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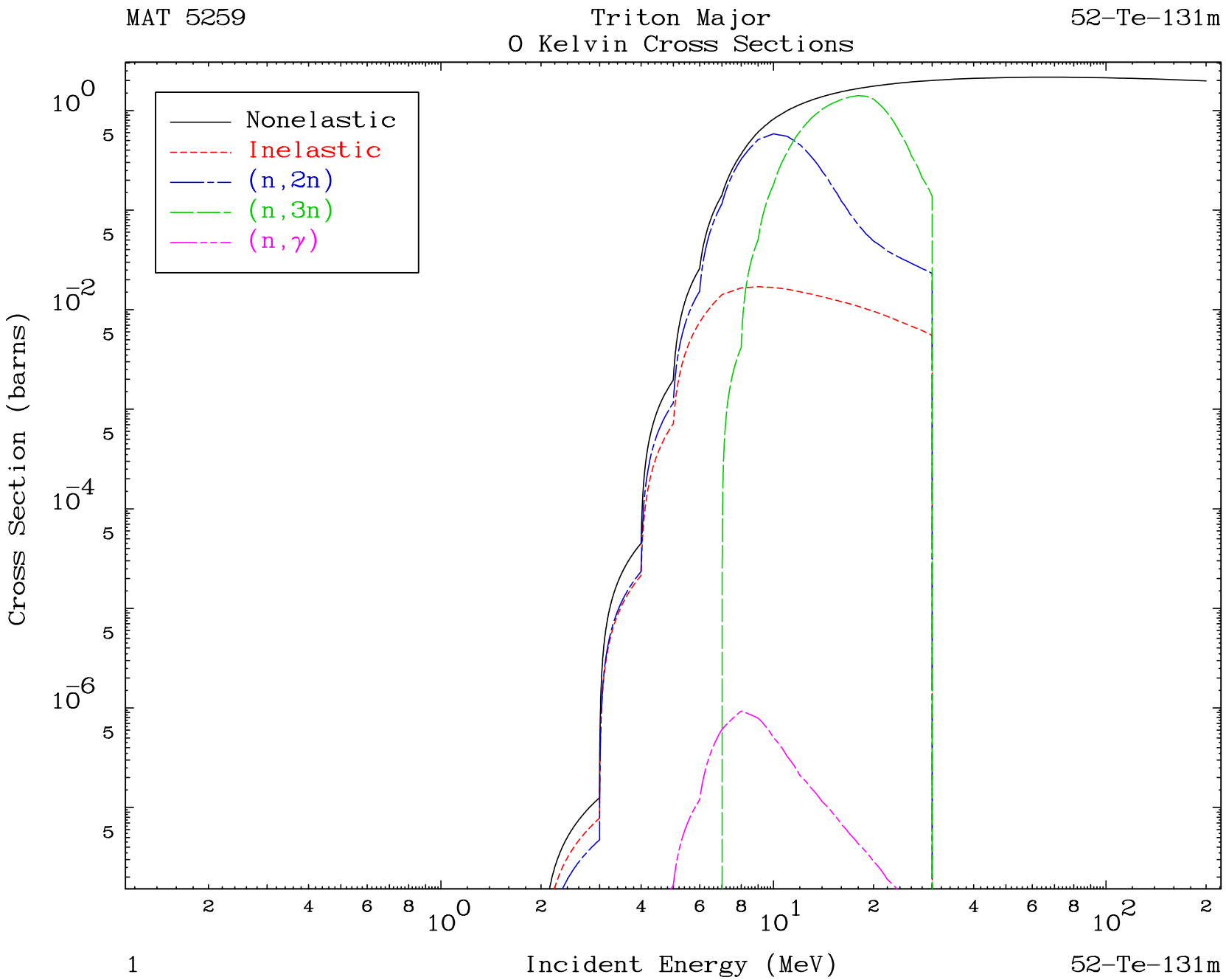
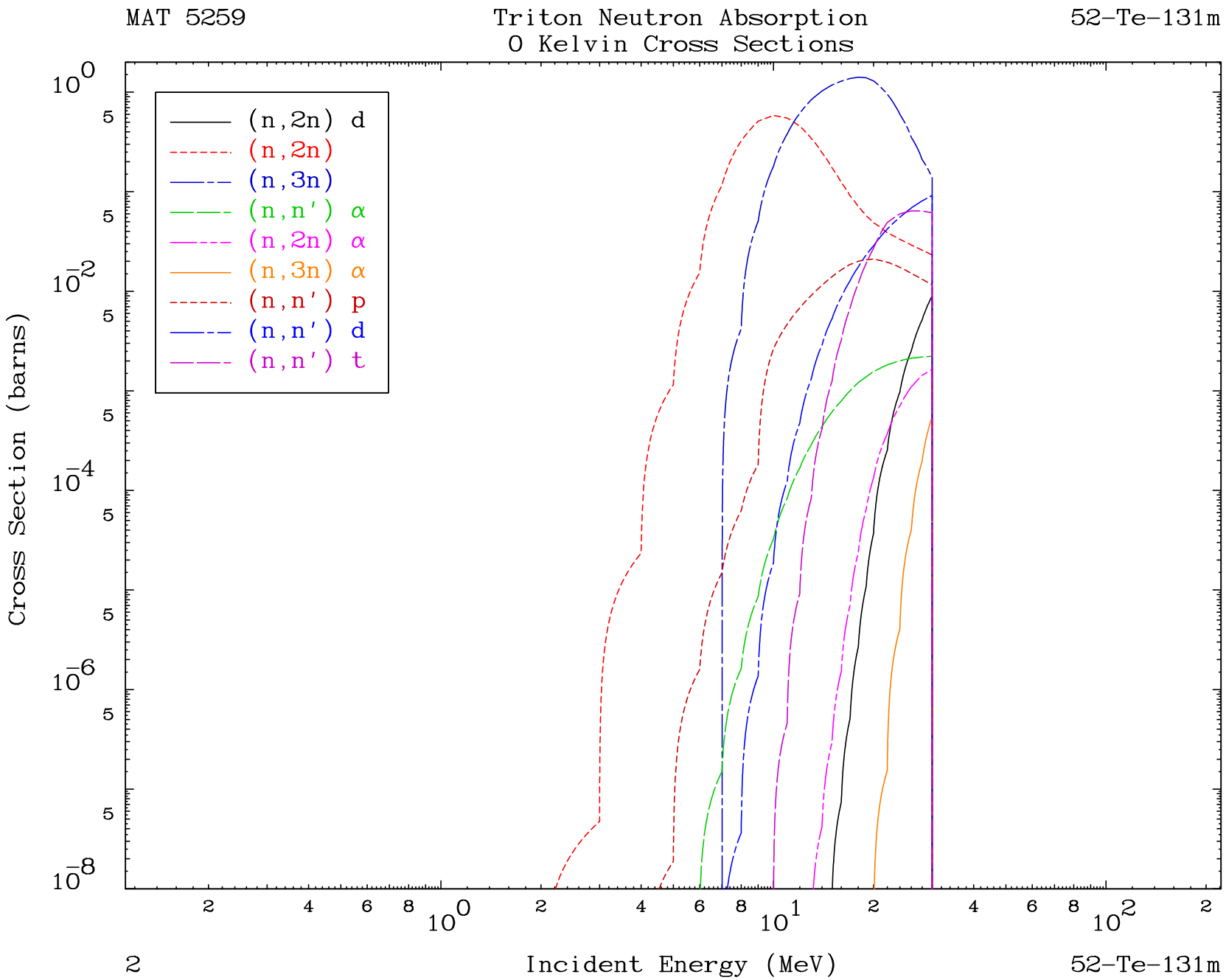
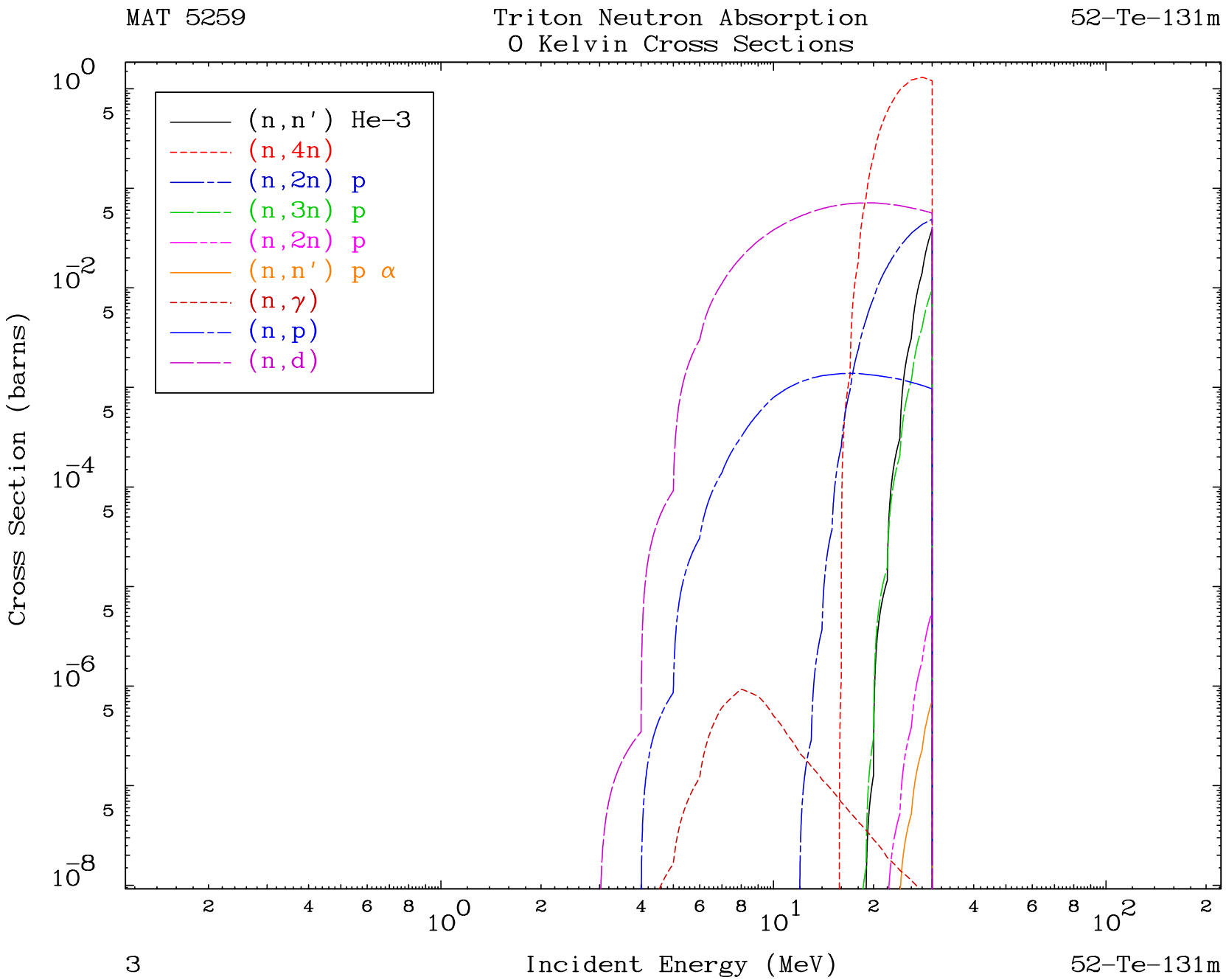
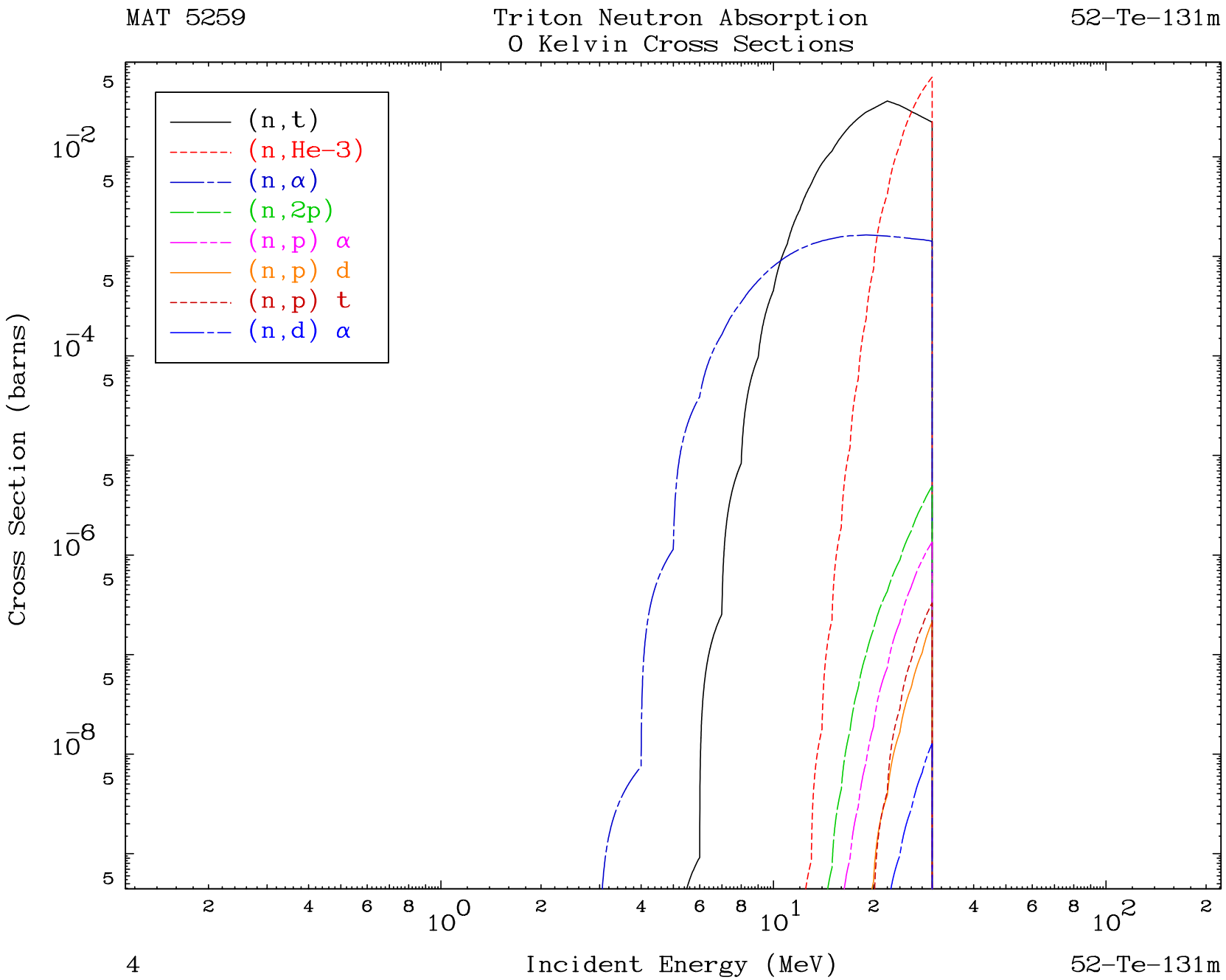
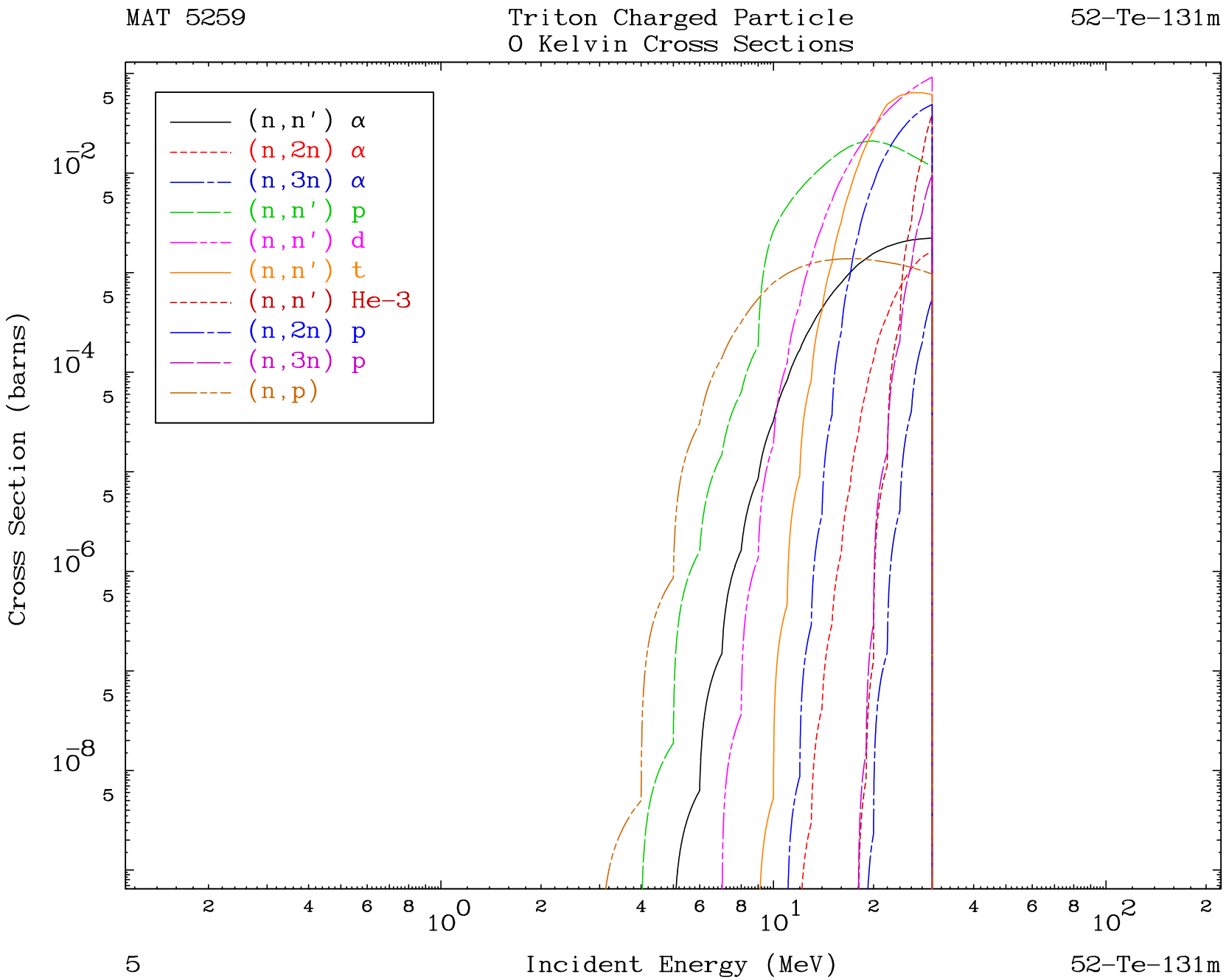
Press Mouse Button to Start

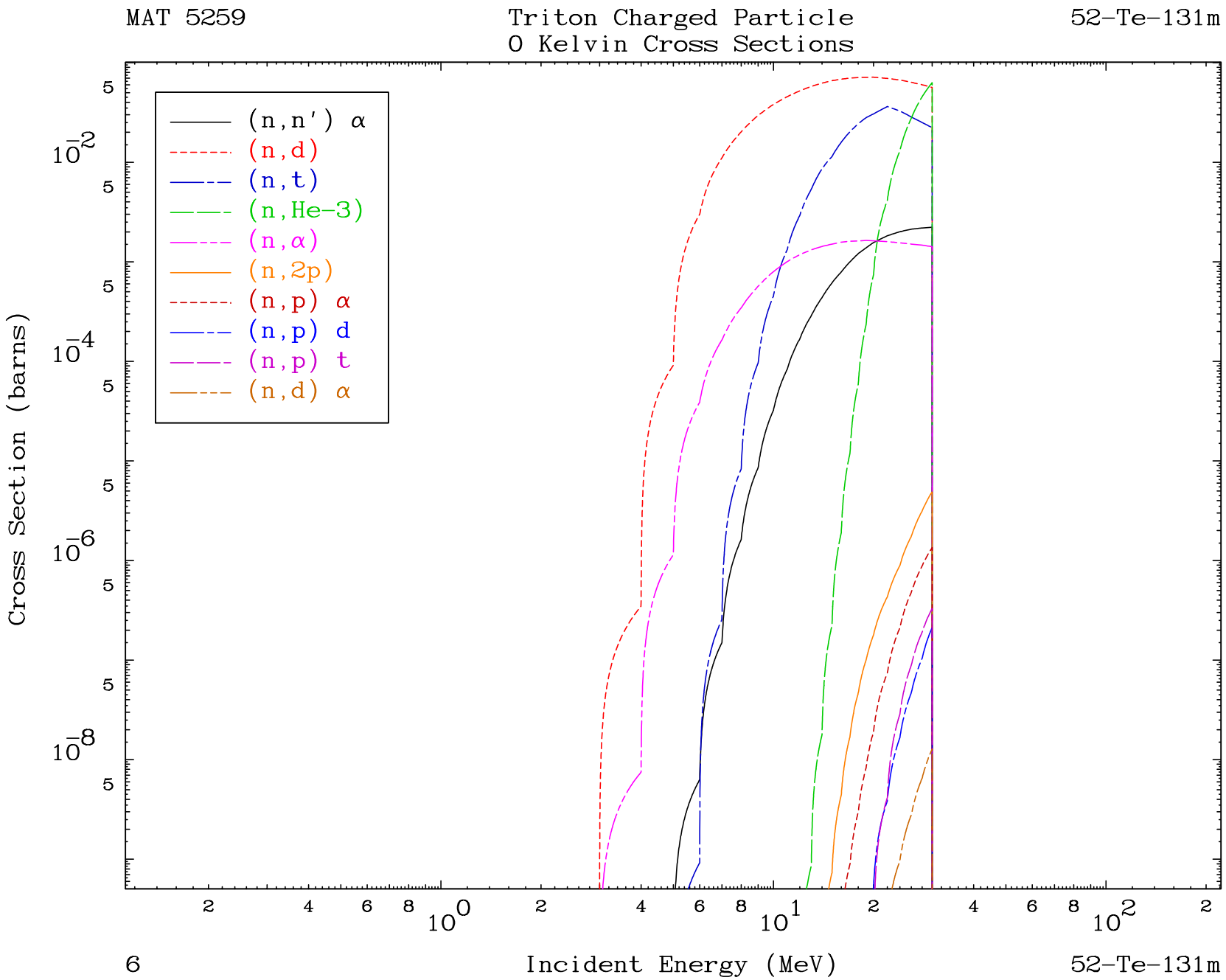

MAT 5259
Triton Major
52-Te-131m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
52-Te-131m
1

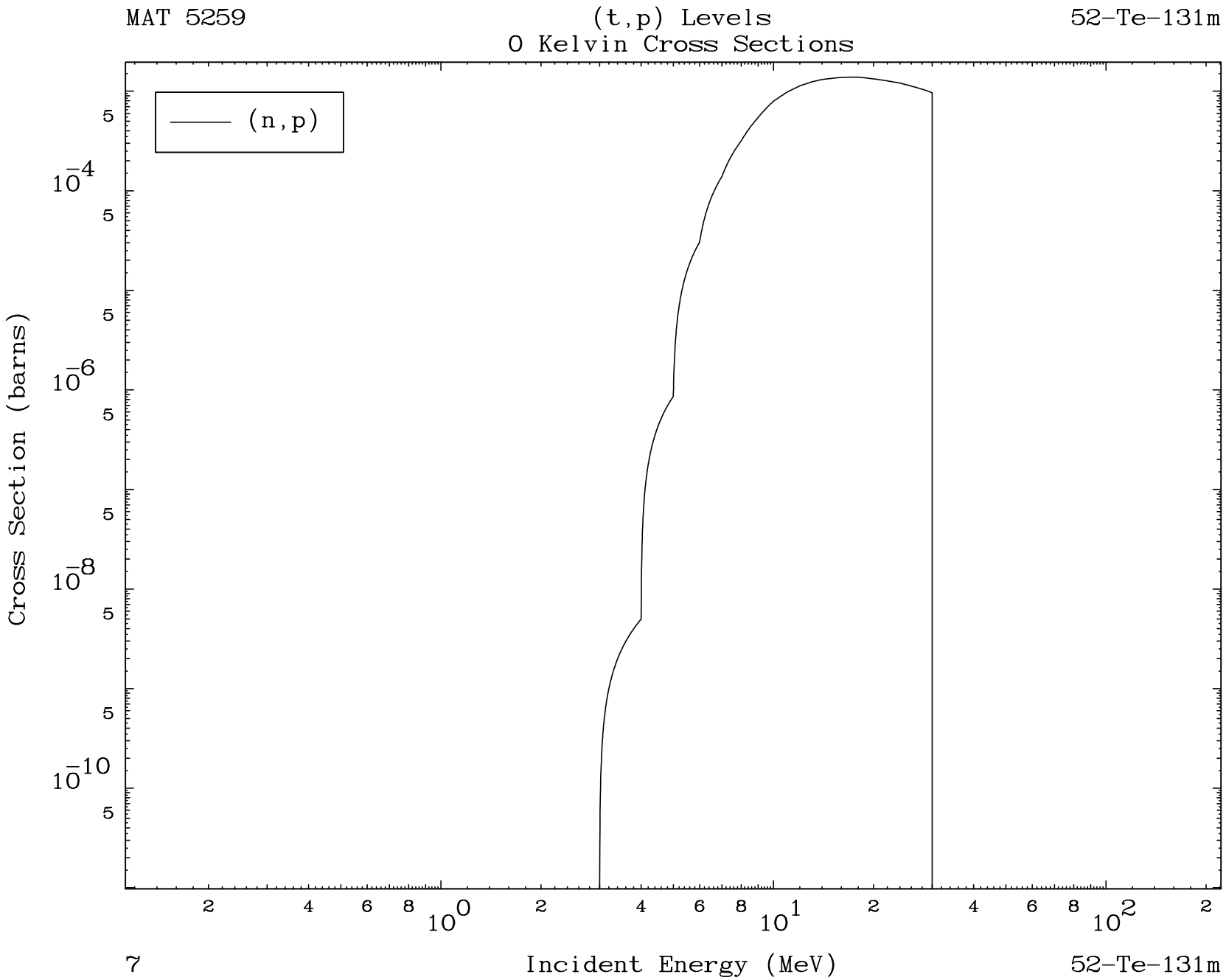

MAT 5259
Triton Neutron Absorption
0 Kelvin Cross Sections
52-Te-131m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
52-Te-131m

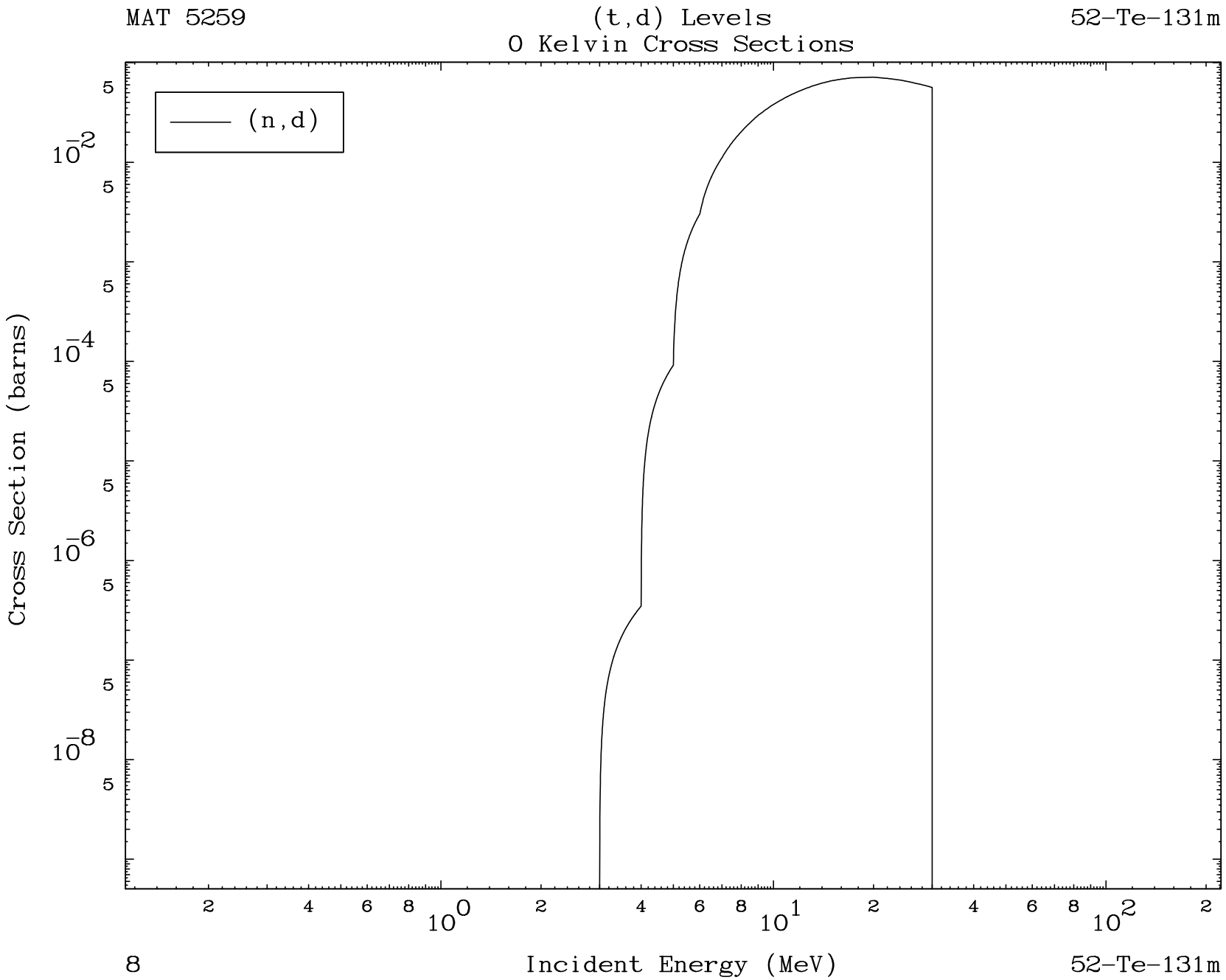

MAT 5259
Triton Neutron Absorption
0 Kelvin Cross Sections
52-Te-131m
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
52-Te-131m

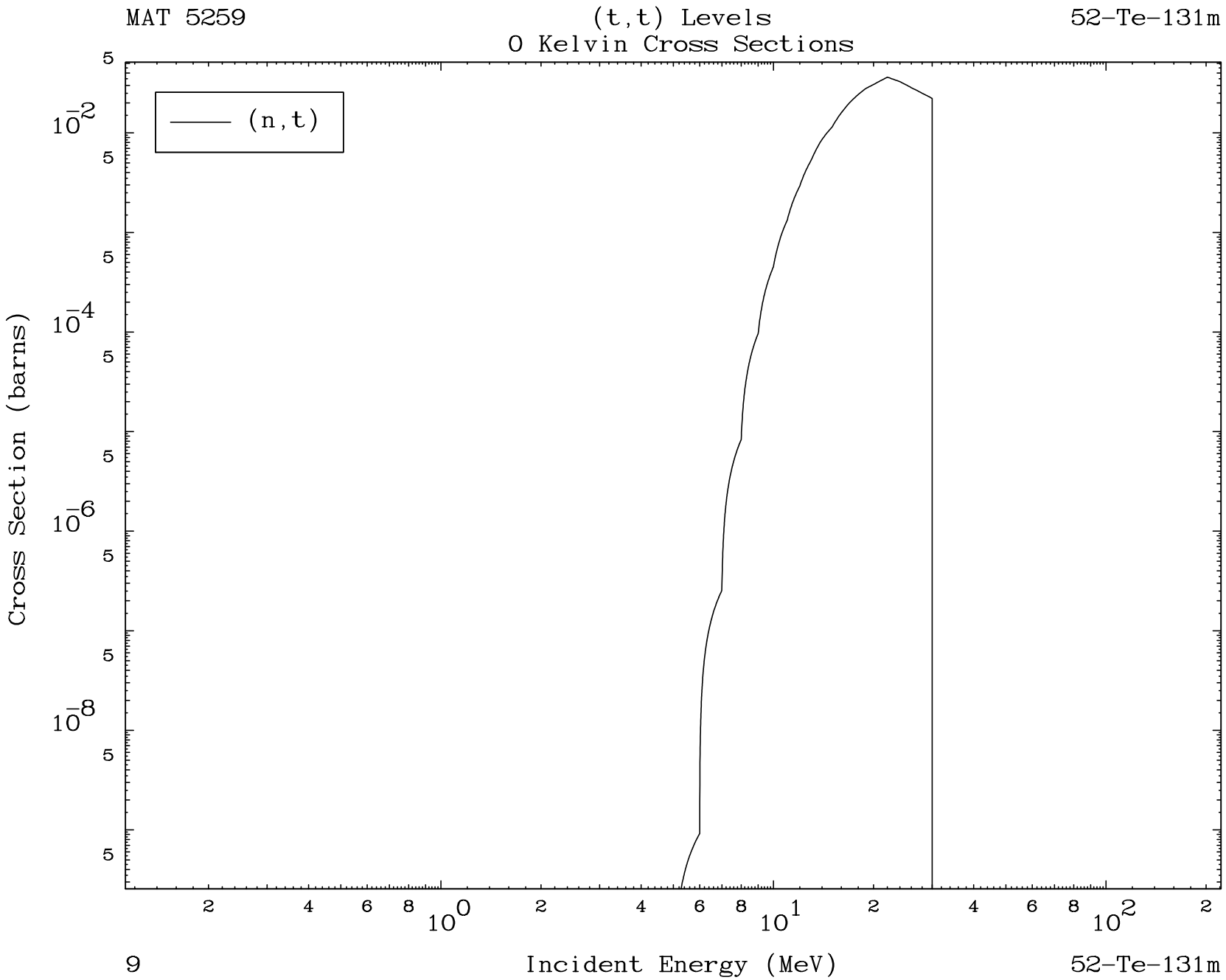

MAT 5259
Triton Neutron Absorption
0 Kelvin Cross Sections
52-Te-131m
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
52-Te-131m

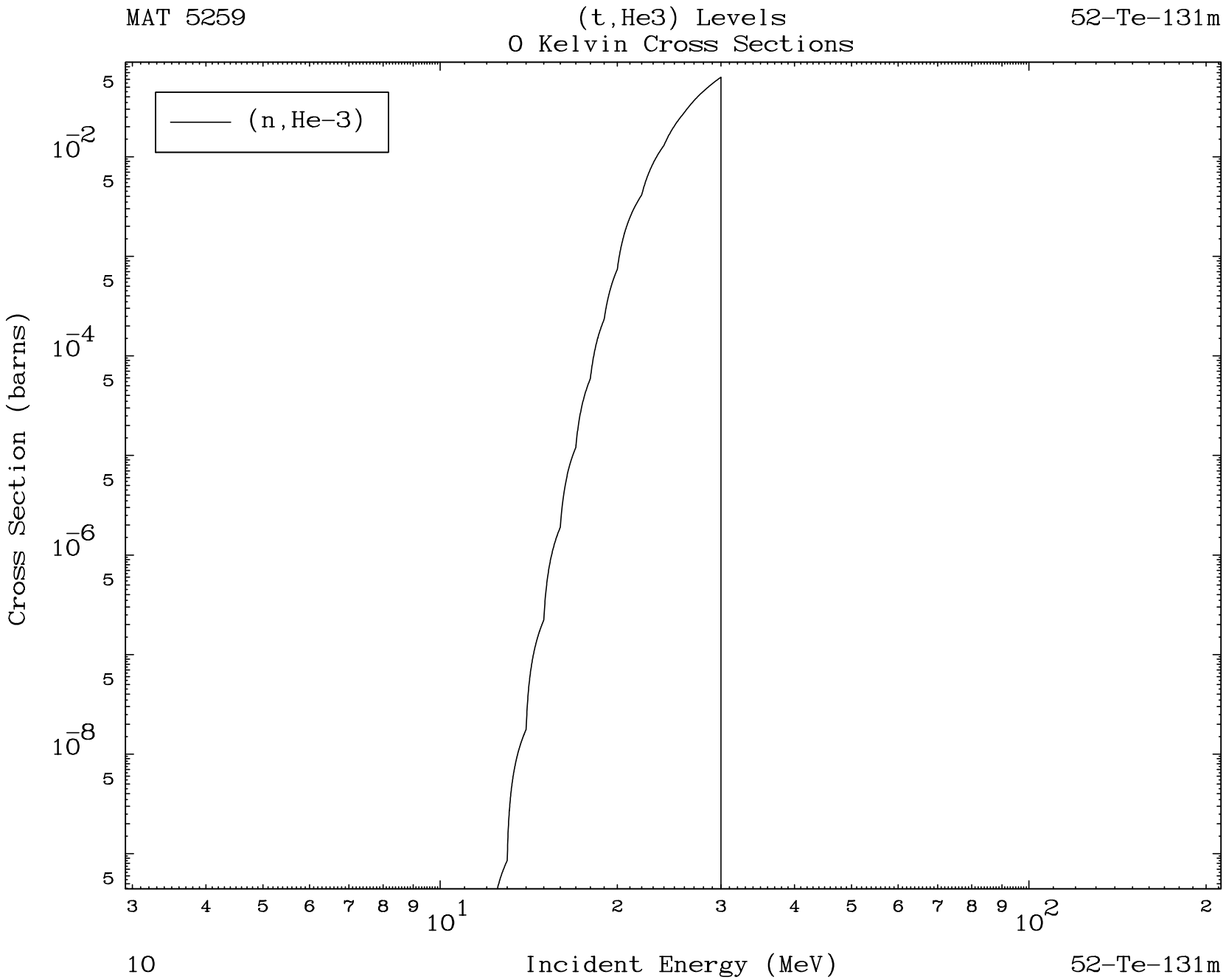

MAT 5259
Triton Charged Particle
0 Kelvin Cross Sections
52-Te-131m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
52-Te-131m
5

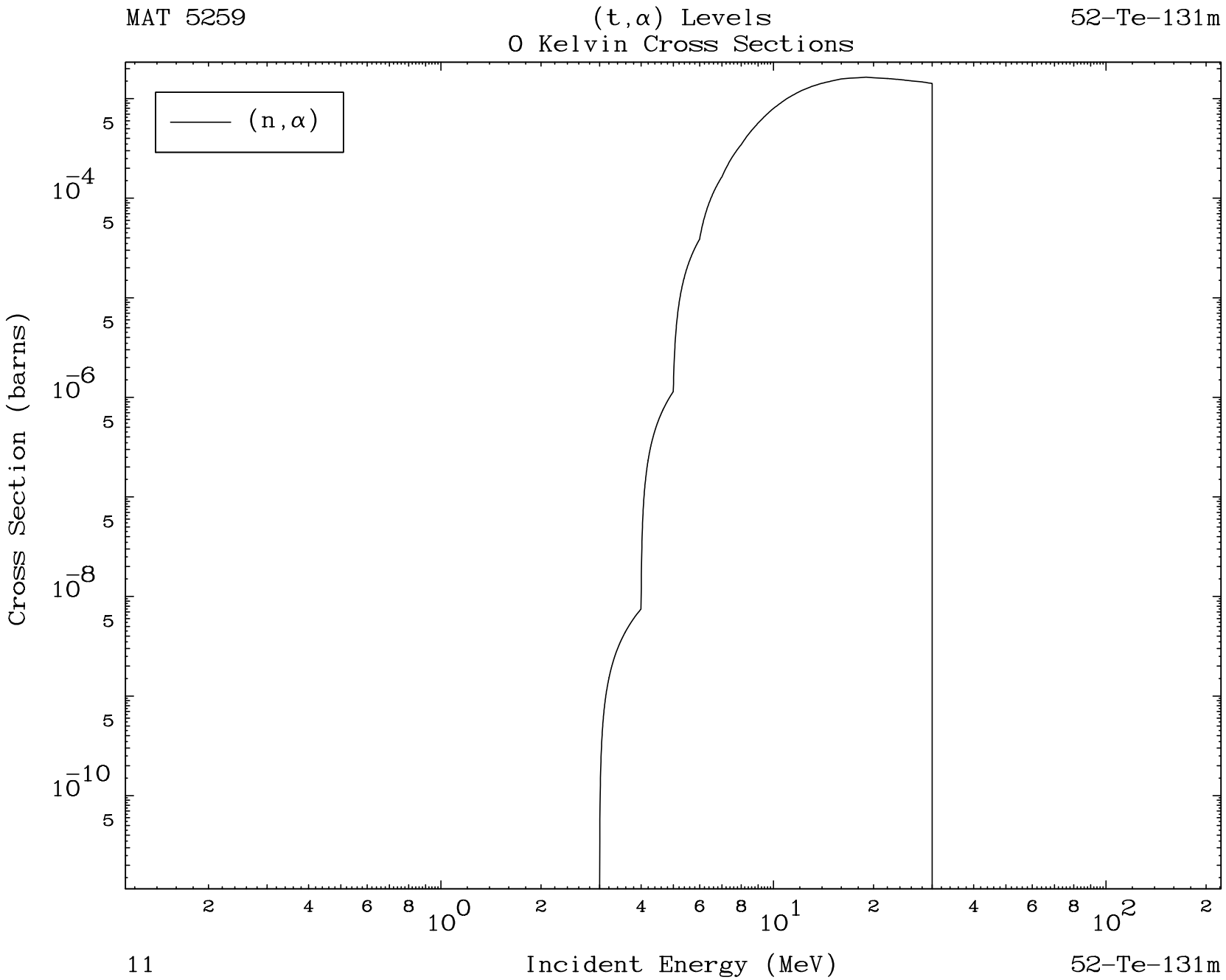

MAT 5259
Triton Charged Particle
0 Kelvin Cross Sections
52-Te-131m
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
52-Te-131m

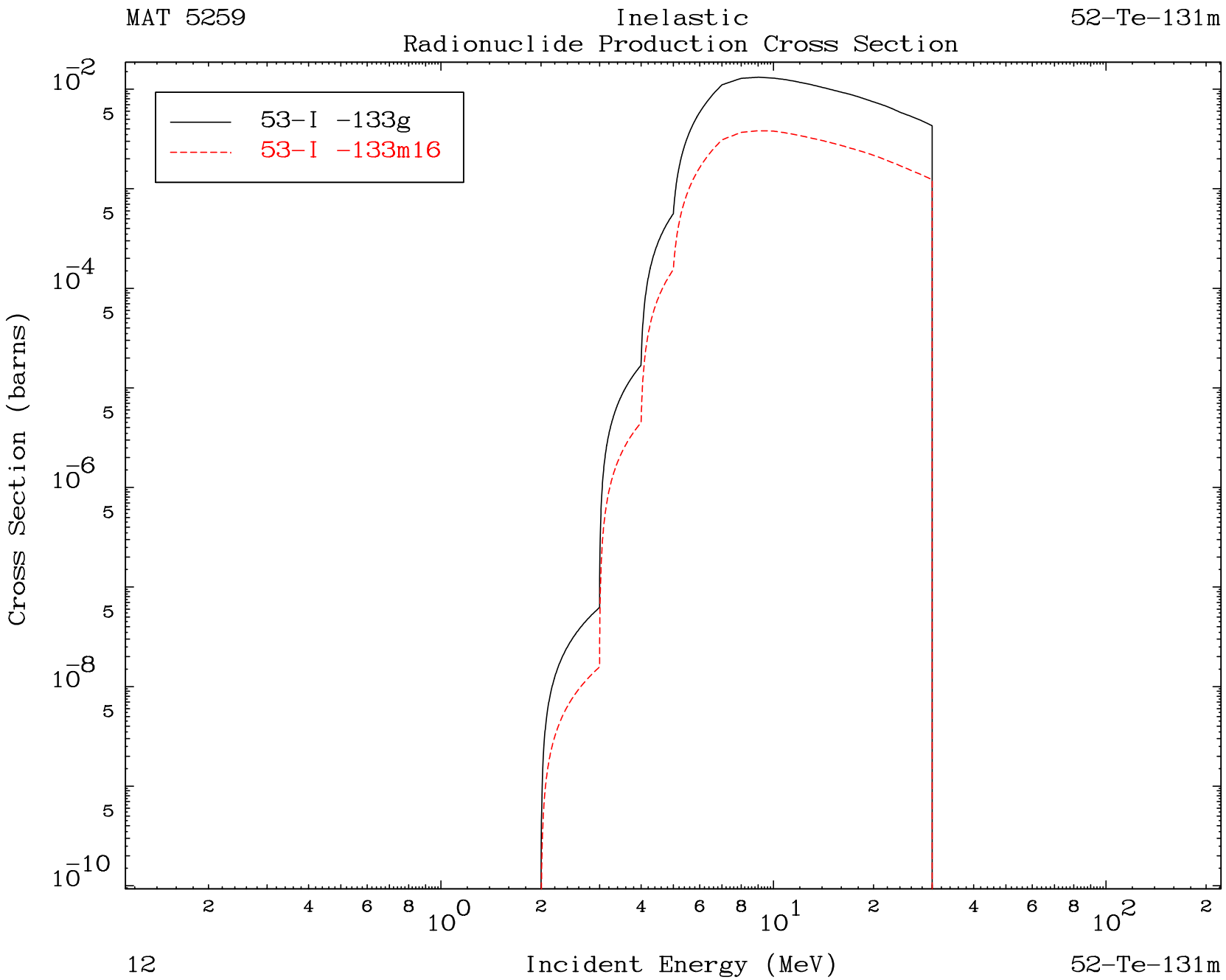

MAT 5259
(t,p) Levels
52-Te-131m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
7
52-Te-131m

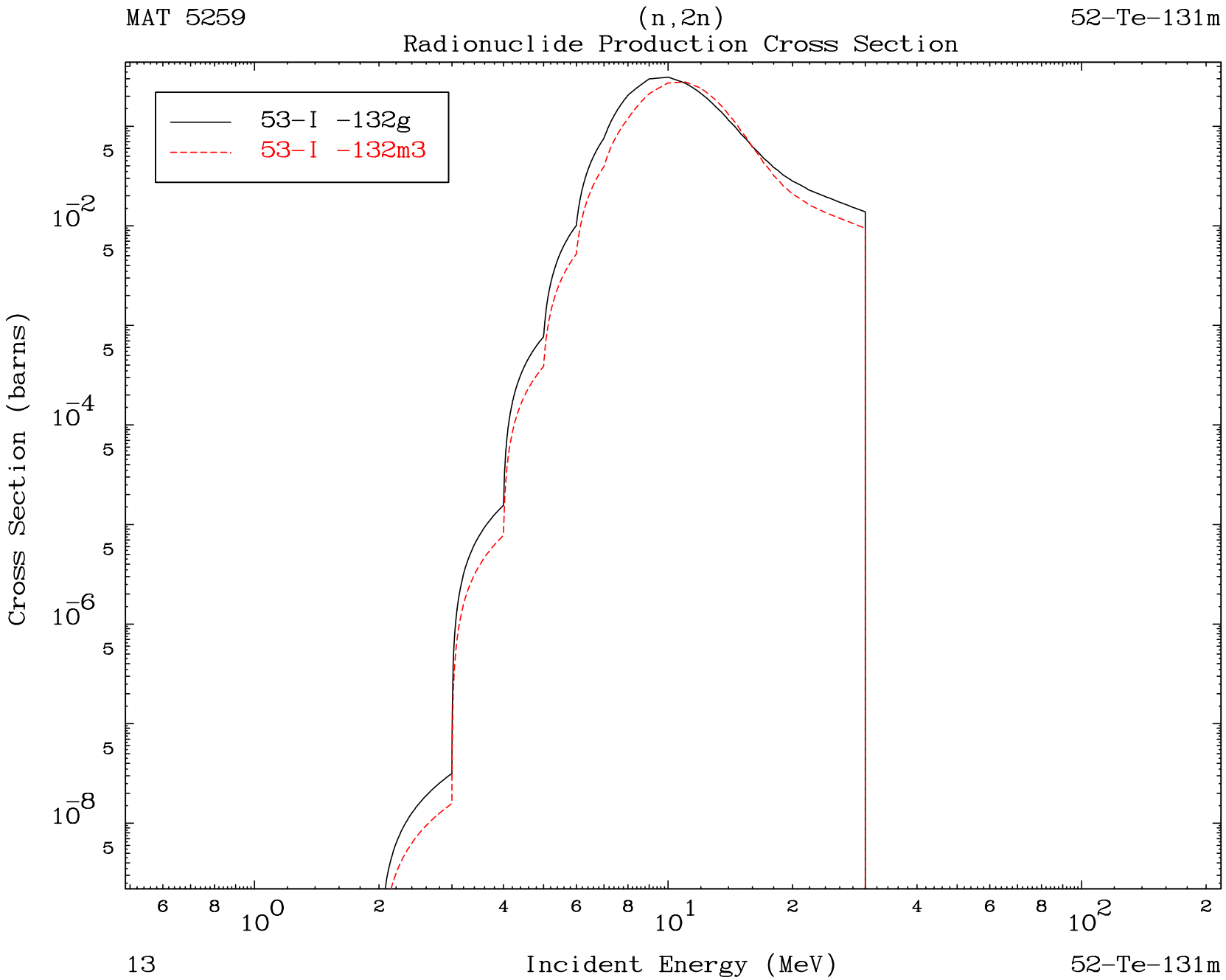

MAT 5259
(t,d) Levels
52-Te-131m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
52-Te-131m

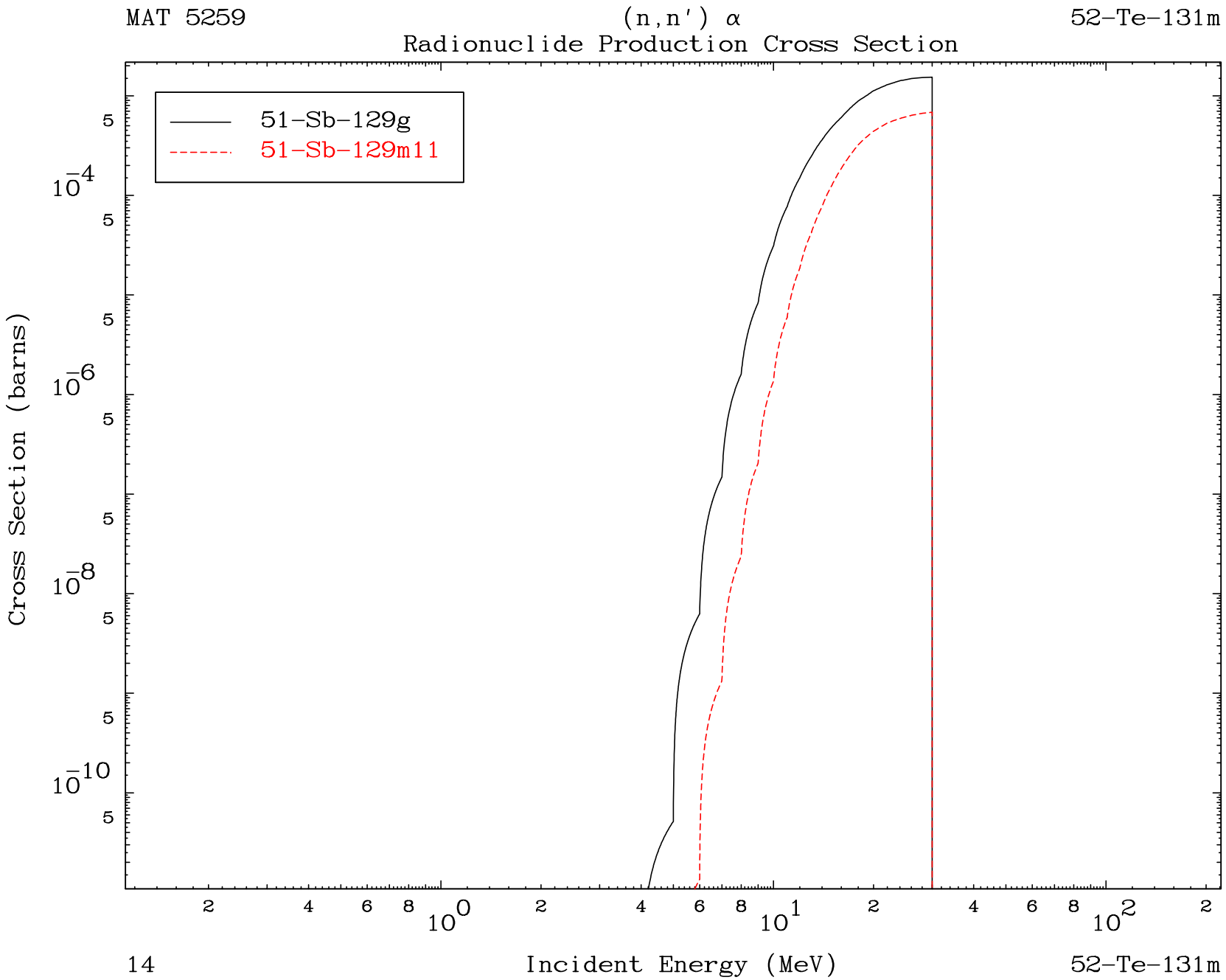

MAT 5259
(t,t) Levels
52-Te-131m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
52-Te-131m

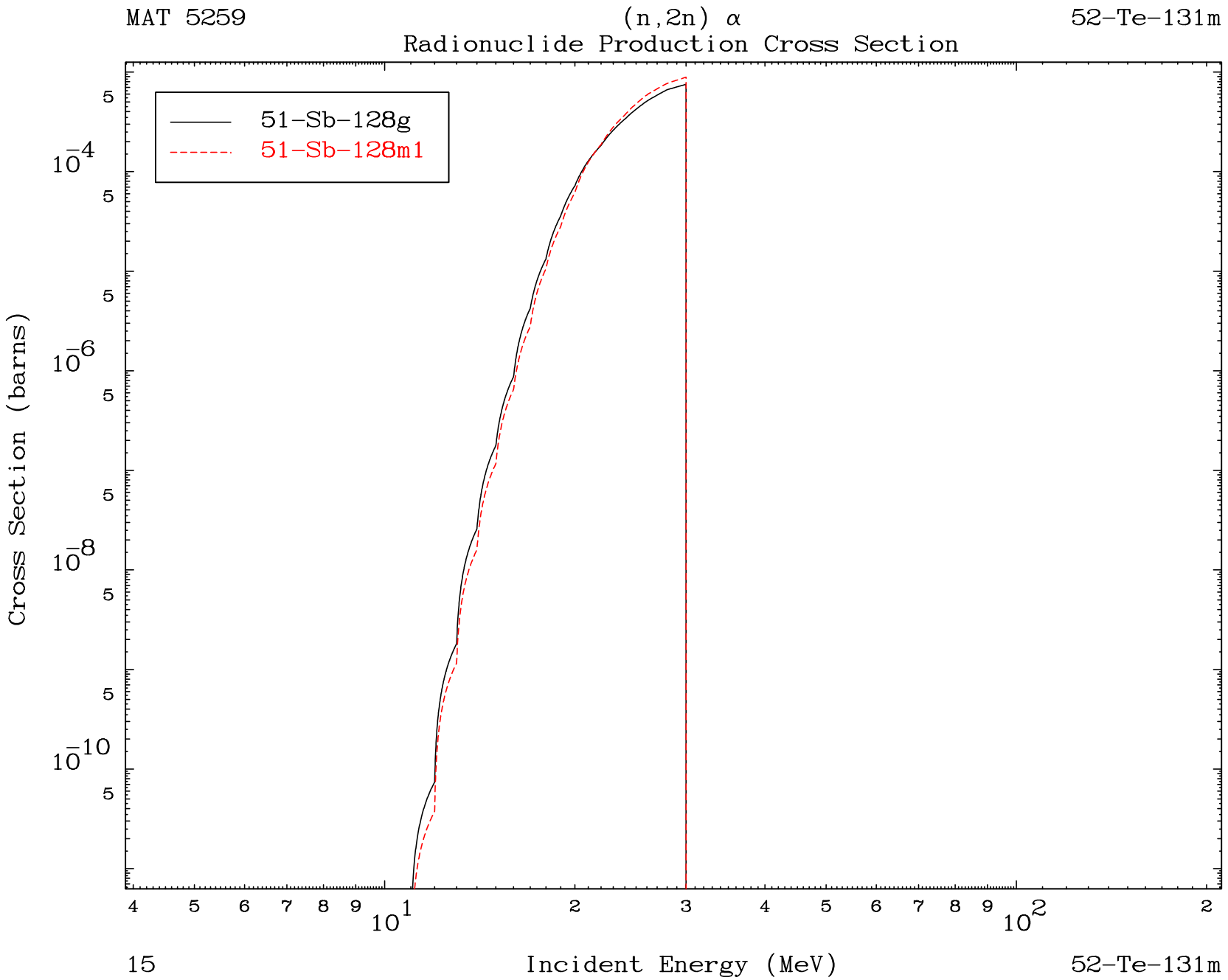

MAT 5259
(t,He3) Levels
52-Te-131m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
52-Te-131m

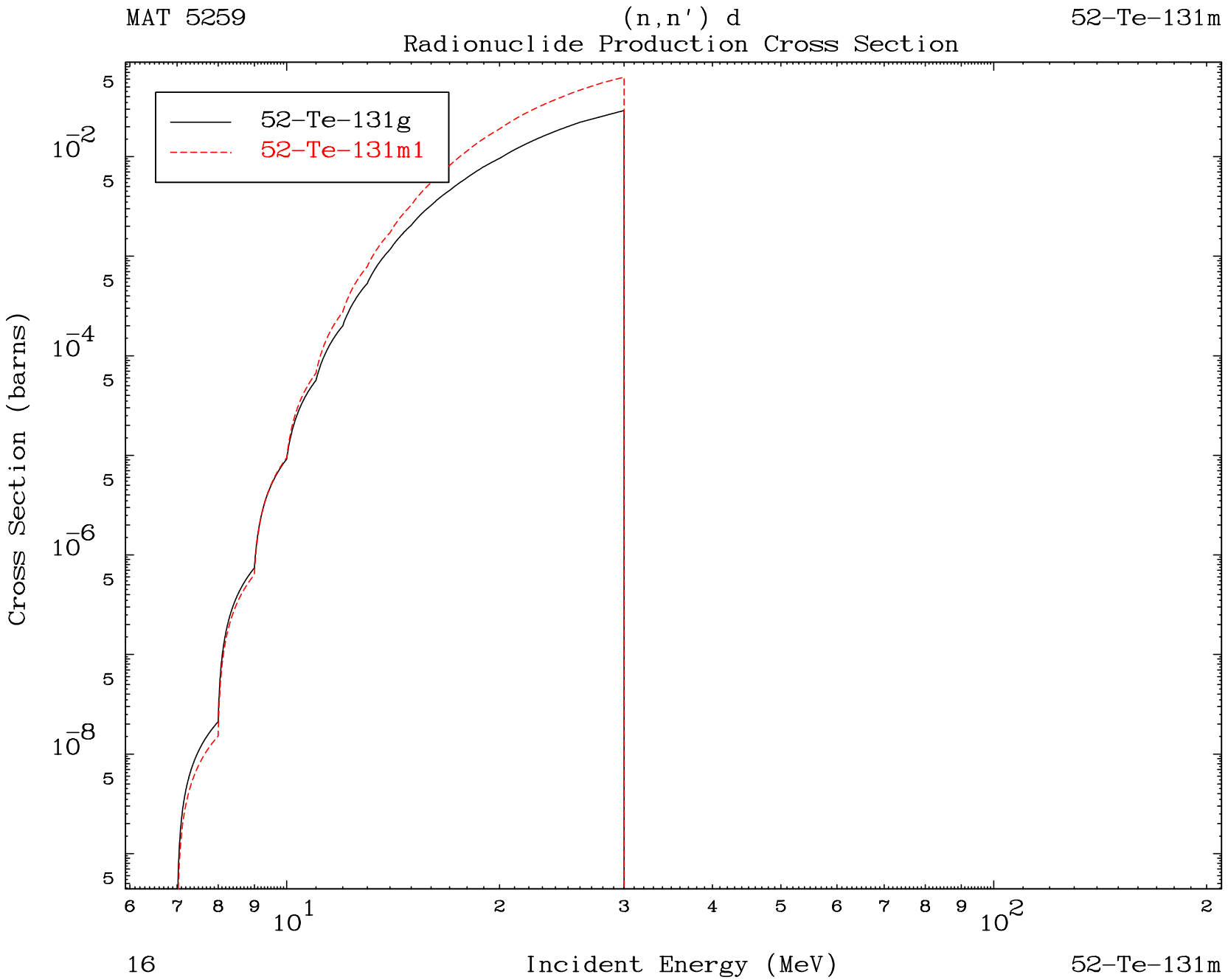

MAT 5259
(t,α) Levels
52-Te-131m
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10-4
10-6
10-8
10-10
10 0
10 1
10 2
Incident Energy (MeV)
11
52-Te-131m

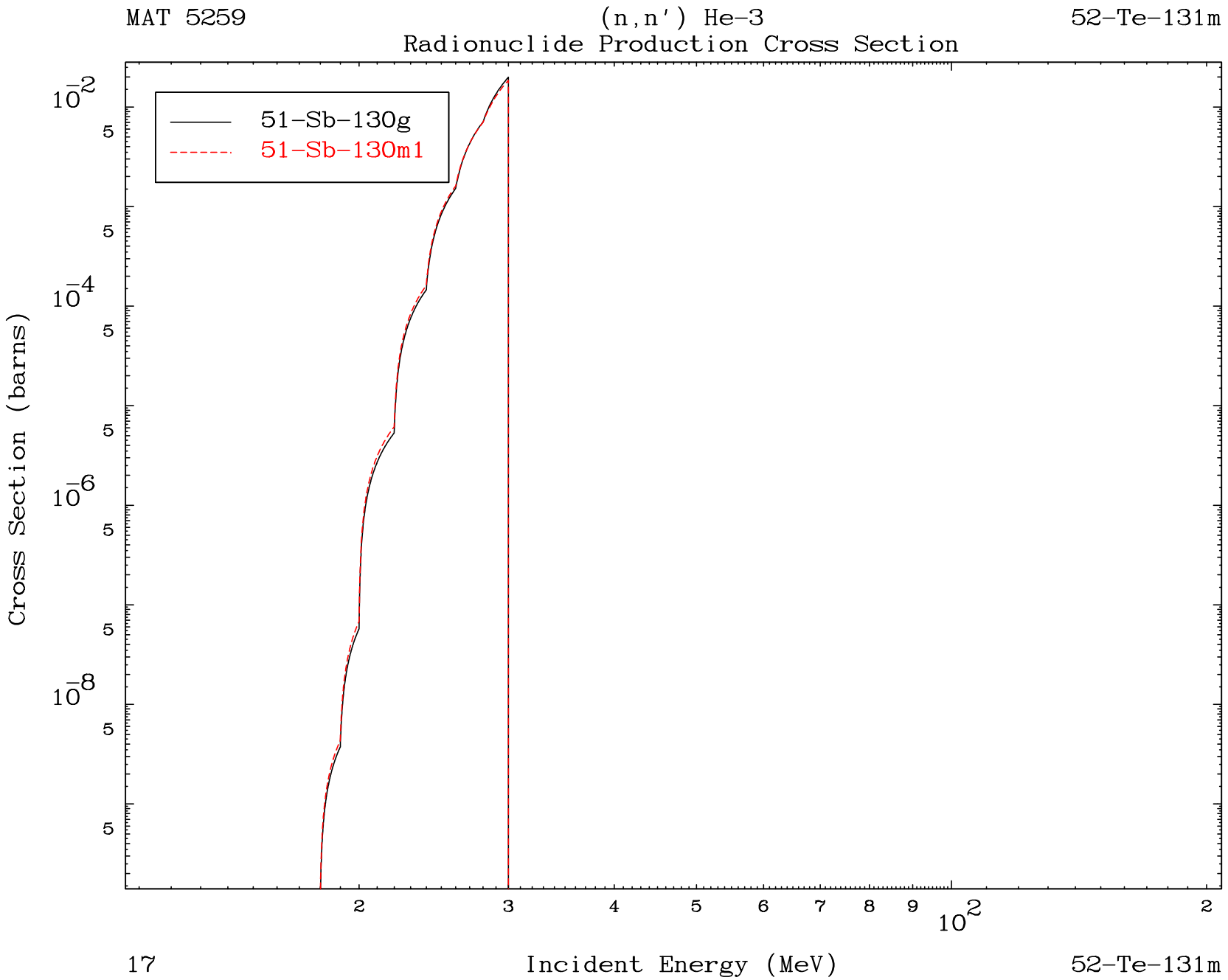

MAT 5259
Inelastic
52-Te-131m
Radionuclide Production Cross Section
53-I -133g
53-I -133m16
Cross Section (barns)
Incident Energy (MeV)
12
52-Te-131m

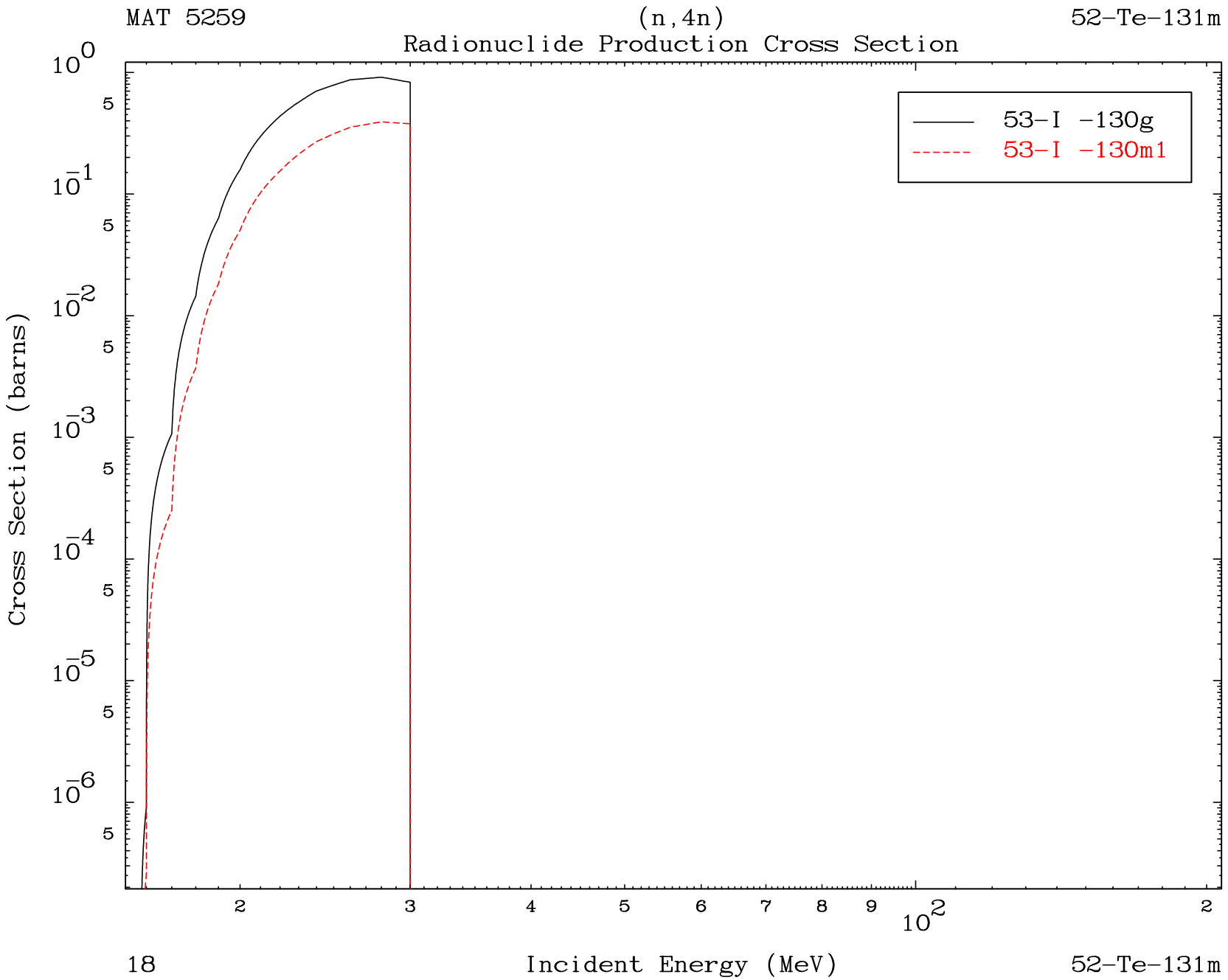

MAT 5259
(n,2n)
52-Te-131m
Radionuclide Production Cross Section
53-I -132g
53-I -132m3
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
13
52-Te-131m

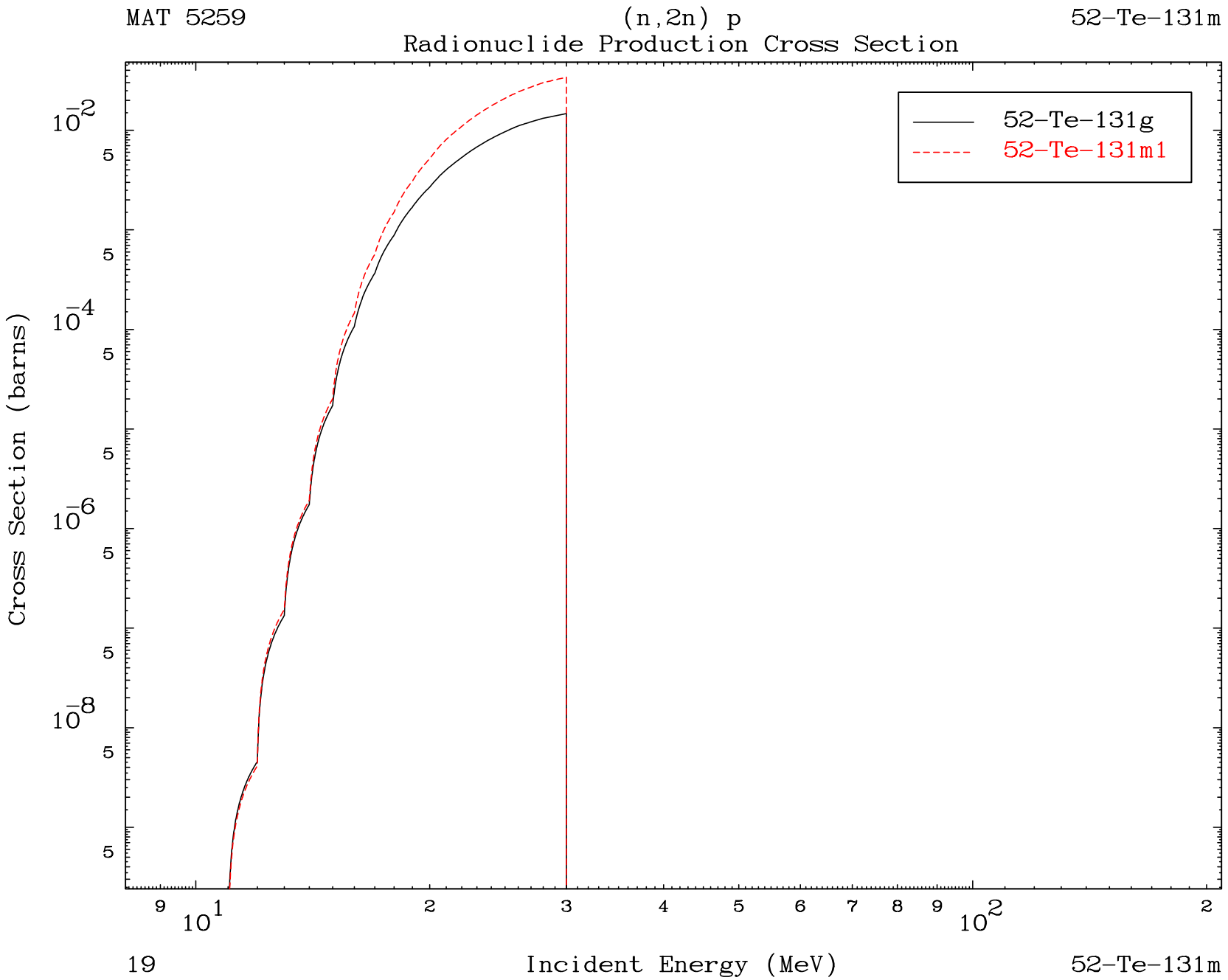

MAT 5259
(n,n') α
52-Te-131m
Radionuclide Production Cross Section
51-Sb-129g
51-Sb-129m11
Cross Section (barns)
Incident Energy (MeV)
14
52-Te-131m

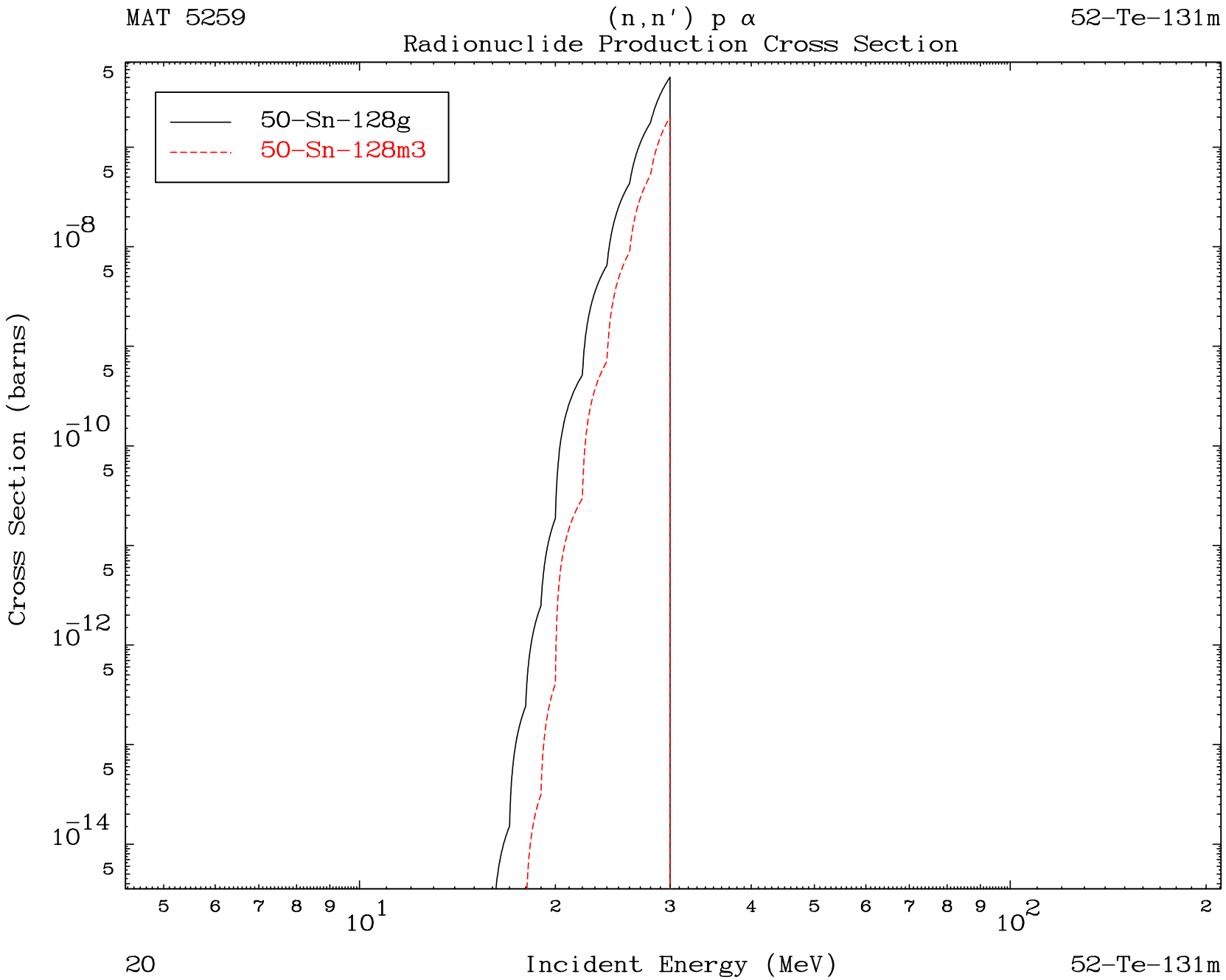

MAT 5259
(n,2n) α
52-Te-131m
Radionuclide Production Cross Section
51-Sb-128g
51-Sb-128m1
Cross Section (barns)
Incident Energy (MeV)
15
52-Te-131m

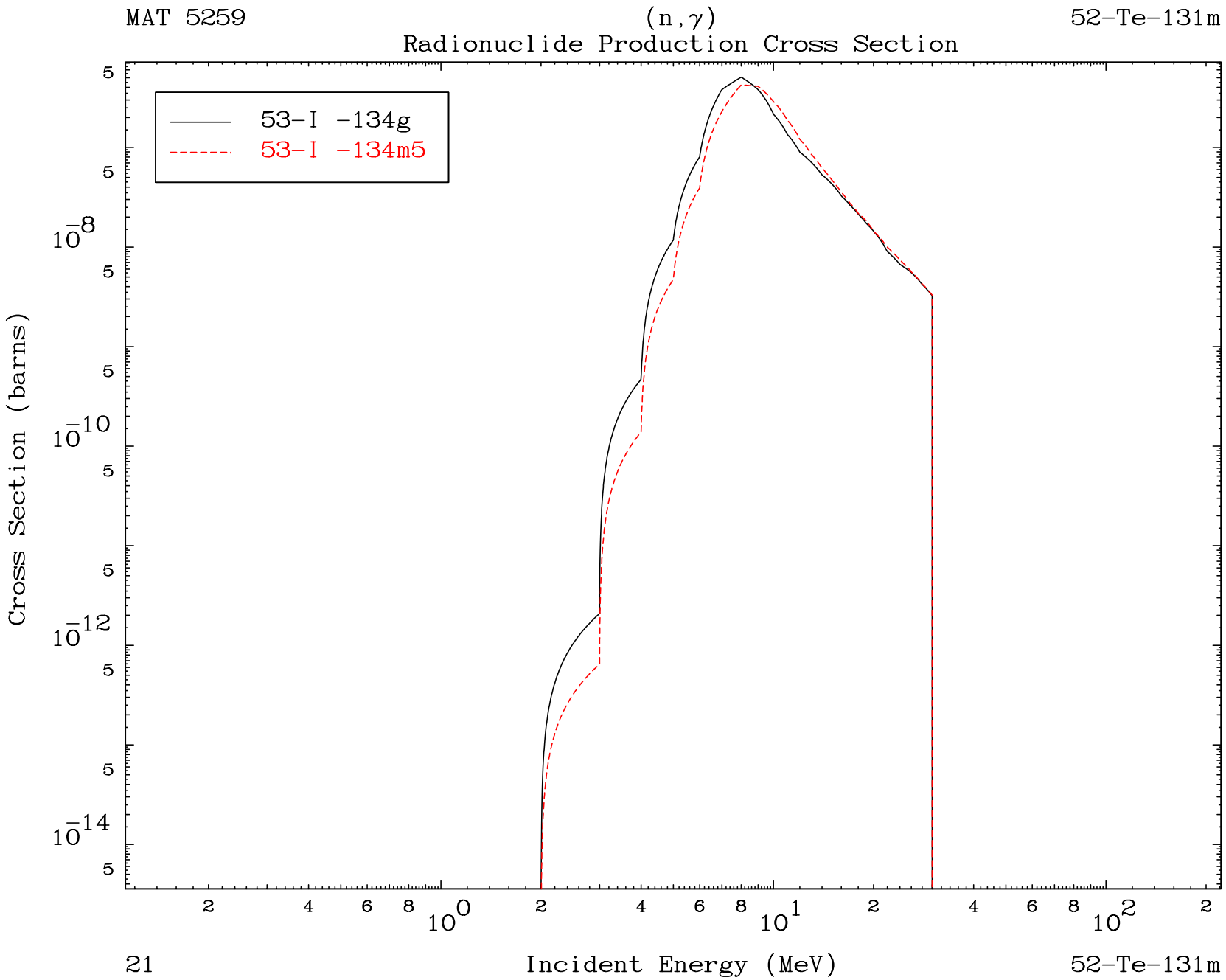

MAT 5259
(n,n') d
52-Te-131m
Radionuclide Production Cross Section
52-Te-131g
52-Te-131m1
Cross Section (barns)
Incident Energy (MeV)
16
52-Te-131m

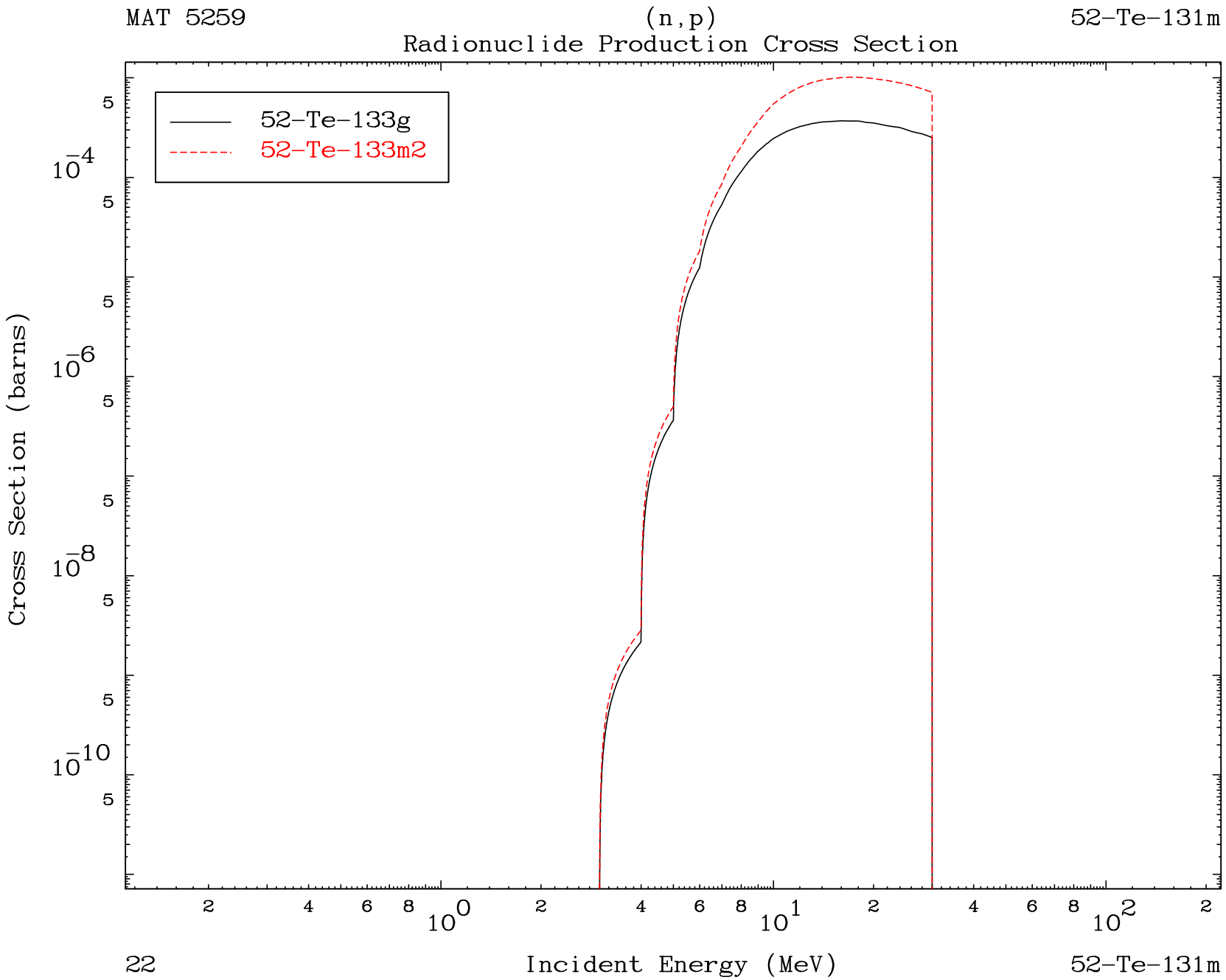

MAT 5259
(n,n') He-3
52-Te-131m
Radionuclide Production Cross Section
51-Sb-130g
51-Sb-130m1
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
2
3
4
5
6
7
8
9
10^2
2
17
Incident Energy (MeV)
52-Te-131m

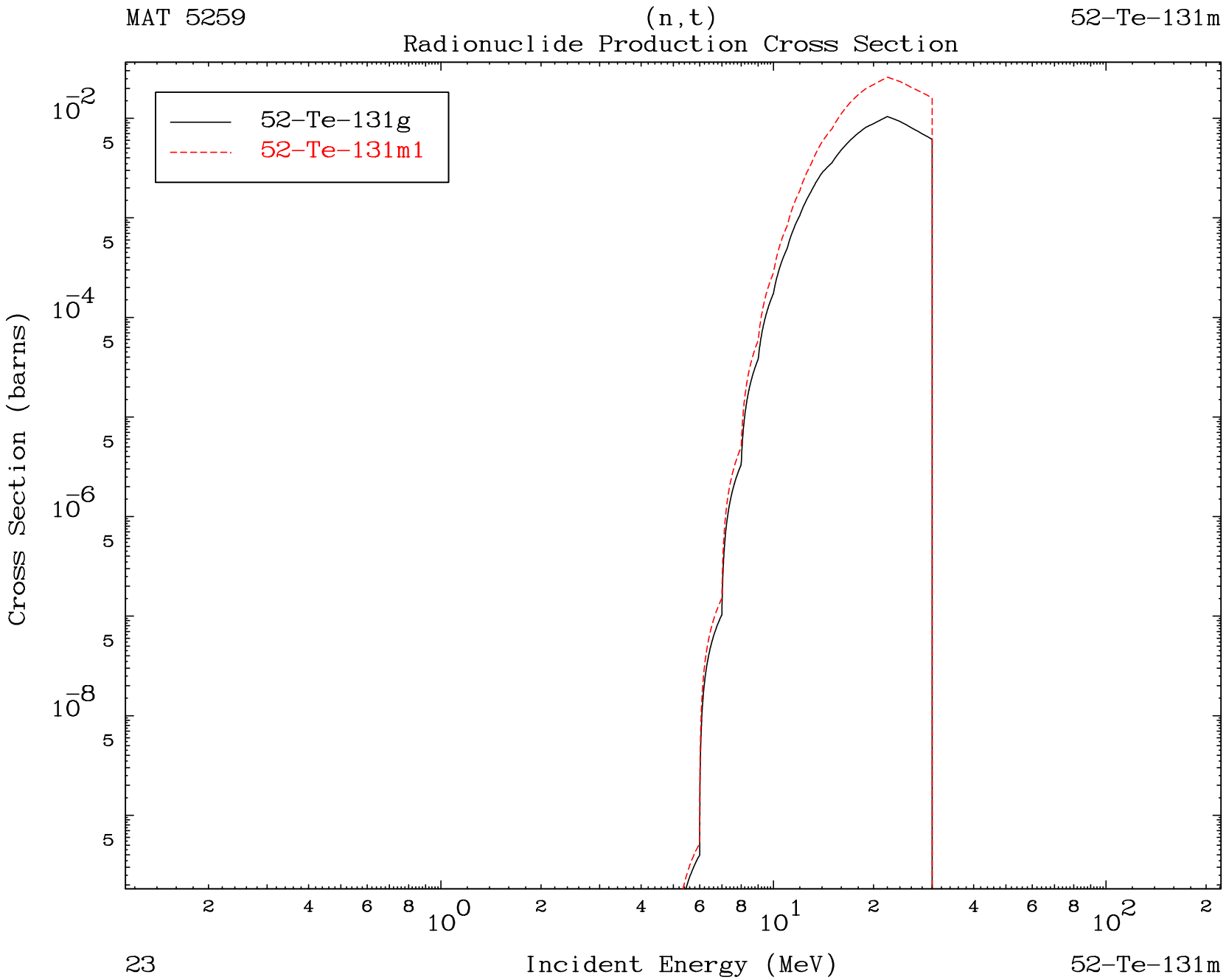

MAT 5259
(n,4n)
52-Te-131m
Radionuclide Production Cross Section
53-I -130g
53-I -130m1
Cross Section (barns)
Incident Energy (MeV)
18
52-Te-131m

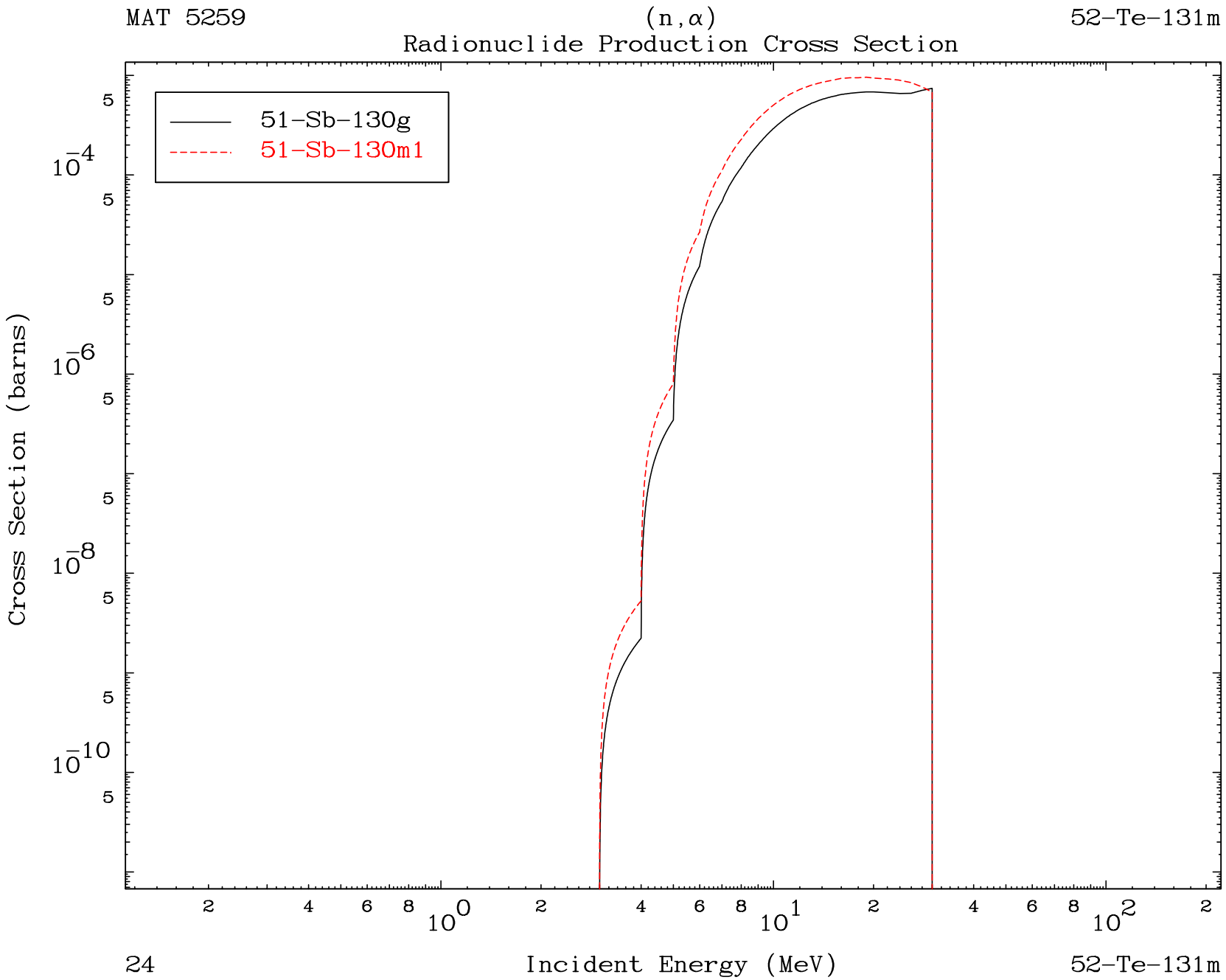

MAT 5259
(n,2n) p
52-Te-131m
Radionuclide Production Cross Section
52-Te-131g
52-Te-131m1
Cross Section (barns)
Incident Energy (MeV)
19
52-Te-131m

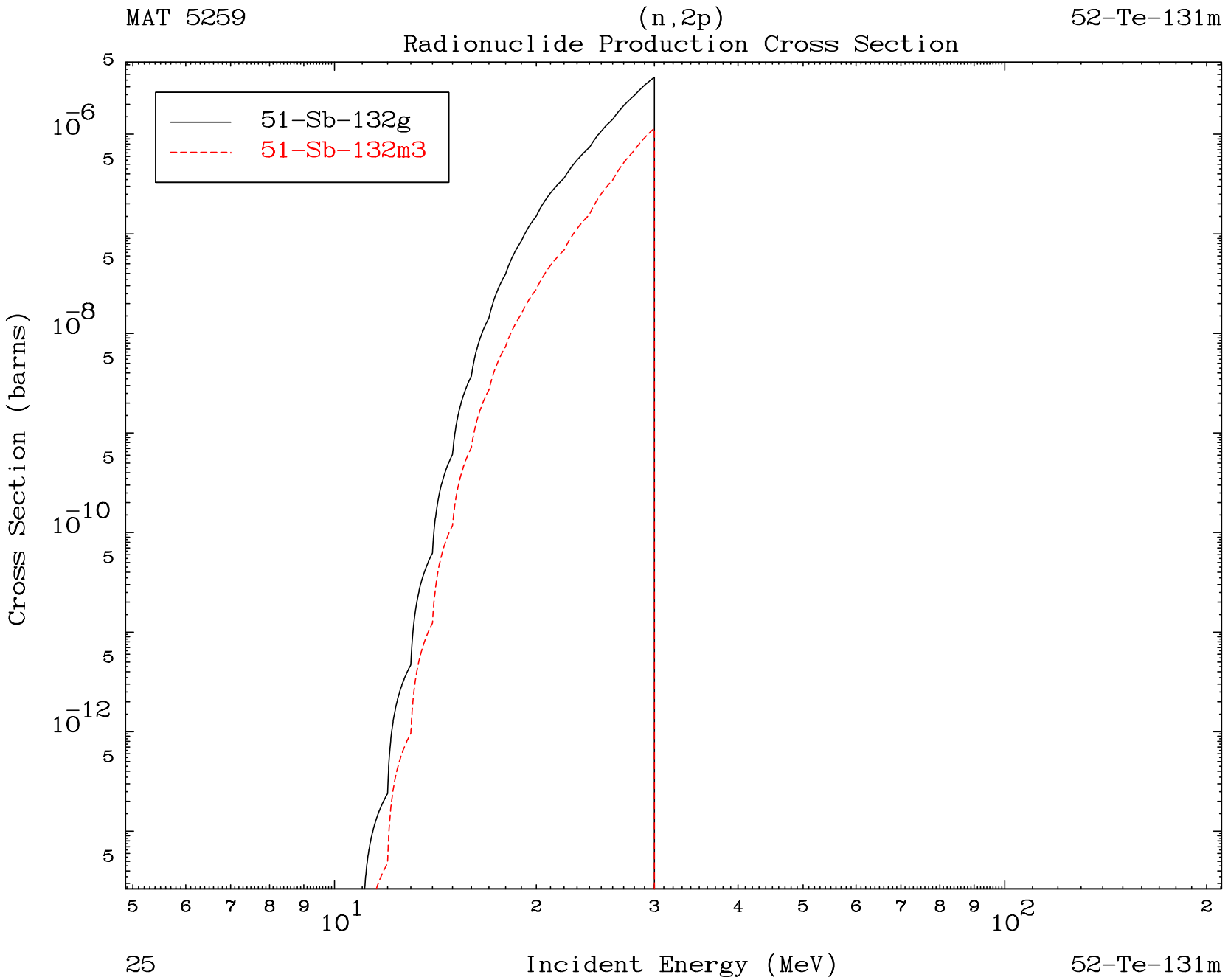

MAT 5259
(n,n') p α
52-Te-131m
Radionuclide Production Cross Section
50-Sn-128g
50-Sn-128m3
Cross Section (barns)
Incident Energy (MeV)
20
52-Te-131m

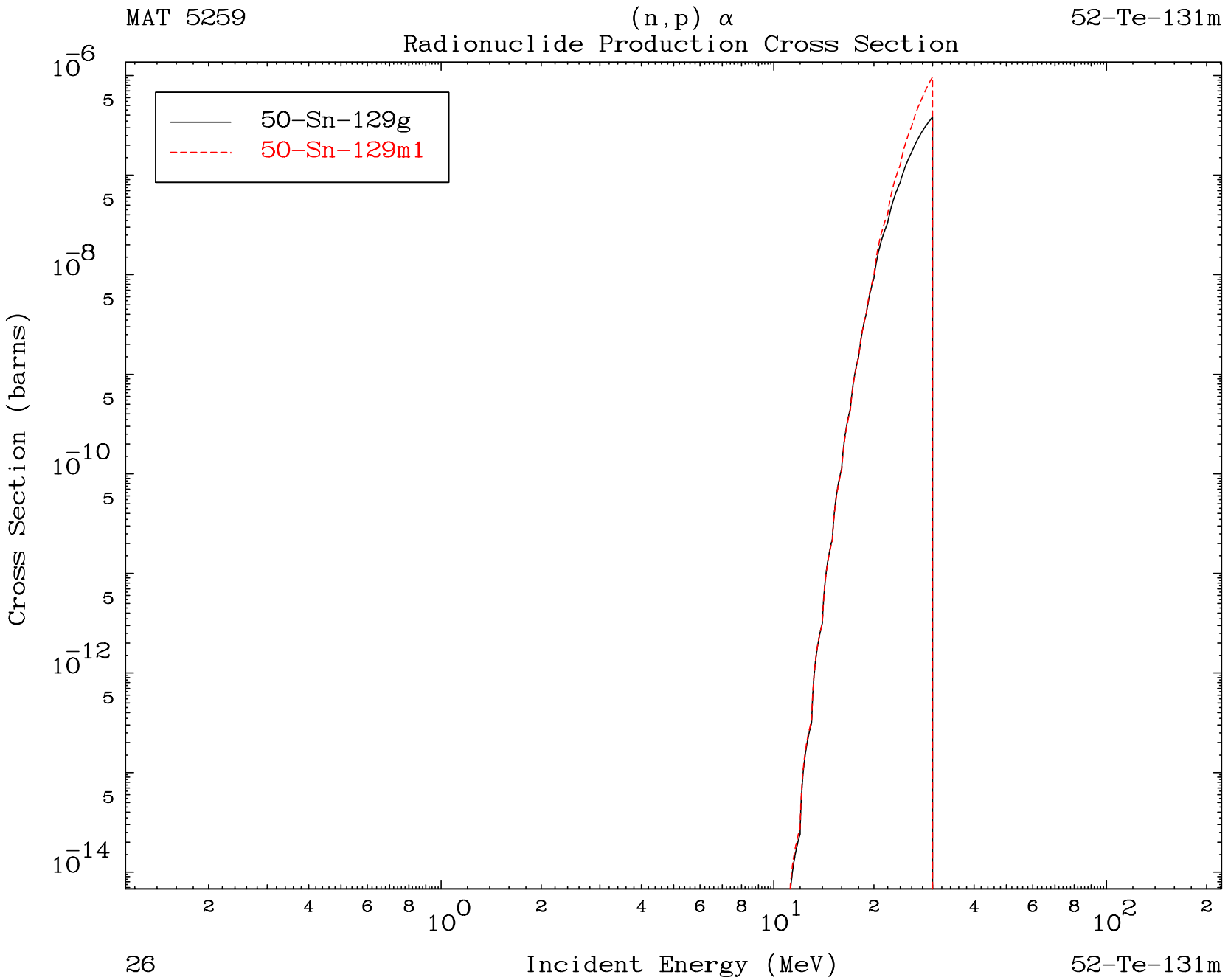

MAT 5259
(n,γ)
52-Te-131m
Radionuclide Production Cross Section
53-I -134g
53-I -134m5
Cross Section (barns)
Incident Energy (MeV)
21
52-Te-131m

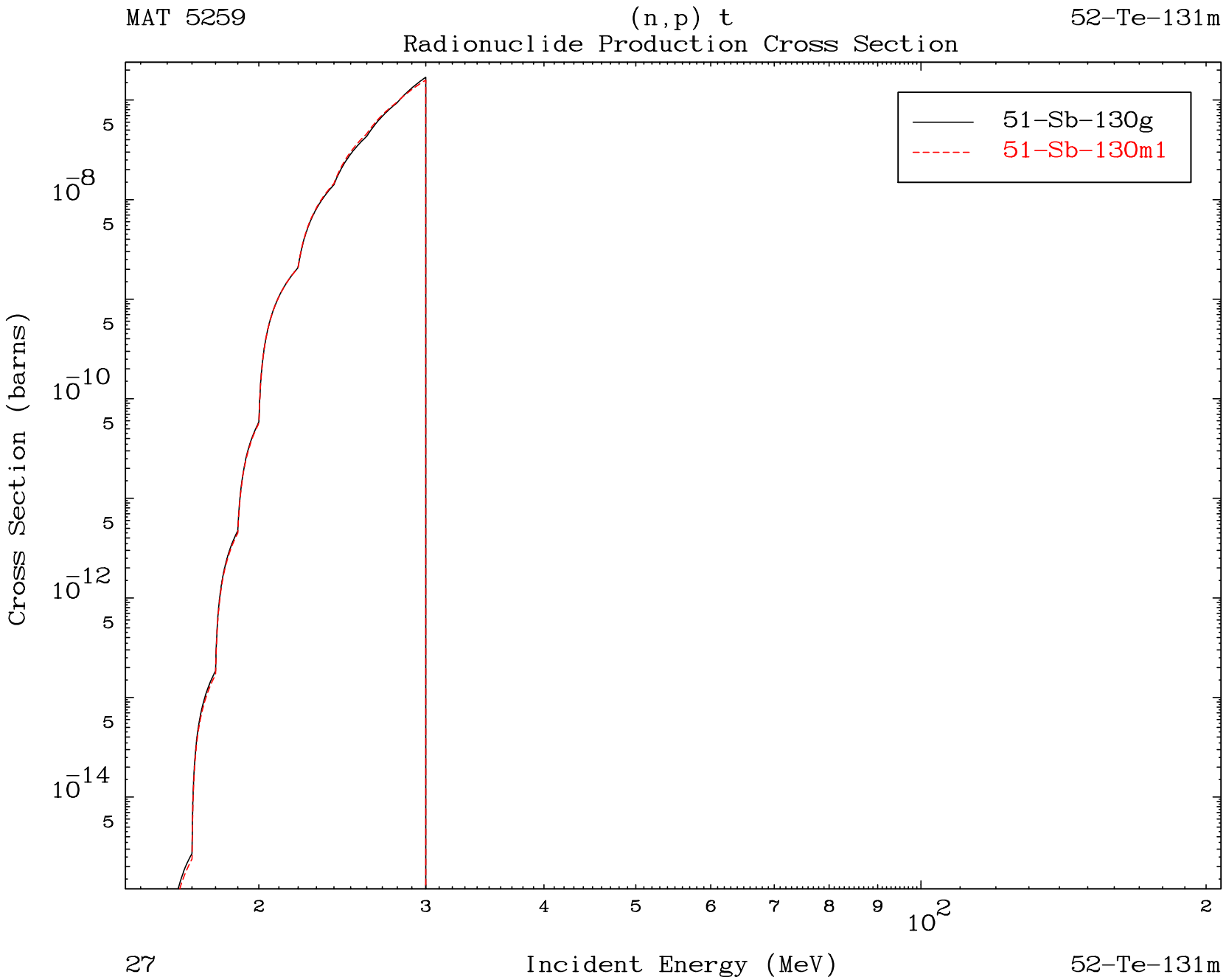

MAT 5259
(n,p)
52-Te-131m
Radionuclide Production Cross Section
52-Te-133g
52-Te-133m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
22
52-Te-131m

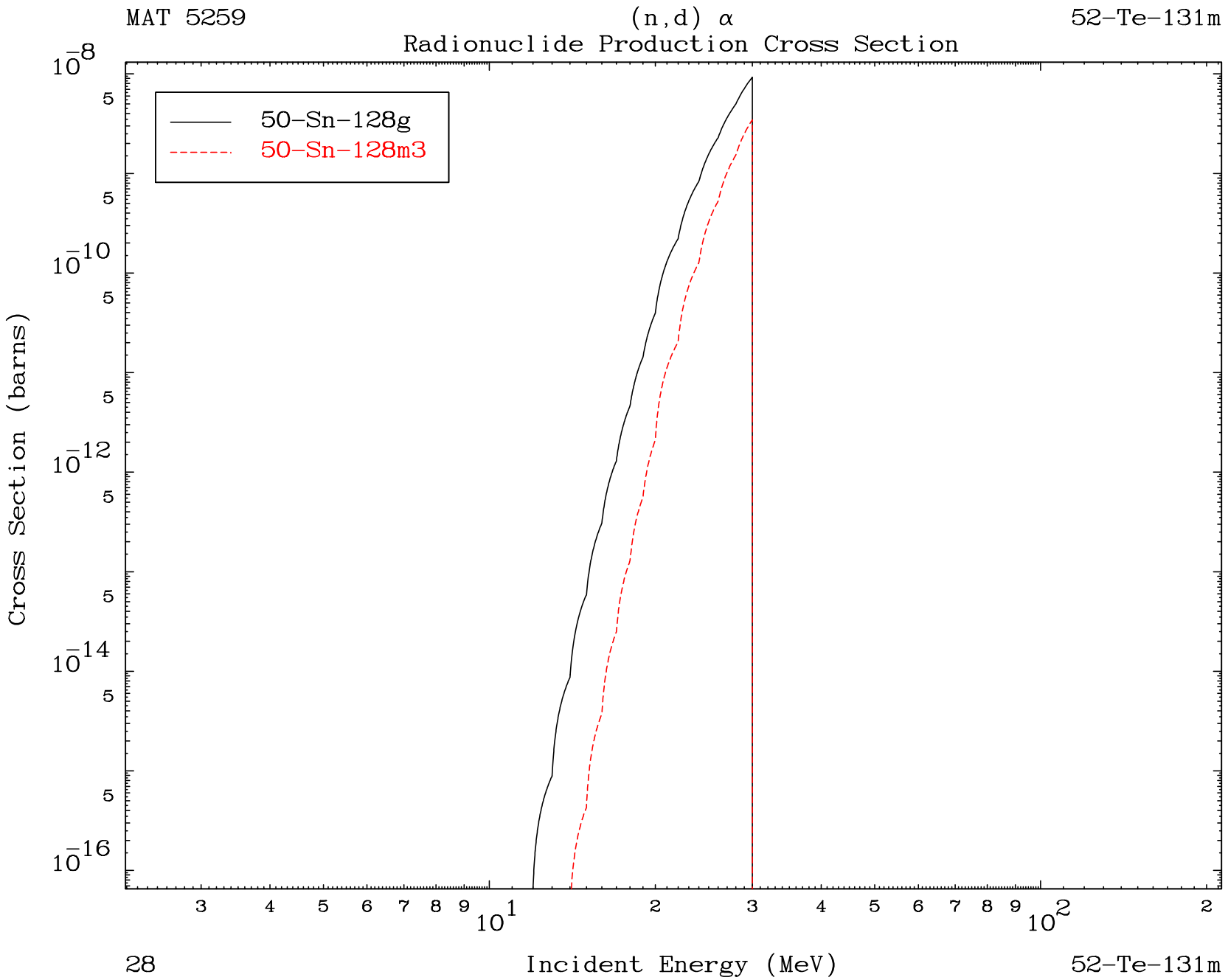

MAT 5259
(n,t)
52-Te-131m
Radionuclide Production Cross Section
52-Te-131g
52-Te-131m1
Cross Section (barns)
Incident Energy (MeV)
23
52-Te-131m


MAT 5259
(n,α)
52-Te-131m
Radionuclide Production Cross Section
51-Sb-130g
51-Sb-130m1
Cross Section (barns)
Incident Energy (MeV)
24
52-Te-131m


MAT 5259
(n,2p)
52-Te-131m
Radionuclide Production Cross Section
51-Sb-132g
51-Sb-132m3
Cross Section (barns)
Incident Energy (MeV)
25
52-Te-131m


MAT 5259
(n,p) α
52-Te-131m
Radionuclide Production Cross Section
50-Sn-129g
50-Sn-129m1
Cross Section (barns)
Incident Energy (MeV)
26
52-Te-131m


MAT 5259
(n,p) t
52-Te-131m
Radionuclide Production Cross Section
51-Sb-130g
51-Sb-130m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
27
Incident Energy (MeV)
52-Te-131m


MAT 5259
(n,d) α
52-Te-131m
Radionuclide Production Cross Section
50-Sn-128g
50-Sn-128m3
Cross Section (barns)
Incident Energy (MeV)
28
52-Te-131m