Program EVALPLOT
(Version 2017-1)
by
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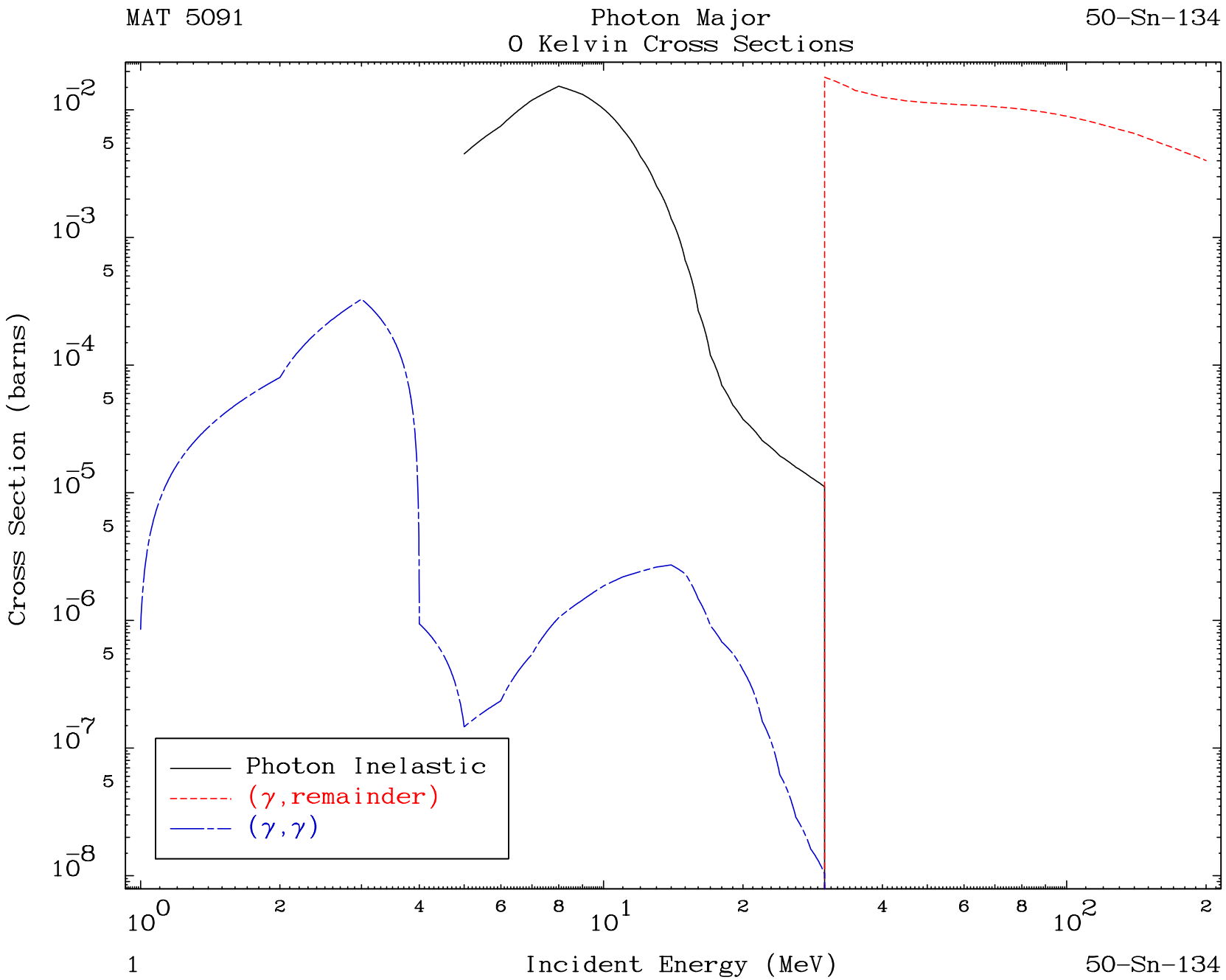
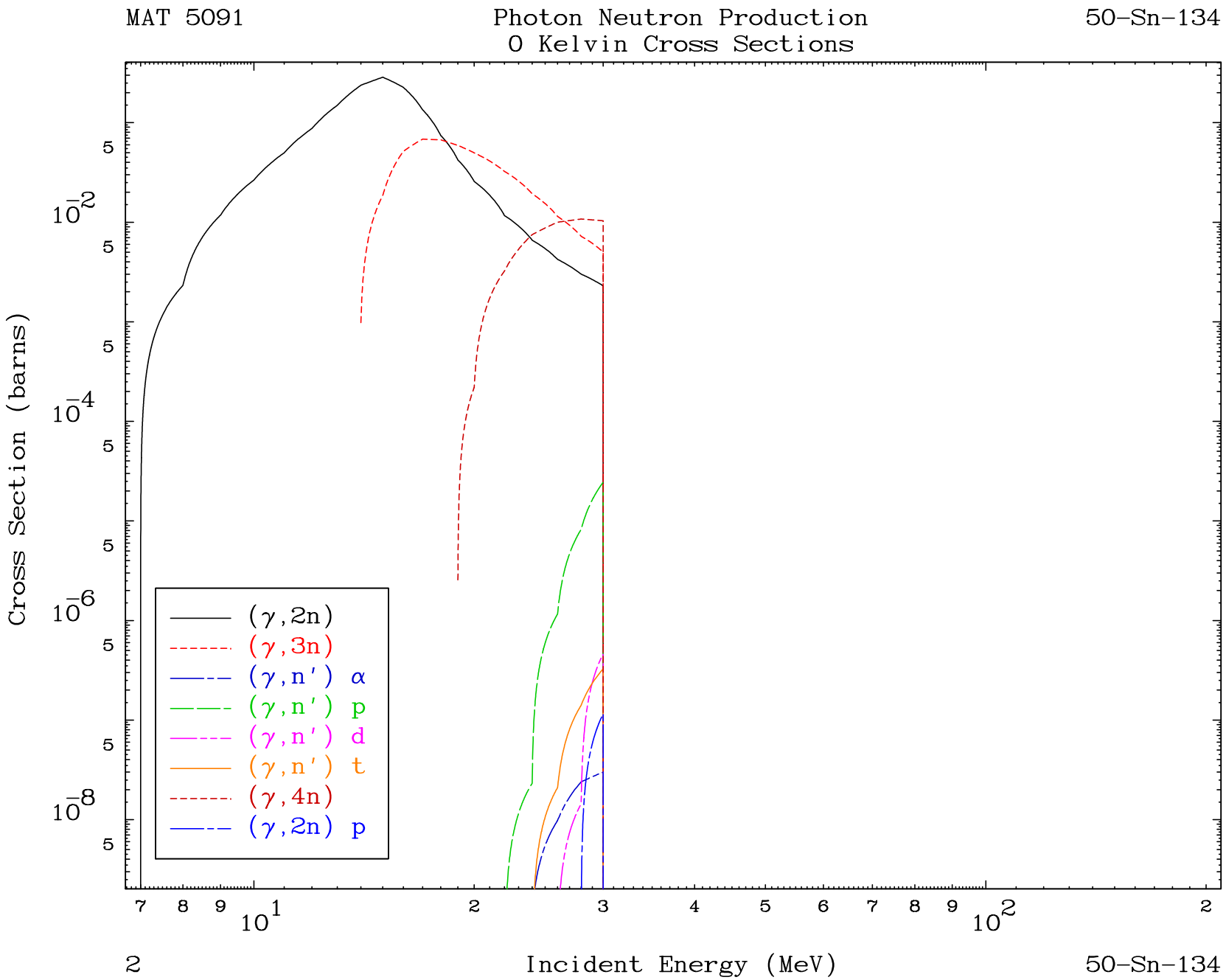
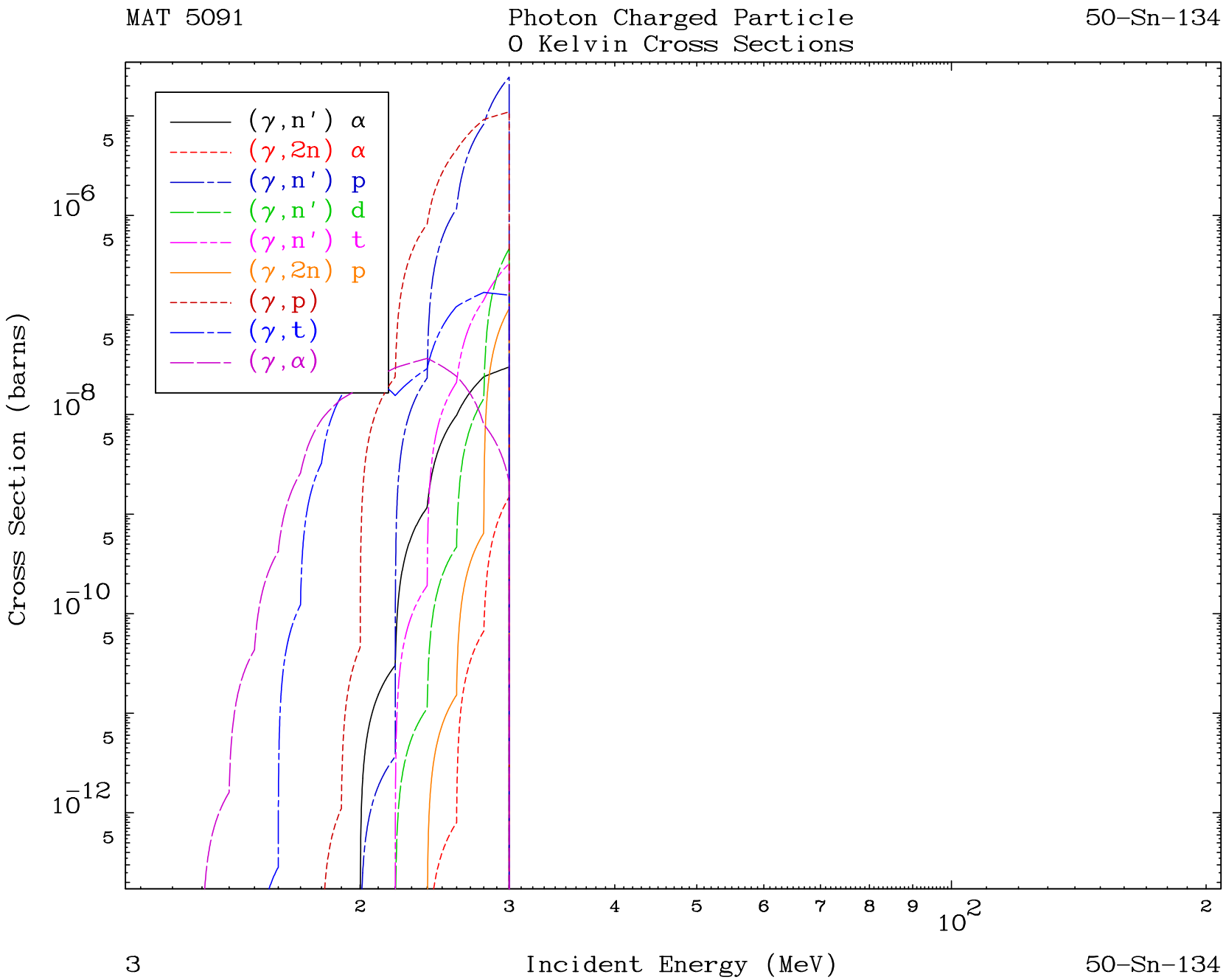
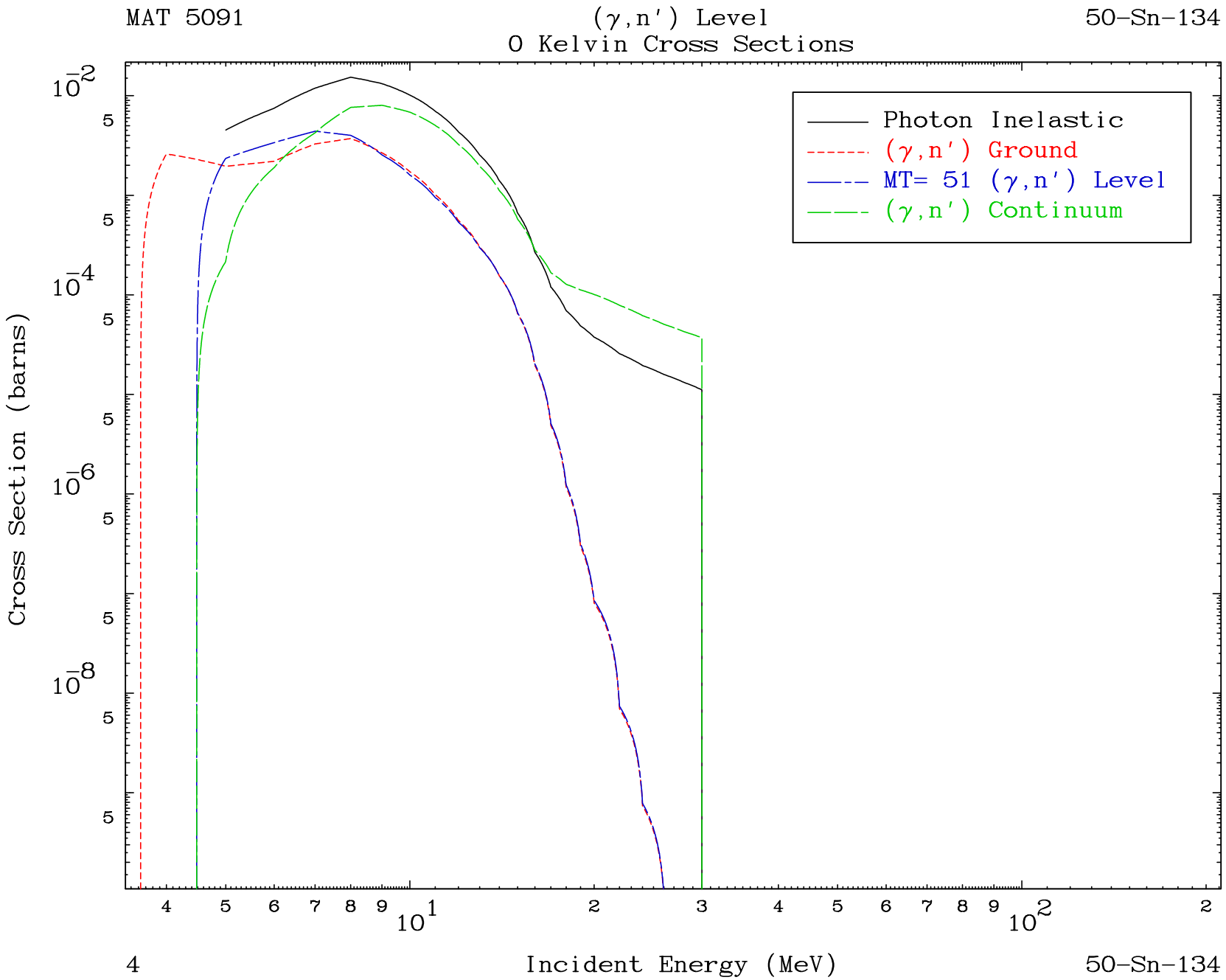
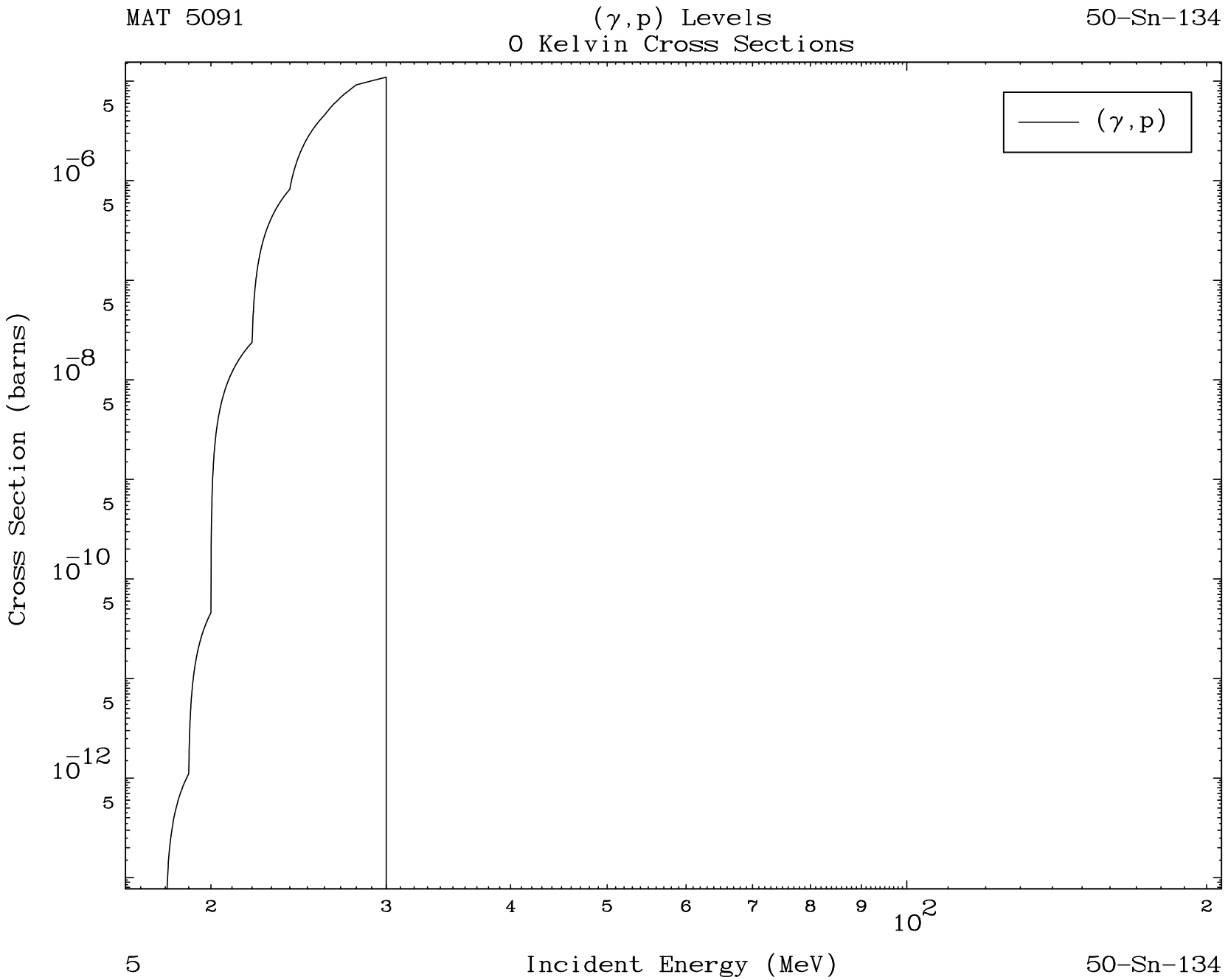
Press Mouse Button to Start

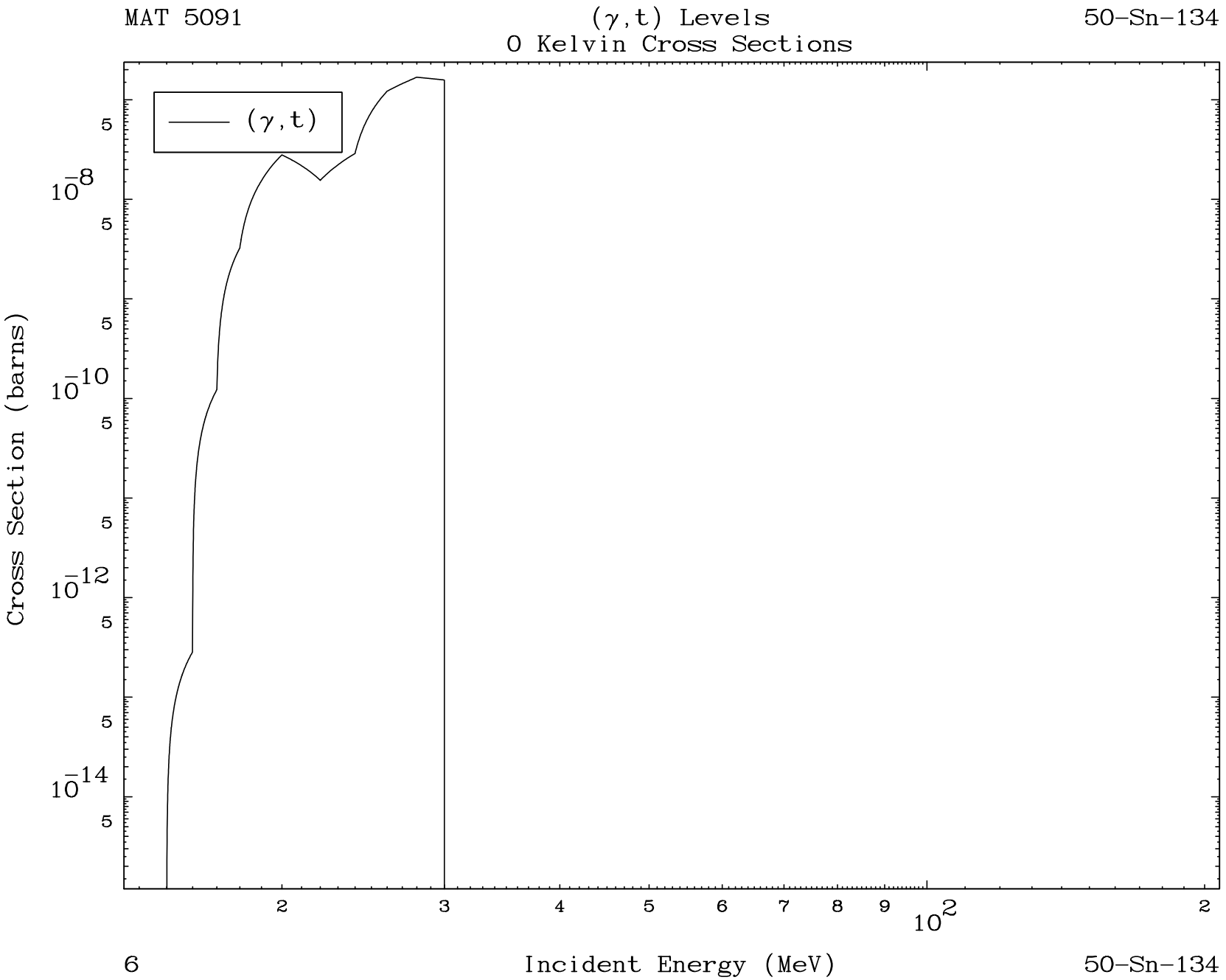

MAT 5091
Photon Major
50-Sn-134
0 Kelvin Cross Sections
Cross Section (barns)
Photon Inelastic
(γ,remainder)
(γ,γ)
Incident Energy (MeV)
50-Sn-134

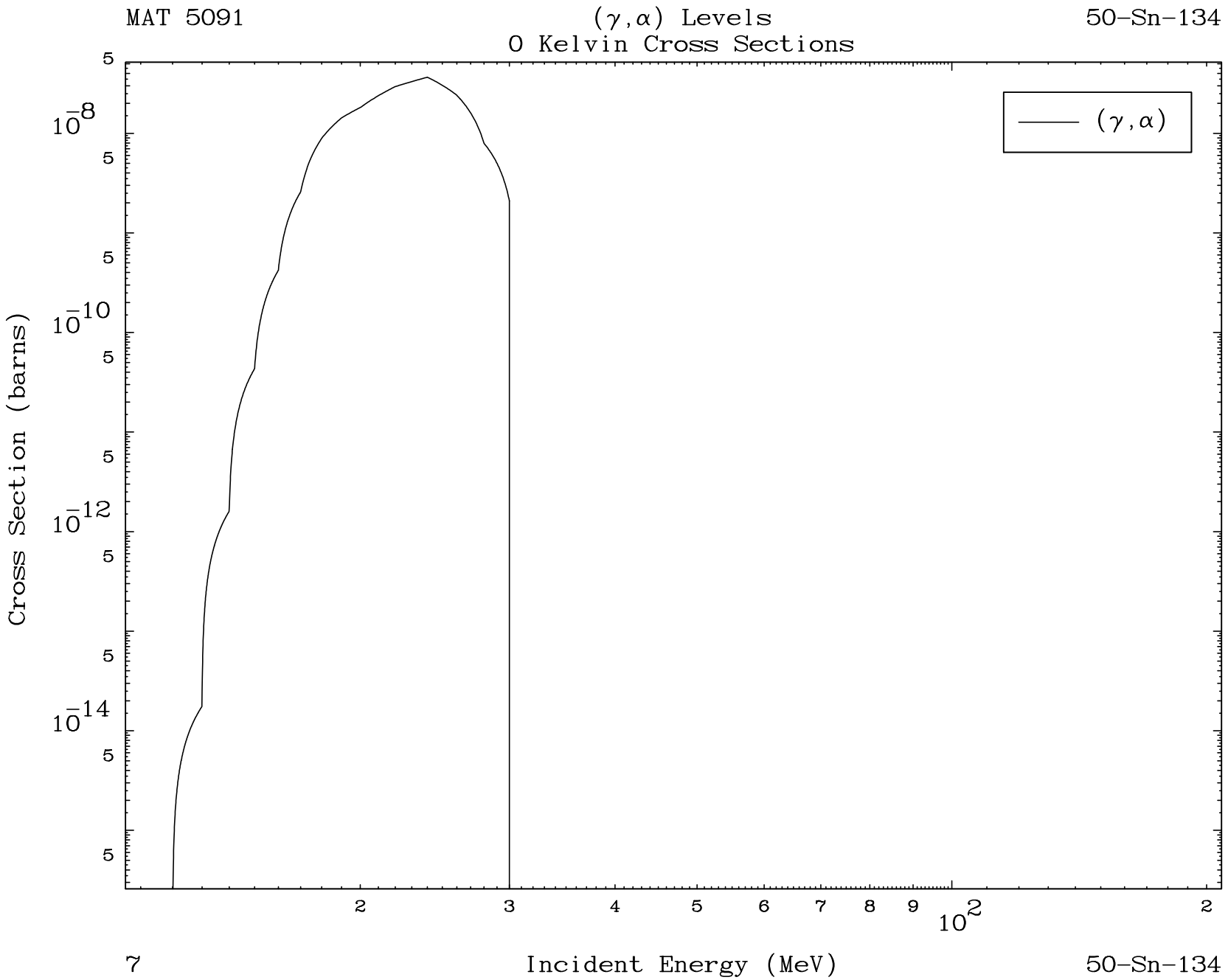

MAT 5091
Photon Neutron Production
0 Kelvin Cross Sections
50-Sn-134
Cross Section (barns)
Incident Energy (MeV)
50-Sn-134
(γ,2n)
(γ,3n)
(γ,n') α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,4n)
(γ,2n) p

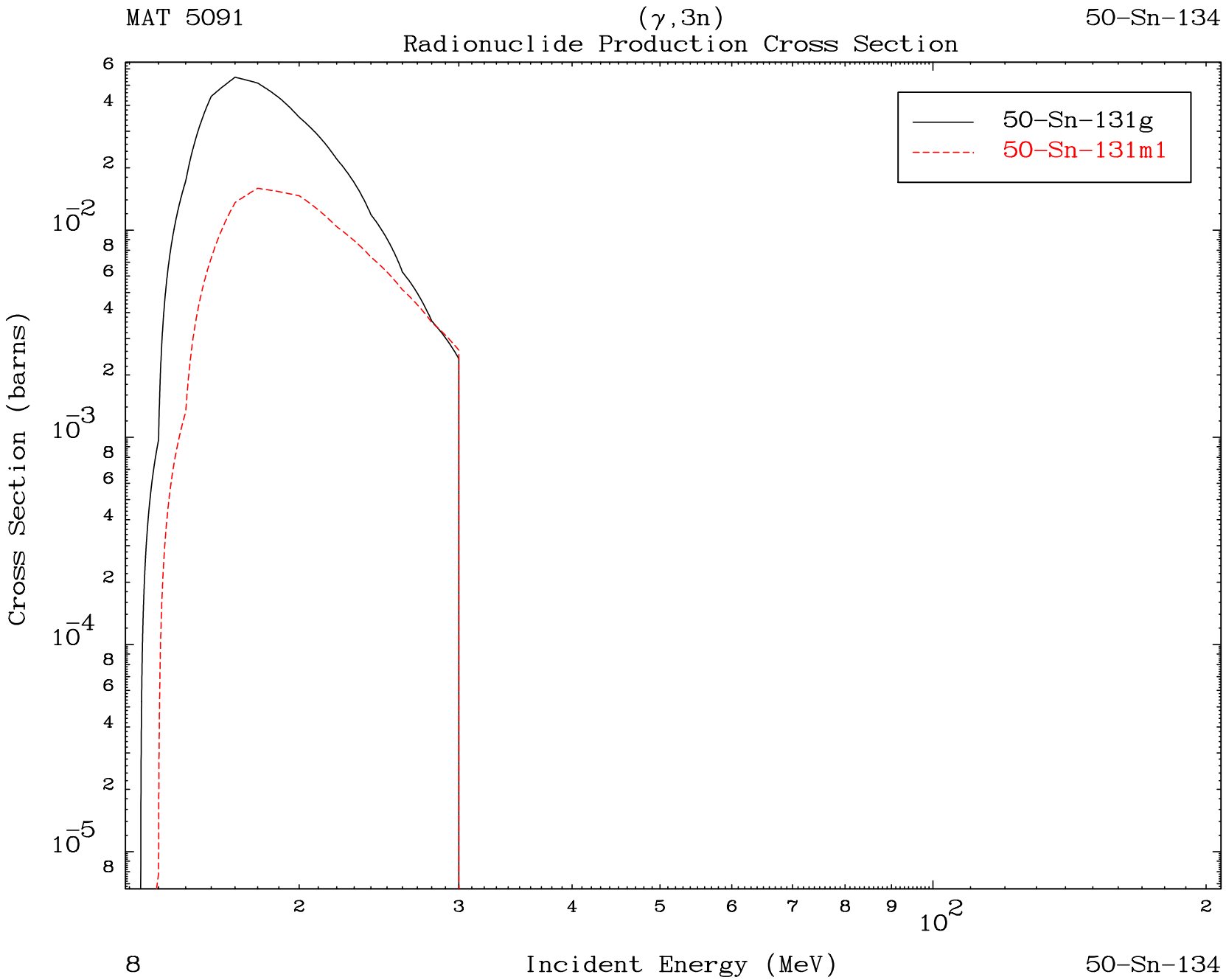

MAT 5091
Photon Charged Particle
0 Kelvin Cross Sections
50-Sn-134
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
(γ,p)
(γ,t)
(γ,α)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
3
50-Sn-134

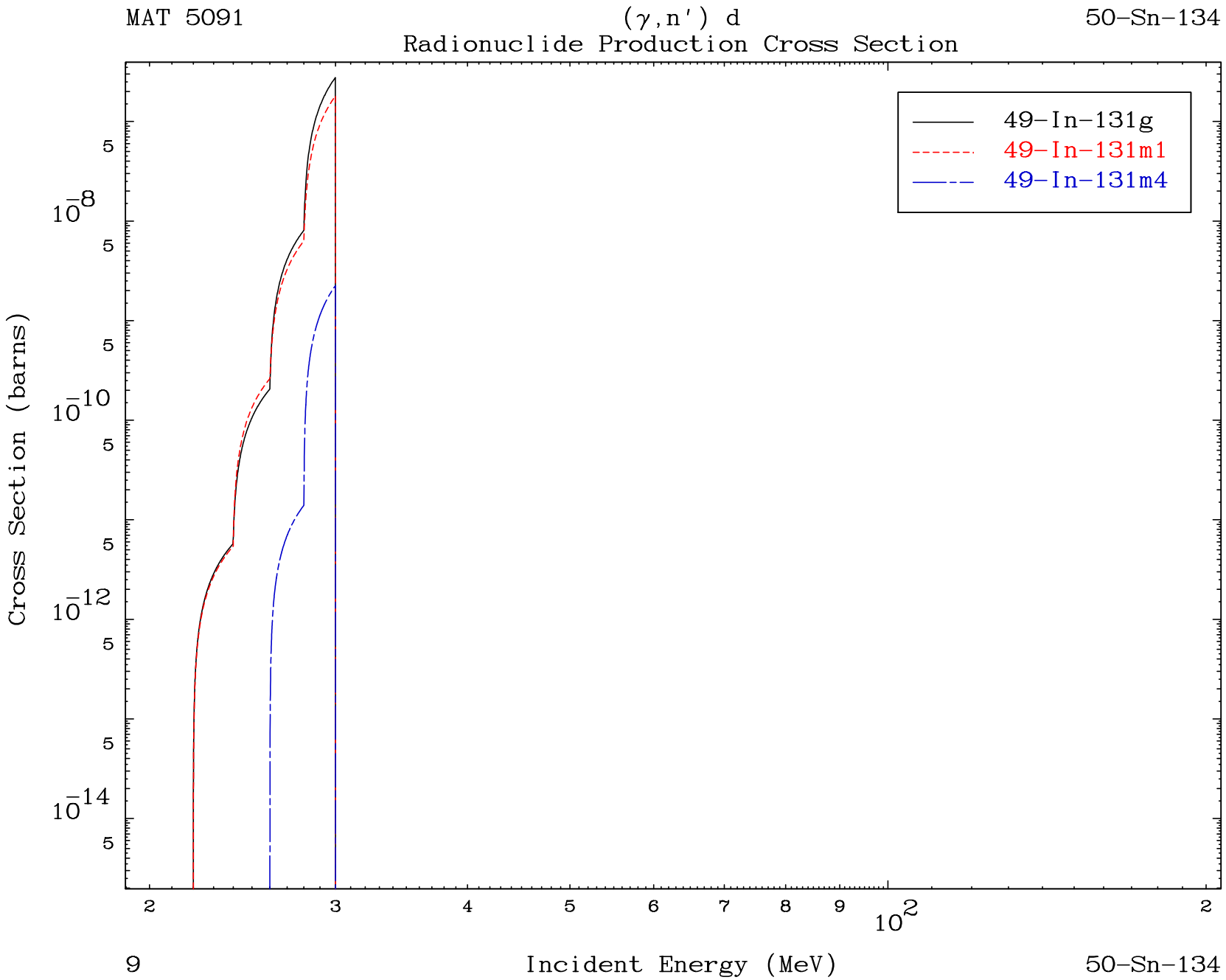

MAT 5091
(γ,n') Level
50-Sn-134
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
50-Sn-134
4

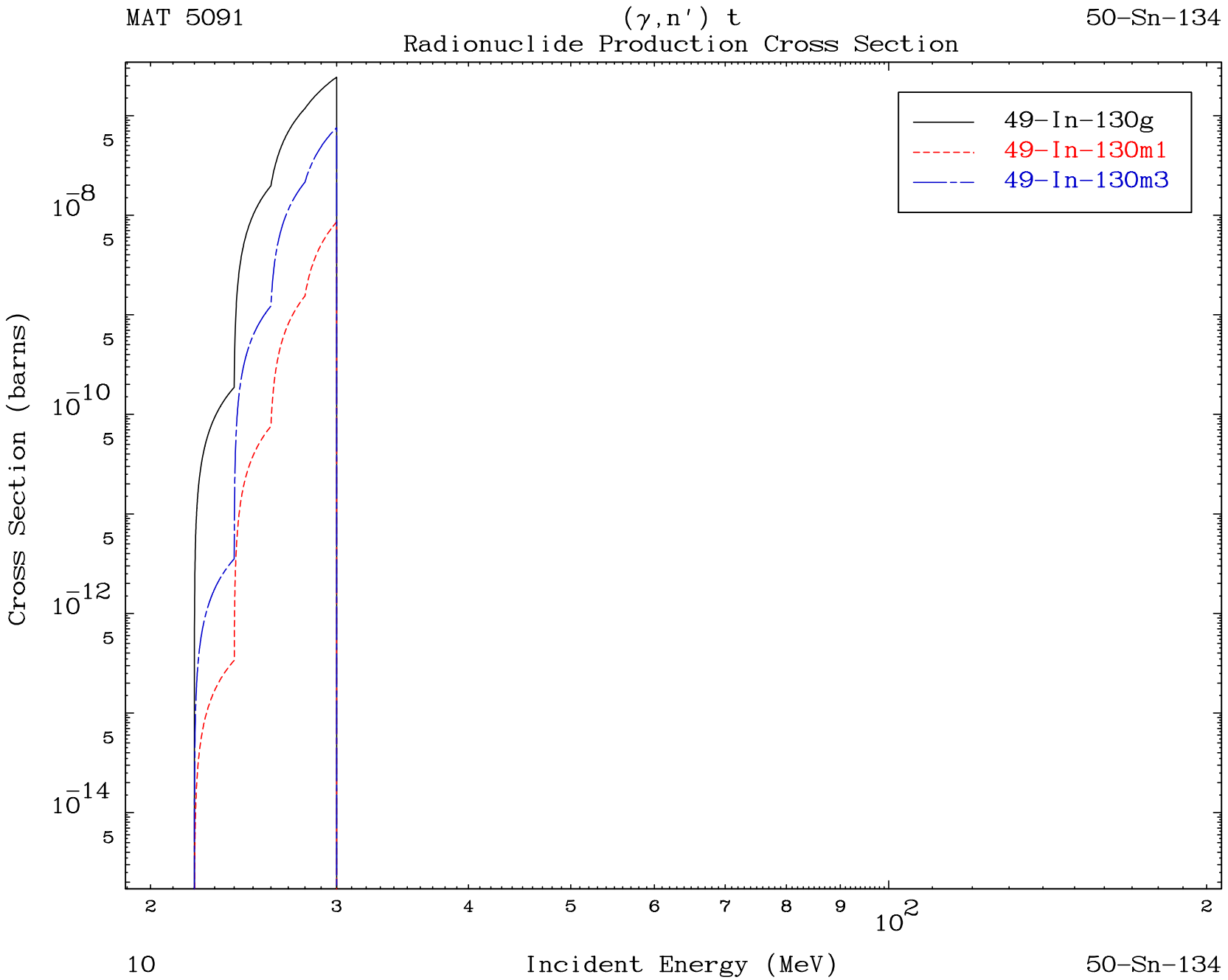

MAT 5091
(γ,p) Levels
50-Sn-134
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
5
Incident Energy (MeV)
50-Sn-134

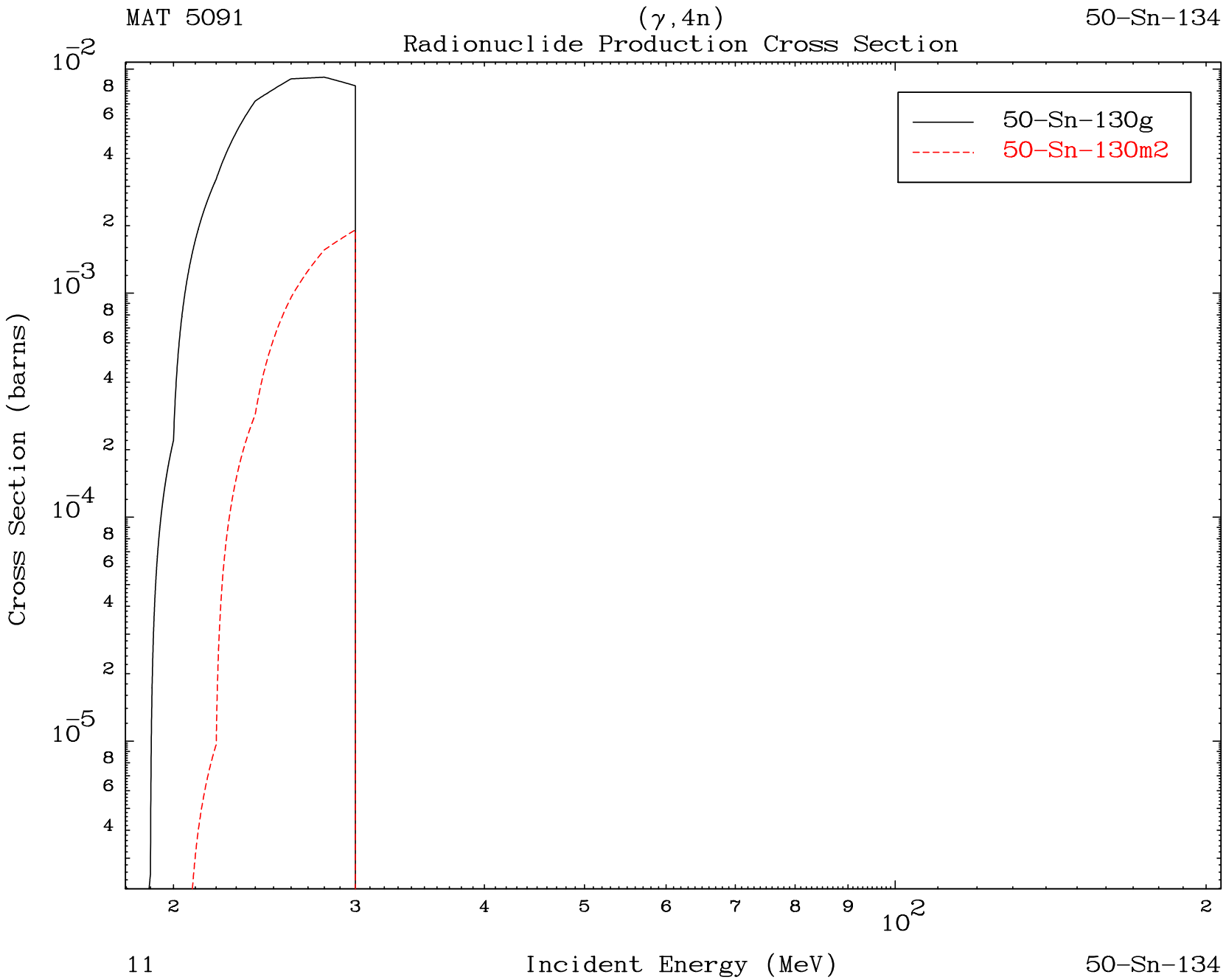

MAT 5091
(γ,t) Levels
50-Sn-134
0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10^2
2
6
Incident Energy (MeV)
50-Sn-134

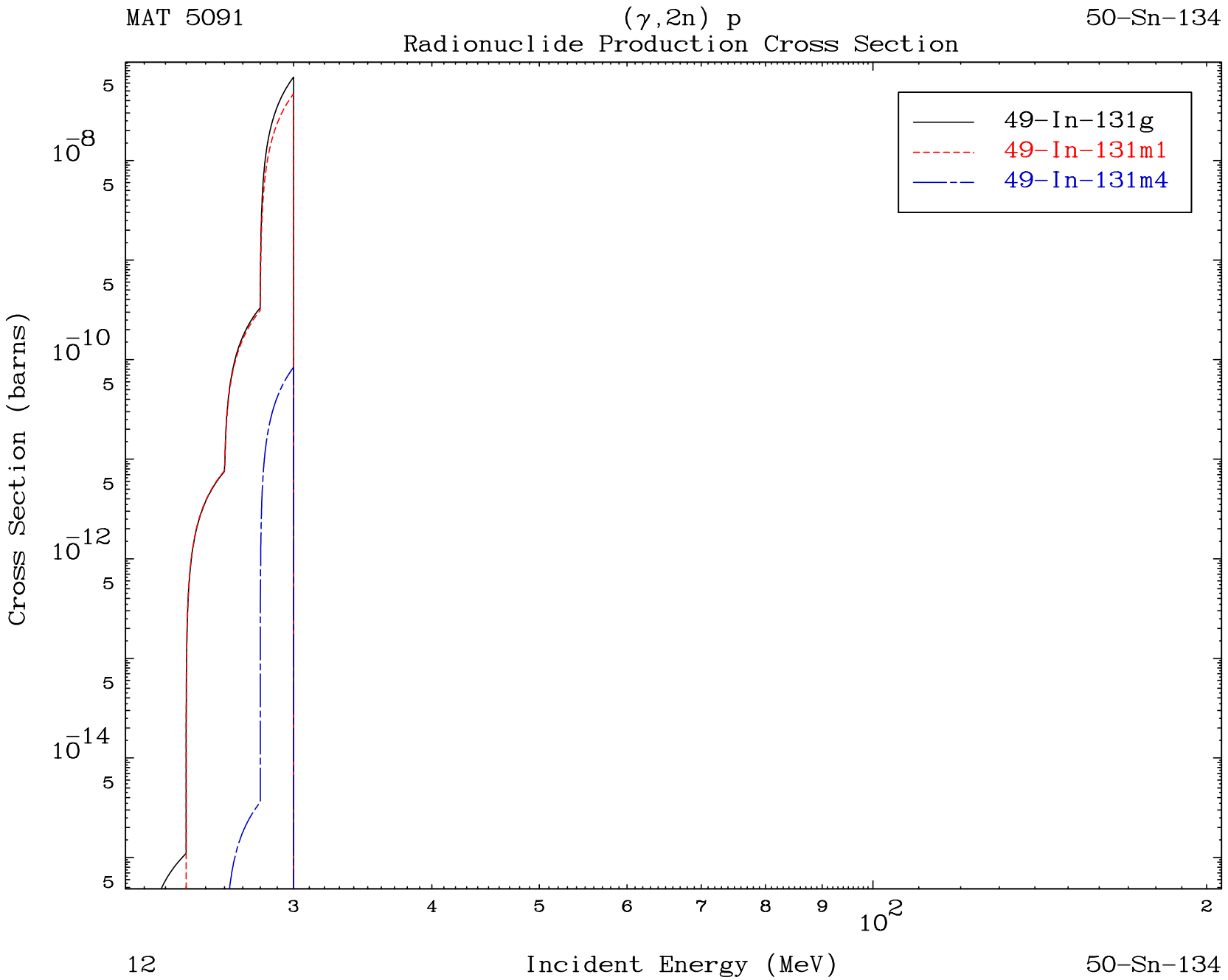

MAT 5091
(γ,α) Levels
50-Sn-134
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
50-Sn-134

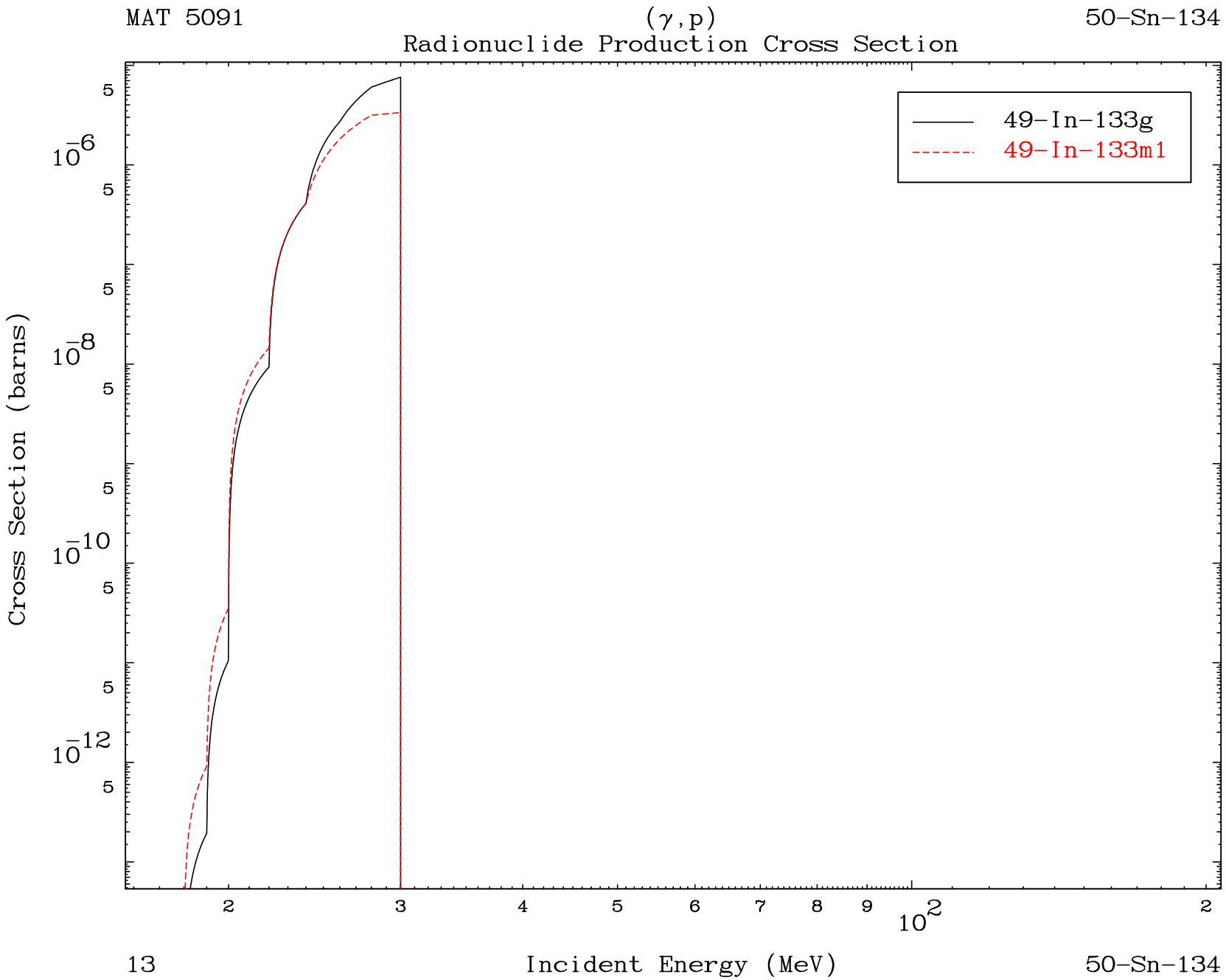

MAT 5091
(γ,3n)
50-Sn-134
Radionuclide Production Cross Section
50-Sn-131g
50-Sn-131m1
Cross Section (barns)
Incident Energy (MeV)
8
50-Sn-134

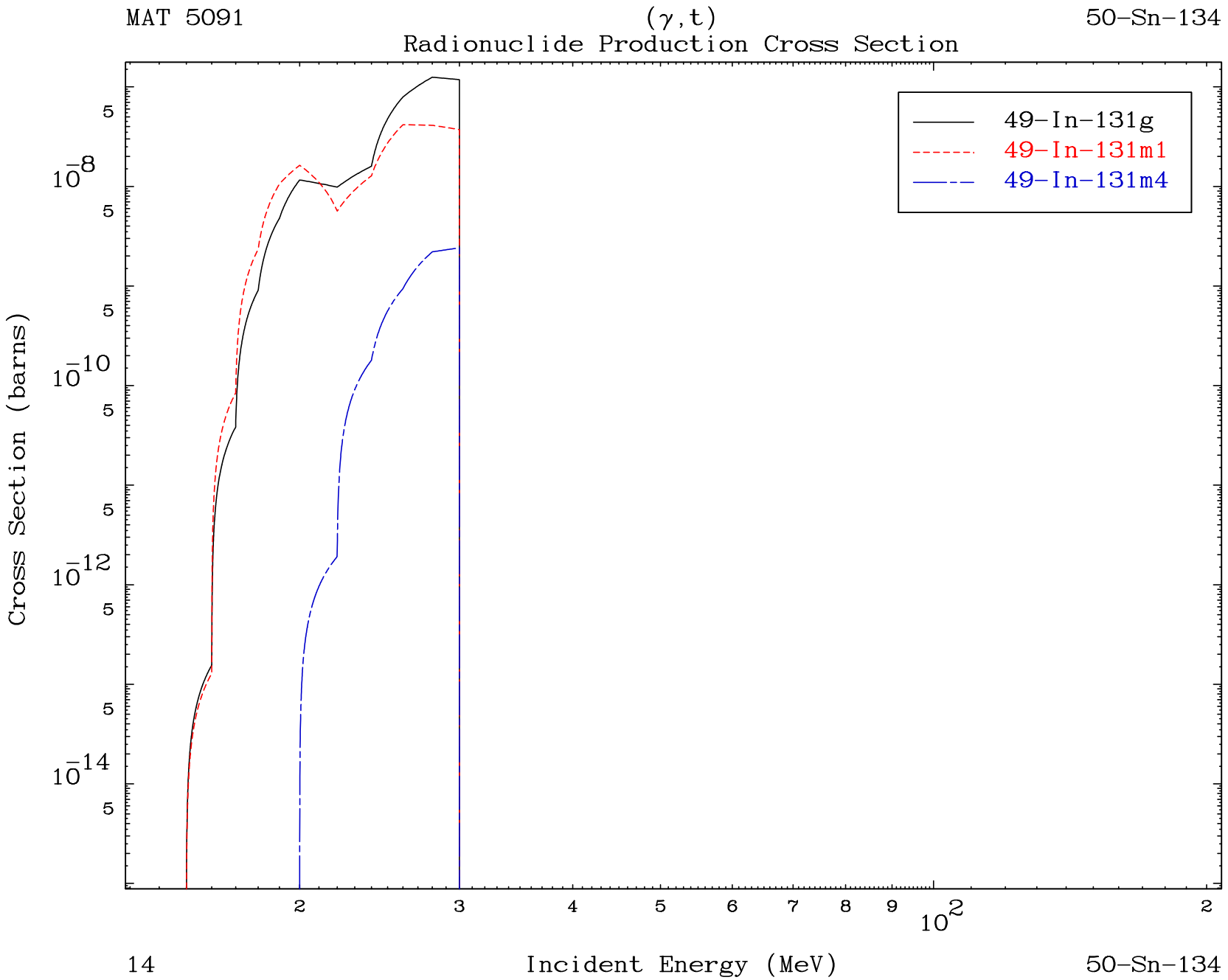

MAT 5091
(γ,n') d
50-Sn-134
Radionuclide Production Cross Section
49-In-131g
49-In-131m1
49-In-131m4
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
9
50-Sn-134


MAT 5091
(γ,n') t
50-Sn-134
Radionuclide Production Cross Section
49-In-130g
49-In-130m1
49-In-130m3
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
6
7
8
9
10^2
10
Incident Energy (MeV)
50-Sn-134


MAT 5091
(γ,4n)
50-Sn-134
Radionuclide Production Cross Section
50-Sn-130g
50-Sn-130m2
Cross Section (barns)
Incident Energy (MeV)
11
50-Sn-134


MAT 5091
(γ,2n) p
50-Sn-134
Radionuclide Production Cross Section
49-In-131g
49-In-131m1
49-In-131m4
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
3
4
6
7
8
9
10^2
2
12
Incident Energy (MeV)
50-Sn-134


MAT 5091
(γ,p)
50-Sn-134
Radionuclide Production Cross Section
49-In-133g
49-In-133m1
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)
50-Sn-134


MAT 5091
(γ,t)
50-Sn-134
Radionuclide Production Cross Section
49-In-131g
49-In-131m1
49-In-131m4
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
14
Incident Energy (MeV)
50-Sn-134