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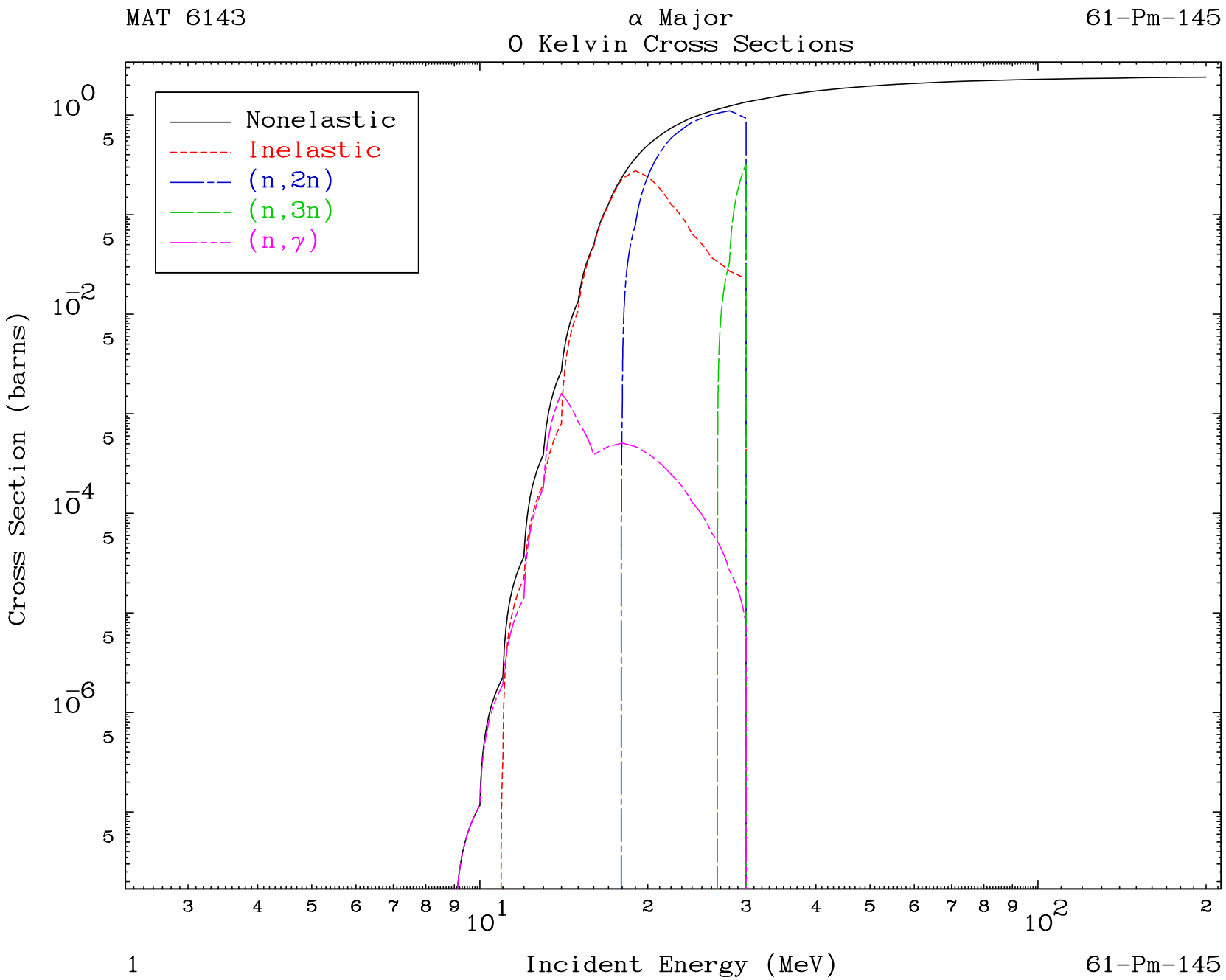
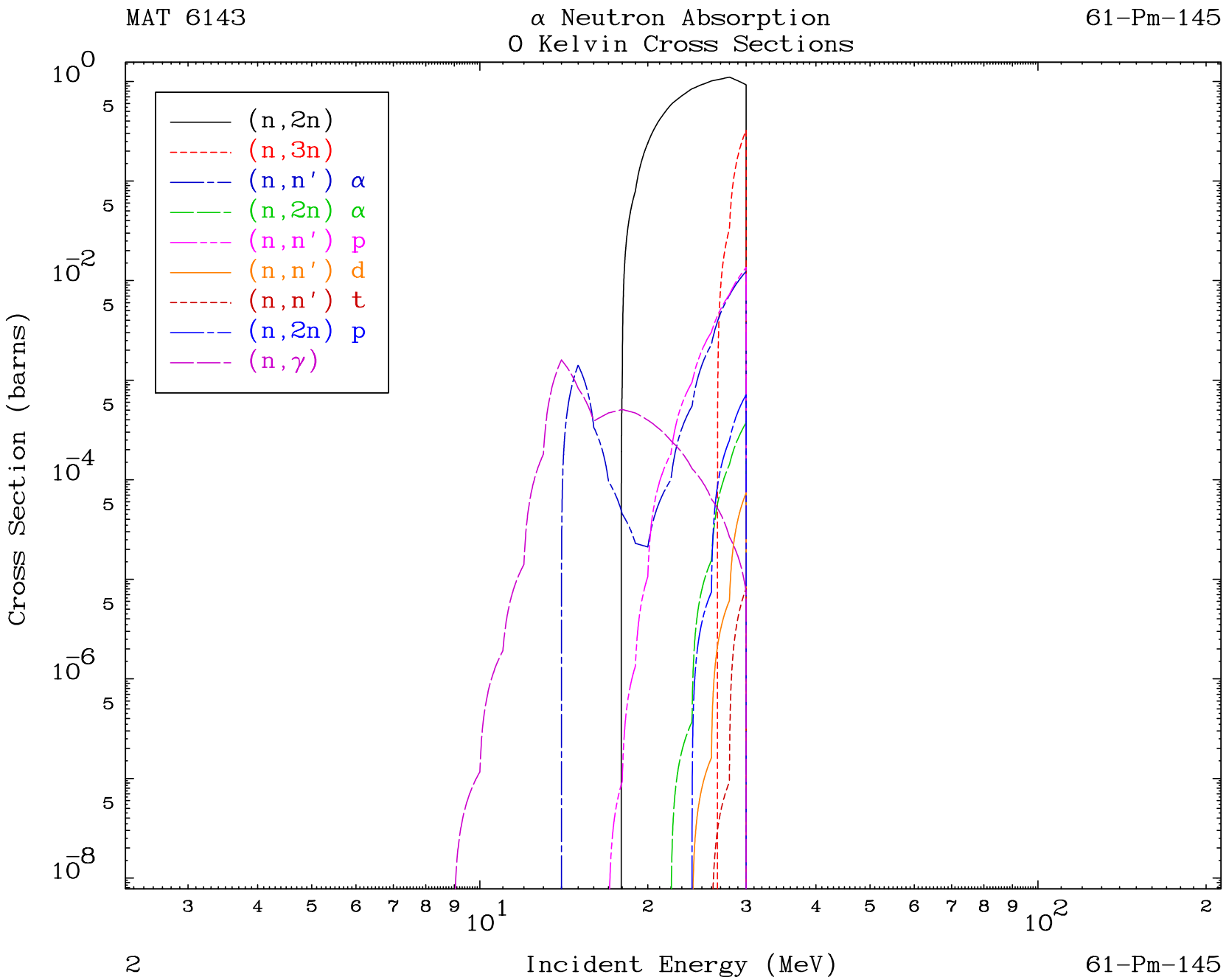
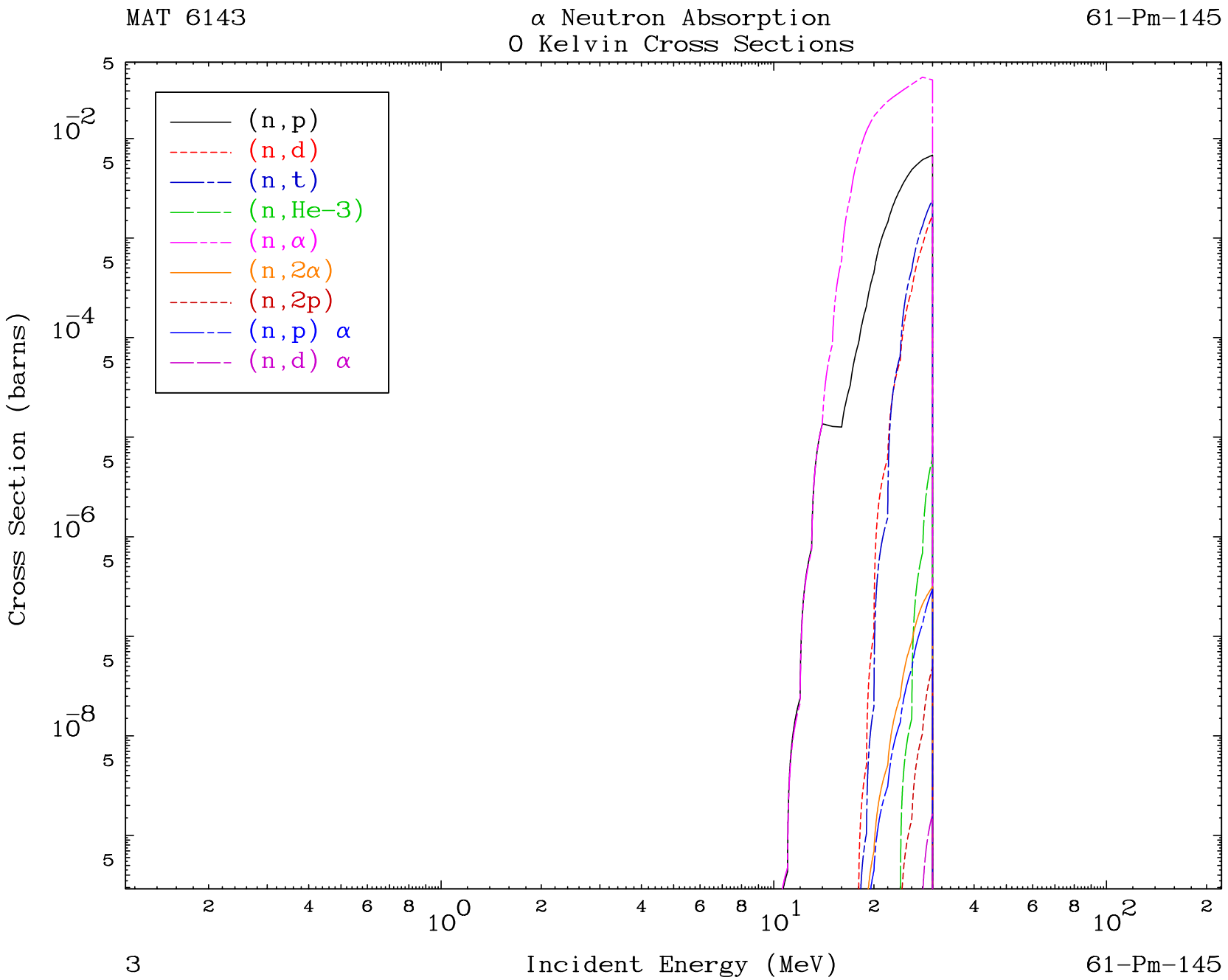
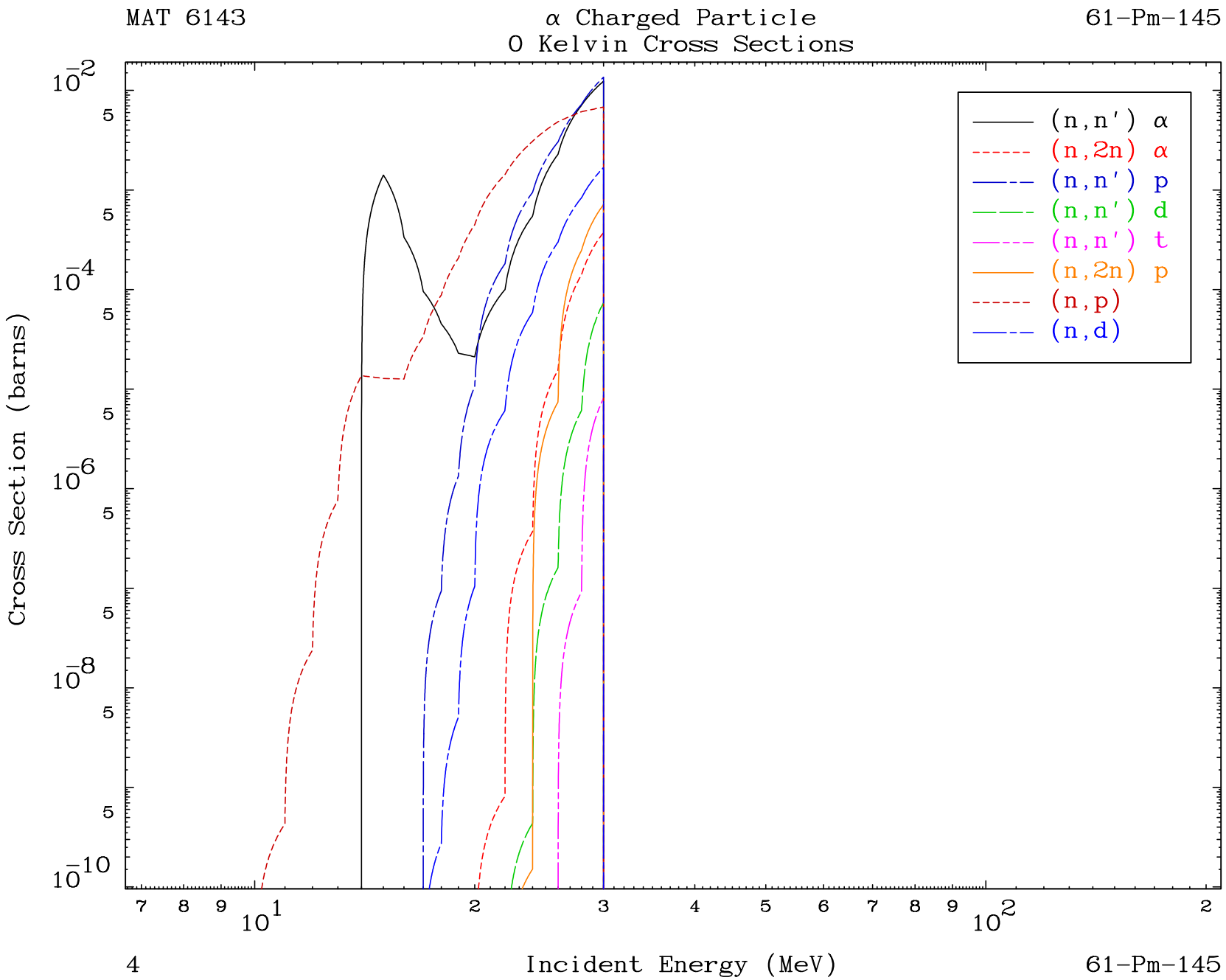
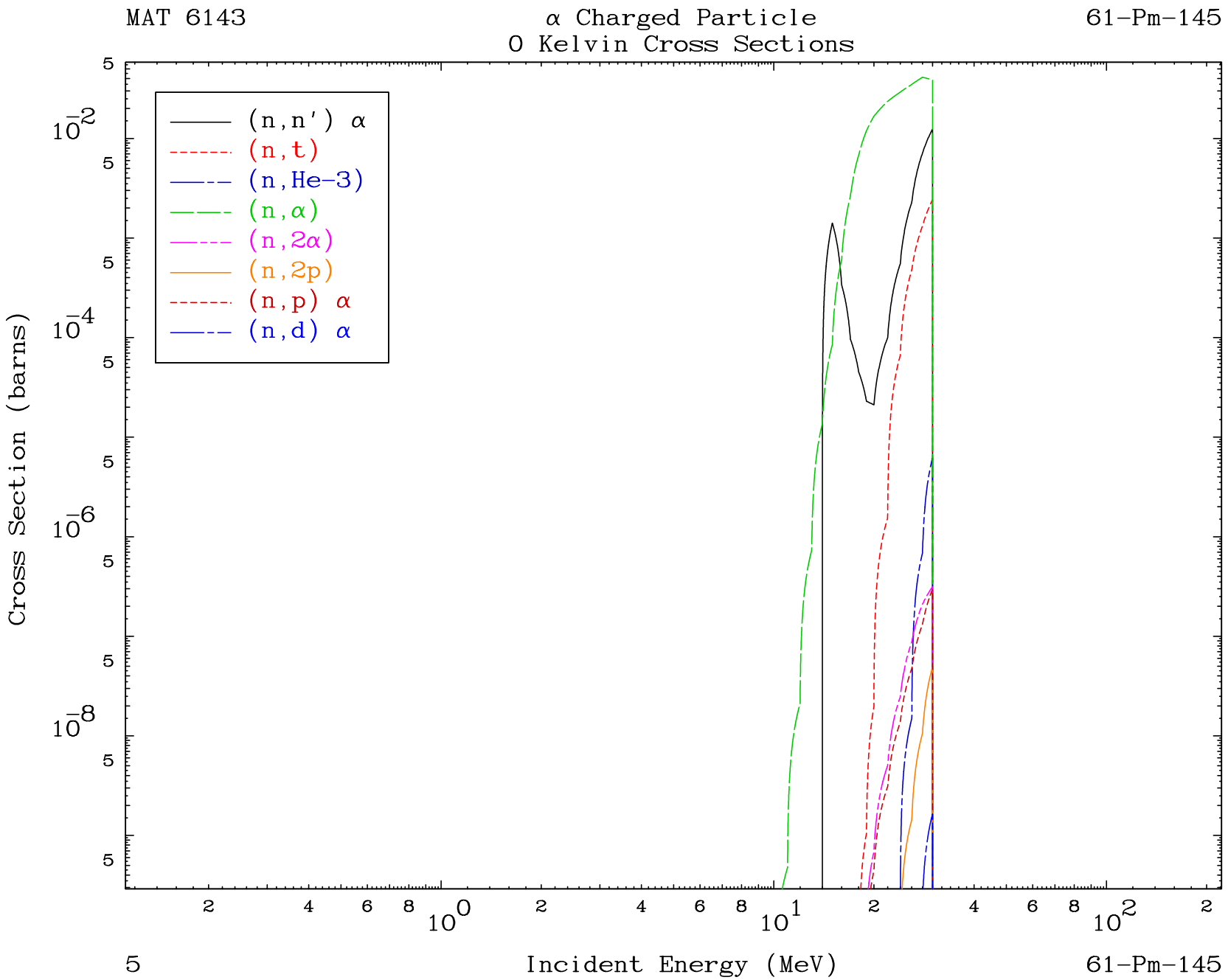
Press Mouse Button to Start

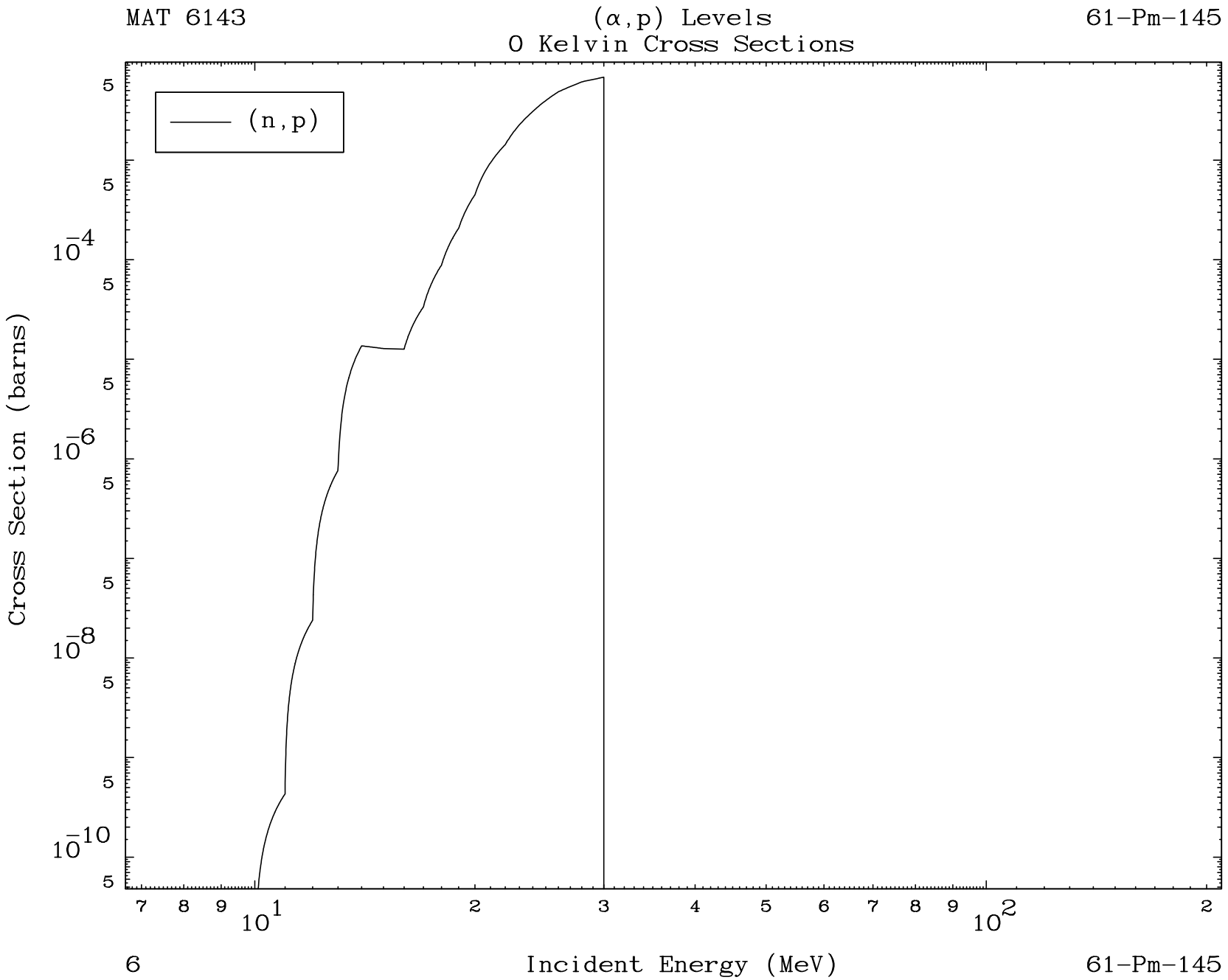

MAT 6143
α Major
61-Pm-145
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
61-Pm-145

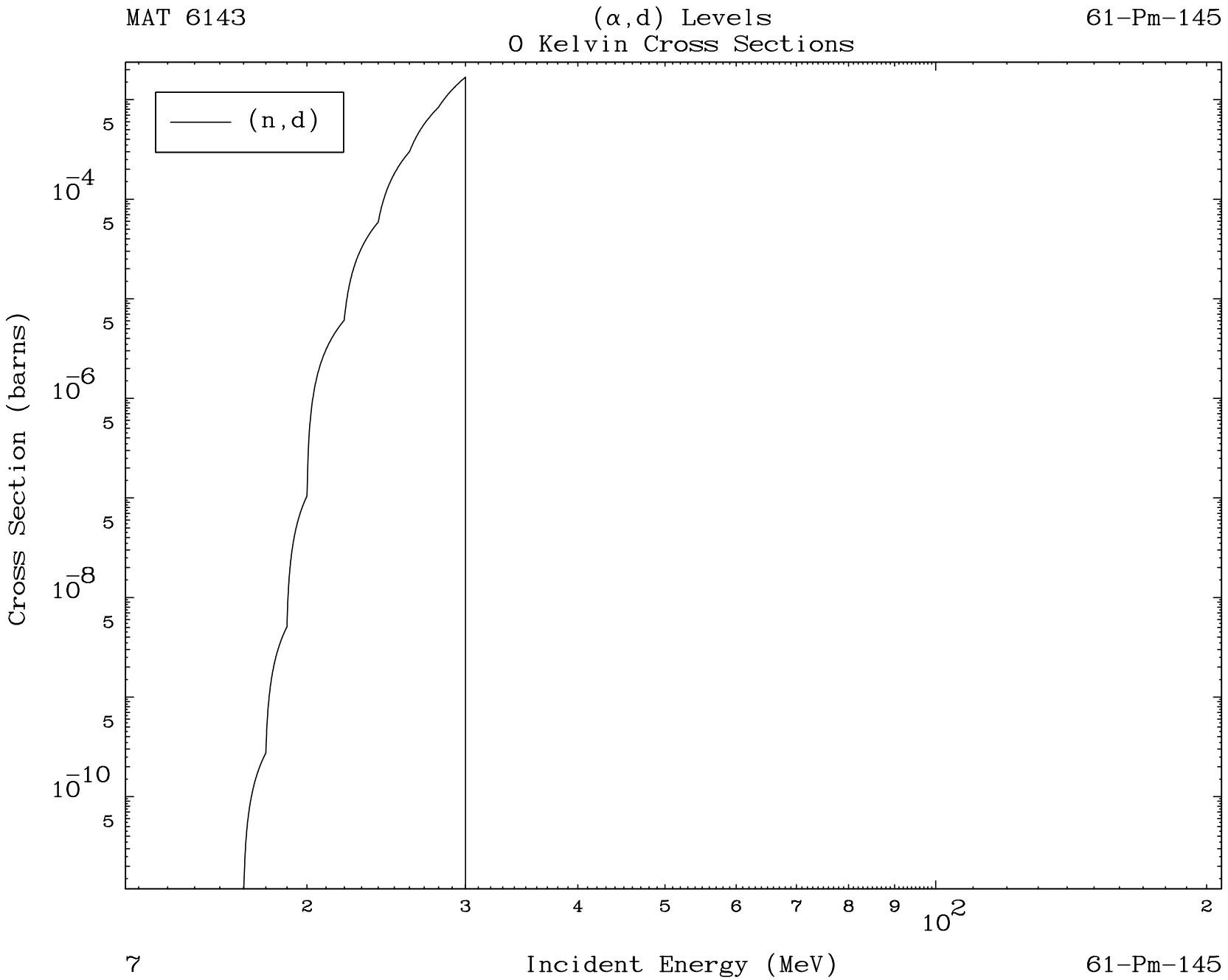

MAT 6143
α Neutron Absorption
0 Kelvin Cross Sections
61-Pm-145
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
61-Pm-145

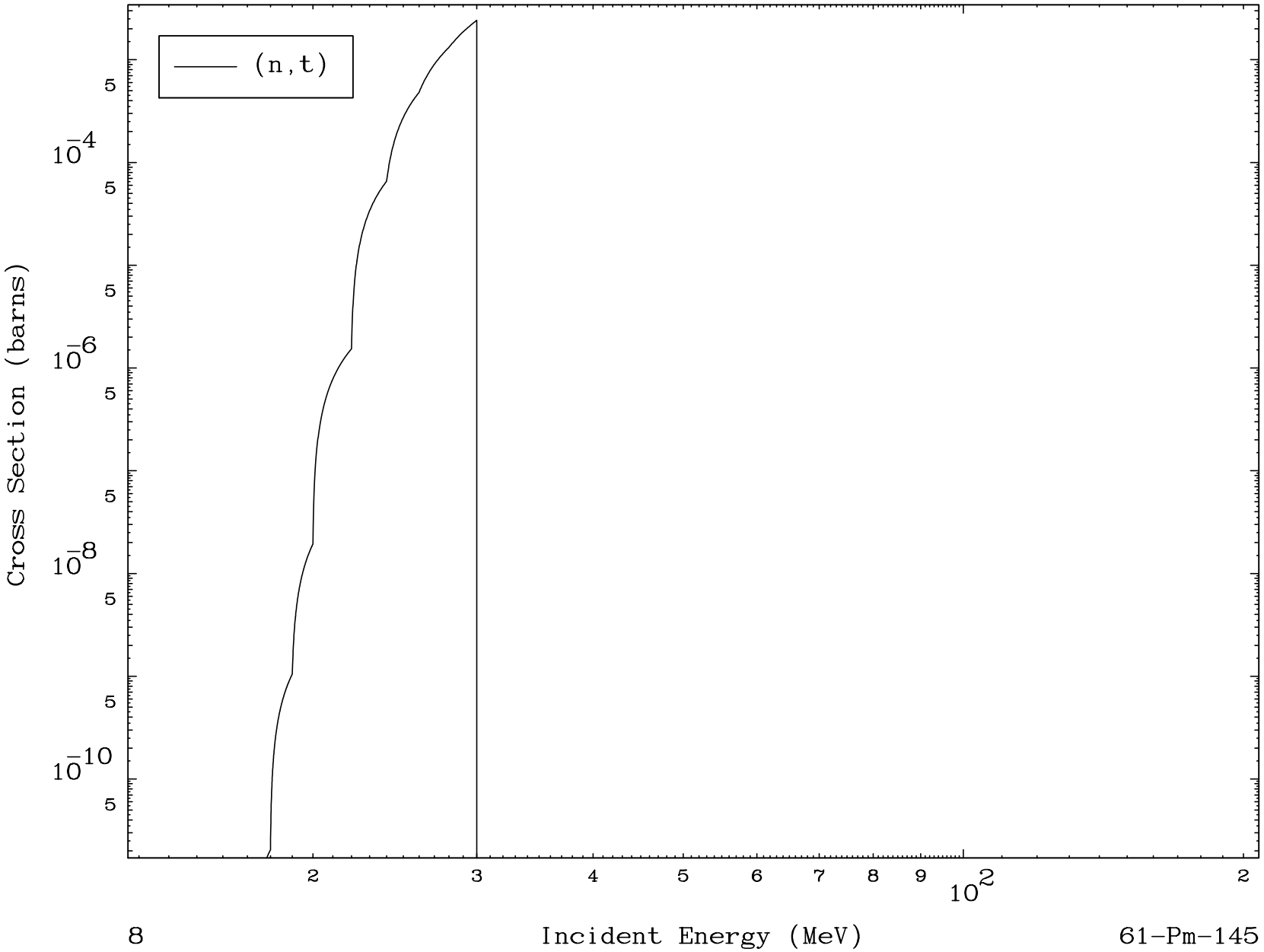

MAT 6143
α Neutron Absorption
0 Kelvin Cross Sections
61-Pm-145
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
61-Pm-145


MAT 6143
α Charged Particle
0 Kelvin Cross Sections
61-Pm-145
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
4
61-Pm-145

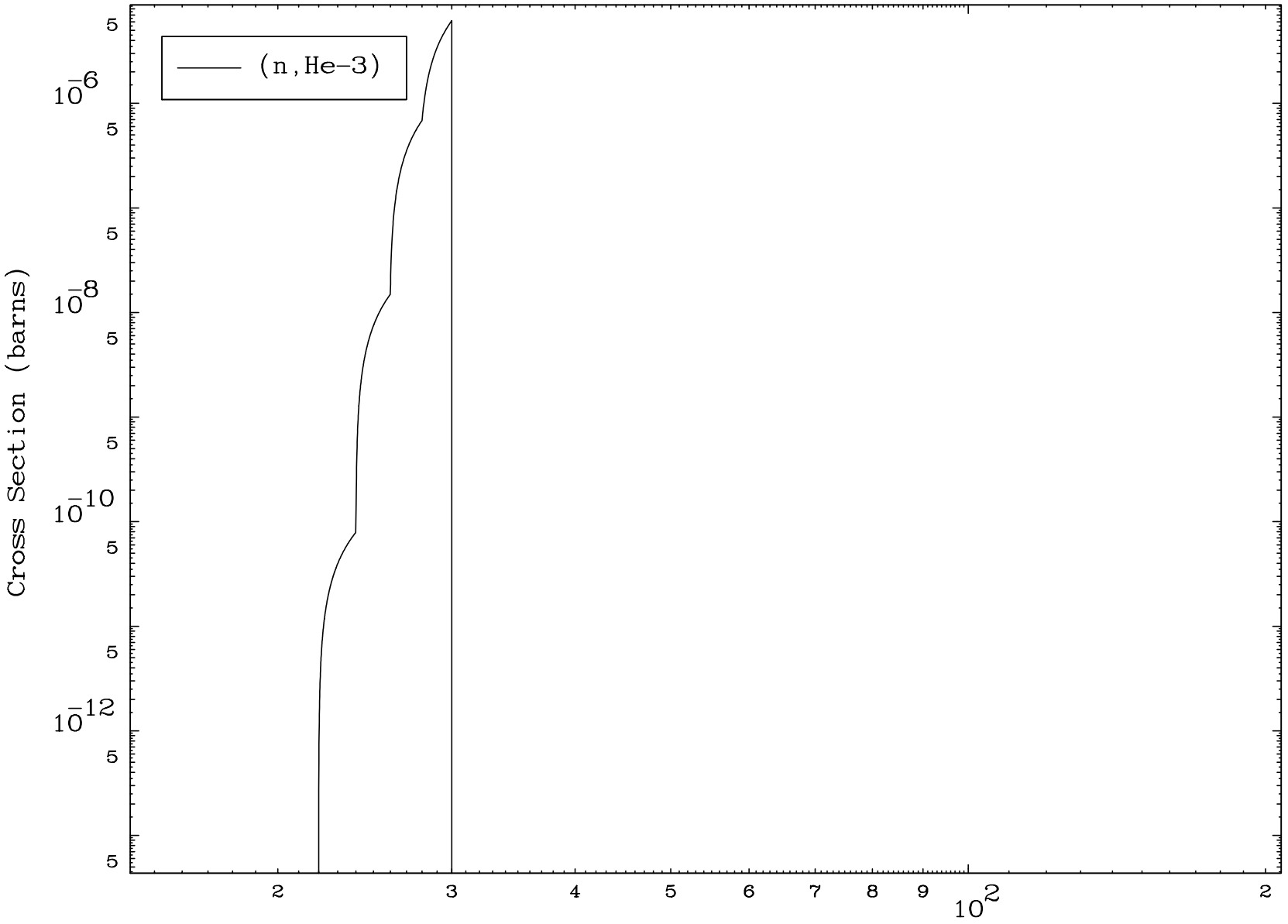

MAT 6143
α Charged Particle
0 Kelvin Cross Sections
61-Pm-145
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
61-Pm-145

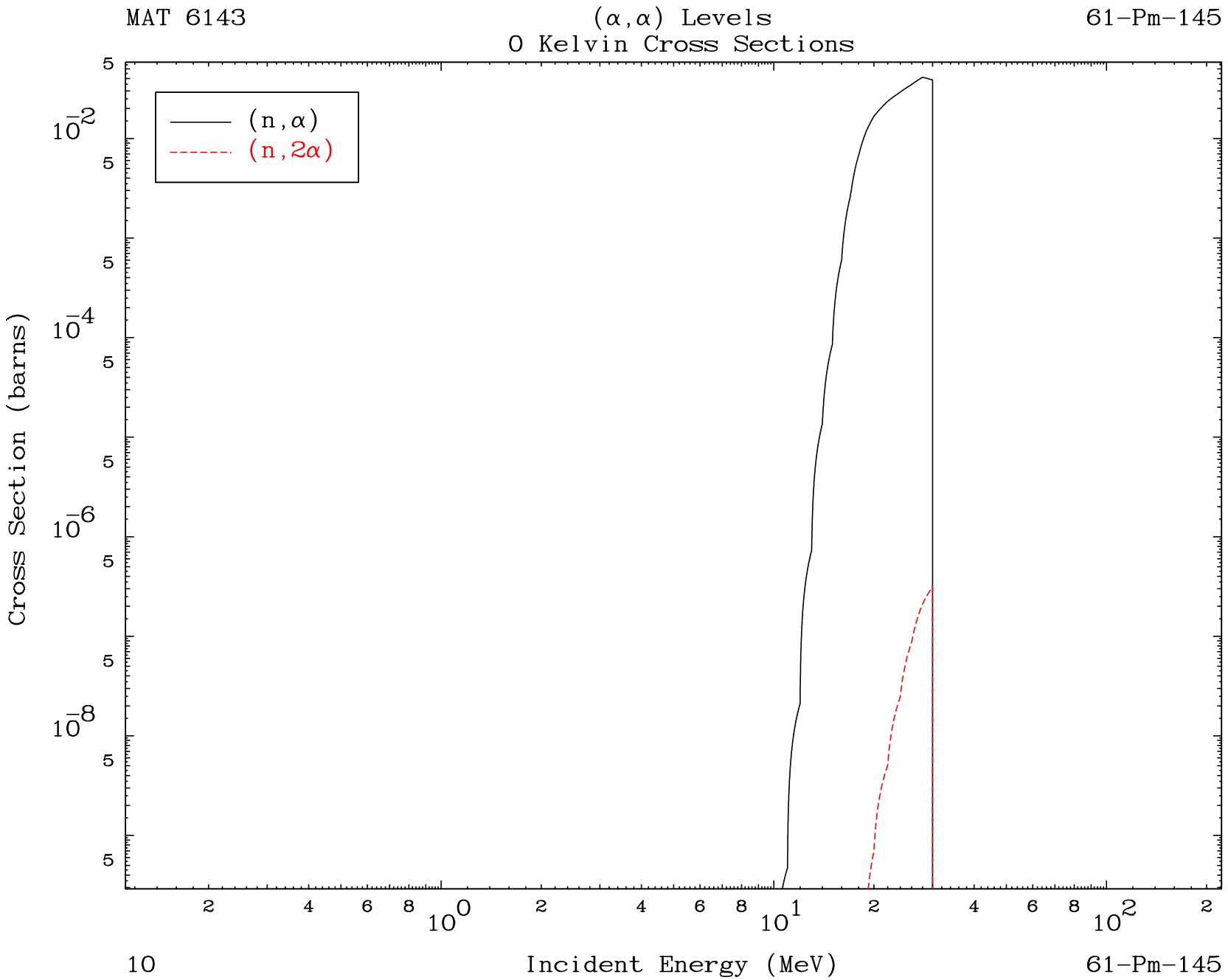

MAT 6143
(α,p) Levels
61-Pm-145
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
6
61-Pm-145


MAT 6143
(α,d) Levels
61-Pm-145
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
61-Pm-145


0 Kelvin Cross Sections
(n,t)
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




MAT 6143
(α,α) Levels
61-Pm-145
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
61-Pm-145