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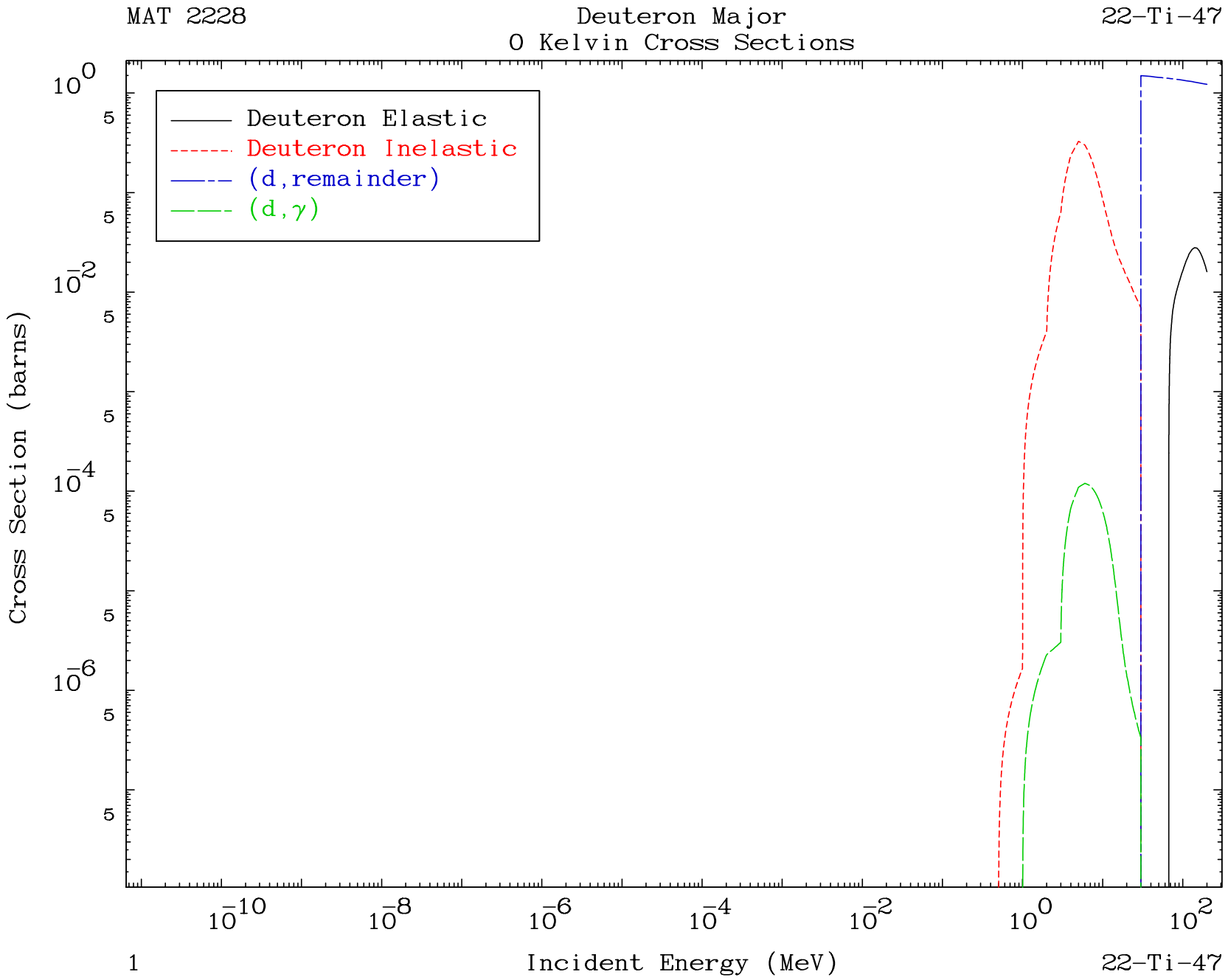
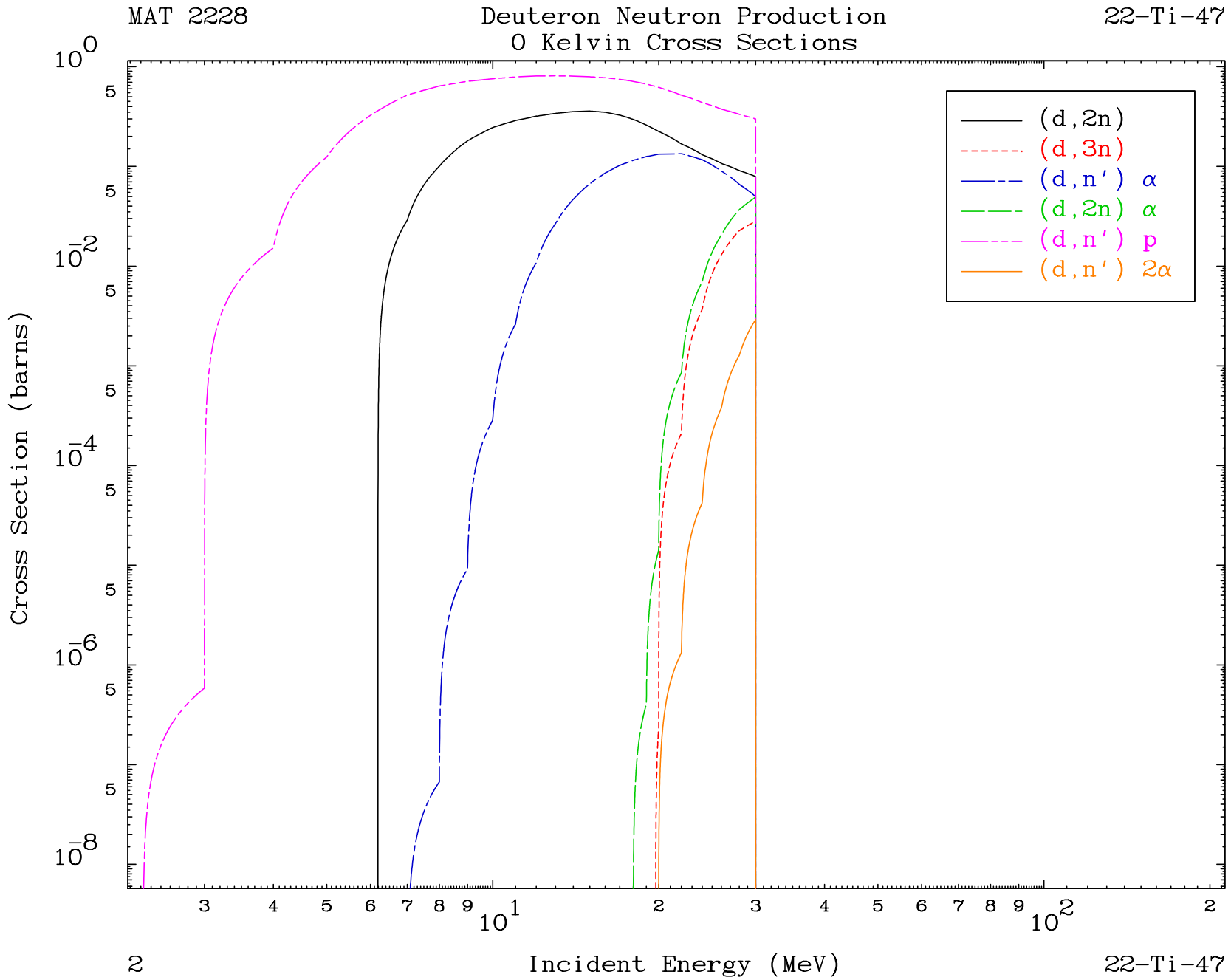
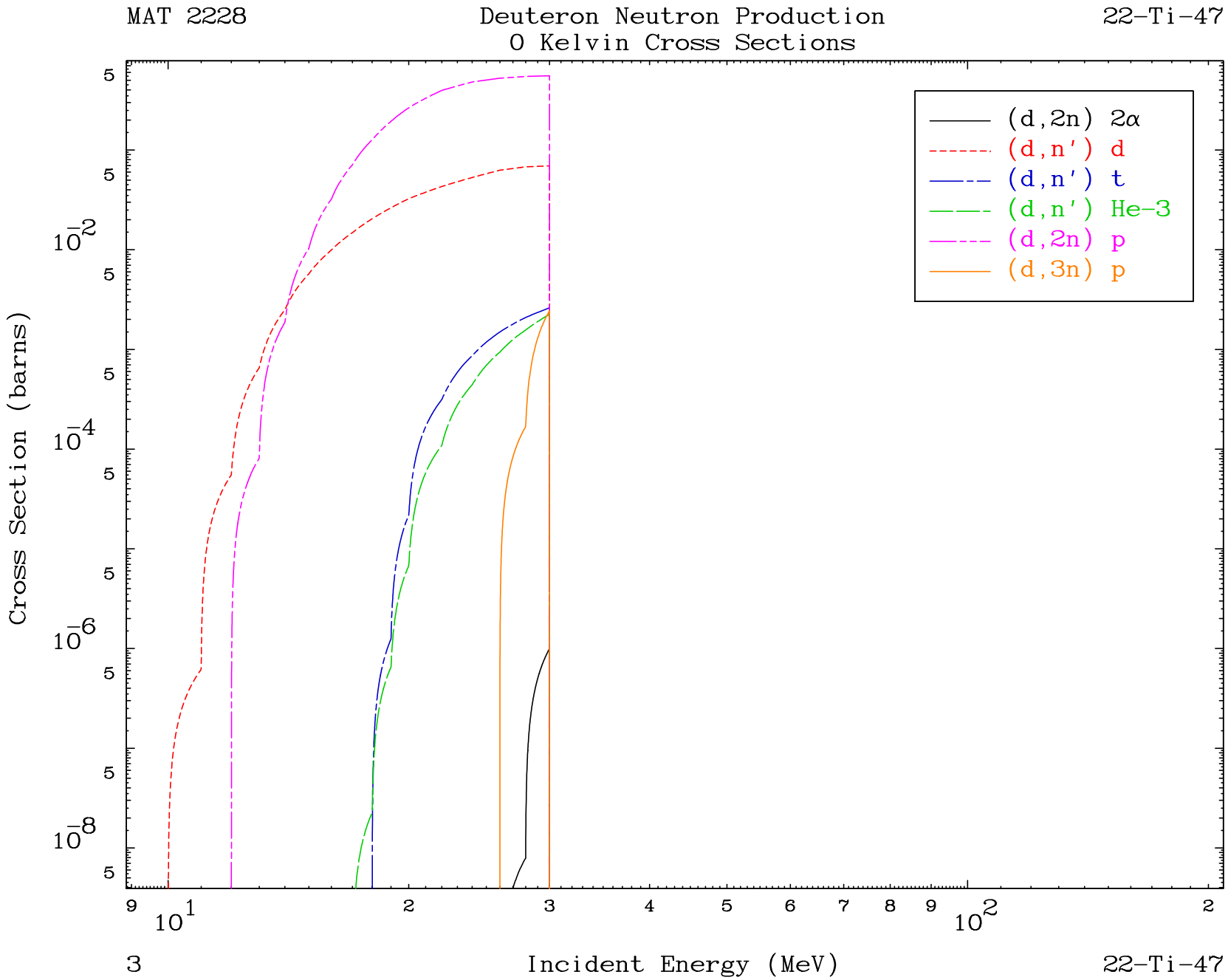
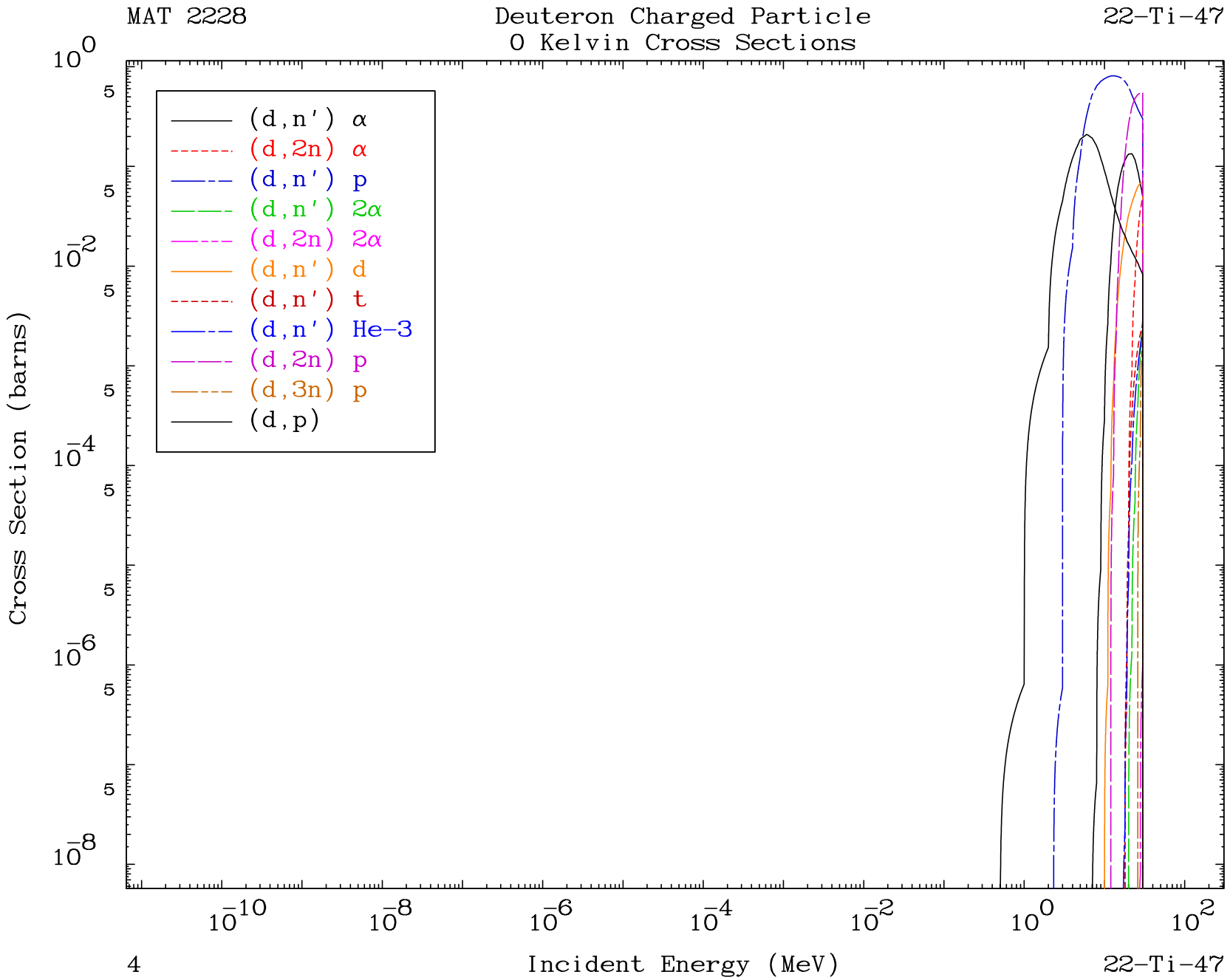
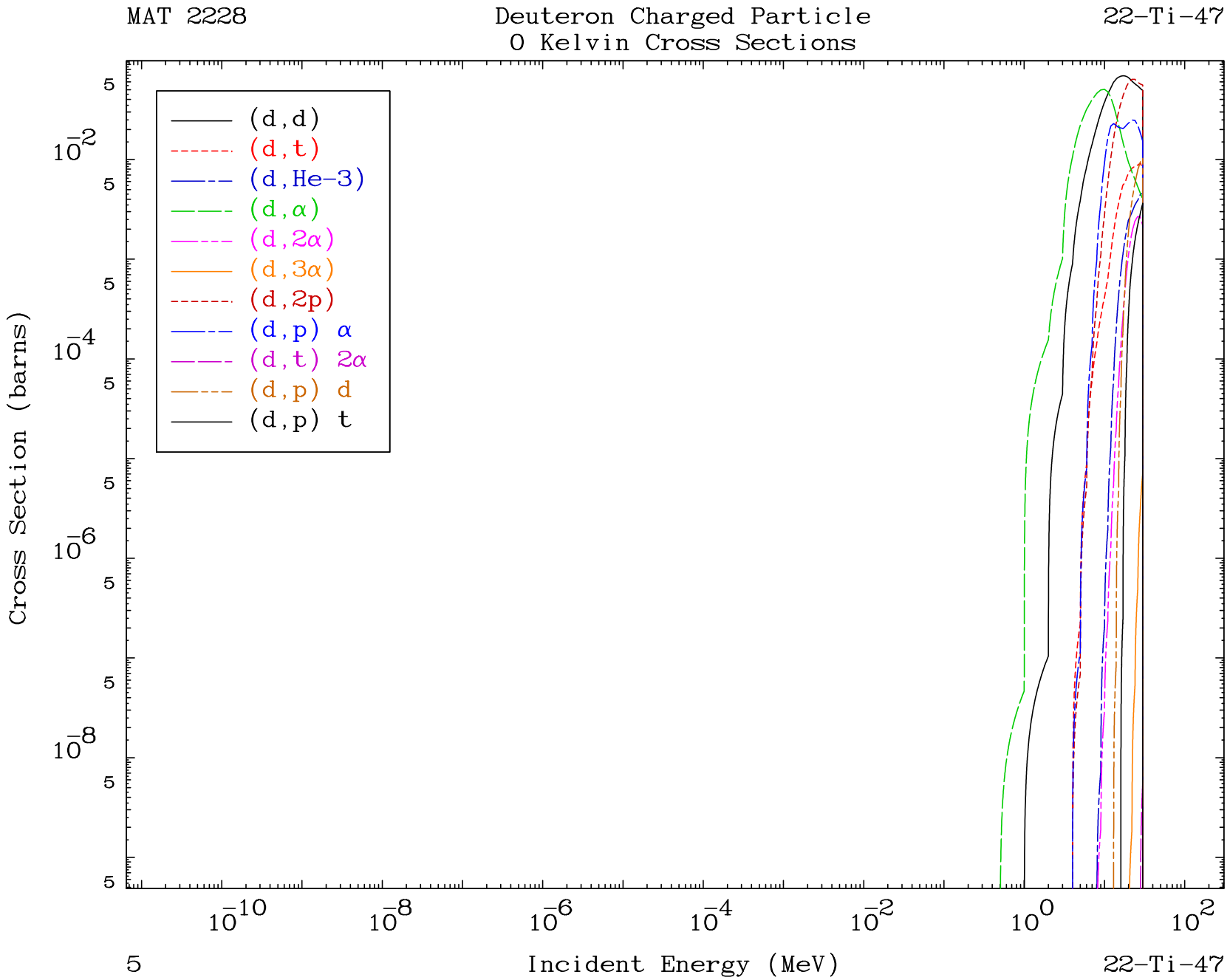
Press Mouse Button to Start

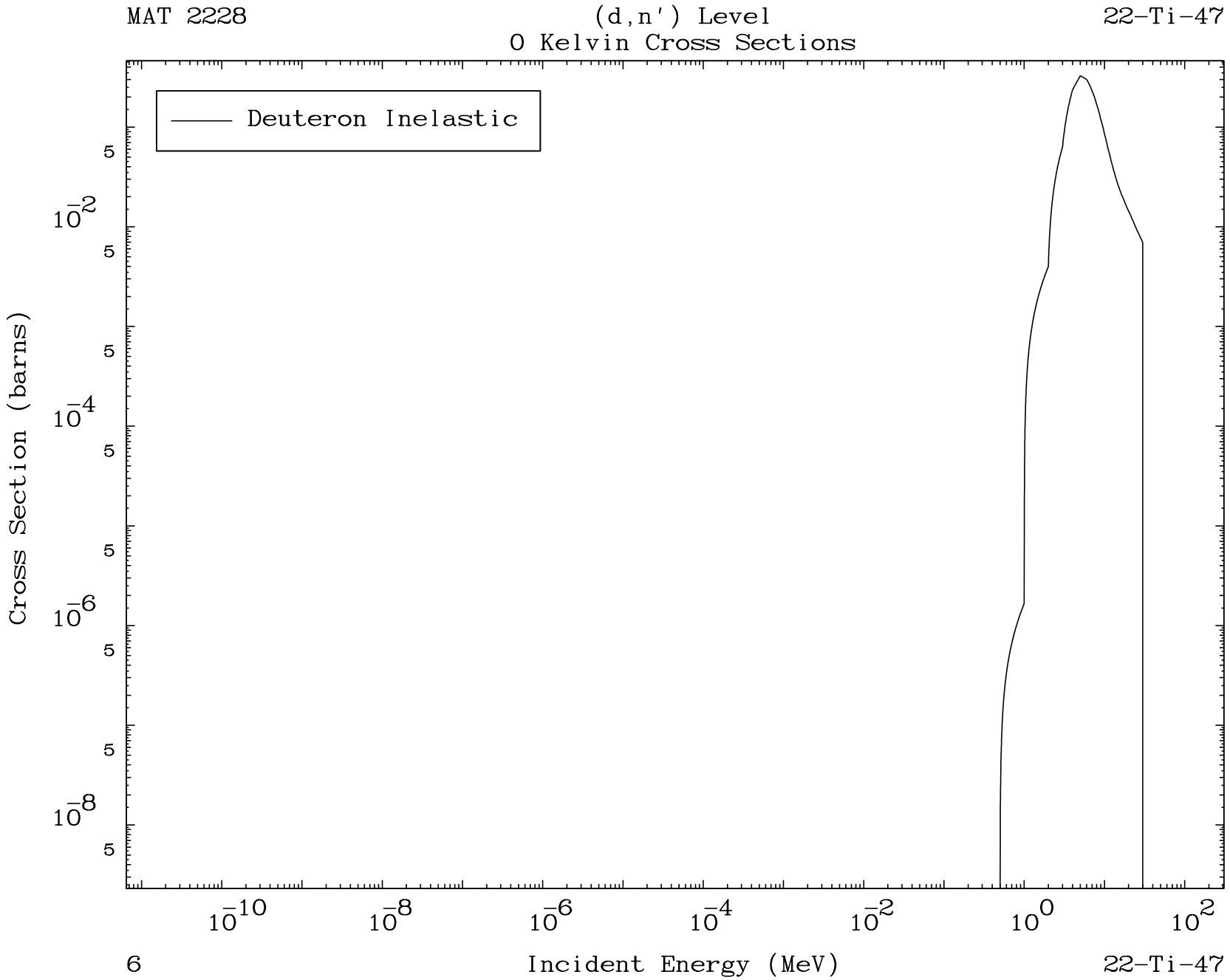

MAT 2228
Deuteron Major
22-Ti-47
0 Kelvin Cross Sections
Deuteron Elastic
Deuteron Inelastic
(d,remainder)
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
1
22-Ti-47

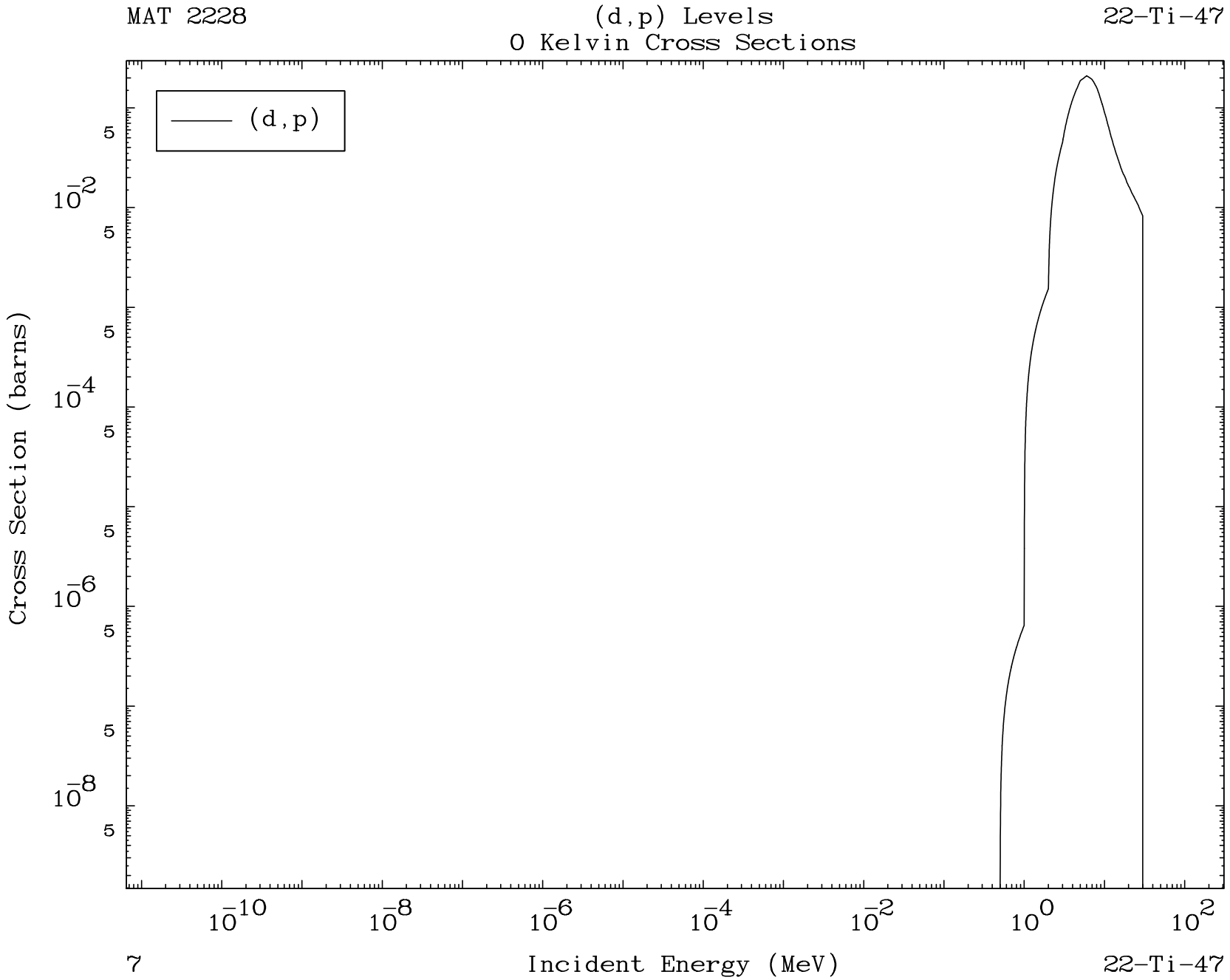

MAT 2228
Deuteron Neutron Production
0 Kelvin Cross Sections
22-Ti-47
Cross Section (barns)
Incident Energy (MeV)
22-Ti-47
(d,2n)
(d,3n)
(d,n') α
(d,2n) α
(d,n') p
(d,n') 2α

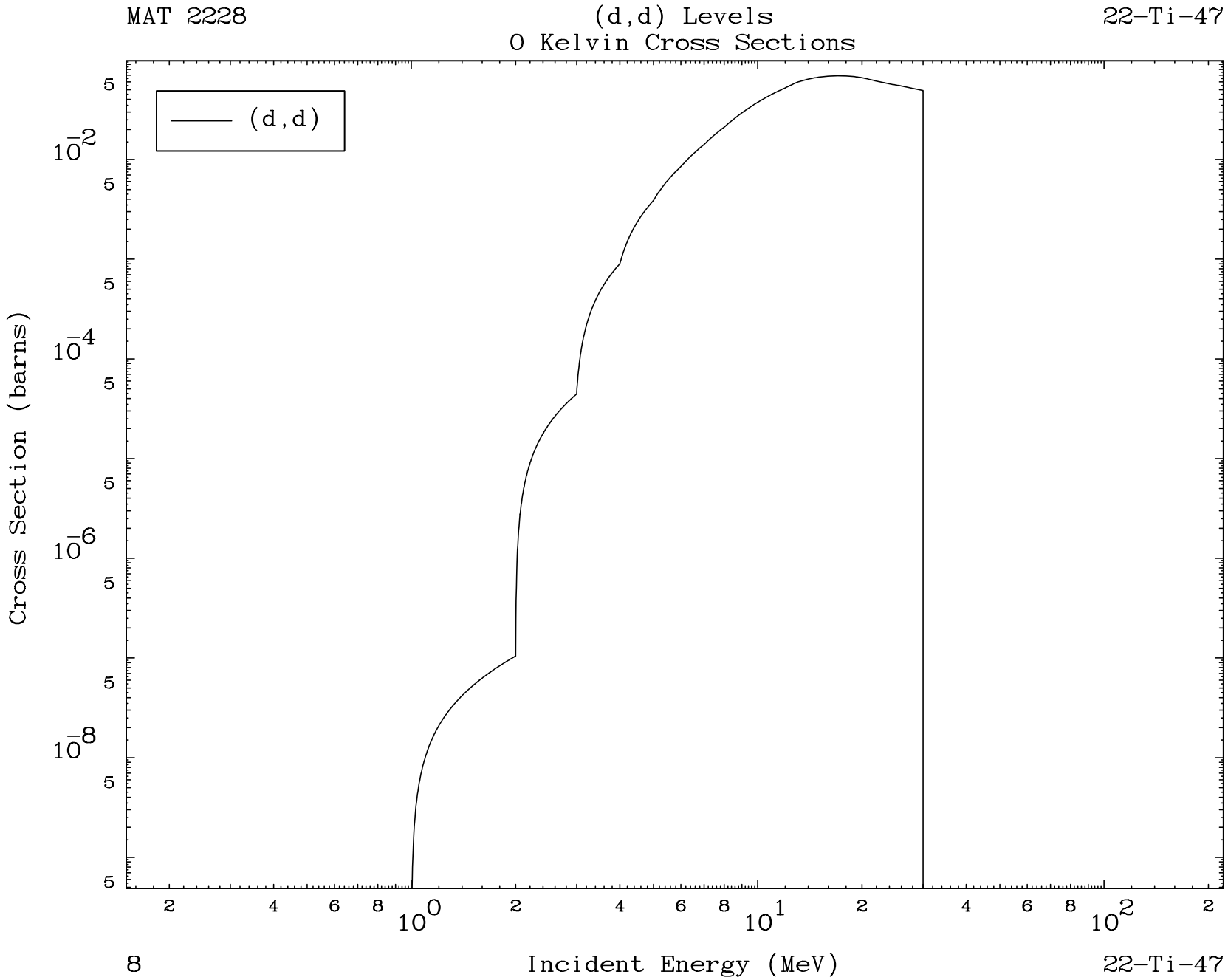

MAT 2228
Deuteron Neutron Production
0 Kelvin Cross Sections
22-Ti-47
(d,2n) 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
22-Ti-47
3

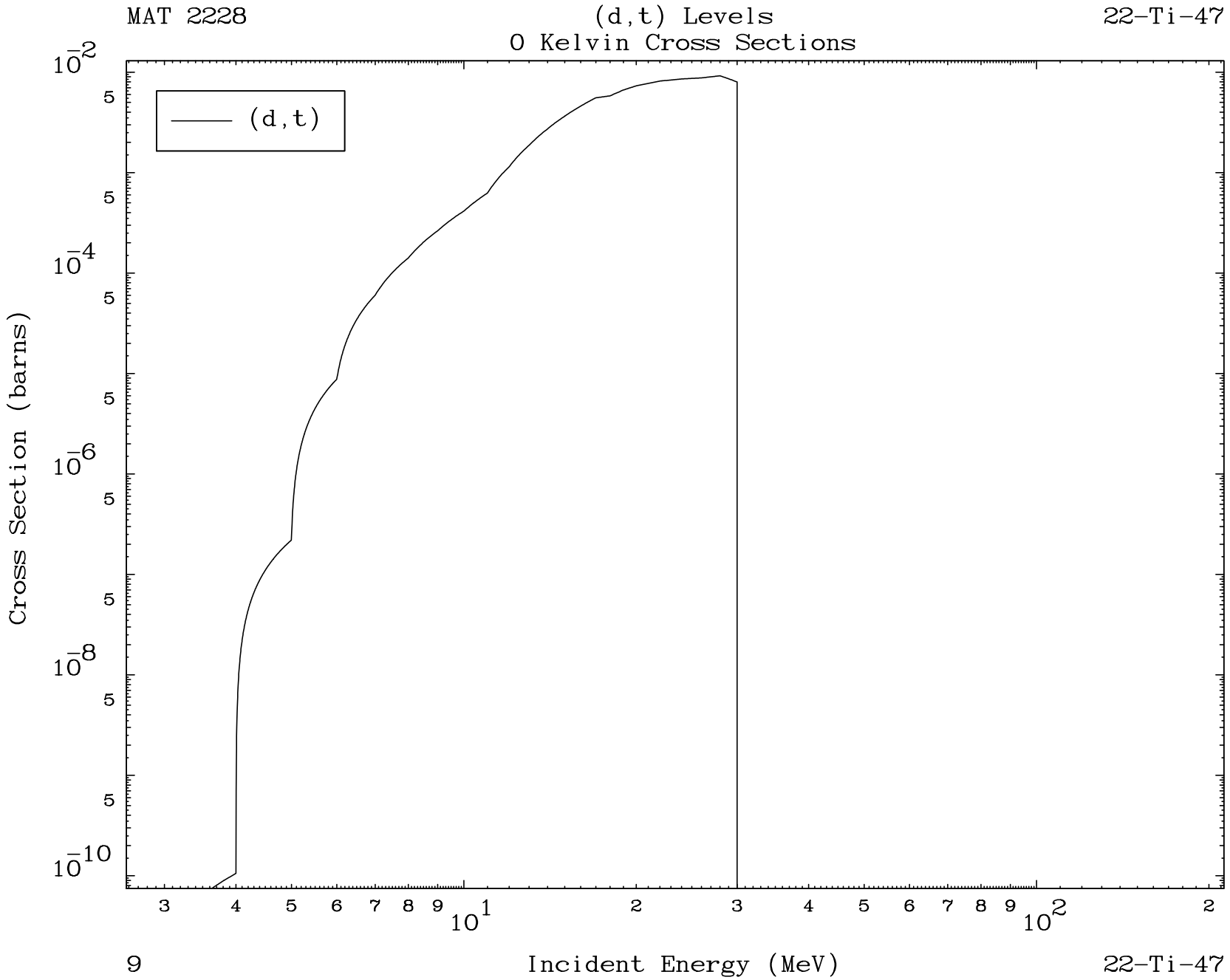

MAT 2228
Deuteron Charged Particle
0 Kelvin Cross Sections
22-Ti-47
(d,n') α
(d,2n) α
(d,n') p
(d,n') 2α
(d,2n) 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
(d,p)
Cross Section (barns)
Incident Energy (MeV)
4
22-Ti-47

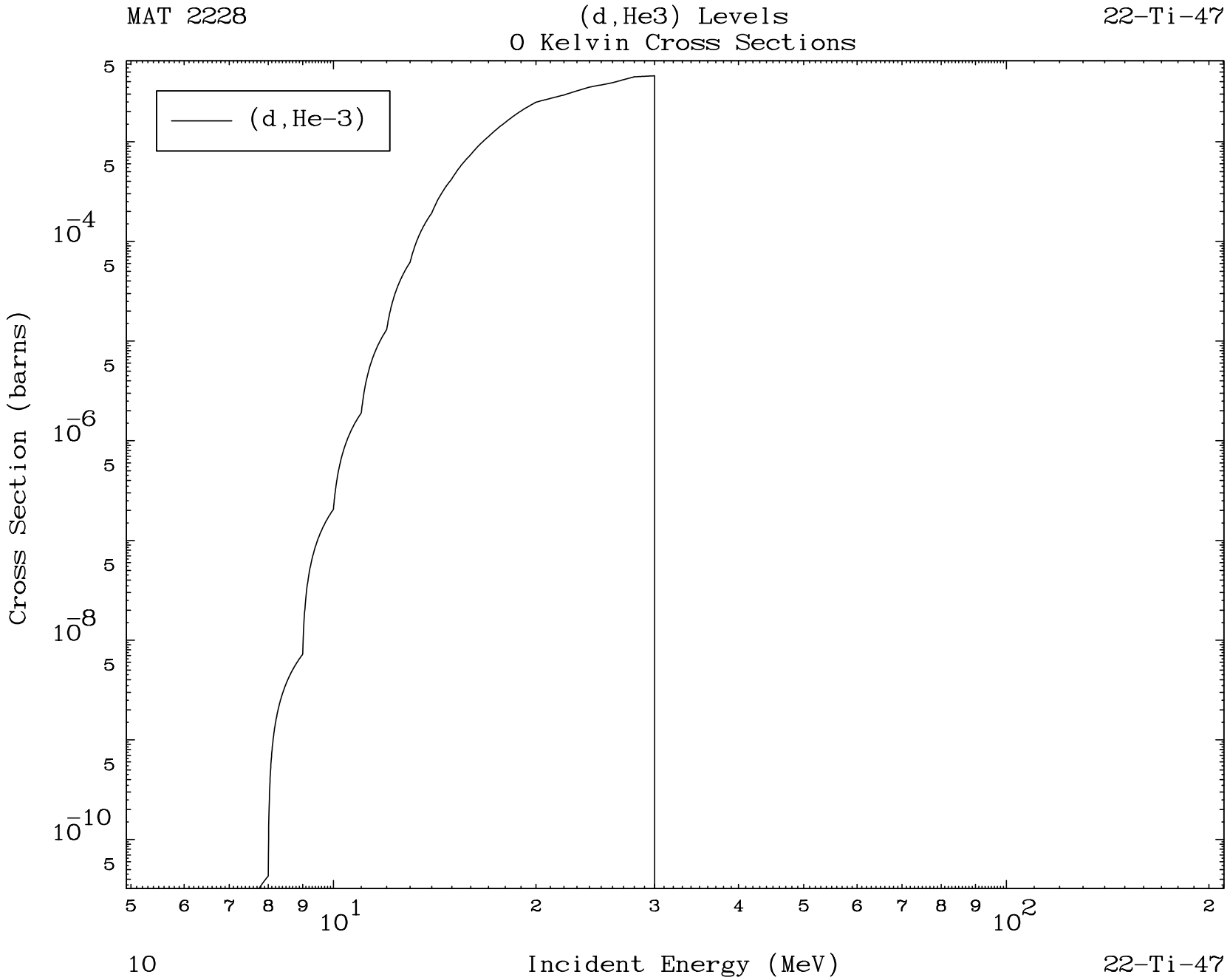

MAT 2228
Deuteron Charged Particle
0 Kelvin Cross Sections
22-Ti-47
(d,d)
(d,t)
(d,He-3)
(d,α)
(d,2α)
(d,3α)
(d,2p)
(d,p) α
(d,t) 2α
(d,p) d
(d,p) t
Cross Section (barns)
Incident Energy (MeV)
22-Ti-47

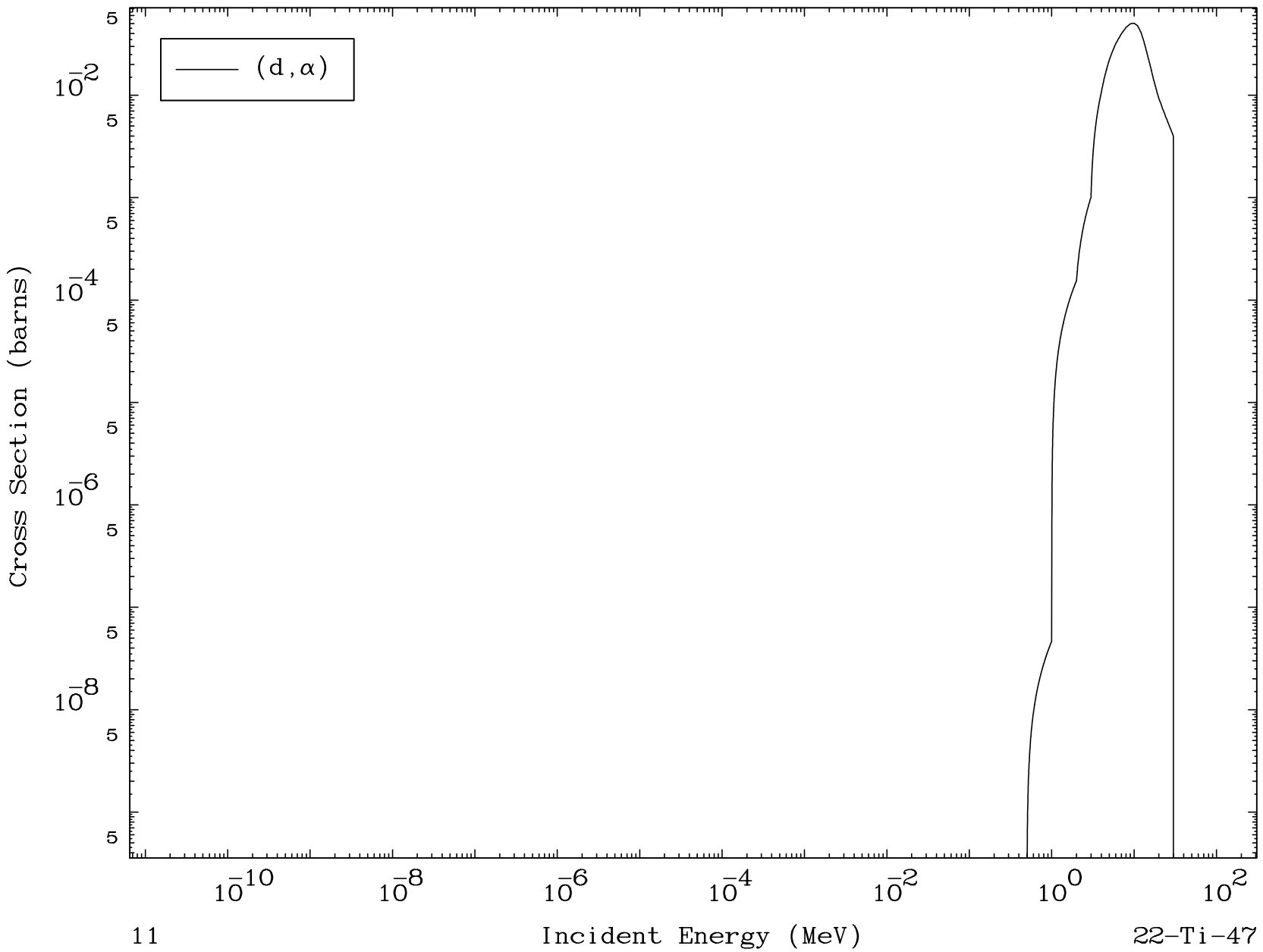

MAT 2228
(d,n') Level
22-Ti-47
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
22-Ti-47

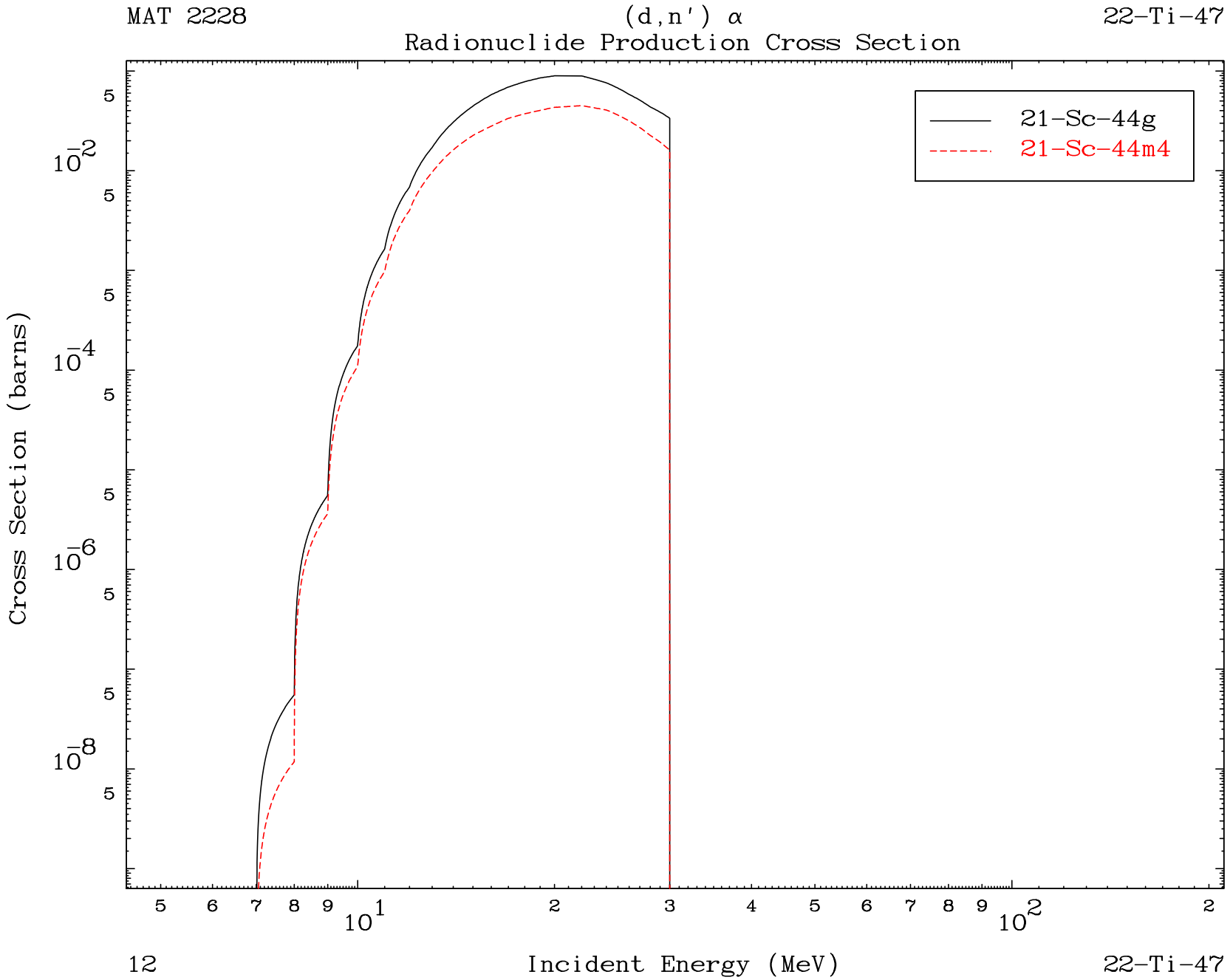

MAT 2228
(d,p) Levels
22-Ti-47
0 Kelvin Cross Sections
(d,p)
Cross Section (barns)
Incident Energy (MeV)
7
22-Ti-47

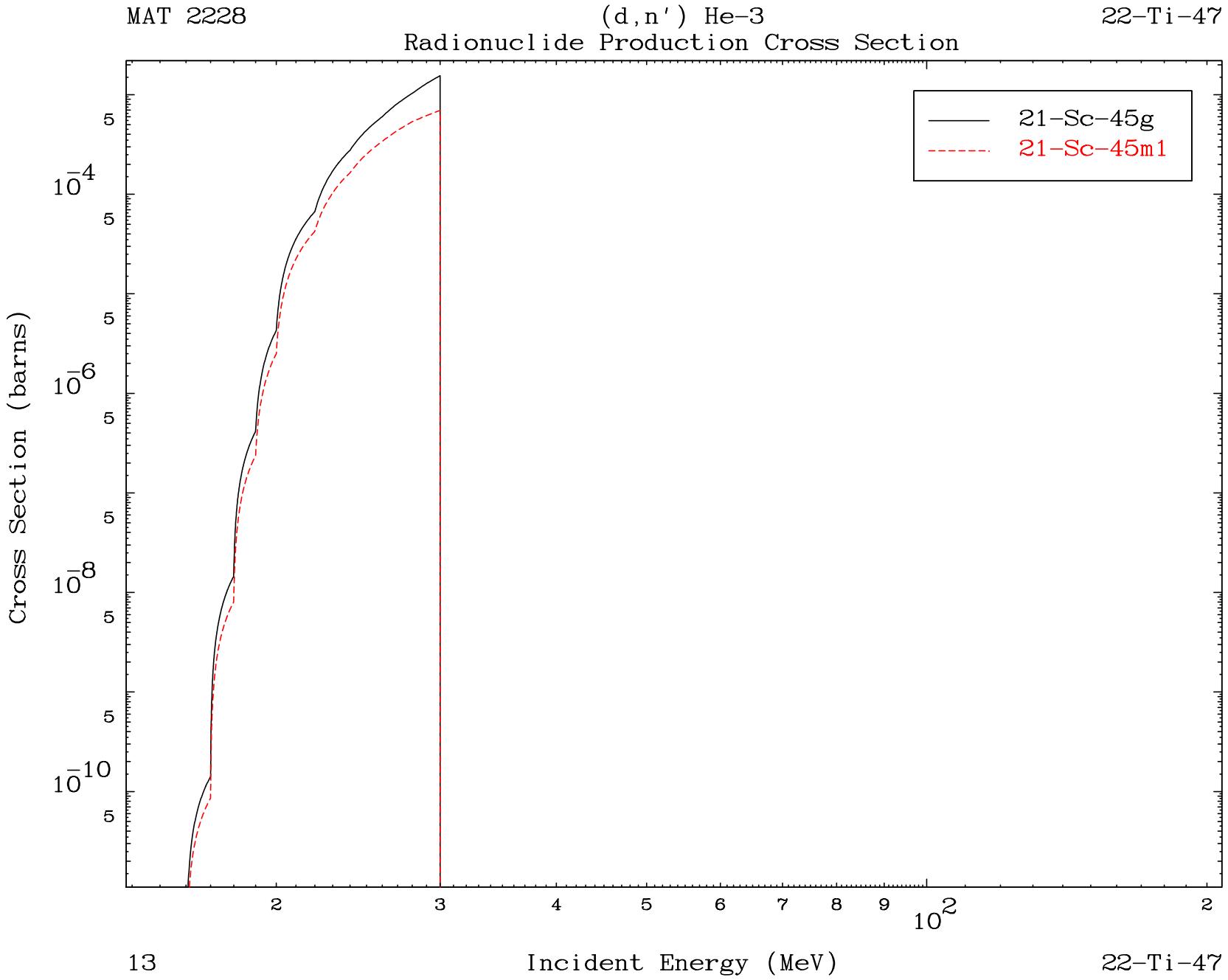

MAT 2228
(d,d) Levels
22-Ti-47
0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
Incident Energy (MeV)
22-Ti-47

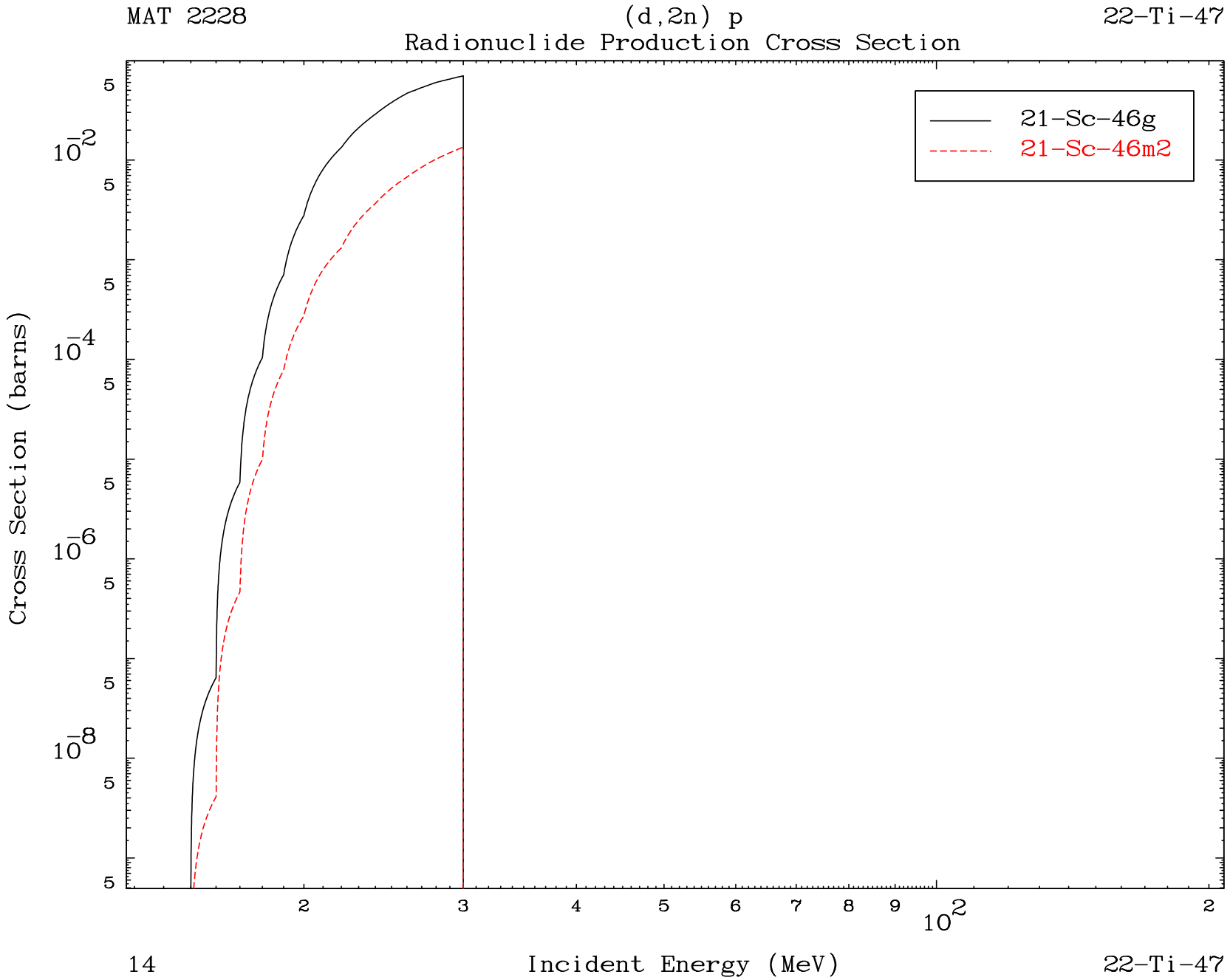

MAT 2228
(d,t) Levels
22-Ti-47
0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
Incident Energy (MeV)
9
22-Ti-47

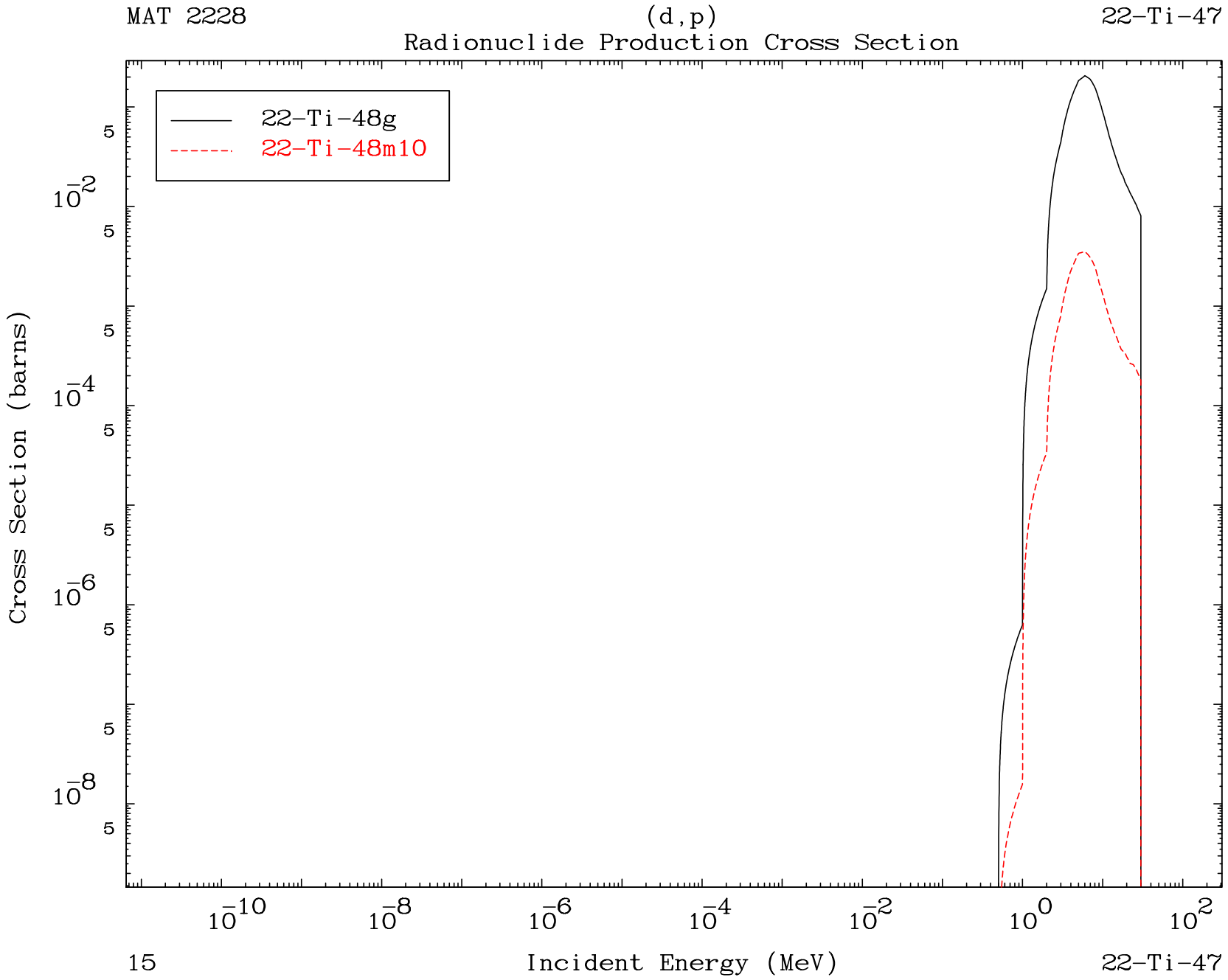

MAT 2228
(d,He3) Levels
22-Ti-47
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
Incident Energy (MeV)
22-Ti-47

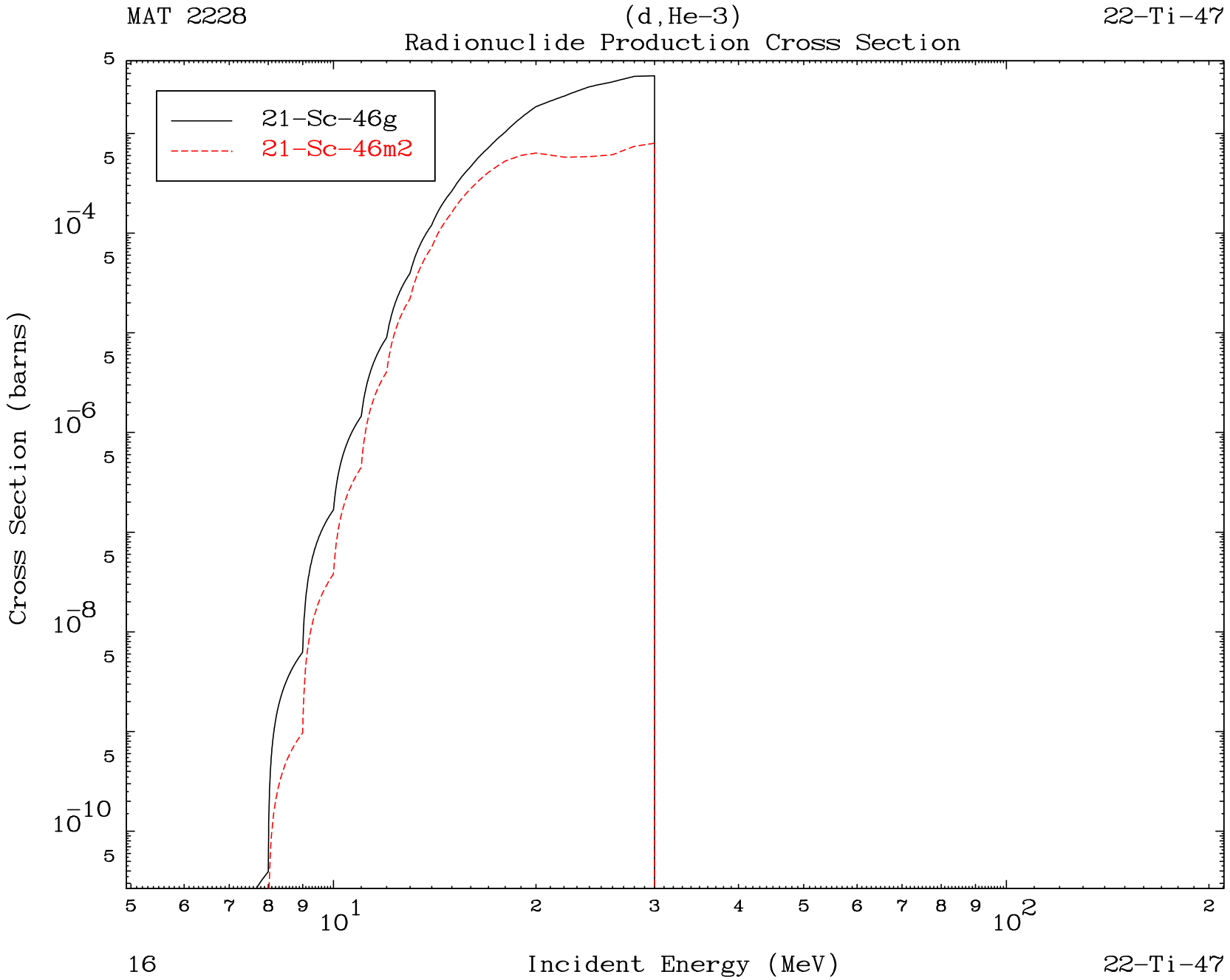

0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
Incident Energy (MeV)
10^-2
10^-4
10^-6
10^-8
10^-10
10^0
10^2

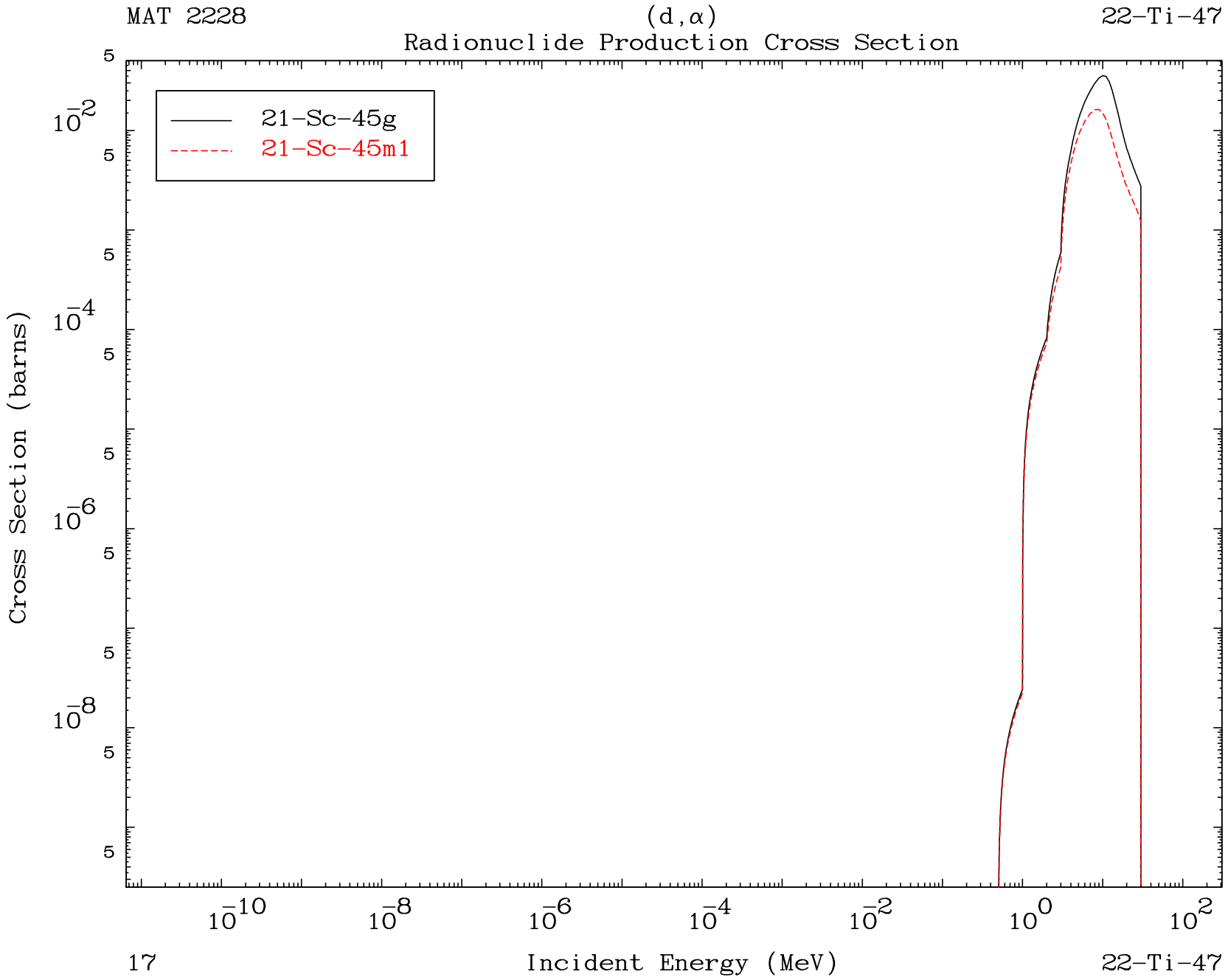

MAT 2228
(d,n') α
22-Ti-47
Radionuclide Production Cross Section
21-Sc-44g
21-Sc-44m4
Cross Section (barns)
Incident Energy (MeV)
12
22-Ti-47

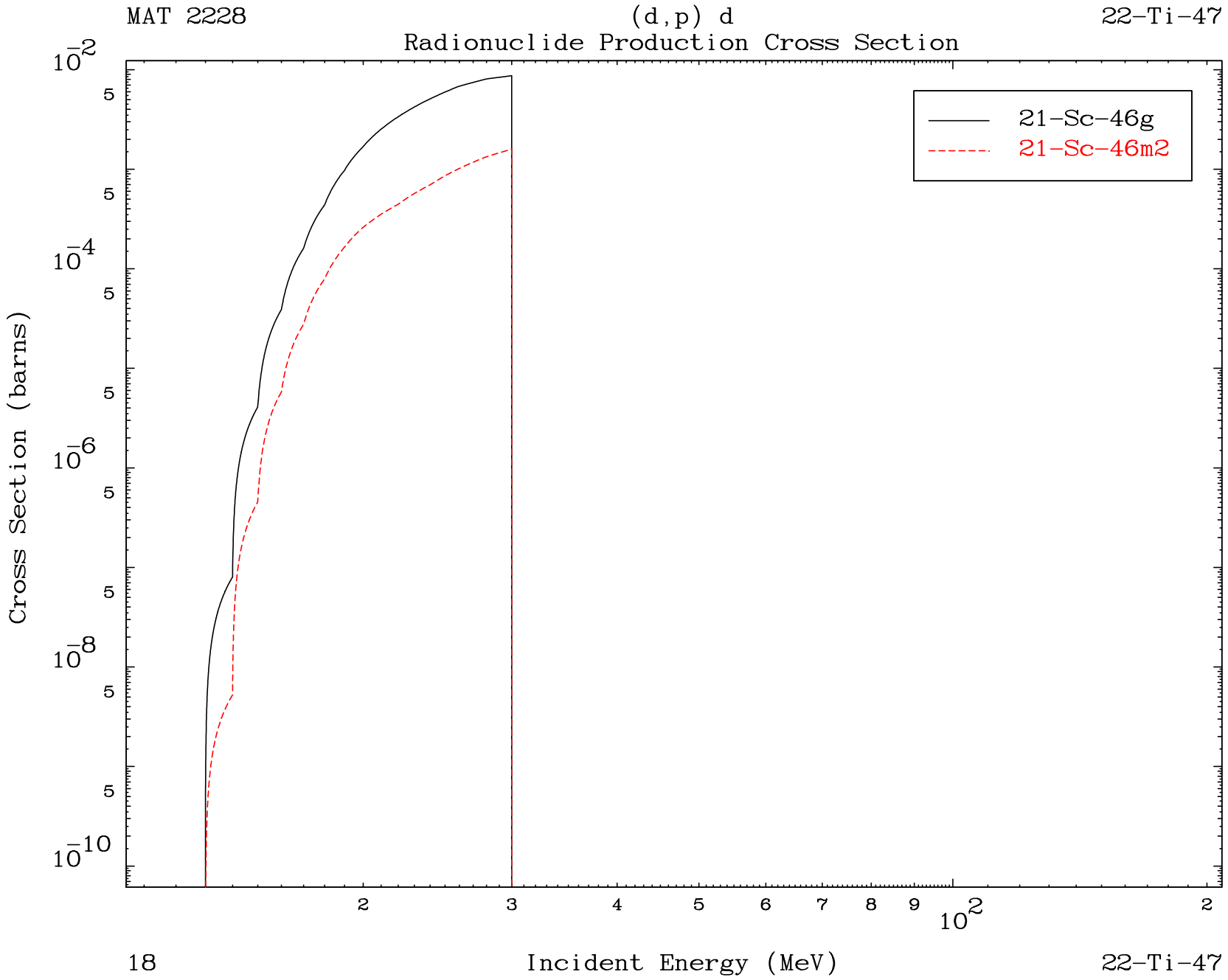

MAT 2228
(d,n') He-3
22-Ti-47
Radionuclide Production Cross Section
21-Sc-45g
21-Sc-45m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
22-Ti-47

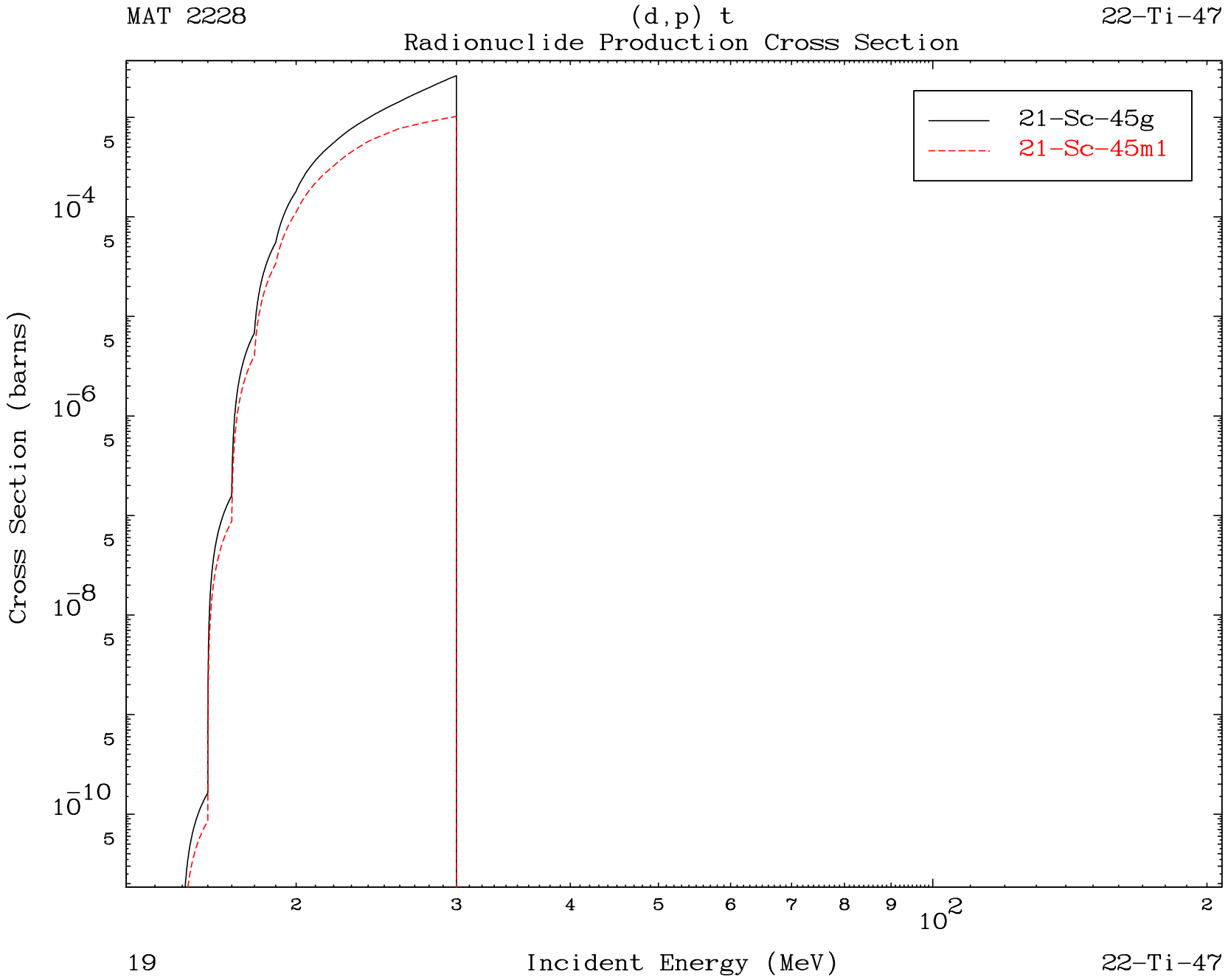

MAT 2228
(d,2n) p
22-Ti-47
Radionuclide Production Cross Section
21-Sc-46g
21-Sc-46m2
Cross Section (barns)
10-2
10-4
10-6
10-8
2
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
22-Ti-47


MAT 2228
(d,p)
22-Ti-47
Radionuclide Production Cross Section
22-Ti-48g
22-Ti-48m10
Cross Section (barns)
Incident Energy (MeV)
15
22-Ti-47


MAT 2228
(d,He-3)
22-Ti-47
Radionuclide Production Cross Section
21-Sc-46g
21-Sc-46m2
Cross Section (barns)
Incident Energy (MeV)
16
22-Ti-47


MAT 2228
(d,α)
22-Ti-47
Radionuclide Production Cross Section
21-Sc-45g
21-Sc-45m1
Cross Section (barns)
Incident Energy (MeV)
17
22-Ti-47


MAT 2228
(d,p) d
22-Ti-47
Radionuclide Production Cross Section
21-Sc-46g
21-Sc-46m2
Cross Section (barns)
Incident Energy (MeV)
18
22-Ti-47


MAT 2228
(d,p) t
22-Ti-47
Radionuclide Production Cross Section
21-Sc-45g
21-Sc-45m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
19
Incident Energy (MeV)
22-Ti-47