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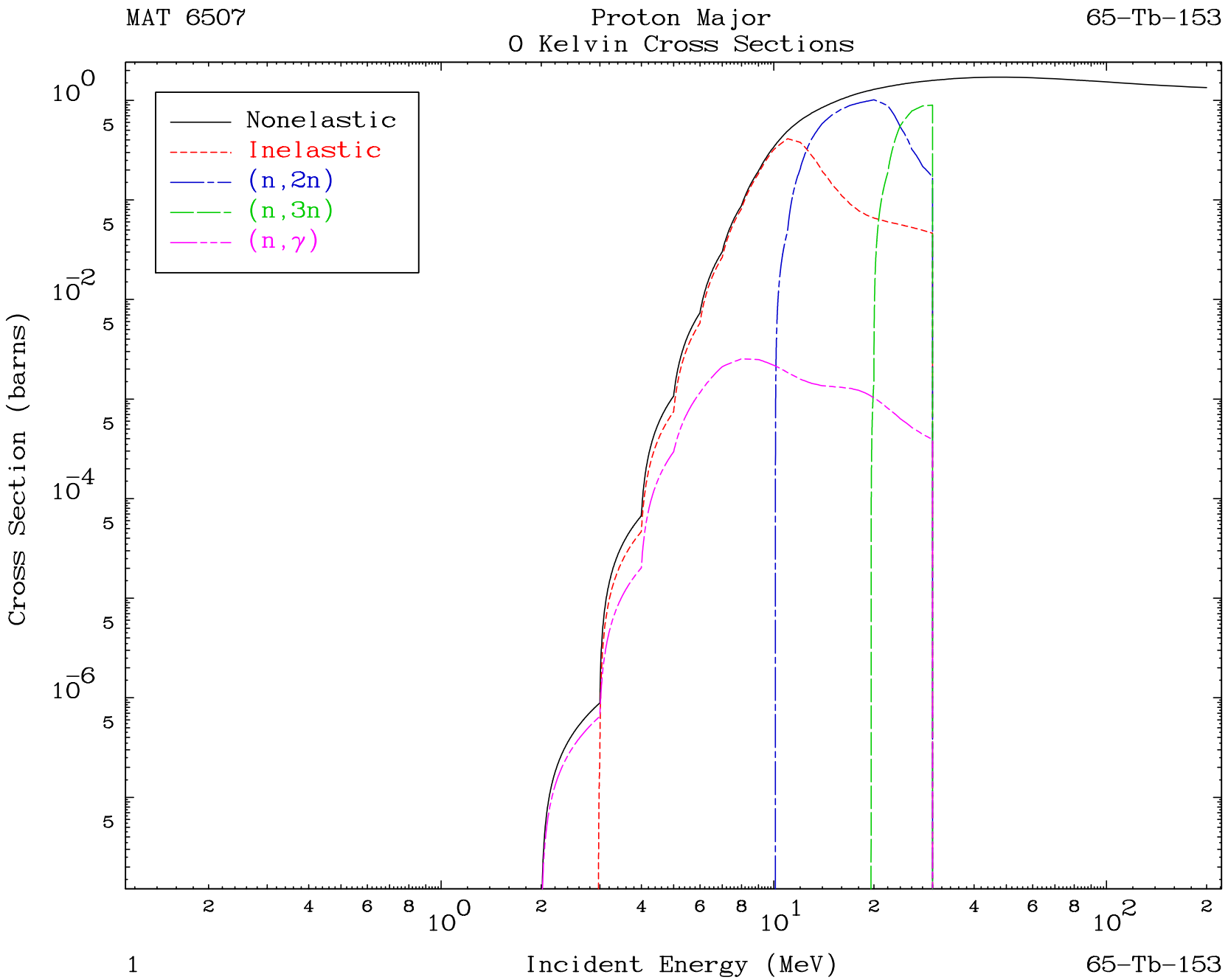
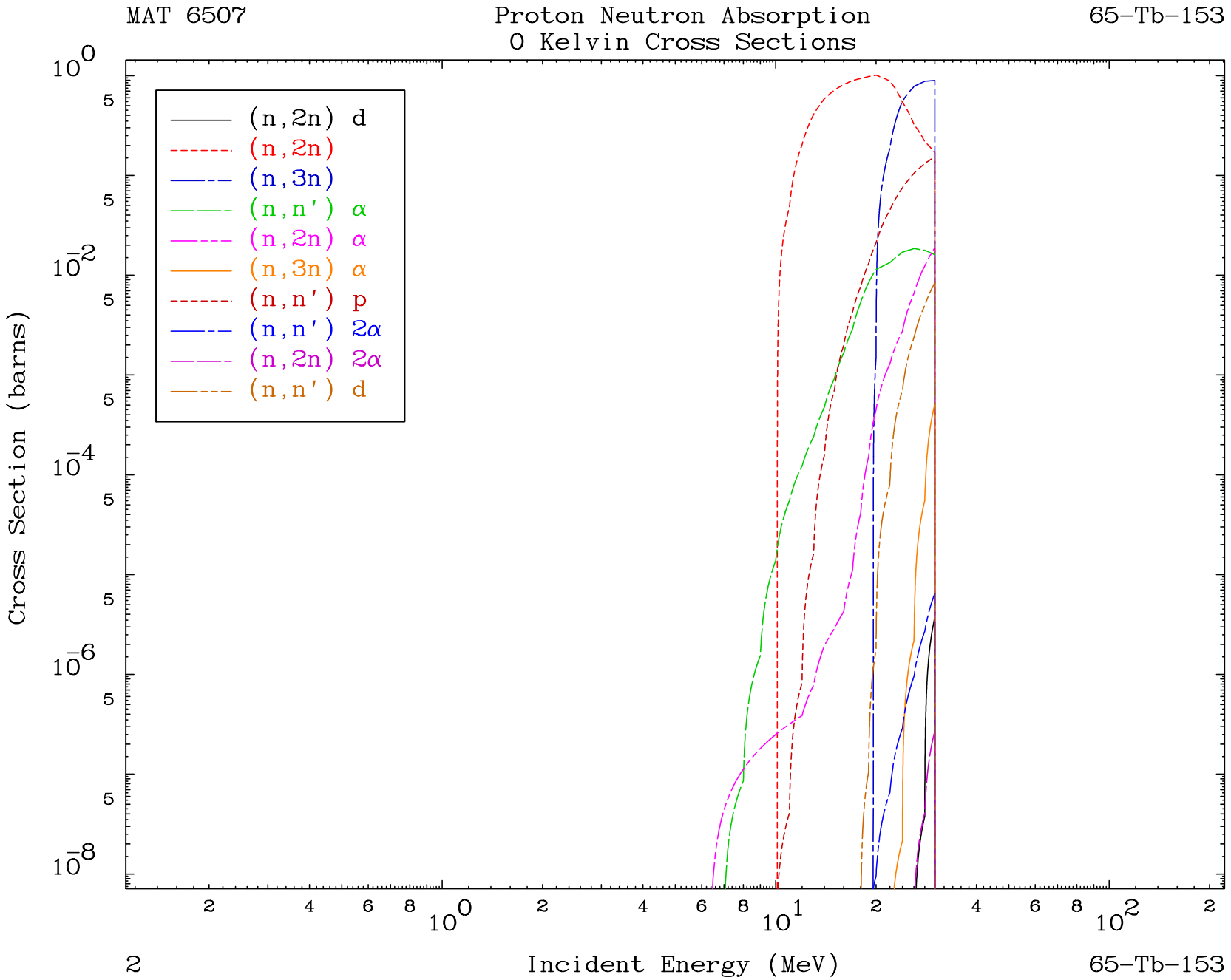
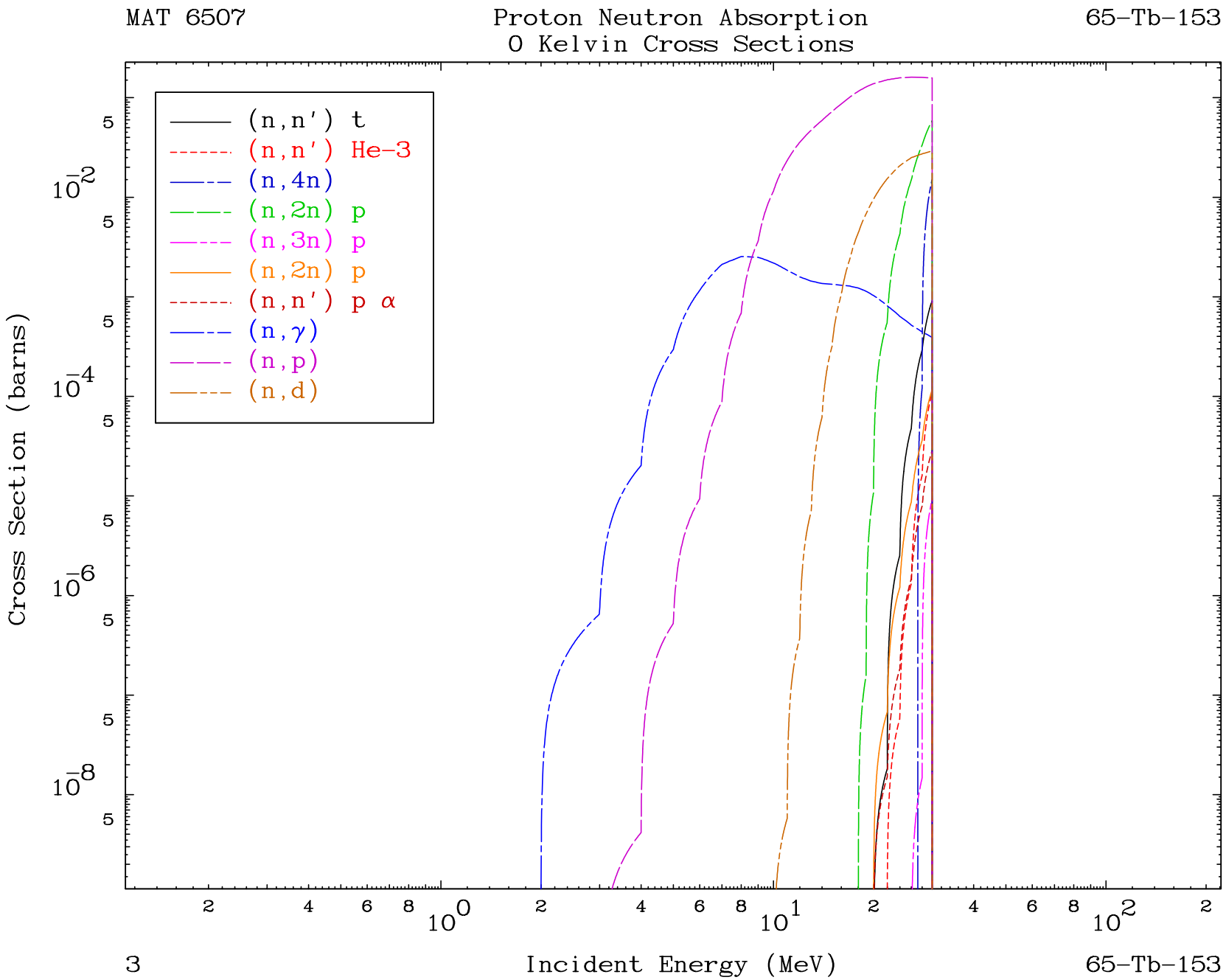
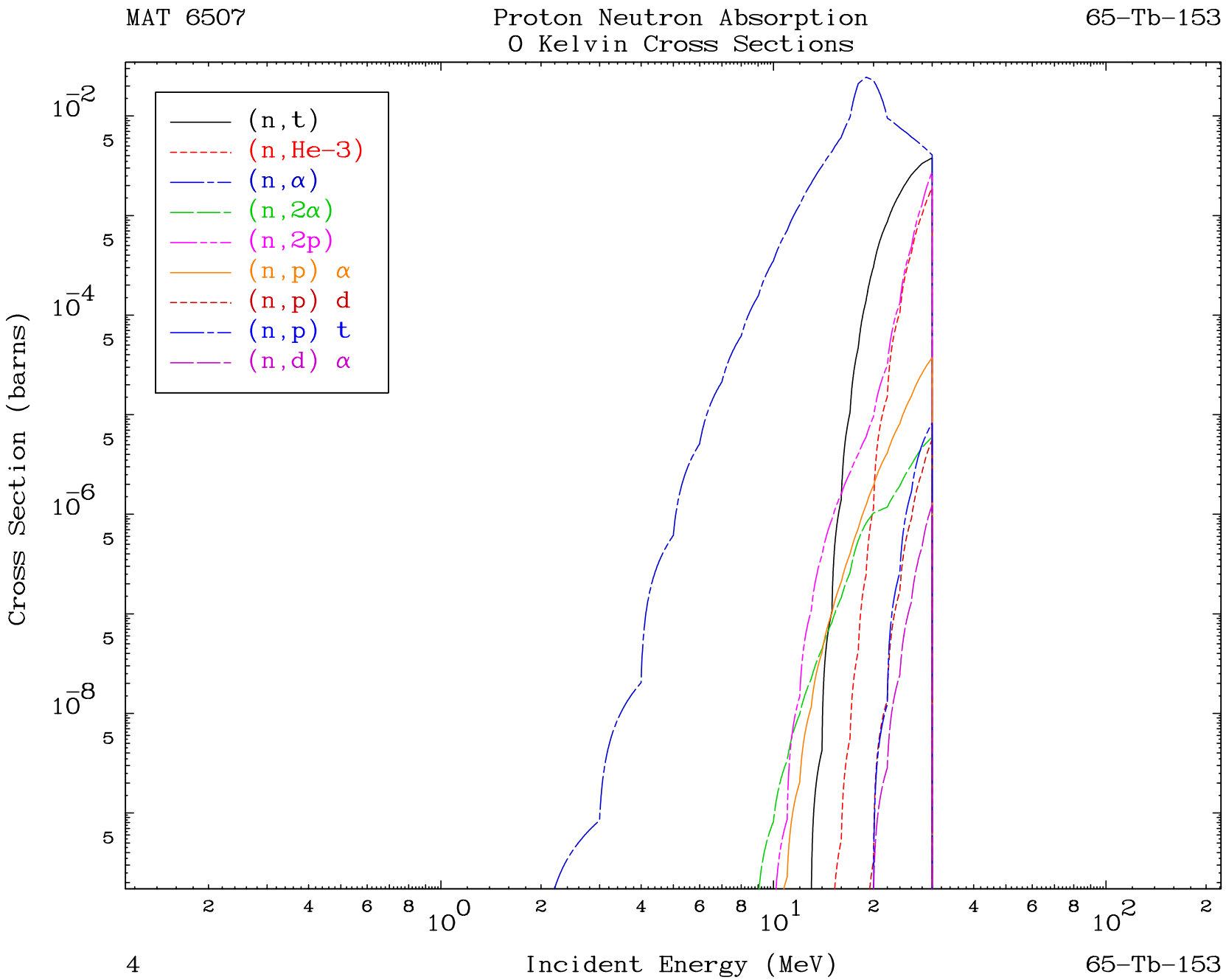
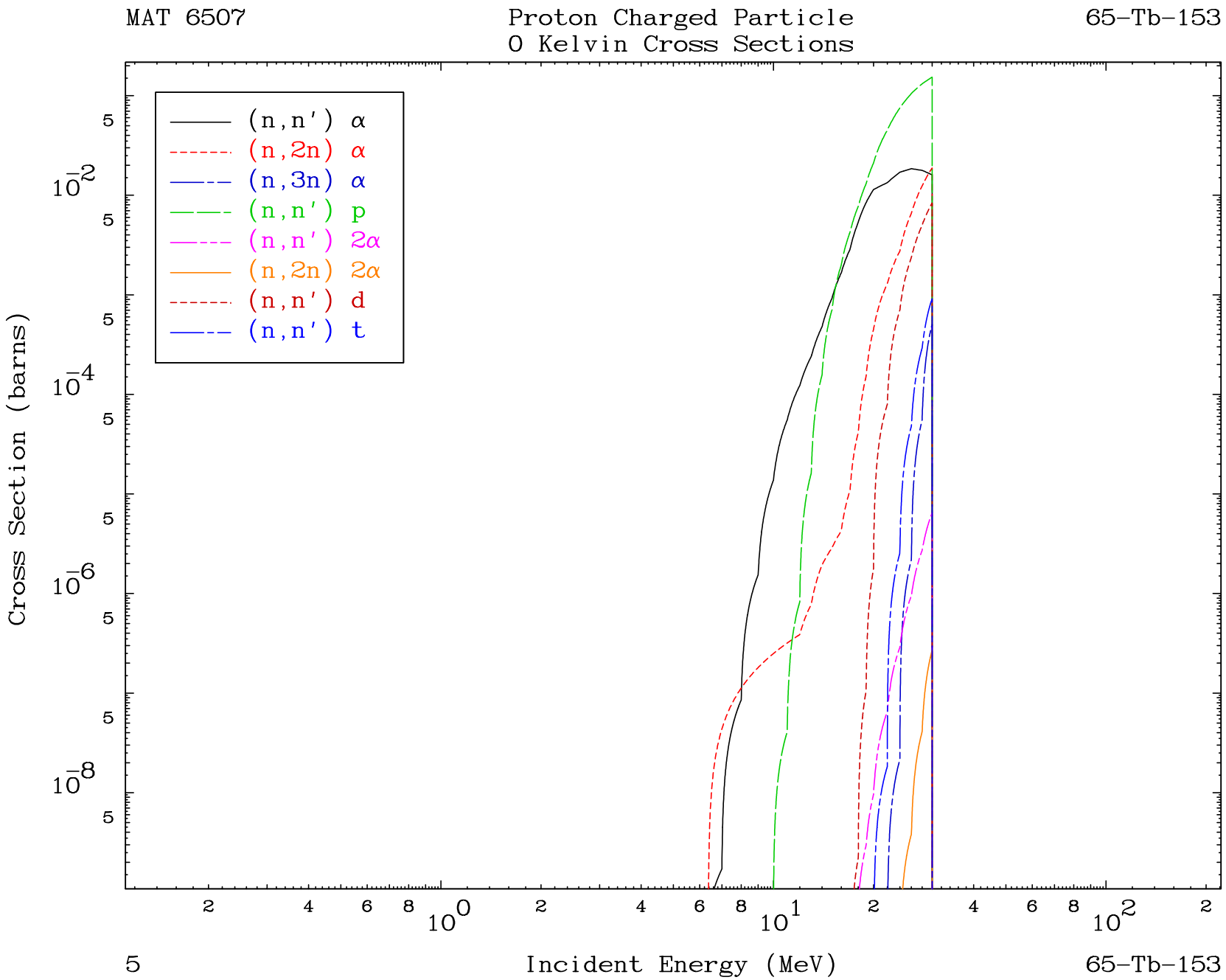
Press Mouse Button to Start

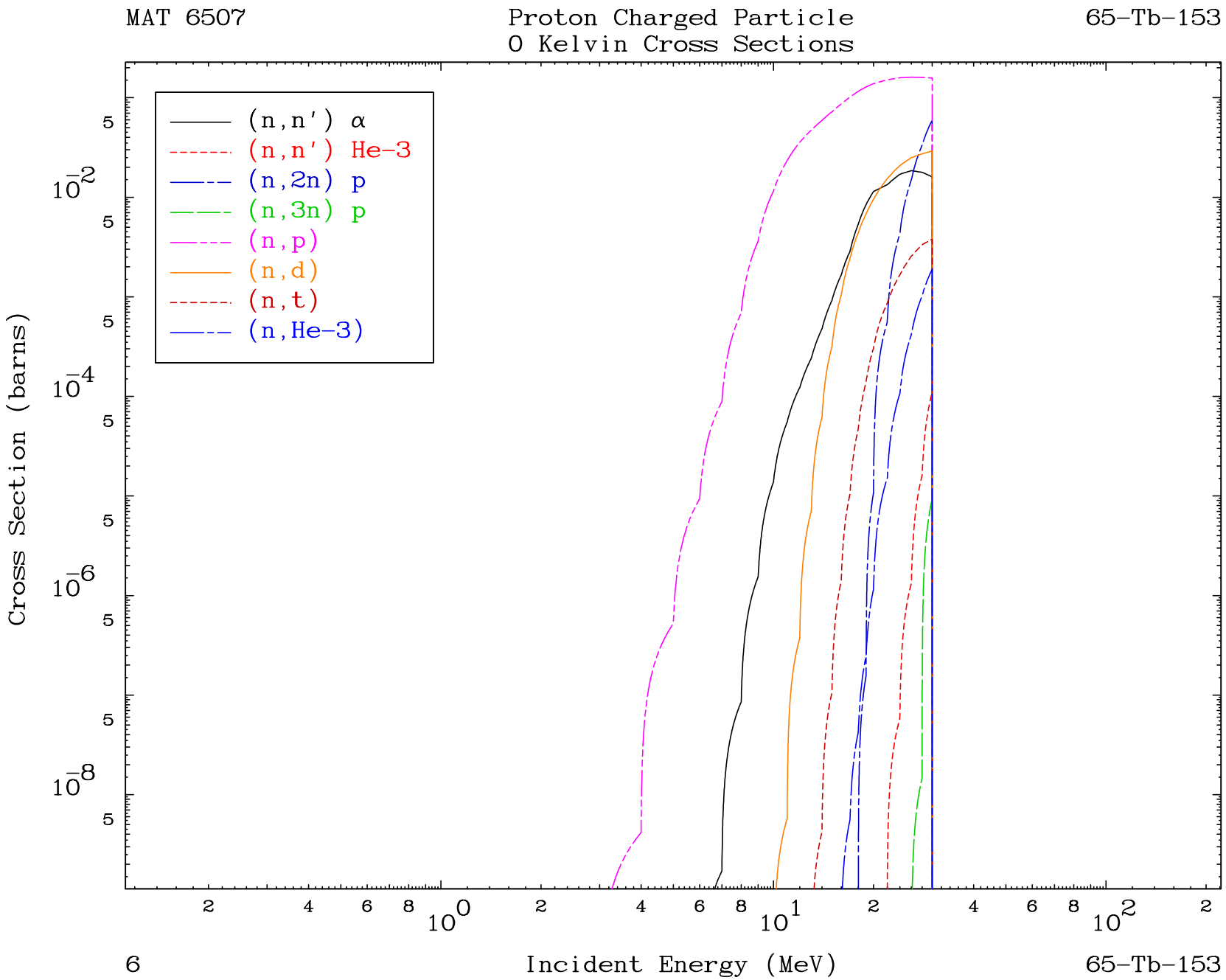

MAT 6507
Proton Major
65-Tb-153
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-153
1

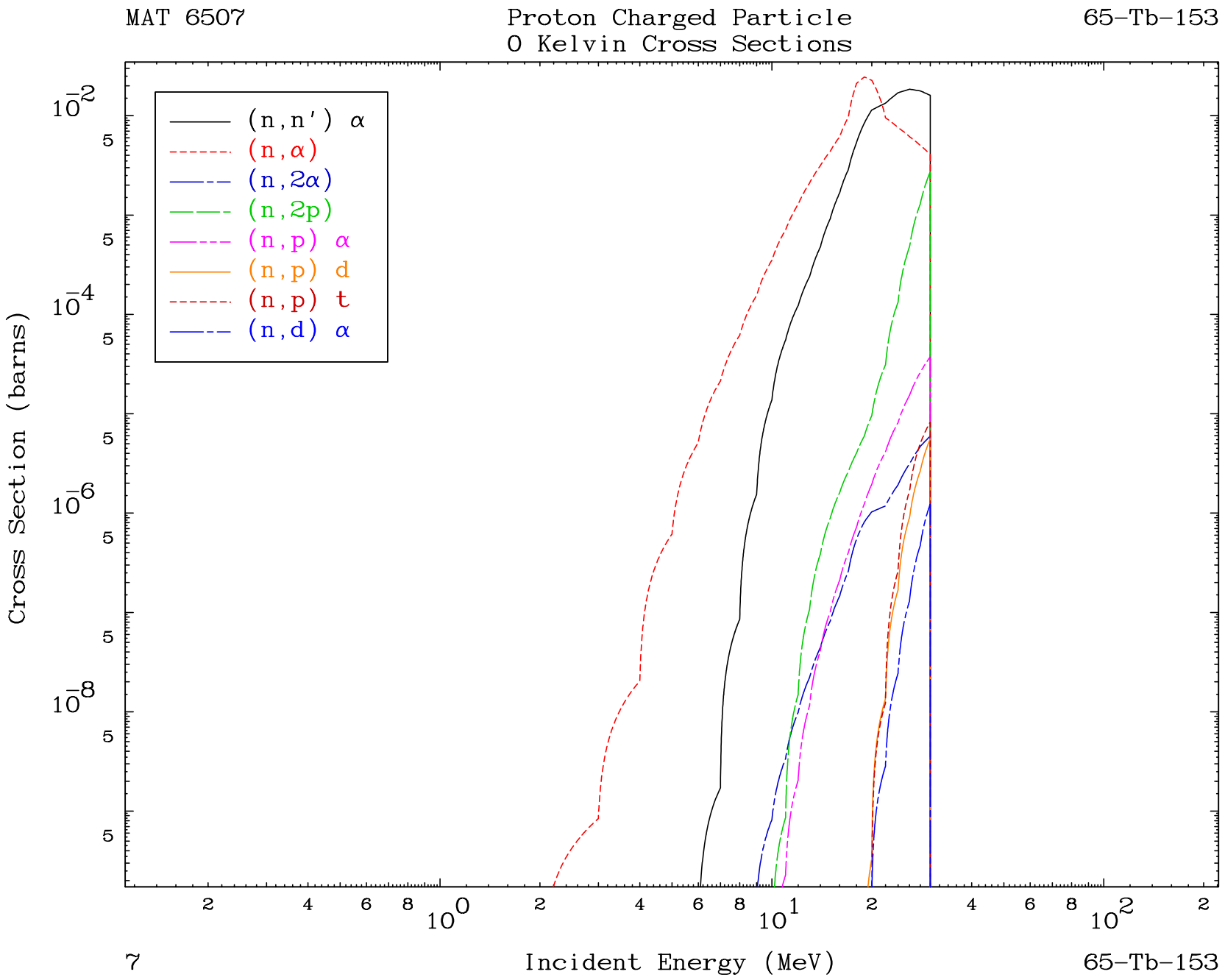

MAT 6507
Proton Neutron Absorption
0 Kelvin Cross Sections
65-Tb-153
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
65-Tb-153

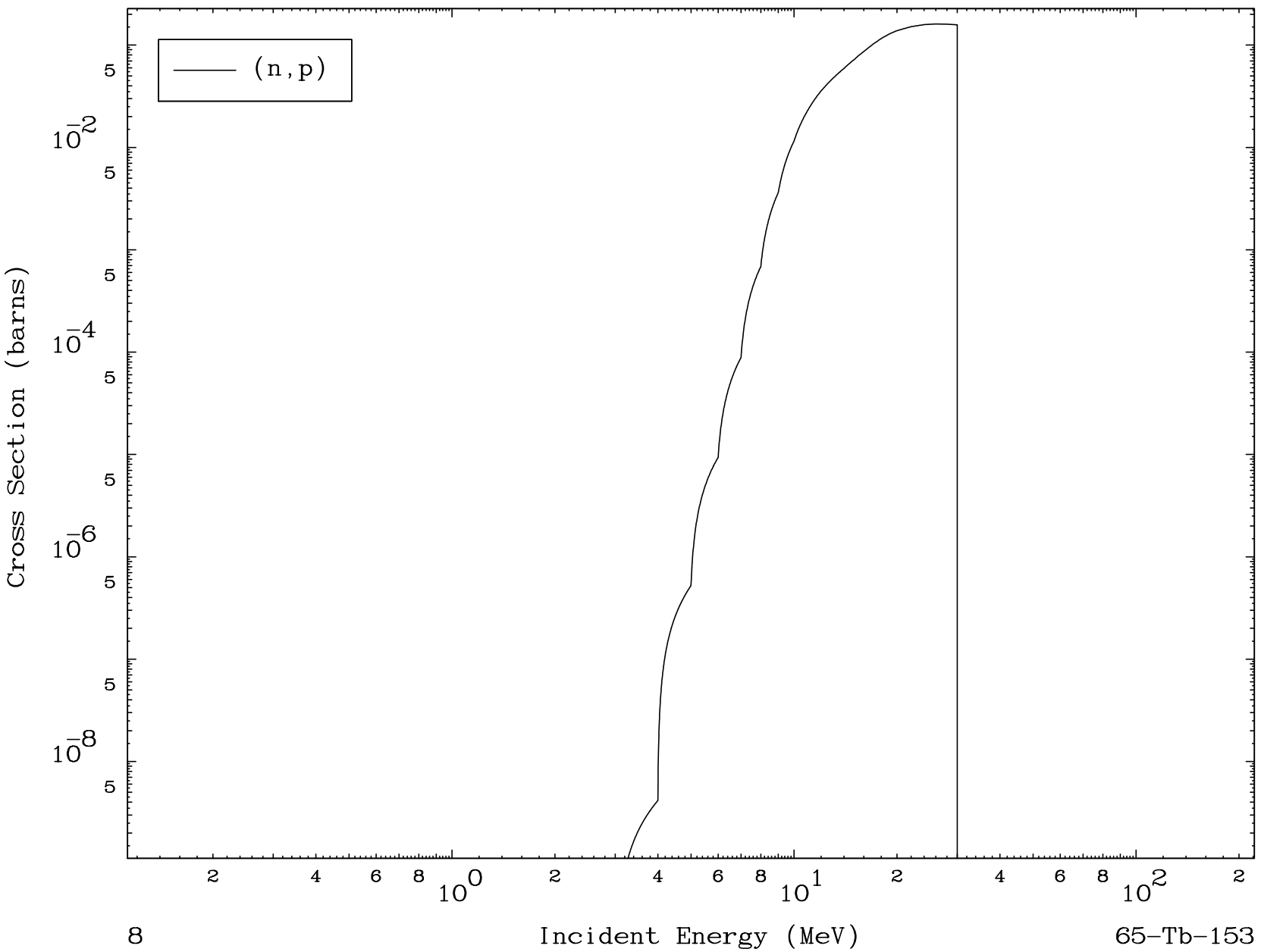

MAT 6507
Proton Neutron Absorption
0 Kelvin Cross Sections
65-Tb-153
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
65-Tb-153

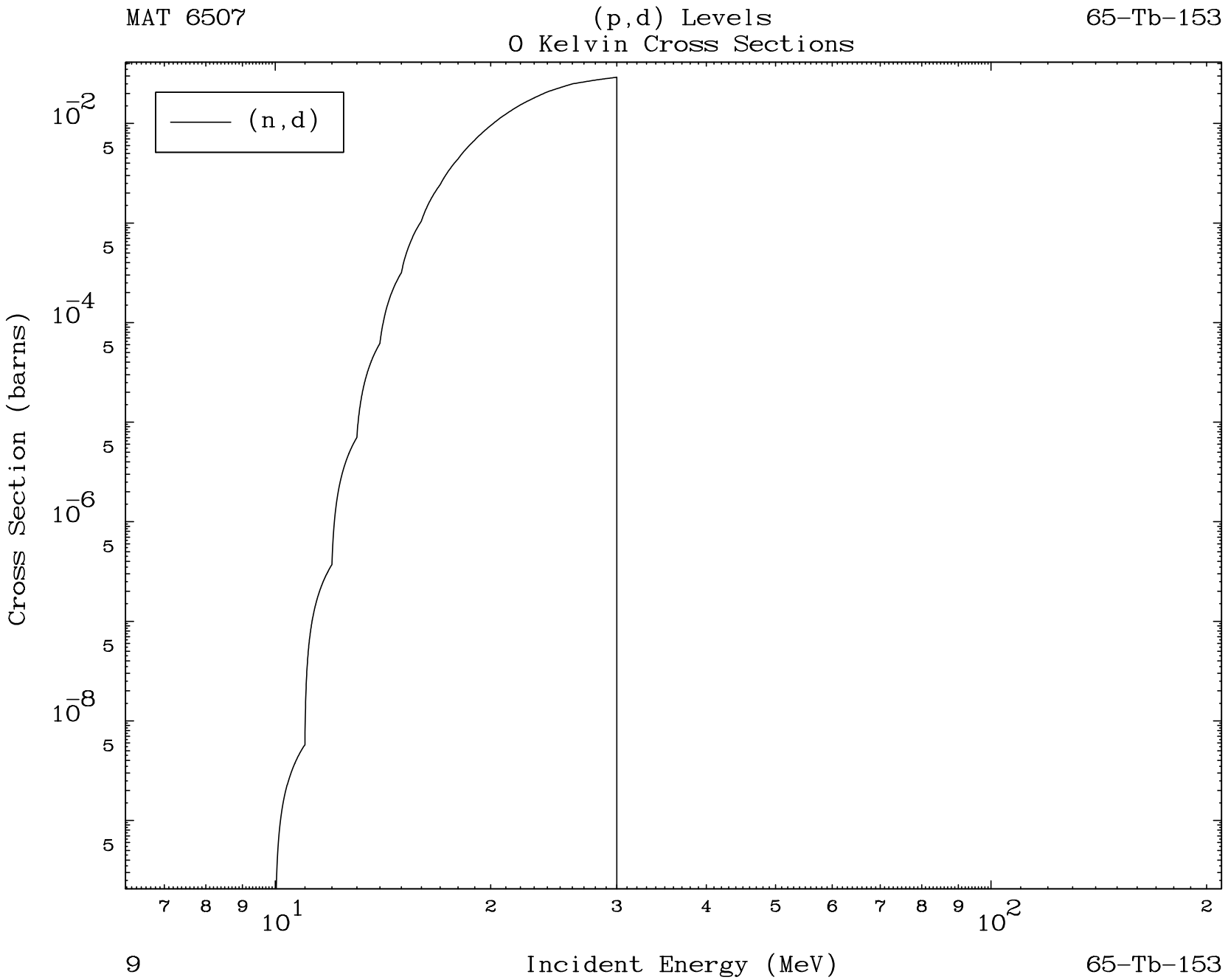

MAT 6507
Proton Neutron Absorption
0 Kelvin Cross Sections
65-Tb-153
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
65-Tb-153

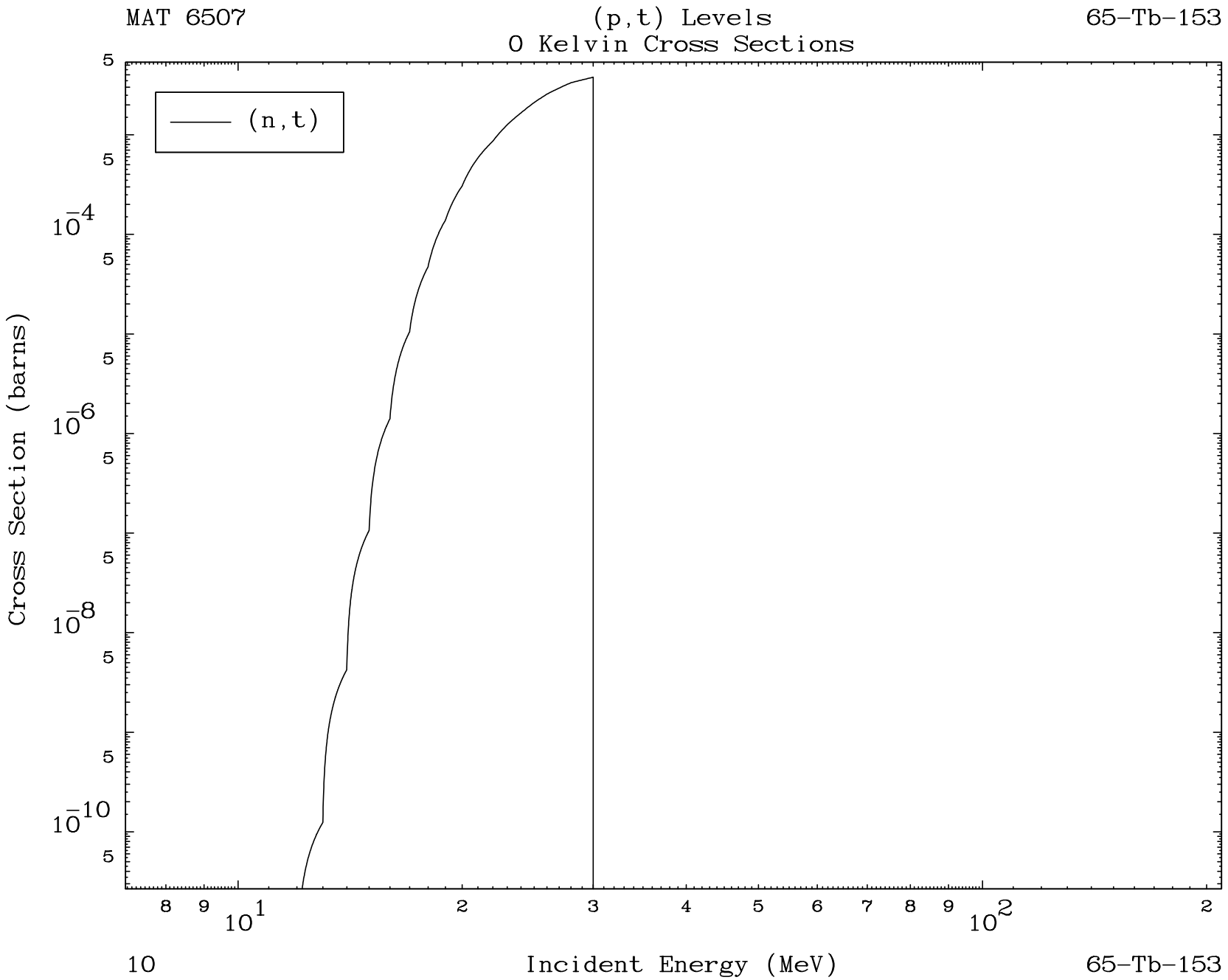

MAT 6507
Proton Charged Particle
0 Kelvin Cross Sections
65-Tb-153
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
5
65-Tb-153

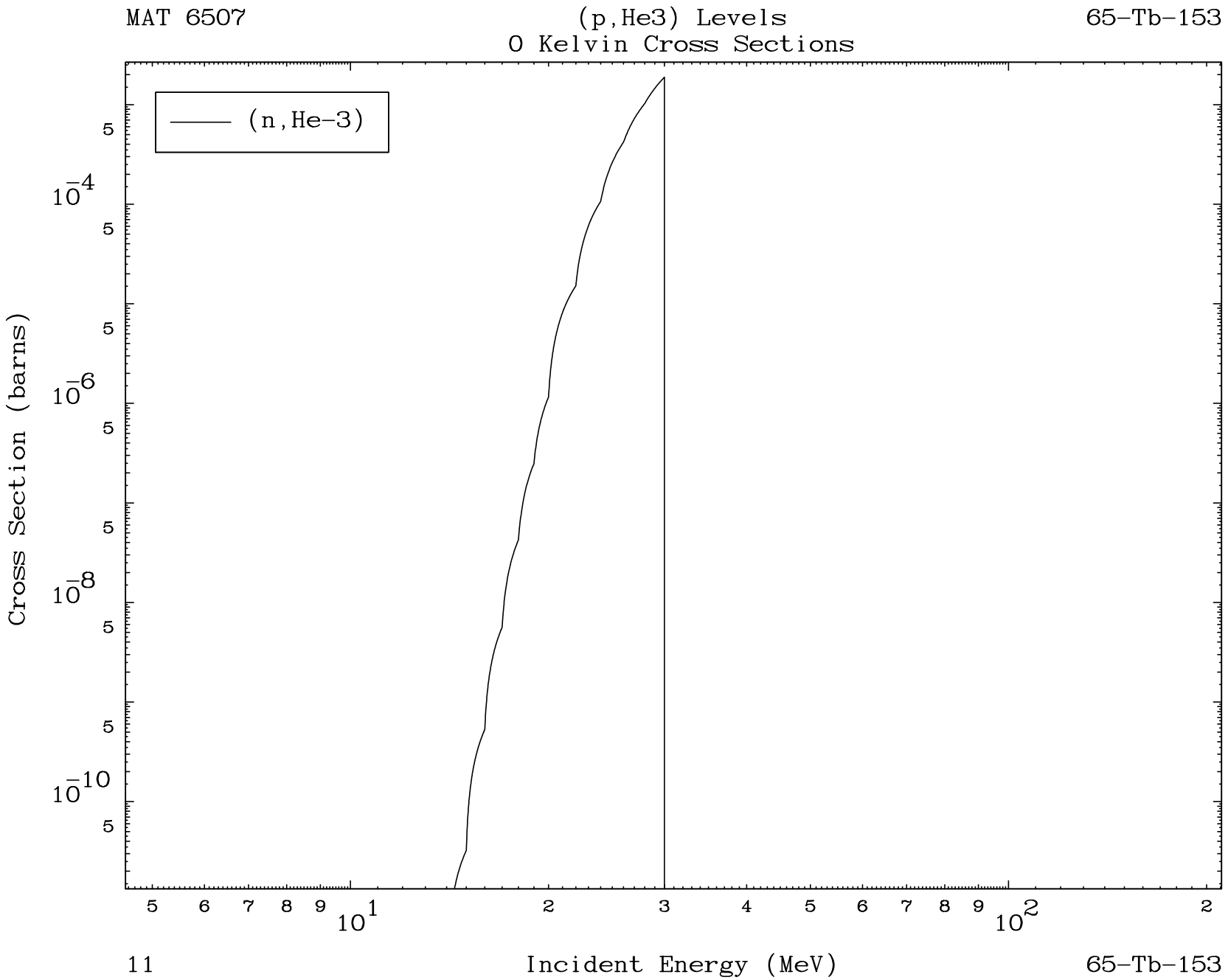

MAT 6507
Proton Charged Particle
0 Kelvin Cross Sections
65-Tb-153
(n,n') α
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
6
65-Tb-153

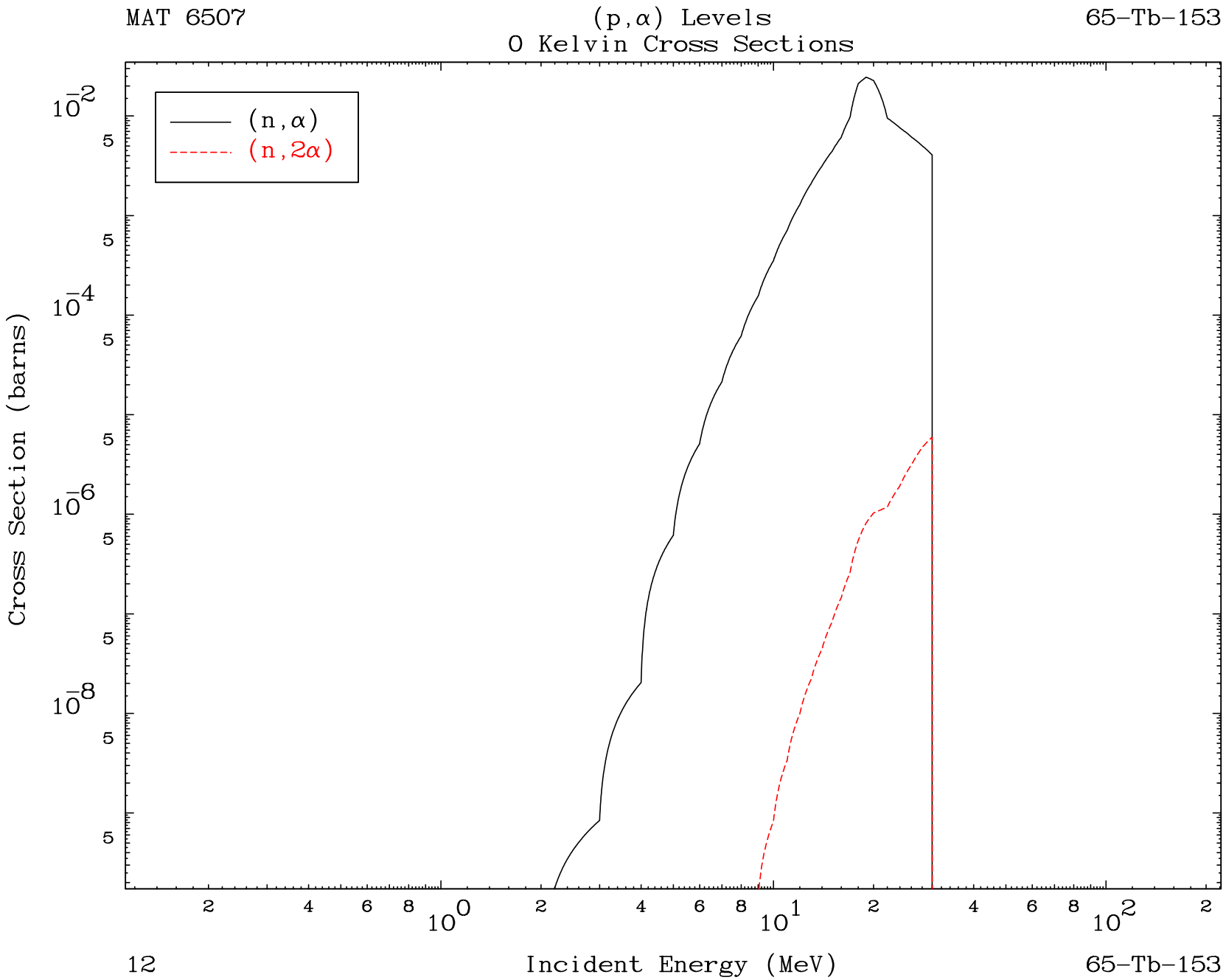

MAT 6507
Proton Charged Particle
0 Kelvin Cross Sections
65-Tb-153
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
65-Tb-153

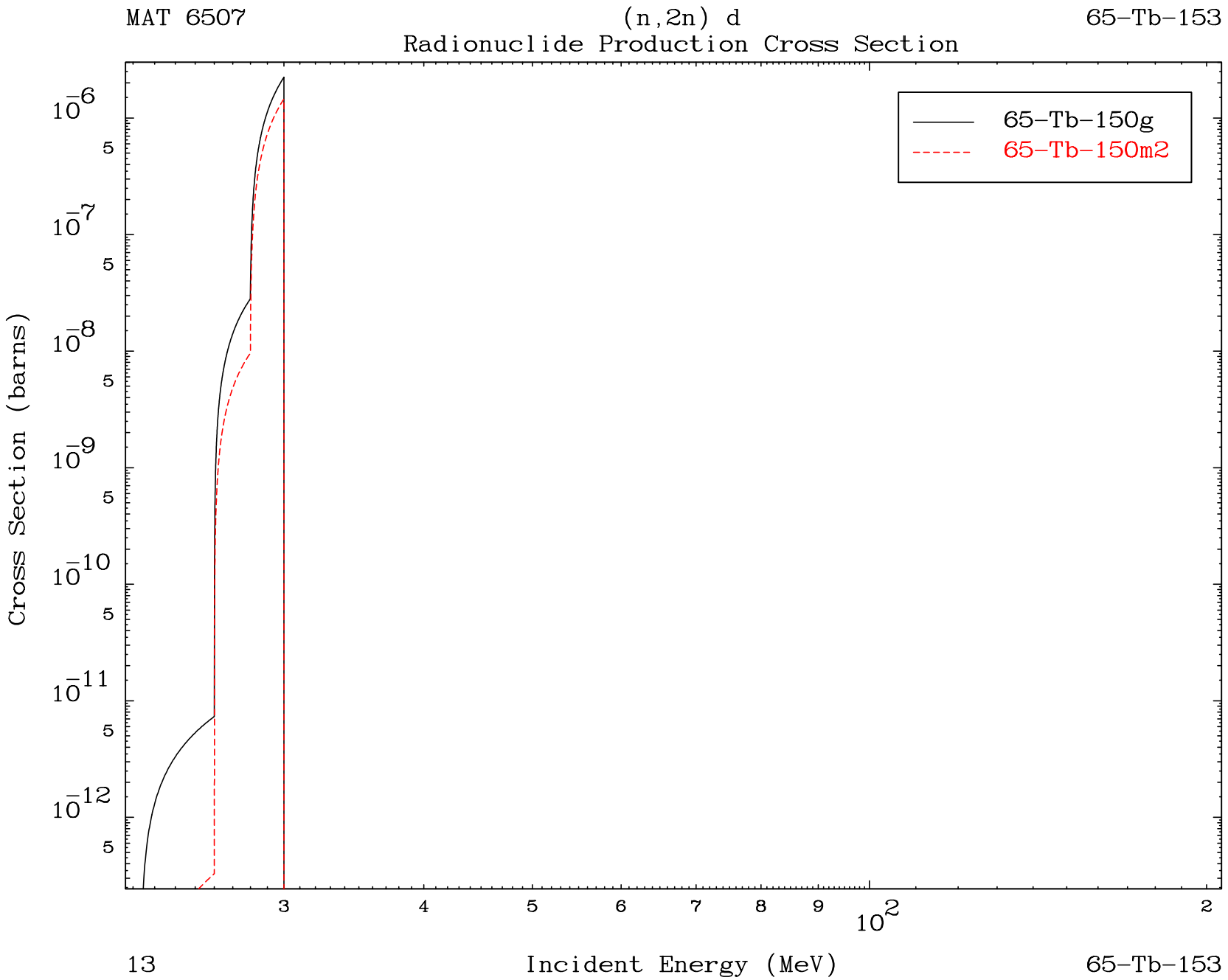

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)

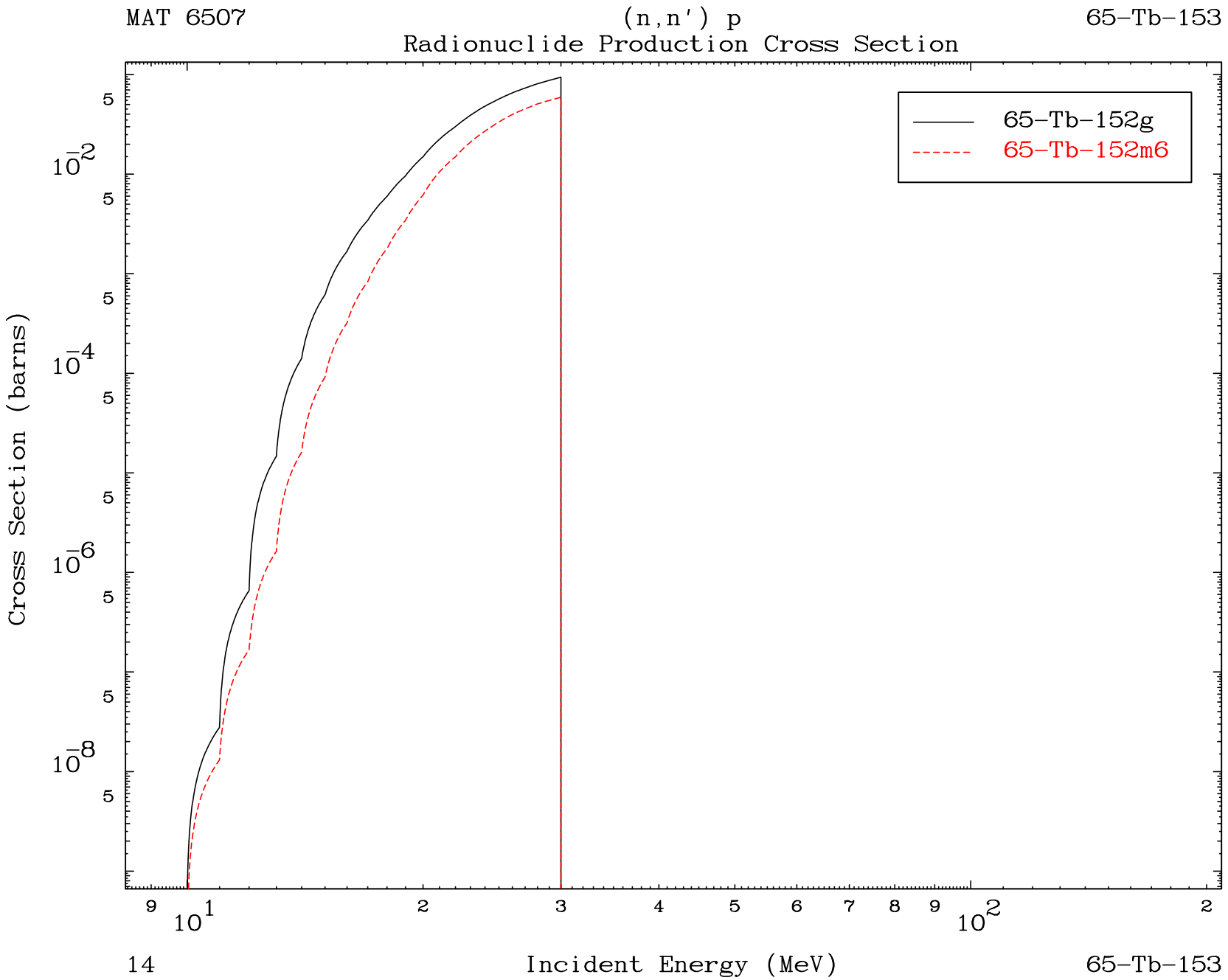

MAT 6507
(p,d) Levels
65-Tb-153
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
9
65-Tb-153

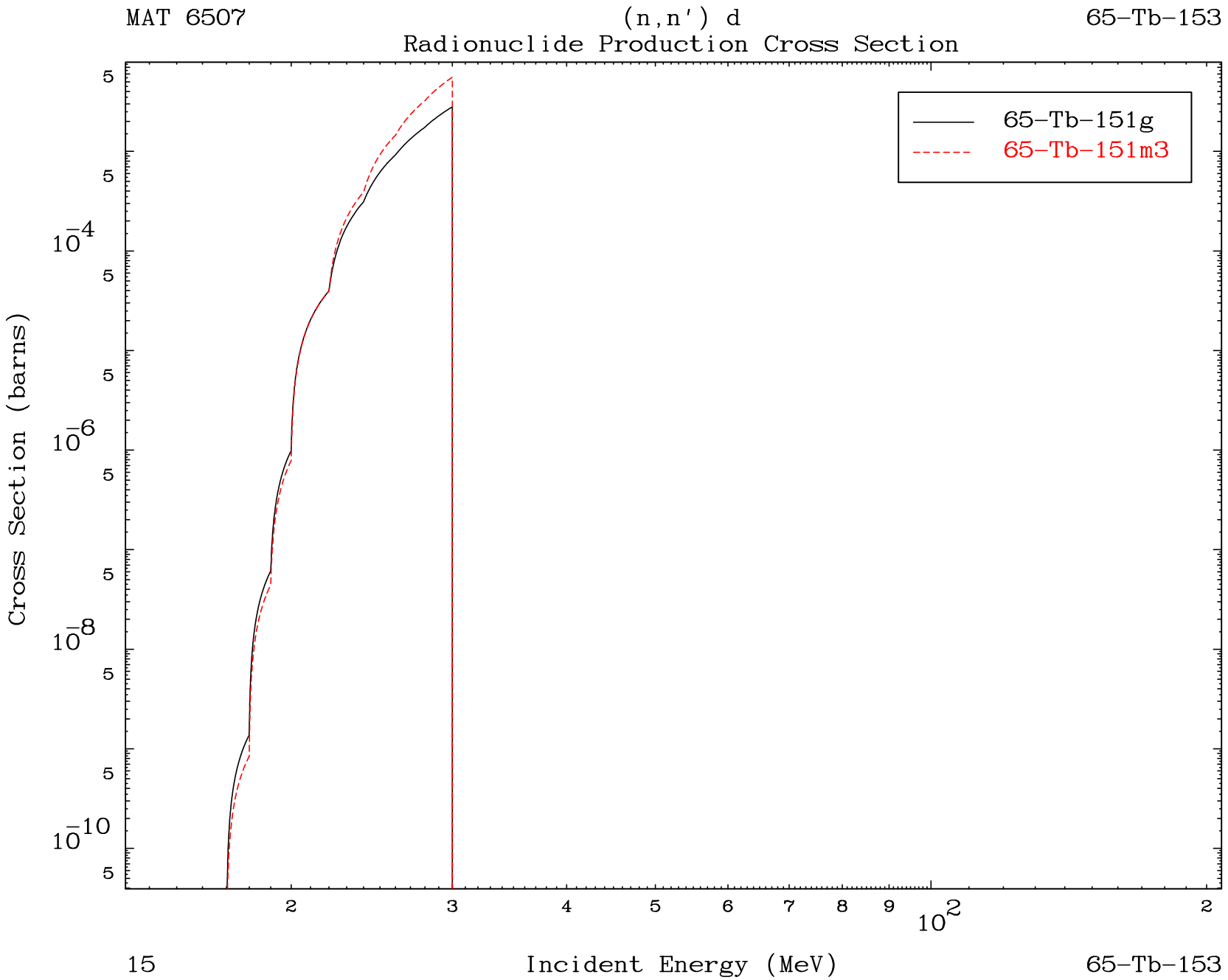

MAT 6507
(p,t) Levels
65-Tb-153
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-153

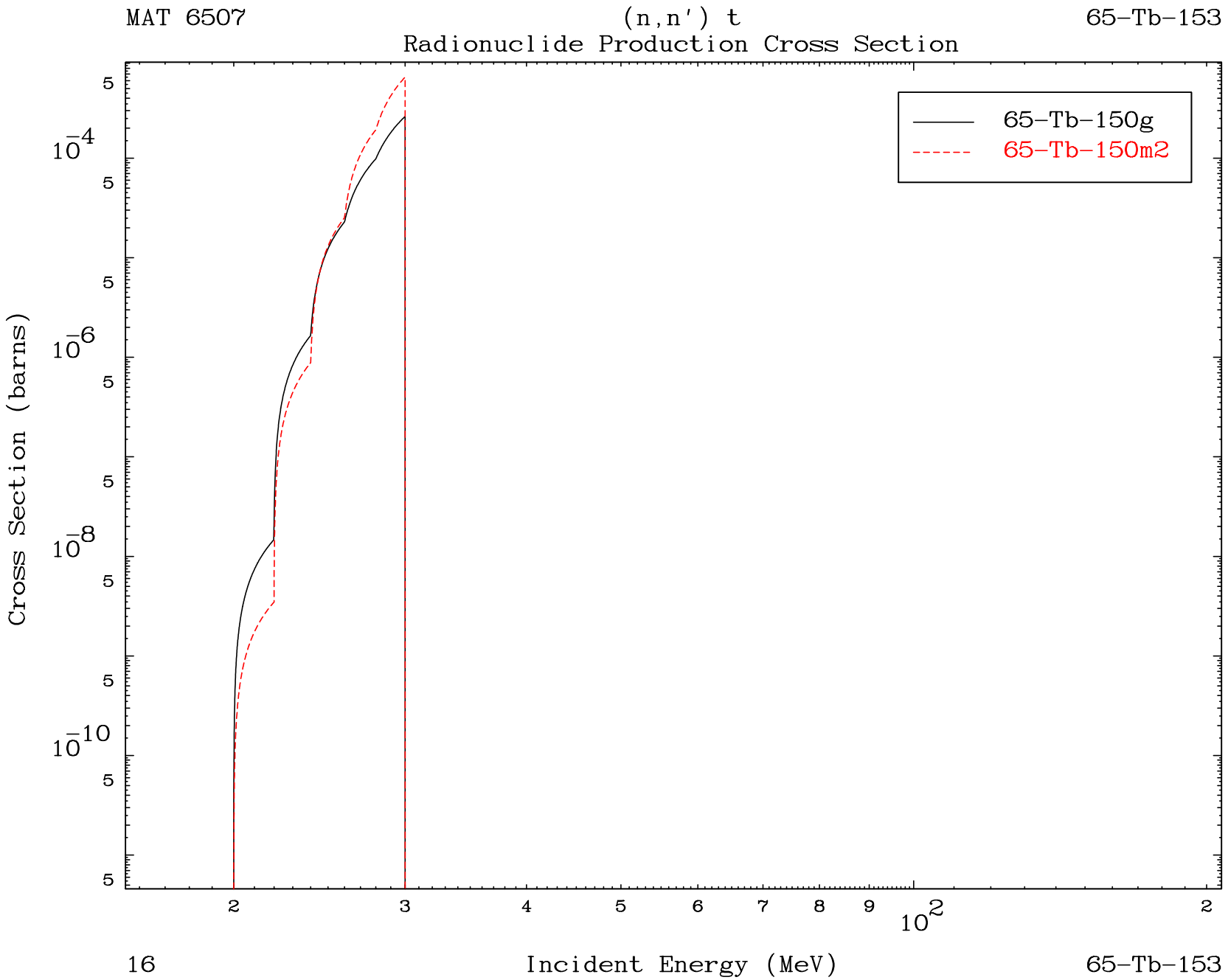

MAT 6507
(p,He3) Levels
65-Tb-153
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^1
2
3
4
5
6
7
8
9
10^2
2
11
Incident Energy (MeV)
65-Tb-153

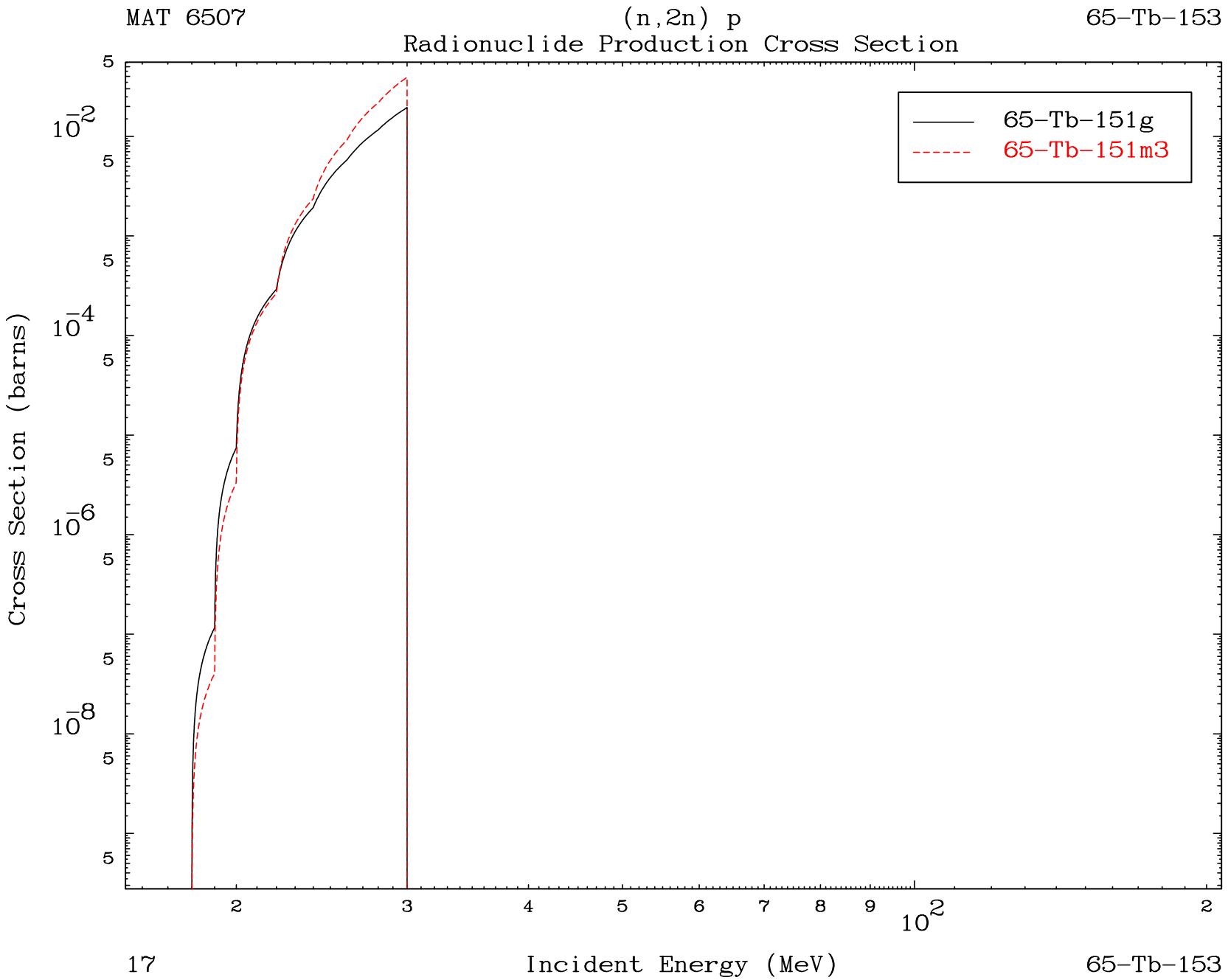

MAT 6507
(p,α) Levels
65-Tb-153
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
12
65-Tb-153

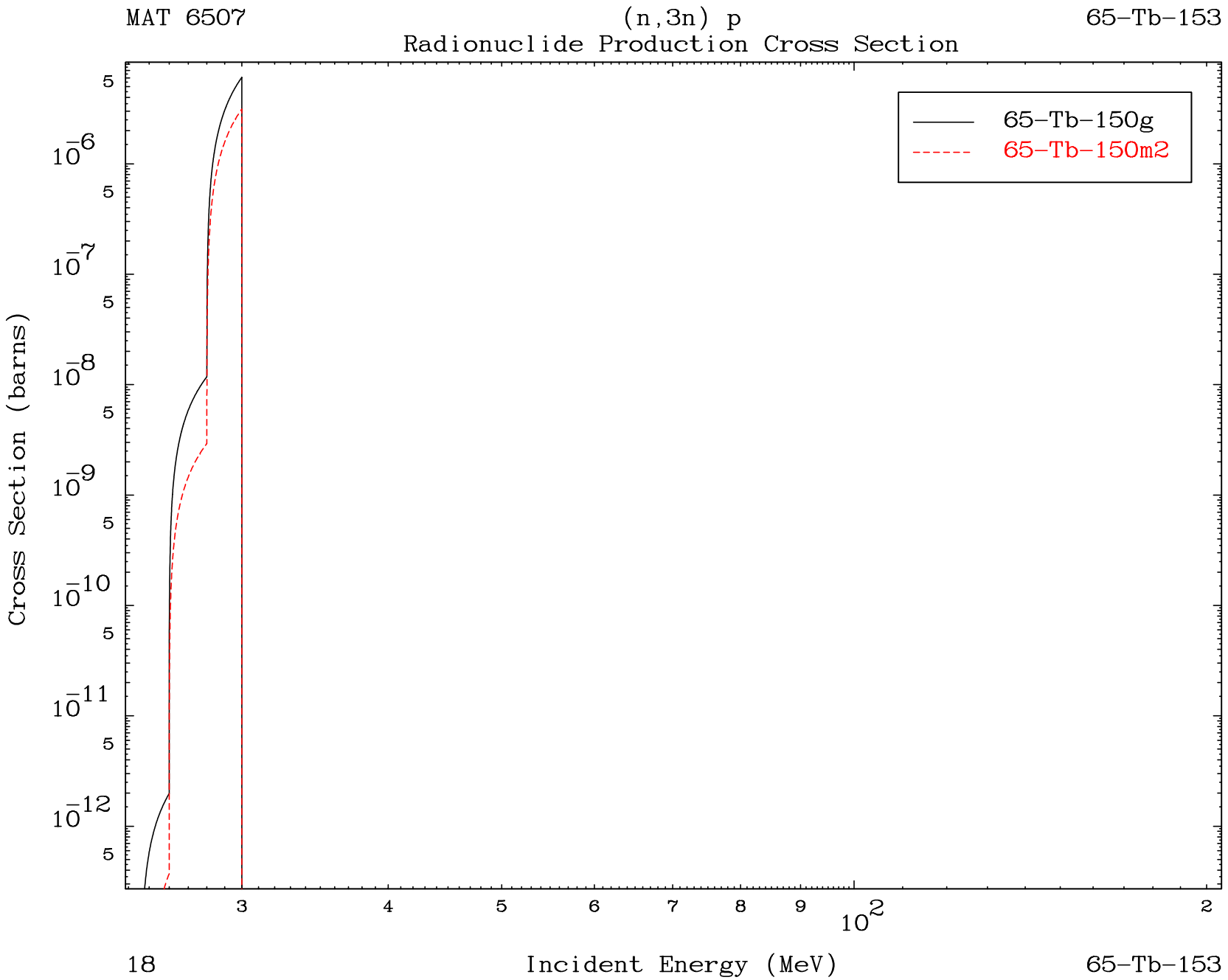

MAT 6507
(n,2n) d
65-Tb-153
Radionuclide Production Cross Section
65-Tb-150g
65-Tb-150m2
Cross Section (barns)
10^-6
10^-7
10^-8
10^-9
10^-10
10^-11
10^-12
5
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
65-Tb-153

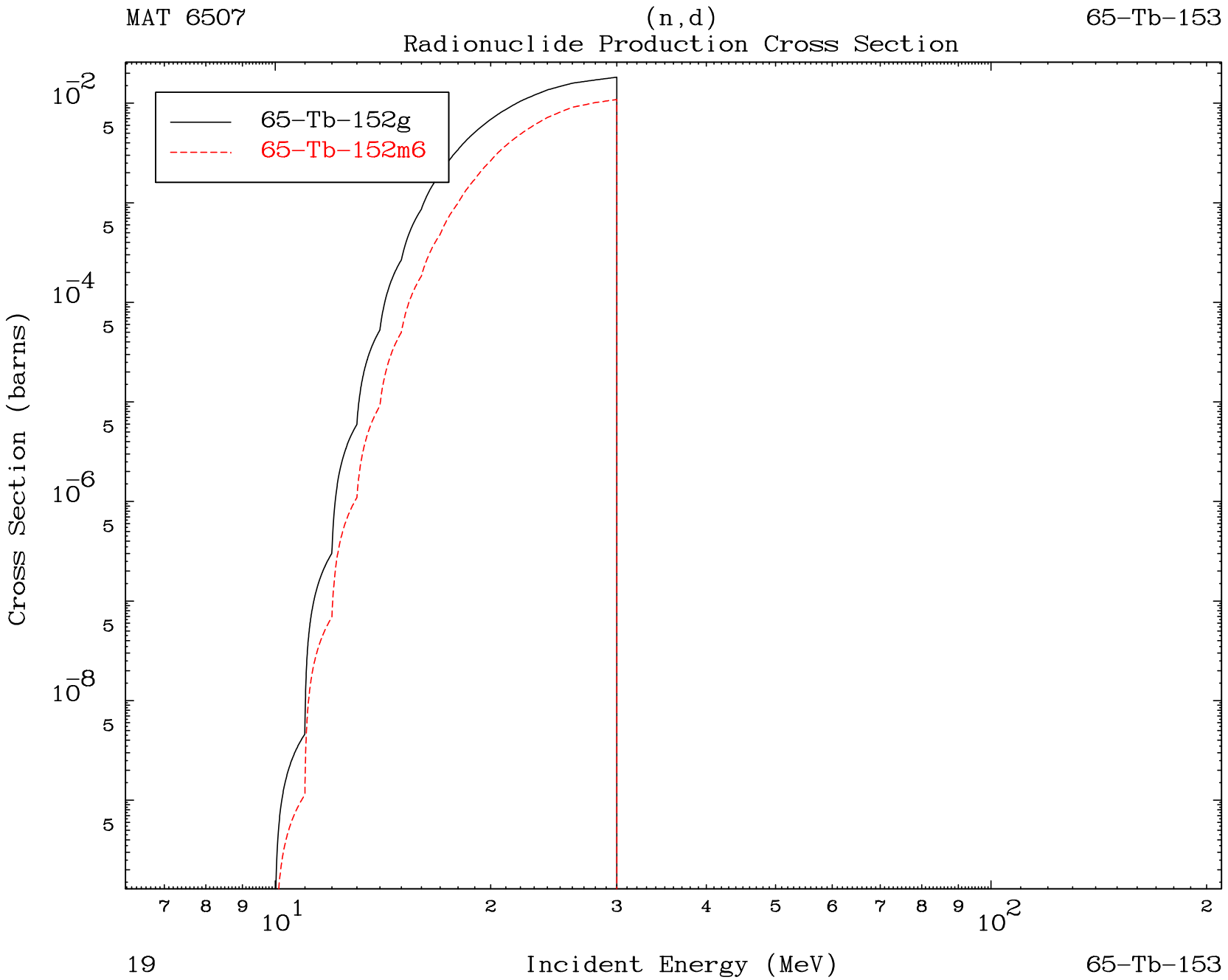

MAT 6507
(n,n') p
65-Tb-153
Radionuclide Production Cross Section
65-Tb-152g
65-Tb-152m6
Cross Section (barns)
Incident Energy (MeV)
14
65-Tb-153

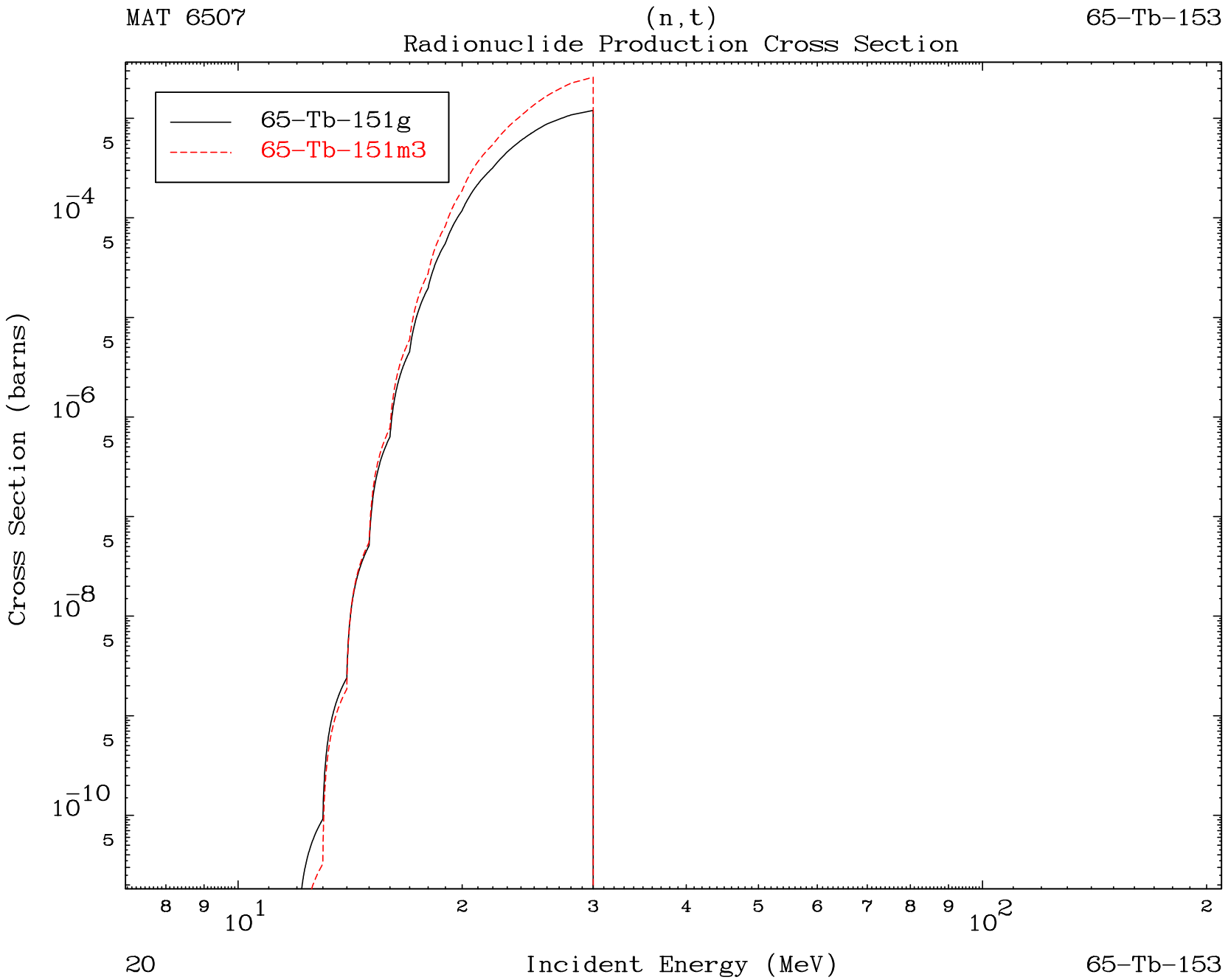

MAT 6507
(n,n') d
65-Tb-153
Radionuclide Production Cross Section
65-Tb-151g
65-Tb-151m3
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
65-Tb-153


MAT 6507
(n,n') t
65-Tb-153
Radionuclide Production Cross Section
65-Tb-150g
65-Tb-150m2
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
65-Tb-153


MAT 6507
(n,2n) p
65-Tb-153
Radionuclide Production Cross Section
65-Tb-151g
65-Tb-151m3
Cross Section (barns)
Incident Energy (MeV)
17
65-Tb-153


MAT 6507
(n,3n) p
65-Tb-153
Radionuclide Production Cross Section
65-Tb-150g
65-Tb-150m2
Cross Section (barns)
Incident Energy (MeV)
18
65-Tb-153


MAT 6507
(n,d)
65-Tb-153
Radionuclide Production Cross Section
65-Tb-152g
65-Tb-152m6
Cross Section (barns)
Incident Energy (MeV)
19
65-Tb-153


MAT 6507
(n,t)
65-Tb-153
Radionuclide Production Cross Section
65-Tb-151g
65-Tb-151m3
Cross Section (barns)
10-4
10-6
10-8
10-10
5
8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
20
65-Tb-153