Program EVALPLOT
(Version 2021-1)
by
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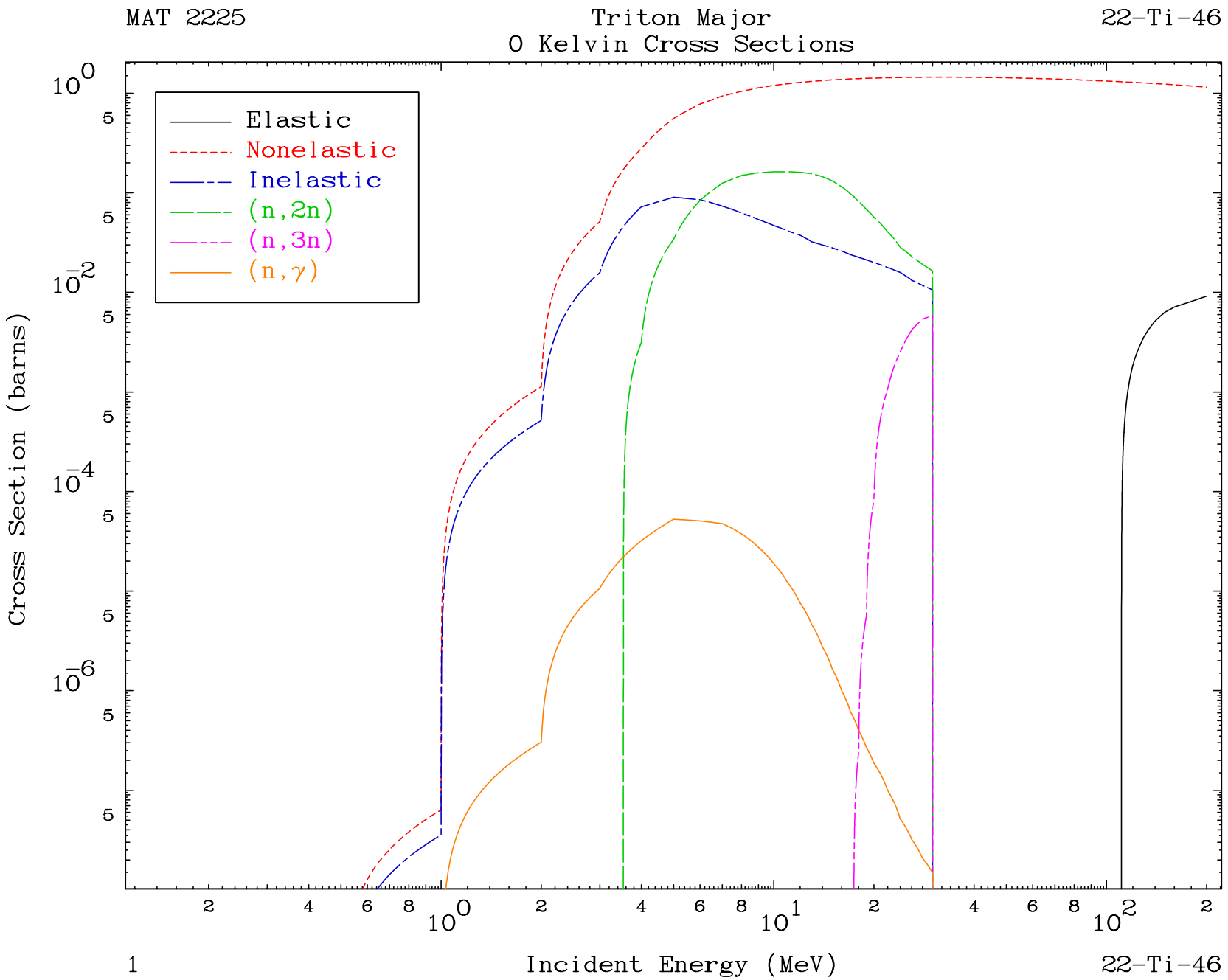
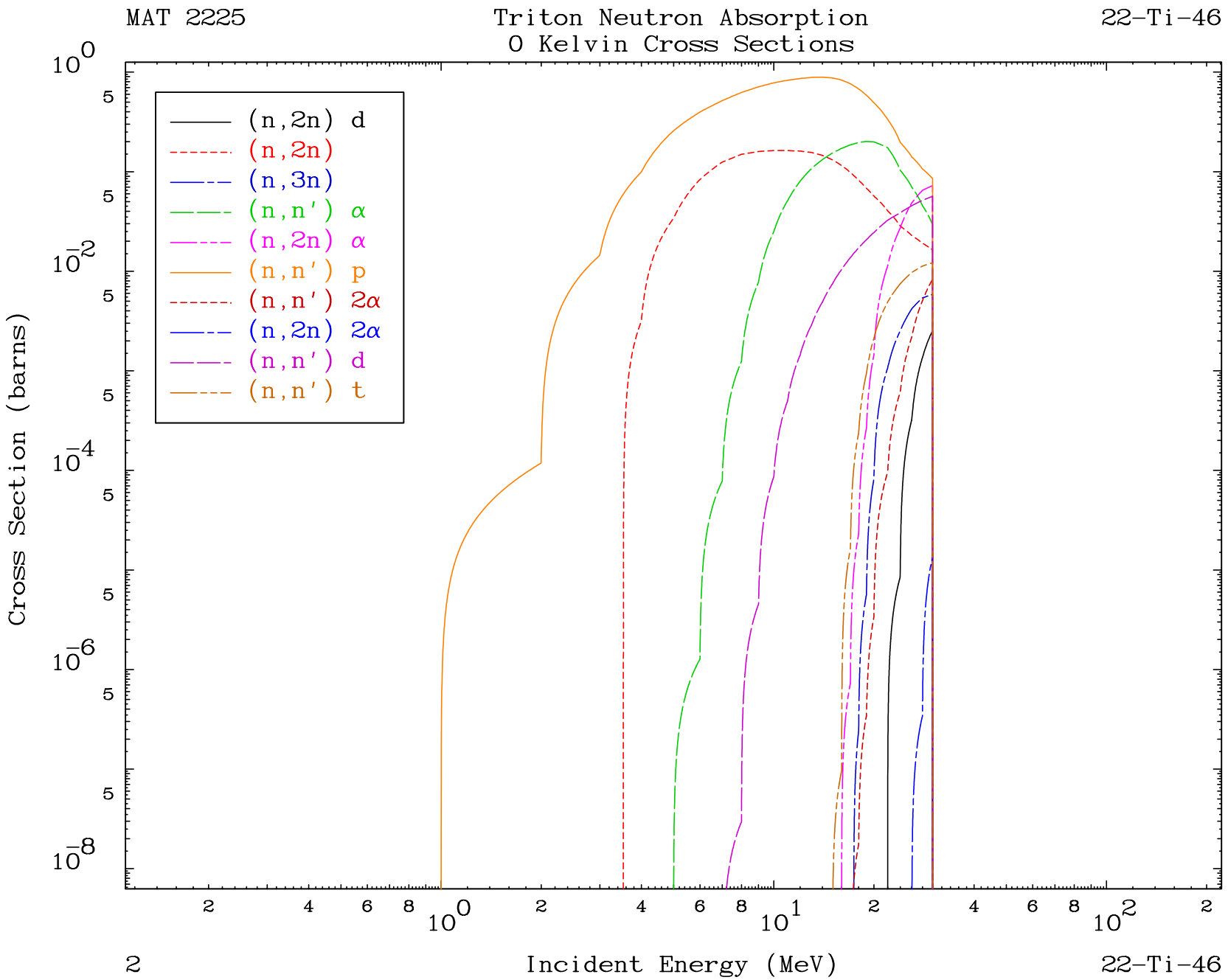
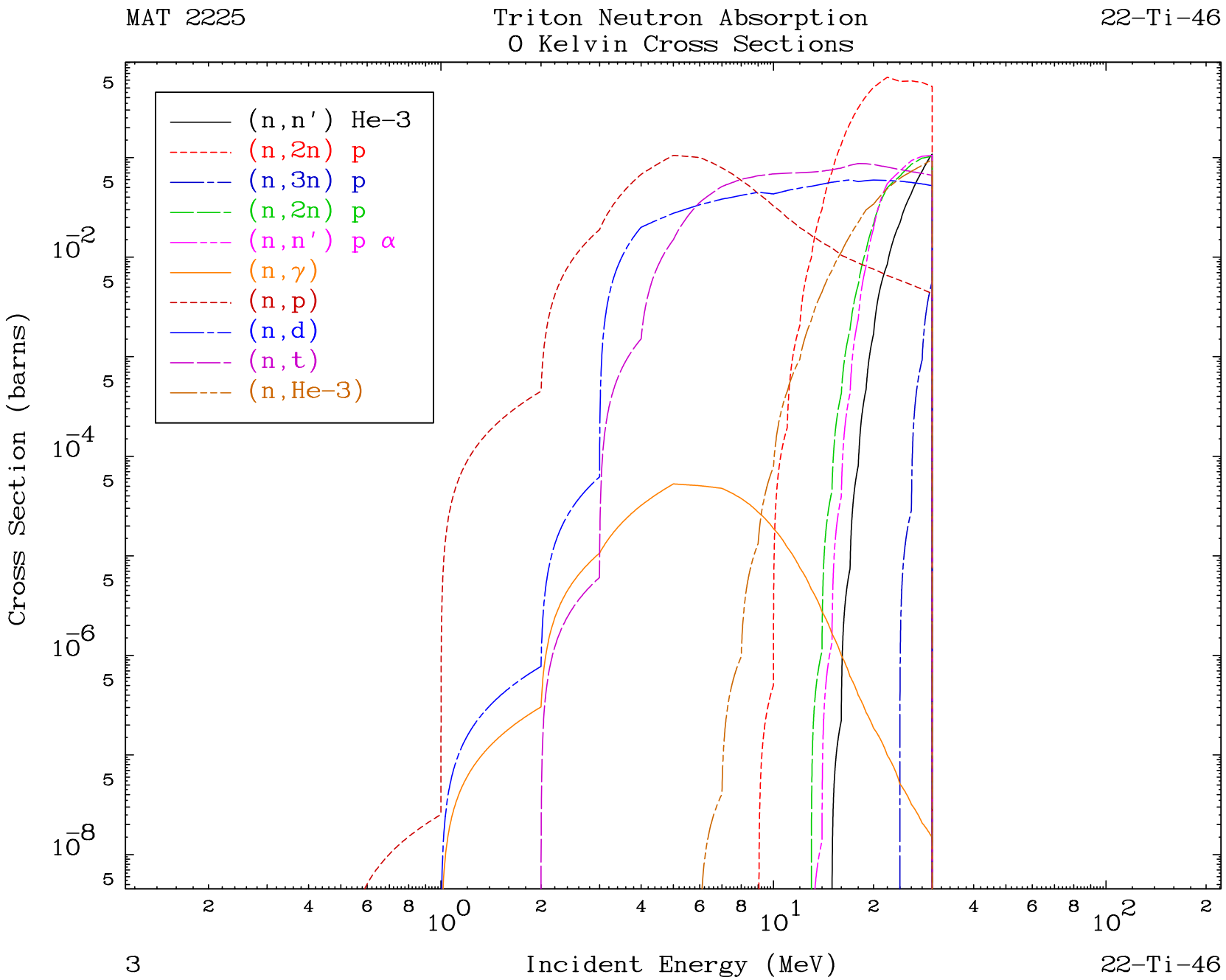
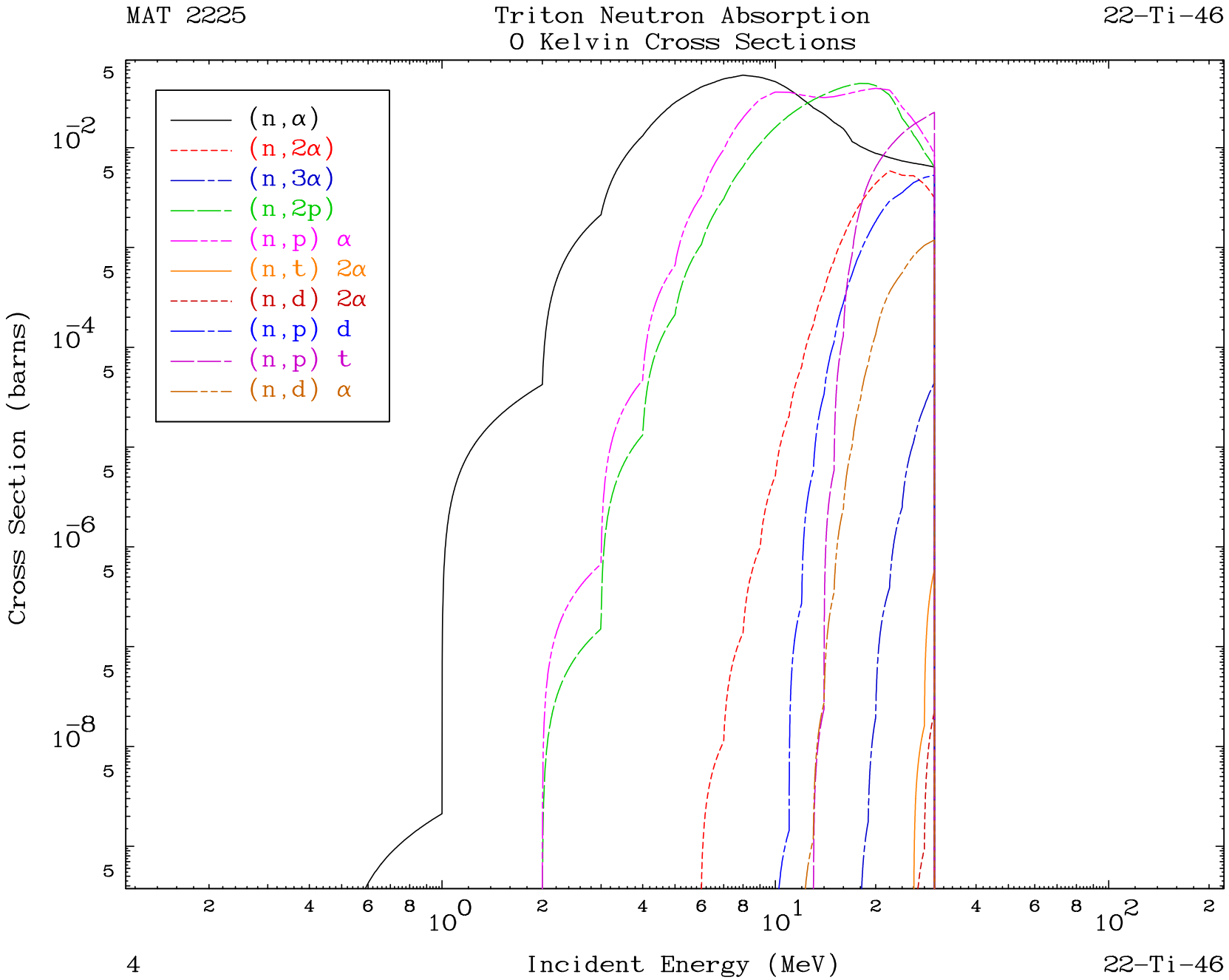
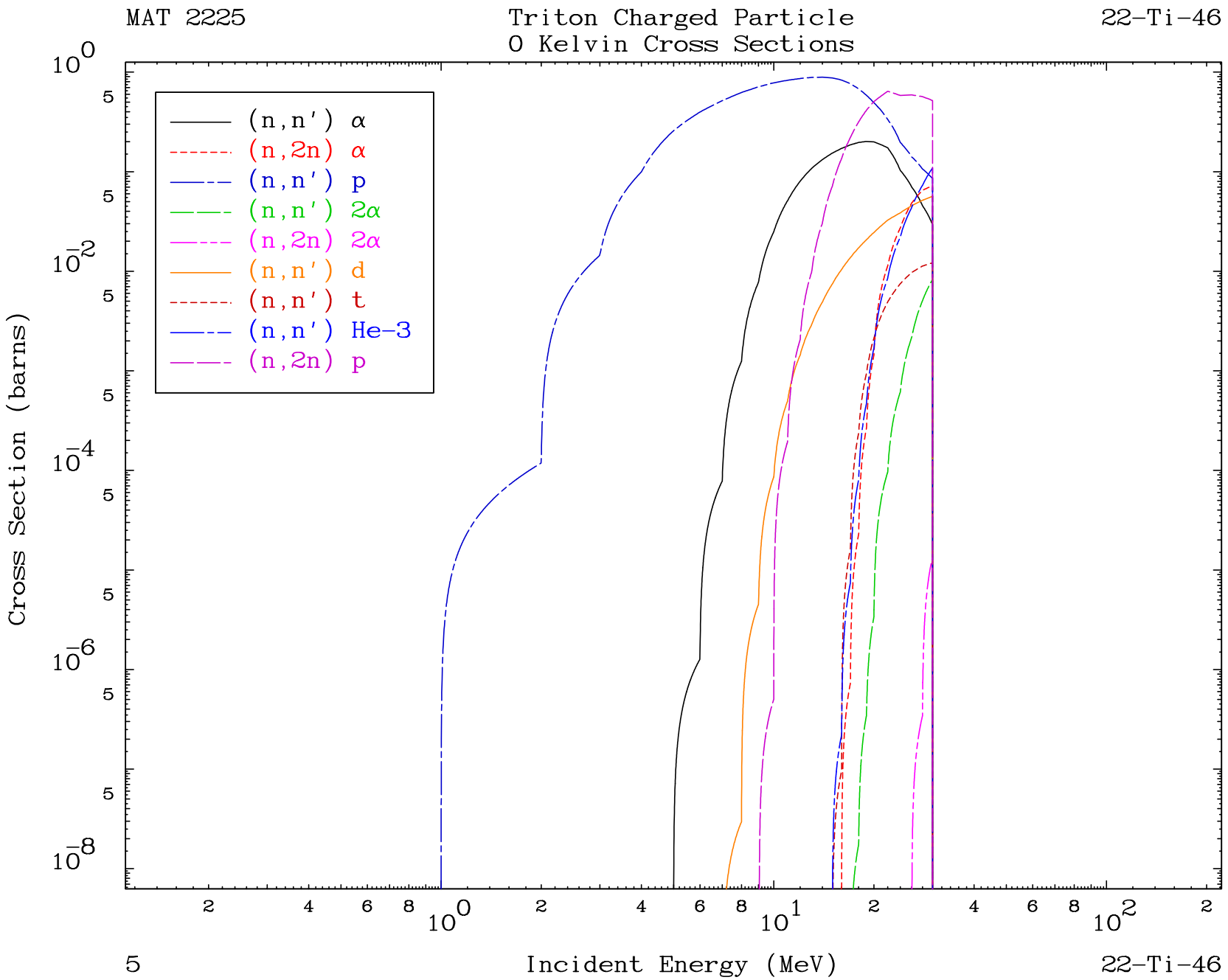
Press Mouse Button to Start

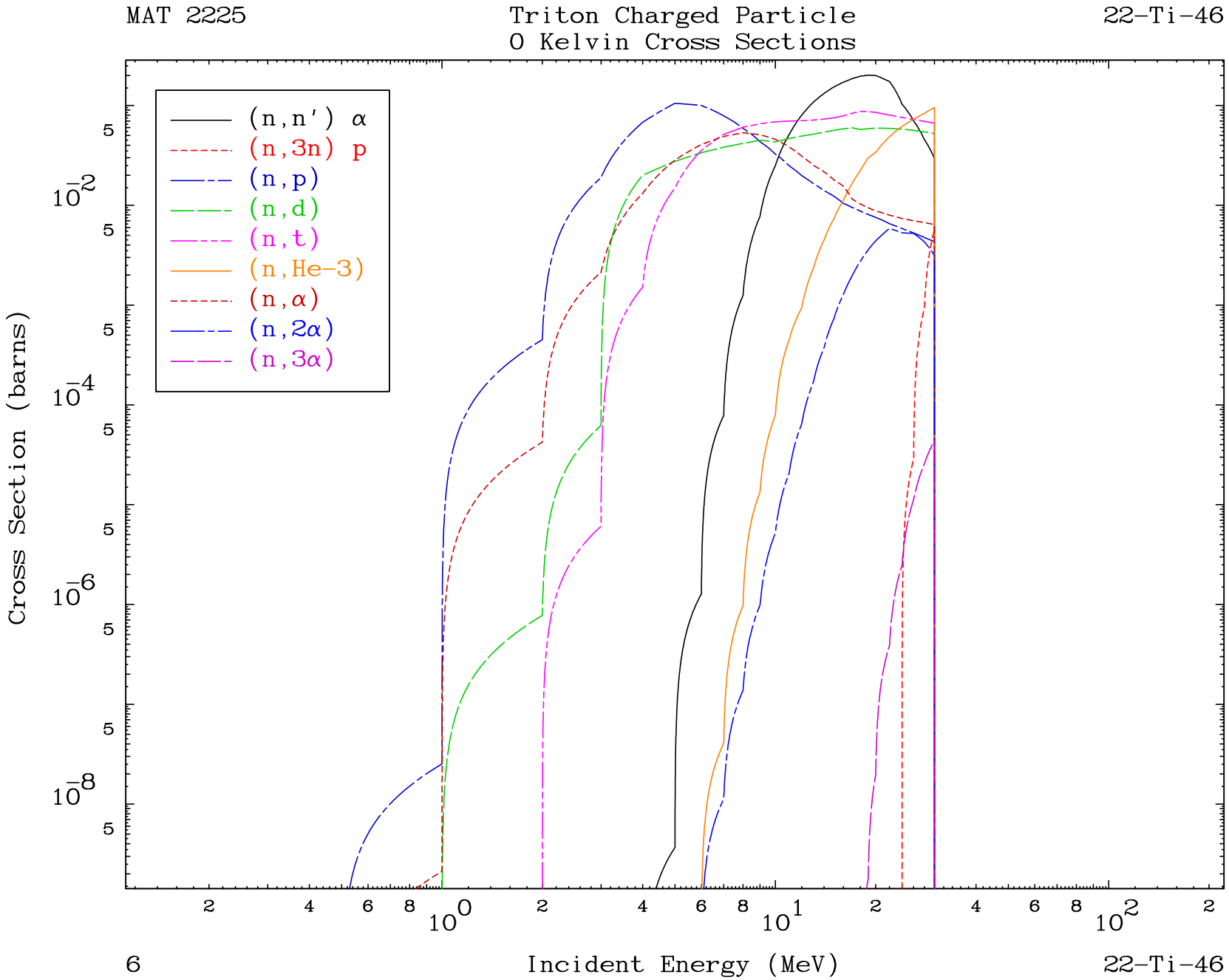

MAT 2225
Triton Major
22-Ti-46
0 Kelvin Cross Sections
Elastic
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
22-Ti-46

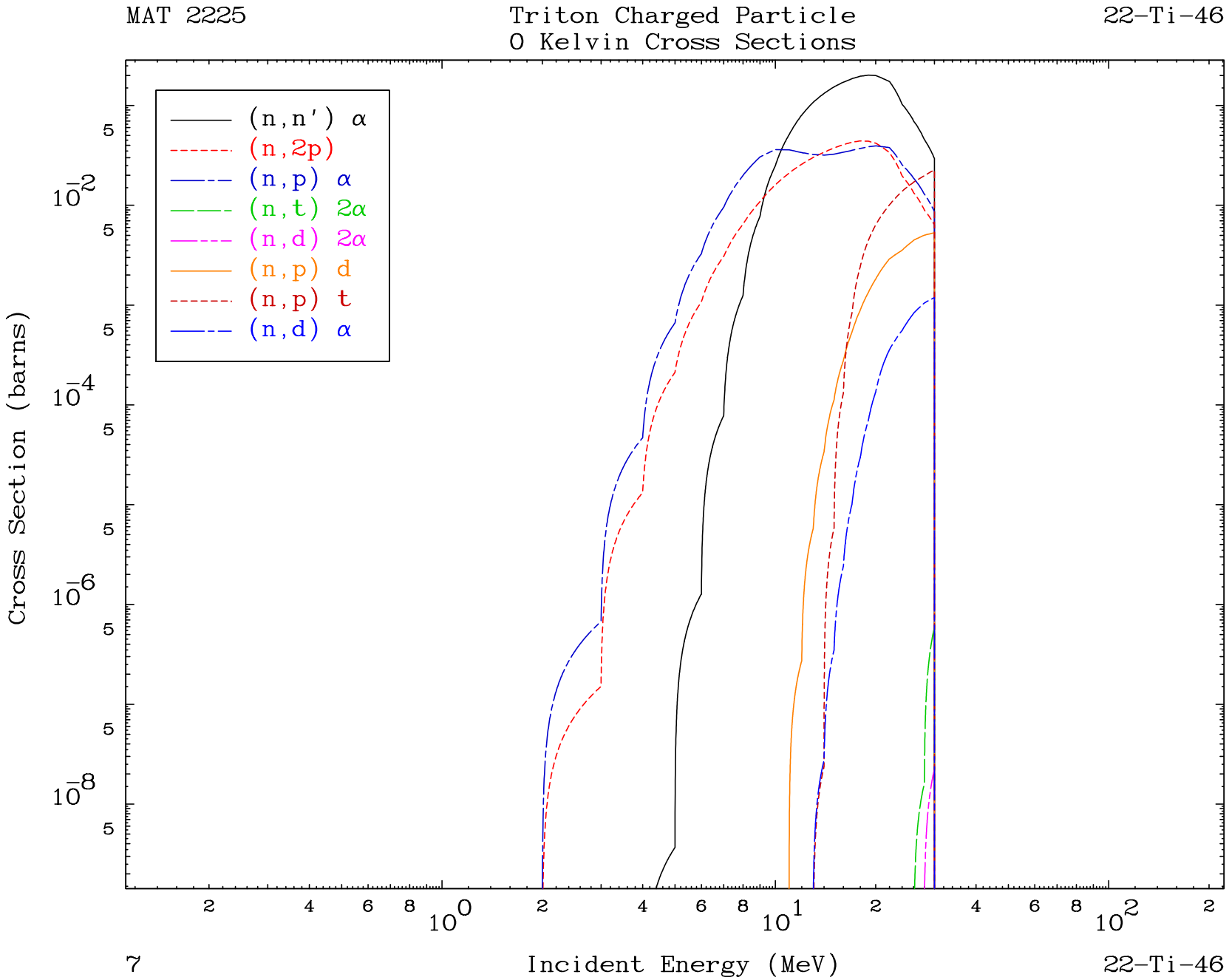

MAT 2225
Triton Neutron Absorption
0 Kelvin Cross Sections
22-Ti-46
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
22-Ti-46
2

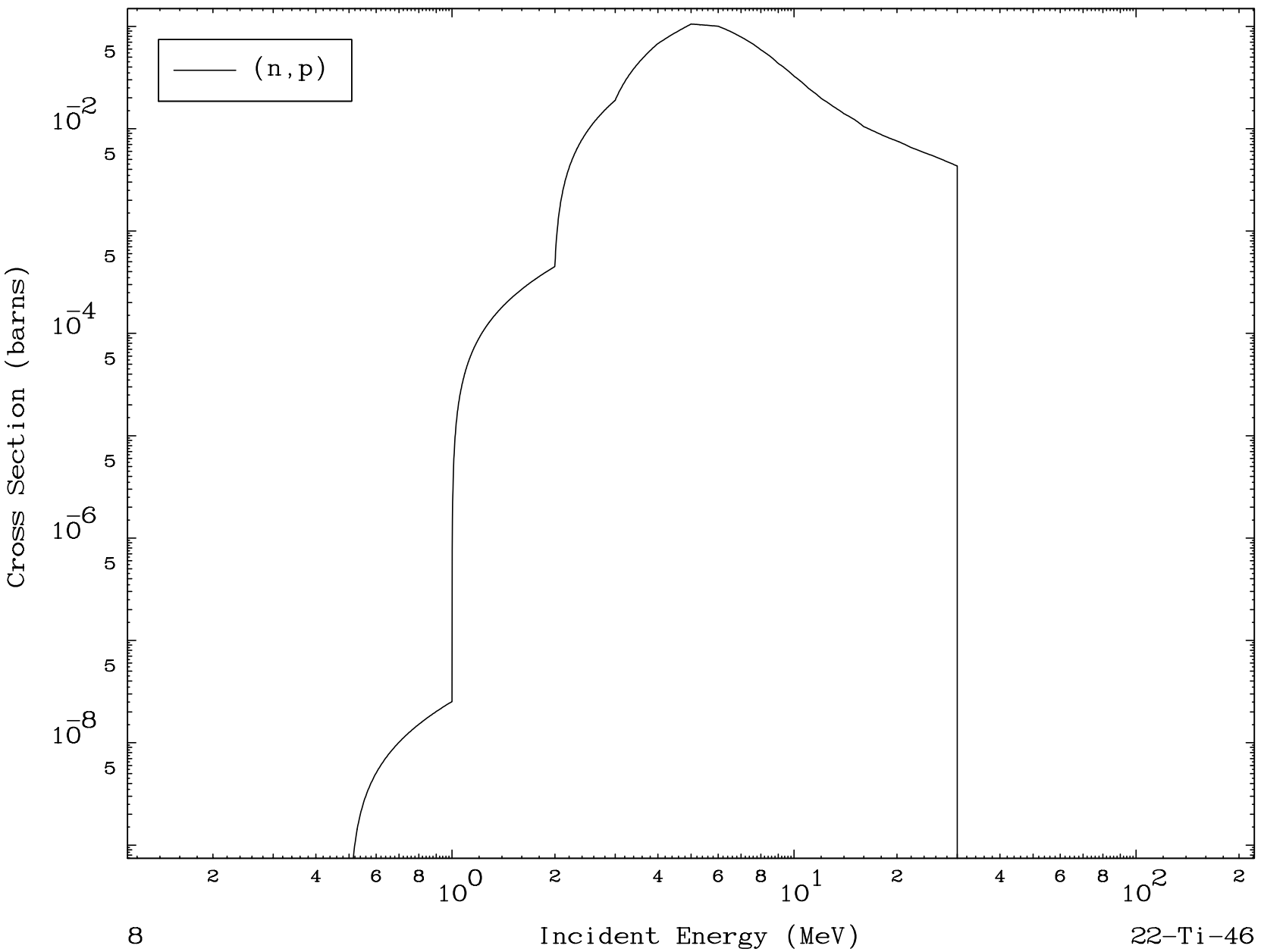

MAT 2225
Triton Neutron Absorption
0 Kelvin Cross Sections
22-Ti-46
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
22-Ti-46

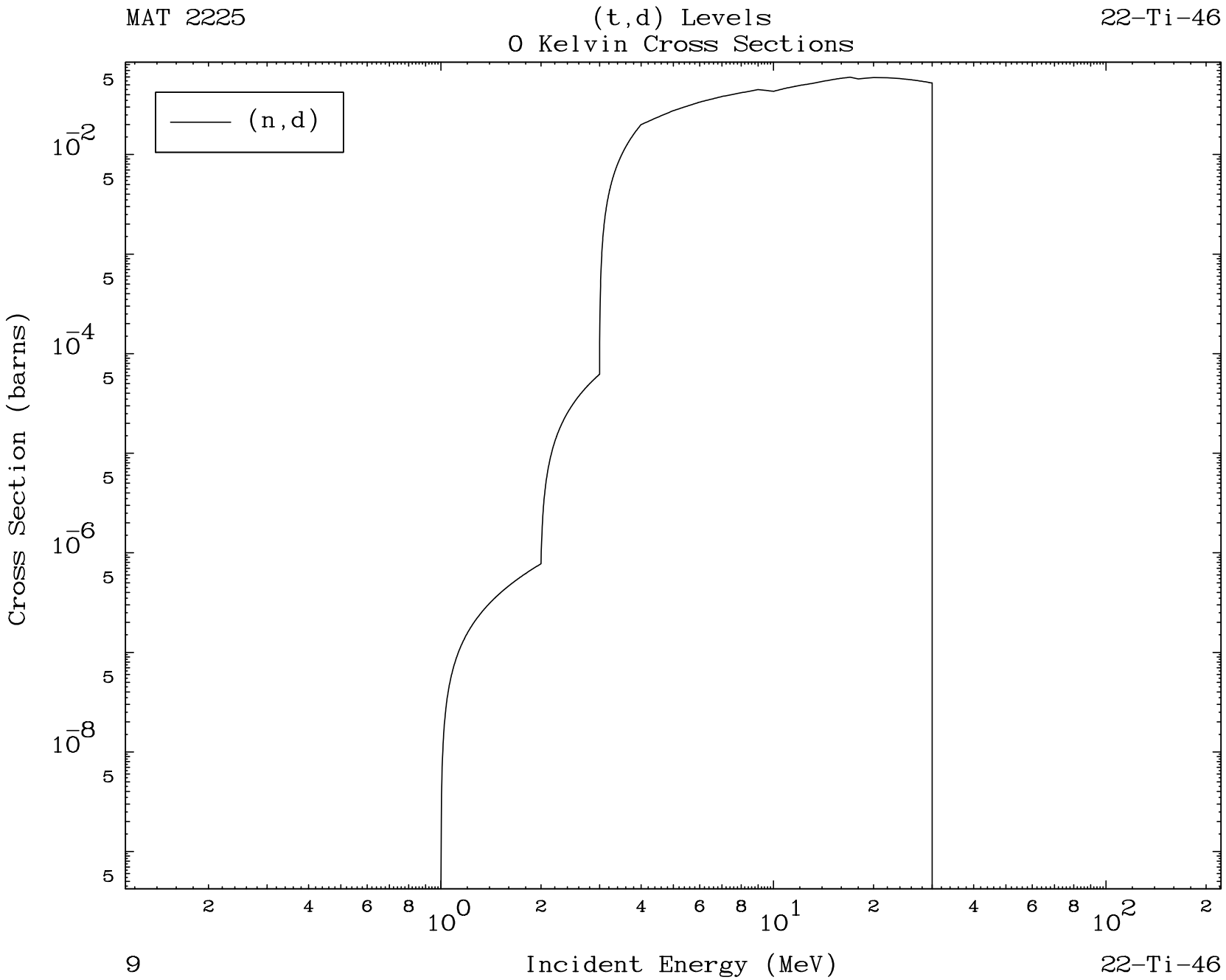

MAT 2225
Triton Neutron Absorption
0 Kelvin Cross Sections
22-Ti-46
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,t) 2α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
22-Ti-46

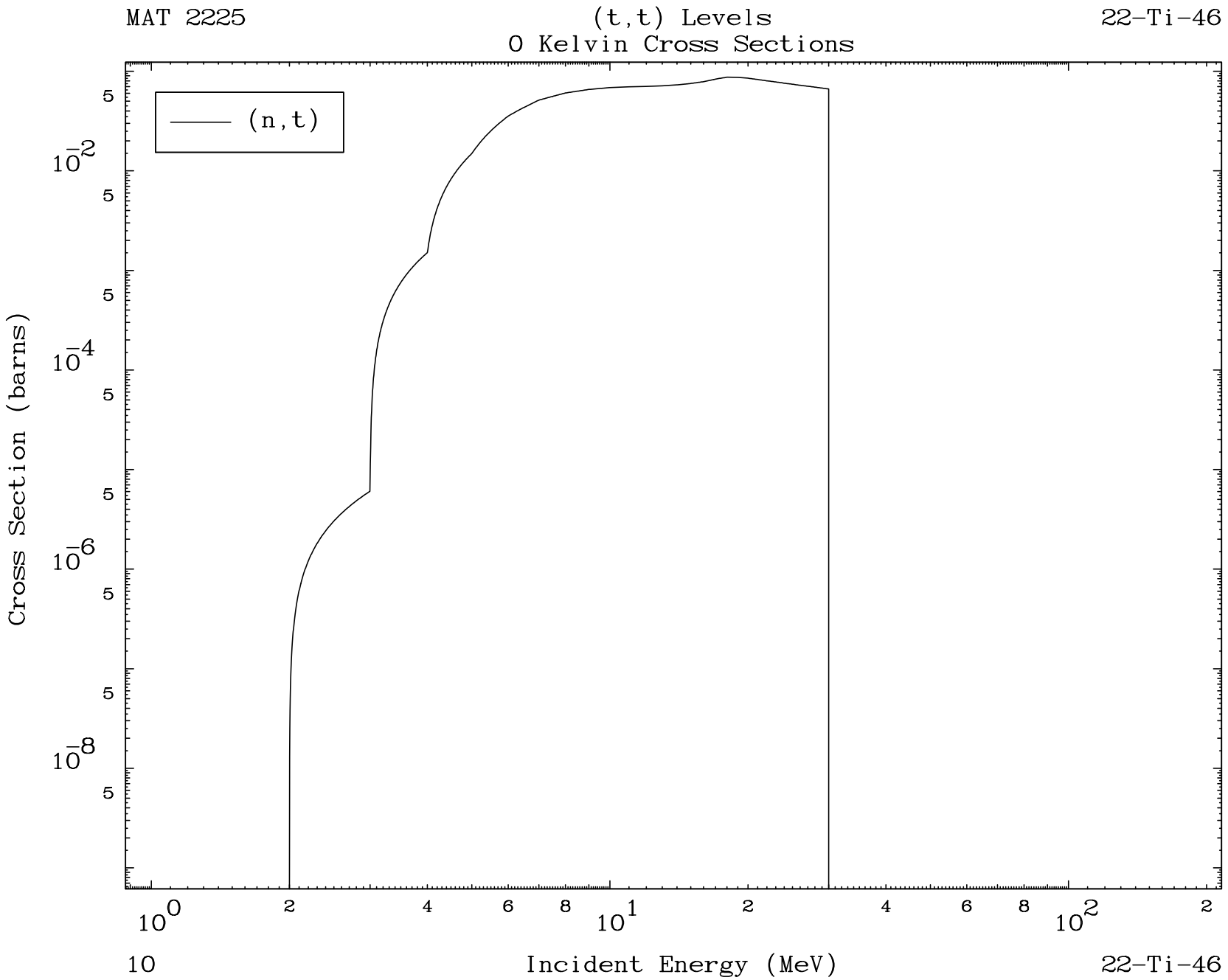

MAT 2225
Triton Charged Particle
0 Kelvin Cross Sections
22-Ti-46
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
22-Ti-46
5

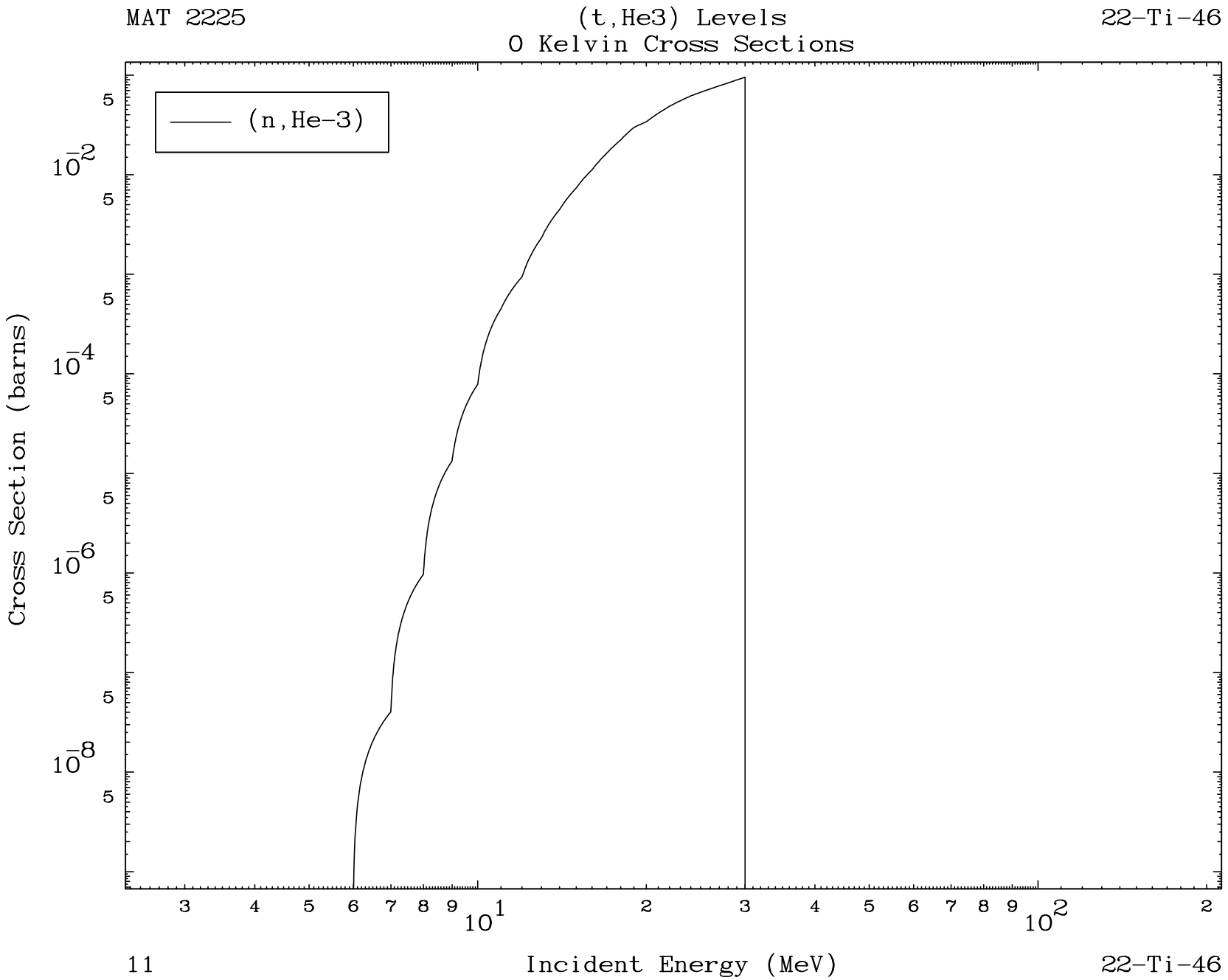

MAT 2225
Triton Charged Particle
0 Kelvin Cross Sections
22-Ti-46
(n,n') α
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
6
22-Ti-46

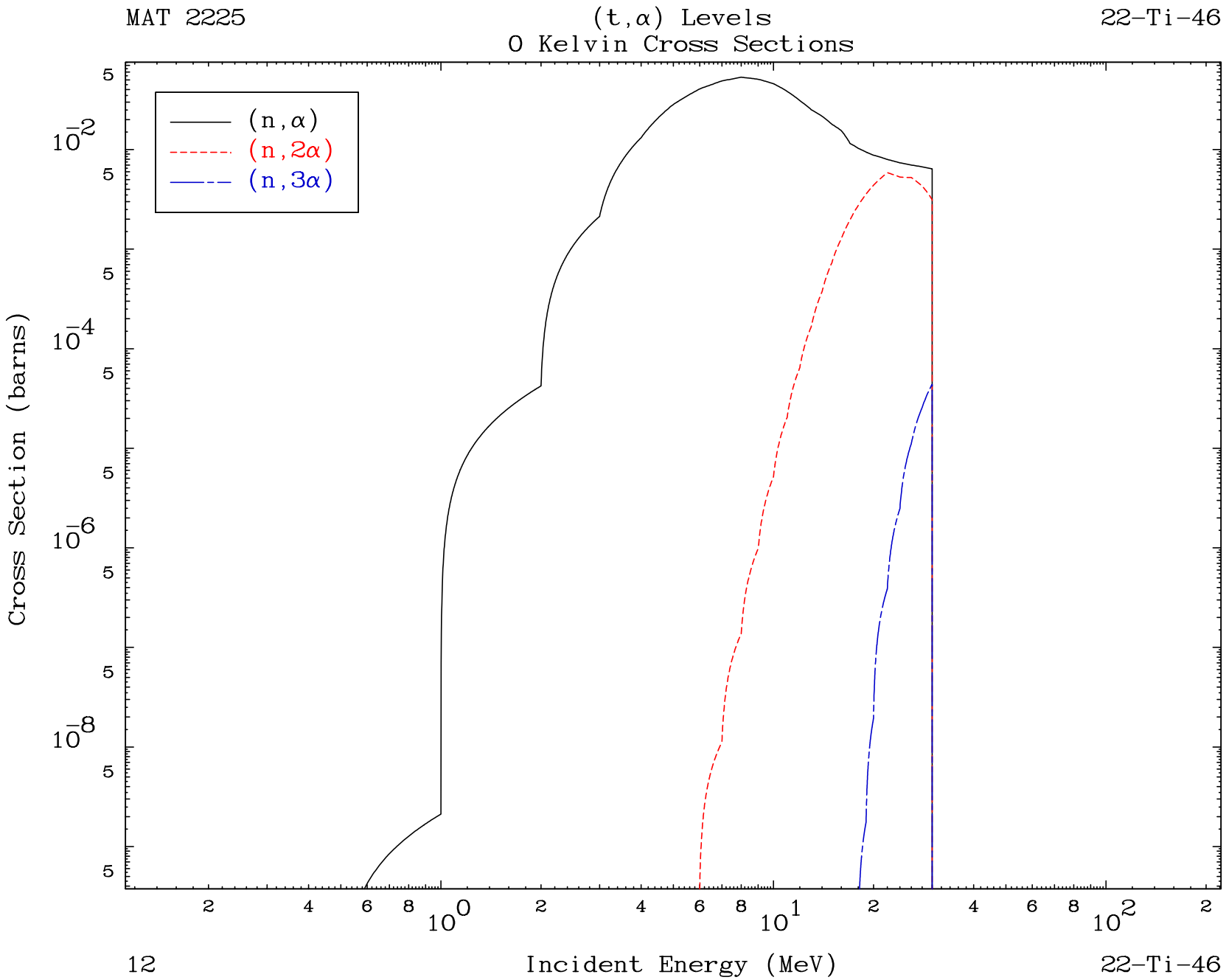

MAT 2225
Triton Charged Particle
0 Kelvin Cross Sections
22-Ti-46
(n,n') α
(n,2p)
(n,p) α
(n,t) 2α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
22-Ti-46

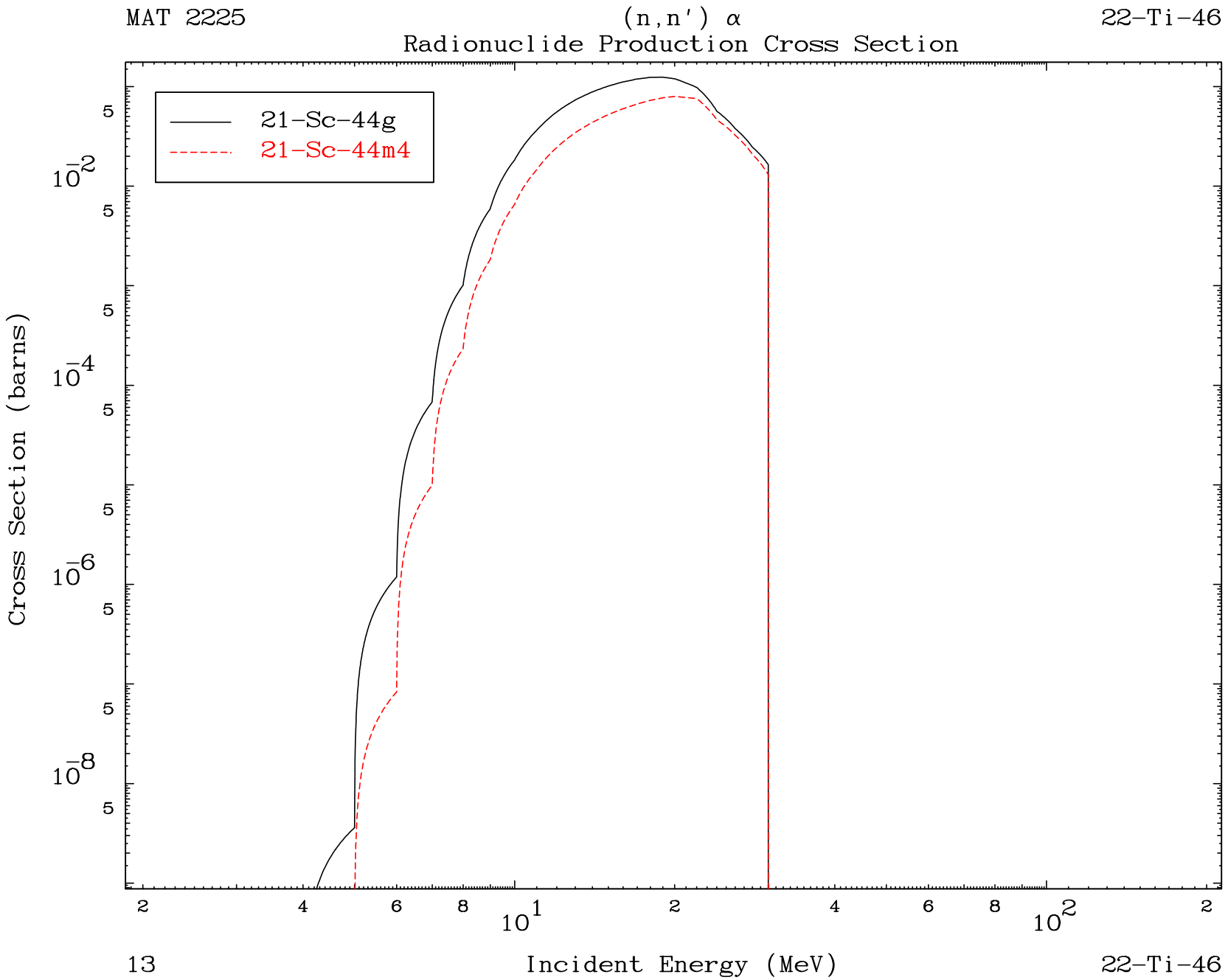

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)

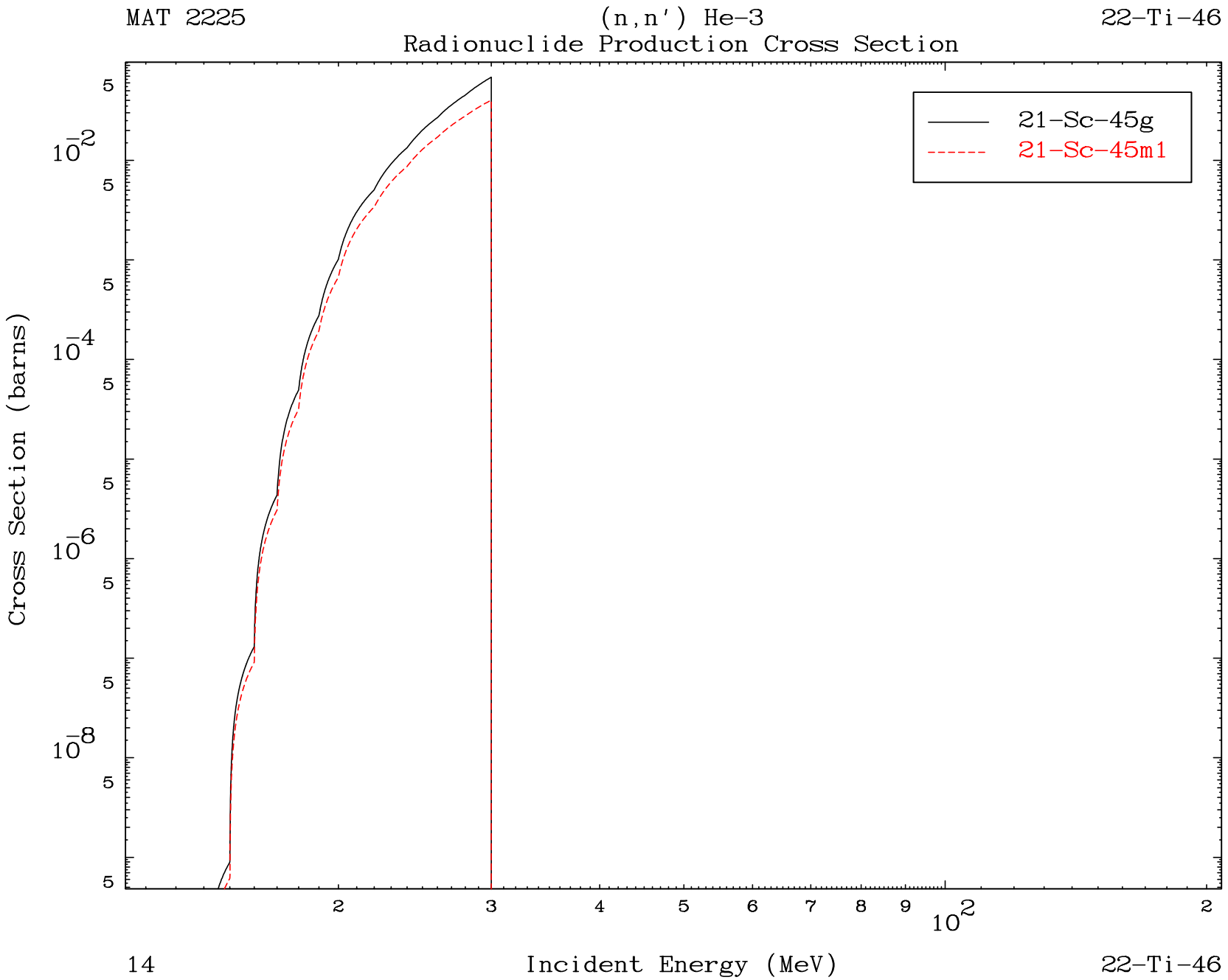

MAT 2225
(t,d) Levels
22-Ti-46
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
22-Ti-46

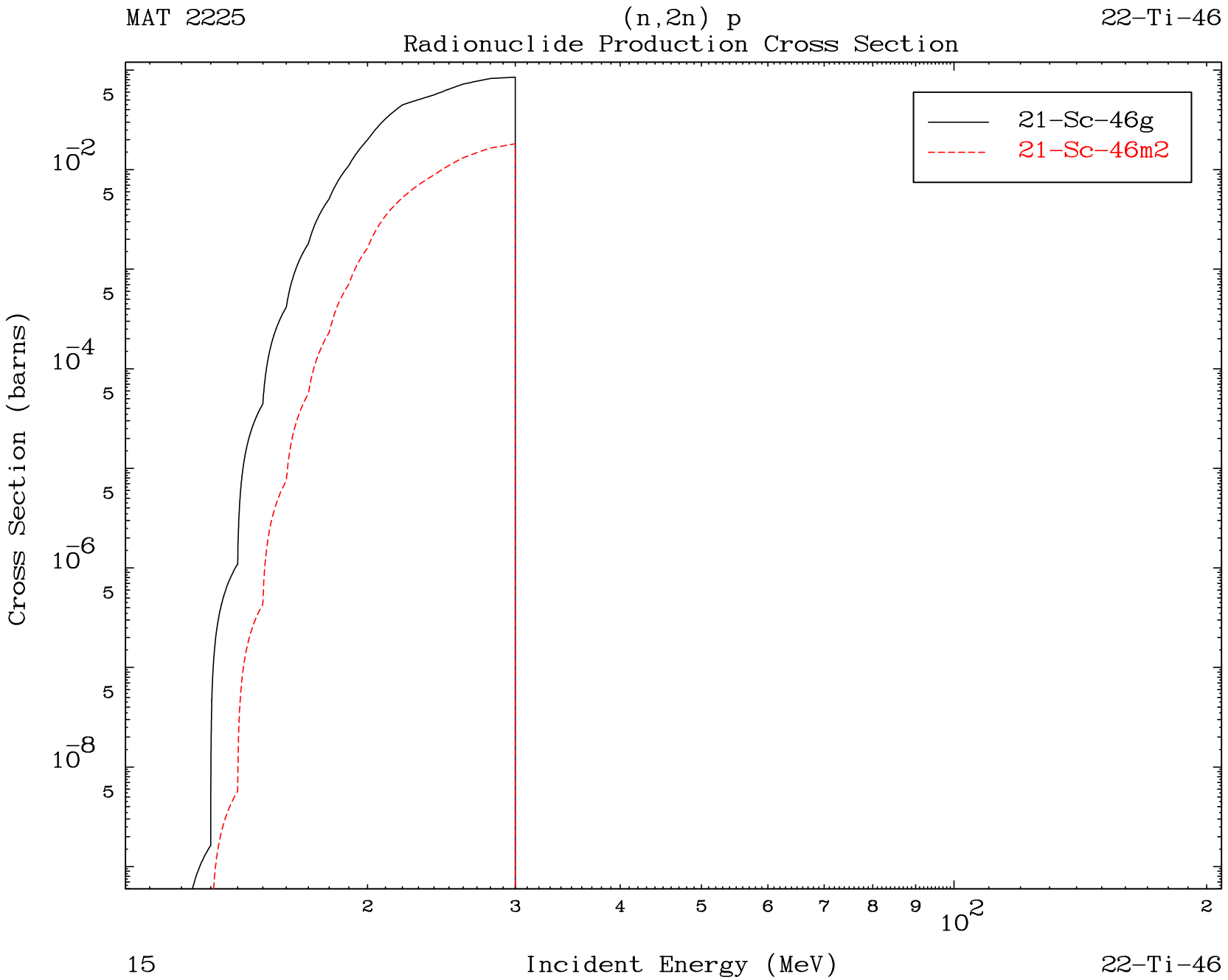

MAT 2225
(t,t) Levels
22-Ti-46
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
22-Ti-46

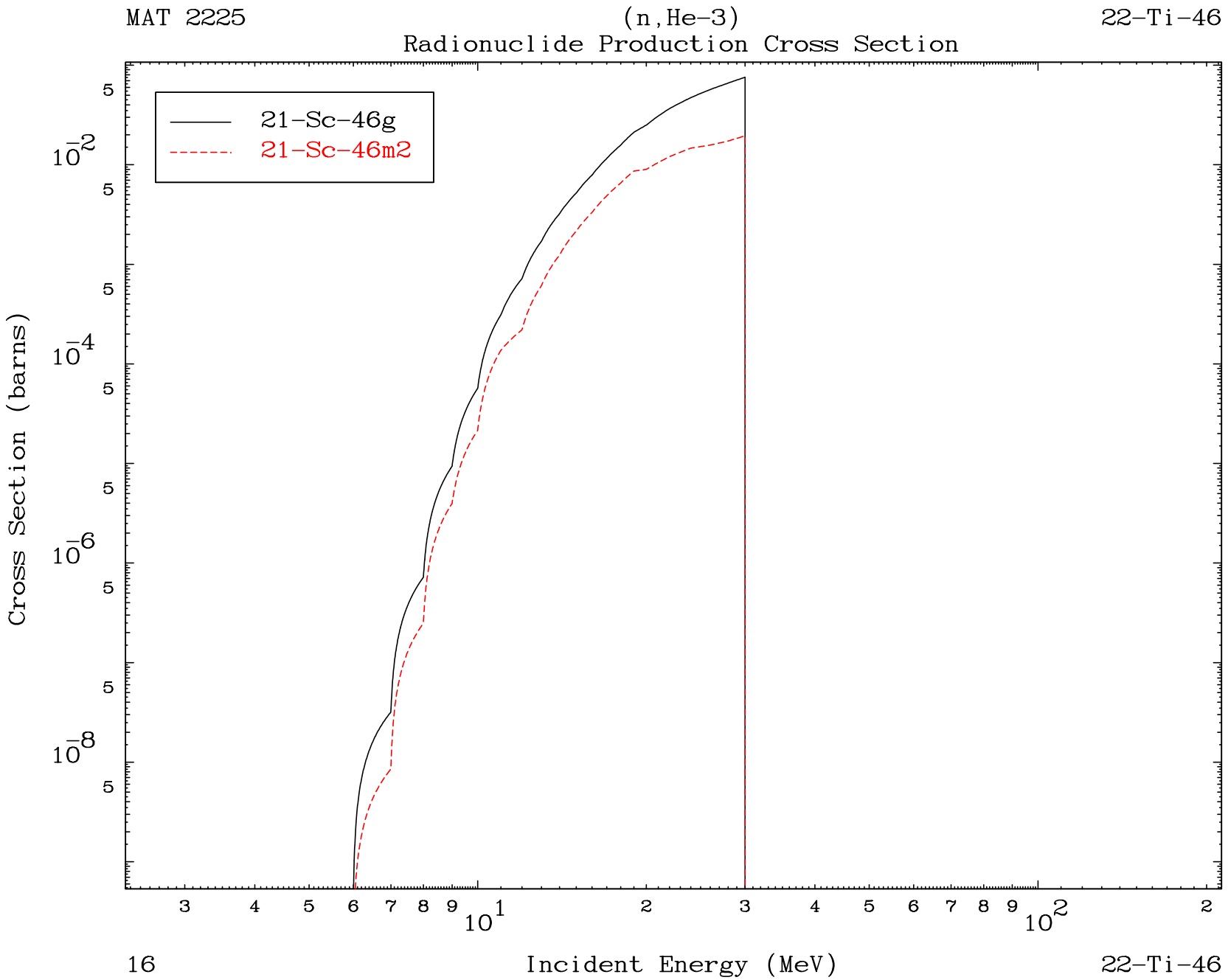

MAT 2225
(t,He3) Levels
22-Ti-46
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
3 4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
11
Incident Energy (MeV)
22-Ti-46

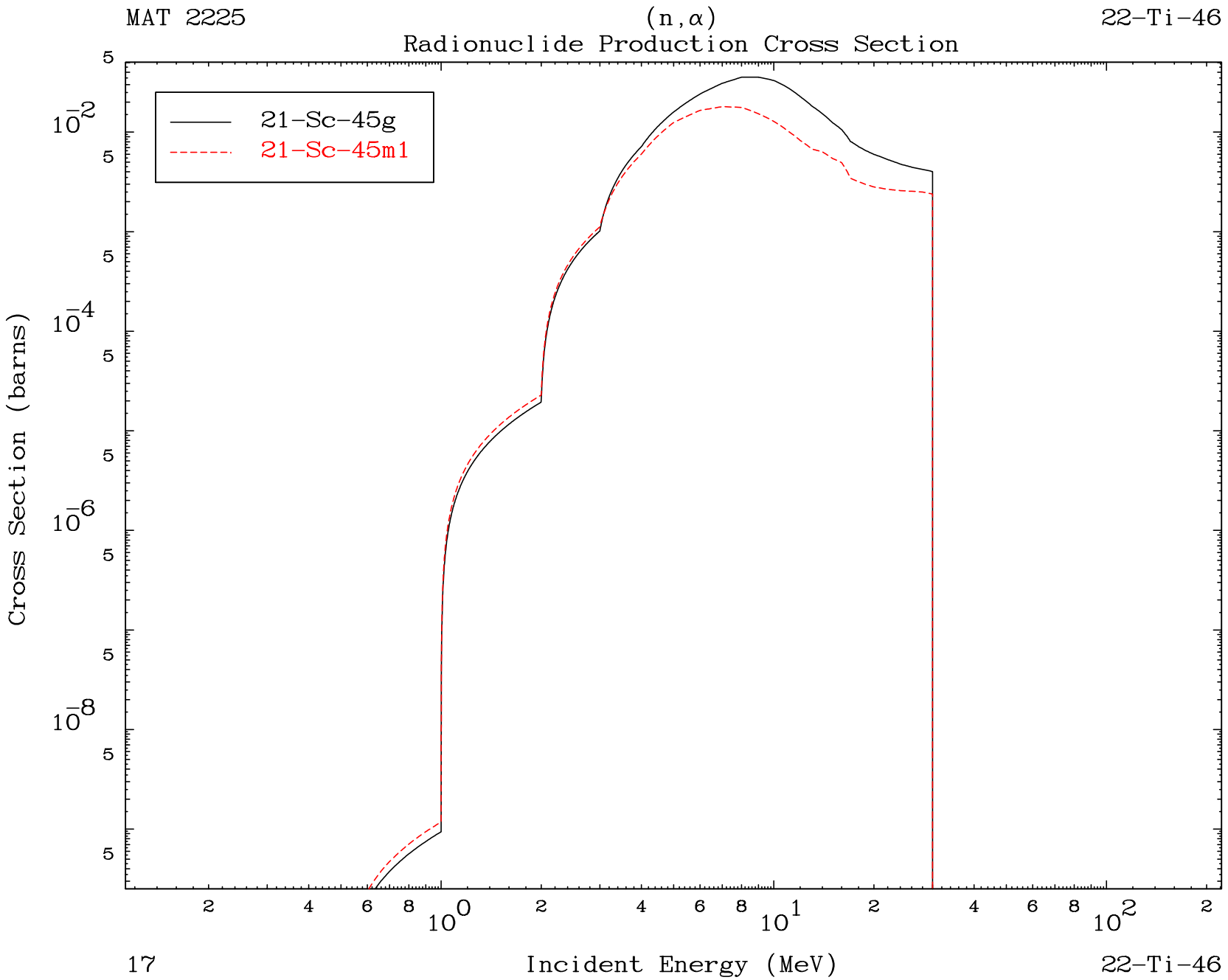

MAT 2225
(t,α) Levels
22-Ti-46
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
12
22-Ti-46

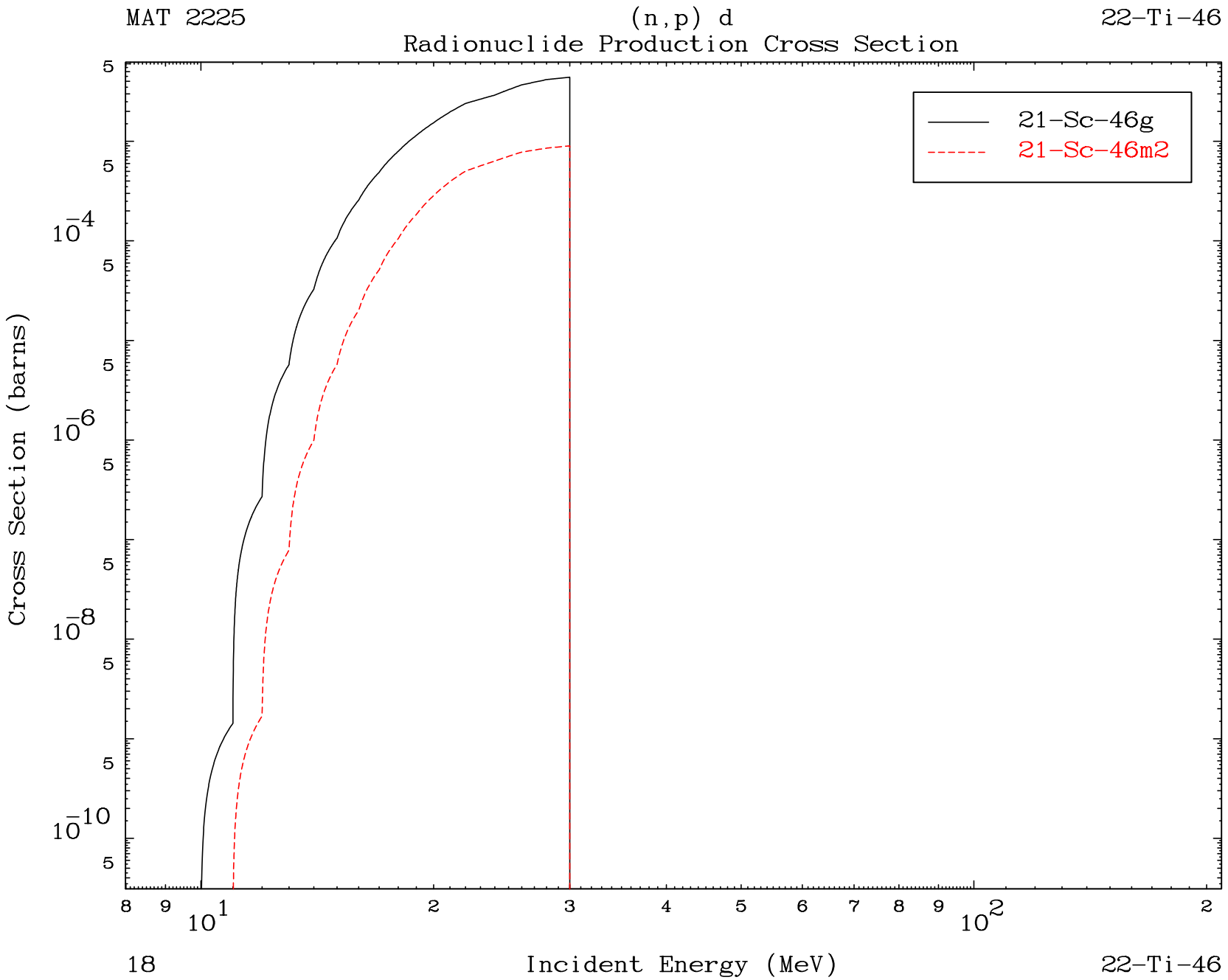

MAT 2225
(n,n') α
22-Ti-46
Radionuclide Production Cross Section
21-Sc-44g
21-Sc-44m4
Cross Section (barns)
10-2
10-4
10-6
10-8
2
4
6
8
10 1
2
4
6
8
10 2
2
13
Incident Energy (MeV)
22-Ti-46

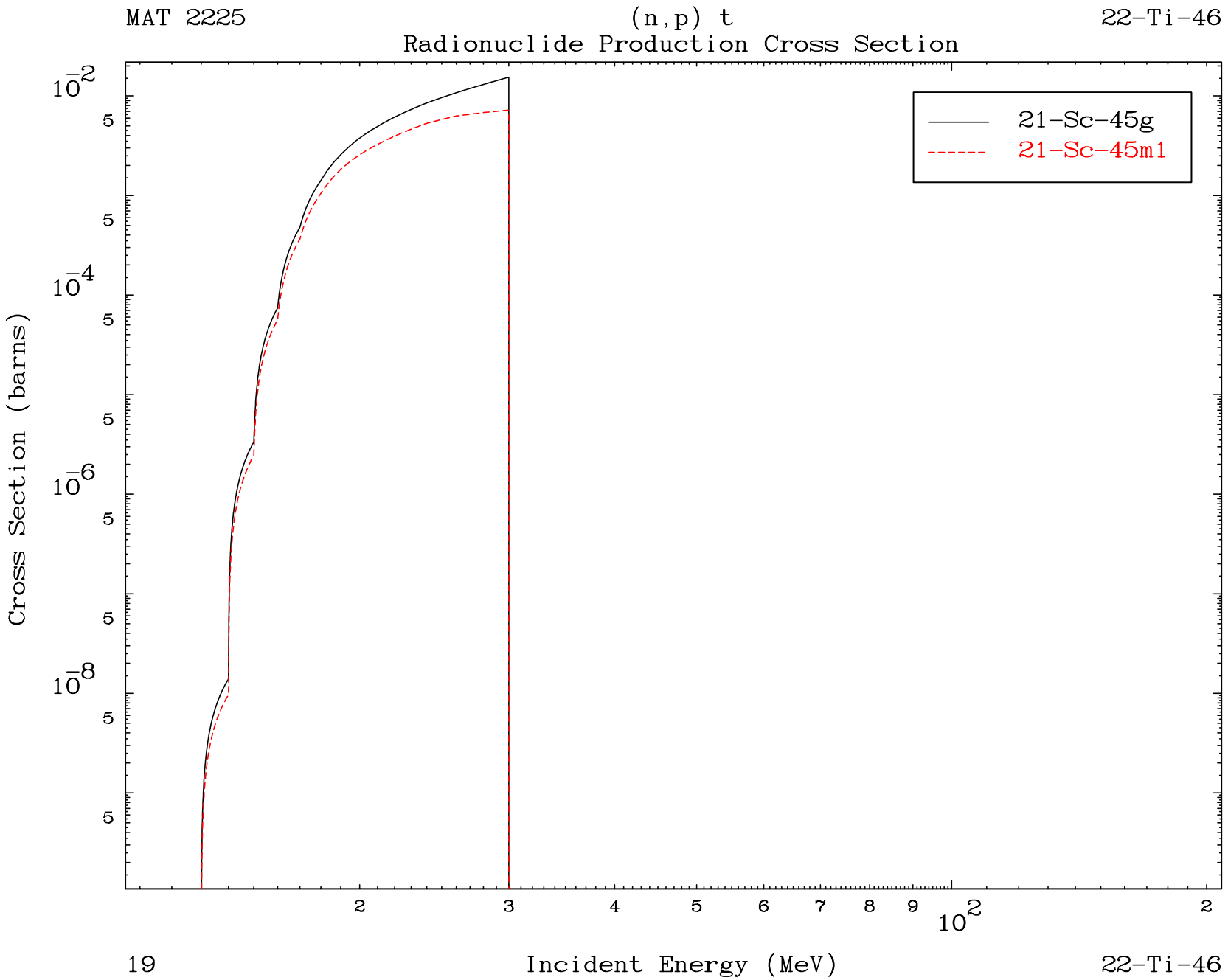

MAT 2225
(n,n') He-3
22-Ti-46
Radionuclide Production Cross Section
21-Sc-45g
21-Sc-45m1
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
14
22-Ti-46


MAT 2225
(n,2n) p
22-Ti-46
Radionuclide Production Cross Section
21-Sc-46g
21-Sc-46m2
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)
22-Ti-46


MAT 2225
(n,He-3)
22-Ti-46
Radionuclide Production Cross Section
21-Sc-46g
21-Sc-46m2
Cross Section (barns)
Incident Energy (MeV)
16
22-Ti-46


MAT 2225
(n,α)
22-Ti-46
Radionuclide Production Cross Section
21-Sc-45g
21-Sc-45m1
Cross Section (barns)
Incident Energy (MeV)
17
22-Ti-46


MAT 2225
(n,p) d
22-Ti-46
Radionuclide Production Cross Section
21-Sc-46g
21-Sc-46m2
Cross Section (barns)
Incident Energy (MeV)
18
22-Ti-46


MAT 2225
(n,p) t
22-Ti-46
Radionuclide Production Cross Section
21-Sc-45g
21-Sc-45m1
Cross Section (barns)
Incident Energy (MeV)
19
22-Ti-46