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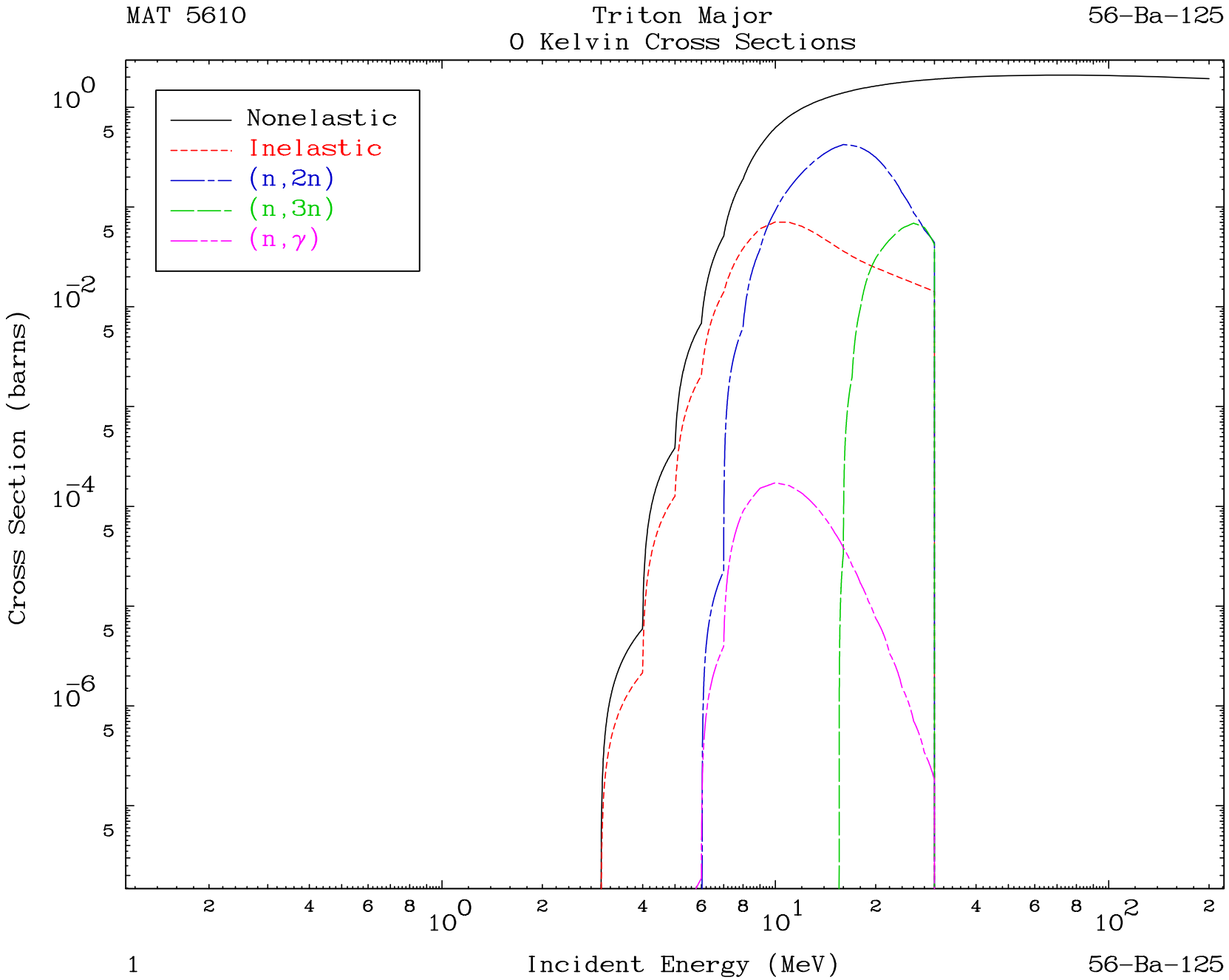
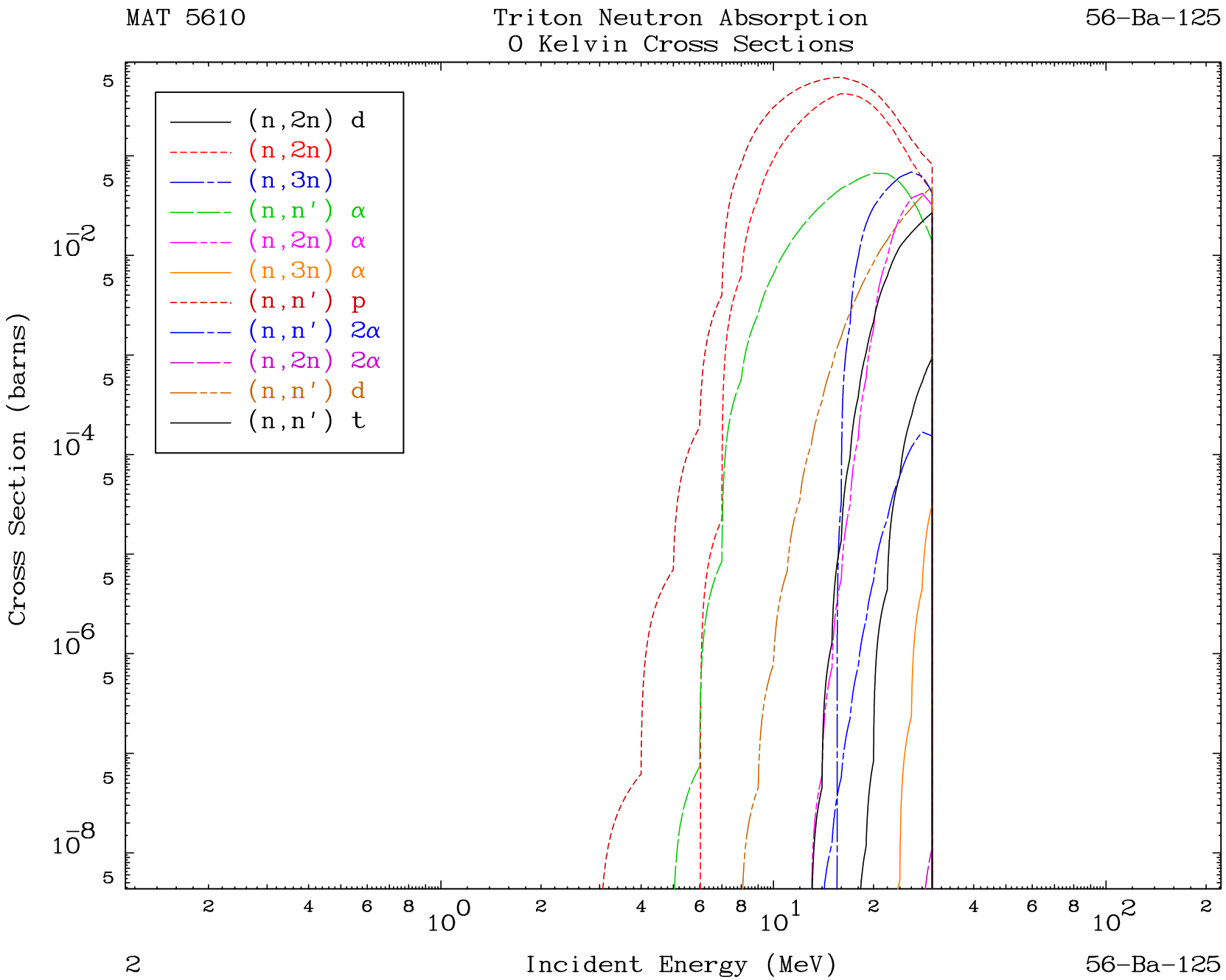
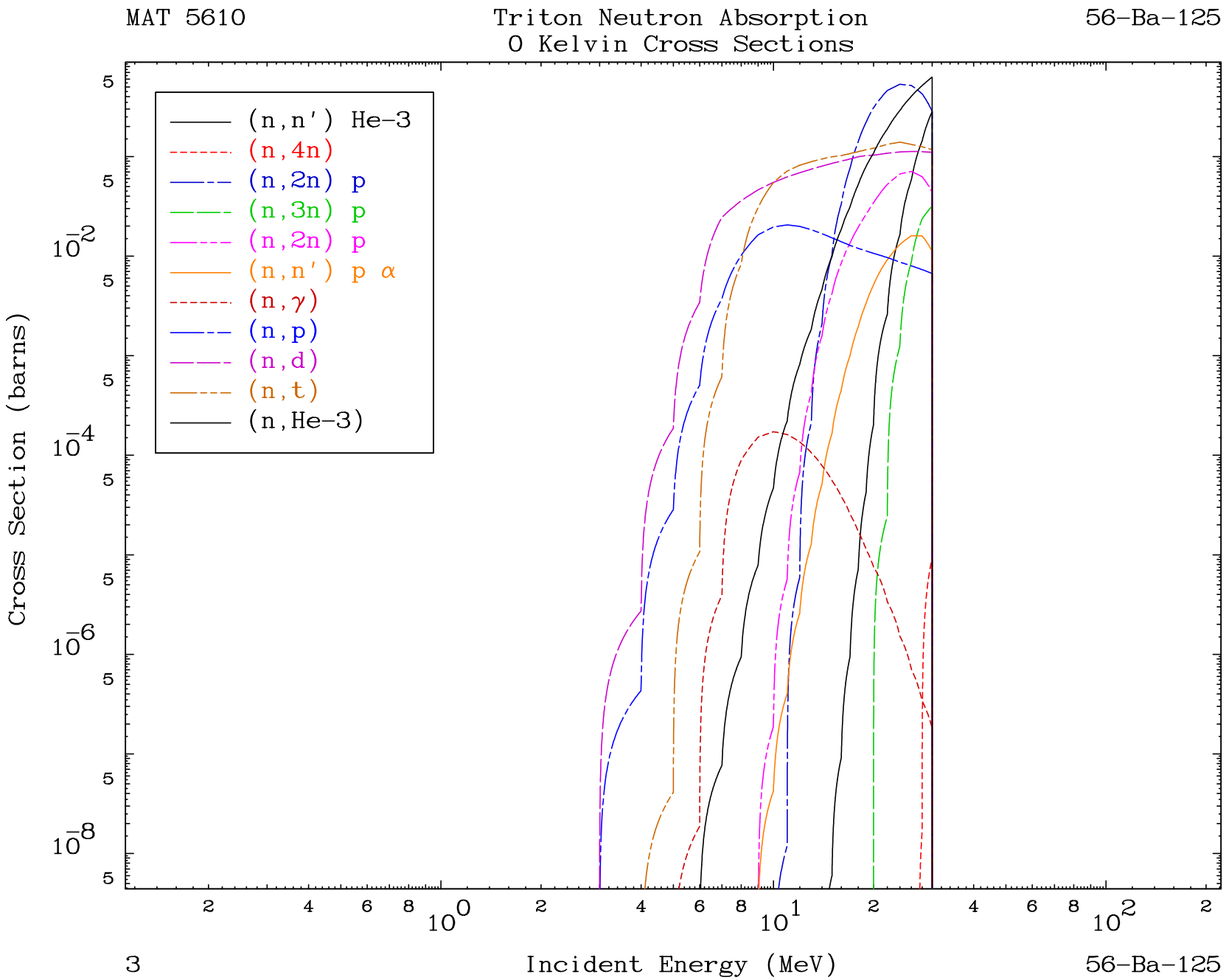
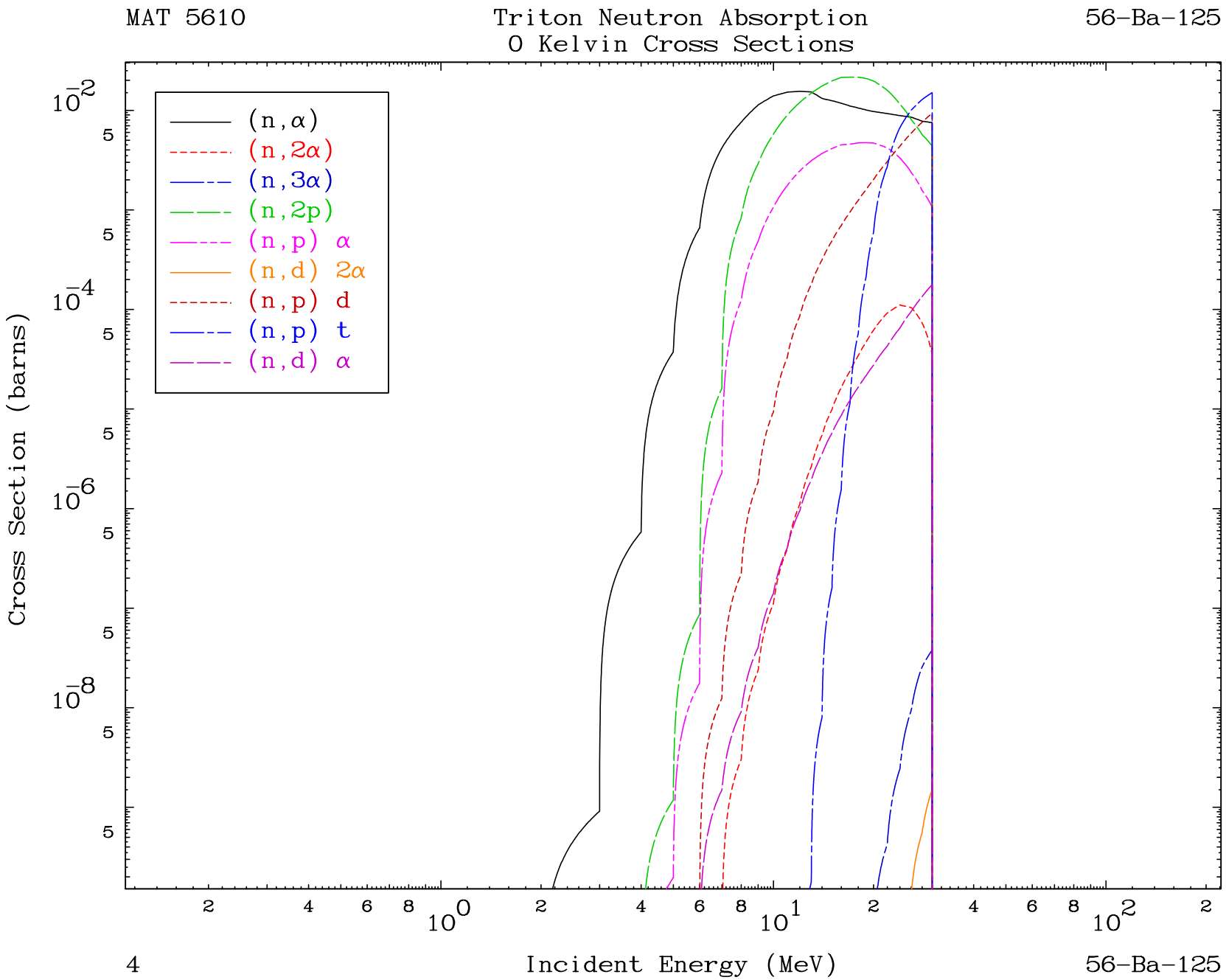
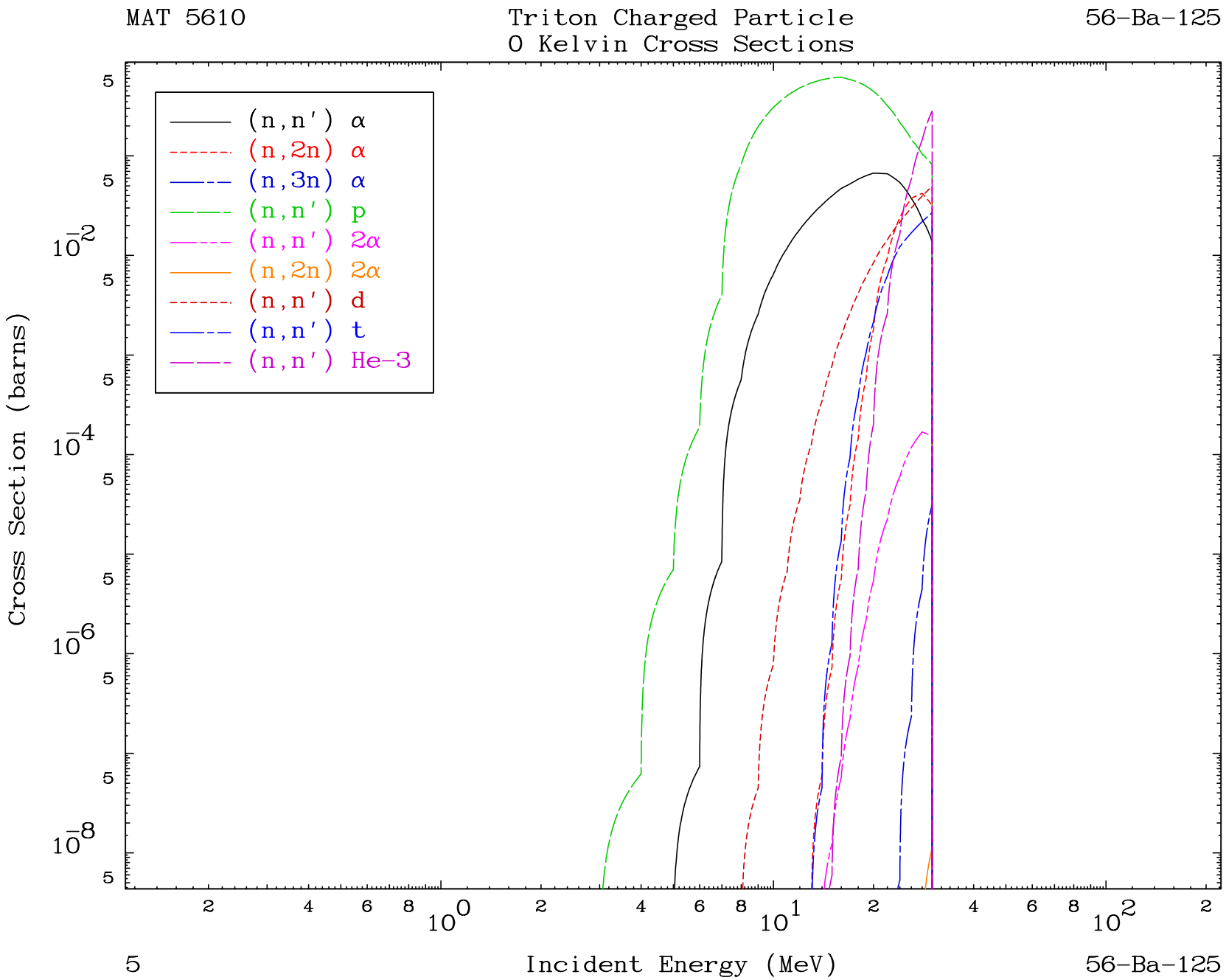
Press Mouse Button to Start

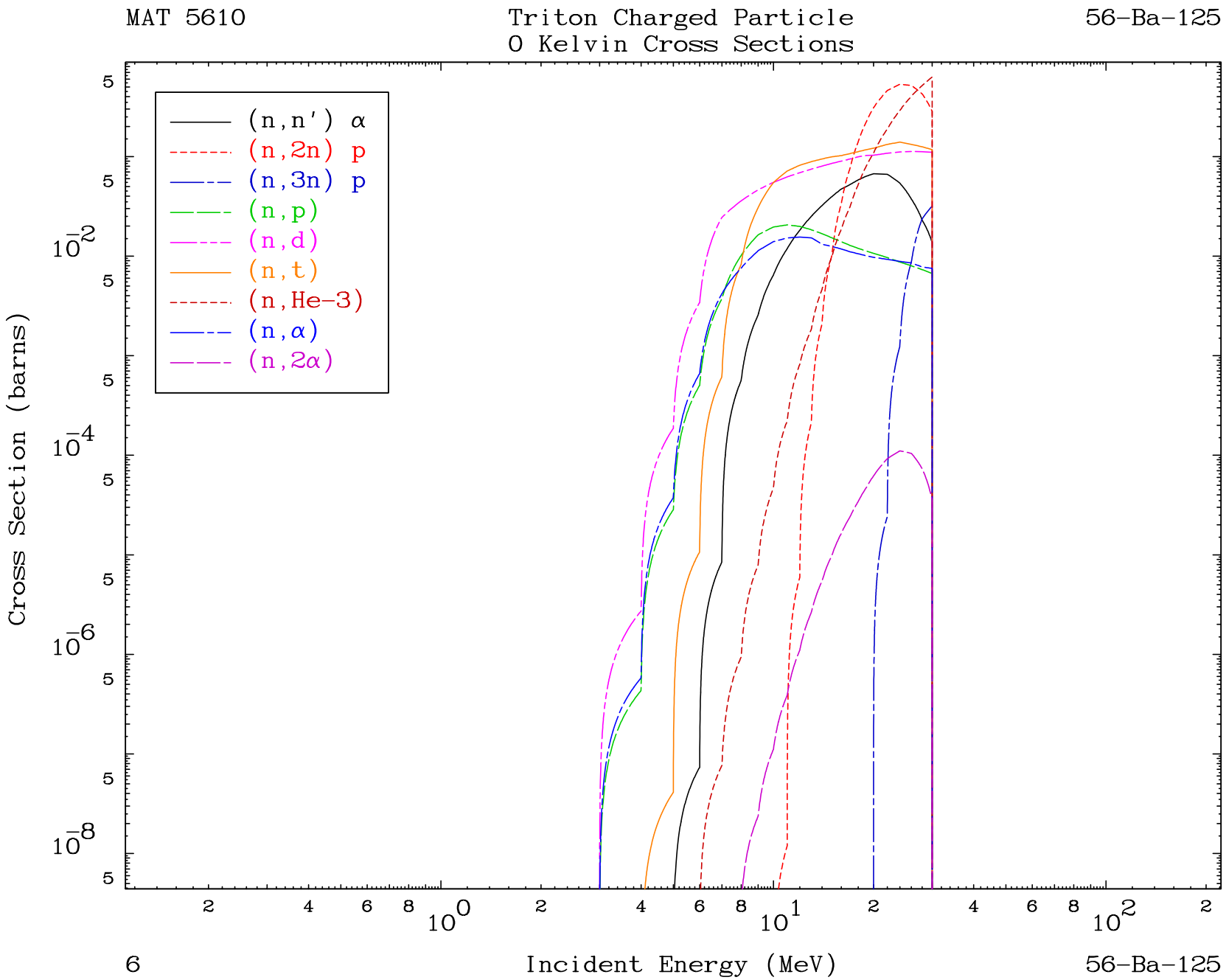

MAT 5610
Triton Major
56-Ba-125
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
56-Ba-125
1

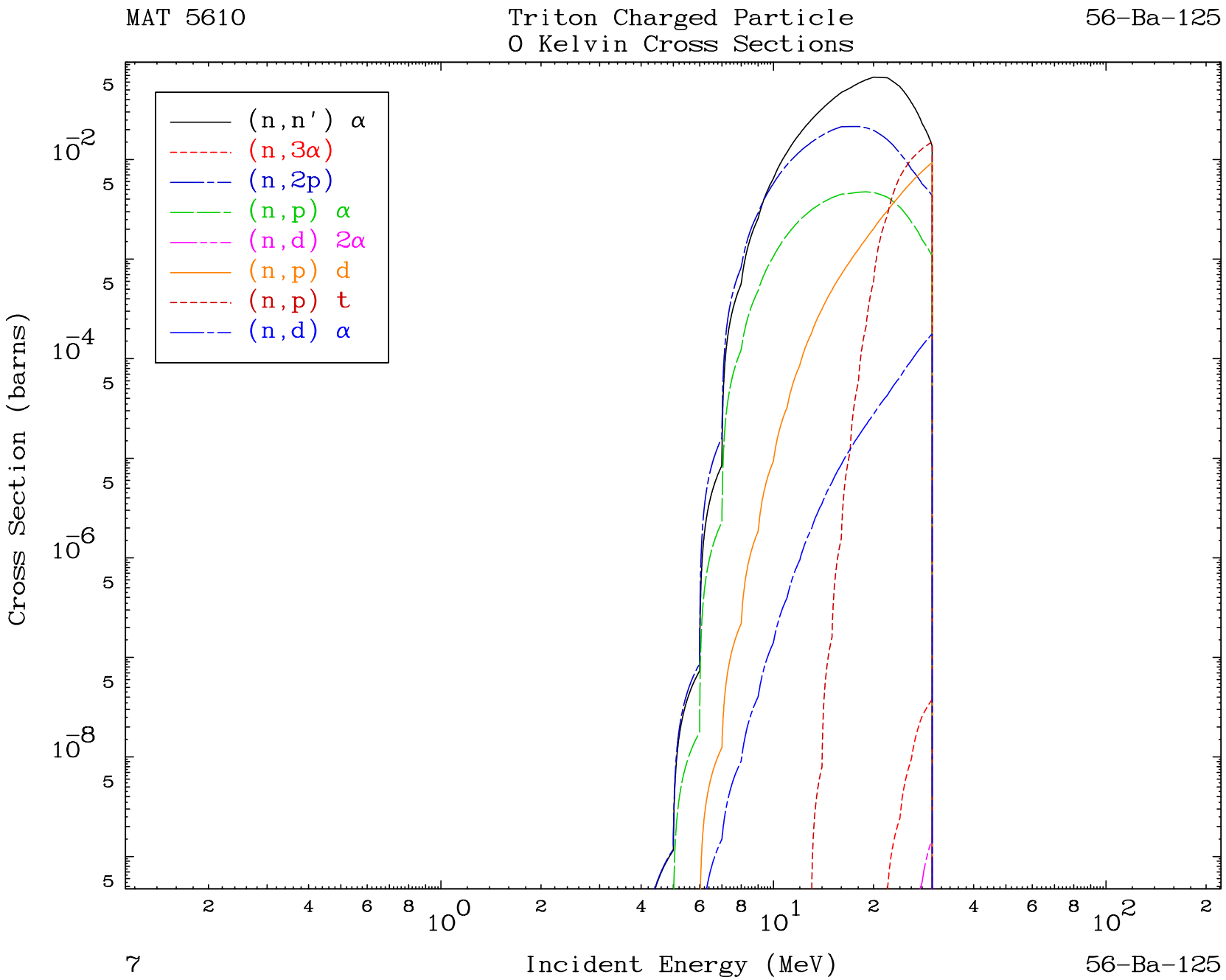

MAT 5610
Triton Neutron Absorption
0 Kelvin Cross Sections
56-Ba-125
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
2
56-Ba-125

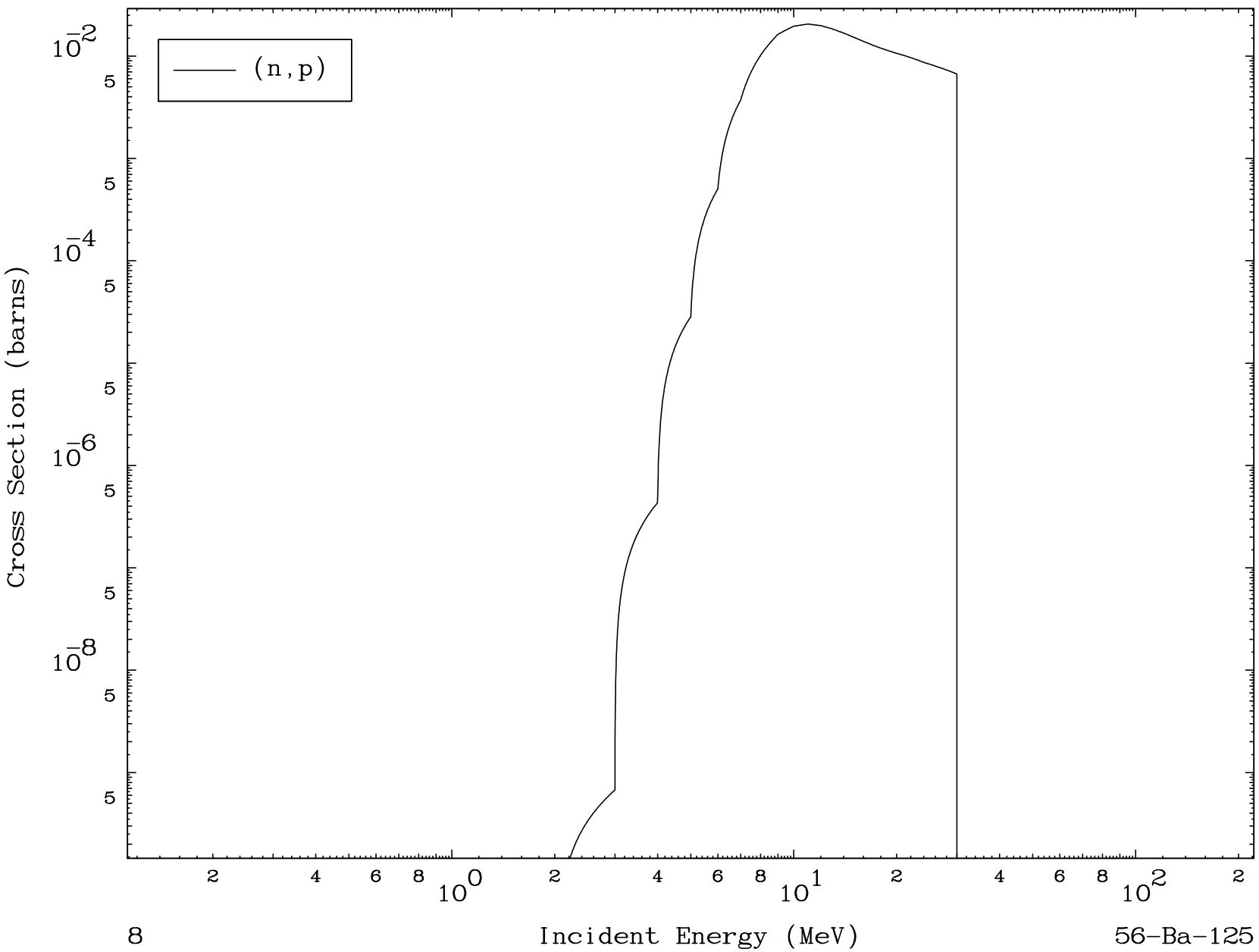

MAT 5610
Triton Neutron Absorption
0 Kelvin Cross Sections
56-Ba-125
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
56-Ba-125

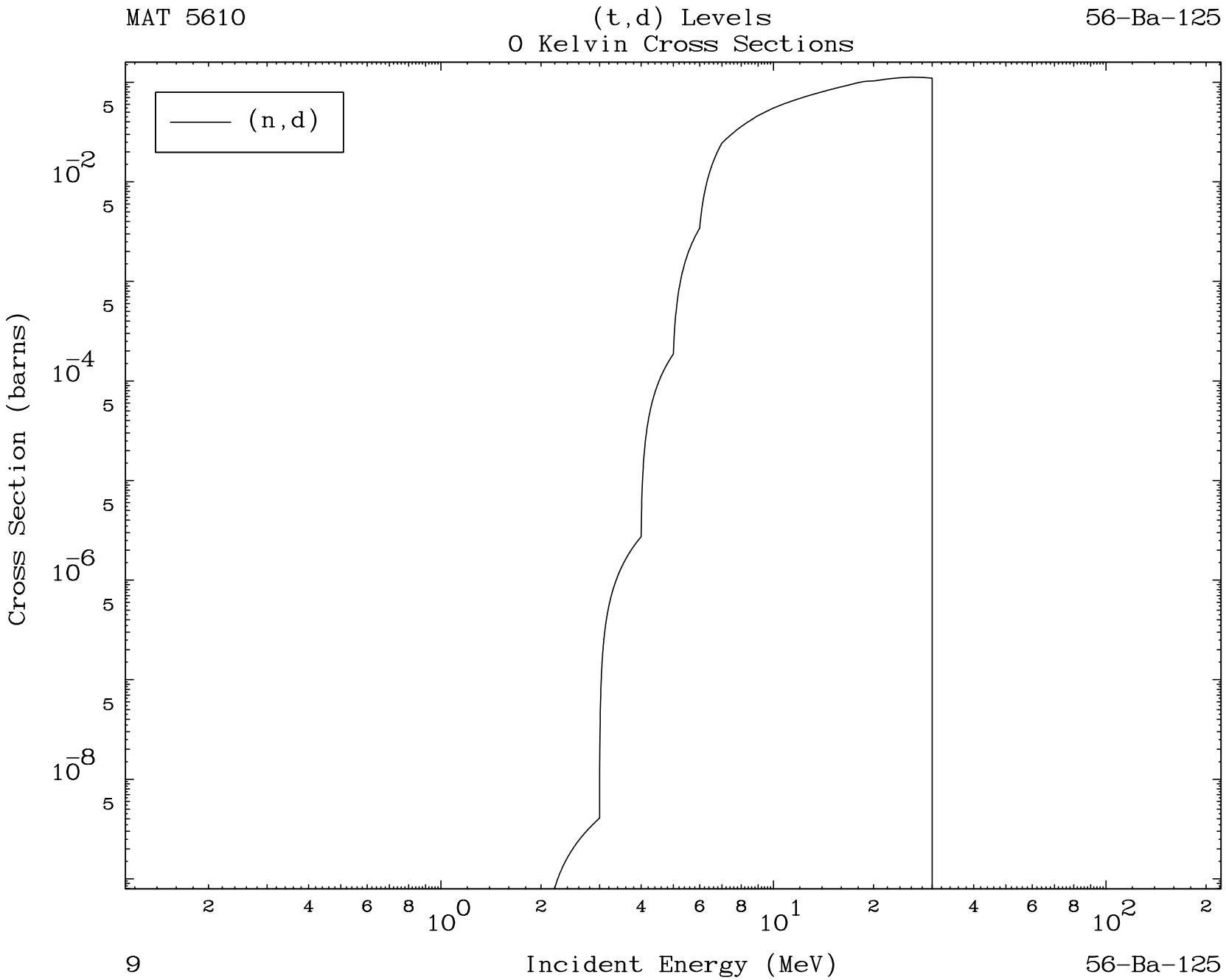

MAT 5610
Triton Neutron Absorption
0 Kelvin Cross Sections
56-Ba-125
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
56-Ba-125

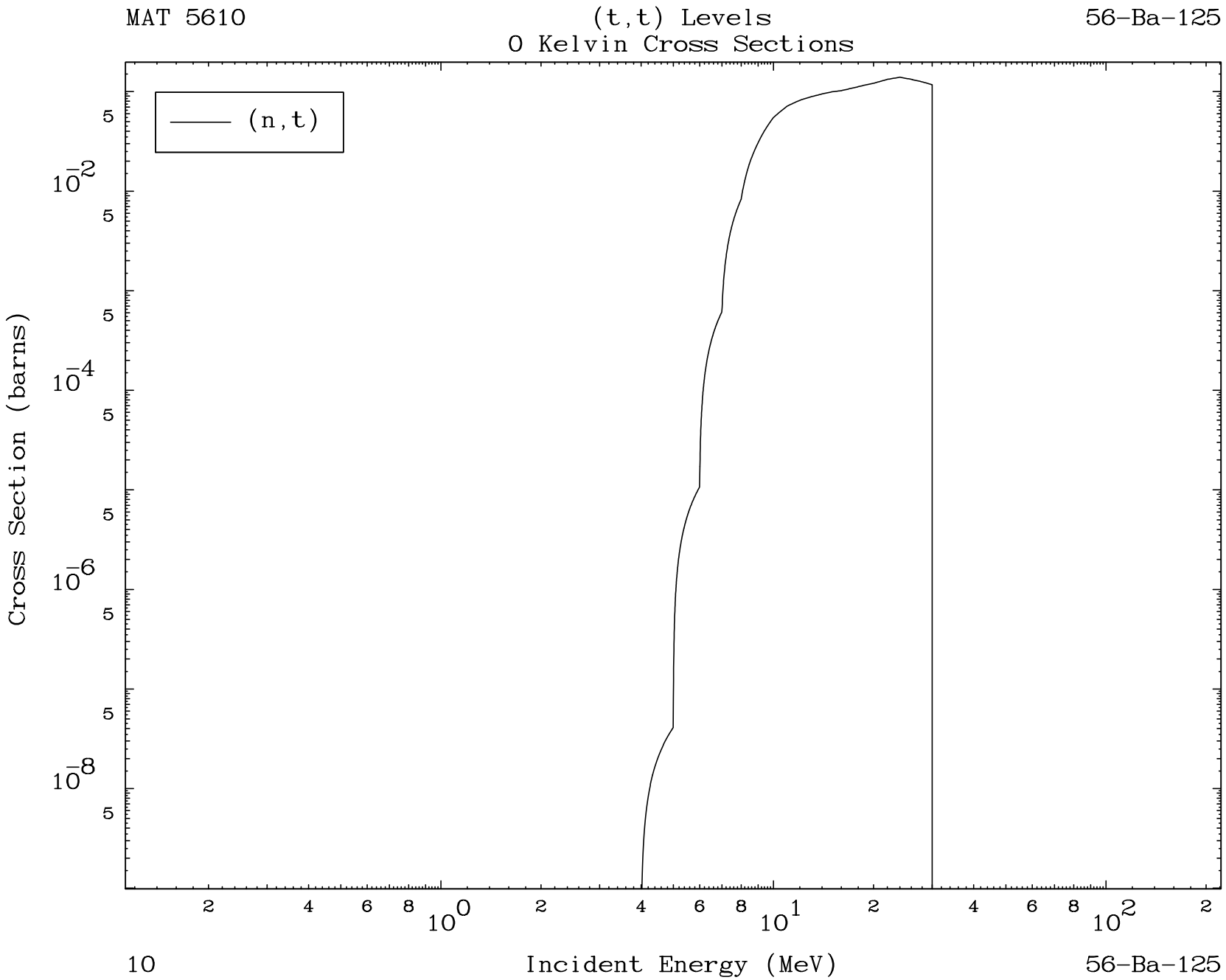

MAT 5610
Triton Charged Particle
0 Kelvin Cross Sections
56-Ba-125
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
56-Ba-125

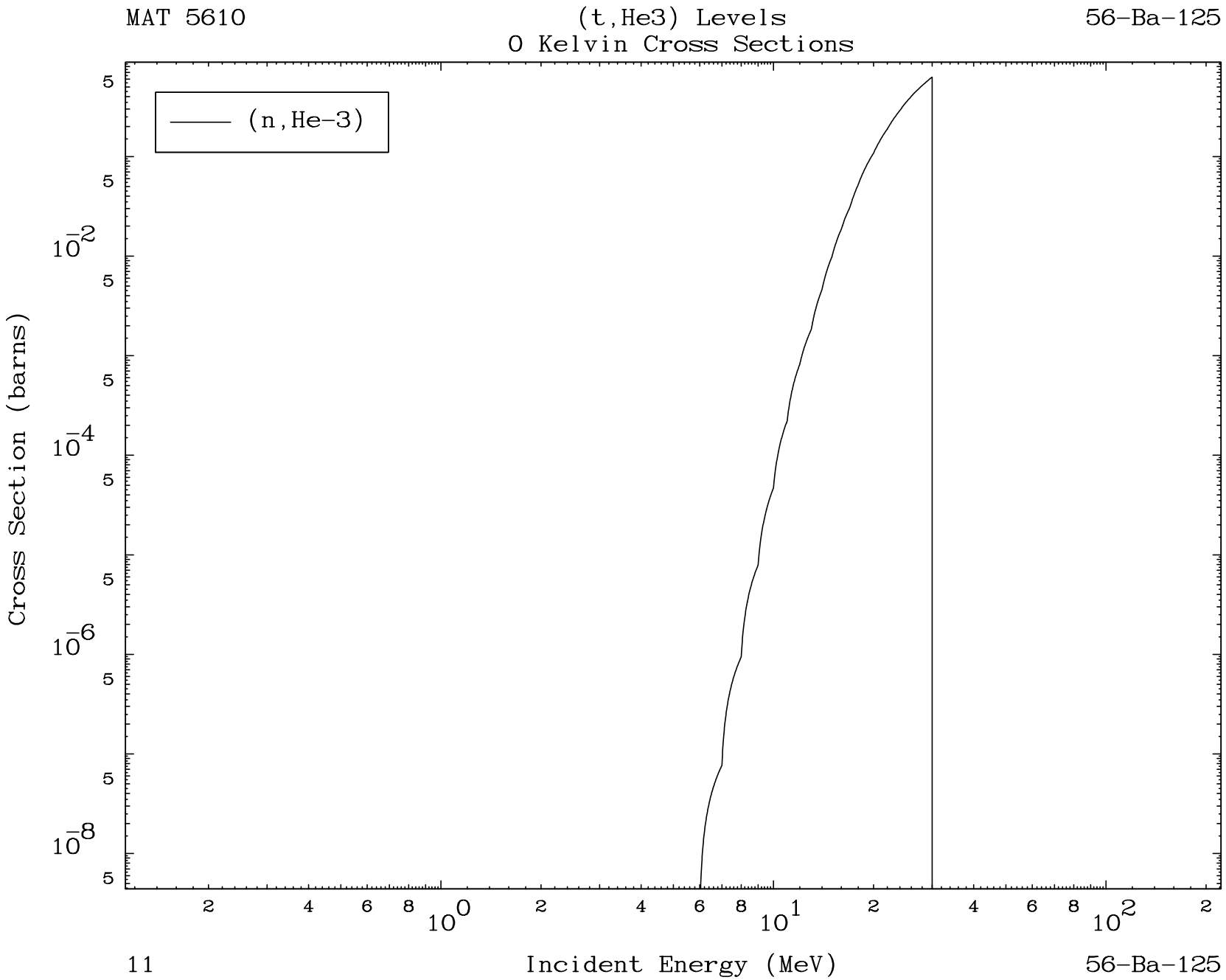

MAT 5610
Triton Charged Particle
0 Kelvin Cross Sections
56-Ba-125
(n,n') α
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
6
56-Ba-125

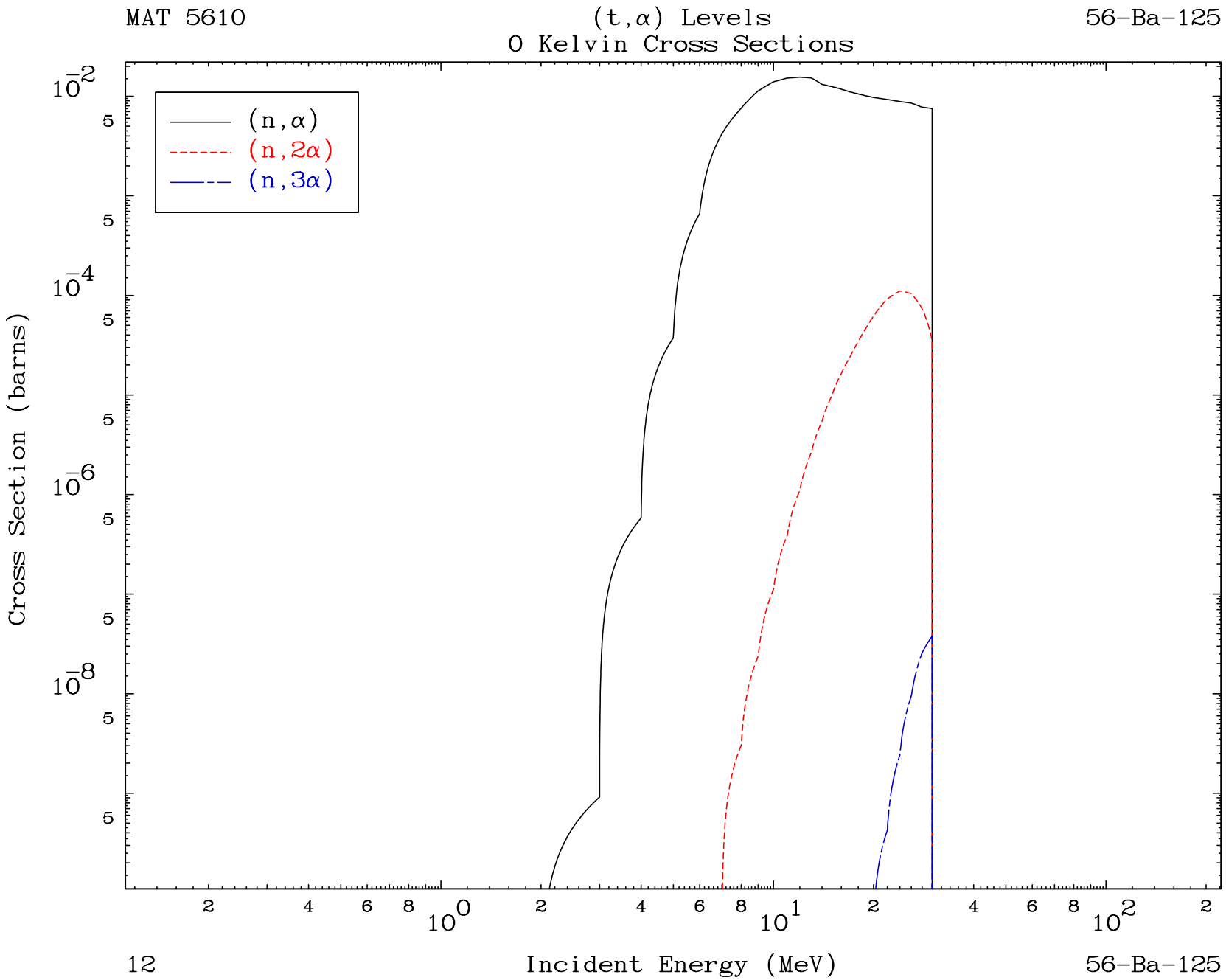

MAT 5610
Triton Charged Particle
0 Kelvin Cross Sections
56-Ba-125
(n,n') α
(n,3α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
56-Ba-125

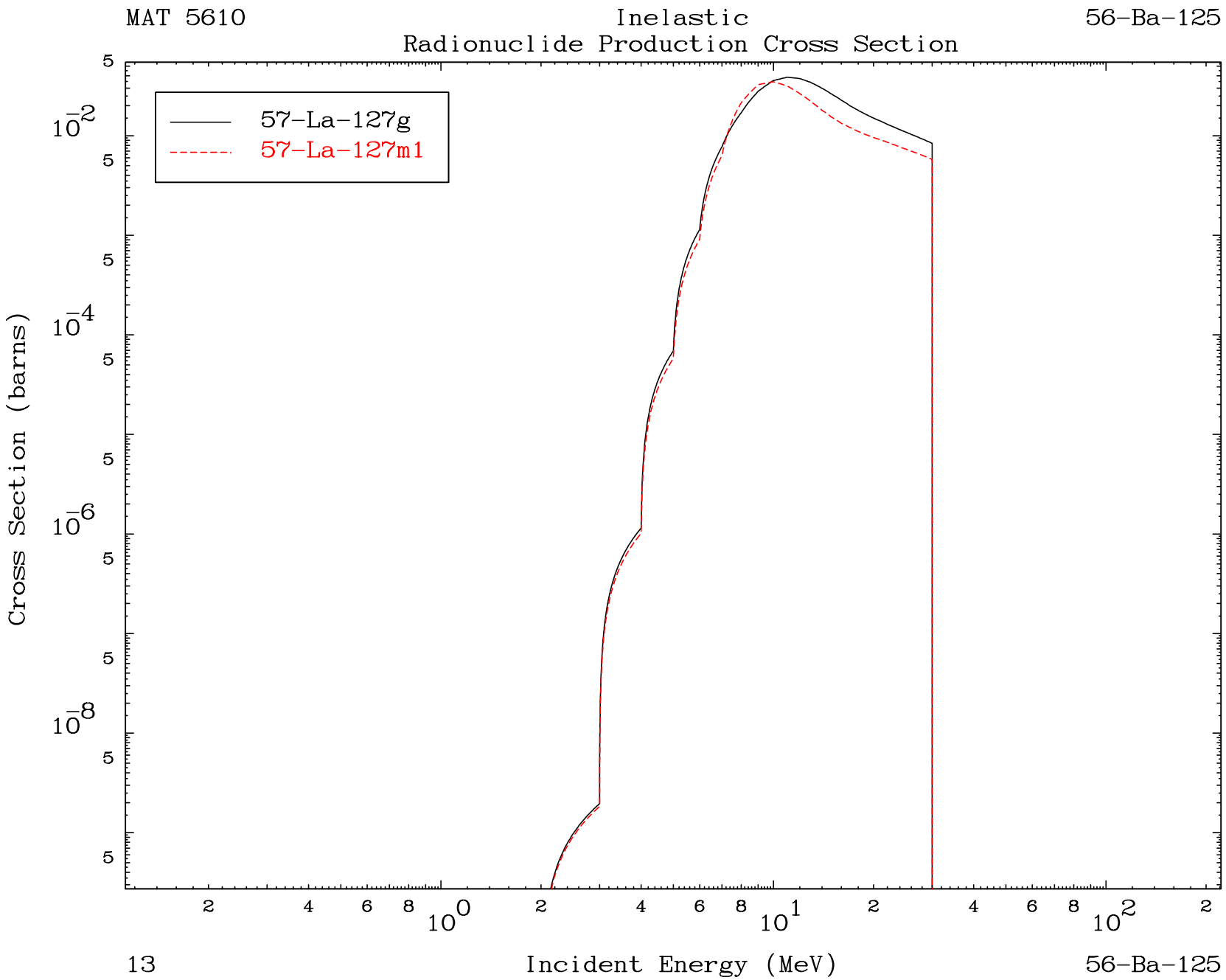

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
5
10-4
5
10-6
5
10-8
5
2 4 6 8 100 2 4 6 8 101 2 4 6 8 102 2
Incident Energy (MeV)

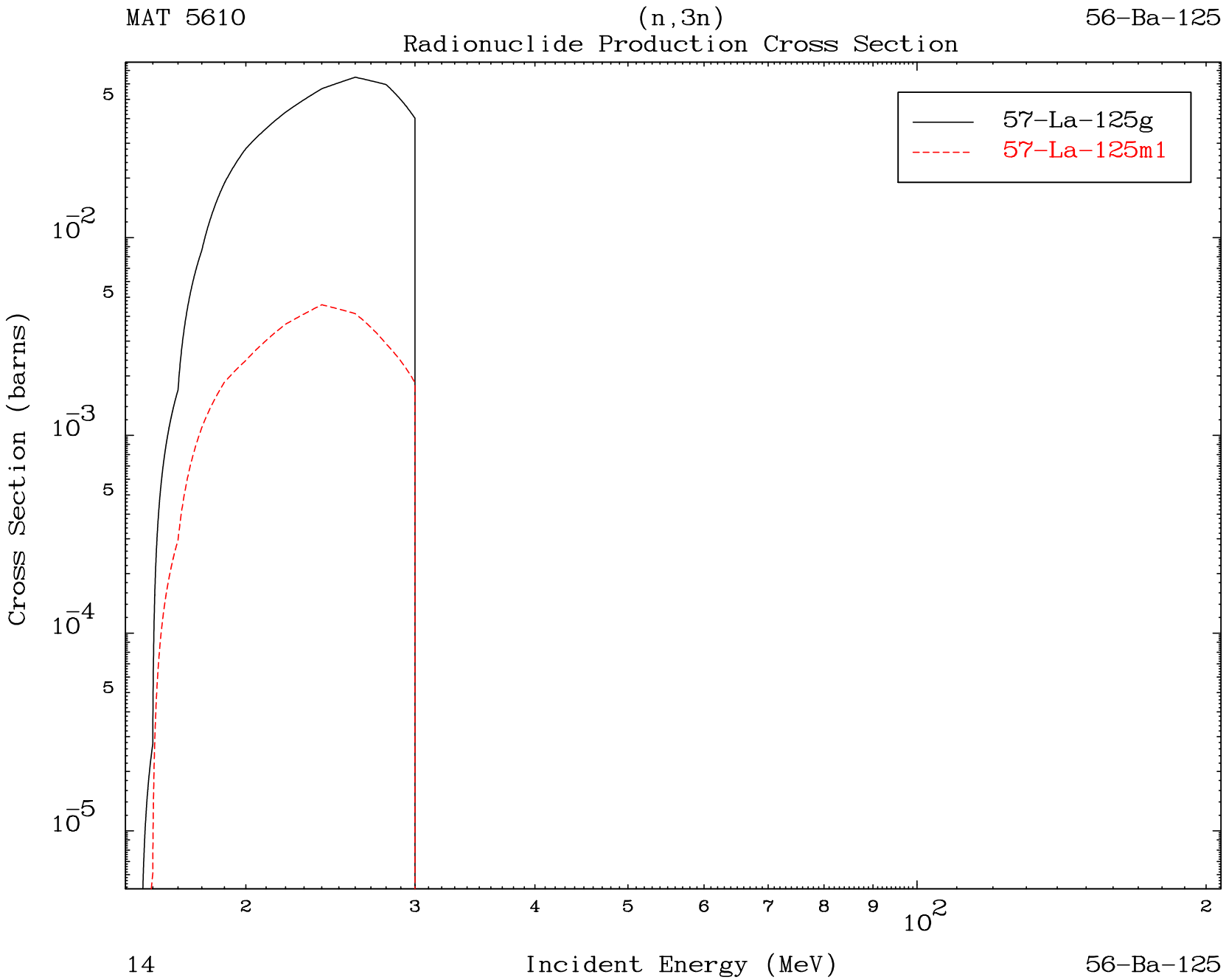

MAT 5610
(t,d) Levels
56-Ba-125
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
56-Ba-125

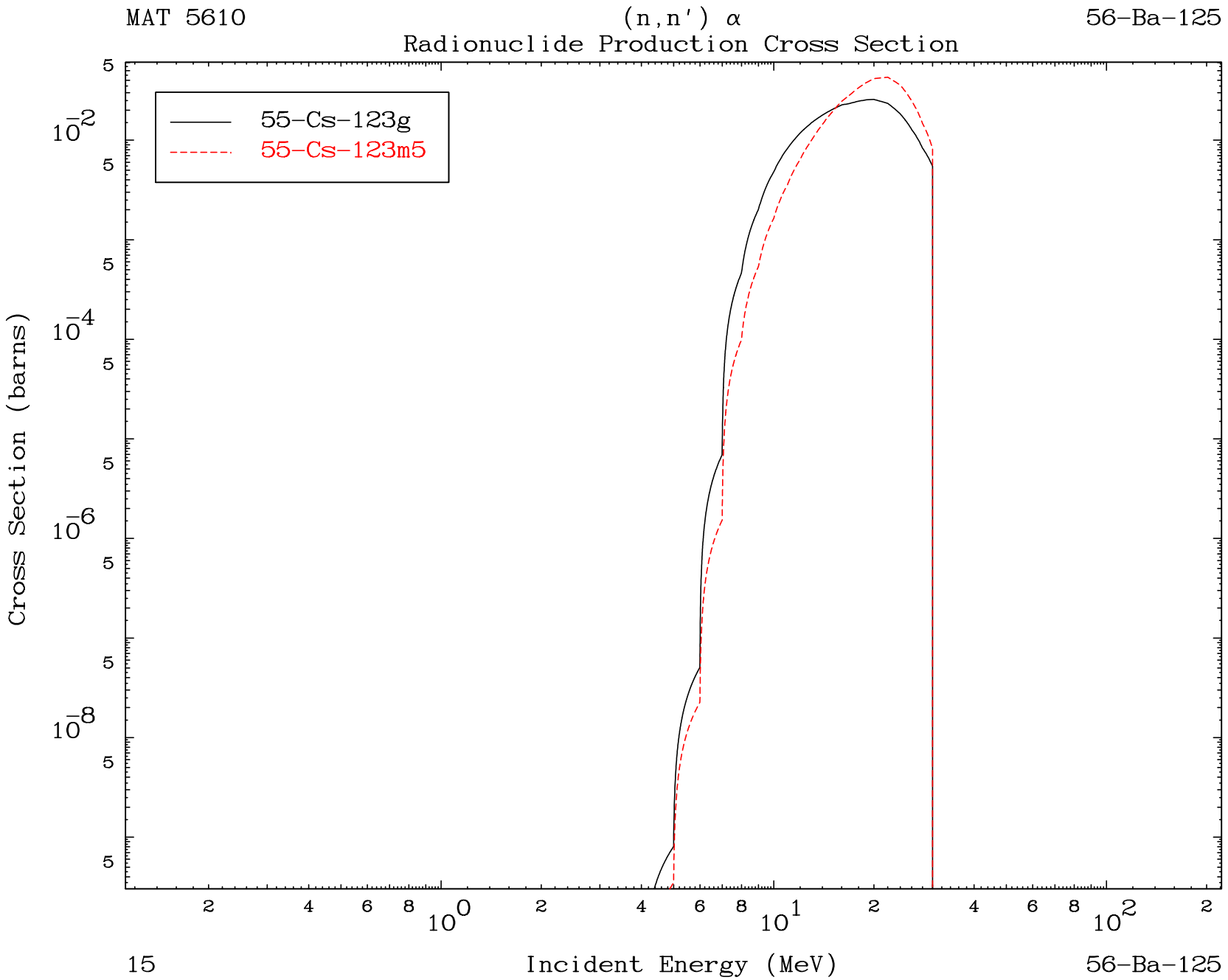

MAT 5610
(t,t) Levels
56-Ba-125
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
56-Ba-125

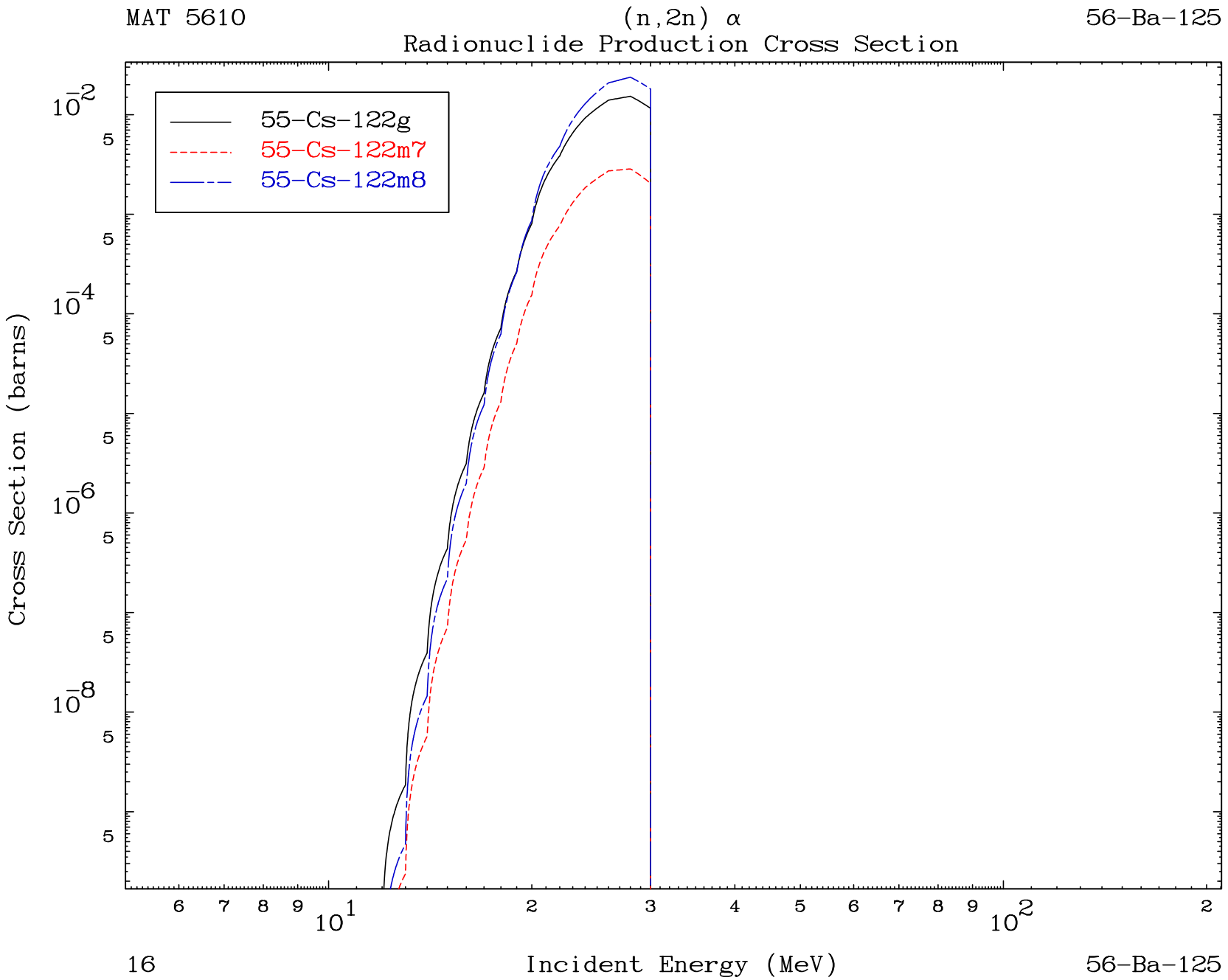

MAT 5610
(t,He3) Levels
56-Ba-125
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
56-Ba-125

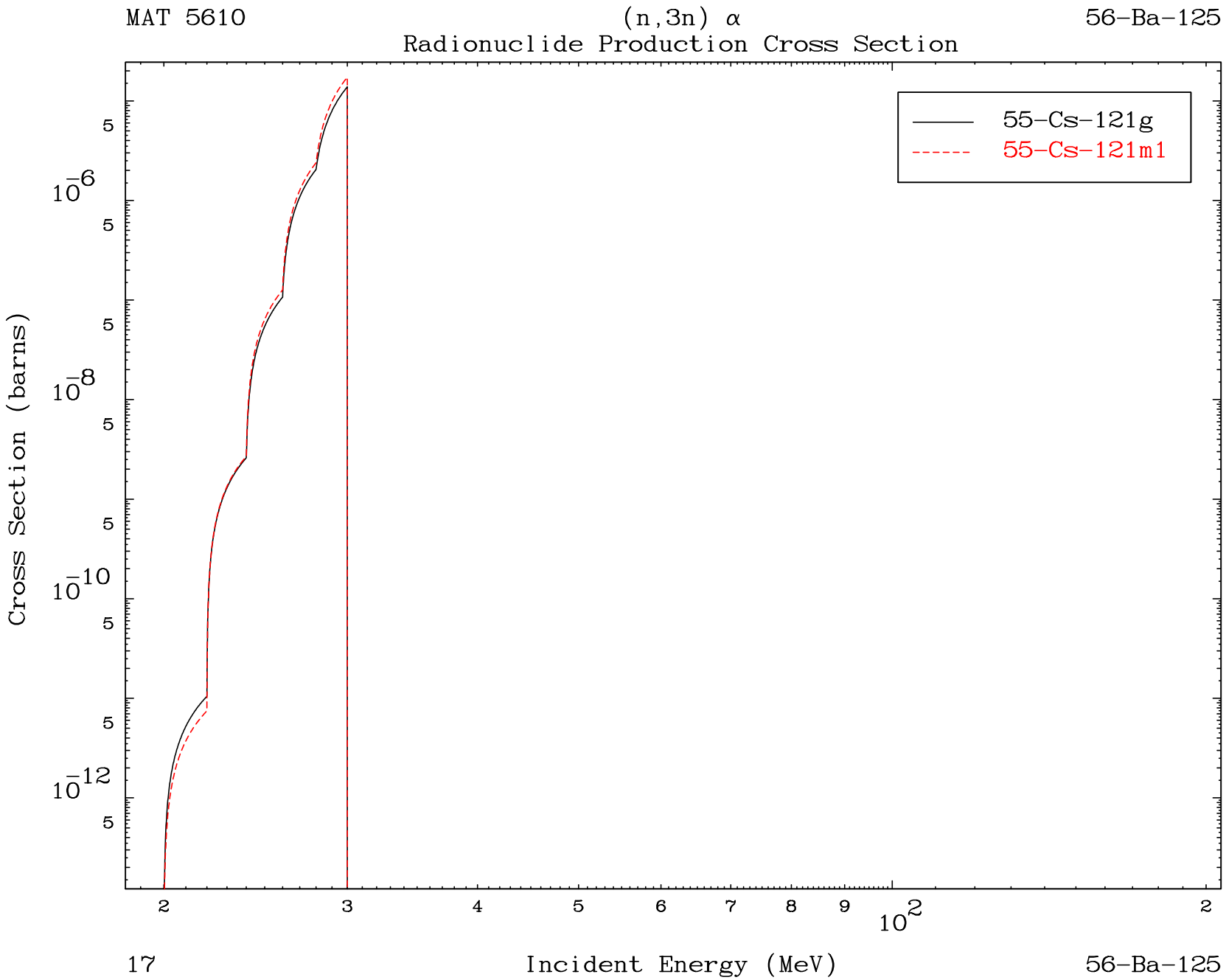

MAT 5610
(t,α) Levels
56-Ba-125
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
12
56-Ba-125

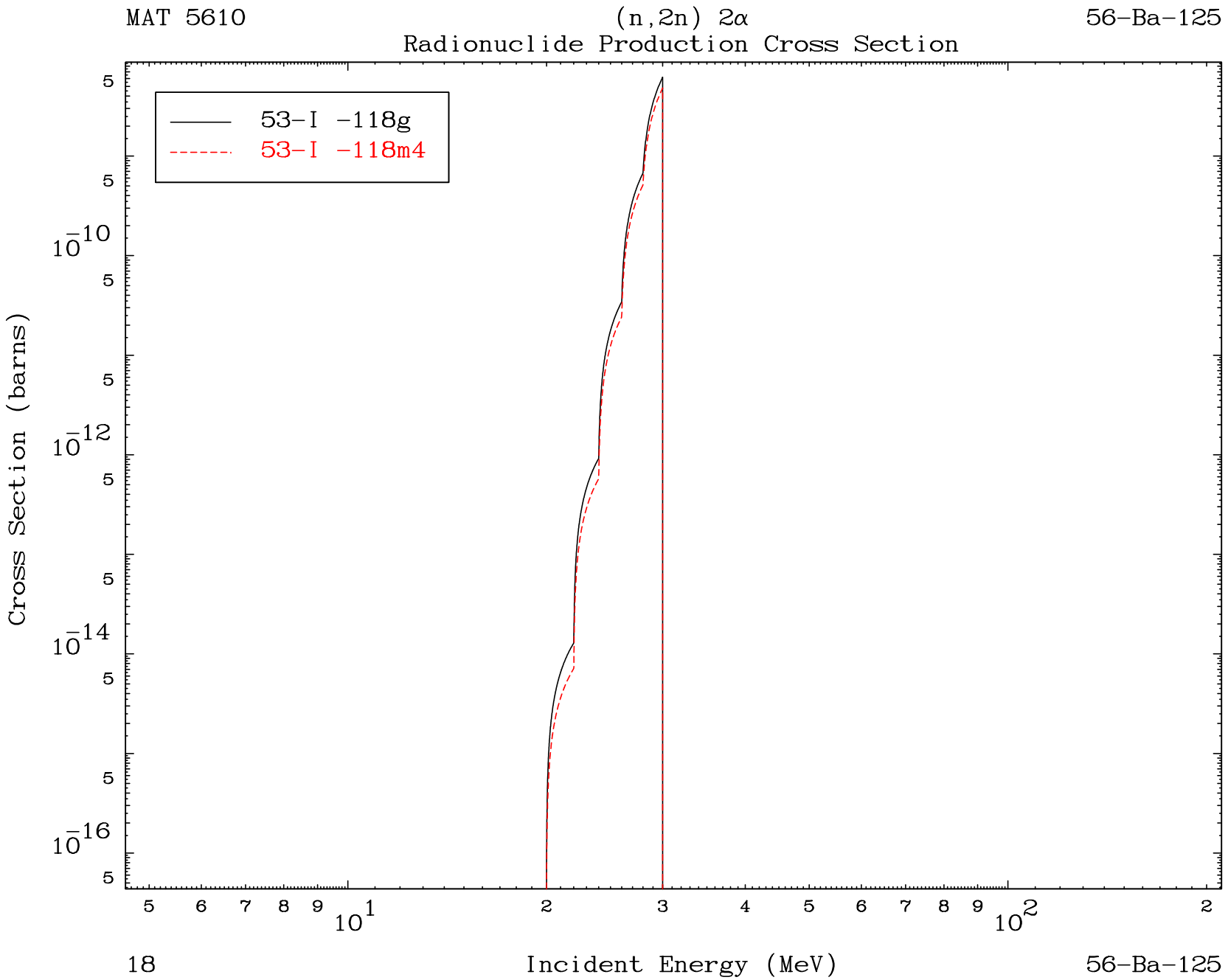

MAT 5610
Inelastic
56-Ba-125
Radionuclide Production Cross Section
57-La-127g
57-La-127m1
Cross Section (barns)
Incident Energy (MeV)
13
56-Ba-125

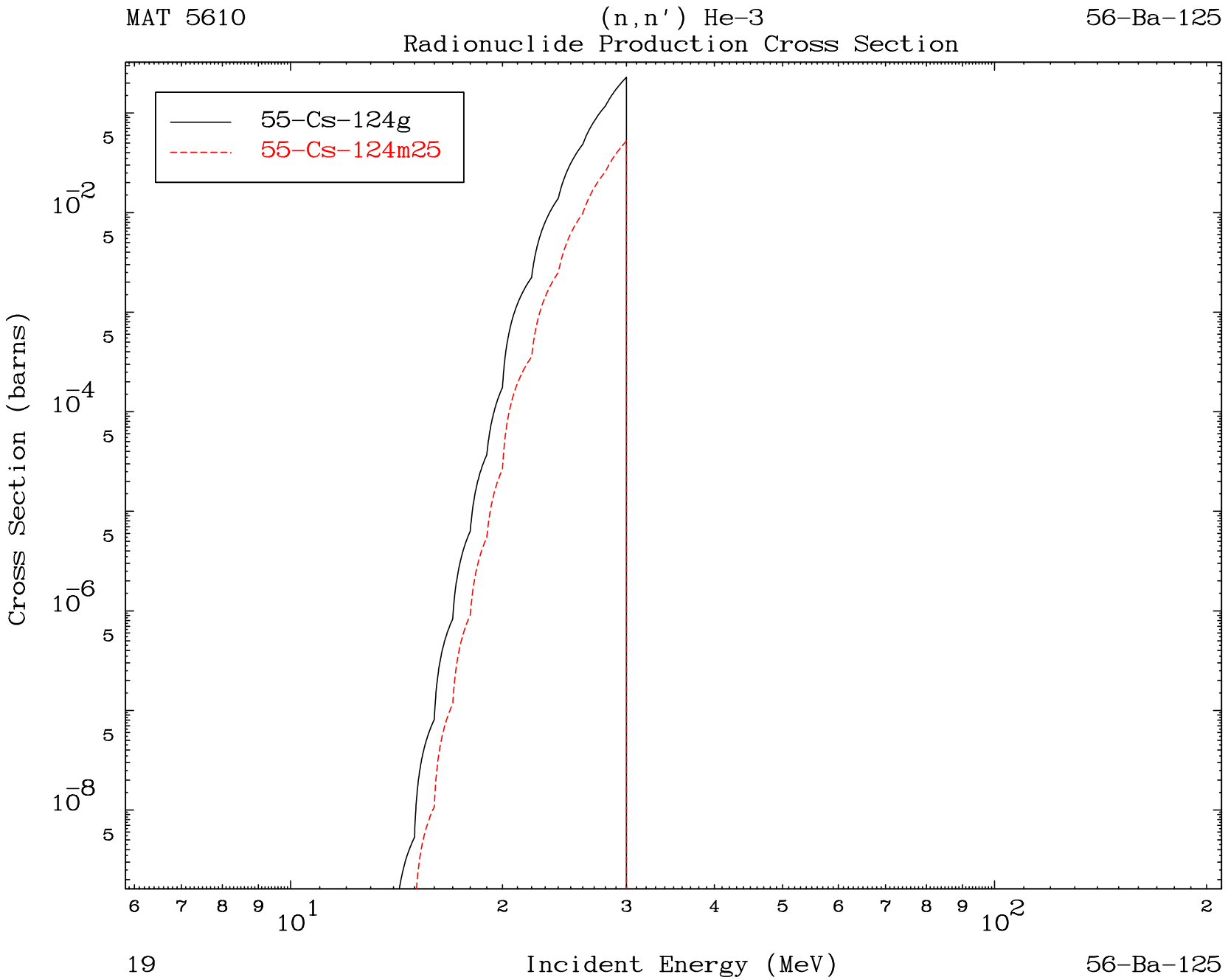

MAT 5610
(n,3n)
56-Ba-125
Radionuclide Production Cross Section
57-La-125g
57-La-125m1
Cross Section (barns)
10-2
10-3
10-4
10-5
5
2
3
4
6
7
8
9
10 2
Incident Energy (MeV)
14
56-Ba-125

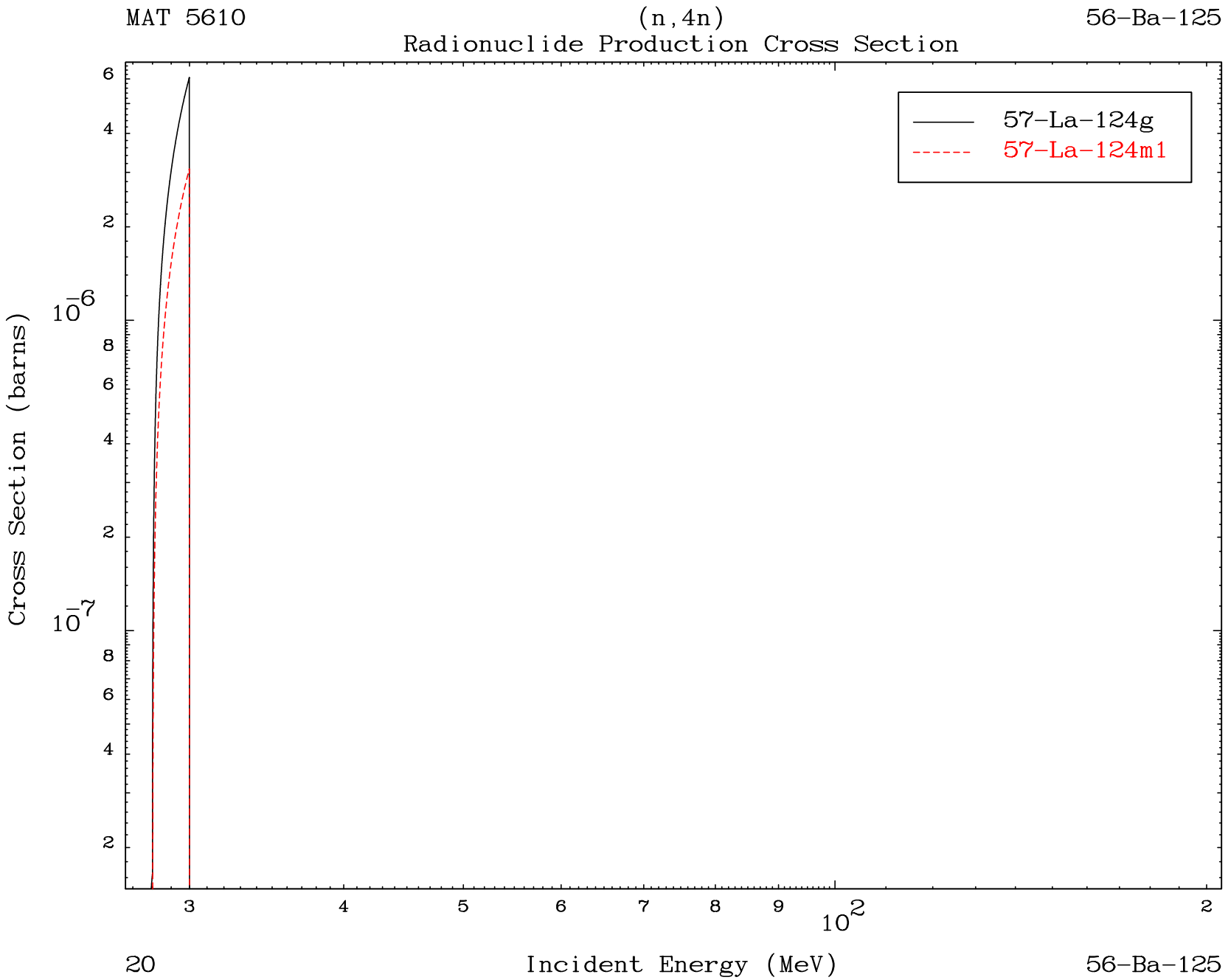

MAT 5610
(n,n') α
56-Ba-125
Radionuclide Production Cross Section
55-Cs-123g
55-Cs-123m5
Cross Section (barns)
Incident Energy (MeV)
15
56-Ba-125

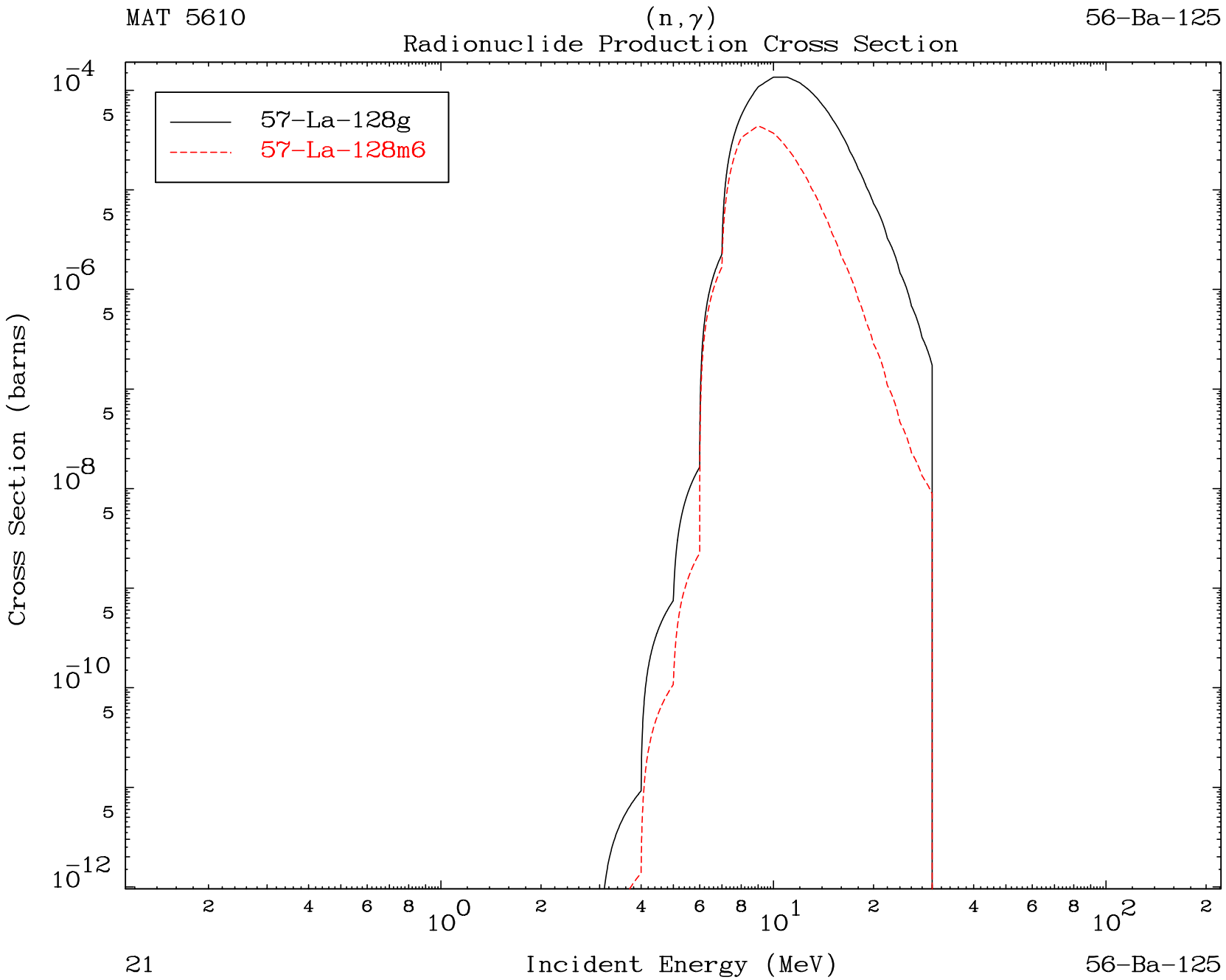

MAT 5610
(n,2n) α
56-Ba-125
Radionuclide Production Cross Section
55-Cs-122g
55-Cs-122m7
55-Cs-122m8
Cross Section (barns)
Incident Energy (MeV)
16
56-Ba-125

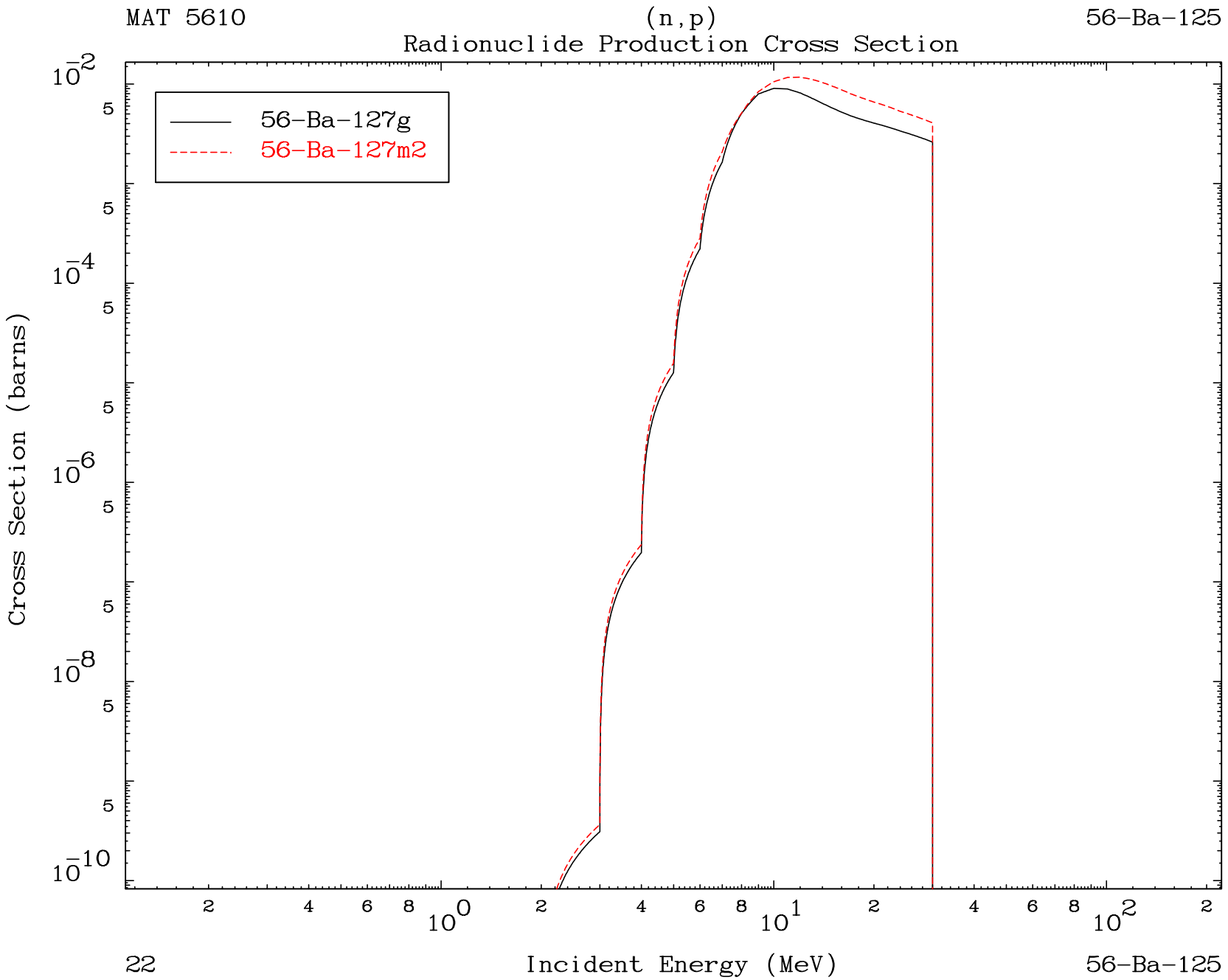

MAT 5610
(n,3n) α
56-Ba-125
Radionuclide Production Cross Section
55-Cs-121g
55-Cs-121m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
17
Incident Energy (MeV)
56-Ba-125

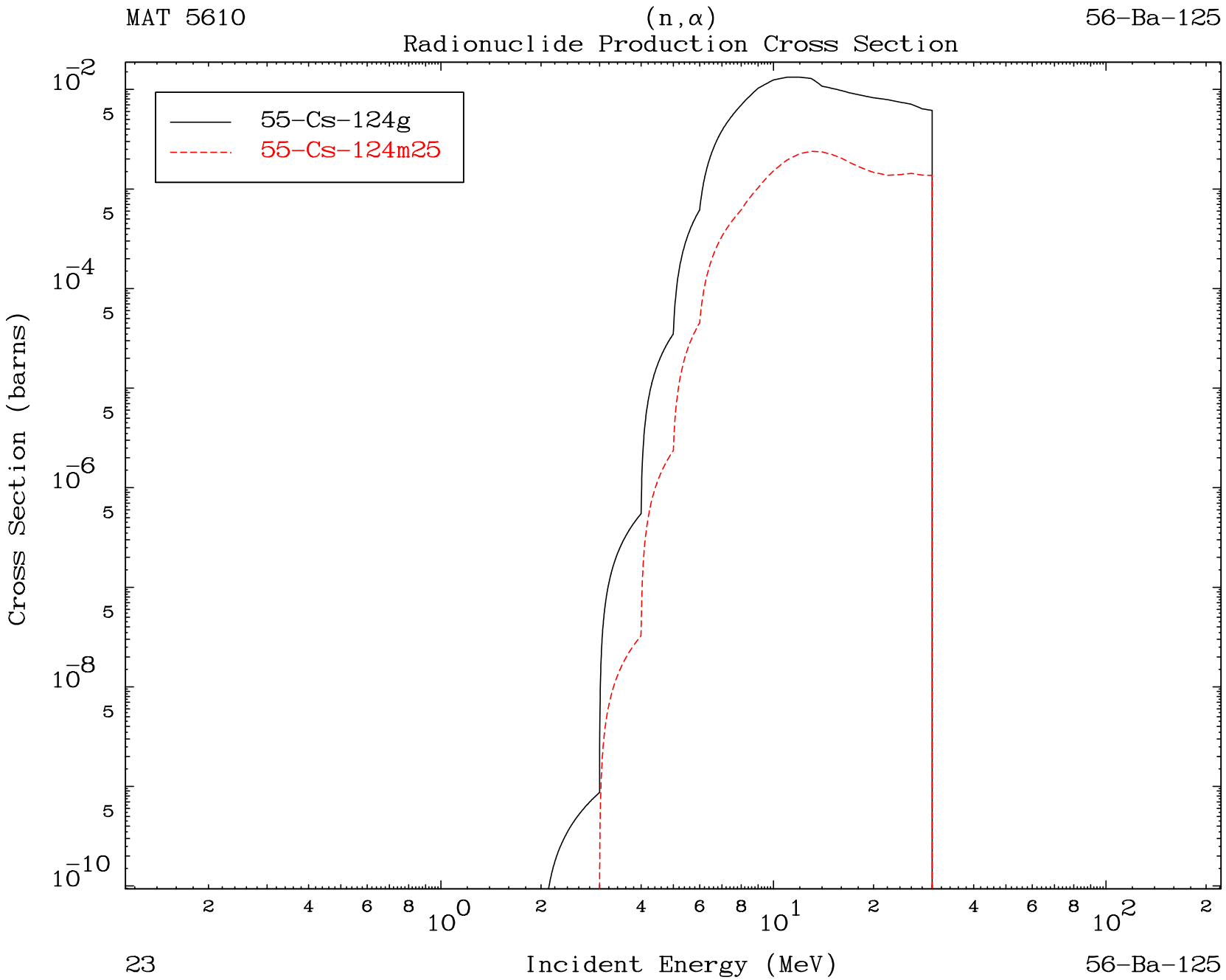

MAT 5610
(n,2n) 2α
56-Ba-125
Radionuclide Production Cross Section
53-I -118g
53-I -118m4
Cross Section (barns)
Incident Energy (MeV)
18
56-Ba-125

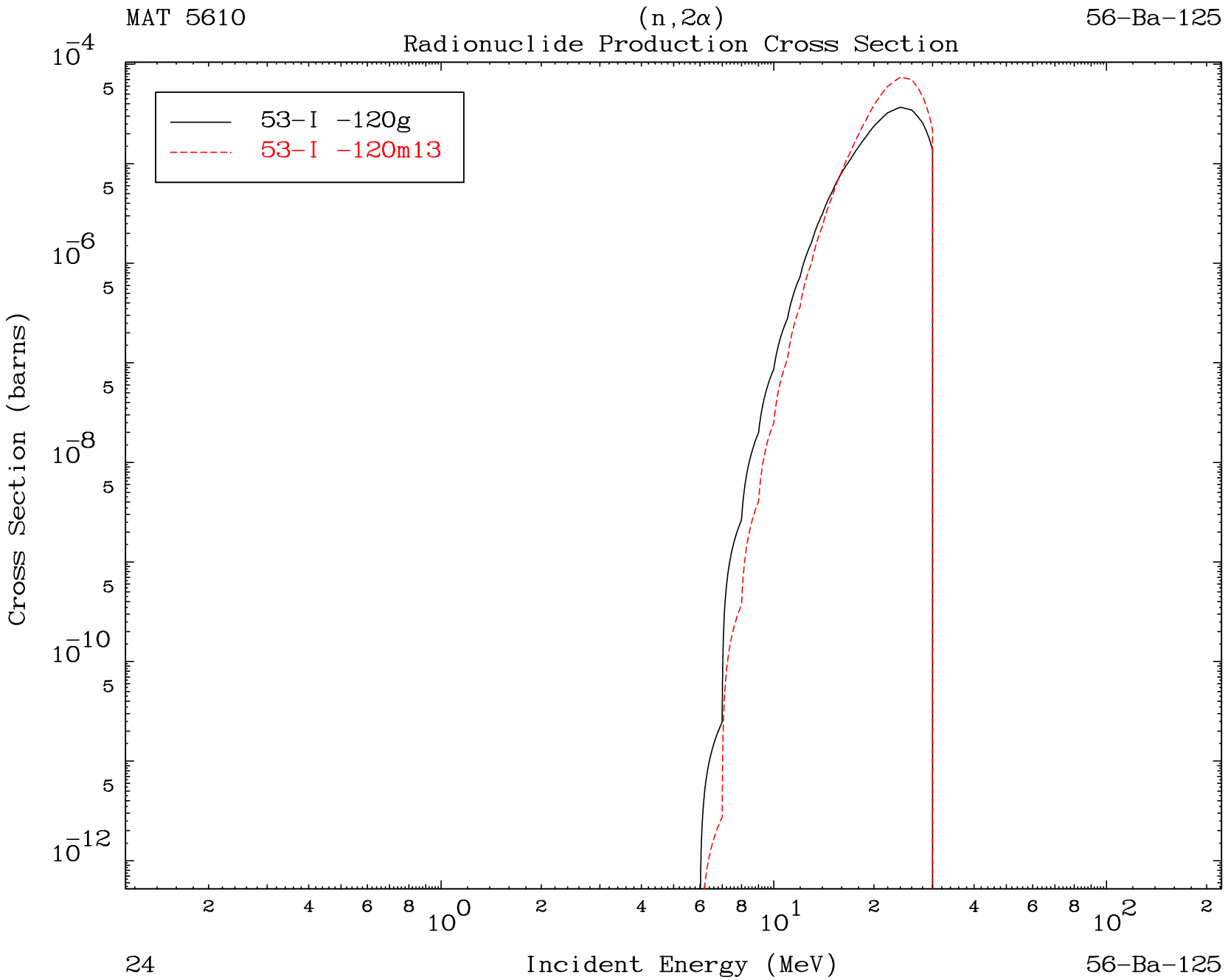

MAT 5610
(n,n') He-3
56-Ba-125
Radionuclide Production Cross Section
55-Cs-124g
55-Cs-124m25
Cross Section (barns)
10-2
10-4
10-6
10-8
5
6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
19
Incident Energy (MeV)
56-Ba-125

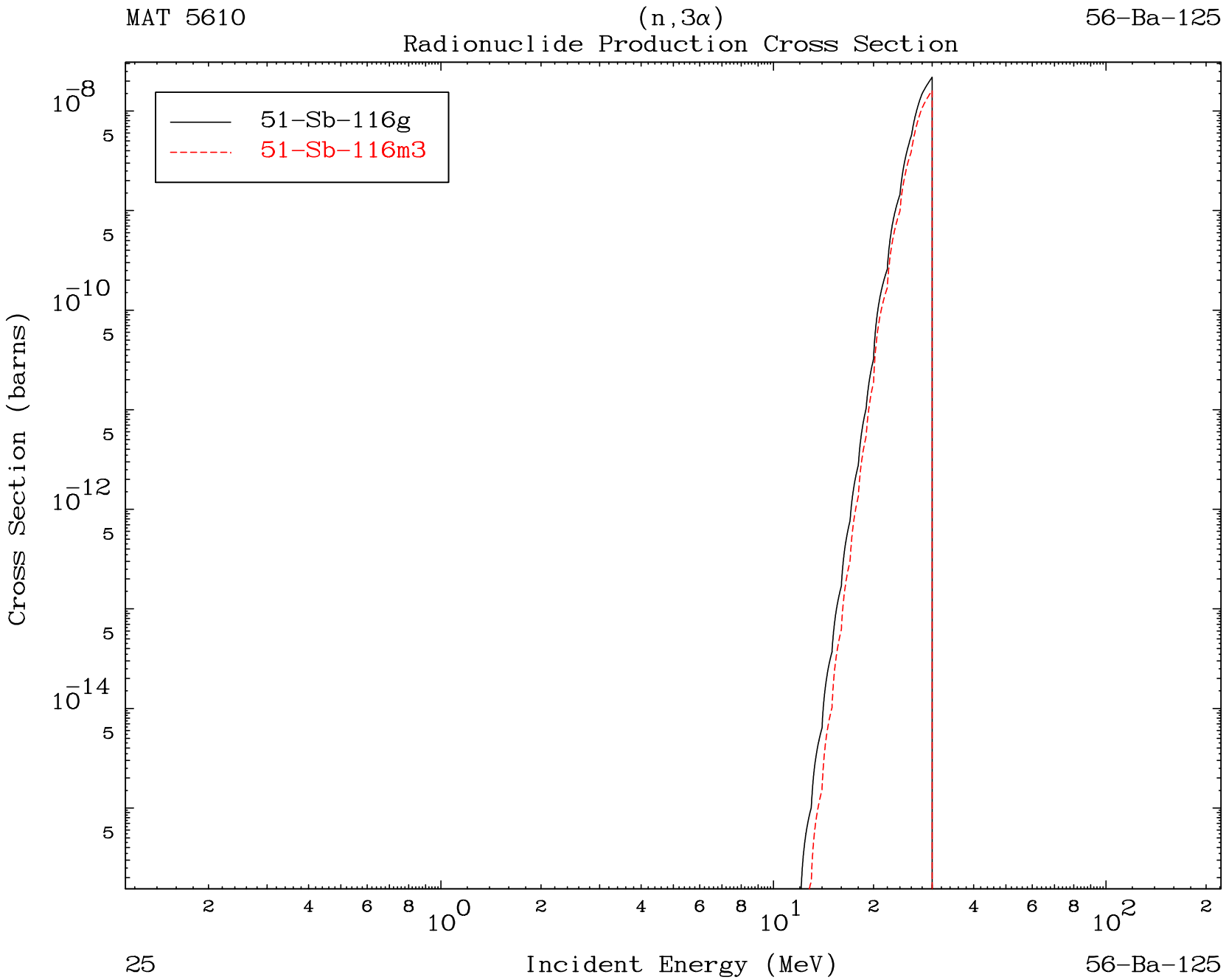

MAT 5610
(n,4n)
56-Ba-125
Radionuclide Production Cross Section
57-La-124g
57-La-124m1
Cross Section (barns)
10-6
10-7
6
4
2
8
6
4
2
8
6
4
2
3
4
5
6
7
8
9
10 2
2
20
Incident Energy (MeV)
56-Ba-125

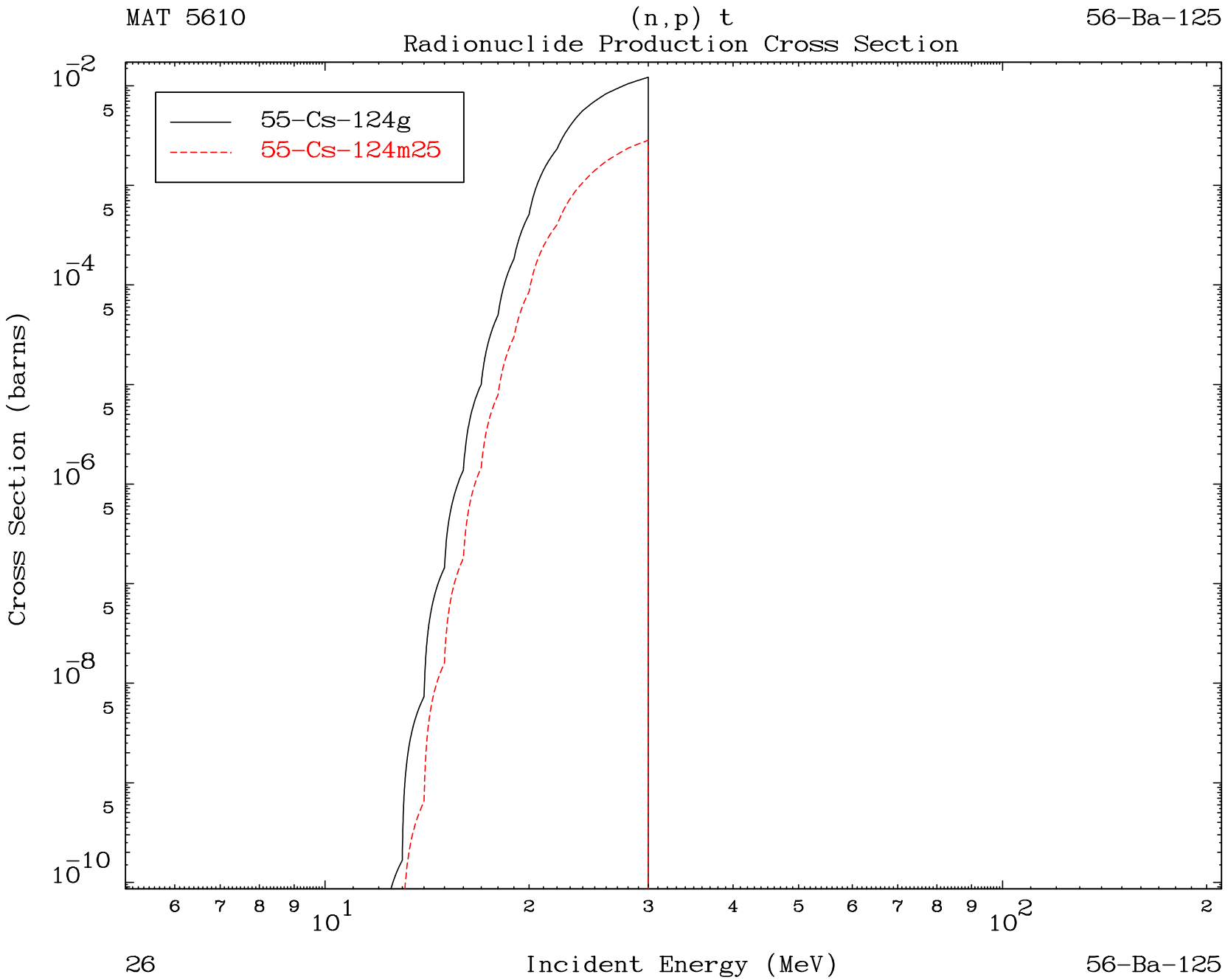

MAT 5610
(n,γ)
56-Ba-125
Radionuclide Production Cross Section
57-La-128g
57-La-128m6
Cross Section (barns)
Incident Energy (MeV)
21
56-Ba-125


MAT 5610
(n,p)
56-Ba-125
Radionuclide Production Cross Section
56-Ba-127g
56-Ba-127m2
Cross Section (barns)
Incident Energy (MeV)
22
56-Ba-125


MAT 5610
(n,α)
56-Ba-125
Radionuclide Production Cross Section
55-Cs-124g
55-Cs-124m25
Cross Section (barns)
Incident Energy (MeV)
23
56-Ba-125


MAT 5610
(n,2α)
56-Ba-125
Radionuclide Production Cross Section
53-I -120g
53-I -120m13
Cross Section (barns)
Incident Energy (MeV)
24
56-Ba-125


MAT 5610
(n,3α)
56-Ba-125
Radionuclide Production Cross Section
51-Sb-116g
51-Sb-116m3
Cross Section (barns)
Incident Energy (MeV)
25
56-Ba-125


MAT 5610
(n,p) t
56-Ba-125
Radionuclide Production Cross Section
55-Cs-124g
55-Cs-124m25
Cross Section (barns)
Incident Energy (MeV)
26
56-Ba-125