Program EVALPLOT
(Version 2021-1)
by
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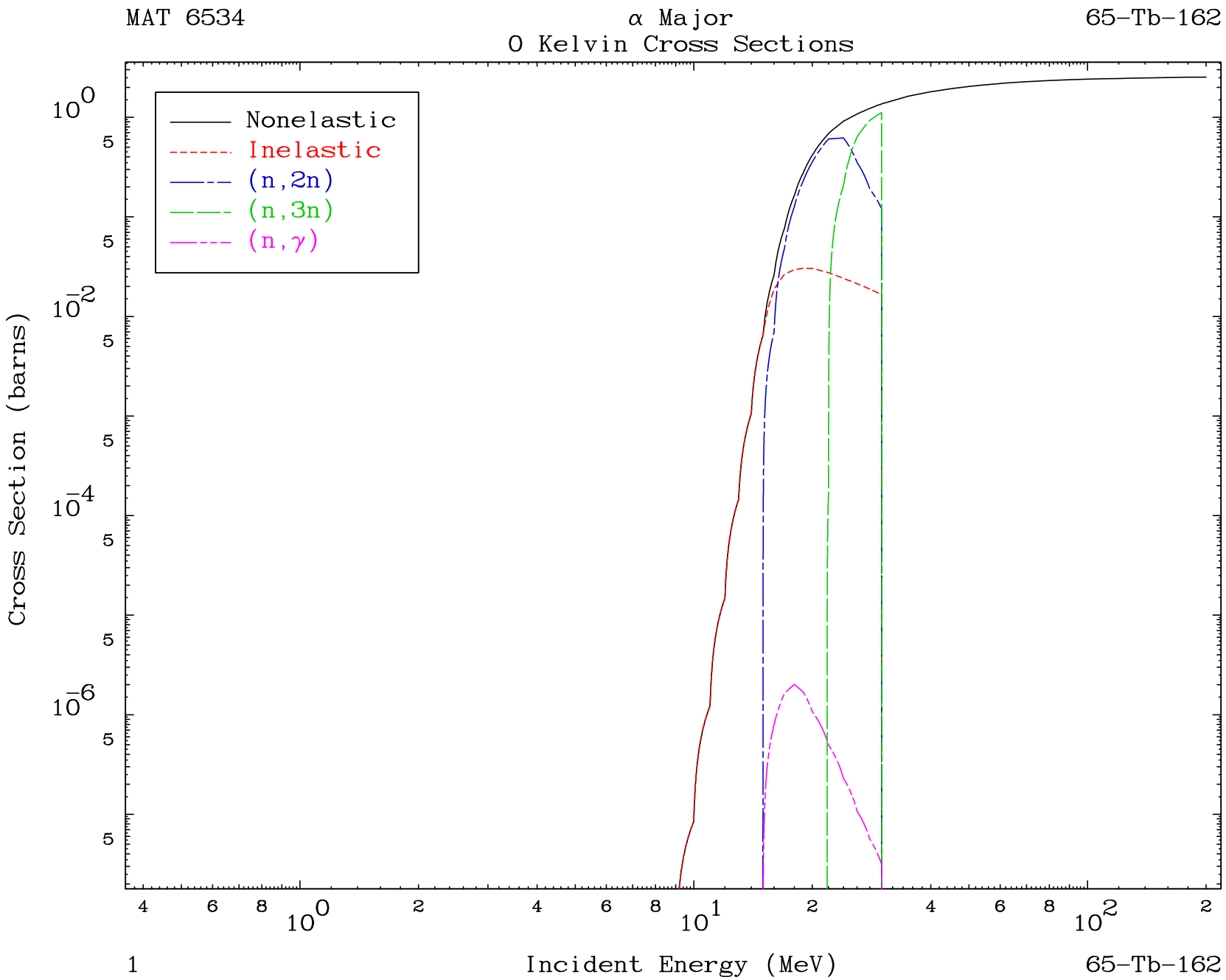
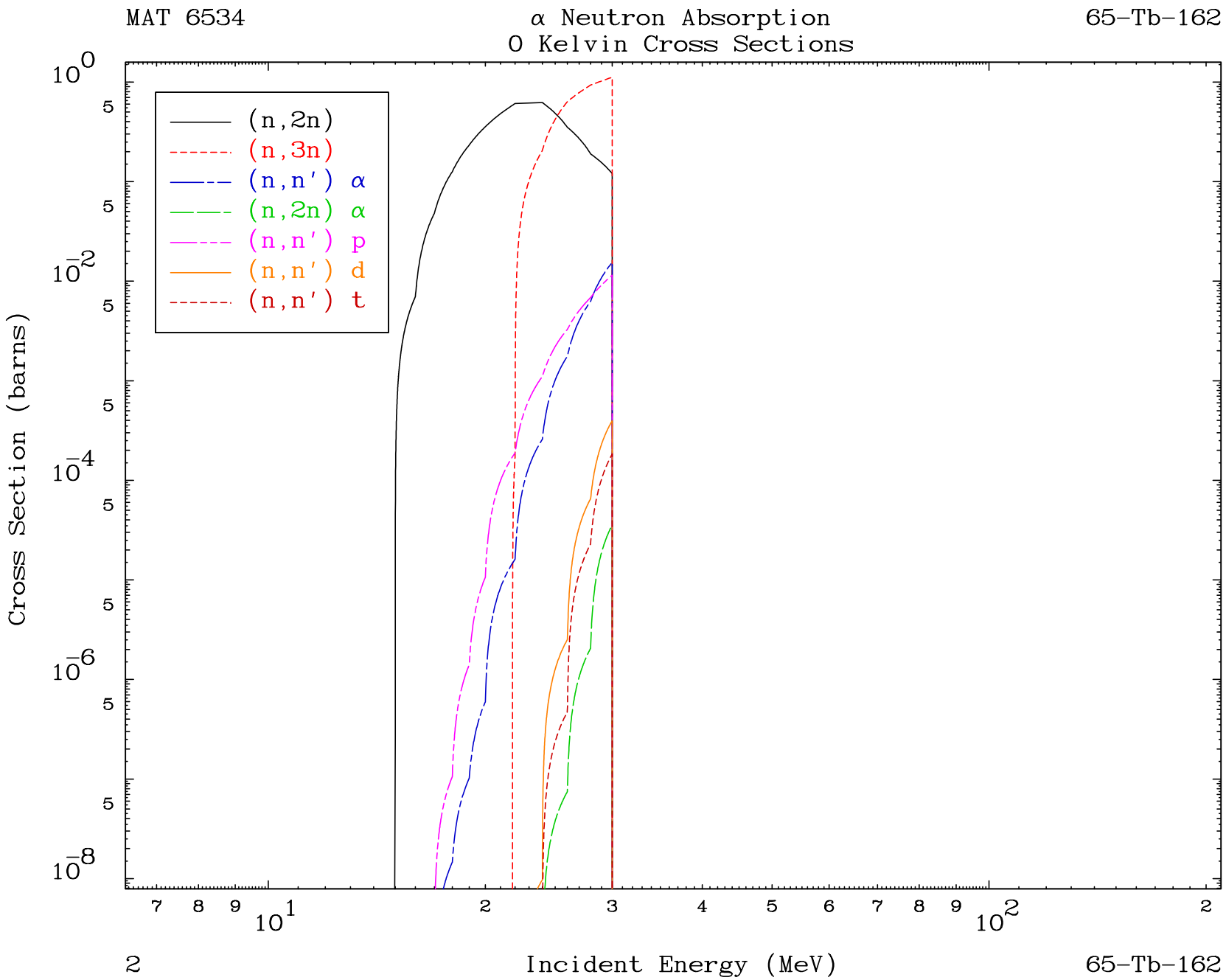
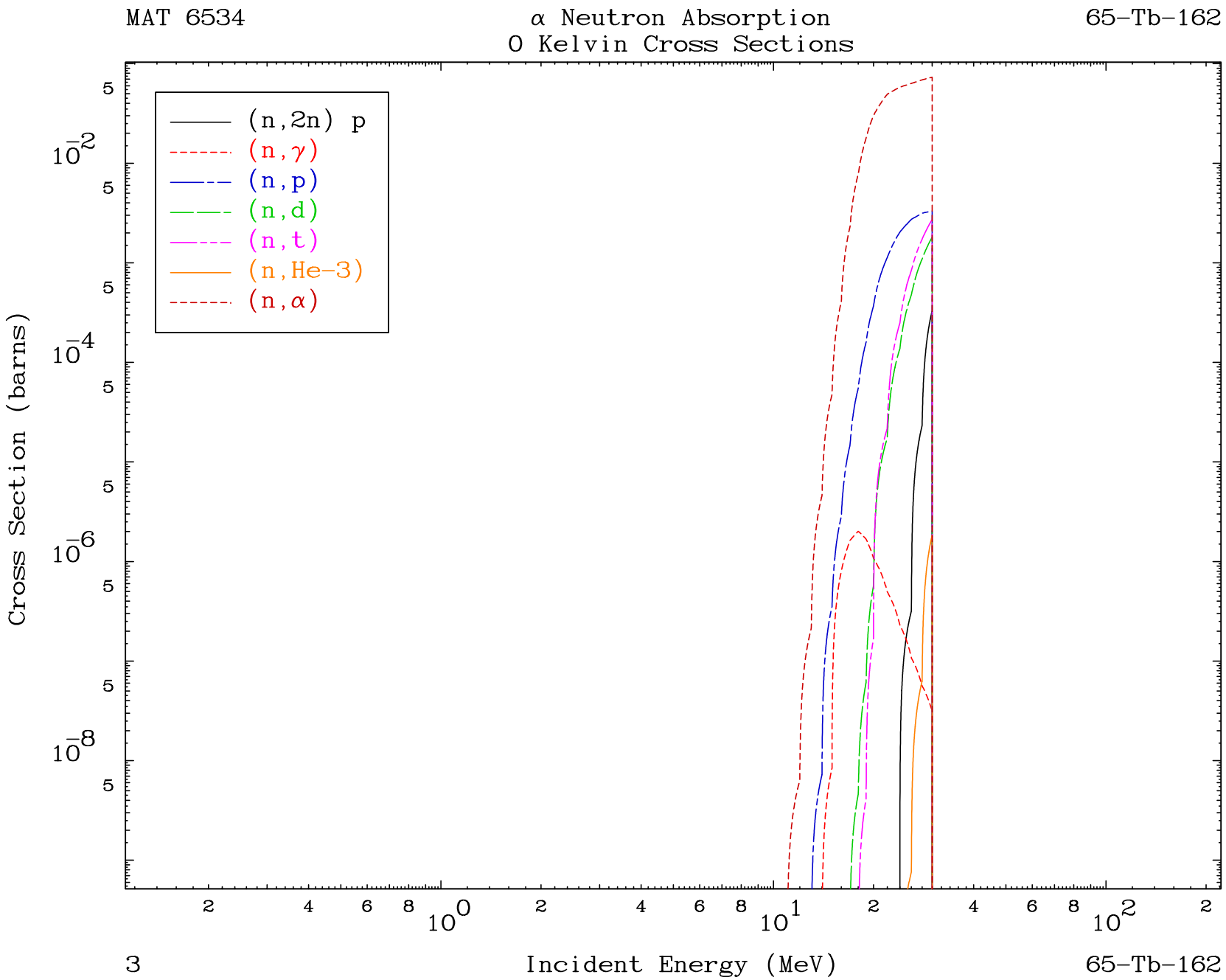
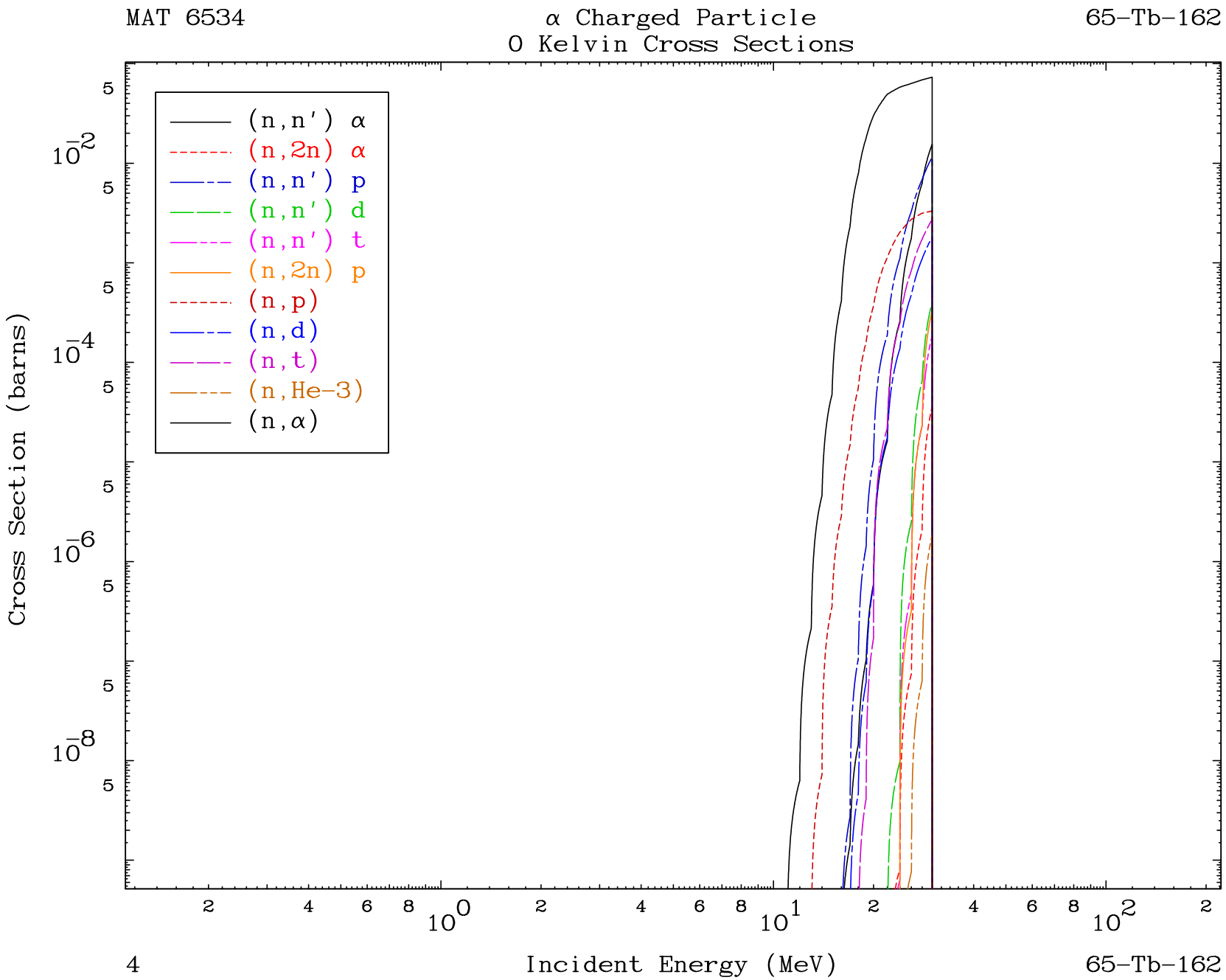
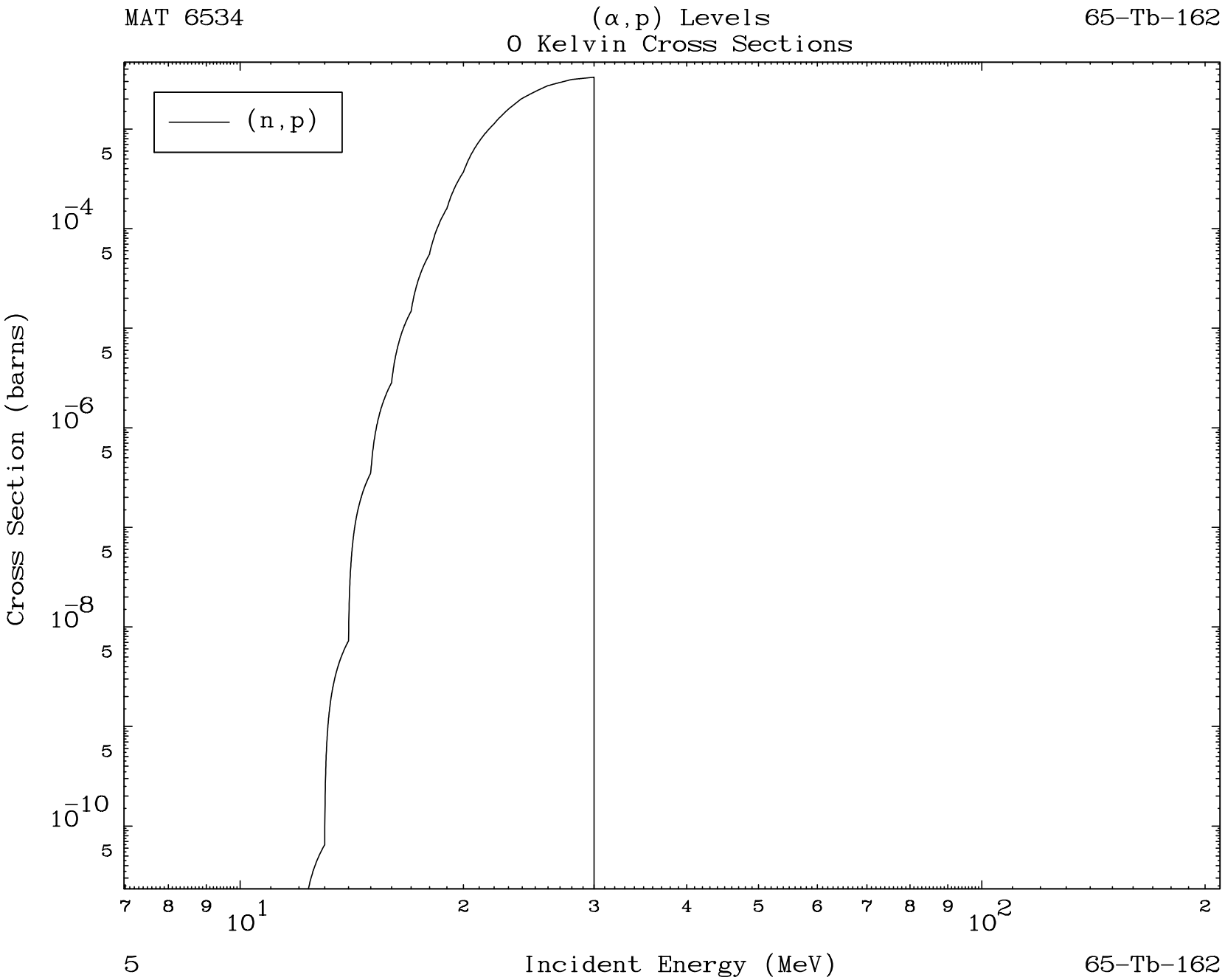
Press Mouse Button to Start

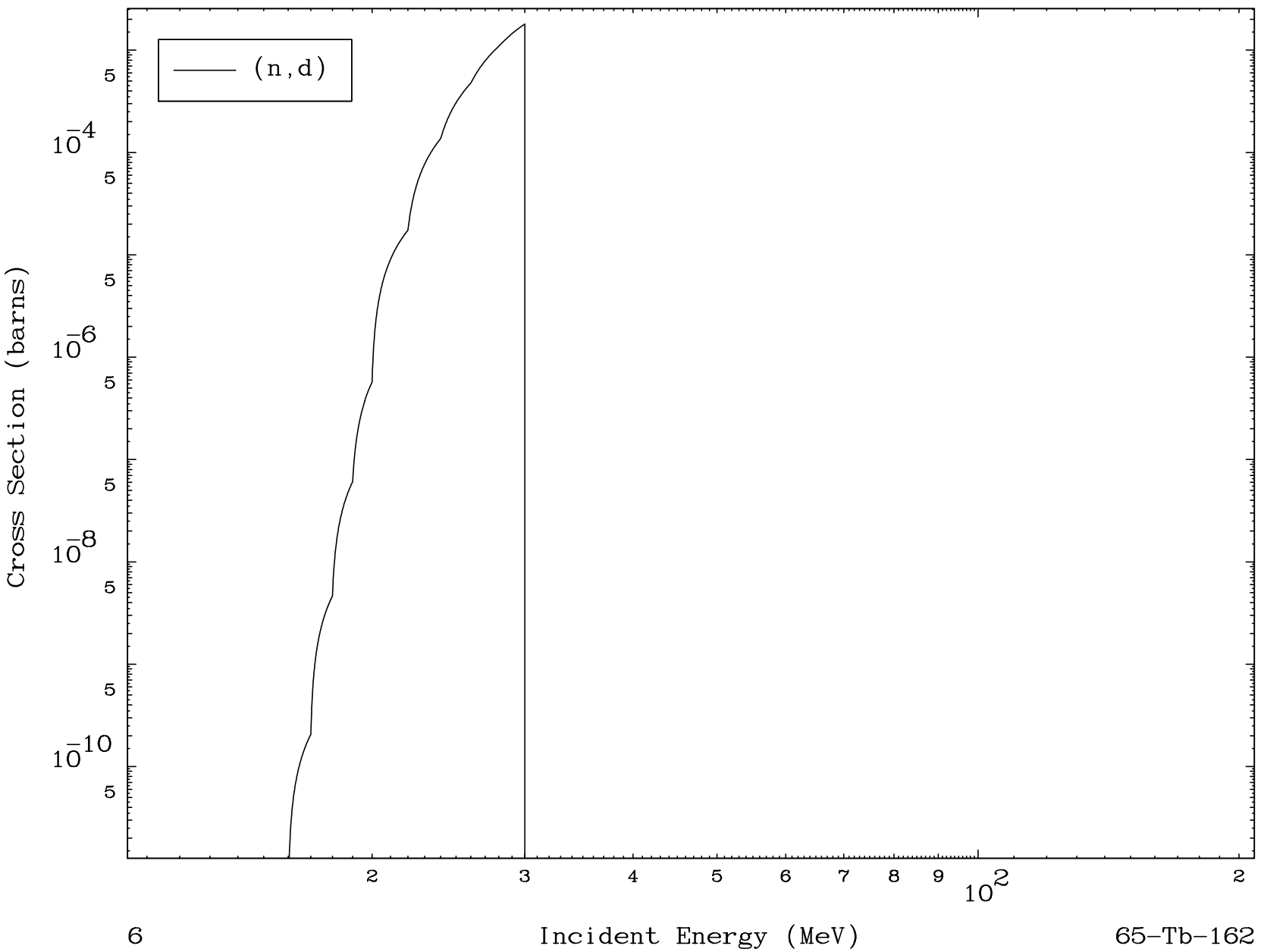

MAT 6534
α Major
65-Tb-162
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-162


MAT 6534
α Neutron Absorption
0 Kelvin Cross Sections
65-Tb-162
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
65-Tb-162

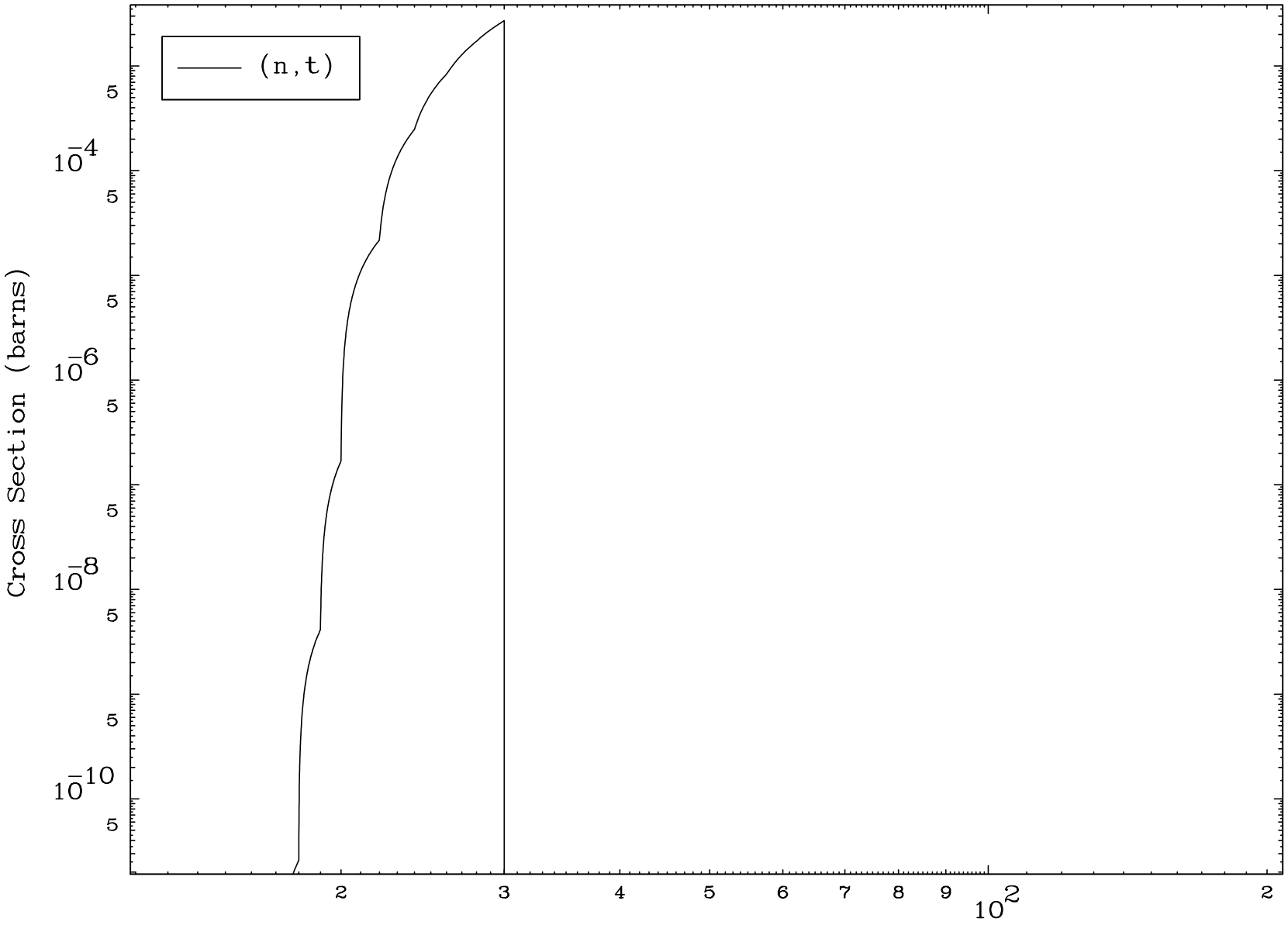

MAT 6534
α Neutron Absorption
0 Kelvin Cross Sections
65-Tb-162
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
65-Tb-162


MAT 6534
α Charged Particle
0 Kelvin Cross Sections
65-Tb-162
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
4
65-Tb-162

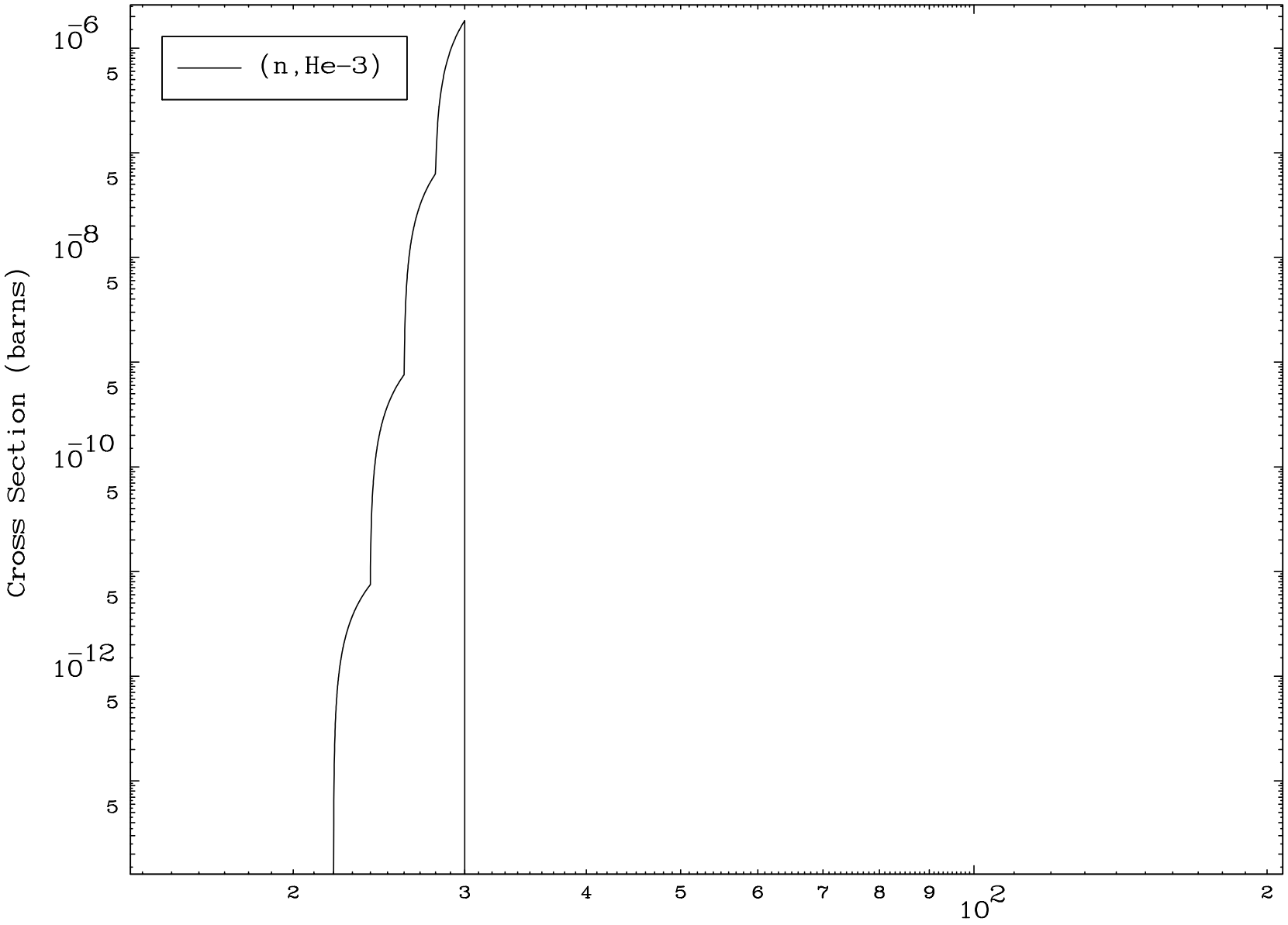

MAT 6534
(α,p) Levels
65-Tb-162
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
65-Tb-162

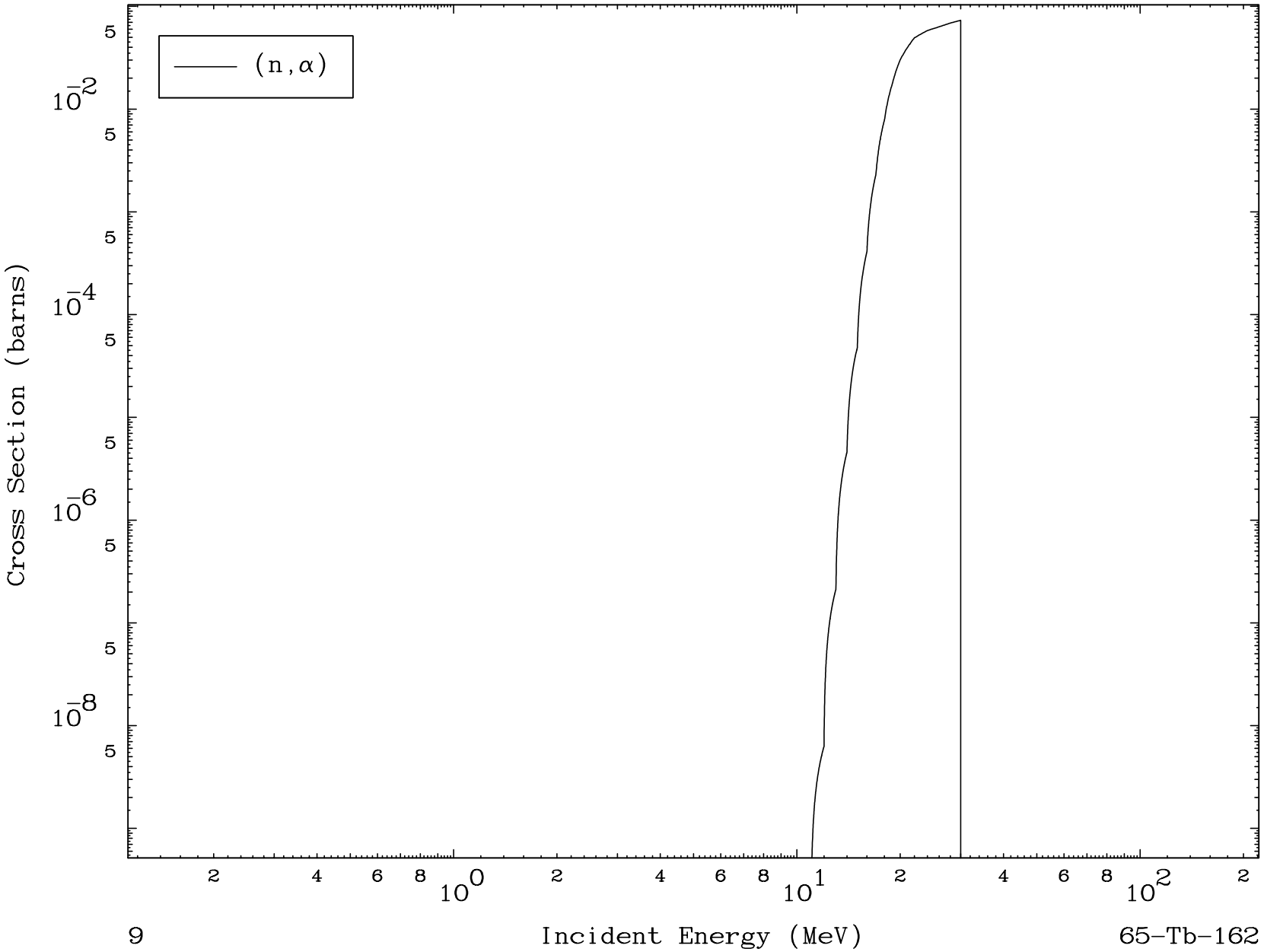

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

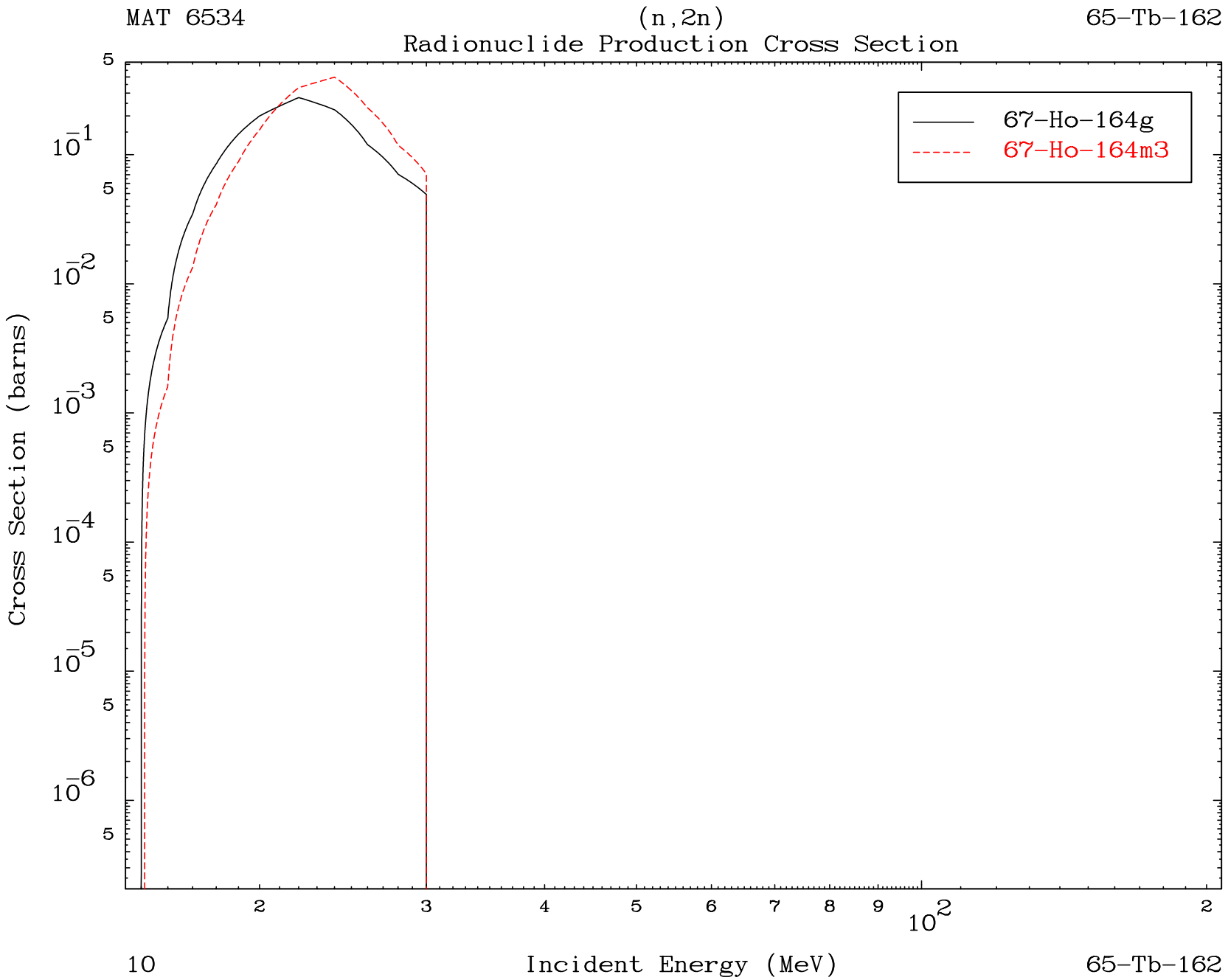
0 Kelvin Cross Sections

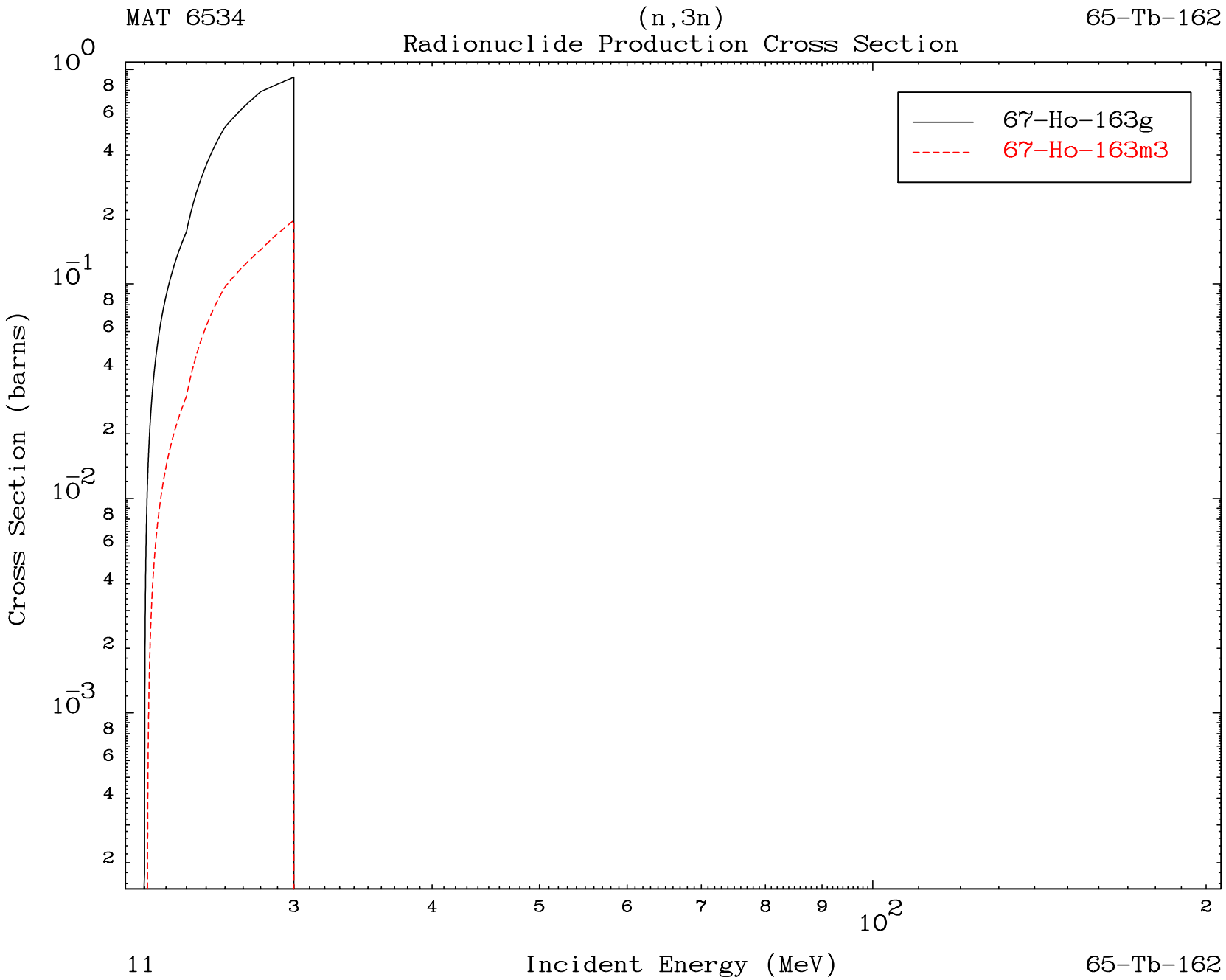


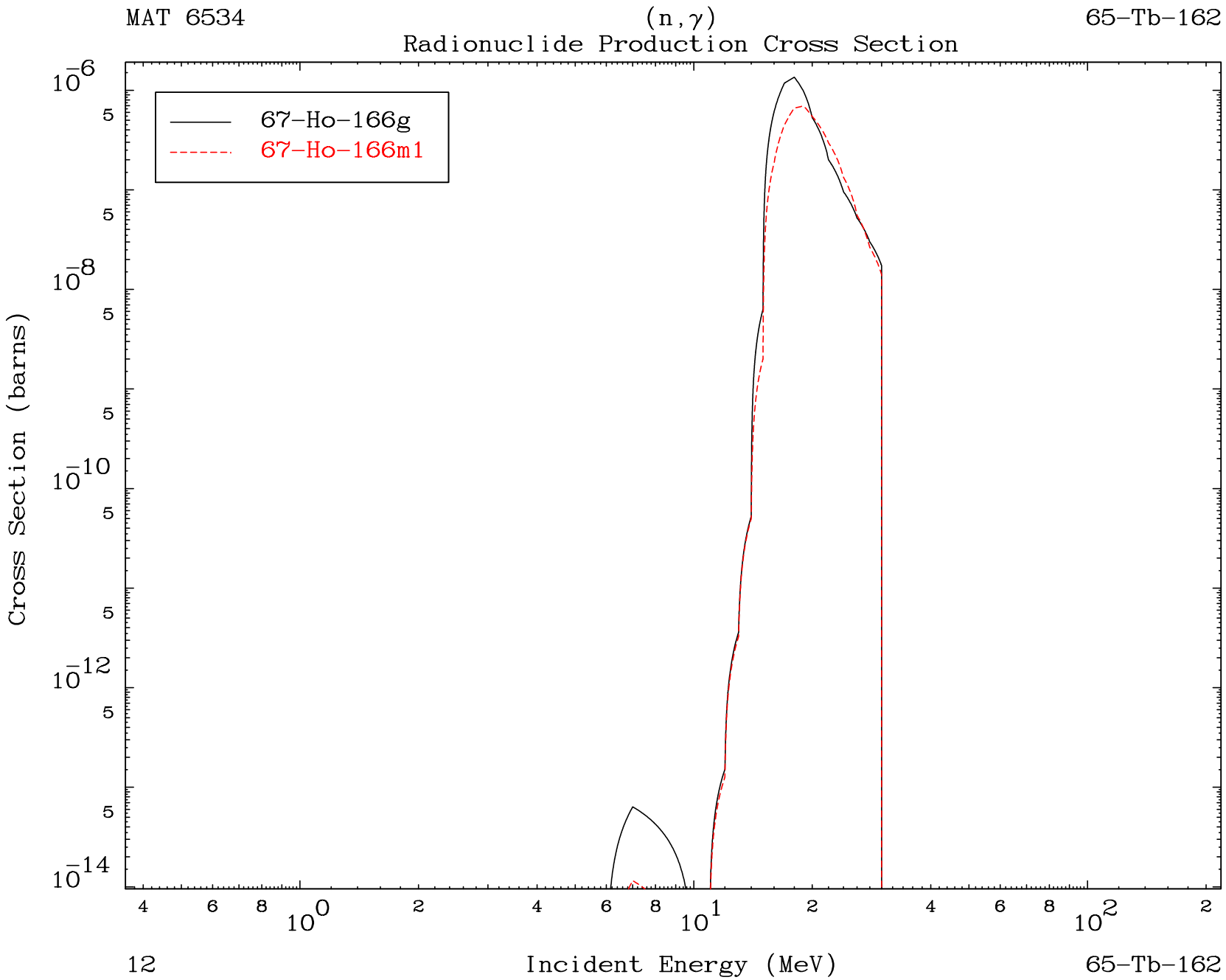
0 Kelvin Cross Sections

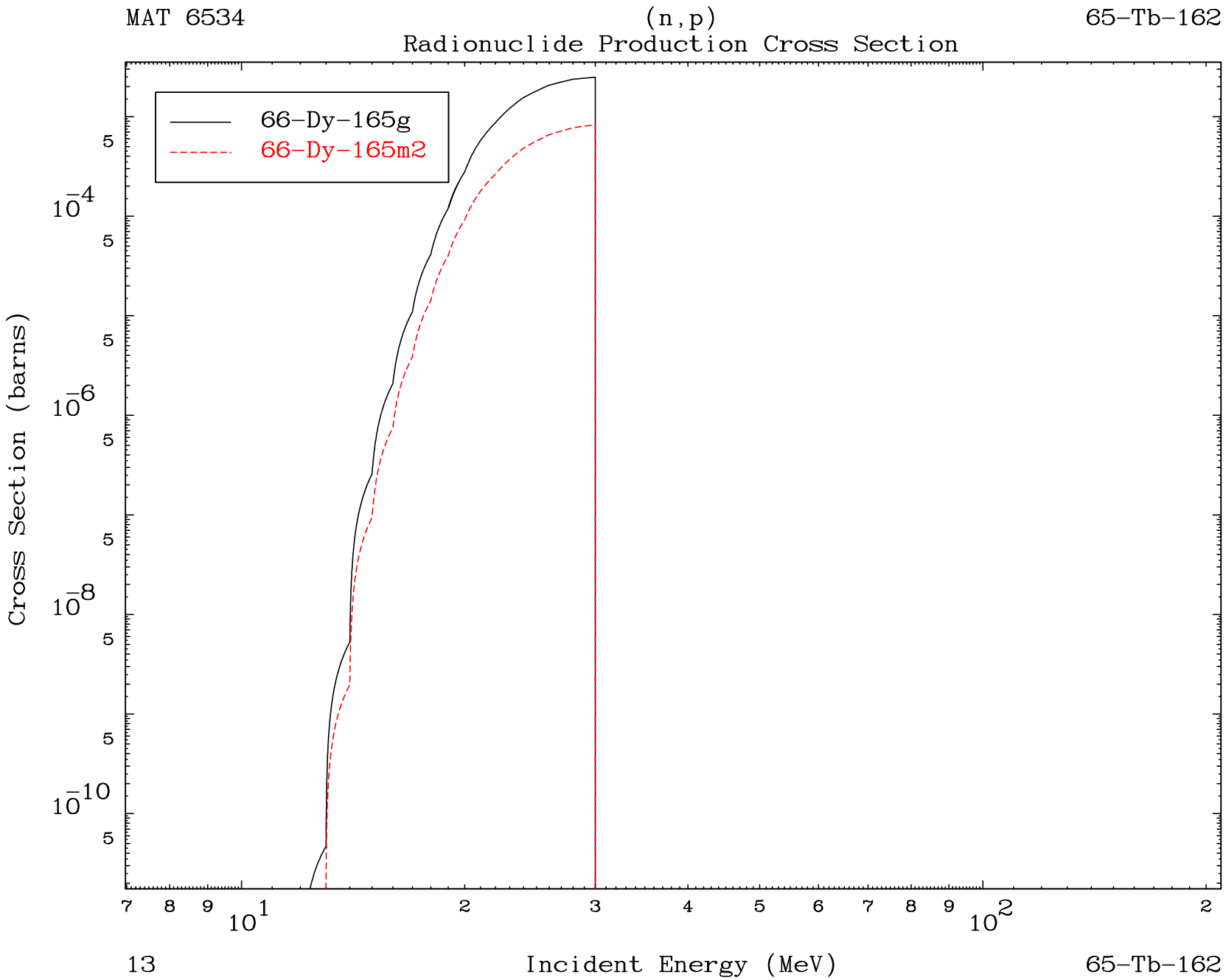



0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2 4 6 8 10^0 2 4 6 8 10^1 2 4 6 8 10^2 2
Incident Energy (MeV)


MAT 6534
(n,2n)
65-Tb-162
Radionuclide Production Cross Section
67-Ho-164g
67-Ho-164m3
Cross Section (barns)
Incident Energy (MeV)
10
65-Tb-162


MAT 6534
(n,3n)
65-Tb-162
Radionuclide Production Cross Section
67-Ho-163g
67-Ho-163m3
Cross Section (barns)
Incident Energy (MeV)
11
65-Tb-162


MAT 6534
(n,γ)
65-Tb-162
Radionuclide Production Cross Section
67-Ho-166g
67-Ho-166m1
Cross Section (barns)
Incident Energy (MeV)
12
65-Tb-162


MAT 6534
(n,p)
65-Tb-162
Radionuclide Production Cross Section
66-Dy-165g
66-Dy-165m2
Cross Section (barns)
10-4
10-6
10-8
10-10
5
7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
13
Incident Energy (MeV)
65-Tb-162