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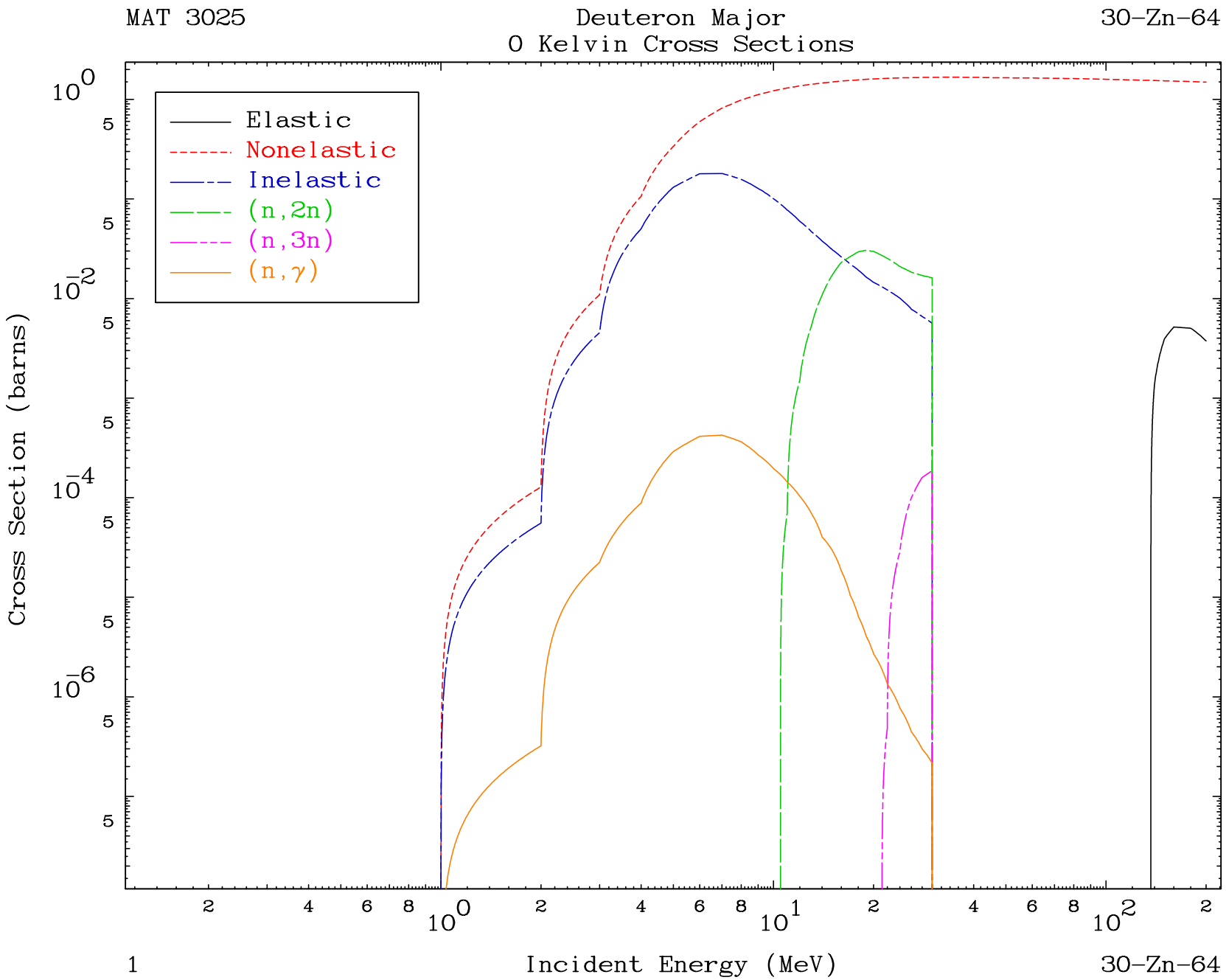
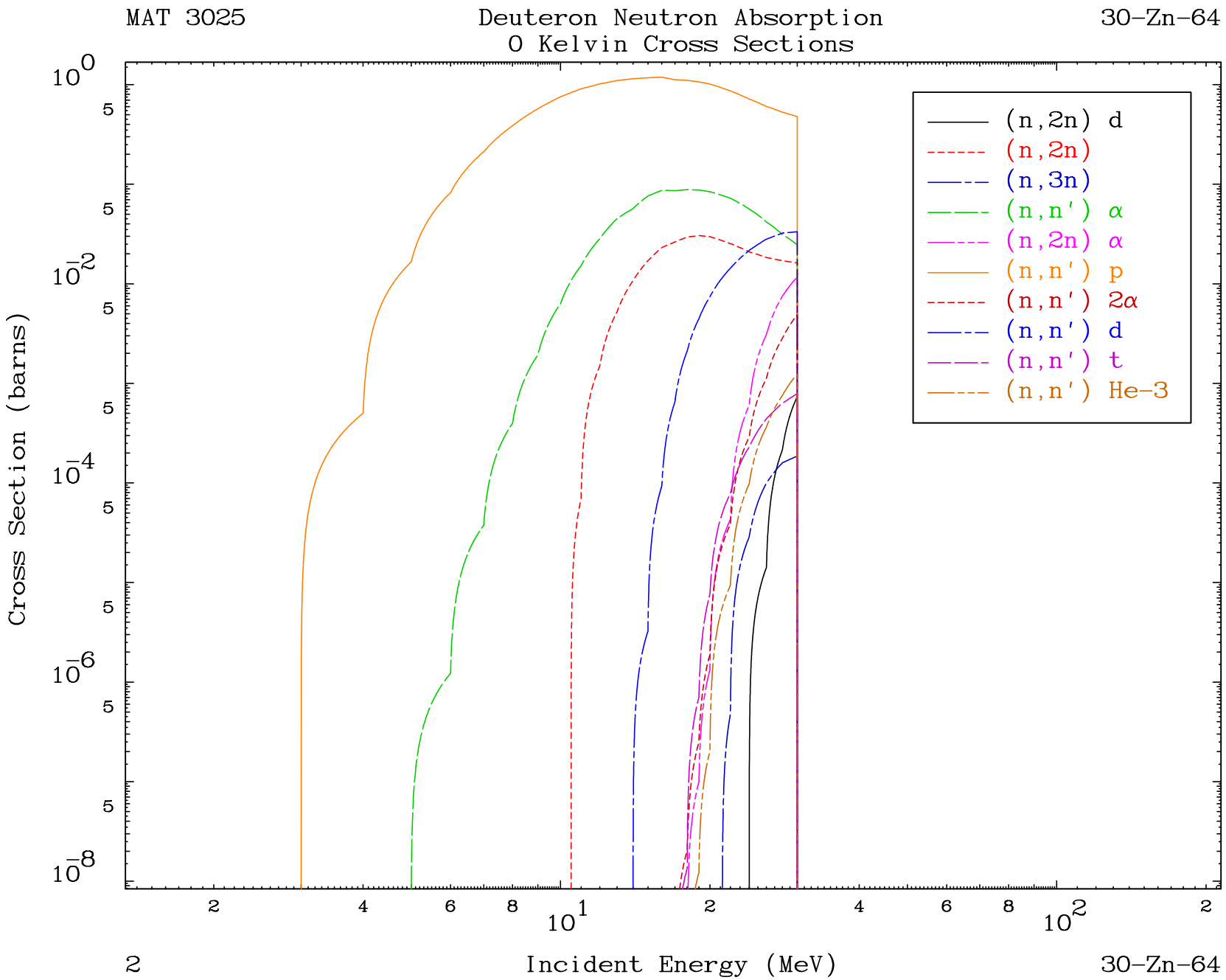
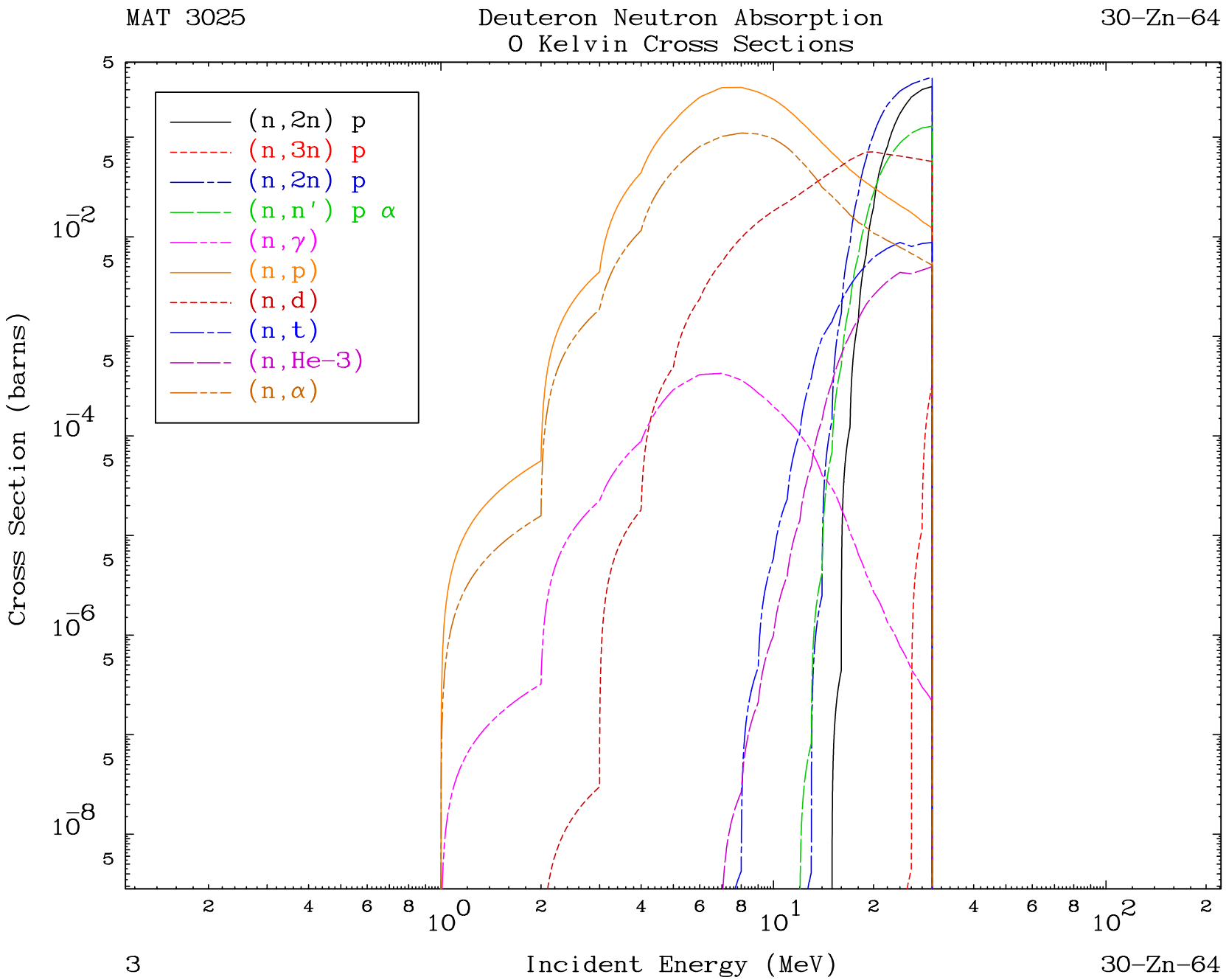
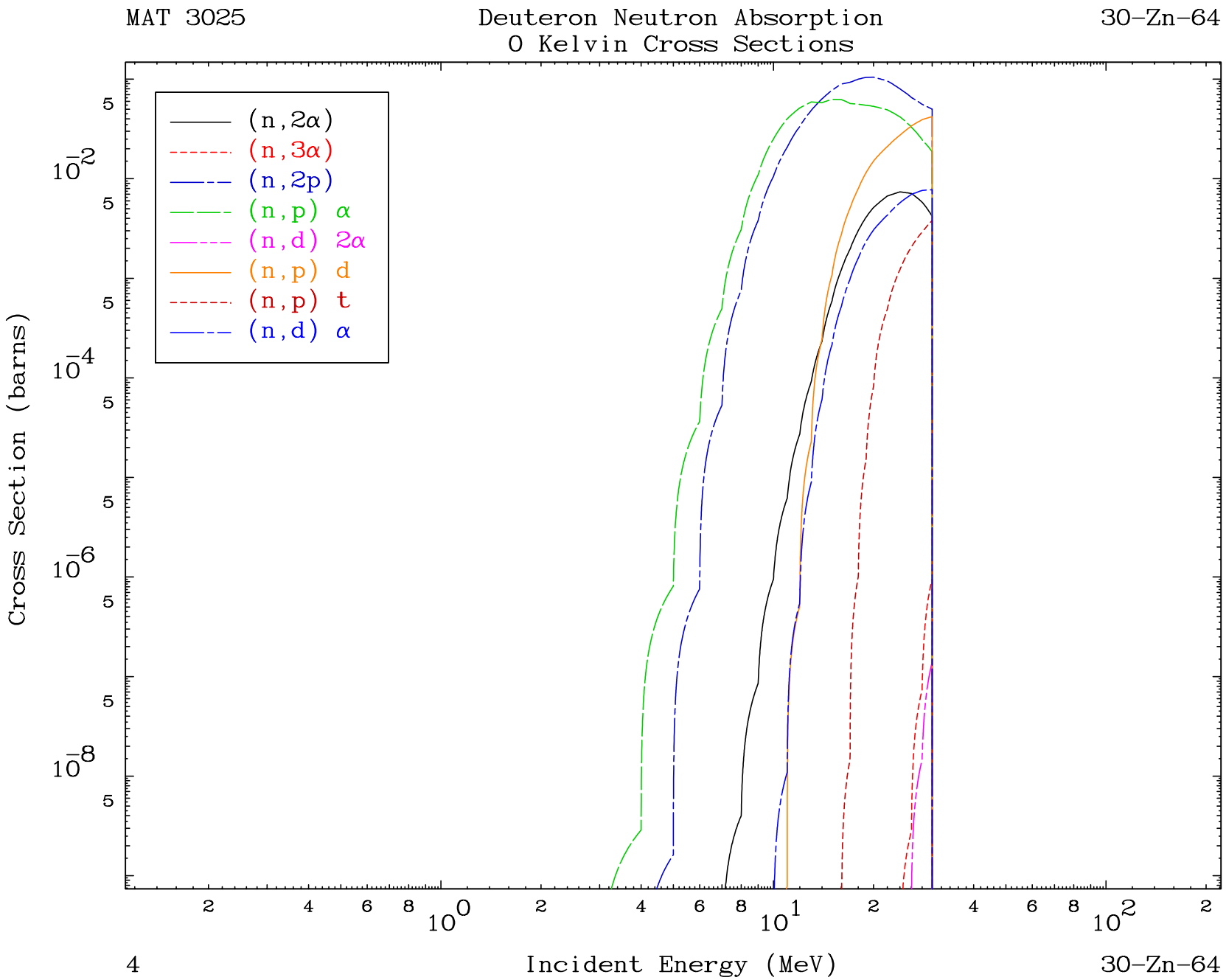
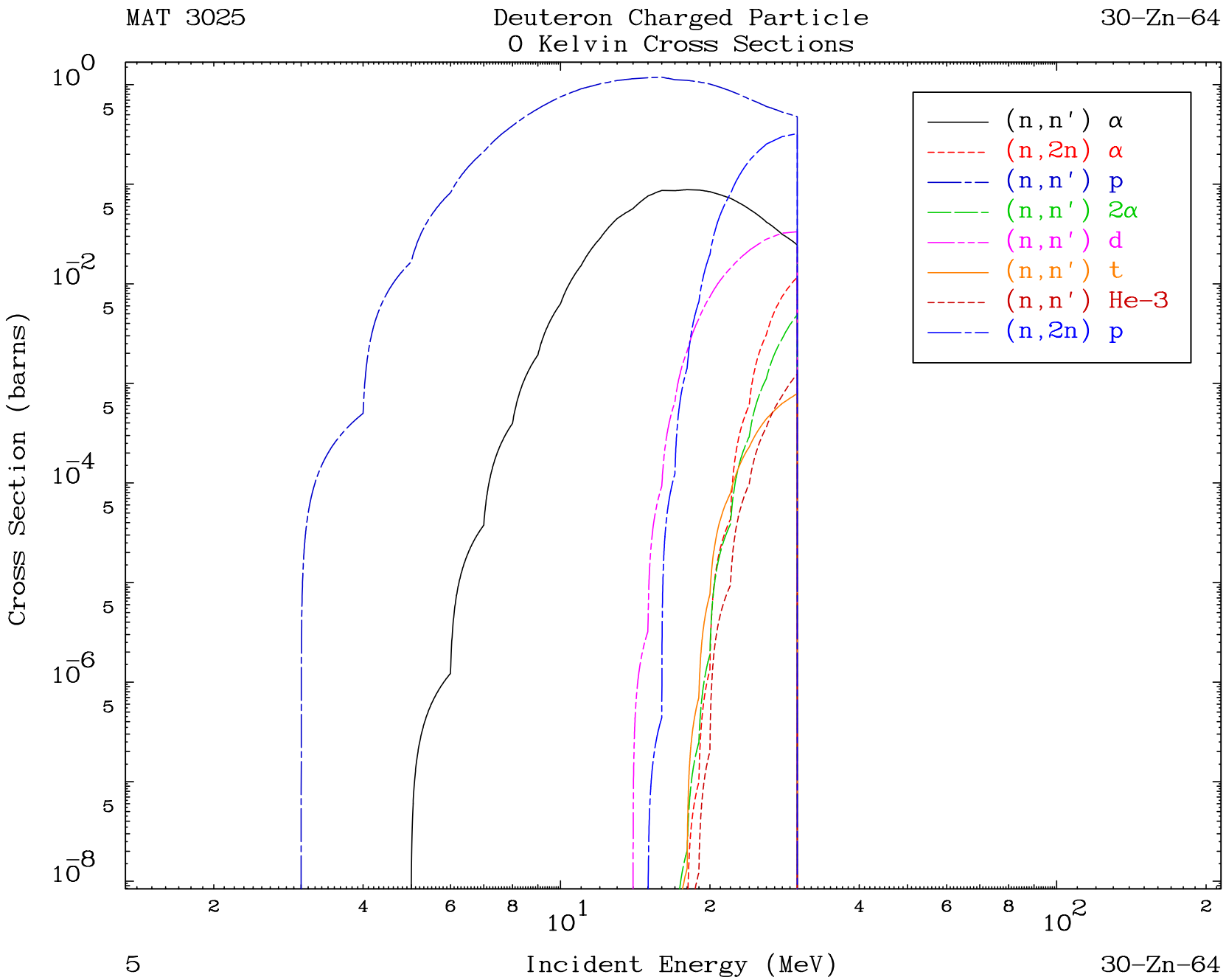
Press Mouse Button to Start

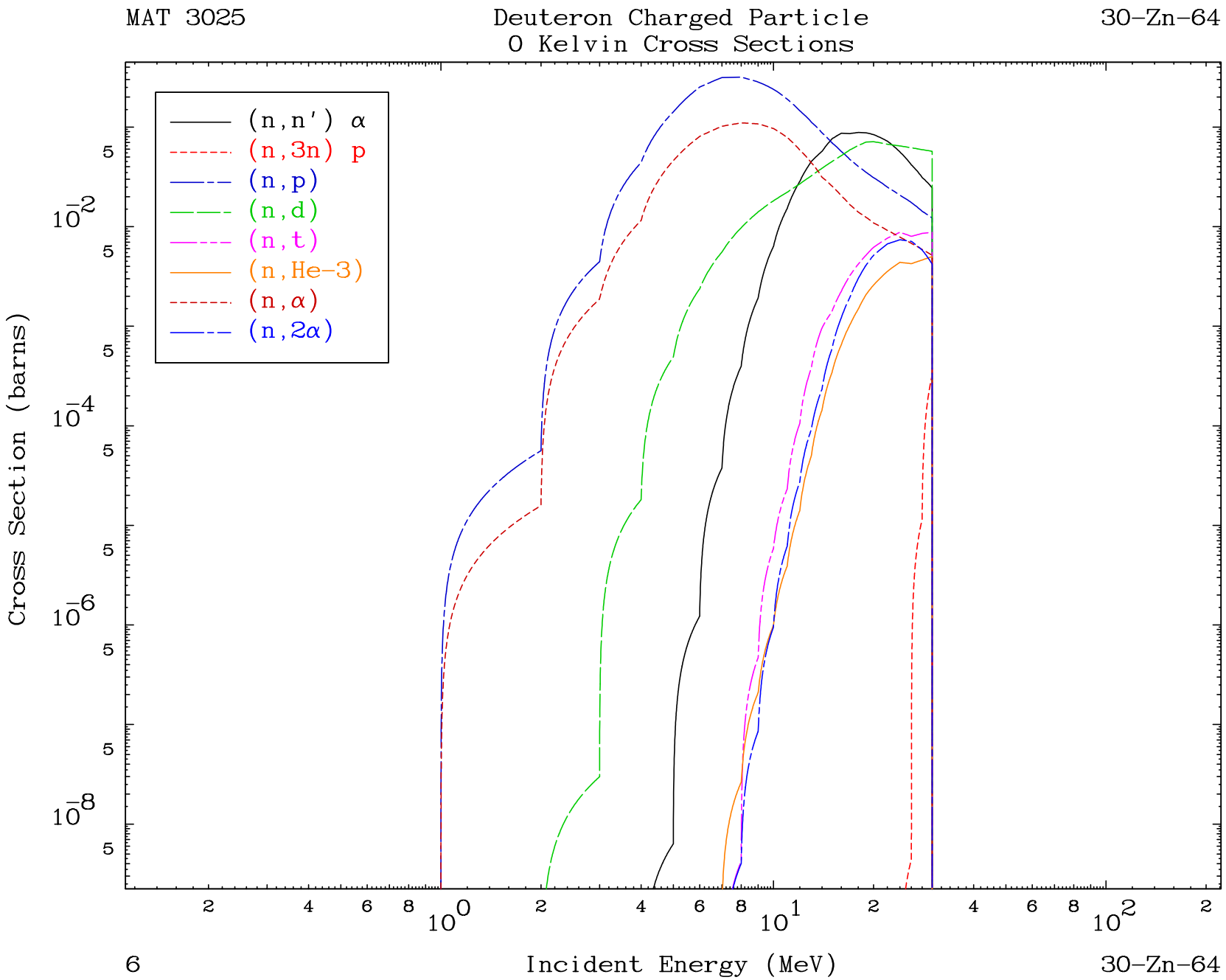

MAT 3025
Deuteron Major
30-Zn-64
0 Kelvin Cross Sections
Elastic
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
30-Zn-64
1

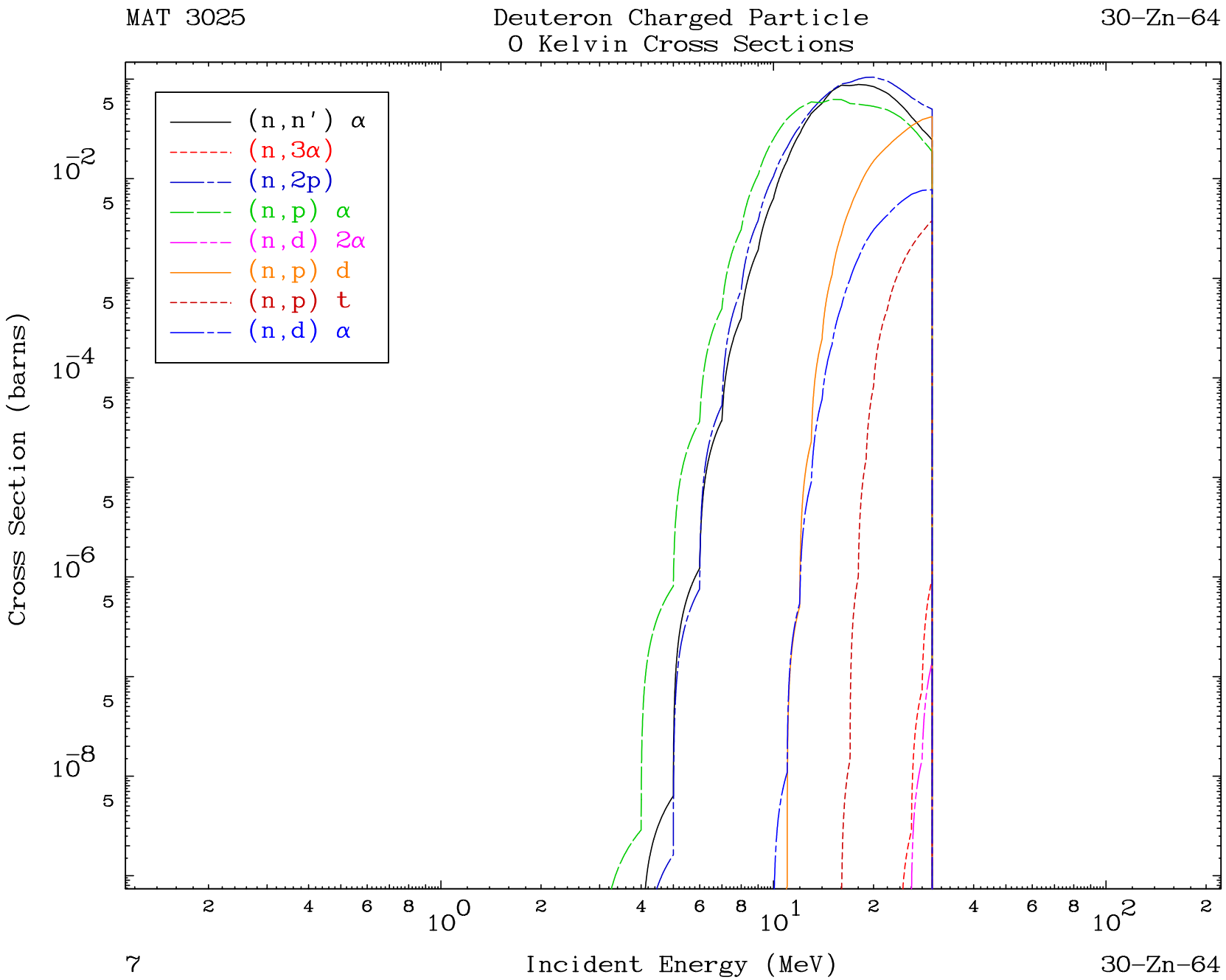

MAT 3025
Deuteron Neutron Absorption
0 Kelvin Cross Sections
30-Zn-64
Cross Section (barns)
Incident Energy (MeV)
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3

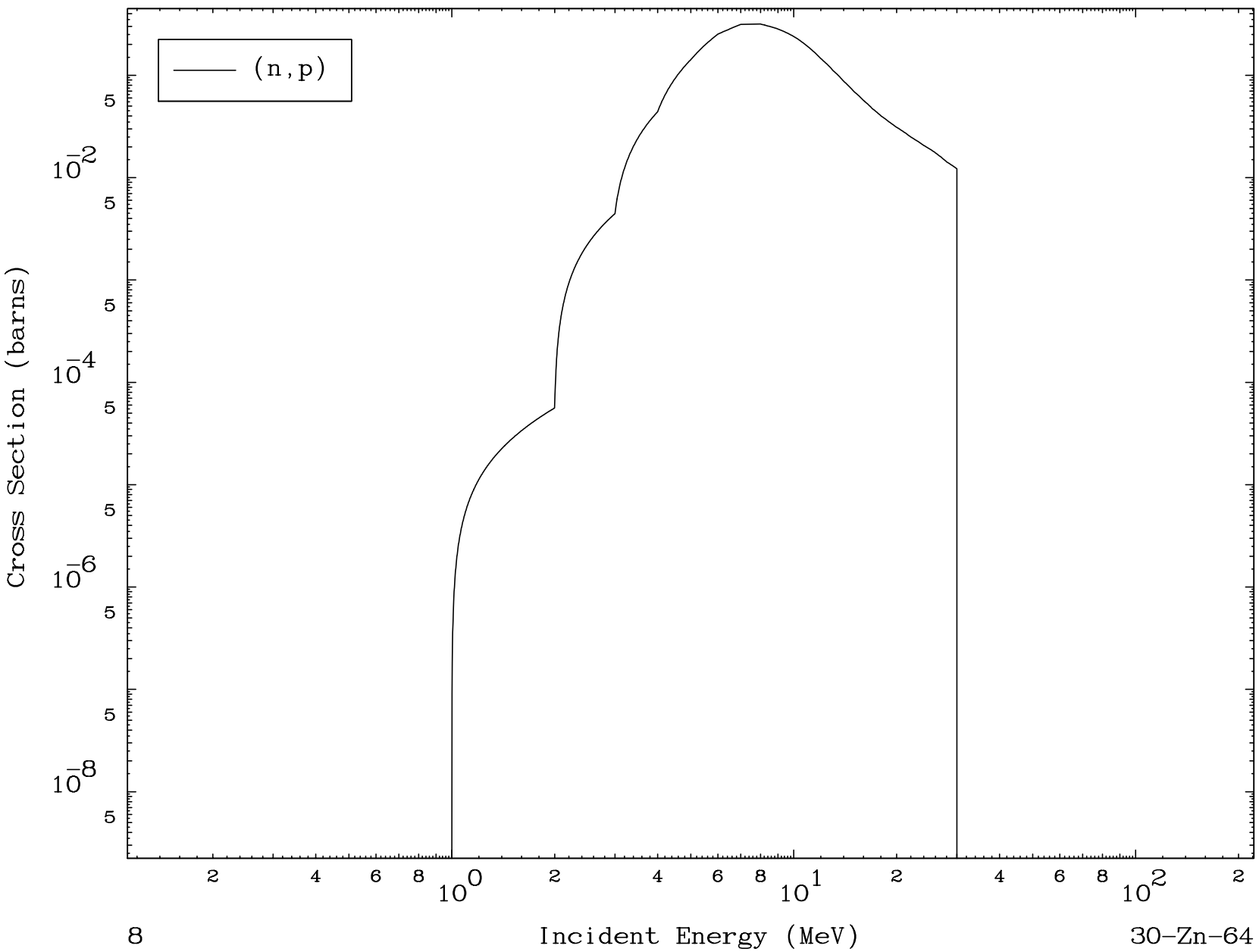

MAT 3025
Deuteron Neutron Absorption
0 Kelvin Cross Sections
30-Zn-64
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
30-Zn-64

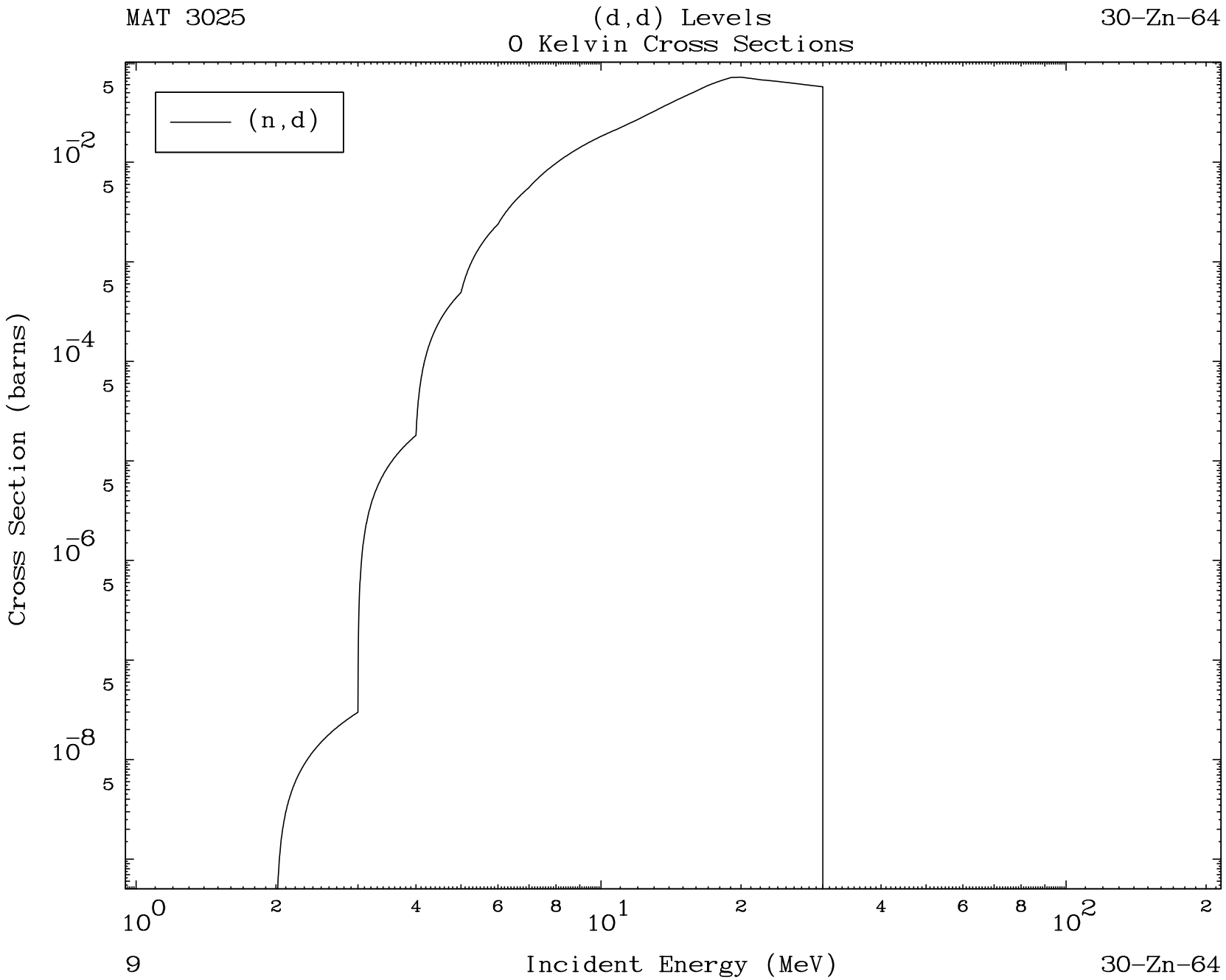

MAT 3025
Deuteron Neutron Absorption
0 Kelvin Cross Sections
30-Zn-64
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
10-2
10-4
10-6
10-8
10 0
10 1
10 2
Incident Energy (MeV)
4
30-Zn-64

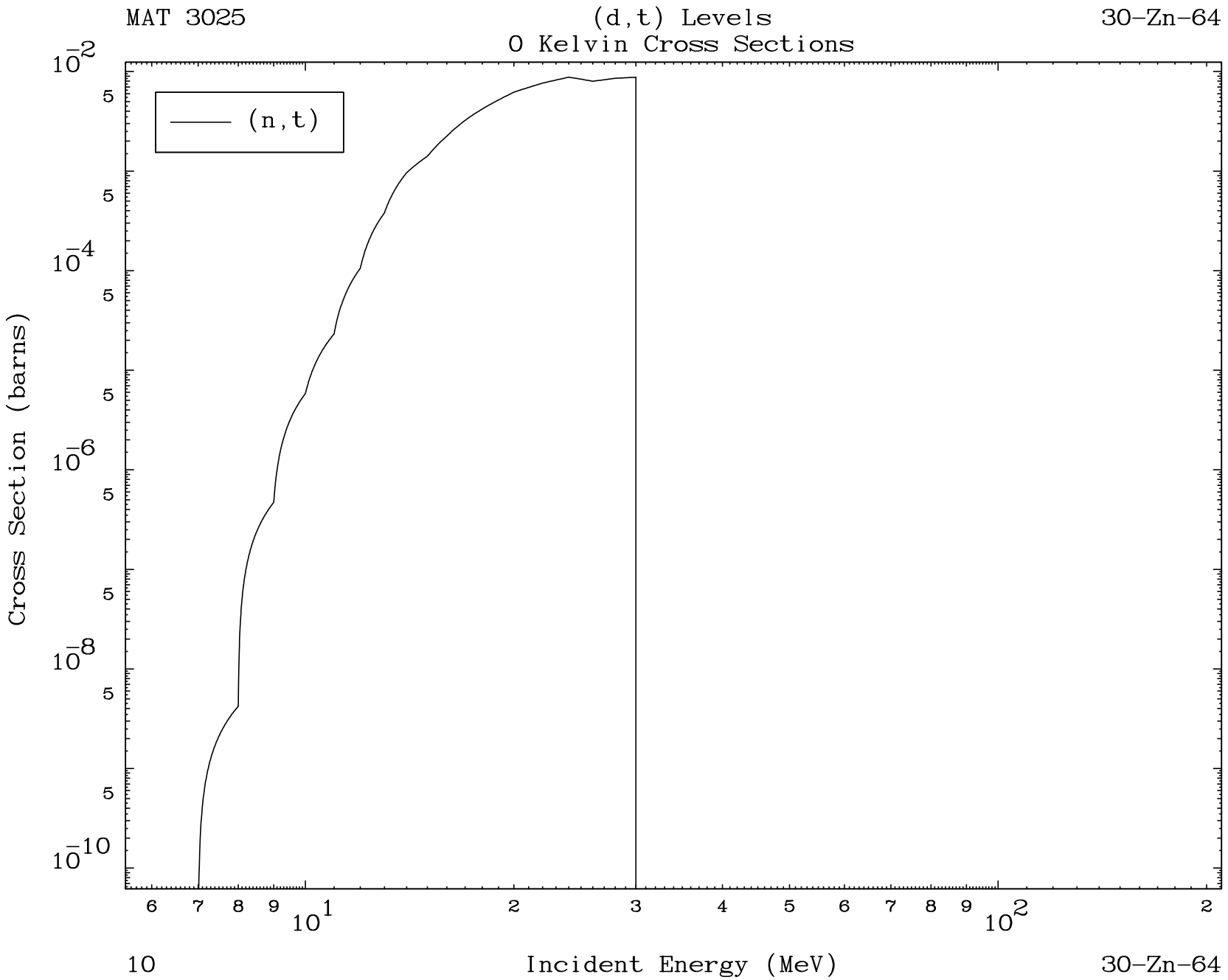

MAT 3025
Deuteron Charged Particle
0 Kelvin Cross Sections
30-Zn-64
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
5
30-Zn-64

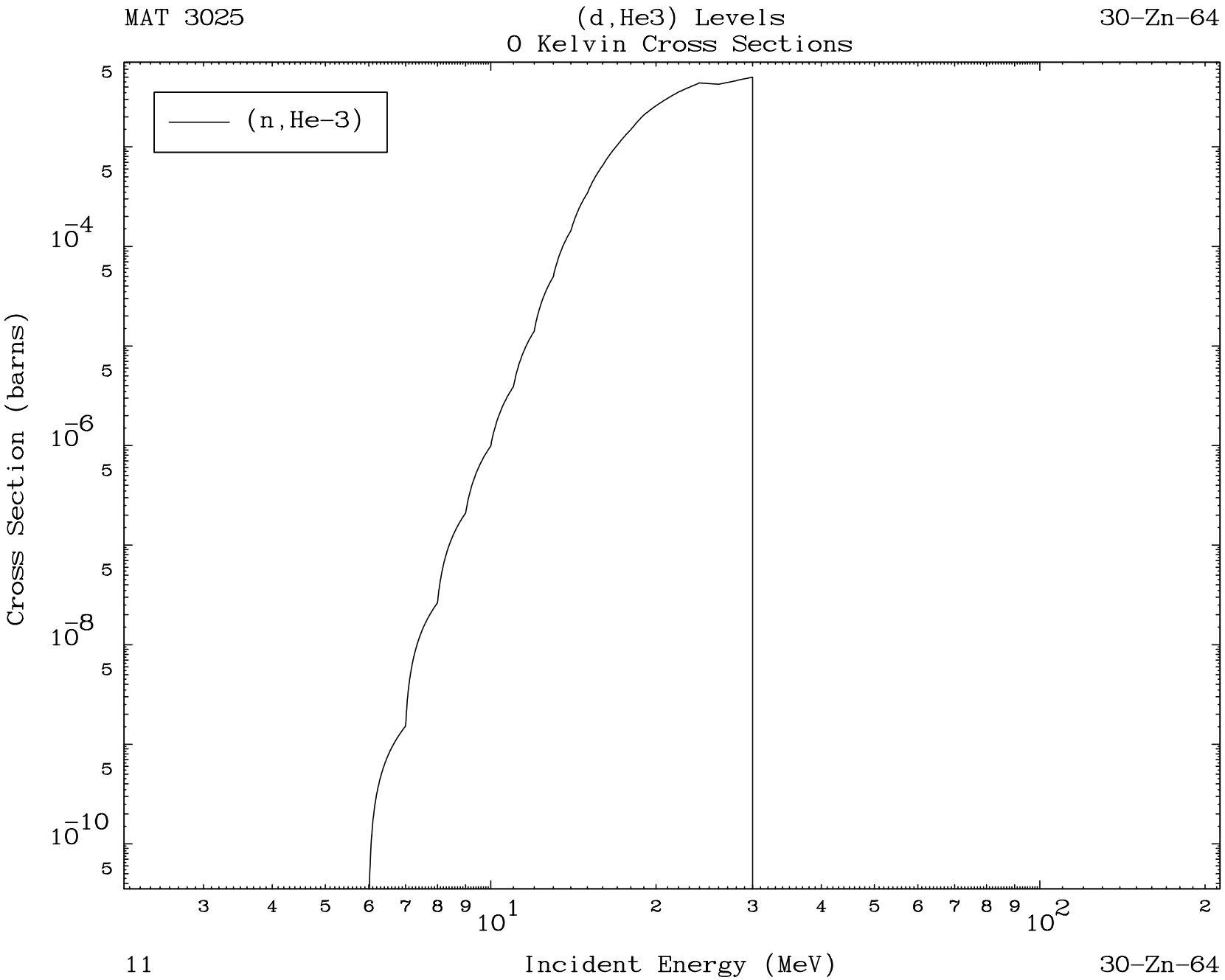

MAT 3025
Deuteron Charged Particle
0 Kelvin Cross Sections
30-Zn-64
(n,n') α
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
6
30-Zn-64

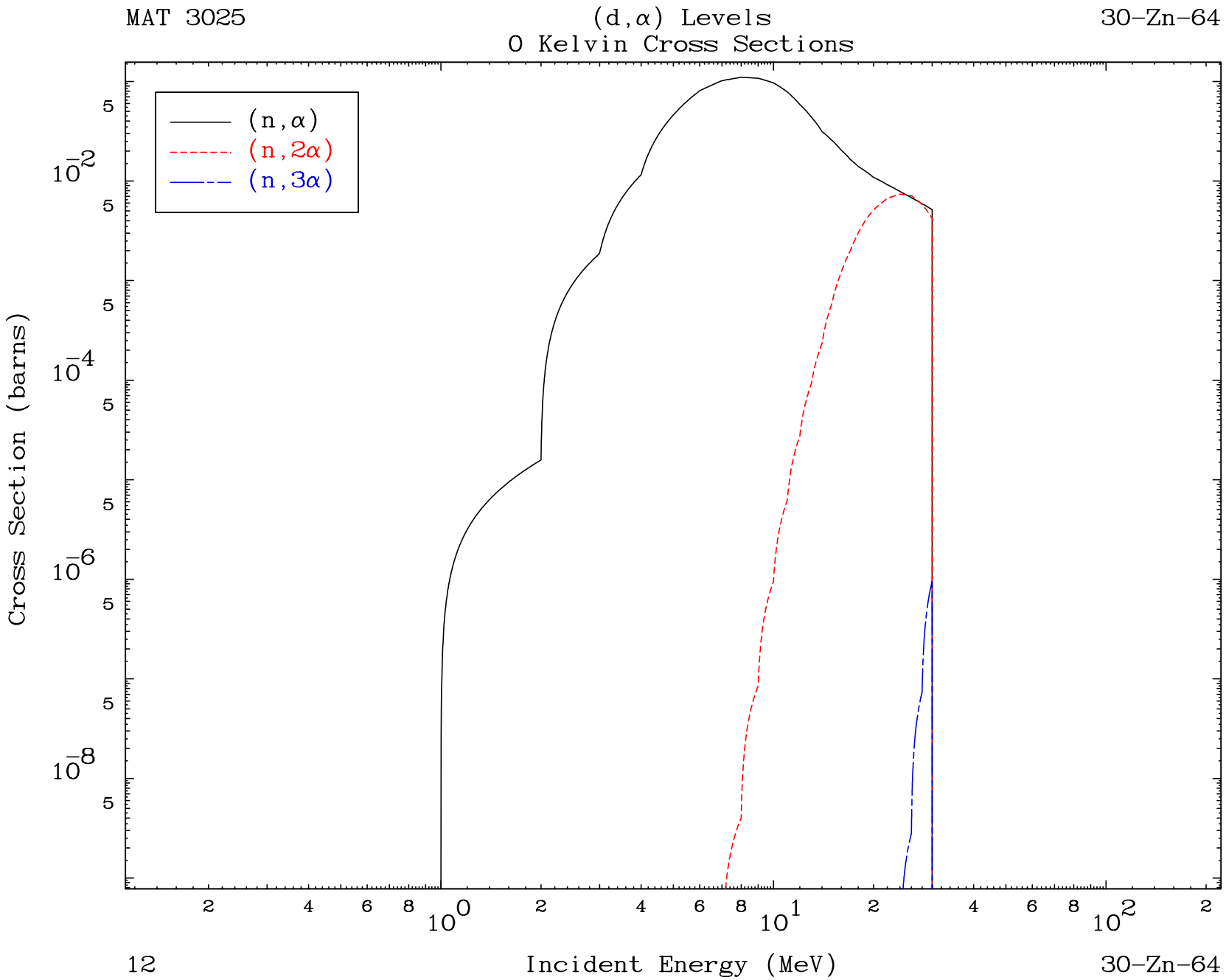

MAT 3025
Deuteron Charged Particle
0 Kelvin Cross Sections
30-Zn-64
(n,n') α
(n,3α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
30-Zn-64

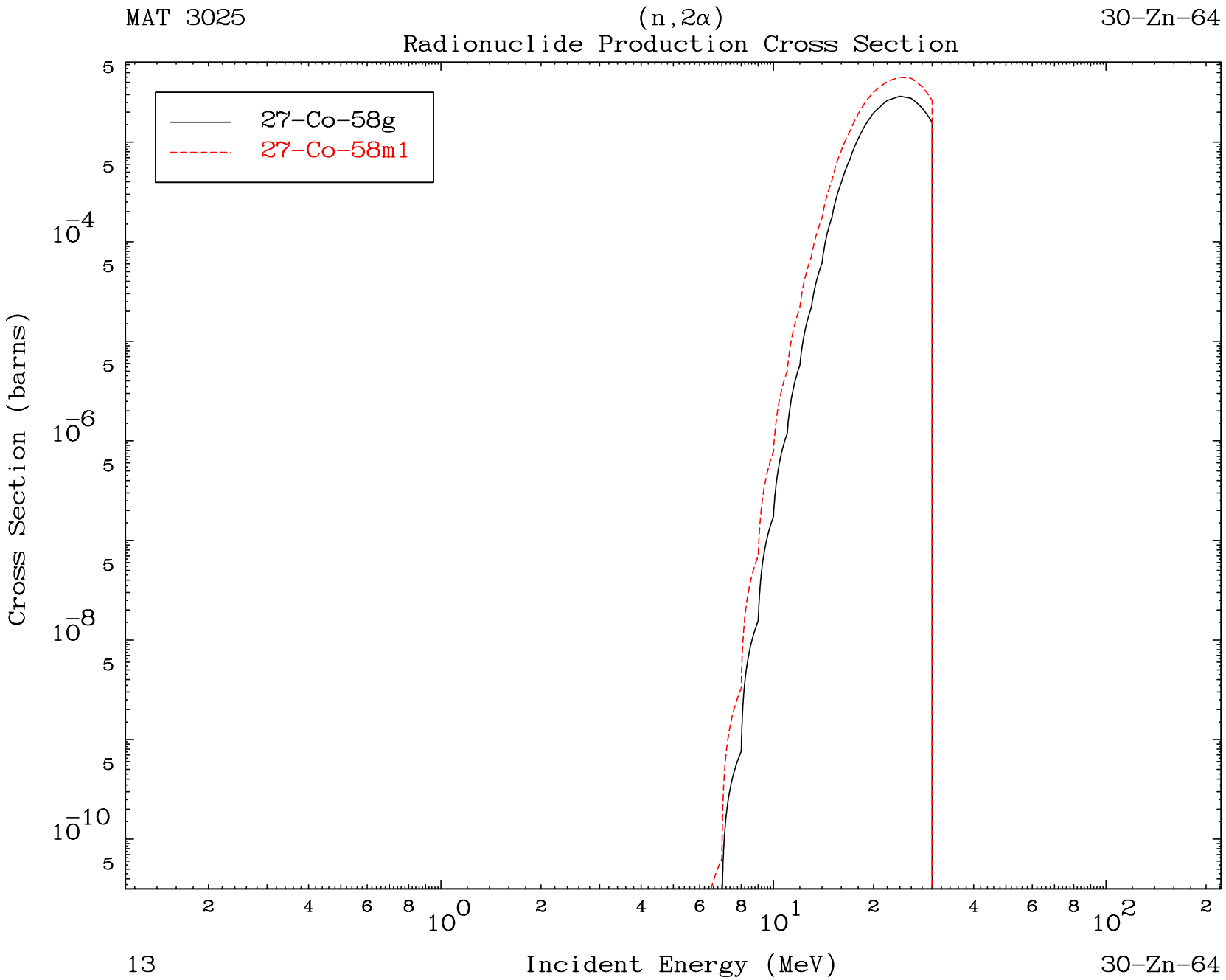

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)


MAT 3025
(d,d) Levels
30-Zn-64
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
30-Zn-64


MAT 3025
(d,t) Levels
30-Zn-64
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
10
30-Zn-64


MAT 3025
(d,He3) Levels
30-Zn-64
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
30-Zn-64


MAT 3025
(d,α) Levels
30-Zn-64
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
100
101
102
2
4
6
8
12
Incident Energy (MeV)
30-Zn-64


MAT 3025
(n,2α)
30-Zn-64
Radionuclide Production Cross Section
27-Co-58g
27-Co-58m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
13
30-Zn-64