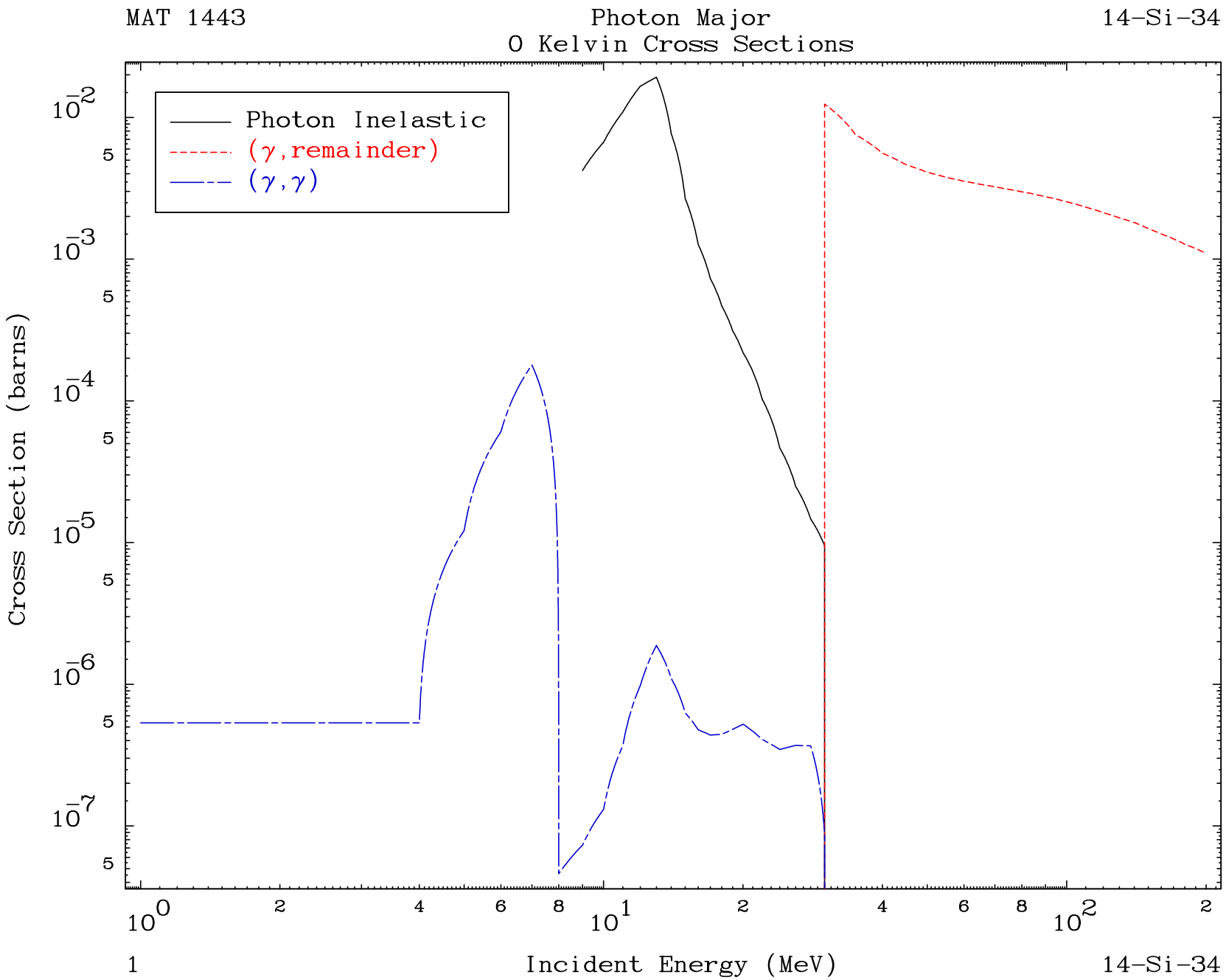
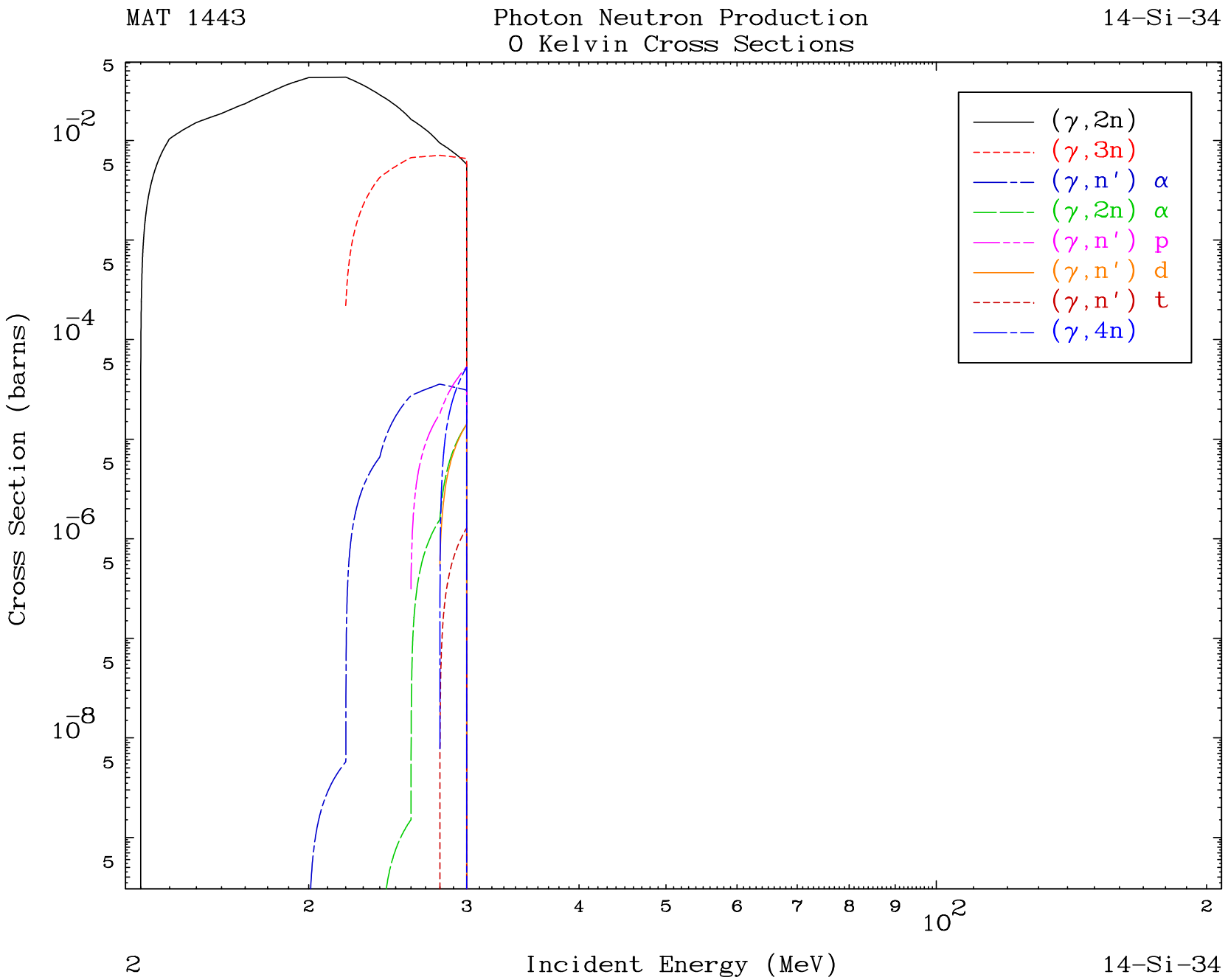
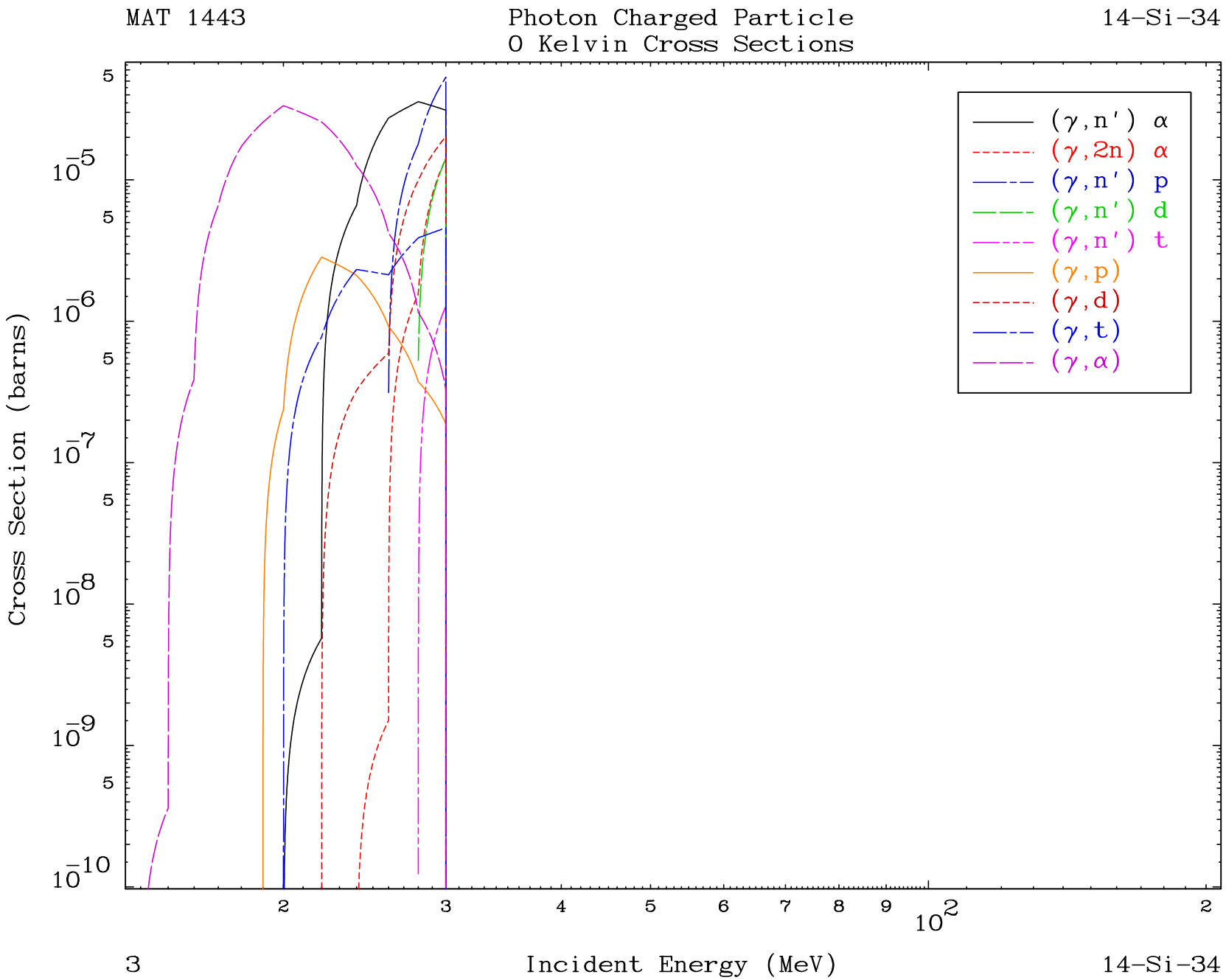
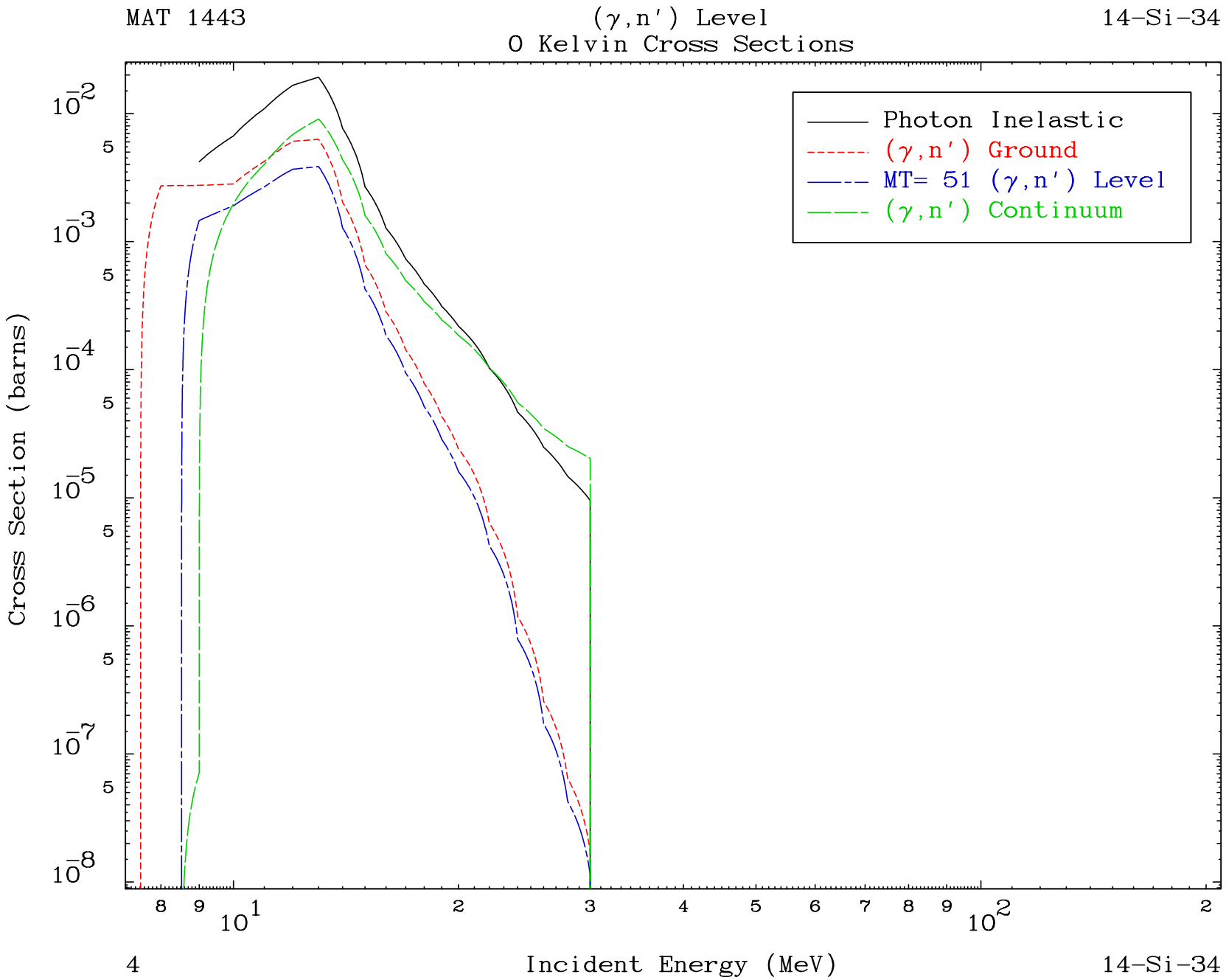
Program EVALPLOT
(Version 2017-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

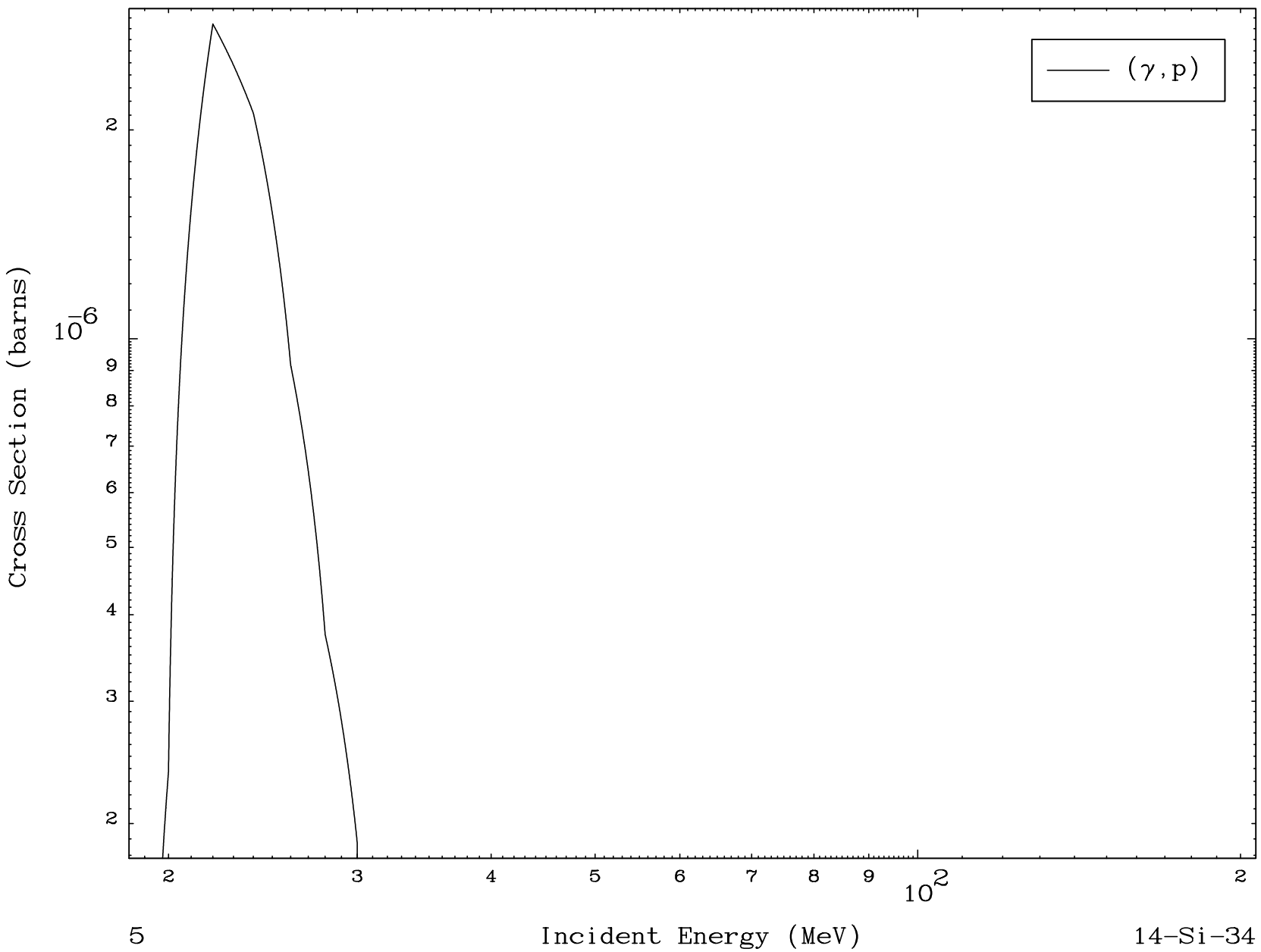
Press Mouse Button to Start

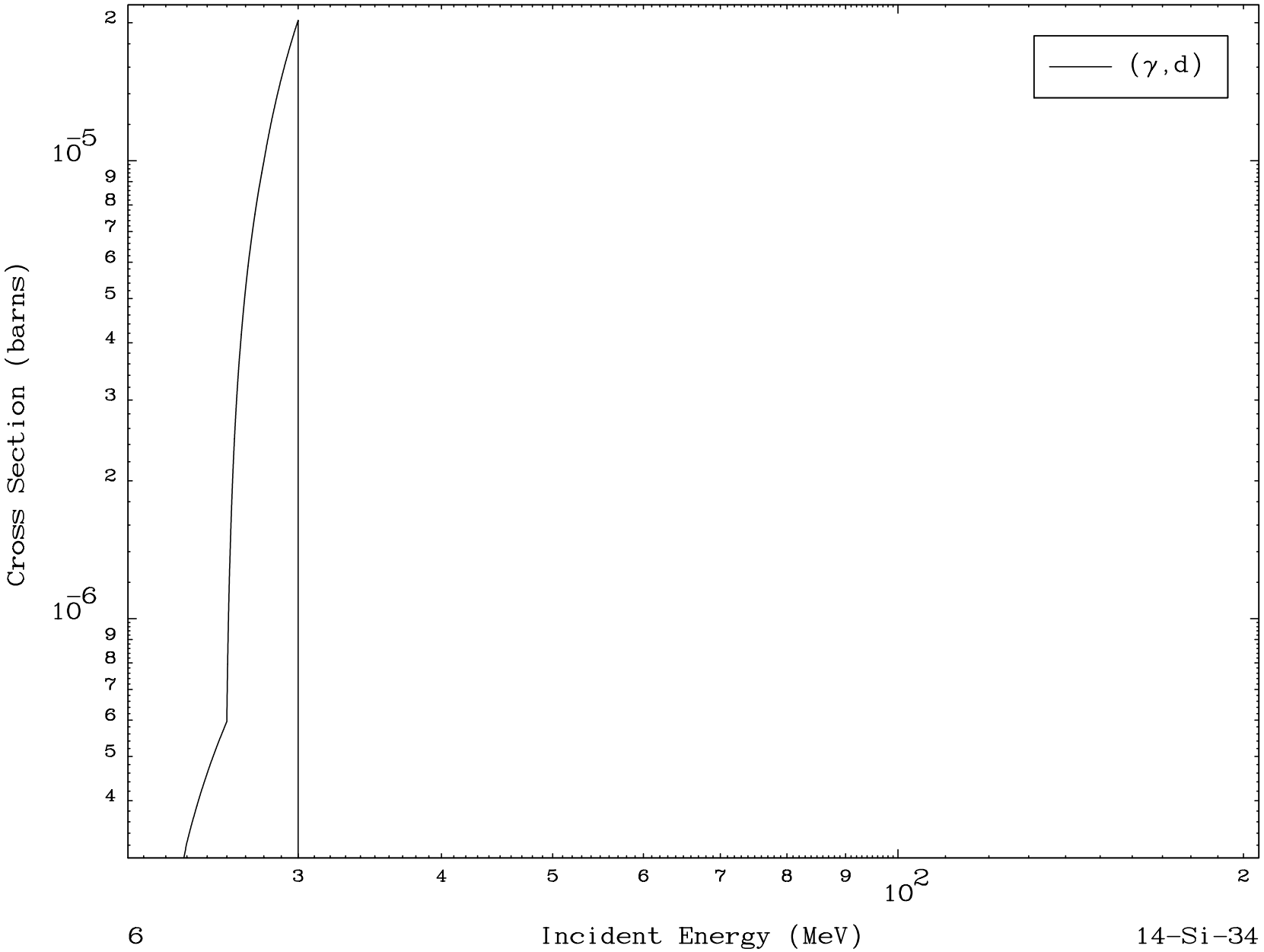

MAT 1443
Photon Major
14-Si-34
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
14-Si-34

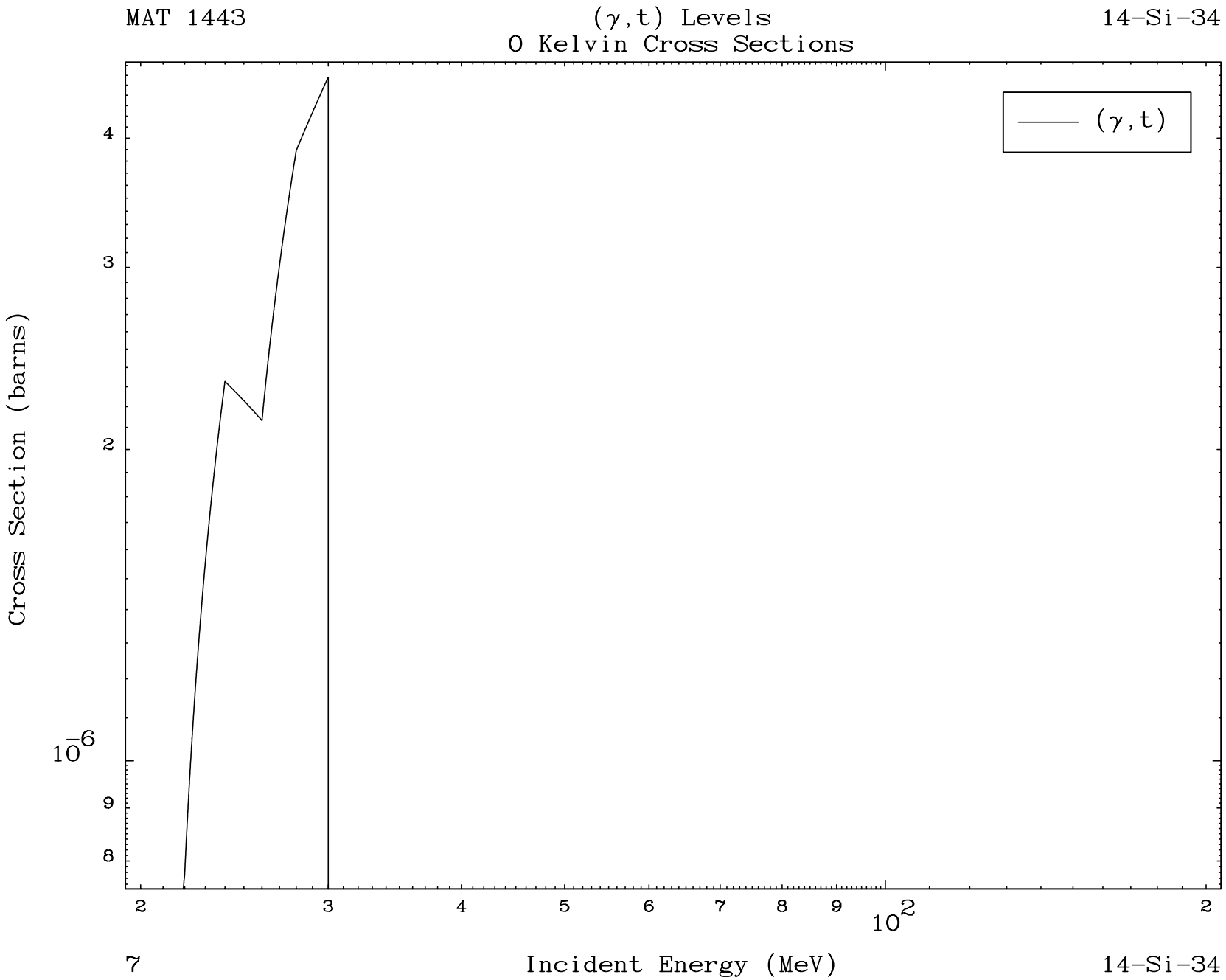

MAT 1443
Photon Neutron Production
0 Kelvin Cross Sections
14-Si-34
Cross Section (barns)
Incident Energy (MeV)
14-Si-34
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,4n)

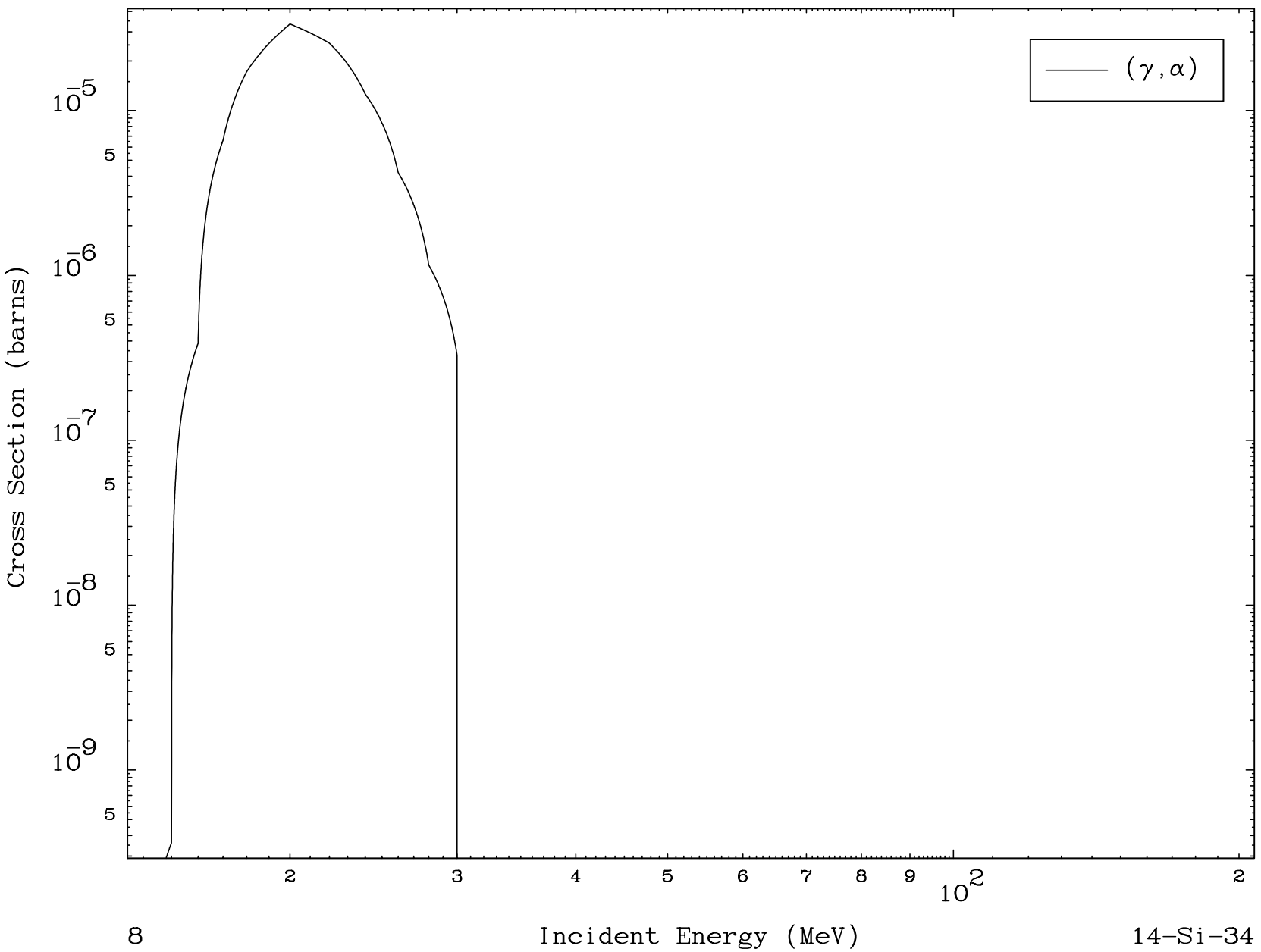

MAT 1443
Photon Charged Particle
0 Kelvin Cross Sections
14-Si-34
Cross Section (barns)
Incident Energy (MeV)
3
14-Si-34
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,p)
(γ,d)
(γ,t)
(γ,α)


MAT 1443
(γ,n') Level
14-Si-34
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
4
14-Si-34


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


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


MAT 1443
(γ,t) Levels
14-Si-34
0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
4
3
2
10^-6
9
8
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
7
14-Si-34


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