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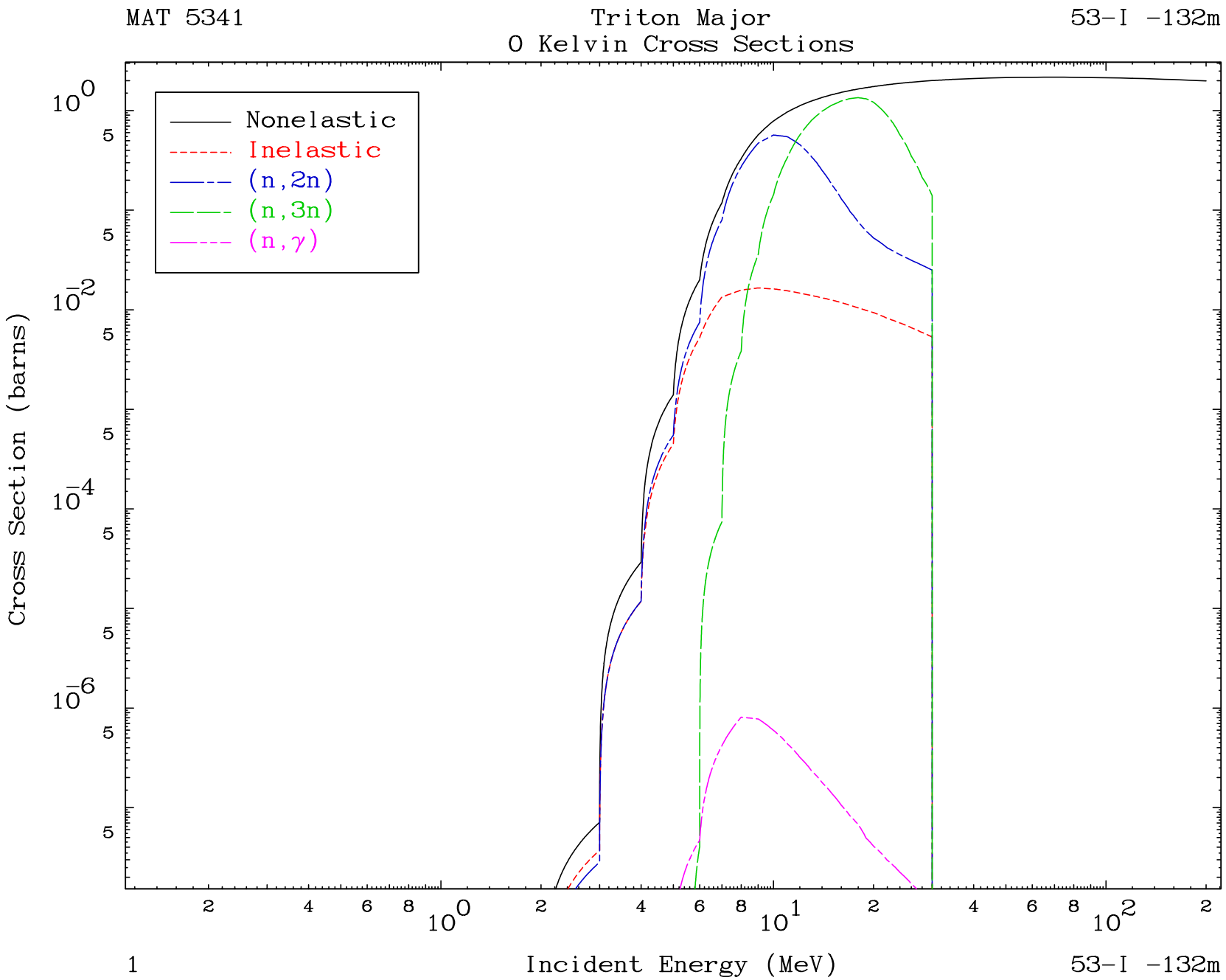
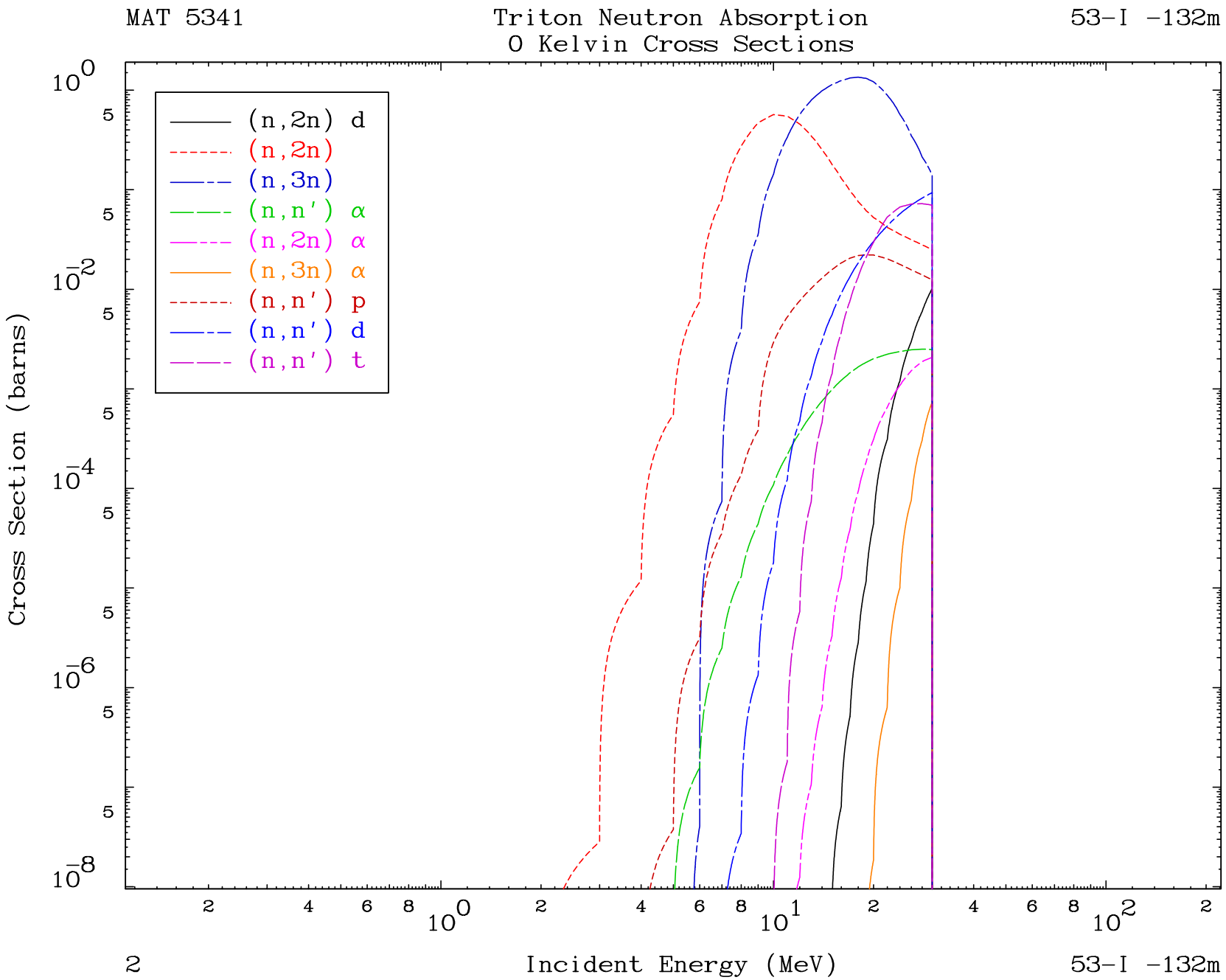
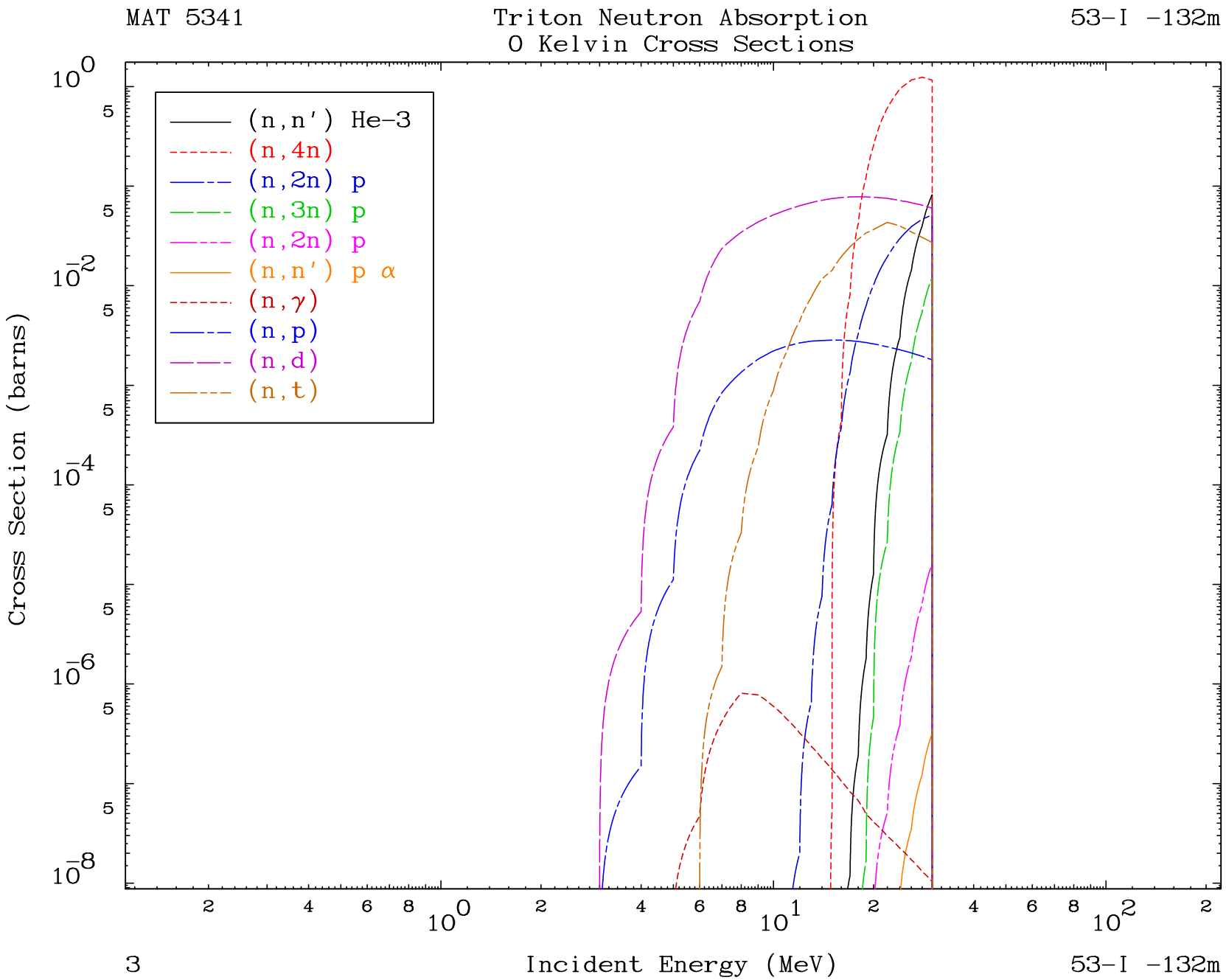
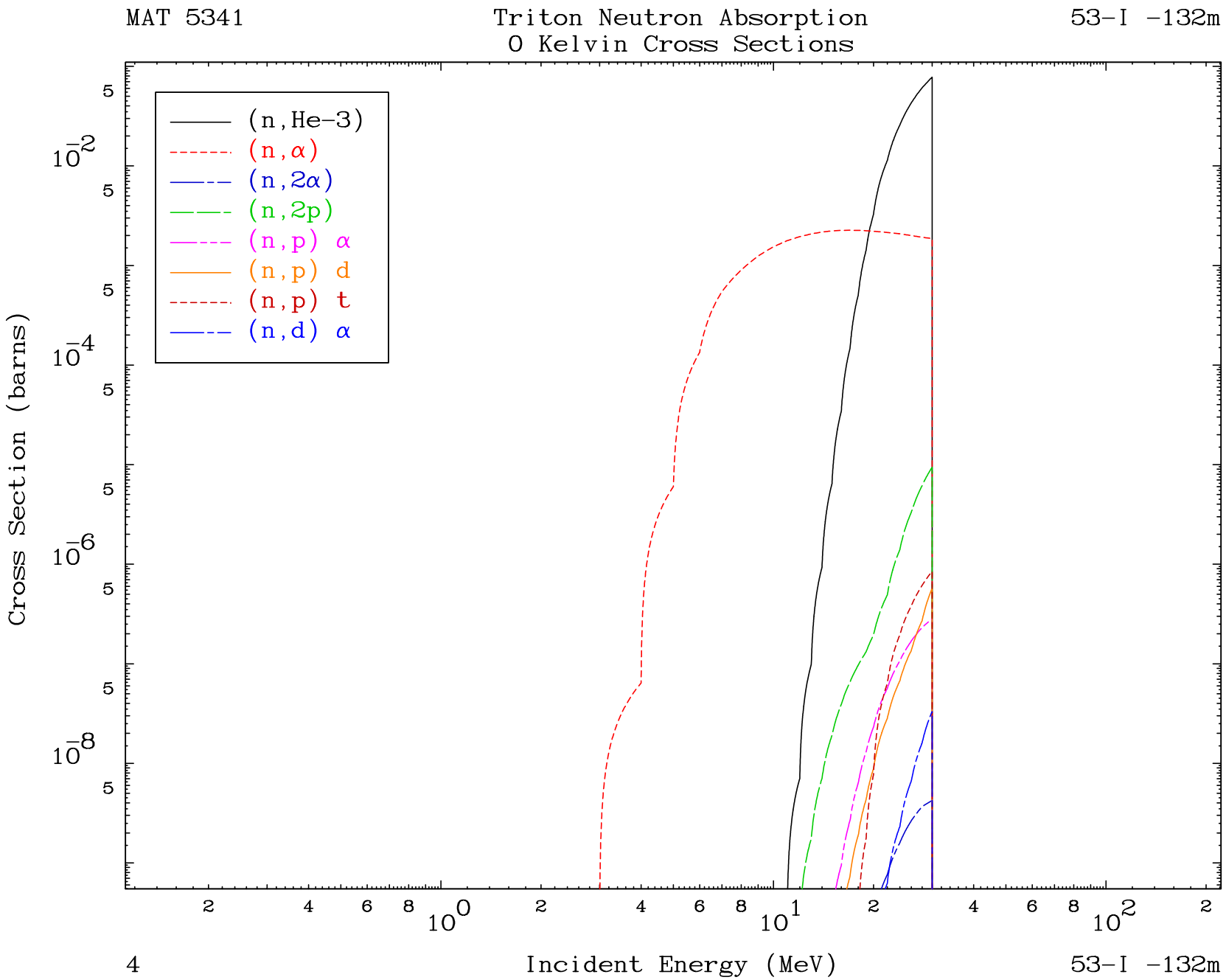
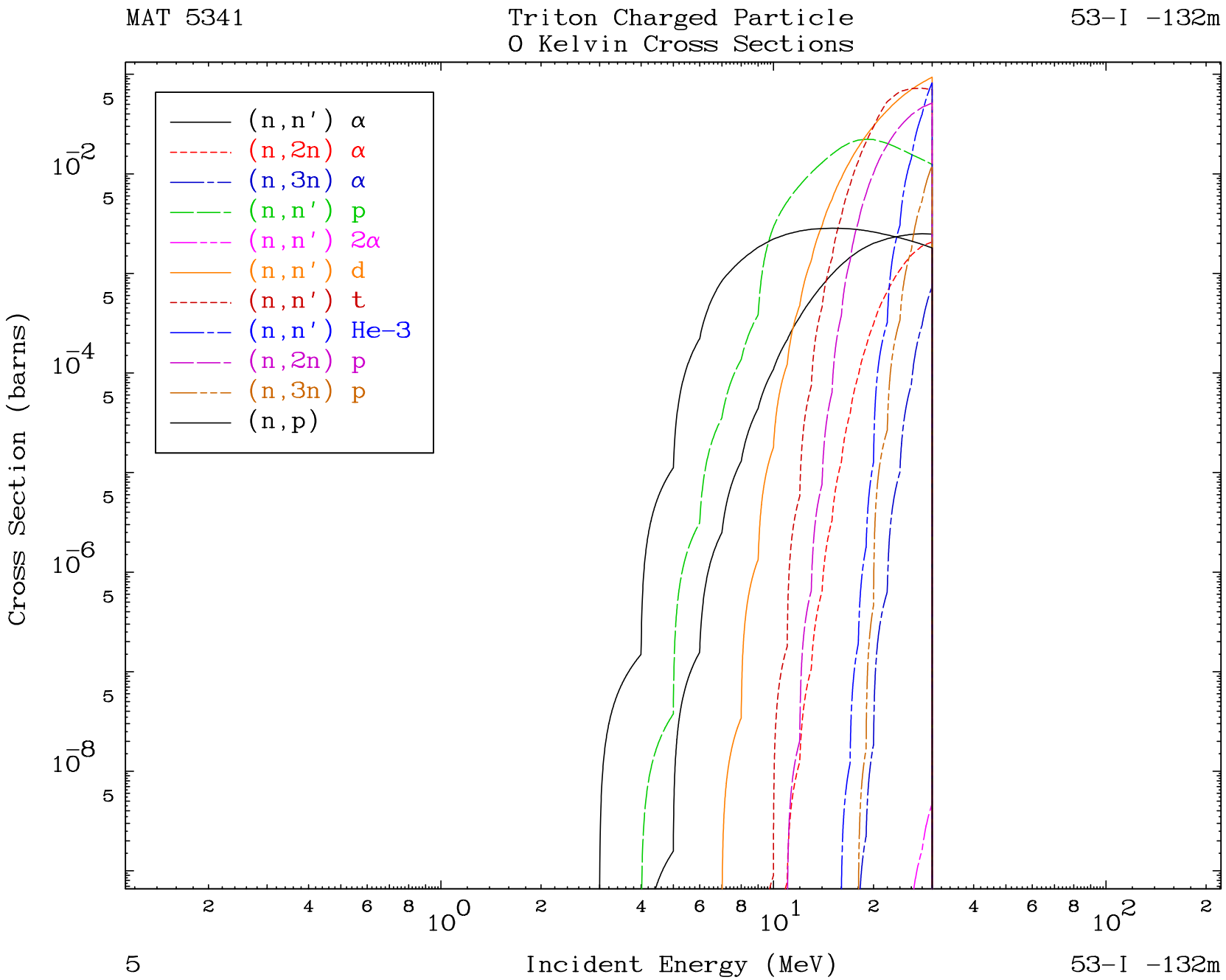
Press Mouse Button to Start

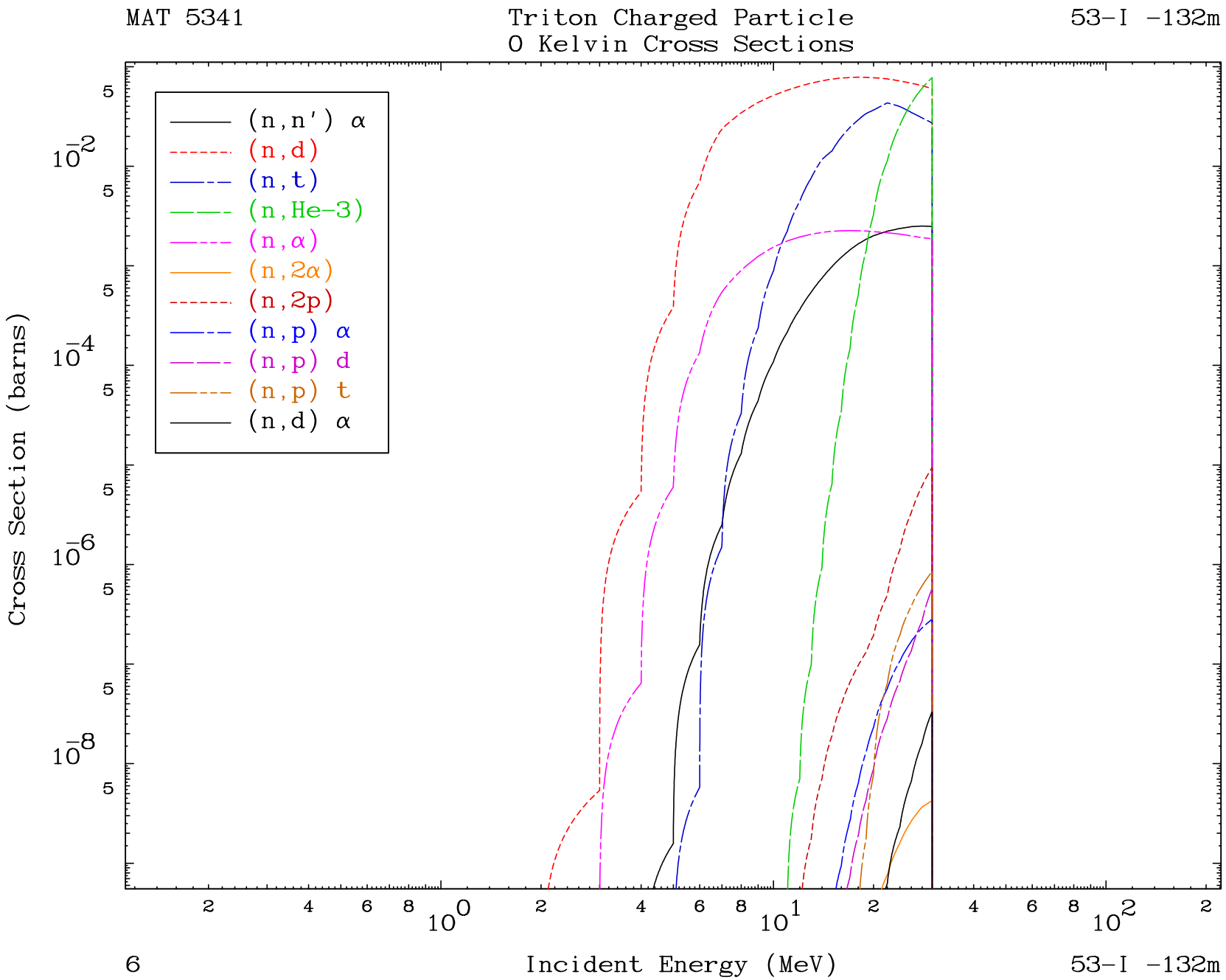

MAT 5341
Triton Major
53-I -132m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
53-I -132m

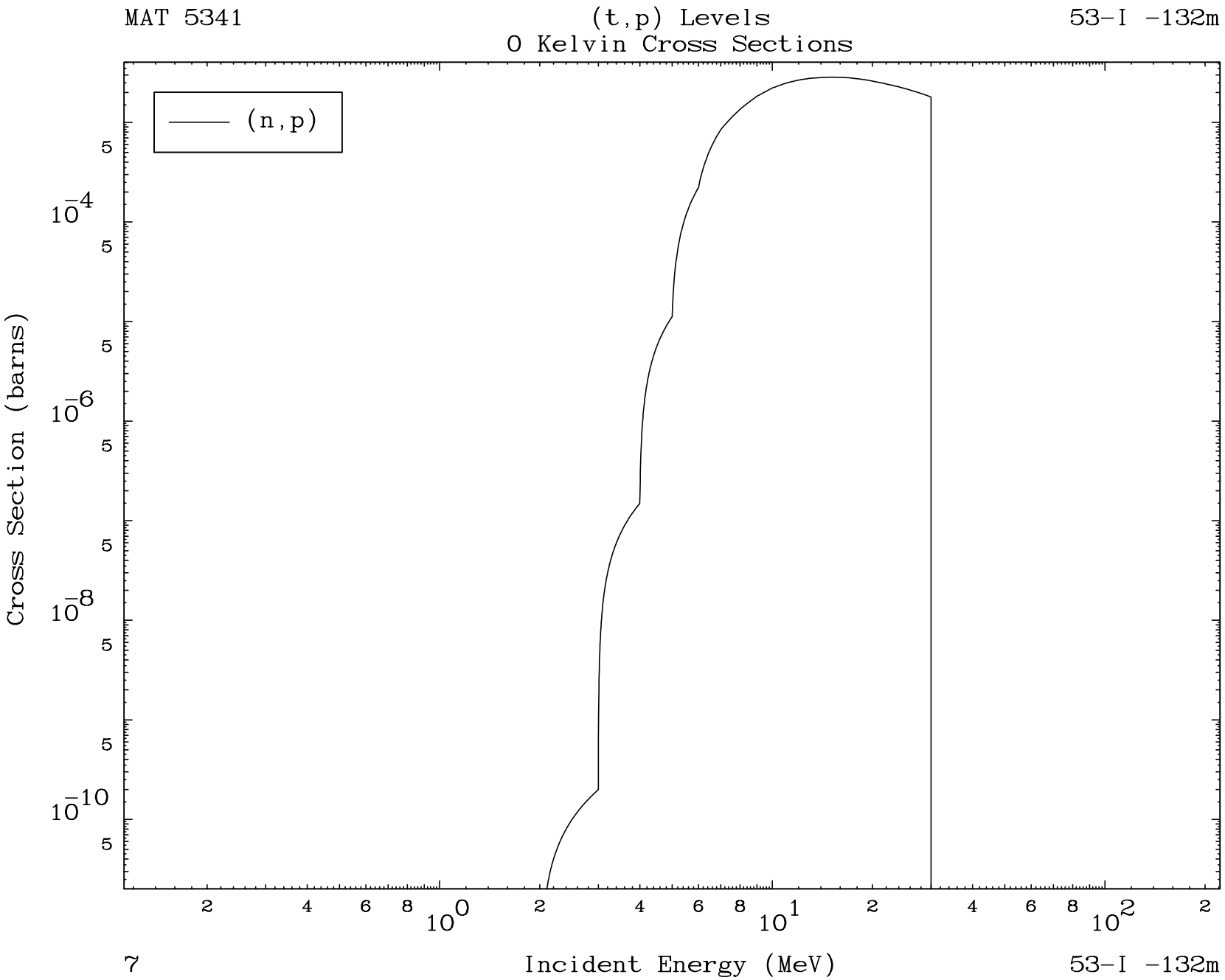

MAT 5341
Triton Neutron Absorption
0 Kelvin Cross Sections
53-I -132m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
53-I -132m
2

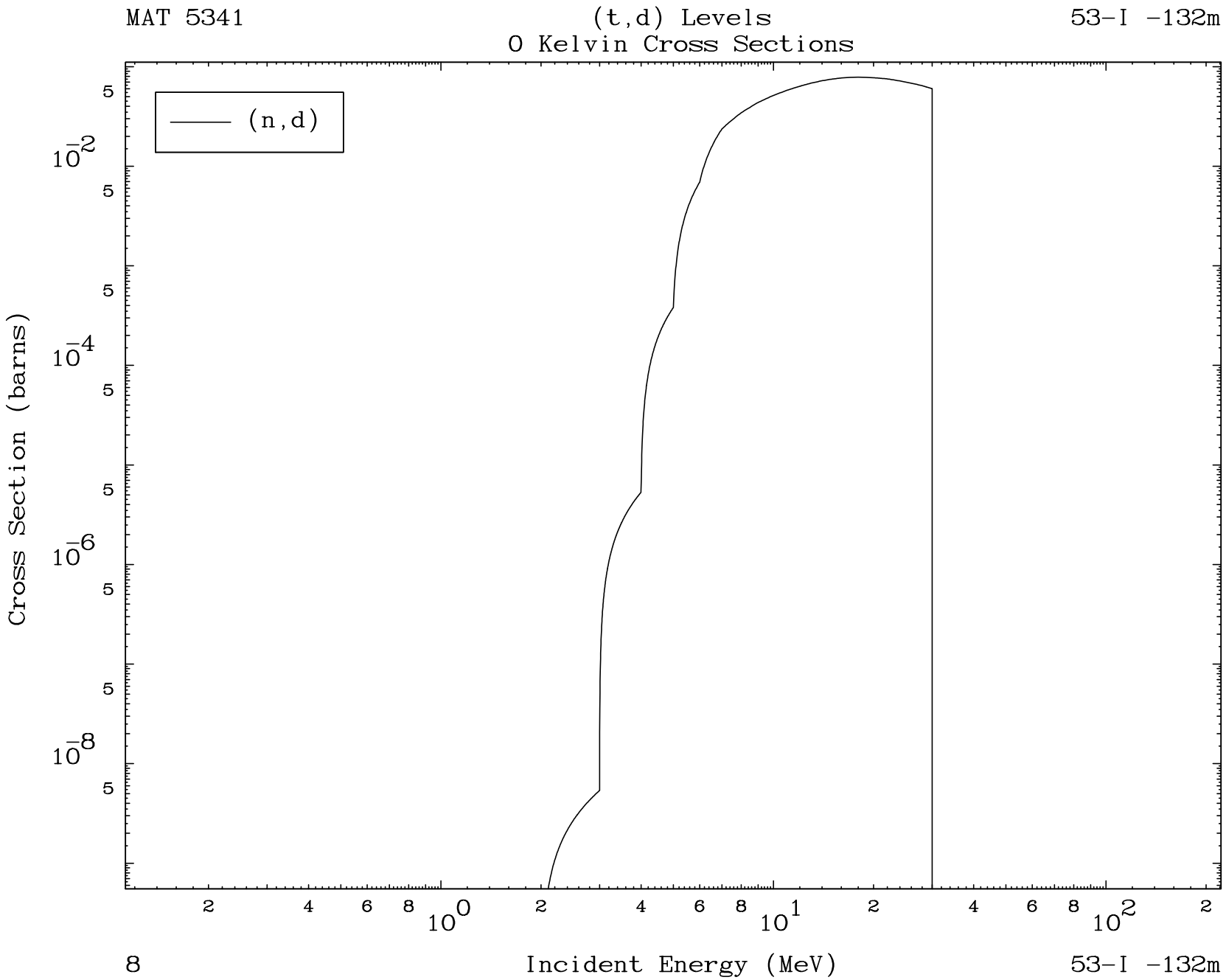

MAT 5341
Triton Neutron Absorption
0 Kelvin Cross Sections
53-I -132m
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
53-I -132m

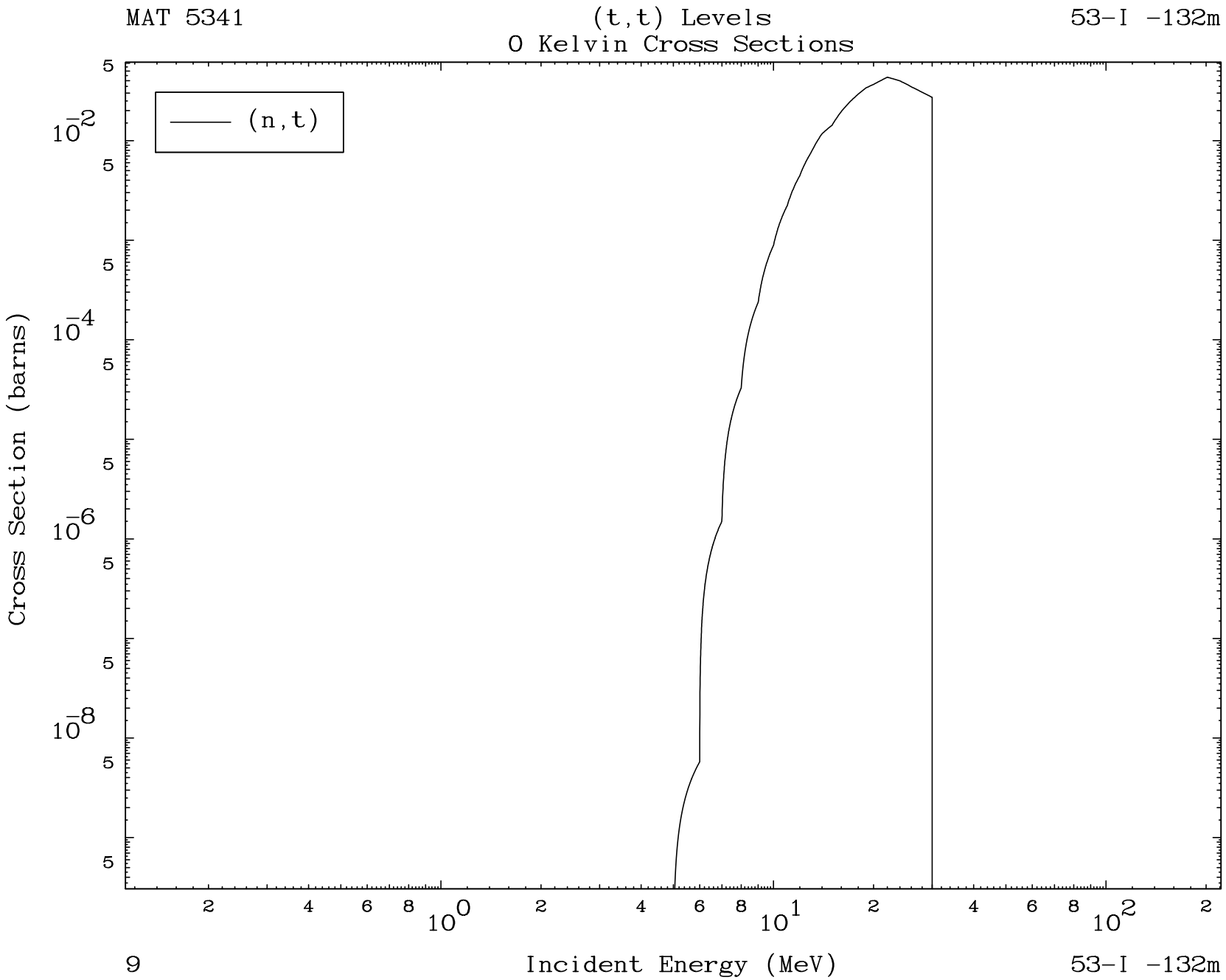

MAT 5341
Triton Neutron Absorption
0 Kelvin Cross Sections
53-I -132m
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
53-I -132m

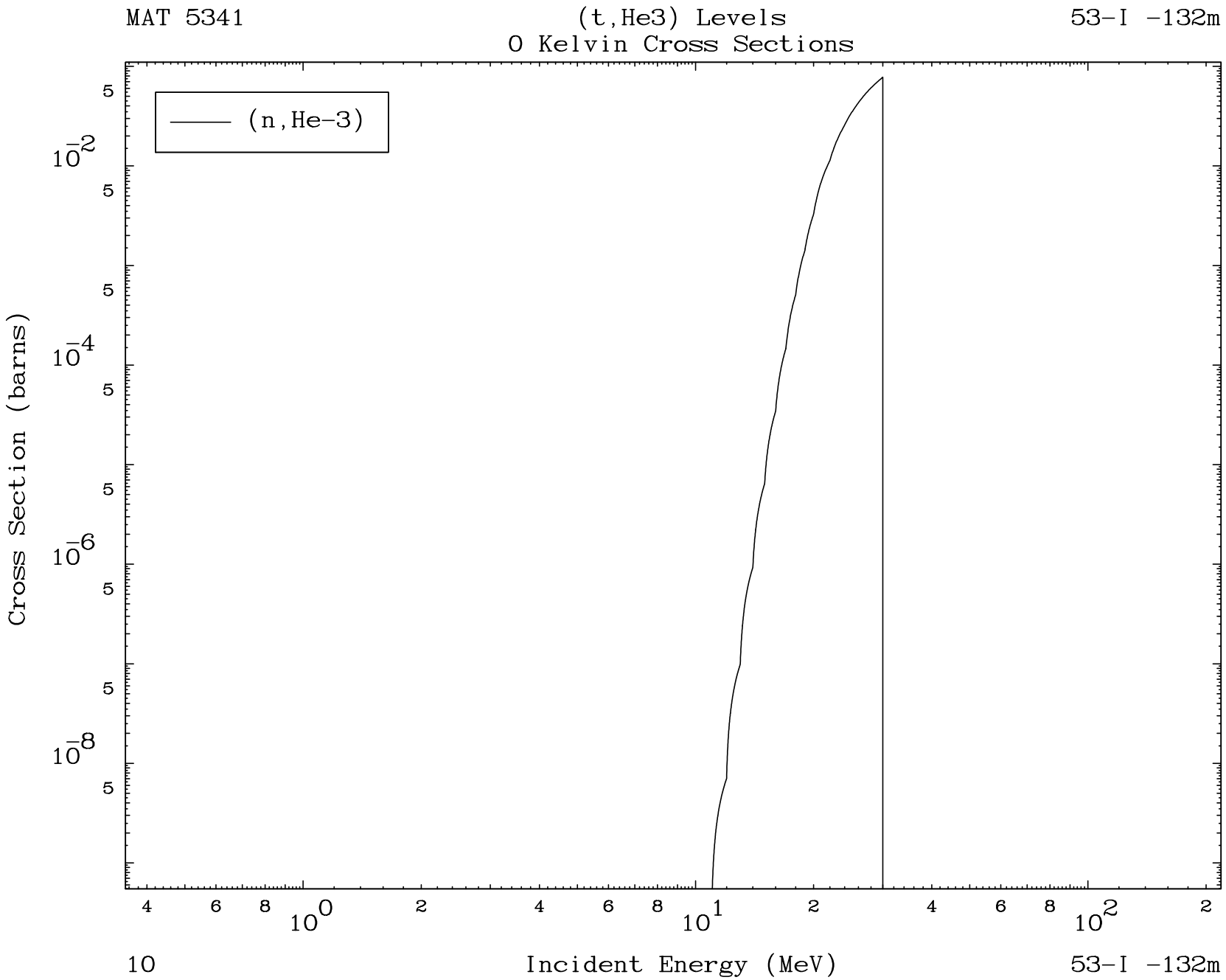

MAT 5341
Triton Charged Particle
0 Kelvin Cross Sections
53-I -132m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
5
53-I -132m

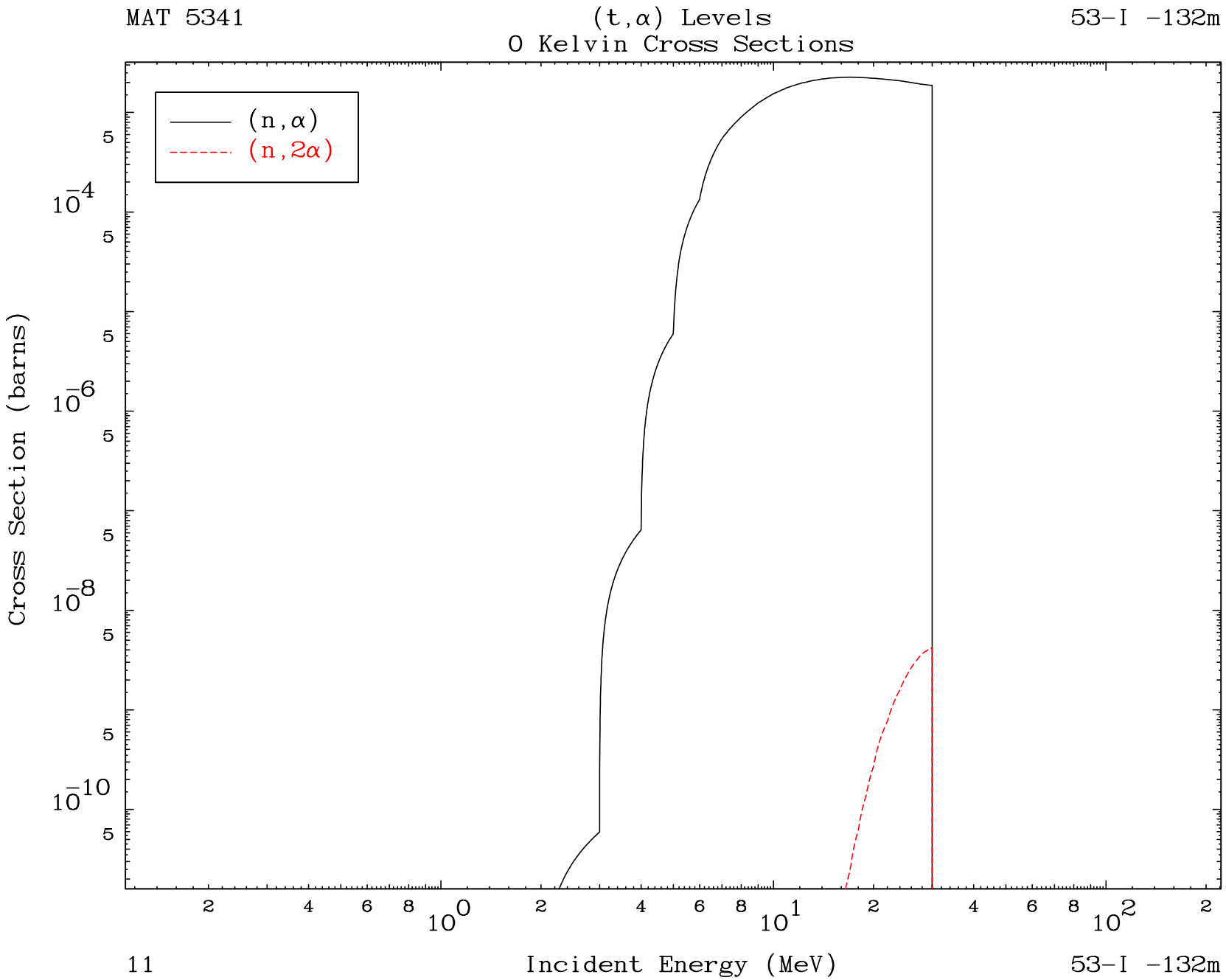

MAT 5341
Triton Charged Particle
0 Kelvin Cross Sections
53-I -132m
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
53-I -132m

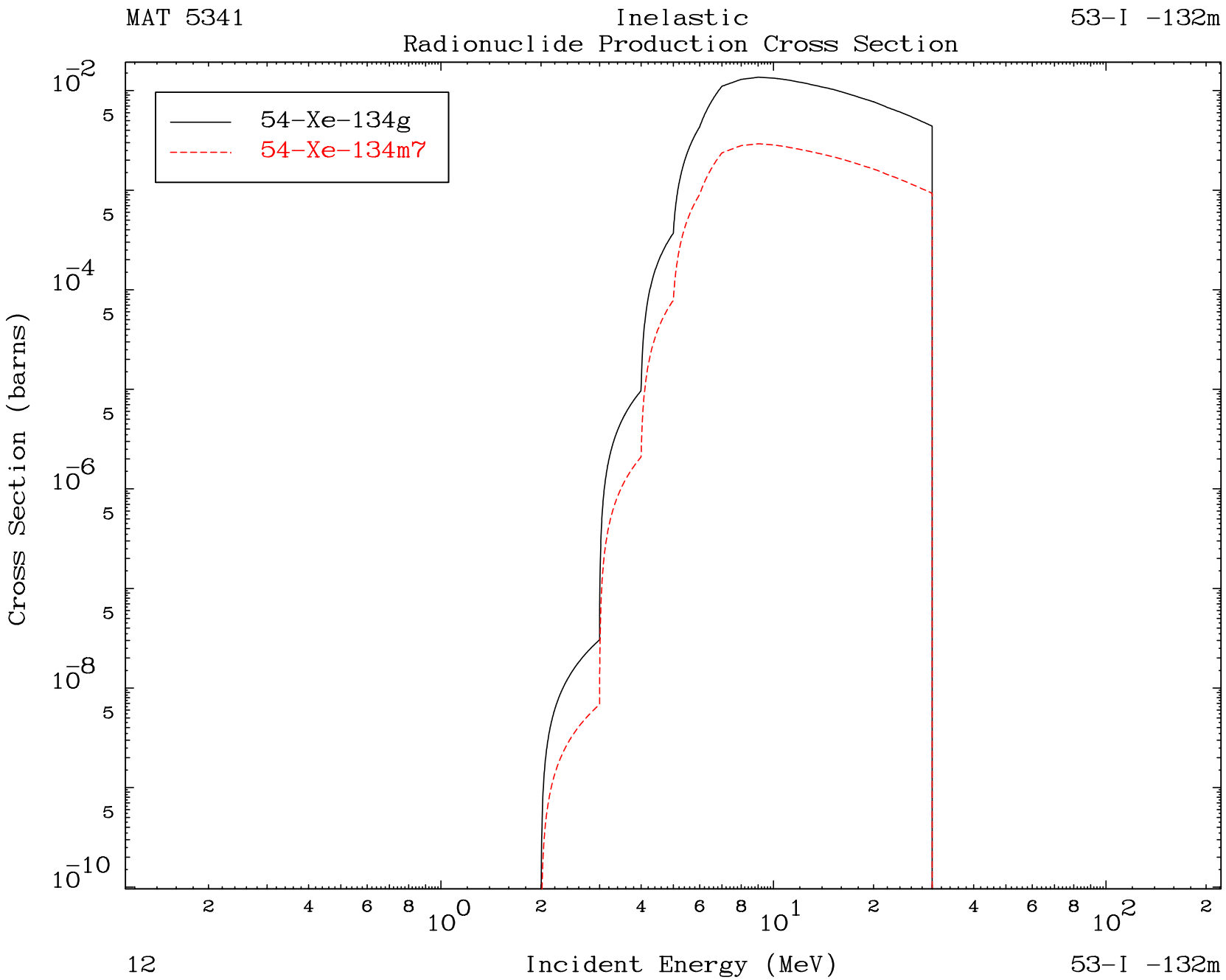

MAT 5341
(t,p) Levels
53-I -132m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
4
6
8
100
101
102
Incident Energy (MeV)
7
53-I -132m

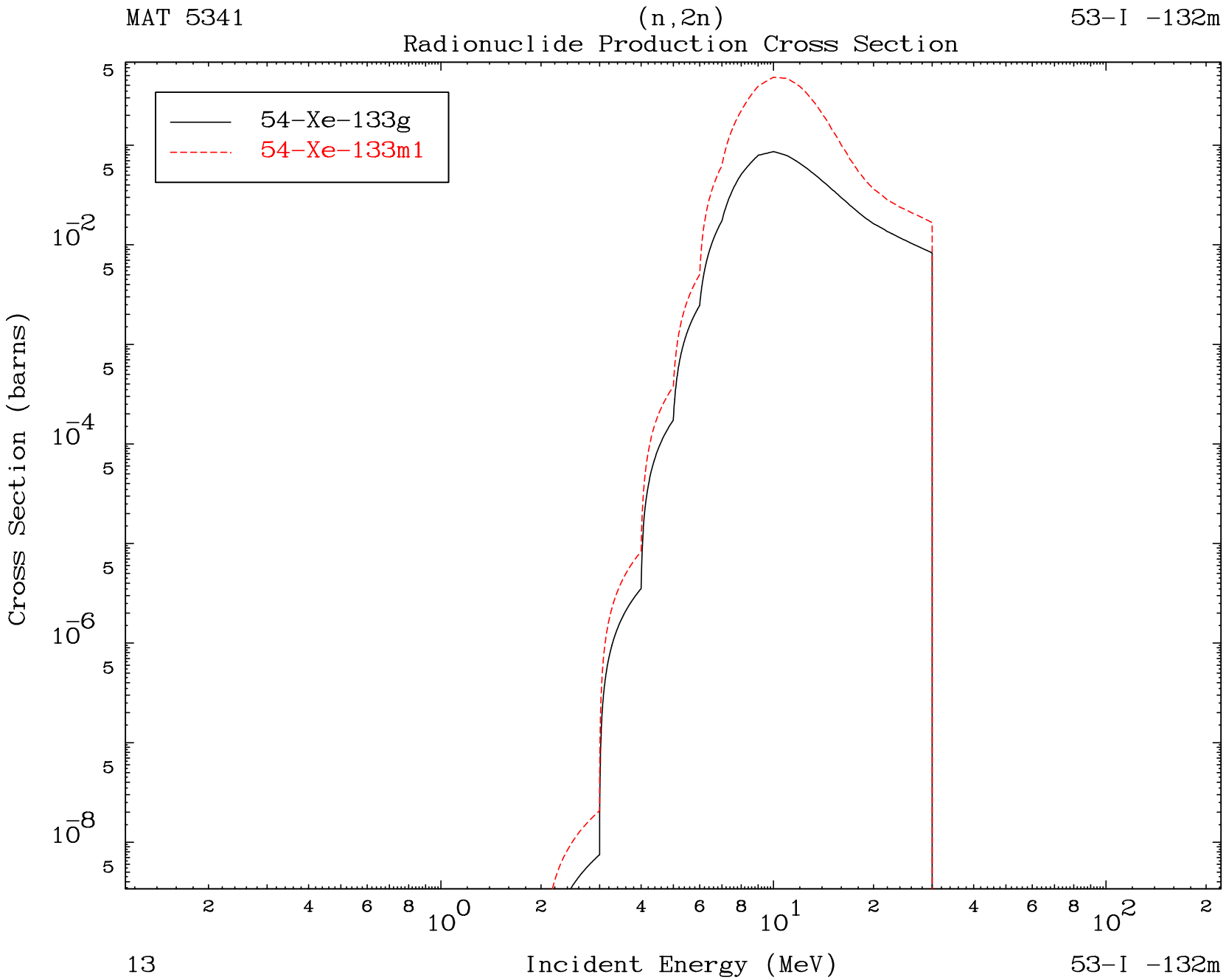

MAT 5341
(t,d) Levels
53-I -132m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
8
53-I -132m

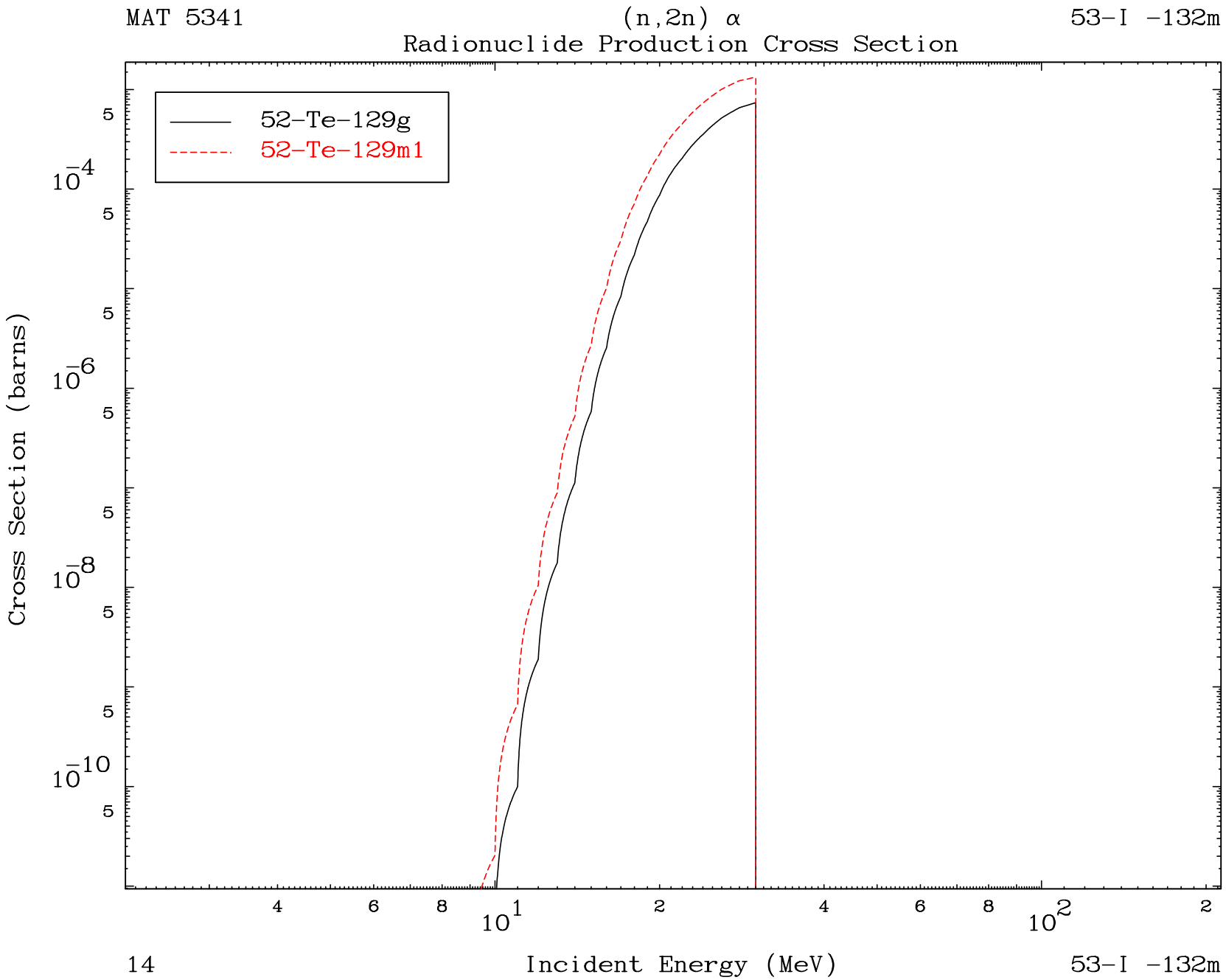

MAT 5341
(t,t) Levels
53-I -132m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
53-I -132m

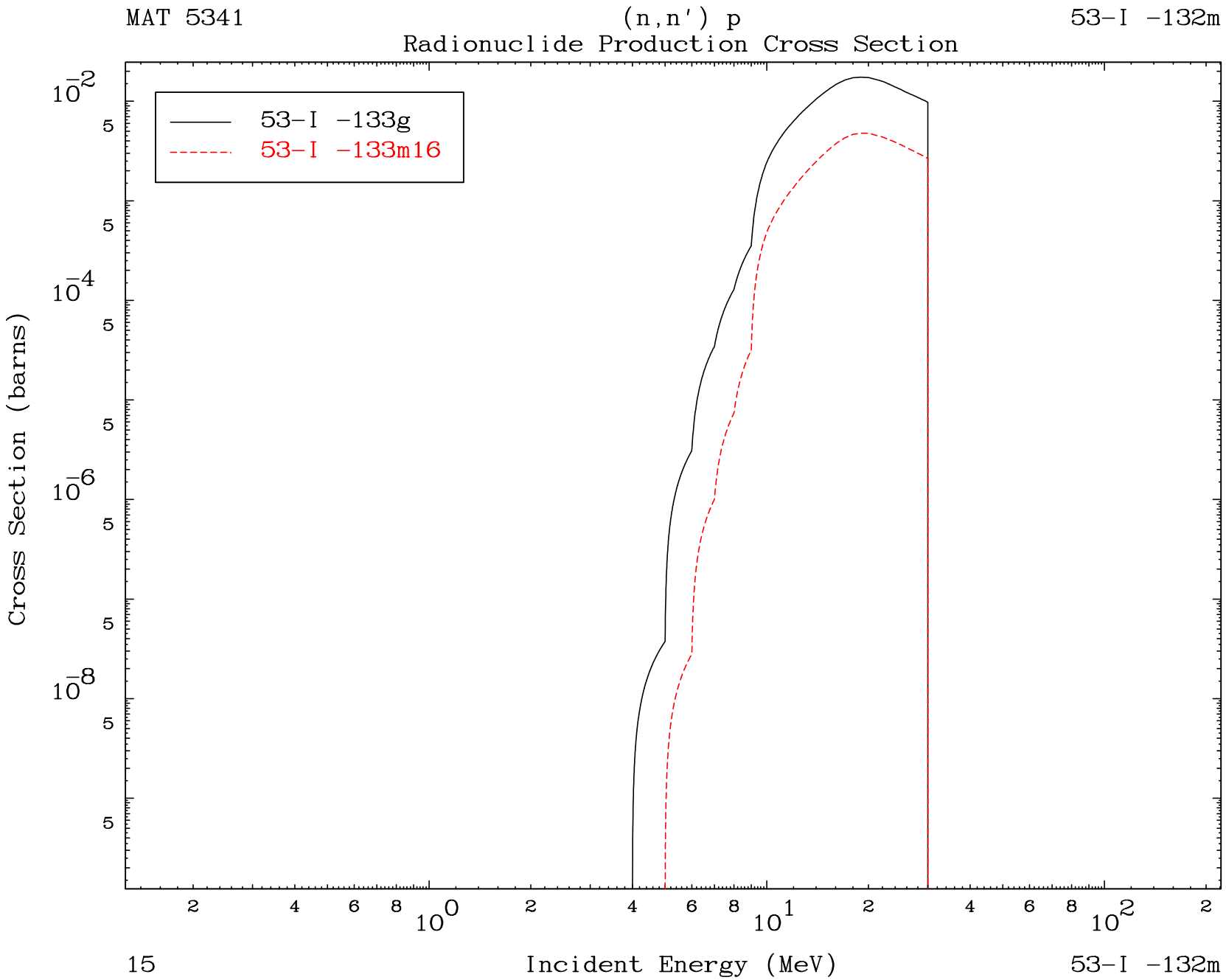

MAT 5341
(t,He3) Levels
53-I -132m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
53-I -132m

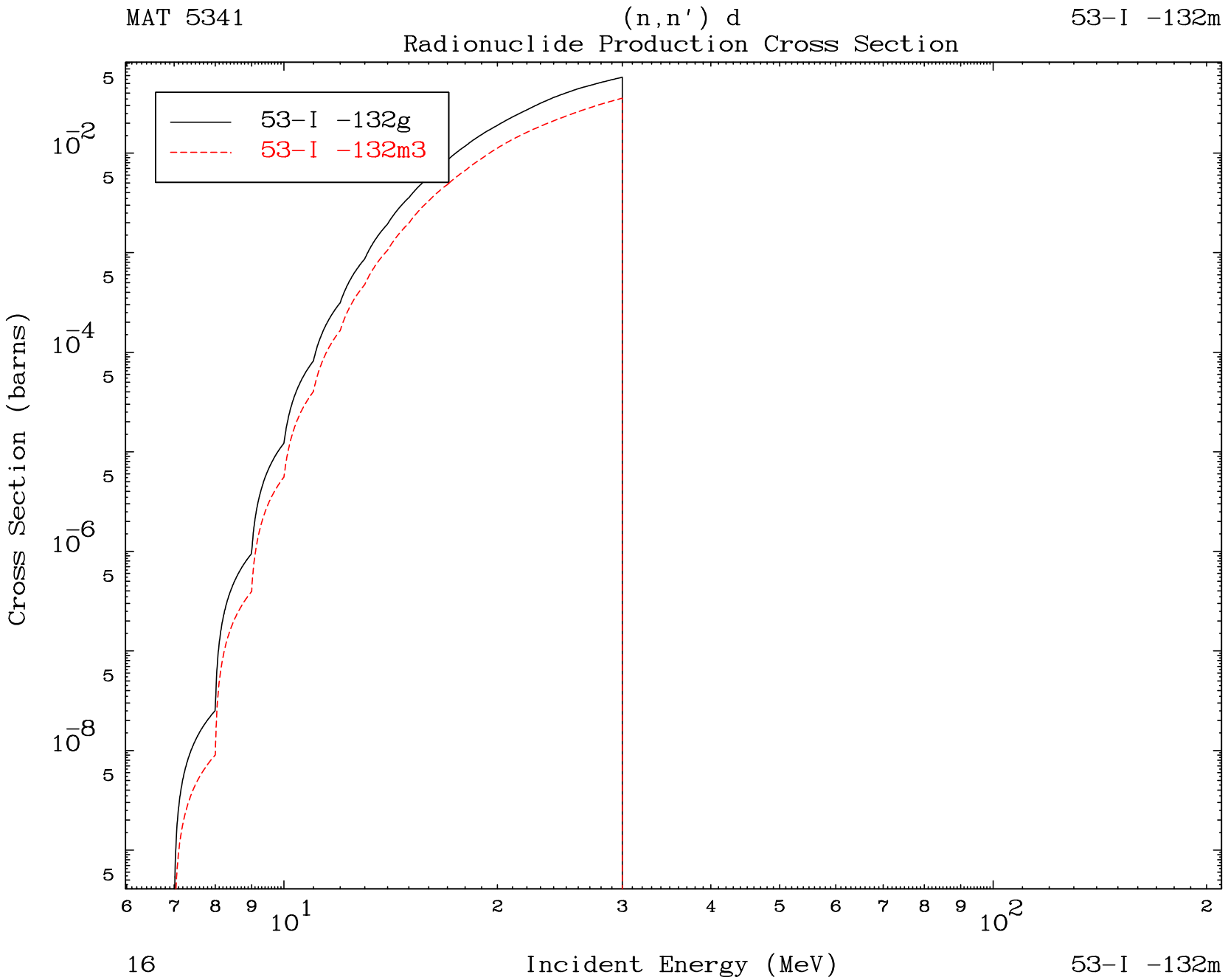

MAT 5341
(t,α) Levels
53-I -132m
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
11
53-I -132m

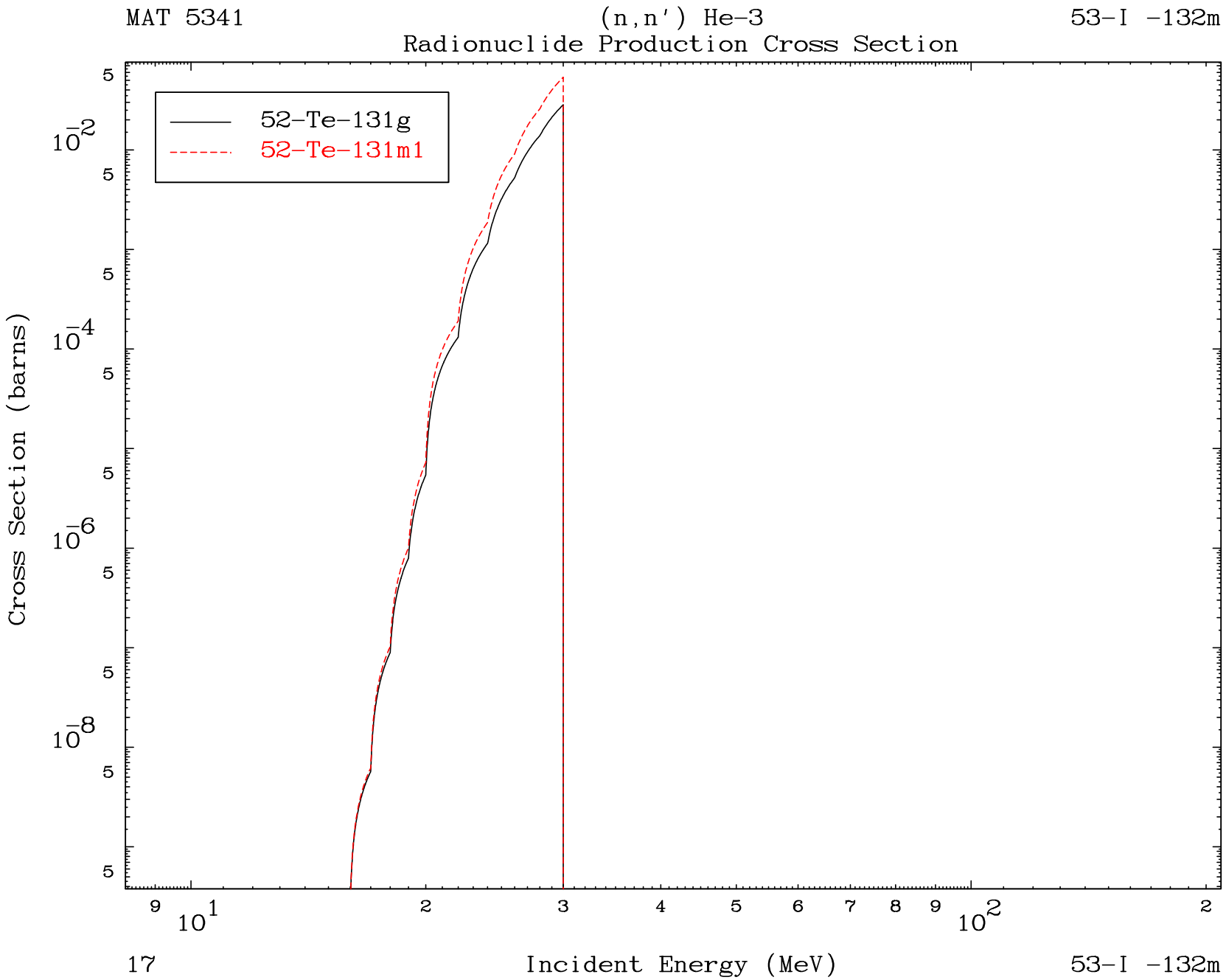

MAT 5341
Inelastic
53-I -132m
Radionuclide Production Cross Section
54-Xe-134g
54-Xe-134m7
Cross Section (barns)
Incident Energy (MeV)
12
53-I -132m

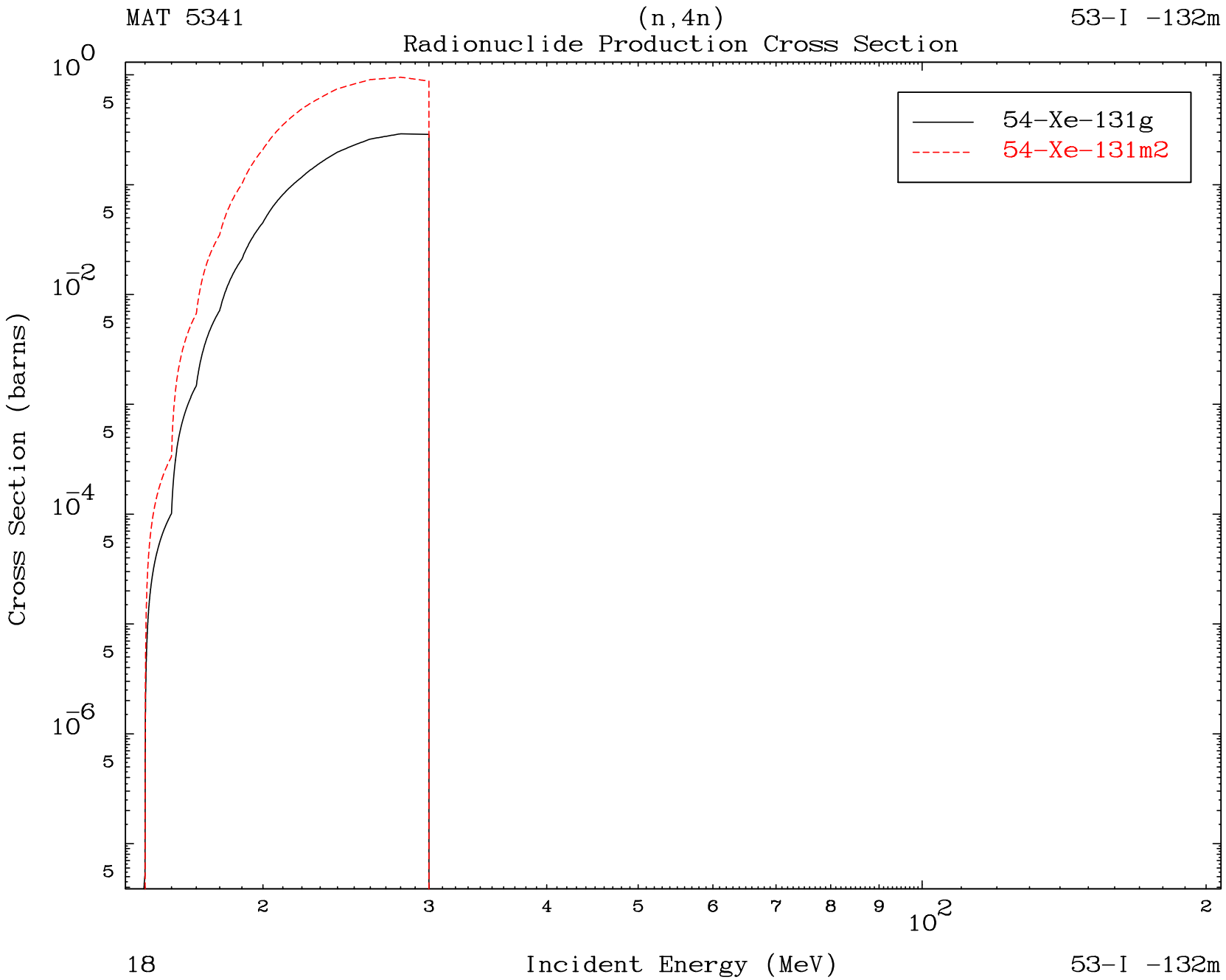

MAT 5341
(n,2n)
53-I -132m
Radionuclide Production Cross Section
54-Xe-133g
54-Xe-133m1
Cross Section (barns)
Incident Energy (MeV)
13
53-I -132m

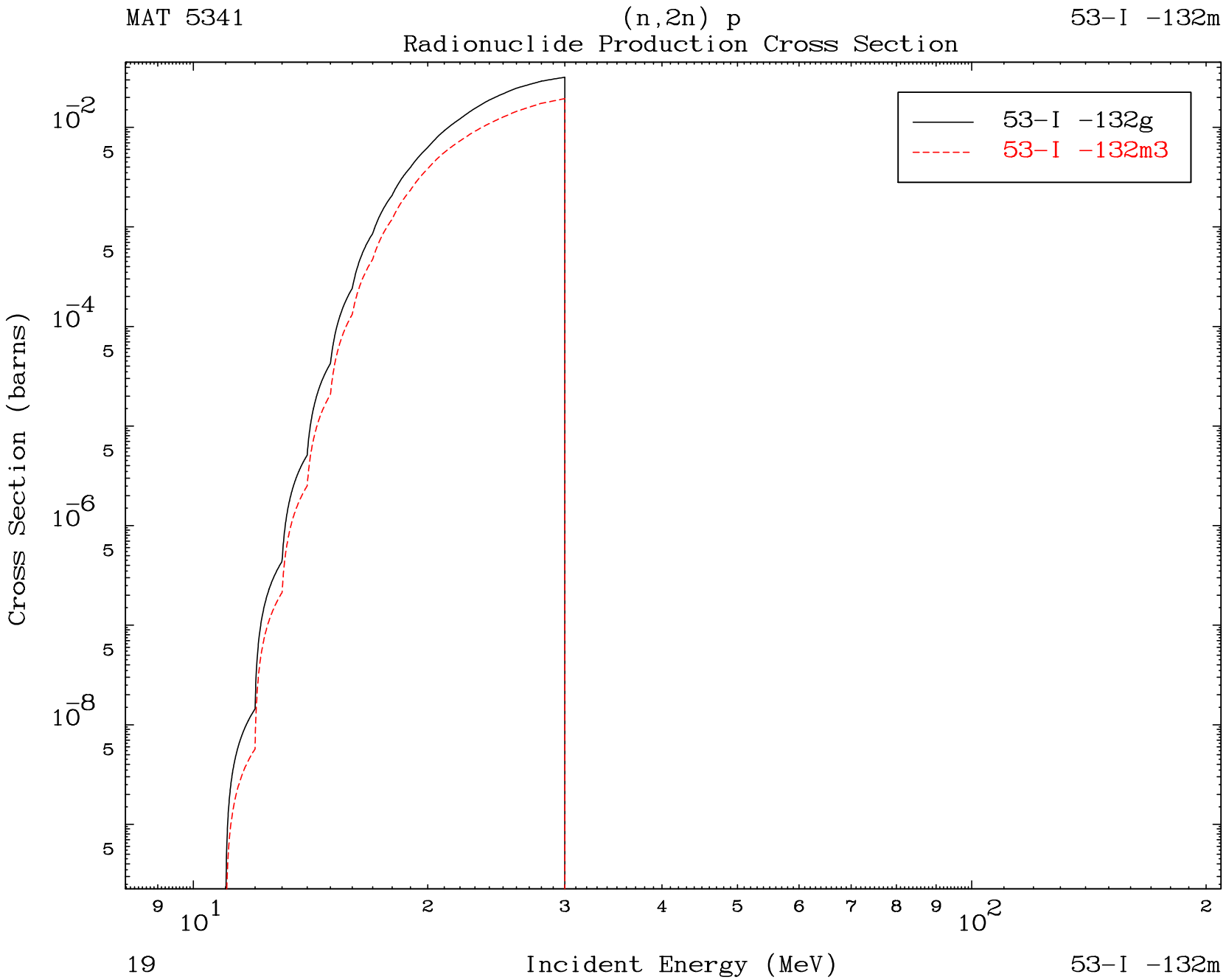

MAT 5341
(n,2n) α
53-I -132m
Radionuclide Production Cross Section
52-Te-129g
52-Te-129m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
14
53-I -132m

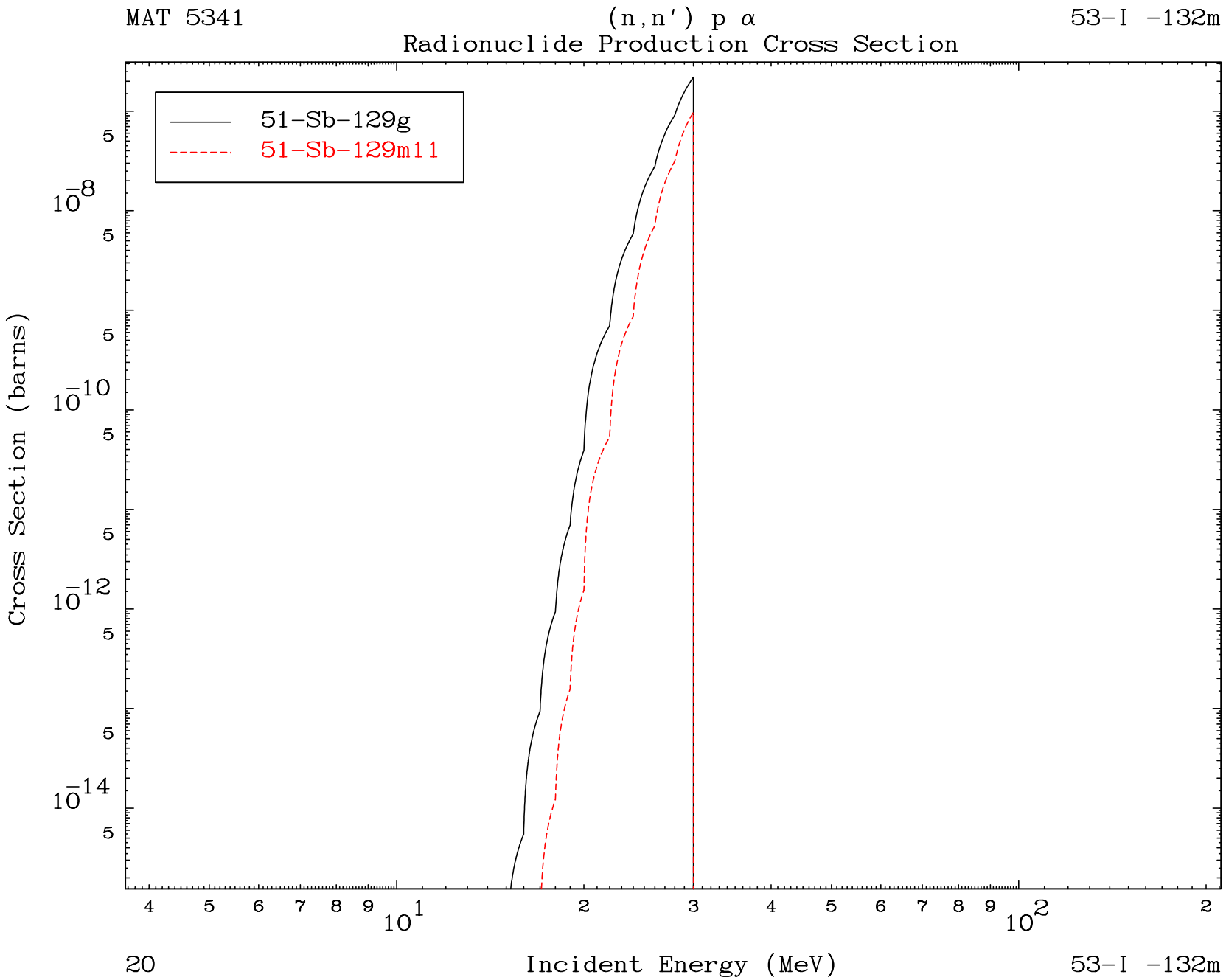

MAT 5341
(n,n') p
53-I -132m
Radionuclide Production Cross Section
53-I -133g
53-I -133m16
Cross Section (barns)
Incident Energy (MeV)
15
53-I -132m

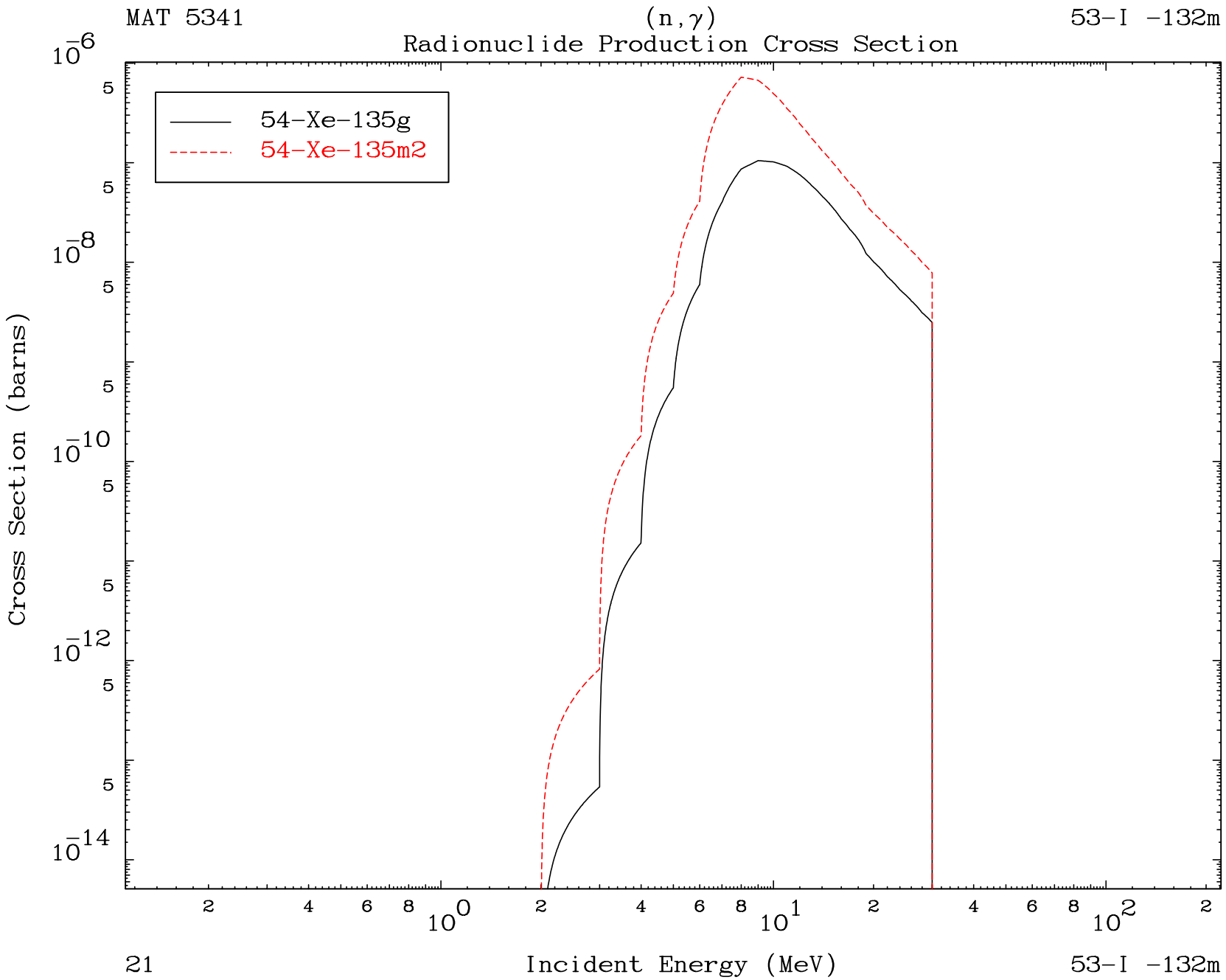

MAT 5341
(n,n') d
53-I -132m
Radionuclide Production Cross Section
53-I -132g
53-I -132m3
Cross Section (barns)
Incident Energy (MeV)
16
53-I -132m

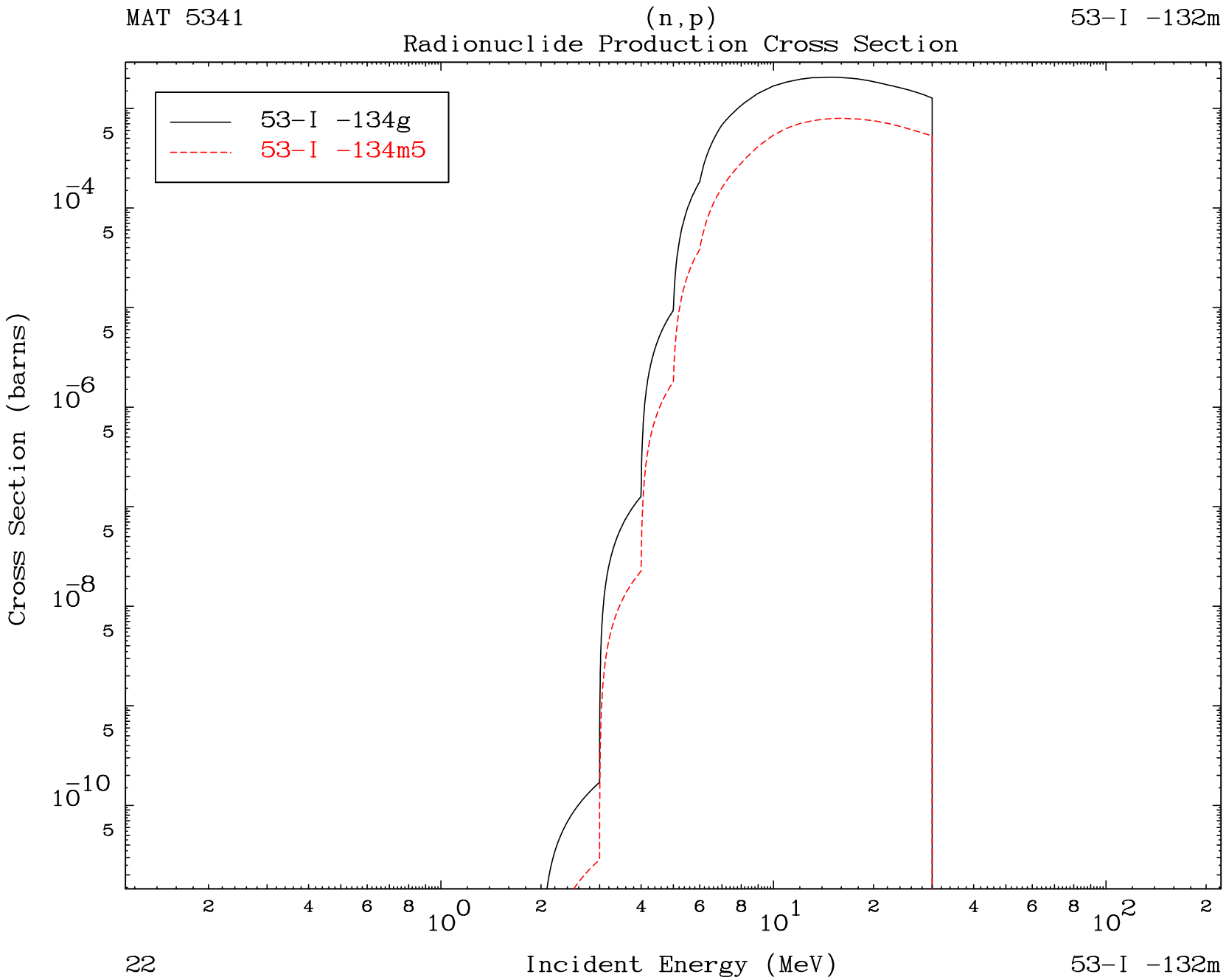

MAT 5341
(n,n') He-3
53-I -132m
Radionuclide Production Cross Section
52-Te-131g
52-Te-131m1
Cross Section (barns)
Incident Energy (MeV)
17
53-I -132m

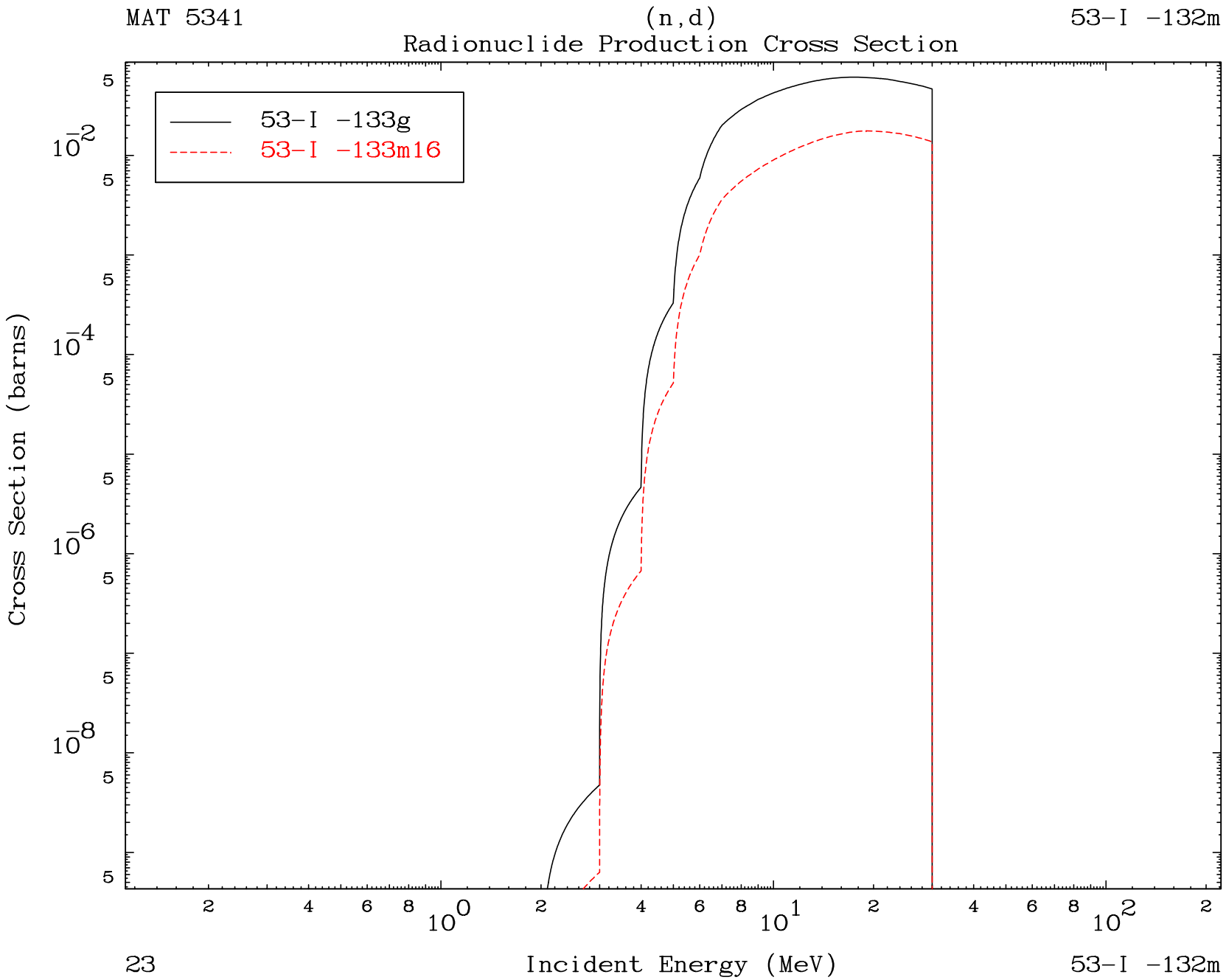

MAT 5341
(n,4n)
53-I -132m
Radionuclide Production Cross Section
54-Xe-131g
54-Xe-131m2
Cross Section (barns)
Incident Energy (MeV)
18
53-I -132m

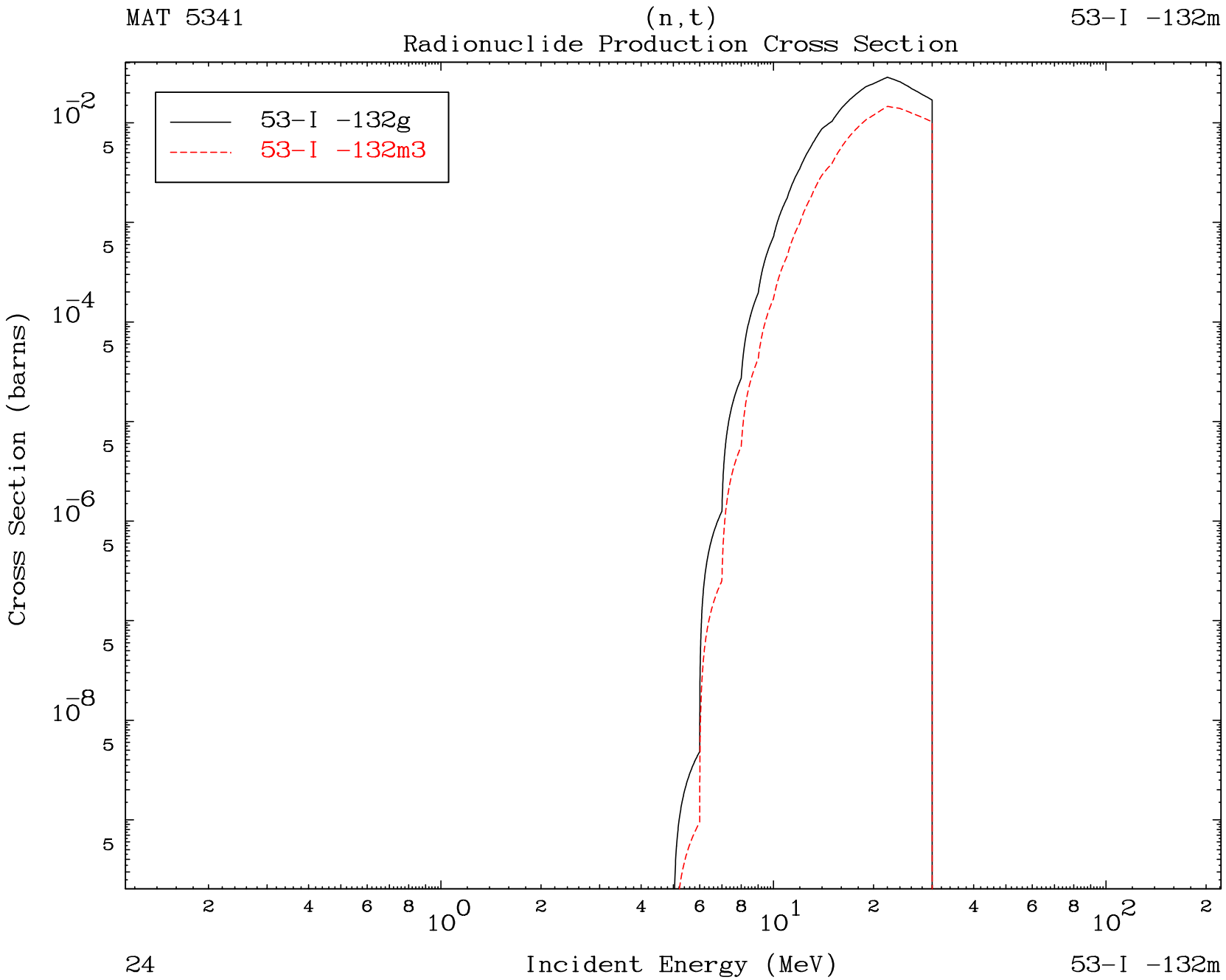

MAT 5341
(n,2n) p
53-I -132m
Radionuclide Production Cross Section
53-I -132g
53-I -132m3
Cross Section (barns)
10-2
10-4
10-6
10-8
5
9
10 1
2
3
4
5
6
7
8
9
10 2
2
19
Incident Energy (MeV)
53-I -132m

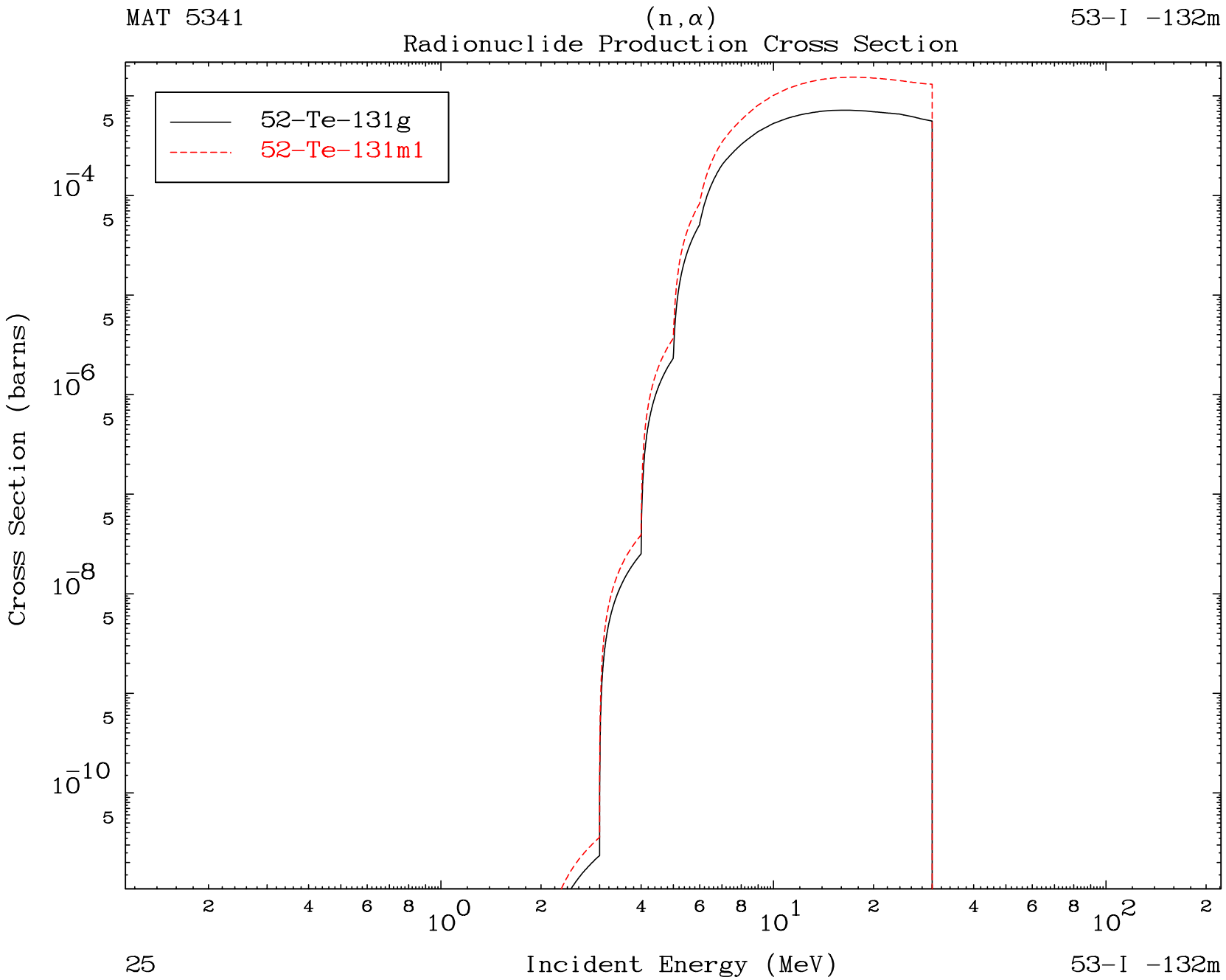

MAT 5341
(n,n') p α
53-I -132m
Radionuclide Production Cross Section
51-Sb-129g
51-Sb-129m11
Cross Section (barns)
10-8
10-10
10-12
10-14
5
4 5 6 7 8 9 10 1
2 3 4 5 6 7 8 9 10 2
2
20
Incident Energy (MeV)
53-I -132m

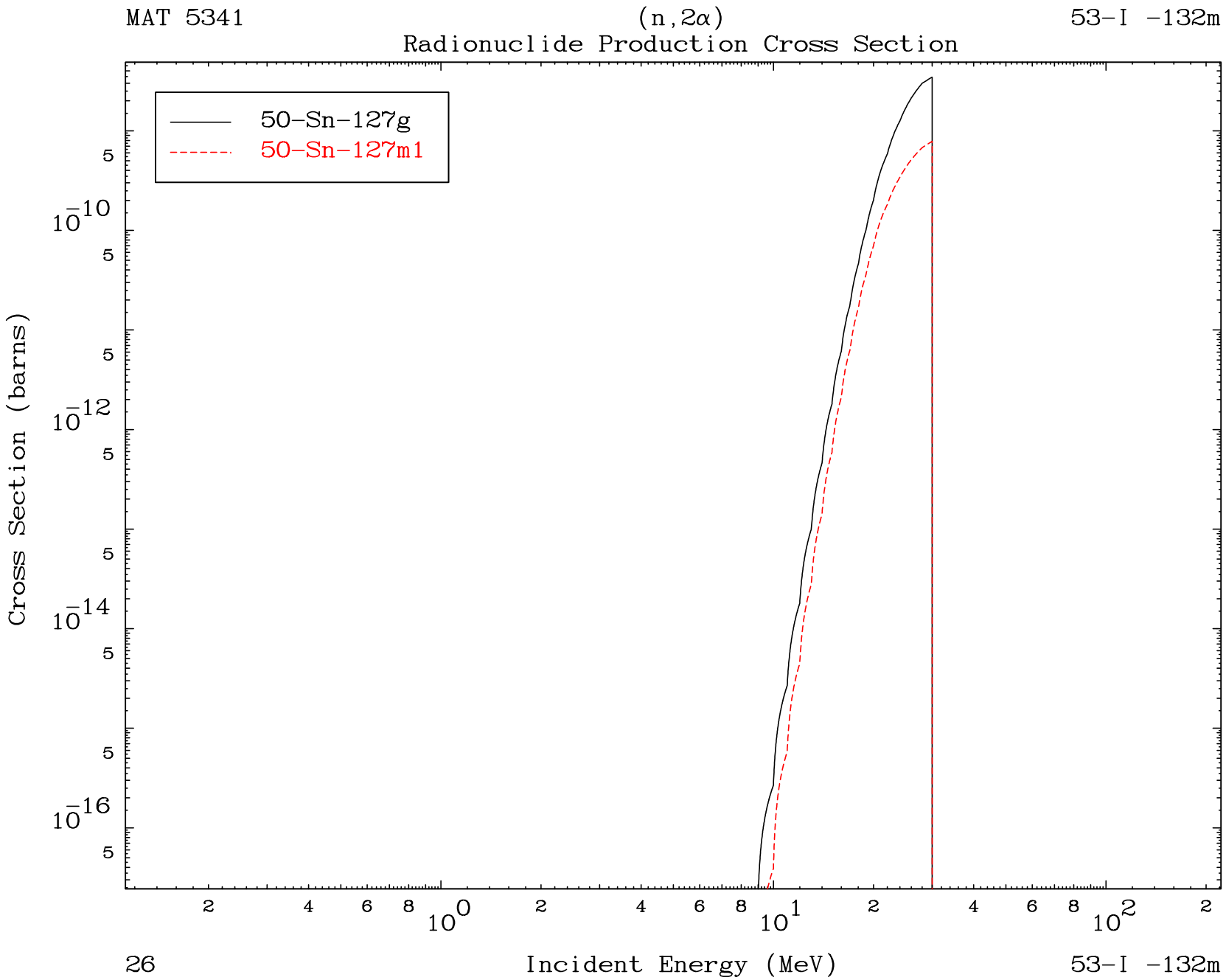

MAT 5341
(n,γ)
53-I -132m
Radionuclide Production Cross Section
54-Xe-135g
54-Xe-135m2
Cross Section (barns)
Incident Energy (MeV)
21
53-I -132m

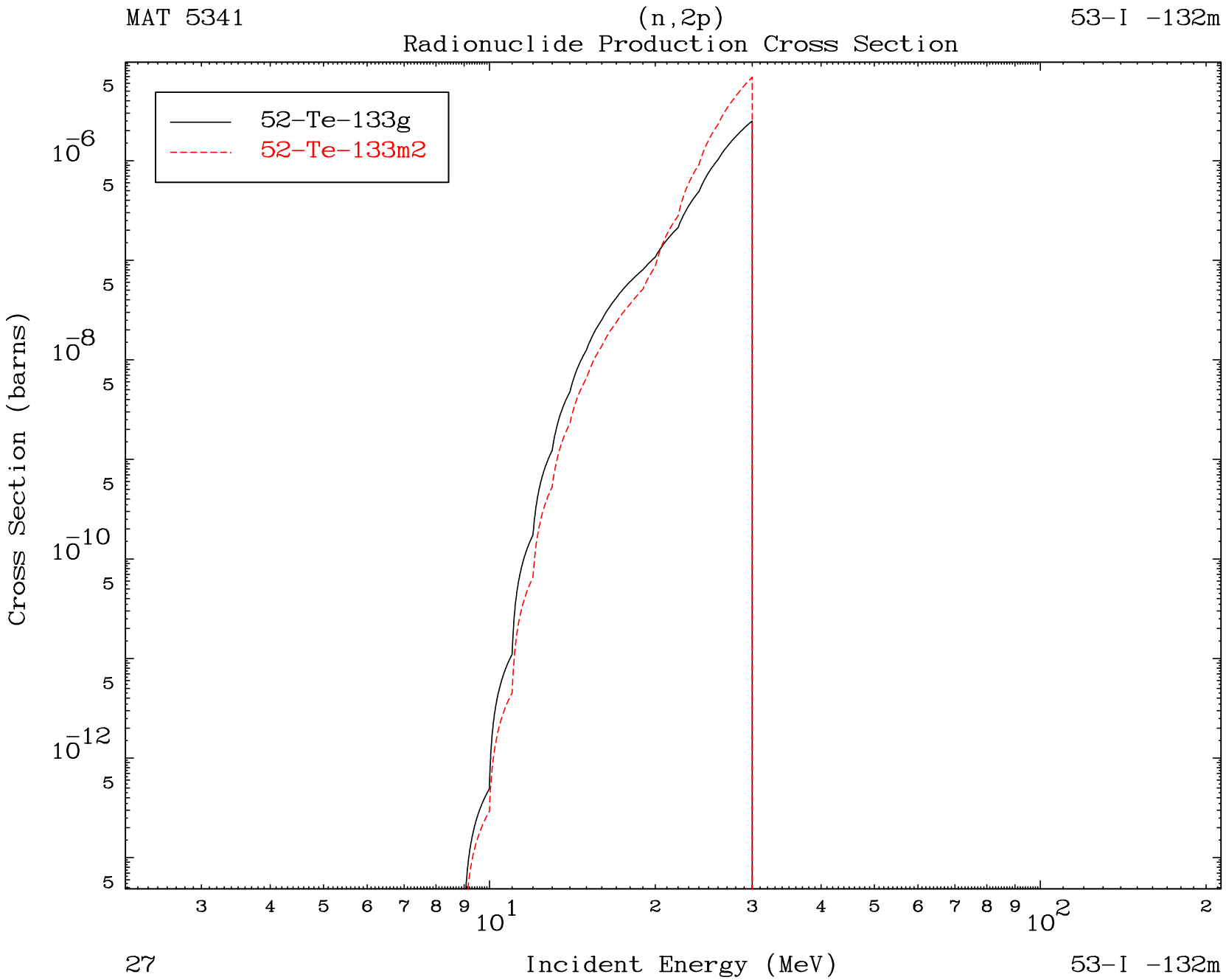

MAT 5341
(n,p)
53-I -132m
Radionuclide Production Cross Section
53-I -134g
53-I -134m5
Cross Section (barns)
Incident Energy (MeV)
22
53-I -132m

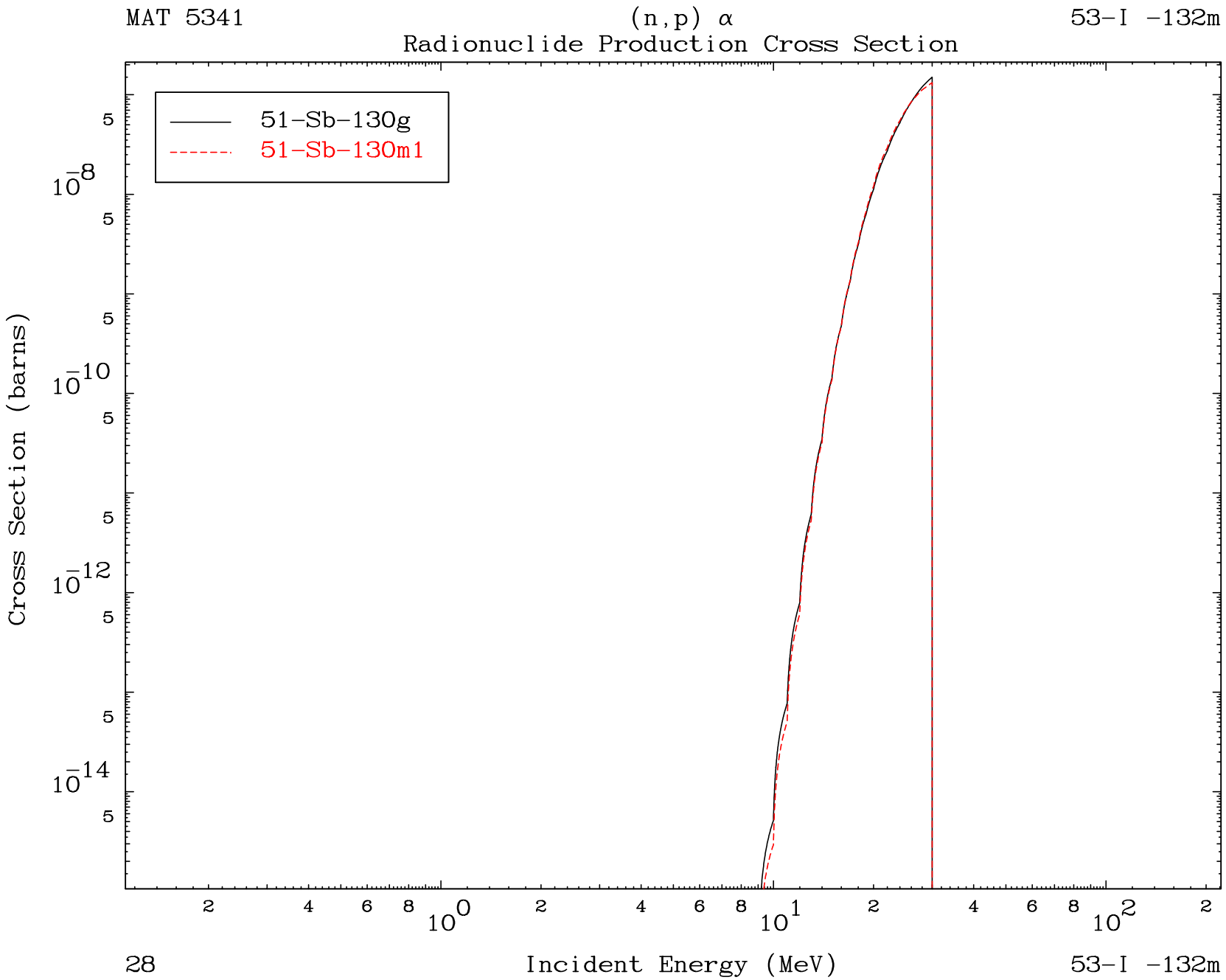

MAT 5341
(n,d)
53-I -132m
Radionuclide Production Cross Section
53-I -133g
53-I -133m16
Cross Section (barns)
Incident Energy (MeV)
23
53-I -132m

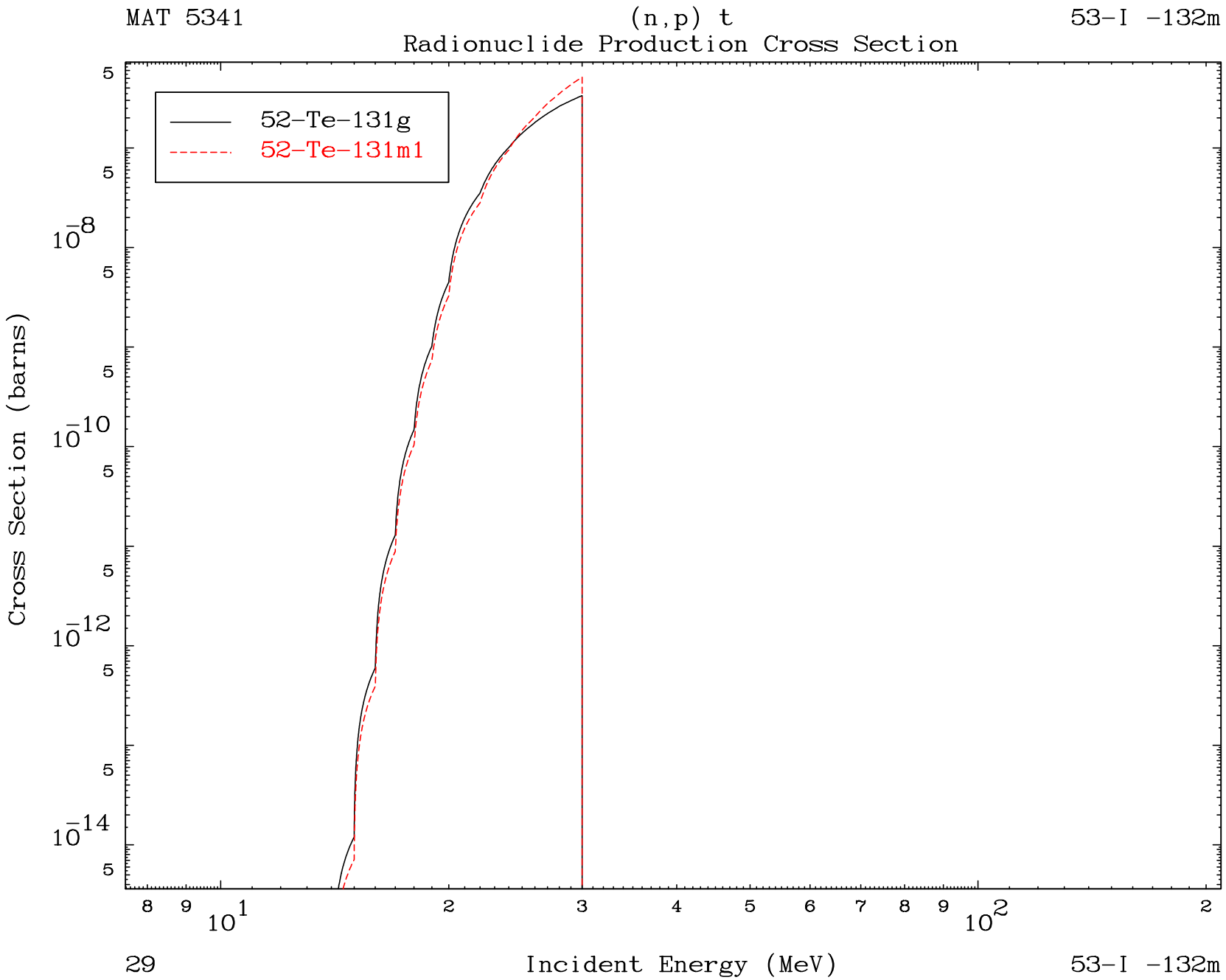

MAT 5341
(n,t)
53-I -132m
Radionuclide Production Cross Section
53-I -132g
53-I -132m3
Cross Section (barns)
Incident Energy (MeV)
24
53-I -132m

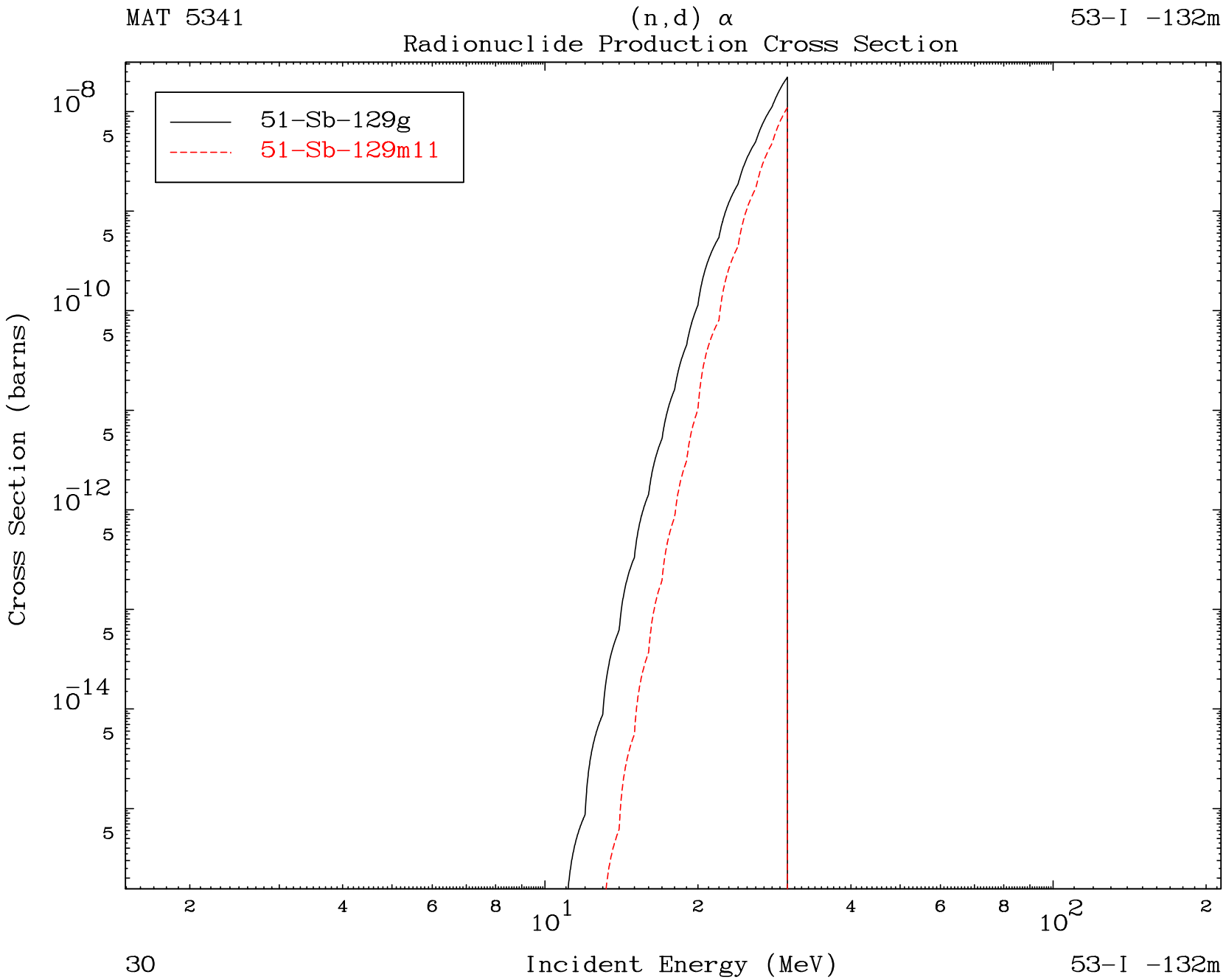

MAT 5341
(n,α)
53-I -132m
Radionuclide Production Cross Section
52-Te-131g
52-Te-131m1
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
25
53-I -132m


MAT 5341
(n,2α)
53-I -132m
Radionuclide Production Cross Section
50-Sn-127g
50-Sn-127m1
Cross Section (barns)
Incident Energy (MeV)
26
53-I -132m


MAT 5341
(n,2p)
53-I -132m
Radionuclide Production Cross Section
52-Te-133g
52-Te-133m2
Cross Section (barns)
Incident Energy (MeV)
27
53-I -132m


MAT 5341
(n,p) α
53-I -132m
Radionuclide Production Cross Section
51-Sb-130g
51-Sb-130m1
Cross Section (barns)
Incident Energy (MeV)
28
53-I -132m


MAT 5341
(n,p) t
53-I -132m
Radionuclide Production Cross Section
52-Te-131g
52-Te-131m1
Cross Section (barns)
Incident Energy (MeV)
29
53-I -132m


MAT 5341
(n,d) α
53-I -132m
Radionuclide Production Cross Section
51-Sb-129g
51-Sb-129m11
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
4
6
8
101
102
30
Incident Energy (MeV)
53-I -132m