Program EVALPLOT
(Version 2018-1)
by
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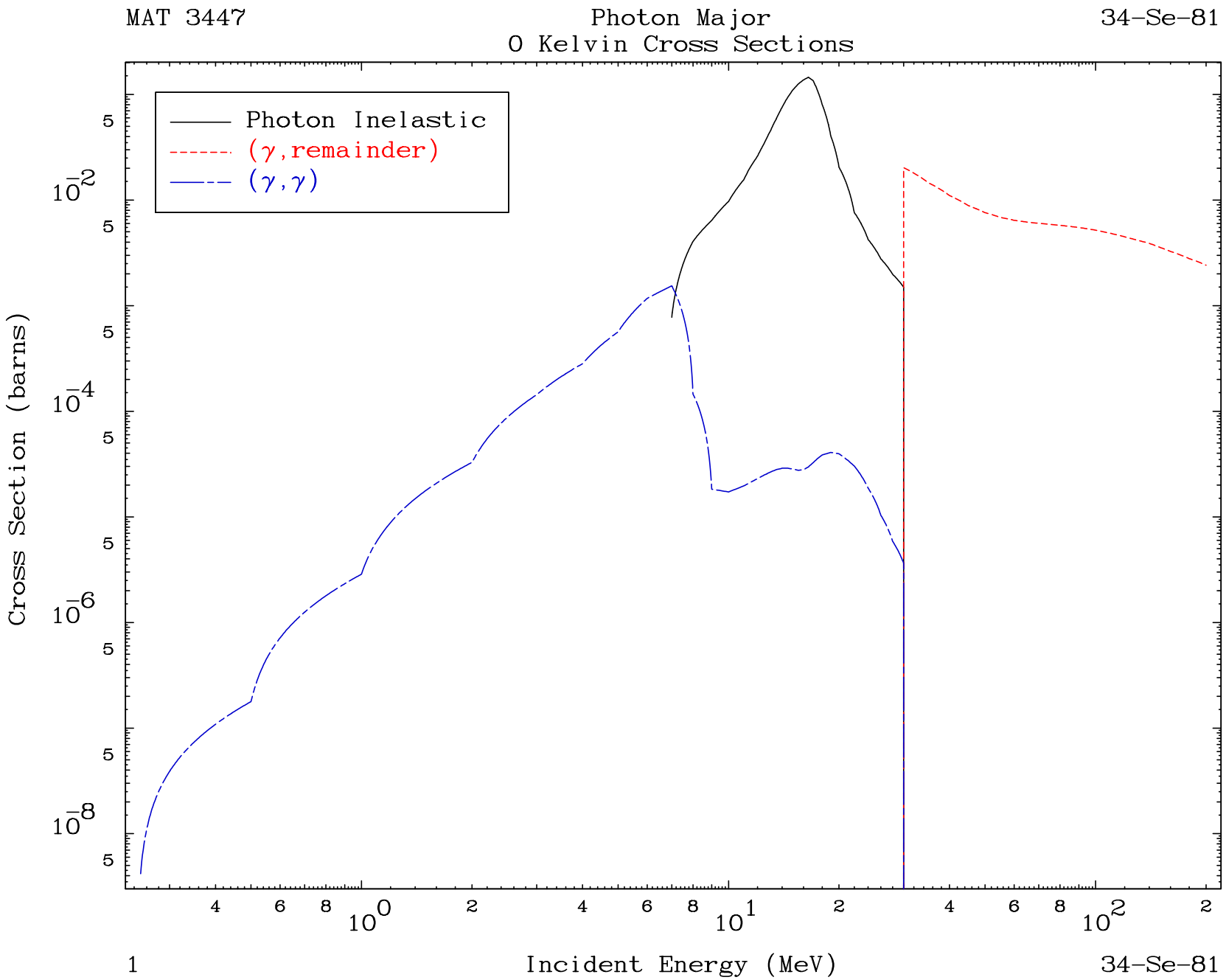
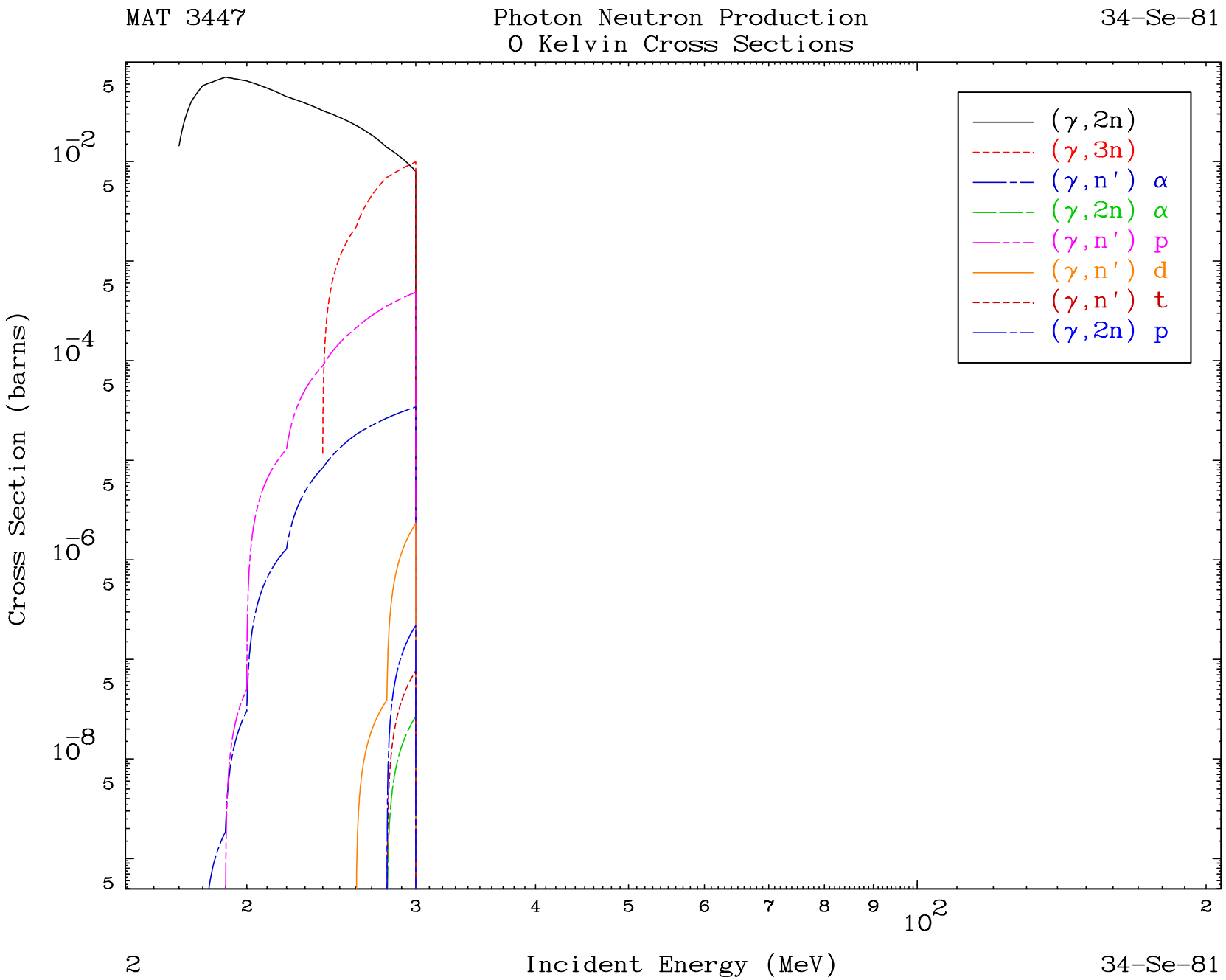
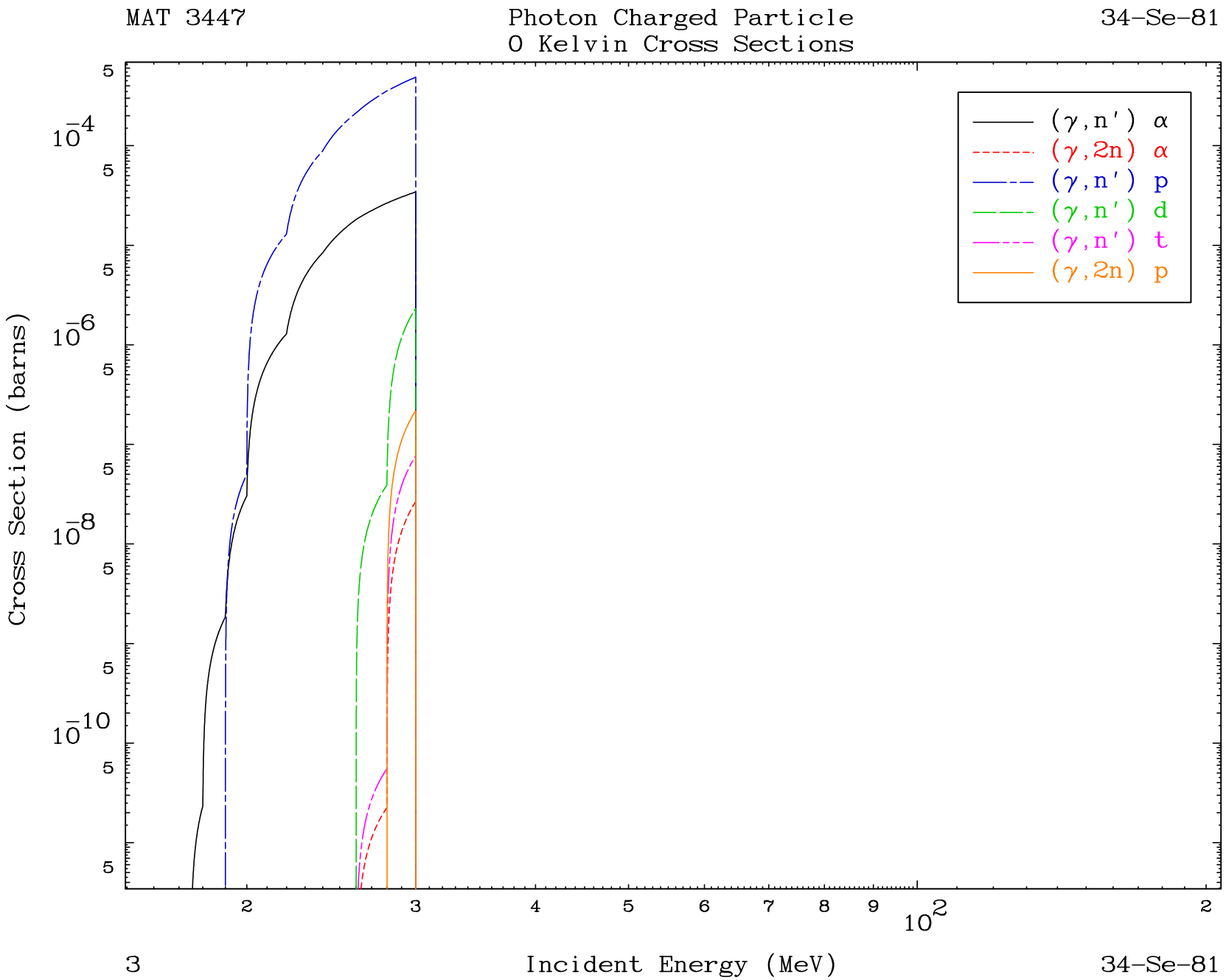
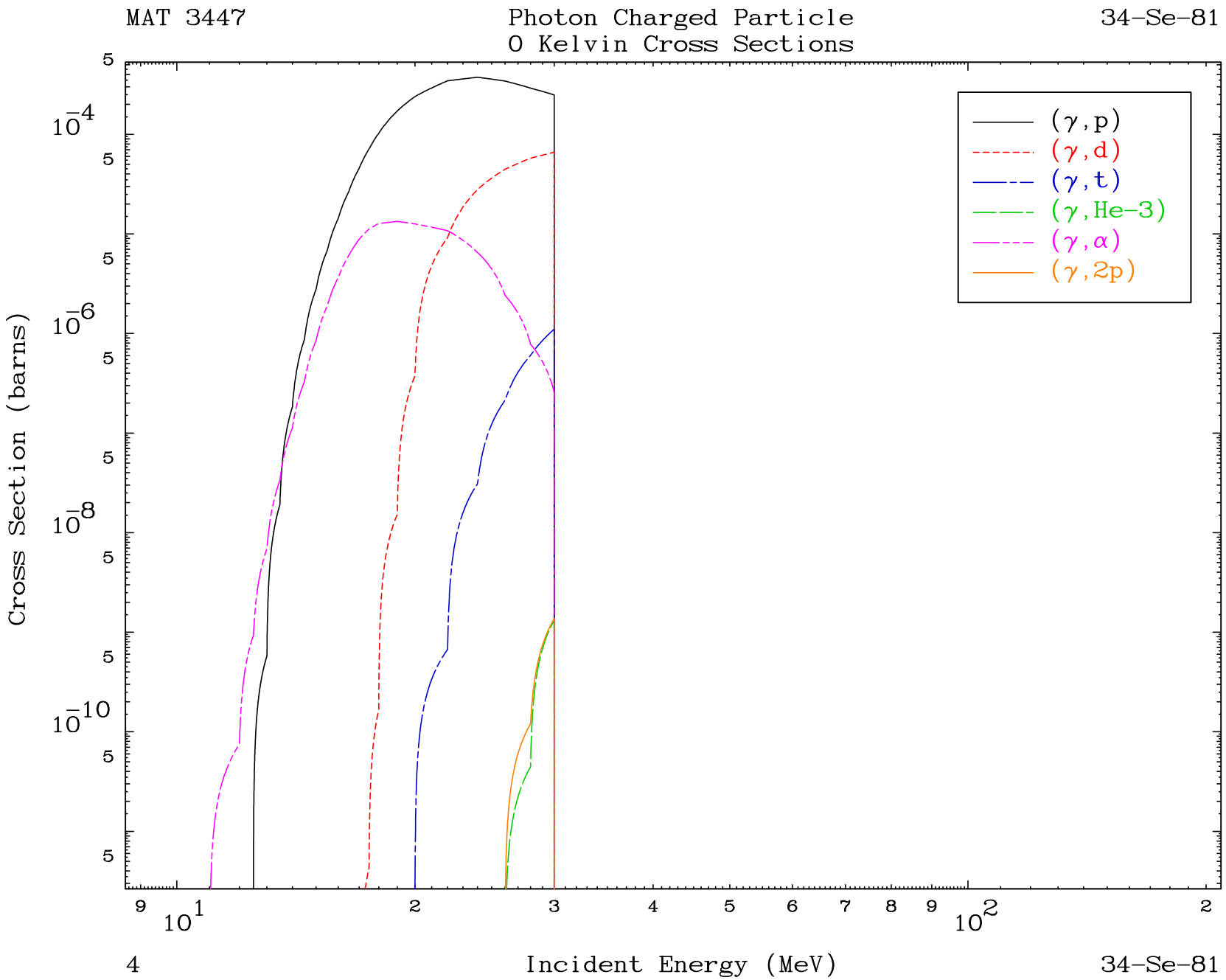
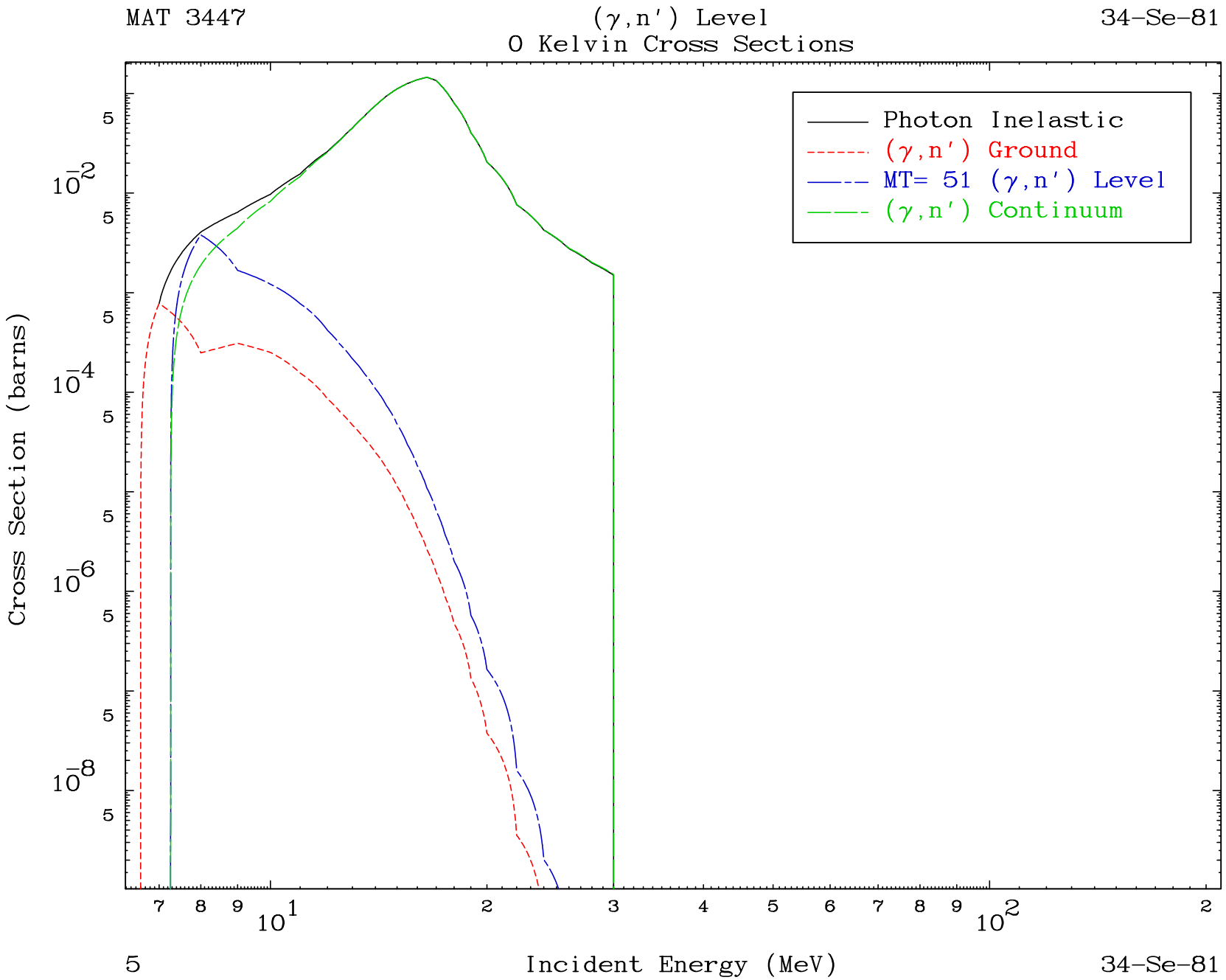
Press Mouse Button to Start

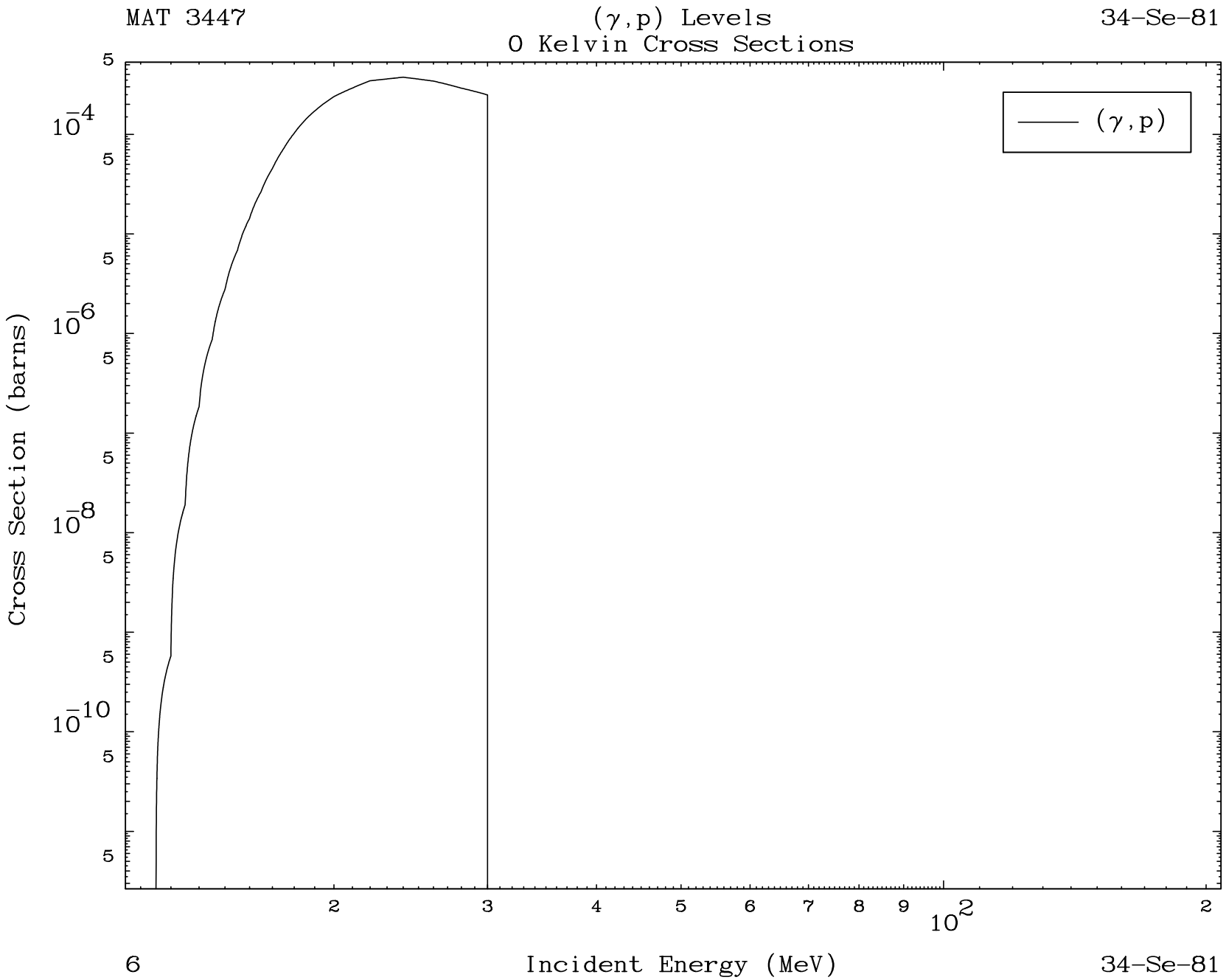

MAT 3447
Photon Major
34-Se-81
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
34-Se-81
1

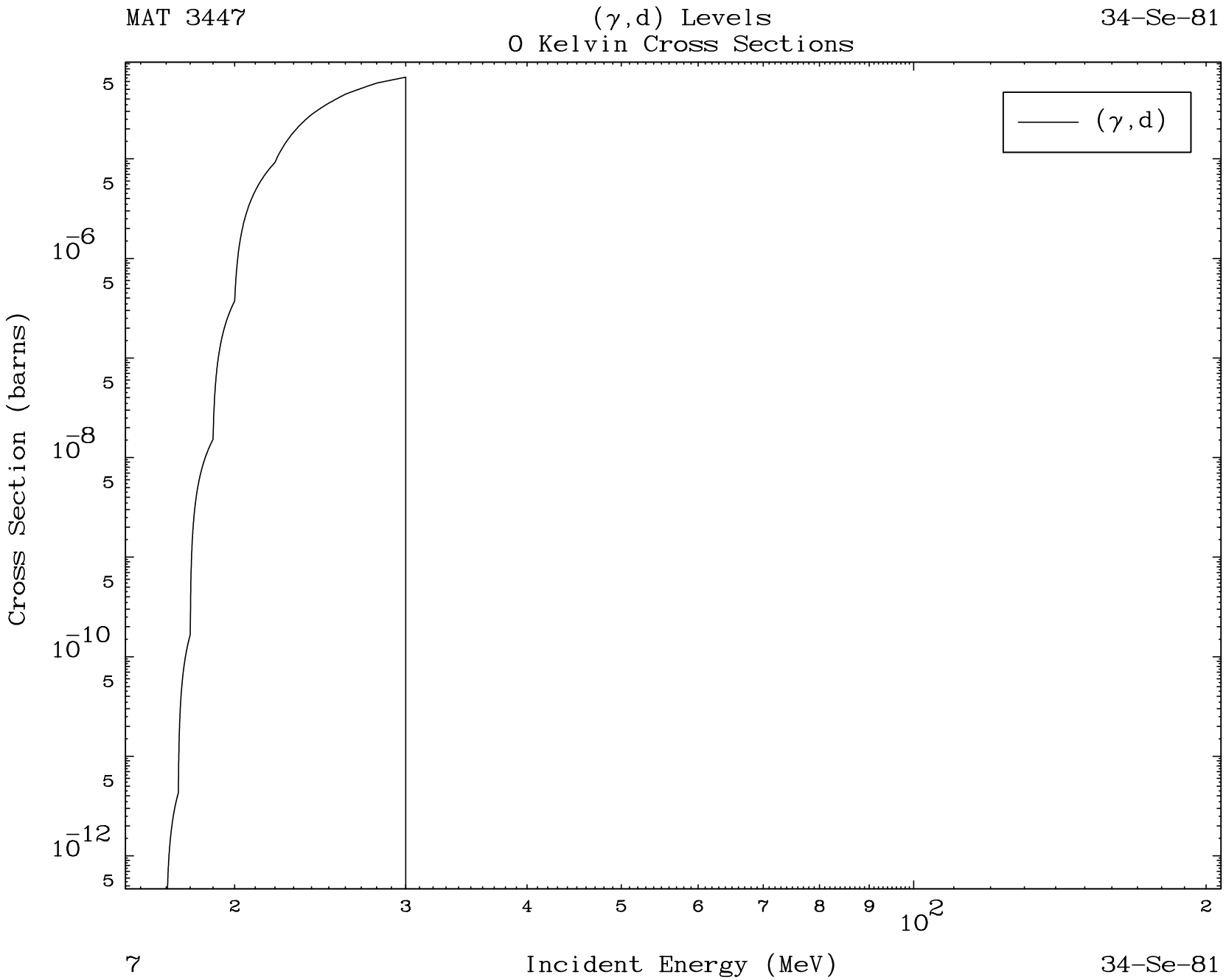

MAT 3447
Photon Neutron Production
0 Kelvin Cross Sections
34-Se-81
Cross Section (barns)
Incident Energy (MeV)
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p

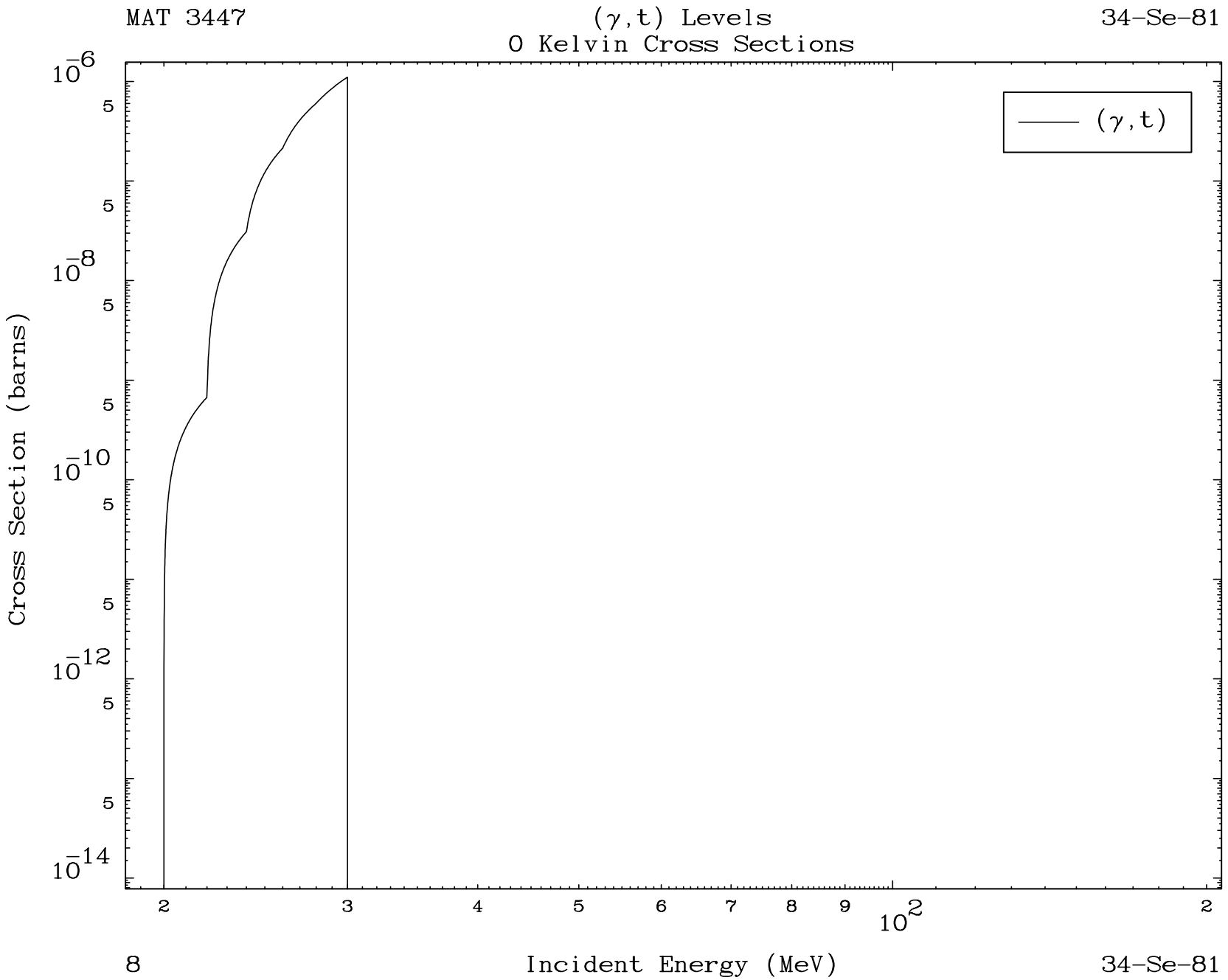

MAT 3447
Photon Charged Particle
0 Kelvin Cross Sections
34-Se-81
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
3
34-Se-81

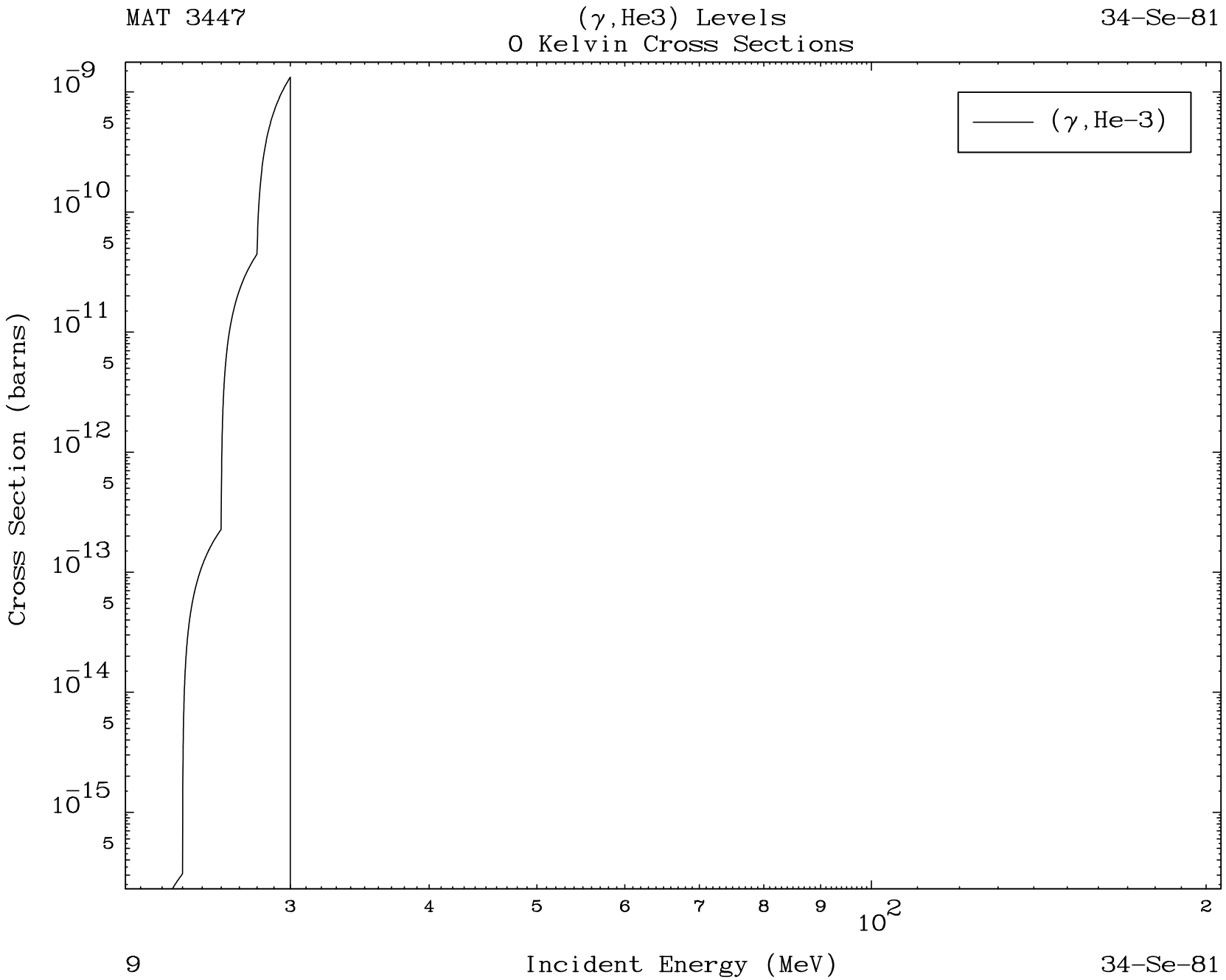

MAT 3447
Photon Charged Particle
0 Kelvin Cross Sections
34-Se-81
Cross Section (barns)
Incident Energy (MeV)
(γ,p)
(γ,d)
(γ,t)
(γ,He-3)
(γ,α)
(γ,2p)
4
34-Se-81

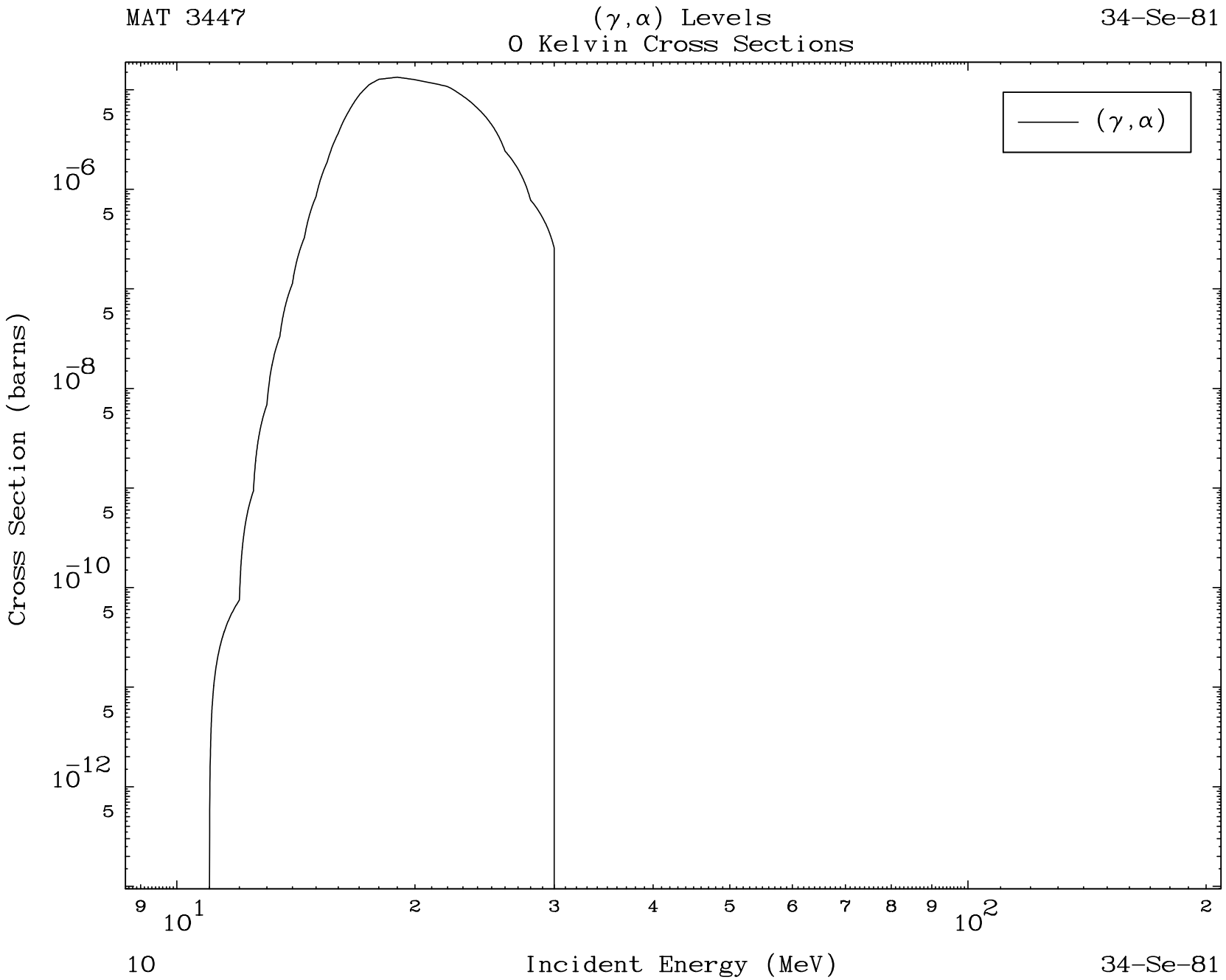

MAT 3447
(γ,n') Level
34-Se-81
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
34-Se-81
5

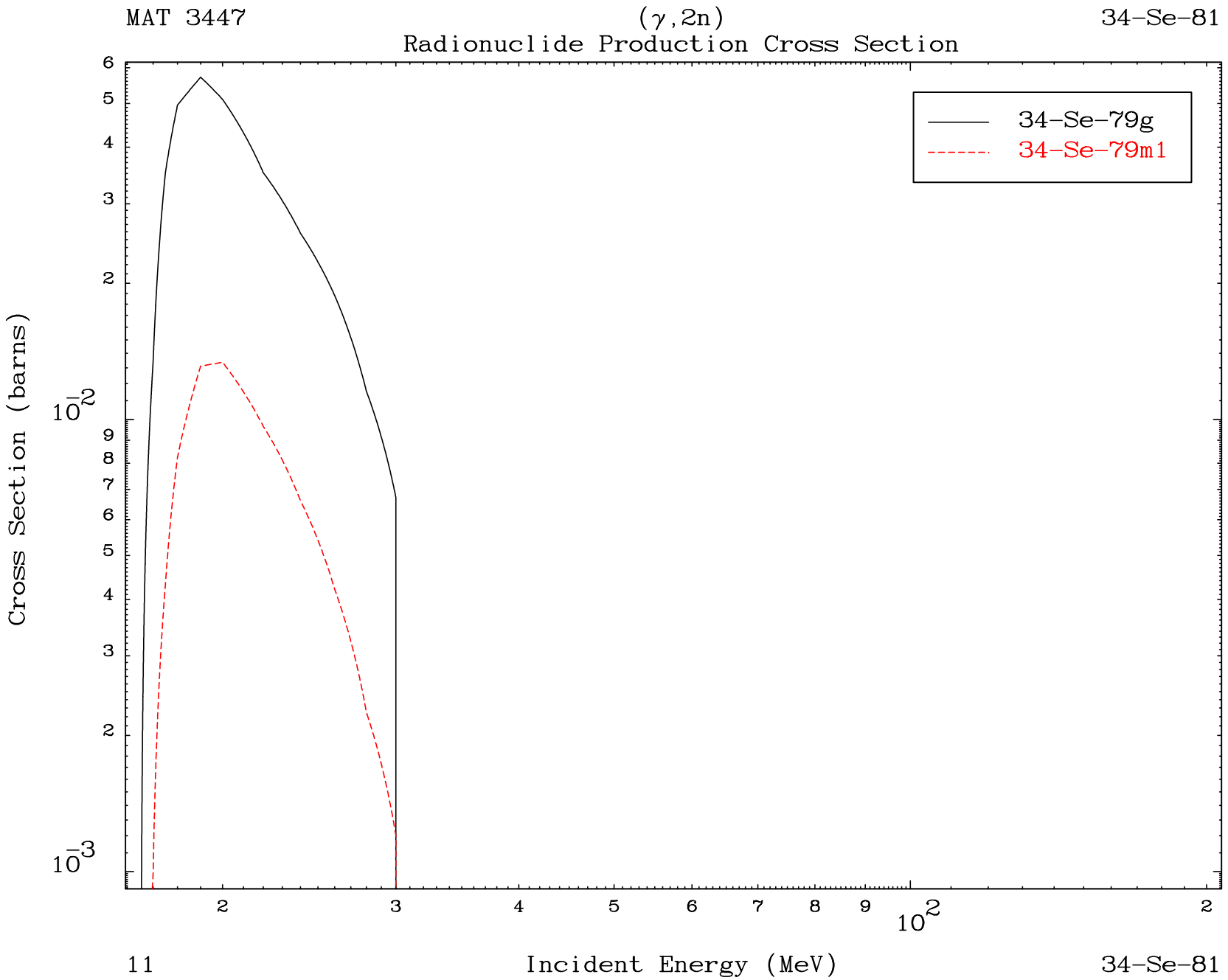

MAT 3447
(γ,p) Levels
34-Se-81
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
6
Incident Energy (MeV)
34-Se-81

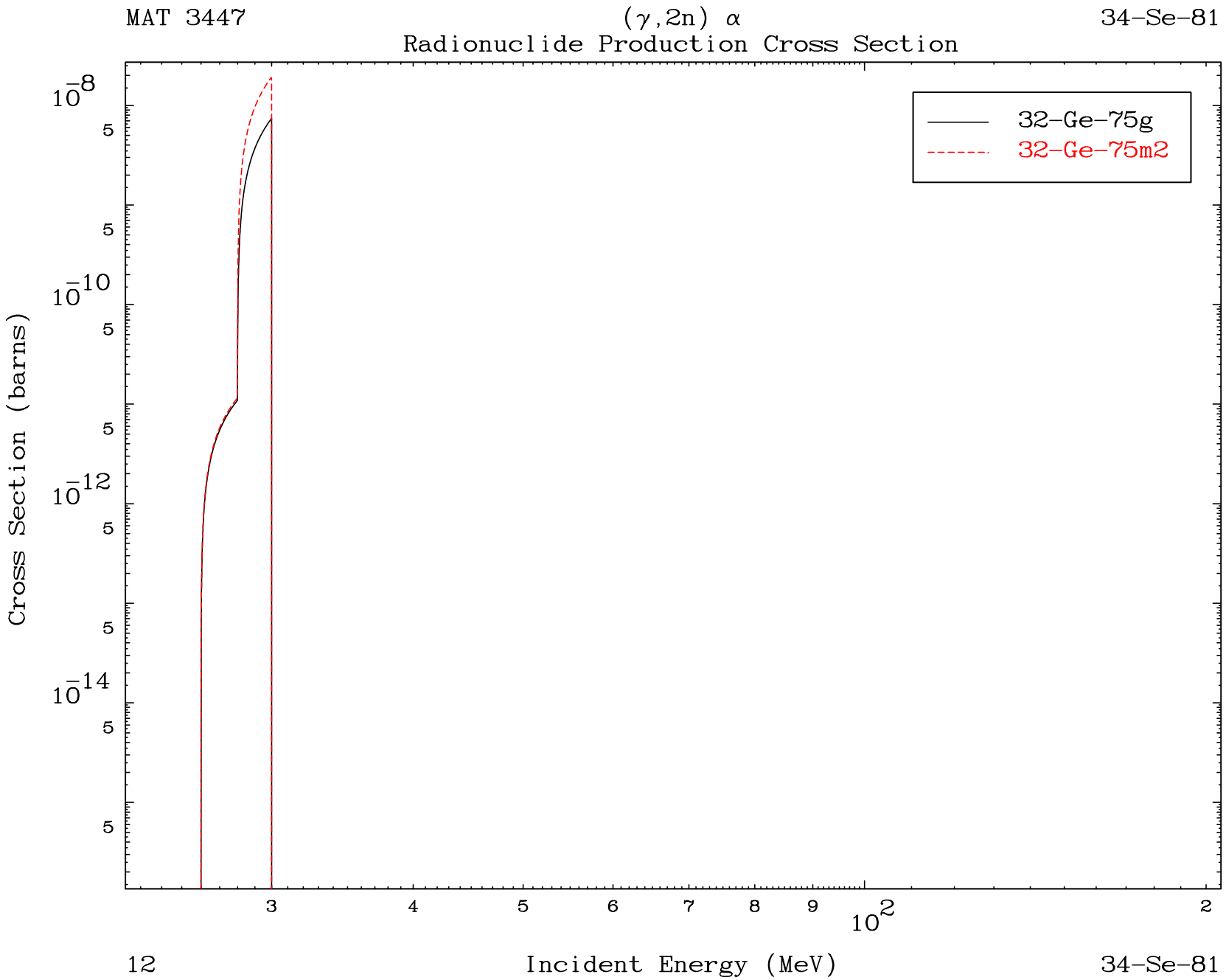

MAT 3447
(γ,d) Levels
34-Se-81
0 Kelvin Cross Sections
(γ,d)
Cross Section (barns)
10-6
10-8
10-10
10-12
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
34-Se-81

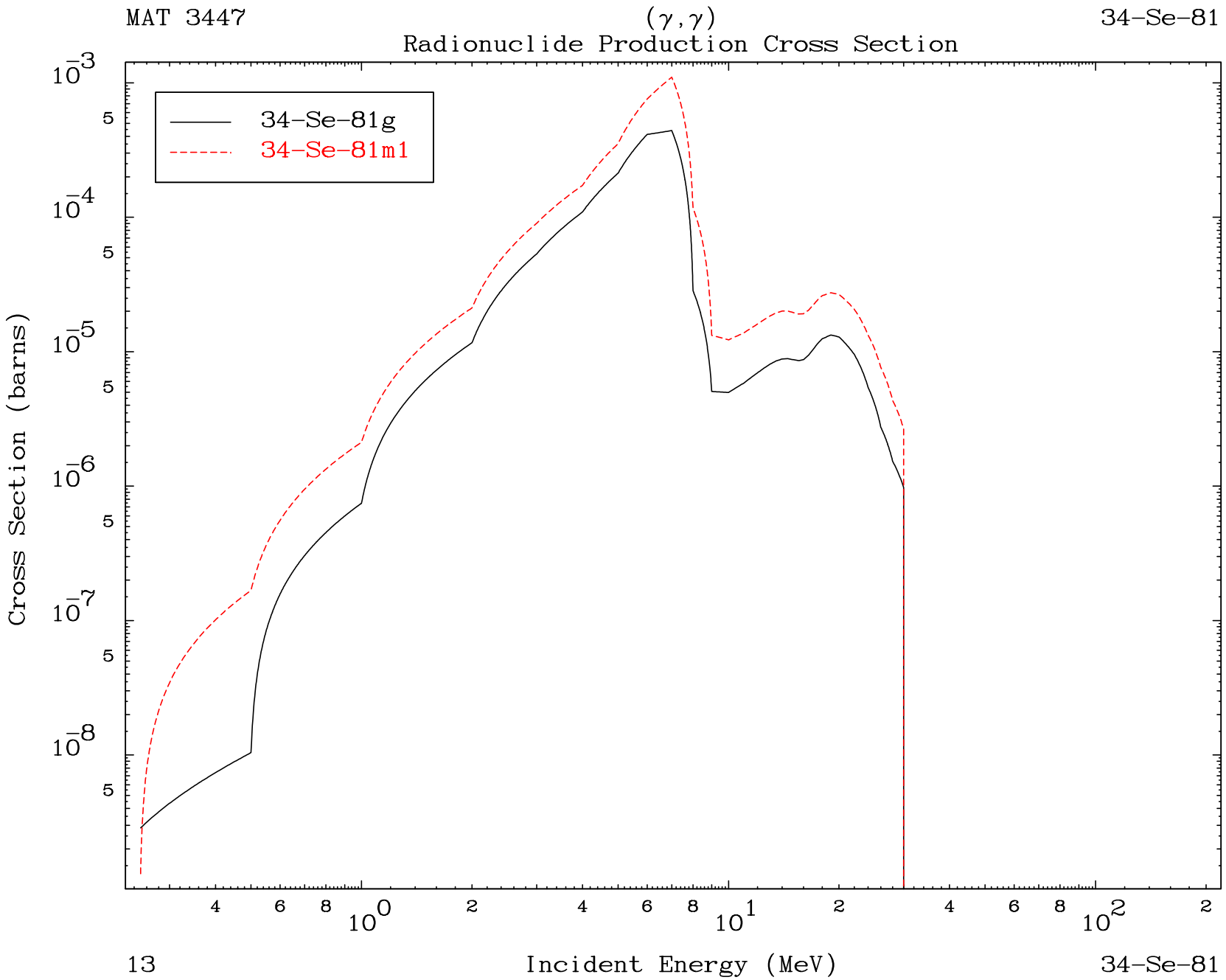

MAT 3447
(γ,t) Levels
34-Se-81
0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10-6
10-8
10-10
10-12
10-14
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
8
34-Se-81

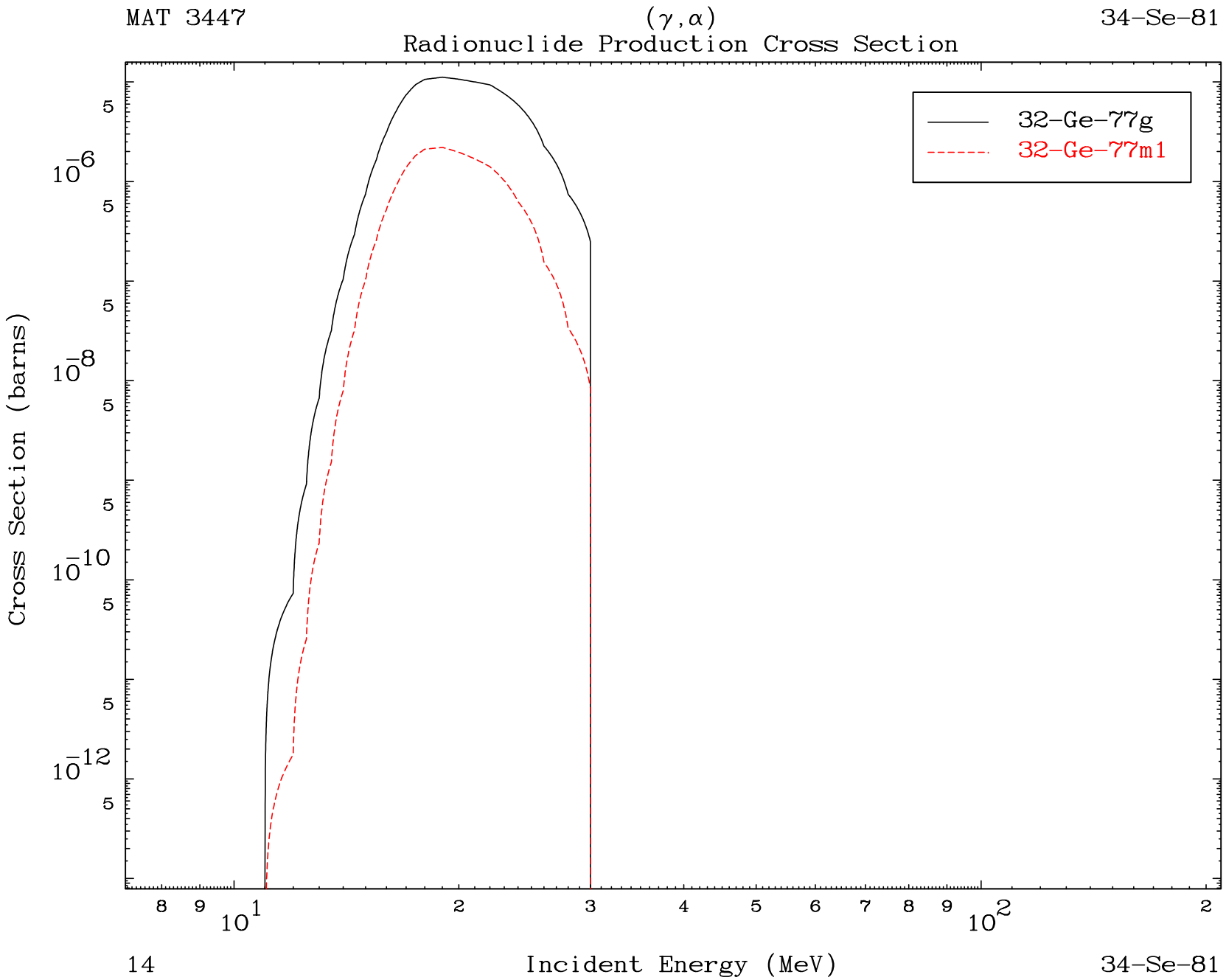

MAT 3447
(γ,He3) Levels
34-Se-81
0 Kelvin Cross Sections
(γ,He-3)
Cross Section (barns)
10-9
10-10
10-11
10-12
10-13
10-14
10-15
3
4
5
6
7
8
9
10+2
2
Incident Energy (MeV)
9
34-Se-81

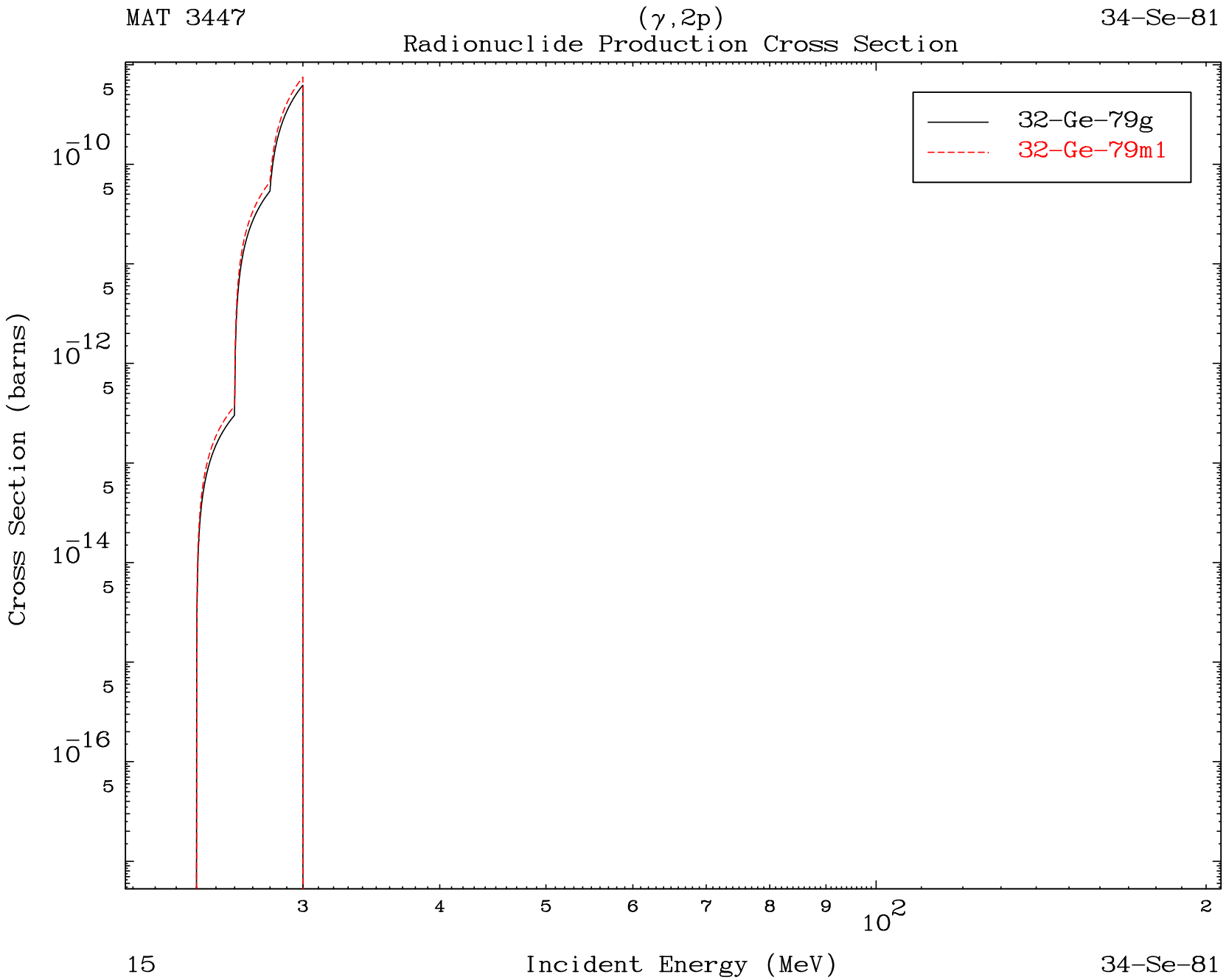

MAT 3447
(γ,α) Levels
34-Se-81
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
9
10^1
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
34-Se-81


MAT 3447
(γ,2n)
34-Se-81
Radionuclide Production Cross Section
34-Se-79g
34-Se-79m1
Cross Section (barns)
Incident Energy (MeV)
11
34-Se-81


MAT 3447
(γ,2n) α
34-Se-81
Radionuclide Production Cross Section
32-Ge-75g
32-Ge-75m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
3
4
5
6
7
8
9
10^2
2
12
Incident Energy (MeV)
34-Se-81


MAT 3447
(γ,γ)
34-Se-81
Radionuclide Production Cross Section
34-Se-81g
34-Se-81m1
Cross Section (barns)
Incident Energy (MeV)
13
34-Se-81


MAT 3447
(γ,α)
34-Se-81
Radionuclide Production Cross Section
32-Ge-77g
32-Ge-77m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
14
34-Se-81


MAT 3447
(γ,2p)
34-Se-81
Radionuclide Production Cross Section
32-Ge-79g
32-Ge-79m1
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
15
34-Se-81