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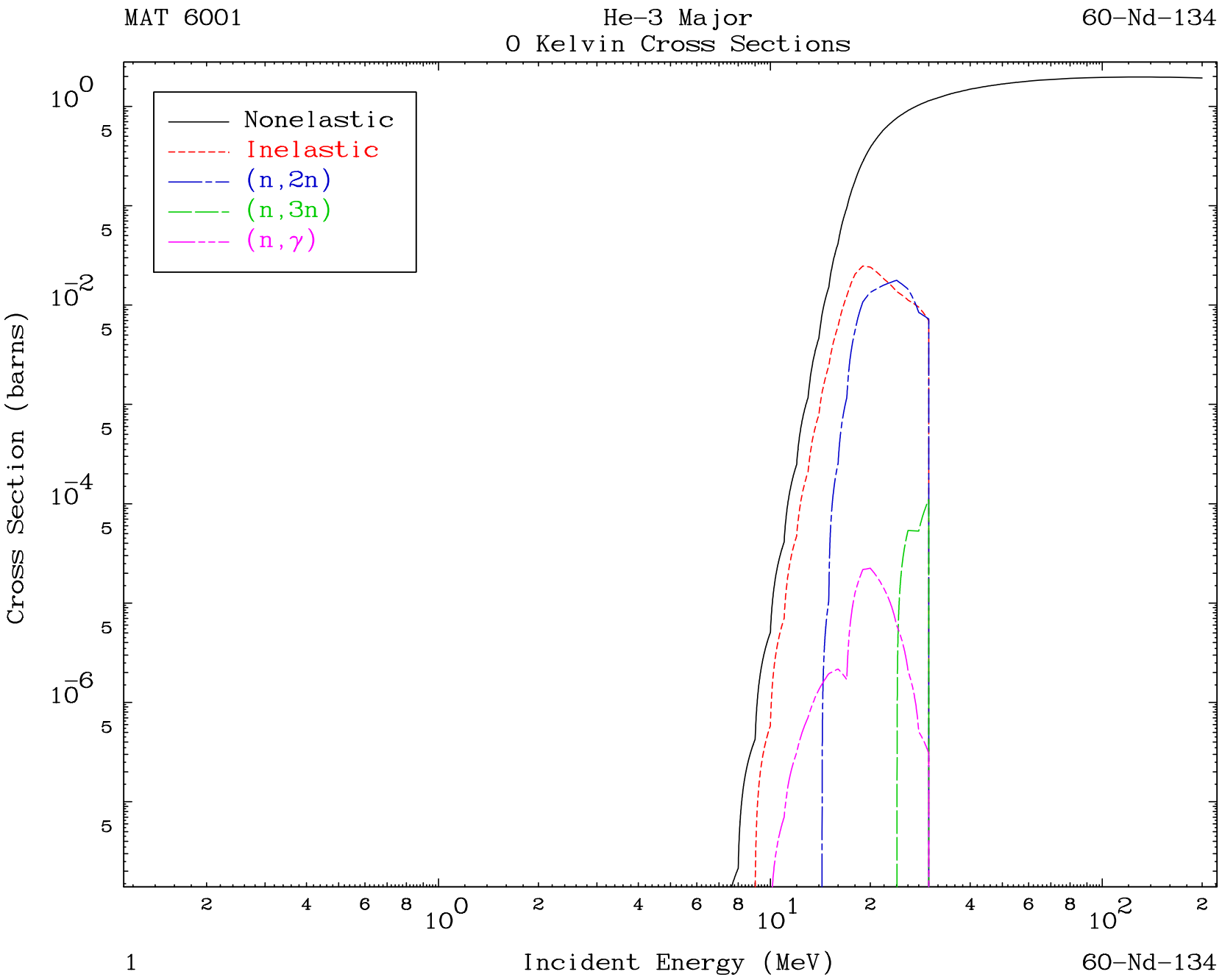
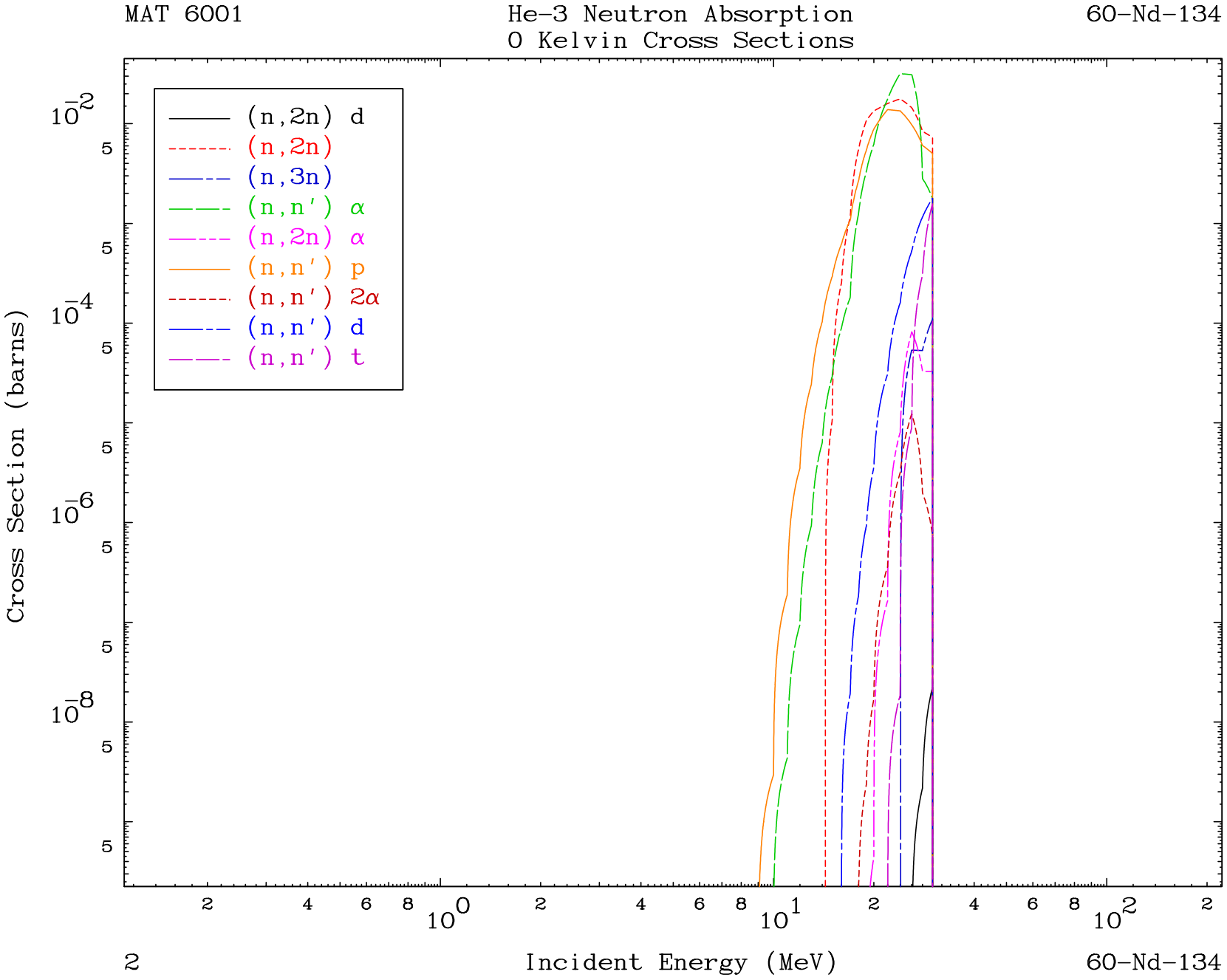
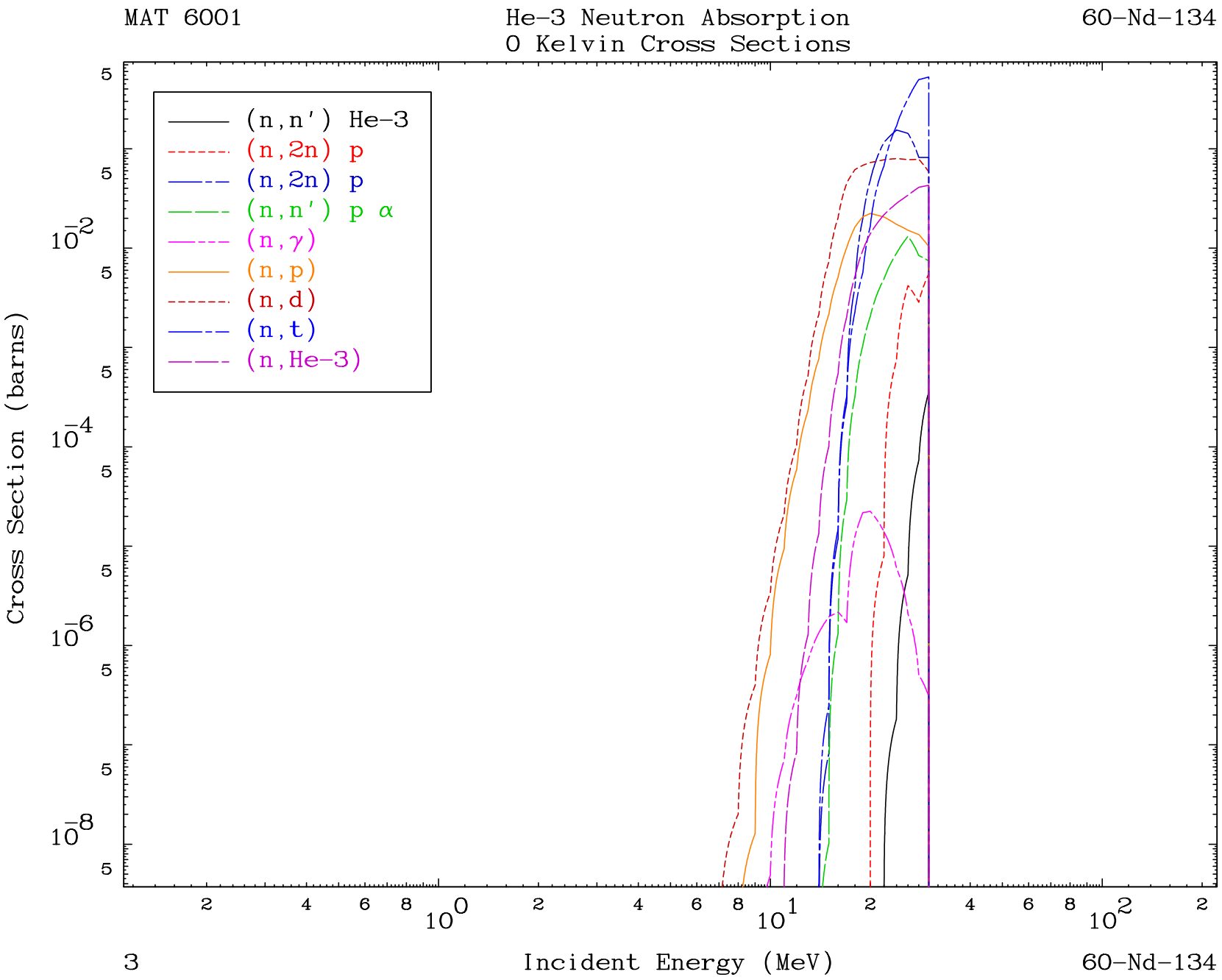
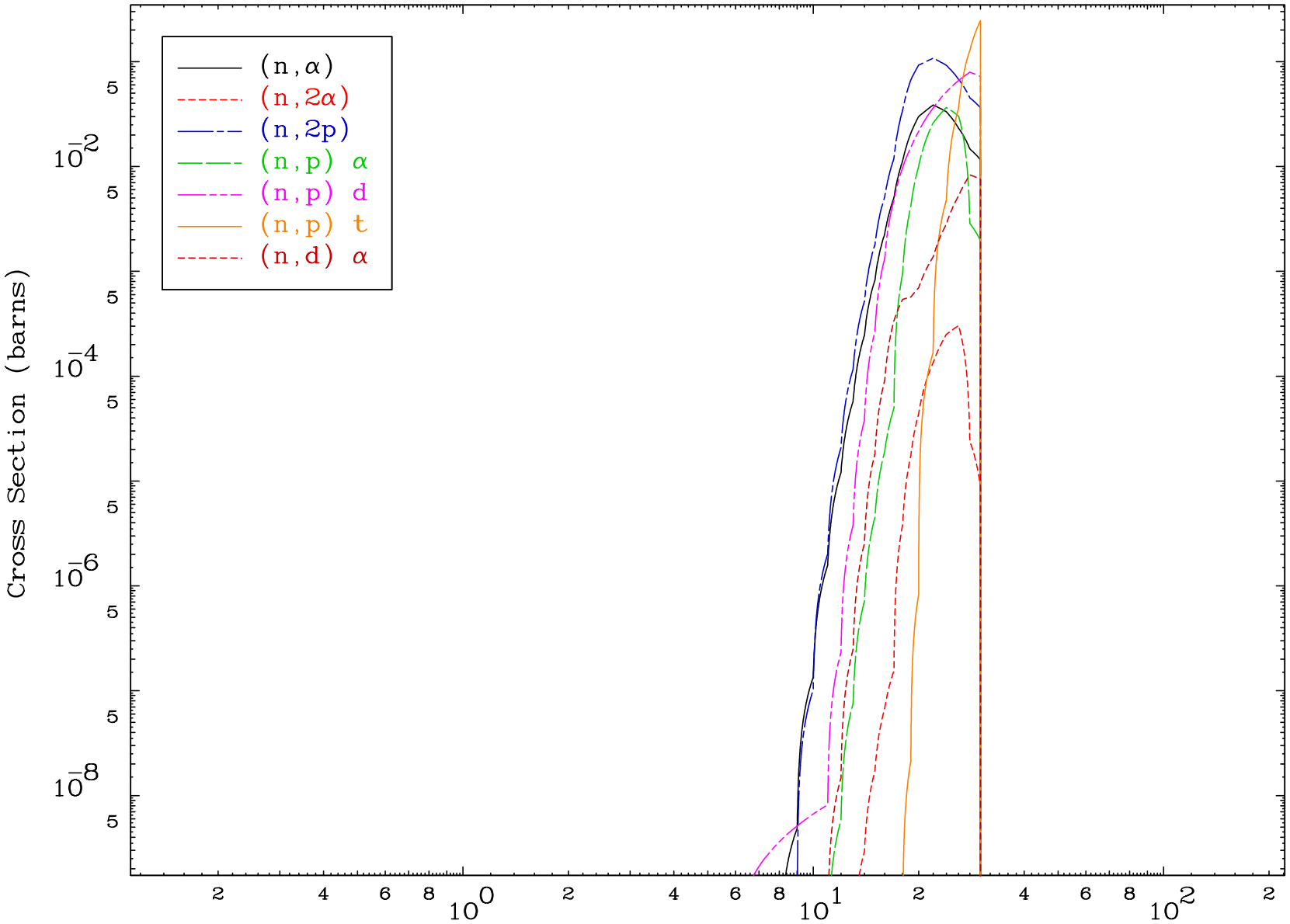
Press Mouse Button to Start

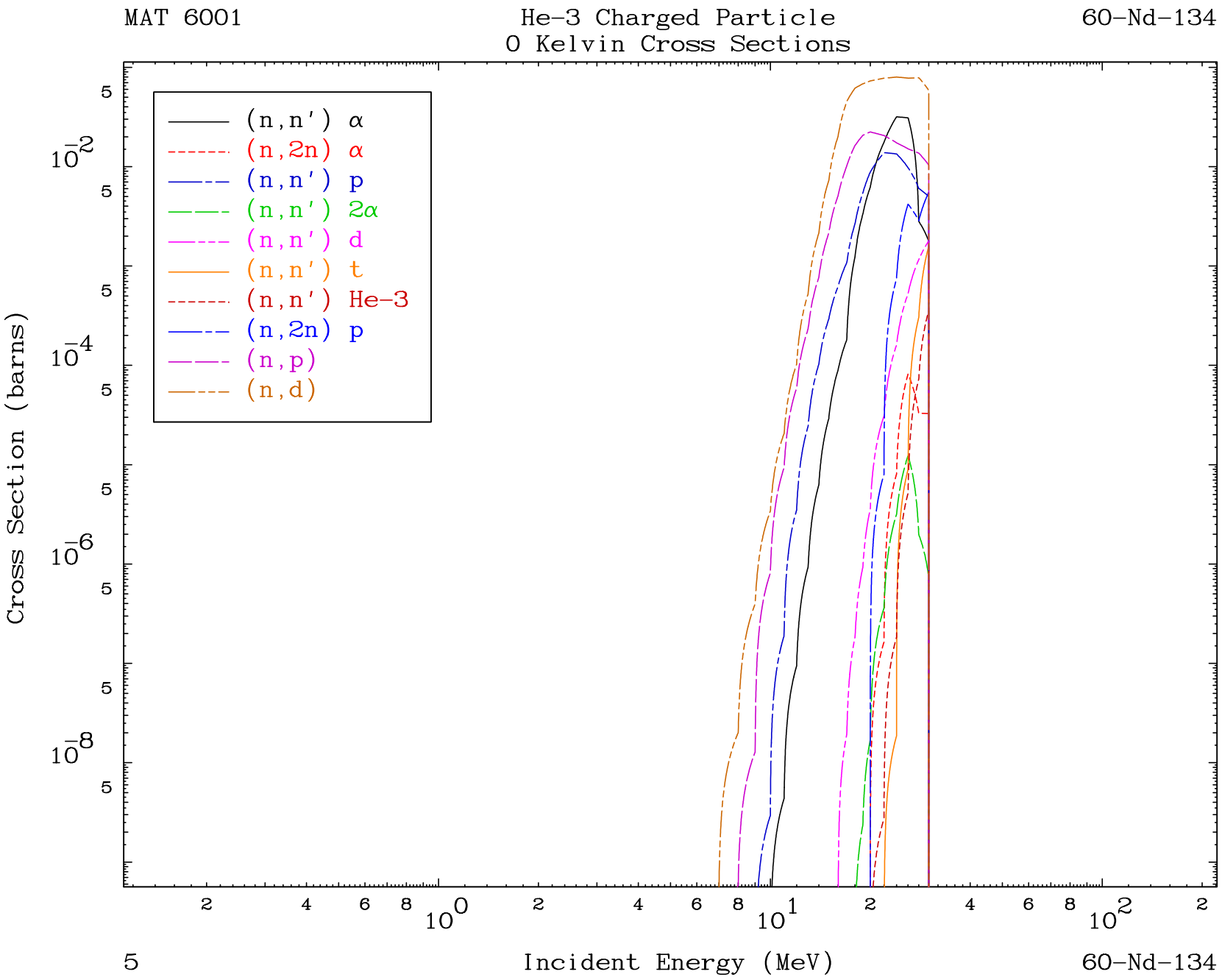

MAT 6001
He-3 Major
0 Kelvin Cross Sections
60-Nd-134
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
60-Nd-134
1


MAT 6001
He-3 Neutron Absorption
0 Kelvin Cross Sections
60-Nd-134
(n,2n) d
(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)
60-Nd-134
2

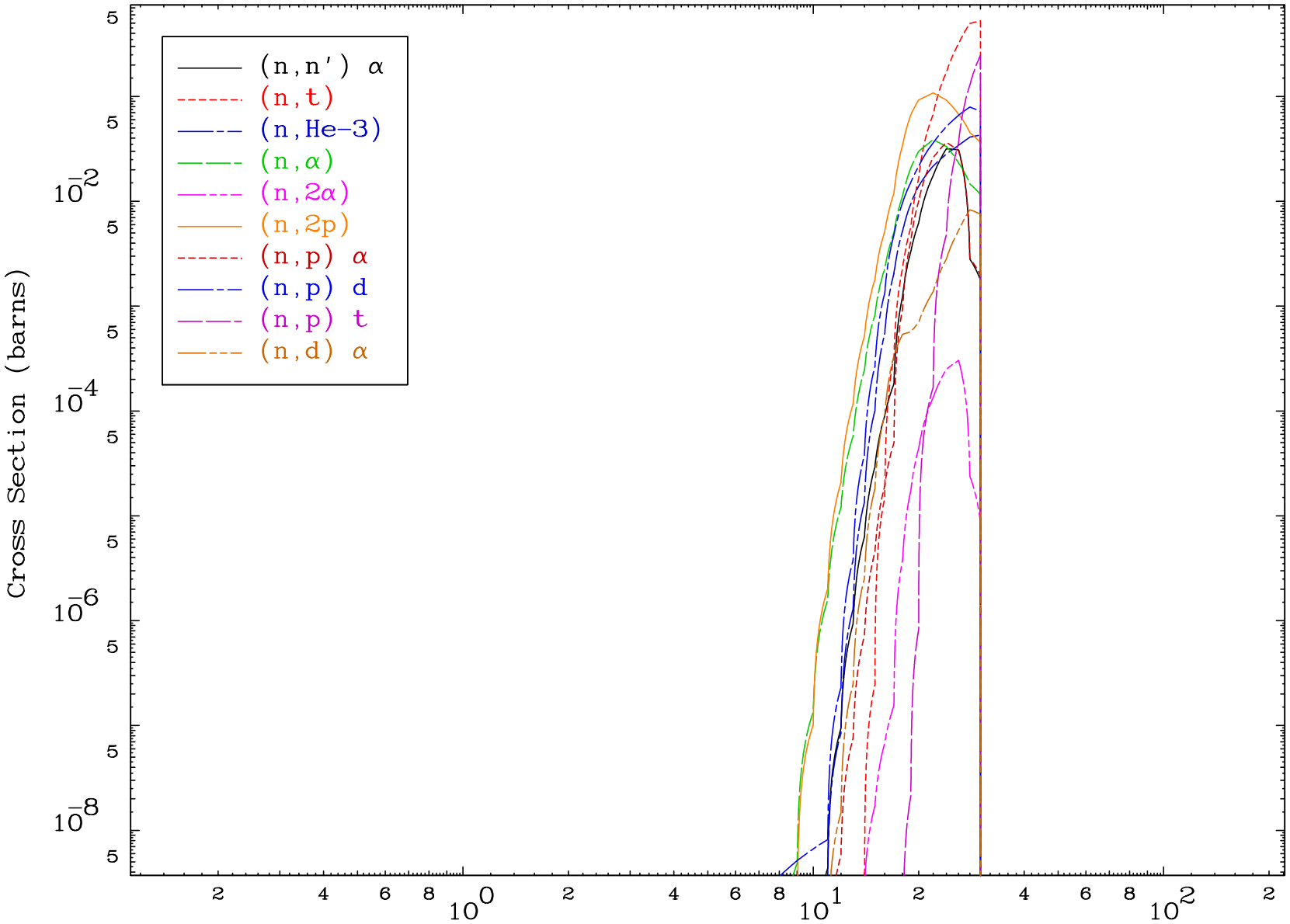

MAT 6001
He-3 Neutron Absorption
0 Kelvin Cross Sections
60-Nd-134
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
60-Nd-134

He-3 Neutron Absorption
0 Kelvin Cross Sections

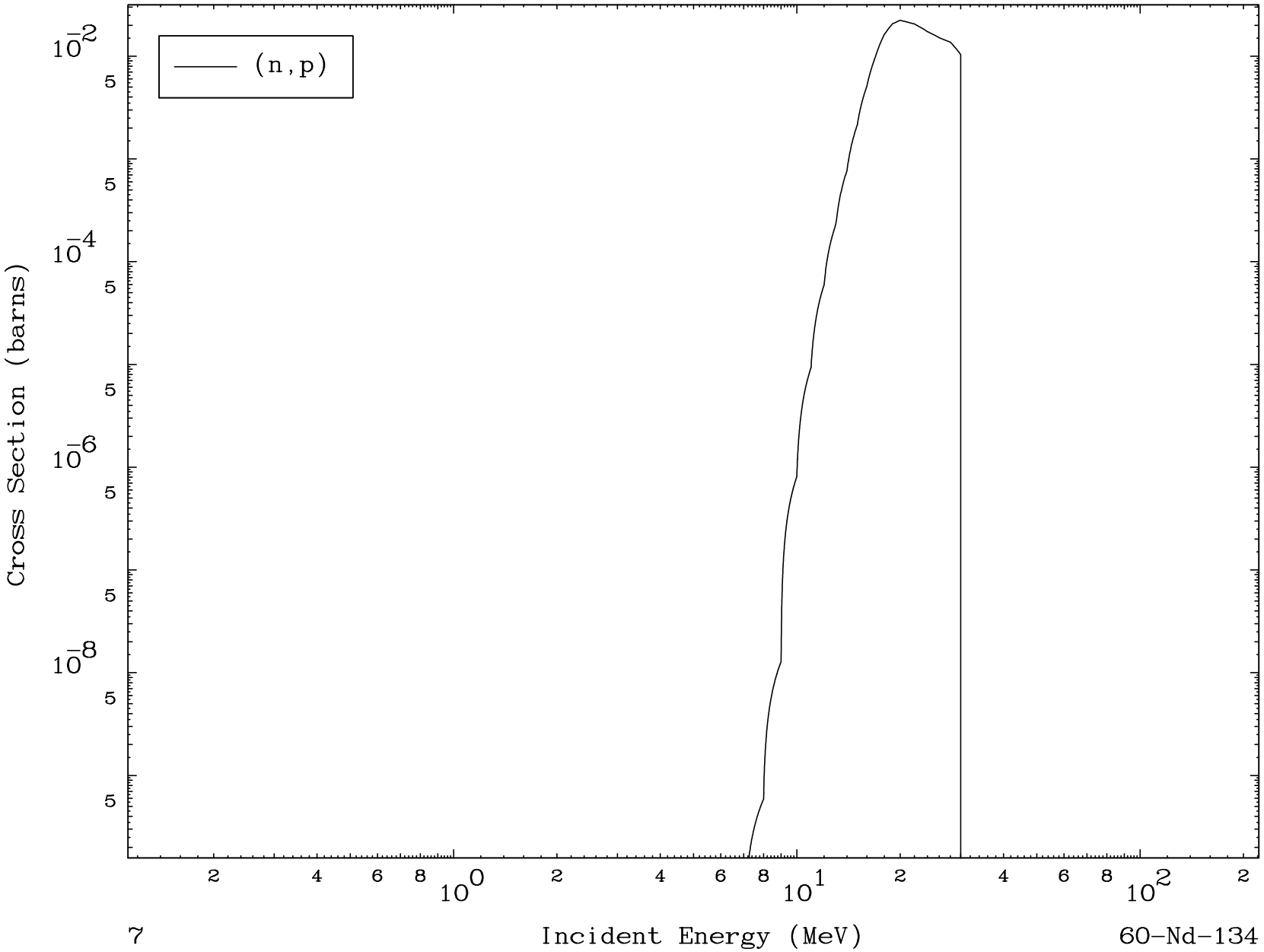



MAT 6001
He-3 Charged Particle
0 Kelvin Cross Sections
60-Nd-134
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
60-Nd-134

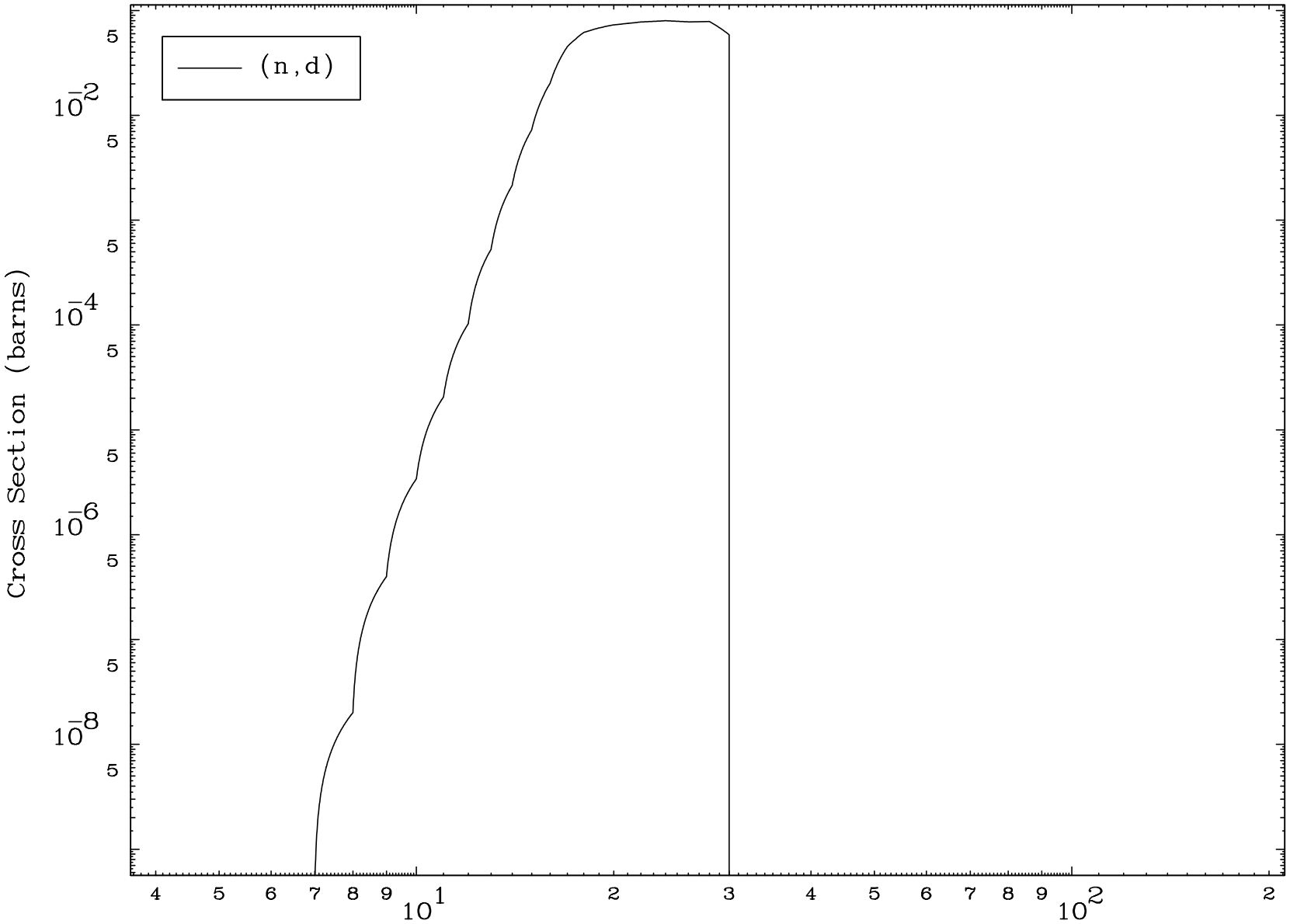
He-3 Charged Particle
0 Kelvin Cross Sections



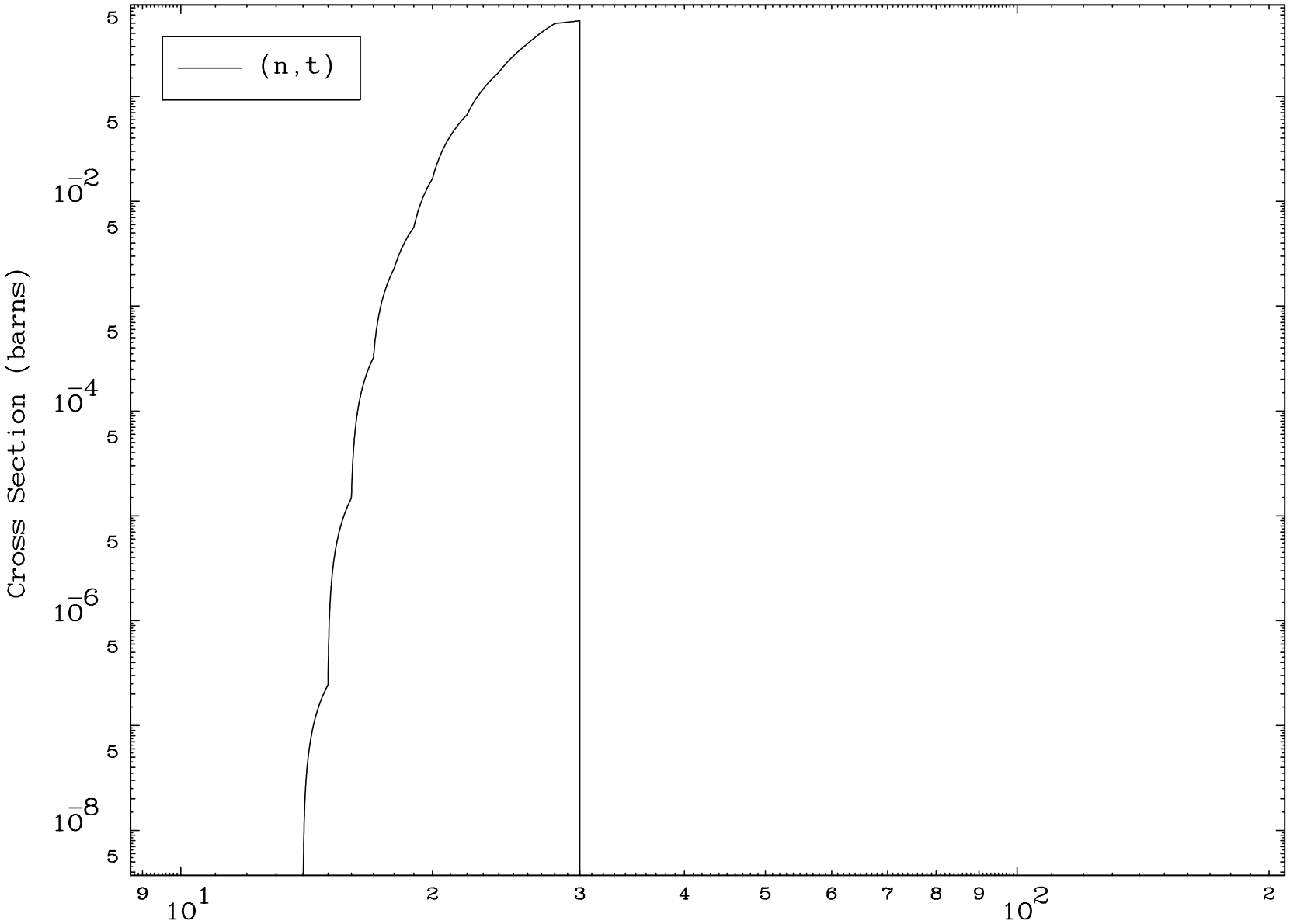
(He-3,p) Levels
0 Kelvin Cross Sections

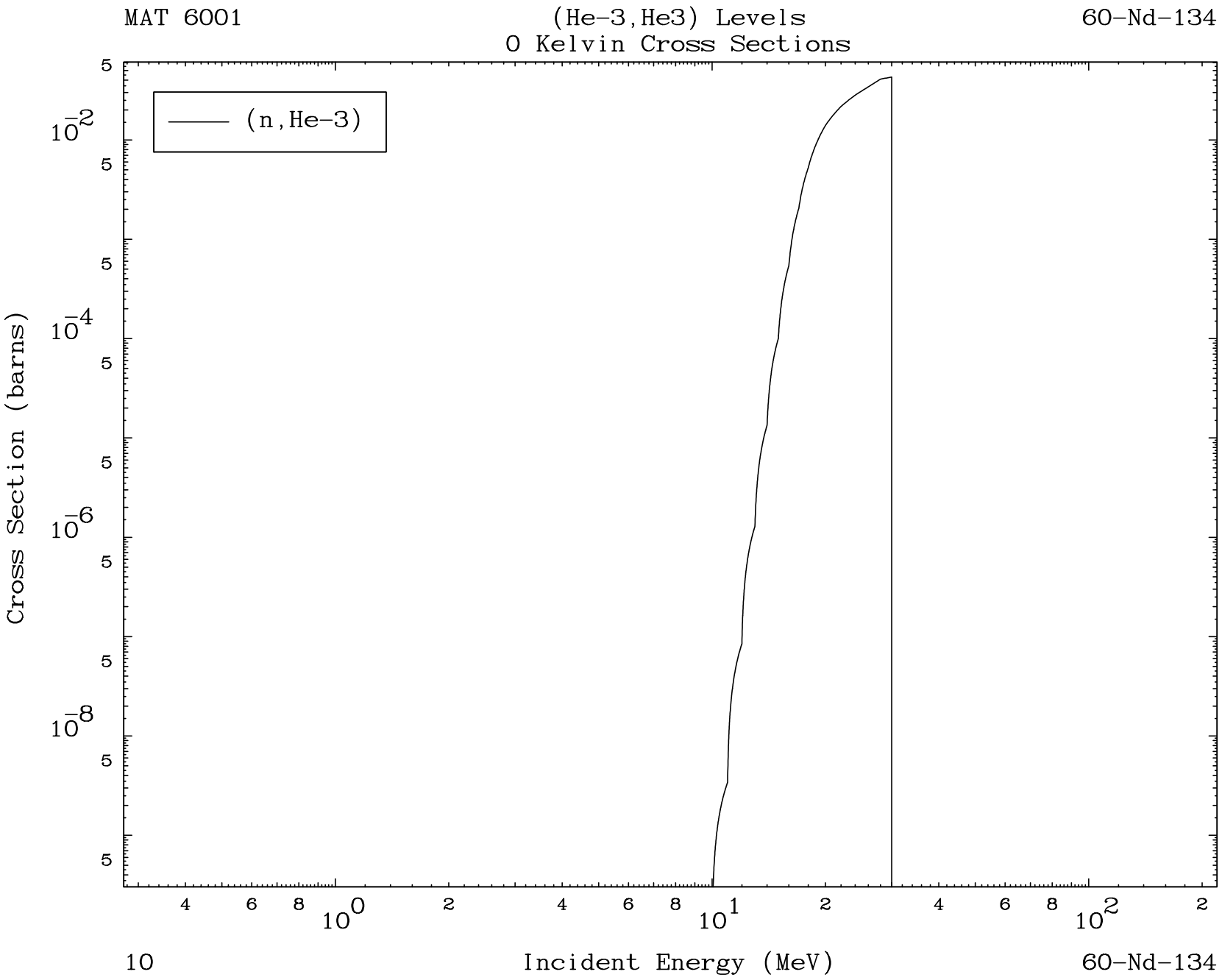


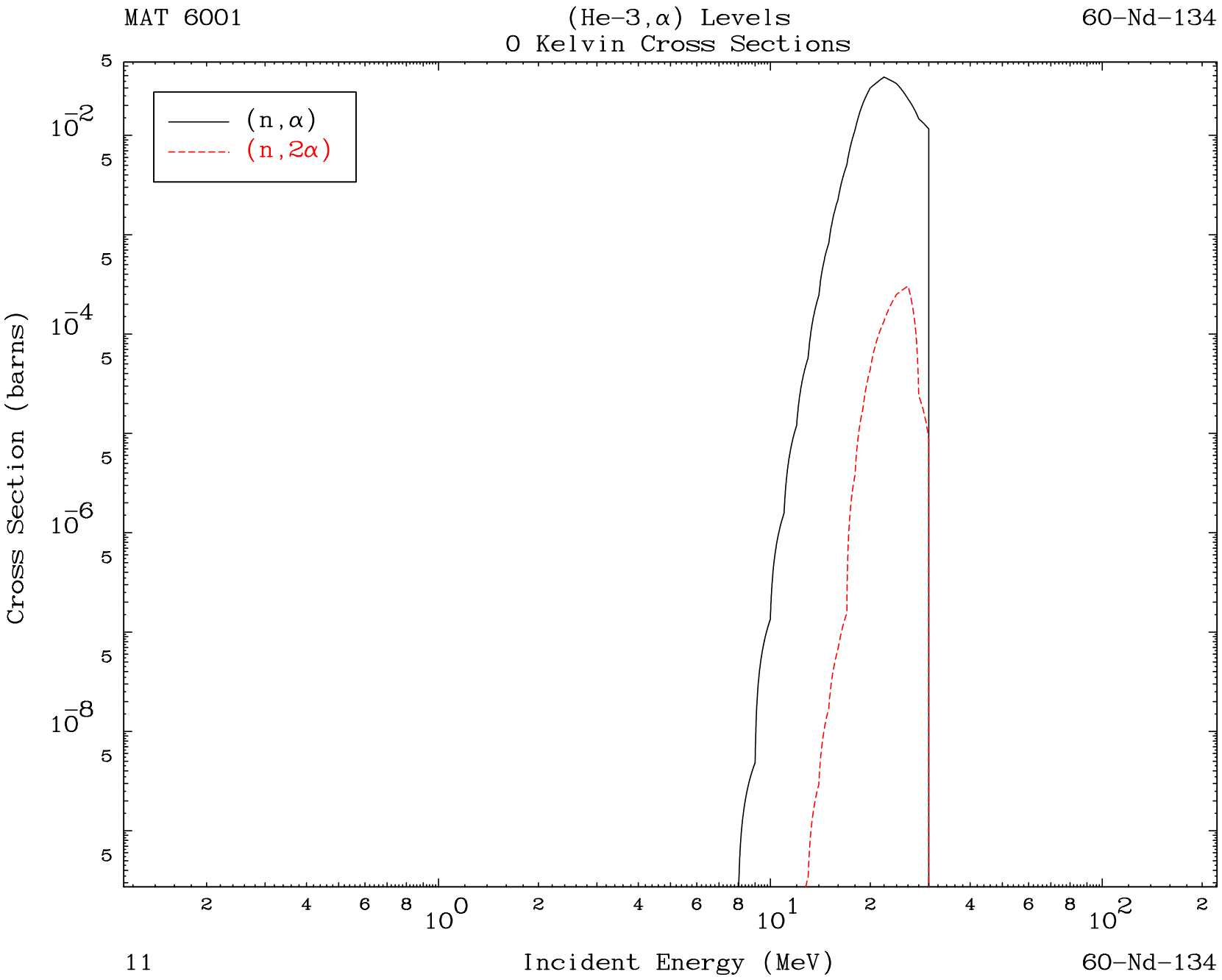
0 Kelvin Cross Sections

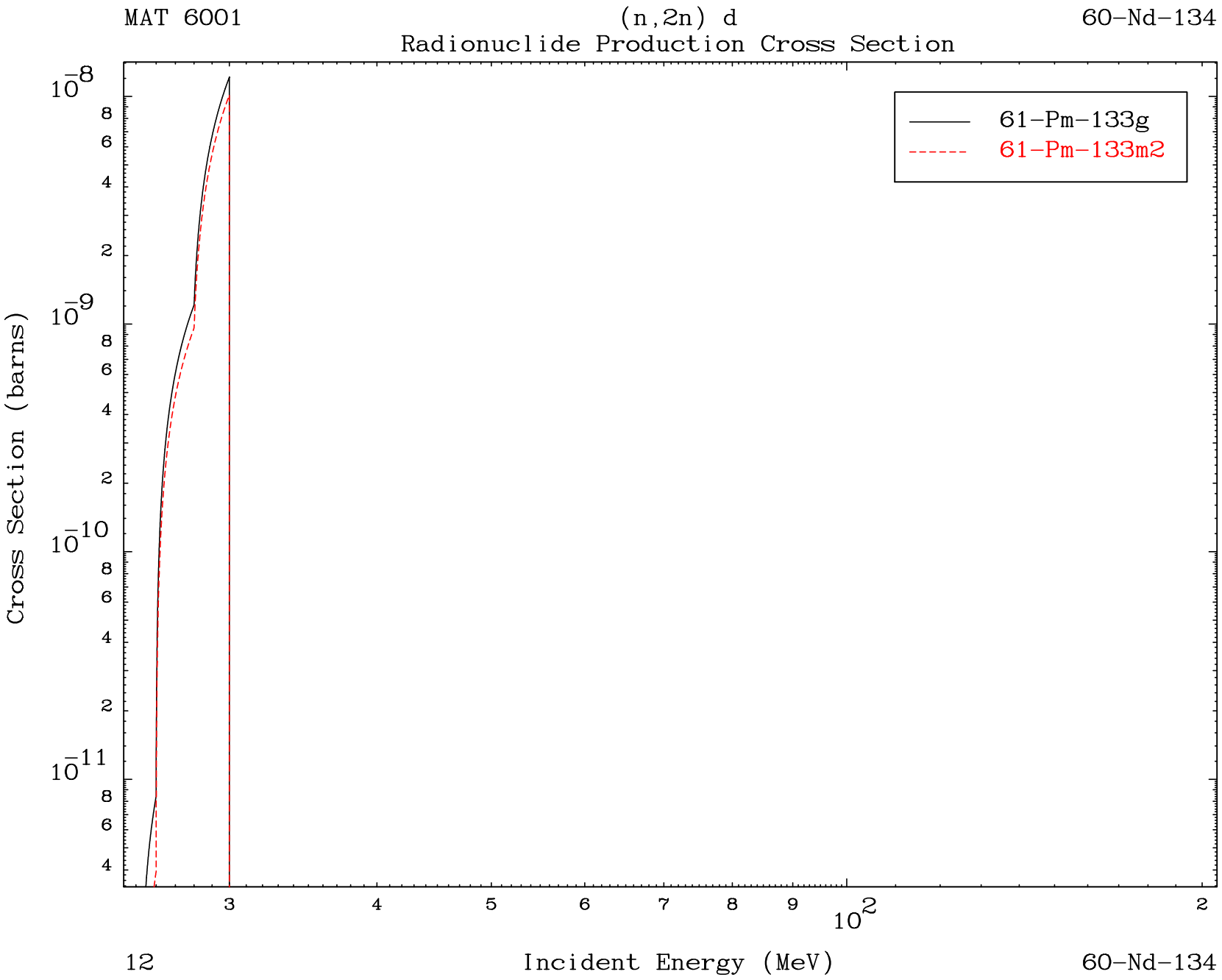


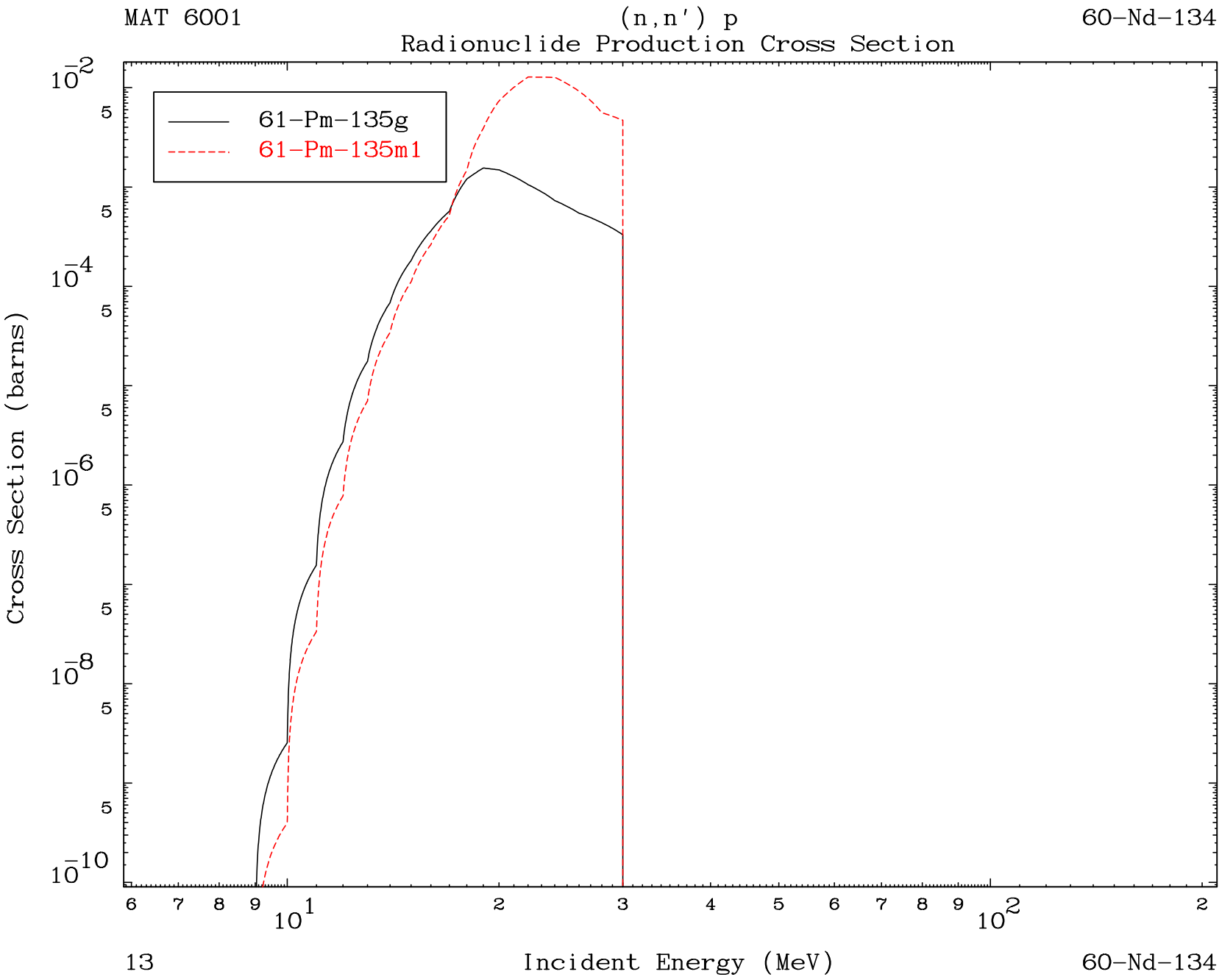
0 Kelvin Cross Sections

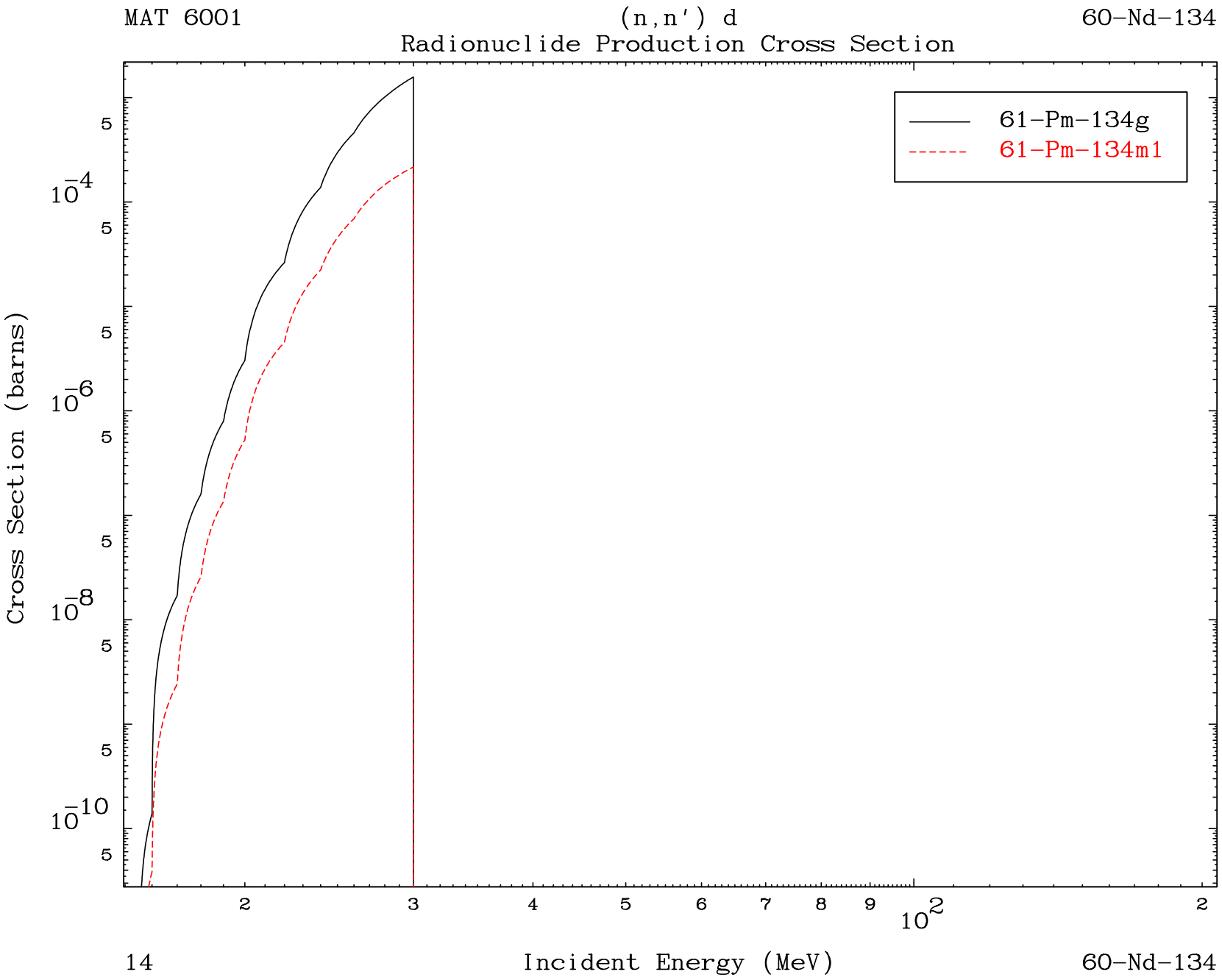


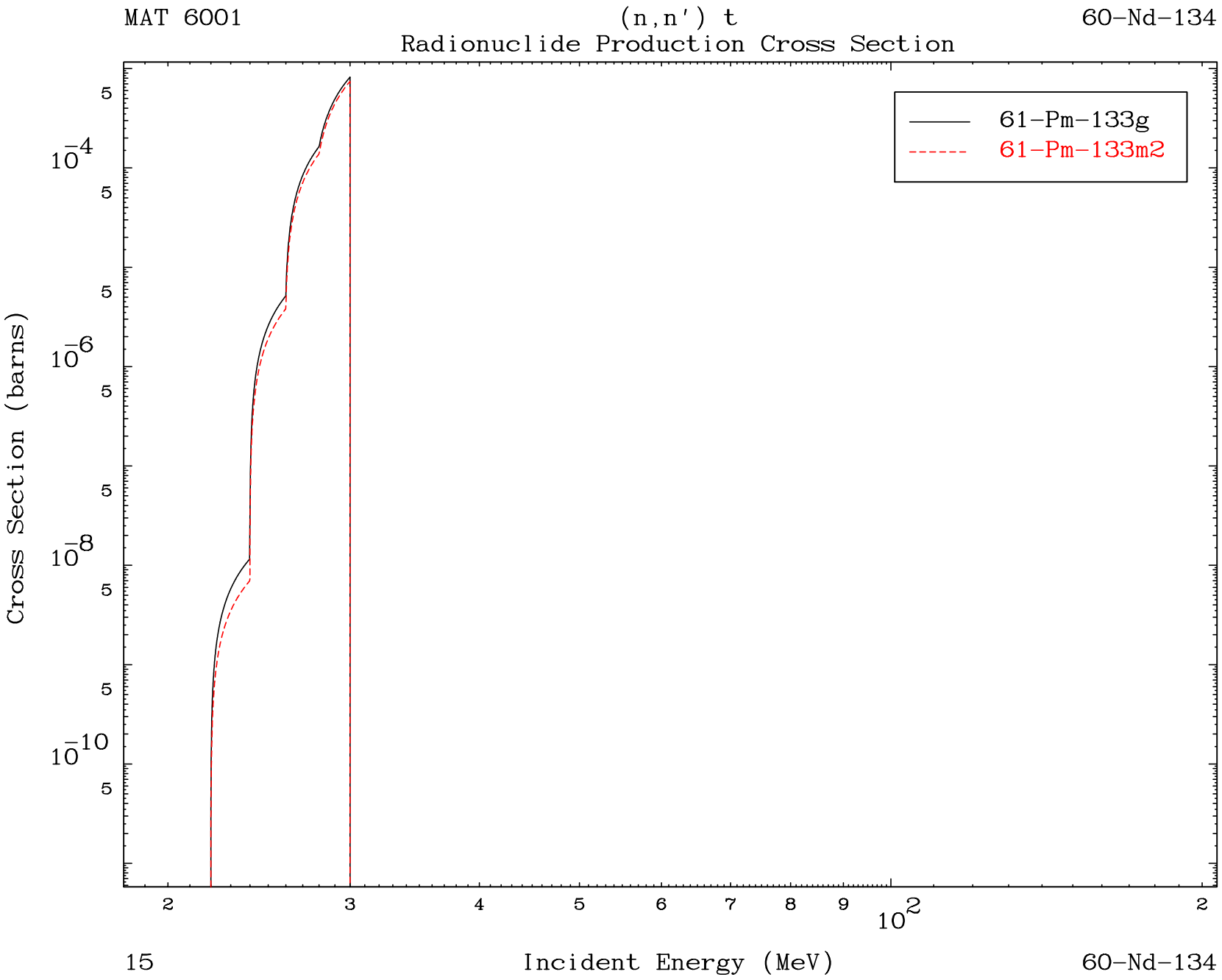

MAT 6001
(He-3,He3) Levels
0 Kelvin Cross Sections
60-Nd-134
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
60-Nd-134

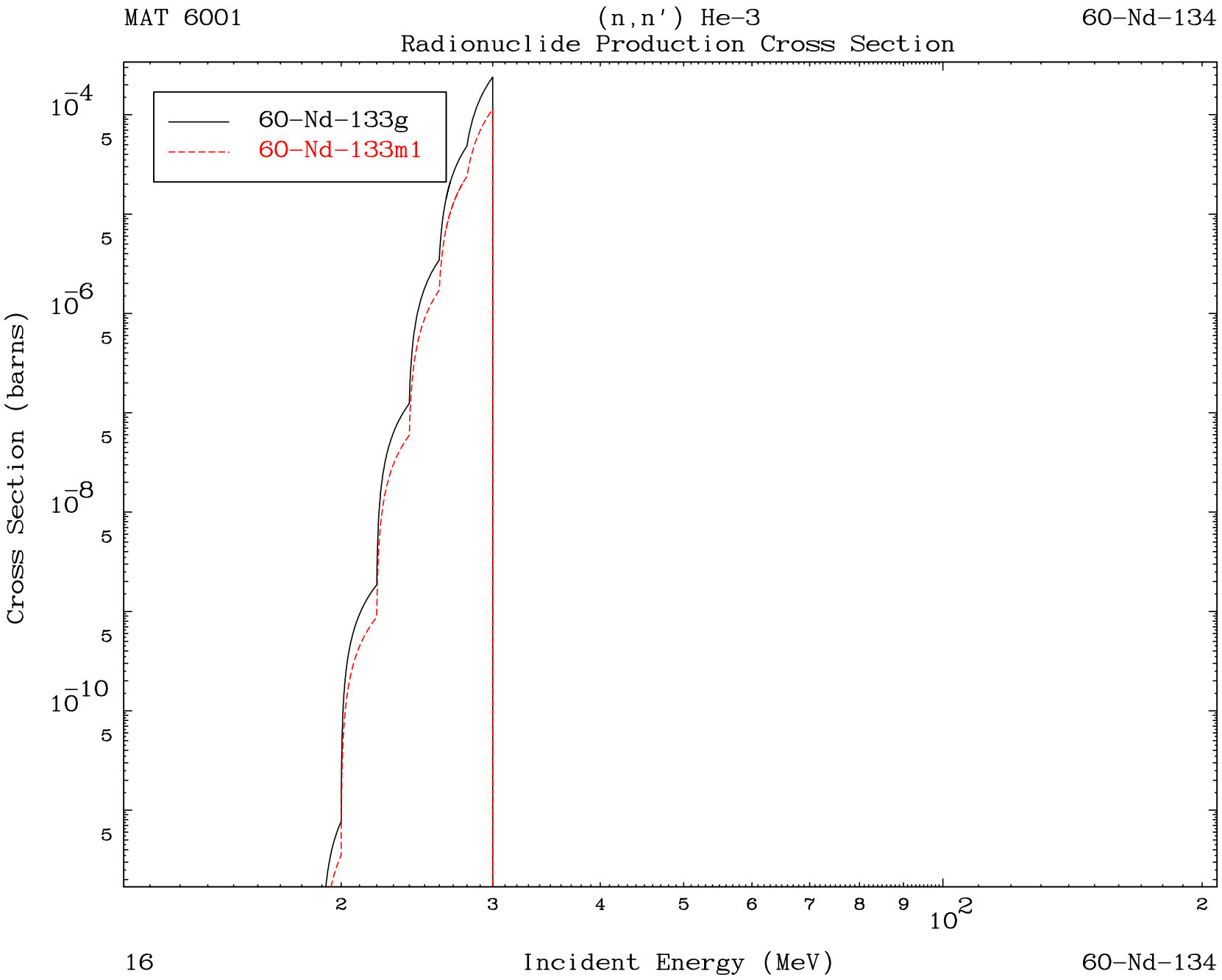

MAT 6001
(He-3,α) Levels
0 Kelvin Cross Sections
60-Nd-134
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
60-Nd-134

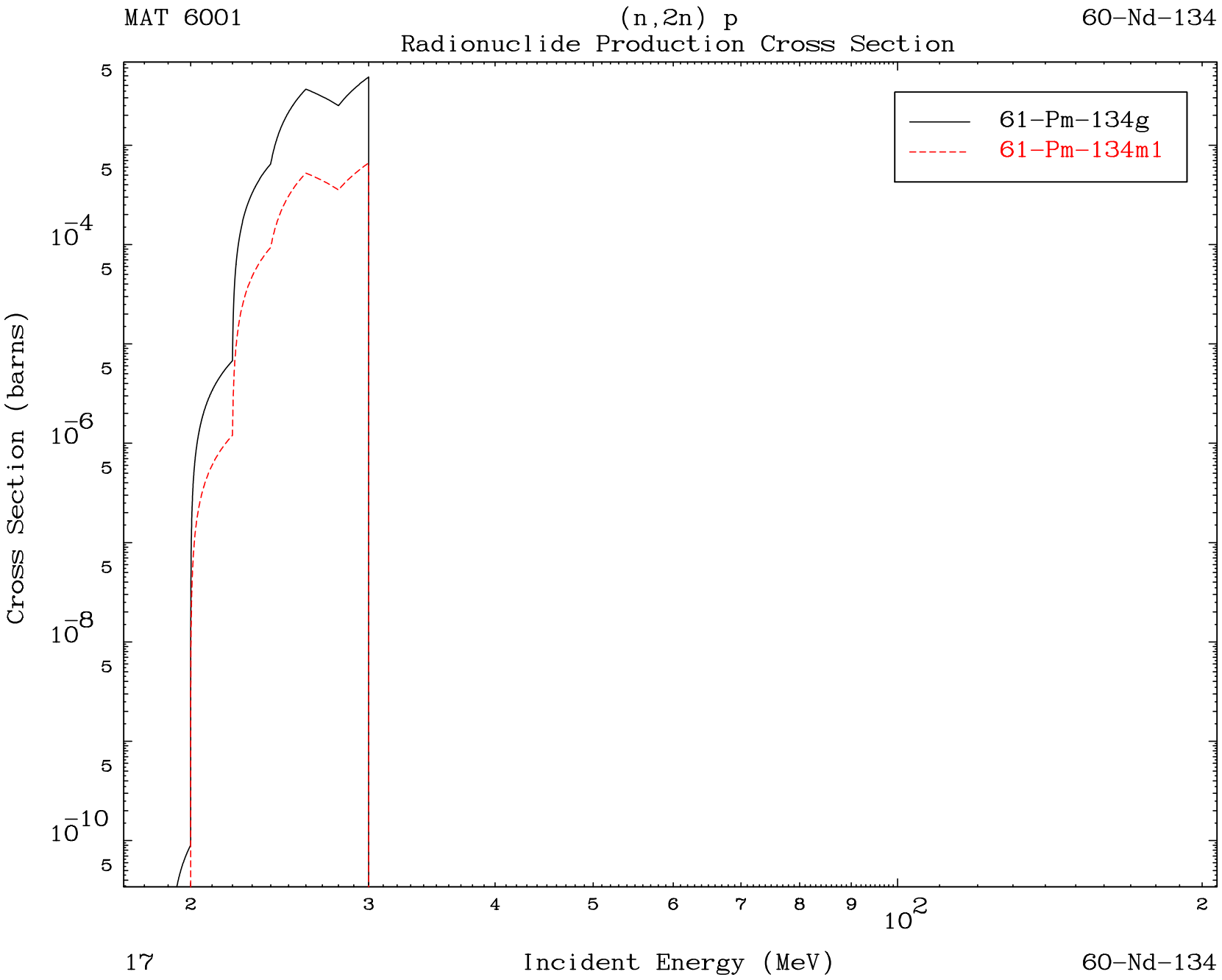

MAT 6001
(n,2n) d
60-Nd-134
Radionuclide Production Cross Section
61-Pm-133g
61-Pm-133m2
Cross Section (barns)
Incident Energy (MeV)
12
60-Nd-134

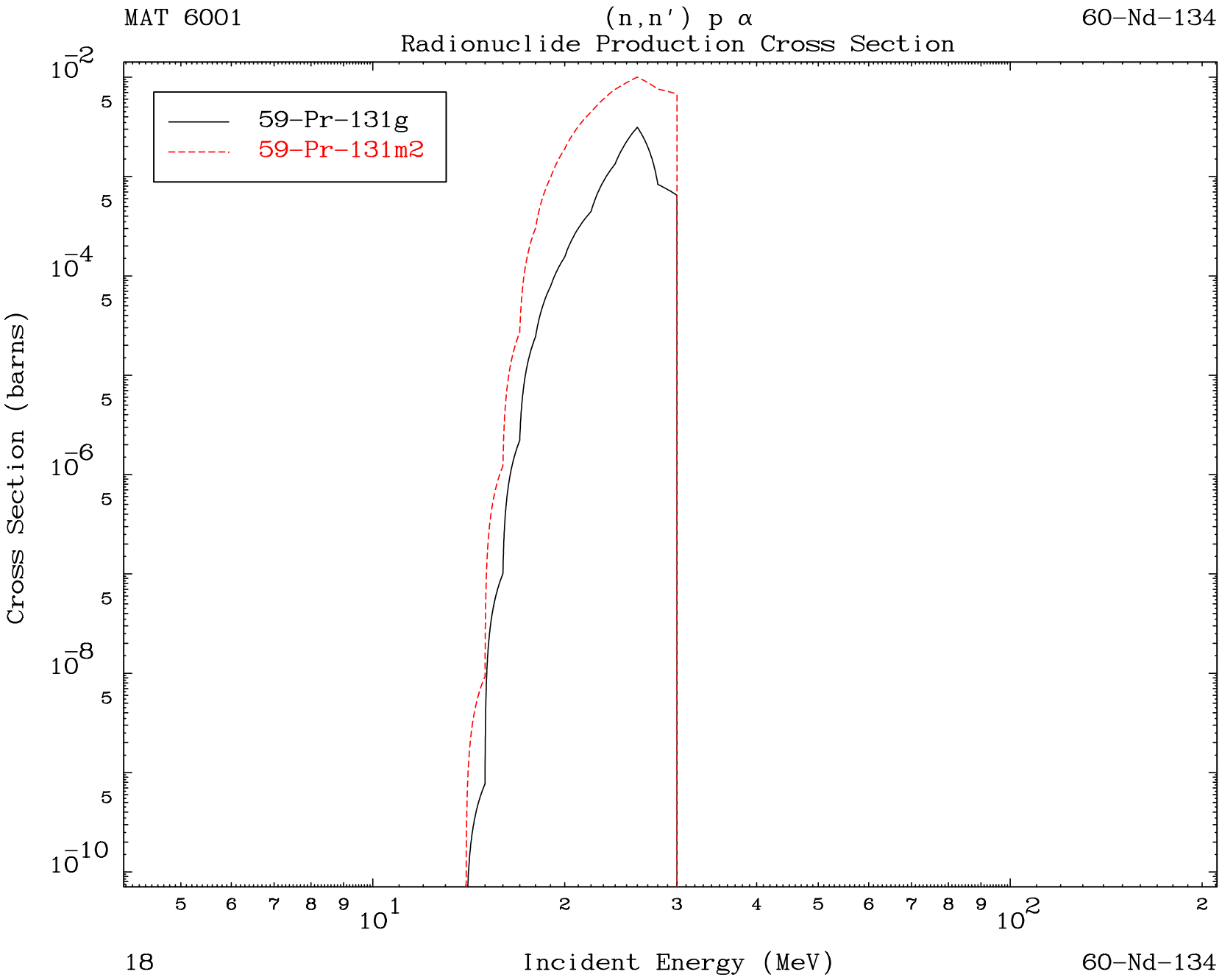

MAT 6001
(n,n') p
60-Nd-134
Radionuclide Production Cross Section
61-Pm-135g
61-Pm-135m1
Cross Section (barns)
Incident Energy (MeV)
13
60-Nd-134

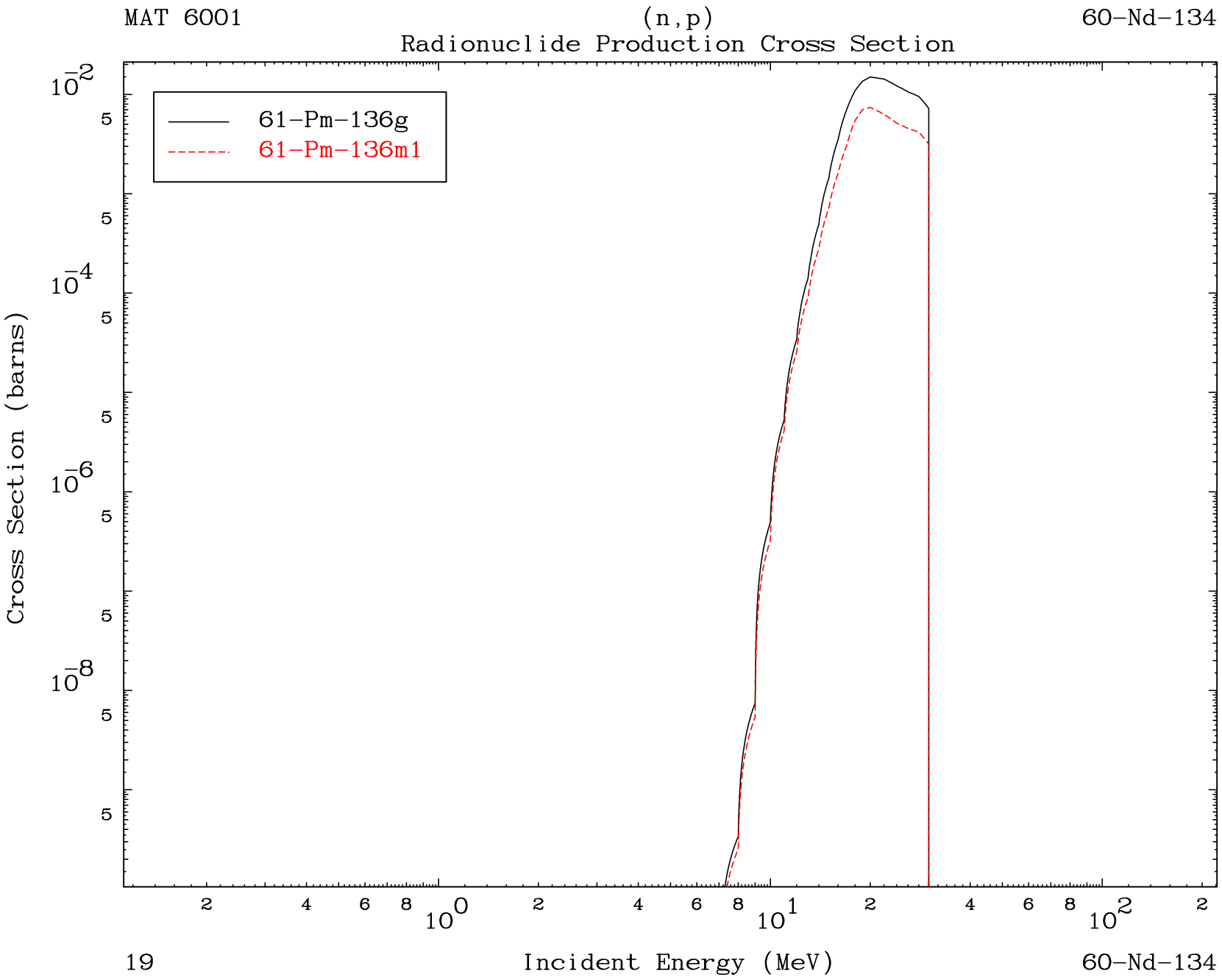

MAT 6001
(n,n') d
60-Nd-134
Radionuclide Production Cross Section
61-Pm-134g
61-Pm-134m1
Cross Section (barns)
Incident Energy (MeV)
14
60-Nd-134

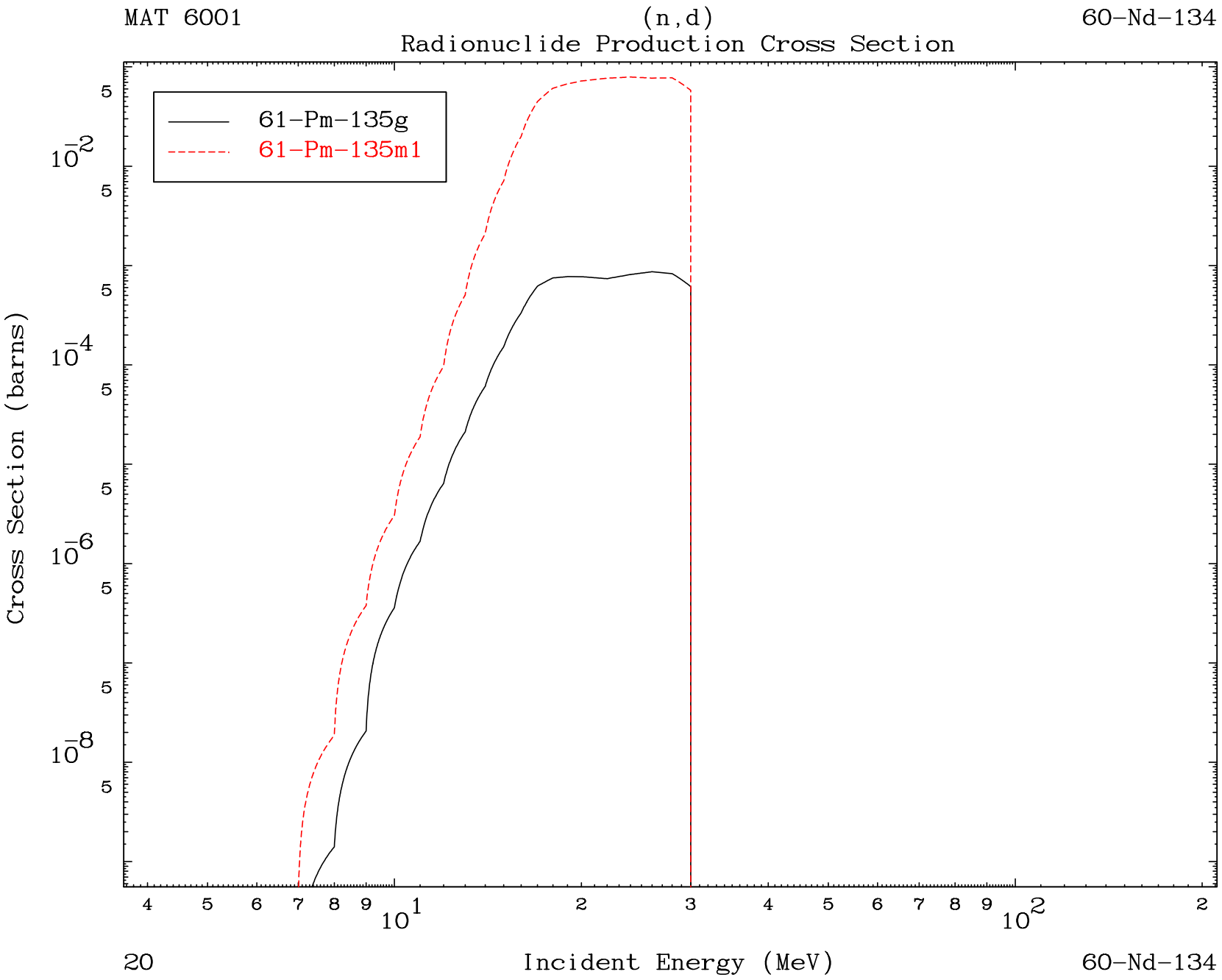

MAT 6001
(n,n') t
60-Nd-134
Radionuclide Production Cross Section
61-Pm-133g
61-Pm-133m2
Cross Section (barns)
Incident Energy (MeV)
15
60-Nd-134

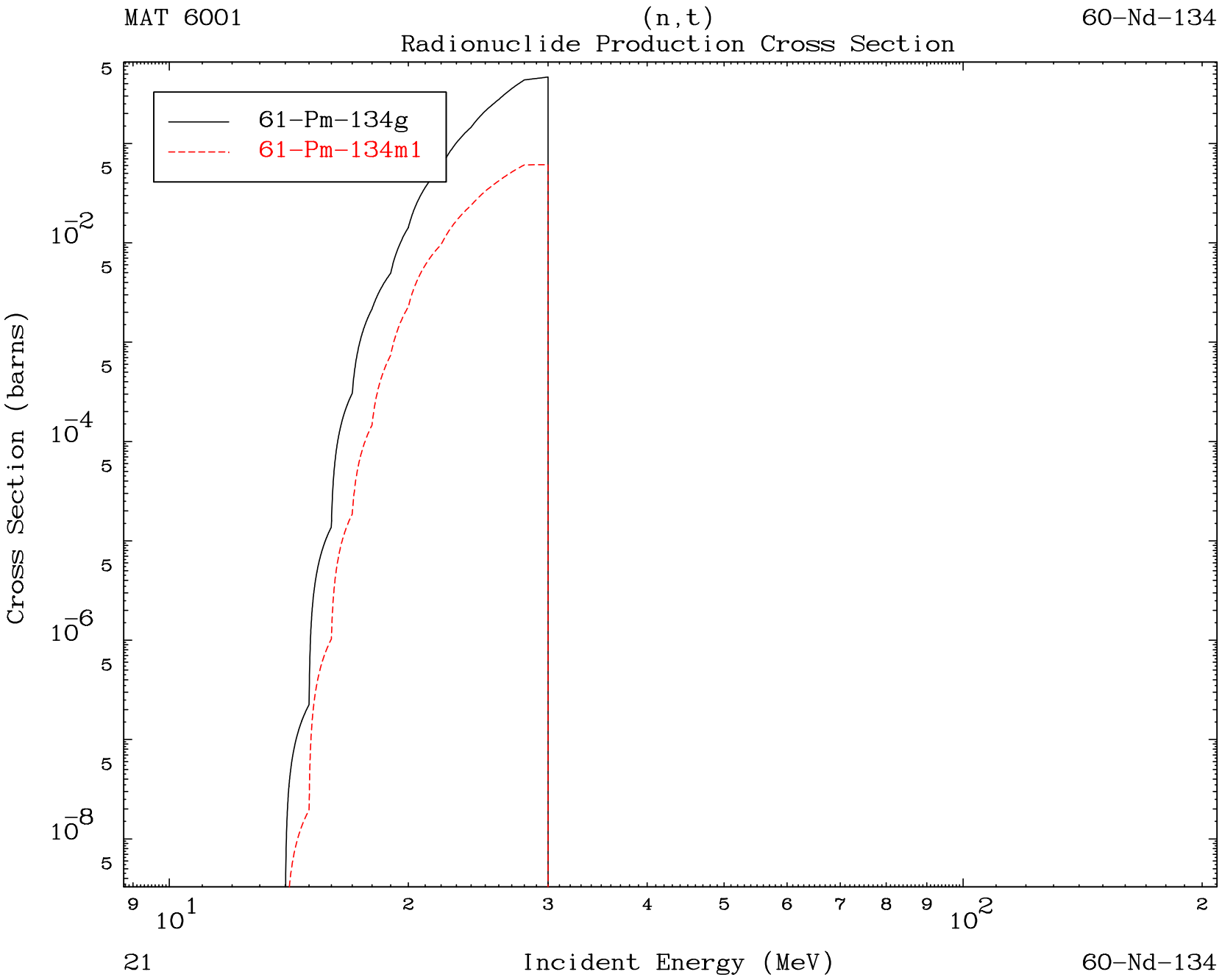

MAT 6001
(n,n') He-3
60-Nd-134
Radionuclide Production Cross Section
60-Nd-133g
60-Nd-133m1
Cross Section (barns)
Incident Energy (MeV)
16
60-Nd-134

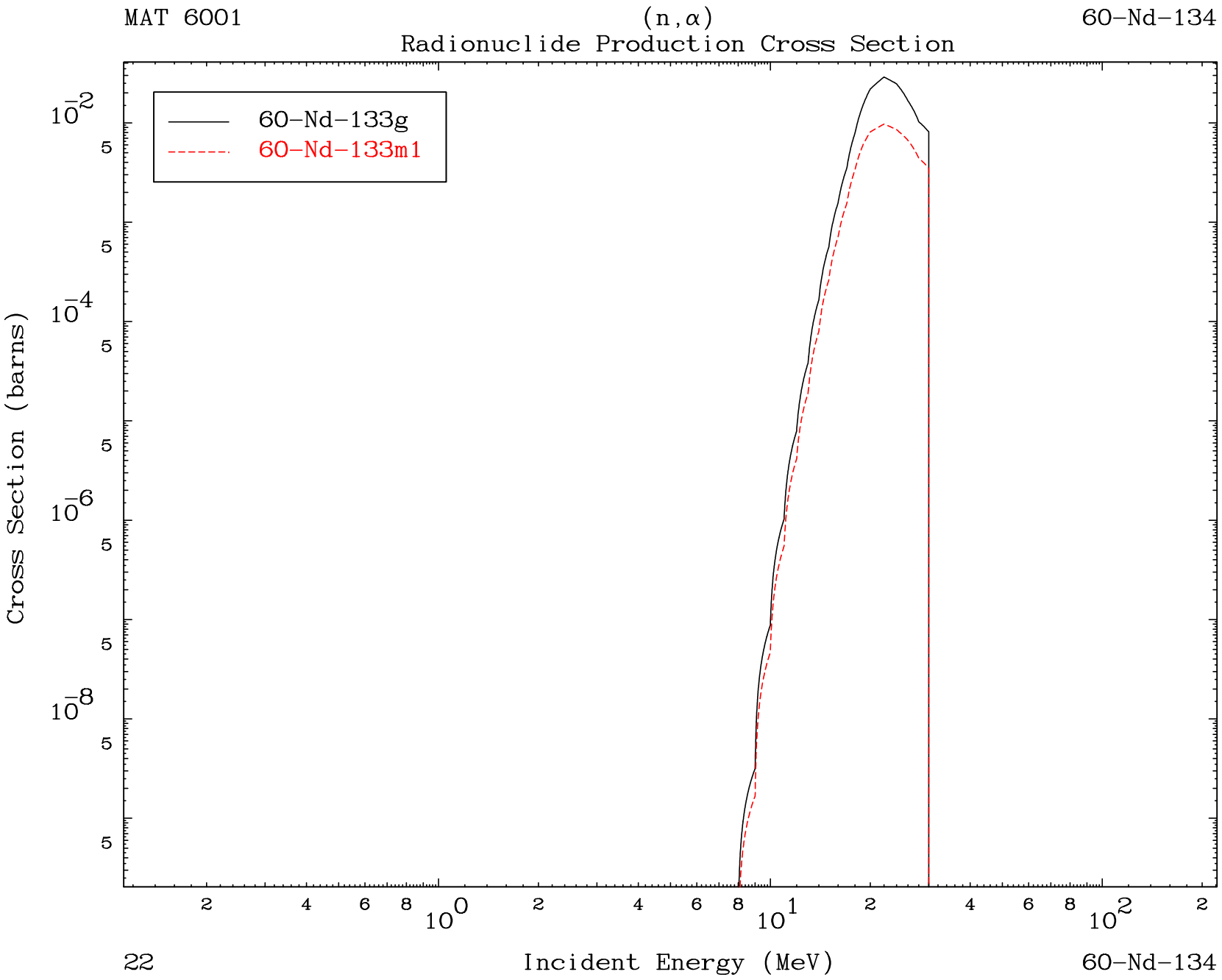

MAT 6001
(n,2n) p
60-Nd-134
Radionuclide Production Cross Section
61-Pm-134g
61-Pm-134m1
Cross Section (barns)
Incident Energy (MeV)
17
60-Nd-134

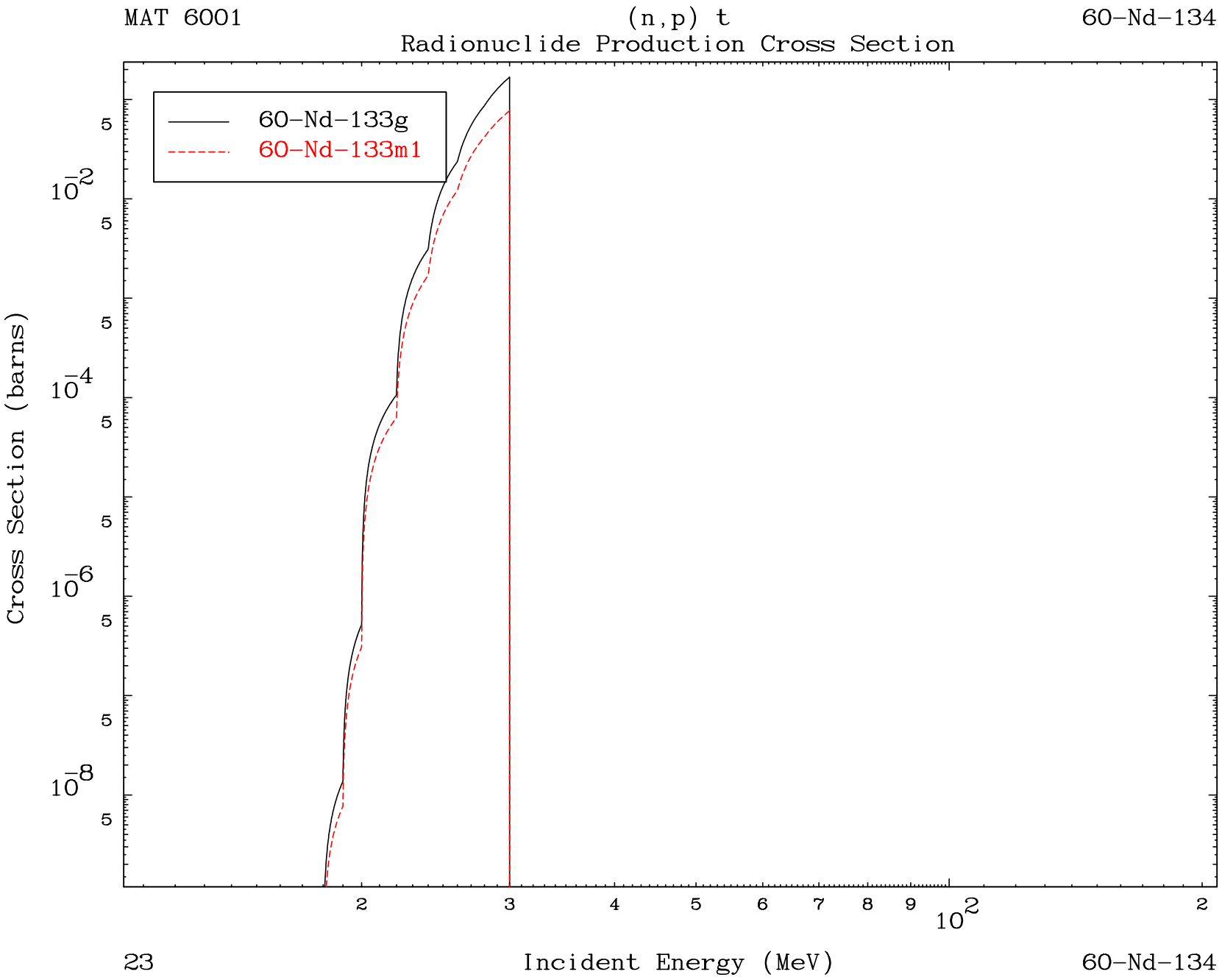

MAT 6001
(n,n') p α
60-Nd-134
Radionuclide Production Cross Section
59-Pr-131g
59-Pr-131m2
Cross Section (barns)
Incident Energy (MeV)
18
60-Nd-134

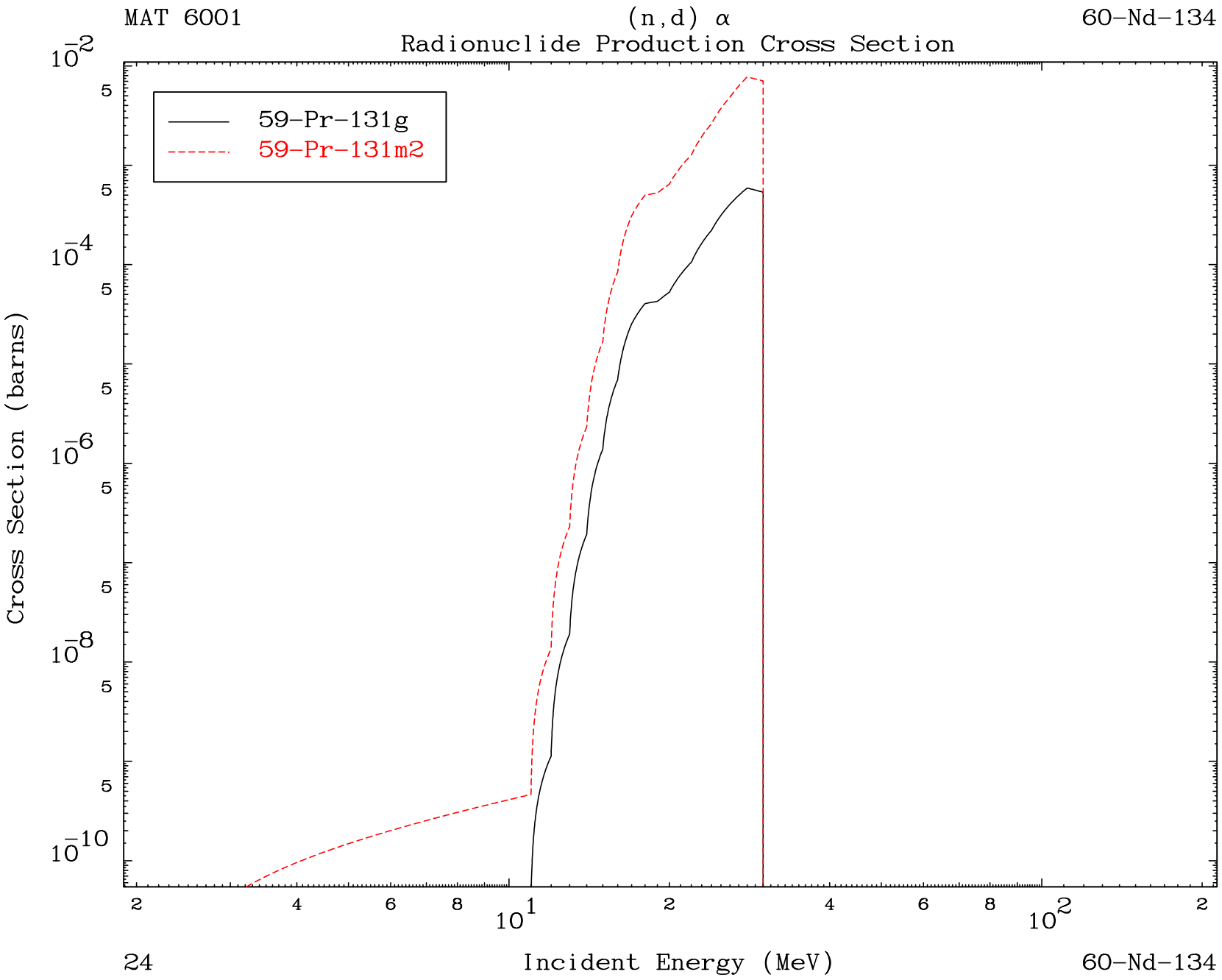

MAT 6001
(n,p)
60-Nd-134
Radionuclide Production Cross Section
61-Pm-136g
61-Pm-136m1
Cross Section (barns)
Incident Energy (MeV)
19
60-Nd-134


MAT 6001
(n,d)
60-Nd-134
Radionuclide Production Cross Section
61-Pm-135g
61-Pm-135m1
Cross Section (barns)
Incident Energy (MeV)
20
60-Nd-134


MAT 6001
(n,t)
60-Nd-134
Radionuclide Production Cross Section
61-Pm-134g
61-Pm-134m1
Cross Section (barns)
Incident Energy (MeV)
21
60-Nd-134


MAT 6001
(n,α)
60-Nd-134
Radionuclide Production Cross Section
60-Nd-133g
60-Nd-133m1
Cross Section (barns)
Incident Energy (MeV)
22
60-Nd-134


MAT 6001
(n,p) t
60-Nd-134
Radionuclide Production Cross Section
60-Nd-133g
60-Nd-133m1
Cross Section (barns)
Incident Energy (MeV)
23
60-Nd-134


MAT 6001
(n,d) α
60-Nd-134
Radionuclide Production Cross Section
59-Pr-131g
59-Pr-131m2
Cross Section (barns)
Incident Energy (MeV)
24
60-Nd-134