Program EVALPLOT
(Version 2017-1)
by
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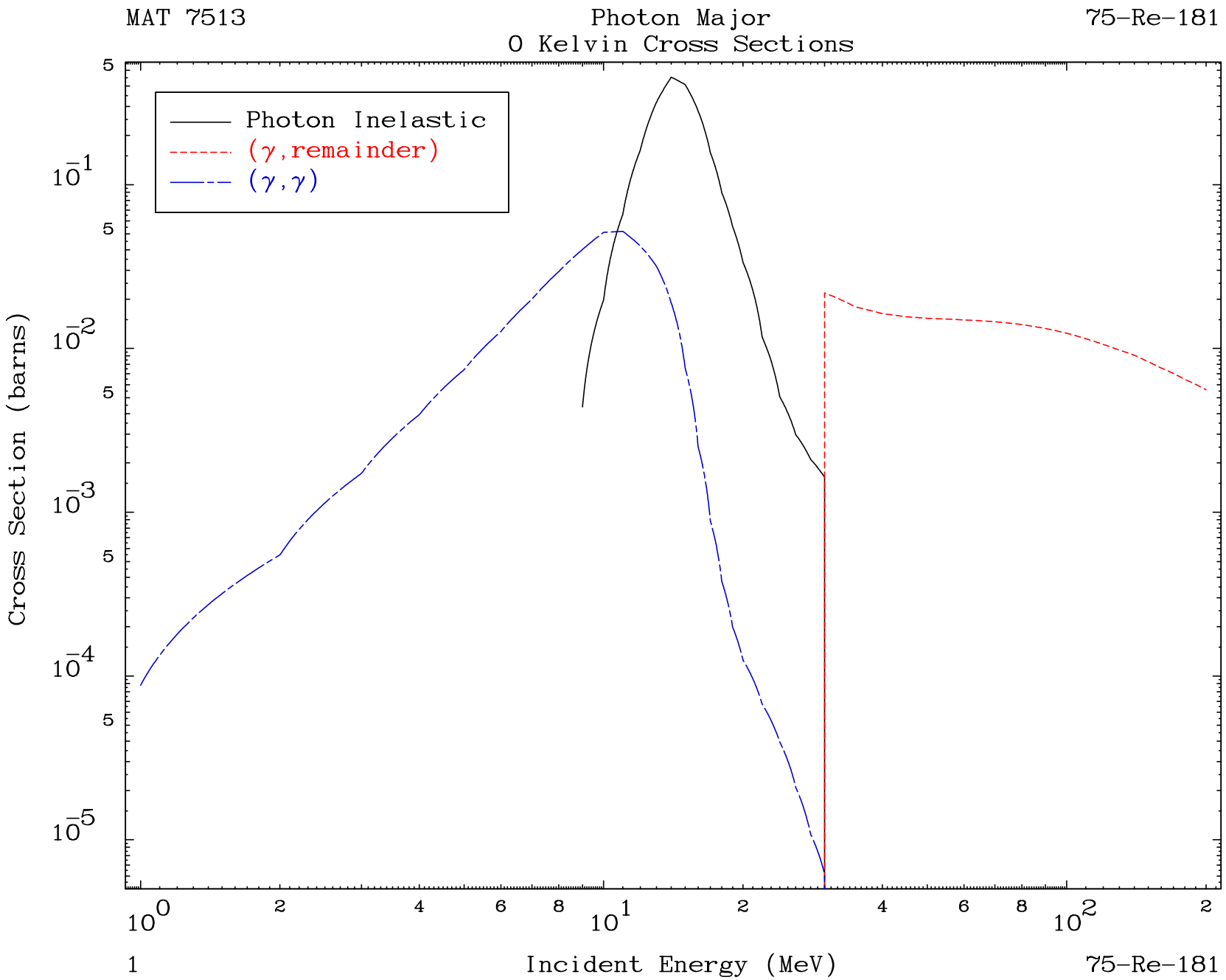
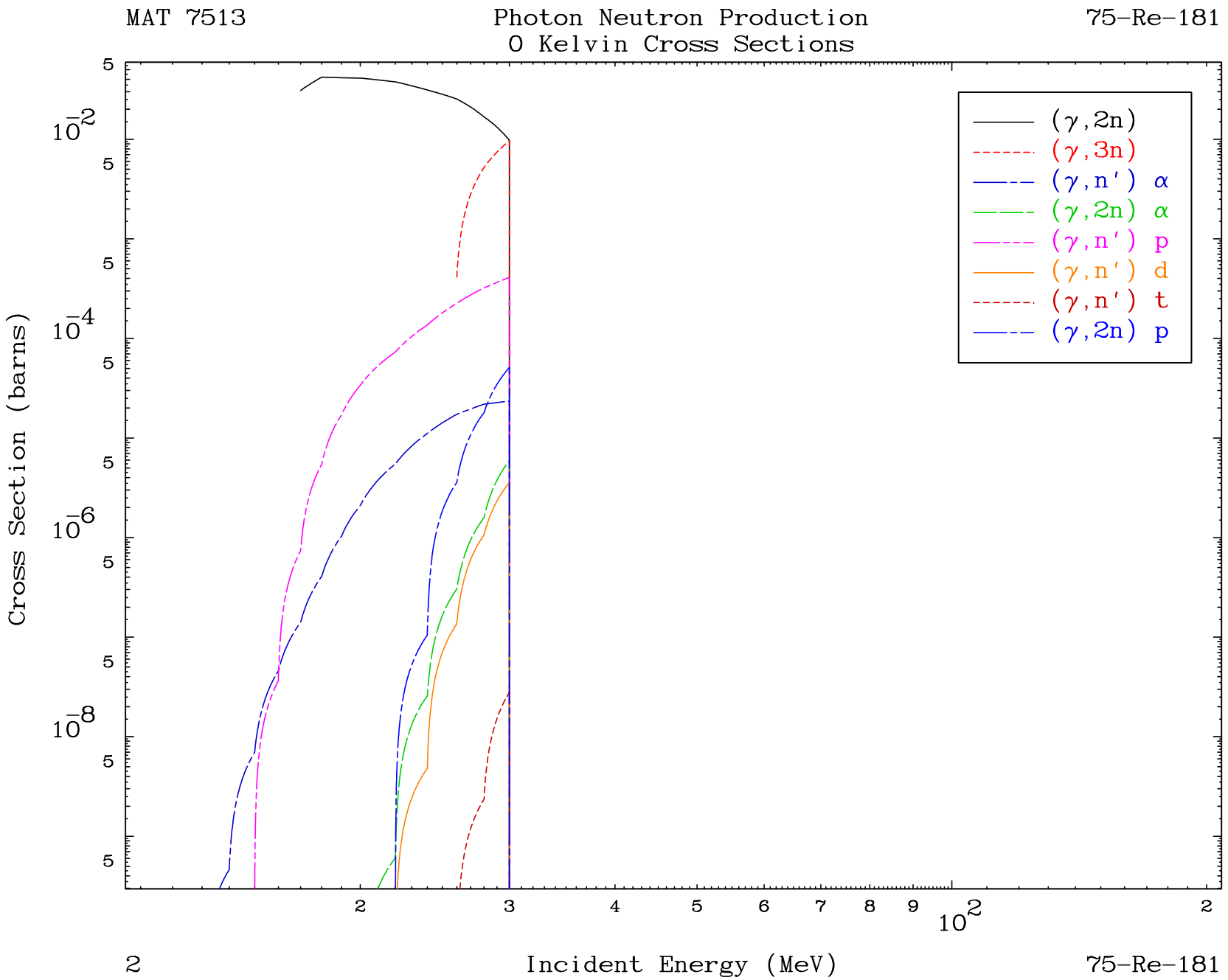
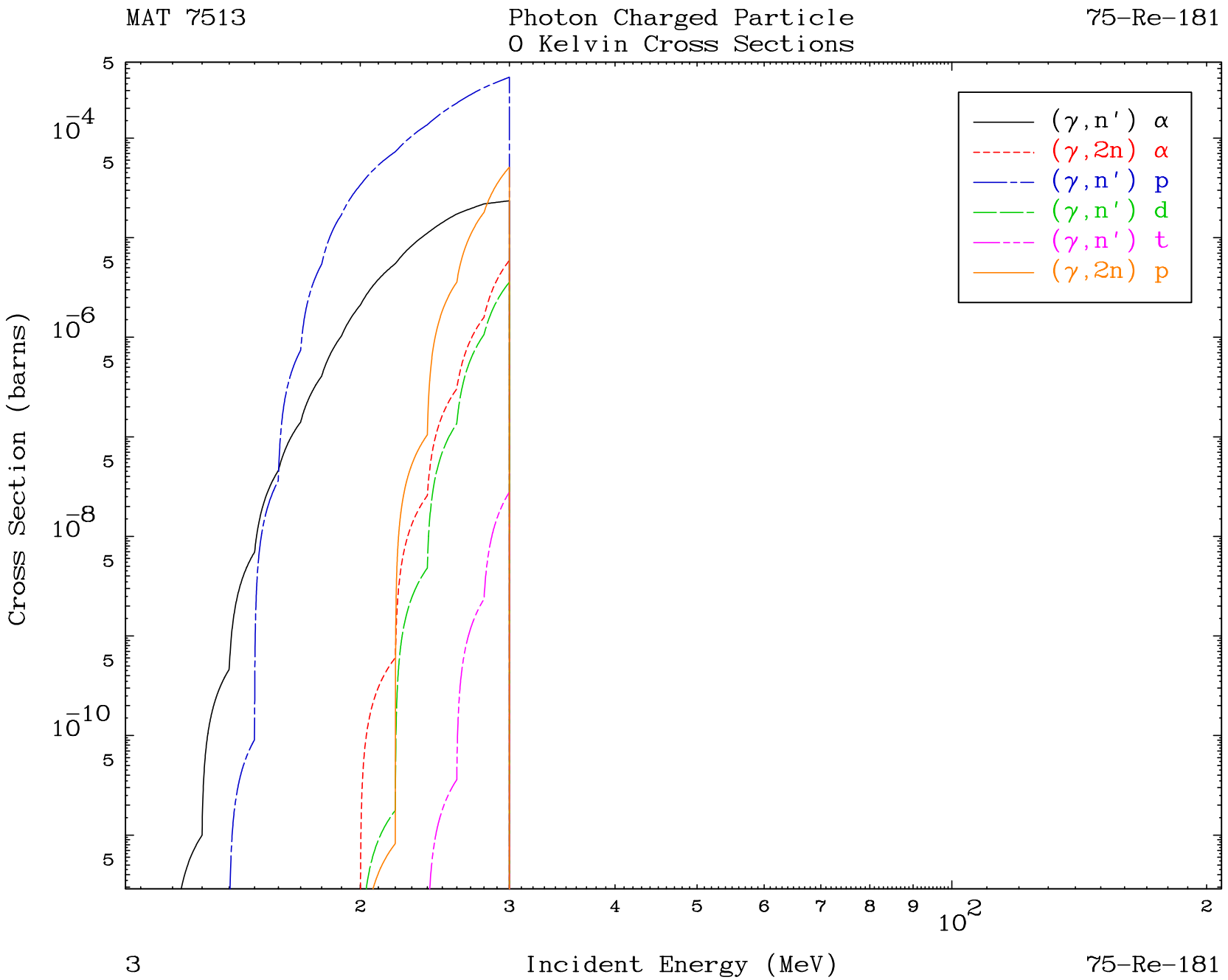
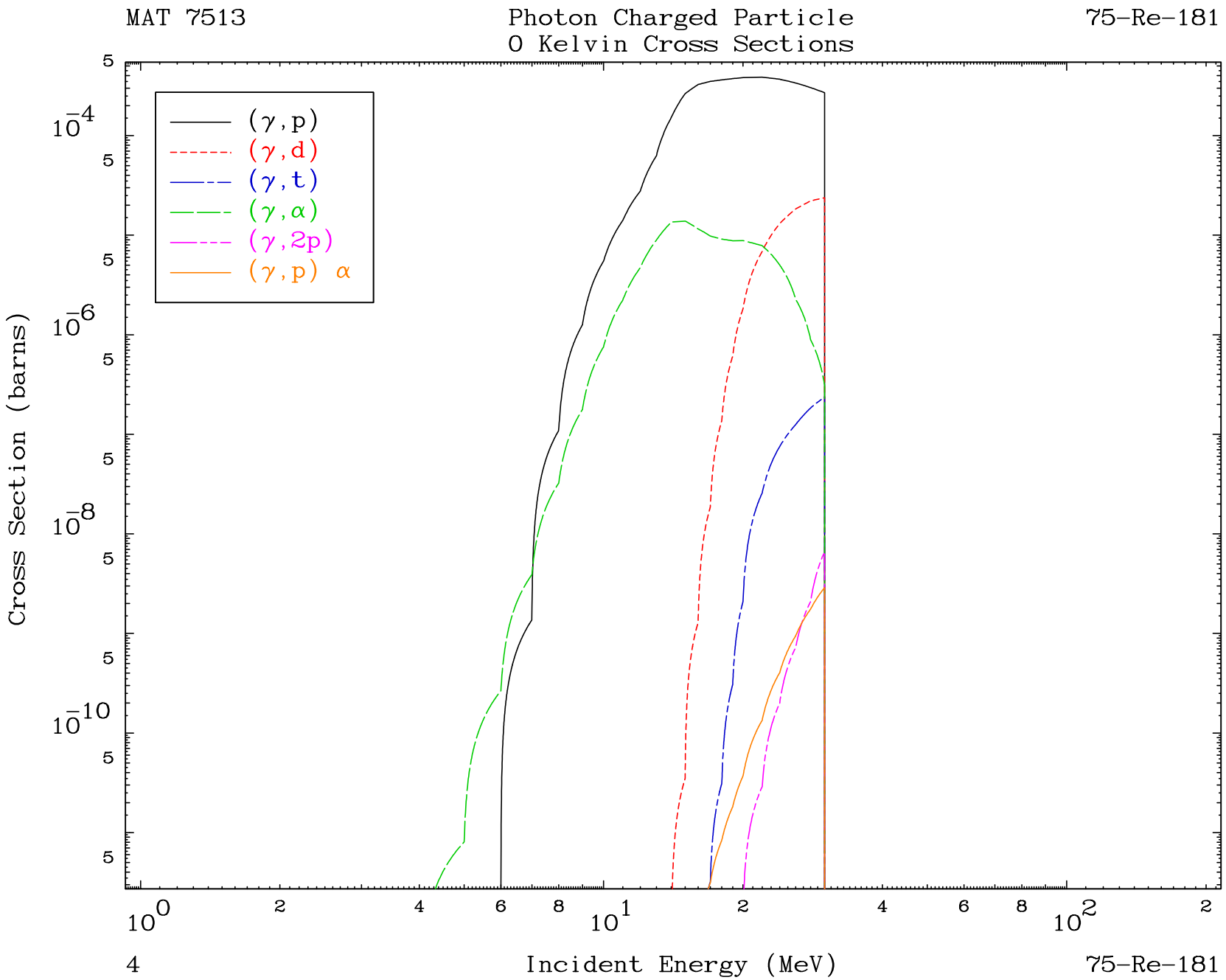
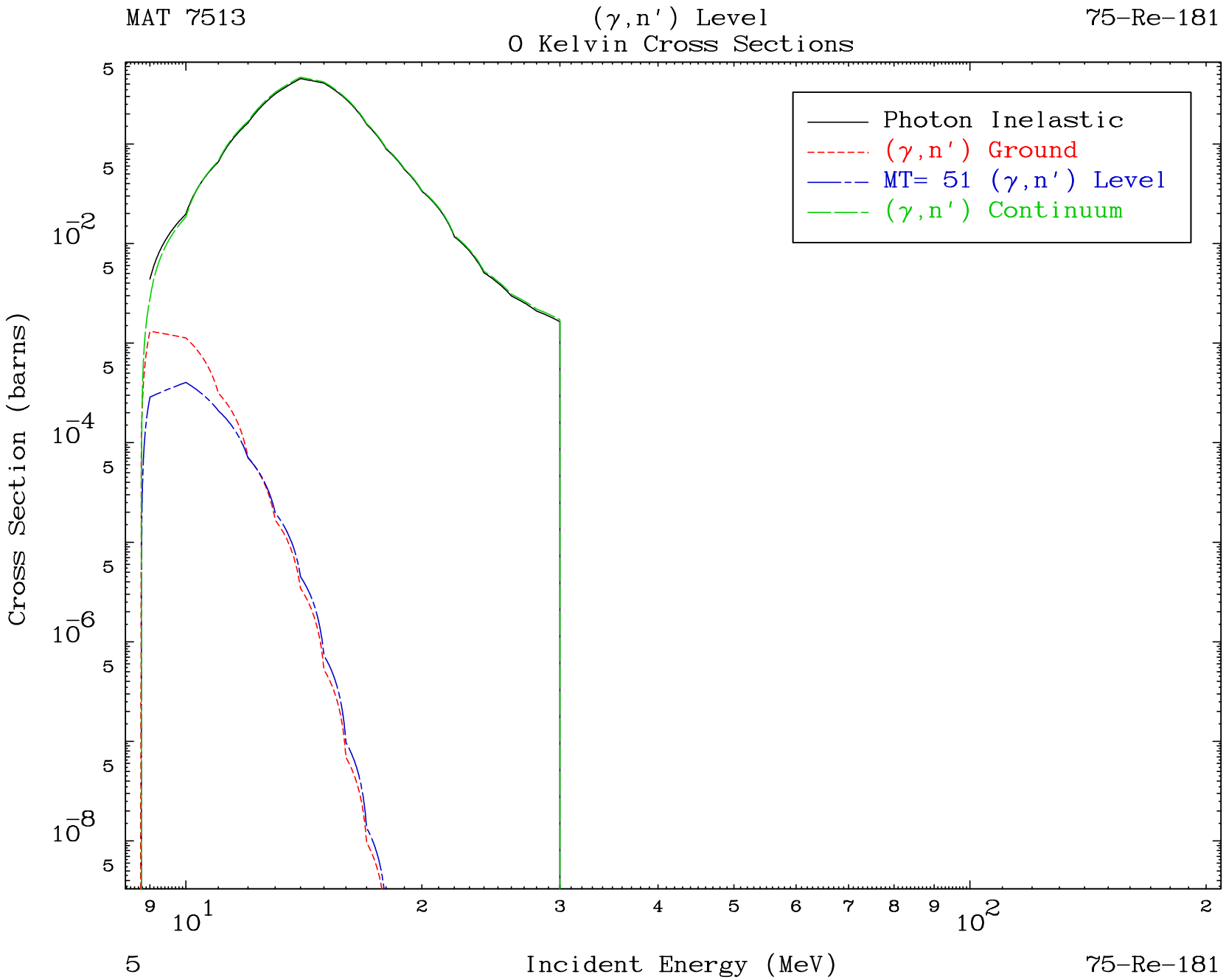
Press Mouse Button to Start

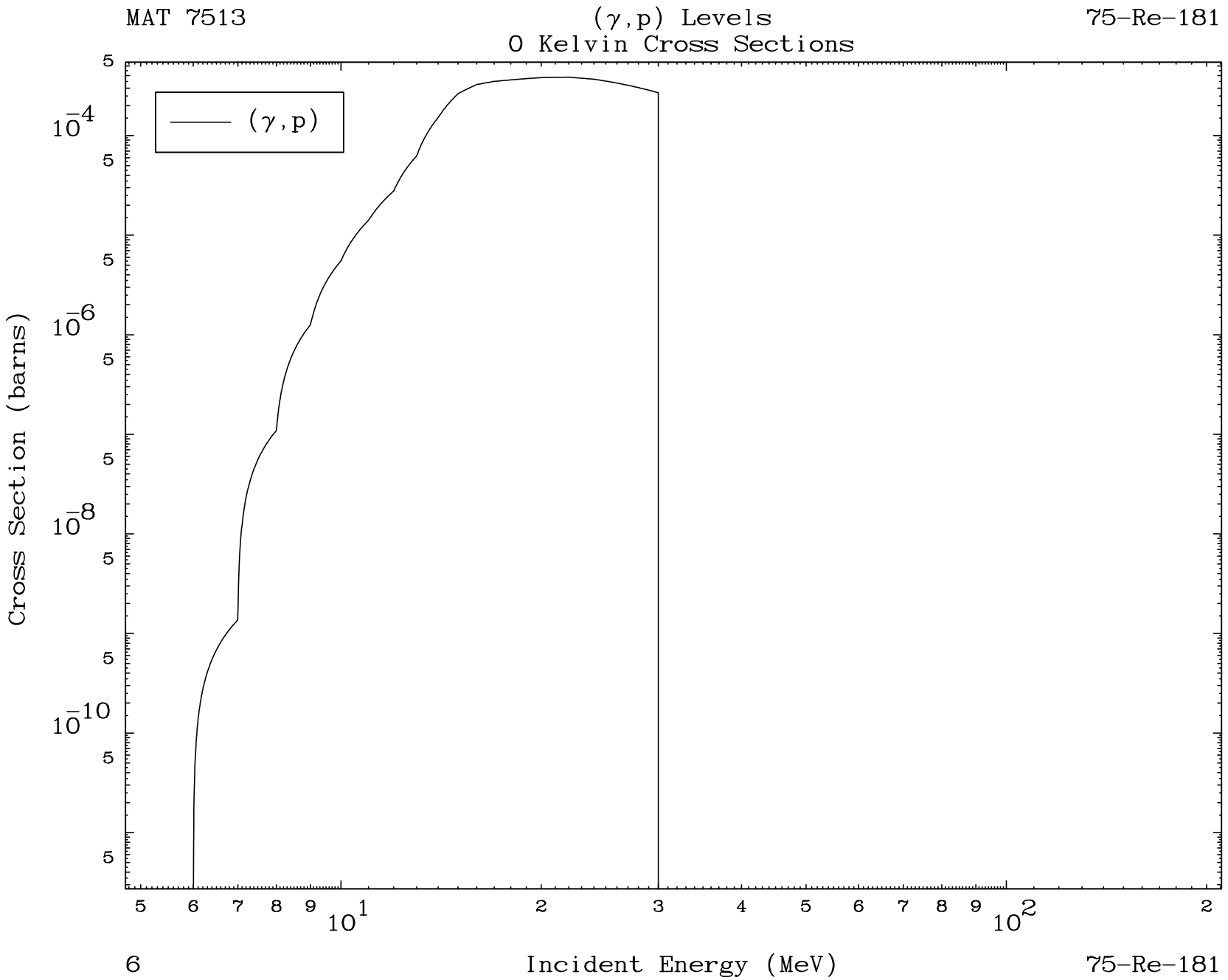

MAT 7513
Photon Major
75-Re-181
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
75-Re-181

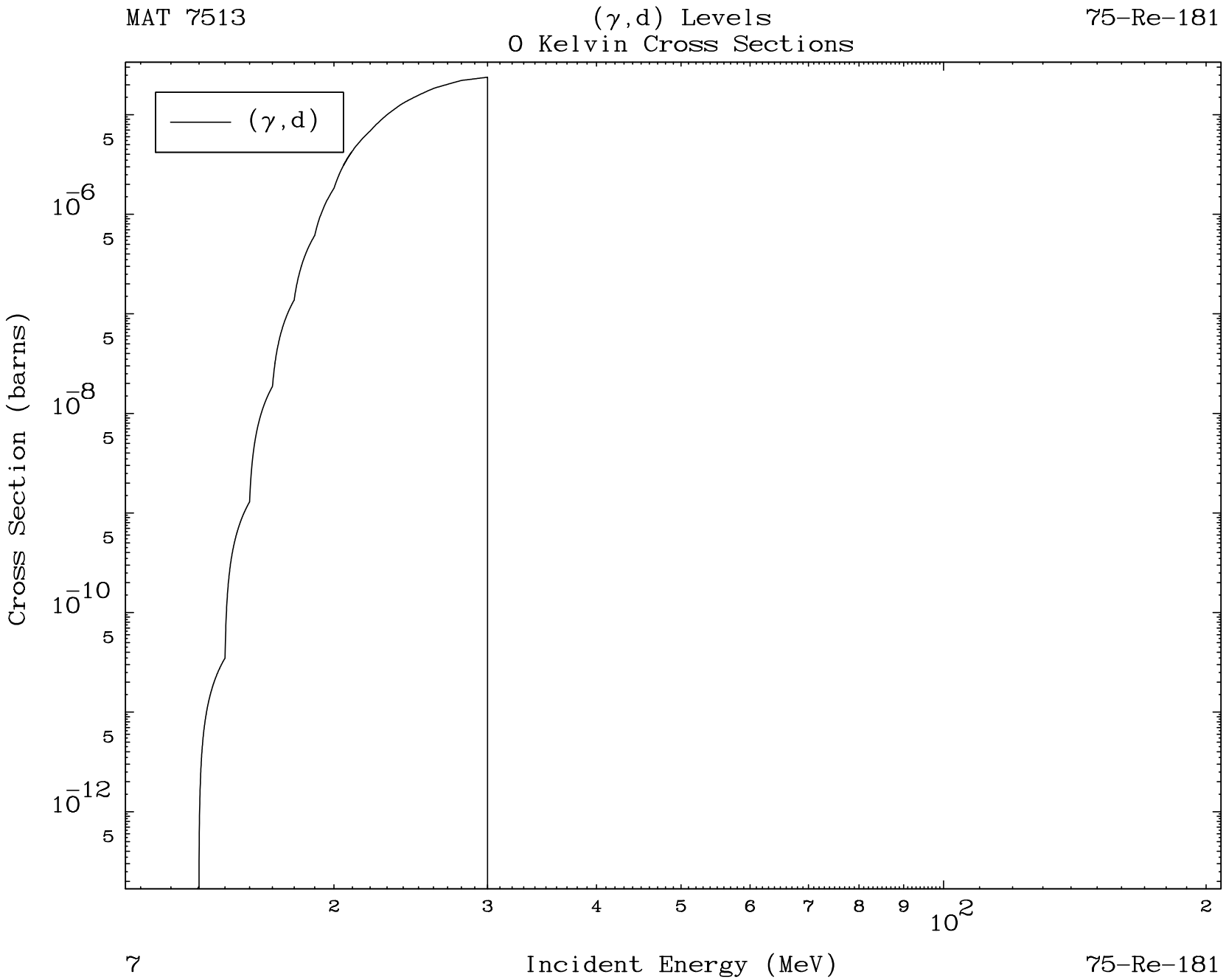

MAT 7513
Photon Neutron Production
0 Kelvin Cross Sections
75-Re-181
Cross Section (barns)
Incident Energy (MeV)
75-Re-181
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p

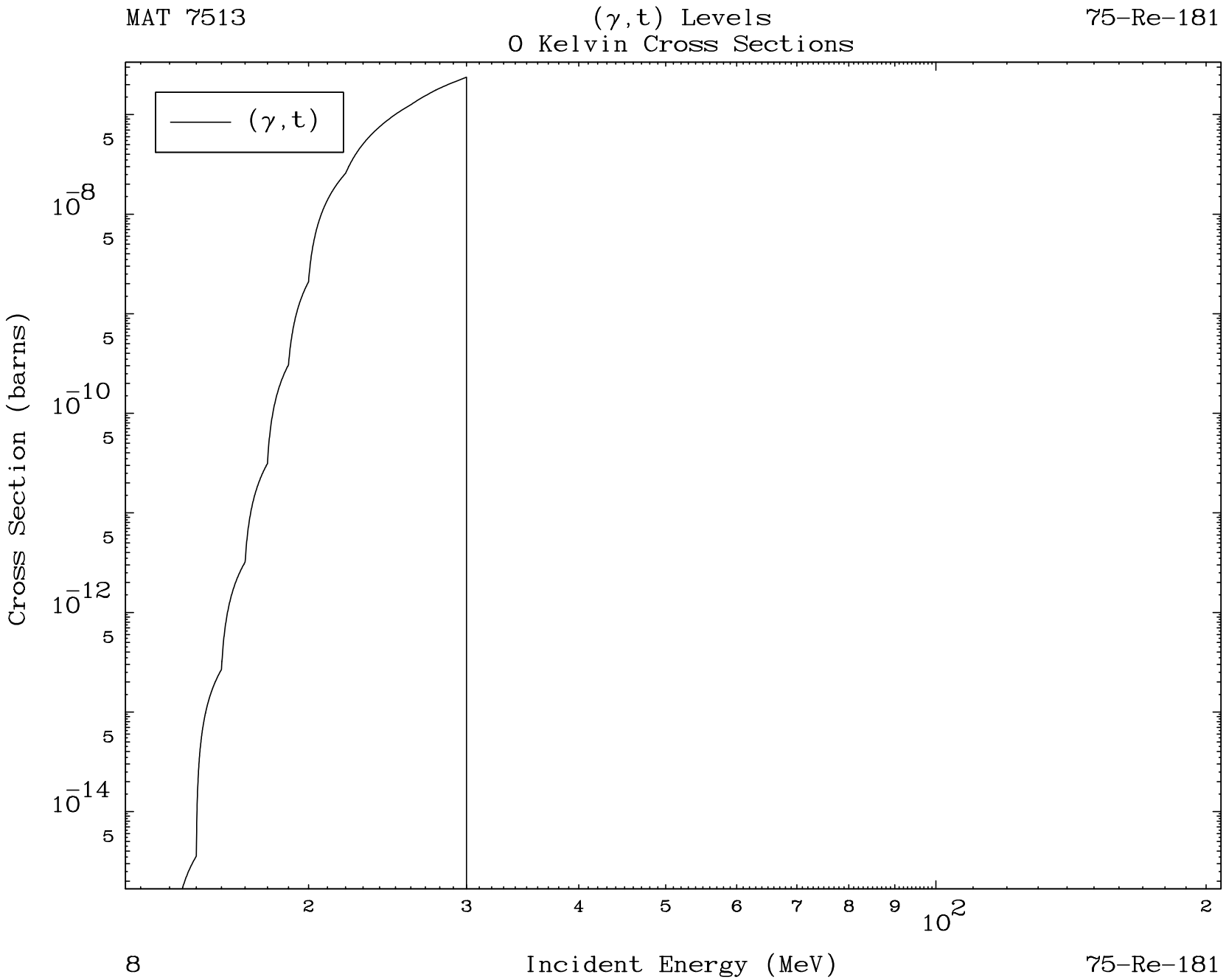

MAT 7513
Photon Charged Particle
0 Kelvin Cross Sections
75-Re-181
Cross Section (barns)
Incident Energy (MeV)
3
75-Re-181
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p

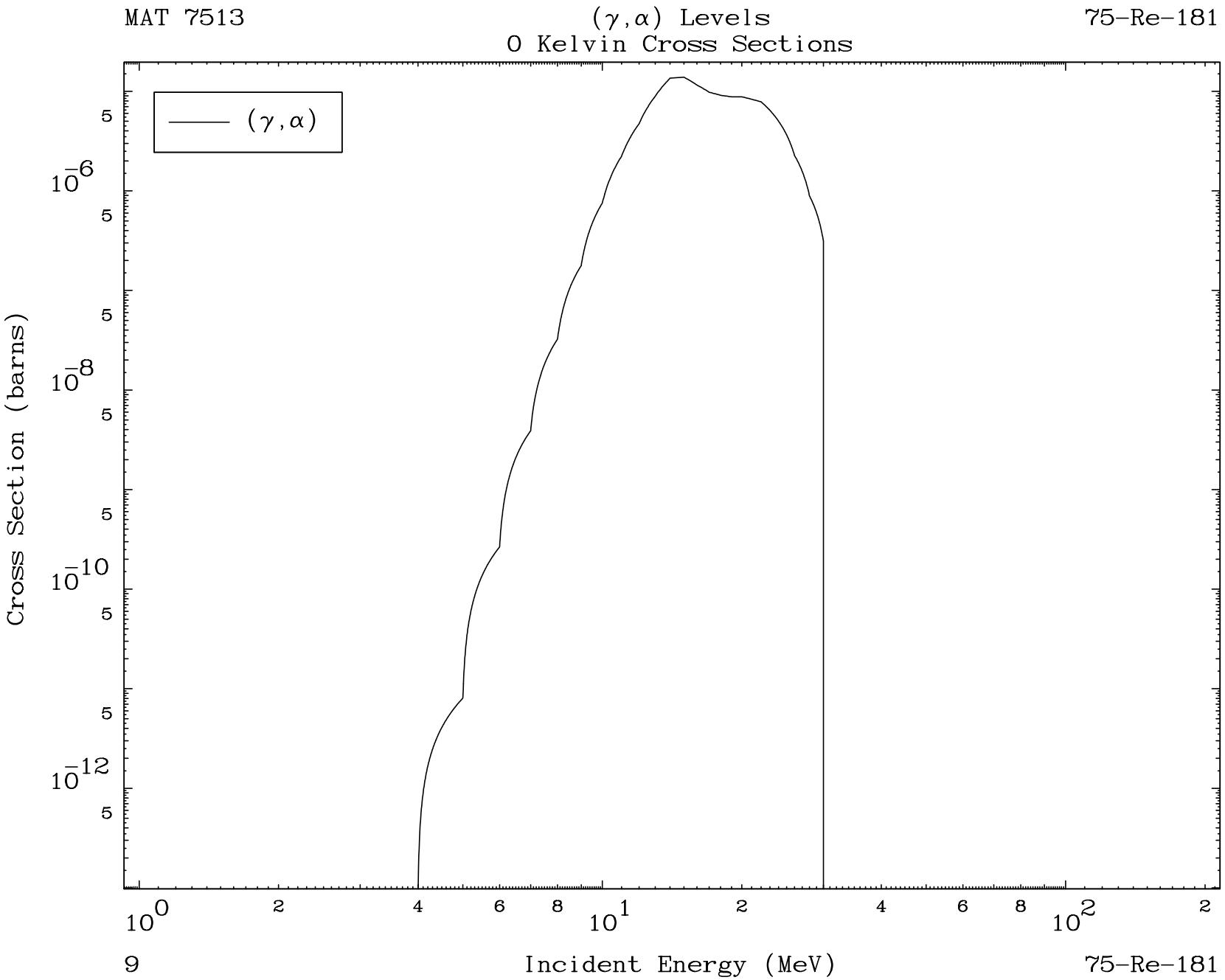

MAT 7513
Photon Charged Particle
0 Kelvin Cross Sections
75-Re-181
(γ,p)
(γ,d)
(γ,t)
(γ,α)
(γ,2p)
(γ,p) α
Cross Section (barns)
Incident Energy (MeV)
75-Re-181
4

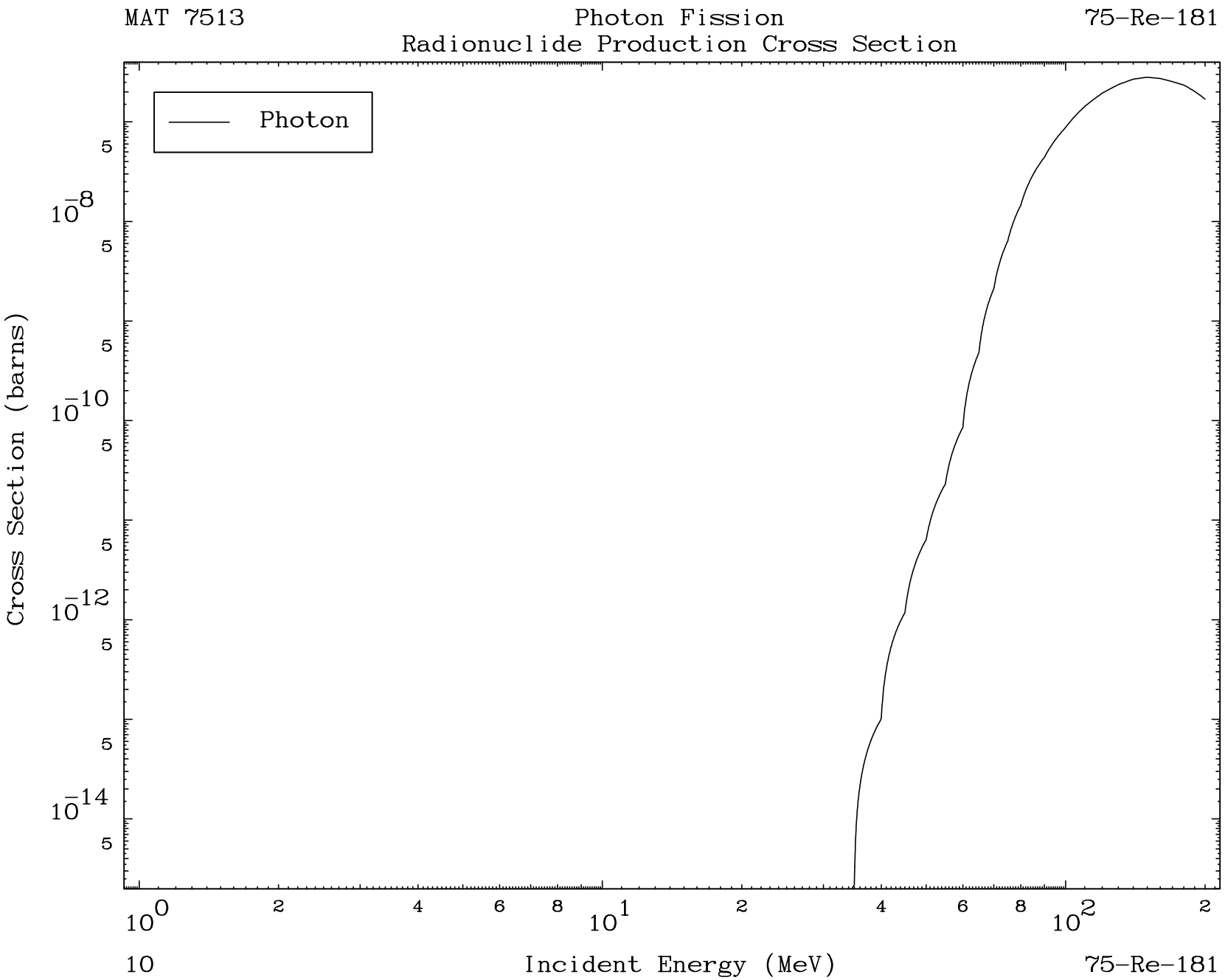

MAT 7513
(γ,n') Level
75-Re-181
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
75-Re-181

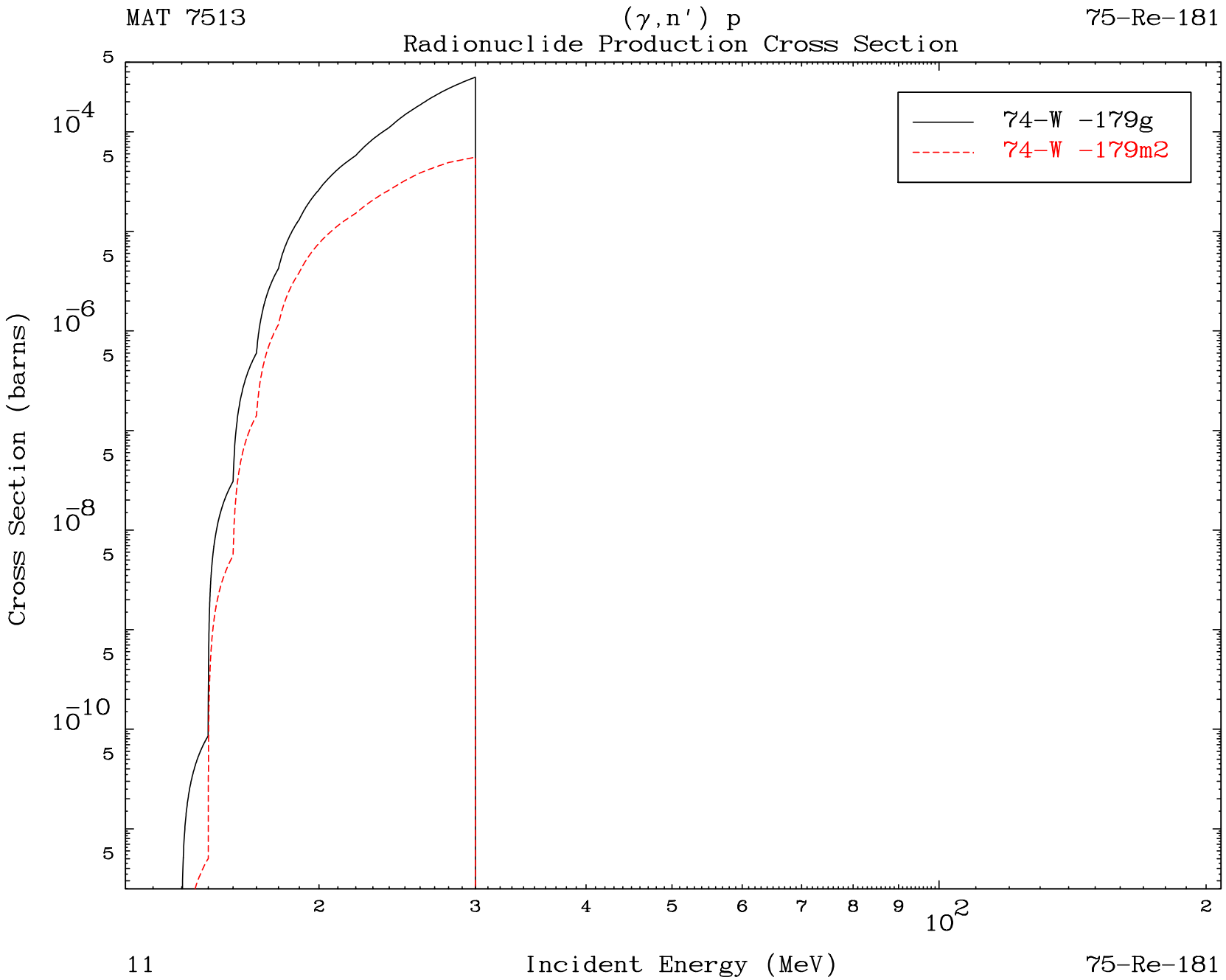

MAT 7513
(γ,p) Levels
75-Re-181
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
Incident Energy (MeV)
6
75-Re-181

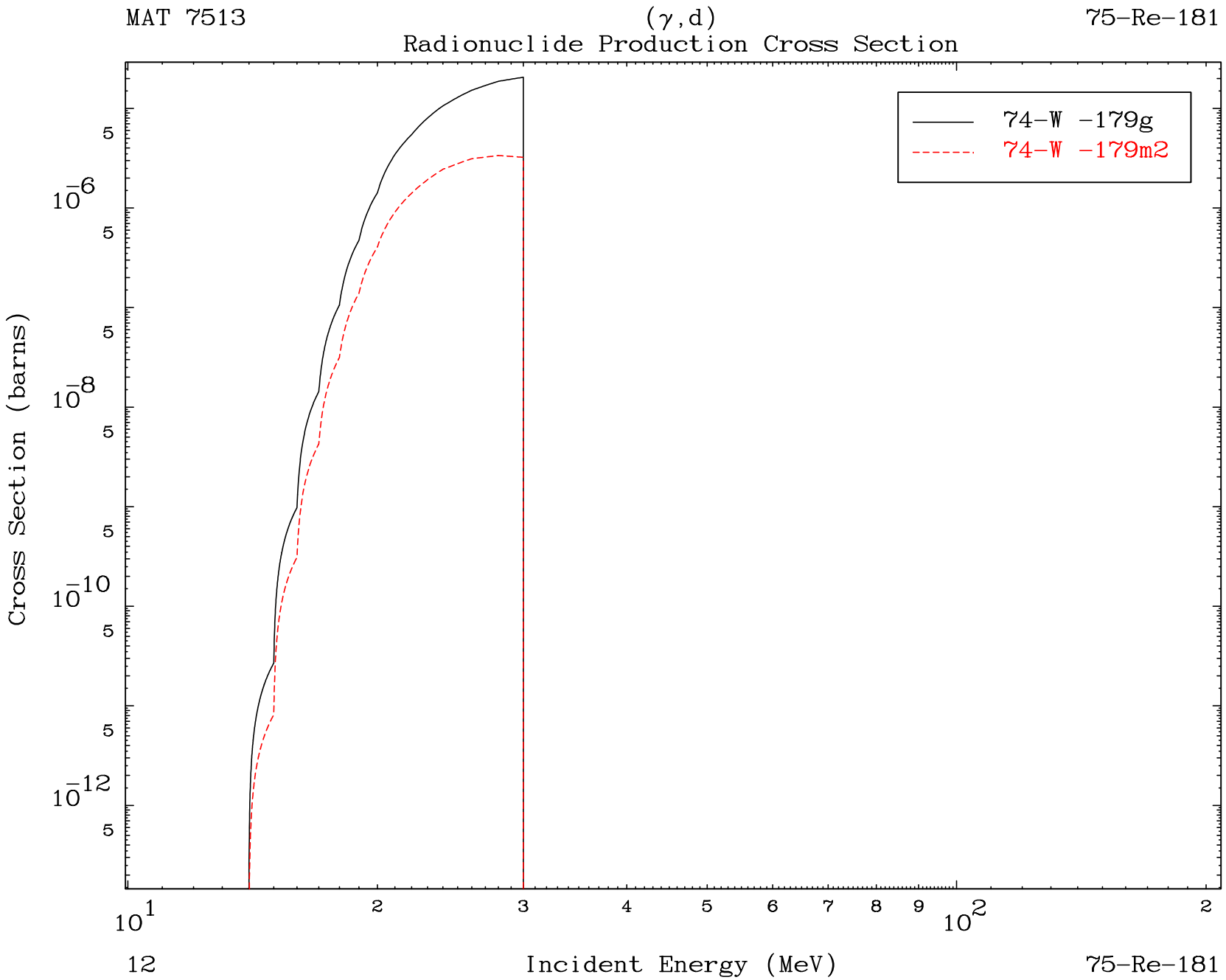

MAT 7513
(γ,d) Levels
75-Re-181
0 Kelvin Cross Sections
(γ,d)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
75-Re-181


MAT 7513
(γ,t) Levels
75-Re-181
0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
8
Incident Energy (MeV)
75-Re-181


MAT 7513
(γ,α) Levels
75-Re-181
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
100
2
4
6
8
101
102
Incident Energy (MeV)
9
75-Re-181


MAT 7513
Photon Fission
75-Re-181
Radionuclide Production Cross Section
Photon
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
10^0
2
4
6
8
10^1
2
4
6
8
10^2
2
10
Incident Energy (MeV)
75-Re-181


MAT 7513
(γ,n') p
75-Re-181
Radionuclide Production Cross Section
74-W -179g
74-W -179m2
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10^2
2
11
Incident Energy (MeV)
75-Re-181


MAT 7513
(γ,d)
75-Re-181
Radionuclide Production Cross Section
74-W -179g
74-W -179m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
10^1
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
12
75-Re-181