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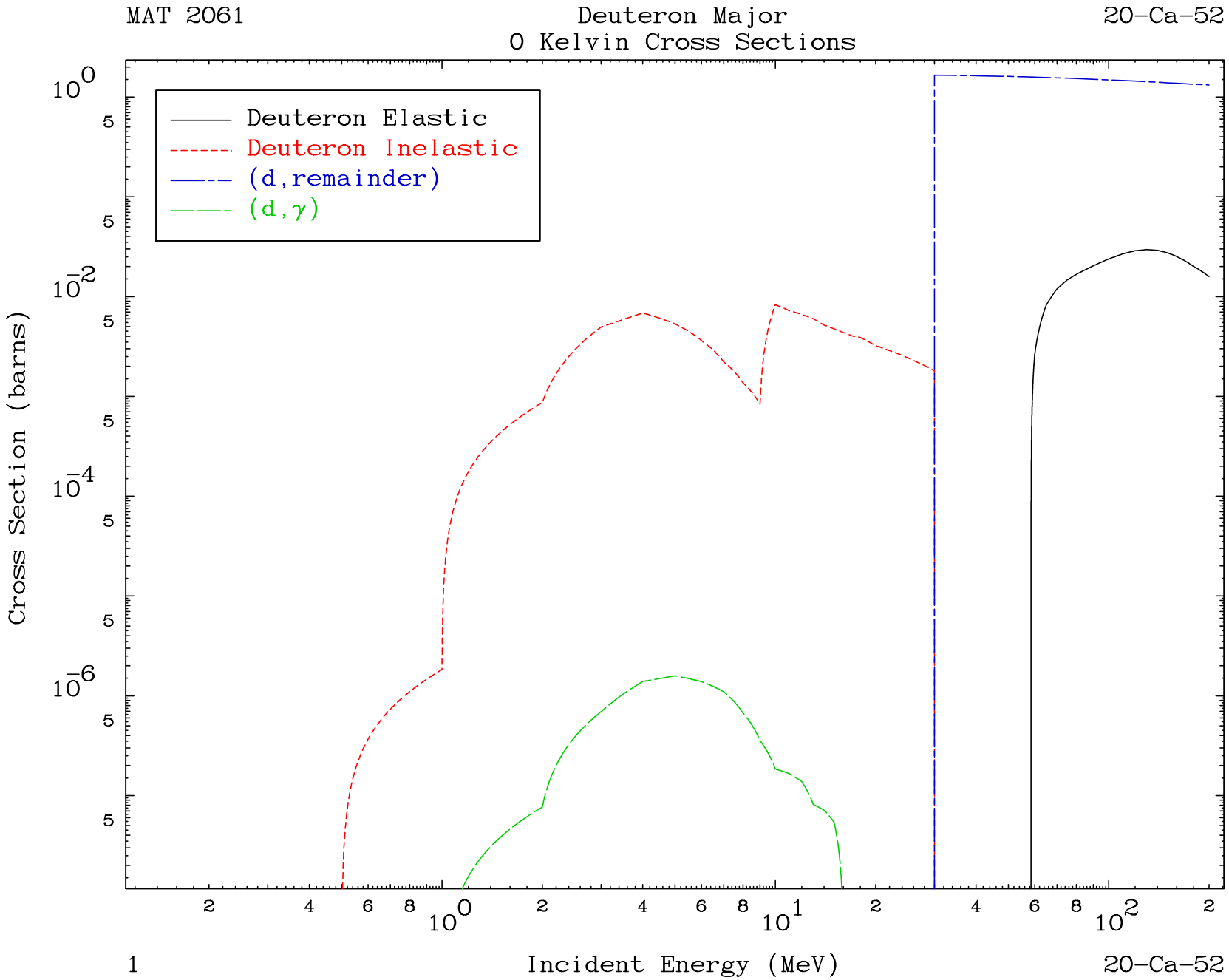
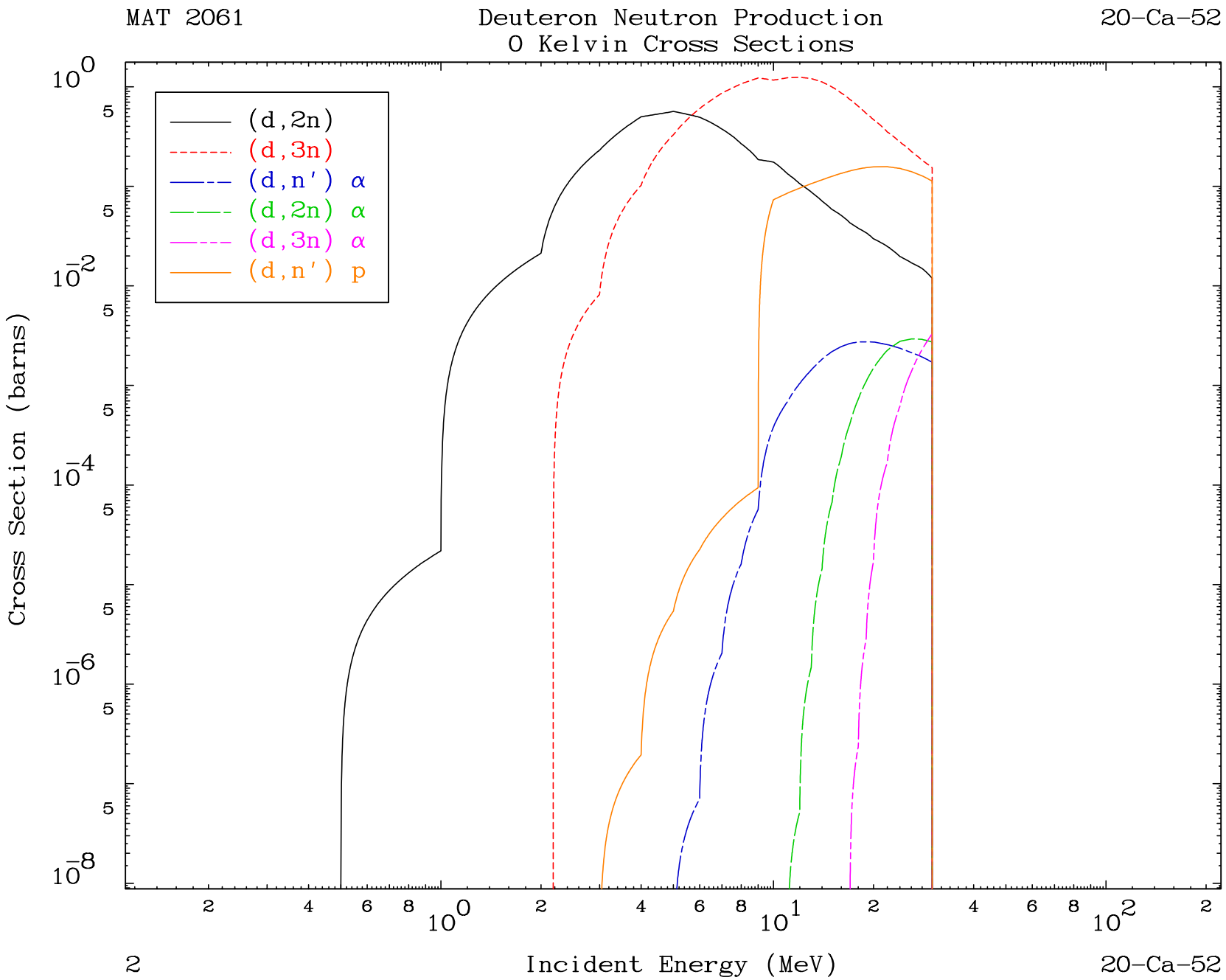
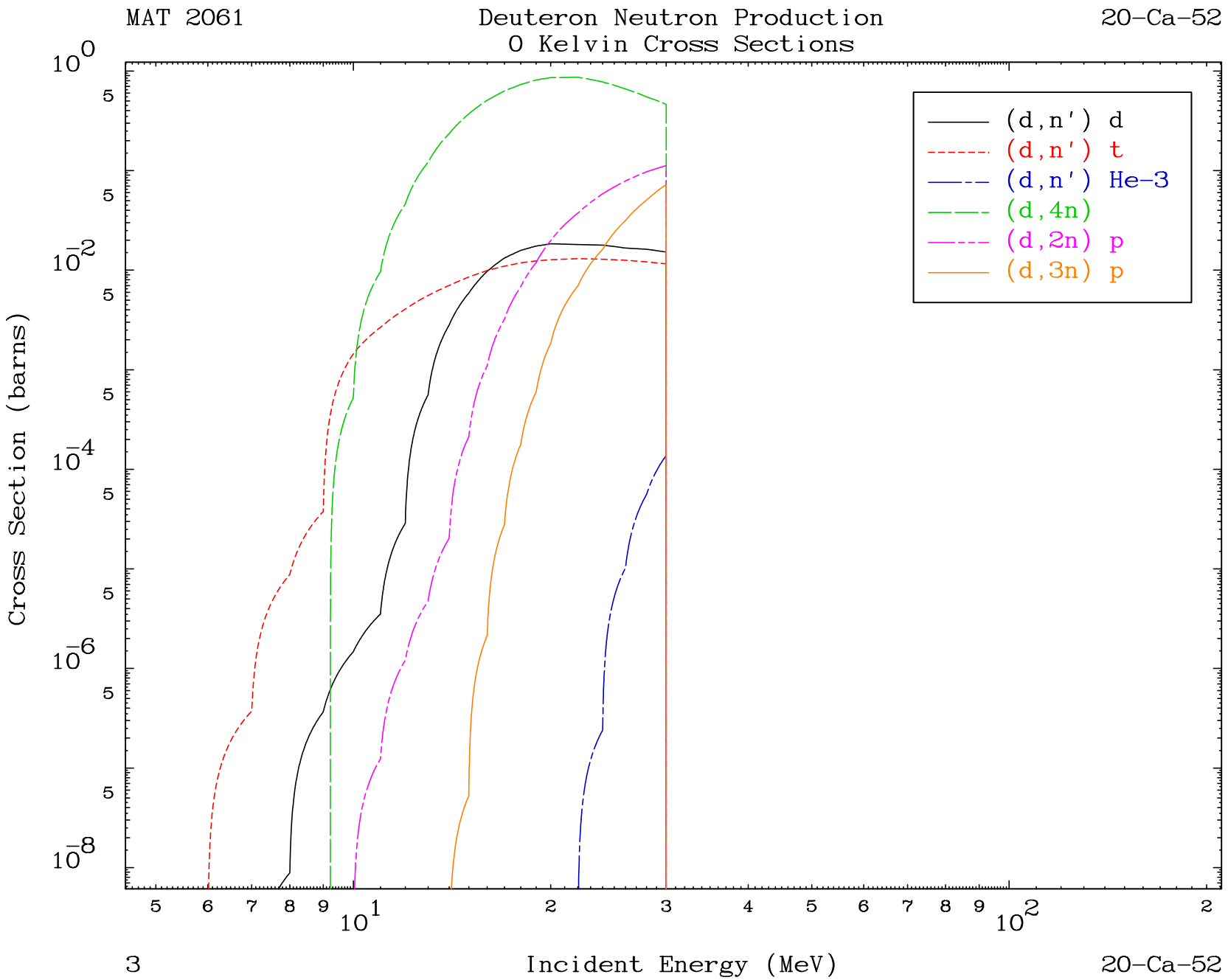
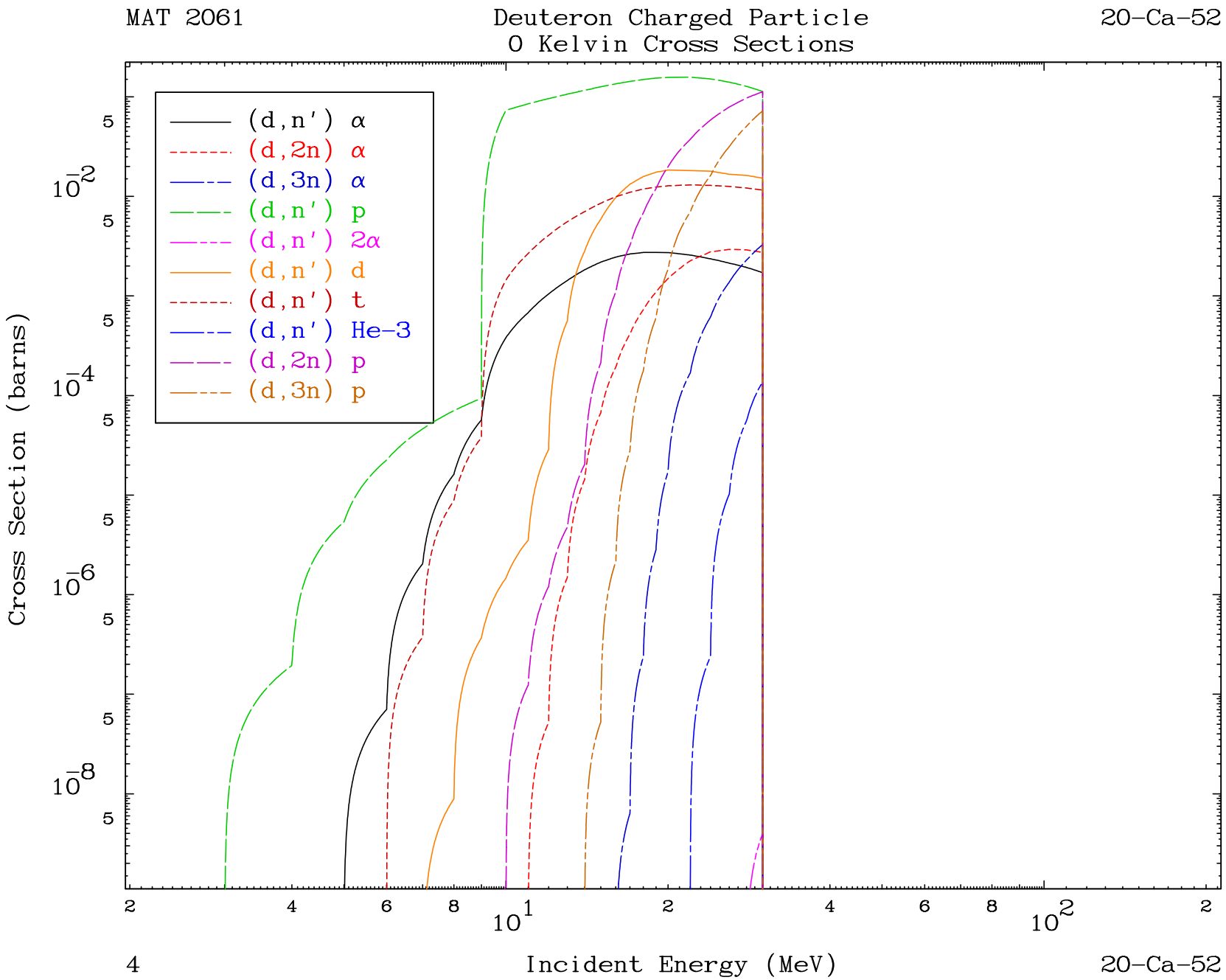
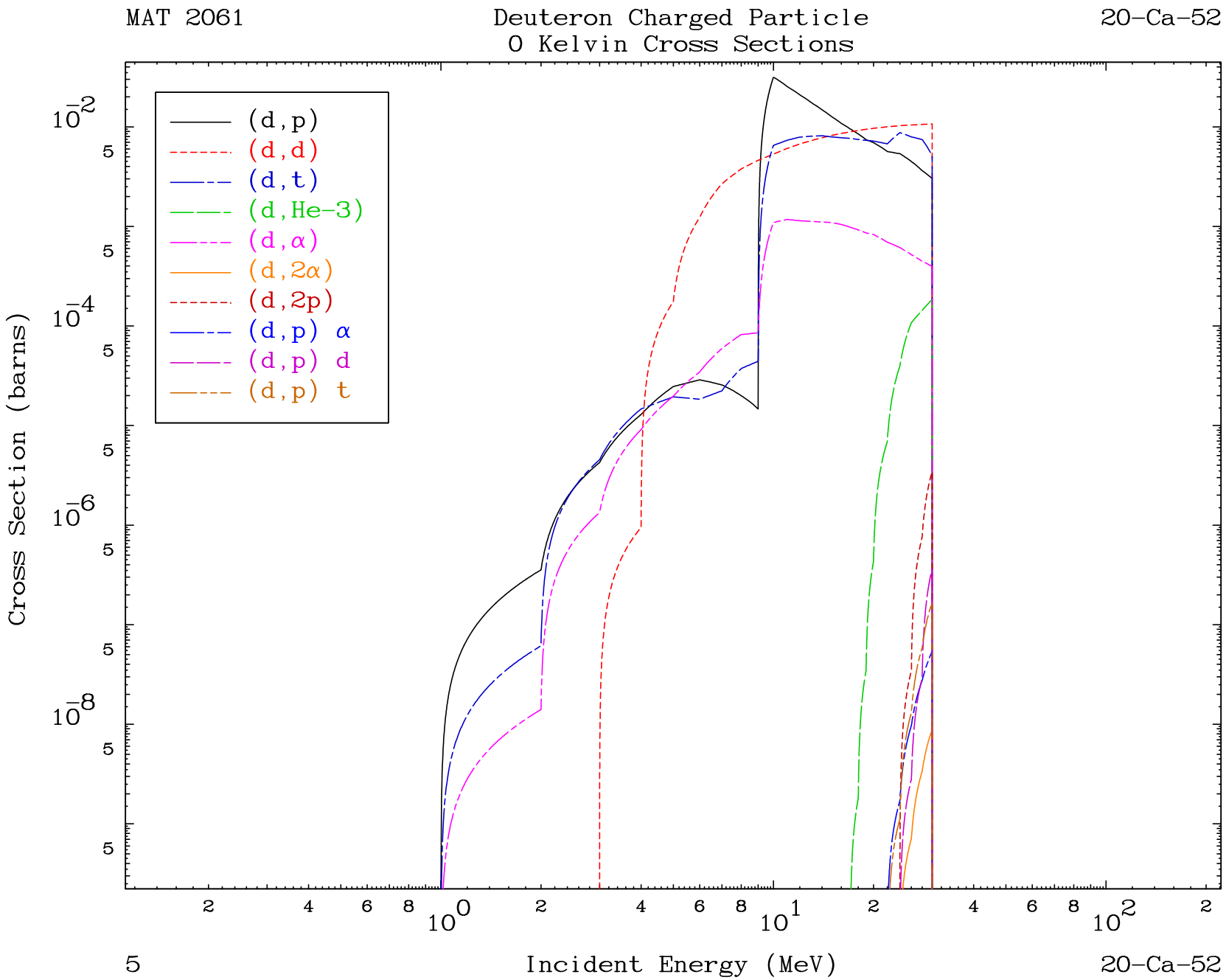
Press Mouse Button to Start

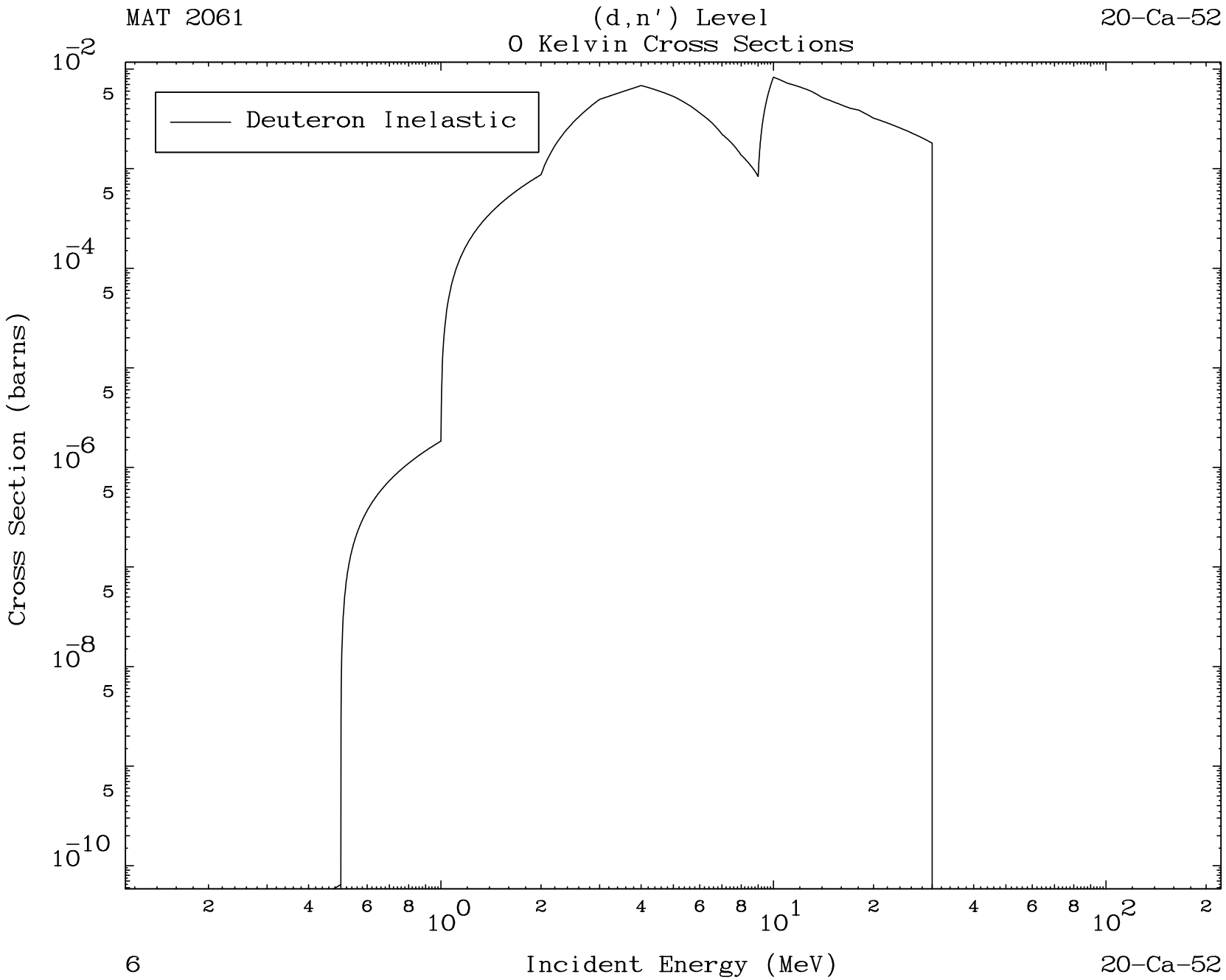

MAT 2061
Deuteron Major
20-Ca-52
0 Kelvin Cross Sections
Deuteron Elastic
Deuteron Inelastic
(d,remainder)
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
1
20-Ca-52

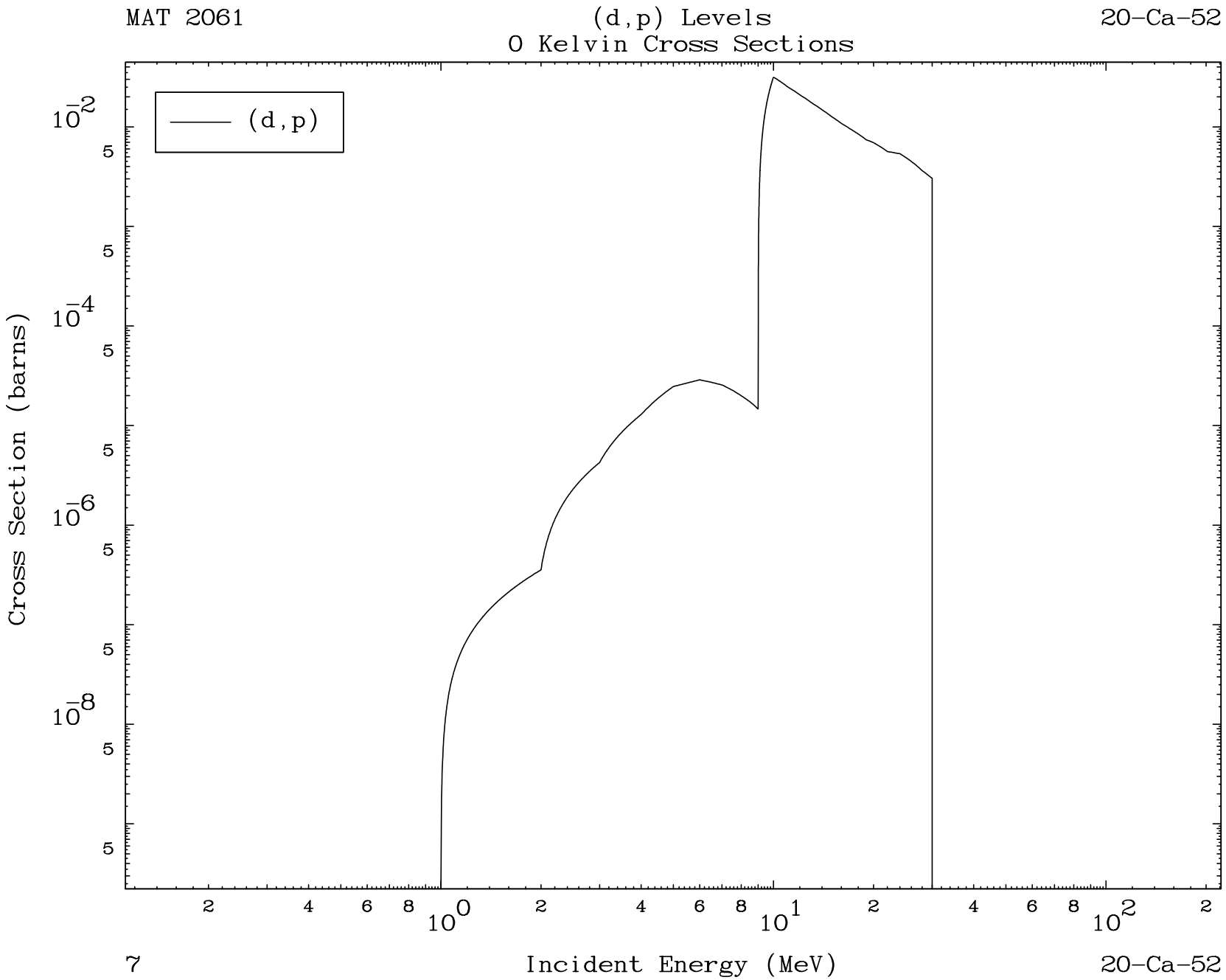

MAT 2061
Deuteron Neutron Production
0 Kelvin Cross Sections
20-Ca-52
(d,2n)
(d,3n)
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
Cross Section (barns)
Incident Energy (MeV)
2
20-Ca-52

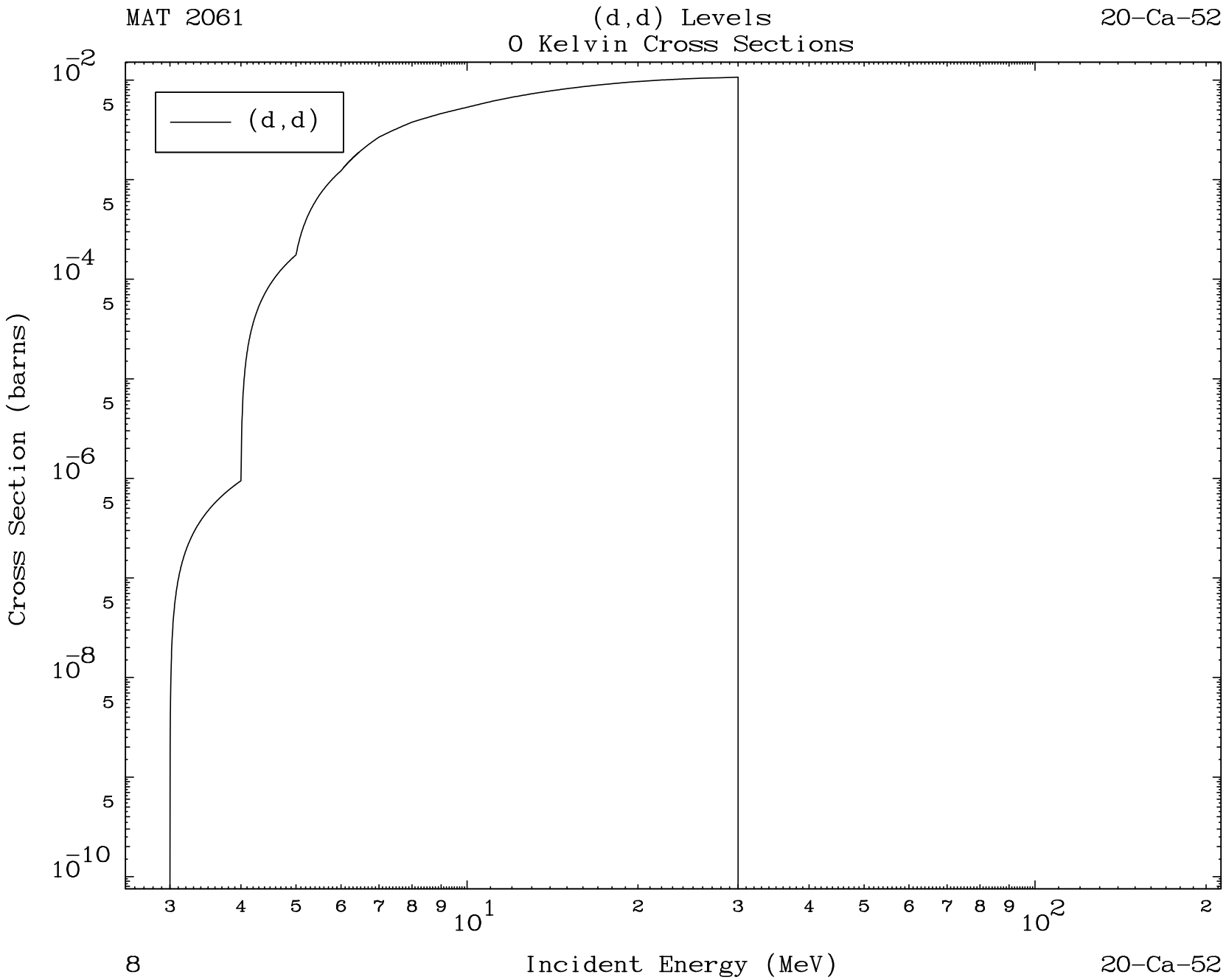

MAT 2061
Deuteron Neutron Production
0 Kelvin Cross Sections
20-Ca-52
(d,n') d
(d,n') t
(d,n') He-3
(d,4n)
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
20-Ca-52

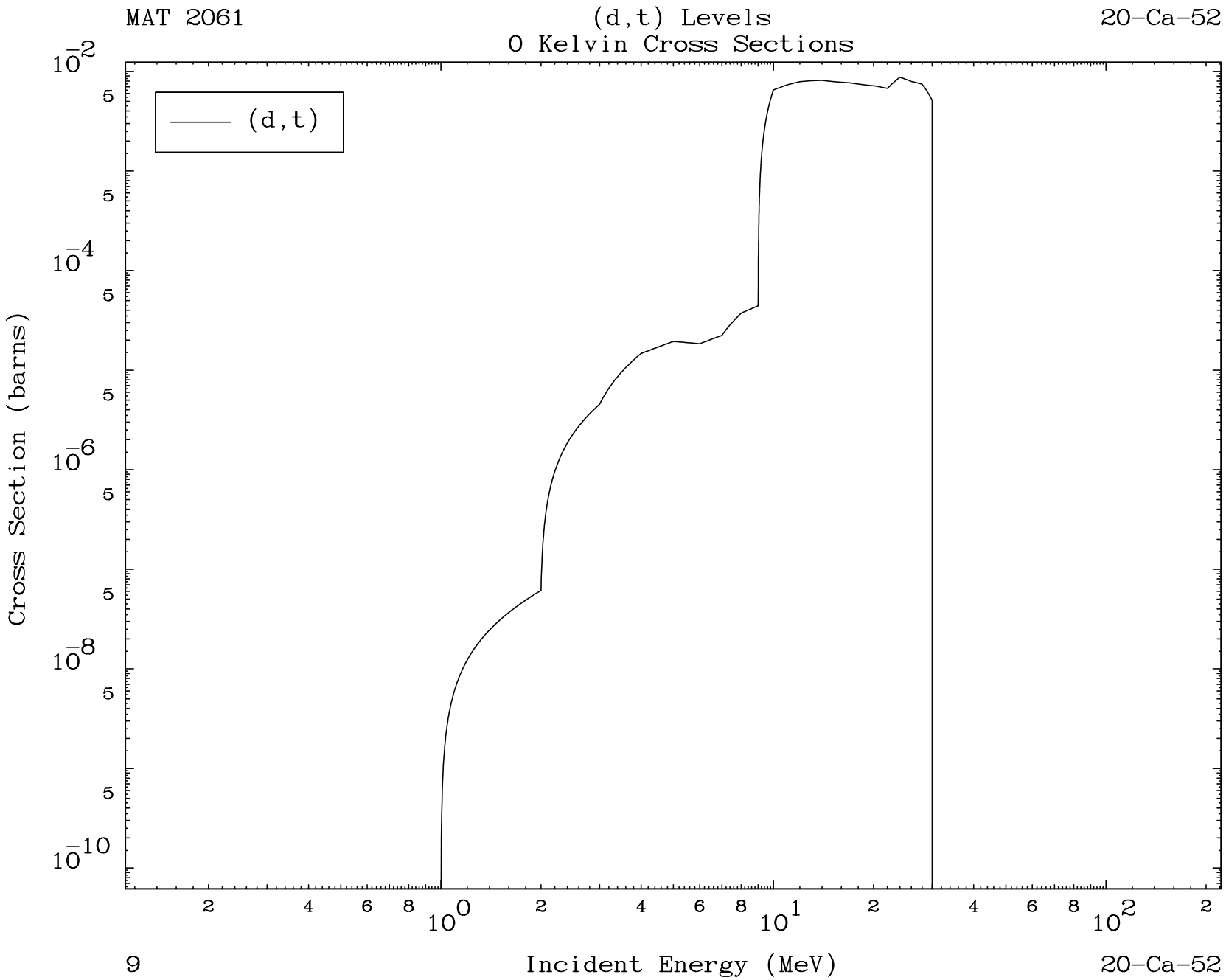

MAT 2061
Deuteron Charged Particle
0 Kelvin Cross Sections
20-Ca-52
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
10-2
10-4
10-6
10-8
2
4
6
8
10 1
2
4
6
8
10 2
2
Incident Energy (MeV)
4
20-Ca-52

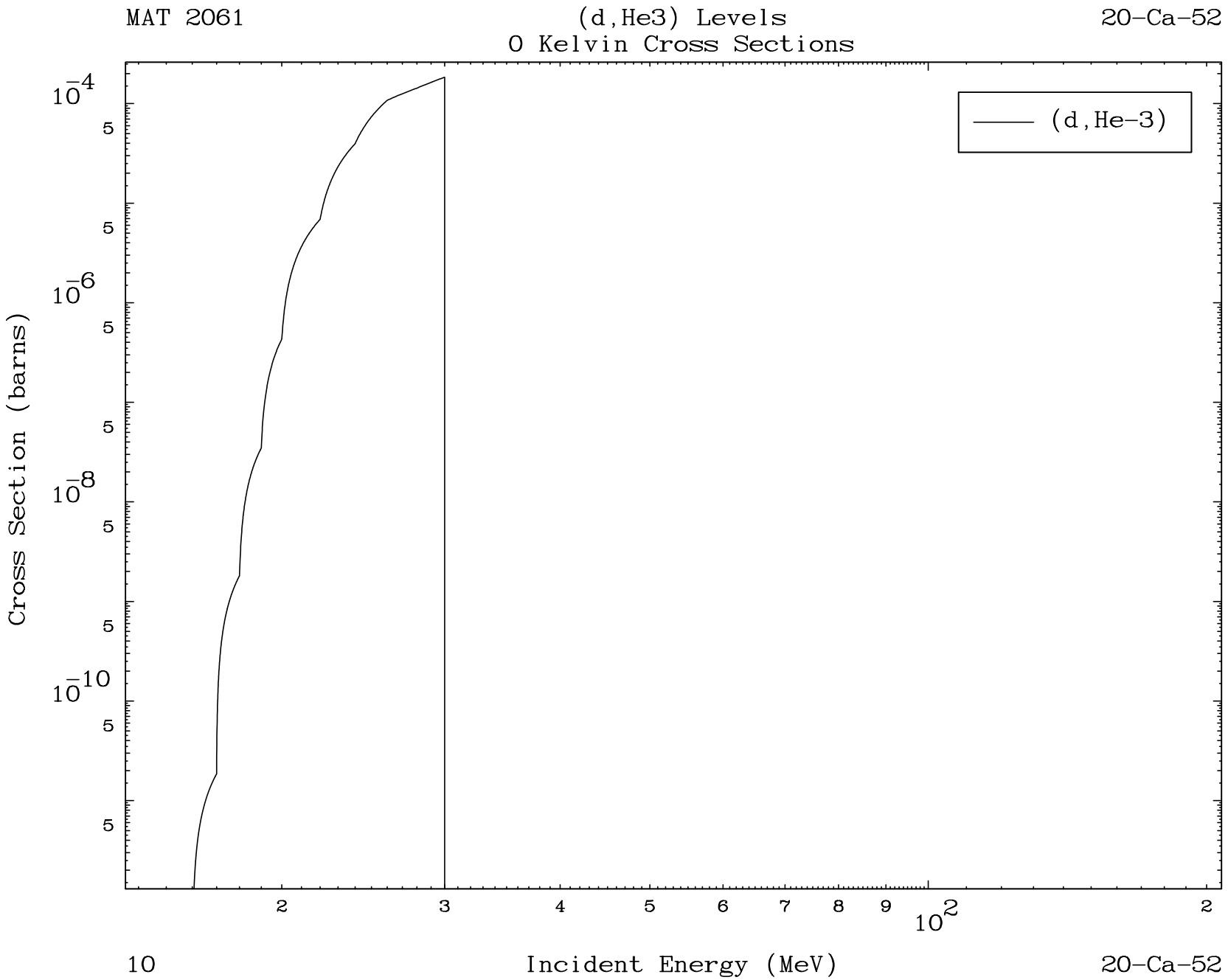

MAT 2061
Deuteron Charged Particle
0 Kelvin Cross Sections
20-Ca-52
(d,p)
(d,d)
(d,t)
(d,He-3)
(d,α)
(d,2α)
(d,2p)
(d,p) α
(d,p) d
(d,p) t
Cross Section (barns)
Incident Energy (MeV)
20-Ca-52
5

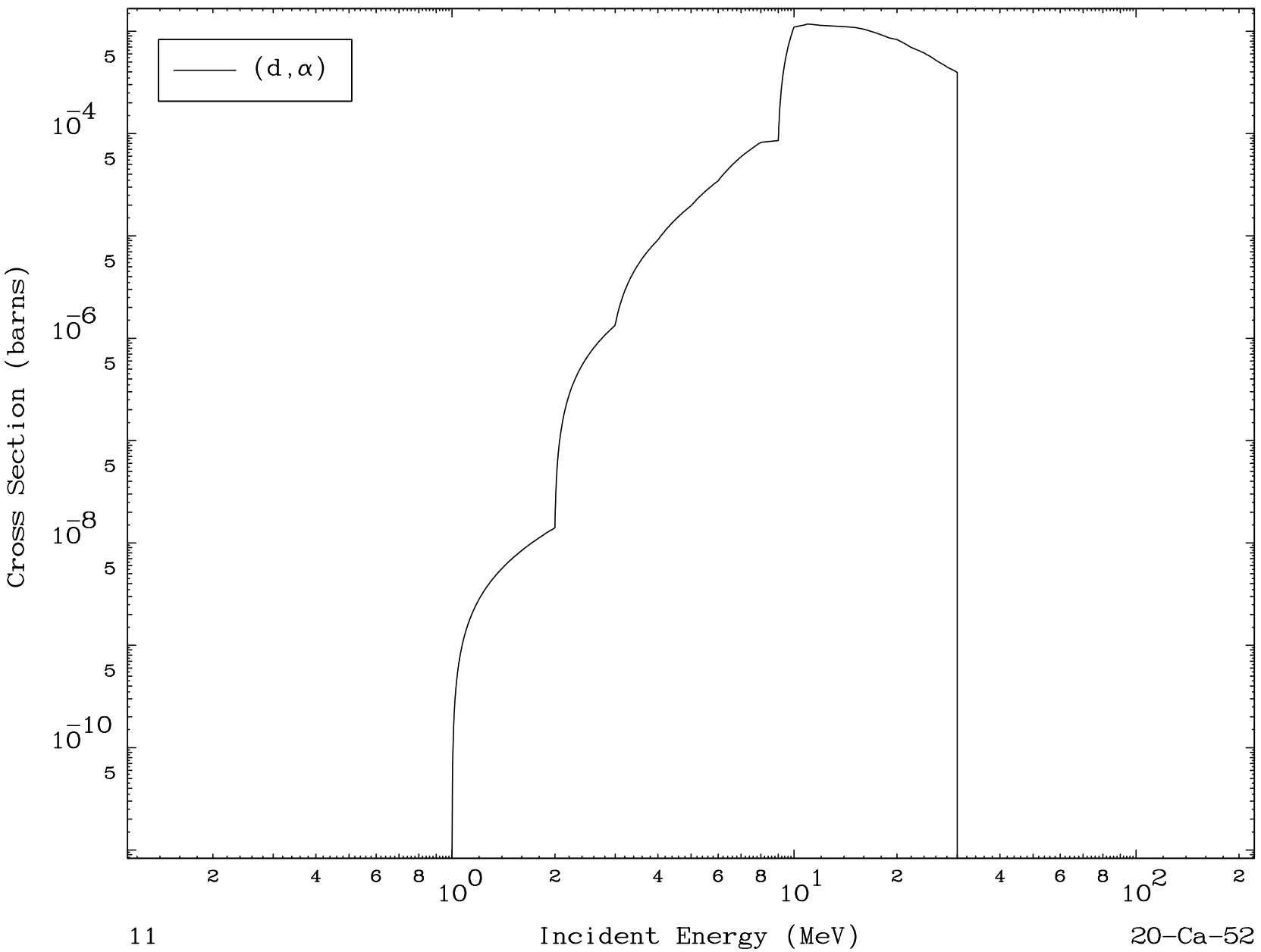

MAT 2061
(d,n') Level
20-Ca-52
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
20-Ca-52

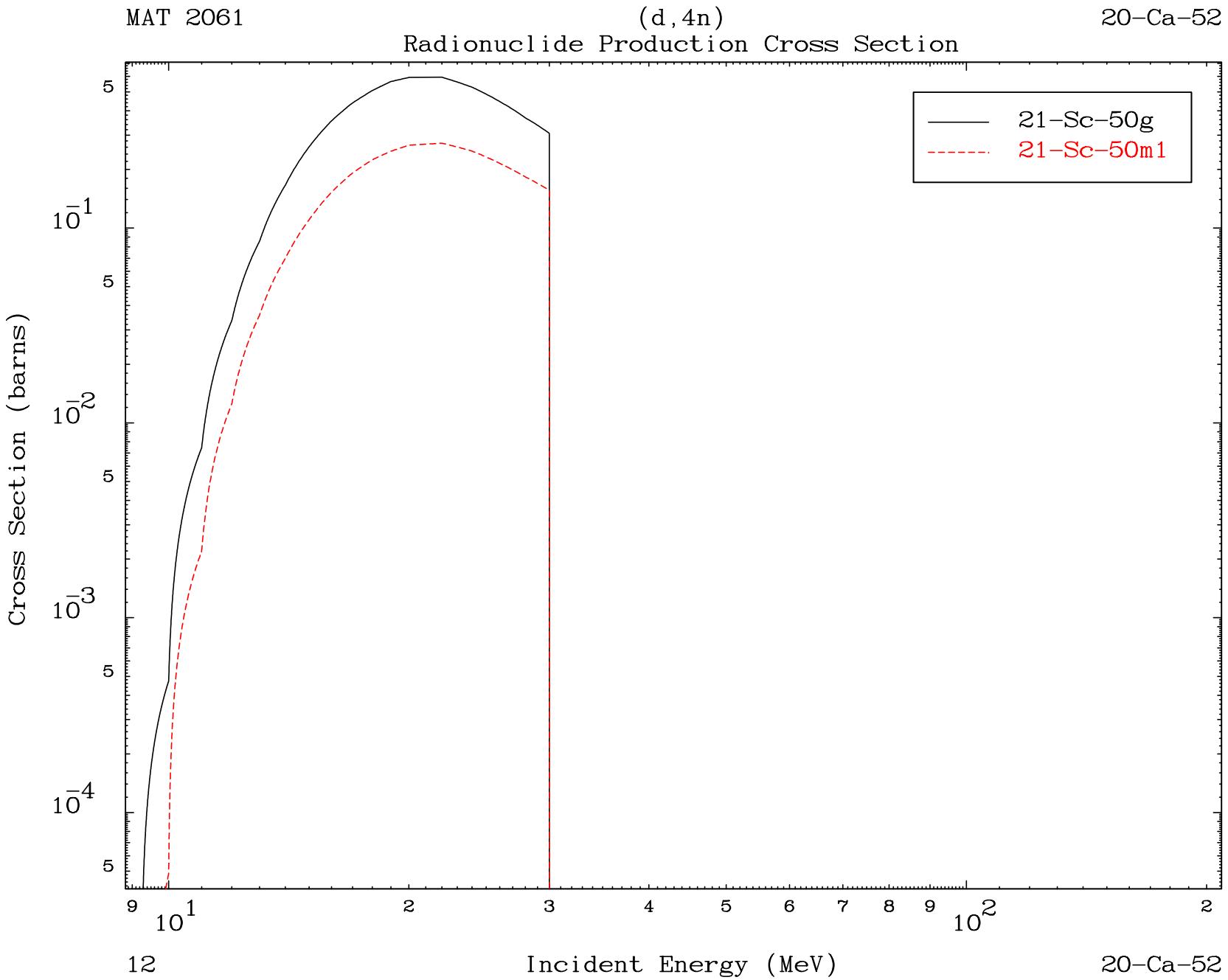

MAT 2061
(d,p) Levels
20-Ca-52
0 Kelvin Cross Sections
(d,p)
Cross Section (barns)
Incident Energy (MeV)
7
20-Ca-52


MAT 2061
(d,d) Levels
20-Ca-52
0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
Incident Energy (MeV)
8
20-Ca-52


MAT 2061
(d,t) Levels
20-Ca-52
0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
Incident Energy (MeV)
9
20-Ca-52


MAT 2061
(d,He3) Levels
20-Ca-52
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
10^2
20-Ca-52


0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)


MAT 2061
(d,4n)
20-Ca-52
Radionuclide Production Cross Section
21-Sc-50g
21-Sc-50m1
Cross Section (barns)
Incident Energy (MeV)
12
20-Ca-52