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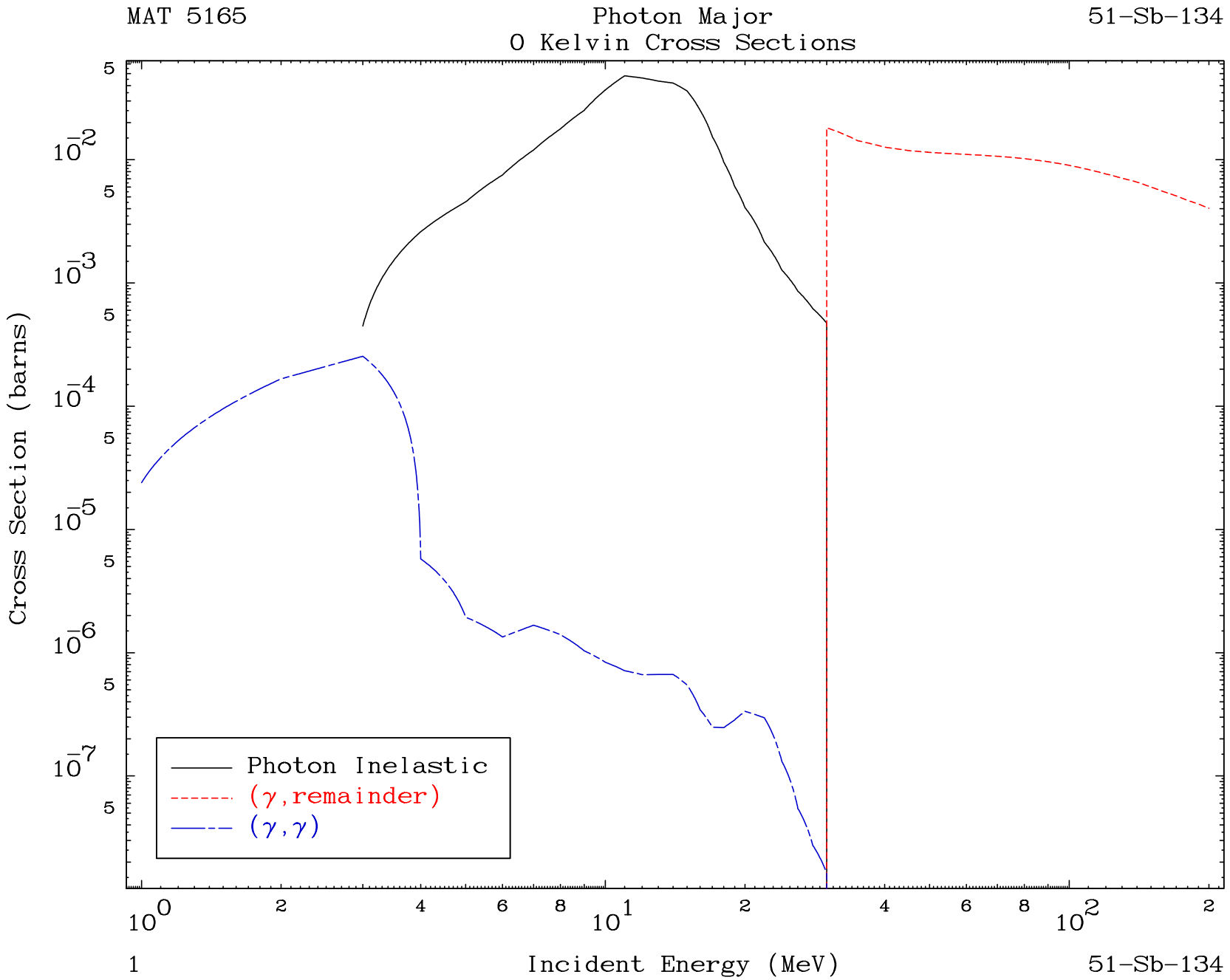
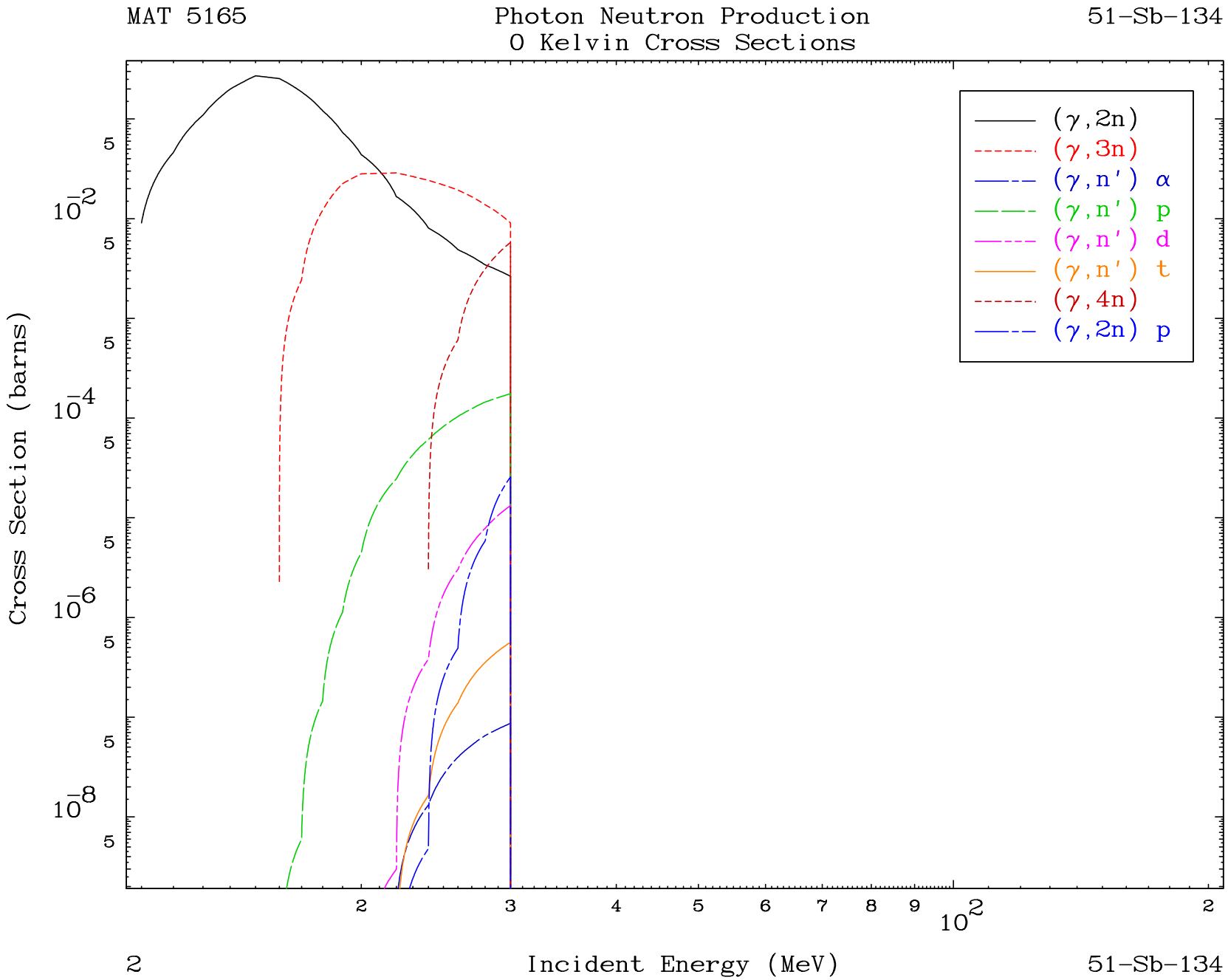
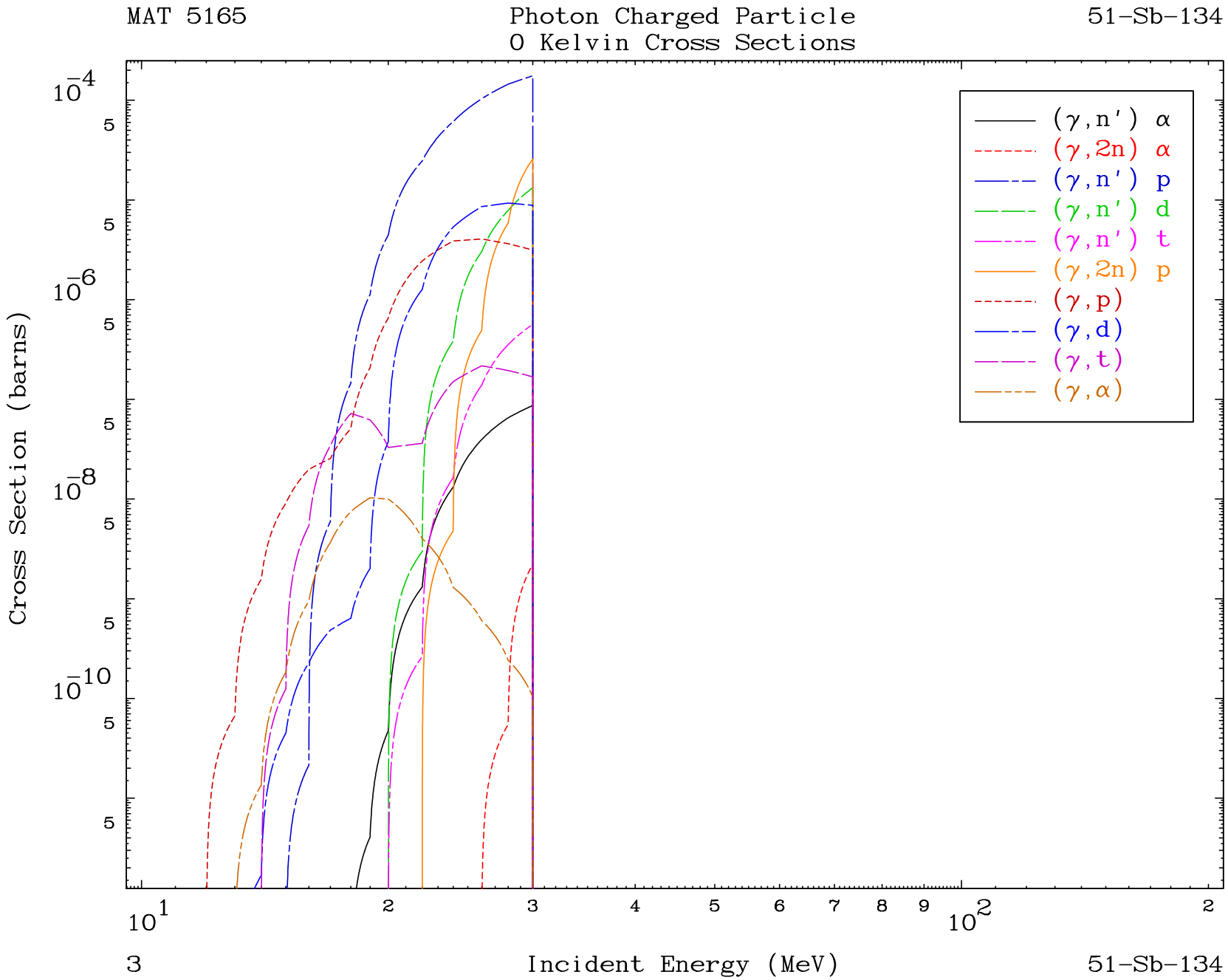
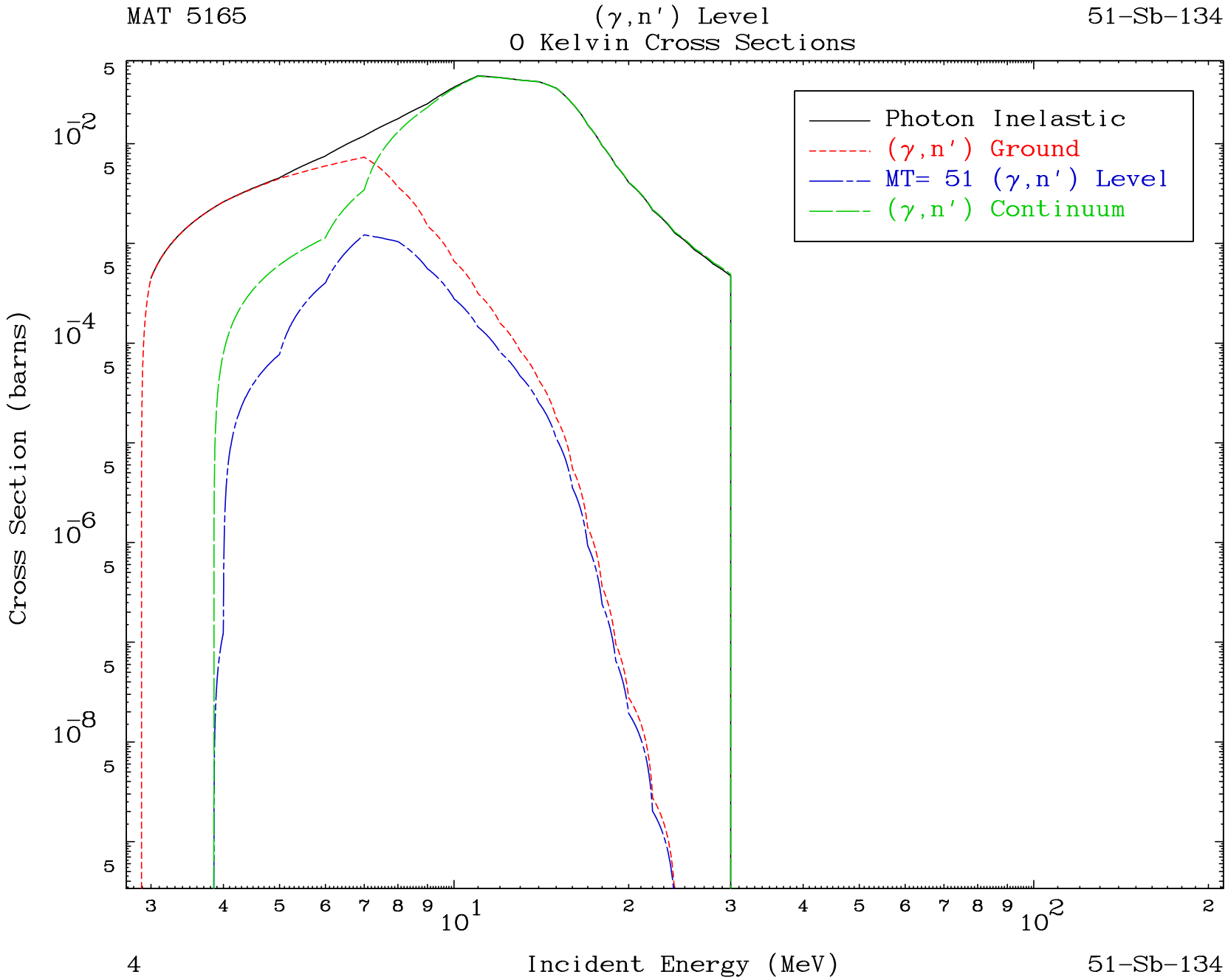
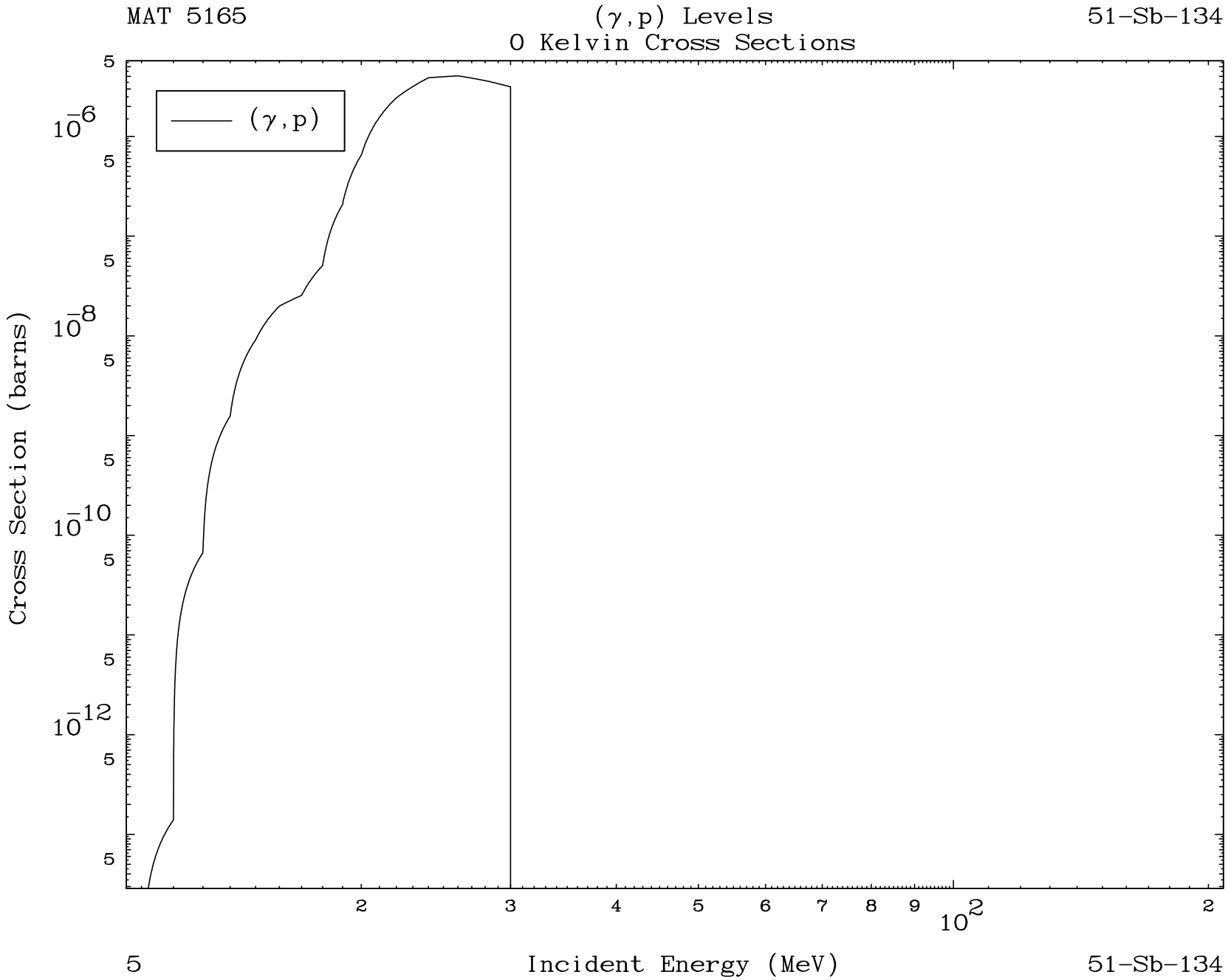
Press Mouse Button to Start

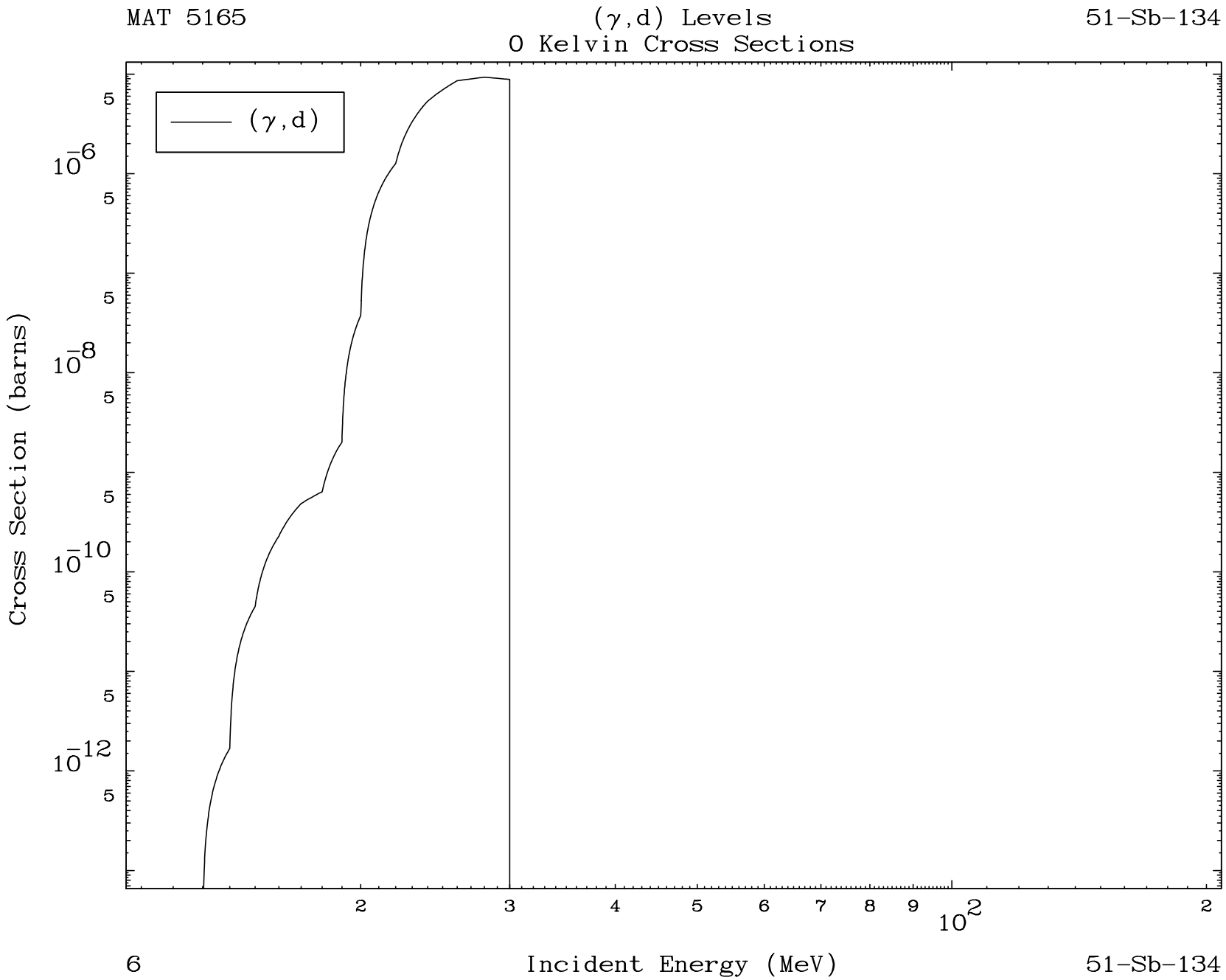

MAT 5165
Photon Major
51-Sb-134
0 Kelvin Cross Sections
Cross Section (barns)
Photon Inelastic
(γ,remainder)
(γ,γ)
Incident Energy (MeV)
51-Sb-134

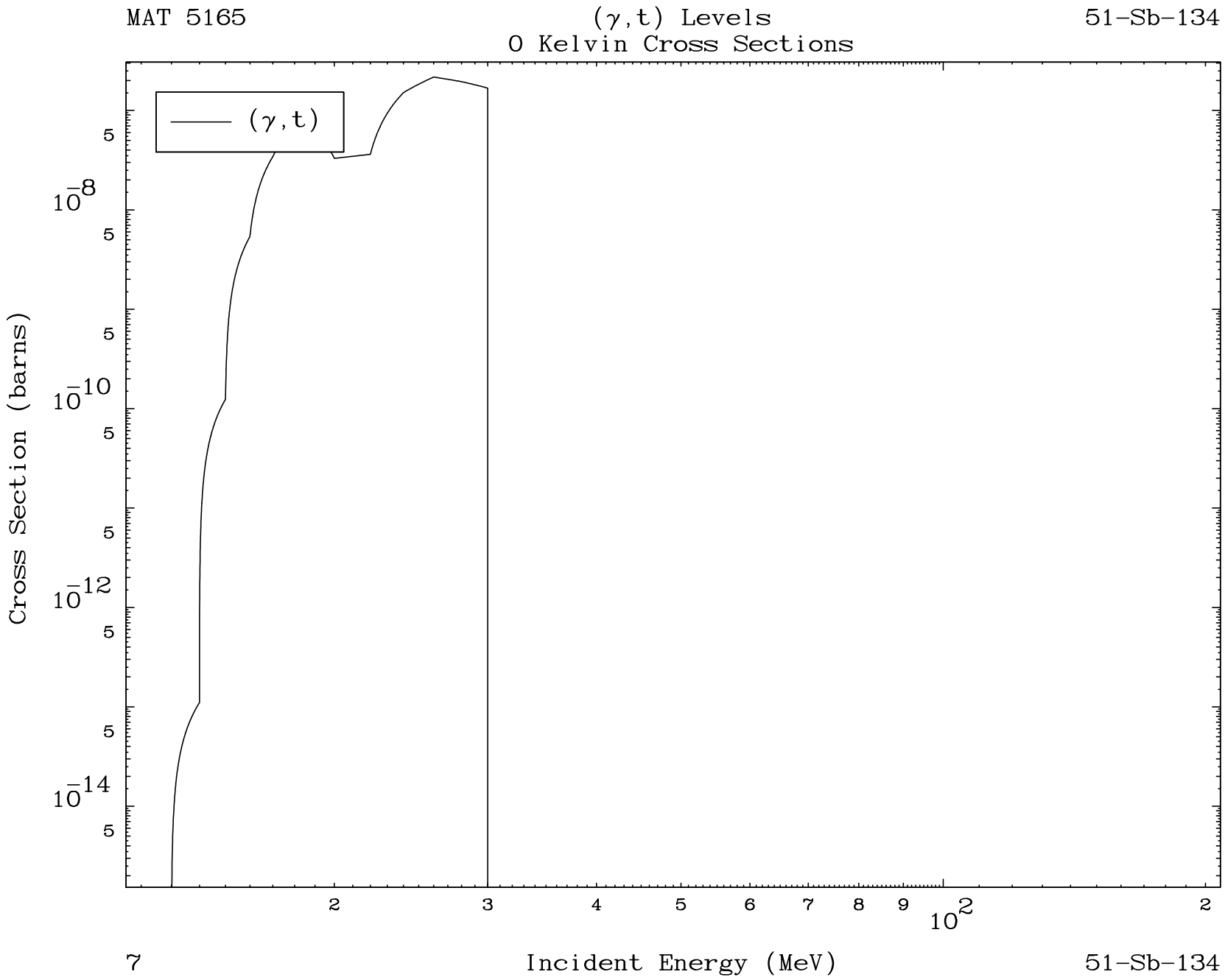

MAT 5165
Photon Neutron Production
0 Kelvin Cross Sections
51-Sb-134
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
51-Sb-134
(γ,2n)
(γ,3n)
(γ,n') α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,4n)
(γ,2n) p

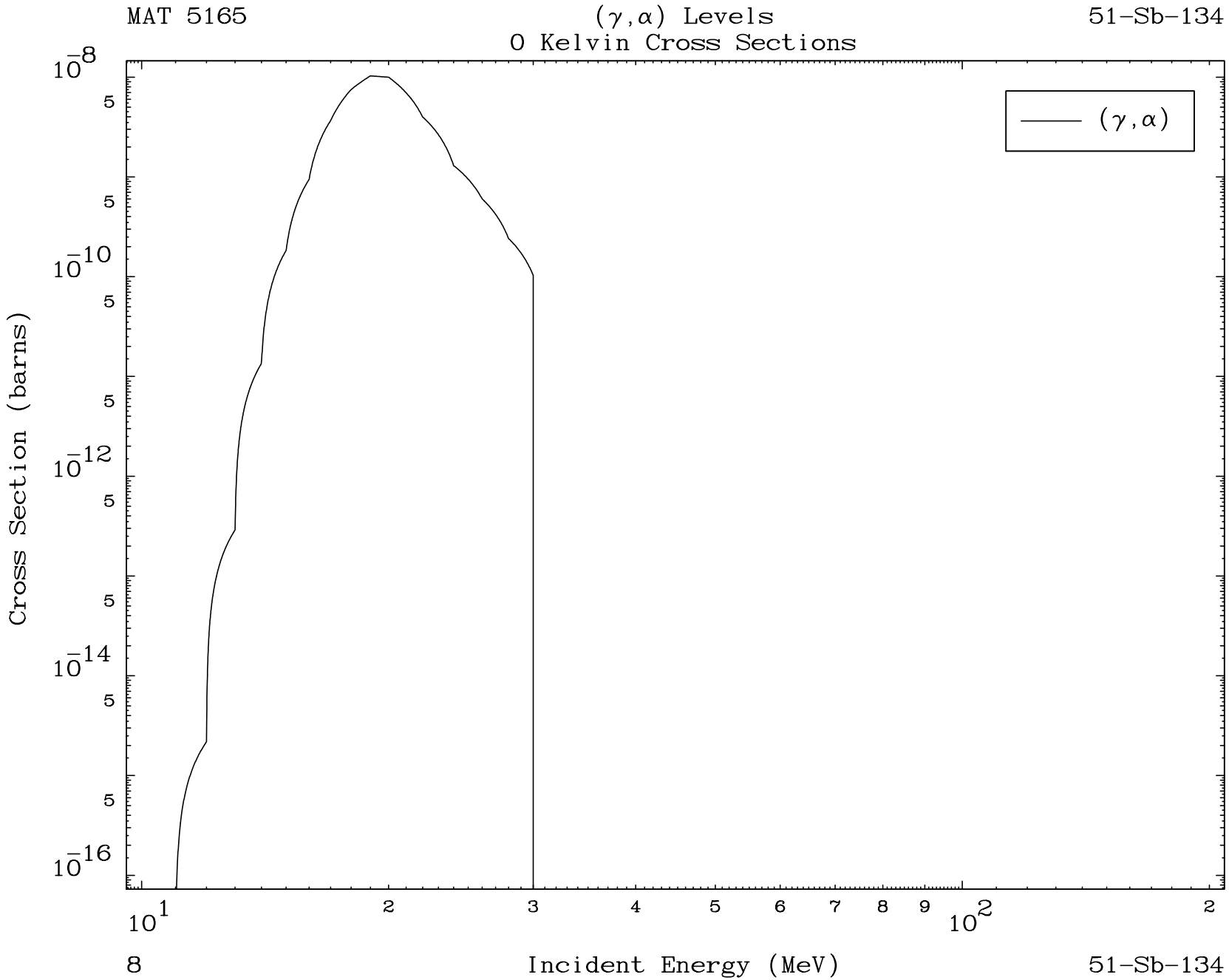

MAT 5165
Photon Charged Particle
0 Kelvin Cross Sections
51-Sb-134
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
(γ,p)
(γ,d)
(γ,t)
(γ,α)
10^1
2
3
4
5
6
7
8
9
10^2
2
3
Incident Energy (MeV)
51-Sb-134

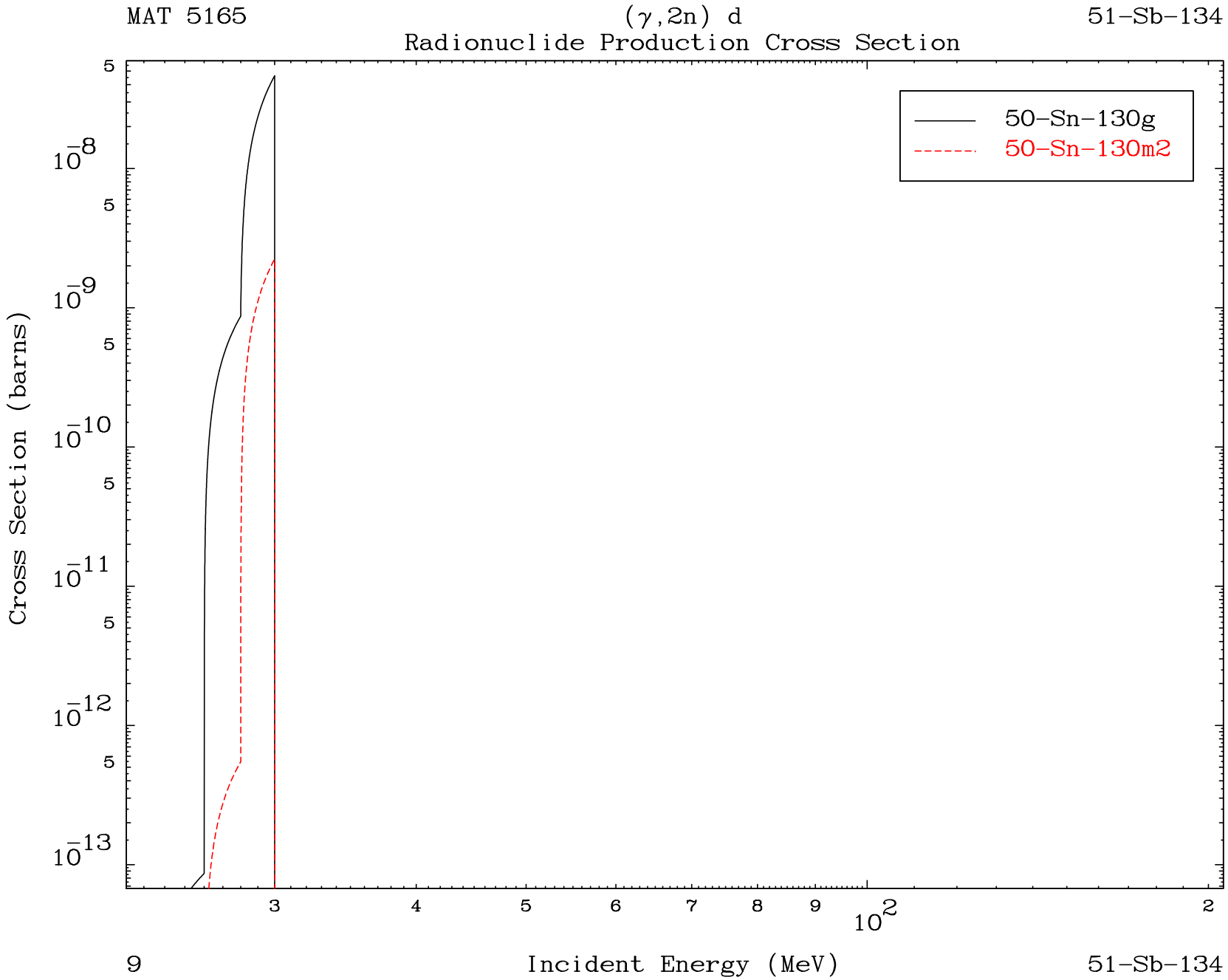

MAT 5165
(γ,n') Level
51-Sb-134
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
4
51-Sb-134

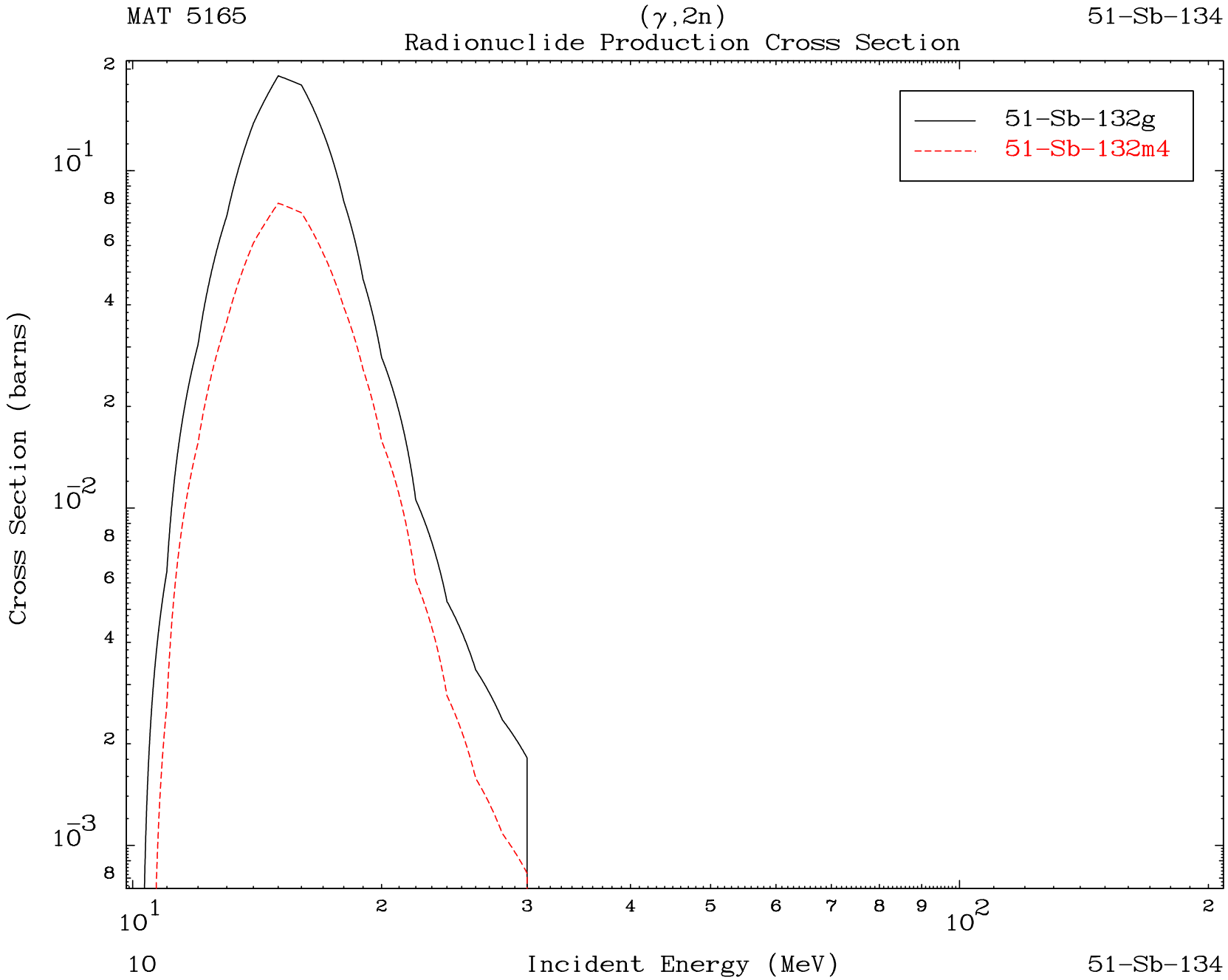

MAT 5165
(γ,p) Levels
51-Sb-134
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
Incident Energy (MeV)
10^2
51-Sb-134

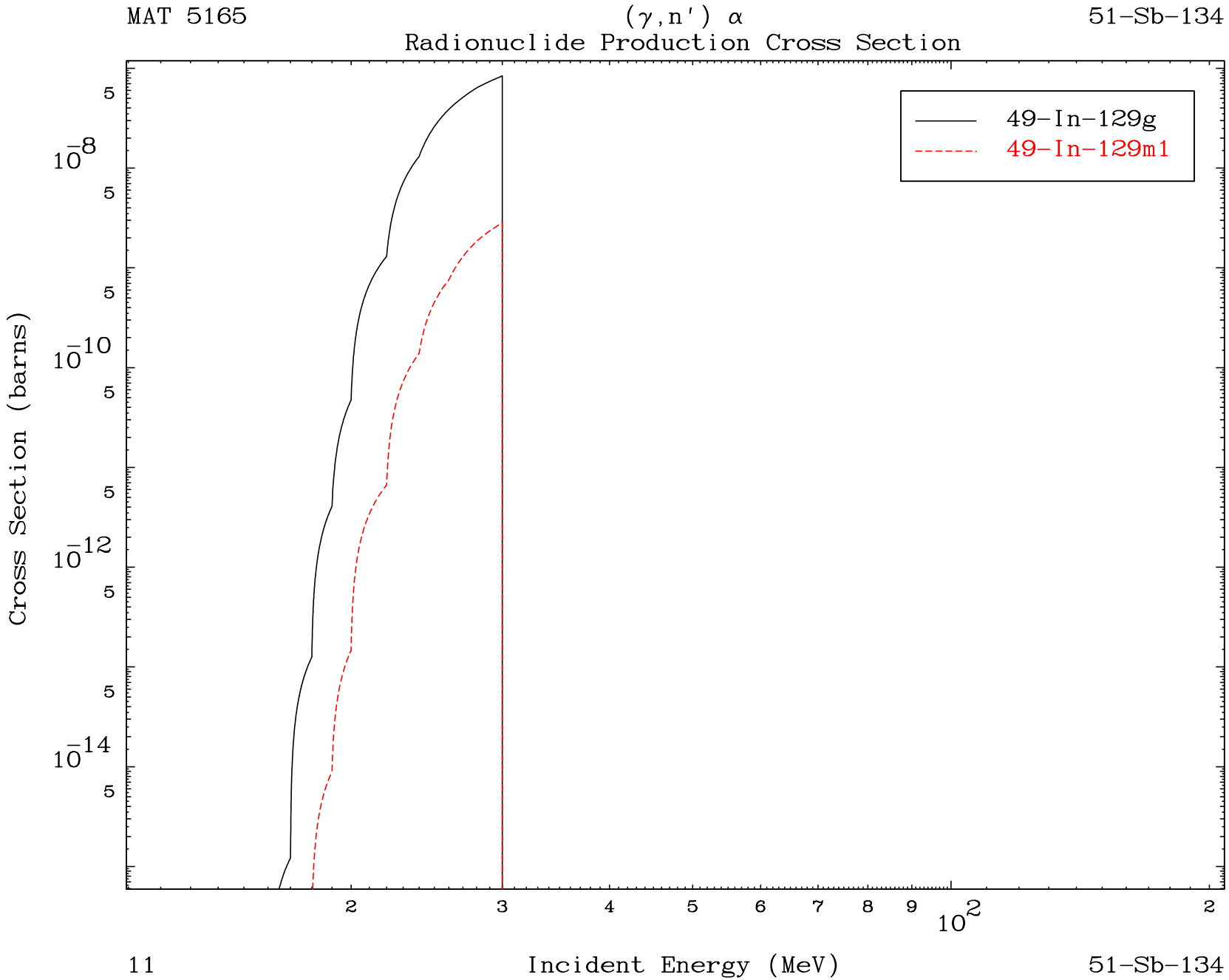

MAT 5165
(γ,d) Levels
51-Sb-134
0 Kelvin Cross Sections
(γ,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
6
Incident Energy (MeV)
51-Sb-134

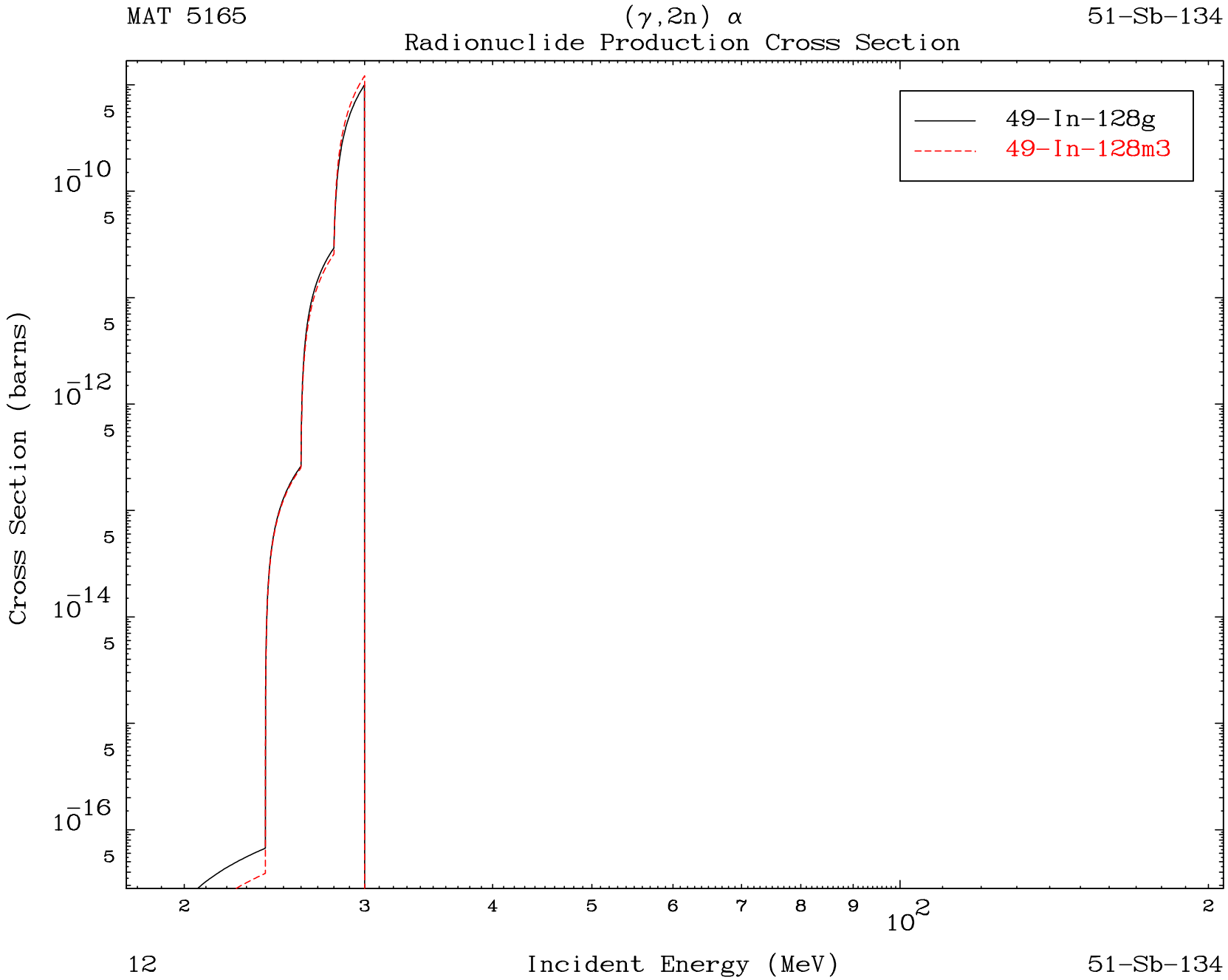

MAT 5165
(γ,t) Levels
51-Sb-134
0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
7
51-Sb-134

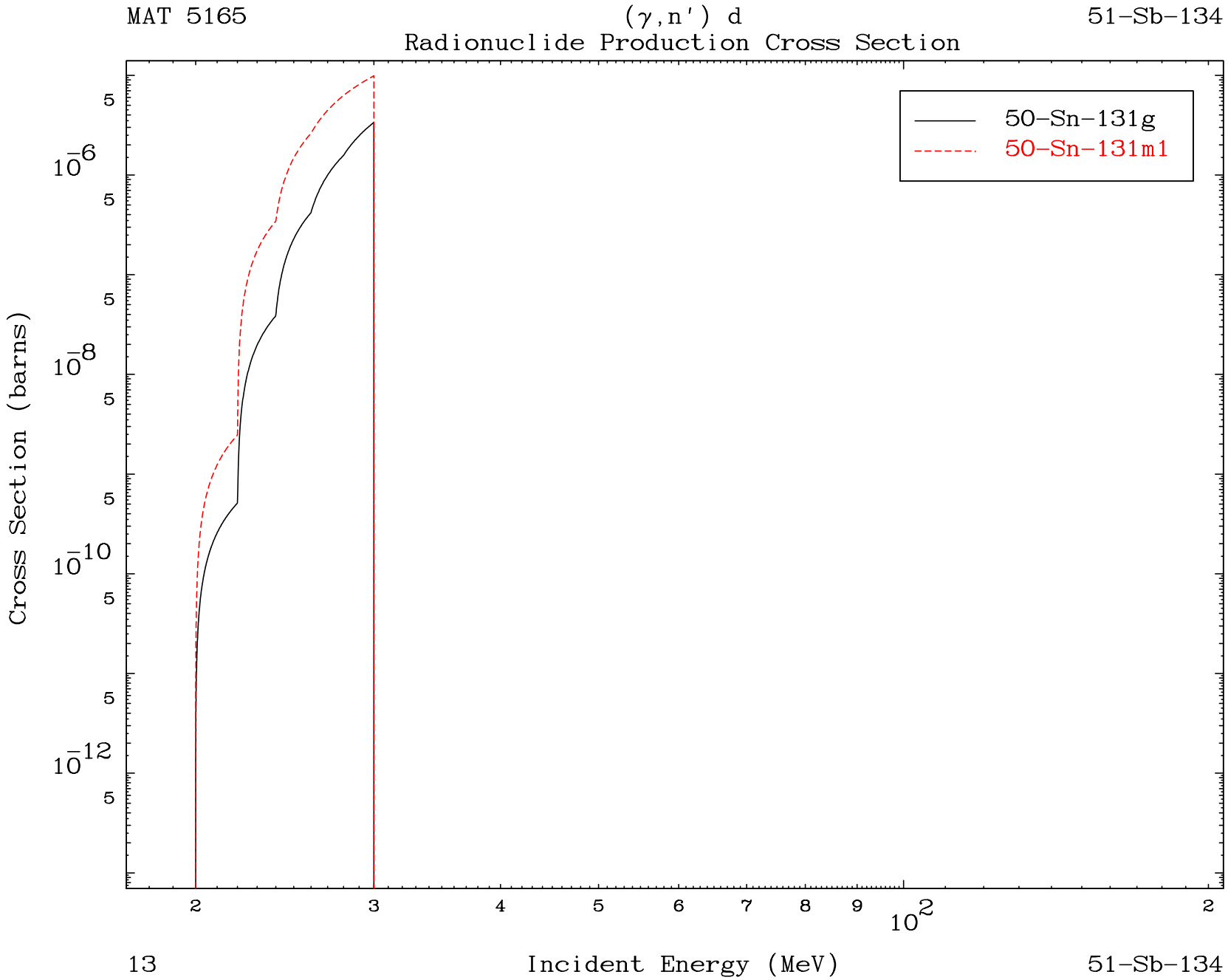

MAT 5165
(γ,α) Levels
51-Sb-134
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
51-Sb-134
8

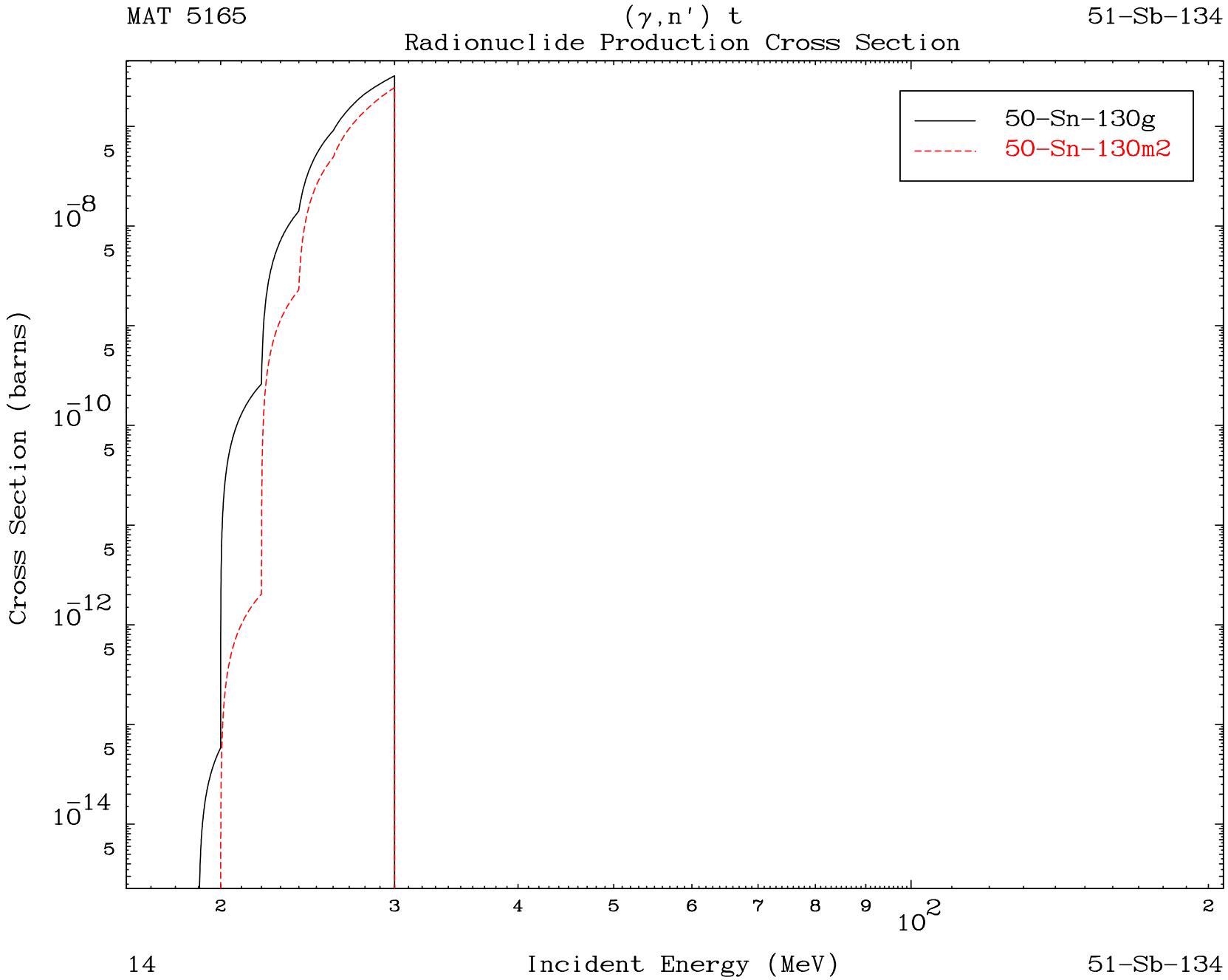

MAT 5165
(γ,2n) d
51-Sb-134
Radionuclide Production Cross Section
50-Sn-130g
50-Sn-130m2
Cross Section (barns)
Incident Energy (MeV)
9
51-Sb-134

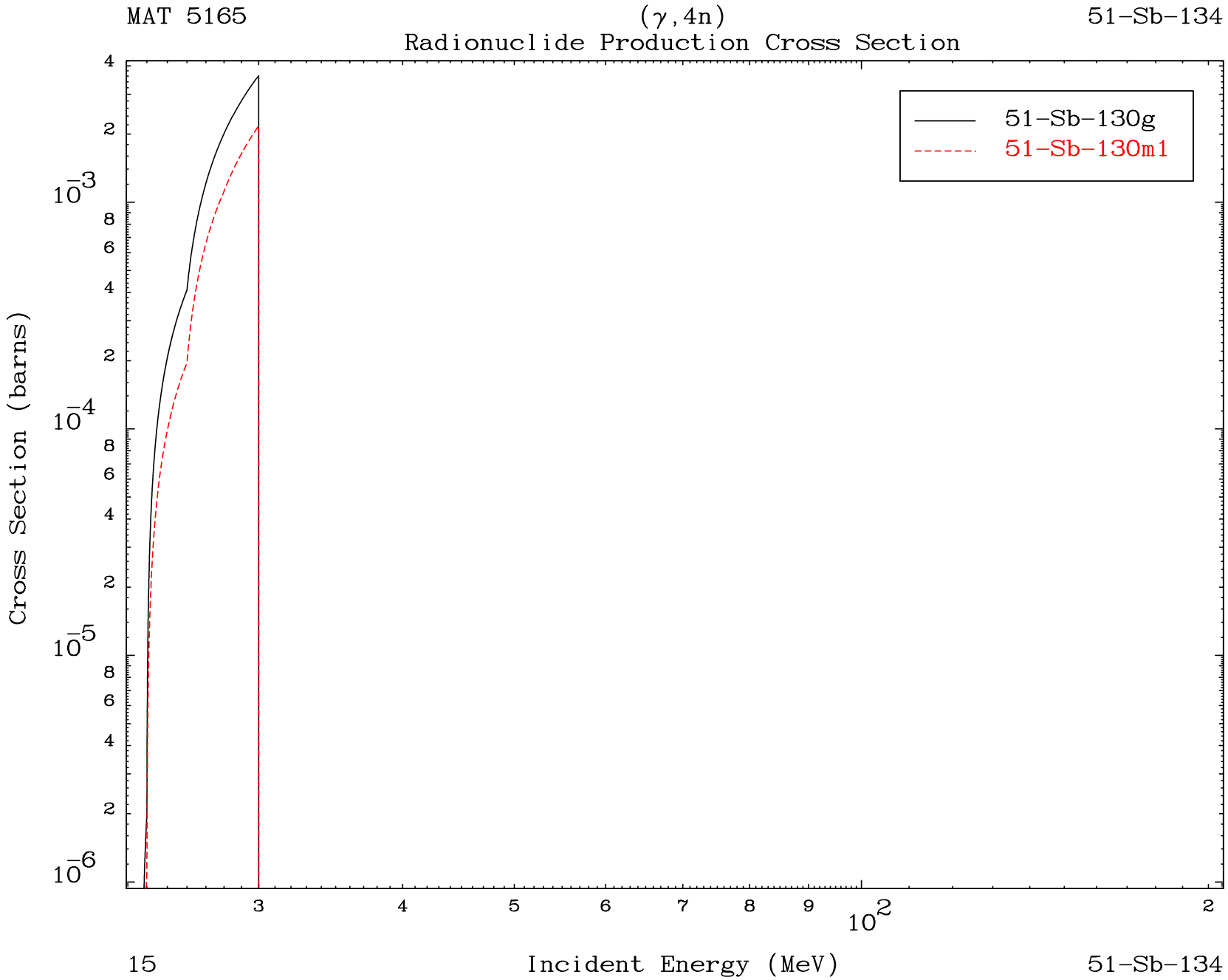

MAT 5165
(γ,2n)
51-Sb-134
Radionuclide Production Cross Section
51-Sb-132g
51-Sb-132m4
Cross Section (barns)
Incident Energy (MeV)
51-Sb-134

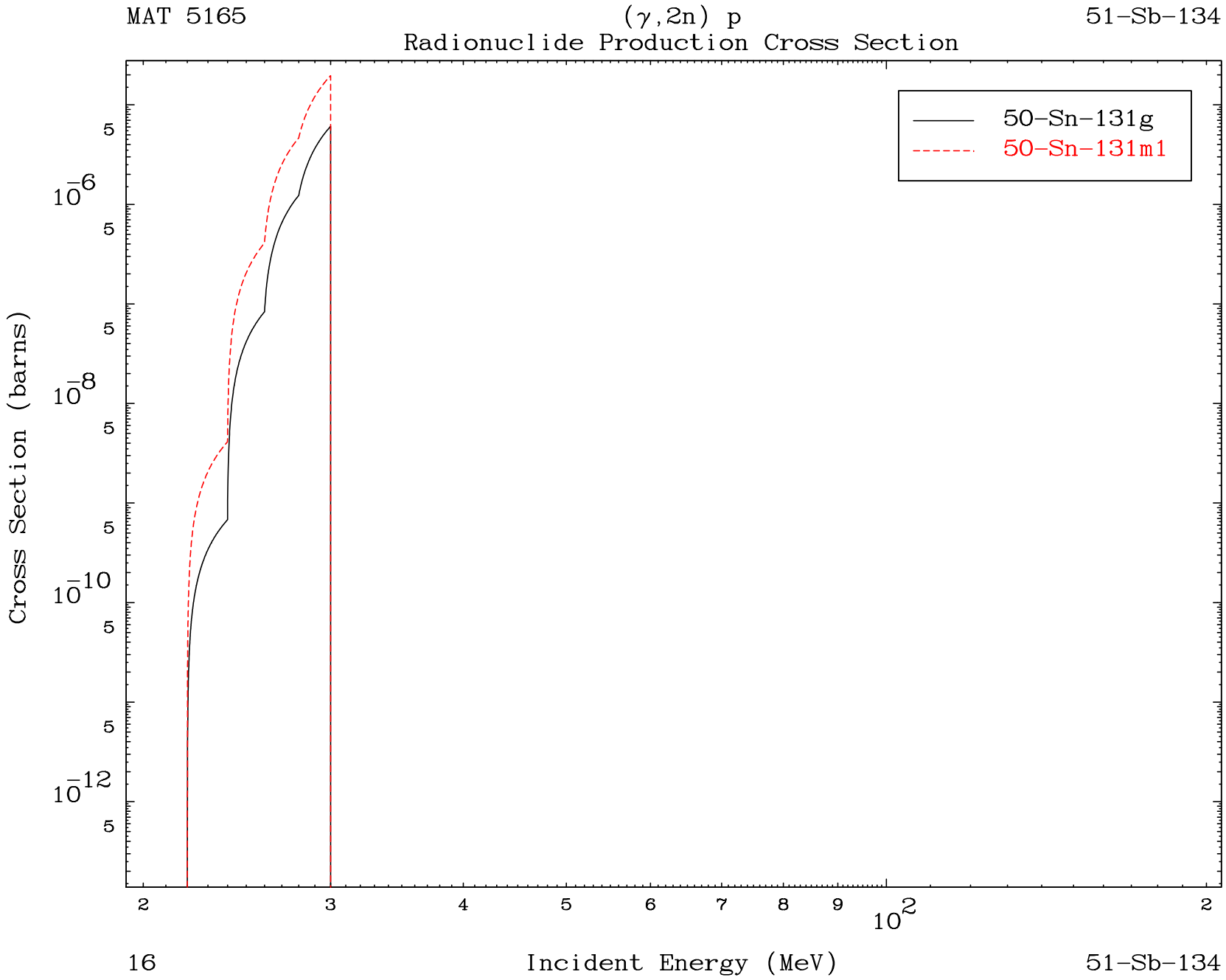

MAT 5165
(γ,n') α
51-Sb-134
Radionuclide Production Cross Section
49-In-129g
49-In-129m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
6
7
8
9
10^2
11
Incident Energy (MeV)
51-Sb-134

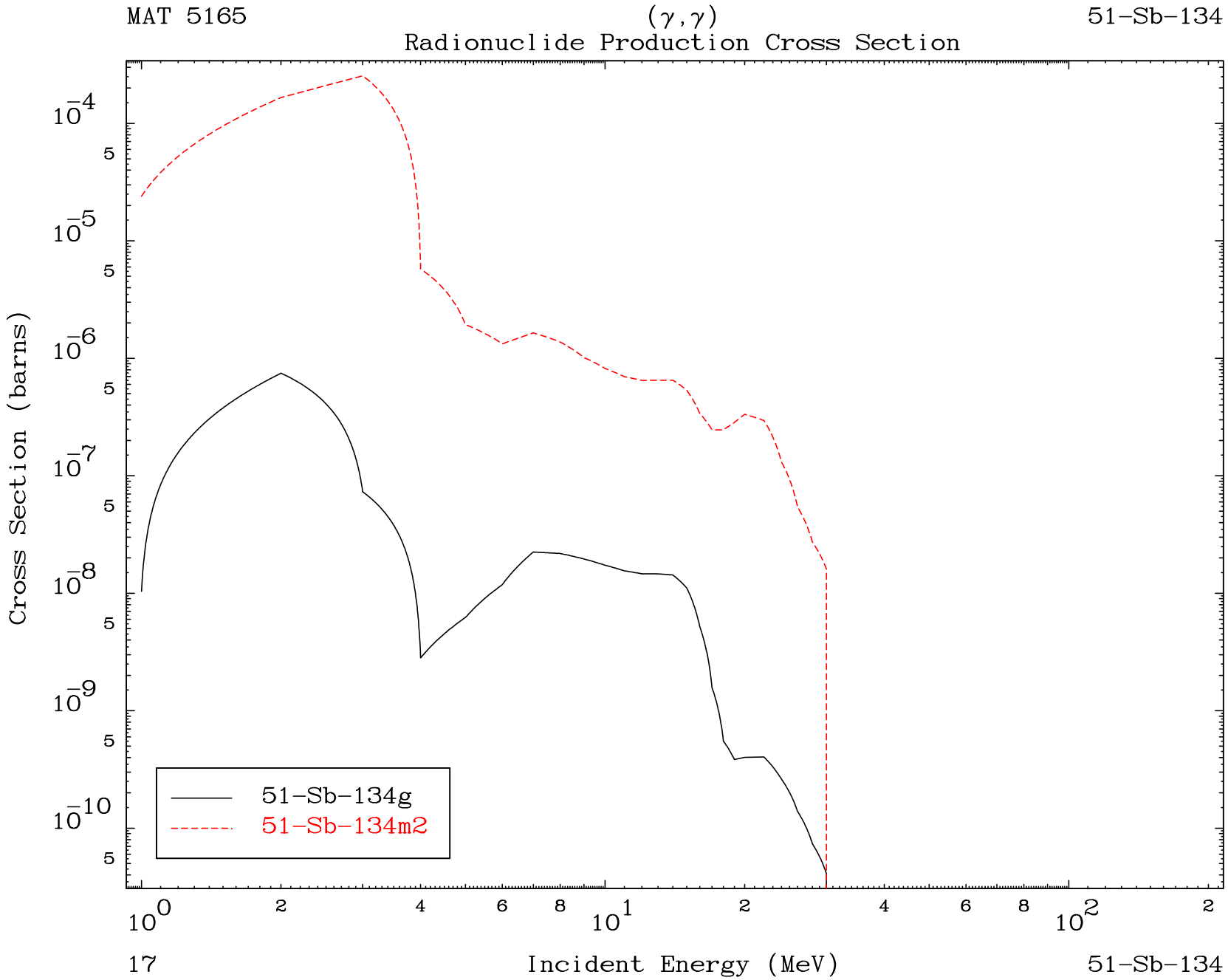

MAT 5165
(γ,2n) α
51-Sb-134
Radionuclide Production Cross Section
49-In-128g
49-In-128m3
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
12
51-Sb-134

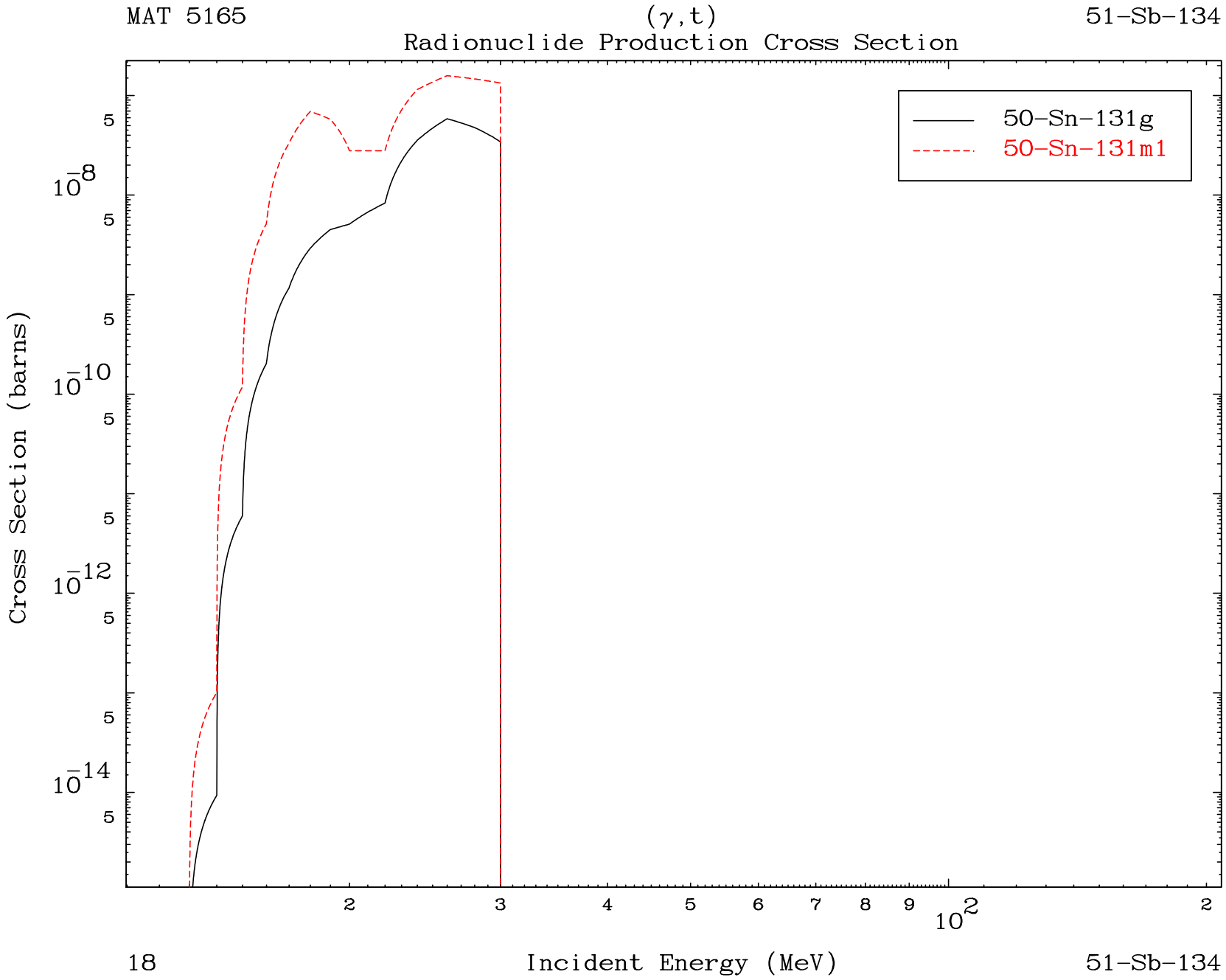

MAT 5165
(γ,n') d
51-Sb-134
Radionuclide Production Cross Section
50-Sn-131g
50-Sn-131m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
13
Incident Energy (MeV)
51-Sb-134

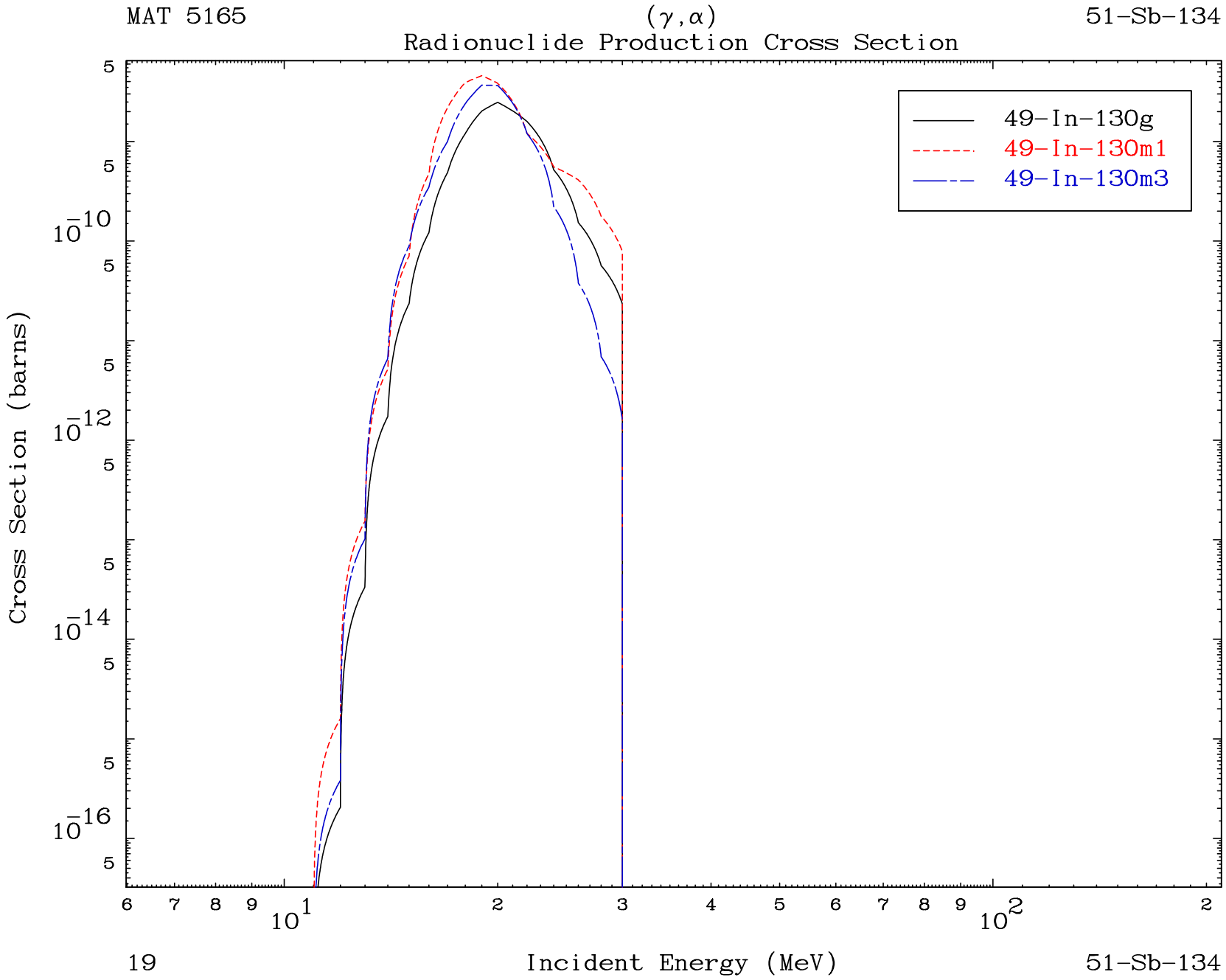

MAT 5165
(γ,n') t
51-Sb-134
Radionuclide Production Cross Section
50-Sn-130g
50-Sn-130m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
6
7
8
9
10^2
14
Incident Energy (MeV)
51-Sb-134


MAT 5165
(γ,4n)
51-Sb-134
Radionuclide Production Cross Section
51-Sb-130g
51-Sb-130m1
Cross Section (barns)
10^-3
10^-4
10^-5
10^-6
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
51-Sb-134


MAT 5165
(γ,2n) p
51-Sb-134
Radionuclide Production Cross Section
50-Sn-131g
50-Sn-131m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
51-Sb-134


MAT 5165
(γ,γ)
51-Sb-134
Radionuclide Production Cross Section
Cross Section (barns)
10-4
10-5
10-6
10-7
10-8
10-9
10-10
5
100
2
4
6
8
101
102
51-Sb-134g
51-Sb-134m2
17
Incident Energy (MeV)
51-Sb-134


MAT 5165
(γ,t)
51-Sb-134
Radionuclide Production Cross Section
50-Sn-131g
50-Sn-131m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
18
Incident Energy (MeV)
51-Sb-134


MAT 5165
(γ,α)
51-Sb-134
Radionuclide Production Cross Section
49-In-130g
49-In-130m1
49-In-130m3
Cross Section (barns)
Incident Energy (MeV)
19
51-Sb-134