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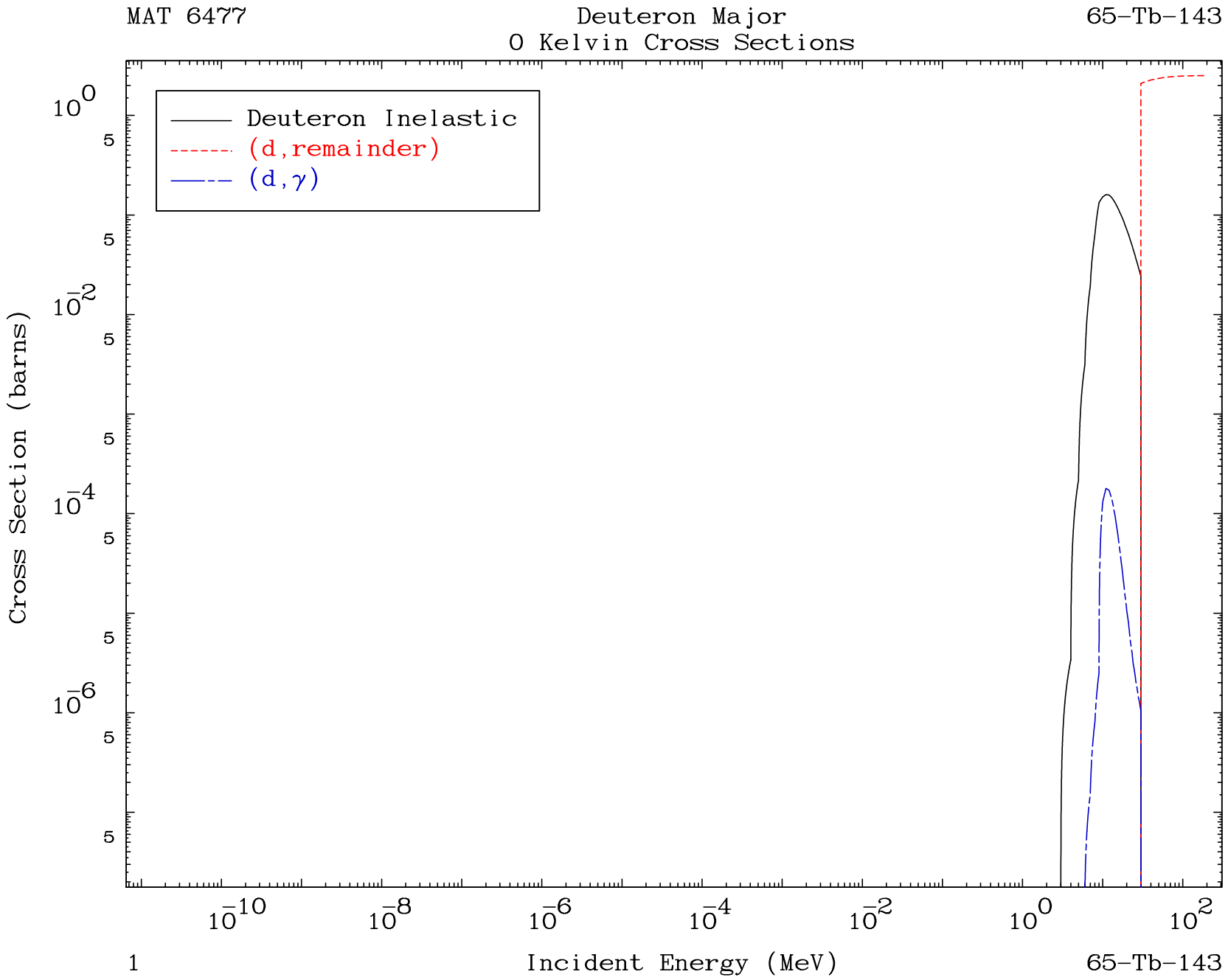
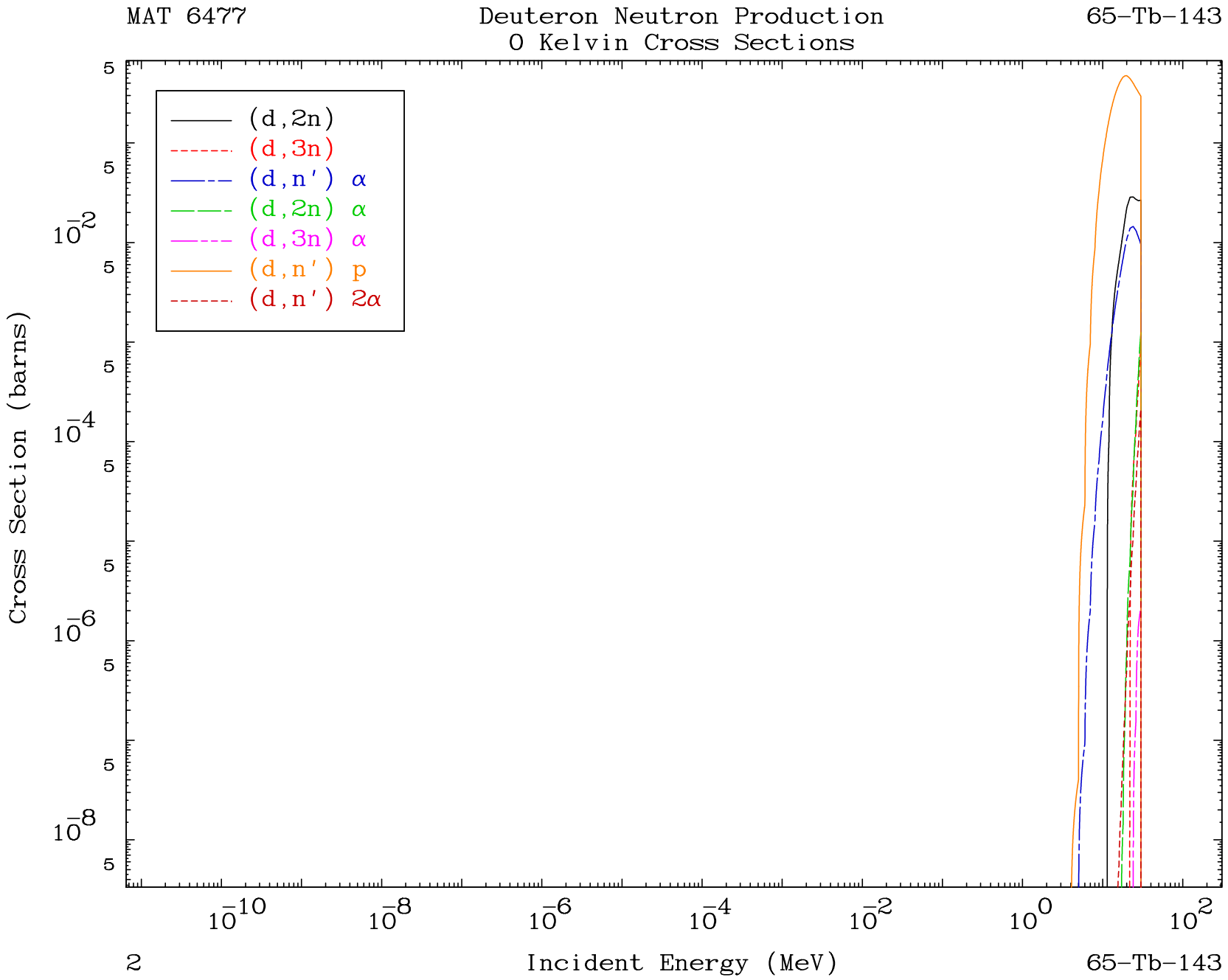
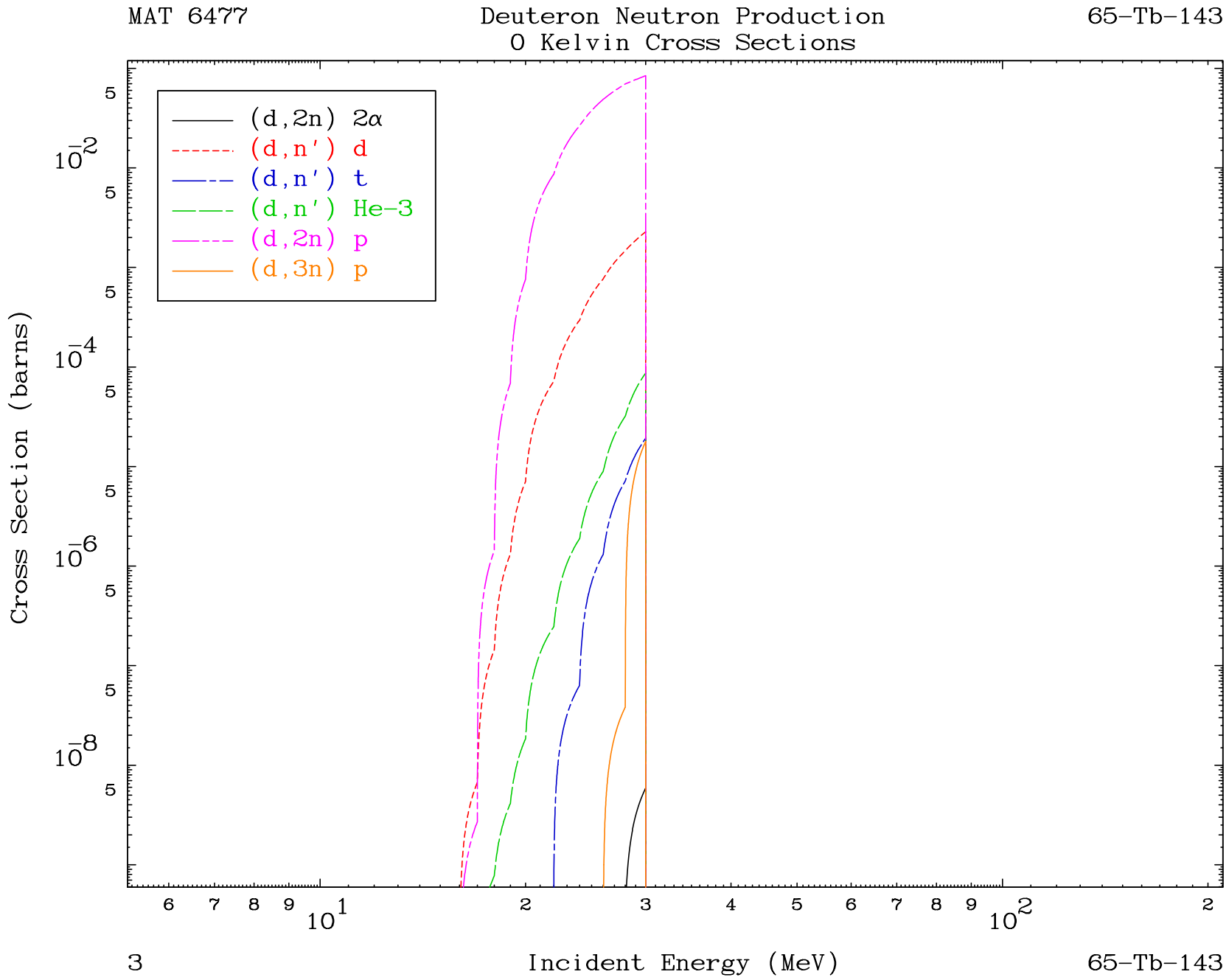
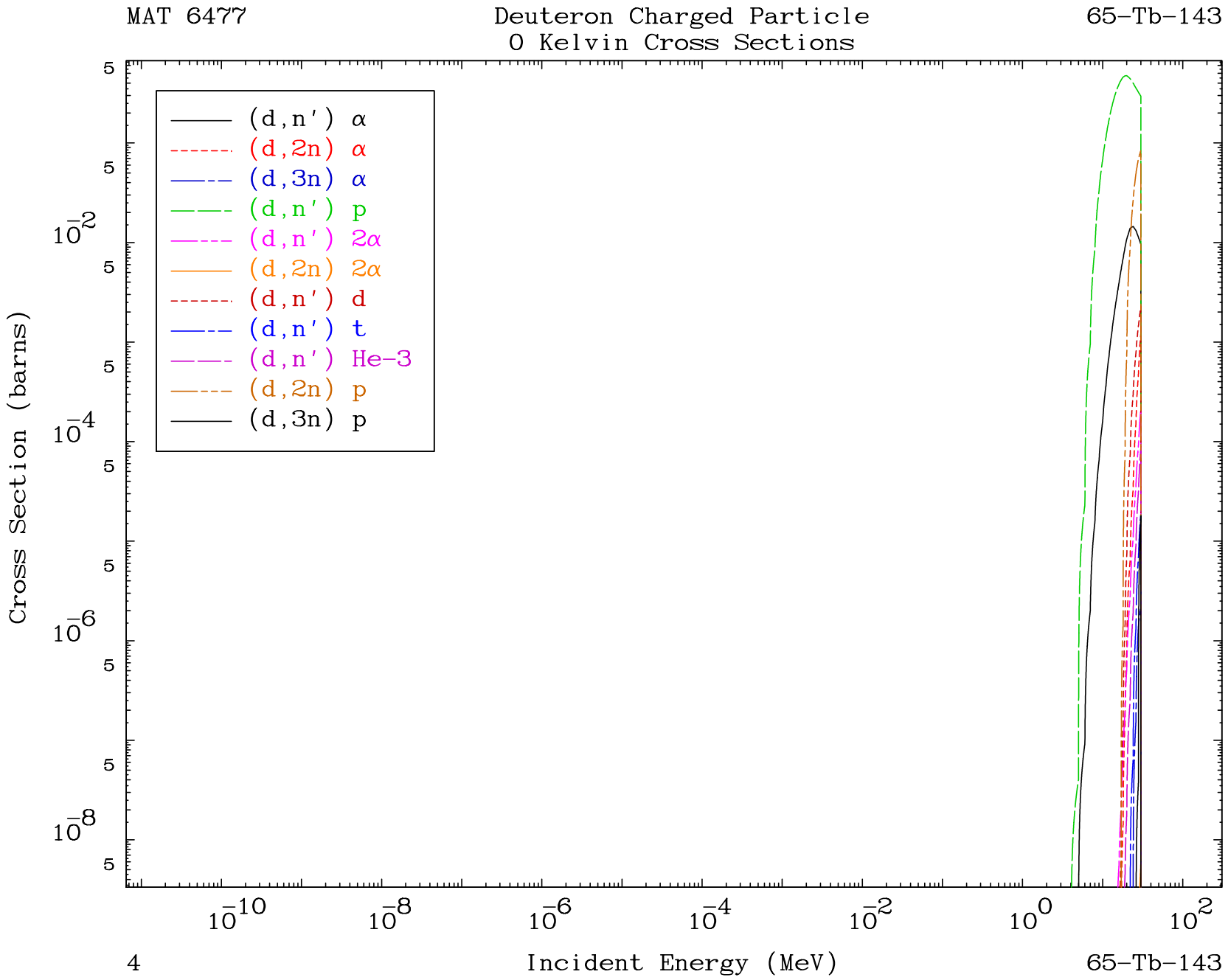
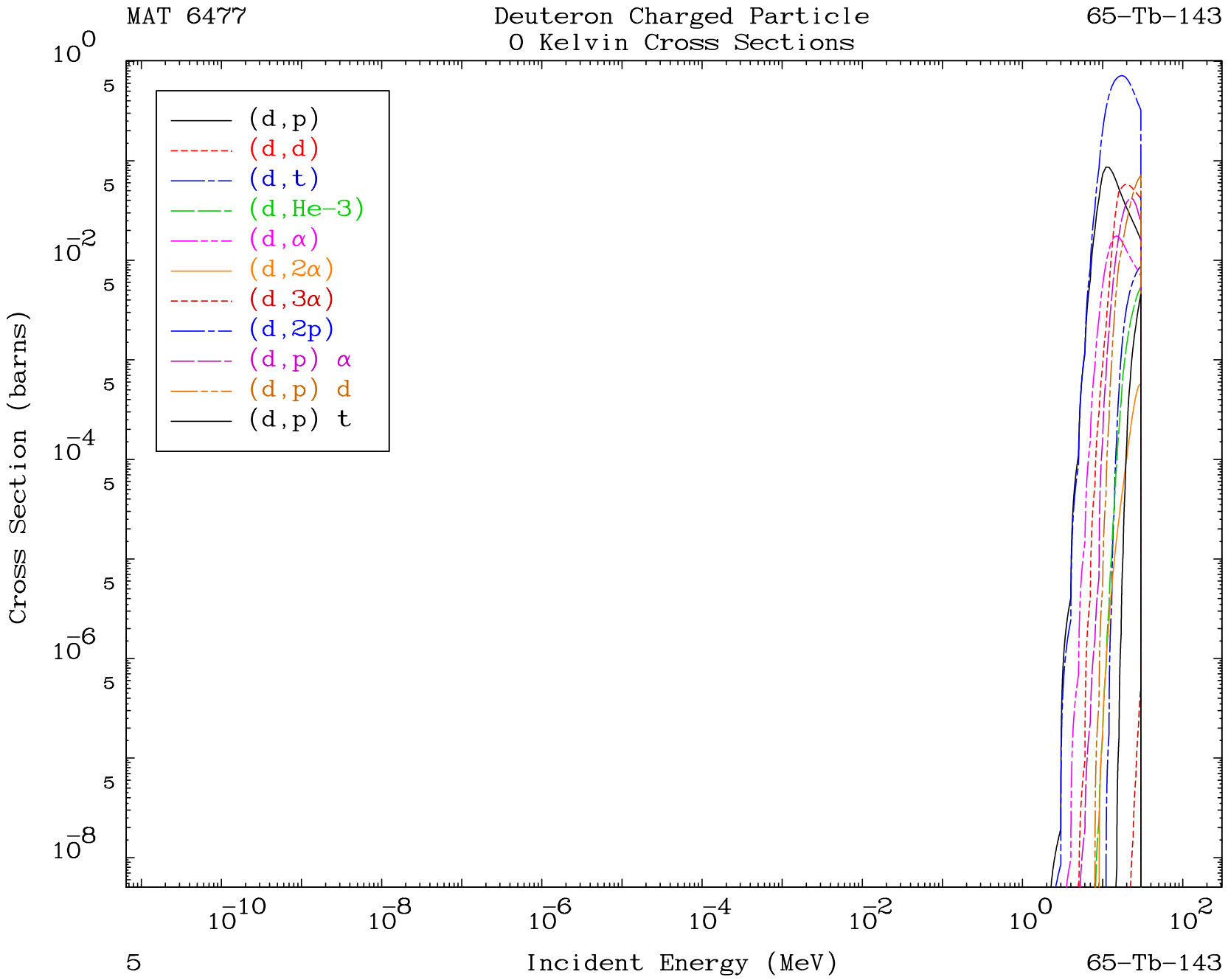
Press Mouse Button to Start

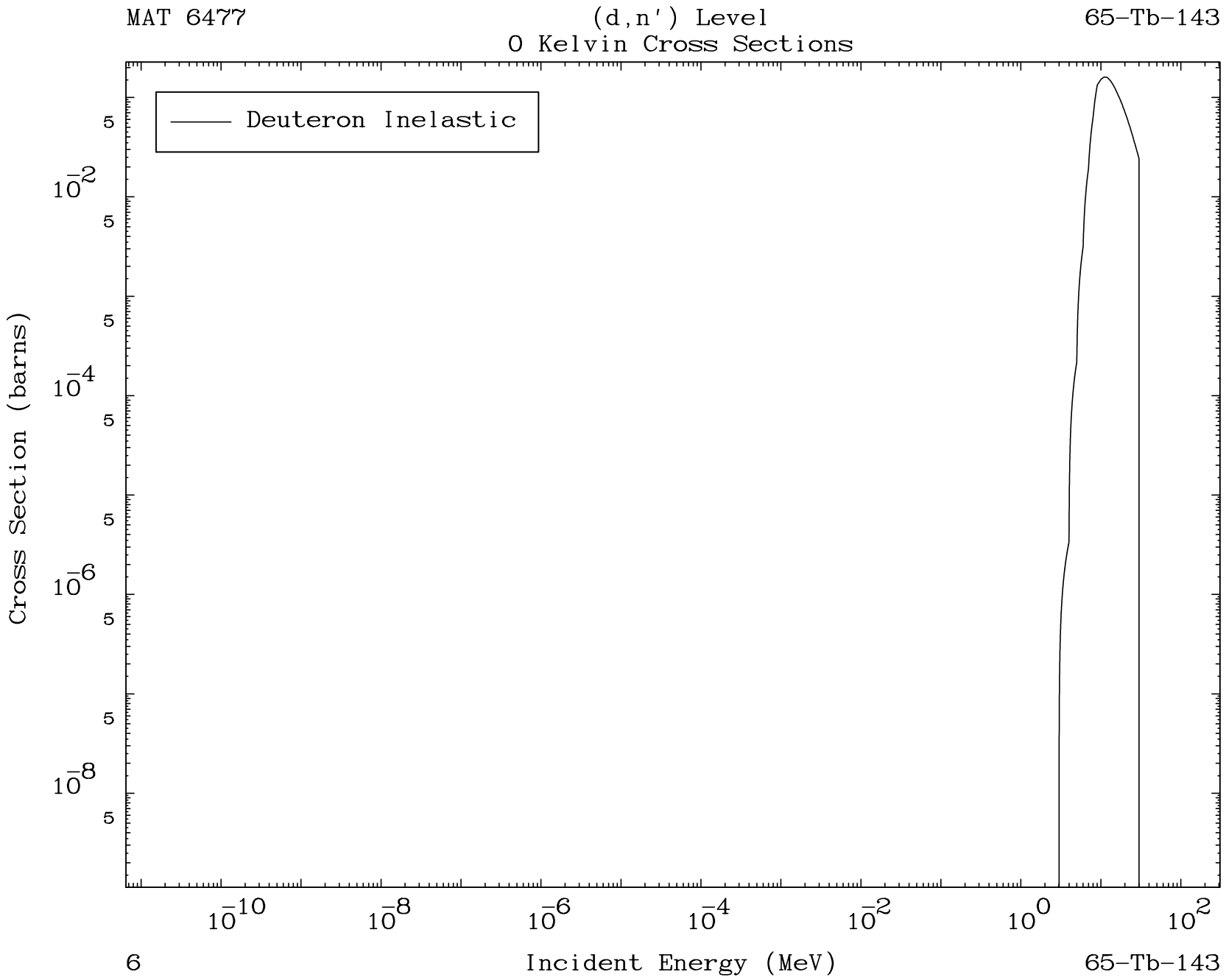

MAT 6477
Deuteron Major
65-Tb-143
0 Kelvin Cross Sections
Deuteron Inelastic
(d,remainder)
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-143
1

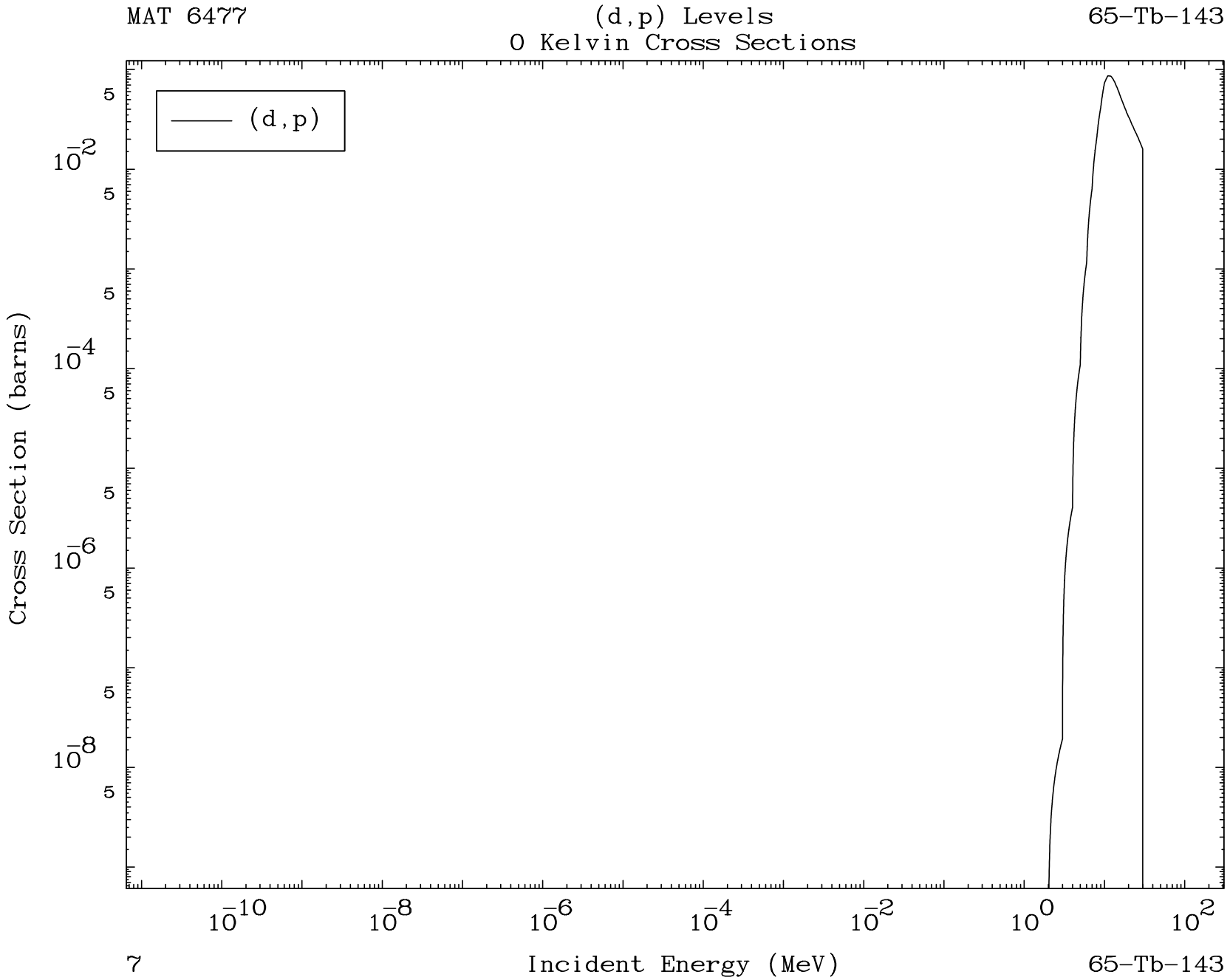

MAT 6477
Deuteron Neutron Production
0 Kelvin Cross Sections
65-Tb-143
(d,2n)
(d,3n)
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
65-Tb-143

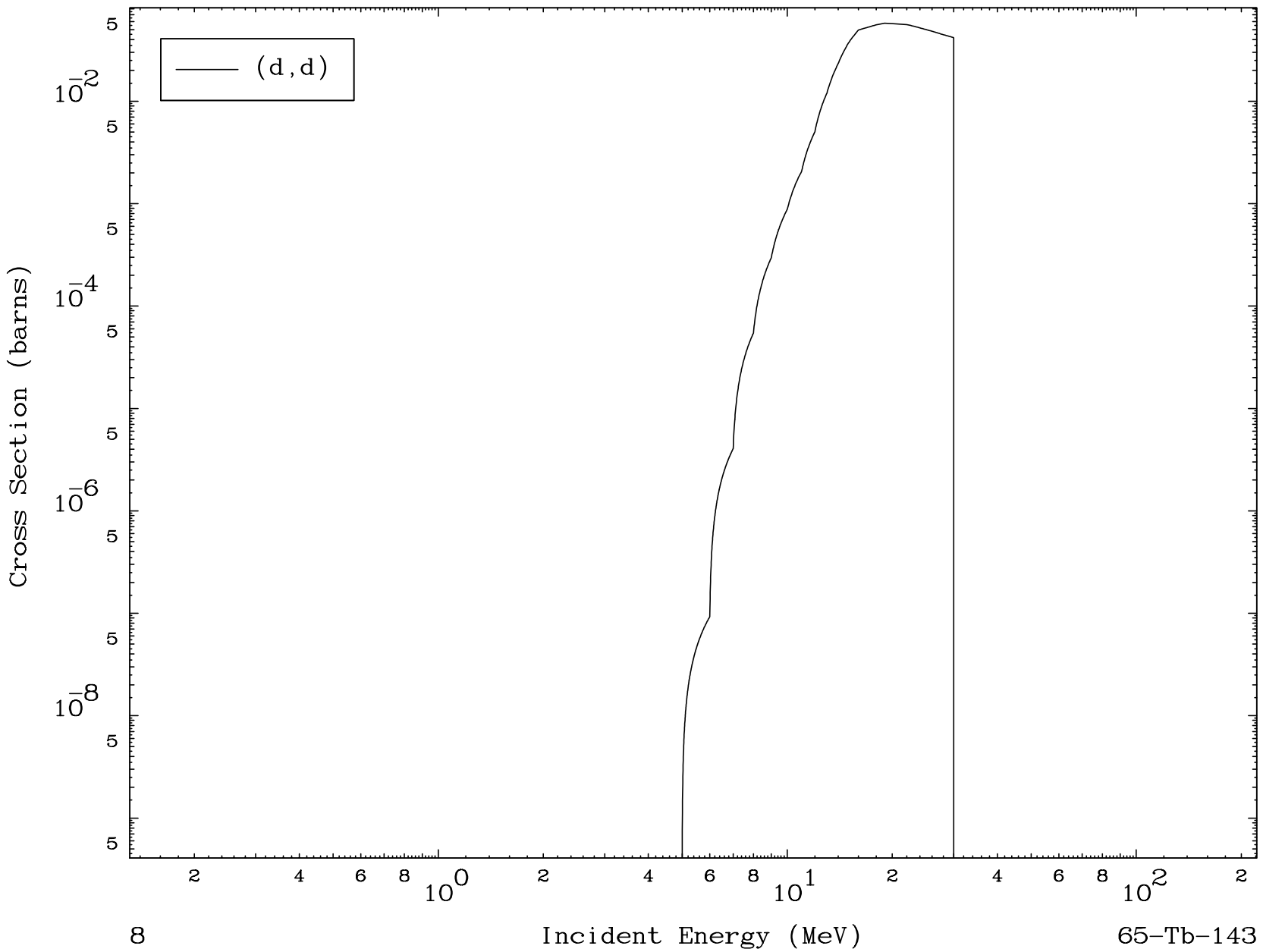

MAT 6477
Deuteron Neutron Production
0 Kelvin Cross Sections
65-Tb-143
(d,2n) 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^1
10^2
Incident Energy (MeV)
3
65-Tb-143

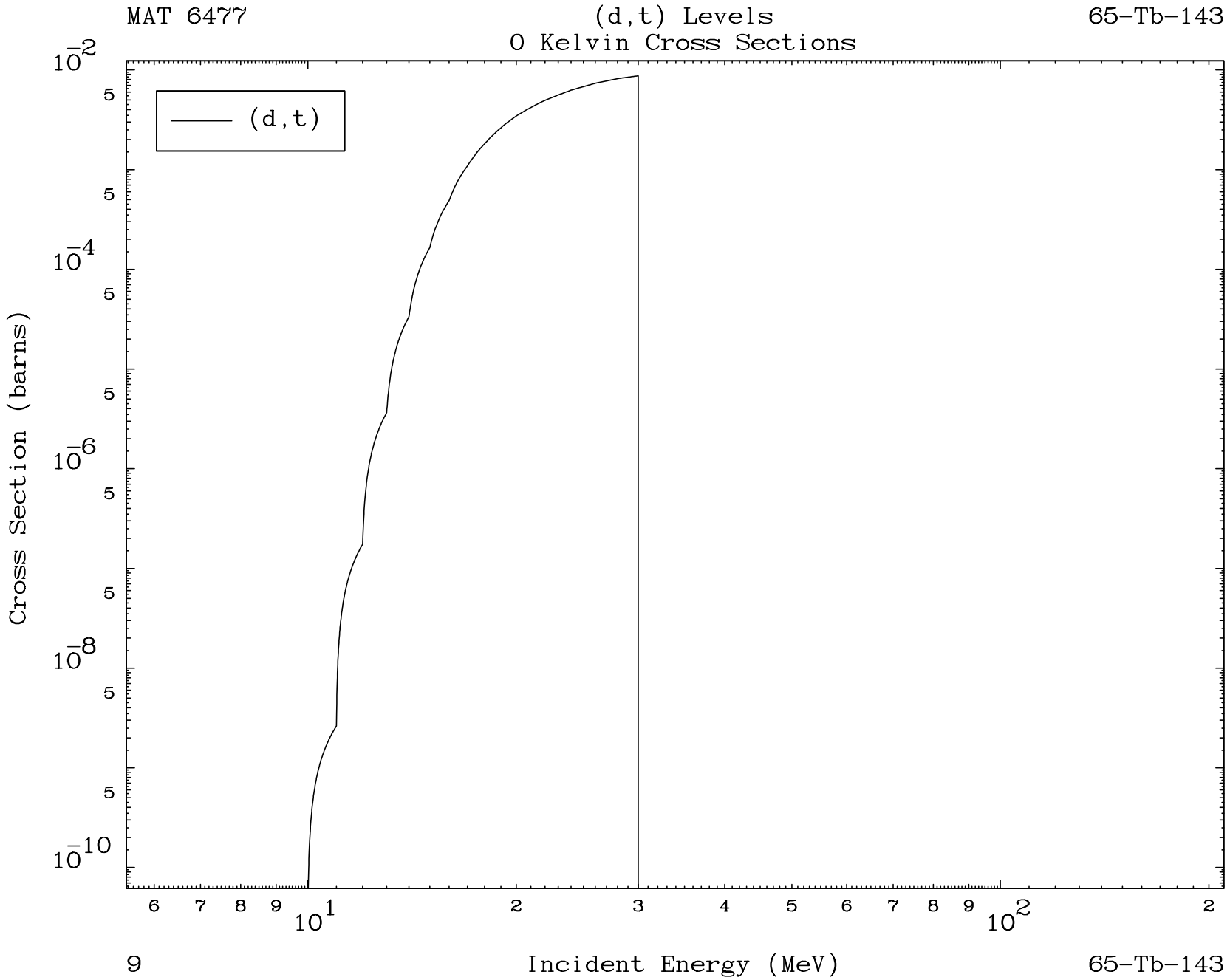

MAT 6477
Deuteron Charged Particle
0 Kelvin Cross Sections
65-Tb-143
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
(d,2n) 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
65-Tb-143

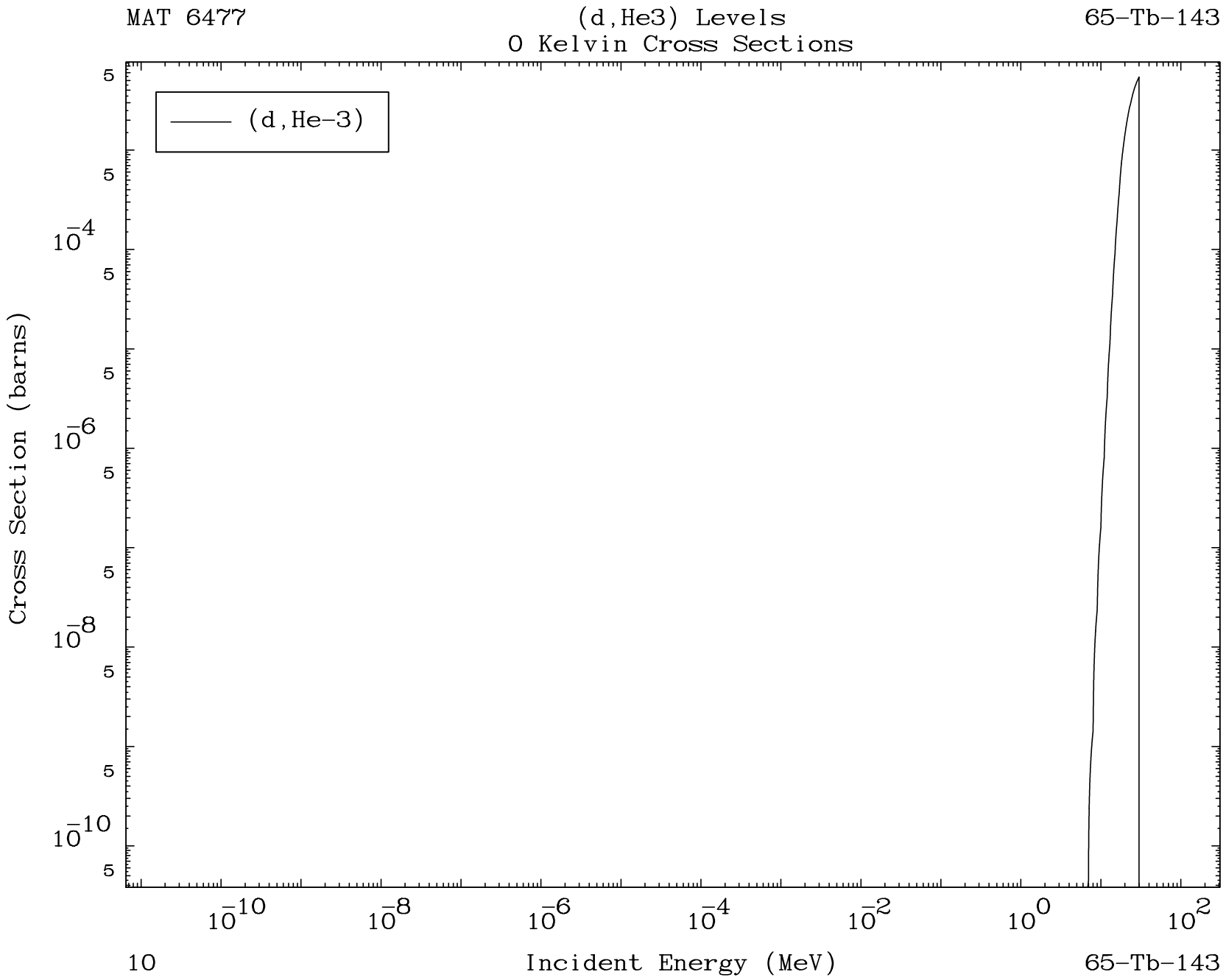

MAT 6477
Deuteron Charged Particle
0 Kelvin Cross Sections
65-Tb-143
(d,p)
(d,d)
(d,t)
(d,He-3)
(d,α)
(d,2α)
(d,3α)
(d,2p)
(d,p) α
(d,p) d
(d,p) t
Cross Section (barns)
Incident Energy (MeV)
65-Tb-143

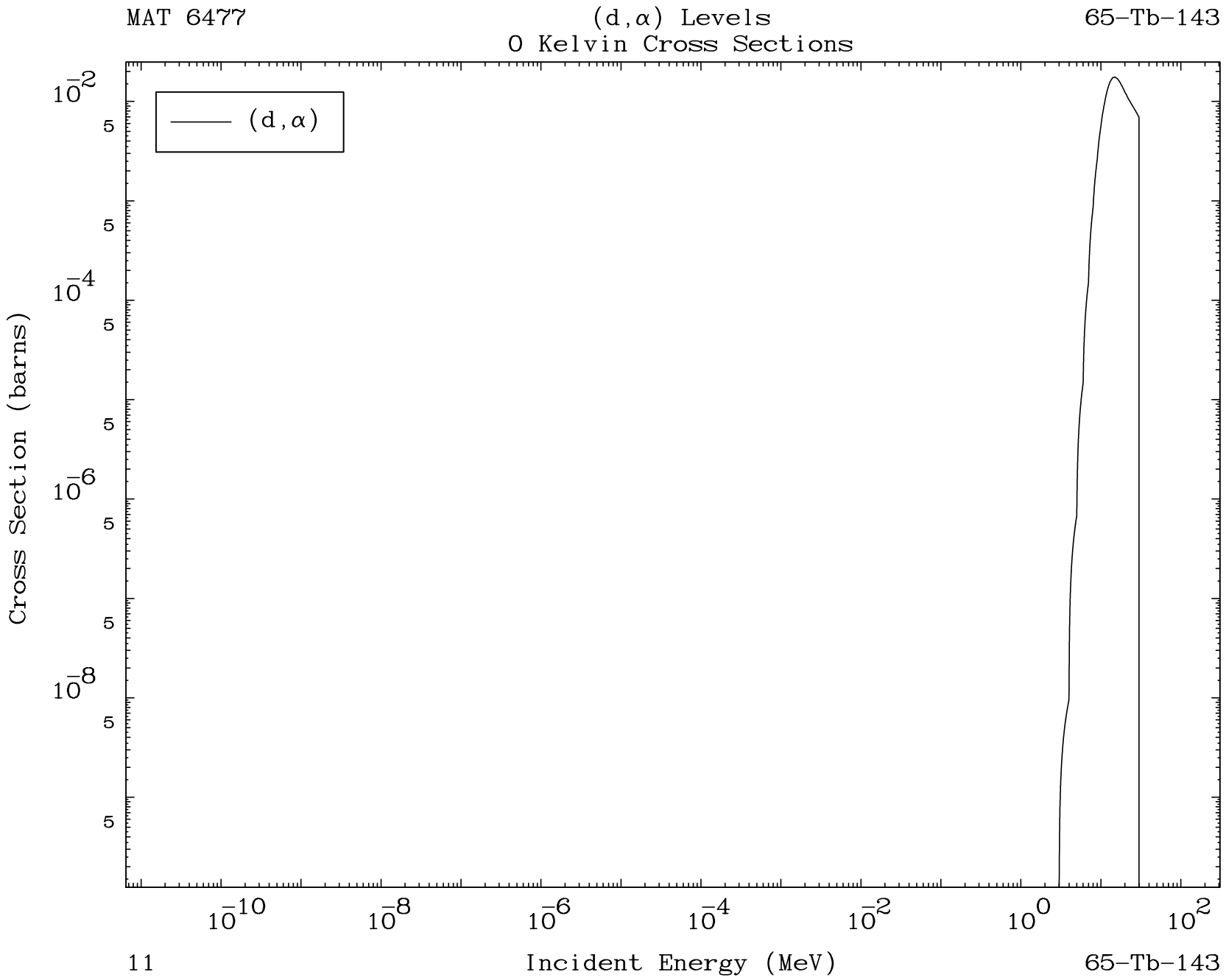

MAT 6477
(d,n') Level
65-Tb-143
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
Incident Energy (MeV)
6
65-Tb-143

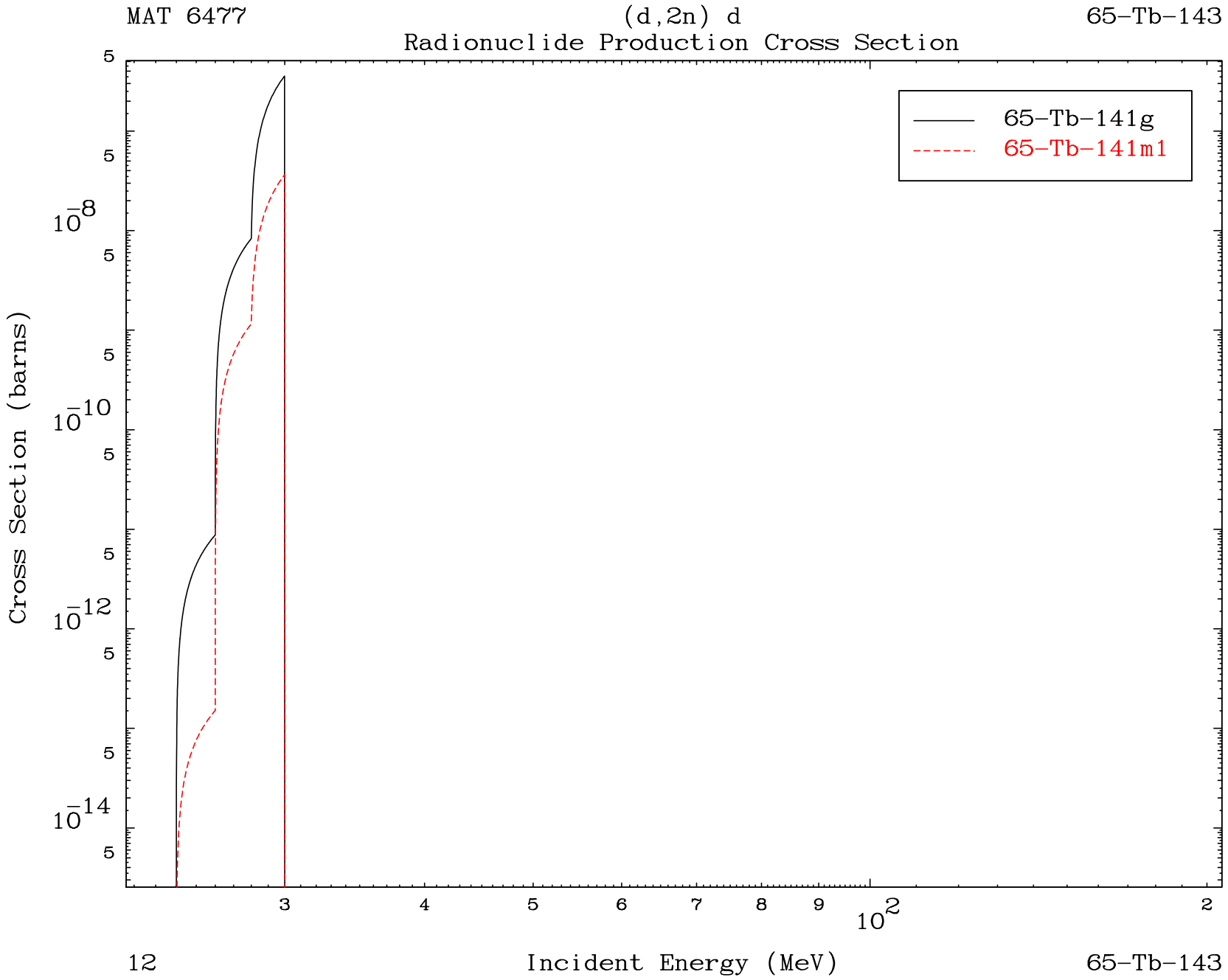

MAT 6477
(d,p) Levels
65-Tb-143
0 Kelvin Cross Sections
(d,p)
Cross Section (barns)
Incident Energy (MeV)
7
65-Tb-143

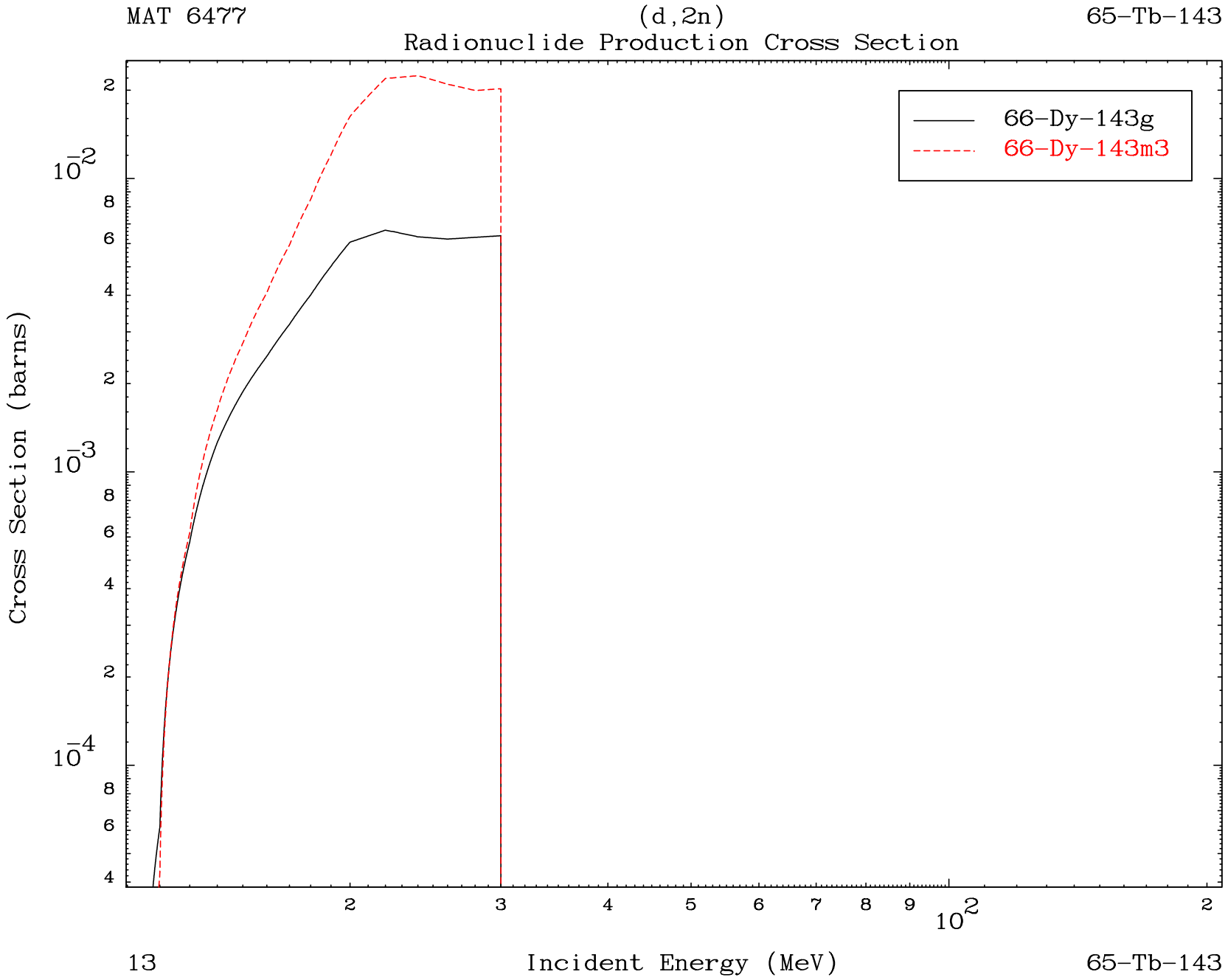

0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)

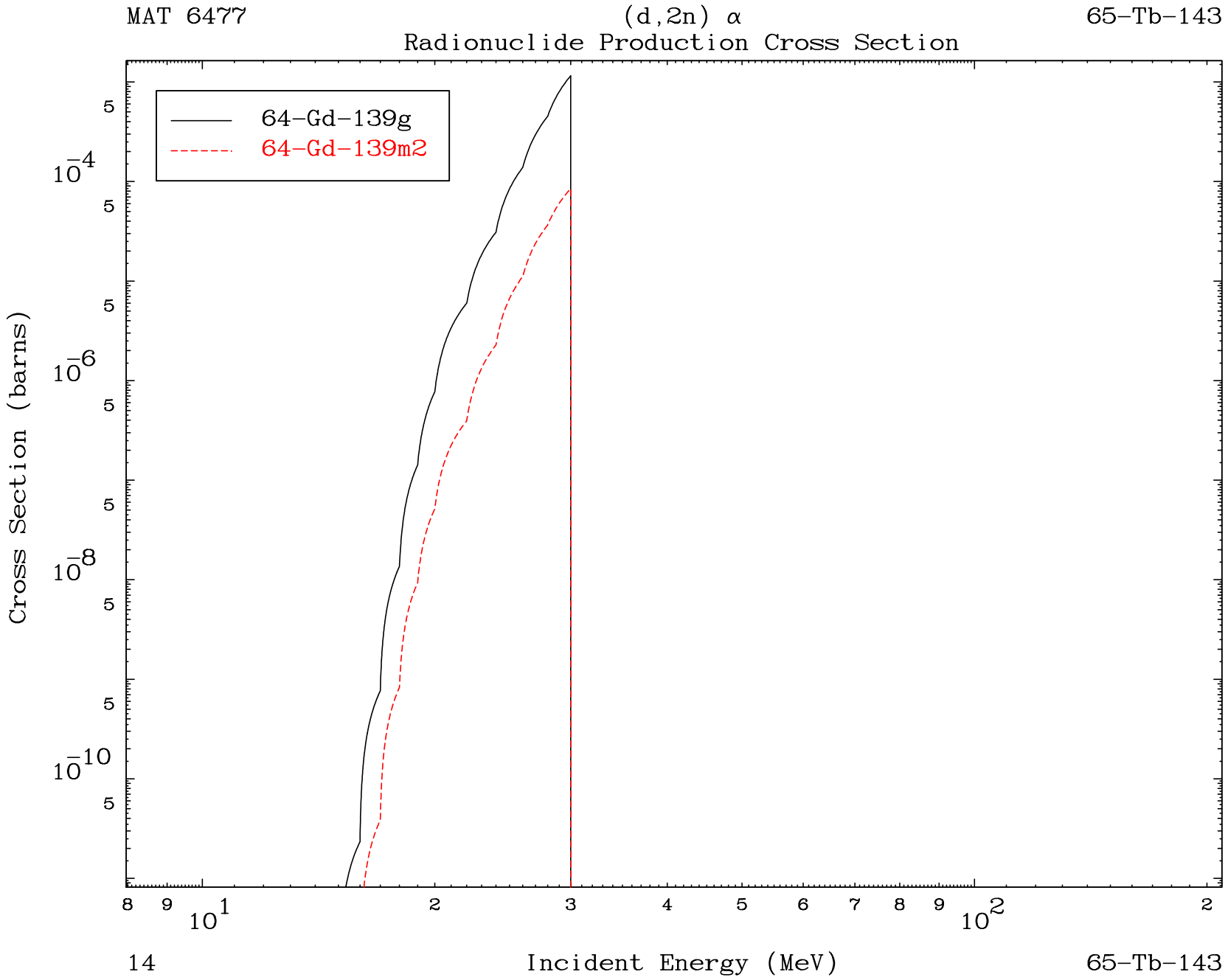

MAT 6477
(d,t) Levels
65-Tb-143
0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
Incident Energy (MeV)
9
65-Tb-143

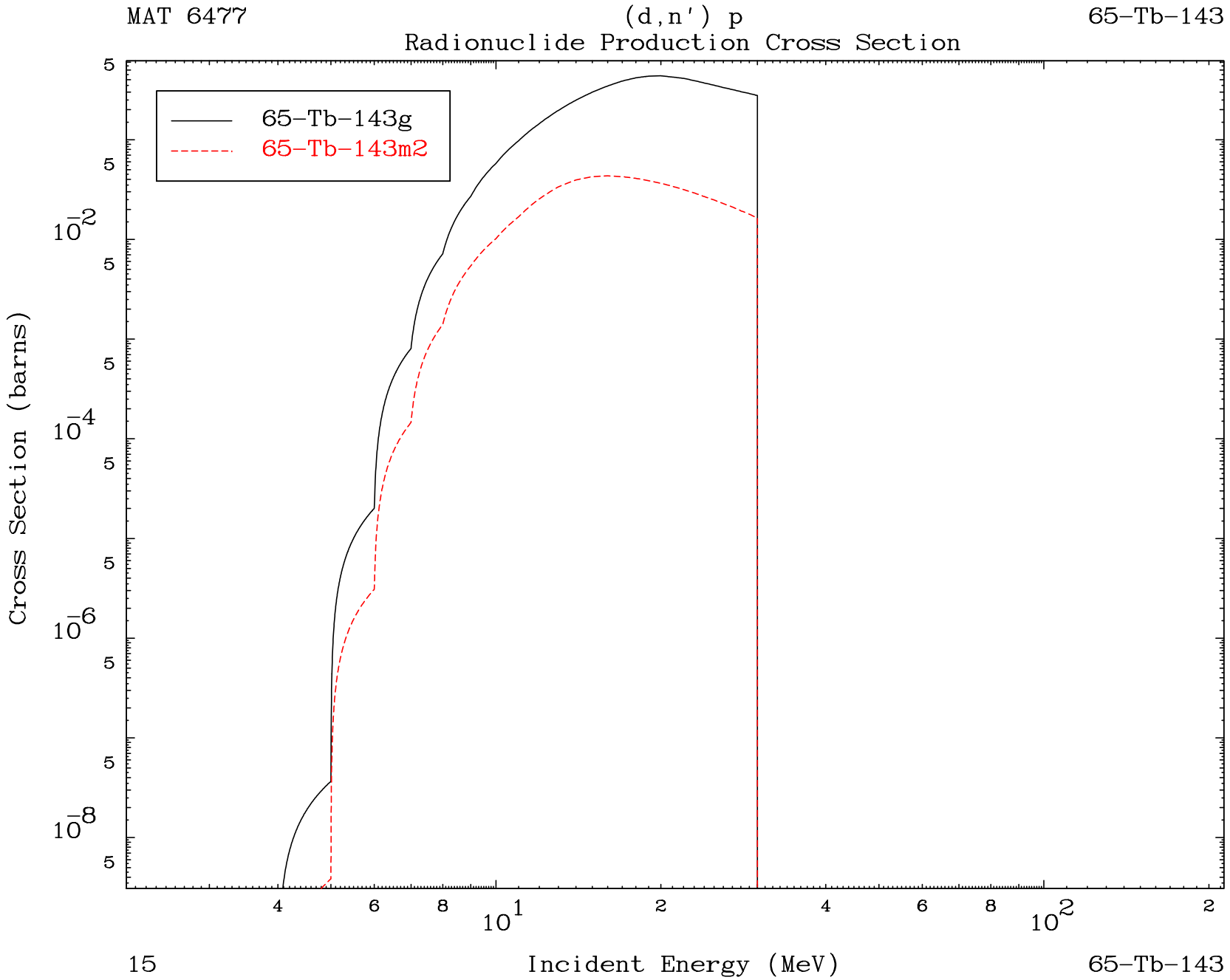

MAT 6477
(d,He3) Levels
65-Tb-143
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
65-Tb-143

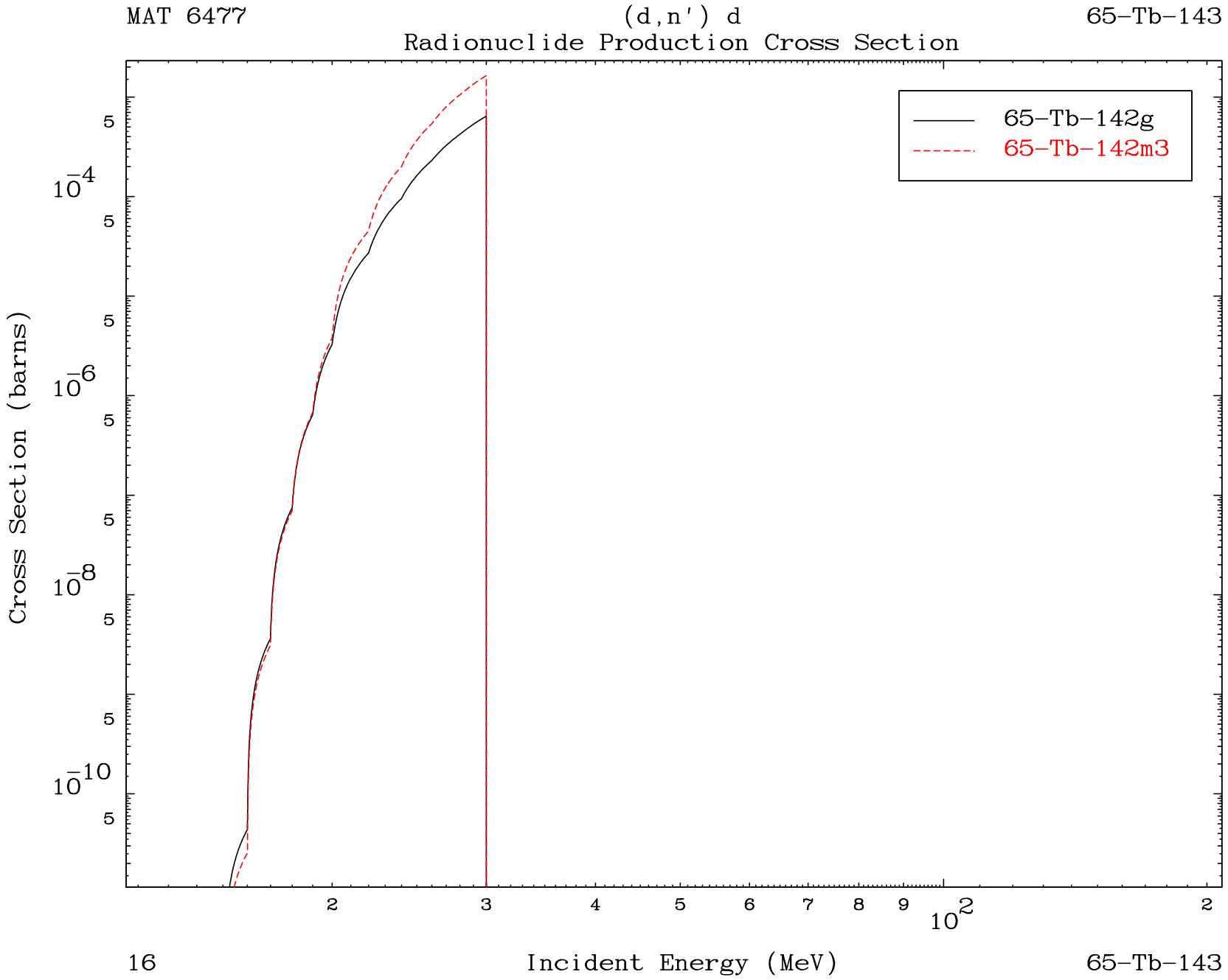

MAT 6477
(d,α) Levels
65-Tb-143
0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
Incident Energy (MeV)
11
65-Tb-143

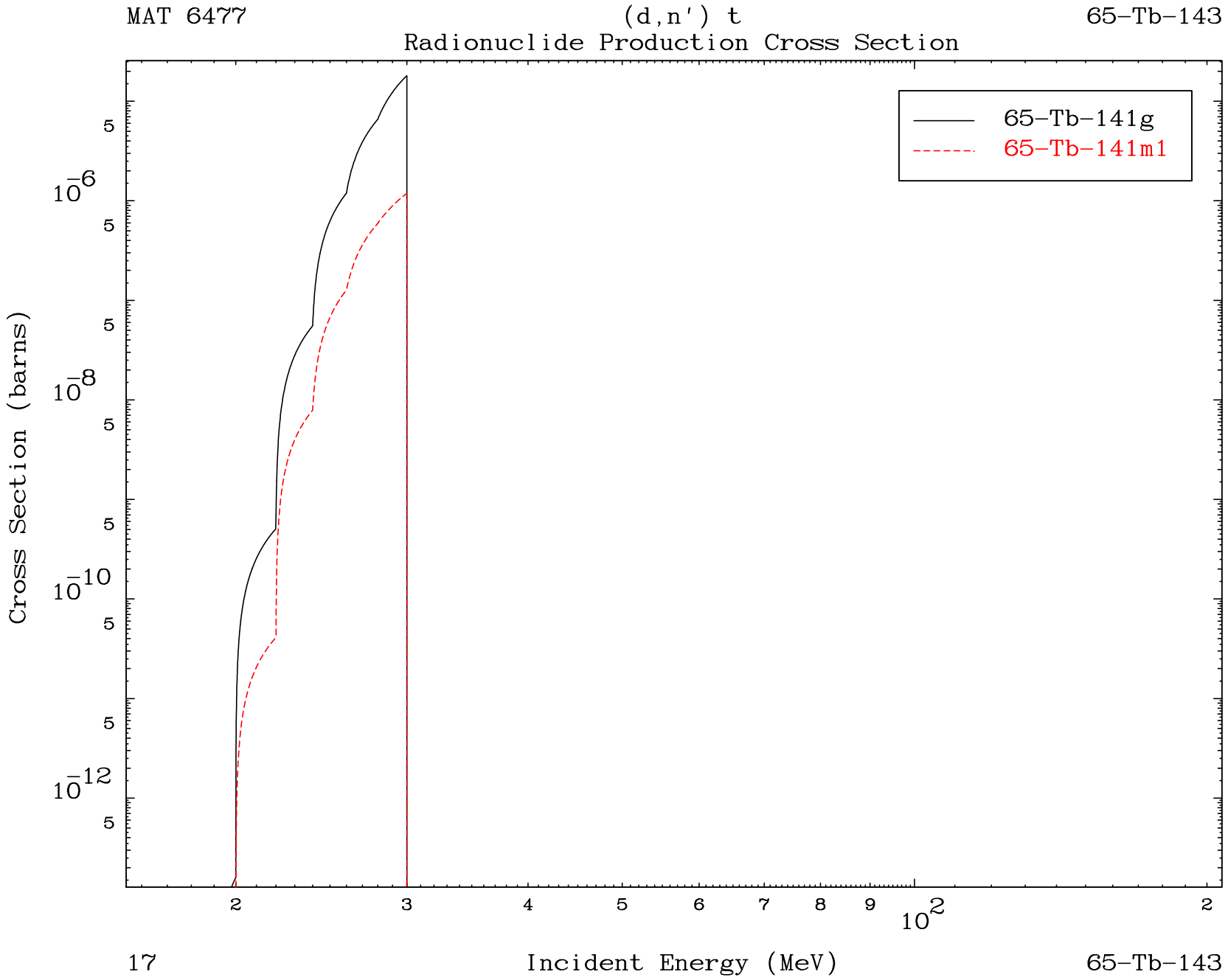

MAT 6477
(d,2n) d
65-Tb-143
Radionuclide Production Cross Section
65-Tb-141g
65-Tb-141m1
Cross Section (barns)
Incident Energy (MeV)
12
65-Tb-143

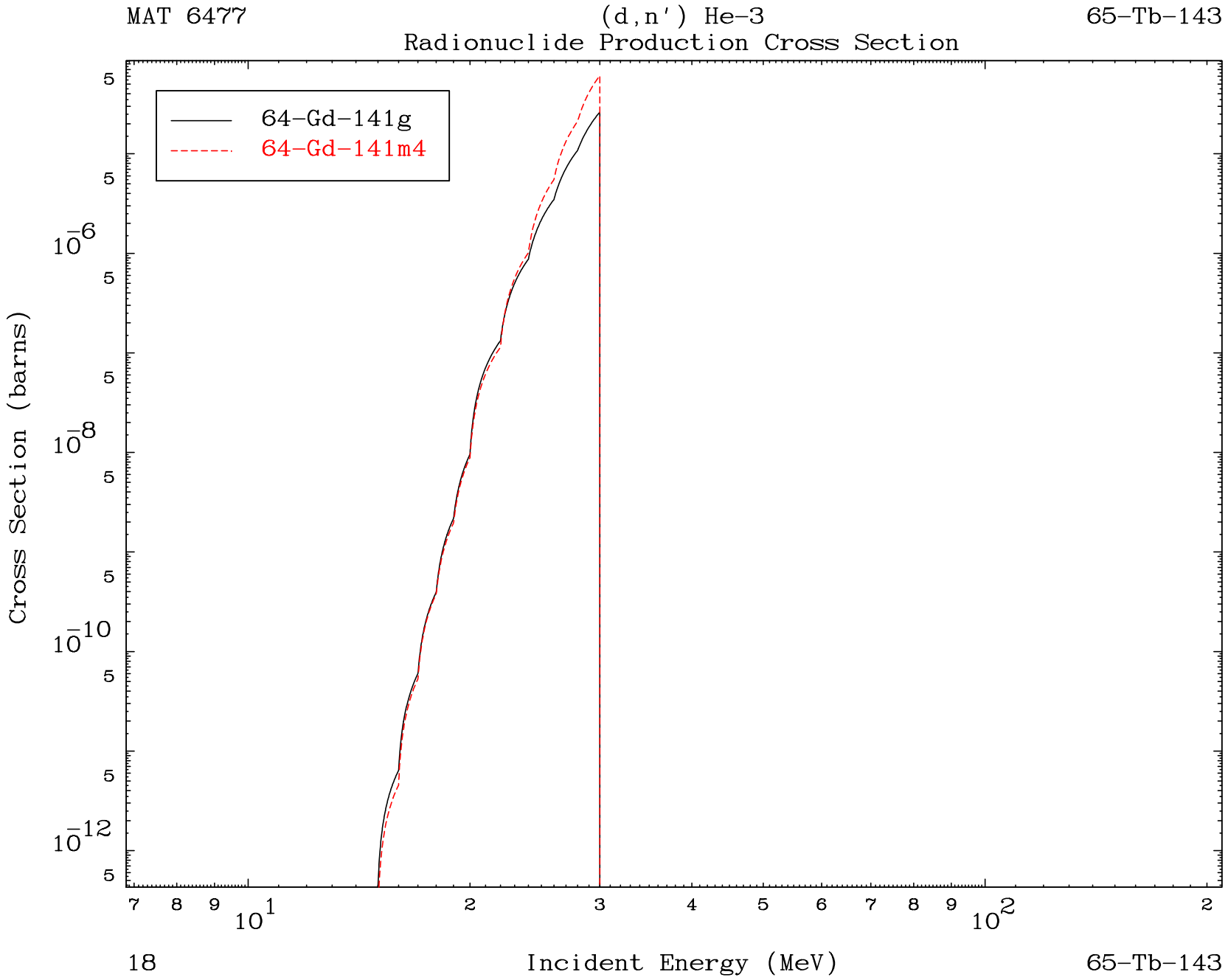

MAT 6477
(d,2n)
65-Tb-143
Radionuclide Production Cross Section
66-Dy-143g
66-Dy-143m3
Cross Section (barns)
Incident Energy (MeV)
13
65-Tb-143

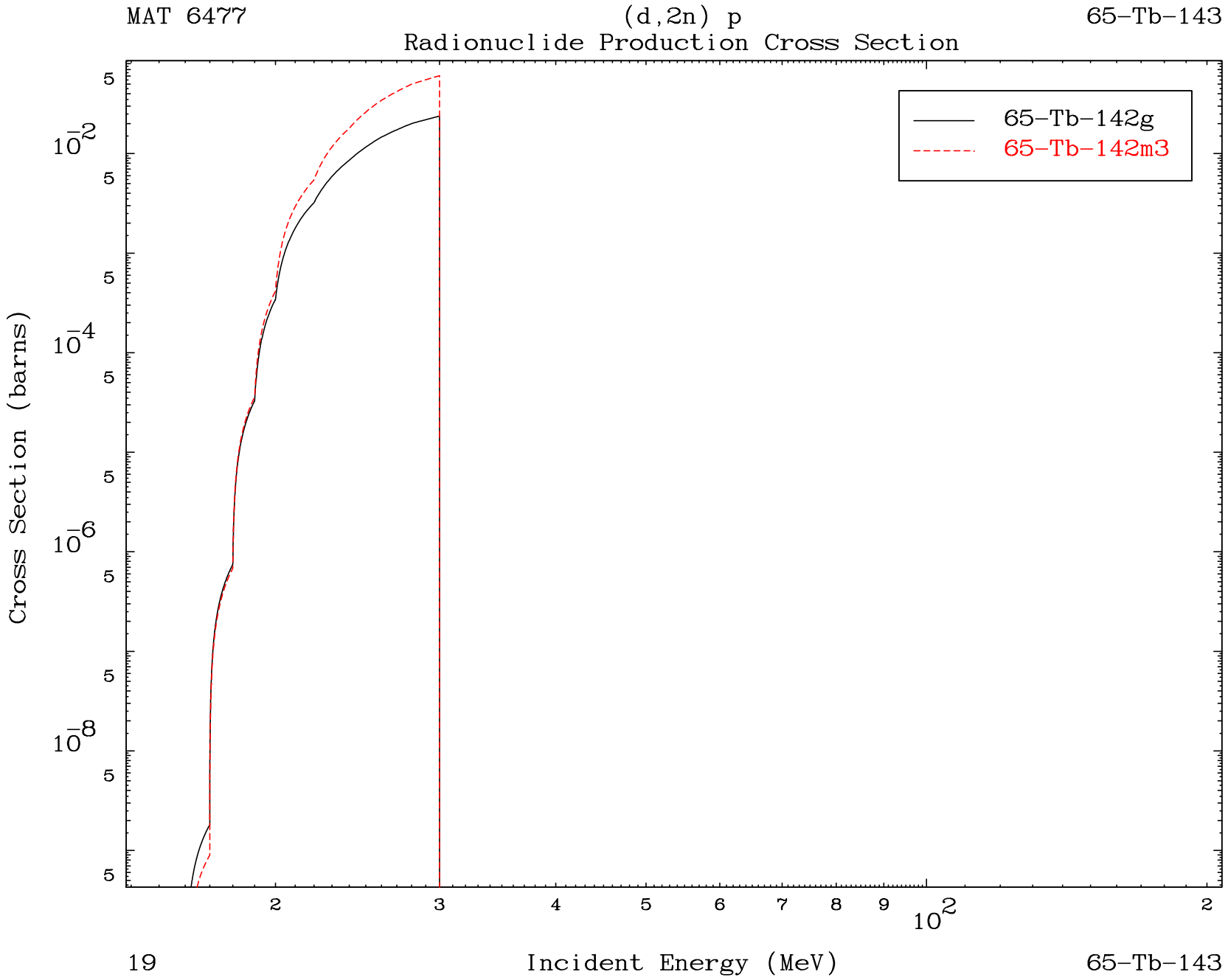

MAT 6477
(d,2n) α
65-Tb-143
Radionuclide Production Cross Section
64-Gd-139g
64-Gd-139m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
14
65-Tb-143

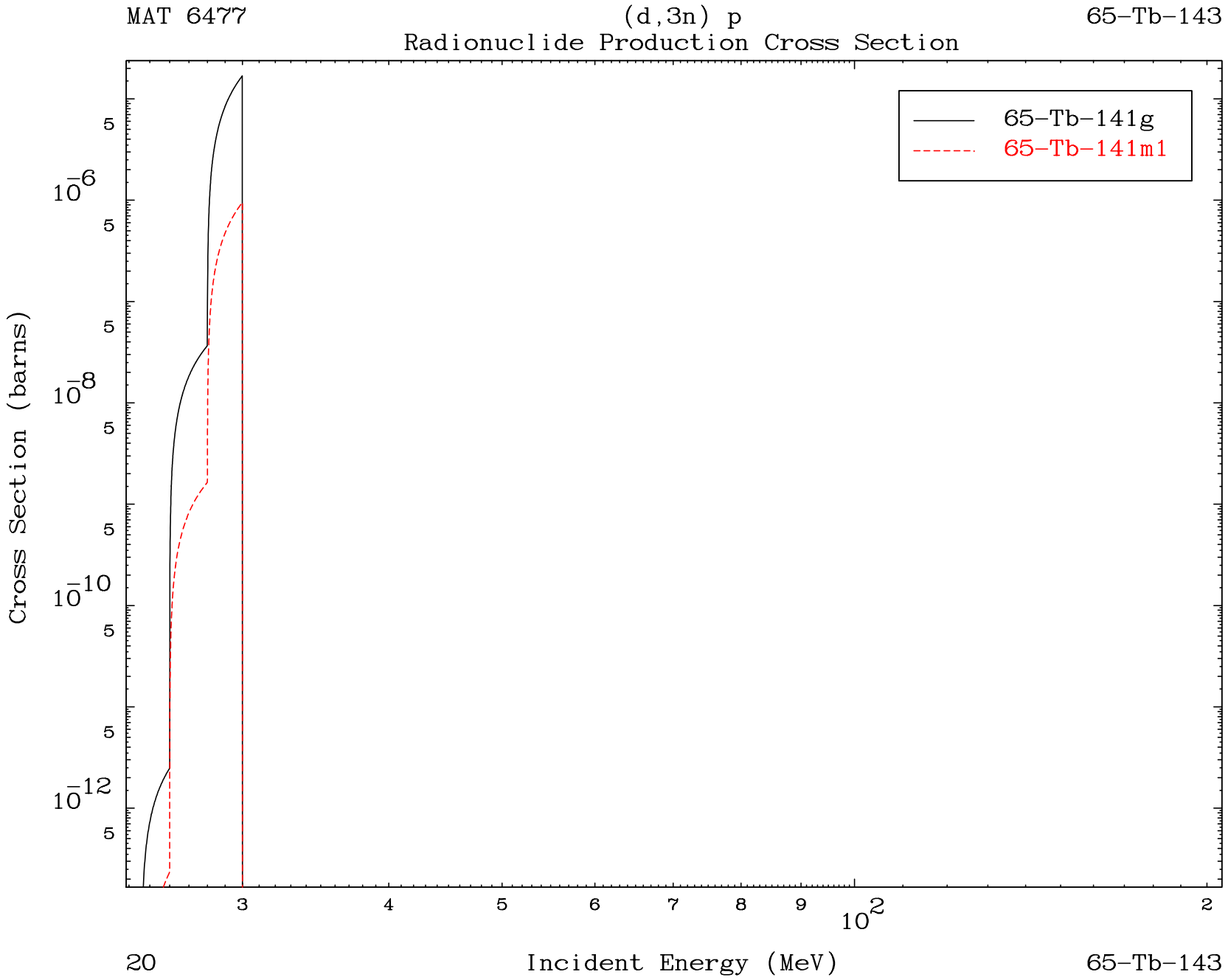

MAT 6477
(d,n') p
65-Tb-143
Radionuclide Production Cross Section
65-Tb-143g
65-Tb-143m2
Cross Section (barns)
Incident Energy (MeV)
15
65-Tb-143

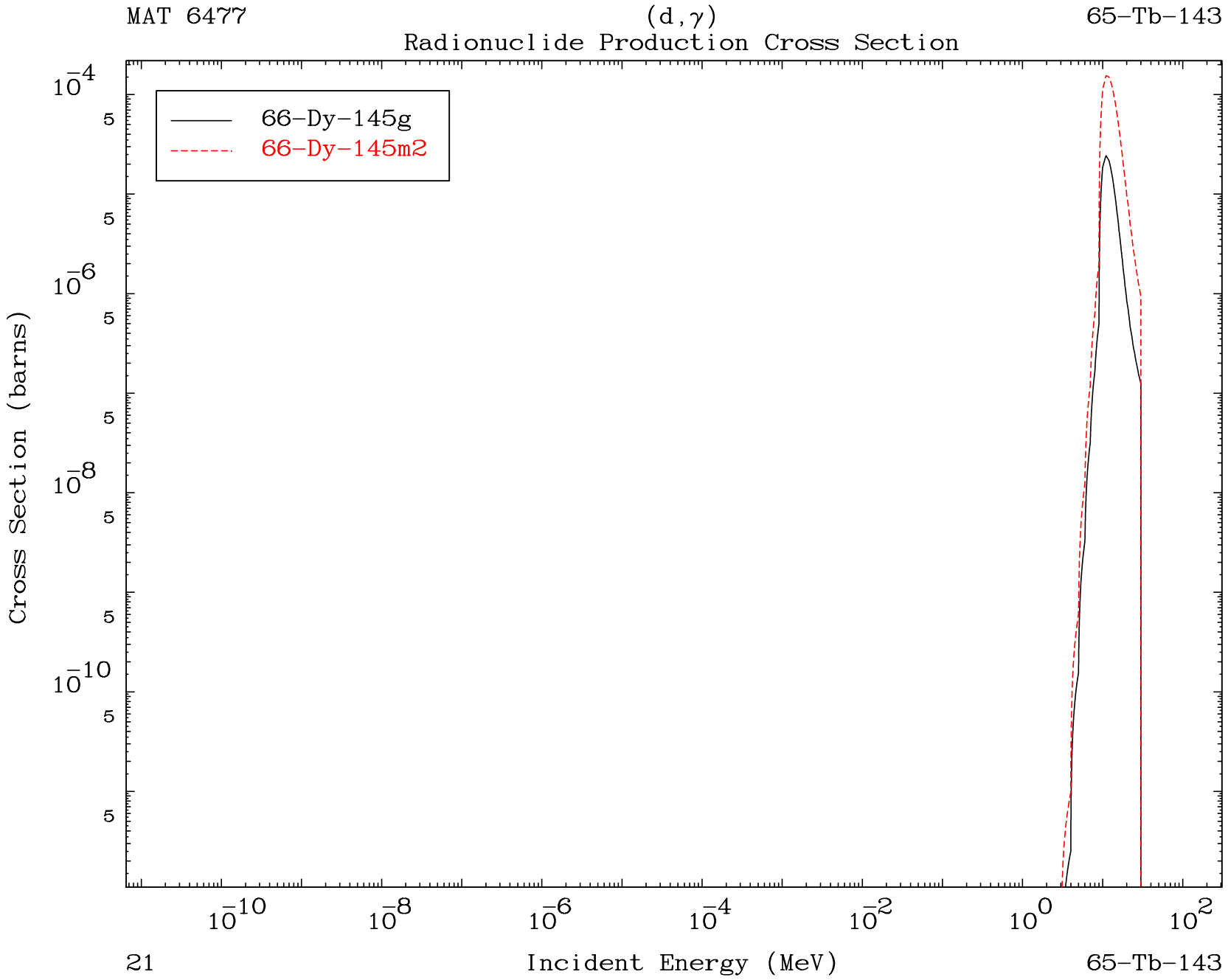

MAT 6477
(d,n') d
65-Tb-143
Radionuclide Production Cross Section
65-Tb-142g
65-Tb-142m3
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
16
65-Tb-143

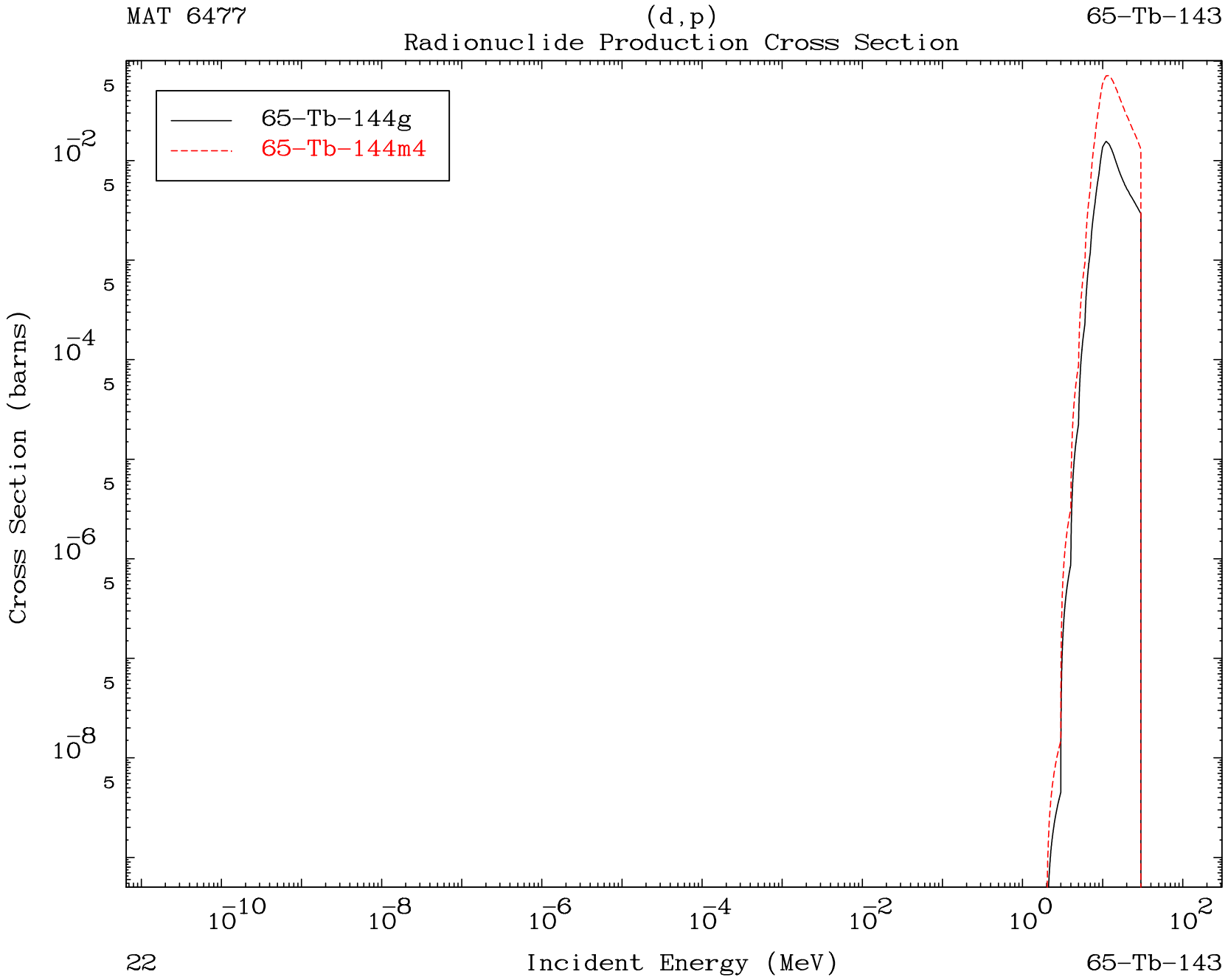

MAT 6477
(d,n') t
65-Tb-143
Radionuclide Production Cross Section
65-Tb-141g
65-Tb-141m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
17
Incident Energy (MeV)
65-Tb-143

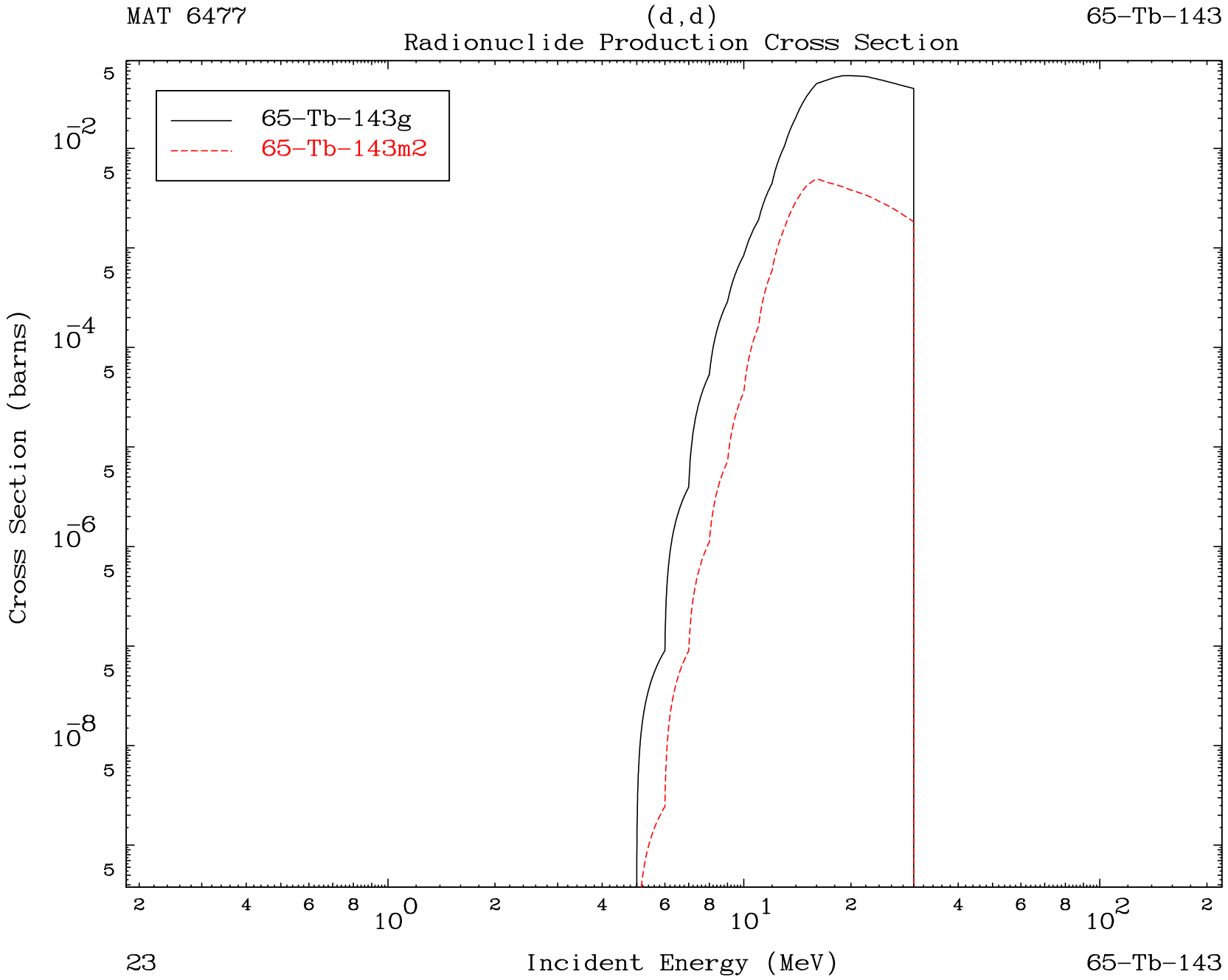

MAT 6477
(d,n') He-3
65-Tb-143
Radionuclide Production Cross Section
64-Gd-141g
64-Gd-141m4
Cross Section (barns)
Incident Energy (MeV)
18
65-Tb-143

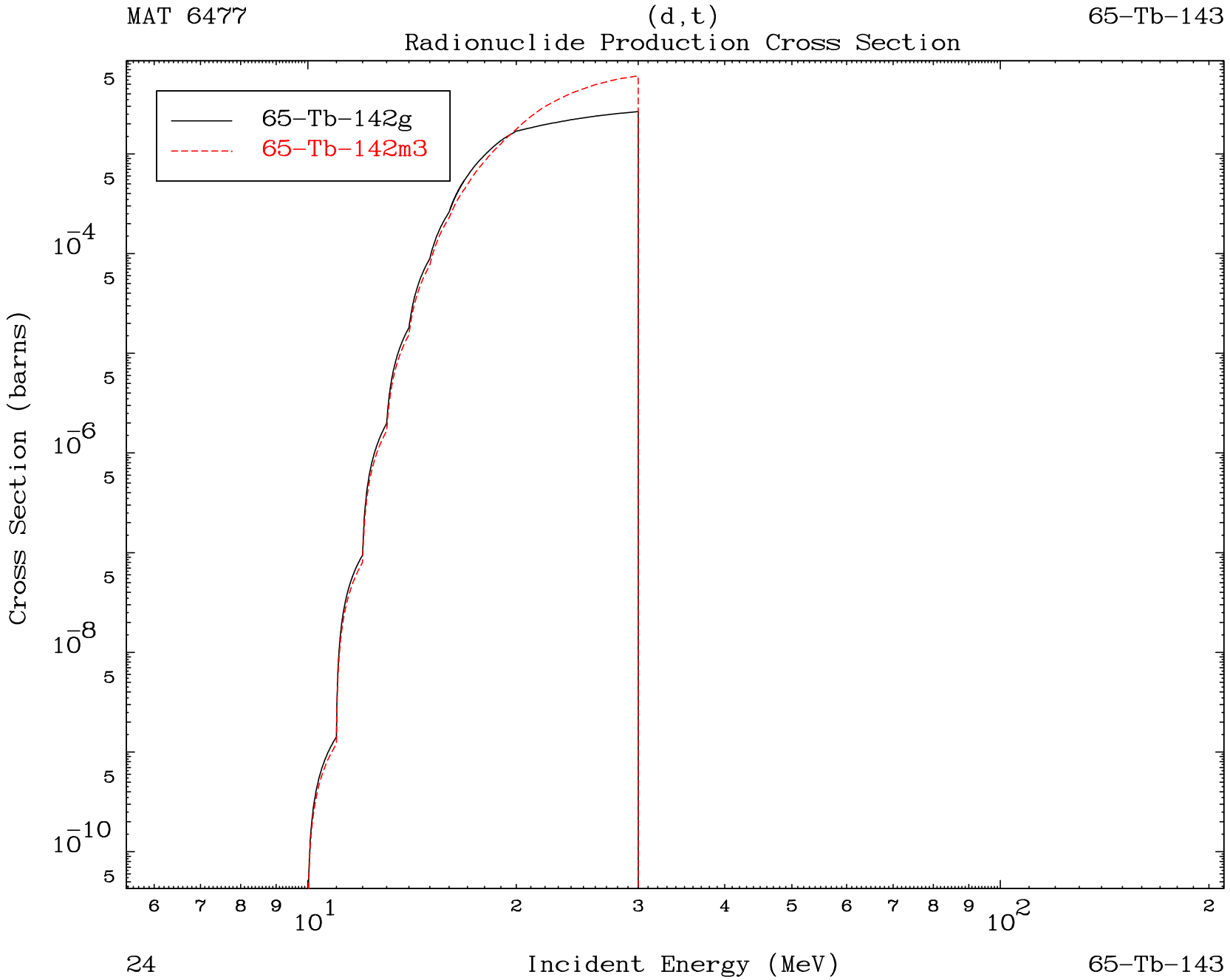

MAT 6477
(d,2n) p
65-Tb-143
Radionuclide Production Cross Section
65-Tb-142g
65-Tb-142m3
Cross Section (barns)
Incident Energy (MeV)
19
65-Tb-143

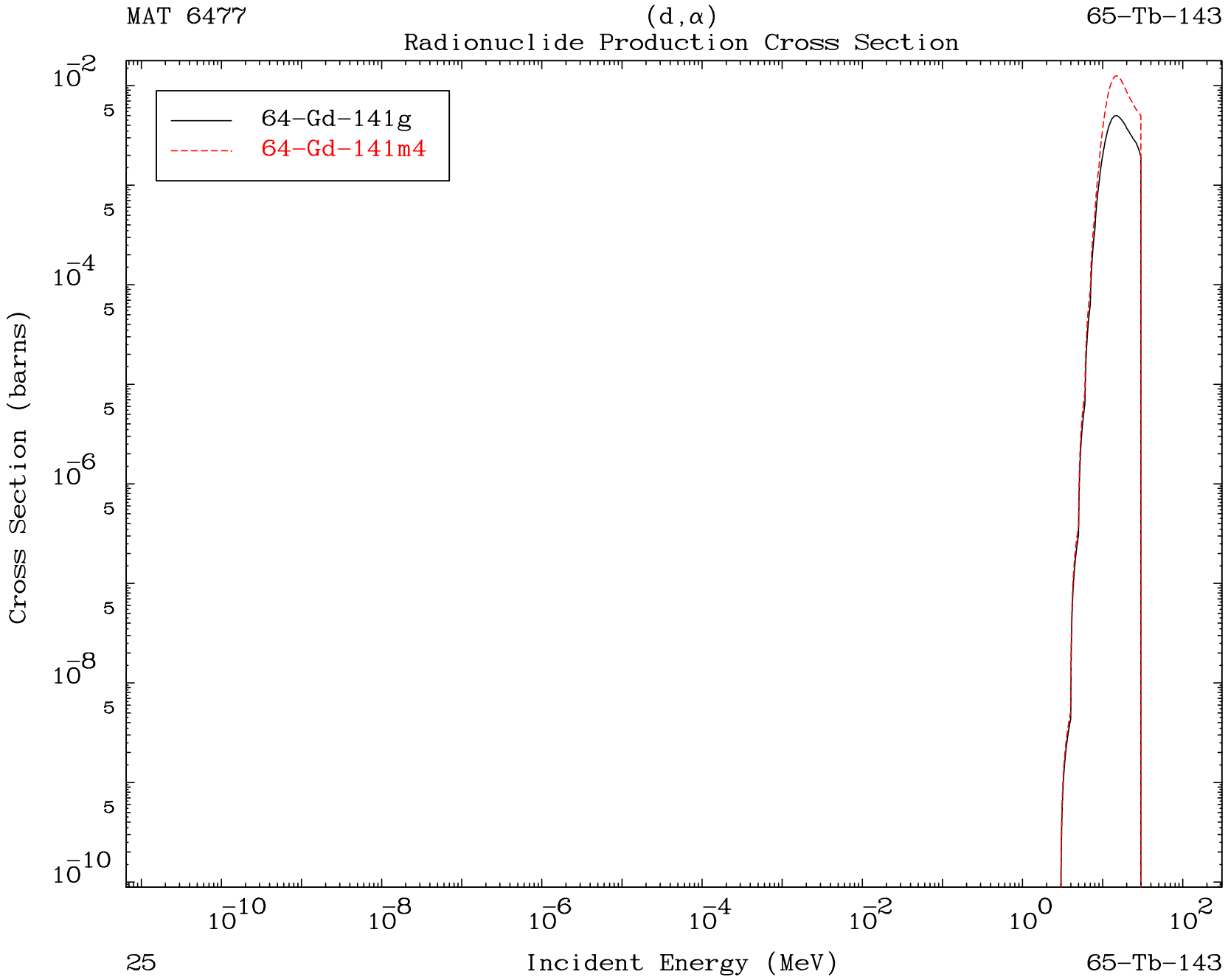

MAT 6477
(d,3n) p
65-Tb-143
Radionuclide Production Cross Section
65-Tb-141g
65-Tb-141m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
3
4
5
6
7
8
9
10 2
2
20
Incident Energy (MeV)
65-Tb-143

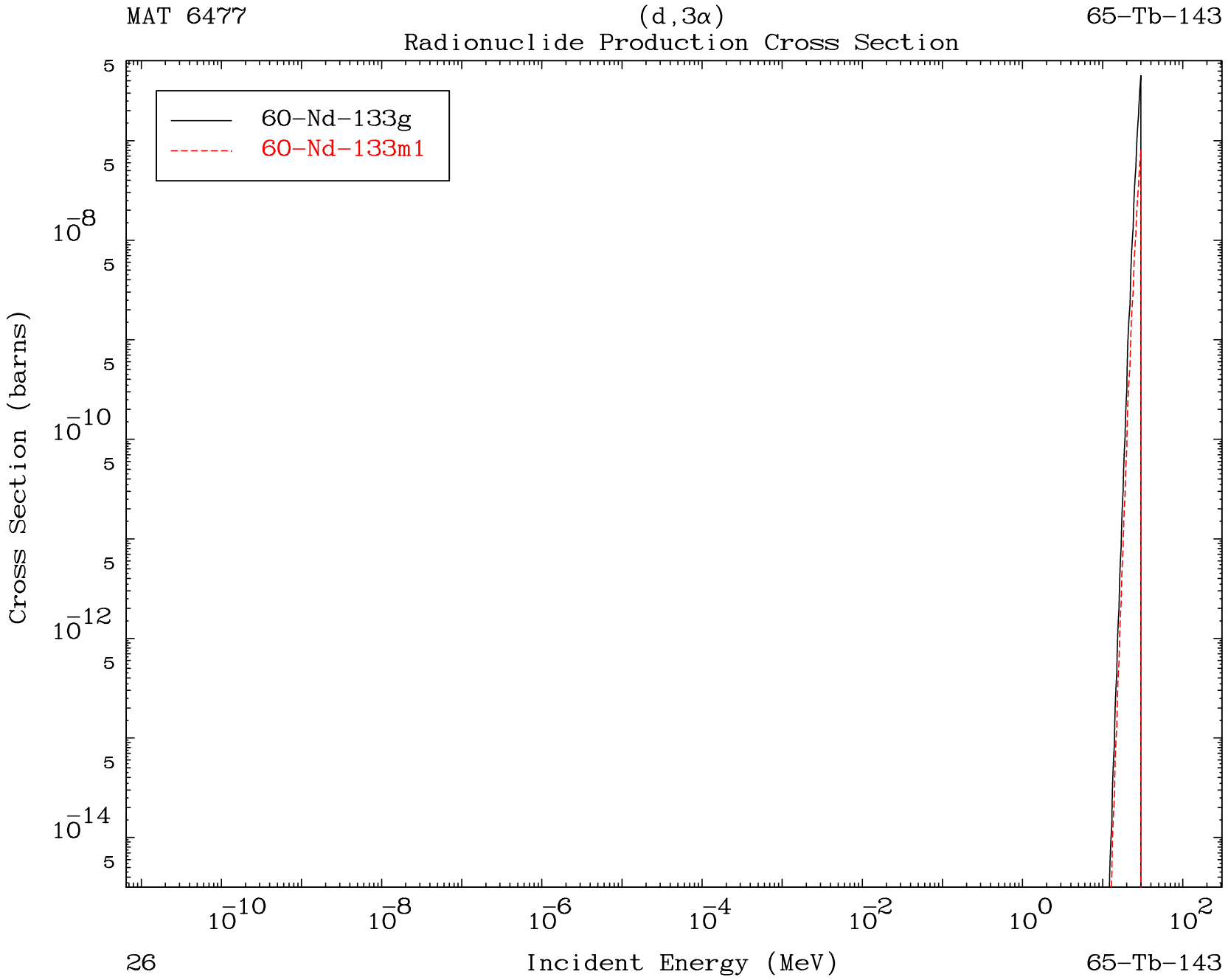

MAT 6477
(d,γ)
65-Tb-143
Radionuclide Production Cross Section
66-Dy-145g
66-Dy-145m2
Cross Section (barns)
Incident Energy (MeV)
21
65-Tb-143

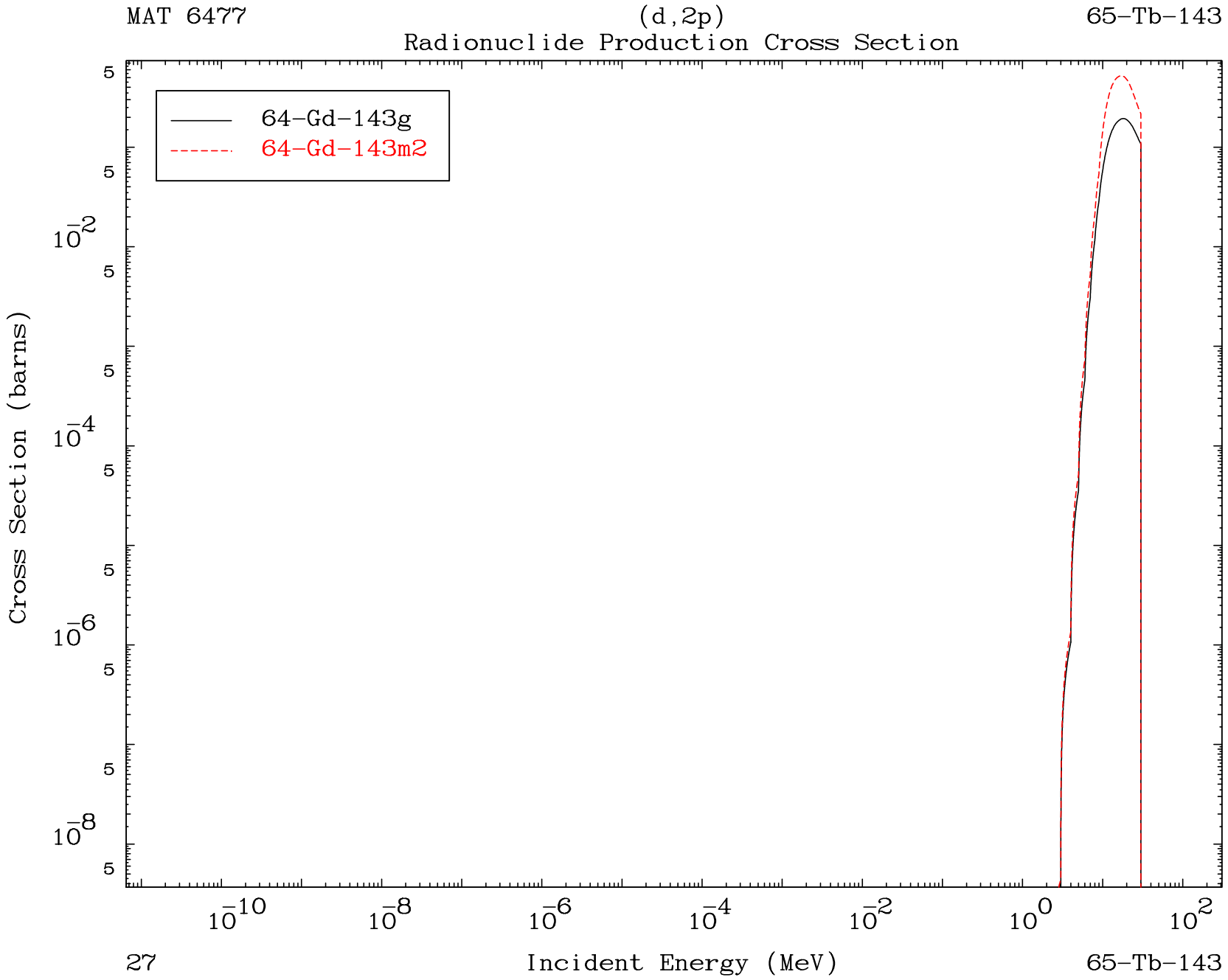

MAT 6477
(d,p)
65-Tb-143
Radionuclide Production Cross Section
65-Tb-144g
65-Tb-144m4
Cross Section (barns)
Incident Energy (MeV)
22
65-Tb-143

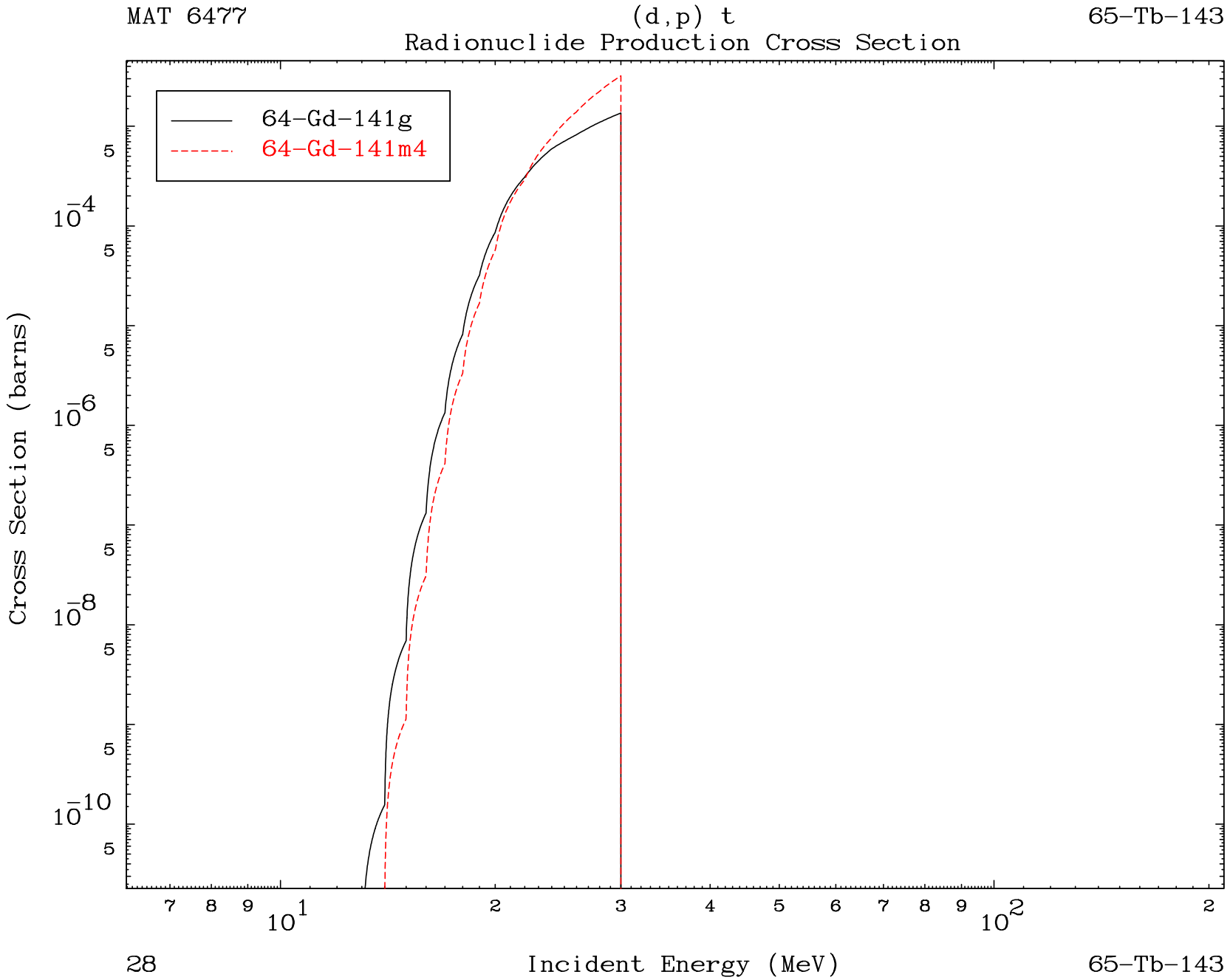

MAT 6477
(d,d)
65-Tb-143
Radionuclide Production Cross Section
65-Tb-143g
65-Tb-143m2
Cross Section (barns)
Incident Energy (MeV)
23
65-Tb-143


MAT 6477
(d,t)
65-Tb-143
Radionuclide Production Cross Section
65-Tb-142g
65-Tb-142m3
Cross Section (barns)
Incident Energy (MeV)
24
65-Tb-143


MAT 6477
(d,α)
65-Tb-143
Radionuclide Production Cross Section
64-Gd-141g
64-Gd-141m4
Cross Section (barns)
Incident Energy (MeV)
25
65-Tb-143


MAT 6477
(d,3α)
65-Tb-143
Radionuclide Production Cross Section
60-Nd-133g
60-Nd-133m1
Cross Section (barns)
Incident Energy (MeV)
26
65-Tb-143


MAT 6477
(d,2p)
65-Tb-143
Radionuclide Production Cross Section
64-Gd-143g
64-Gd-143m2
Cross Section (barns)
Incident Energy (MeV)
27
65-Tb-143


MAT 6477
(d,p) t
65-Tb-143
Radionuclide Production Cross Section
64-Gd-141g
64-Gd-141m4
Cross Section (barns)
10-4
10-6
10-8
10-10
5
7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
28
65-Tb-143