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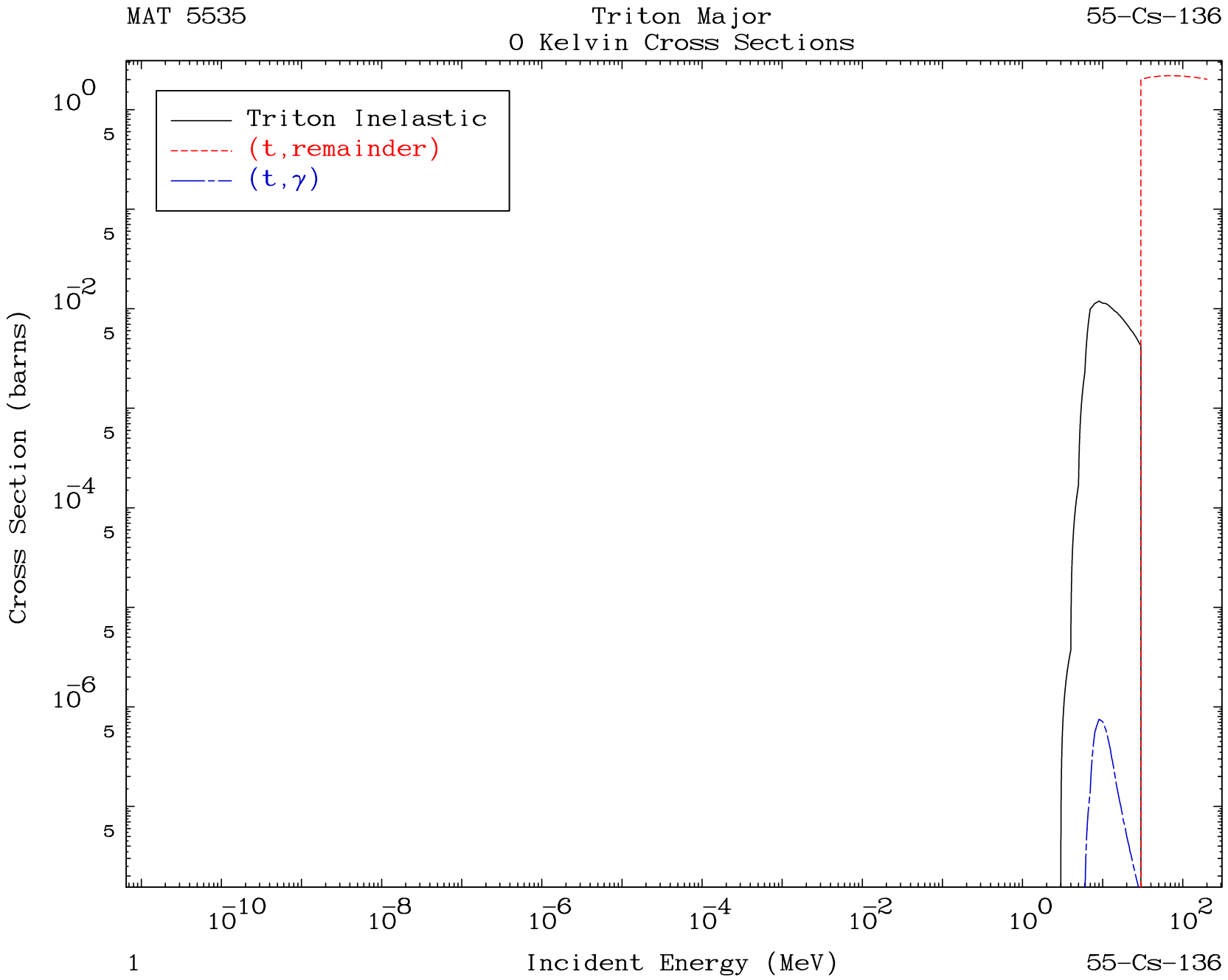
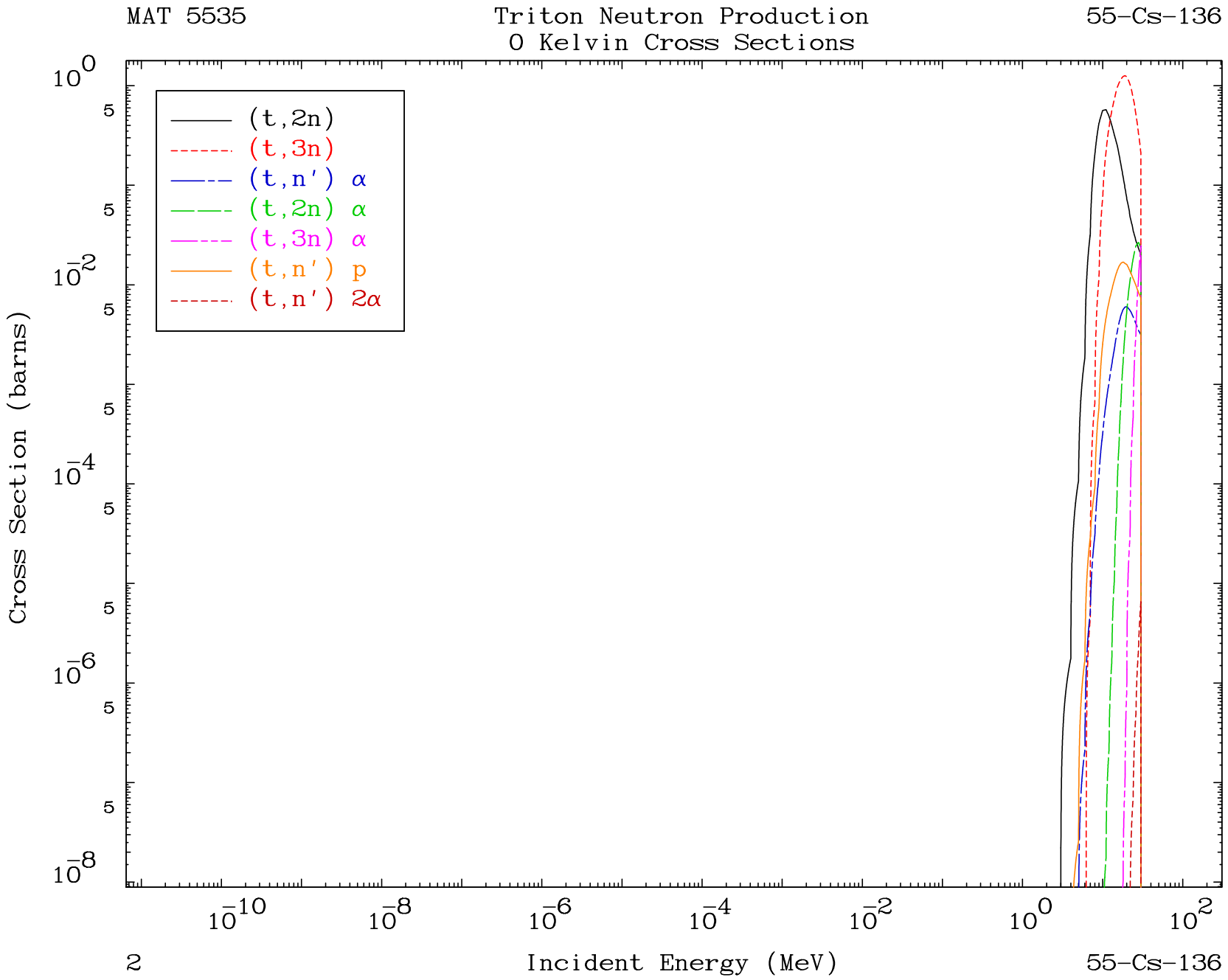
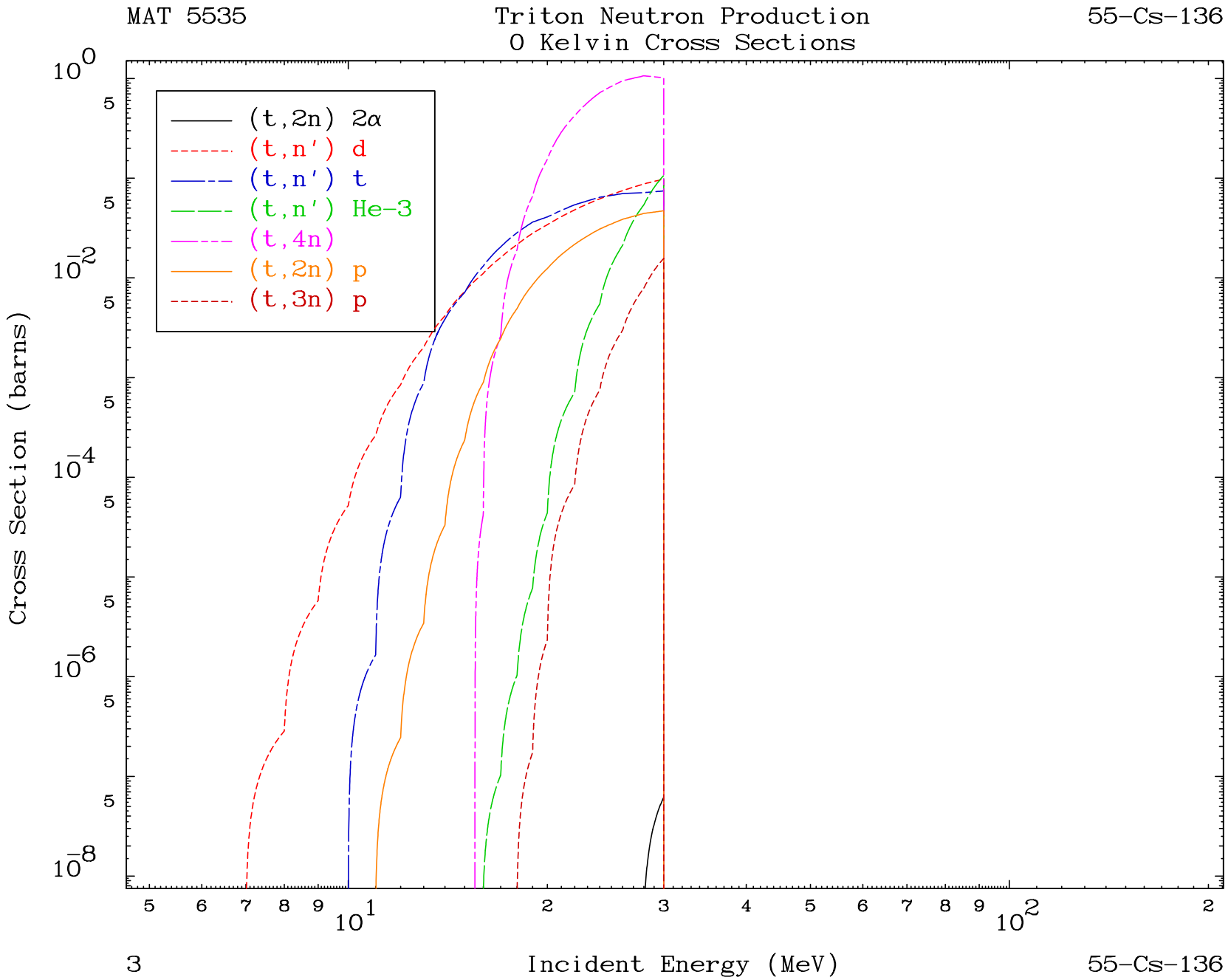
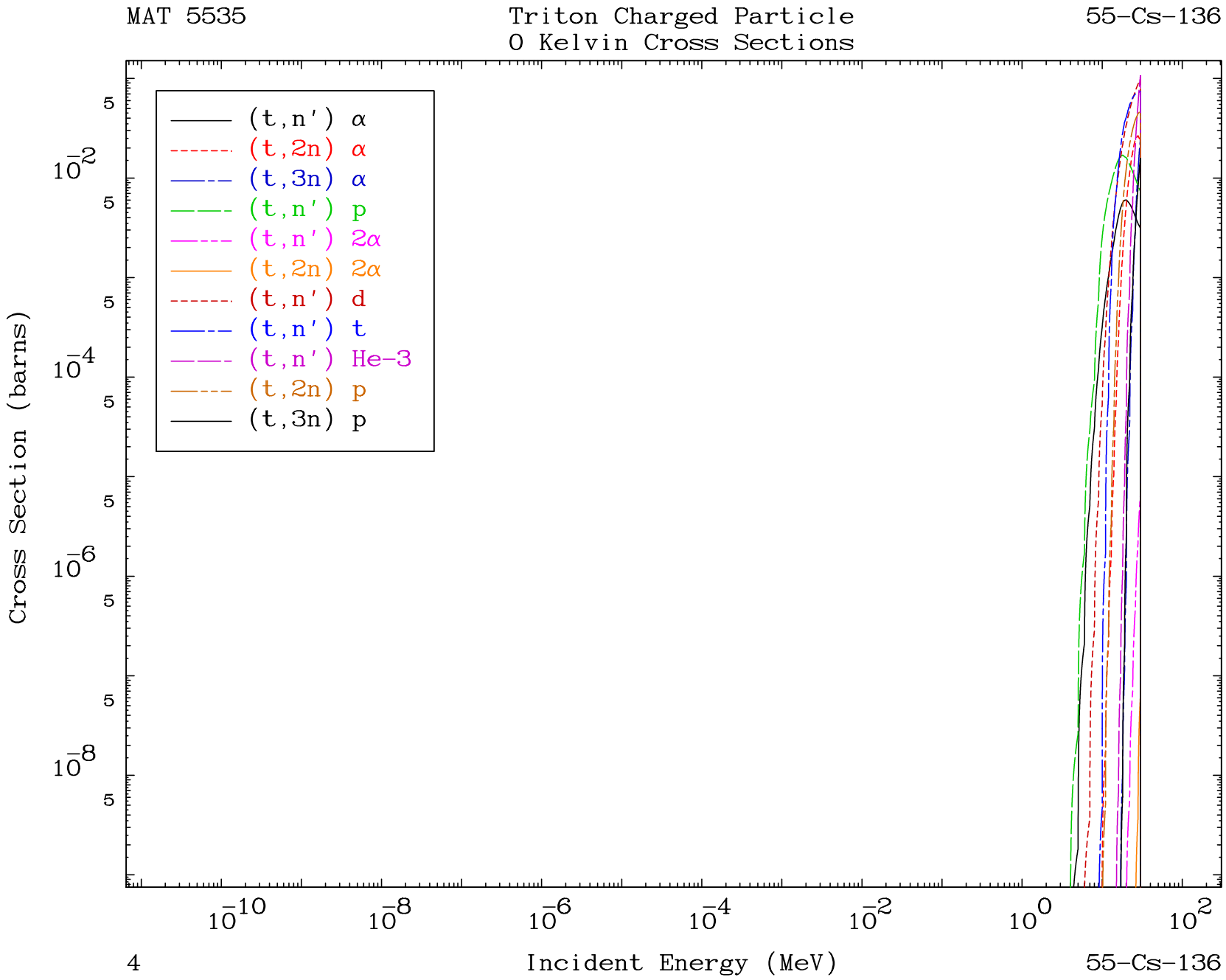
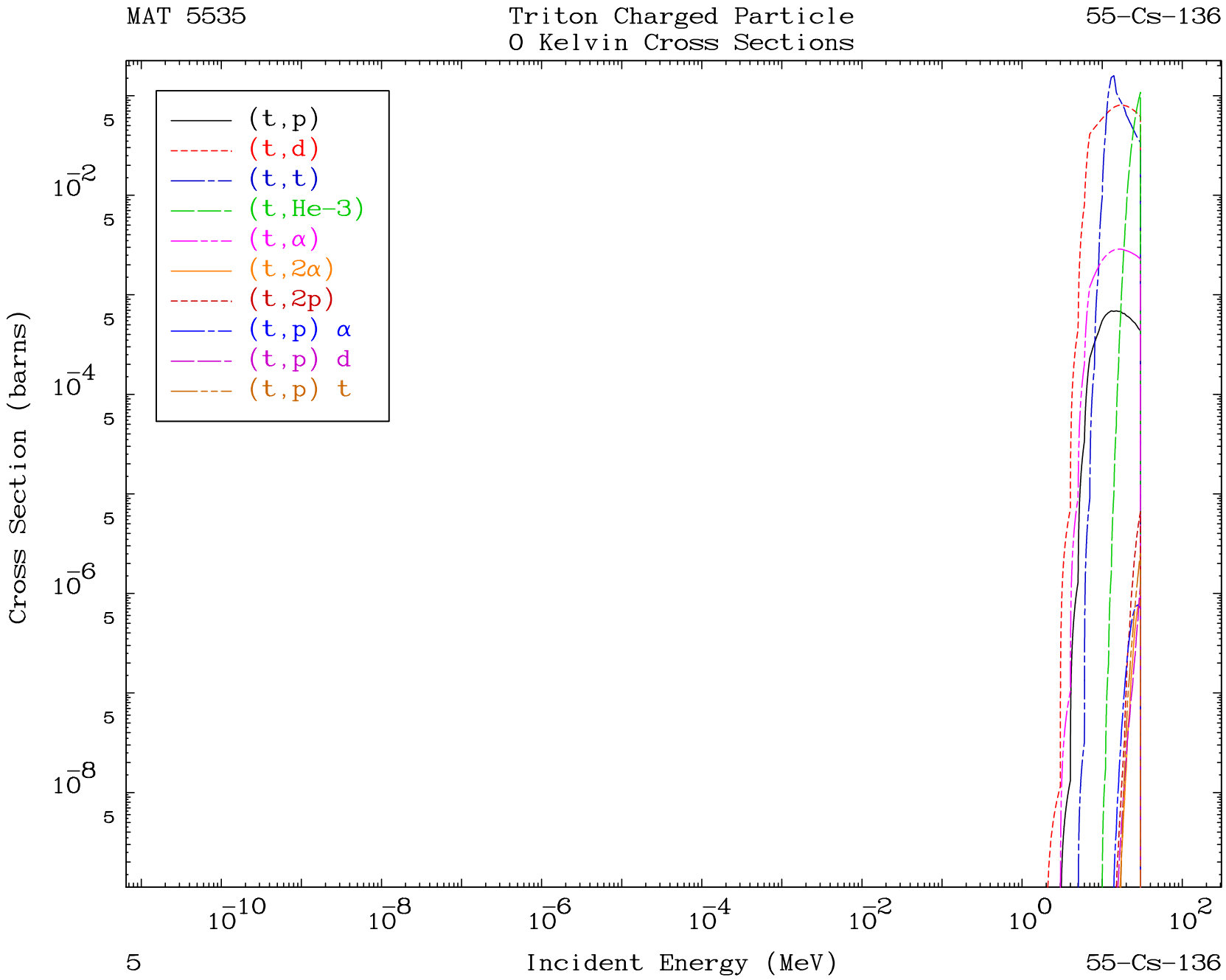
Press Mouse Button to Start

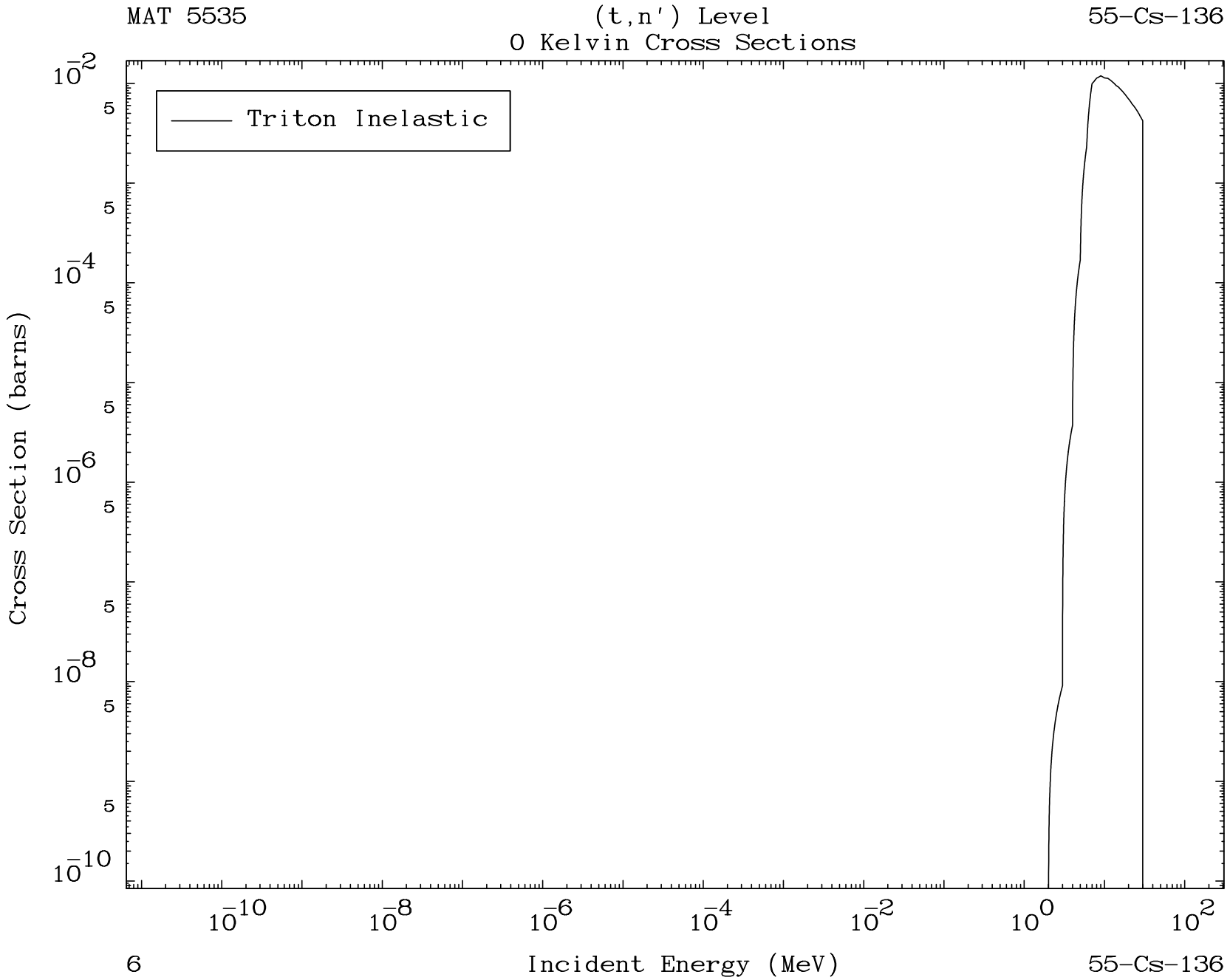

MAT 5535
Triton Major
55-Cs-136
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
55-Cs-136
1

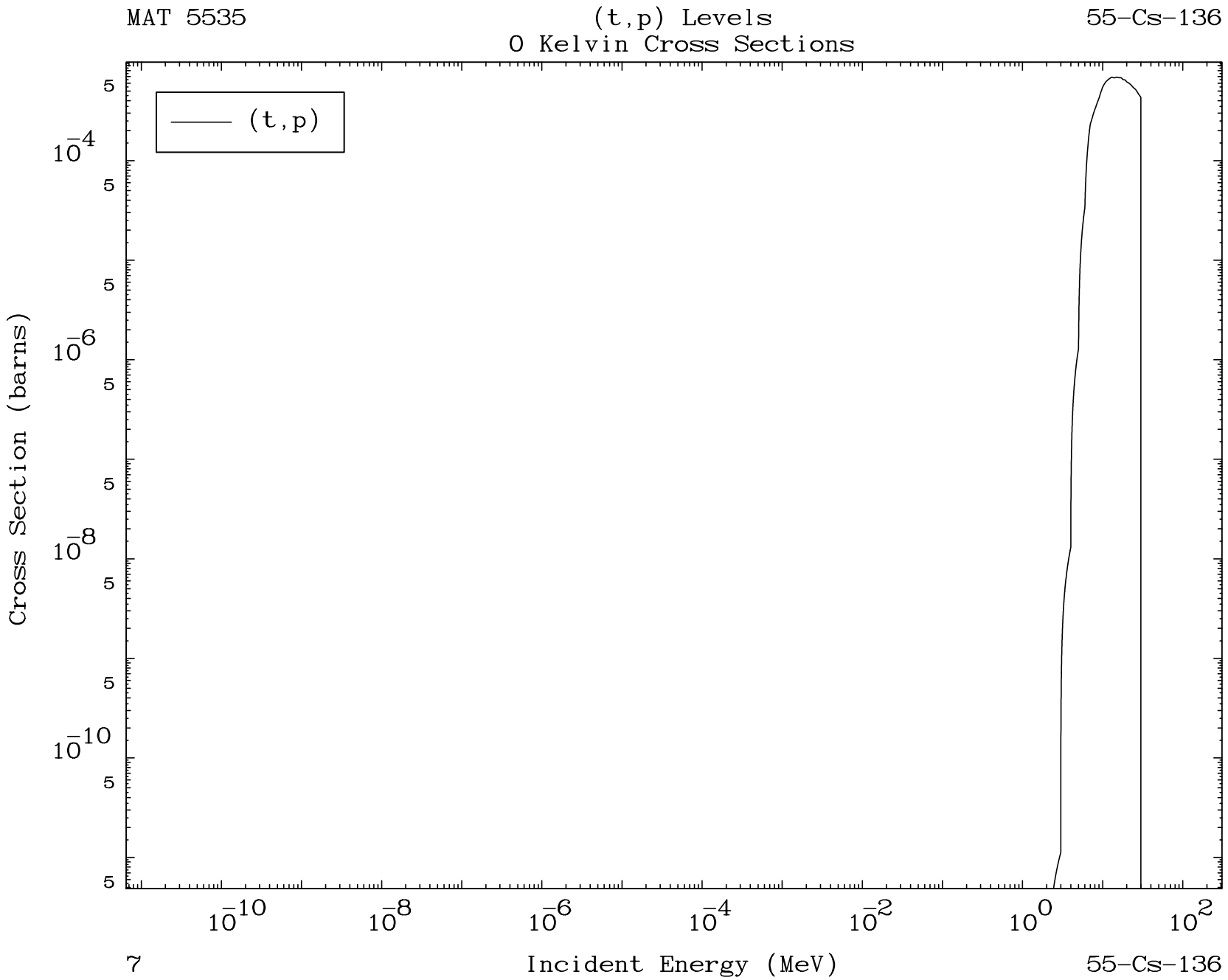

MAT 5535
Triton Neutron Production
0 Kelvin Cross Sections
55-Cs-136
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
55-Cs-136

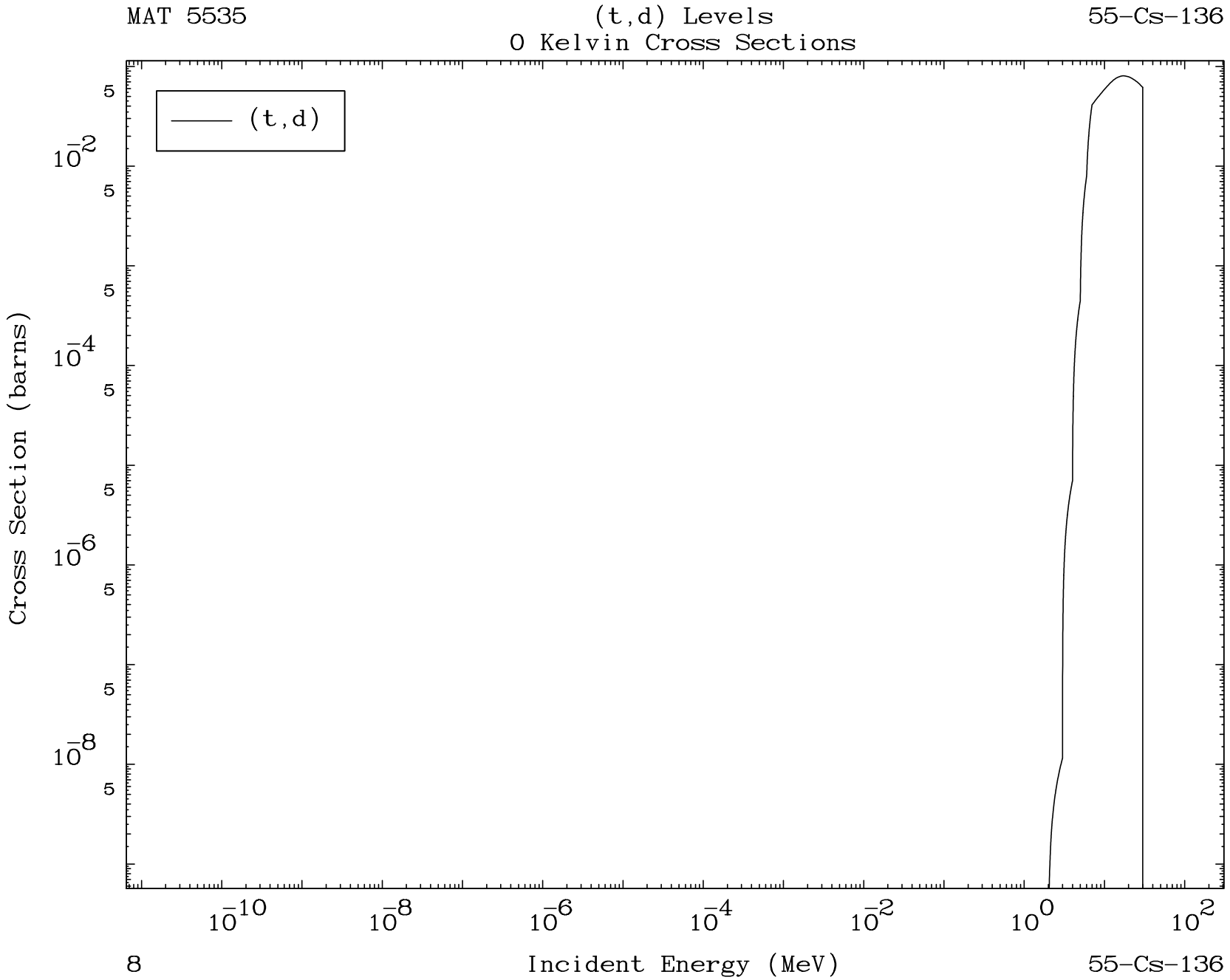

MAT 5535
Triton Neutron Production
0 Kelvin Cross Sections
55-Cs-136
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
55-Cs-136


MAT 5535
Triton Charged Particle
0 Kelvin Cross Sections
55-Cs-136
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
55-Cs-136


MAT 5535
Triton Charged Particle
0 Kelvin Cross Sections
55-Cs-136
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2α)
(t,2p)
(t,p) α
(t,p) d
(t,p) t
Cross Section (barns)
Incident Energy (MeV)
55-Cs-136


MAT 5535
(t,n') Level
55-Cs-136
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
55-Cs-136


MAT 5535
(t,p) Levels
55-Cs-136
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
7
55-Cs-136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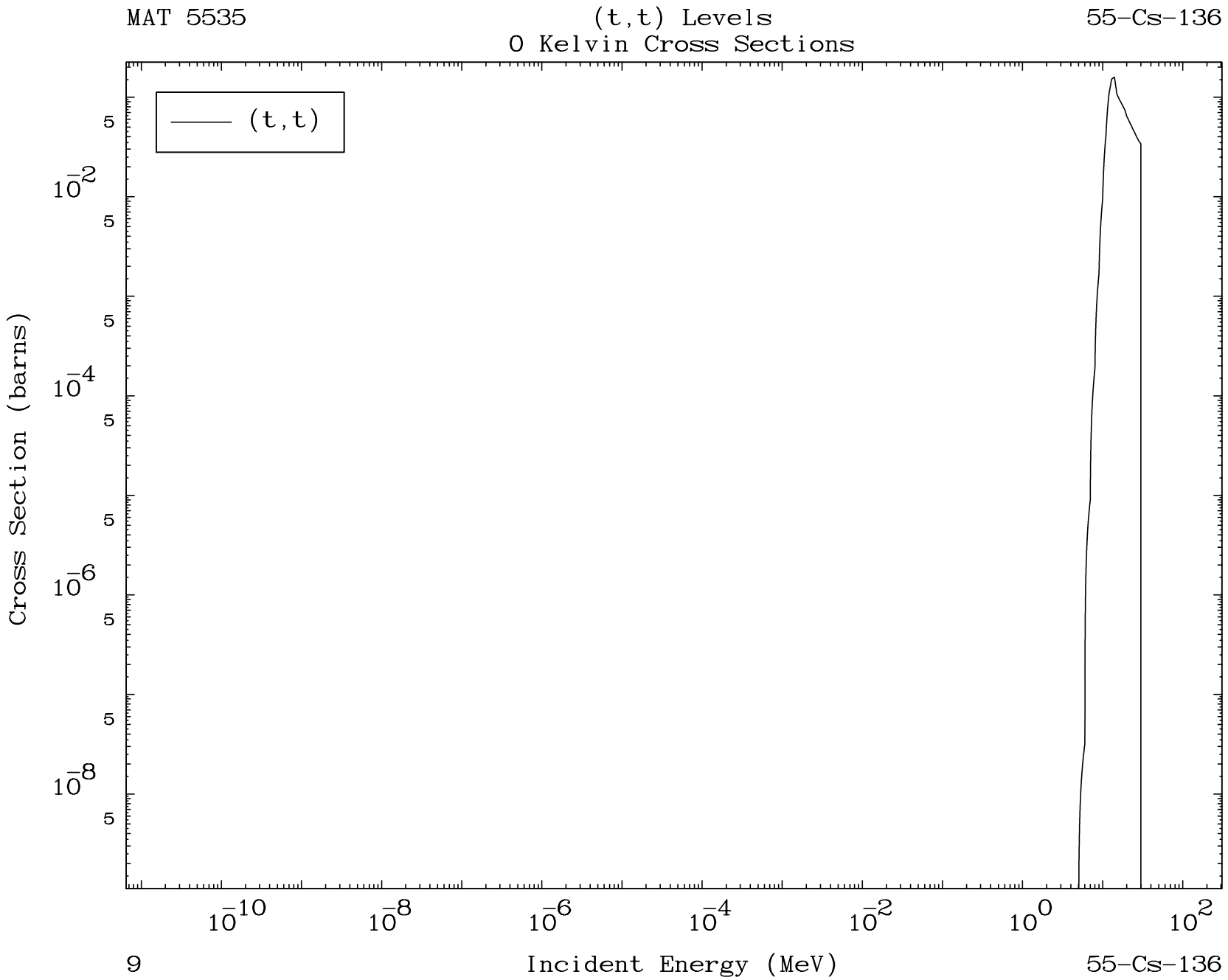
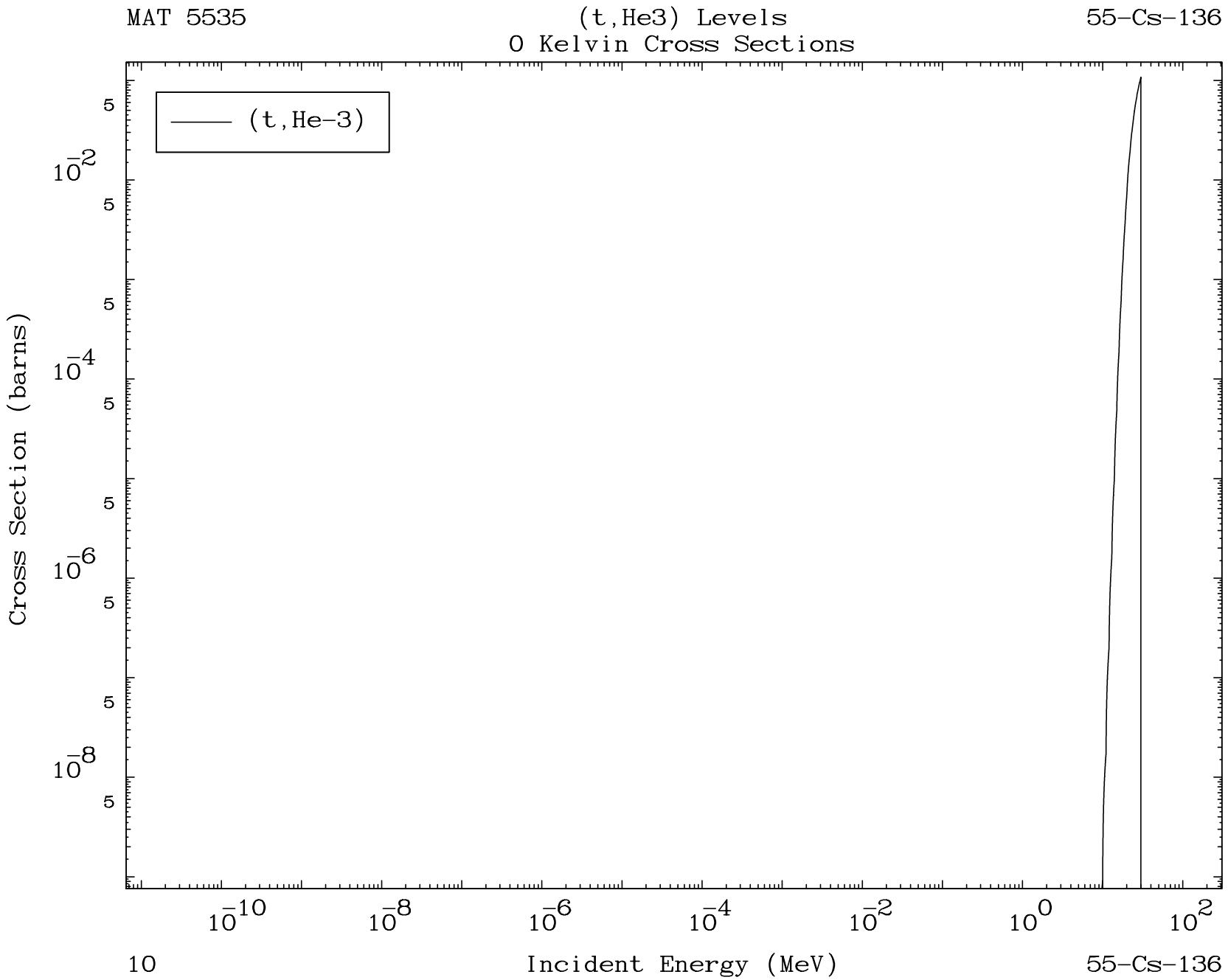
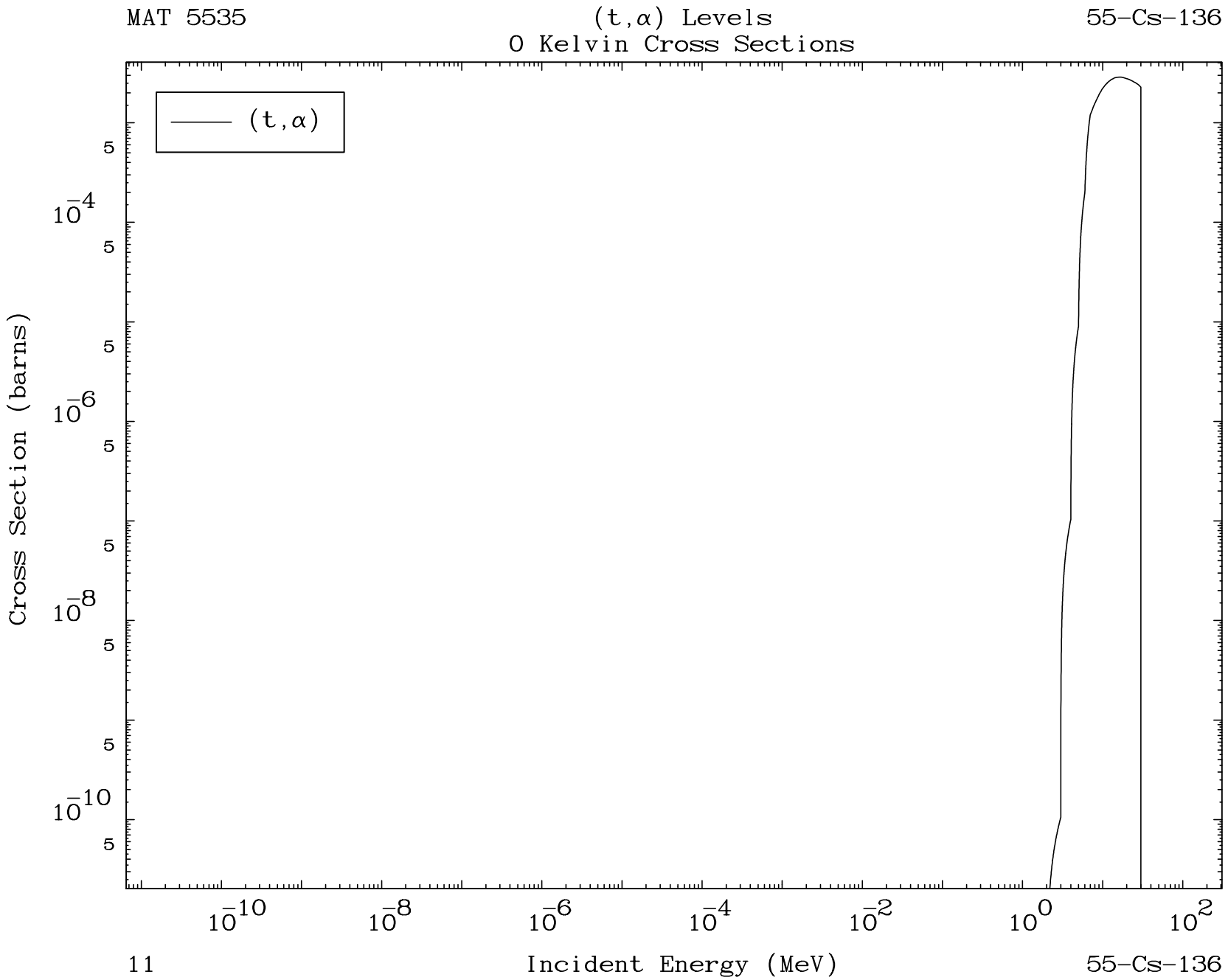
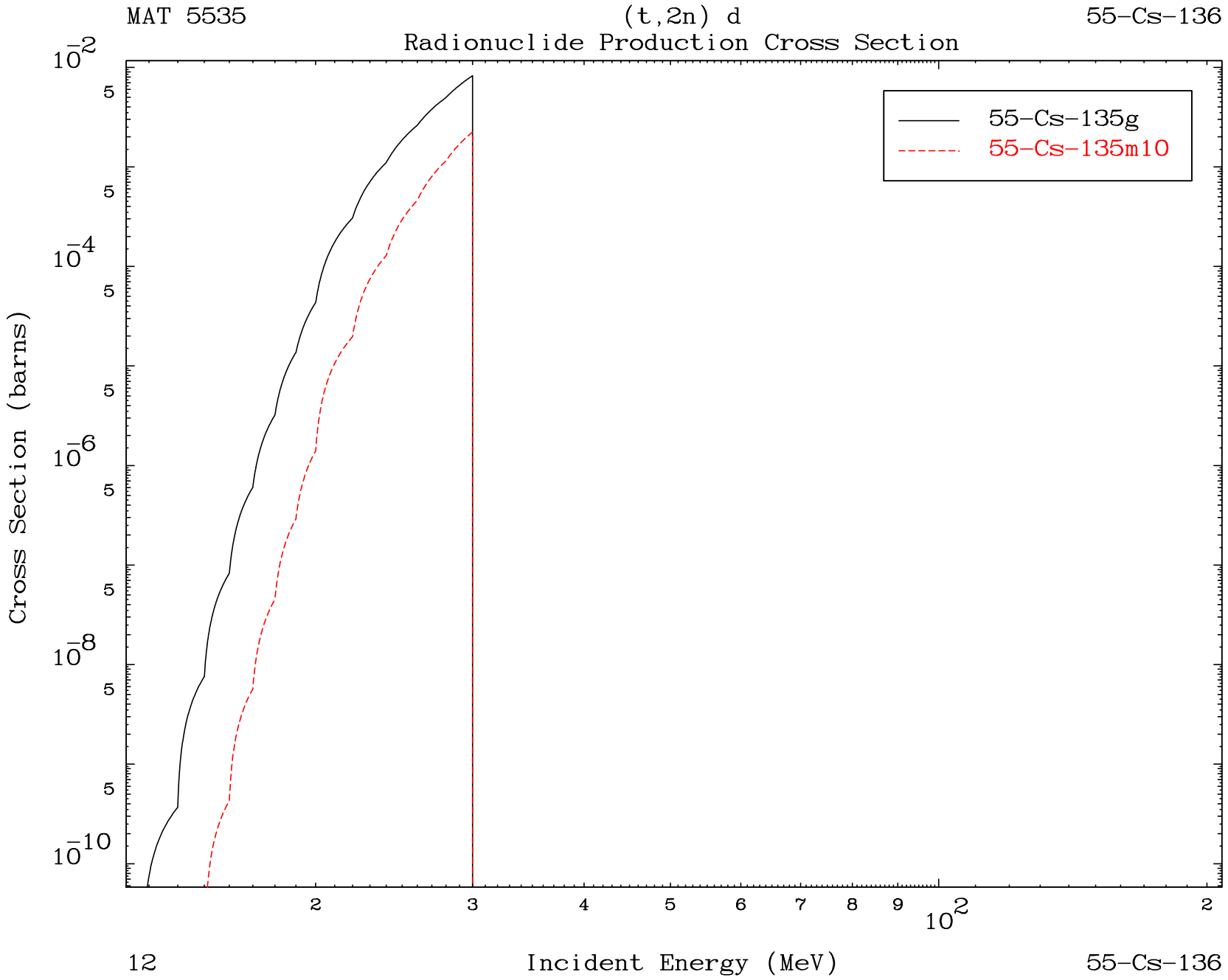
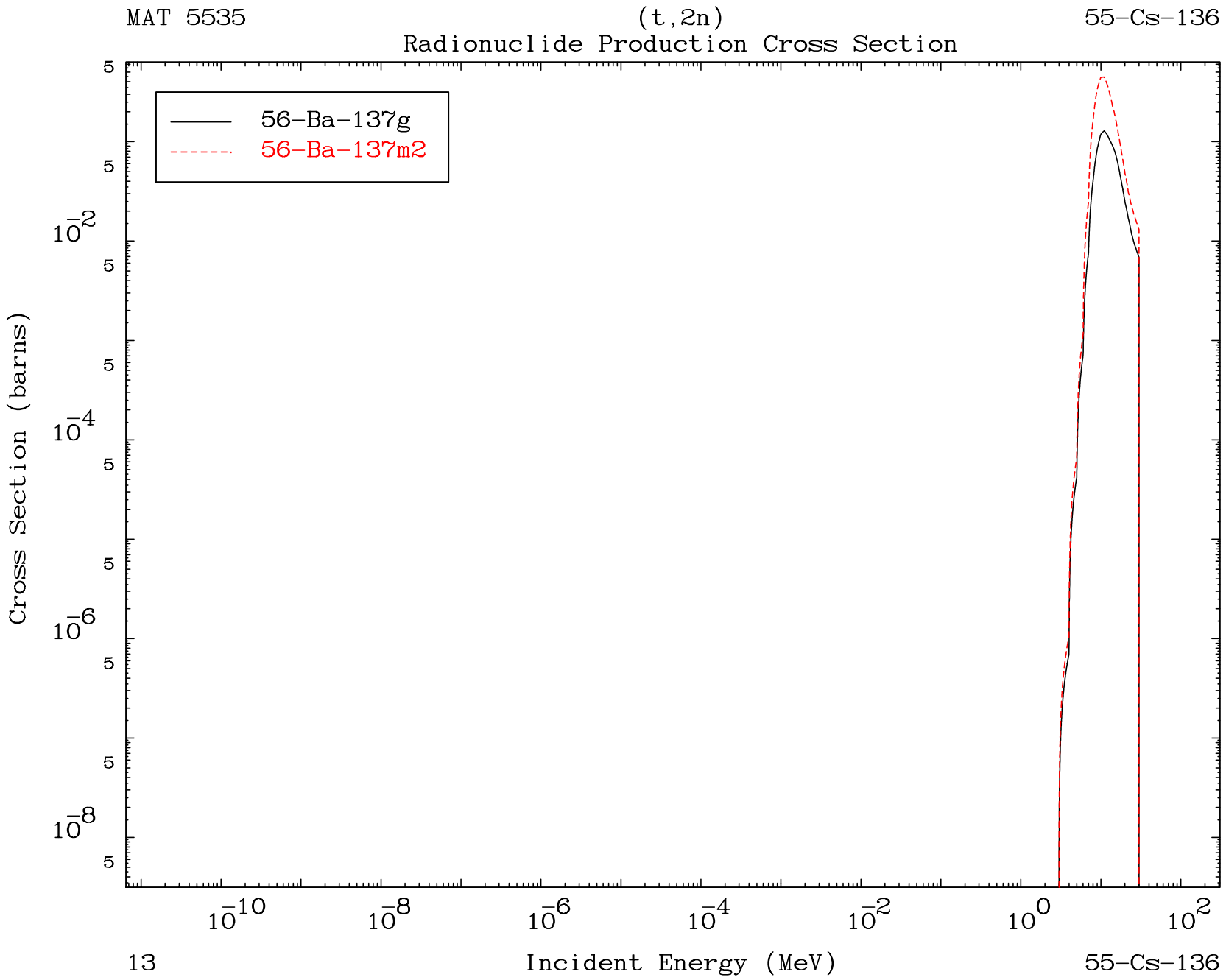
(t,d) Levels
55-Cs-136
0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
8
55-Cs-136

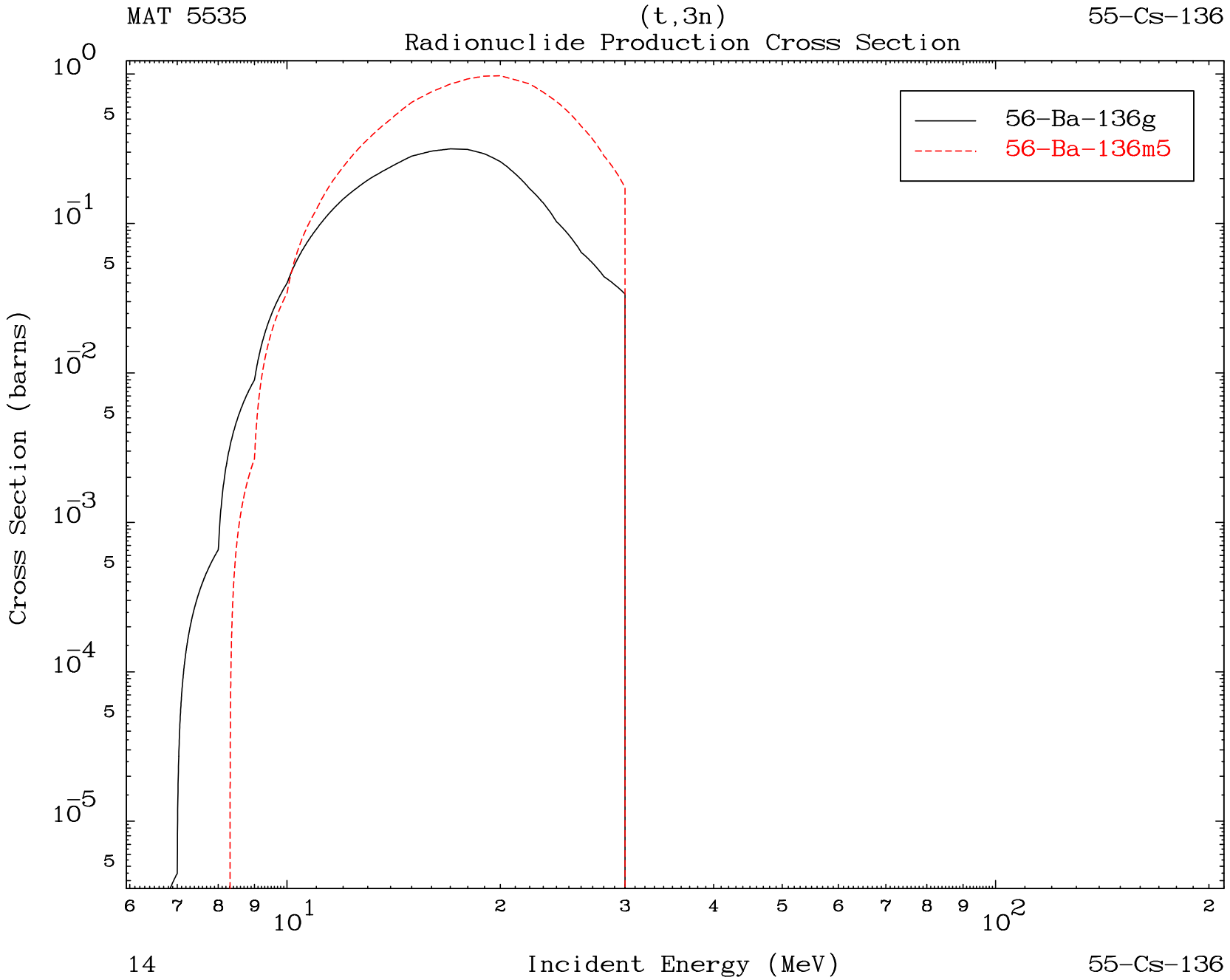

MAT 5535
(t,t) Levels
55-Cs-136
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
9
55-Cs-136

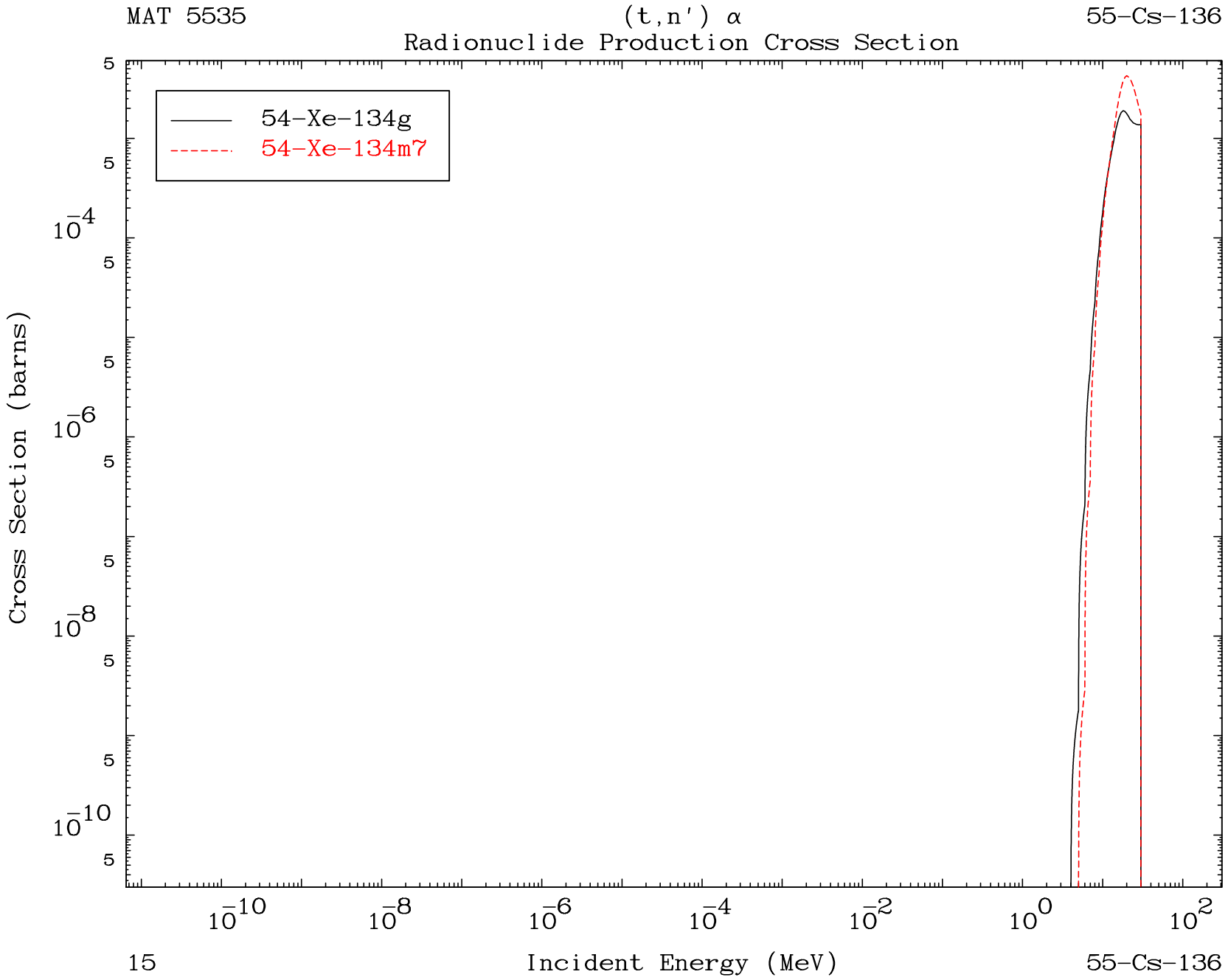

MAT 5535
(t,He3) Levels
55-Cs-136
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
55-Cs-136

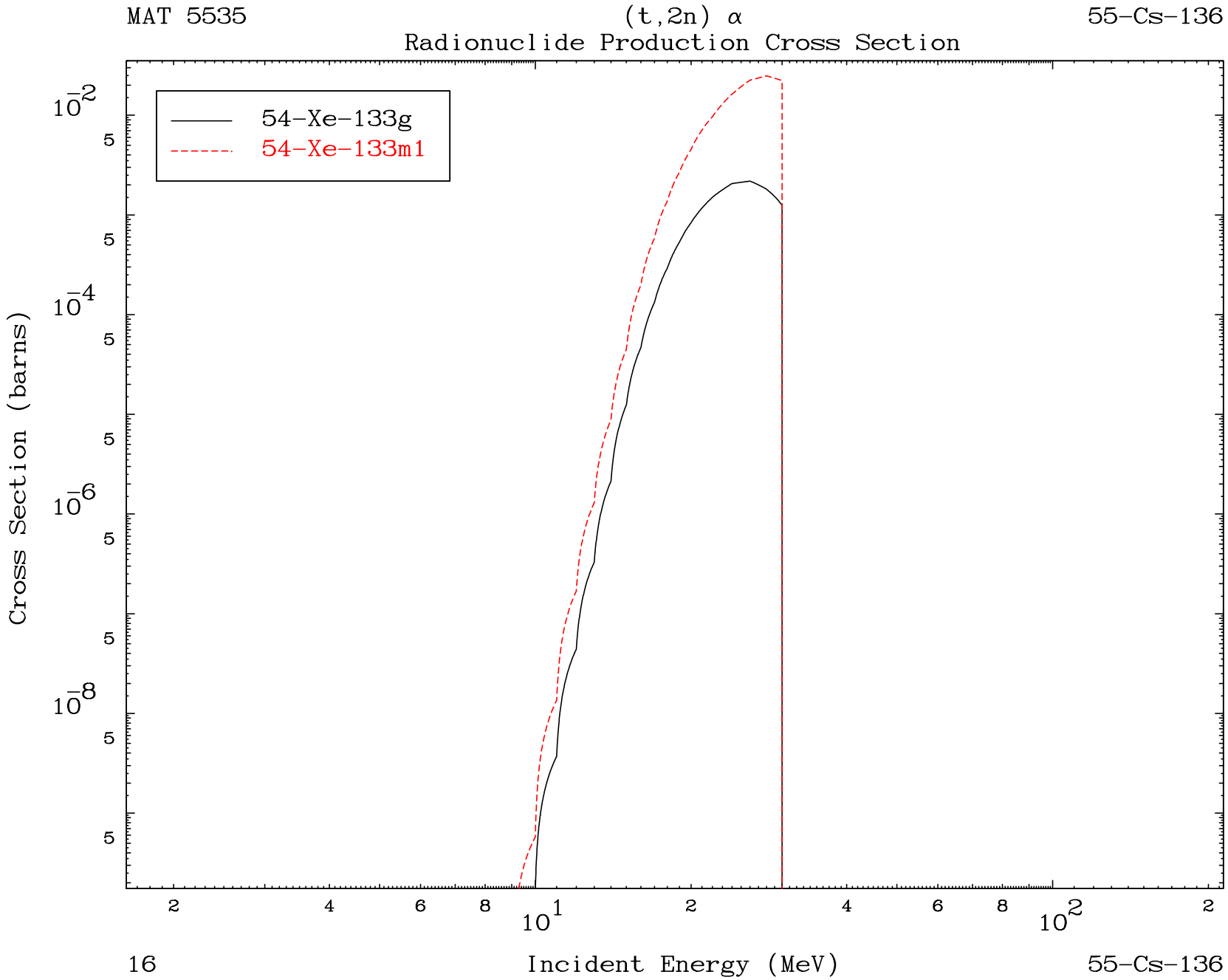

MAT 5535
(t,α) Levels
55-Cs-136
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
11
Incident Energy (MeV)
55-Cs-136

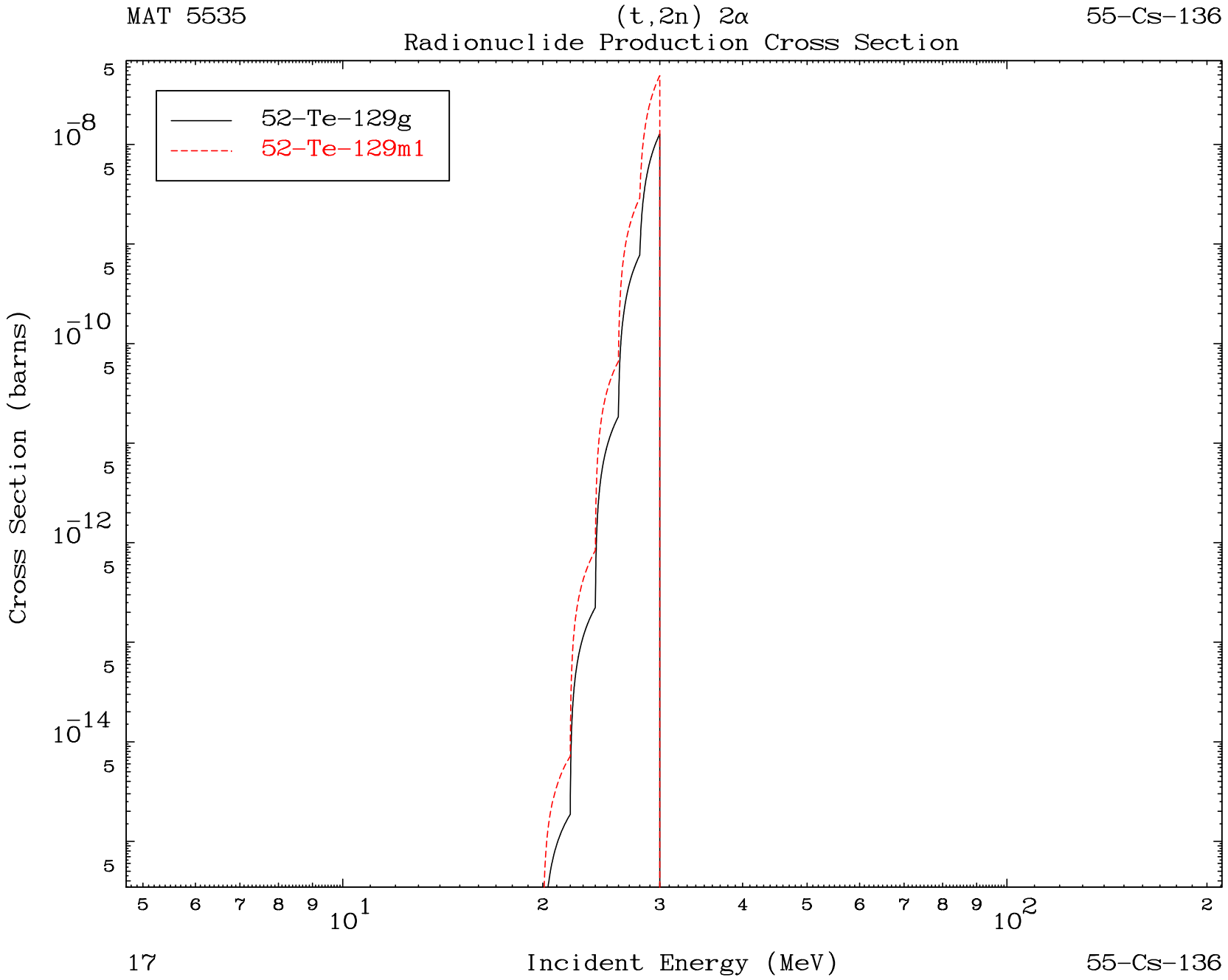

MAT 5535
(t,2n) d
55-Cs-136
Radionuclide Production Cross Section
55-Cs-135g
55-Cs-135m10
Cross Section (barns)
Incident Energy (MeV)
12
55-Cs-136

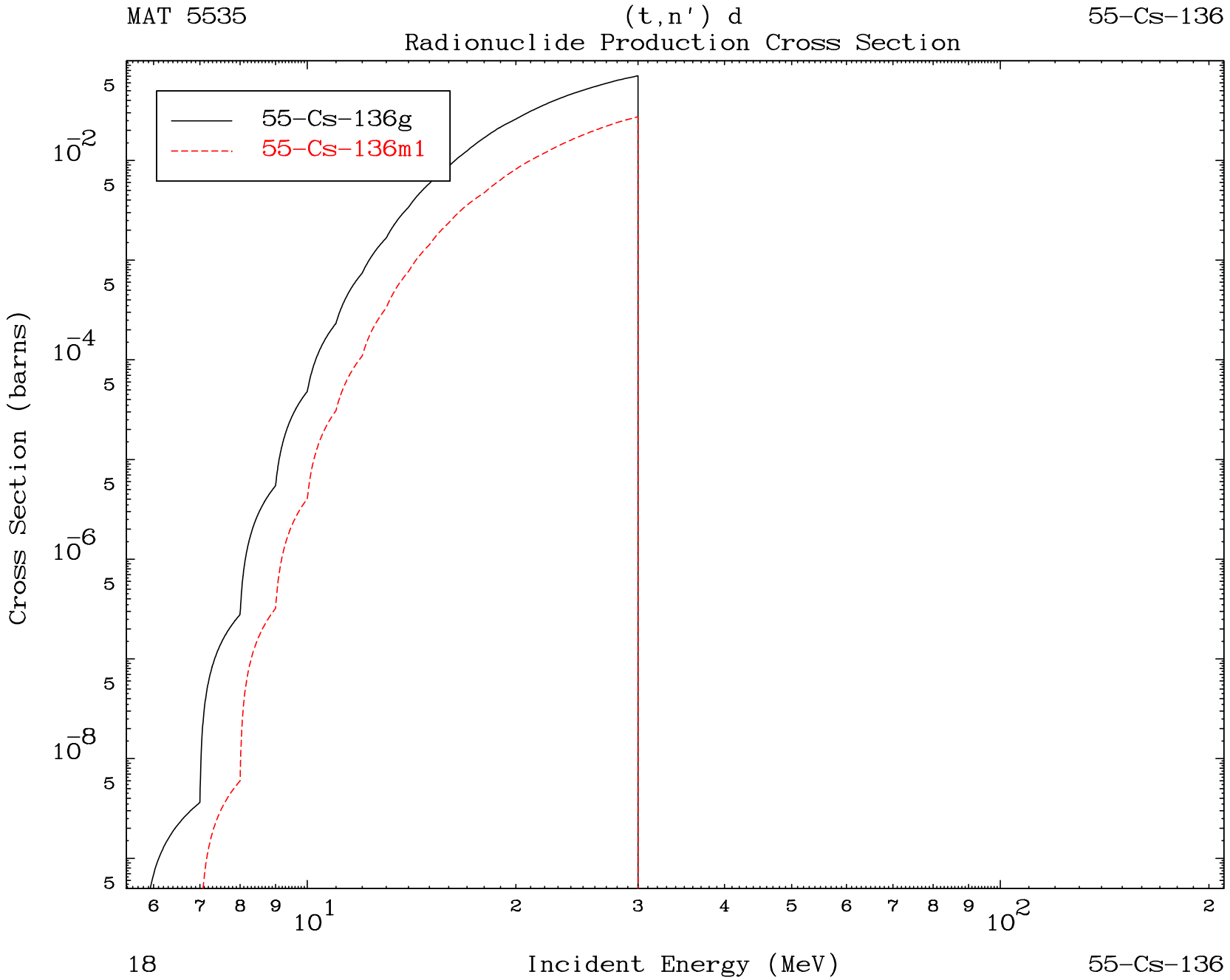

MAT 5535
(t,2n)
55-Cs-136
Radionuclide Production Cross Section
56-Ba-137g
56-Ba-137m2
Cross Section (barns)
Incident Energy (MeV)
13
55-Cs-136

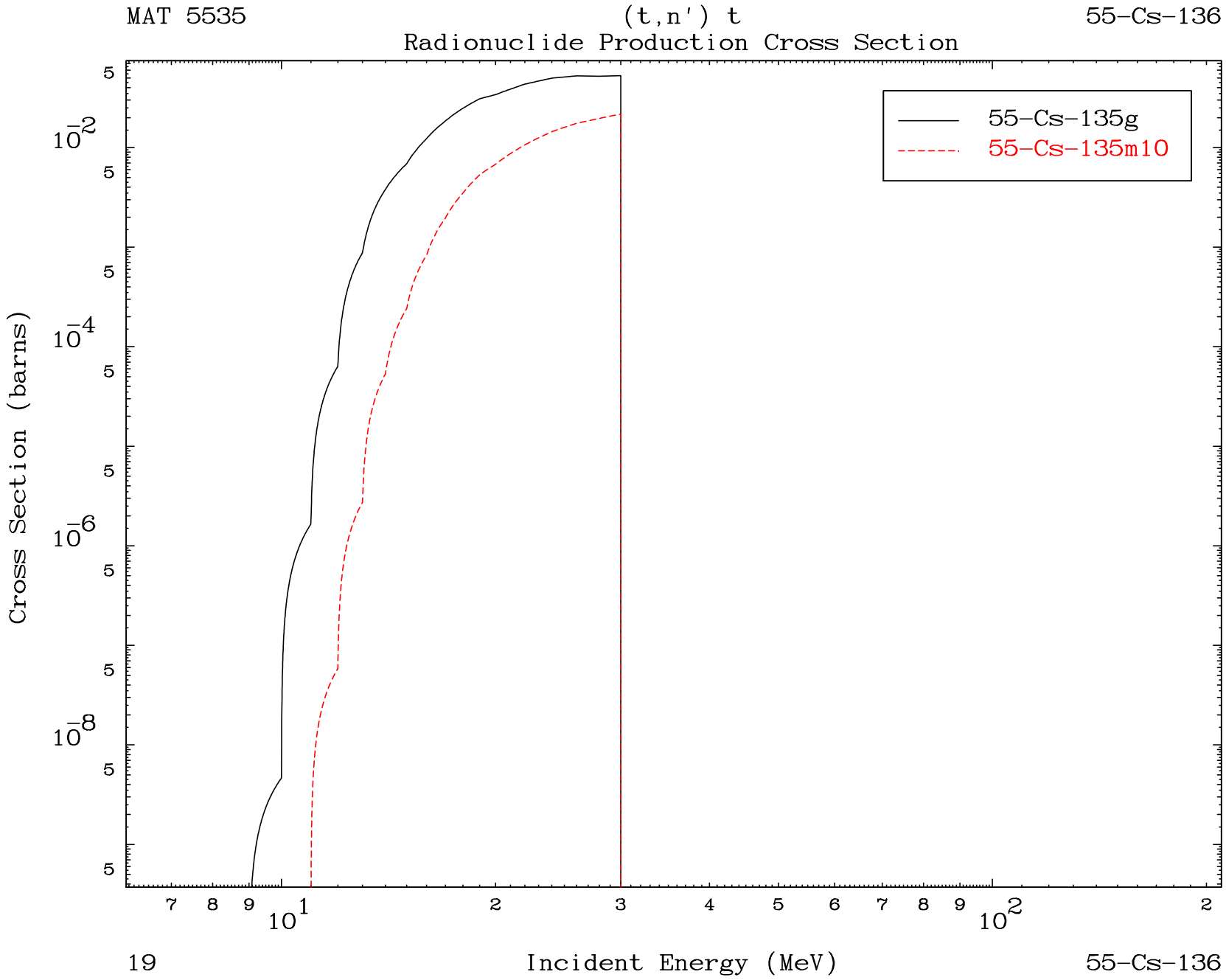

MAT 5535
(t,3n)
55-Cs-136
Radionuclide Production Cross Section
56-Ba-136g
56-Ba-136m5
Cross Section (barns)
Incident Energy (MeV)
14
55-Cs-136

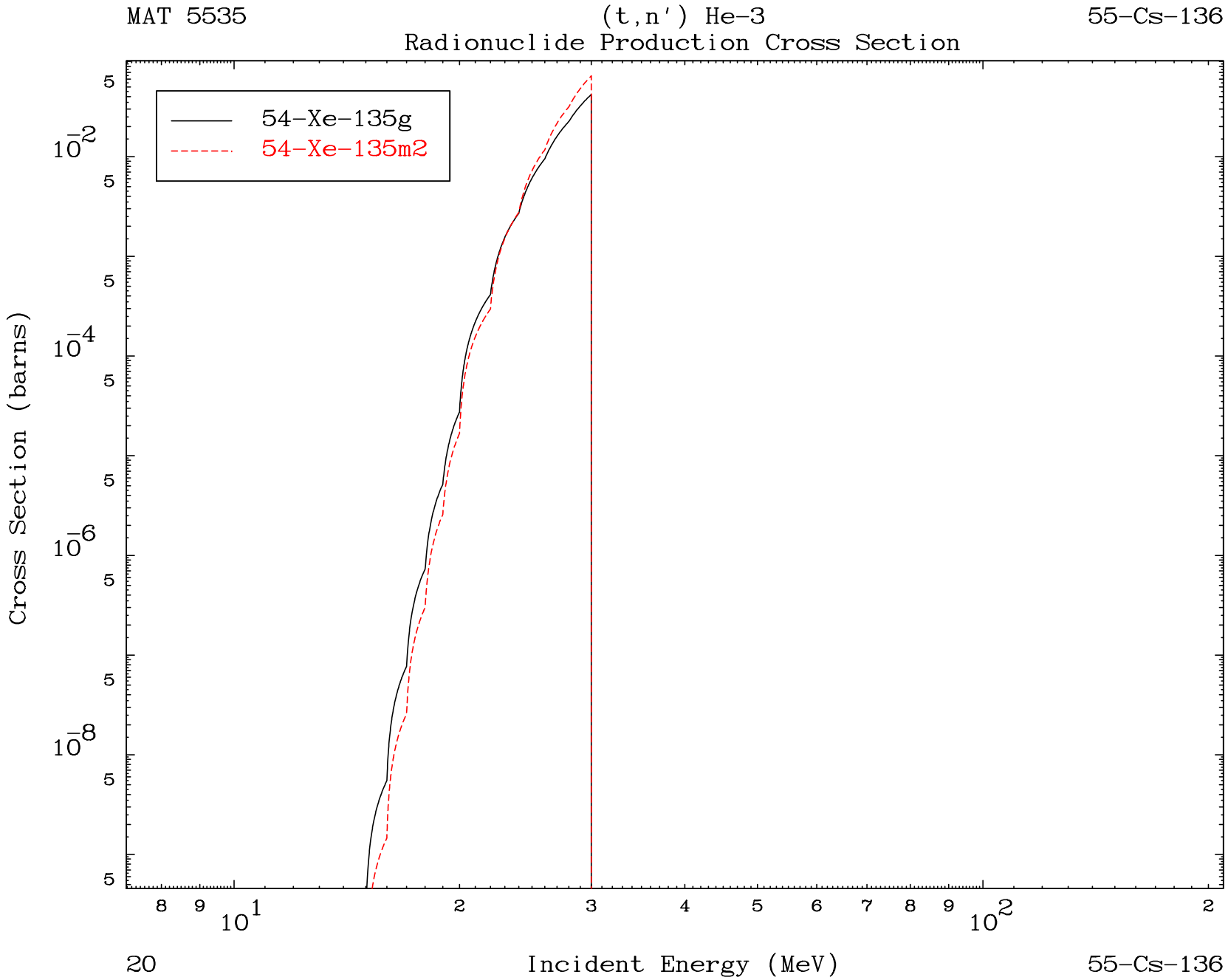

MAT 5535
(t,n') α
55-Cs-136
Radionuclide Production Cross Section
54-Xe-134g
54-Xe-134m7
Cross Section (barns)
Incident Energy (MeV)
15
55-Cs-136

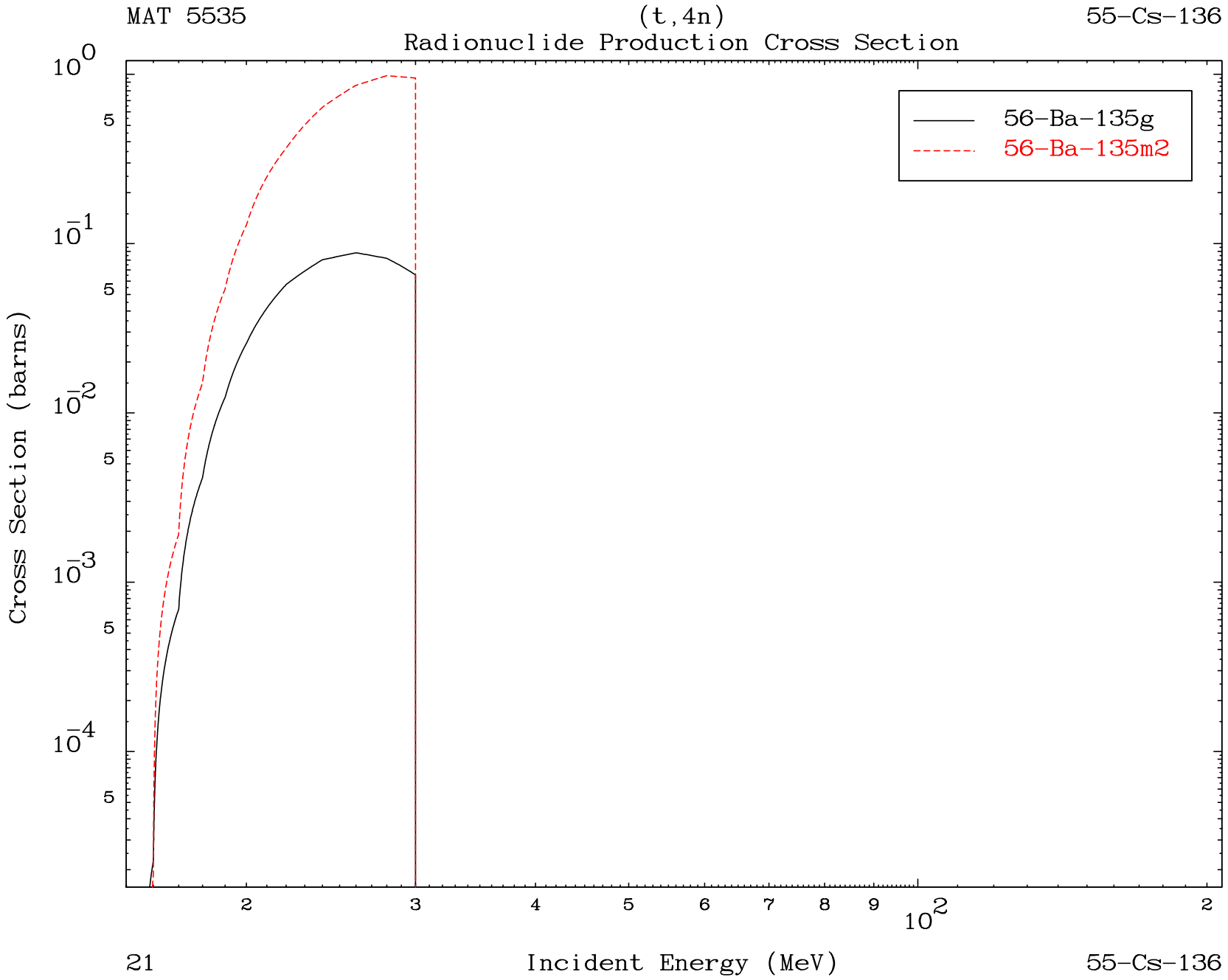

MAT 5535
(t,2n) α
55-Cs-136
Radionuclide Production Cross Section
54-Xe-133g
54-Xe-133m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
101
102
16
Incident Energy (MeV)
55-Cs-136

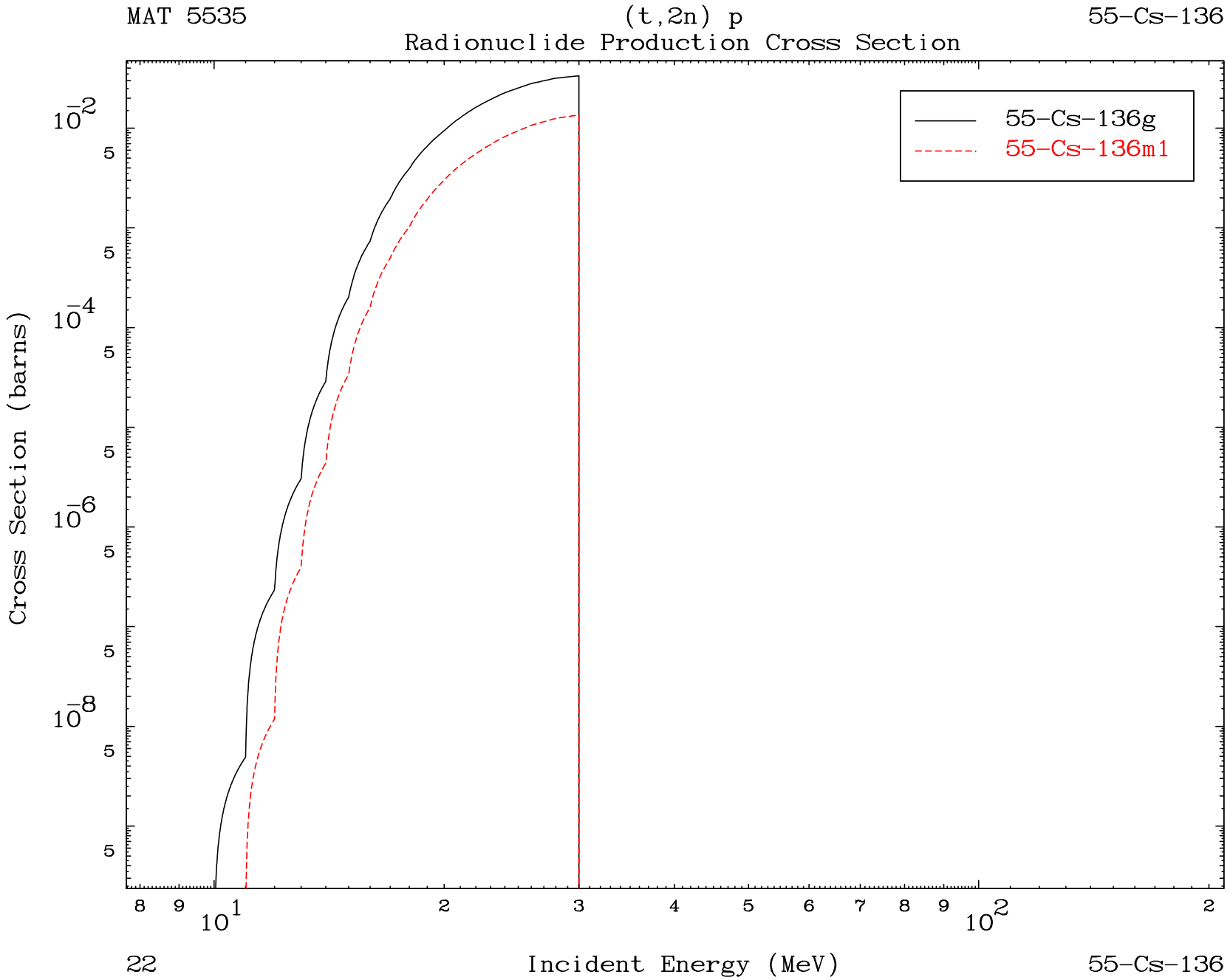

MAT 5535
(t,2n) 2α
55-Cs-136
Radionuclide Production Cross Section
52-Te-129g
52-Te-129m1
Cross Section (barns)
Incident Energy (MeV)
17
55-Cs-136

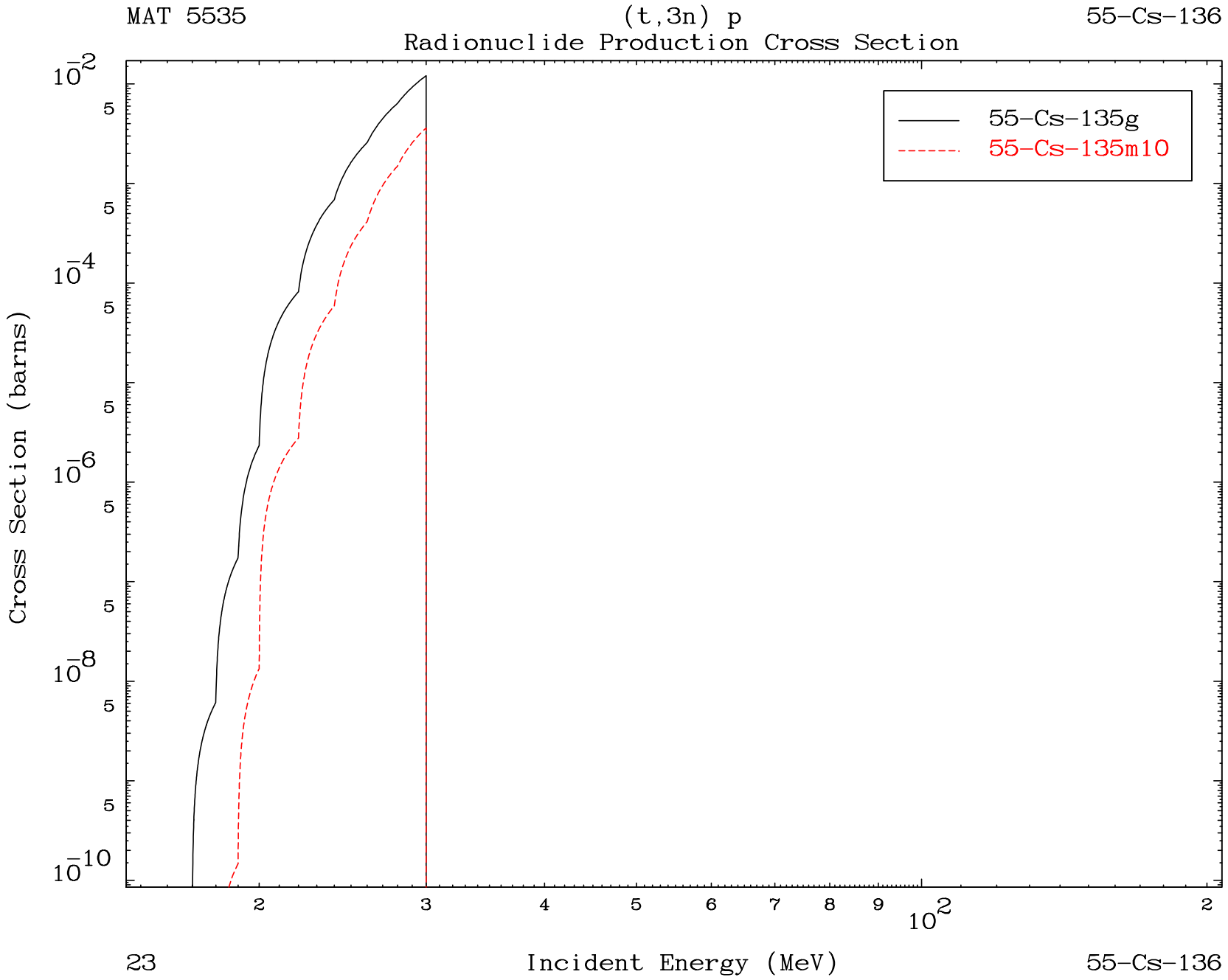

MAT 5535
(t,n') d
55-Cs-136
Radionuclide Production Cross Section
55-Cs-136g
55-Cs-136m1
Cross Section (barns)
Incident Energy (MeV)
18
55-Cs-136

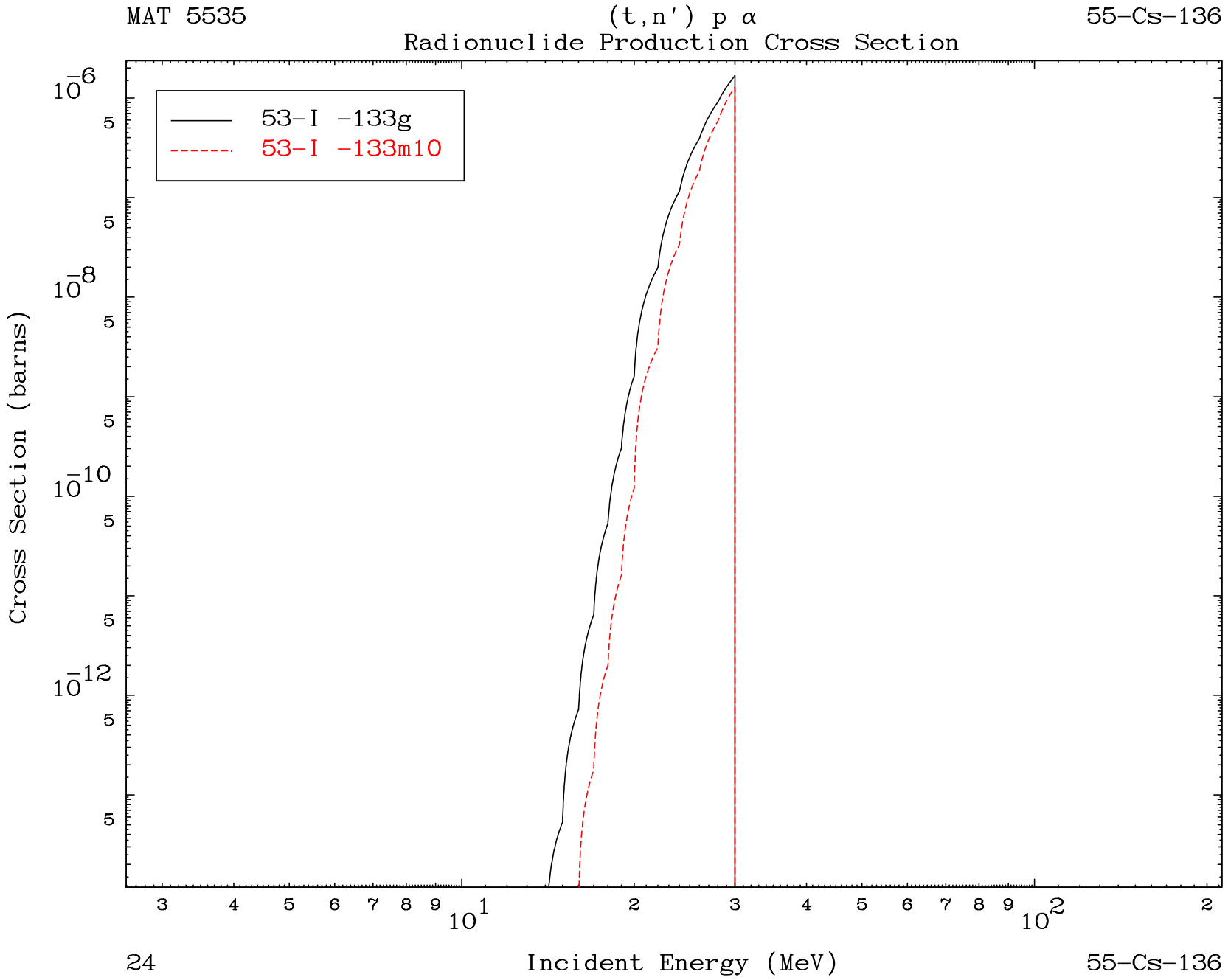

MAT 5535
(t,n') t
55-Cs-136
Radionuclide Production Cross Section
55-Cs-135g
55-Cs-135m10
Cross Section (barns)
Incident Energy (MeV)
19
55-Cs-136

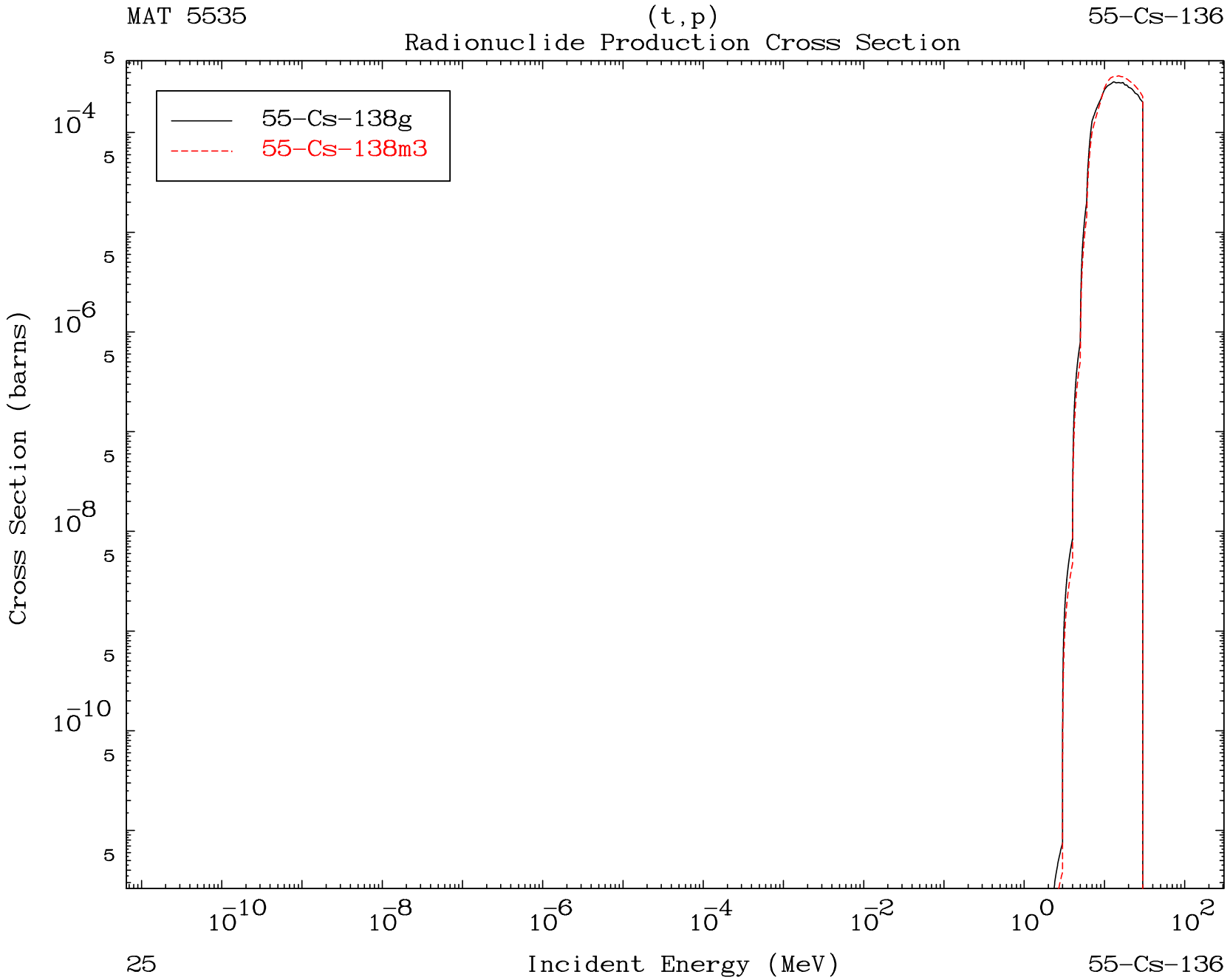

MAT 5535
(t,n') He-3
55-Cs-136
Radionuclide Production Cross Section
54-Xe-135g
54-Xe-135m2
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
20
Incident Energy (MeV)
55-Cs-136

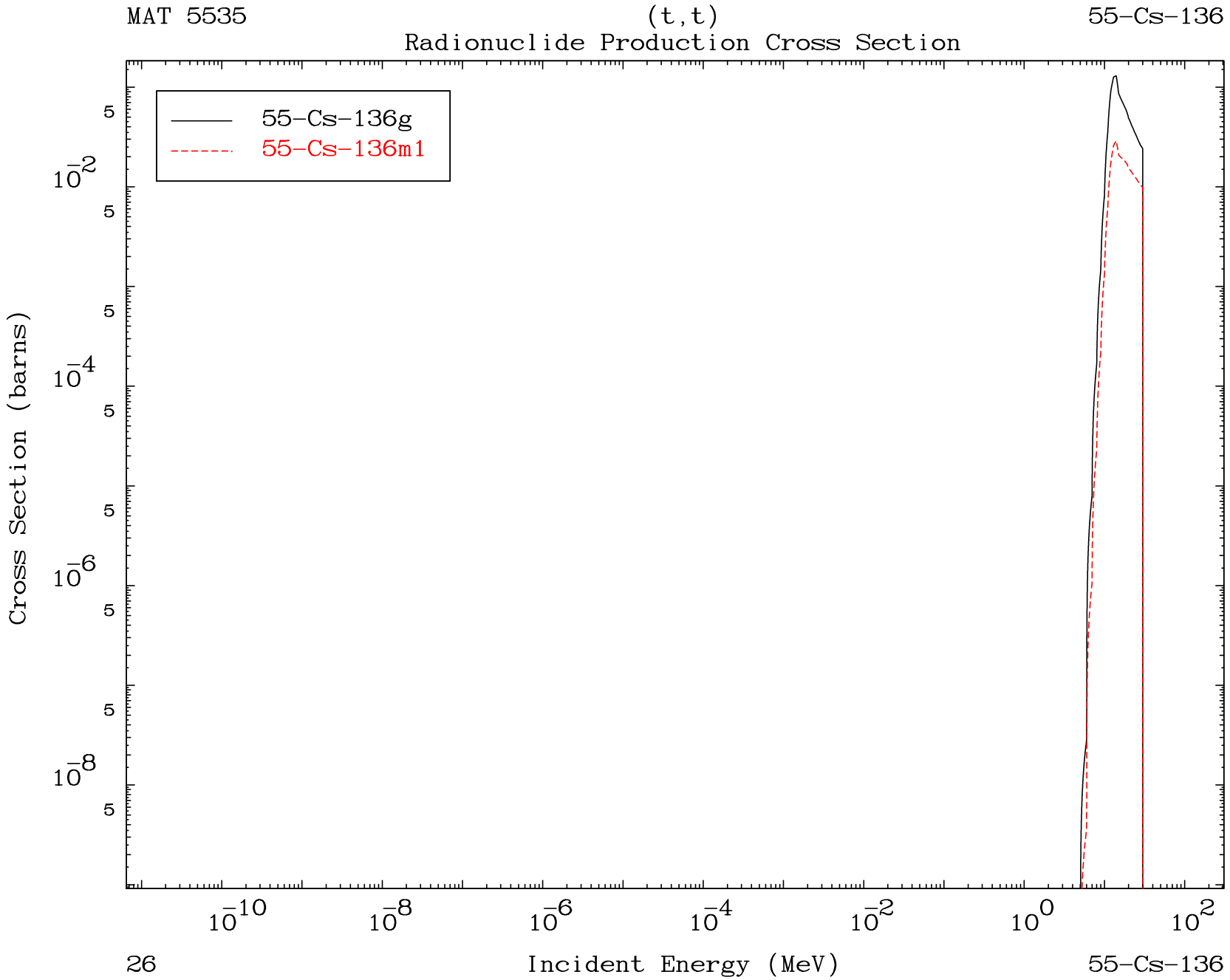

MAT 5535
(t,4n)
55-Cs-136
Radionuclide Production Cross Section
56-Ba-135g
56-Ba-135m2
Cross Section (barns)
Incident Energy (MeV)
21
55-Cs-136

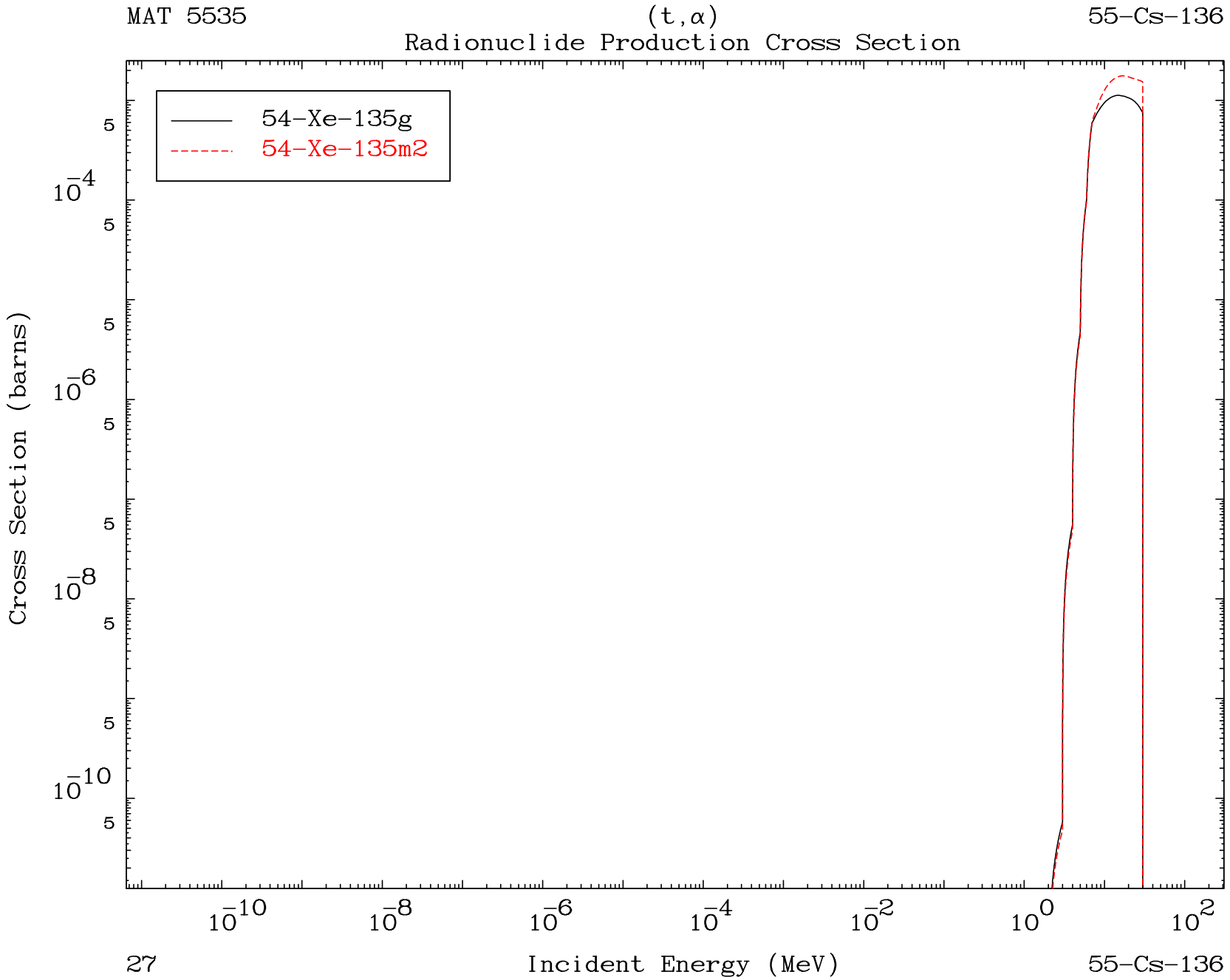

MAT 5535
(t,2n) p
55-Cs-136
Radionuclide Production Cross Section
55-Cs-136g
55-Cs-136m1
Cross Section (barns)
Incident Energy (MeV)
22
55-Cs-136

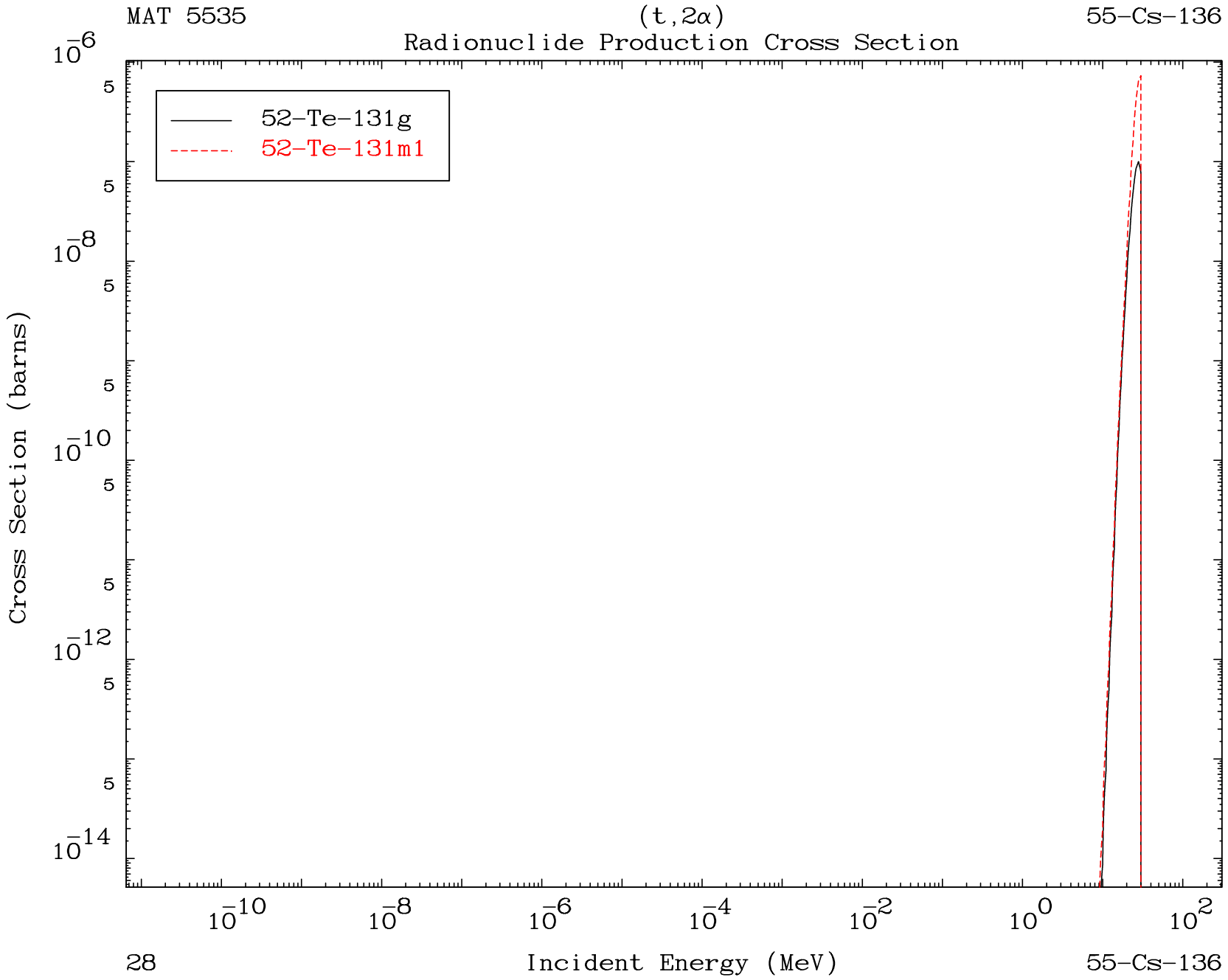

MAT 5535
(t,3n) p
55-Cs-136
Radionuclide Production Cross Section
55-Cs-135g
55-Cs-135m10
Cross Section (barns)
Incident Energy (MeV)
23
55-Cs-136

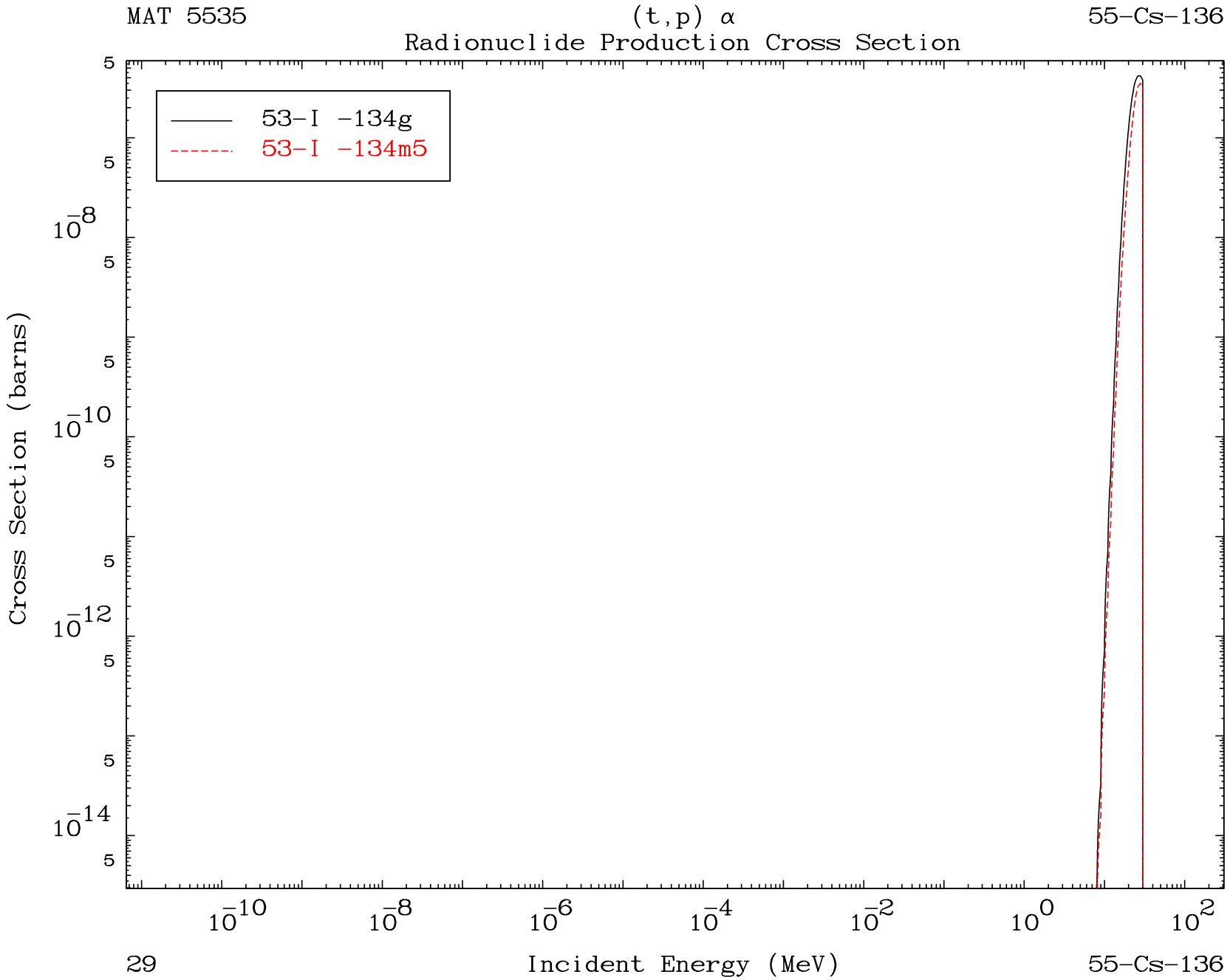

MAT 5535
(t,n') p α
55-Cs-136
Radionuclide Production Cross Section
53-I -133g
53-I -133m10
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
3 4 5 6 7 8 9
10^1
2 3 4 5 6 7 8 9
10^2
2
24
Incident Energy (MeV)
55-Cs-136

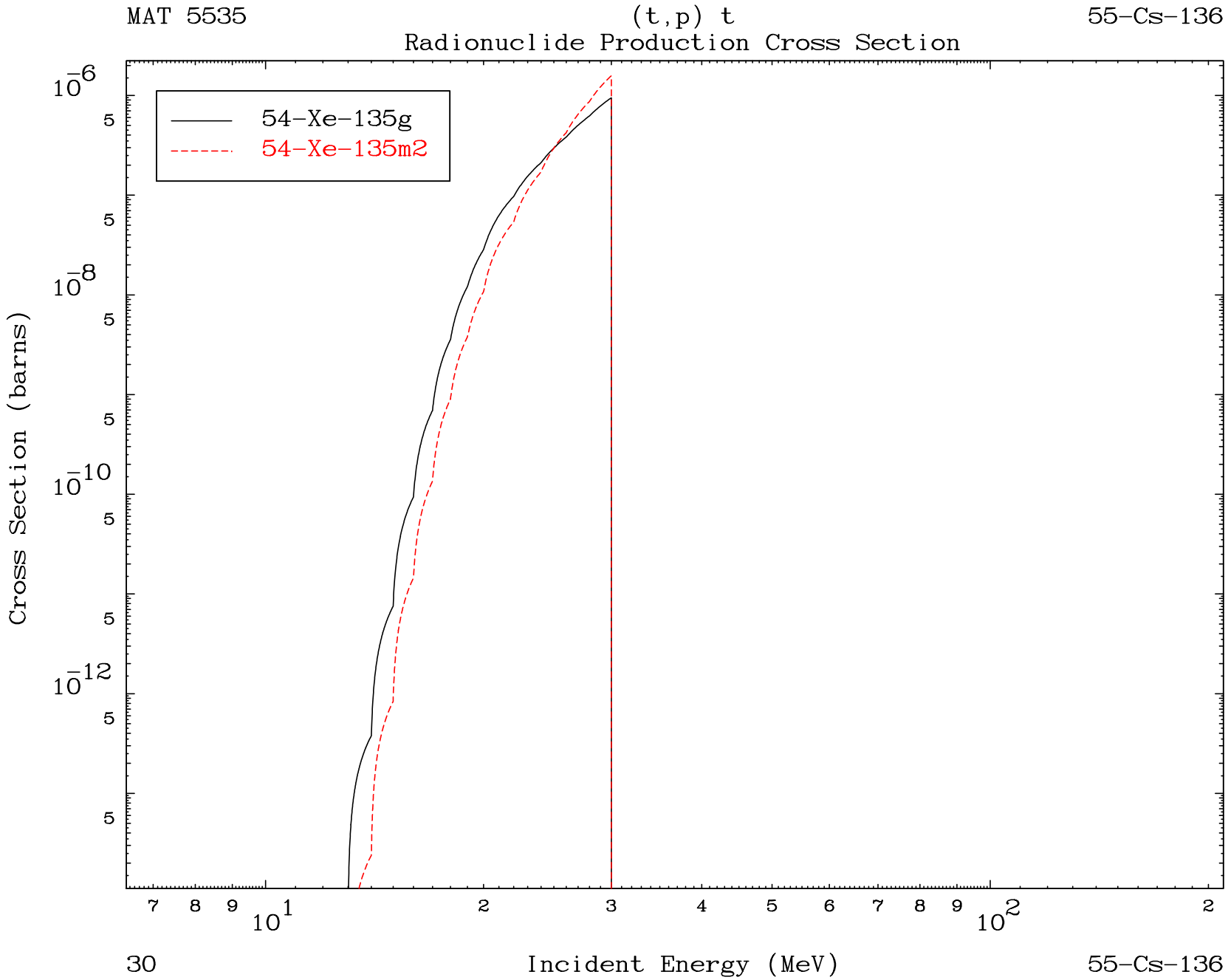

MAT 5535
(t,p)
55-Cs-136
Radionuclide Production Cross Section
55-Cs-138g
55-Cs-138m3
Cross Section (barns)
Incident Energy (MeV)
25
55-Cs-136

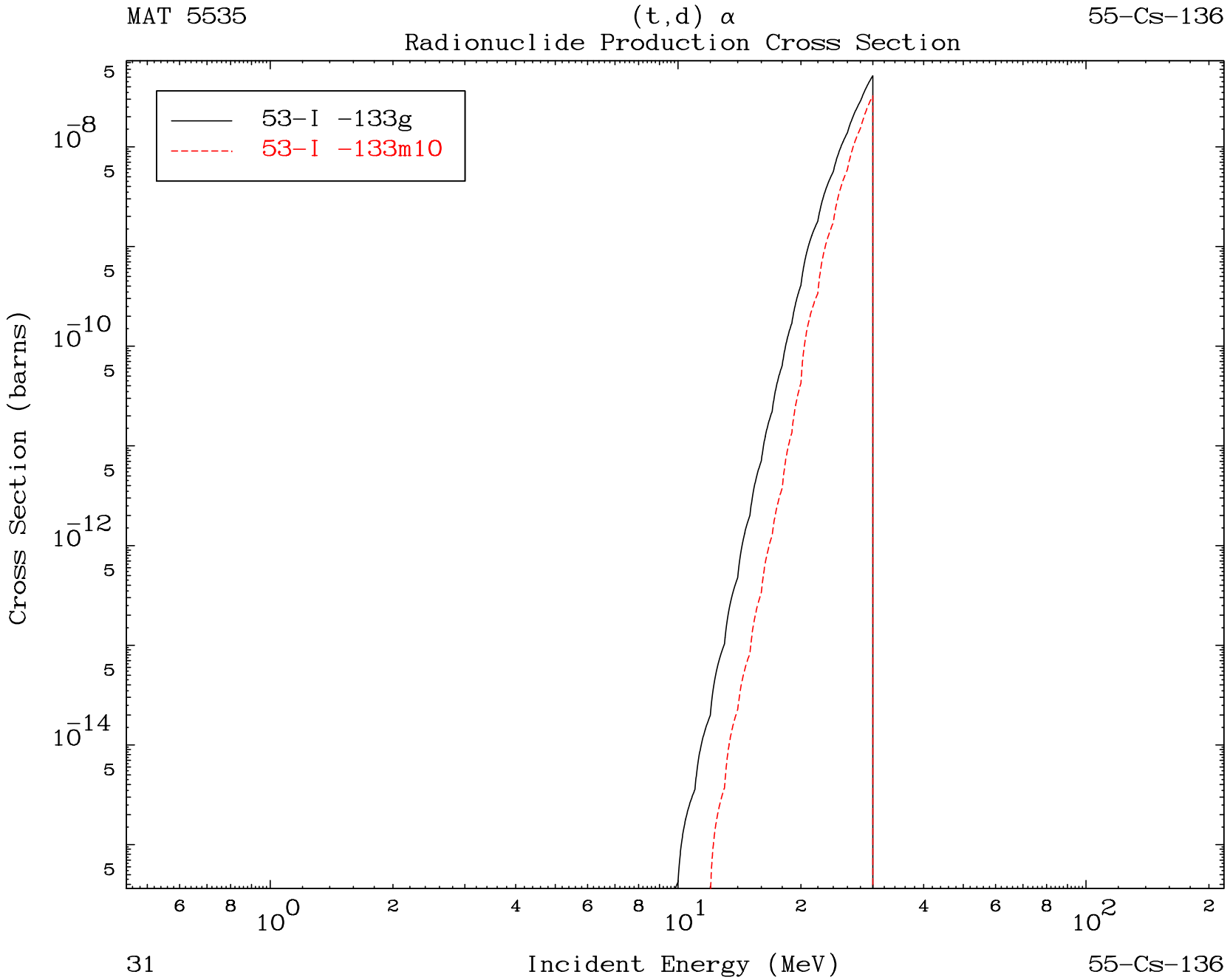

MAT 5535
(t,t)
55-Cs-136
Radionuclide Production Cross Section
55-Cs-136g
55-Cs-136m1
Cross Section (barns)
Incident Energy (MeV)
26
55-Cs-136


MAT 5535
(t,α)
55-Cs-136
Radionuclide Production Cross Section
54-Xe-135g
54-Xe-135m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
27
Incident Energy (MeV)
55-Cs-136


MAT 5535
(t,2α)
55-Cs-136
Radionuclide Production Cross Section
52-Te-131g
52-Te-131m1
Cross Section (barns)
Incident Energy (MeV)
28
55-Cs-136


MAT 5535
(t,p) α
55-Cs-136
Radionuclide Production Cross Section
53-I -134g
53-I -134m5
Cross Section (barns)
Incident Energy (MeV)
29
55-Cs-136


MAT 5535
(t,p) t
55-Cs-136
Radionuclide Production Cross Section
54-Xe-135g
54-Xe-135m2
Cross Section (barns)
Incident Energy (MeV)
30
55-Cs-136


MAT 5535
(t,d) α
55-Cs-136
Radionuclide Production Cross Section
53-I -133g
53-I -133m10
Cross Section (barns)
Incident Energy (MeV)
31
55-Cs-136