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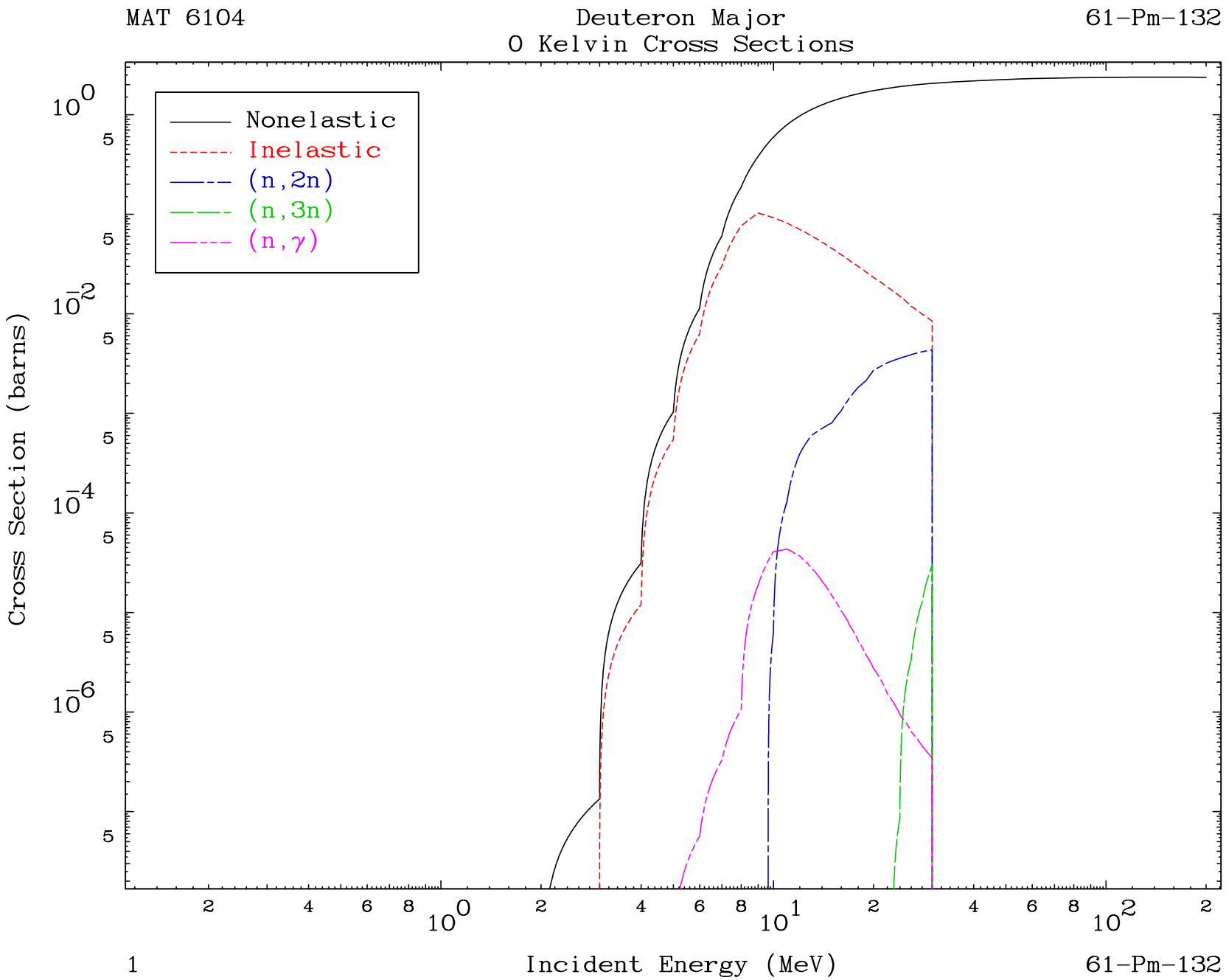
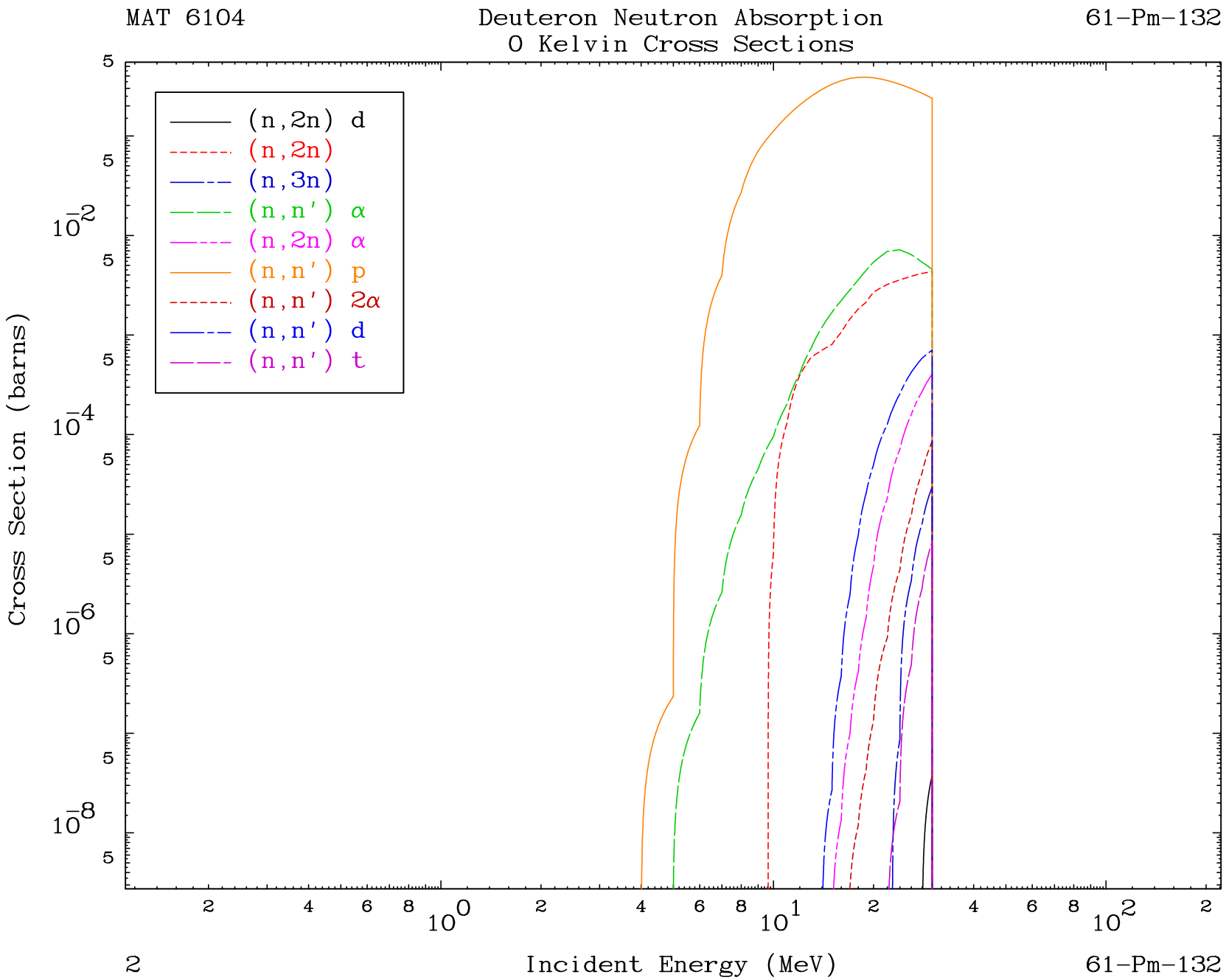
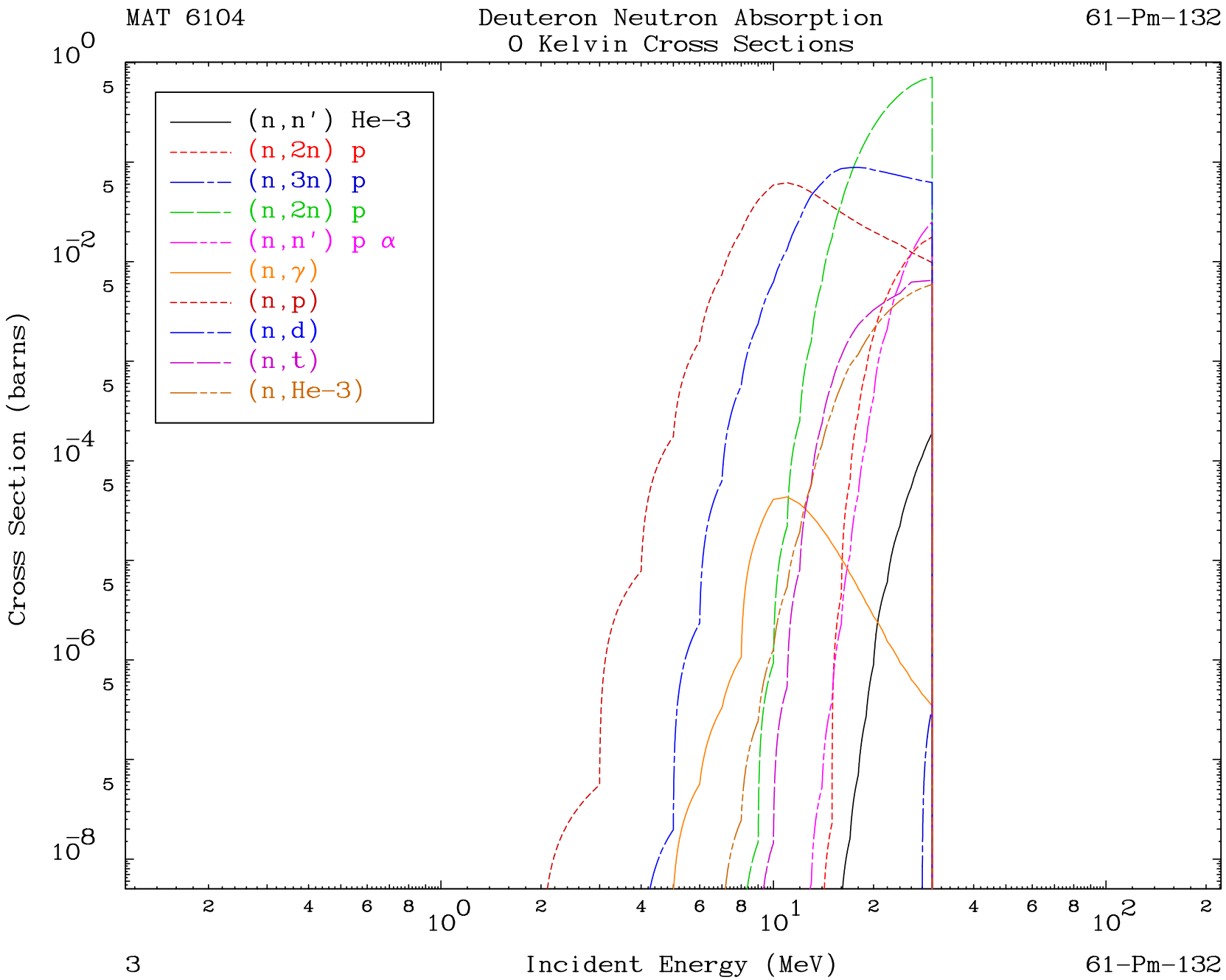
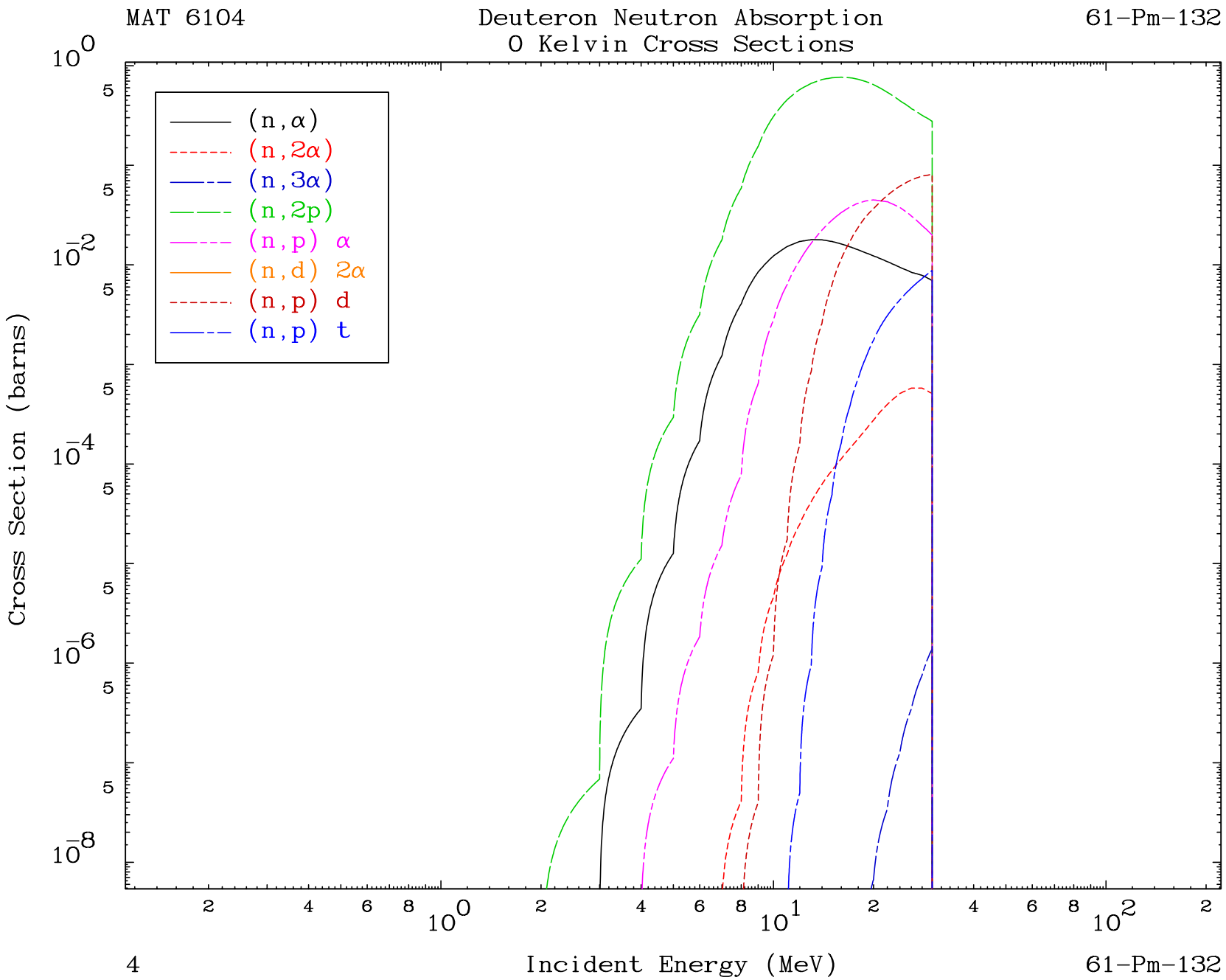
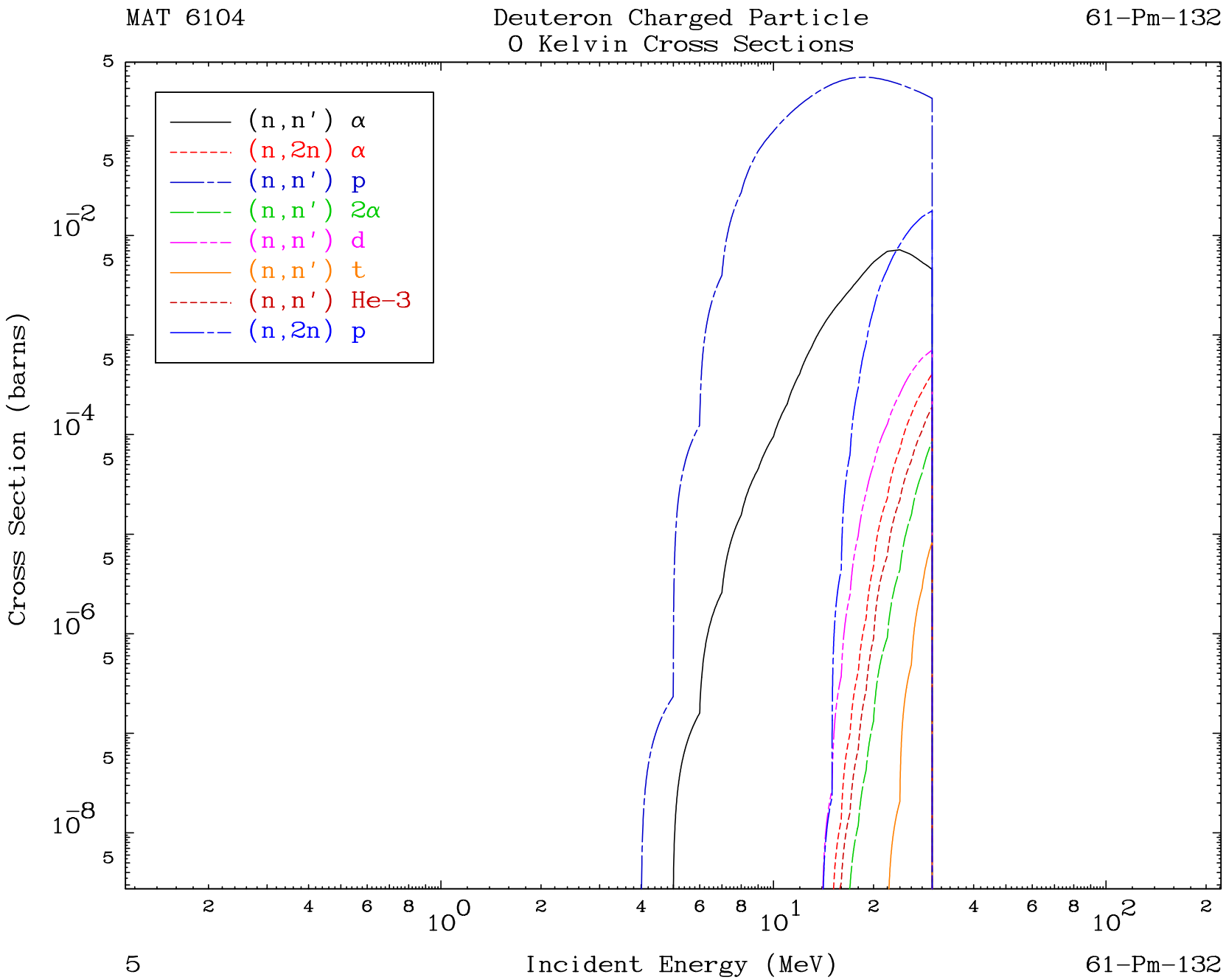
Press Mouse Button to Start

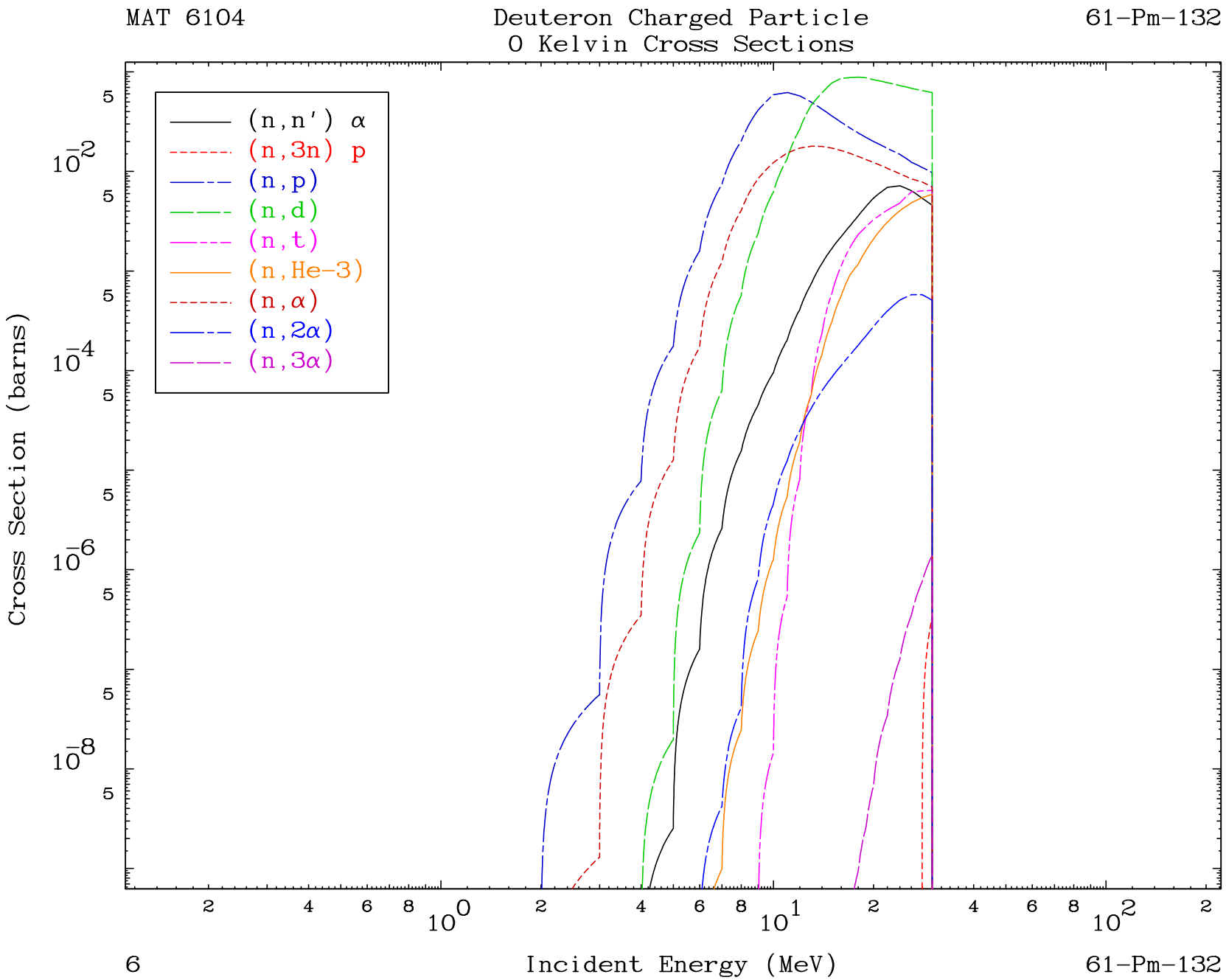

MAT 6104
Deuteron Major
61-Pm-132
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
61-Pm-132
1

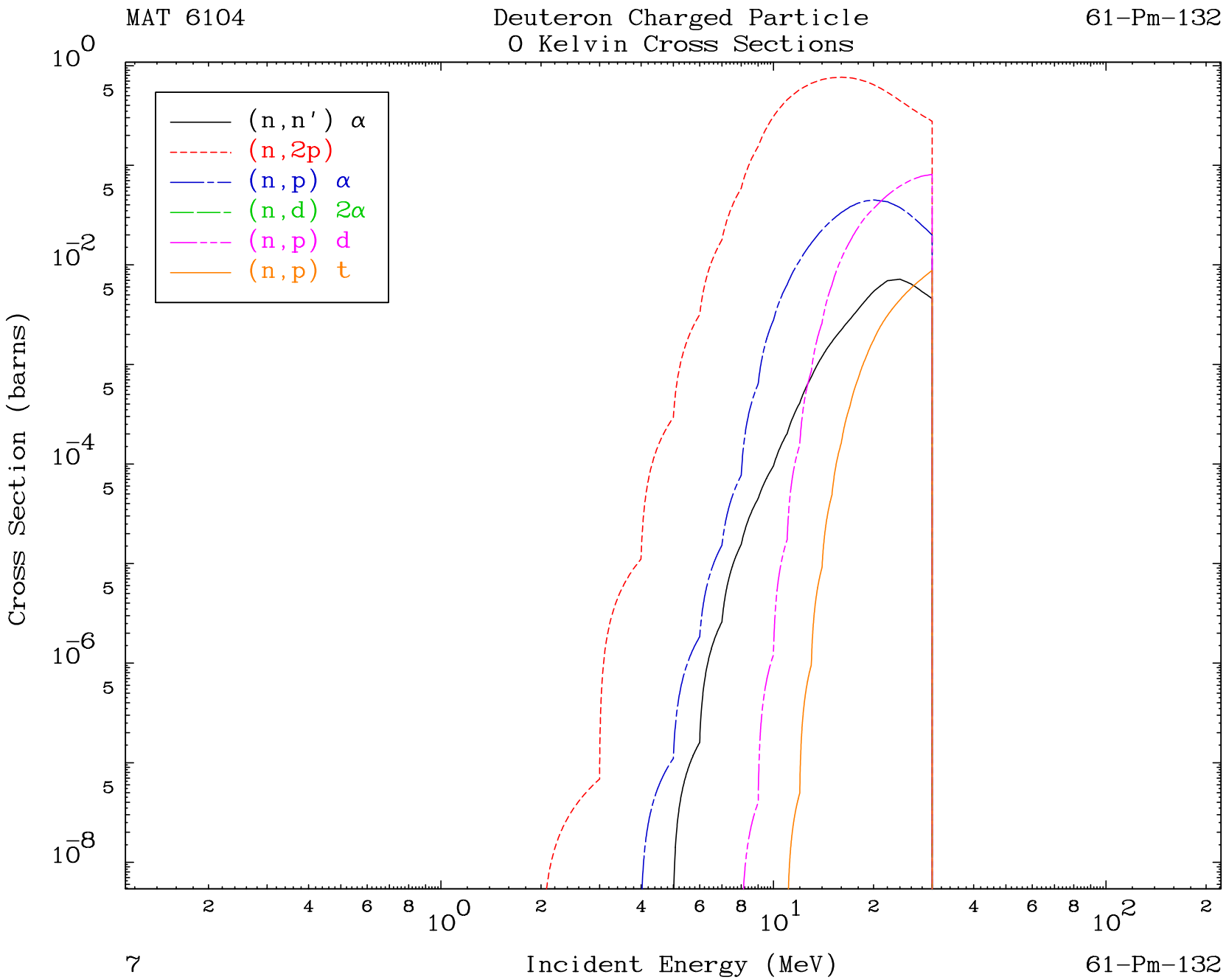

MAT 6104
Deuteron Neutron Absorption
0 Kelvin Cross Sections
61-Pm-132
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
61-Pm-132
2

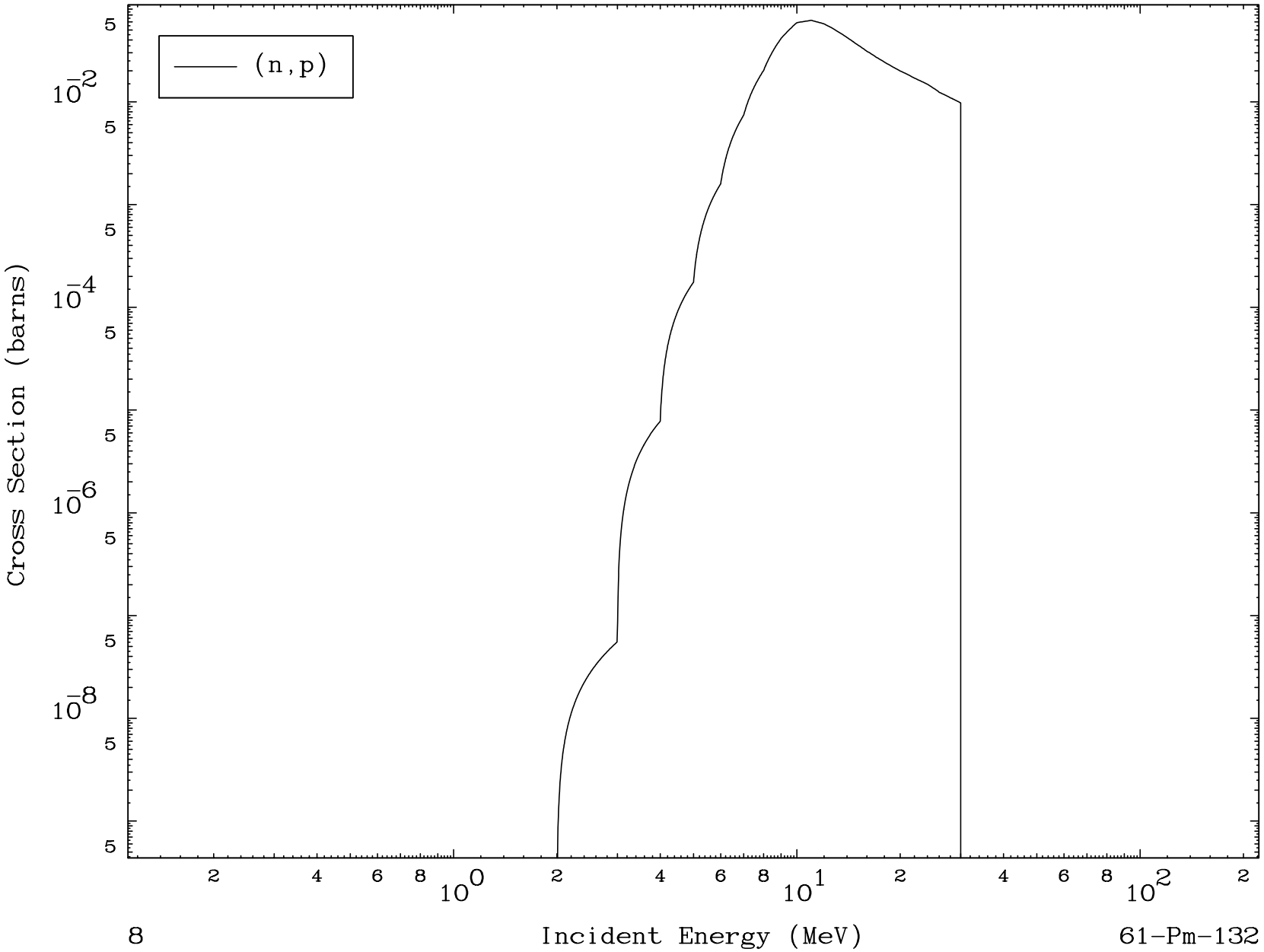

MAT 6104
Deuteron Neutron Absorption
0 Kelvin Cross Sections
61-Pm-132
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
61-Pm-132

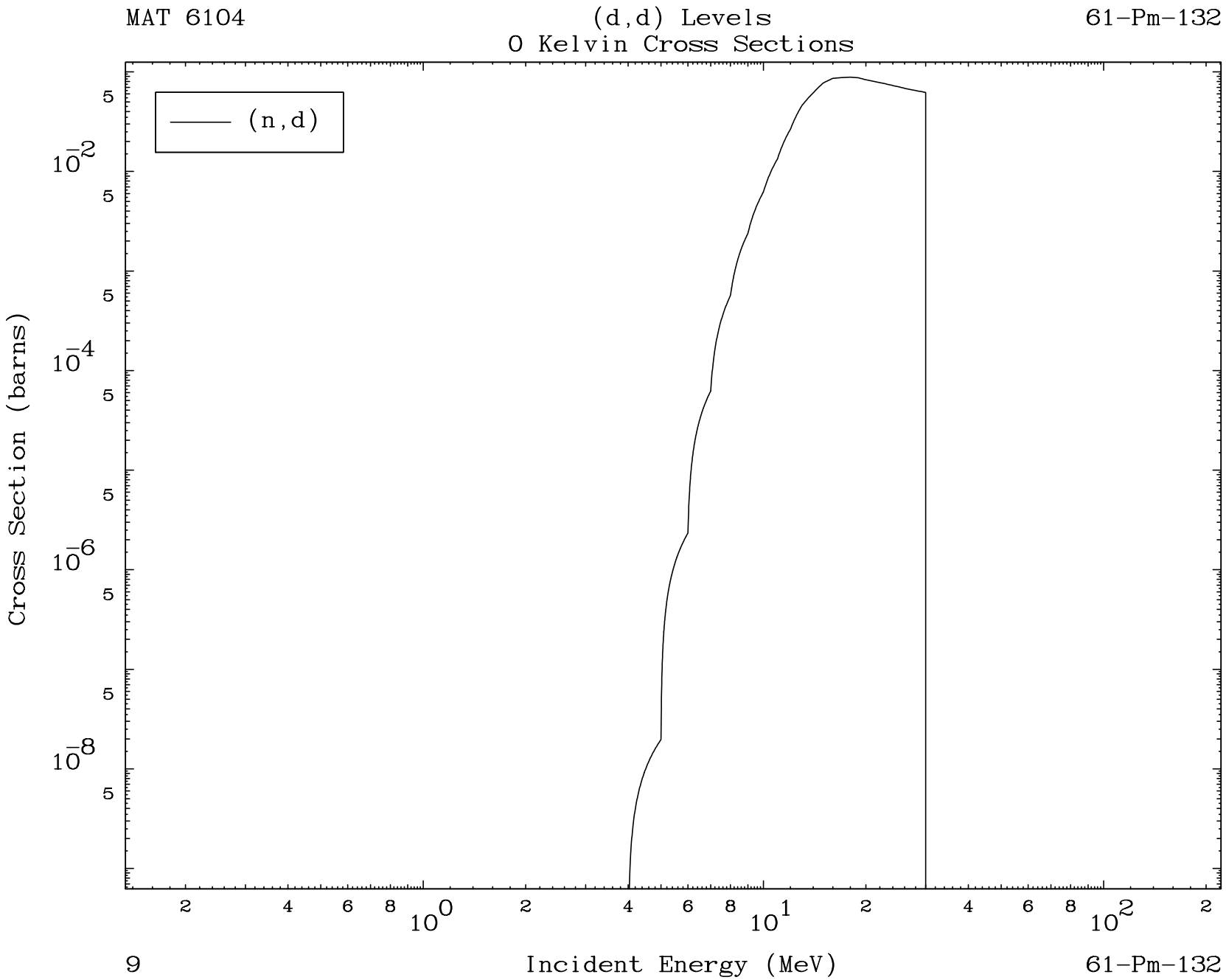

MAT 6104
Deuteron Neutron Absorption
0 Kelvin Cross Sections
61-Pm-132
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
4
61-Pm-132

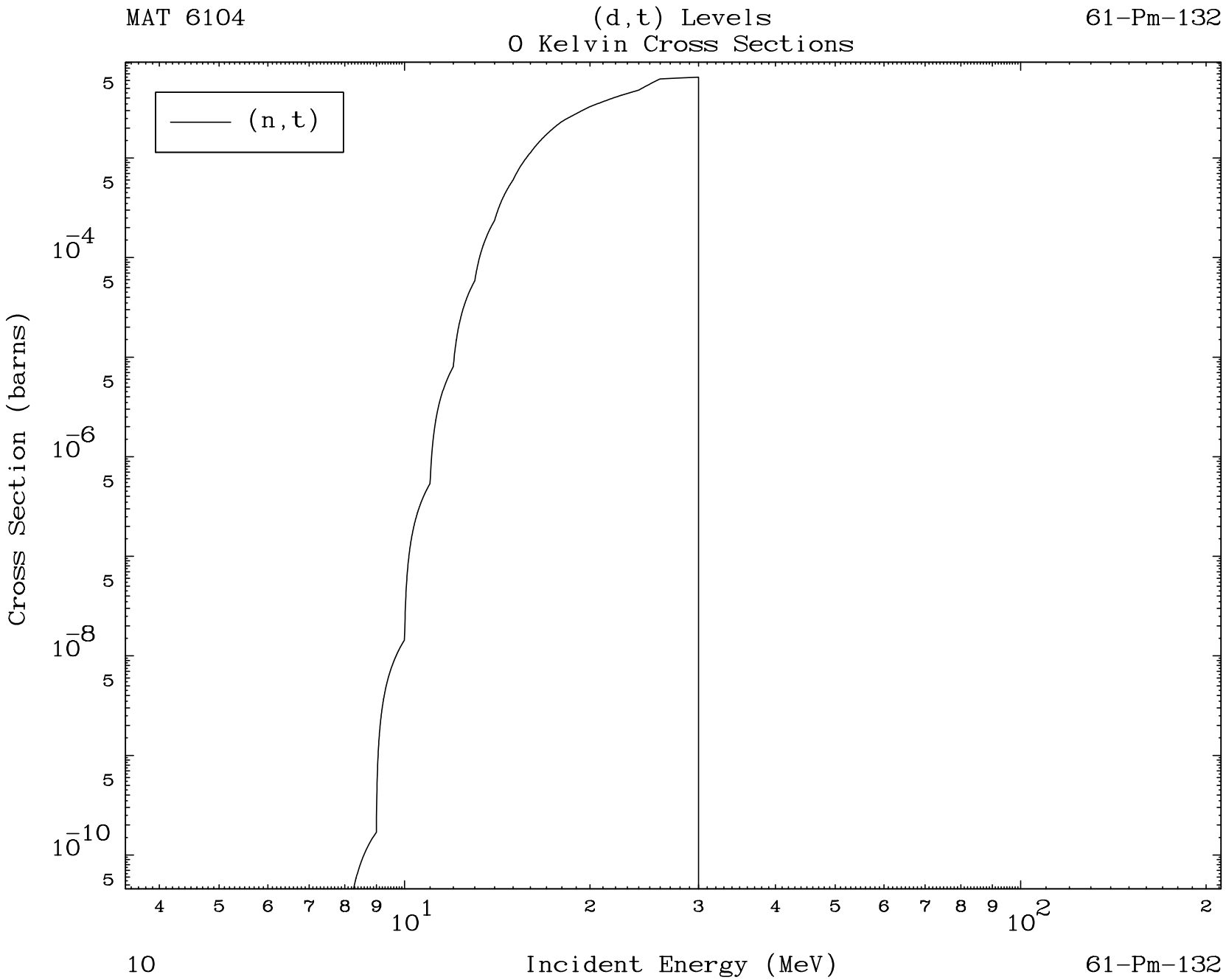

MAT 6104
Deuteron Charged Particle
0 Kelvin Cross Sections
61-Pm-132
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
61-Pm-132

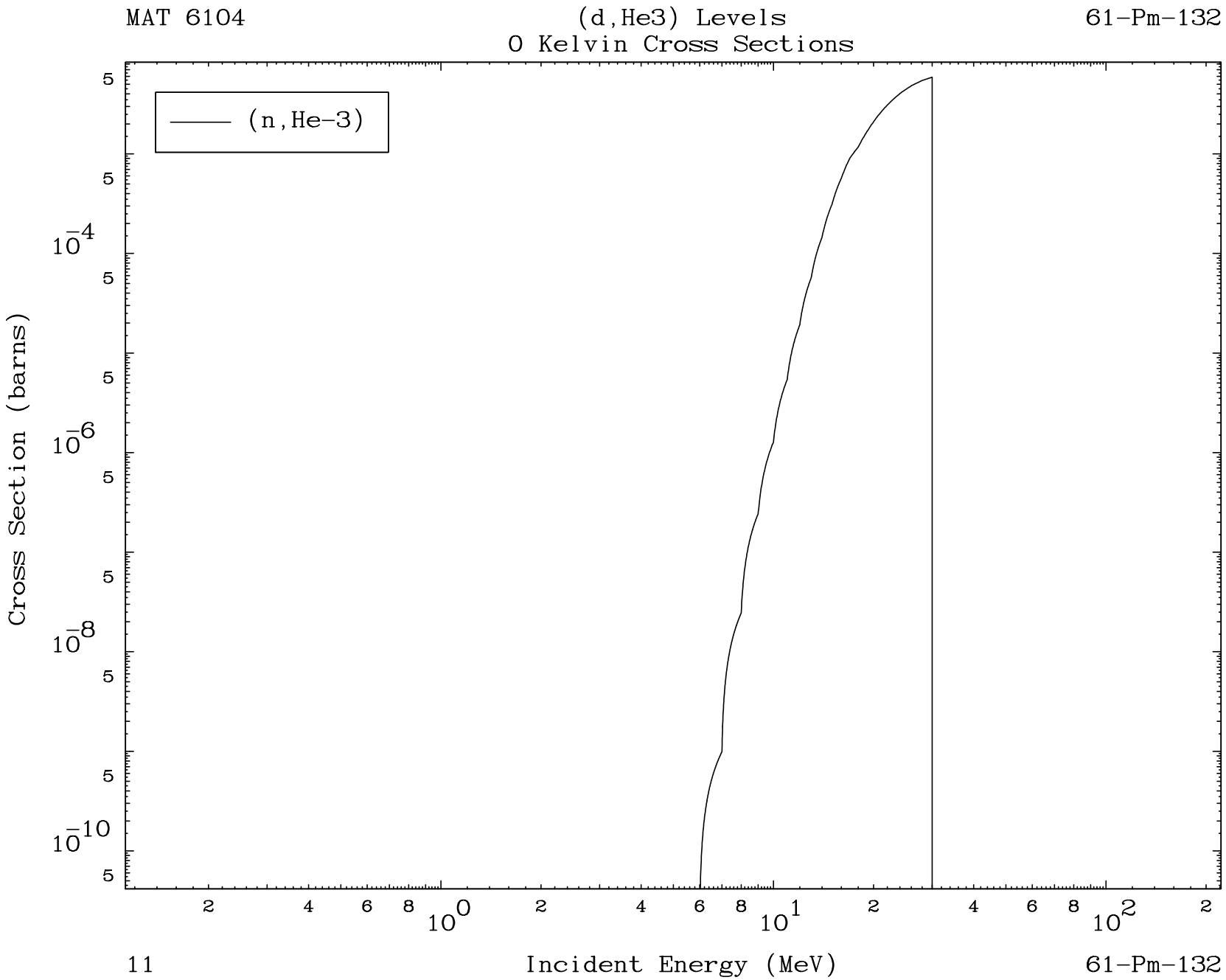

MAT 6104
Deuteron Charged Particle
0 Kelvin Cross Sections
61-Pm-132
(n,n') α
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
6
61-Pm-132

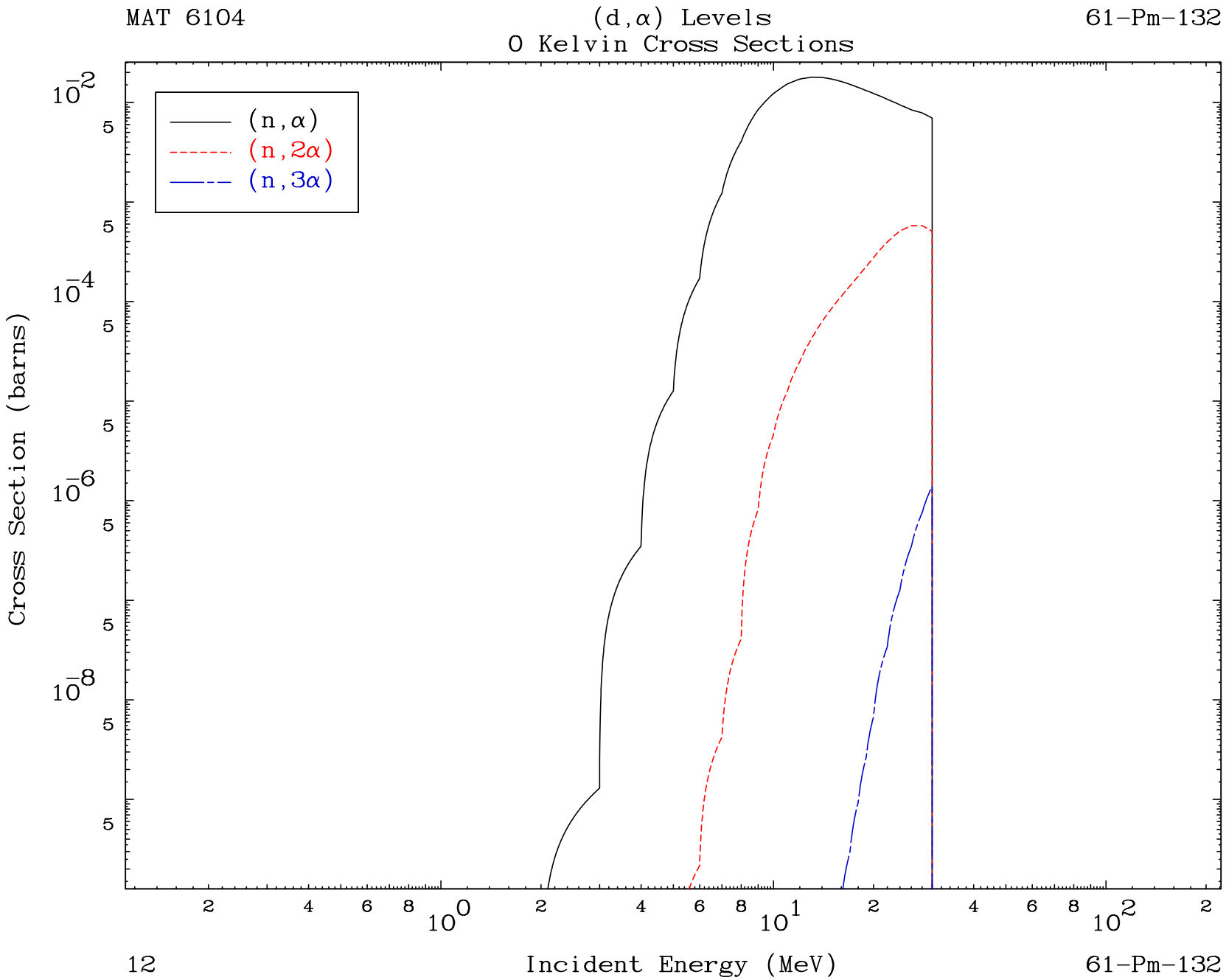

MAT 6104
Deuteron Charged Particle
0 Kelvin Cross Sections
61-Pm-132
(n,n') α
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
61-Pm-132
7

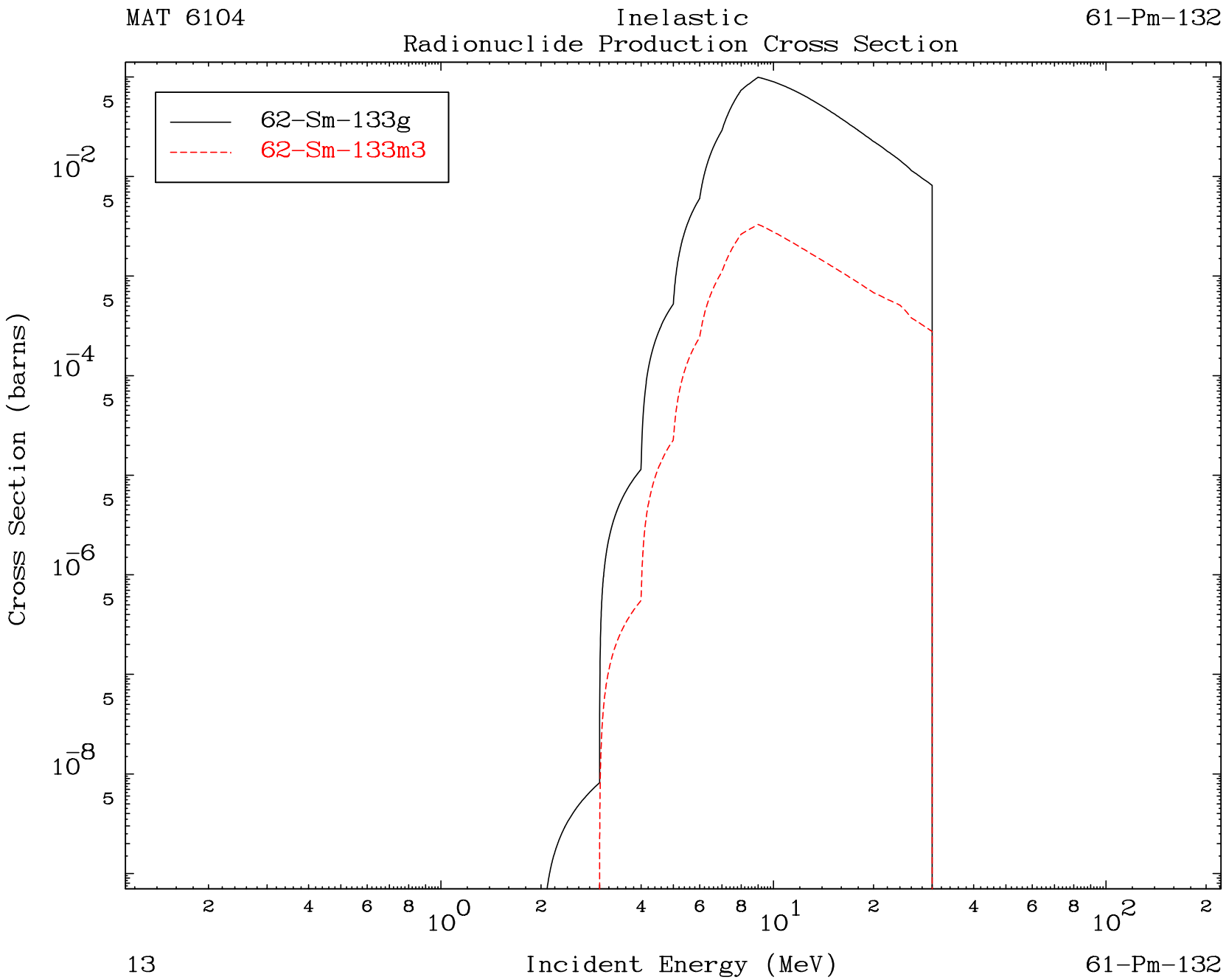

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)

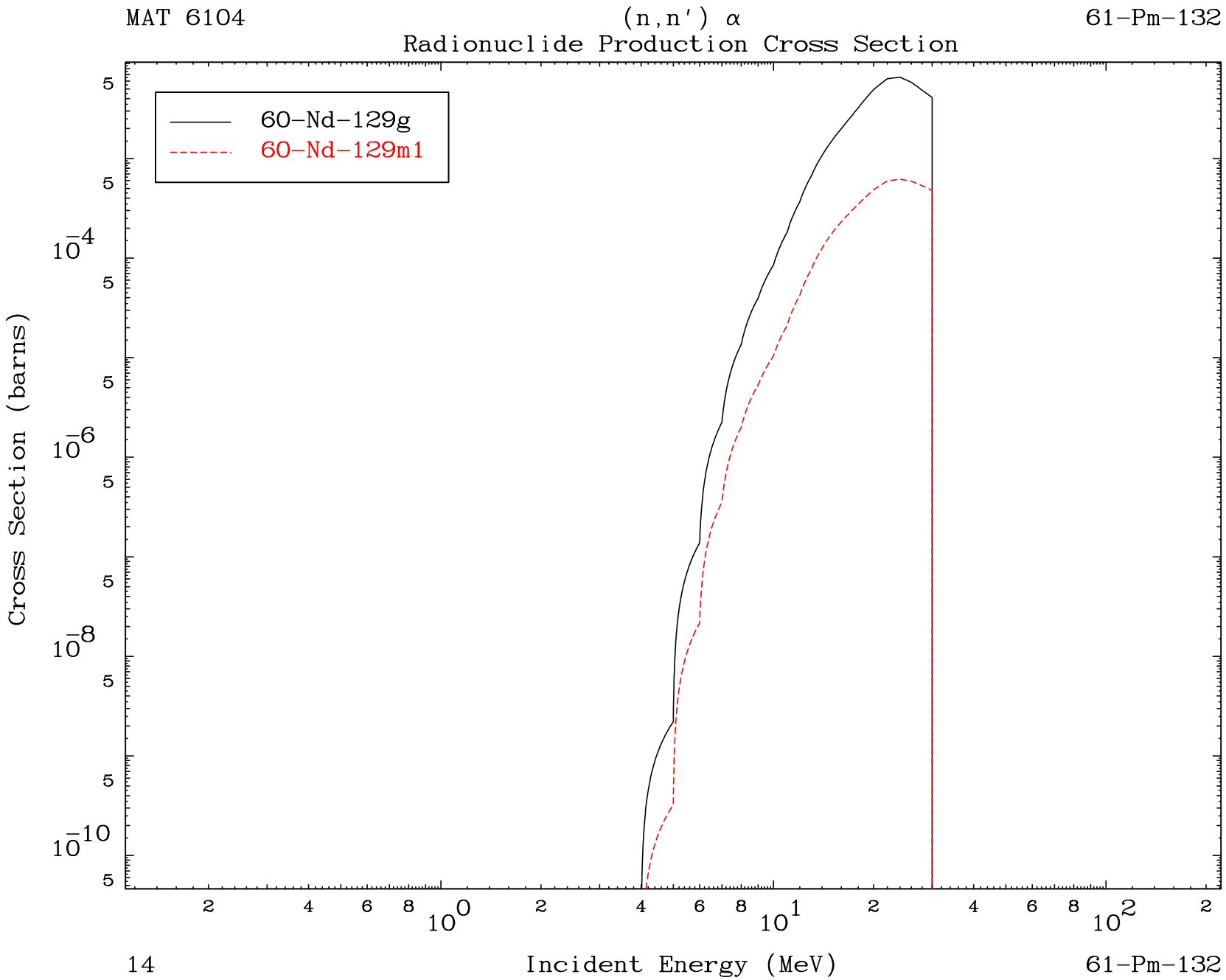

MAT 6104
(d,d) Levels
61-Pm-132
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
61-Pm-132

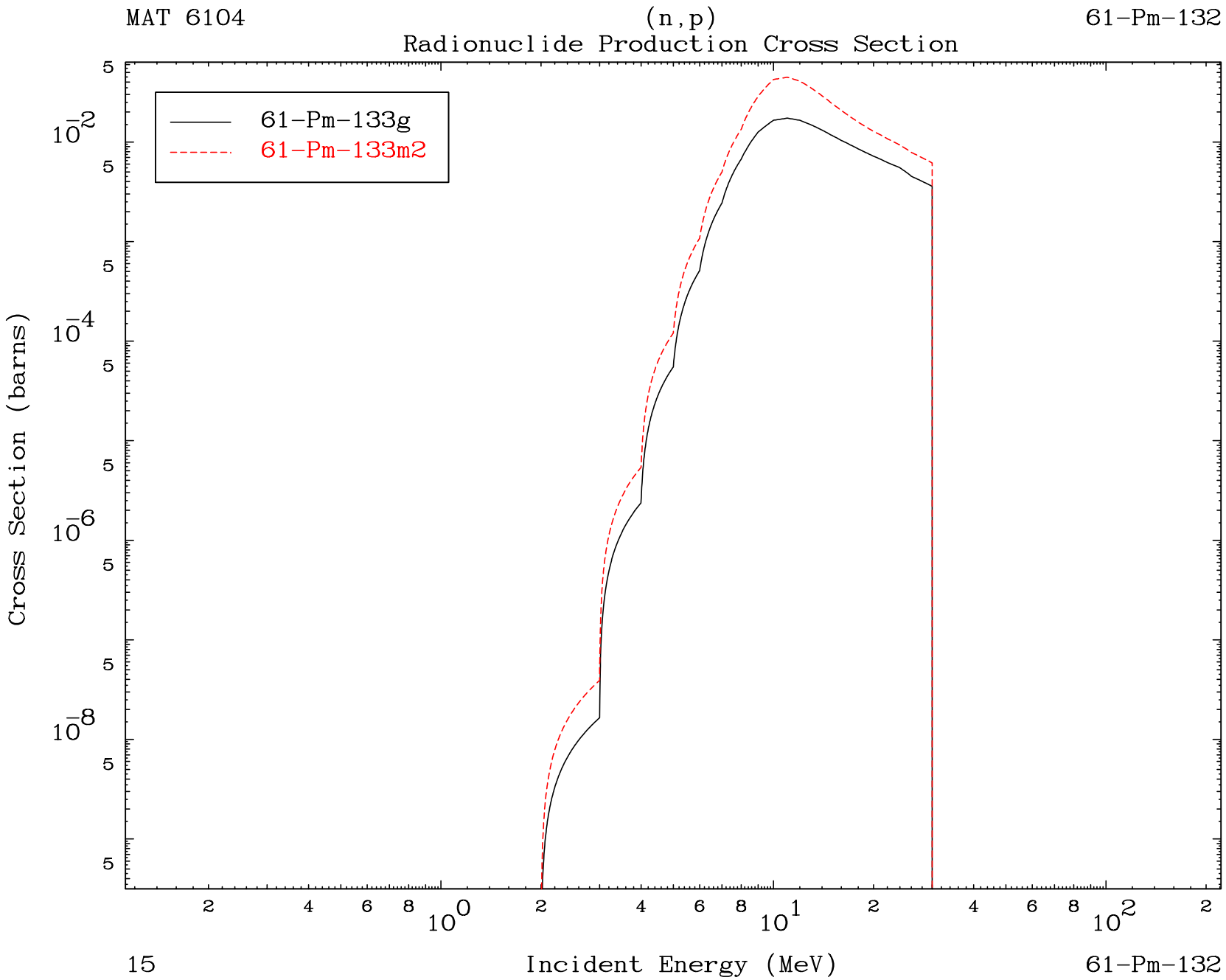

MAT 6104
(d,t) Levels
61-Pm-132
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
61-Pm-132

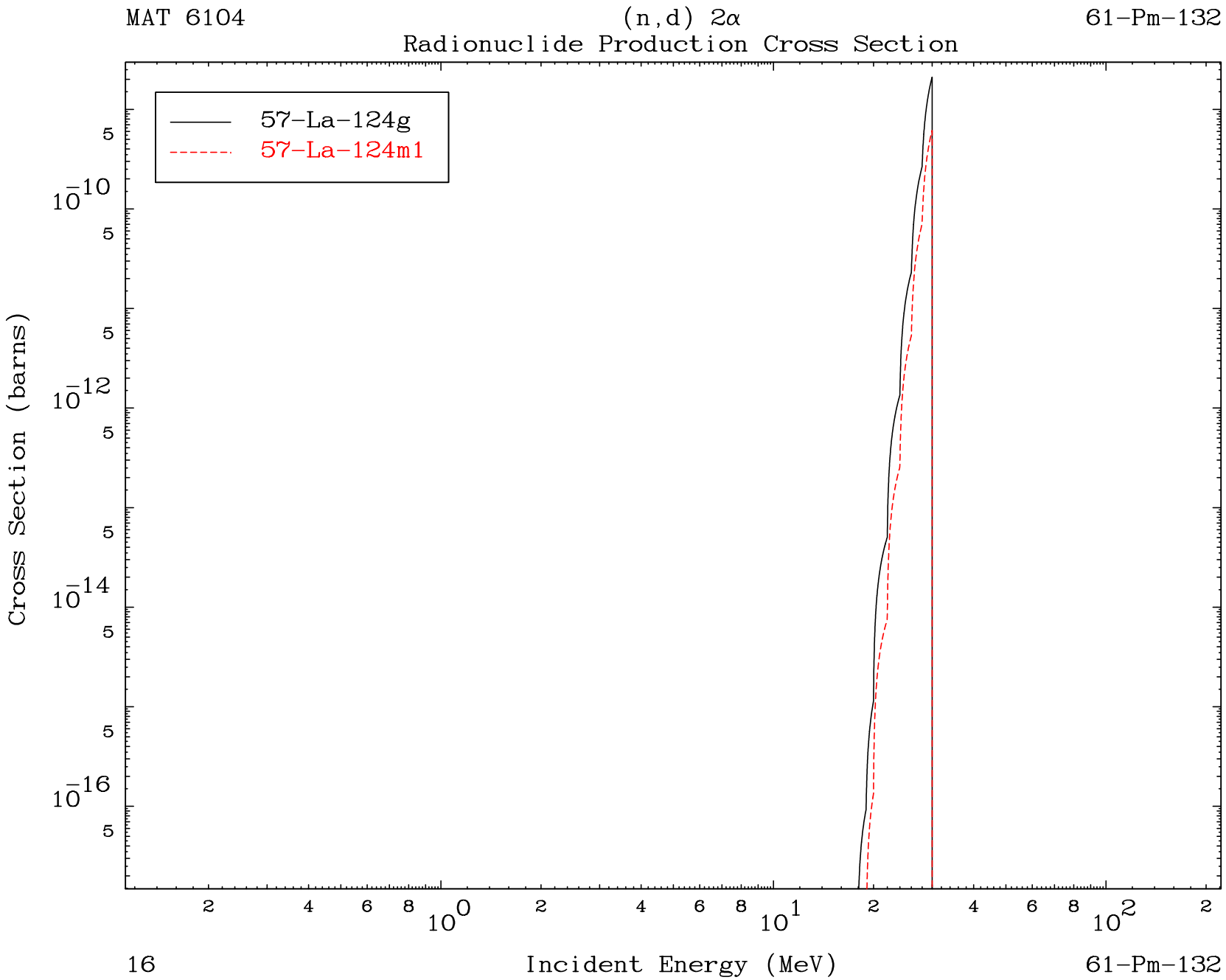

MAT 6104
(d,He3) Levels
61-Pm-132
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
61-Pm-132


MAT 6104
(d,α) Levels
61-Pm-132
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
10-2
10-4
10-6
10-8
10^0
10^1
10^2
Incident Energy (MeV)
12
61-Pm-132


MAT 6104
Inelastic
61-Pm-132
Radionuclide Production Cross Section
62-Sm-133g
62-Sm-133m3
Cross Section (barns)
Incident Energy (MeV)
13
61-Pm-132


MAT 6104
(n,n') α
61-Pm-132
Radionuclide Production Cross Section
60-Nd-129g
60-Nd-129m1
Cross Section (barns)
Incident Energy (MeV)
14
61-Pm-132


MAT 6104
(n,p)
61-Pm-132
Radionuclide Production Cross Section
61-Pm-133g
61-Pm-133m2
Cross Section (barns)
Incident Energy (MeV)
15
61-Pm-132


MAT 6104
(n,d) 2α
61-Pm-132
Radionuclide Production Cross Section
57-La-124g
57-La-124m1
Cross Section (barns)
Incident Energy (MeV)
16
61-Pm-132