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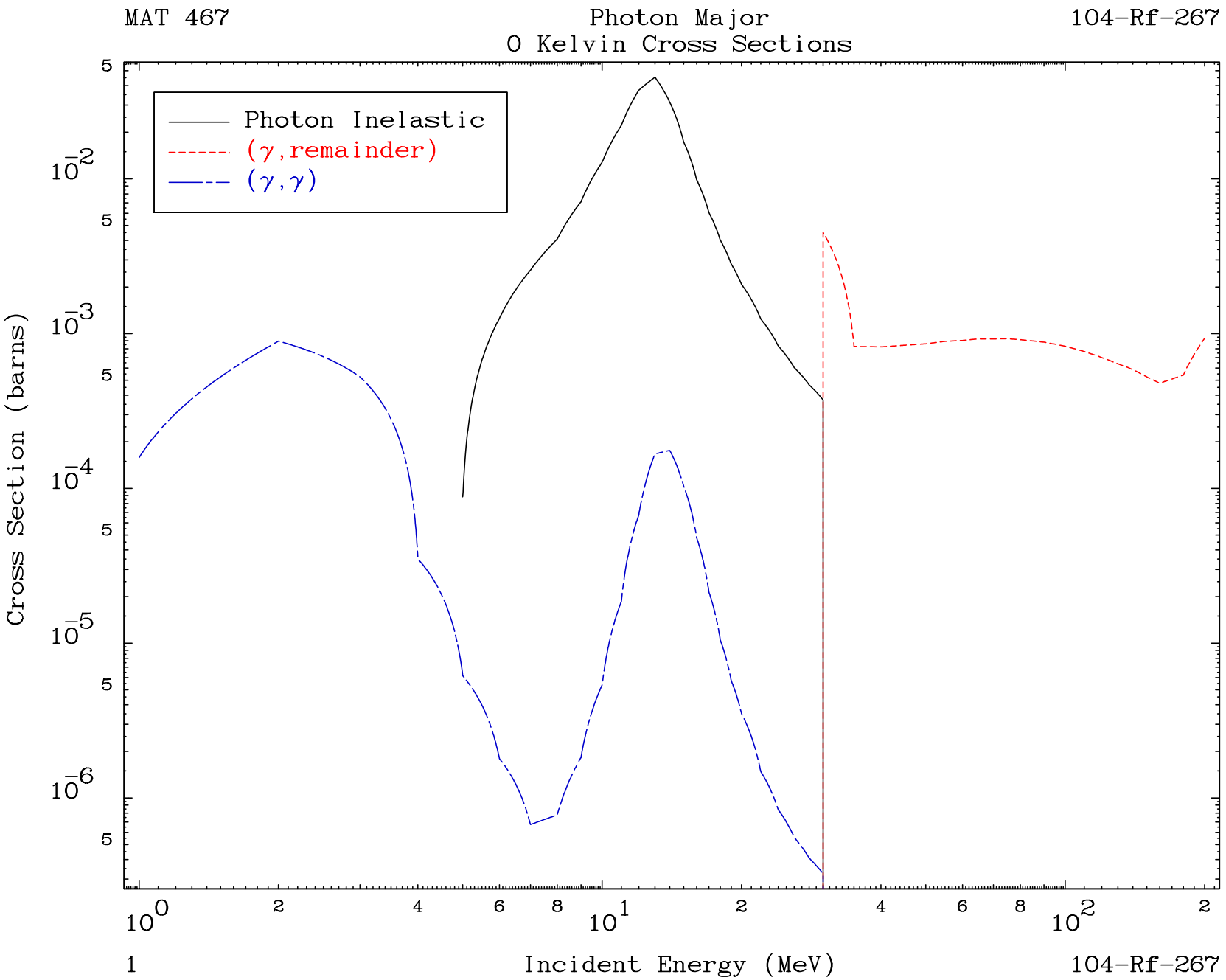
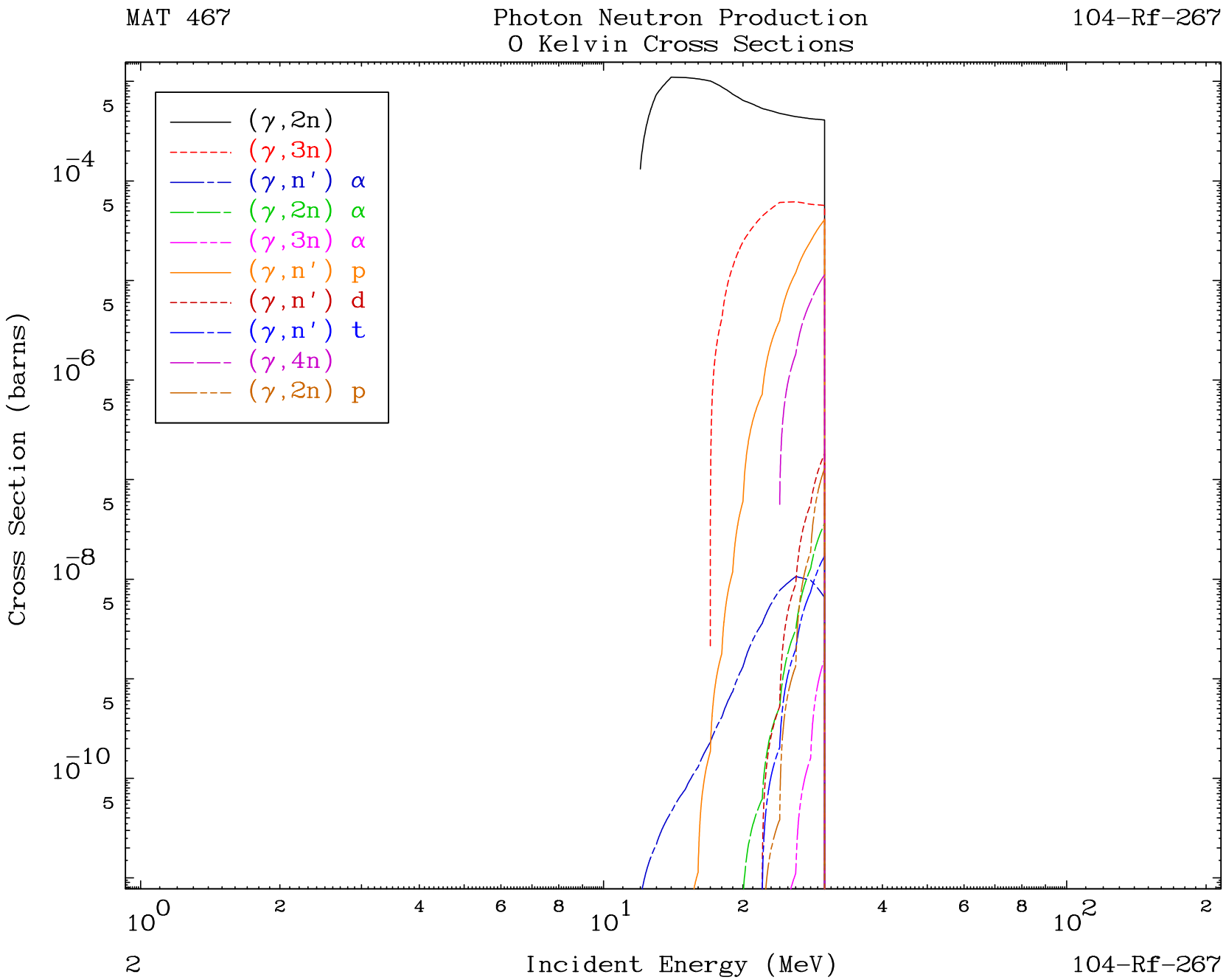
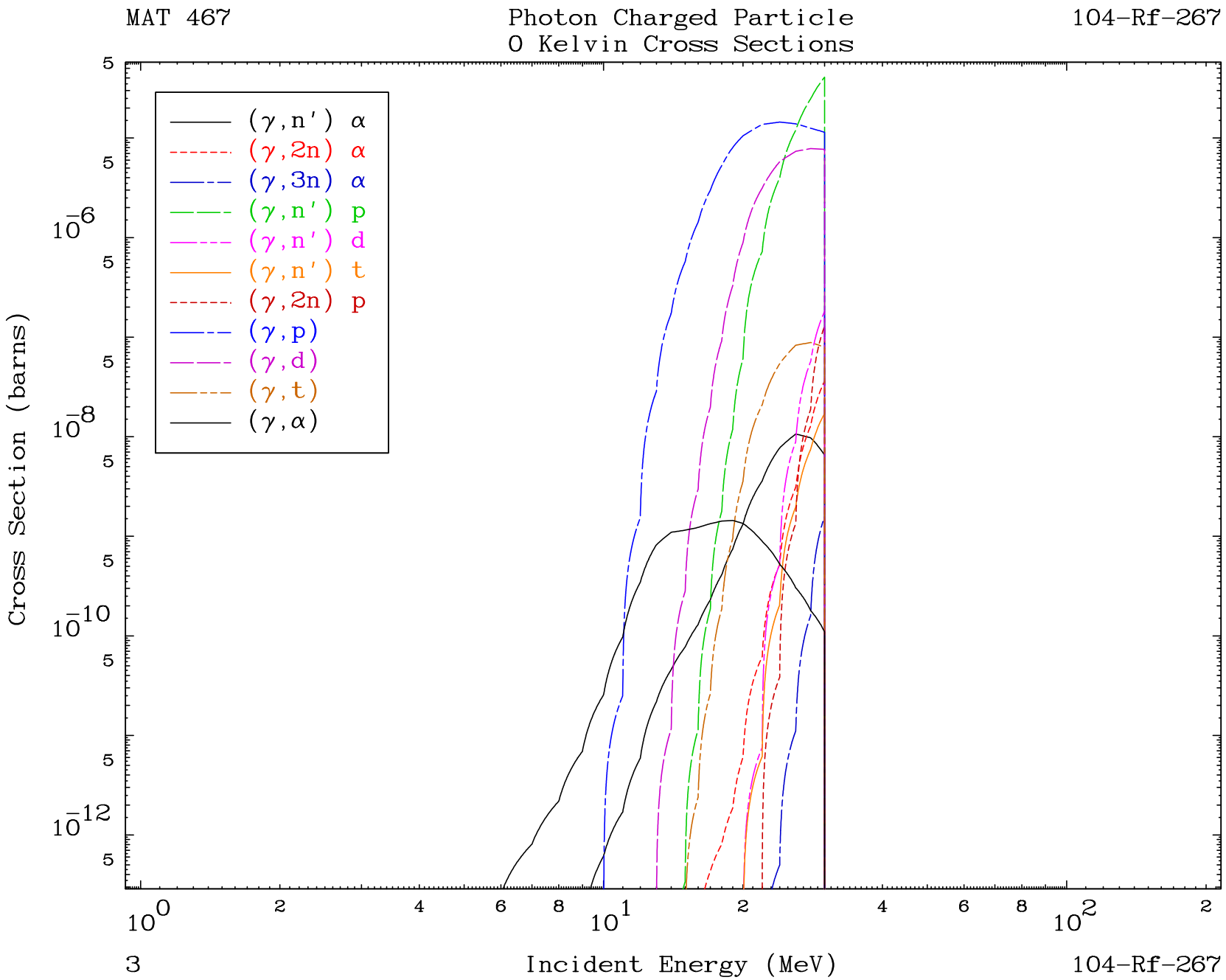
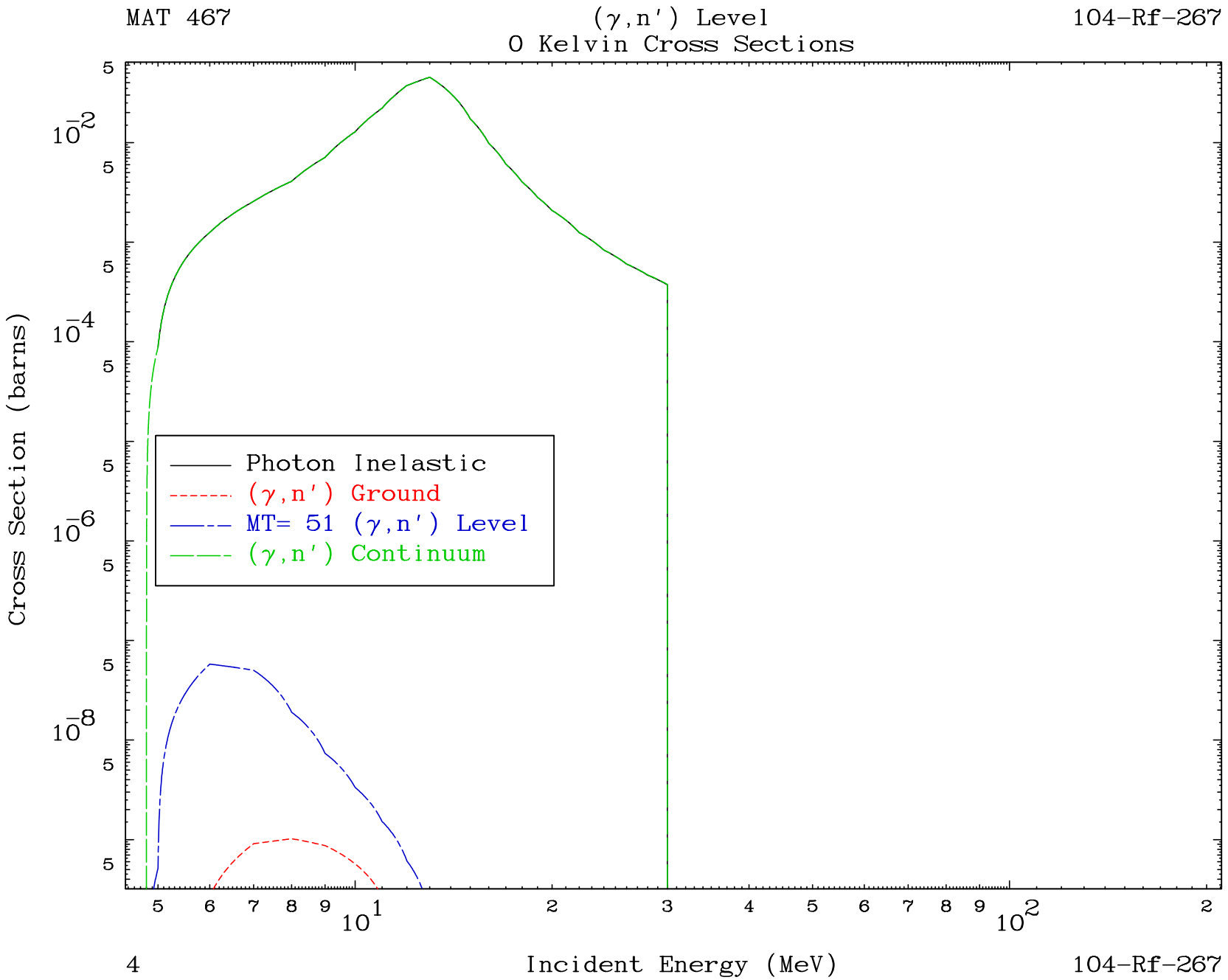
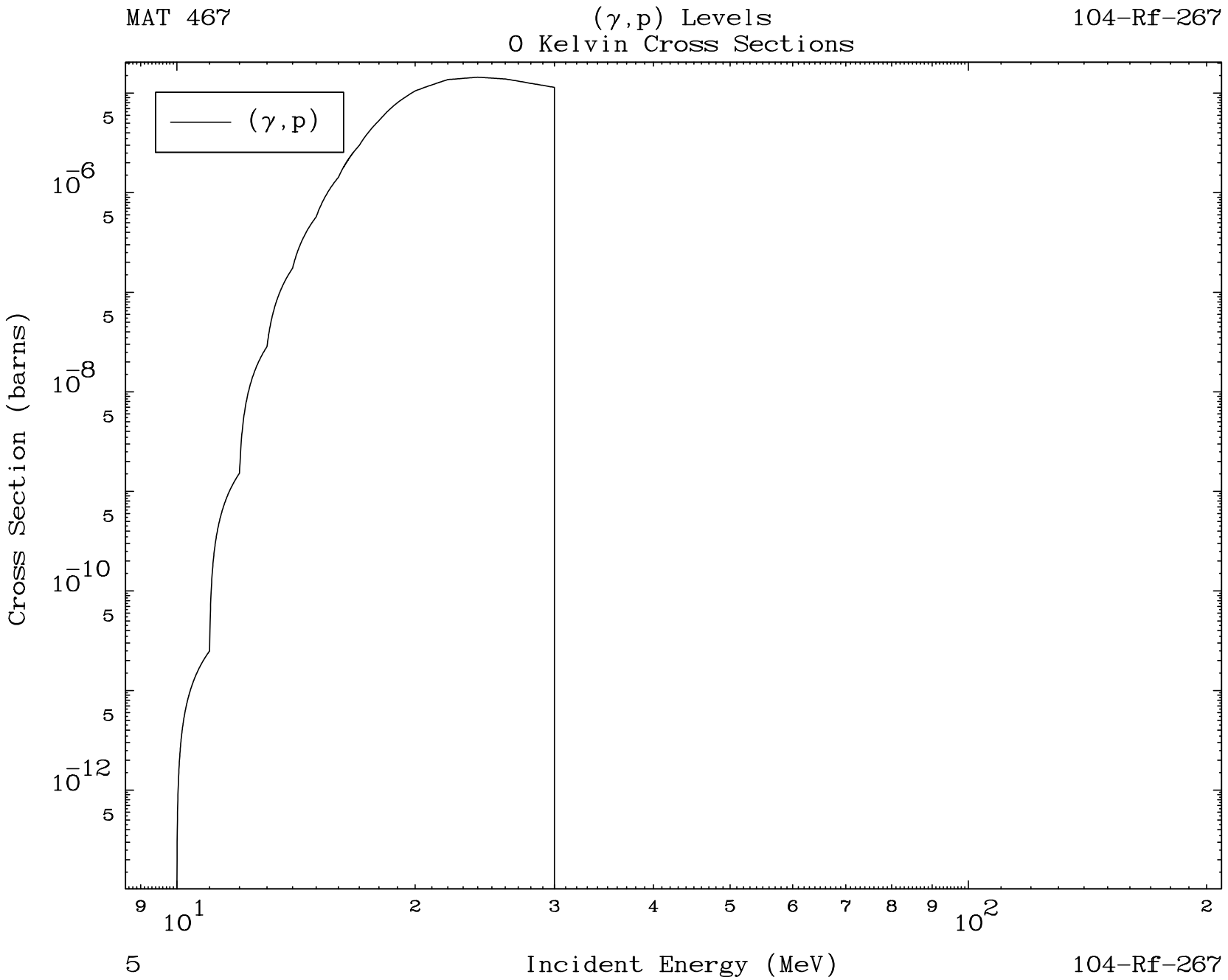
Press Mouse Button to Start

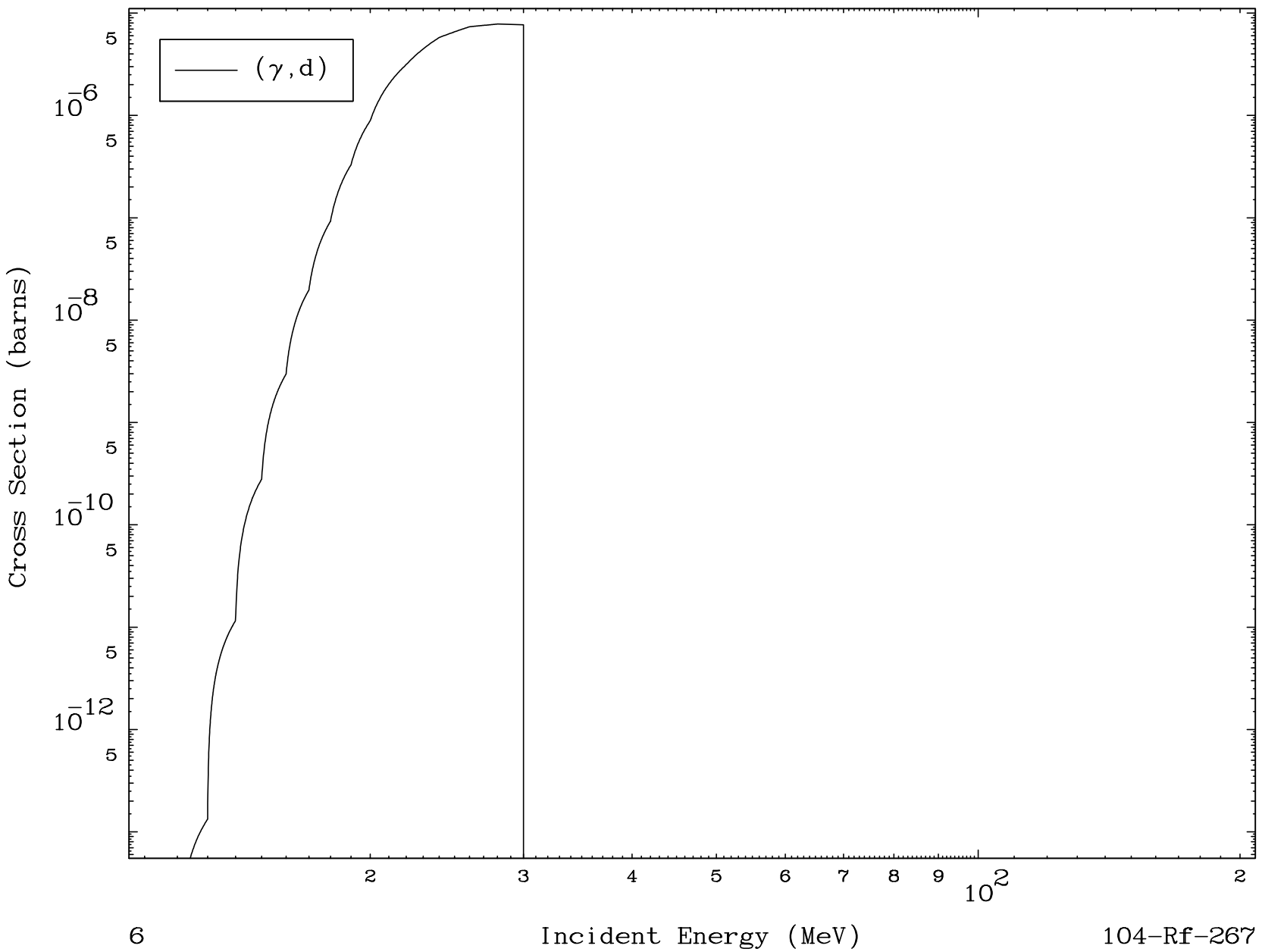

MAT 467
Photon Major
104-Rf-267
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
104-Rf-267

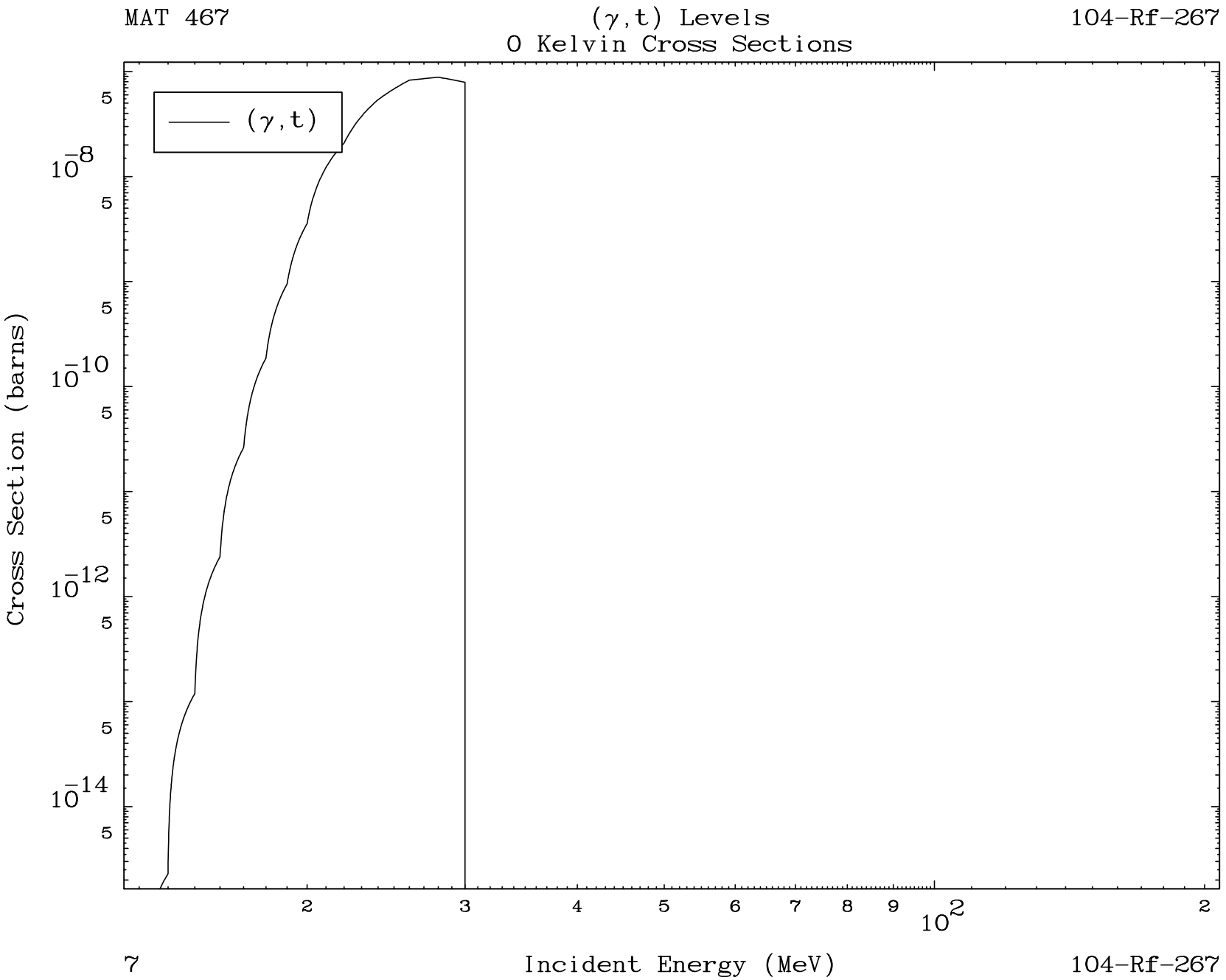

MAT 467
Photon Neutron Production
0 Kelvin Cross Sections
104-Rf-267
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,3n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,4n)
(γ,2n) p
Cross Section (barns)
Incident Energy (MeV)
104-Rf-267

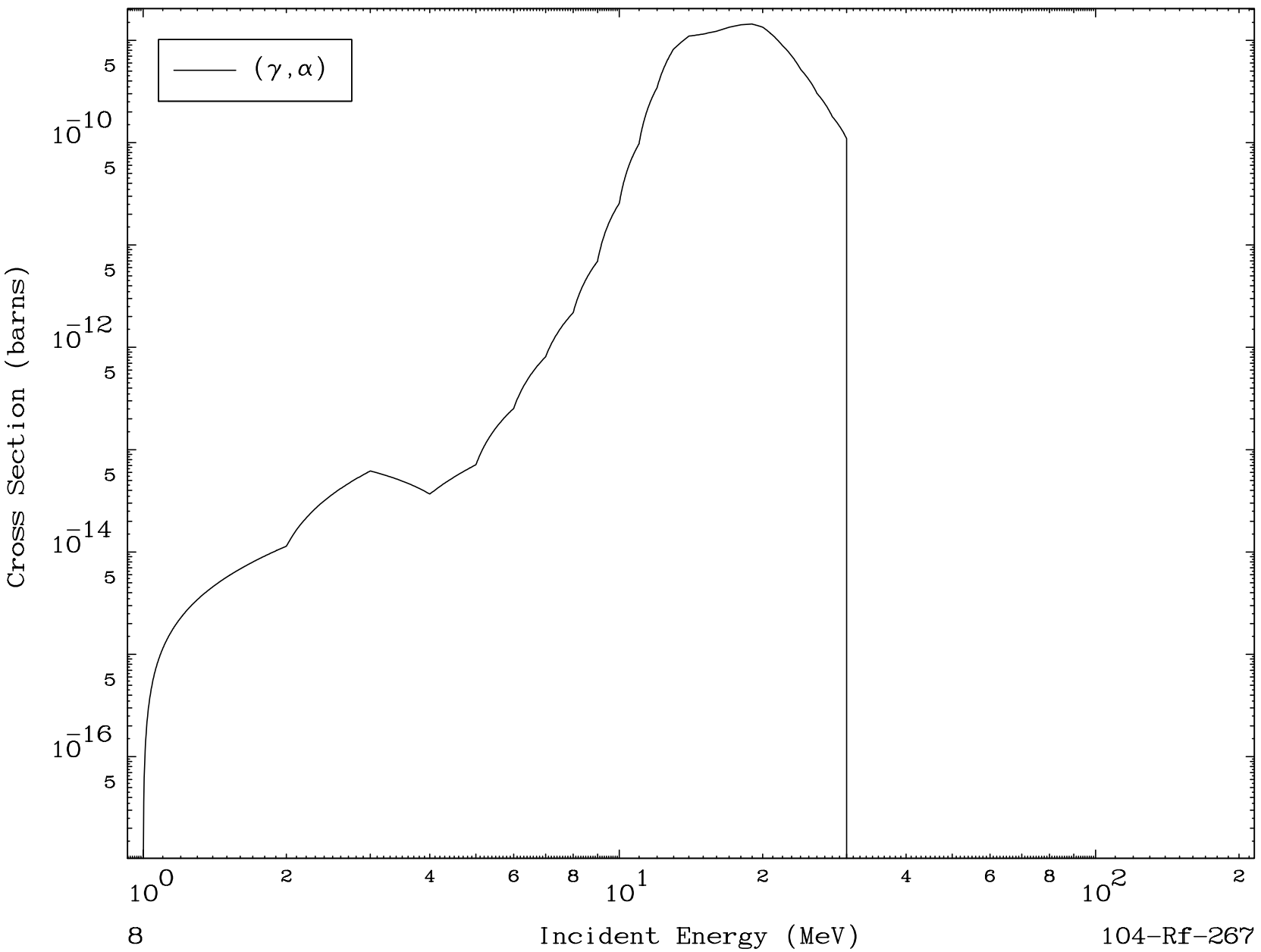

MAT 467
Photon Charged Particle
0 Kelvin Cross Sections
104-Rf-267
(γ,n') α
(γ,2n) α
(γ,3n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
(γ,p)
(γ,d)
(γ,t)
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
3
104-Rf-267

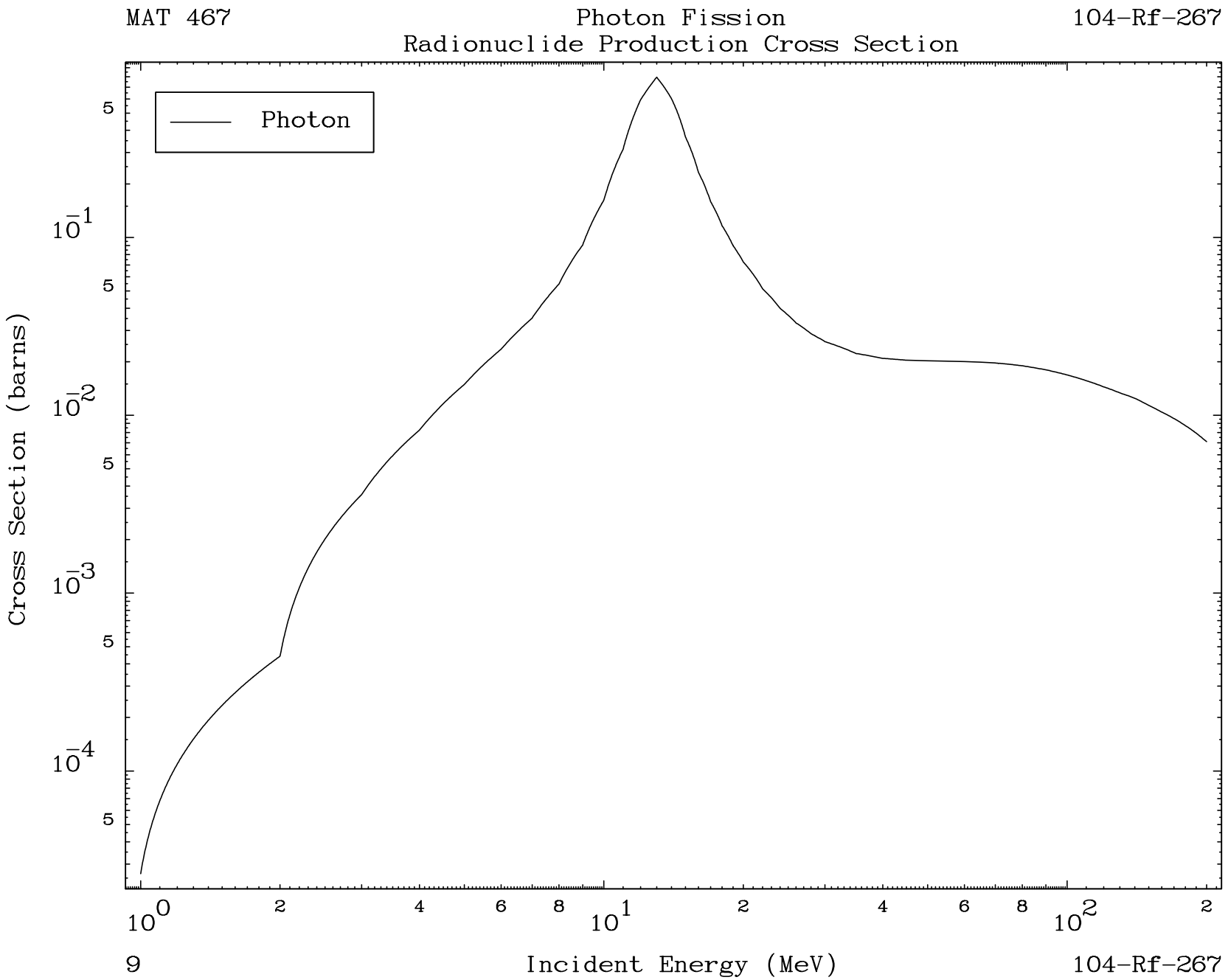

MAT 467
(γ,n') Level
104-Rf-267
0 Kelvin Cross Sections
Cross Section (barns)
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Incident Energy (MeV)
4
104-Rf-267


MAT 467
(γ,p) Levels
104-Rf-267
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
9
10^1
2
3
4
5
6
7
8
9
10^2
2
5
Incident Energy (MeV)
104-Rf-267


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
Incident Energy (MeV)


MAT 467
(γ,t) Levels
104-Rf-267
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)
7
104-Rf-267


0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
10-10
10-12
10-14
10-16
5
100
2
4
6
8
101
102
Incident Energy (MeV)
104-Rf-267


MAT 467
Photon Fission
104-Rf-267
Radionuclide Production Cross Section
Photon
Cross Section (barns)
10-1
10-2
10-3
10-4
5
100
2
4
6
8
101
102
Incident Energy (MeV)
9
104-Rf-267