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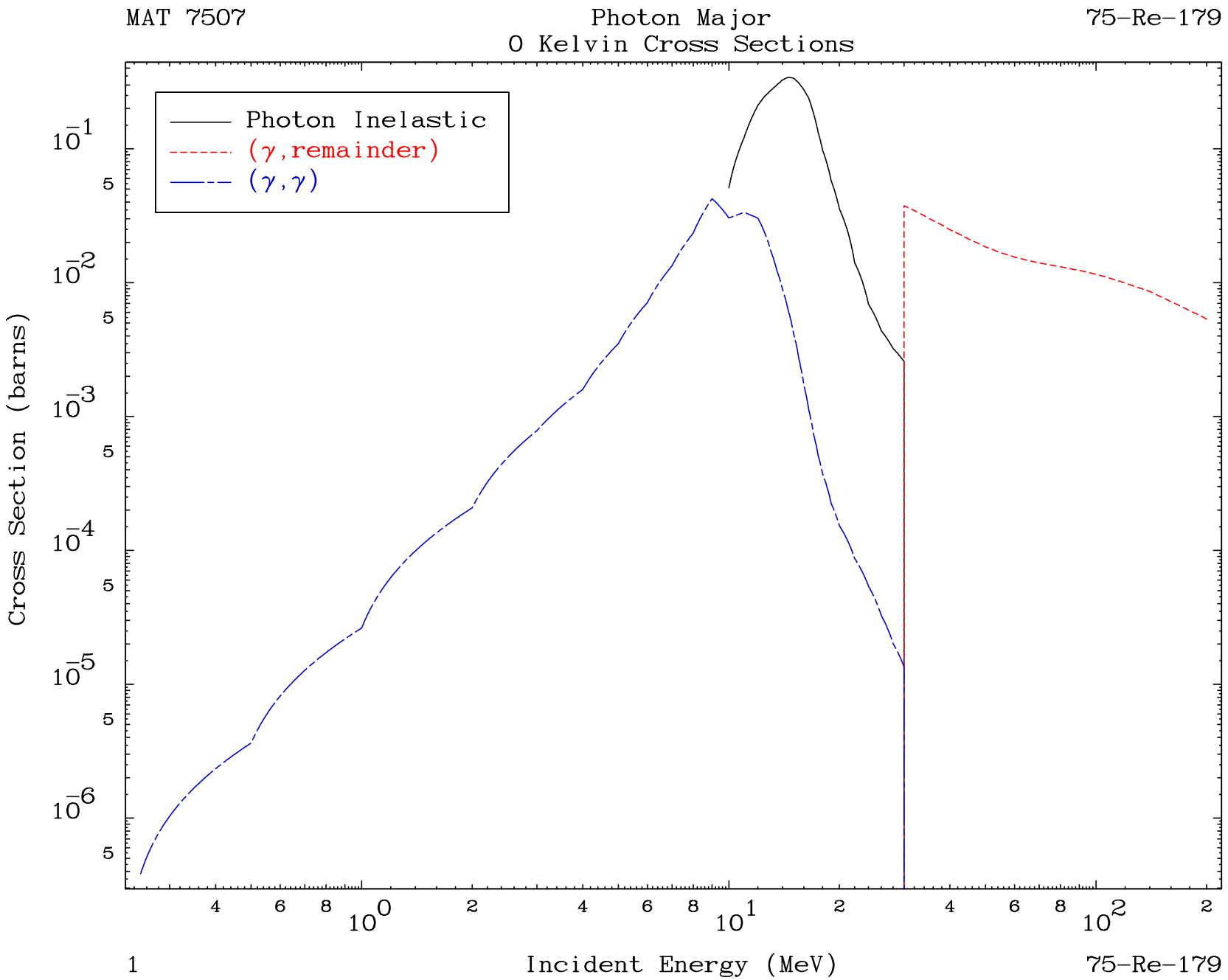
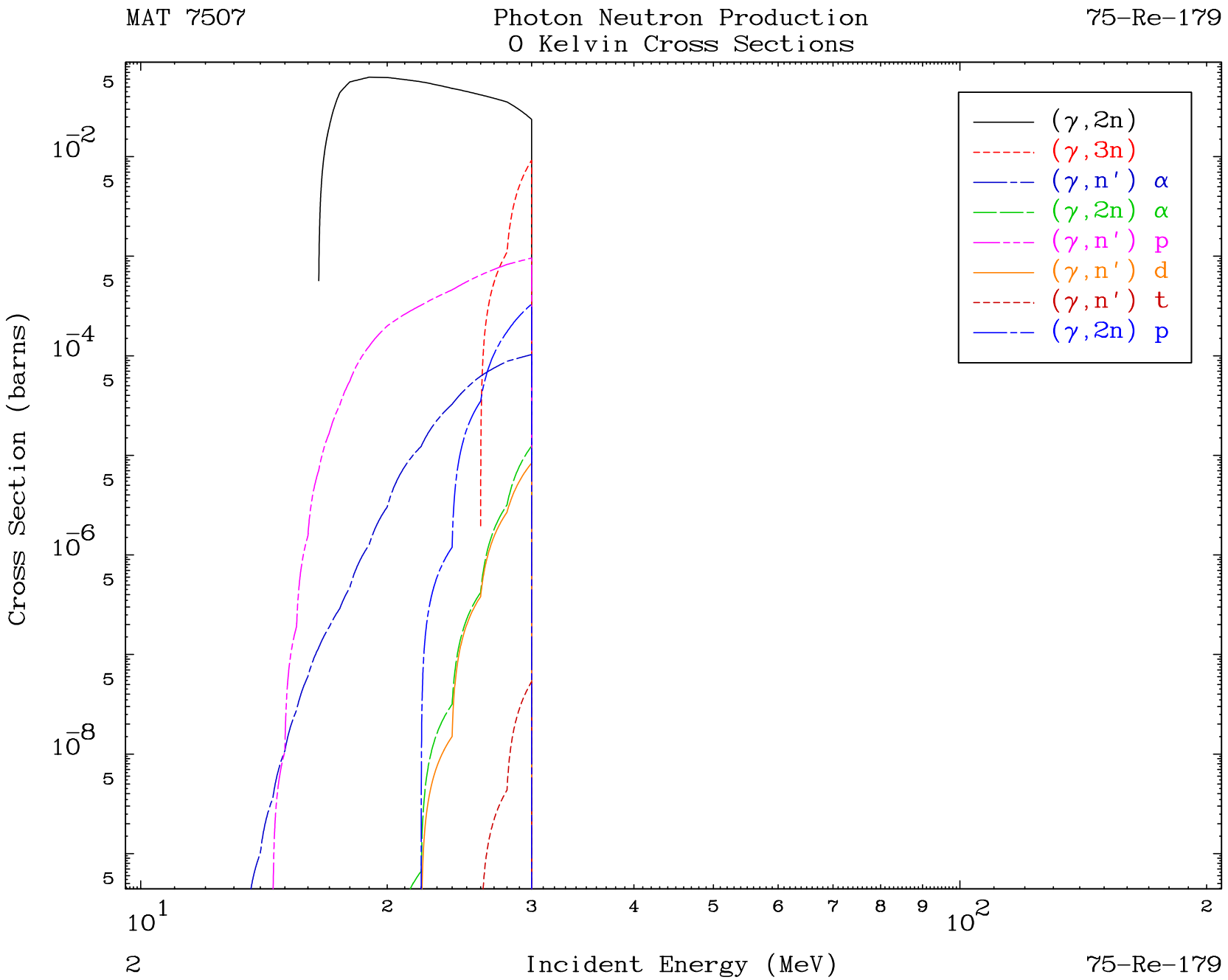
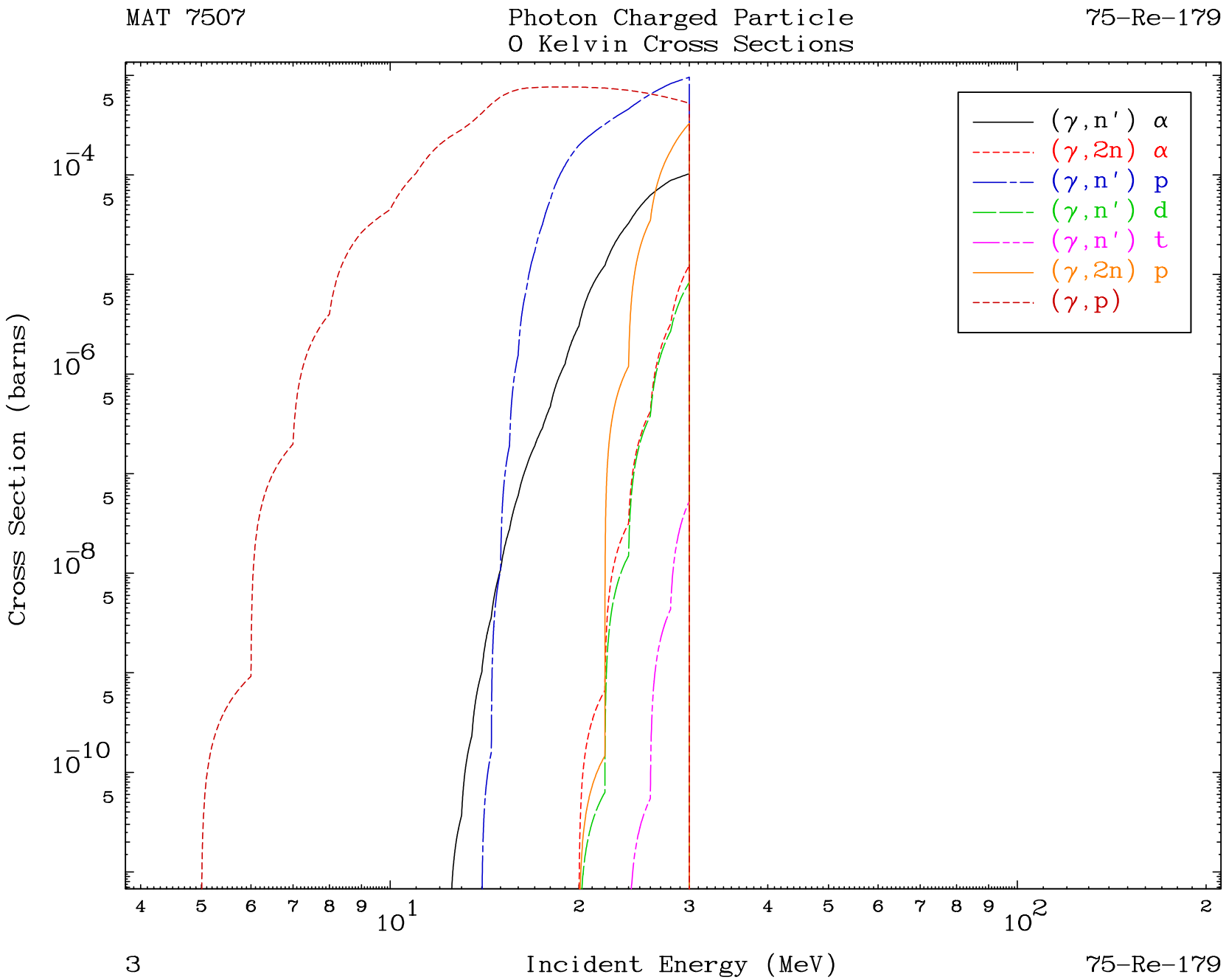
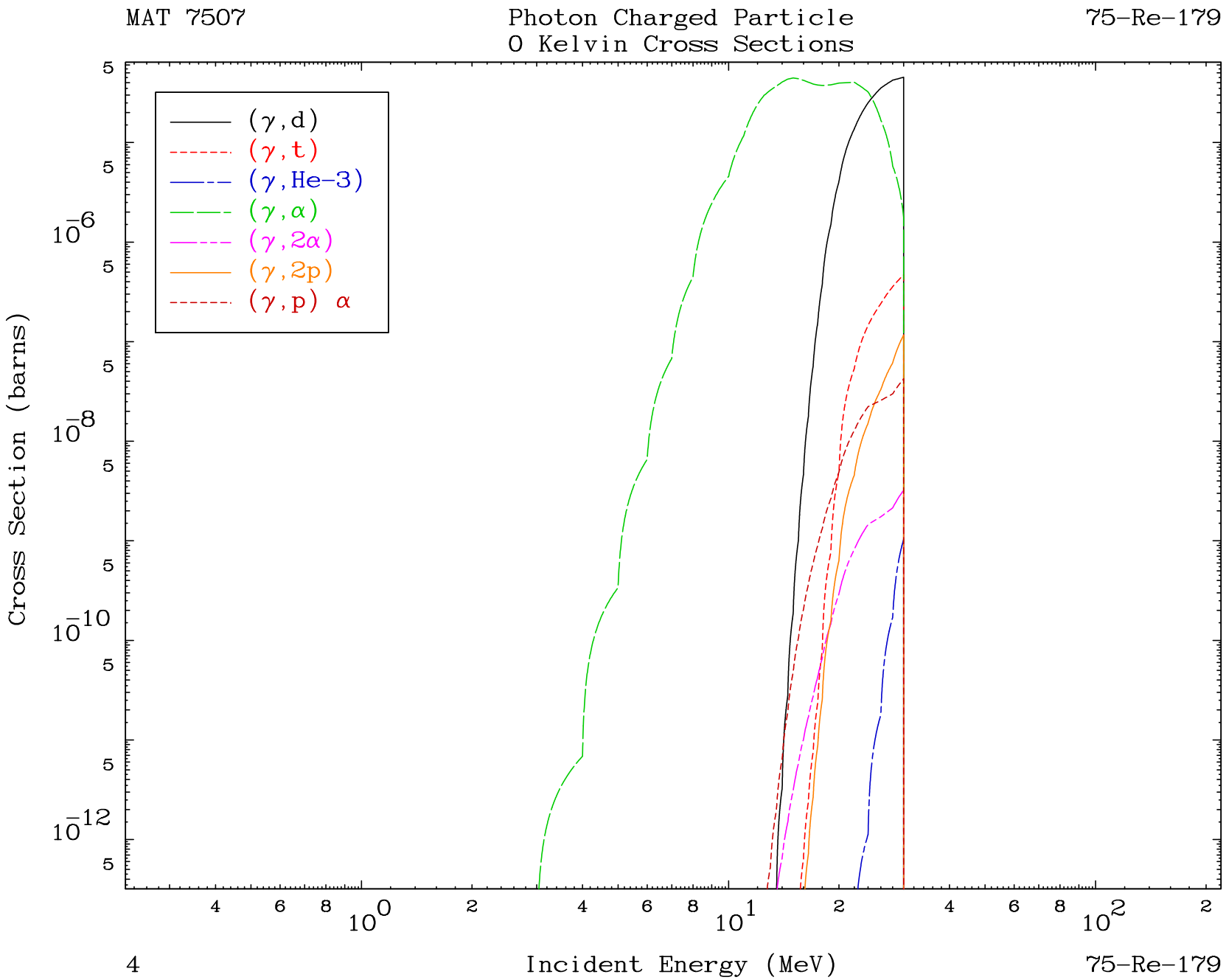
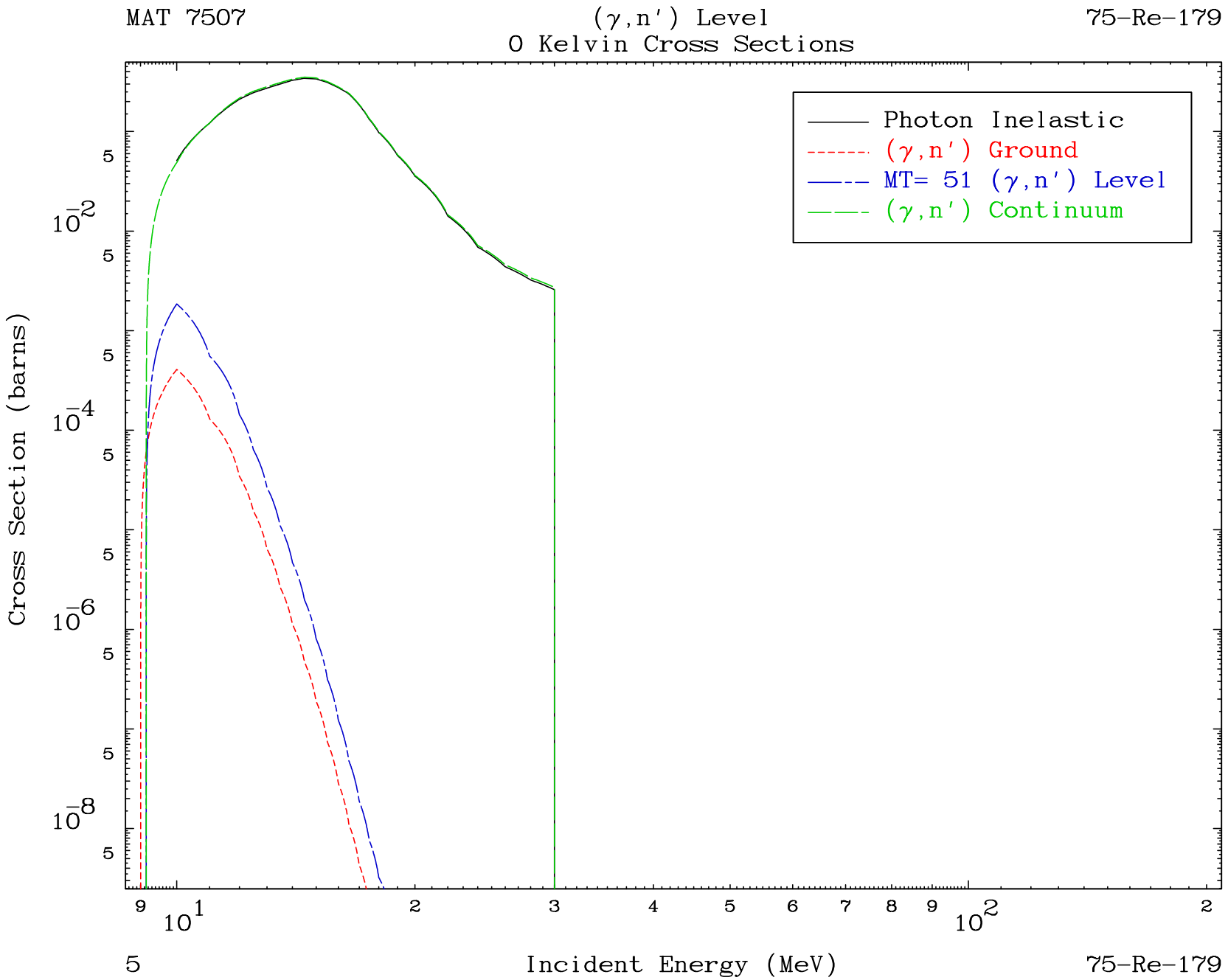
Press Mouse Button to Start

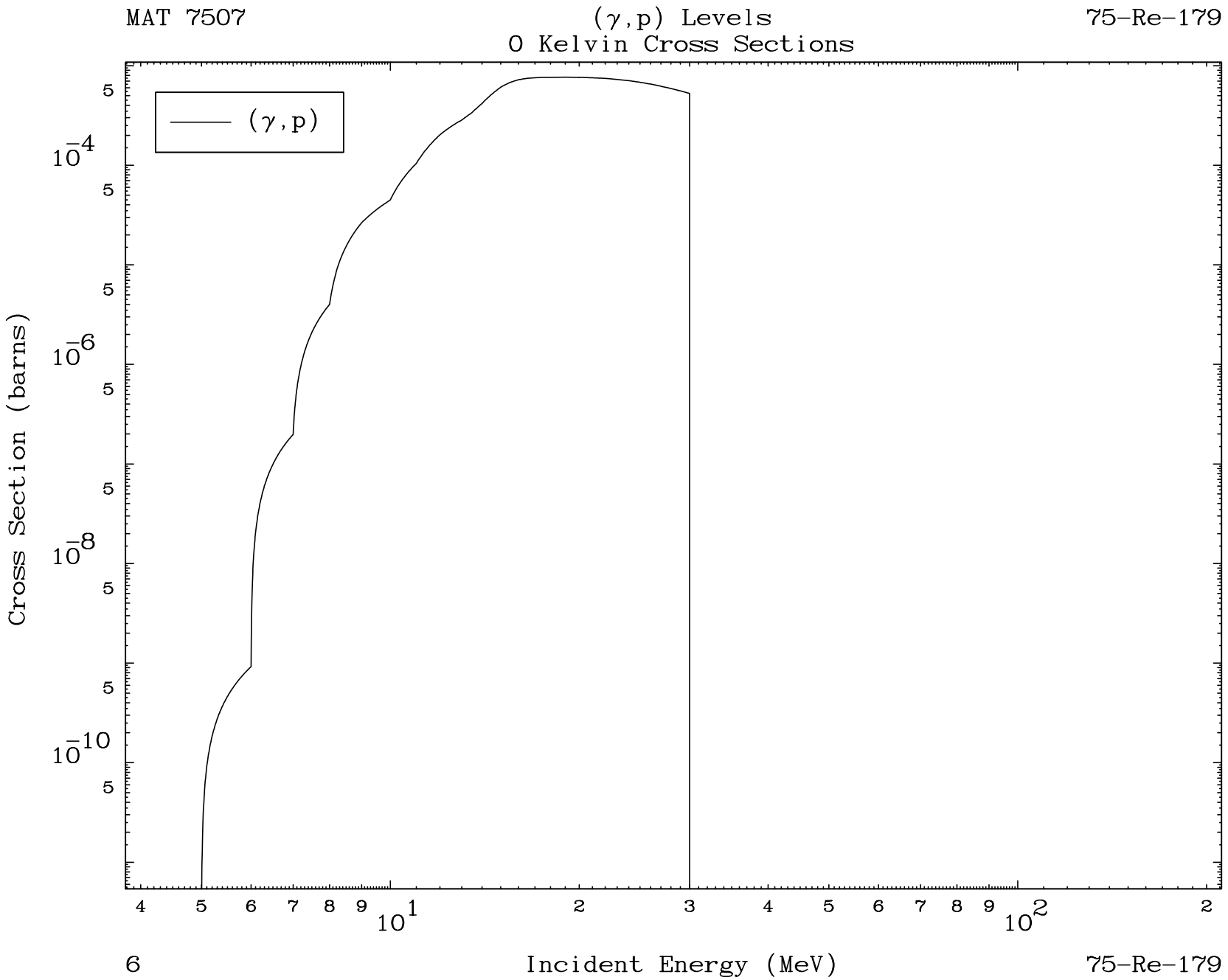

MAT 7507
Photon Major
75-Re-179
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
1
75-Re-179

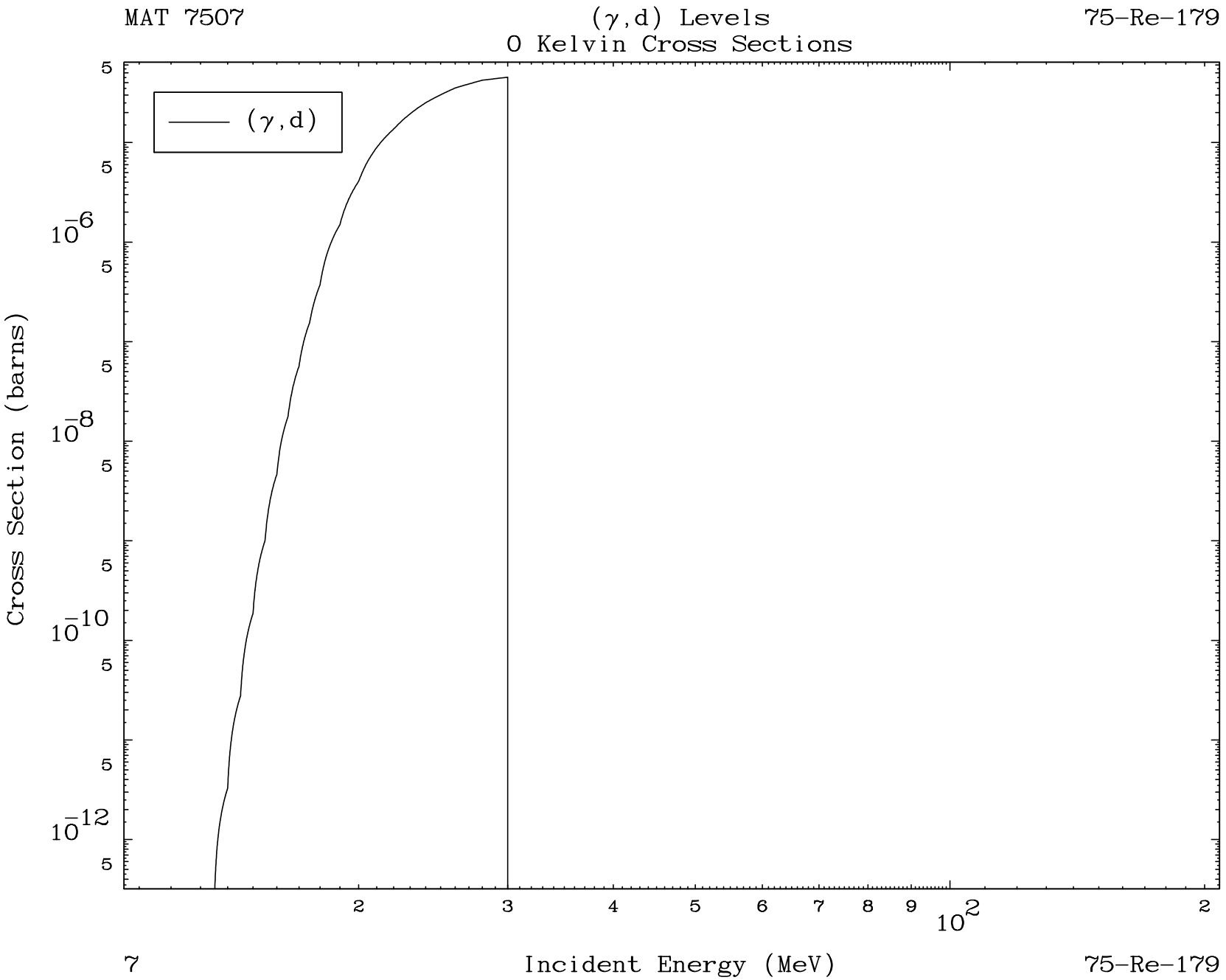

MAT 7507
Photon Neutron Production
0 Kelvin Cross Sections
75-Re-179
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
Cross Section (barns)
Incident Energy (MeV)
75-Re-179

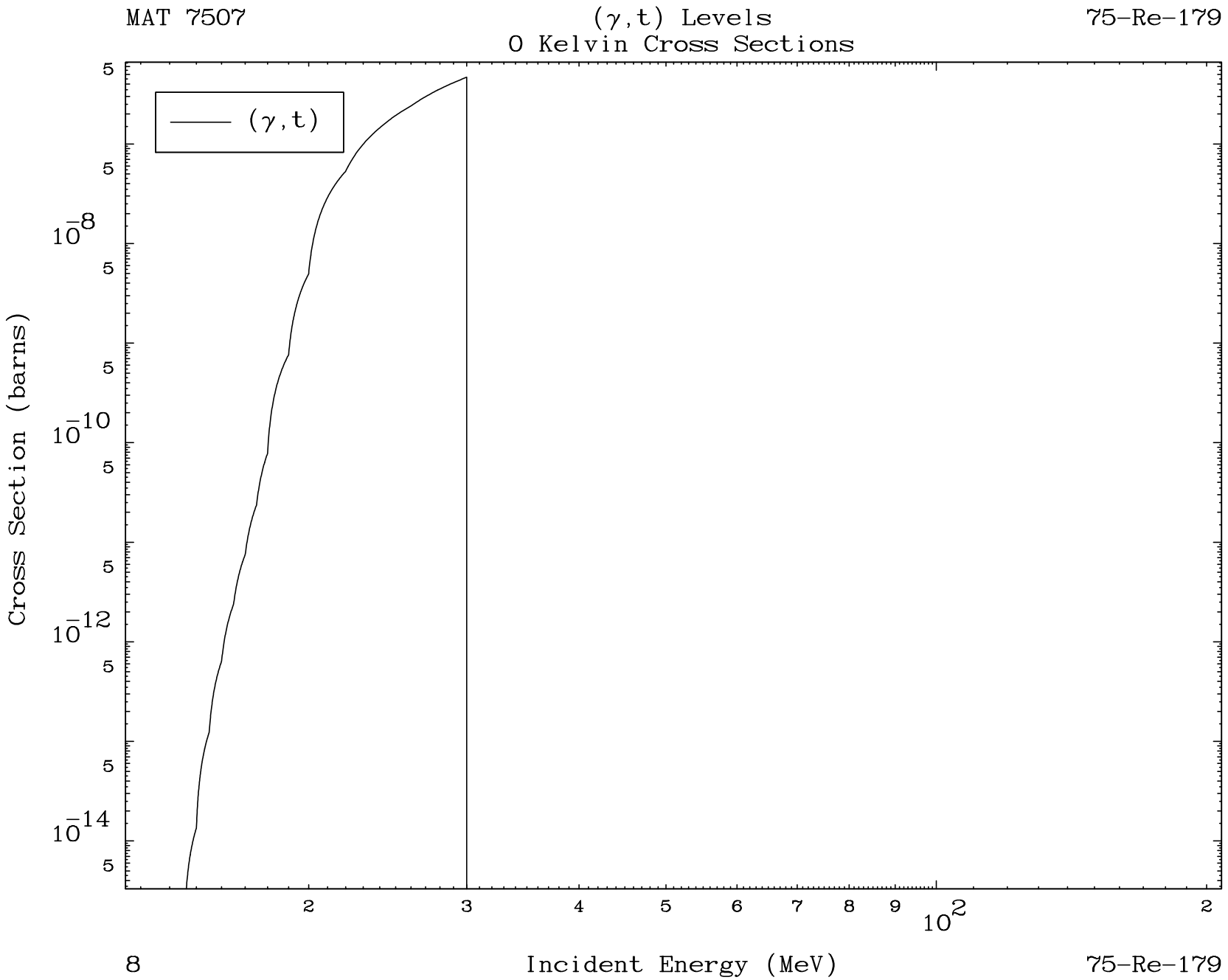

MAT 7507
Photon Charged Particle
0 Kelvin Cross Sections
75-Re-179
Cross Section (barns)
Incident Energy (MeV)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
(γ,p)
3
75-Re-179

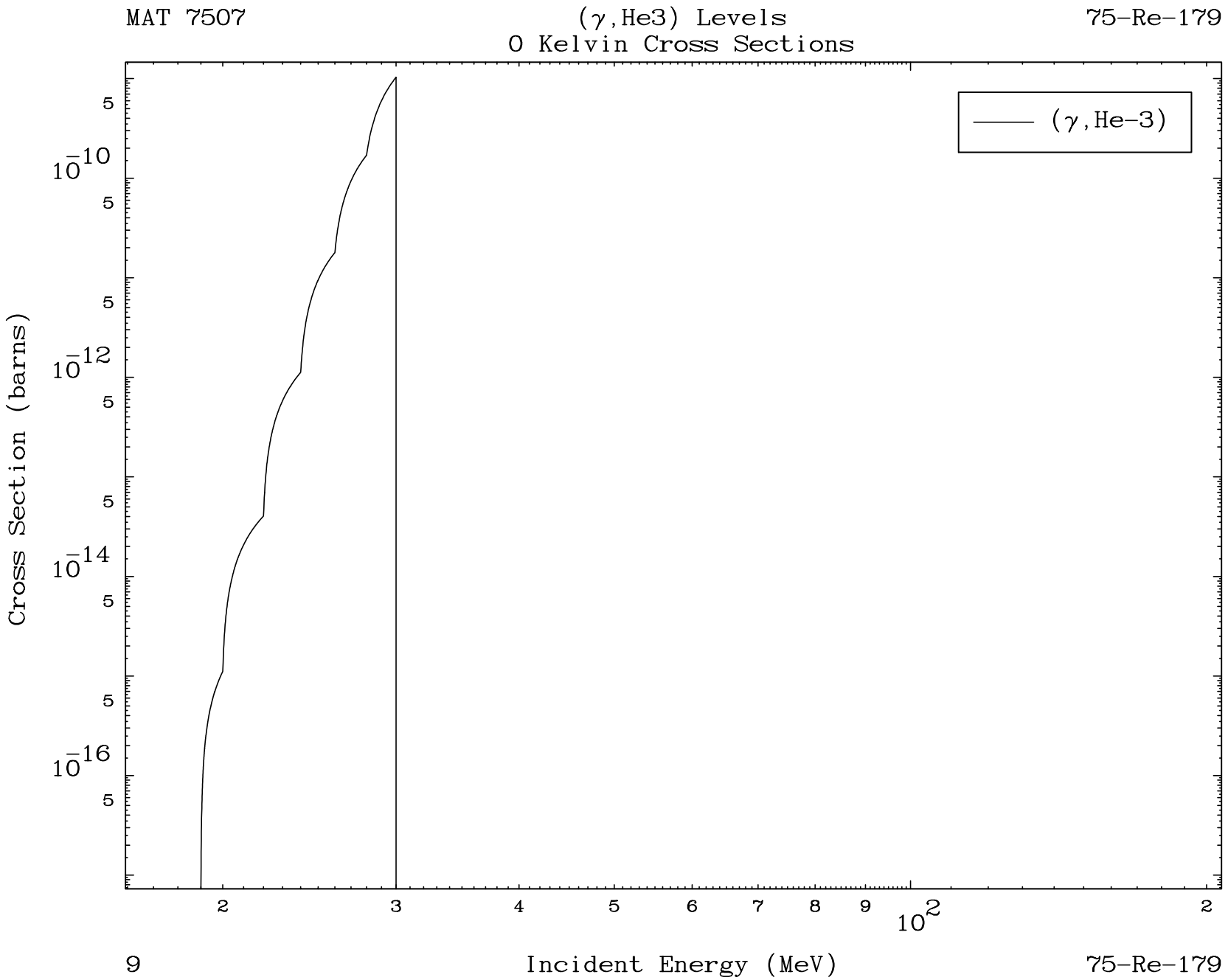

MAT 7507
Photon Charged Particle
0 Kelvin Cross Sections
75-Re-179
(γ,d)
(γ,t)
(γ,He-3)
(γ,α)
(γ,2α)
(γ,2p)
(γ,p) α
Cross Section (barns)
Incident Energy (MeV)
4
75-Re-179

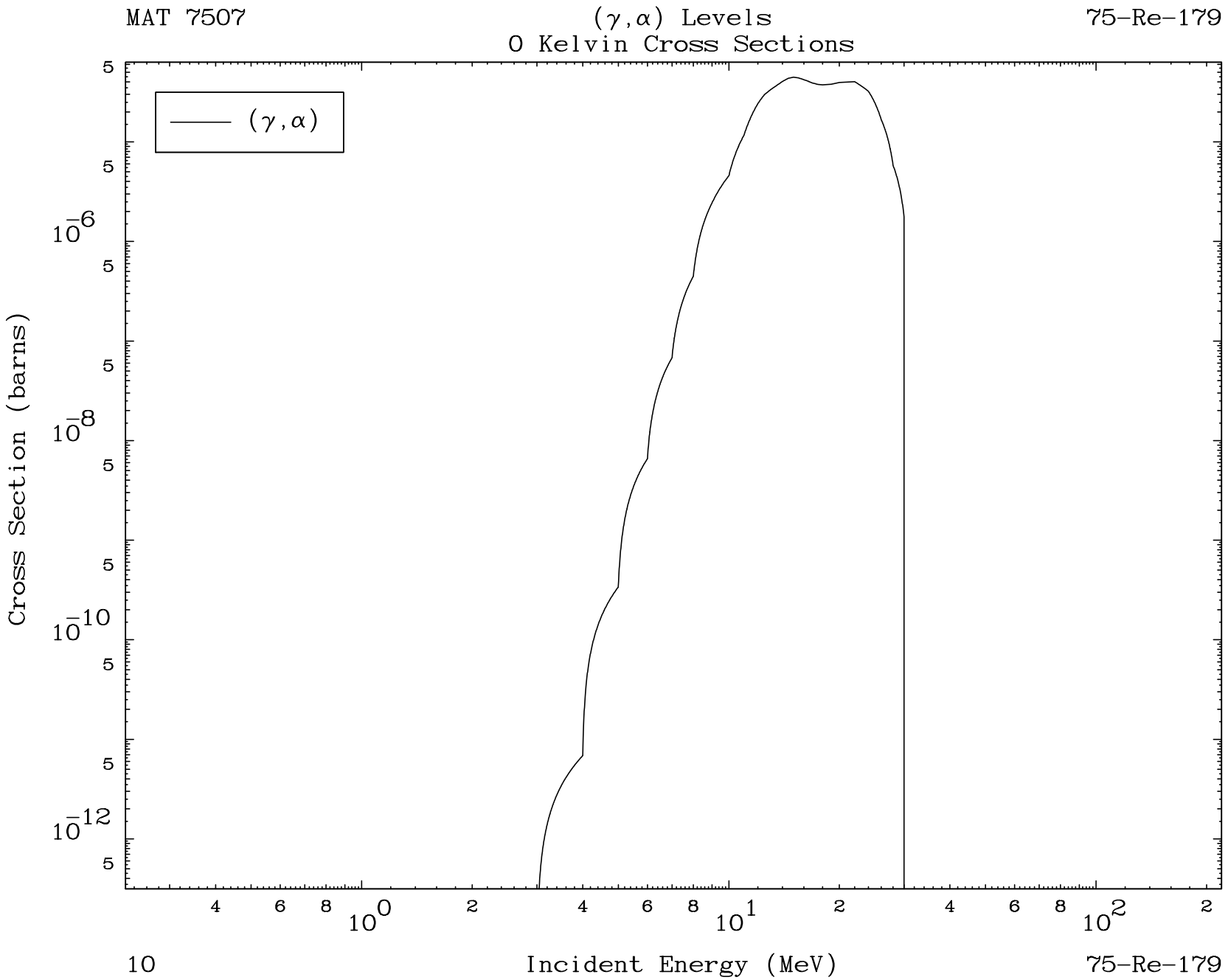

MAT 7507
(γ,n') Level
75-Re-179
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
10-2
10-4
10-6
10-8
5
9
10 1
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
75-Re-179

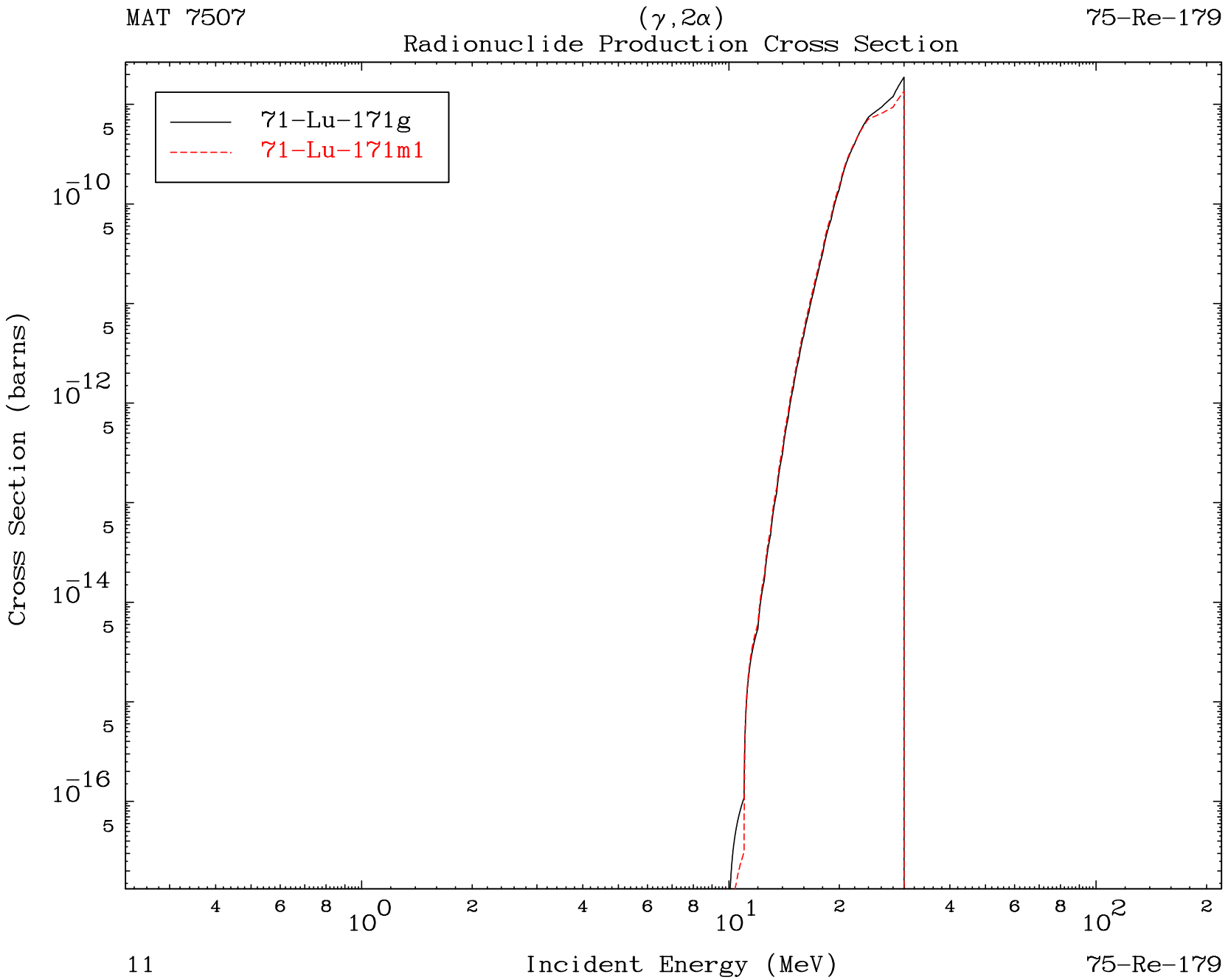

MAT 7507
(γ,p) Levels
75-Re-179
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
6
75-Re-179


MAT 7507
(γ,d) Levels
75-Re-179
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-179


MAT 7507
(γ,t) Levels
75-Re-179
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
Incident Energy (MeV)
8
75-Re-179


MAT 7507
(γ,He3) Levels
75-Re-179
0 Kelvin Cross Sections
(γ,He-3)
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
9
75-Re-179


MAT 7507
(γ,α) Levels
75-Re-179
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
75-Re-179


MAT 7507
(γ,2α)
75-Re-179
Radionuclide Production Cross Section
71-Lu-171g
71-Lu-171m1
Cross Section (barns)
Incident Energy (MeV)
11
75-Re-179