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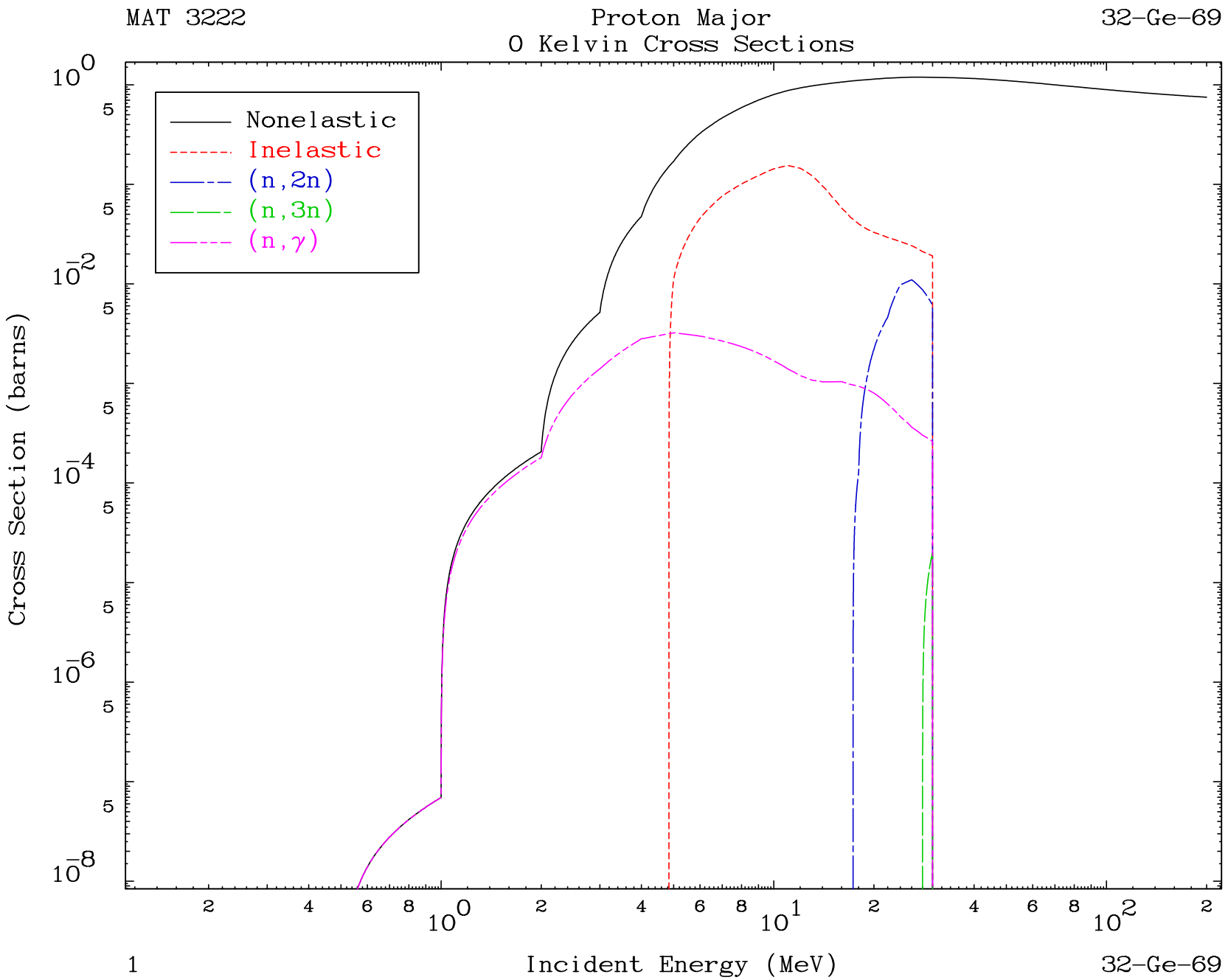
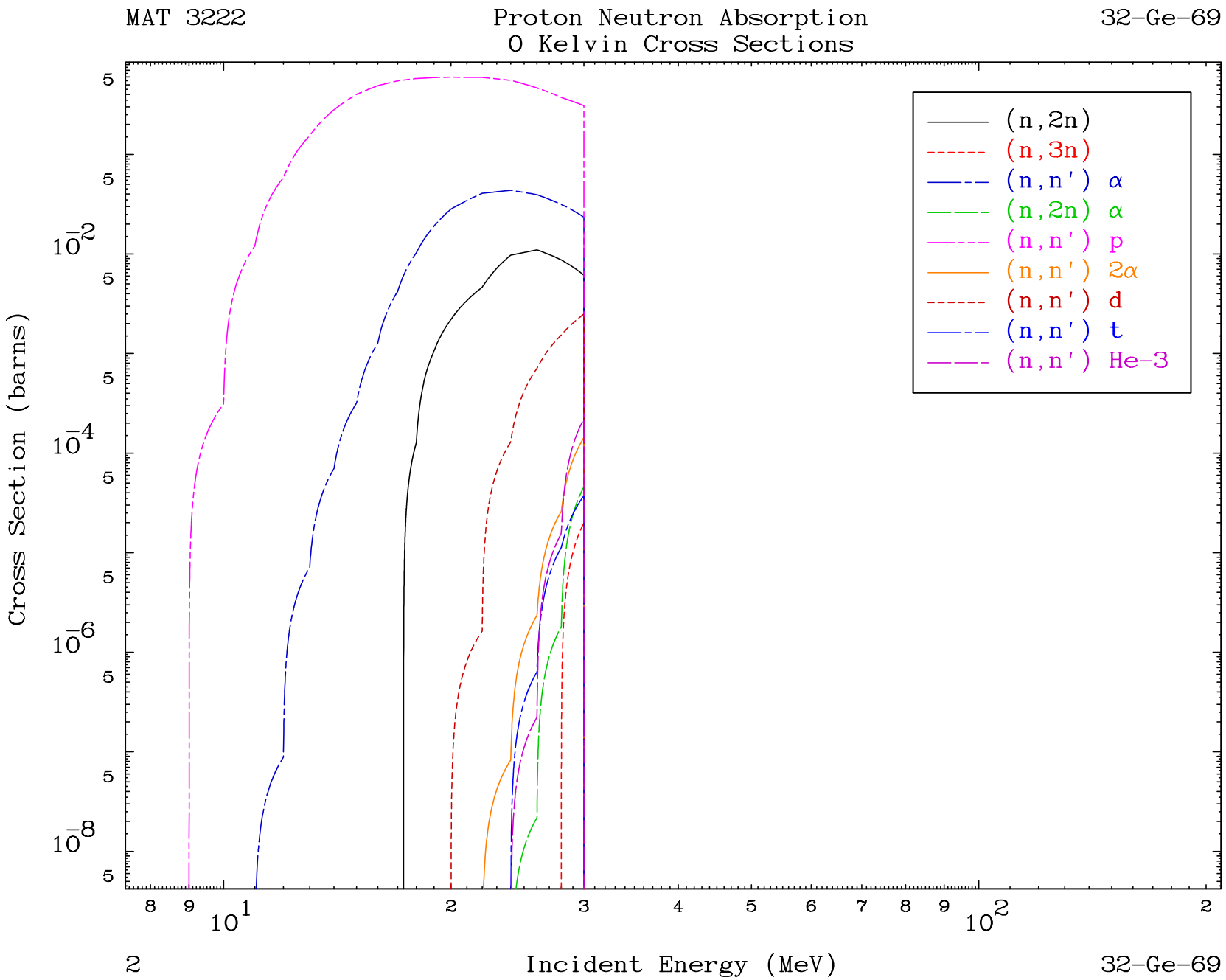
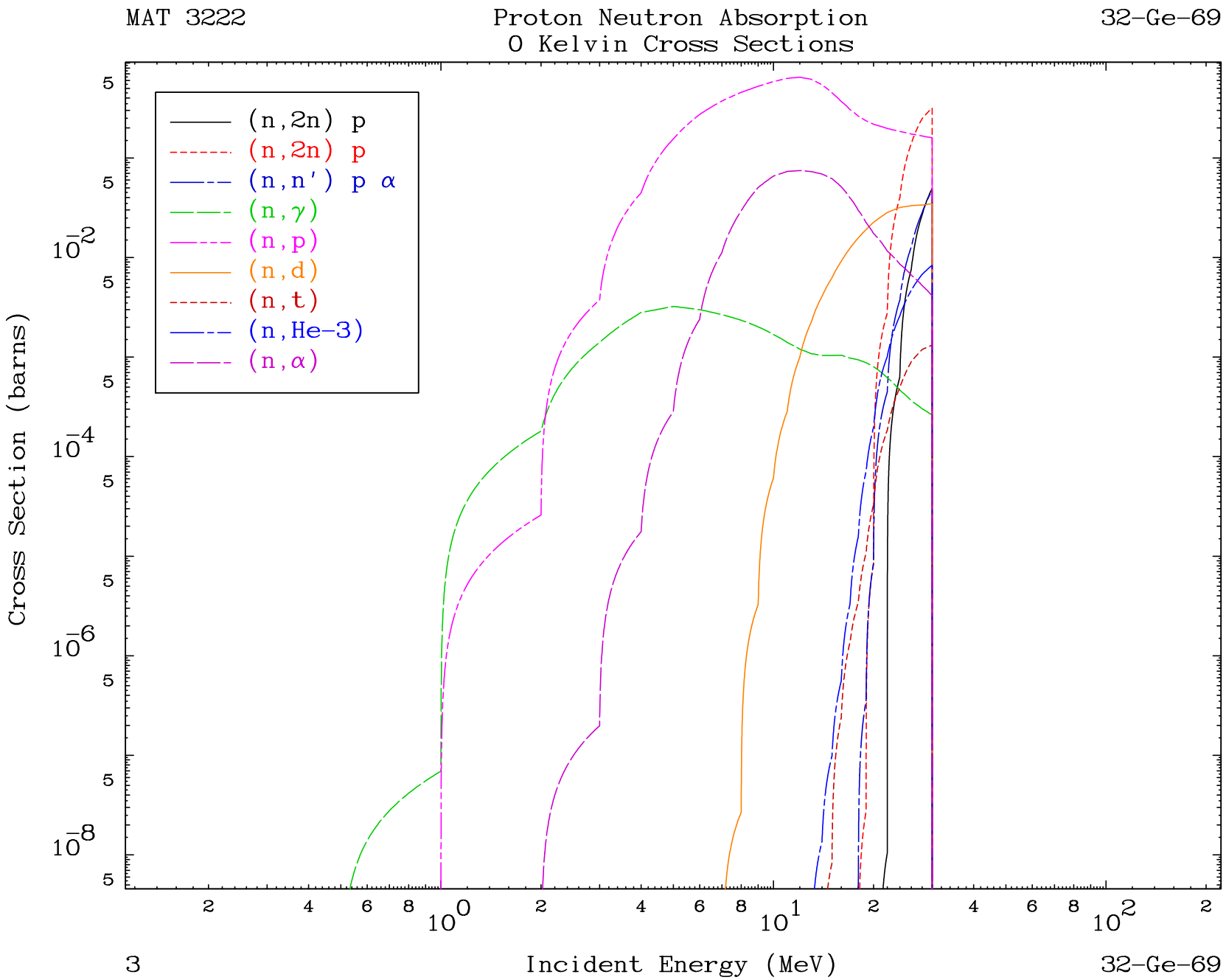
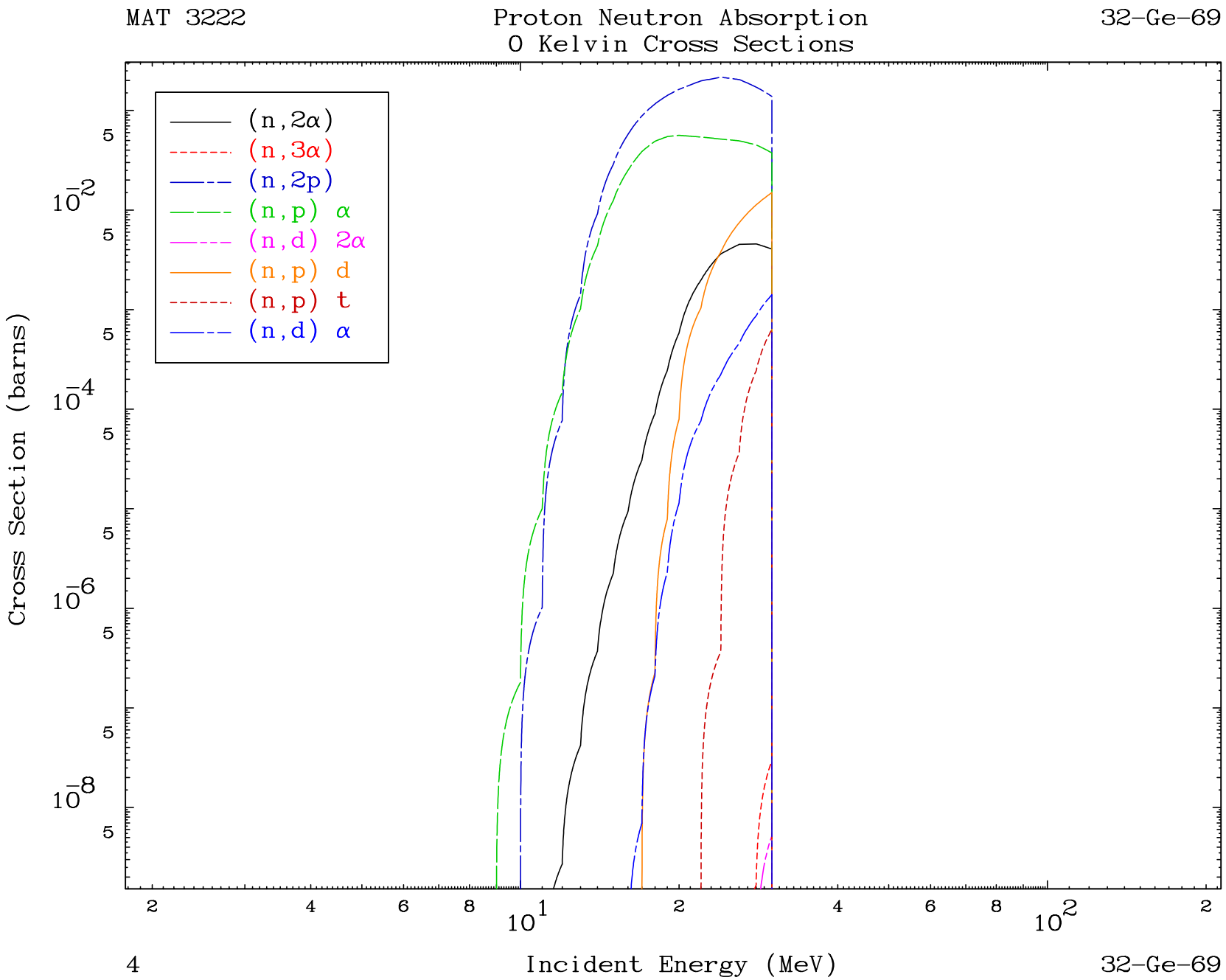
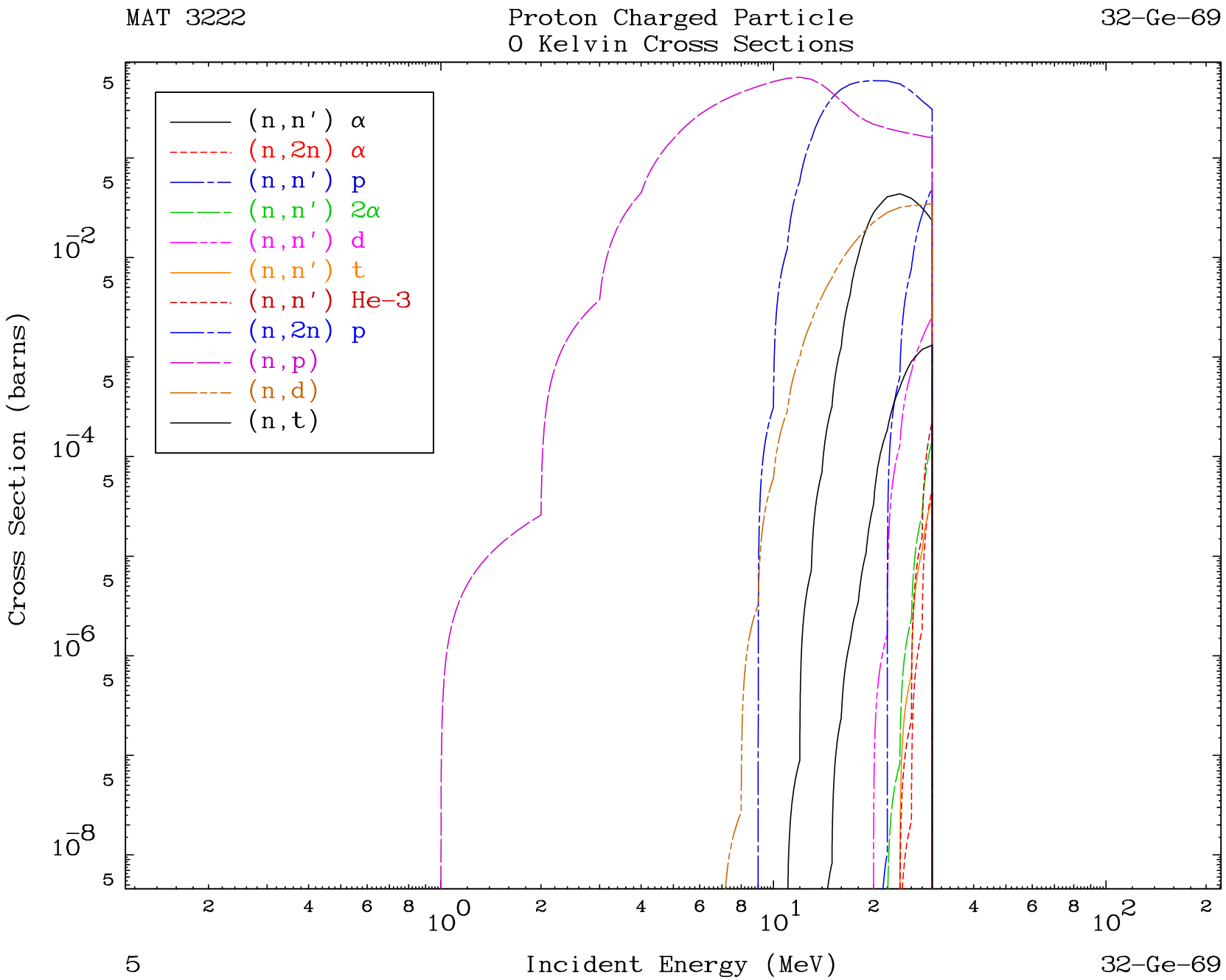
Press Mouse Button to Start

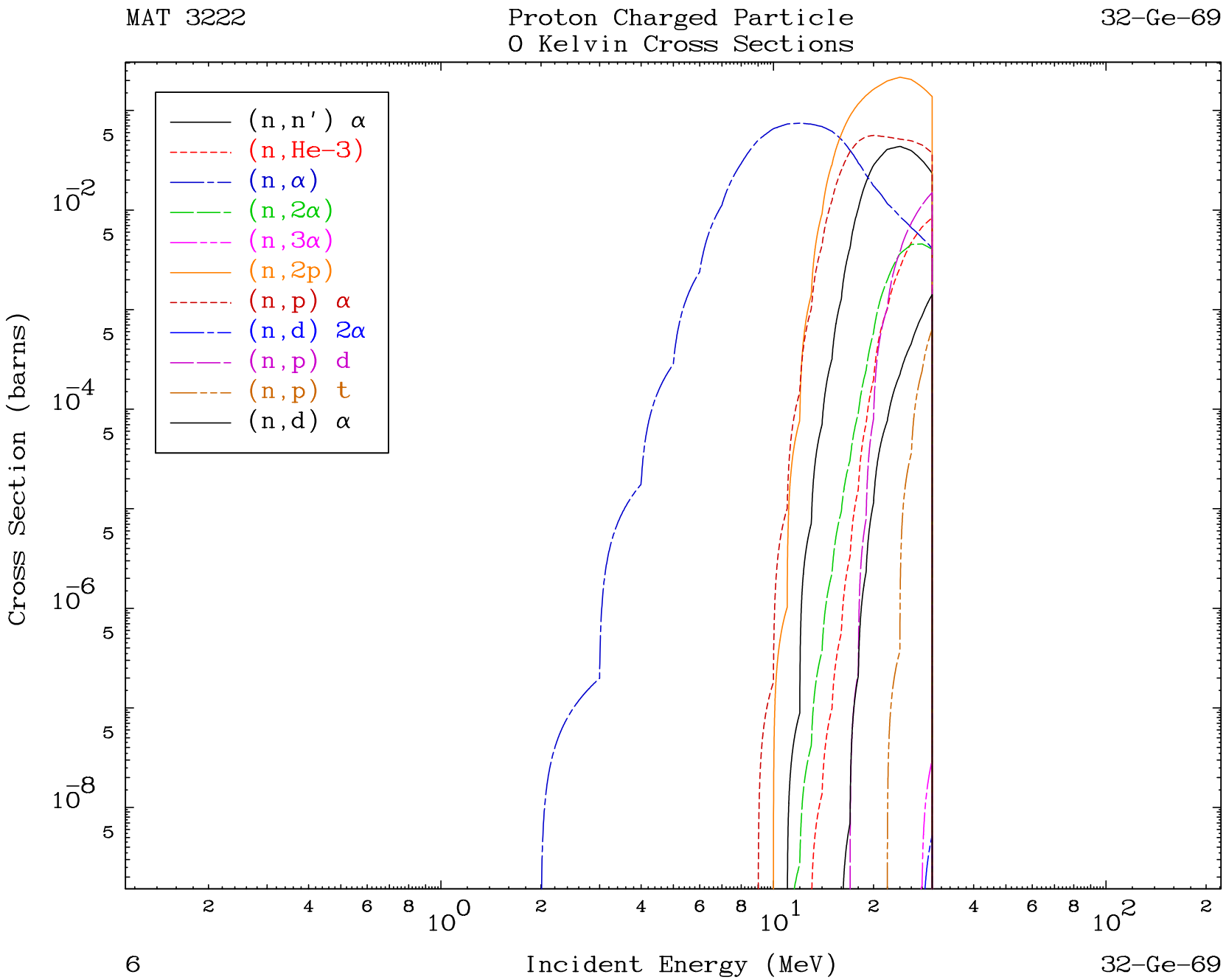

MAT 3222
Proton Major
32-Ge-69
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
32-Ge-69
1

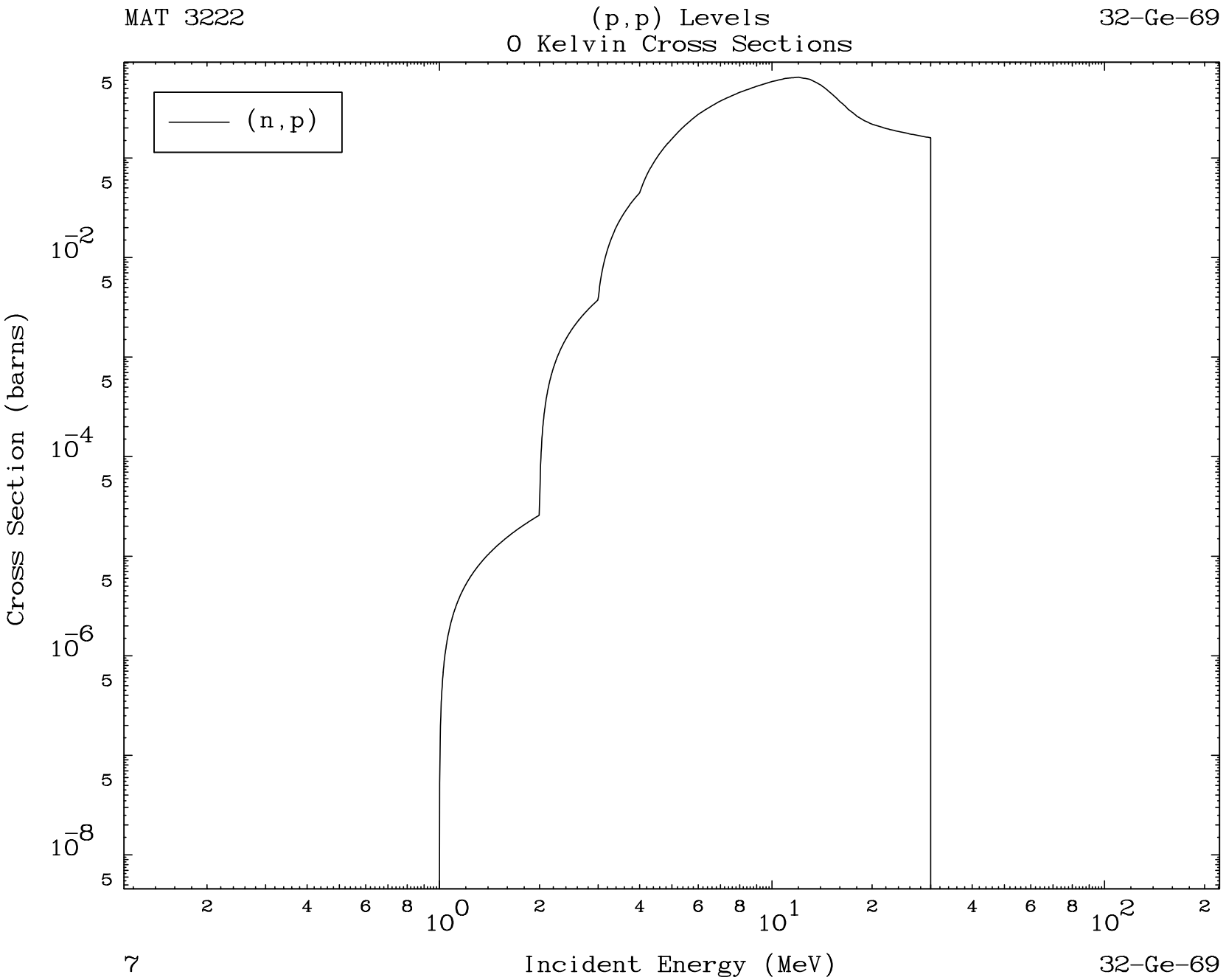

MAT 3222
Proton Neutron Absorption
0 Kelvin Cross Sections
32-Ge-69
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
32-Ge-69
2

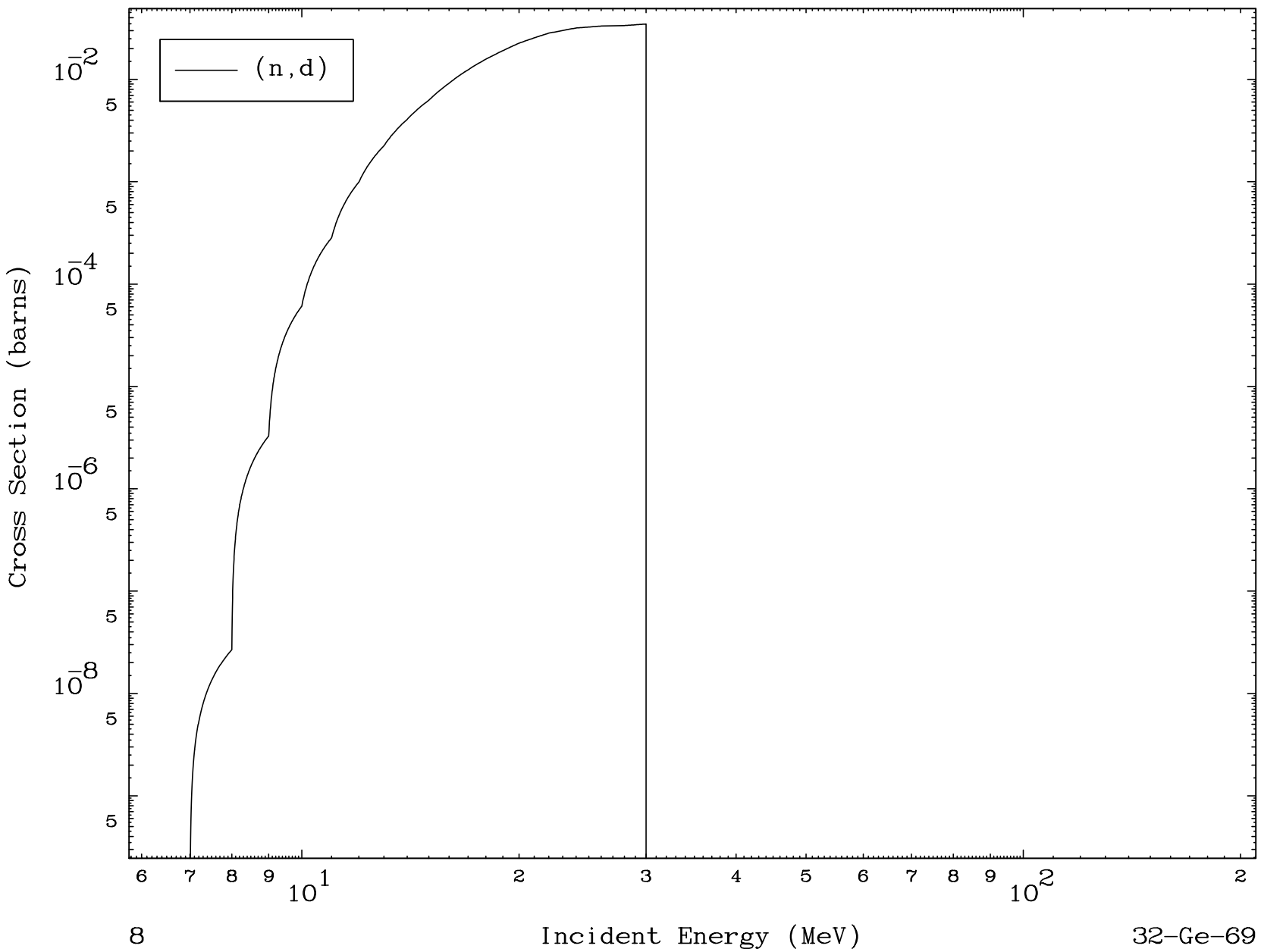

MAT 3222
Proton Neutron Absorption
0 Kelvin Cross Sections
32-Ge-69
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
32-Ge-69

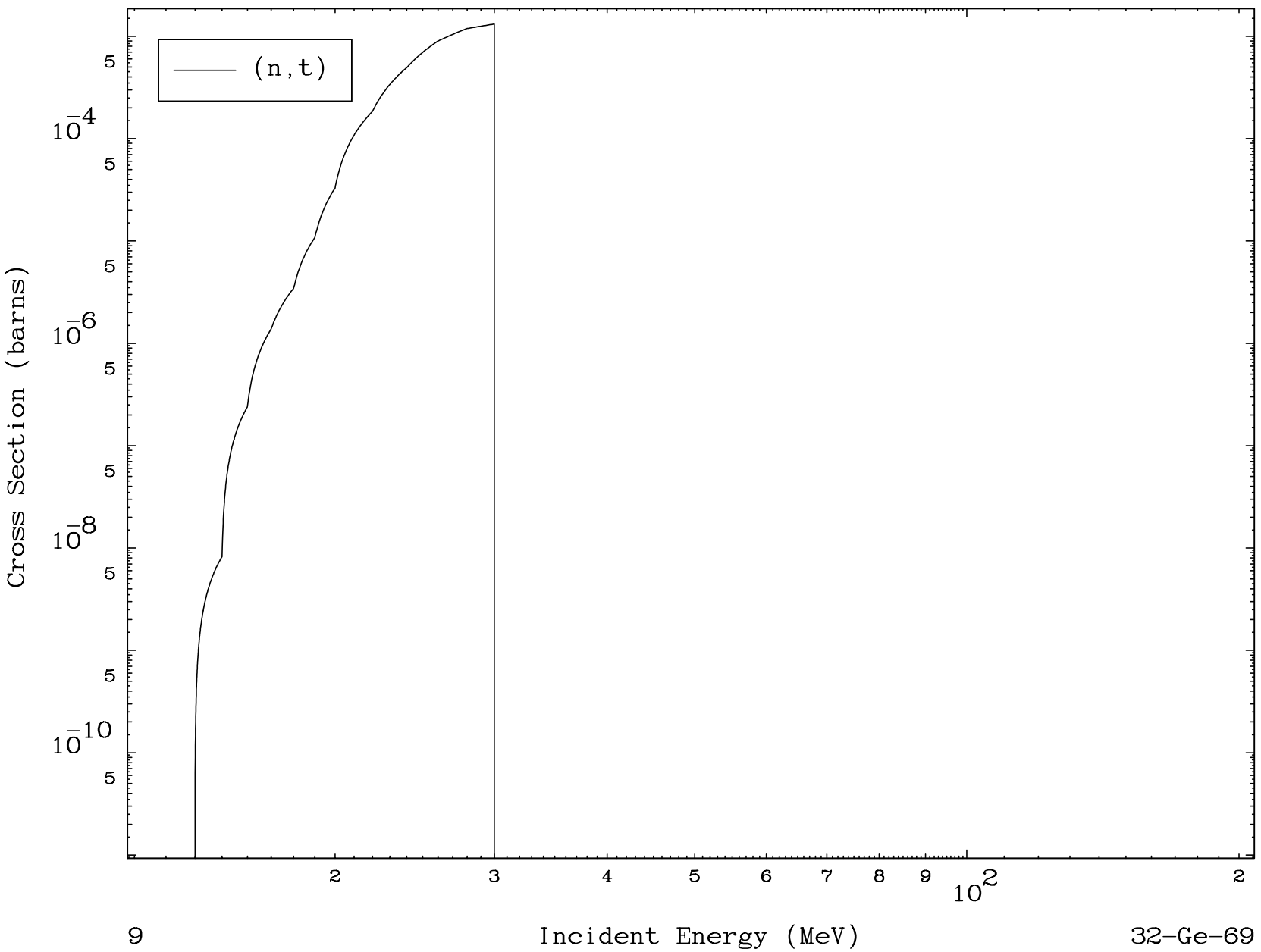

MAT 3222
Proton Neutron Absorption
0 Kelvin Cross Sections
32-Ge-69
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
101
102
Incident Energy (MeV)
4
32-Ge-69

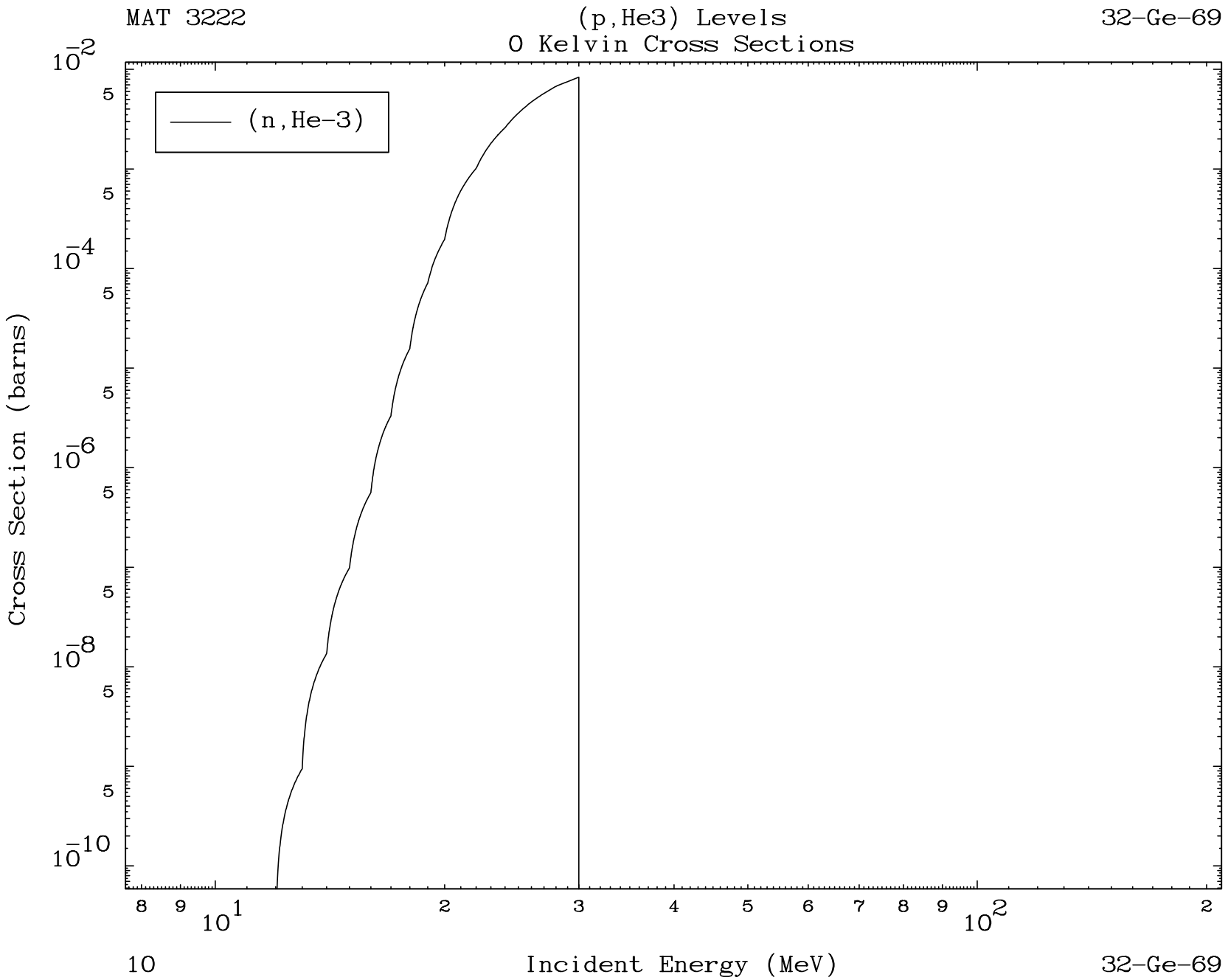

MAT 3222
Proton Charged Particle
0 Kelvin Cross Sections
32-Ge-69
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
5
32-Ge-69

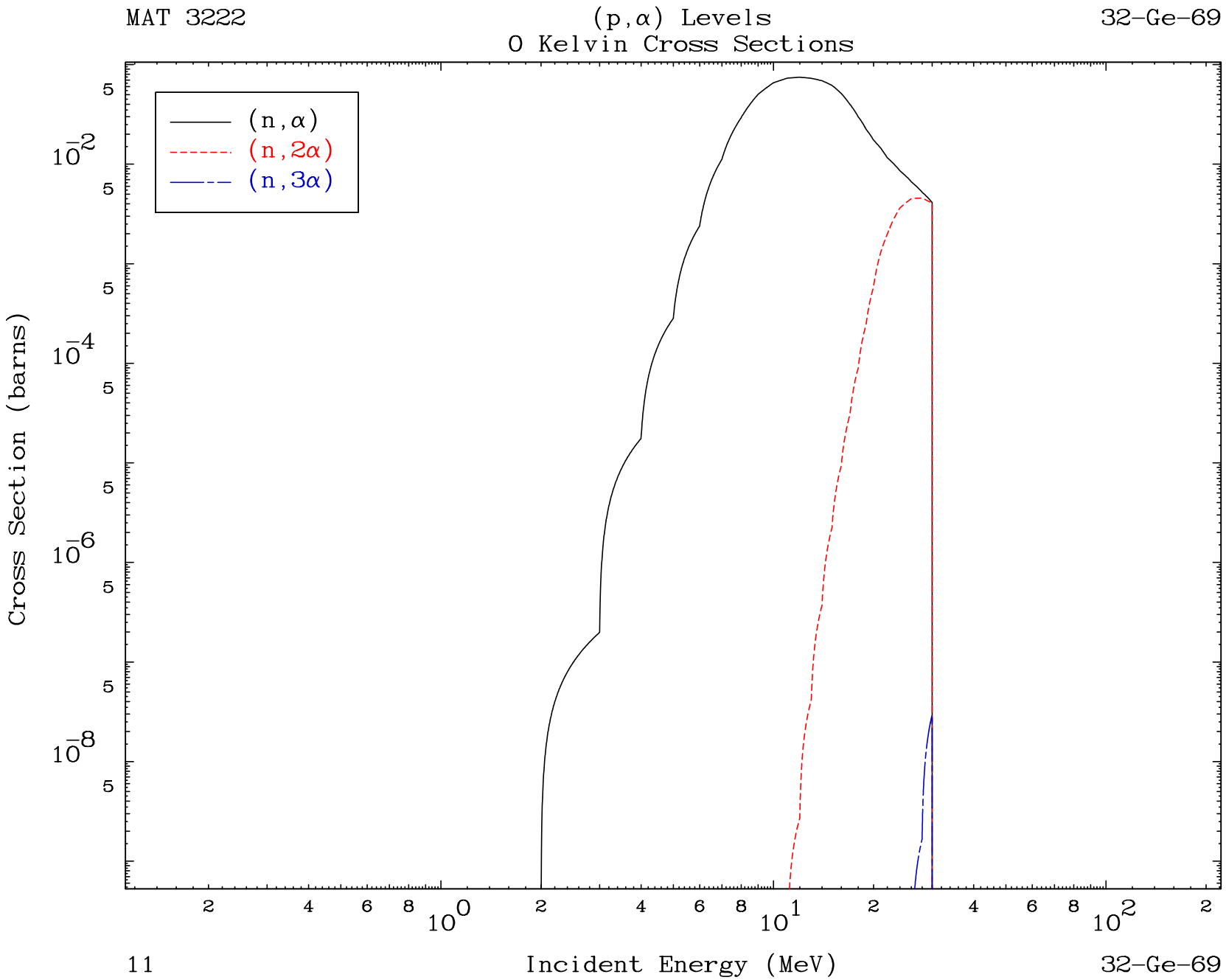

MAT 3222
Proton Charged Particle
0 Kelvin Cross Sections
32-Ge-69
(n,n') α
(n,He-3)
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
32-Ge-69

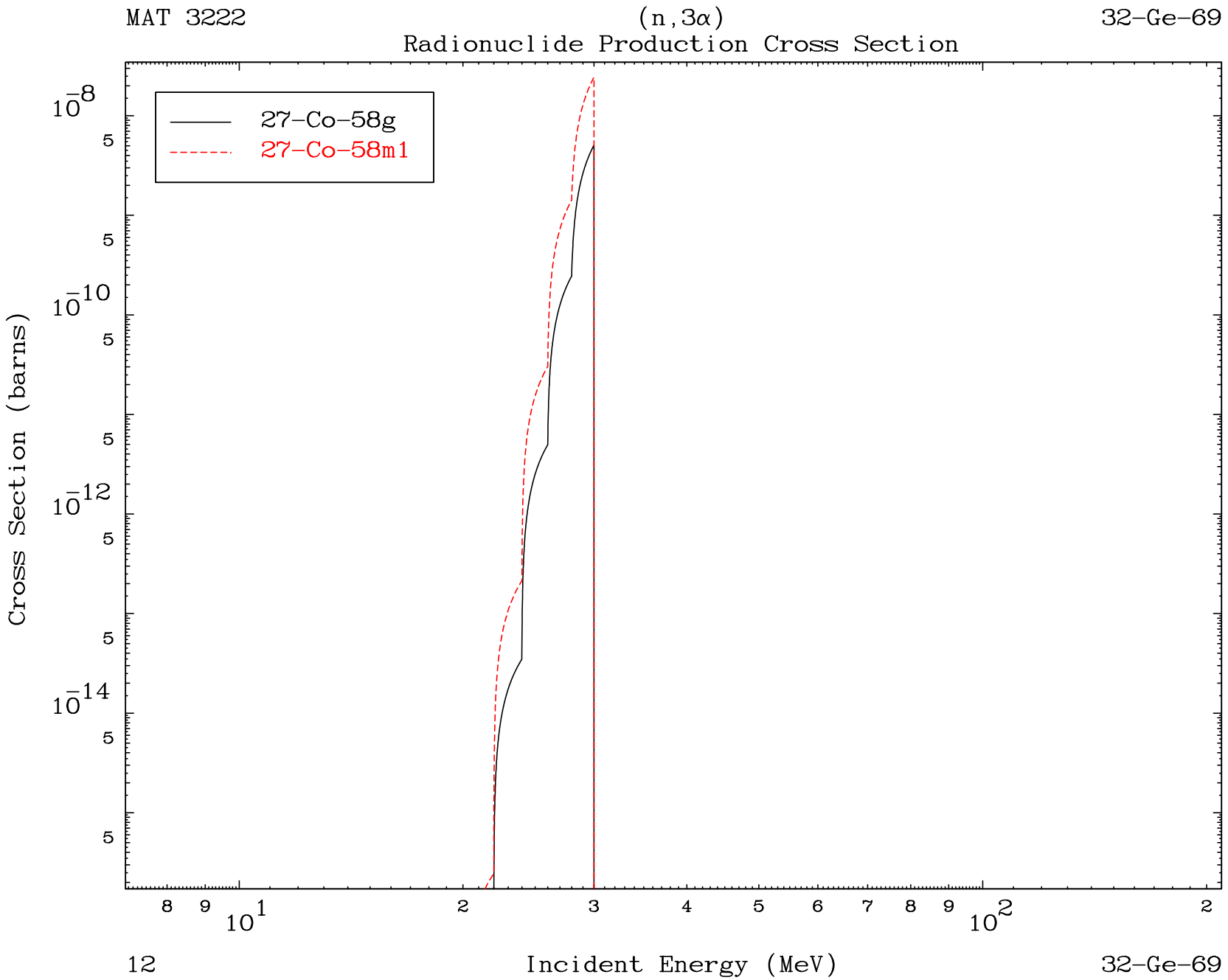

MAT 3222
(p,p) Levels
32-Ge-69
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
32-Ge-69


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


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)


MAT 3222
(p,He3) Levels
32-Ge-69
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
32-Ge-69


MAT 3222
(p,α) Levels
32-Ge-69
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
Incident Energy (MeV)
11
32-Ge-69


MAT 3222
(n,3α)
32-Ge-69
Radionuclide Production Cross Section
27-Co-58g
27-Co-58m1
Cross Section (barns)
Incident Energy (MeV)
12
32-Ge-69