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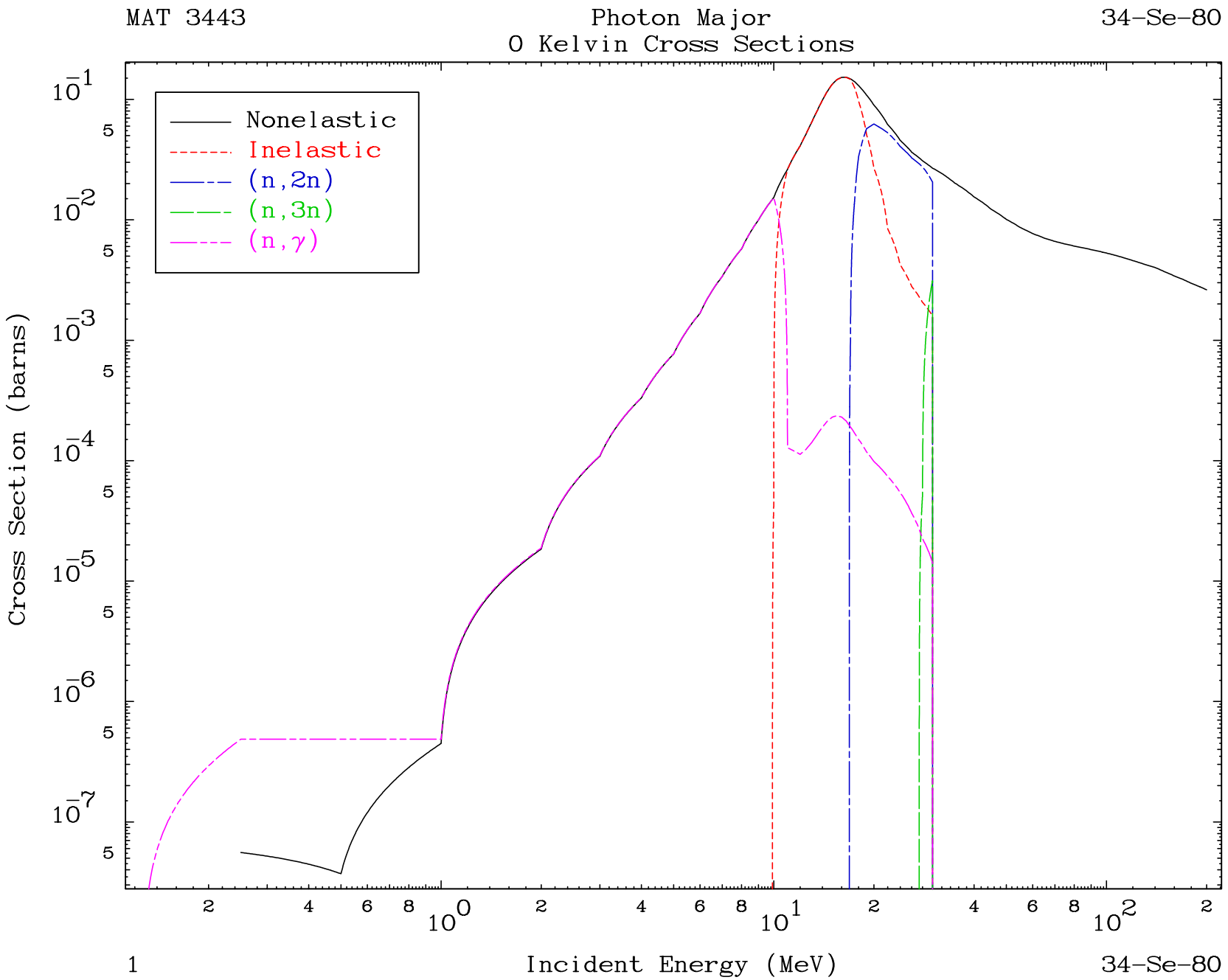
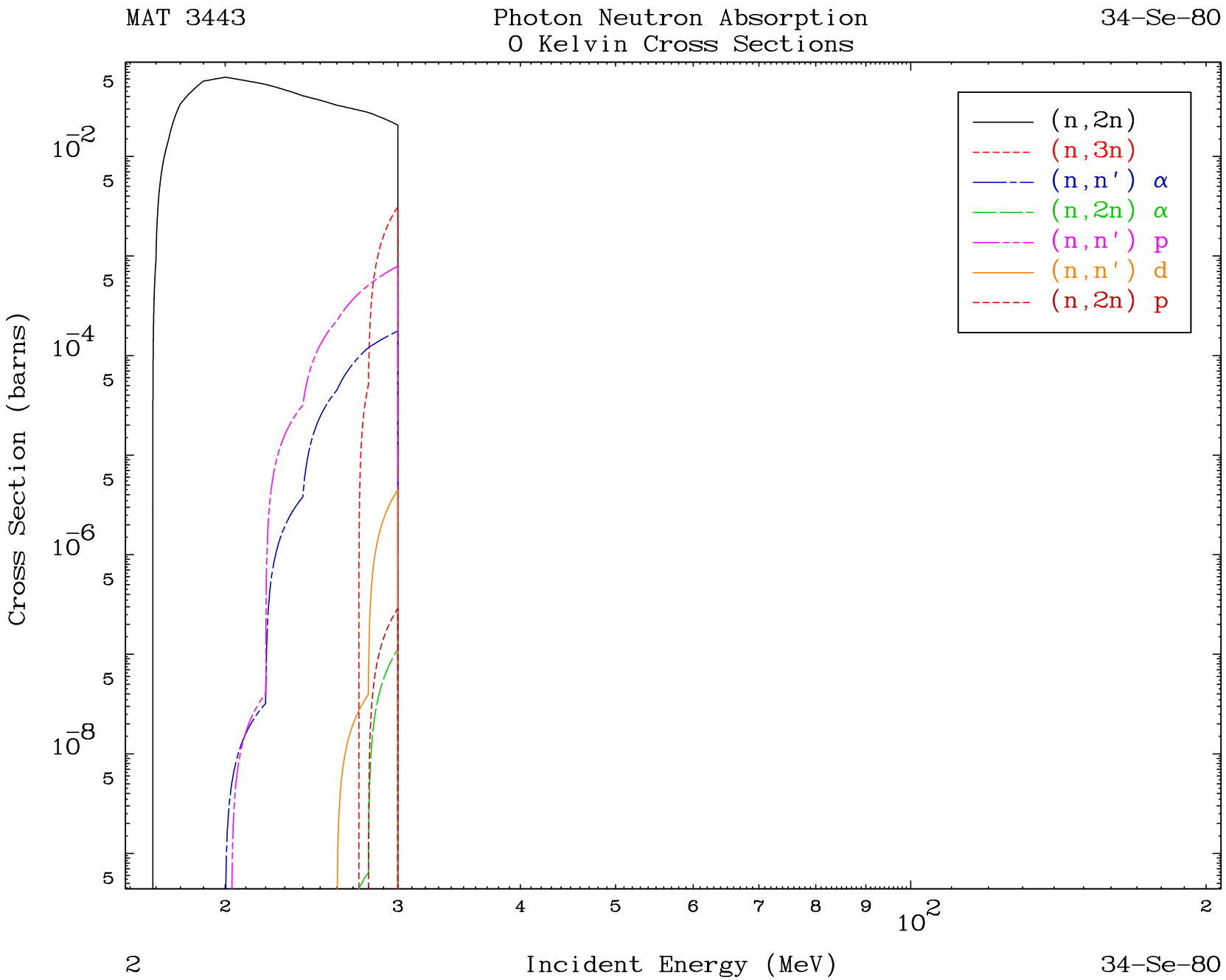
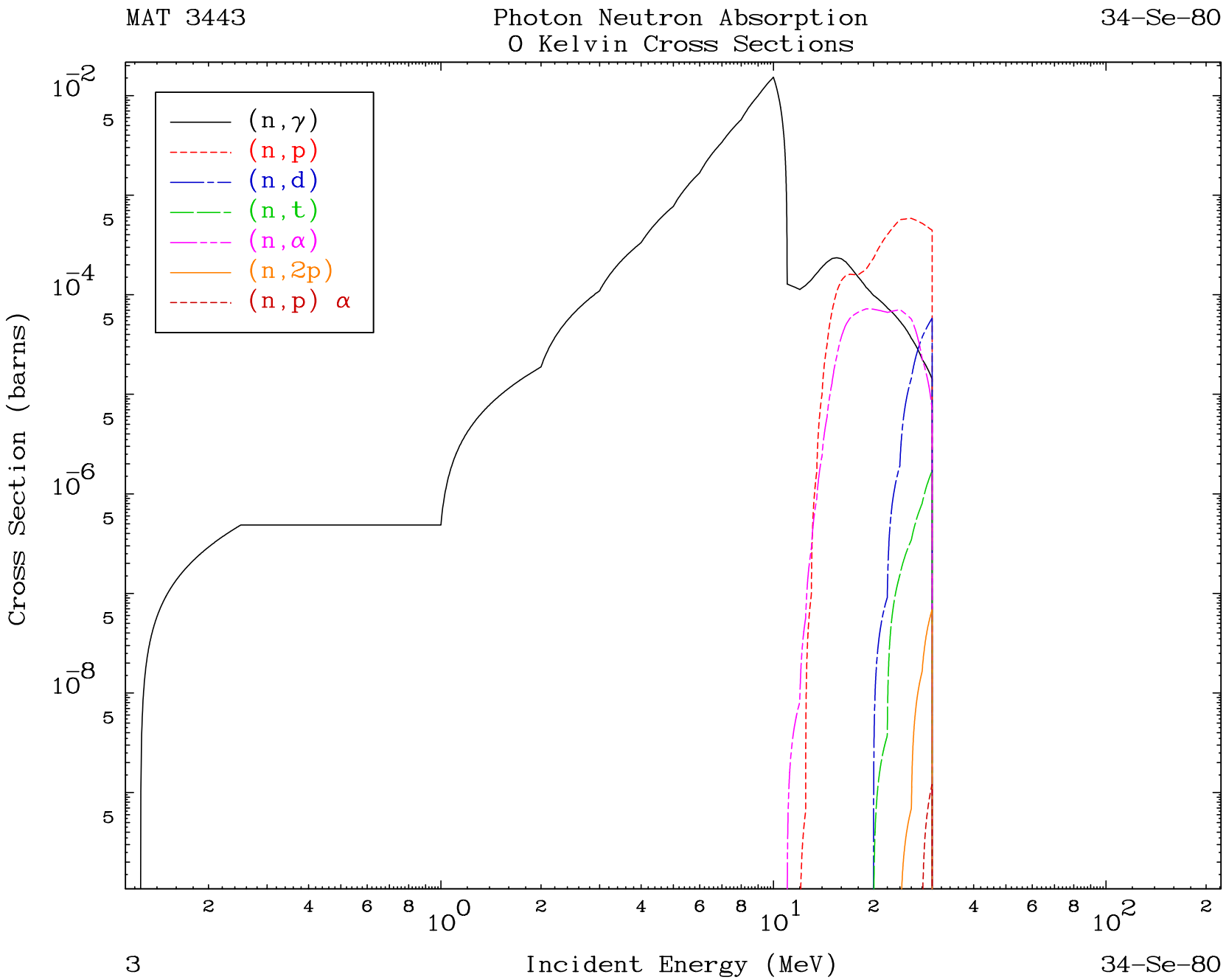
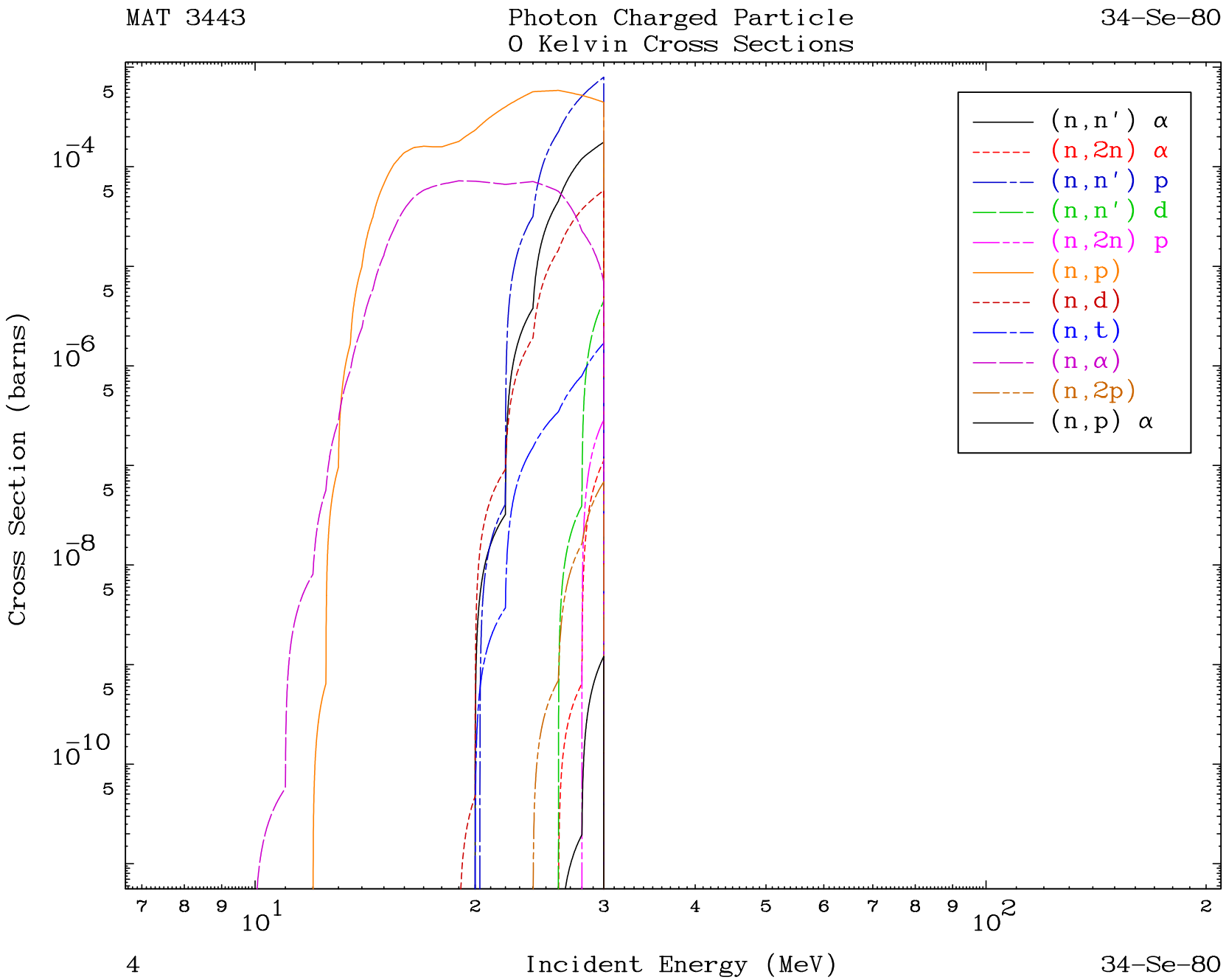
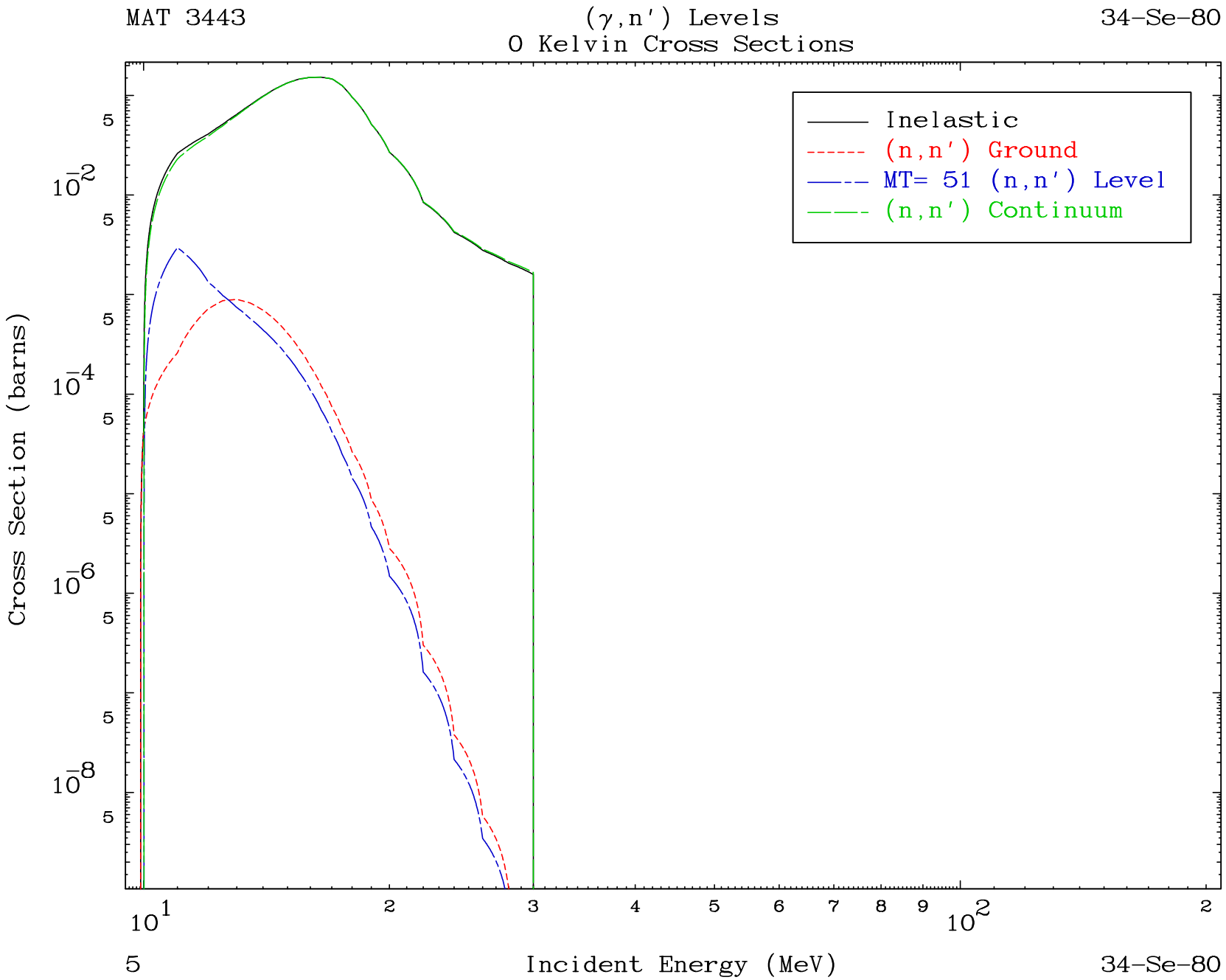
Press Mouse Button to Start

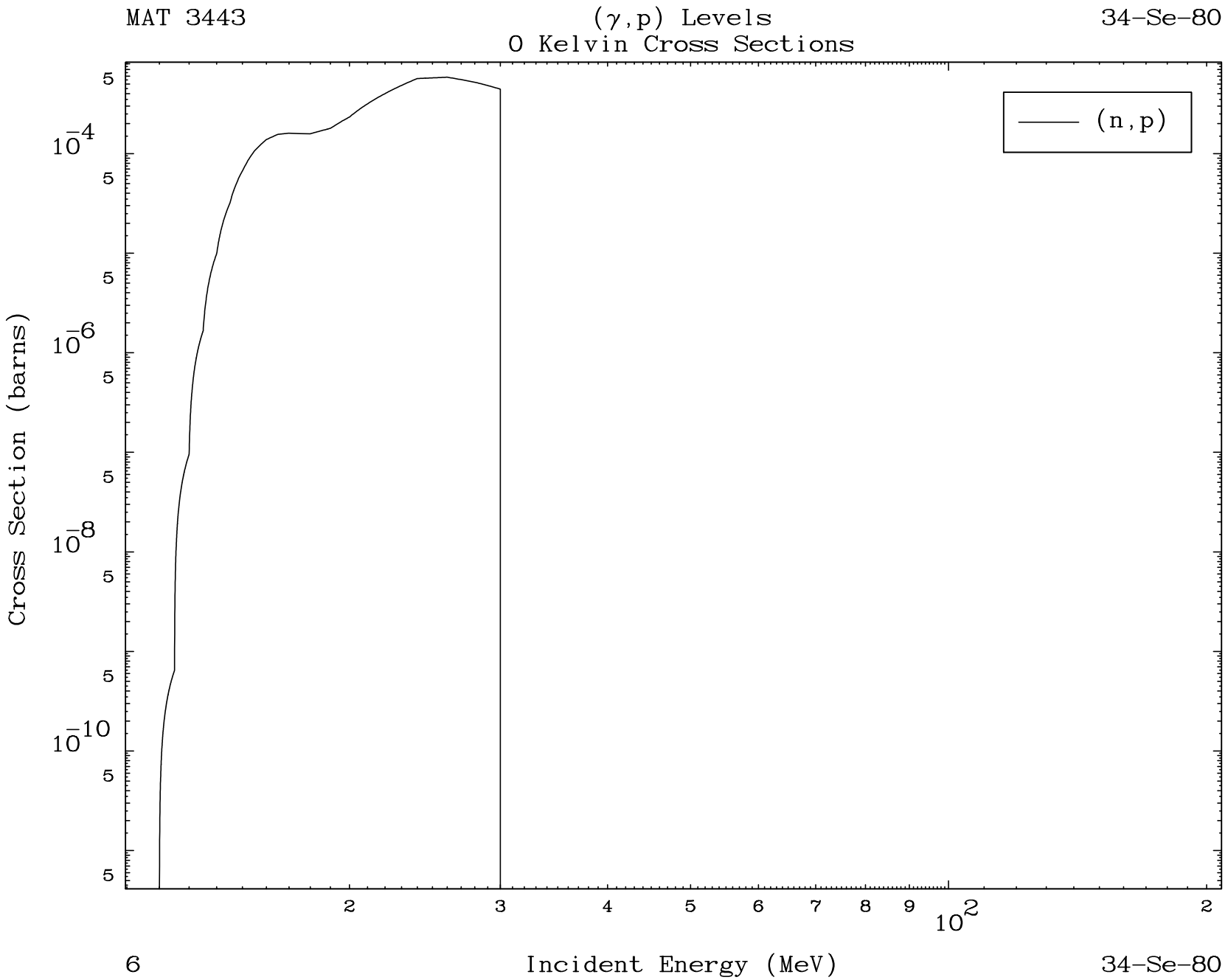

MAT 3443
Photon Major
34-Se-80
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
34-Se-80

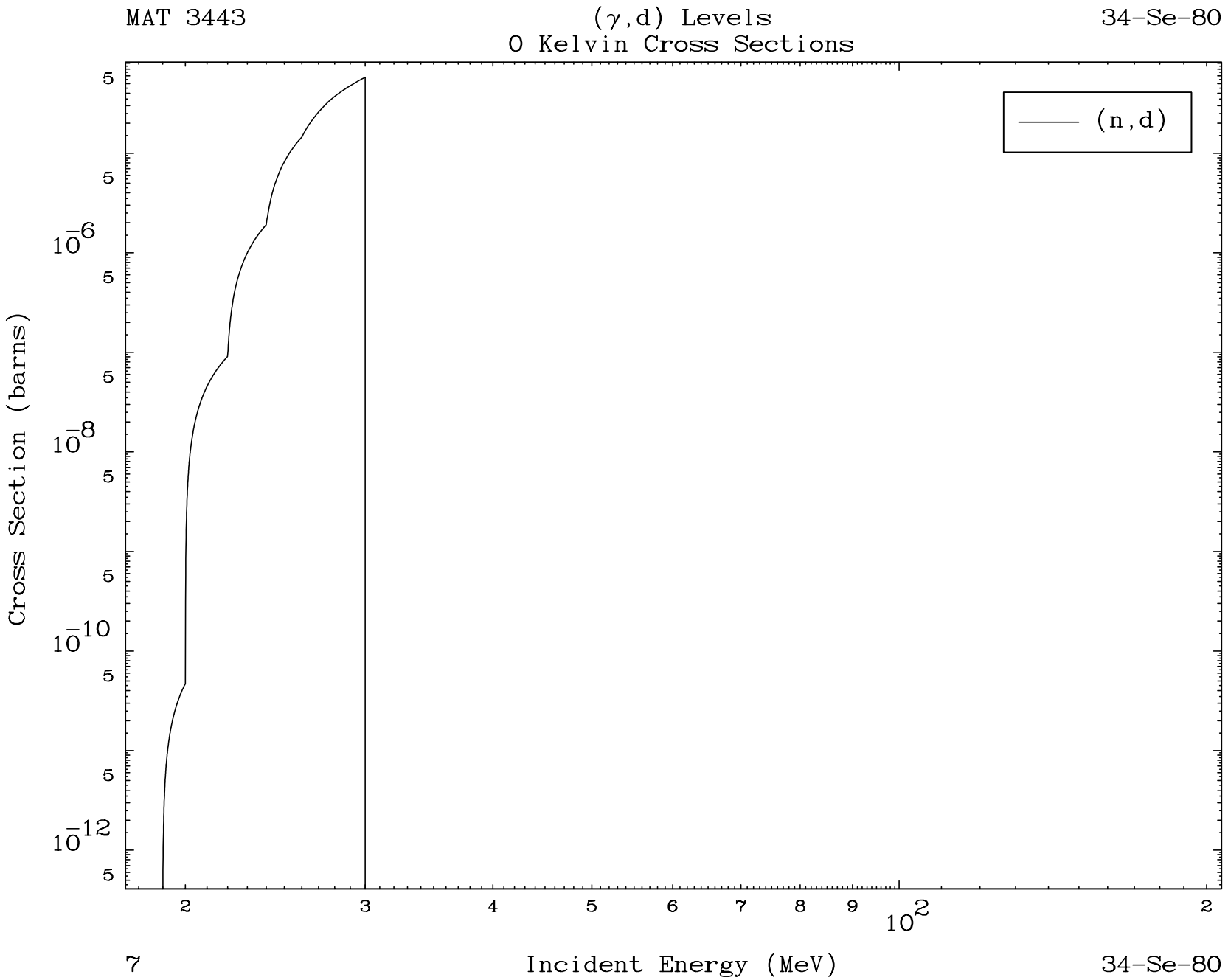

MAT 3443
Photon Neutron Absorption
0 Kelvin Cross Sections
34-Se-80
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
34-Se-80
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,2n) p

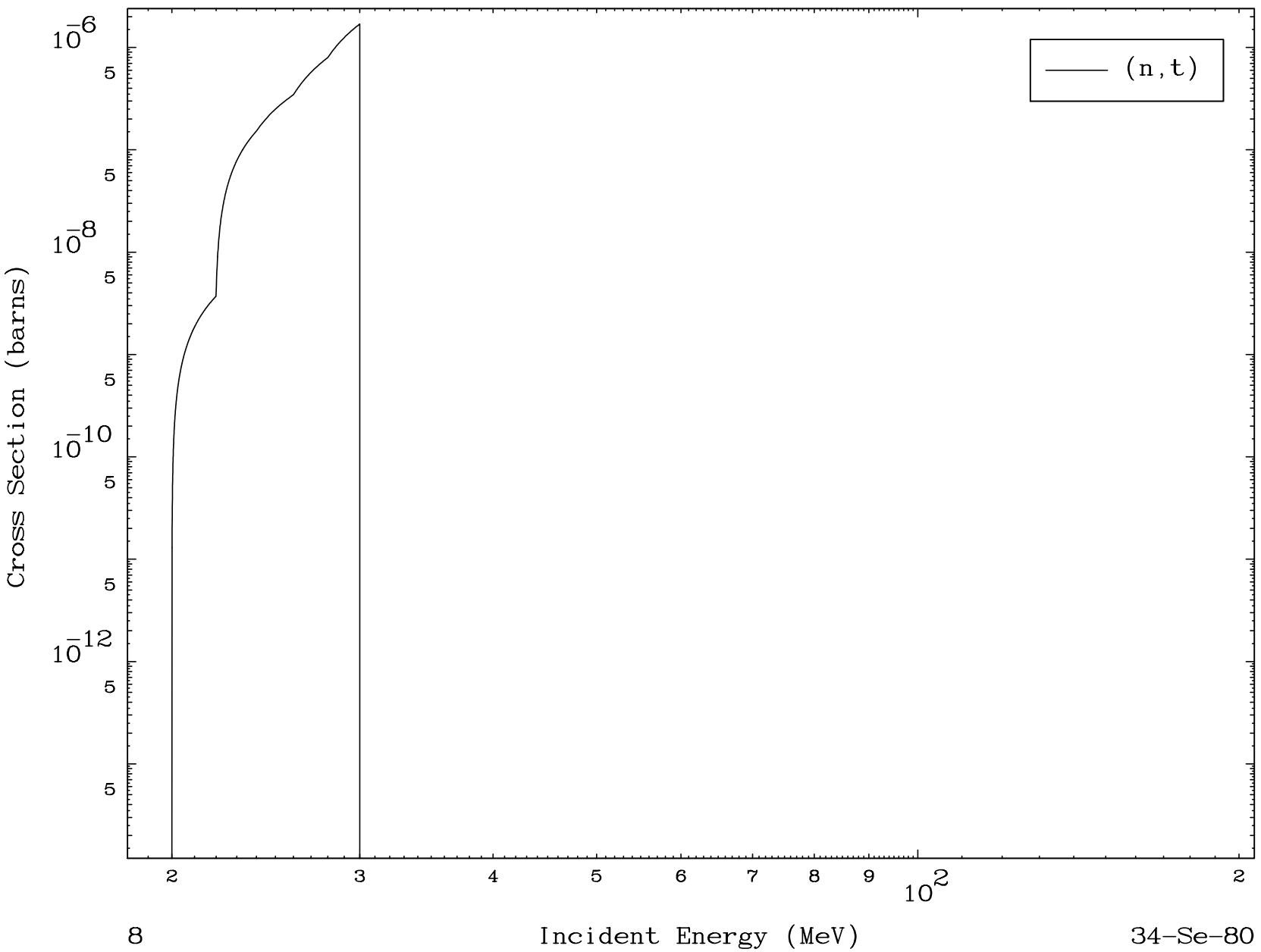

MAT 3443
Photon Neutron Absorption
0 Kelvin Cross Sections
34-Se-80
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
(n,2p)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
3
34-Se-80

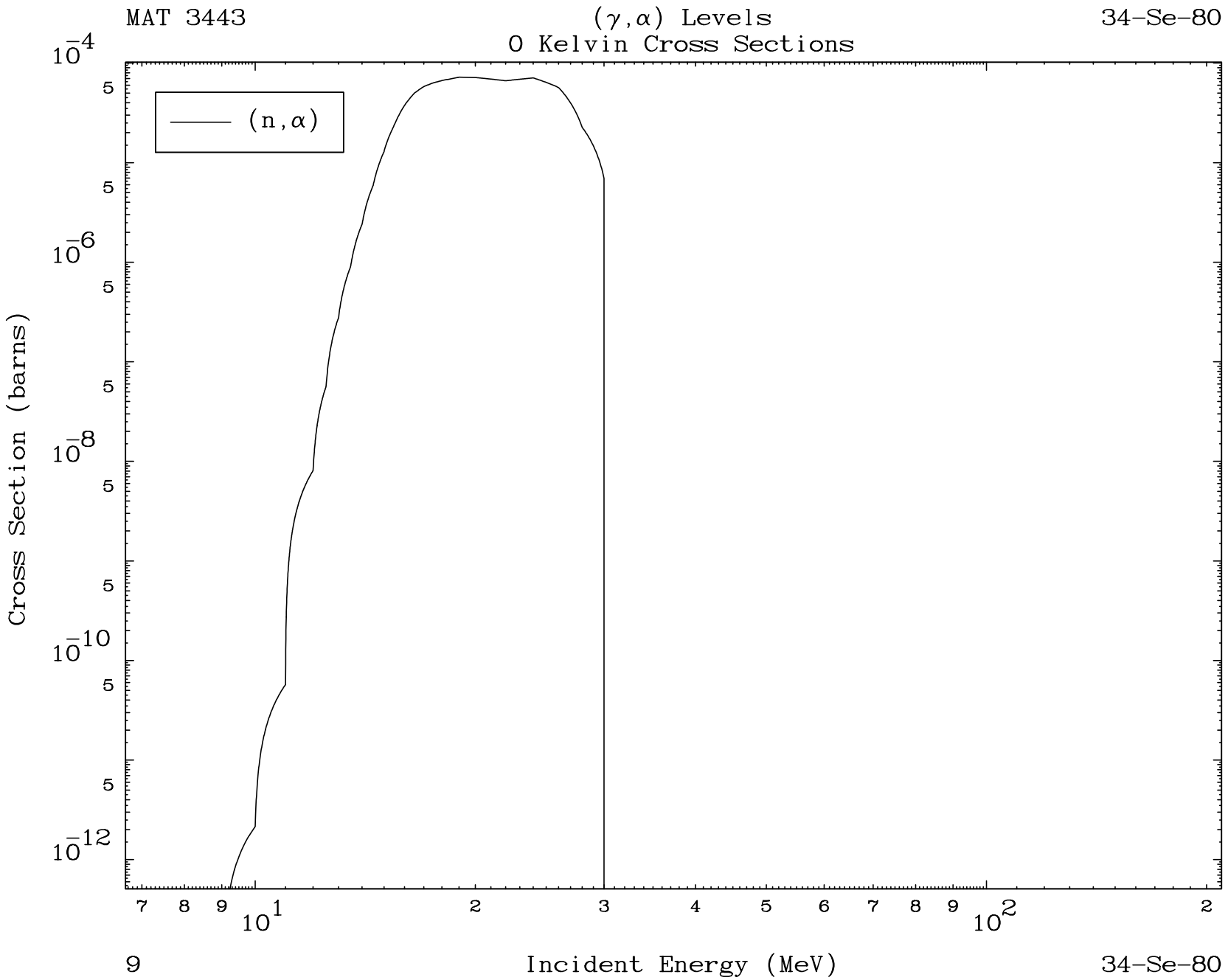

MAT 3443
Photon Charged Particle
0 Kelvin Cross Sections
34-Se-80
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,α)
(n,2p)
(n,p) α
4
34-Se-80

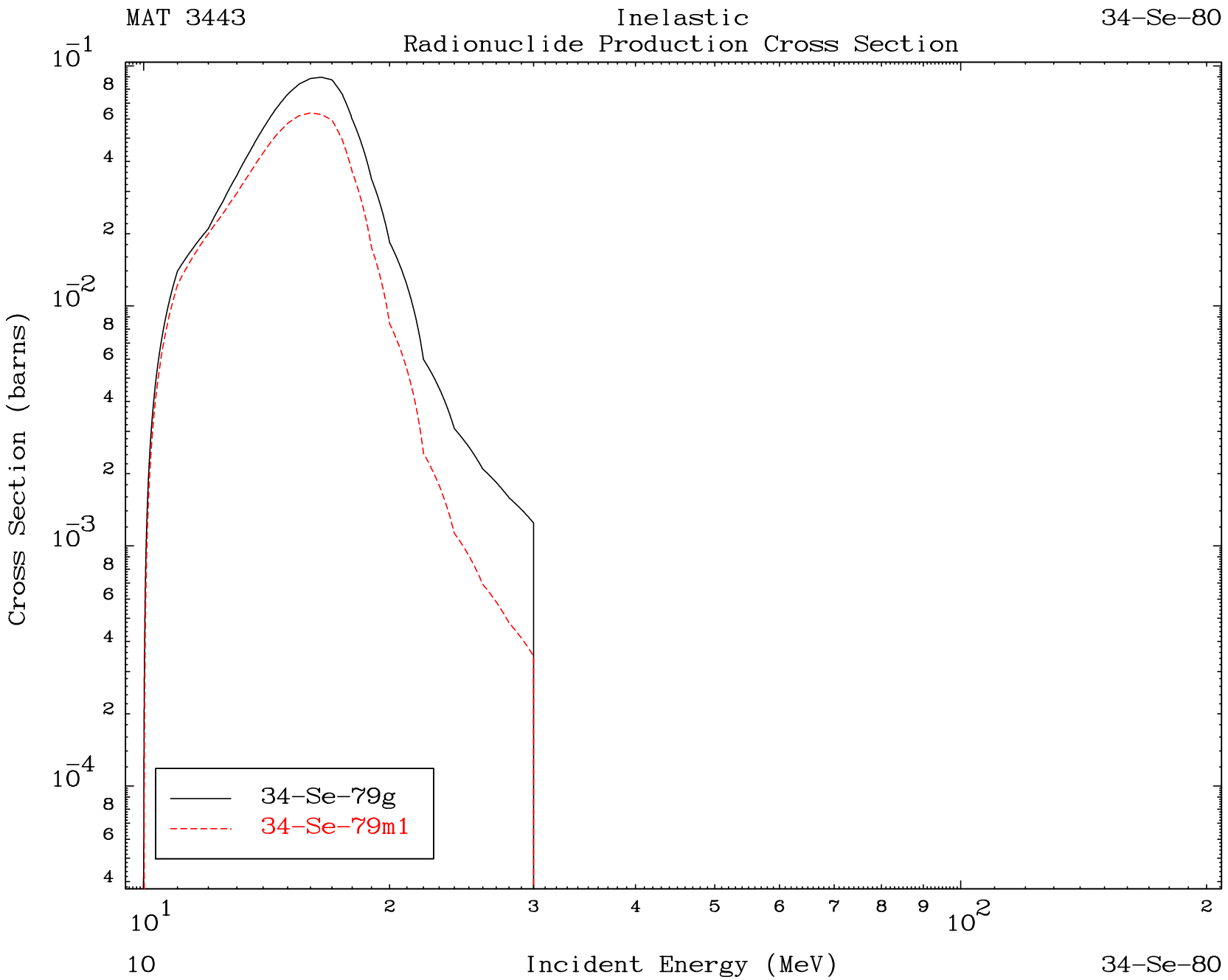

MAT 3443
(γ,n') Levels
34-Se-80
0 Kelvin Cross Sections
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
34-Se-80

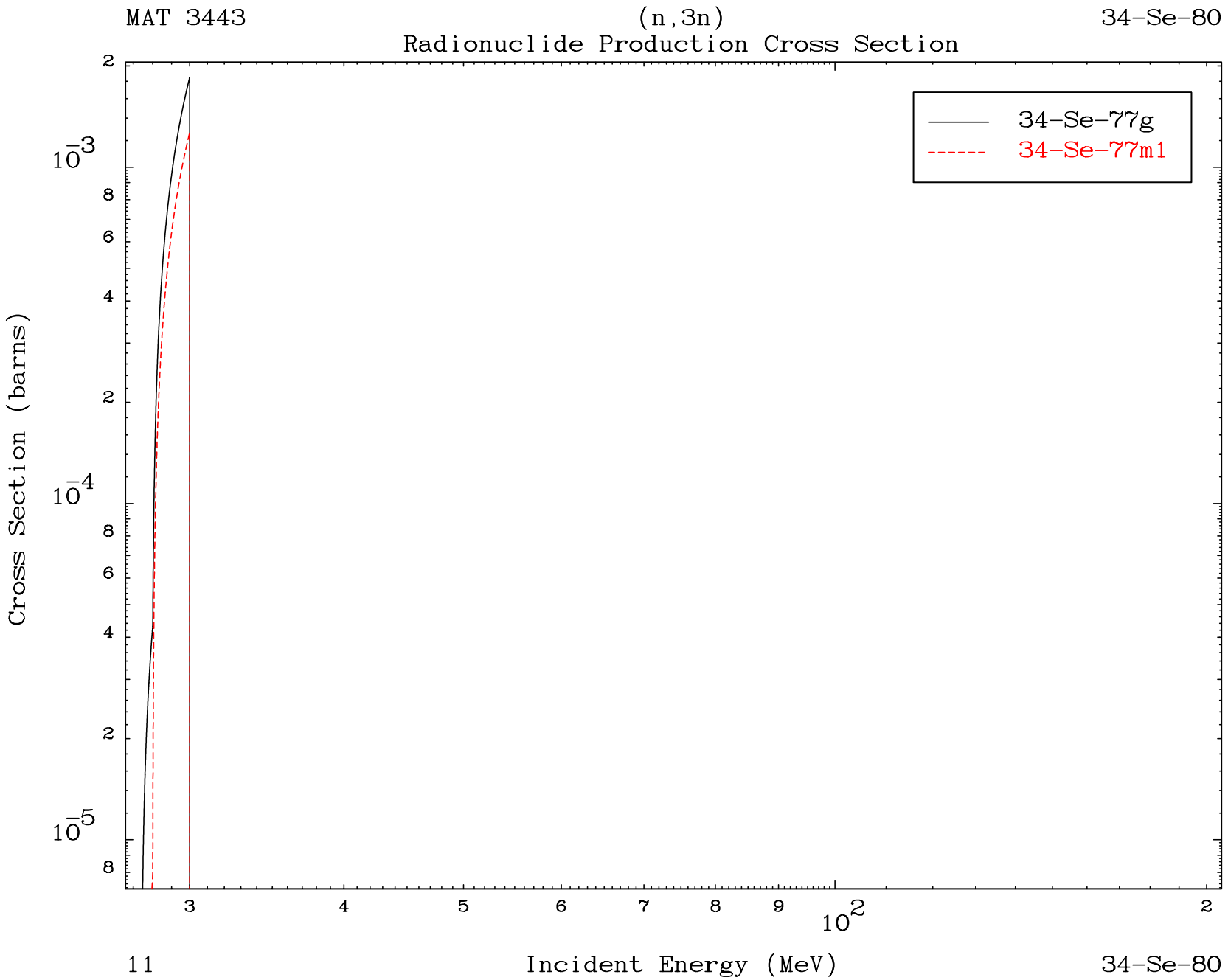

MAT 3443
(γ,p) Levels
34-Se-80
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
6
Incident Energy (MeV)
34-Se-80

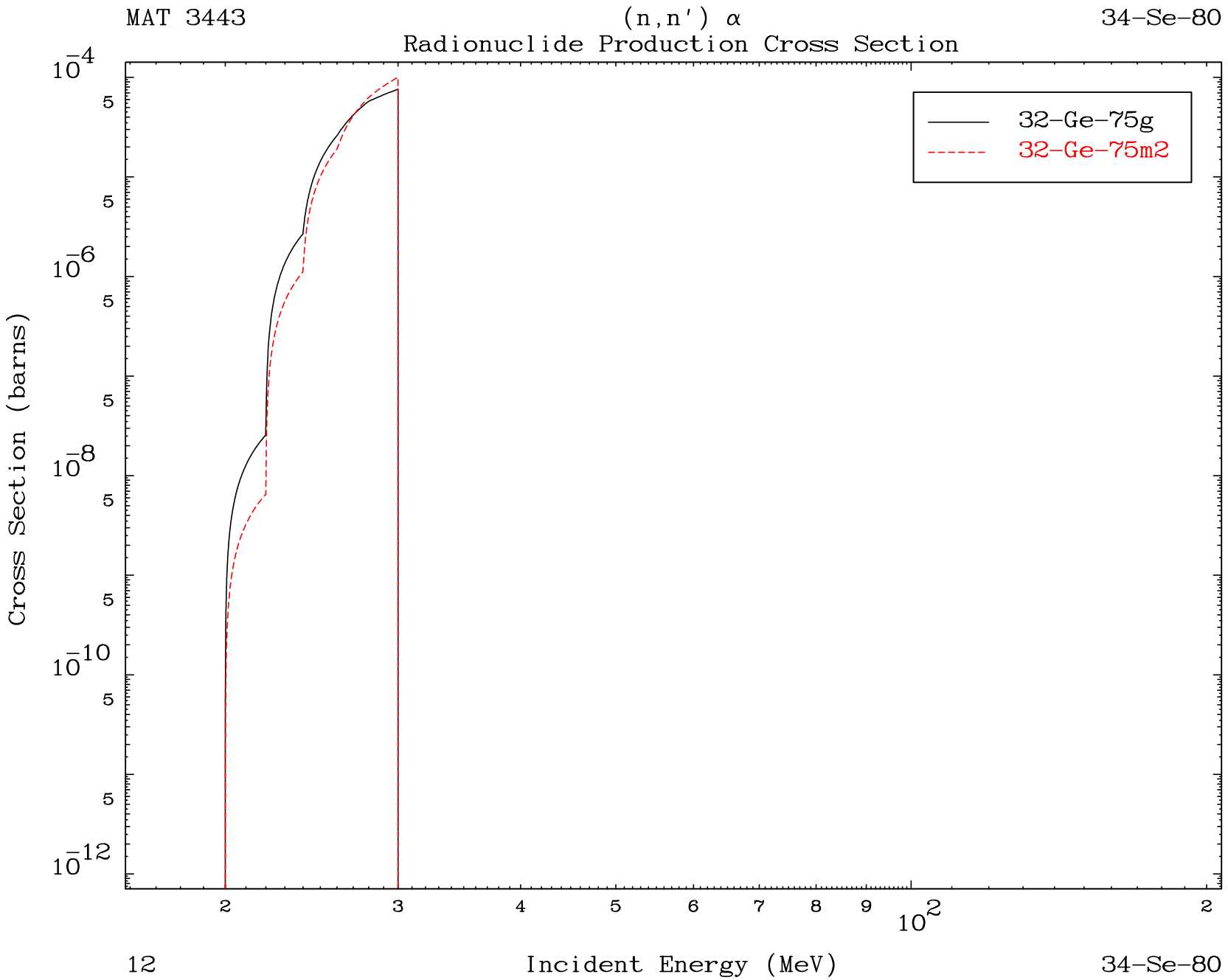

MAT 3443
(γ,d) Levels
34-Se-80
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
7
34-Se-80


0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


MAT 3443
(γ,α) Levels
34-Se-80
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
9
34-Se-80


MAT 3443
Inelastic
34-Se-80
Radionuclide Production Cross Section
Cross Section (barns)
Incident Energy (MeV)
34-Se-80
34-Se-79g
34-Se-79m1


MAT 3443
(n,3n)
34-Se-80
Radionuclide Production Cross Section
34-Se-77g
34-Se-77m1
Cross Section (barns)
Incident Energy (MeV)
11
34-Se-80


MAT 3443
(n,n') α
34-Se-80
Radionuclide Production Cross Section
32-Ge-75g
32-Ge-75m2
Cross Section (barns)
Incident Energy (MeV)
12
34-Se-80