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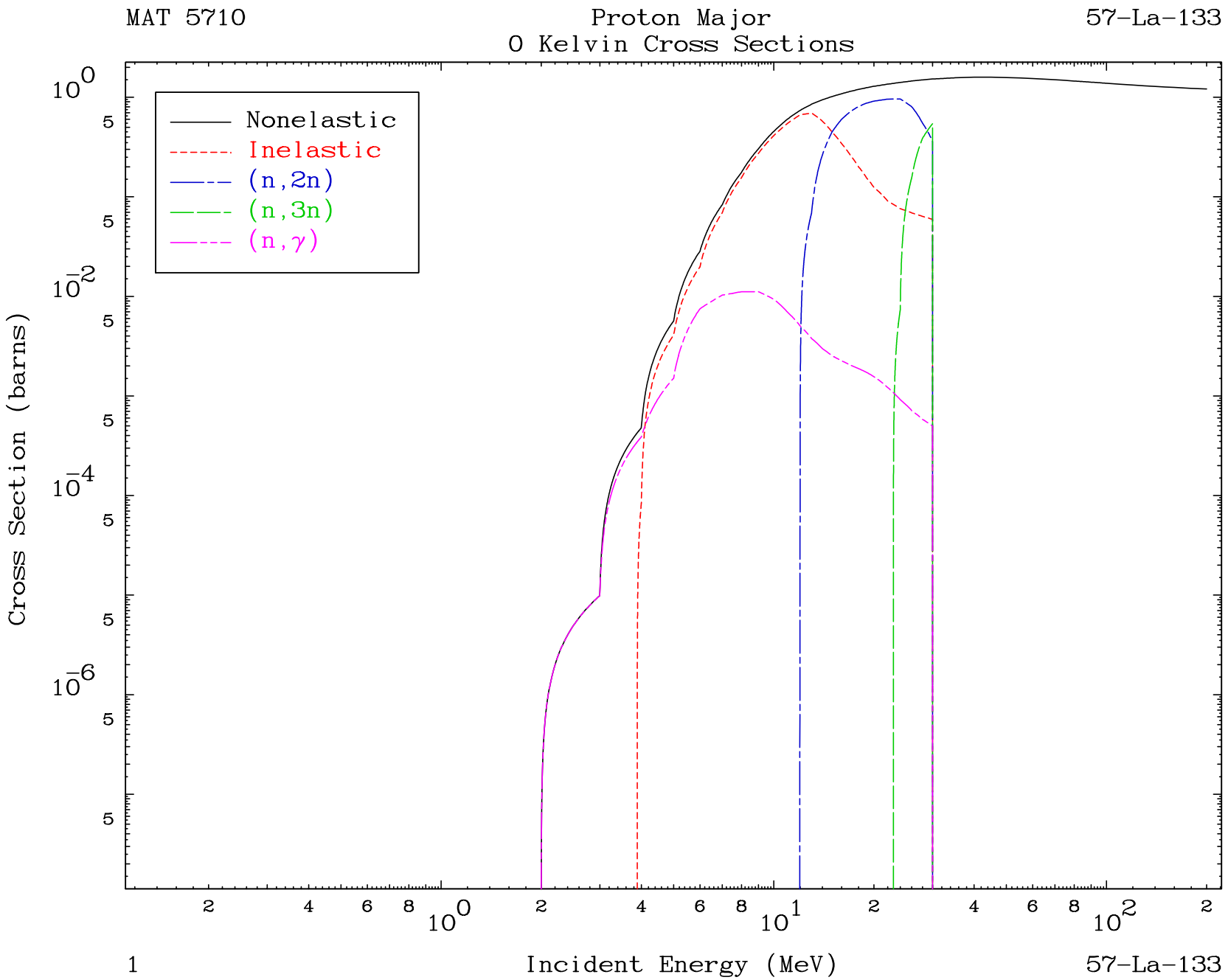
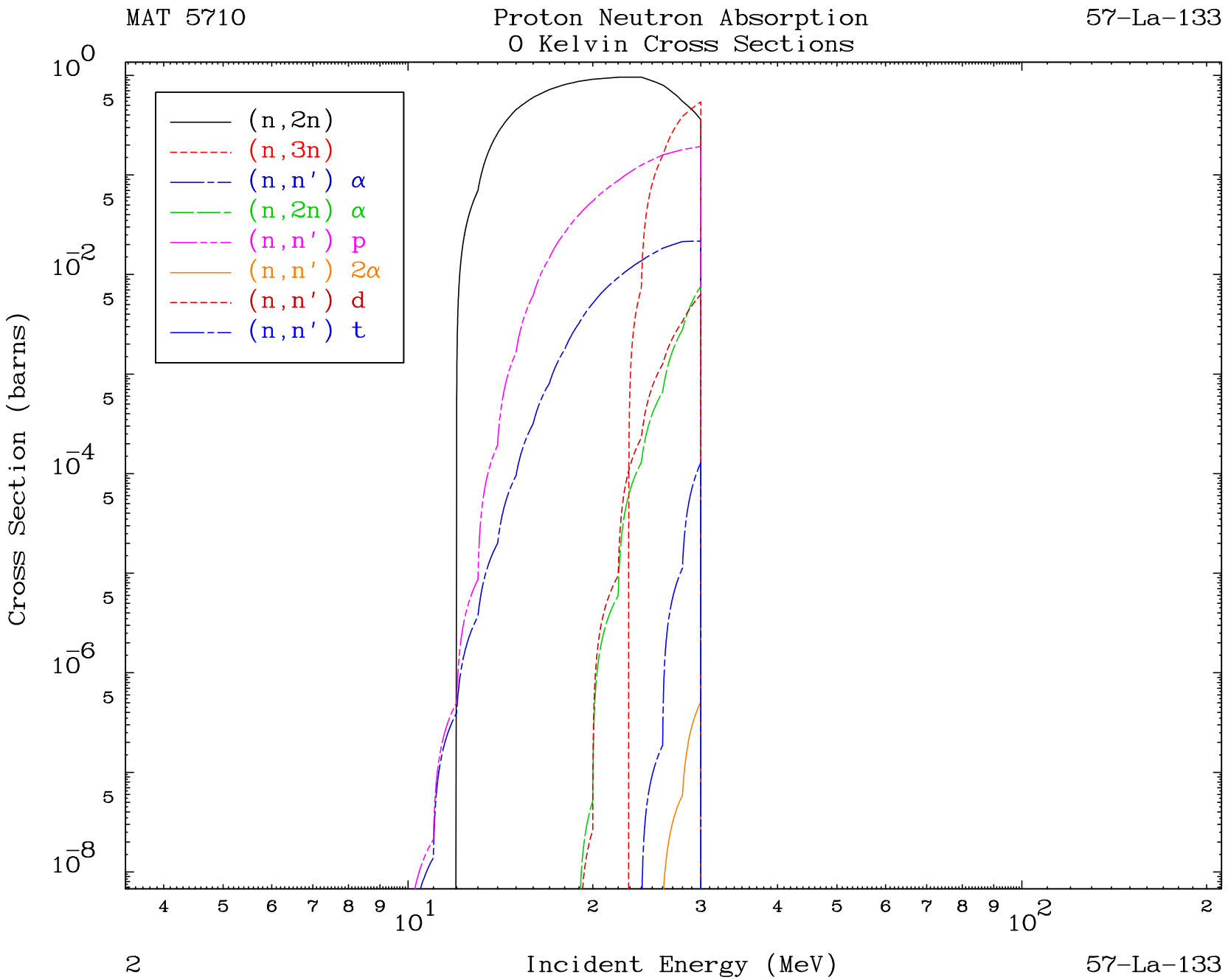
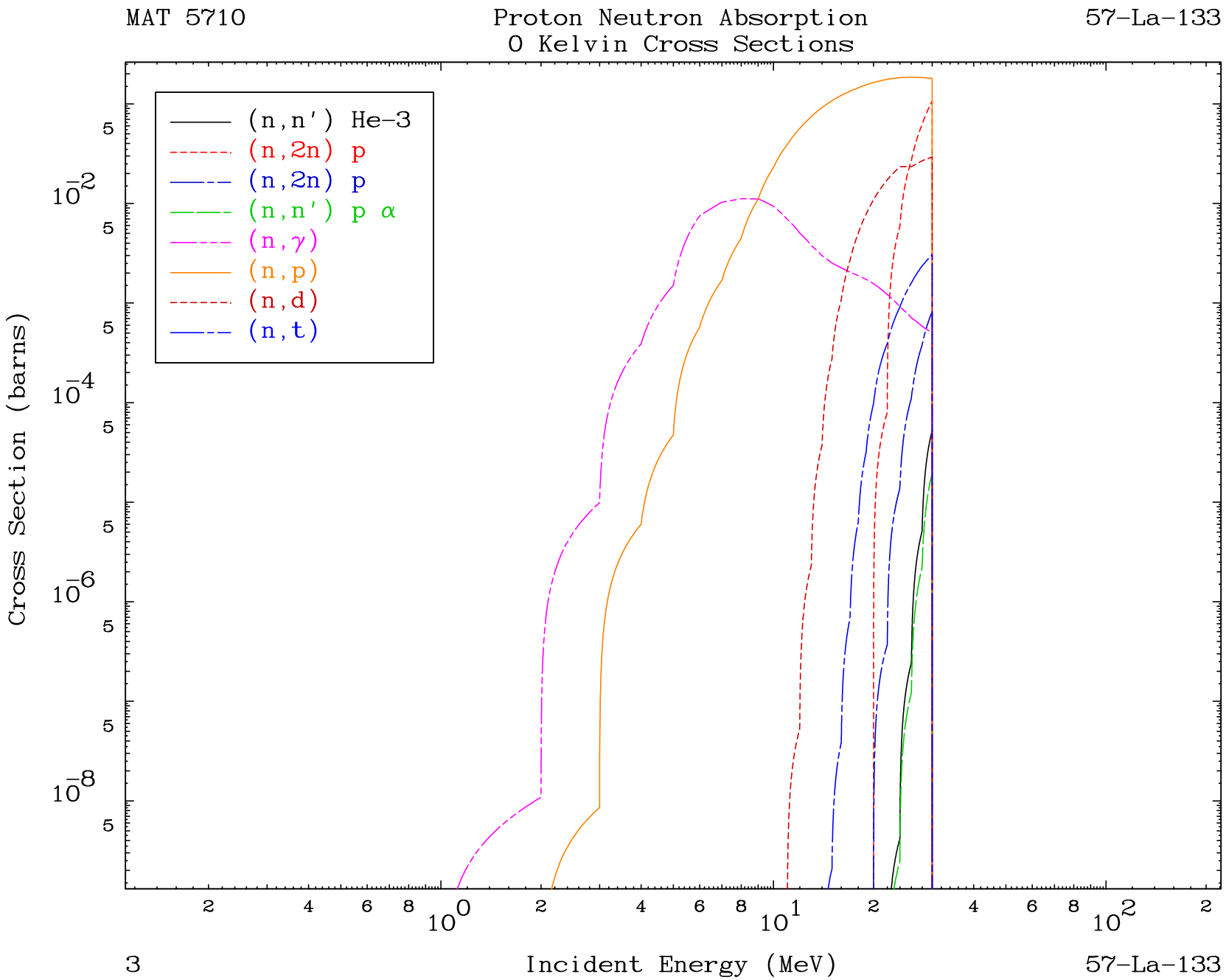
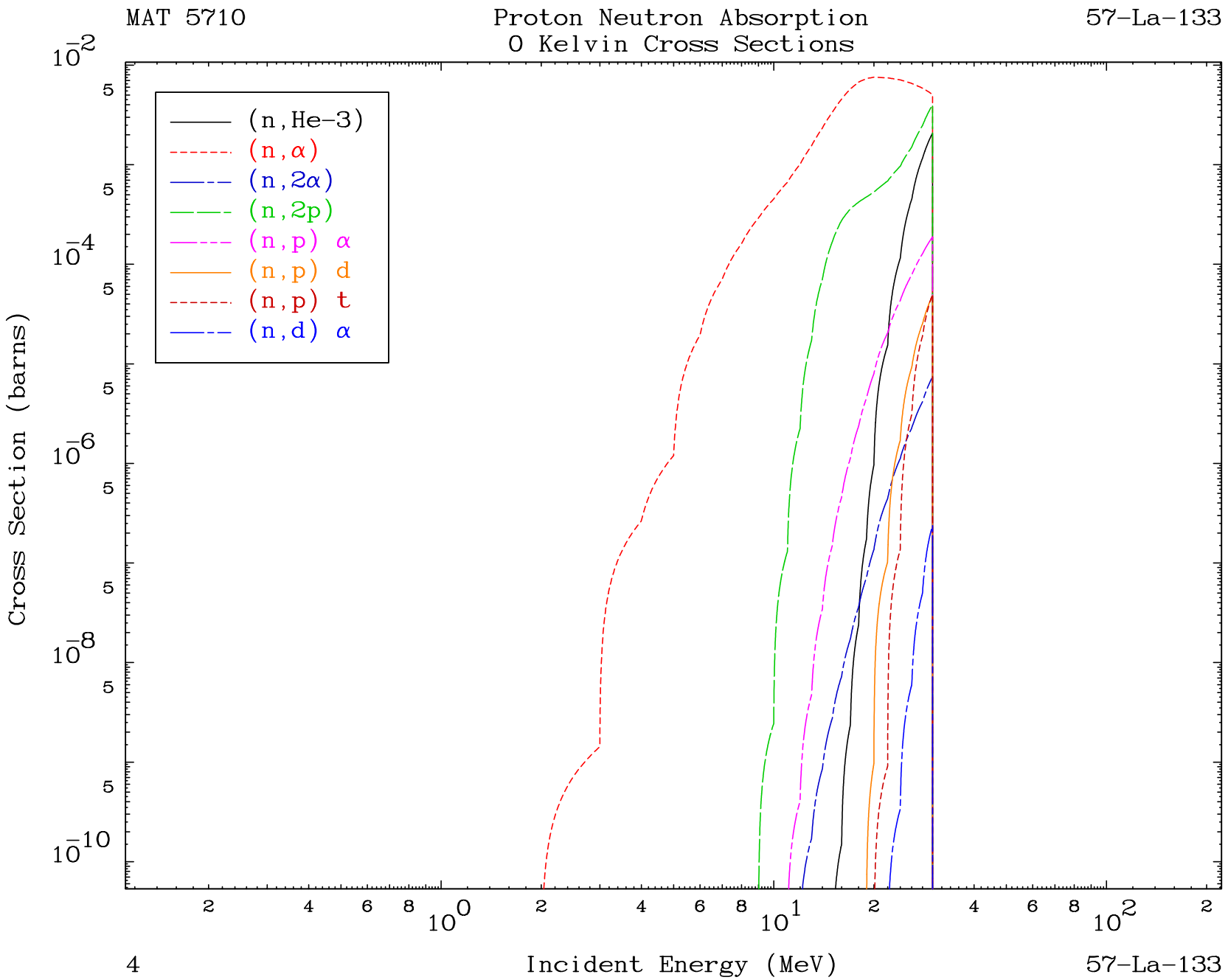
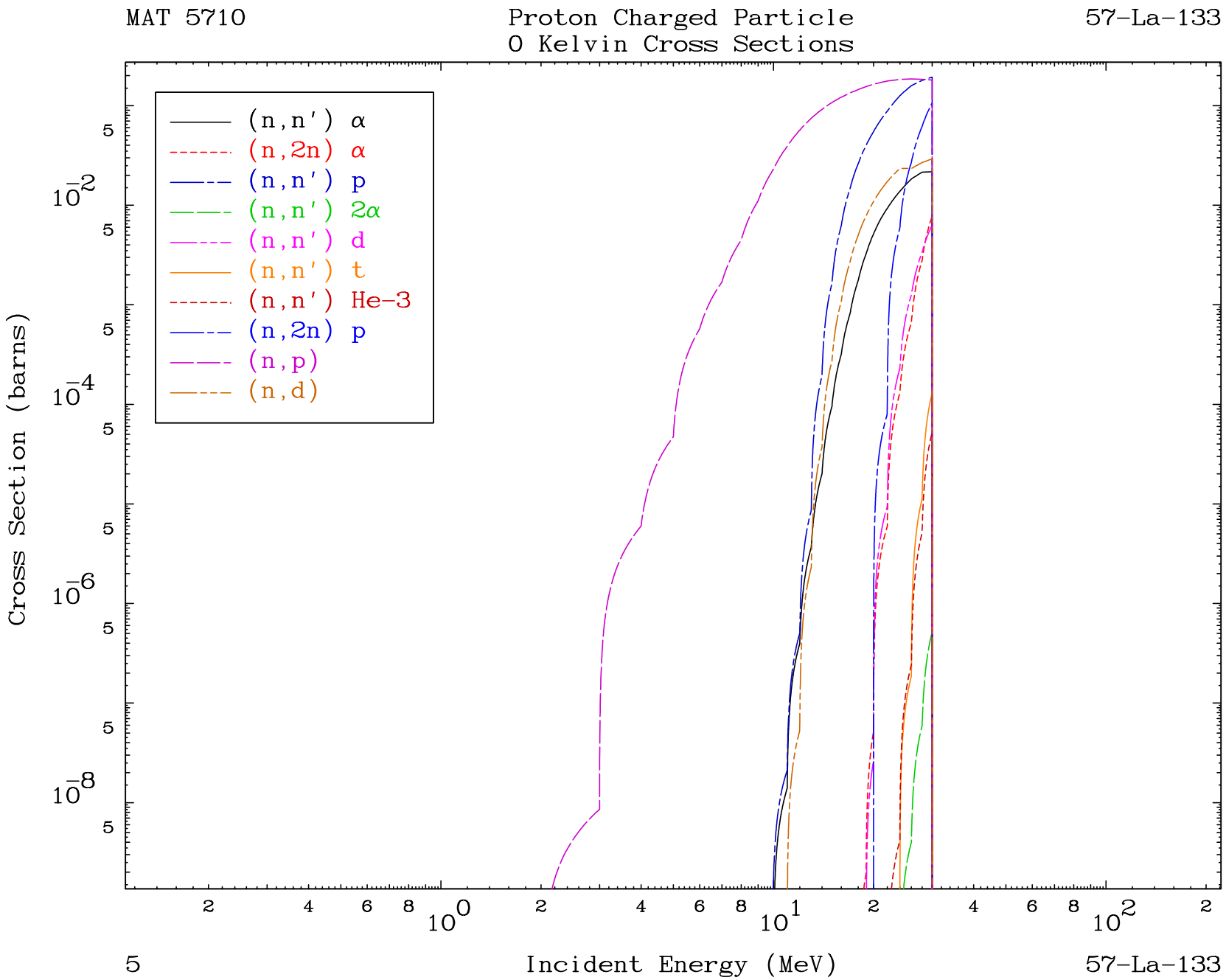
Press Mouse Button to Start

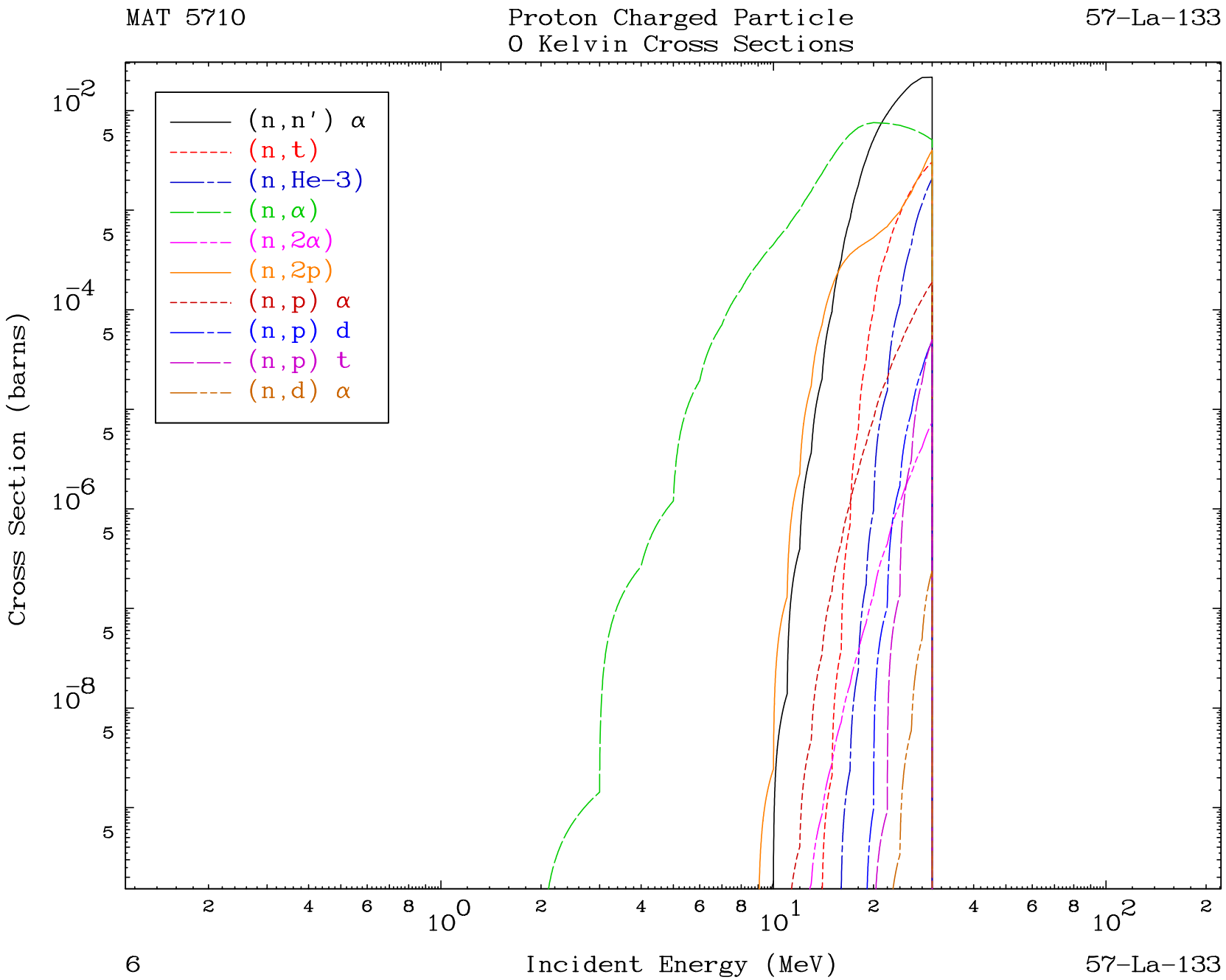

MAT 5710
Proton Major
57-La-133
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
57-La-133
1

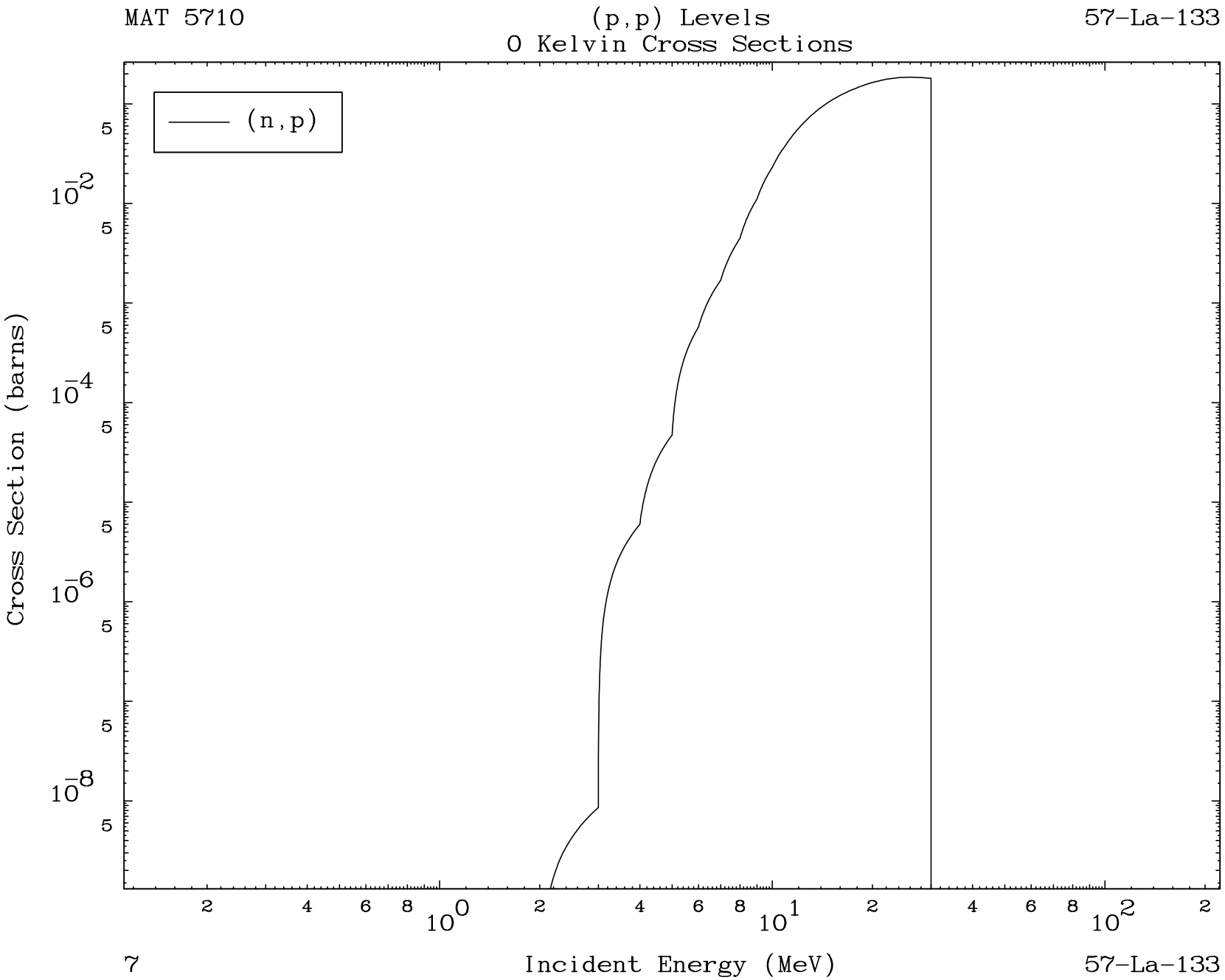

MAT 5710
Proton Neutron Absorption
0 Kelvin Cross Sections
57-La-133
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
57-La-133

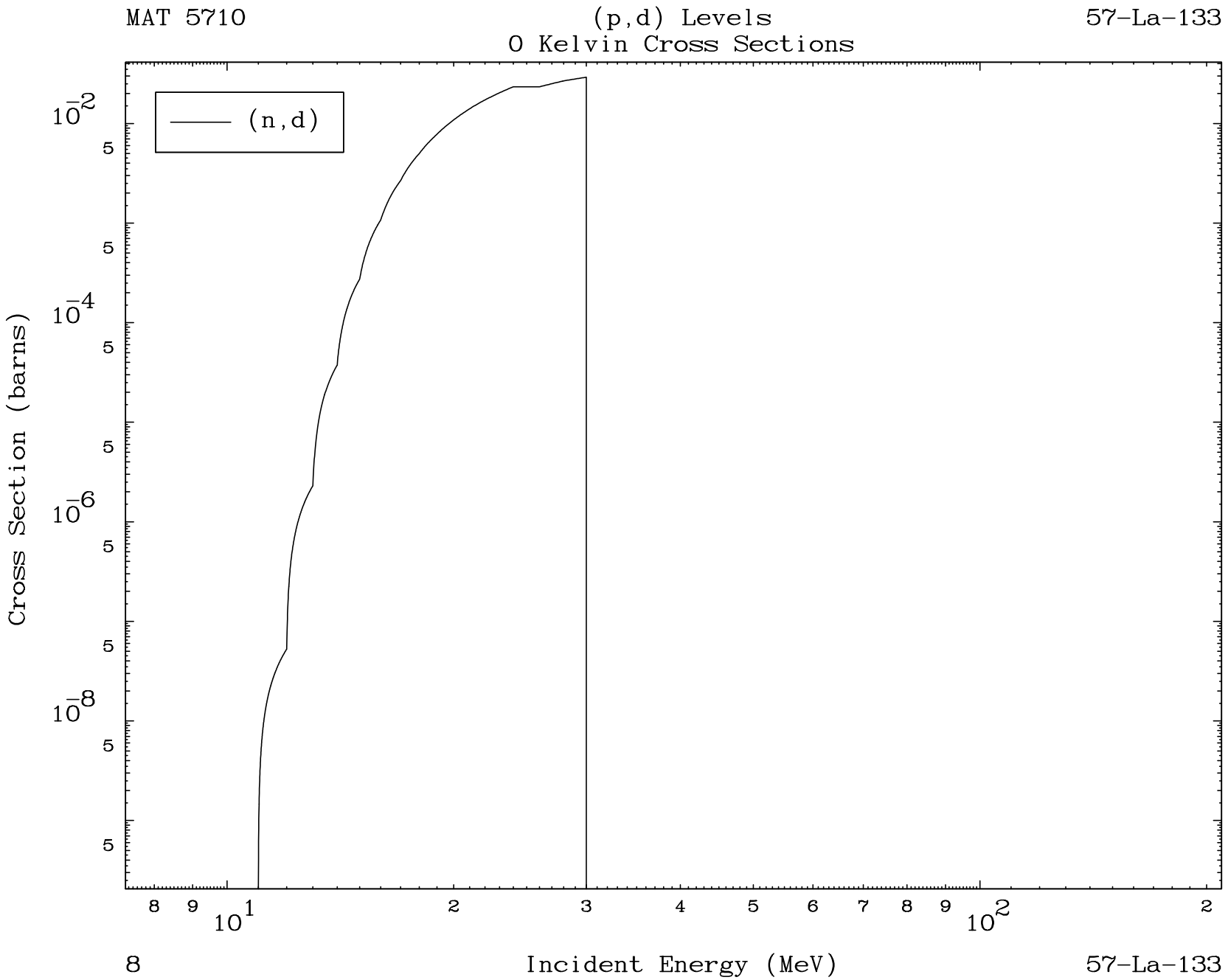

MAT 5710
Proton Neutron Absorption
0 Kelvin Cross Sections
57-La-133
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
57-La-133

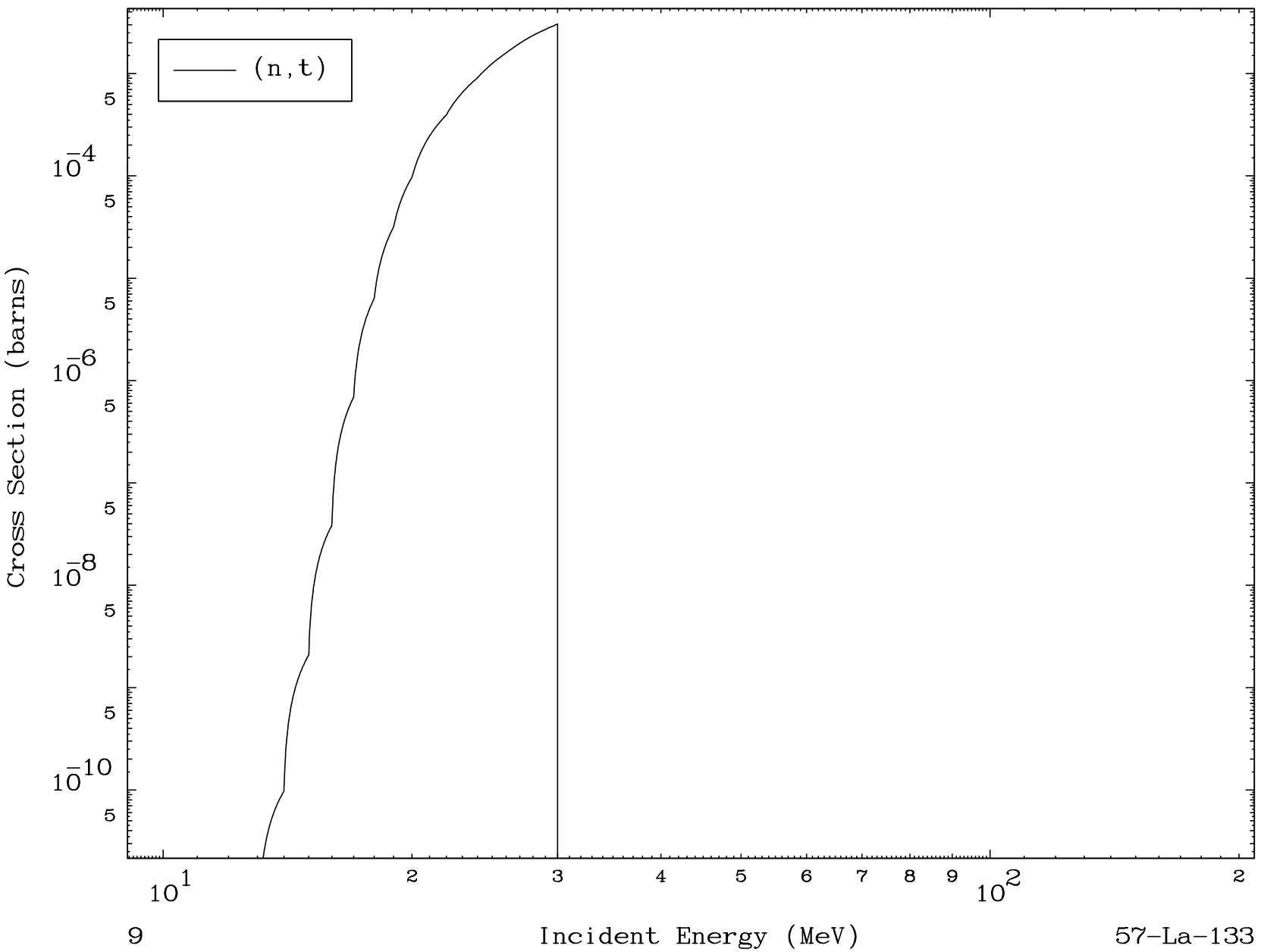

MAT 5710
Proton Neutron Absorption
0 Kelvin Cross Sections
57-La-133
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
57-La-133

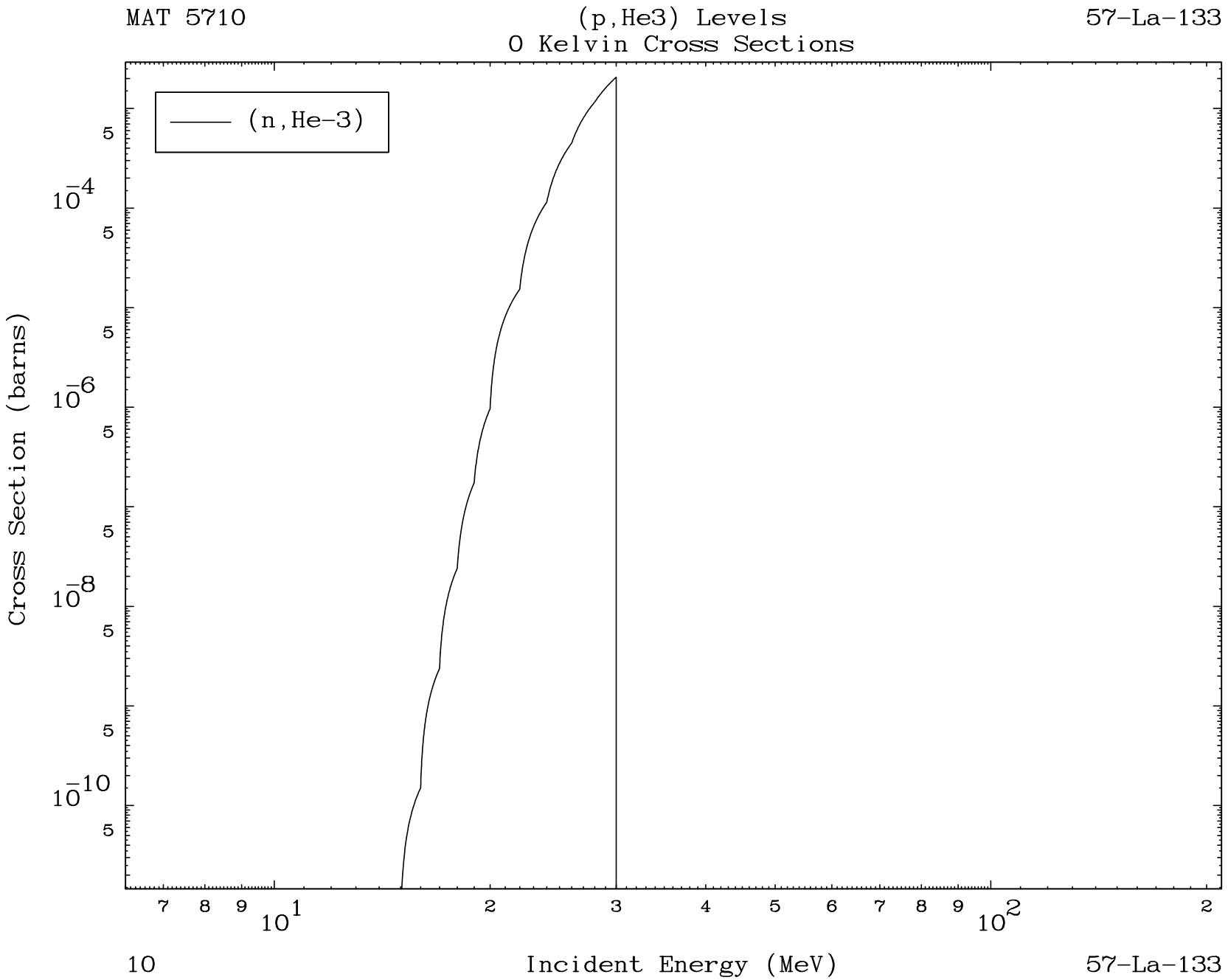

MAT 5710
Proton Charged Particle
0 Kelvin Cross Sections
57-La-133
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
57-La-133

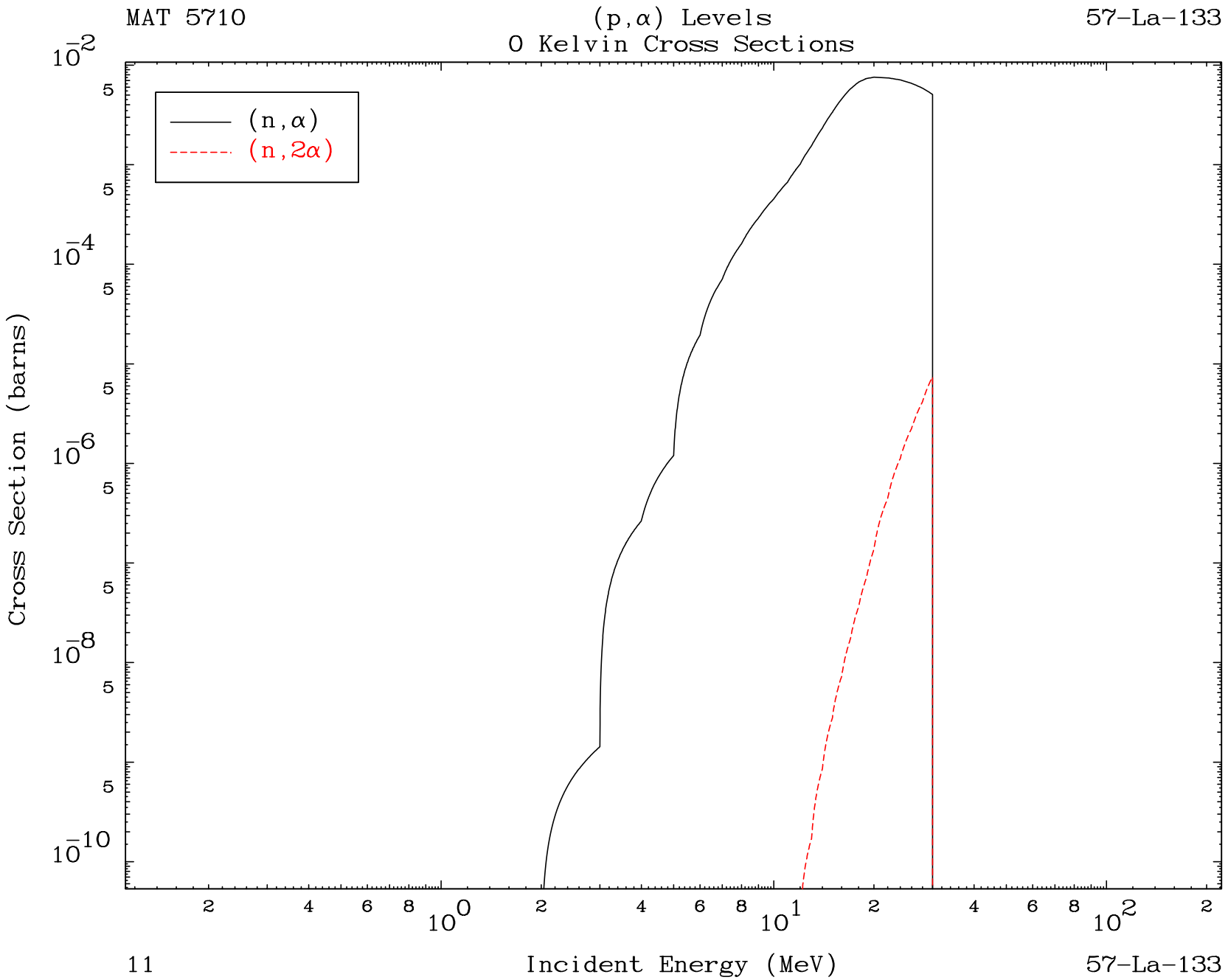

MAT 5710
Proton Charged Particle
0 Kelvin Cross Sections
57-La-133
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
57-La-133

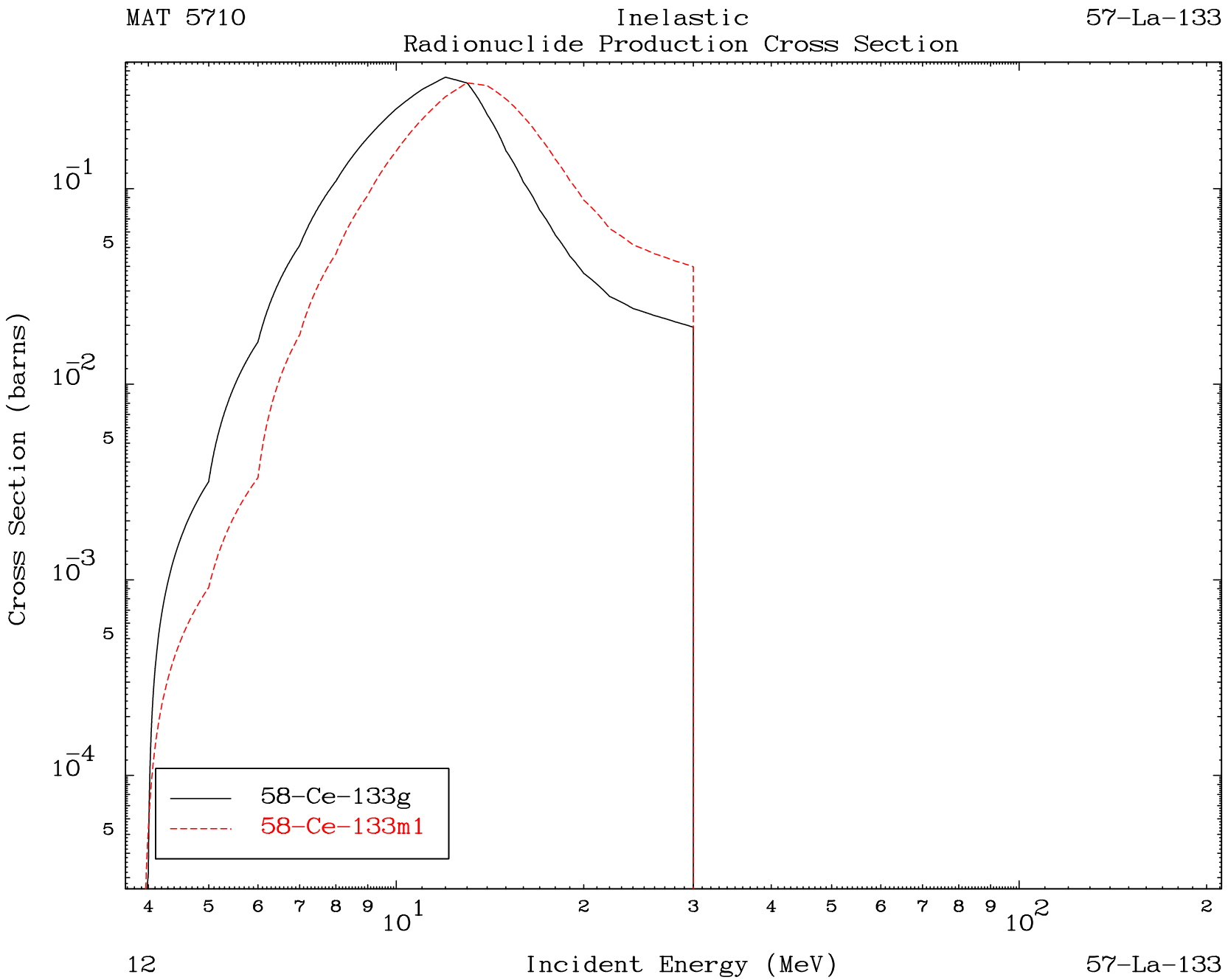

MAT 5710
(p,p) Levels
57-La-133
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
7
57-La-133

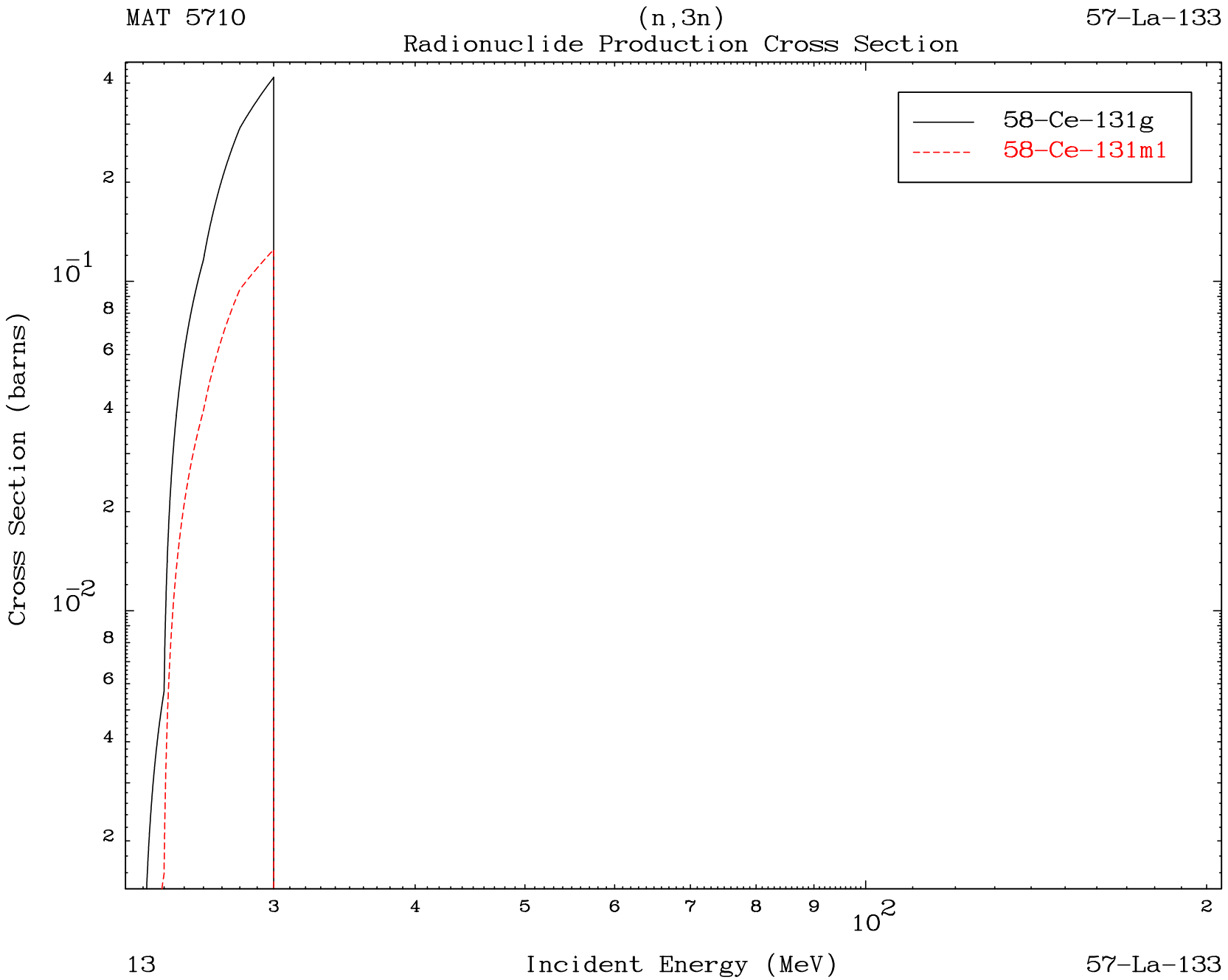

MAT 5710
(p,d) Levels
57-La-133
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
Incident Energy (MeV)
8
57-La-133

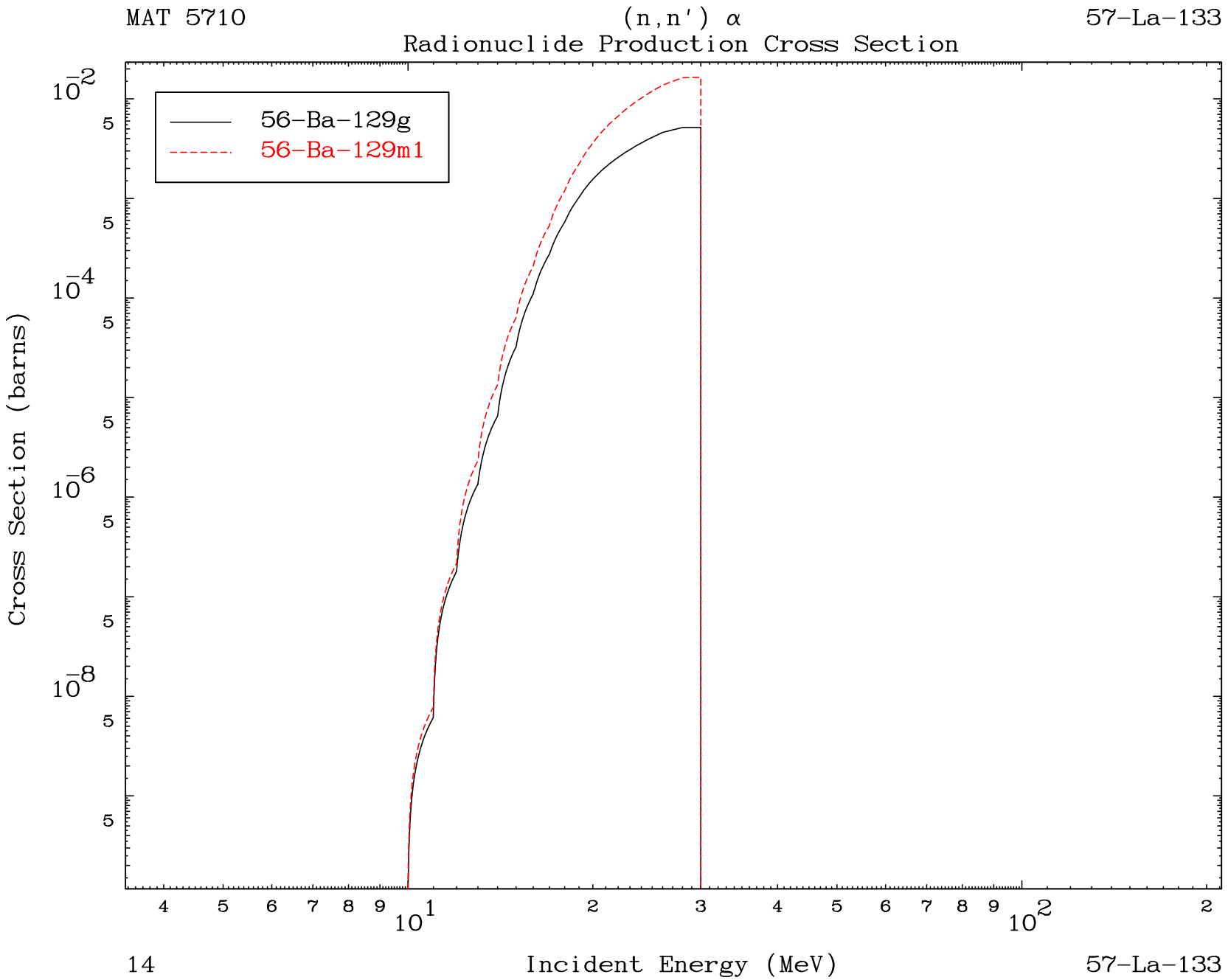

0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^1
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

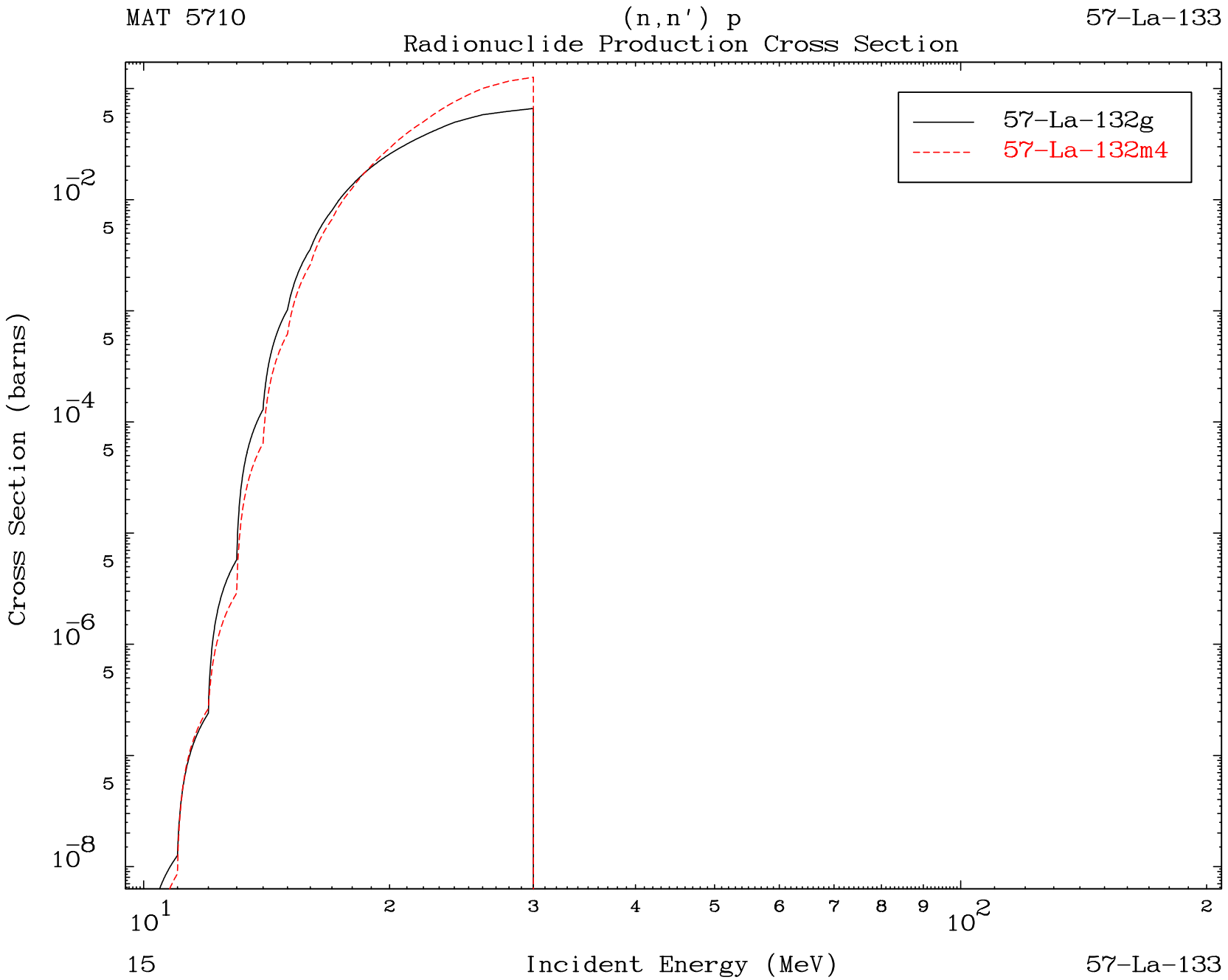

MAT 5710
(p,He3) Levels
57-La-133
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
10
Incident Energy (MeV)
57-La-133

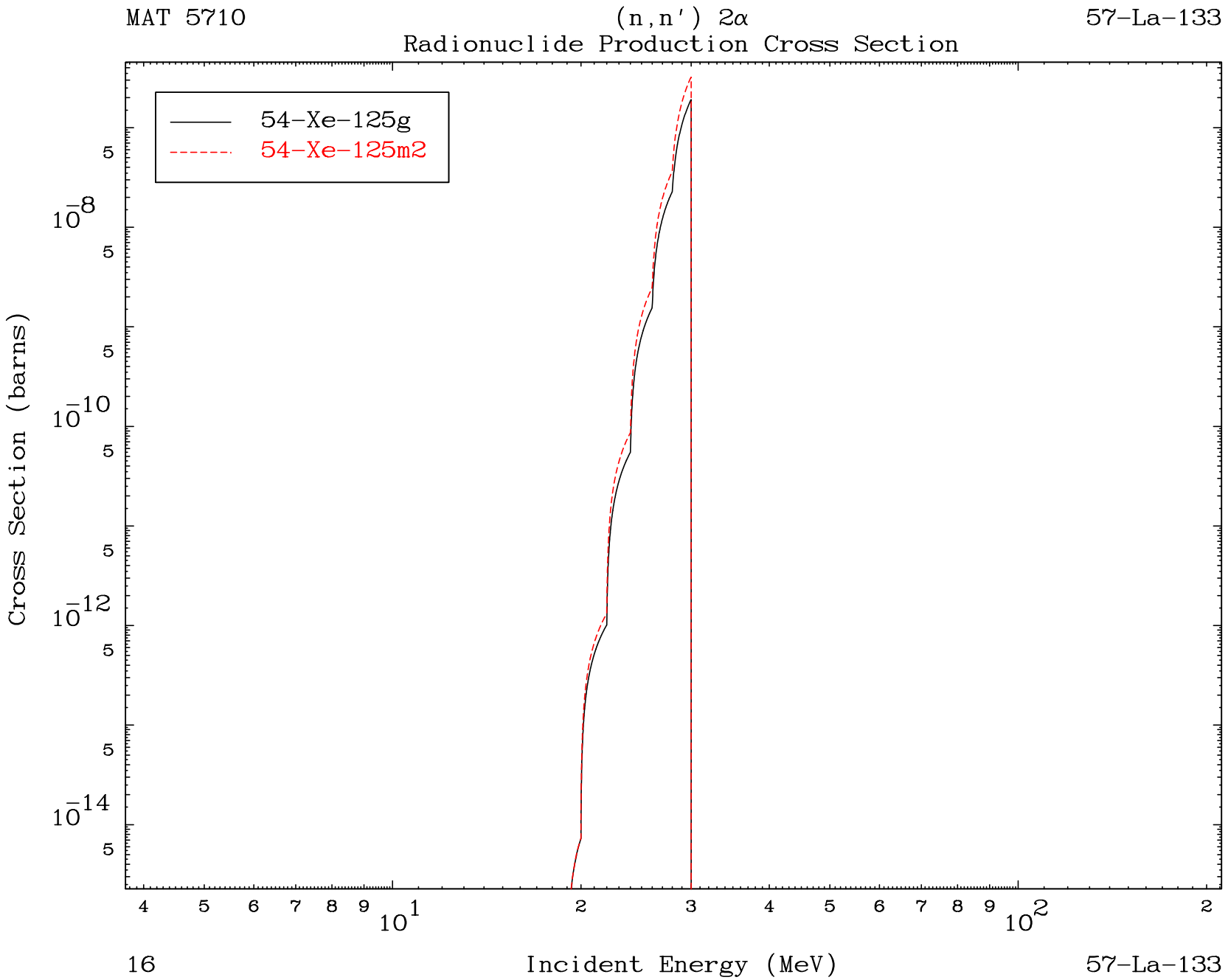

MAT 5710
(p,α) Levels
57-La-133
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
57-La-133

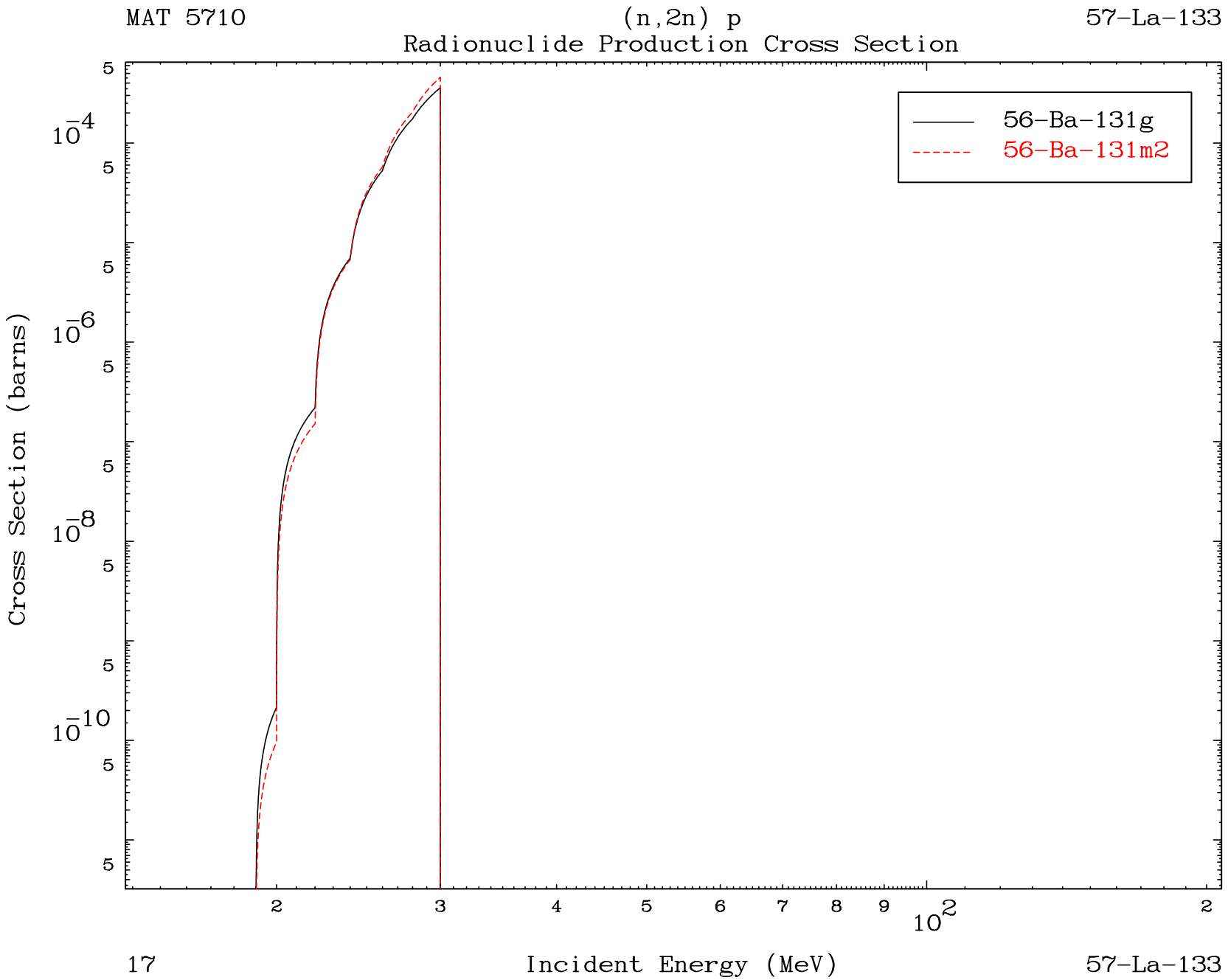

MAT 5710
Inelastic
57-La-133
Radionuclide Production Cross Section
Cross Section (barns)
10^-1
5
10^-2
5
10^-3
5
10^-4
5
58-Ce-133g
58-Ce-133m1
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
12
Incident Energy (MeV)
57-La-133

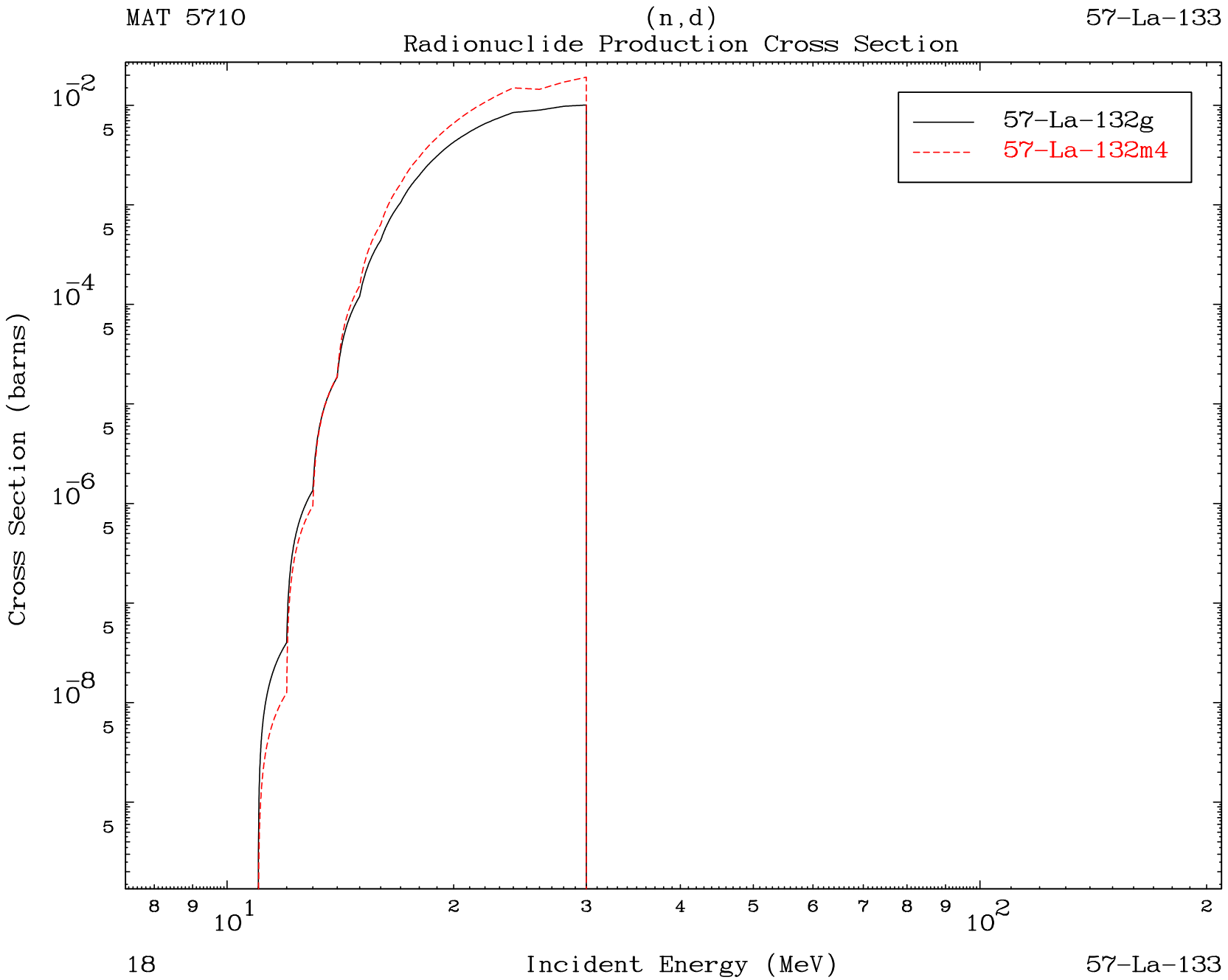

MAT 5710
(n,3n)
57-La-133
Radionuclide Production Cross Section
58-Ce-131g
58-Ce-131m1
Cross Section (barns)
Incident Energy (MeV)
13
57-La-133

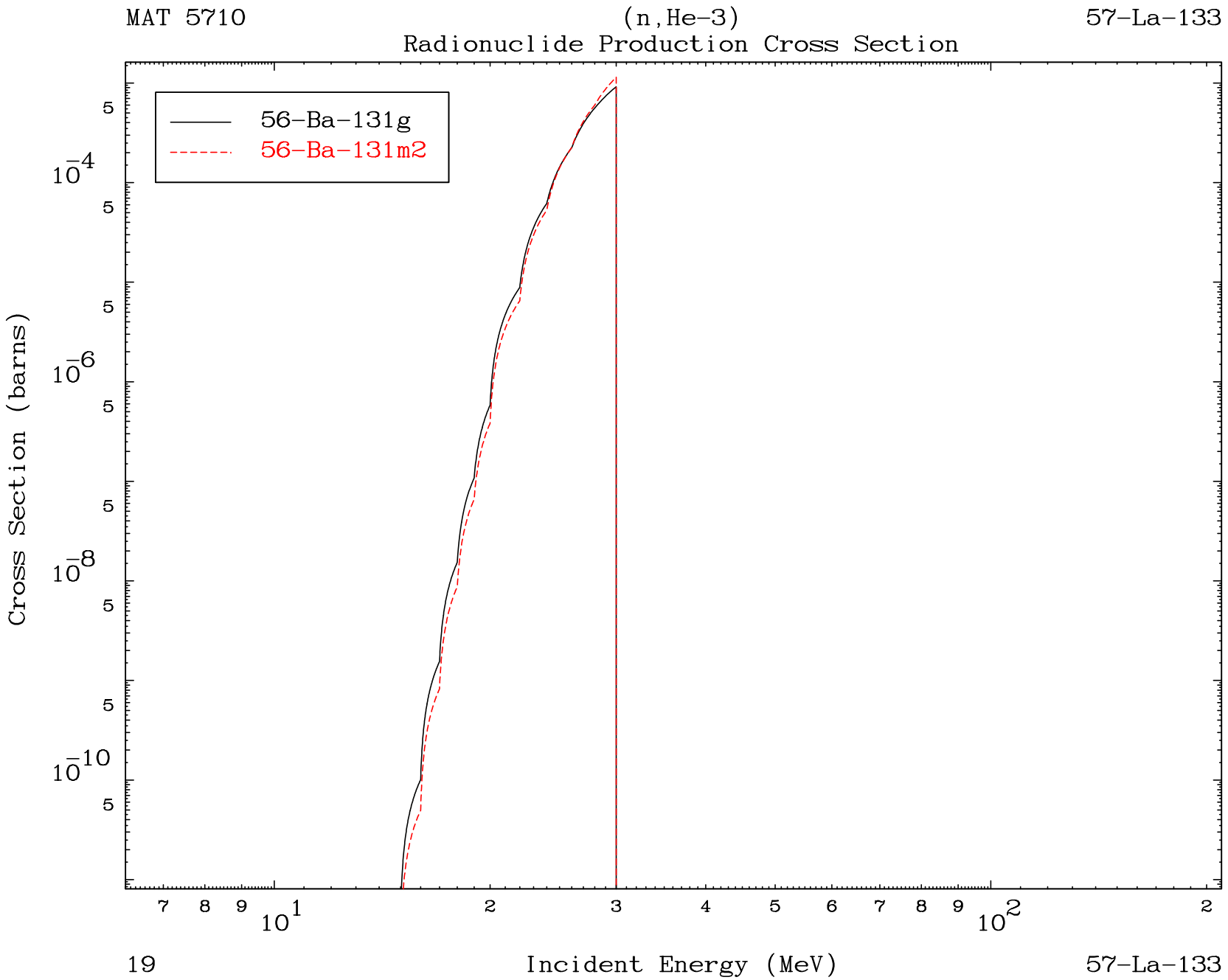

MAT 5710
(n,n') α
57-La-133
Radionuclide Production Cross Section
56-Ba-129g
56-Ba-129m1
Cross Section (barns)
10-2
10-4
10-6
10-8
4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
14
Incident Energy (MeV)
57-La-133

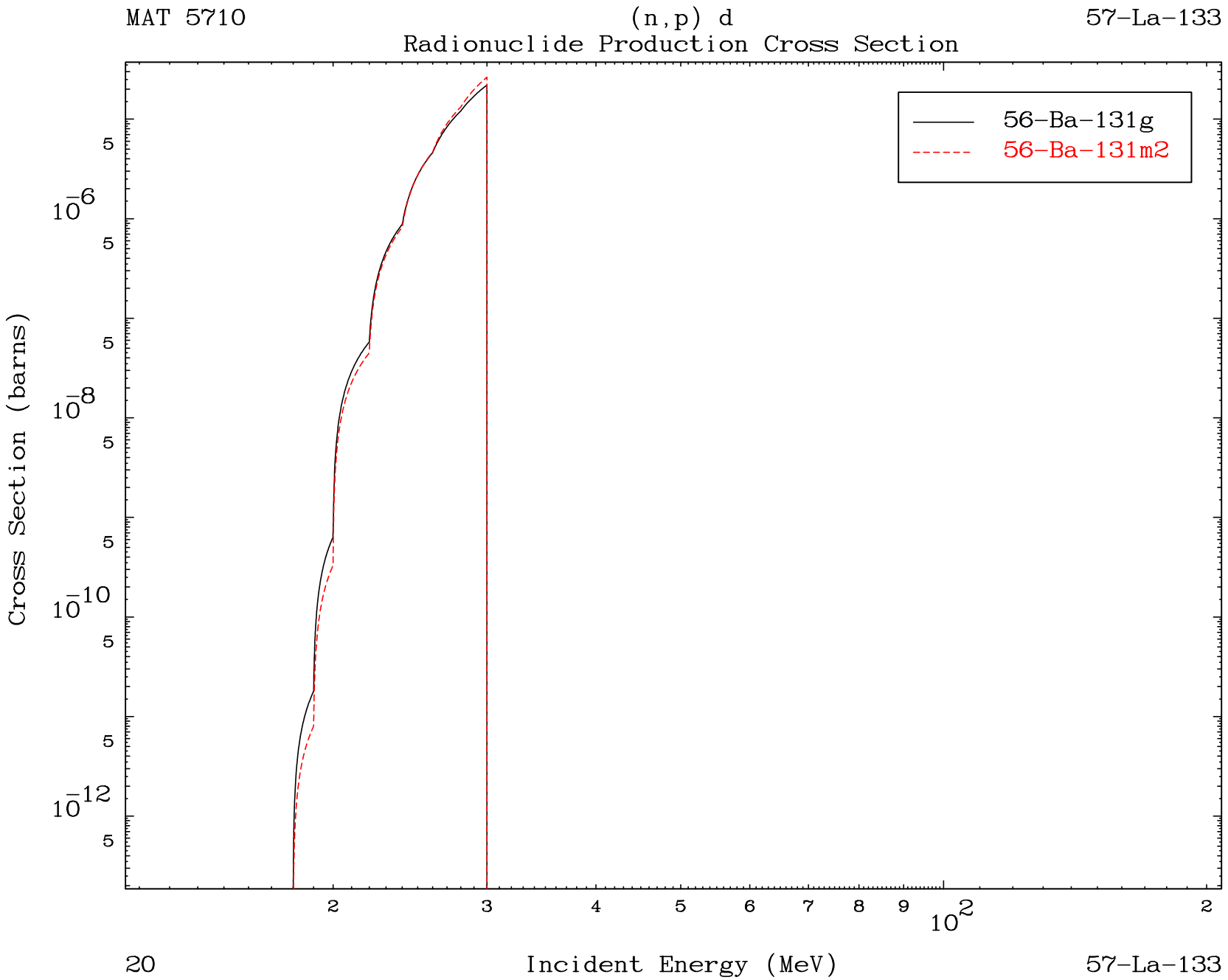

MAT 5710
(n,n') p
57-La-133
Radionuclide Production Cross Section
57-La-132g
57-La-132m4
Cross Section (barns)
10-2
10-4
10-6
10-8
5
101
2
3
4
5
6
7
8
9
102
2
Incident Energy (MeV)
15
57-La-133


MAT 5710
(n,n') 2α
57-La-133
Radionuclide Production Cross Section
54-Xe-125g
54-Xe-125m2
Cross Section (barns)
10-8
10-10
10-12
10-14
5
4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
16
Incident Energy (MeV)
57-La-133


MAT 5710
(n,2n) p
57-La-133
Radionuclide Production Cross Section
56-Ba-131g
56-Ba-131m2
Cross Section (barns)
Incident Energy (MeV)
17
57-La-133


MAT 5710
(n,d)
57-La-133
Radionuclide Production Cross Section
57-La-132g
57-La-132m4
Cross Section (barns)
Incident Energy (MeV)
18
57-La-133


MAT 5710
(n,He-3)
57-La-133
Radionuclide Production Cross Section
56-Ba-131g
56-Ba-131m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
7 8 9
10^1
2 3 4 5 6 7 8 9
10^2
2
19
Incident Energy (MeV)
57-La-133


MAT 5710
(n,p) d
57-La-133
Radionuclide Production Cross Section
56-Ba-131g
56-Ba-131m2
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10+2
2
20
Incident Energy (MeV)
57-La-133