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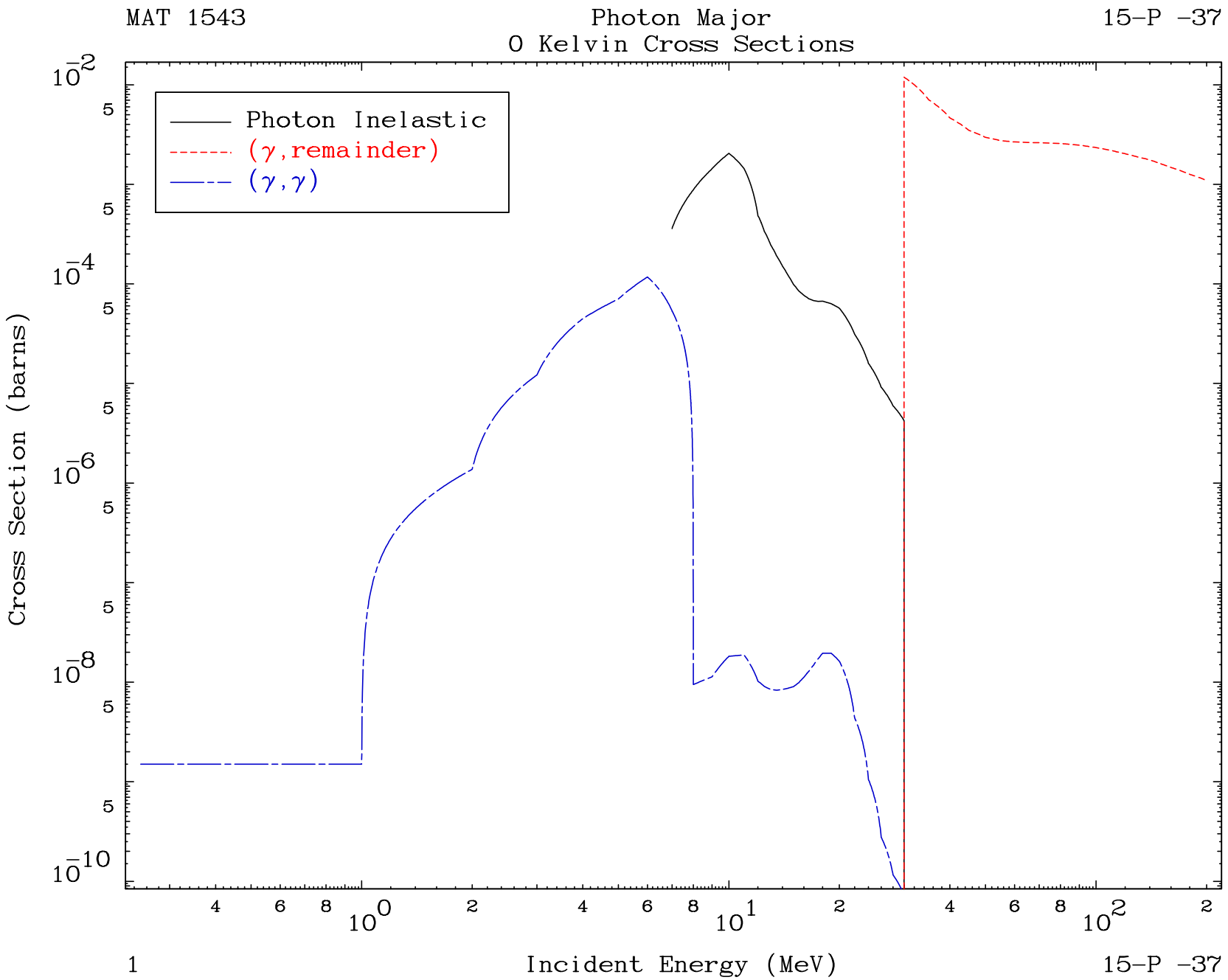
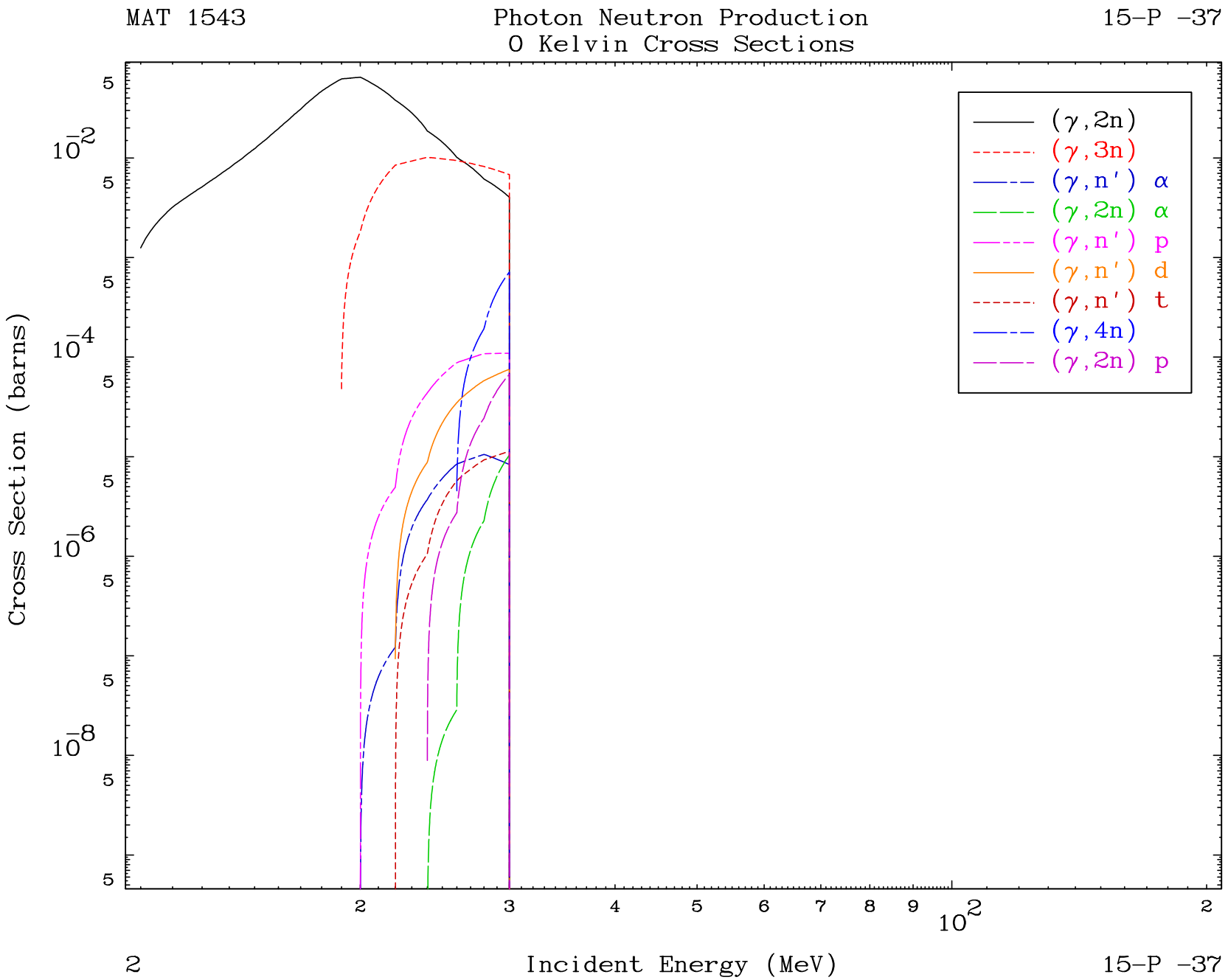
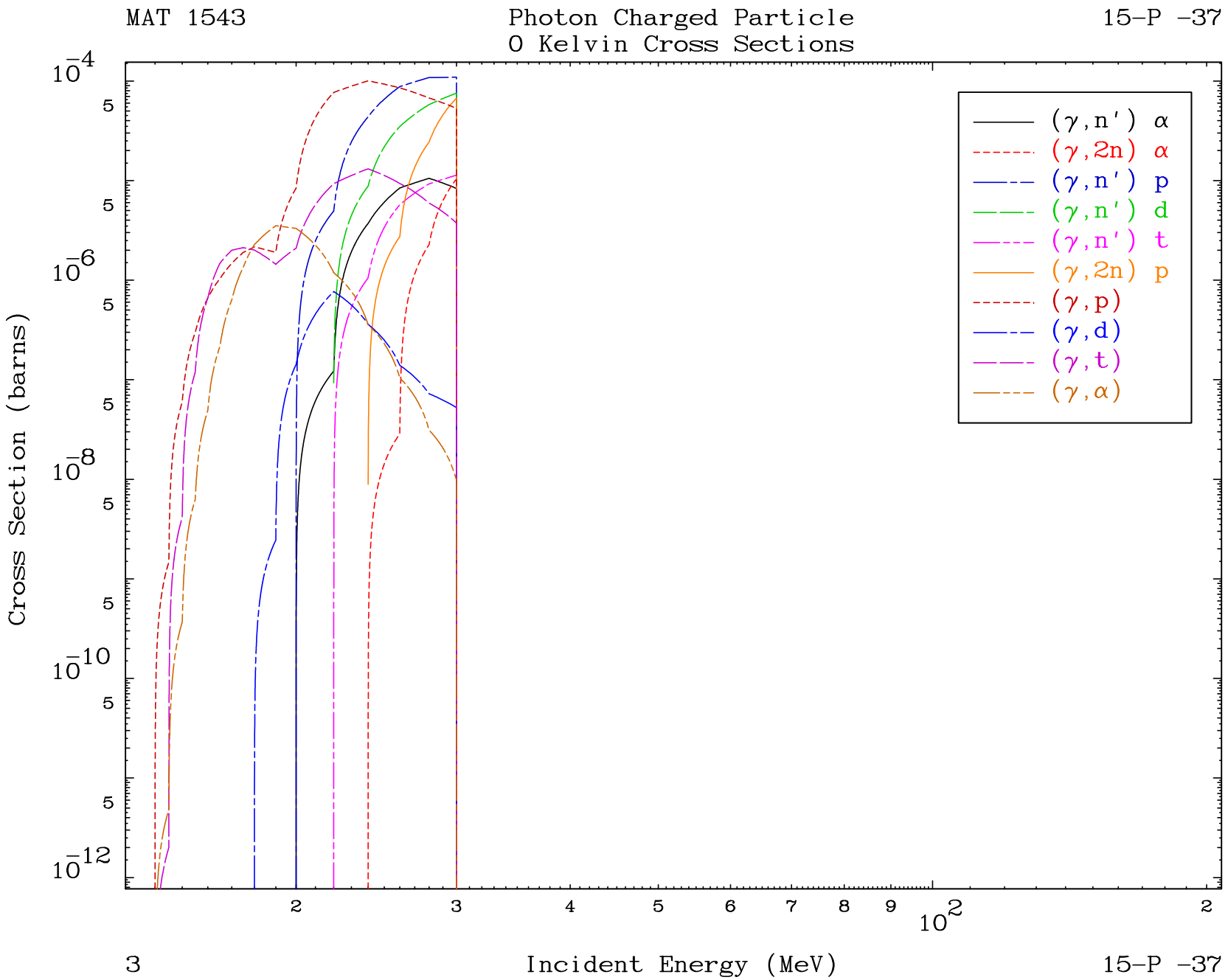
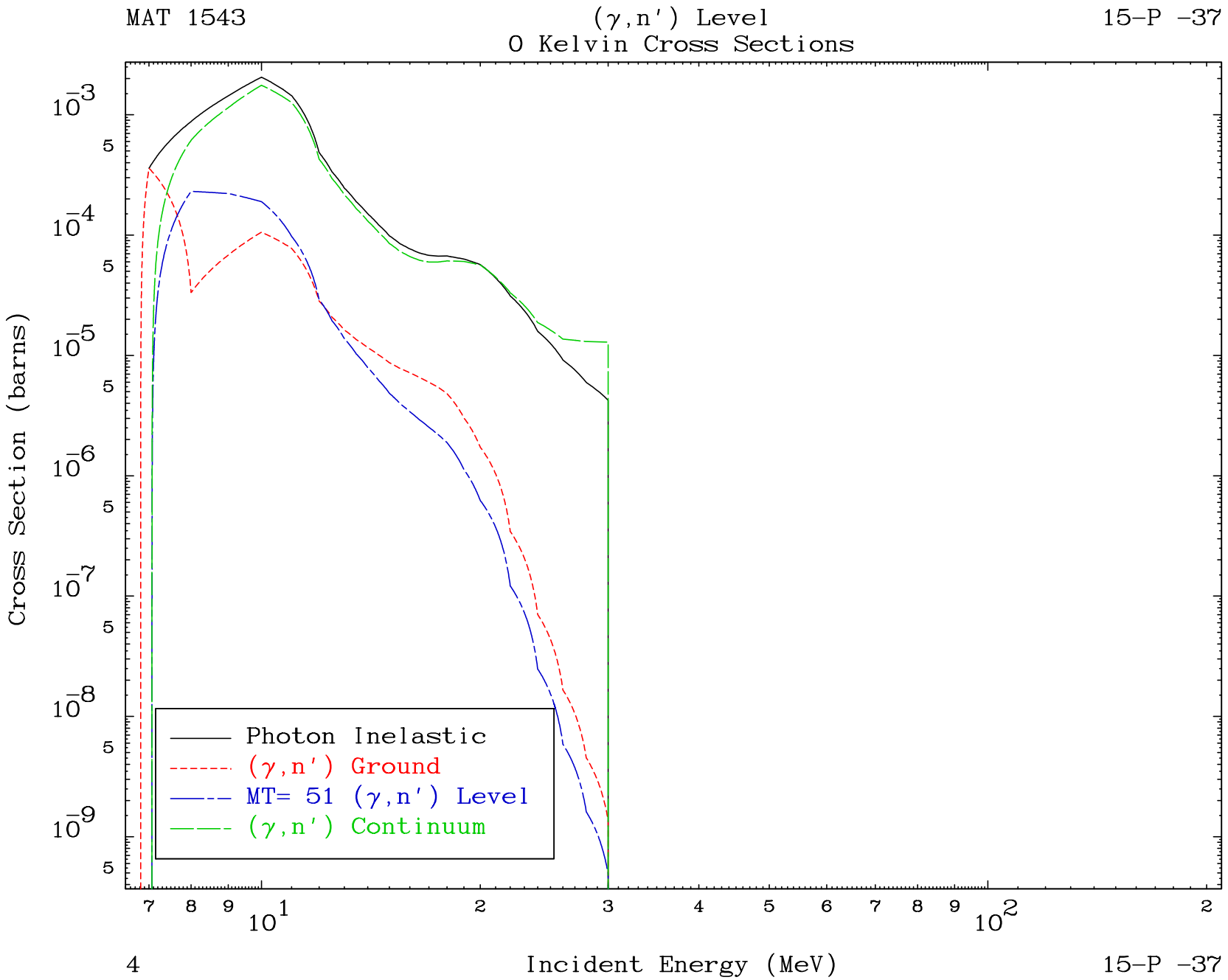
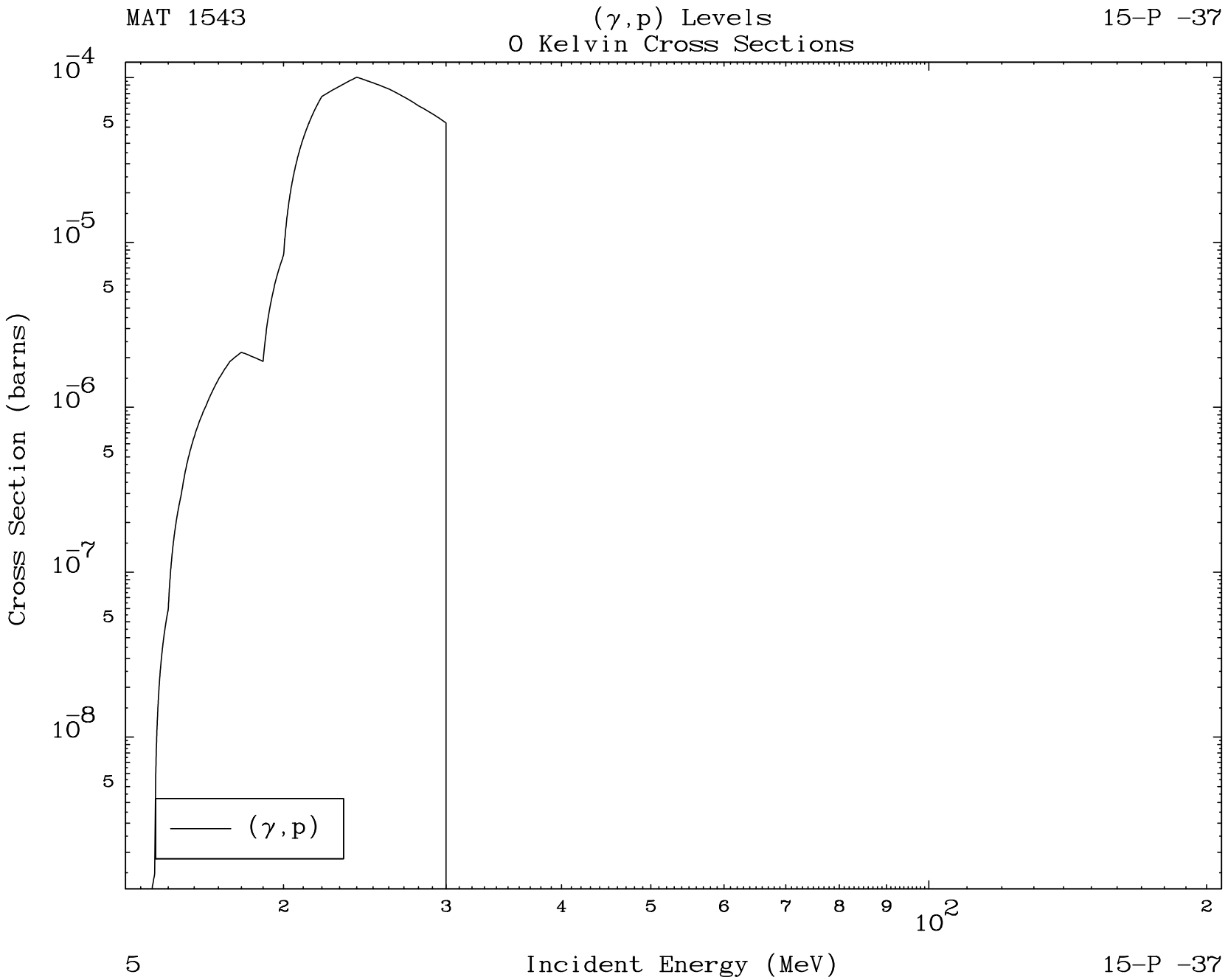
Press Mouse Button to Start


MAT 1543
Photon Major
15-P -37
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
15-P -37


MAT 1543
Photon Neutron Production
0 Kelvin Cross Sections
15-P -37
Cross Section (barns)
Incident Energy (MeV)
15-P -37
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,4n)
(γ,2n) p

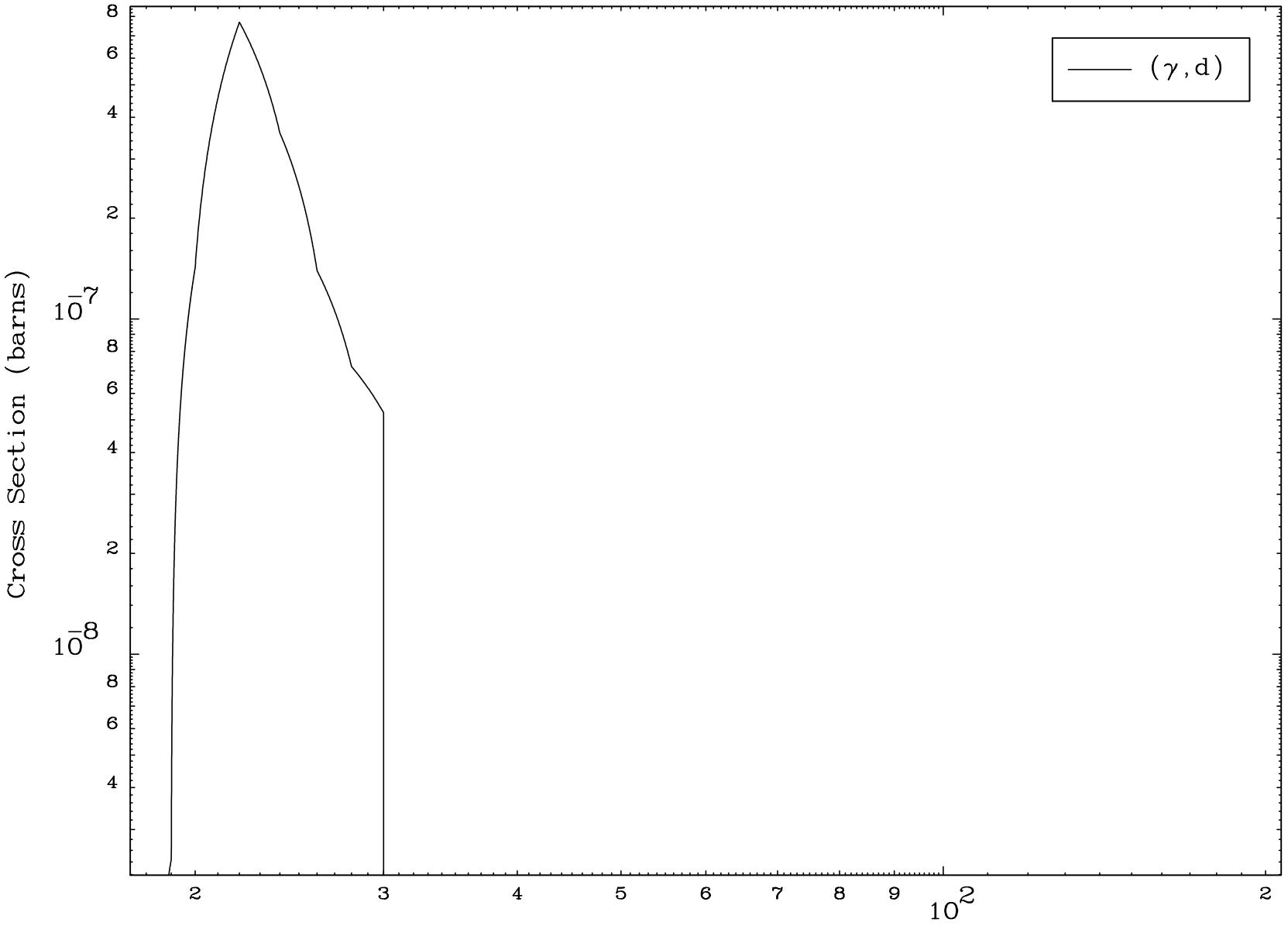

MAT 1543
Photon Charged Particle
0 Kelvin Cross Sections
15-P -37
Cross Section (barns)
Incident Energy (MeV)
3
15-P -37
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
(γ,p)
(γ,d)
(γ,t)
(γ,α)

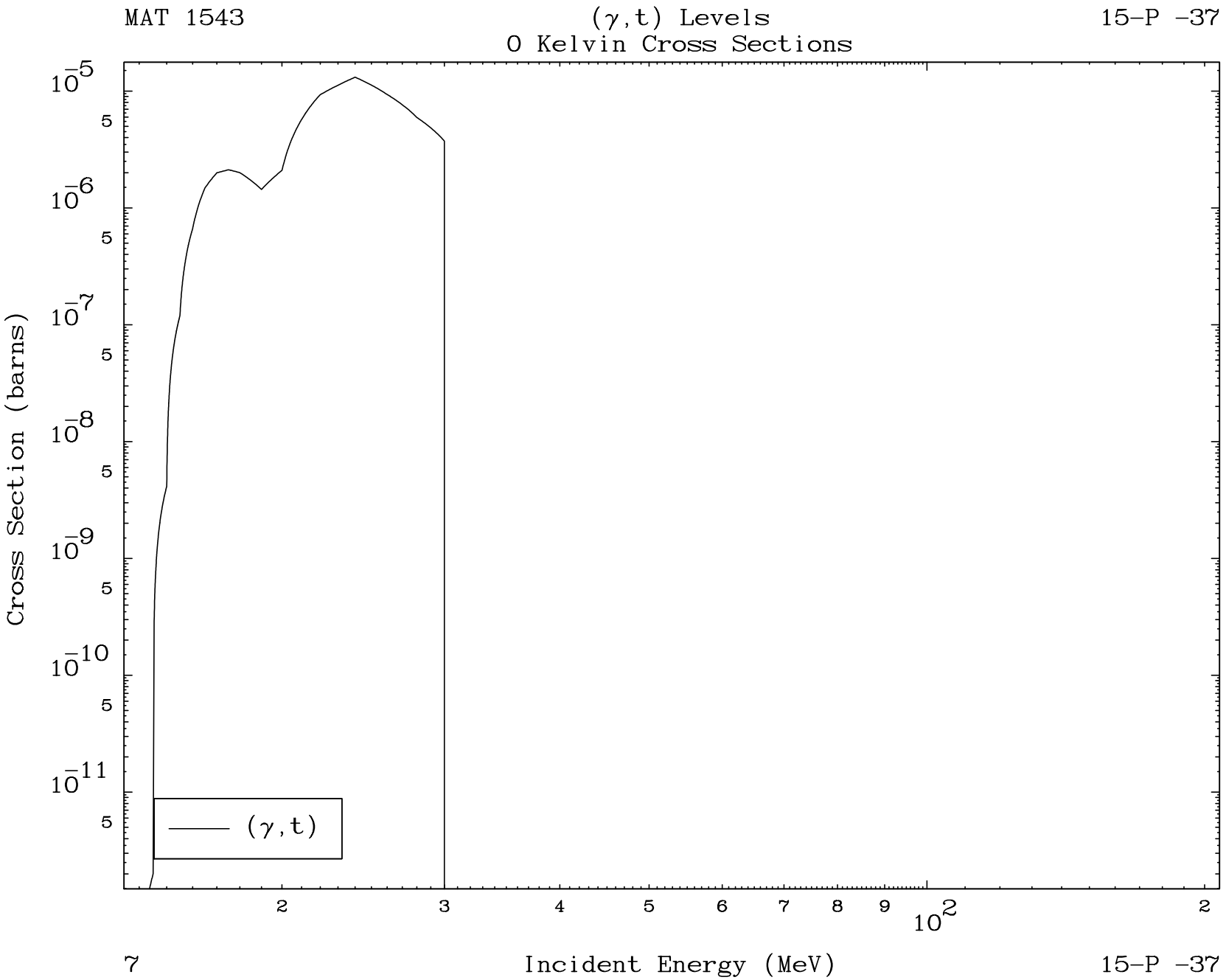

MAT 1543
(γ,n') Level
15-P -37
0 Kelvin Cross Sections
Cross Section (barns)
Incident Energy (MeV)
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
4
15-P -37

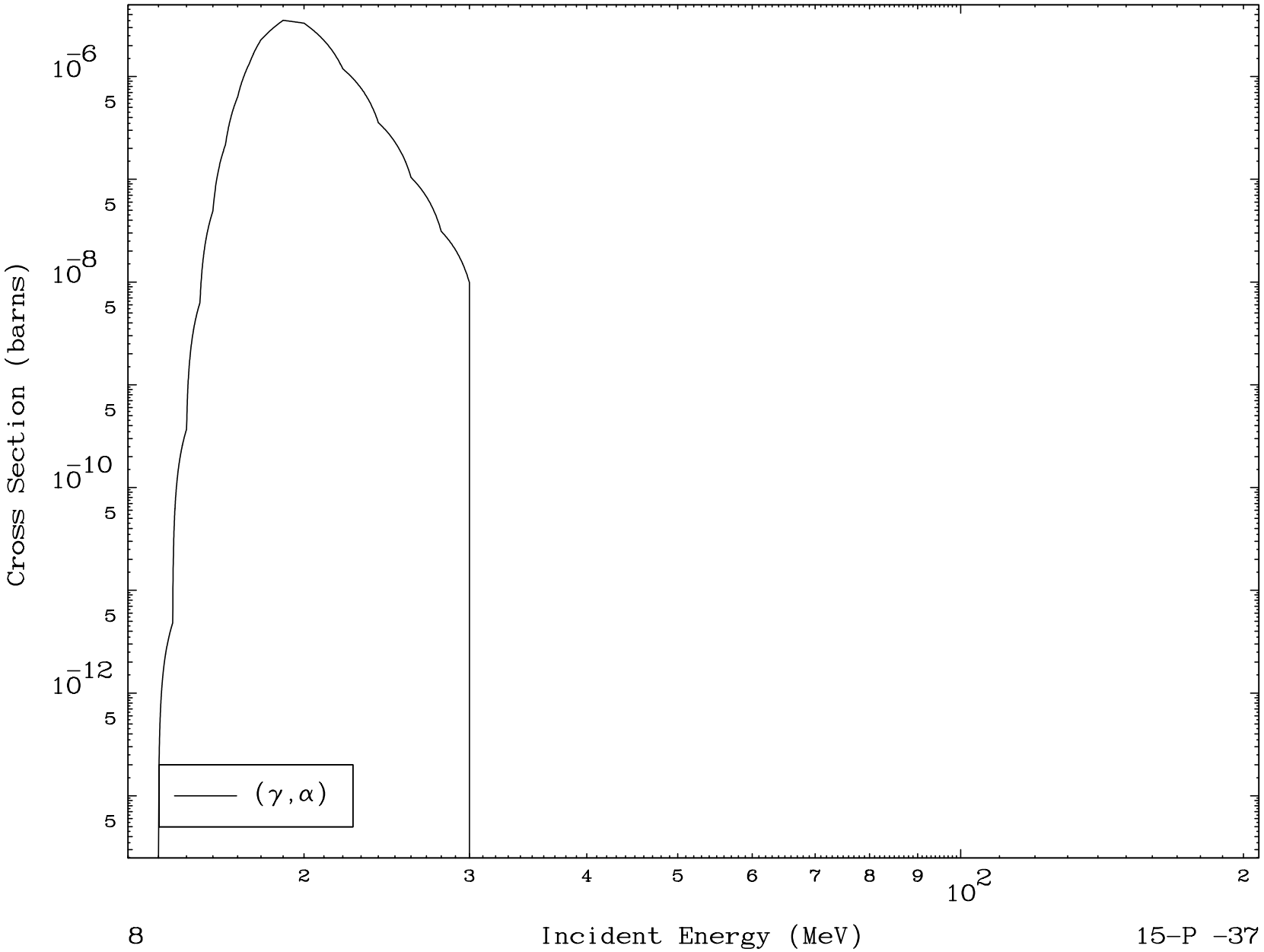

MAT 1543
(γ,p) Levels
15-P -37
0 Kelvin Cross Sections
Cross Section (barns)
10-4
5
10-5
5
10-6
5
10-7
5
10-8
5
(γ,p)
2
3
4
5
6
7
8
9
10 2
2
5
Incident Energy (MeV)
15-P -37

(γ,d) Levels

0 Kelvin Cross Sections




MAT 1543
(γ,t) Levels
15-P -37
0 Kelvin Cross Sections
Cross Section (barns)
10-5
5
10-6
5
10-7
5
10-8
5
10-9
5
10-10
5
10-11
5
(γ,t)
2
3
4
5
6
7
8
9
10 2
2
7
Incident Energy (MeV)
15-P -37


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