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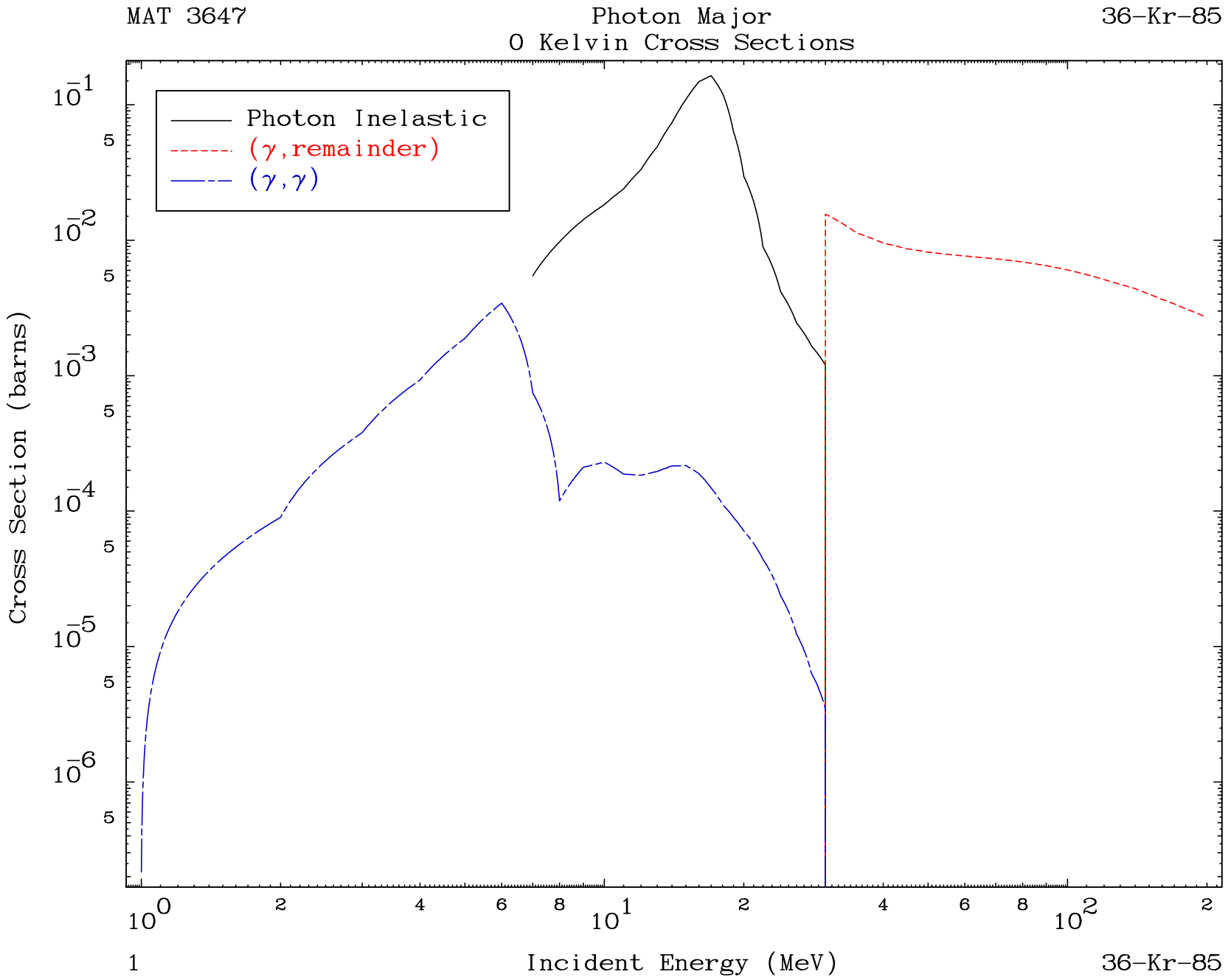
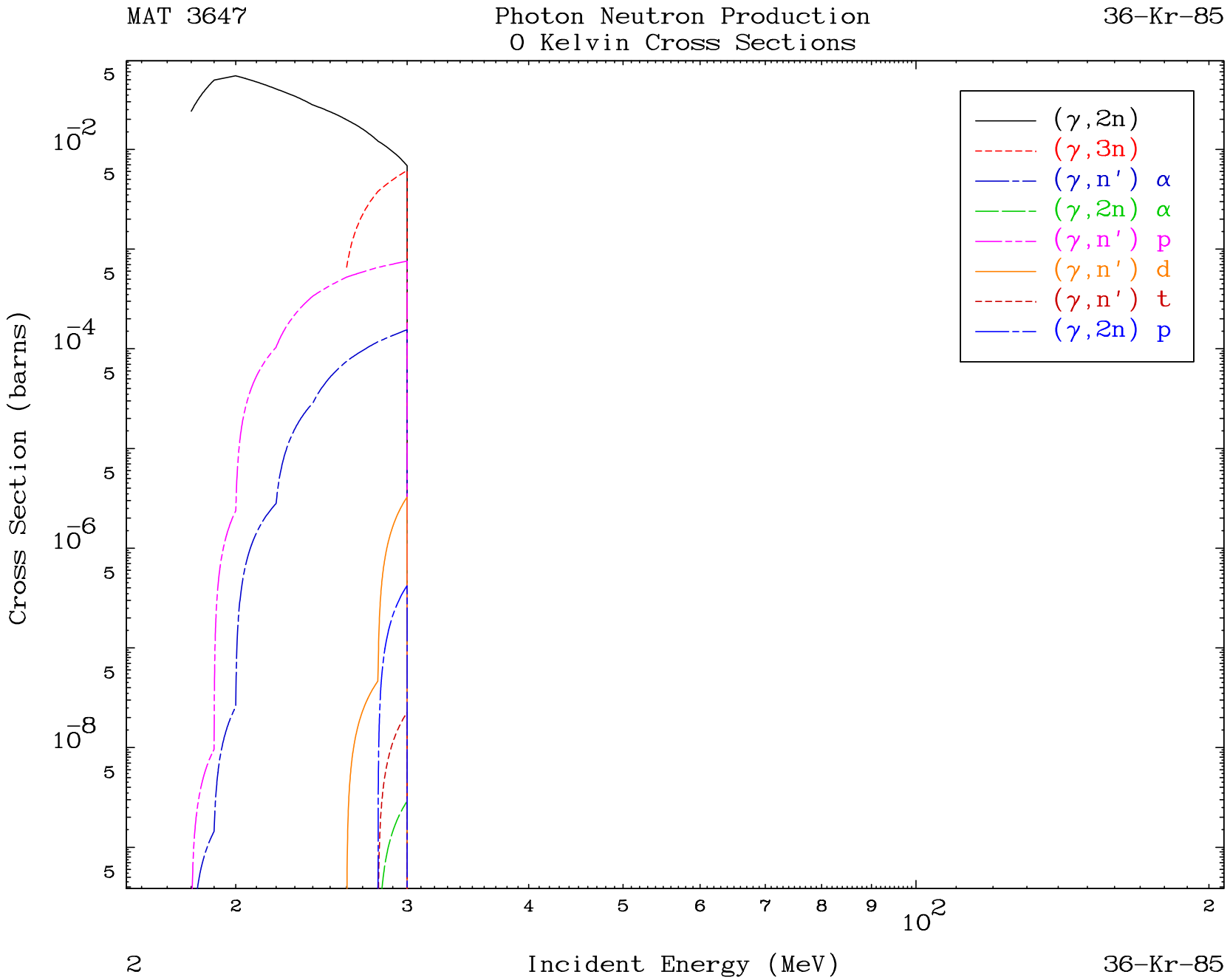
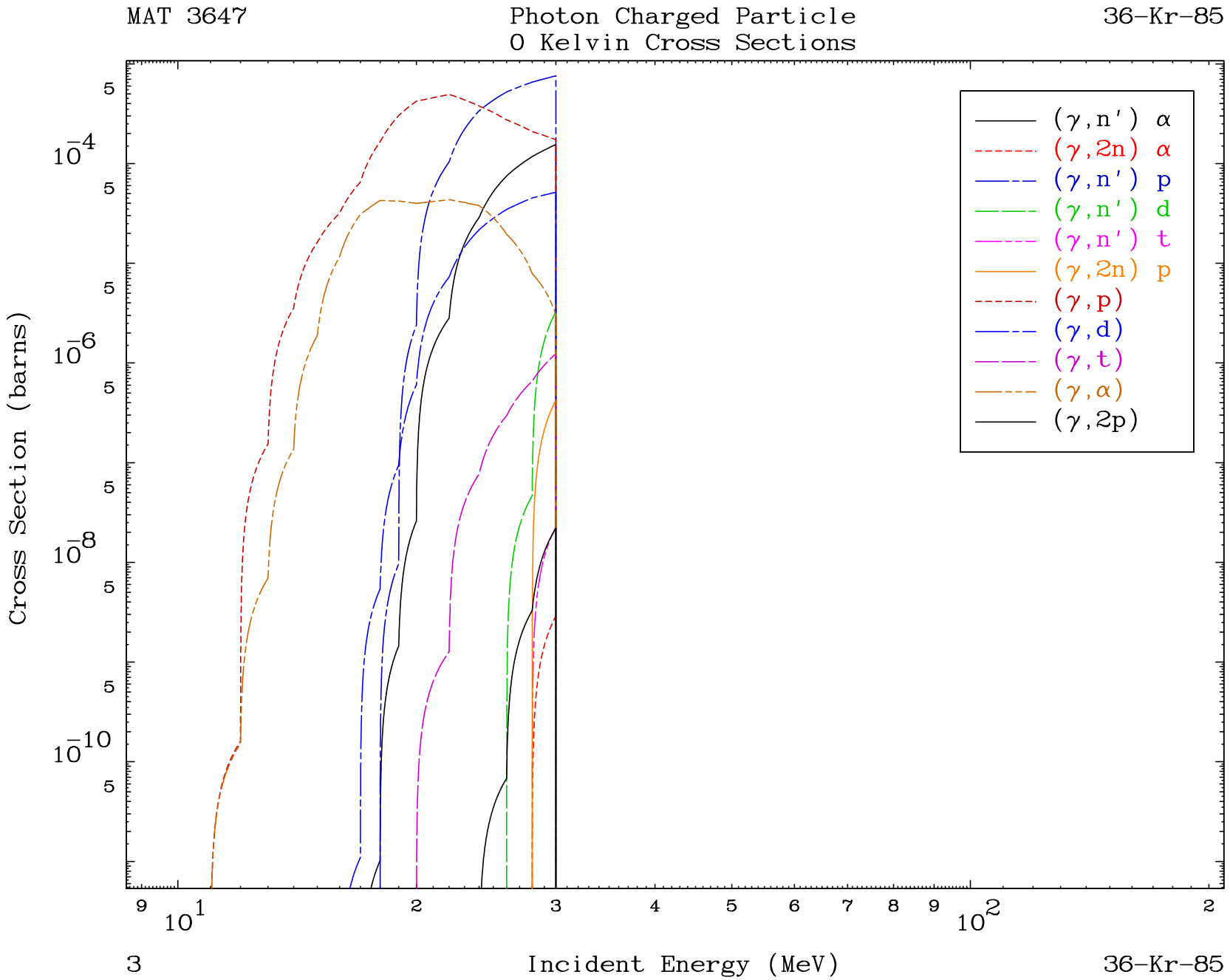
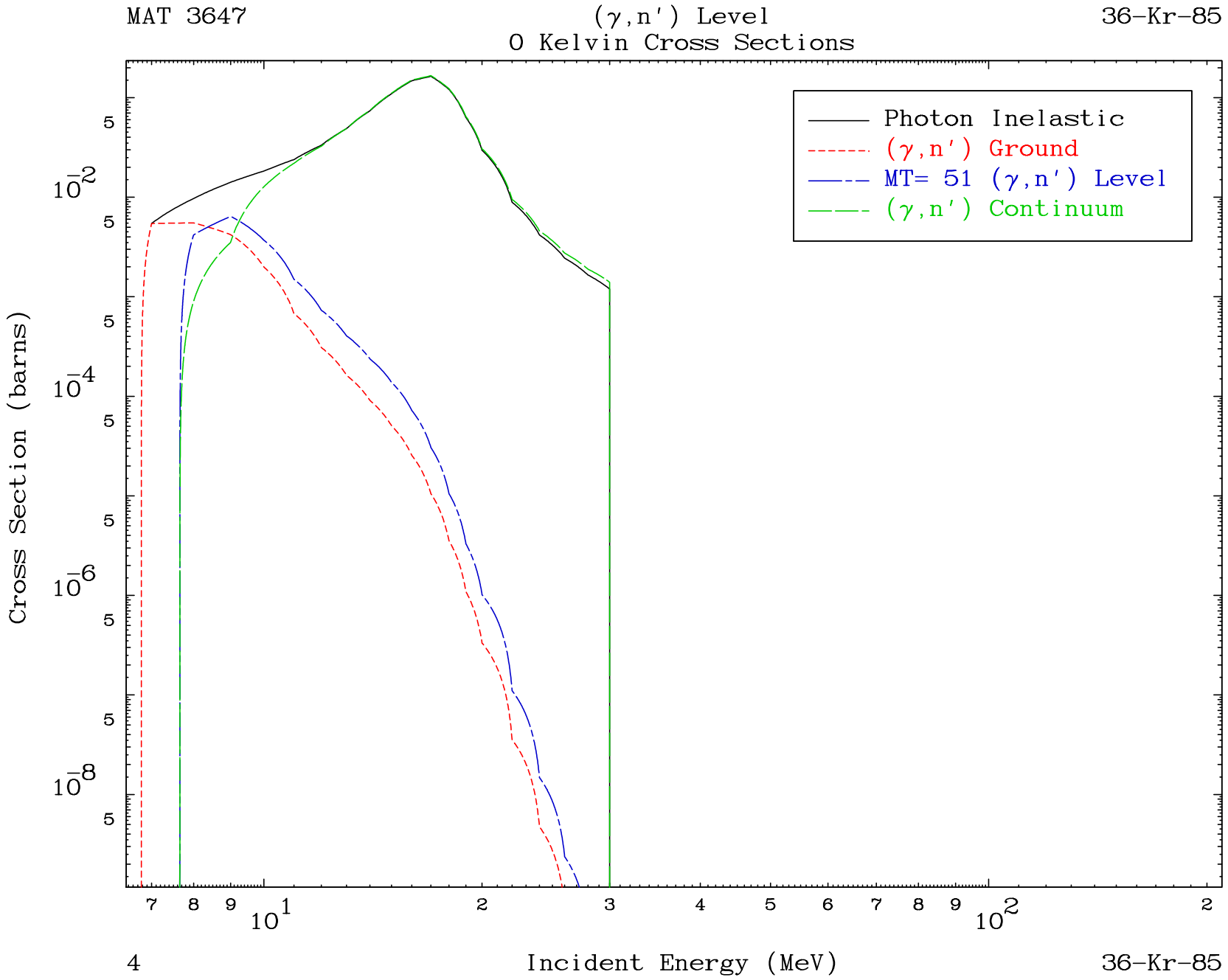
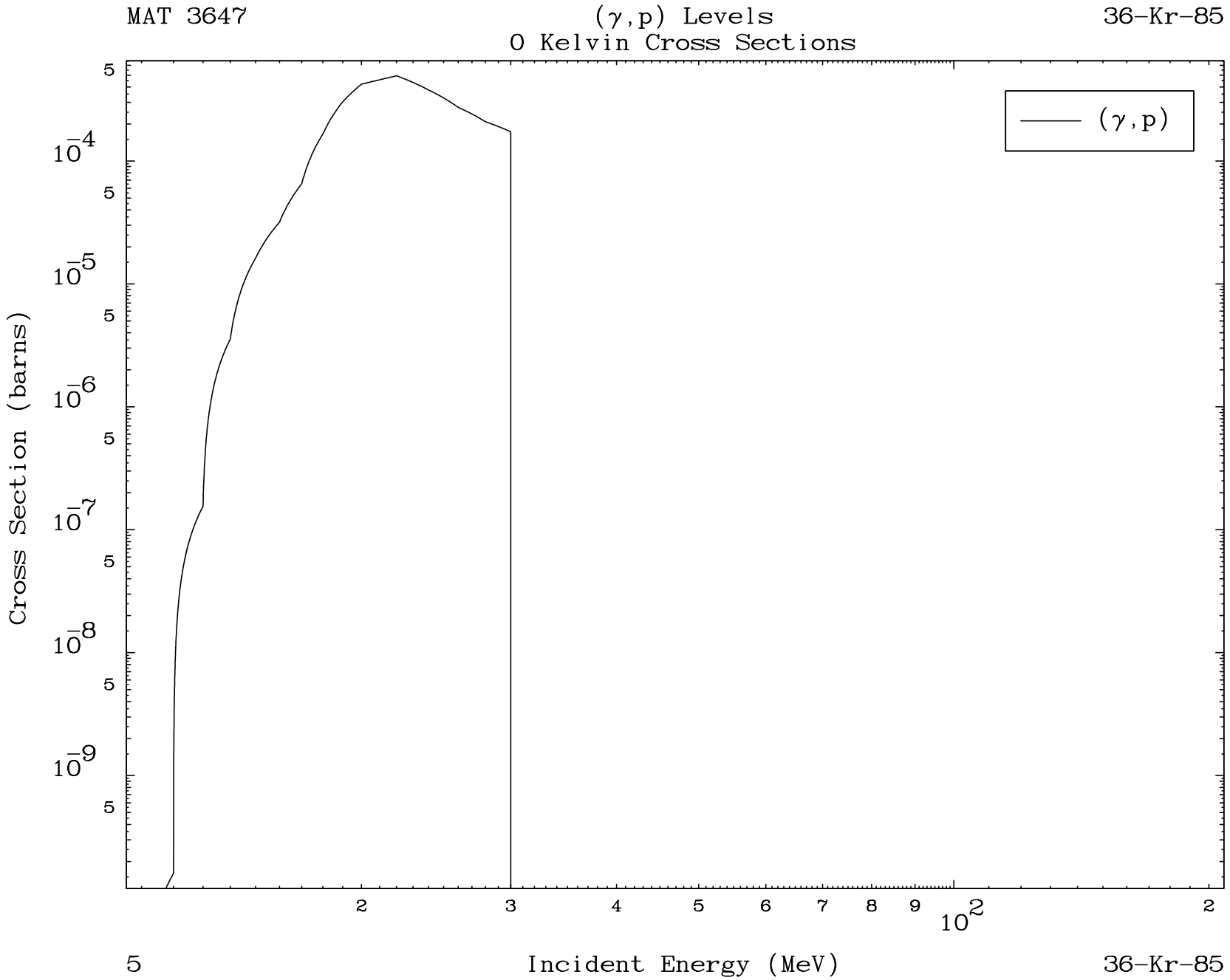
Press Mouse Button to Start

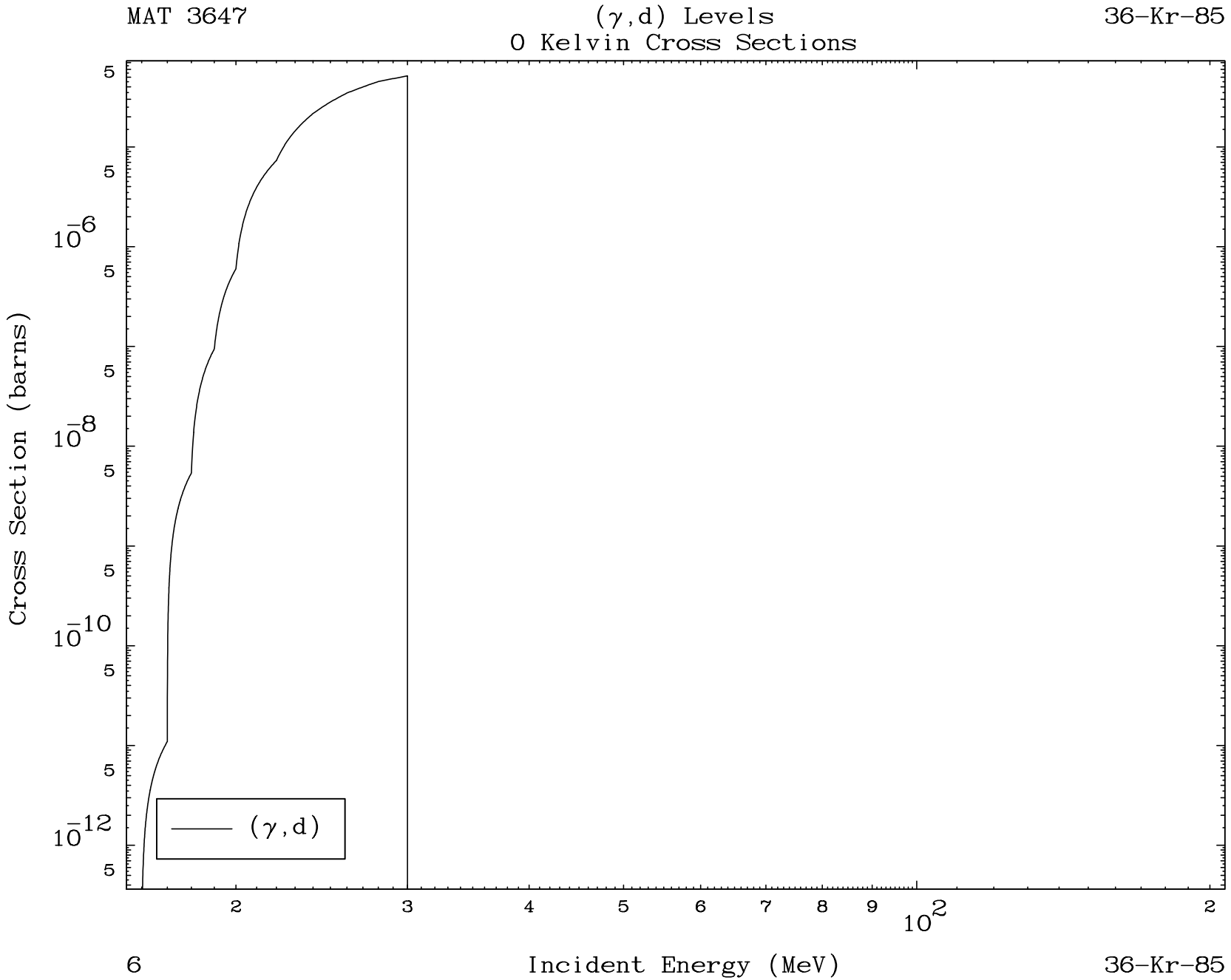

MAT 3647
Photon Major
36-Kr-85
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
36-Kr-85

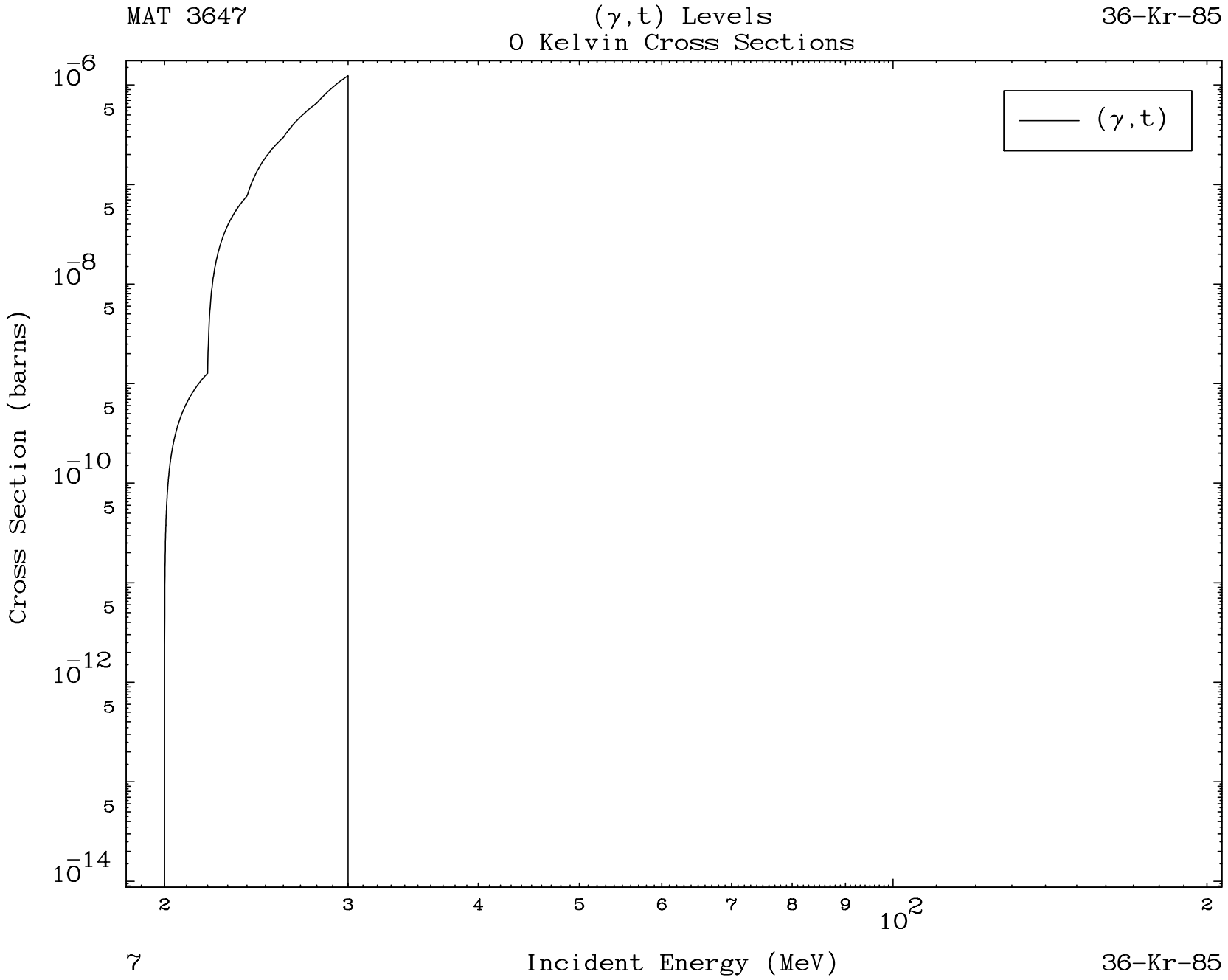

MAT 3647
Photon Neutron Production
0 Kelvin Cross Sections
36-Kr-85
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
Cross Section (barns)
Incident Energy (MeV)
36-Kr-85

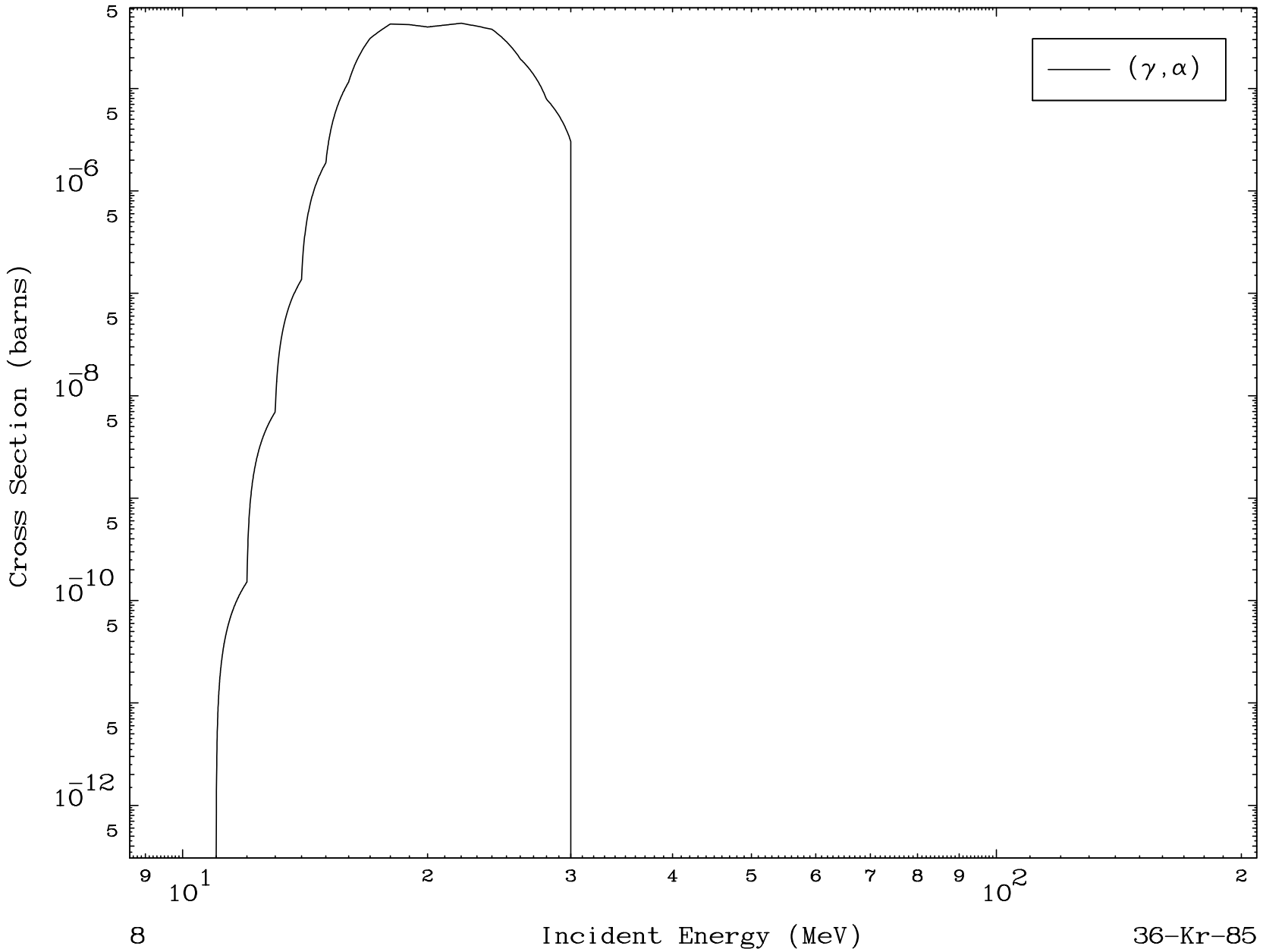

MAT 3647
Photon Charged Particle
0 Kelvin Cross Sections
36-Kr-85
Cross Section (barns)
10-4
10-6
10-8
10-10
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
(γ,p)
(γ,d)
(γ,t)
(γ,α)
(γ,2p)
9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
3
36-Kr-85

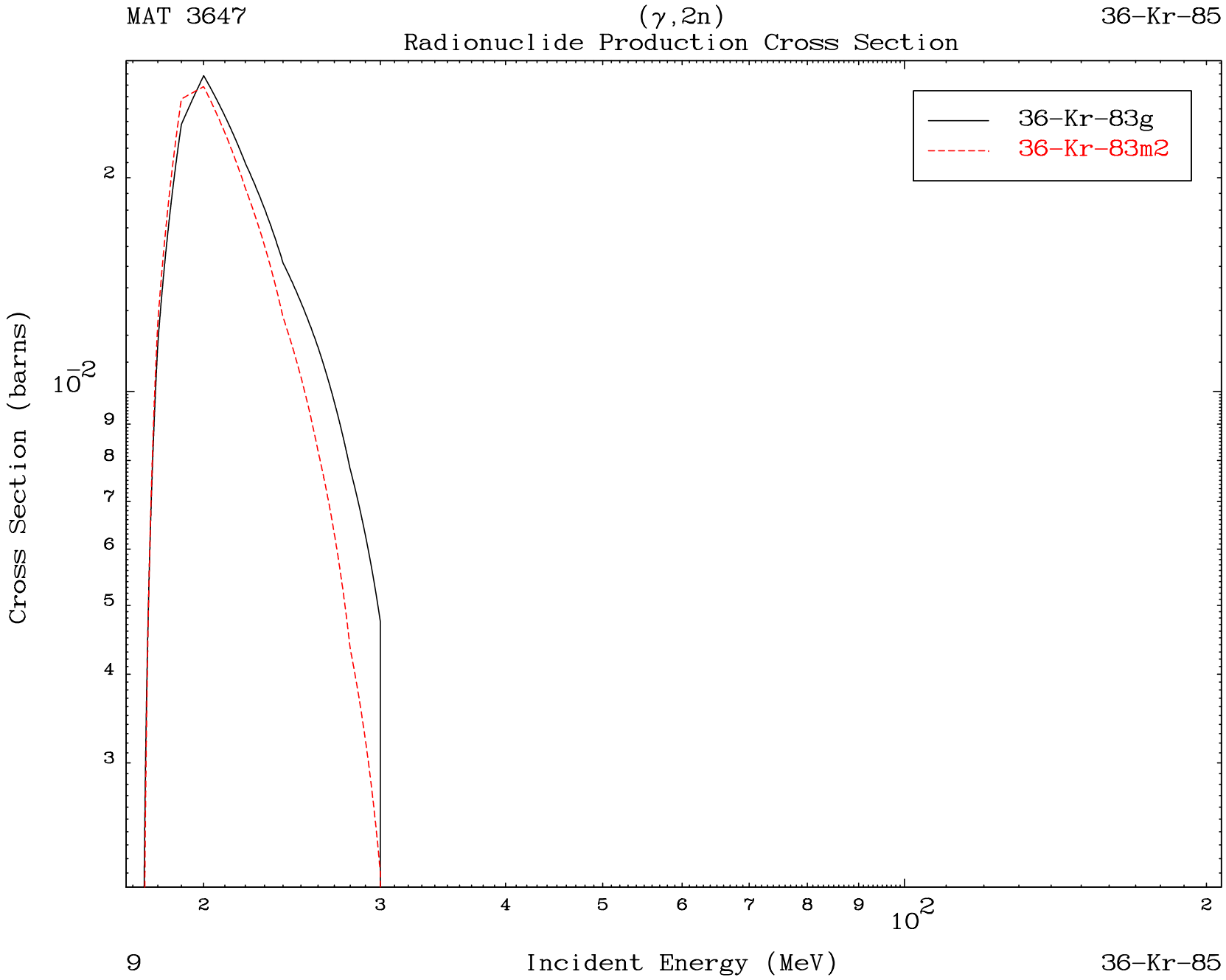

MAT 3647
(γ,n') Level
36-Kr-85
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
10-2
10-4
10-6
10-8
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
4
36-Kr-85

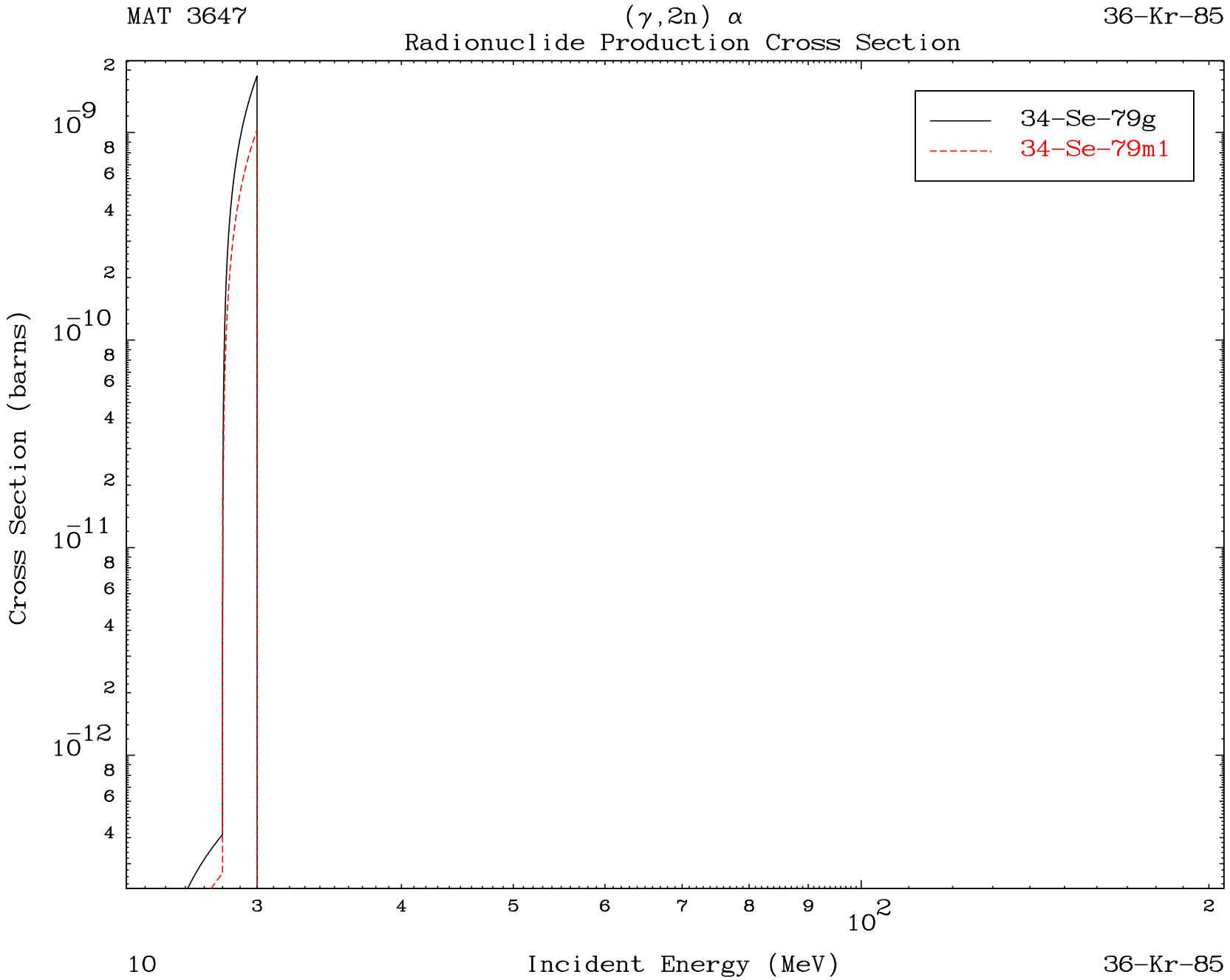

MAT 3647
(γ,p) Levels
36-Kr-85
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
10-4
10-5
10-6
10-7
10-8
10-9
5
2
3
4
5
6
7
8
9
10 2
2
5
Incident Energy (MeV)
36-Kr-85

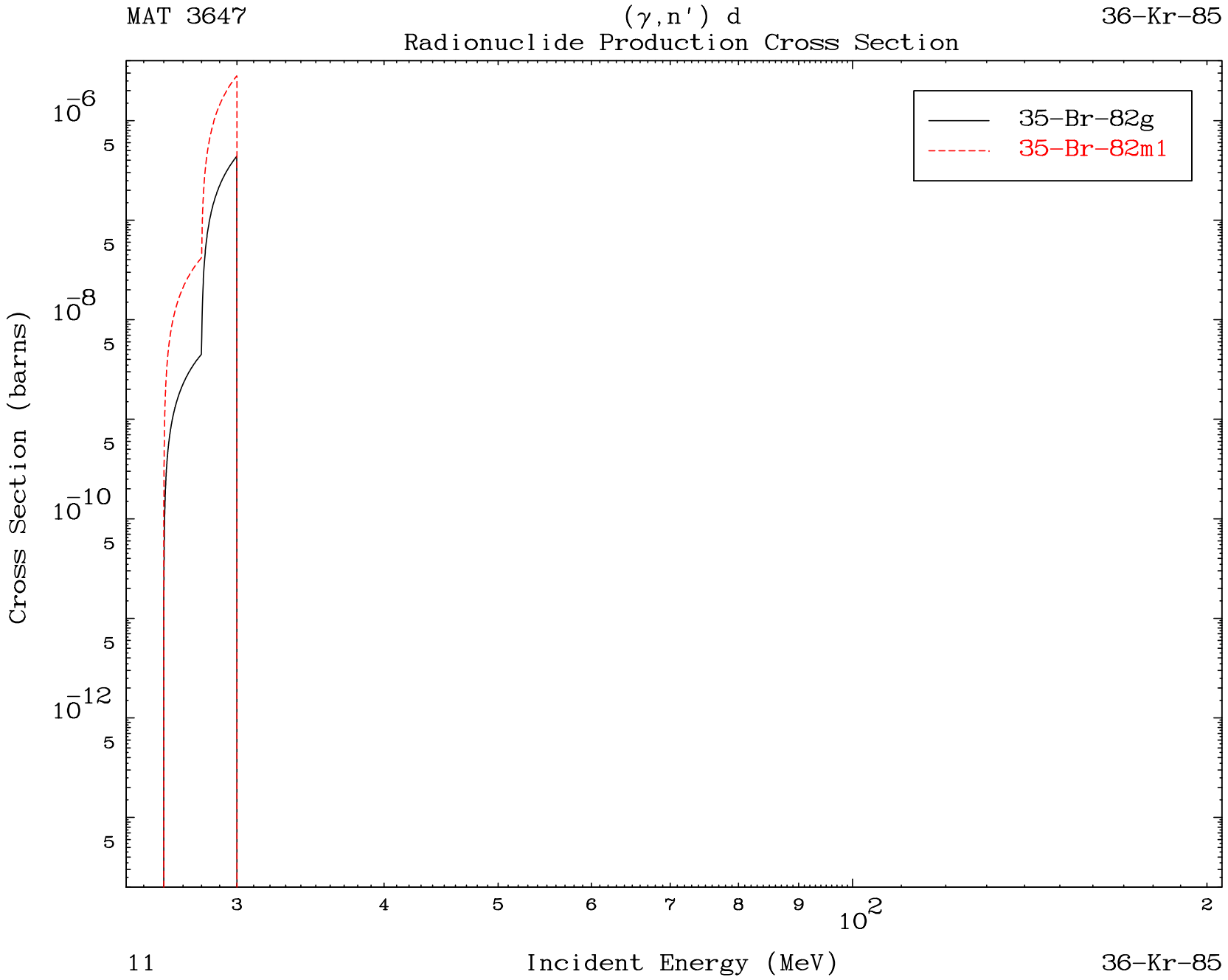

MAT 3647
(γ,d) Levels
36-Kr-85
0 Kelvin Cross Sections
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
(γ,d)
2
3
4
5
6
7
8
9
10^2
2
6
Incident Energy (MeV)
36-Kr-85

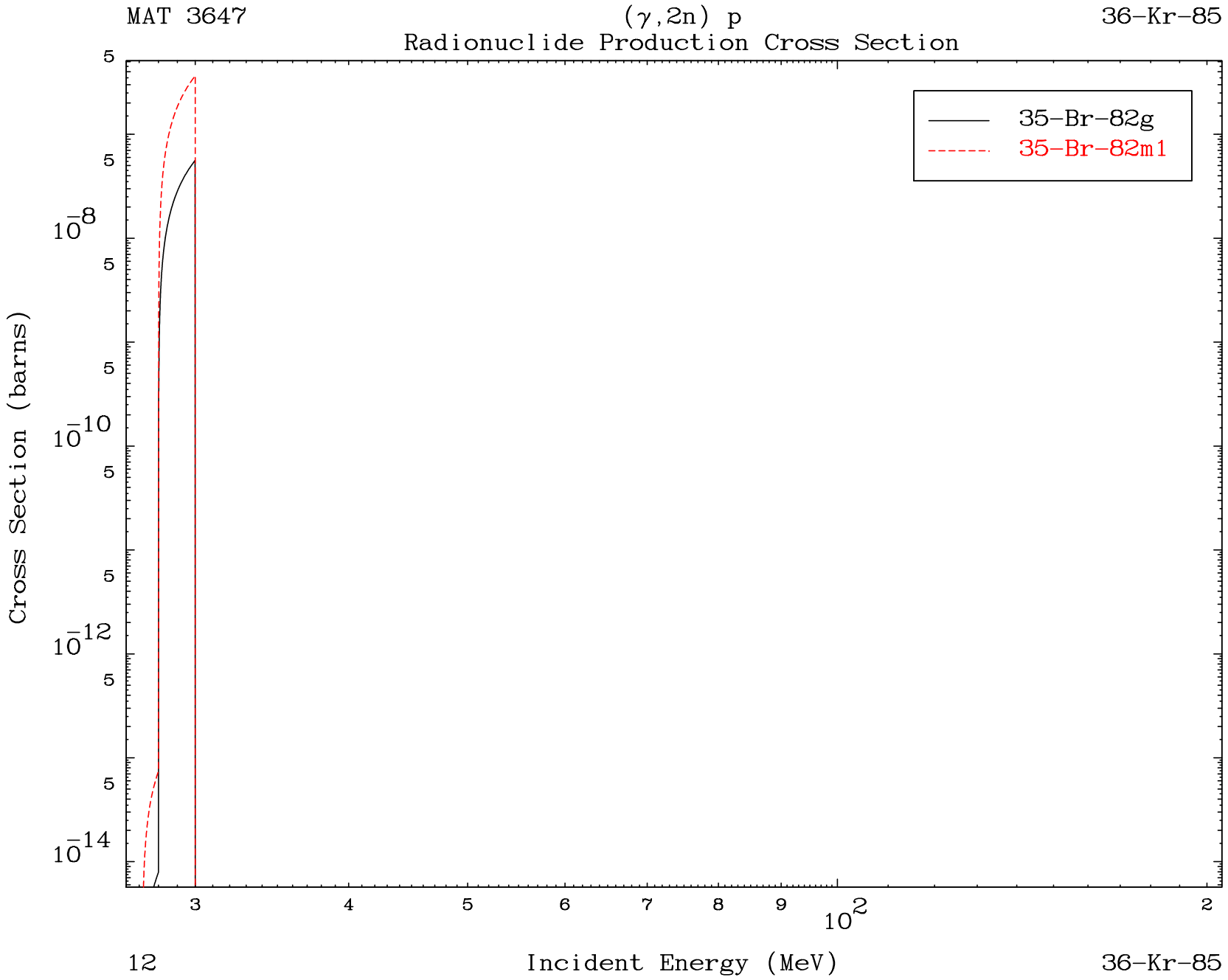

MAT 3647
(γ,t) Levels
36-Kr-85
0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^-14
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
7
36-Kr-85

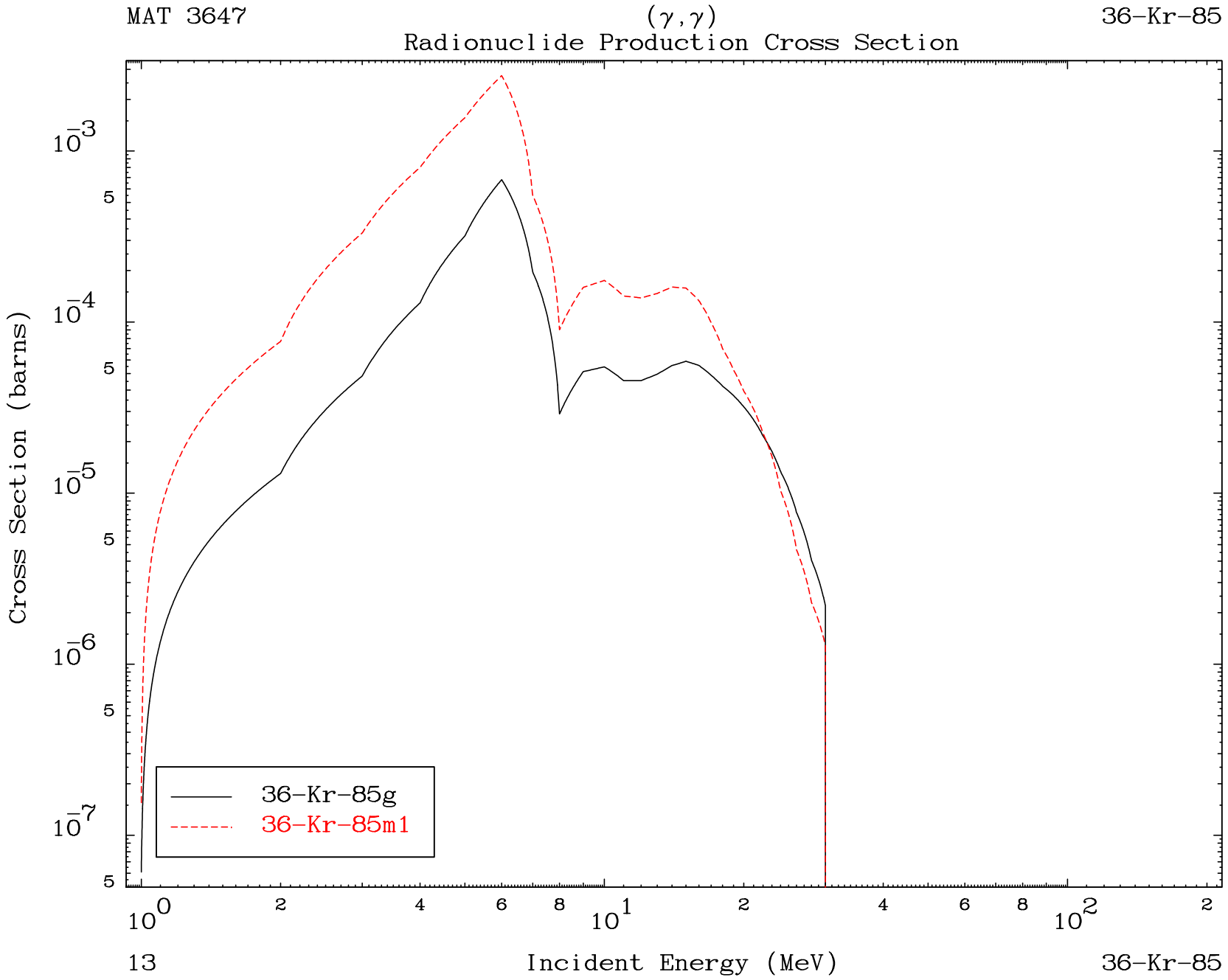

0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
10⁻6
10⁻8
10⁻10
10⁻12
5
9
10¹
2
3
4
5
6
7
8
9
10²
2
Incident Energy (MeV)

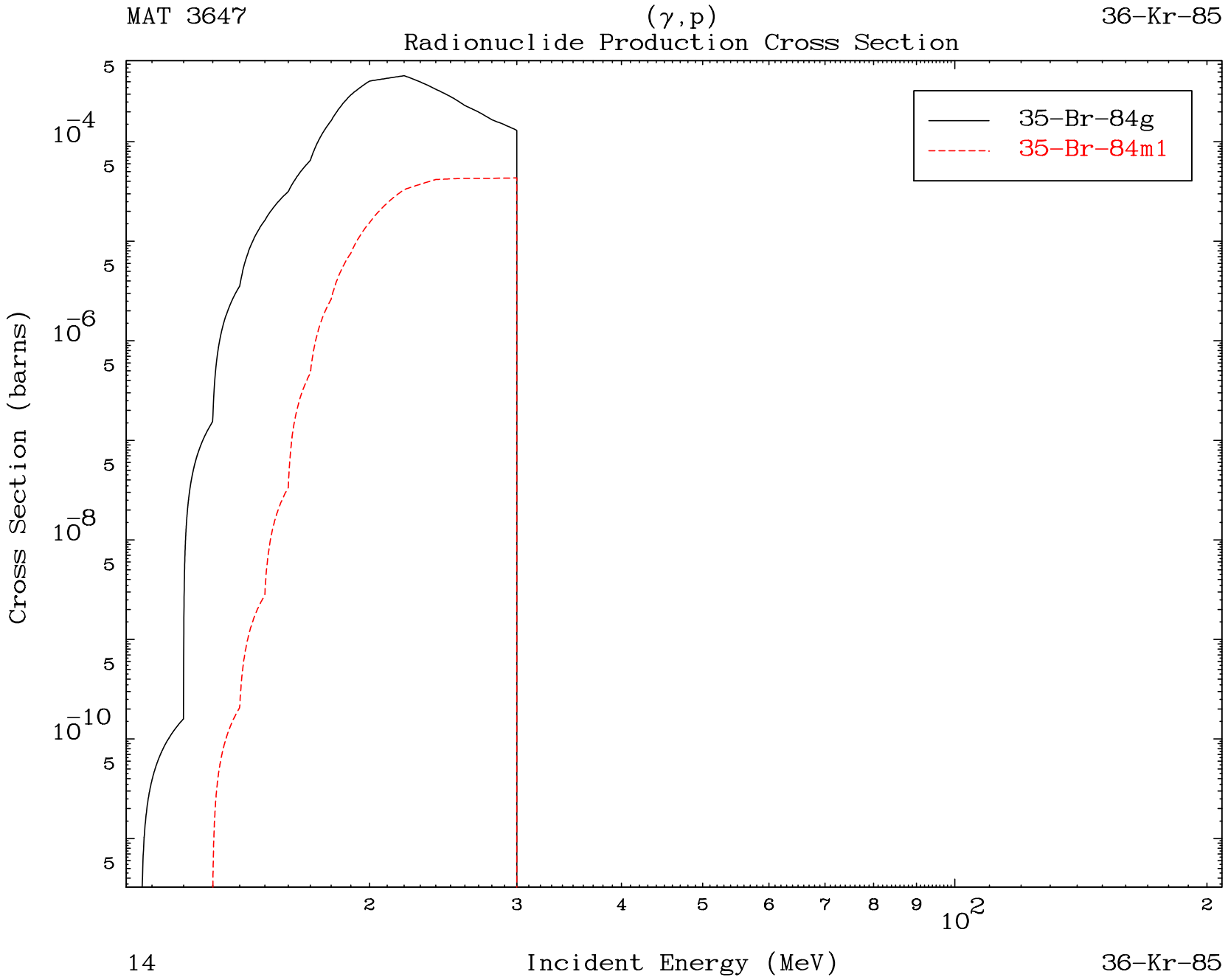

MAT 3647
(γ,2n)
36-Kr-85
Radionuclide Production Cross Section
36-Kr-83g
36-Kr-83m2
Cross Section (barns)
10^-2
2
9
8
7
6
5
4
3
2
3
4
5
6
7
8
9
10^2
2
9
Incident Energy (MeV)
36-Kr-85

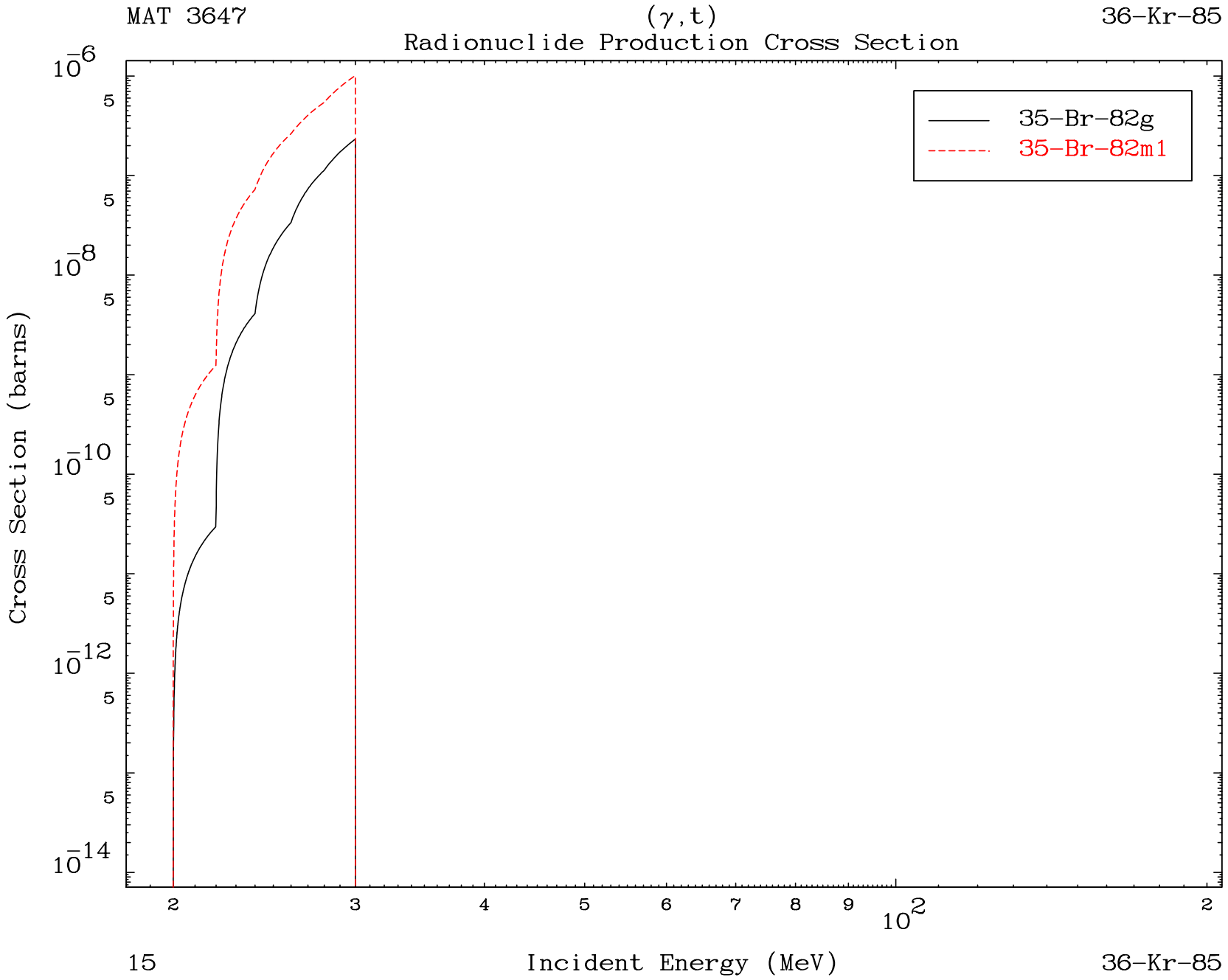

MAT 3647
(γ,2n) α
36-Kr-85
Radionuclide Production Cross Section
34-Se-79g
34-Se-79m1
Cross Section (barns)
Incident Energy (MeV)
10
36-Kr-85

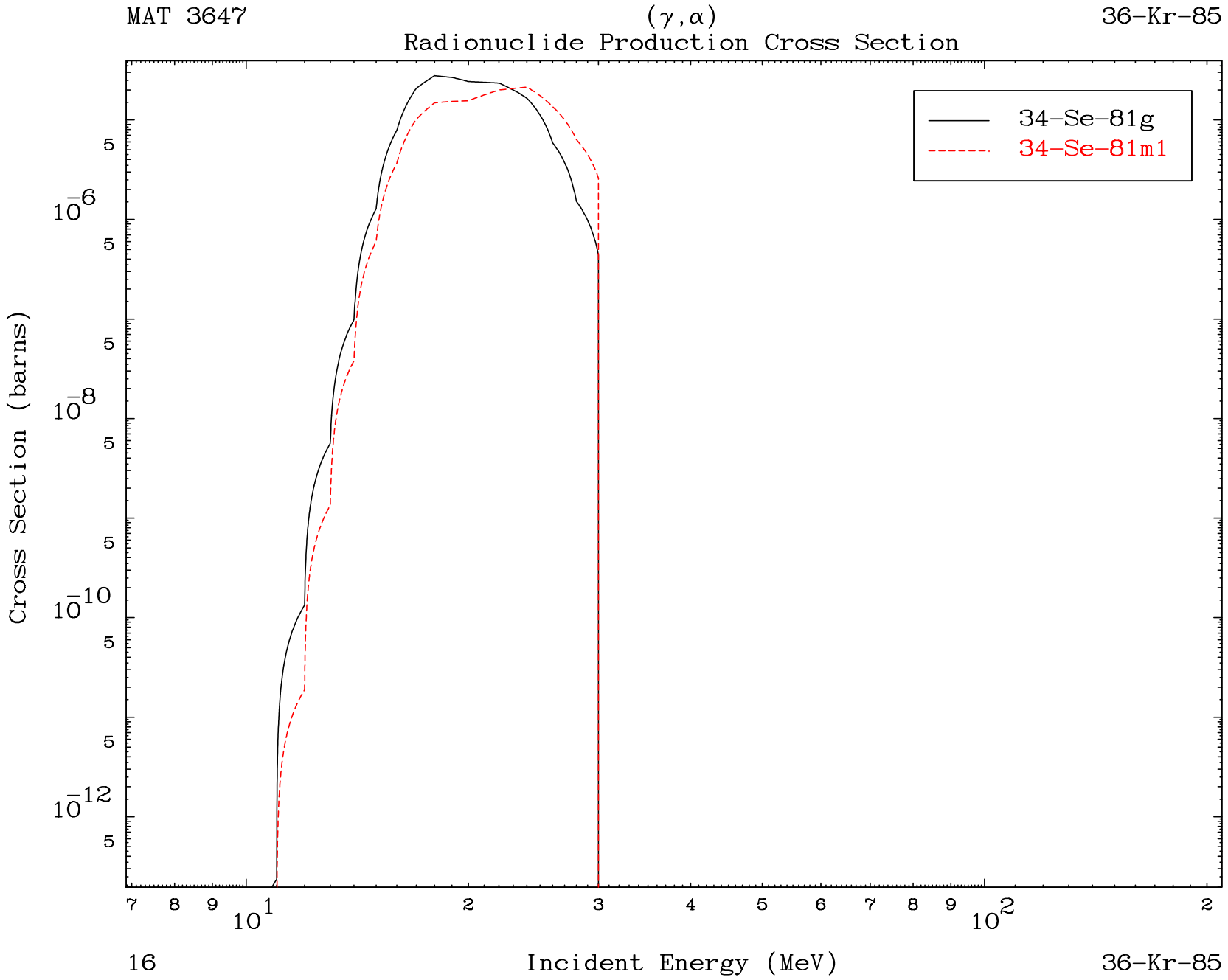

MAT 3647
(γ,n') d
36-Kr-85
Radionuclide Production Cross Section
35-Br-82g
35-Br-82m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
3
4
5
6
7
8
9
10^2
2
11
Incident Energy (MeV)
36-Kr-85

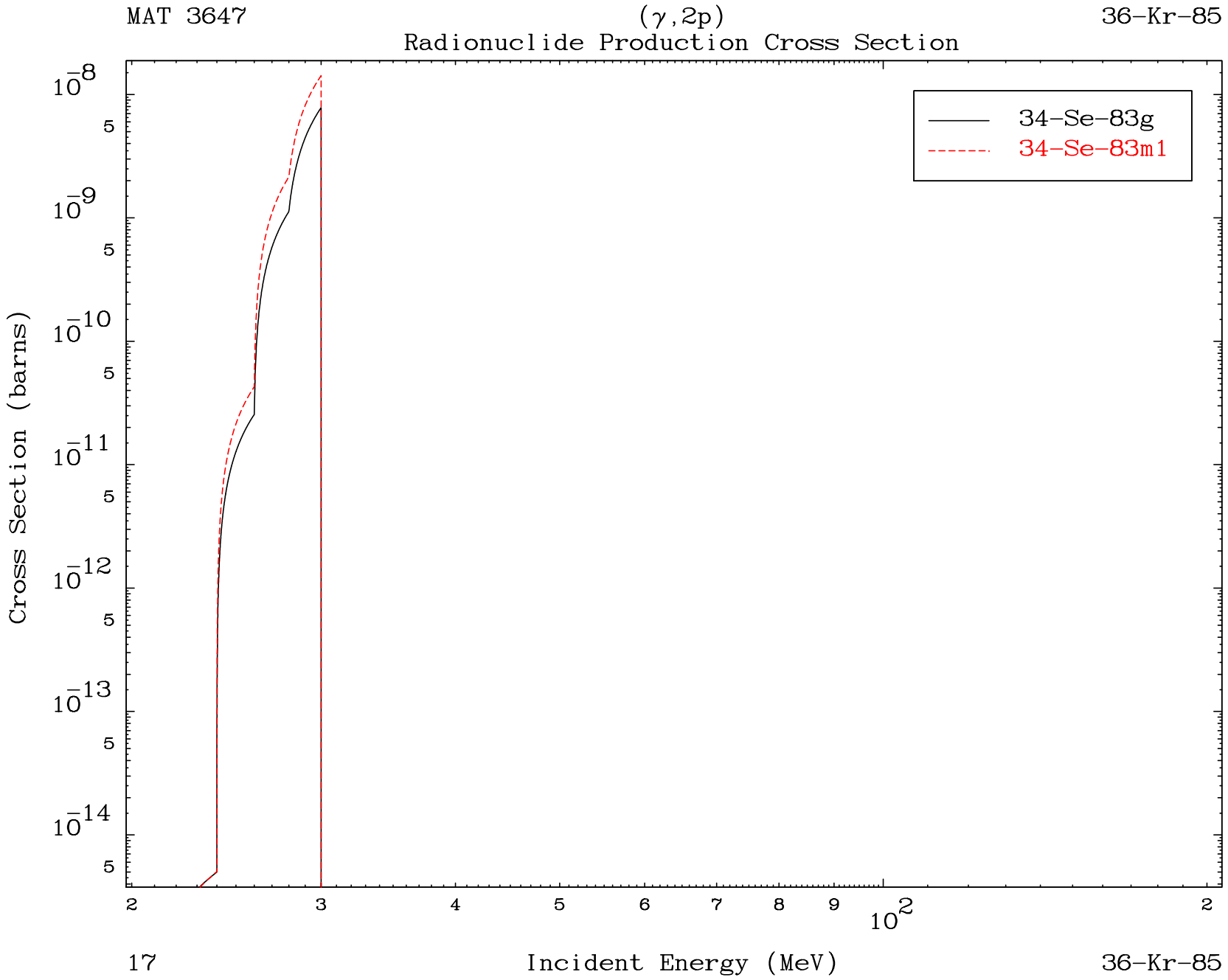

MAT 3647
(γ,2n) p
36-Kr-85
Radionuclide Production Cross Section
35-Br-82g
35-Br-82m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
3
4
5
6
7
8
9
10^2
2
12
Incident Energy (MeV)
36-Kr-85


MAT 3647
(γ,γ)
36-Kr-85
Radionuclide Production Cross Section
Cross Section (barns)
10-3
5
10-4
5
10-5
5
10-6
5
10-7
5
36-Kr-85g
36-Kr-85m1
100
2
4
6
8
101
2
4
6
8
102
2
13
Incident Energy (MeV)
36-Kr-85


MAT 3647
(γ,p)
36-Kr-85
Radionuclide Production Cross Section
35-Br-84g
35-Br-84m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
14
36-Kr-85


MAT 3647
(γ,t)
36-Kr-85
Radionuclide Production Cross Section
35-Br-82g
35-Br-82m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^-14
2
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
36-Kr-85


MAT 3647
(γ,α)
36-Kr-85
Radionuclide Production Cross Section
34-Se-81g
34-Se-81m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
16
Incident Energy (MeV)
36-Kr-85


MAT 3647
(γ,2p)
36-Kr-85
Radionuclide Production Cross Section
34-Se-83g
34-Se-83m1
Cross Section (barns)
Incident Energy (MeV)
17
36-Kr-85