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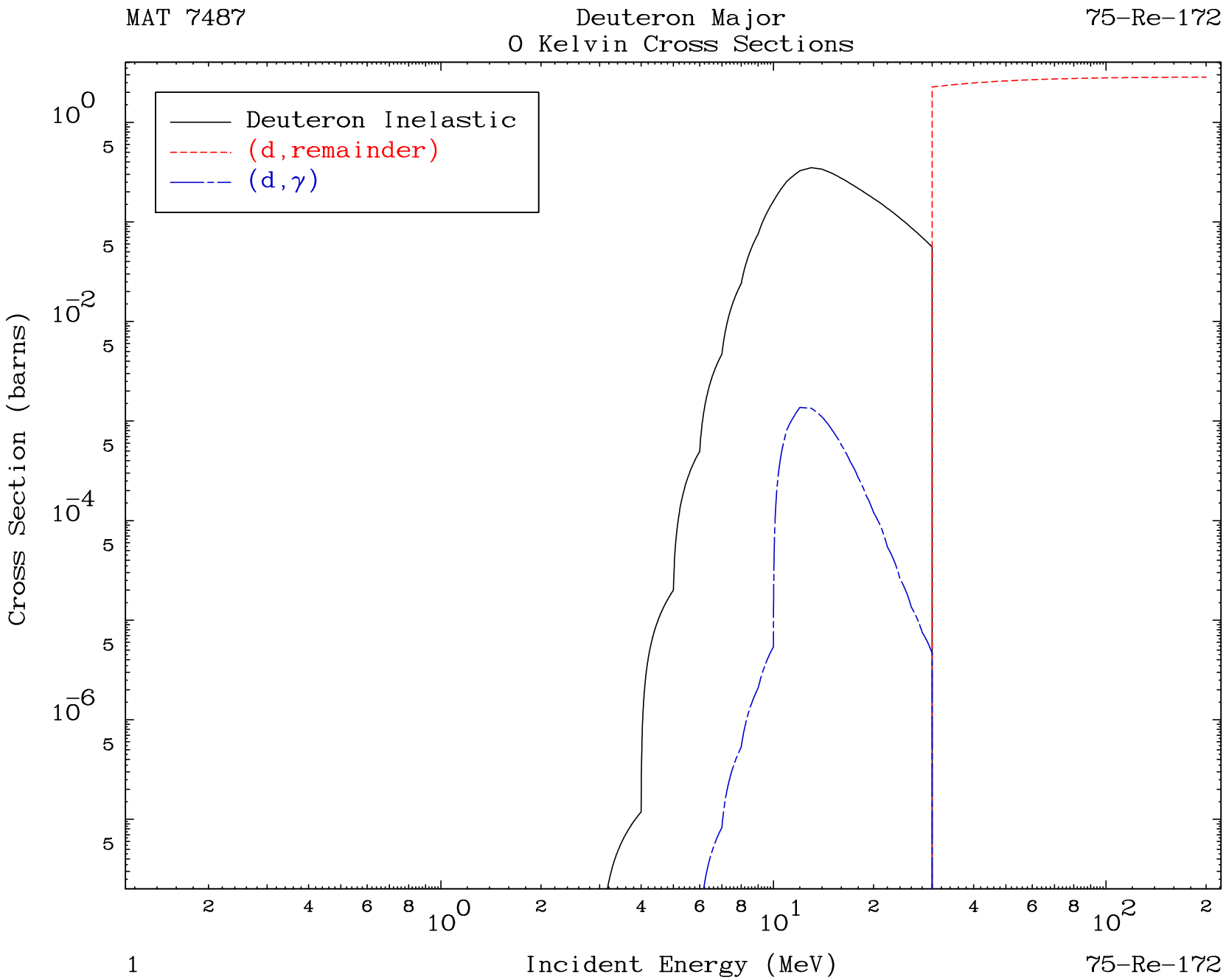
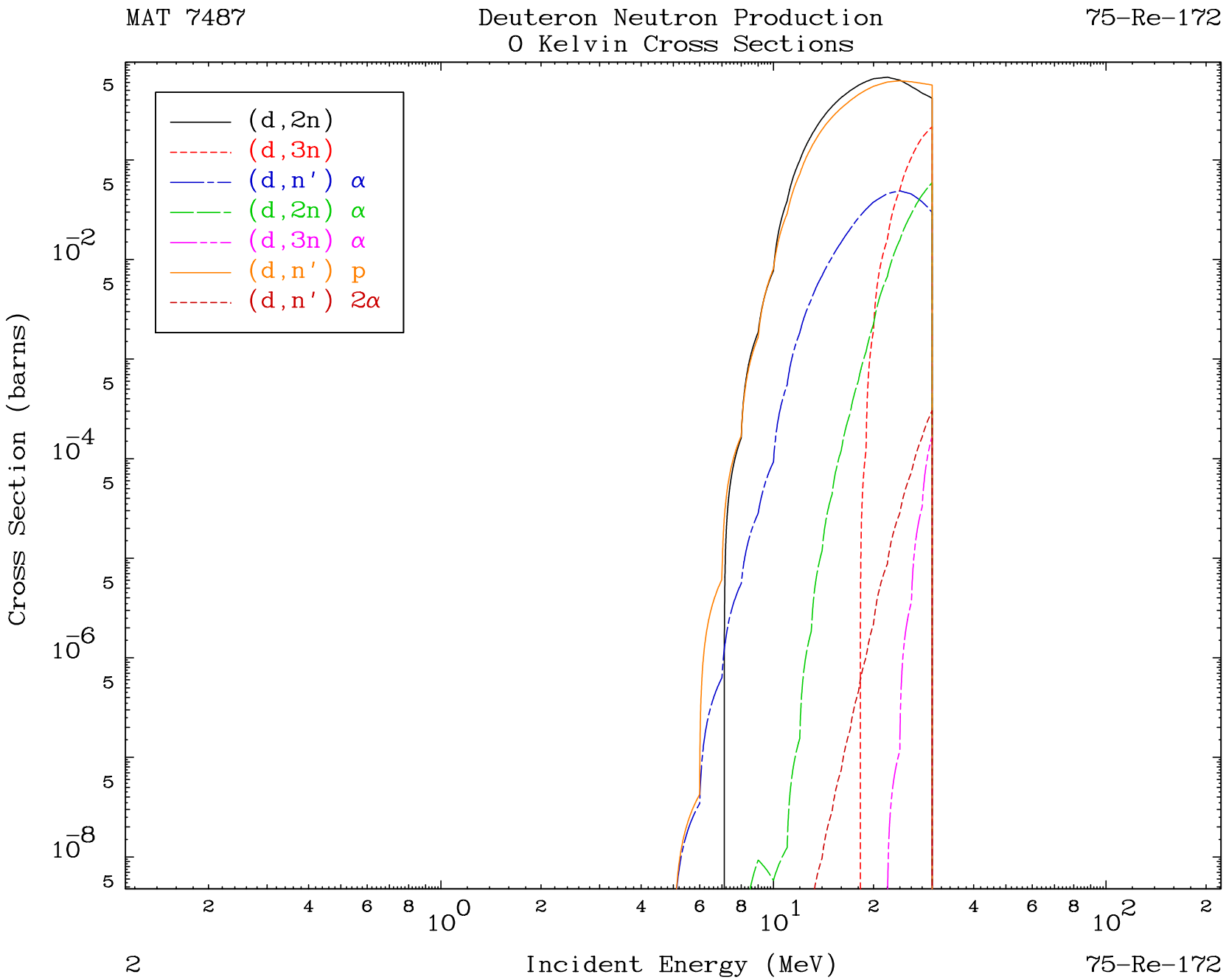
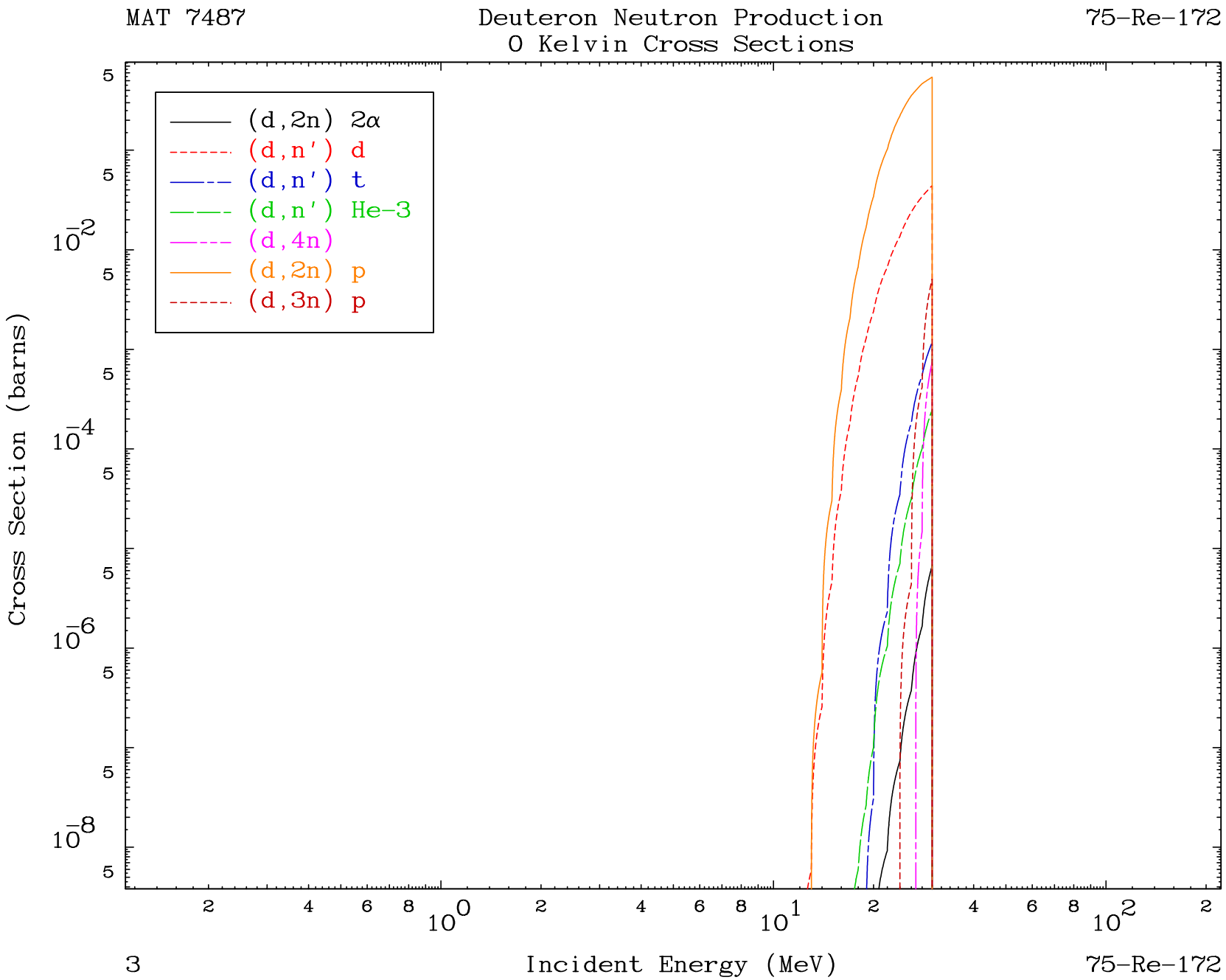
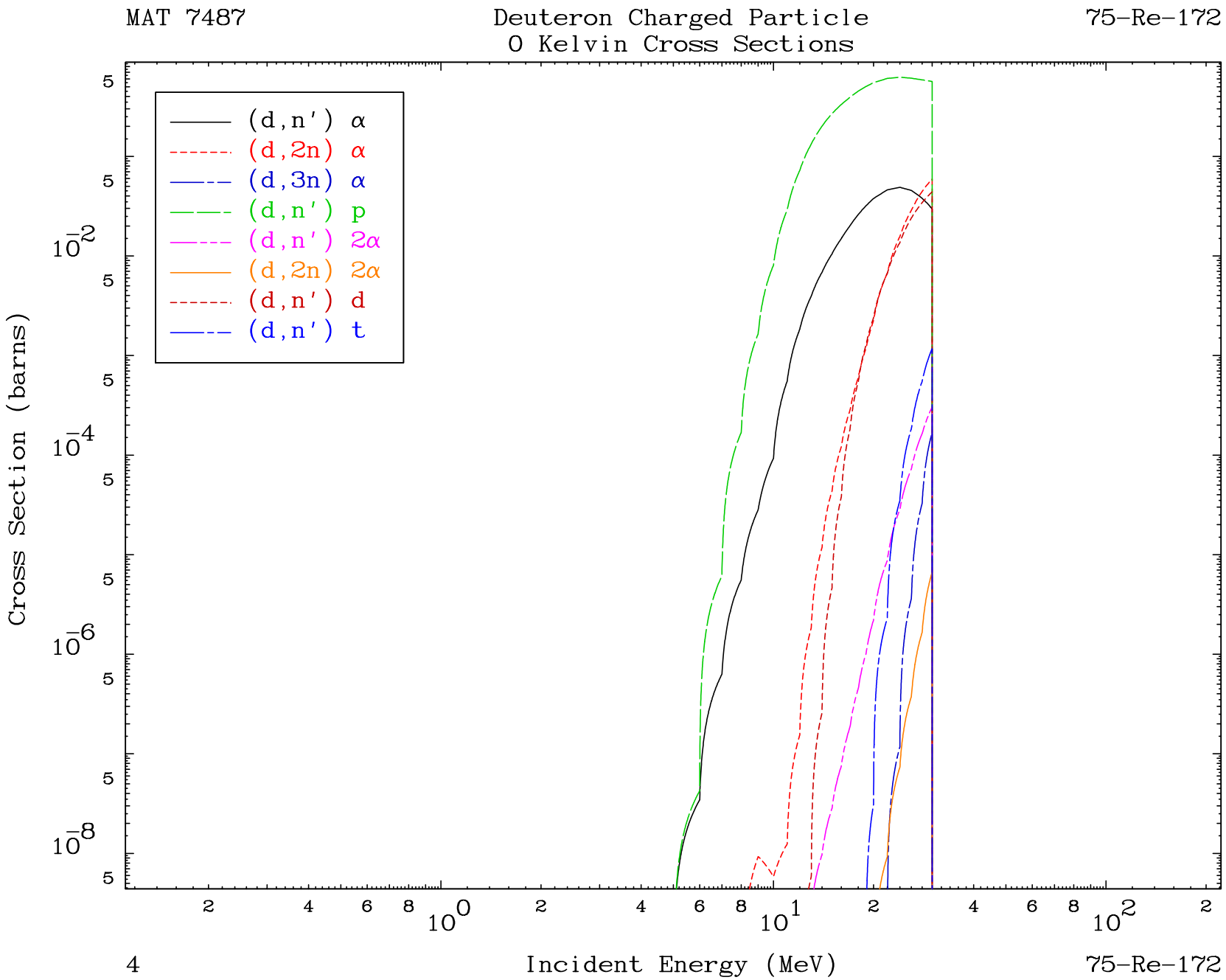
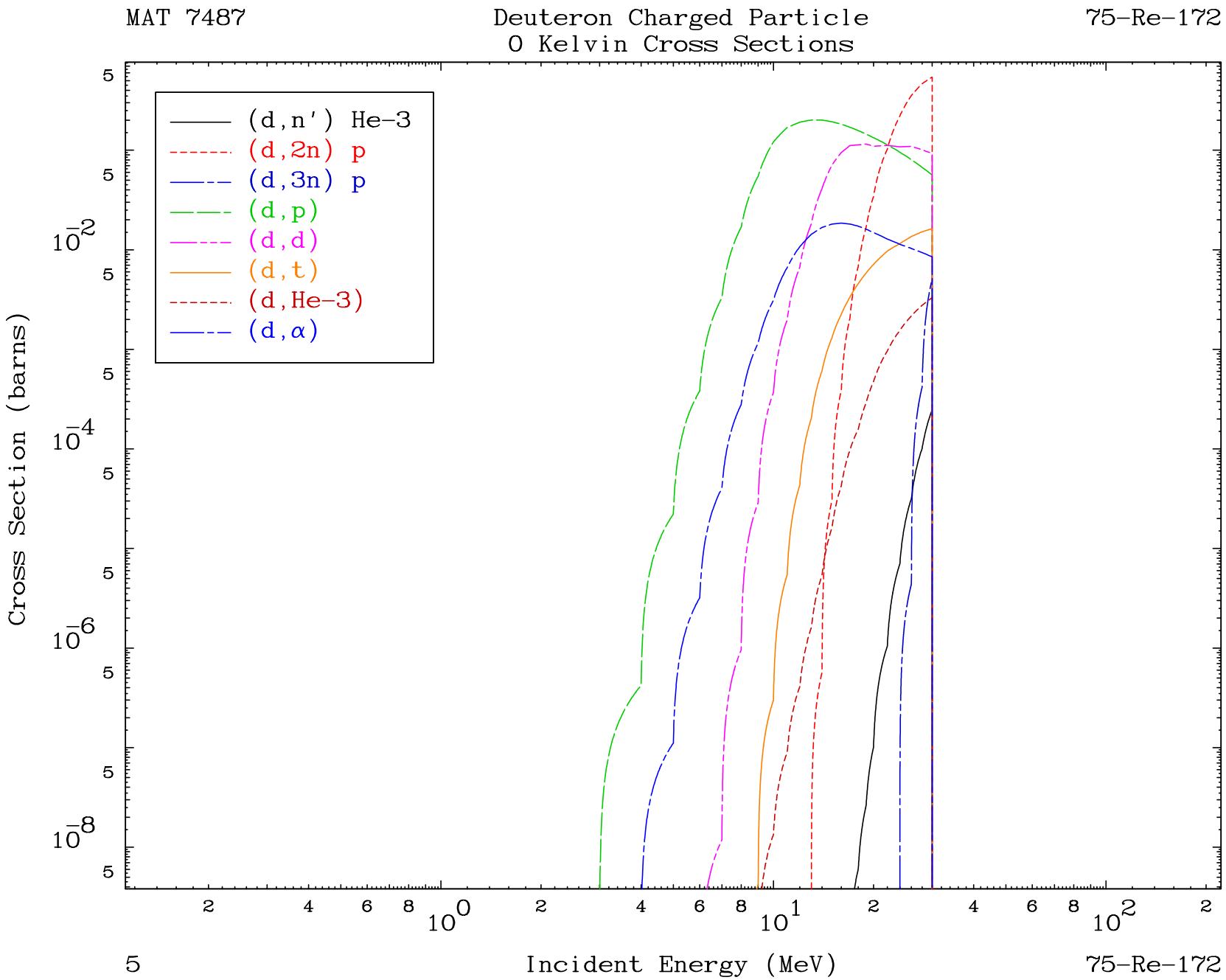
Press Mouse Button to Start

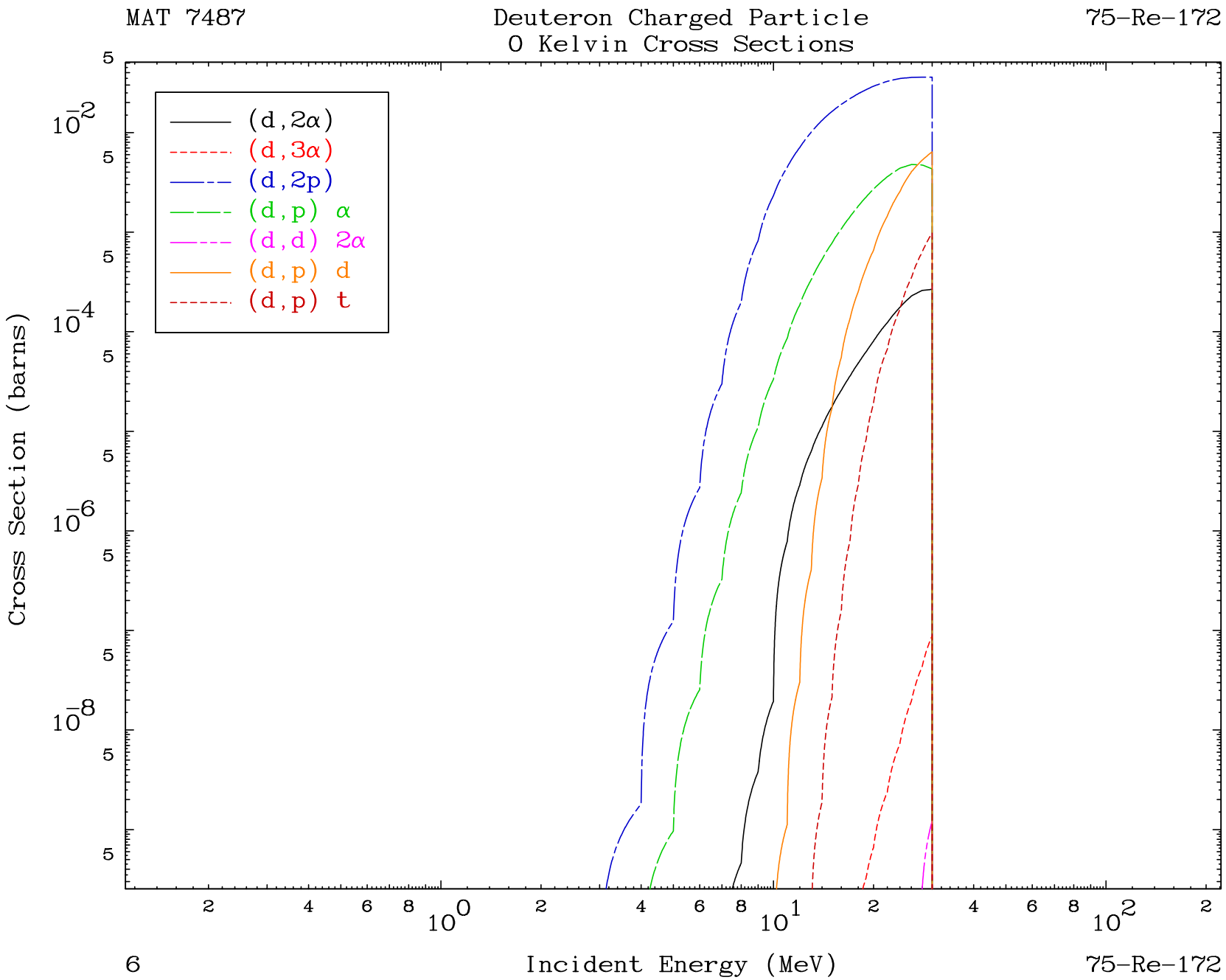

MAT 7487
Deuteron Major
75-Re-172
0 Kelvin Cross Sections
Deuteron Inelastic
(d,remainder)
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
75-Re-172
1

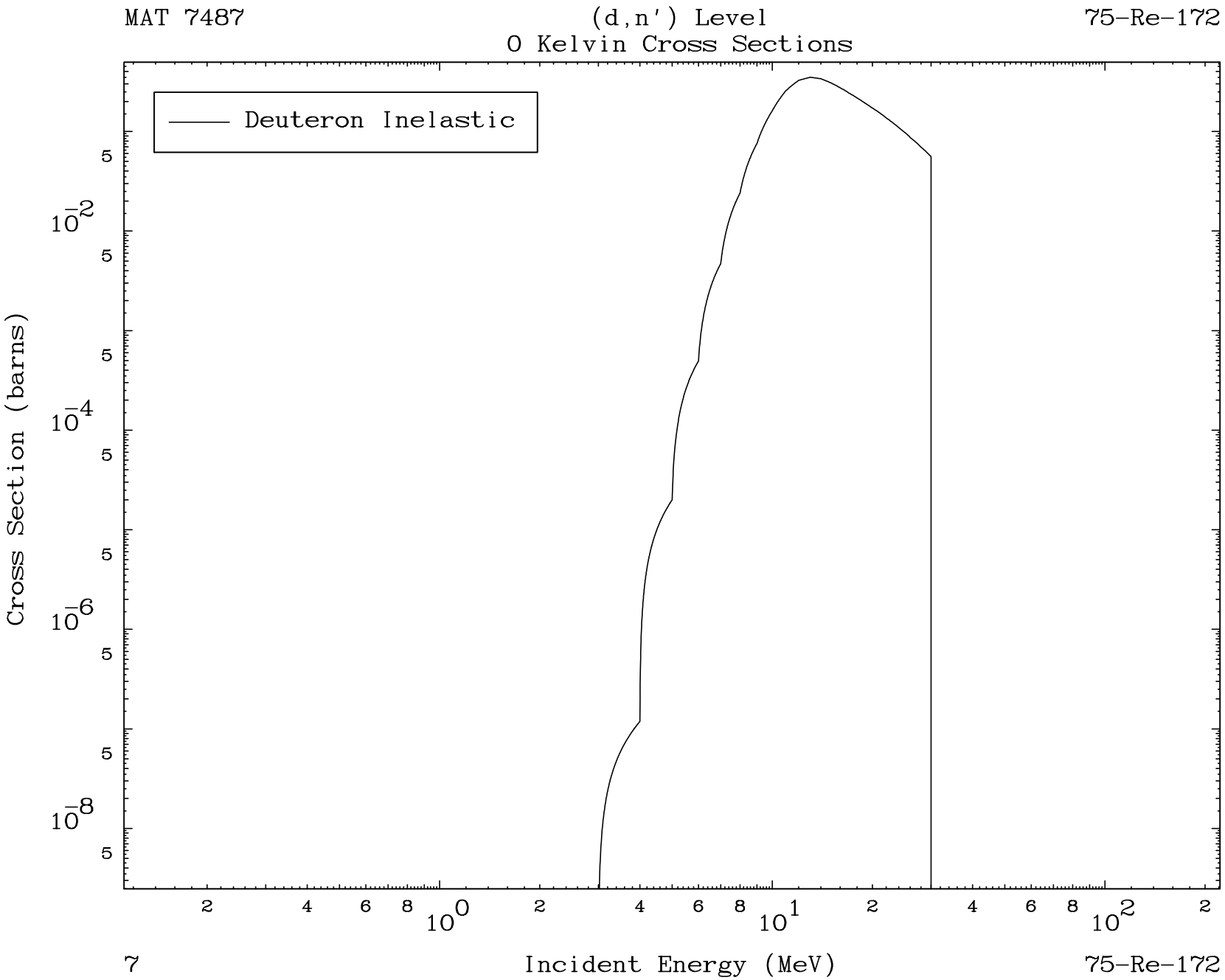

MAT 7487
Deuteron Neutron Production
0 Kelvin Cross Sections
75-Re-172
(d,2n)
(d,3n)
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
Cross Section (barns)
Incident Energy (MeV)
75-Re-172
2


MAT 7487
Deuteron Neutron Production
0 Kelvin Cross Sections
75-Re-172
(d,2n) 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,4n)
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
75-Re-172

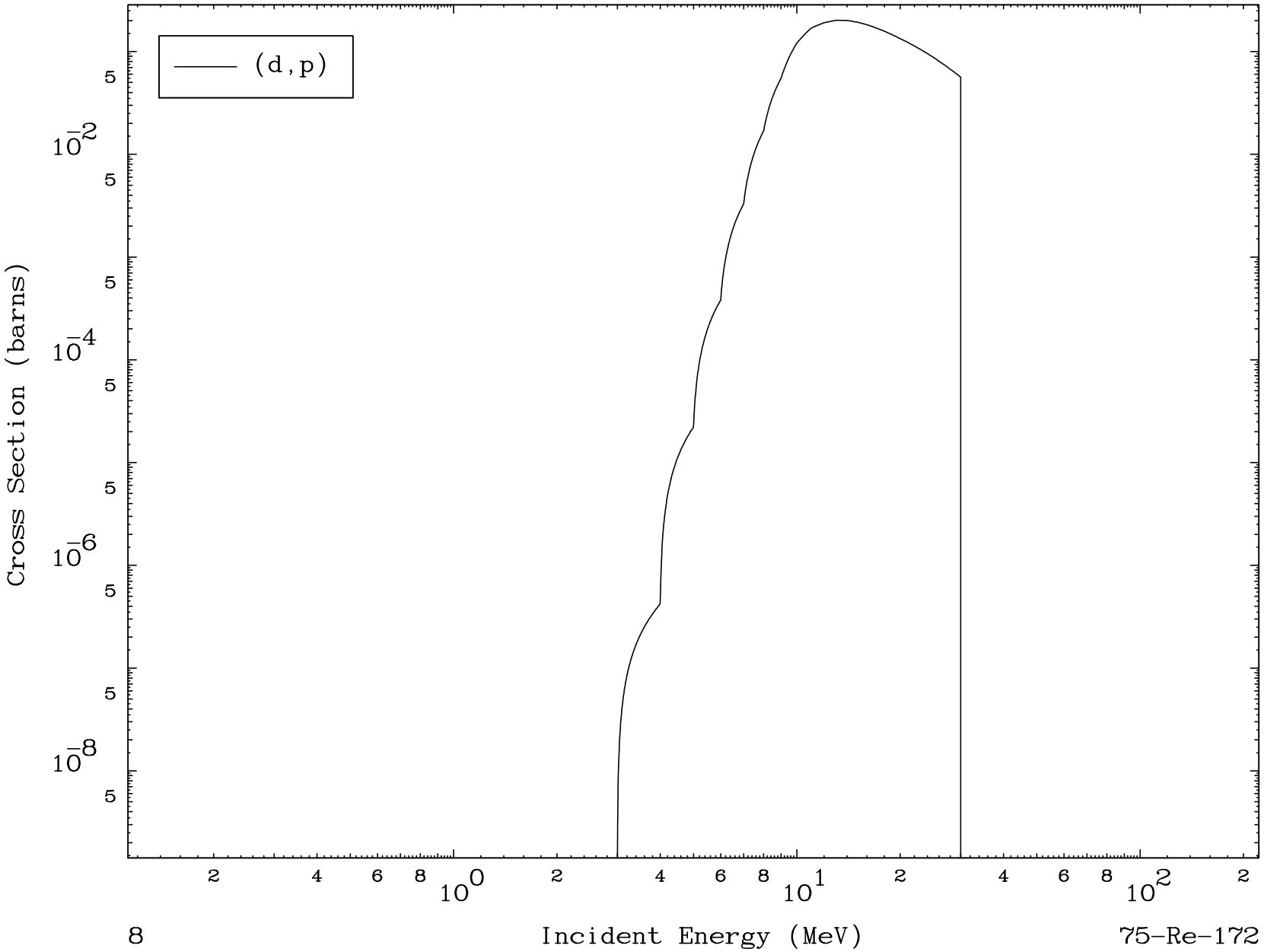

MAT 7487
Deuteron Charged Particle
0 Kelvin Cross Sections
75-Re-172
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
(d,2n) 2α
(d,n') d
(d,n') t
Cross Section (barns)
Incident Energy (MeV)
4
75-Re-172

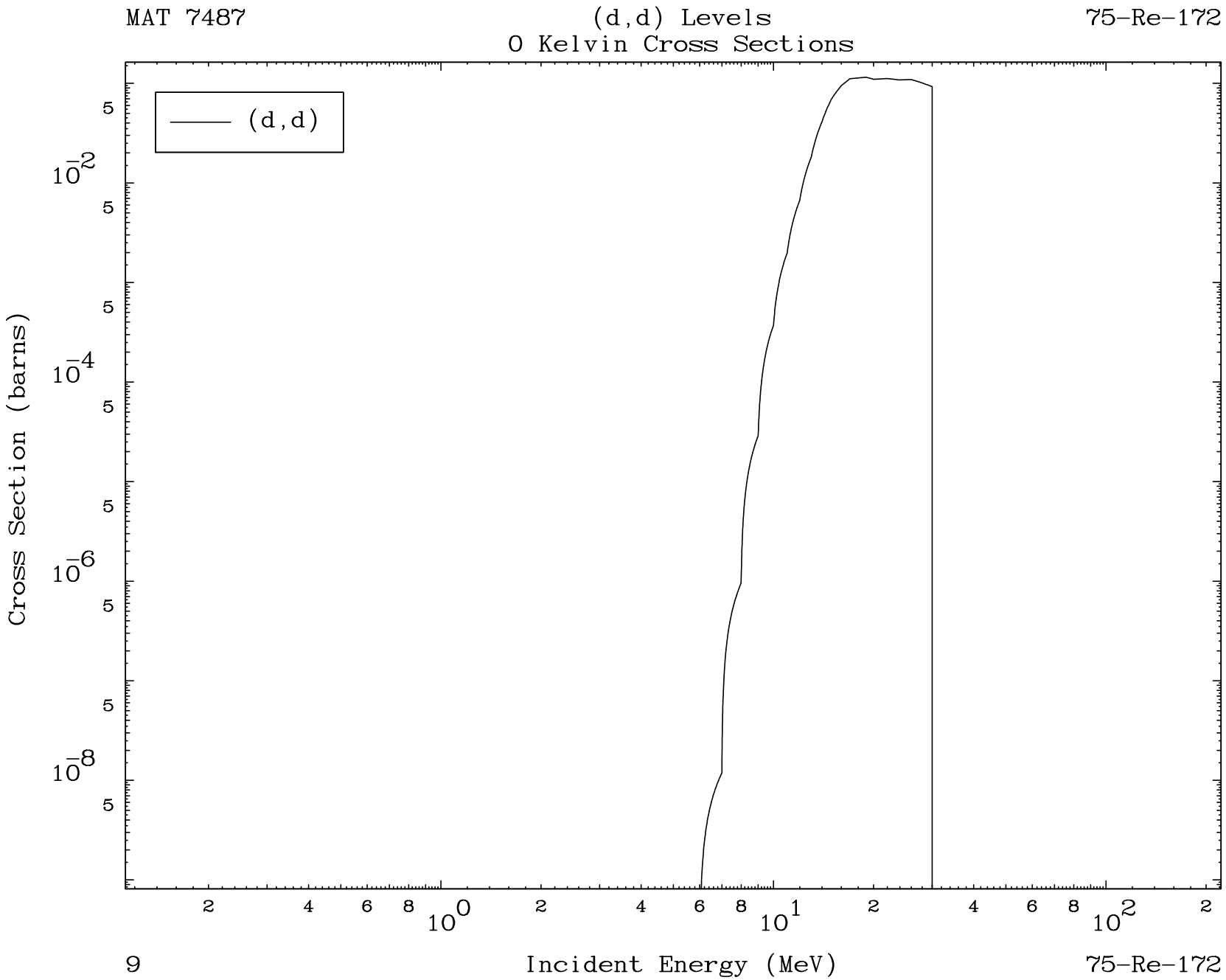

MAT 7487
Deuteron Charged Particle
0 Kelvin Cross Sections
75-Re-172
(d,n') He-3
(d,2n) p
(d,3n) p
(d,p)
(d,d)
(d,t)
(d,He-3)
(d,α)
Cross Section (barns)
Incident Energy (MeV)
75-Re-172

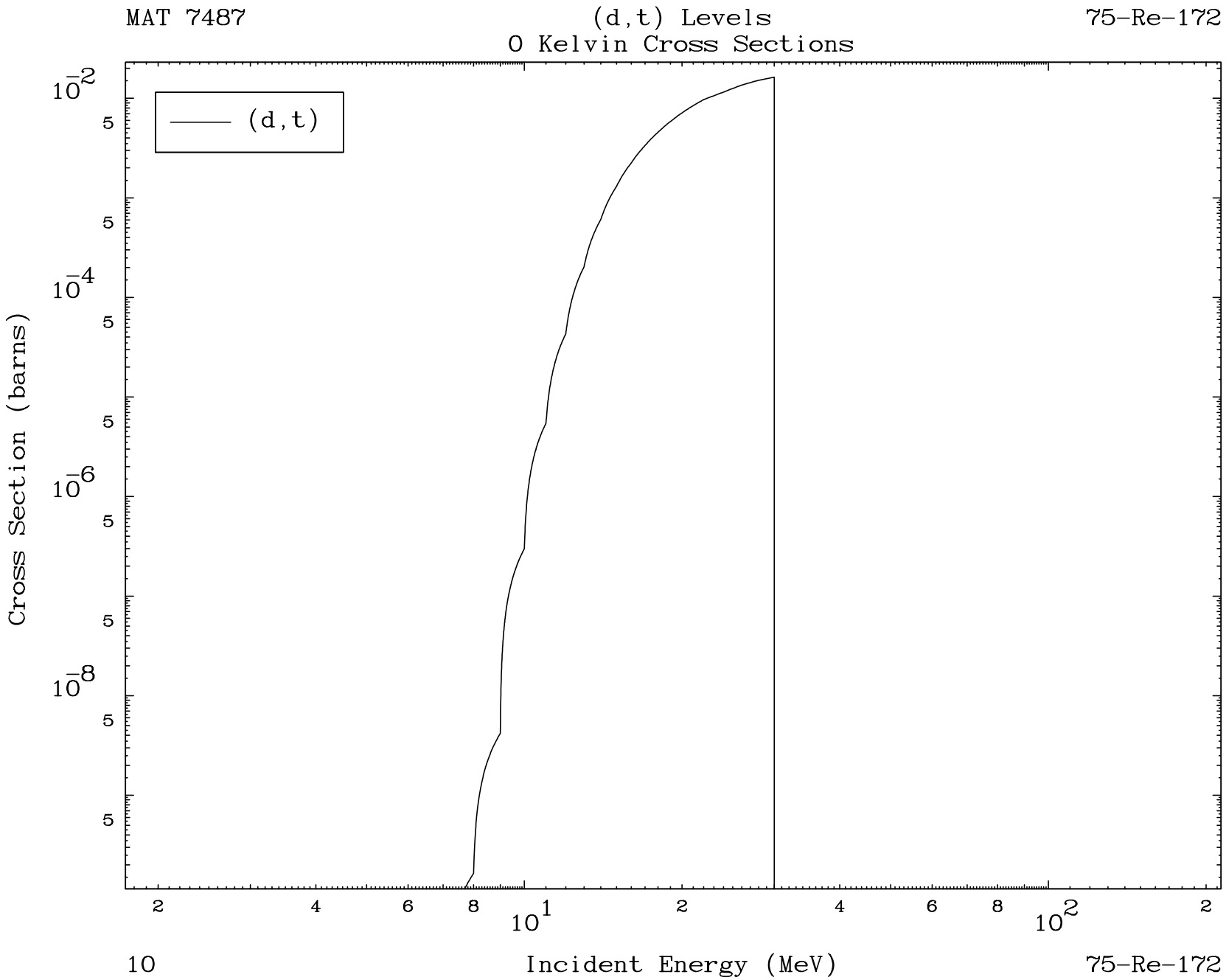

MAT 7487
Deuteron Charged Particle
0 Kelvin Cross Sections
75-Re-172
(d,2α)
(d,3α)
(d,2p)
(d,p) α
(d,d) 2α
(d,p) d
(d,p) t
Cross Section (barns)
Incident Energy (MeV)
6
75-Re-172

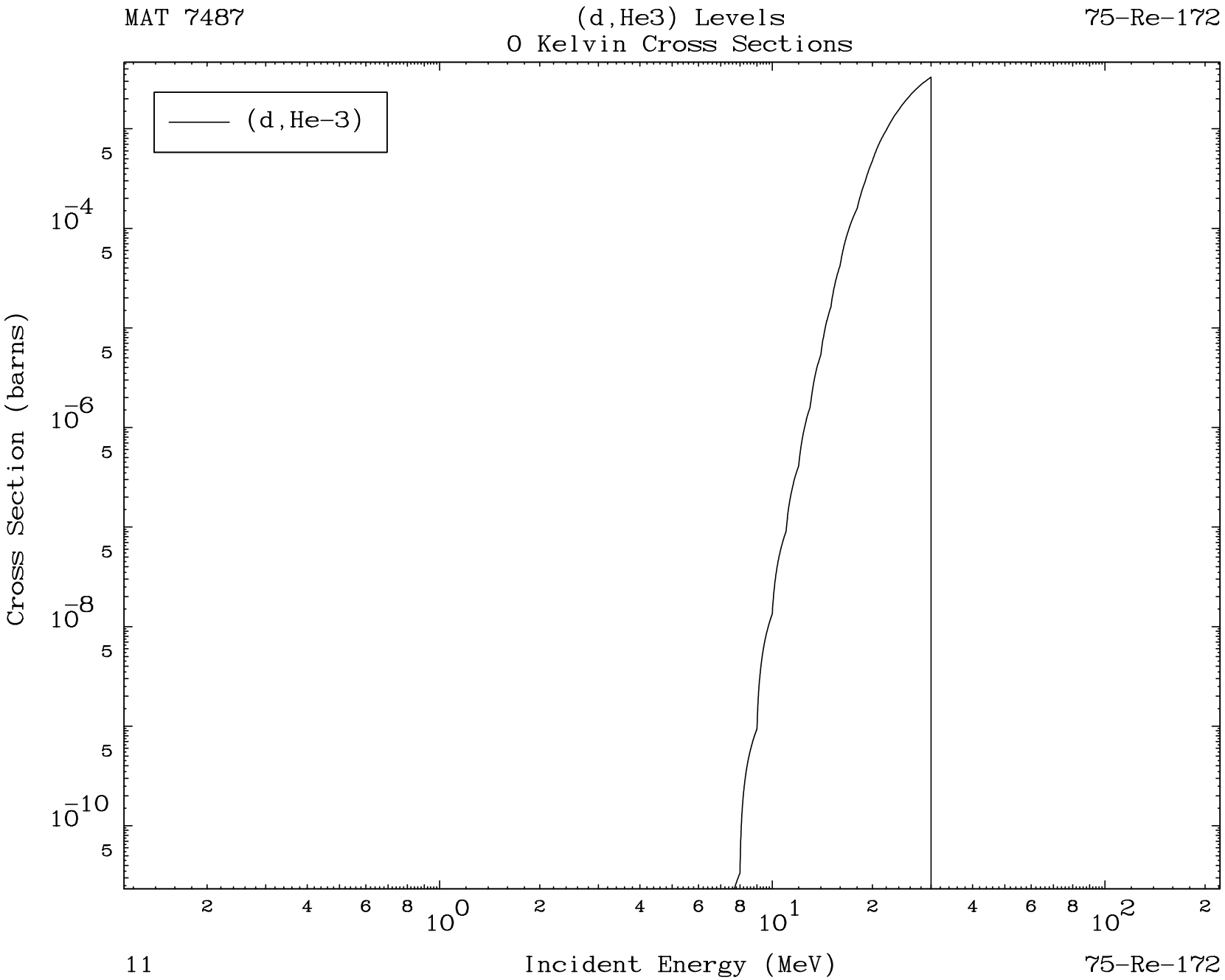

MAT 7487
(d,n') Level
75-Re-172
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
7
75-Re-172

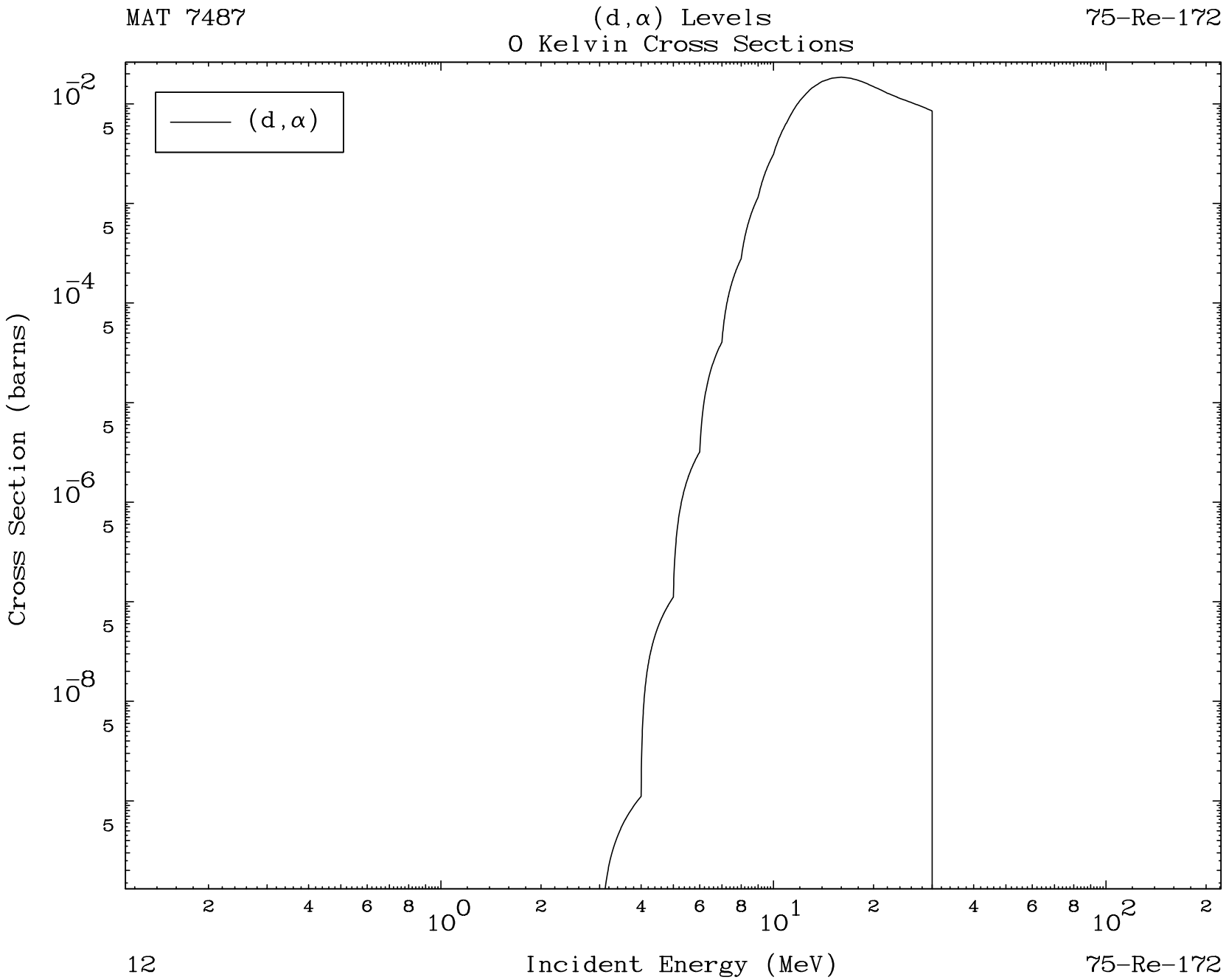
0 Kelvin Cross Sections

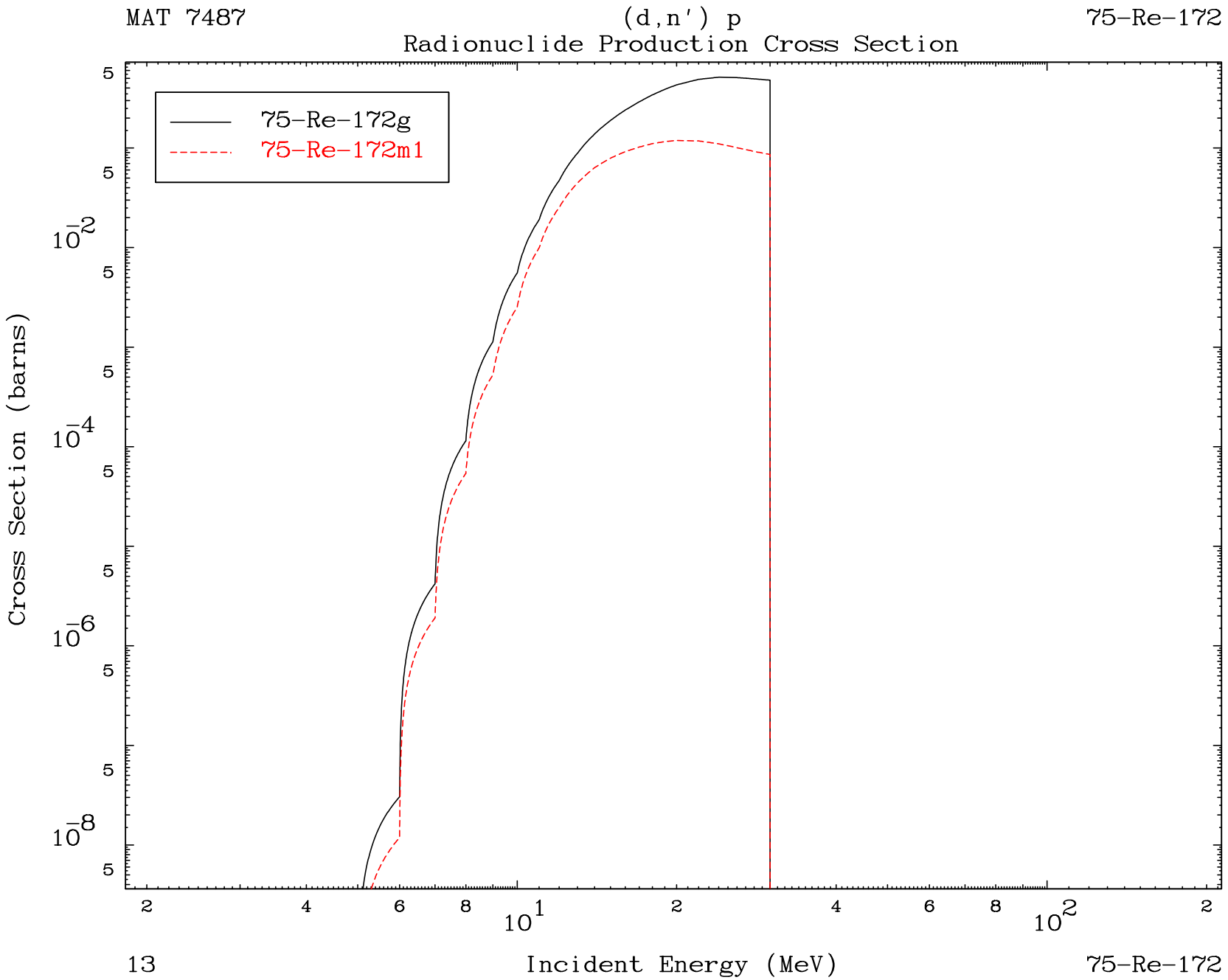


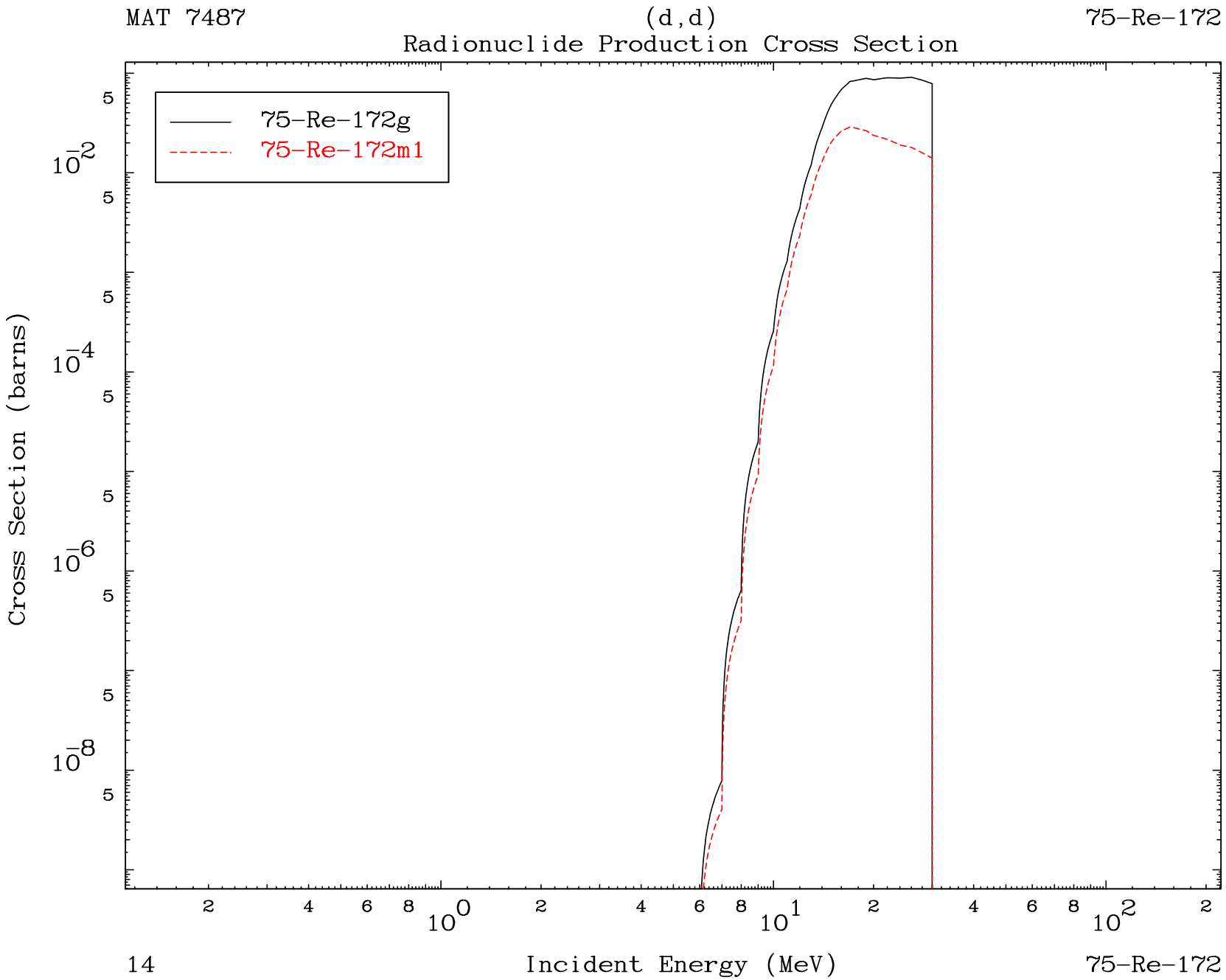

MAT 7487
(d,d) Levels
75-Re-172
0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
Incident Energy (MeV)
9
75-Re-172


MAT 7487
(d,t) Levels
75-Re-172
0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
Incident Energy (MeV)
75-Re-172


MAT 7487
(d,He3) Levels
75-Re-172
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
75-Re-172


MAT 7487
(d,α) Levels
75-Re-172
0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
100
101
102
2
4
6
8
Incident Energy (MeV)
12
75-Re-172


MAT 7487
(d,n') p
75-Re-172
Radionuclide Production Cross Section
75-Re-172g
75-Re-172m1
Cross Section (barns)
Incident Energy (MeV)
13
75-Re-172


MAT 7487
(d,d)
75-Re-172
Radionuclide Production Cross Section
75-Re-172g
75-Re-172m1
Cross Section (barns)
Incident Energy (MeV)
14
75-Re-172