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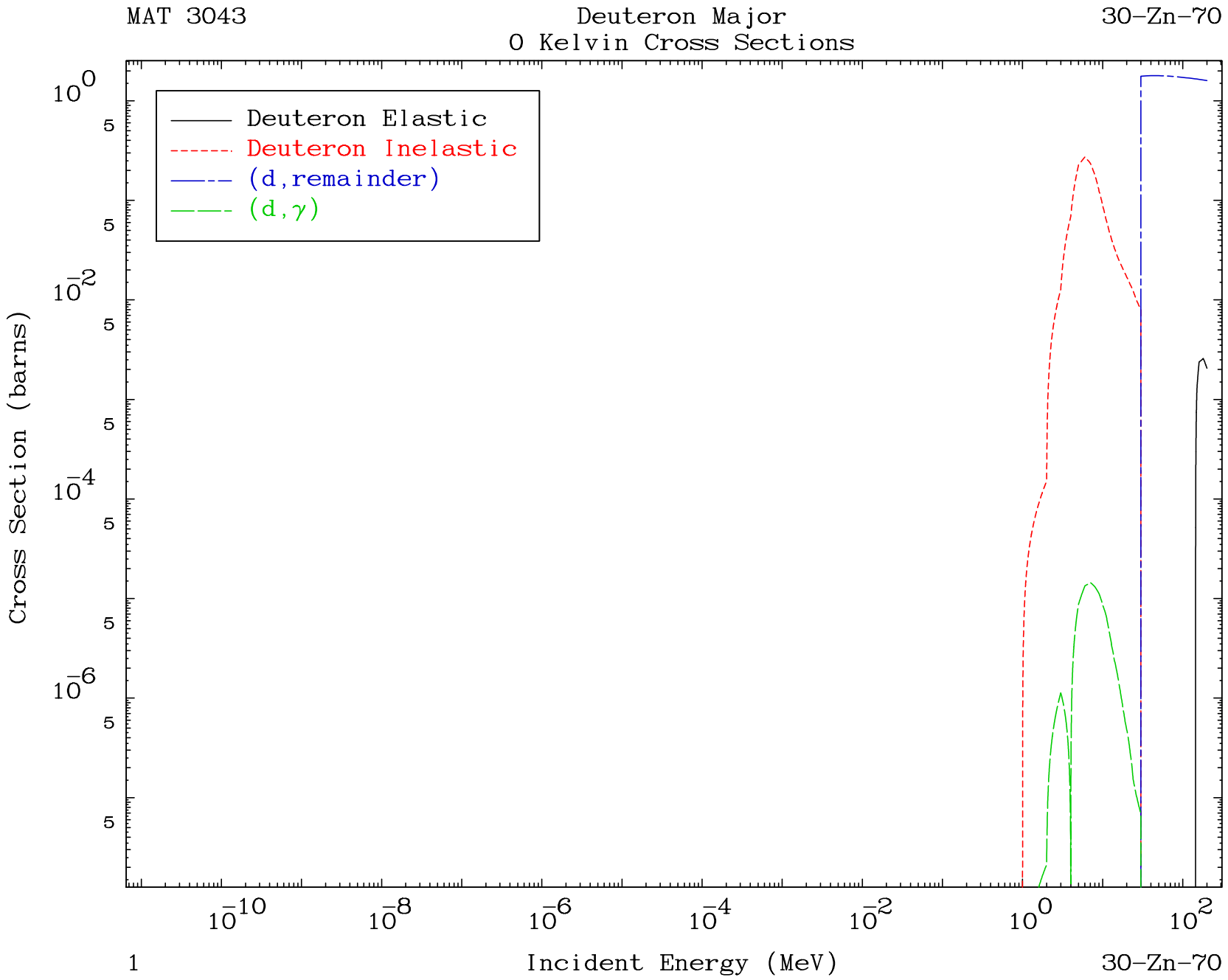
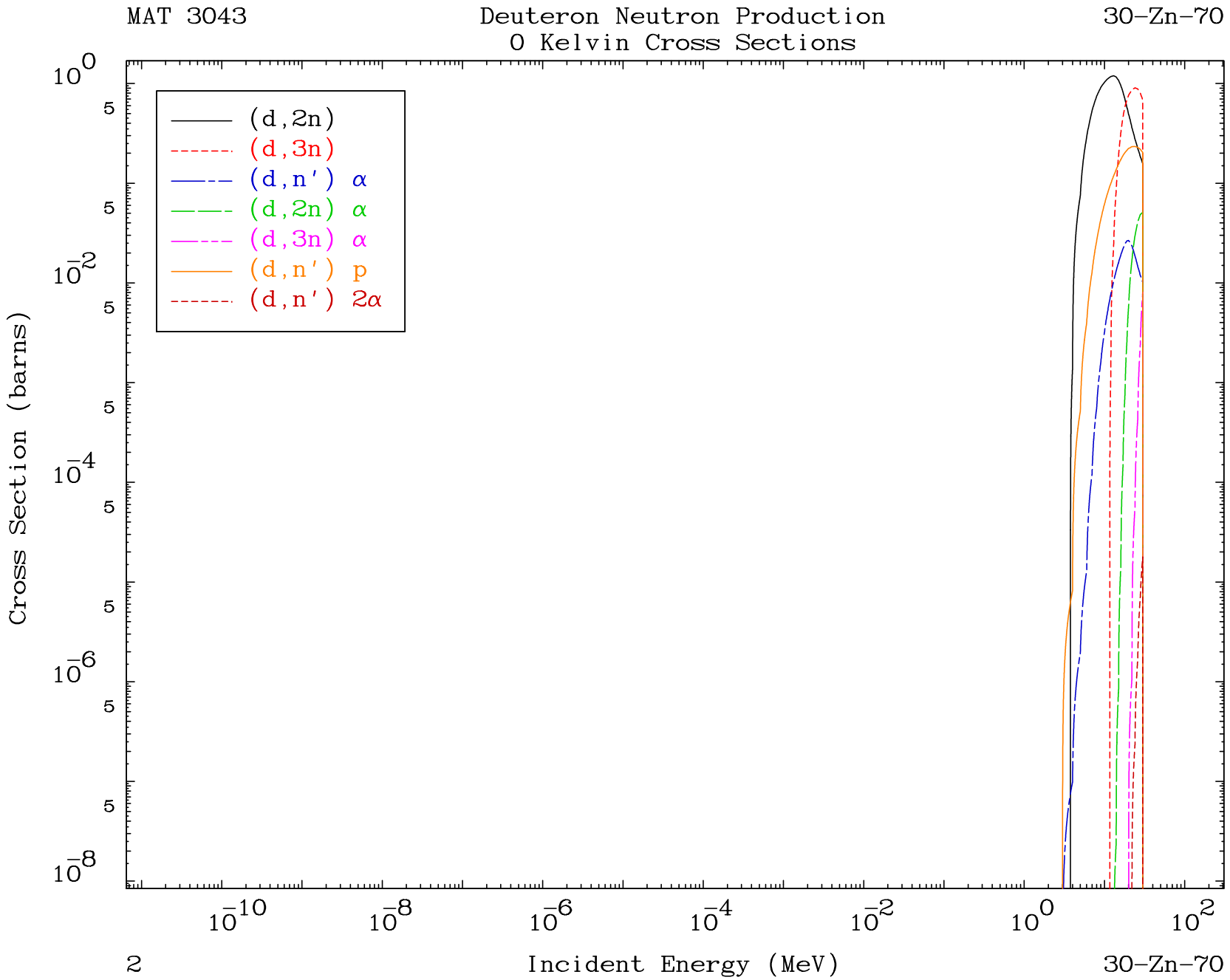
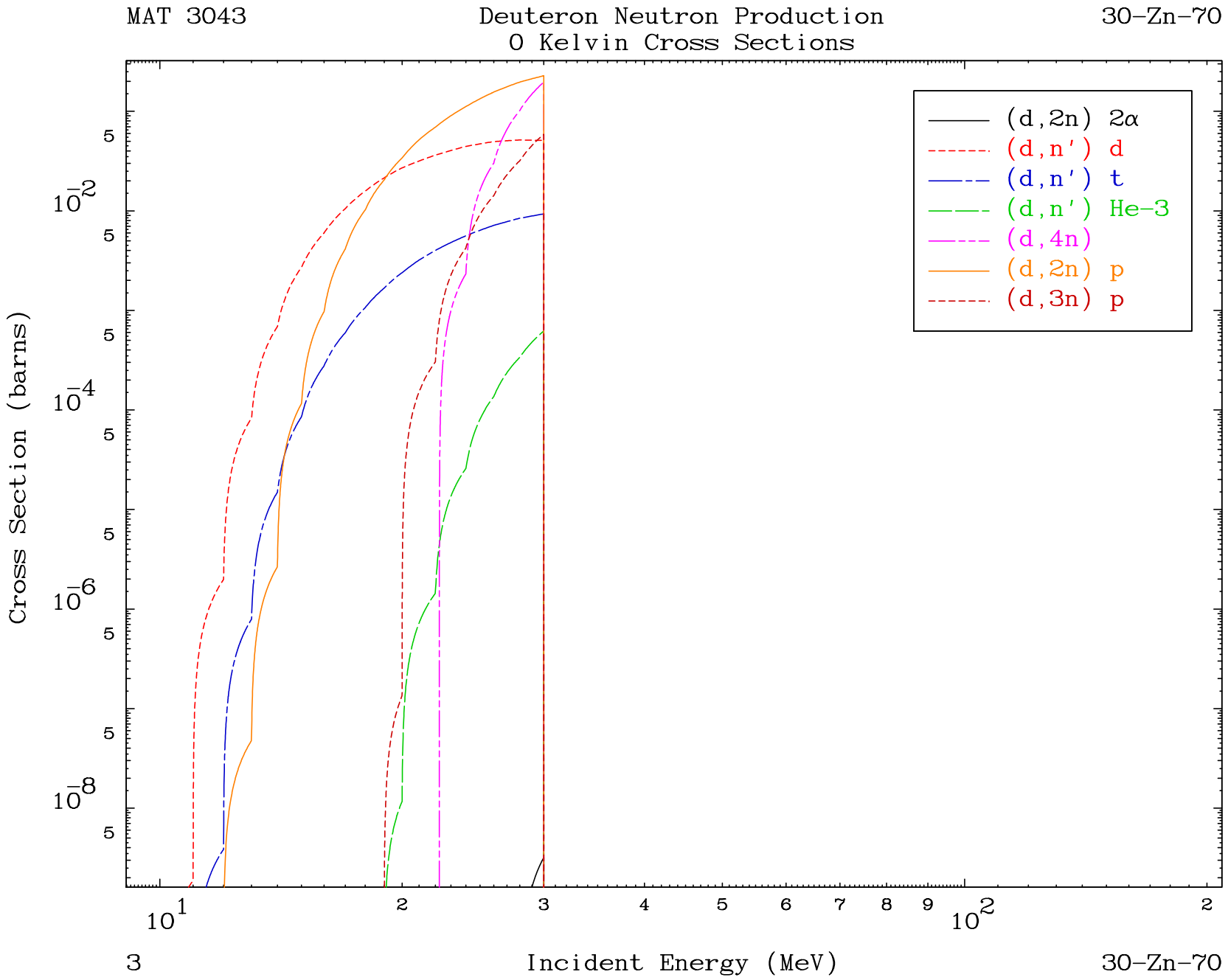
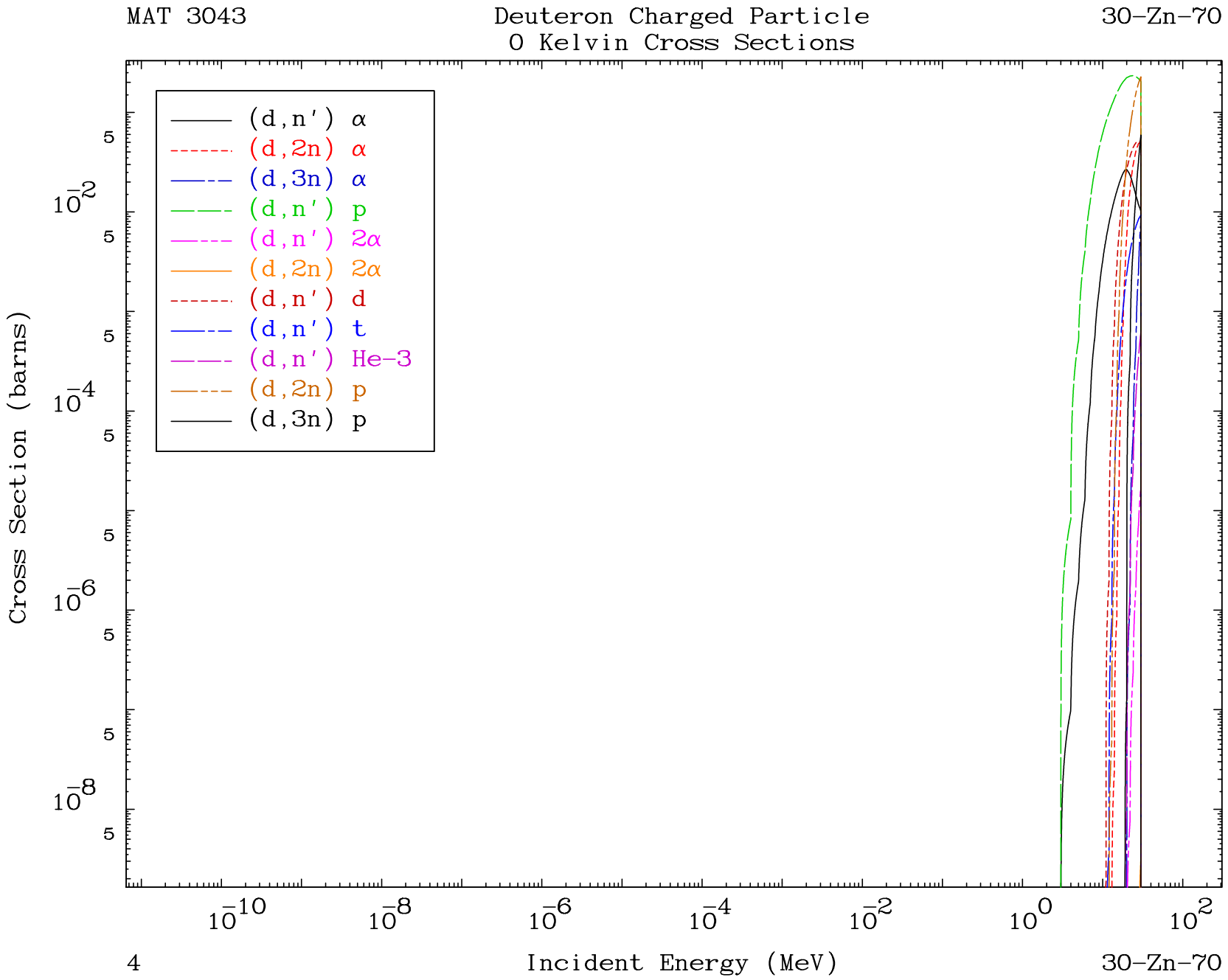
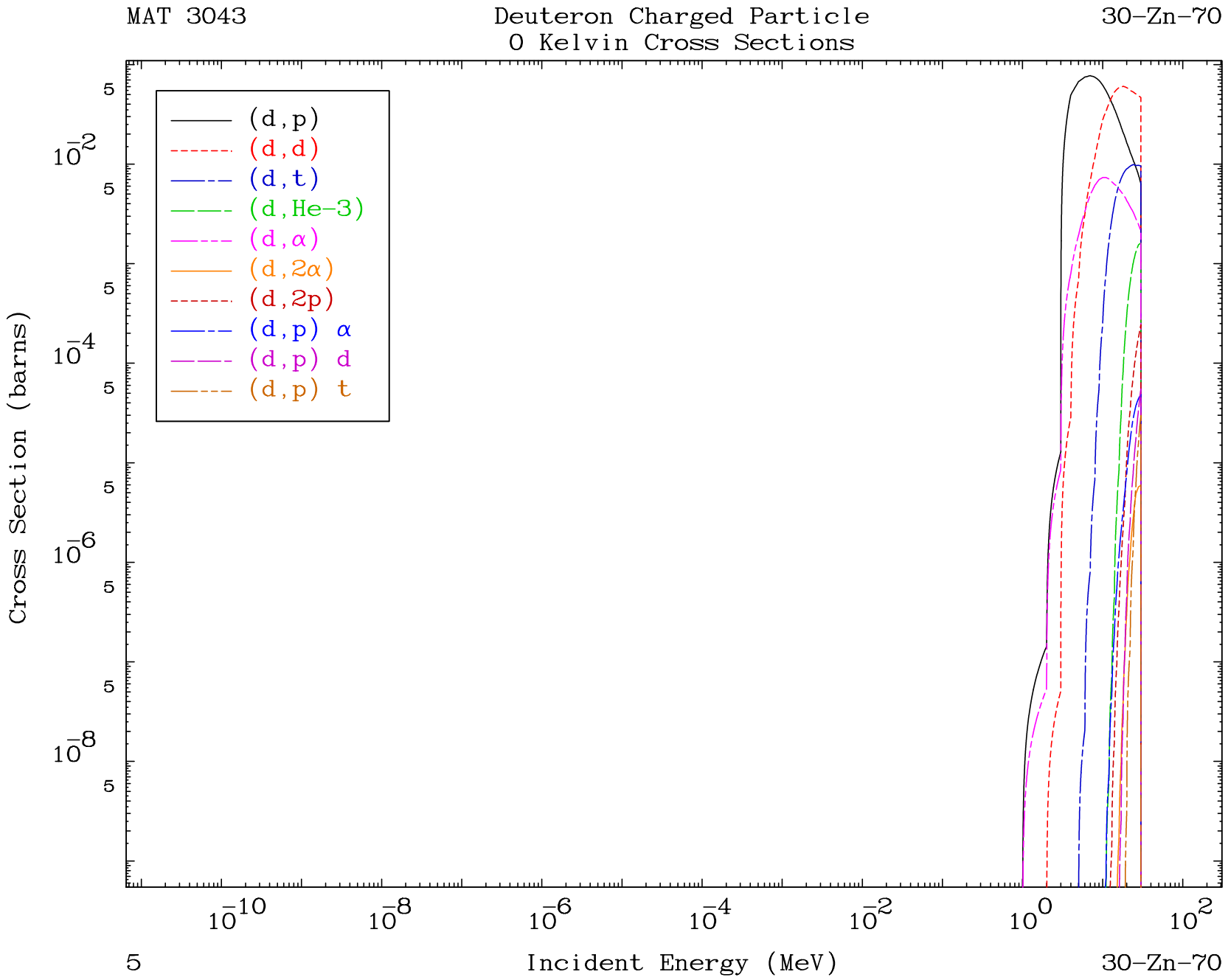
Press Mouse Button to Start

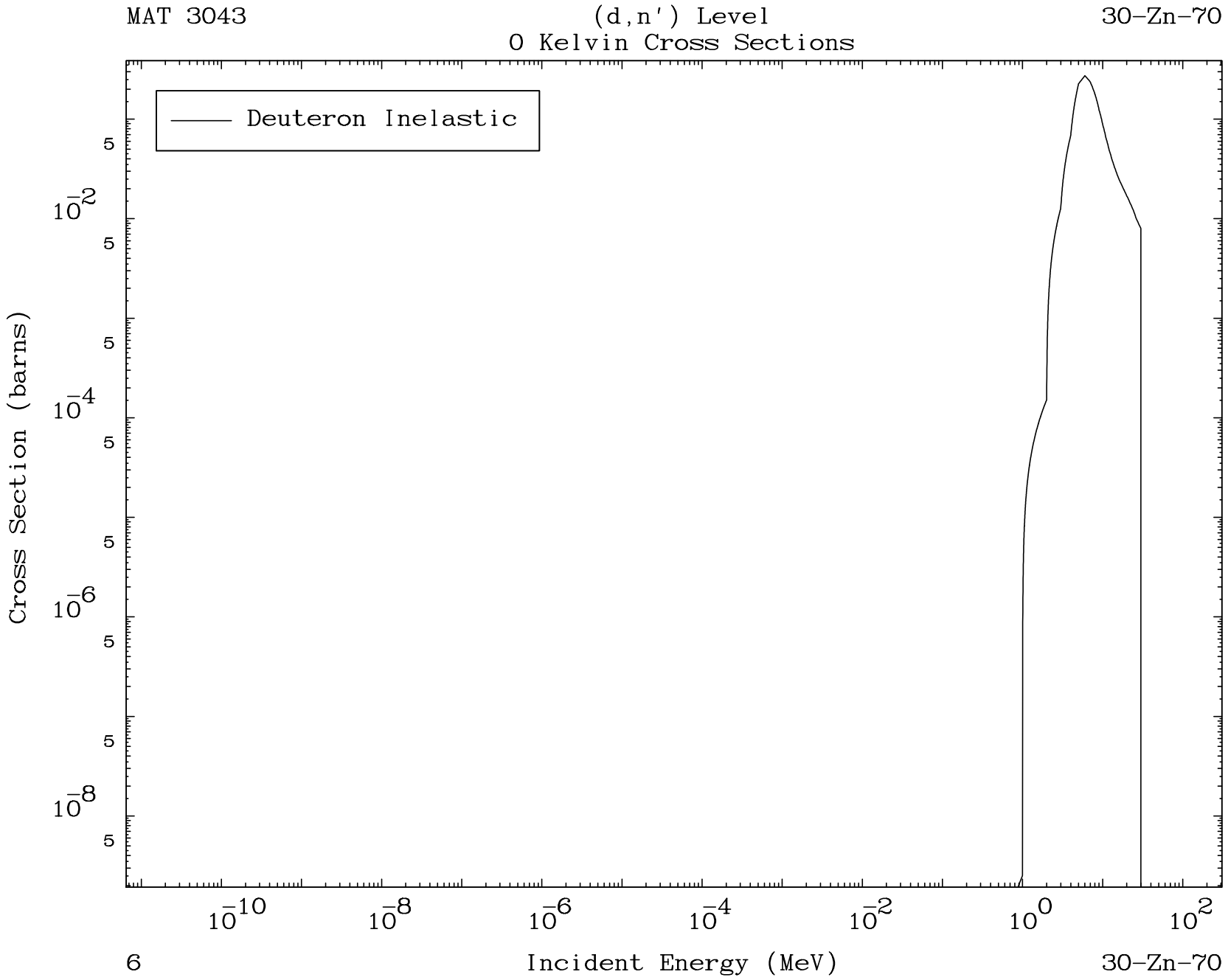

MAT 3043
Deuteron Major
30-Zn-70
0 Kelvin Cross Sections
Deuteron Elastic
Deuteron Inelastic
(d,remainder)
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
1
30-Zn-70

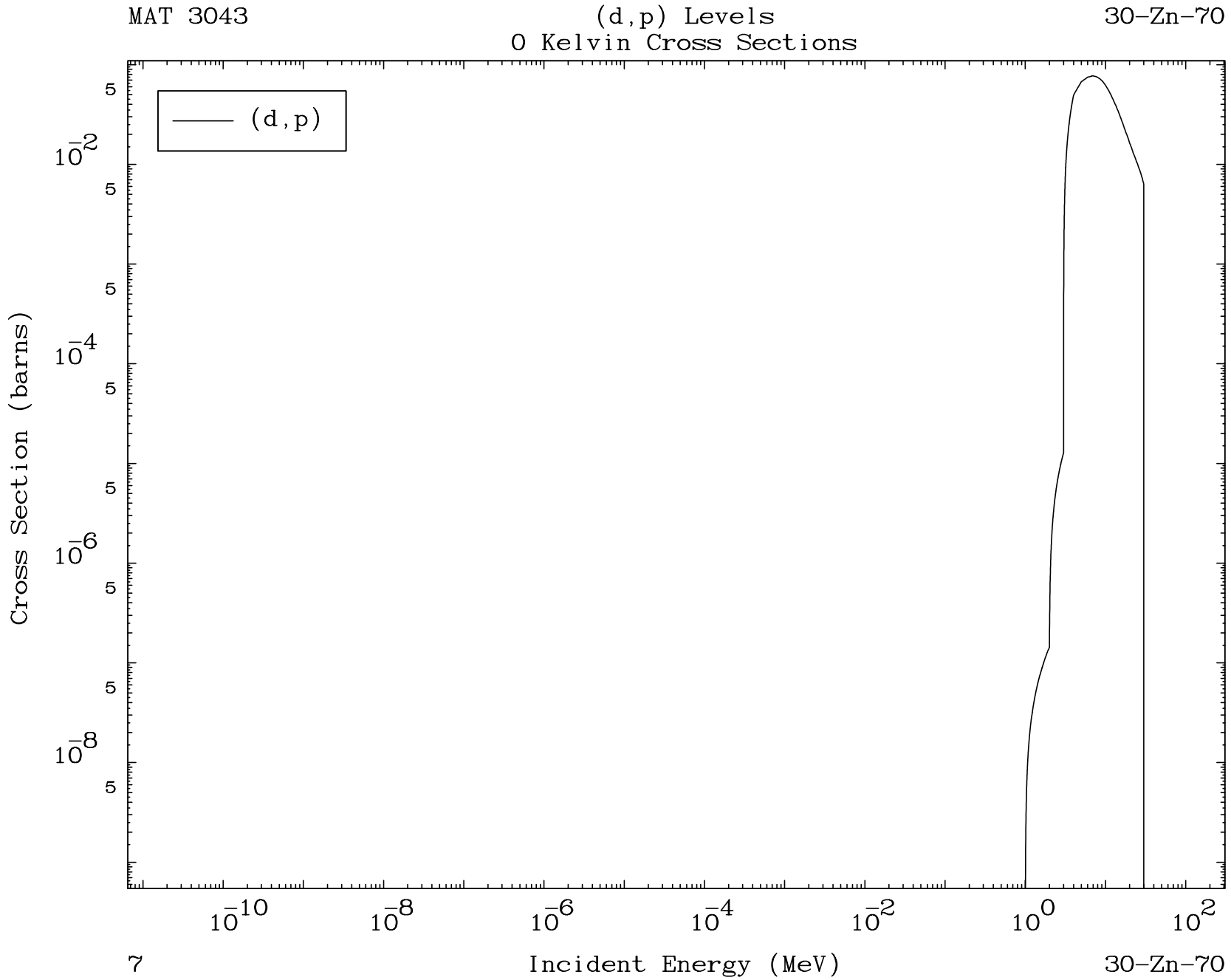

MAT 3043
Deuteron Neutron Production
0 Kelvin Cross Sections
30-Zn-70
(d,2n)
(d,3n)
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
30-Zn-70

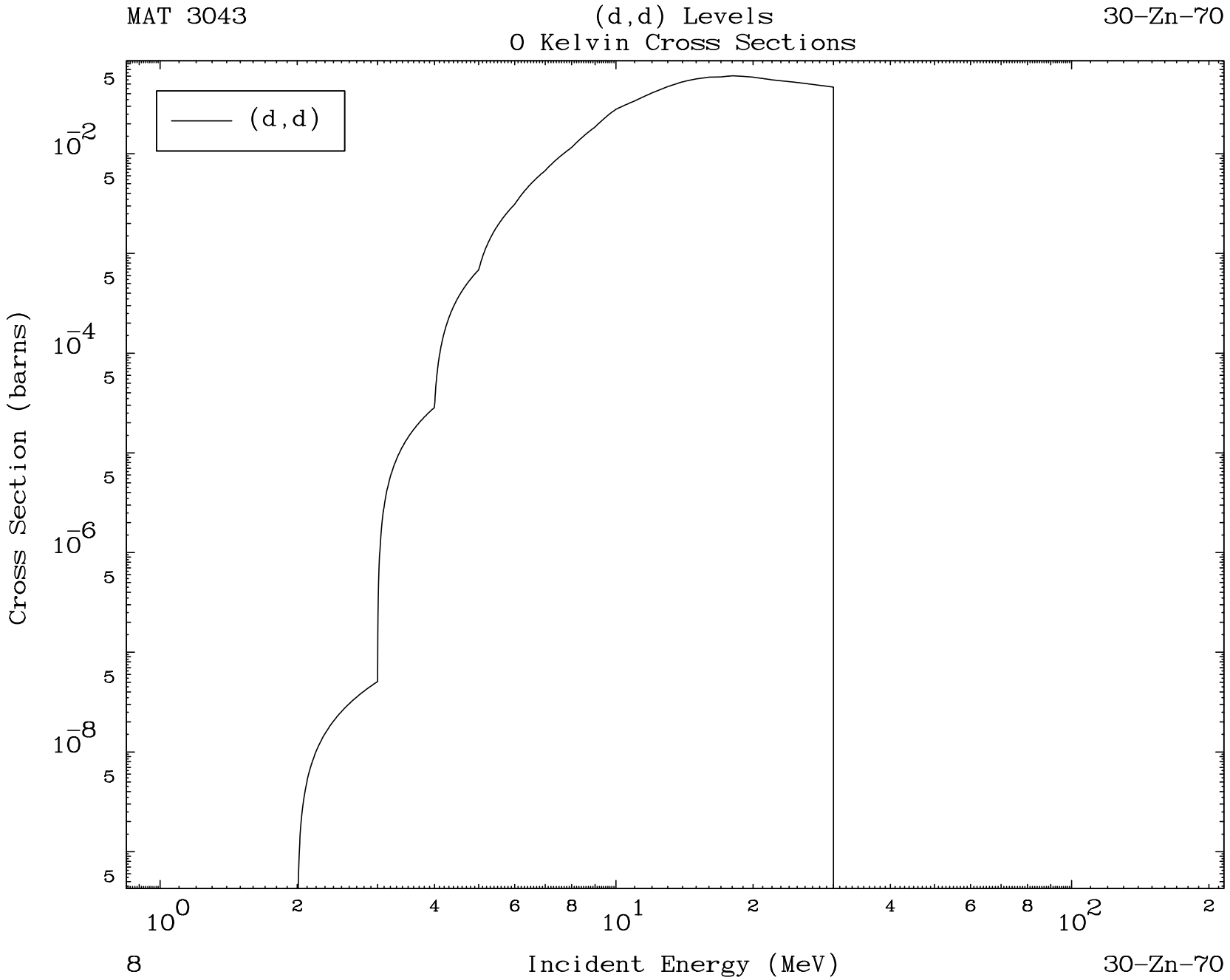

MAT 3043
Deuteron Neutron Production
0 Kelvin Cross Sections
30-Zn-70
(d,2n) 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,4n)
(d,2n) p
(d,3n) p
Cross Section (barns)
10-2
10-4
10-6
10-8
5
10 1
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
3
30-Zn-70


MAT 3043
Deuteron Charged Particle
0 Kelvin Cross Sections
30-Zn-70
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
(d,2n) 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
30-Zn-70


MAT 3043
Deuteron Charged Particle
0 Kelvin Cross Sections
30-Zn-70
(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)
30-Zn-70


MAT 3043
(d,n') Level
30-Zn-70
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
Incident Energy (MeV)
6
30-Zn-70


MAT 3043
(d,p) Levels
30-Zn-70
0 Kelvin Cross Sections
(d,p)
Cross Section (barns)
Incident Energy (MeV)
7
30-Zn-70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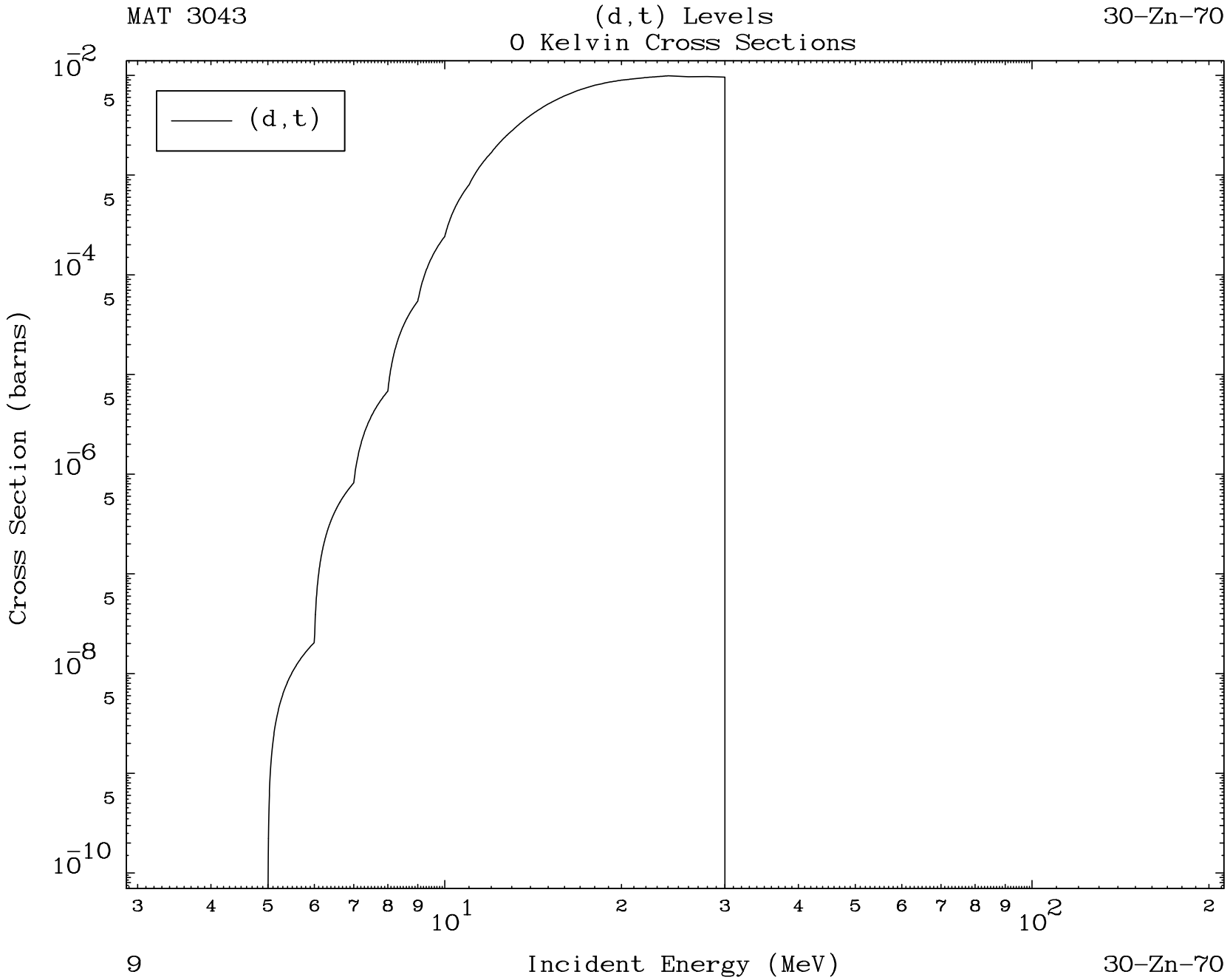
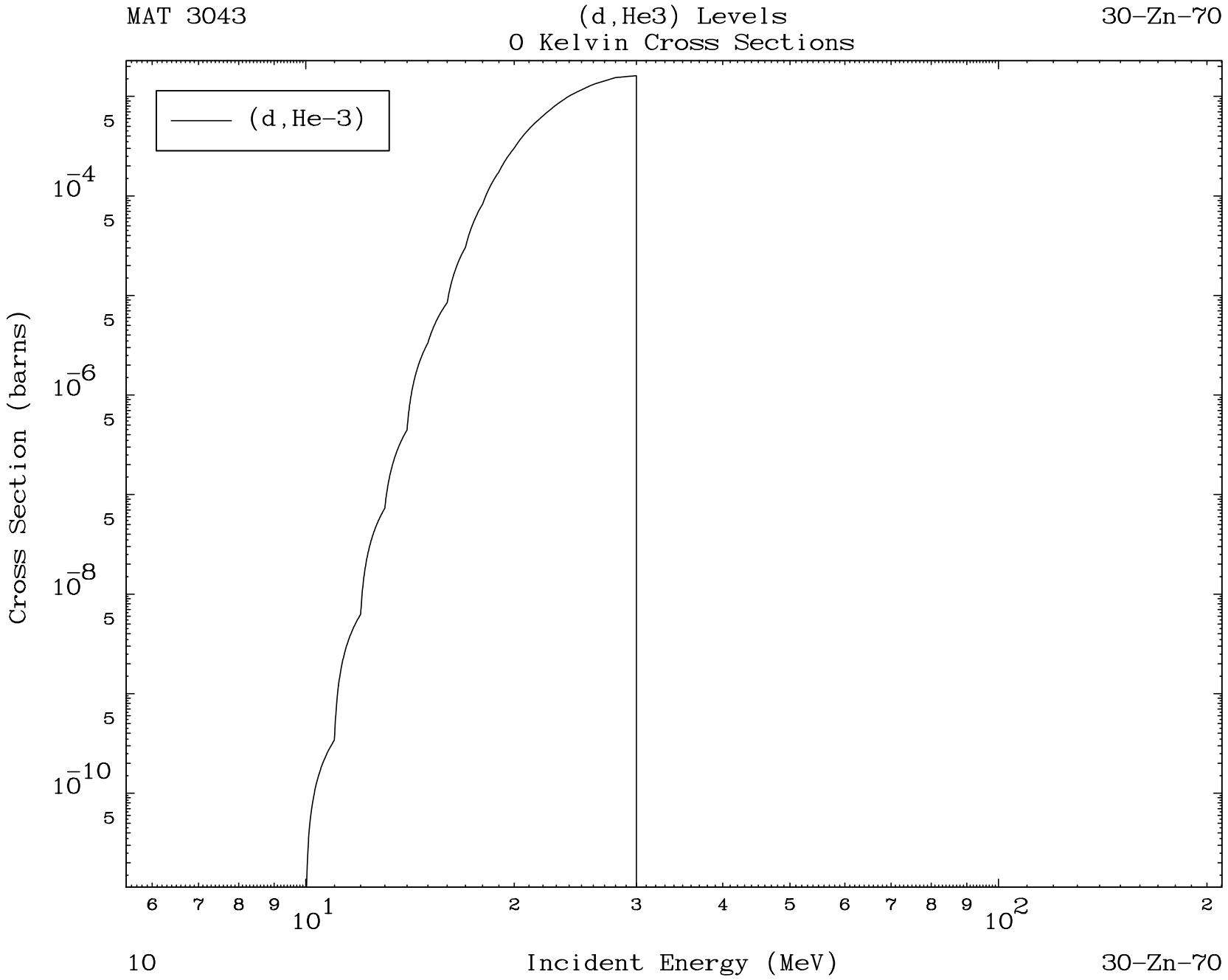
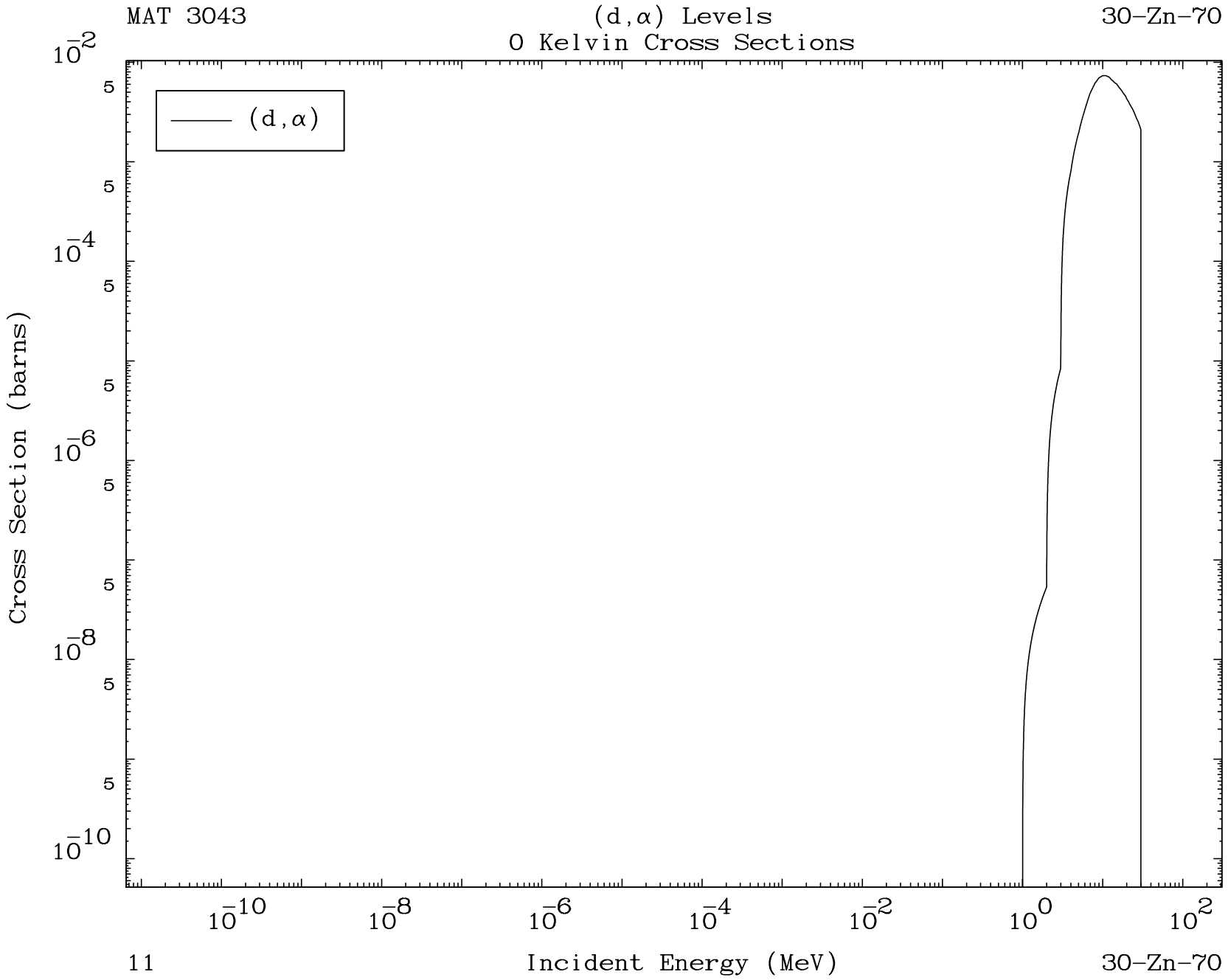
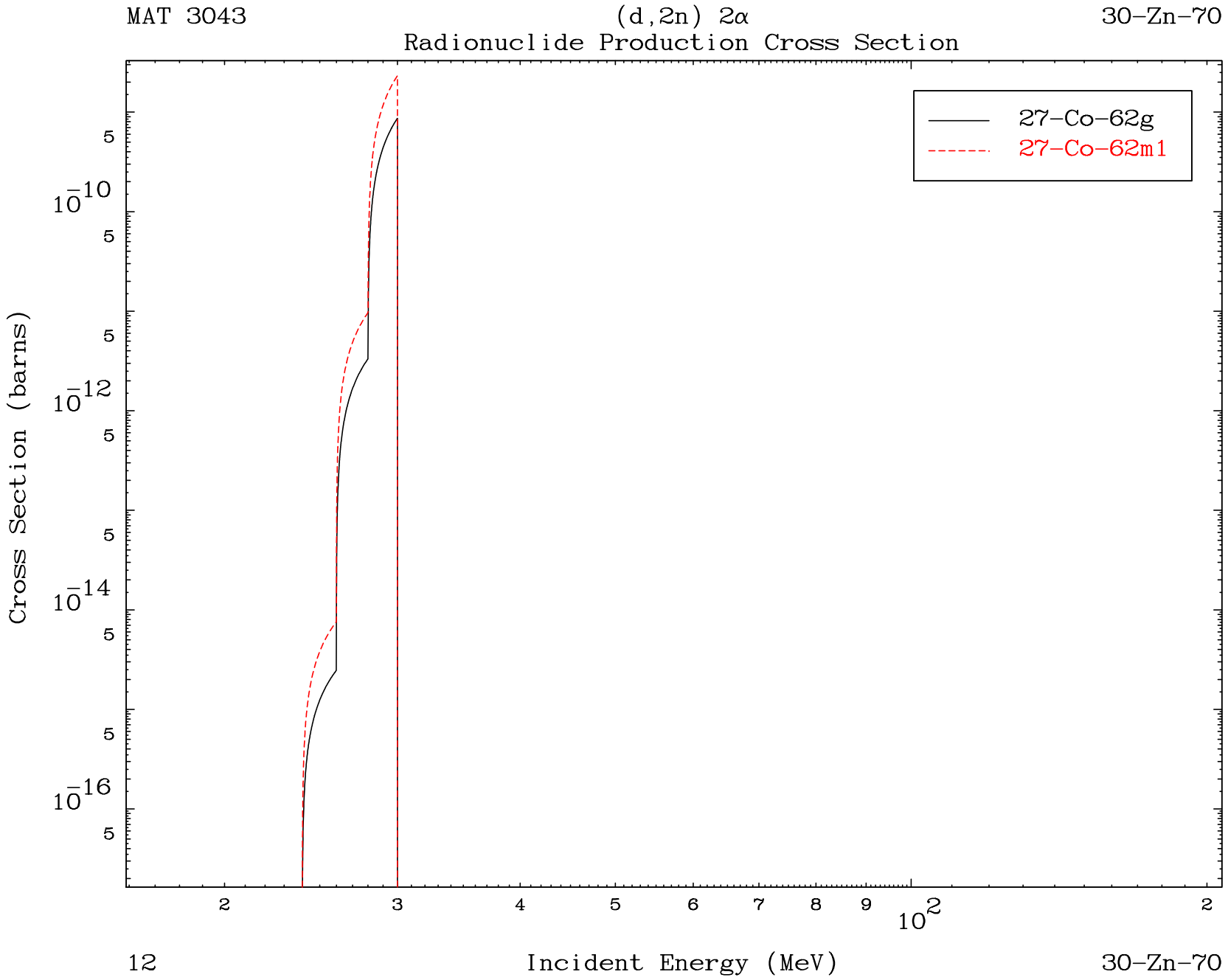
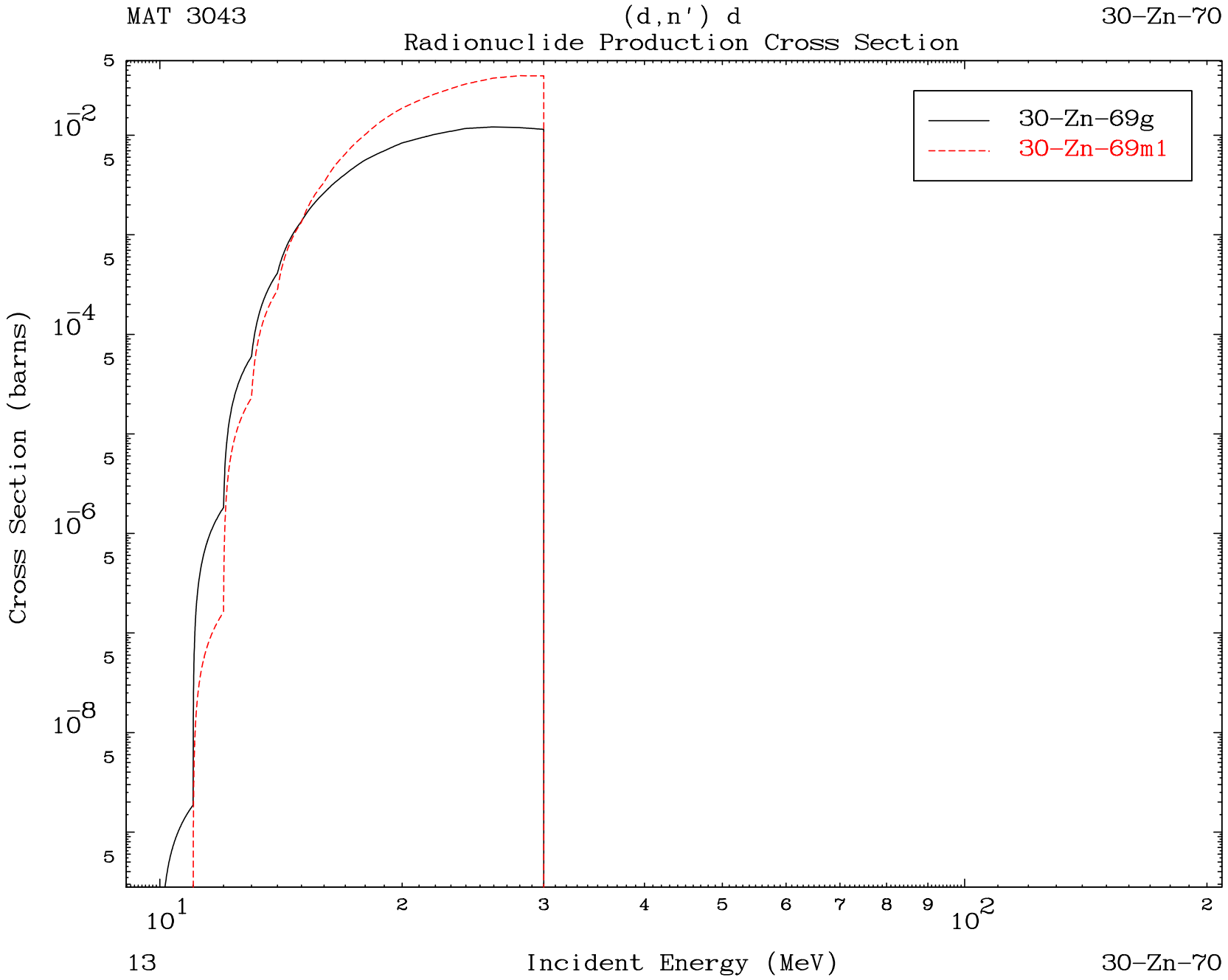
(d,d) Levels
30-Zn-70
0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
Incident Energy (MeV)
30-Zn-70

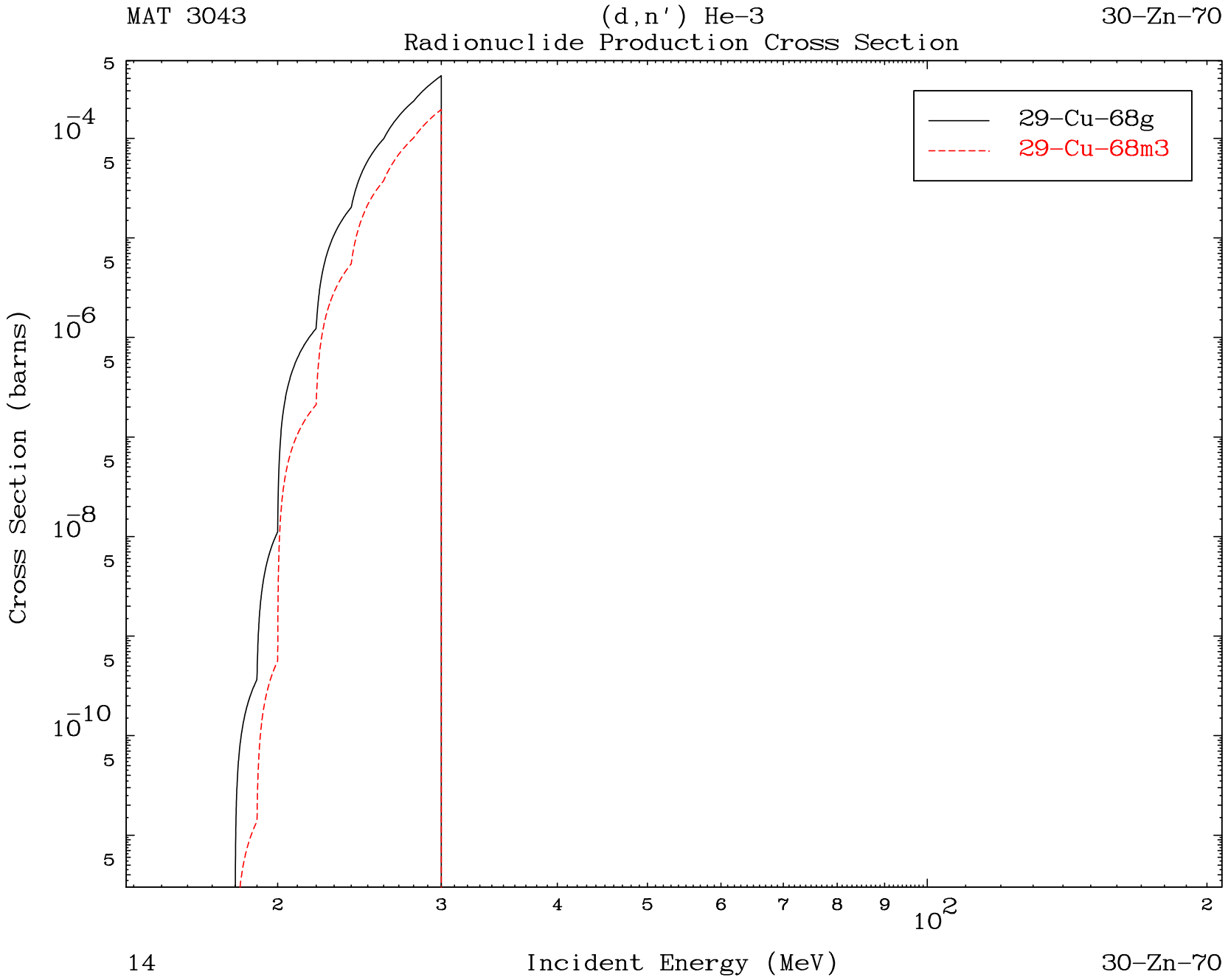

MAT 3043
(d,t) Levels
30-Zn-70
0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
Incident Energy (MeV)
9
30-Zn-70

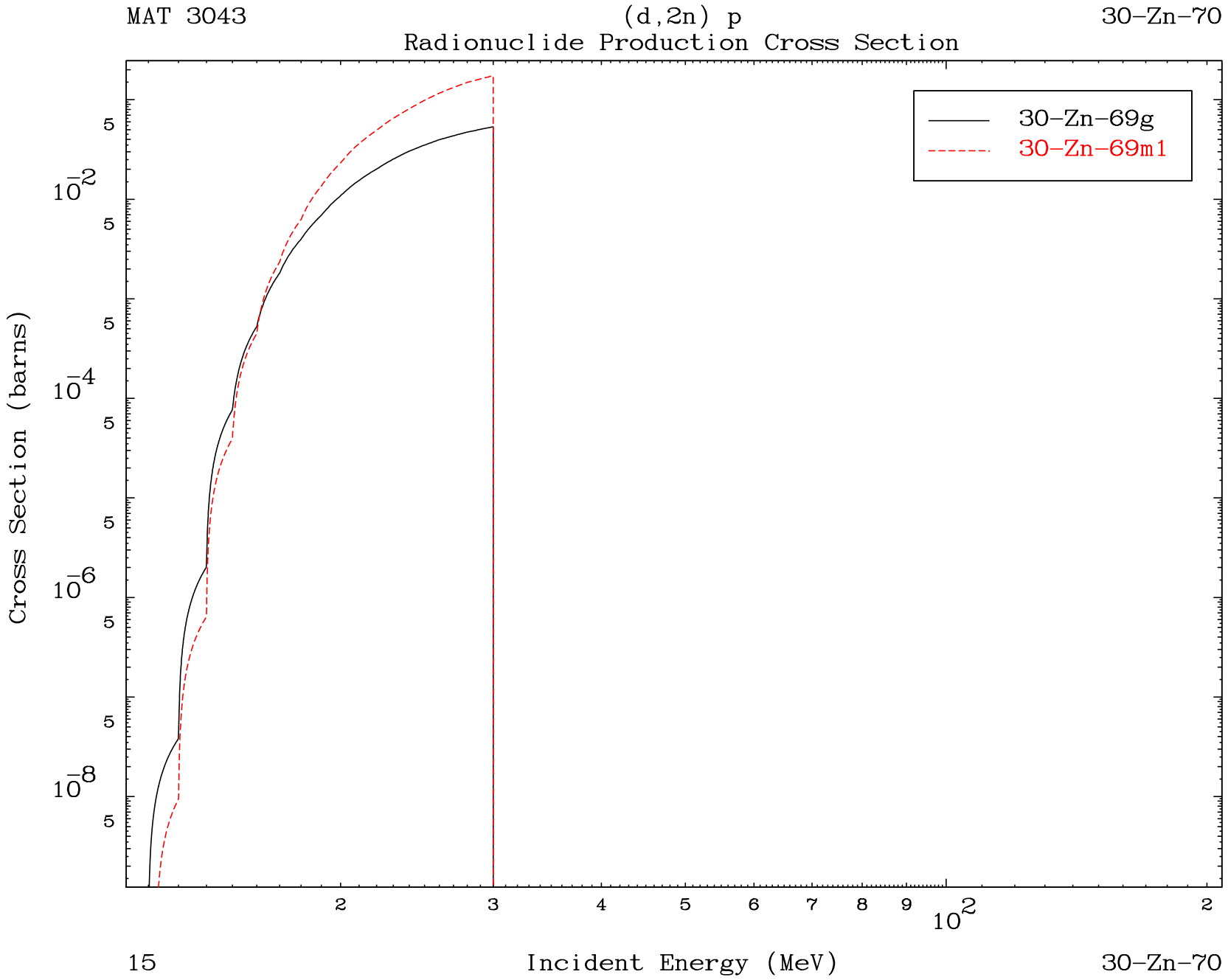

MAT 3043
(d,He3) Levels
30-Zn-70
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
10
Incident Energy (MeV)
30-Zn-70

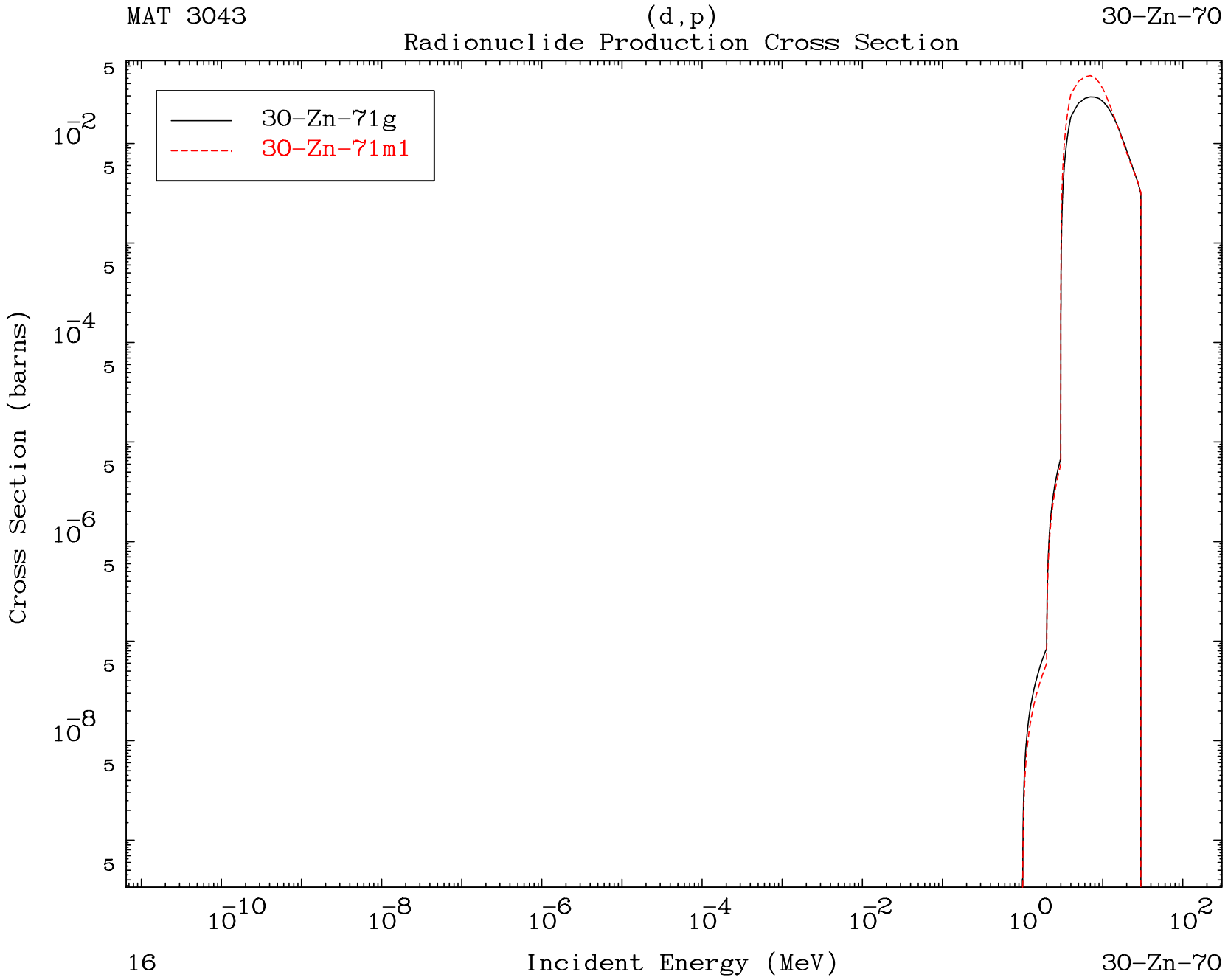

MAT 3043
(d,α) Levels
30-Zn-70
0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
Incident Energy (MeV)
11
30-Zn-70

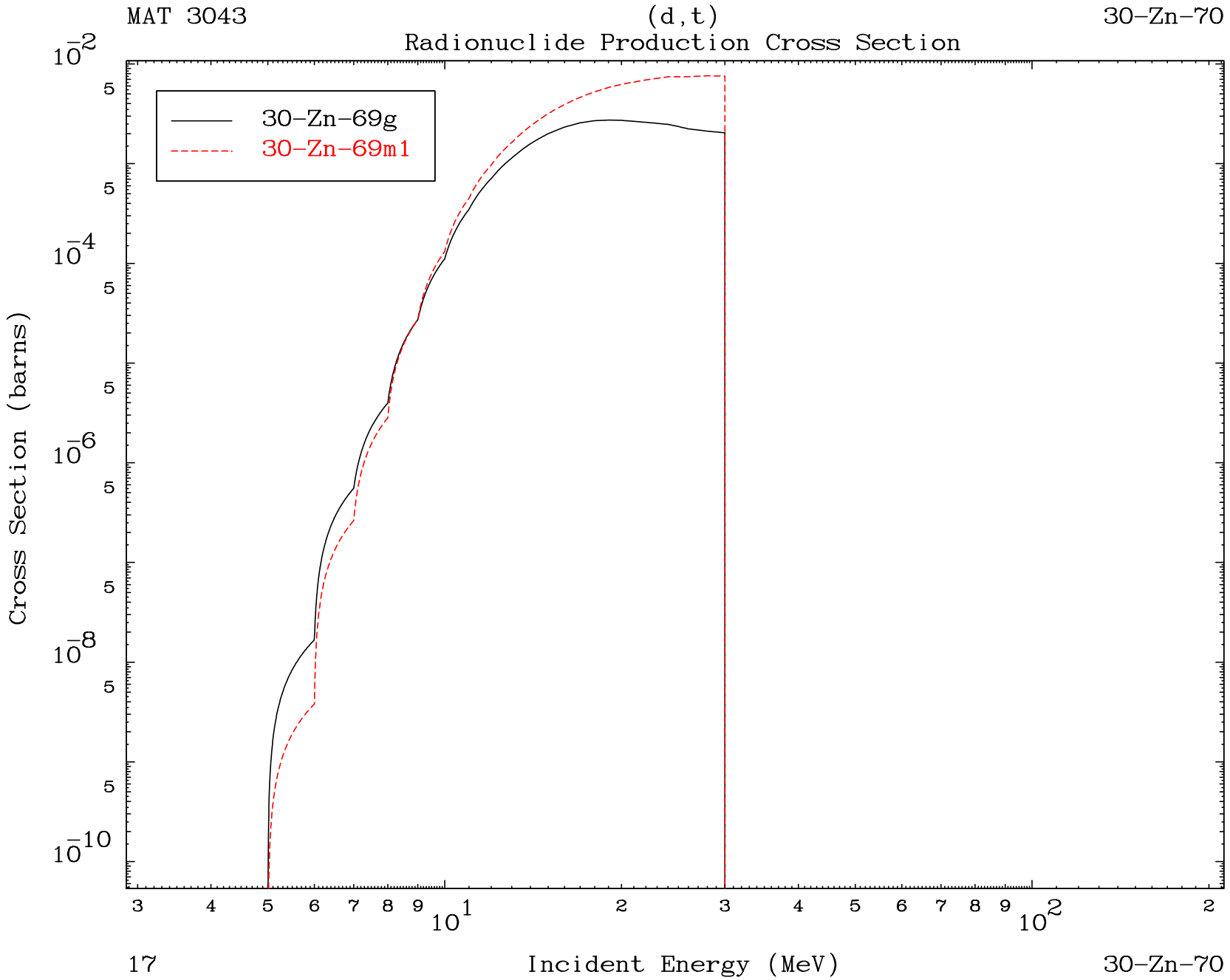

MAT 3043
(d,2n) 2α
30-Zn-70
Radionuclide Production Cross Section
27-Co-62g
27-Co-62m1
Cross Section (barns)
10-10
10-12
10-14
10-16
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
12
30-Zn-70

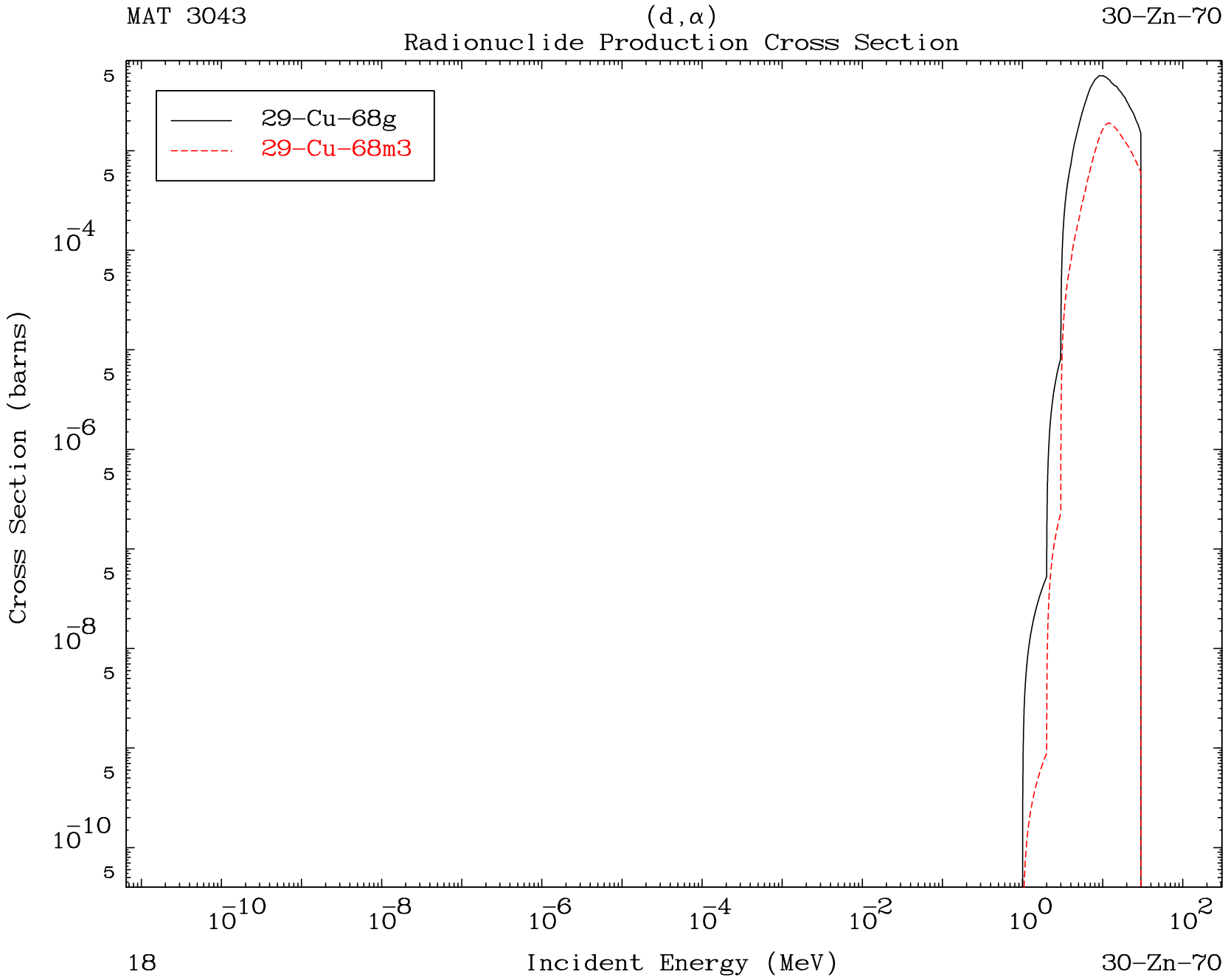

MAT 3043
(d,n') d
30-Zn-70
Radionuclide Production Cross Section
30-Zn-69g
30-Zn-69m1
Cross Section (barns)
Incident Energy (MeV)
13
30-Zn-70

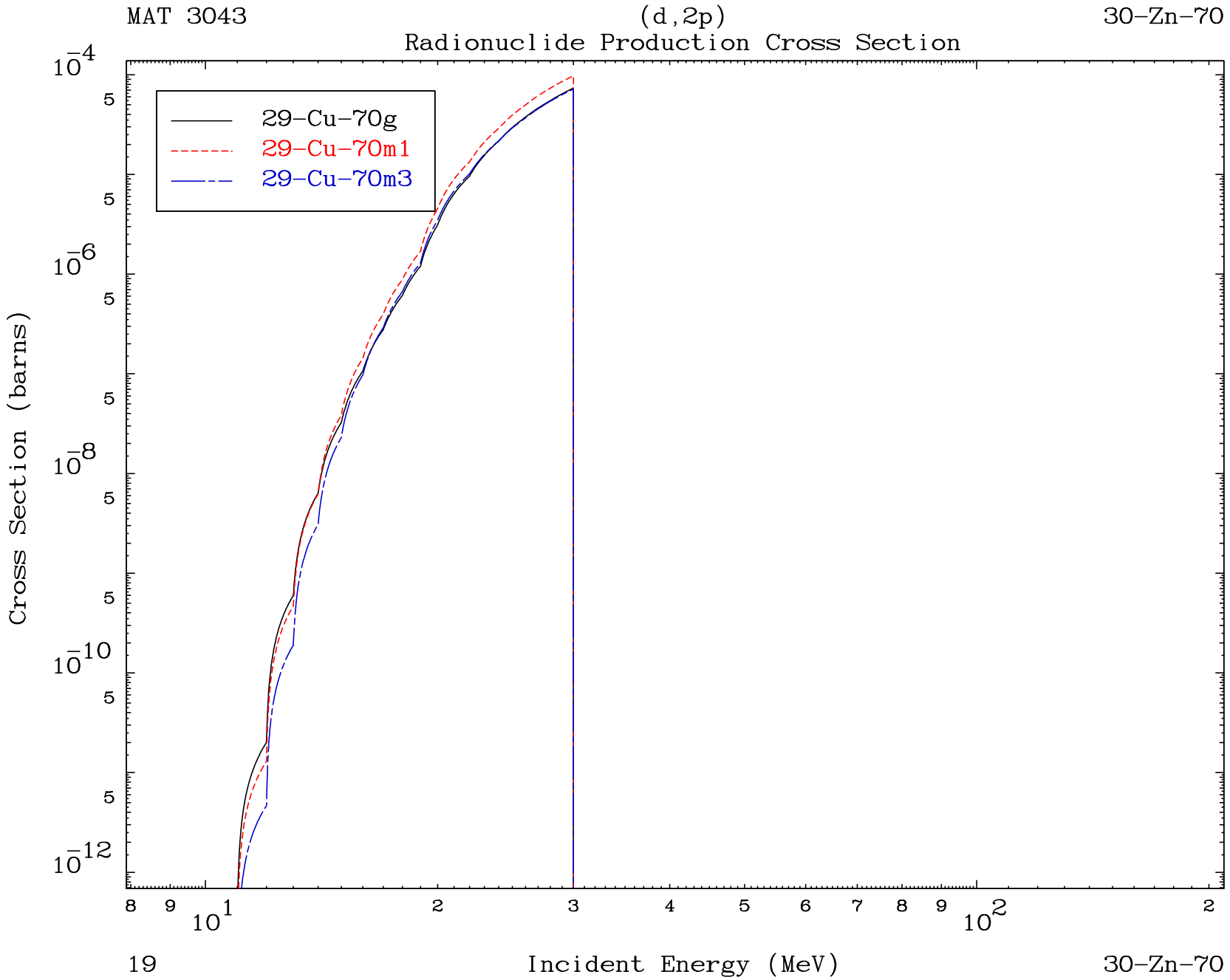

MAT 3043
(d,n') He-3
30-Zn-70
Radionuclide Production Cross Section
29-Cu-68g
29-Cu-68m3
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
14
30-Zn-70

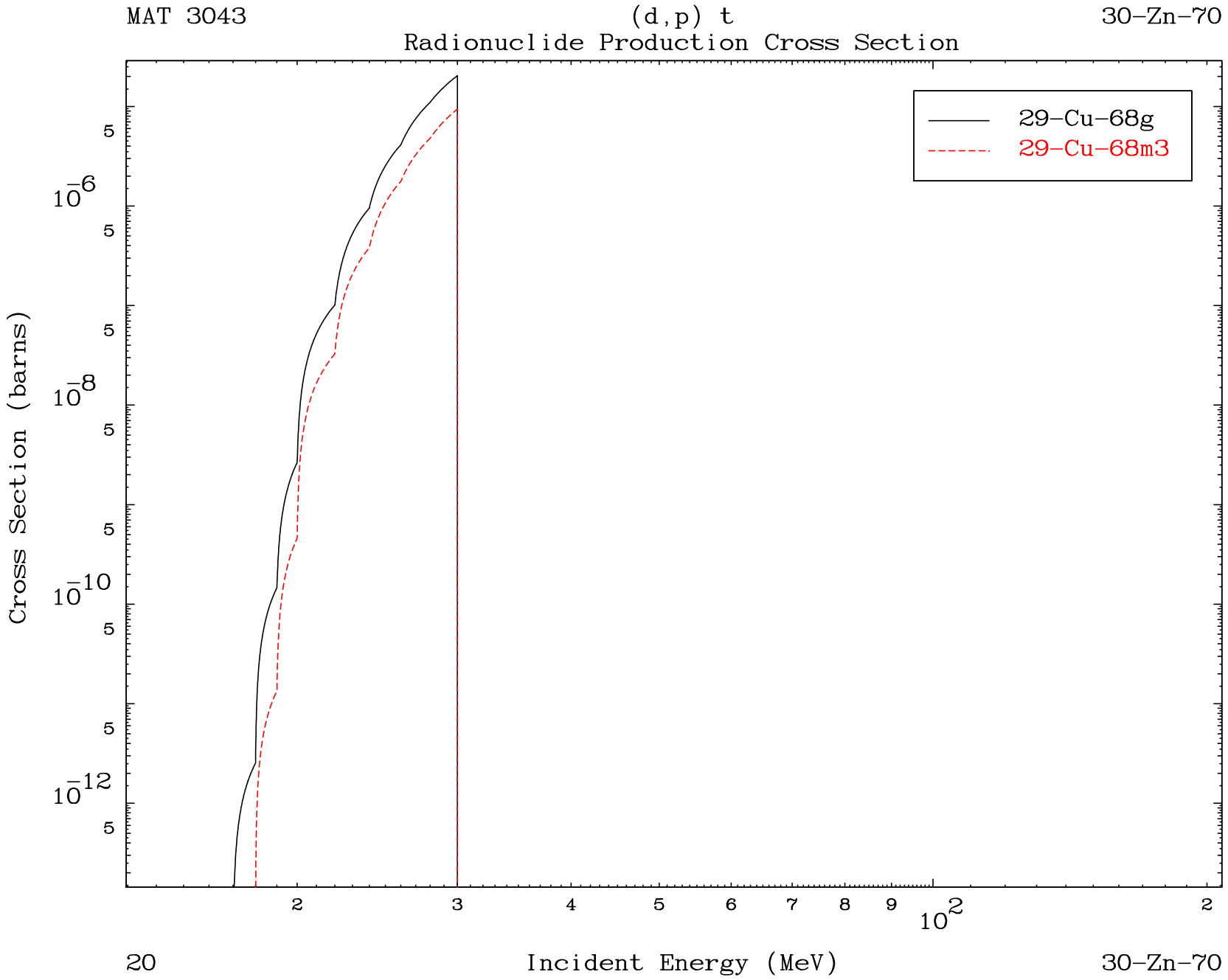

MAT 3043
(d,2n) p
30-Zn-70
Radionuclide Production Cross Section
30-Zn-69g
30-Zn-69m1
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
2
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
30-Zn-70


MAT 3043
(d,p)
30-Zn-70
Radionuclide Production Cross Section
30-Zn-71g
30-Zn-71m1
Cross Section (barns)
Incident Energy (MeV)
16
30-Zn-70


MAT 3043
(d,t)
30-Zn-70
Radionuclide Production Cross Section
30-Zn-69g
30-Zn-69m1
Cross Section (barns)
Incident Energy (MeV)
17
30-Zn-70


MAT 3043
(d,α)
30-Zn-70
Radionuclide Production Cross Section
29-Cu-68g
29-Cu-68m3
Cross Section (barns)
Incident Energy (MeV)
18
30-Zn-70


MAT 3043
(d,2p)
30-Zn-70
Radionuclide Production Cross Section
29-Cu-70g
29-Cu-70m1
29-Cu-70m3
Cross Section (barns)
Incident Energy (MeV)
19
30-Zn-70


MAT 3043
(d,p) t
30-Zn-70
Radionuclide Production Cross Section
29-Cu-68g
29-Cu-68m3
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
20
Incident Energy (MeV)
30-Zn-70