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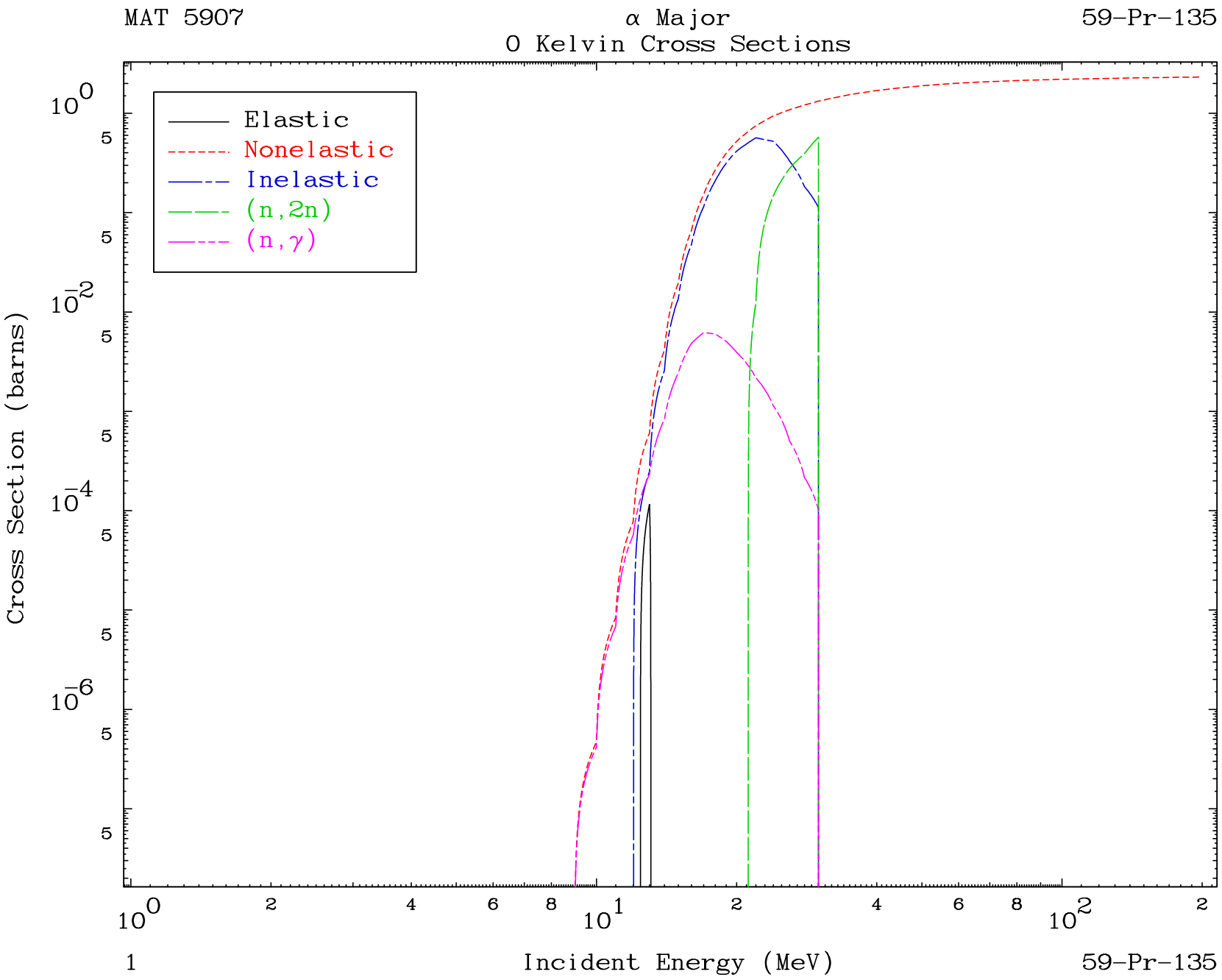
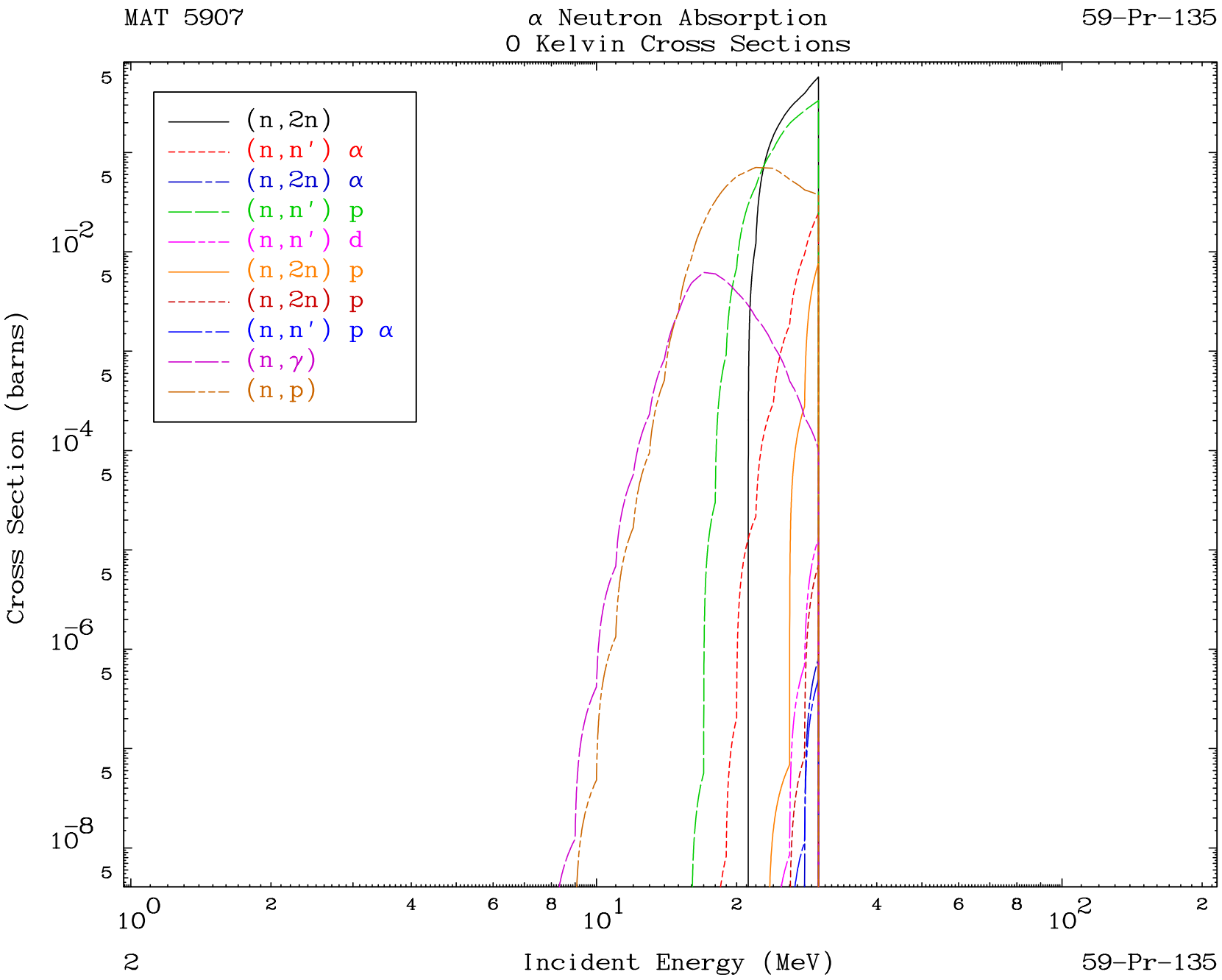
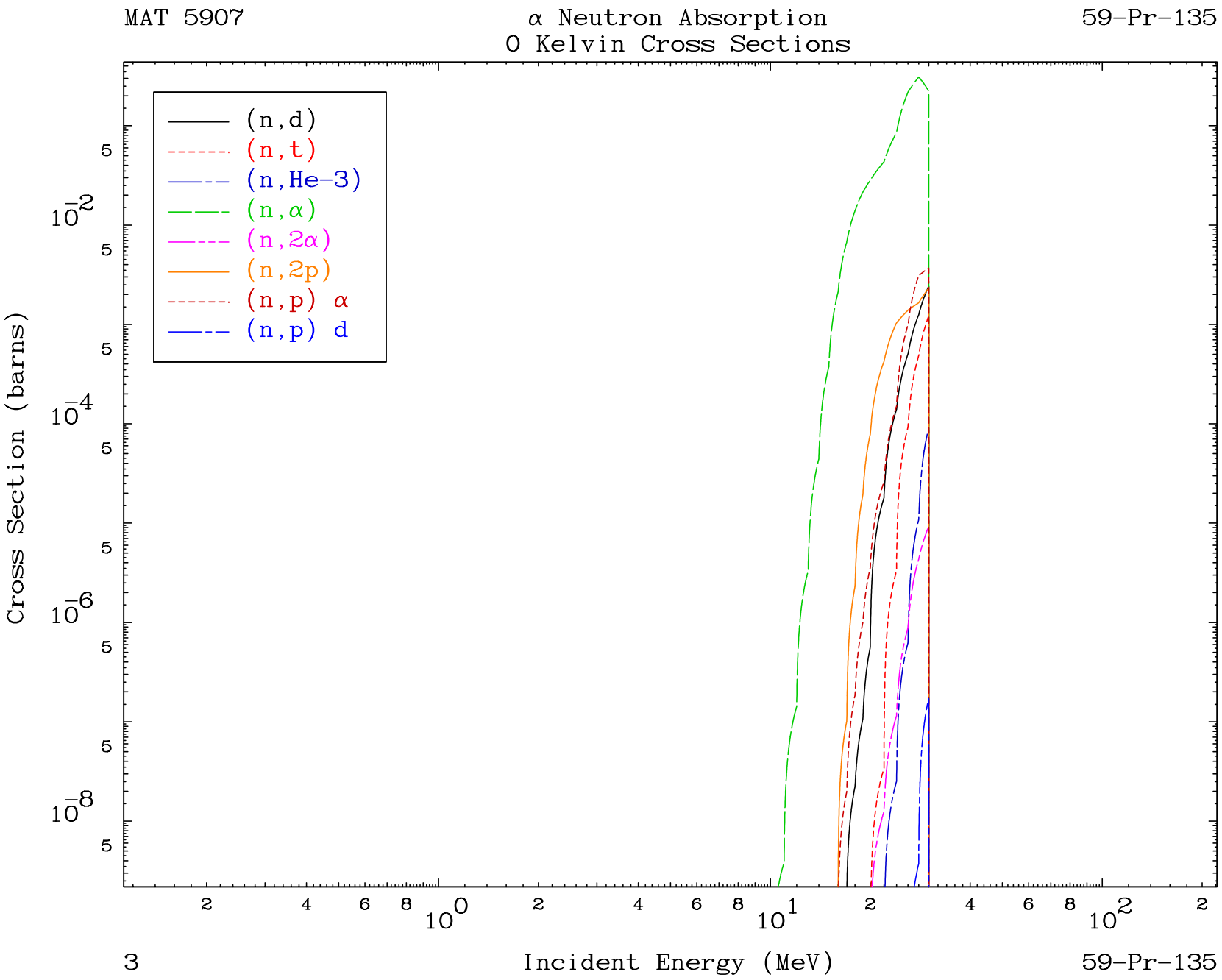
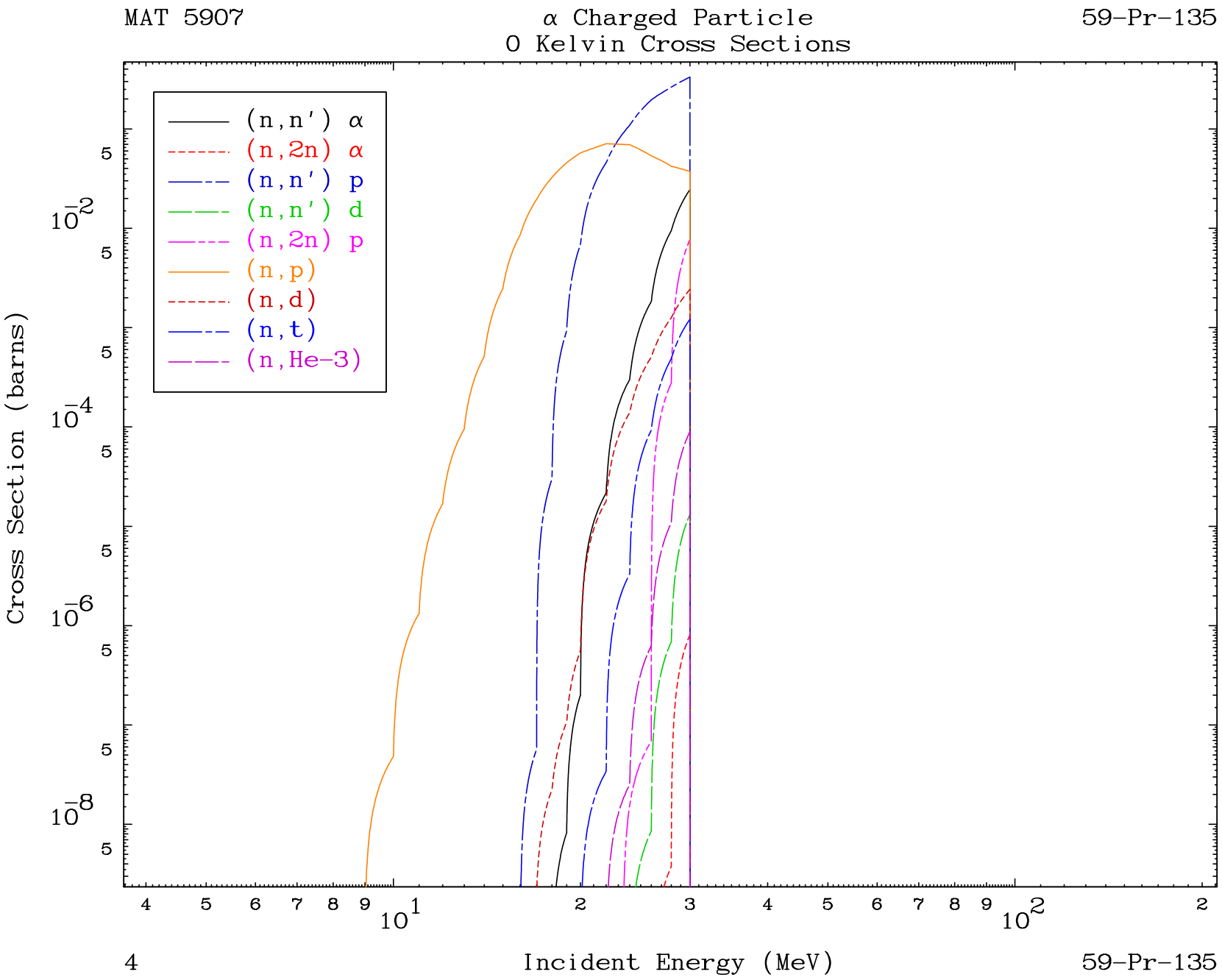
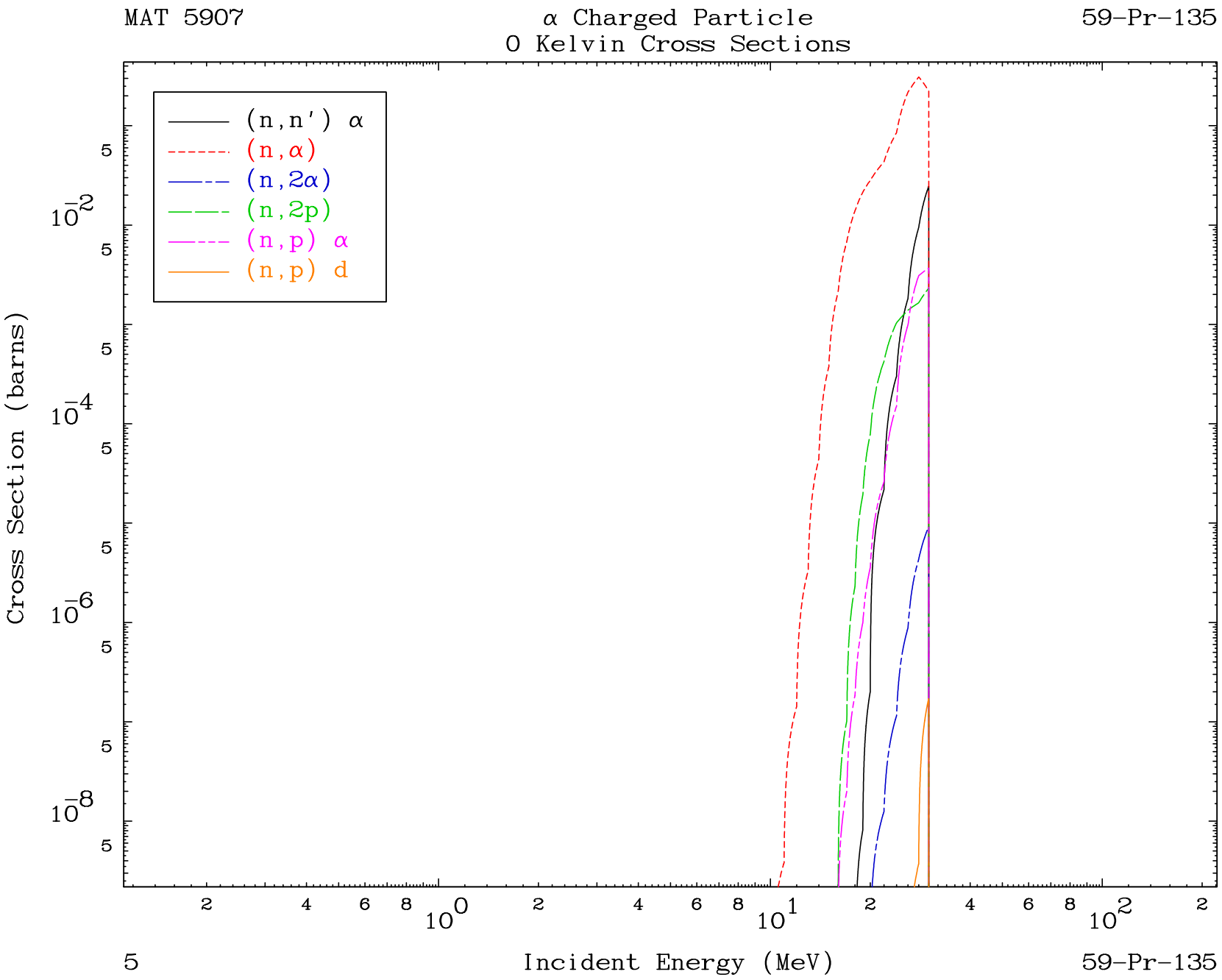
Press Mouse Button to Start


MAT 5907
α Major
59-Pr-135
0 Kelvin Cross Sections
Elastic
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
59-Pr-135

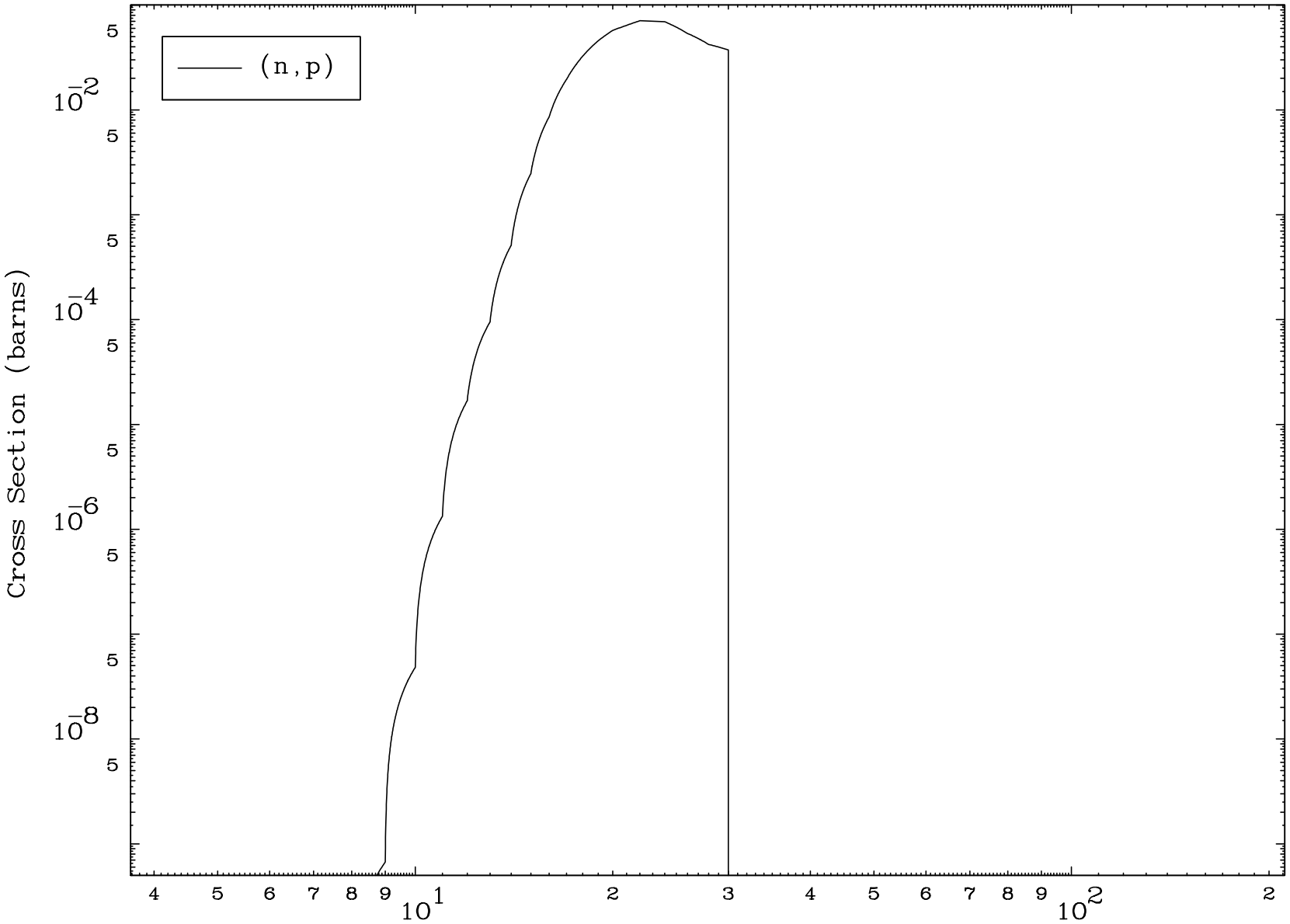

MAT 5907
α Neutron Absorption
0 Kelvin Cross Sections
59-Pr-135
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
59-Pr-135


MAT 5907
α Neutron Absorption
0 Kelvin Cross Sections
59-Pr-135
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
3
59-Pr-135

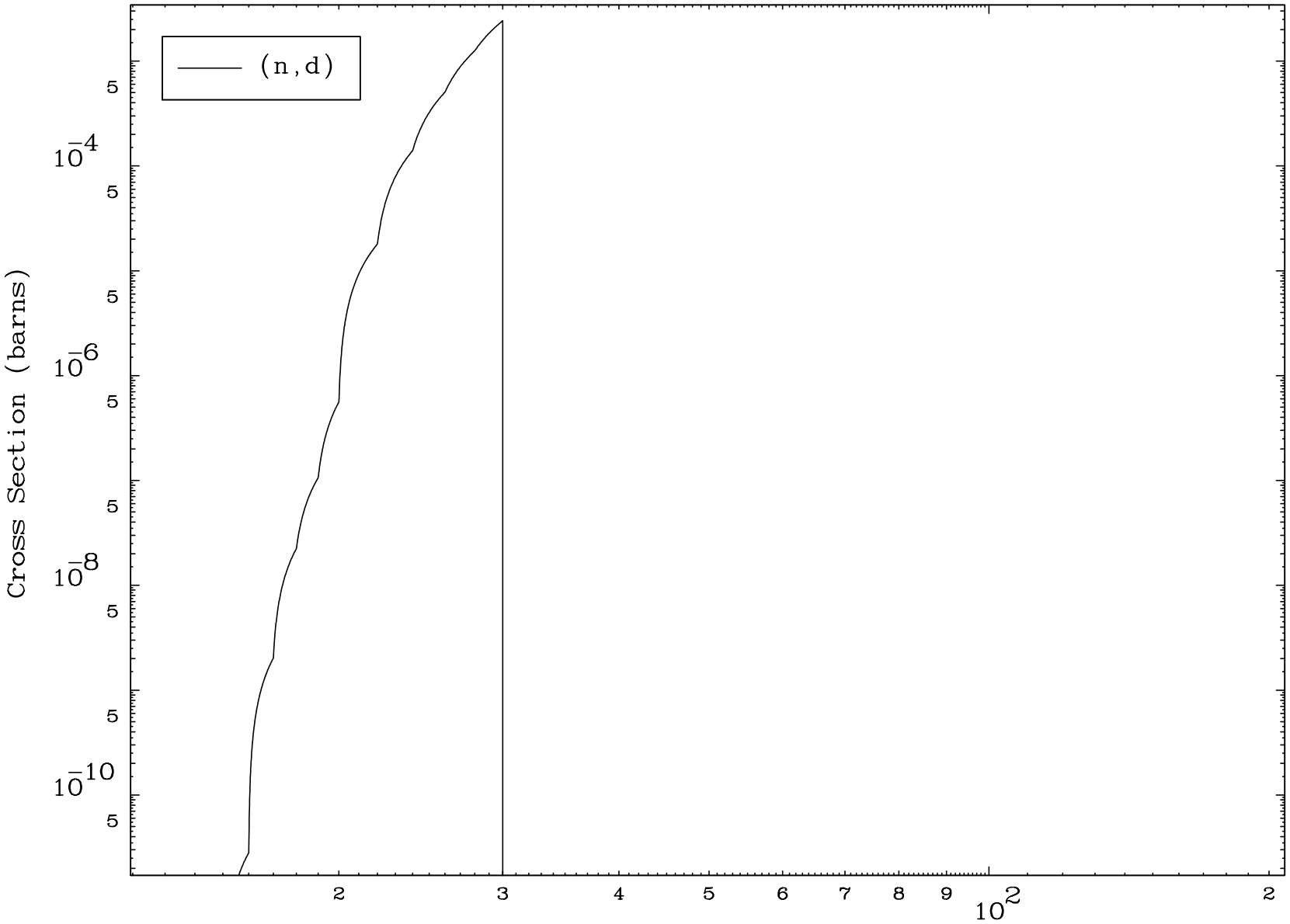

MAT 5907
α Charged Particle
0 Kelvin Cross Sections
59-Pr-135
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
4
59-Pr-135


MAT 5907
α Charged Particle
0 Kelvin Cross Sections
59-Pr-135
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
5
59-Pr-135

0 Kelvin Cross Sections

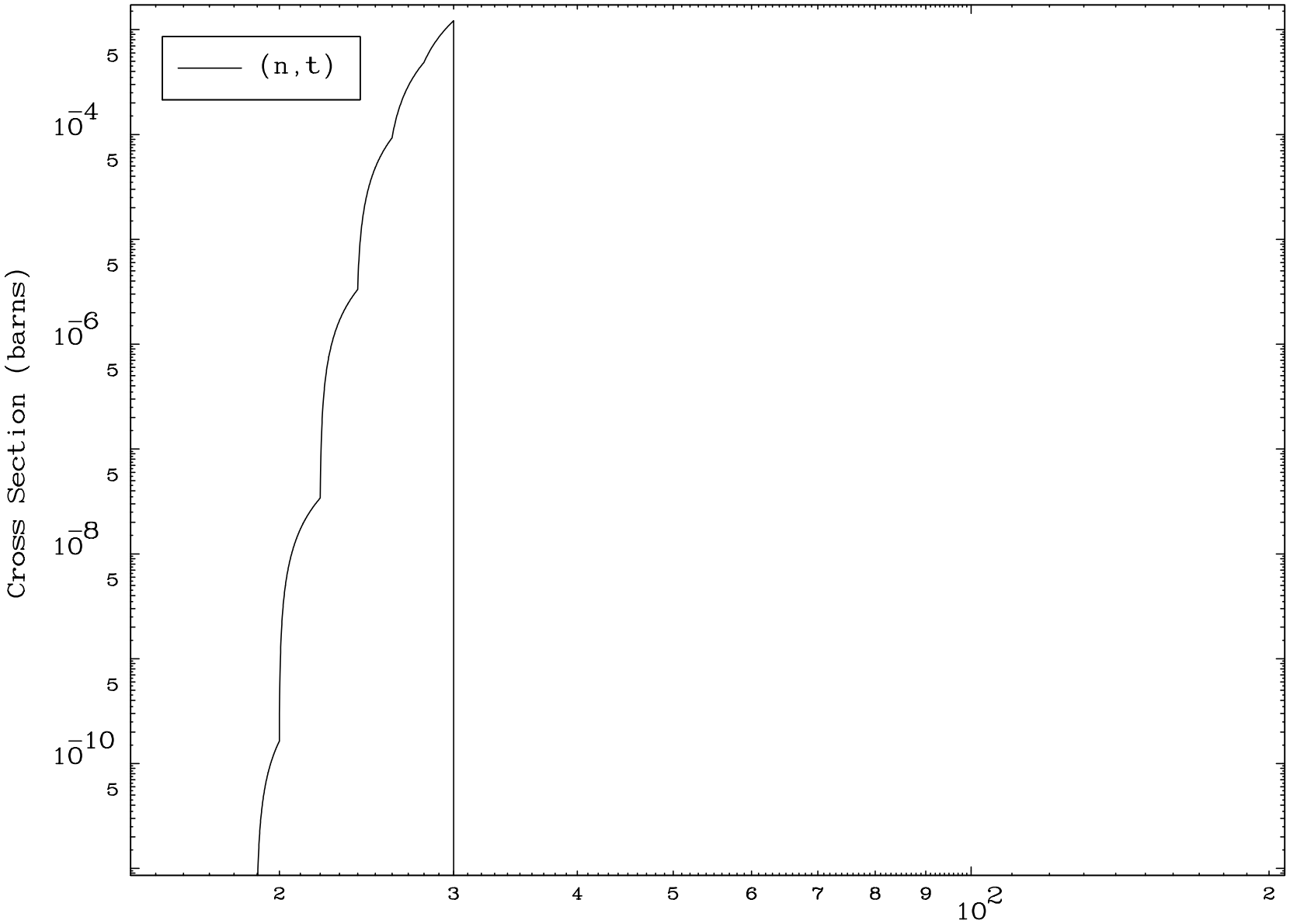


(α,d) Levels
0 Kelvin Cross Sections

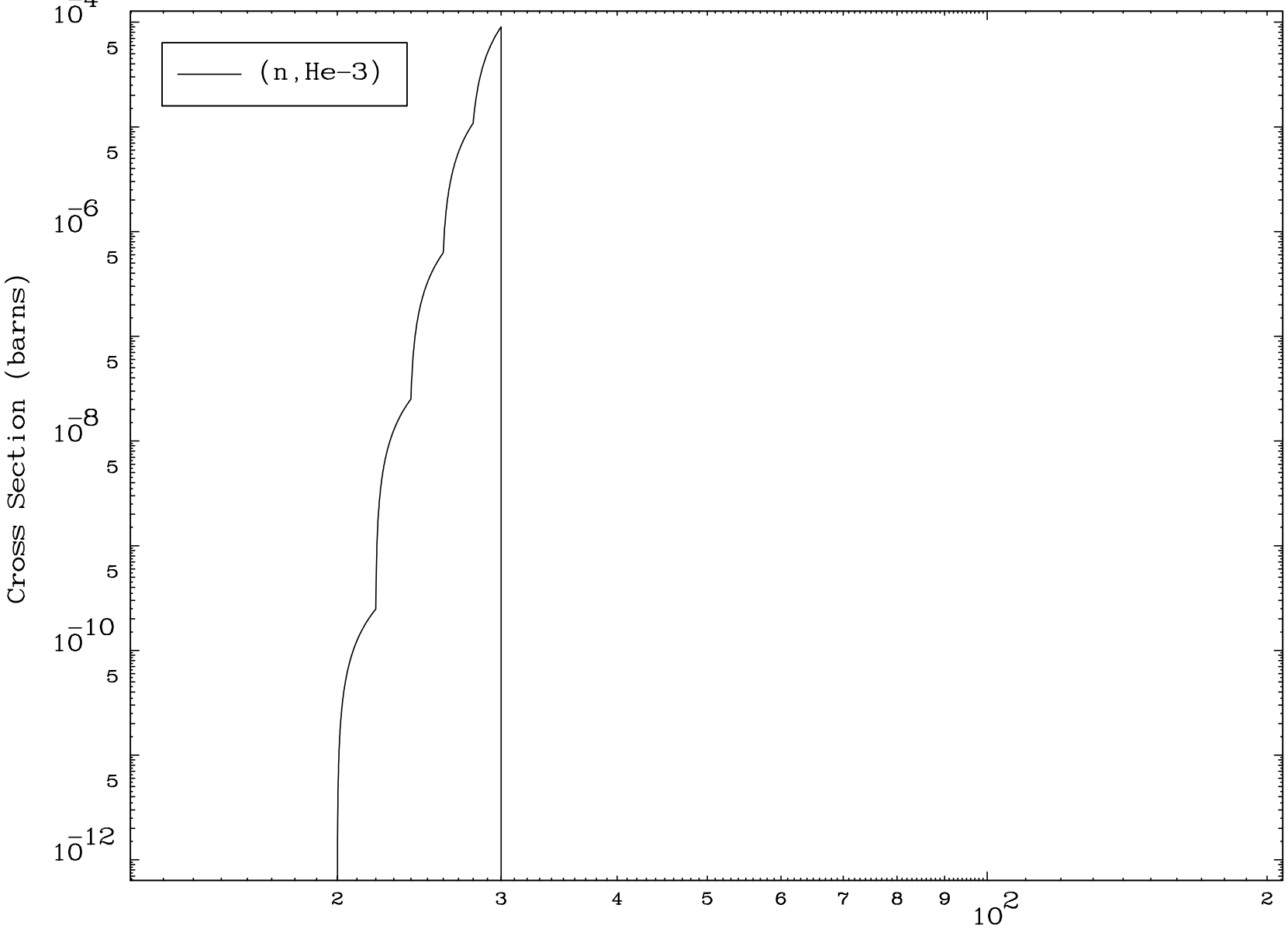


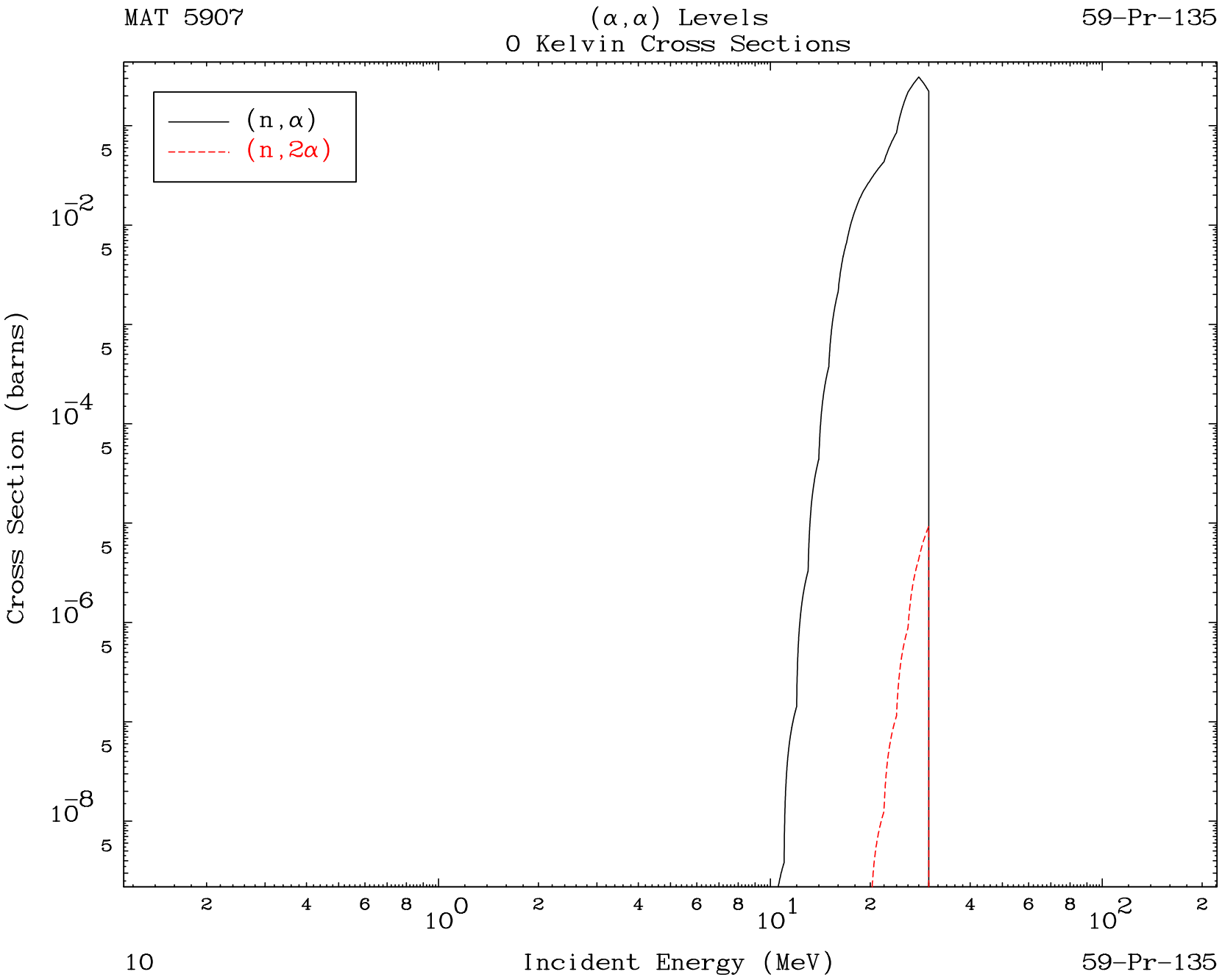
Incident Energy (MeV)

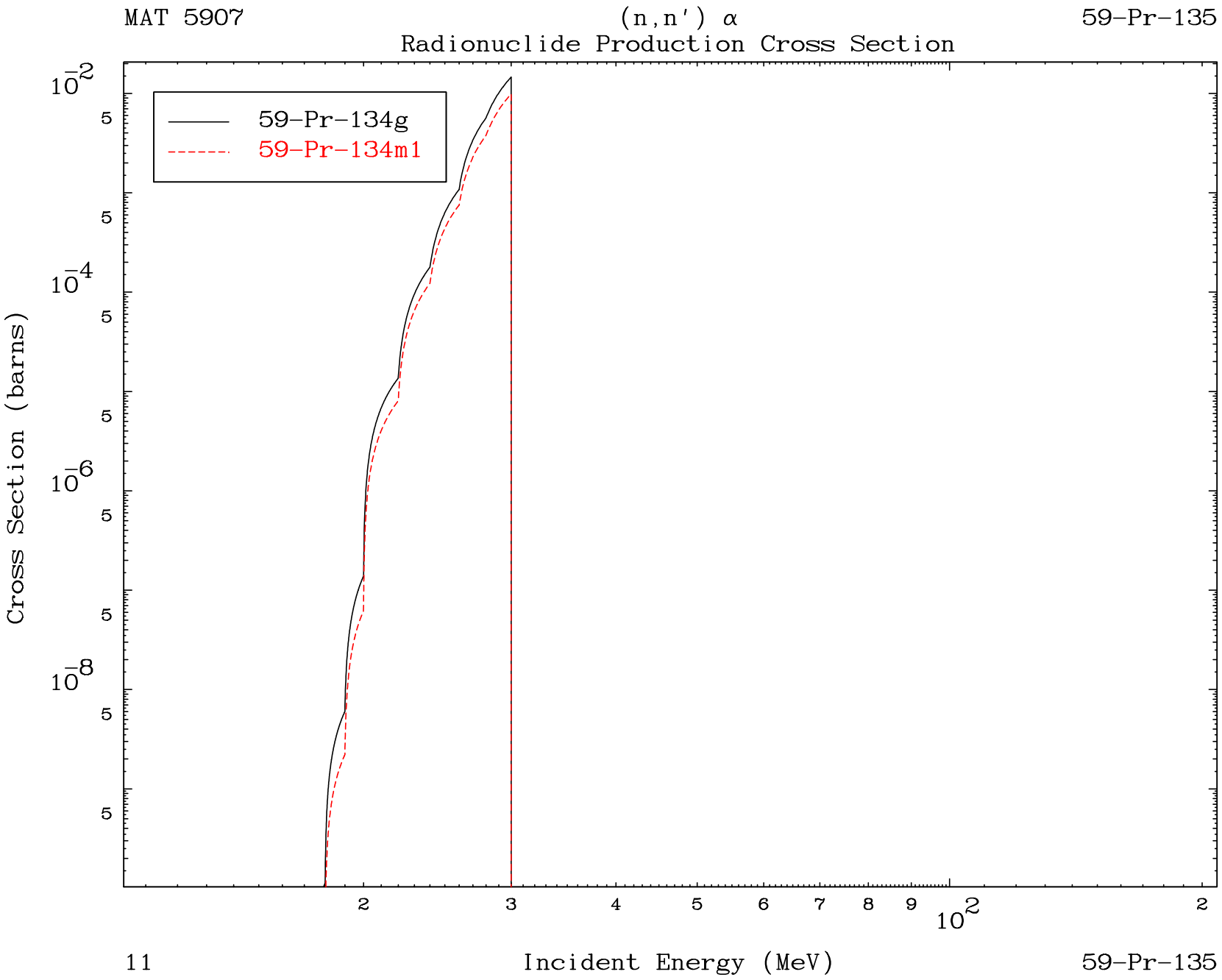
0 Kelvin Cross Sections

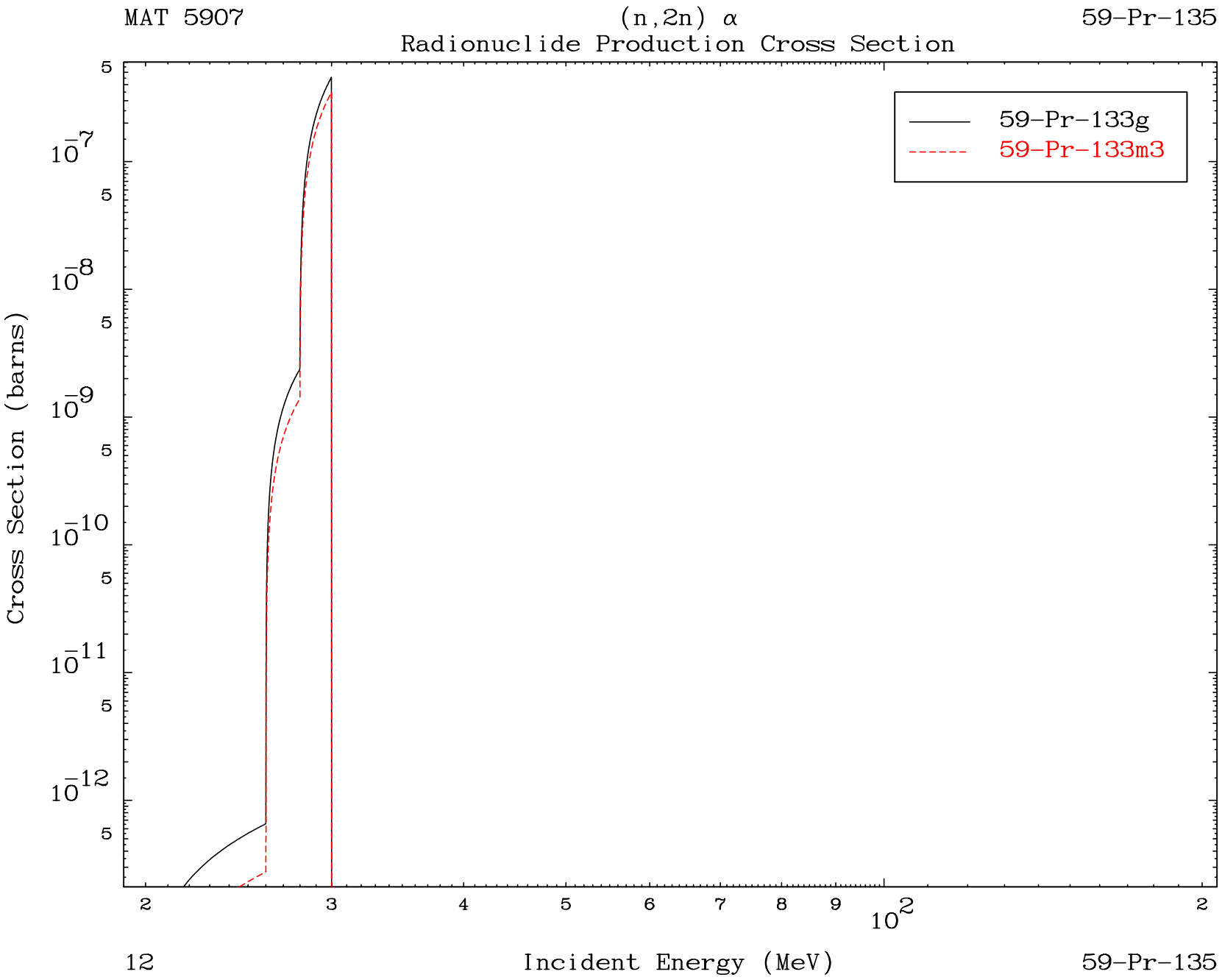


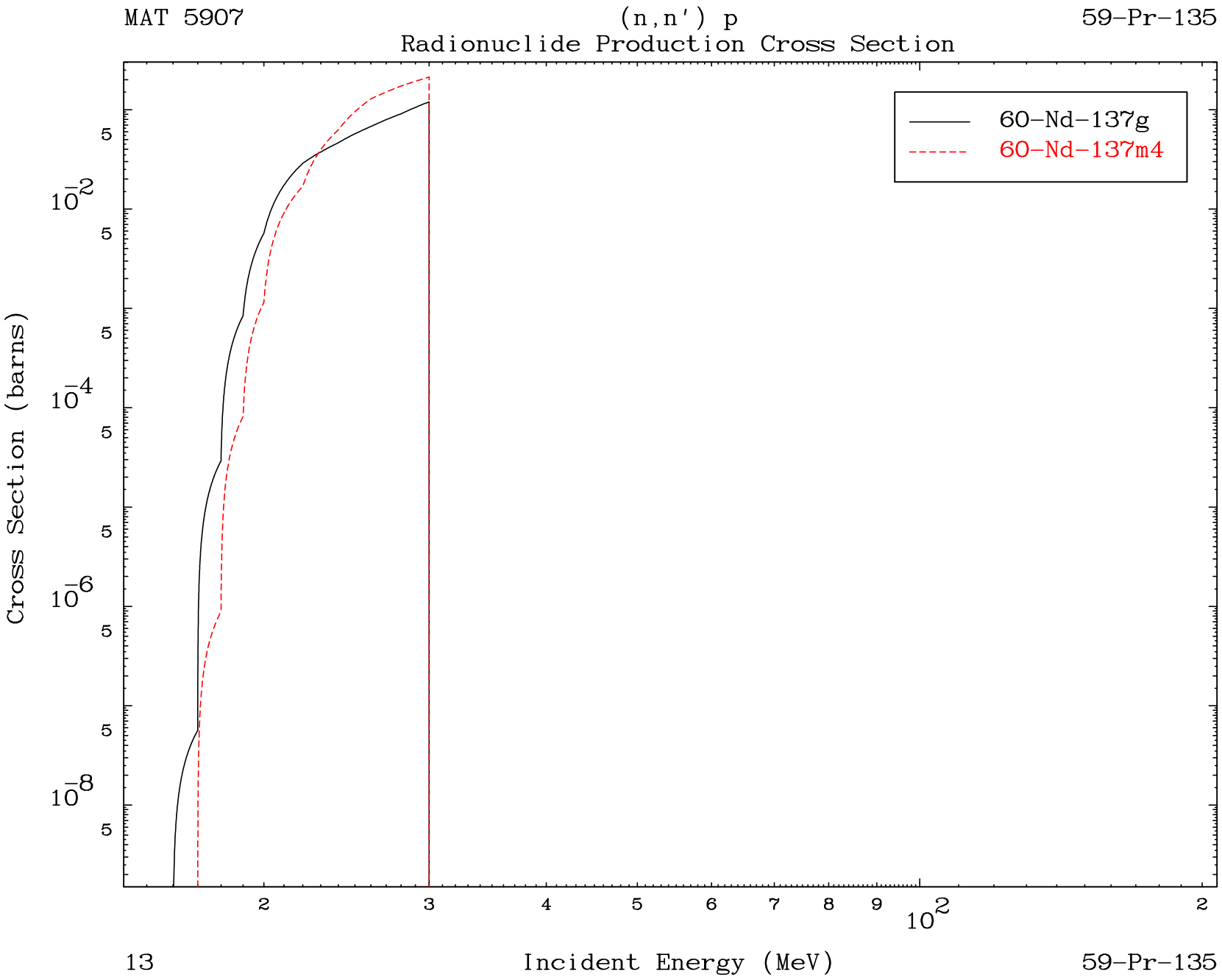
0 Kelvin Cross Sections

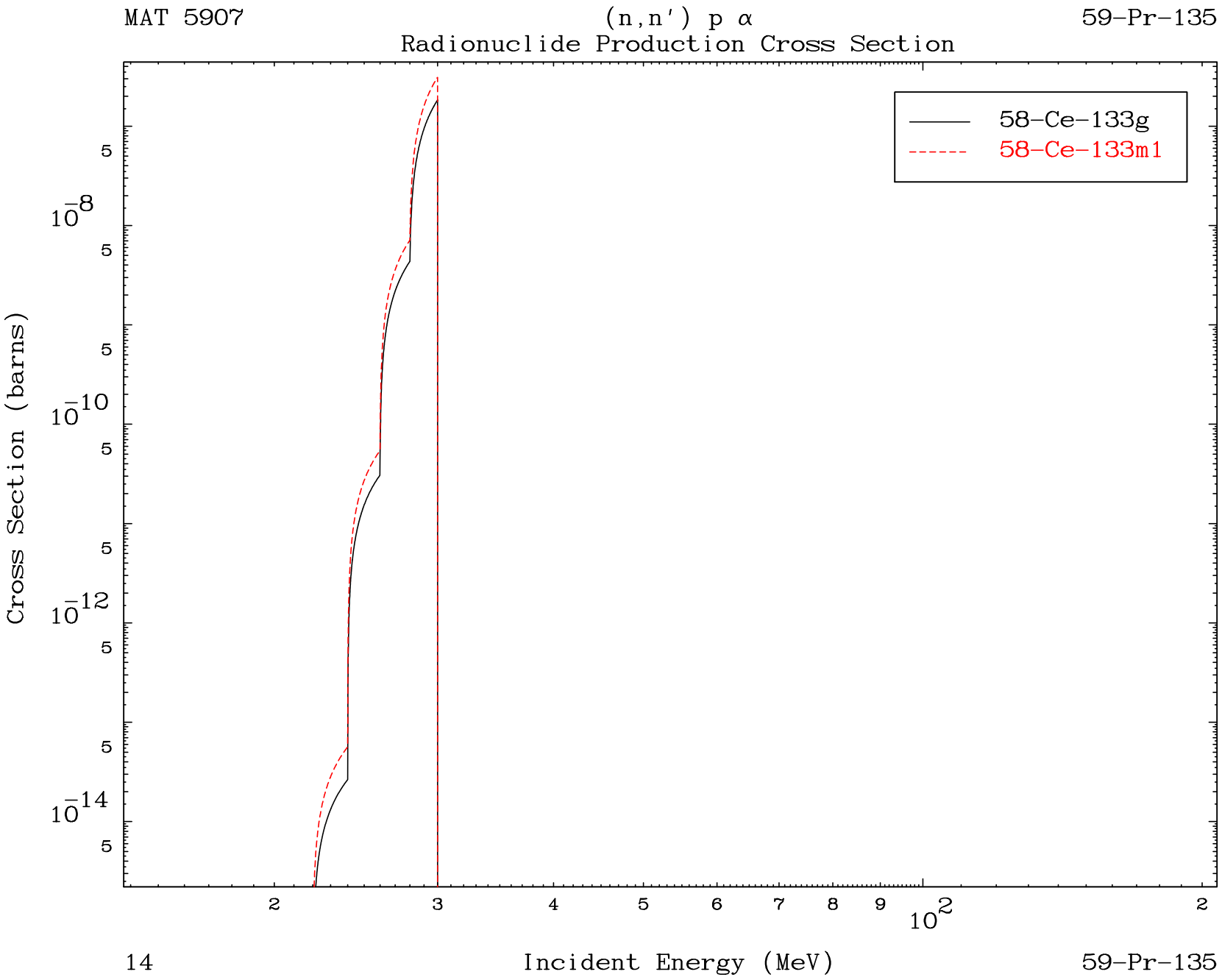


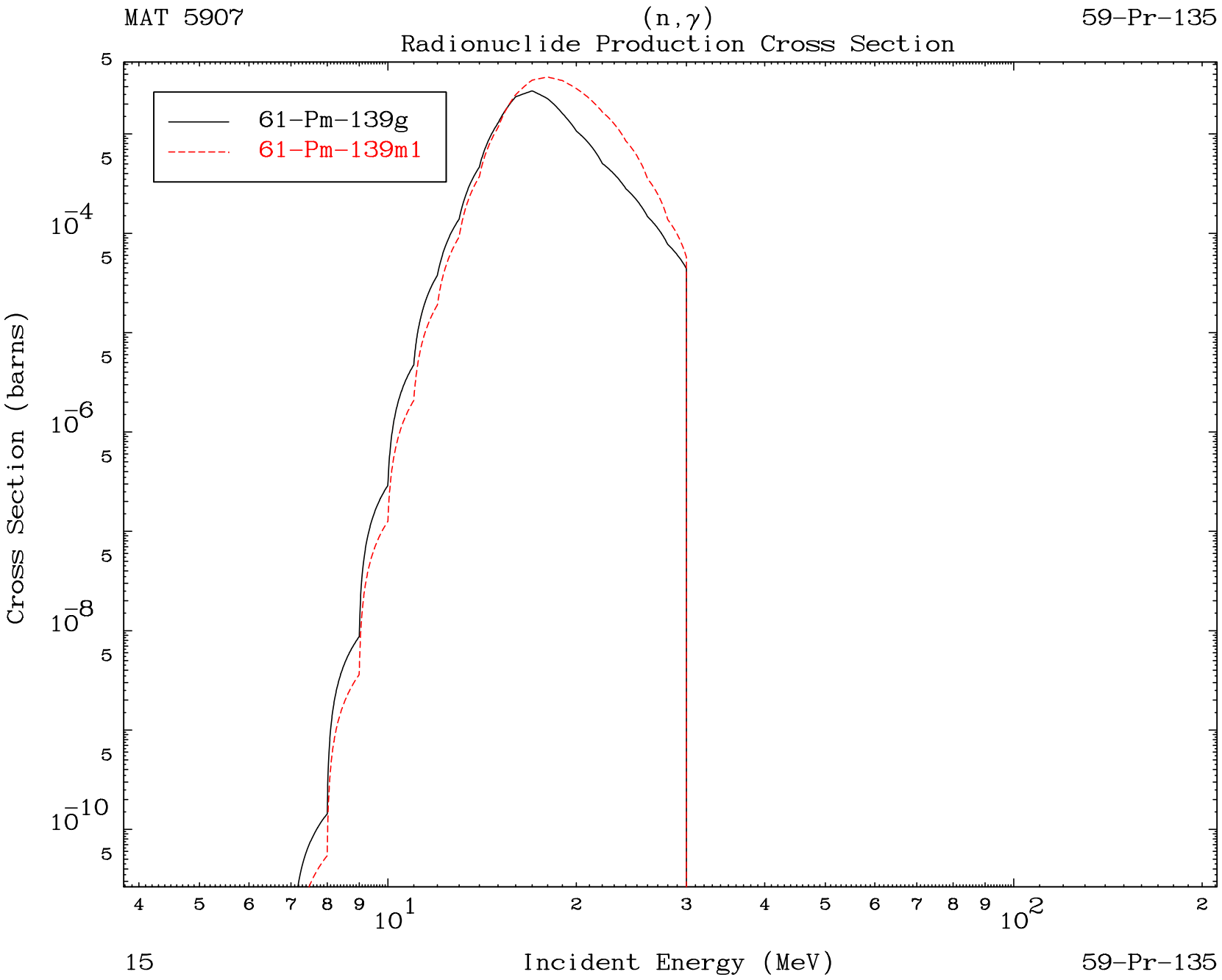

MAT 5907
(α,α) Levels
0 Kelvin Cross Sections
59-Pr-135
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
10
59-Pr-135

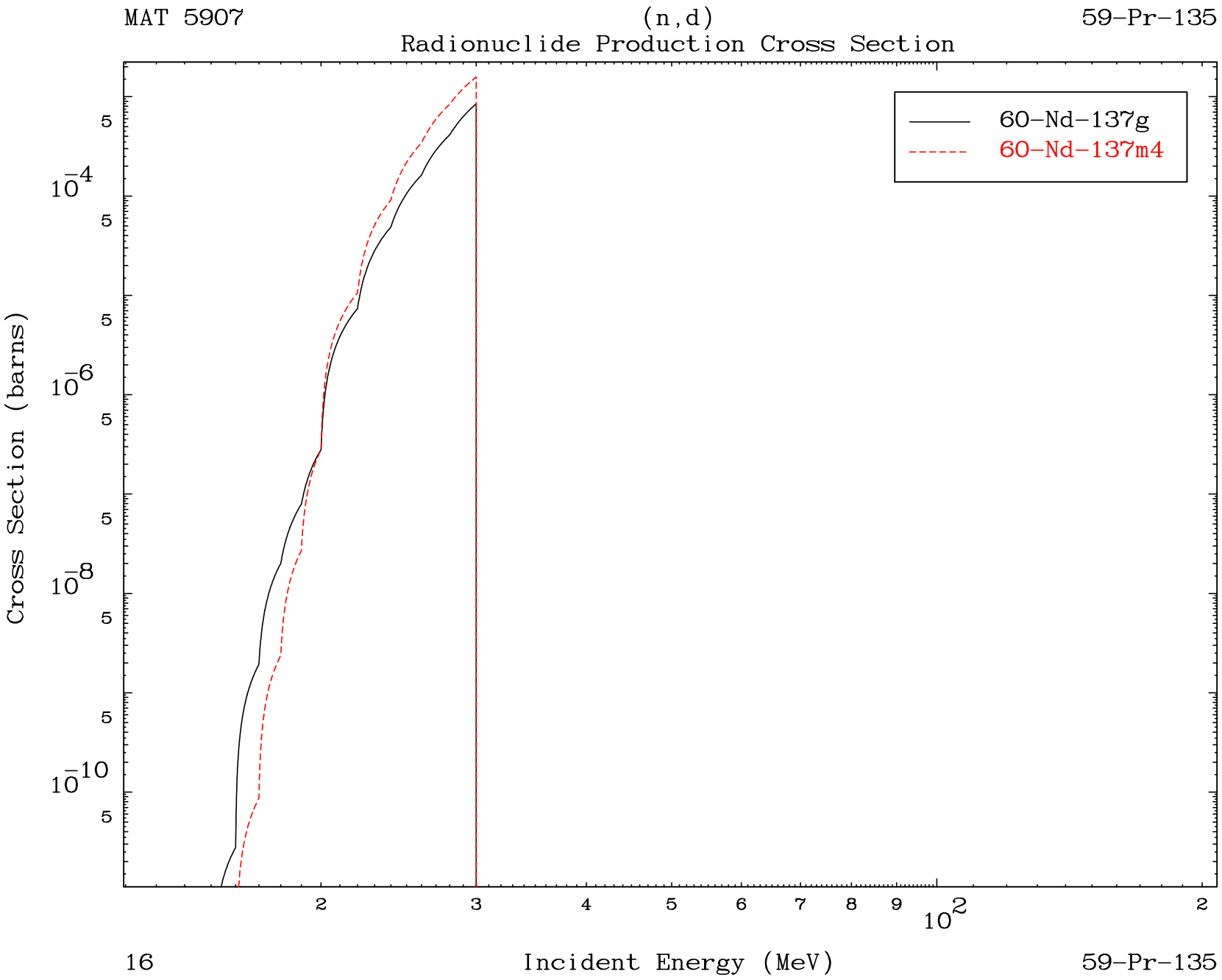

MAT 5907
(n,n') α
59-Pr-135
Radionuclide Production Cross Section
59-Pr-134g
59-Pr-134m1
Cross Section (barns)
Incident Energy (MeV)
11
59-Pr-135

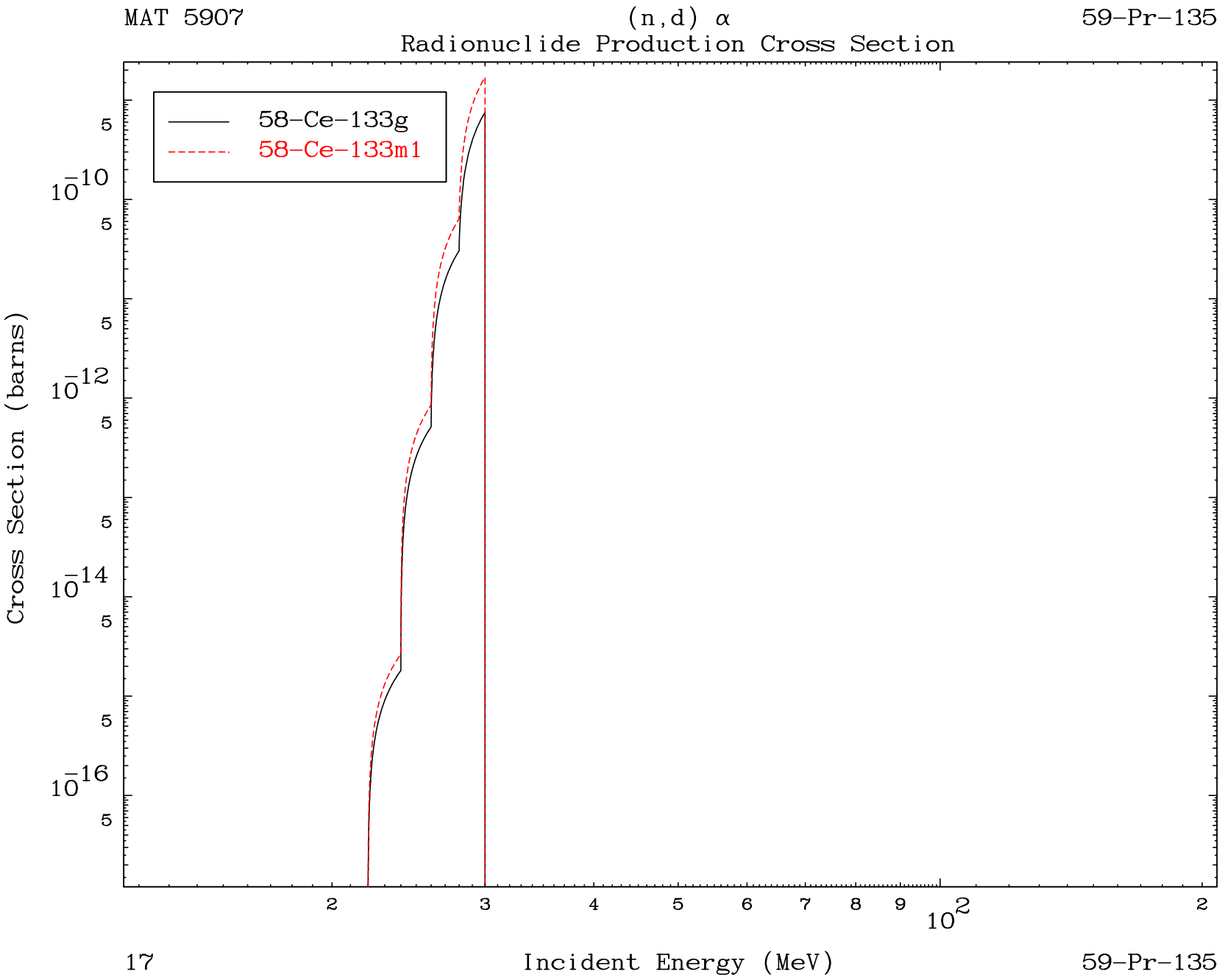

MAT 5907
(n,2n) α
59-Pr-135
Radionuclide Production Cross Section
59-Pr-133g
59-Pr-133m3
Cross Section (barns)
Incident Energy (MeV)
12
59-Pr-135


MAT 5907
(n,n') p
59-Pr-135
Radionuclide Production Cross Section
60-Nd-137g
60-Nd-137m4
Cross Section (barns)
Incident Energy (MeV)
13
59-Pr-135


MAT 5907
(n,n') p α
59-Pr-135
Radionuclide Production Cross Section
58-Ce-133g
58-Ce-133m1
Cross Section (barns)
Incident Energy (MeV)
14
59-Pr-135


MAT 5907
(n,γ)
59-Pr-135
Radionuclide Production Cross Section
61-Pm-139g
61-Pm-139m1
Cross Section (barns)
Incident Energy (MeV)
15
59-Pr-135


MAT 5907
(n,d)
59-Pr-135
Radionuclide Production Cross Section
60-Nd-137g
60-Nd-137m4
Cross Section (barns)
Incident Energy (MeV)
16
59-Pr-135


MAT 5907
(n,d) α
59-Pr-135
Radionuclide Production Cross Section
58-Ce-133g
58-Ce-133m1
Cross Section (barns)
Incident Energy (MeV)
17
59-Pr-135