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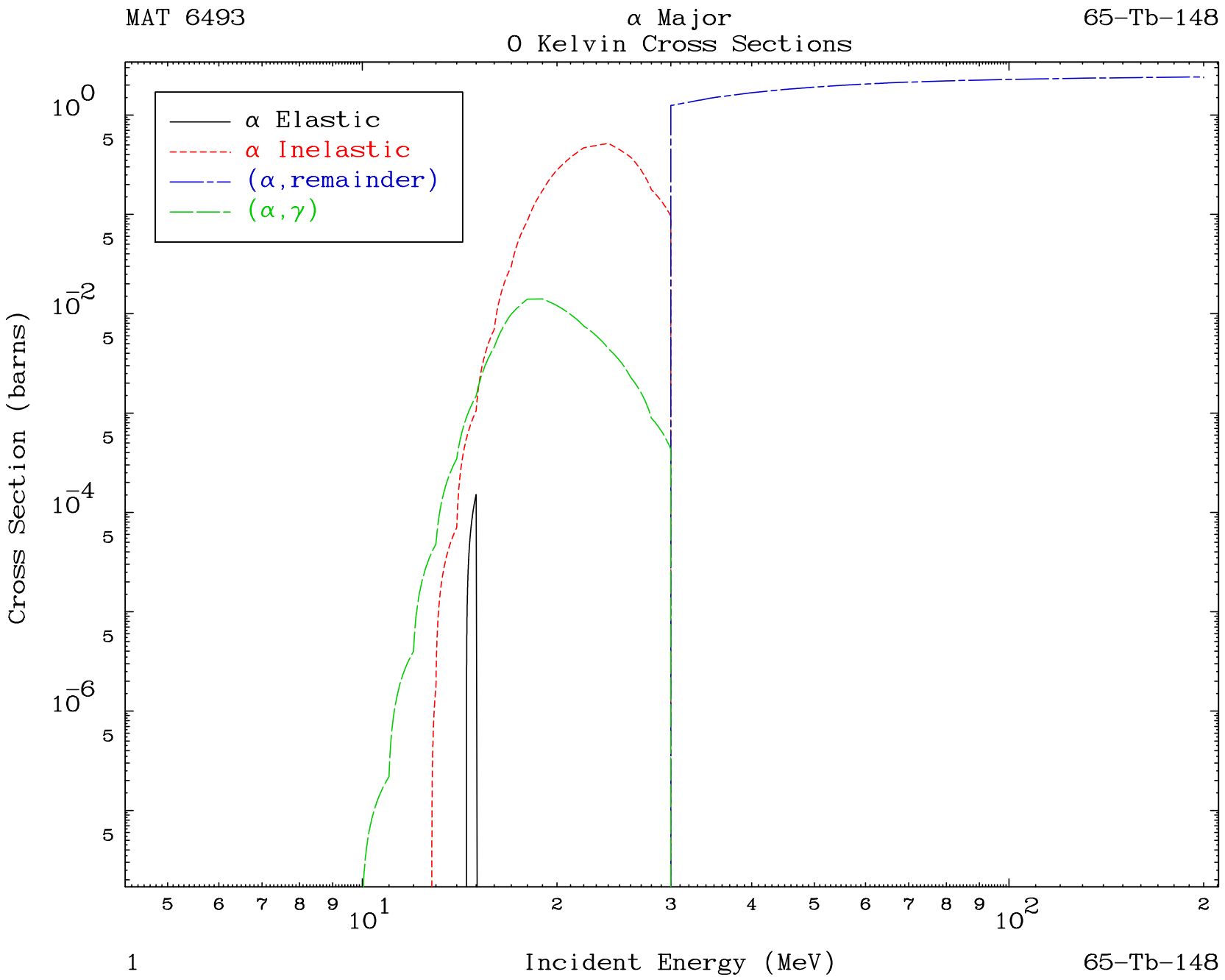
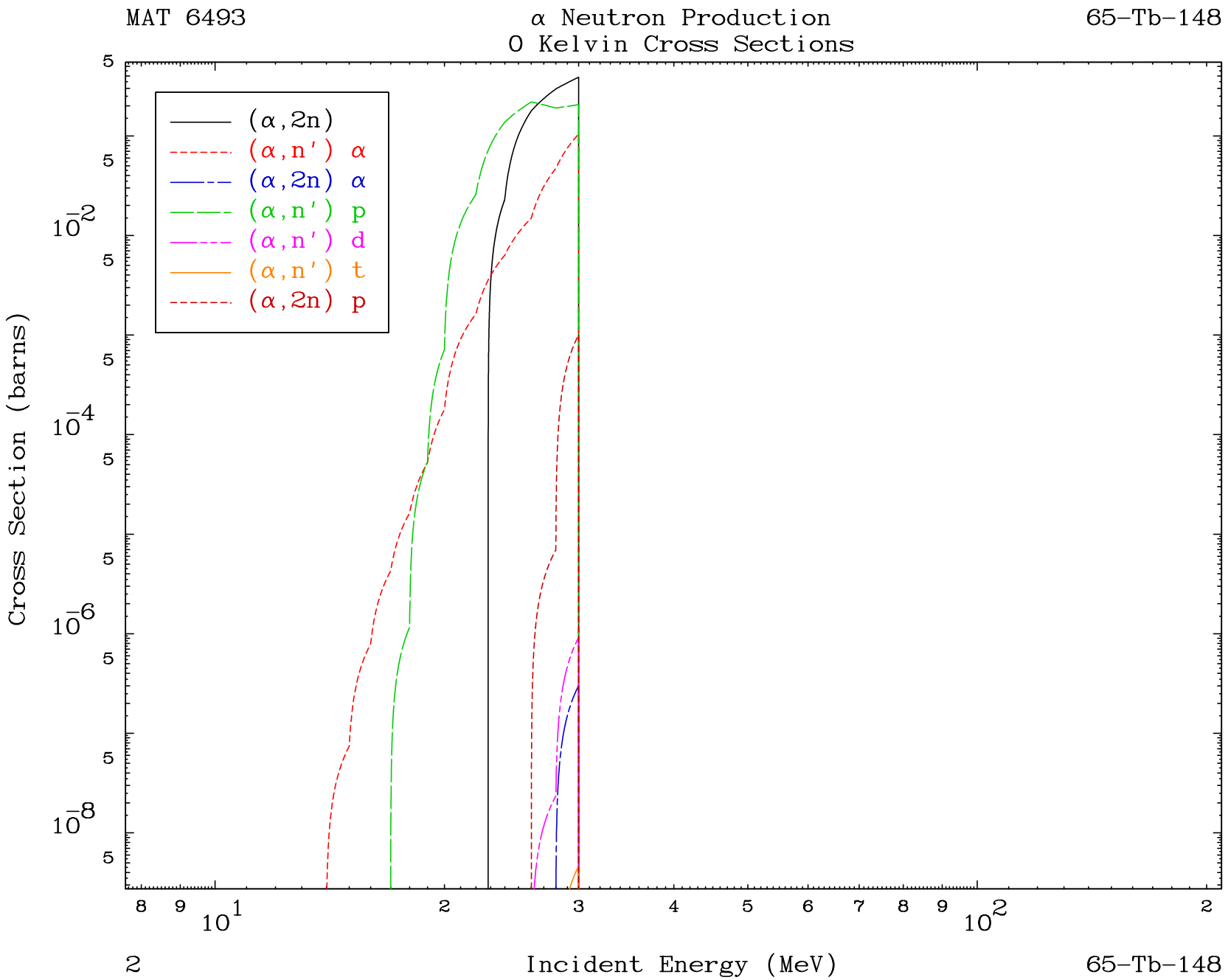
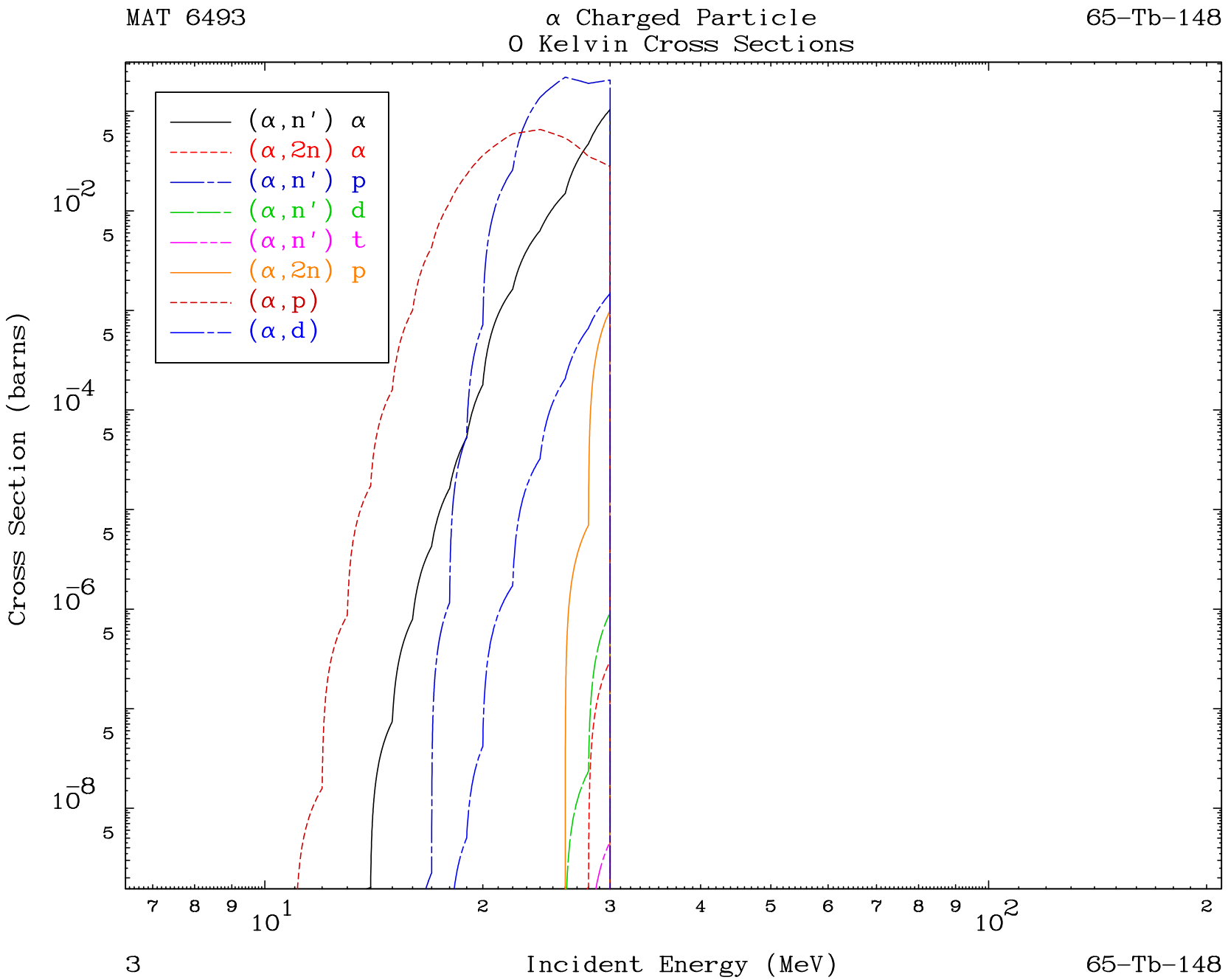
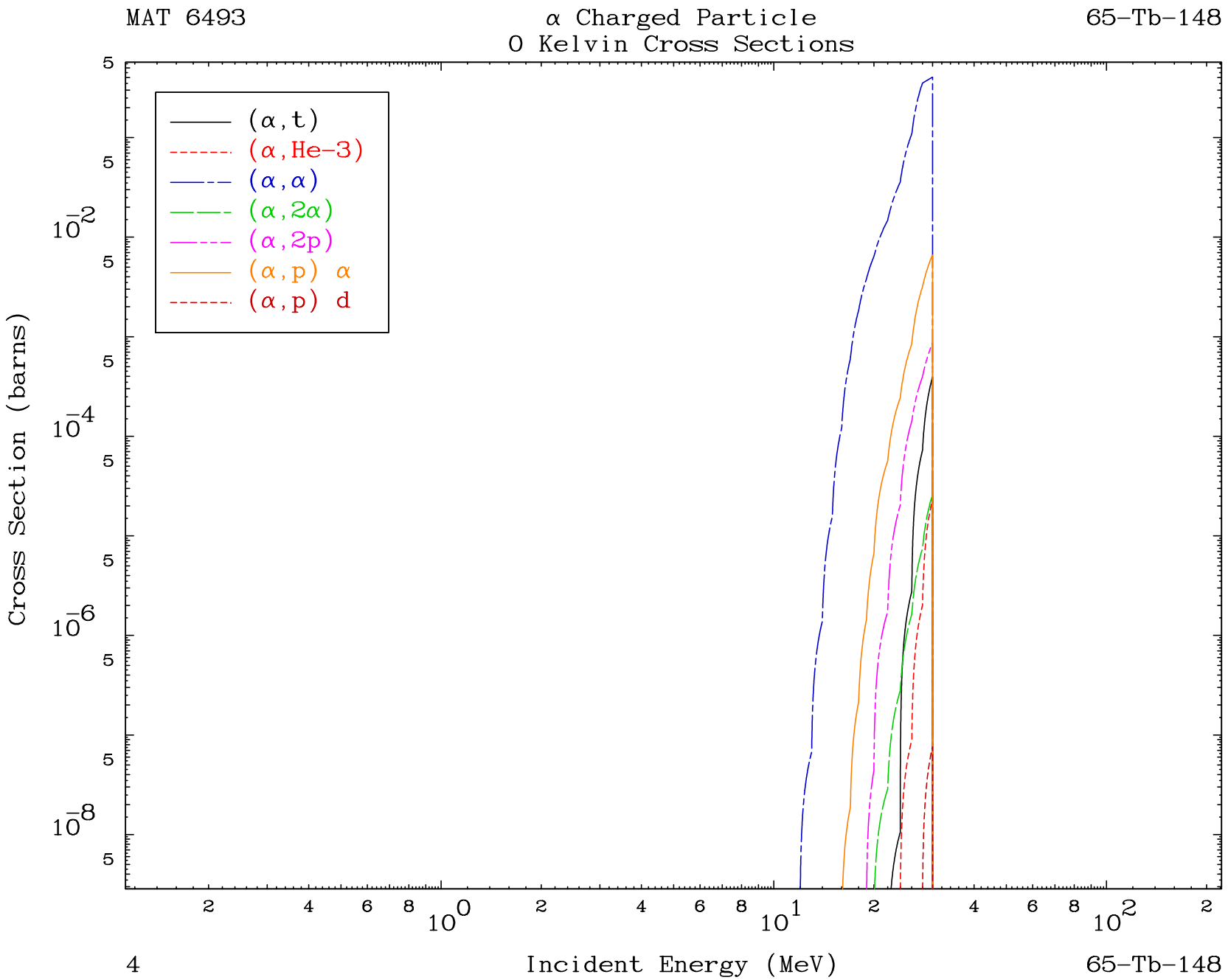
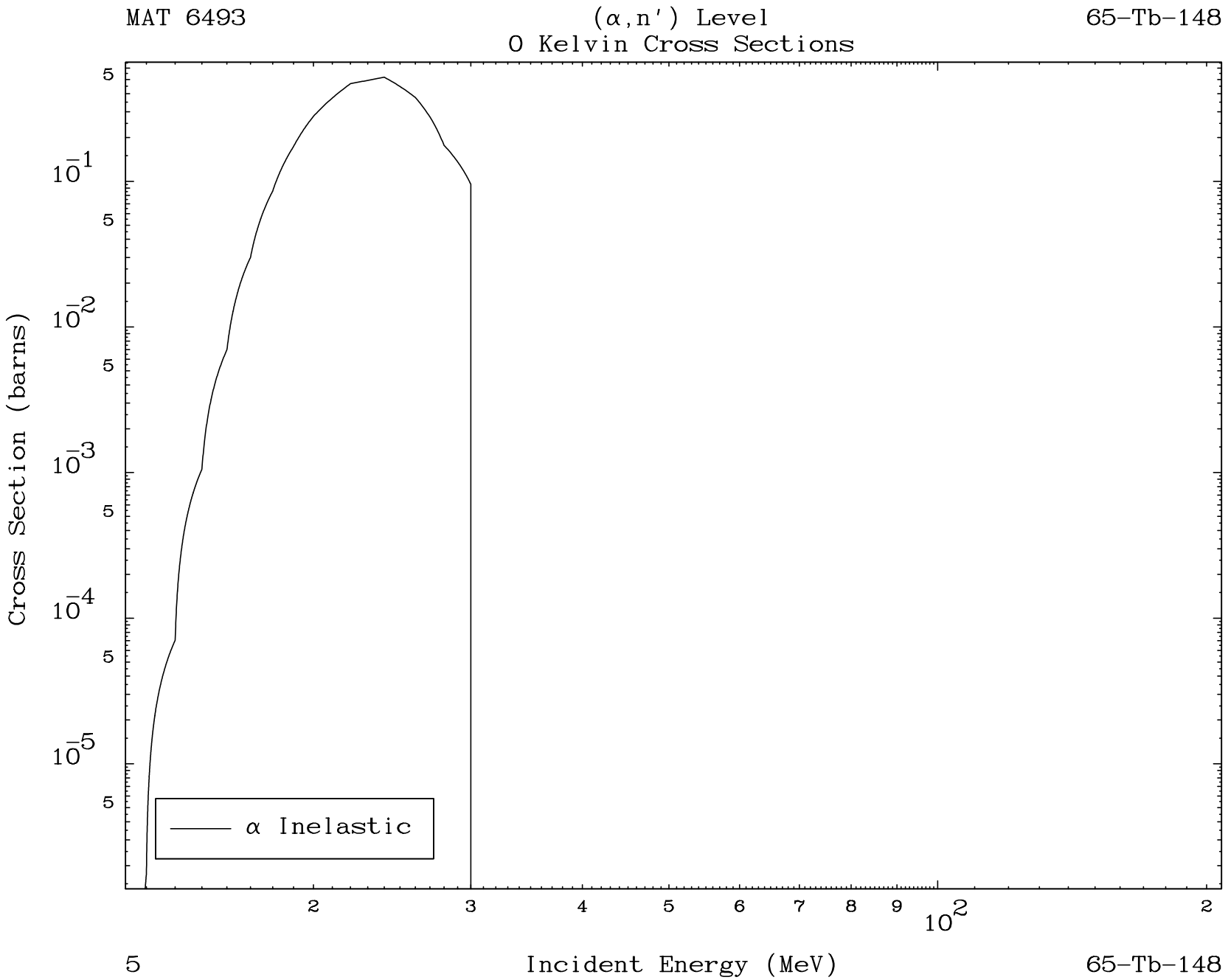
Press Mouse Button to Start

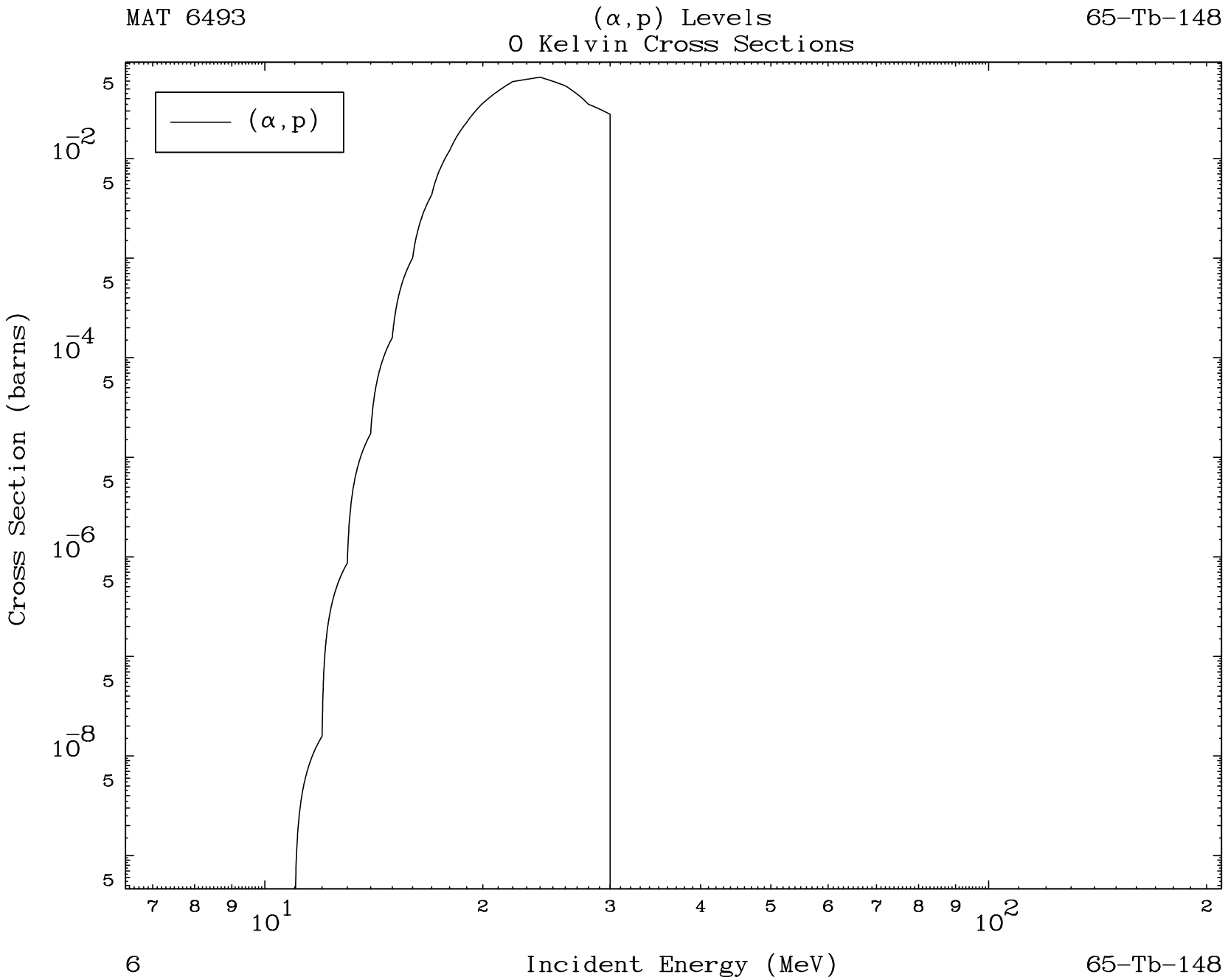

MAT 6493
α Major
65-Tb-148
0 Kelvin Cross Sections
α Elastic
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-148

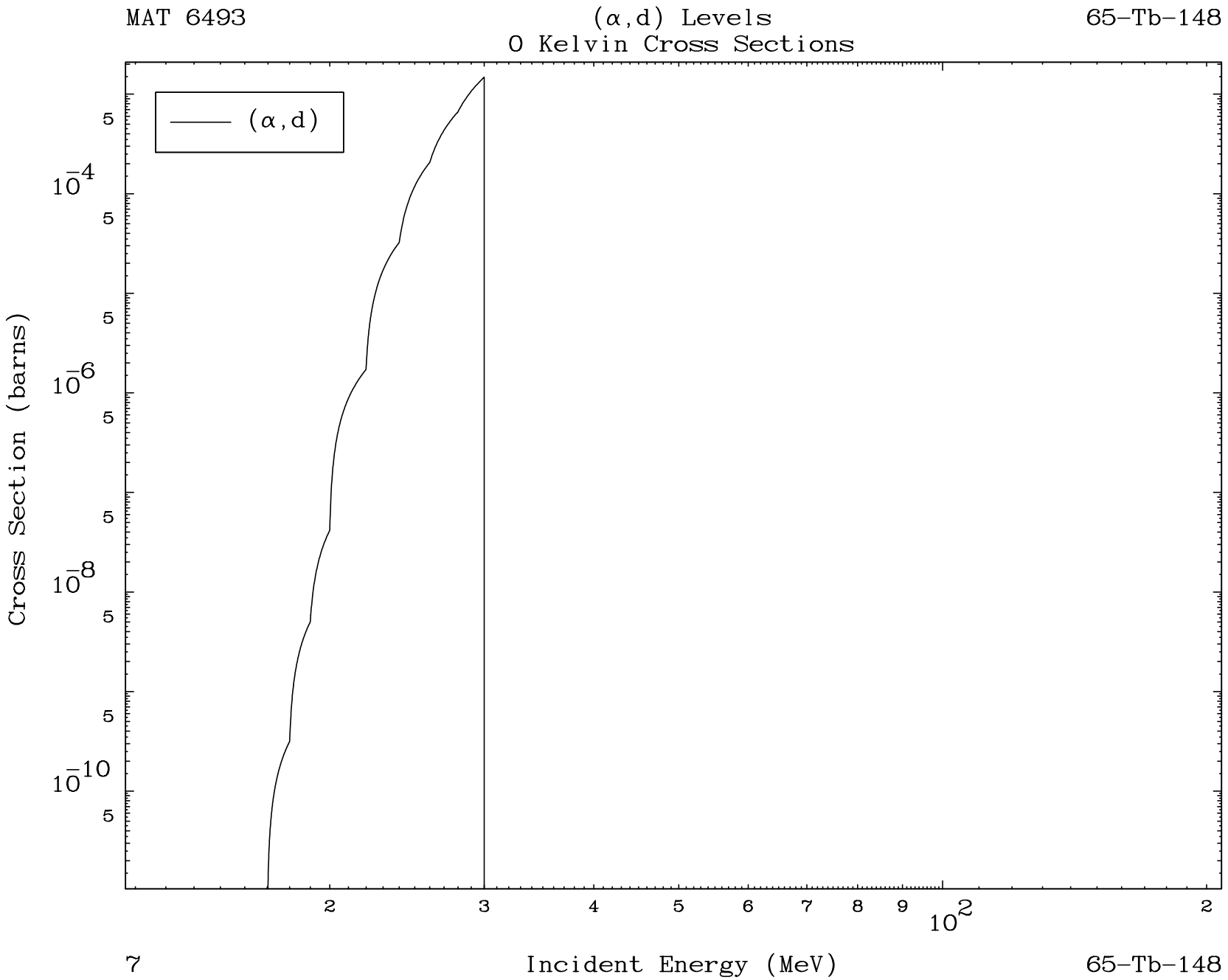

MAT 6493
α Neutron Production
0 Kelvin Cross Sections
65-Tb-148
(α,2n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,n') t
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
65-Tb-148

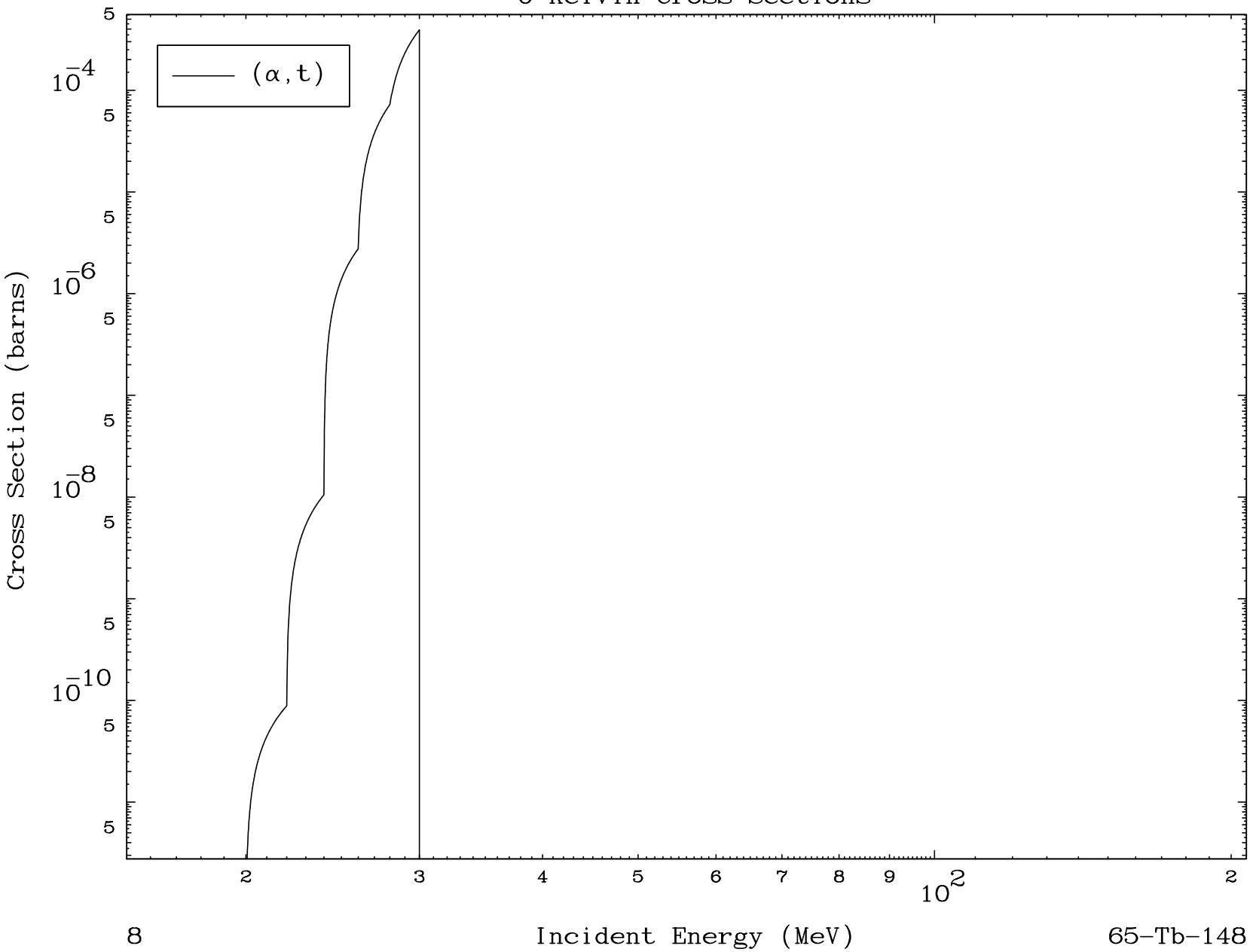

MAT 6493
α Charged Particle
0 Kelvin Cross Sections
65-Tb-148
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,n') t
(α,2n) p
(α,p)
(α,d)
Cross Section (barns)
Incident Energy (MeV)
3
65-Tb-148


MAT 6493
α Charged Particle
0 Kelvin Cross Sections
65-Tb-148
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
Cross Section (barns)
Incident Energy (MeV)
4
65-Tb-148

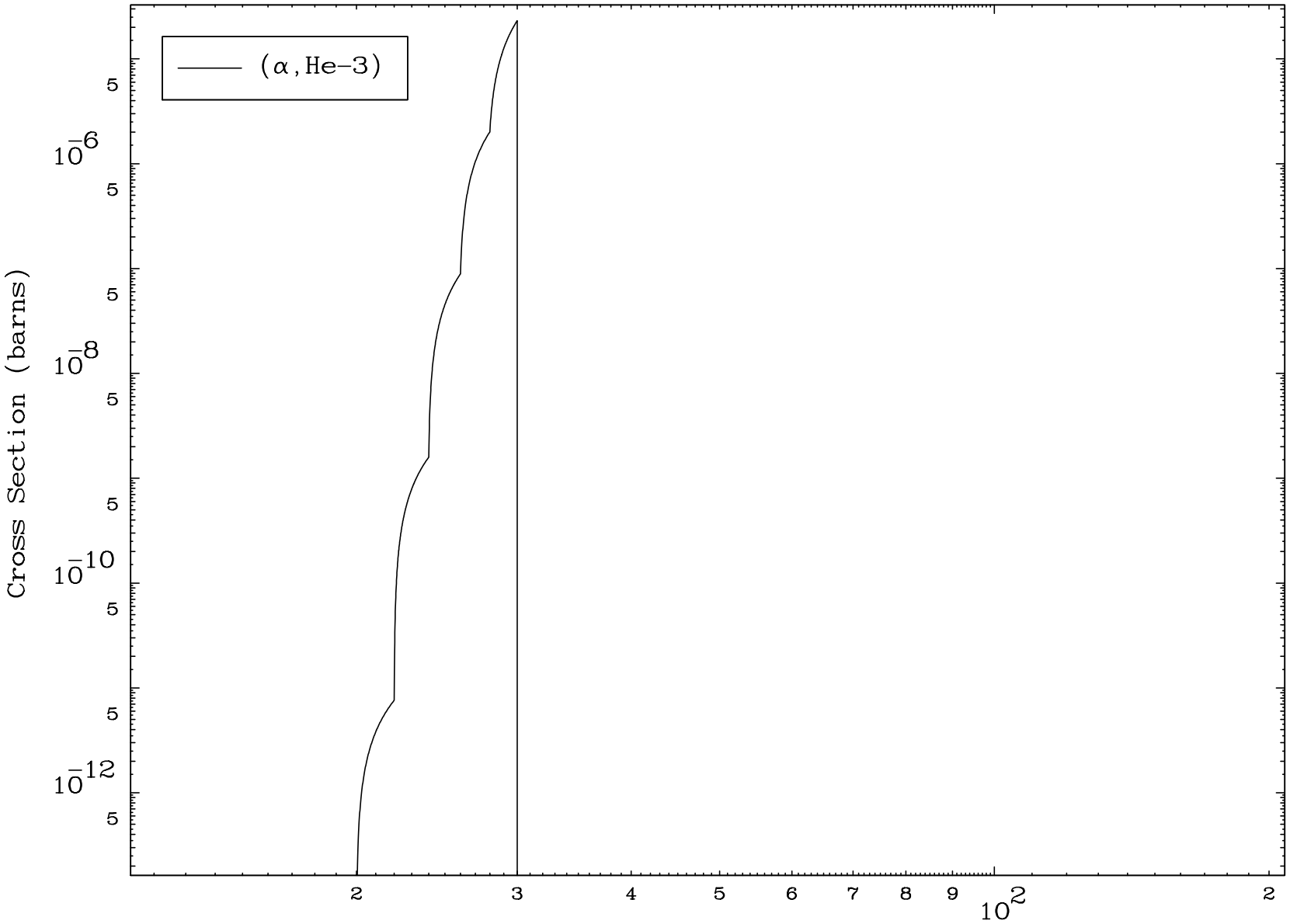

MAT 6493
(α,n') Level
65-Tb-148
0 Kelvin Cross Sections
Cross Section (barns)
5
10-1
5
10-2
5
10-3
5
10-4
5
10-5
5
α Inelastic
2
3
4
5
6
7
8
9
10 2
2
5
Incident Energy (MeV)
65-Tb-148

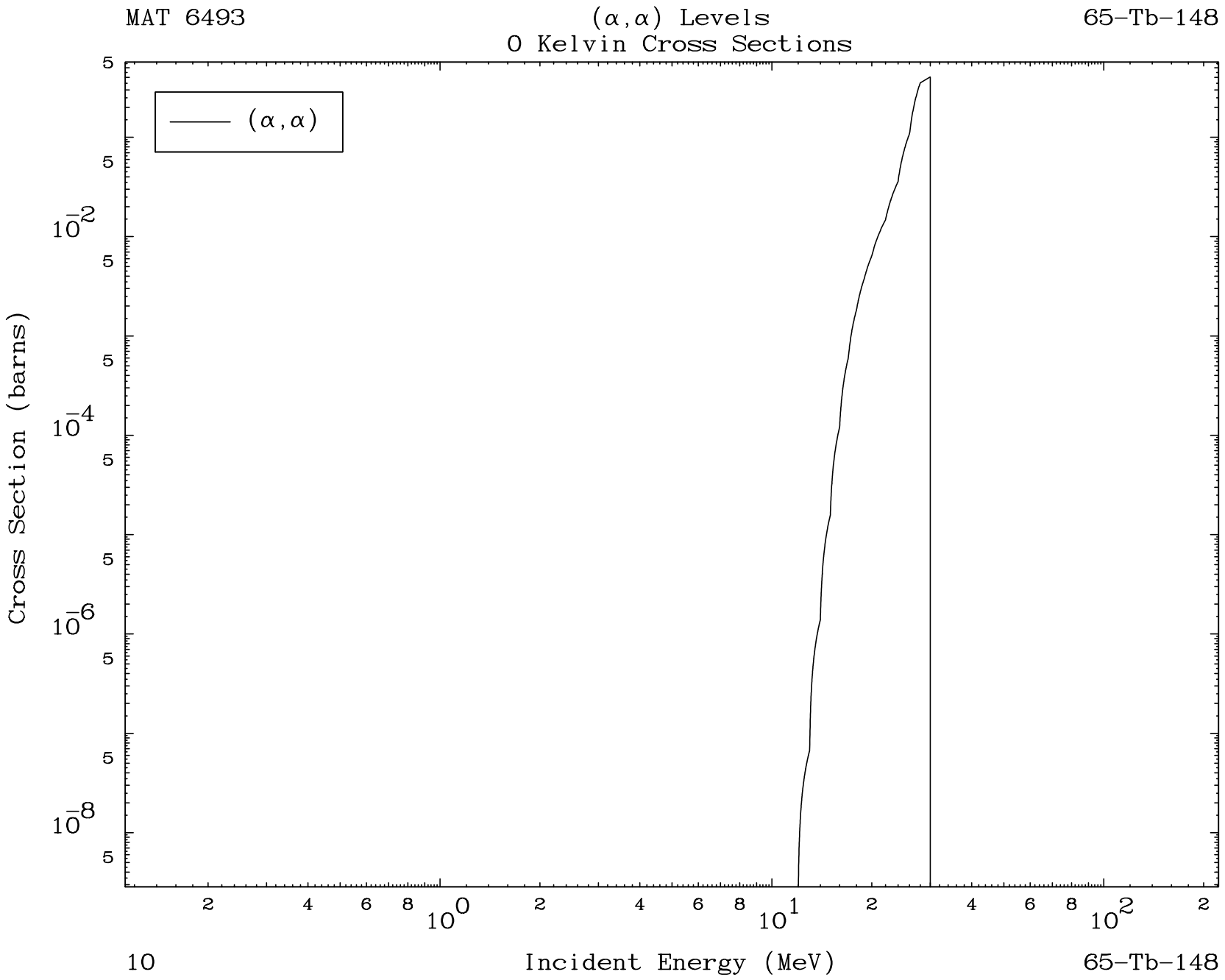

MAT 6493
(α,p) Levels
65-Tb-148
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
6
65-Tb-148

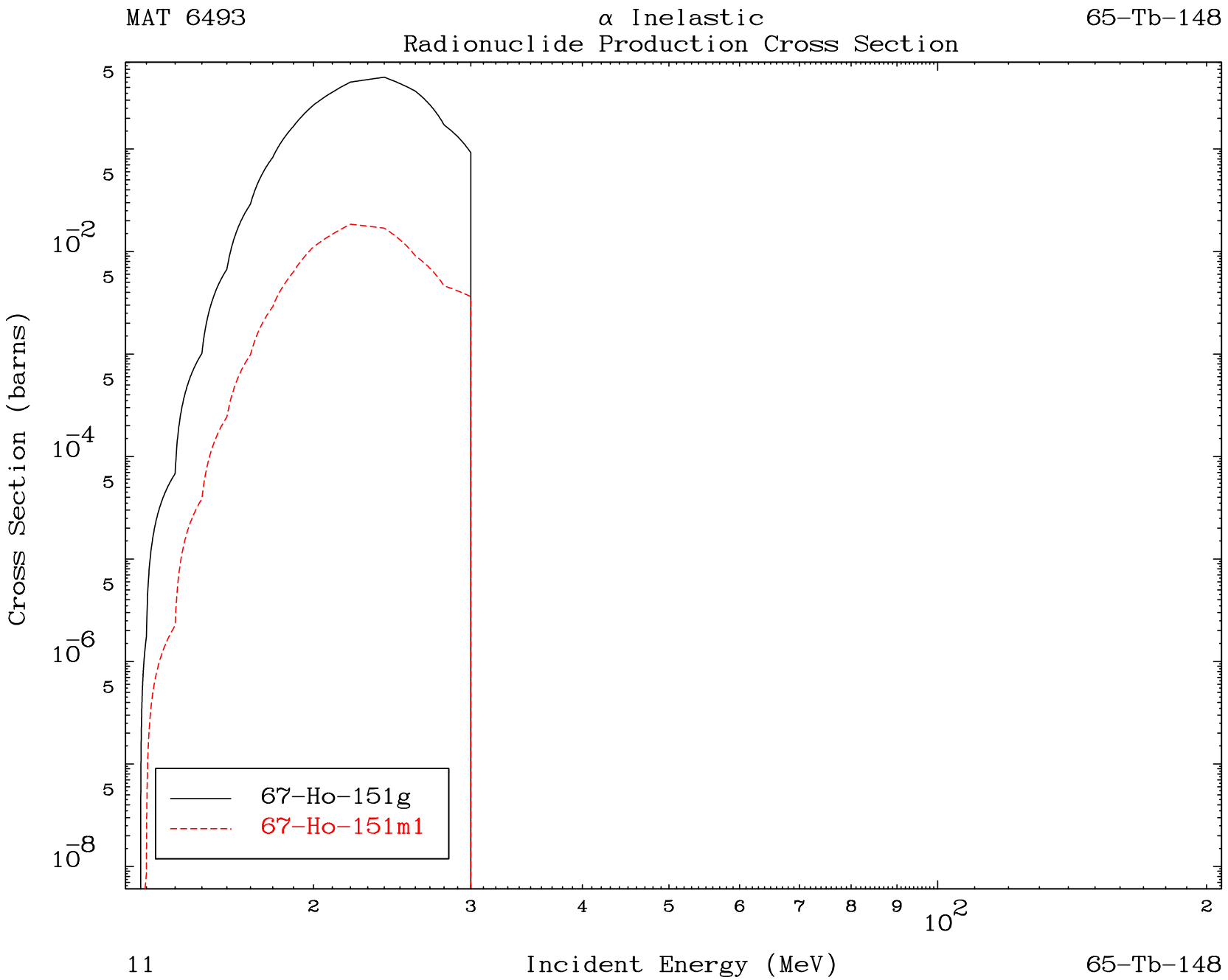

MAT 6493
(α,d) Levels
65-Tb-148
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
7
65-Tb-148

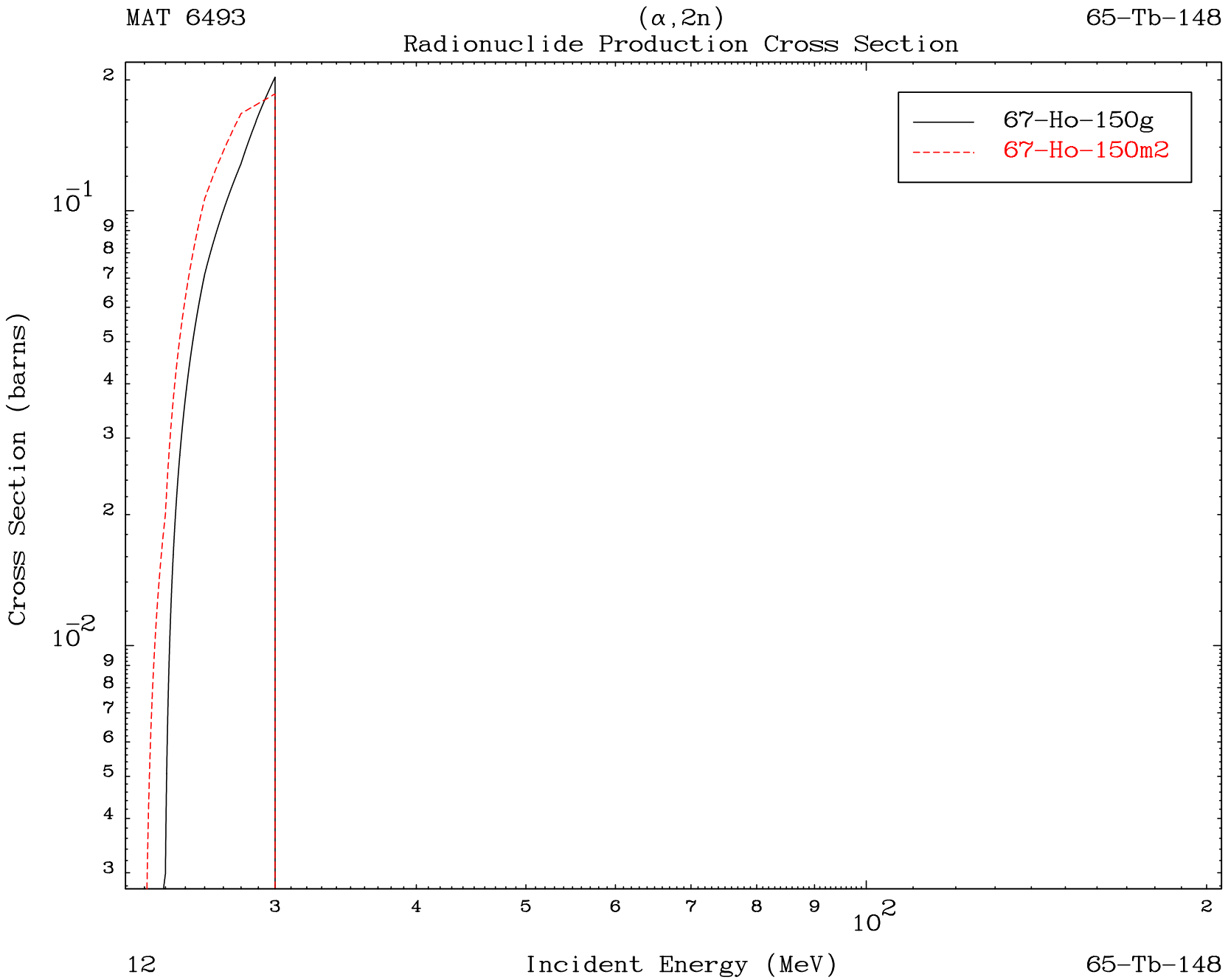

0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

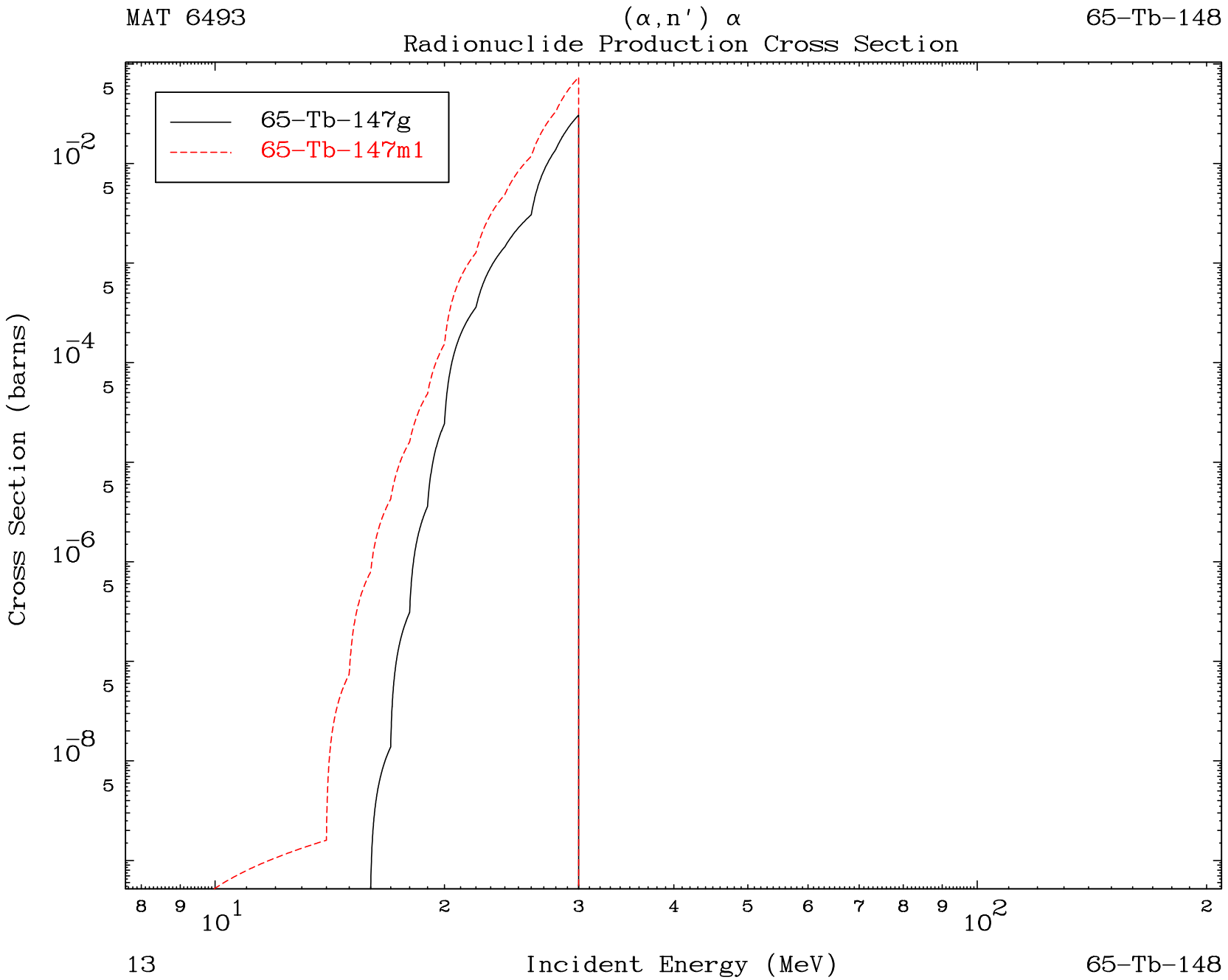
0 Kelvin Cross Sections

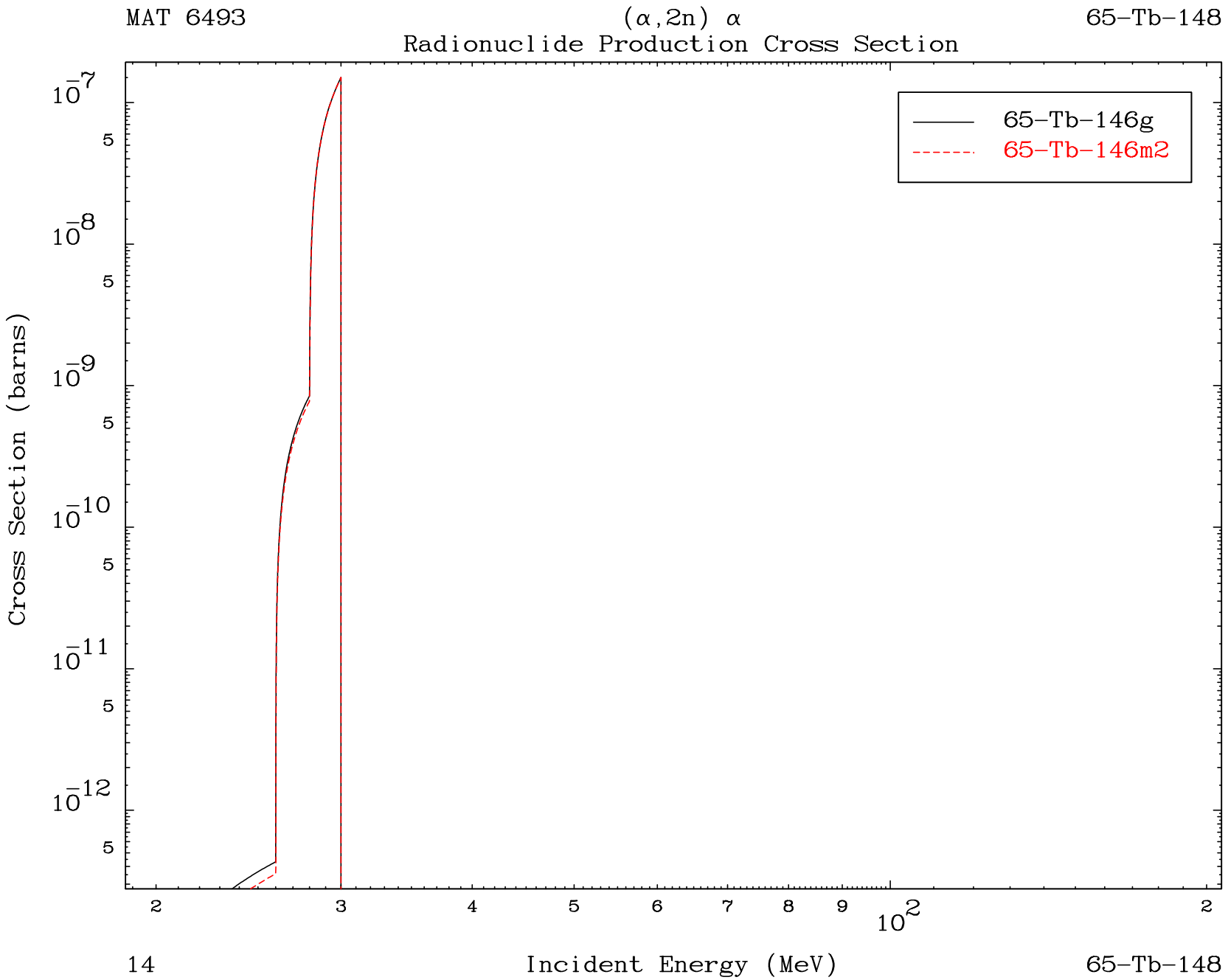


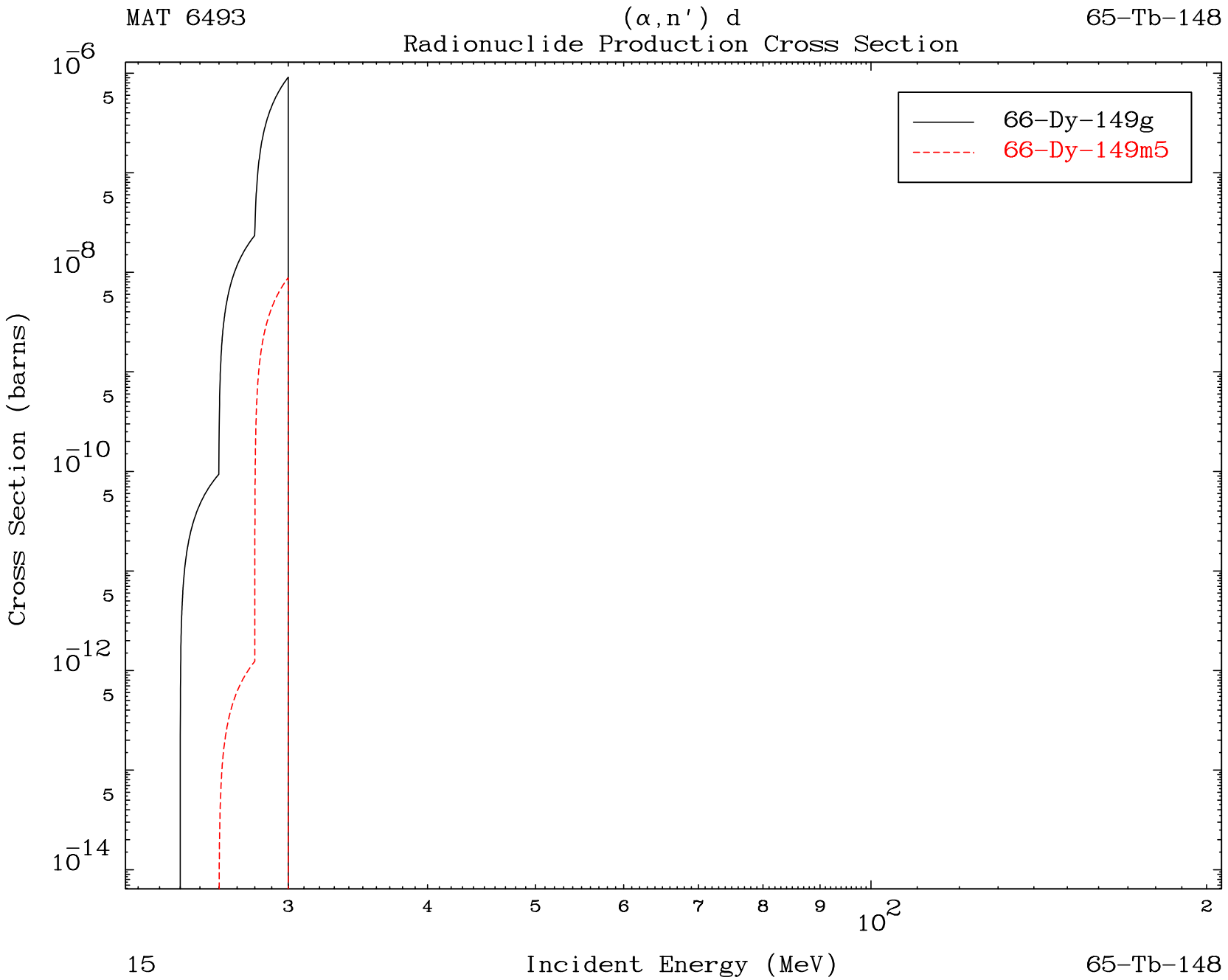

MAT 6493
(α,α) Levels
65-Tb-148
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-148

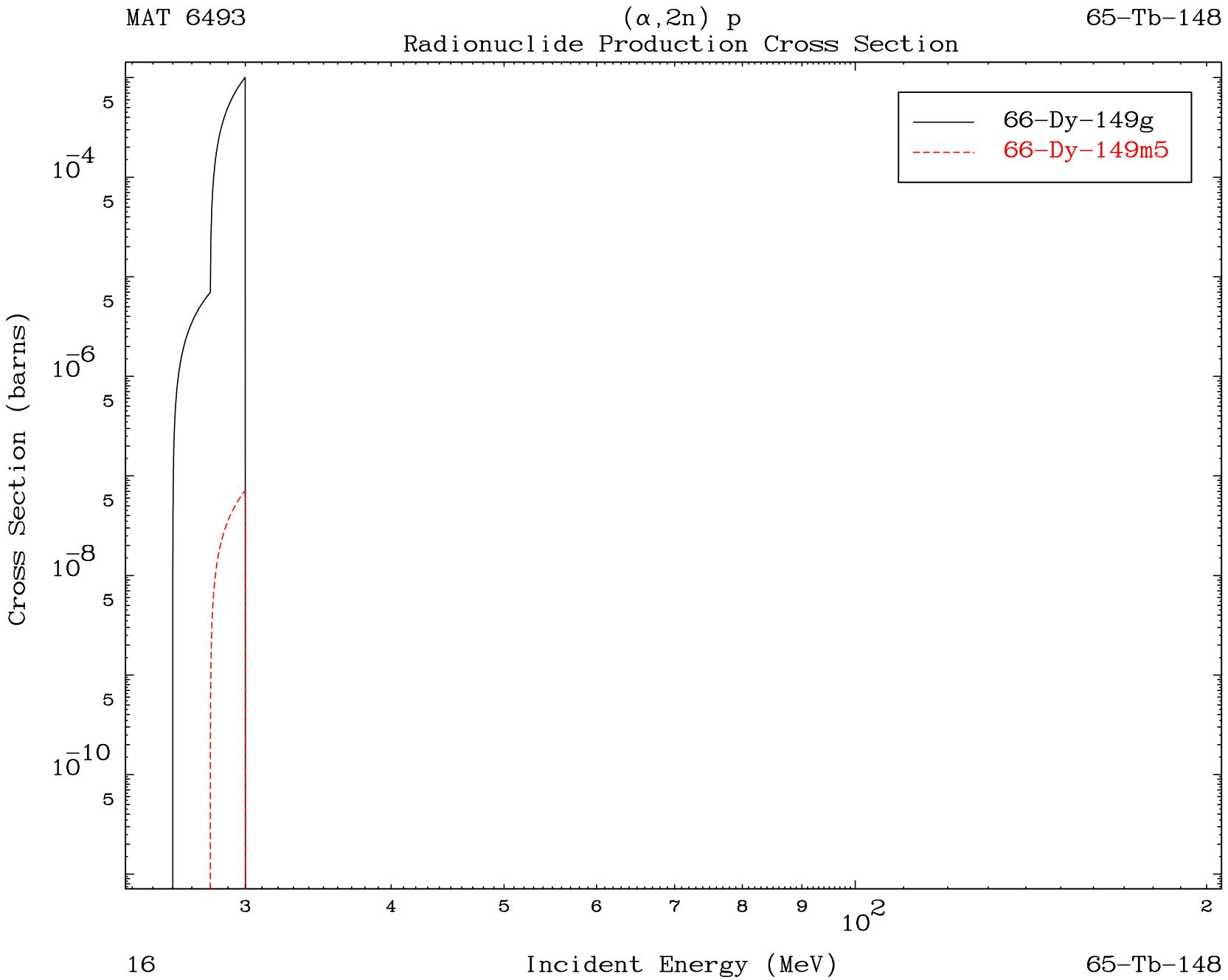

MAT 6493
α Inelastic
65-Tb-148
Radionuclide Production Cross Section
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
67-Ho-151g
67-Ho-151m1
11
Incident Energy (MeV)
65-Tb-148

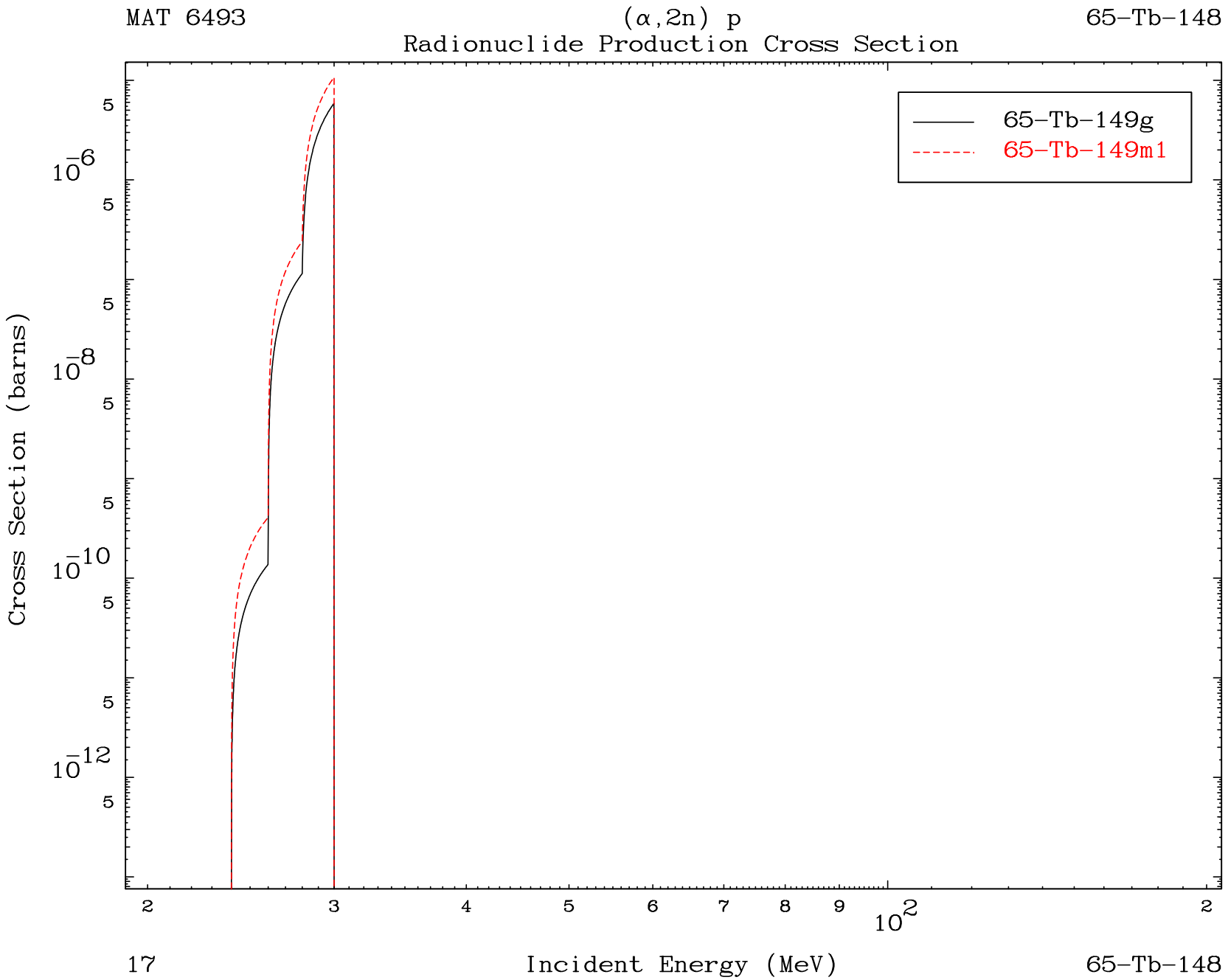

MAT 6493
(α,2n)
65-Tb-148
Radionuclide Production Cross Section
67-Ho-150g
67-Ho-150m2
Cross Section (barns)
Incident Energy (MeV)
12
65-Tb-148

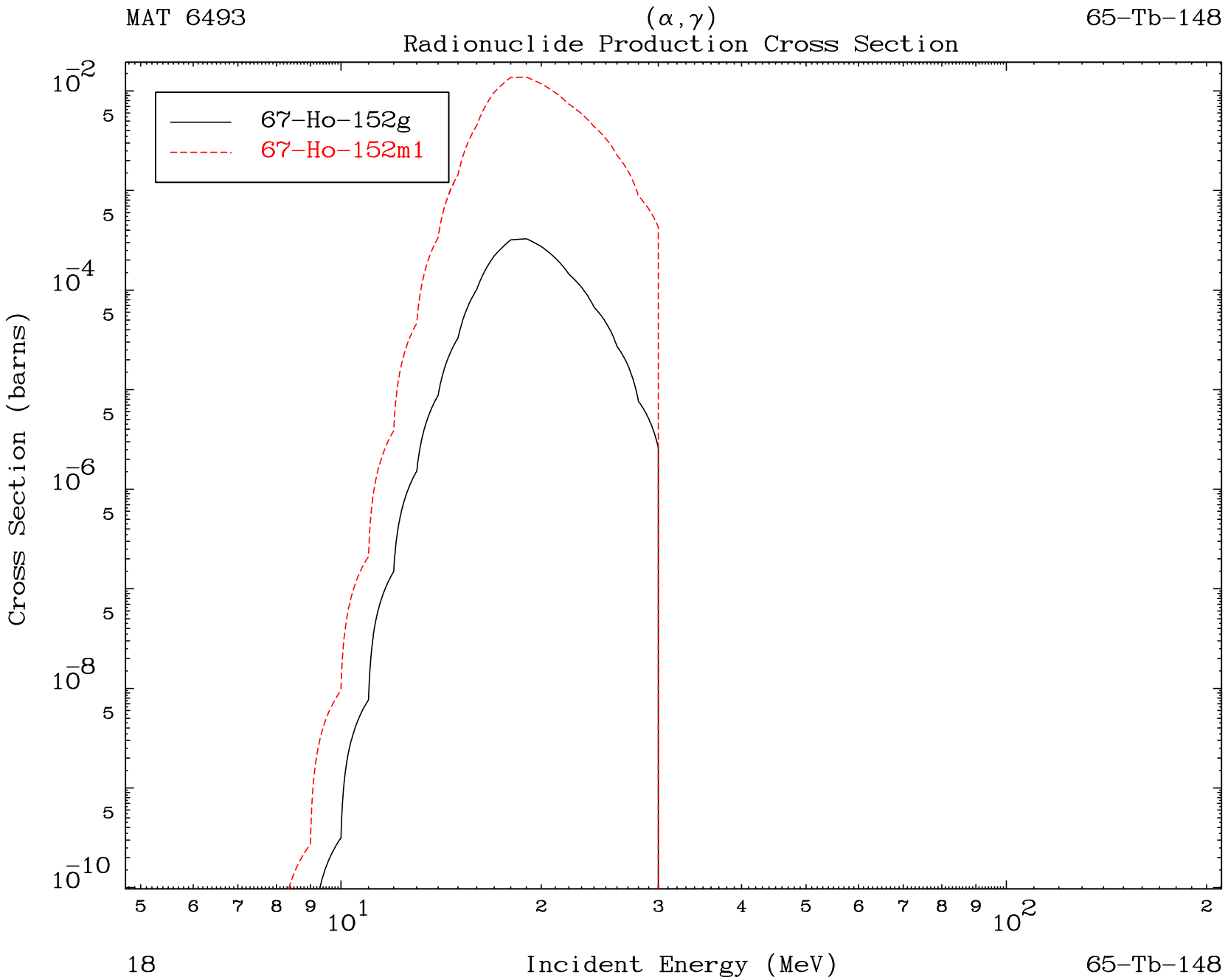

MAT 6493
(α,n') α
65-Tb-148
Radionuclide Production Cross Section
65-Tb-147g
65-Tb-147m1
Cross Section (barns)
Incident Energy (MeV)
13
65-Tb-148

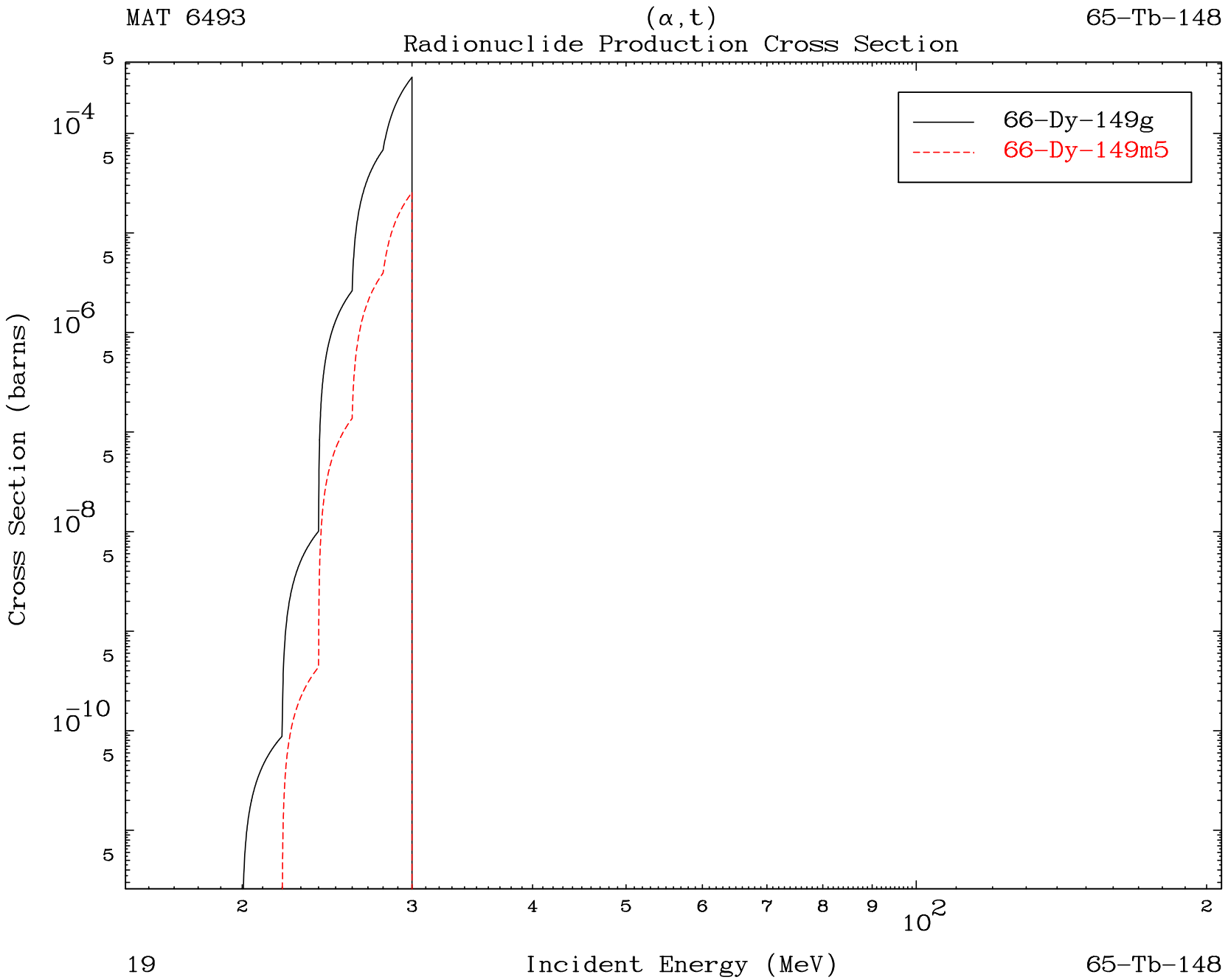

MAT 6493
(α,2n) α
65-Tb-148
Radionuclide Production Cross Section
65-Tb-146g
65-Tb-146m2
Cross Section (barns)
10-7
10-8
10-9
10-10
10-11
10-12
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
14
65-Tb-148

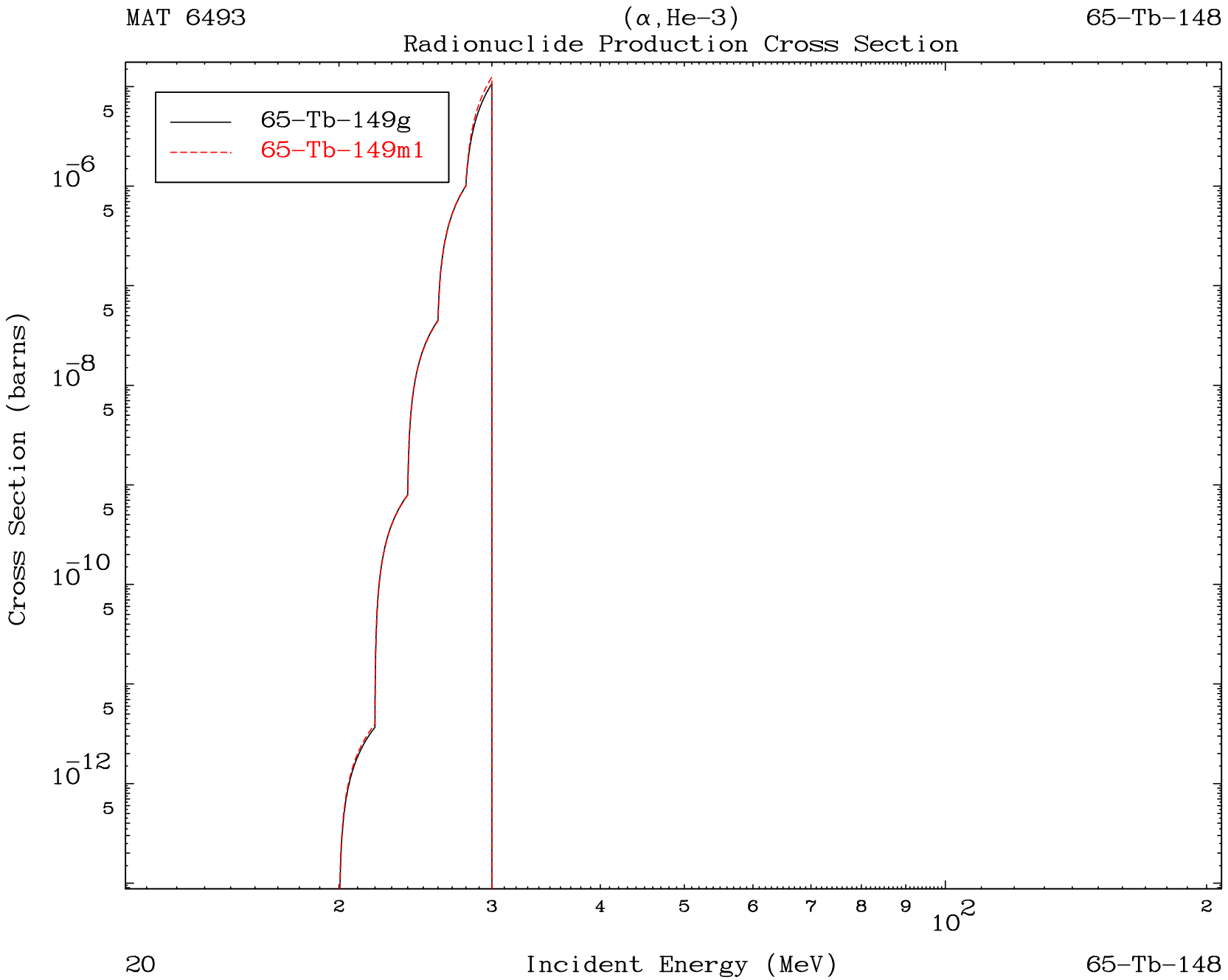

MAT 6493
(α,n') d
65-Tb-148
Radionuclide Production Cross Section
66-Dy-149g
66-Dy-149m5
Cross Section (barns)
10-6
10-8
10-10
10-12
10-14
5
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
65-Tb-148

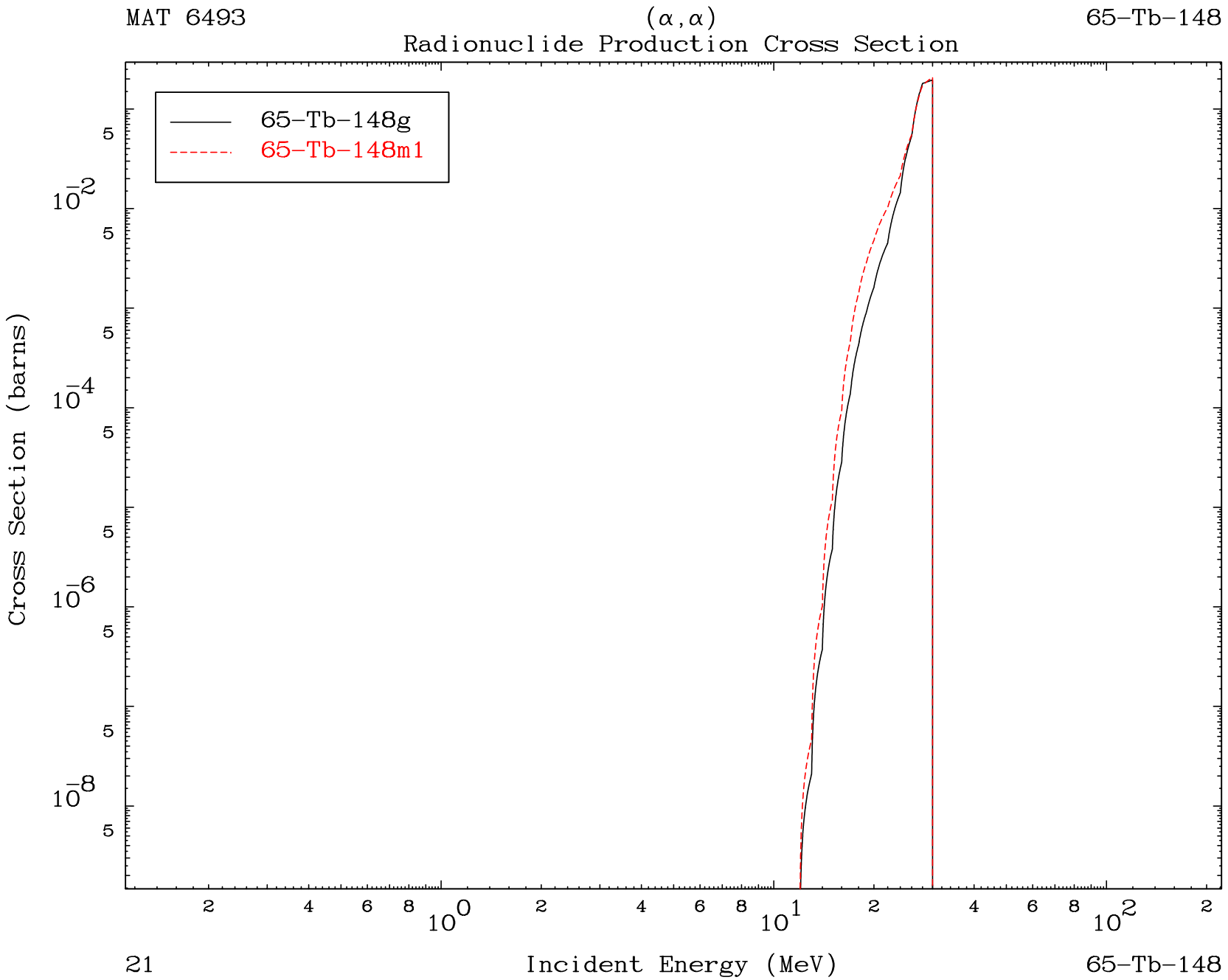

MAT 6493
(α,2n) p
65-Tb-148
Radionuclide Production Cross Section
66-Dy-149g
66-Dy-149m5
Cross Section (barns)
10-4
10-6
10-8
10-10
5
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
65-Tb-148

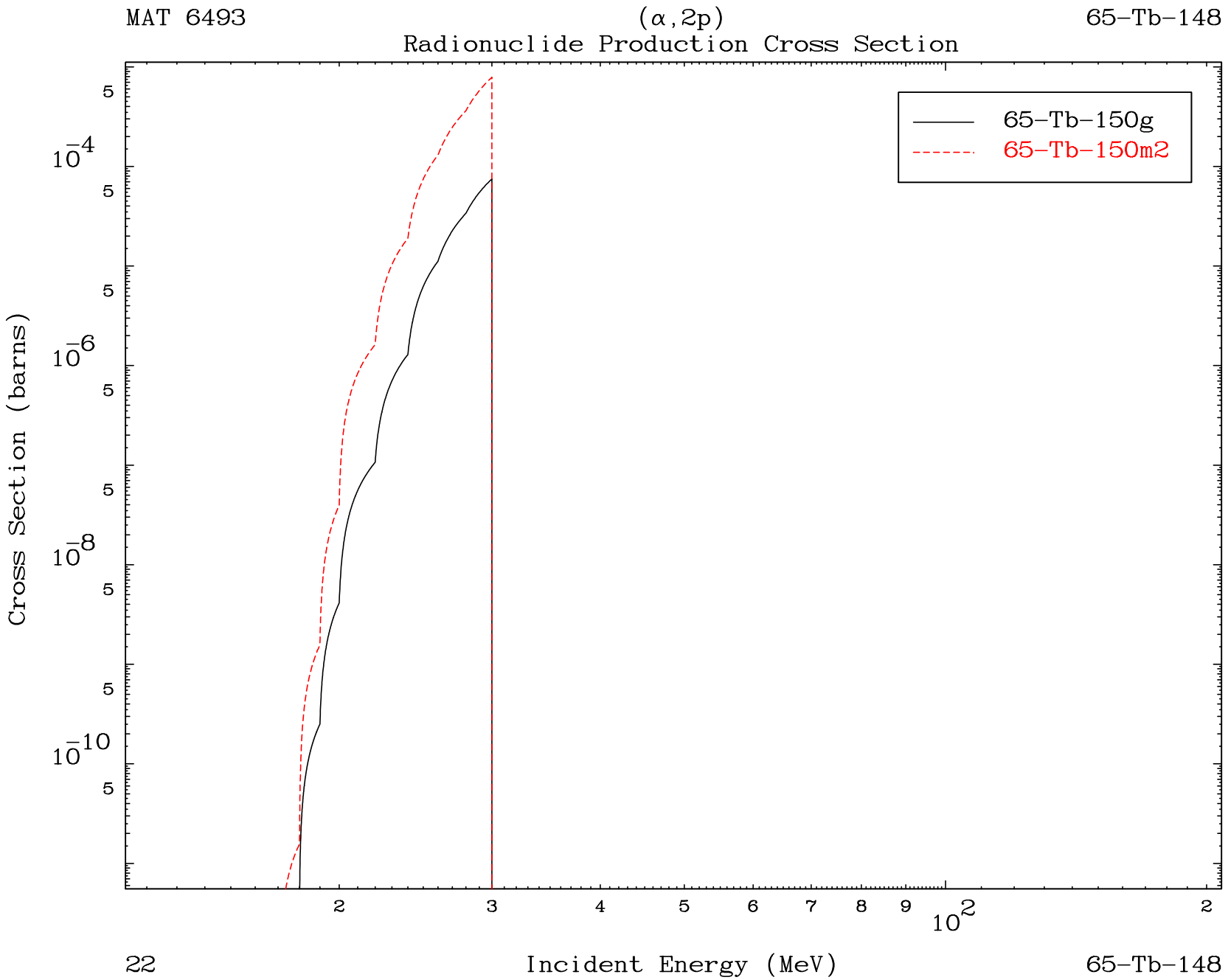

MAT 6493
(α,2n) p
65-Tb-148
Radionuclide Production Cross Section
65-Tb-149g
65-Tb-149m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
17
65-Tb-148

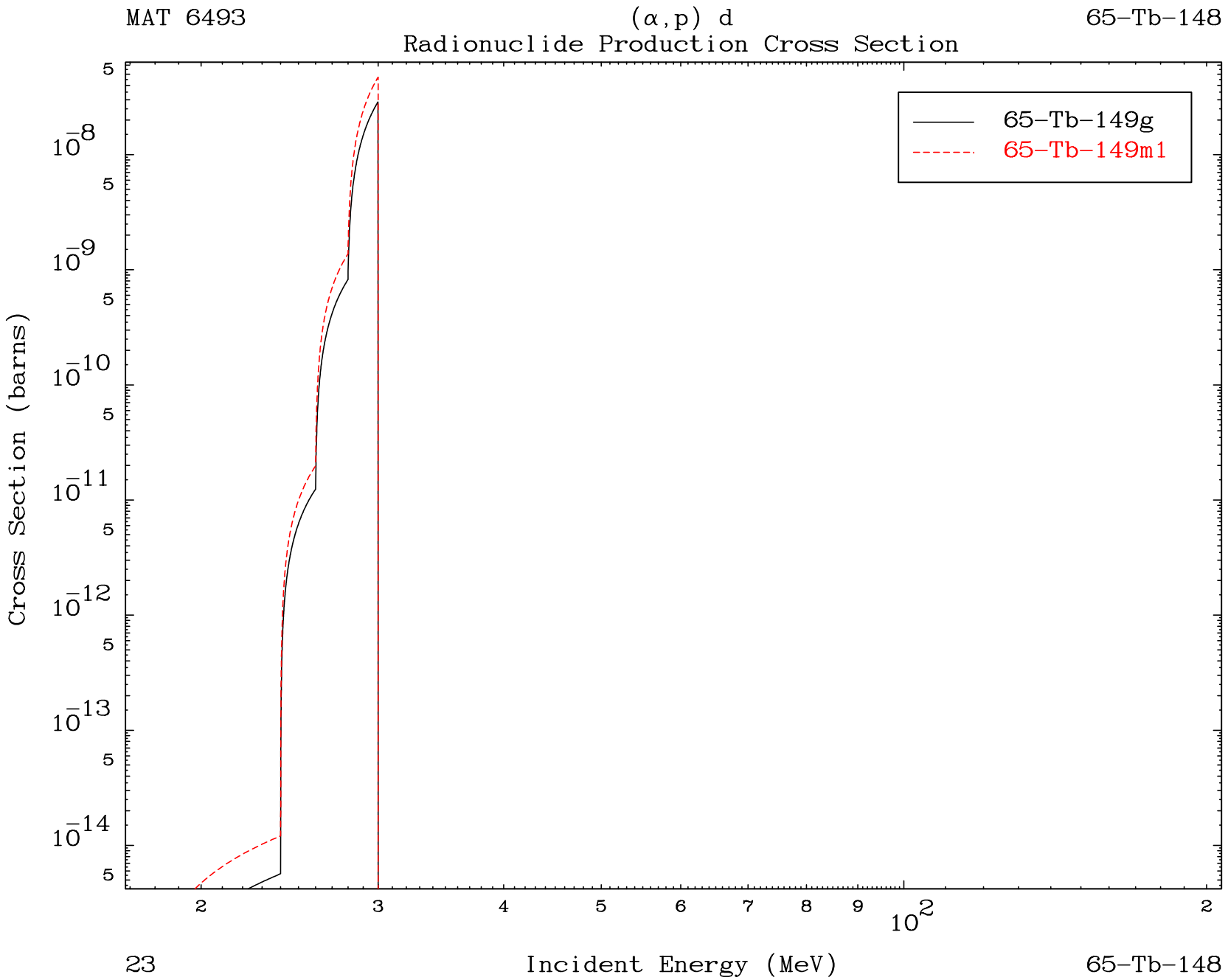

MAT 6493
(α,γ)
65-Tb-148
Radionuclide Production Cross Section
67-Ho-152g
67-Ho-152m1
Cross Section (barns)
Incident Energy (MeV)
18
65-Tb-148


MAT 6493
(α,t)
65-Tb-148
Radionuclide Production Cross Section
66-Dy-149g
66-Dy-149m5
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
102
2
19
Incident Energy (MeV)
65-Tb-148


MAT 6493
(α,He-3)
65-Tb-148
Radionuclide Production Cross Section
65-Tb-149g
65-Tb-149m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
20
Incident Energy (MeV)
65-Tb-148


MAT 6493
(α,α)
65-Tb-148
Radionuclide Production Cross Section
65-Tb-148g
65-Tb-148m1
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
21
65-Tb-148


MAT 6493
(α,2p)
65-Tb-148
Radionuclide Production Cross Section
65-Tb-150g
65-Tb-150m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
22
Incident Energy (MeV)
65-Tb-148


MAT 6493
(α,p) d
65-Tb-148
Radionuclide Production Cross Section
65-Tb-149g
65-Tb-149m1
Cross Section (barns)
Incident Energy (MeV)
23
65-Tb-148