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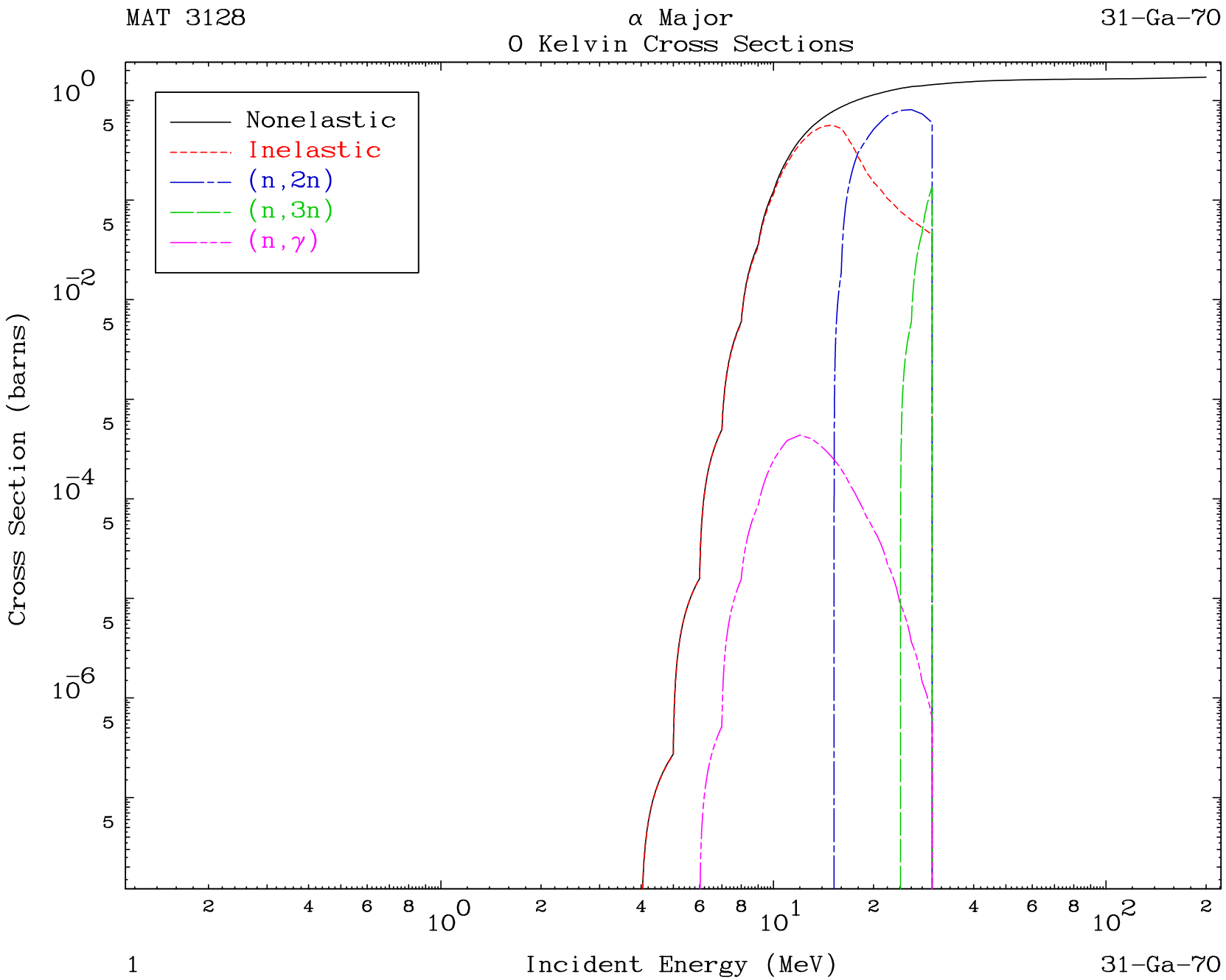
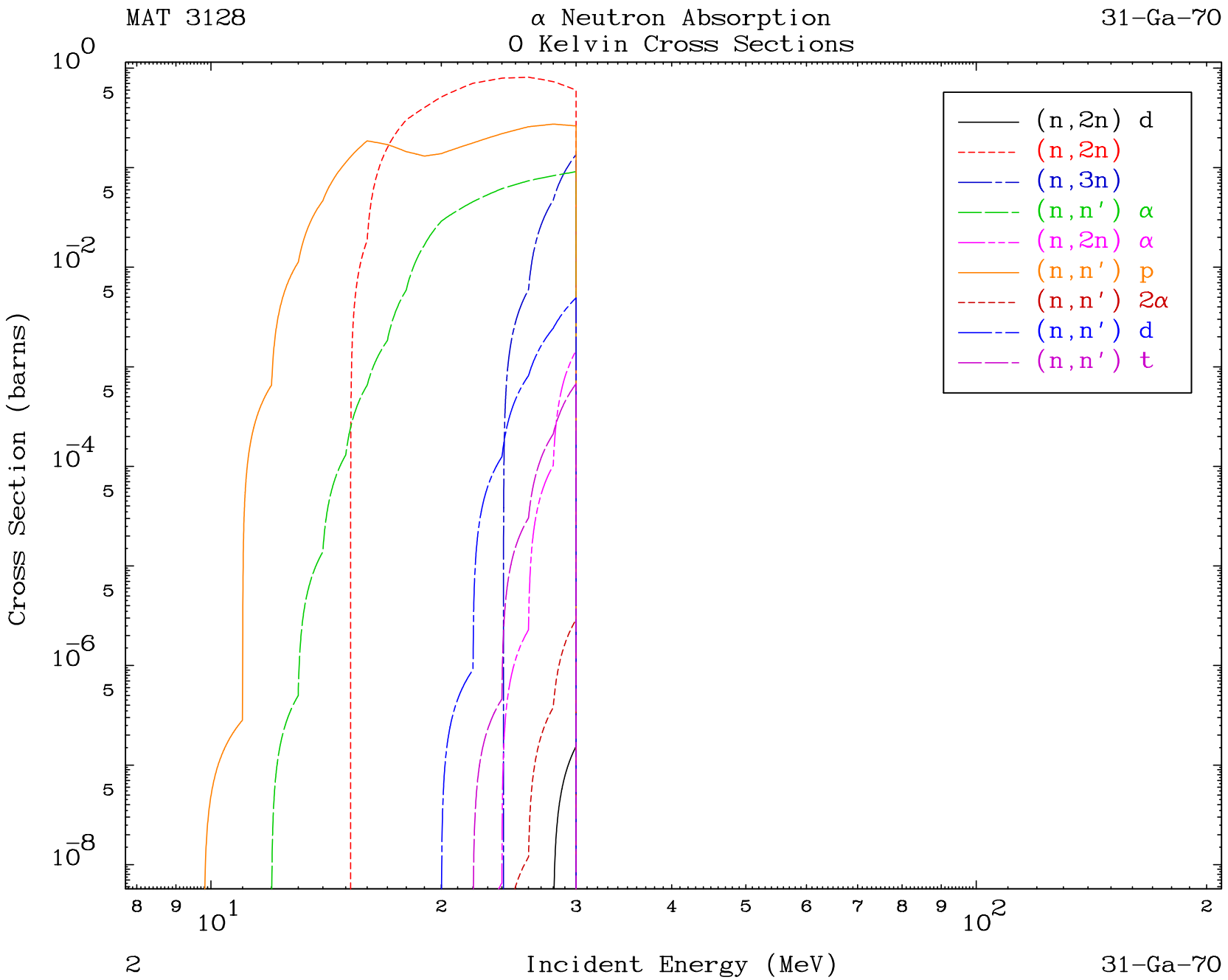
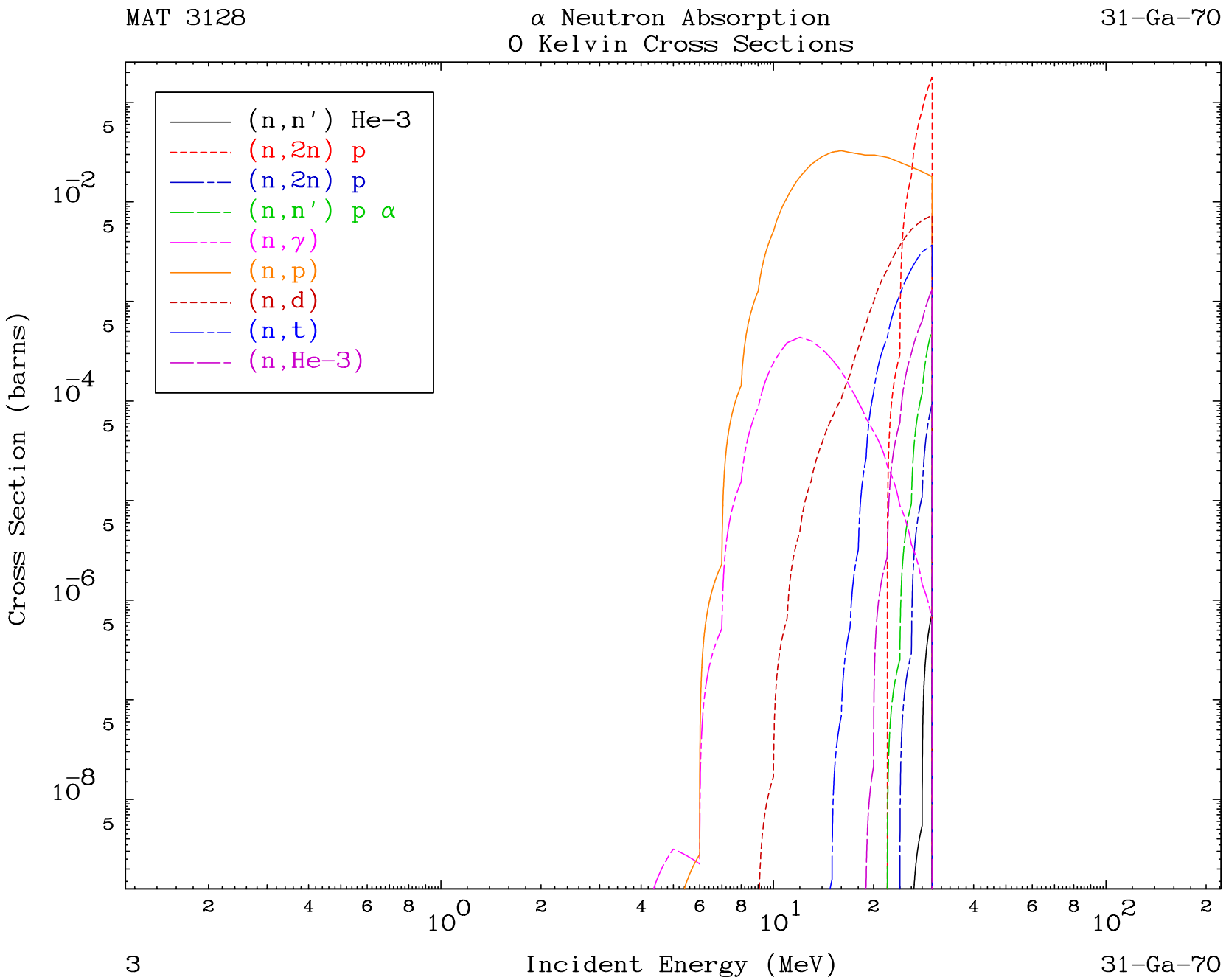
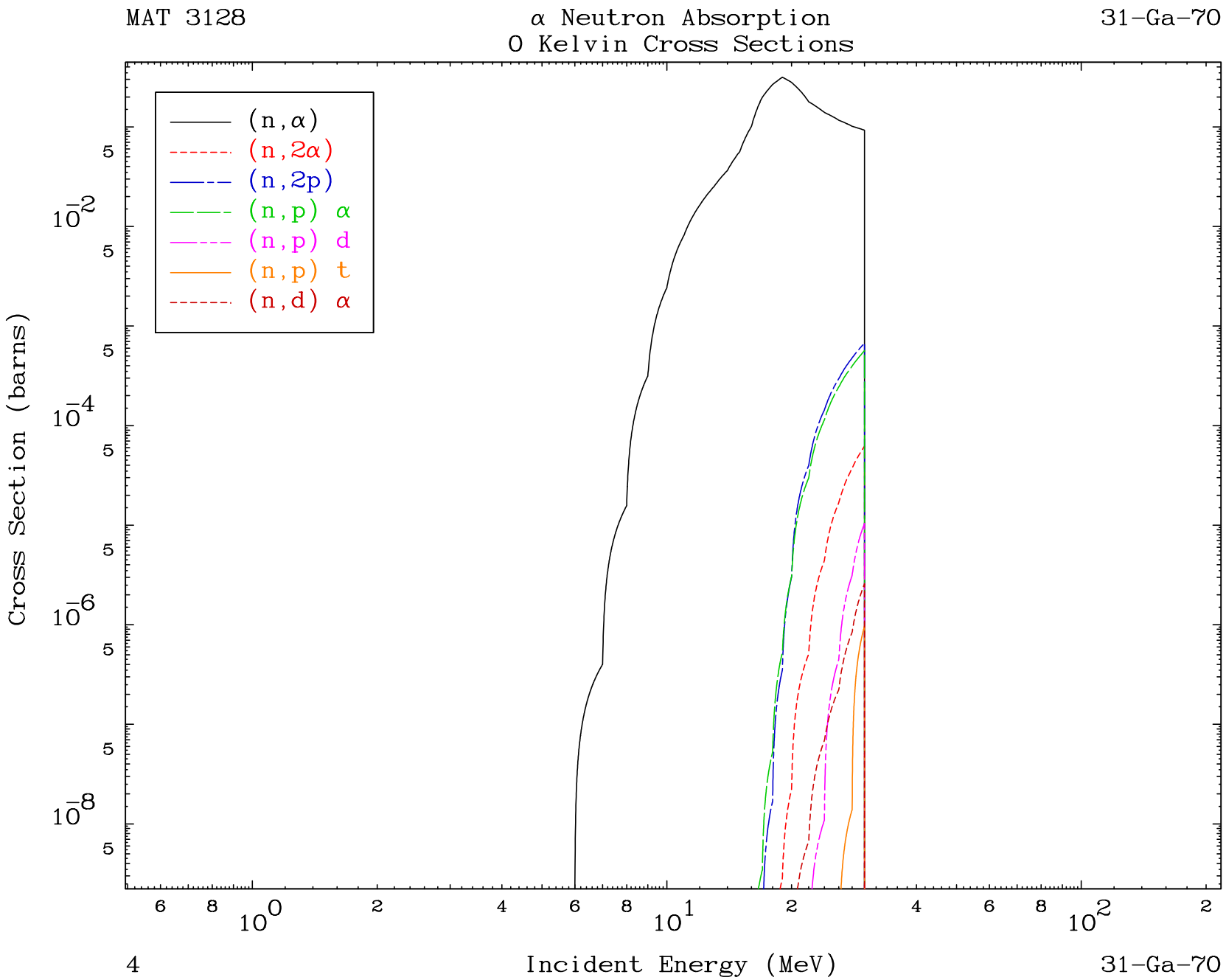
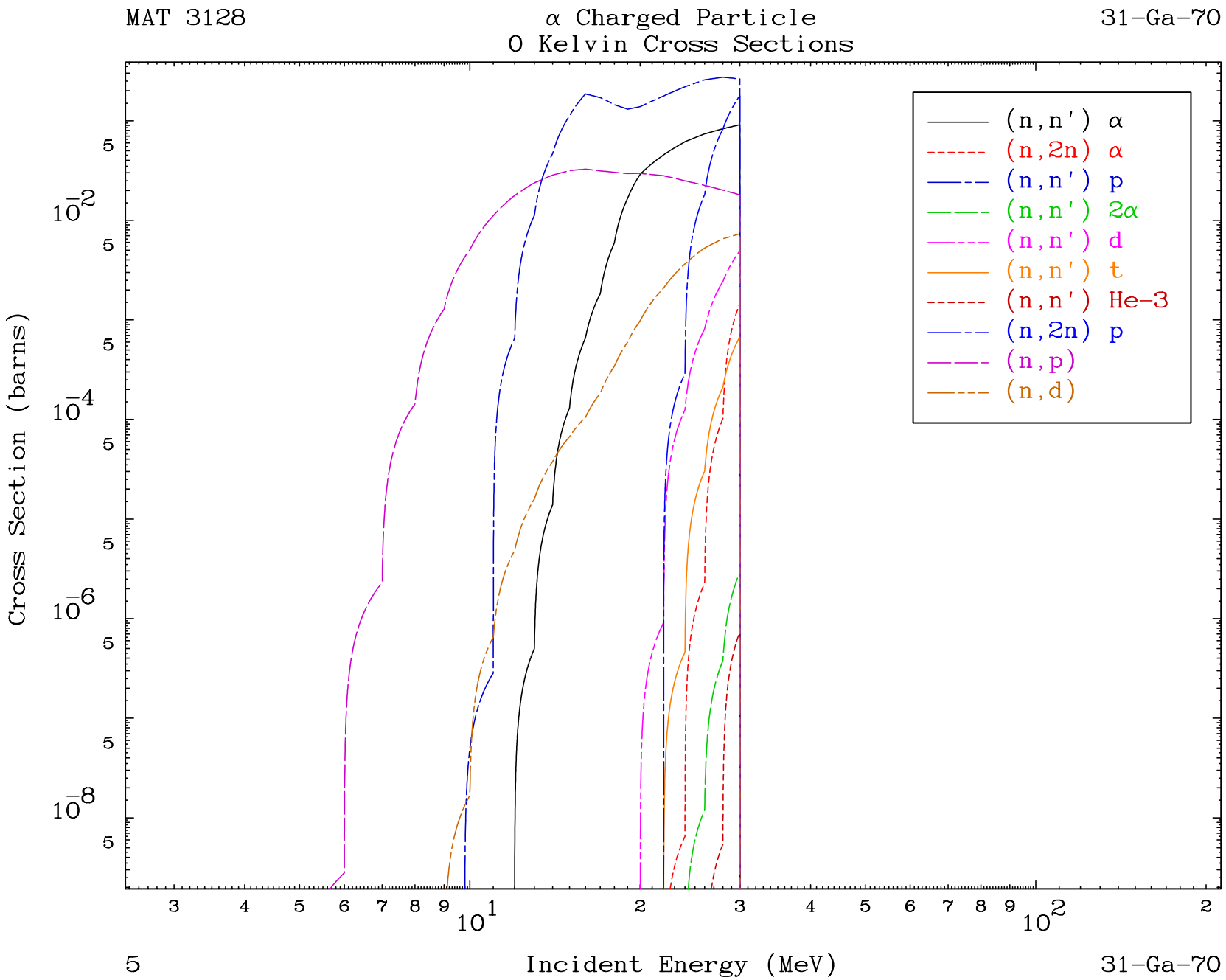
Press Mouse Button to Start

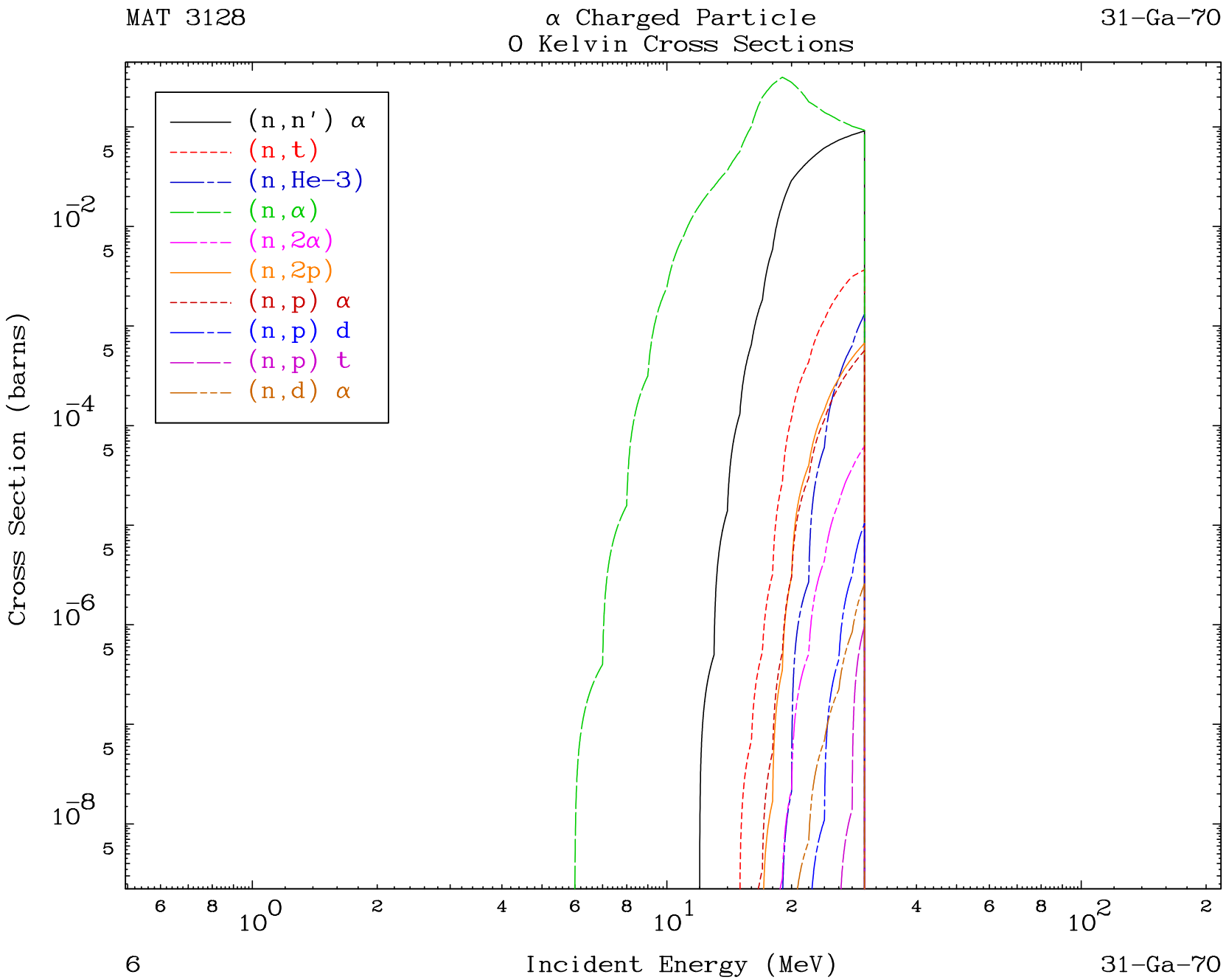

MAT 3128
α Major
31-Ga-70
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
31-Ga-70
1

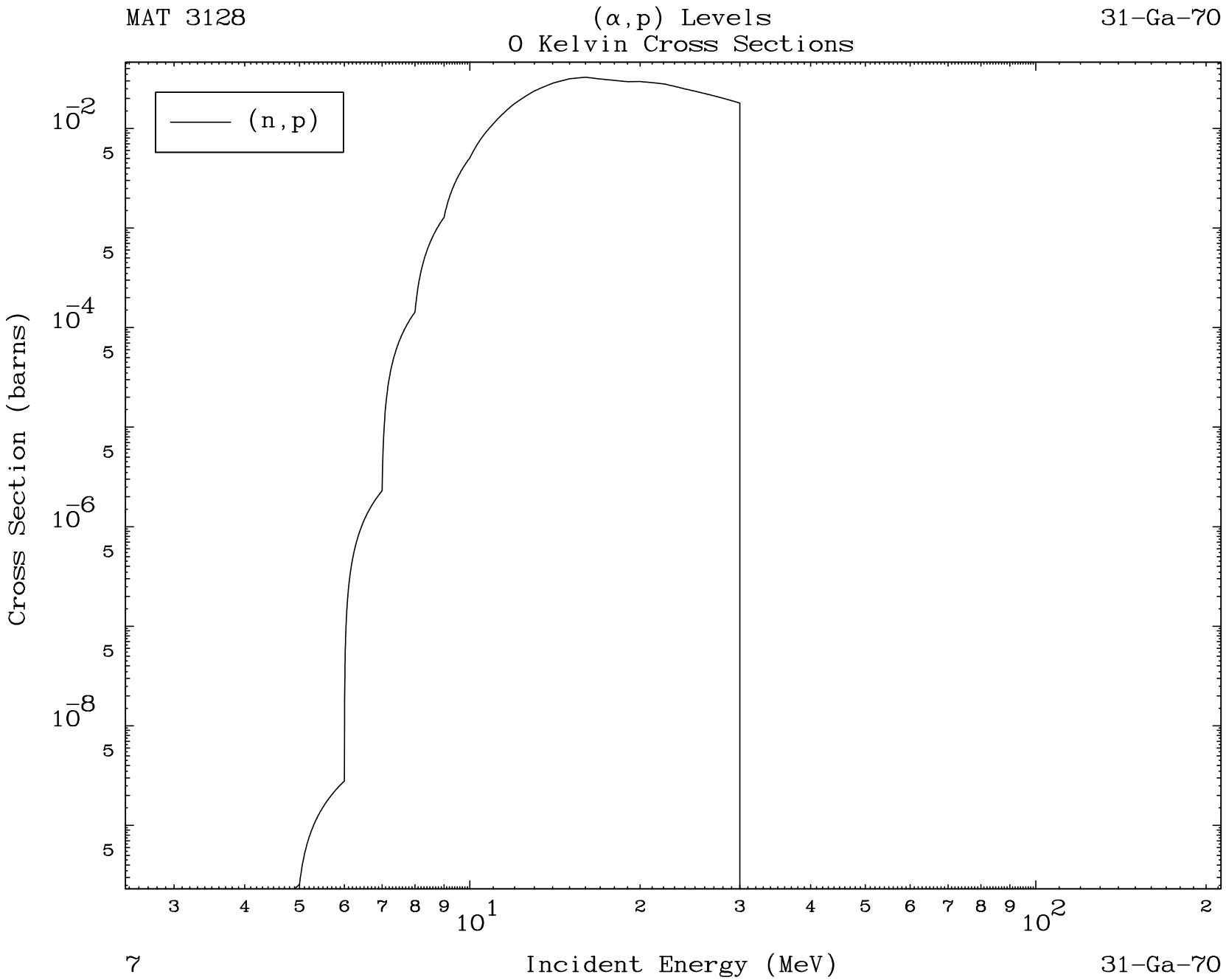

MAT 3128
α Neutron Absorption
0 Kelvin Cross Sections
31-Ga-70
Cross Section (barns)
Incident Energy (MeV)
31-Ga-70
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t

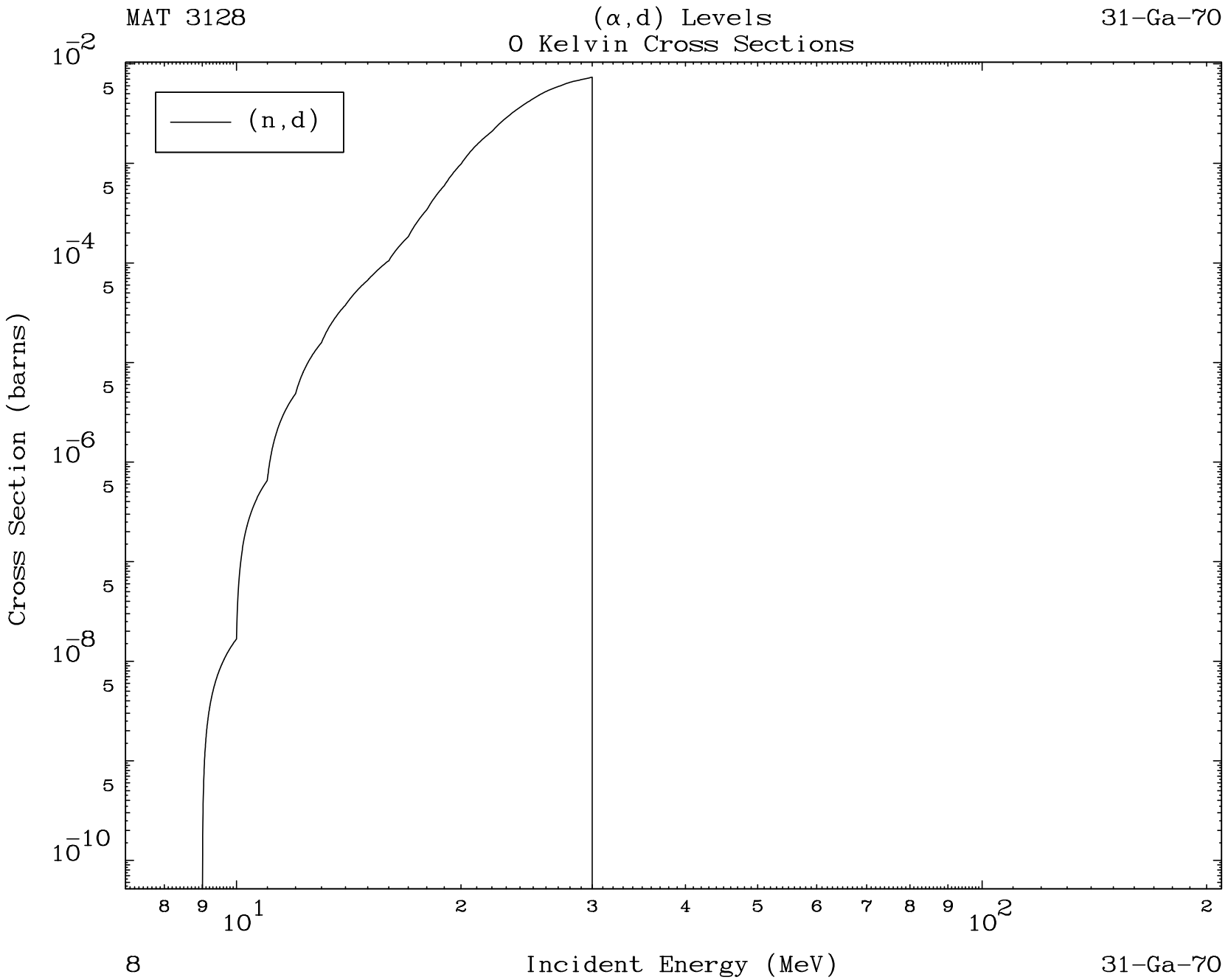

MAT 3128
α Neutron Absorption
0 Kelvin Cross Sections
31-Ga-70
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
31-Ga-70

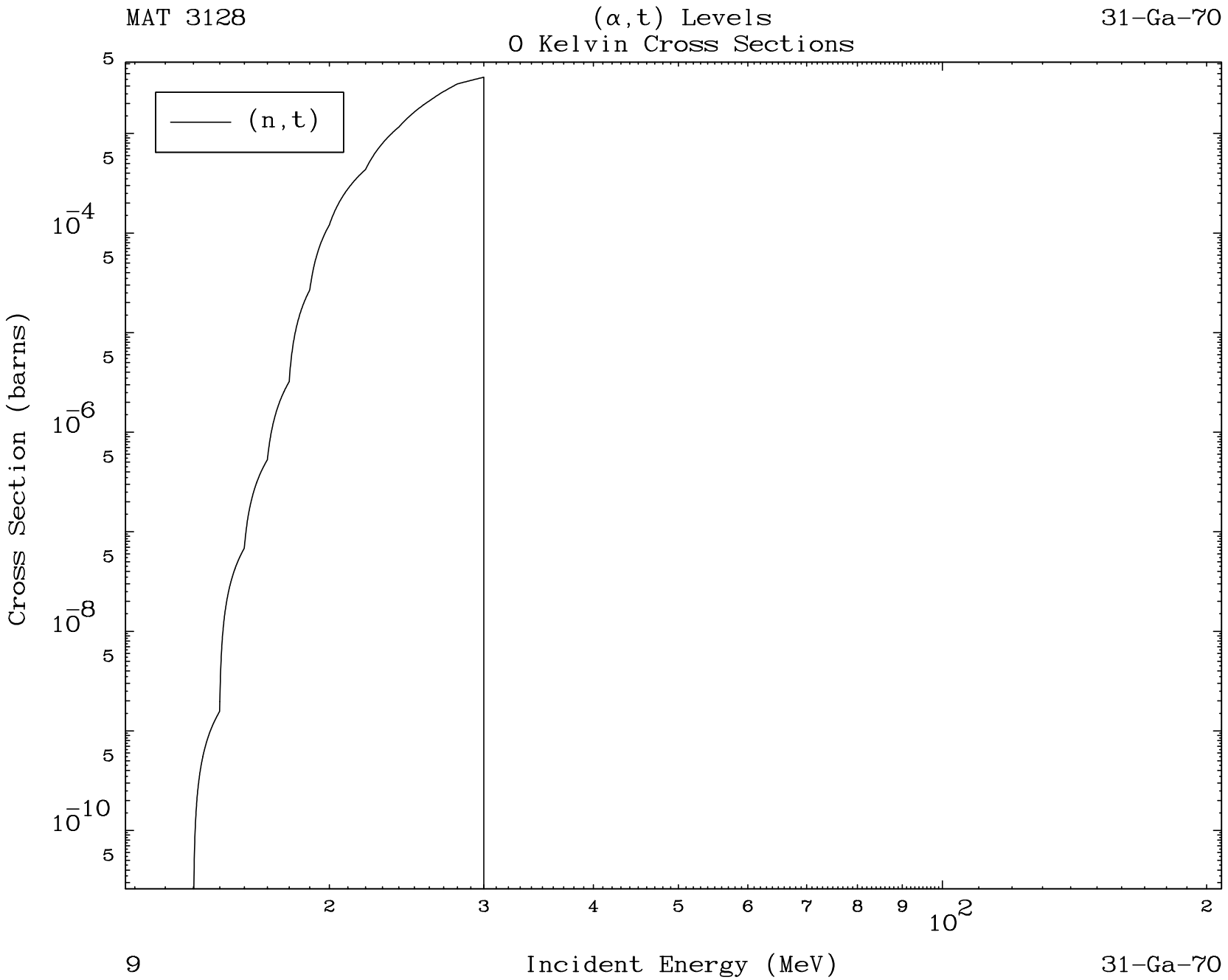

MAT 3128
α Neutron Absorption
0 Kelvin Cross Sections
31-Ga-70
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
31-Ga-70

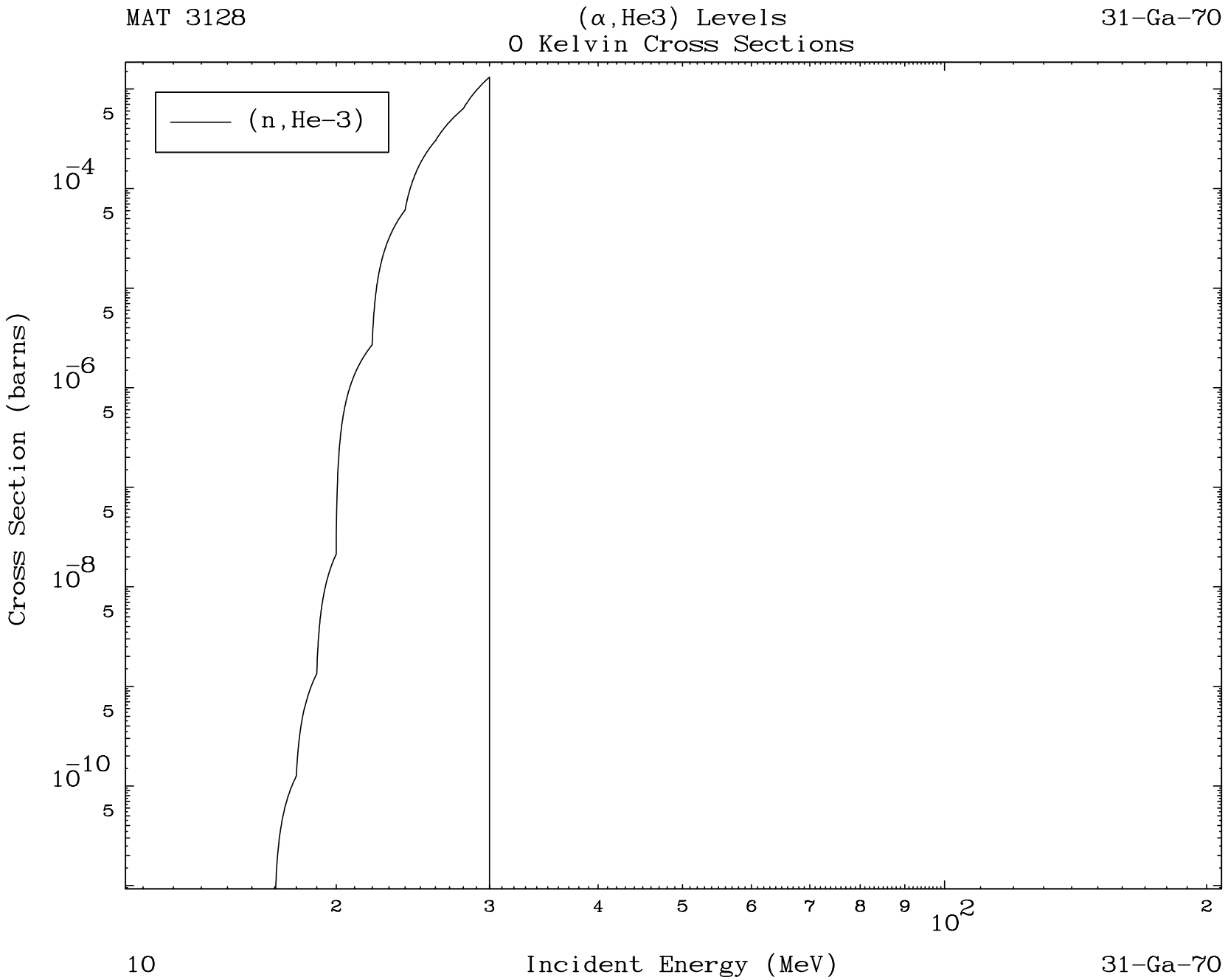

MAT 3128
α Charged Particle
0 Kelvin Cross Sections
31-Ga-70
Cross Section (barns)
10-2
10-4
10-6
10-8
5
3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
5
31-Ga-70
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,p)
(n,d)

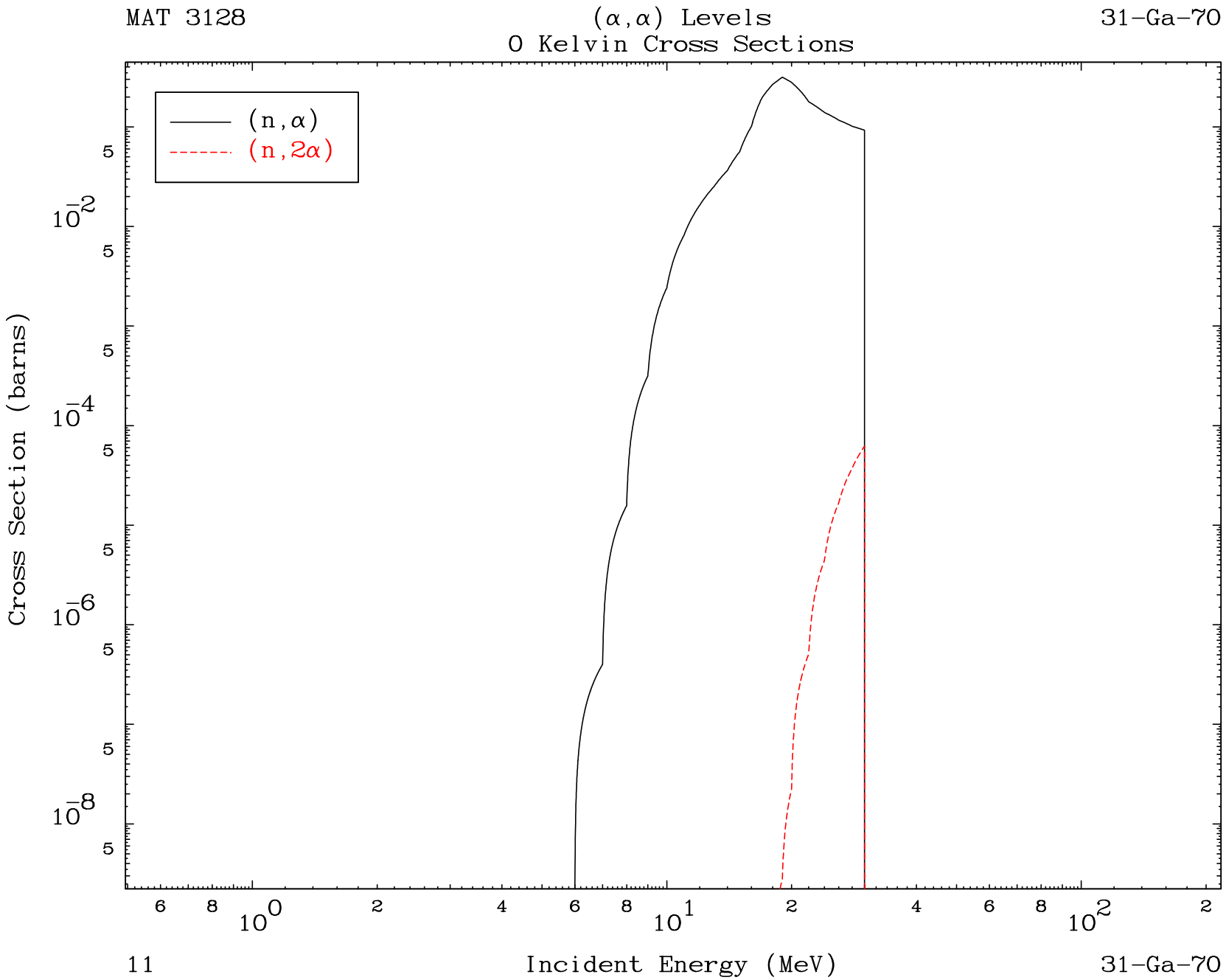

MAT 3128
α Charged Particle
0 Kelvin Cross Sections
31-Ga-70
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
31-Ga-70

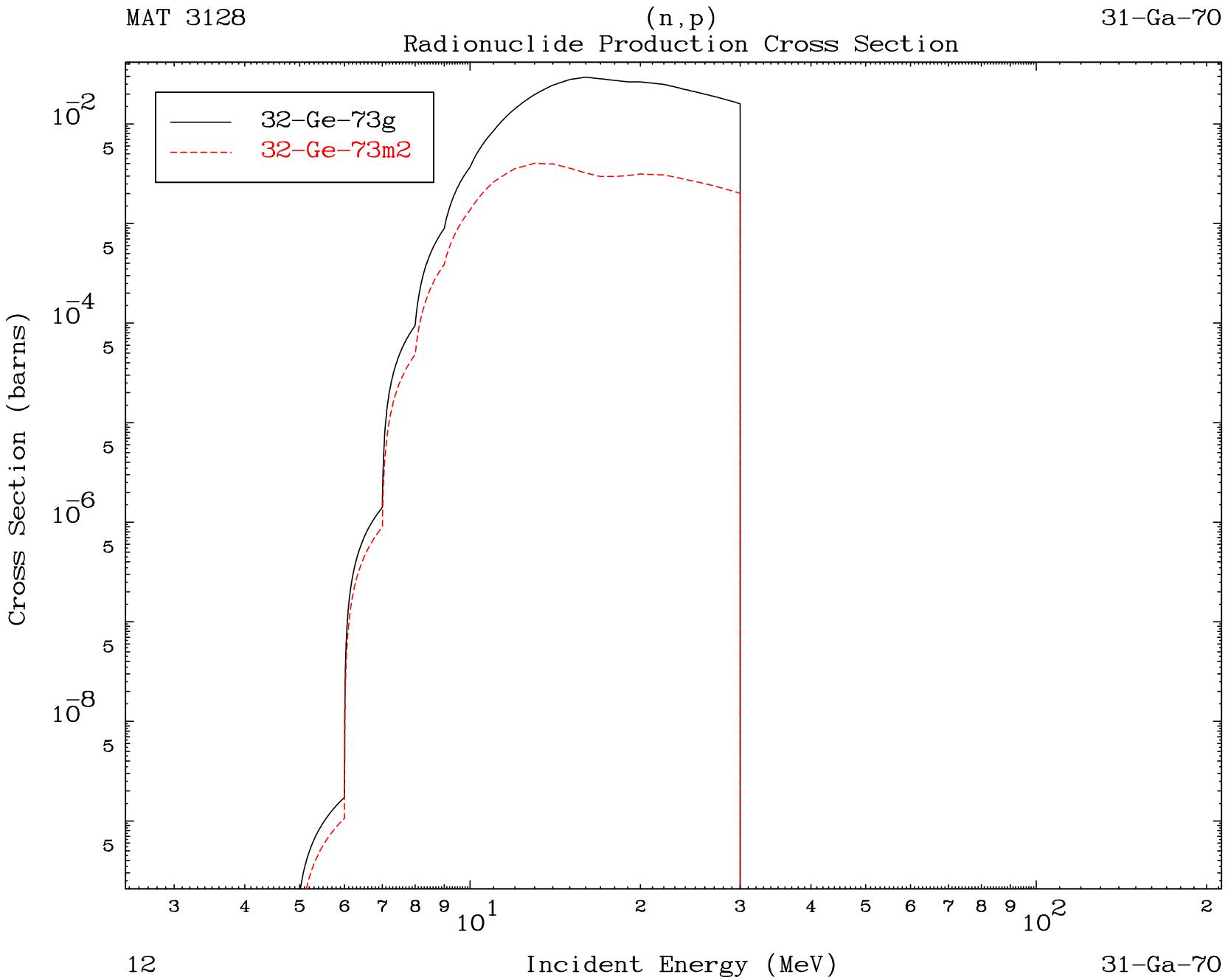

MAT 3128
(α,p) Levels
31-Ga-70
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
7
31-Ga-70

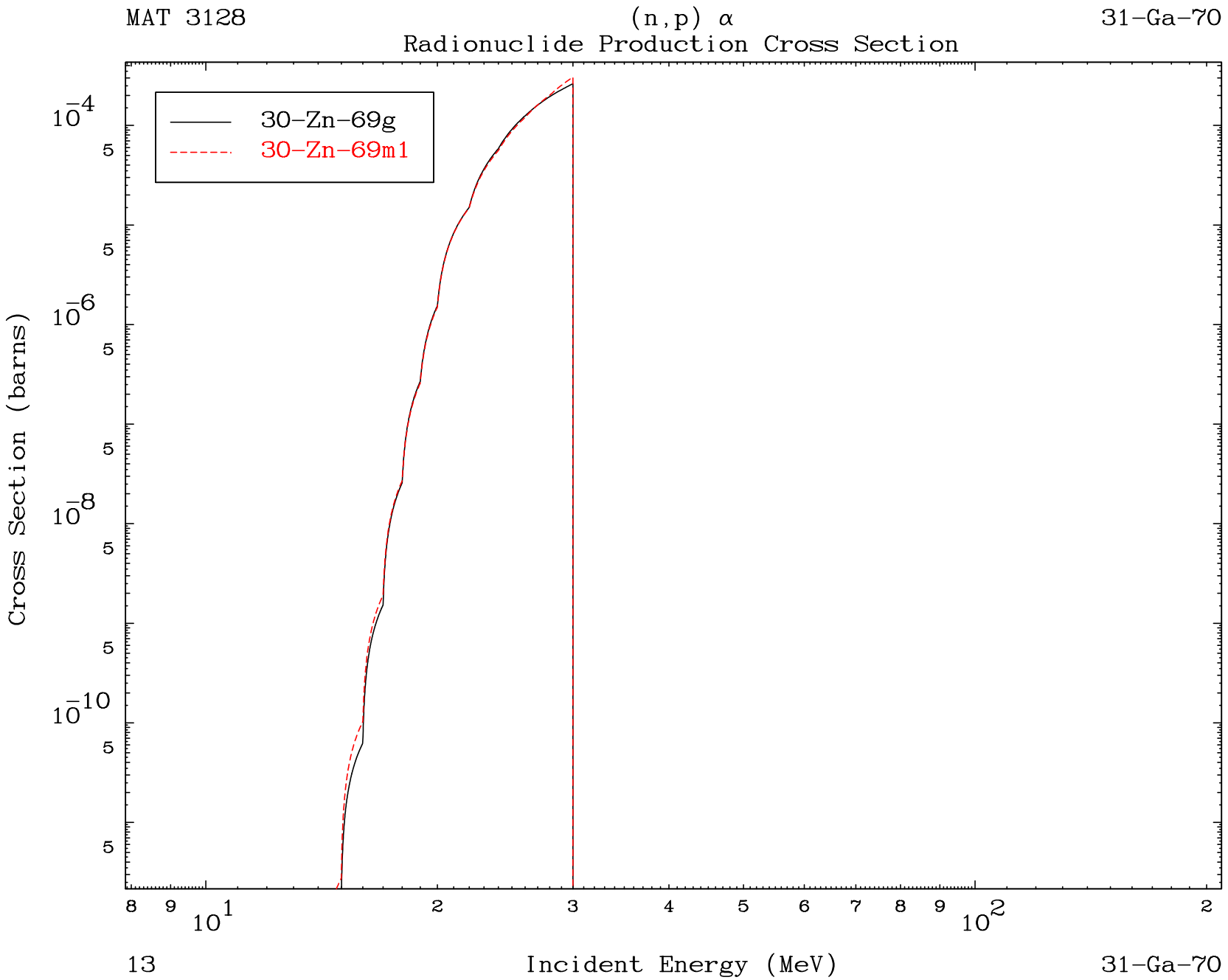

MAT 3128
(α,d) Levels
31-Ga-70
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
31-Ga-70
8


MAT 3128
(α,t) Levels
31-Ga-70
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
31-Ga-70


MAT 3128
(α,He3) Levels
31-Ga-70
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
31-Ga-70


MAT 3128
(α,α) Levels
0 Kelvin Cross Sections
31-Ga-70
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
31-Ga-70


MAT 3128
(n,p)
31-Ga-70
Radionuclide Production Cross Section
32-Ge-73g
32-Ge-73m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
12
Incident Energy (MeV)
31-Ga-70


MAT 3128
(n,p) α
31-Ga-70
Radionuclide Production Cross Section
30-Zn-69g
30-Zn-69m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
13
31-Ga-70