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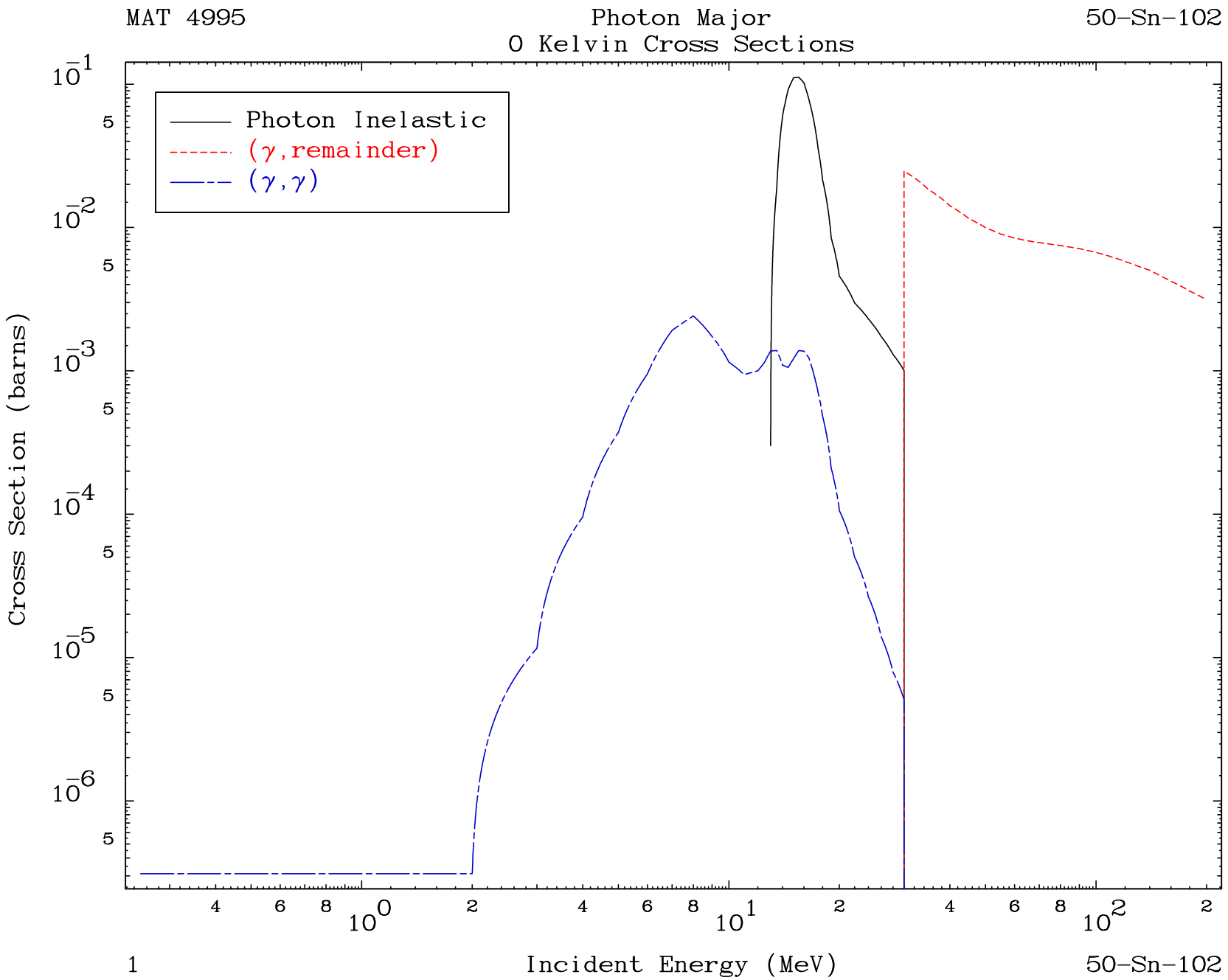
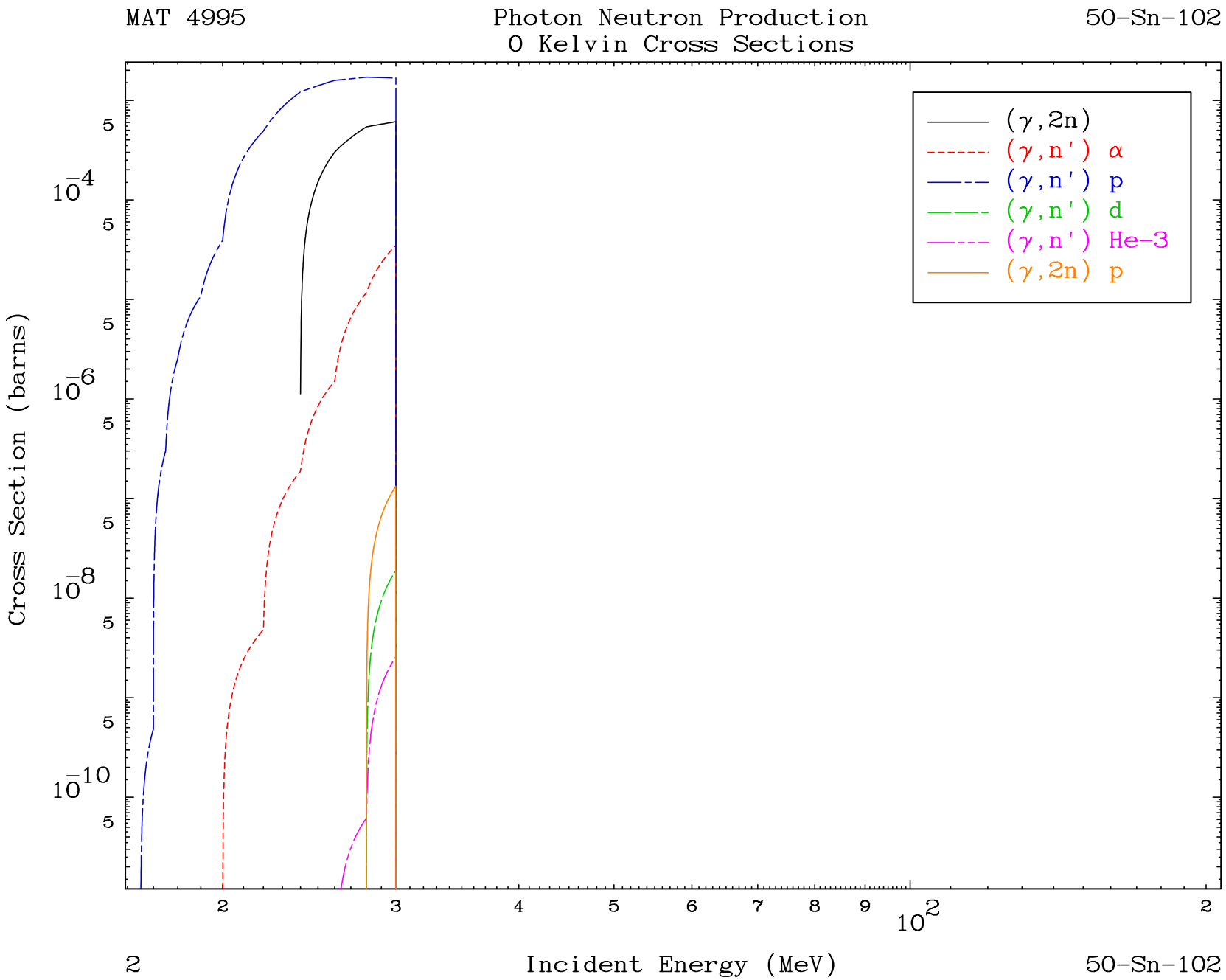
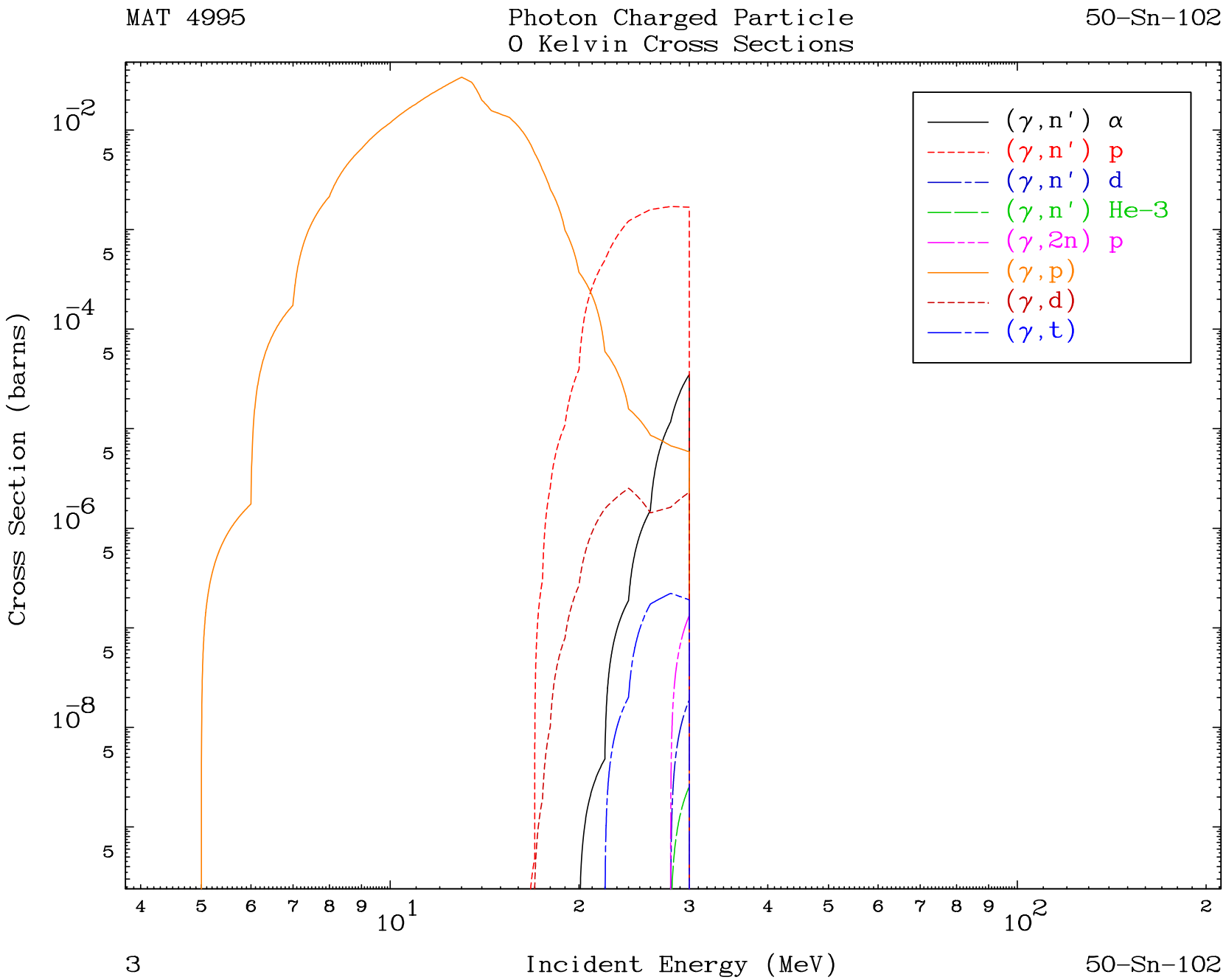
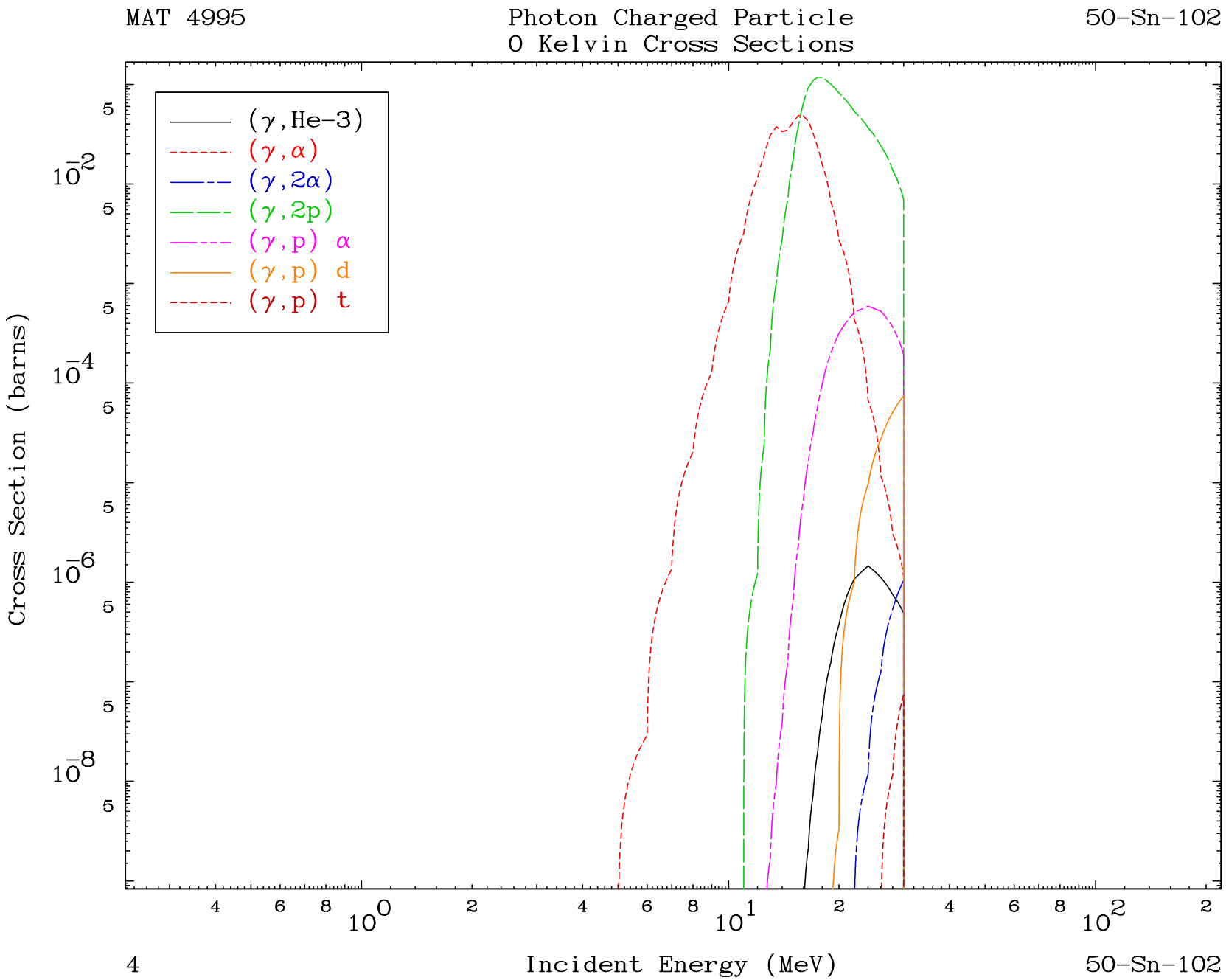
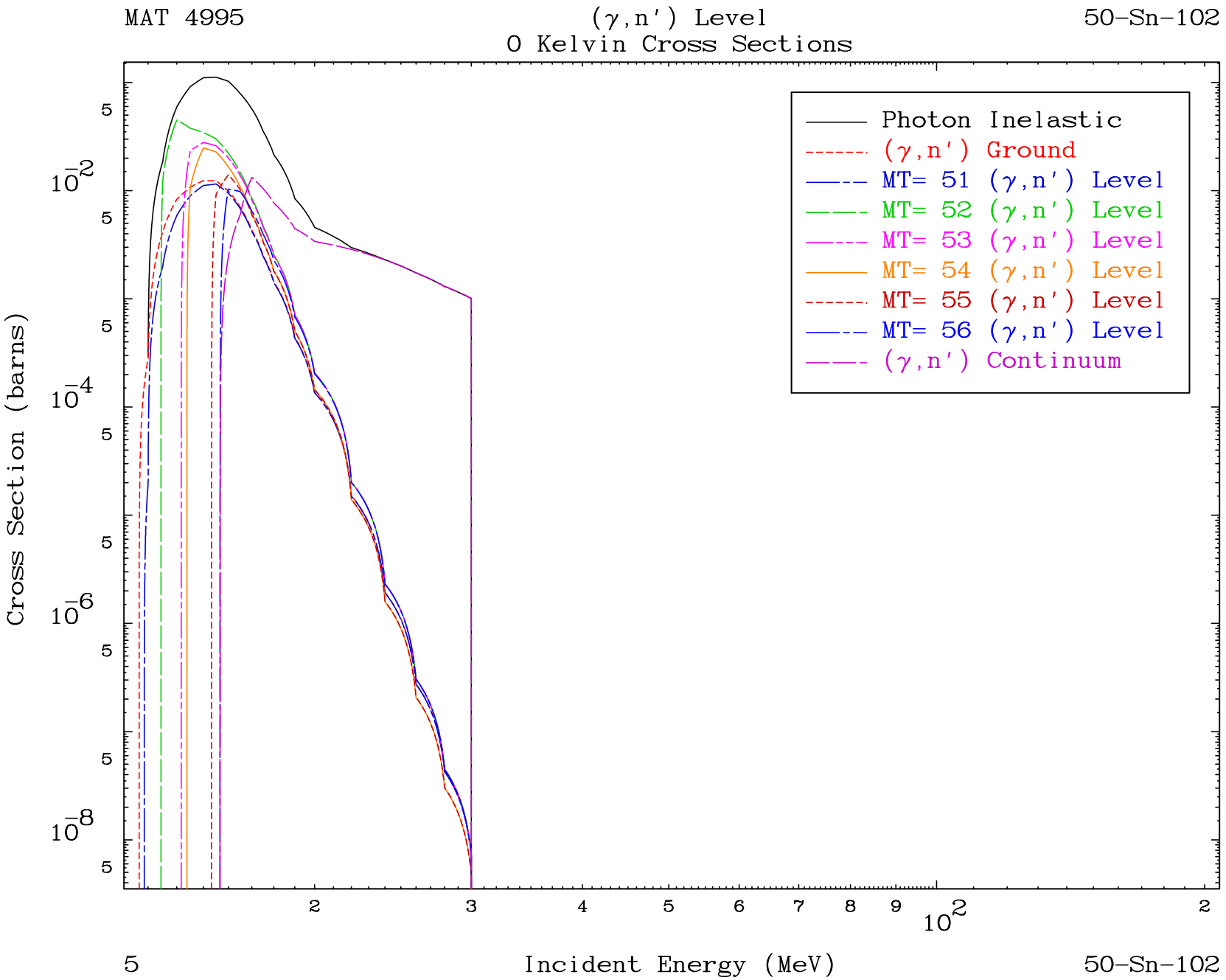
Press Mouse Button to Start

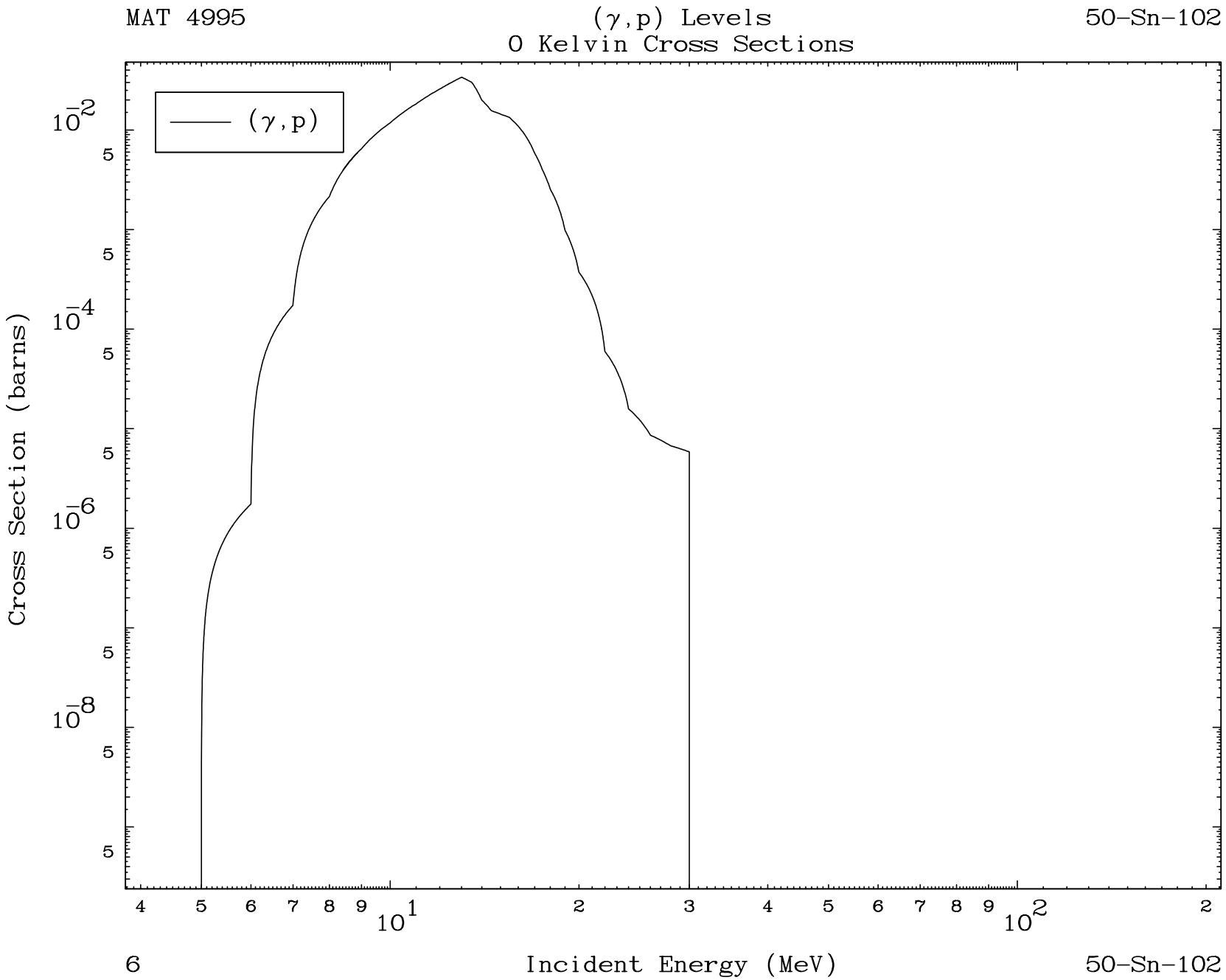

MAT 4995
Photon Major
50-Sn-102
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
1
50-Sn-102

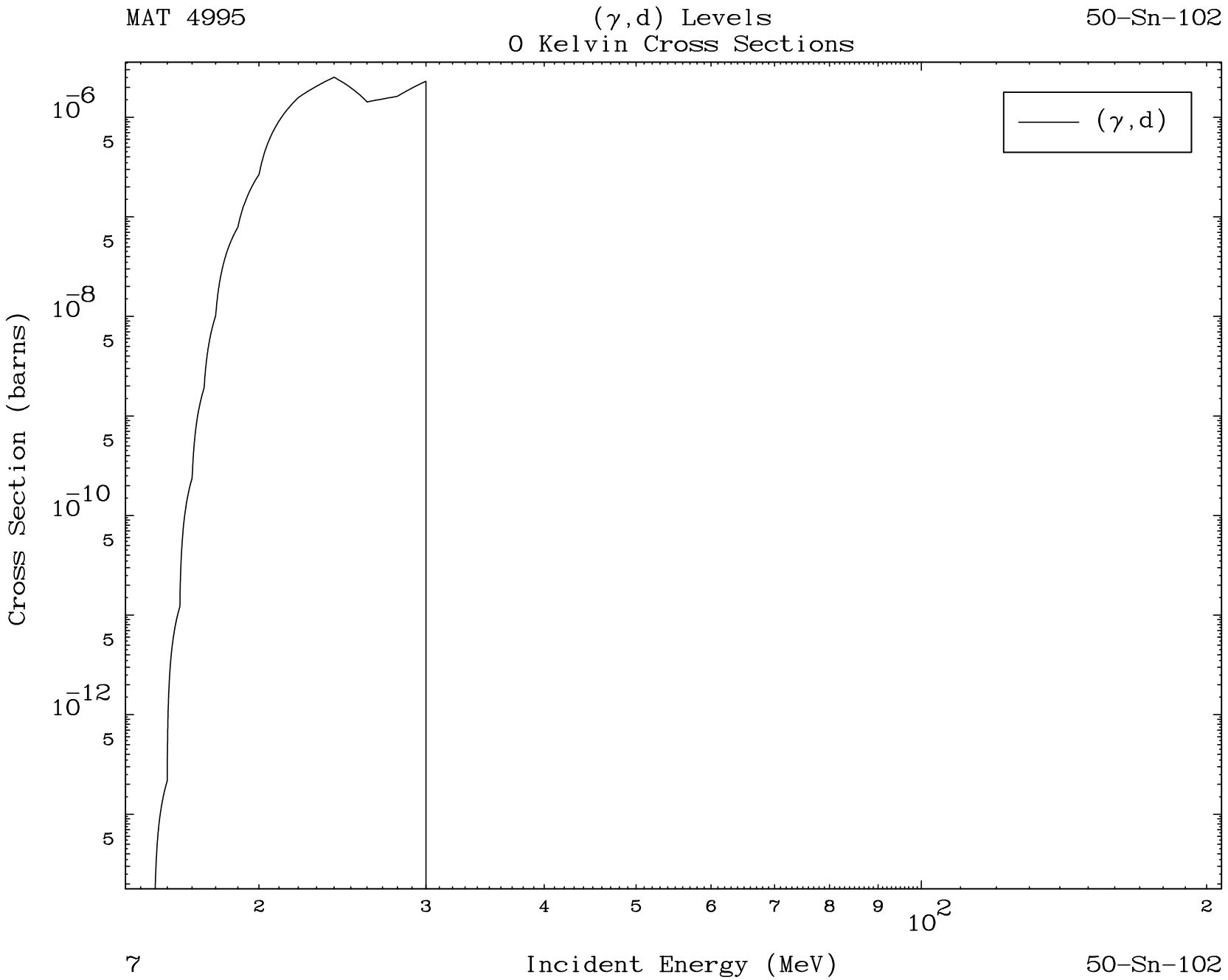

MAT 4995
Photon Neutron Production
0 Kelvin Cross Sections
50-Sn-102
(γ,2n)
(γ,n') α
(γ,n') p
(γ,n') d
(γ,n') He-3
(γ,2n) p
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
50-Sn-102

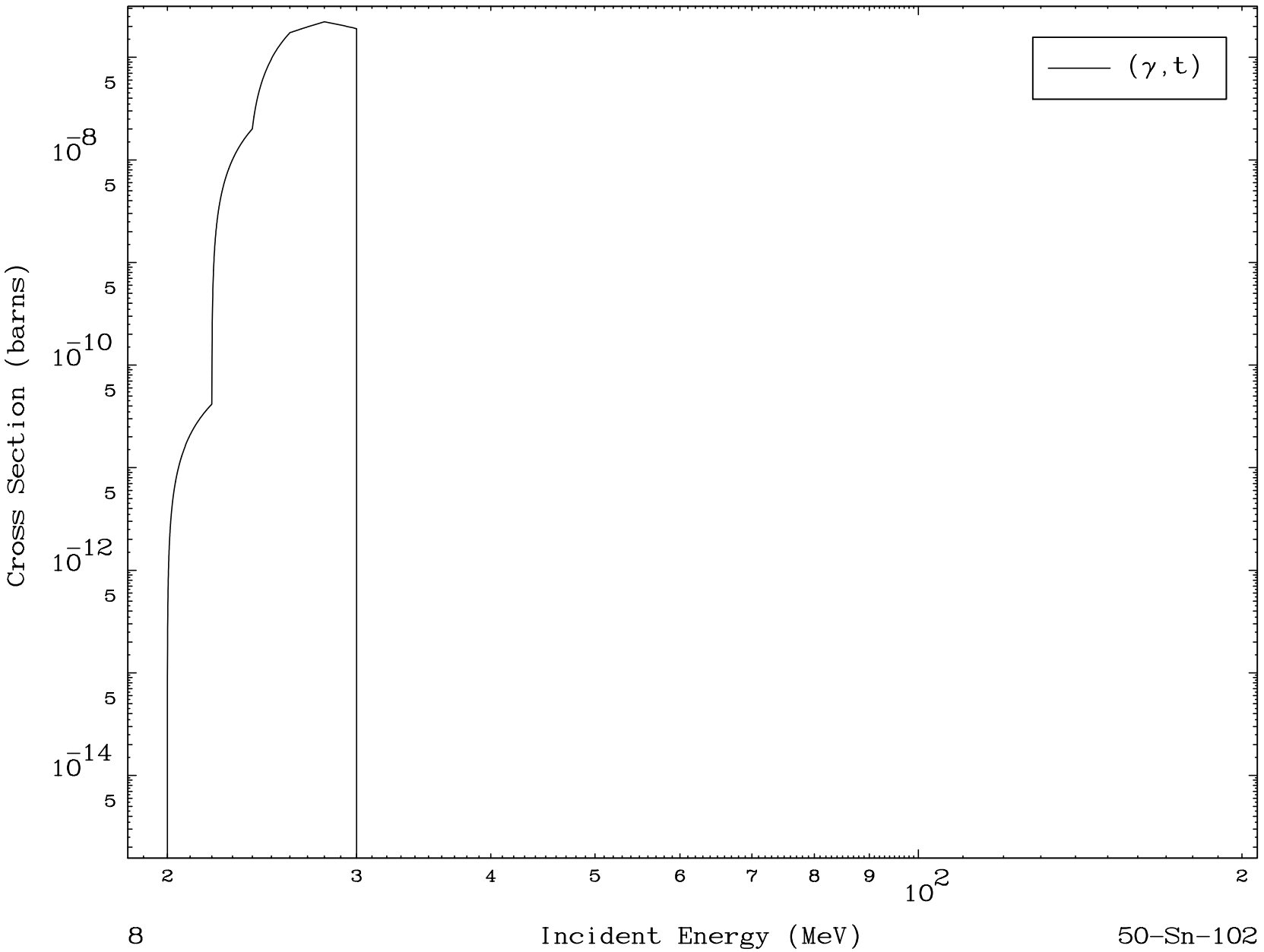

MAT 4995
Photon Charged Particle
0 Kelvin Cross Sections
50-Sn-102
Cross Section (barns)
Incident Energy (MeV)
(γ,n') α
(γ,n') p
(γ,n') d
(γ,n') He-3
(γ,2n) p
(γ,p)
(γ,d)
(γ,t)
3
50-Sn-102

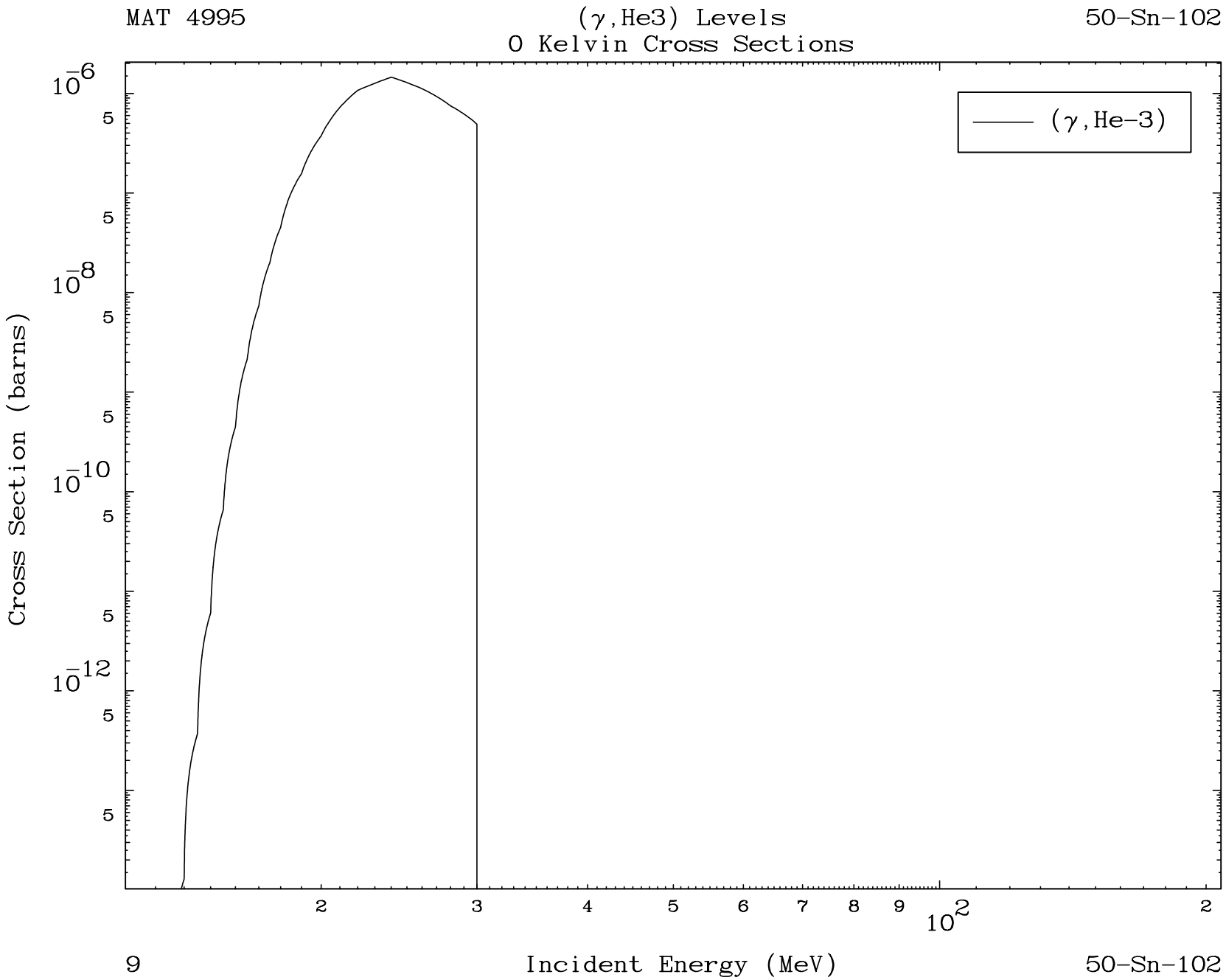

MAT 4995
Photon Charged Particle
0 Kelvin Cross Sections
50-Sn-102
(γ,He-3)
(γ,α)
(γ,2α)
(γ,2p)
(γ,p) α
(γ,p) d
(γ,p) t
Cross Section (barns)
Incident Energy (MeV)
4
50-Sn-102

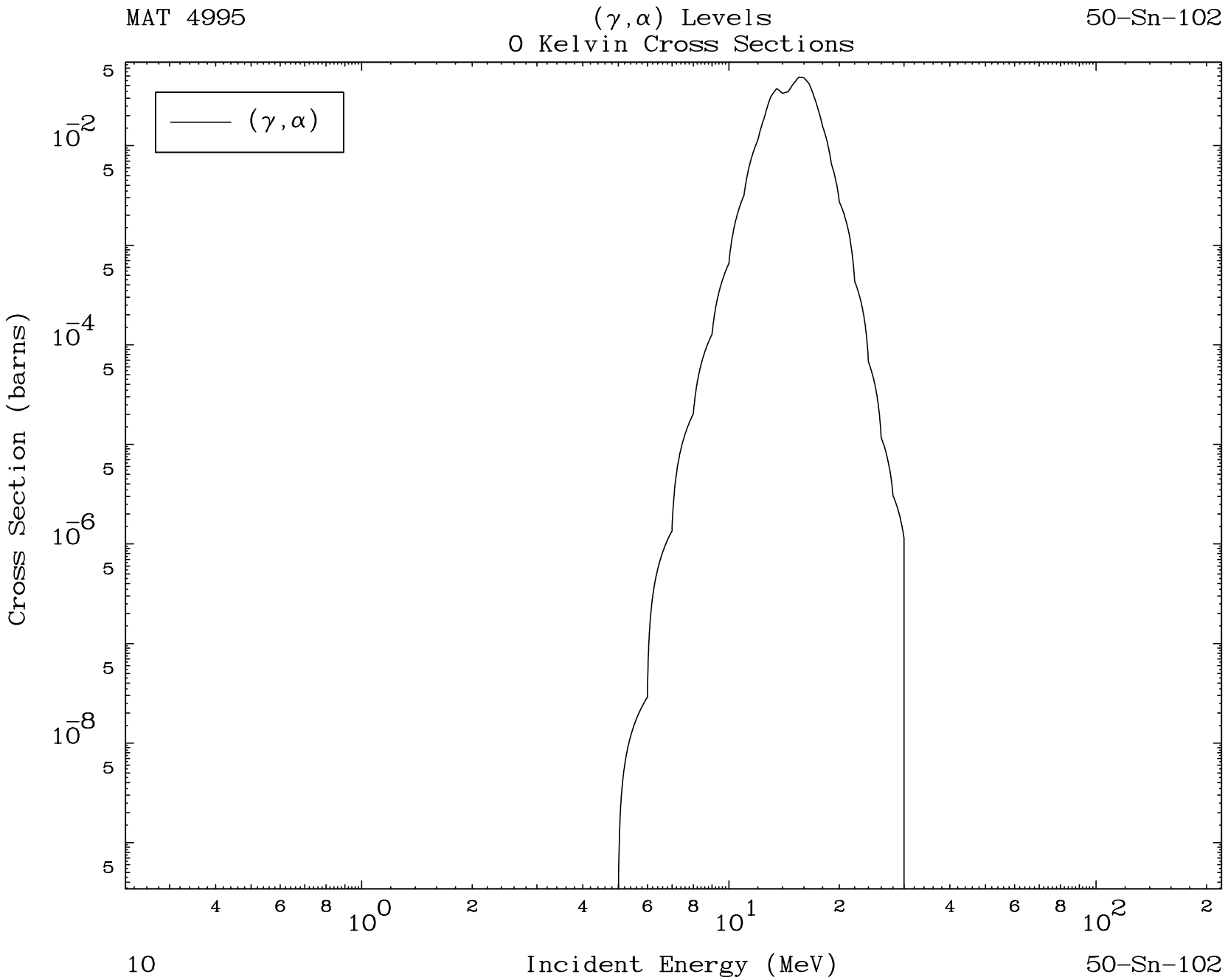

MAT 4995
(γ,n') Level
50-Sn-102
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
MT= 52 (γ,n') Level
MT= 53 (γ,n') Level
MT= 54 (γ,n') Level
MT= 55 (γ,n') Level
MT= 56 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
50-Sn-102


MAT 4995
(γ,p) Levels
50-Sn-102
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
6
50-Sn-102


MAT 4995
(γ,d) Levels
50-Sn-102
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)
7
50-Sn-102


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)


MAT 4995
(γ,He3) Levels
50-Sn-102
0 Kelvin Cross Sections
(γ,He-3)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
9
Incident Energy (MeV)
50-Sn-102


MAT 4995
(γ,α) Levels
50-Sn-102
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
50-Sn-102