Program EVALPLOT
(Version 2021-1)
by
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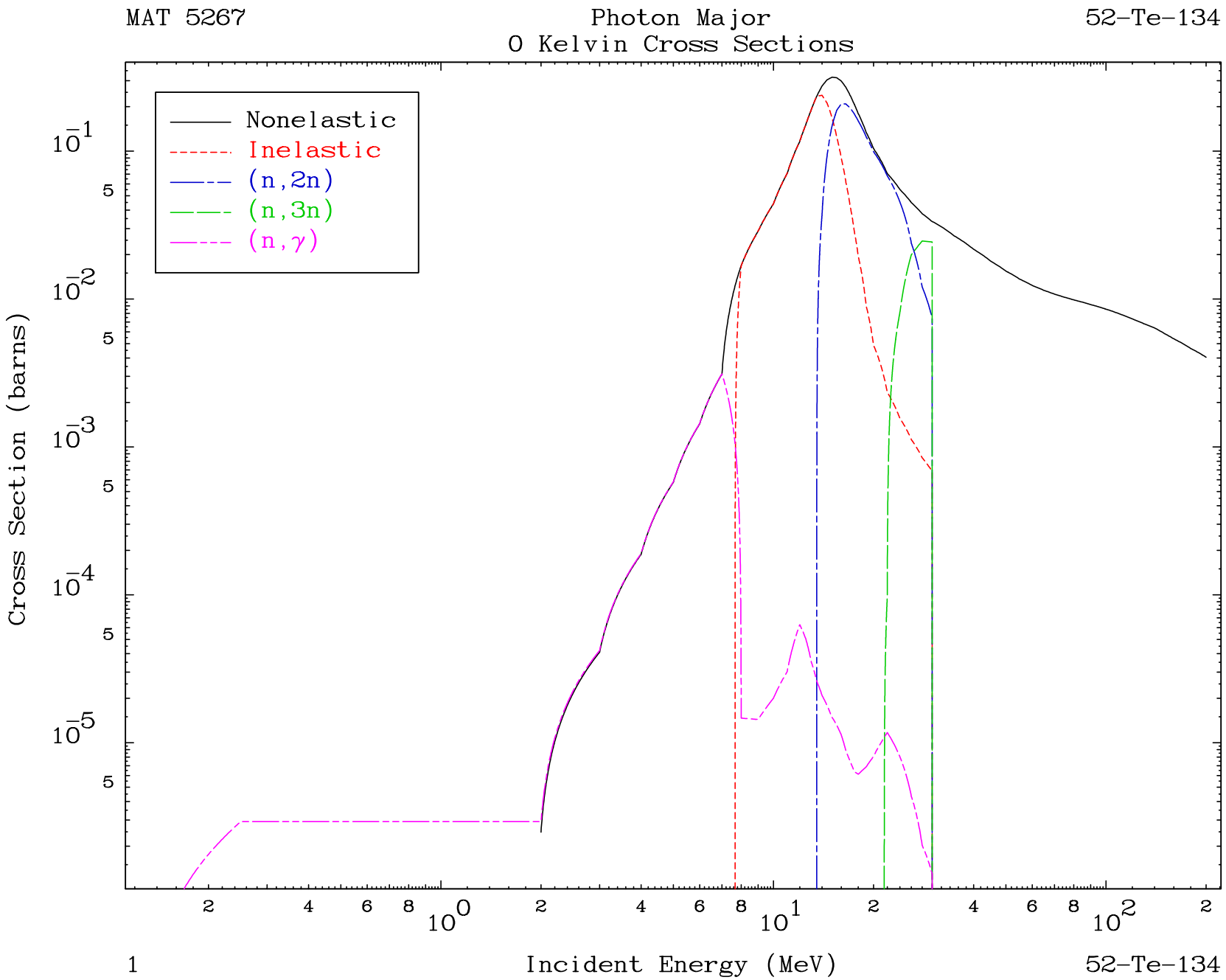
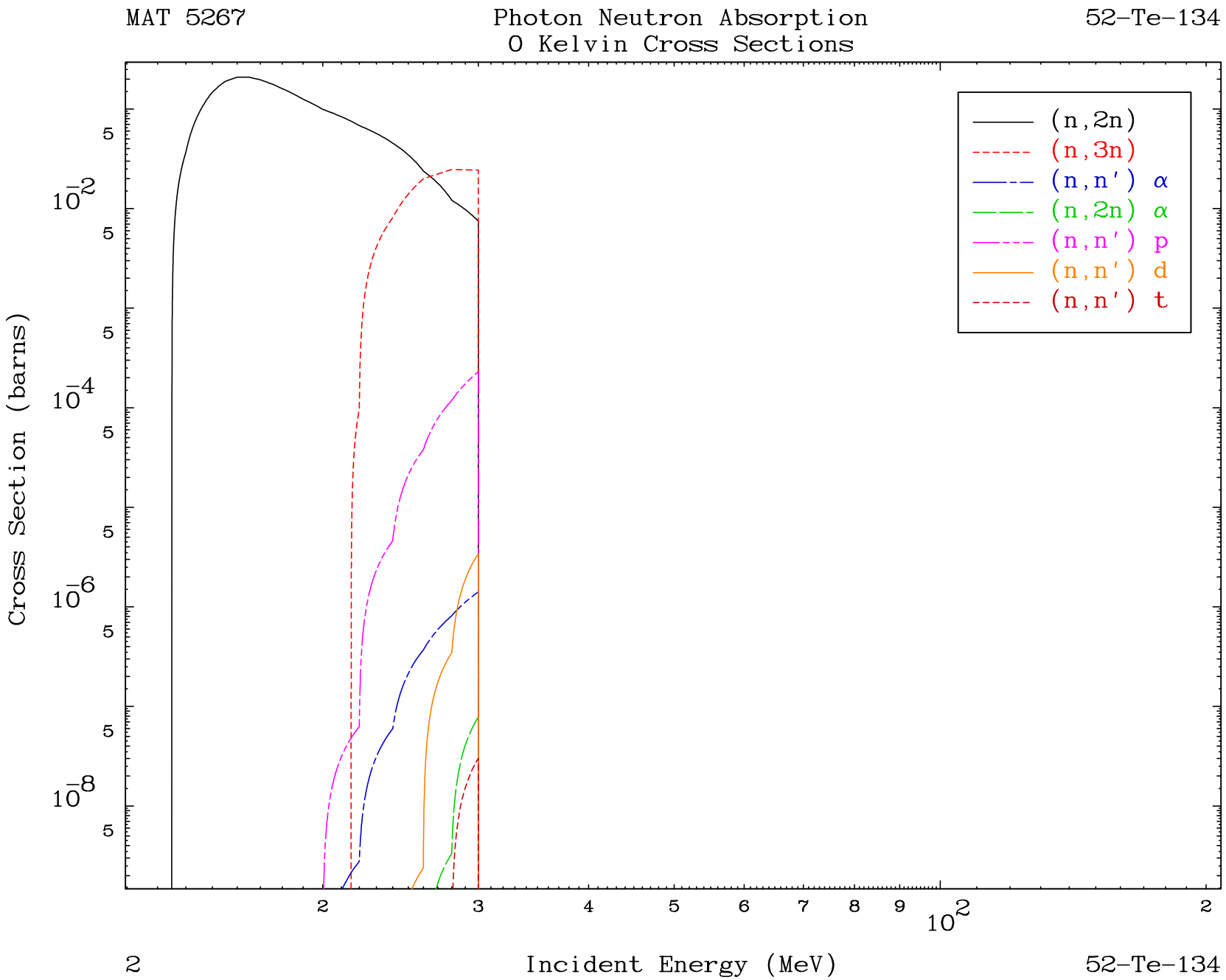
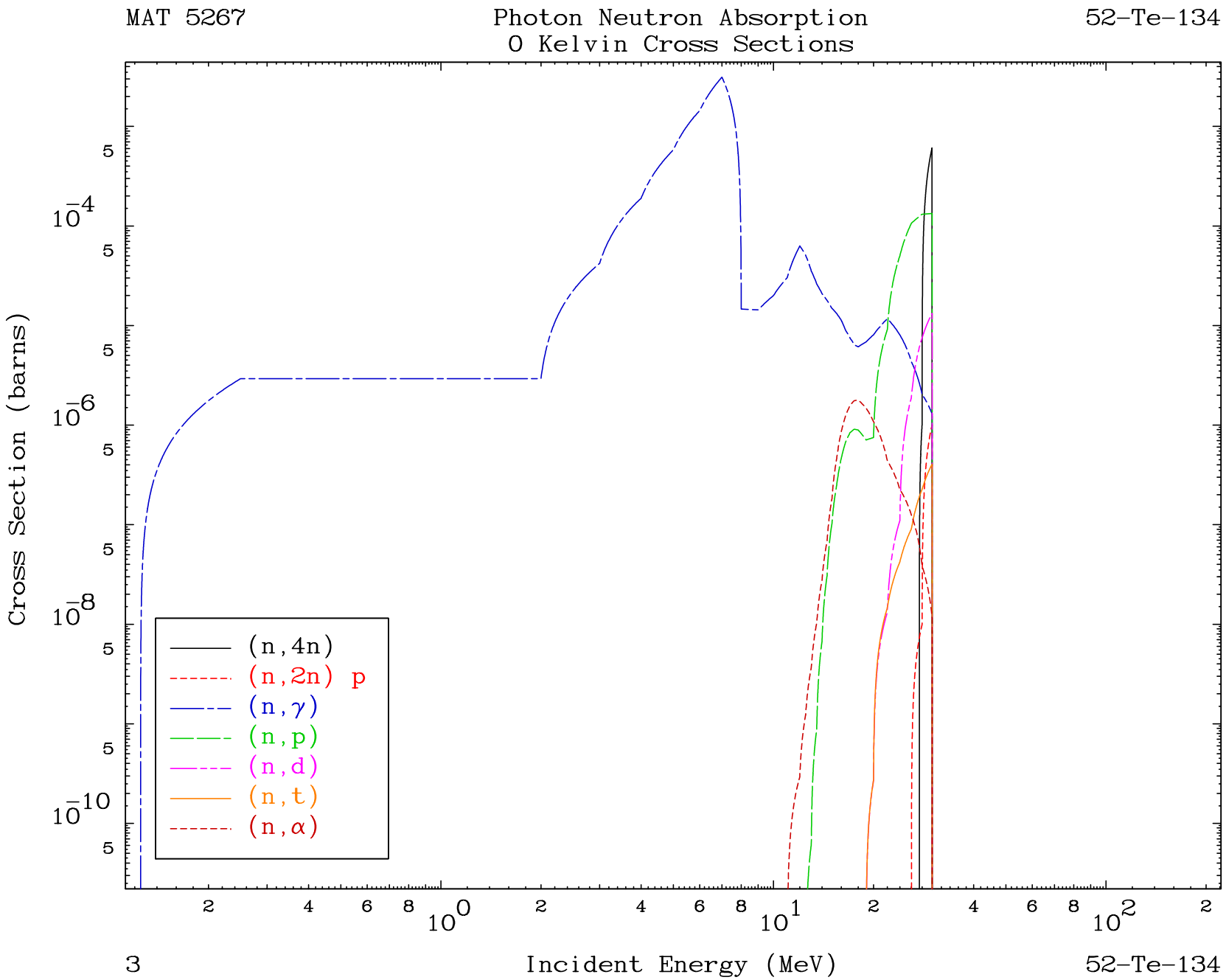
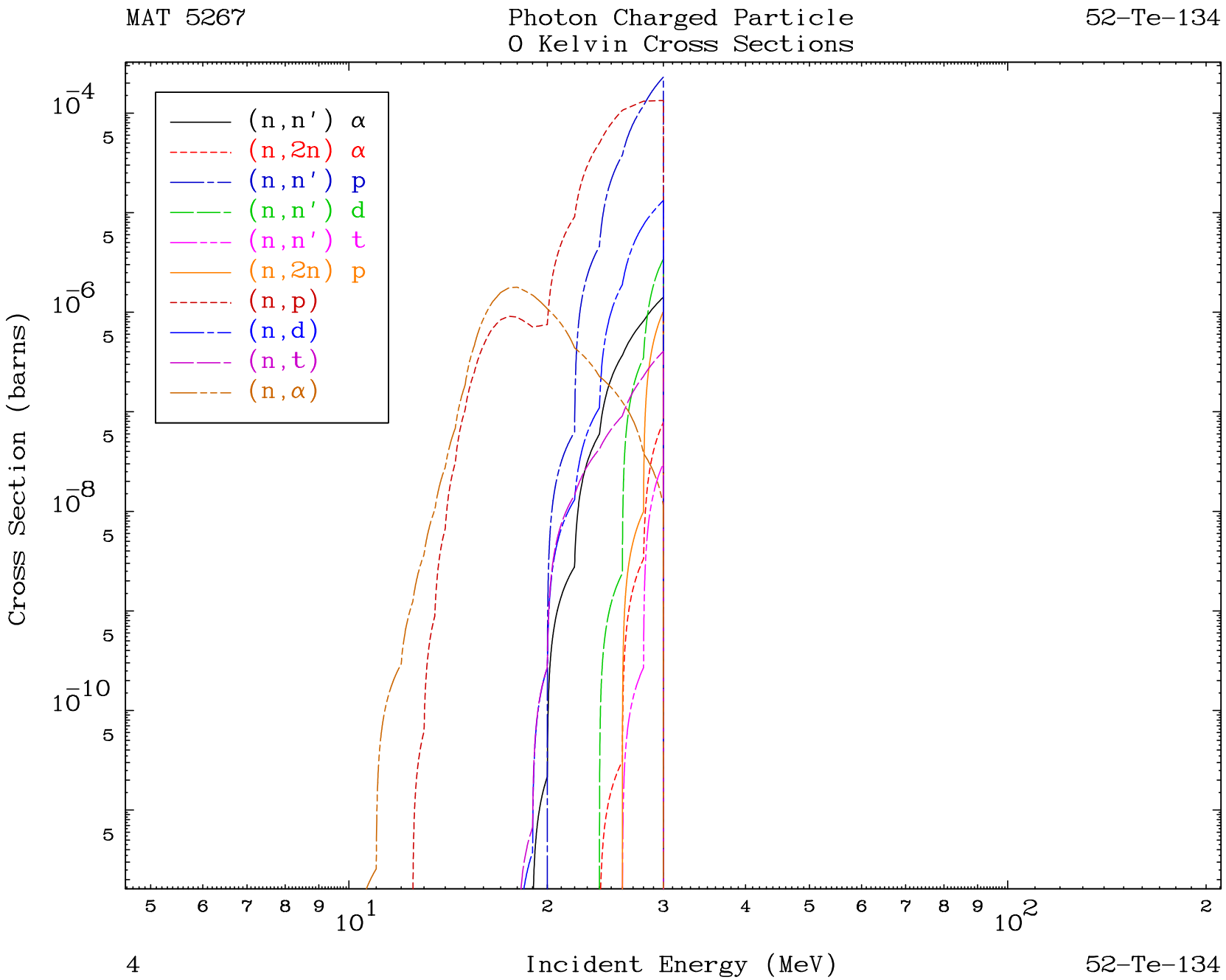
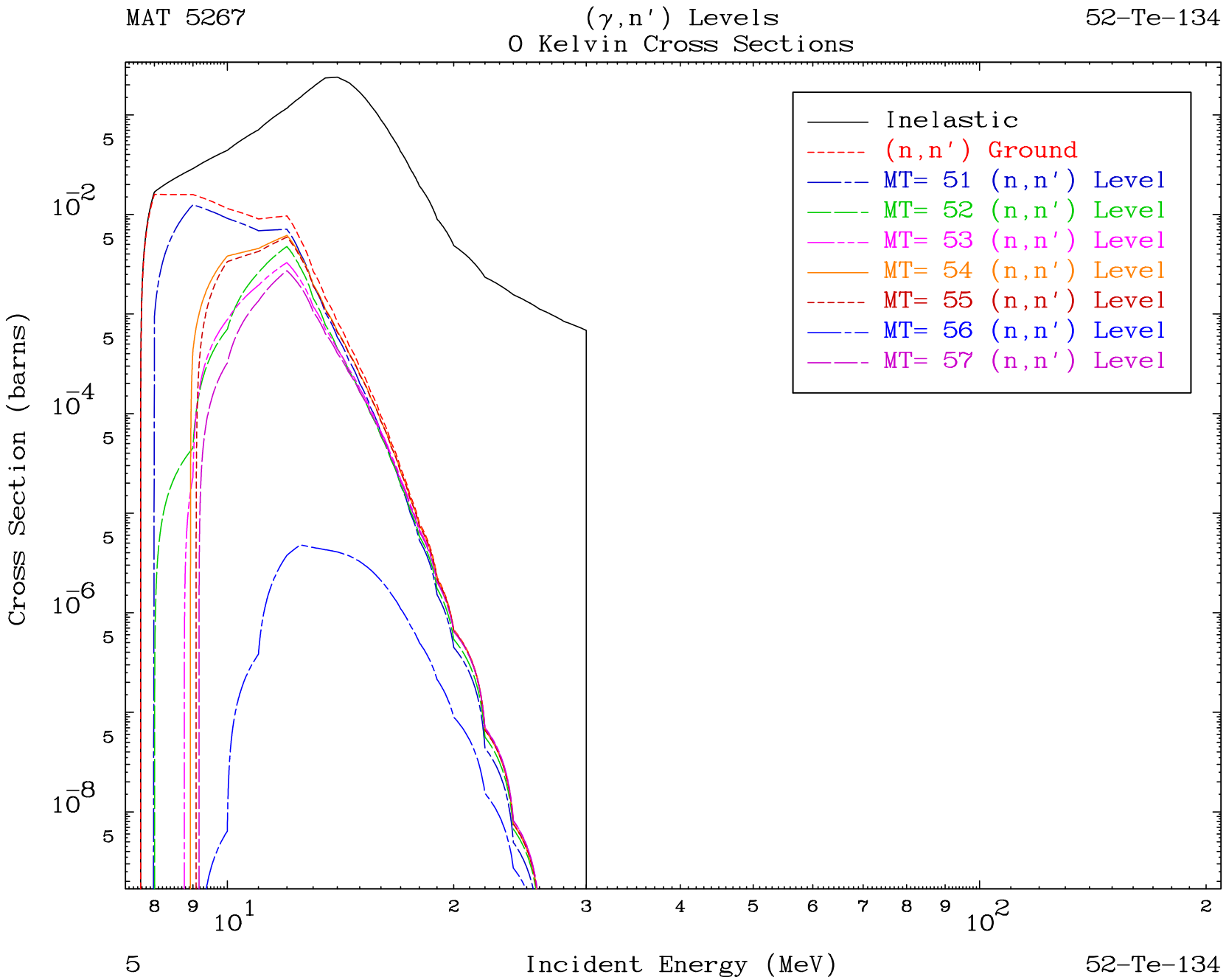
Press Mouse Button to Start

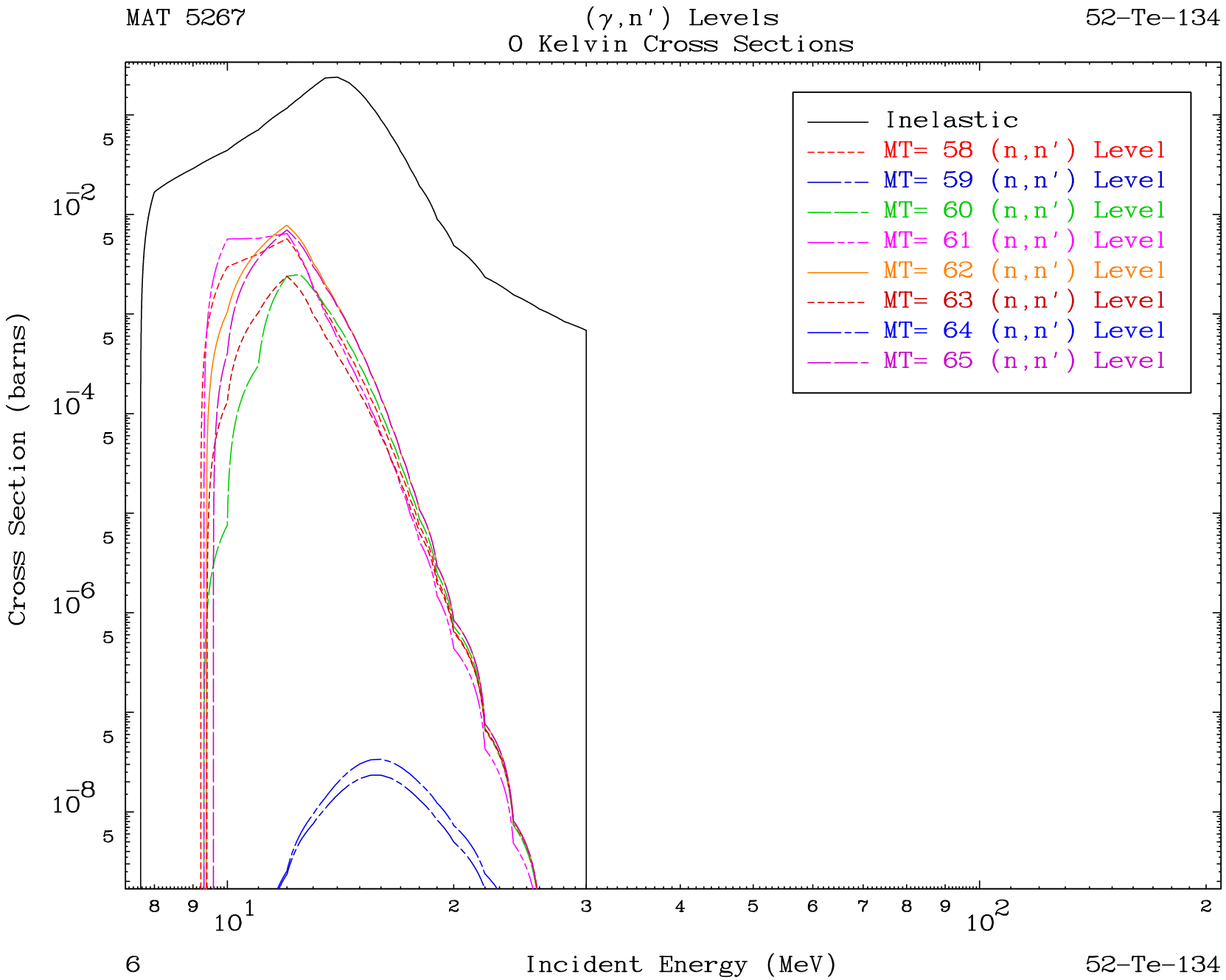

MAT 5267
Photon Major
52-Te-134
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
52-Te-134
1

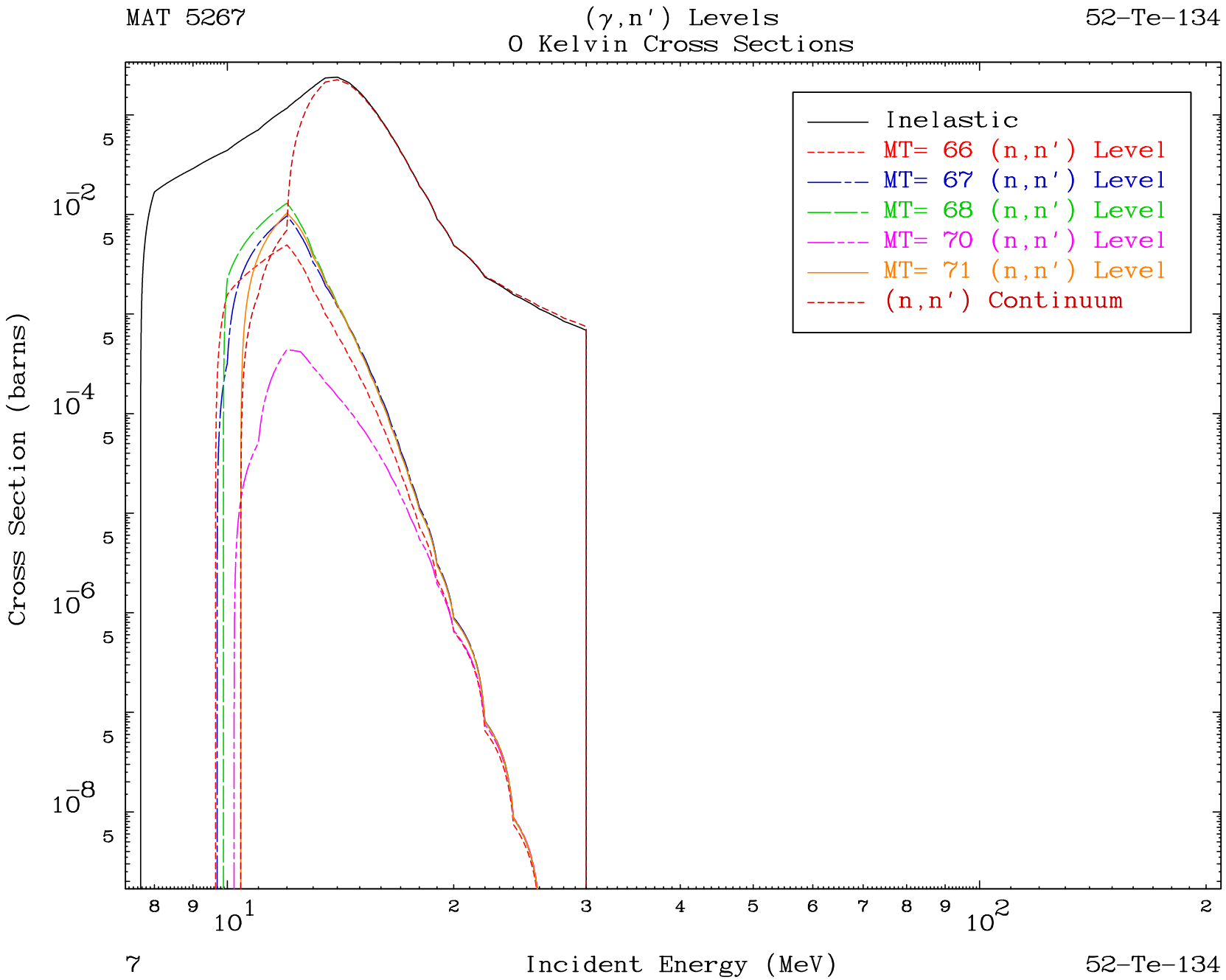

MAT 5267
Photon Neutron Absorption
0 Kelvin Cross Sections
52-Te-134
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
52-Te-134

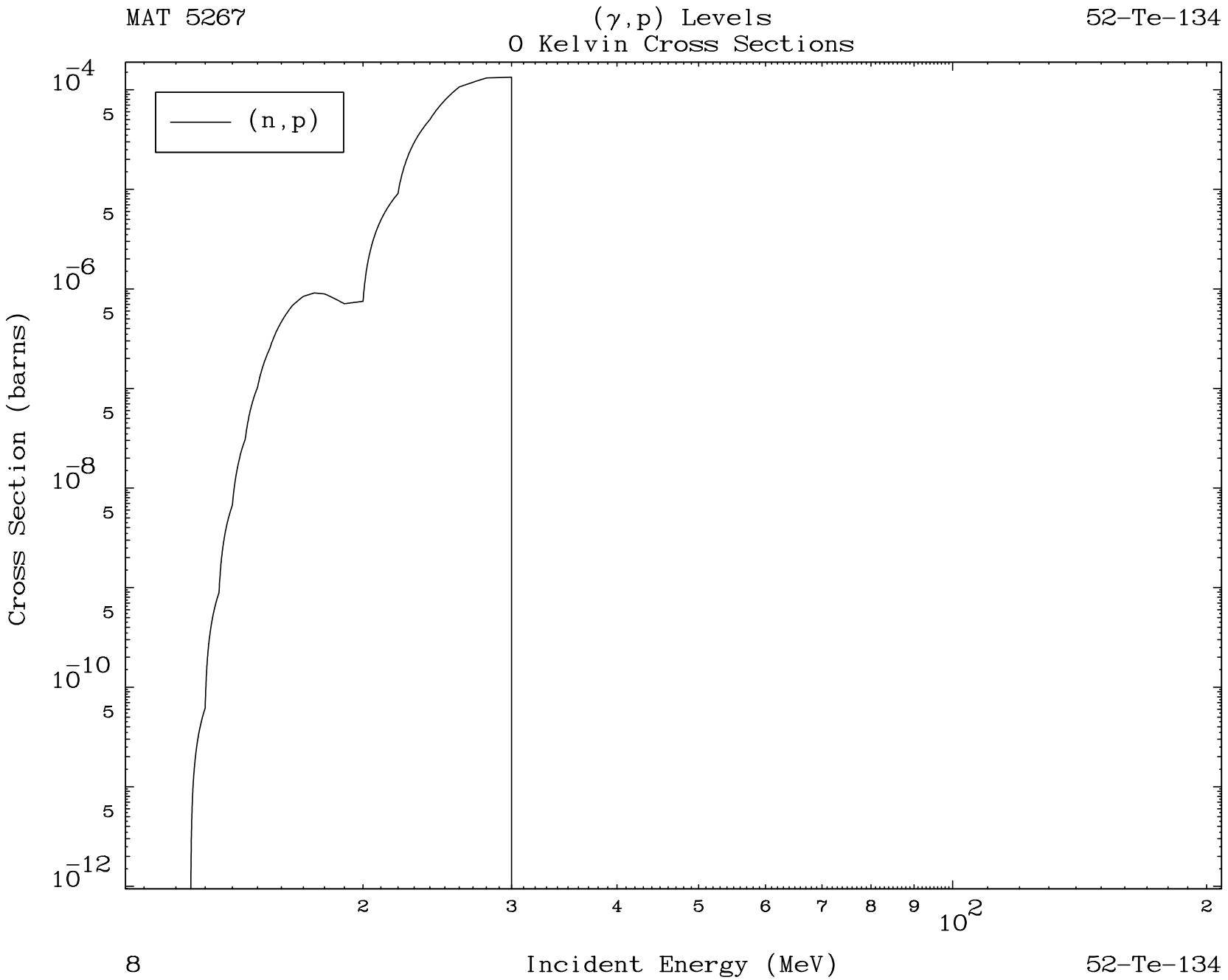

MAT 5267
Photon Neutron Absorption
0 Kelvin Cross Sections
52-Te-134
Cross Section (barns)
10-4
10-6
10-8
10-10
(n,4n)
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
2
4
6
8
100
101
102
Incident Energy (MeV)
3
52-Te-134


MAT 5267
Photon Charged Particle
0 Kelvin Cross Sections
52-Te-134
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
4
52-Te-134

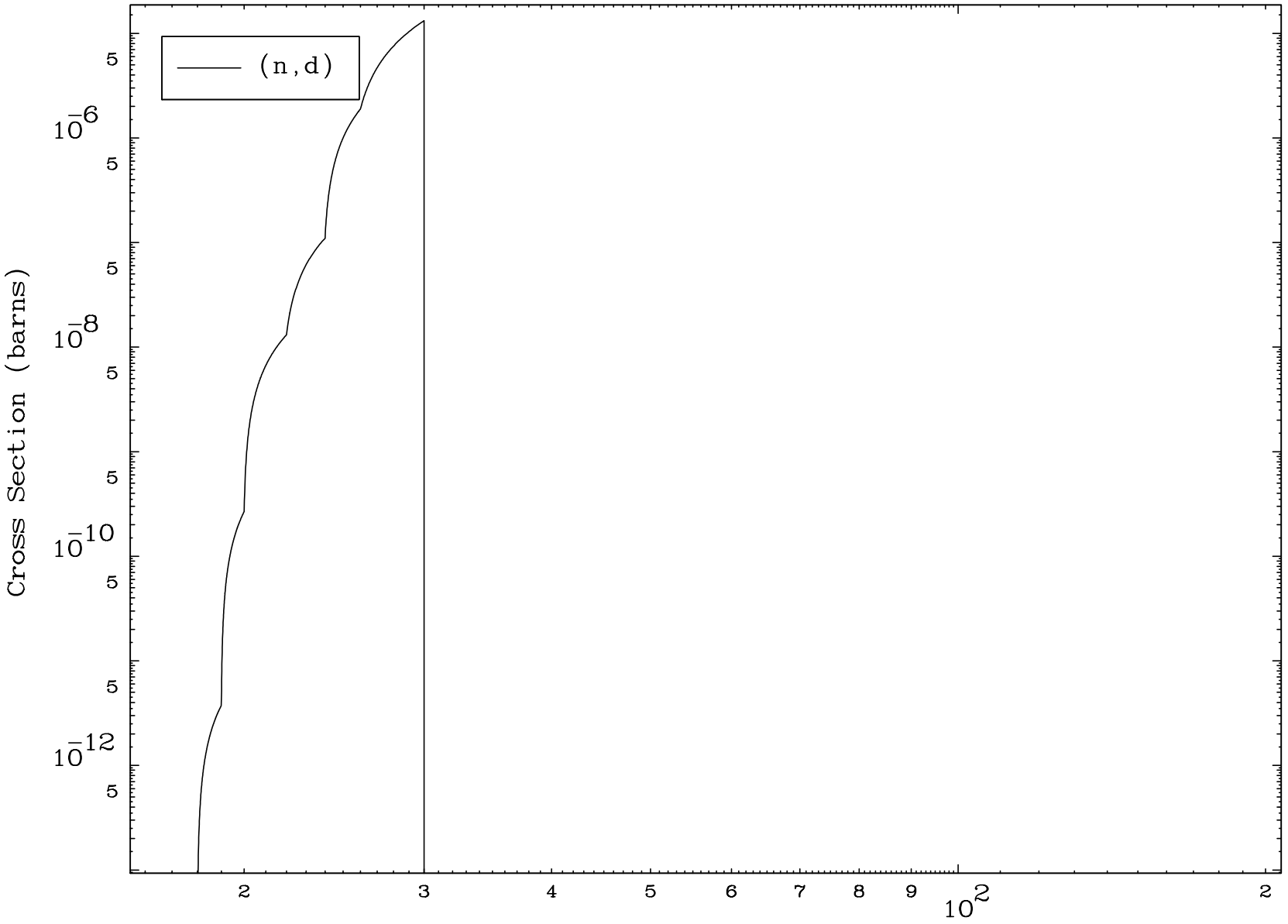

MAT 5267
(γ,n') Levels
0 Kelvin Cross Sections
52-Te-134
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
MT= 52 (n,n') Level
MT= 53 (n,n') Level
MT= 54 (n,n') Level
MT= 55 (n,n') Level
MT= 56 (n,n') Level
MT= 57 (n,n') Level
Cross Section (barns)
Incident Energy (MeV)
52-Te-134

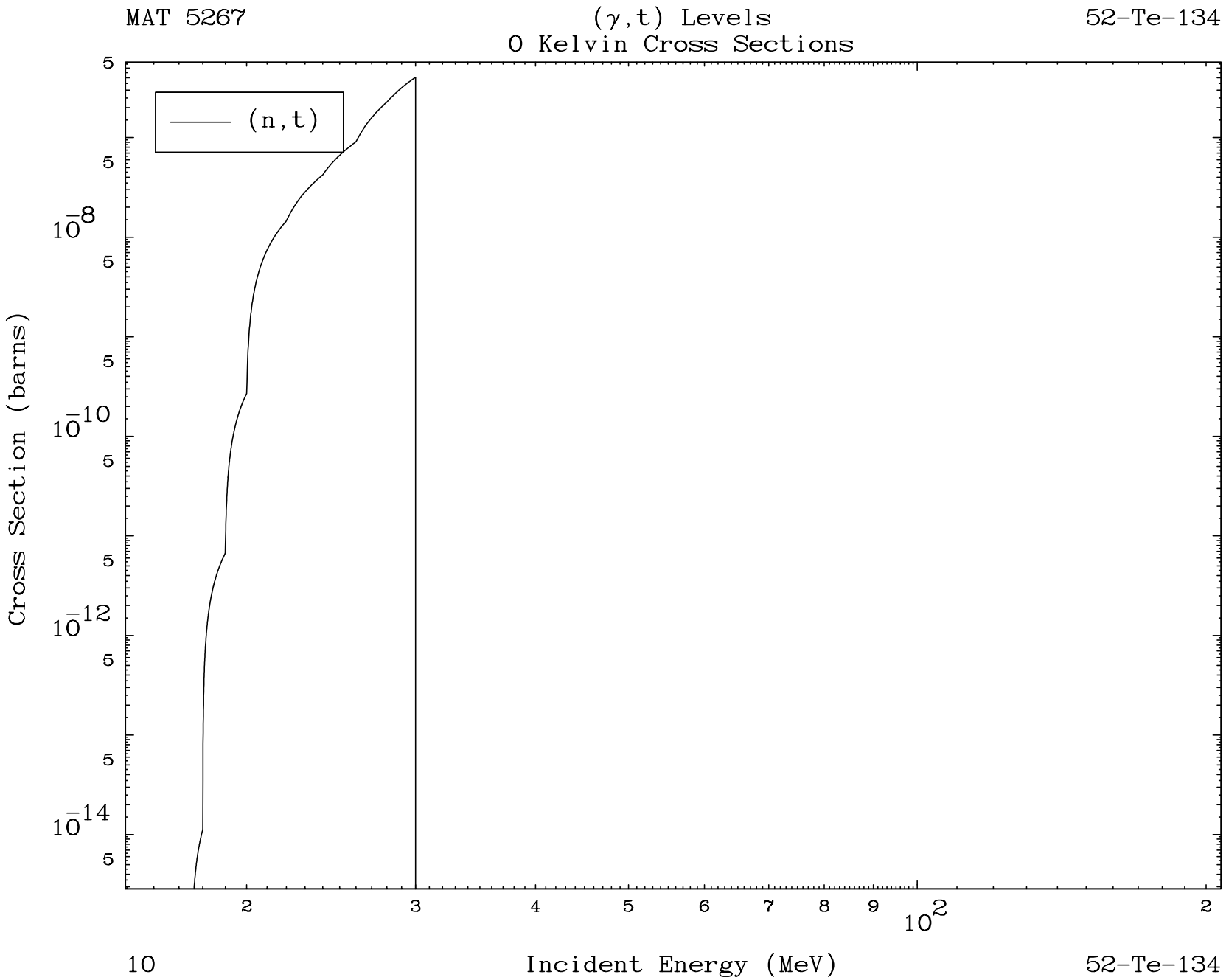

MAT 5267
(γ,n') Levels
0 Kelvin Cross Sections
52-Te-134
Inelastic
MT= 58 (n,n') Level
MT= 59 (n,n') Level
MT= 60 (n,n') Level
MT= 61 (n,n') Level
MT= 62 (n,n') Level
MT= 63 (n,n') Level
MT= 64 (n,n') Level
MT= 65 (n,n') Level
Cross Section (barns)
Incident Energy (MeV)
6
52-Te-134

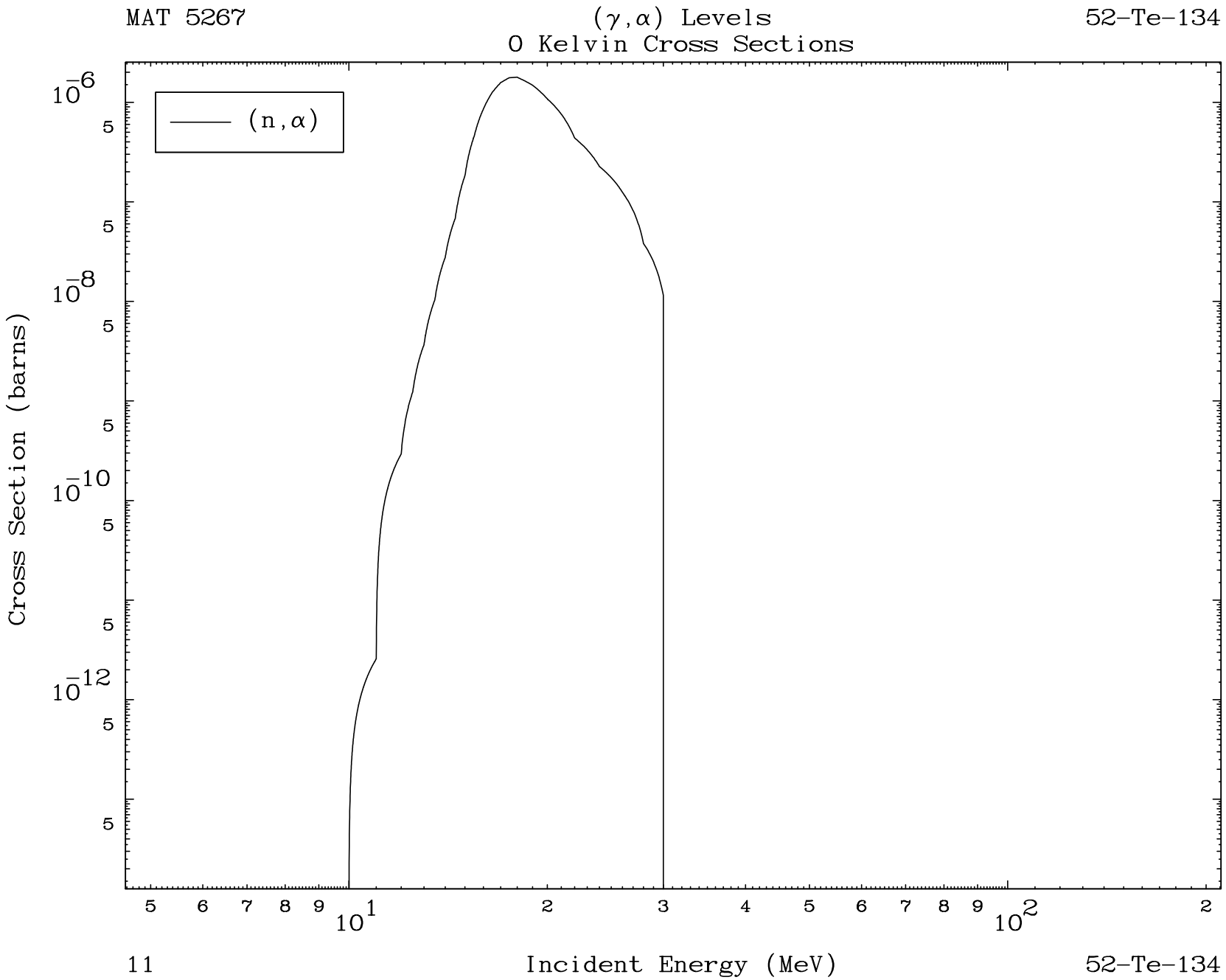

MAT 5267
(γ,n') Levels
0 Kelvin Cross Sections
52-Te-134
Inelastic
MT= 66 (n,n') Level
MT= 67 (n,n') Level
MT= 68 (n,n') Level
MT= 70 (n,n') Level
MT= 71 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
52-Te-134
7

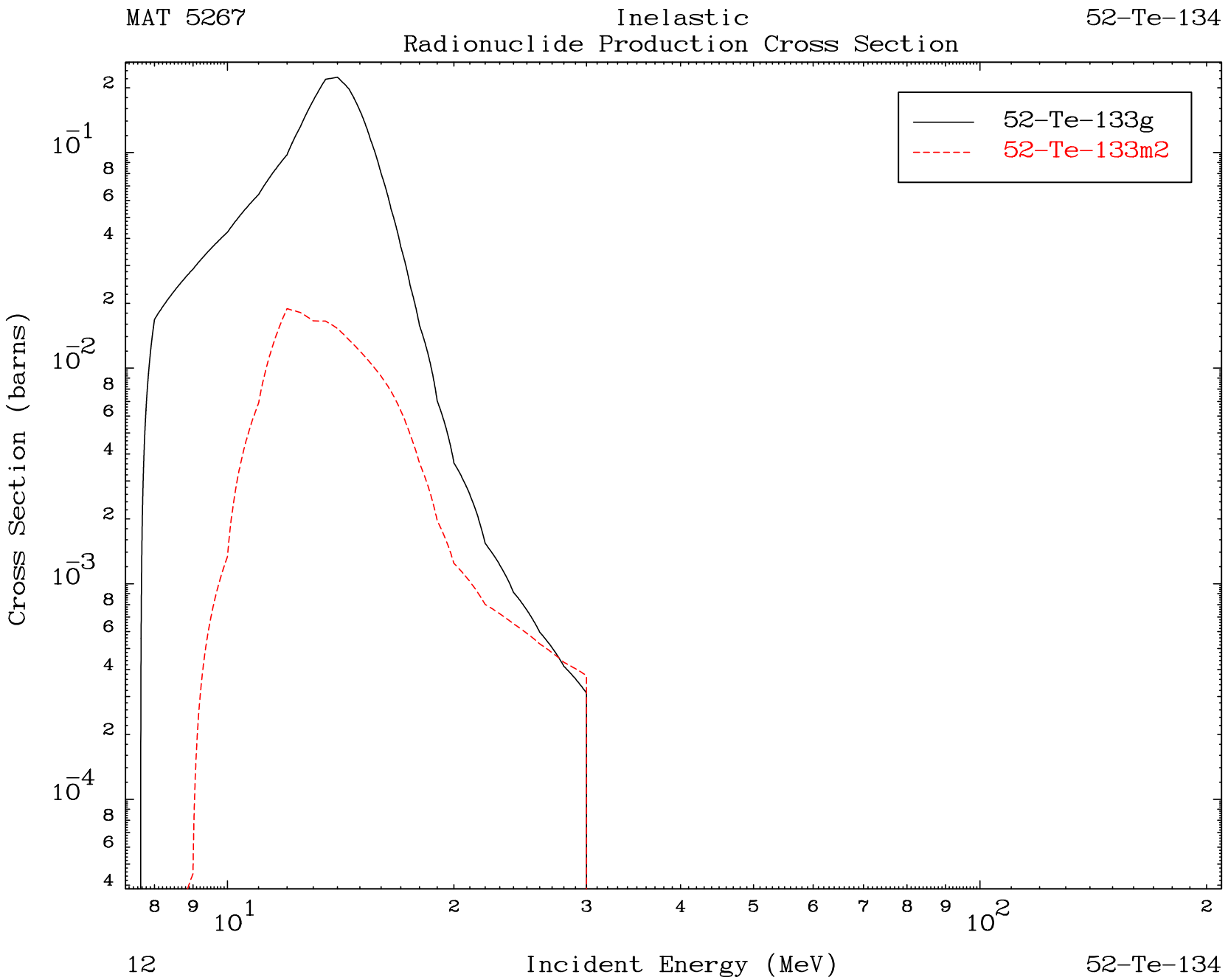

MAT 5267
(γ,p) Levels
52-Te-134
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
8
52-Te-134

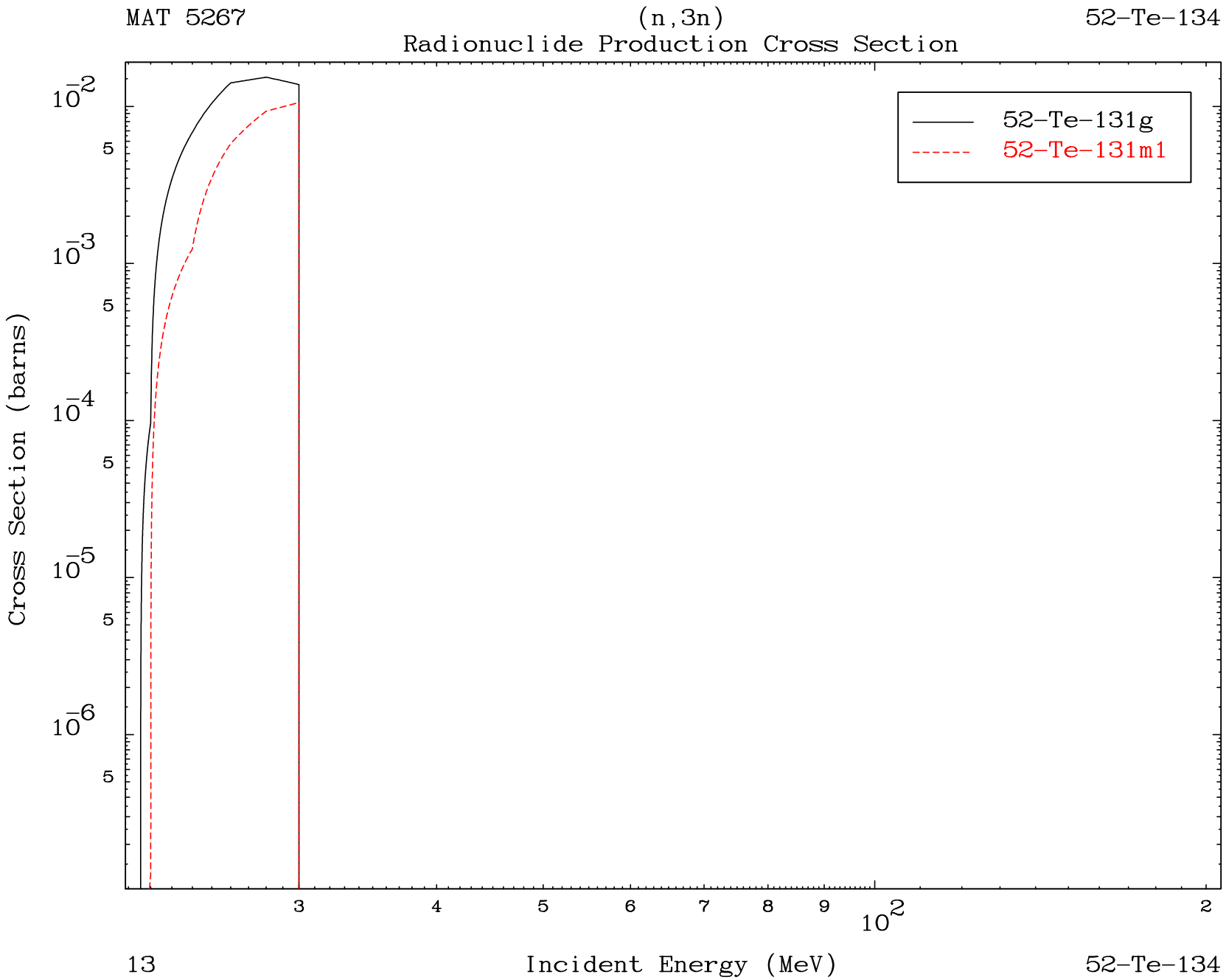
0 Kelvin Cross Sections

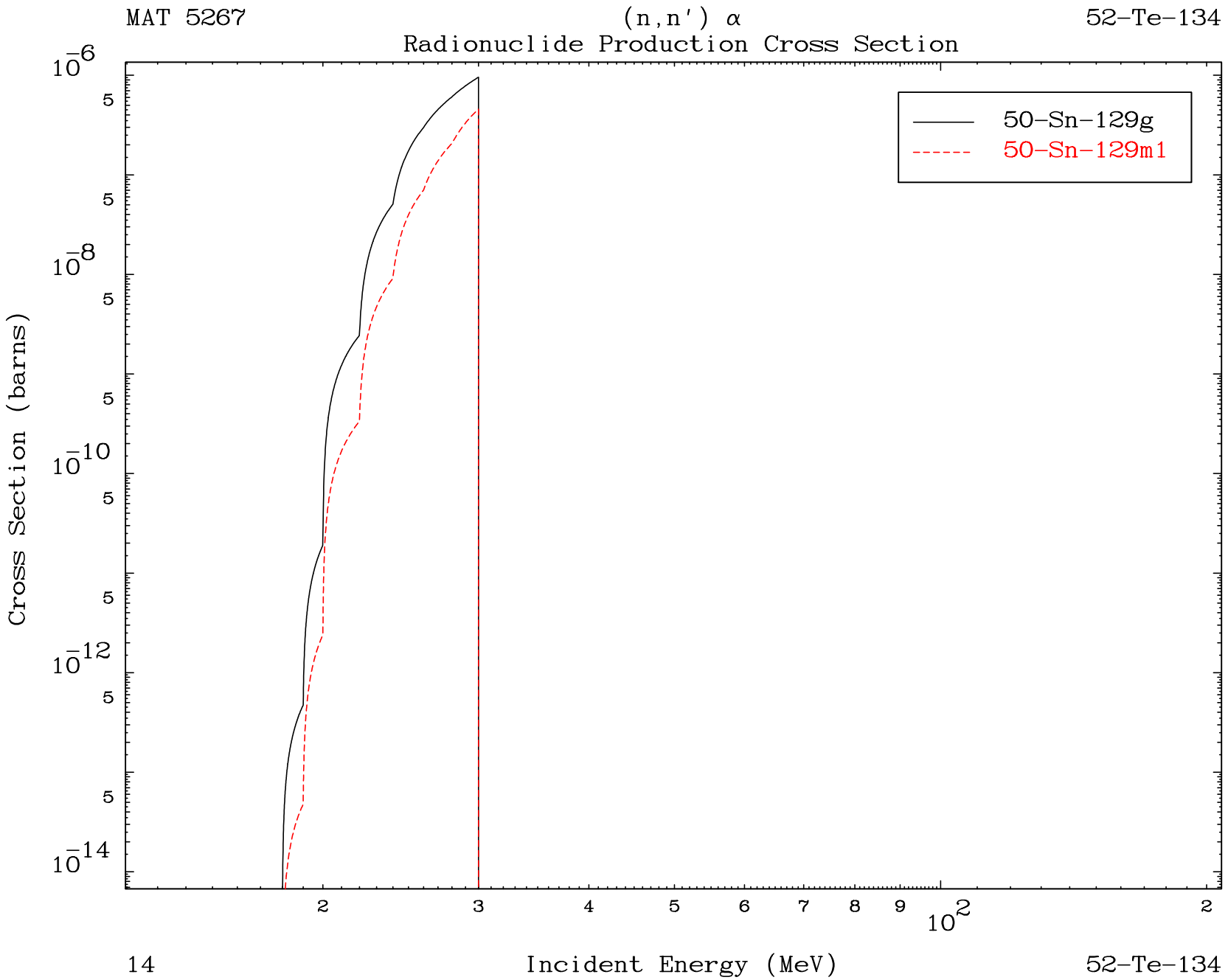


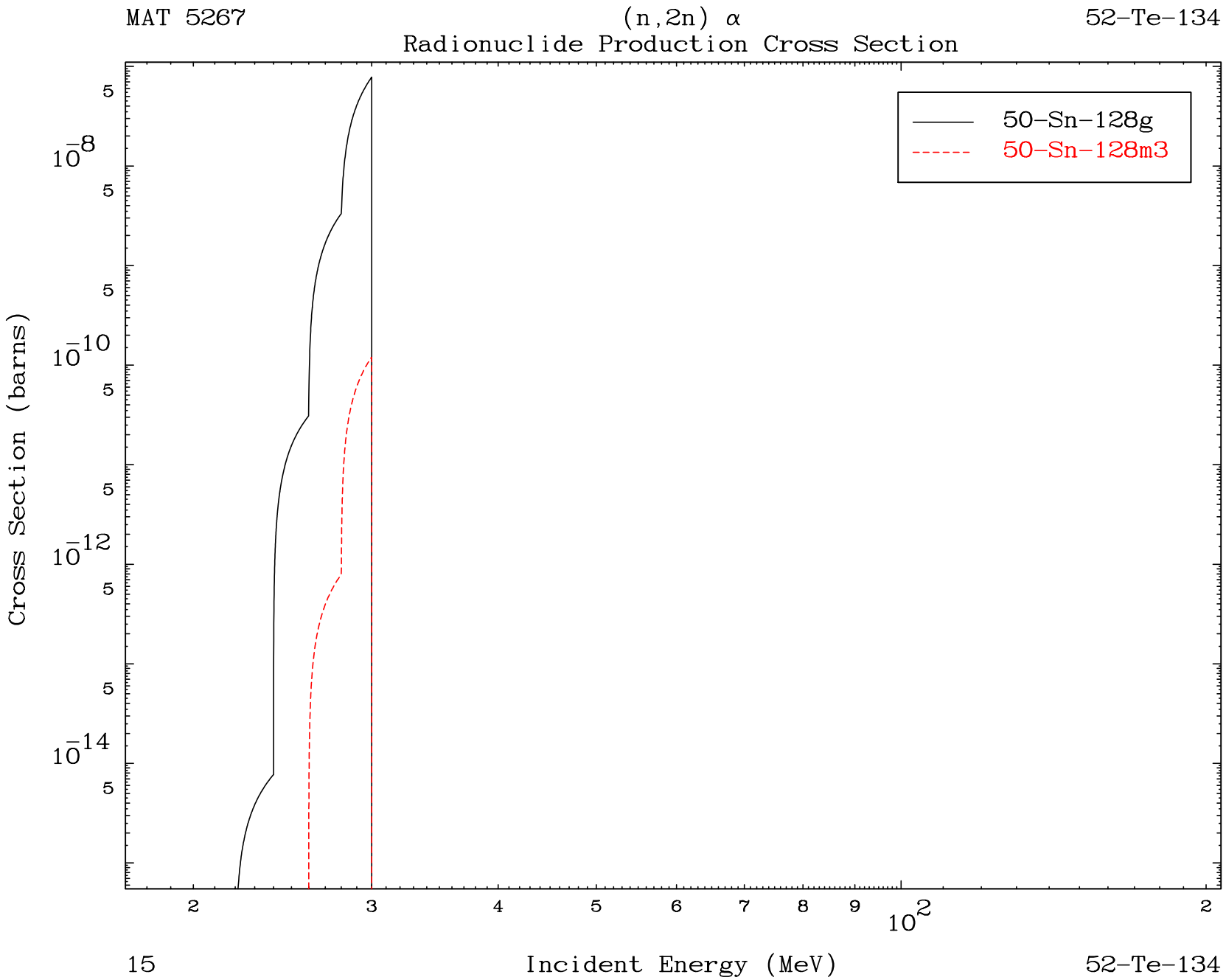

MAT 5267
(γ,t) Levels
52-Te-134
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
52-Te-134

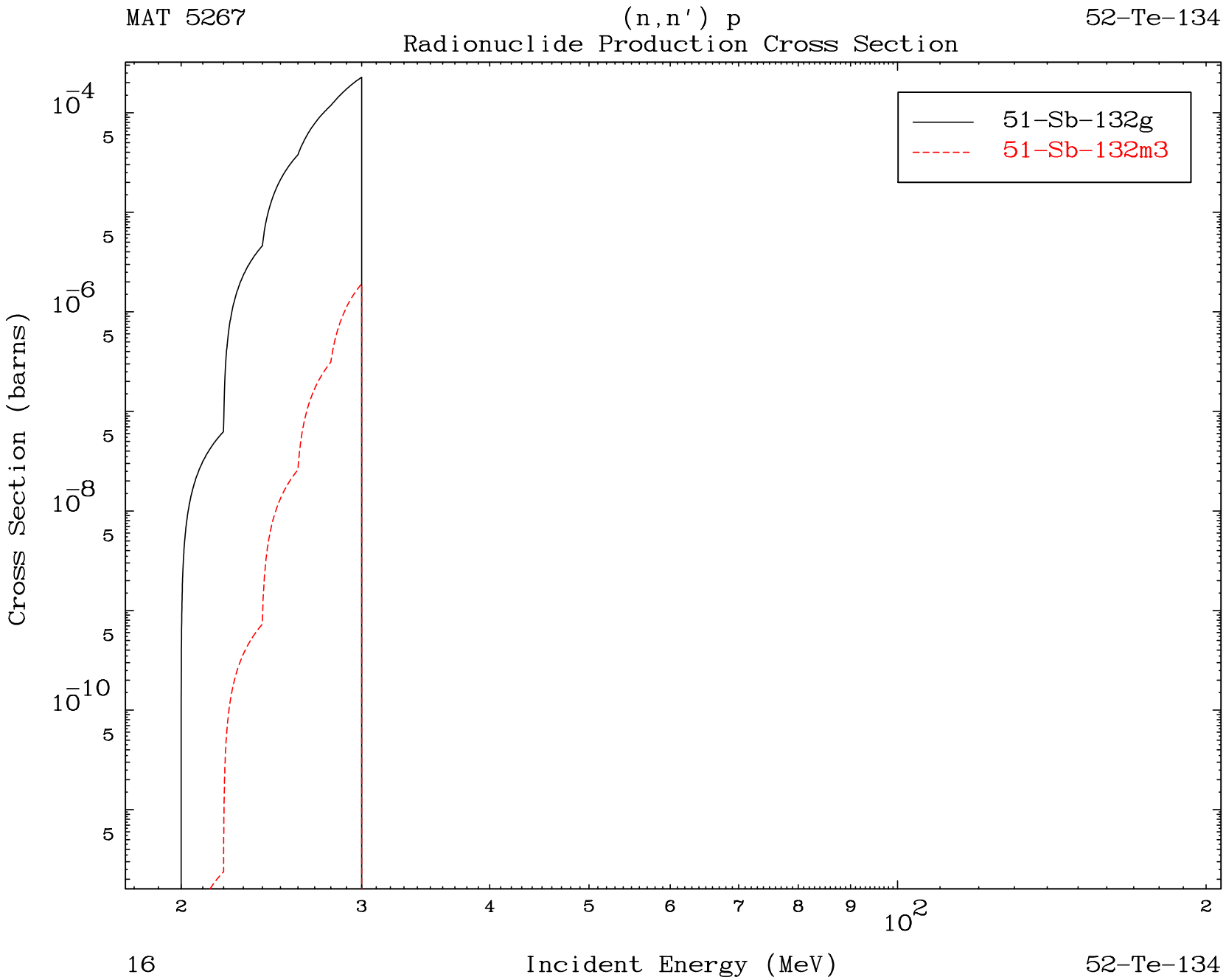

MAT 5267
(γ,α) Levels
52-Te-134
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
11
Incident Energy (MeV)
52-Te-134

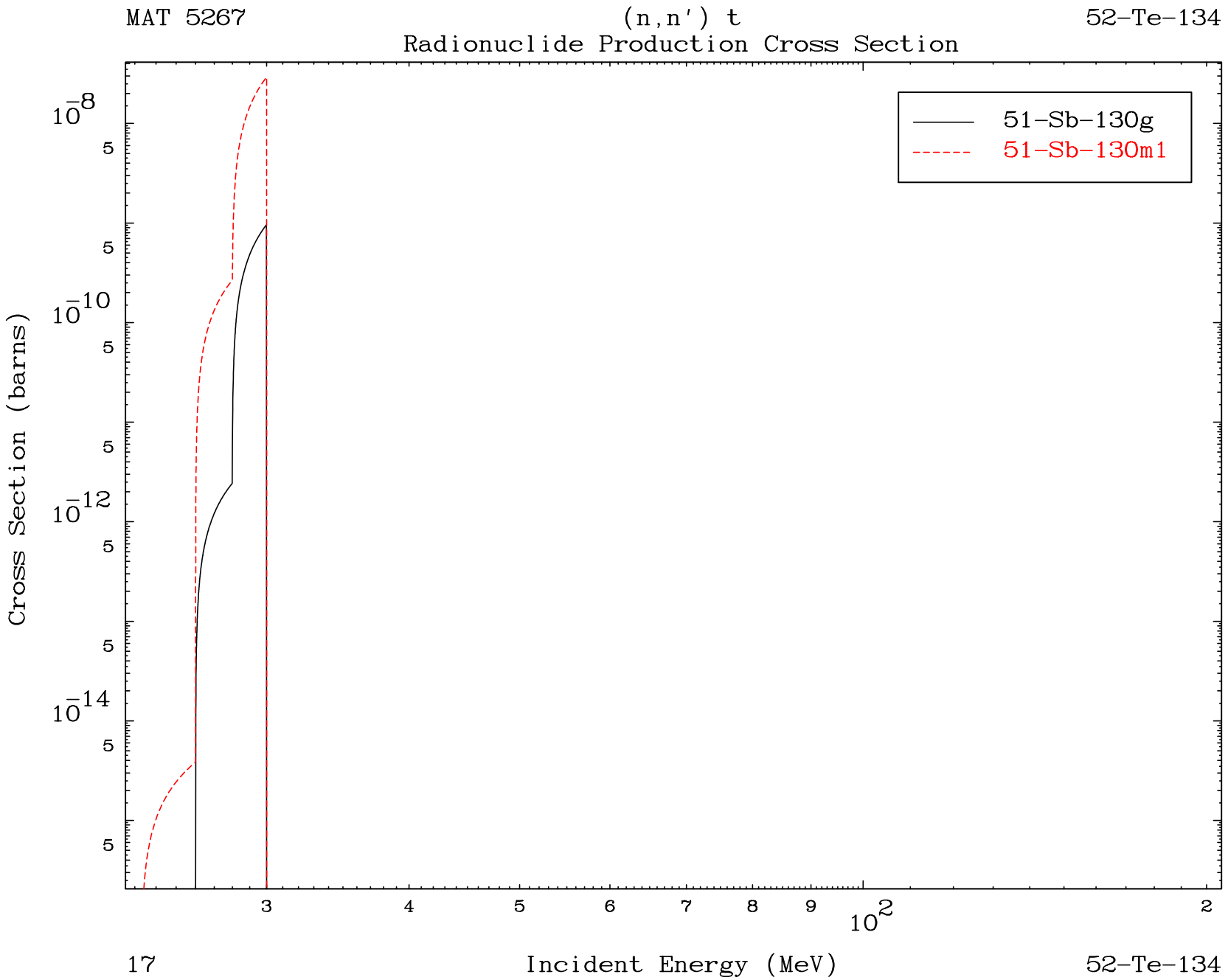

MAT 5267
Inelastic
52-Te-134
Radionuclide Production Cross Section
52-Te-133g
52-Te-133m2
Cross Section (barns)
Incident Energy (MeV)
12
52-Te-134

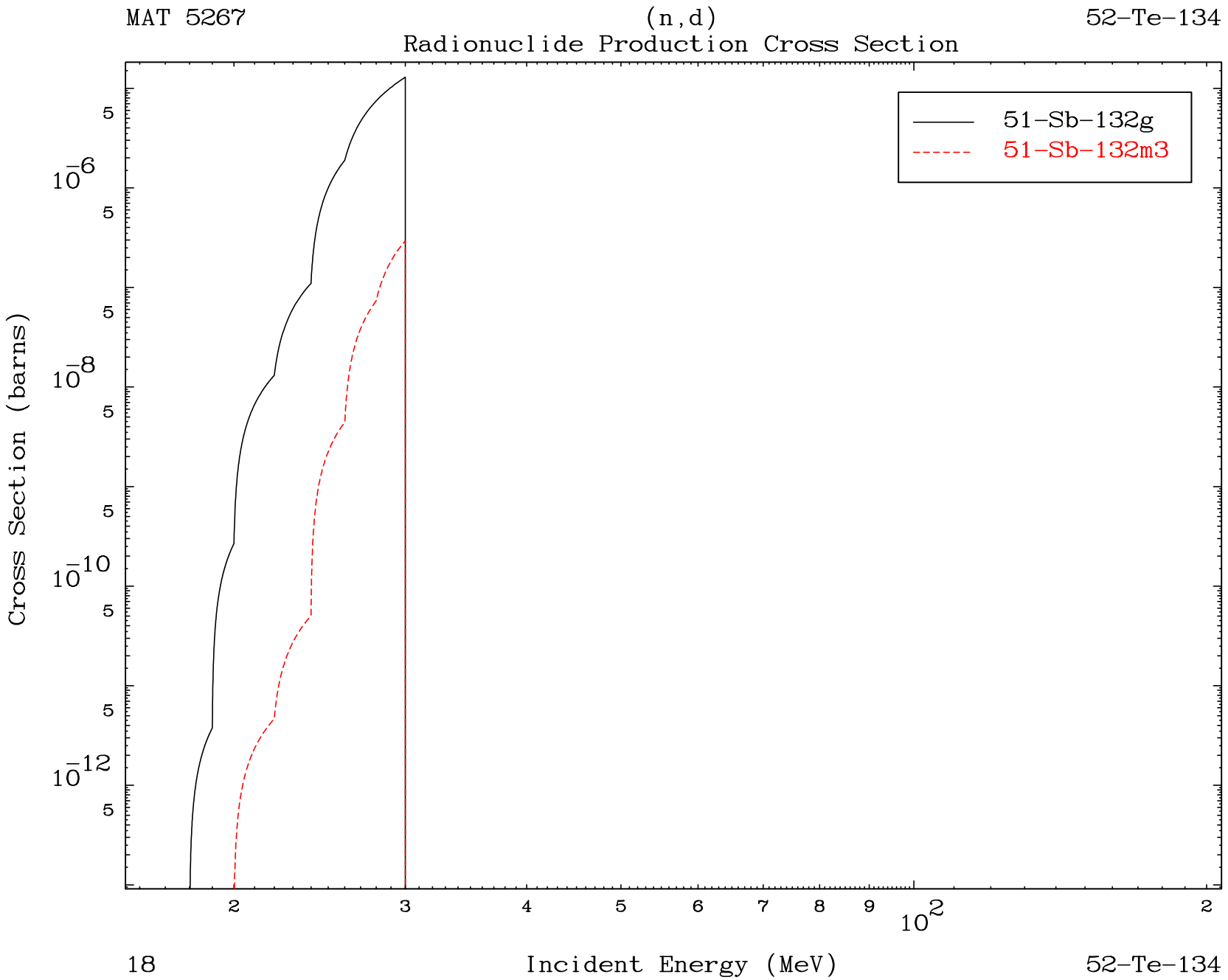

MAT 5267
(n,3n)
52-Te-134
Radionuclide Production Cross Section
52-Te-131g
52-Te-131m1
Cross Section (barns)
10-2
10-3
10-4
10-5
10-6
5
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
52-Te-134

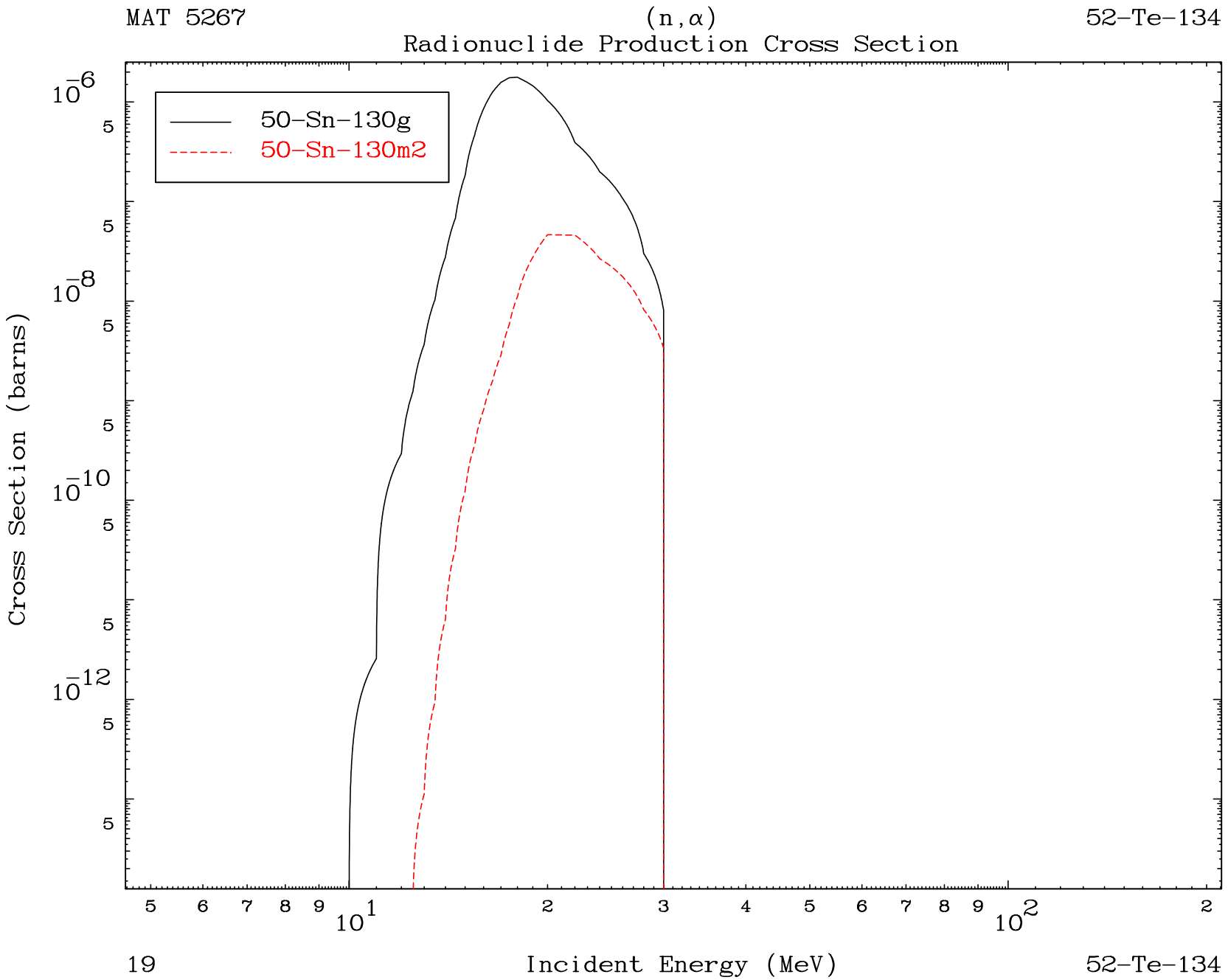

MAT 5267
(n,n') α
52-Te-134
Radionuclide Production Cross Section
50-Sn-129g
50-Sn-129m1
Cross Section (barns)
Incident Energy (MeV)
14
52-Te-134


MAT 5267
(n,2n) α
52-Te-134
Radionuclide Production Cross Section
50-Sn-128g
50-Sn-128m3
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
52-Te-134


MAT 5267
(n,n') p
52-Te-134
Radionuclide Production Cross Section
51-Sb-132g
51-Sb-132m3
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
16
52-Te-134


MAT 5267
(n,n') t
52-Te-134
Radionuclide Production Cross Section
51-Sb-130g
51-Sb-130m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
3
4
5
6
7
8
9
10 2
2
17
Incident Energy (MeV)
52-Te-134


MAT 5267
(n,d)
52-Te-134
Radionuclide Production Cross Section
51-Sb-132g
51-Sb-132m3
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
18
Incident Energy (MeV)
52-Te-134


MAT 5267
(n,α)
52-Te-134
Radionuclide Production Cross Section
50-Sn-130g
50-Sn-130m2
Cross Section (barns)
Incident Energy (MeV)
19
52-Te-134