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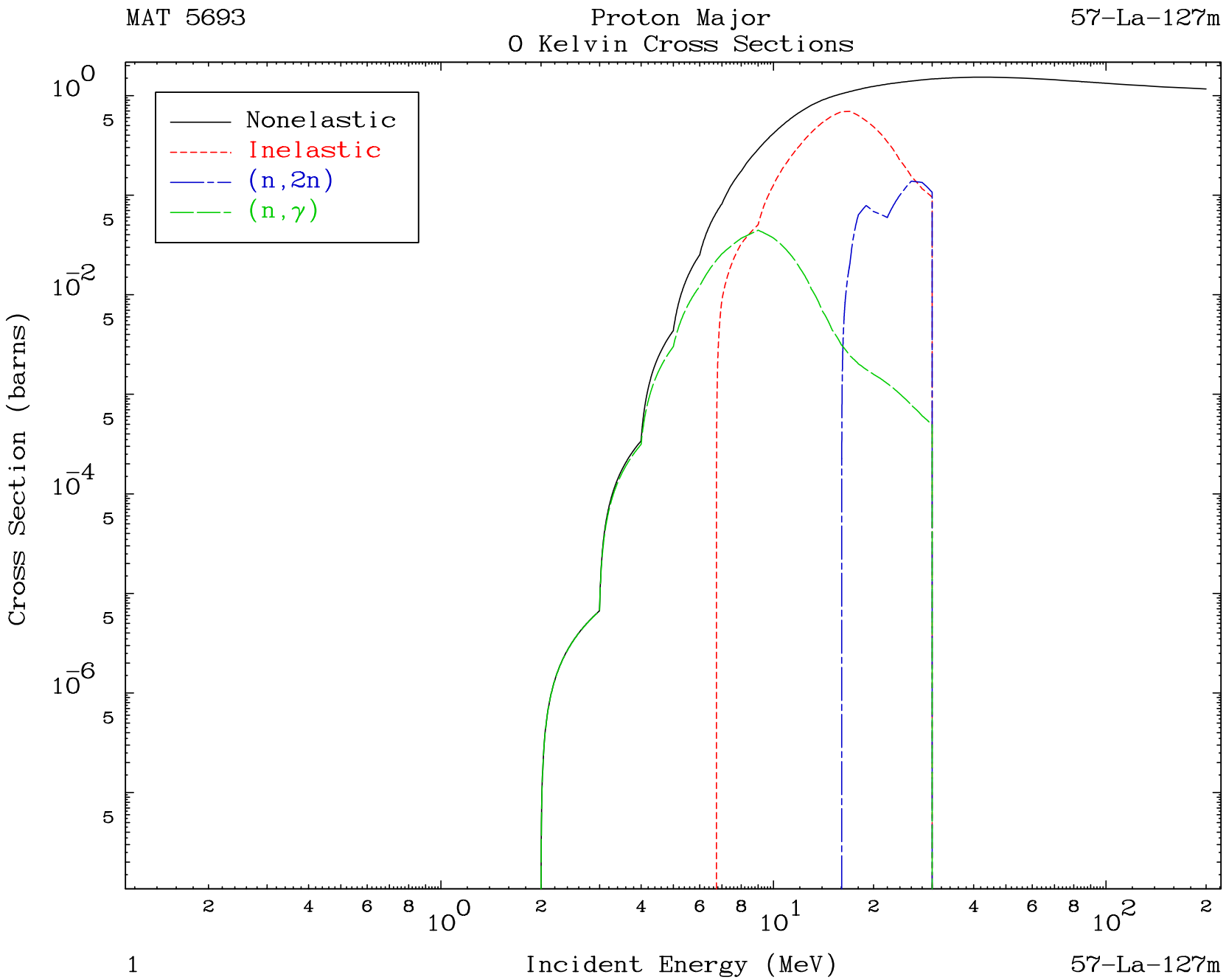
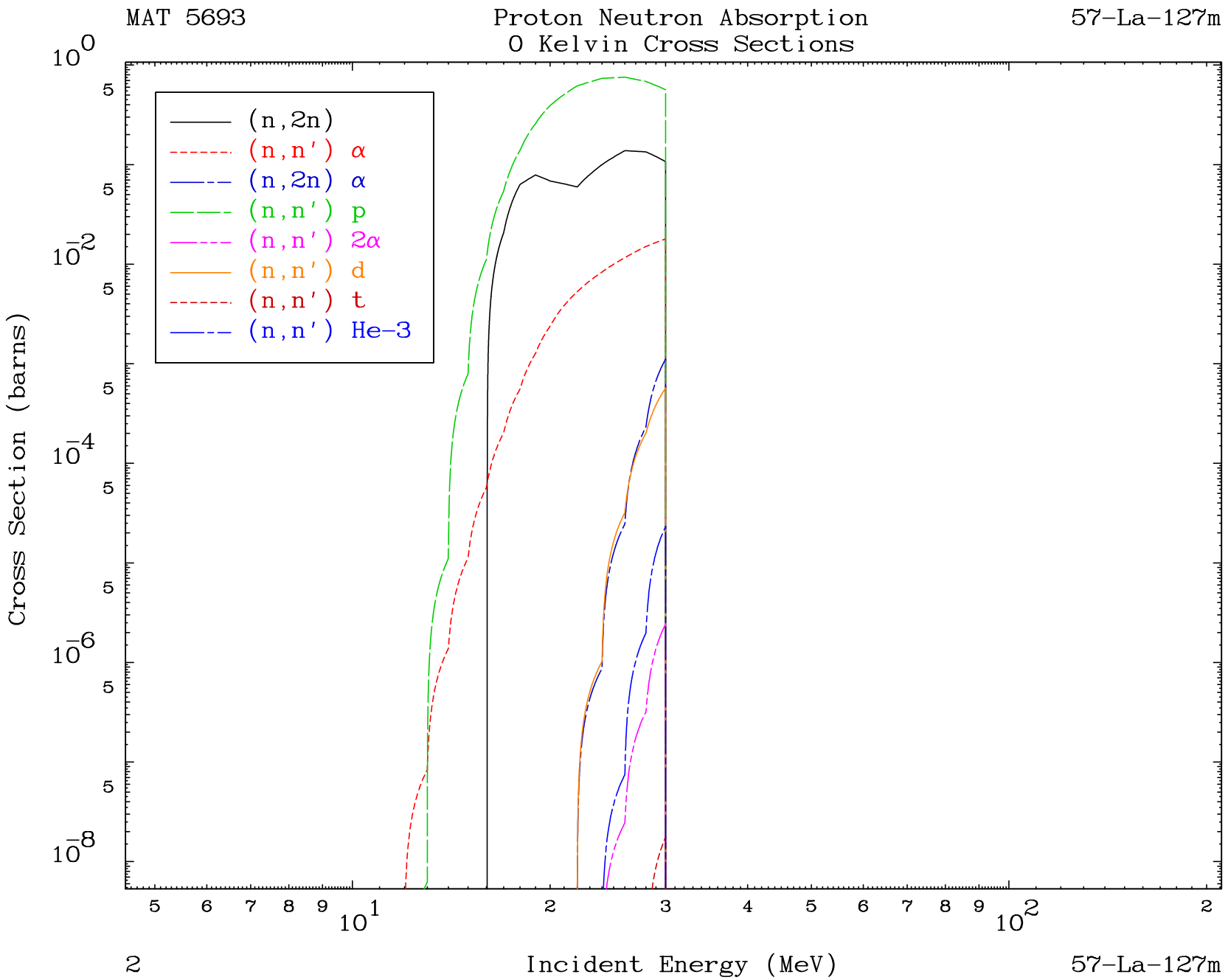
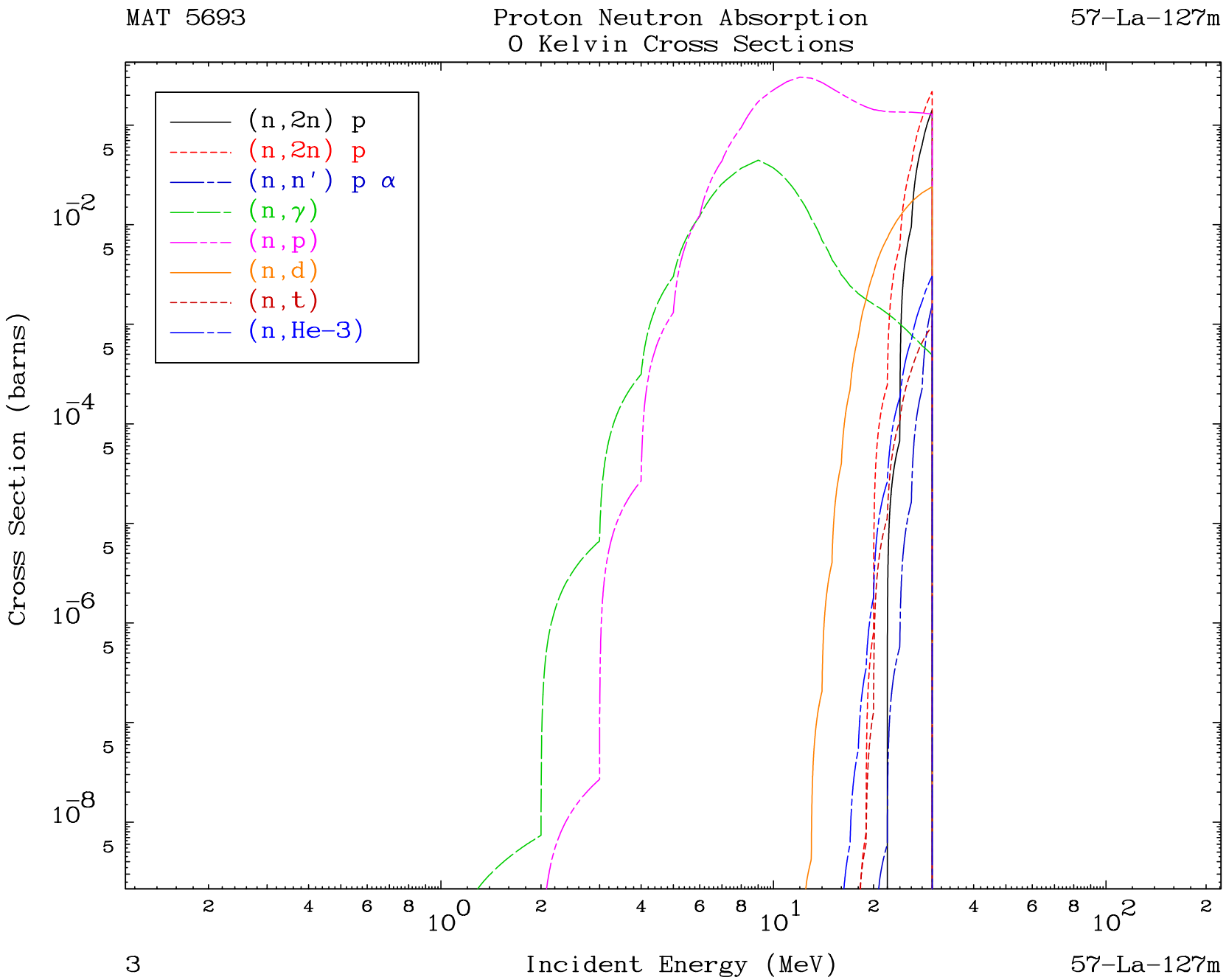
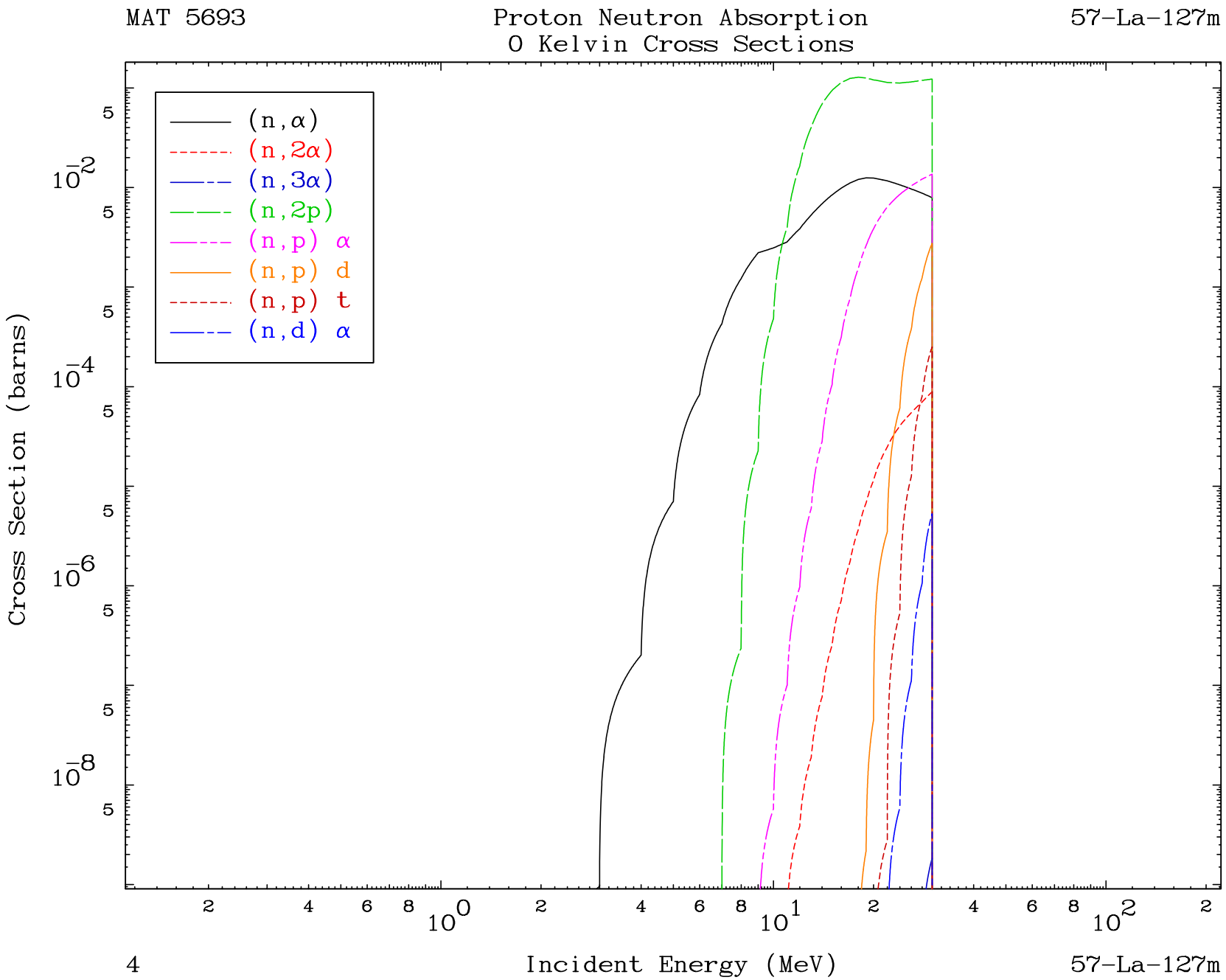
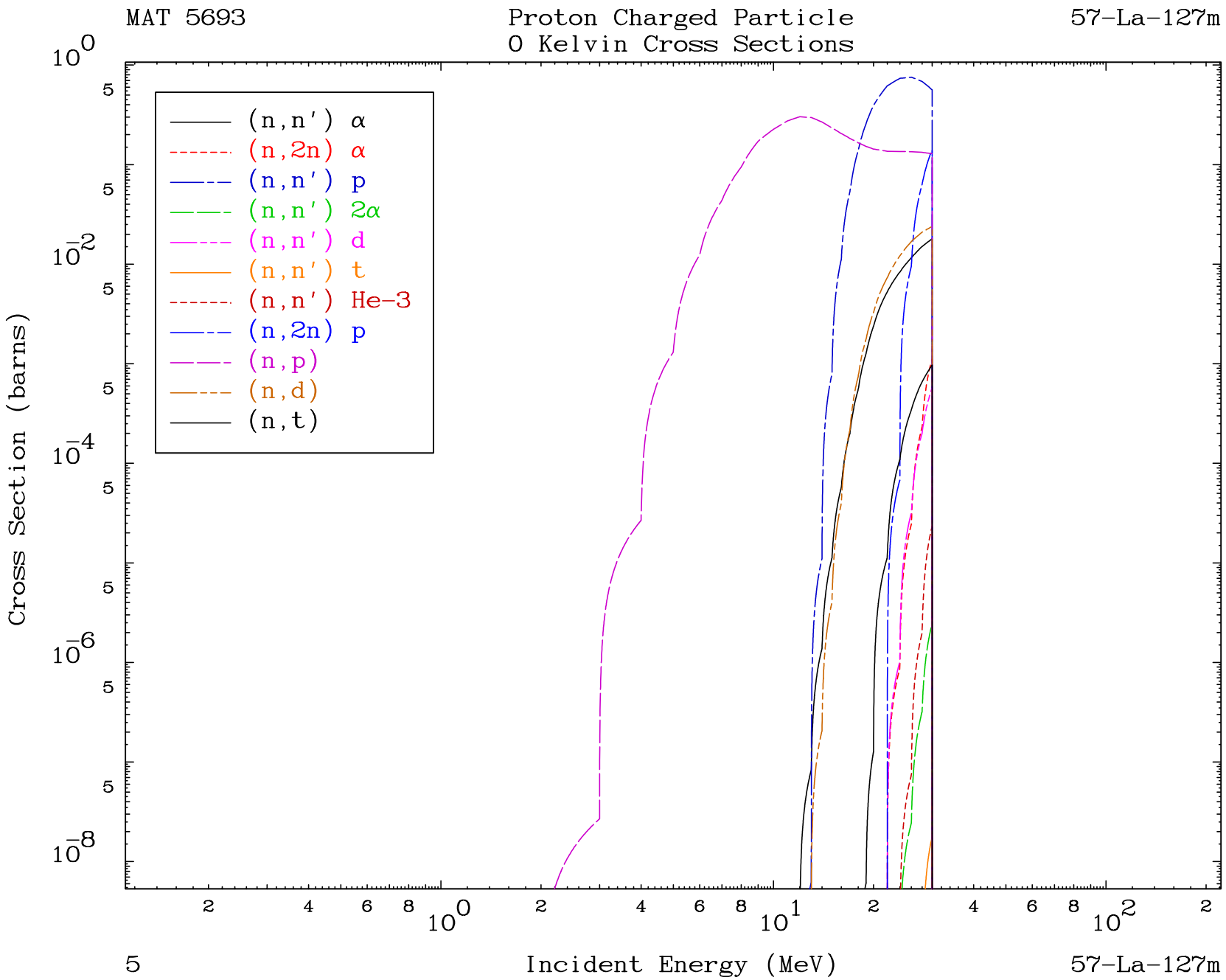
Press Mouse Button to Start

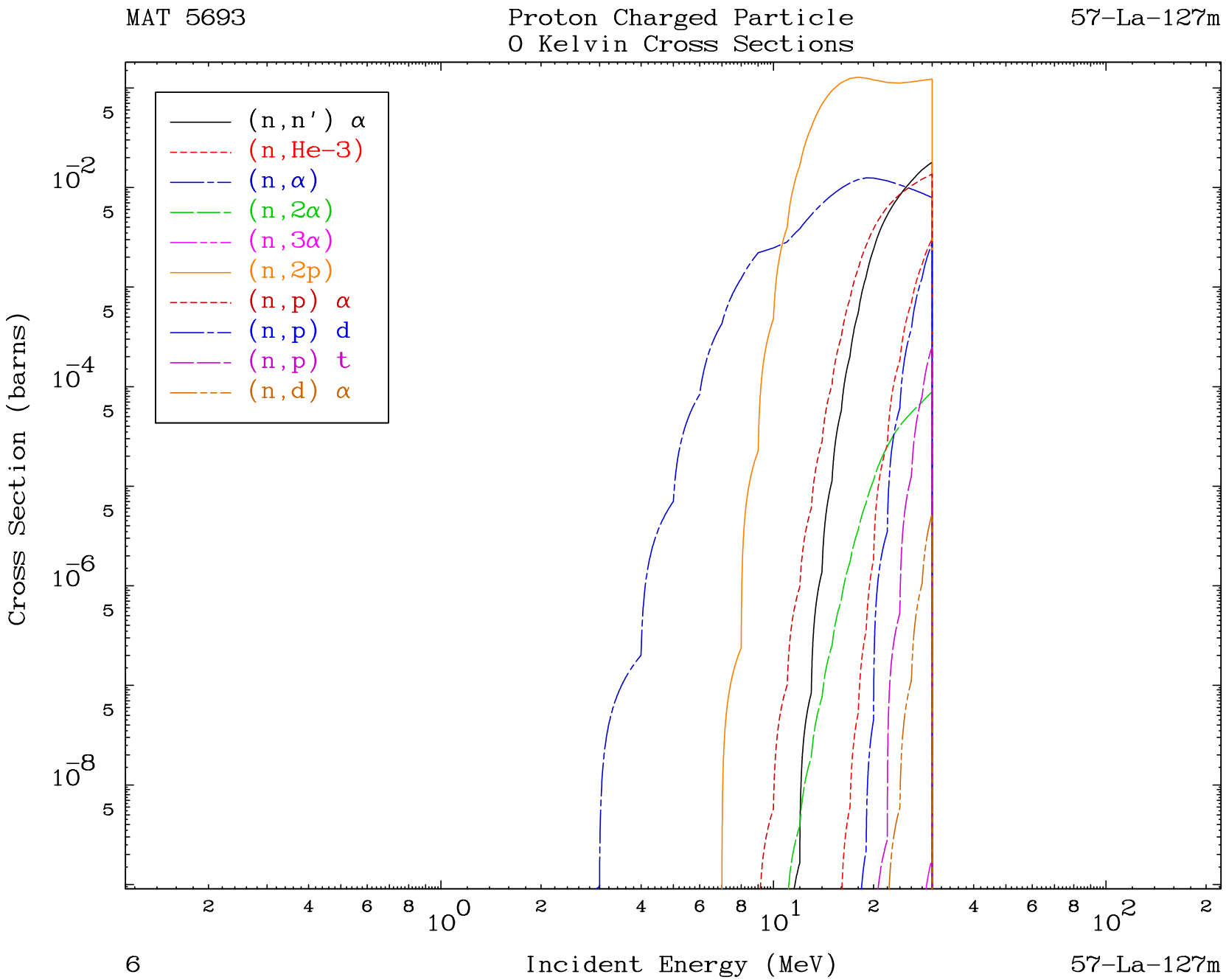

MAT 5693
Proton Major
57-La-127m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
57-La-127m
1

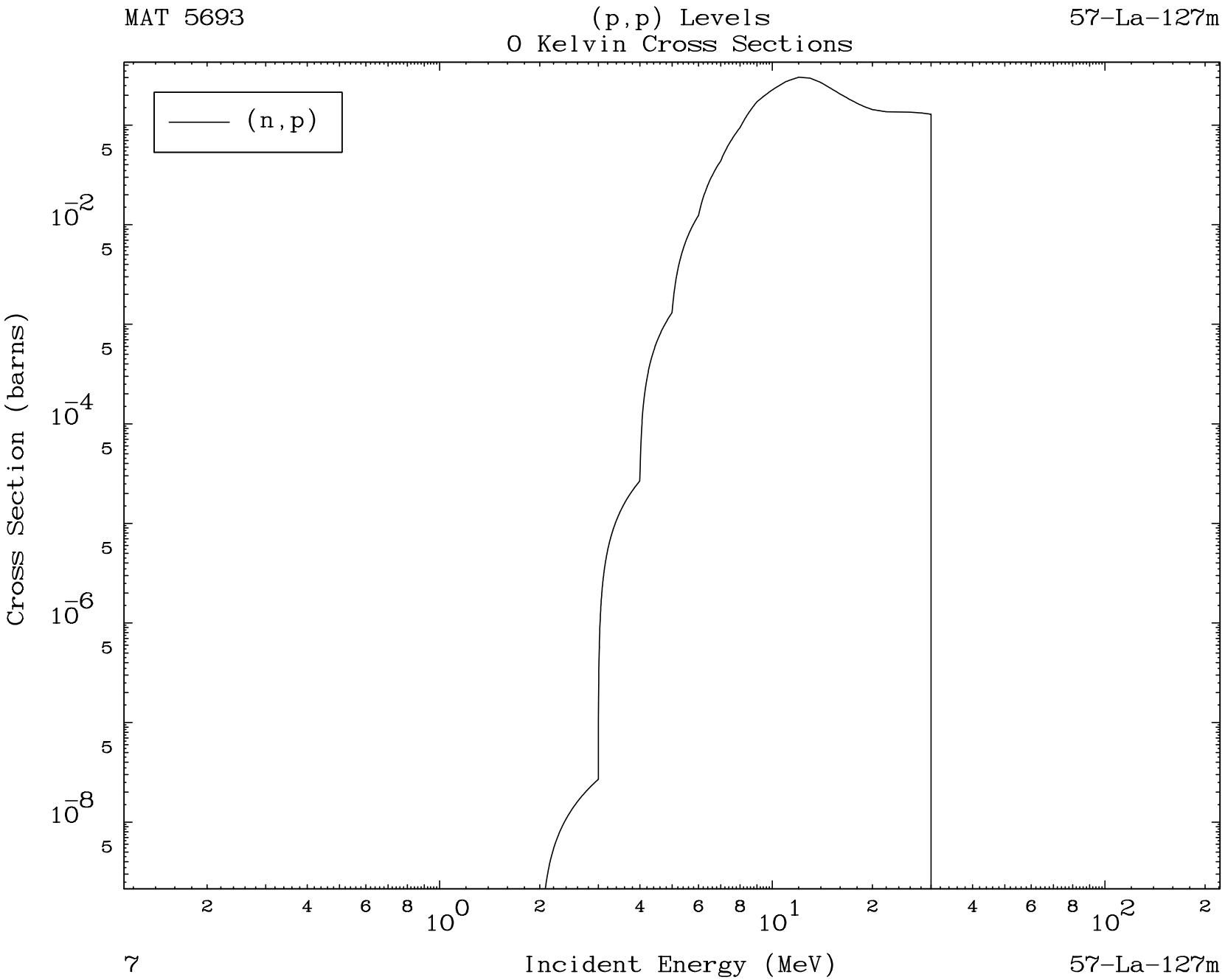

MAT 5693
Proton Neutron Absorption
0 Kelvin Cross Sections
57-La-127m
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
57-La-127m

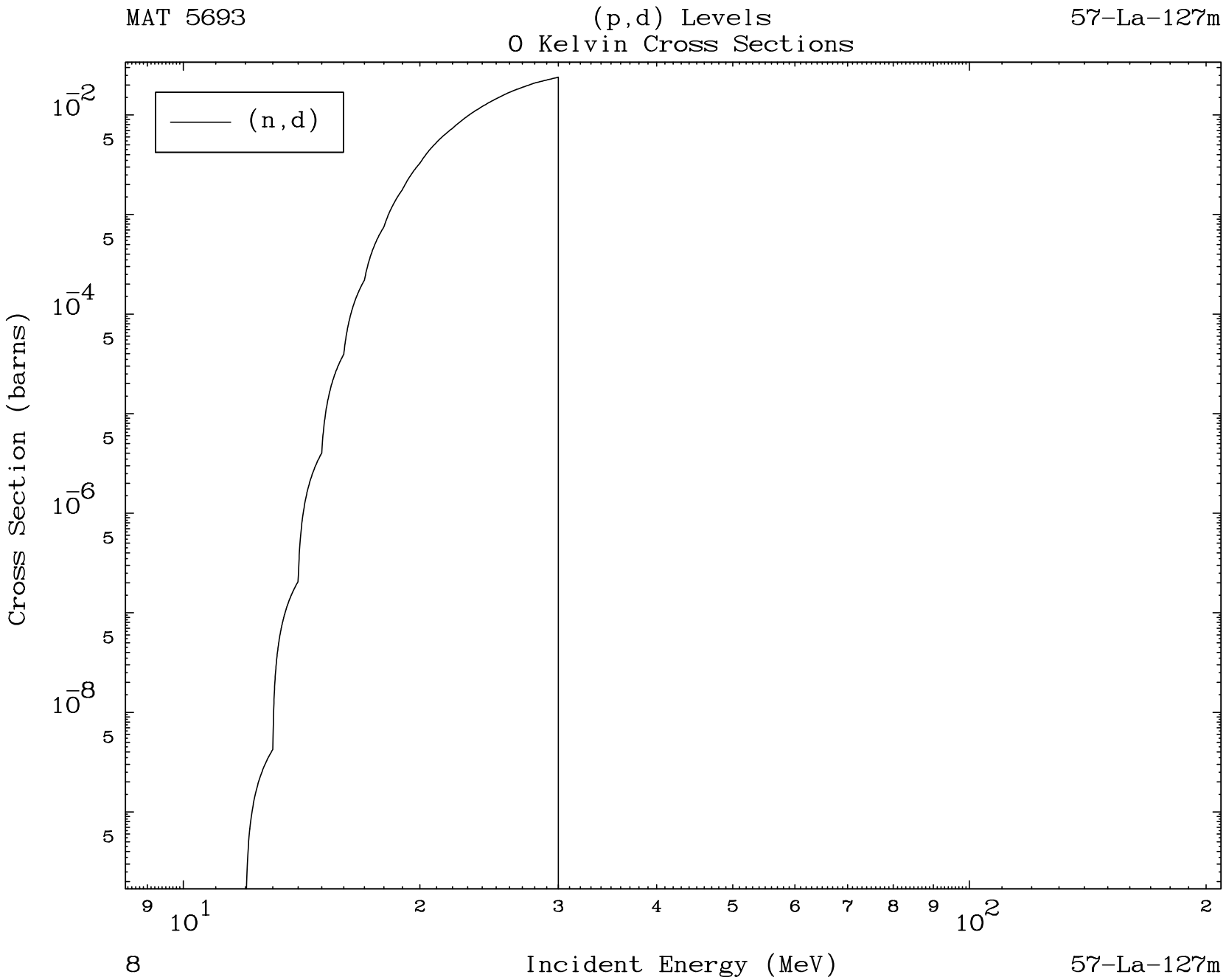

MAT 5693
Proton Neutron Absorption
0 Kelvin Cross Sections
57-La-127m
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
57-La-127m


MAT 5693
Proton Neutron Absorption
0 Kelvin Cross Sections
57-La-127m
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
57-La-127m

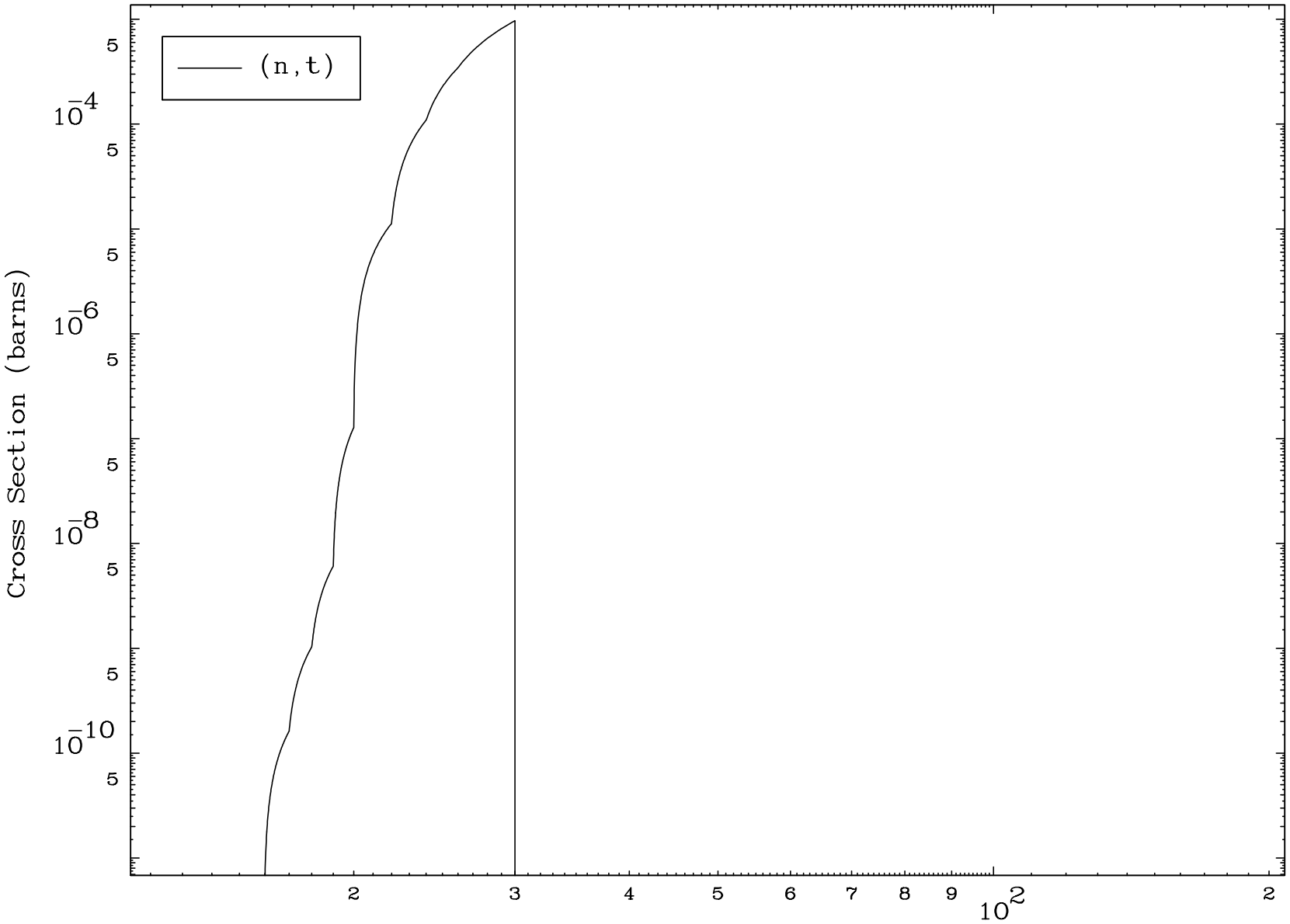

MAT 5693
Proton Charged Particle
0 Kelvin Cross Sections
57-La-127m
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
57-La-127m

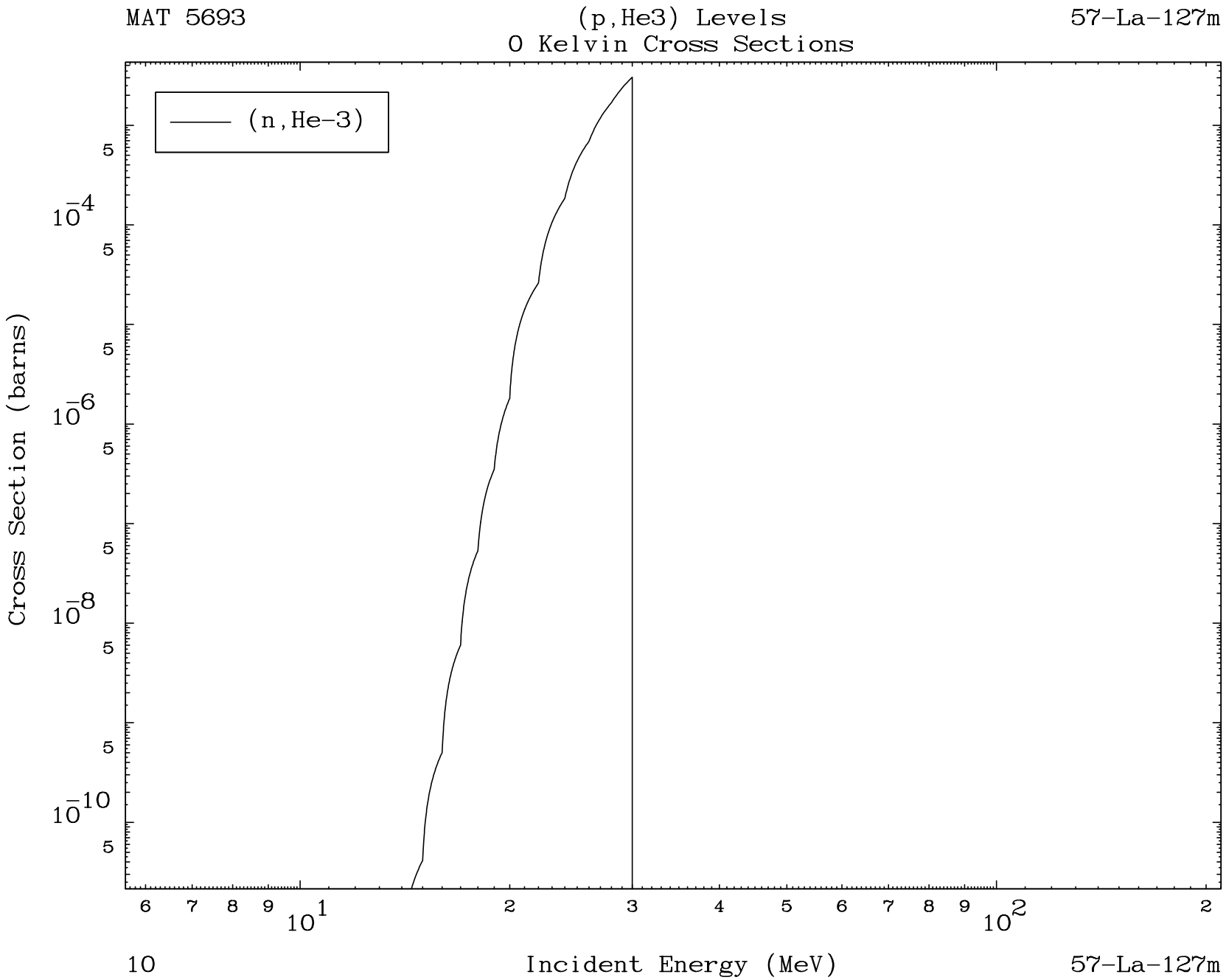

MAT 5693
Proton Charged Particle
0 Kelvin Cross Sections
57-La-127m
(n,n') α
(n,He-3)
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
57-La-127m

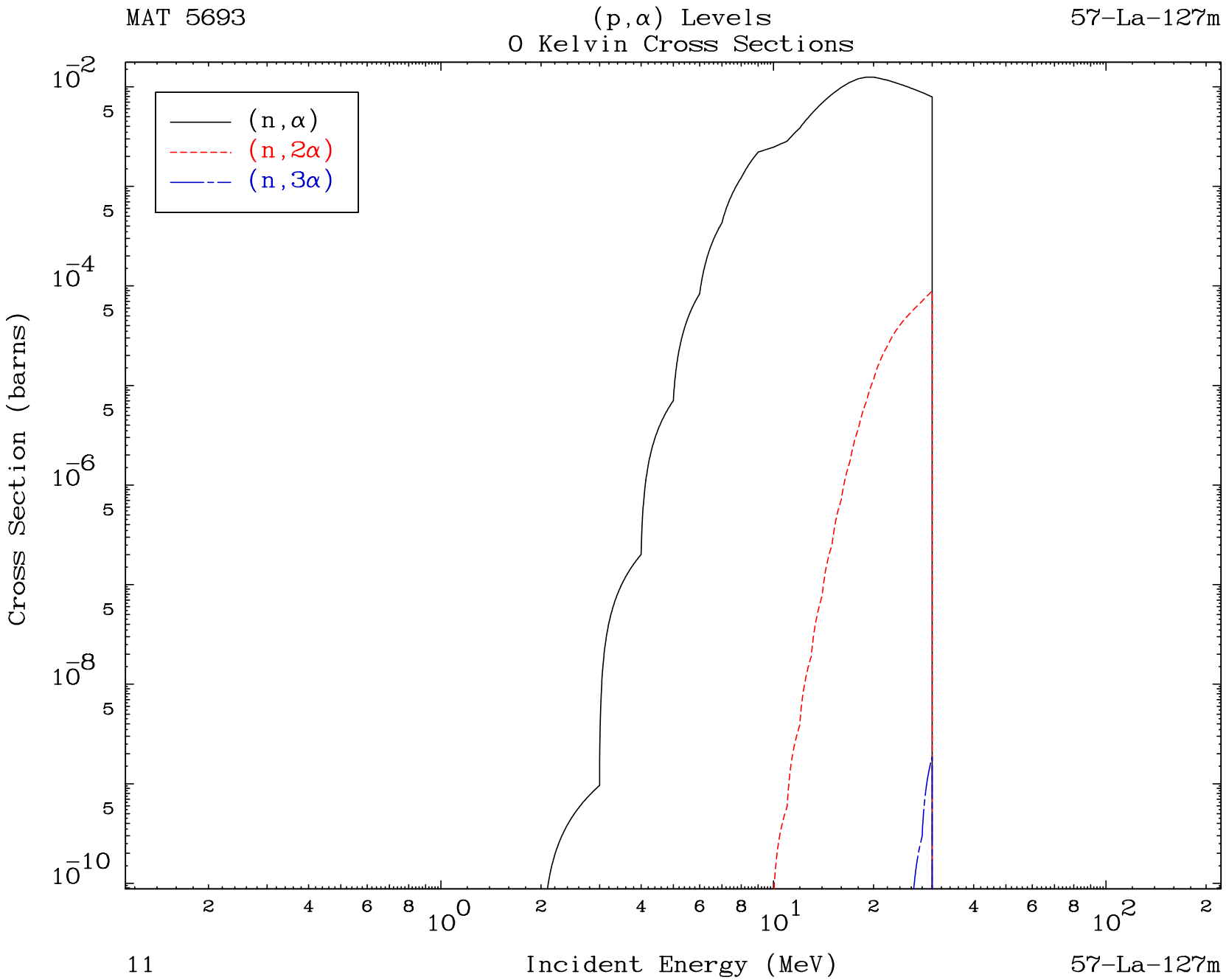

MAT 5693
(p,p) Levels
57-La-127m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
57-La-127m

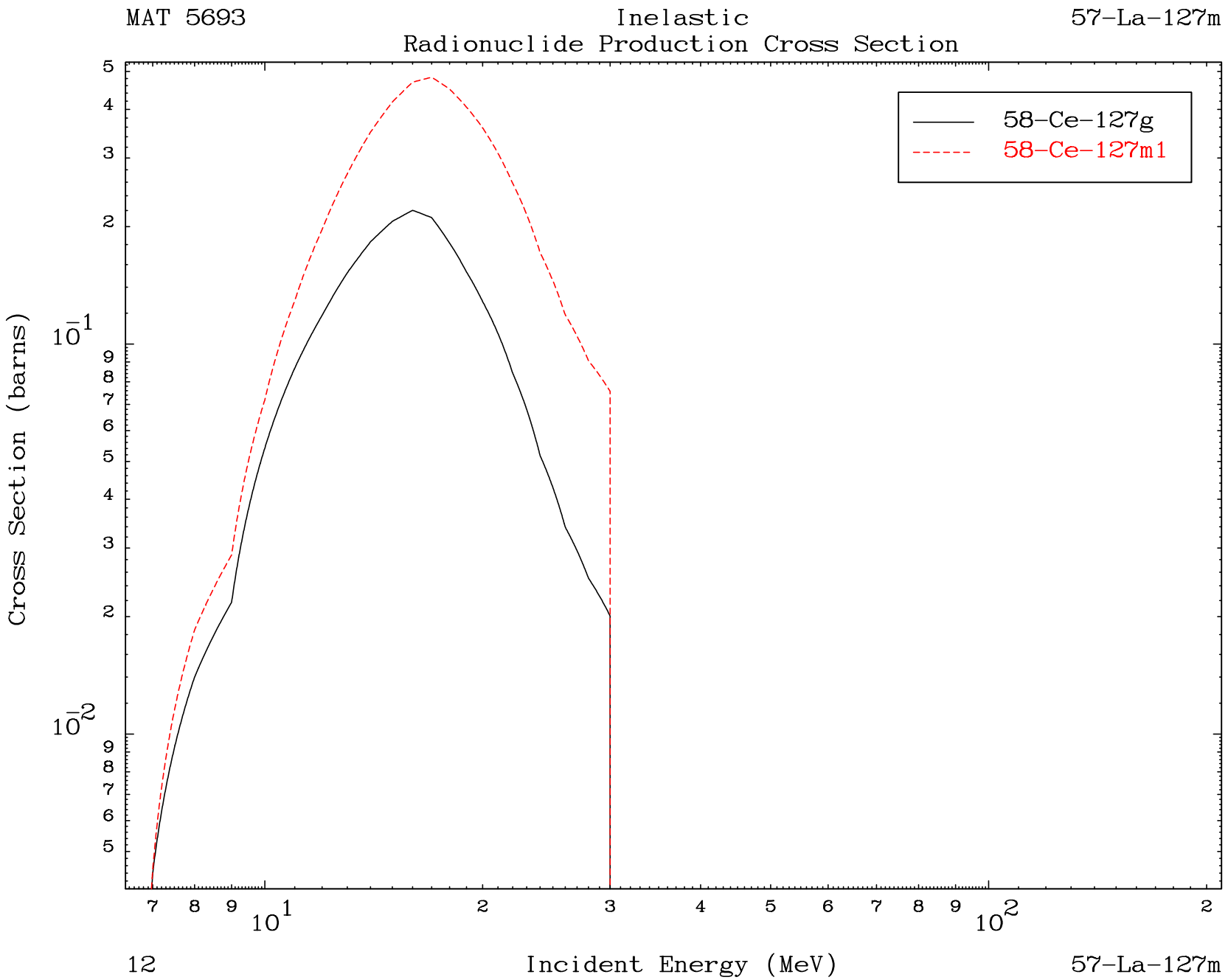

MAT 5693
(p,d) Levels
57-La-127m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
Incident Energy (MeV)
10 1
10 2
57-La-127m

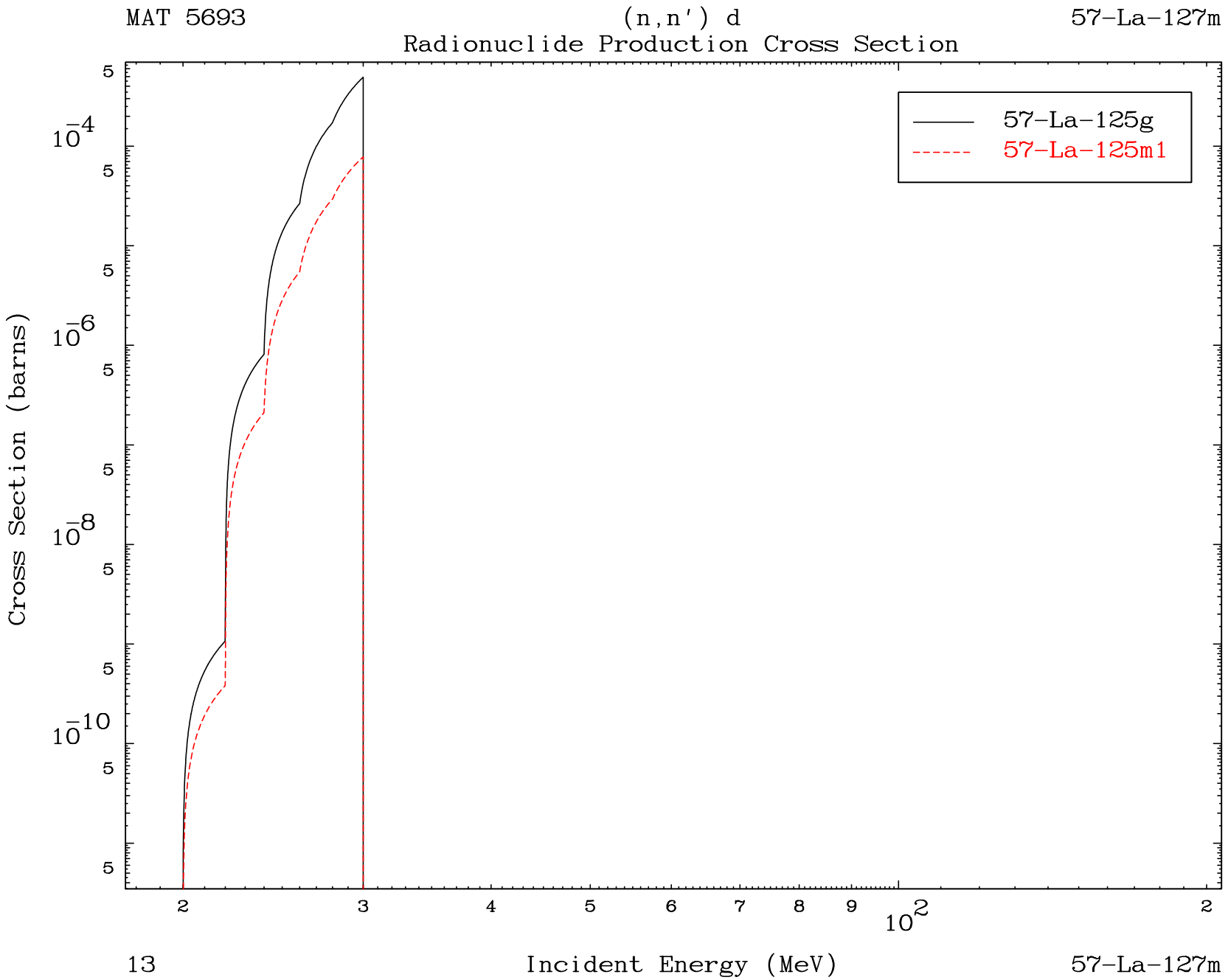
0 Kelvin Cross Sections

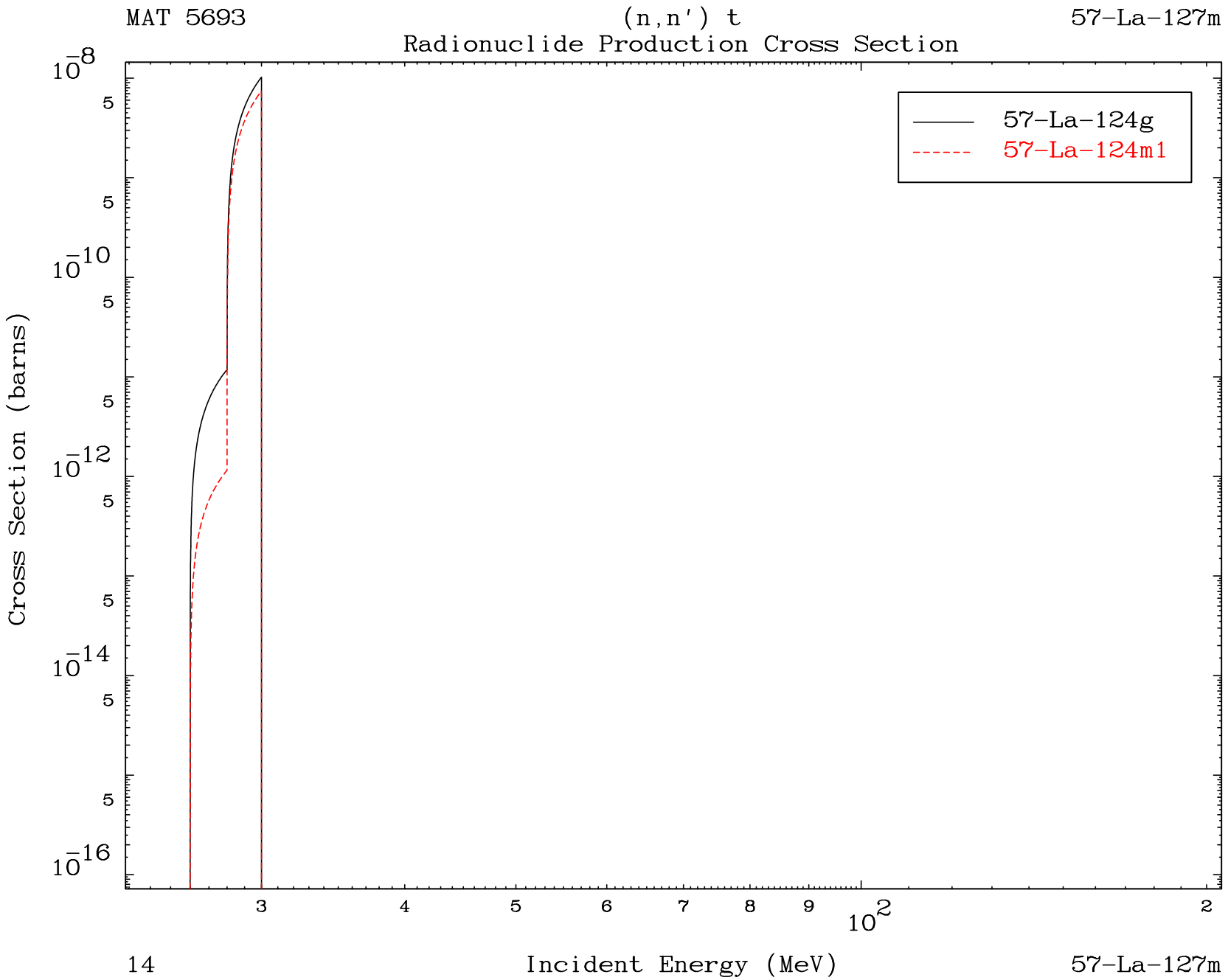


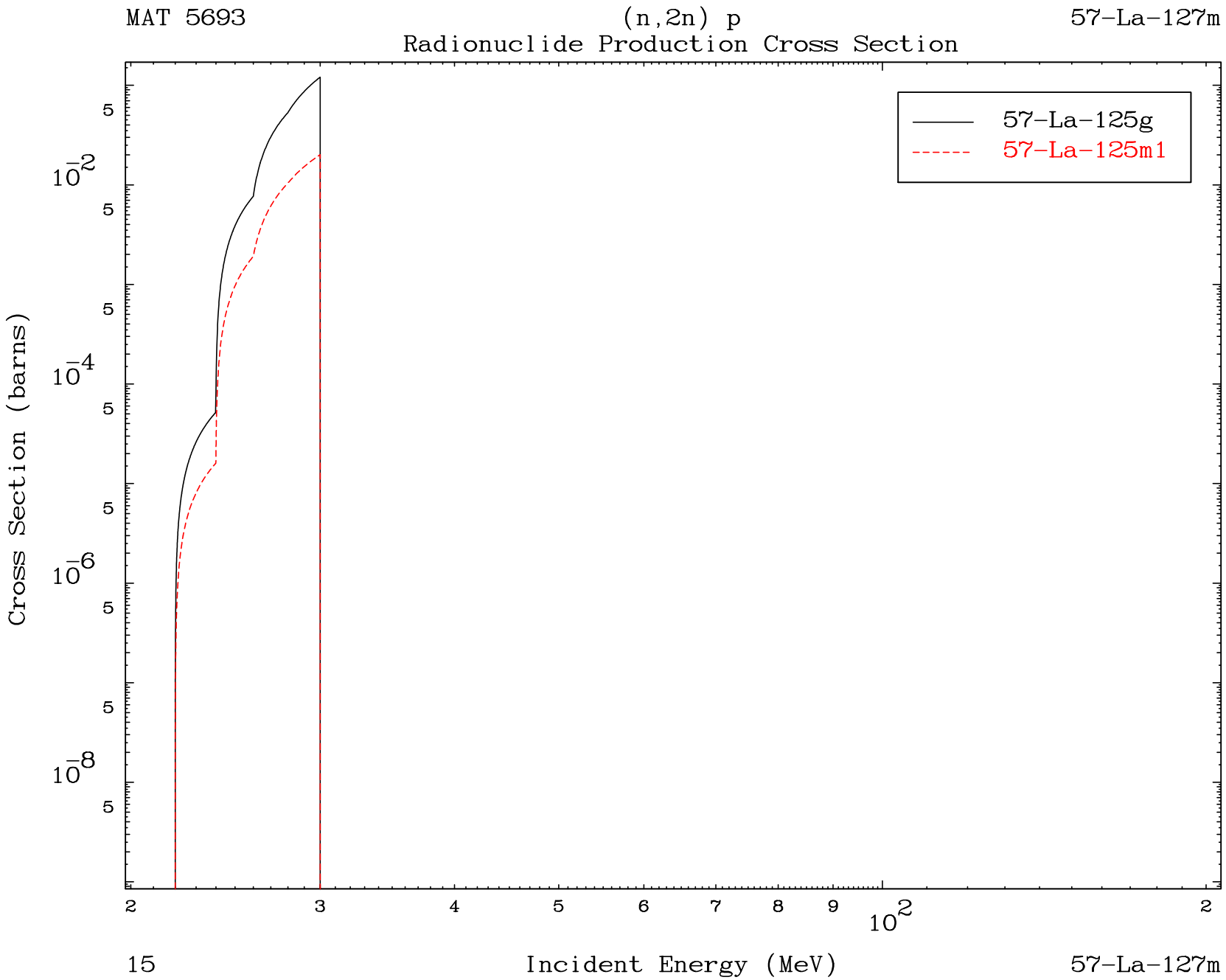

MAT 5693
(p,He3) Levels
57-La-127m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
10
Incident Energy (MeV)
57-La-127m

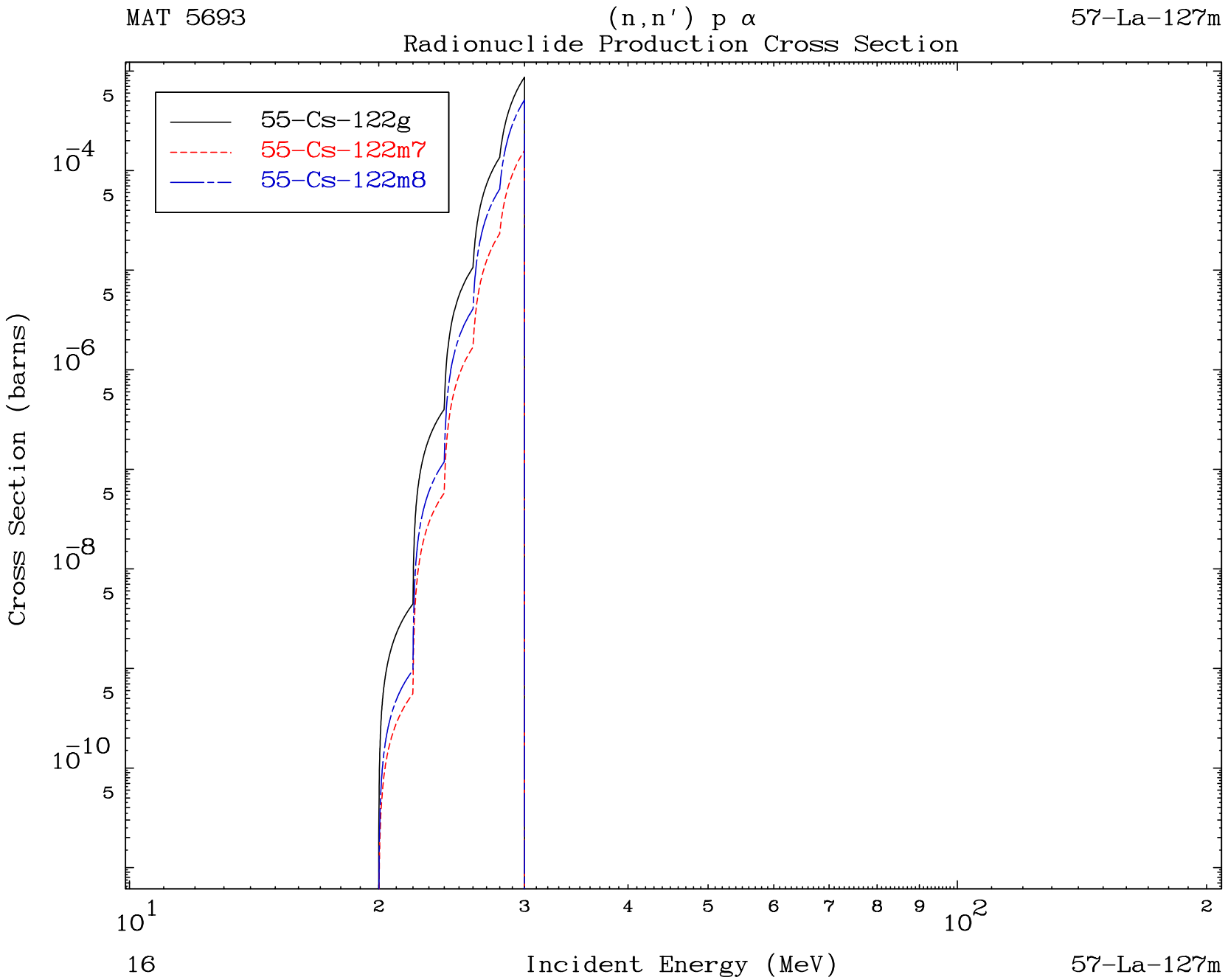

MAT 5693
(p,α) Levels
57-La-127m
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
11
57-La-127m

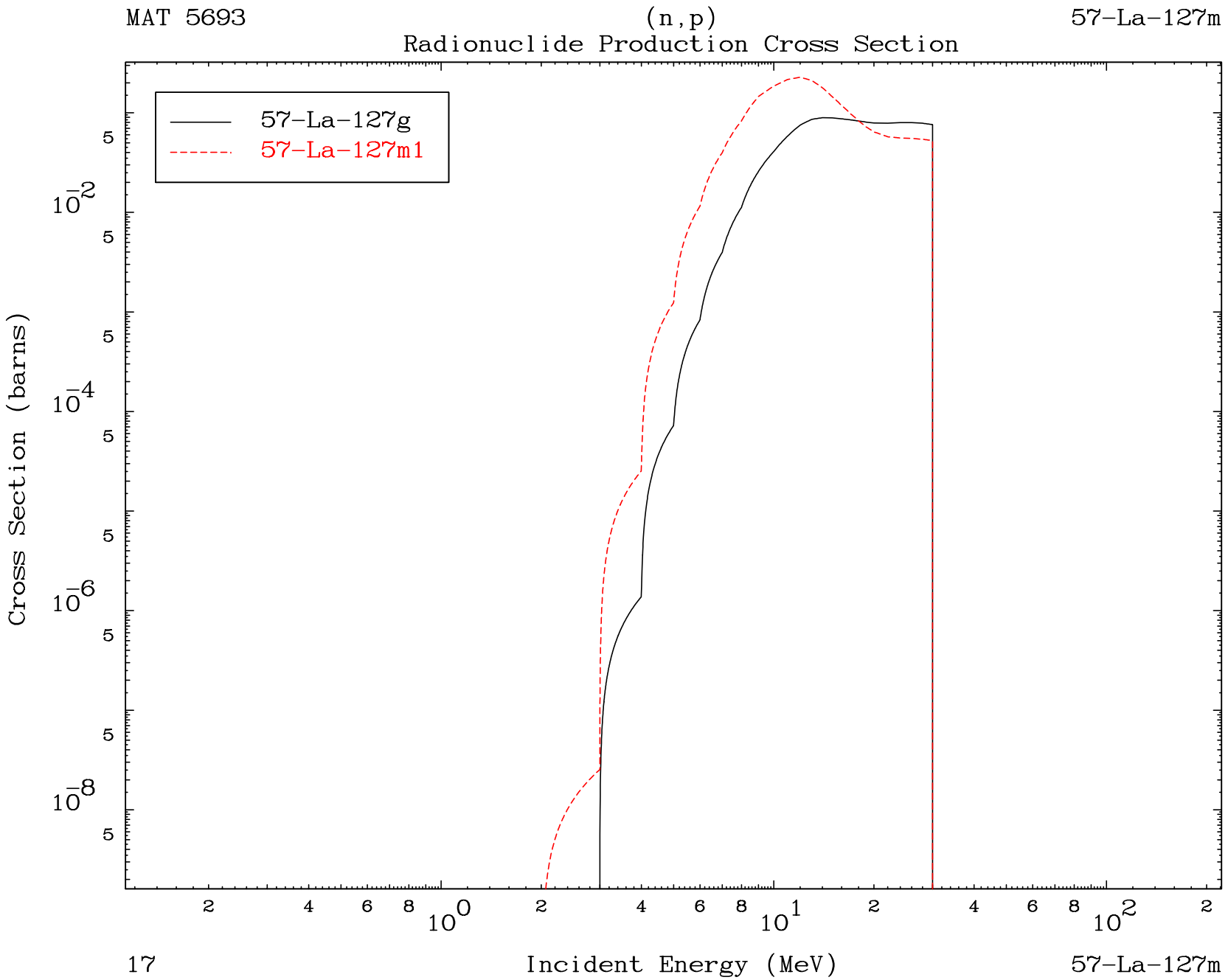

MAT 5693
Inelastic
57-La-127m
Radionuclide Production Cross Section
58-Ce-127g
58-Ce-127m1
Cross Section (barns)
Incident Energy (MeV)
12
57-La-127m

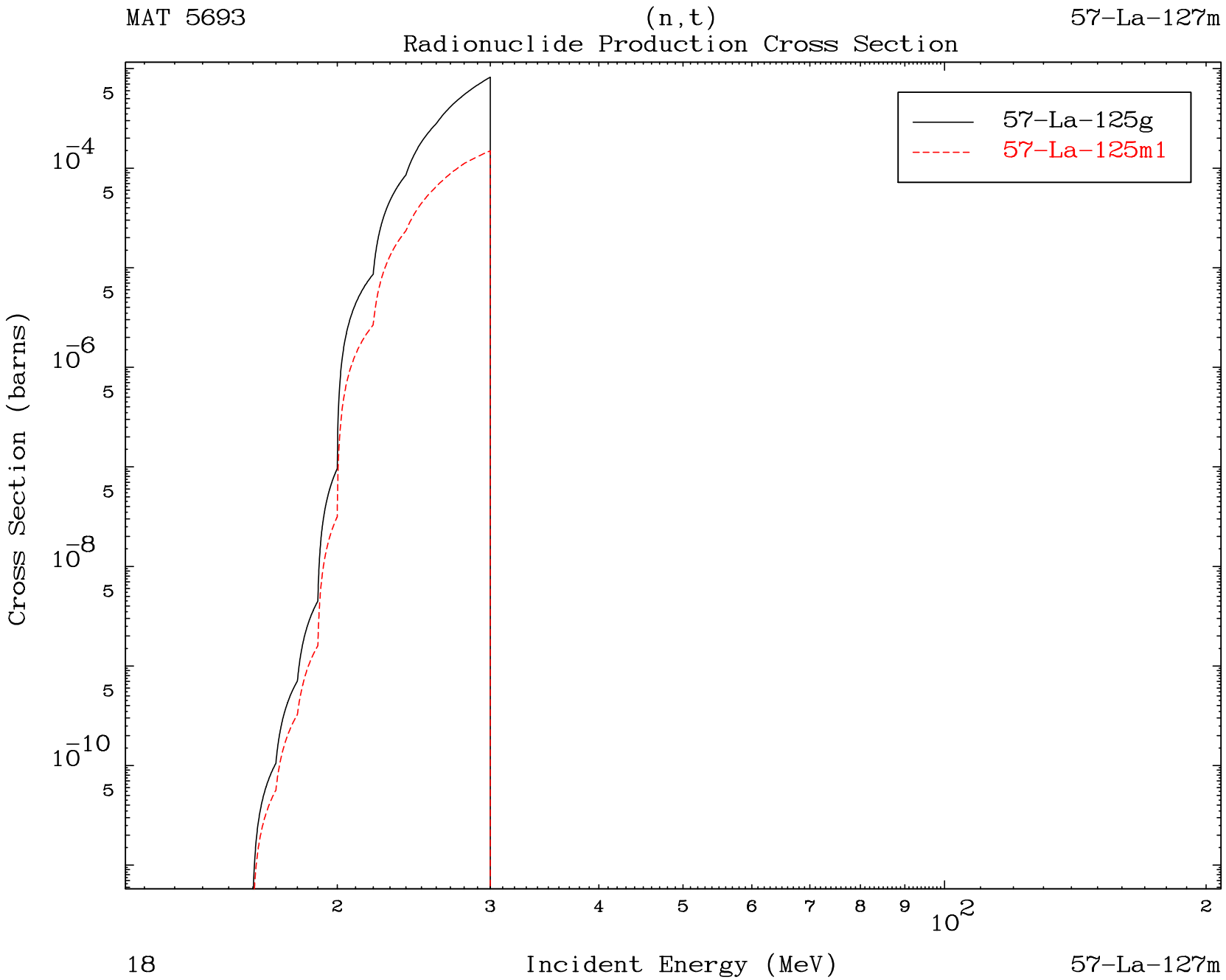

MAT 5693
(n,n') d
57-La-127m
Radionuclide Production Cross Section
57-La-125g
57-La-125m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
2
3
4
5
6
7
8
9
10 2
13
57-La-127m

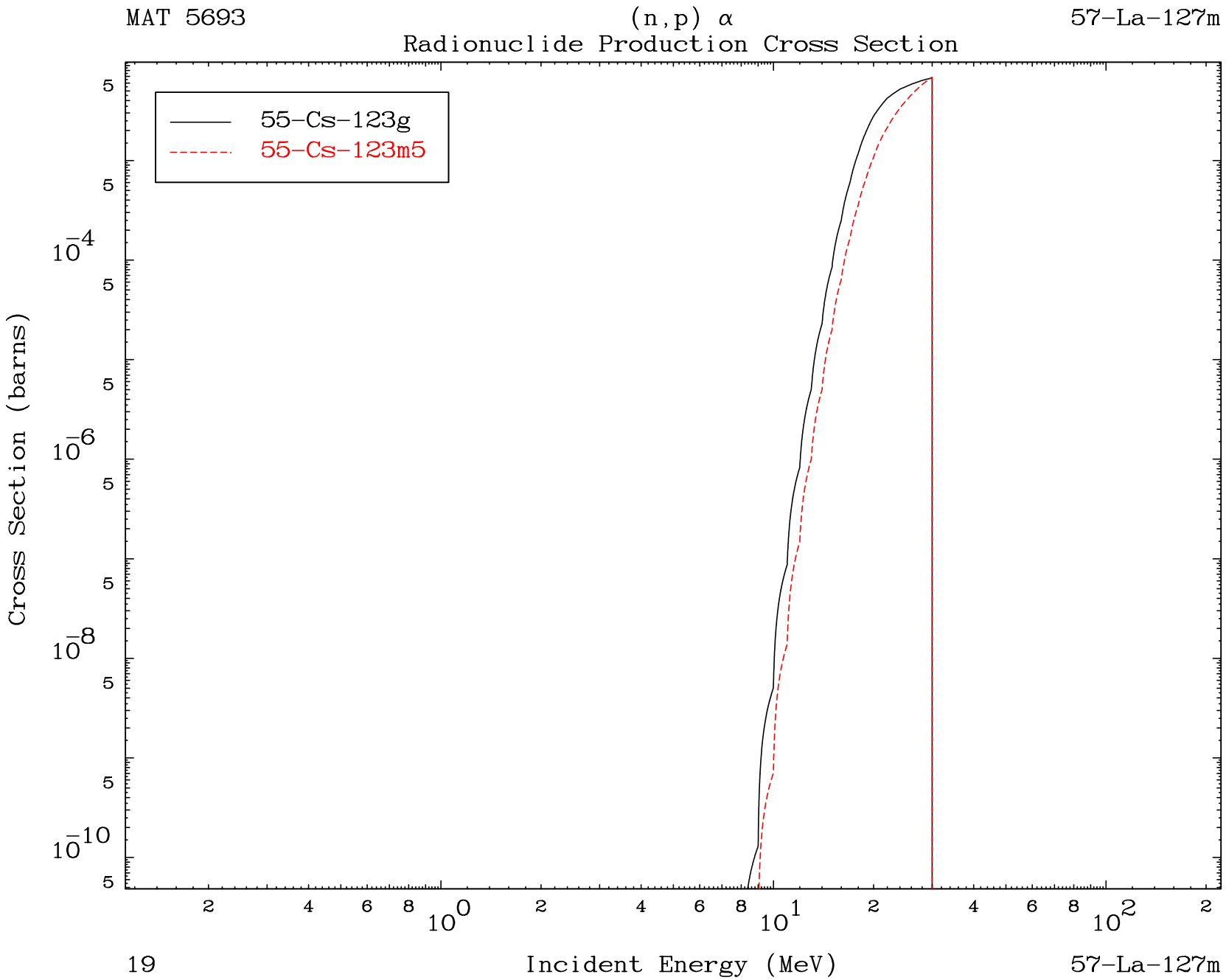

MAT 5693
(n,n') t
57-La-127m
Radionuclide Production Cross Section
57-La-124g
57-La-124m1
Cross Section (barns)
Incident Energy (MeV)
14
57-La-127m

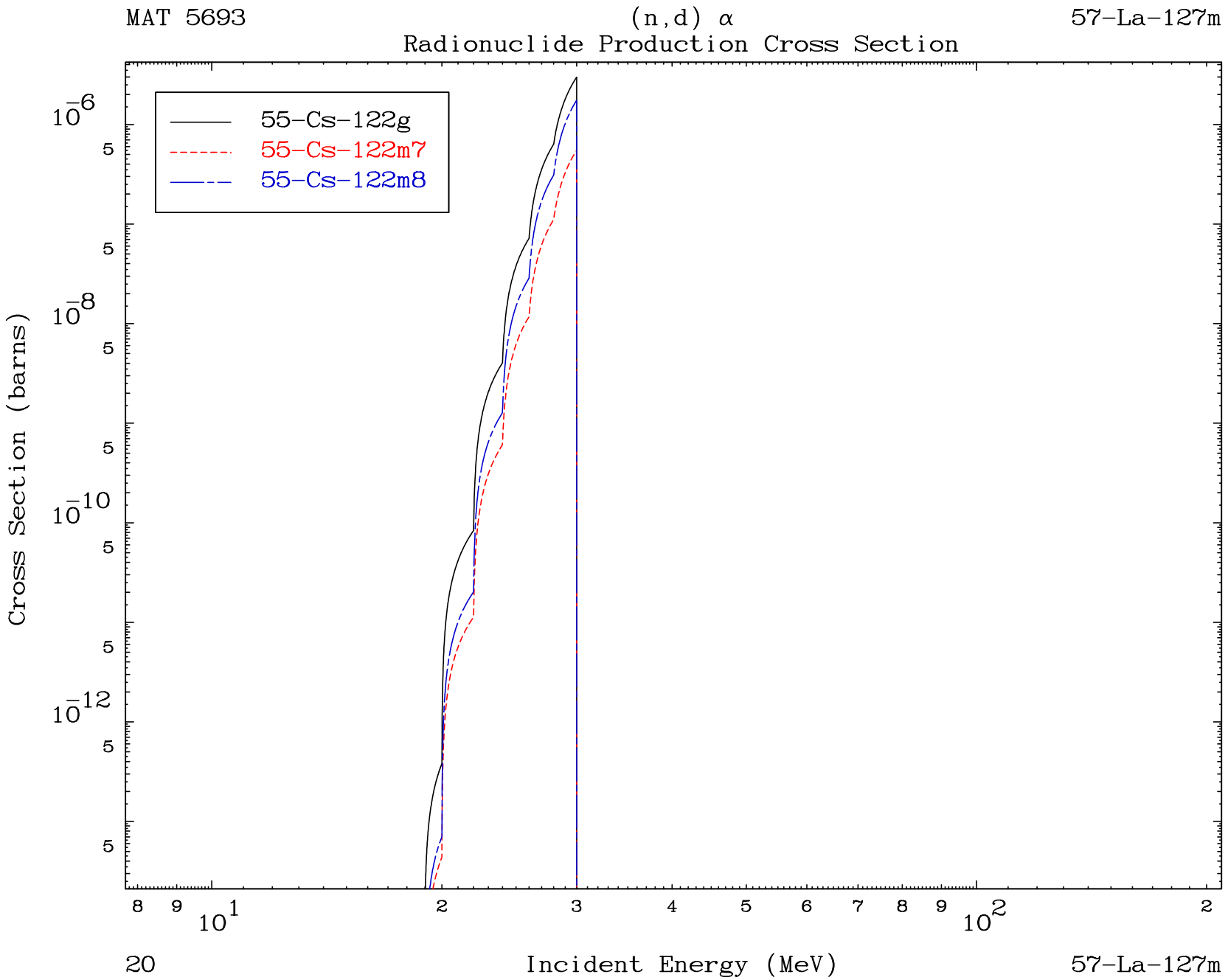

MAT 5693
(n,2n) p
57-La-127m
Radionuclide Production Cross Section
57-La-125g
57-La-125m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
57-La-127m


MAT 5693
(n,n') p α
57-La-127m
Radionuclide Production Cross Section
55-Cs-122g
55-Cs-122m7
55-Cs-122m8
Cross Section (barns)
Incident Energy (MeV)
57-La-127m
16


MAT 5693
(n,p)
57-La-127m
Radionuclide Production Cross Section
57-La-127g
57-La-127m1
Cross Section (barns)
Incident Energy (MeV)
17
57-La-127m


MAT 5693
(n,t)
57-La-127m
Radionuclide Production Cross Section
57-La-125g
57-La-125m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
18
Incident Energy (MeV)
57-La-127m


MAT 5693
(n,p) α
57-La-127m
Radionuclide Production Cross Section
55-Cs-123g
55-Cs-123m5
Cross Section (barns)
Incident Energy (MeV)
19
57-La-127m


MAT 5693
(n,d) α
57-La-127m
Radionuclide Production Cross Section
55-Cs-122g
55-Cs-122m7
55-Cs-122m8
Cross Section (barns)
10-6
10-8
10-10
10-12
5
8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
20
57-La-127m