Program EVALPLOT
(Version 2017-1)
by
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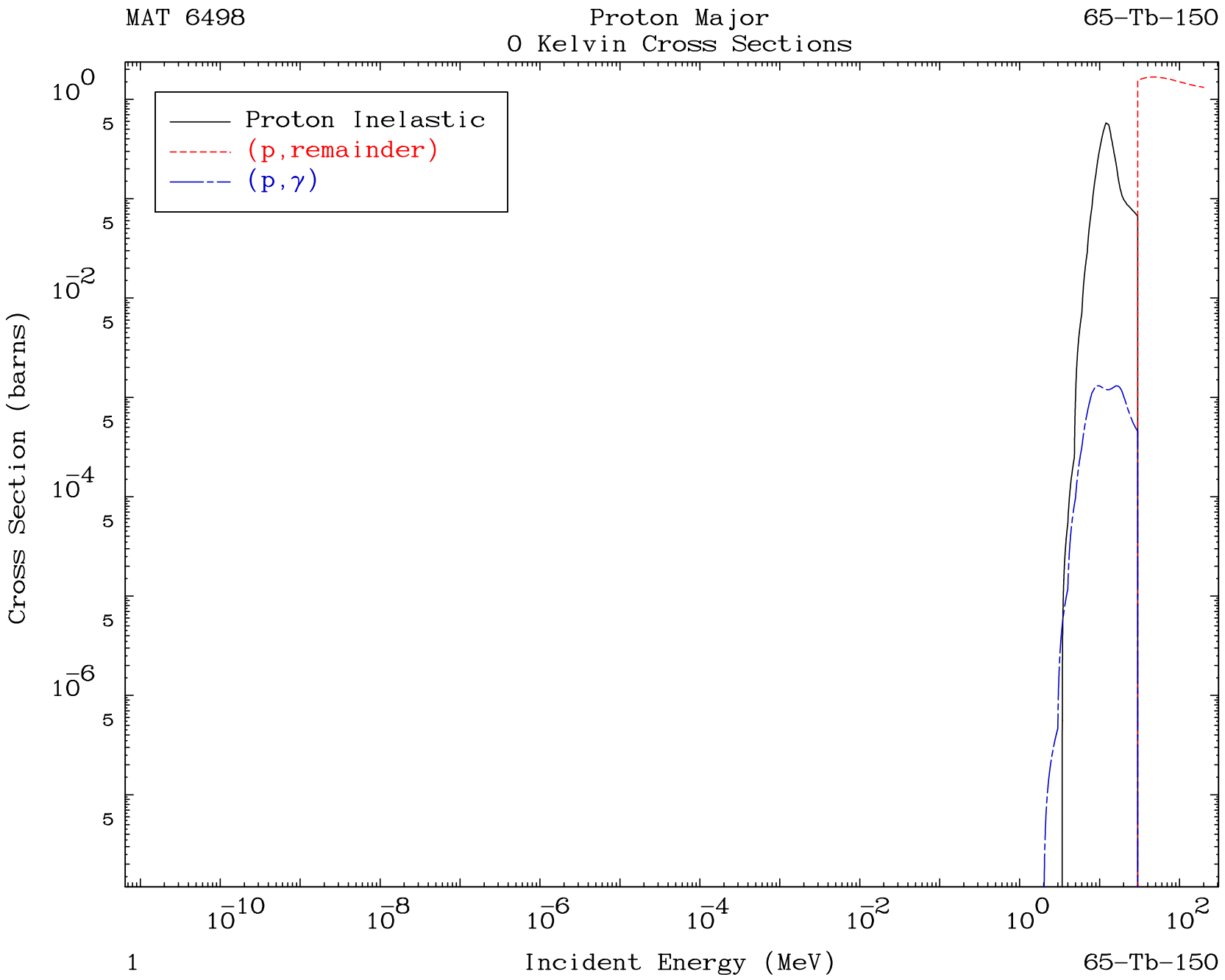
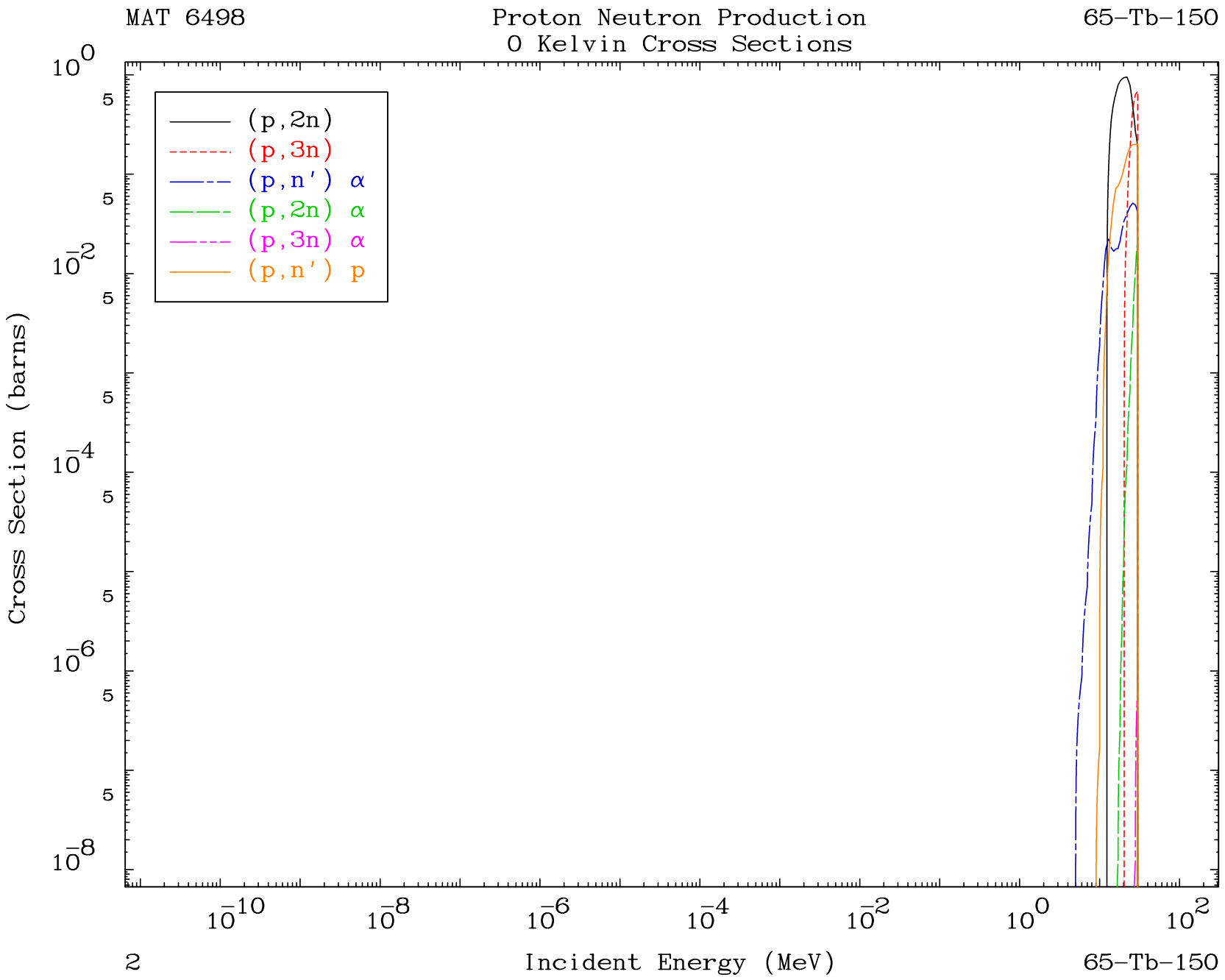
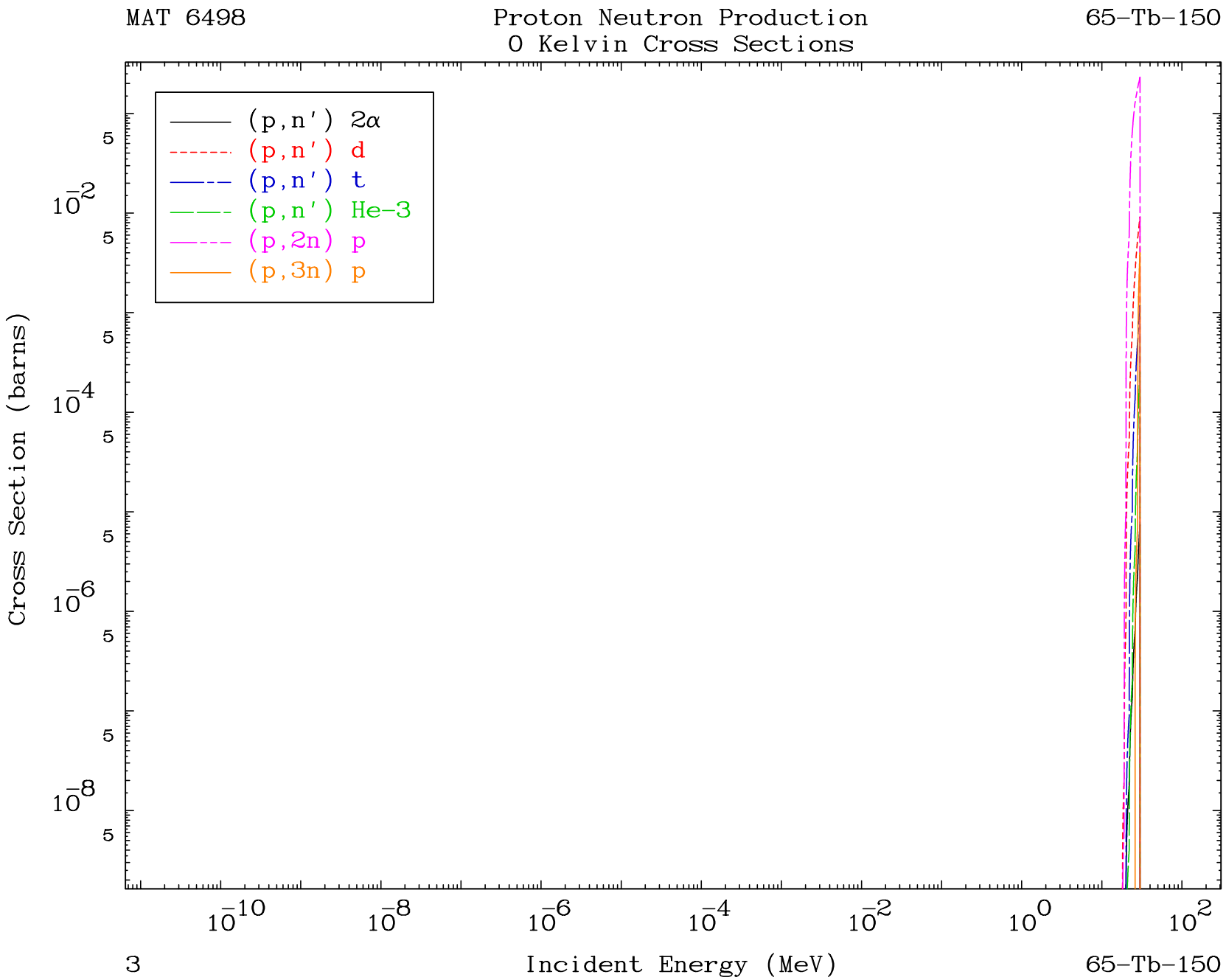
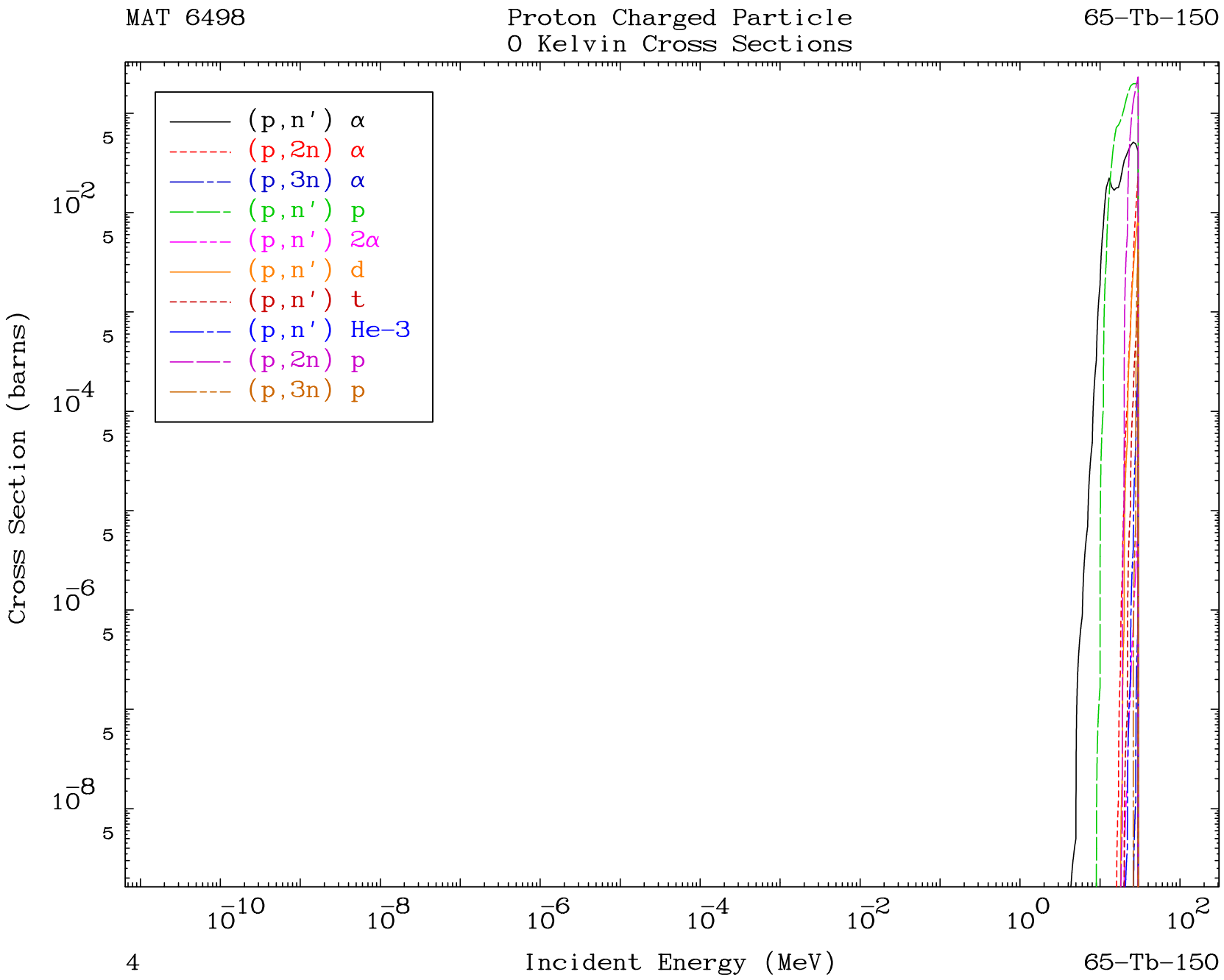
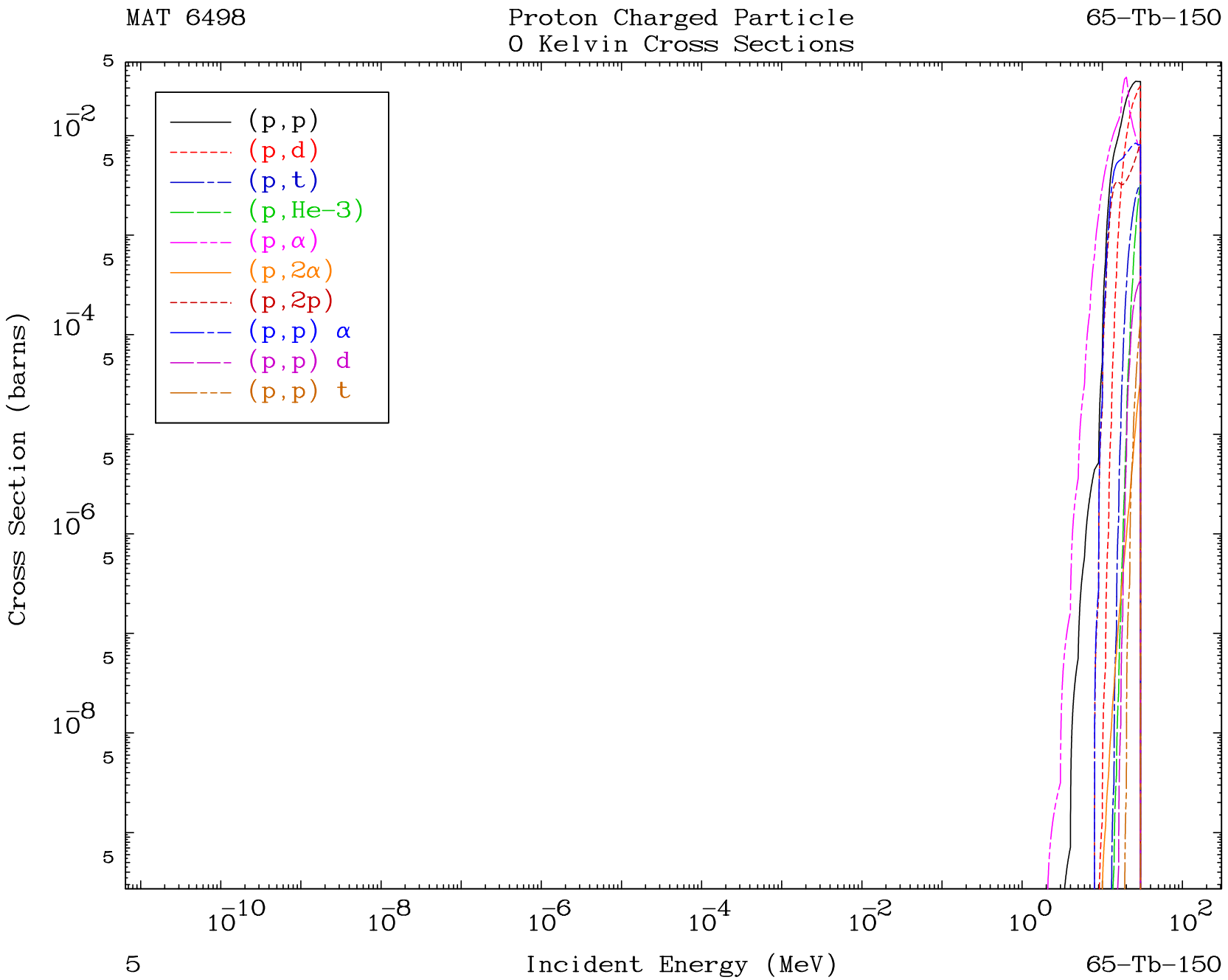
Press Mouse Button to Start

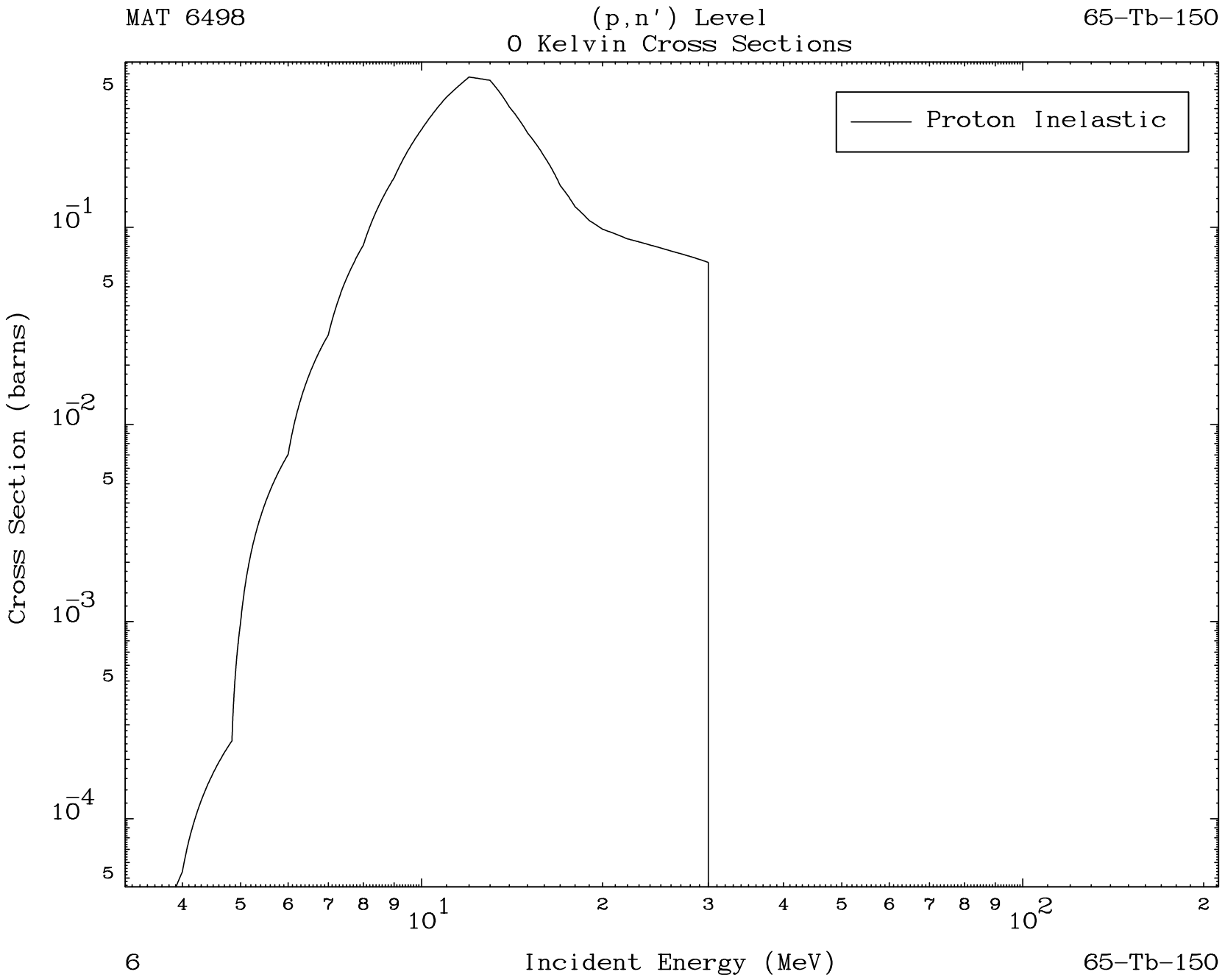

MAT 6498
Proton Major
65-Tb-150
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-150
1

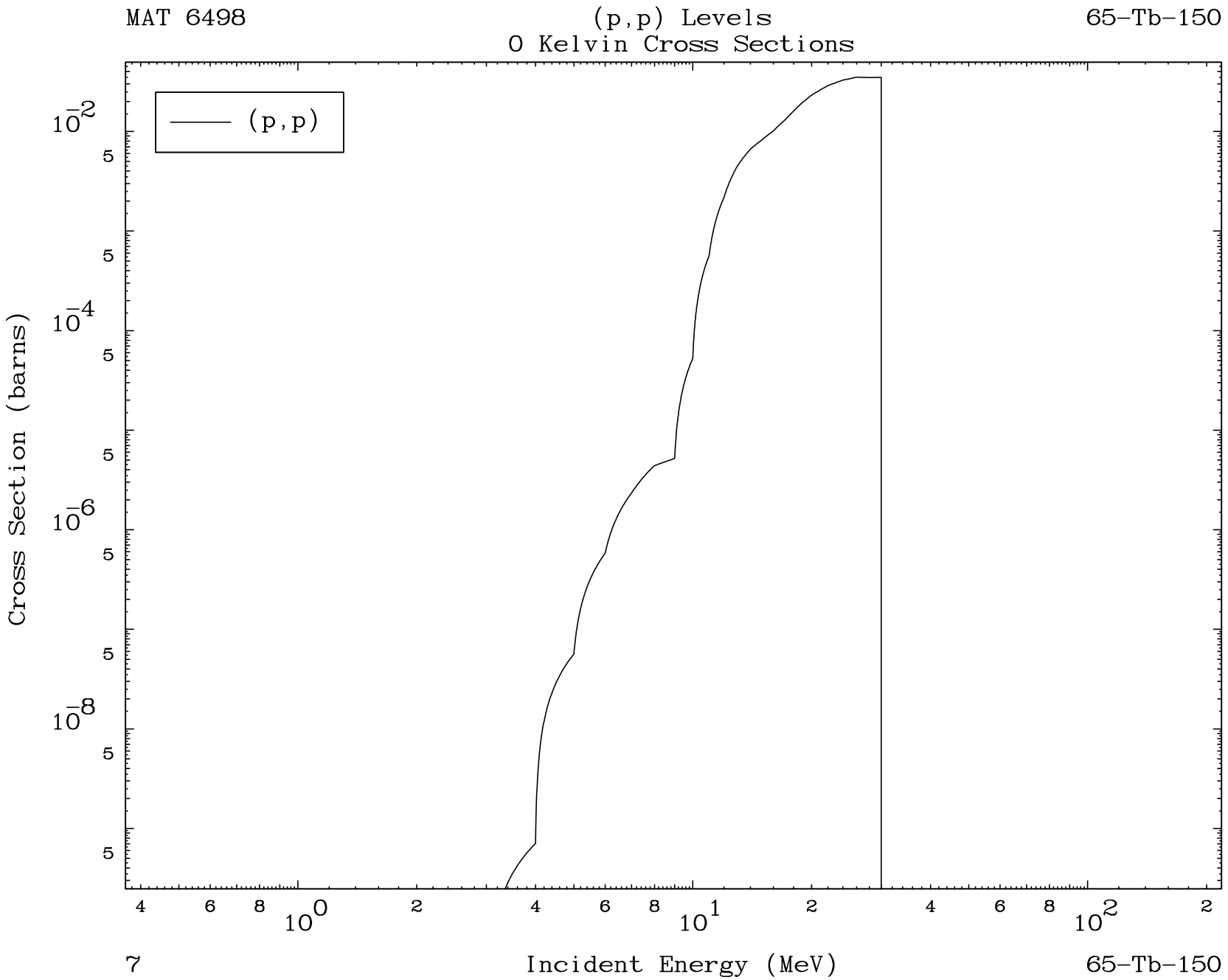

MAT 6498
Proton Neutron Production
0 Kelvin Cross Sections
65-Tb-150
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
Cross Section (barns)
Incident Energy (MeV)
65-Tb-150
2

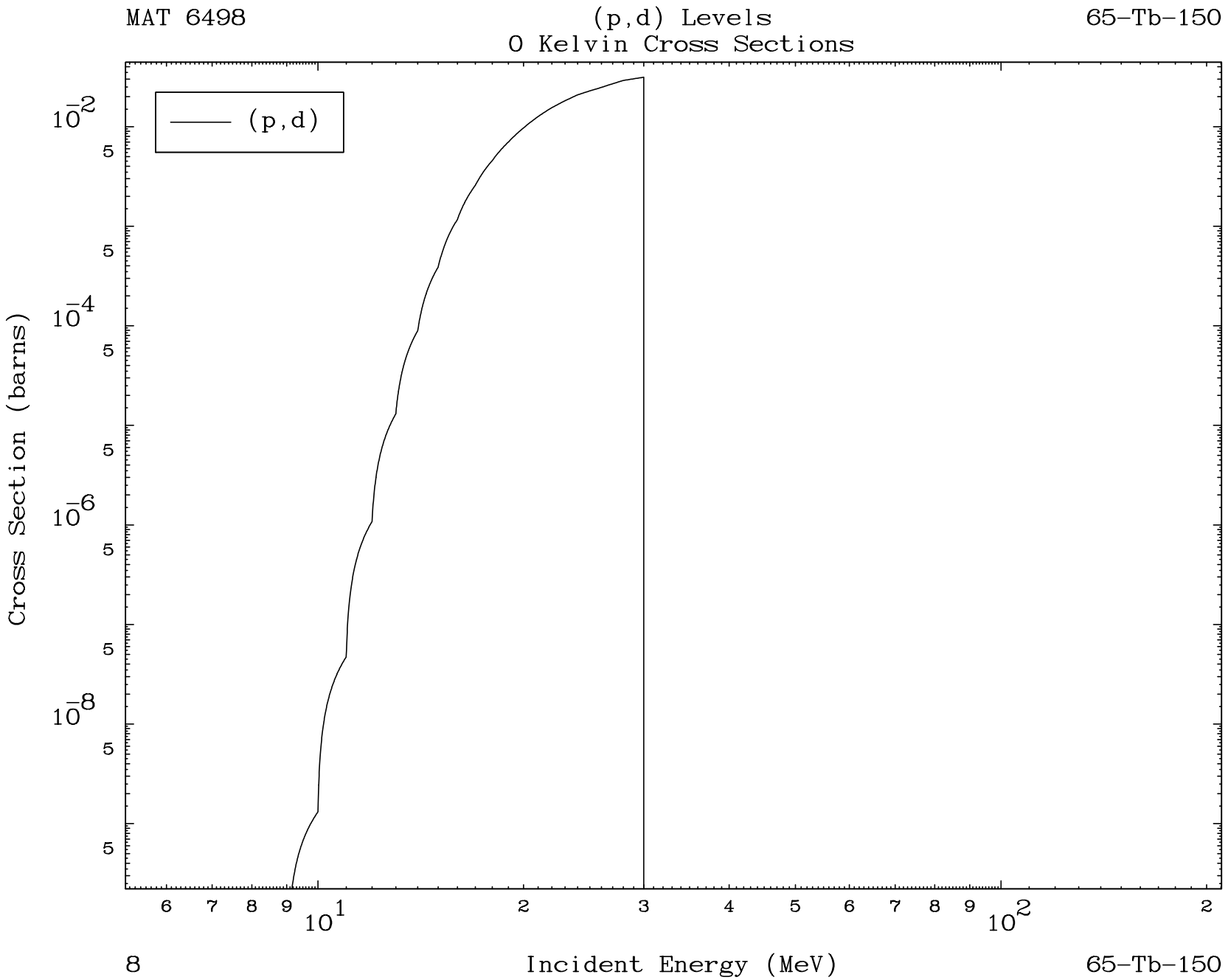

MAT 6498
Proton Neutron Production
0 Kelvin Cross Sections
65-Tb-150
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
65-Tb-150

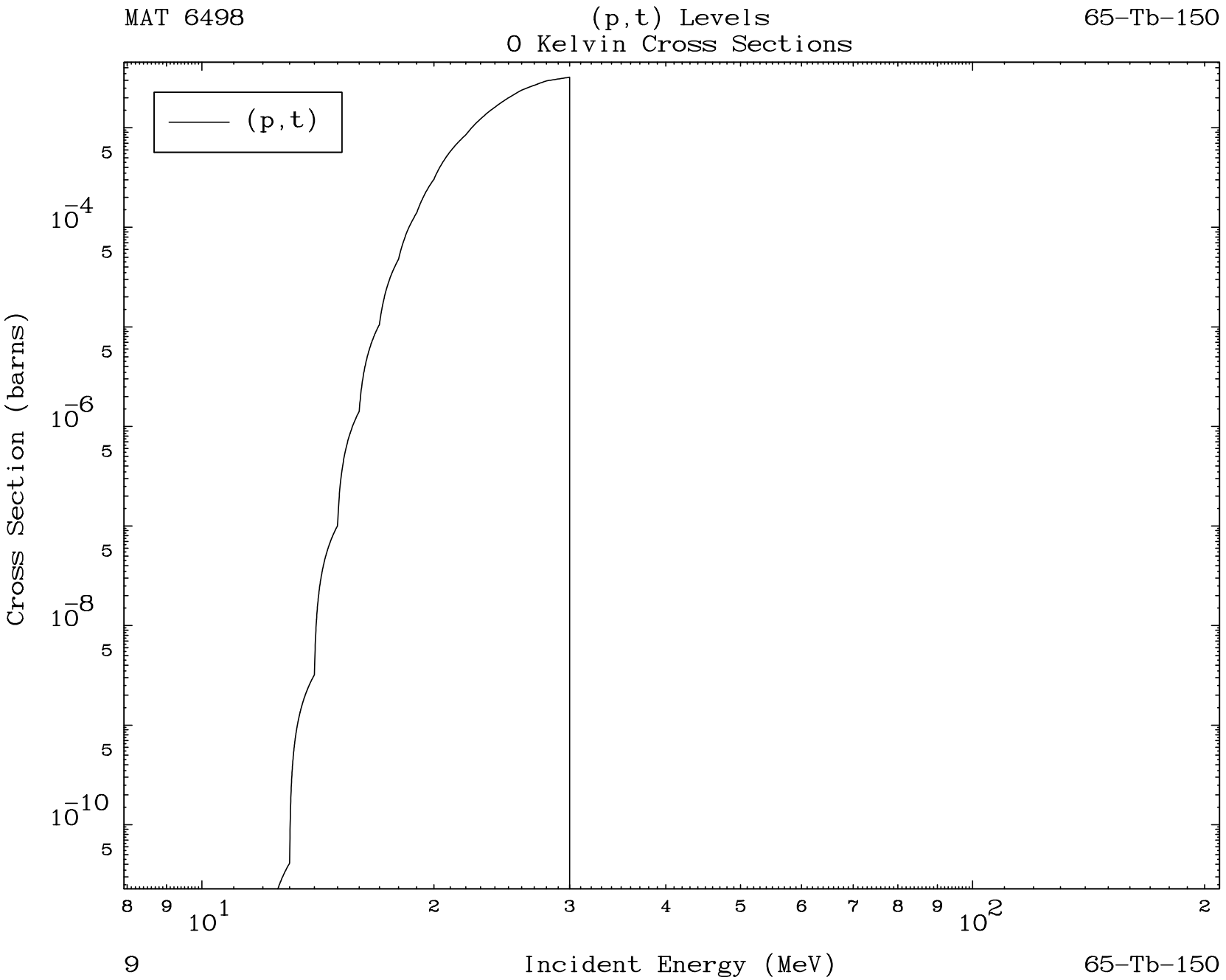

MAT 6498
Proton Charged Particle
0 Kelvin Cross Sections
65-Tb-150
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
65-Tb-150

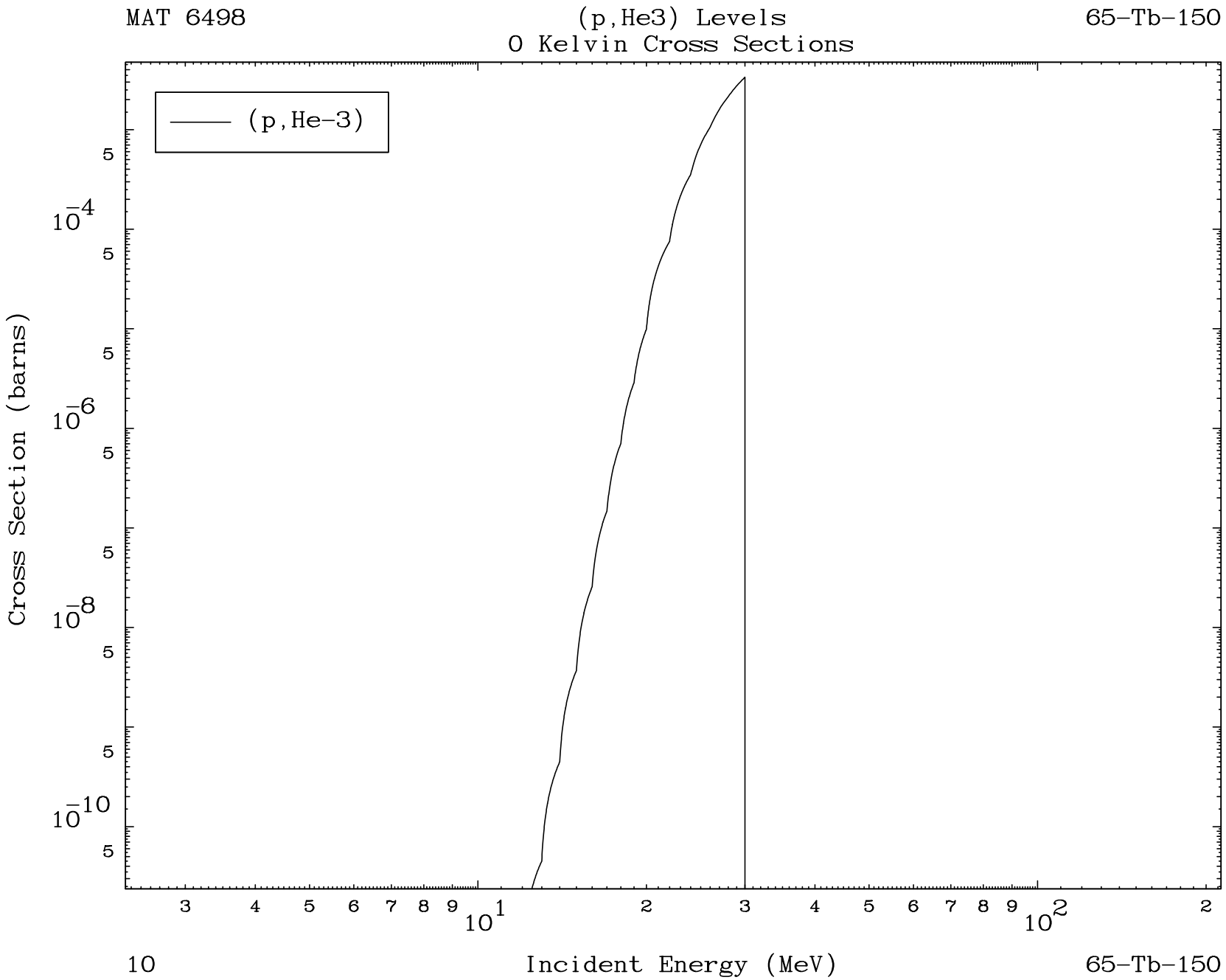

MAT 6498
Proton Charged Particle
0 Kelvin Cross Sections
65-Tb-150
(p,p)
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
65-Tb-150

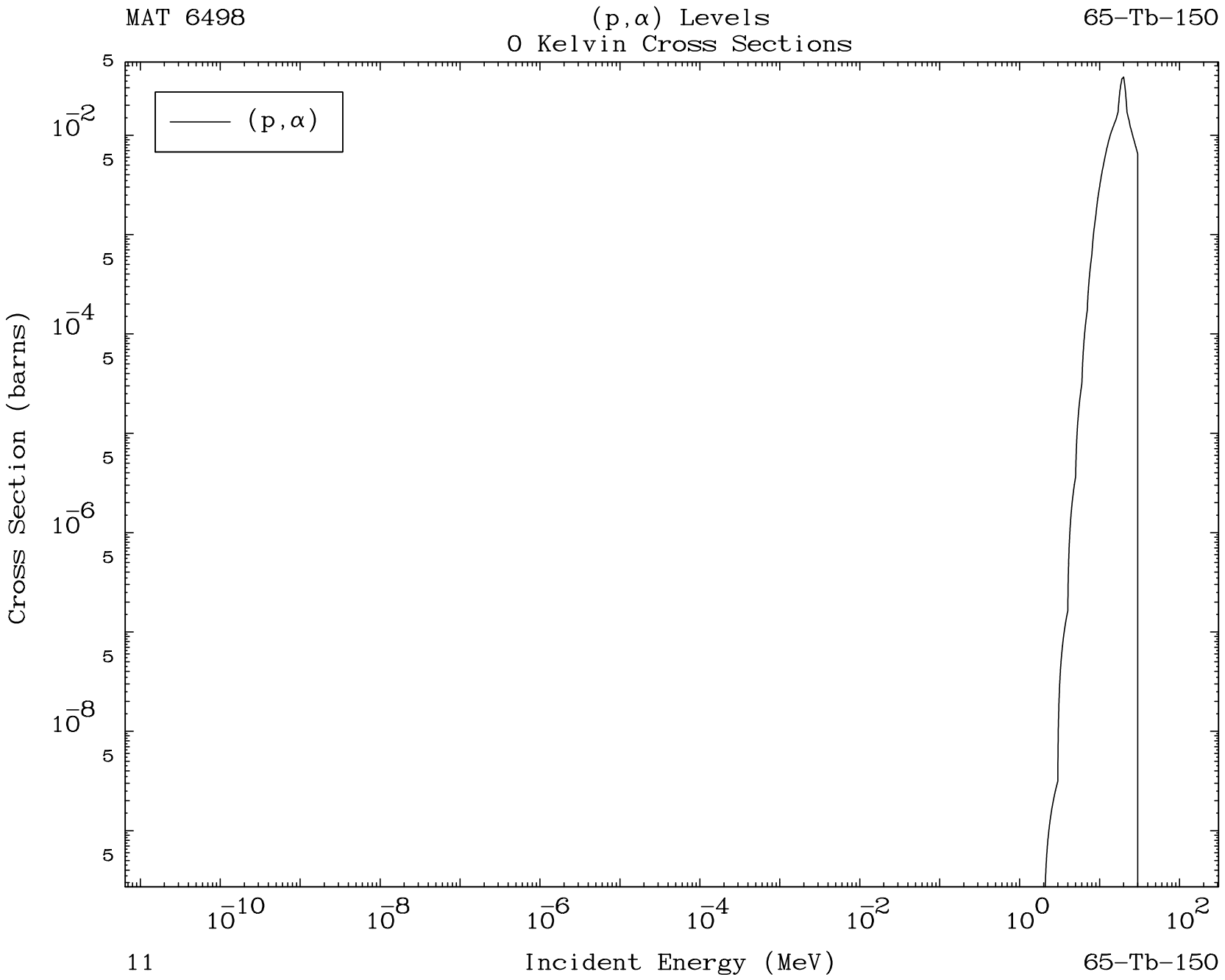

MAT 6498
(p,n') Level
65-Tb-150
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
65-Tb-150

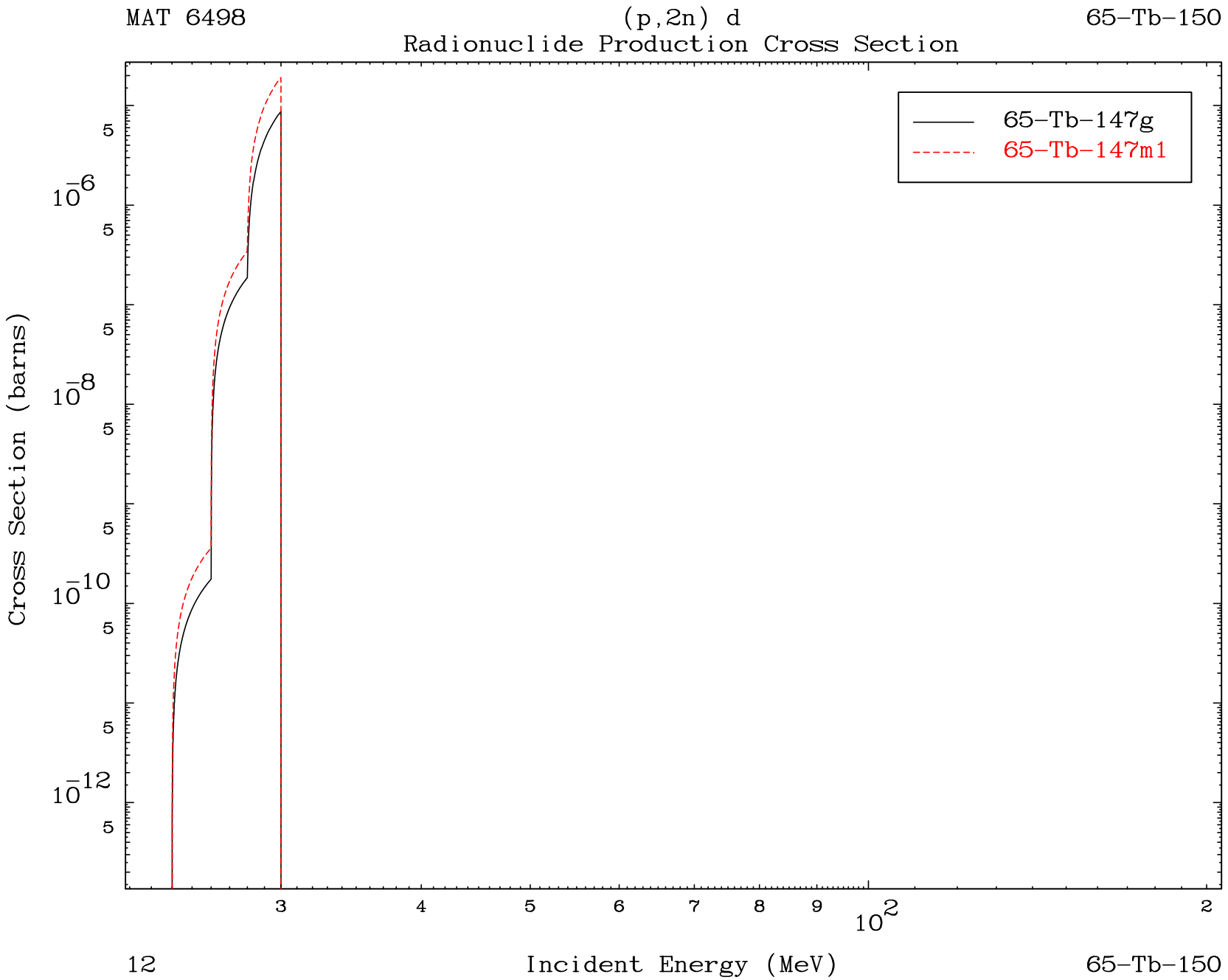

MAT 6498
(p,p) Levels
65-Tb-150
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
7
65-Tb-150

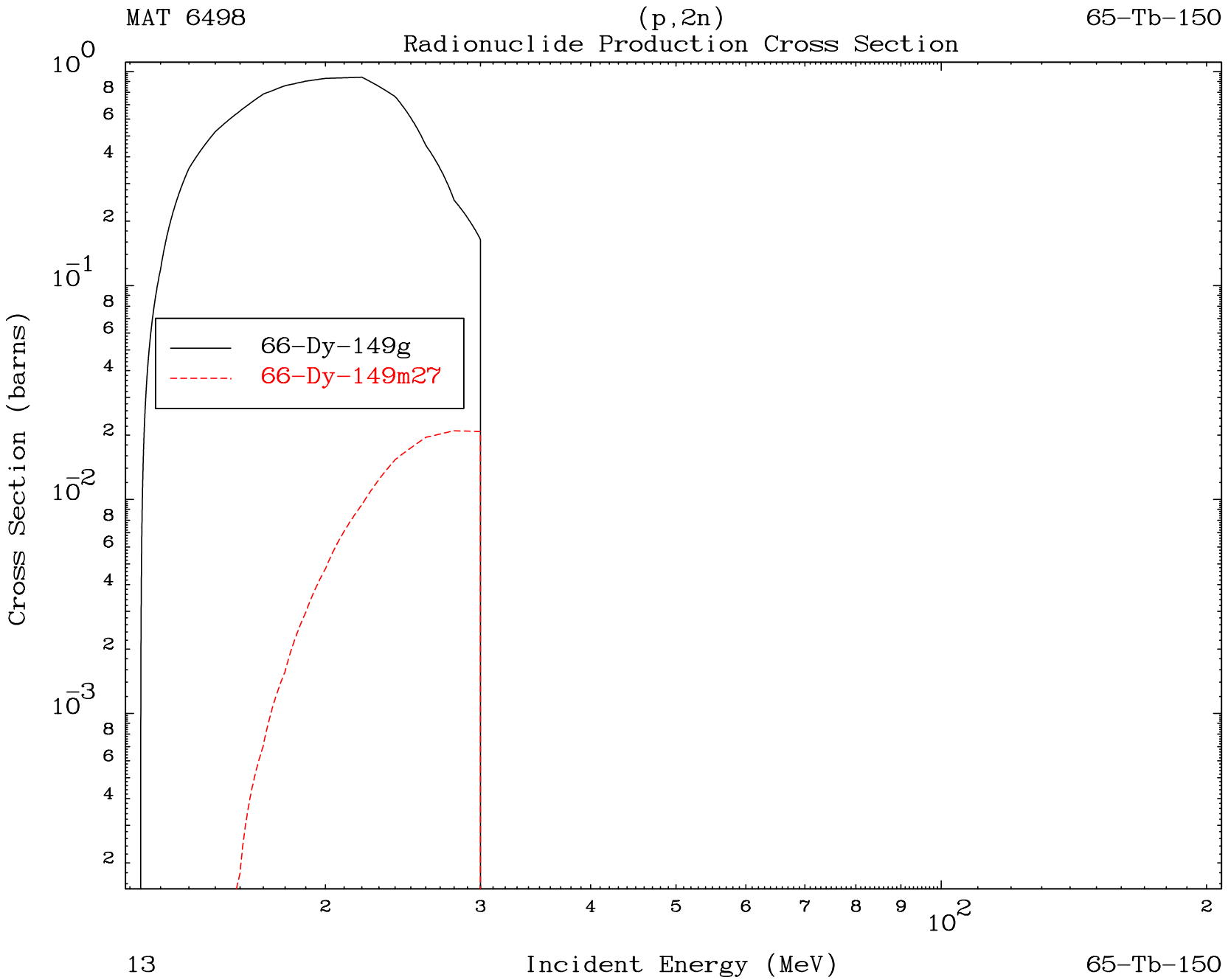

MAT 6498
(p,d) Levels
65-Tb-150
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
Incident Energy (MeV)
8
65-Tb-150

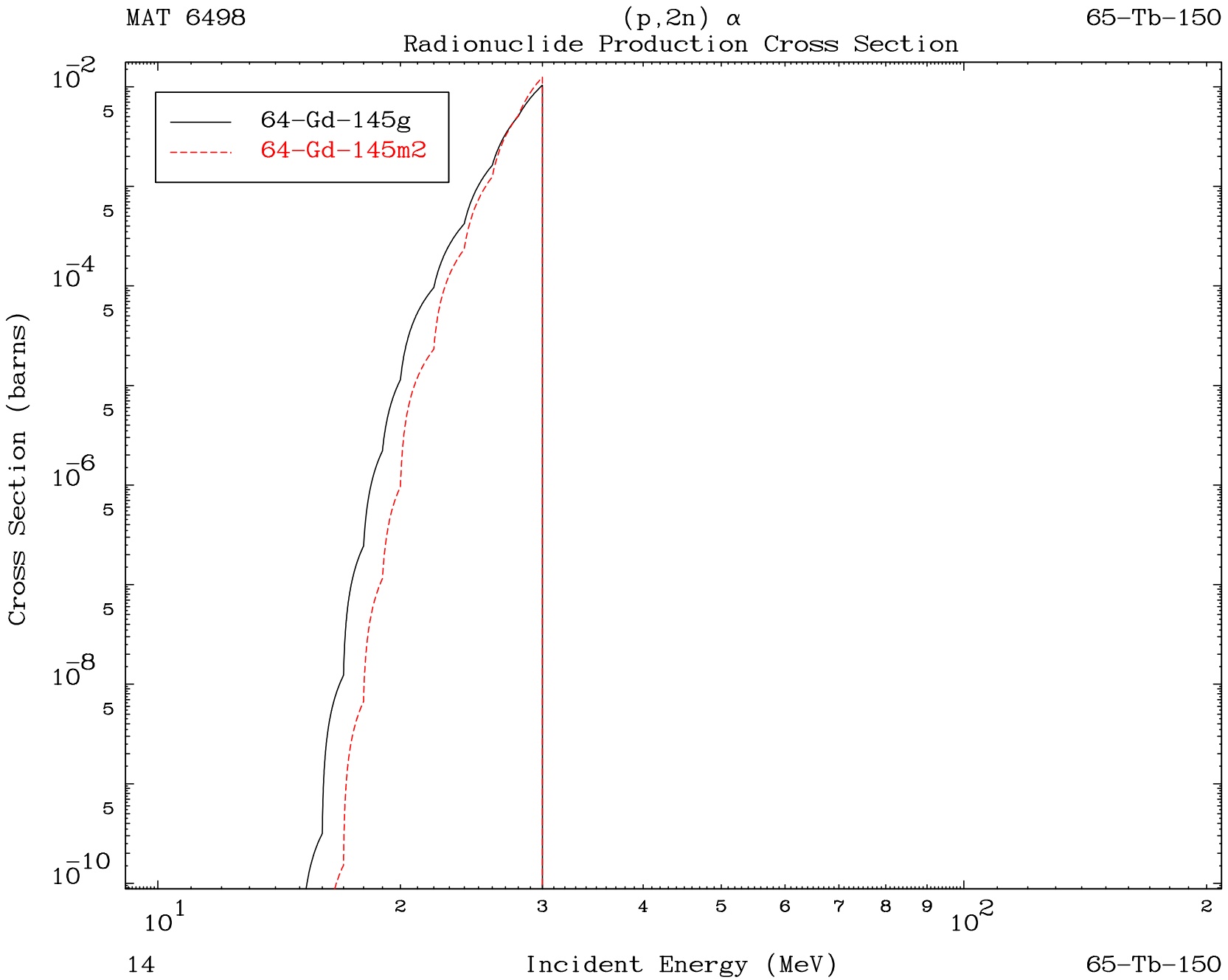

MAT 6498
(p,t) Levels
65-Tb-150
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
9
65-Tb-150

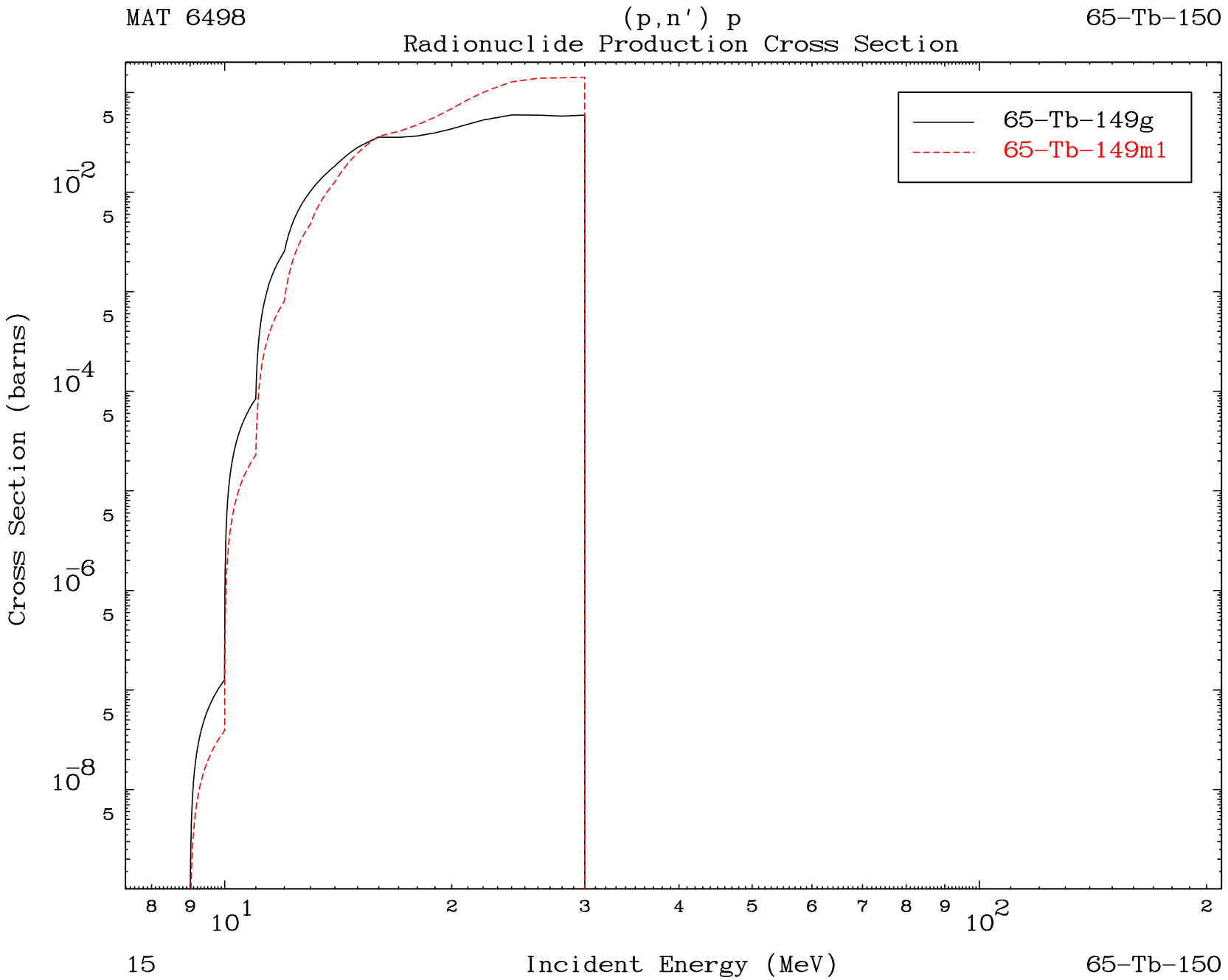

MAT 6498
(p,He3) Levels
65-Tb-150
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
65-Tb-150

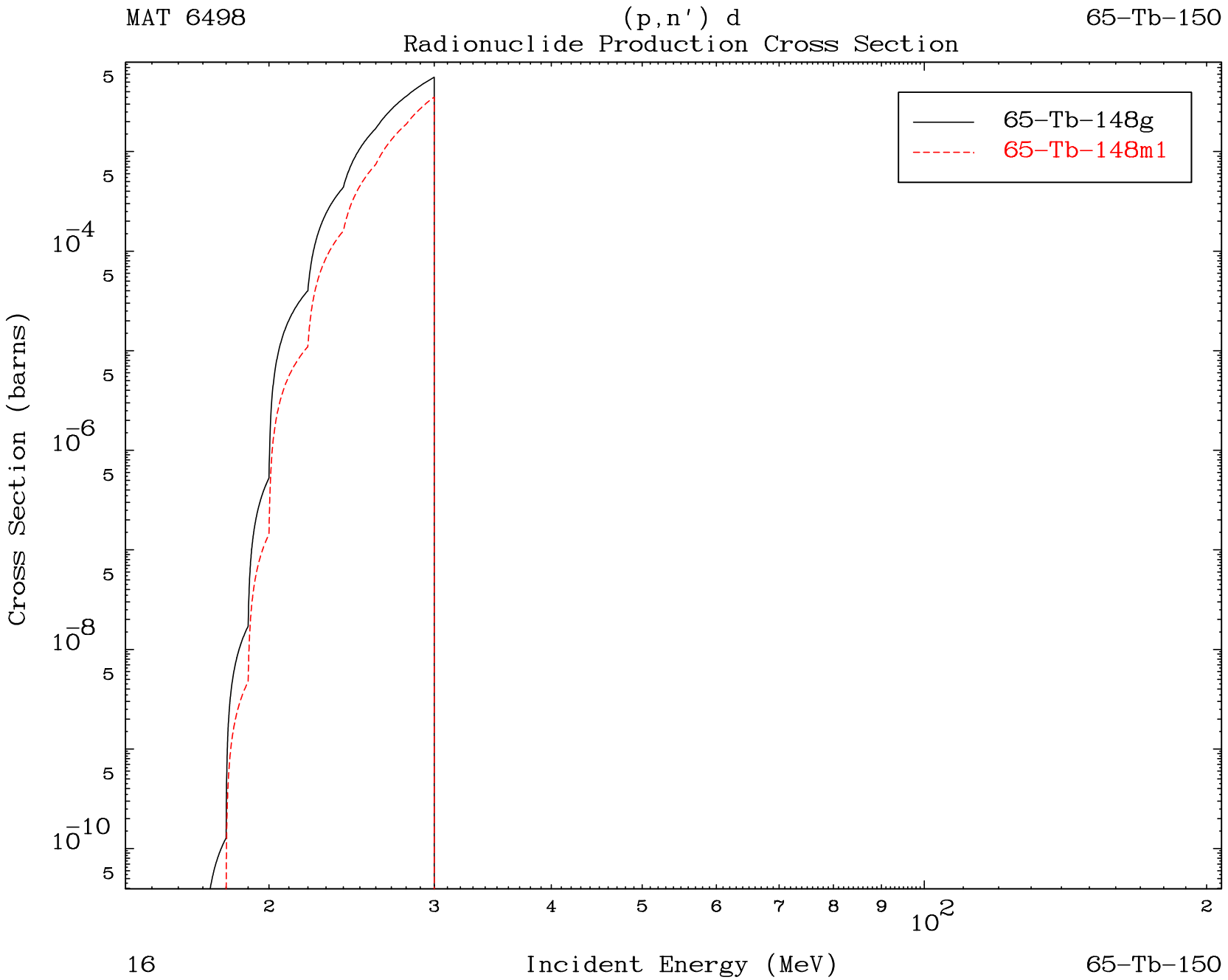

MAT 6498
(p,α) Levels
65-Tb-150
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
11
65-Tb-150

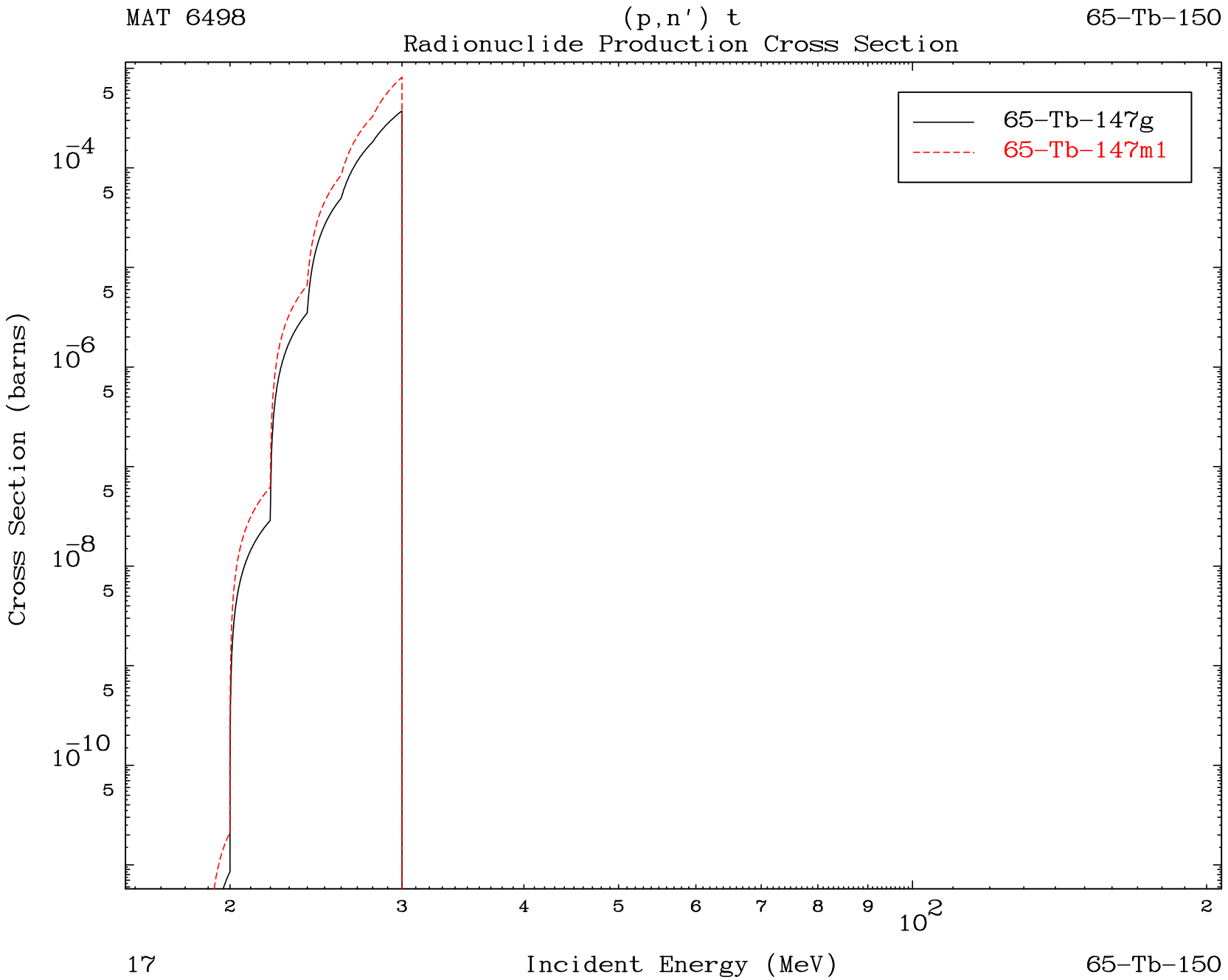

MAT 6498
(p,2n) d
65-Tb-150
Radionuclide Production Cross Section
65-Tb-147g
65-Tb-147m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
65-Tb-150

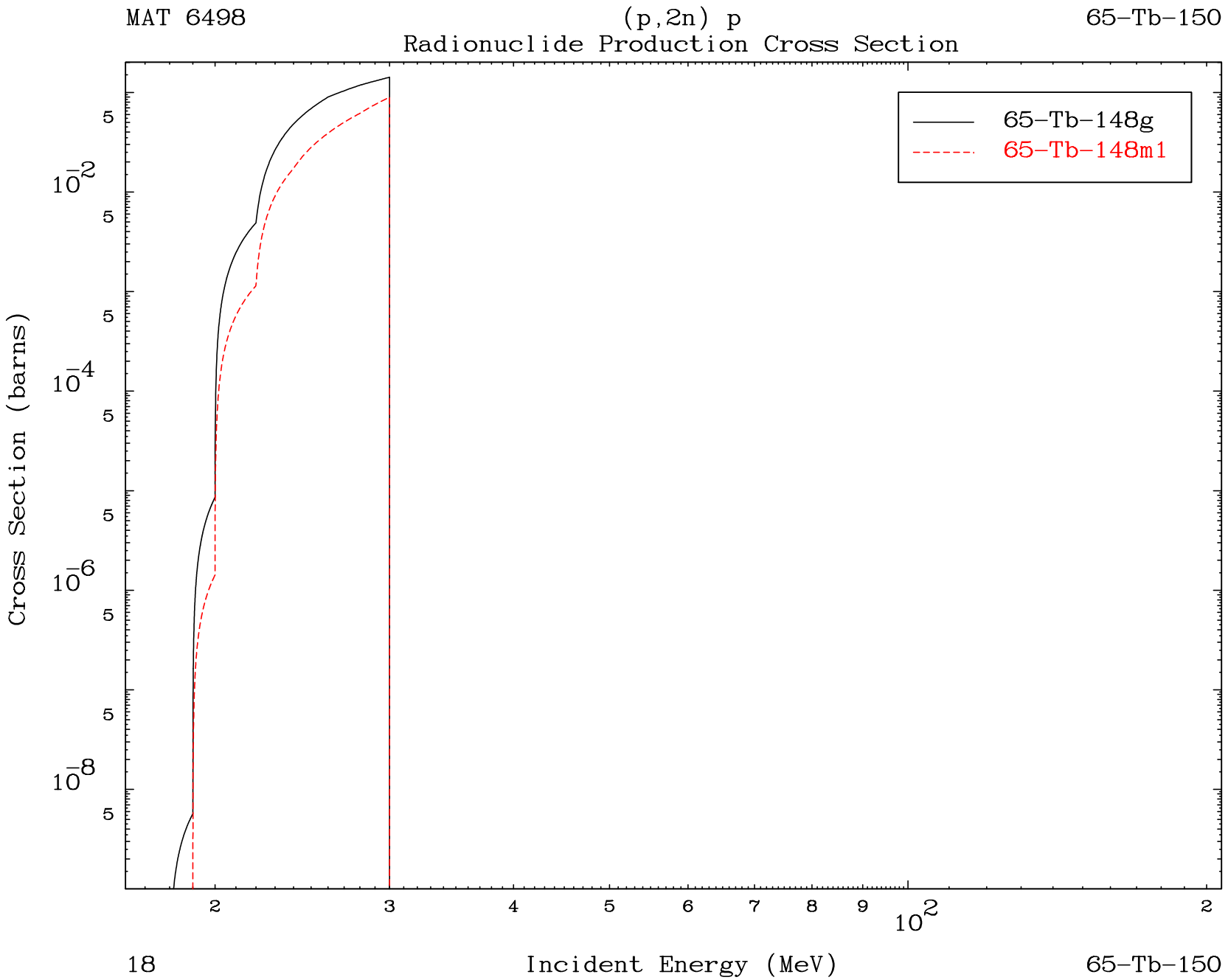

MAT 6498
(p,2n)
65-Tb-150
Radionuclide Production Cross Section
Cross Section (barns)
66-Dy-149g
66-Dy-149m27
Incident Energy (MeV)
13
65-Tb-150

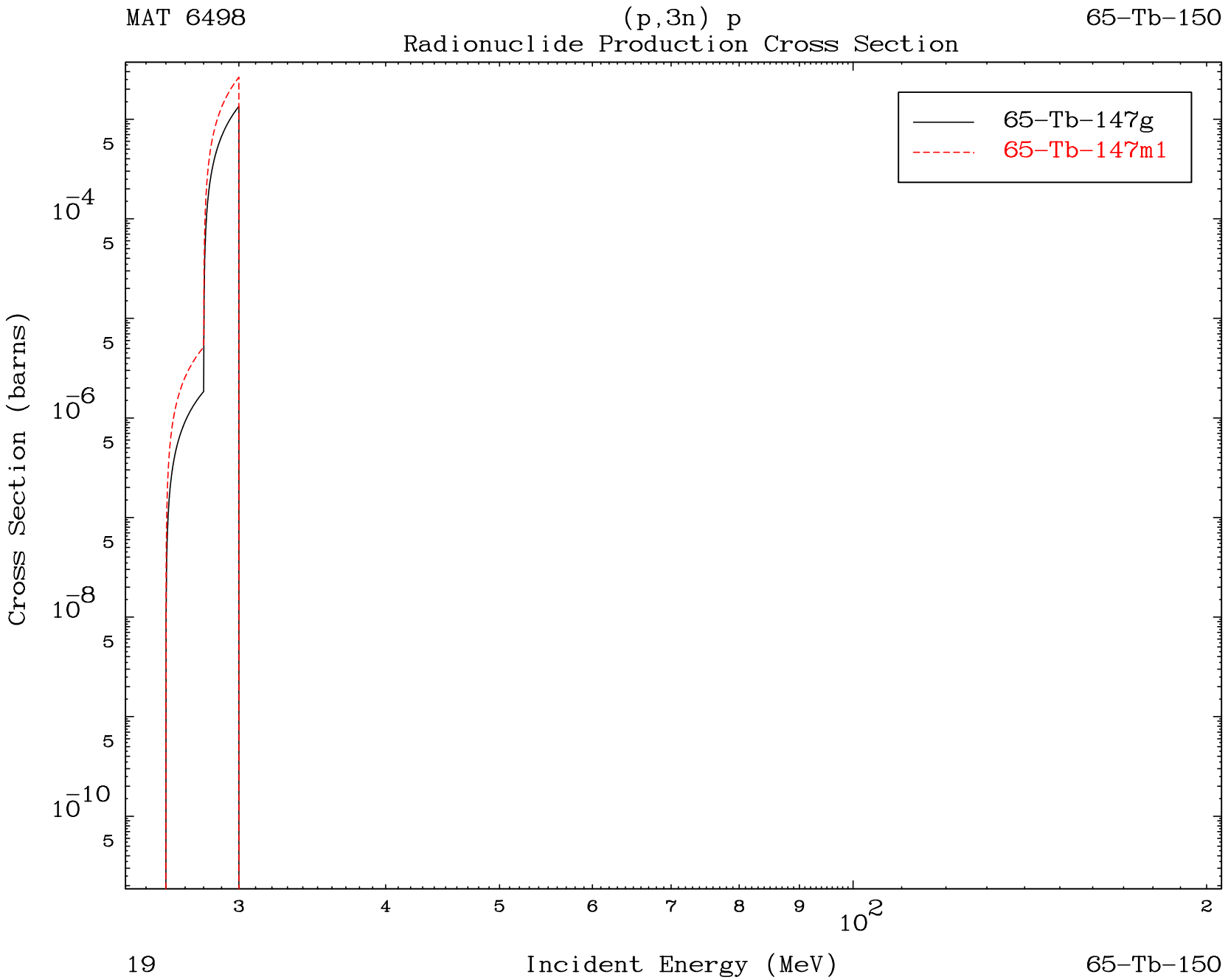

MAT 6498
(p,2n) α
65-Tb-150
Radionuclide Production Cross Section
64-Gd-145g
64-Gd-145m2
Cross Section (barns)
Incident Energy (MeV)
14
65-Tb-150

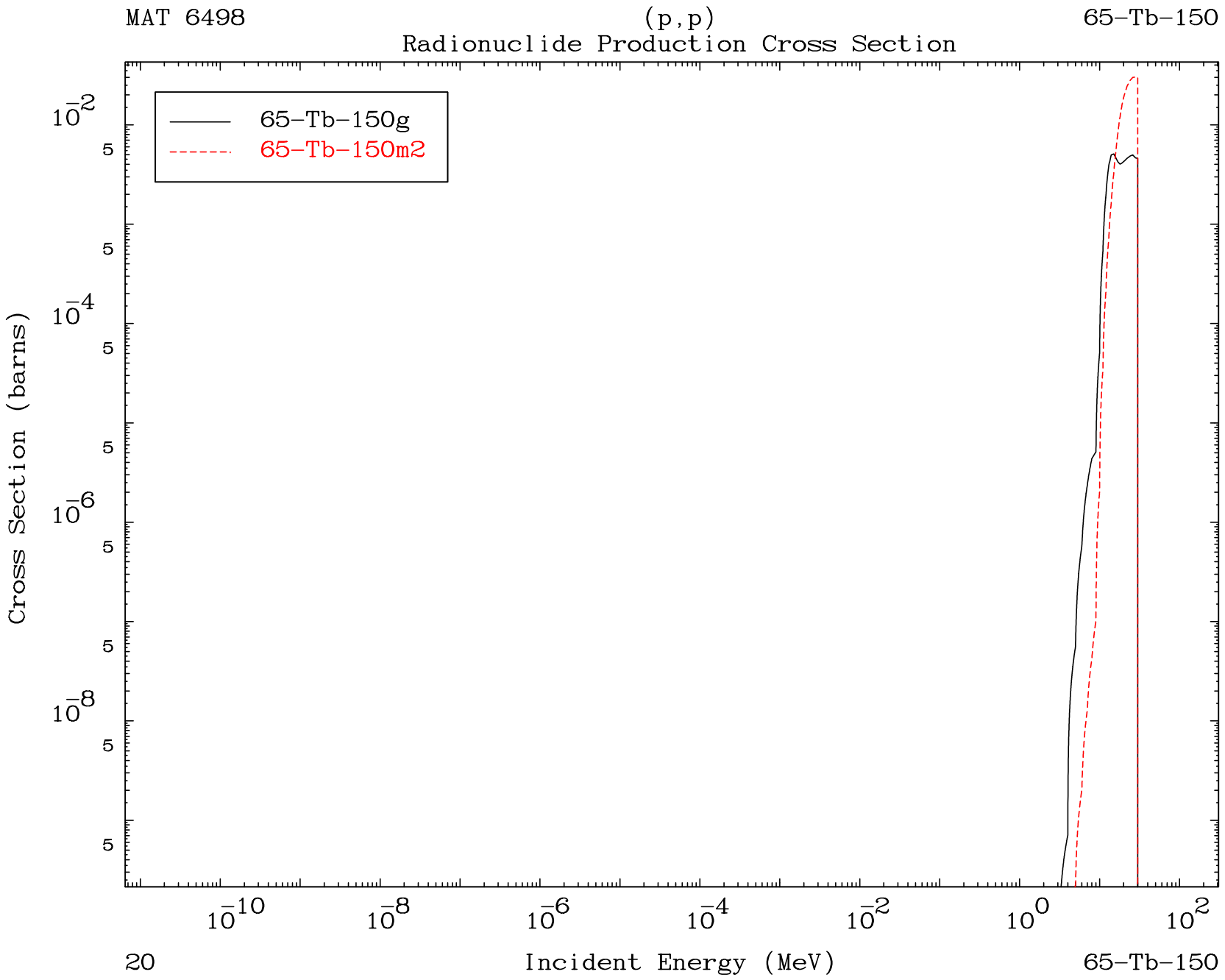

MAT 6498
(p,n') p
65-Tb-150
Radionuclide Production Cross Section
65-Tb-149g
65-Tb-149m1
Cross Section (barns)
10-2
10-4
10-6
10-8
8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
15
Incident Energy (MeV)
65-Tb-150

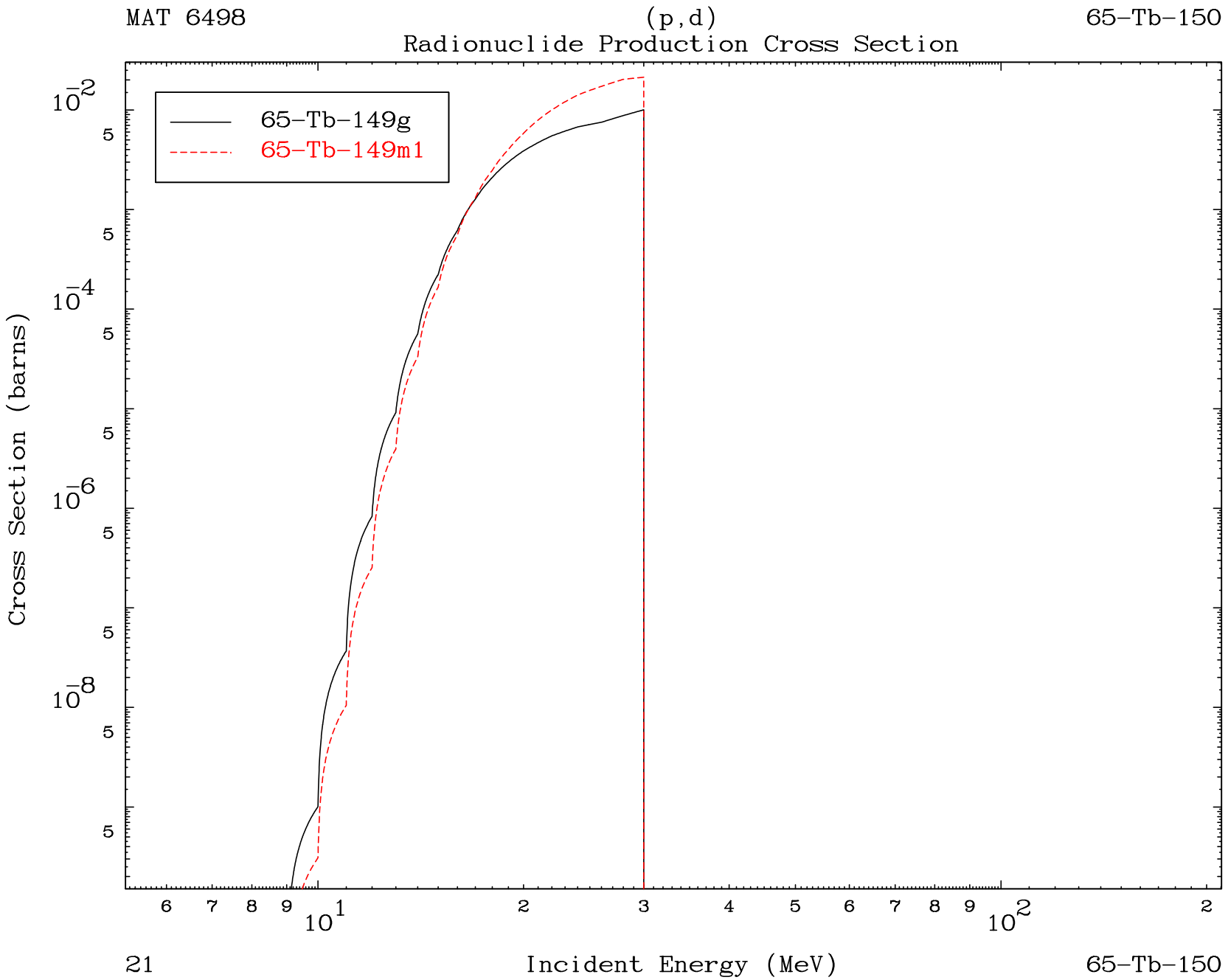

MAT 6498
(p,n') d
65-Tb-150
Radionuclide Production Cross Section
65-Tb-148g
65-Tb-148m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
6
7
8
9
10 2
Incident Energy (MeV)
16
65-Tb-150

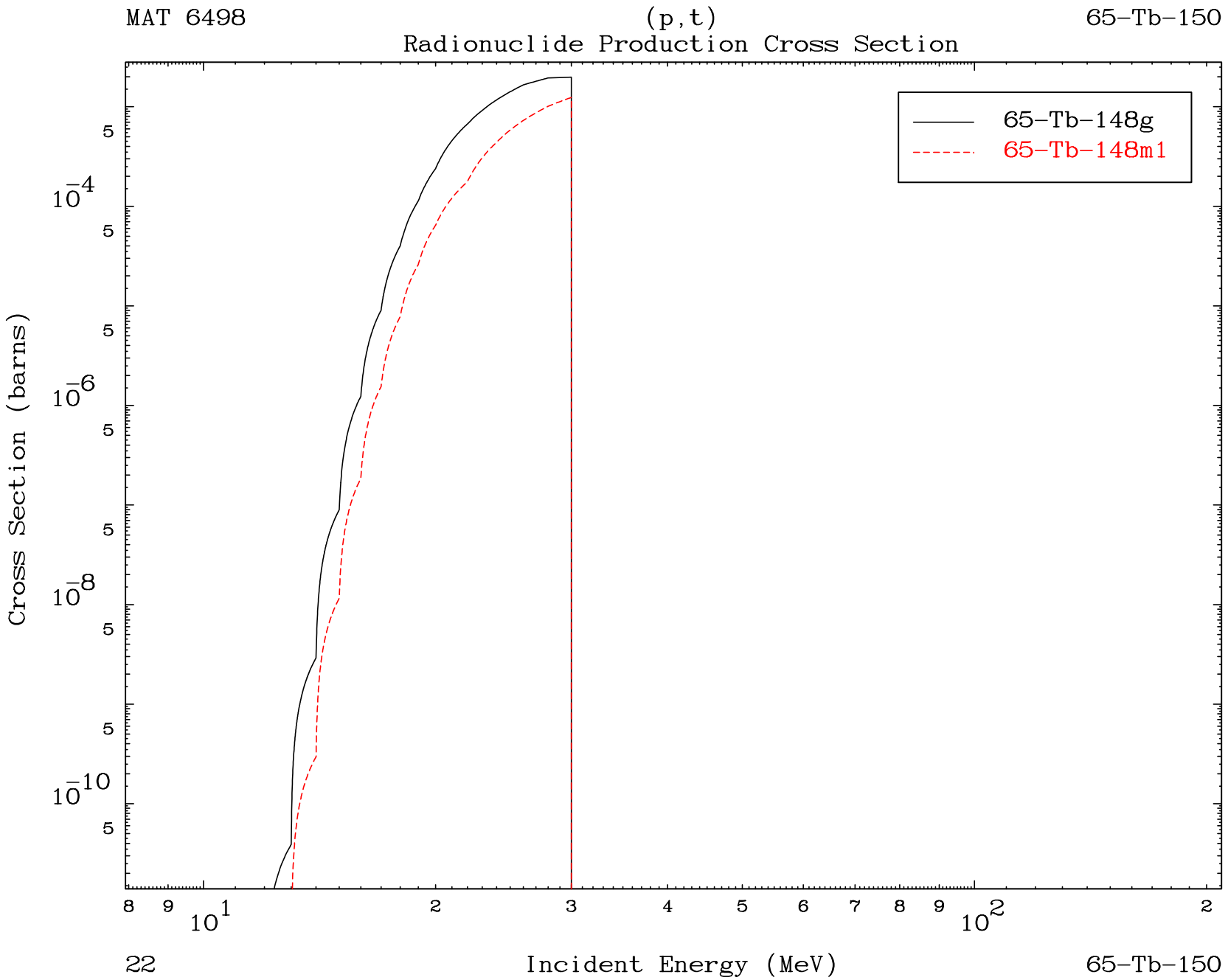

MAT 6498
(p,n') t
65-Tb-150
Radionuclide Production Cross Section
65-Tb-147g
65-Tb-147m1
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
17
65-Tb-150

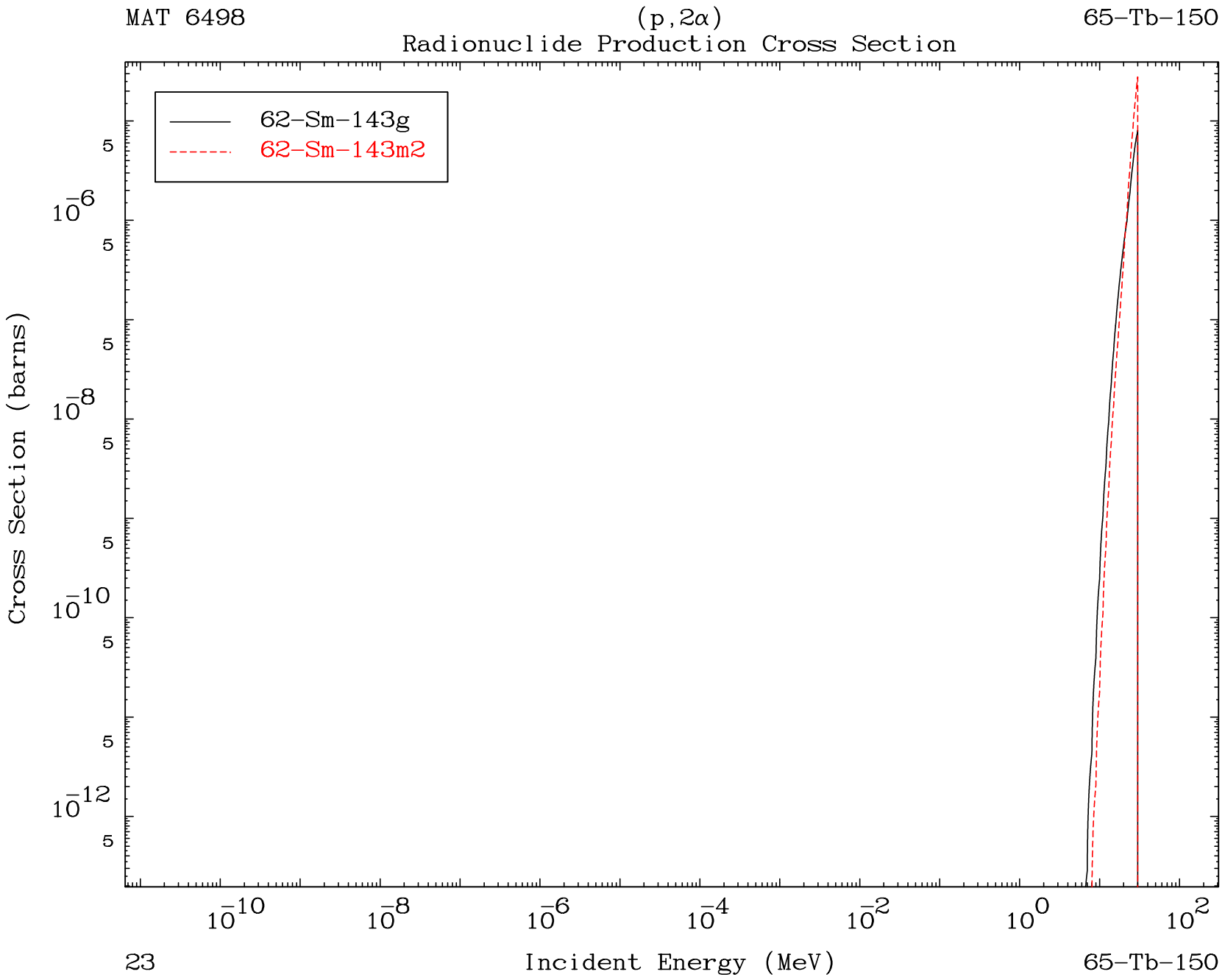

MAT 6498
(p,2n) p
65-Tb-150
Radionuclide Production Cross Section
65-Tb-148g
65-Tb-148m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
18
Incident Energy (MeV)
65-Tb-150


MAT 6498
(p,3n) p
65-Tb-150
Radionuclide Production Cross Section
65-Tb-147g
65-Tb-147m1
Cross Section (barns)
10-4
10-6
10-8
10-10
3
4
5
6
7
8
9
10 2
2
19
Incident Energy (MeV)
65-Tb-150


MAT 6498
(p,p)
65-Tb-150
Radionuclide Production Cross Section
65-Tb-150g
65-Tb-150m2
Cross Section (barns)
Incident Energy (MeV)
20
65-Tb-150


MAT 6498
(p,d)
65-Tb-150
Radionuclide Production Cross Section
65-Tb-149g
65-Tb-149m1
Cross Section (barns)
Incident Energy (MeV)
21
65-Tb-150


MAT 6498
(p,t)
65-Tb-150
Radionuclide Production Cross Section
65-Tb-148g
65-Tb-148m1
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
22
Incident Energy (MeV)
65-Tb-150


MAT 6498
(p,2α)
65-Tb-150
Radionuclide Production Cross Section
62-Sm-143g
62-Sm-143m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
23
Incident Energy (MeV)
65-Tb-150