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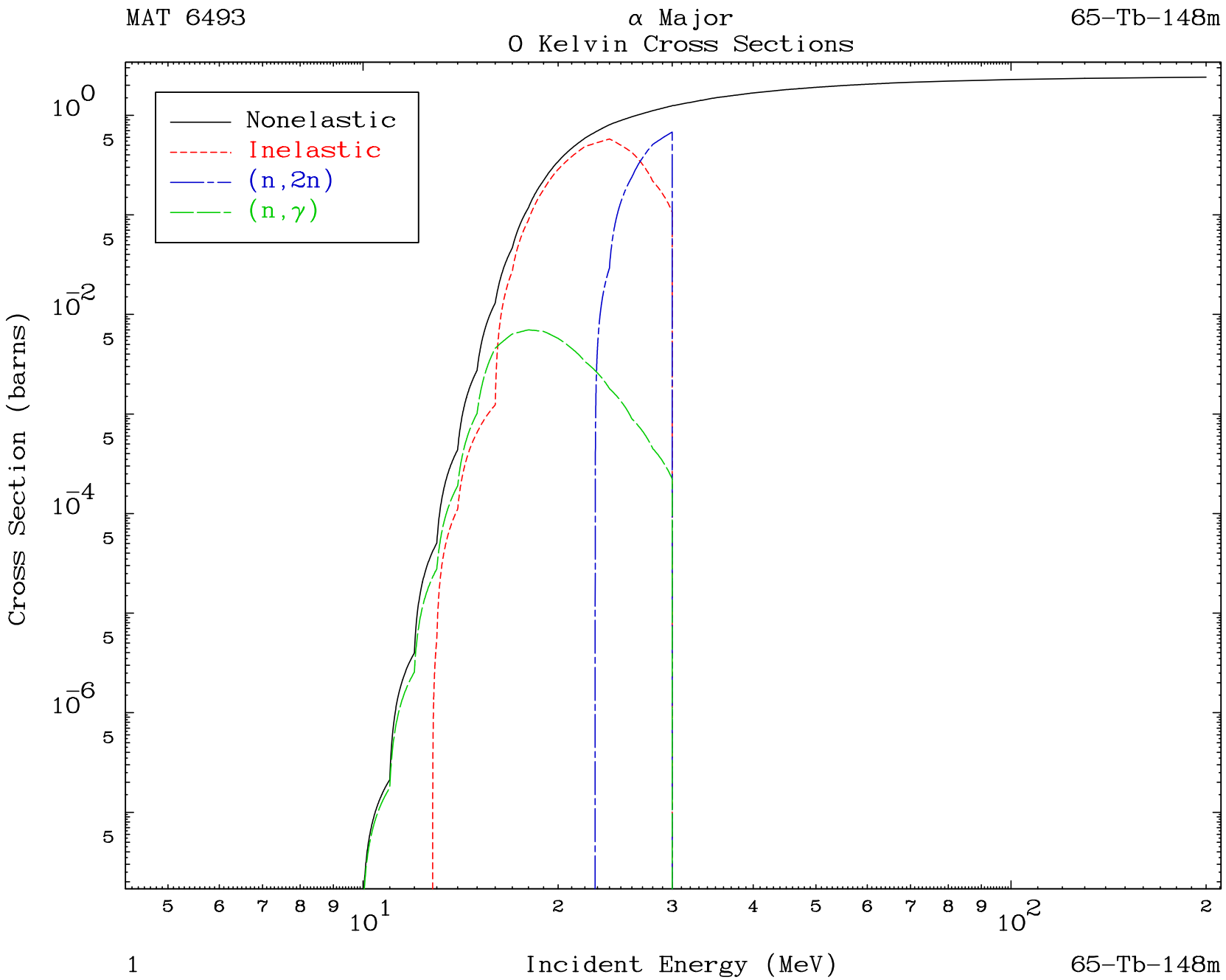
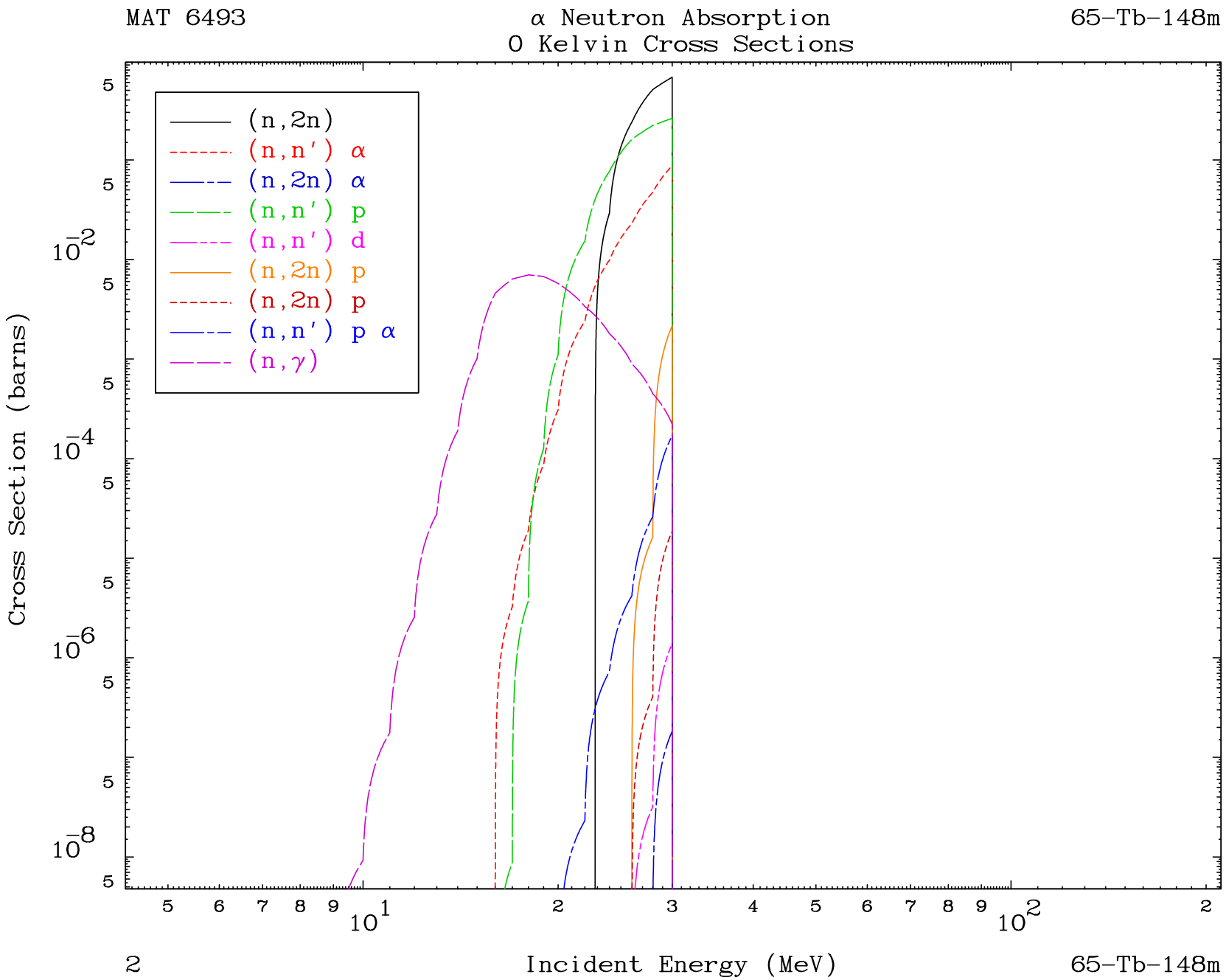
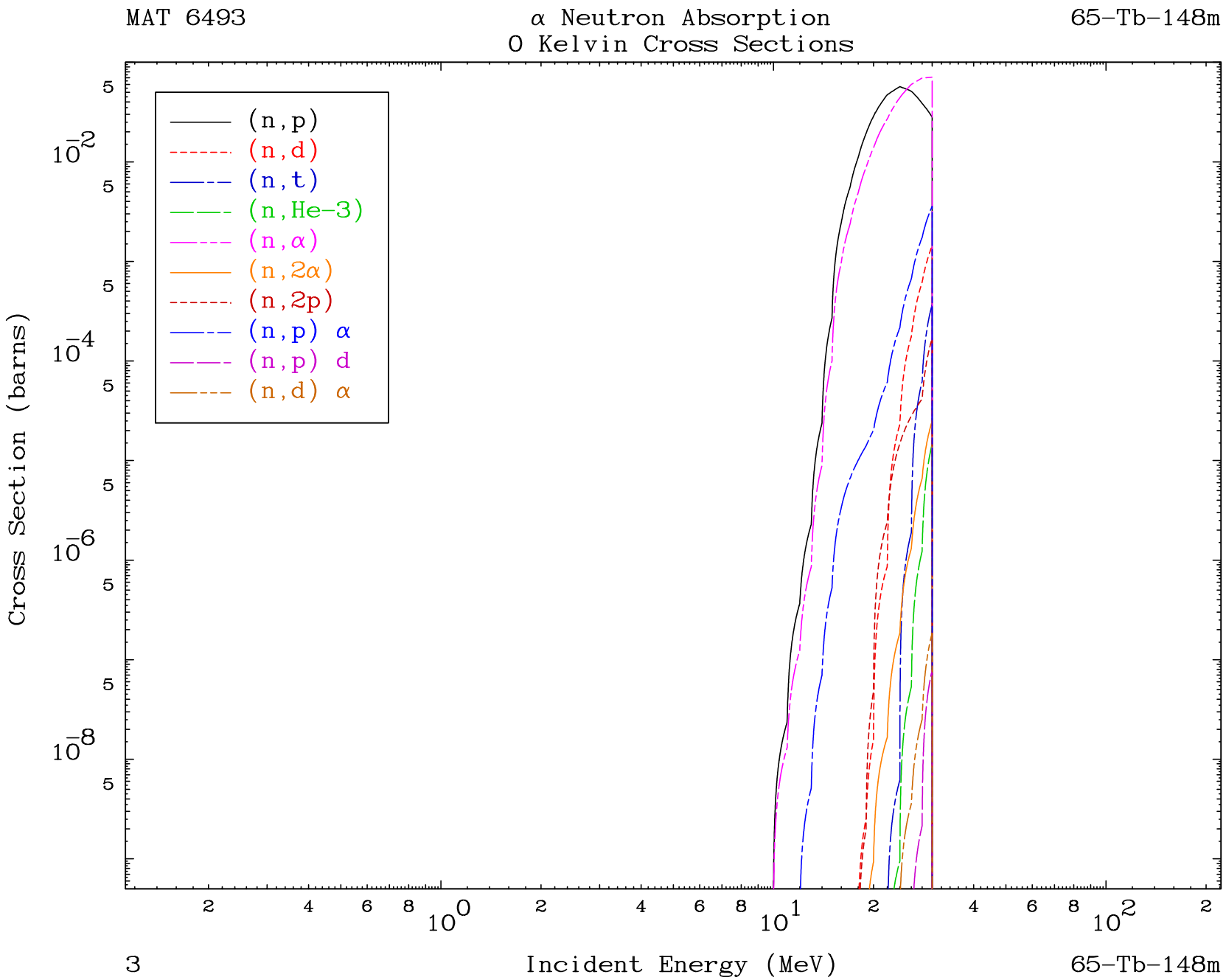
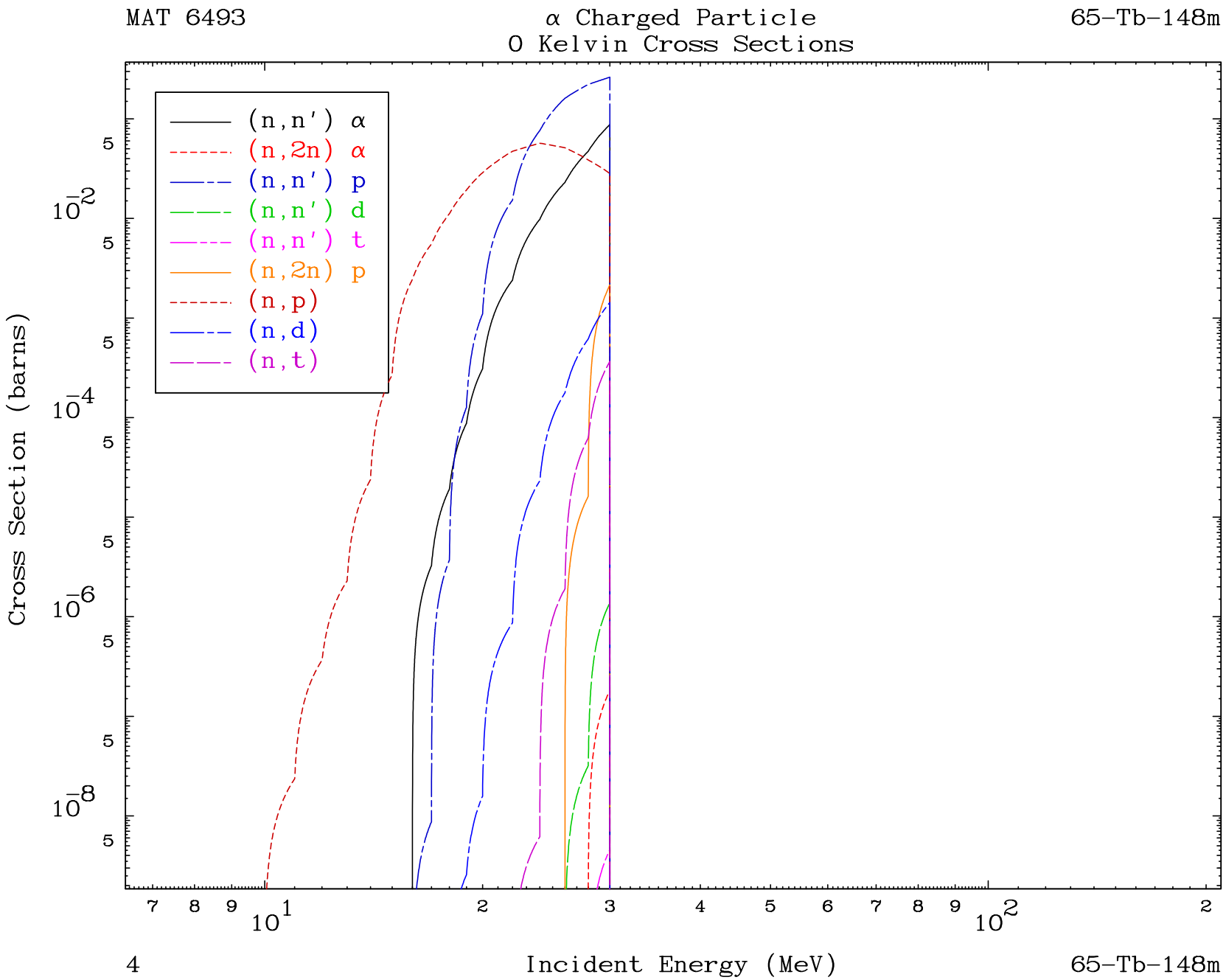
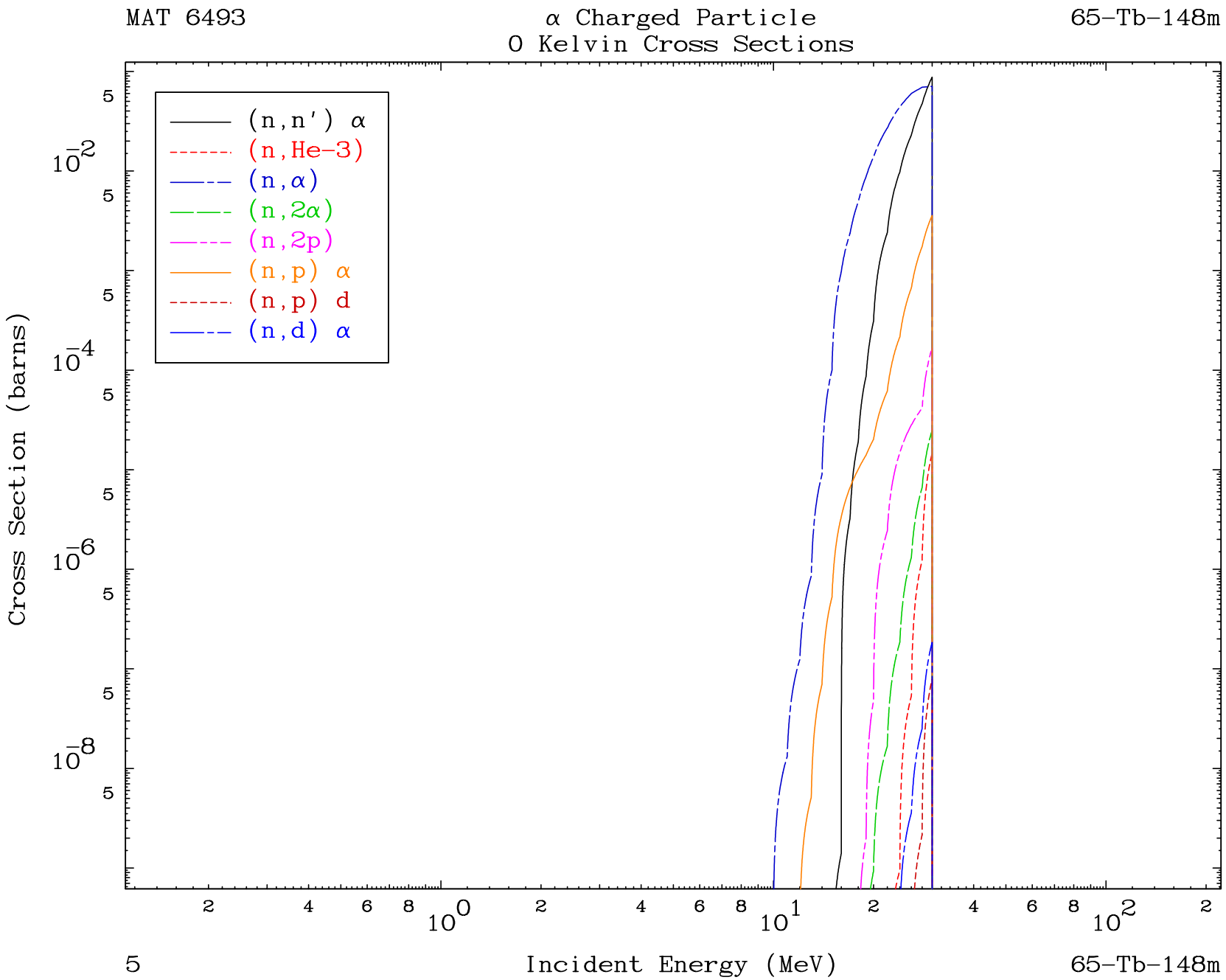
Press Mouse Button to Start

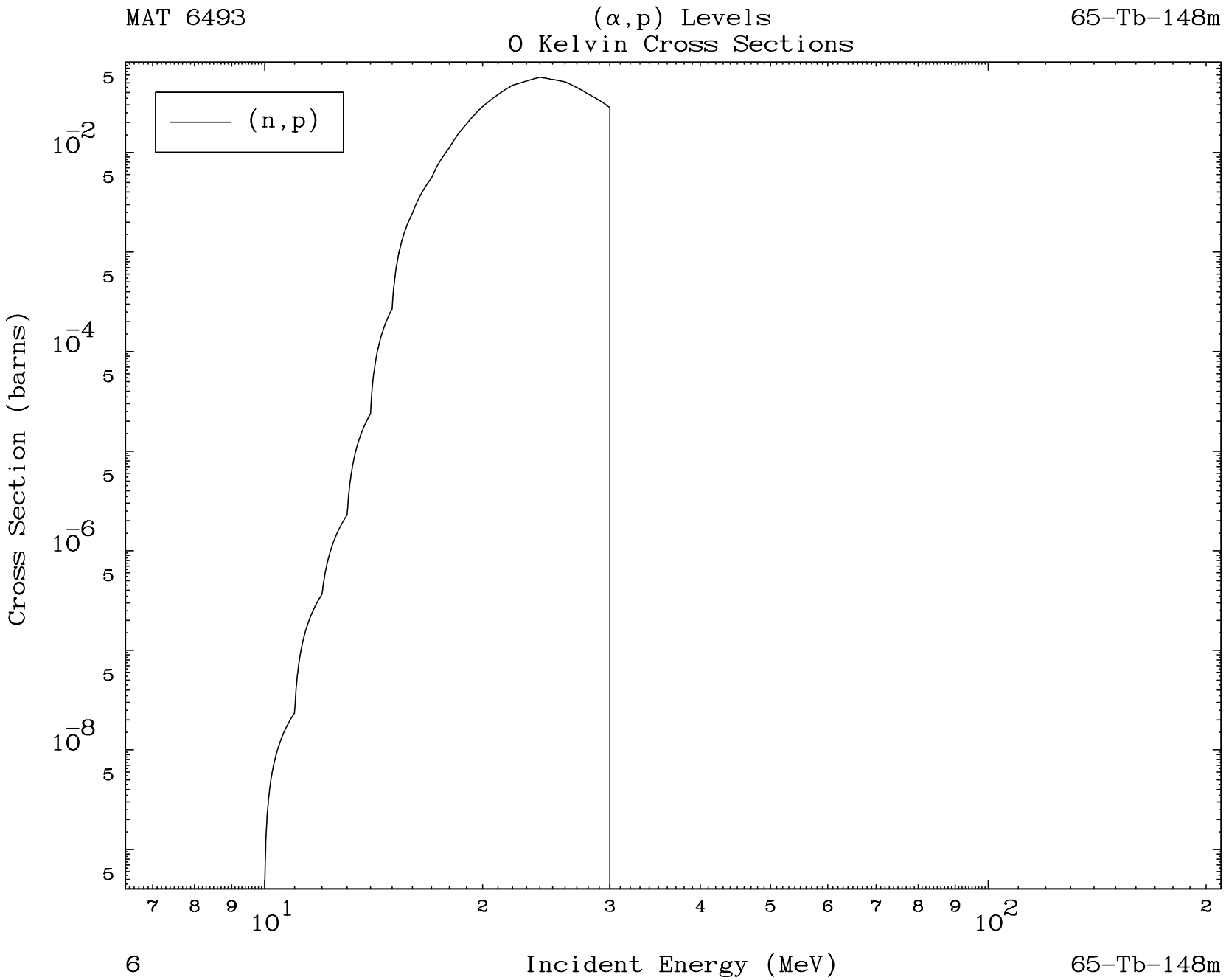

MAT 6493
α Major
65-Tb-148m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-148m

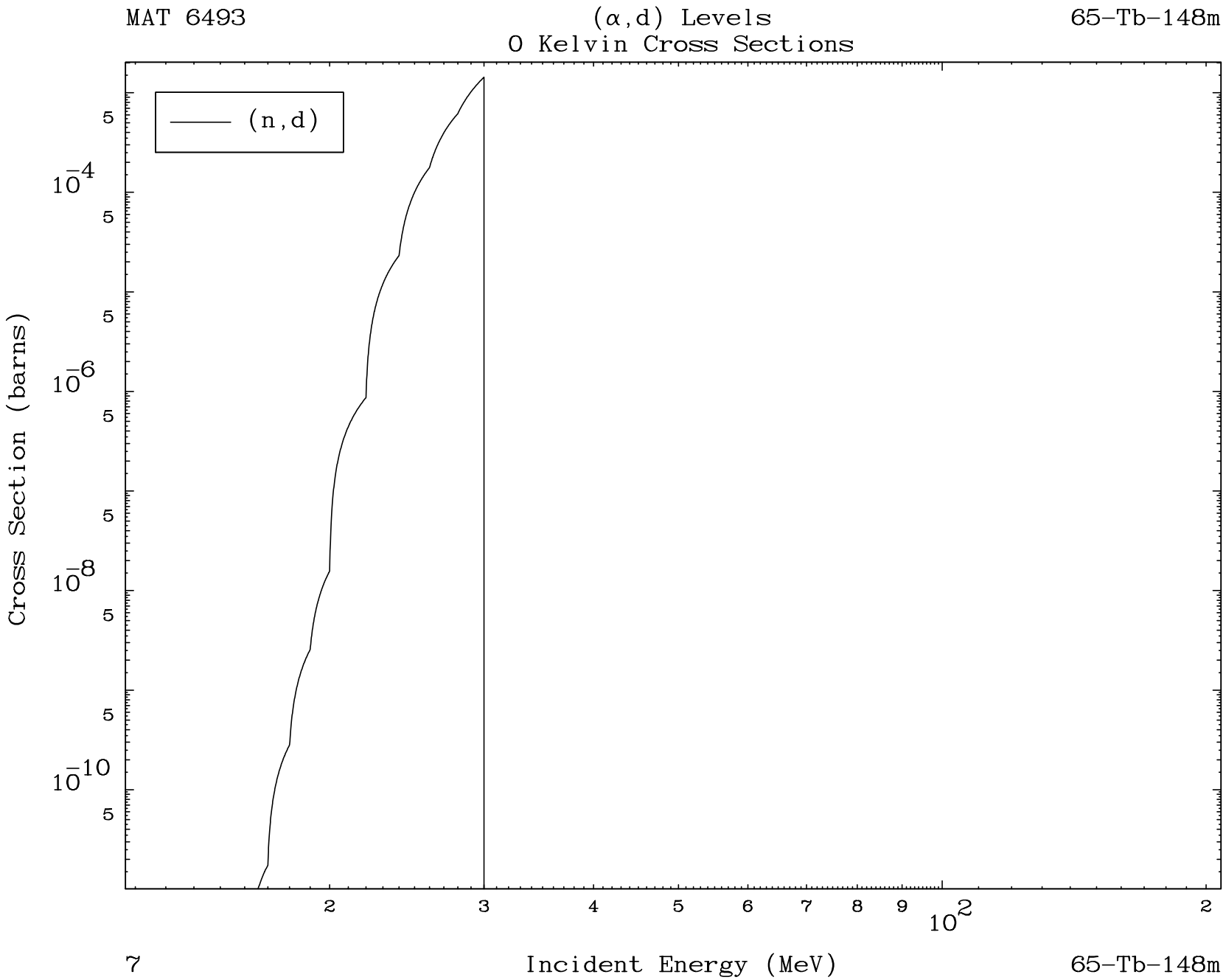

MAT 6493
α Neutron Absorption
0 Kelvin Cross Sections
65-Tb-148m
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-148m

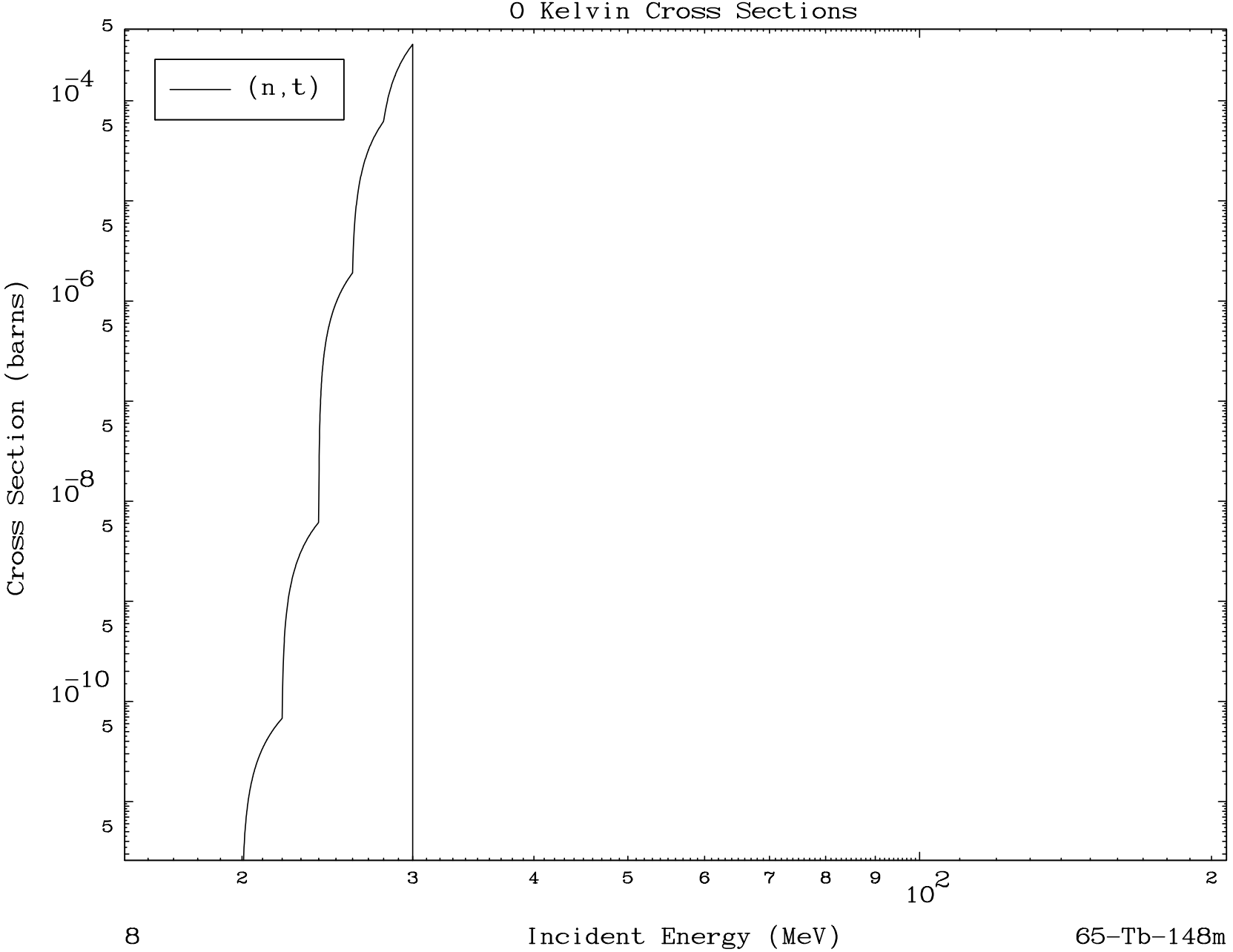

MAT 6493
α Neutron Absorption
0 Kelvin Cross Sections
65-Tb-148m
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
65-Tb-148m


MAT 6493
α Charged Particle
0 Kelvin Cross Sections
65-Tb-148m
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-148m
4

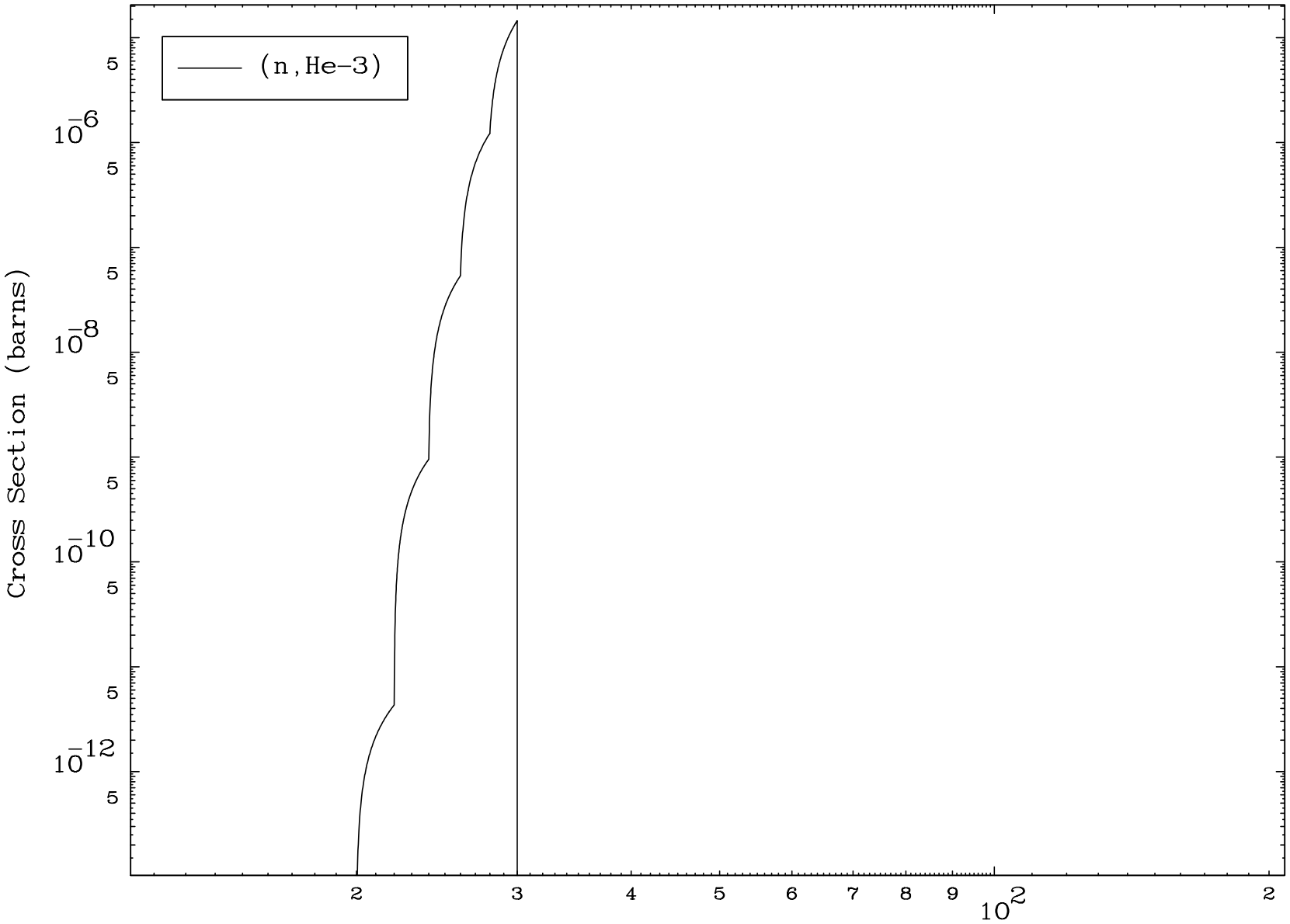

MAT 6493
α Charged Particle
0 Kelvin Cross Sections
65-Tb-148m
(n,n') α
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
65-Tb-148m

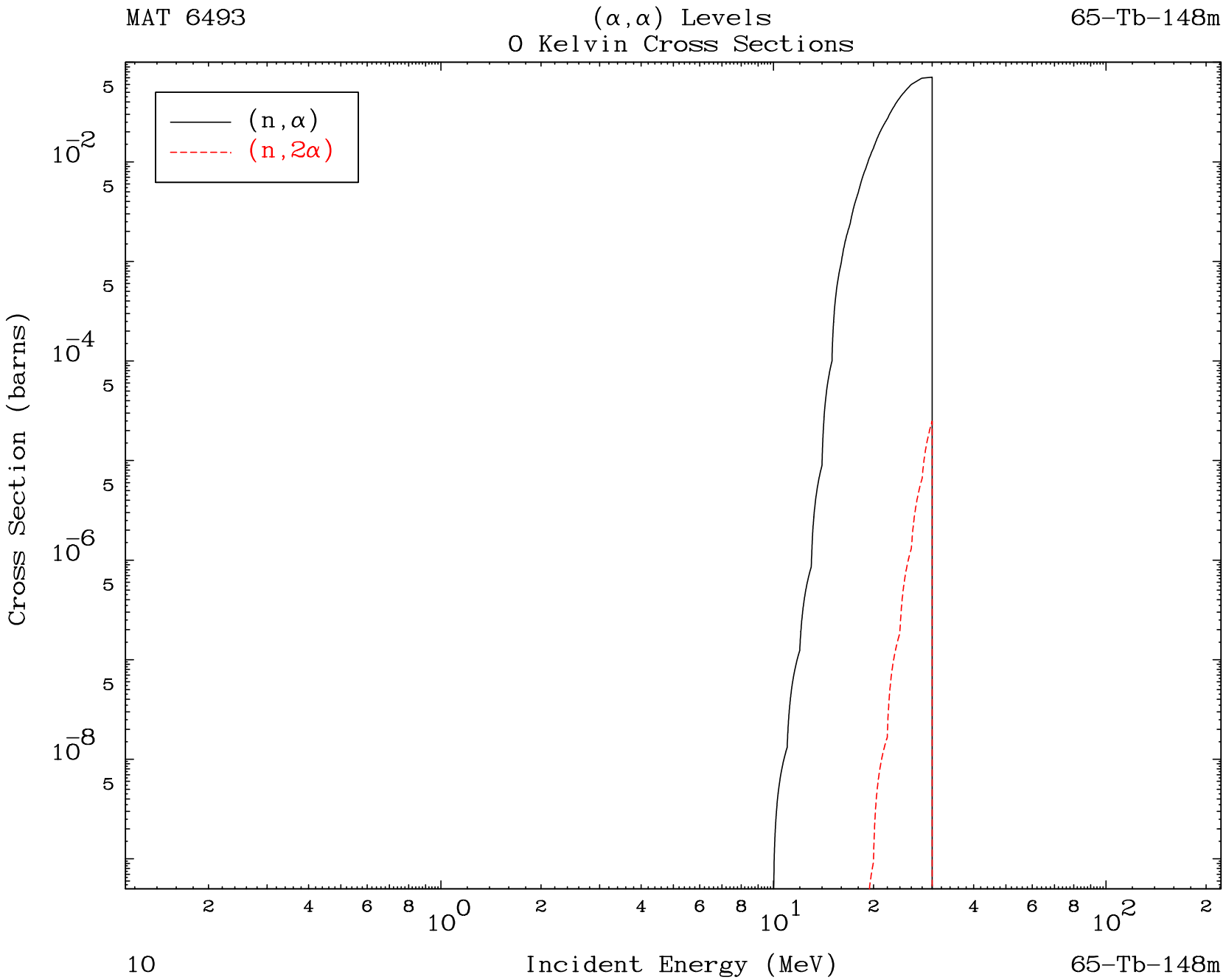

MAT 6493
(α,p) Levels
65-Tb-148m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
6
65-Tb-148m

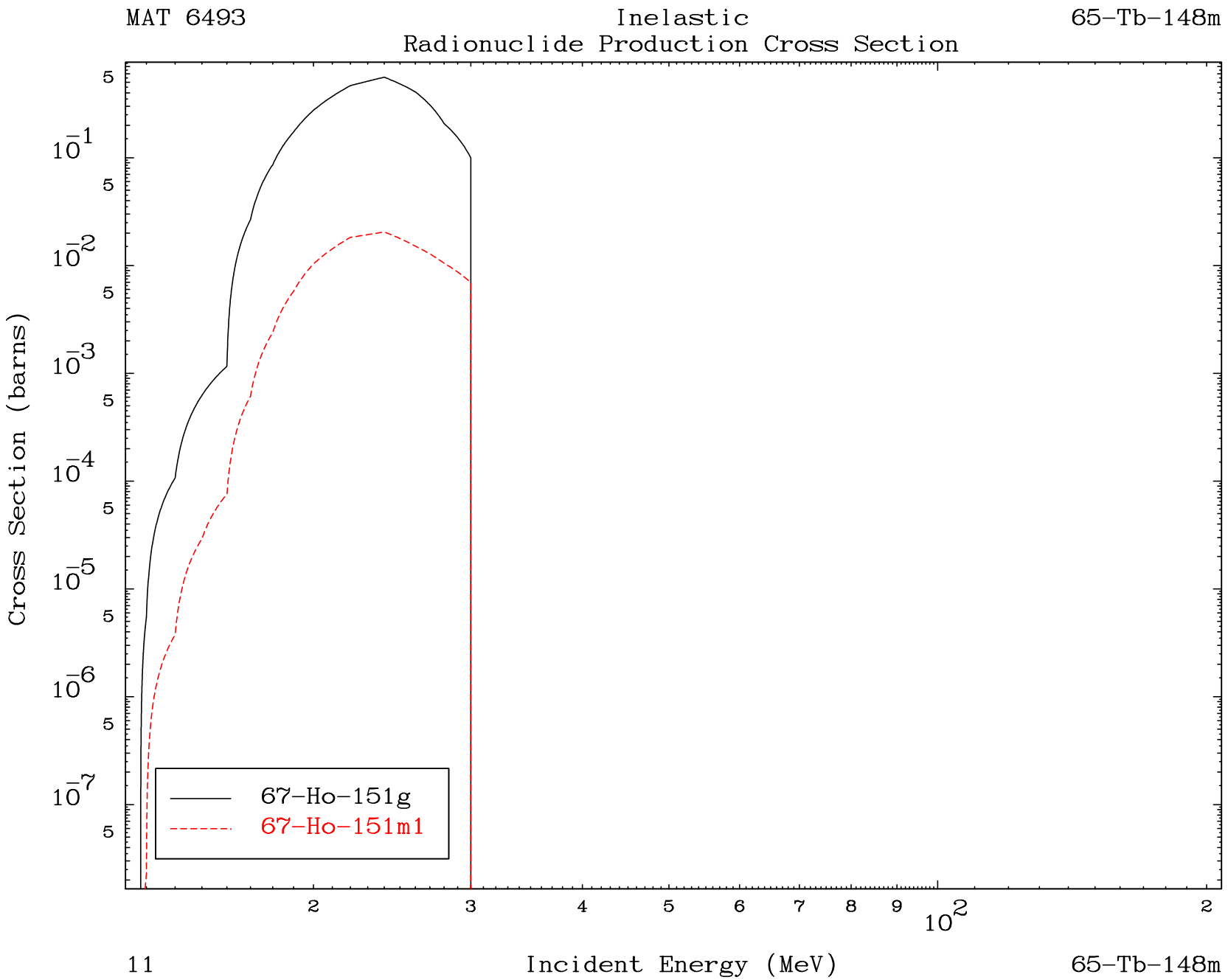

MAT 6493
(α,d) Levels
65-Tb-148m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
7
65-Tb-148m

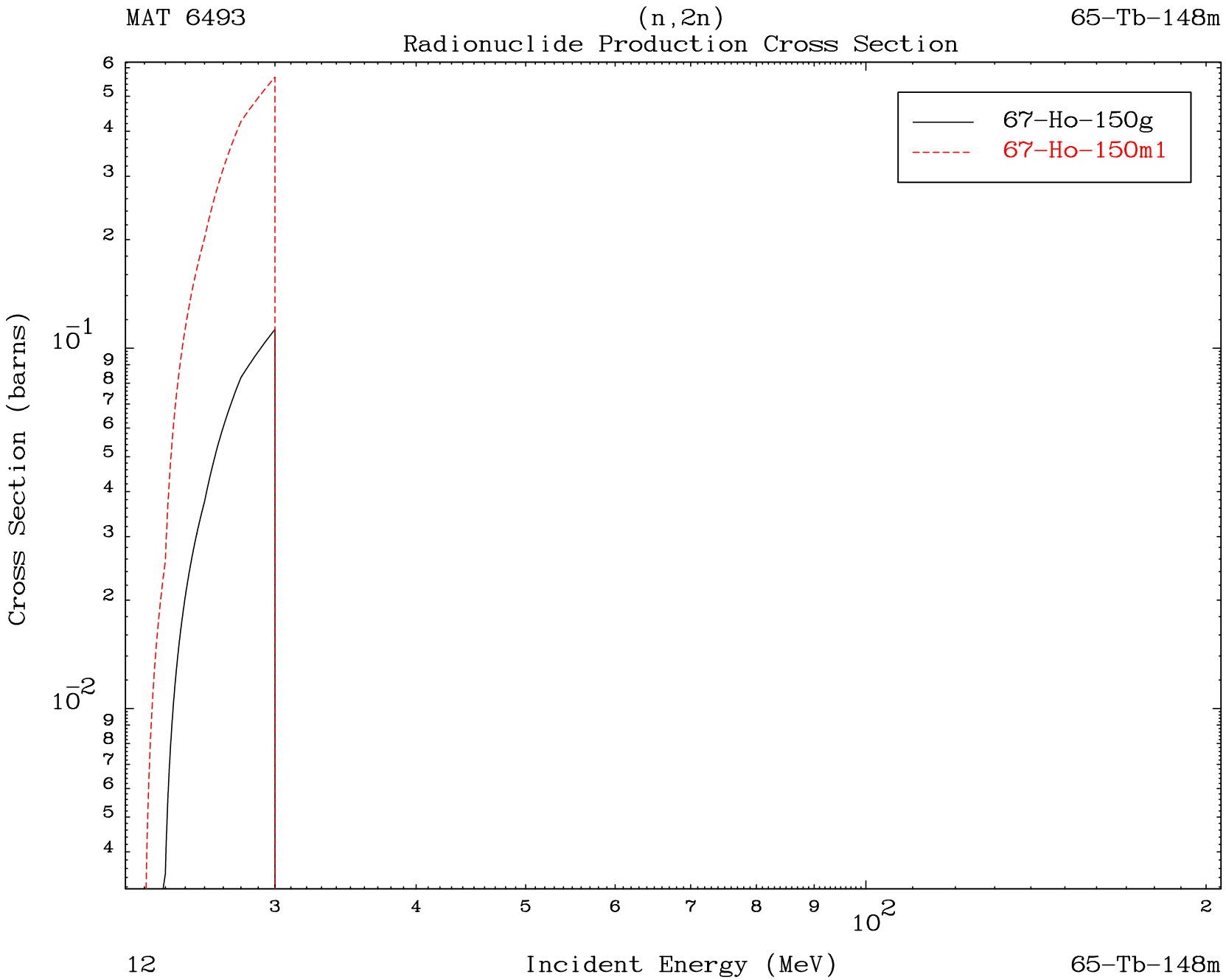

0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

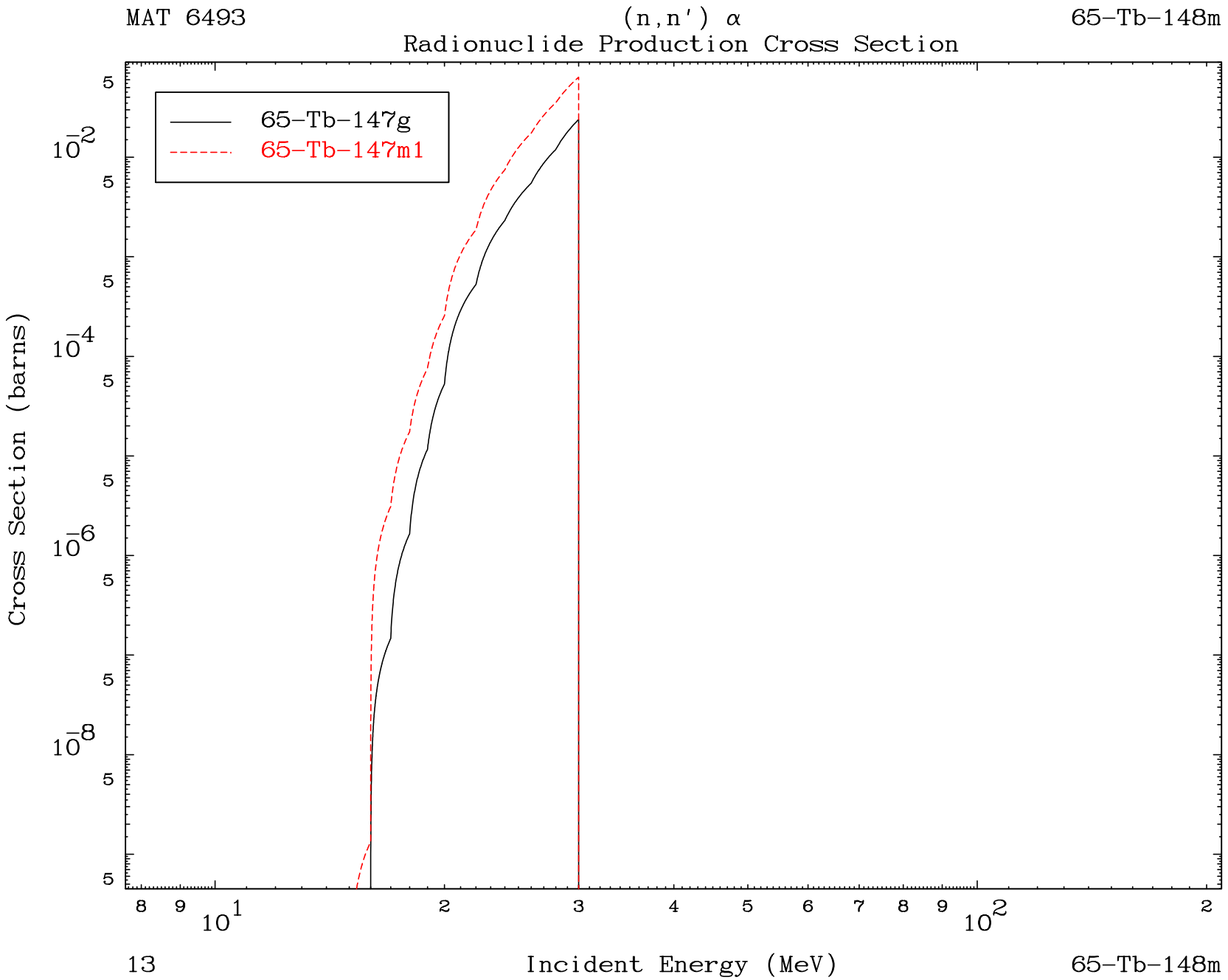
0 Kelvin Cross Sections

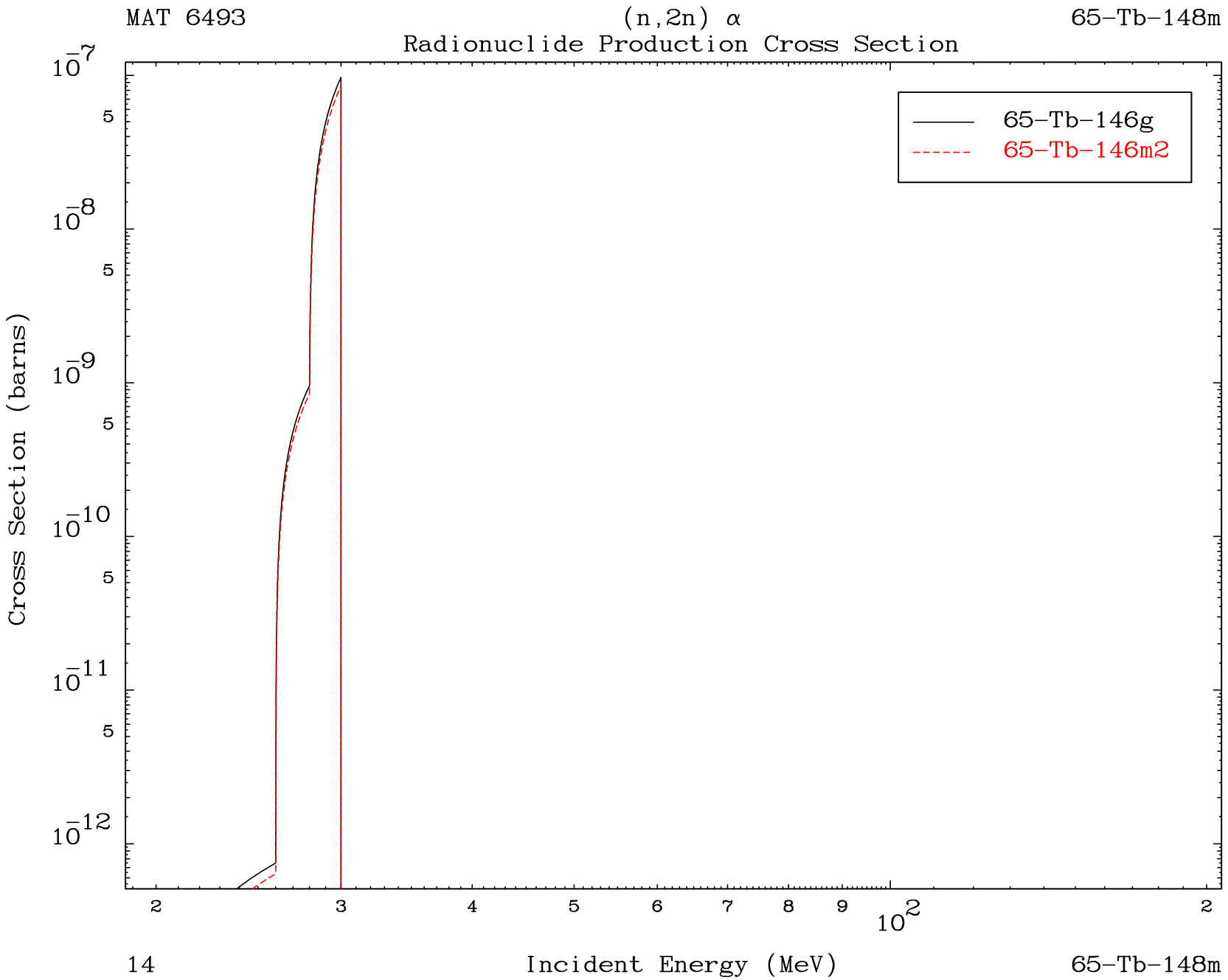


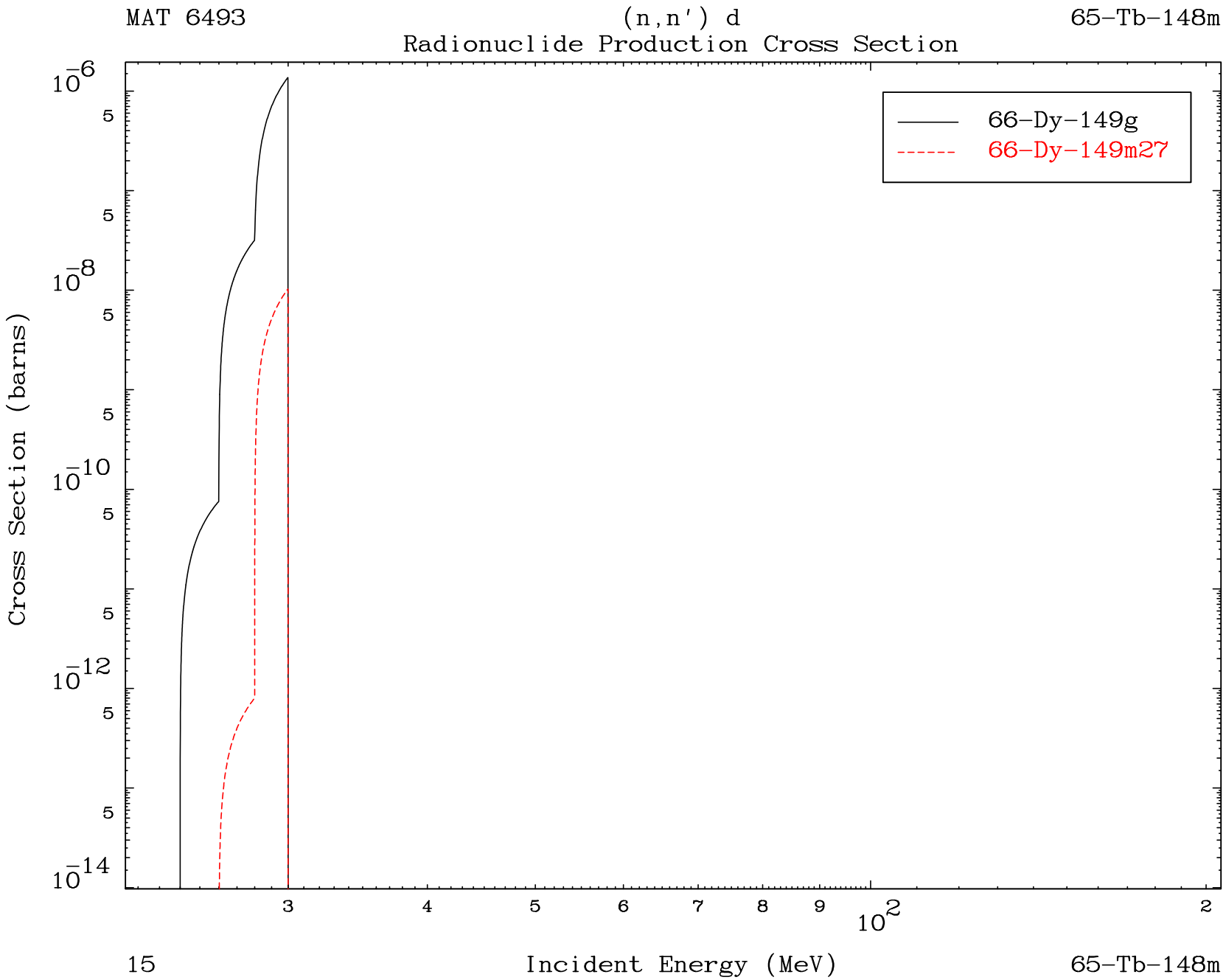

MAT 6493
(α,α) Levels
65-Tb-148m
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-148m

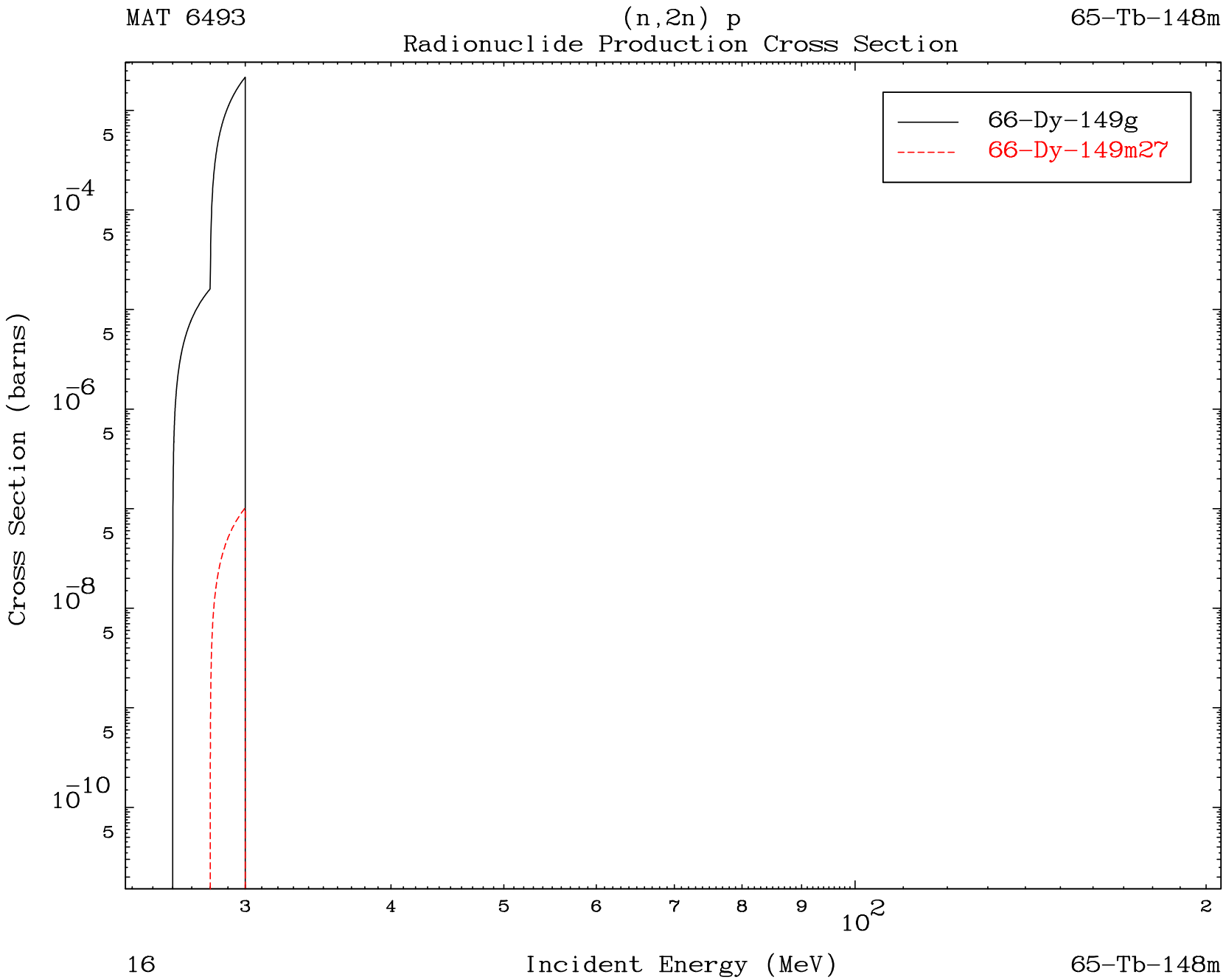

MAT 6493
Inelastic
65-Tb-148m
Radionuclide Production Cross Section
Cross Section (barns)
Incident Energy (MeV)
67-Ho-151g
67-Ho-151m1
11
65-Tb-148m

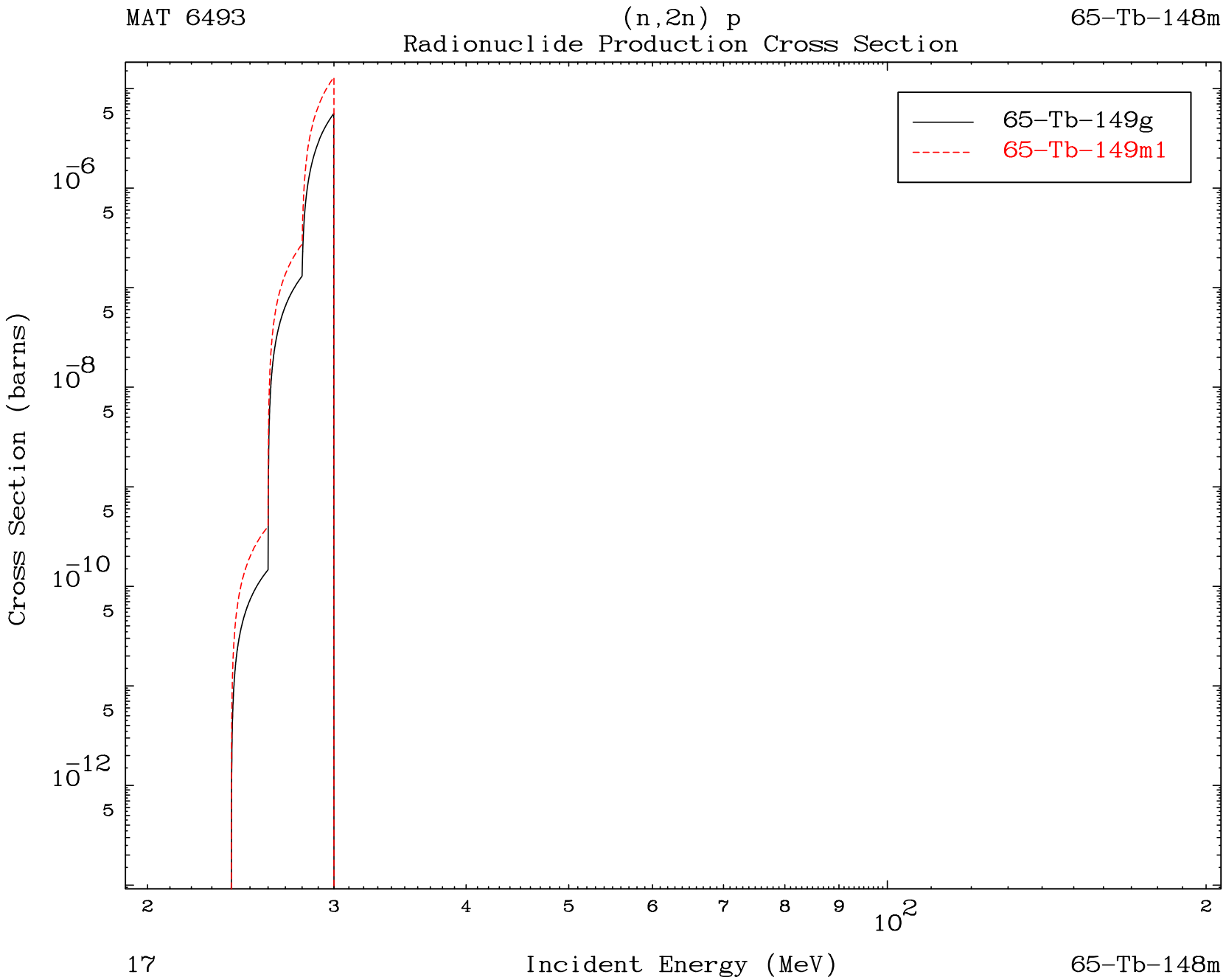

MAT 6493
(n,2n)
65-Tb-148m
Radionuclide Production Cross Section
67-Ho-150g
67-Ho-150m1
Cross Section (barns)
Incident Energy (MeV)
12
65-Tb-148m

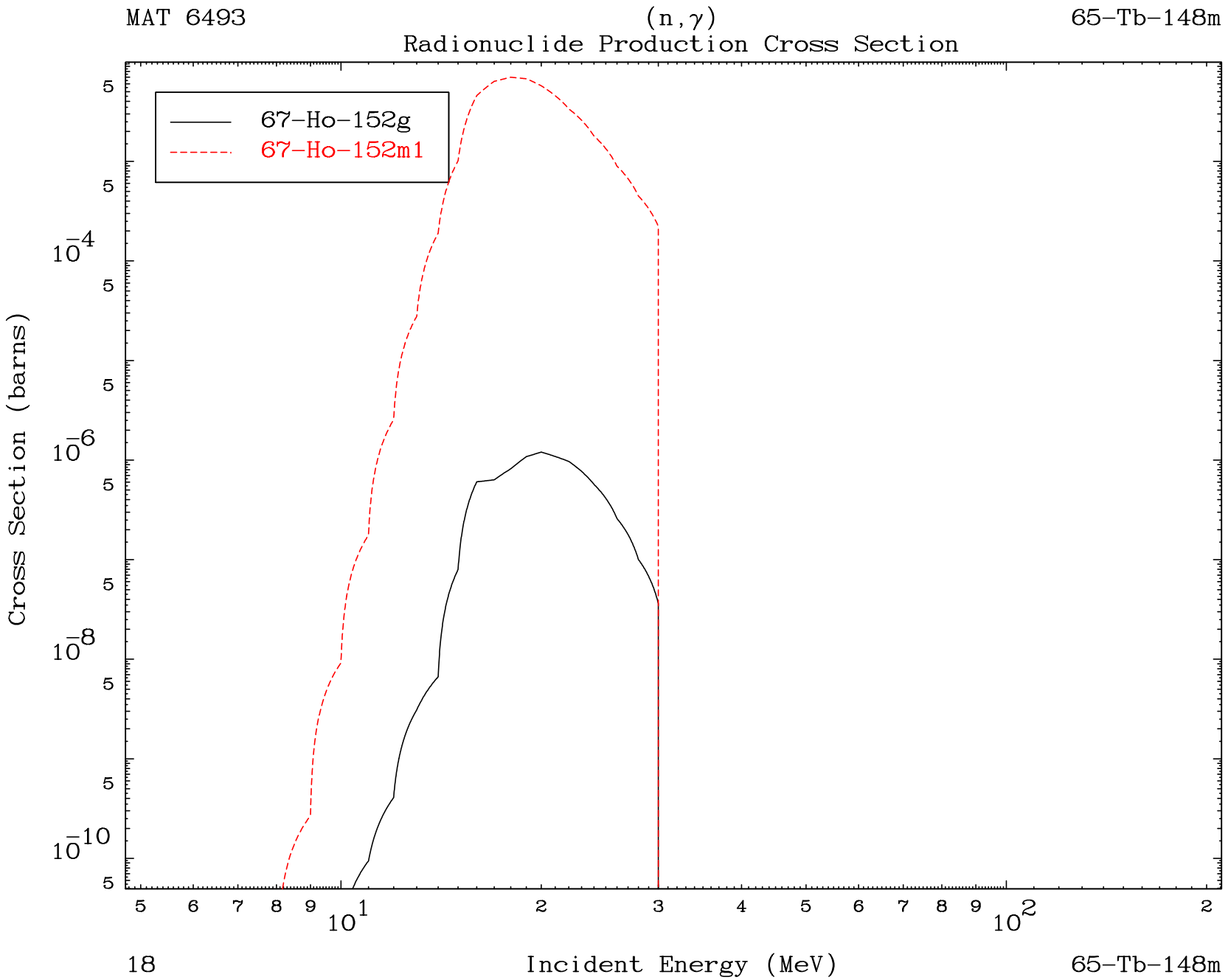

MAT 6493
(n,n') α
65-Tb-148m
Radionuclide Production Cross Section
65-Tb-147g
65-Tb-147m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
13
Incident Energy (MeV)
65-Tb-148m

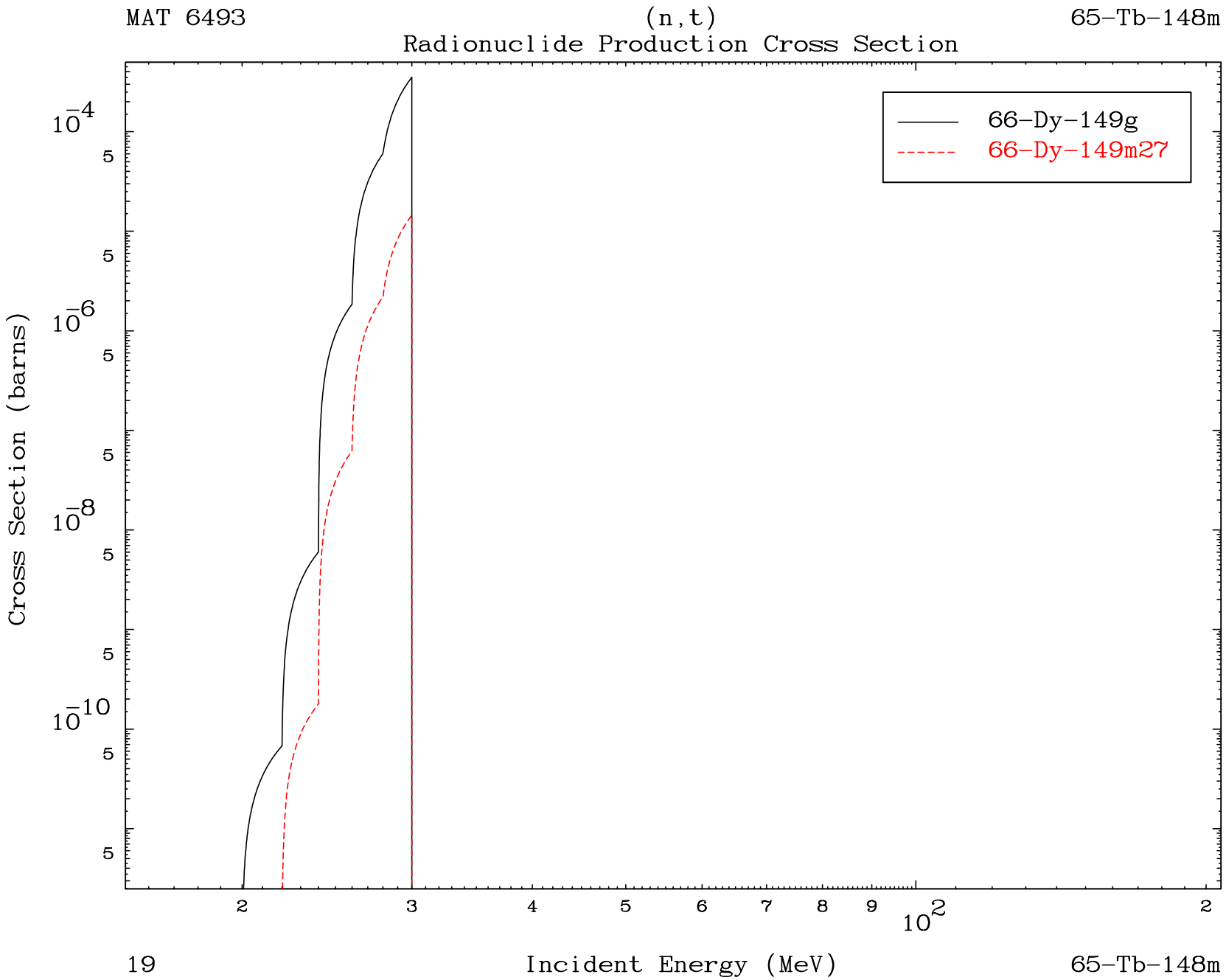

MAT 6493
(n,2n) α
65-Tb-148m
Radionuclide Production Cross Section
65-Tb-146g
65-Tb-146m2
Cross Section (barns)
Incident Energy (MeV)
14
65-Tb-148m

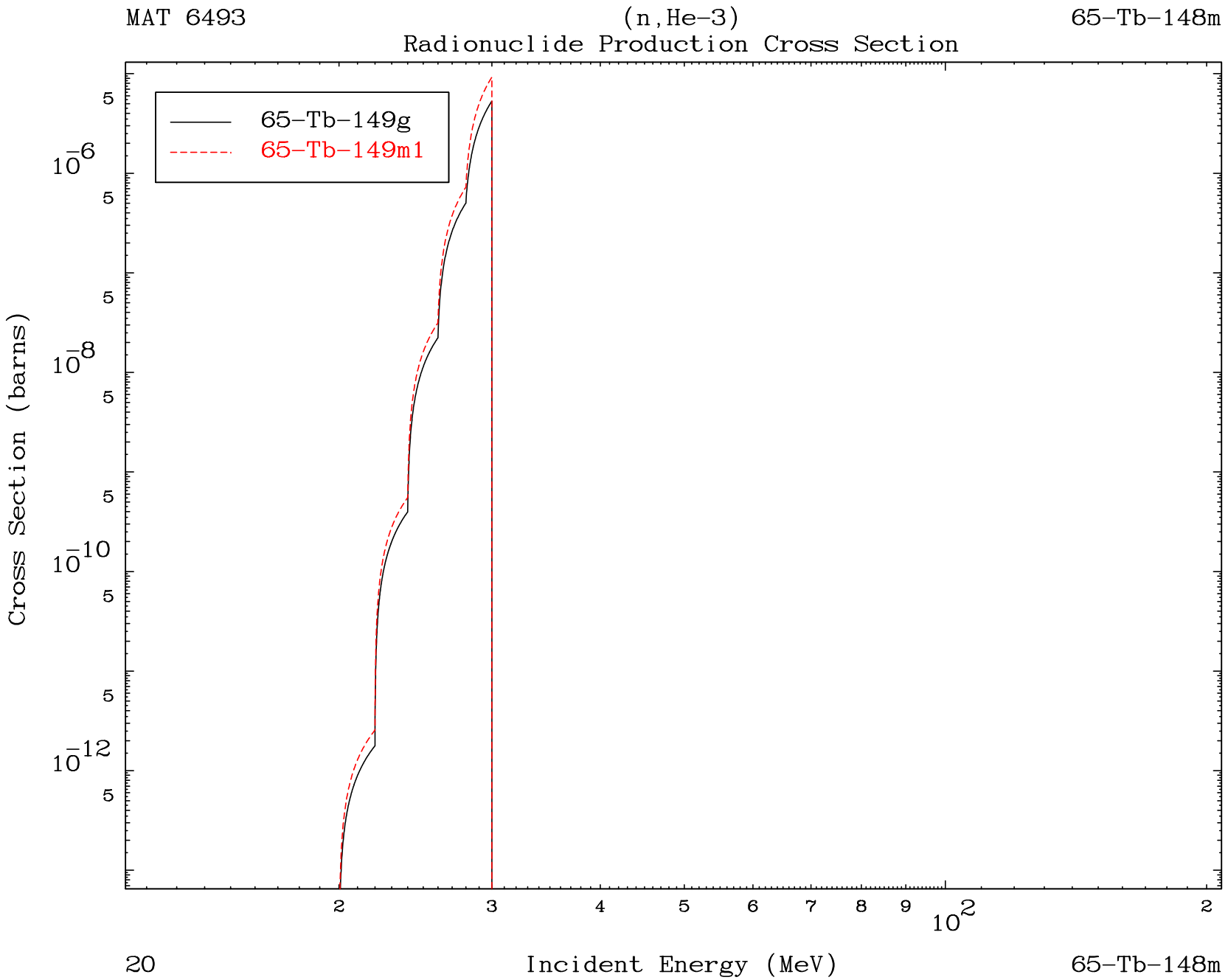

MAT 6493
(n,n') d
65-Tb-148m
Radionuclide Production Cross Section
66-Dy-149g
66-Dy-149m27
Cross Section (barns)
Incident Energy (MeV)
15
65-Tb-148m

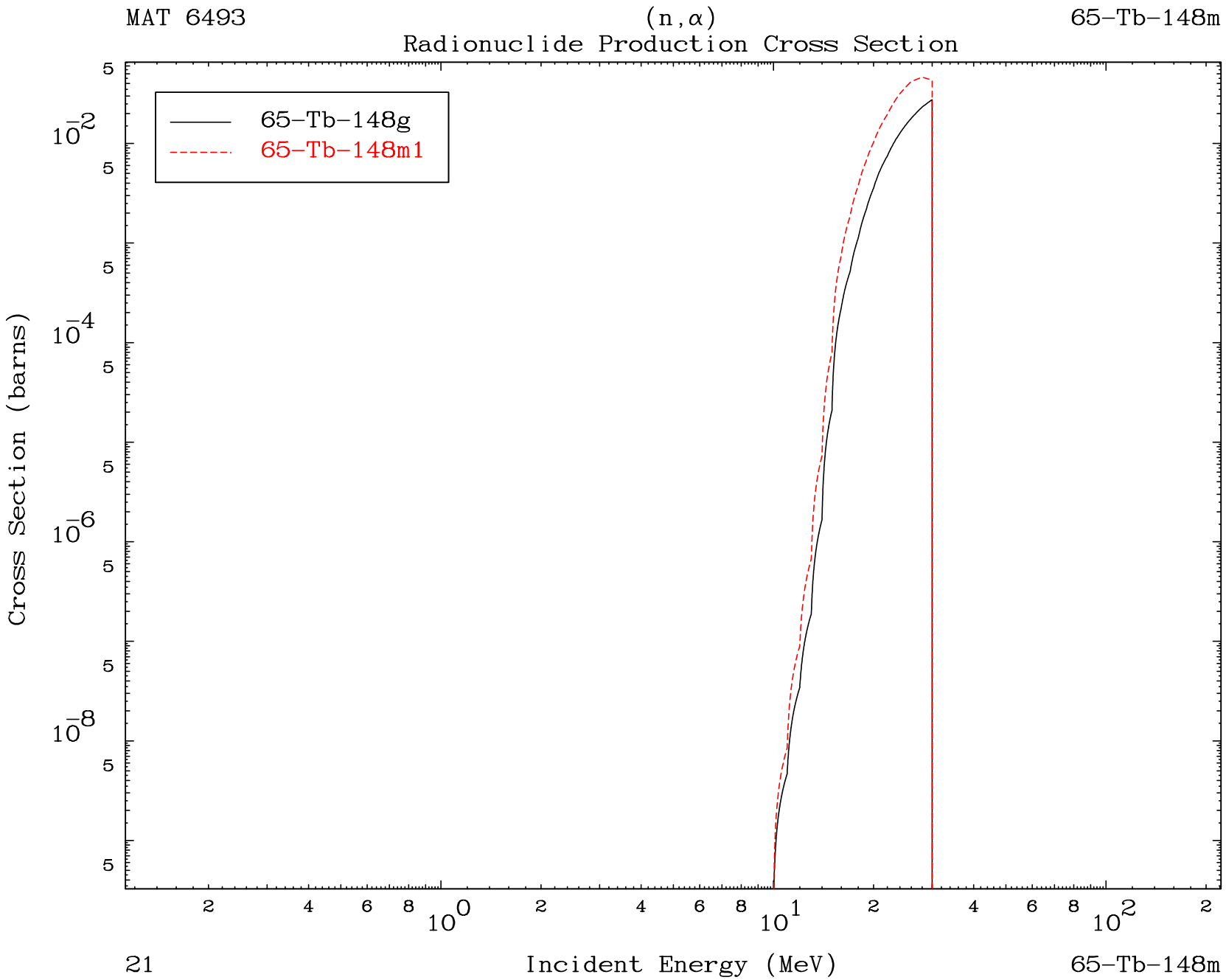

MAT 6493
(n,2n) p
65-Tb-148m
Radionuclide Production Cross Section
66-Dy-149g
66-Dy-149m27
Cross Section (barns)
10-4
10-6
10-8
10-10
5
3
4
5
6
7
8
9
10^2
2
16
Incident Energy (MeV)
65-Tb-148m

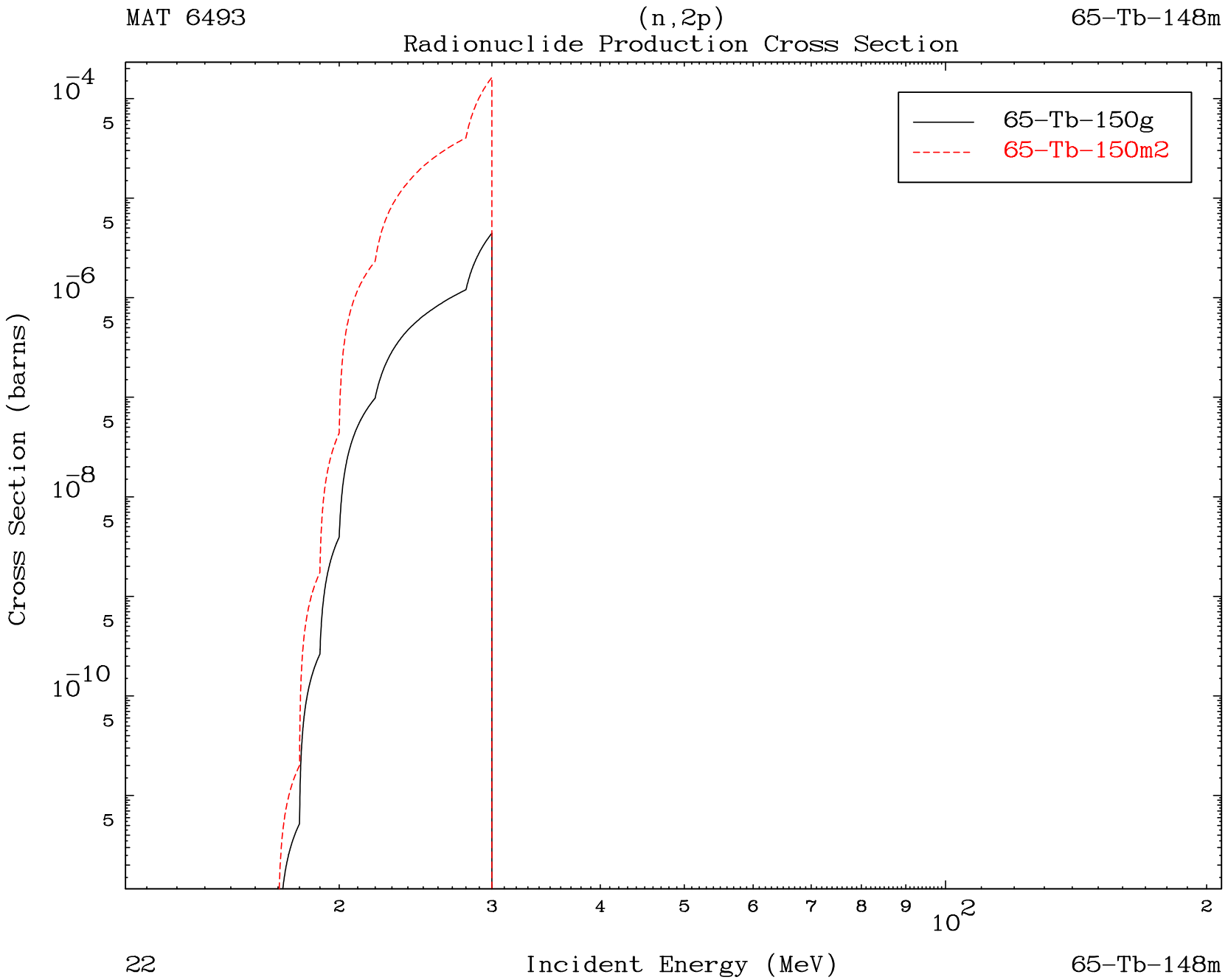

MAT 6493
(n,2n) p
65-Tb-148m
Radionuclide Production Cross Section
65-Tb-149g
65-Tb-149m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
17
Incident Energy (MeV)
65-Tb-148m

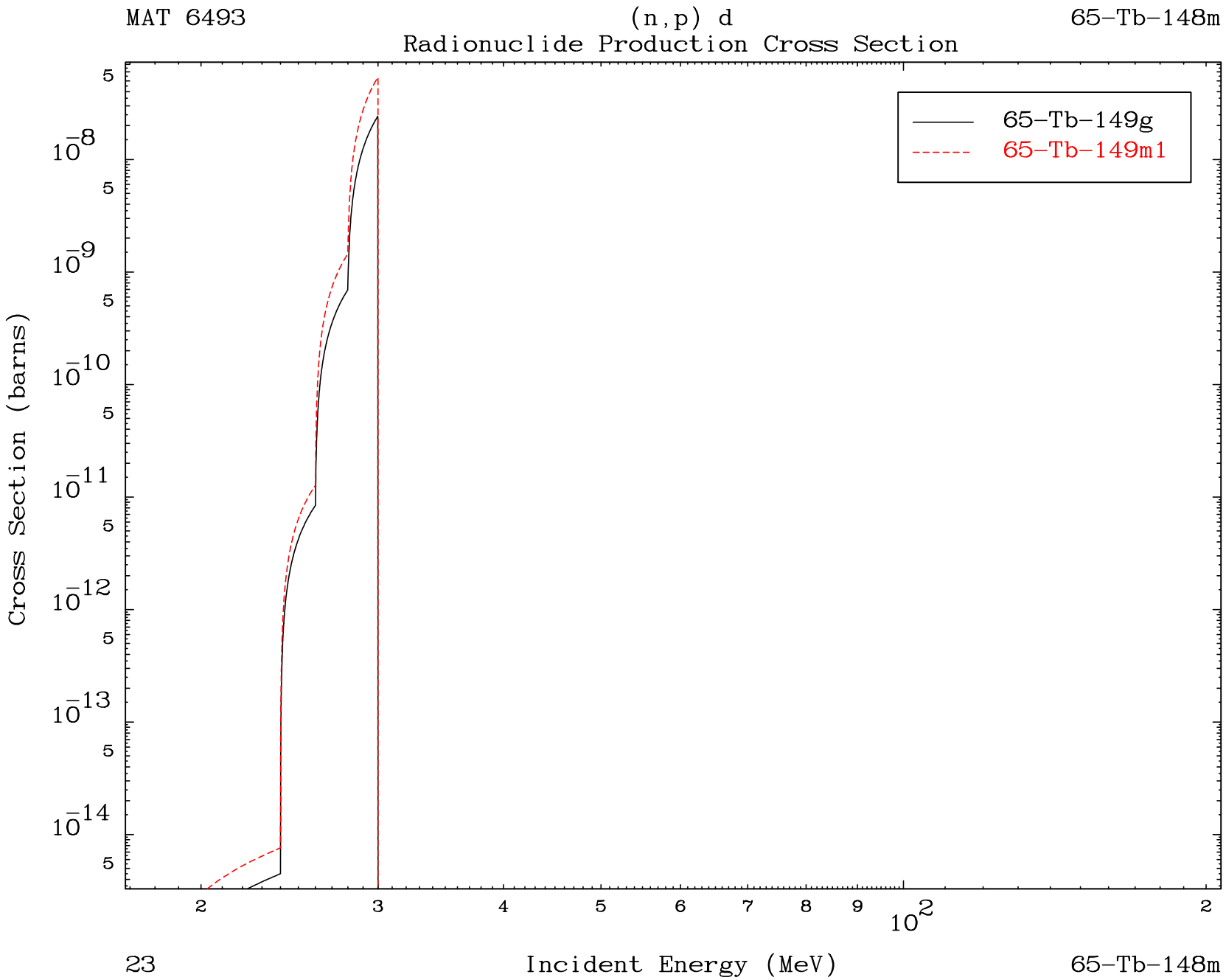

MAT 6493
(n,γ)
65-Tb-148m
Radionuclide Production Cross Section
67-Ho-152g
67-Ho-152m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
10 1
2
3
4
5
6
7
8
9
10 2
2
18
Incident Energy (MeV)
65-Tb-148m


MAT 6493
(n,t)
65-Tb-148m
Radionuclide Production Cross Section
66-Dy-149g
66-Dy-149m27
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
19
Incident Energy (MeV)
65-Tb-148m


MAT 6493
(n,He-3)
65-Tb-148m
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-148m


MAT 6493
(n,α)
65-Tb-148m
Radionuclide Production Cross Section
65-Tb-148g
65-Tb-148m1
Cross Section (barns)
Incident Energy (MeV)
21
65-Tb-148m


MAT 6493
(n,2p)
65-Tb-148m
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
22
Incident Energy (MeV)
65-Tb-148m


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