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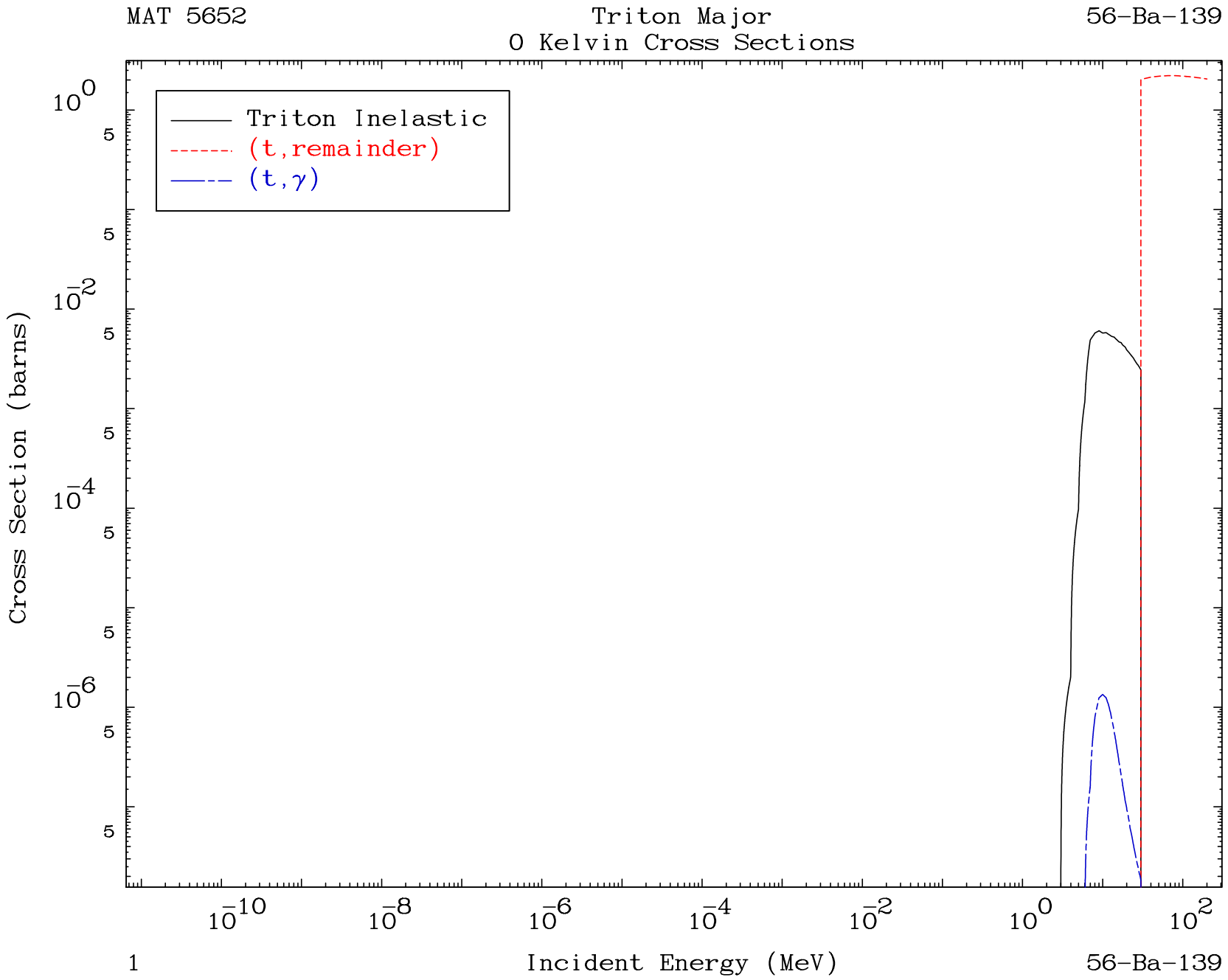
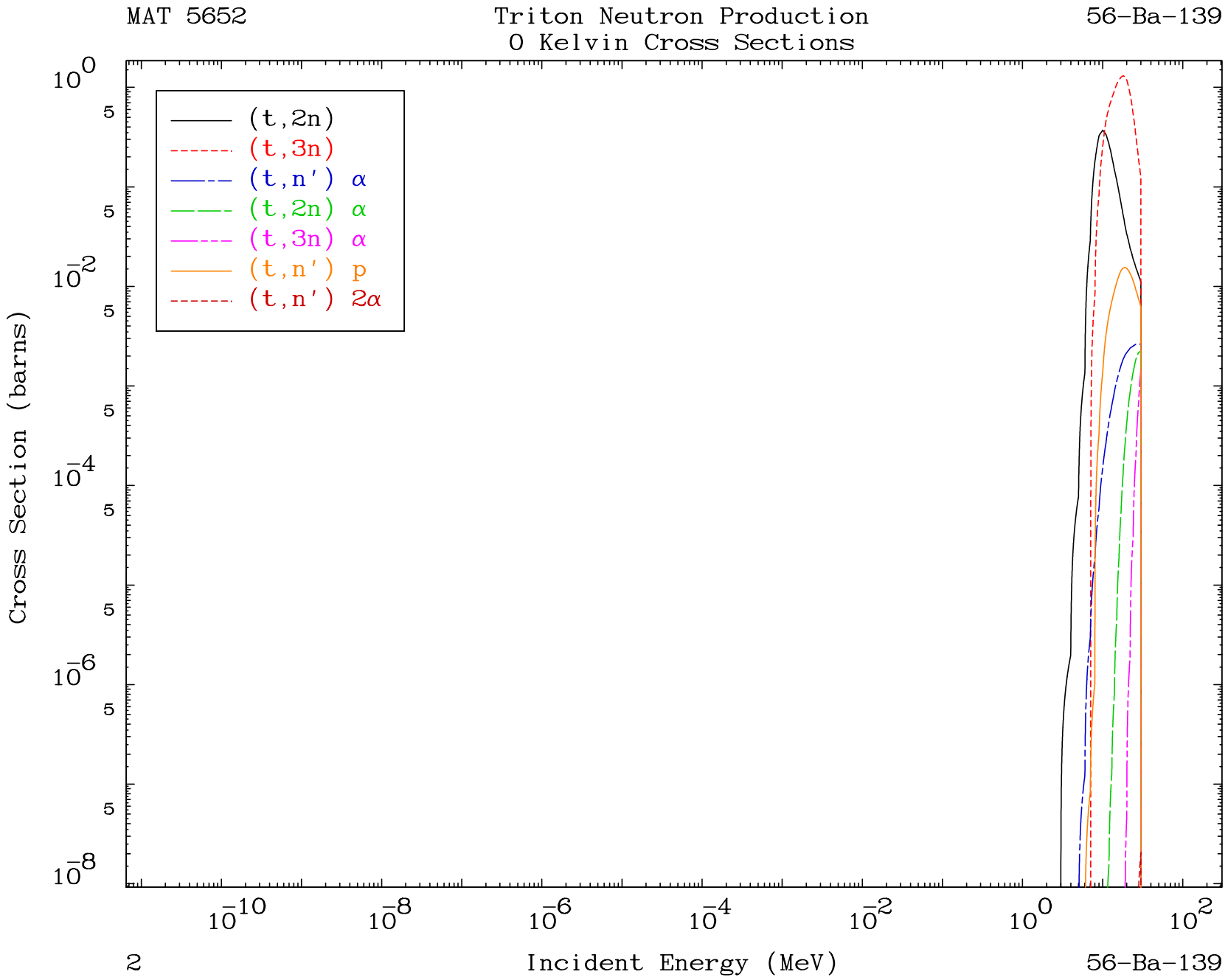
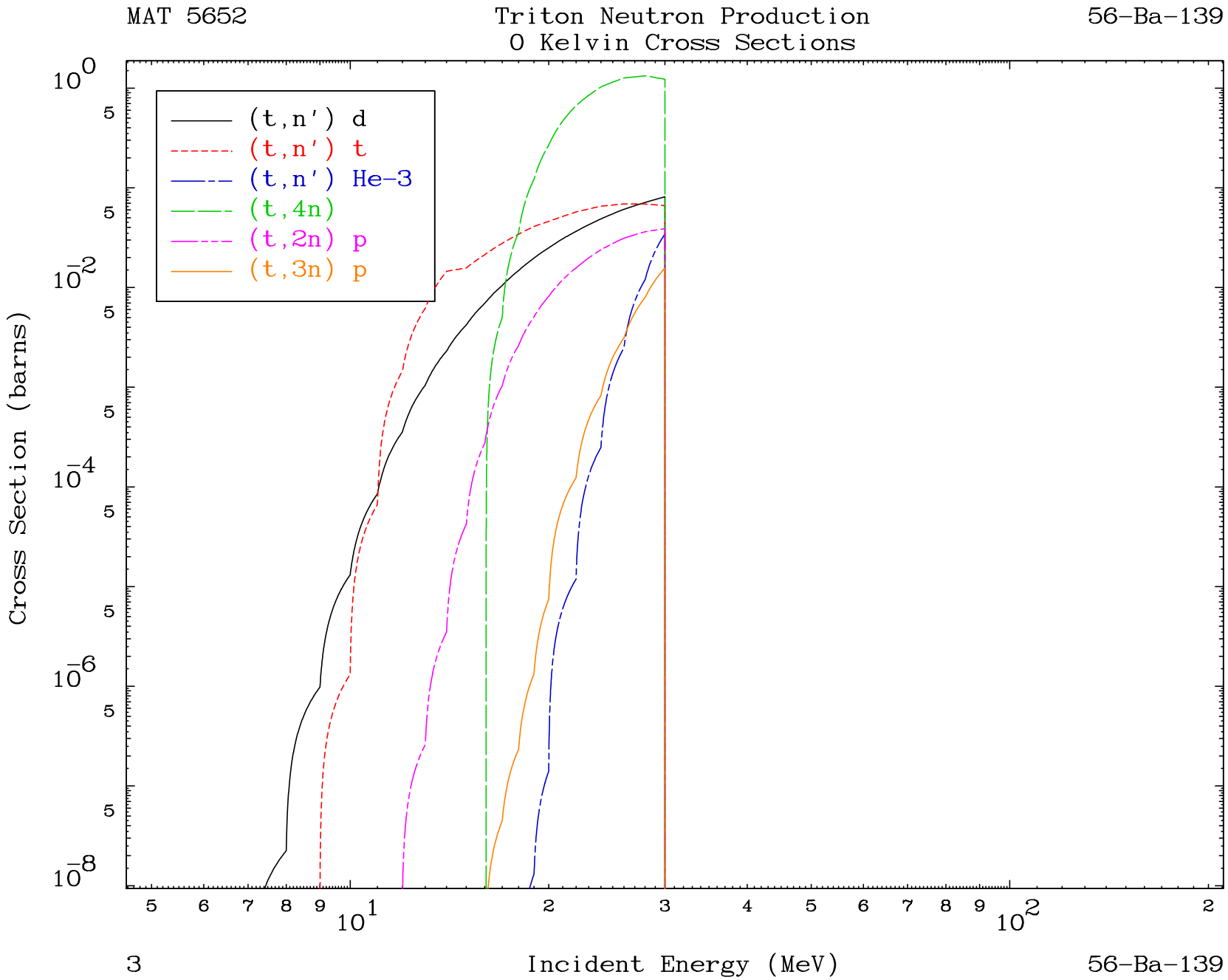
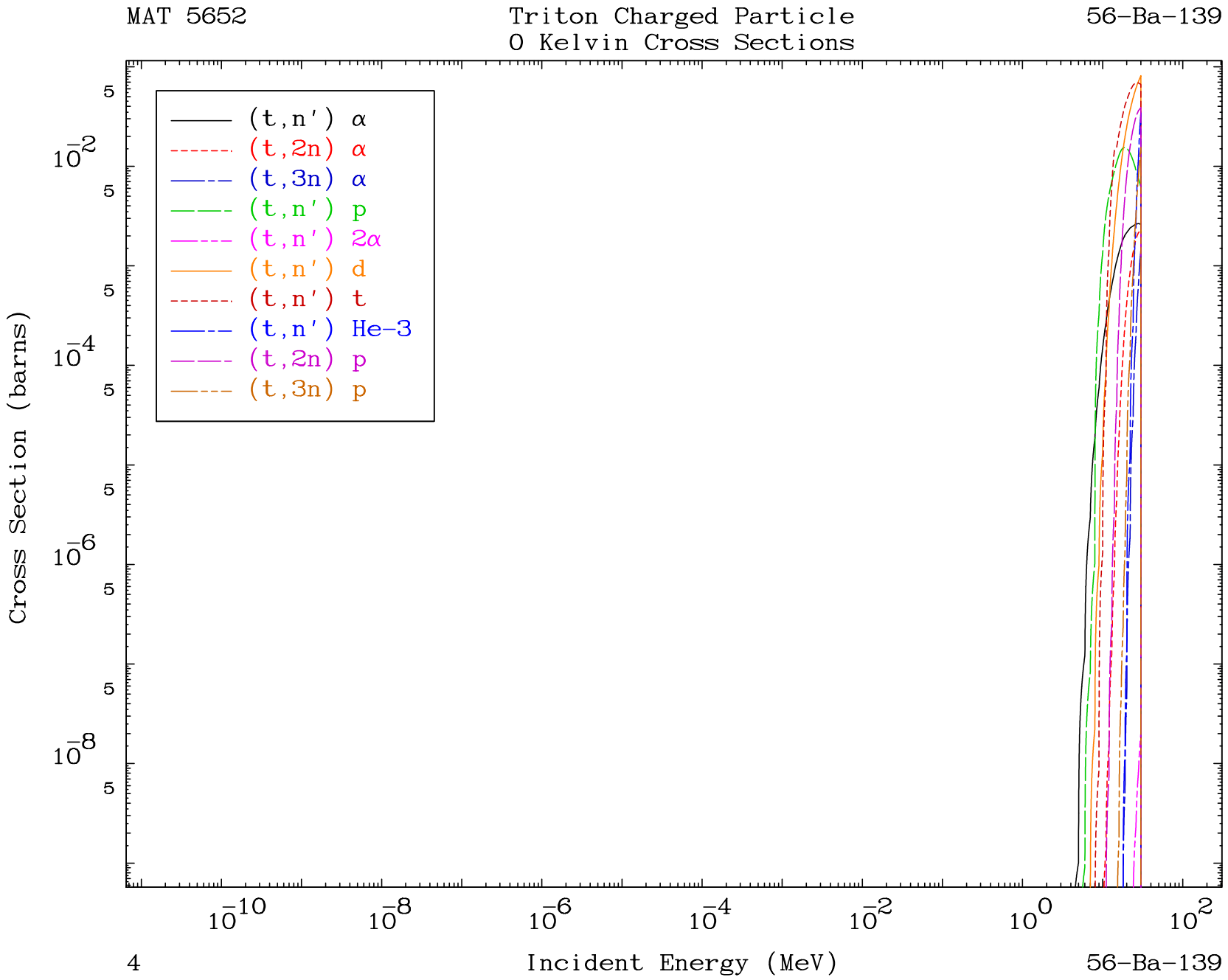
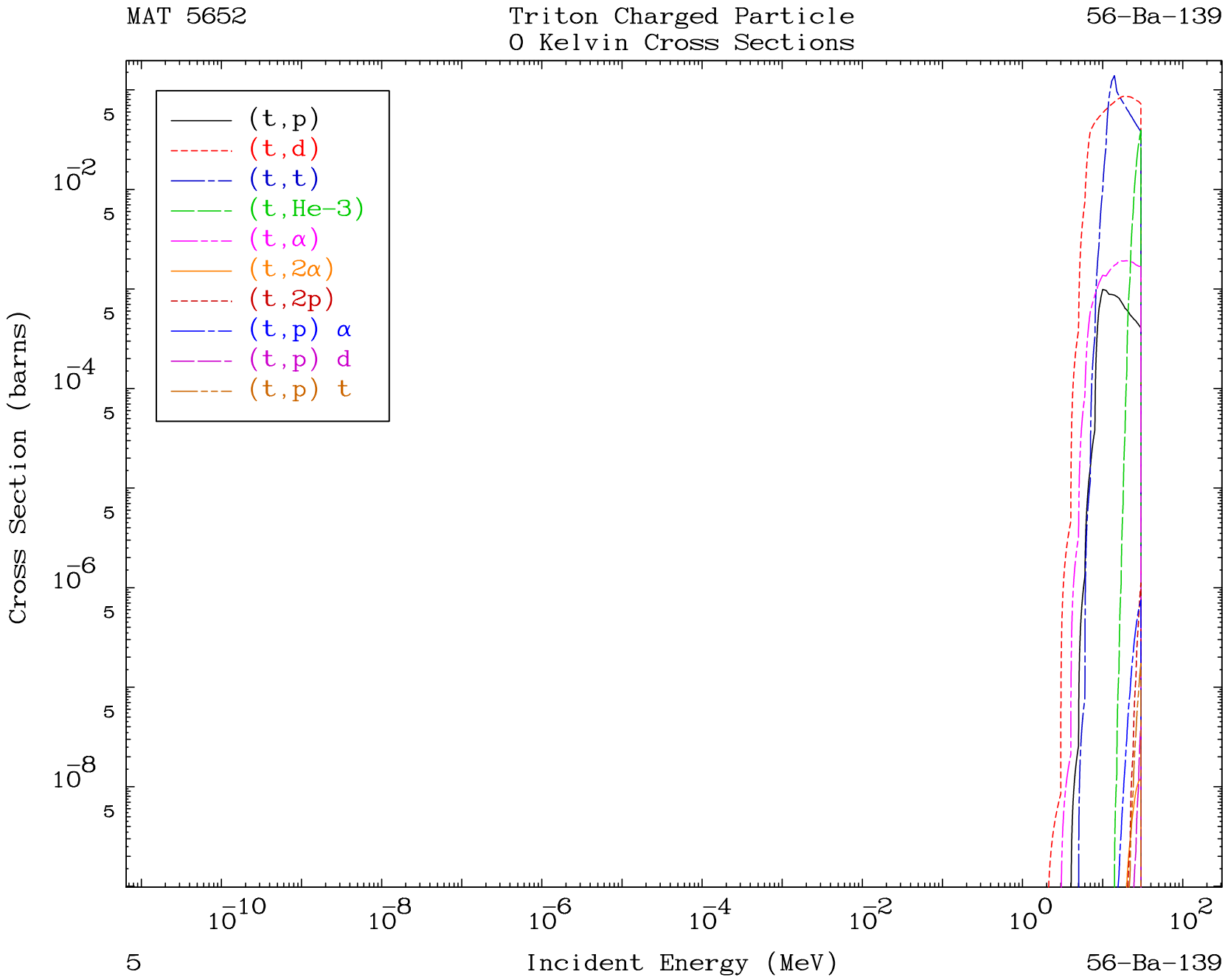
Press Mouse Button to Start

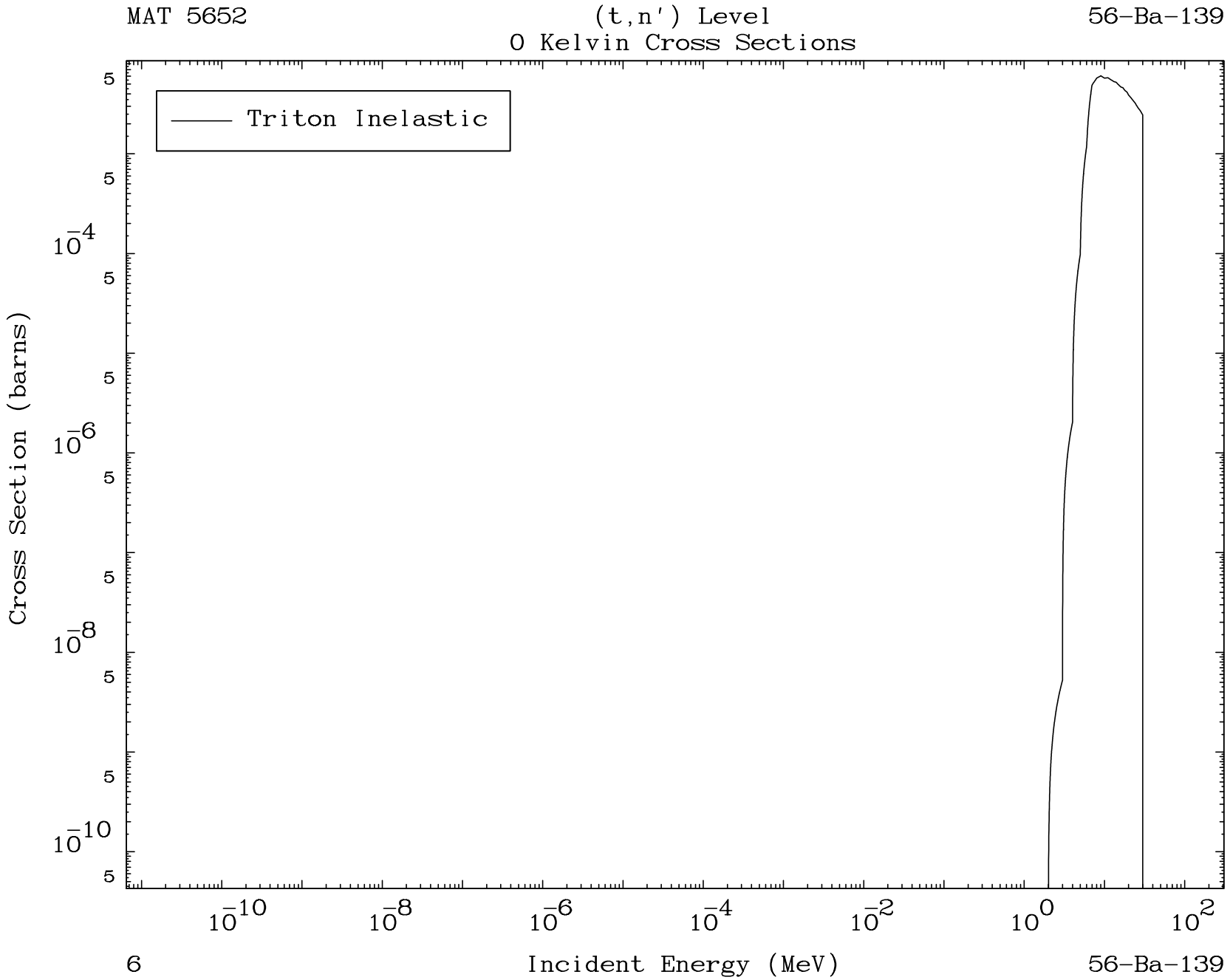

MAT 5652
Triton Major
56-Ba-139
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
56-Ba-139
1

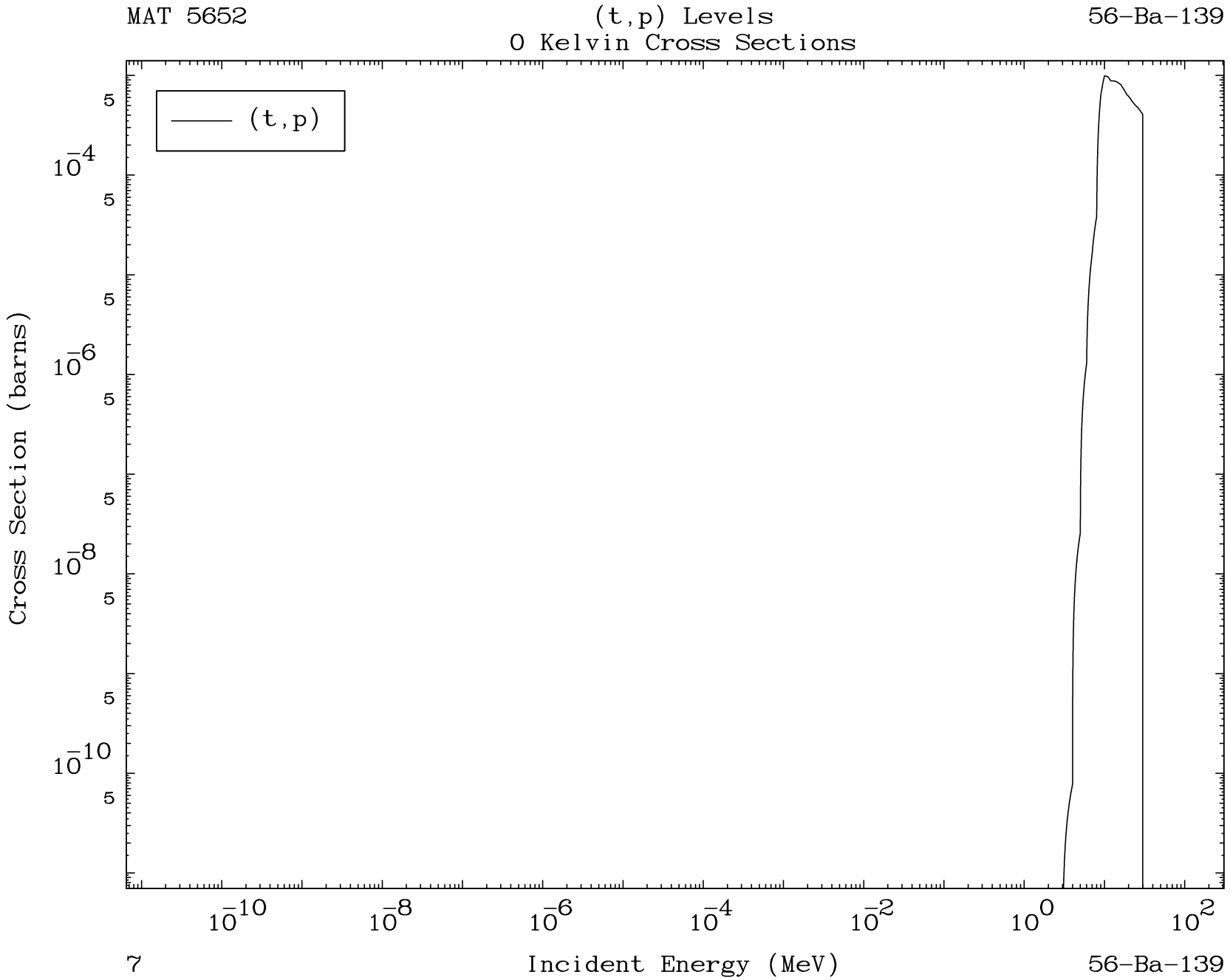

MAT 5652
Triton Neutron Production
0 Kelvin Cross Sections
56-Ba-139
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
56-Ba-139

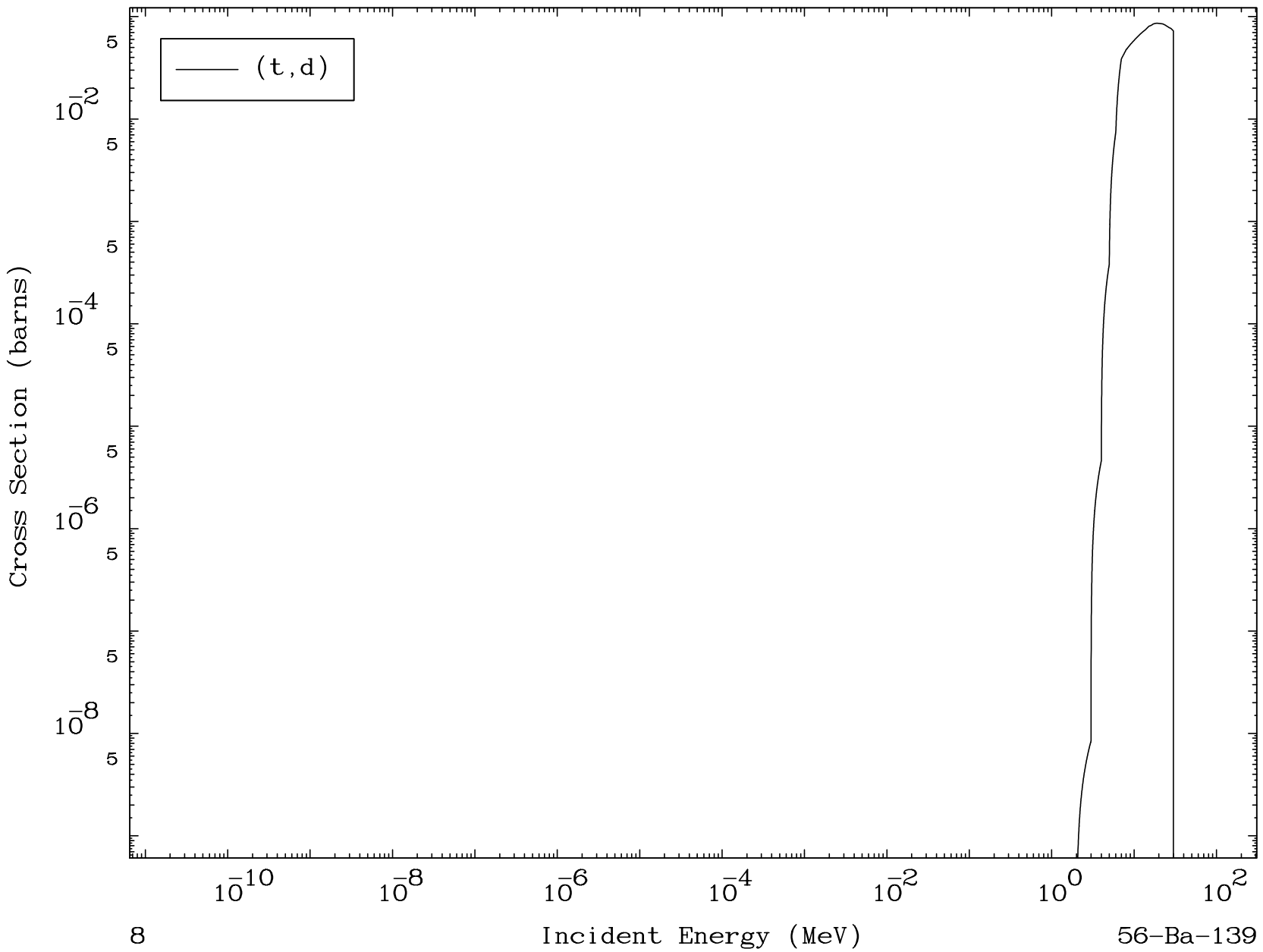

MAT 5652
Triton Neutron Production
0 Kelvin Cross Sections
56-Ba-139
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
56-Ba-139

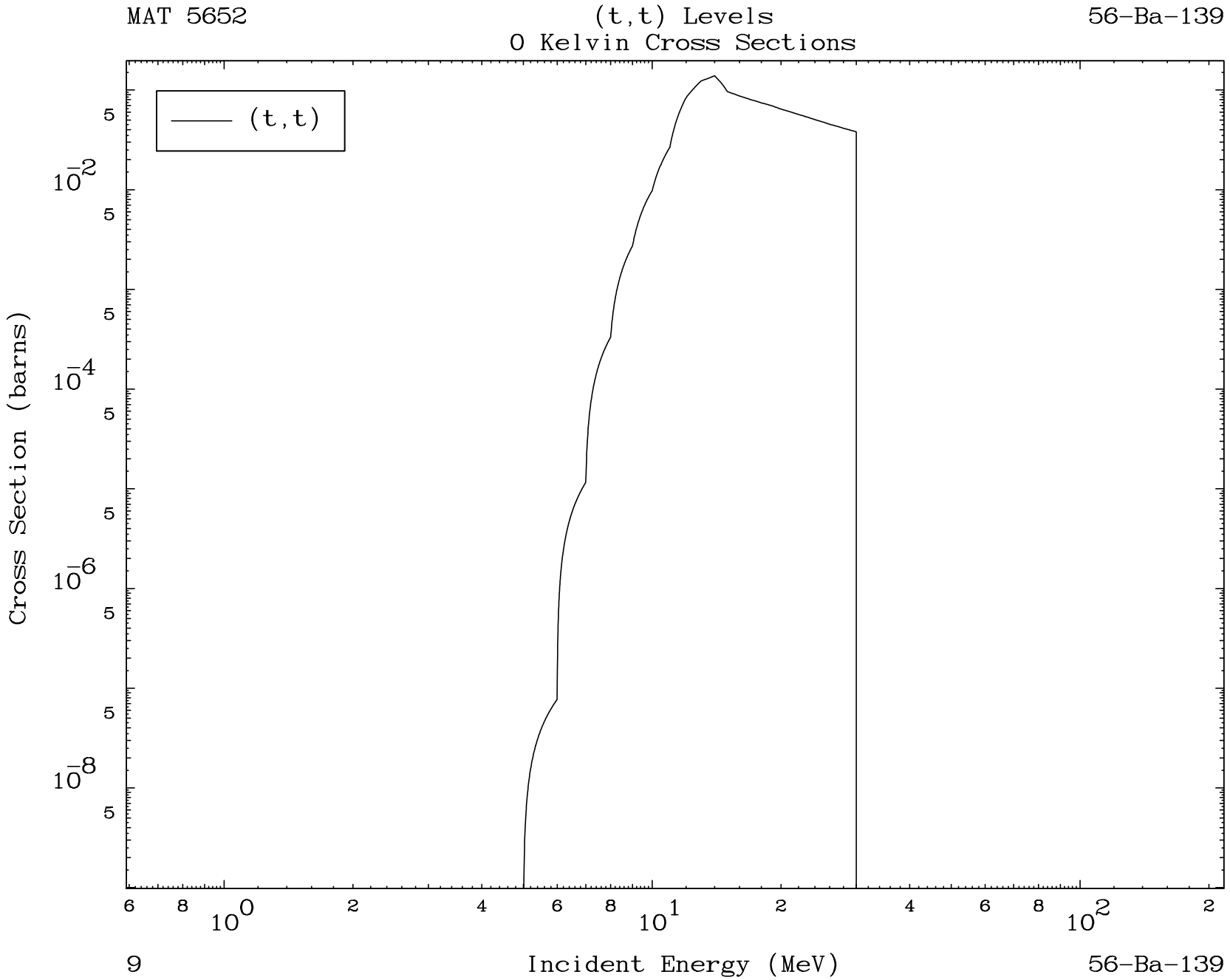

MAT 5652
Triton Charged Particle
0 Kelvin Cross Sections
56-Ba-139
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
56-Ba-139

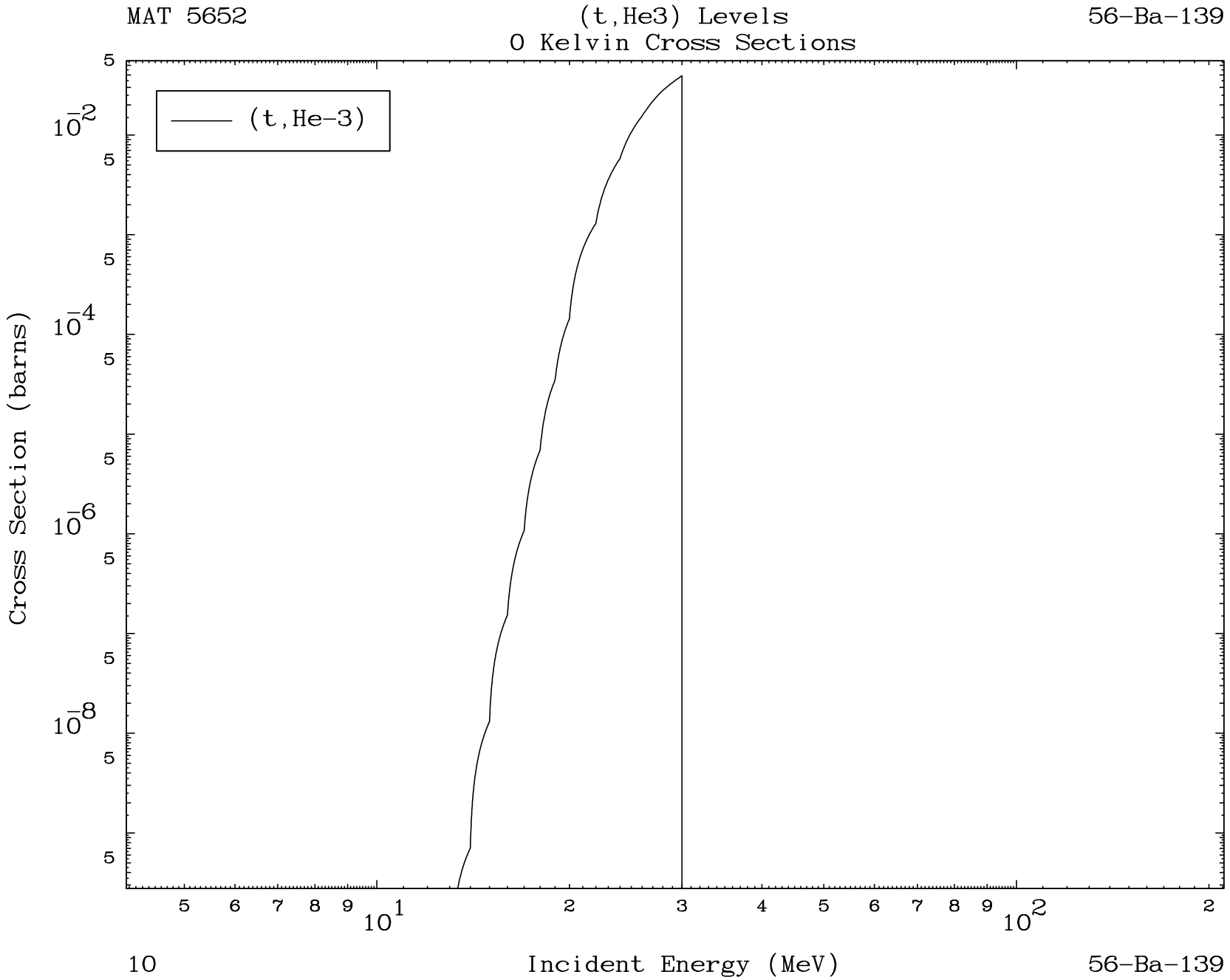

MAT 5652
Triton Charged Particle
0 Kelvin Cross Sections
56-Ba-139
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2α)
(t,2p)
(t,p) α
(t,p) d
(t,p) t
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
Incident Energy (MeV)
56-Ba-139

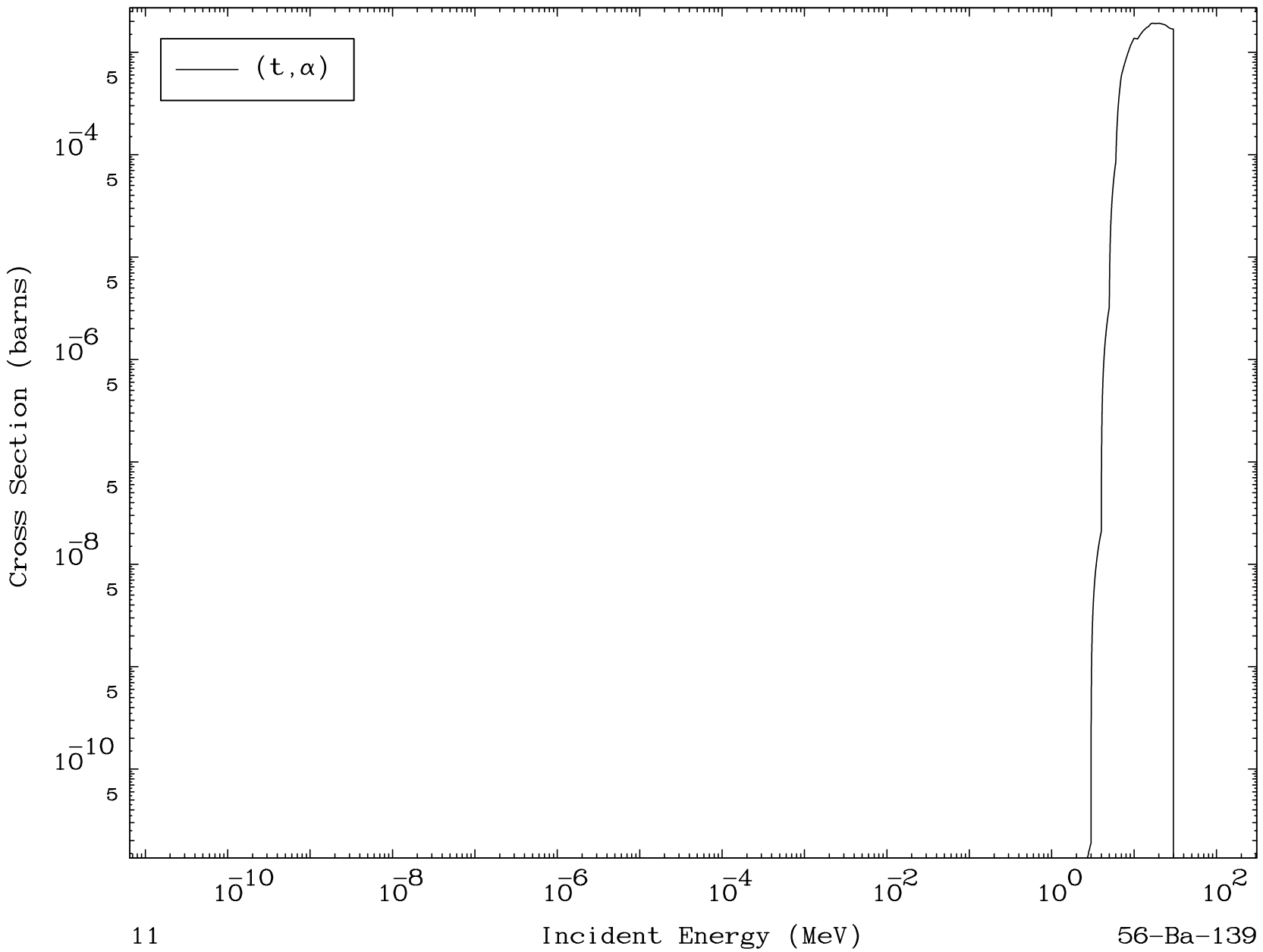

MAT 5652
(t,n') Level
56-Ba-139
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
56-Ba-139

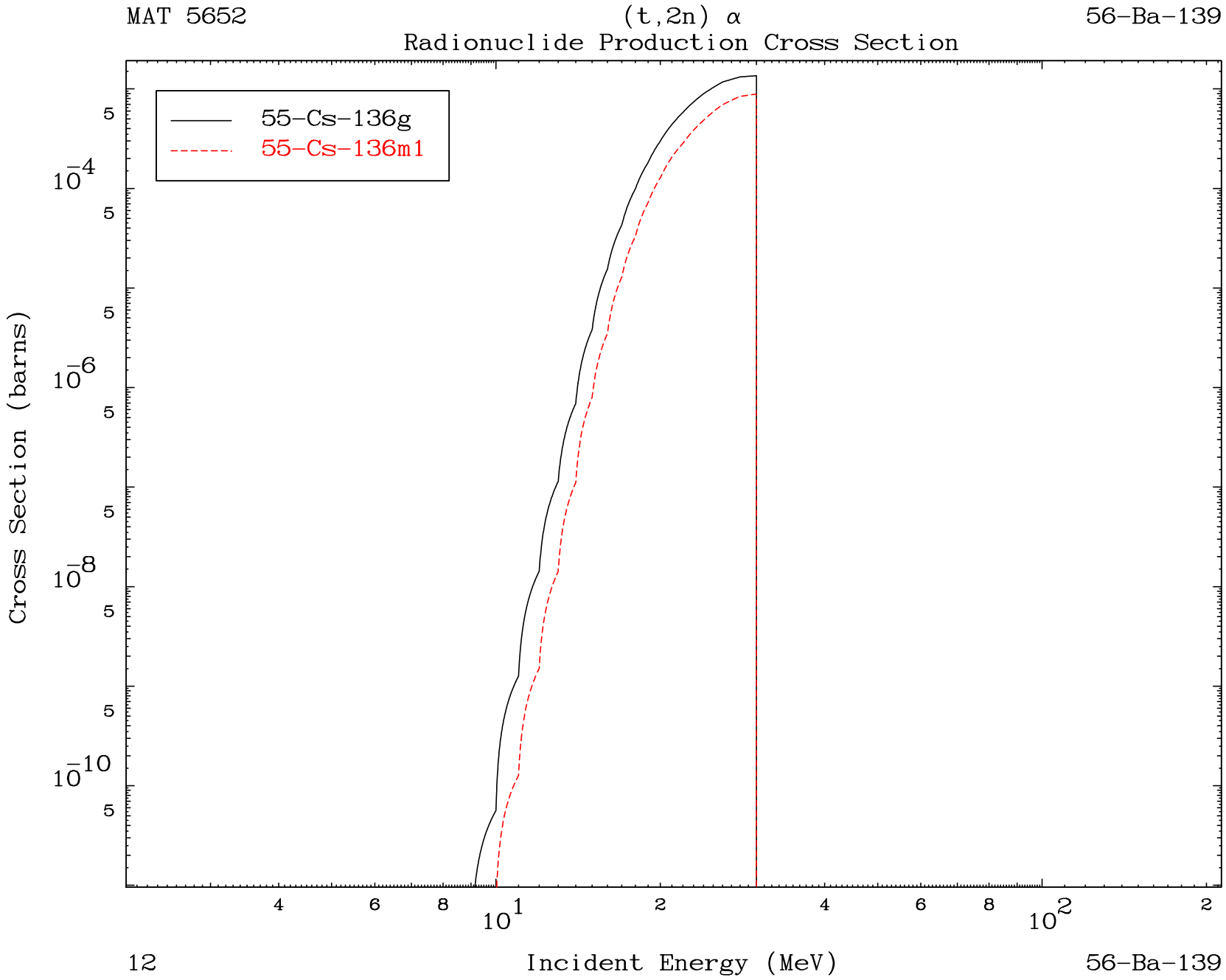

MAT 5652
(t,p) Levels
56-Ba-139
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
7
56-Ba-139

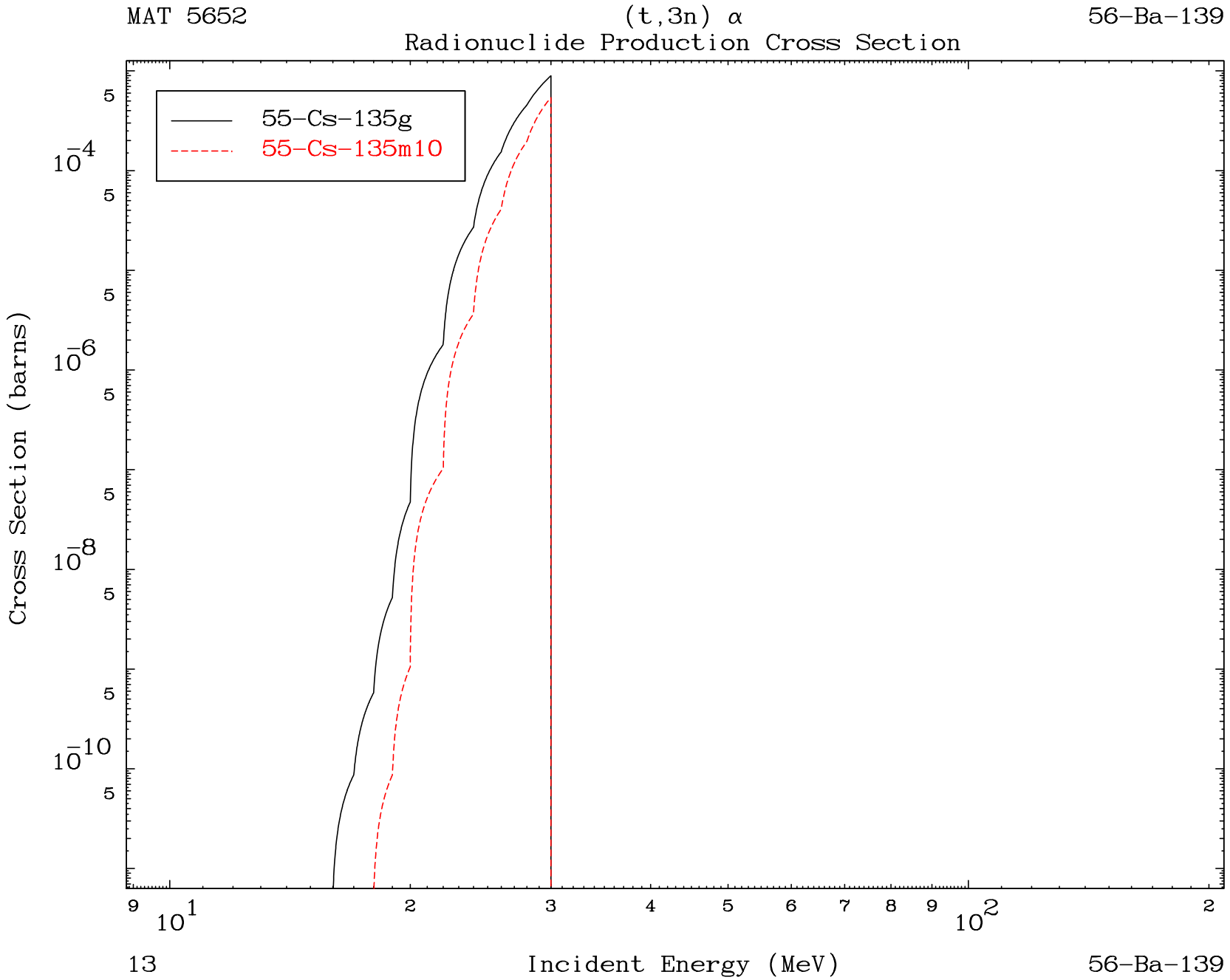

0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
10^-2
10^-4
10^-6
10^-8
10^-10
10^0
10^2

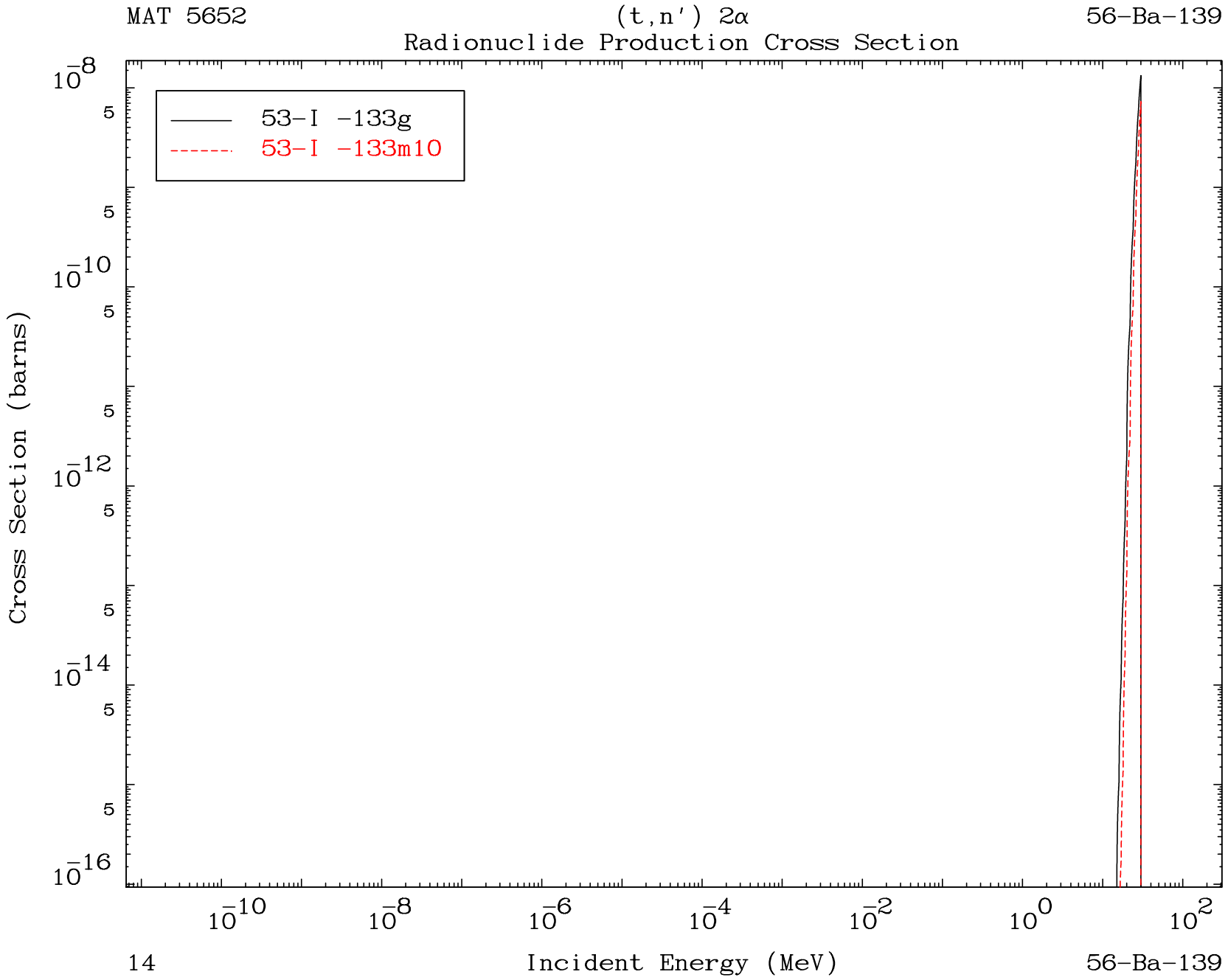

MAT 5652
(t,t) Levels
56-Ba-139
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
9
56-Ba-139

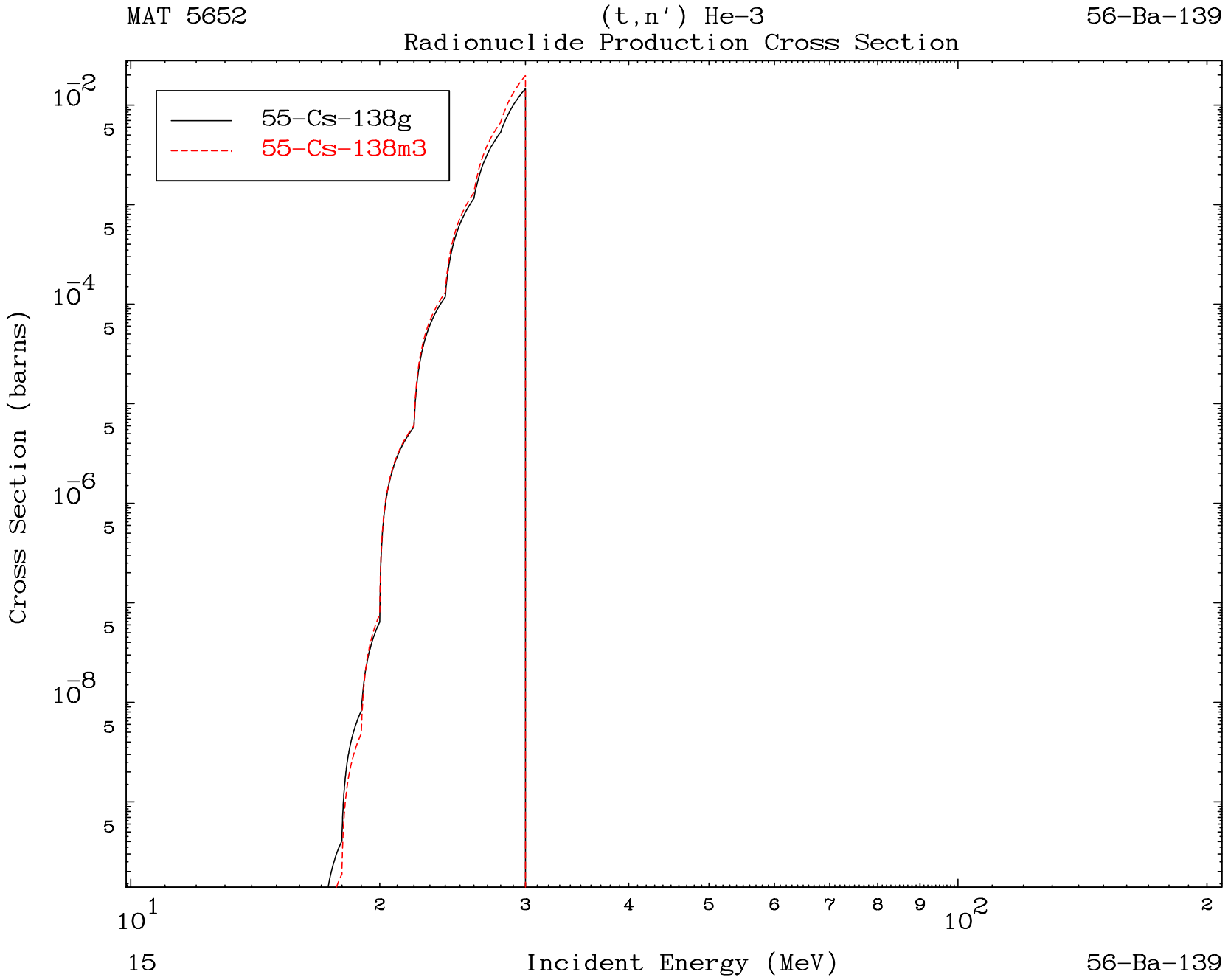

MAT 5652
(t,He3) Levels
56-Ba-139
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
56-Ba-139

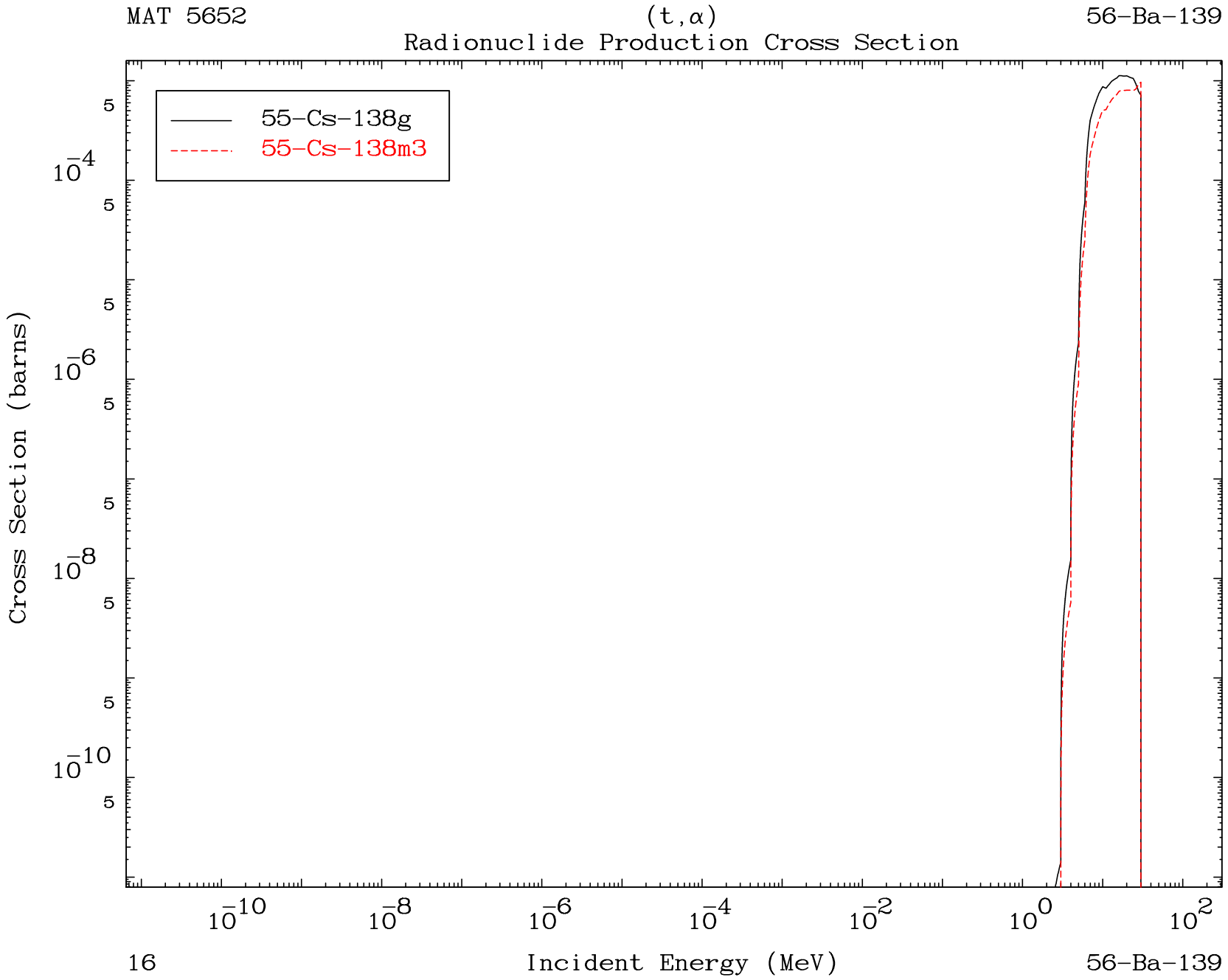

0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
Incident Energy (MeV)

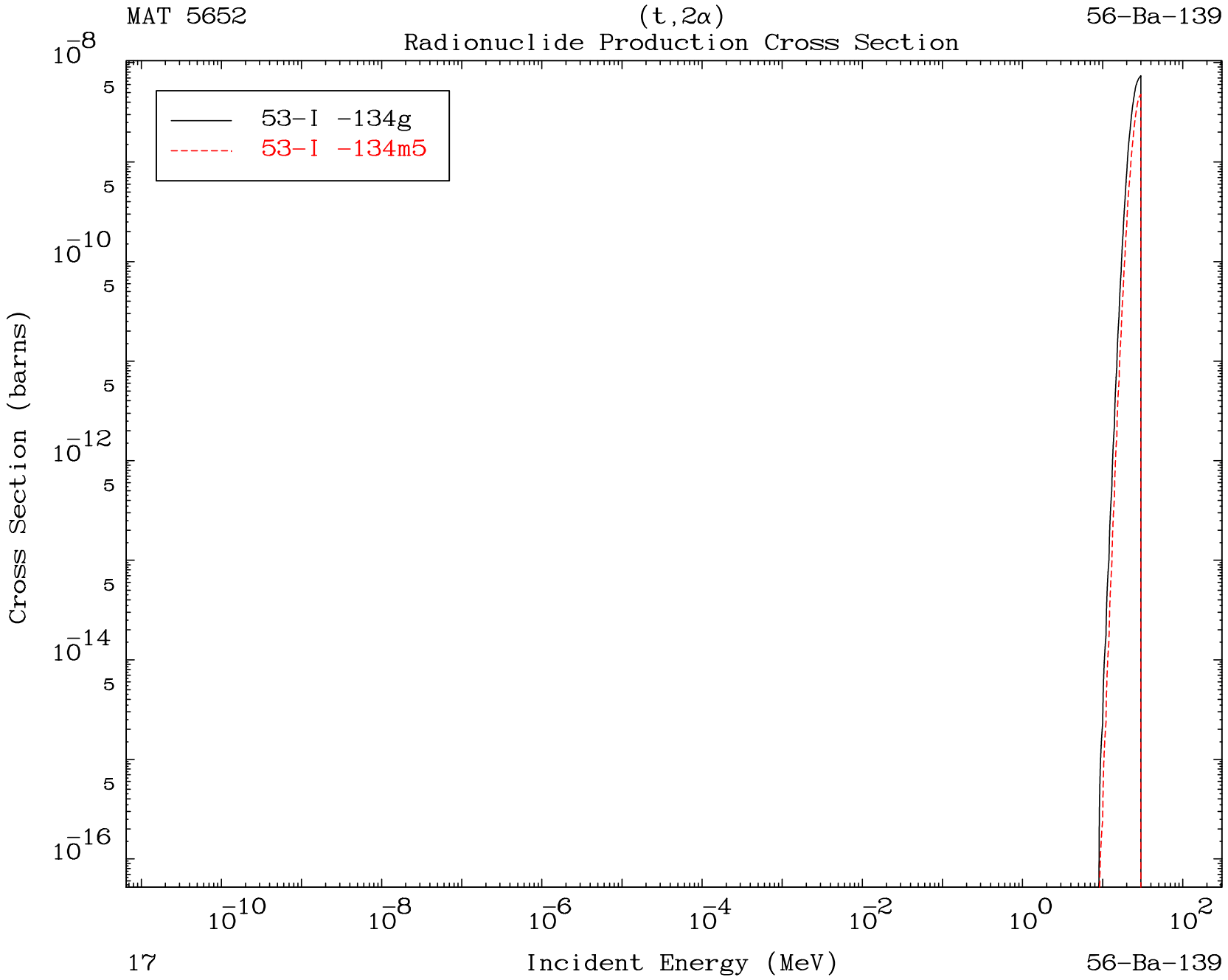

MAT 5652
(t,2n) α
56-Ba-139
Radionuclide Production Cross Section
55-Cs-136g
55-Cs-136m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
4
6
8
101
2
4
6
8
102
2
12
Incident Energy (MeV)
56-Ba-139

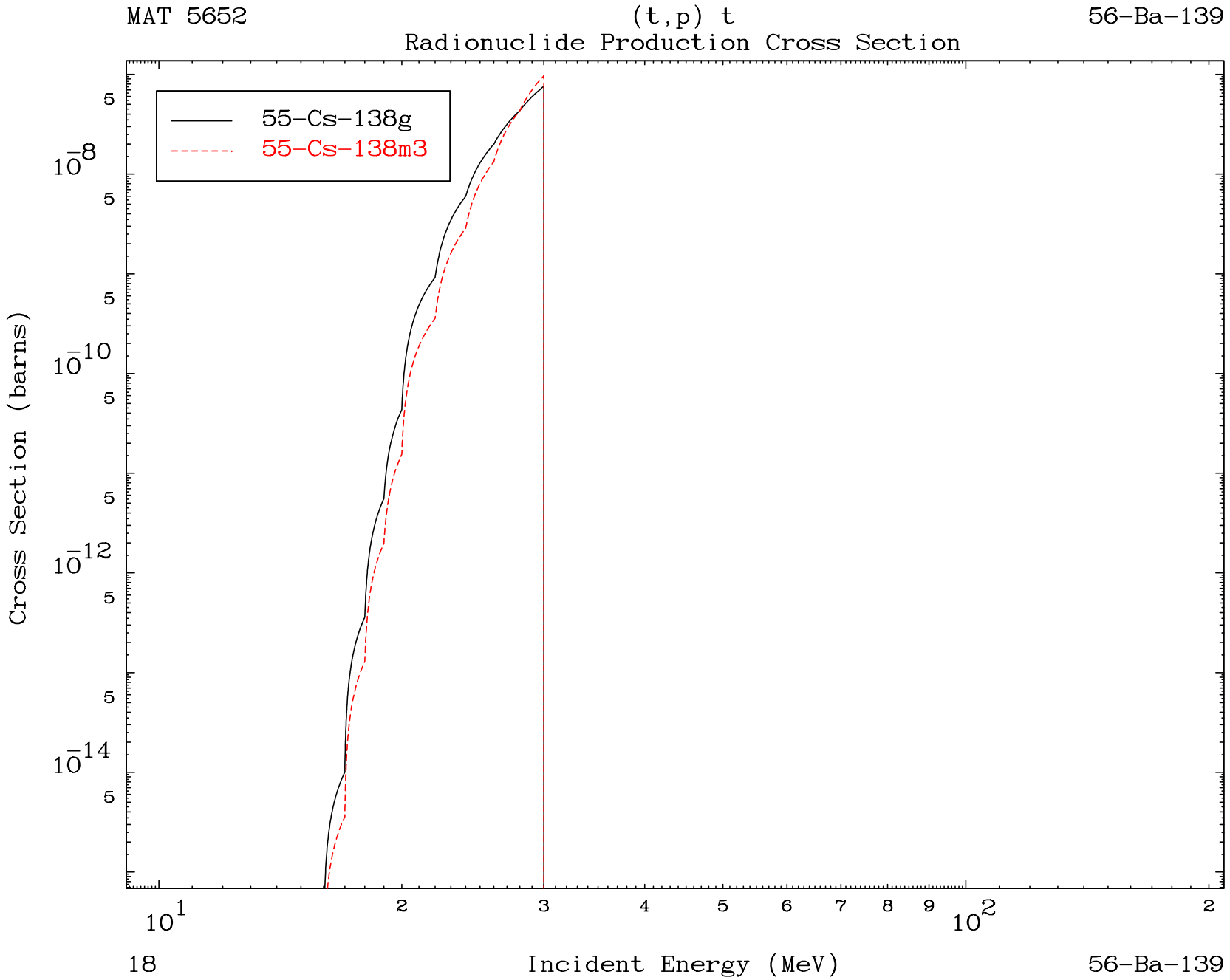

MAT 5652
(t,3n) α
56-Ba-139
Radionuclide Production Cross Section
55-Cs-135g
55-Cs-135m10
Cross Section (barns)
10-4
10-6
10-8
10-10
5
9
10 1
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
56-Ba-139


MAT 5652
(t,n') 2α
56-Ba-139
Radionuclide Production Cross Section
53-I -133g
53-I -133m10
Cross Section (barns)
Incident Energy (MeV)
14
56-Ba-139


MAT 5652
(t,n') He-3
56-Ba-139
Radionuclide Production Cross Section
55-Cs-138g
55-Cs-138m3
Cross Section (barns)
Incident Energy (MeV)
56-Ba-139
15


MAT 5652
(t,α)
56-Ba-139
Radionuclide Production Cross Section
55-Cs-138g
55-Cs-138m3
Cross Section (barns)
Incident Energy (MeV)
16
56-Ba-139


MAT 5652
(t,2α)
56-Ba-139
Radionuclide Production Cross Section
53-I -134g
53-I -134m5
Cross Section (barns)
Incident Energy (MeV)
17
56-Ba-139


MAT 5652
(t,p) t
56-Ba-139
Radionuclide Production Cross Section
55-Cs-138g
55-Cs-138m3
Cross Section (barns)
10-8
10-10
10-12
10-14
5
101
2
3
4
5
6
7
8
9
102
2
18
Incident Energy (MeV)
56-Ba-139