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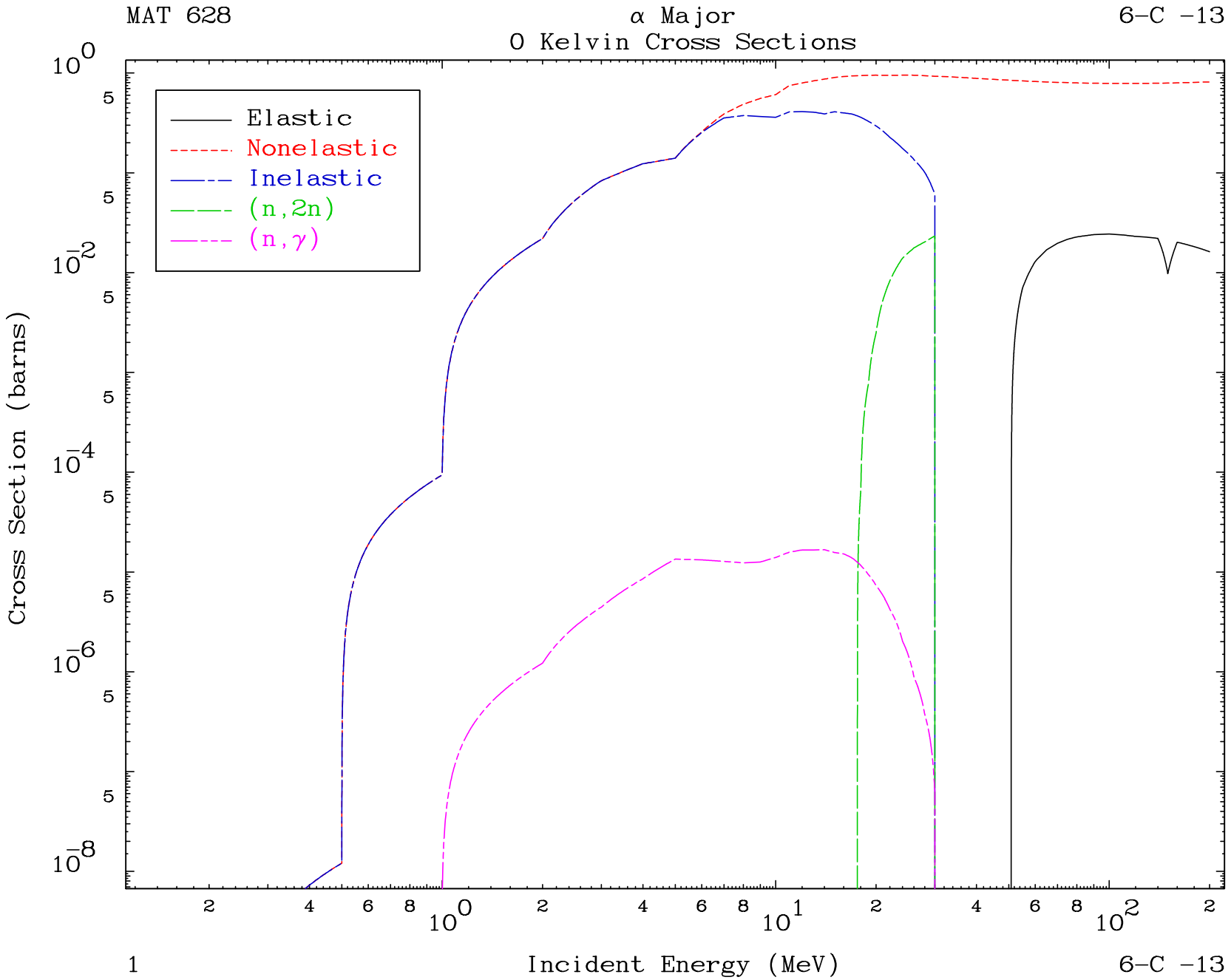
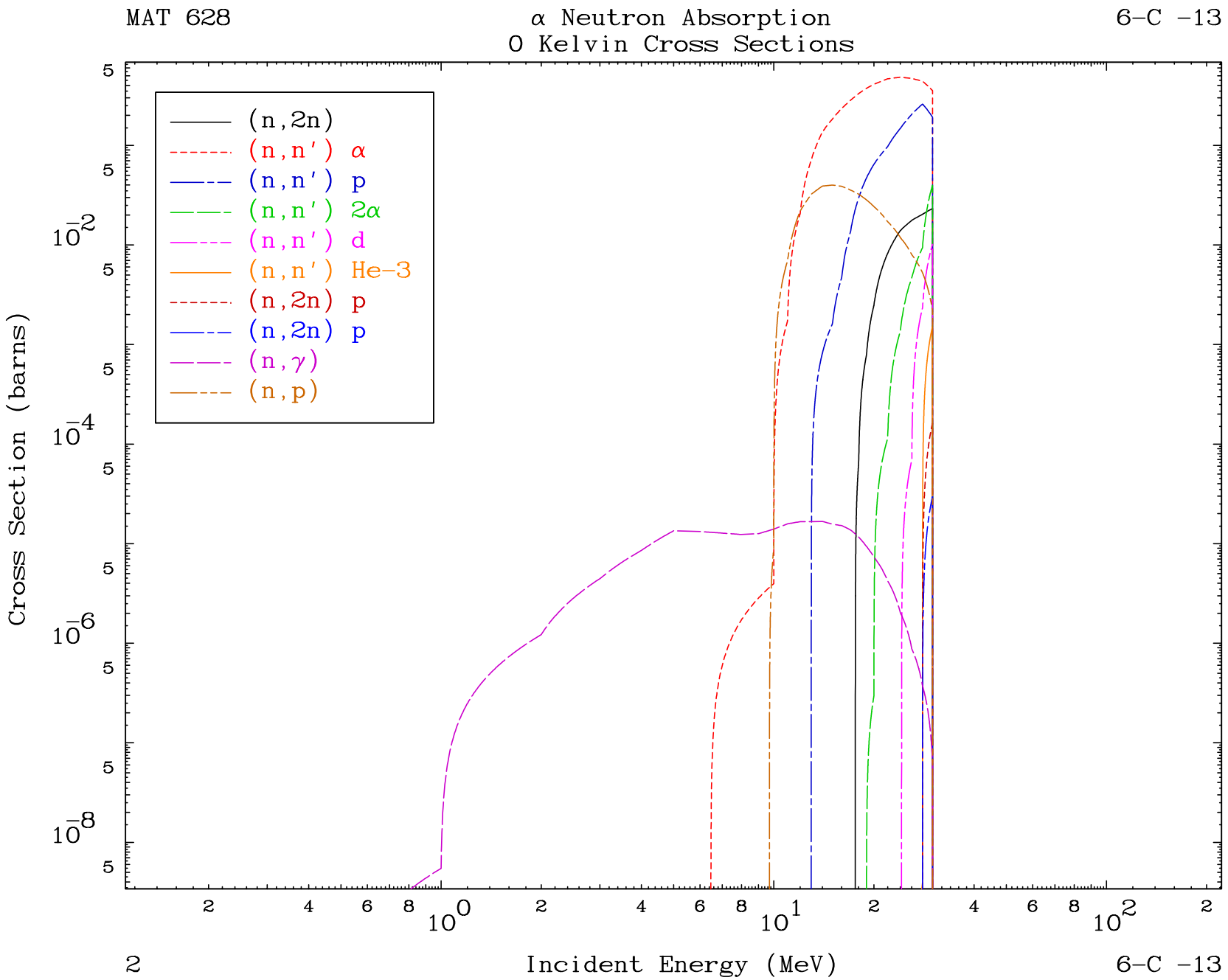
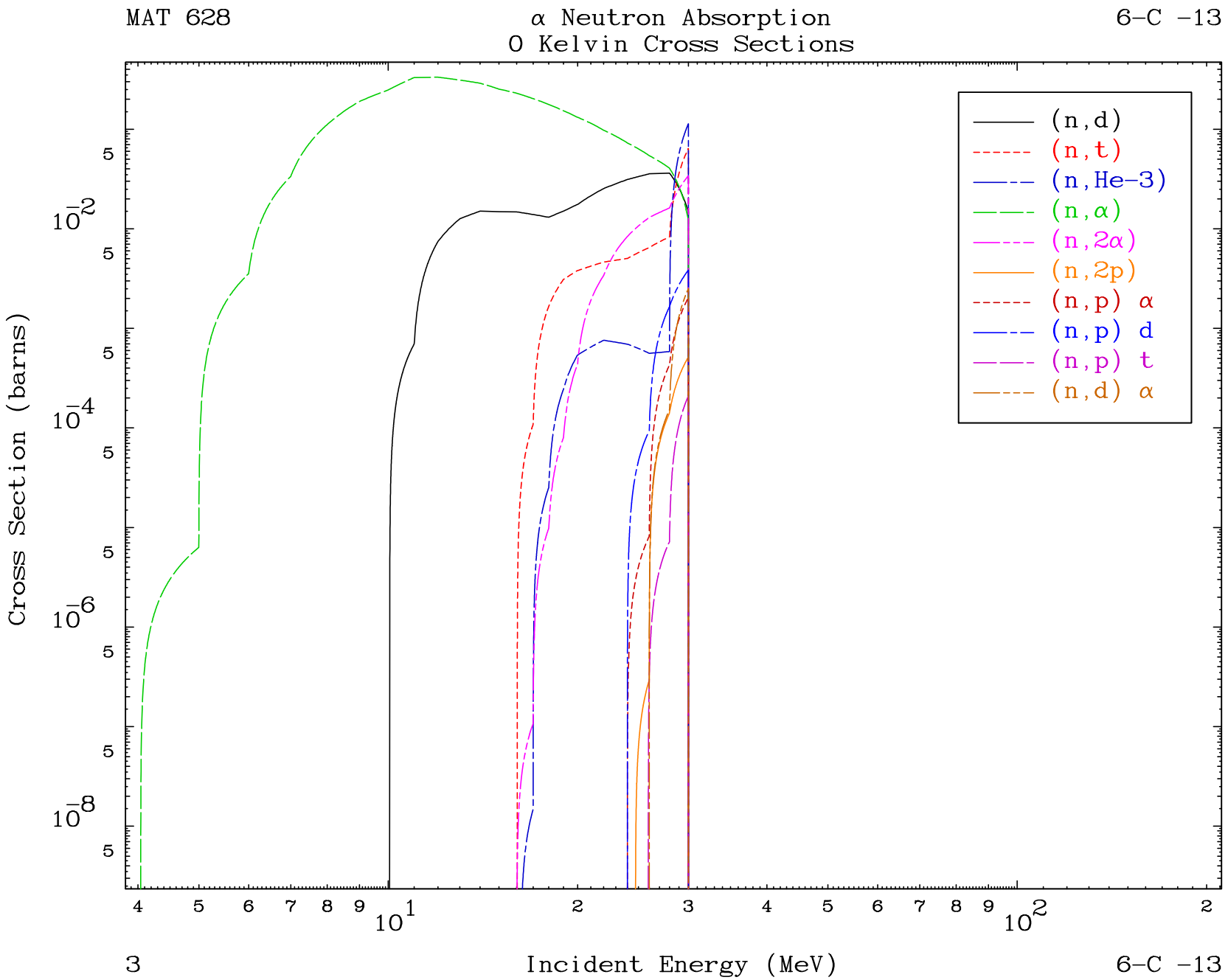
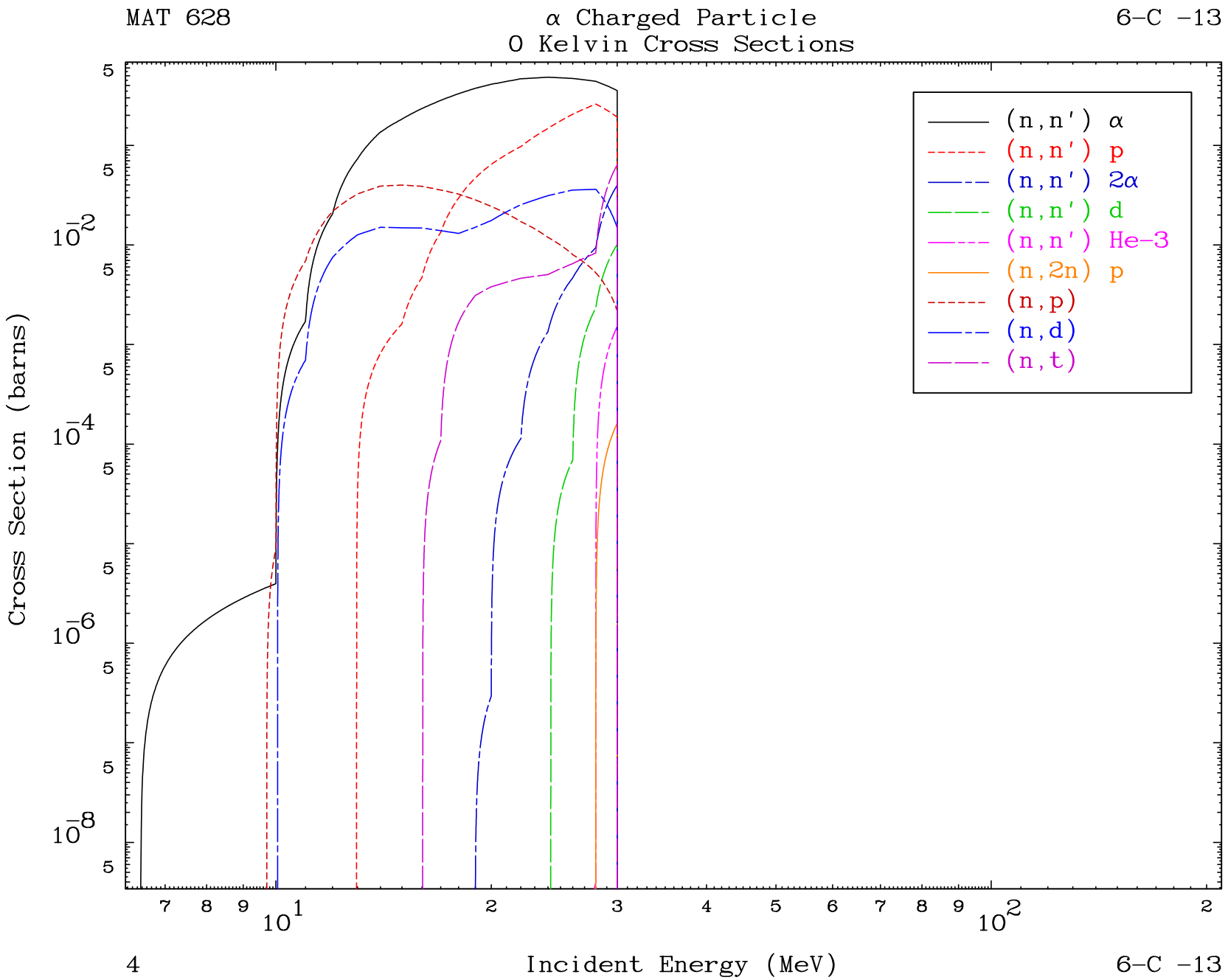
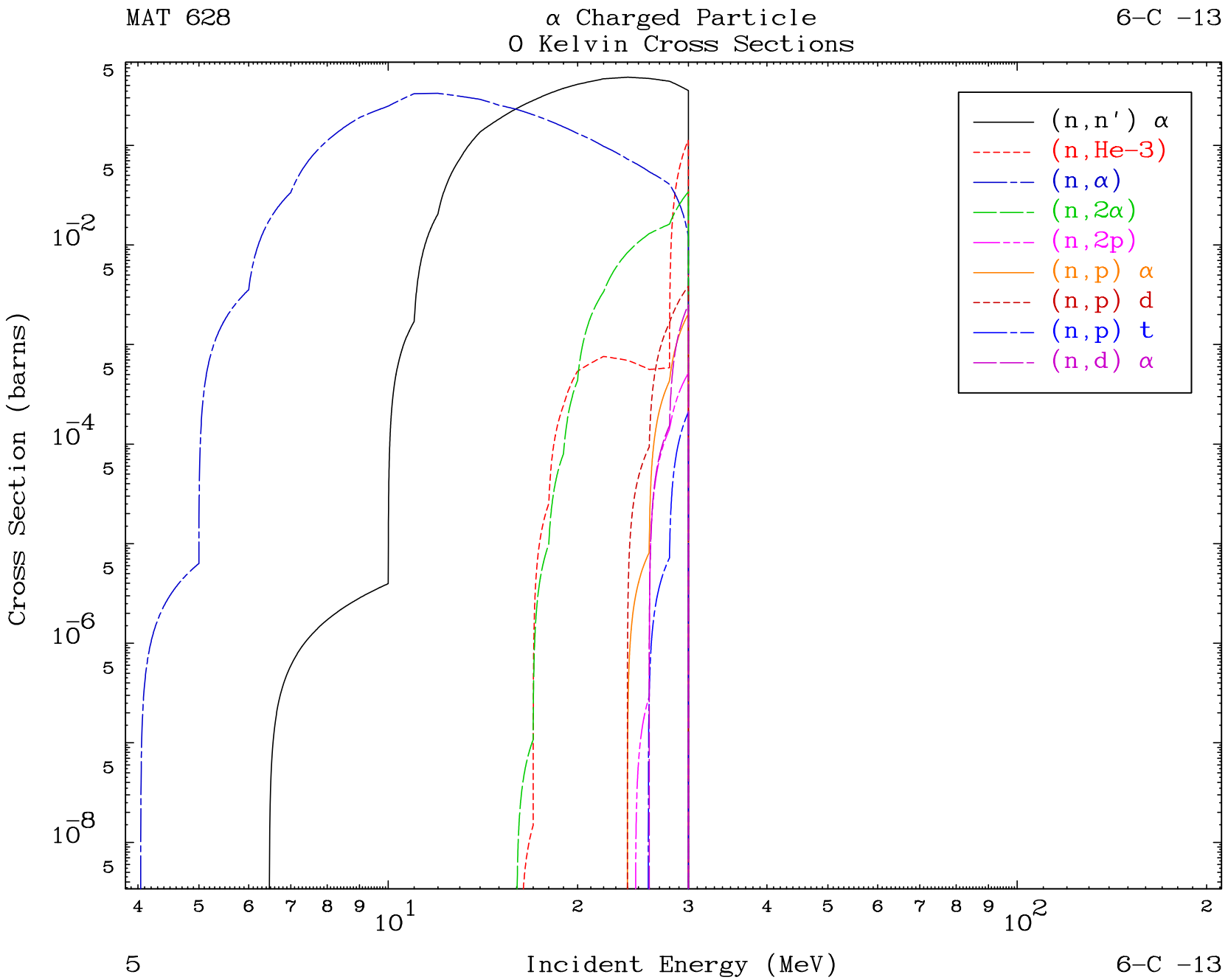
Press Mouse Button to Start

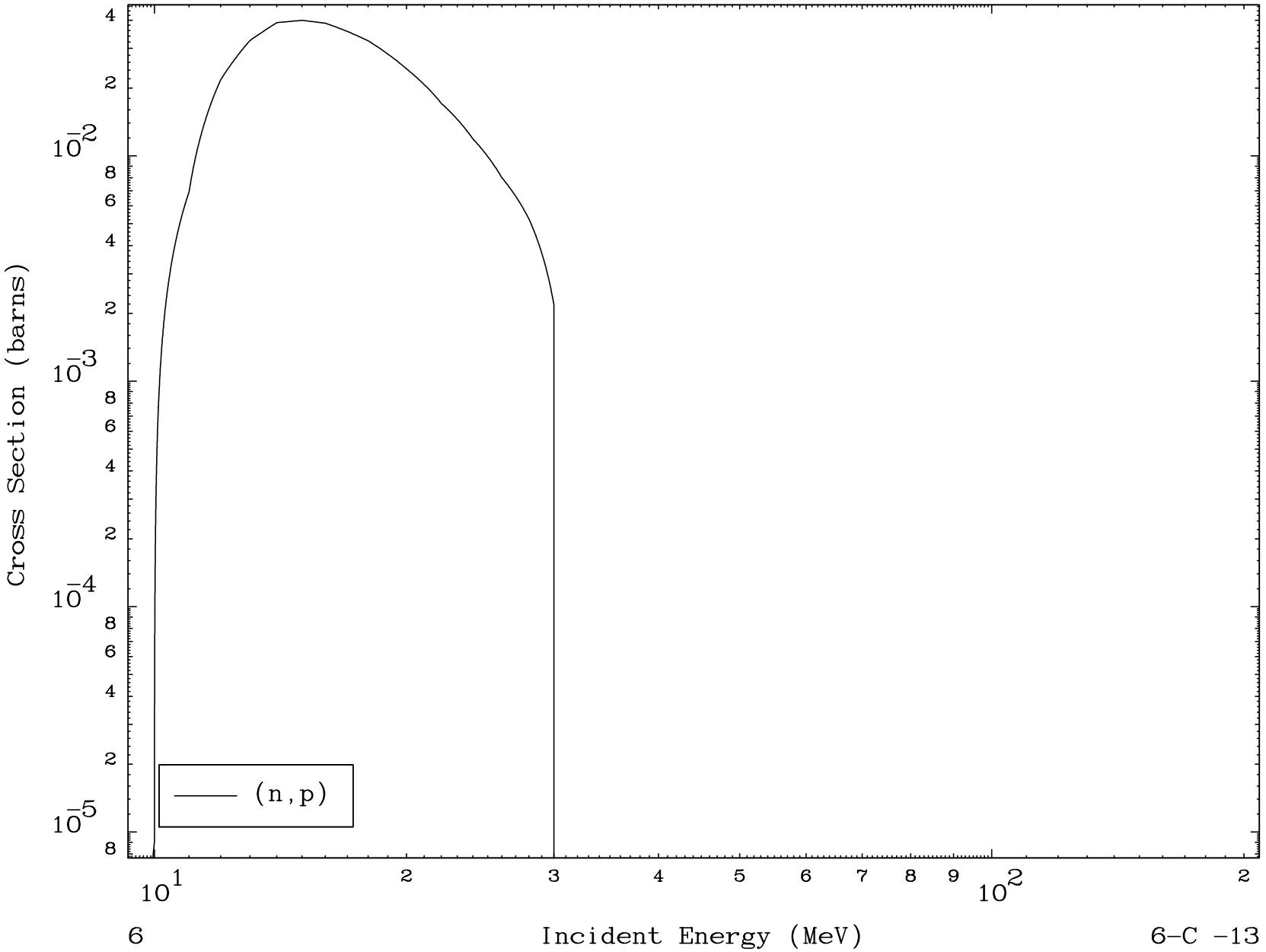

MAT 628
α Major
6-C -13
0 Kelvin Cross Sections
Elastic
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
6-C -13
1

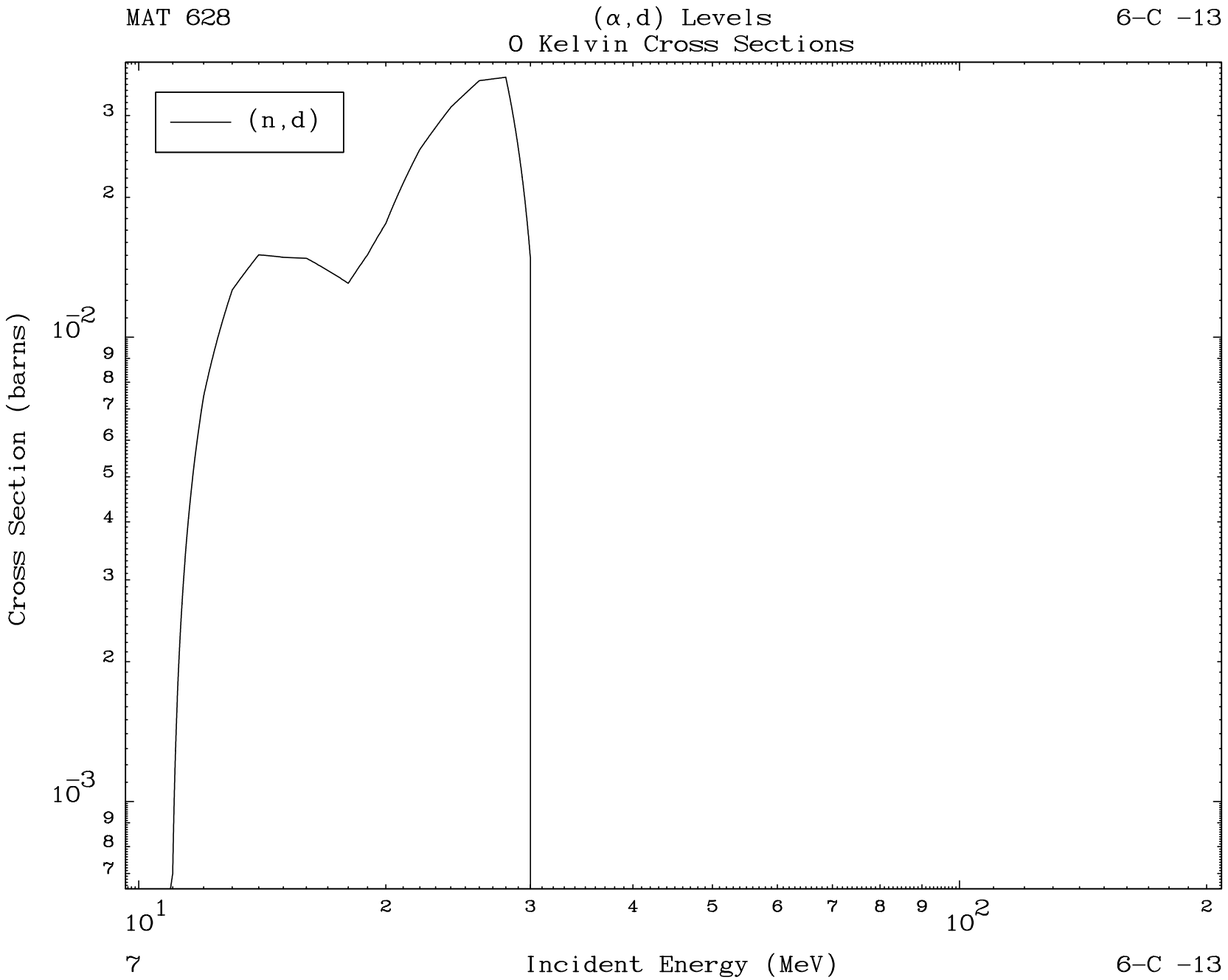

MAT 628
α Neutron Absorption
0 Kelvin Cross Sections
6-C -13
(n,2n)
(n,n') α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') He-3
(n,2n) p
(n,2n) p
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
2
6-C -13


MAT 628
α Neutron Absorption
0 Kelvin Cross Sections
6-C -13
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
6-C -13

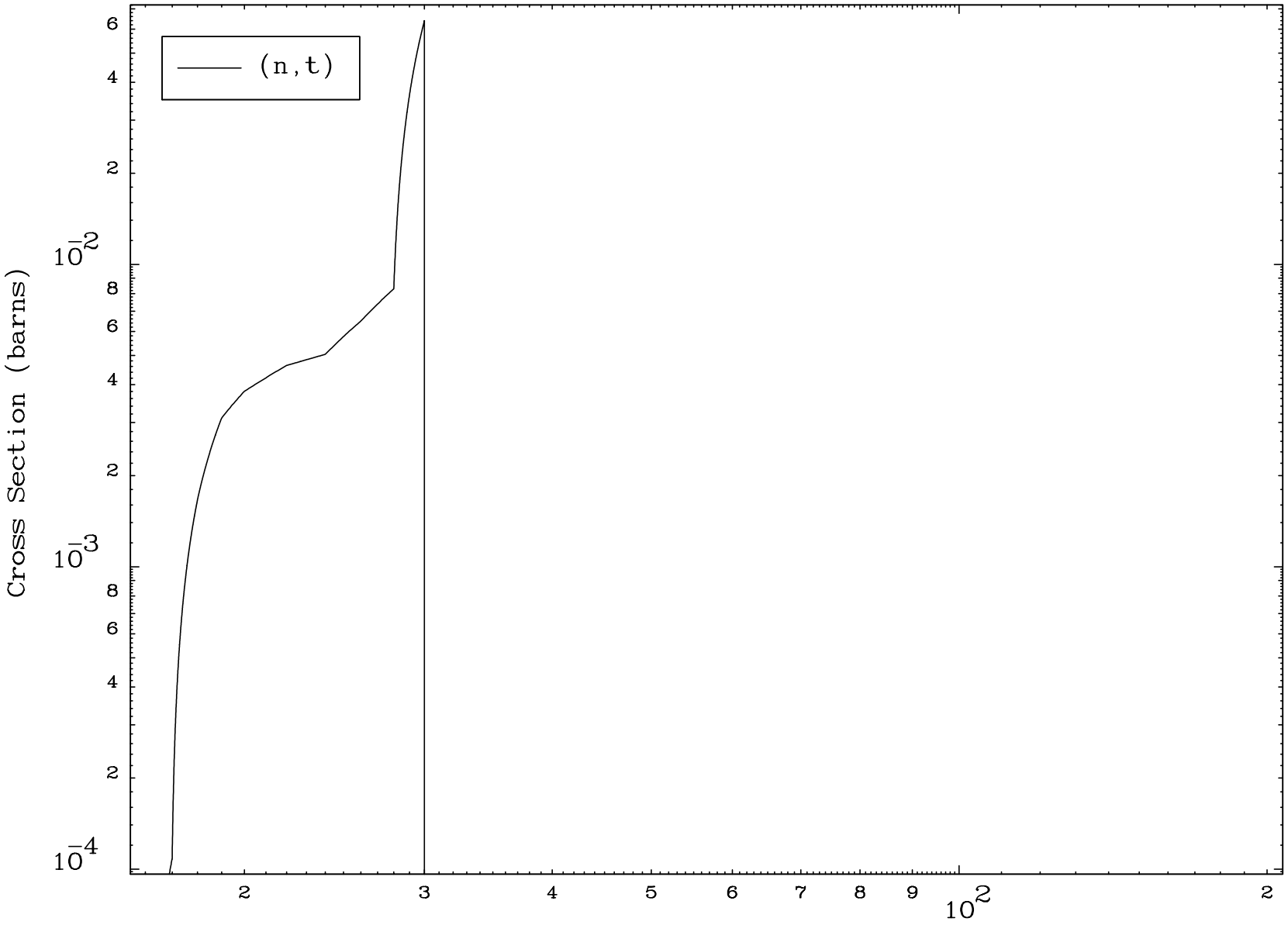

MAT 628
α Charged Particle
0 Kelvin Cross Sections
6-C -13
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
(n,t)
4
6-C -13

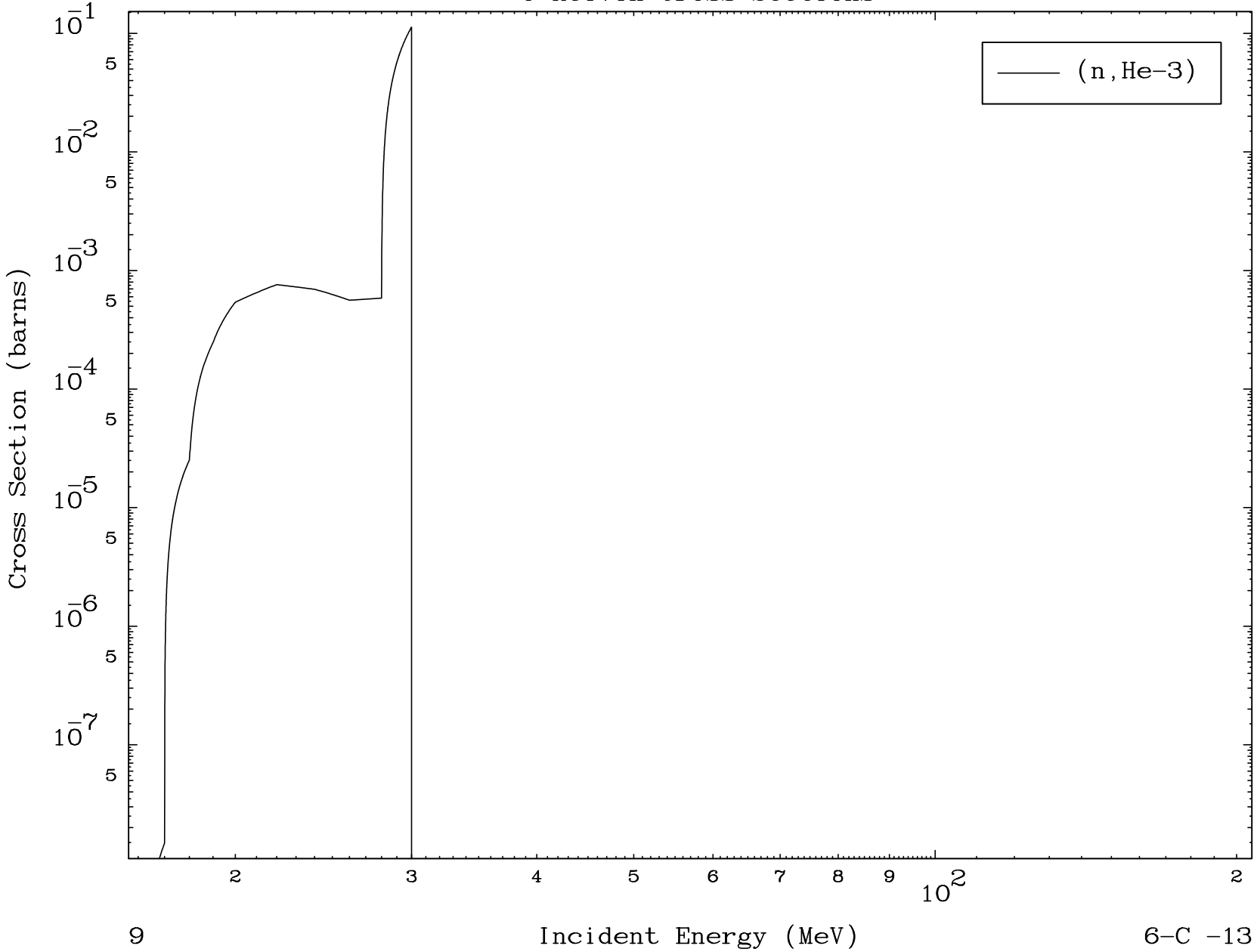

MAT 628
α Charged Particle
0 Kelvin Cross Sections
6-C -13
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α

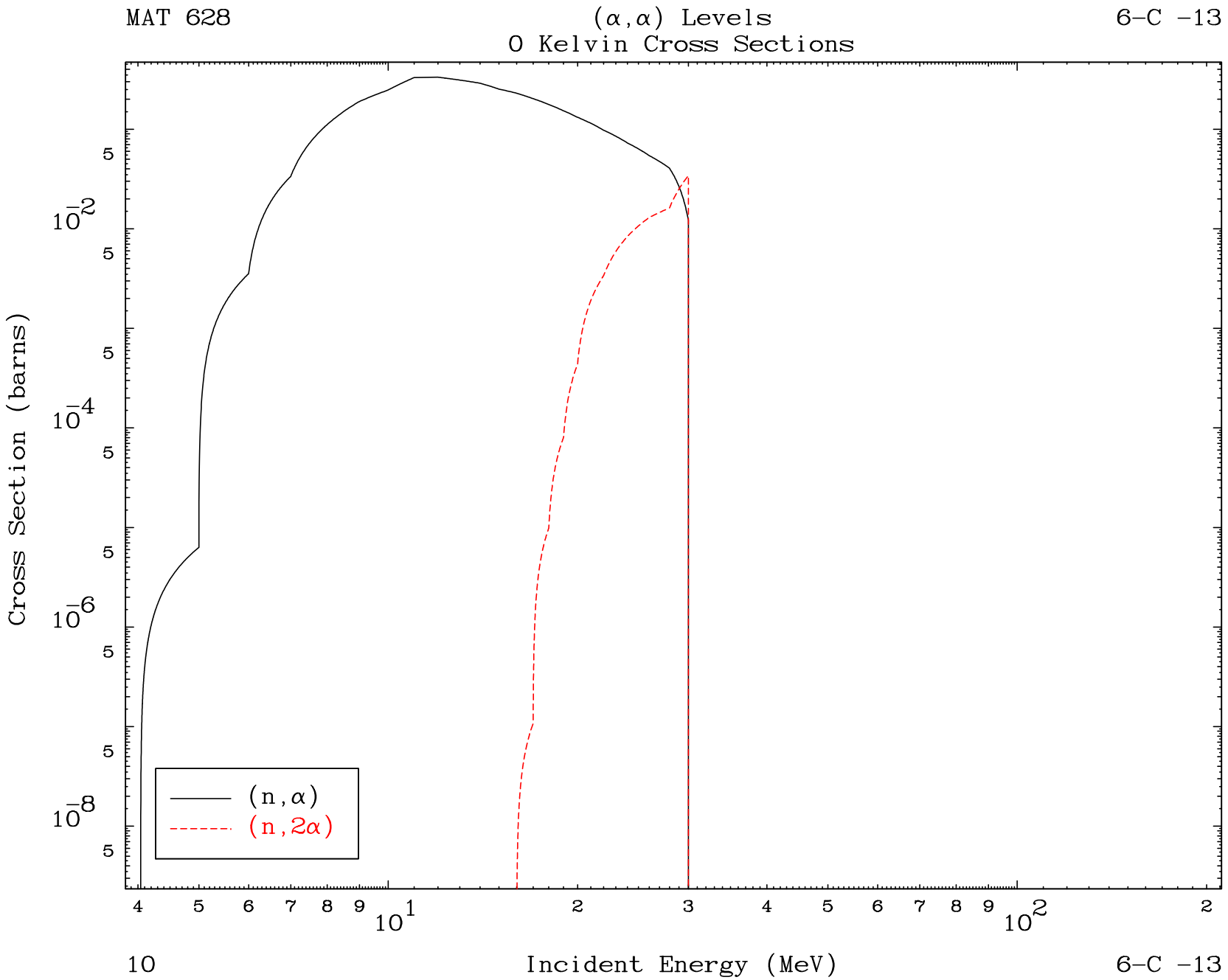

0 Kelvin Cross Sections
Cross Section (barns)
4
2
10-2
8
6
4
2
10-3
8
6
4
2
10-4
8
6
4
2
10-5
8
(n,p)
10^1
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


MAT 628
(α,d) Levels
6-C -13
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-3
3
2
9
8
7
6
5
4
3
2
9
8
7
10 1
2
3
4
5
6
7
8
9
10 2
2
7
Incident Energy (MeV)
6-C -13

0 Kelvin Cross Sections




0 Kelvin Cross Sections
Cross Section (barns)
Incident Energy (MeV)
(n,He-3)
10^-1
10^-2
10^-3
10^-4
10^-5
10^-6
10^-7
2
3
4
5
6
7
8
9
10^2
2


MAT 628
(α,α) Levels
6-C -13
0 Kelvin Cross Sections
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
(n,α)
(n,2α)
10^1
10^2
Incident Energy (MeV)
6-C -13