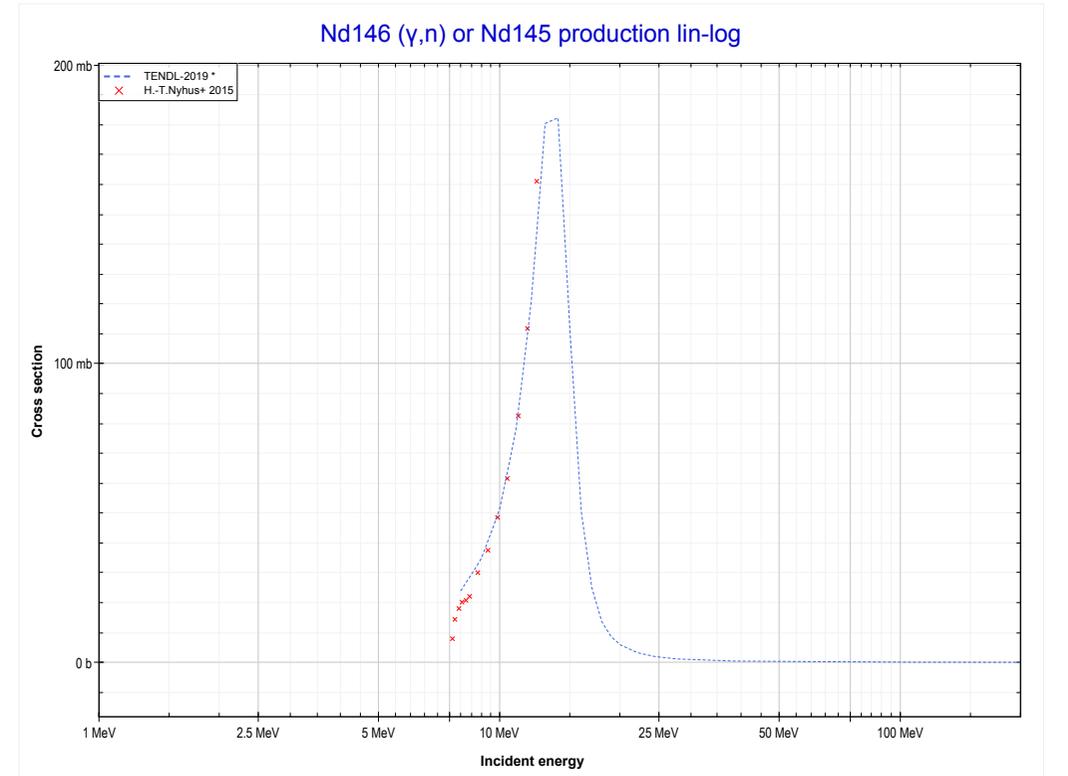
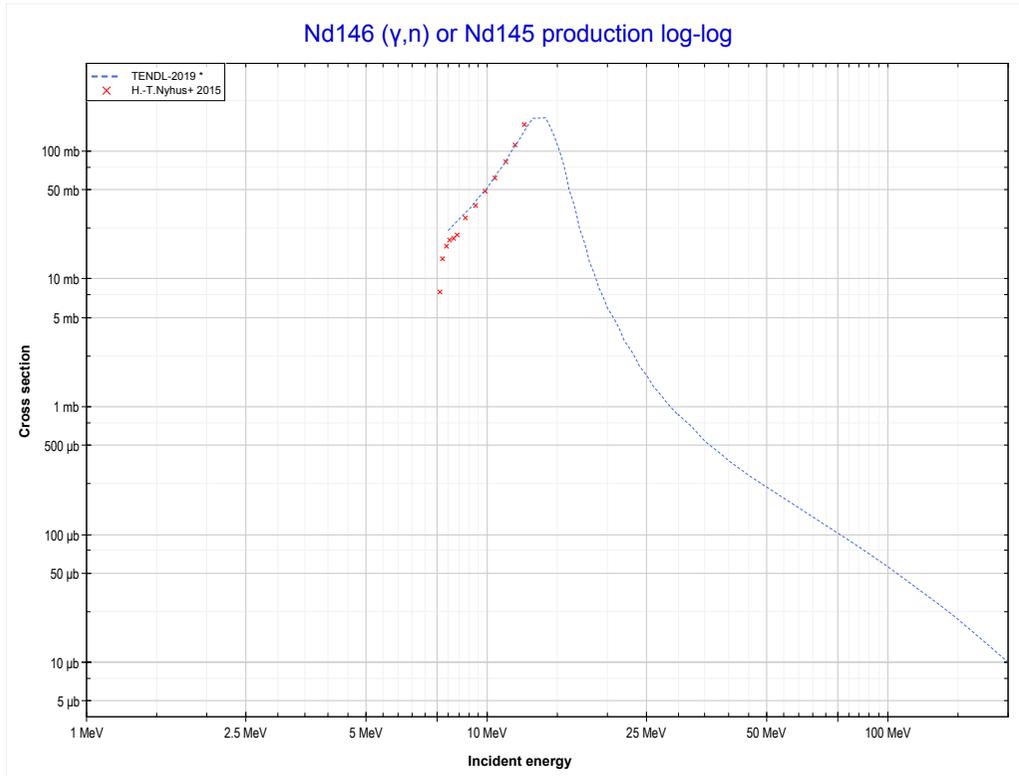
Reaction	Q-Value
Nd145(γ,n)Nd144	-5755.32 keV

<< 60-Nd-144	60-Nd-145	60-Nd-146 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Nd143 production)	60-Nd-146 MT4 (γ,n) >>



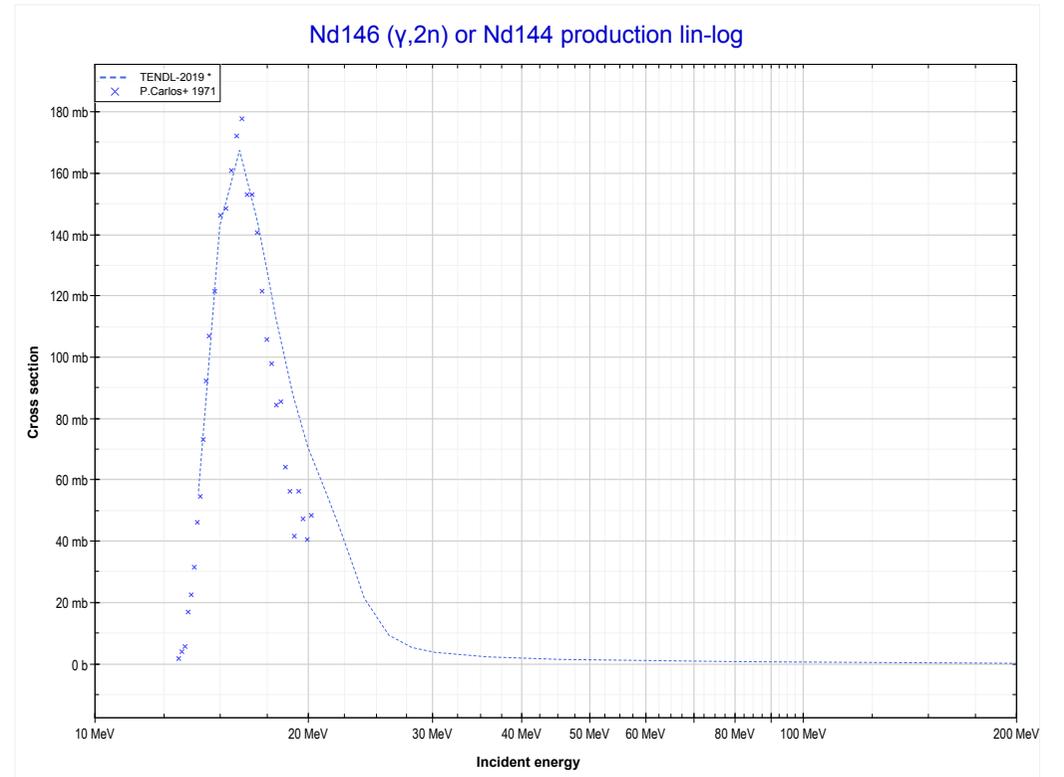
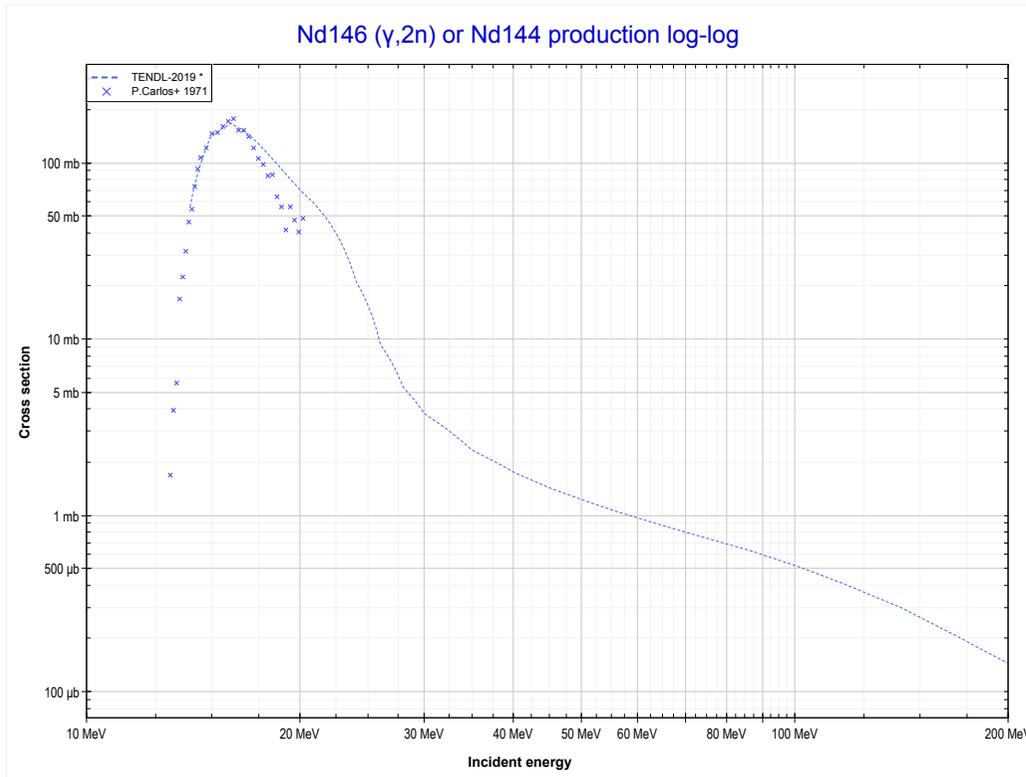
Reaction	Q-Value
Nd145($\gamma,2n$)Nd143	-13572.43 keV

<< 60-Nd-145	60-Nd-146	60-Nd-148 >>
<< 60-Nd-145 MT16 ($\gamma,2n$)	MT4 (γ,n) or MT5 (Nd145 production)	MT16 ($\gamma,2n$) >>



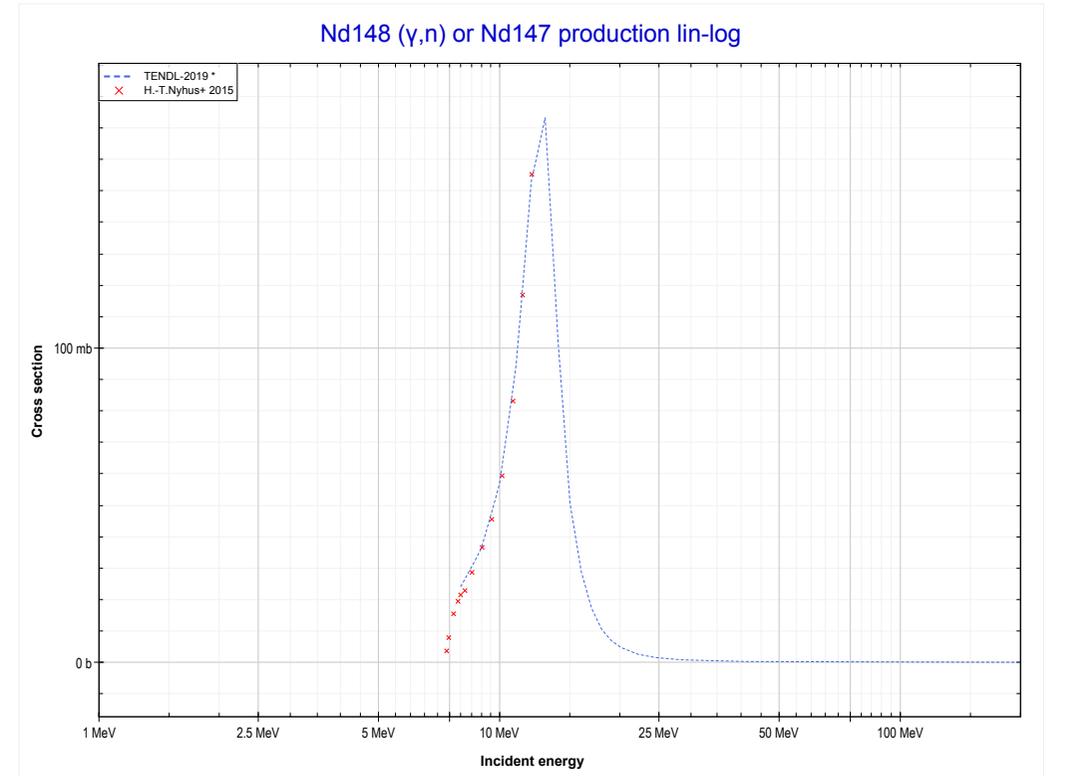
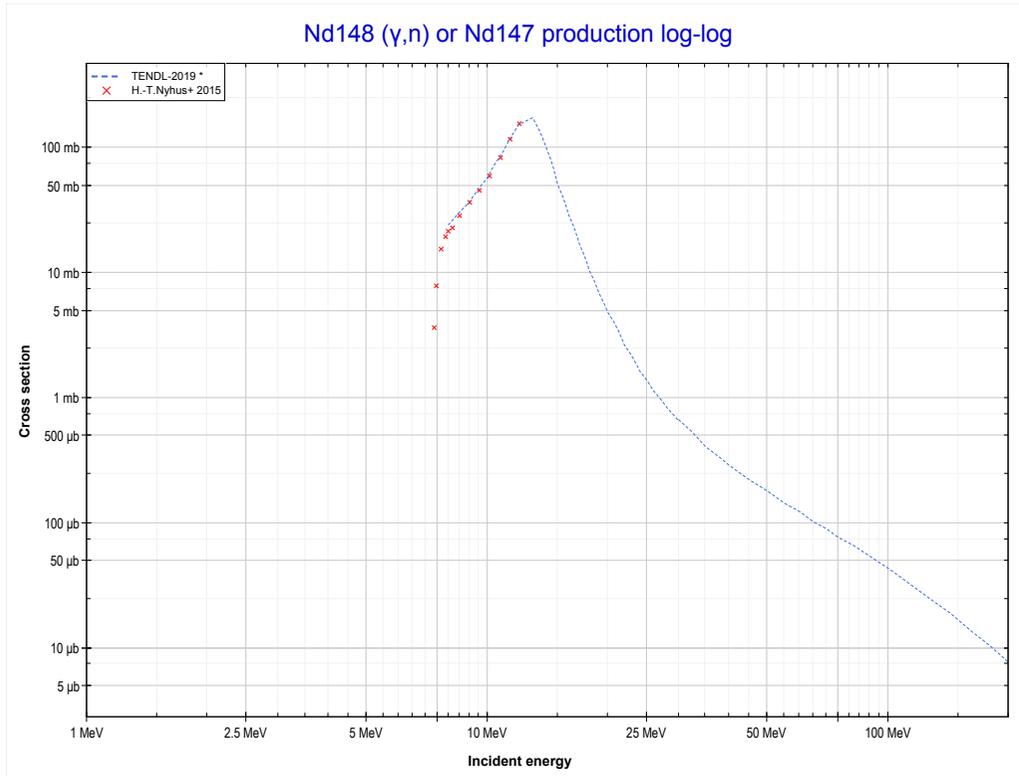
Reaction	Q-Value
Nd146(γ,n)Nd145	-7565.22 keV

<< 60-Nd-145	60-Nd-146	60-Nd-148 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Nd144 production)	60-Nd-148 MT4 (γ,n) >>



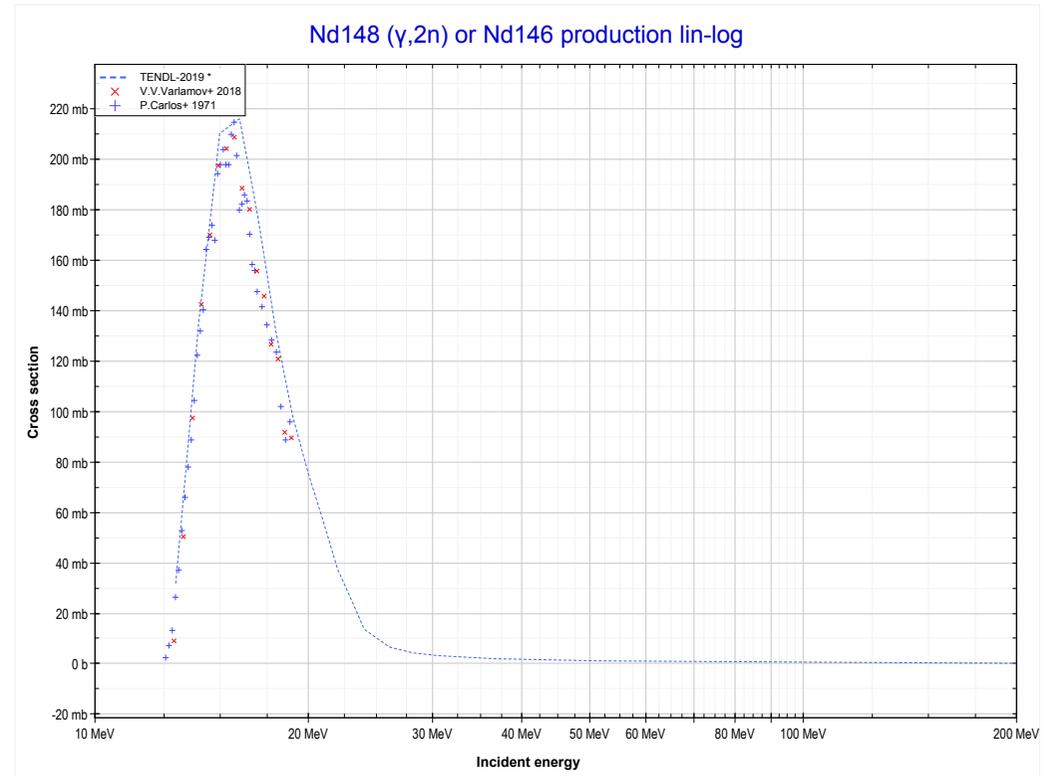
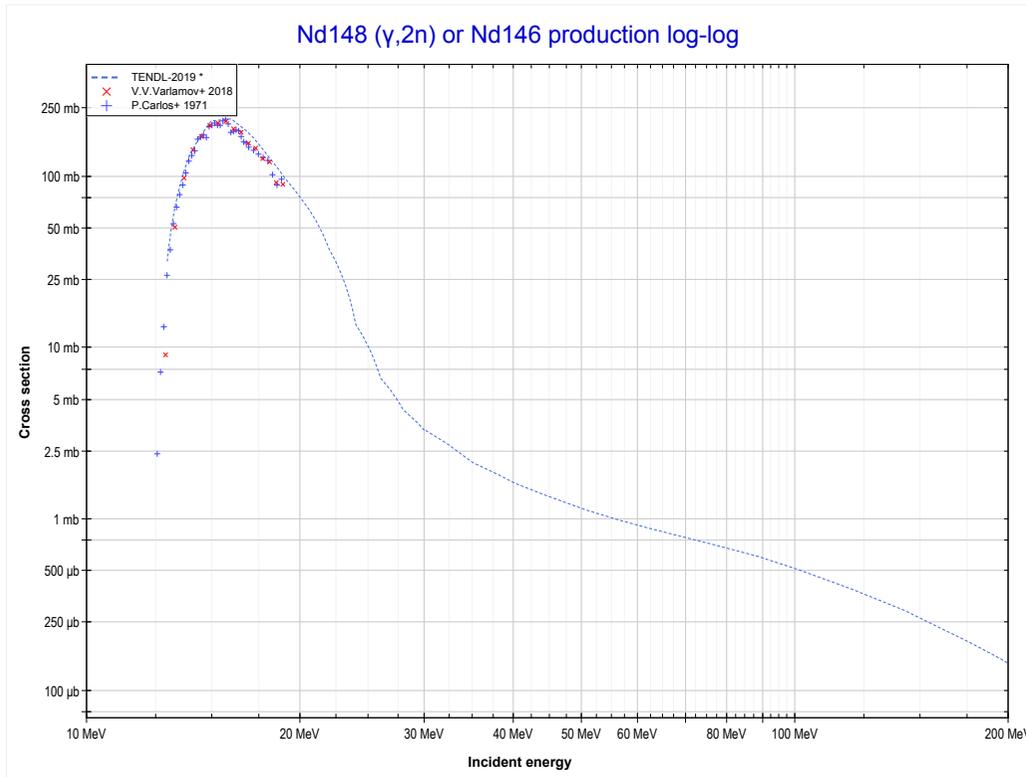
Reaction	Q-Value
Nd146($\gamma,2n$)Nd144	-13320.53 keV

<< 60-Nd-146	60-Nd-148	62-Sm-144 >>
<< 60-Nd-146 MT16 ($\gamma,2n$)	MT4 (γ,n) or MT5 (Nd147 production)	MT16 ($\gamma,2n$) >>



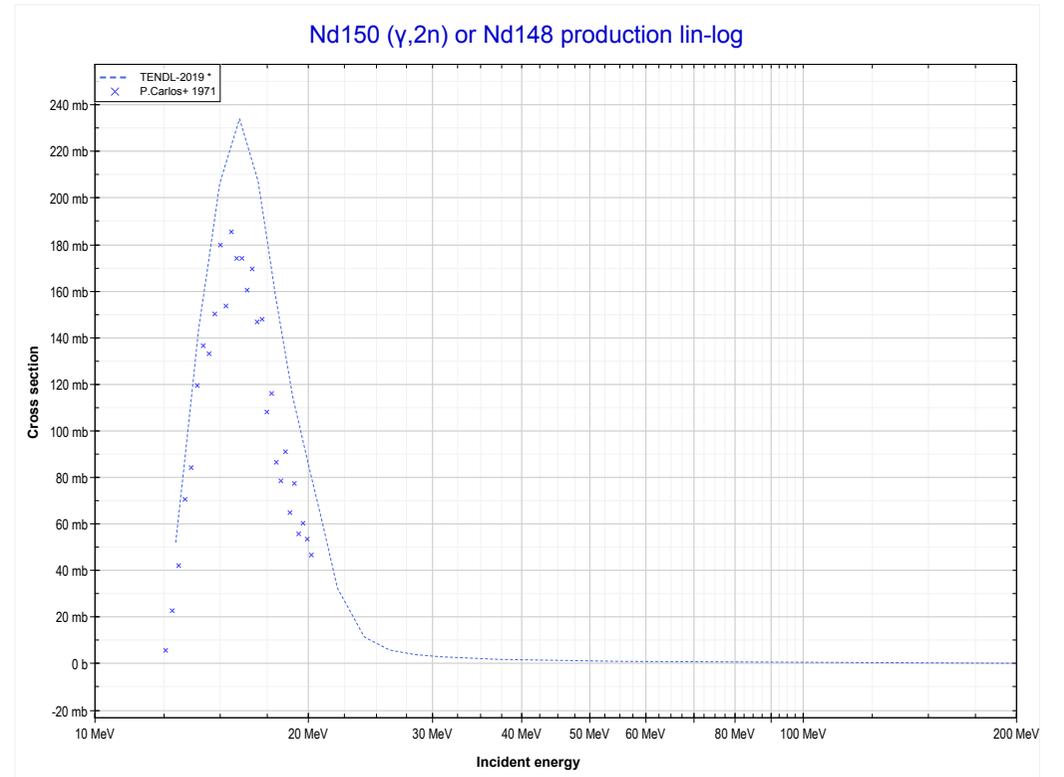
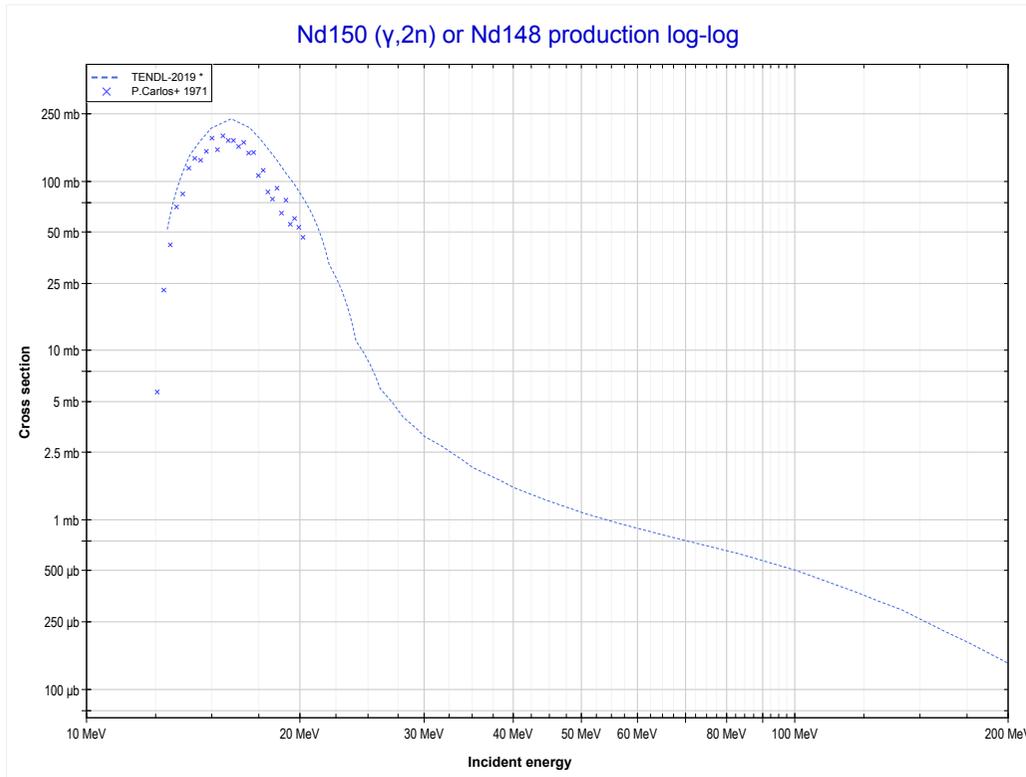
Reaction	Q-Value
Nd148(γ,n)Nd147	-7332.62 keV

<< 60-Nd-146	60-Nd-148	60-Nd-150 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Nd146 production)	60-Nd-150 MT16 ($\gamma,2n$) >>



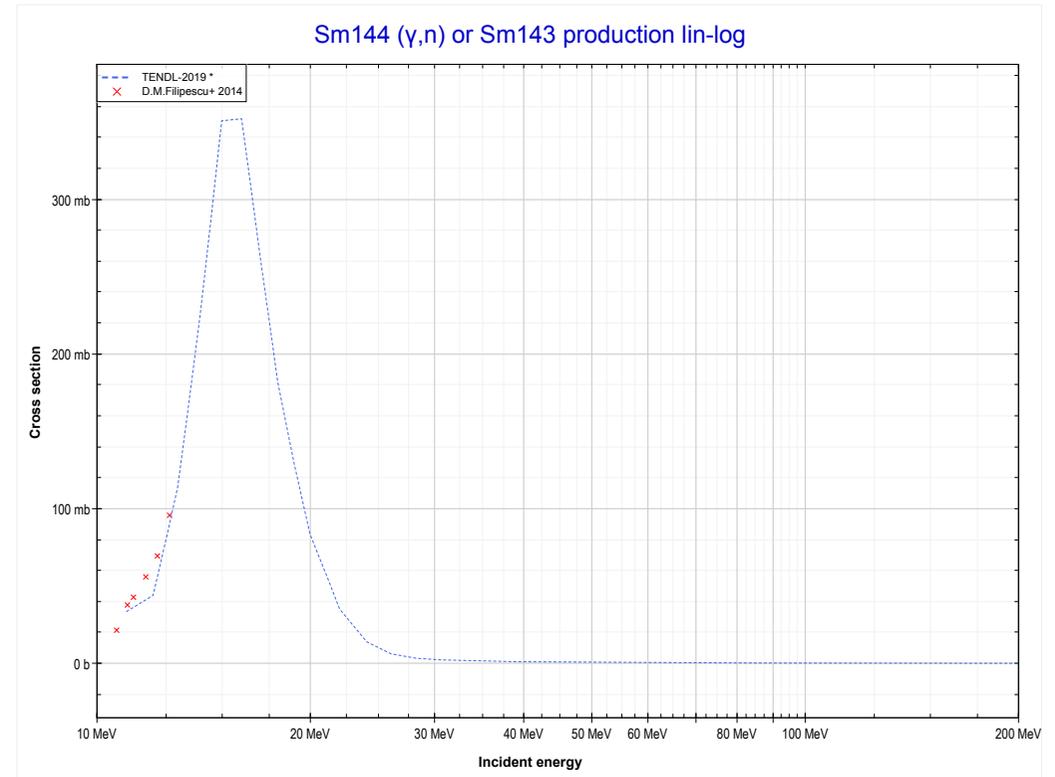
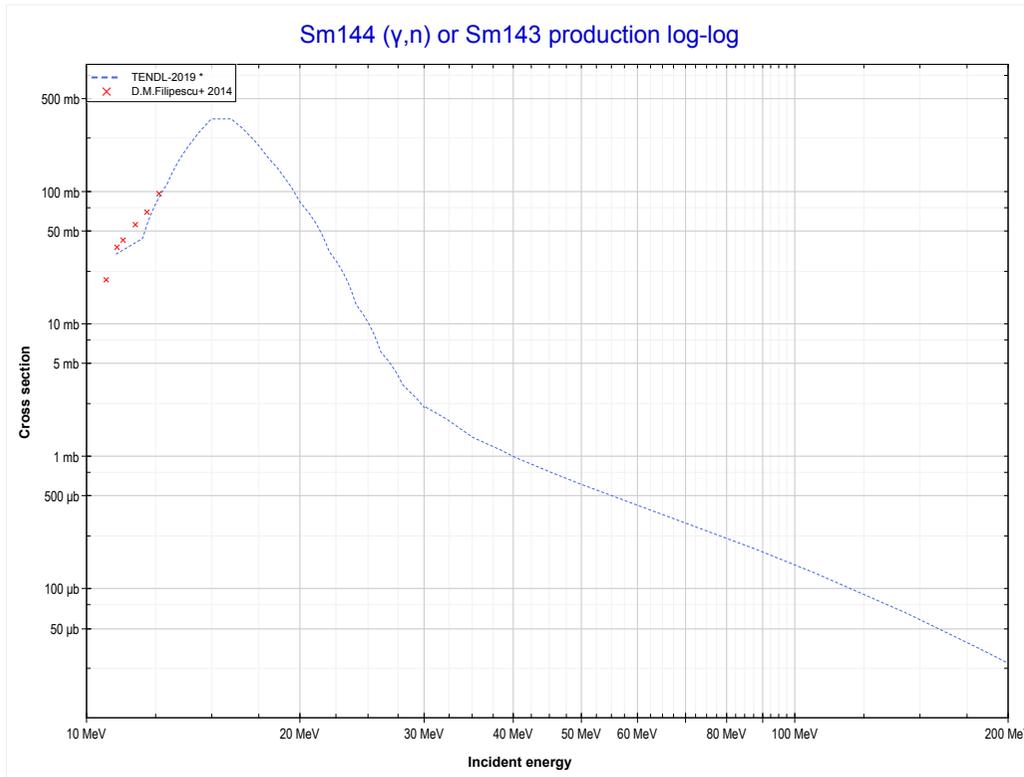
Reaction	Q-Value
Nd148($\gamma,2n$)Nd146	-12624.73 keV

<< 60-Nd-148	60-Nd-150	62-Sm-144 >>
<< 60-Nd-148 MT16 ($\gamma,2n$)	MT16 ($\gamma,2n$) or MT5 (Nd148 production)	62-Sm-144 MT4 (γ,n) >>



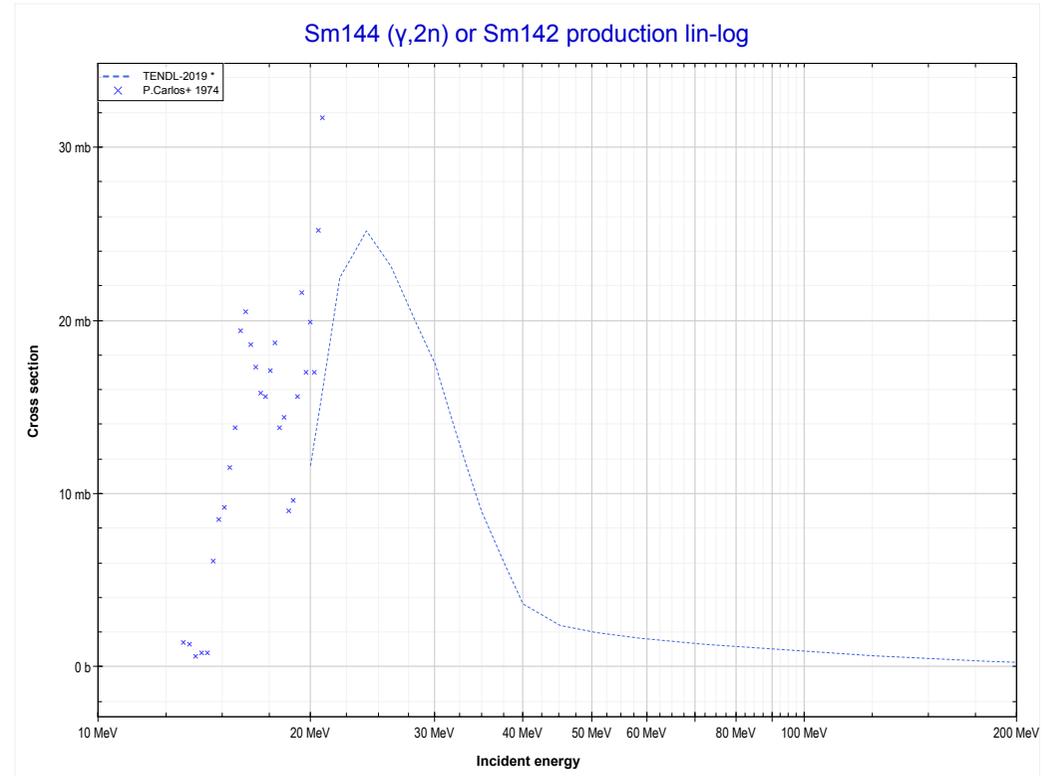
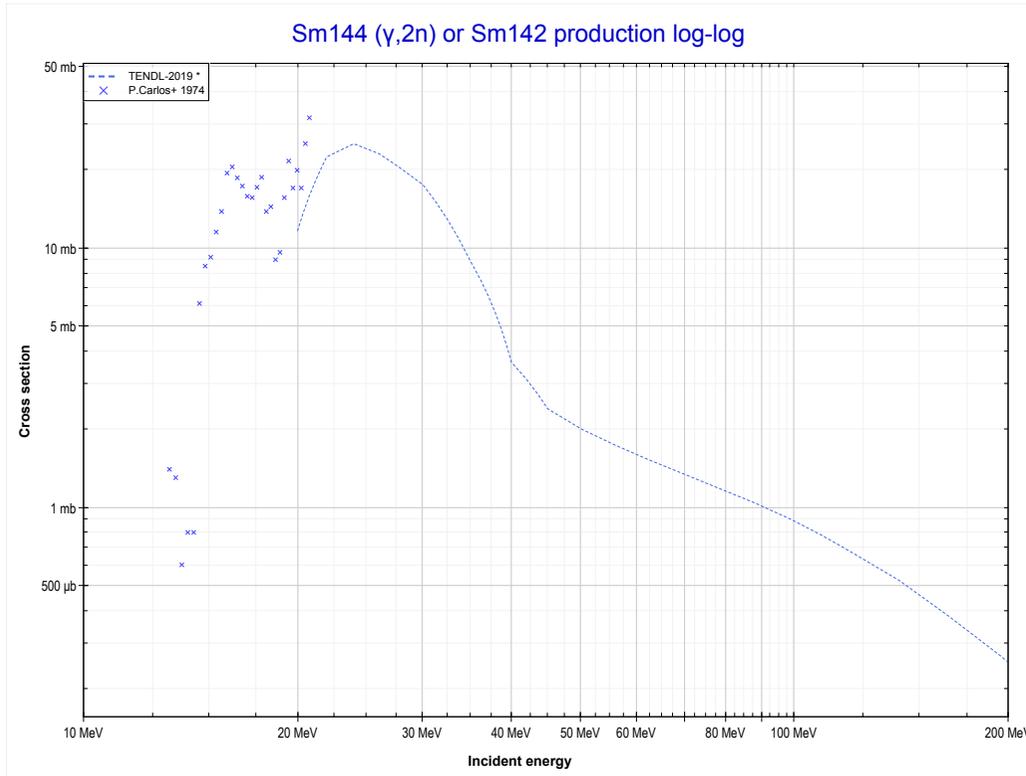
Reaction	Q-Value
Nd150($\gamma,2n$)Nd148	-12414.43 keV

<< 60-Nd-148	62-Sm-144	62-Sm-147 >>
<< 60-Nd-150 MT16 (γ,2n)	MT4 (γ,n) or MT5 (Sm143 production)	MT16 (γ,2n) >>



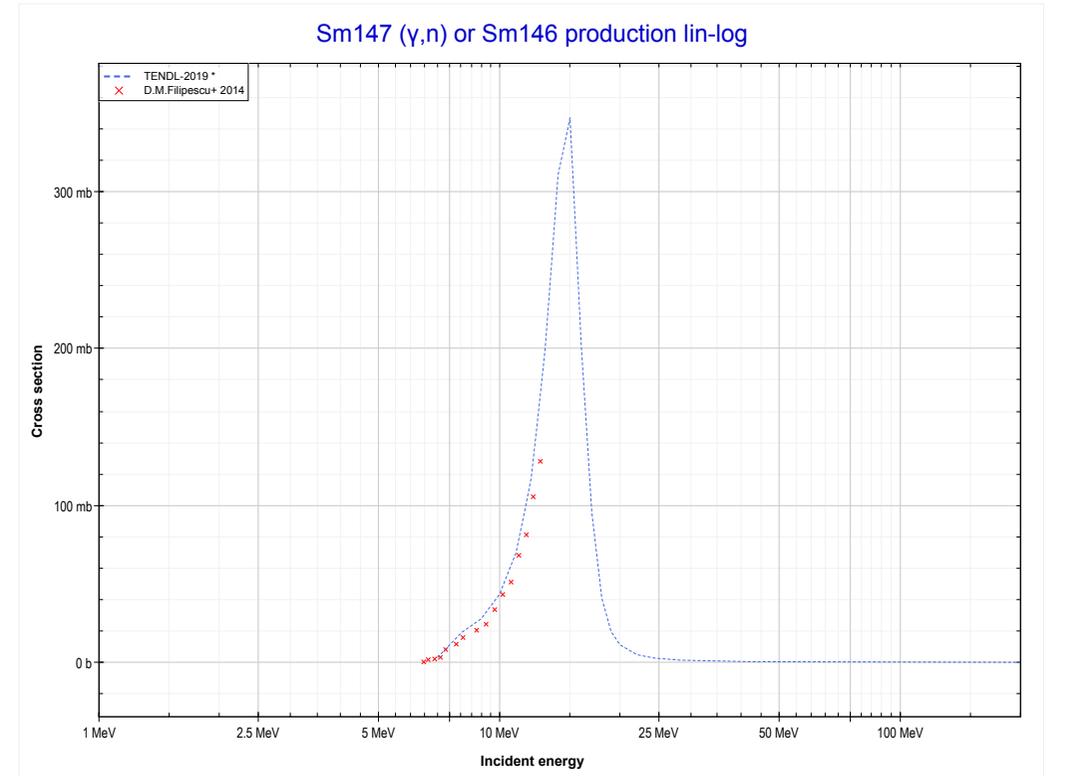
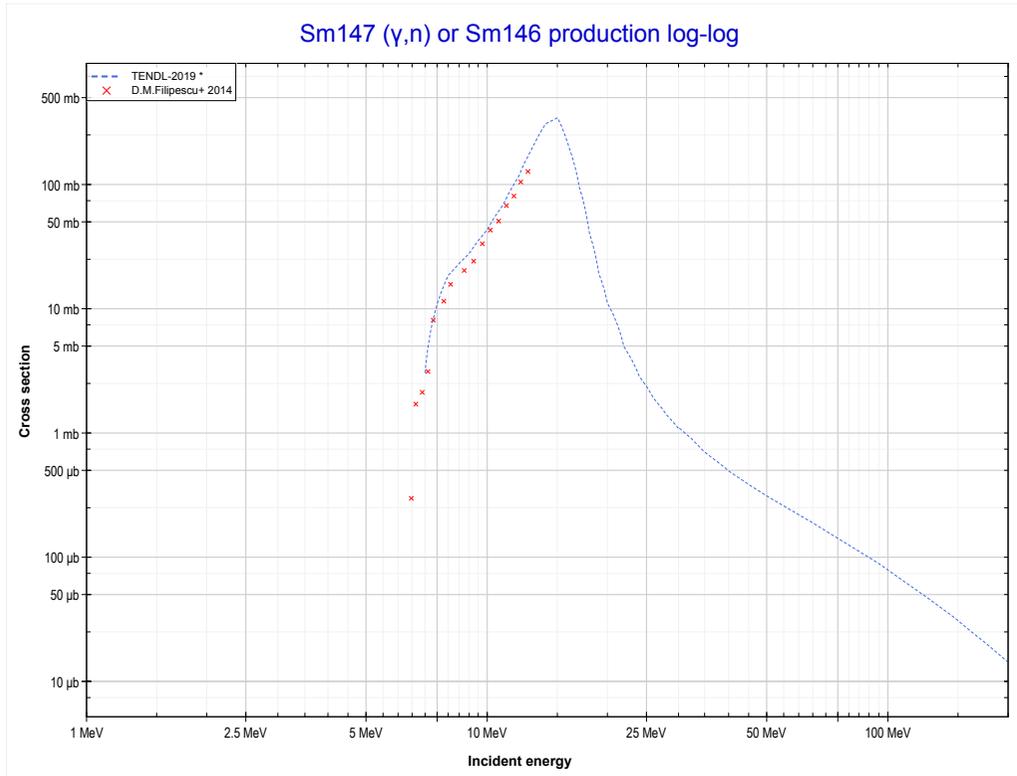
Reaction	Q-Value
Sm144(γ,n)Sm143	-10519.62 keV

<< 60-Nd-150	62-Sm-144	62-Sm-148 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Sm142 production)	62-Sm-147 MT4 (γ,n) >>



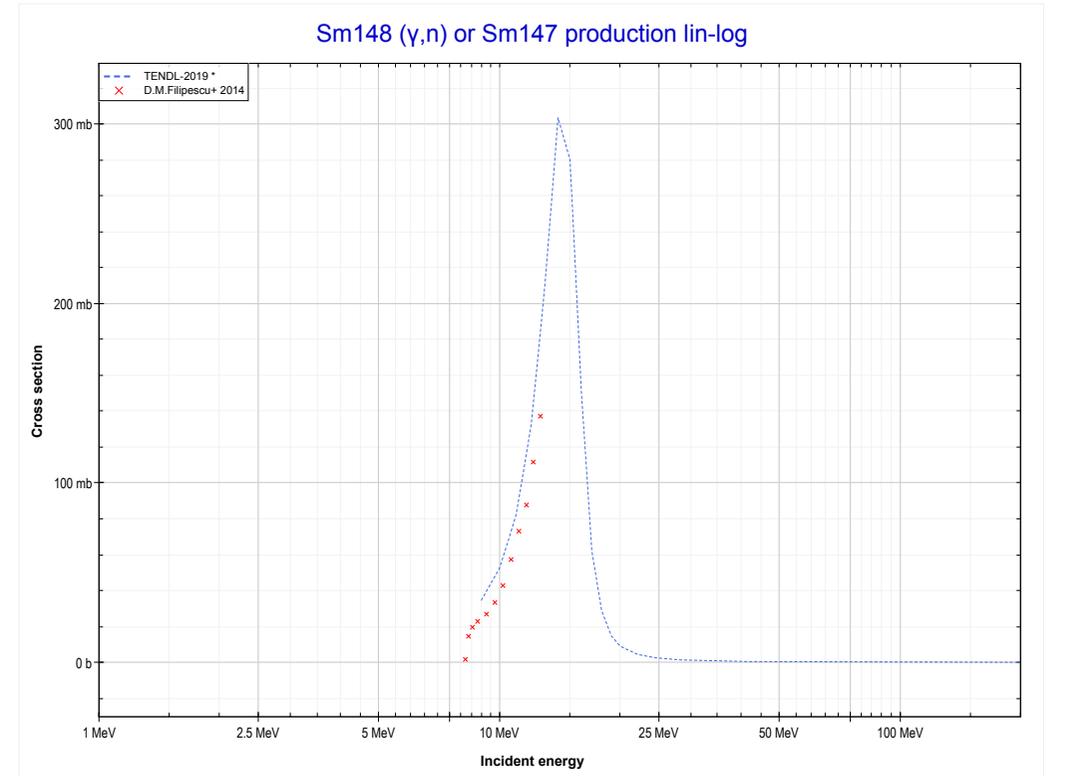
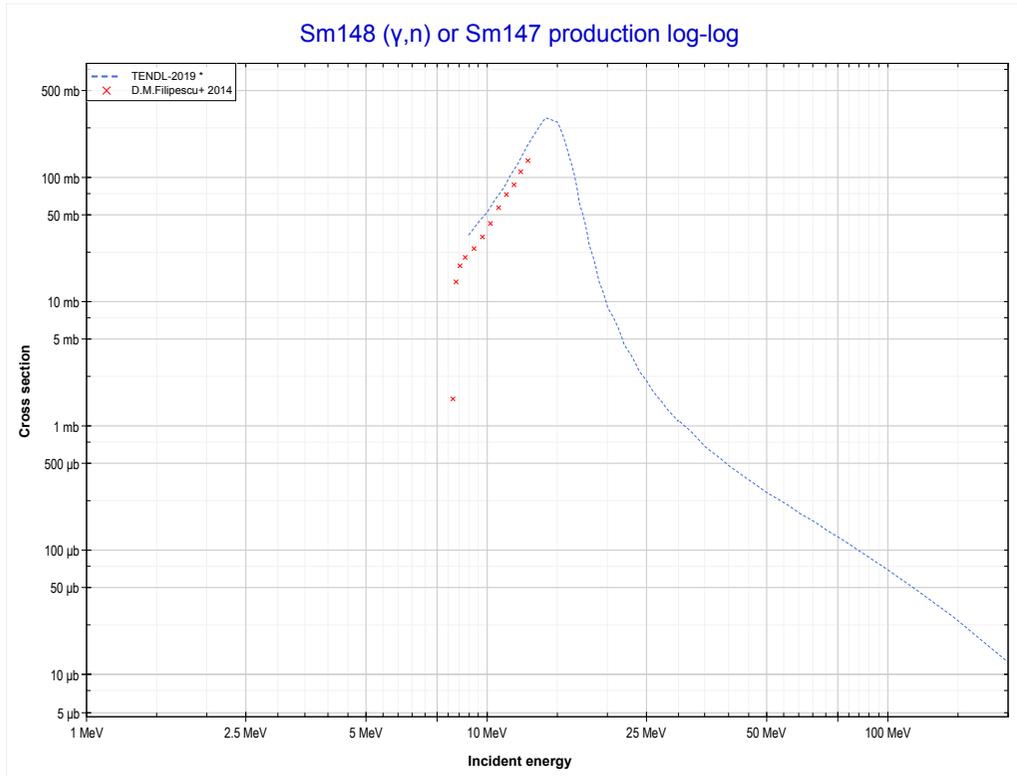
Reaction	Q-Value
Sm144($\gamma,2n$)Sm142	-19122.13 keV

<< 62-Sm-144	62-Sm-147	62-Sm-148 >>
<< 62-Sm-144 MT16 ($\gamma,2n$)	MT4 (γ,n) or MT5 (Sm146 production)	62-Sm-148 MT4 (γ,n) >>



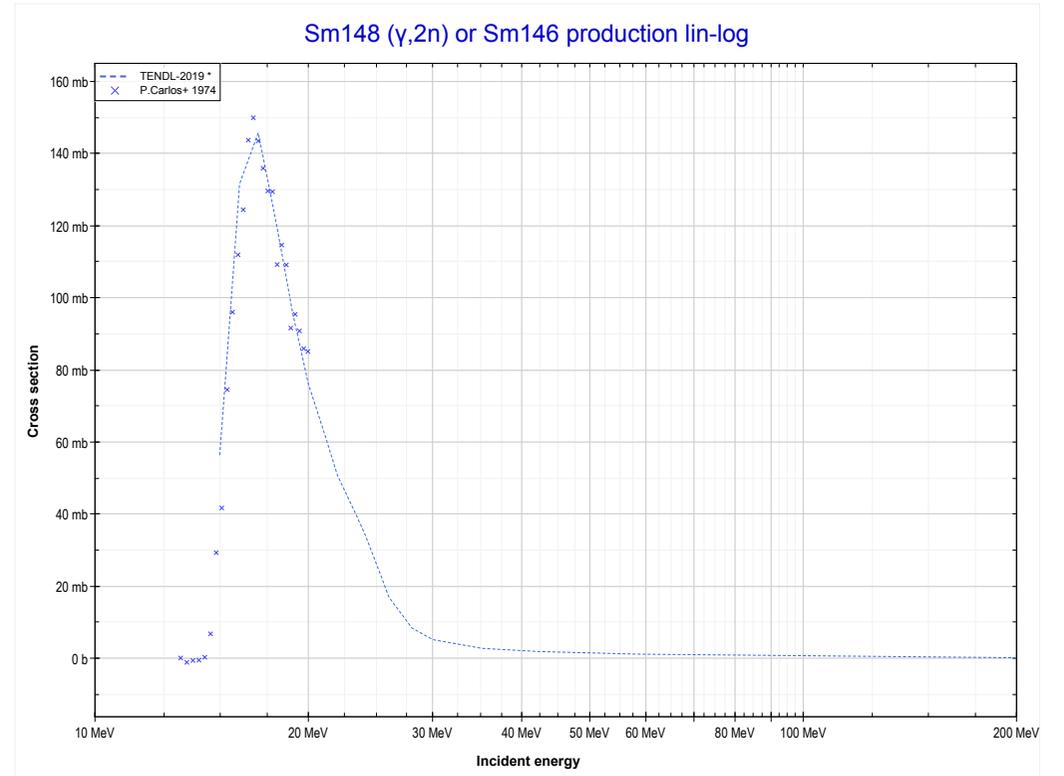
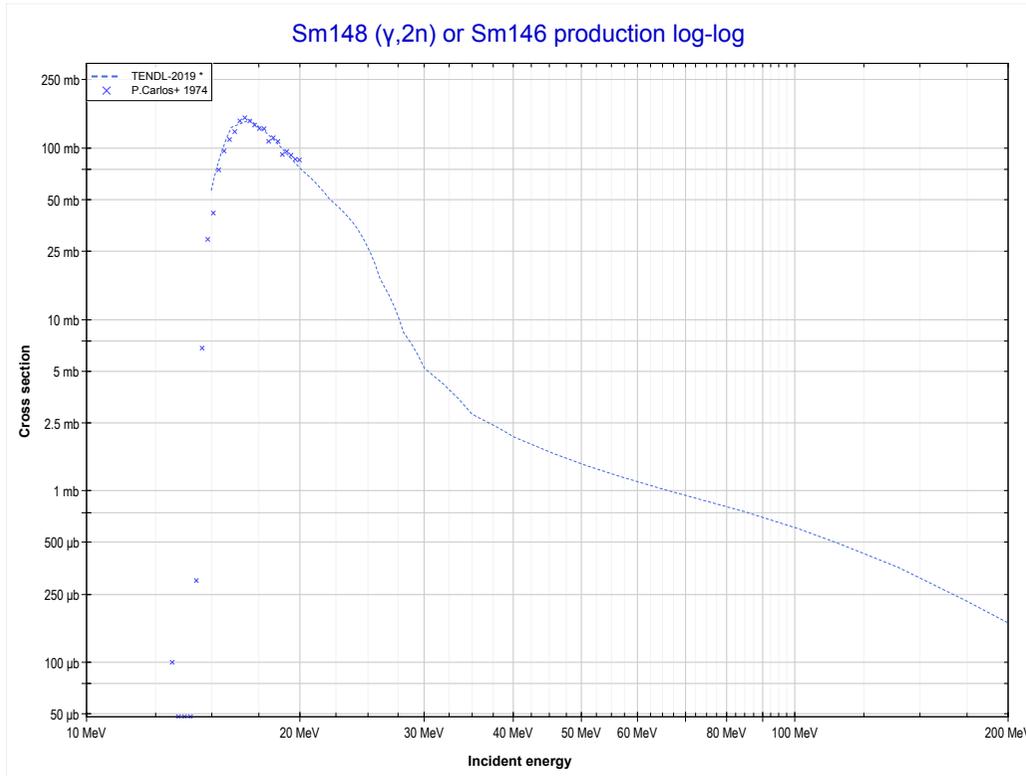
Reaction	Q-Value
Sm147(γ,n)Sm146	-6341.72 keV

<< 62-Sm-147	62-Sm-148	62-Sm-149 >>
<< 62-Sm-147 MT4 (γ,n)	MT4 (γ,n) or MT5 (Sm147 production)	MT16 ($\gamma,2n$) >>



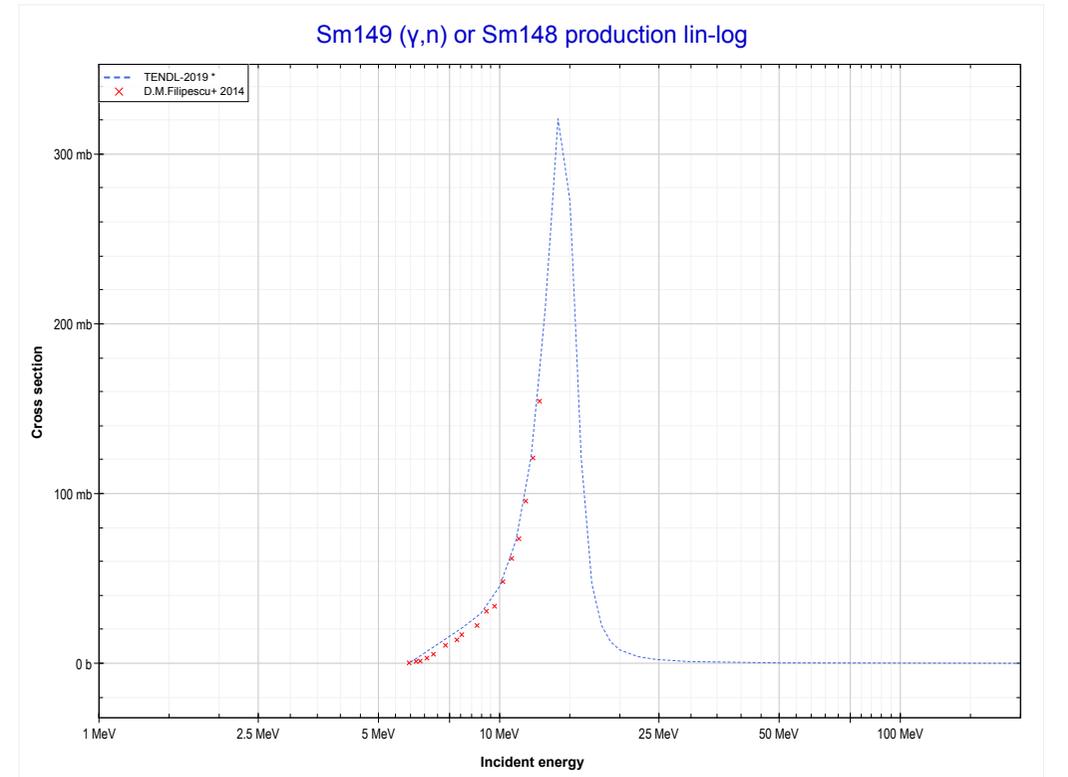
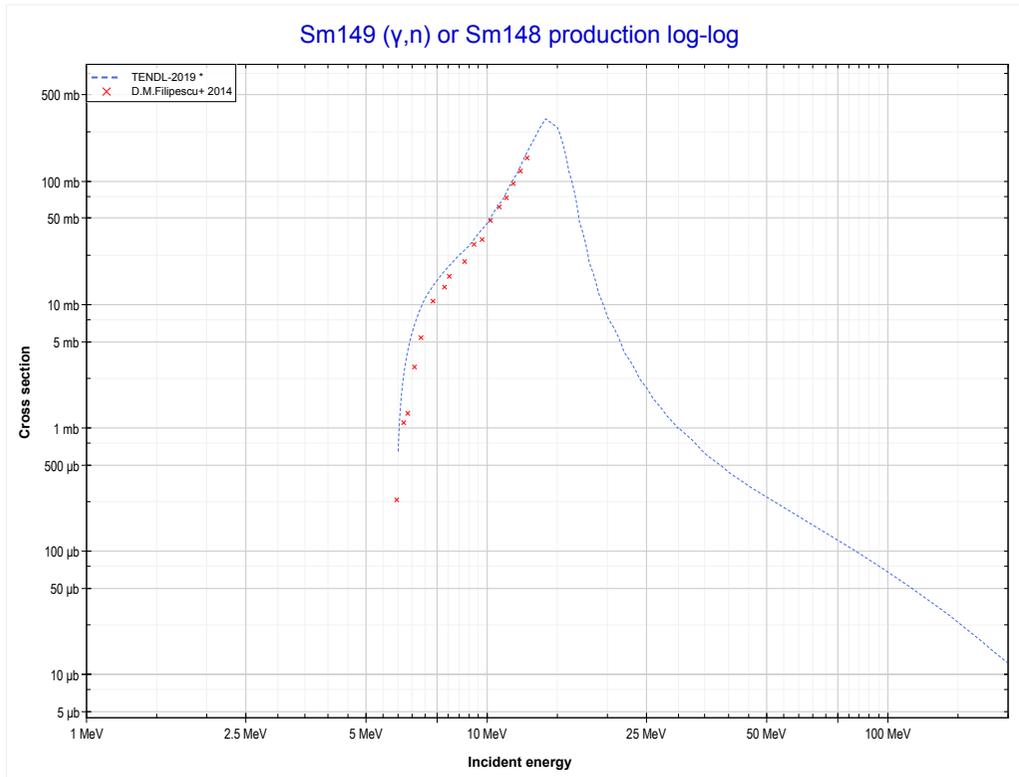
Reaction	Q-Value
Sm148(γ,n)Sm147	-8141.22 keV

<< 62-Sm-144	62-Sm-148	62-Sm-150 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Sm146 production)	62-Sm-149 MT4 (γ,n) >>



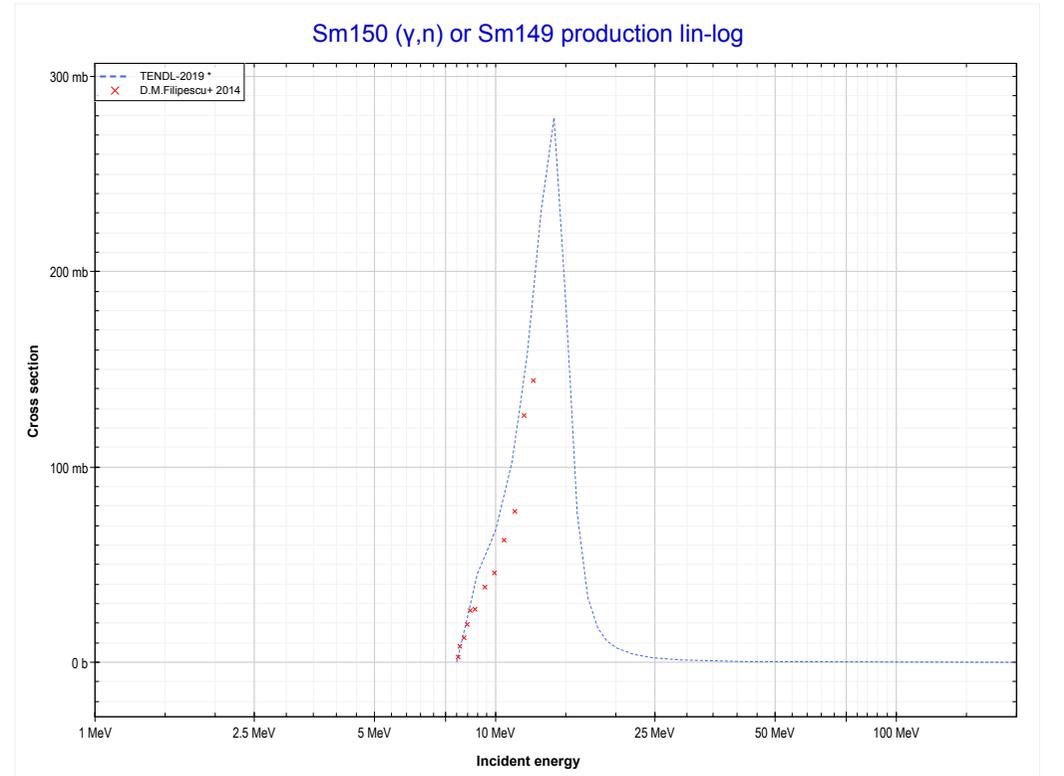
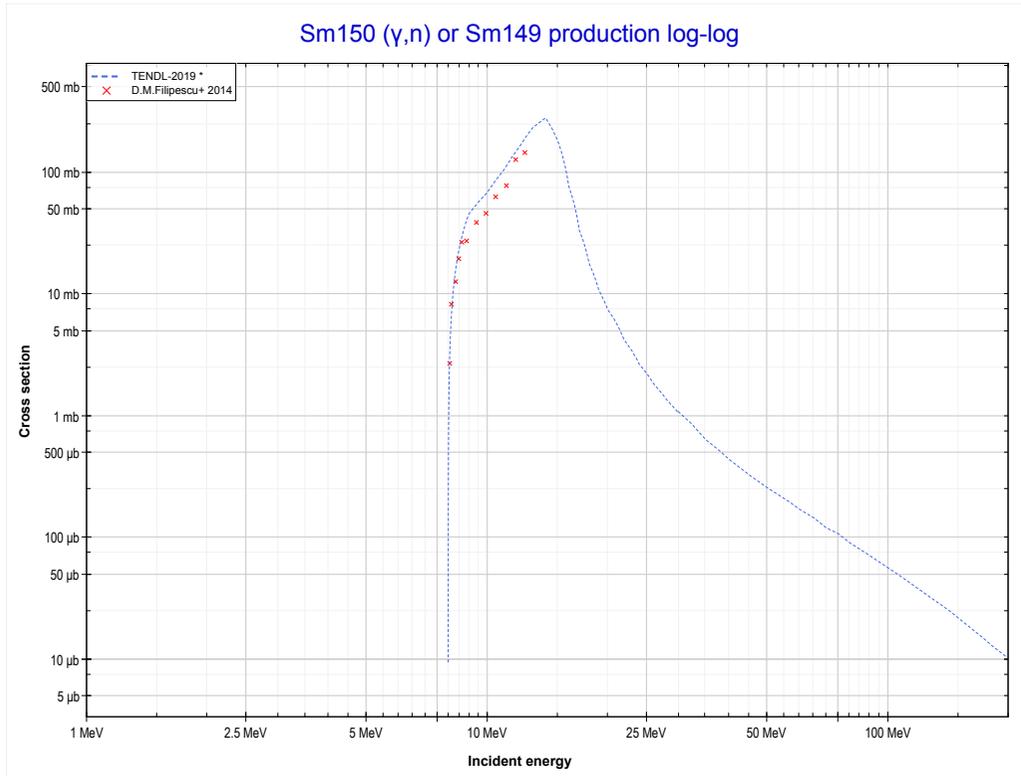
Reaction	Q-Value
Sm148($\gamma,2n$)Sm146	-14482.93 keV

<< 62-Sm-148	62-Sm-149	62-Sm-150 >>
<< 62-Sm-148 MT16 ($\gamma,2n$)	MT4 (γ,n) or MT5 (Sm148 production)	62-Sm-150 MT4 (γ,n) >>



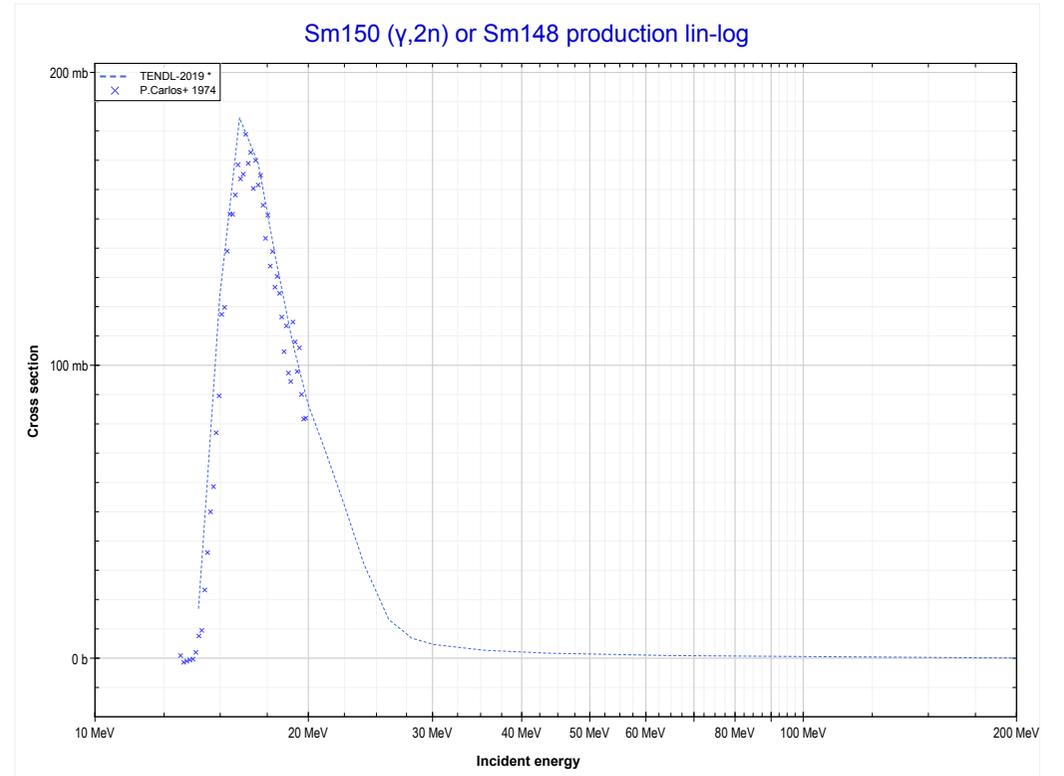
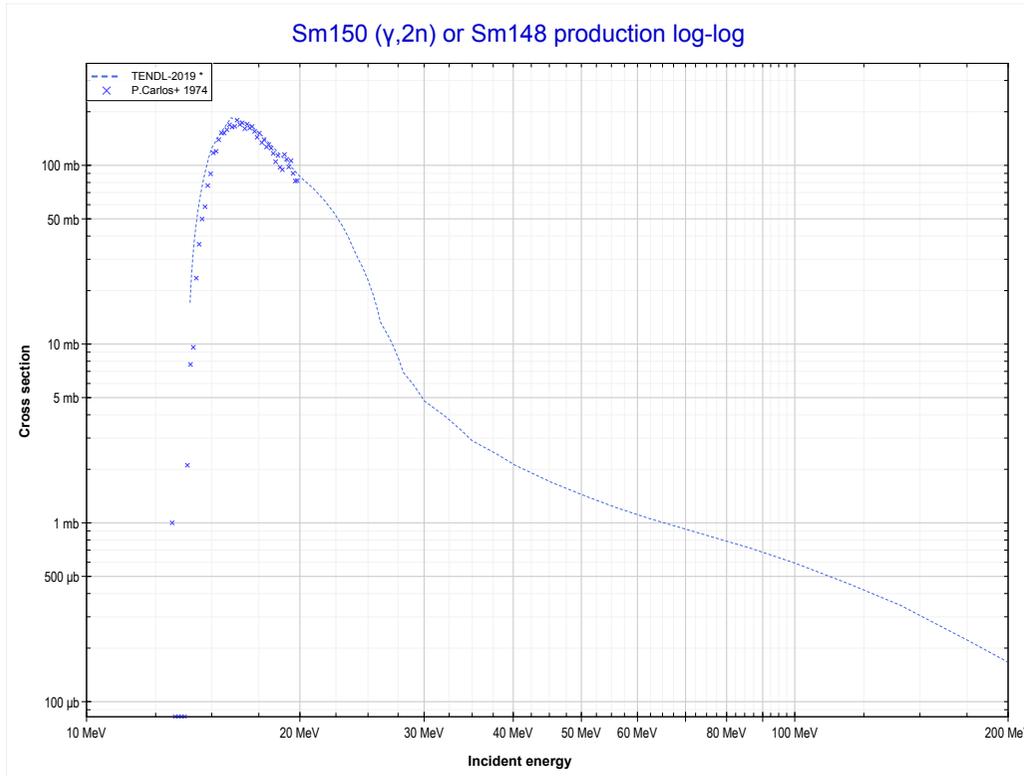
Reaction	Q-Value
Sm149(γ,n)Sm148	-5870.72 keV

<< 62-Sm-149	62-Sm-150	62-Sm-152 >>
<< 62-Sm-149 MT4 (γ,n)	MT4 (γ,n) or MT5 (Sm149 production)	MT16 (γ,2n) >>



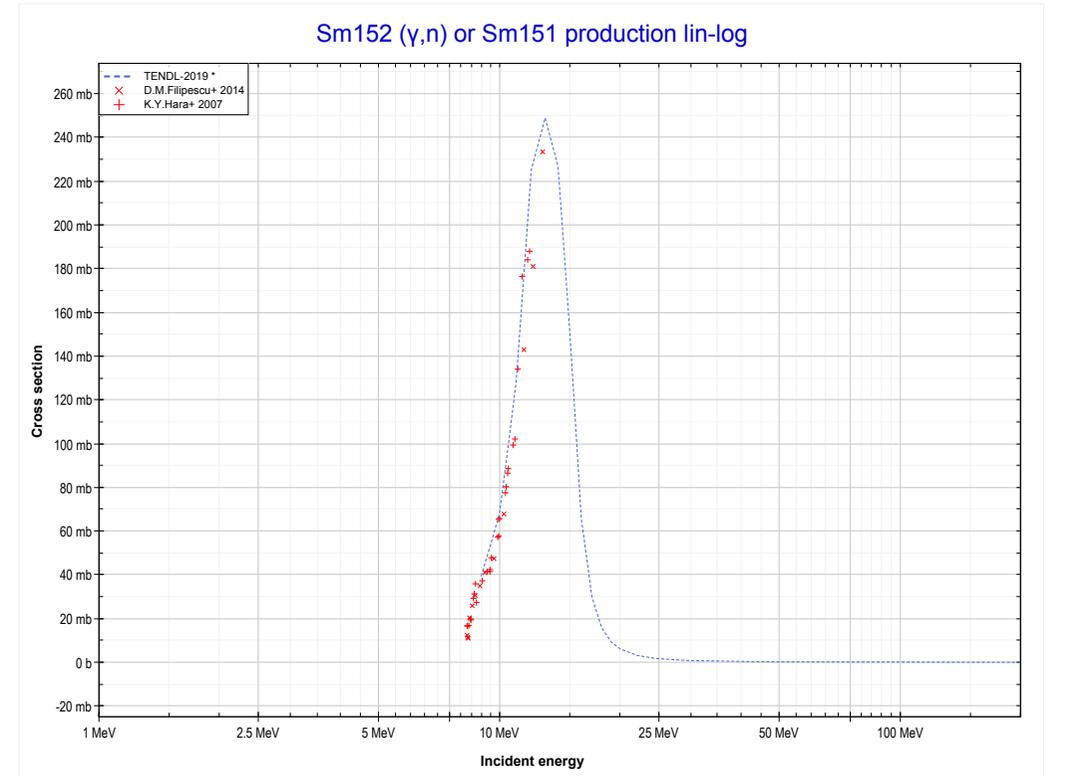
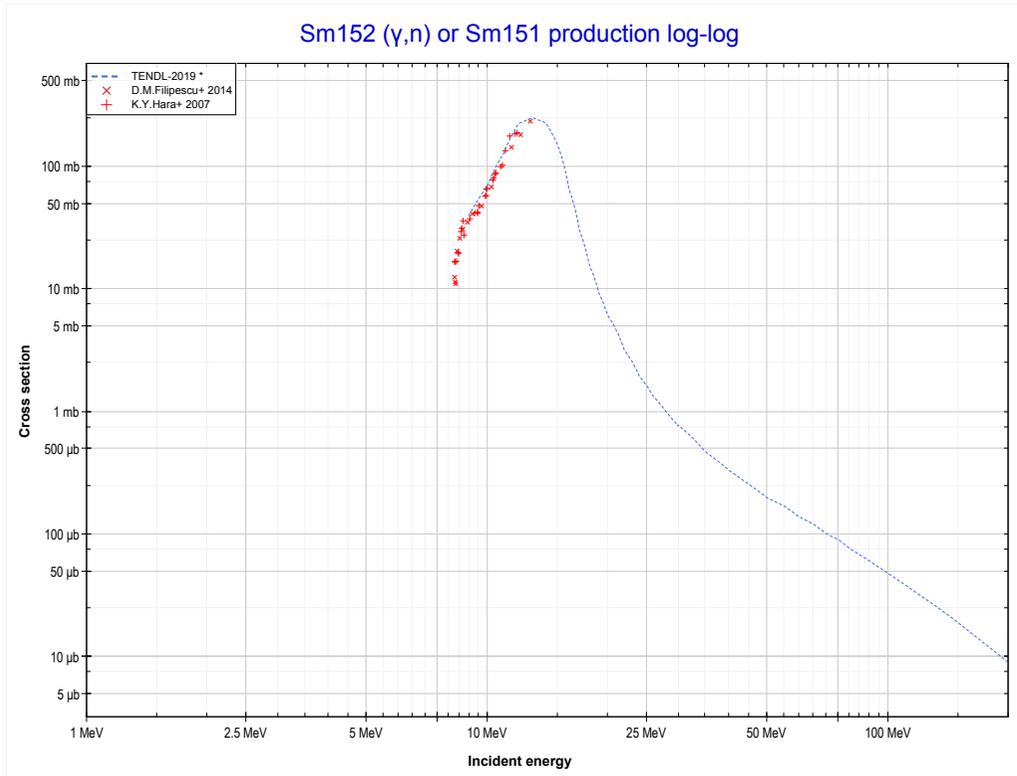
Reaction	Q-Value
Sm150(γ,n)Sm149	-7986.72 keV

<< 62-Sm-148	62-Sm-150	62-Sm-152 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Sm148 production)	62-Sm-152 MT4 (γ,n) >>



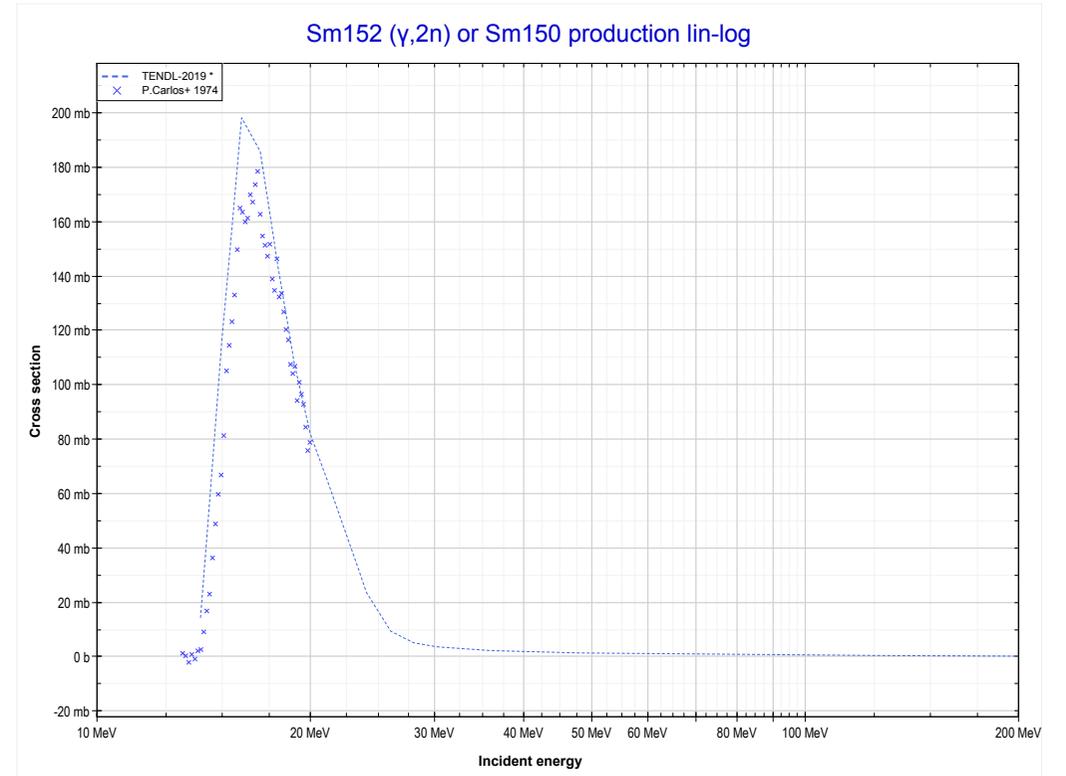
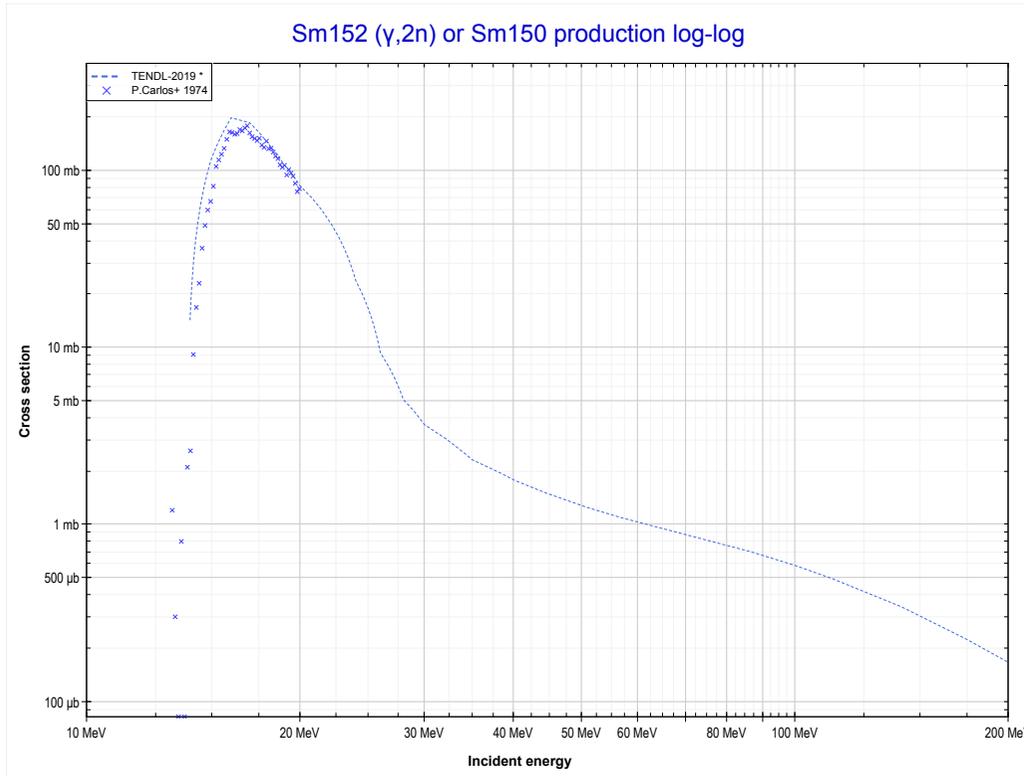
Reaction	Q-Value
Sm150($\gamma,2n$)Sm148	-13857.43 keV

<< 62-Sm-150	62-Sm-152	62-Sm-154 >>
<< 62-Sm-150 MT16 ($\gamma,2n$)	MT4 (γ,n) or MT5 (Sm151 production)	MT16 ($\gamma,2n$) >>



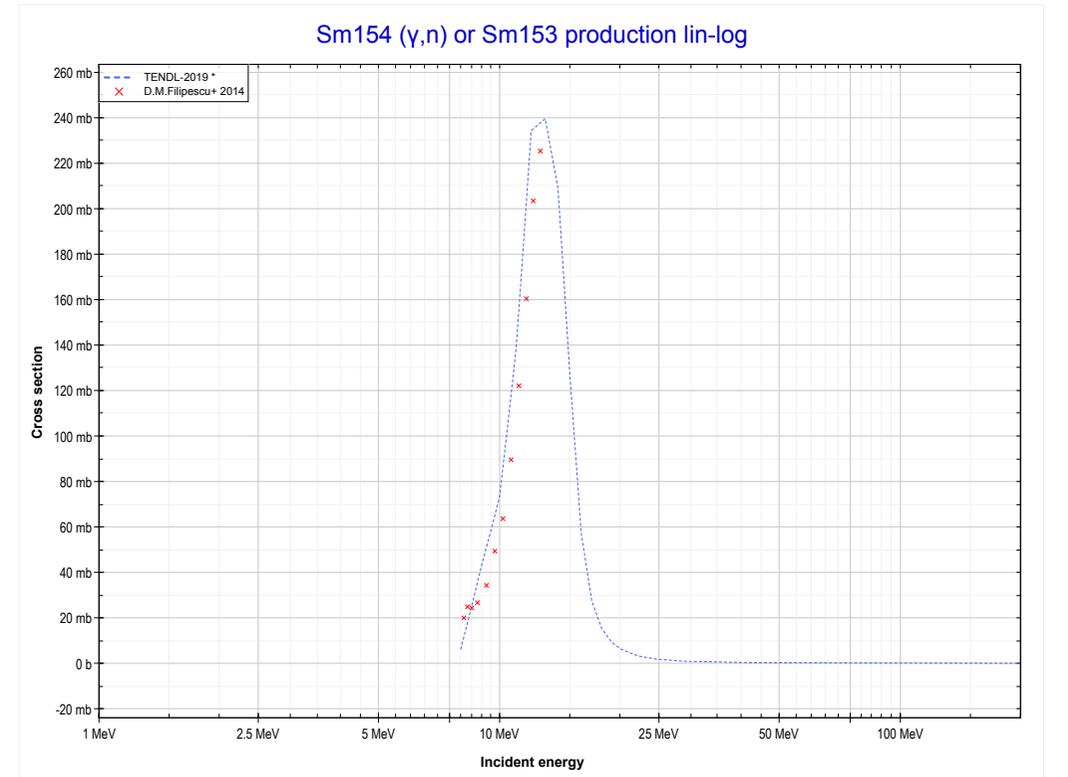
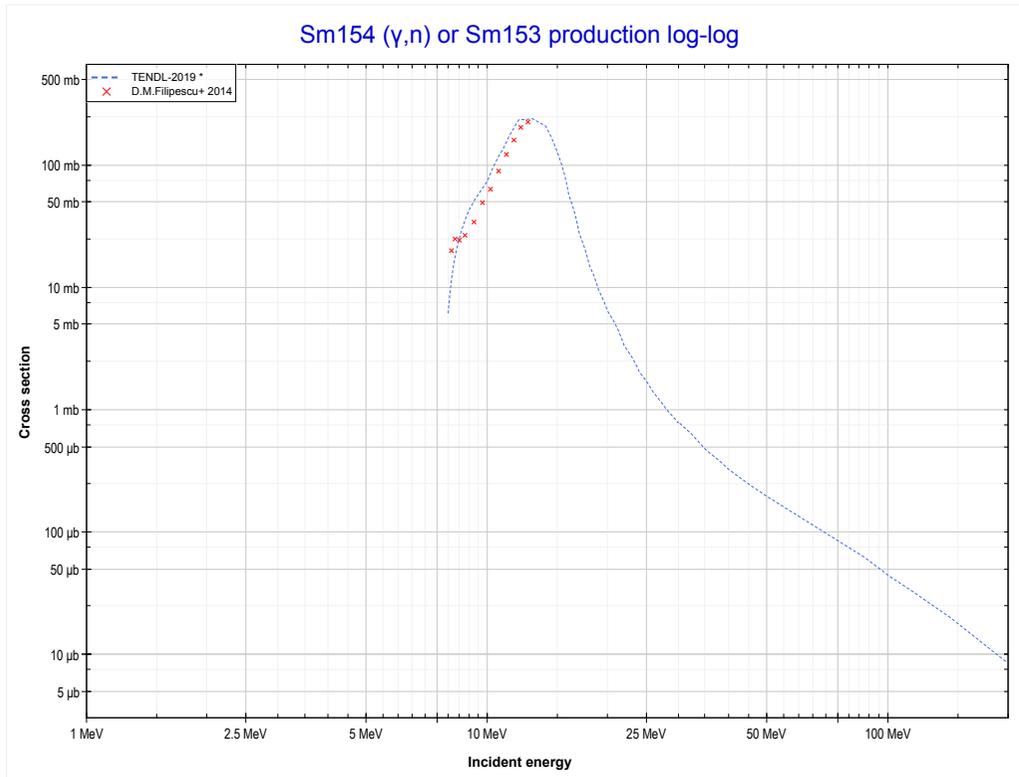
Reaction	Q-Value
Sm152(γ,n)Sm151	-8257.62 keV

<< 62-Sm-150	62-Sm-152	62-Sm-154 >>
<< MT4 (γ, n)	MT16 ($\gamma, 2n$) or MT5 (Sm150 production)	62-Sm-154 MT4 (γ, n) >>



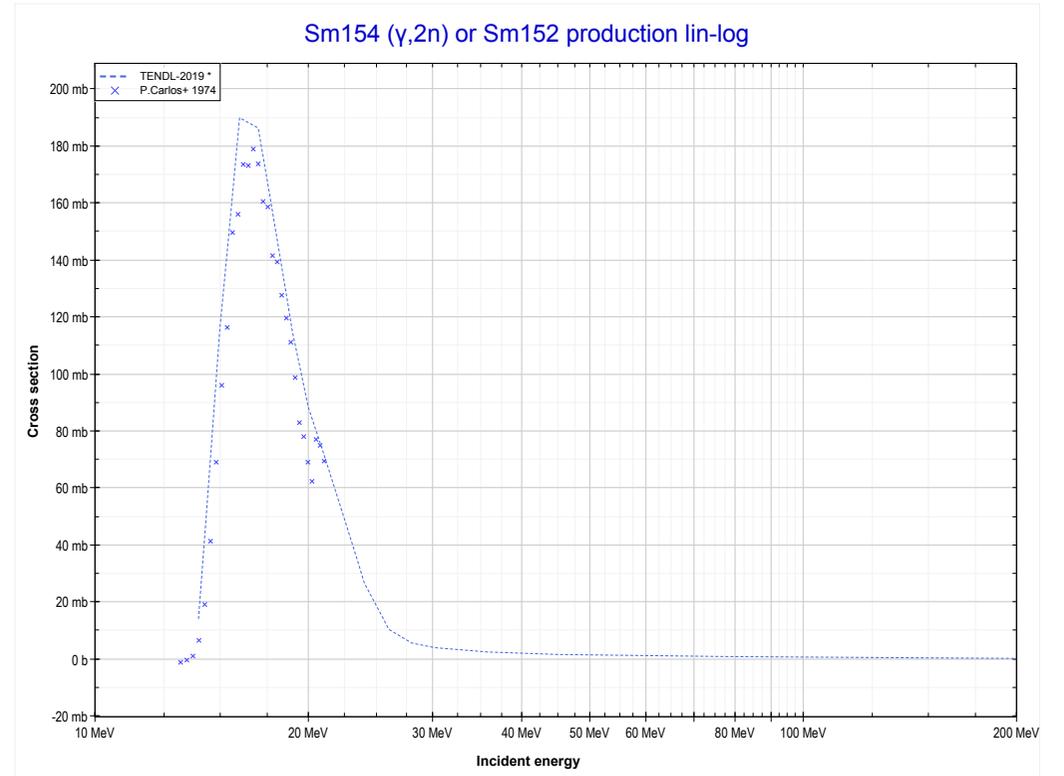
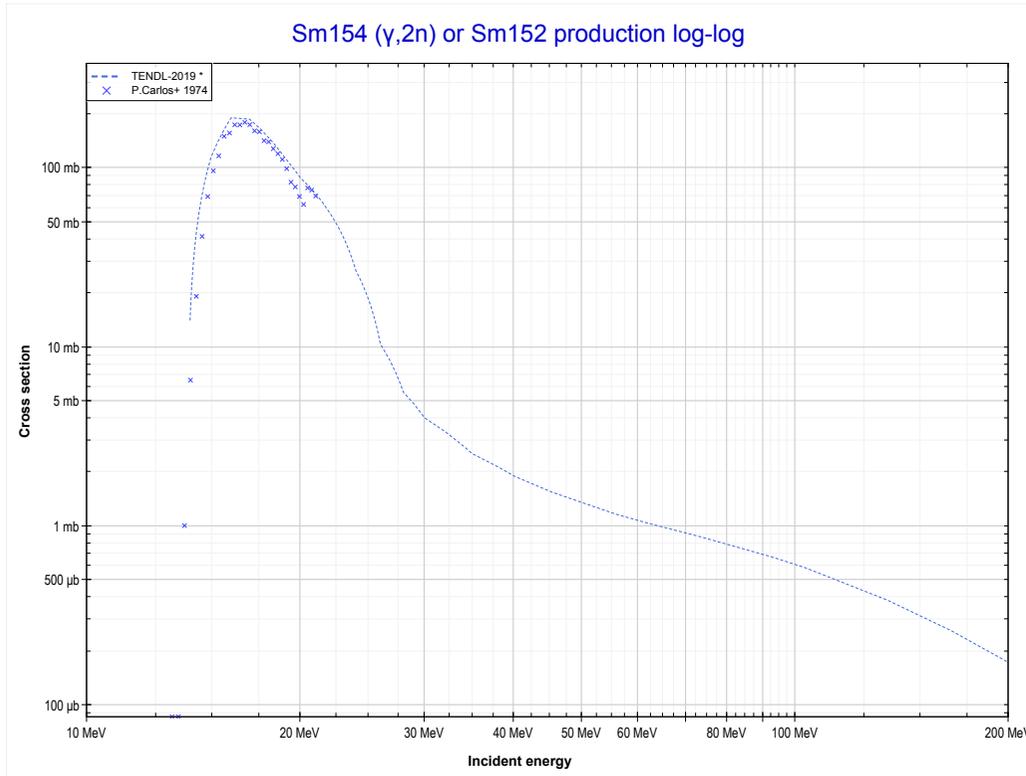
Reaction	Q-Value
Sm152($\gamma, 2n$)Sm150	-13854.13 keV

<< 62-Sm-152	62-Sm-154	63-Eu-153 >>
<< 62-Sm-152 MT16 ($\gamma,2n$)	MT4 (γ,n) or MT5 (Sm153 production)	MT16 ($\gamma,2n$) >>



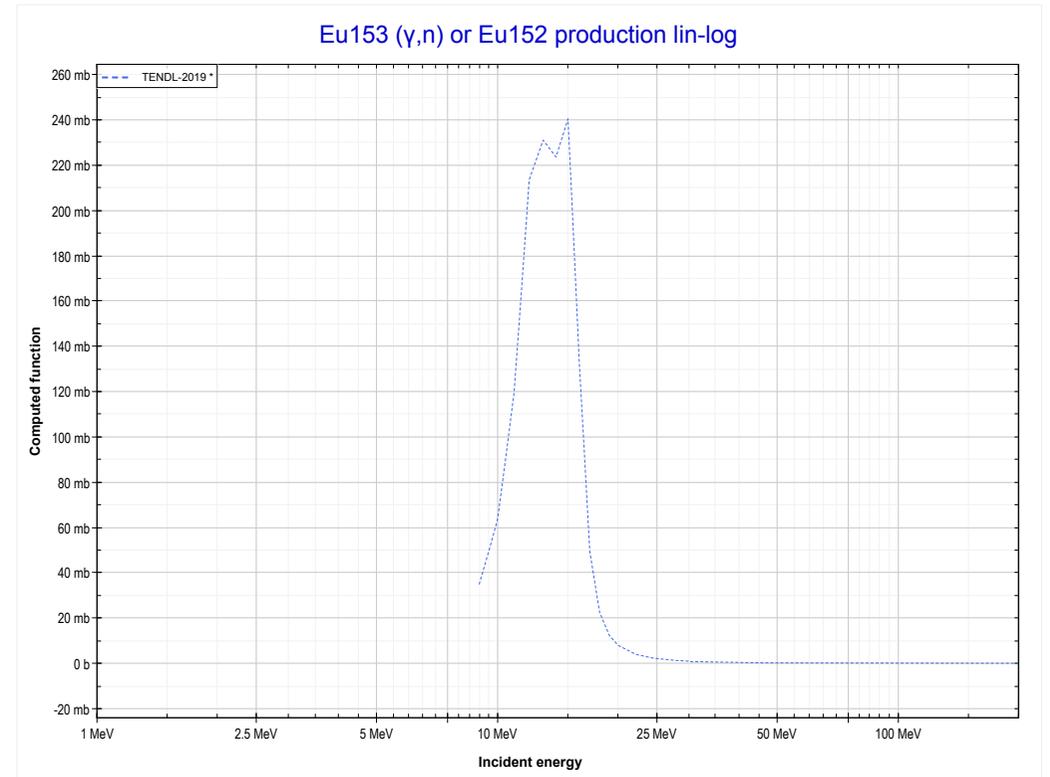
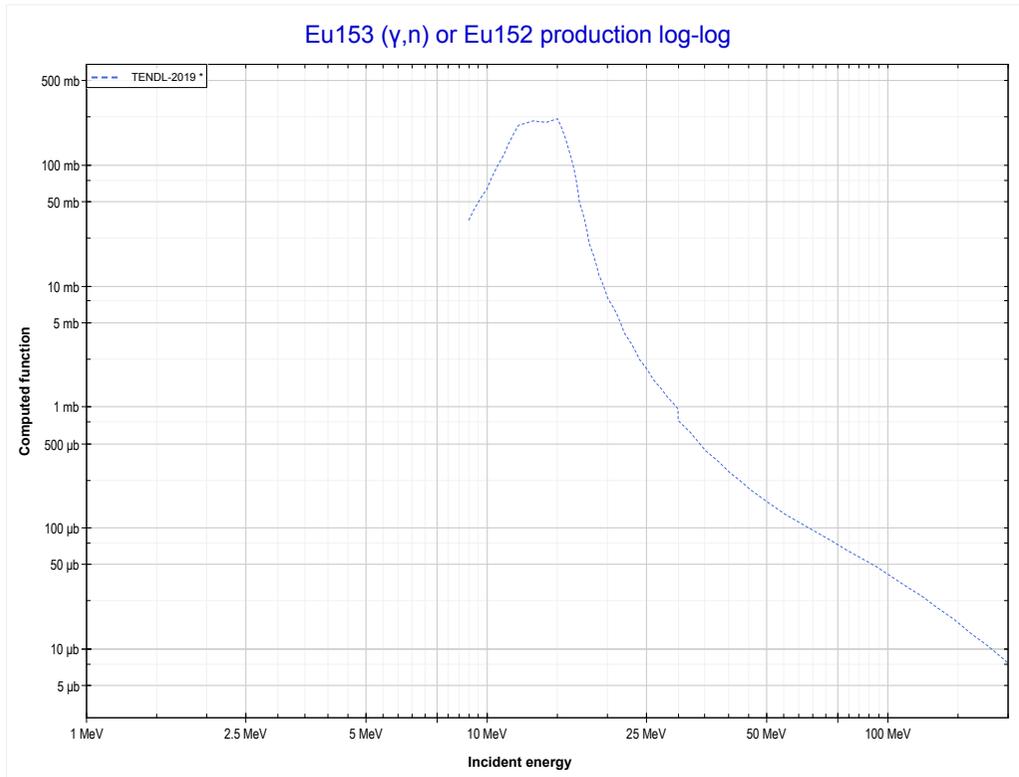
Reaction	Q-Value
Sm154(γ,n)Sm153	-7966.82 keV

<< 62-Sm-152	62-Sm-154	63-Eu-153 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Sm152 production)	63-Eu-153 MT4 (γ,n) >>



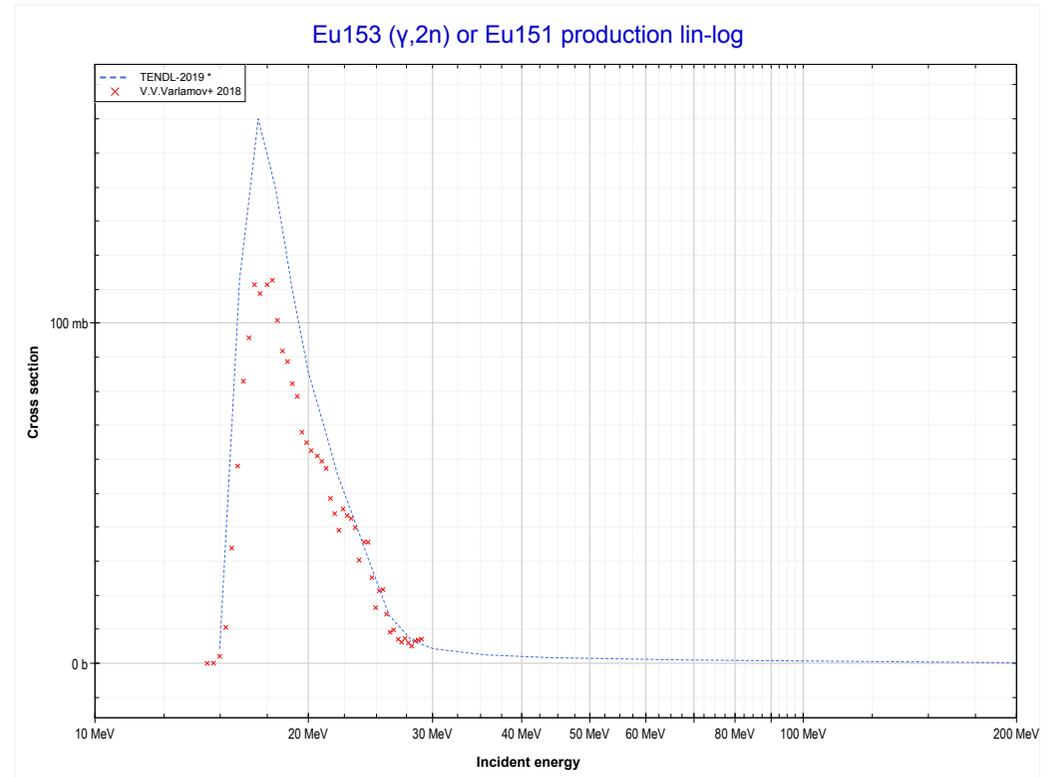
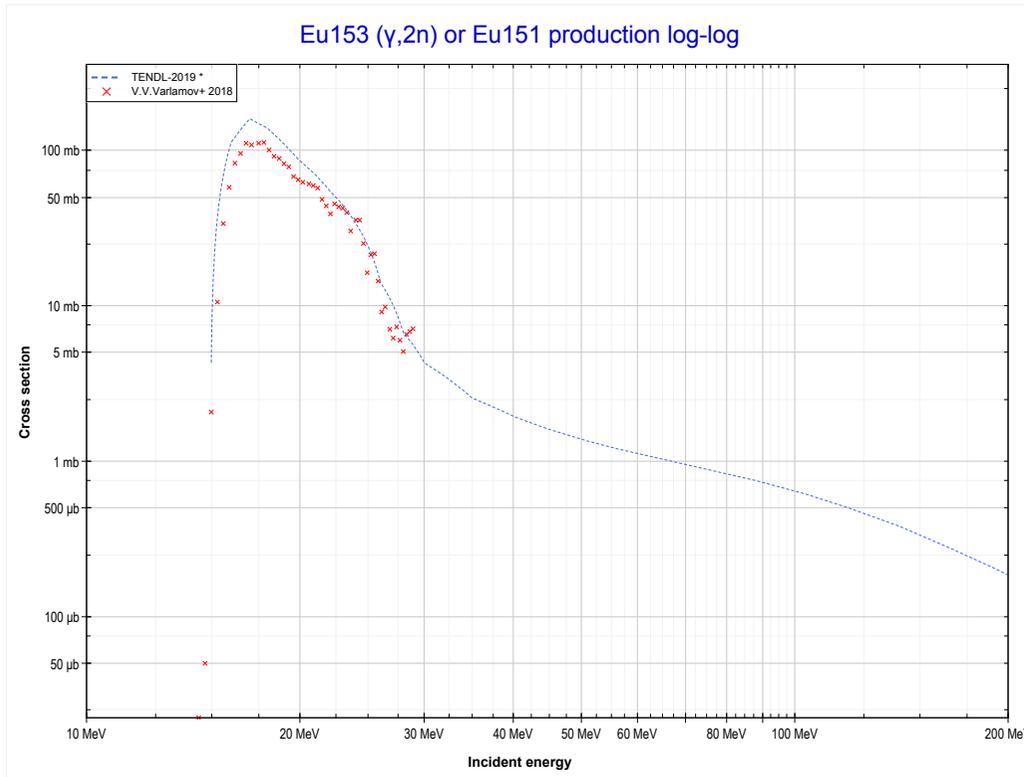
Reaction	Q-Value
Sm154($\gamma,2n$)Sm152	-13835.23 keV

<< 62-Sm-154	63-Eu-153	64-Gd-160 >>
<< 62-Sm-154 MT16 ($\gamma,2n$)	MT4 (γ,n) or MT5 (Eu152 production)	MT16 ($\gamma,2n$) >>



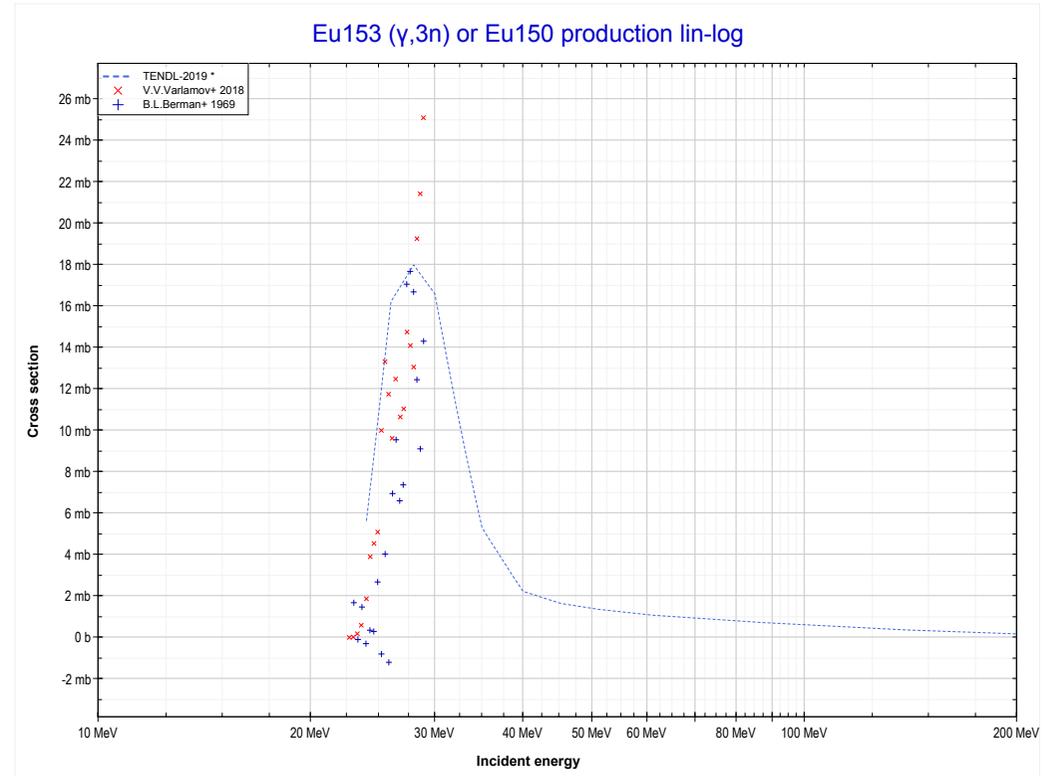
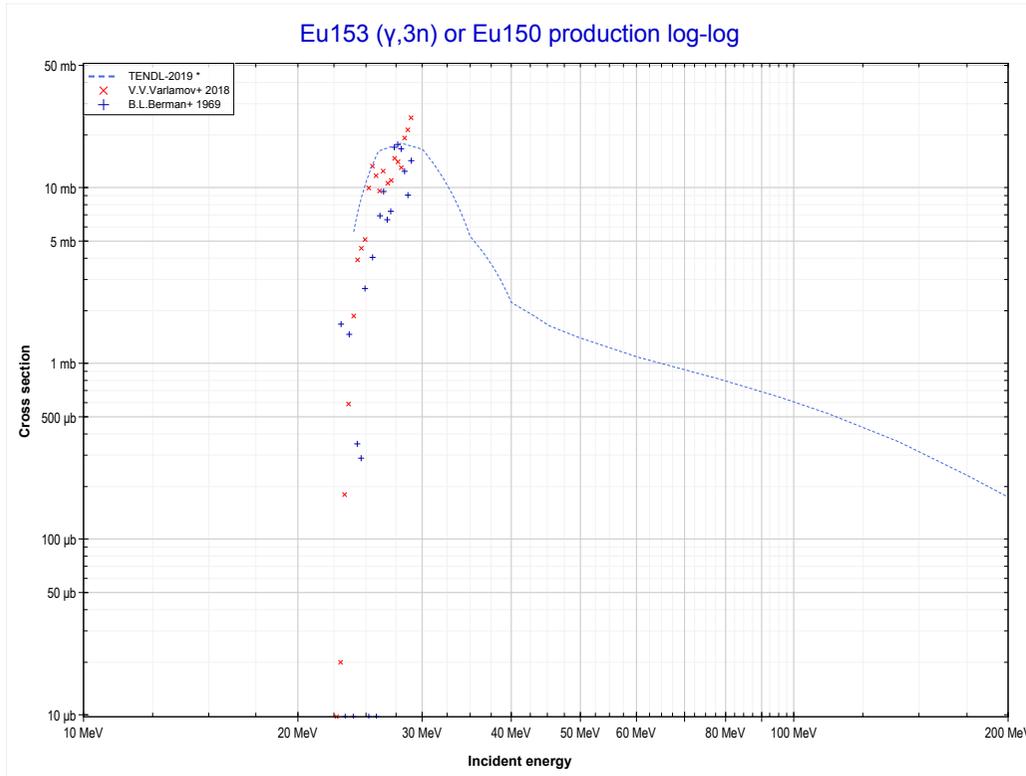
Reaction	Q-Value
Eu153(γ,n)Eu152	-8550.22 keV

<< 62-Sm-154	63-Eu-153	64-Gd-160 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Eu151 production)	MT17 ($\gamma,3n$) >>



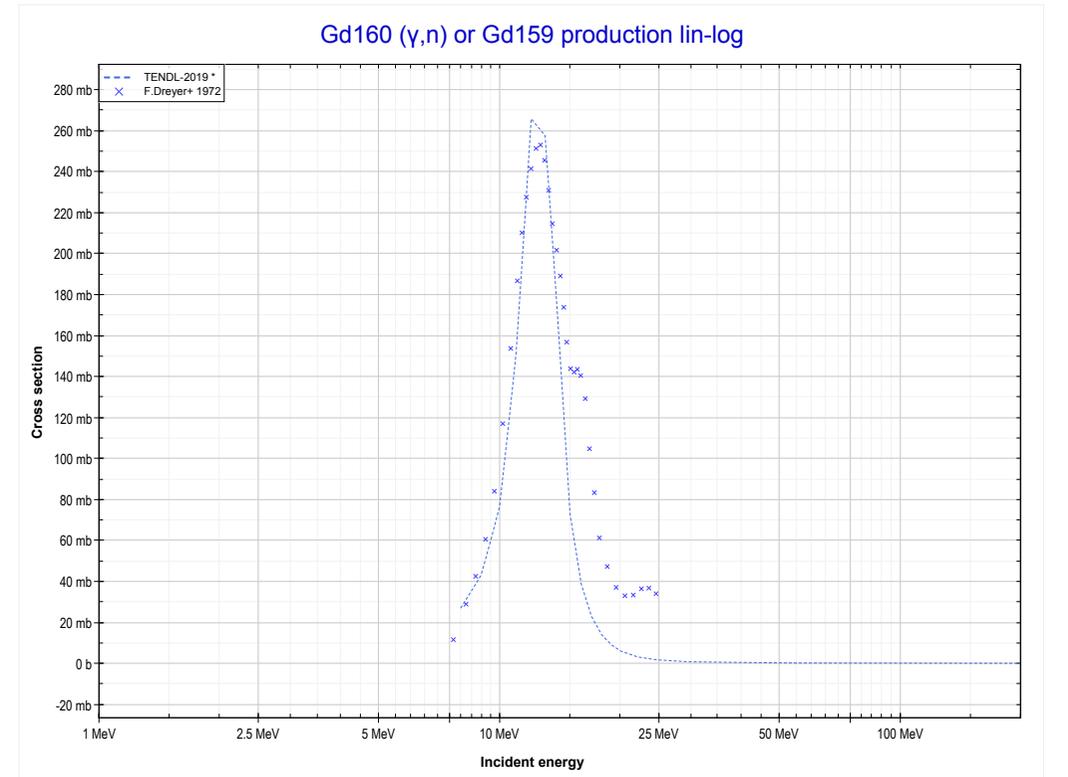
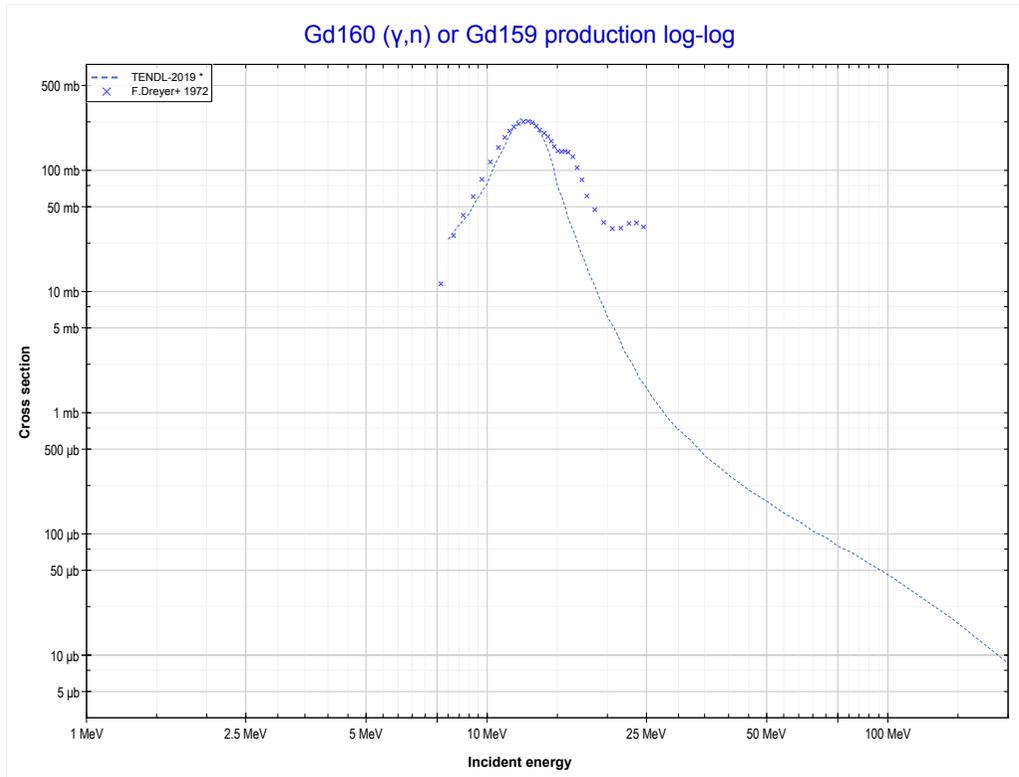
Reaction	Q-Value
Eu153($\gamma,2n$)Eu151	-14856.93 keV

<< 59-Pr-141	63-Eu-153	64-Gd-160 >>
<< MT16 ($\gamma,2n$)	MT17 ($\gamma,3n$) or MT5 (Eu150 production)	64-Gd-160 MT4 (γ,n) >>



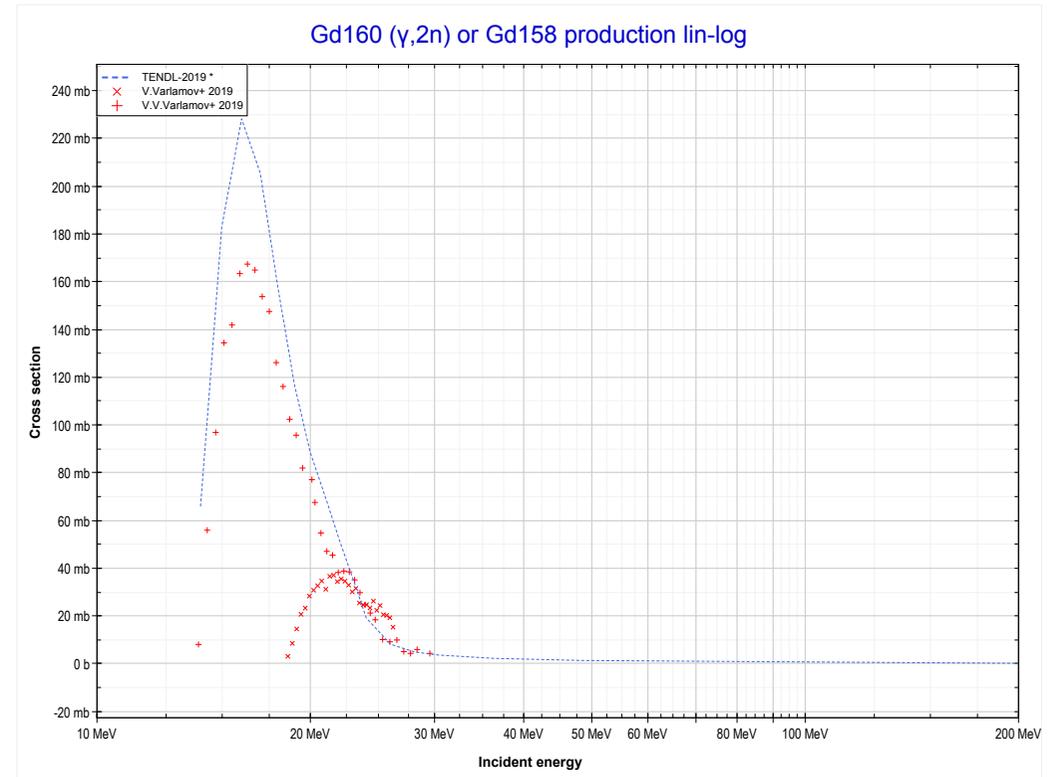
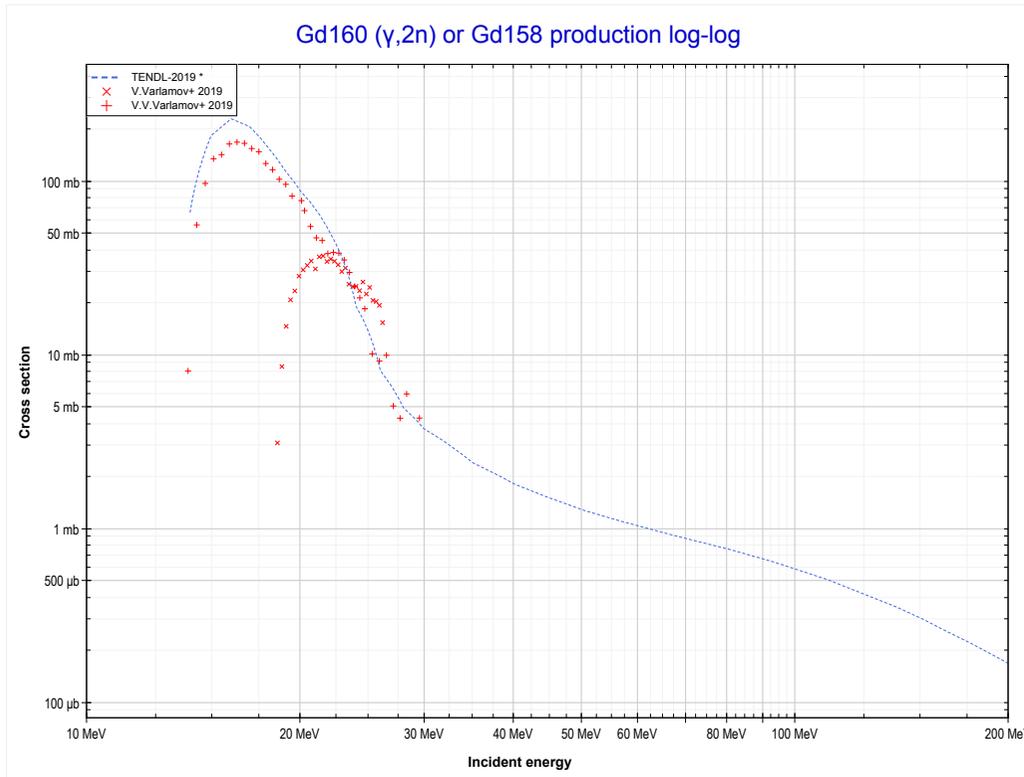
Reaction	Q-Value
Eu153($\gamma,3n$)Eu150	-22789.15 keV

<< 63-Eu-153	64-Gd-160	66-Dy-162 >>
<< 63-Eu-153 MT17 ($\gamma,3n$)	MT4 (γ,n) or MT5 (Gd159 production)	MT16 ($\gamma,2n$) >>



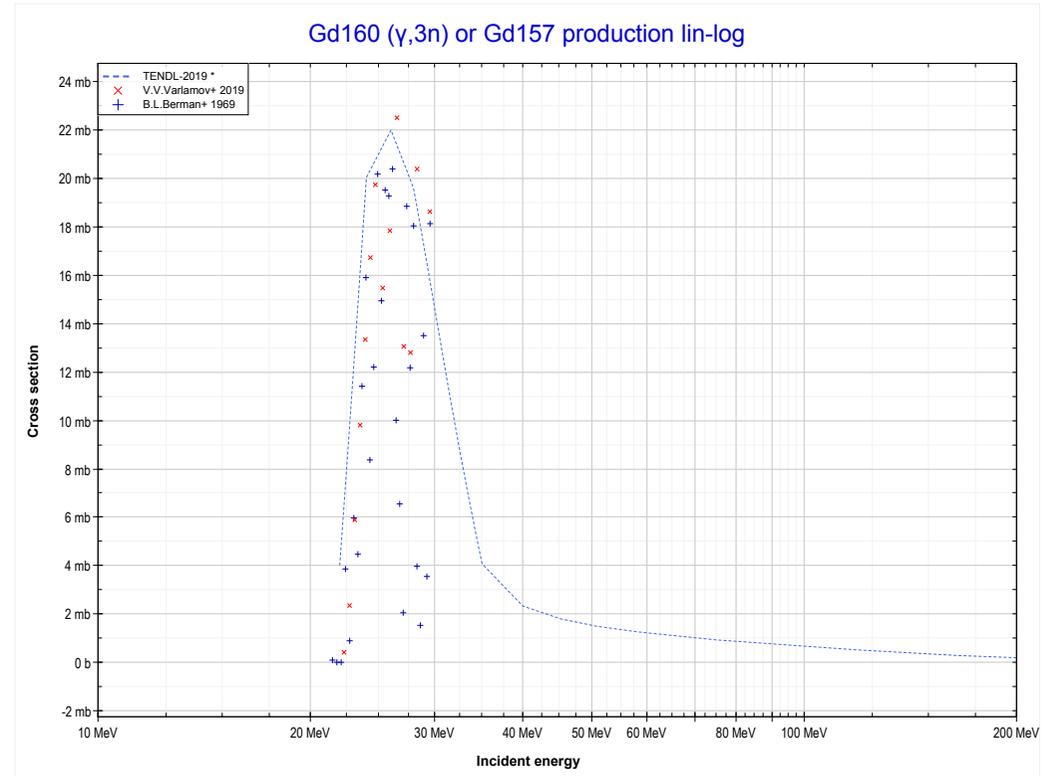
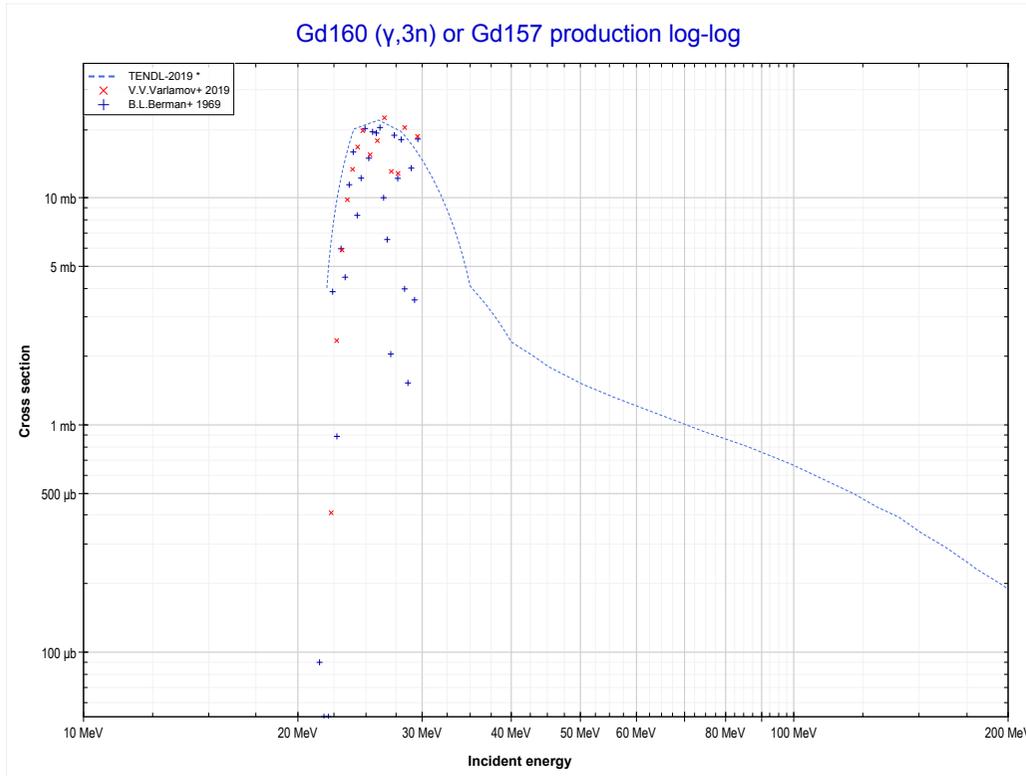
Reaction	Q-Value
Gd160(γ,n)Gd159	-7451.62 keV

<< 63-Eu-153	64-Gd-160	67-Ho-165 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Gd158 production)	MT17 ($\gamma,3n$) >>



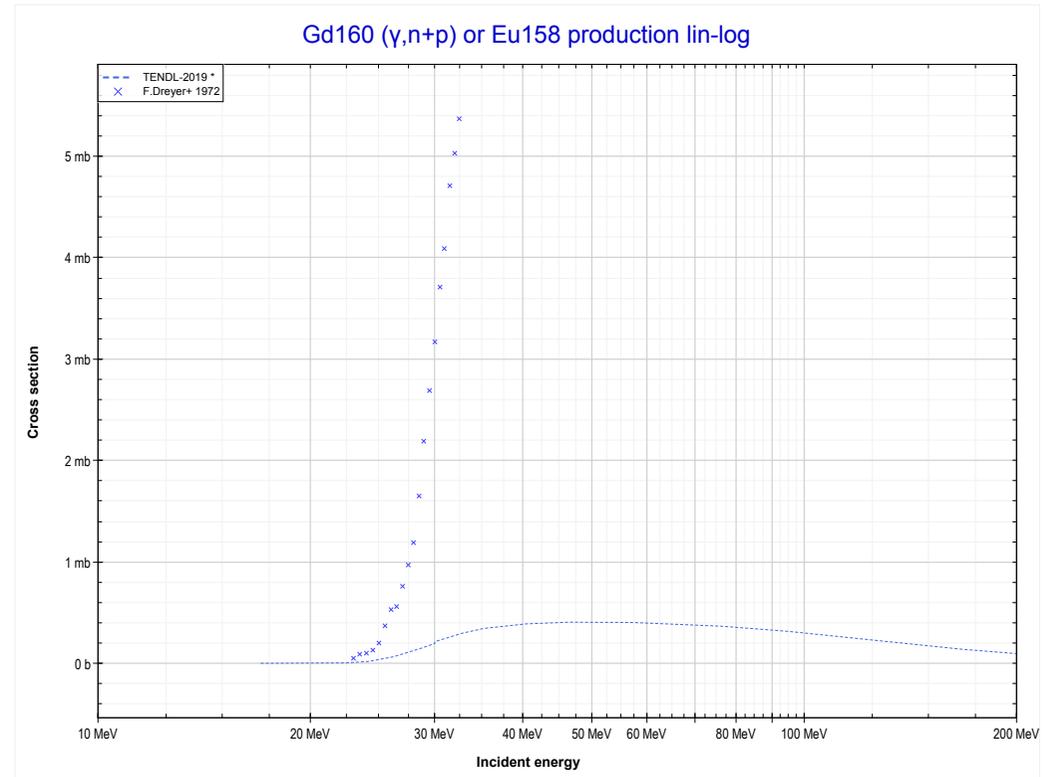
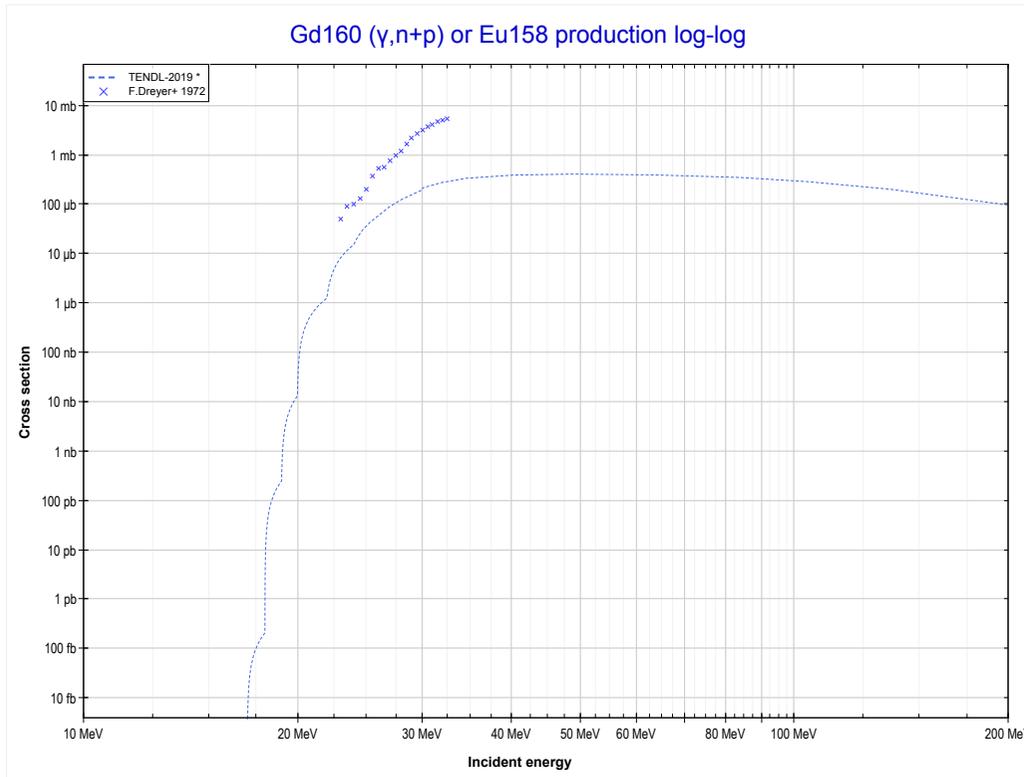
Reaction	Q-Value
Gd160($\gamma,2n$)Gd158	-13394.83 keV

<< 63-Eu-153	64-Gd-160	65-Tb-159 >>
<< MT16 ($\gamma,2n$)	MT17 ($\gamma,3n$) or MT5 (Gd157 production)	MT28 ($\gamma,n+p$) >>



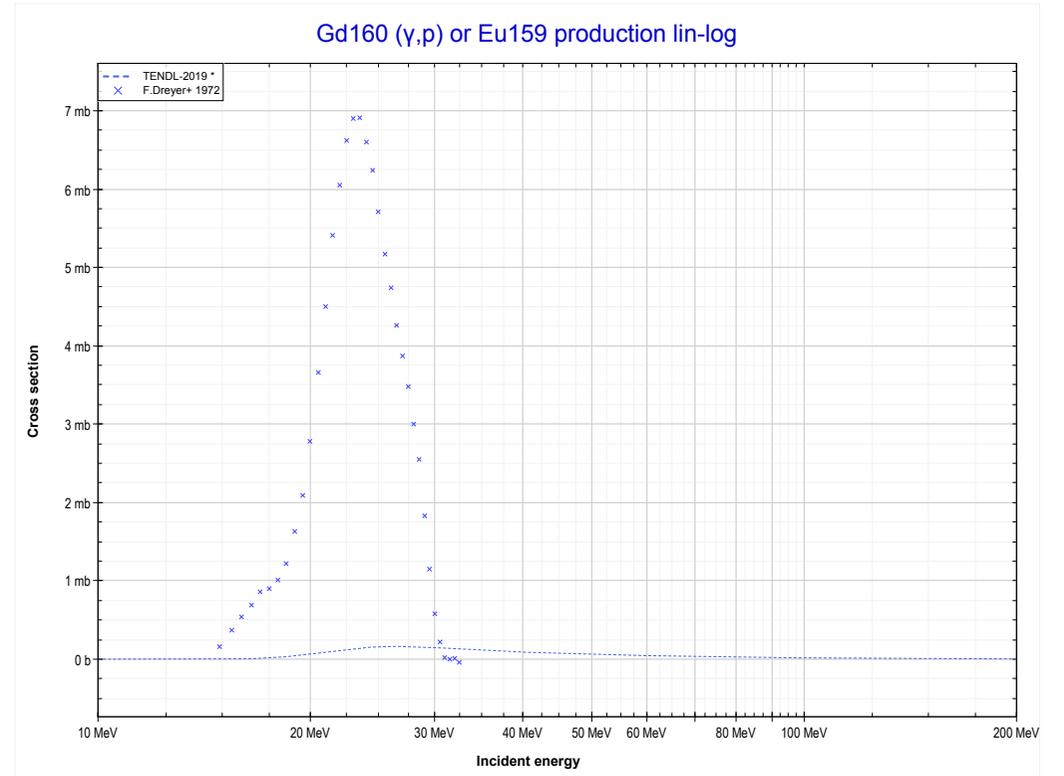
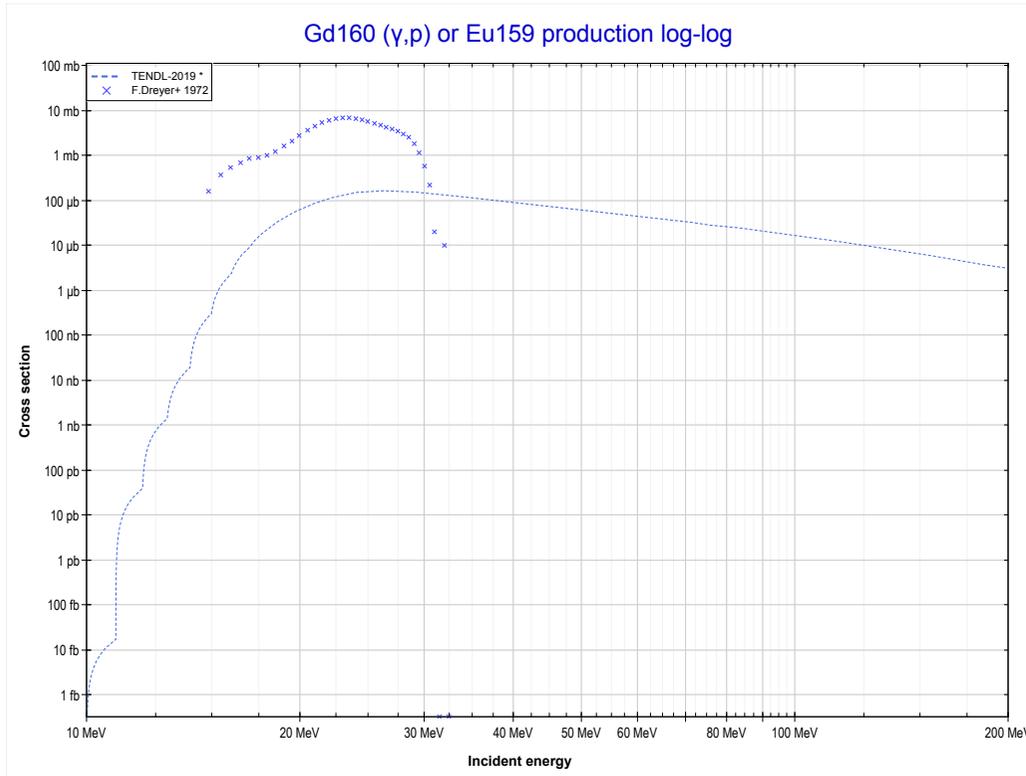
Reaction	Q-Value
Gd160($\gamma,3n$)Gd157	-21332.15 keV

<< 40-Zr-90	64-Gd-160	
<< MT17 ($\gamma,3n$)	MT28 ($\gamma,n+p$) or MT5 (Eu158 production)	MT103 (γ,p) >>



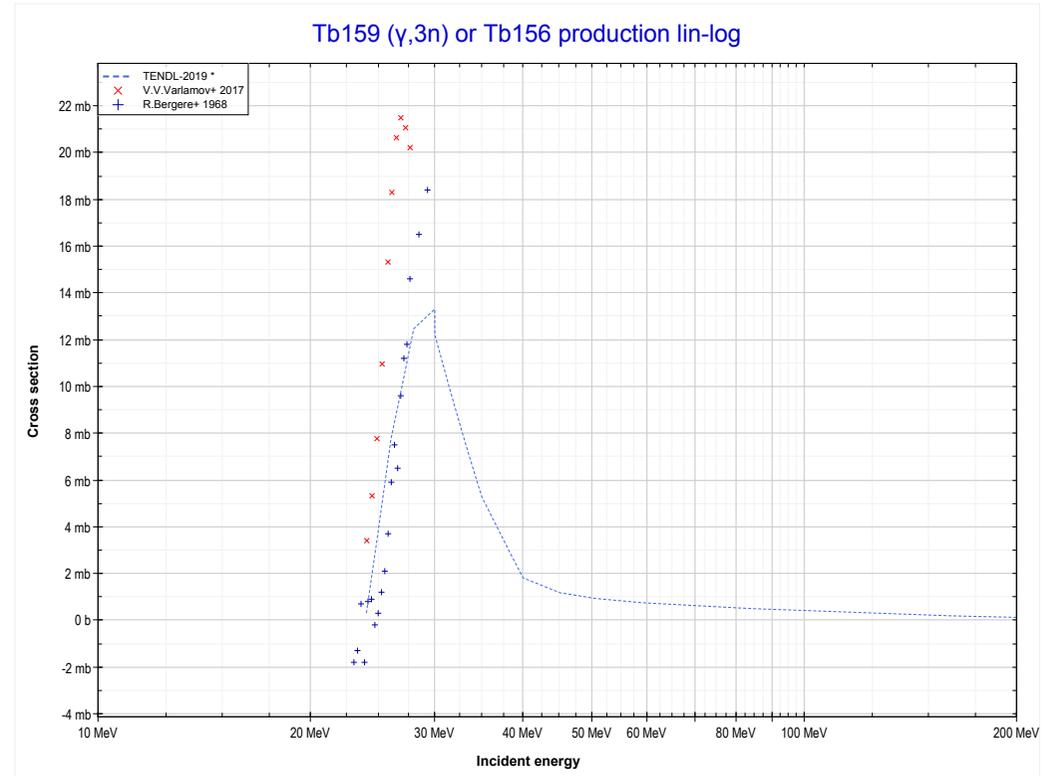
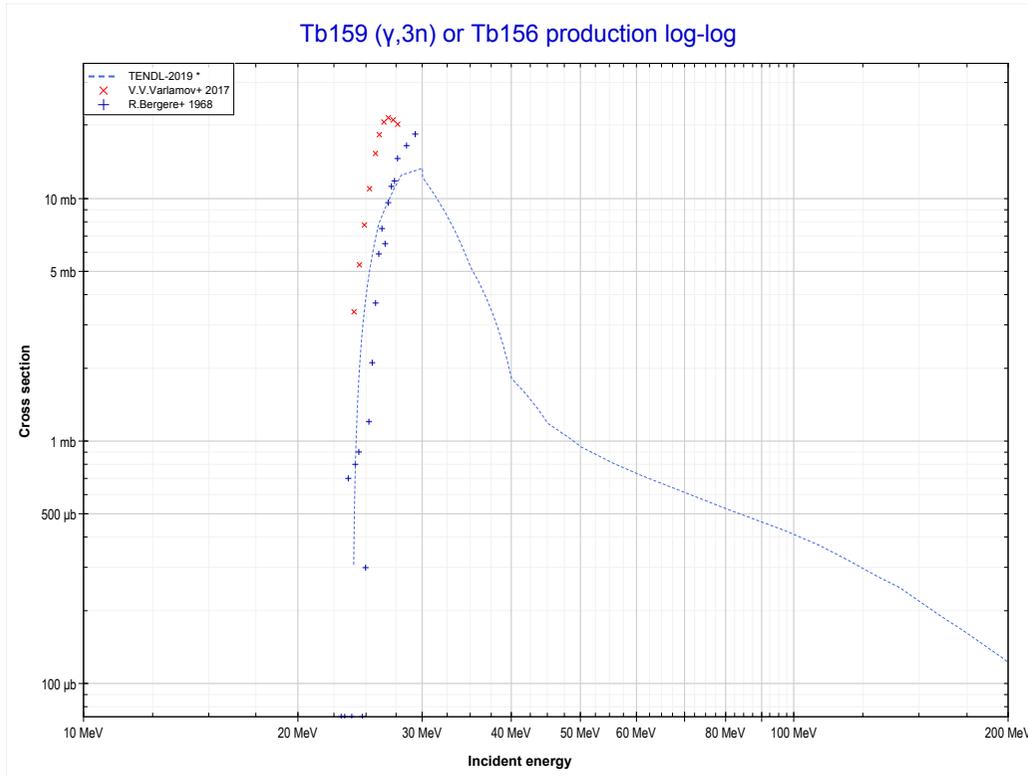
Reaction	Q-Value
Gd160(γ,d)Eu158	-13822.42 keV
Gd160($\gamma,n+p$)Eu158	-16046.99 keV

<< 46-Pd-108	64-Gd-160	
<< MT28 ($\gamma, n+p$)	MT103 (γ, p) or MT5 (Eu159 production)	65-Tb-159 MT17 ($\gamma, 3n$) >>



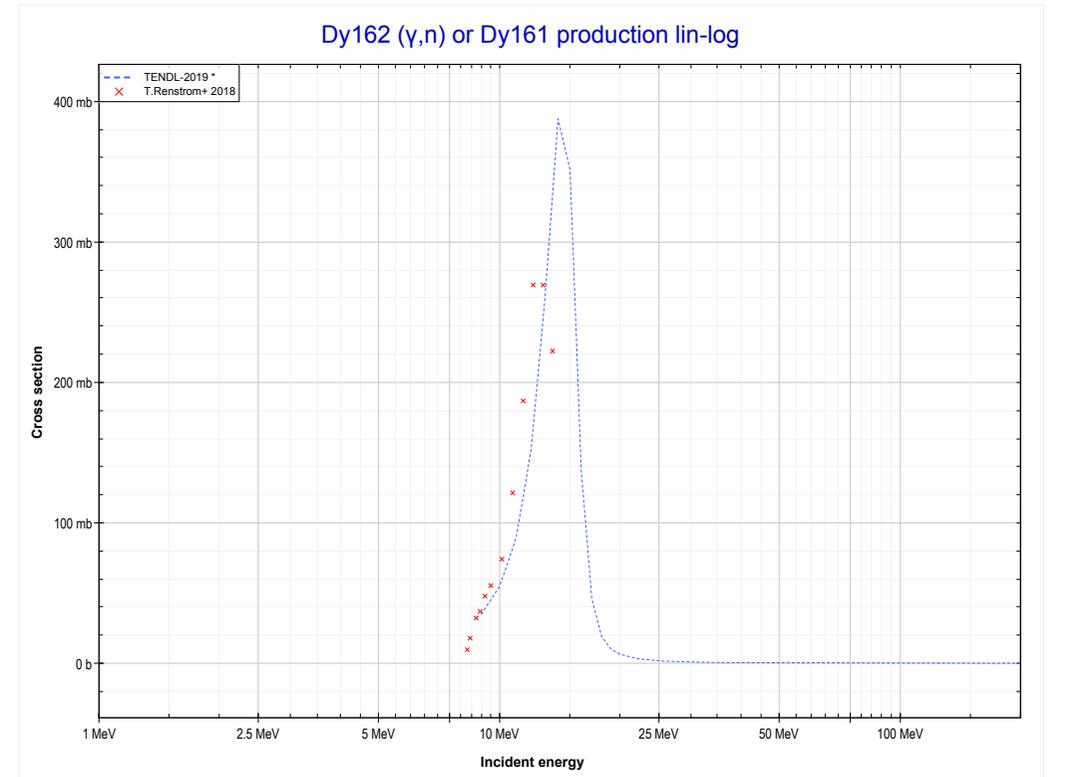
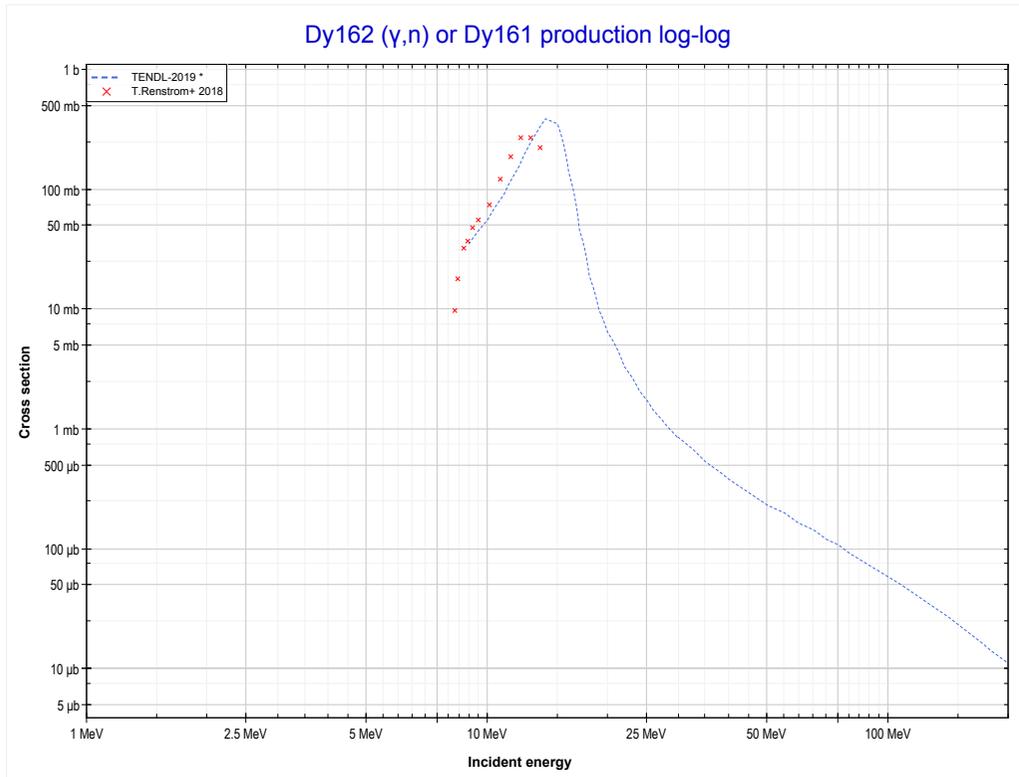
Reaction	Q-Value
Gd160(γ, p)Eu159	-9187.67 keV

<< 64-Gd-160	65-Tb-159	67-Ho-165 >>
<< 64-Gd-160 MT103 (γ,p)	MT17 (γ,3n) or MT5 (Tb156 production)	66-Dy-162 MT4 (γ,n) >>



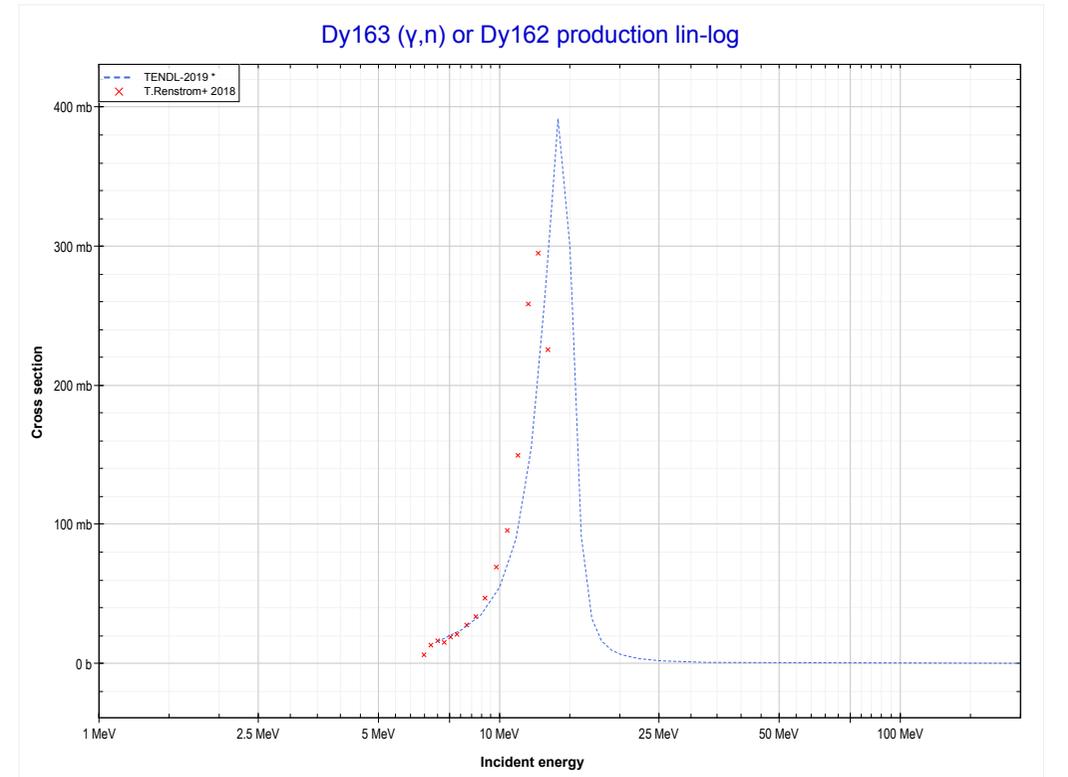
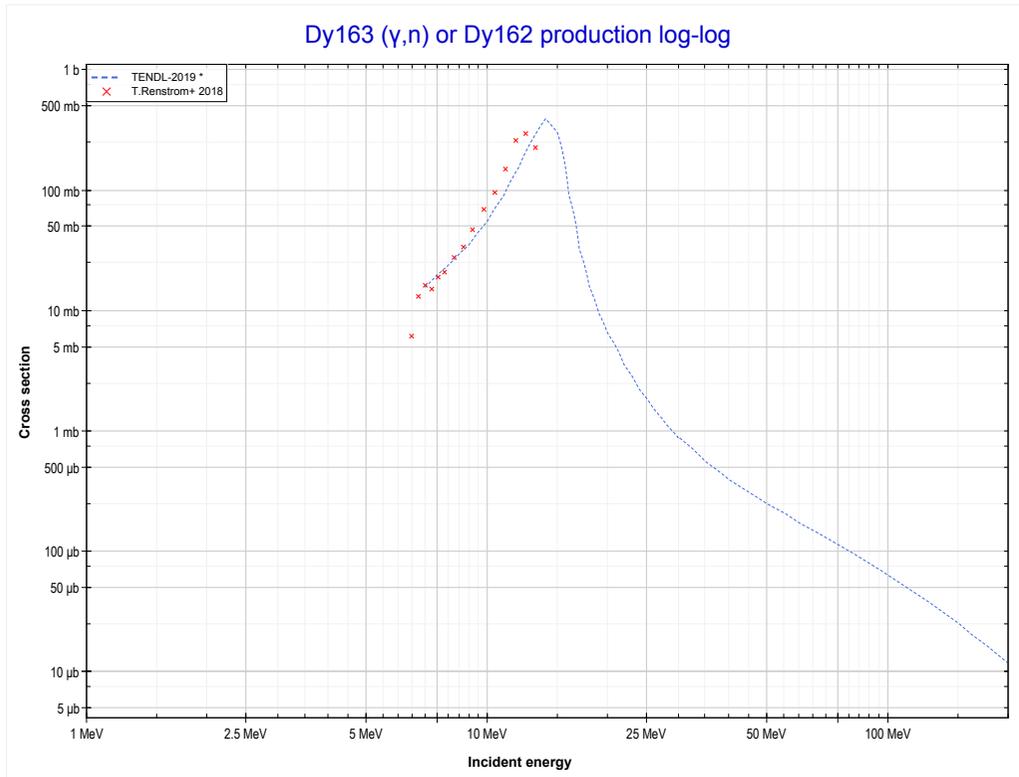
Reaction	Q-Value
Tb159(γ,3n)Tb156	-23655.35 keV

<< 64-Gd-160	66-Dy-162	66-Dy-163 >>
<< 65-Tb-159 MT17 ($\gamma,3n$)	MT4 (γ,n) or MT5 (Dy161 production)	66-Dy-163 MT4 (γ,n) >>



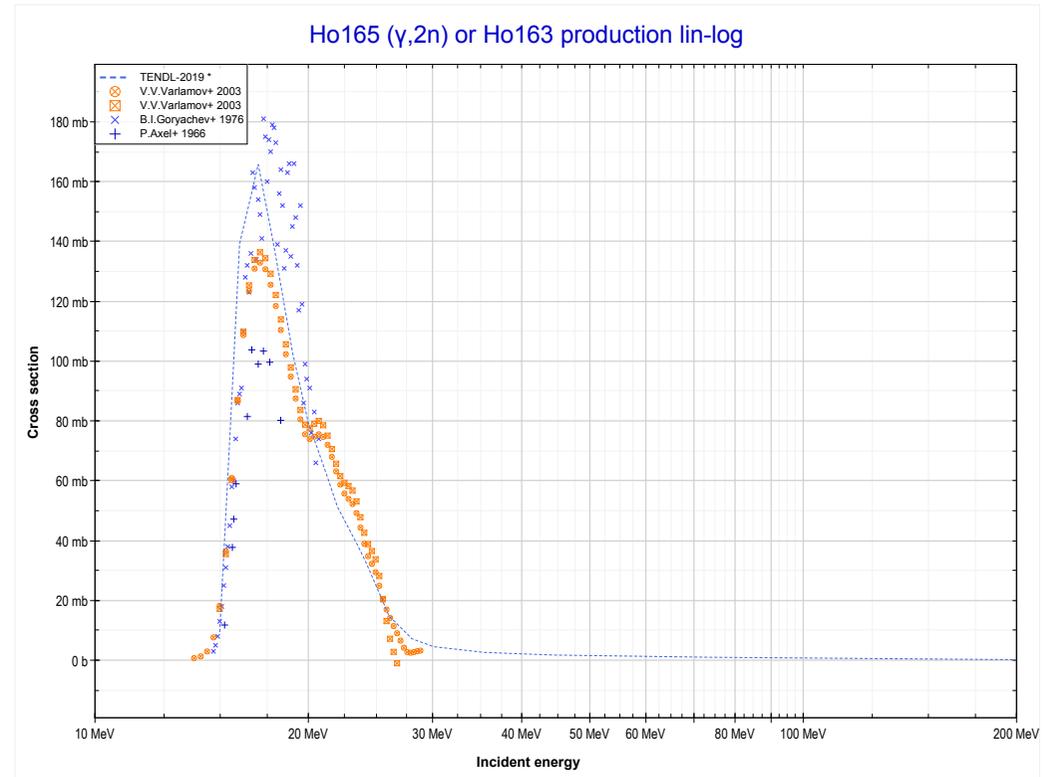
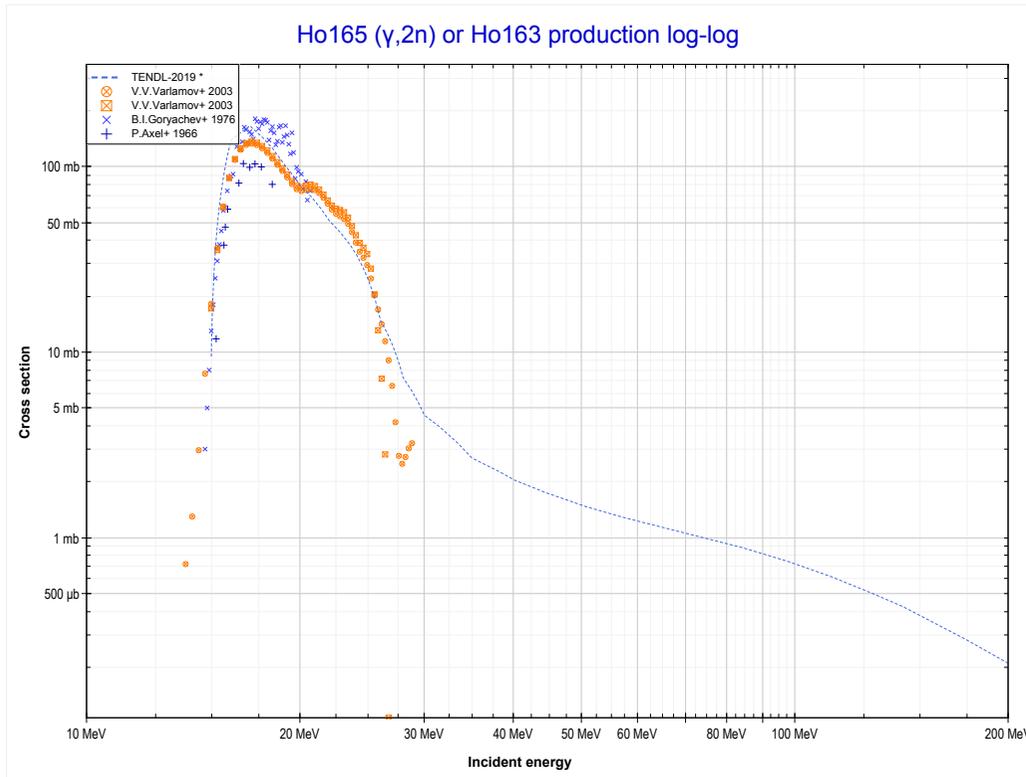
Reaction	Q-Value
Dy162(γ,n)Dy161	-8197.02 keV

<< 66-Dy-162	66-Dy-163	73-Ta-181 >>
<< 66-Dy-162 MT4 (γ,n)	MT4 (γ,n) or MT5 (Dy162 production)	67-Ho-165 MT16 (γ,2n) >>



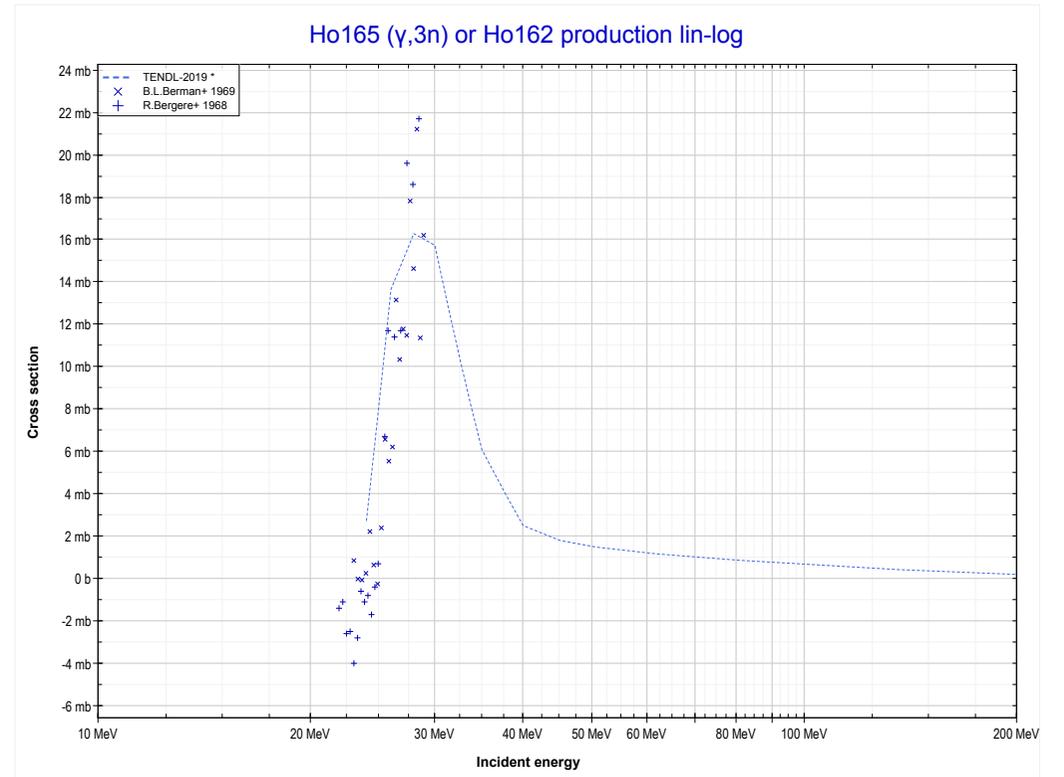
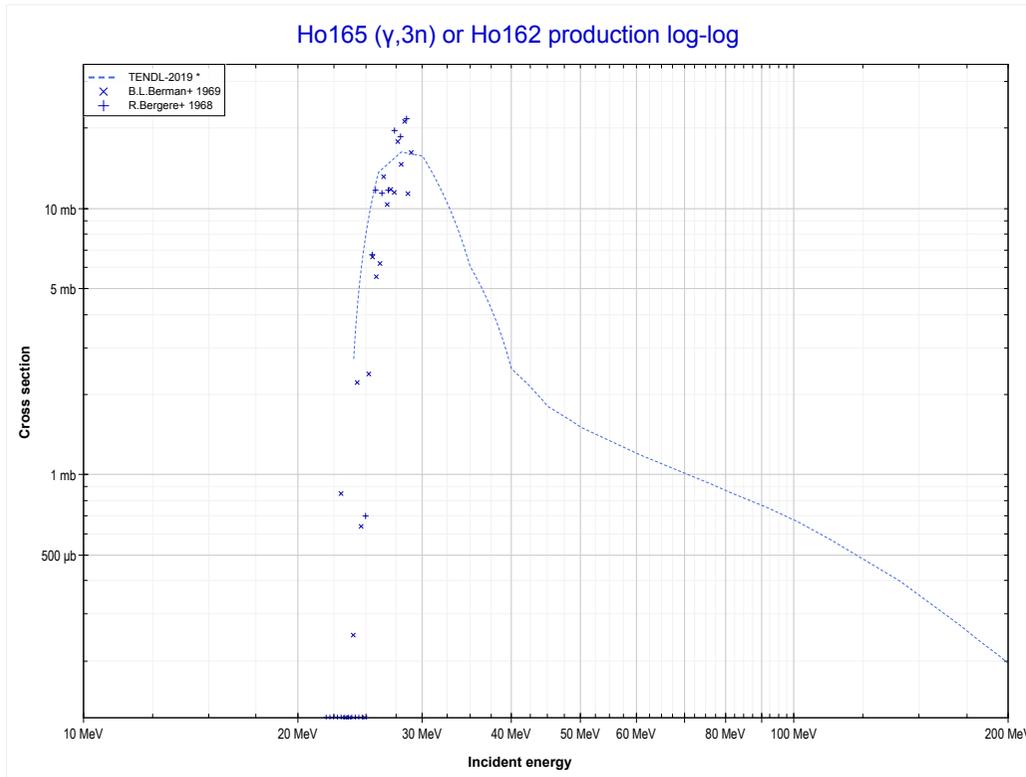
Reaction	Q-Value
Dy163(γ,n)Dy162	-6271.02 keV

<< 64-Gd-160	67-Ho-165	68-Er-166 >>
<< 66-Dy-163 MT4 (γ,n)	MT16 (γ,2n) or MT5 (Ho163 production)	MT17 (γ,3n) >>



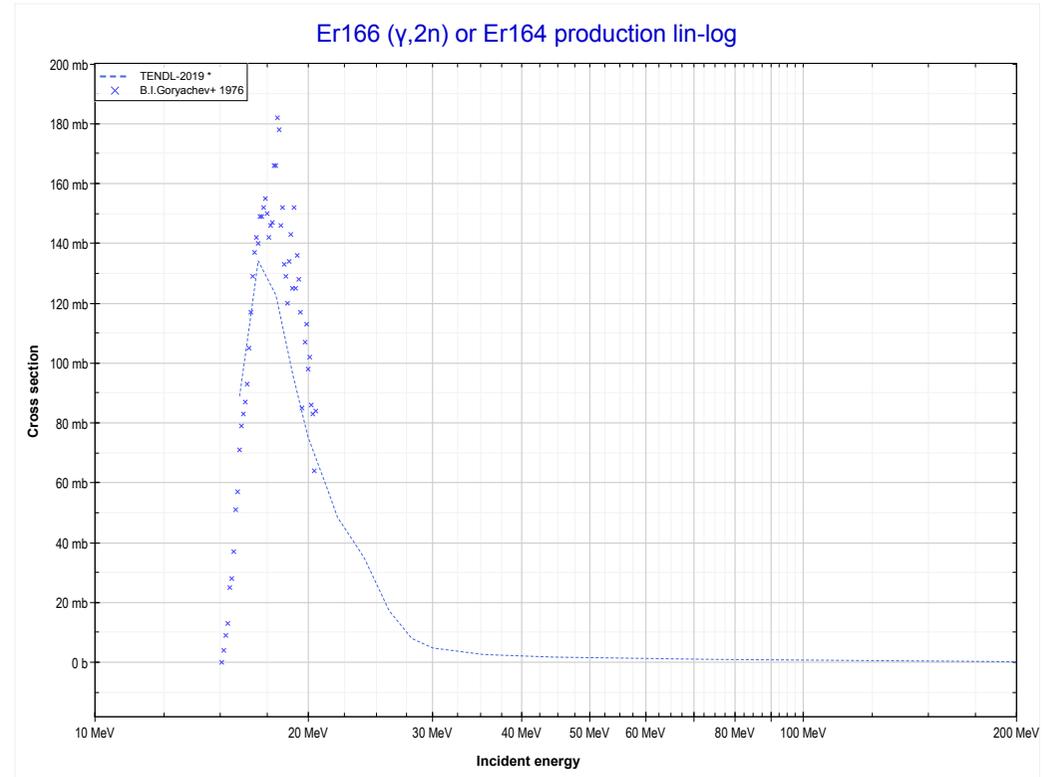
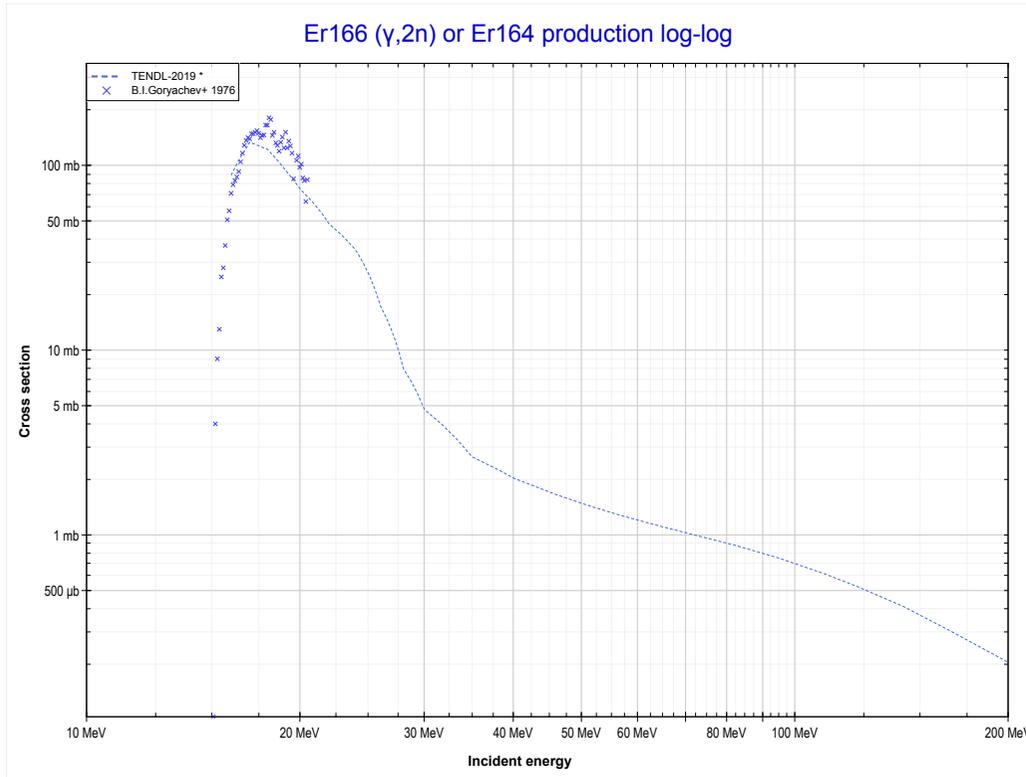
Reaction	Q-Value
Ho165(γ,2n)Ho163	-14663.33 keV

<< 65-Tb-159	67-Ho-165	71-Lu-175 >>
<< MT16 ($\gamma,2n$)	MT17 ($\gamma,3n$) or MT5 (Ho162 production)	68-Er-166 MT16 ($\gamma,2n$) >>



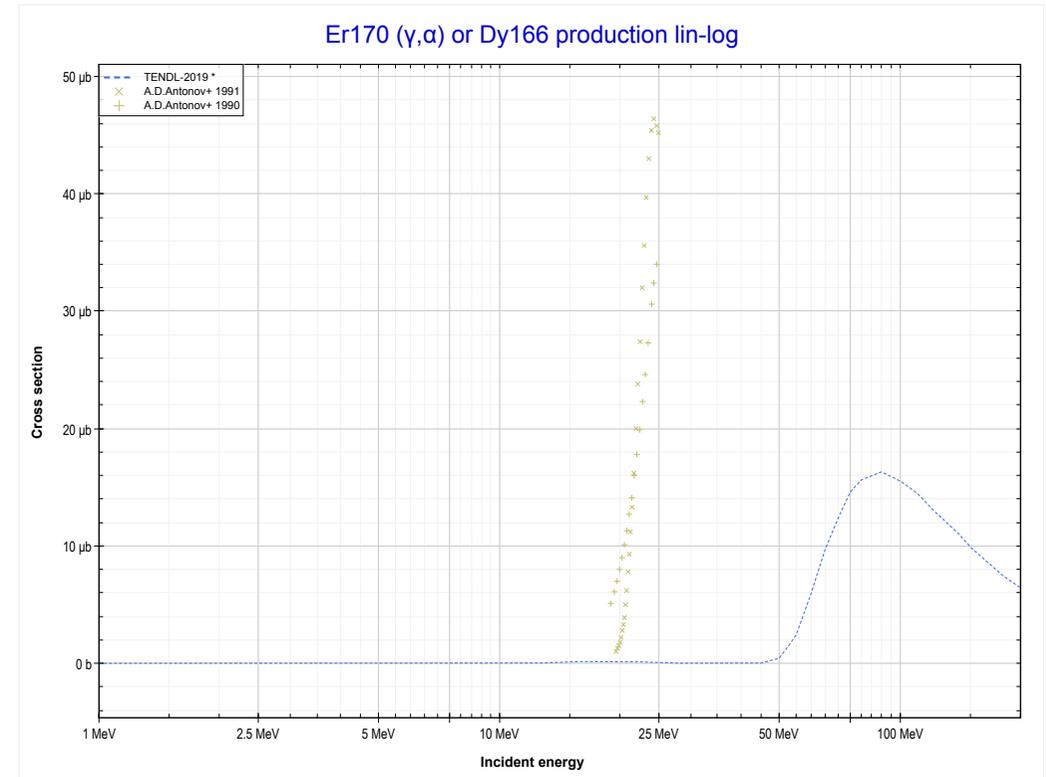
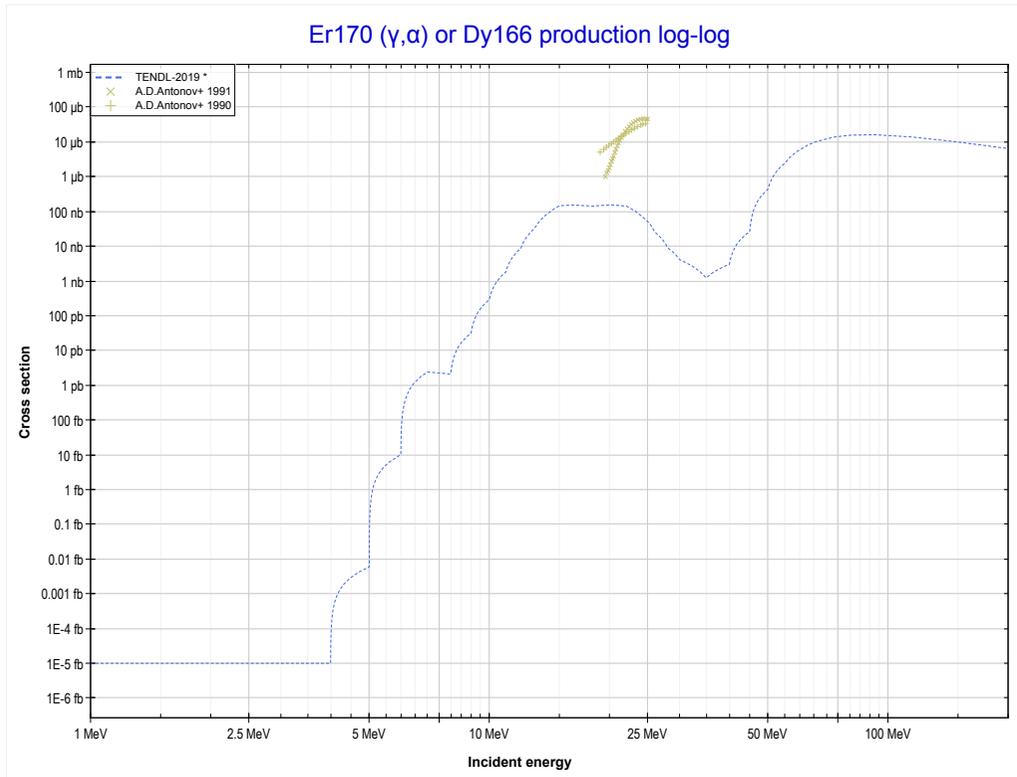
Reaction	Q-Value
Ho165($\gamma,3n$)Ho162	-23070.95 keV

<< 67-Ho-165	68-Er-166	72-Hf-178 >>
<< 67-Ho-165 MT17 ($\gamma,3n$)	MT16 ($\gamma,2n$) or MT5 (Er164 production)	68-Er-170 MT107 (γ,α) >>



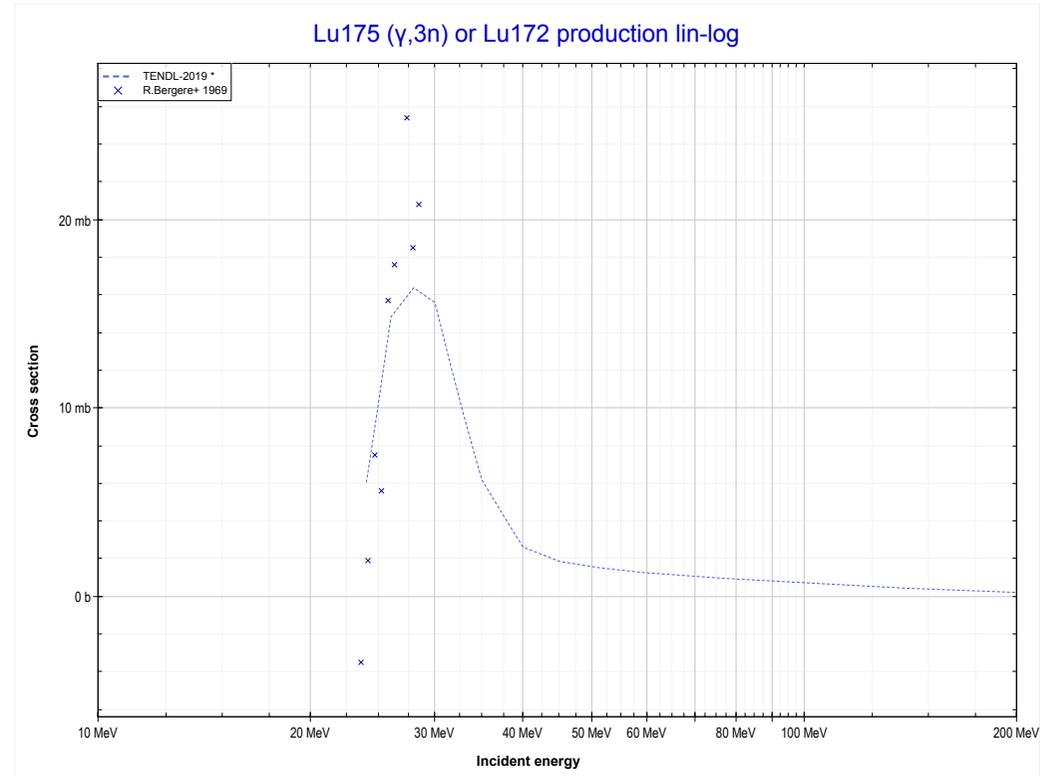
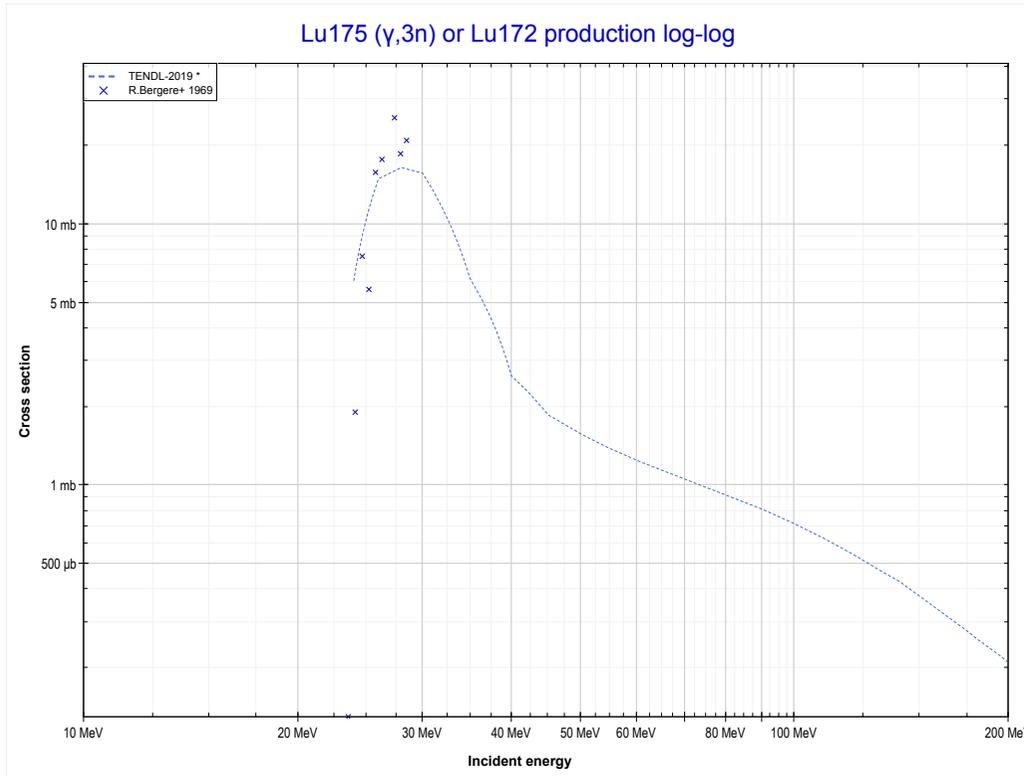
Reaction	Q-Value
Er166($\gamma,2n$)Er164	-15125.73 keV

<< 41-Nb-93	68-Er-170	
<< 68-Er-166 MT16 ($\gamma,2n$)	MT107 (γ,α) or MT5 (Dy166 production)	71-Lu-175 MT17 ($\gamma,3n$) >>



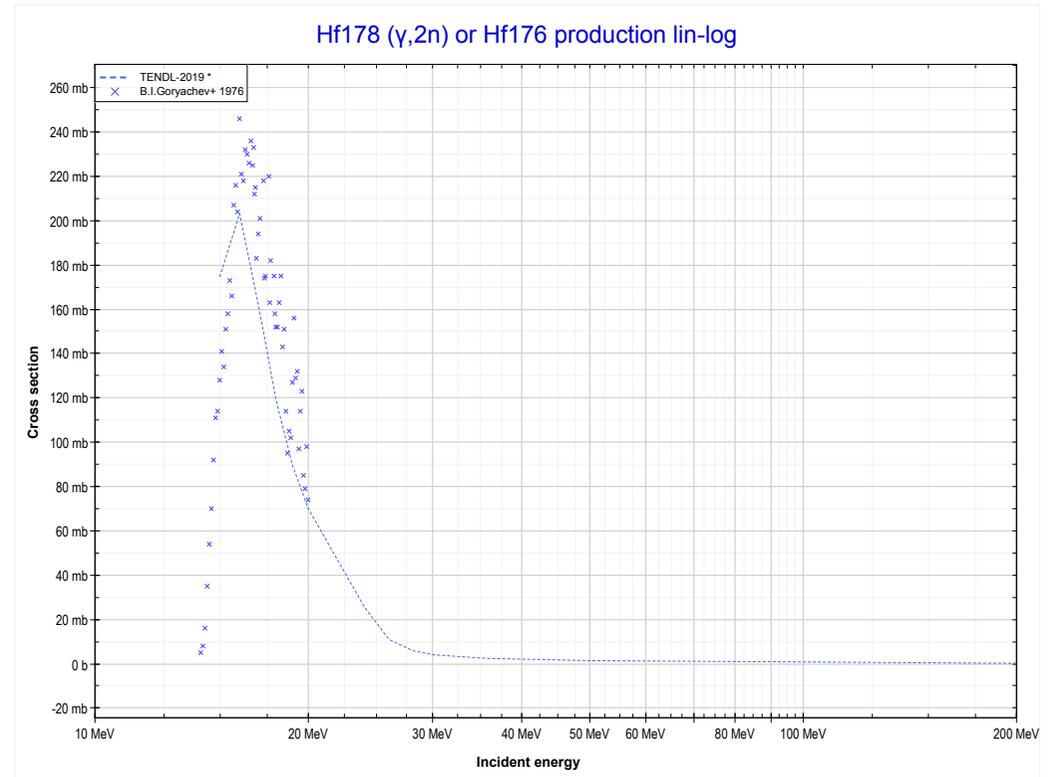
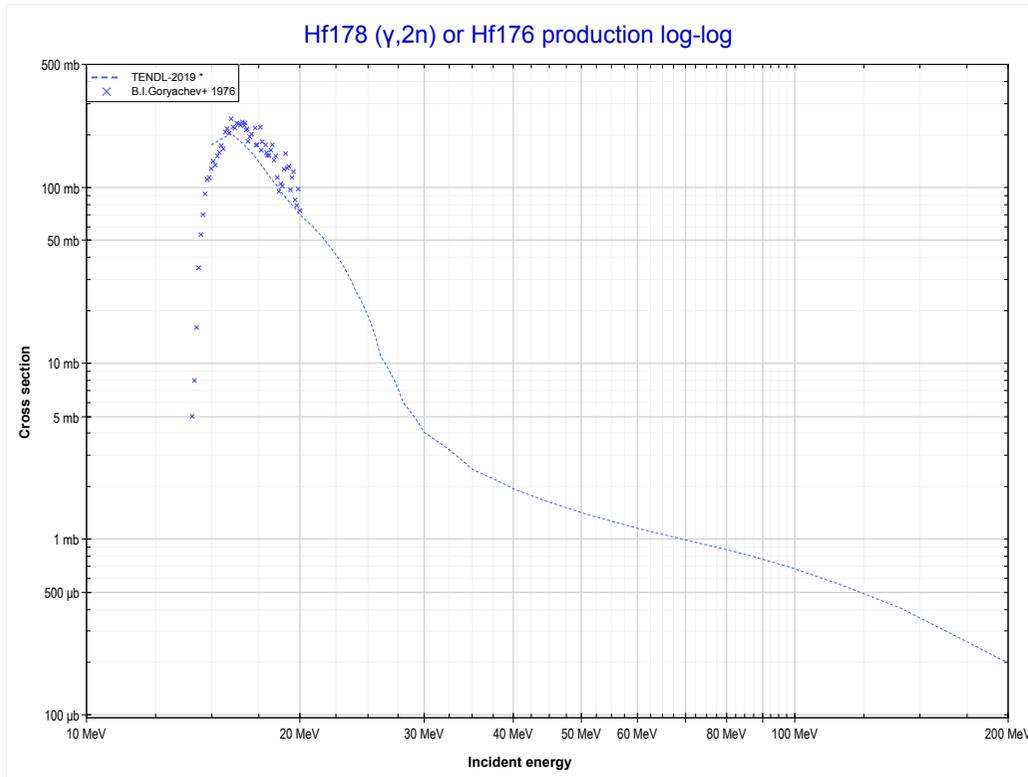
Reaction	Q-Value
Er170(γ,α)Dy166	51.18 keV
Er170($\gamma,p+t$)Dy166	-19762.68 keV
Er170($\gamma,n+He3$)Dy166	-20526.44 keV
Er170($\gamma,2d$)Dy166	-23795.34 keV
Er170($\gamma,n+p+d$)Dy166	-26019.91 keV
Er170($\gamma,2n+2p$)Dy166	-28244.48 keV

<< 67-Ho-165	71-Lu-175	73-Ta-181 >>
<< 68-Er-170 MT107 (γ, α)	MT17 ($\gamma, 3n$) or MT5 (Lu172 production)	72-Hf-178 MT16 ($\gamma, 2n$) >>



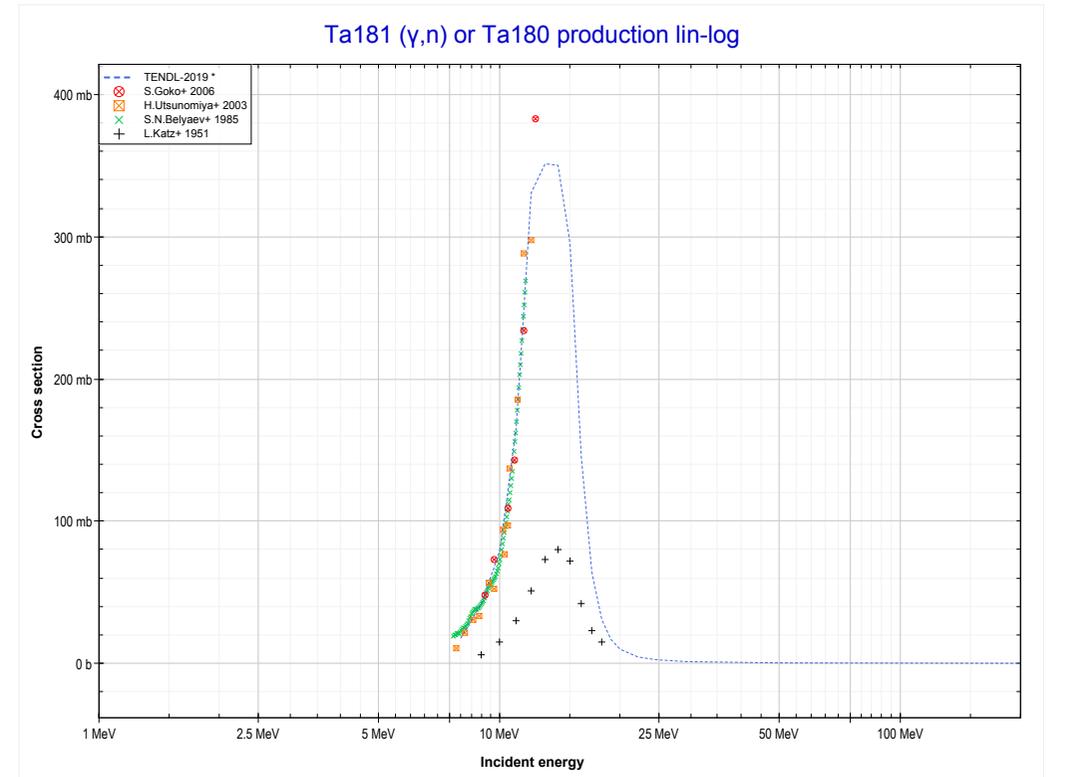
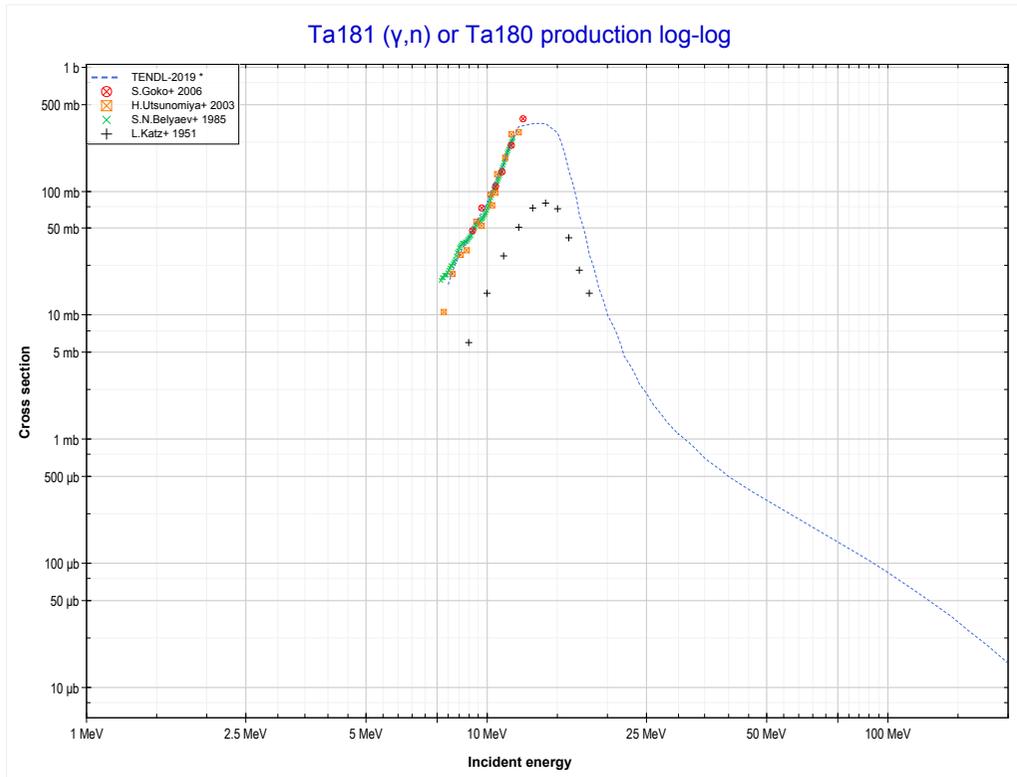
Reaction	Q-Value
Lu175($\gamma, 3n$)Lu172	-22643.55 keV

<< 68-Er-166	72-Hf-178	73-Ta-181 >>
<< 71-Lu-175 MT17 (γ,3n)	MT16 (γ,2n) or MT5 (Hf176 production)	73-Ta-181 MT4 (γ,n) >>



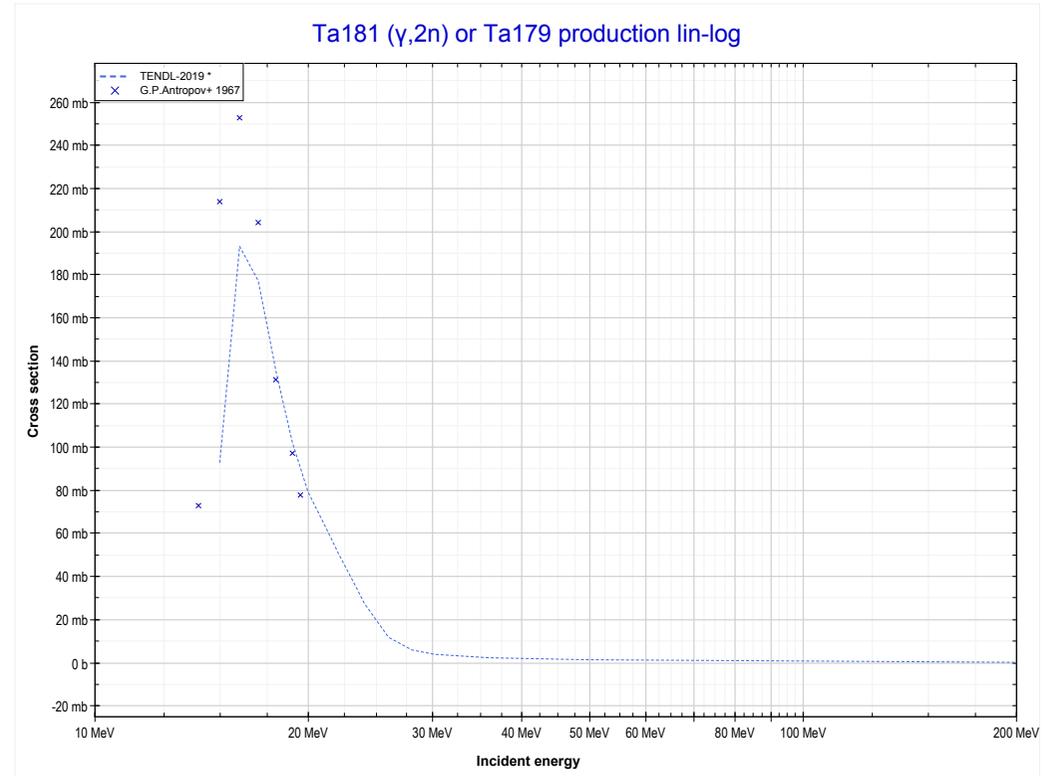
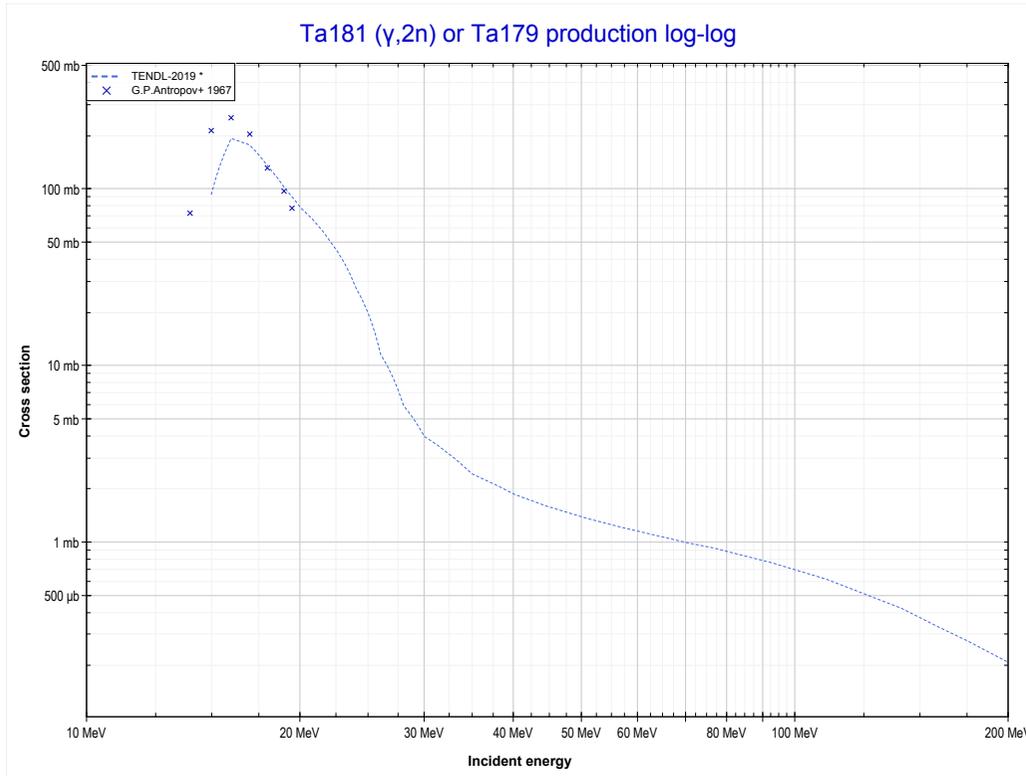
Reaction	Q-Value
Hf178(γ,2n)Hf176	-14001.53 keV

<< 66-Dy-163	73-Ta-181	74-W-186 >>
<< 72-Hf-178 MT16 ($\gamma,2n$)	MT4 (γ,n) or MT5 (Ta180 production)	MT16 ($\gamma,2n$) >>



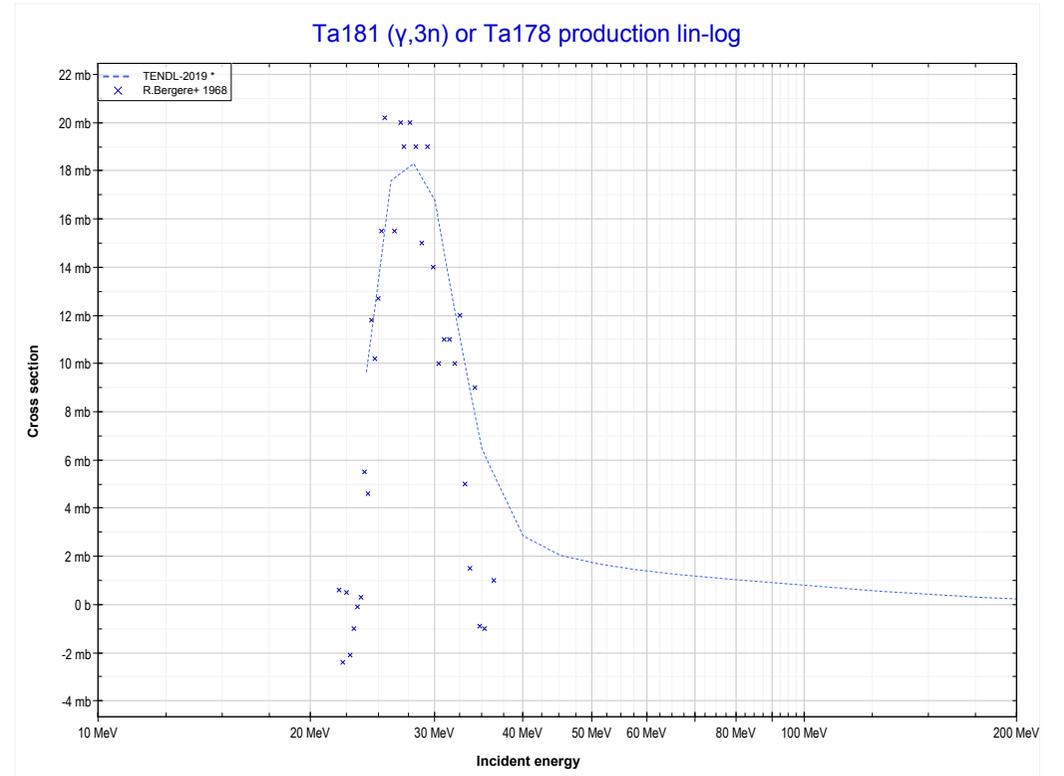
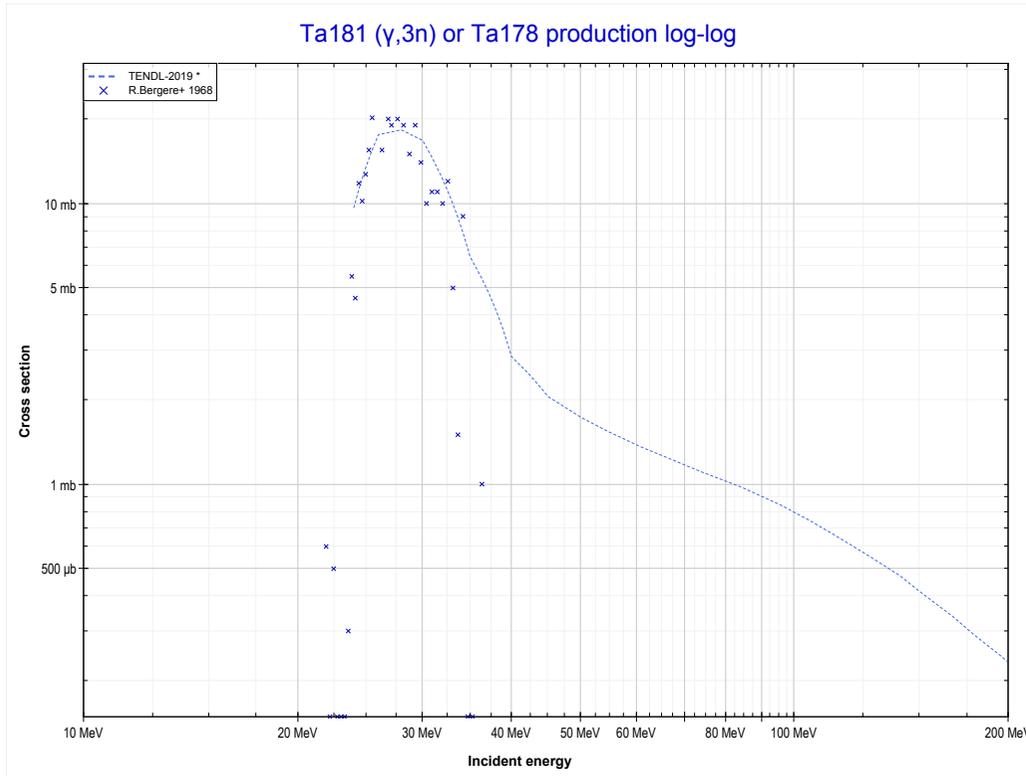
Reaction	Q-Value
Ta181(γ,n)Ta180	-7576.72 keV

<< 72-Hf-178	73-Ta-181	76-Os-186 >>
<< MT4 (γ, n)	MT16 ($\gamma, 2n$) or MT5 (Ta179 production)	MT17 ($\gamma, 3n$) >>



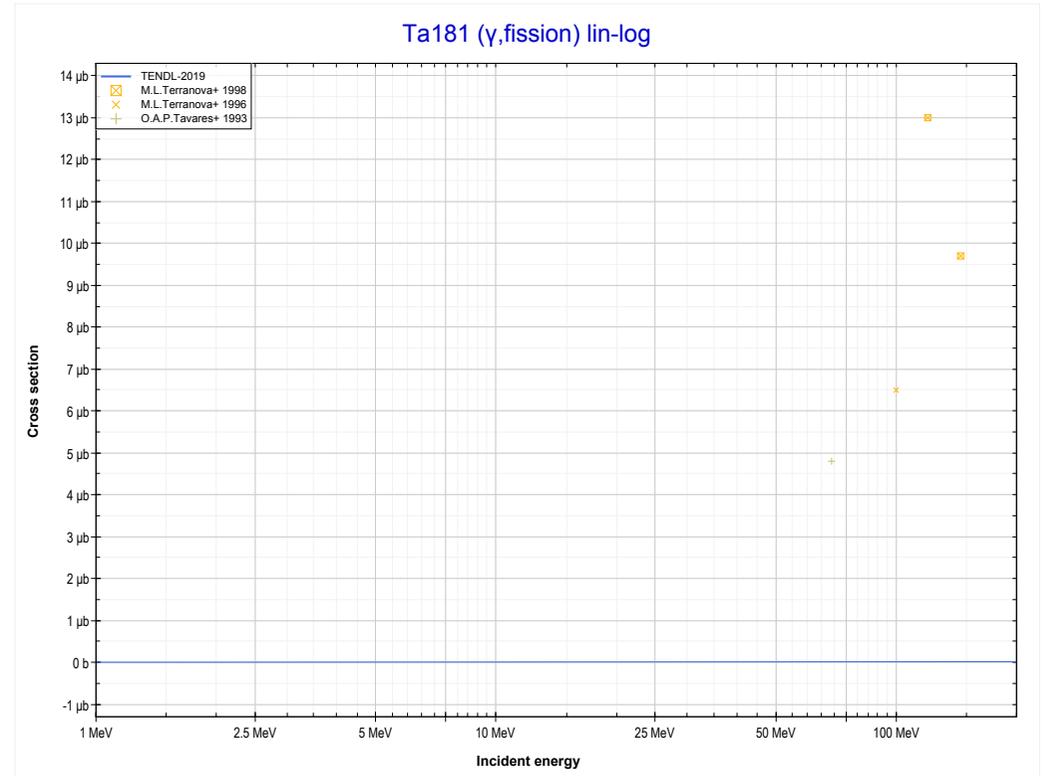
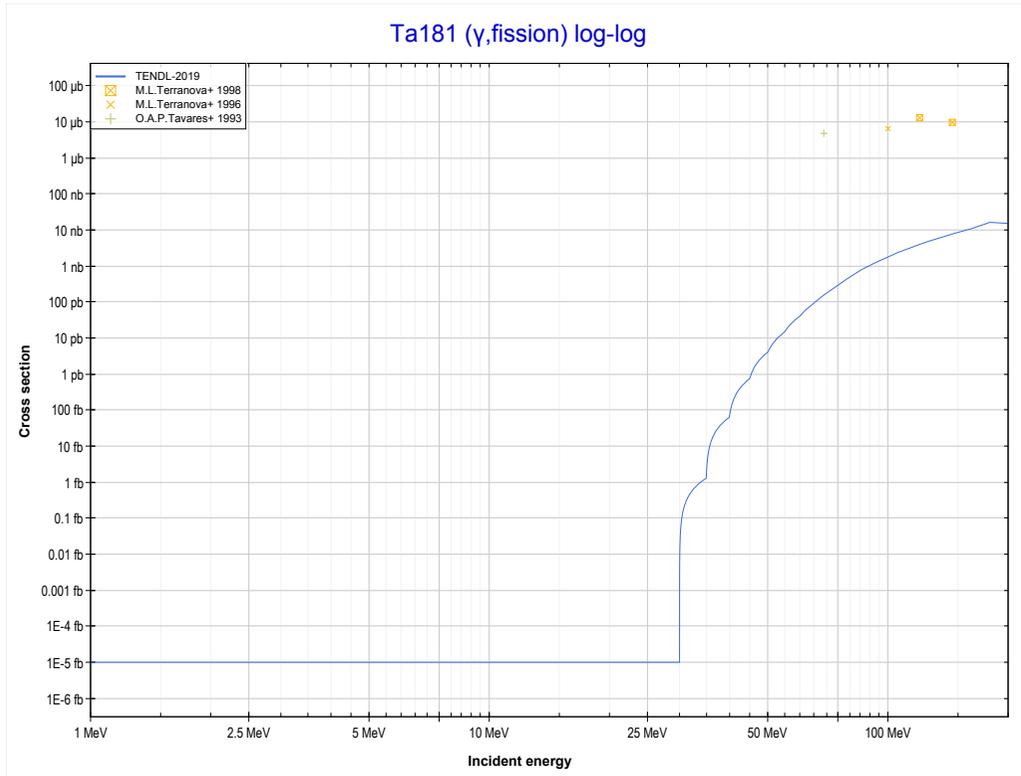
Reaction	Q-Value
Ta181($\gamma, 2n$)Ta179	-14223.63 keV

<< 71-Lu-175	73-Ta-181	74-W-186 >>
<< MT16 ($\gamma,2n$)	MT17 ($\gamma,3n$) or MT5 (Ta178 production)	MT18 (γ ,fission) >>

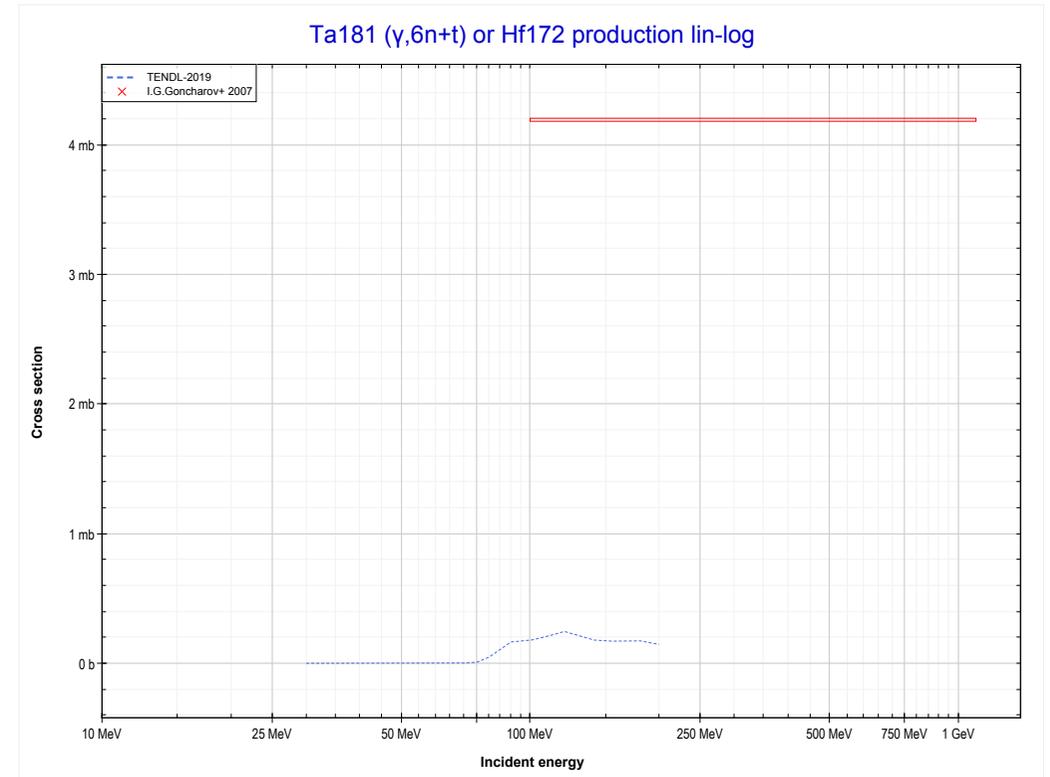
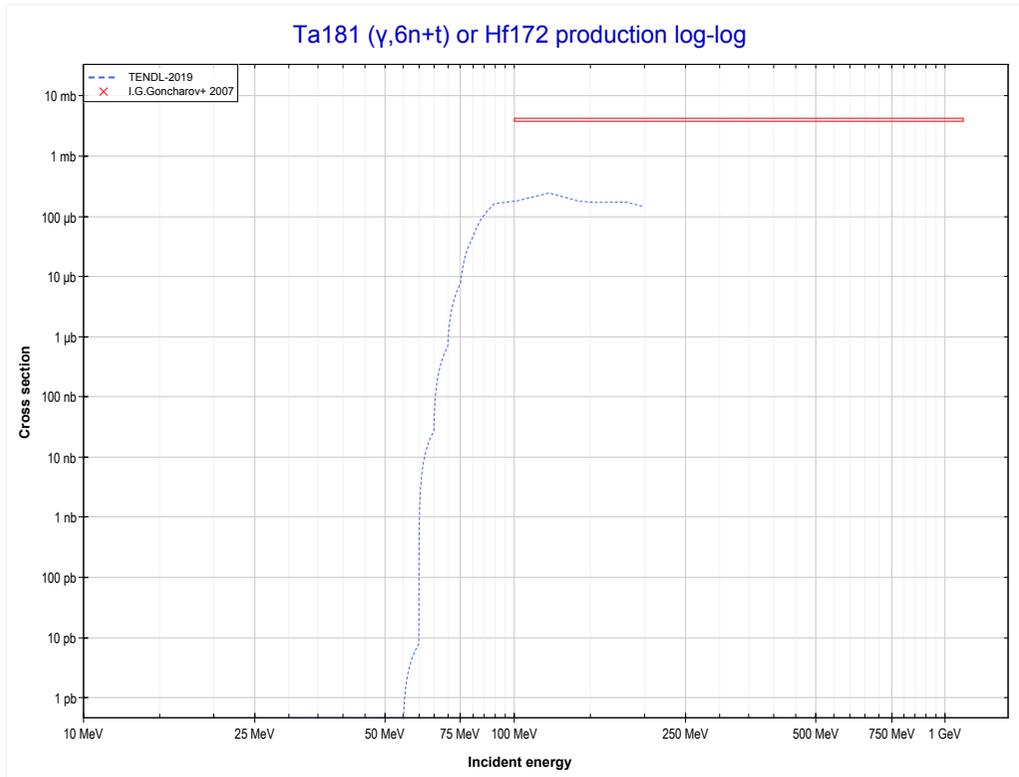


Reaction	Q-Value
Ta181($\gamma,3n$)Ta178	-22052.25 keV

	73-Ta-181	74-W-182 >>
<< MT17 ($\gamma,3n$)	MT18 (γ,fission)	MT175 ($\gamma,6n+t$) >>

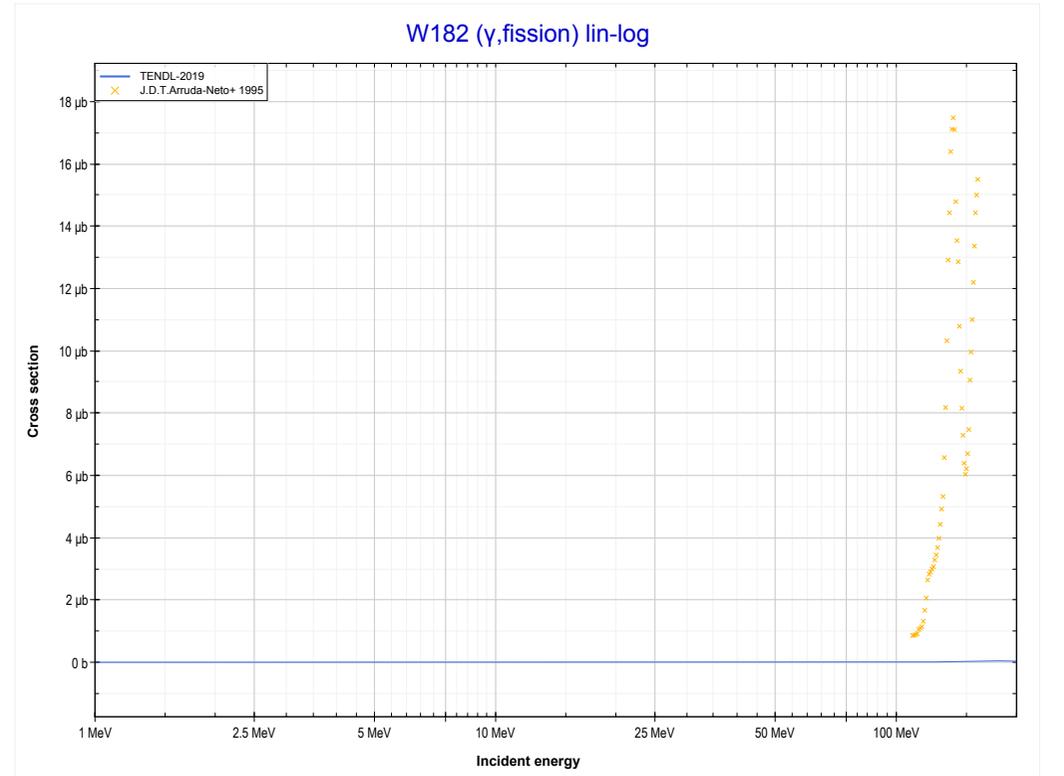
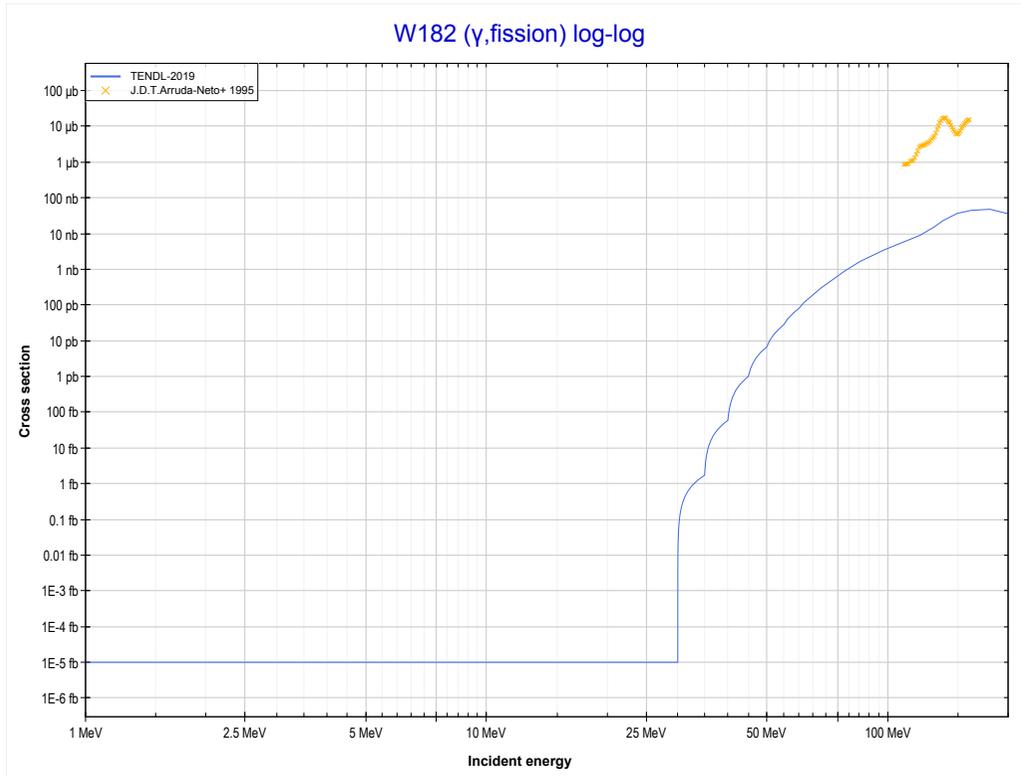


	73-Ta-181	
<< MT18 (γ ,fission)	MT175 (γ,6n+t) or MT5 (Hf172 production)	74-W-182 MT18 (γ ,fission) >>

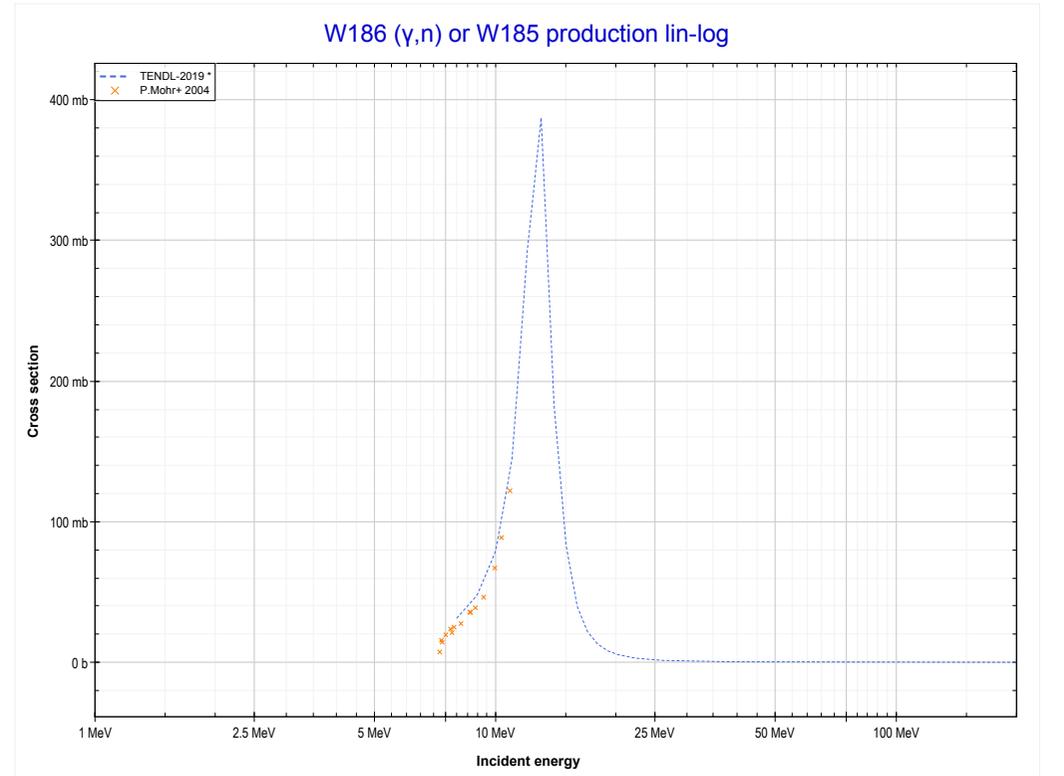
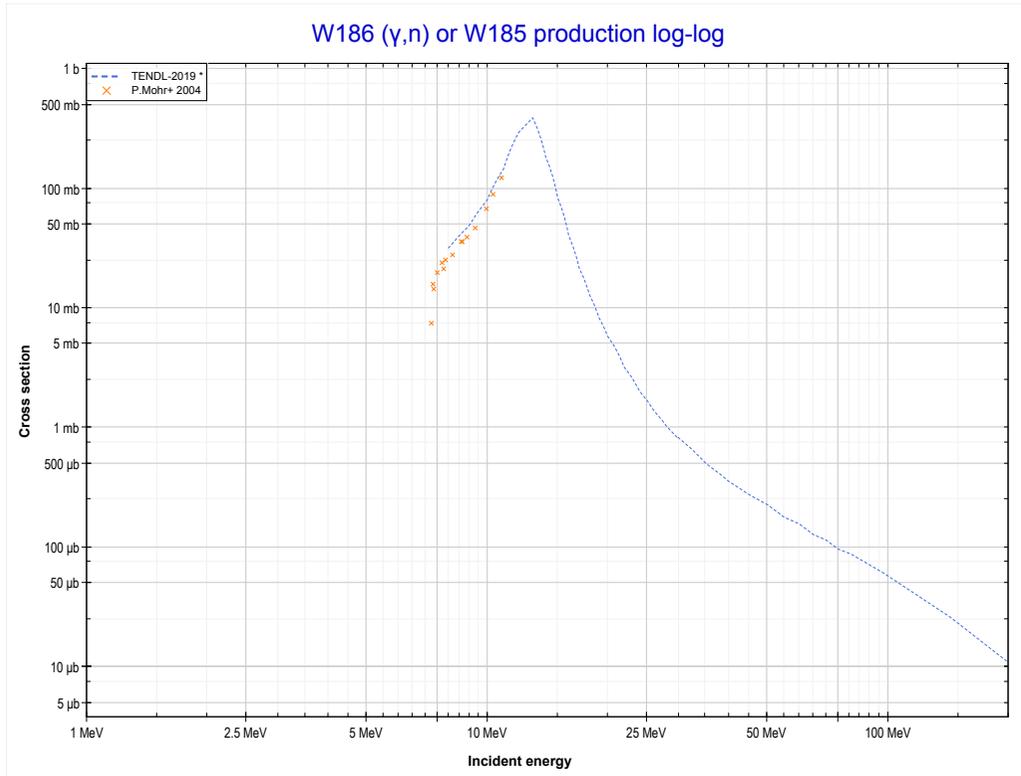


Reaction	Q-Value
Ta181(γ ,6n+t)Hf172	-55414.01 keV
Ta181(γ ,7n+d)Hf172	-61671.24 keV
Ta181(γ ,8n+p)Hf172	-63895.81 keV

<< 73-Ta-181	74-W-182	79-Au-197 >>
<< 73-Ta-181 MT175 ($\gamma,6n+t$)	MT18 ($\gamma,fission$)	74-W-186 MT4 (γ,n) >>

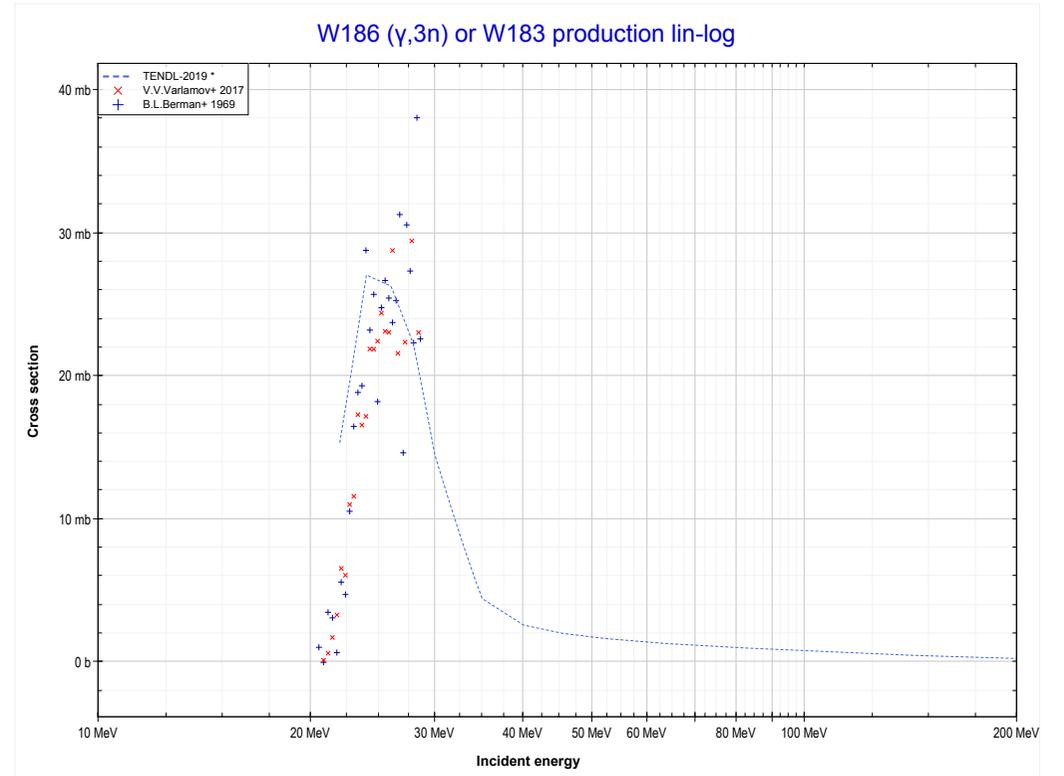
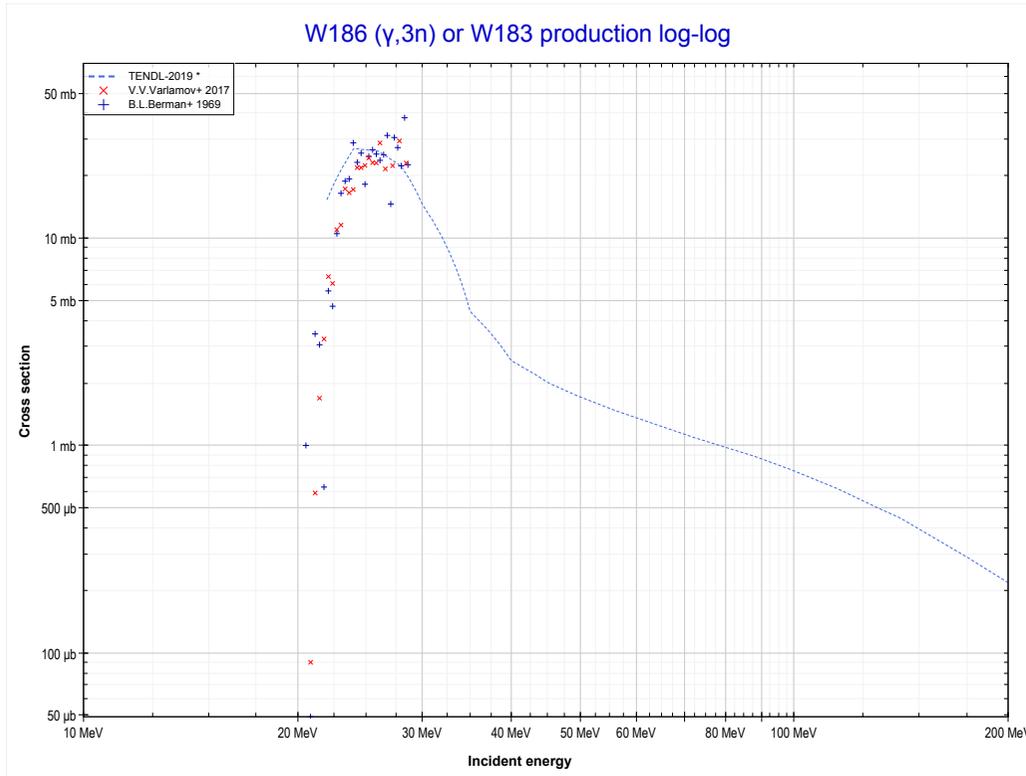


<< 73-Ta-181	74-W-186	75-Re-187 >>
<< 74-W-182 MT18 (γ ,fission)	MT4 (γ,n) or MT5 (W185 production)	MT17 (γ ,3n) >>



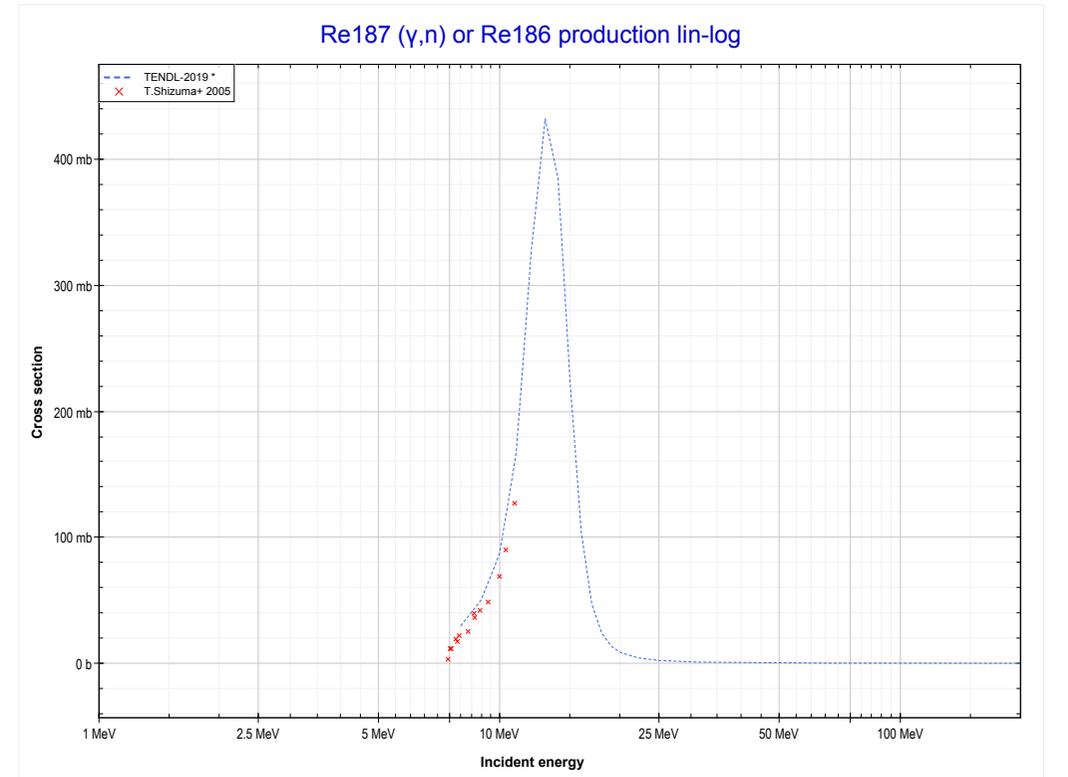
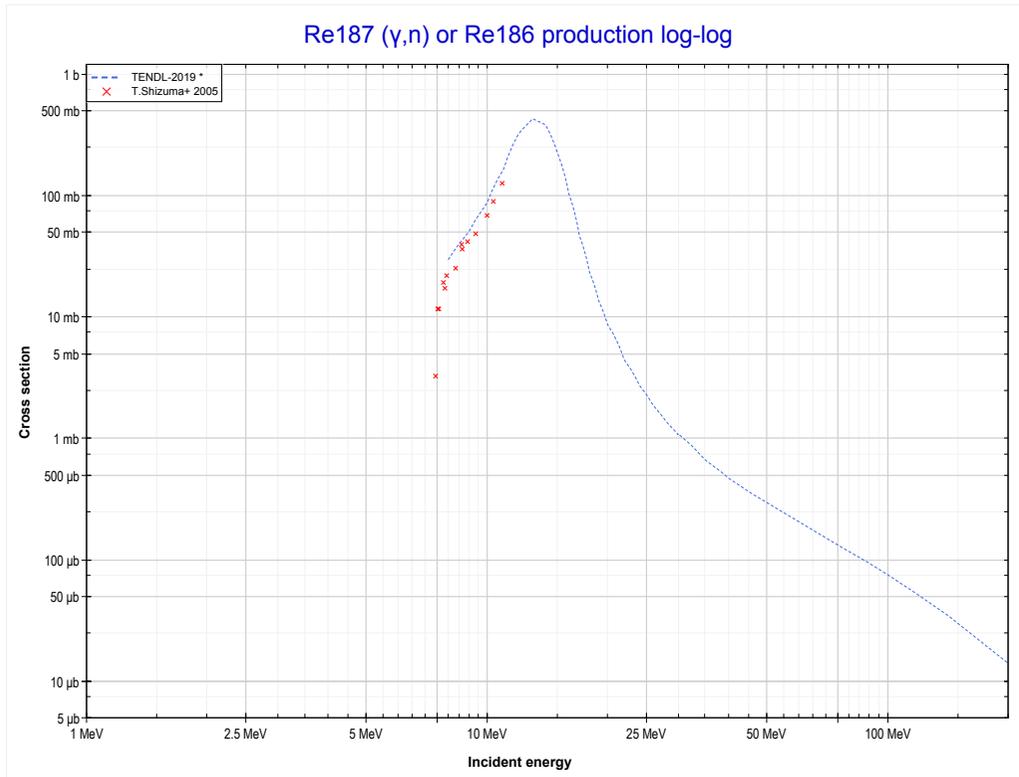
Reaction	Q-Value
W186(γ ,n)W185	-7192.02 keV

<< 73-Ta-181	74-W-186	76-Os-188 >>
<< MT4 (γ,n)	MT17 ($\gamma,3n$) or MT5 (W183 production)	75-Re-187 MT4 (γ,n) >>



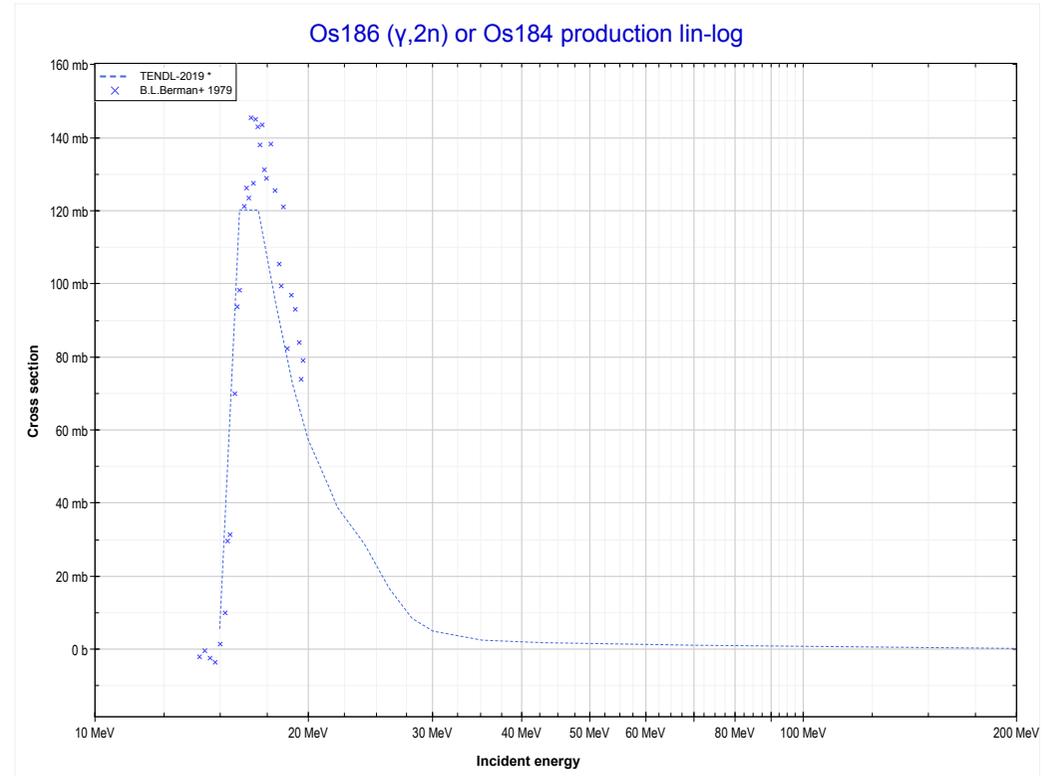
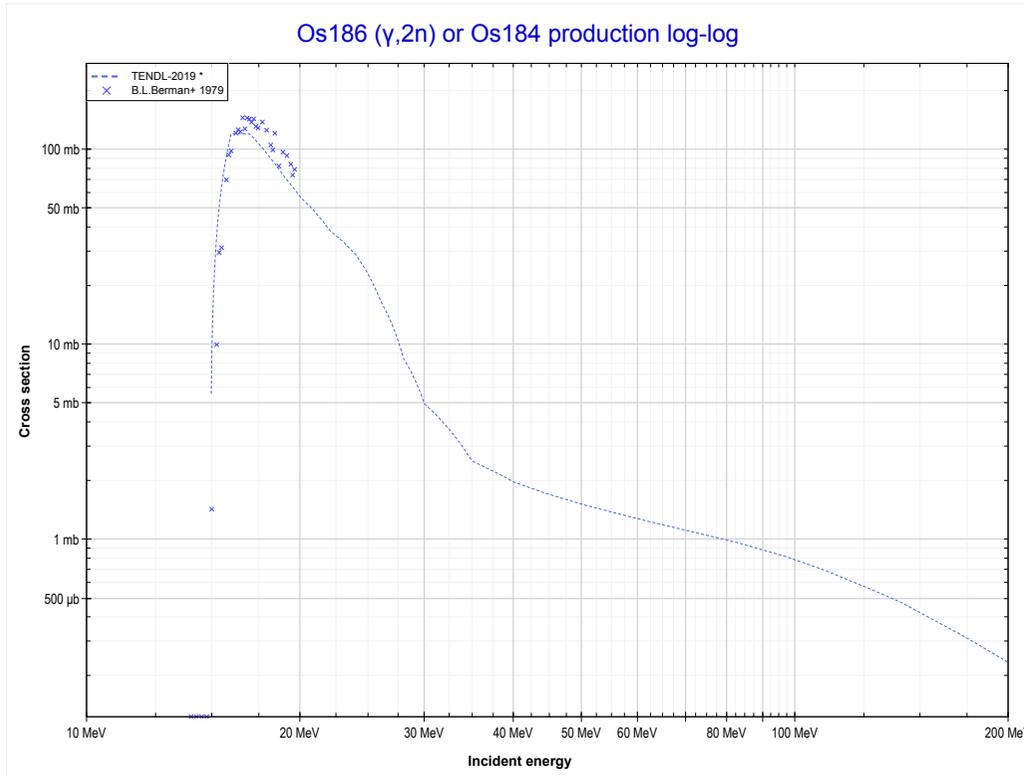
Reaction	Q-Value
W186($\gamma,3n$)W183	-20356.85 keV

<< 74-W-186	75-Re-187	76-Os-188 >>
<< 74-W-186 MT17 ($\gamma,3n$)	MT4 (γ,n) or MT5 (Re186 production)	76-Os-186 MT16 ($\gamma,2n$) >>



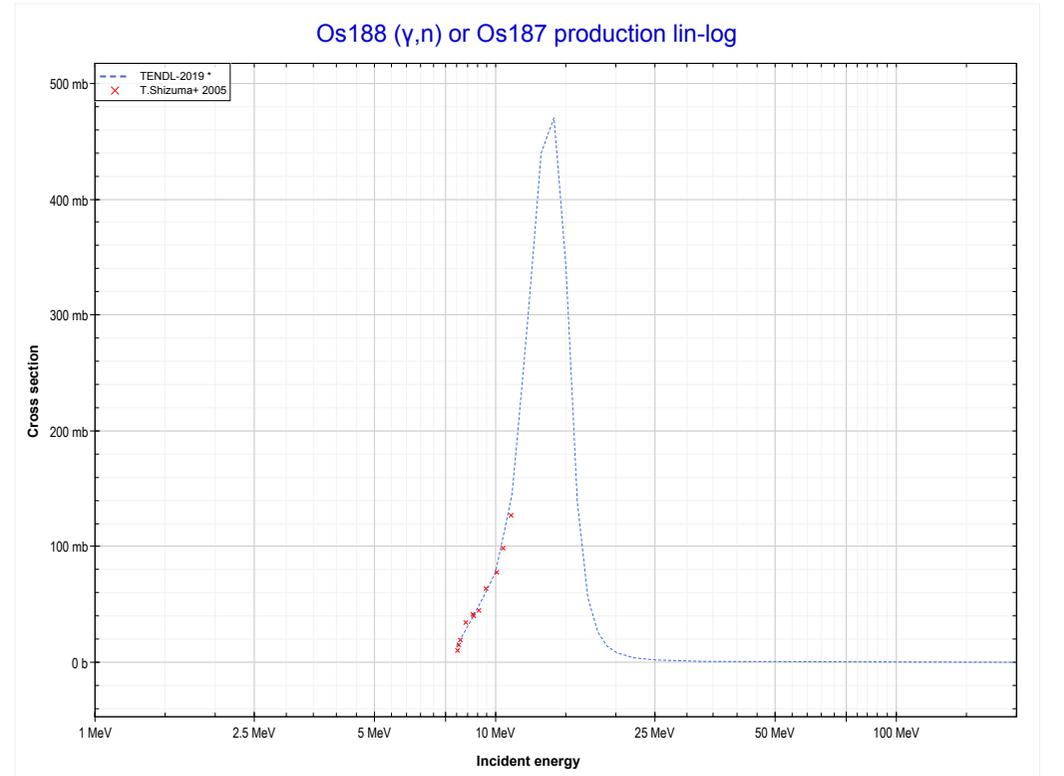
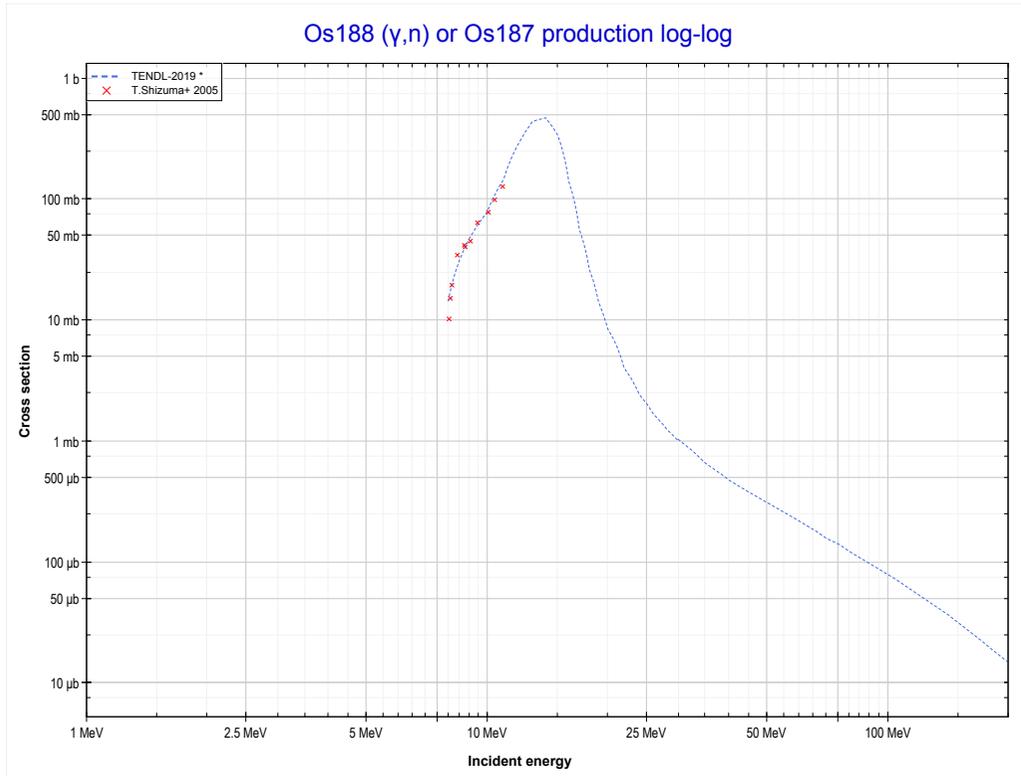
Reaction	Q-Value
Re187(γ,n)Re186	-7360.72 keV

<< 73-Ta-181	76-Os-186	79-Au-197 >>
<< 75-Re-187 MT4 (γ,n)	MT16 (γ,2n) or MT5 (Os184 production)	76-Os-188 MT4 (γ,n) >>



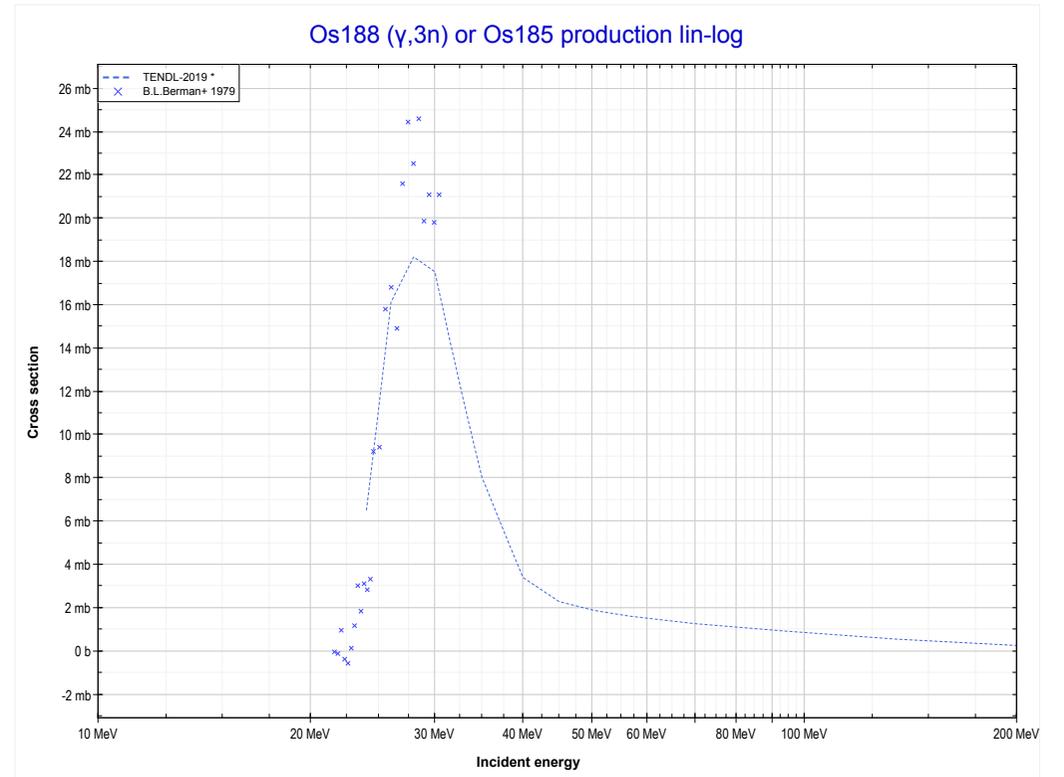
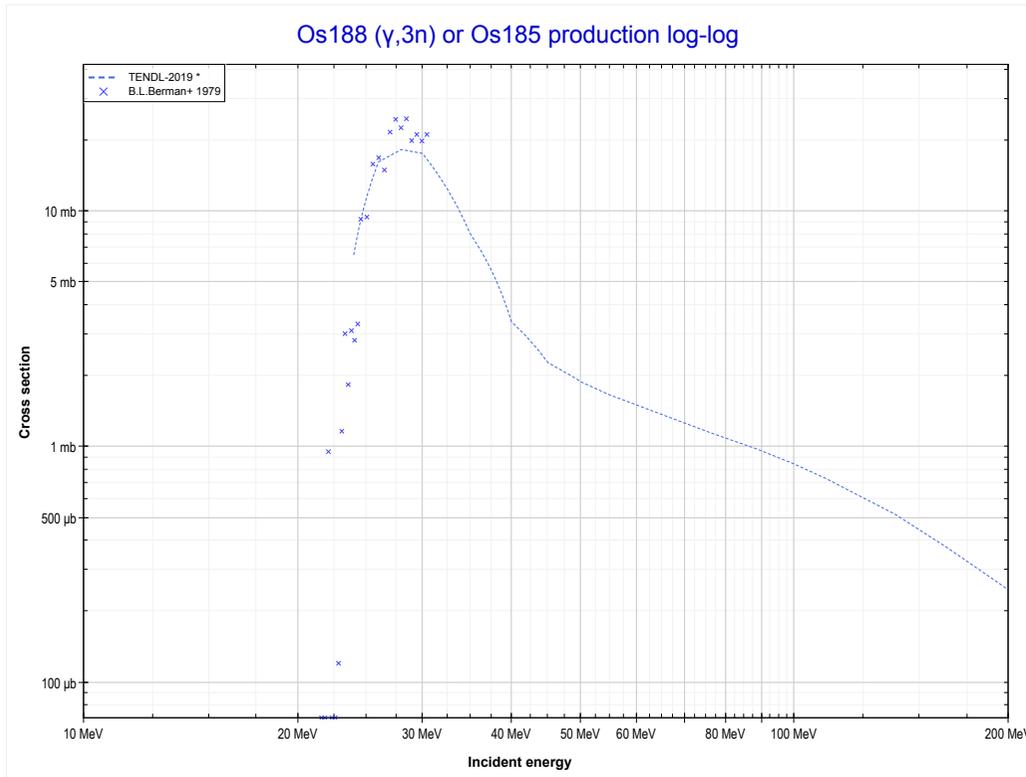
Reaction	Q-Value
Os186(γ,2n)Os184	-14890.03 keV

<< 75-Re-187	76-Os-188	78-Pt-198 >>
<< 76-Os-186 MT16 ($\gamma,2n$)	MT4 (γ,n) or MT5 (Os187 production)	MT17 ($\gamma,3n$) >>



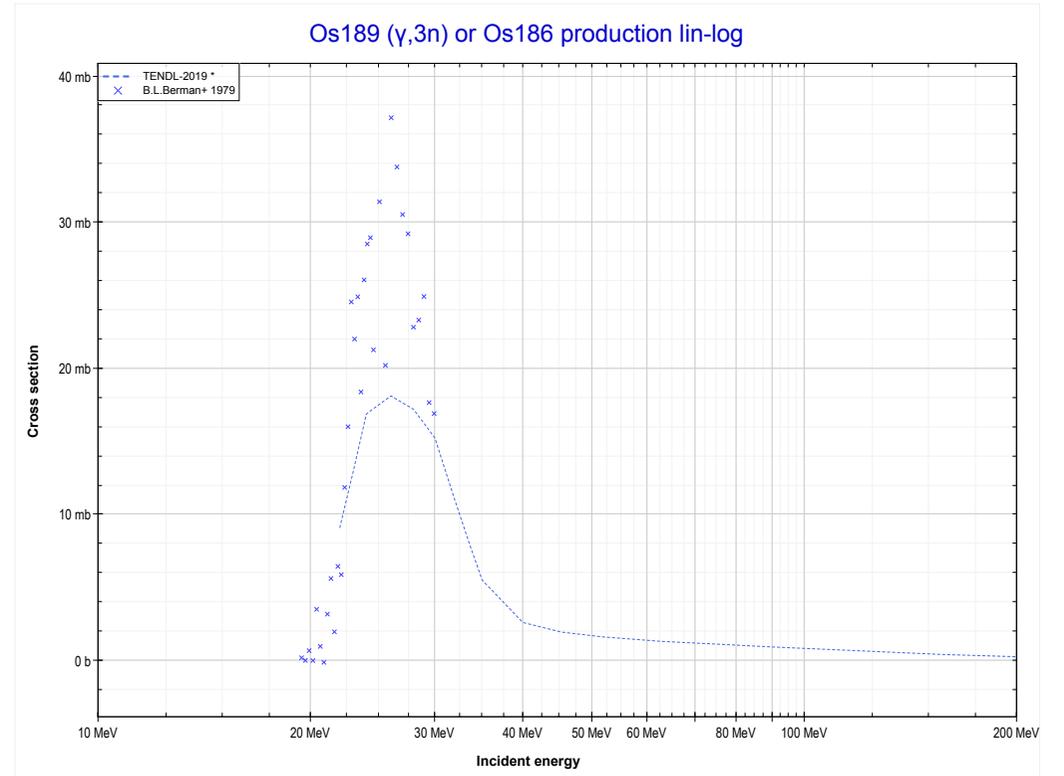
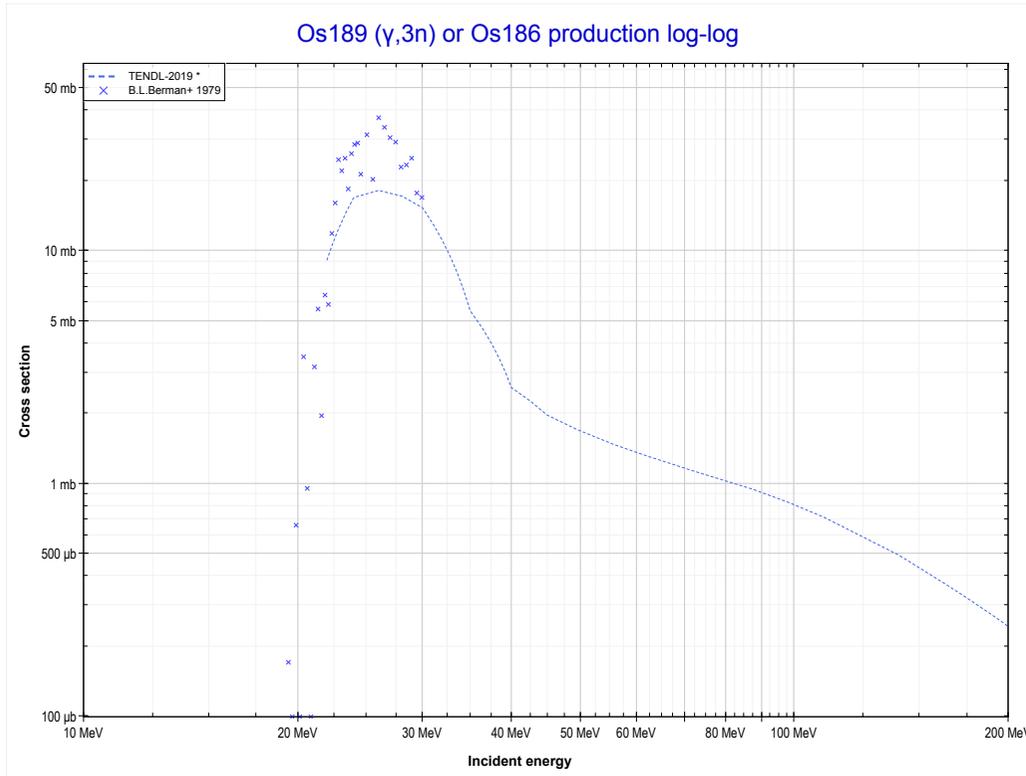
Reaction	Q-Value
Os188(γ,n)Os187	-7989.62 keV

<< 74-W-186	76-Os-188	76-Os-189 >>
<< MT4 (γ, n)	MT17 ($\gamma, 3n$) or MT5 (Os185 production)	76-Os-189 MT17 ($\gamma, 3n$) >>



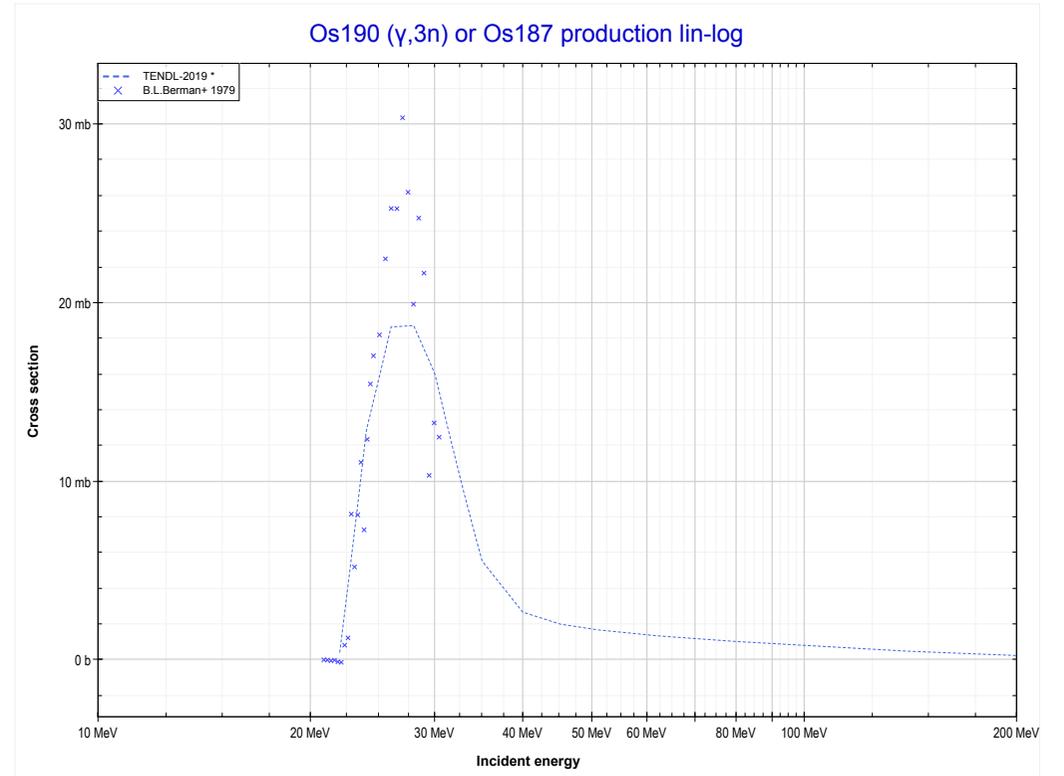
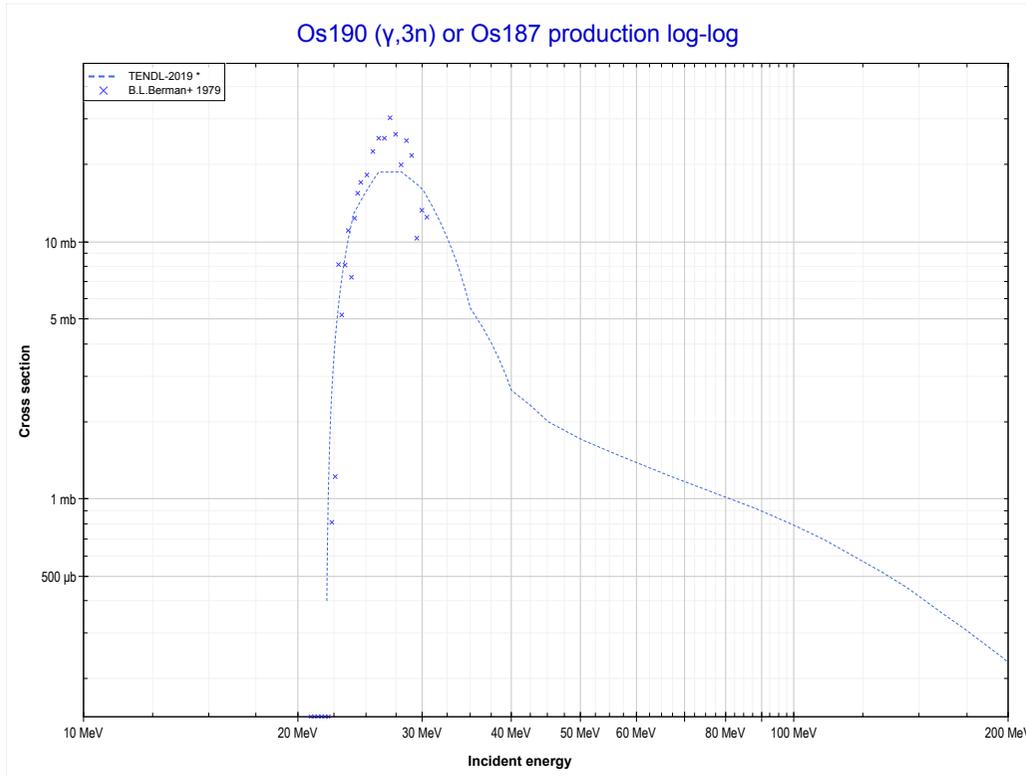
Reaction	Q-Value
Os188($\gamma, 3n$)Os185	-22545.25 keV

<< 76-Os-188	76-Os-189	76-Os-190 >>
<< 76-Os-188 MT17 ($\gamma,3n$)	MT17 ($\gamma,3n$) or MT5 (Os186 production)	76-Os-190 MT17 ($\gamma,3n$) >>



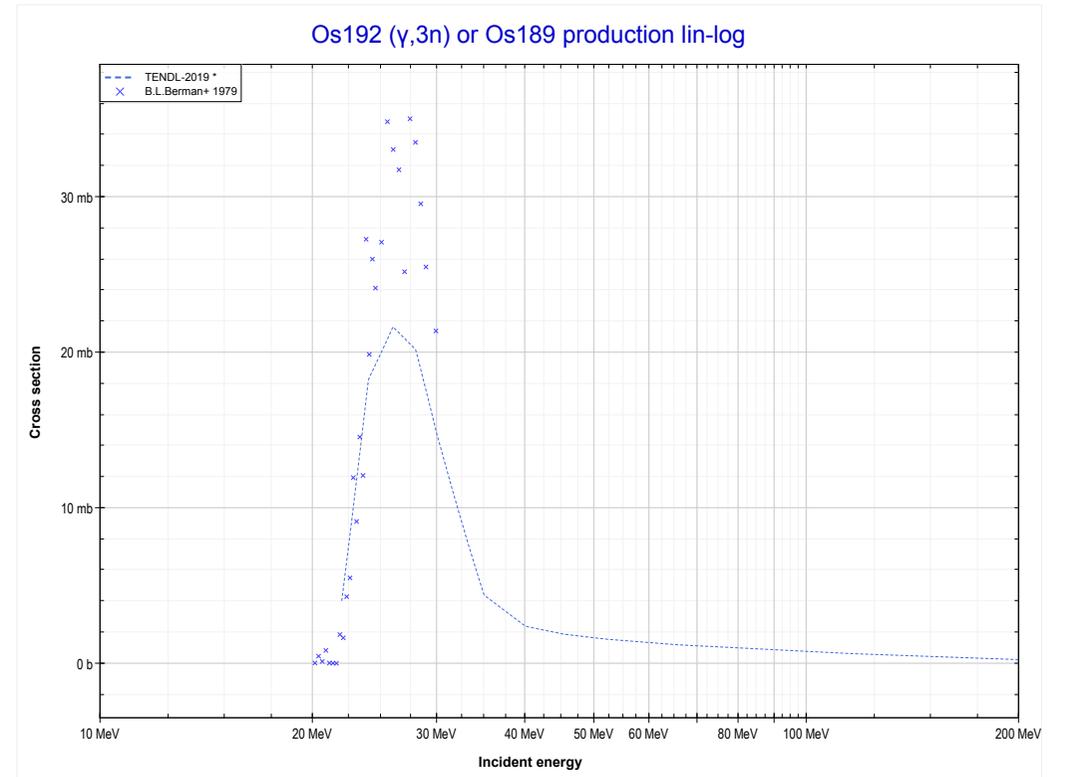
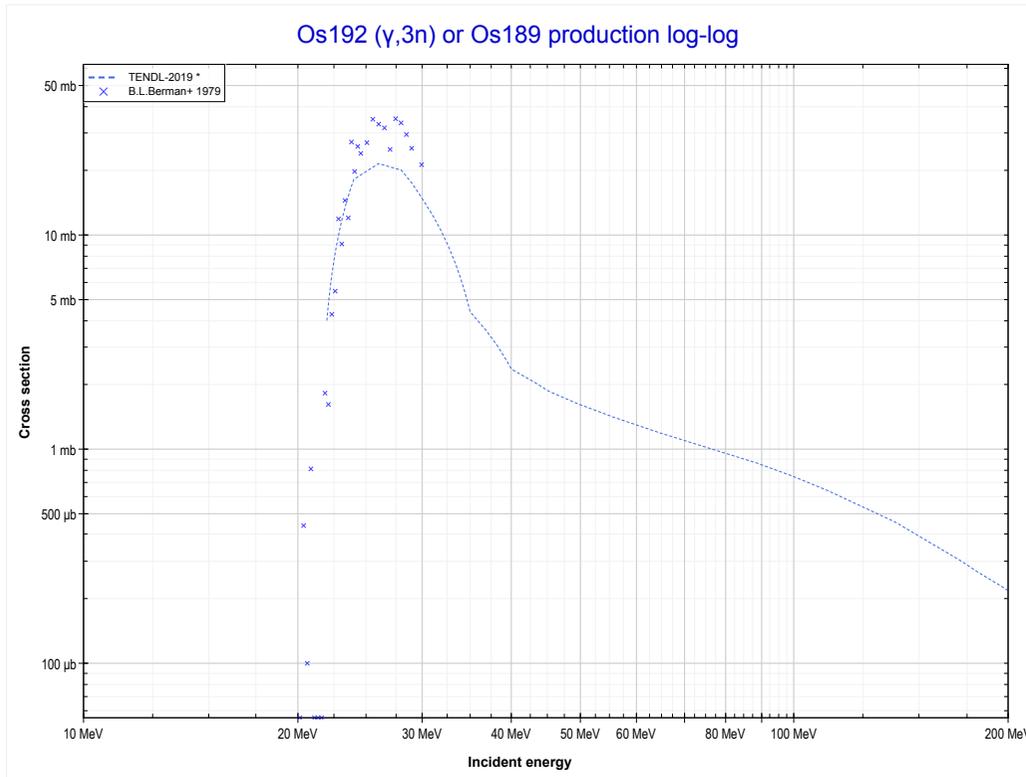
Reaction	Q-Value
Os189($\gamma,3n$)Os186	-20200.75 keV

<< 76-Os-189	76-Os-190	76-Os-192 >>
<< 76-Os-189 MT17 (γ,3n)	MT17 (γ,3n) or MT5 (Os187 production)	76-Os-192 MT17 (γ,3n) >>



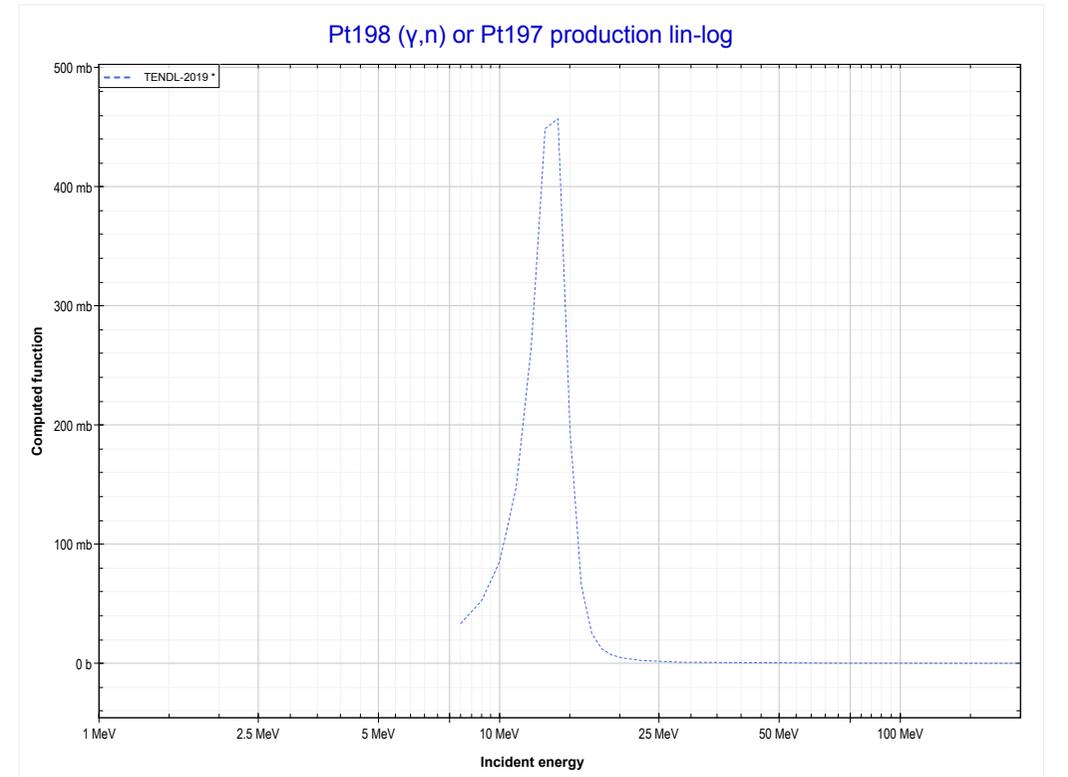
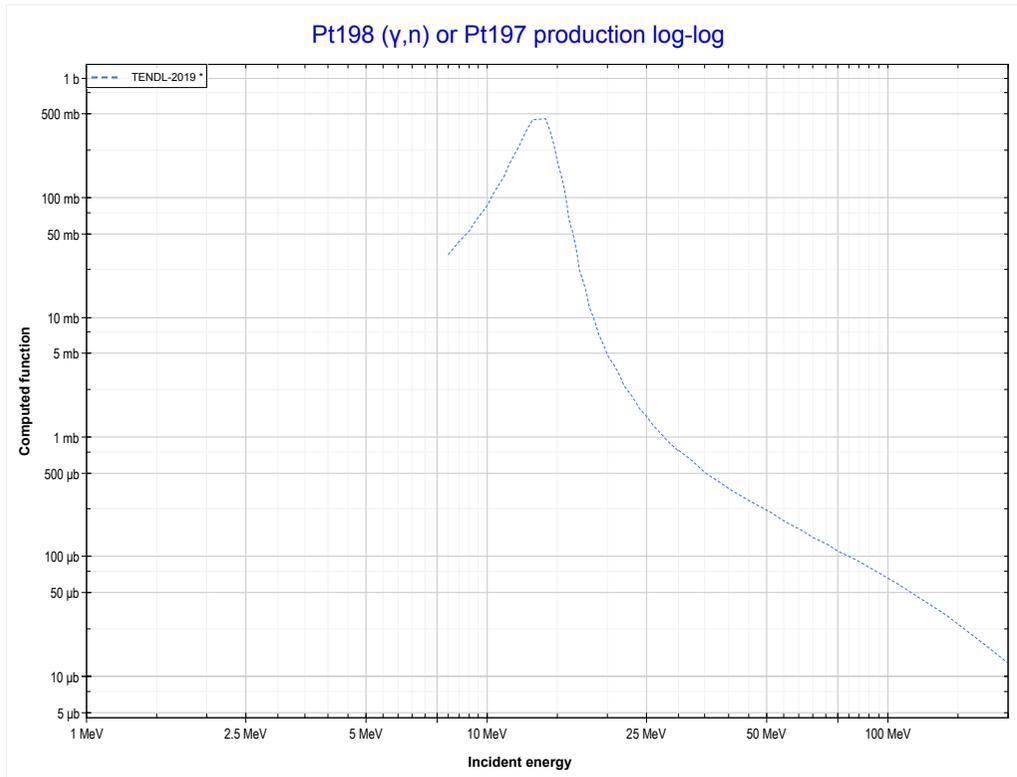
Reaction	Q-Value
Os190(γ,3n)Os187	-21702.85 keV

<< 76-Os-190	76-Os-192	79-Au-197 >>
<< 76-Os-190 MT17 ($\gamma,3n$)	MT17 ($\gamma,3n$) or MT5 (Os189 production)	78-Pt-198 MT4 (γ,n) >>



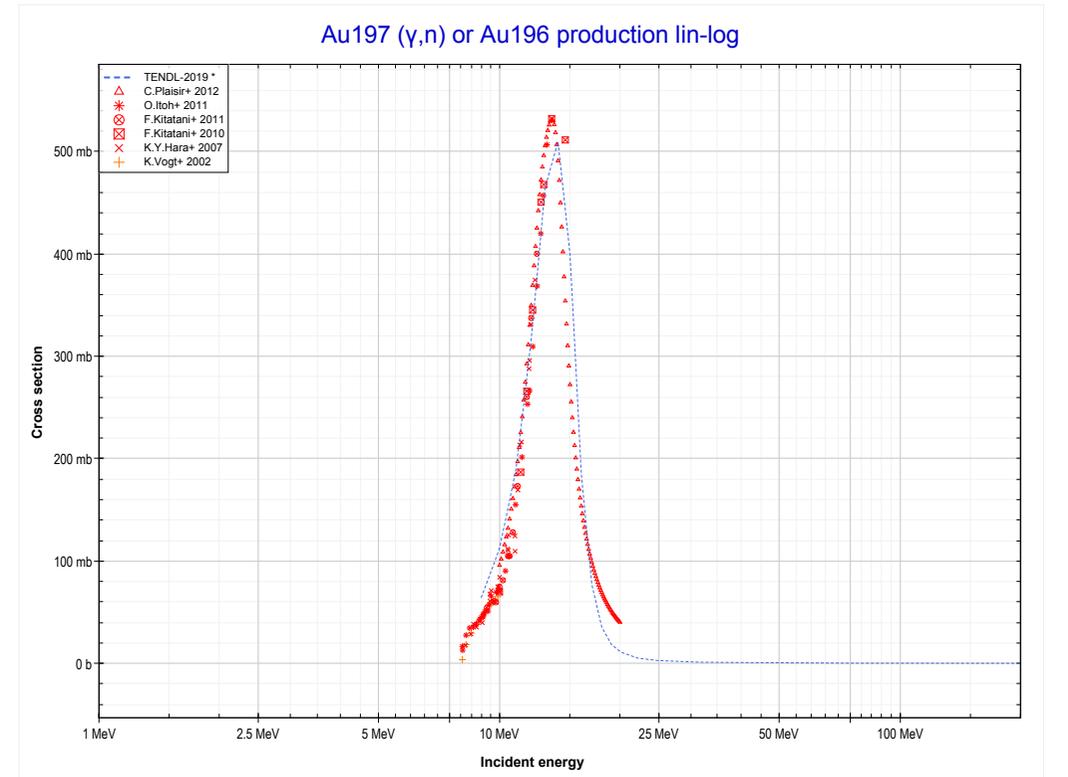
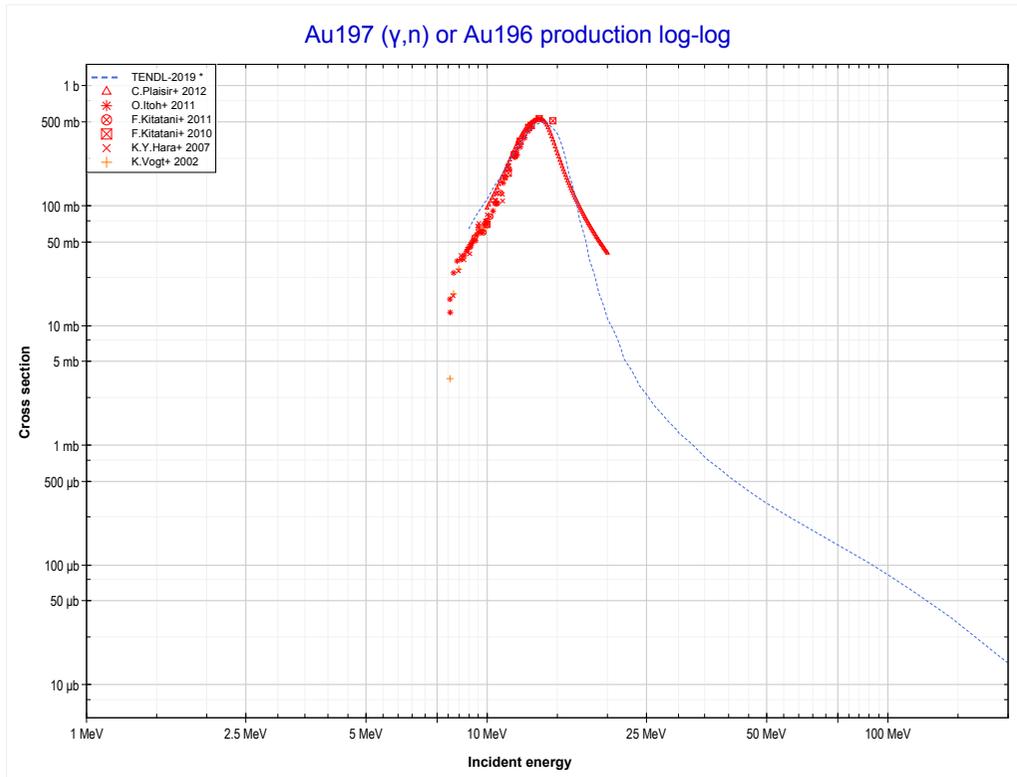
Reaction	Q-Value
Os192($\gamma,3n$)Os189	-21109.45 keV

<< 76-Os-188	78-Pt-198	79-Au-197 >>
<< 76-Os-192 MT17 (γ,3n)	MT4 (γ,n) or MT5 (Pt197 production)	79-Au-197 MT4 (γ,n) >>



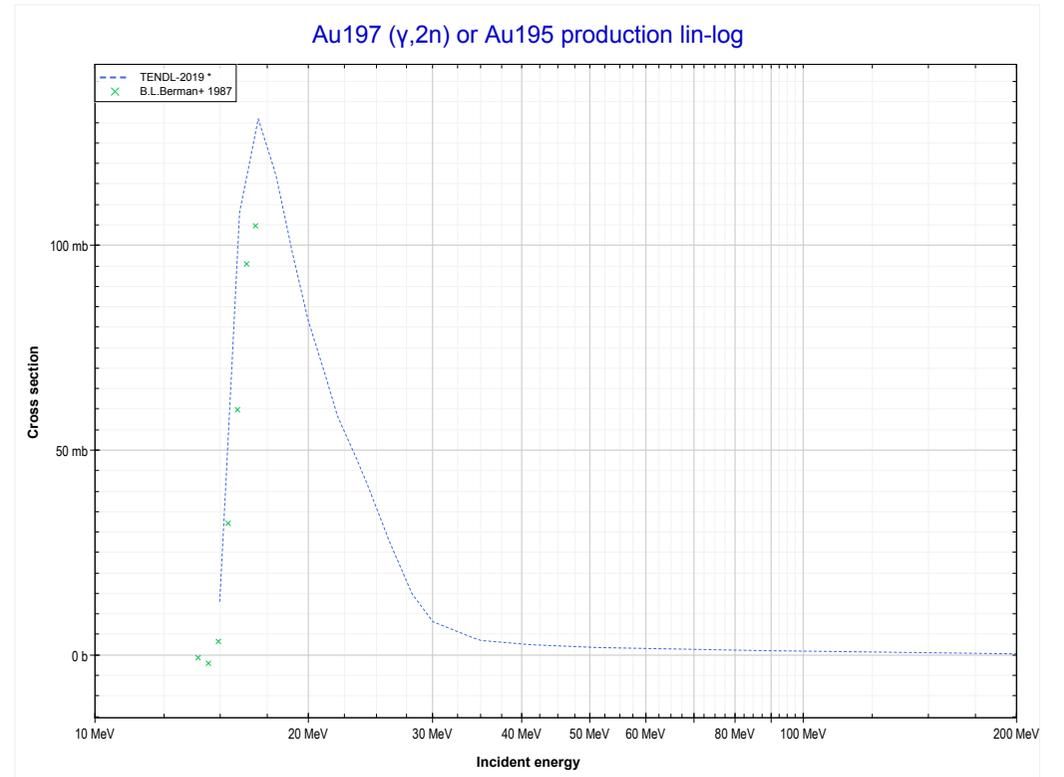
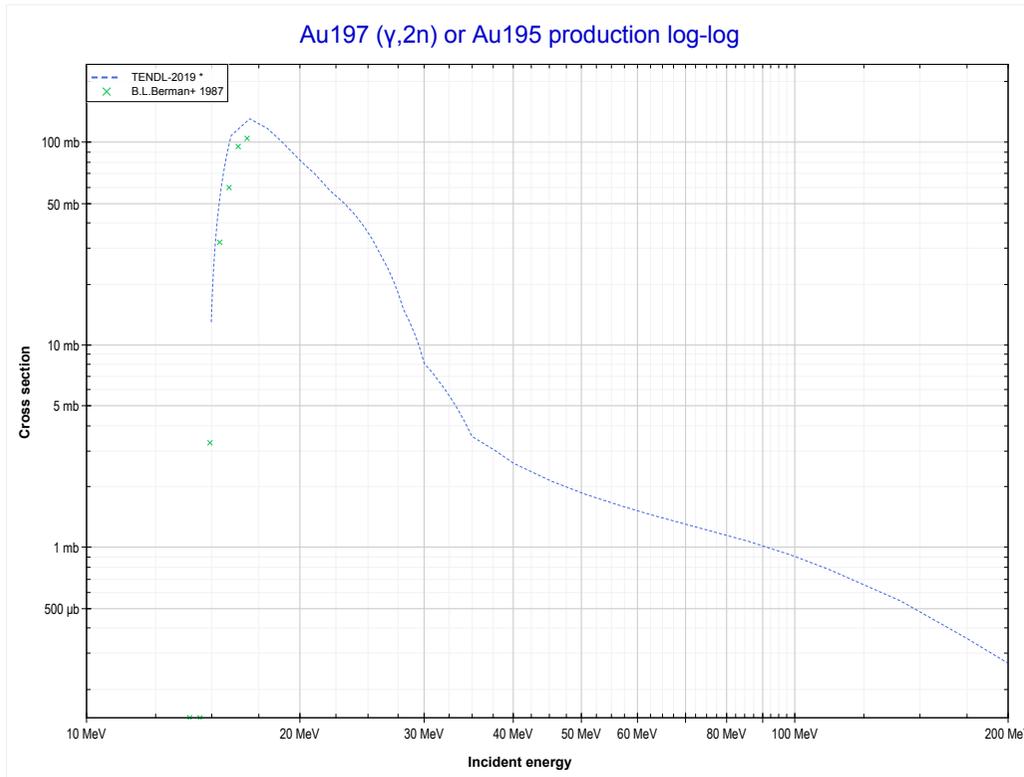
Reaction	Q-Value
Pt198(γ,n)Pt197	-7555.62 keV

<< 78-Pt-198	79-Au-197	80-Hg-198 >>
<< 78-Pt-198 MT4 (γ,n)	MT4 (γ,n) or MT5 (Au196 production)	MT16 (γ,2n) >>



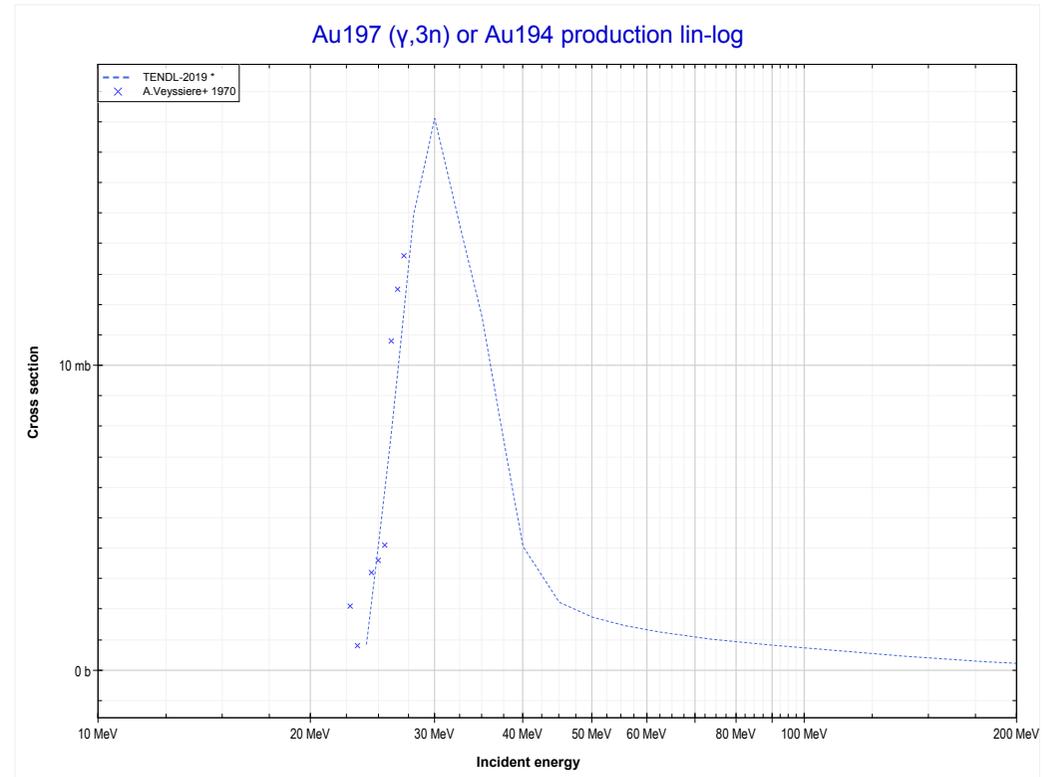
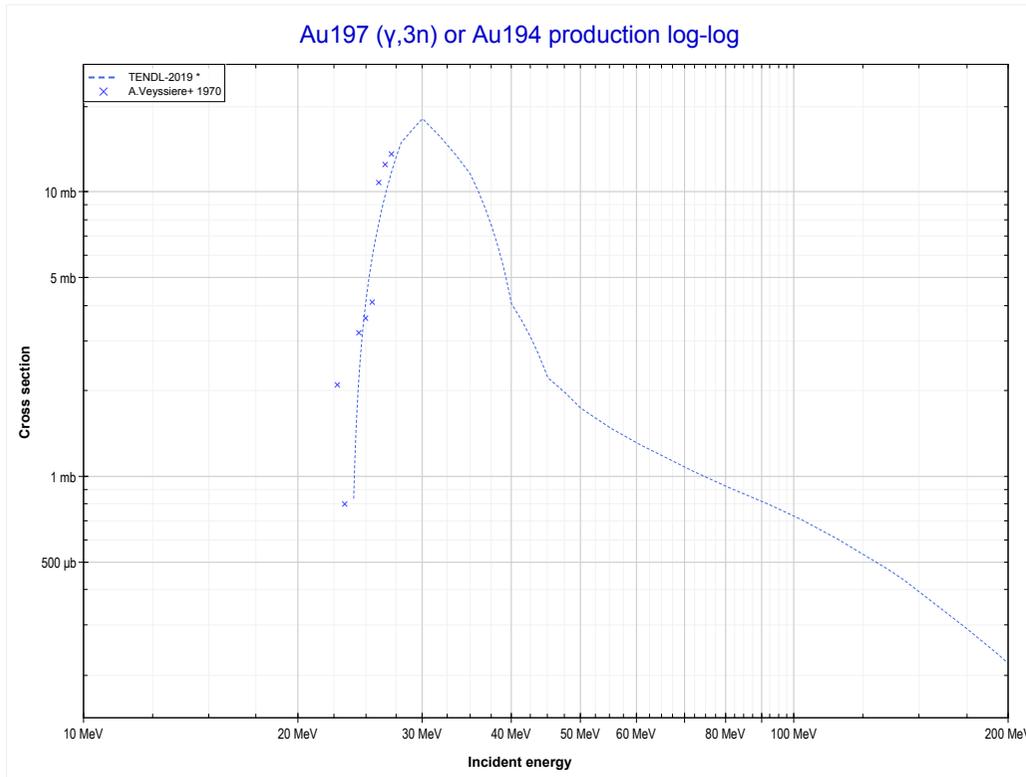
Reaction	Q-Value
Au197(γ,n)Au196	-8072.32 keV

<< 76-Os-186	79-Au-197	90-Th-232 >>
<< MT4 (γ, n)	MT16 ($\gamma, 2n$) or MT5 (Au195 production)	MT17 ($\gamma, 3n$) >>



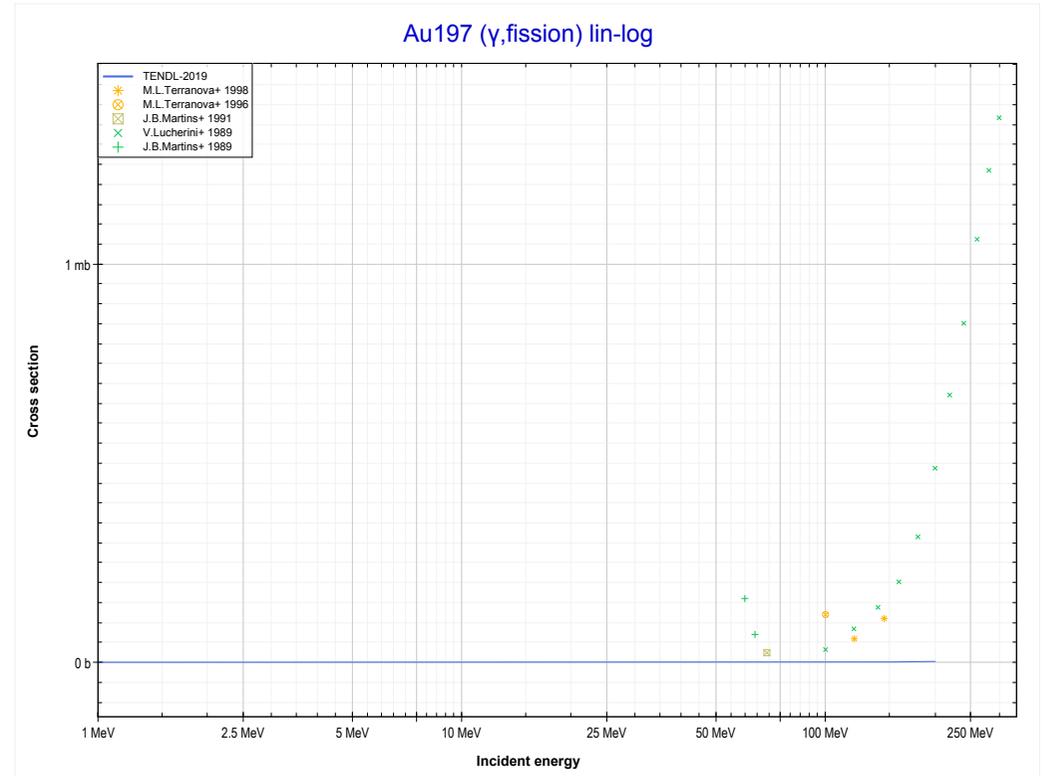
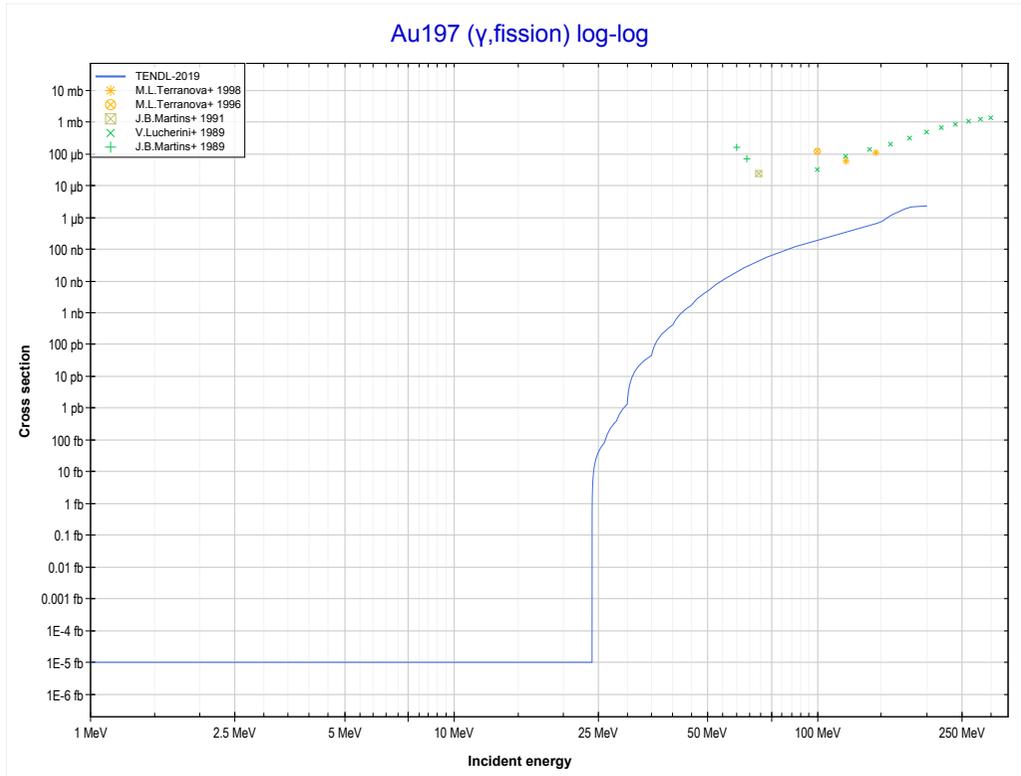
Reaction	Q-Value
Au197($\gamma, 2n$)Au195	-14715.33 keV

<< 76-Os-192	79-Au-197	82-Pb-208 >>
<< MT16 ($\gamma,2n$)	MT17 ($\gamma,3n$) or MT5 (Au194 production)	MT18 (γ ,fission) >>

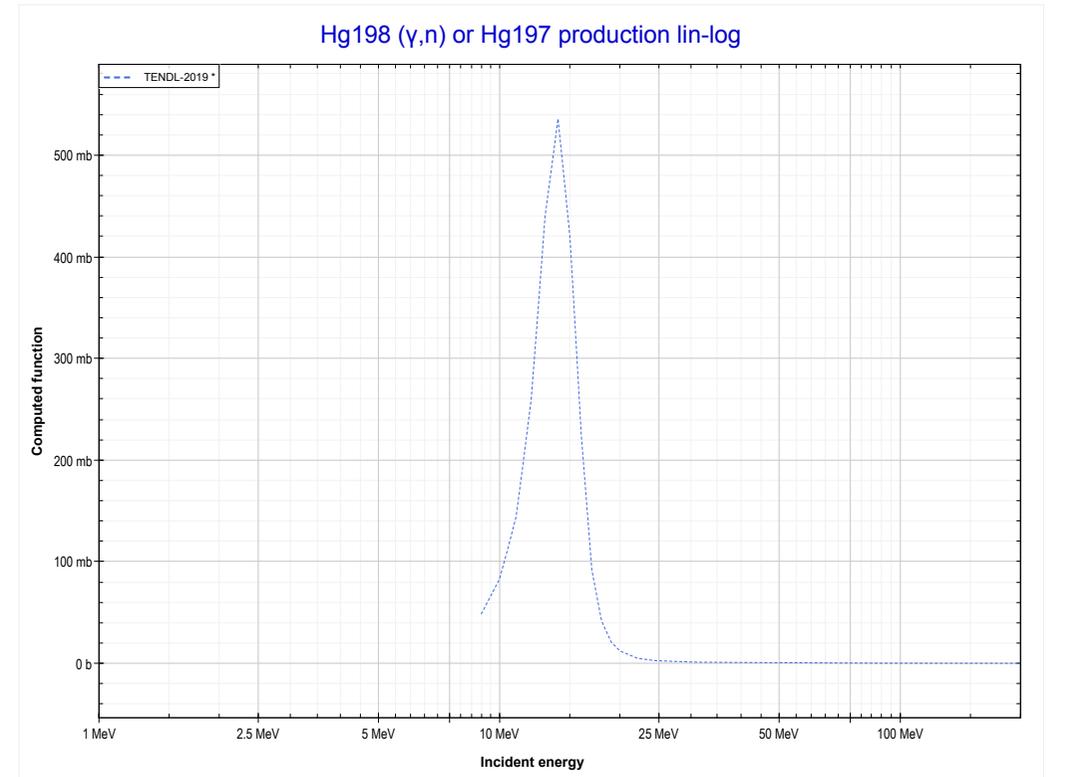
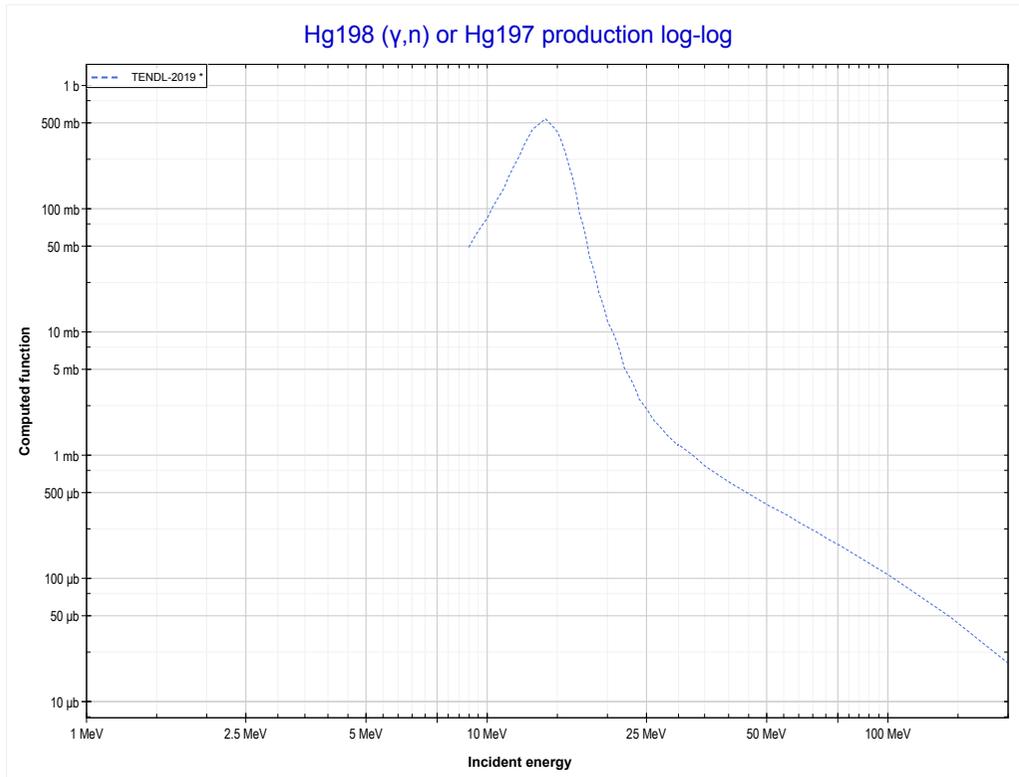


Reaction	Q-Value
Au197($\gamma,3n$)Au194	-23141.75 keV

<< 74-W-182	79-Au-197	83-Bi-209 >>
<< MT17 ($\gamma,3n$)	MT18 (γ,fission)	80-Hg-198 MT4 (γ,n) >>

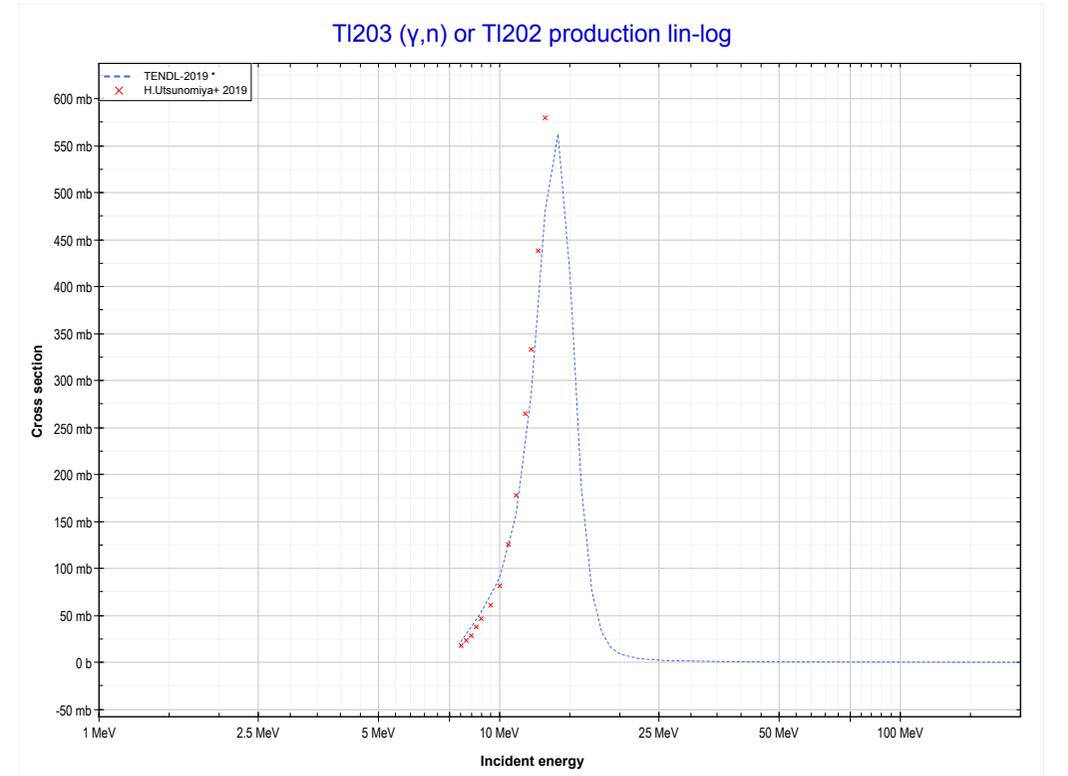
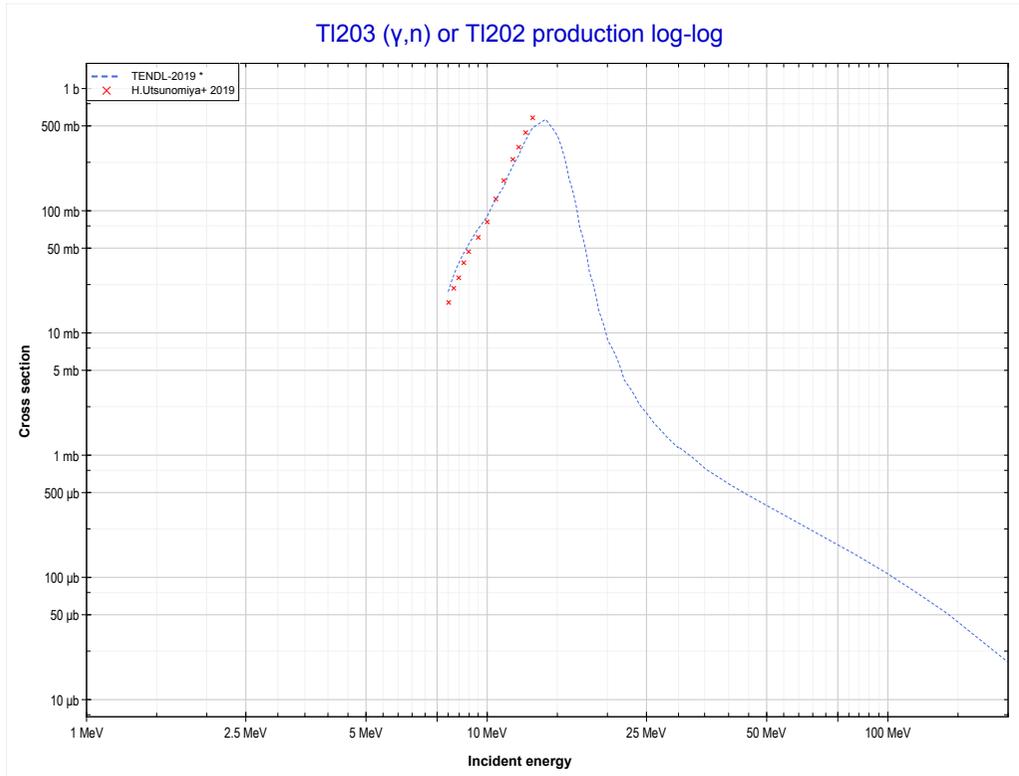


<< 79-Au-197	80-Hg-198	81-Tl-203 >>
<< 79-Au-197 MT18 (γ,fission)	MT4 (γ,n) or MT5 (Hg197 production)	81-Tl-203 MT4 (γ,n) >>



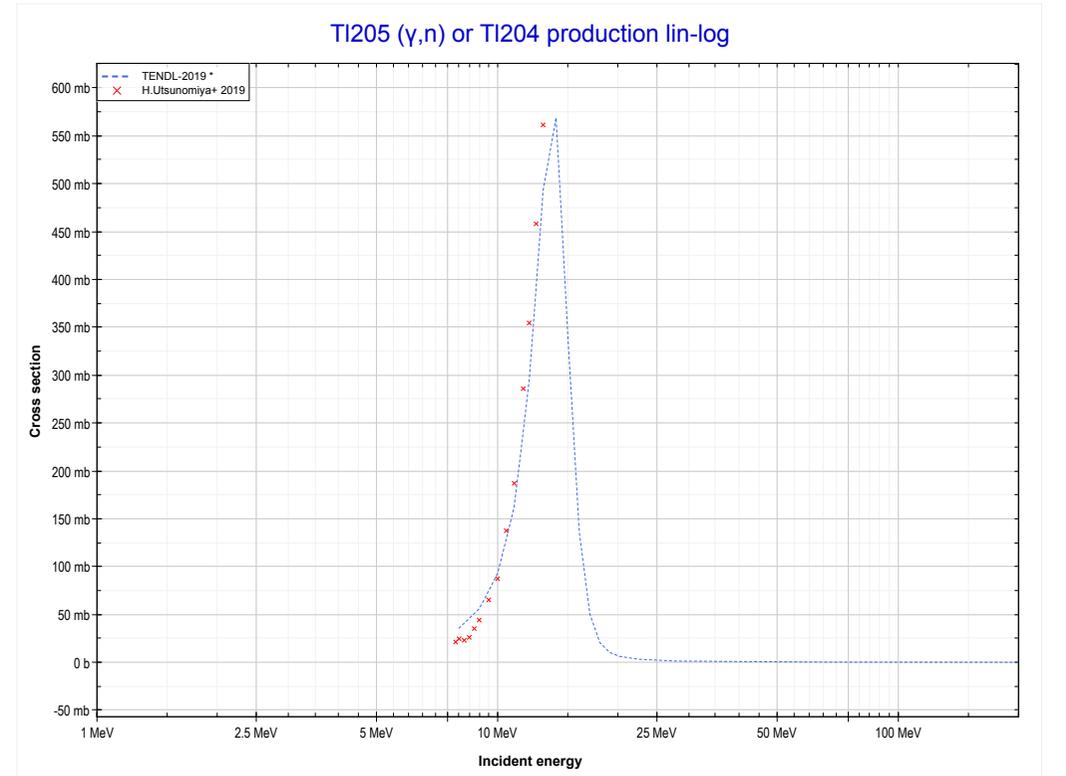
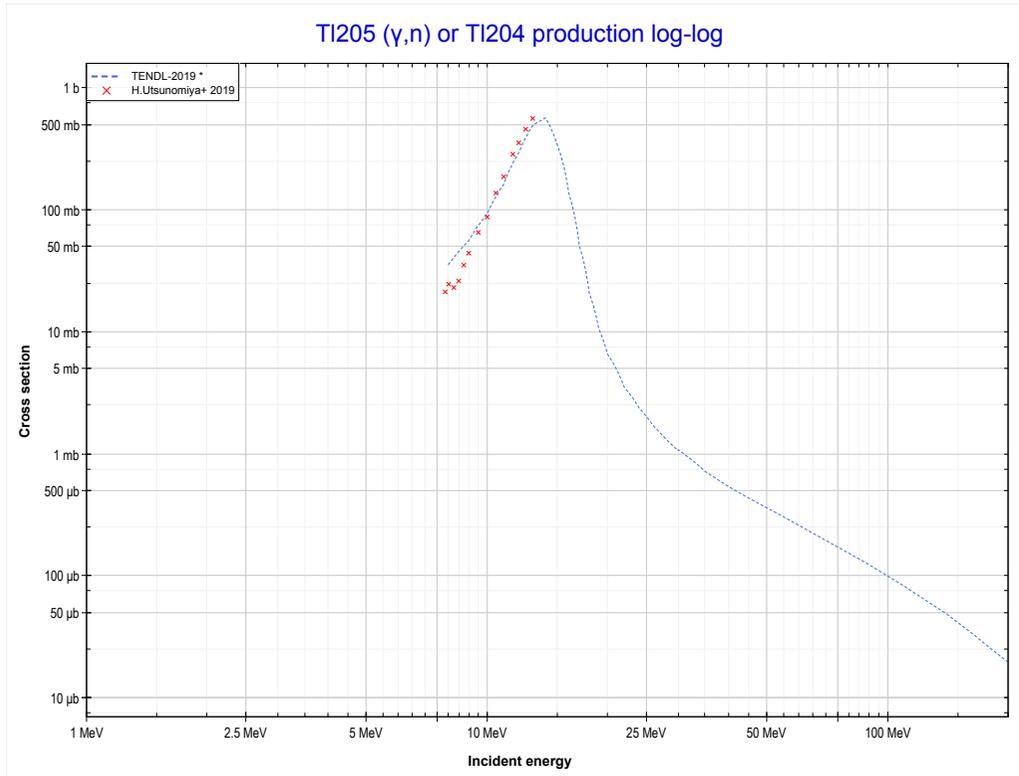
Reaction	Q-Value
Hg198(γ,n)Hg197	-8485.62 keV

<< 80-Hg-198	81-Tl-203	81-Tl-205 >>
<< 80-Hg-198 MT4 (γ,n)	MT4 (γ,n) or MT5 (Tl202 production)	81-Tl-205 MT4 (γ,n) >>



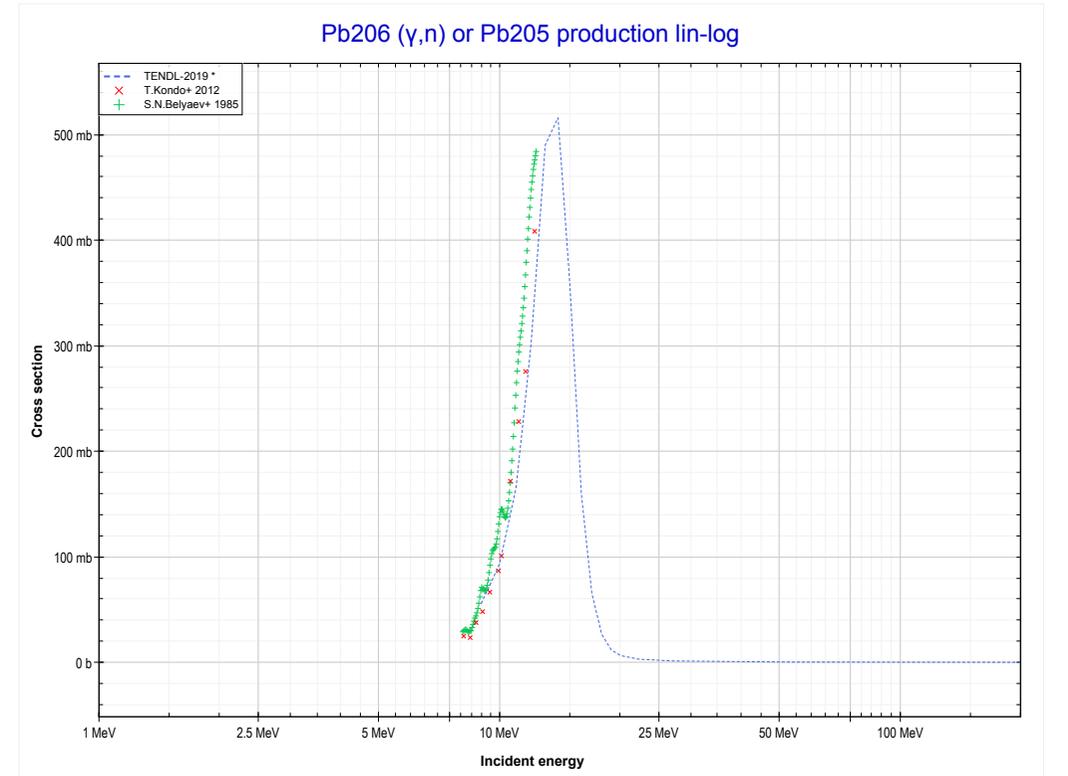
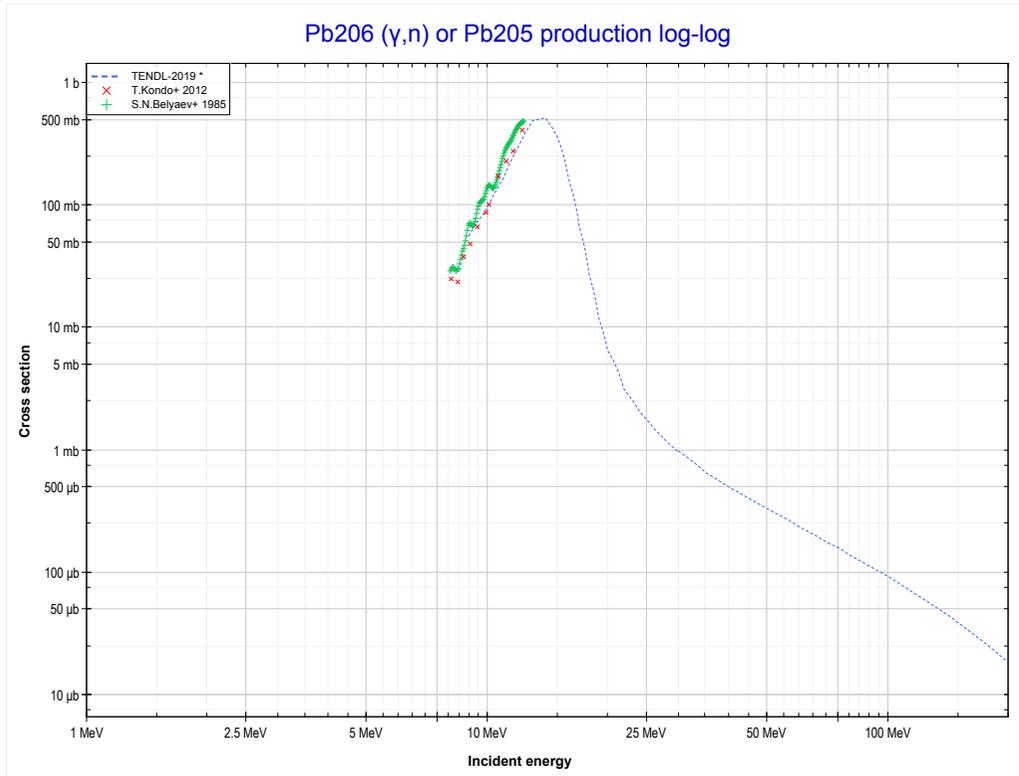
Reaction	Q-Value
Tl203(γ,n)Tl202	-7852.52 keV

<< 81-Tl-203	81-Tl-205	82-Pb-206 >>
<< 81-Tl-203 MT4 (γ,n)	MT4 (γ,n) or MT5 (Tl204 production)	82-Pb-206 MT4 (γ,n) >>



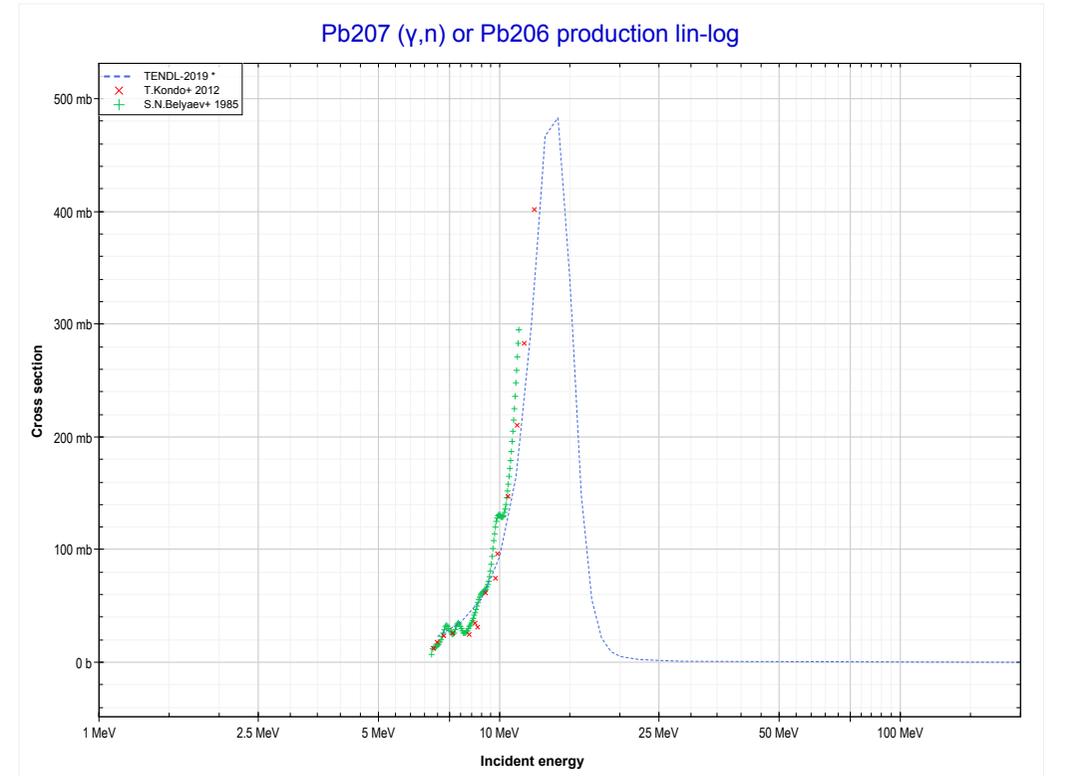
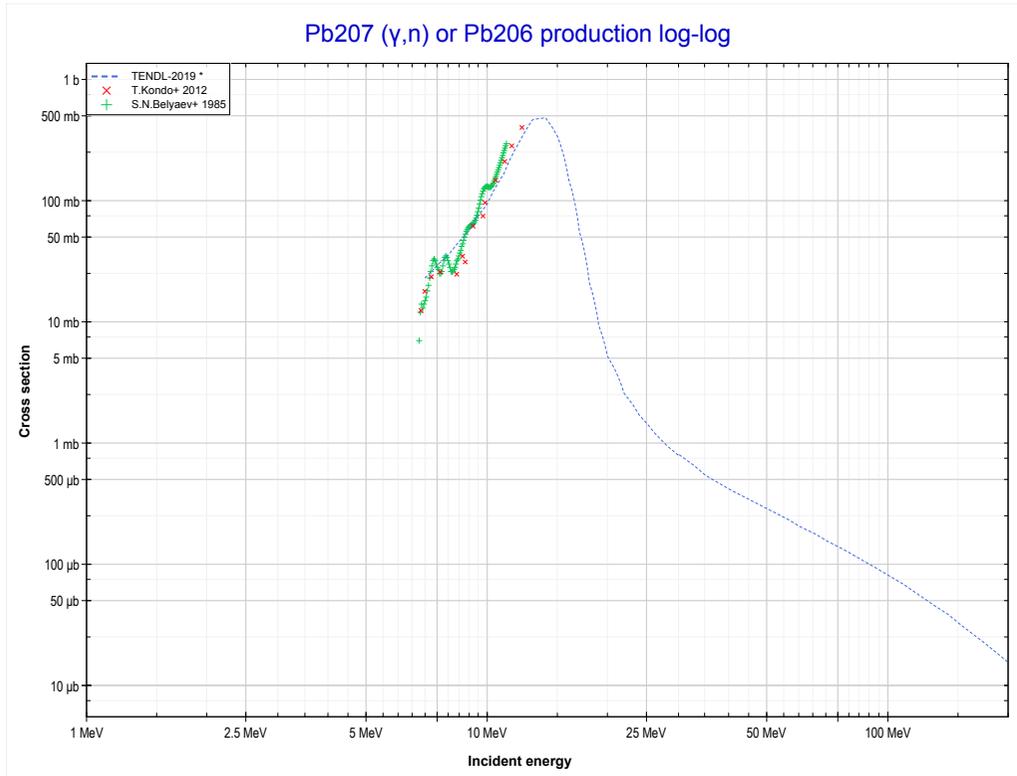
Reaction	Q-Value
Tl205(γ,n)Tl204	-7546.12 keV

<< 81-Tl-205	82-Pb-206	82-Pb-207 >>
<< 81-Tl-205 MT4 (γ,n)	MT4 (γ,n) or MT5 (Pb205 production)	82-Pb-207 MT4 (γ,n) >>



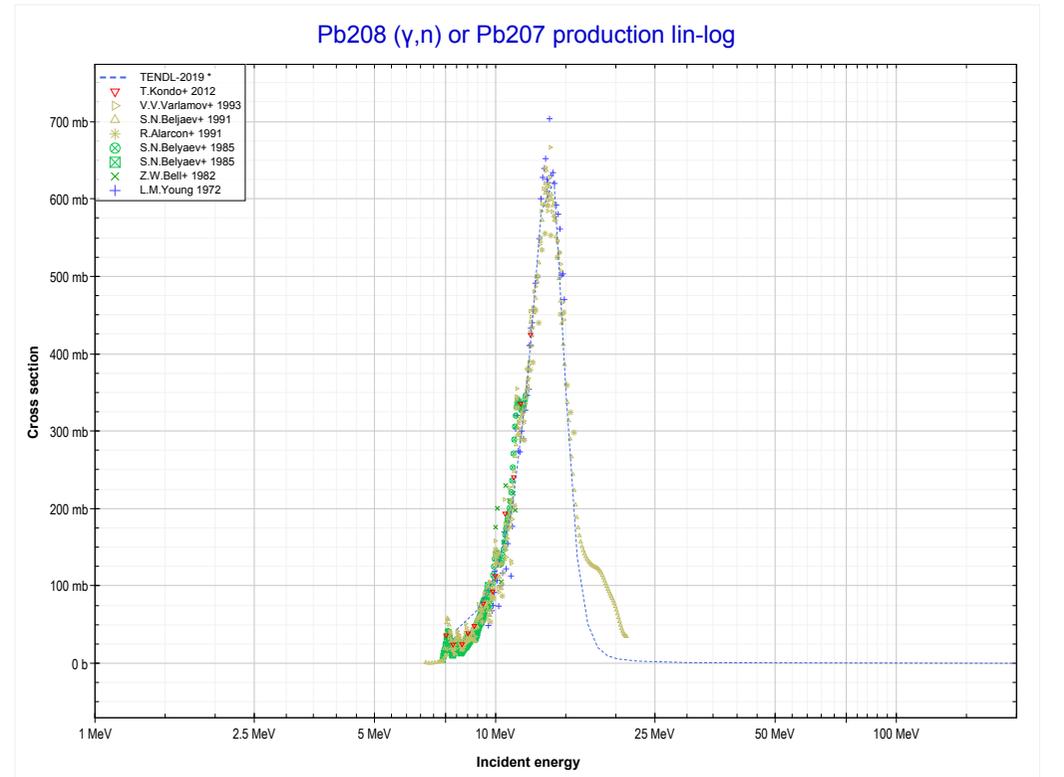
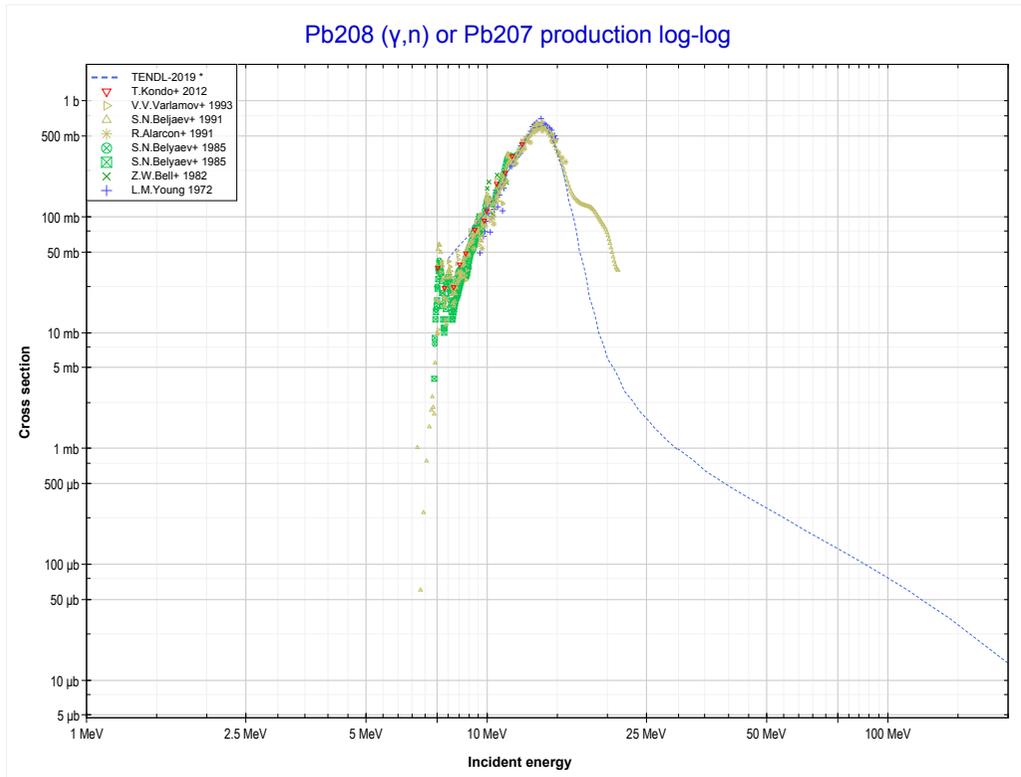
Reaction	Q-Value
Pb206(γ,n)Pb205	-8086.72 keV

<< 82-Pb-206	82-Pb-207	82-Pb-208 >>
<< 82-Pb-206 MT4 (γ,n)	MT4 (γ,n) or MT5 (Pb206 production)	82-Pb-208 MT4 (γ,n) >>



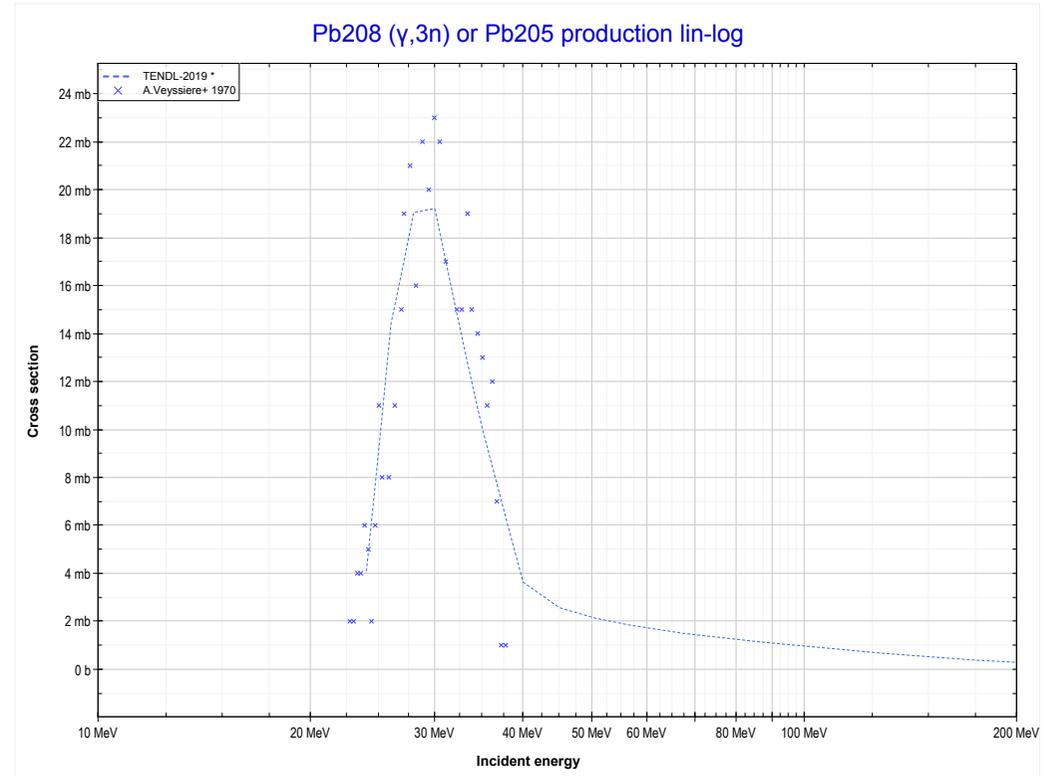
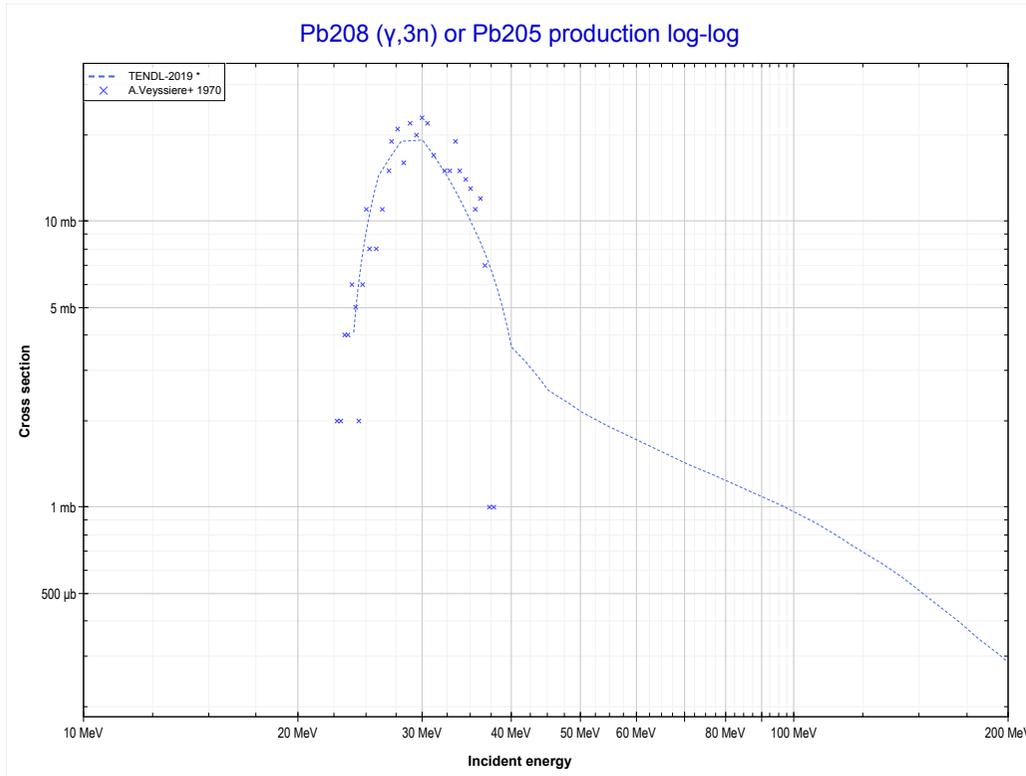
Reaction	Q-Value
Pb207(γ,n)Pb206	-6737.72 keV

<< 82-Pb-207	82-Pb-208	83-Bi-209 >>
<< 82-Pb-207 MT4 (γ,n)	MT4 (γ,n) or MT5 (Pb207 production)	MT17 (γ,3n) >>



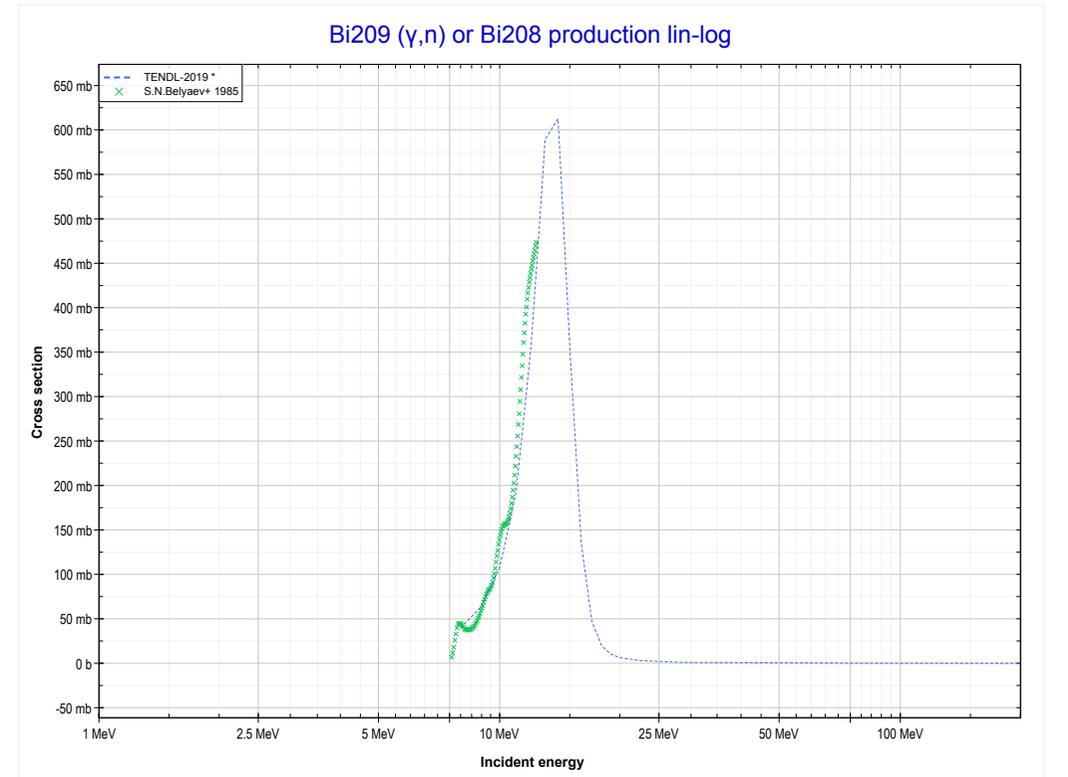
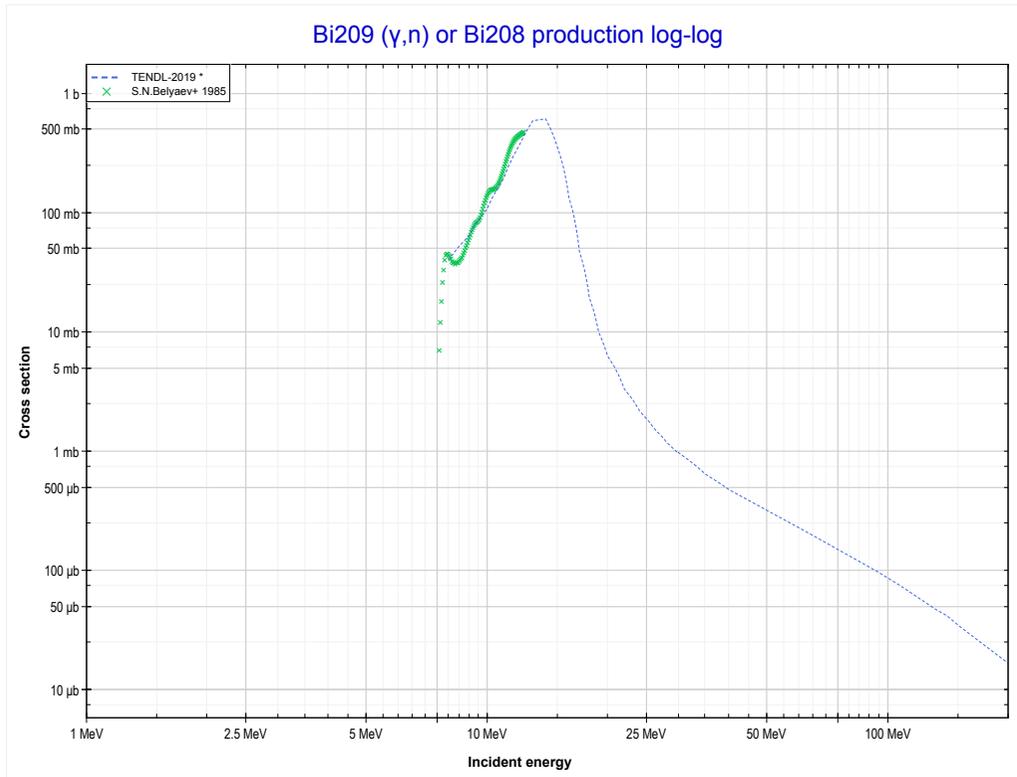
Reaction	Q-Value
Pb208(γ,n)Pb207	-7367.92 keV

<< 79-Au-197	82-Pb-208	83-Bi-209 >>
<< MT4 (γ, n)	MT17 ($\gamma, 3n$) or MT5 (Pb205 production)	83-Bi-209 MT4 (γ, n) >>



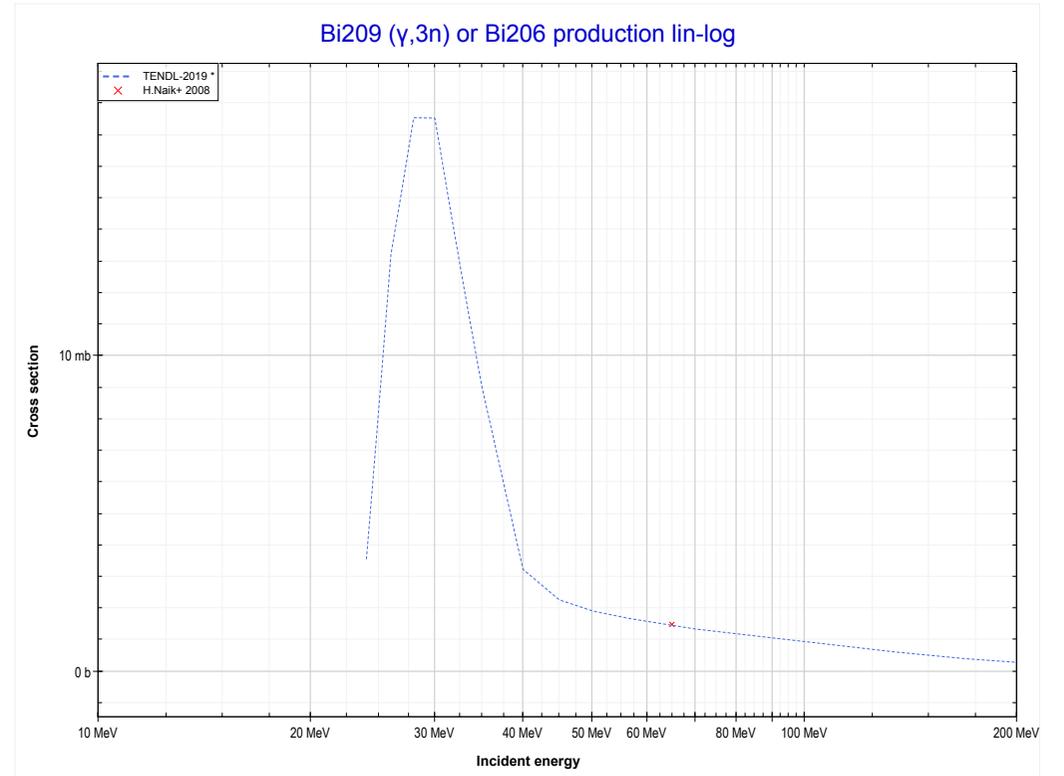
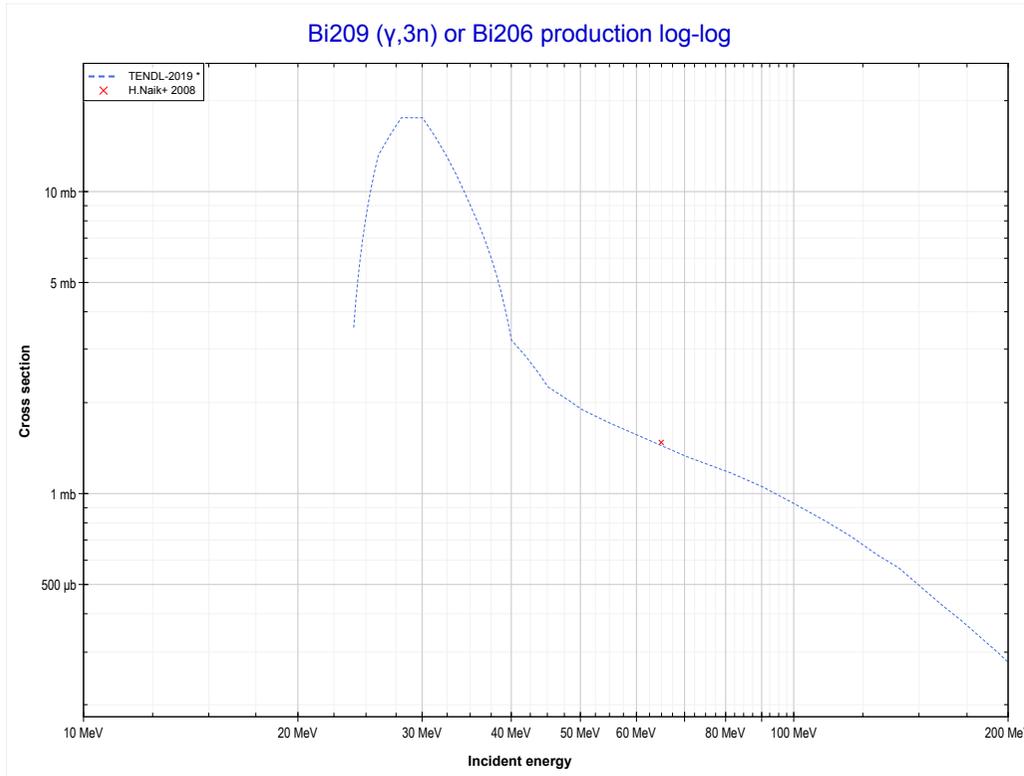
Reaction	Q-Value
Pb208($\gamma, 3n$)Pb205	-22192.35 keV

<< 82-Pb-208	83-Bi-209	90-Th-232 >>
<< 82-Pb-208 MT17 ($\gamma,3n$)	MT4 (γ,n) or MT5 (Bi208 production)	MT17 ($\gamma,3n$) >>



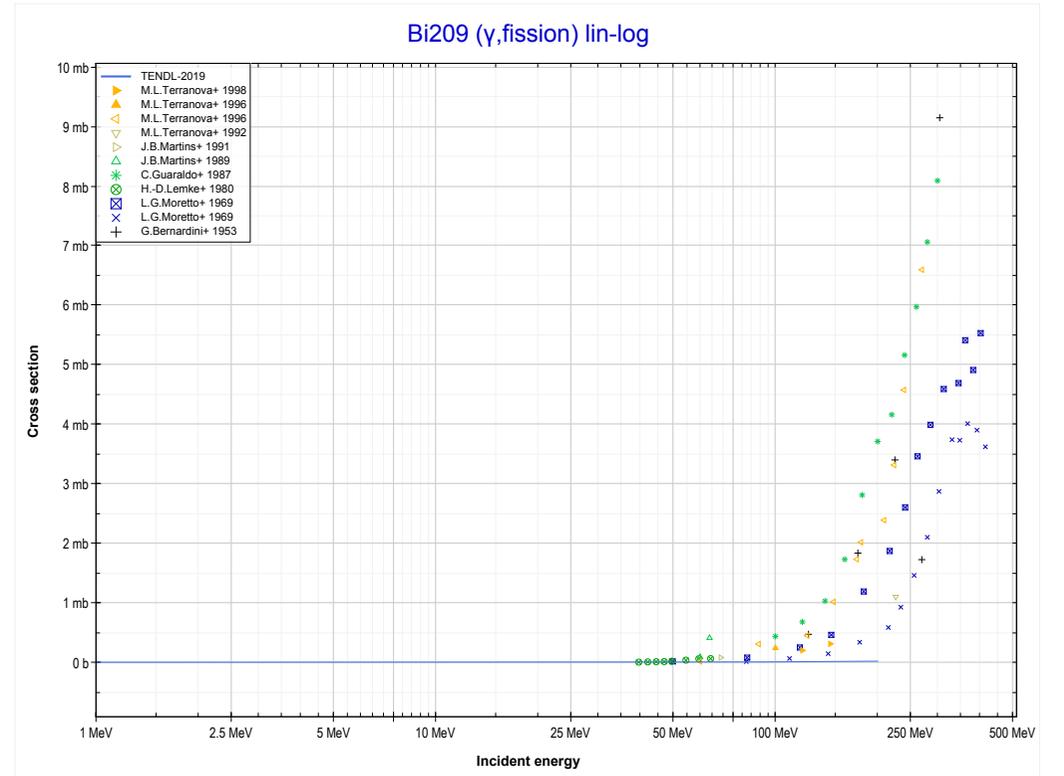
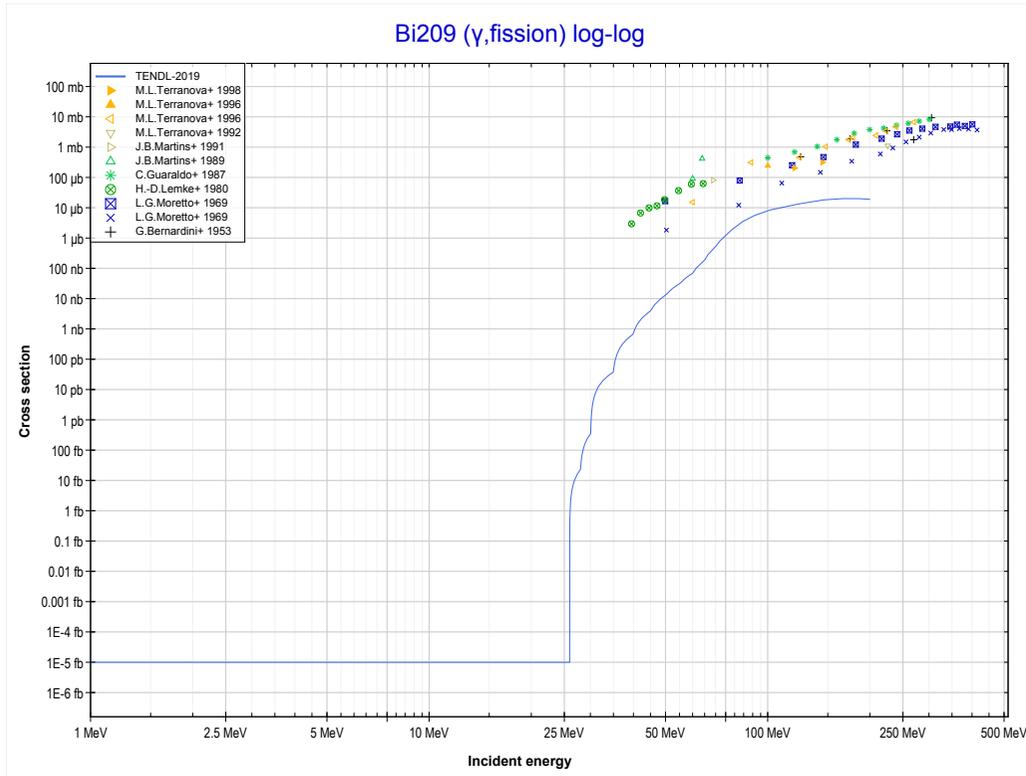
Reaction	Q-Value
Bi209(γ,n)Bi208	-7459.82 keV

<< 82-Pb-208	83-Bi-209	
<< MT4 (γ, n)	MT17 ($\gamma, 3n$) or MT5 (Bi206 production)	MT18 ($\gamma, fission$) >>

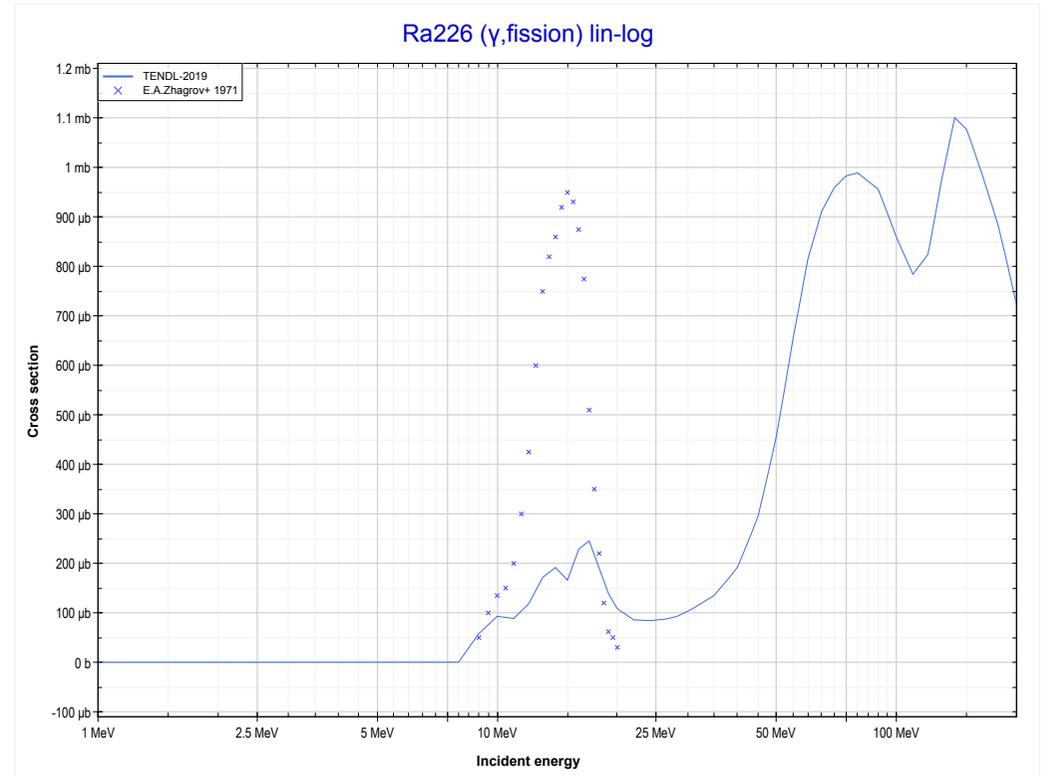
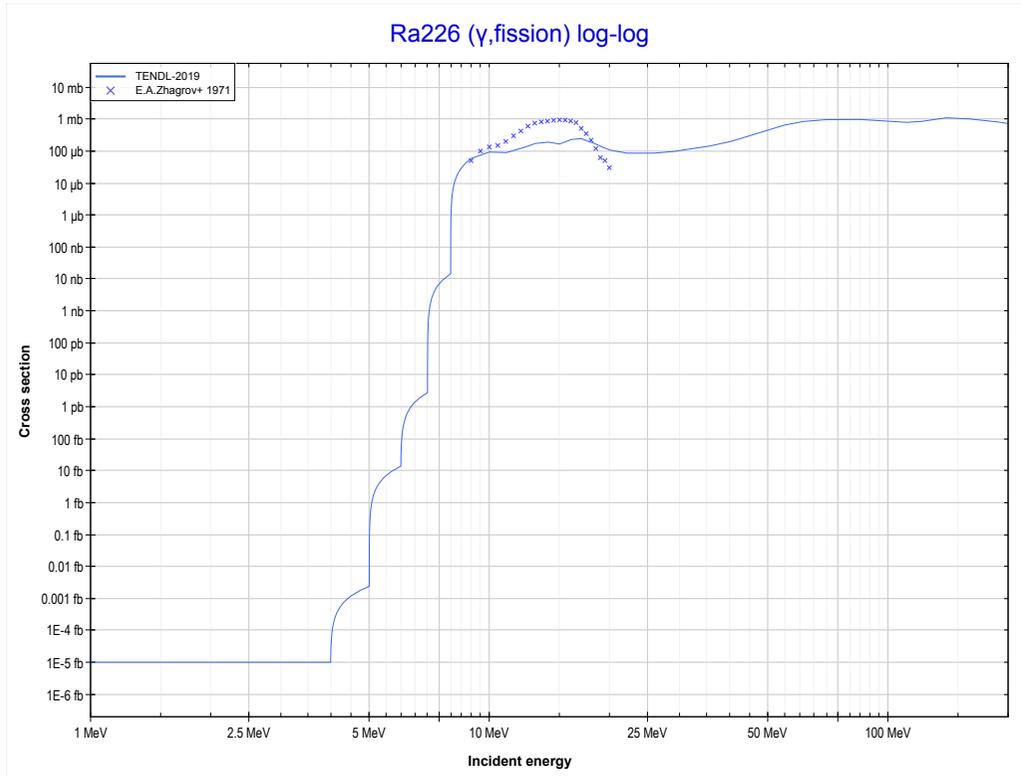


Reaction	Q-Value
Bi209($\gamma, 3n$)Bi206	-22444.65 keV

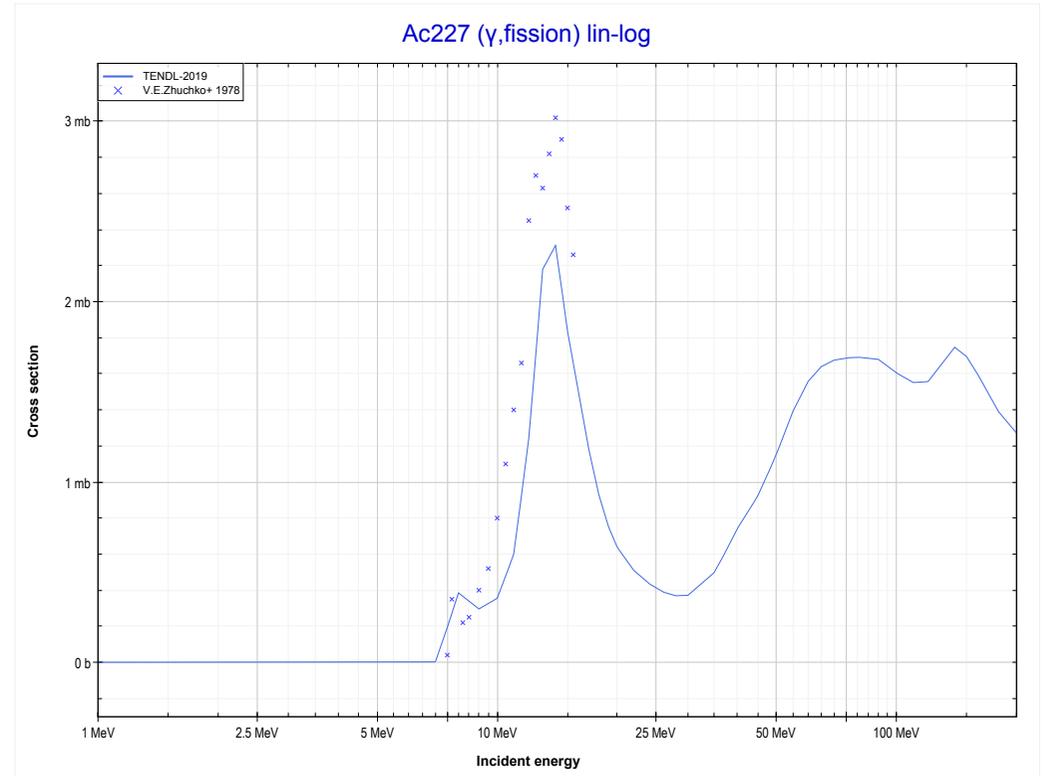
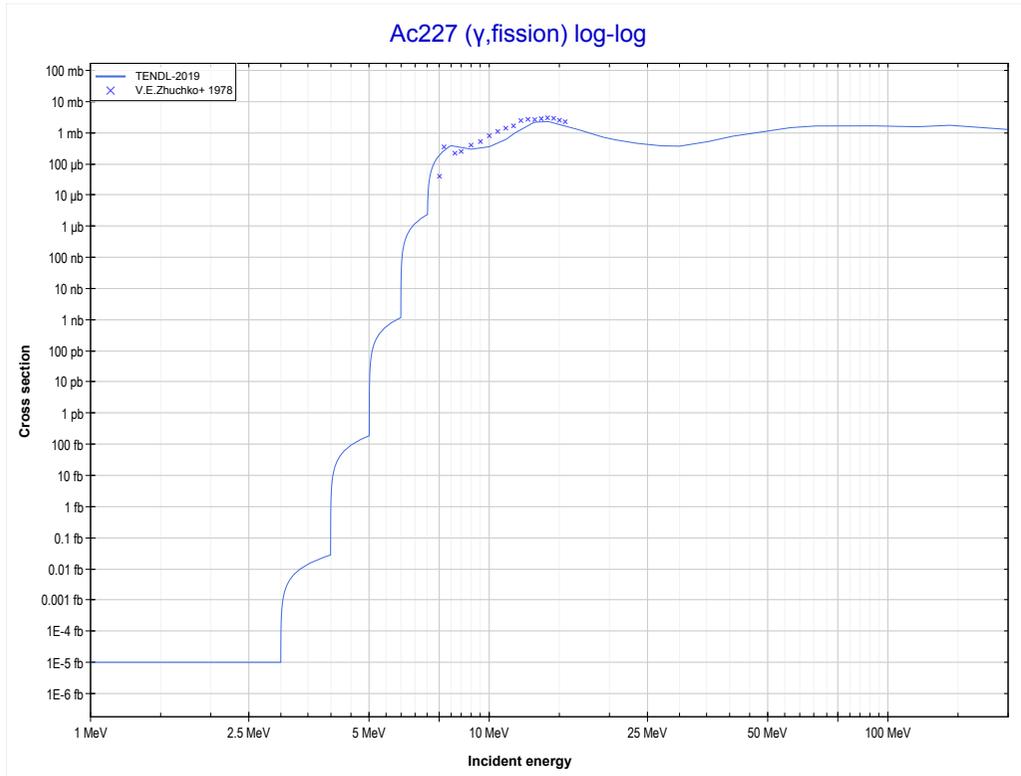
<< 79-Au-197	83-Bi-209	88-Ra-226 >>
<< MT17 ($\gamma,3n$)	MT18 (γ,fission)	88-Ra-226 MT18 (γ ,fission) >>



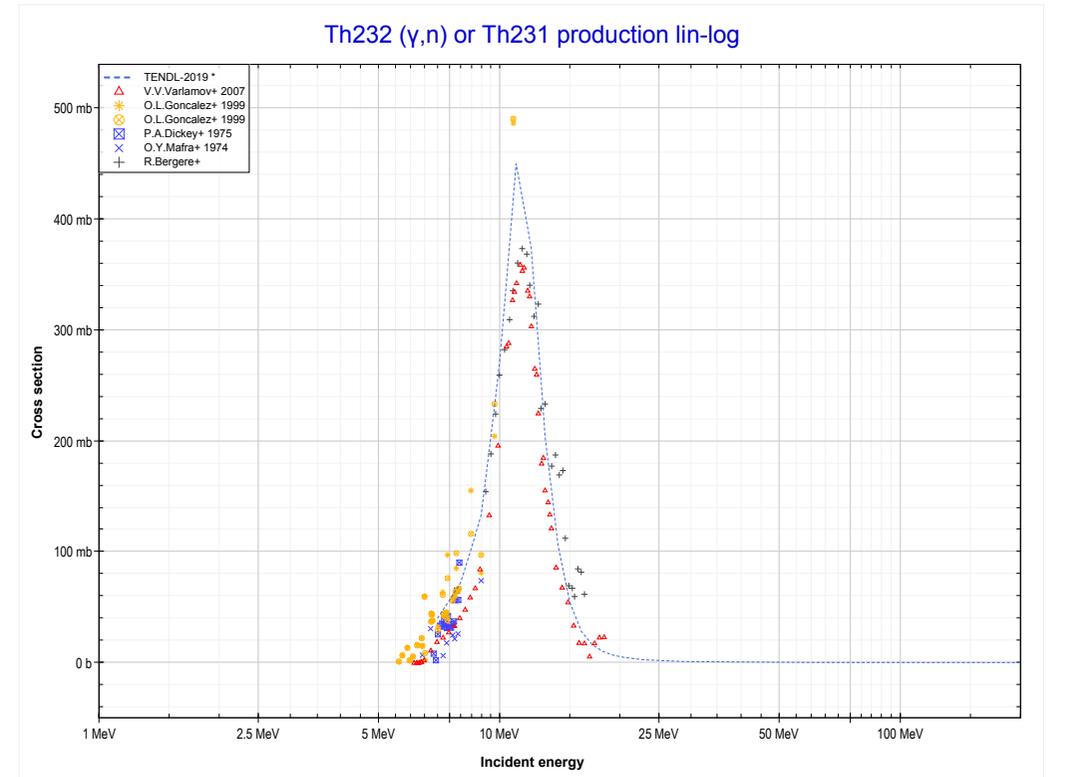
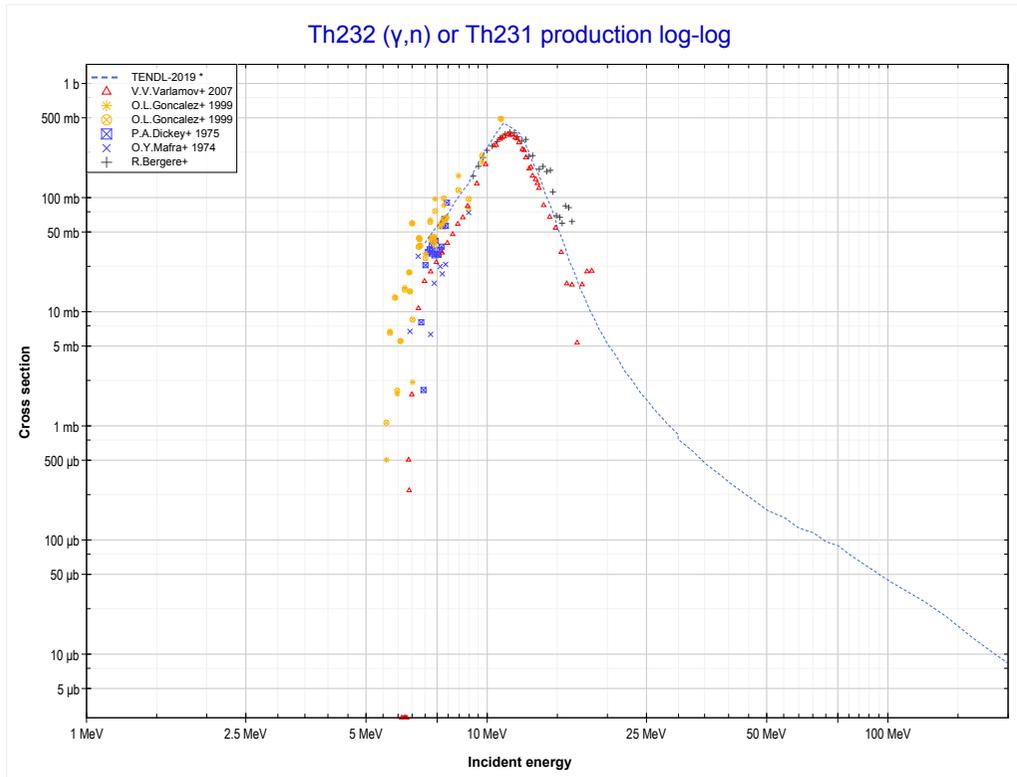
<< 83-Bi-209	88-Ra-226	89-Ac-227 >>
<< 83-Bi-209 MT18 (γ,fission)	MT18 (γ,fission)	89-Ac-227 MT18 (γ,fission) >>



<< 88-Ra-226	89-Ac-227	90-Th-232 >>
<< 88-Ra-226 MT18 (γ ,fission)	MT18 (γ,fission)	90-Th-232 MT4 (γ ,n) >>

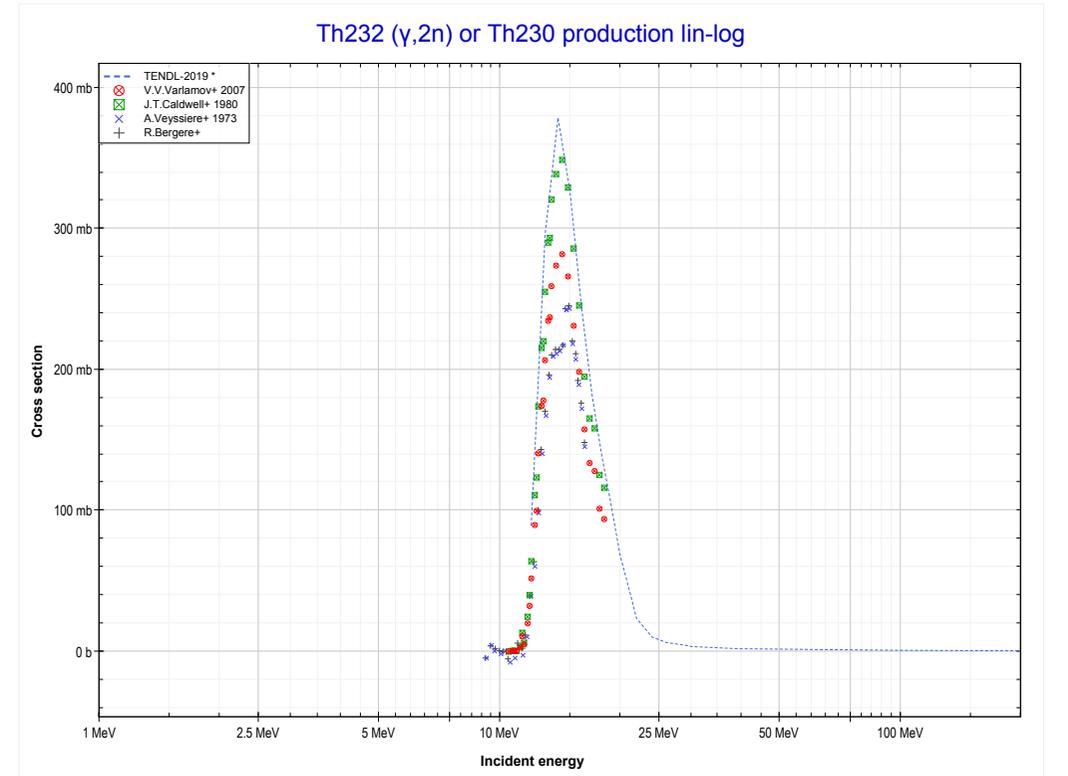
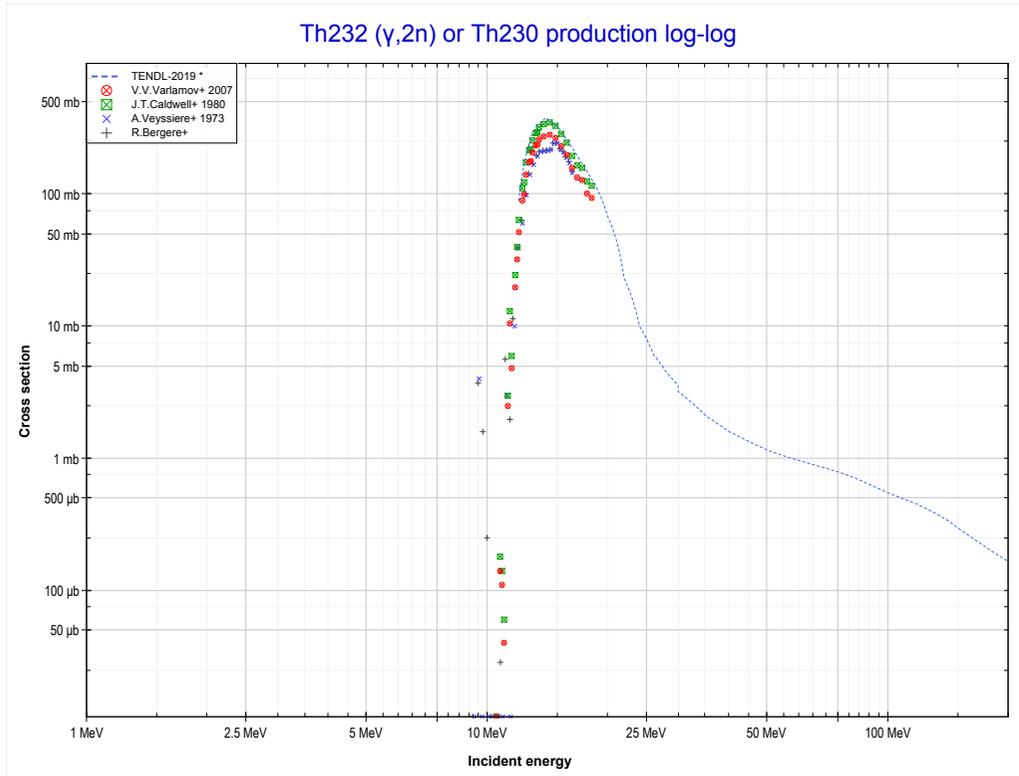


<< 83-Bi-209	90-Th-232	92-U-233 >>
<< 89-Ac-227 MT18 (γ ,fission)	MT4 (γ,n) or MT5 (Th231 production)	MT16 (γ ,2n) >>



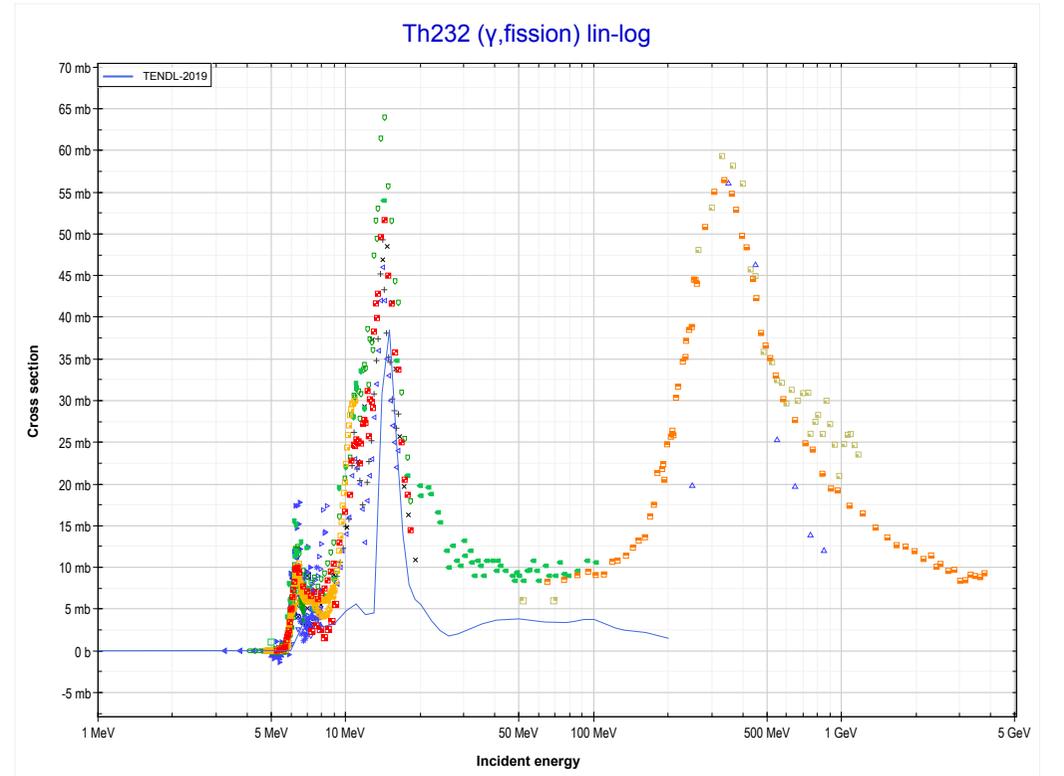
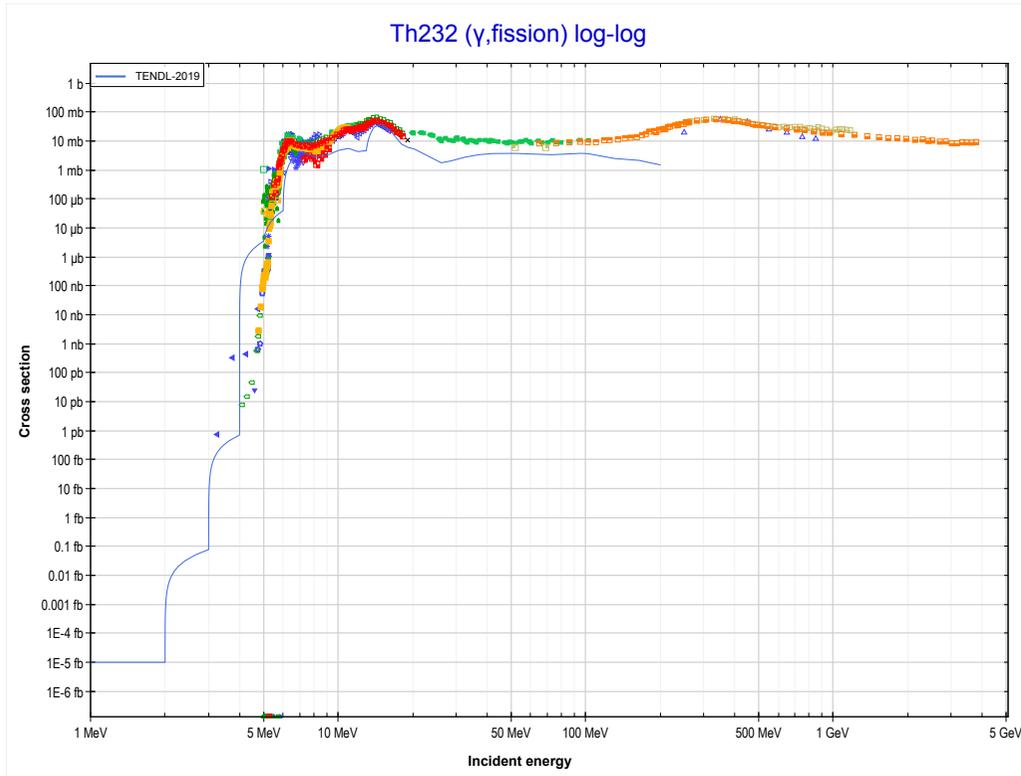
Reaction	Q-Value
Th232(γ ,n)Th231	-6440.42 keV

<< 79-Au-197	90-Th-232	92-U-235 >>
<< MT4 (γ, n)	MT16 ($\gamma, 2n$) or MT5 (Th230 production)	MT18 ($\gamma, fission$) >>

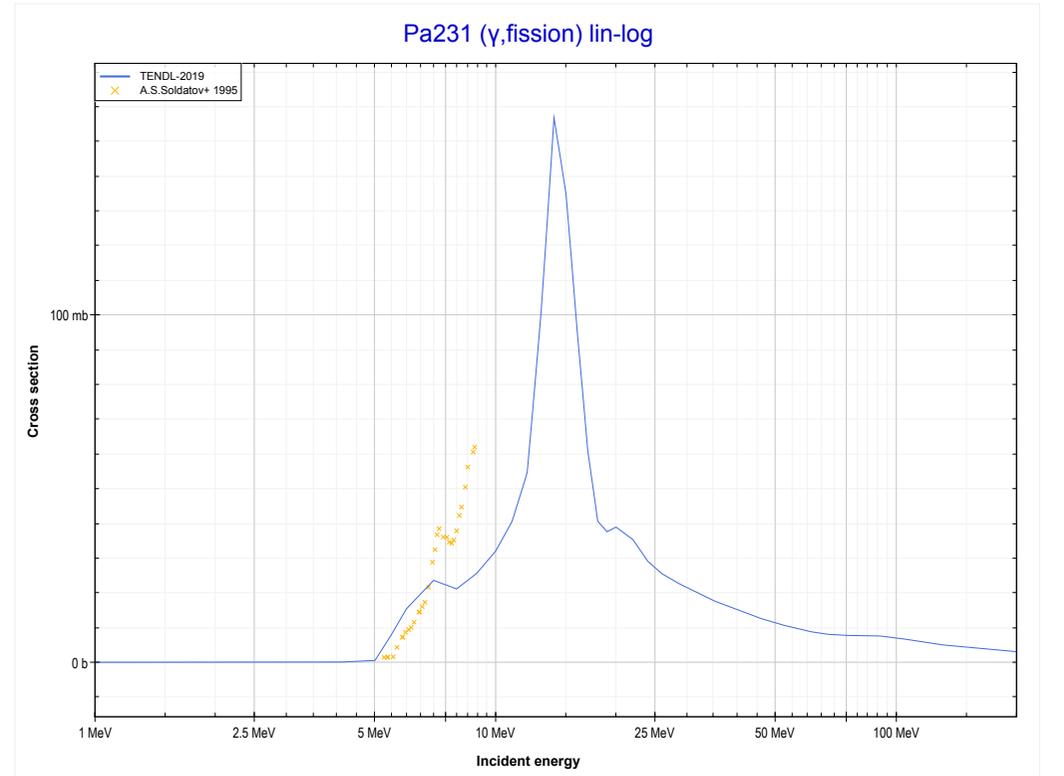
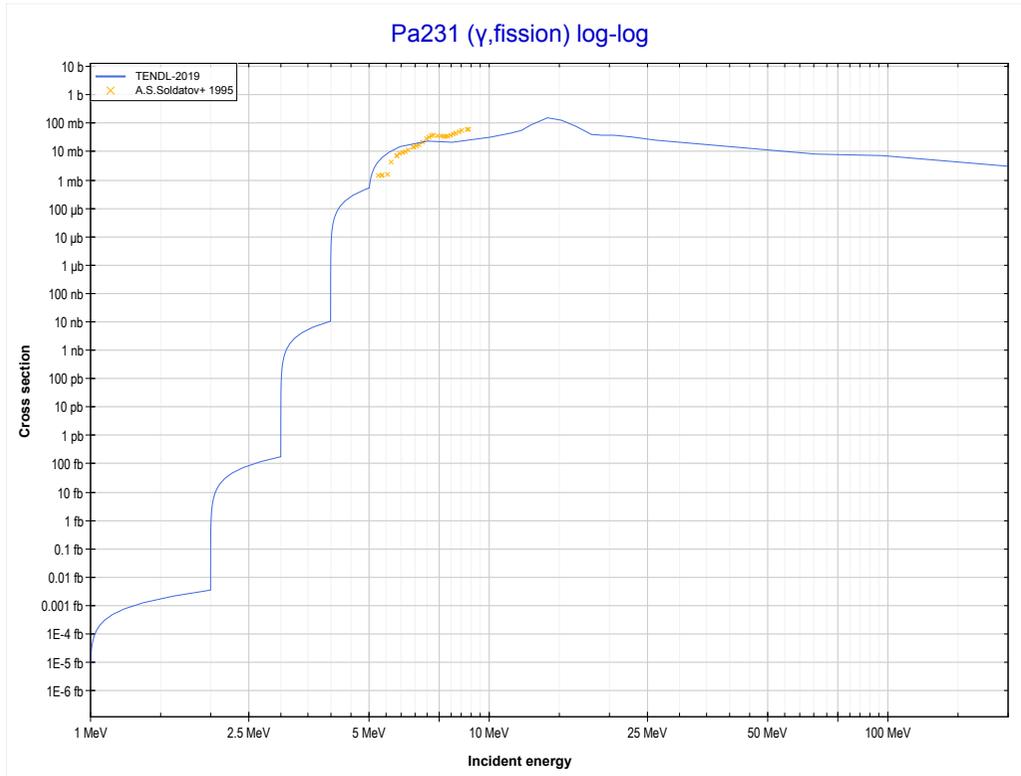


Reaction	Q-Value
Th232($\gamma, 2n$)Th230	-11558.43 keV

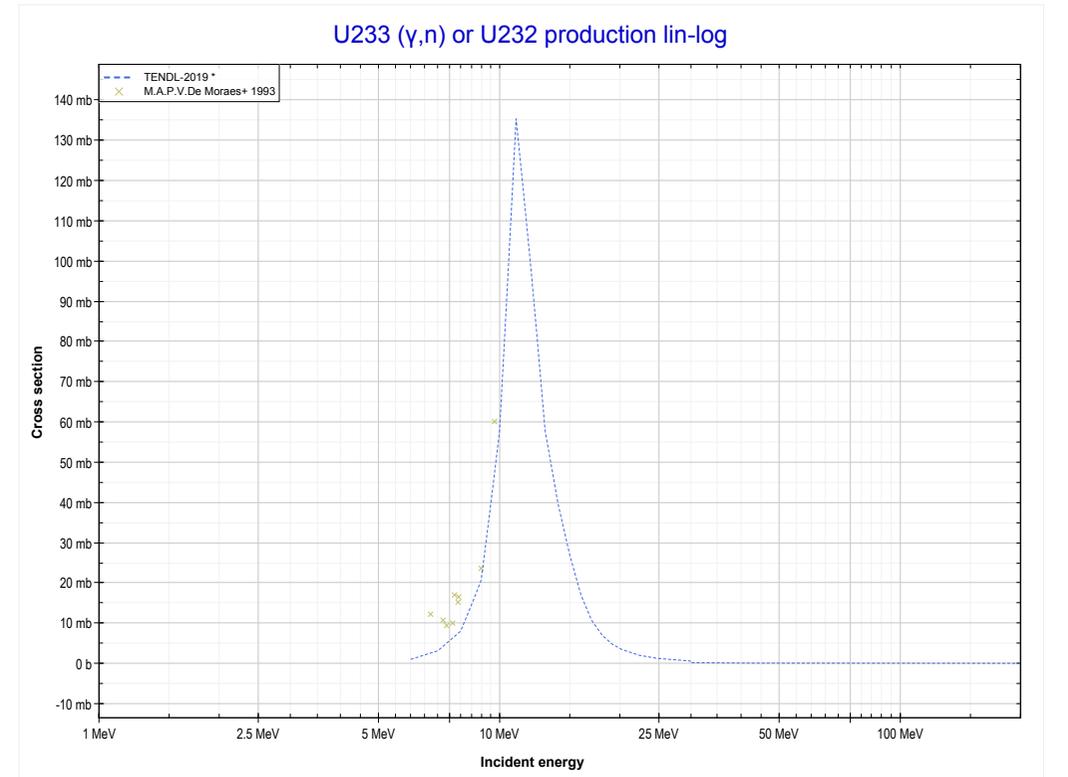
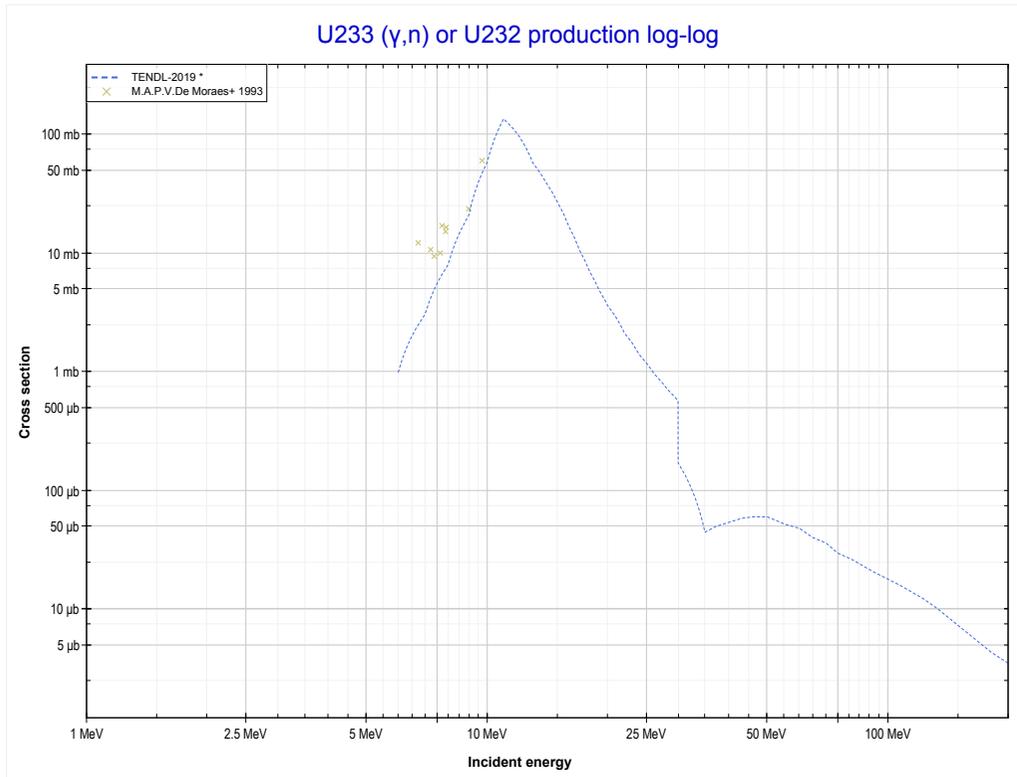
<< 89-Ac-227	90-Th-232	91-Pa-231 >>
<< MT16 ($\gamma,2n$)	MT18 (γ,fission)	91-Pa-231 MT18 (γ ,fission) >>



<< 90-Th-232	91-Pa-231	92-U-233 >>
<< 90-Th-232 MT18 (γ ,fission)	MT18 (γ,fission)	92-U-233 MT4 (γ ,n) >>

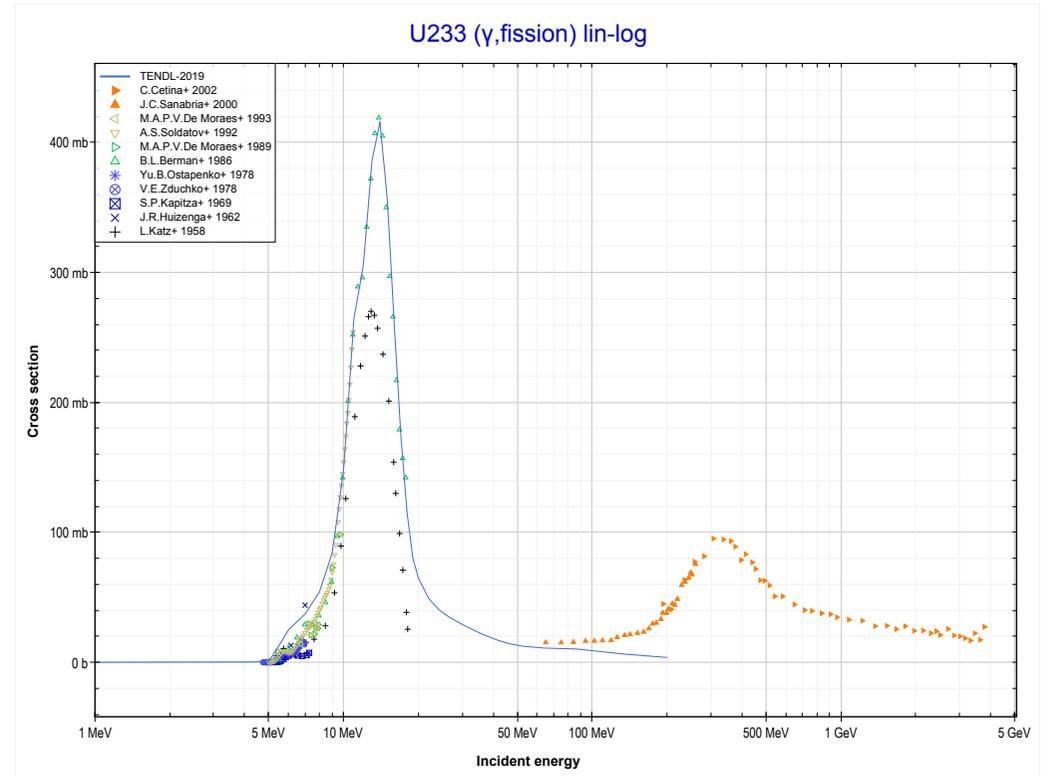
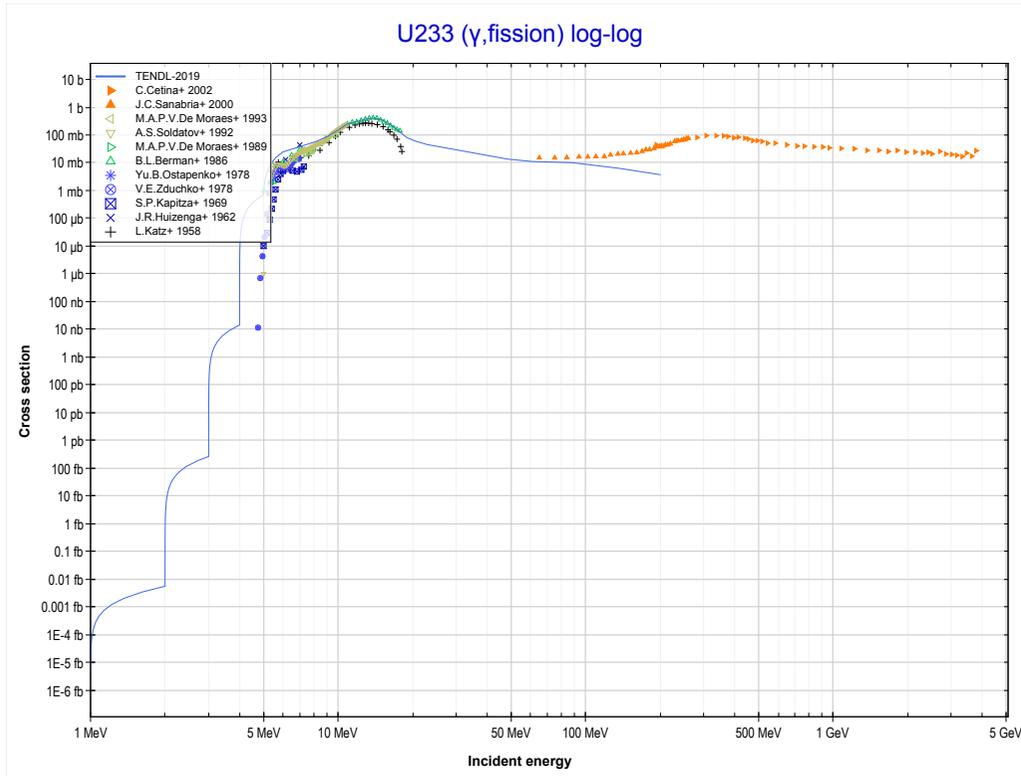


<< 90-Th-232	92-U-233	92-U-238 >>
<< 91-Pa-231 MT18 (γ ,fission)	MT4 (γ,n) or MT5 (U232 production)	MT18 (γ ,fission) >>

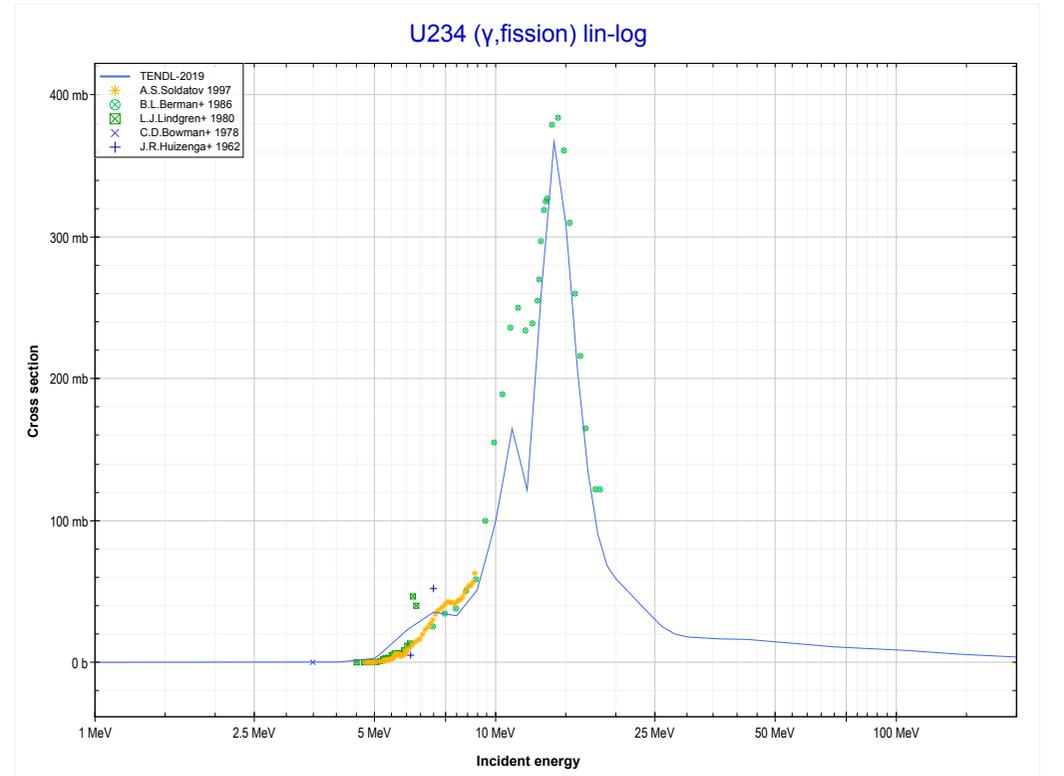
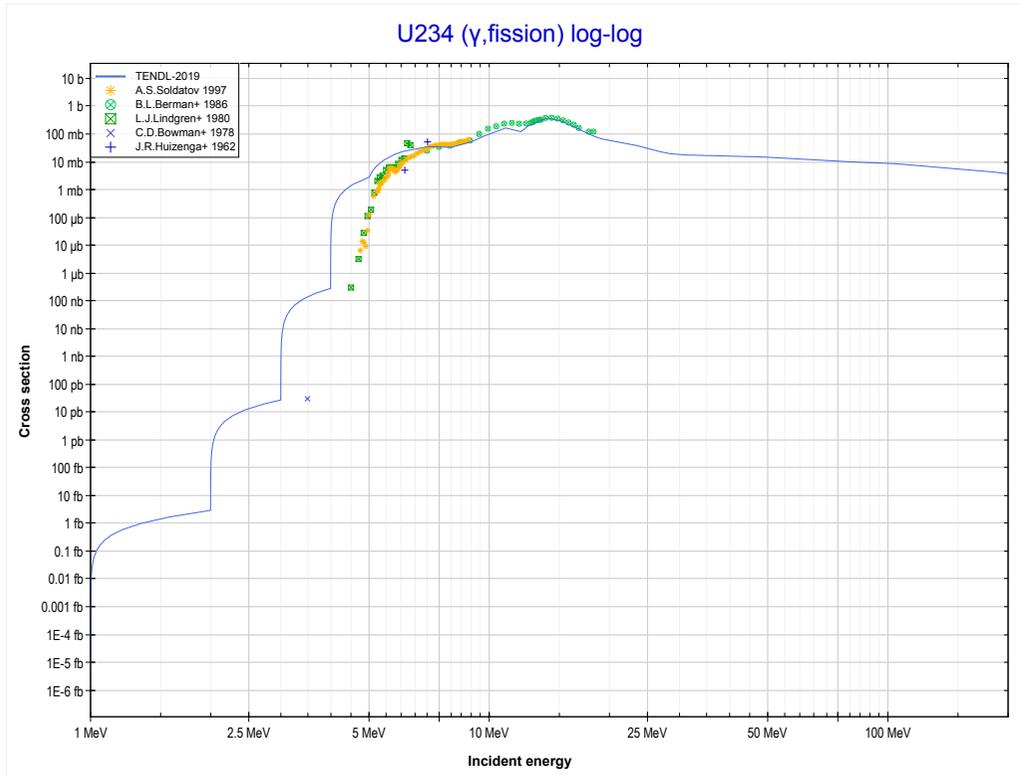


Reaction	Q-Value
U233(γ ,n)U232	-5761.62 keV

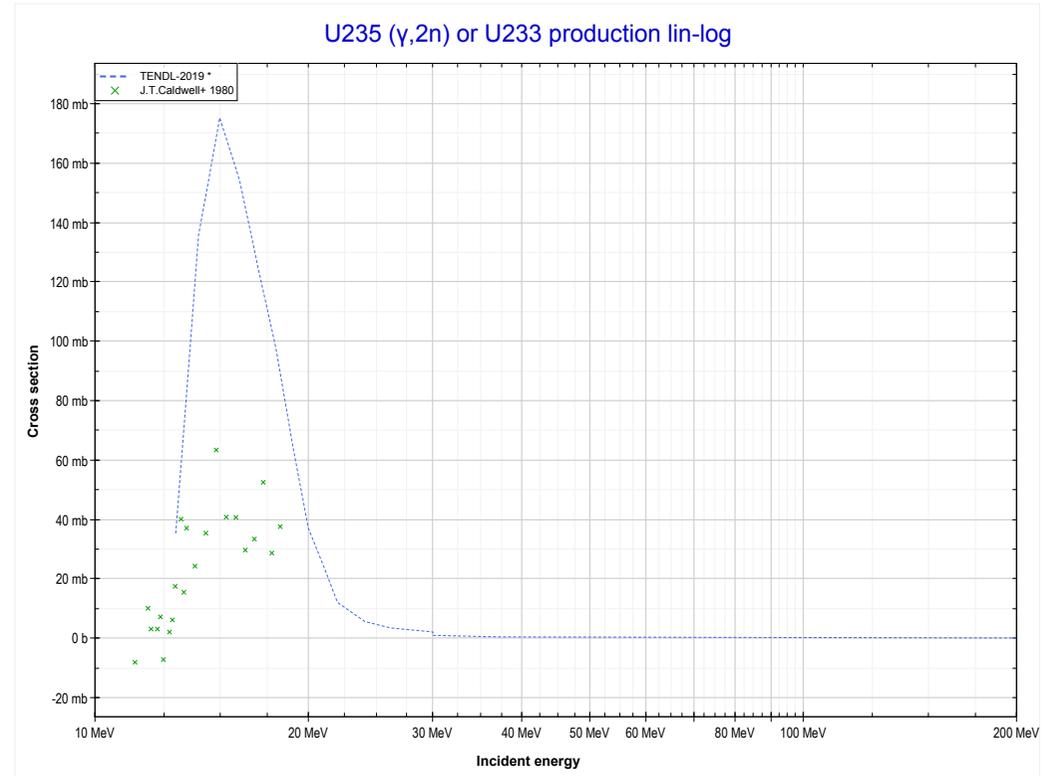
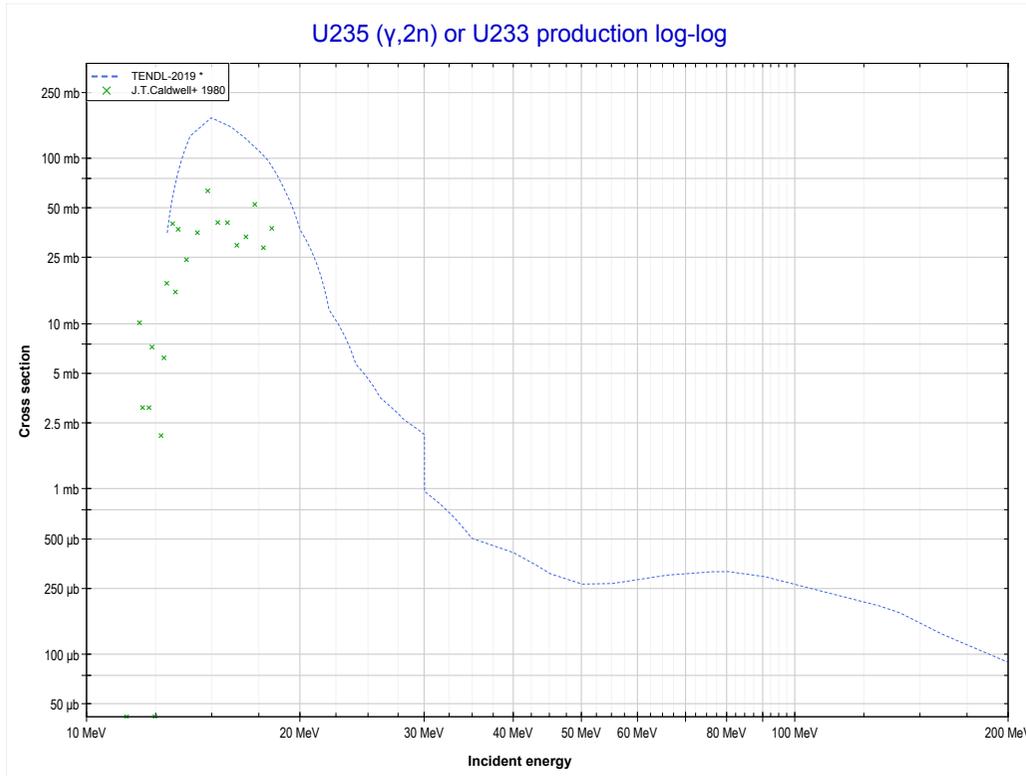
<< 91-Pa-231	92-U-233	92-U-234 >>
<< MT4 (γ,n)	MT18 ($\gamma,fission$)	92-U-234 MT18 ($\gamma,fission$) >>



<< 92-U-233	92-U-234	92-U-235 >>
<< 92-U-233 MT18 (γ ,fission)	MT18 (γ,fission)	92-U-235 MT16 (γ ,2n) >>

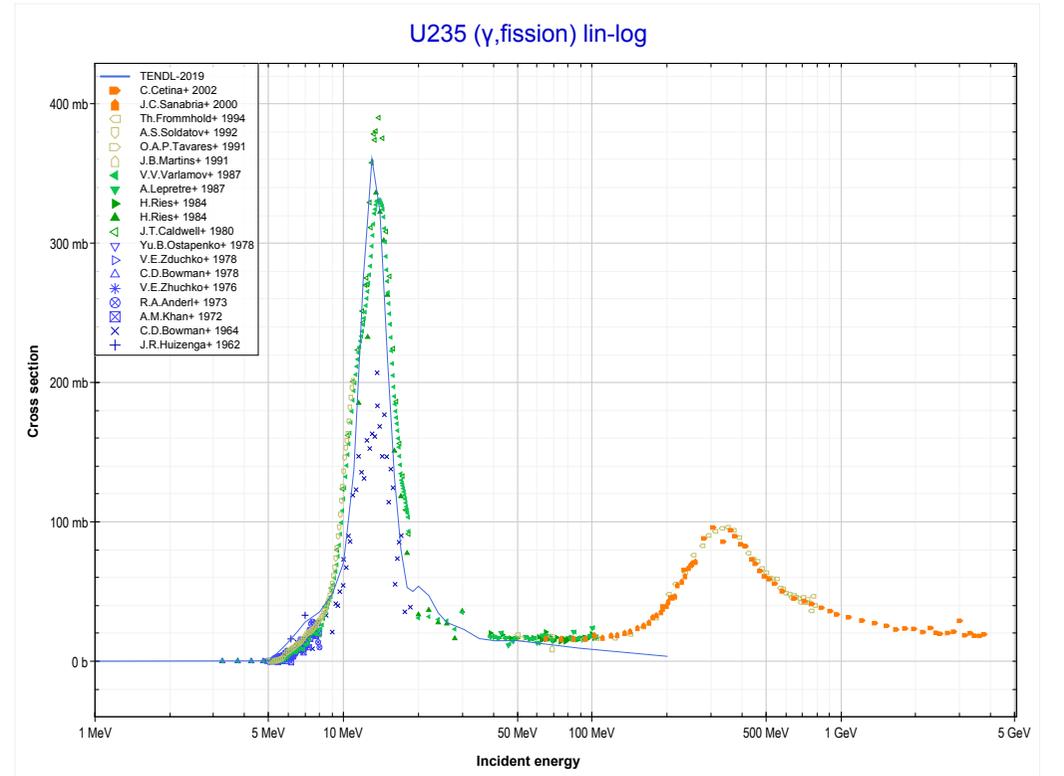
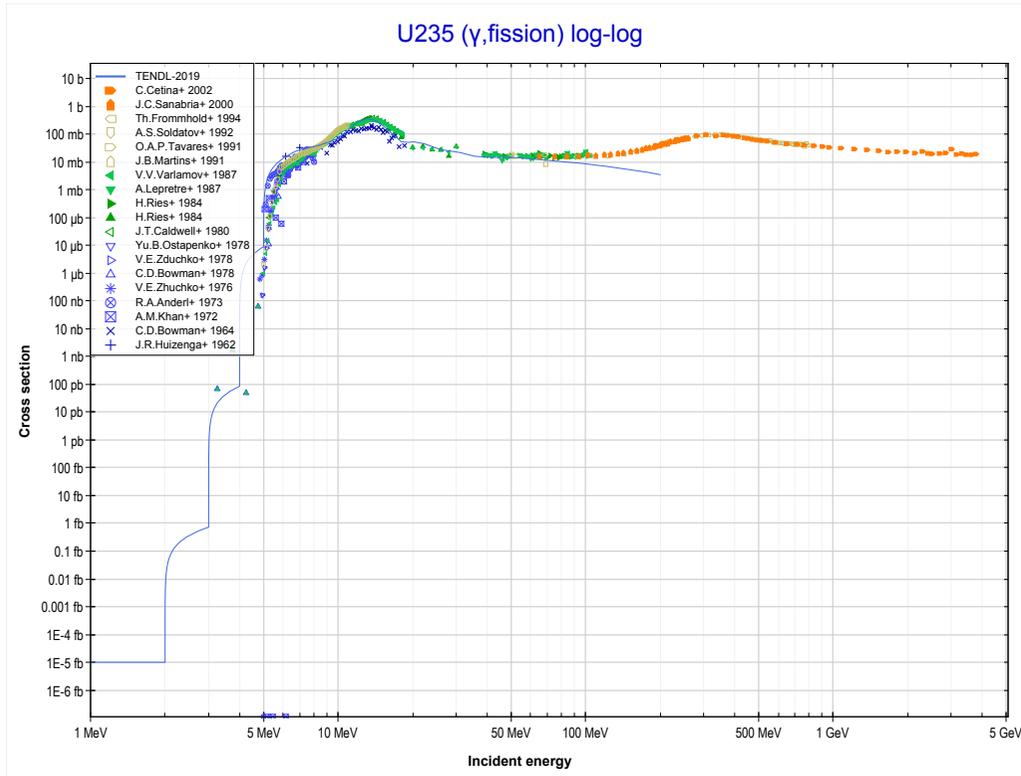


<< 90-Th-232	92-U-235	92-U-236 >>
<< 92-U-234 MT18 (γ ,fission)	MT16 (γ,2n) or MT5 (U233 production)	MT18 (γ ,fission) >>

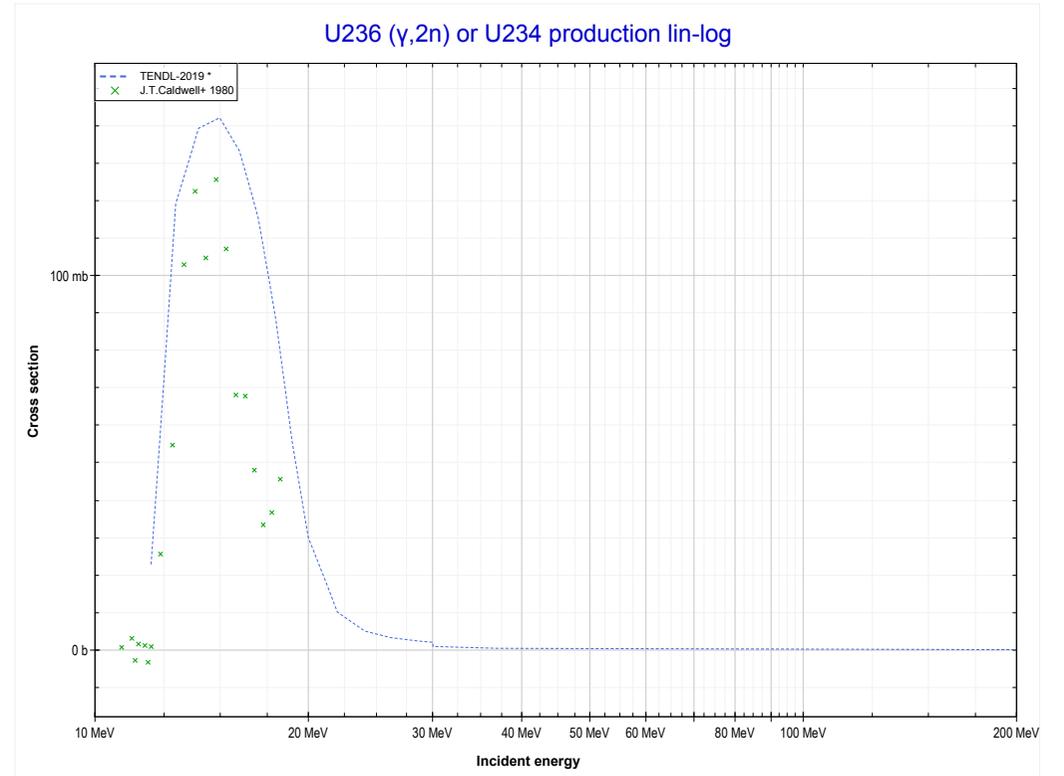
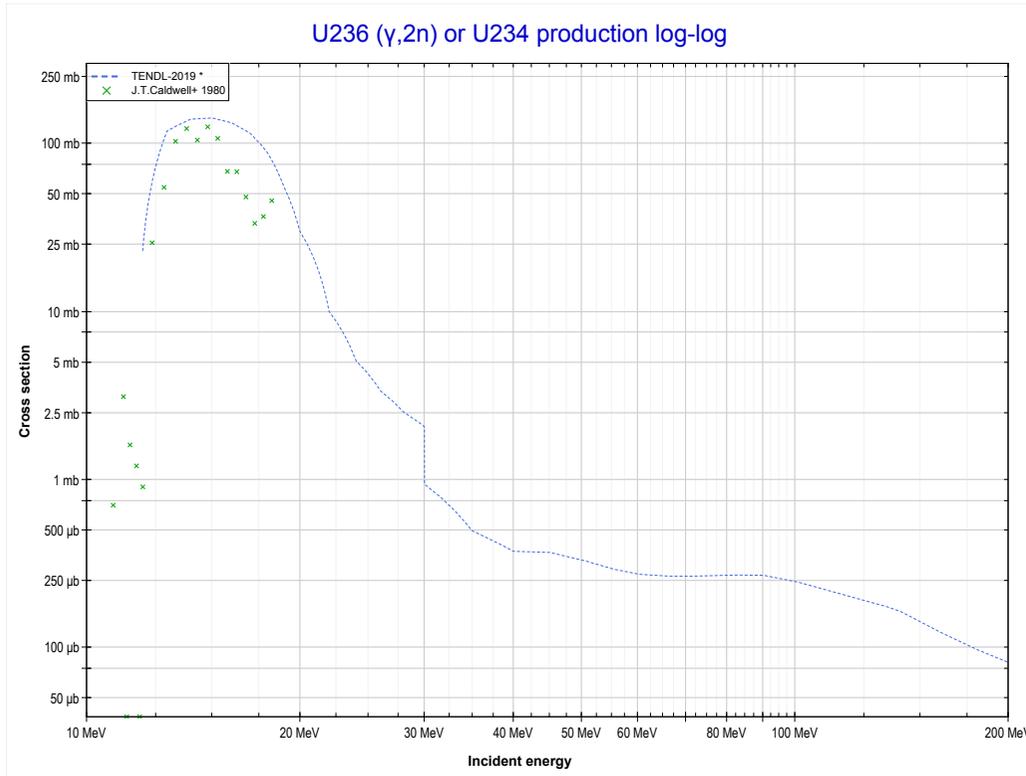


Reaction	Q-Value
U235(γ ,2n)U233	-12143.03 keV

<< 92-U-234	92-U-235	92-U-236 >>
<< MT16 ($\gamma,2n$)	MT18 (γ,fission)	92-U-236 MT16 ($\gamma,2n$) >>

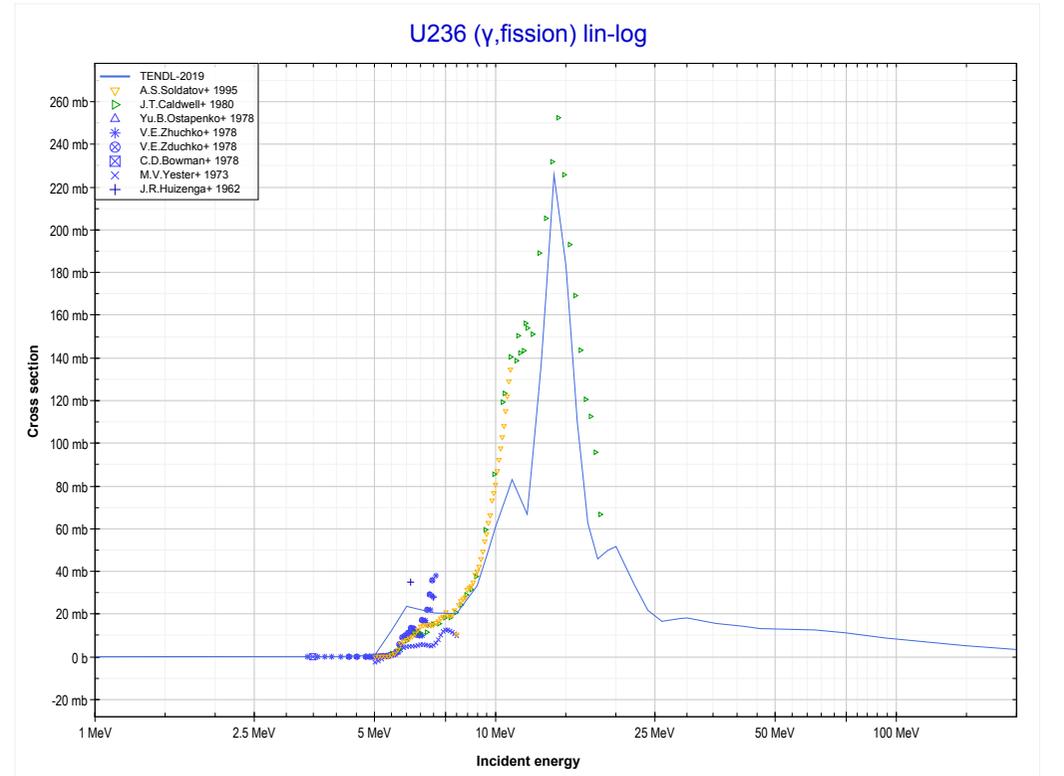
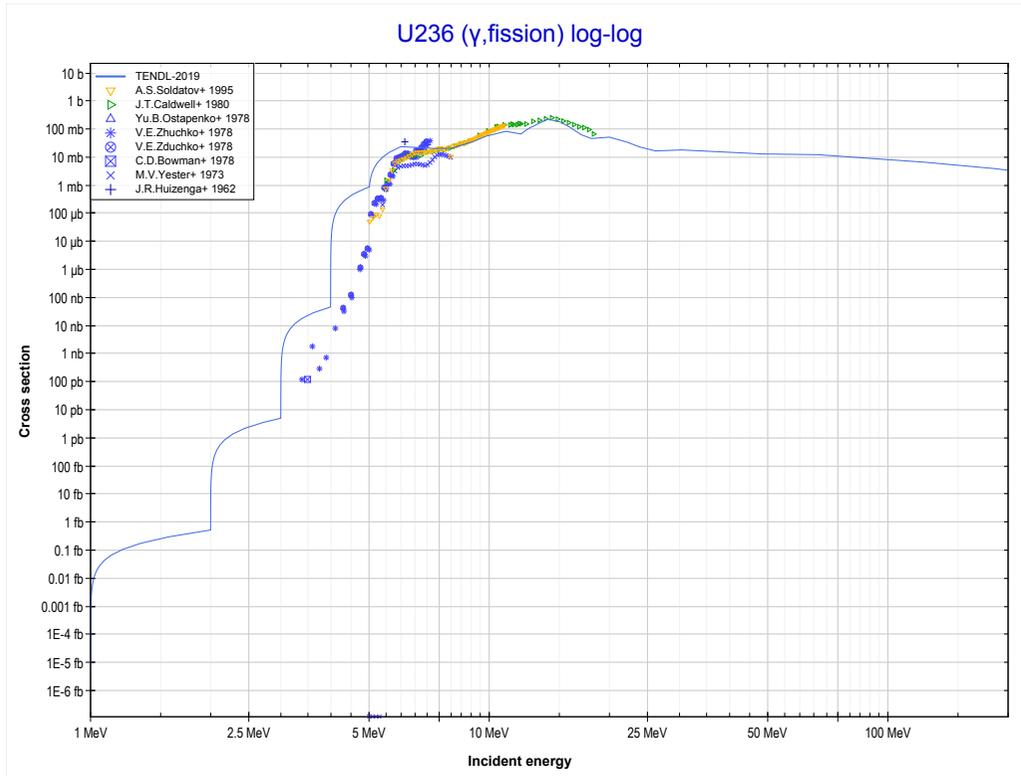


<< 92-U-235	92-U-236	92-U-238 >>
<< 92-U-235 MT18 (γ,fission)	MT16 (γ,2n) or MT5 (U234 production)	MT18 (γ,fission) >>

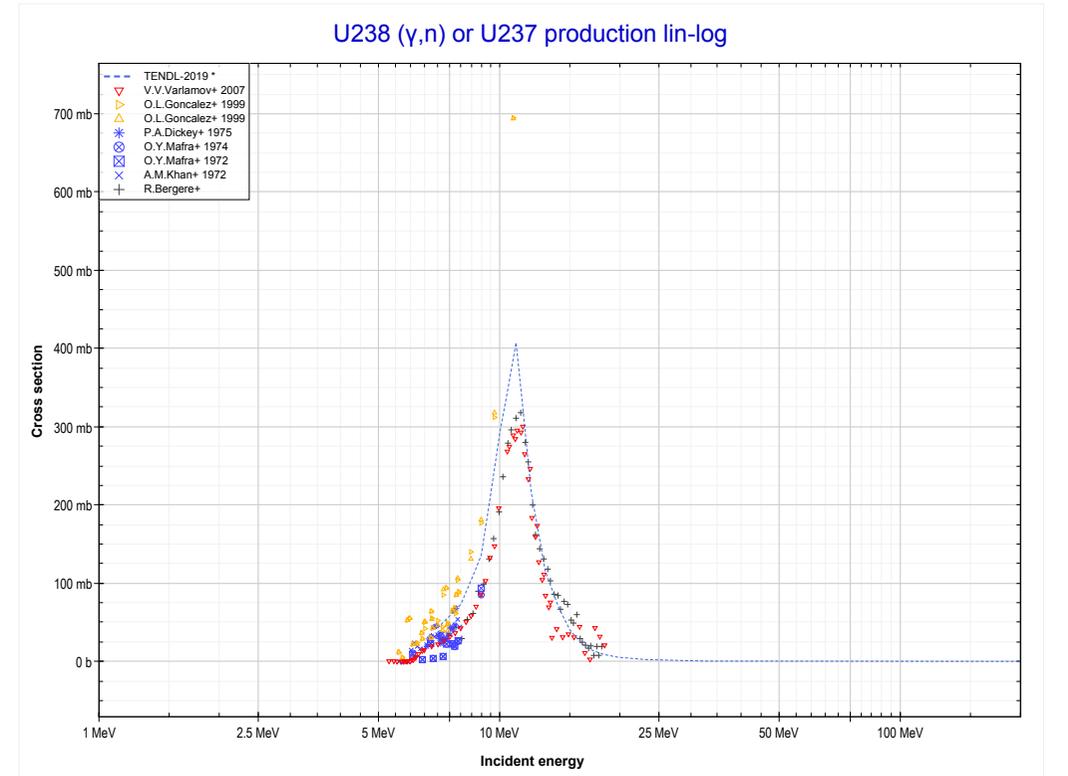
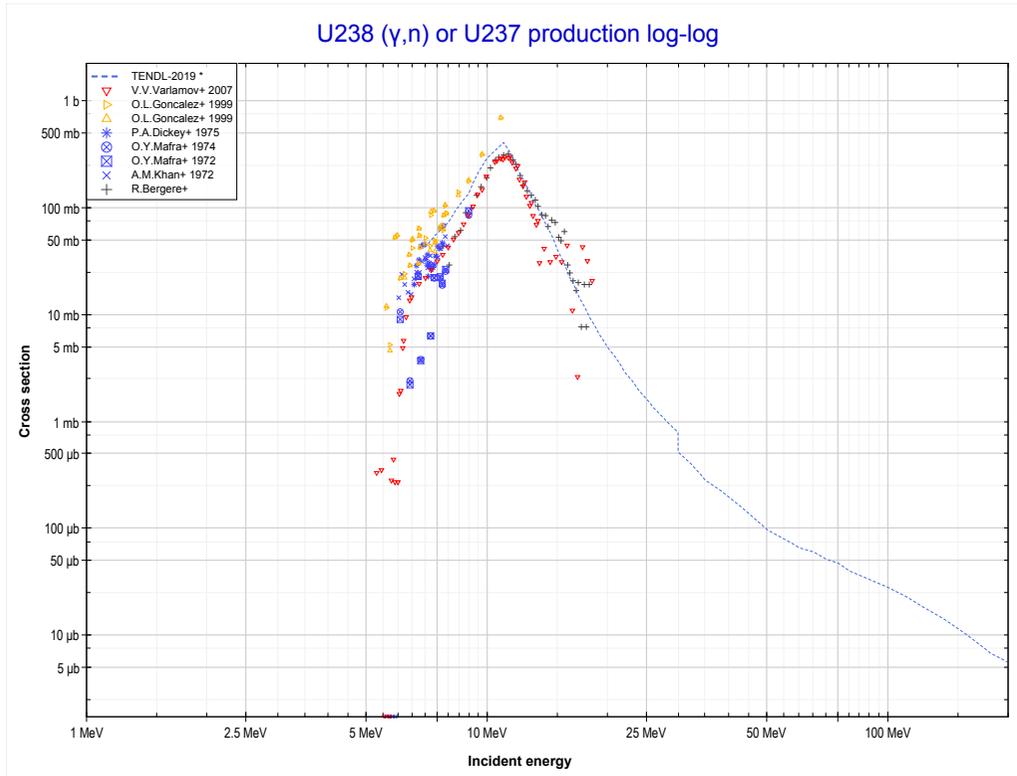


Reaction	Q-Value
U236(γ,2n)U234	-11843.03 keV

<< 92-U-235	92-U-236	92-U-238 >>
<< MT16 ($\gamma,2n$)	MT18 (γ,fission)	92-U-238 MT4 (γ ,n) >>

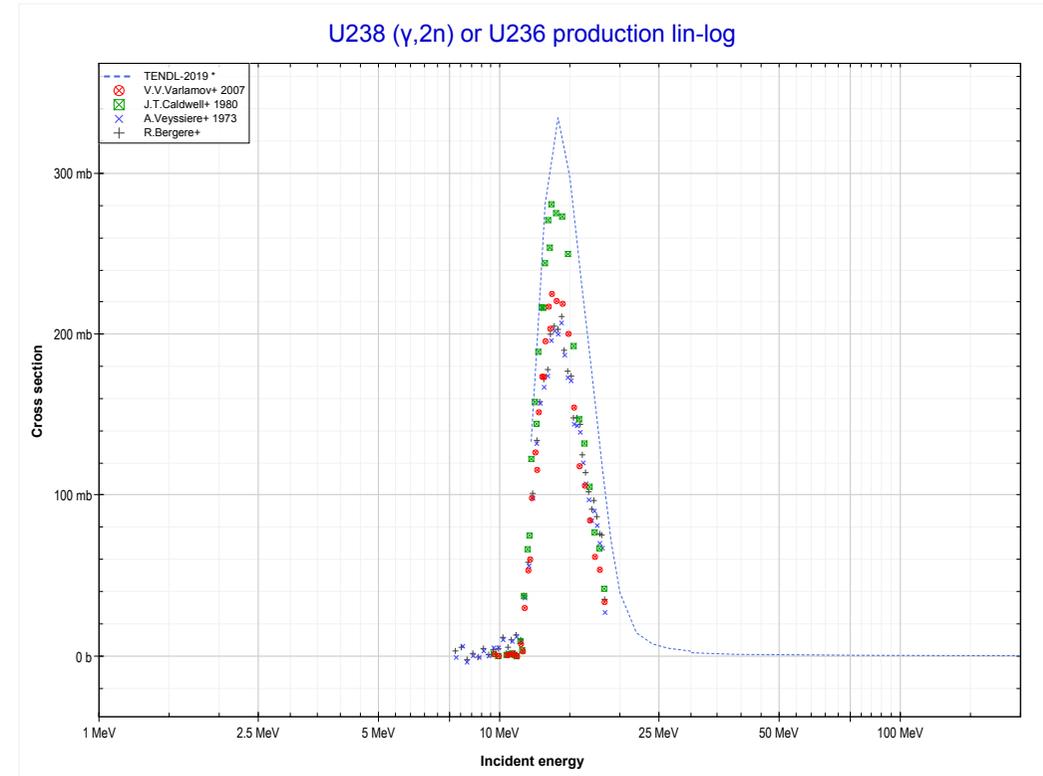
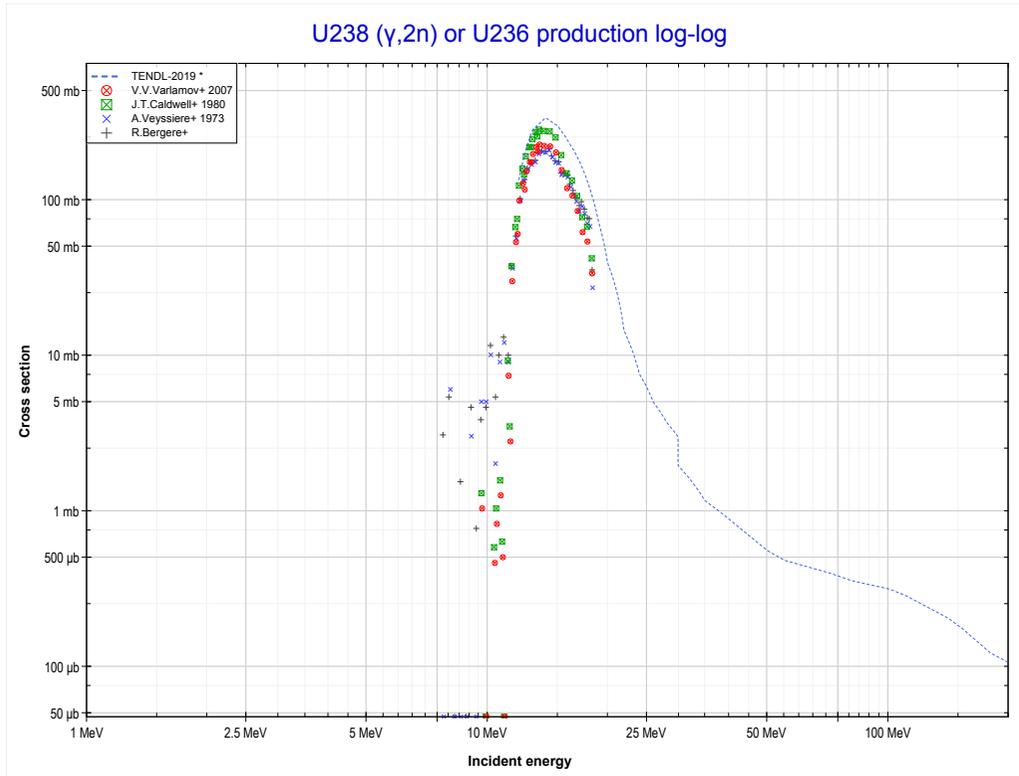


<< 92-U-233	92-U-238	93-Np-237 >>
<< 92-U-236 MT18 (γ ,fission)	MT4 (γ,n) or MT5 (U237 production)	MT16 (γ ,2n) >>



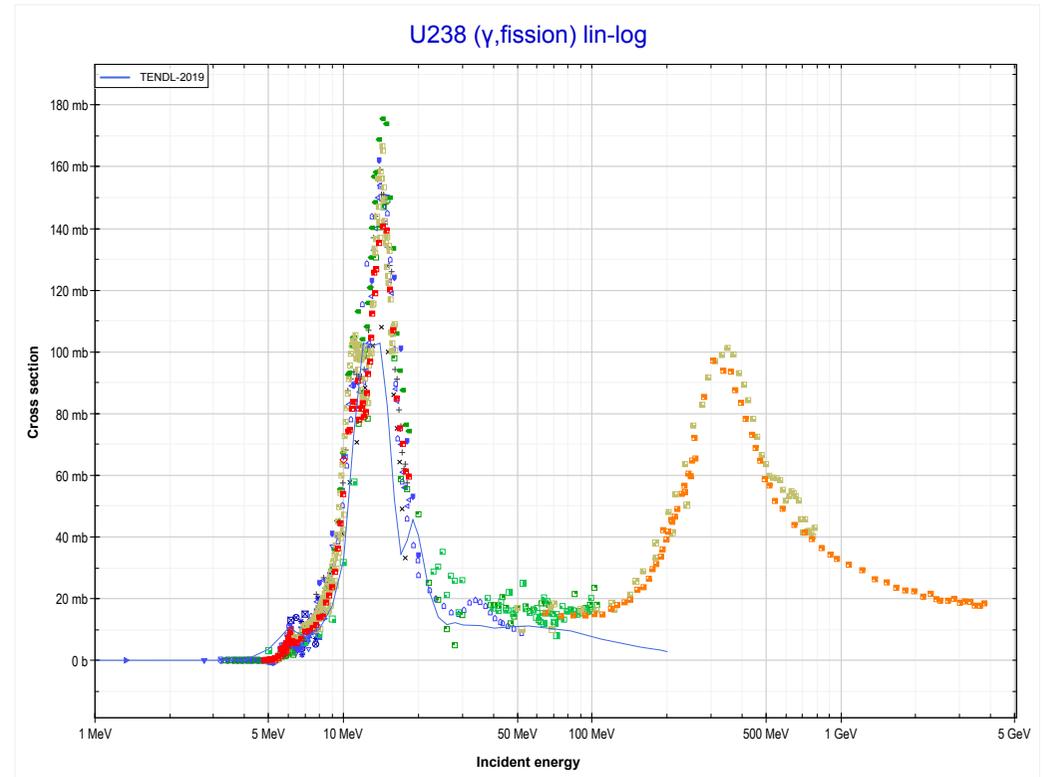
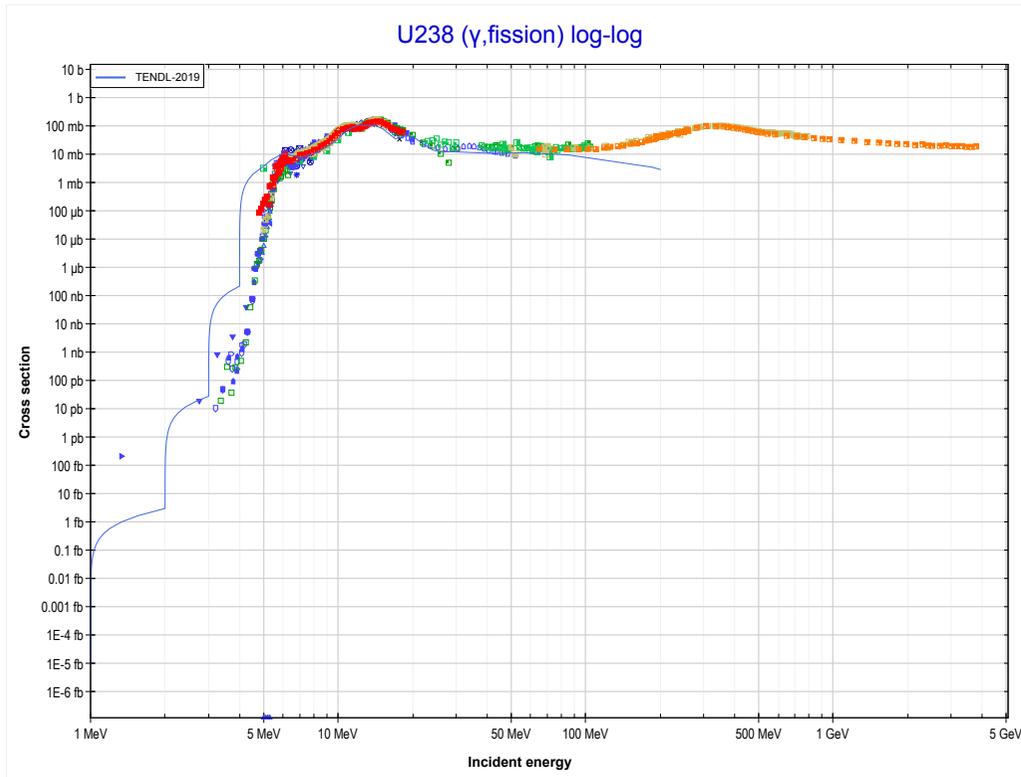
Reaction	Q-Value
U238(γ ,n)U237	-6153.72 keV

<< 92-U-236	92-U-238	93-Np-237 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (U236 production)	MT18 (γ ,fission) >>

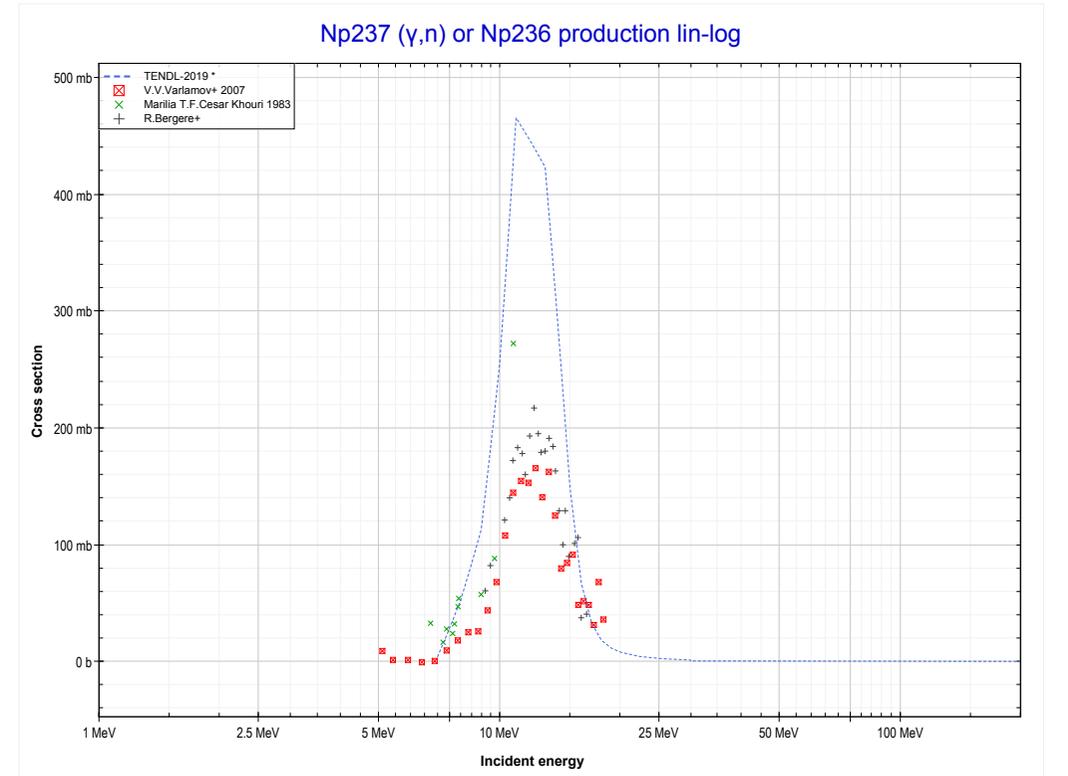
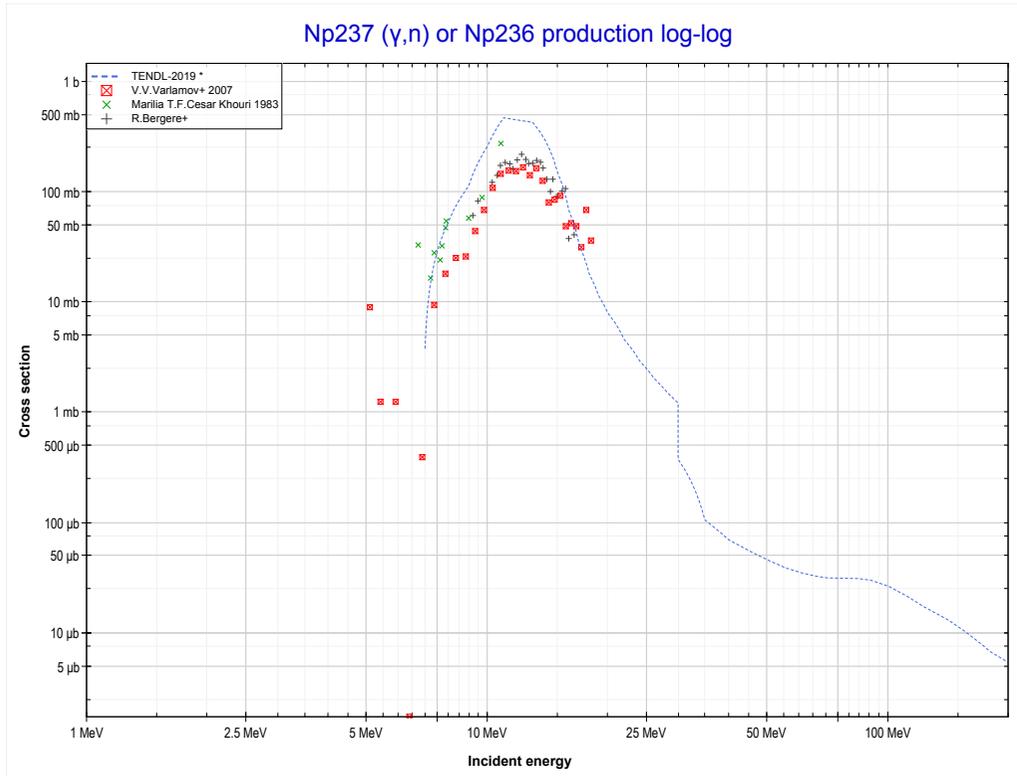


Reaction	Q-Value
U238($\gamma,2n$)U236	-11279.43 keV

<< 92-U-236	92-U-238	93-Np-237 >>
<< MT16 ($\gamma,2n$)	MT18 (γ,fission)	93-Np-237 MT4 (γ,n) >>

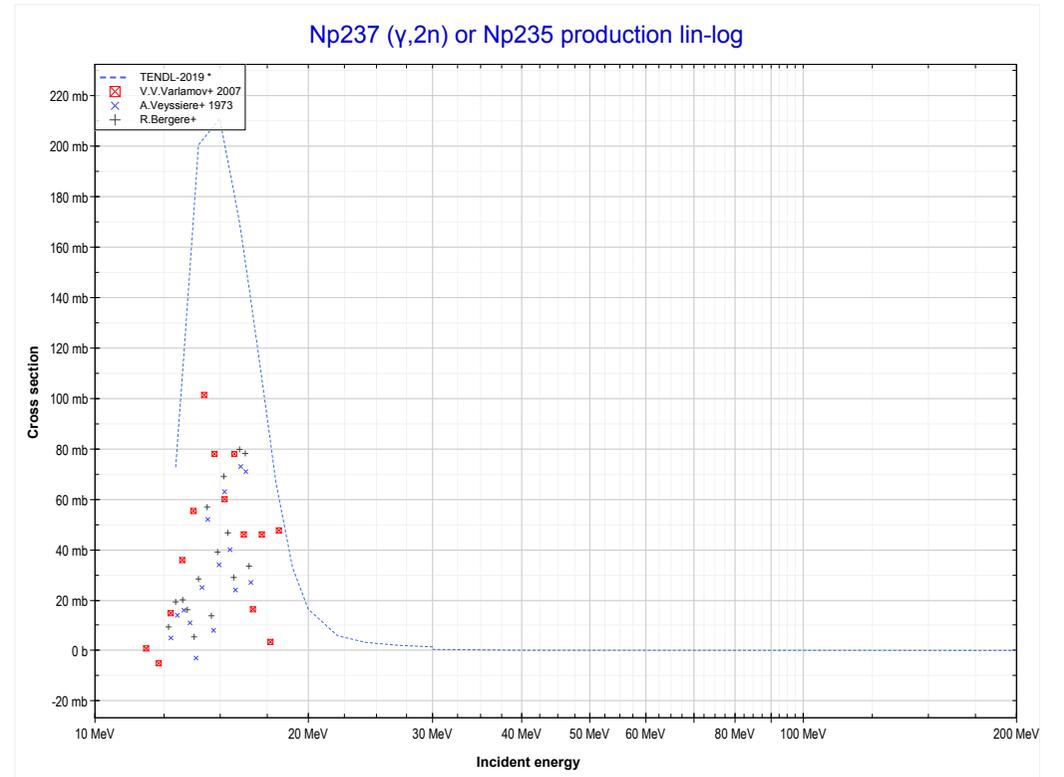
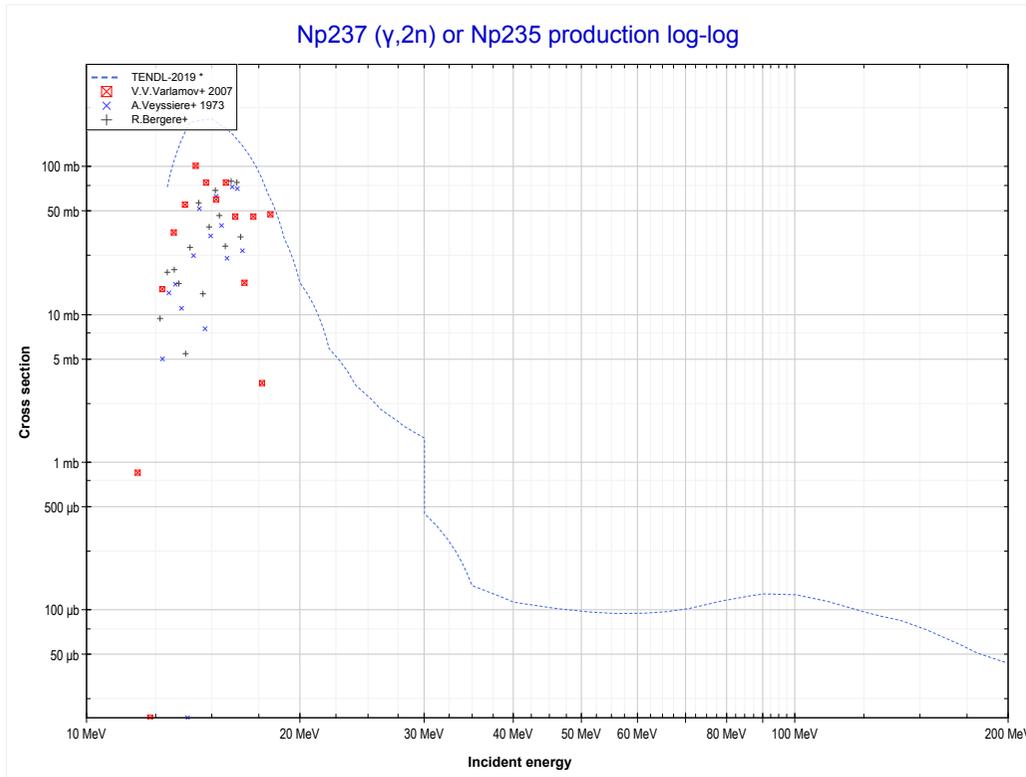


<< 92-U-238	93-Np-237	94-Pu-239 >>
<< 92-U-238 MT18 (γ ,fission)	MT4 (γ,n) or MT5 (Np236 production)	MT16 (γ ,2n) >>



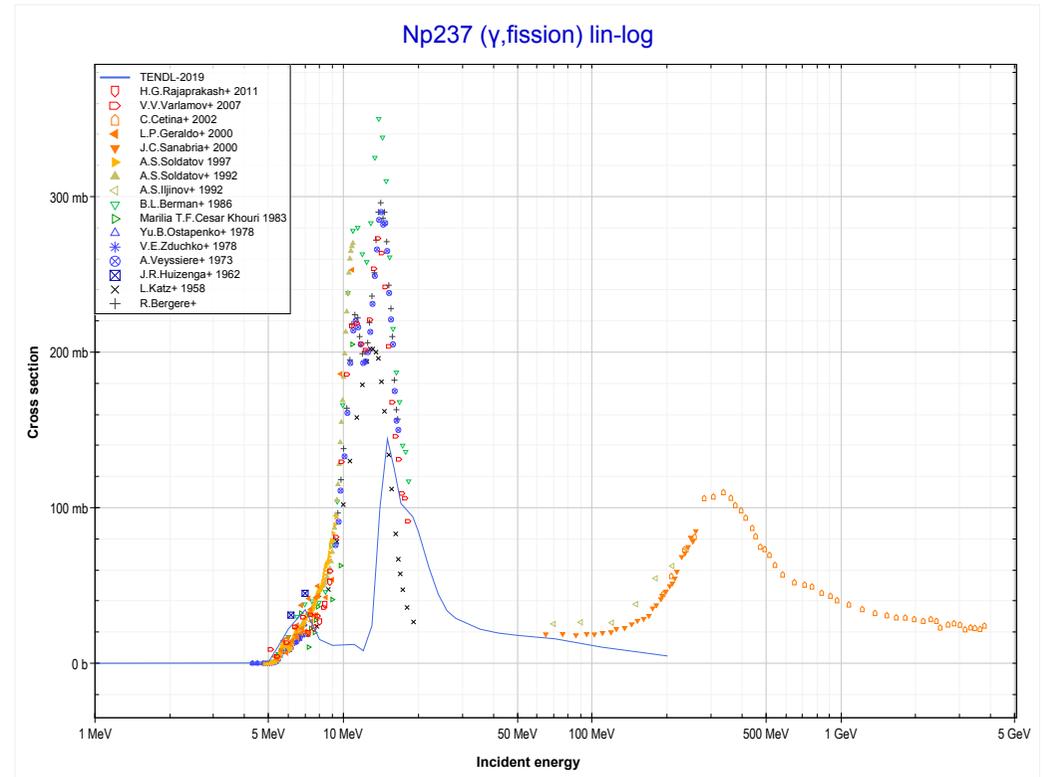
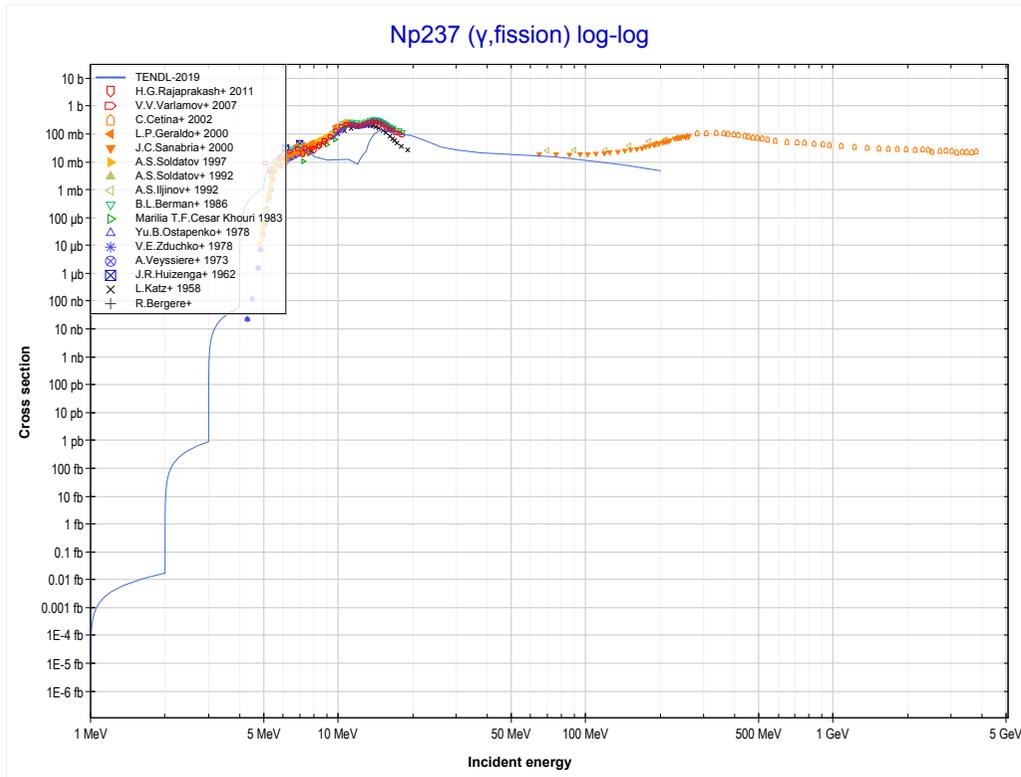
Reaction	Q-Value
Np237(γ ,n)Np236	-6579.62 keV

<< 92-U-238	93-Np-237	94-Pu-239 >>
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Np235 production)	MT18 (γ ,fission) >>

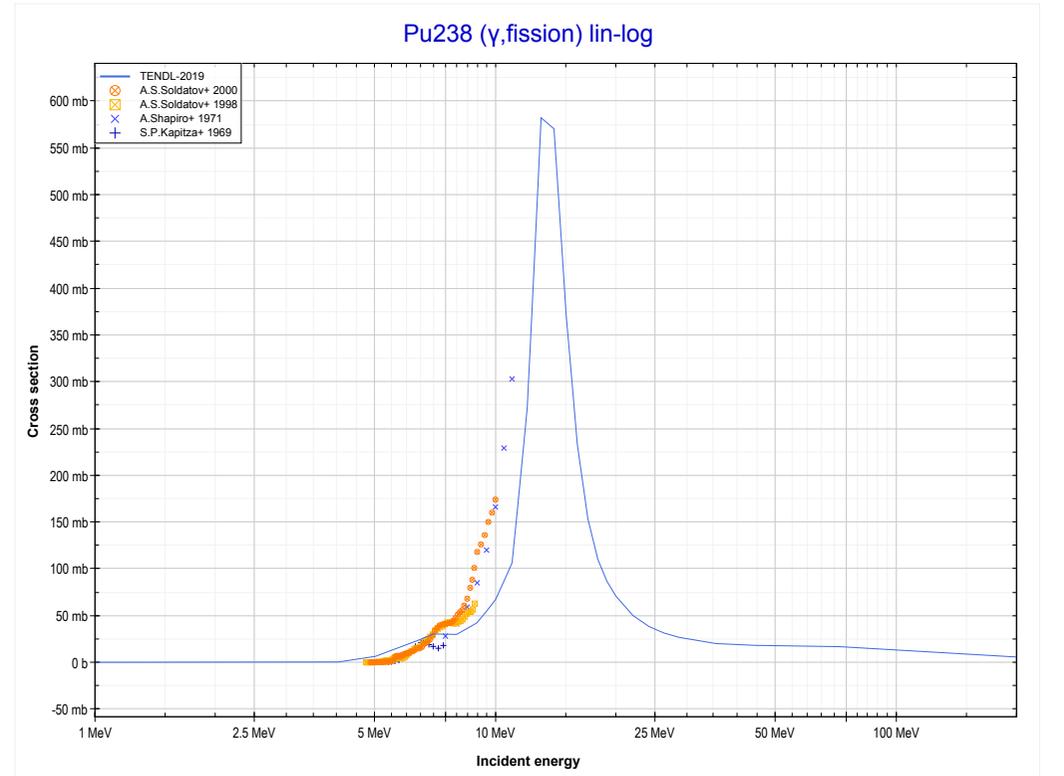
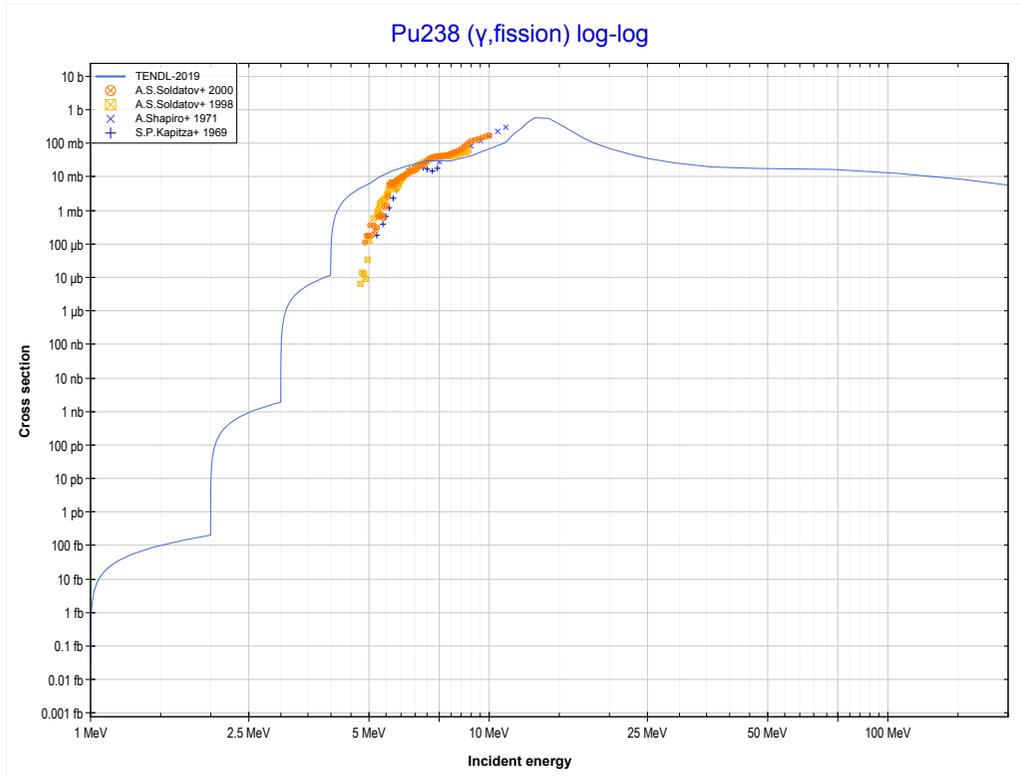


Reaction	Q-Value
Np237($\gamma,2n$)Np235	-12314.03 keV

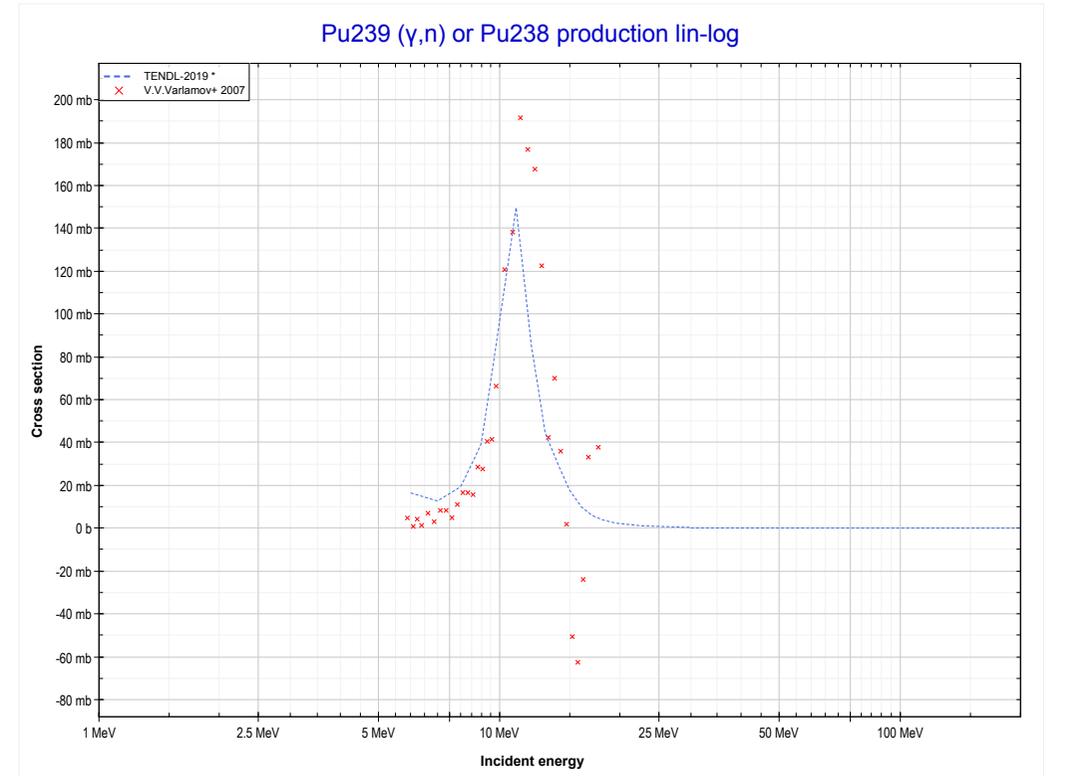
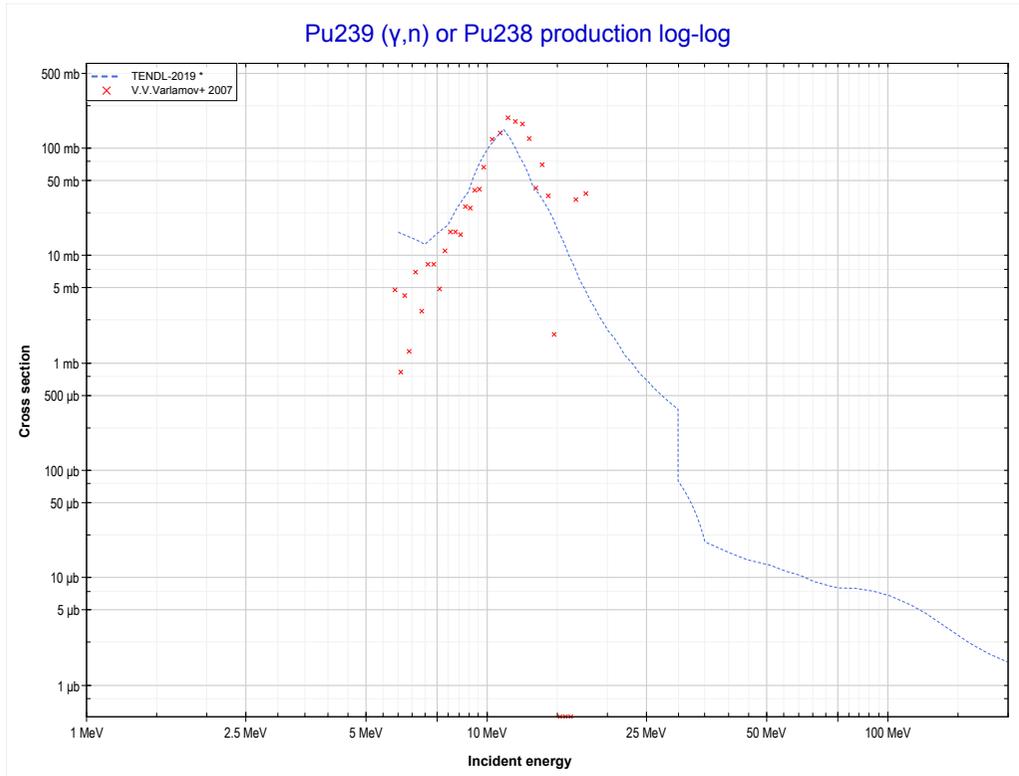
<< 92-U-238	93-Np-237	94-Pu-238 >>
<< MT16 ($\gamma,2n$)	MT18 (γ,fission)	94-Pu-238 MT18 (γ ,fission) >>



<< 93-Np-237	94-Pu-238	94-Pu-239 >>
<< 93-Np-237 MT18 (γ ,fission)	MT18 (γ,fission)	94-Pu-239 MT4 (γ ,n) >>

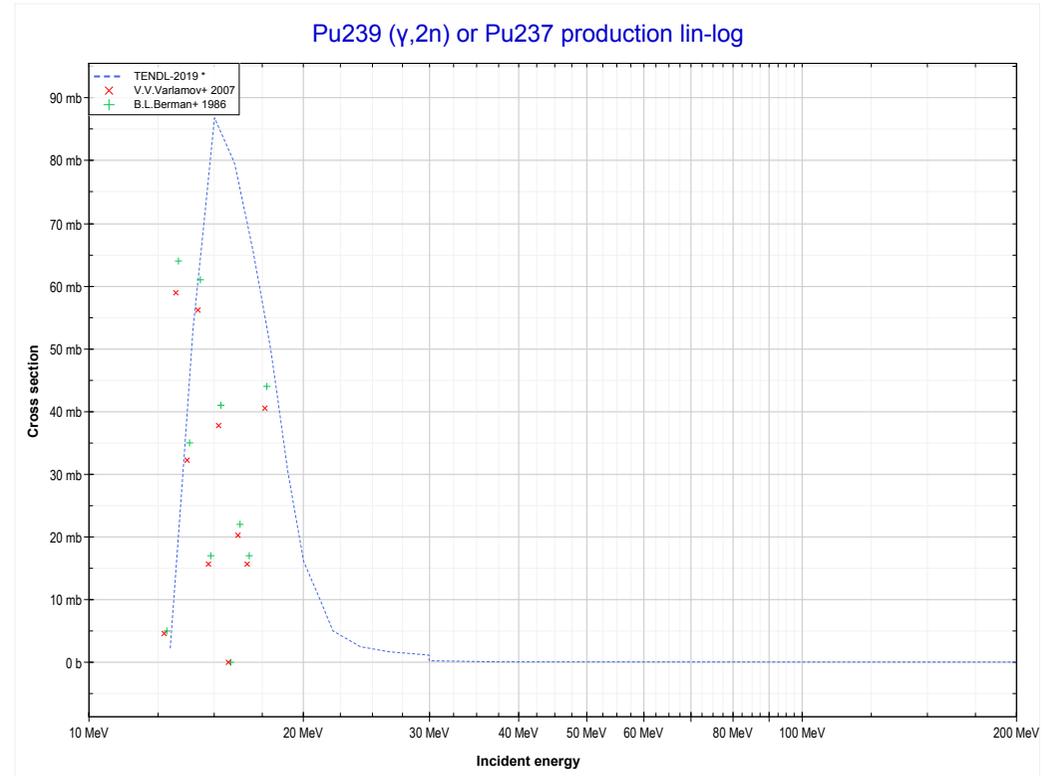
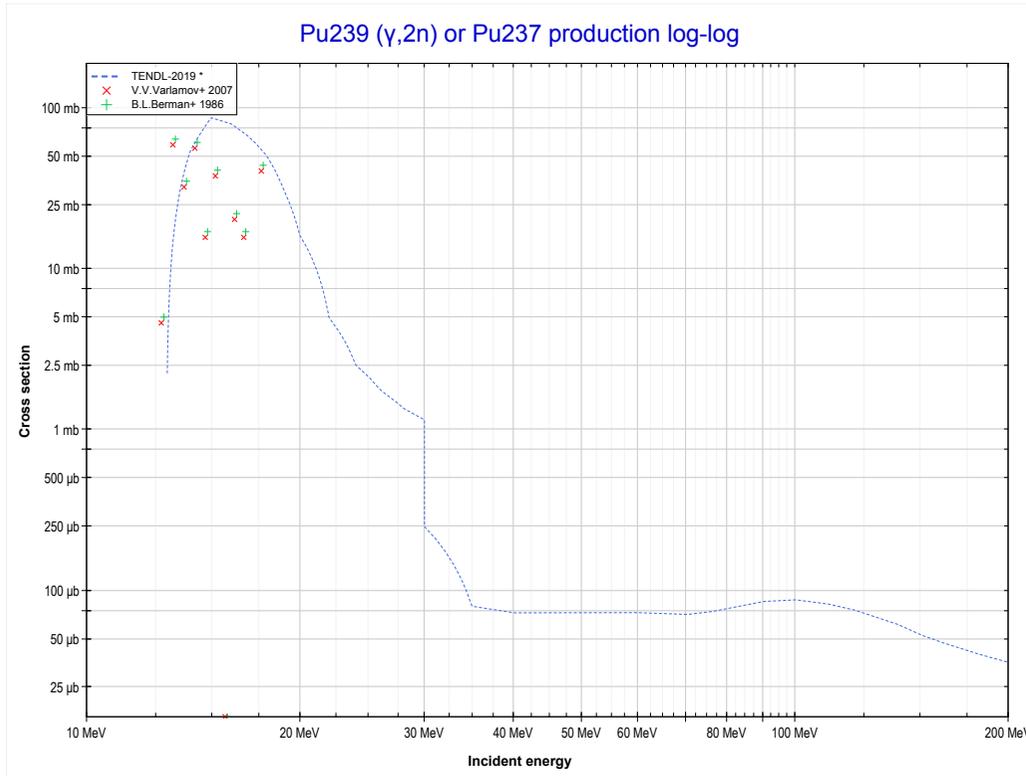


<< 93-Np-237	94-Pu-239	95-Am-241 >>
<< 94-Pu-238 MT18 (γ ,fission)	MT4 (γ,n) or MT5 (Pu238 production)	MT16 (γ ,2n) >>



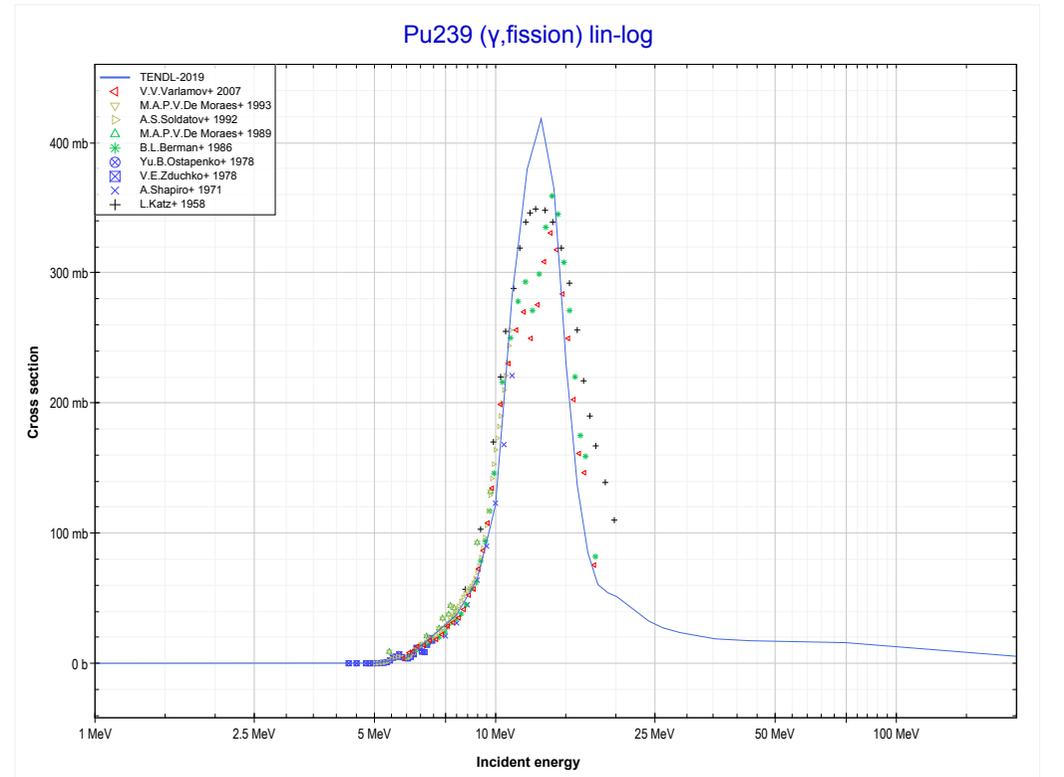
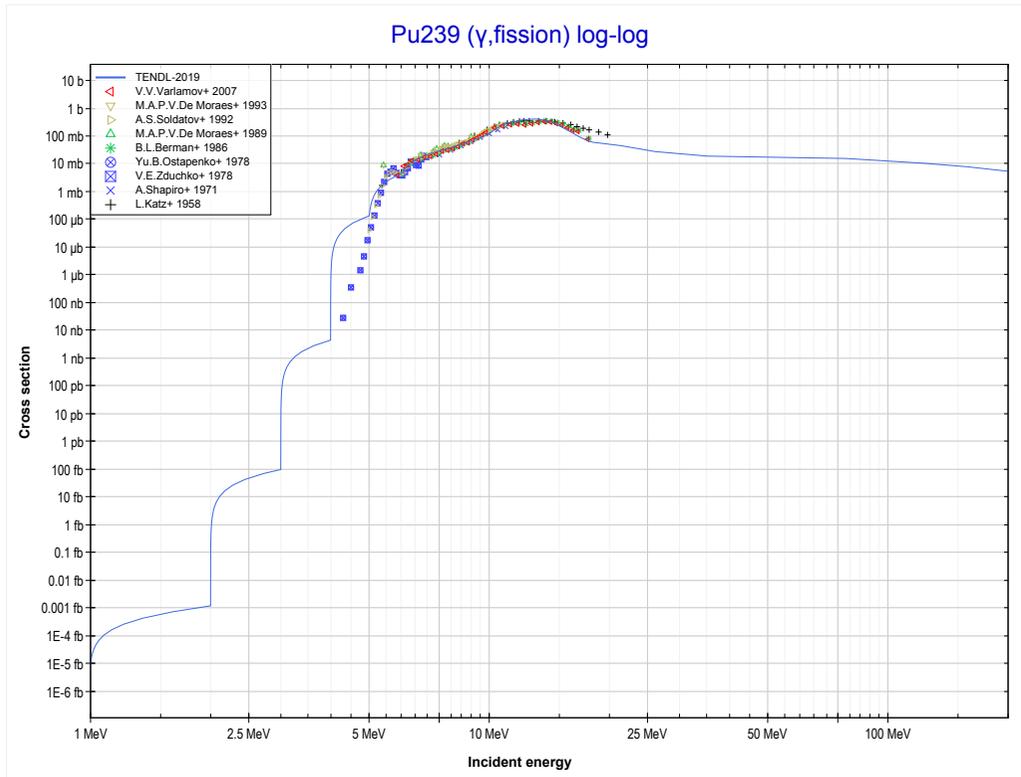
Reaction	Q-Value
Pu239(γ ,n)Pu238	-5646.22 keV

<< 93-Np-237	94-Pu-239	
<< MT4 (γ,n)	MT16 ($\gamma,2n$) or MT5 (Pu237 production)	MT18 ($\gamma,fission$) >>

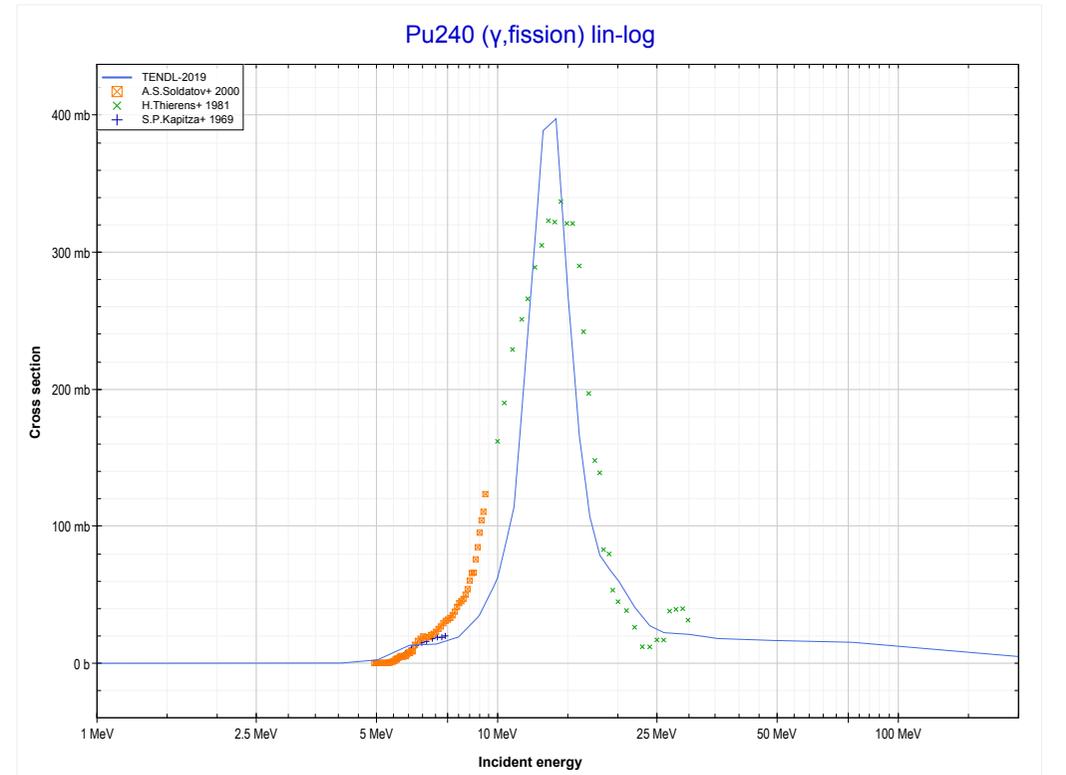
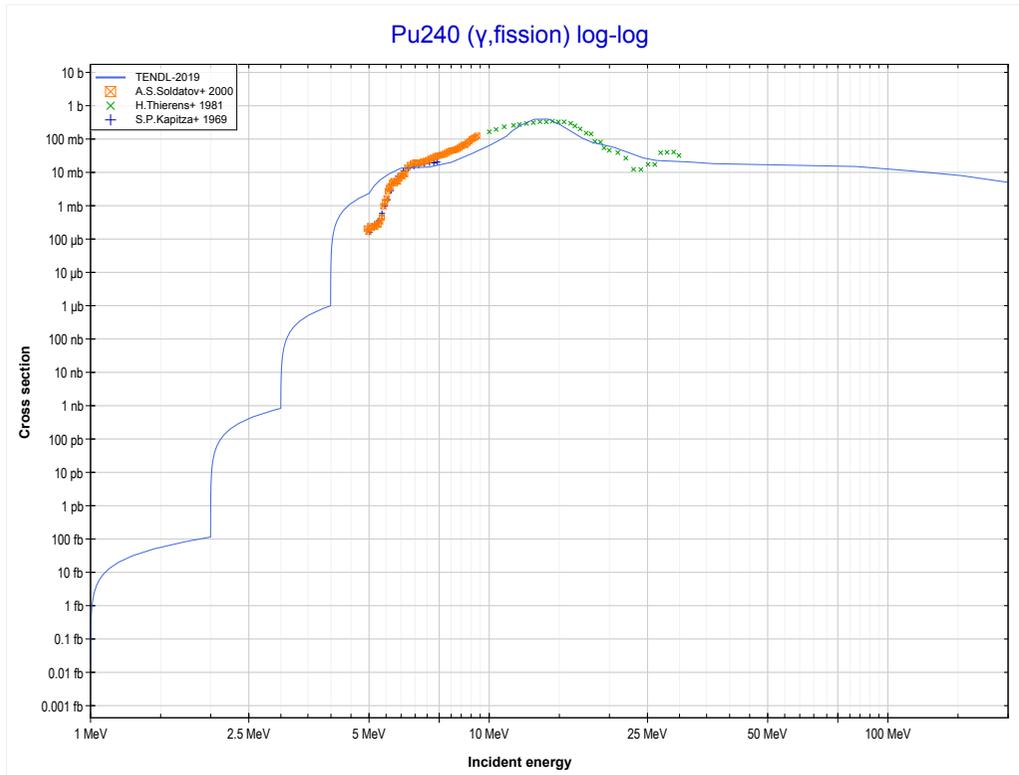


Reaction	Q-Value
Pu239($\gamma,2n$)Pu237	-12646.03 keV

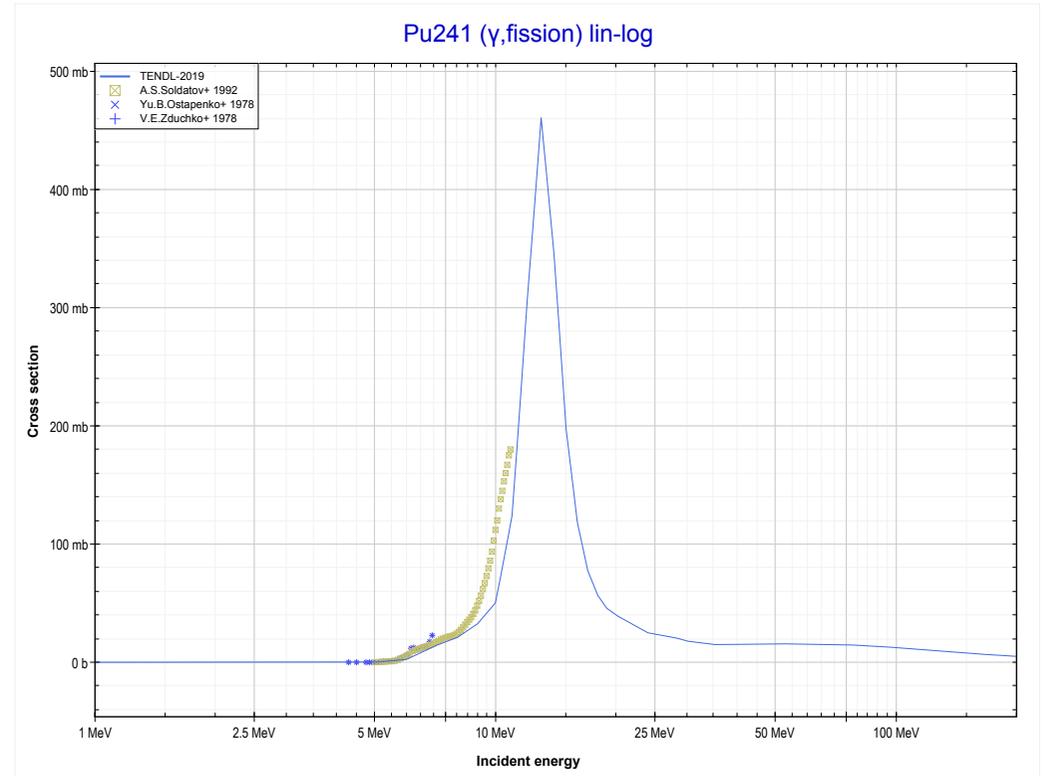
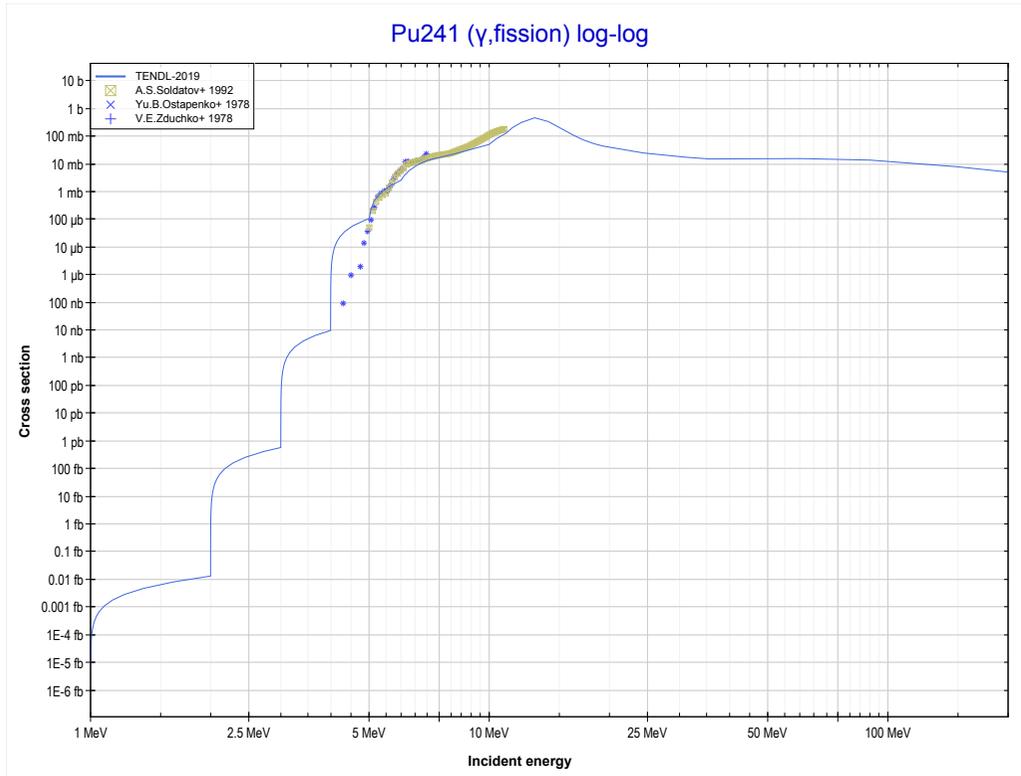
<< 94-Pu-238	94-Pu-239	94-Pu-240 >>
<< MT16 ($\gamma,2n$)	MT18 (γ,fission)	94-Pu-240 MT18 (γ ,fission) >>



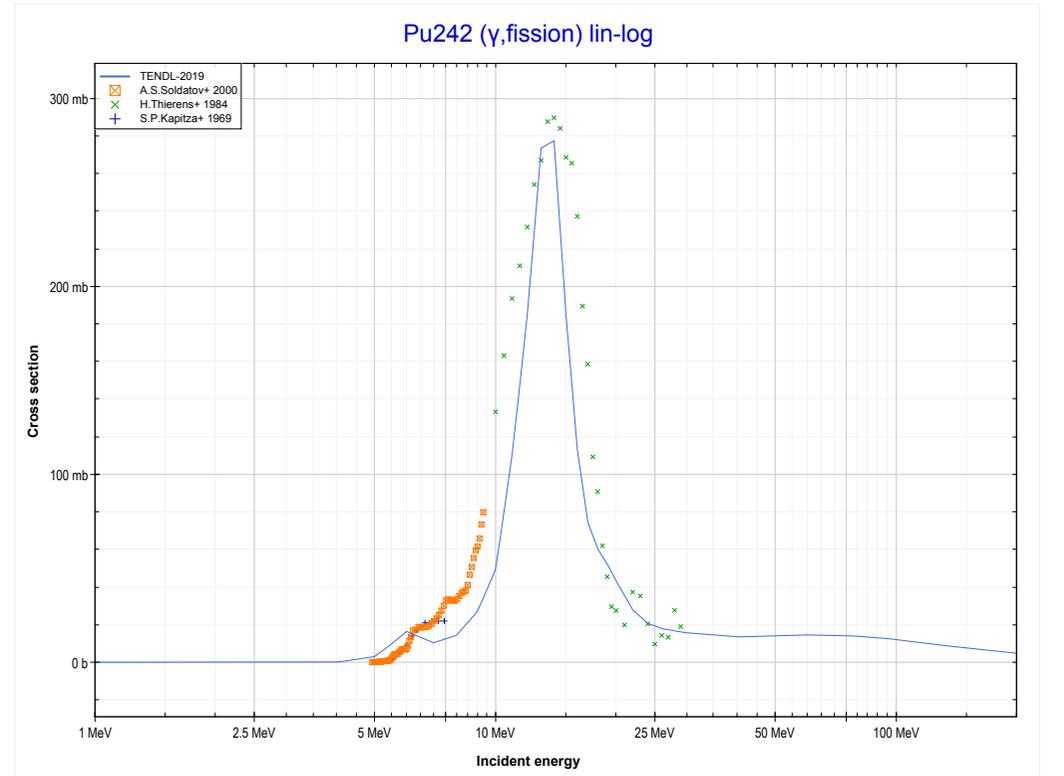
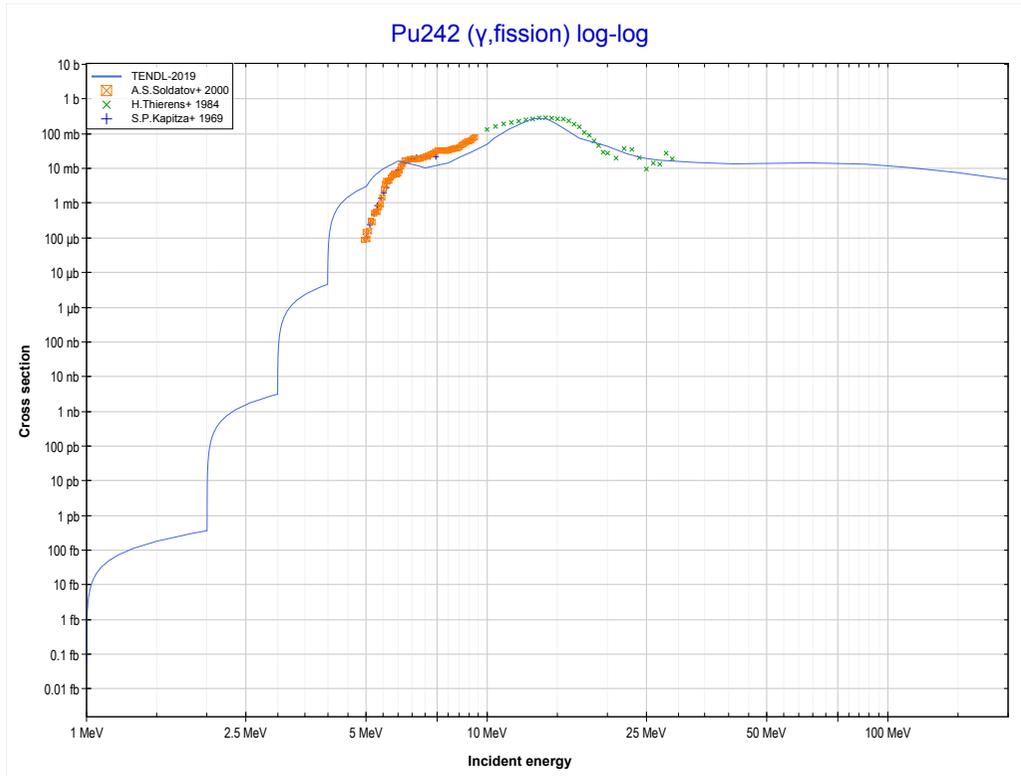
<< 94-Pu-239	94-Pu-240	94-Pu-241 >>
<< 94-Pu-239 MT18 (γ,fission)	MT18 (γ,fission)	94-Pu-241 MT18 (γ,fission) >>



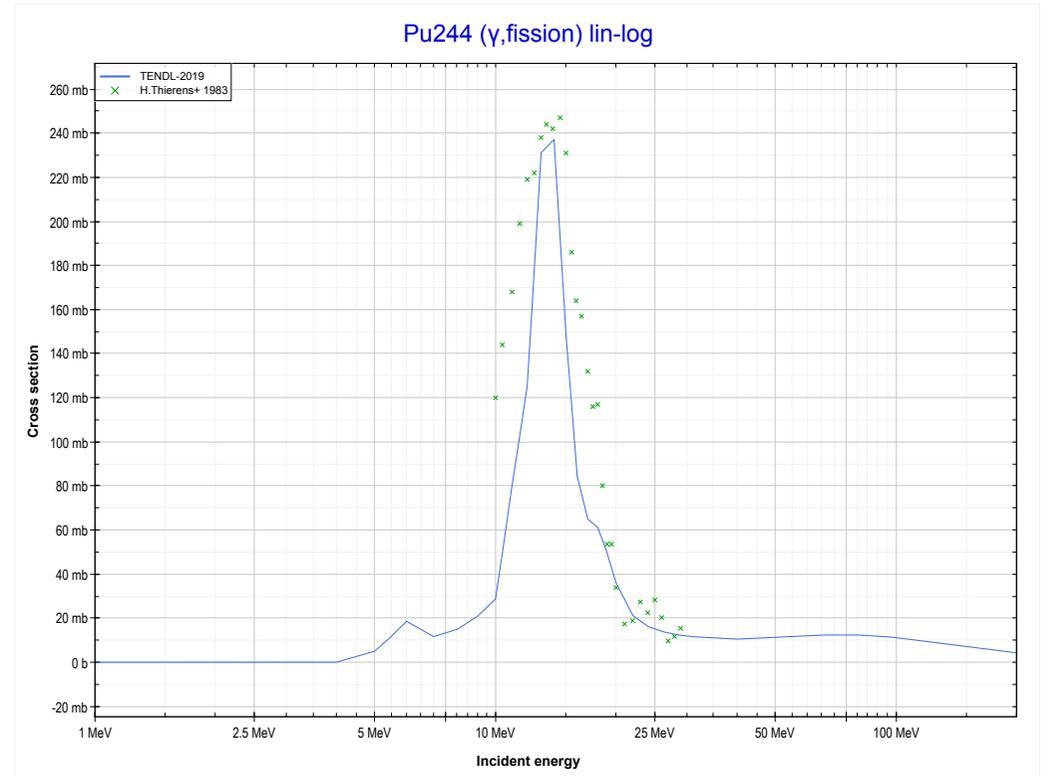
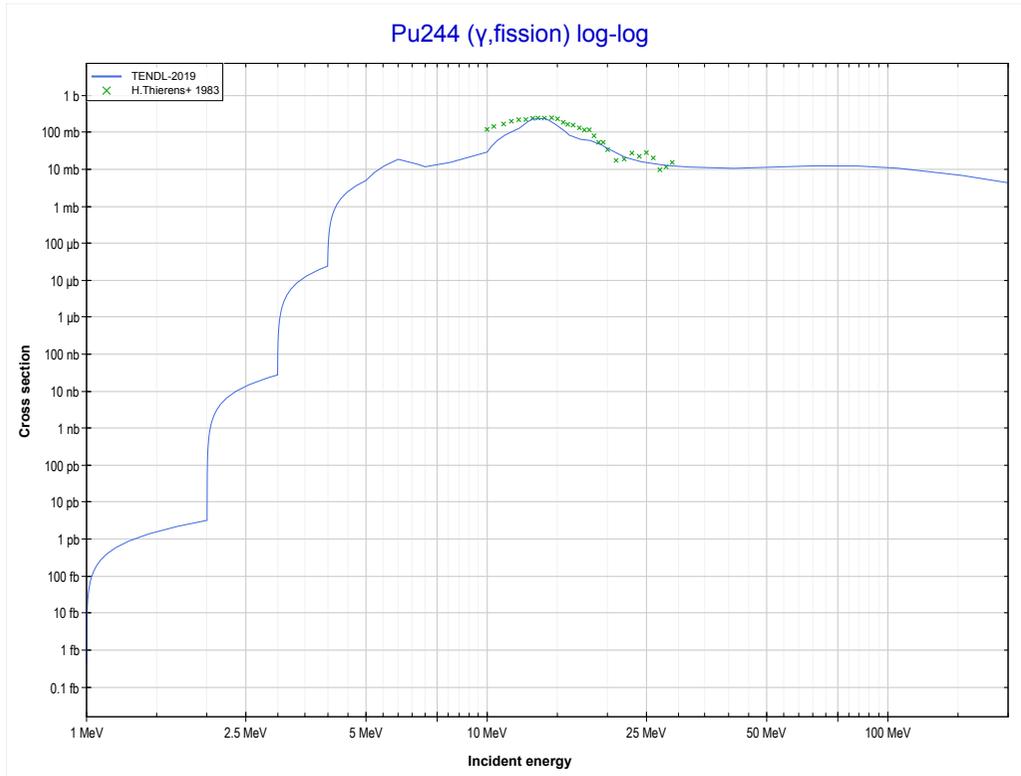
<< 94-Pu-240	94-Pu-241	94-Pu-242 >>
<< 94-Pu-240 MT18 (γ ,fission)	MT18 (γ,fission)	94-Pu-242 MT18 (γ ,fission) >>



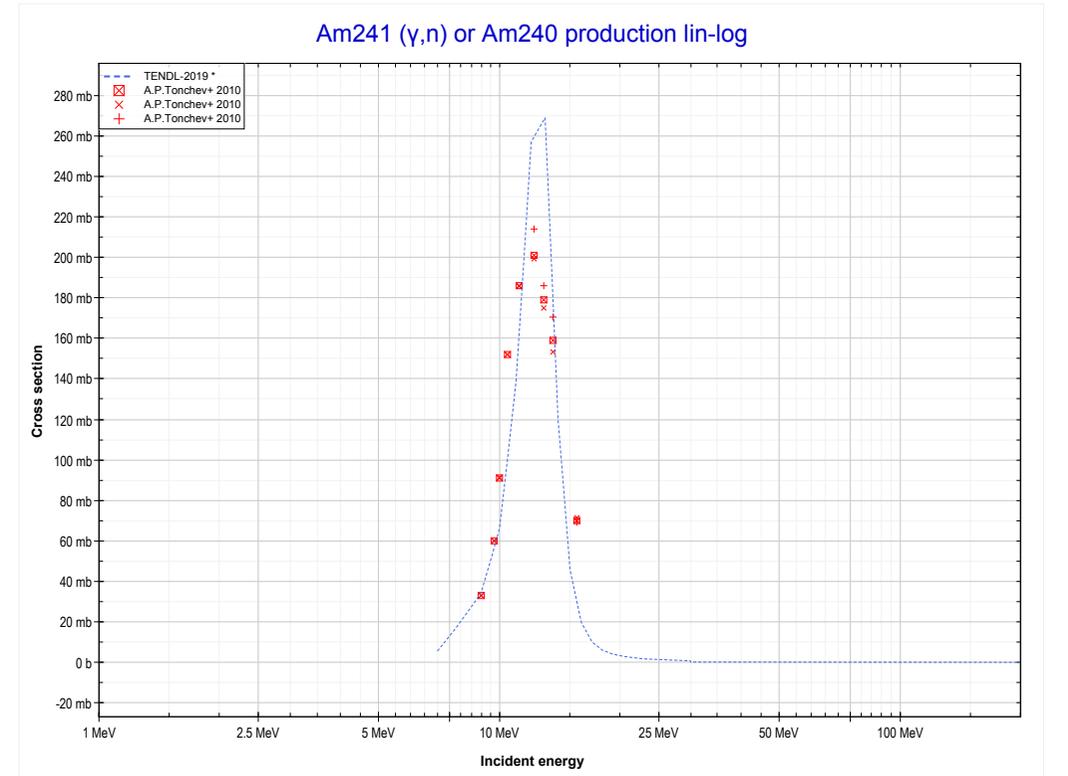
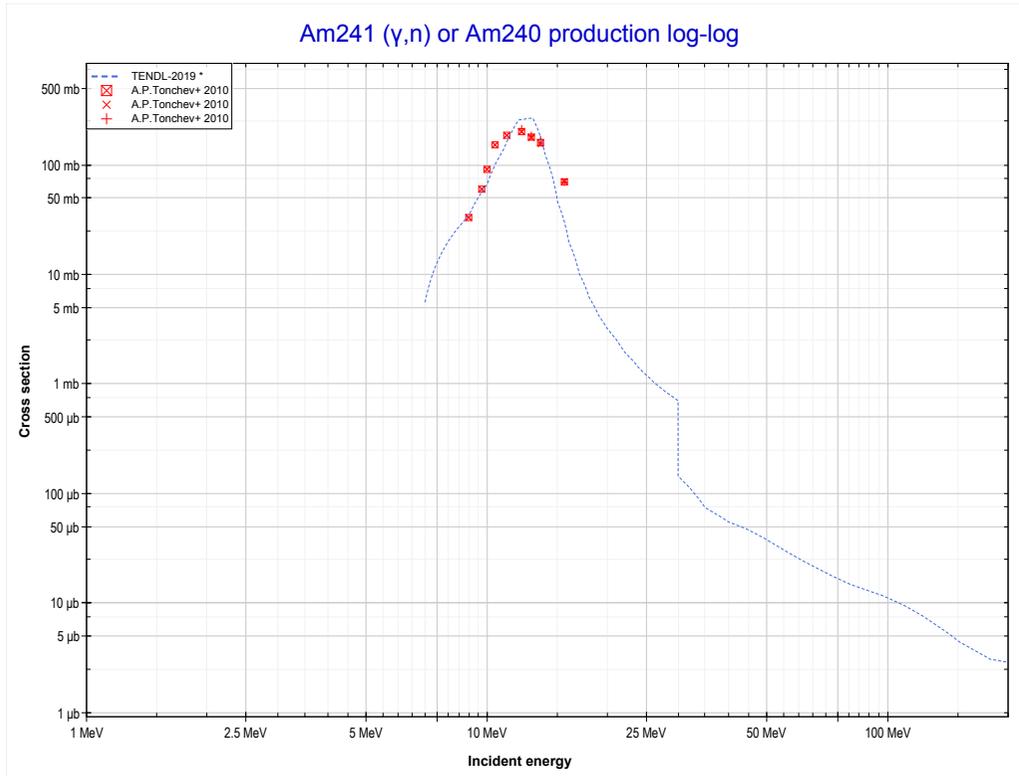
<< 94-Pu-241	94-Pu-242	94-Pu-244 >>
<< 94-Pu-241 MT18 (γ,fission)	MT18 (γ,fission)	94-Pu-244 MT18 (γ,fission) >>



<< 94-Pu-242	94-Pu-244	95-Am-241 >>
<< 94-Pu-242 MT18 (γ ,fission)	MT18 (γ,fission)	95-Am-241 MT4 (γ ,n) >>

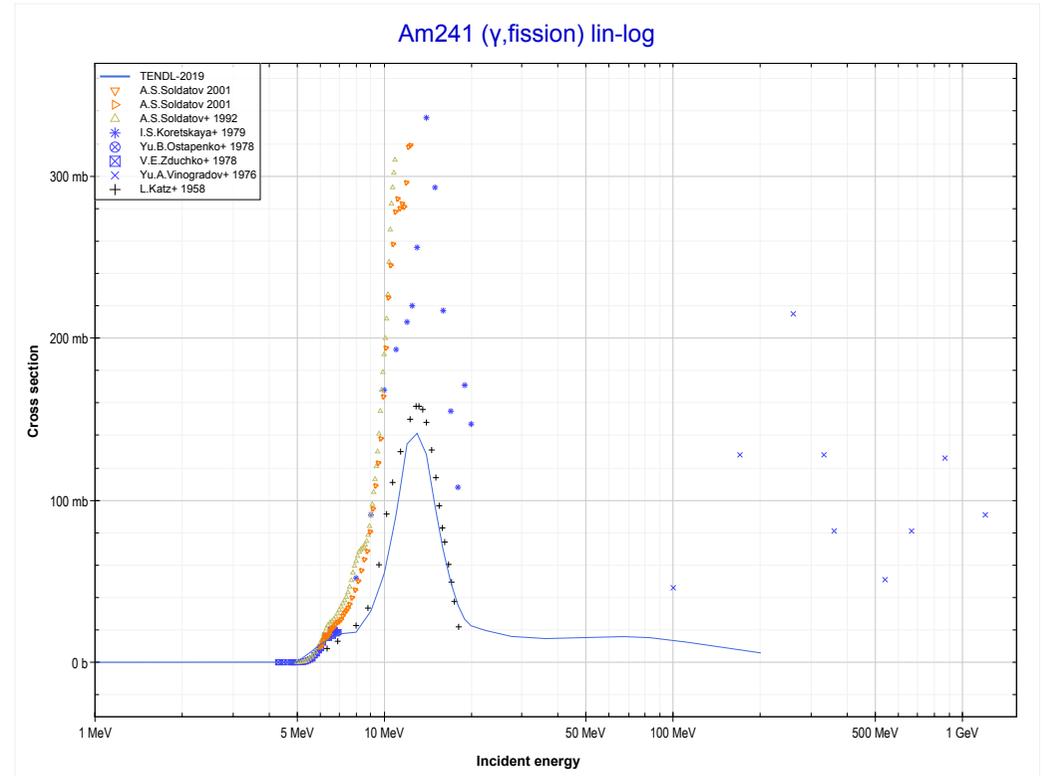
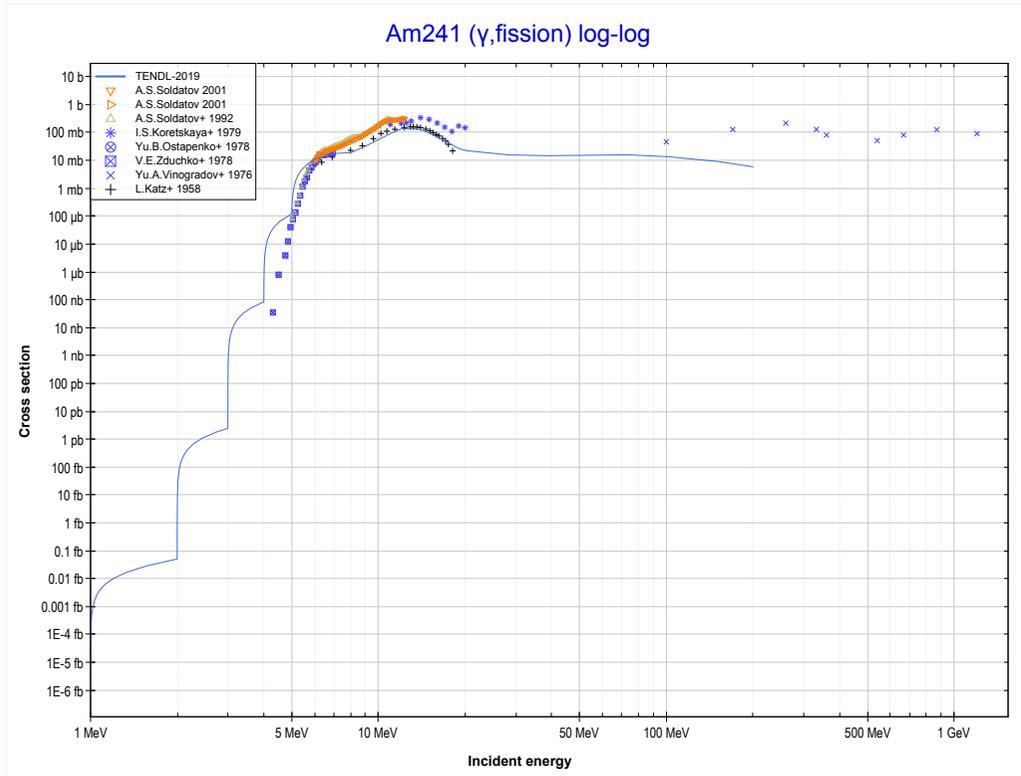


<< 94-Pu-239	95-Am-241	95-Am-243 >>
<< 94-Pu-244 MT18 (γ,fission)	MT4 (γ,n) or MT5 (Am240 production)	MT18 (γ,fission) >>

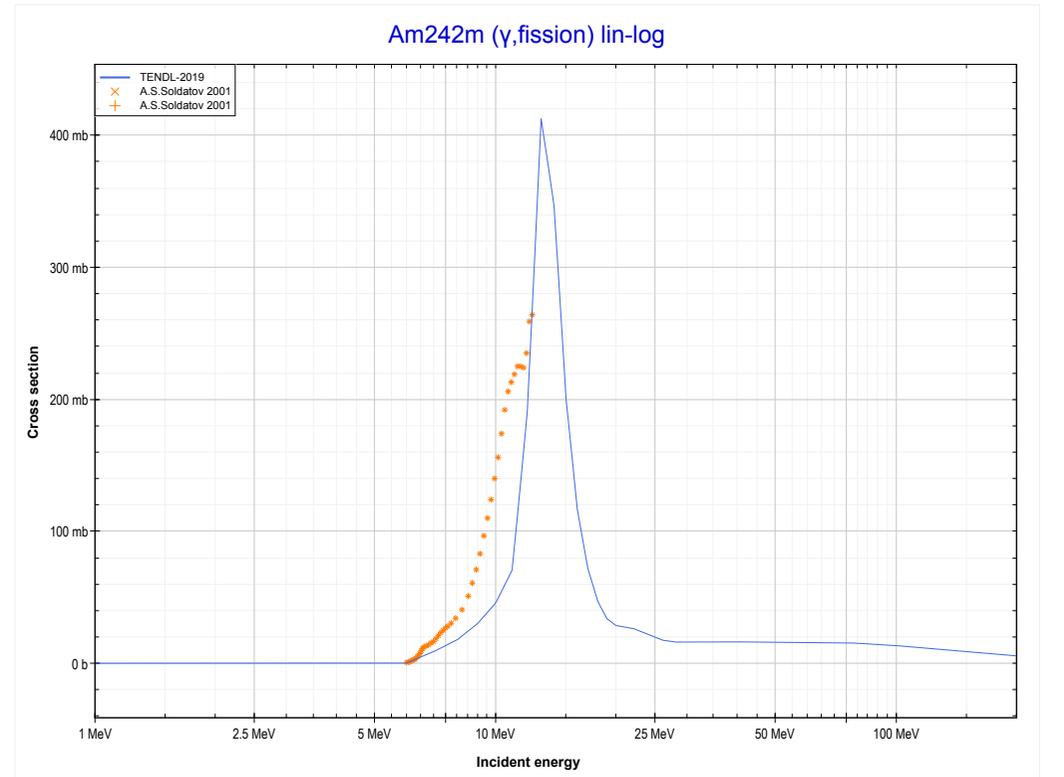
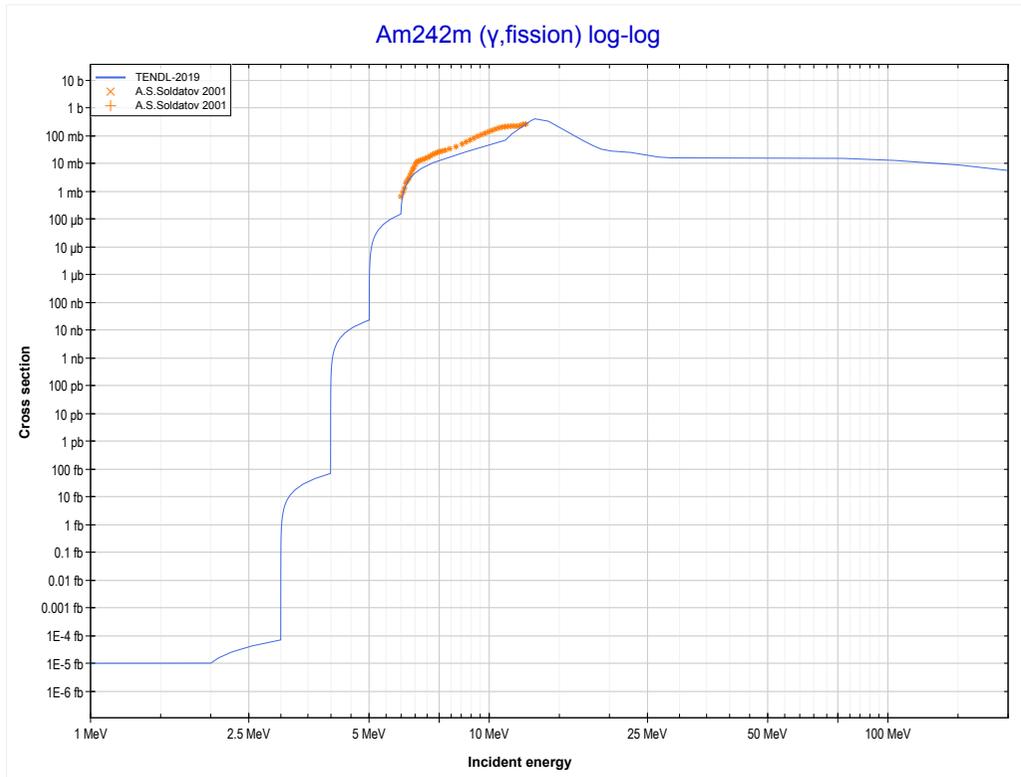


Reaction	Q-Value
Am241(γ,n)Am240	-6646.92 keV

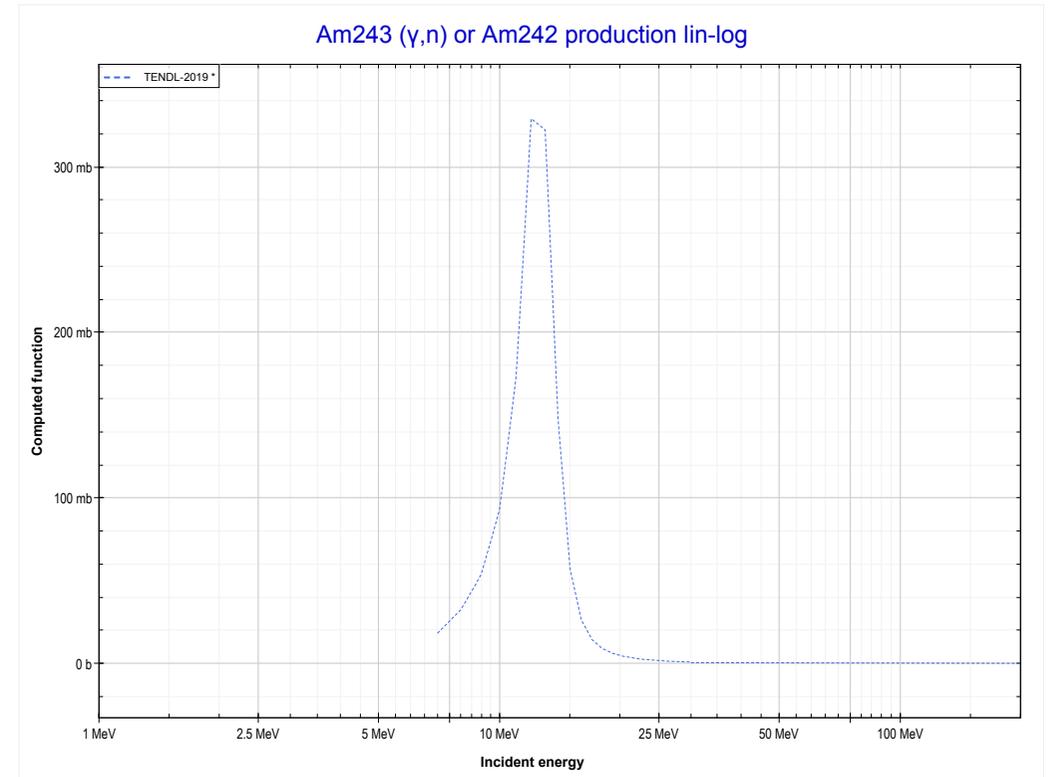
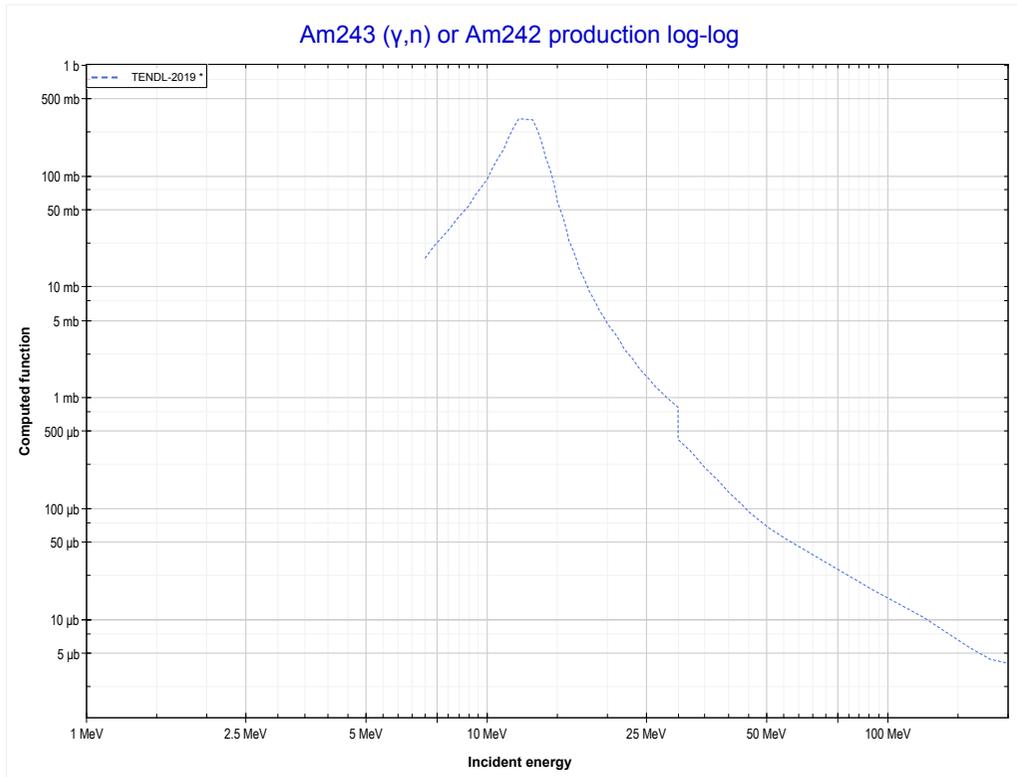
<< 94-Pu-244	95-Am-241	95-Am-242m >>
<< MT4 (γ,n)	MT18 (γ,fission)	95-Am-242m MT18 (γ ,fission) >>



<< 95-Am-241	95-Am-242m	95-Am-243 >>
<< 95-Am-241 MT18 (γ ,fission)	MT18 (γ,fission)	95-Am-243 MT4 (γ ,n) >>

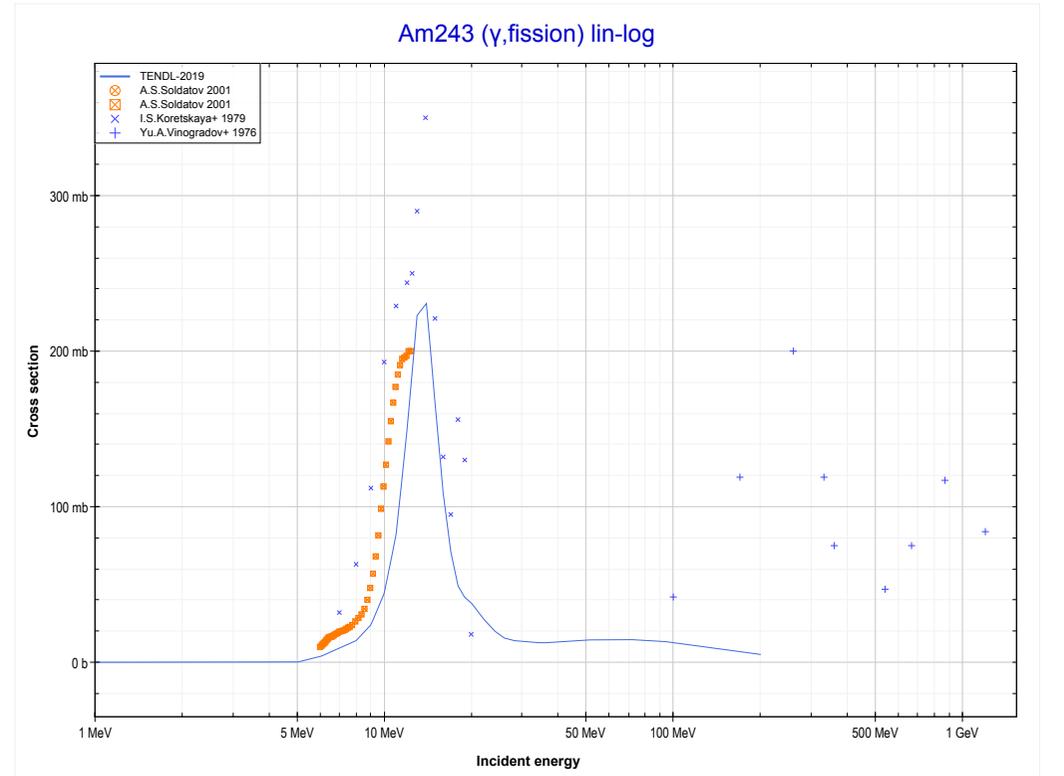
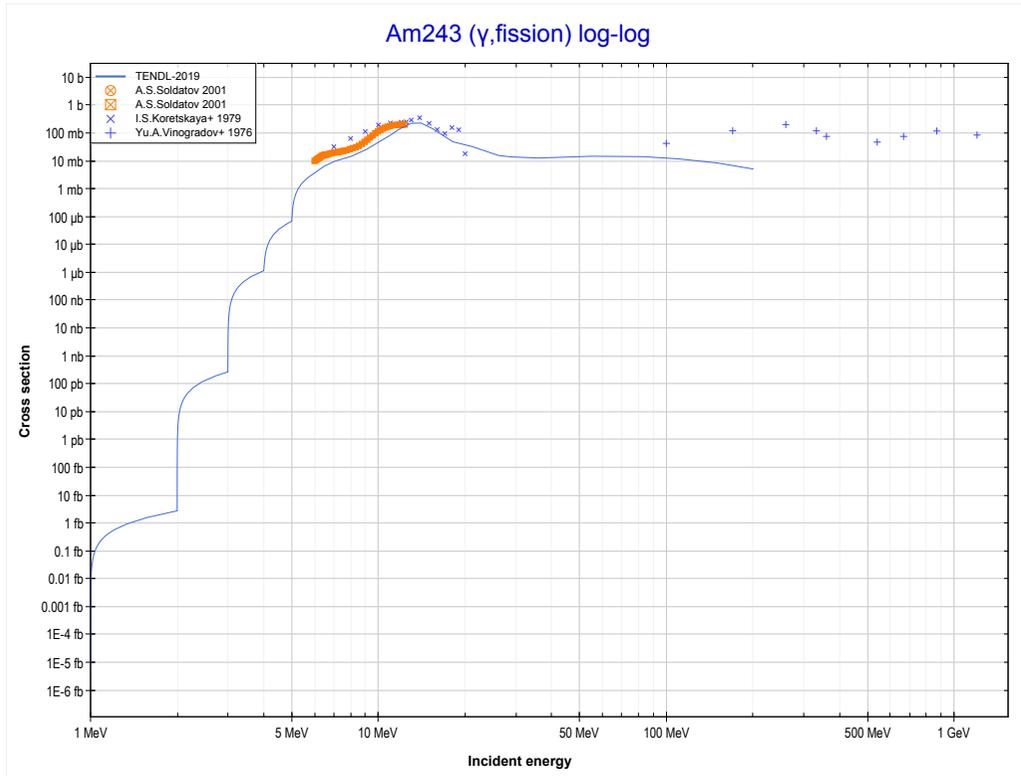


<< 95-Am-241	95-Am-243	
<< 95-Am-242m MT18 (γ ,fission)	MT4 (γ,n) or MT5 (Am242 production)	MT18 (γ ,fission) >>

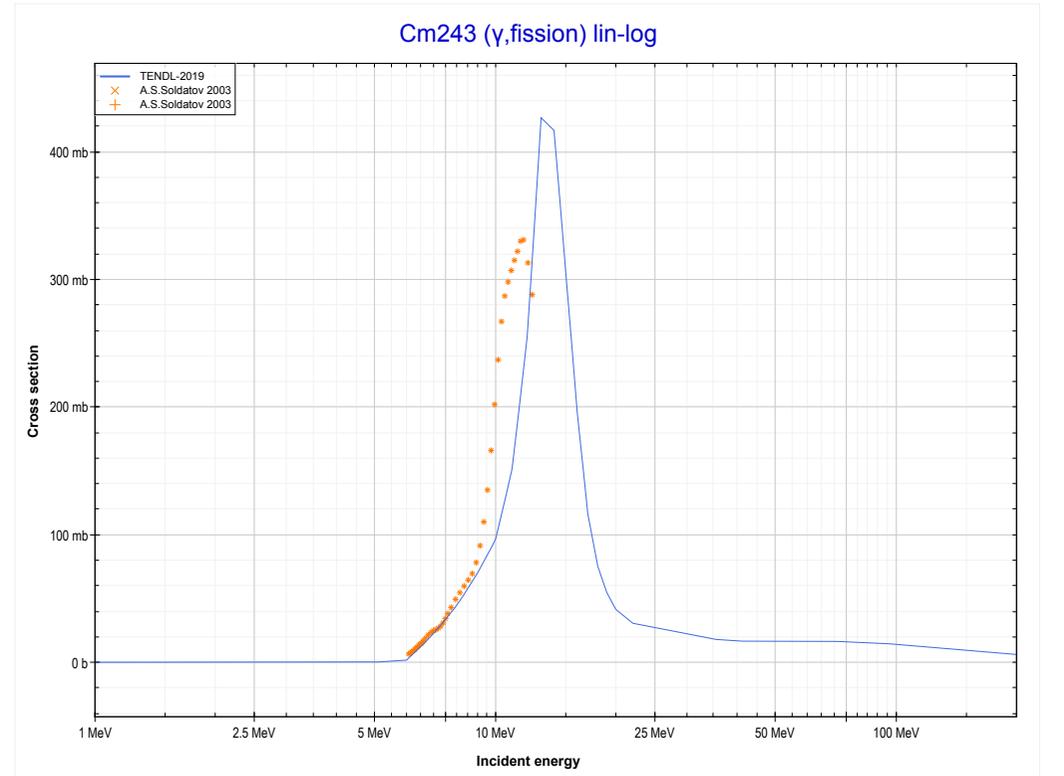
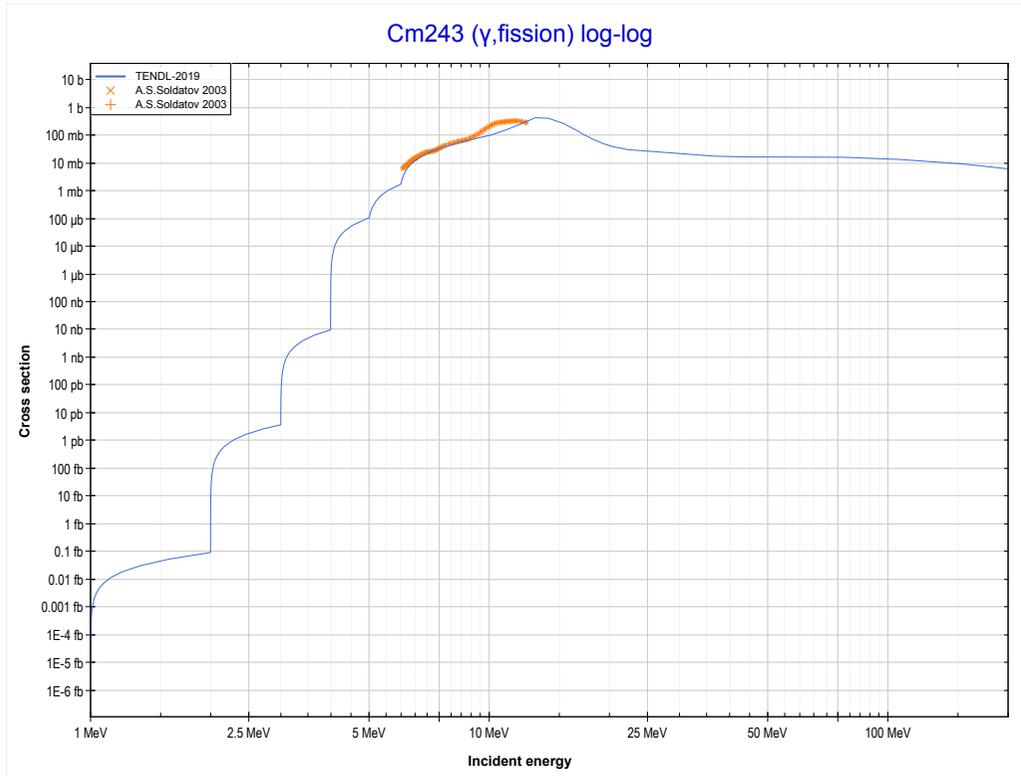


Reaction	Q-Value
Am243(γ ,n)Am242	-6364.42 keV

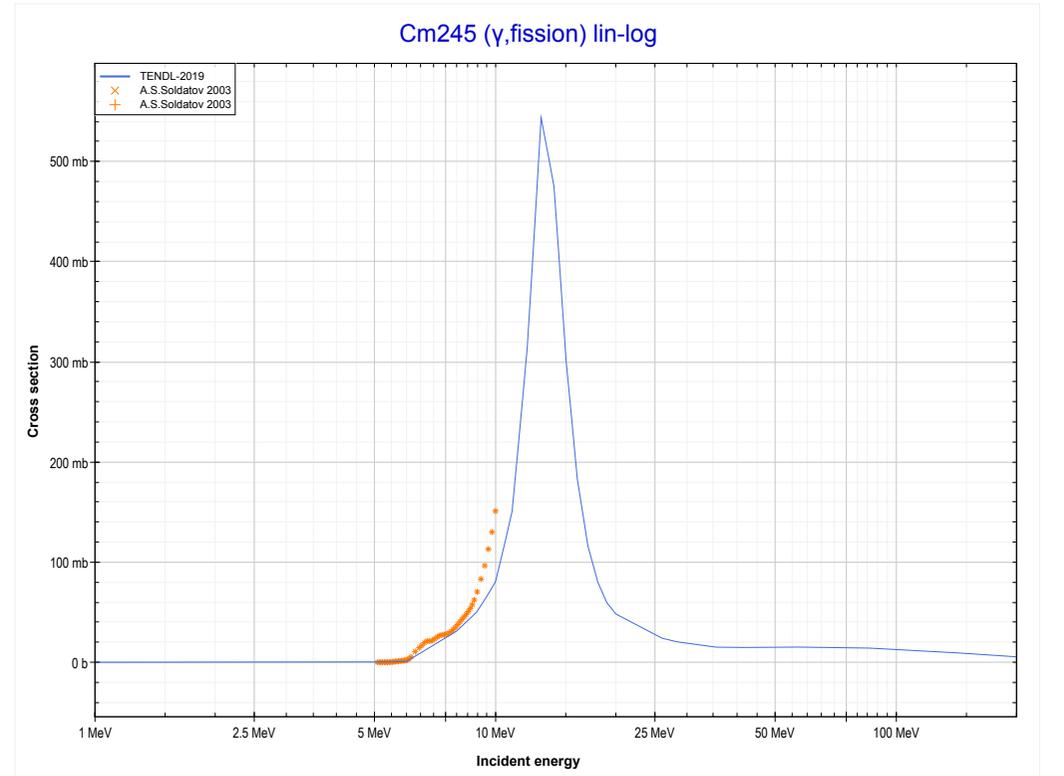
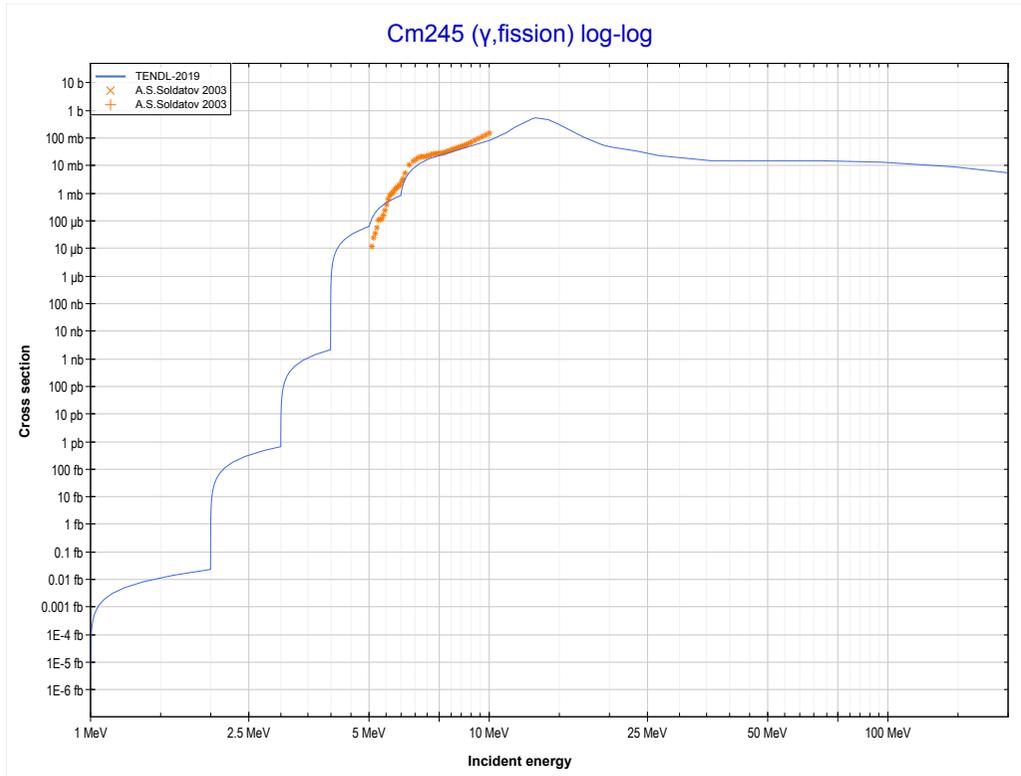
<< 95-Am-242m	95-Am-243	96-Cm-243 >>
<< MT4 (γ,n)	MT18 ($\gamma,fission$)	96-Cm-243 MT18 ($\gamma,fission$) >>



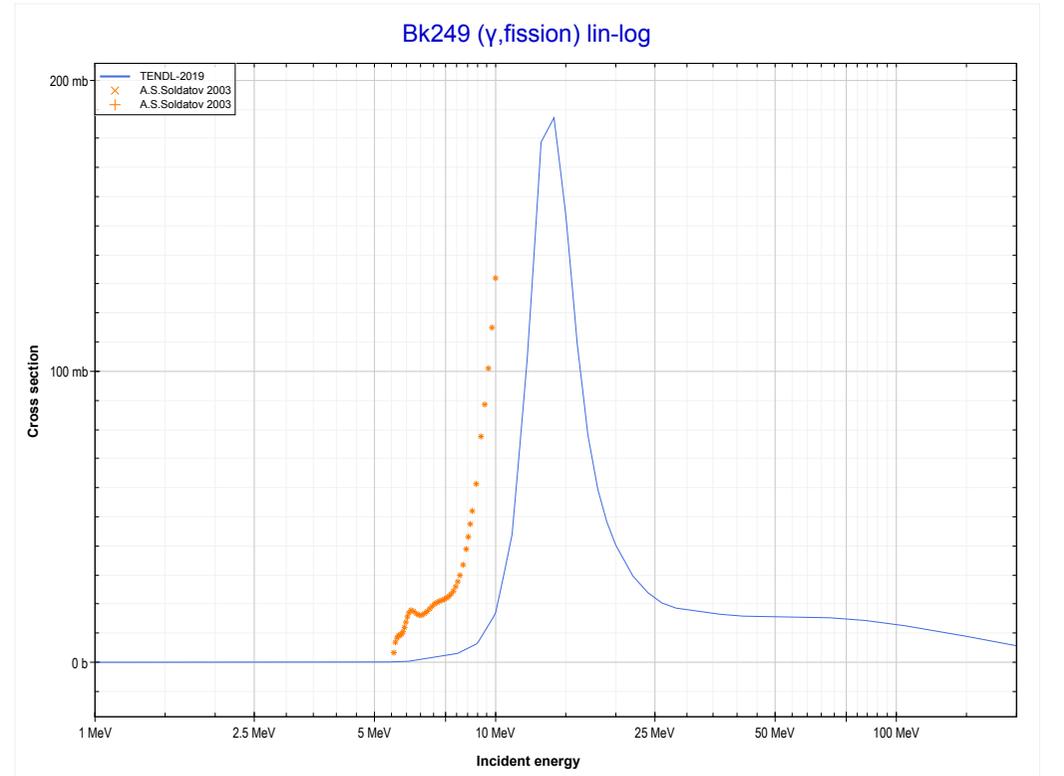
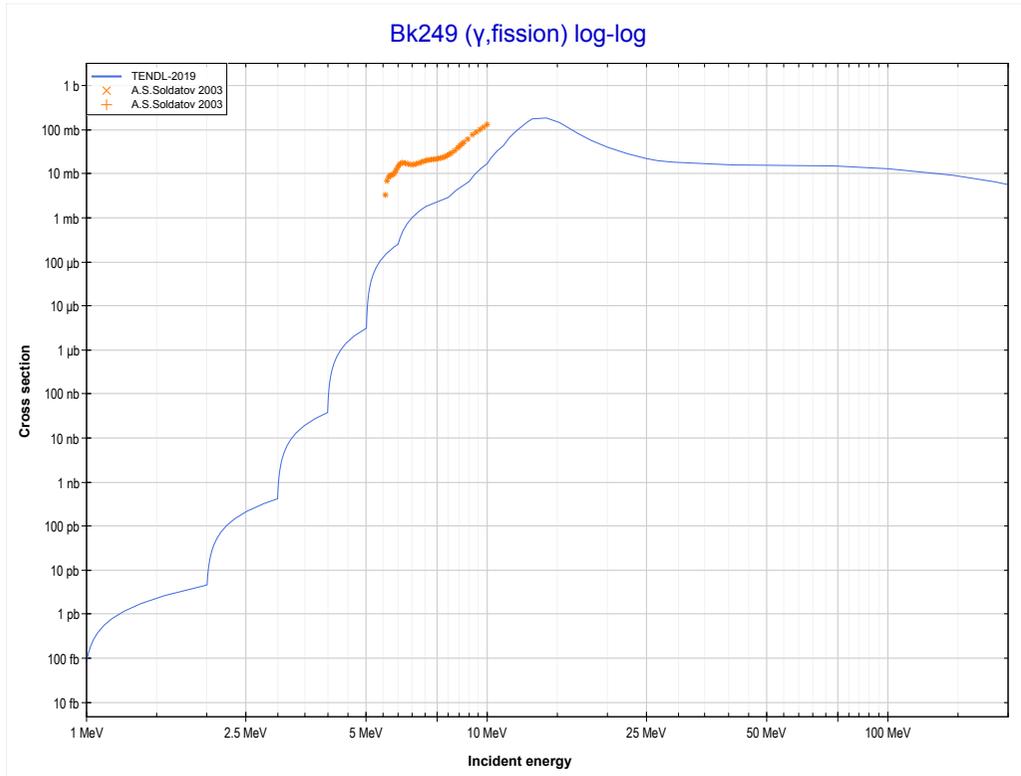
<< 95-Am-243	96-Cm-243	96-Cm-245 >>
<< 95-Am-243 MT18 (γ ,fission)	MT18 (γ,fission)	96-Cm-245 MT18 (γ ,fission) >>



<< 96-Cm-243	96-Cm-245	97-Bk-249 >>
<< 96-Cm-243 MT18 (γ,fission)	MT18 (γ,fission)	97-Bk-249 MT18 (γ,fission) >>



<< 96-Cm-245	97-Bk-249	98-Cf-249 >>
<< 96-Cm-245 MT18 (γ,fission)	MT18 (γ,fission)	98-Cf-249 MT18 (γ,fission) >>



<< 97-Bk-249	98-Cf-249	
<< 97-Bk-249 MT18 (γ ,fission)	MT18 (γ,fission)	

