Program EVALPLOT
(Version 2018-1)
by
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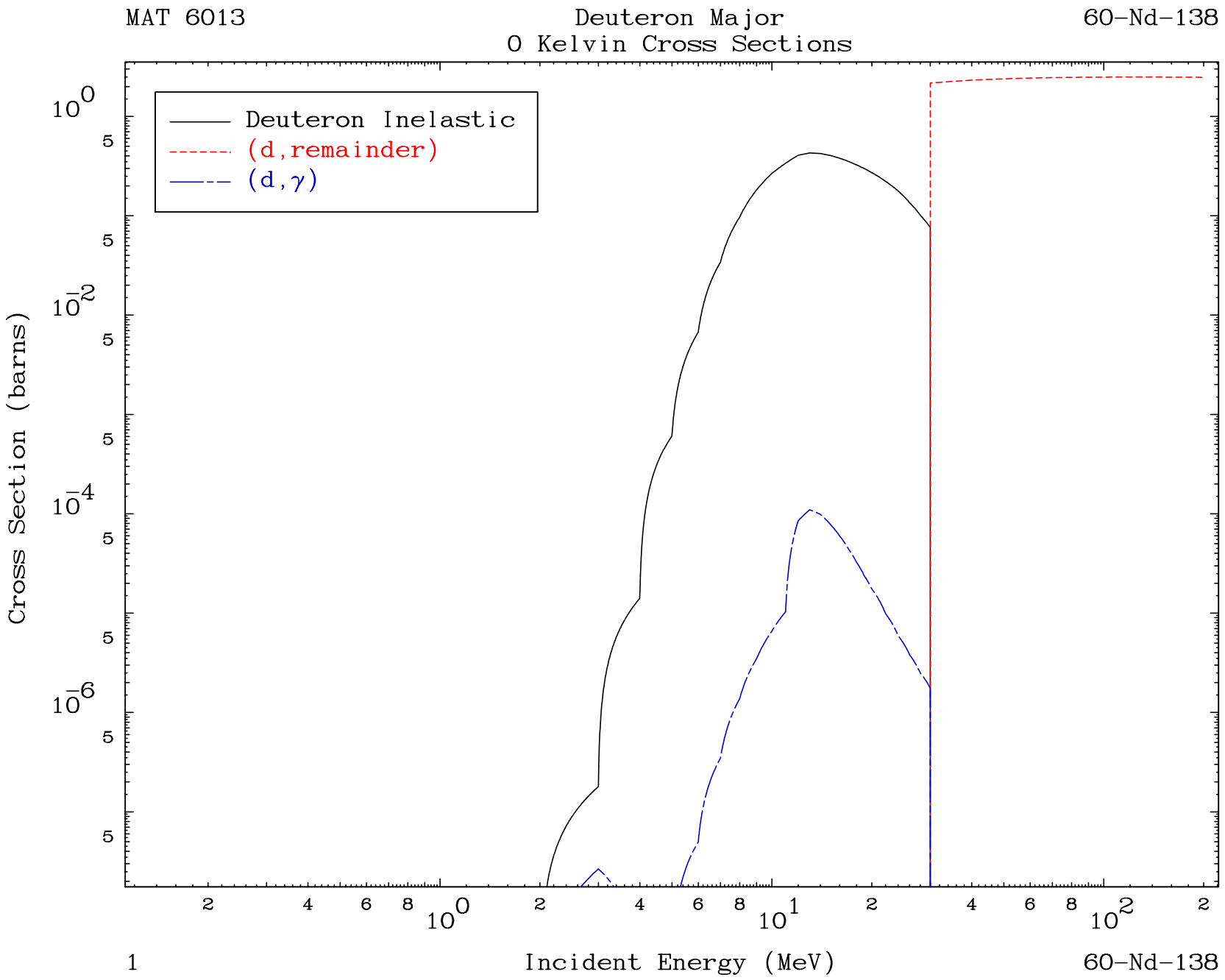
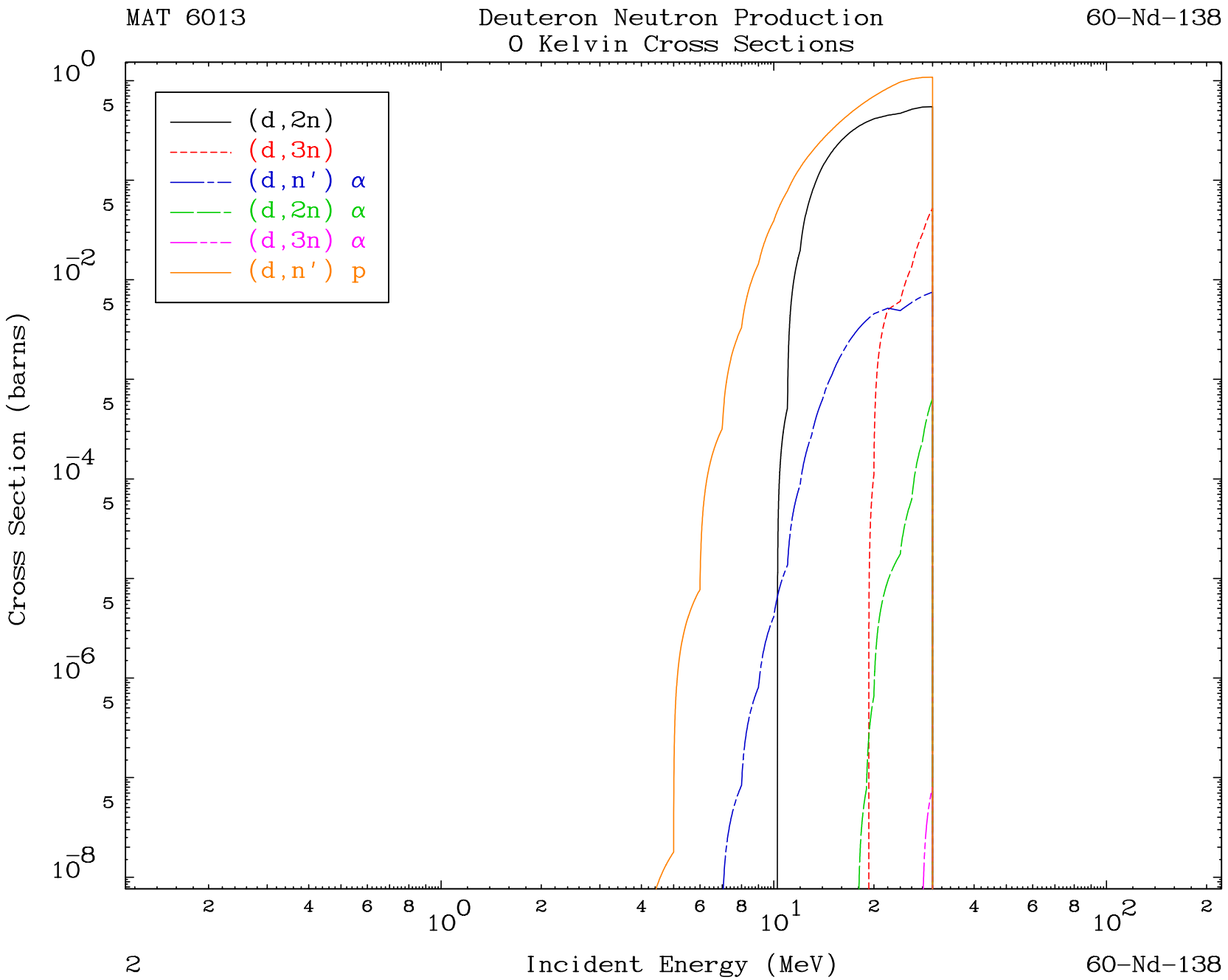
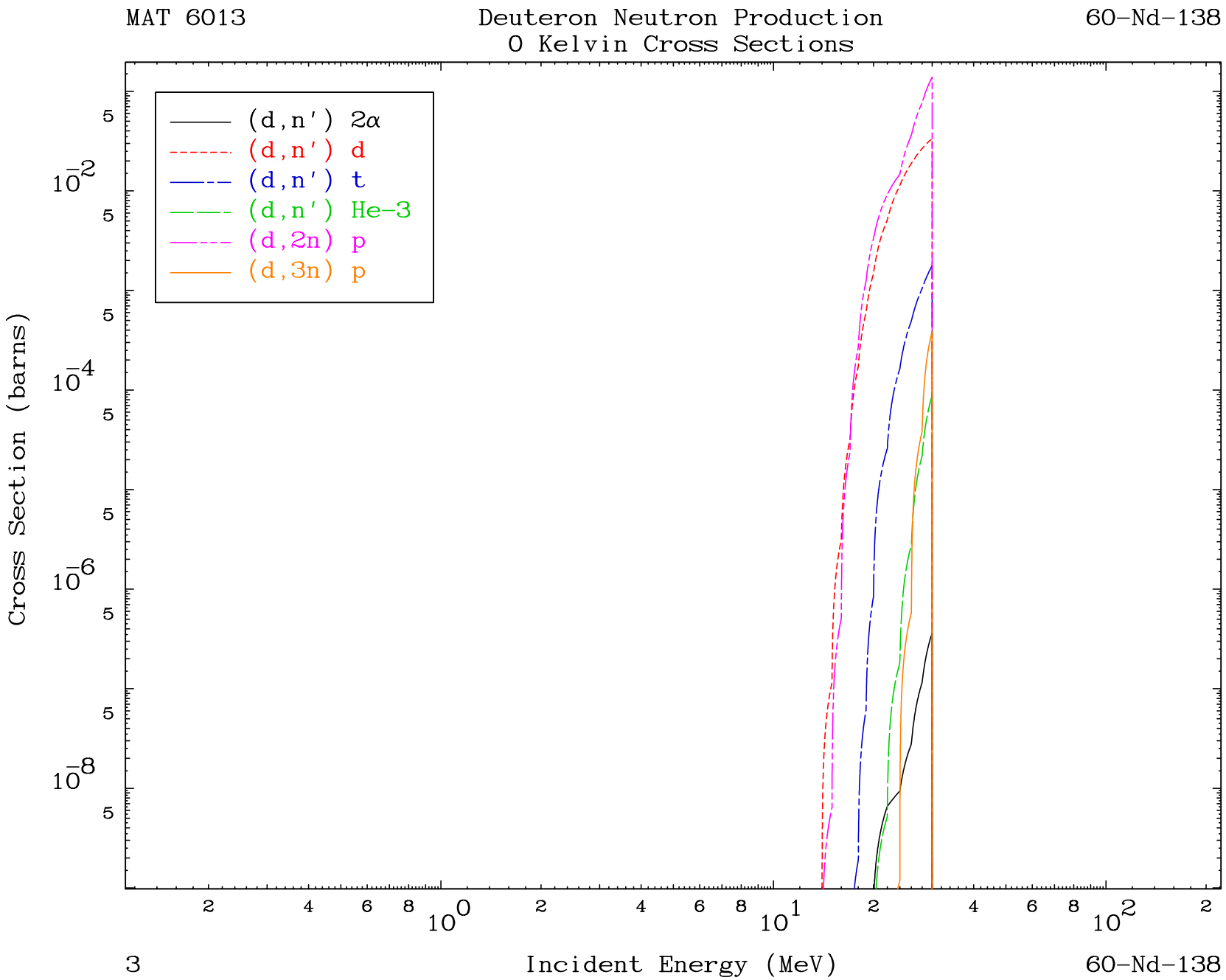
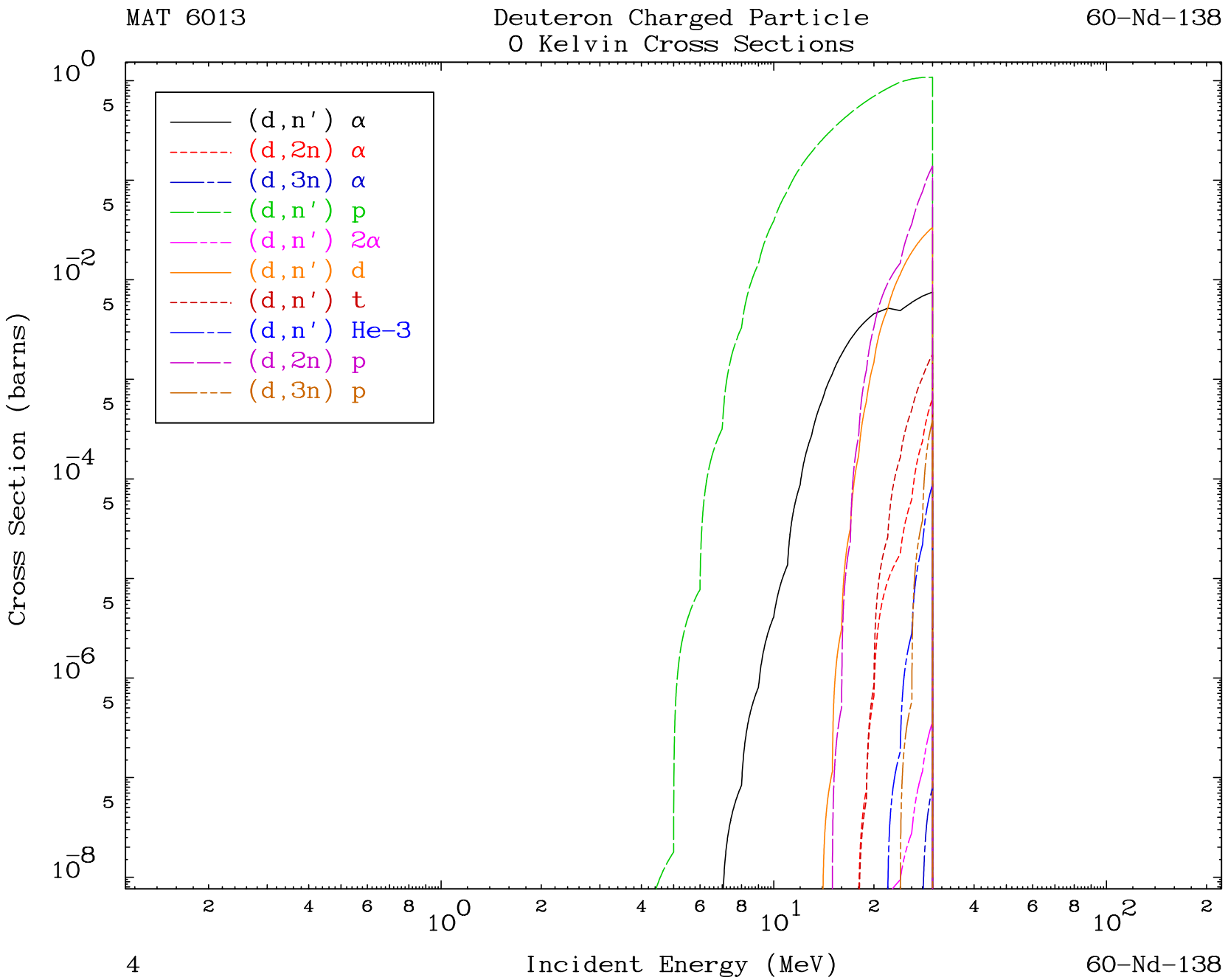
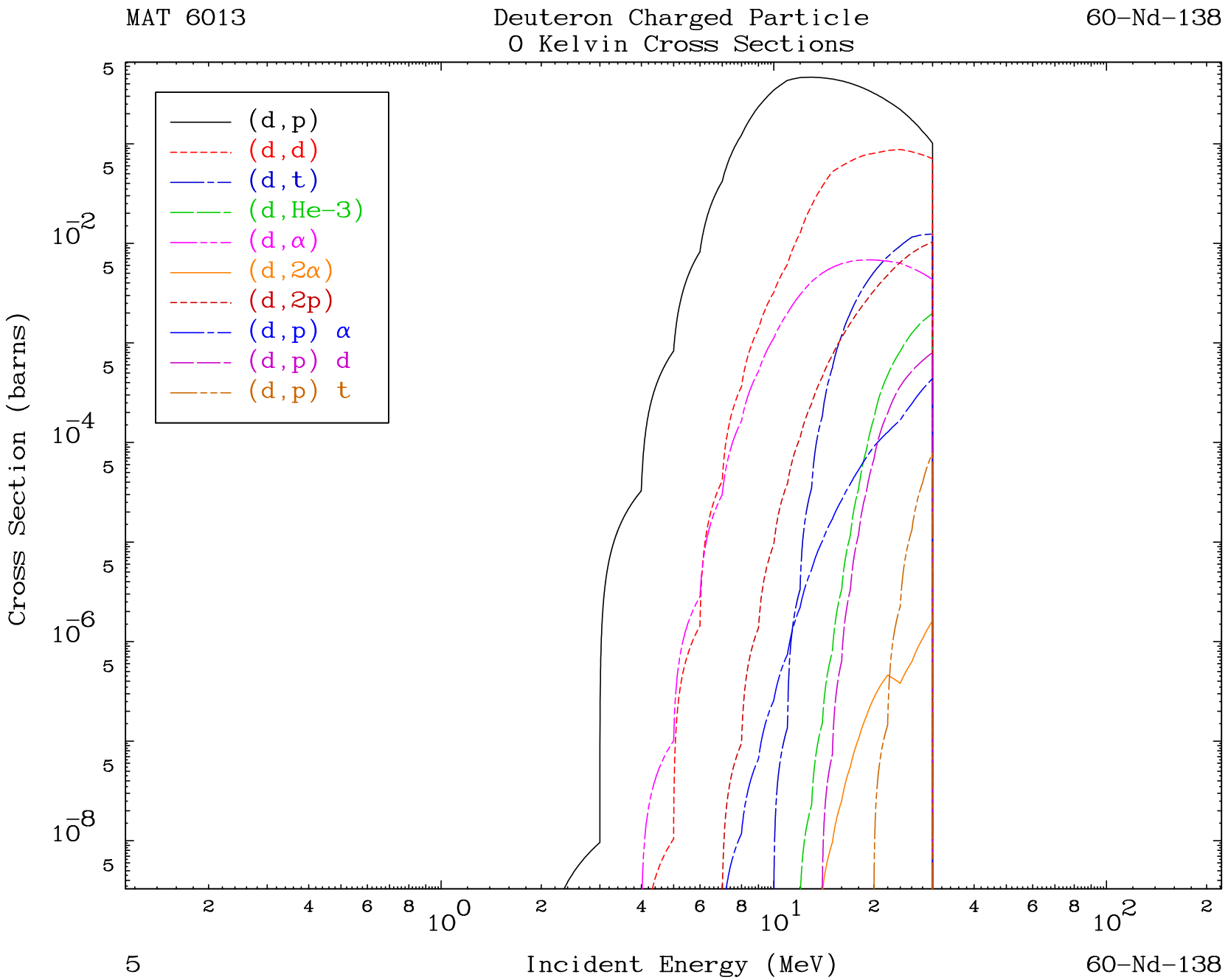
Press Mouse Button to Start

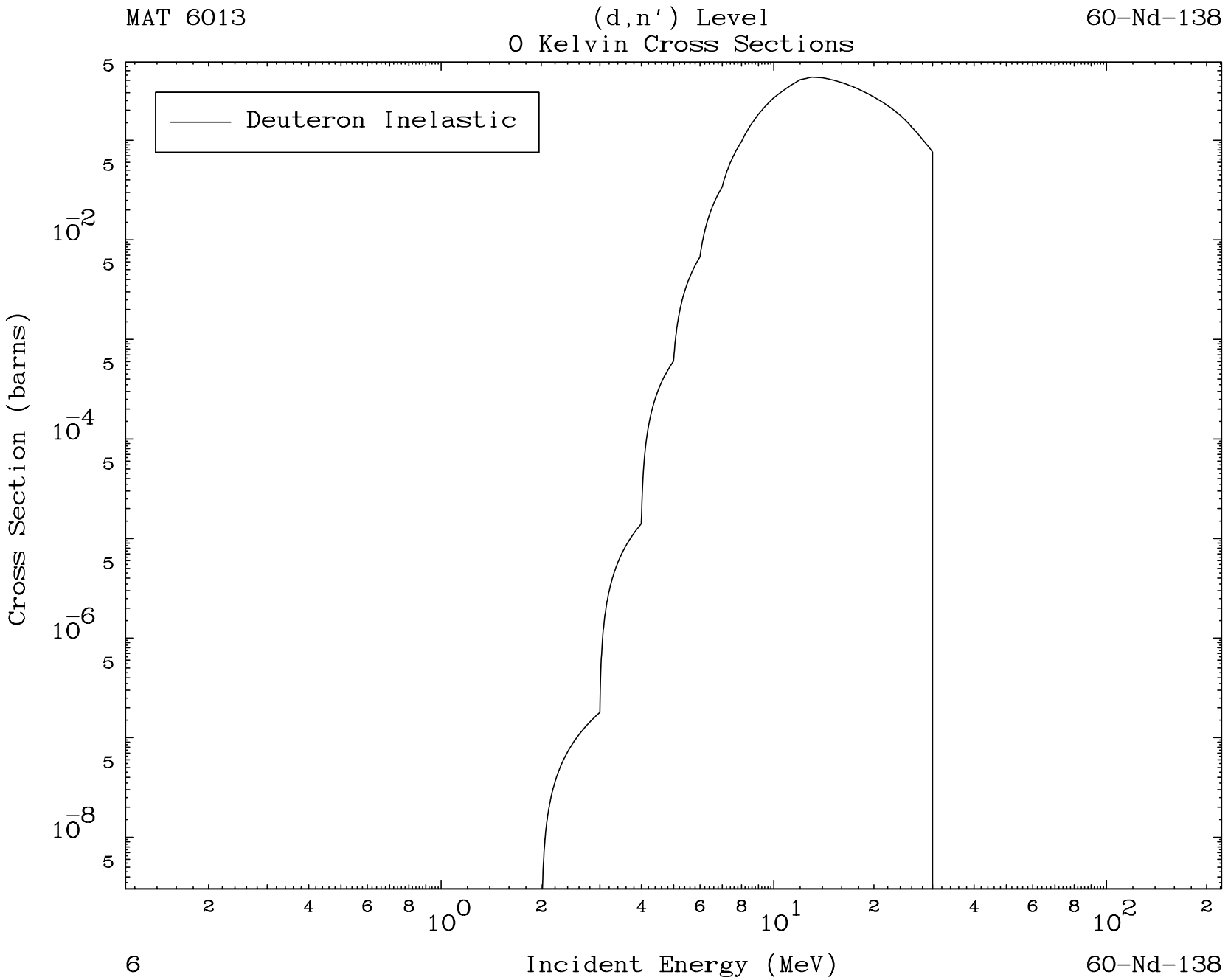

MAT 6013
Deuteron Major
0 Kelvin Cross Sections
60-Nd-138
Deuteron Inelastic
(d,remainder)
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
60-Nd-138
1

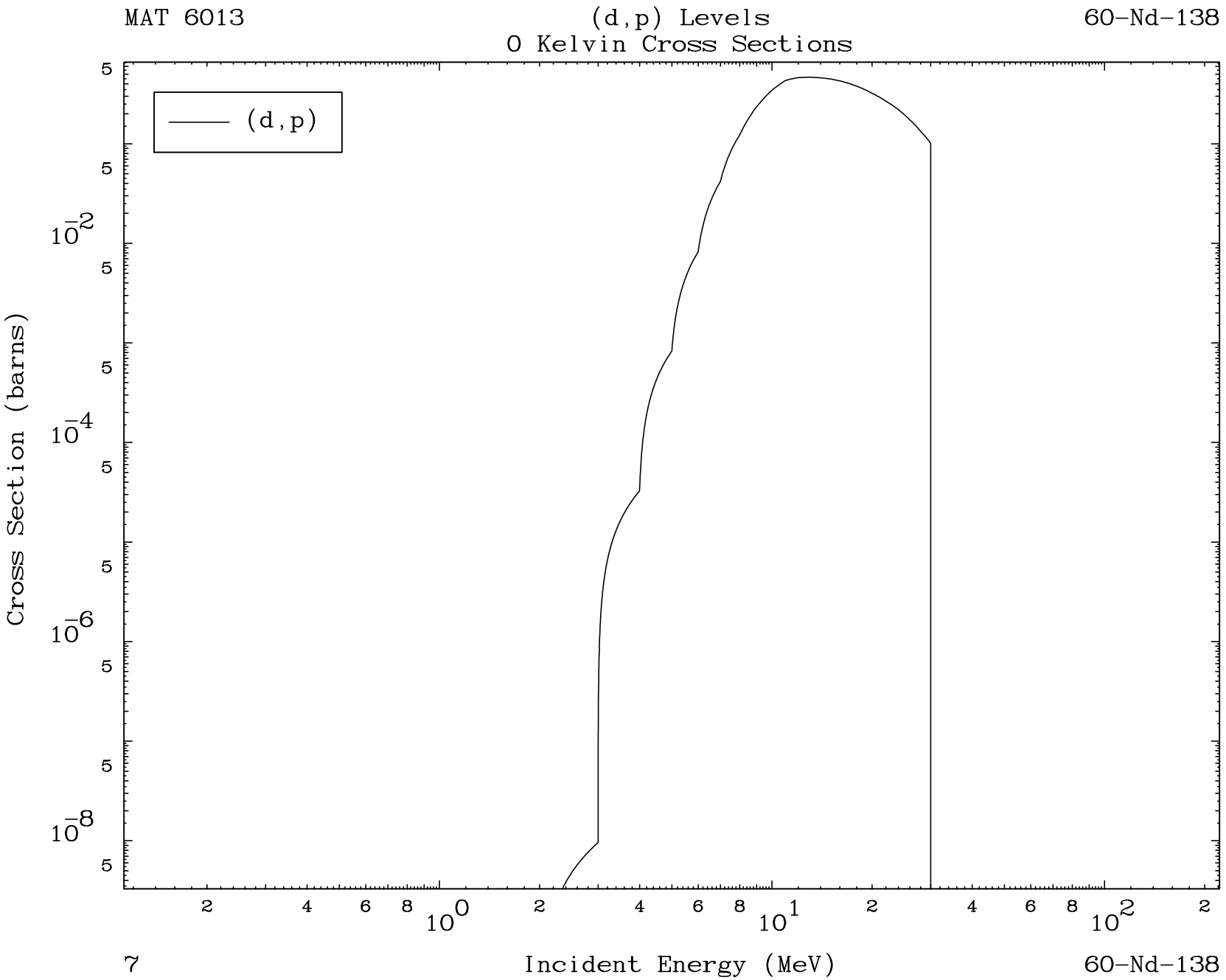

MAT 6013
Deuteron Neutron Production
0 Kelvin Cross Sections
60-Nd-138
(d,2n)
(d,3n)
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
Cross Section (barns)
Incident Energy (MeV)
60-Nd-138
2

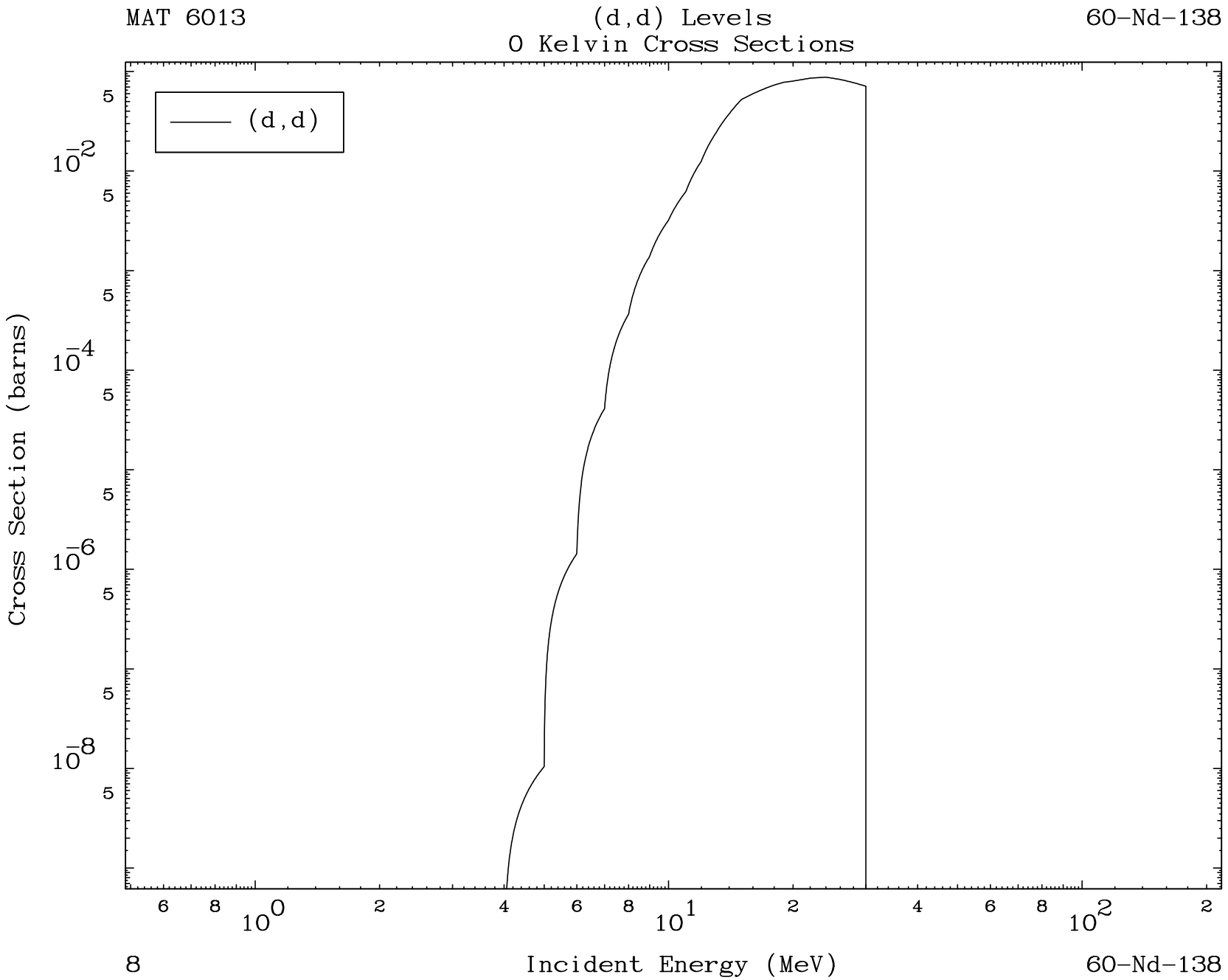

MAT 6013
Deuteron Neutron Production
0 Kelvin Cross Sections
60-Nd-138
(d,n') 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
3
60-Nd-138

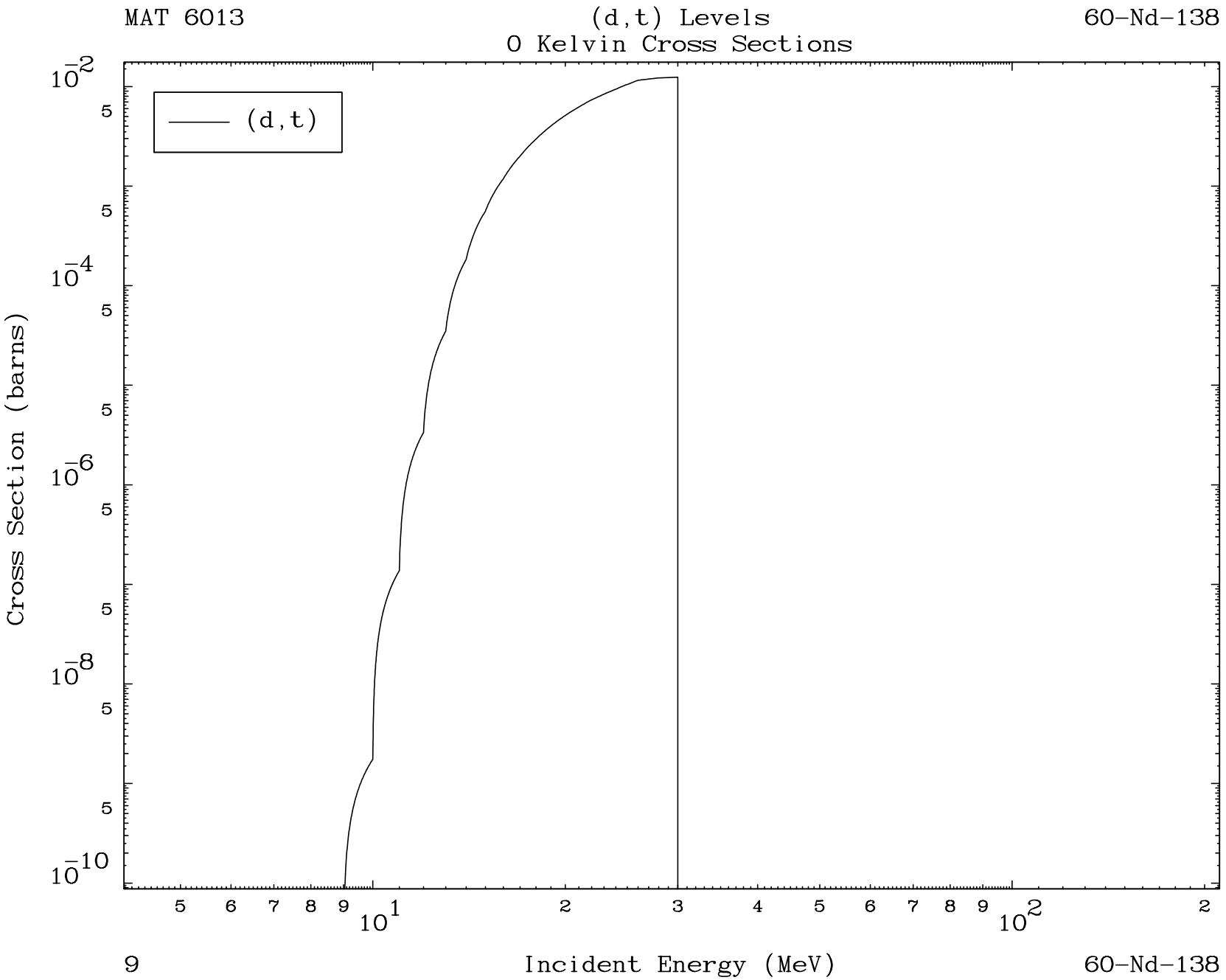

MAT 6013
Deuteron Charged Particle
0 Kelvin Cross Sections
60-Nd-138
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
60-Nd-138

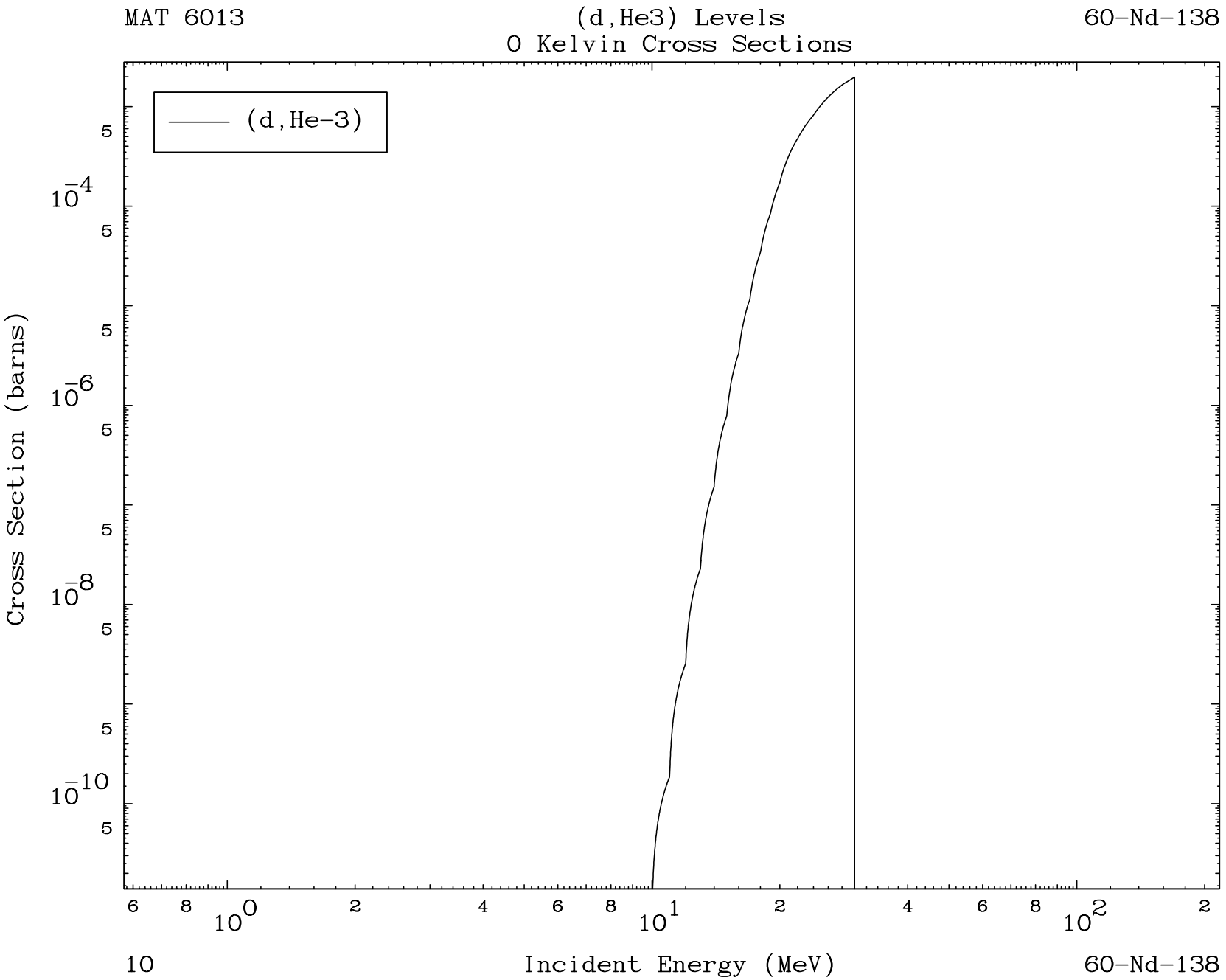

MAT 6013
Deuteron Charged Particle
0 Kelvin Cross Sections
60-Nd-138
(d,p)
(d,d)
(d,t)
(d,He-3)
(d,α)
(d,2α)
(d,2p)
(d,p) α
(d,p) d
(d,p) t
Cross Section (barns)
Incident Energy (MeV)
60-Nd-138

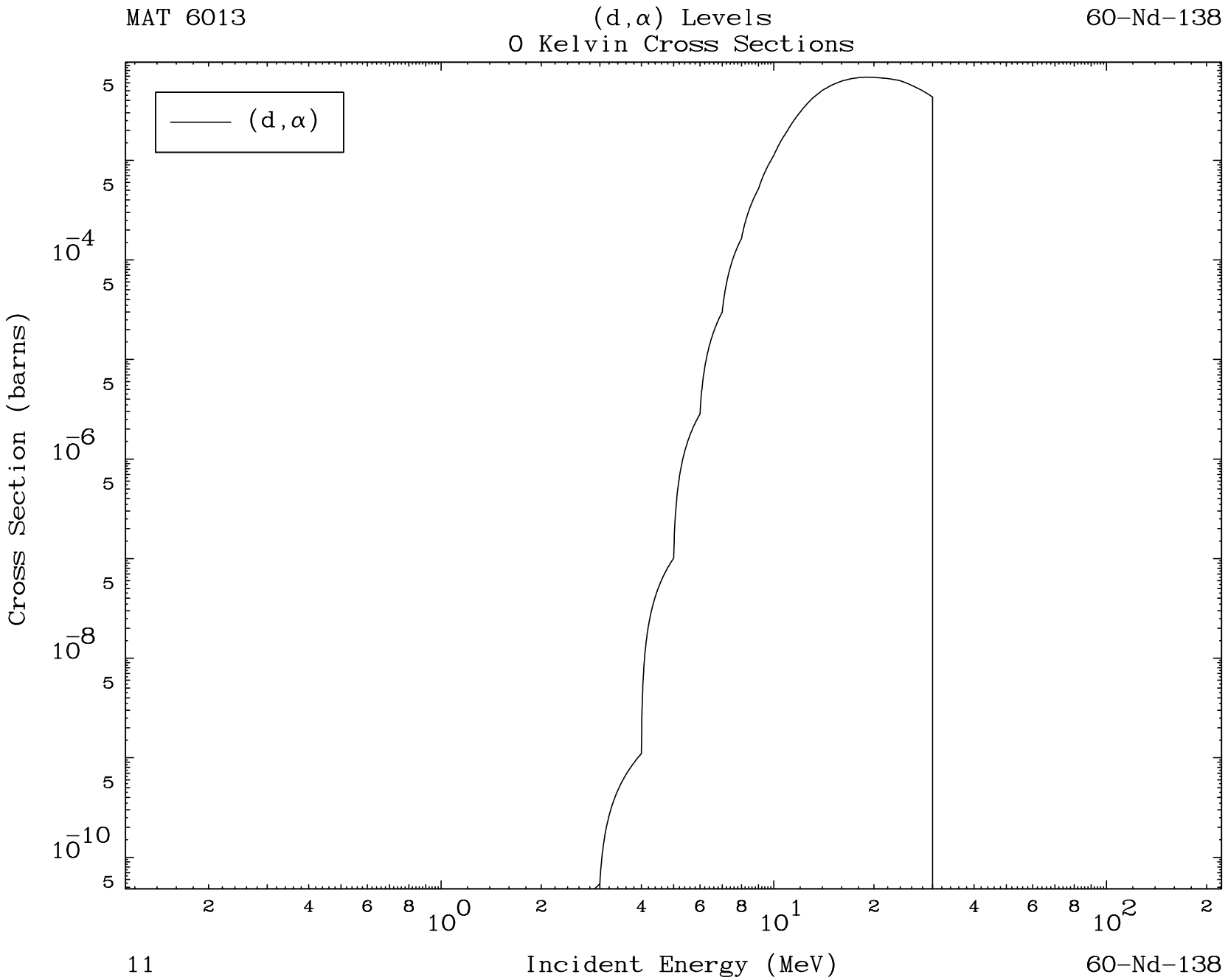

MAT 6013
(d,n') Level
60-Nd-138
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
6
60-Nd-138

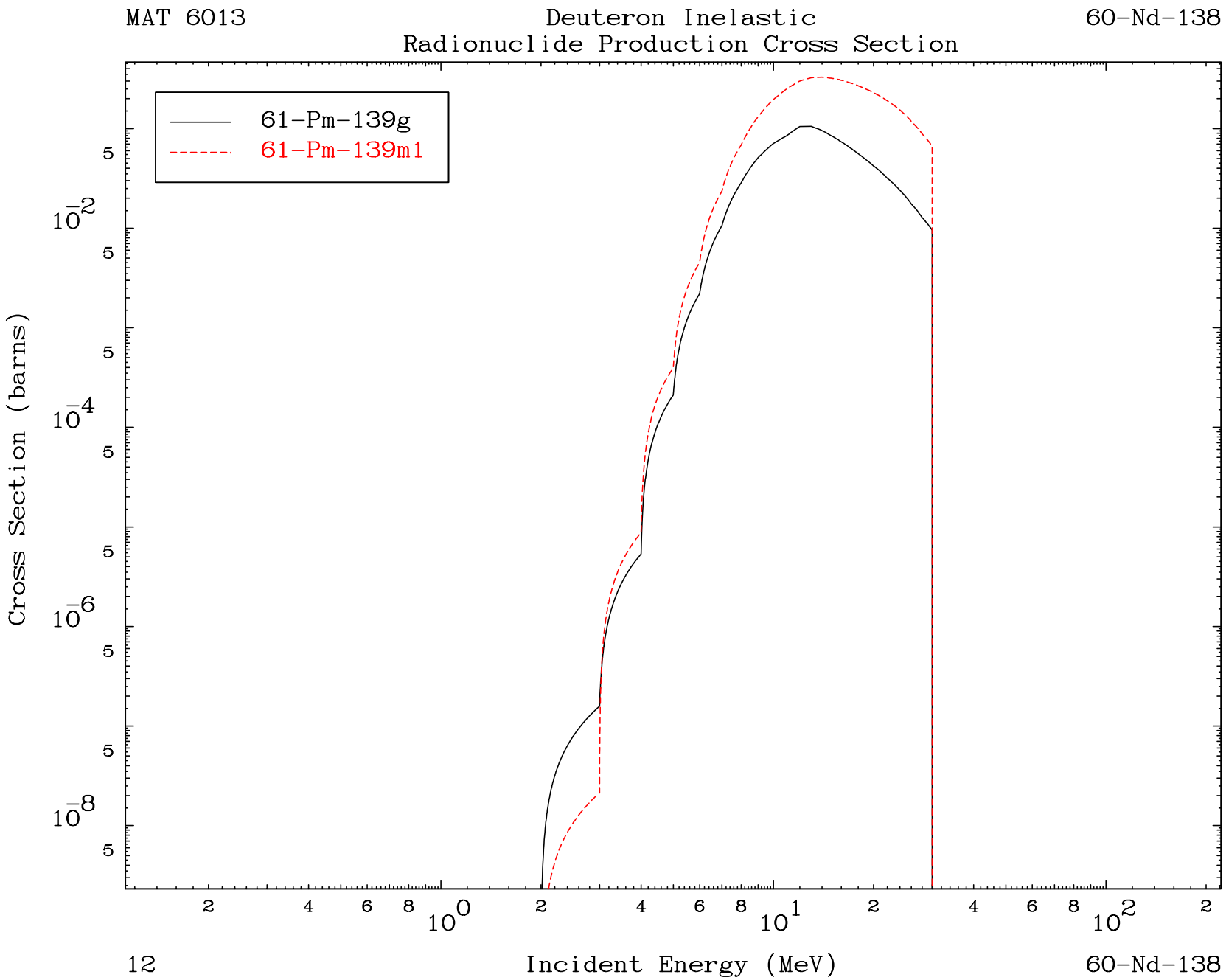

MAT 6013
(d,p) Levels
60-Nd-138
0 Kelvin Cross Sections
(d,p)
Cross Section (barns)
Incident Energy (MeV)
7
60-Nd-138

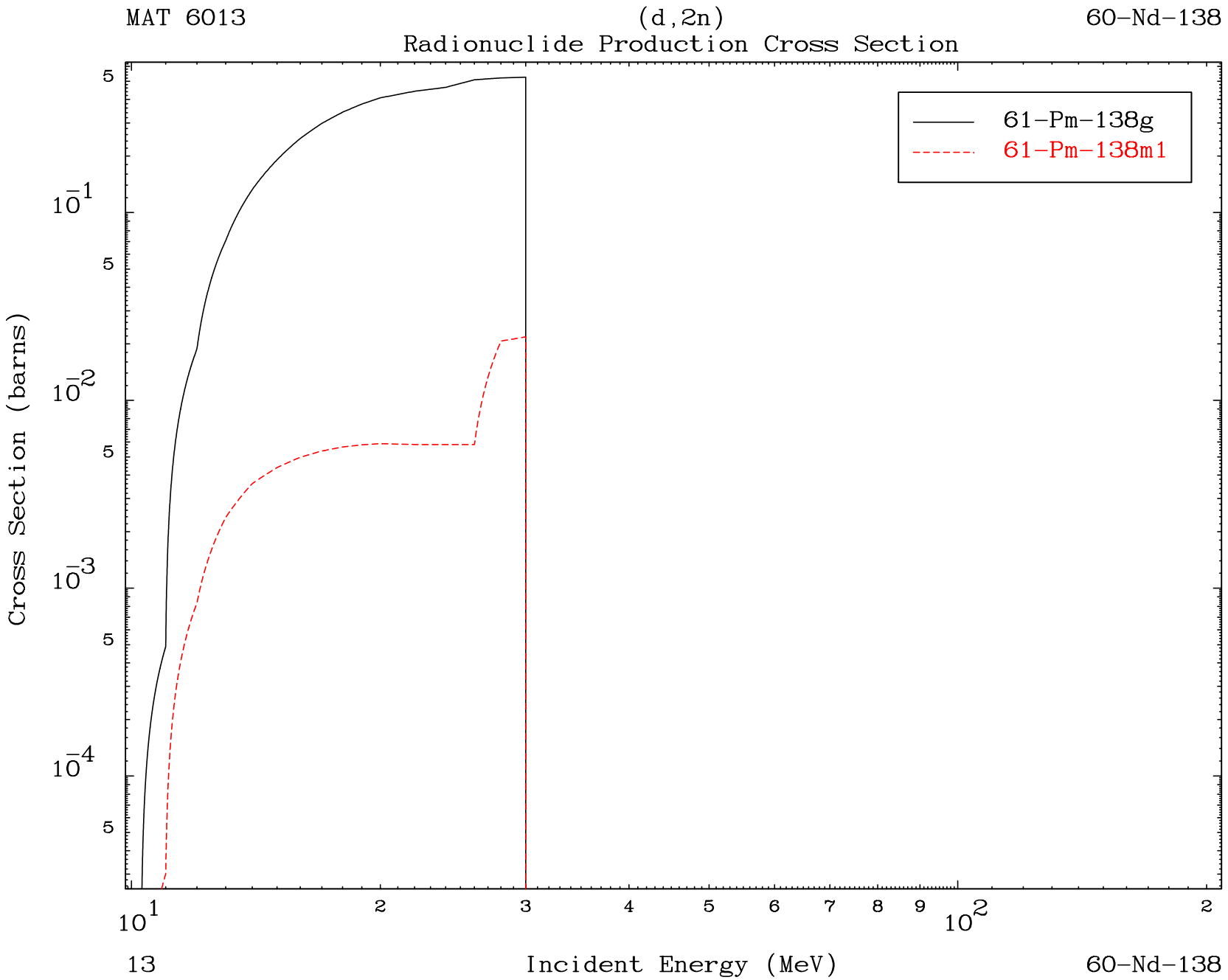

MAT 6013
(d,d) Levels
60-Nd-138
0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
Incident Energy (MeV)
8
60-Nd-138

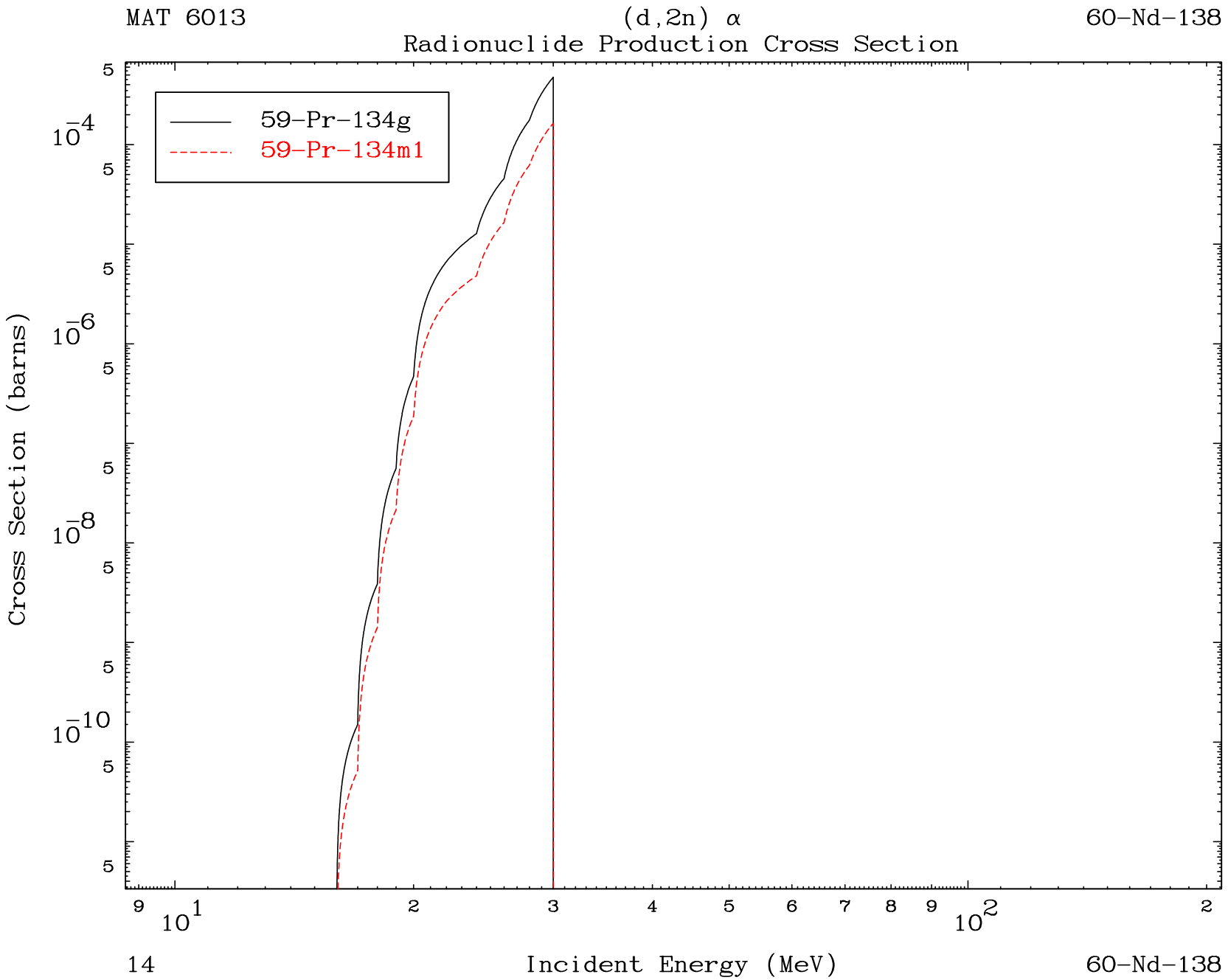

MAT 6013
(d,t) Levels
60-Nd-138
0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
Incident Energy (MeV)
9
60-Nd-138

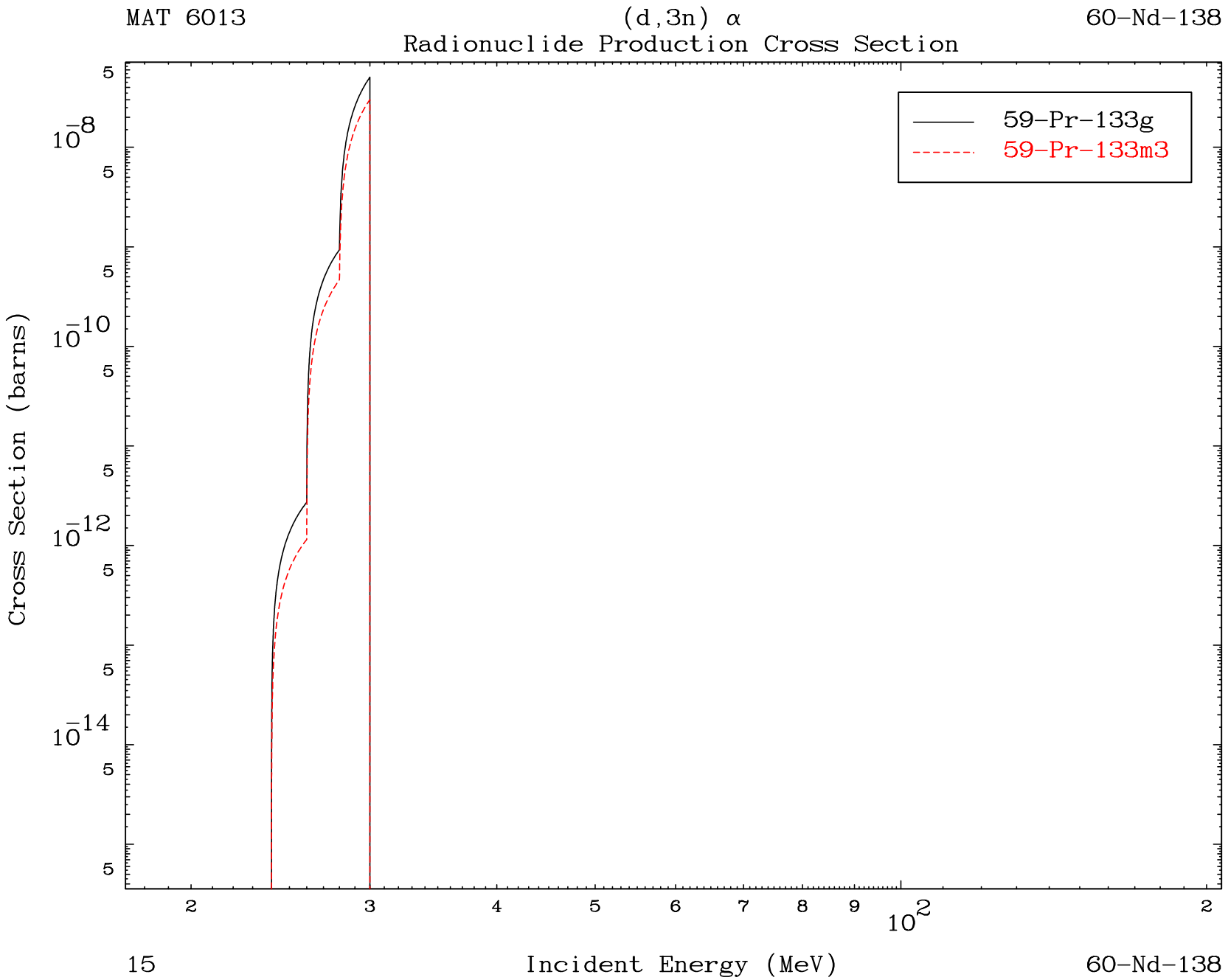

MAT 6013
(d,He3) Levels
60-Nd-138
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
60-Nd-138

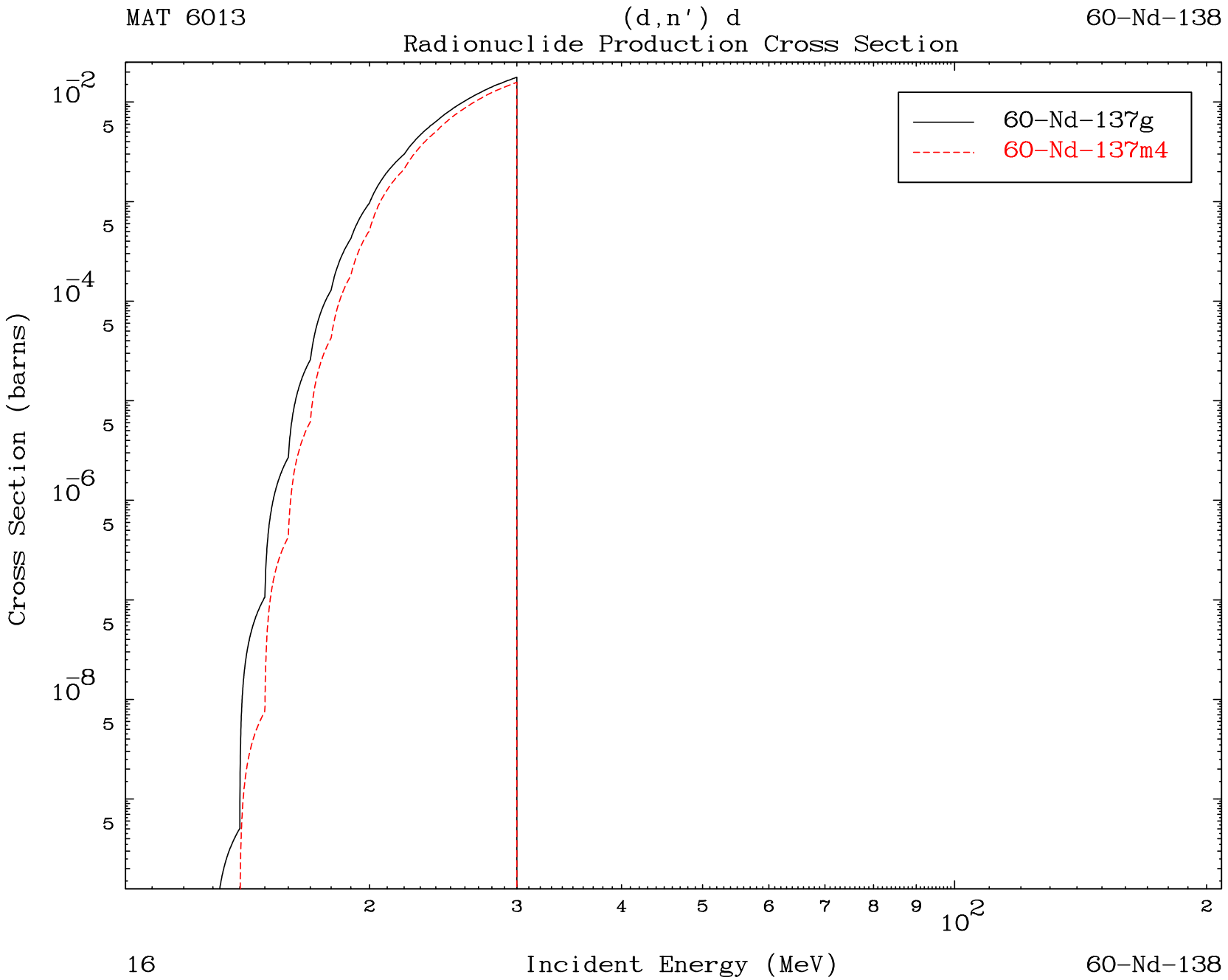

MAT 6013
(d,α) Levels
60-Nd-138
0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
Incident Energy (MeV)
11
60-Nd-138

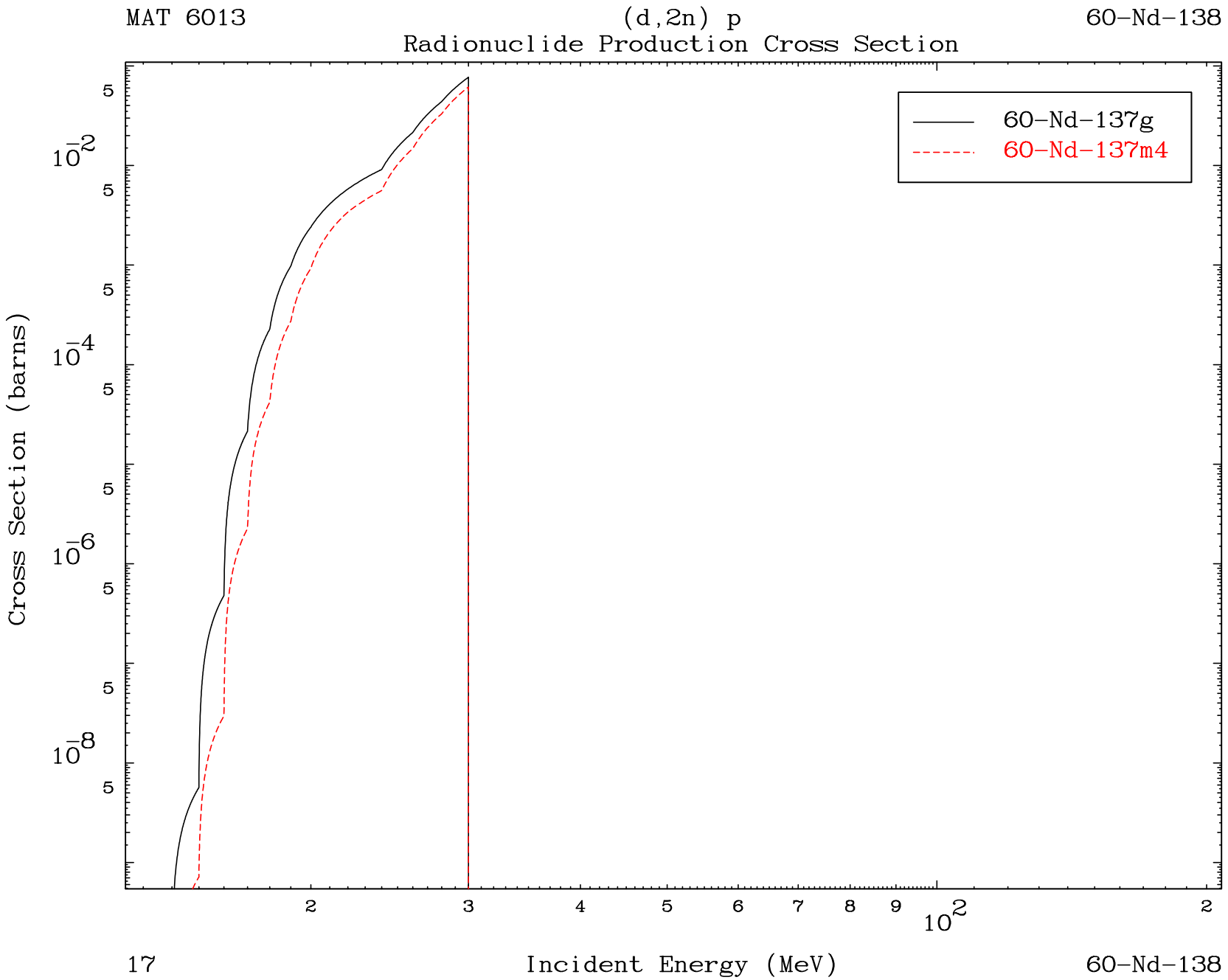

MAT 6013
Deuteron Inelastic
60-Nd-138
Radionuclide Production Cross Section
61-Pm-139g
61-Pm-139m1
Cross Section (barns)
Incident Energy (MeV)
12
60-Nd-138

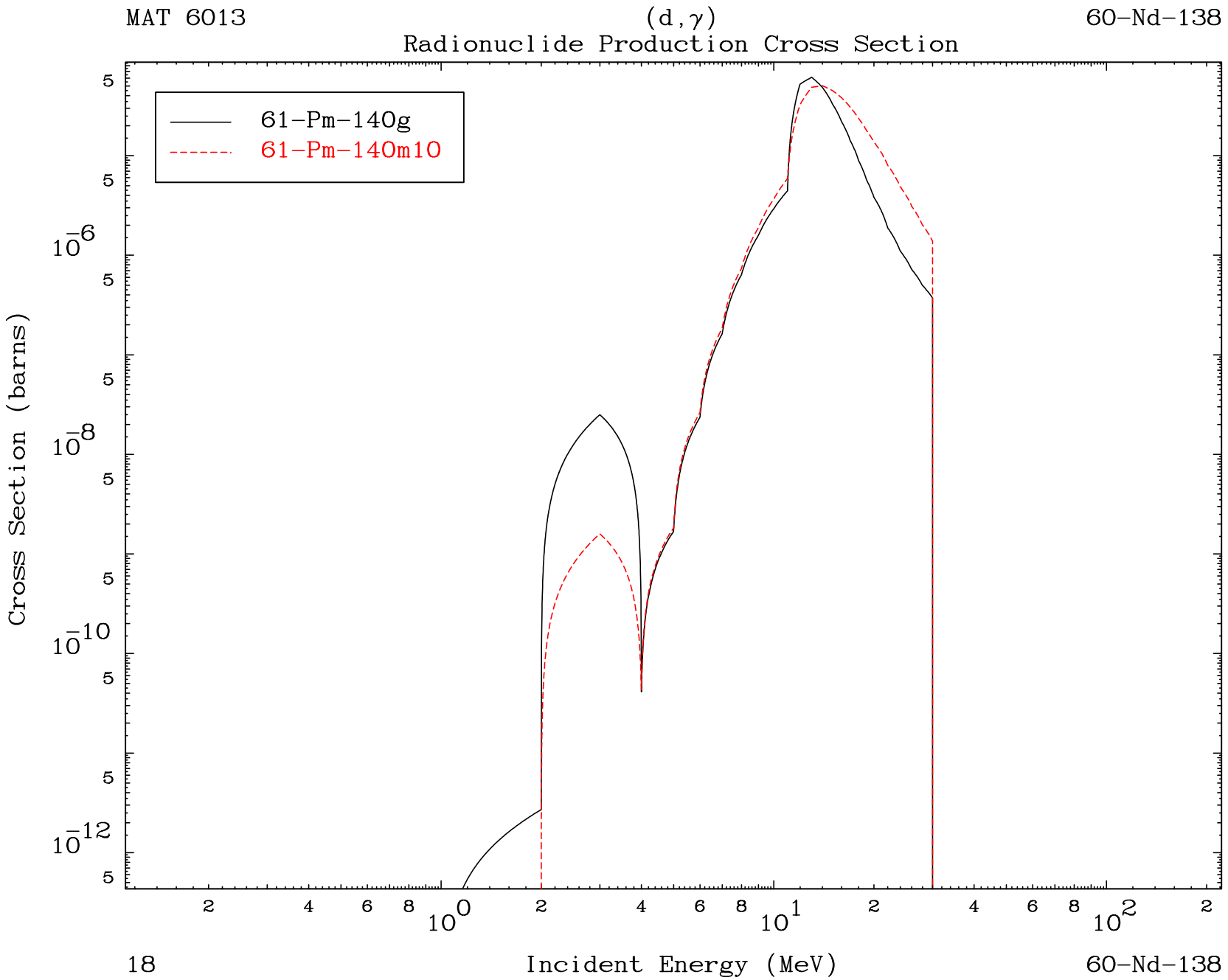

MAT 6013
(d,2n)
60-Nd-138
Radionuclide Production Cross Section
61-Pm-138g
61-Pm-138m1
Cross Section (barns)
Incident Energy (MeV)
13
60-Nd-138

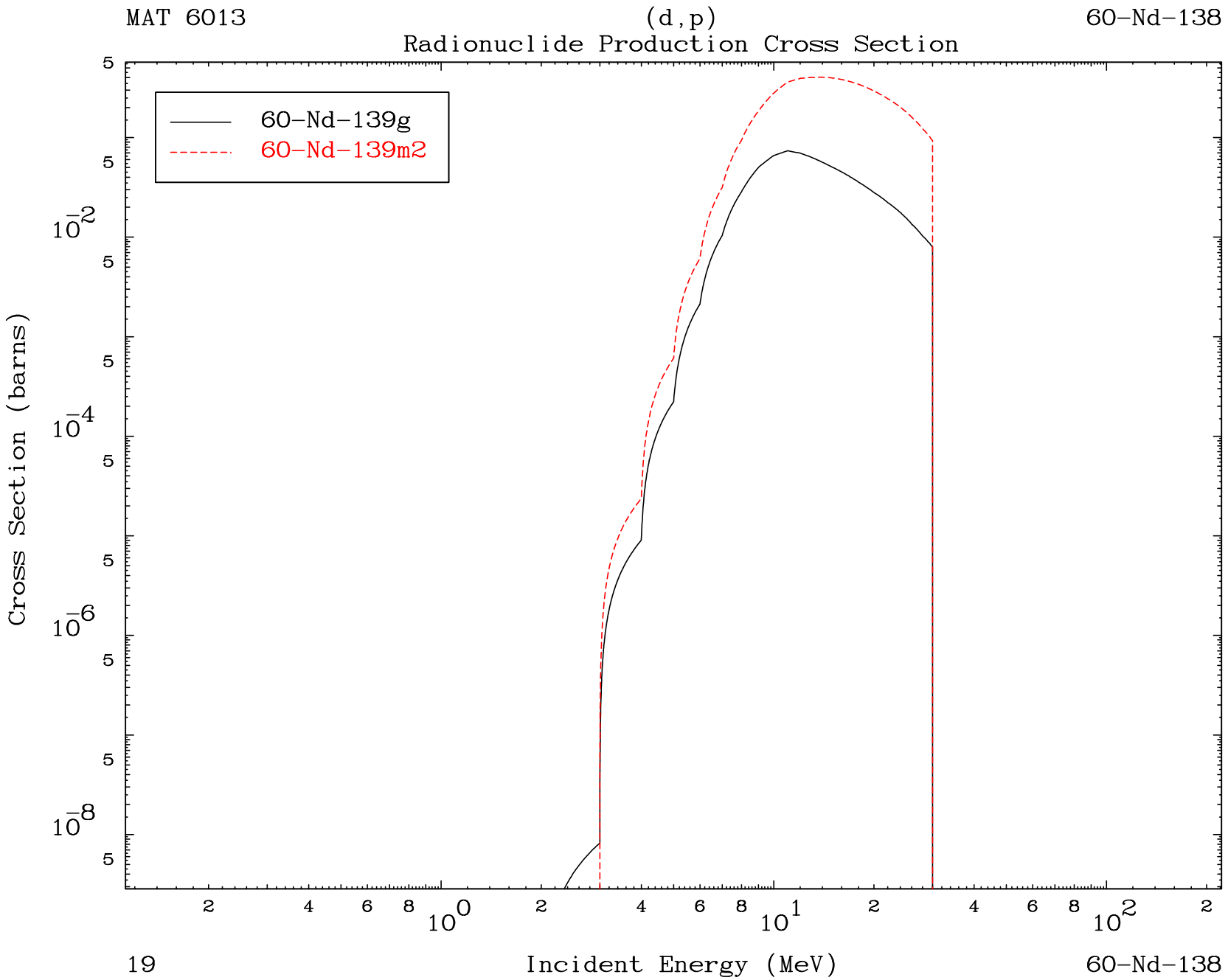

MAT 6013
(d,2n) α
60-Nd-138
Radionuclide Production Cross Section
59-Pr-134g
59-Pr-134m1
Cross Section (barns)
Incident Energy (MeV)
14
60-Nd-138

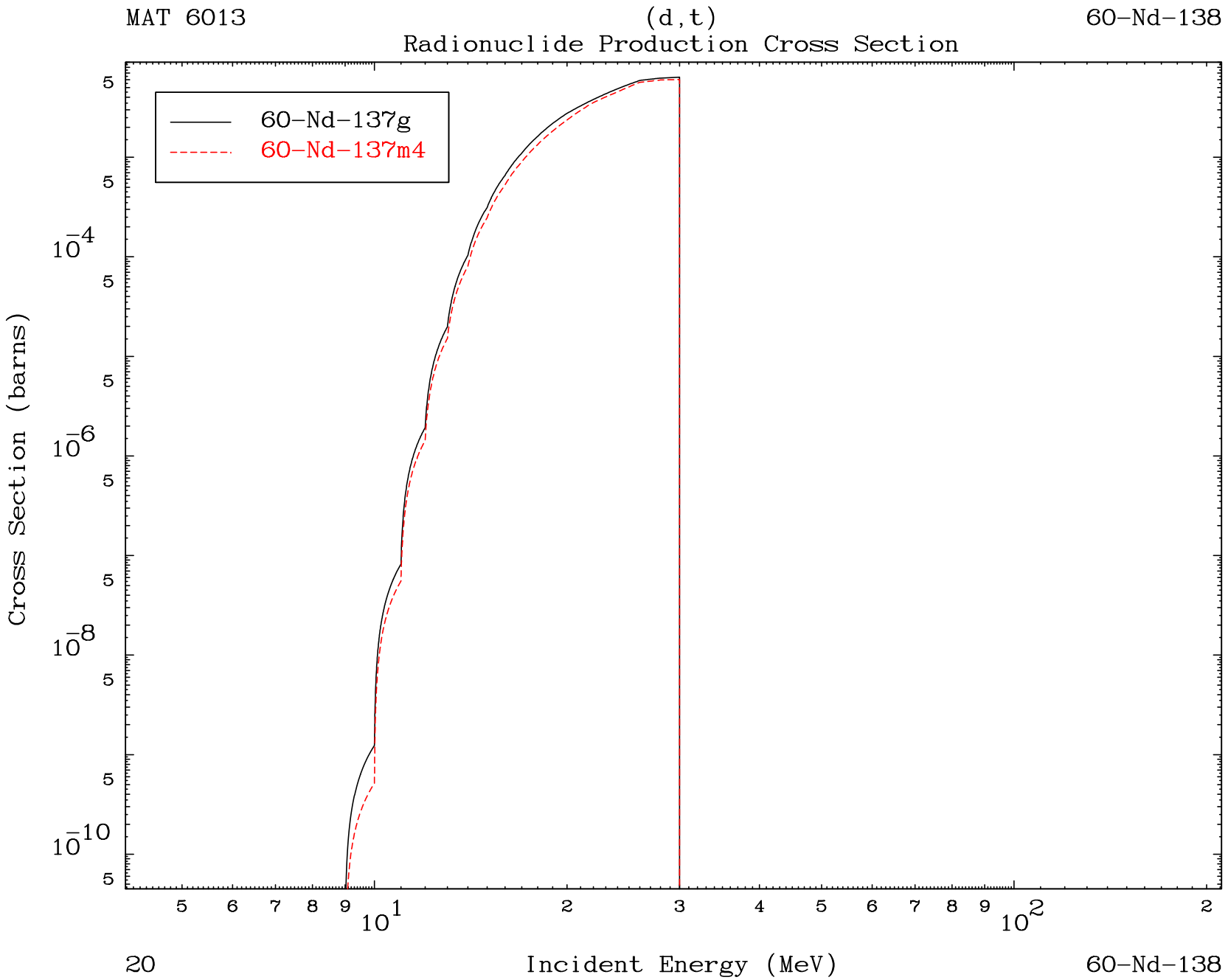

MAT 6013
(d,3n) α
60-Nd-138
Radionuclide Production Cross Section
59-Pr-133g
59-Pr-133m3
Cross Section (barns)
Incident Energy (MeV)
15
60-Nd-138

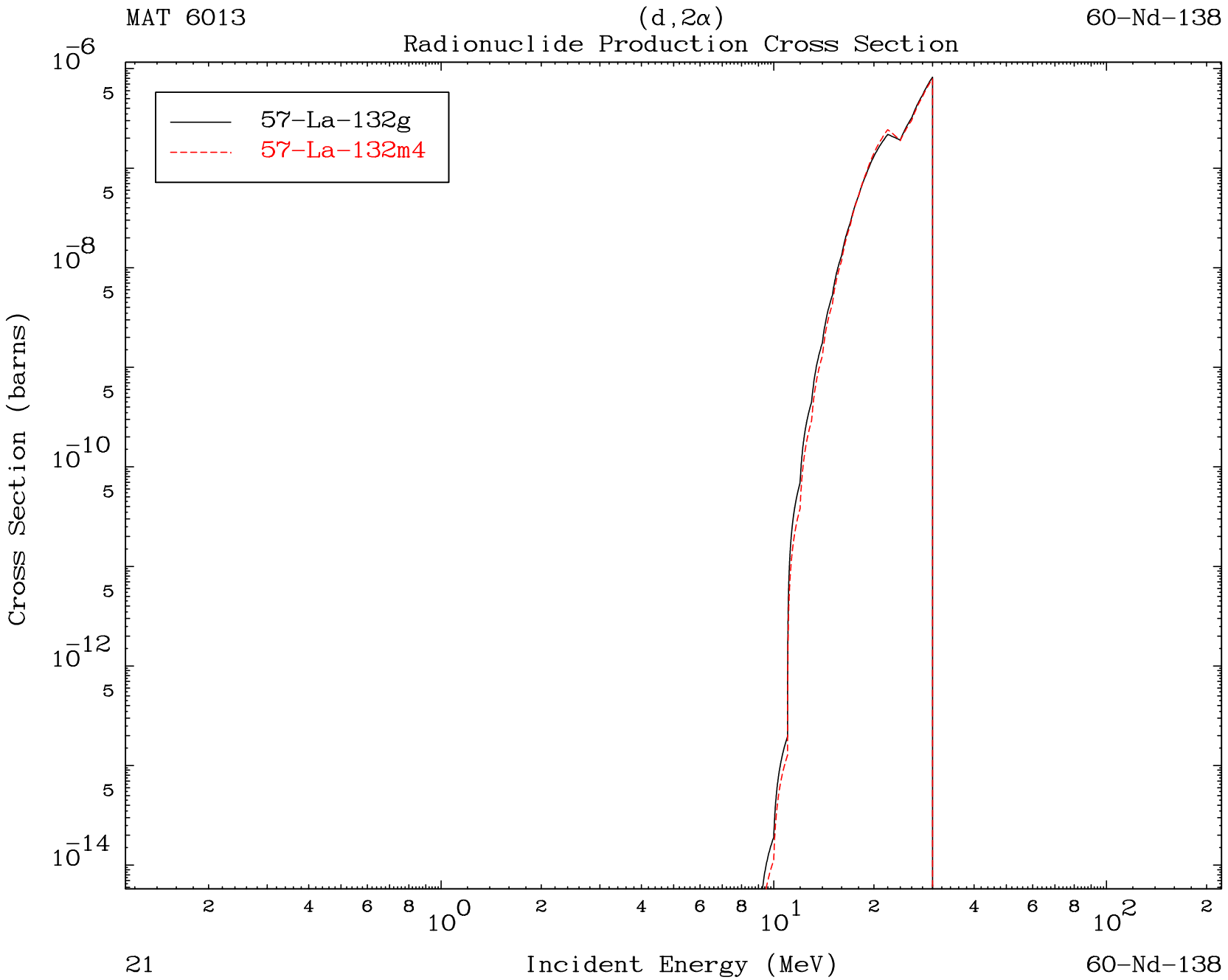

MAT 6013
(d,n') d
60-Nd-138
Radionuclide Production Cross Section
60-Nd-137g
60-Nd-137m4
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
60-Nd-138

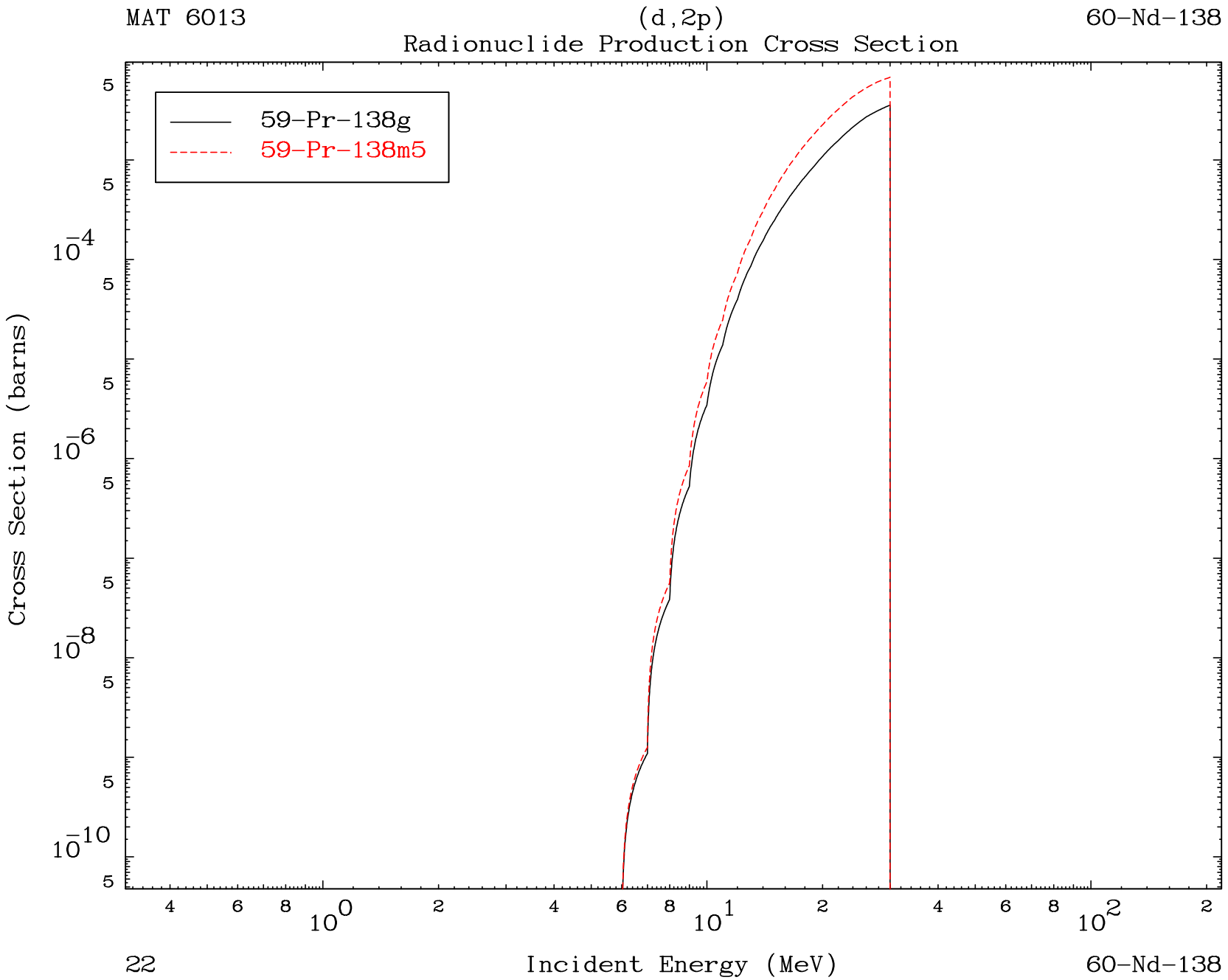

MAT 6013
(d,2n) p
60-Nd-138
Radionuclide Production Cross Section
60-Nd-137g
60-Nd-137m4
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
17
Incident Energy (MeV)
60-Nd-138

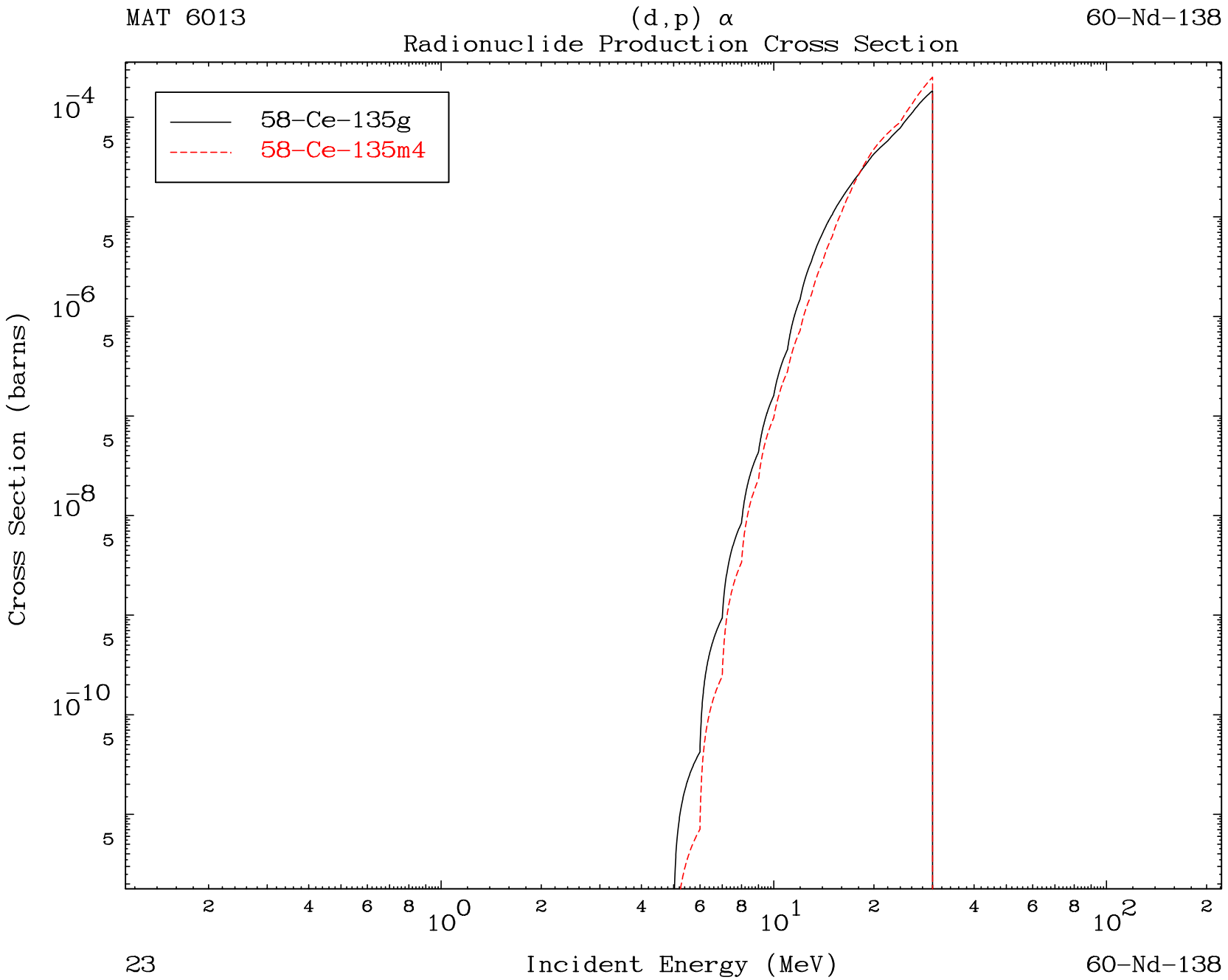

MAT 6013
(d,γ)
60-Nd-138
Radionuclide Production Cross Section
61-Pm-140g
61-Pm-140m10
Cross Section (barns)
Incident Energy (MeV)
18
60-Nd-138


MAT 6013
(d,p)
60-Nd-138
Radionuclide Production Cross Section
60-Nd-139g
60-Nd-139m2
Cross Section (barns)
Incident Energy (MeV)
19
60-Nd-138


MAT 6013
(d,t)
60-Nd-138
Radionuclide Production Cross Section
60-Nd-137g
60-Nd-137m4
Cross Section (barns)
Incident Energy (MeV)
20
60-Nd-138


MAT 6013
(d,2α)
60-Nd-138
Radionuclide Production Cross Section
57-La-132g
57-La-132m4
Cross Section (barns)
Incident Energy (MeV)
21
60-Nd-138


MAT 6013
(d,2p)
60-Nd-138
Radionuclide Production Cross Section
59-Pr-138g
59-Pr-138m5
Cross Section (barns)
Incident Energy (MeV)
22
60-Nd-138


MAT 6013
(d,p) α
60-Nd-138
Radionuclide Production Cross Section
58-Ce-135g
58-Ce-135m4
Cross Section (barns)
Incident Energy (MeV)
23
60-Nd-138