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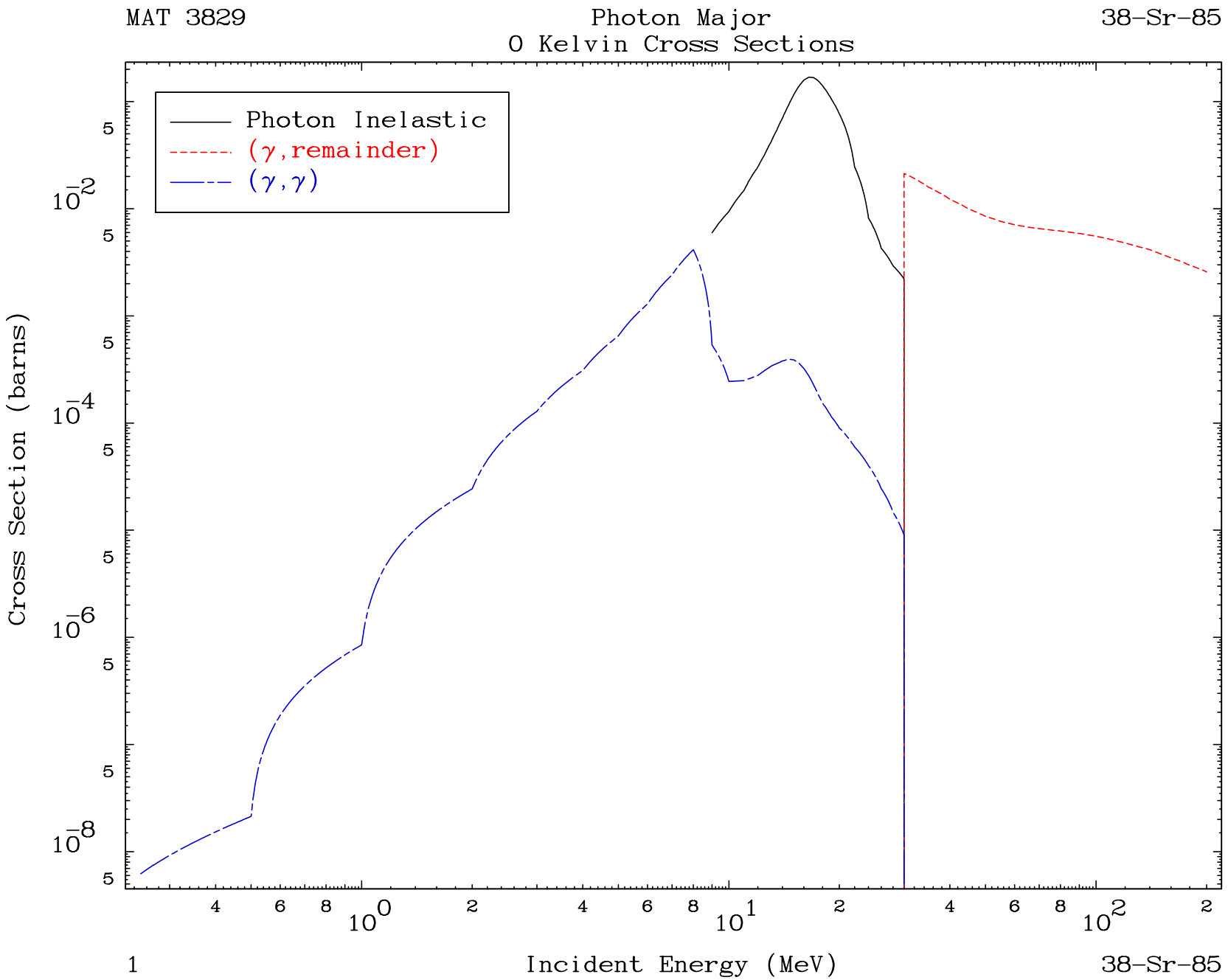
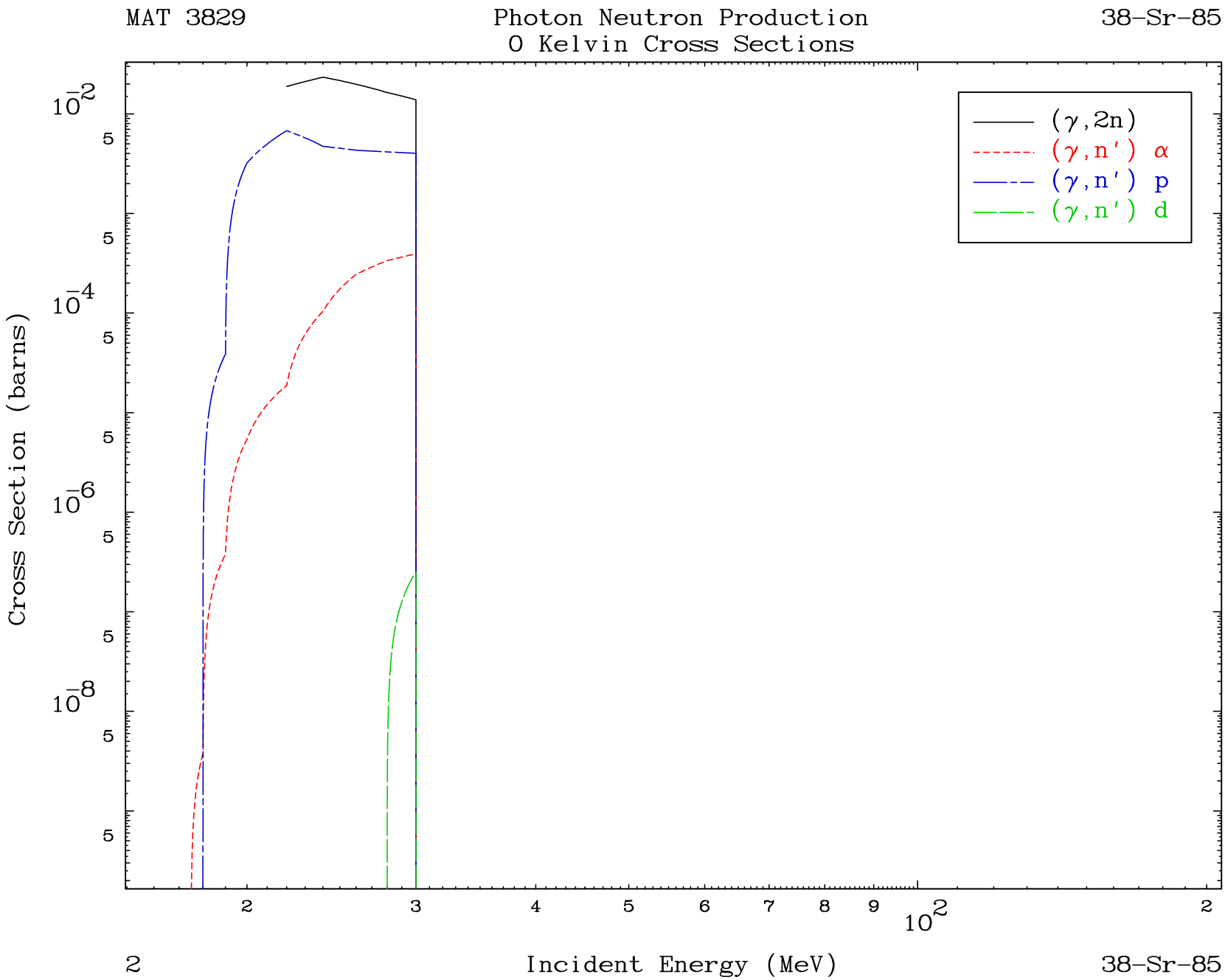
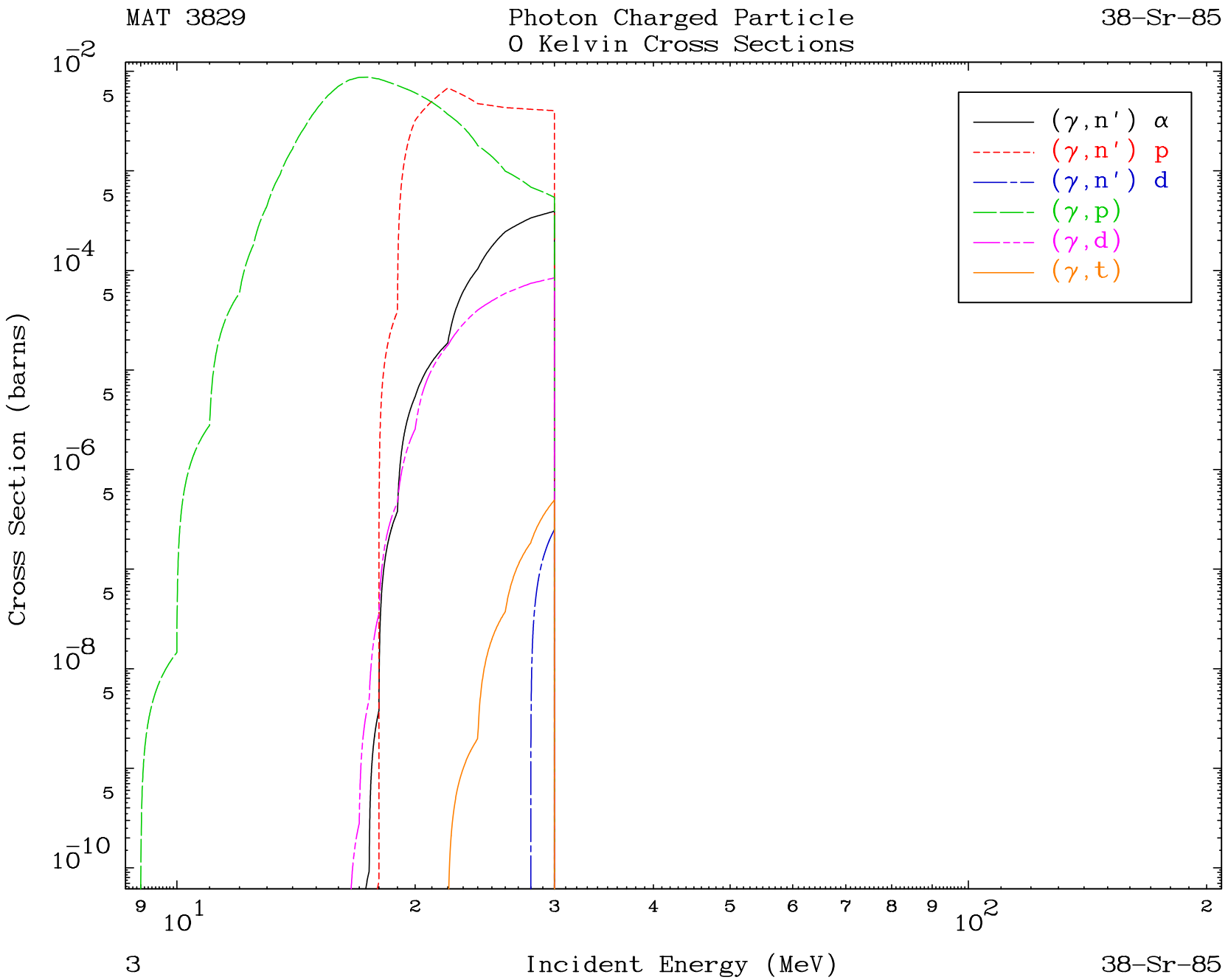
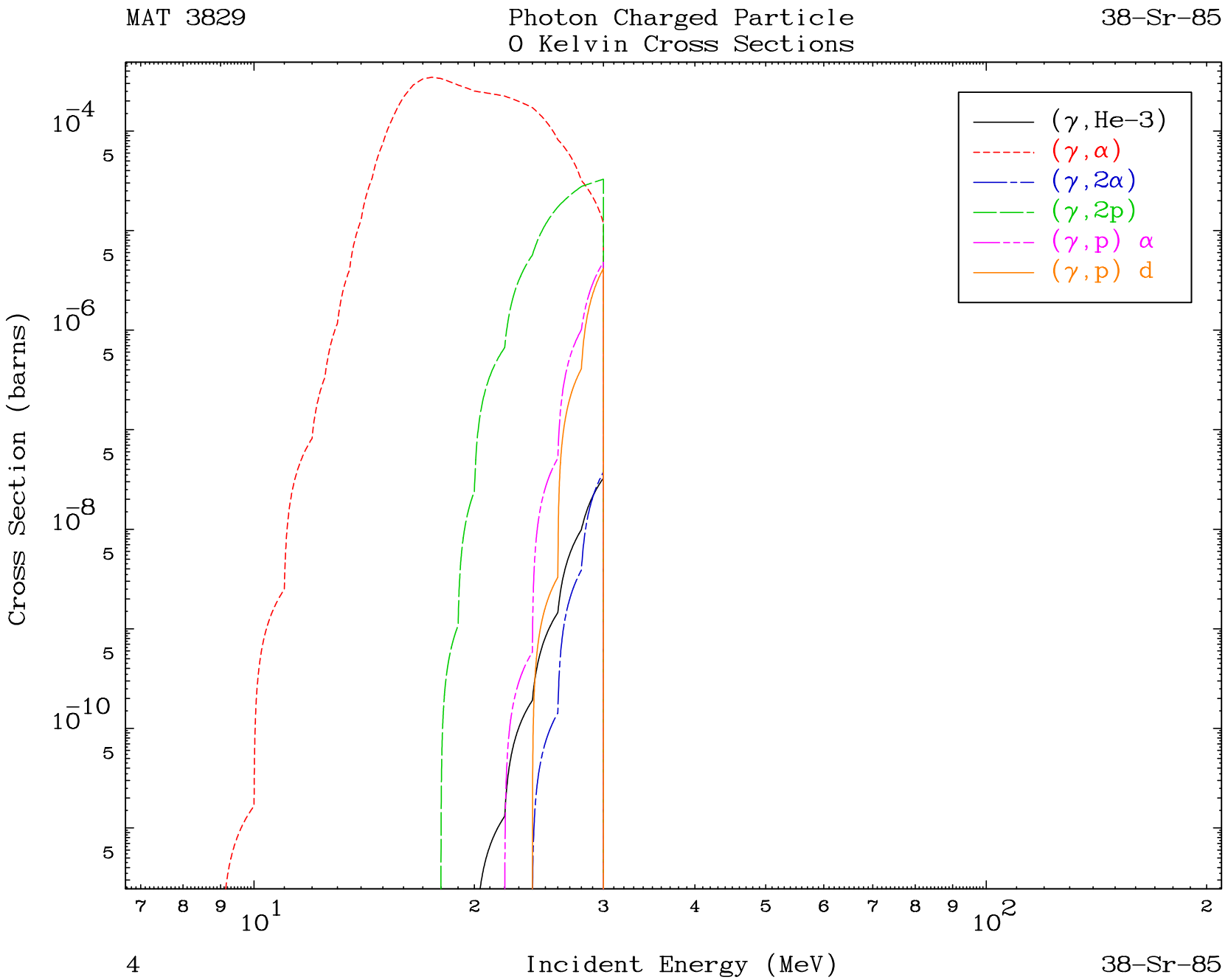
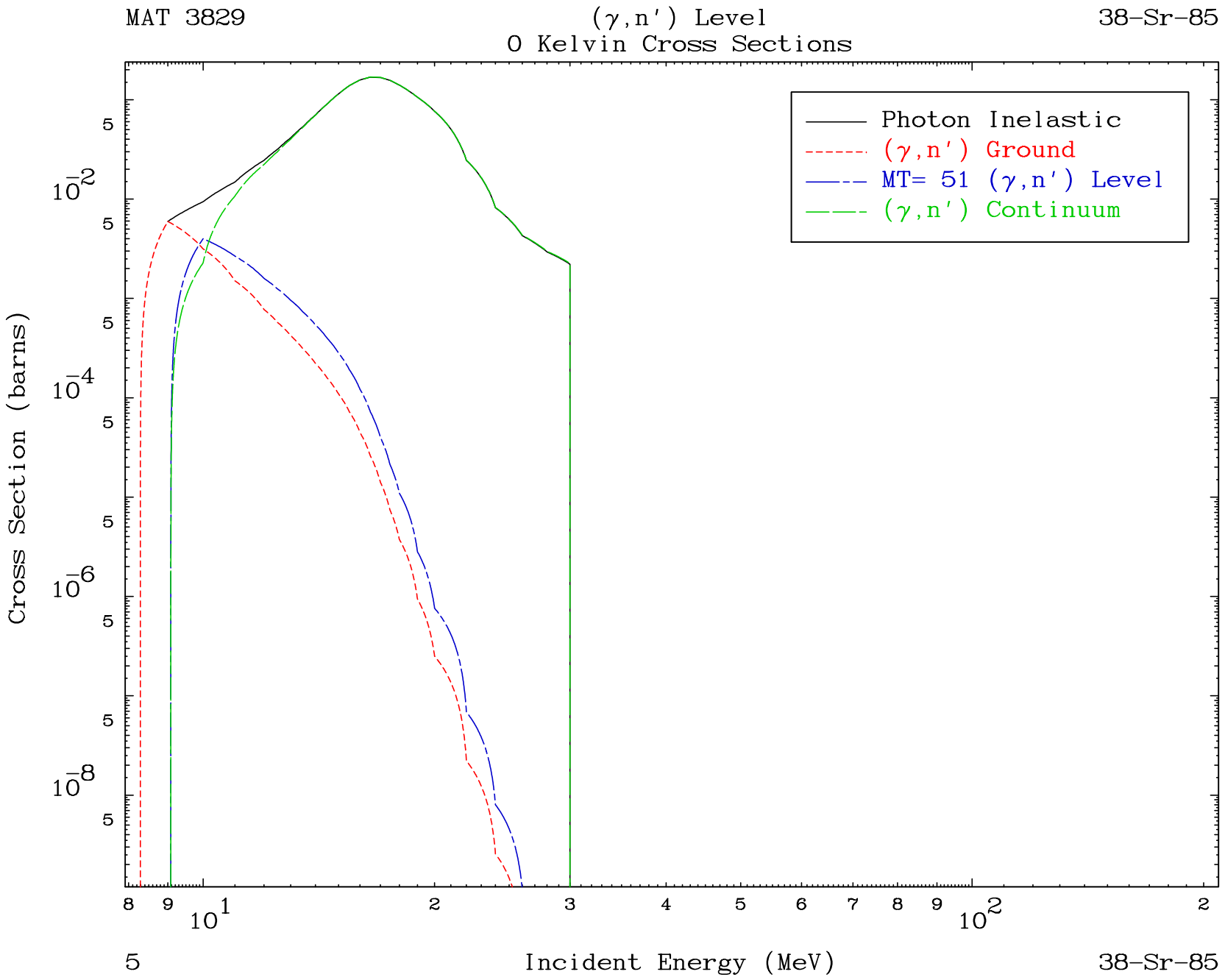
Press Mouse Button to Start

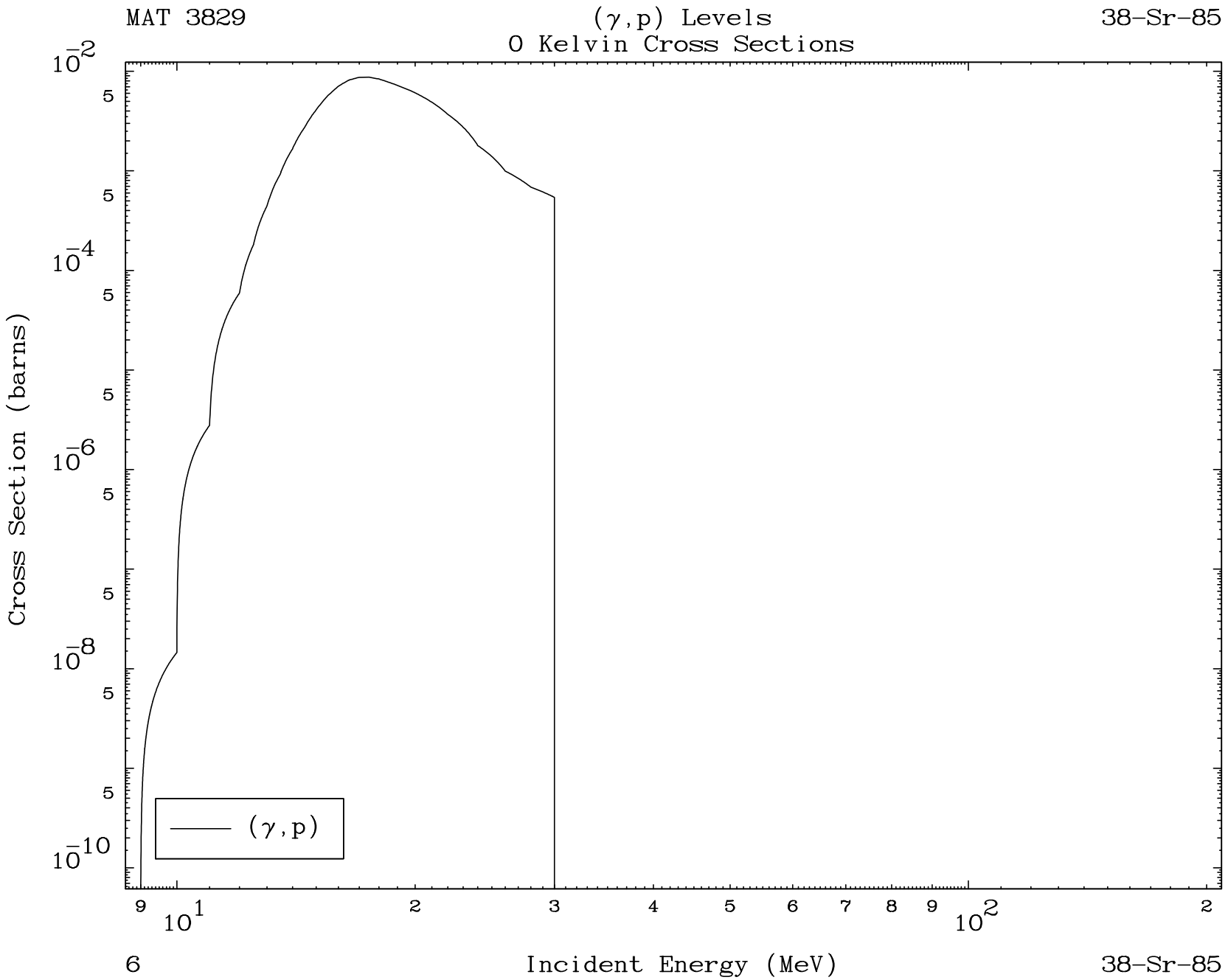

MAT 3829
Photon Major
38-Sr-85
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
1
38-Sr-85

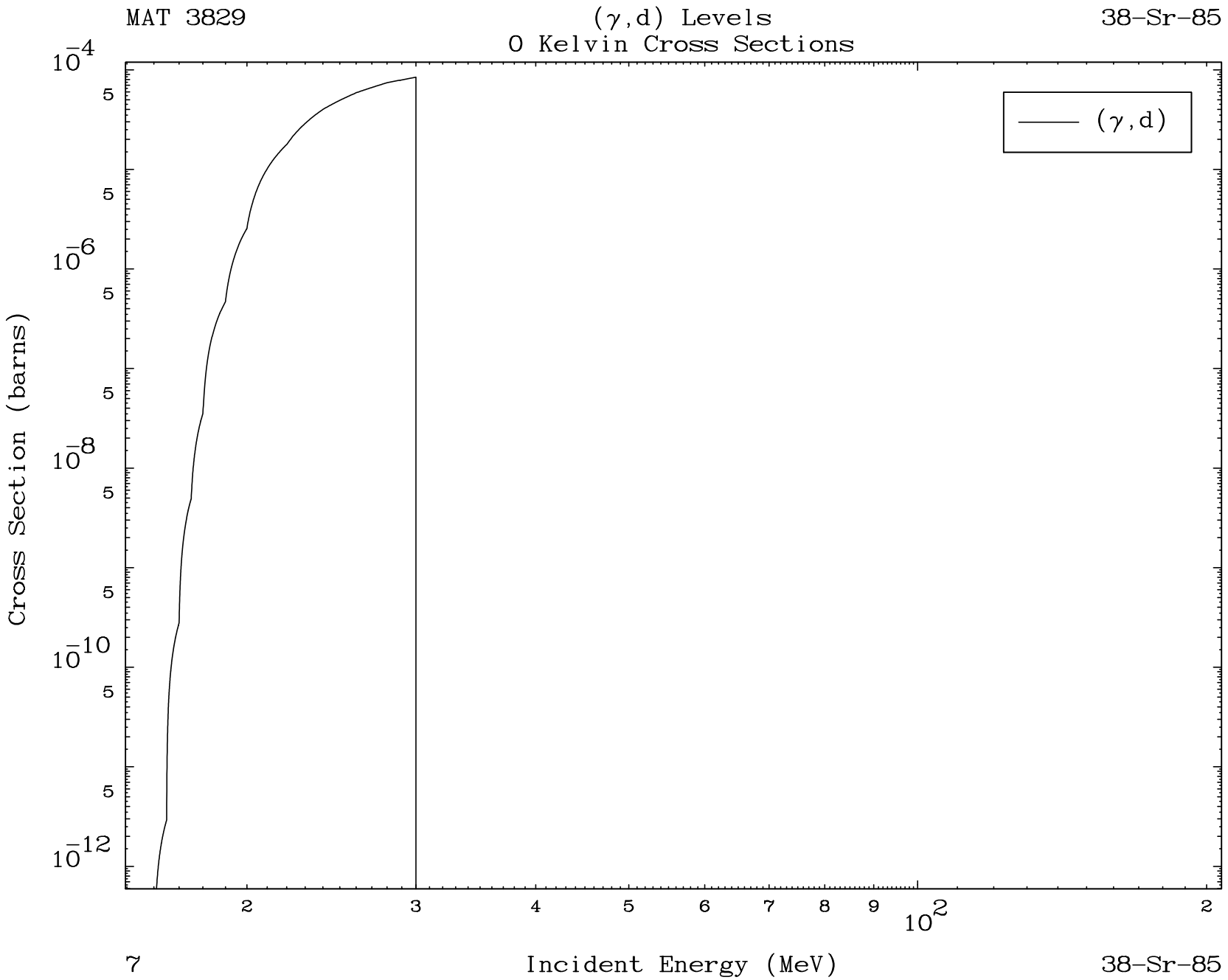

MAT 3829
Photon Neutron Production
0 Kelvin Cross Sections
38-Sr-85
Cross Section (barns)
10-2
10-4
10-6
10-8
(γ,2n)
(γ,n') α
(γ,n') p
(γ,n') d
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
38-Sr-85

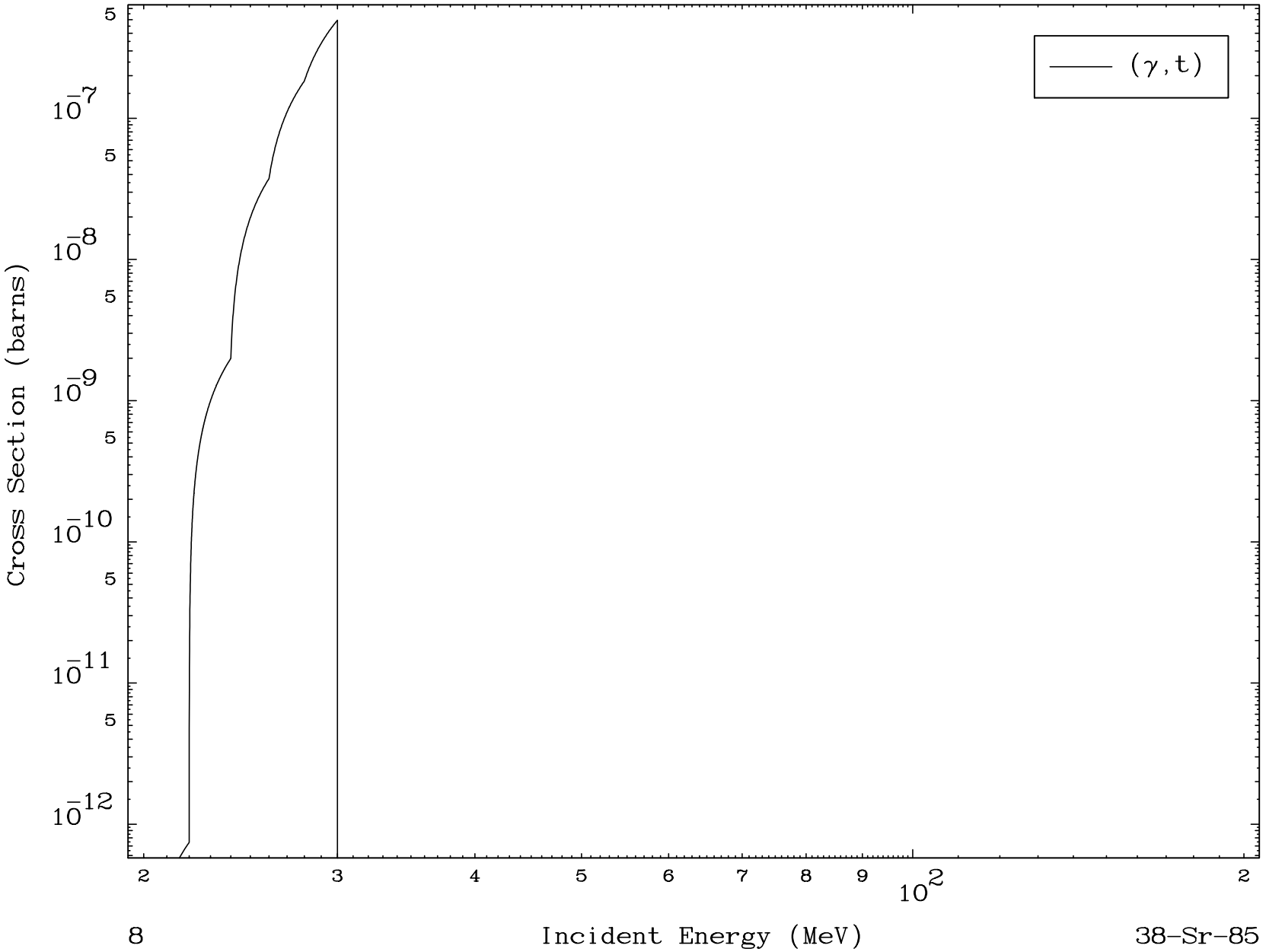

MAT 3829
Photon Charged Particle
0 Kelvin Cross Sections
38-Sr-85
Cross Section (barns)
Incident Energy (MeV)
(γ,n') α
(γ,n') p
(γ,n') d
(γ,p)
(γ,d)
(γ,t)
3
38-Sr-85

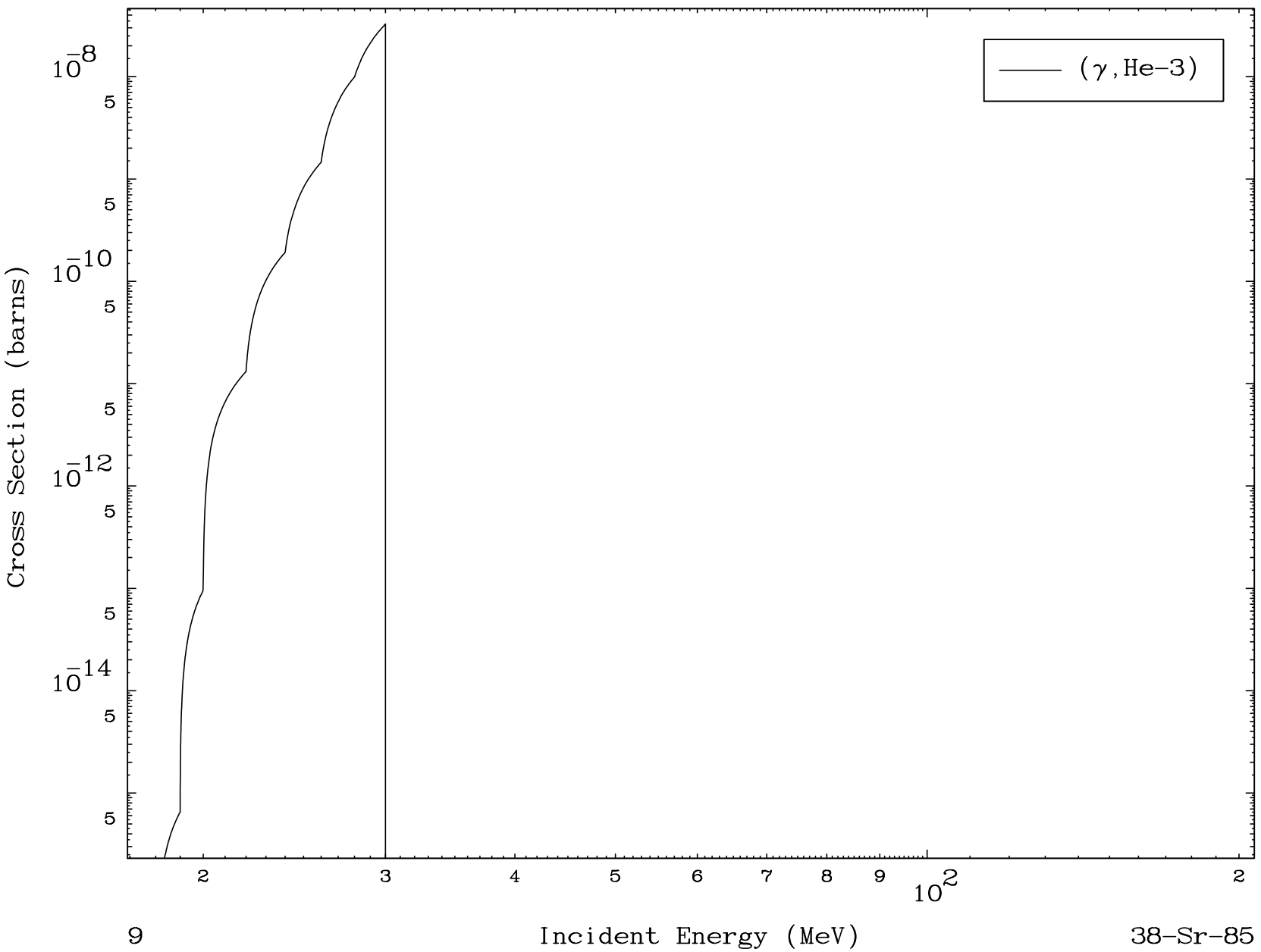

MAT 3829
Photon Charged Particle
0 Kelvin Cross Sections
38-Sr-85
(γ,He-3)
(γ,α)
(γ,2α)
(γ,2p)
(γ,p) α
(γ,p) d
Cross Section (barns)
Incident Energy (MeV)
4
38-Sr-85

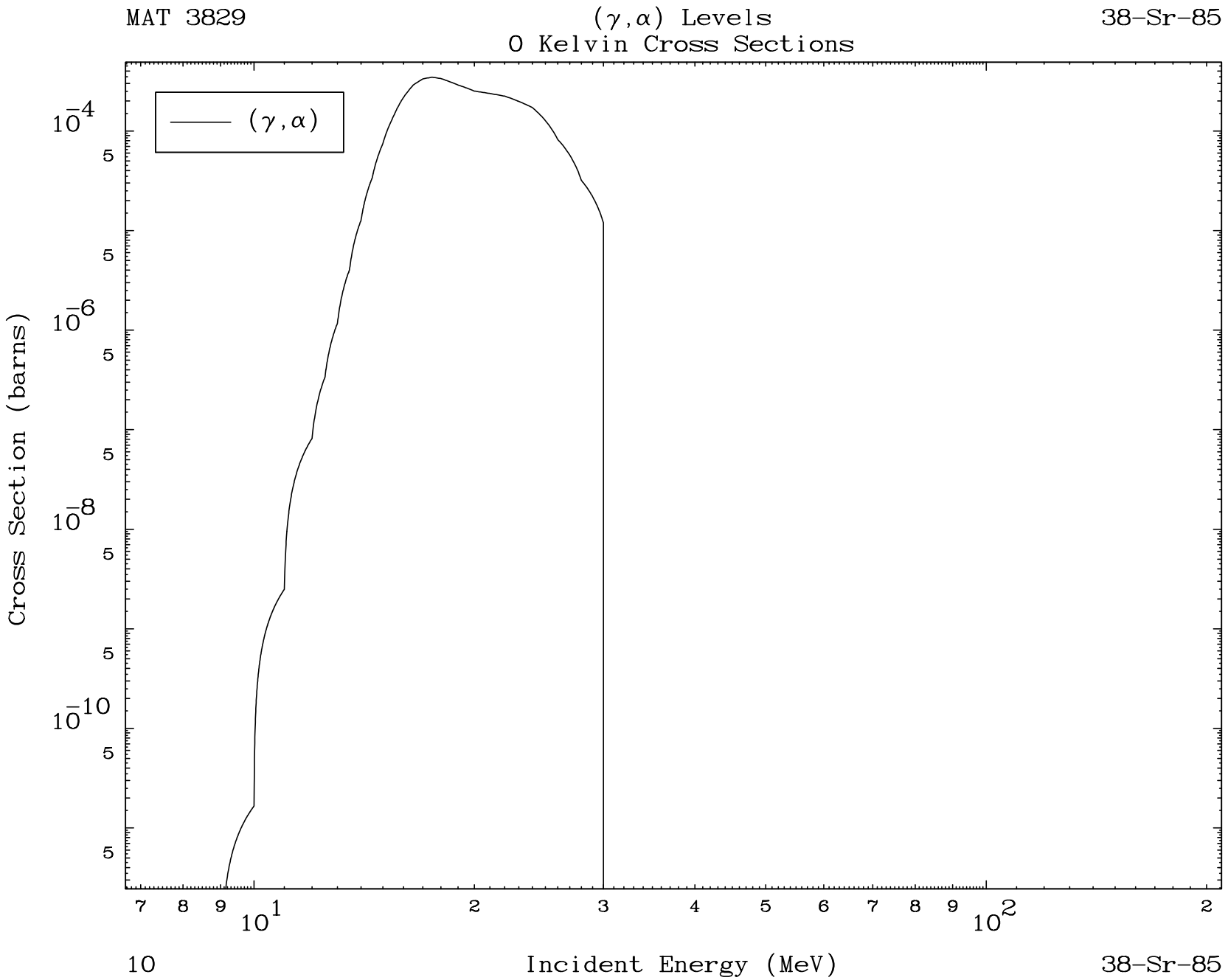

MAT 3829
(γ,n') Level
38-Sr-85
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
38-Sr-85

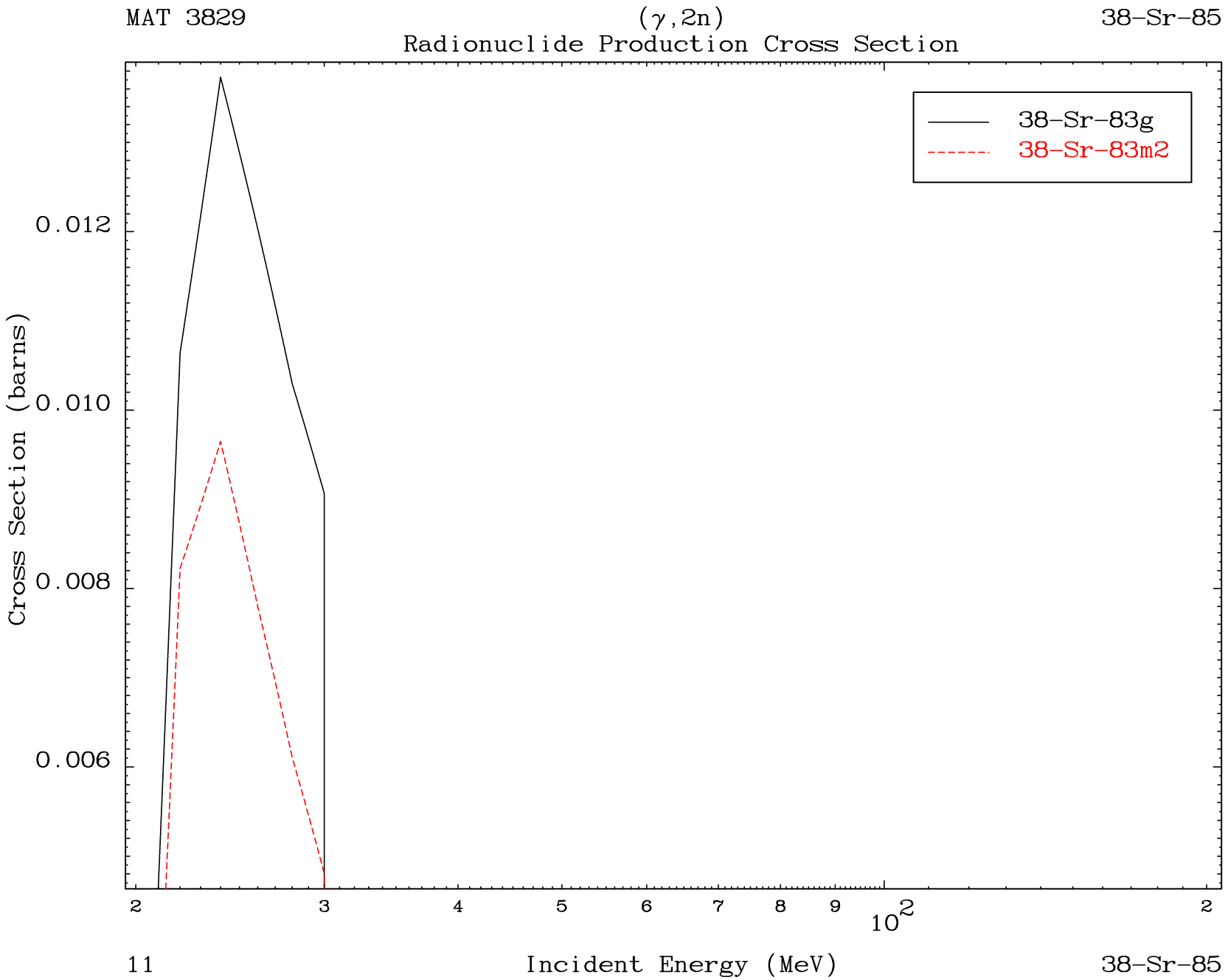

MAT 3829
(γ,p) Levels
38-Sr-85
0 Kelvin Cross Sections
Cross Section (barns)
10-2
10-4
10-6
10-8
10-10
(γ,p)
9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
6
38-Sr-85

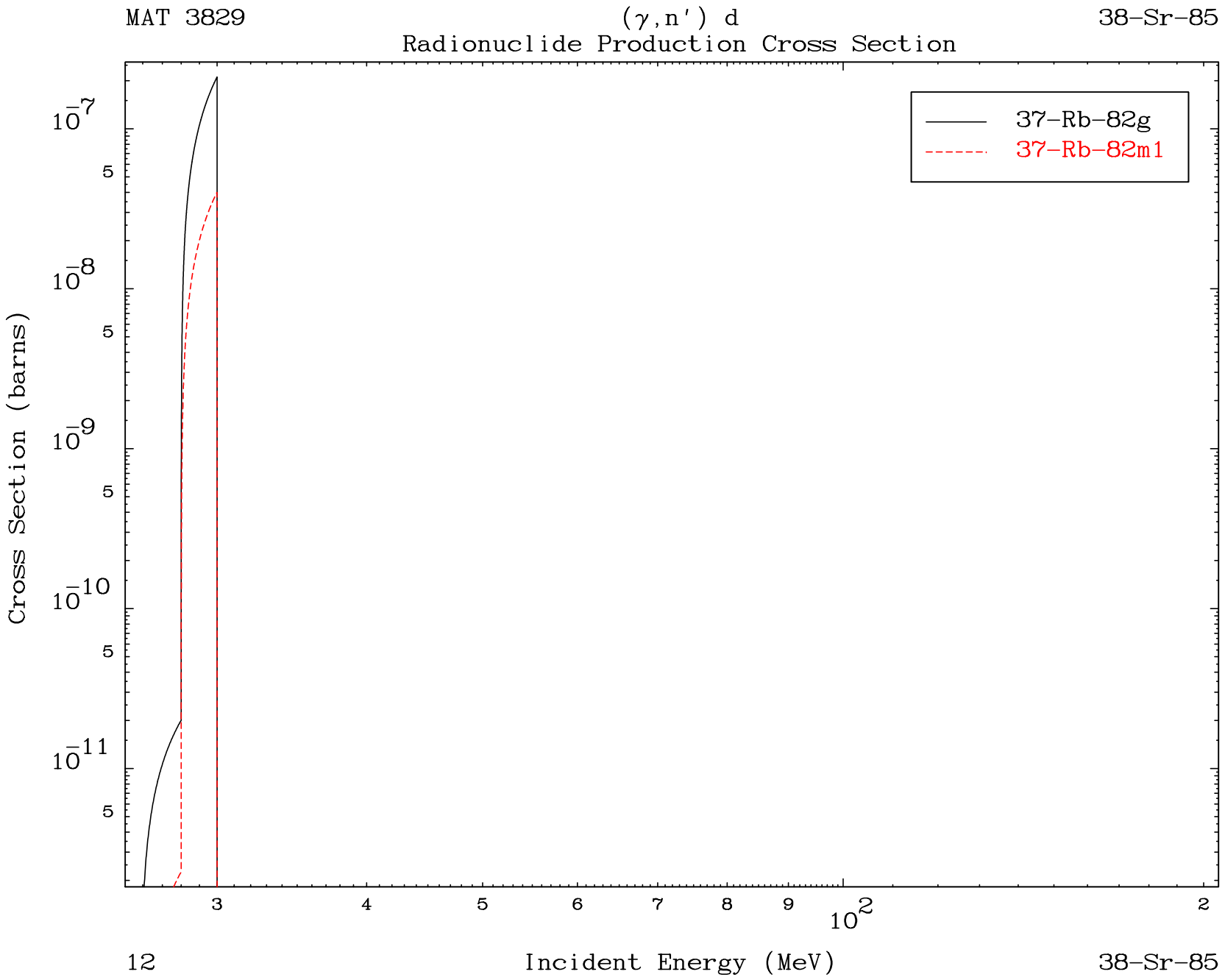

MAT 3829
(γ,d) Levels
38-Sr-85
0 Kelvin Cross Sections
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
(γ,d)
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
7
38-Sr-85

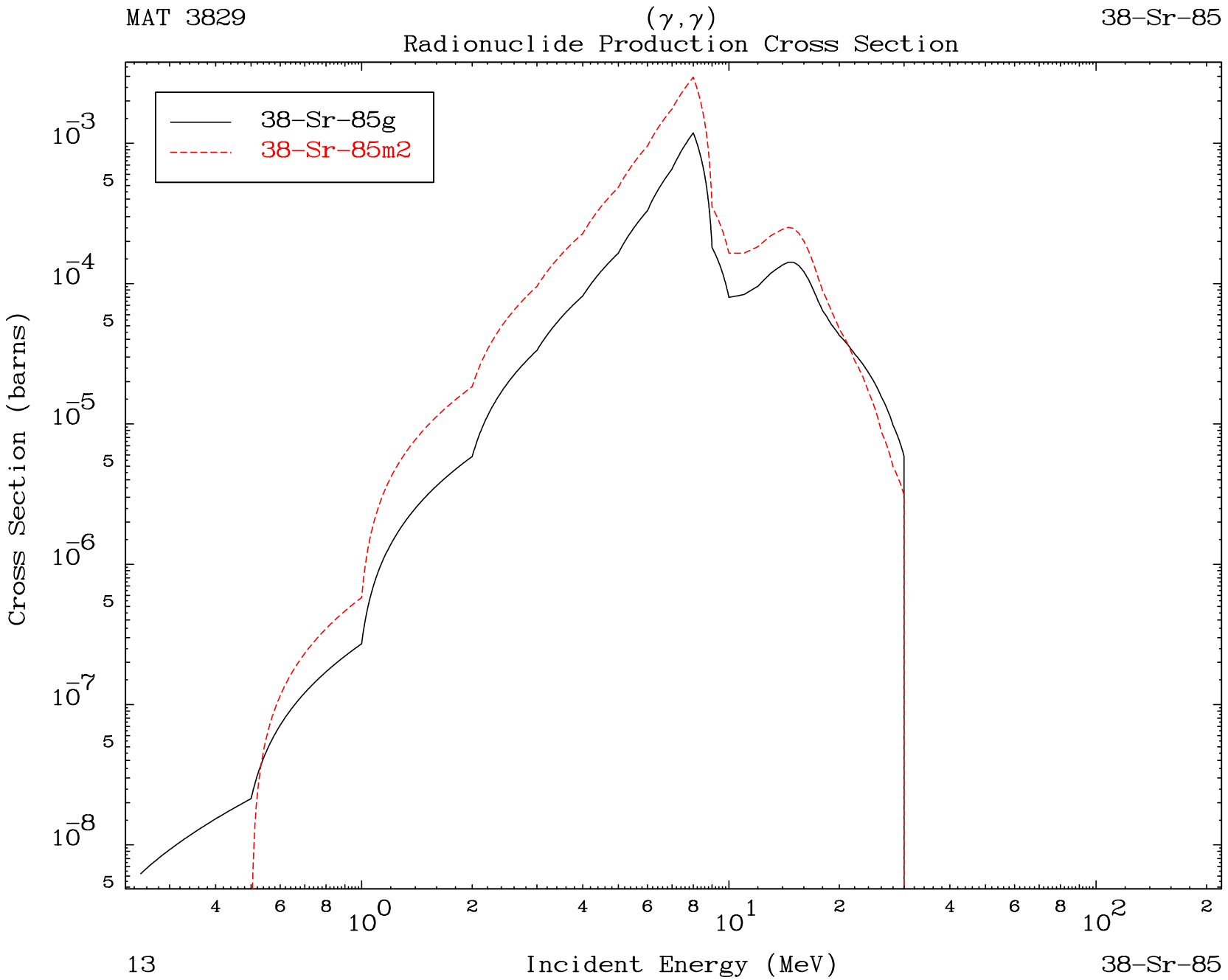

0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10-7
10-8
10-9
10-10
10-11
10-12
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)

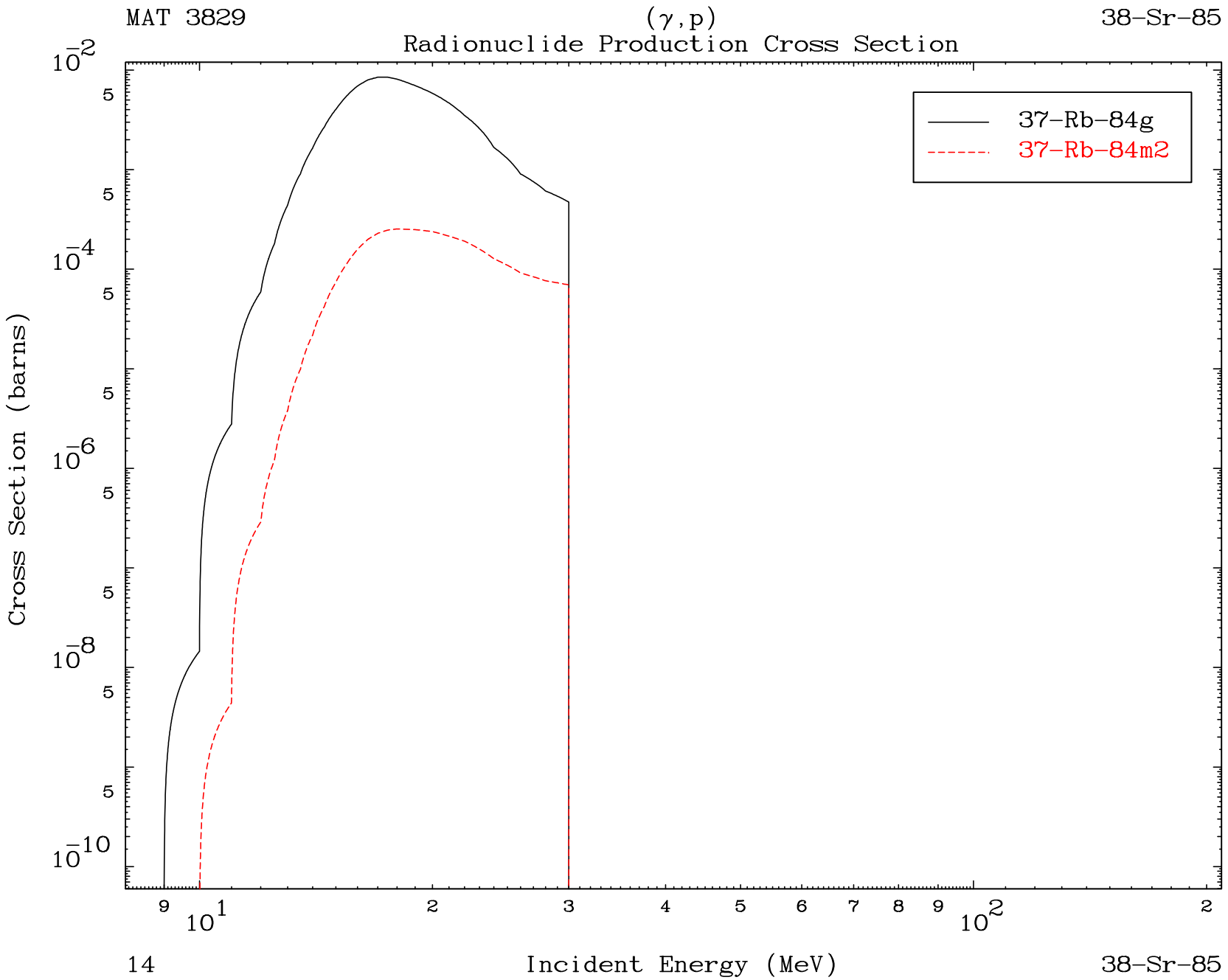

0 Kelvin Cross Sections
(γ,He-3)
Cross Section (barns)
10-8
5
10-10
5
10-12
5
10-14
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)

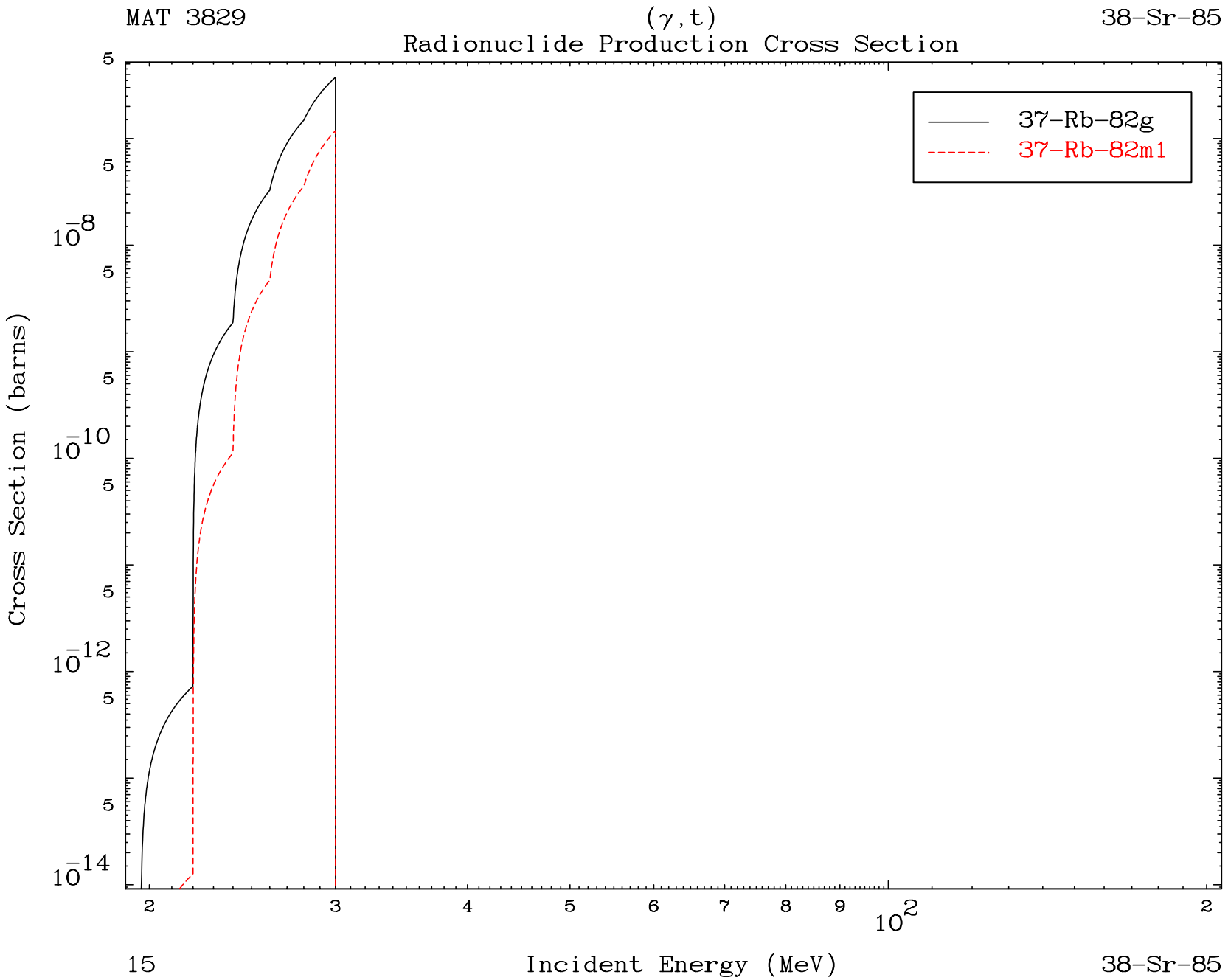

MAT 3829
(γ,α) Levels
38-Sr-85
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
38-Sr-85

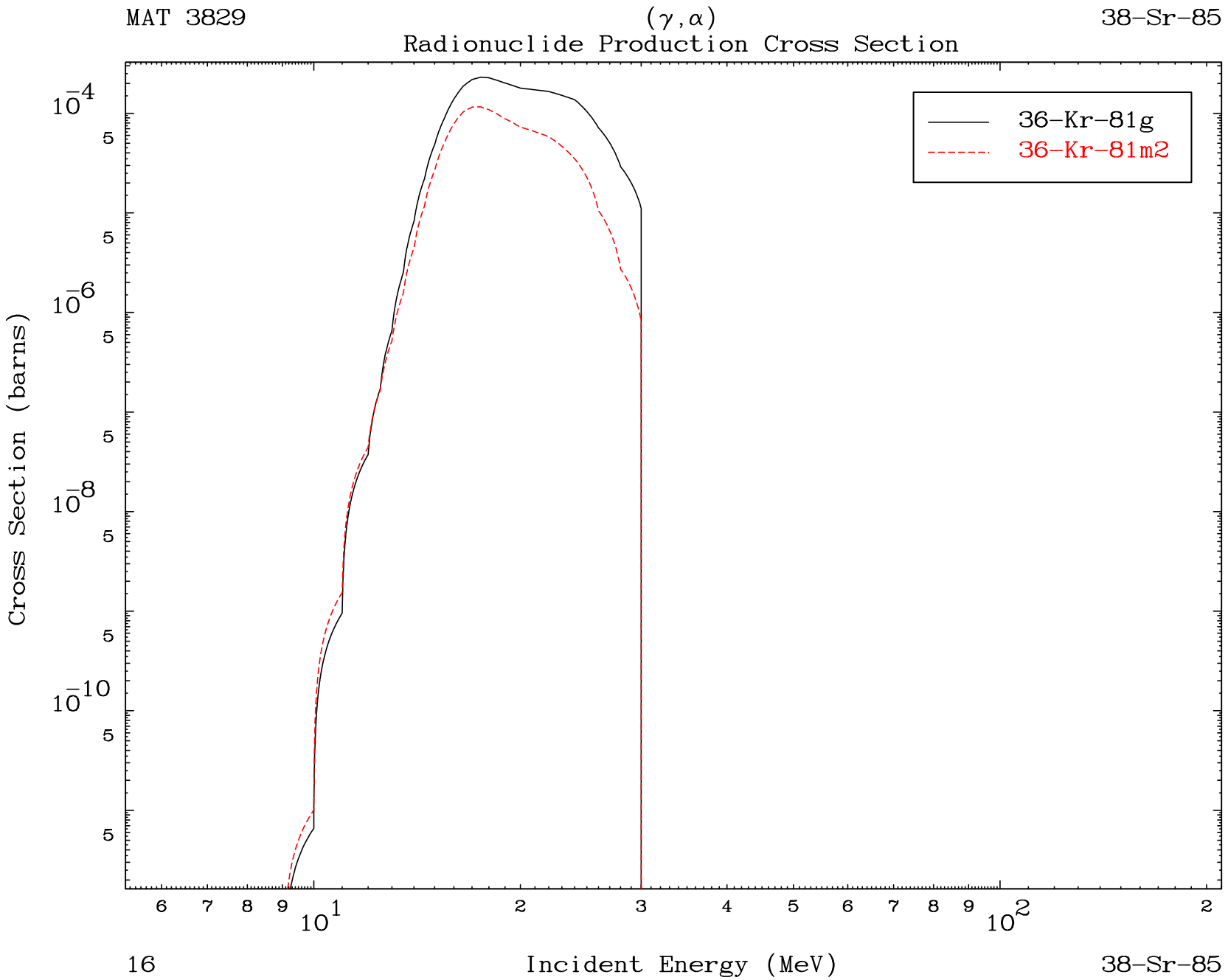

MAT 3829
(γ,2n)
38-Sr-85
Radionuclide Production Cross Section
38-Sr-83g
38-Sr-83m2
0.012
0.010
0.008
0.006
Cross Section (barns)
2
3
4
5
6
7
8
9
10^2
2
11
Incident Energy (MeV)
38-Sr-85

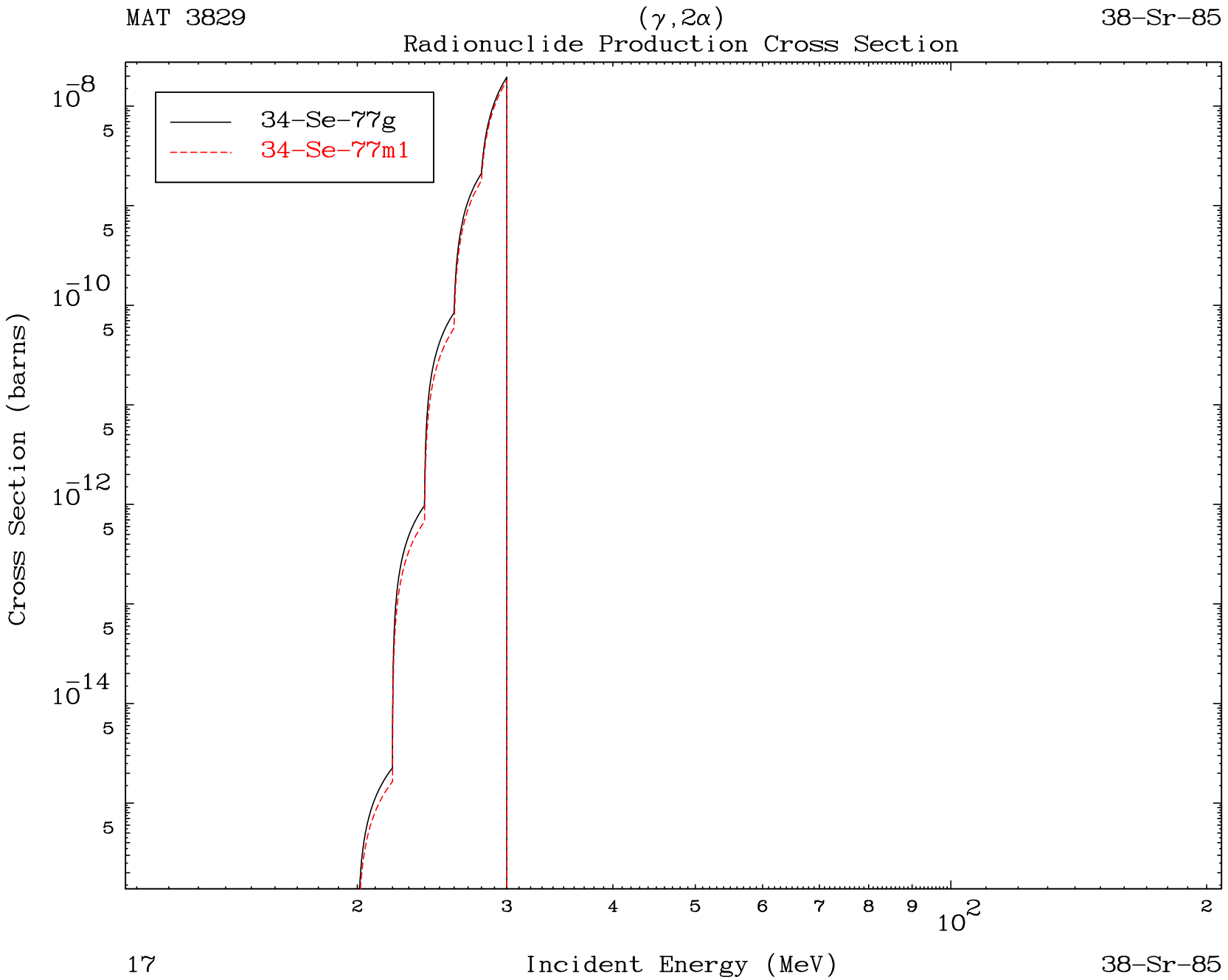

MAT 3829
(γ,n') d
38-Sr-85
Radionuclide Production Cross Section
37-Rb-82g
37-Rb-82m1
Cross Section (barns)
10-7
10-8
10-9
10-10
10-11
5
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
38-Sr-85

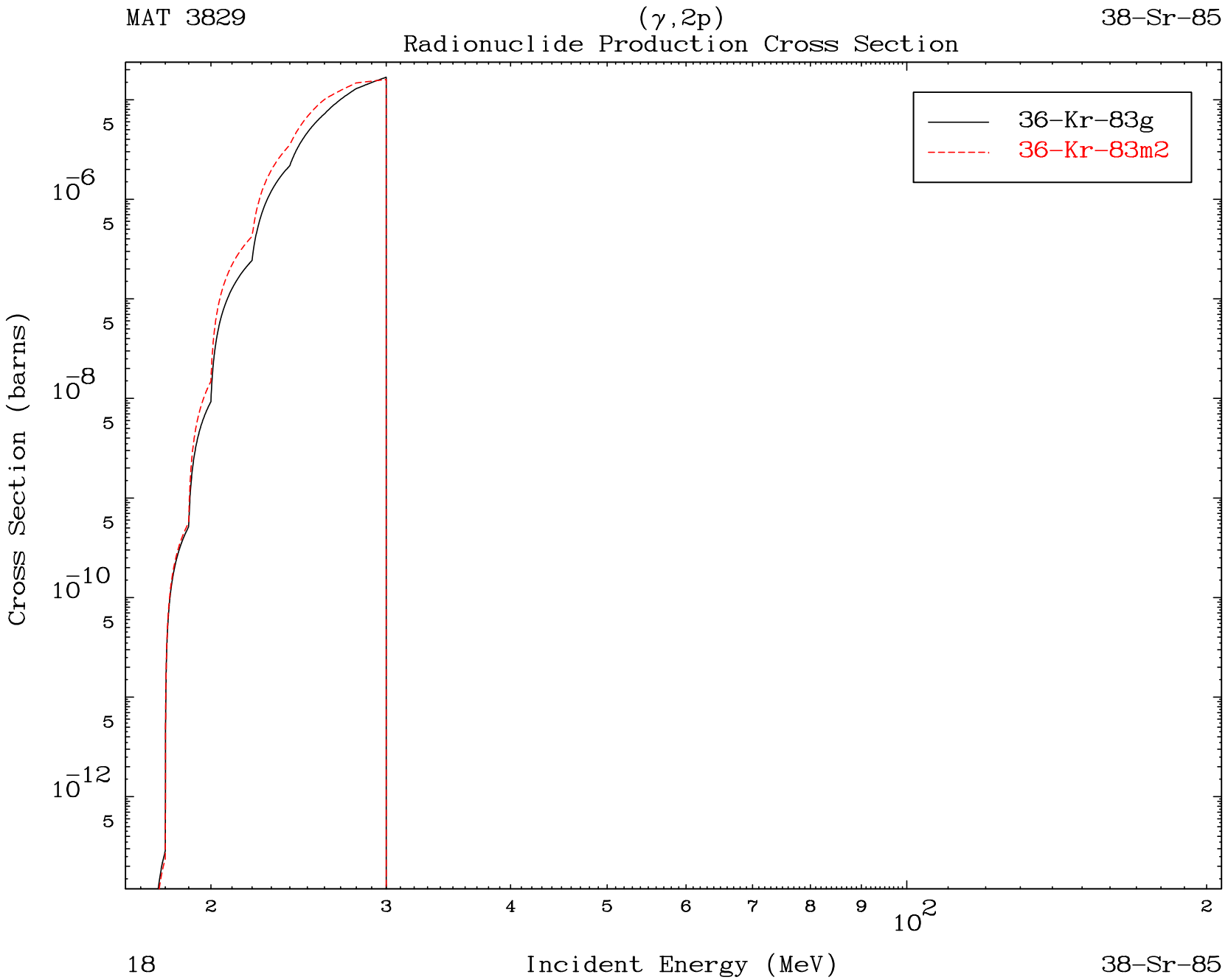

MAT 3829
(γ,γ)
38-Sr-85
Radionuclide Production Cross Section
38-Sr-85g
38-Sr-85m2
Cross Section (barns)
Incident Energy (MeV)
13
38-Sr-85

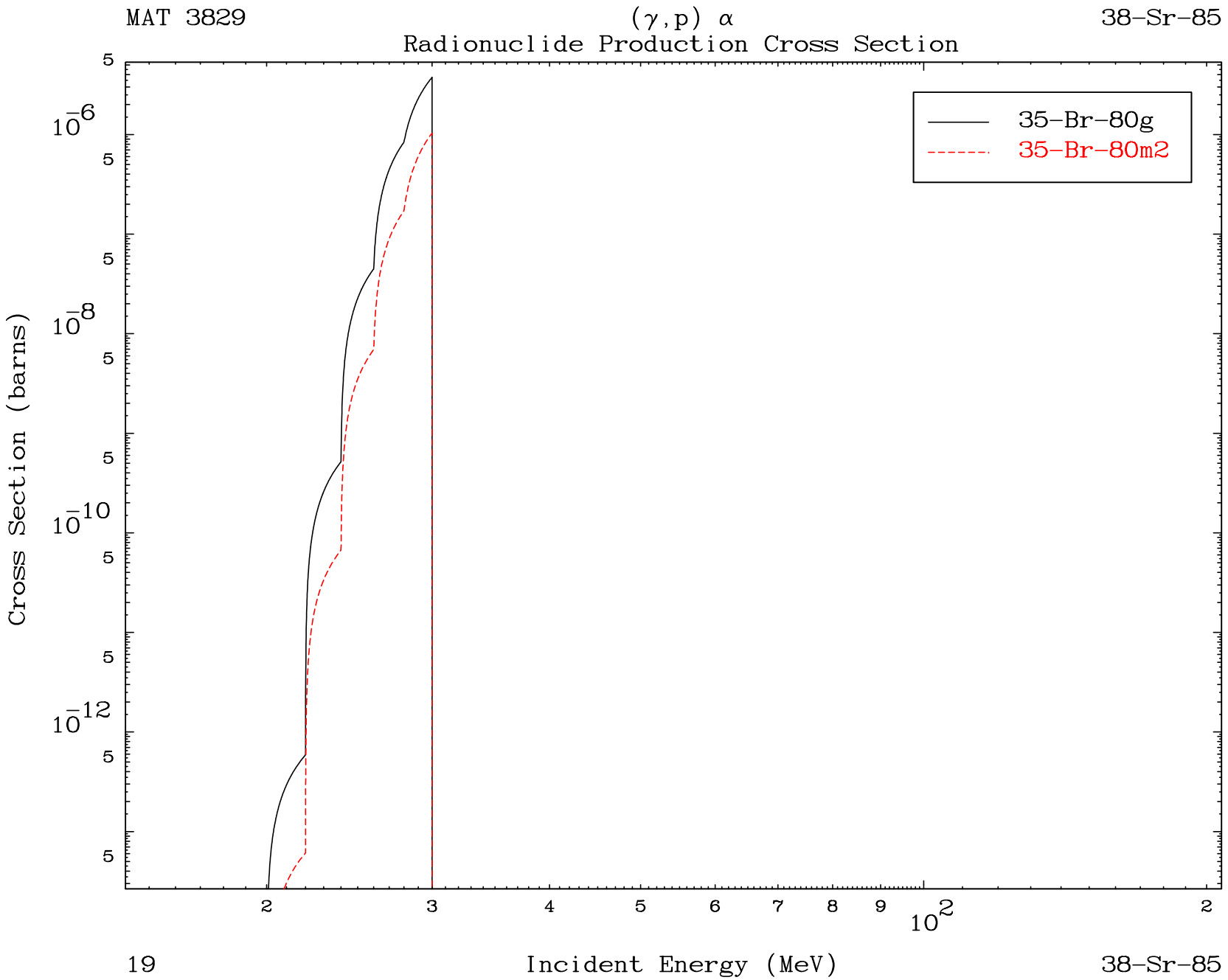

MAT 3829
(γ,p)
38-Sr-85
Radionuclide Production Cross Section
37-Rb-84g
37-Rb-84m2
Cross Section (barns)
Incident Energy (MeV)
14
38-Sr-85


MAT 3829
(γ,t)
38-Sr-85
Radionuclide Production Cross Section
37-Rb-82g
37-Rb-82m1
Cross Section (barns)
10-8
10-10
10-12
10-14
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
15
38-Sr-85


MAT 3829
(γ,α)
38-Sr-85
Radionuclide Production Cross Section
36-Kr-81g
36-Kr-81m2
Cross Section (barns)
Incident Energy (MeV)
16
38-Sr-85


MAT 3829
(γ,2α)
38-Sr-85
Radionuclide Production Cross Section
34-Se-77g
34-Se-77m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
17
Incident Energy (MeV)
38-Sr-85


MAT 3829
(γ,2p)
38-Sr-85
Radionuclide Production Cross Section
36-Kr-83g
36-Kr-83m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
18
Incident Energy (MeV)
38-Sr-85


MAT 3829
(γ,p) α
38-Sr-85
Radionuclide Production Cross Section
35-Br-80g
35-Br-80m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
19
Incident Energy (MeV)
38-Sr-85