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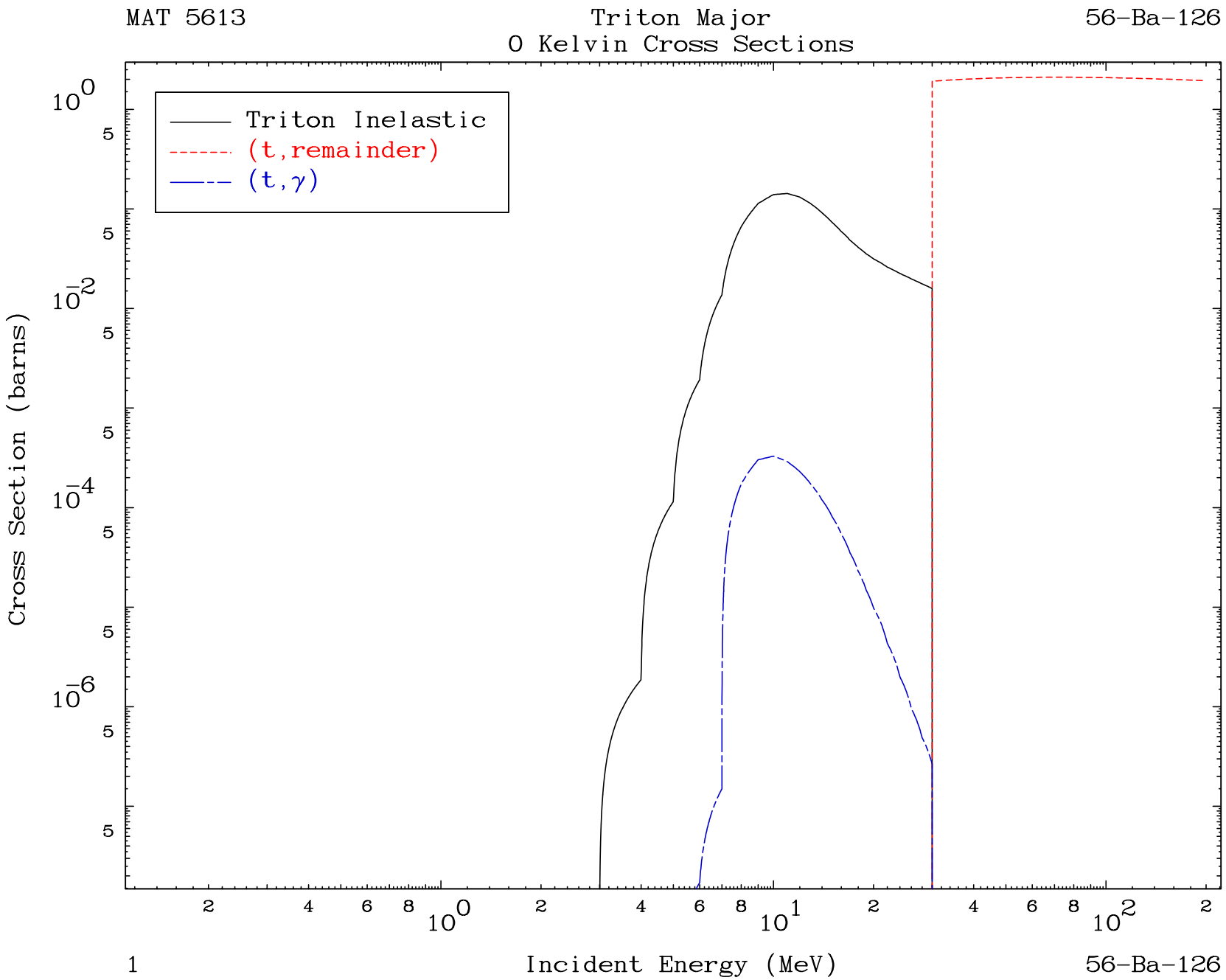
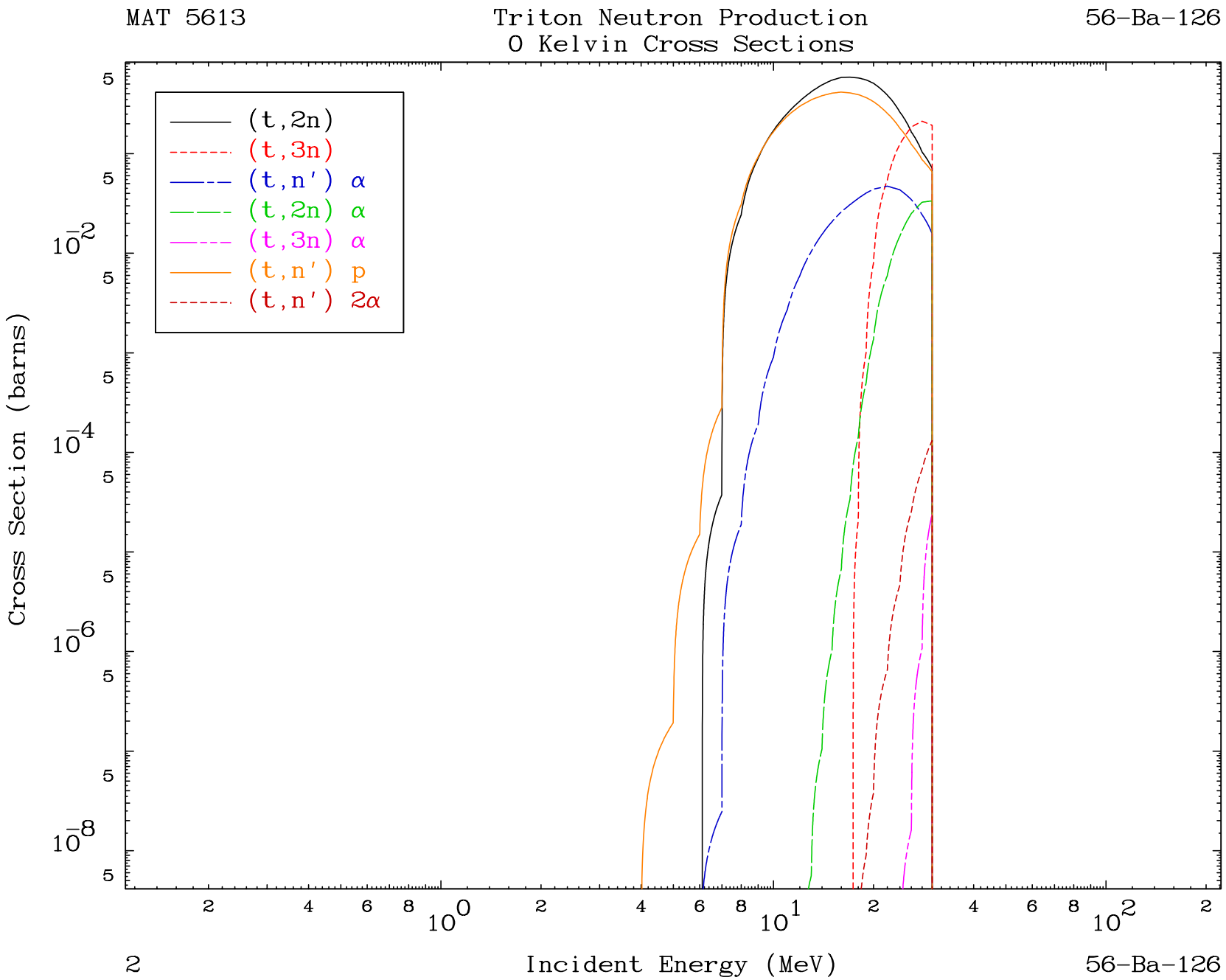
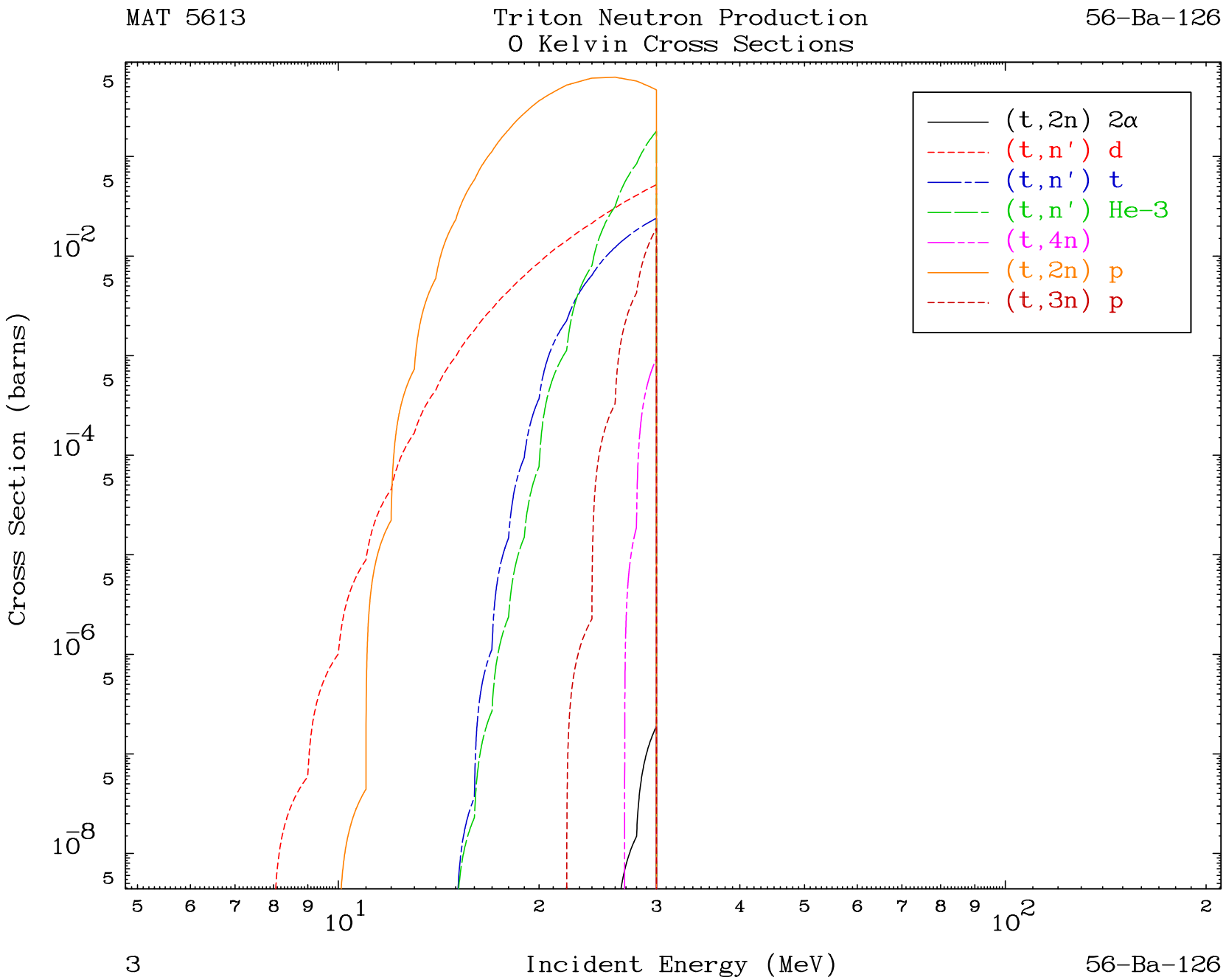
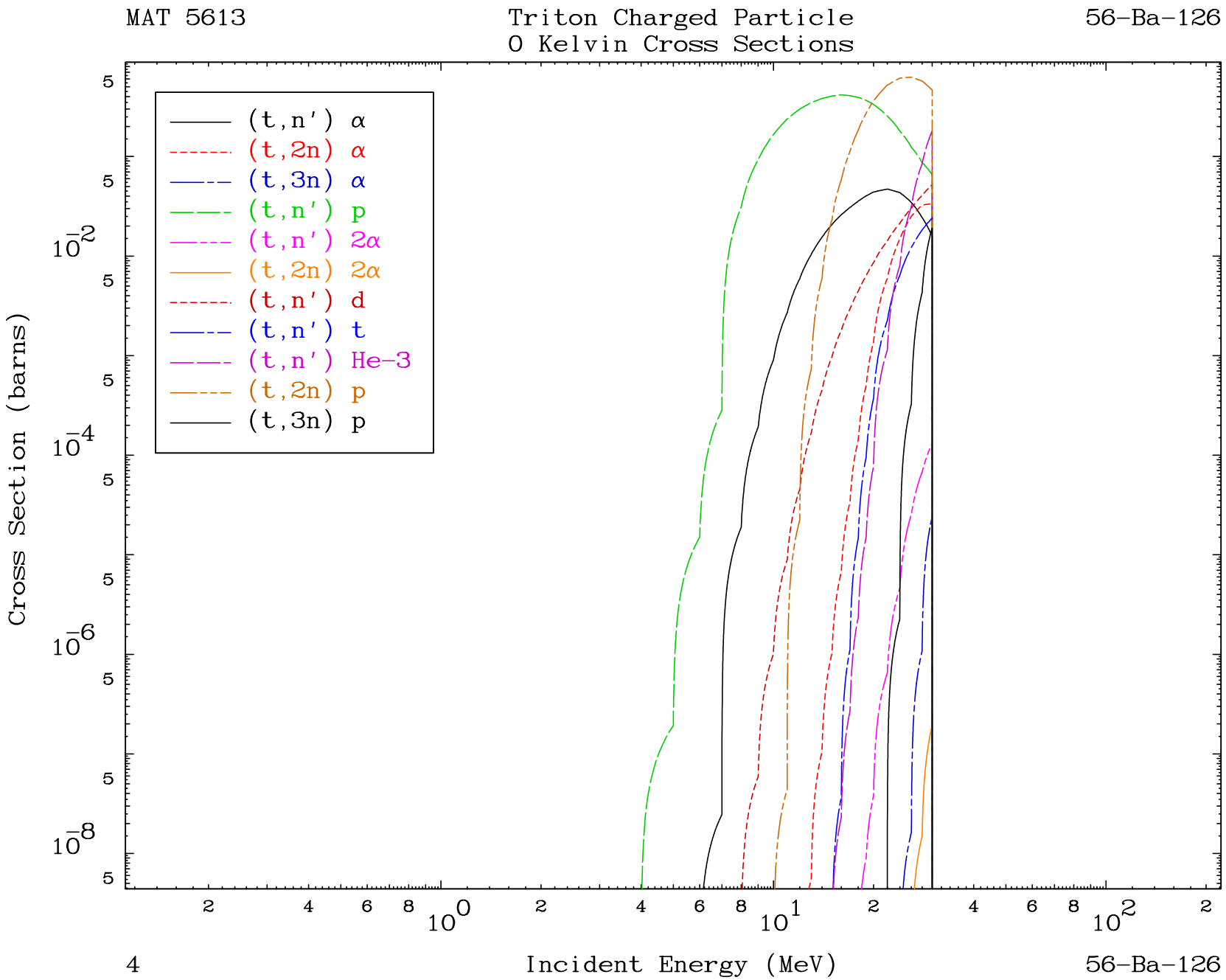
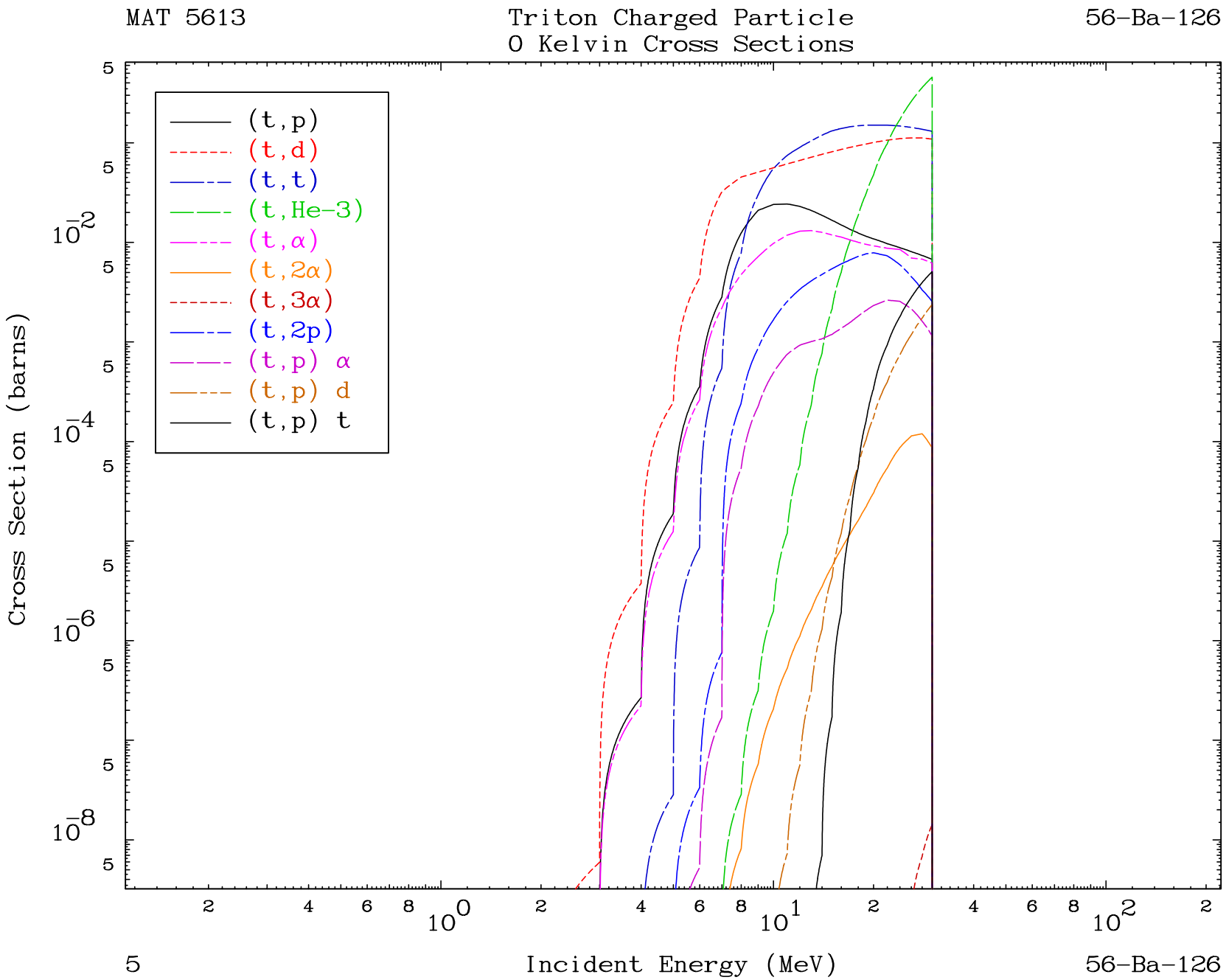
Press Mouse Button to Start


MAT 5613
Triton Major
56-Ba-126
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
56-Ba-126
1

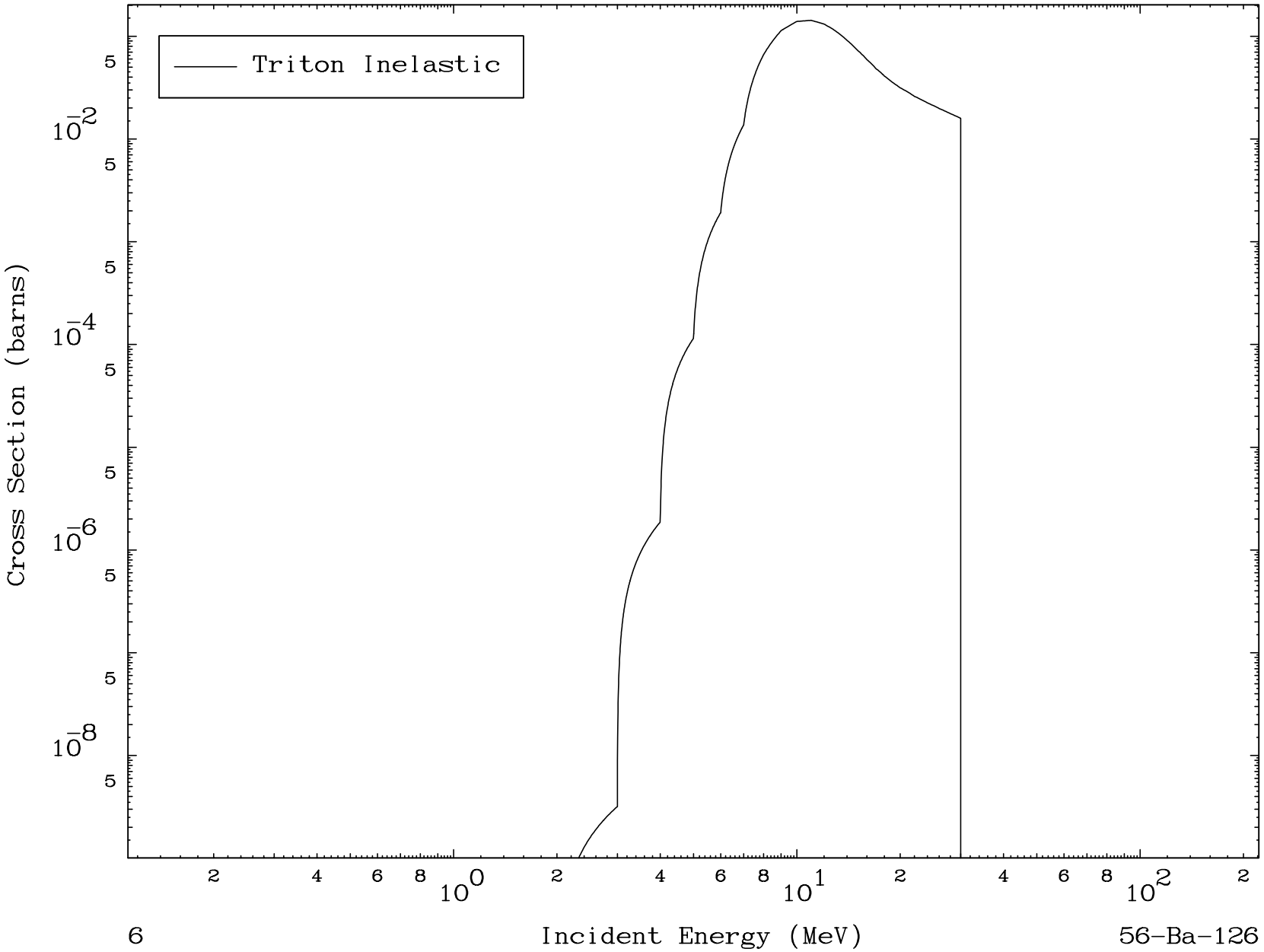

MAT 5613
Triton Neutron Production
0 Kelvin Cross Sections
56-Ba-126
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
Cross Section (barns)
Incident Energy (MeV)
56-Ba-126
2

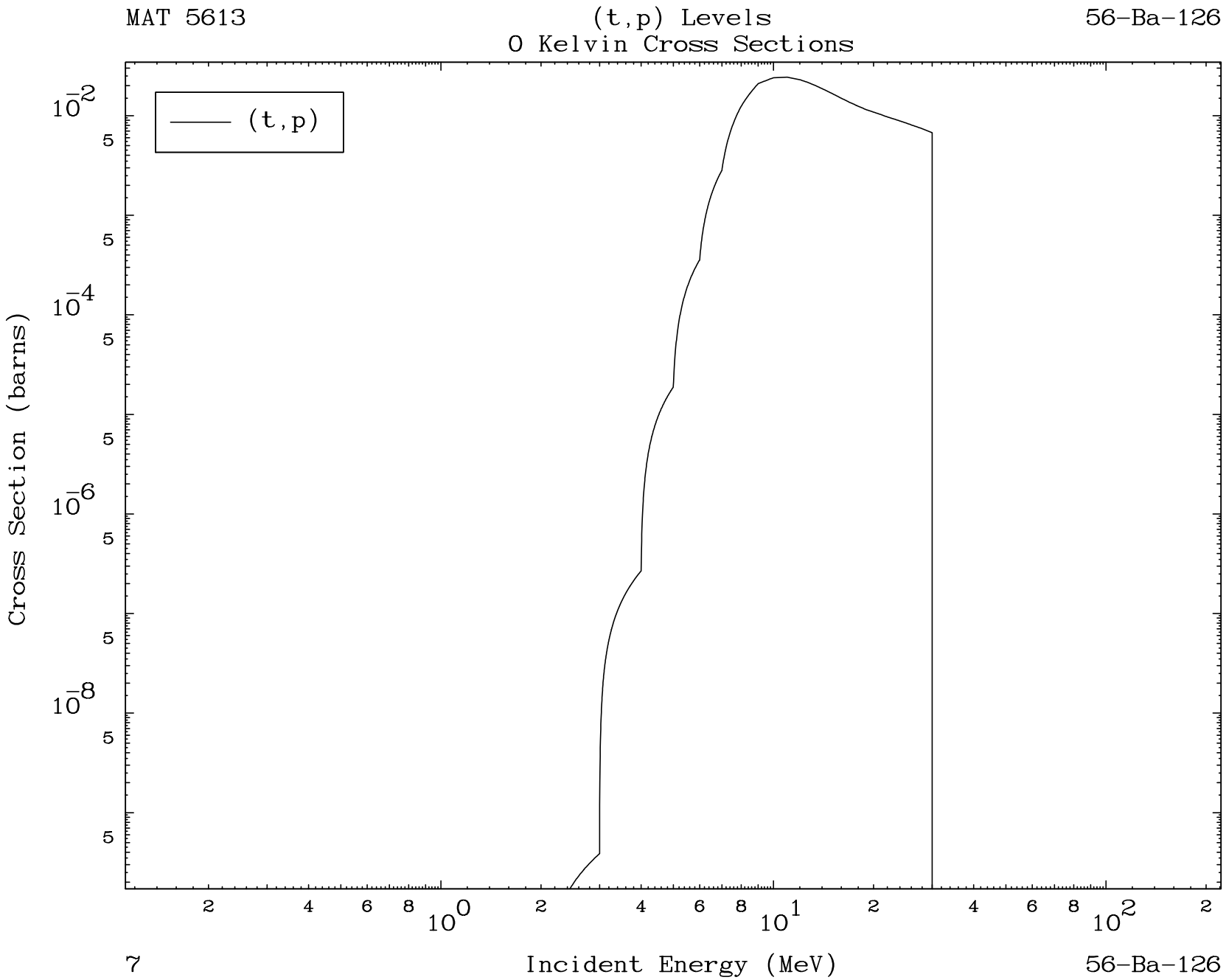

MAT 5613
Triton Neutron Production
0 Kelvin Cross Sections
56-Ba-126
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
56-Ba-126

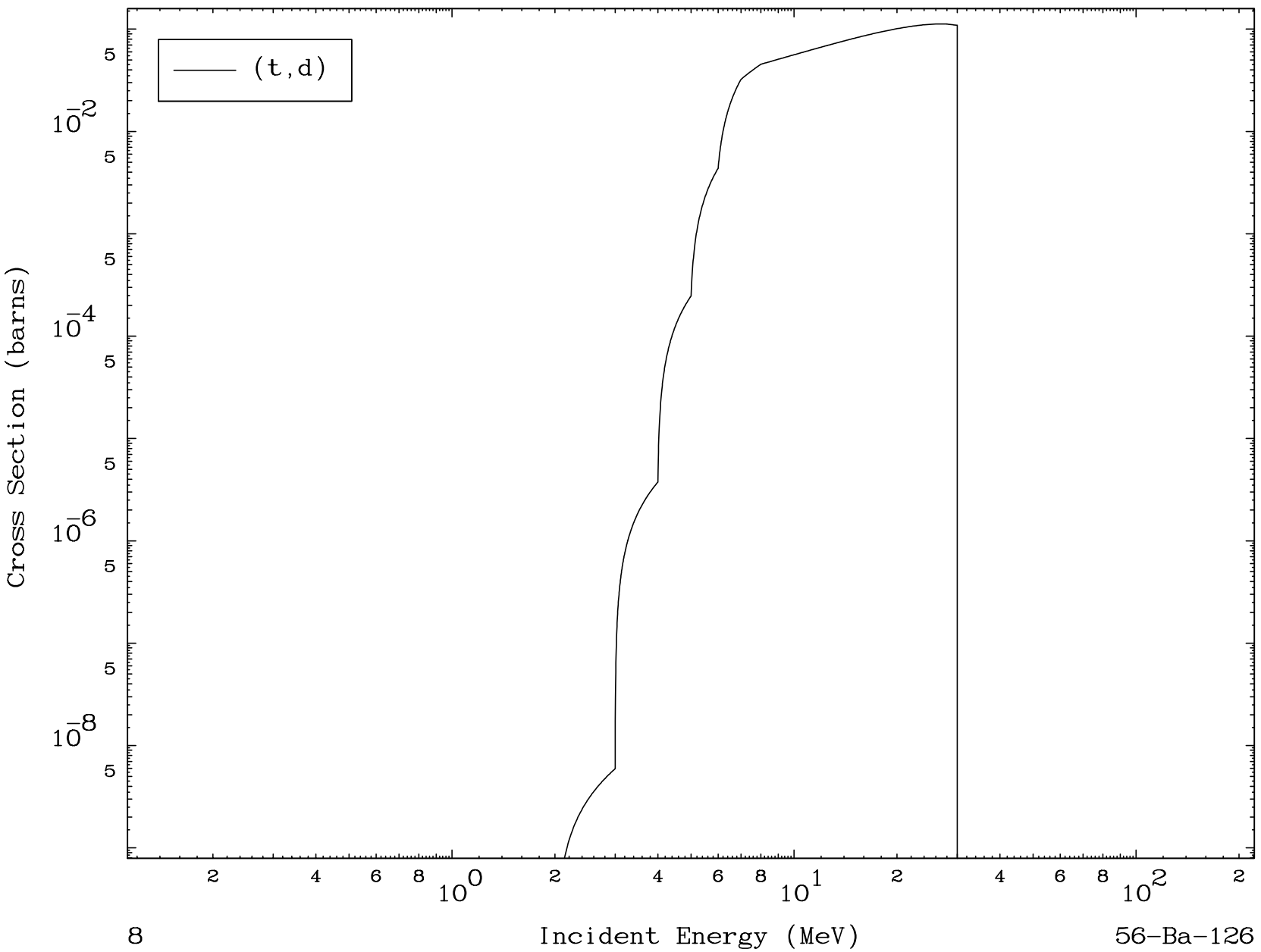

MAT 5613
Triton Charged Particle
0 Kelvin Cross Sections
56-Ba-126
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
56-Ba-126

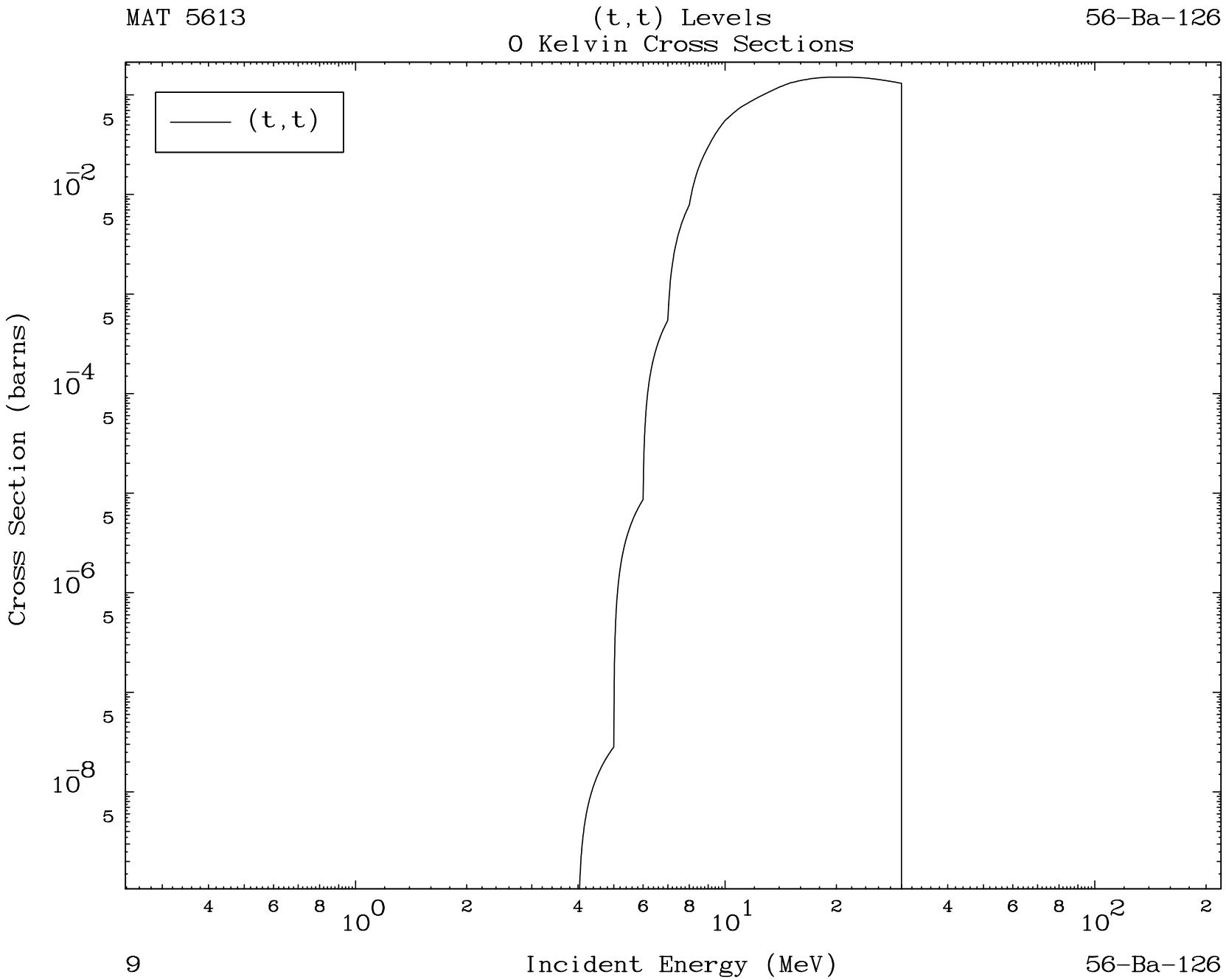

MAT 5613
Triton Charged Particle
0 Kelvin Cross Sections
56-Ba-126
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2α)
(t,3α)
(t,2p)
(t,p) α
(t,p) d
(t,p) t
Cross Section (barns)
Incident Energy (MeV)
56-Ba-126

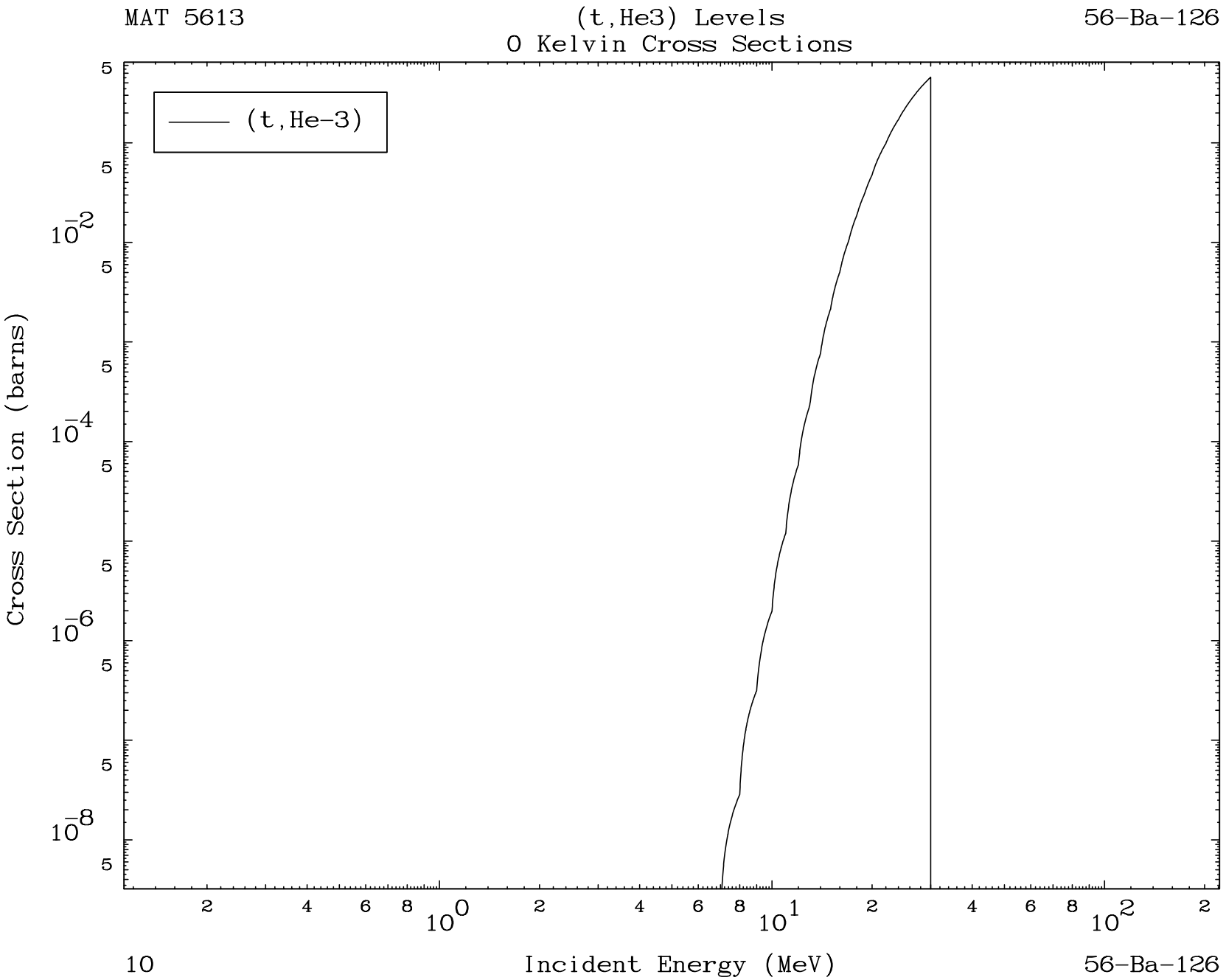
0 Kelvin Cross Sections

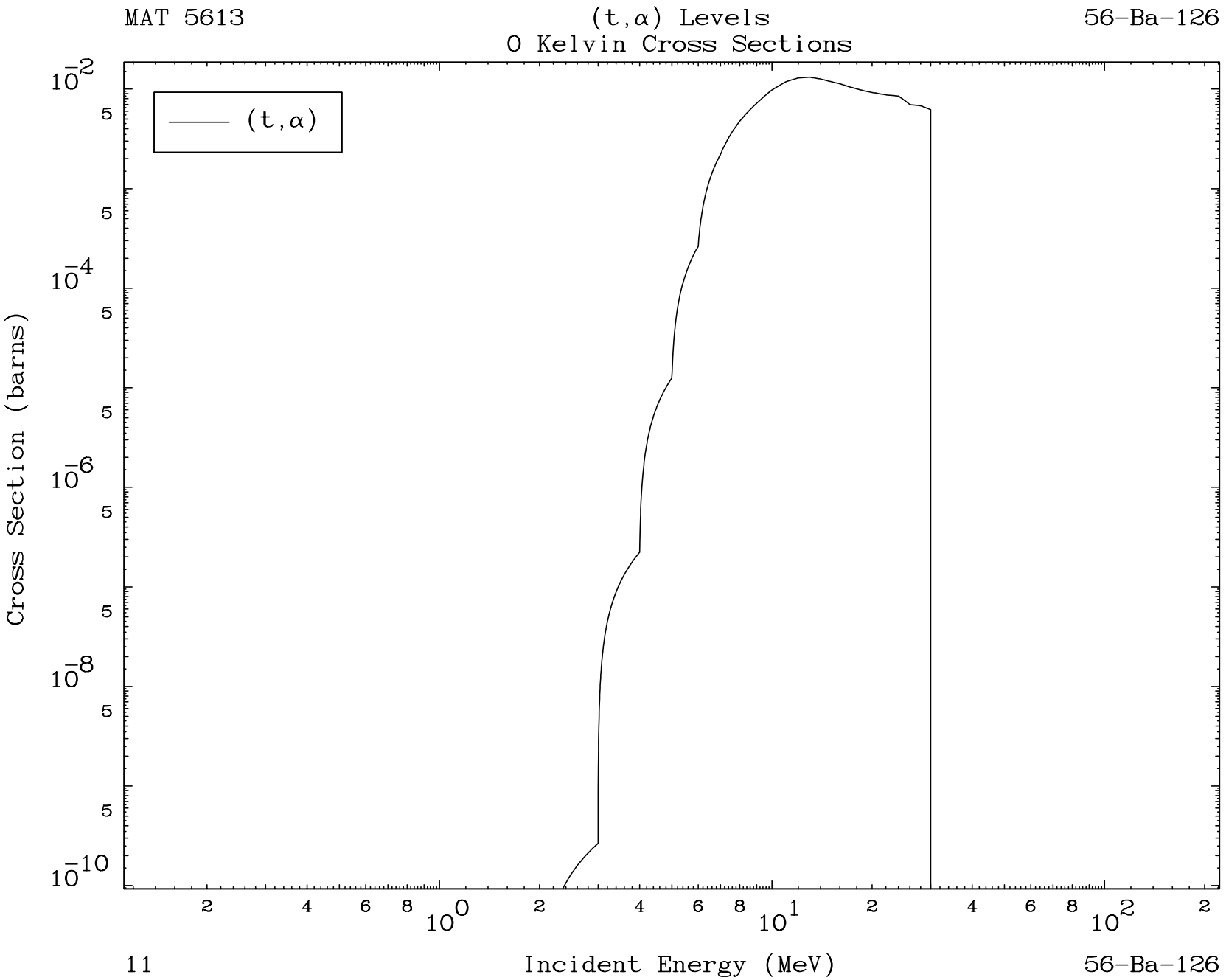


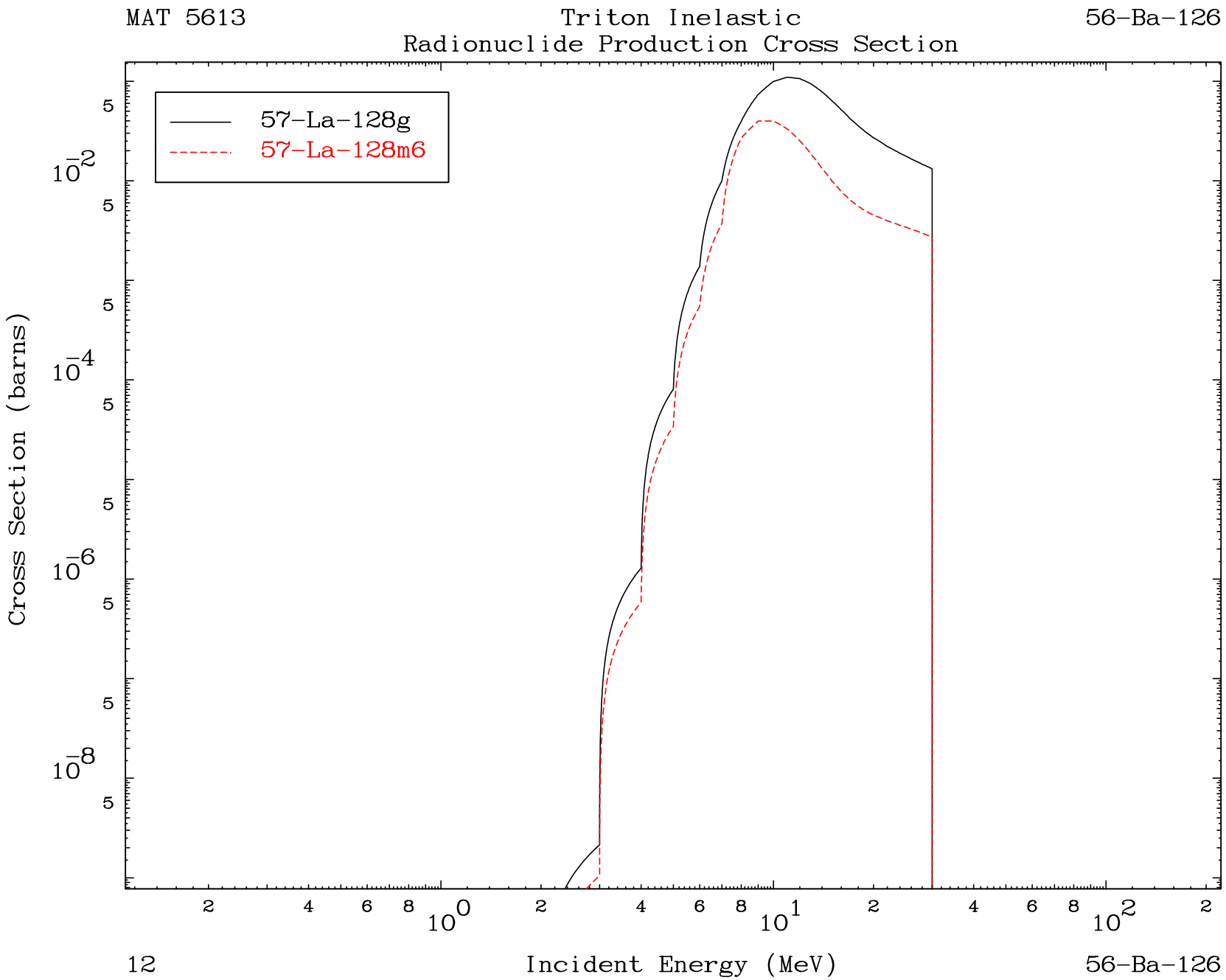

MAT 5613
(t,p) Levels
56-Ba-126
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
Incident Energy (MeV)
100
101
102
7
56-Ba-126

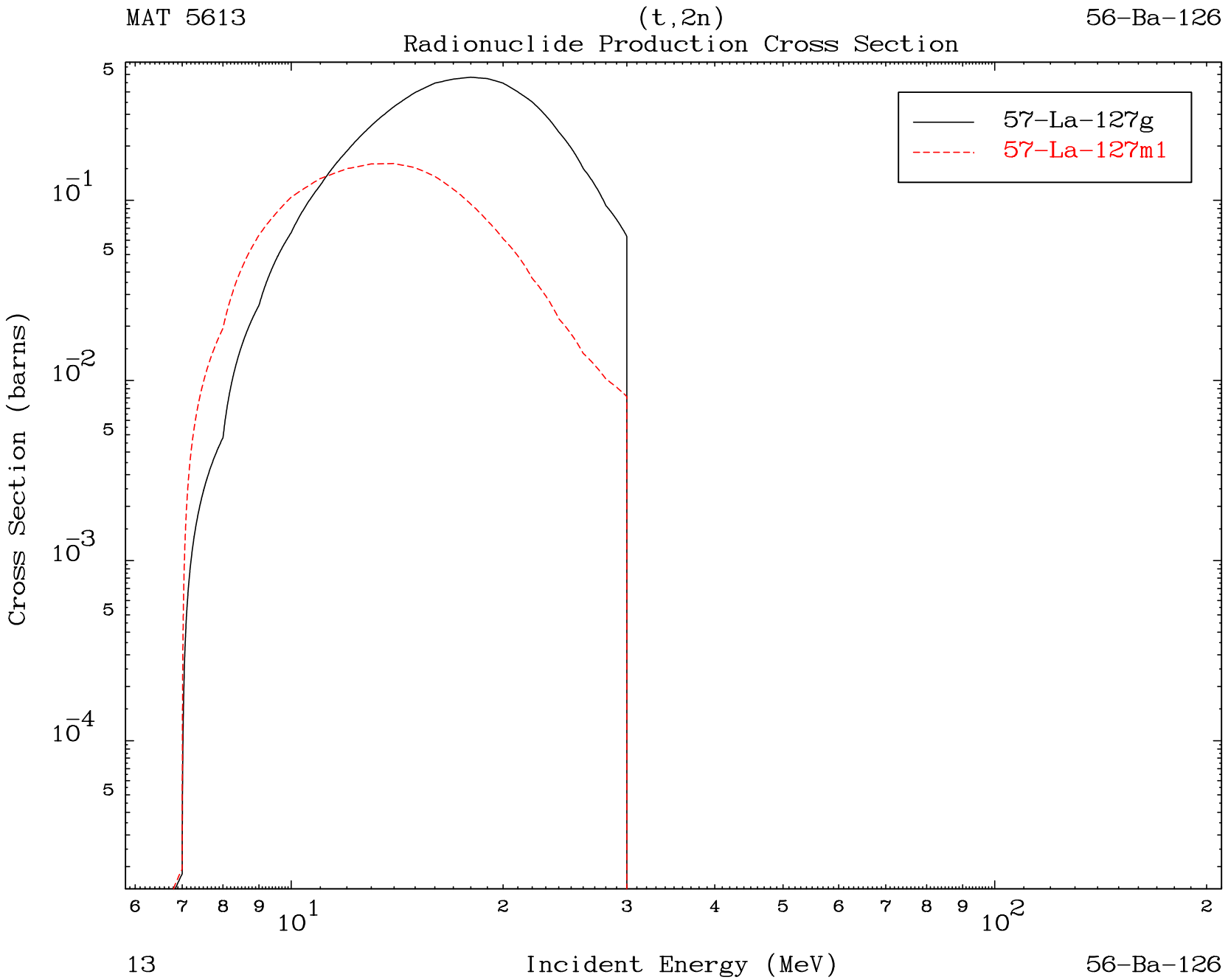

0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)

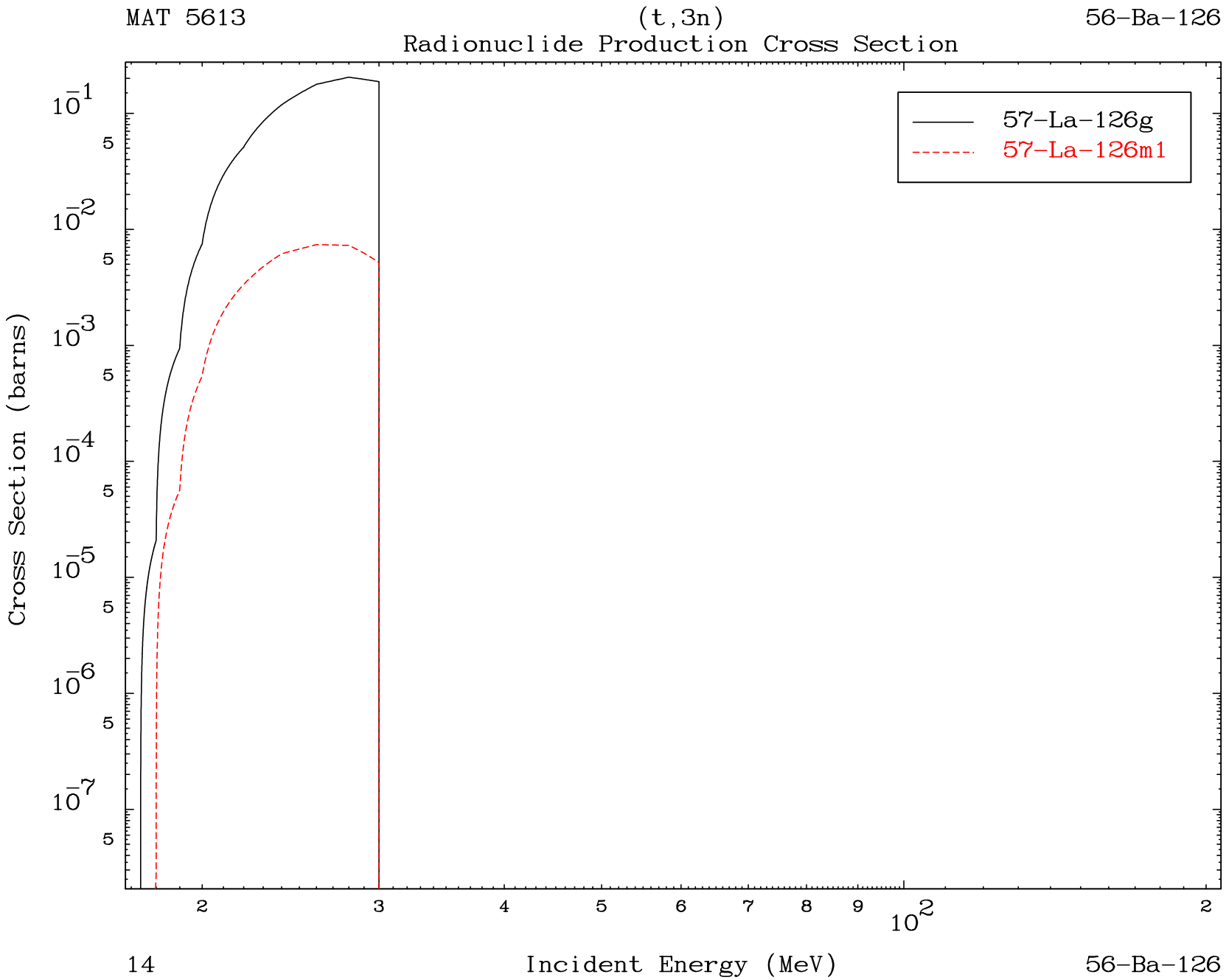

MAT 5613
(t,t) Levels
56-Ba-126
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
9
56-Ba-126

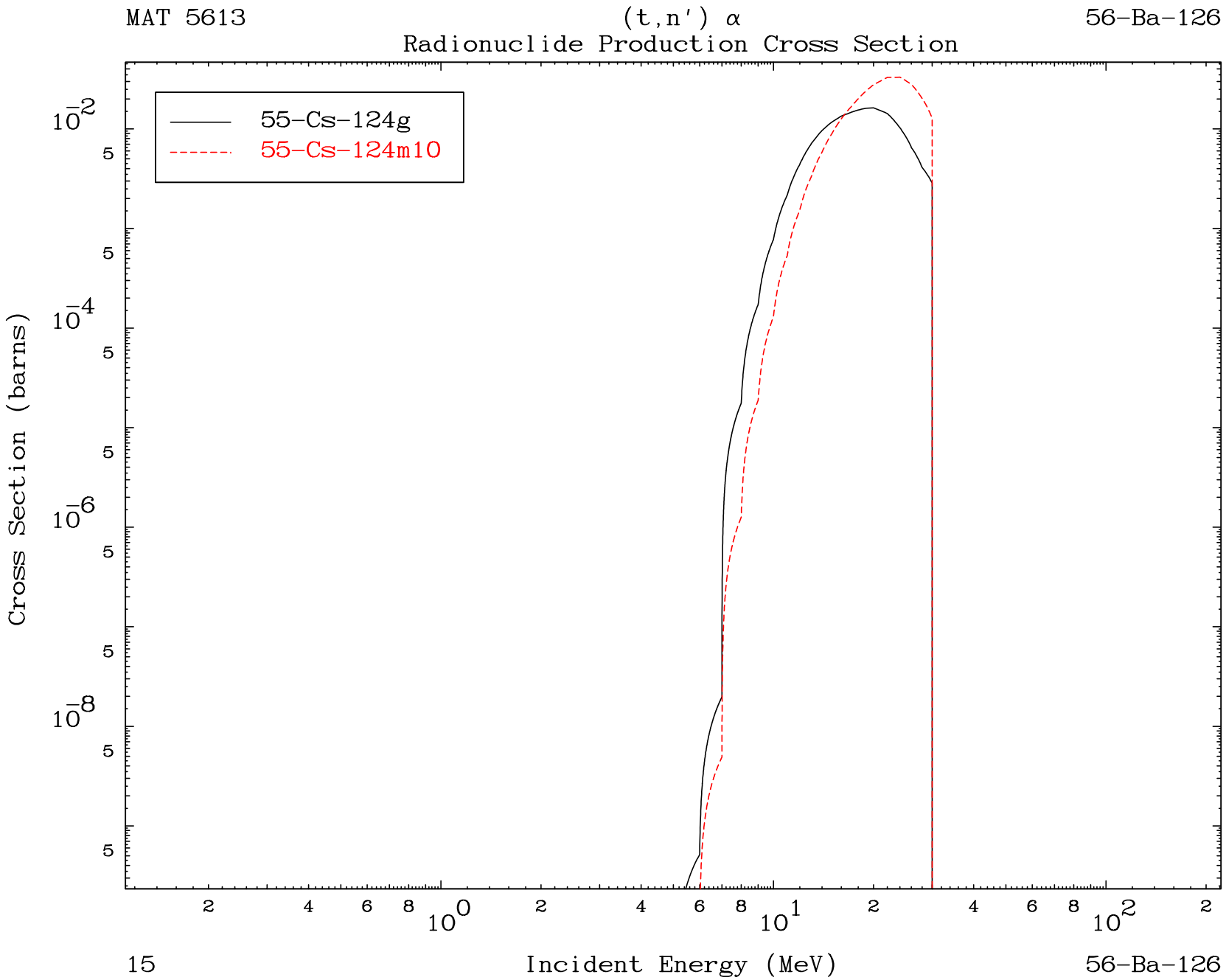

MAT 5613
(t,He3) Levels
56-Ba-126
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
56-Ba-126

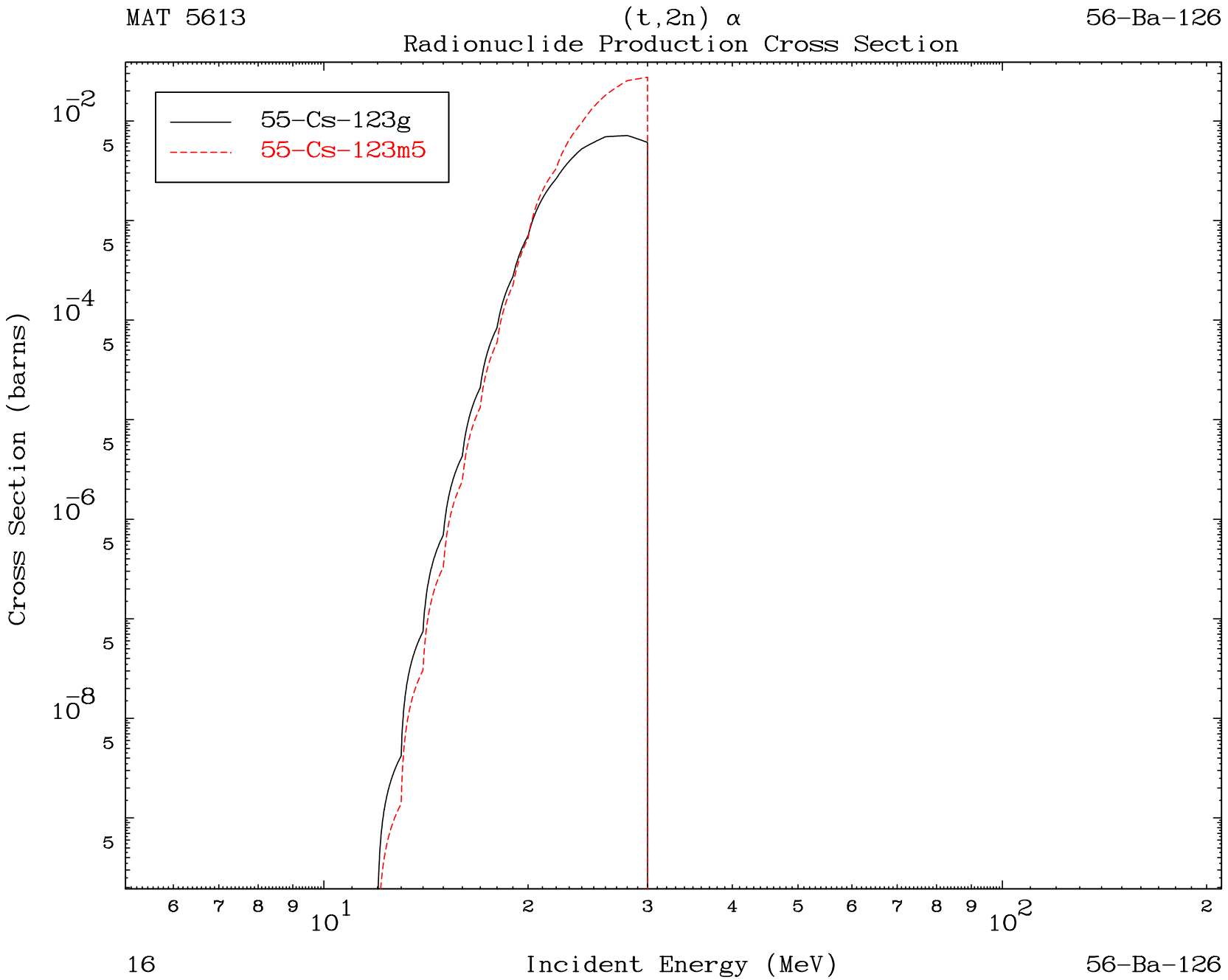

MAT 5613
(t,α) Levels
56-Ba-126
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
Incident Energy (MeV)
11
56-Ba-126

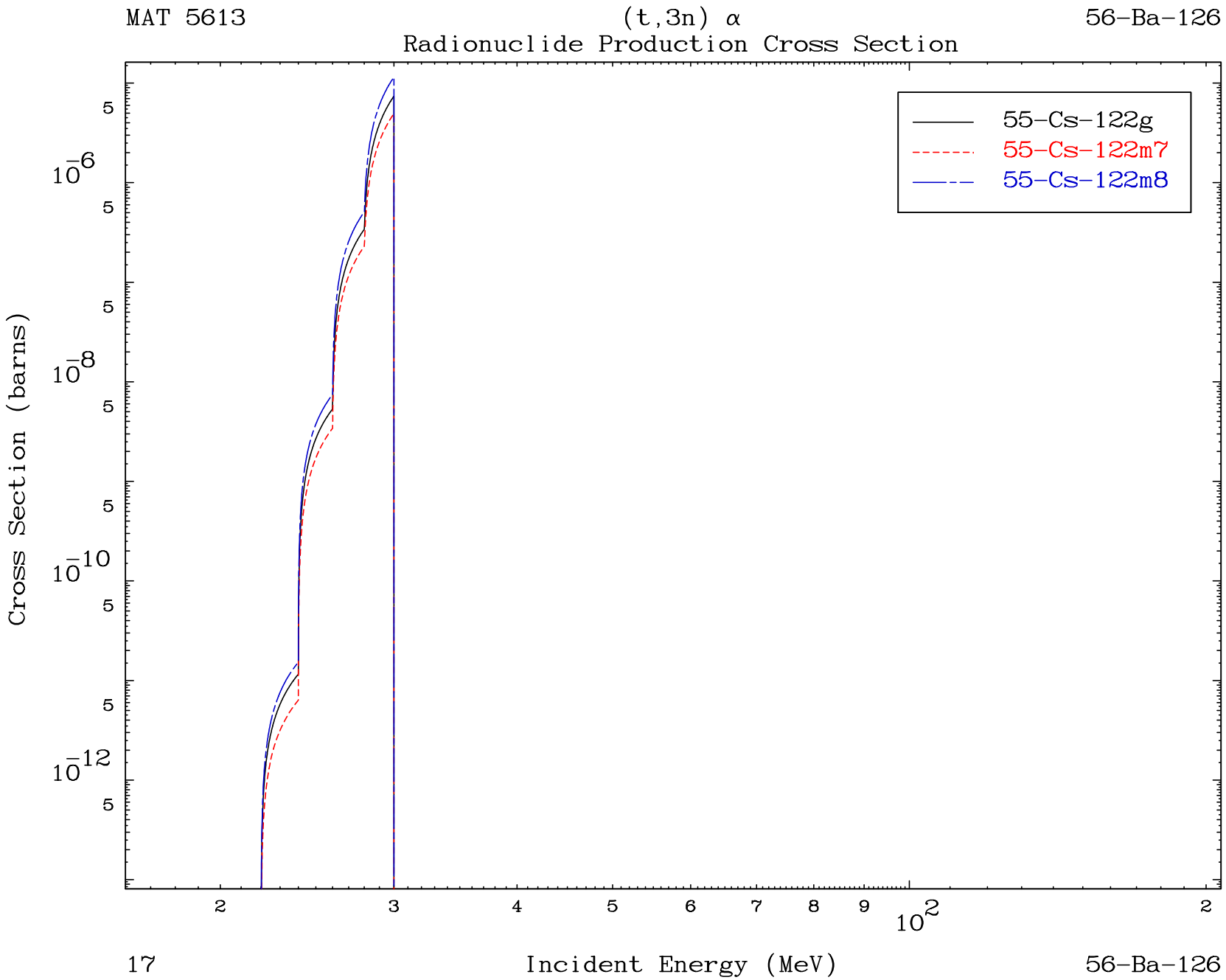

MAT 5613
Triton Inelastic
56-Ba-126
Radionuclide Production Cross Section
57-La-128g
57-La-128m6
Cross Section (barns)
Incident Energy (MeV)
12
56-Ba-126

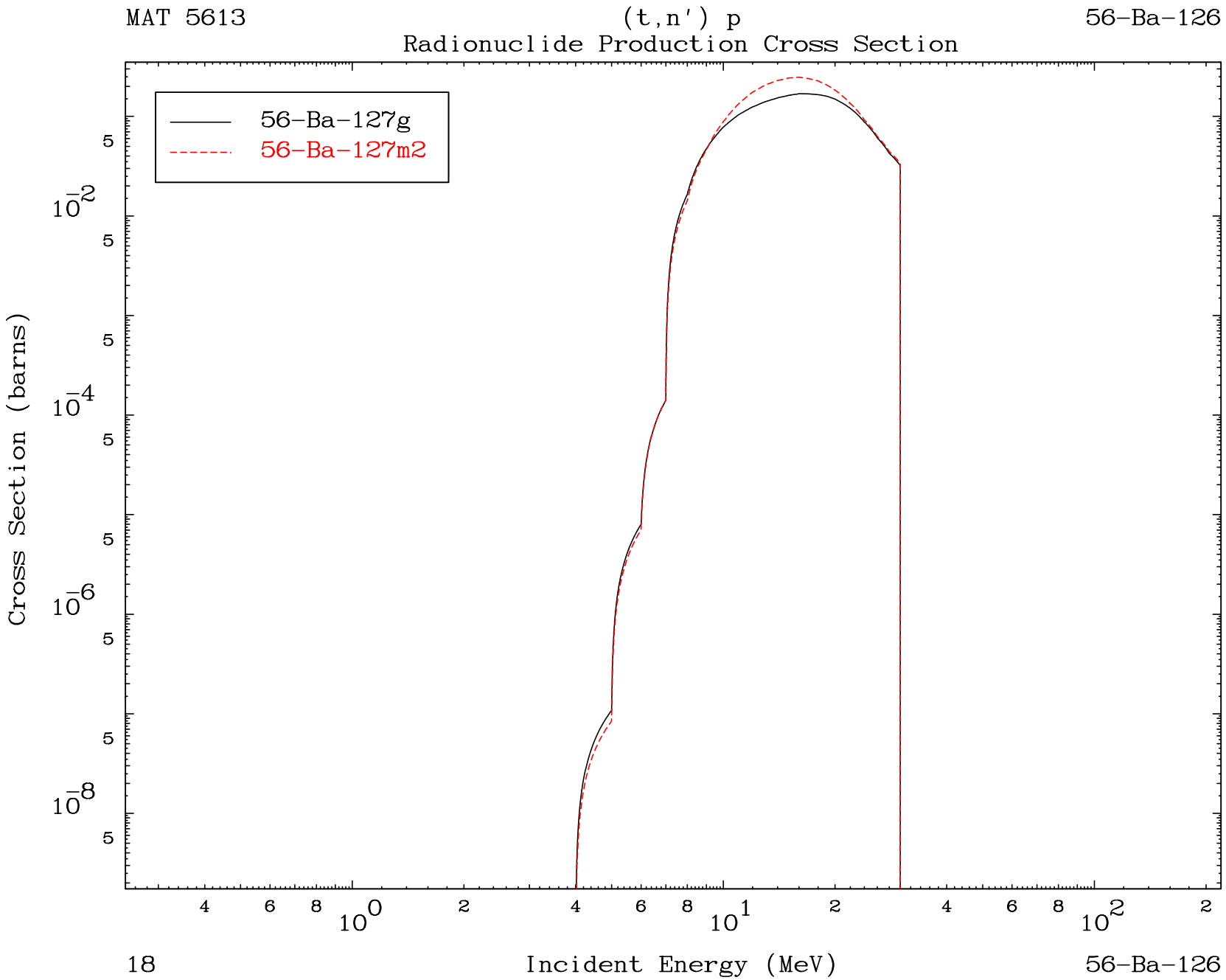

MAT 5613
(t,2n)
56-Ba-126
Radionuclide Production Cross Section
57-La-127g
57-La-127m1
Cross Section (barns)
Incident Energy (MeV)
13
56-Ba-126

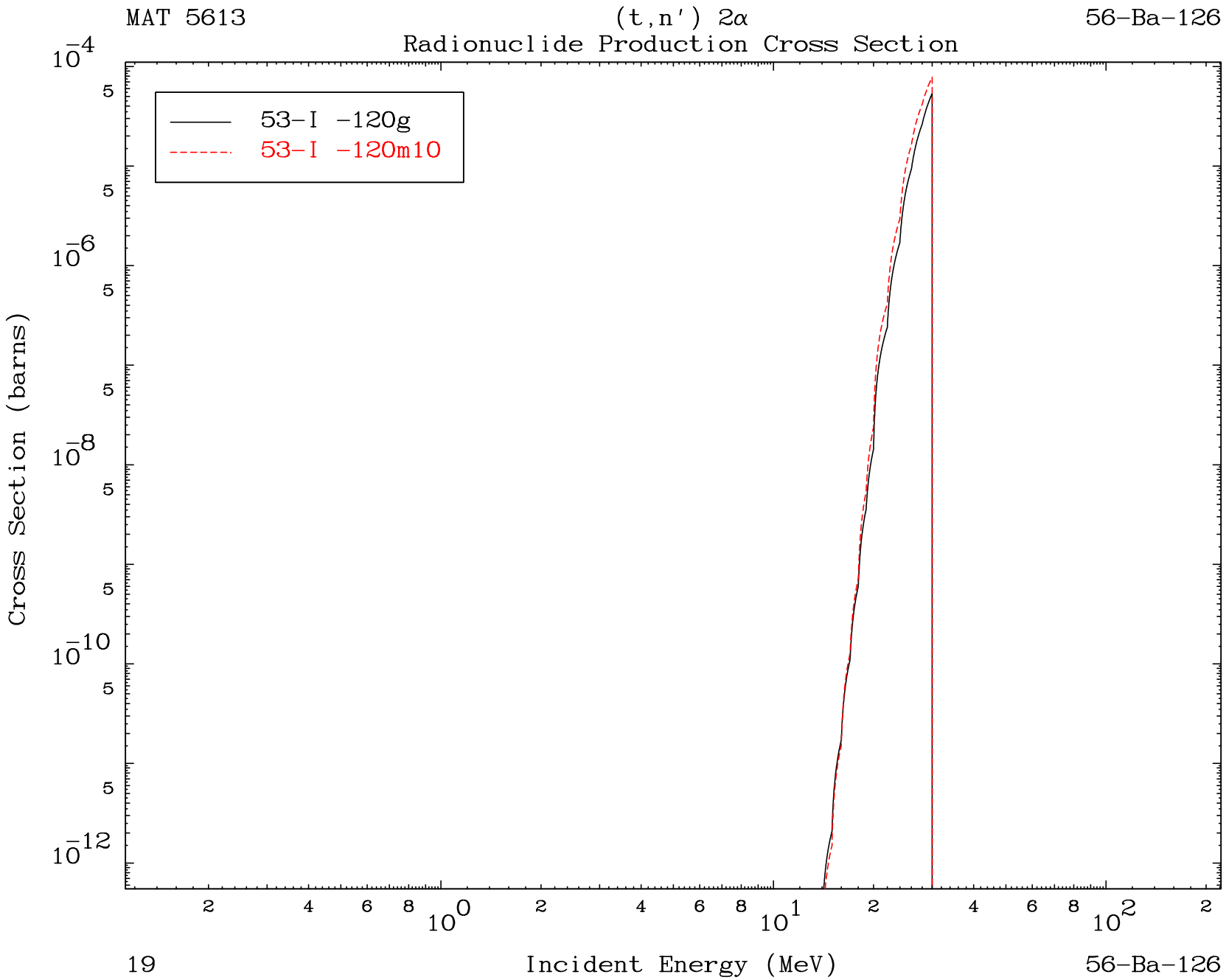

MAT 5613
(t,3n)
56-Ba-126
Radionuclide Production Cross Section
57-La-126g
57-La-126m1
Cross Section (barns)
Incident Energy (MeV)
14
56-Ba-126

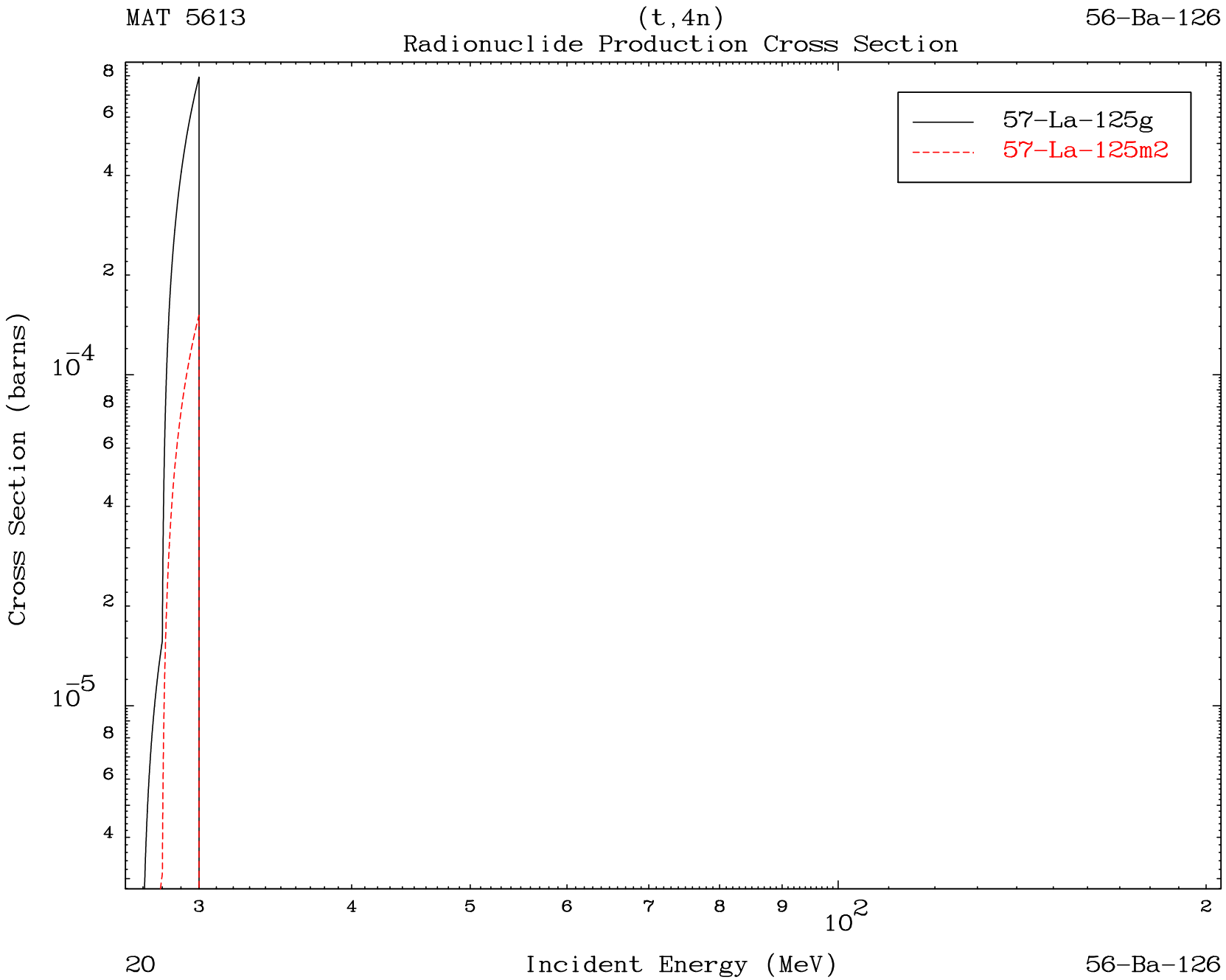

MAT 5613
(t,n') α
56-Ba-126
Radionuclide Production Cross Section
55-Cs-124g
55-Cs-124m10
Cross Section (barns)
Incident Energy (MeV)
15
56-Ba-126

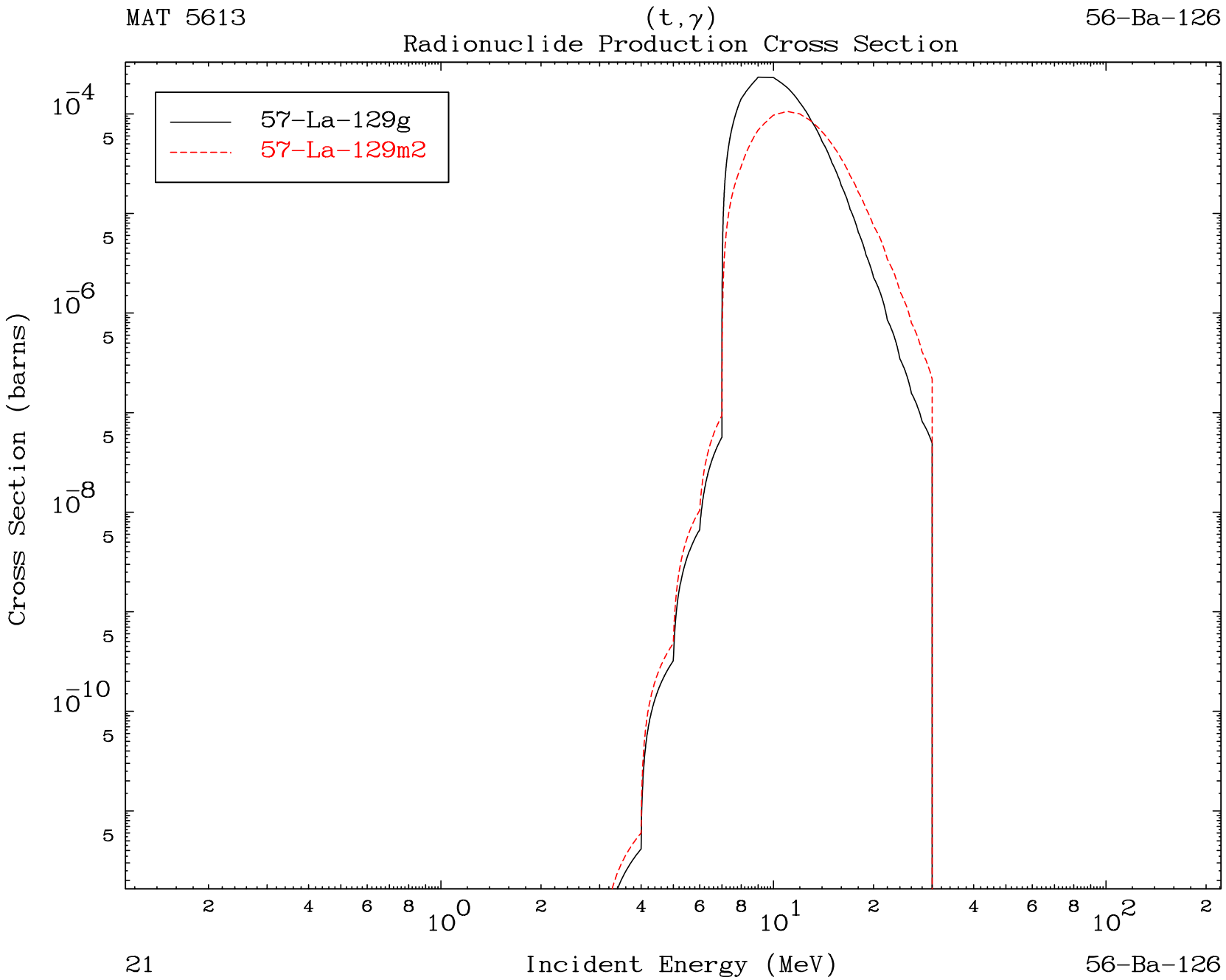

MAT 5613
(t,2n) α
56-Ba-126
Radionuclide Production Cross Section
55-Cs-123g
55-Cs-123m5
Cross Section (barns)
Incident Energy (MeV)
16
56-Ba-126

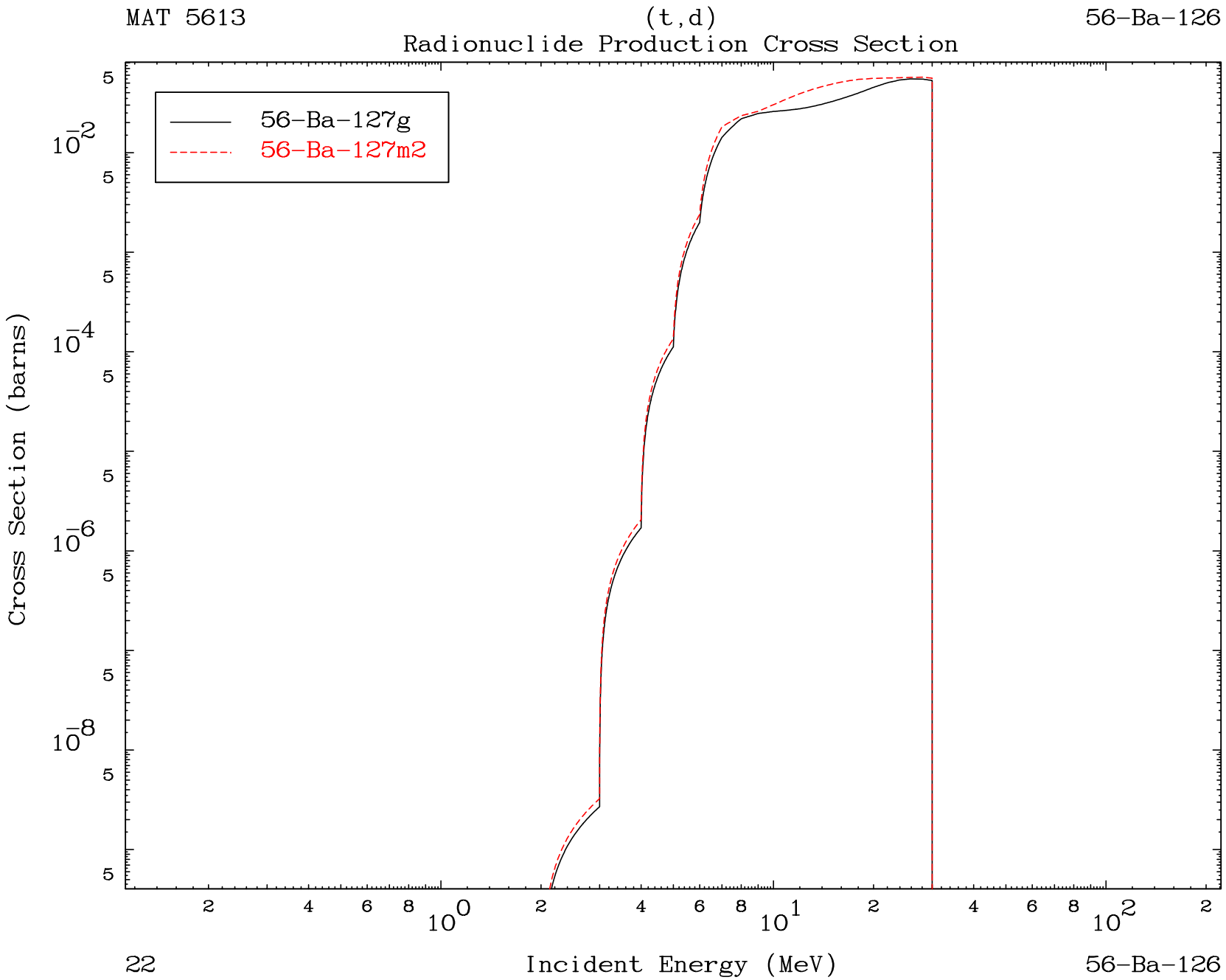

MAT 5613
(t,3n) α
56-Ba-126
Radionuclide Production Cross Section
55-Cs-122g
55-Cs-122m7
55-Cs-122m8
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
17
Incident Energy (MeV)
56-Ba-126


MAT 5613
(t,n') p
56-Ba-126
Radionuclide Production Cross Section
56-Ba-127g
56-Ba-127m2
Cross Section (barns)
Incident Energy (MeV)
18
56-Ba-126


MAT 5613
(t,n') 2α
56-Ba-126
Radionuclide Production Cross Section
53-I -120g
53-I -120m10
Cross Section (barns)
Incident Energy (MeV)
19
56-Ba-126


MAT 5613
(t,4n)
56-Ba-126
Radionuclide Production Cross Section
57-La-125g
57-La-125m2
Cross Section (barns)
8
6
4
2
10-4
8
6
4
2
10-5
8
6
4
3
4
5
6
7
8
9
10 2
2
20
Incident Energy (MeV)
56-Ba-126


MAT 5613
(t,γ)
56-Ba-126
Radionuclide Production Cross Section
57-La-129g
57-La-129m2
Cross Section (barns)
Incident Energy (MeV)
21
56-Ba-126


MAT 5613
(t,d)
56-Ba-126
Radionuclide Production Cross Section
56-Ba-127g
56-Ba-127m2
Cross Section (barns)
Incident Energy (MeV)
22
56-Ba-126