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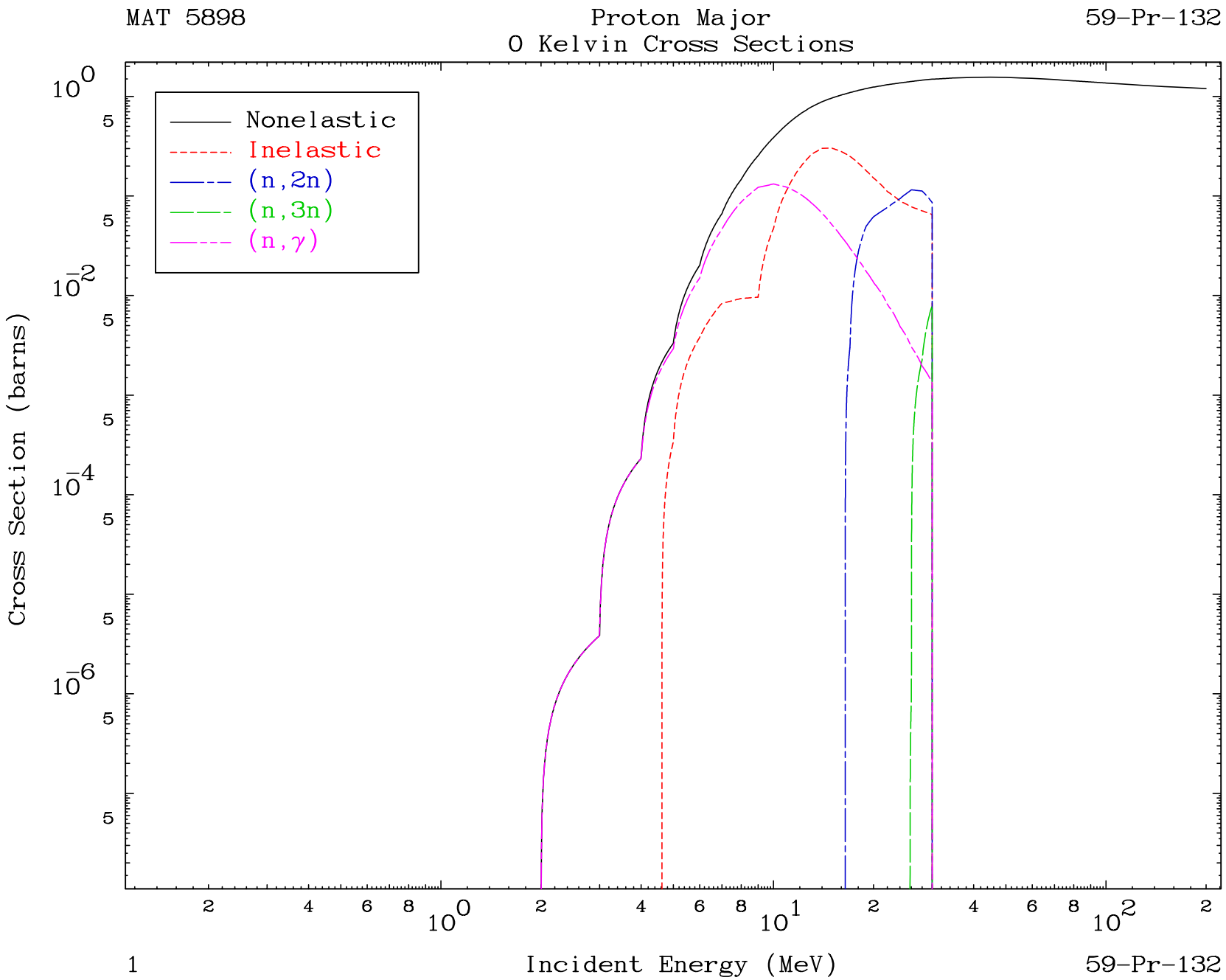
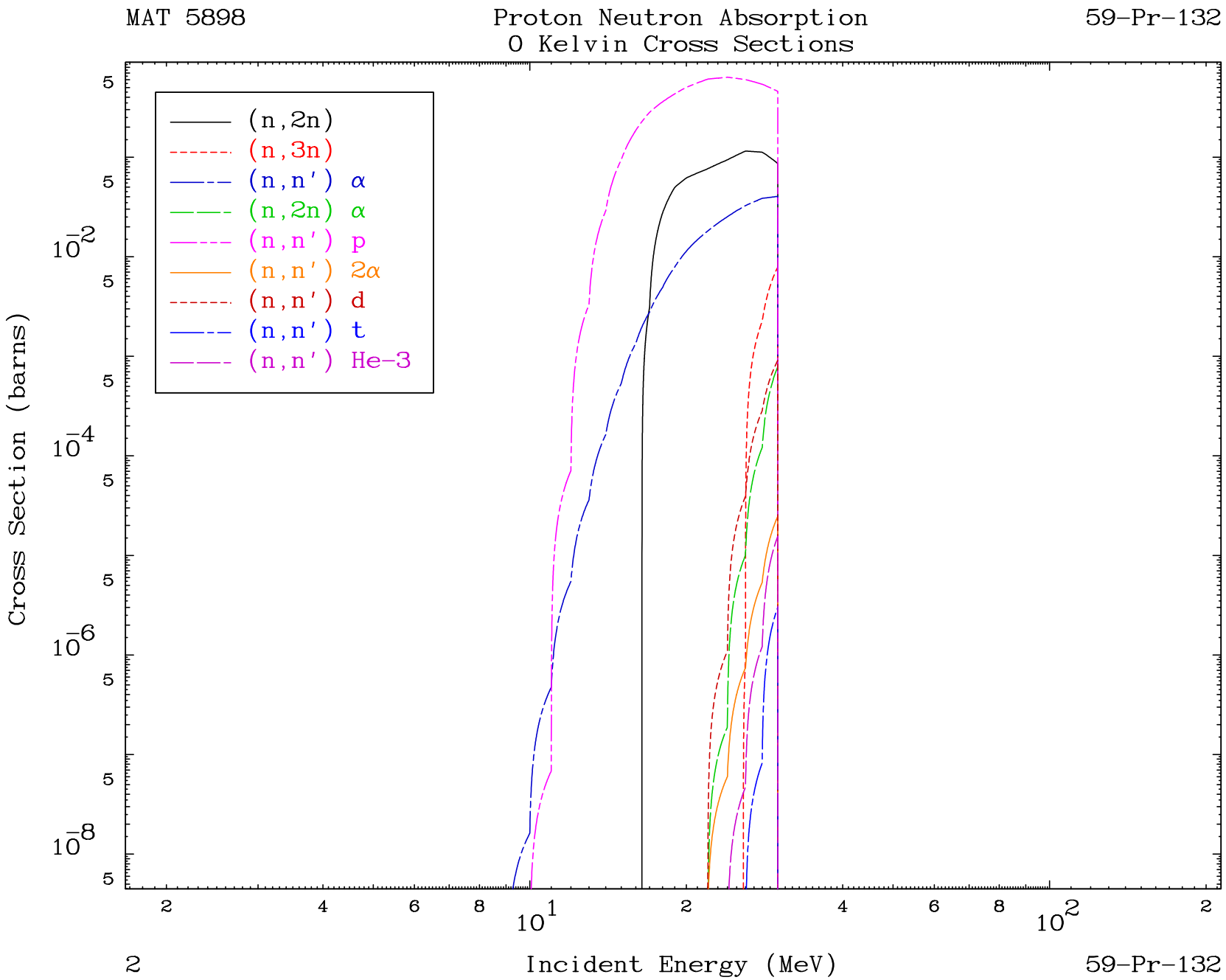
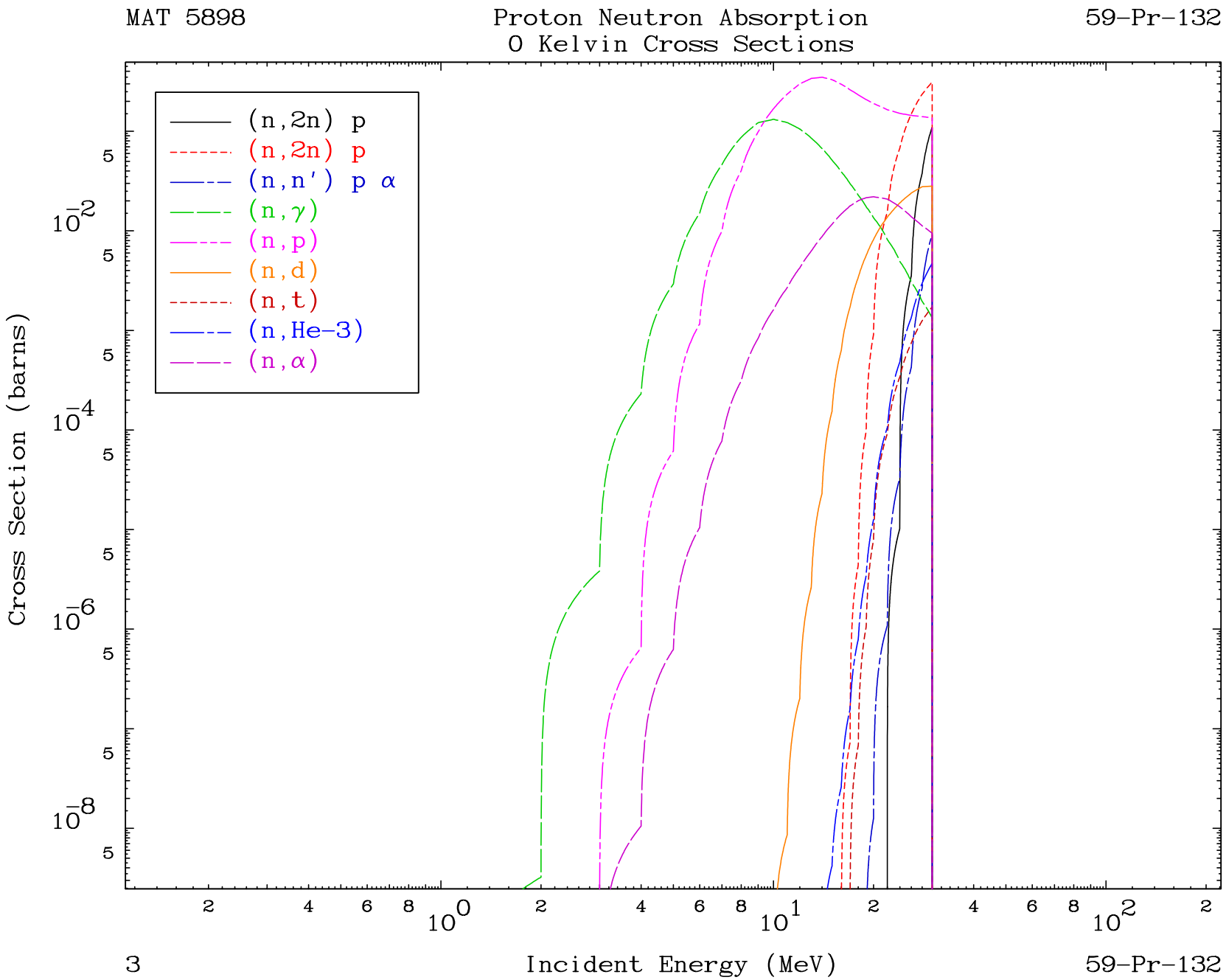
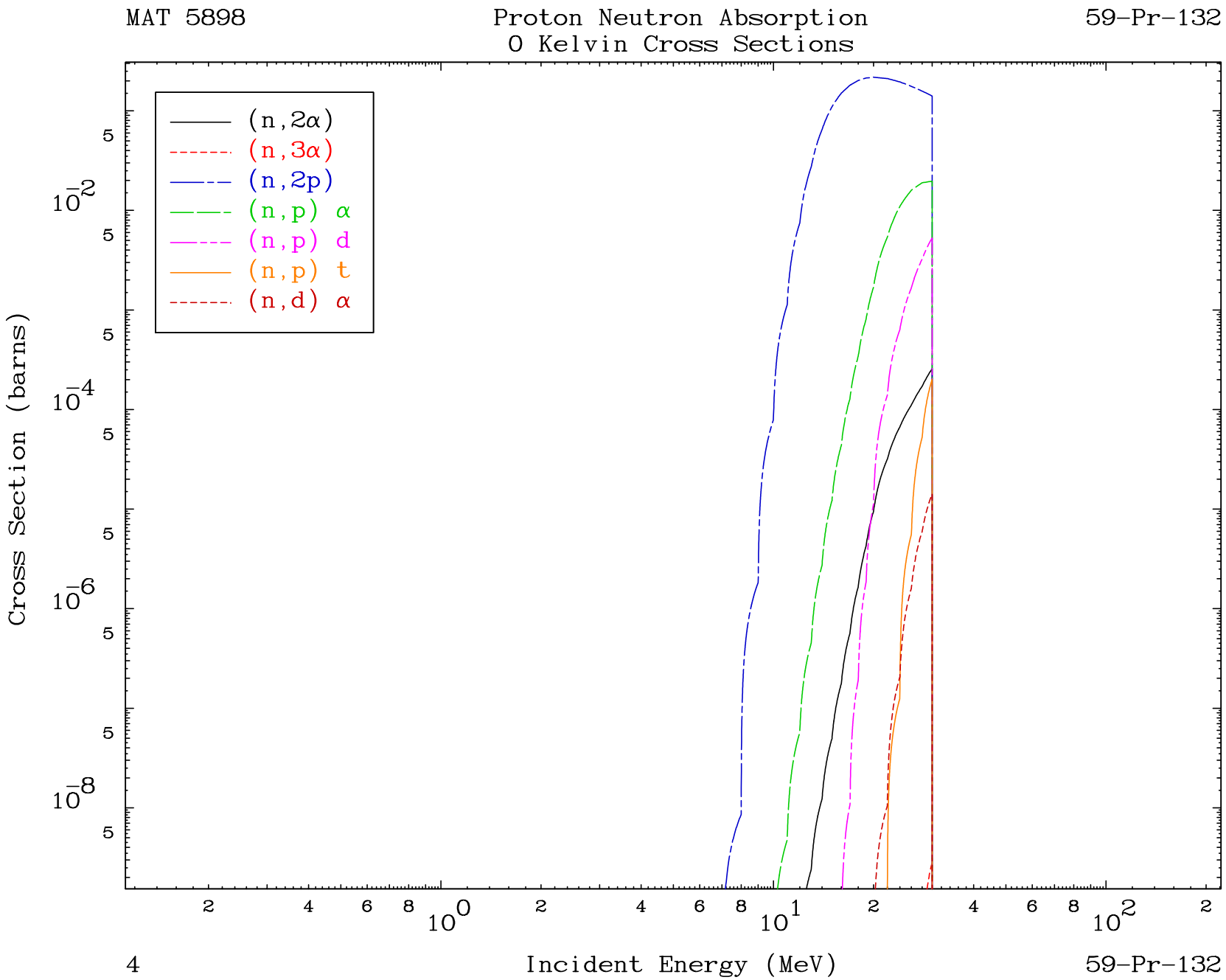
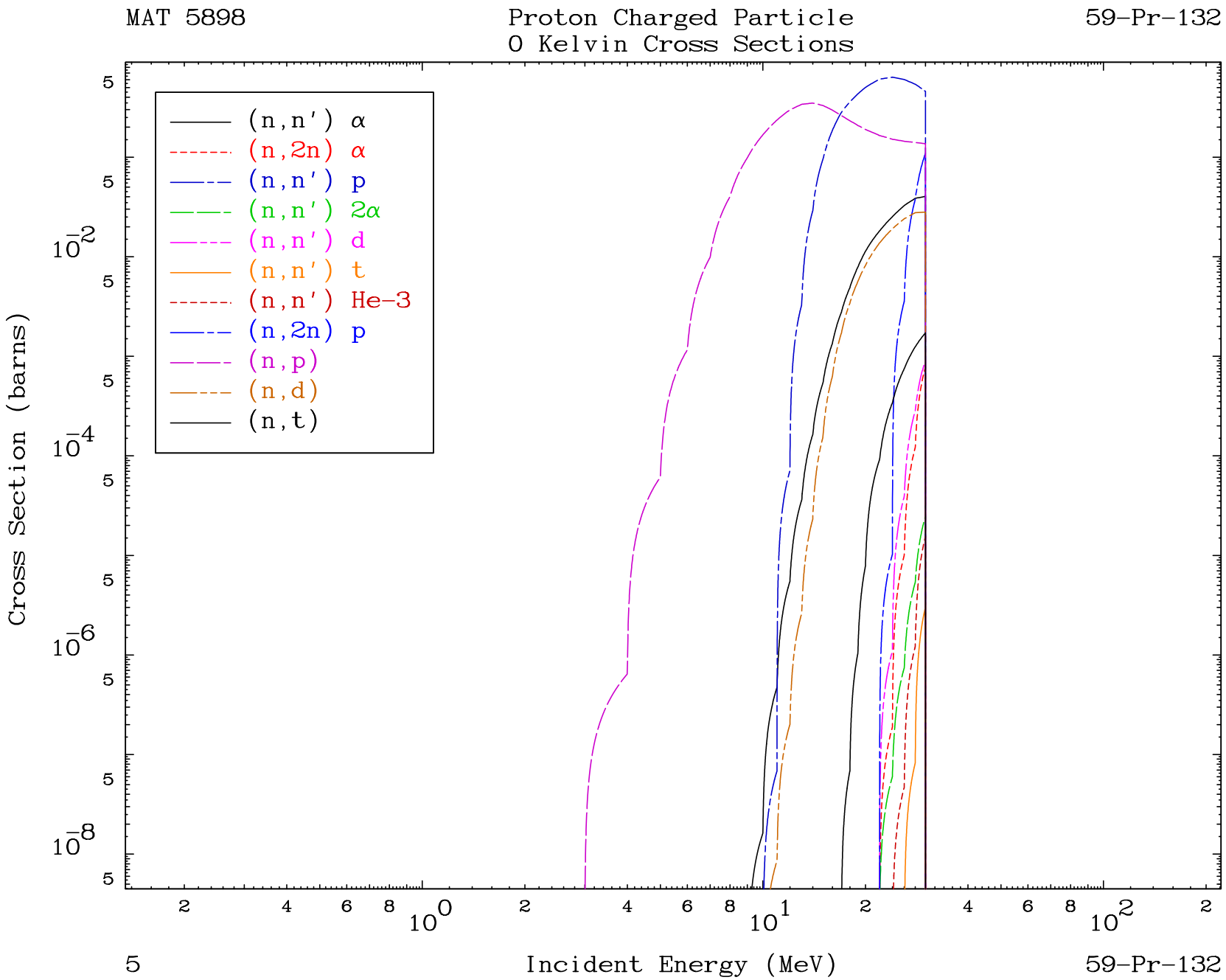
Press Mouse Button to Start

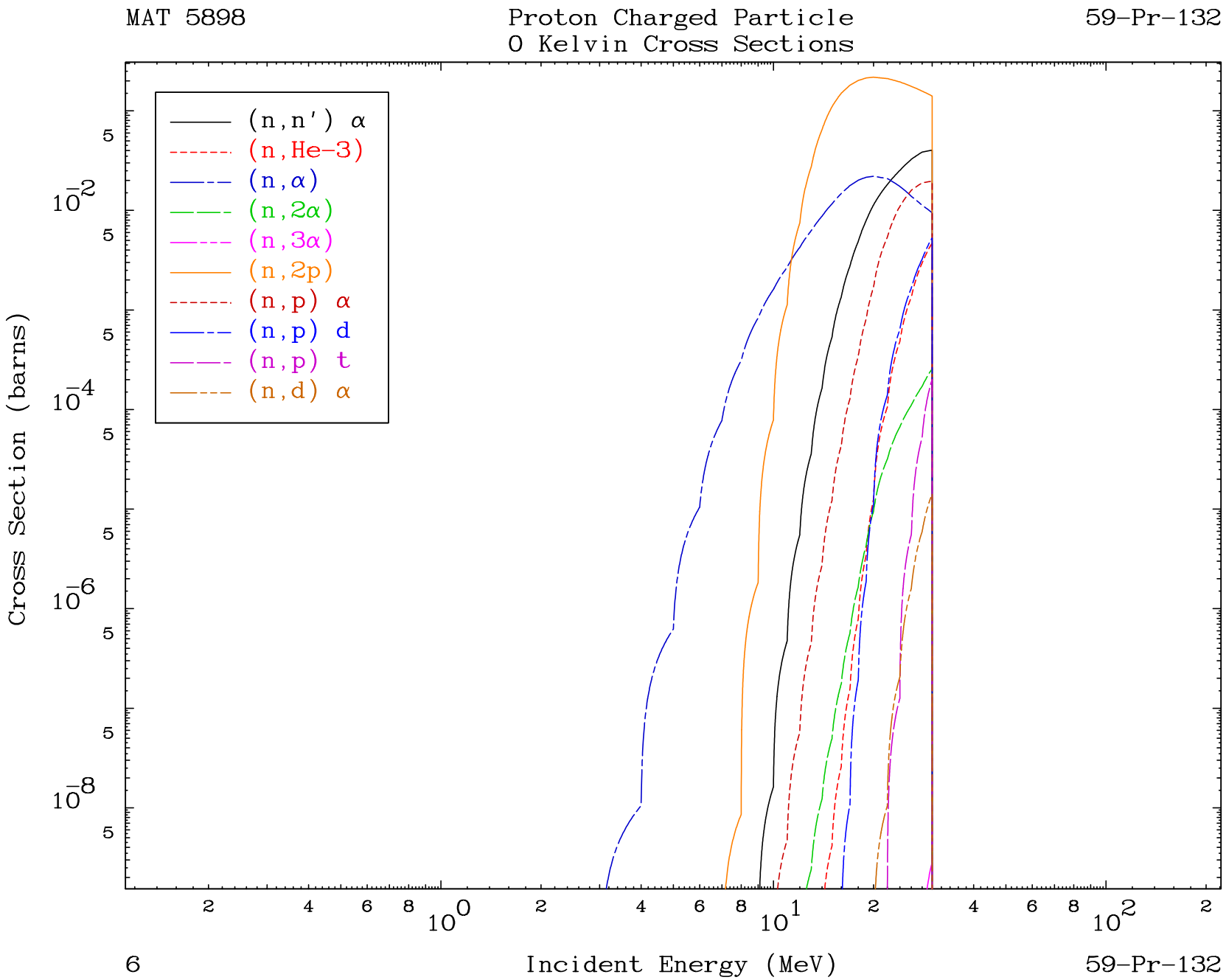

MAT 5898
Proton Major
59-Pr-132
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
59-Pr-132
1

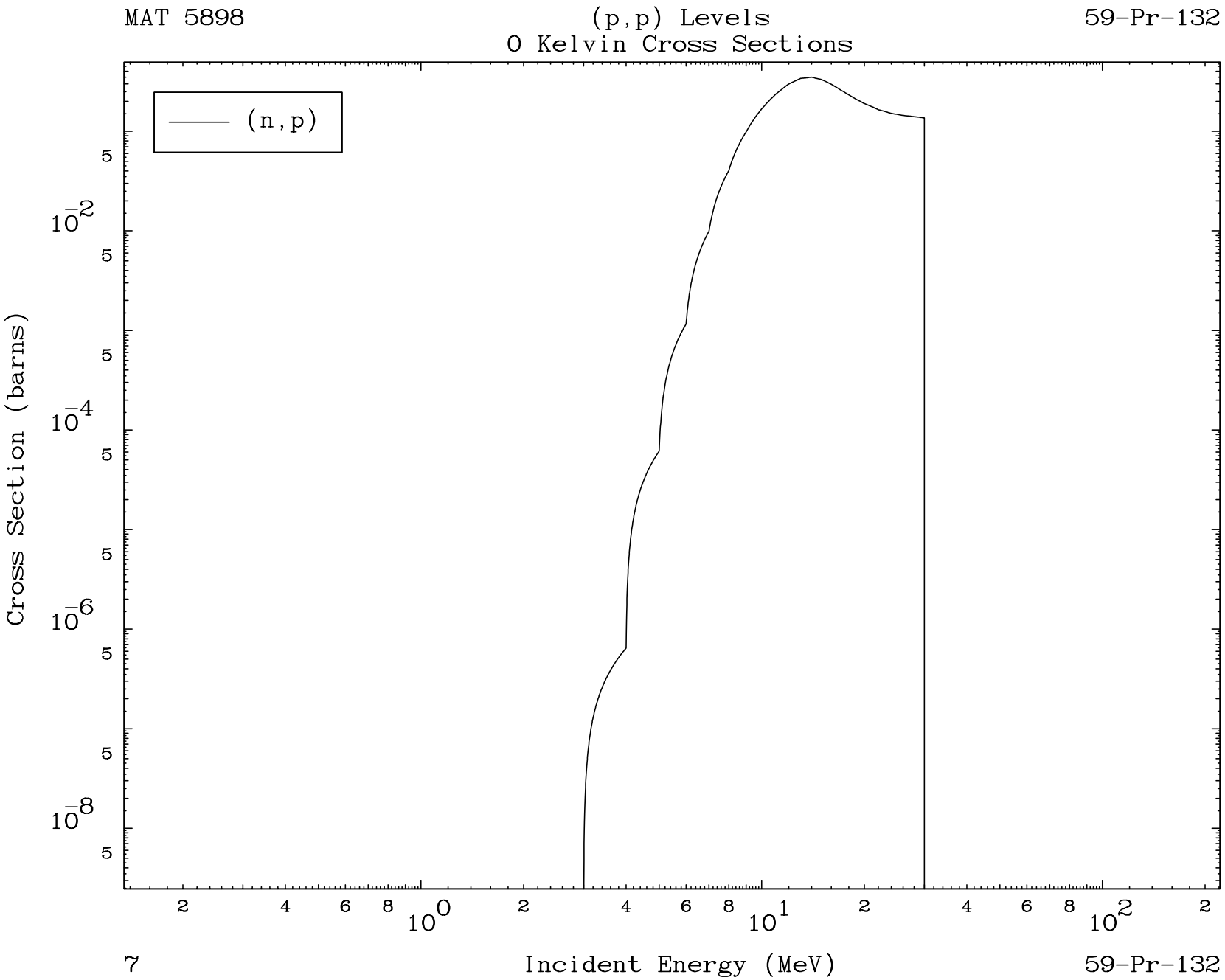

MAT 5898
Proton Neutron Absorption
0 Kelvin Cross Sections
59-Pr-132
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
59-Pr-132

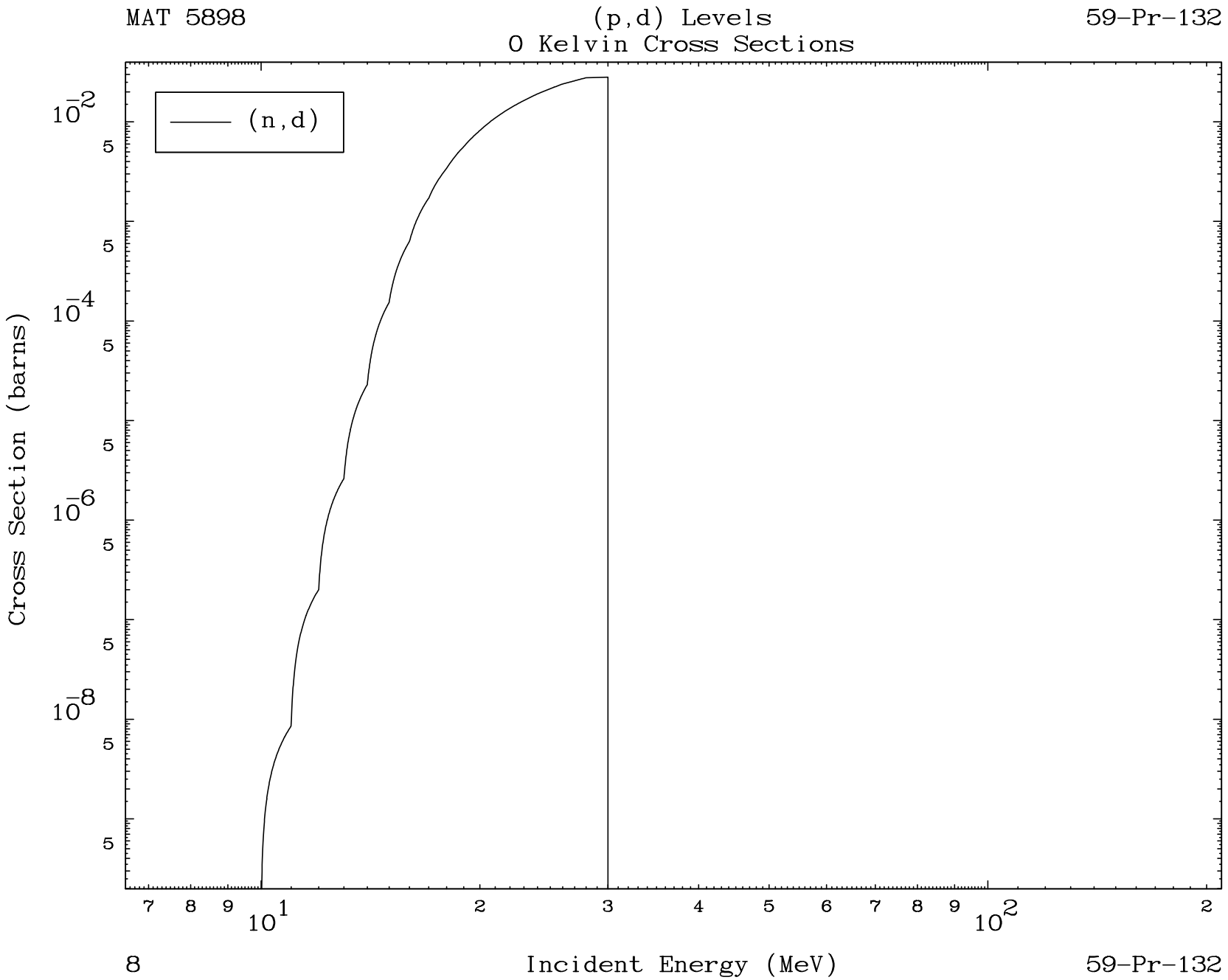

MAT 5898
Proton Neutron Absorption
0 Kelvin Cross Sections
59-Pr-132
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
59-Pr-132

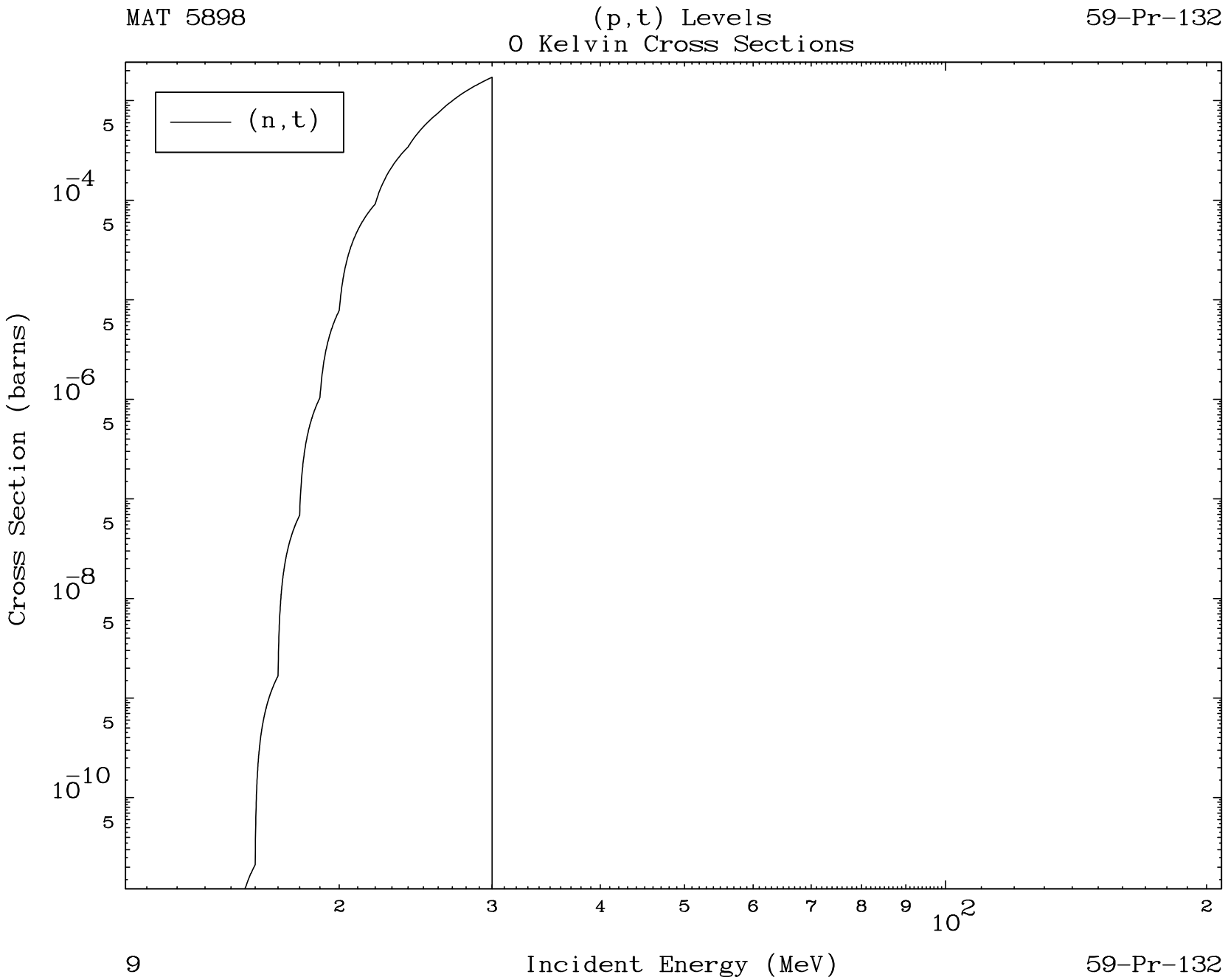

MAT 5898
Proton Neutron Absorption
0 Kelvin Cross Sections
59-Pr-132
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
59-Pr-132

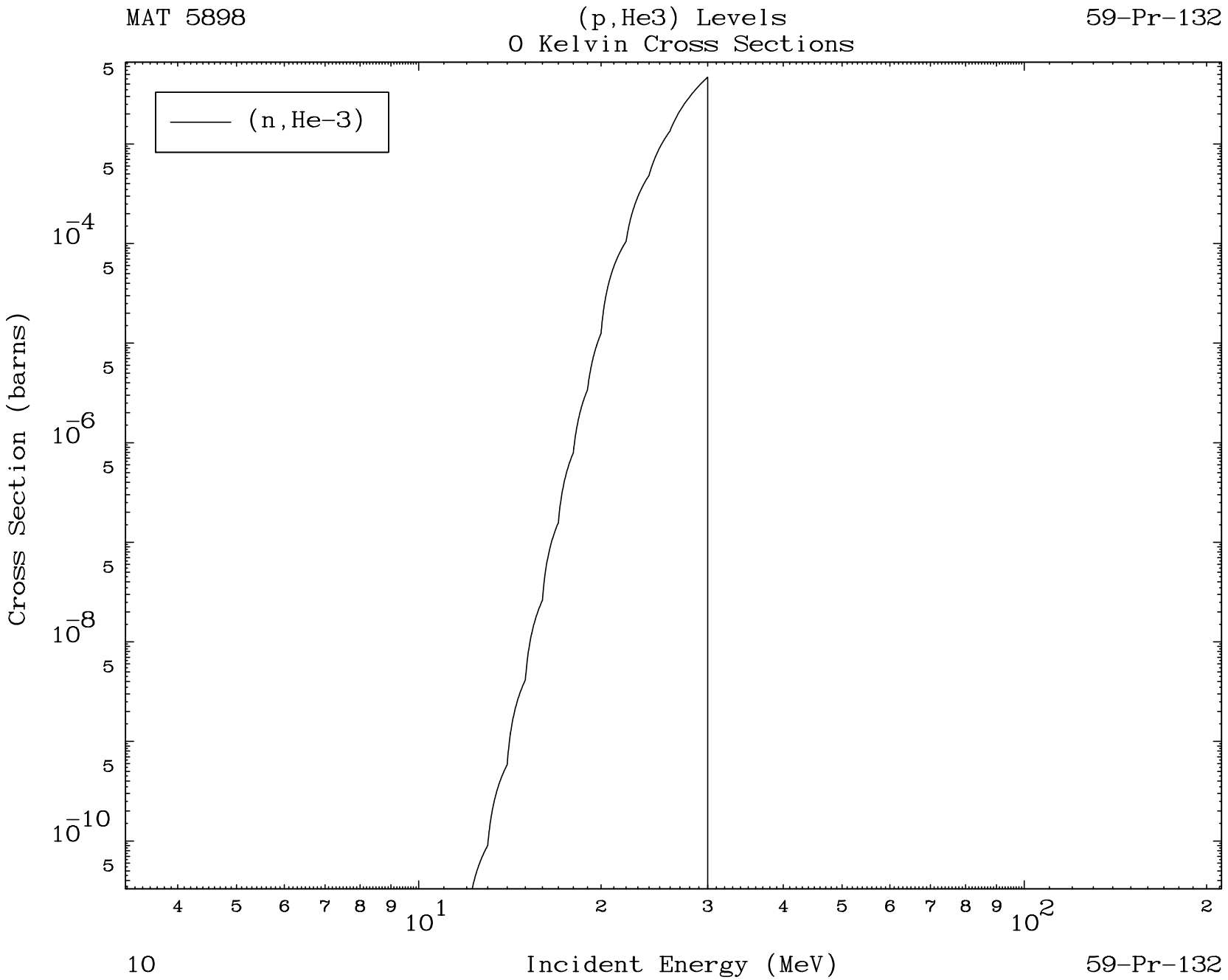

MAT 5898
Proton Charged Particle
0 Kelvin Cross Sections
59-Pr-132
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
59-Pr-132
5

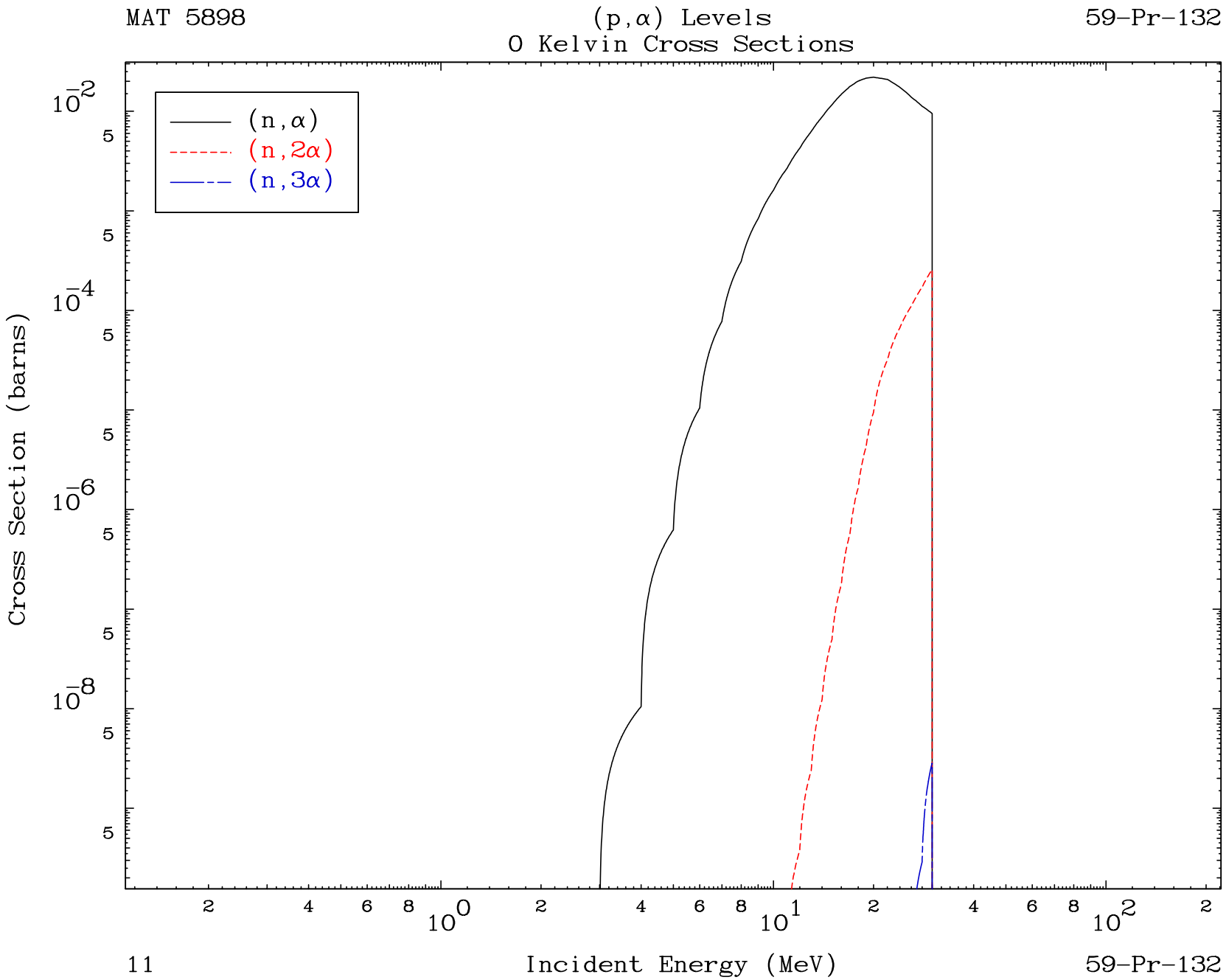

MAT 5898
Proton Charged Particle
0 Kelvin Cross Sections
59-Pr-132
(n,n') α
(n,He-3)
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
59-Pr-132

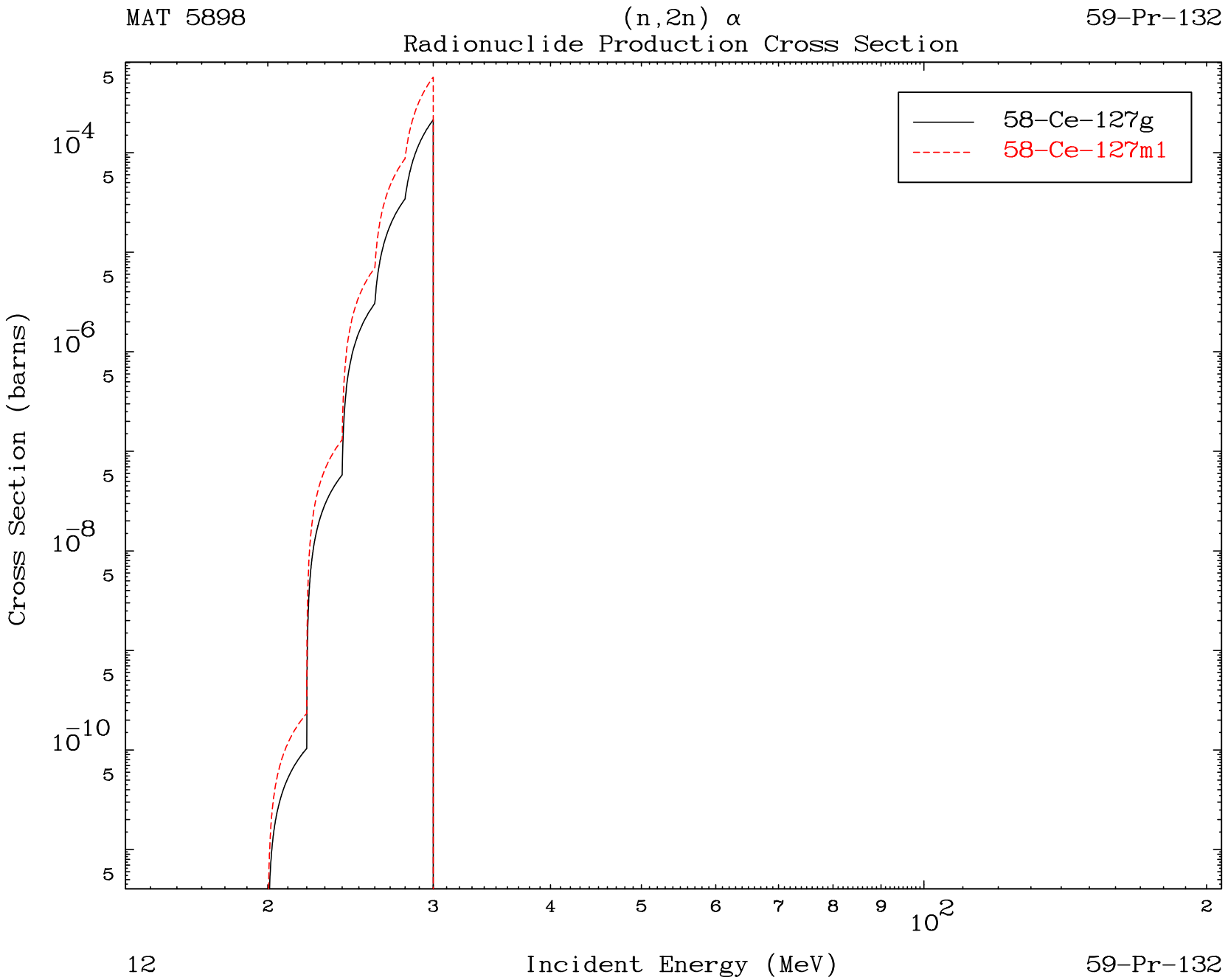

MAT 5898
(p,p) Levels
59-Pr-132
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
7
59-Pr-132

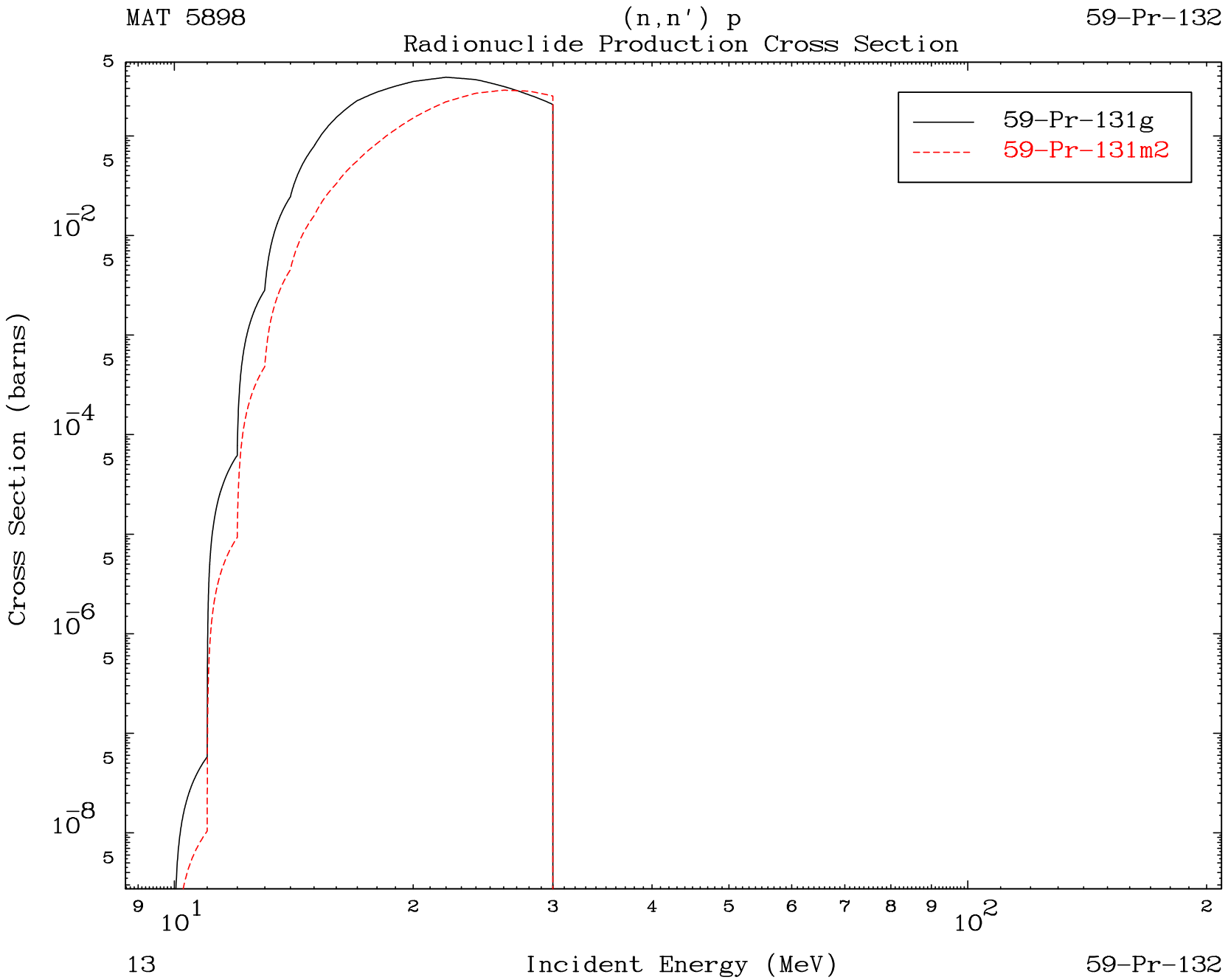

MAT 5898
(p,d) Levels
59-Pr-132
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
Incident Energy (MeV)
10 1
10 2
8
59-Pr-132

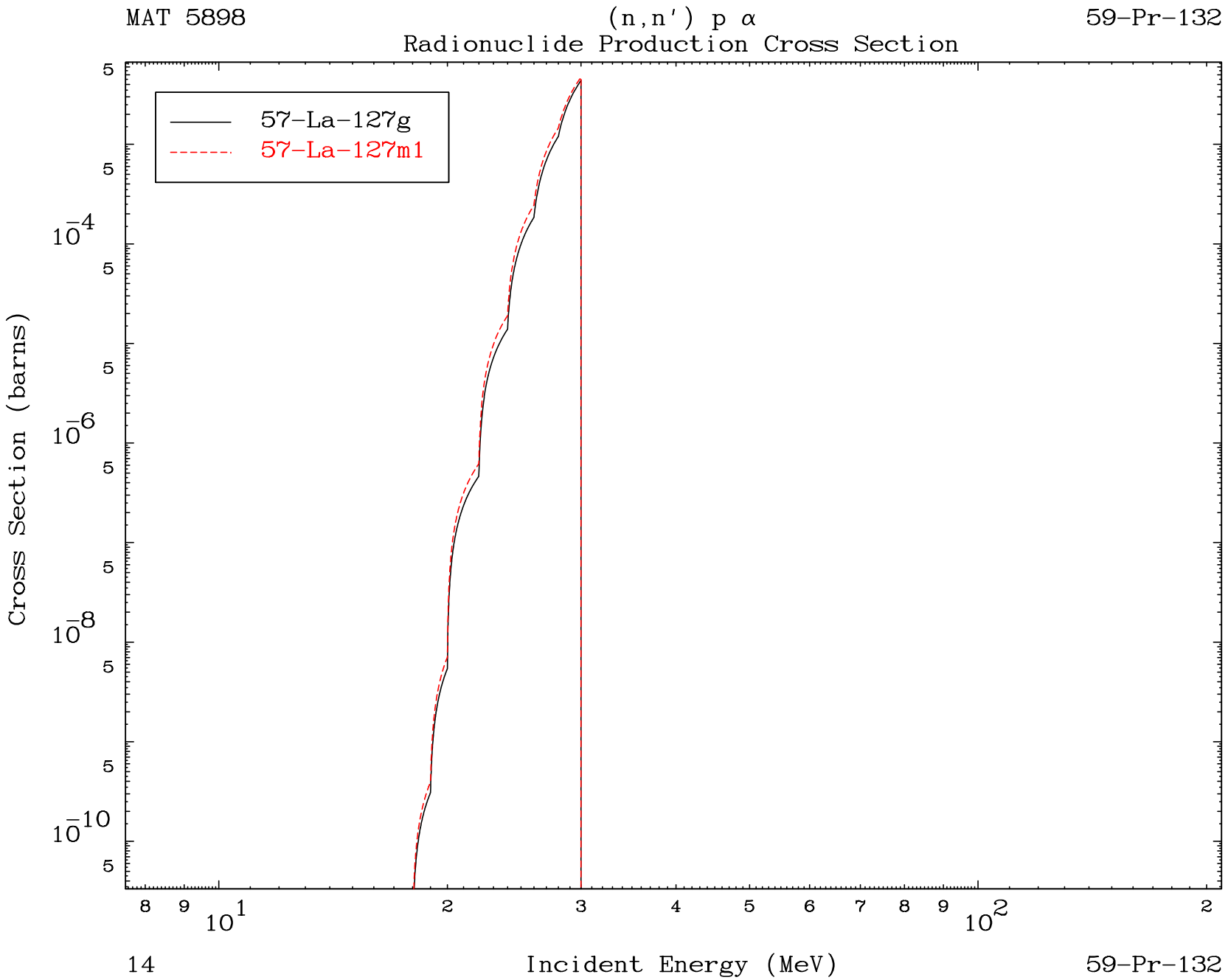

MAT 5898
(p,t) Levels
59-Pr-132
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
9
Incident Energy (MeV)
59-Pr-132

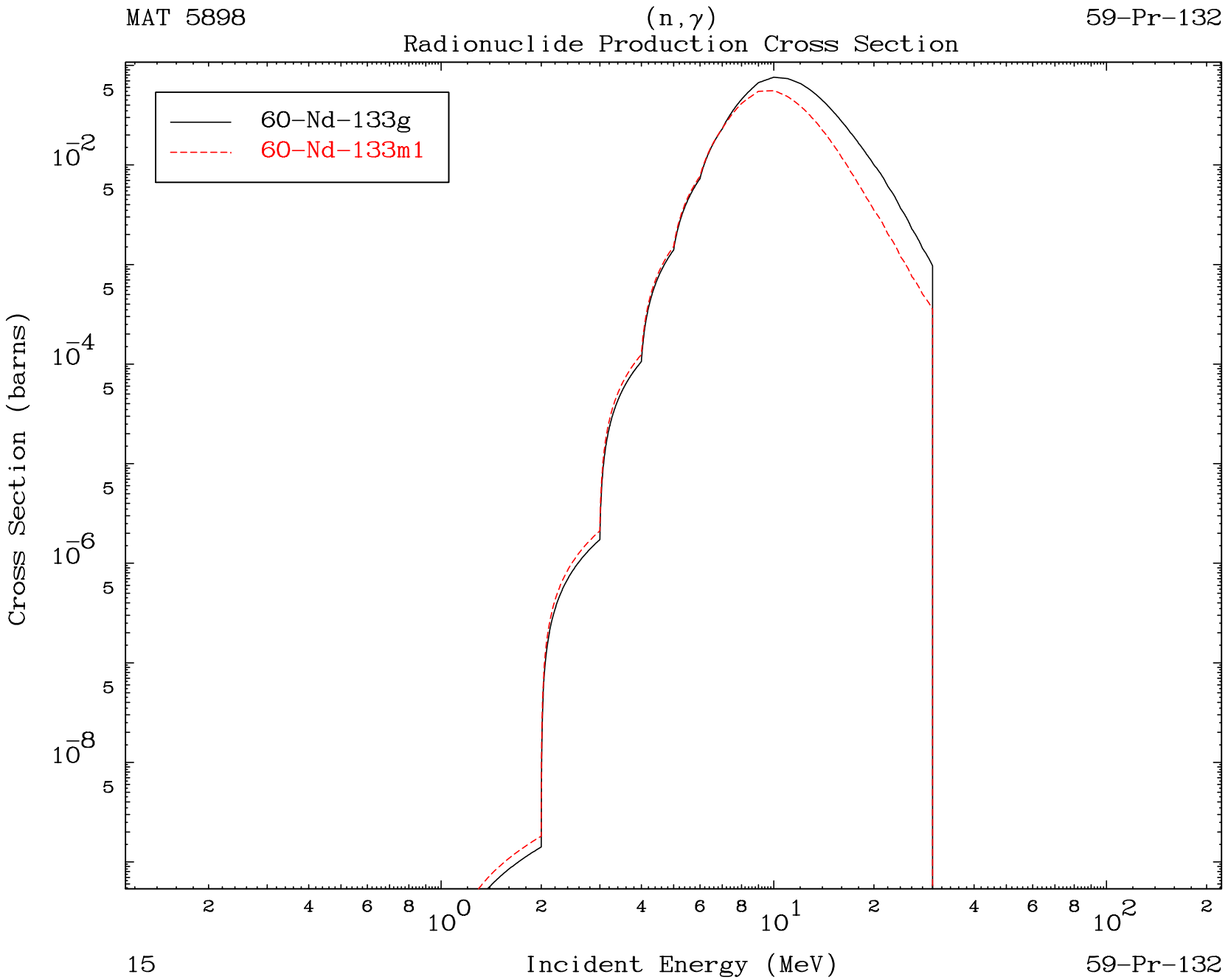

MAT 5898
(p,He3) Levels
59-Pr-132
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
59-Pr-132

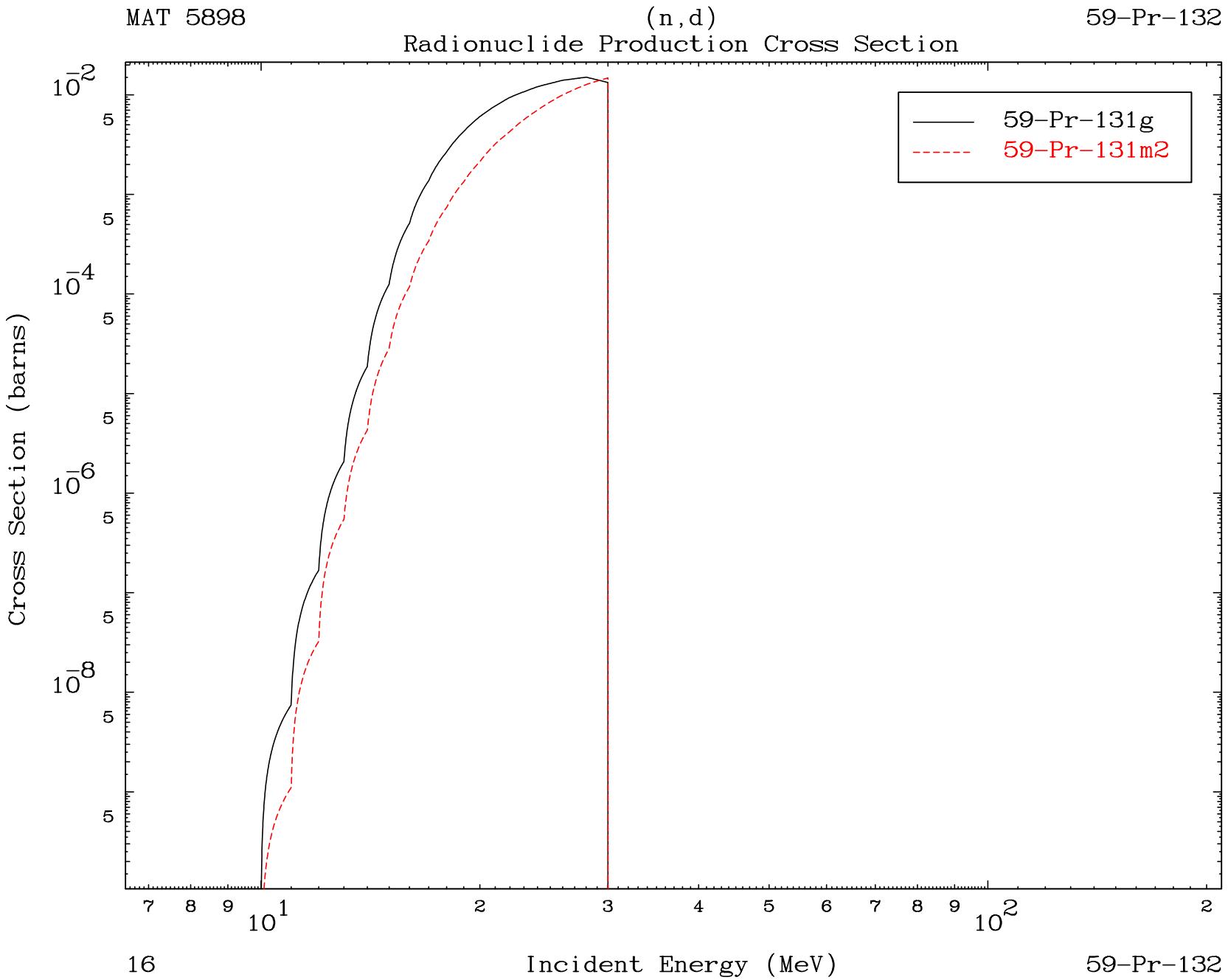

MAT 5898
(p,α) Levels
59-Pr-132
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
11
Incident Energy (MeV)
59-Pr-132

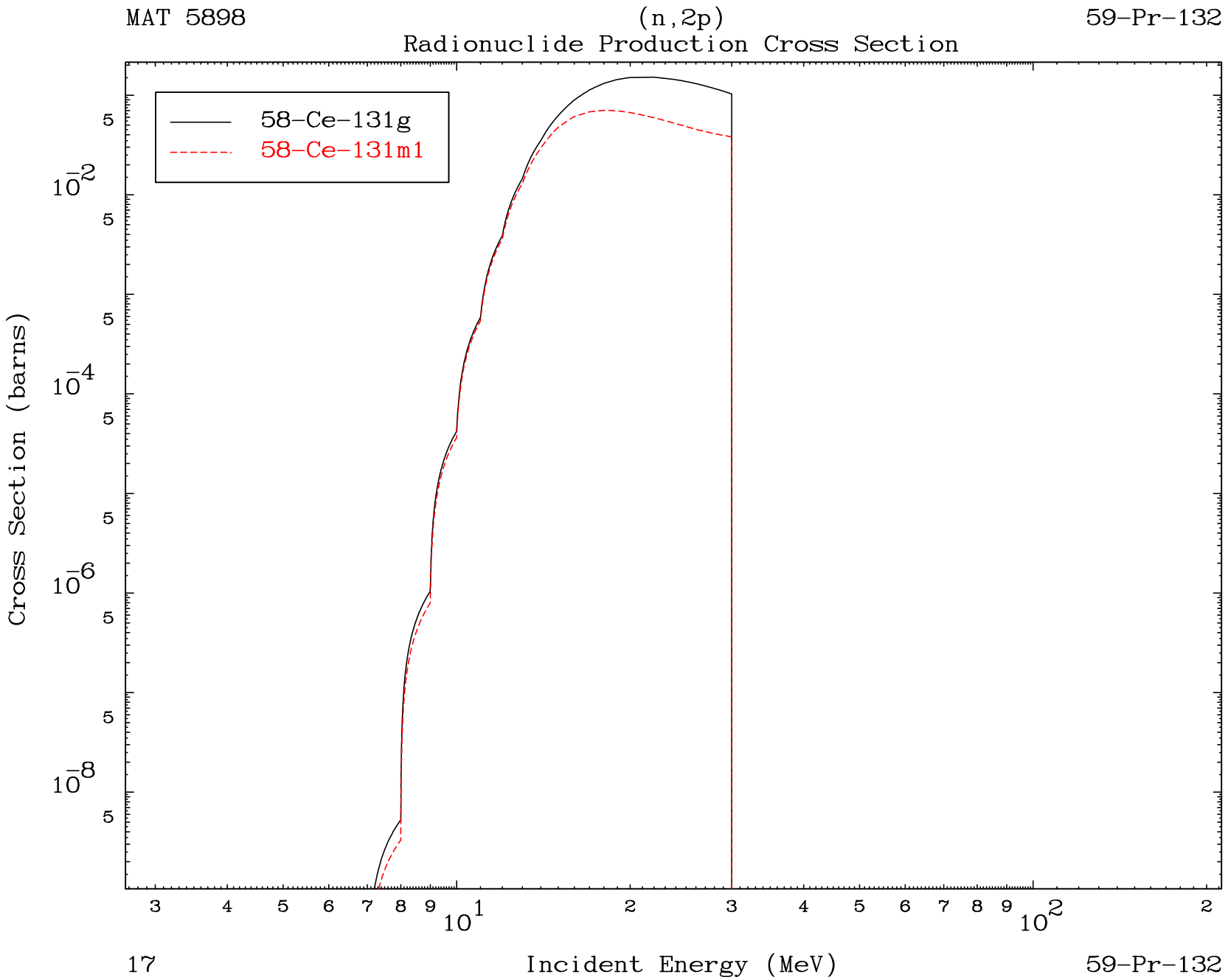

MAT 5898
(n,2n) α
59-Pr-132
Radionuclide Production Cross Section
58-Ce-127g
58-Ce-127m1
Cross Section (barns)
Incident Energy (MeV)
12
59-Pr-132

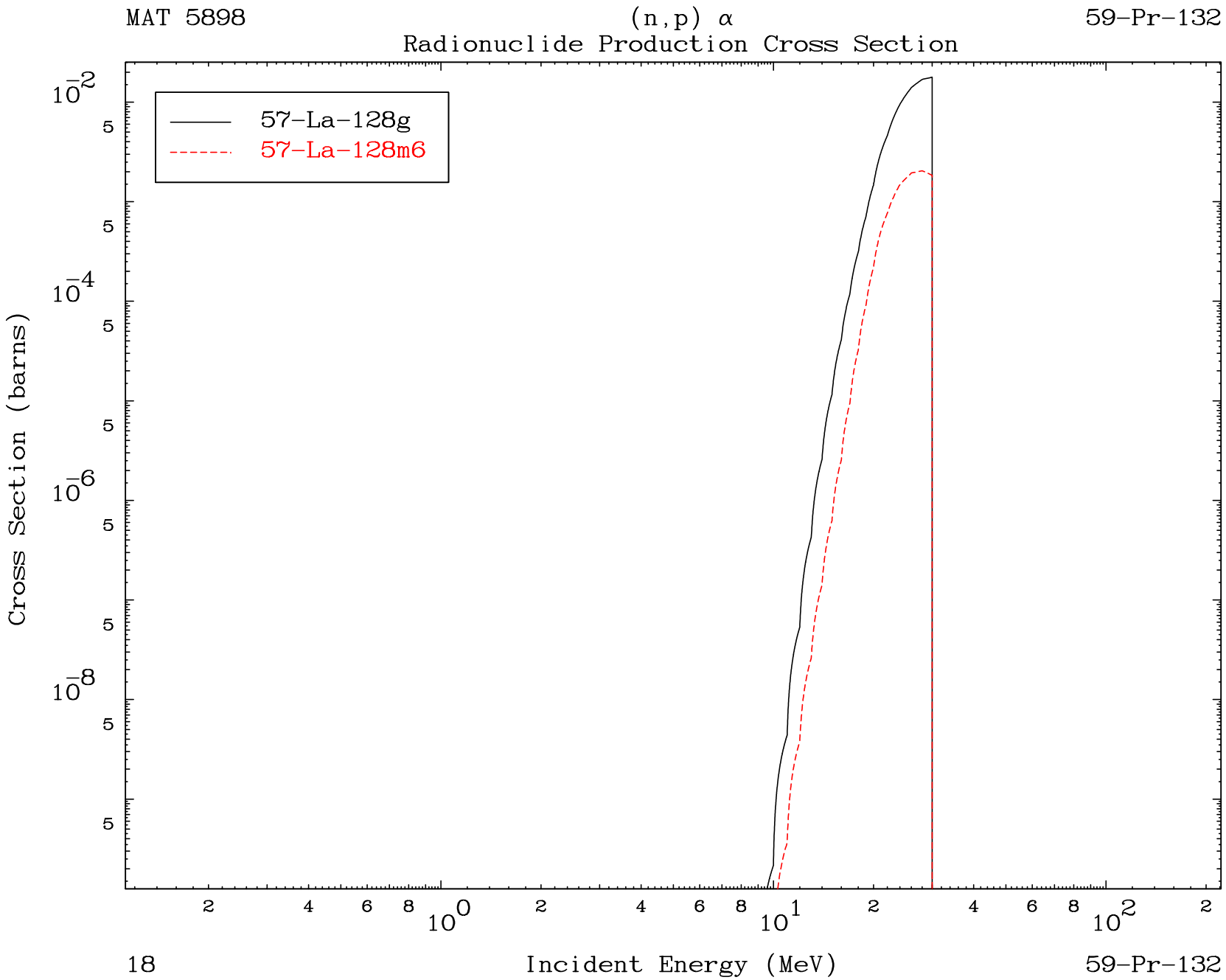

MAT 5898
(n,n') p
59-Pr-132
Radionuclide Production Cross Section
59-Pr-131g
59-Pr-131m2
Cross Section (barns)
10-2
10-4
10-6
10-8
10 1
10 2
Incident Energy (MeV)
13
59-Pr-132

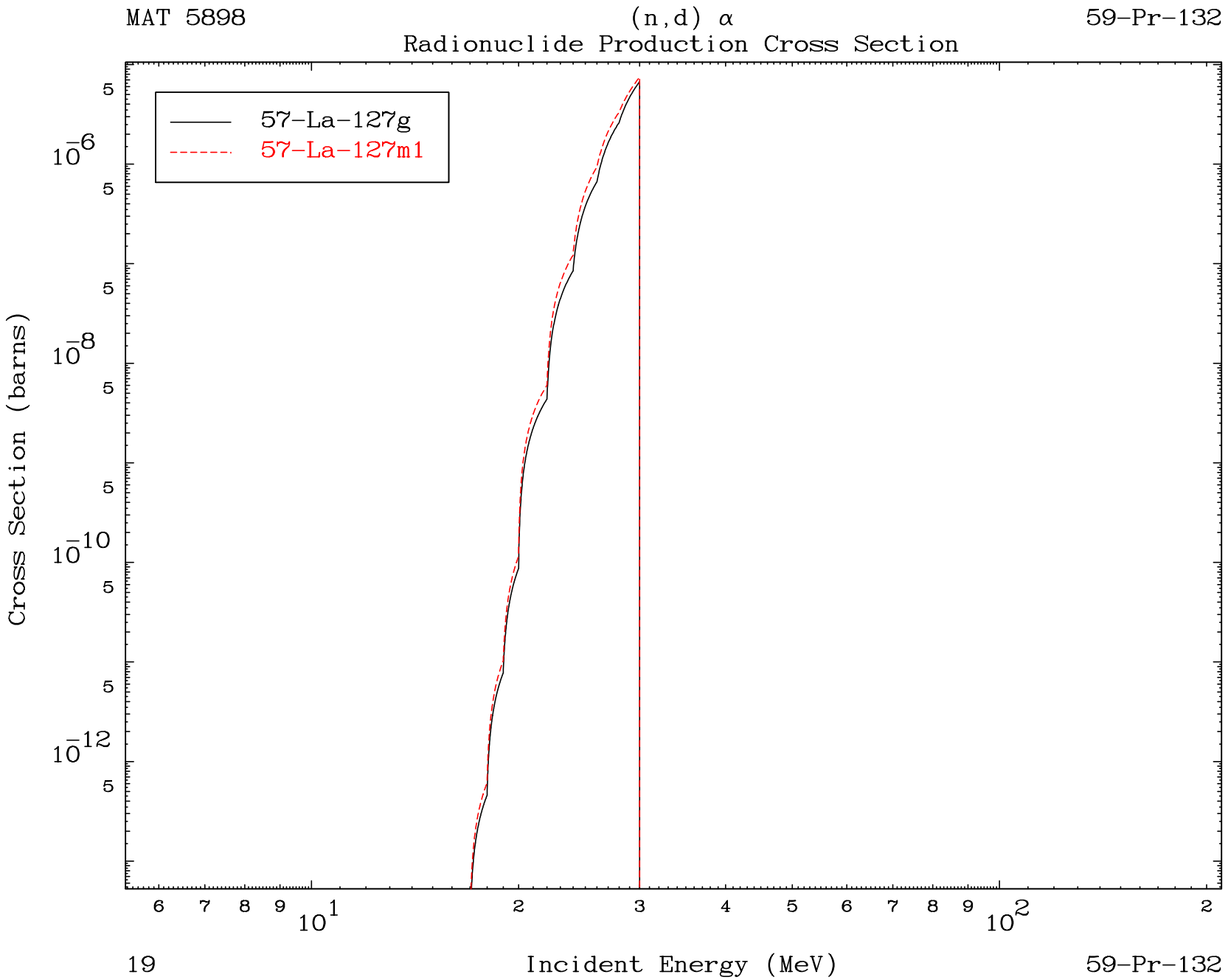

MAT 5898
(n,n') p α
59-Pr-132
Radionuclide Production Cross Section
57-La-127g
57-La-127m1
Cross Section (barns)
Incident Energy (MeV)
14
59-Pr-132


MAT 5898
(n,γ)
59-Pr-132
Radionuclide Production Cross Section
60-Nd-133g
60-Nd-133m1
Cross Section (barns)
Incident Energy (MeV)
15
59-Pr-132


MAT 5898
(n,d)
59-Pr-132
Radionuclide Production Cross Section
59-Pr-131g
59-Pr-131m2
Cross Section (barns)
Incident Energy (MeV)
16
59-Pr-132


MAT 5898
(n,2p)
59-Pr-132
Radionuclide Production Cross Section
58-Ce-131g
58-Ce-131m1
Cross Section (barns)
Incident Energy (MeV)
17
59-Pr-132


MAT 5898
(n,p) α
59-Pr-132
Radionuclide Production Cross Section
57-La-128g
57-La-128m6
Cross Section (barns)
Incident Energy (MeV)
18
59-Pr-132


MAT 5898
(n,d) α
59-Pr-132
Radionuclide Production Cross Section
57-La-127g
57-La-127m1
Cross Section (barns)
Incident Energy (MeV)
19
59-Pr-132