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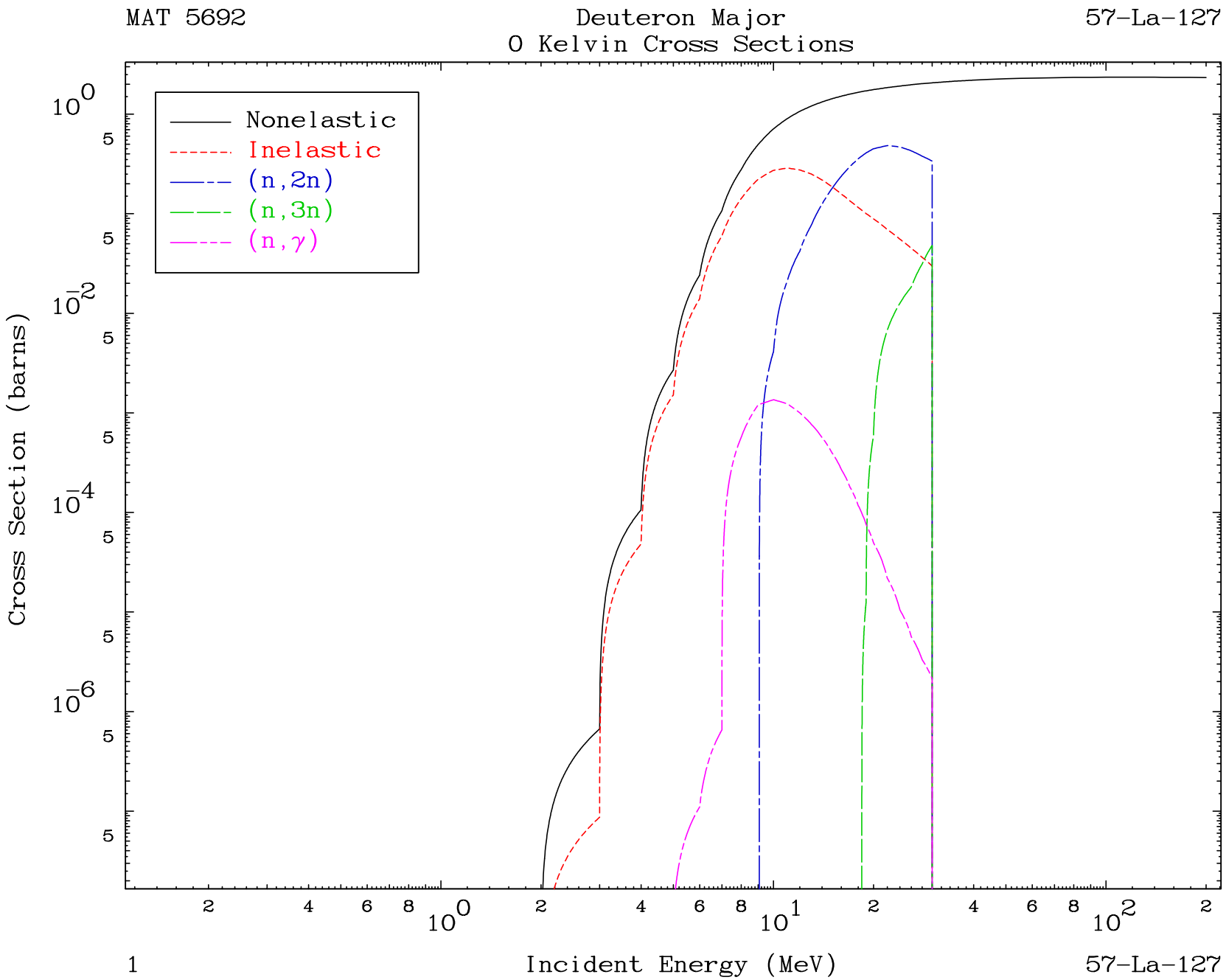
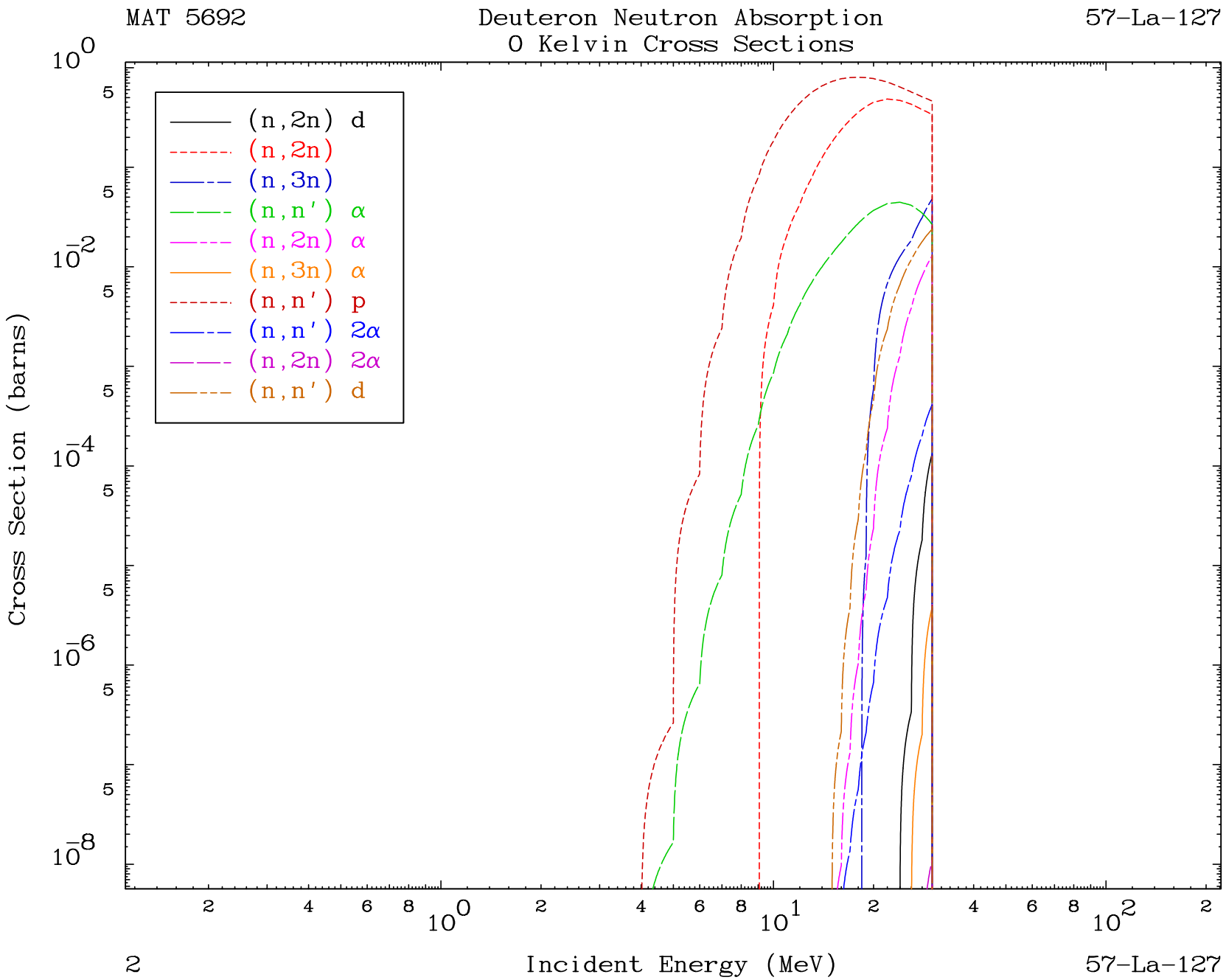
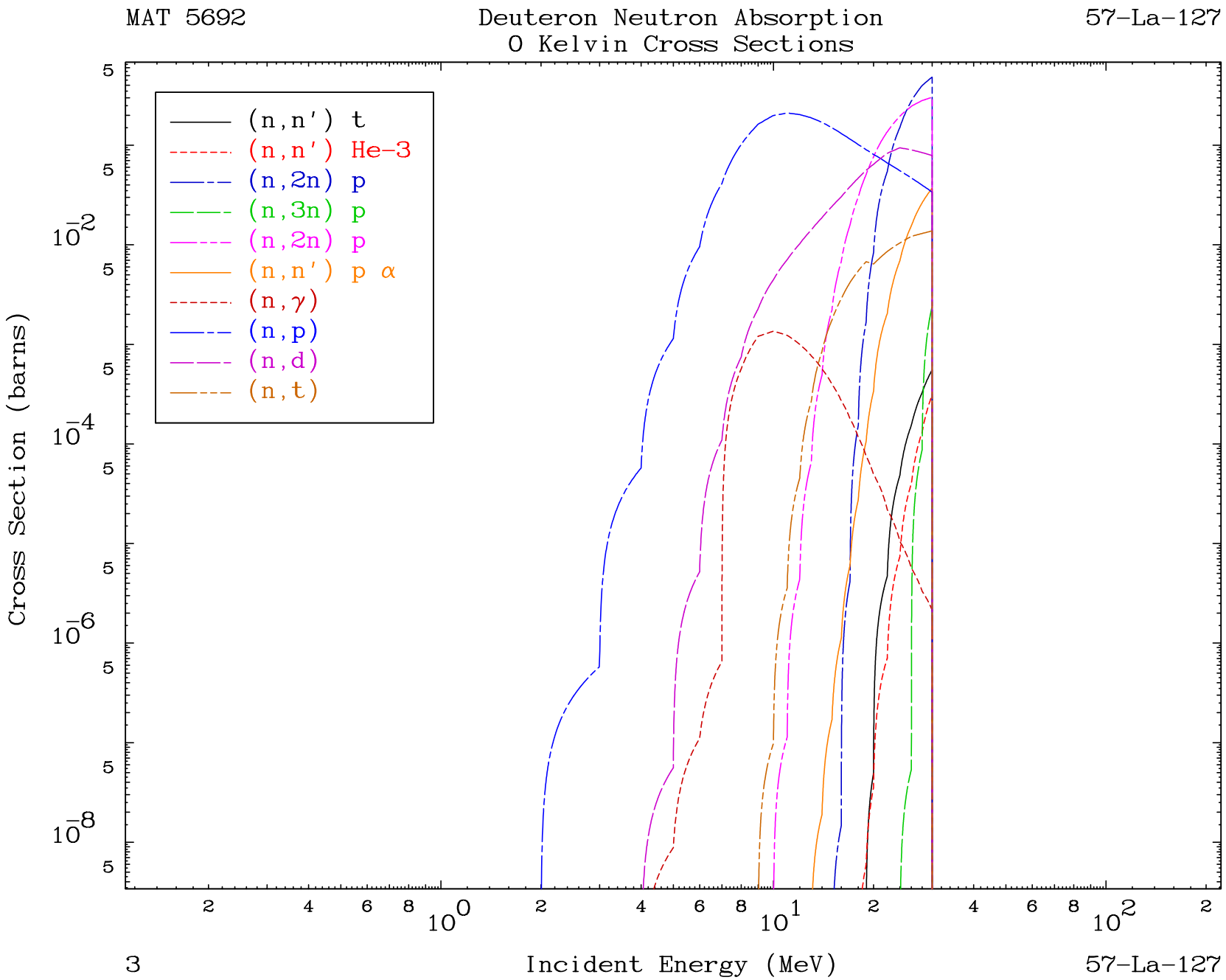
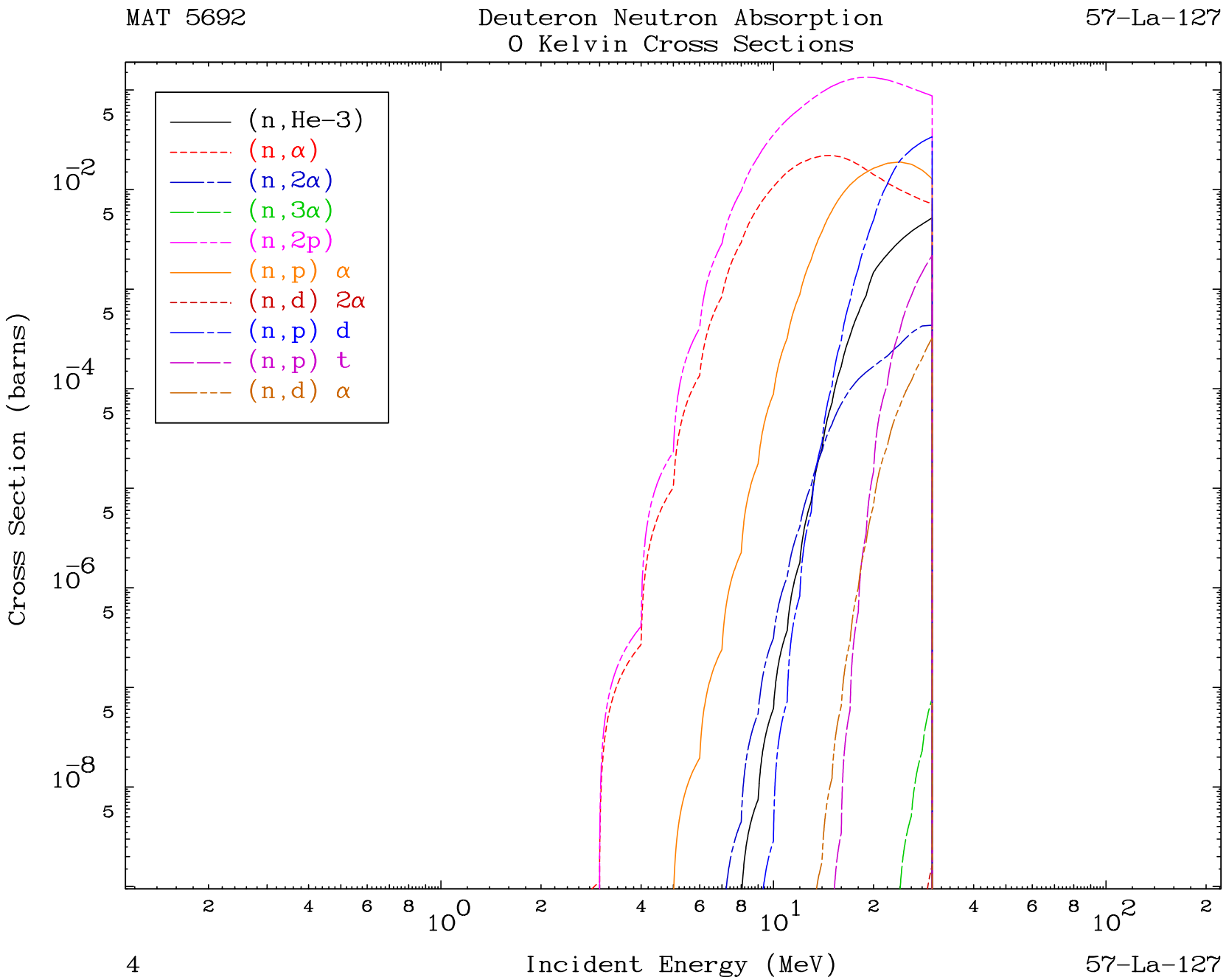
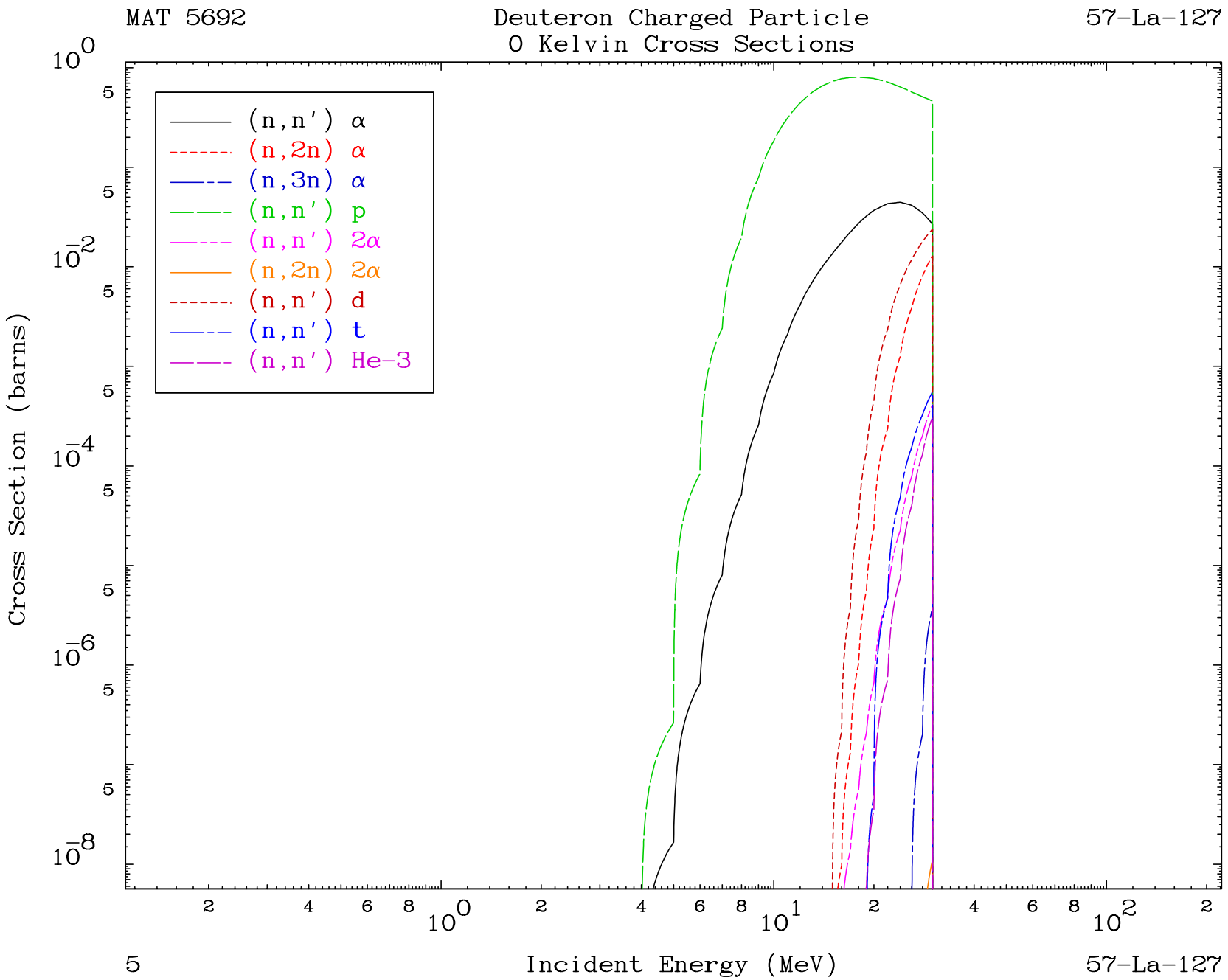
Press Mouse Button to Start

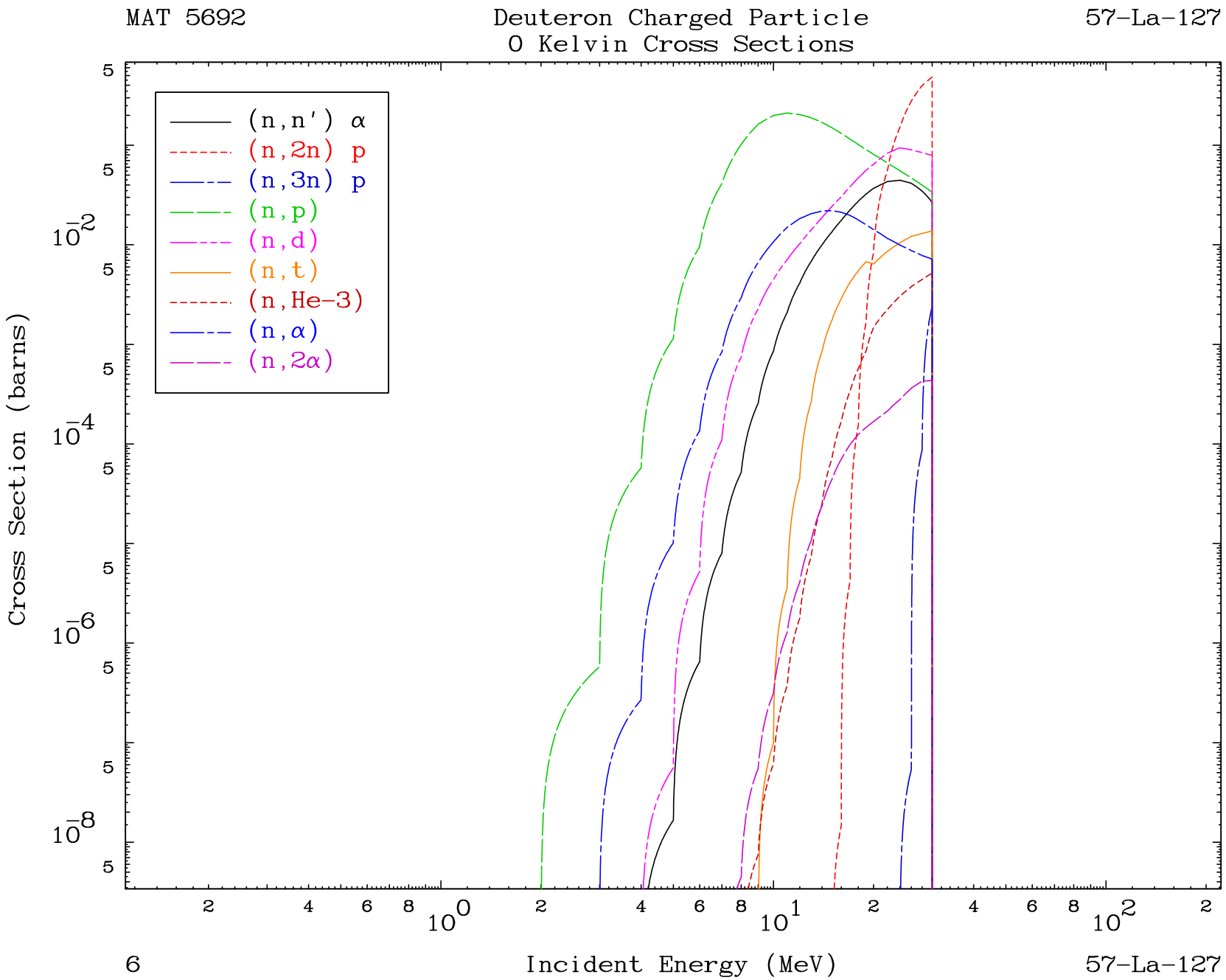

MAT 5692
Deuteron Major
0 Kelvin Cross Sections
57-La-127
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
57-La-127
1

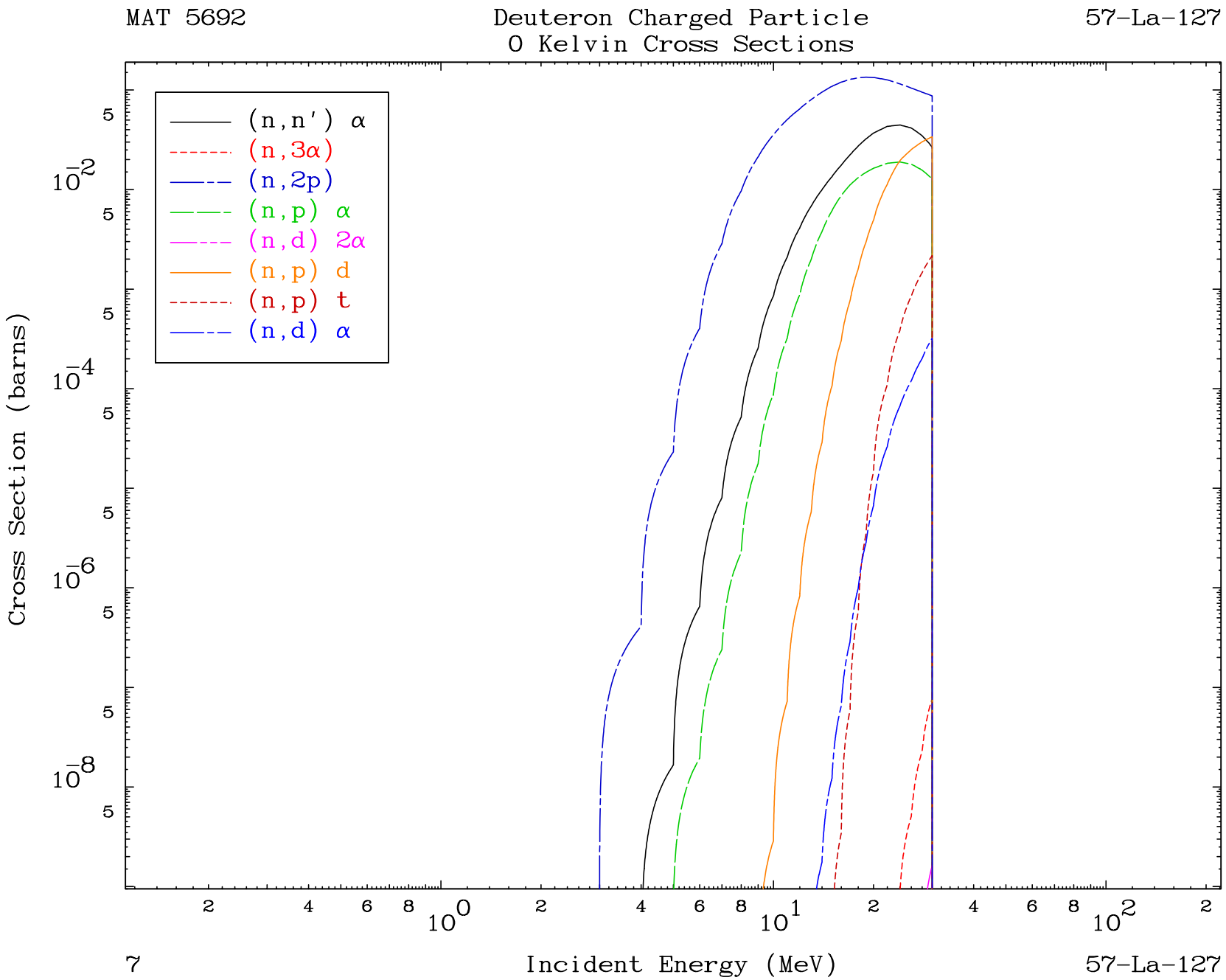

MAT 5692
Deuteron Neutron Absorption
0 Kelvin Cross Sections
57-La-127
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
57-La-127

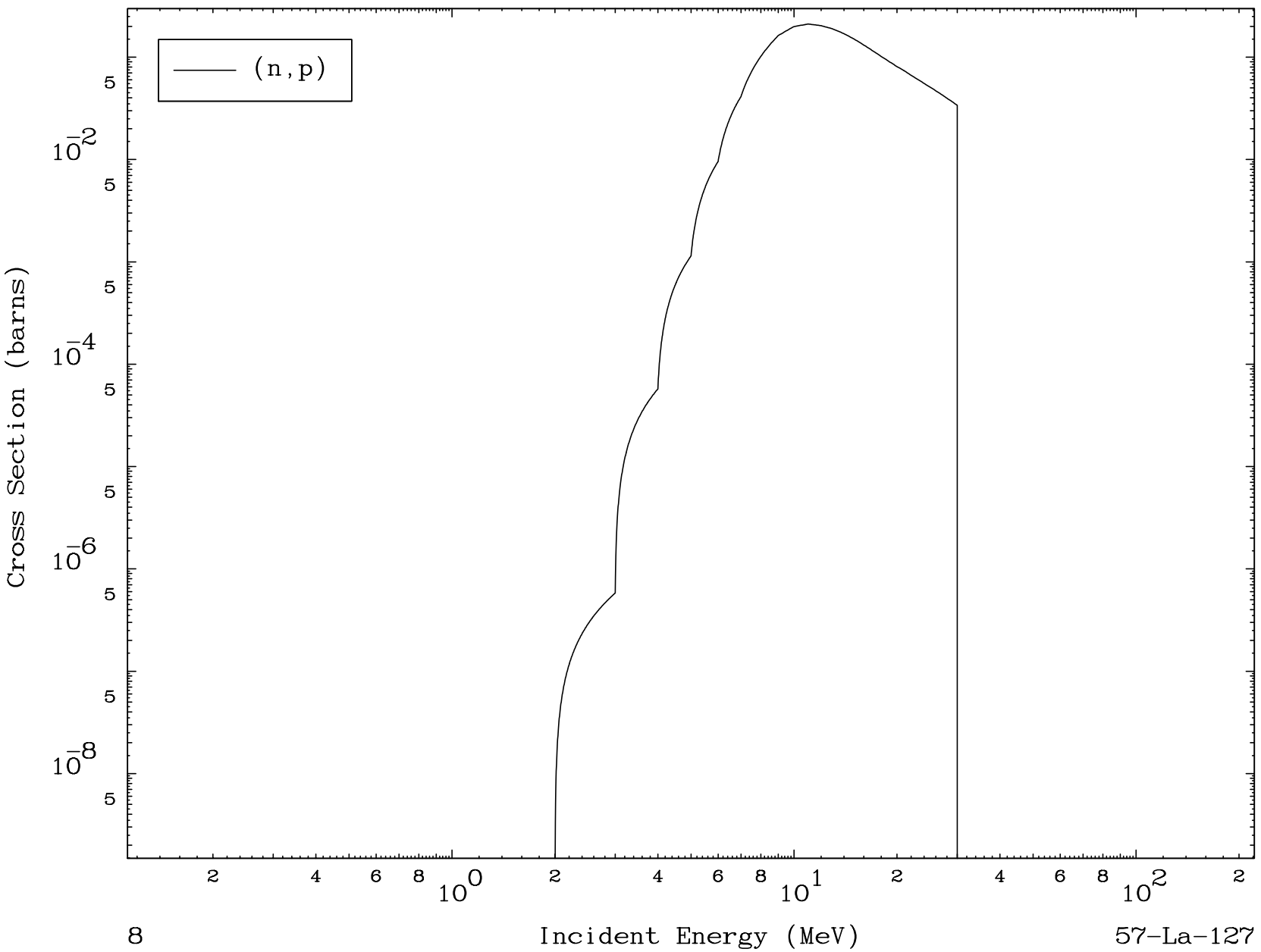

MAT 5692
Deuteron Neutron Absorption
0 Kelvin Cross Sections
57-La-127
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
57-La-127

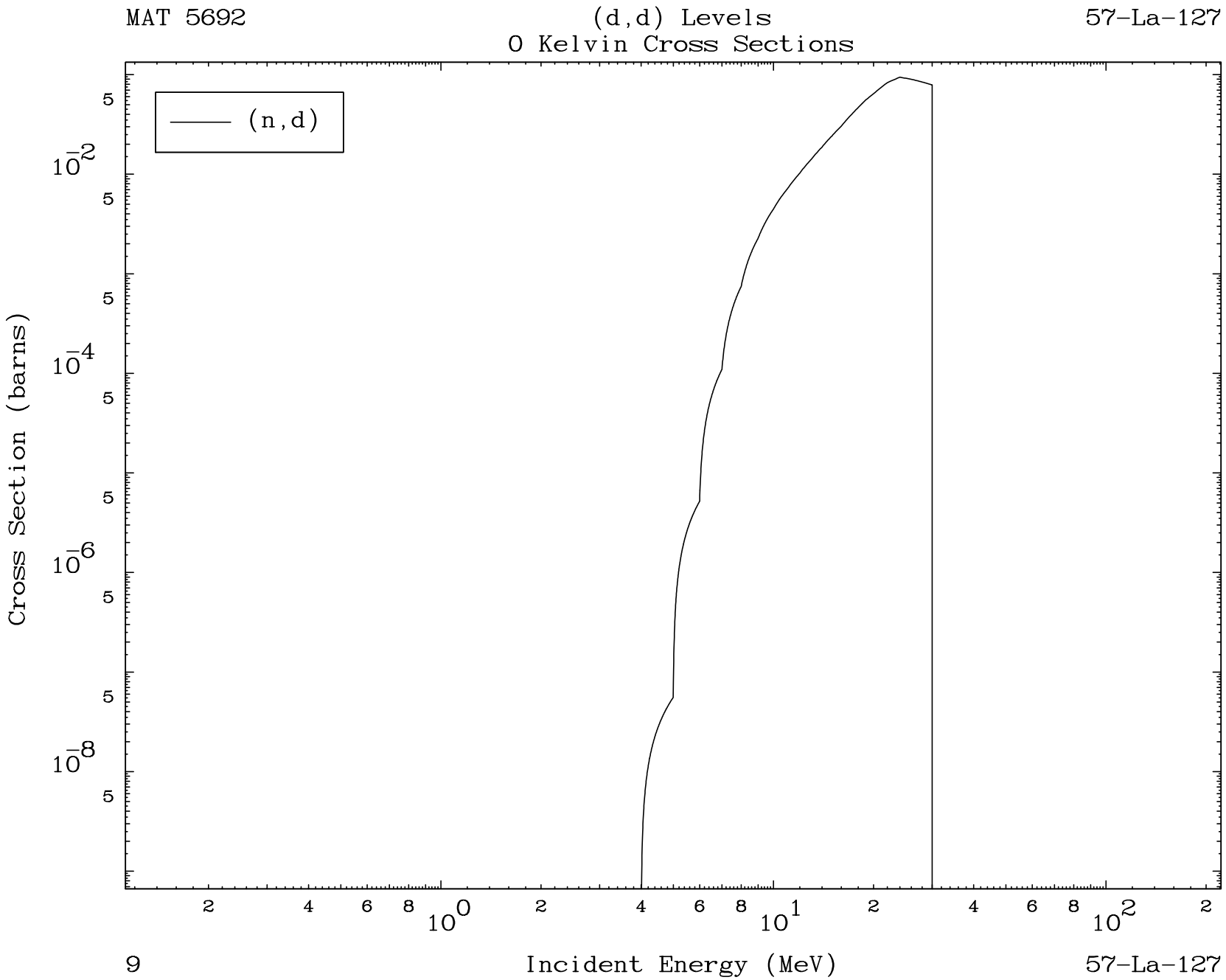

MAT 5692
Deuteron Neutron Absorption
0 Kelvin Cross Sections
57-La-127
(n,He-3)
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
57-La-127

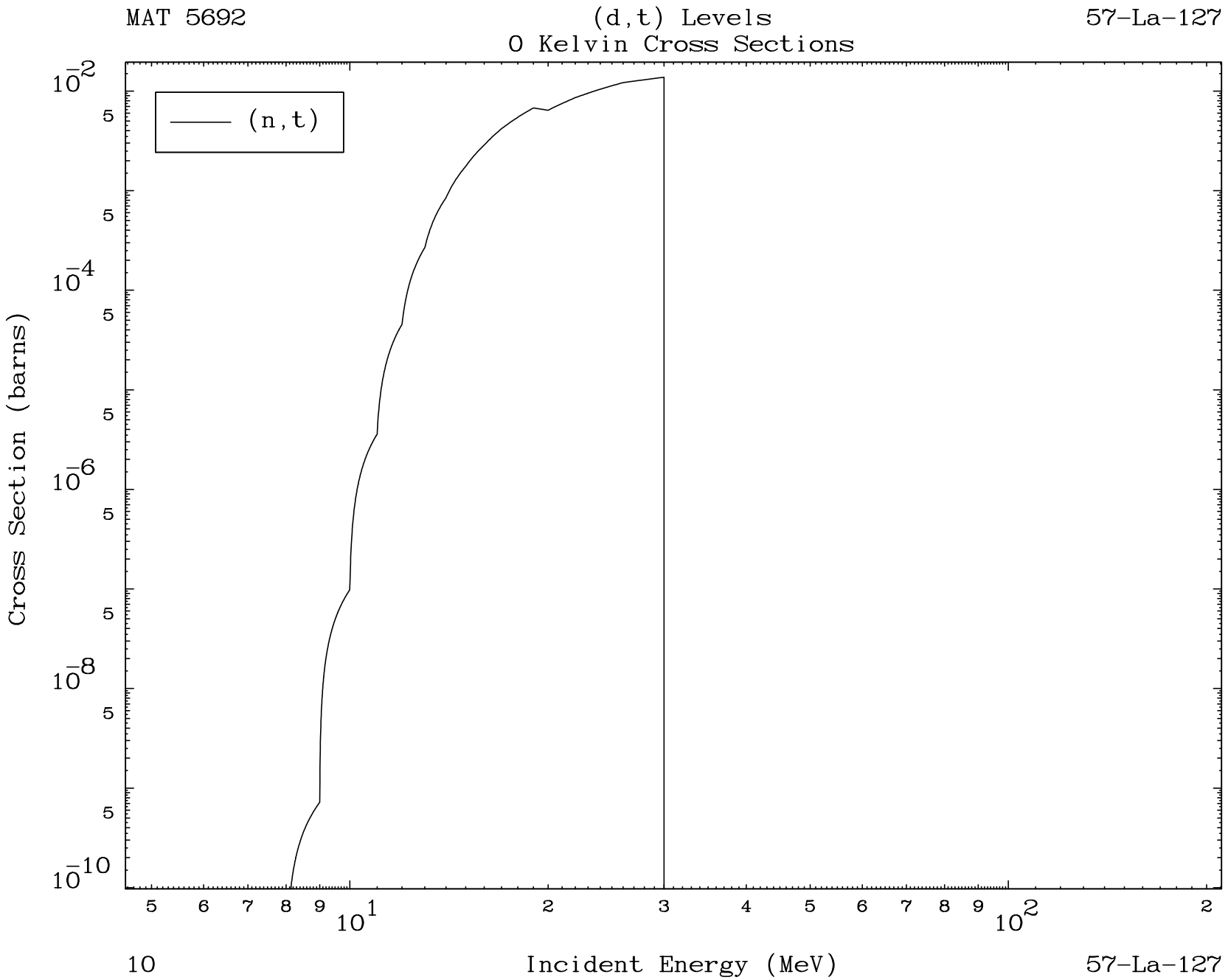

MAT 5692
Deuteron Charged Particle
0 Kelvin Cross Sections
57-La-127
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
57-La-127
5

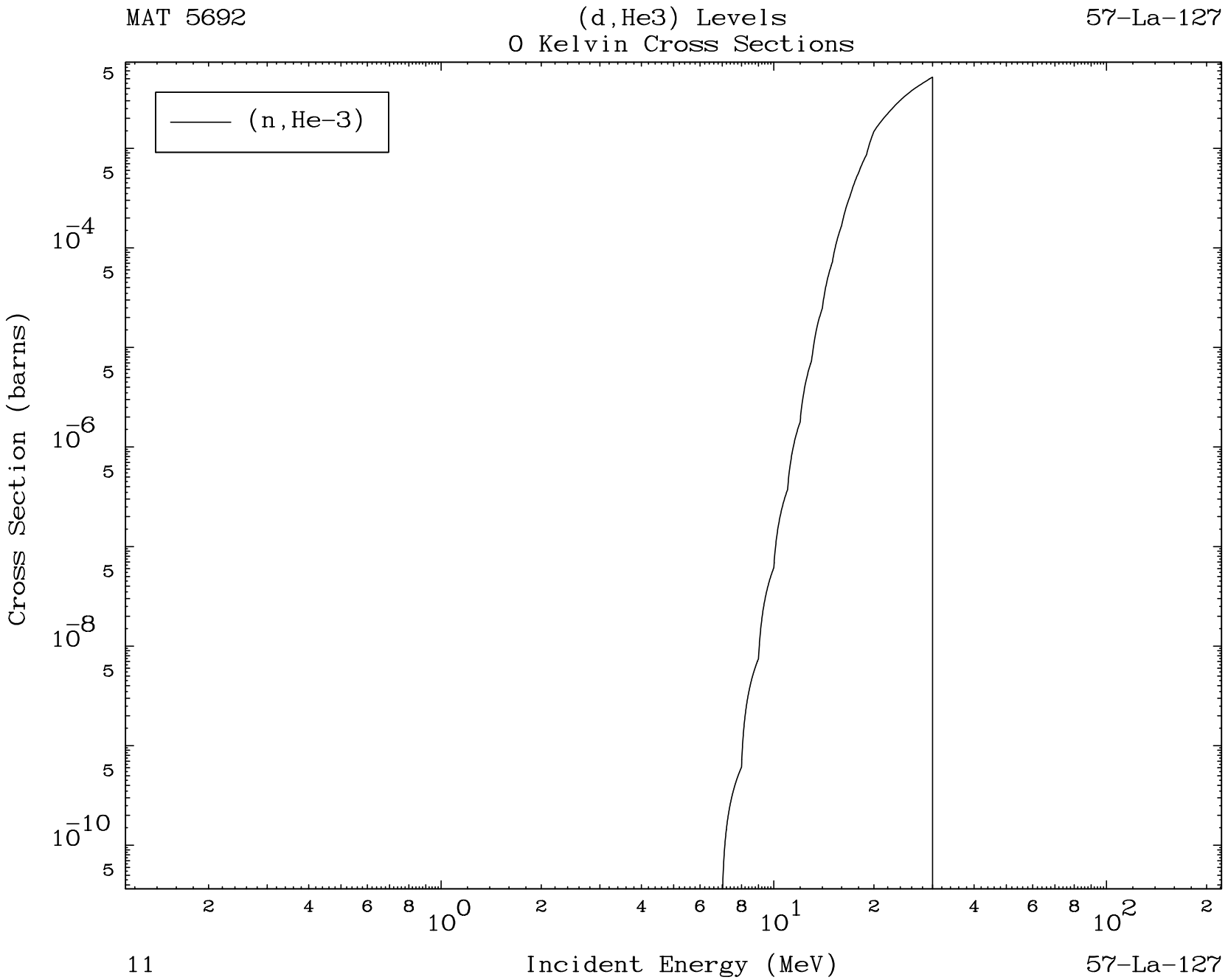

MAT 5692
Deuteron Charged Particle
0 Kelvin Cross Sections
57-La-127
(n,n') α
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
6
57-La-127

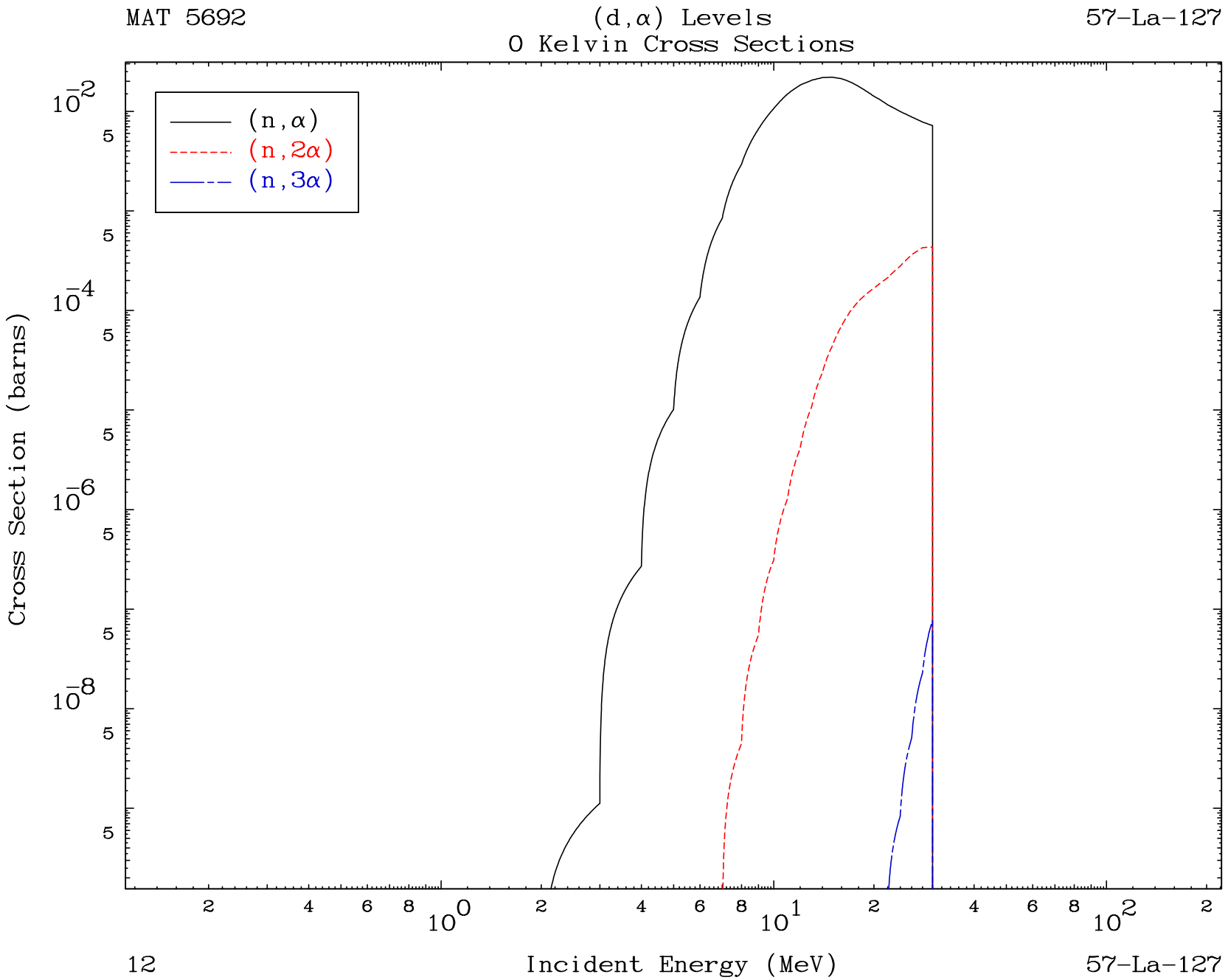

MAT 5692
Deuteron Charged Particle
0 Kelvin Cross Sections
57-La-127
(n,n') α
(n,3α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
57-La-127

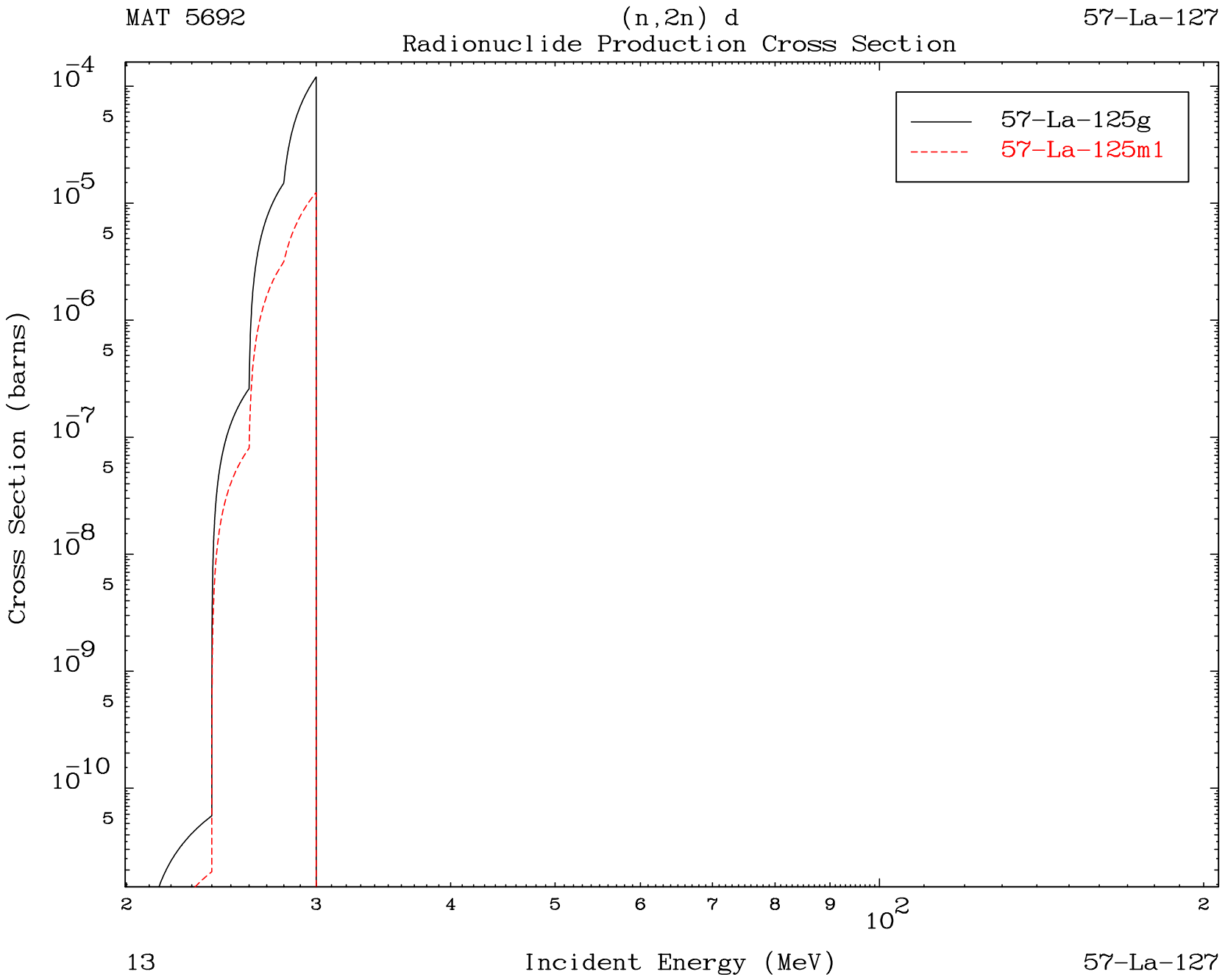

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)

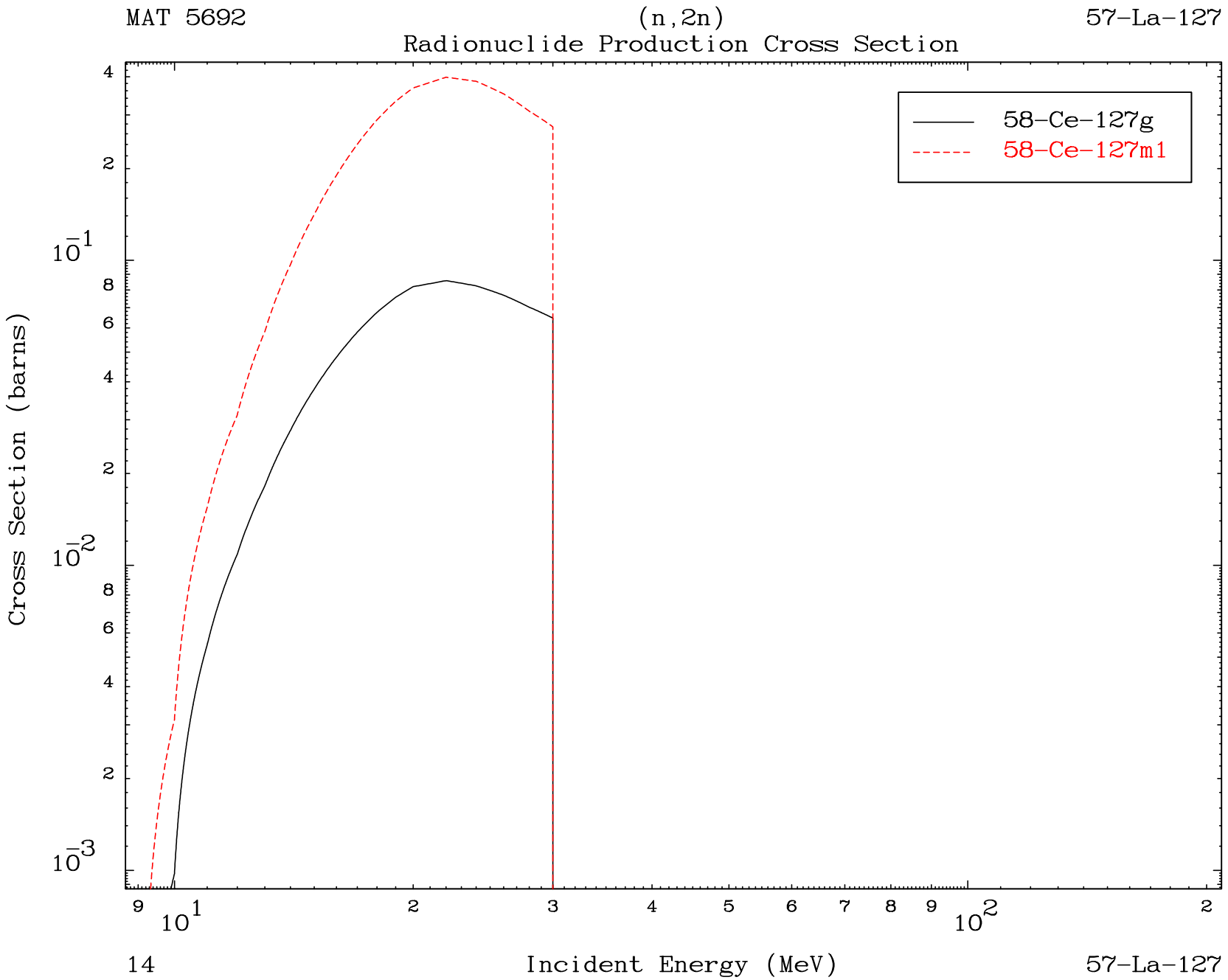

MAT 5692
(d,d) Levels
57-La-127
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
9
57-La-127

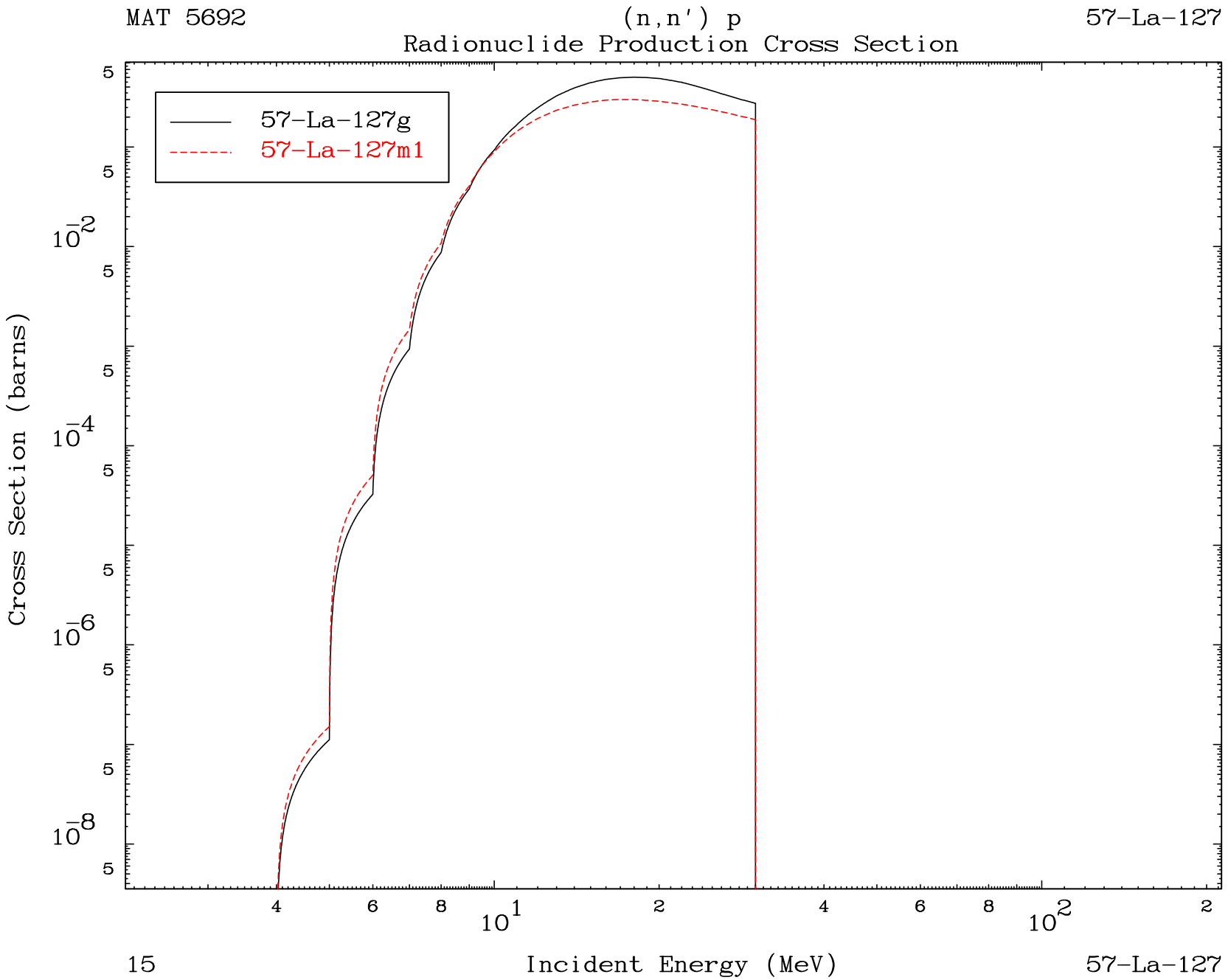

MAT 5692
(d,t) Levels
57-La-127
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
57-La-127

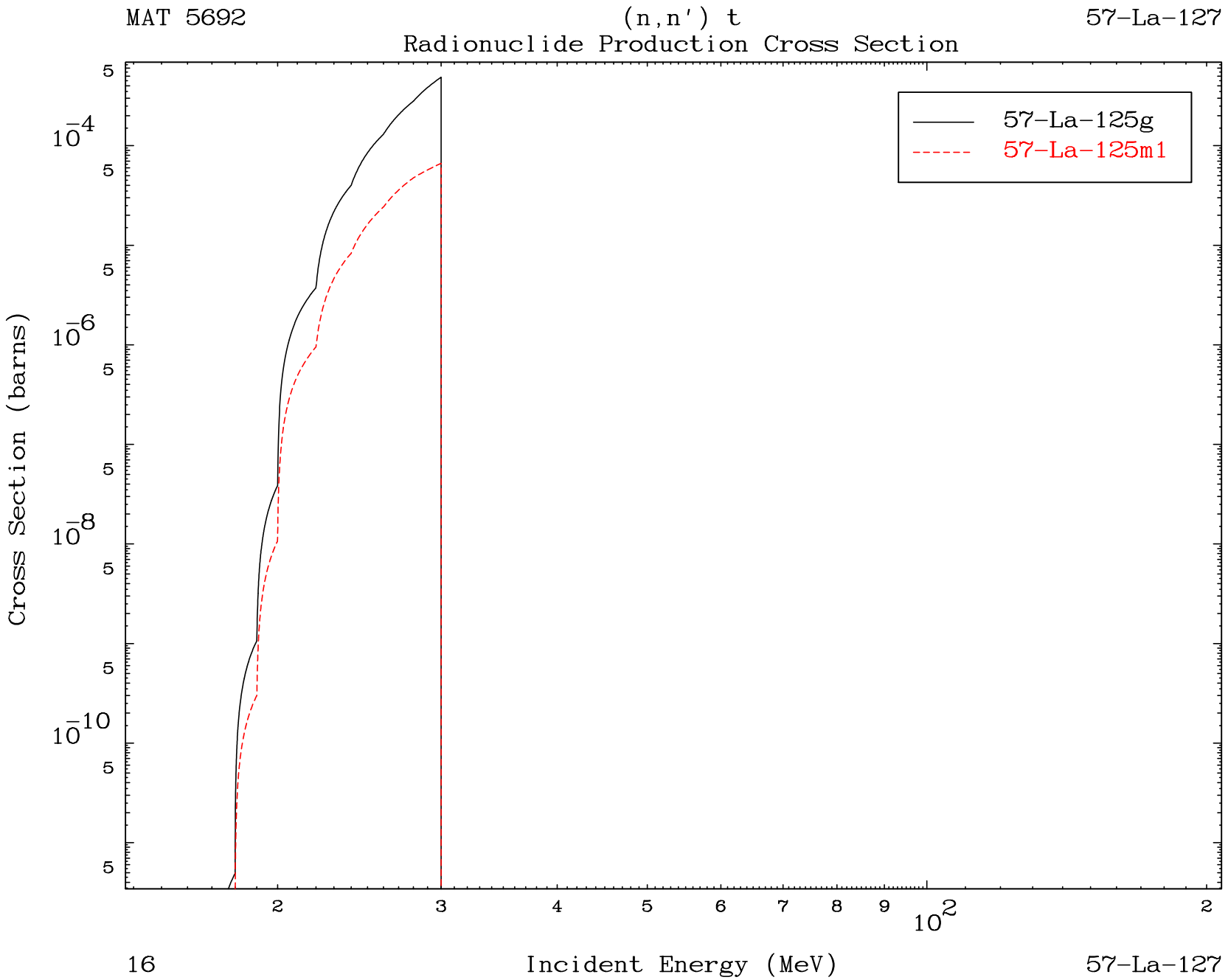

MAT 5692
(d,He3) Levels
57-La-127
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
57-La-127

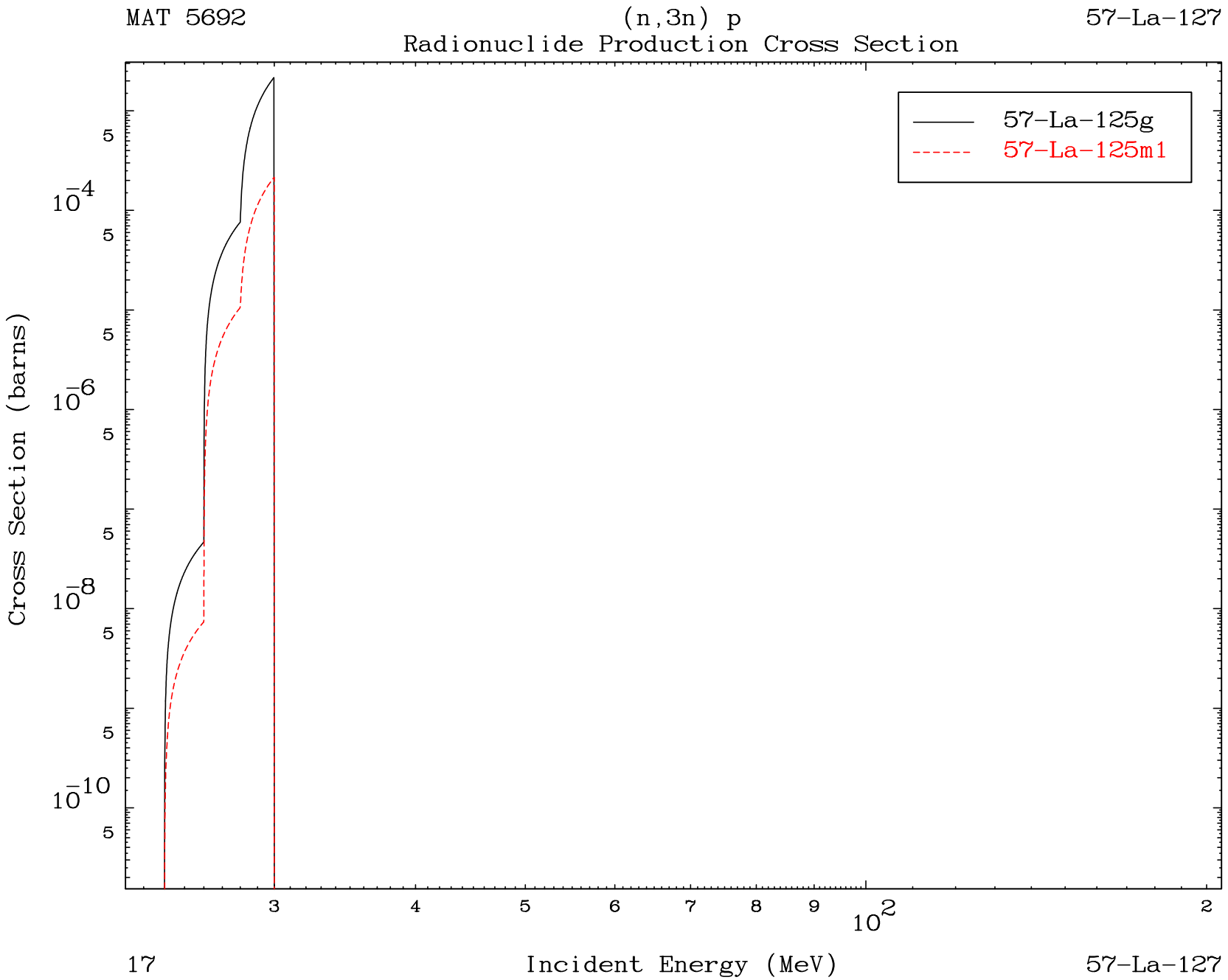

MAT 5692
(d,α) Levels
57-La-127
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
12
57-La-127

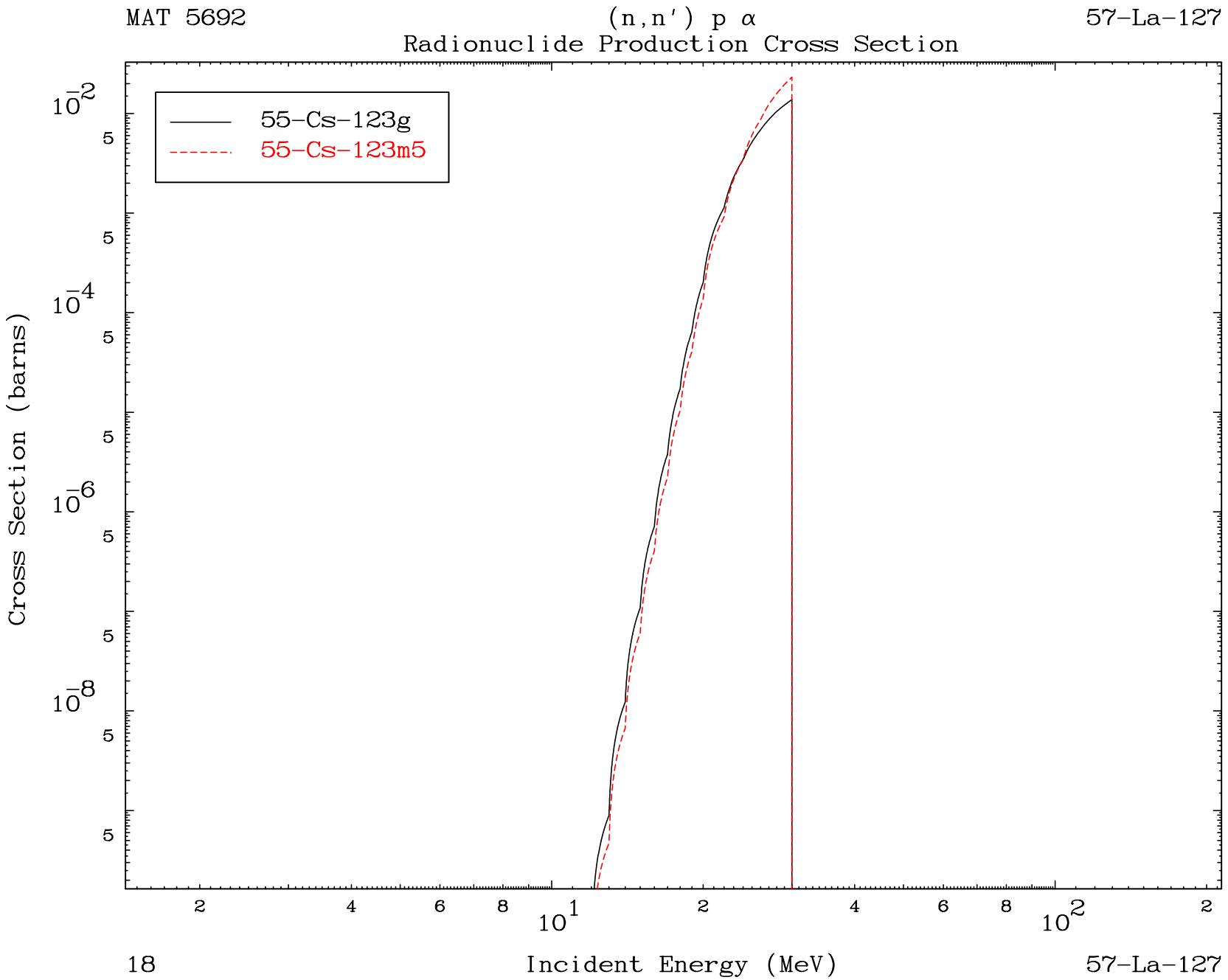

MAT 5692
(n,2n) d
57-La-127
Radionuclide Production Cross Section
57-La-125g
57-La-125m1
Cross Section (barns)
Incident Energy (MeV)
13
57-La-127

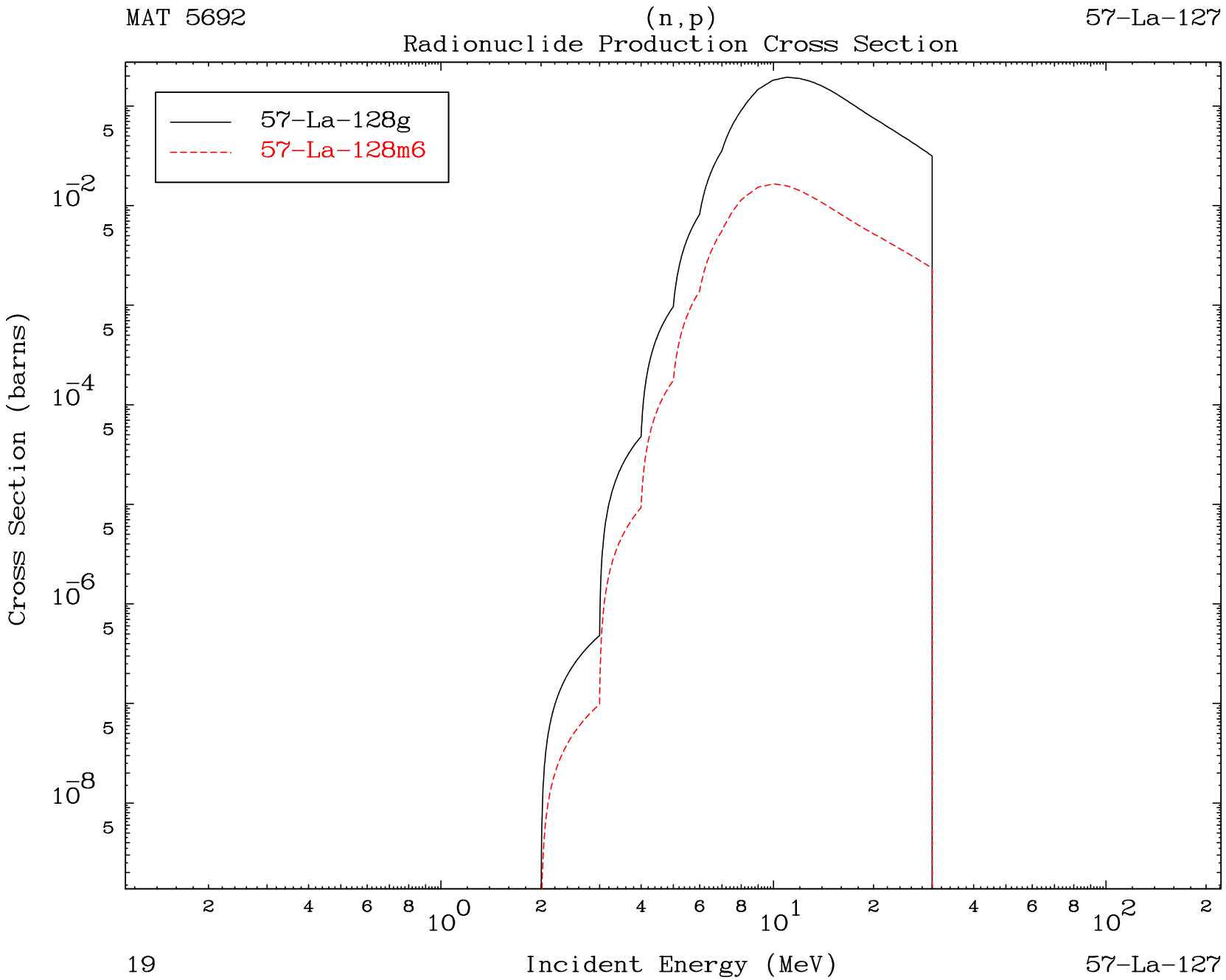

MAT 5692
(n,2n)
57-La-127
Radionuclide Production Cross Section
58-Ce-127g
58-Ce-127m1
Cross Section (barns)
Incident Energy (MeV)
14
57-La-127

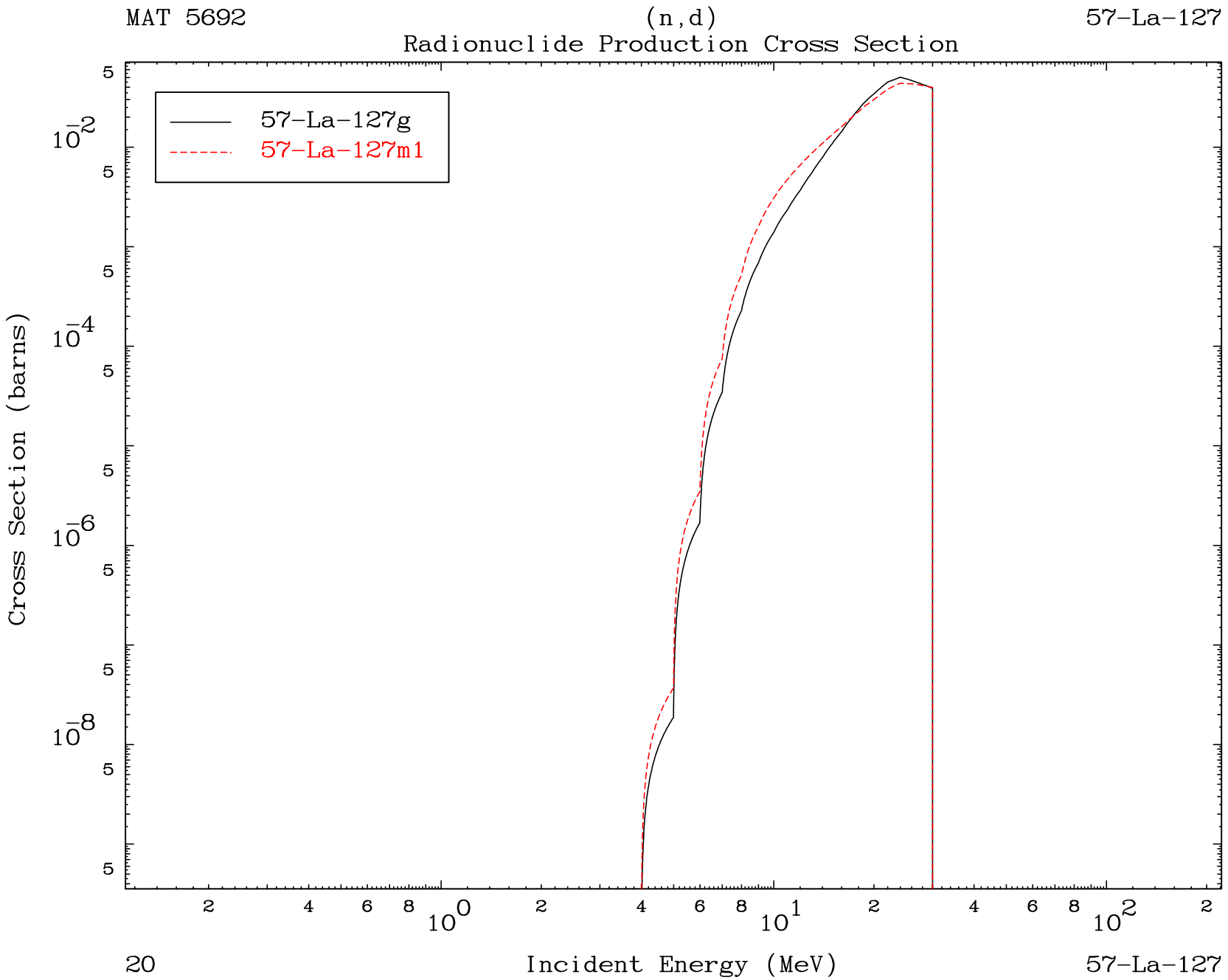

MAT 5692
(n,n') p
57-La-127
Radionuclide Production Cross Section
57-La-127g
57-La-127m1
Cross Section (barns)
Incident Energy (MeV)
15
57-La-127

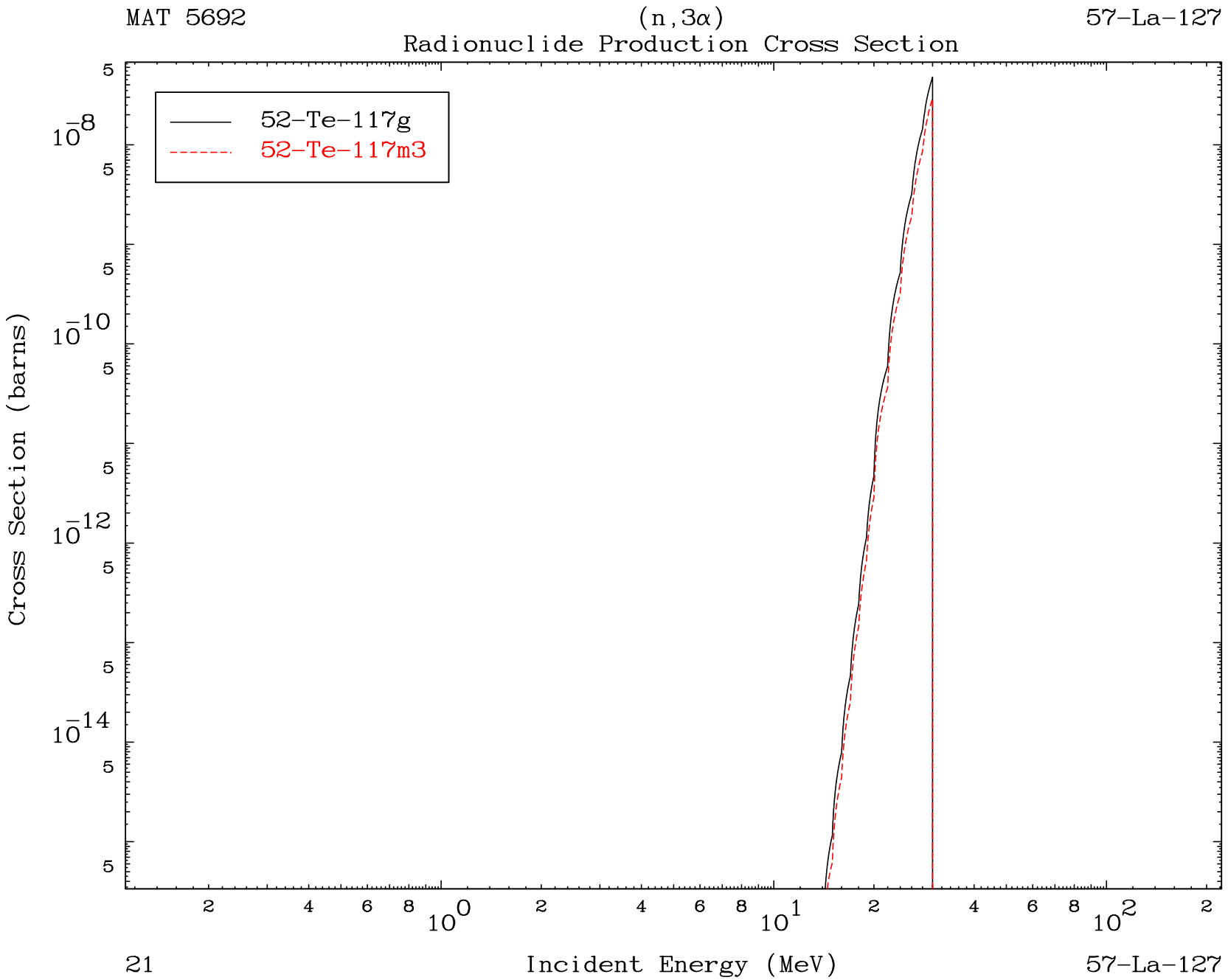

MAT 5692
(n,n') t
57-La-127
Radionuclide Production Cross Section
57-La-125g
57-La-125m1
Cross Section (barns)
Incident Energy (MeV)
16
57-La-127

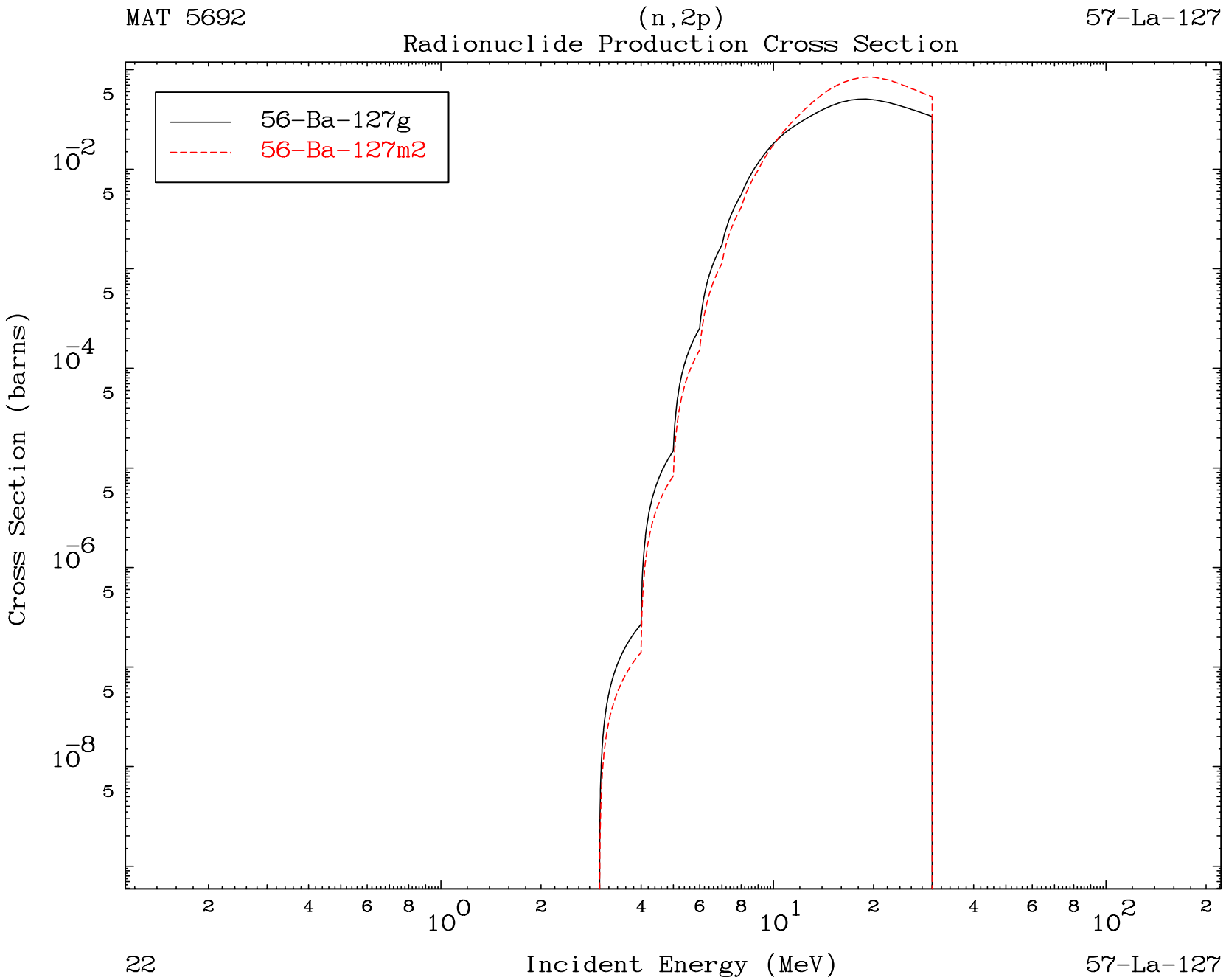

MAT 5692
(n,3n) p
57-La-127
Radionuclide Production Cross Section
57-La-125g
57-La-125m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
3
4
5
6
7
8
9
10^2
2
17
Incident Energy (MeV)
57-La-127

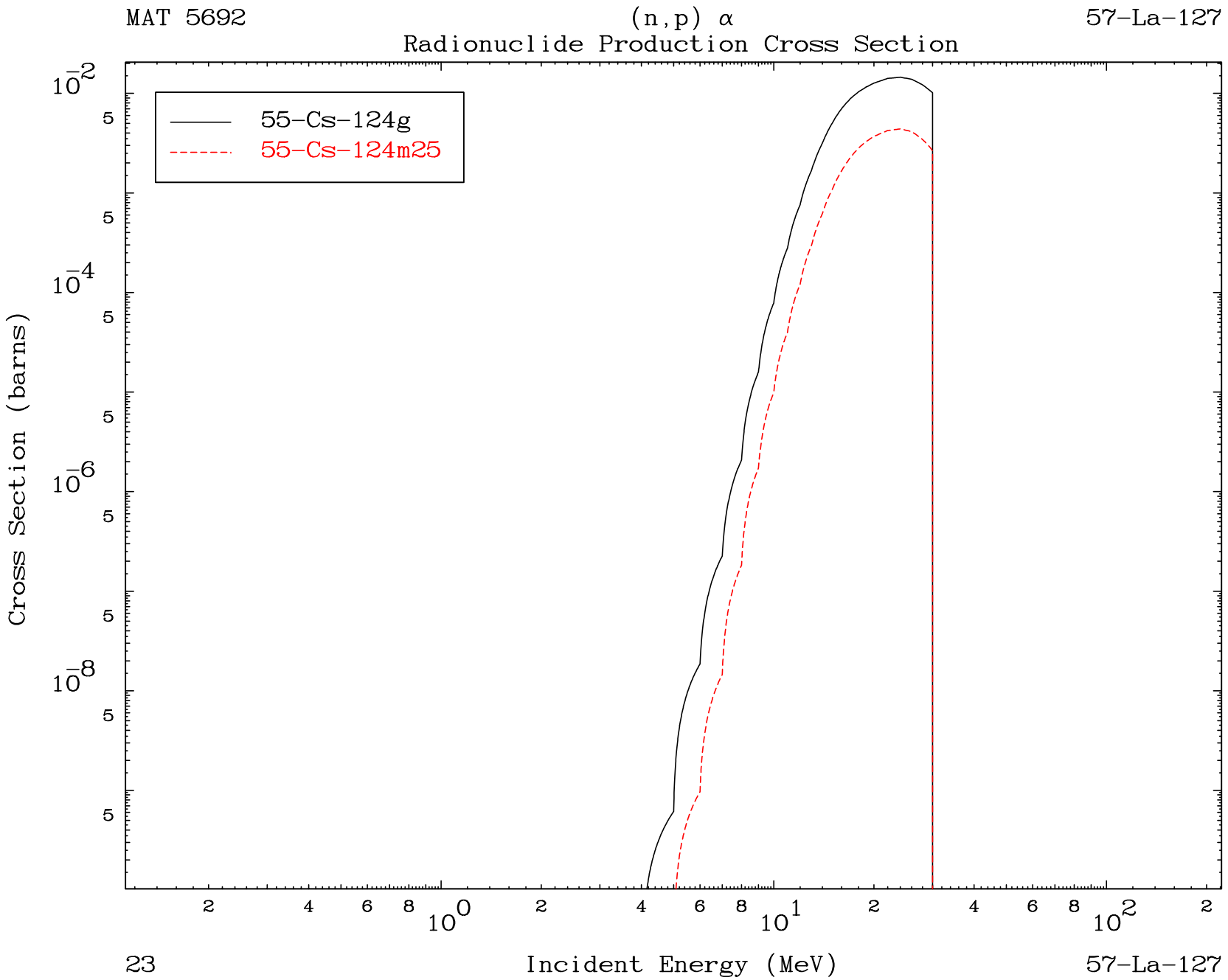

MAT 5692
(n,n') p α
57-La-127
Radionuclide Production Cross Section
55-Cs-123g
55-Cs-123m5
Cross Section (barns)
Incident Energy (MeV)
18
57-La-127

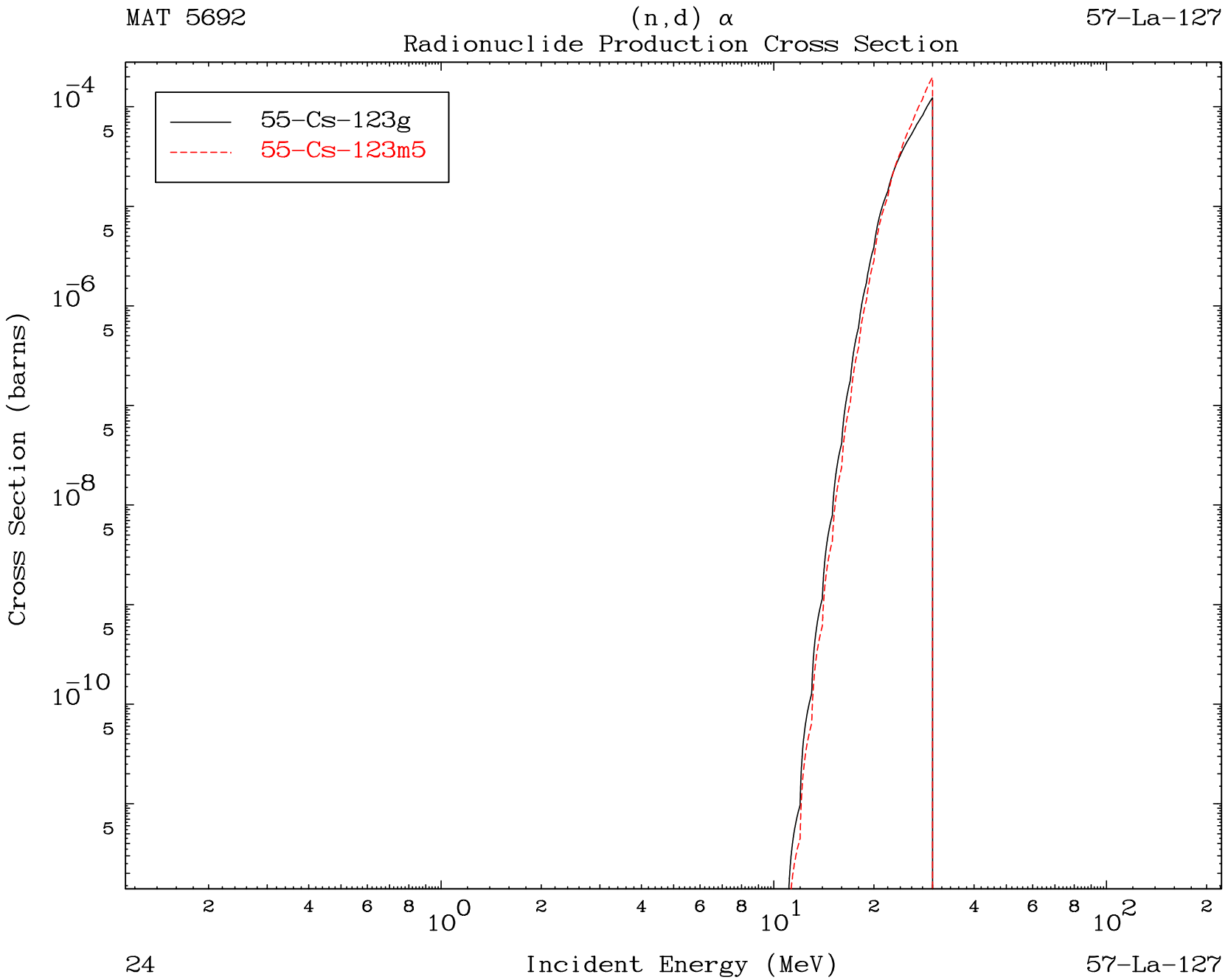

MAT 5692
(n,p)
57-La-127
Radionuclide Production Cross Section
57-La-128g
57-La-128m6
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
19
57-La-127


MAT 5692
(n,d)
57-La-127
Radionuclide Production Cross Section
57-La-127g
57-La-127m1
Cross Section (barns)
Incident Energy (MeV)
20
57-La-127


MAT 5692
(n,3α)
57-La-127
Radionuclide Production Cross Section
52-Te-117g
52-Te-117m3
Cross Section (barns)
Incident Energy (MeV)
21
57-La-127


MAT 5692
(n,2p)
57-La-127
Radionuclide Production Cross Section
56-Ba-127g
56-Ba-127m2
Cross Section (barns)
Incident Energy (MeV)
22
57-La-127


MAT 5692
(n,p) α
57-La-127
Radionuclide Production Cross Section
55-Cs-124g
55-Cs-124m25
Cross Section (barns)
Incident Energy (MeV)
23
57-La-127


MAT 5692
(n,d) α
57-La-127
Radionuclide Production Cross Section
55-Cs-123g
55-Cs-123m5
Cross Section (barns)
Incident Energy (MeV)
24
57-La-127