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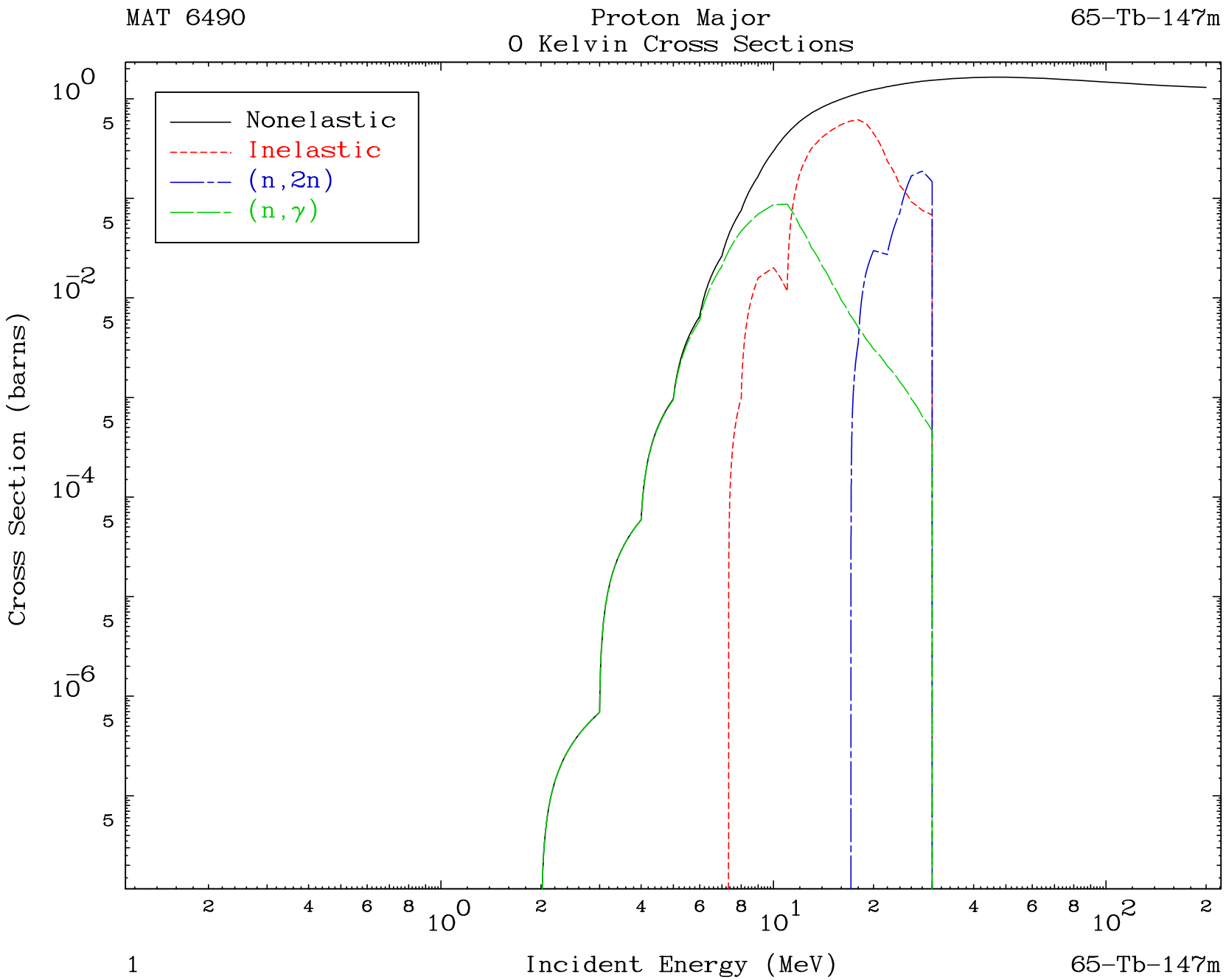
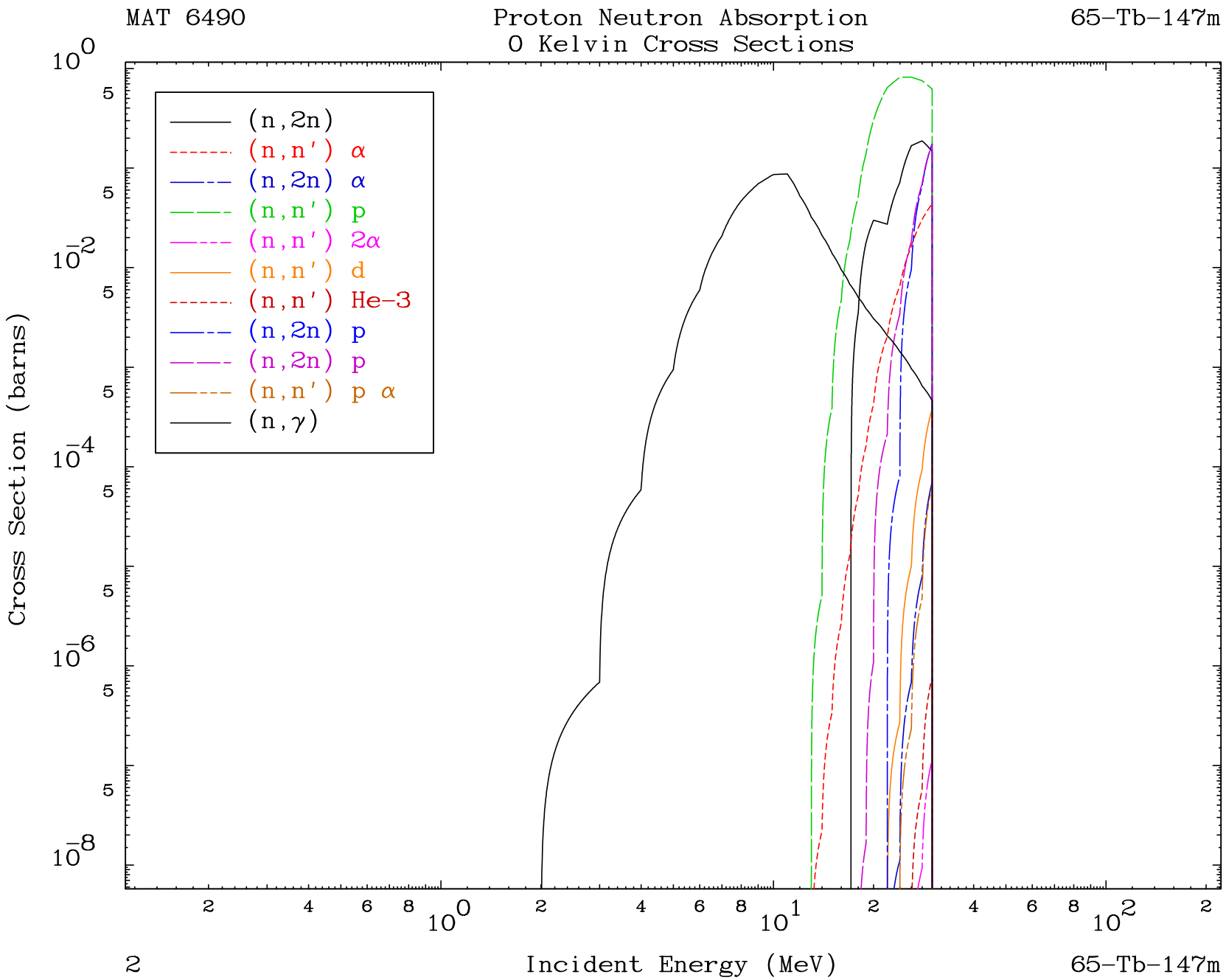
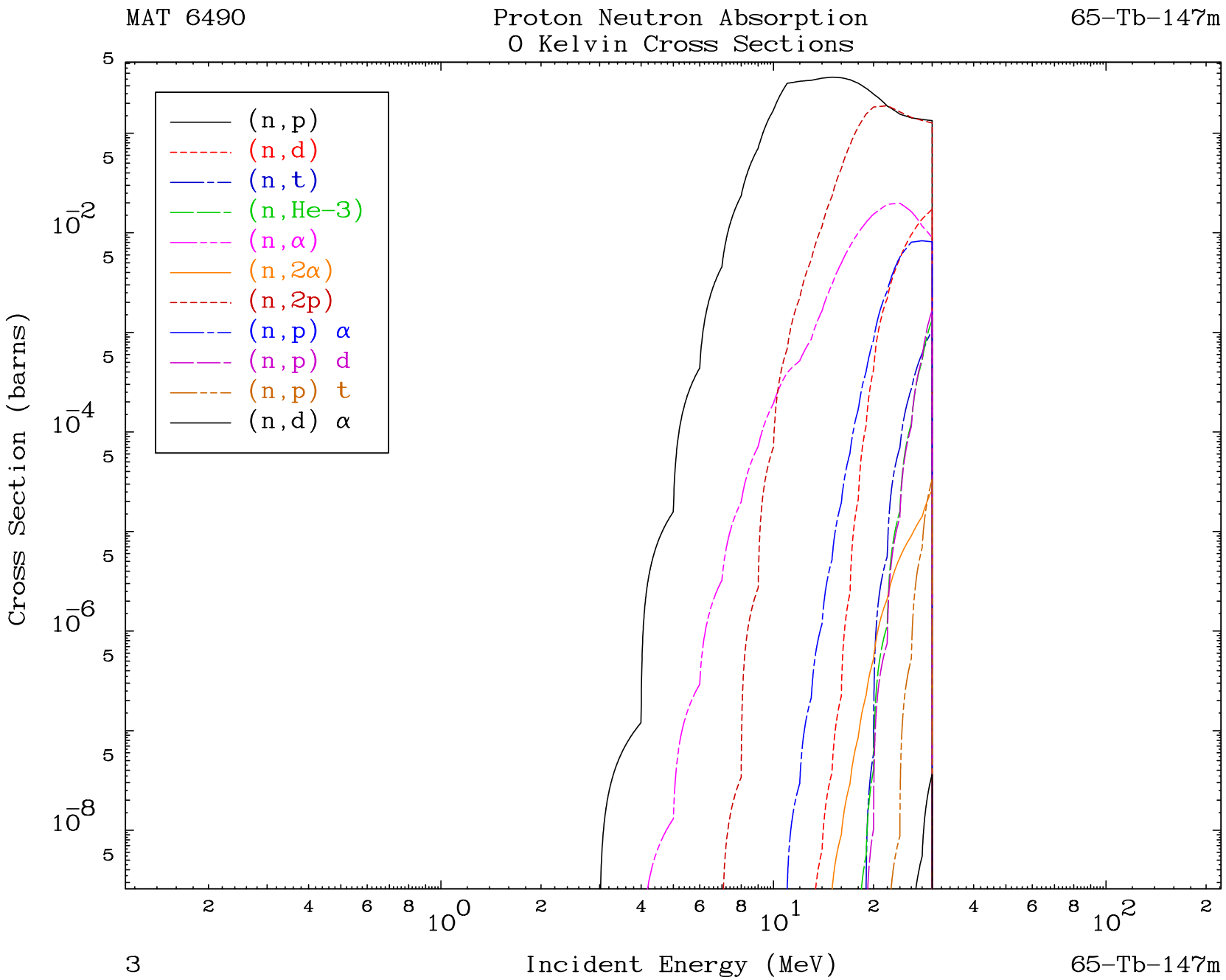
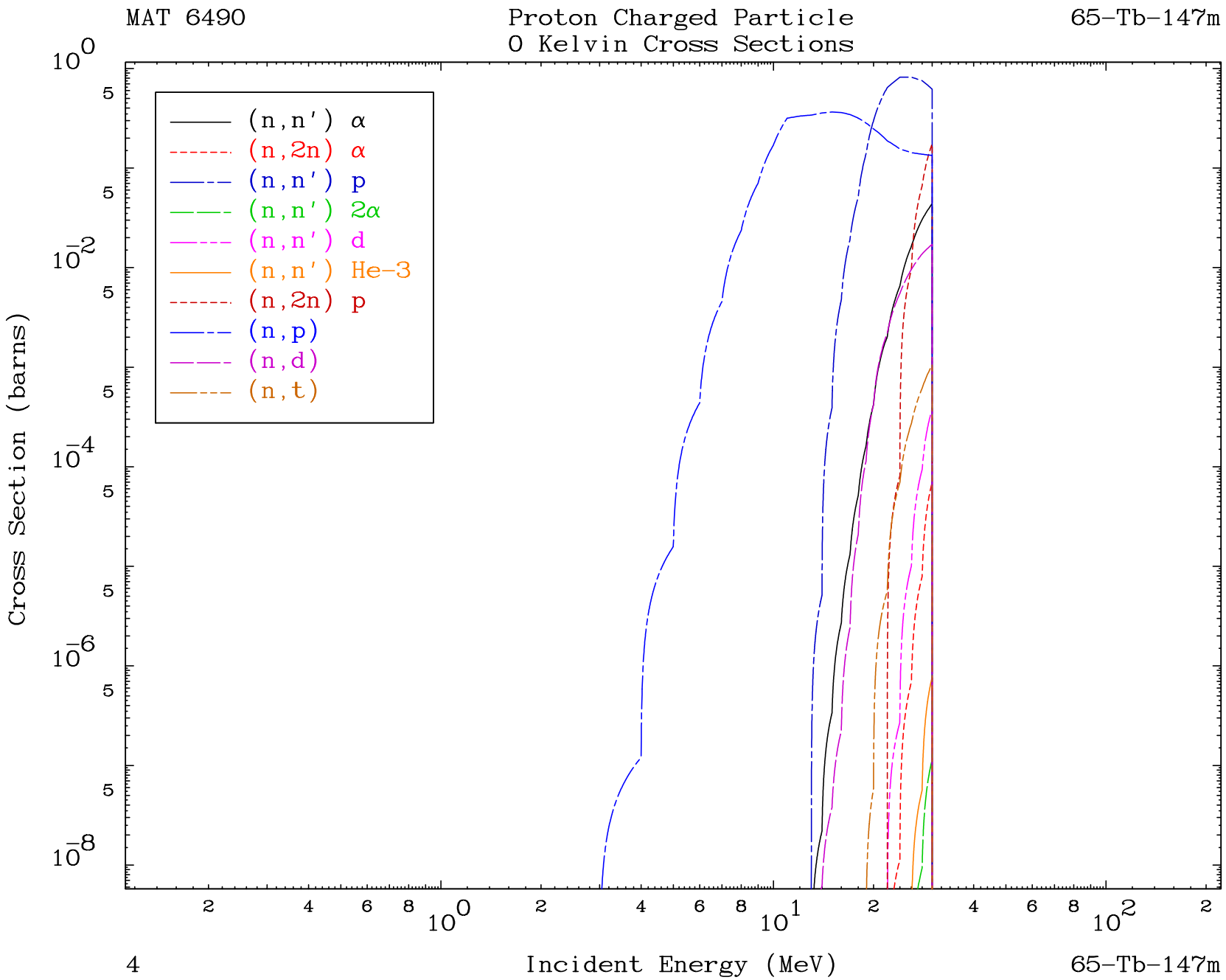
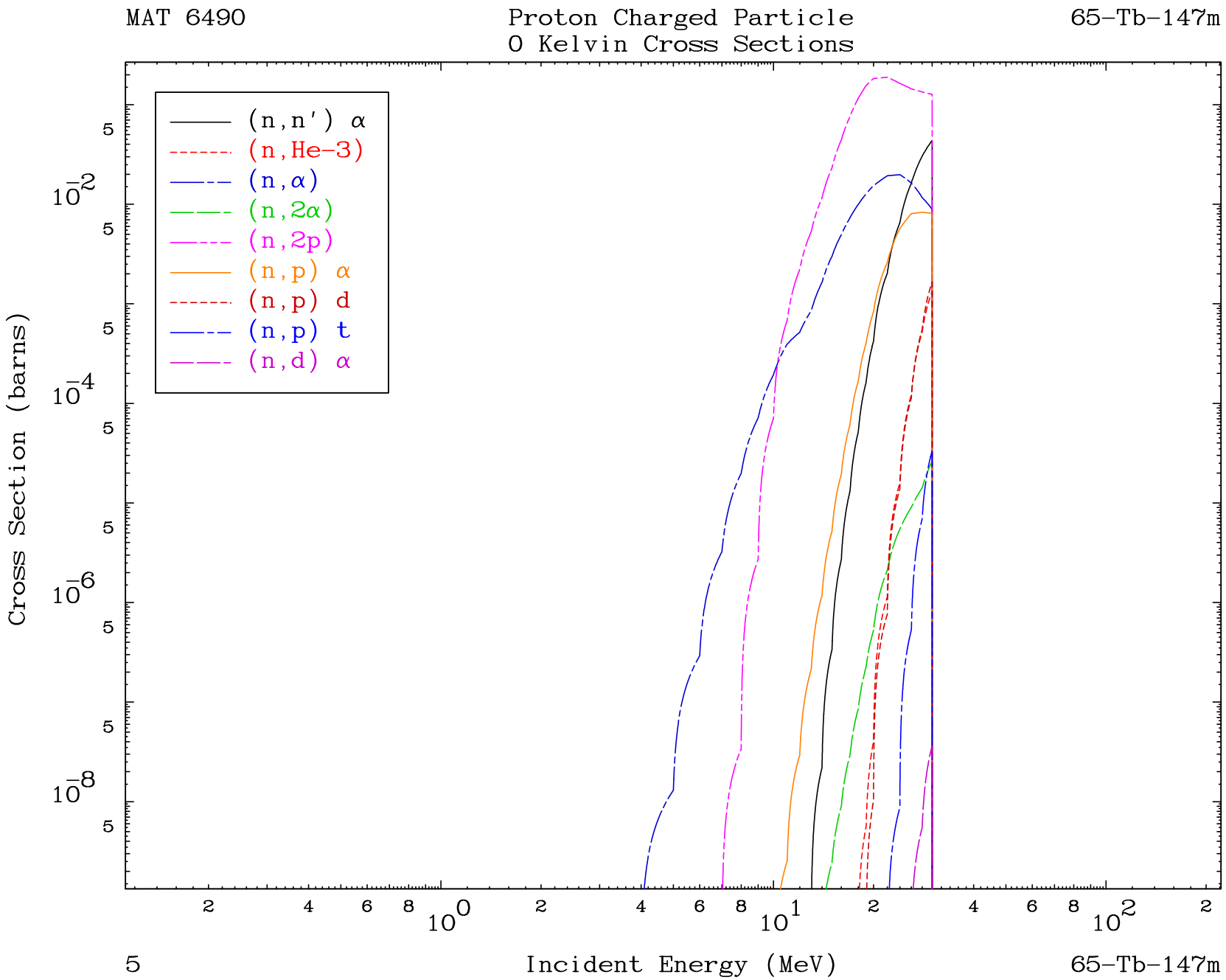
Press Mouse Button to Start

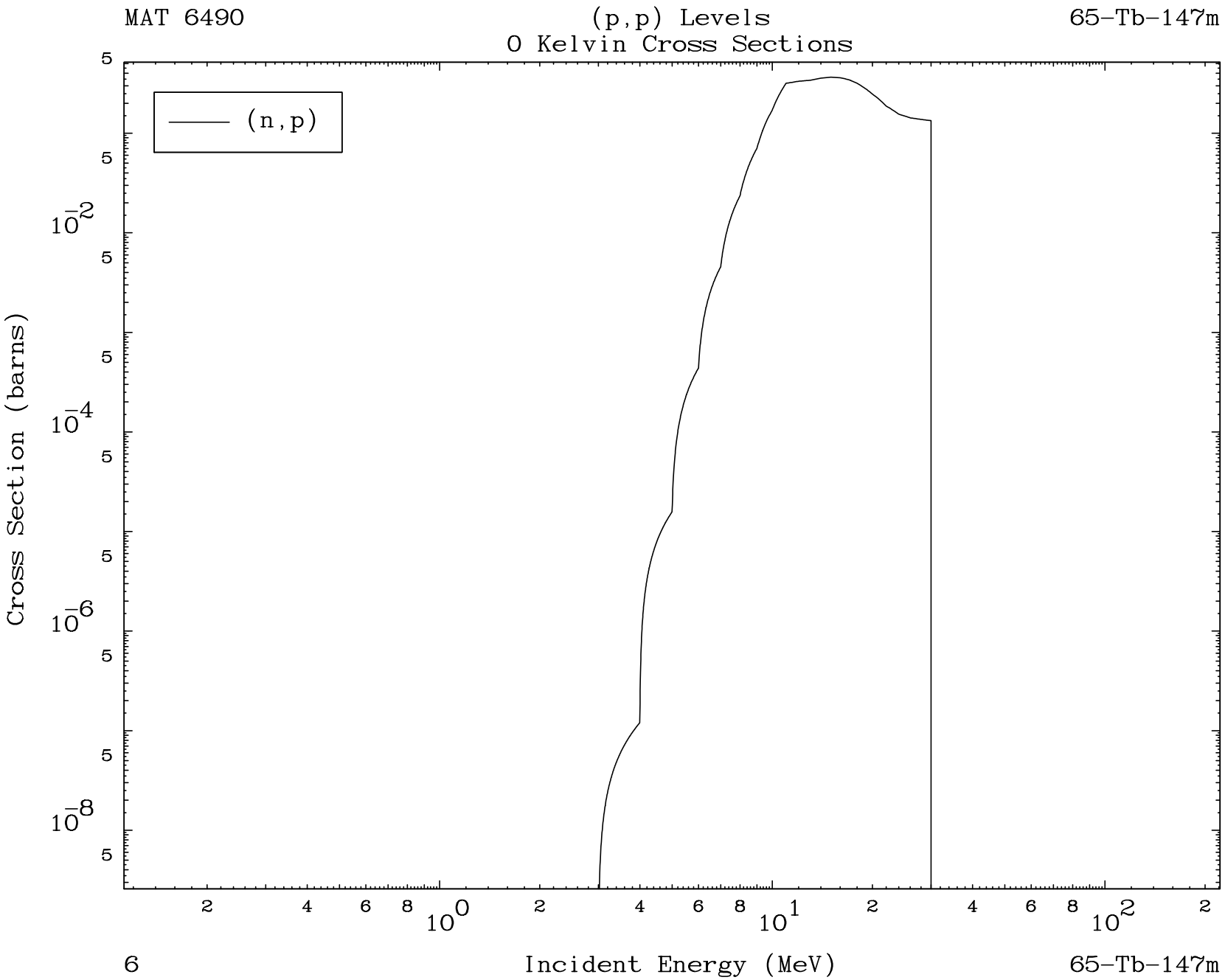

MAT 6490
Proton Major
65-Tb-147m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-147m
1

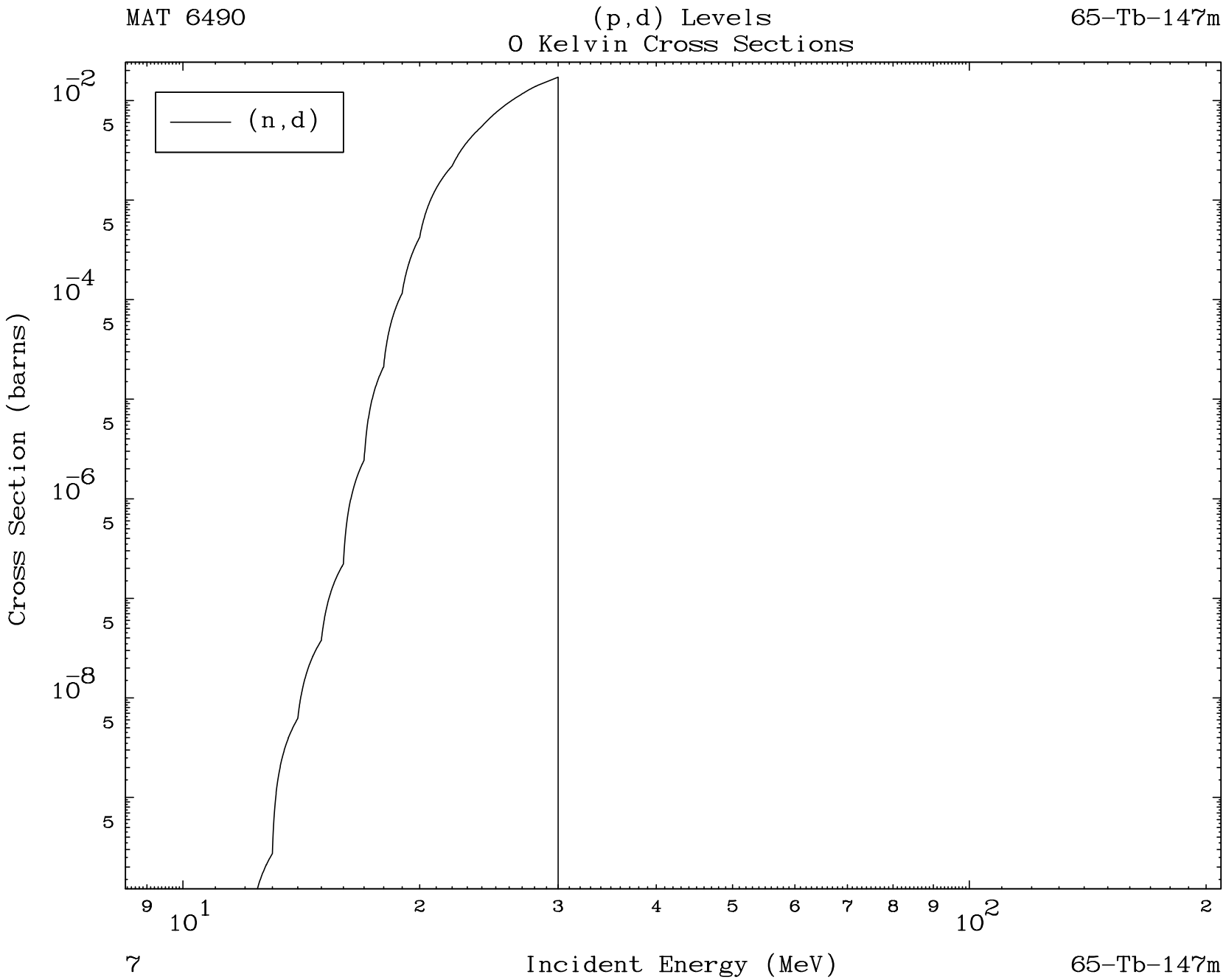

MAT 6490
Proton Neutron Absorption
0 Kelvin Cross Sections
65-Tb-147m
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-147m

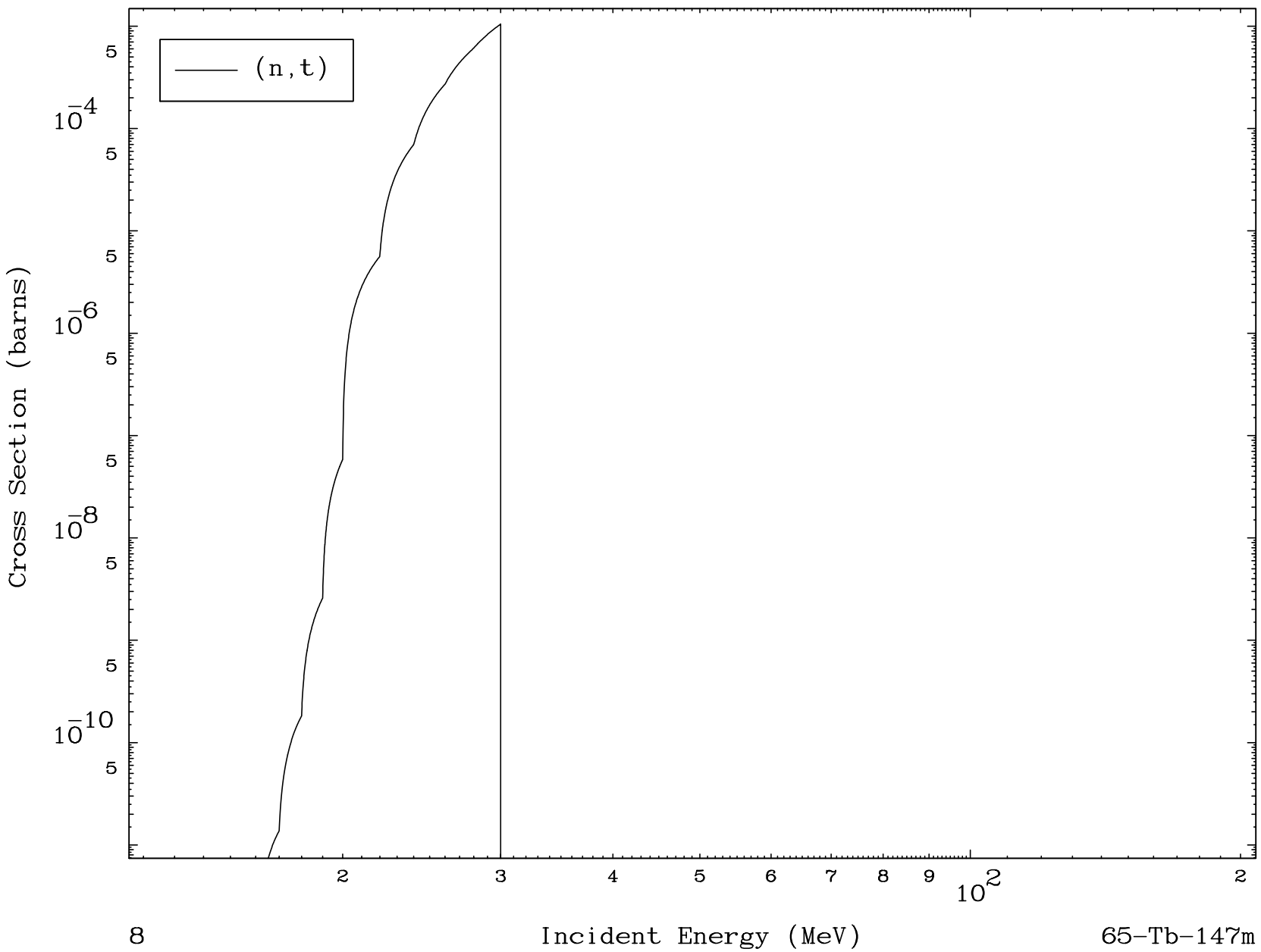

MAT 6490
Proton Neutron Absorption
0 Kelvin Cross Sections
65-Tb-147m
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
65-Tb-147m

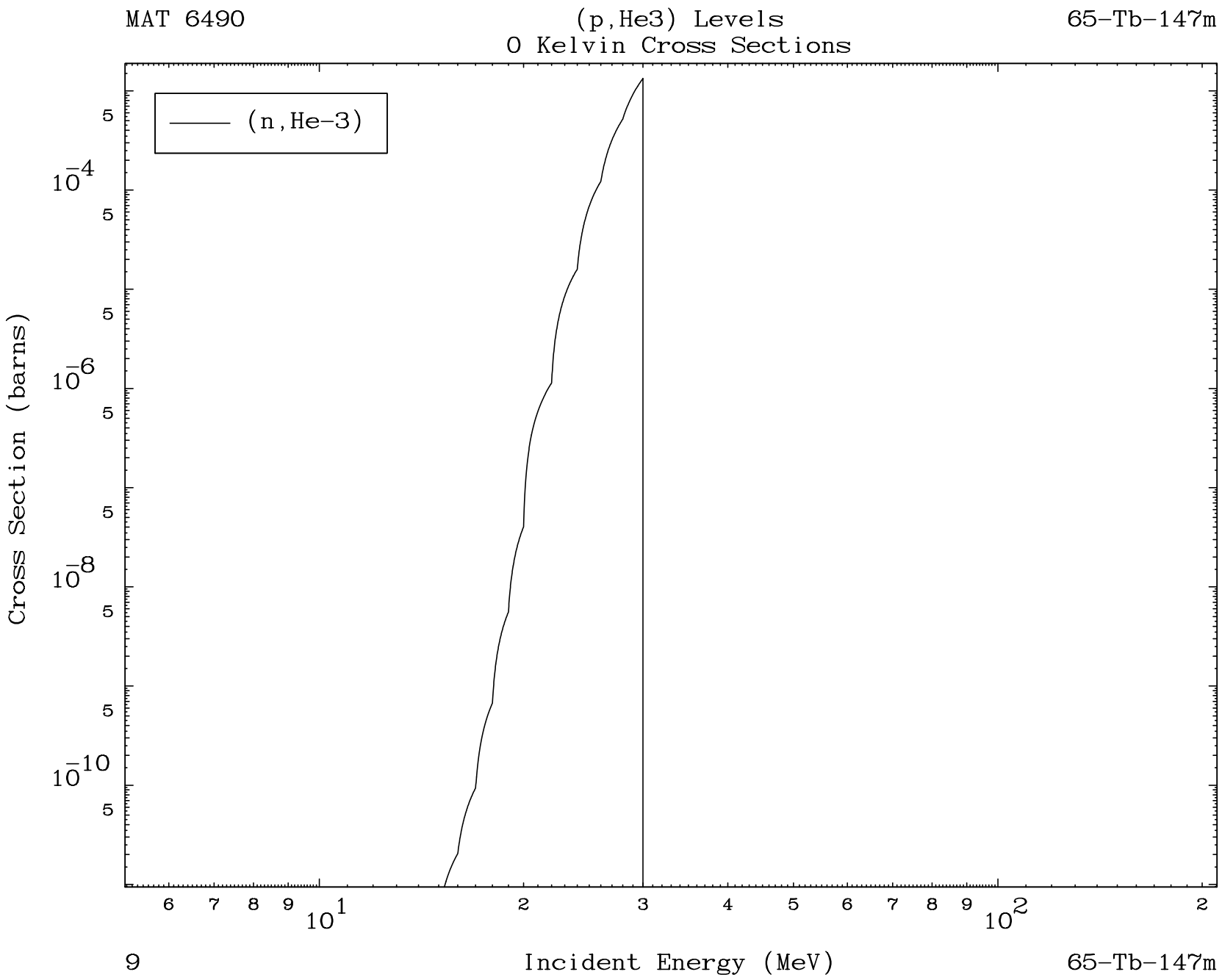

MAT 6490
Proton Charged Particle
0 Kelvin Cross Sections
65-Tb-147m
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
4
65-Tb-147m

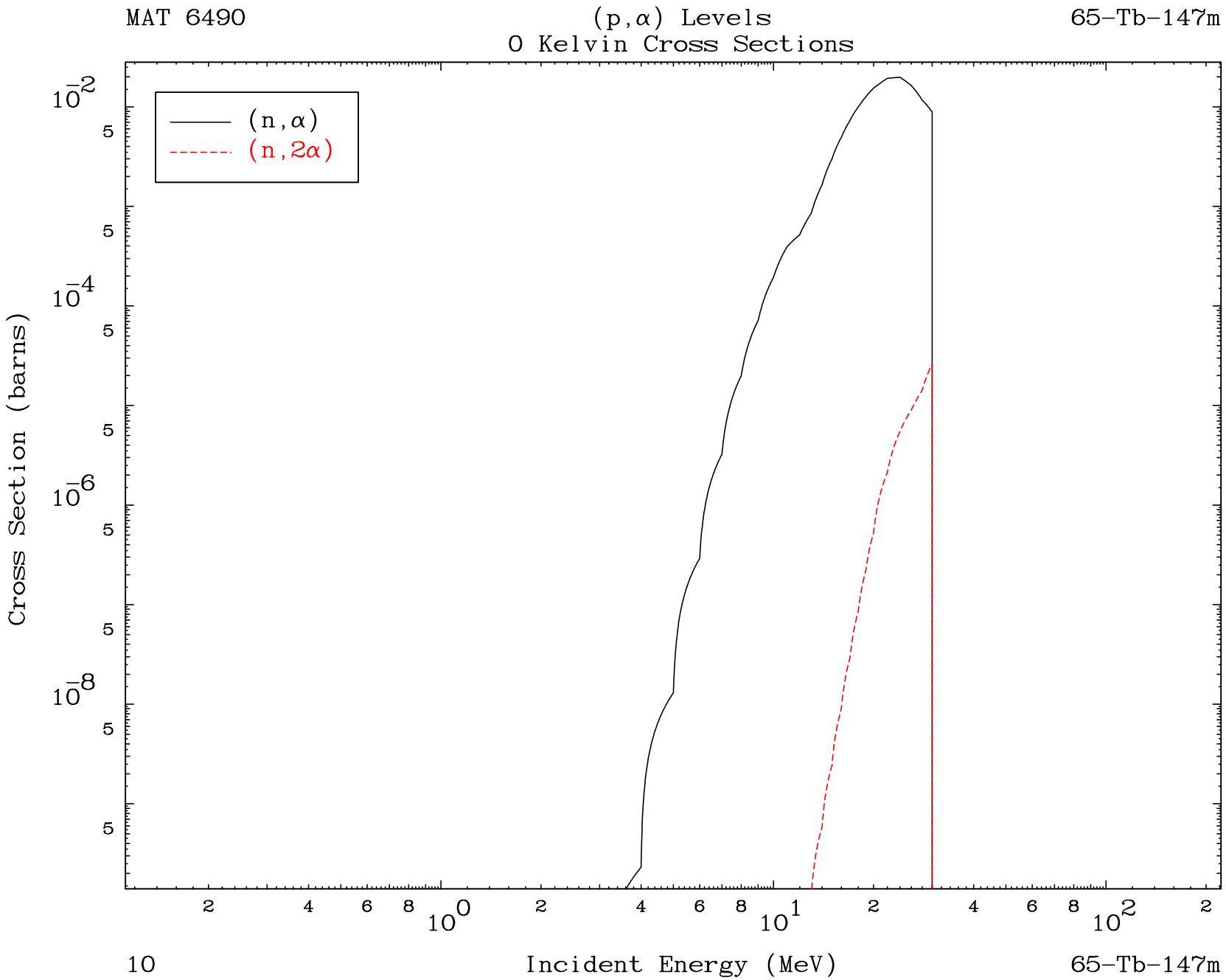

MAT 6490
Proton Charged Particle
0 Kelvin Cross Sections
65-Tb-147m
(n,n') α
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
65-Tb-147m

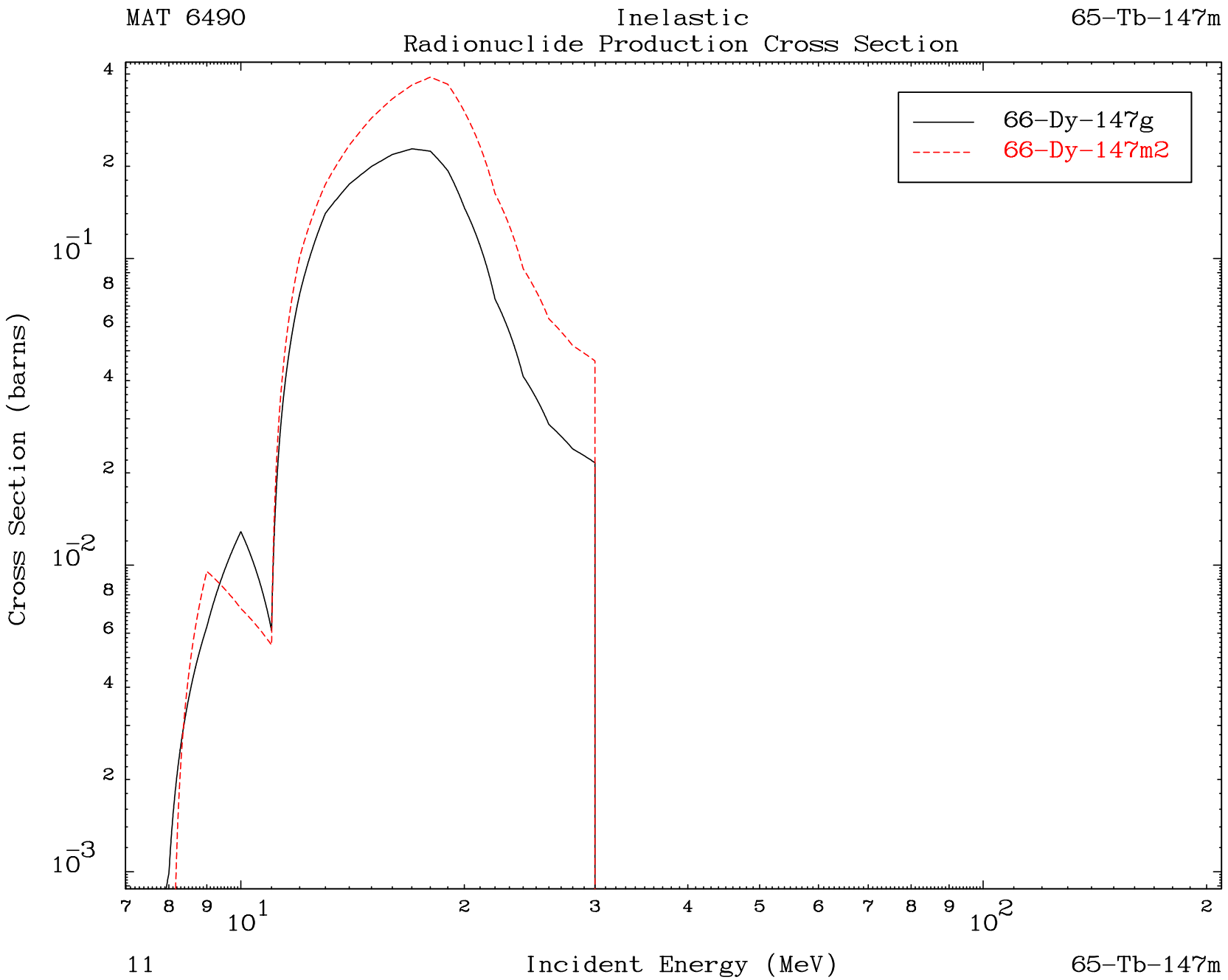

MAT 6490
(p,p) Levels
65-Tb-147m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
6
65-Tb-147m

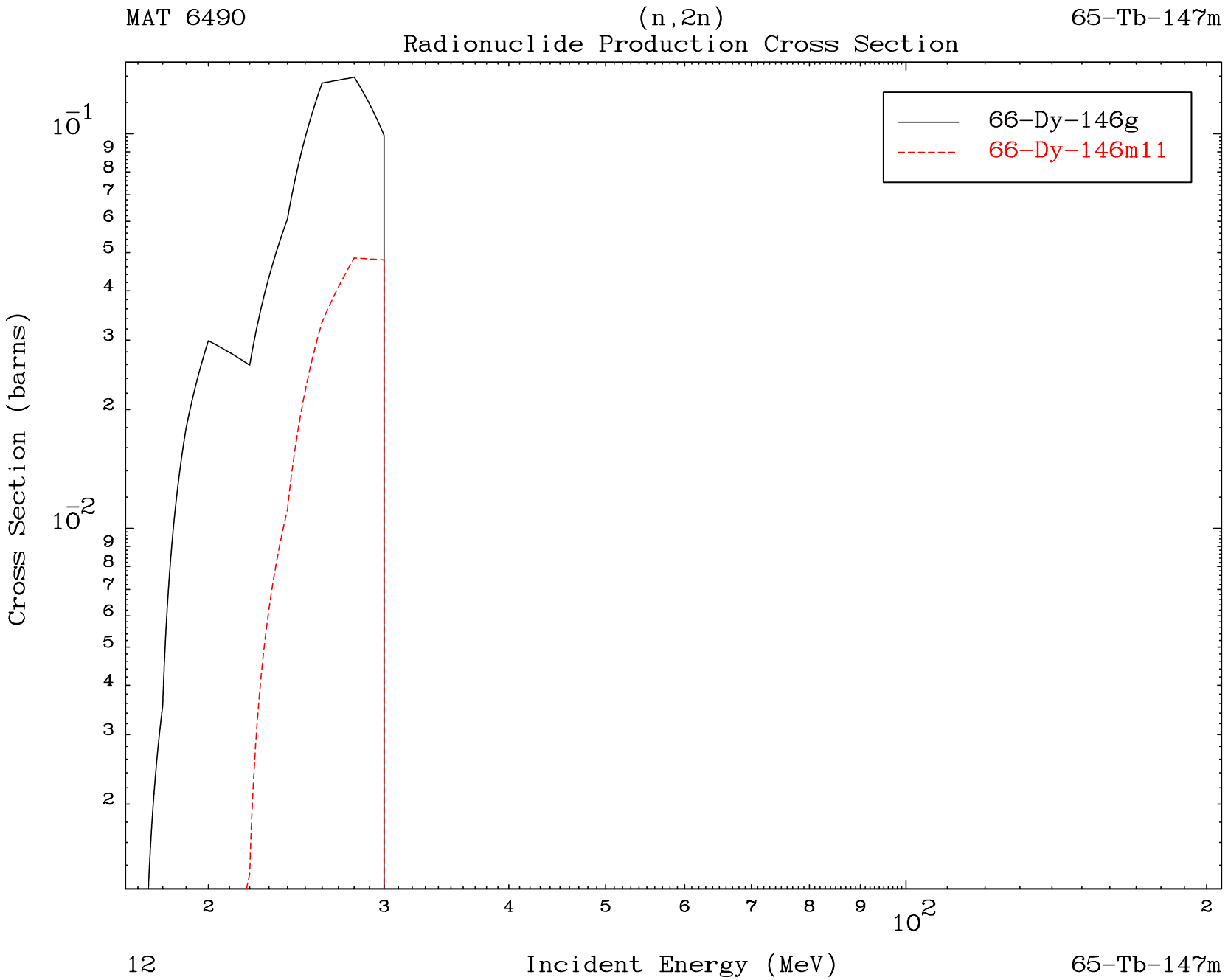

MAT 6490
(p,d) Levels
65-Tb-147m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-147m
7

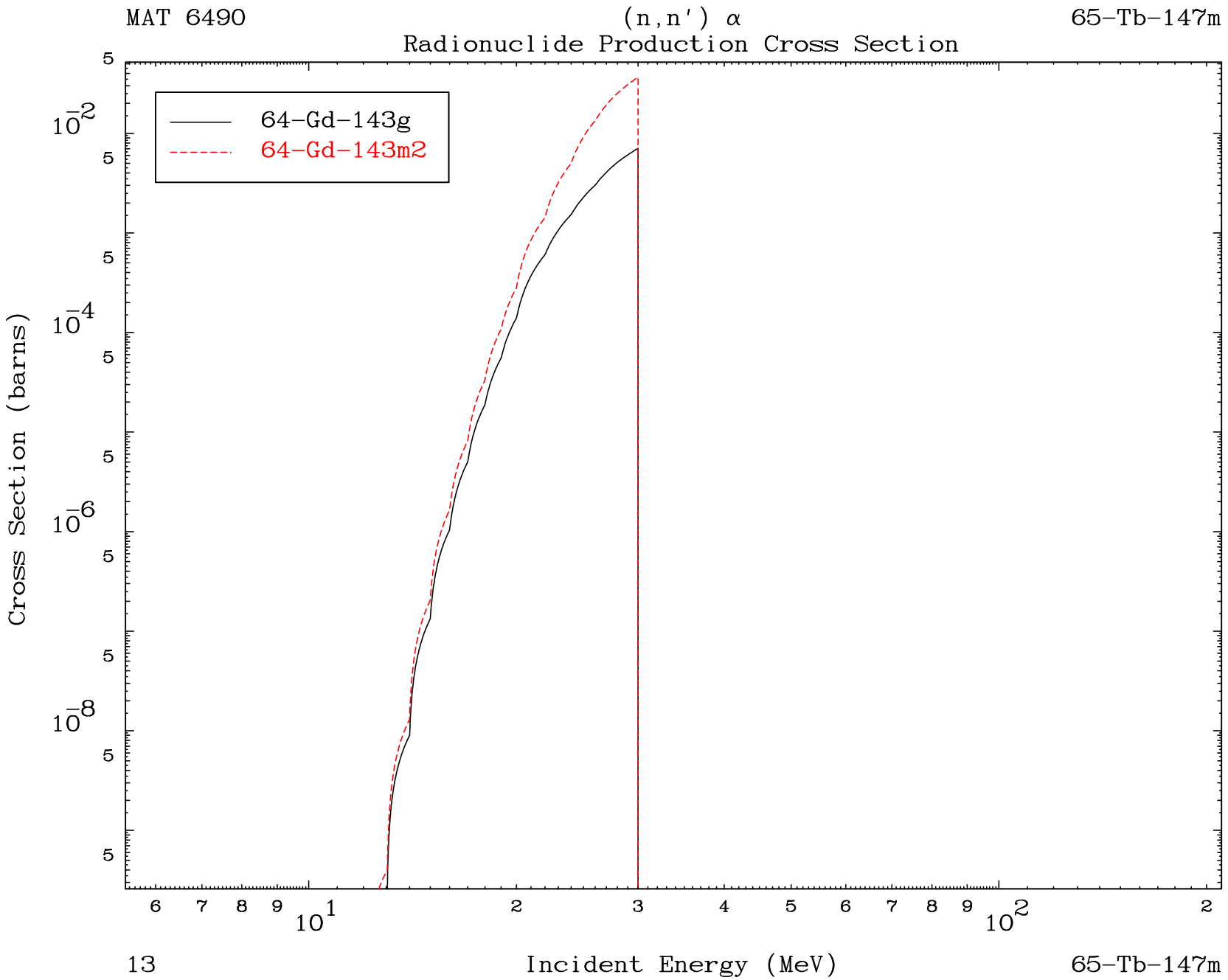

0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

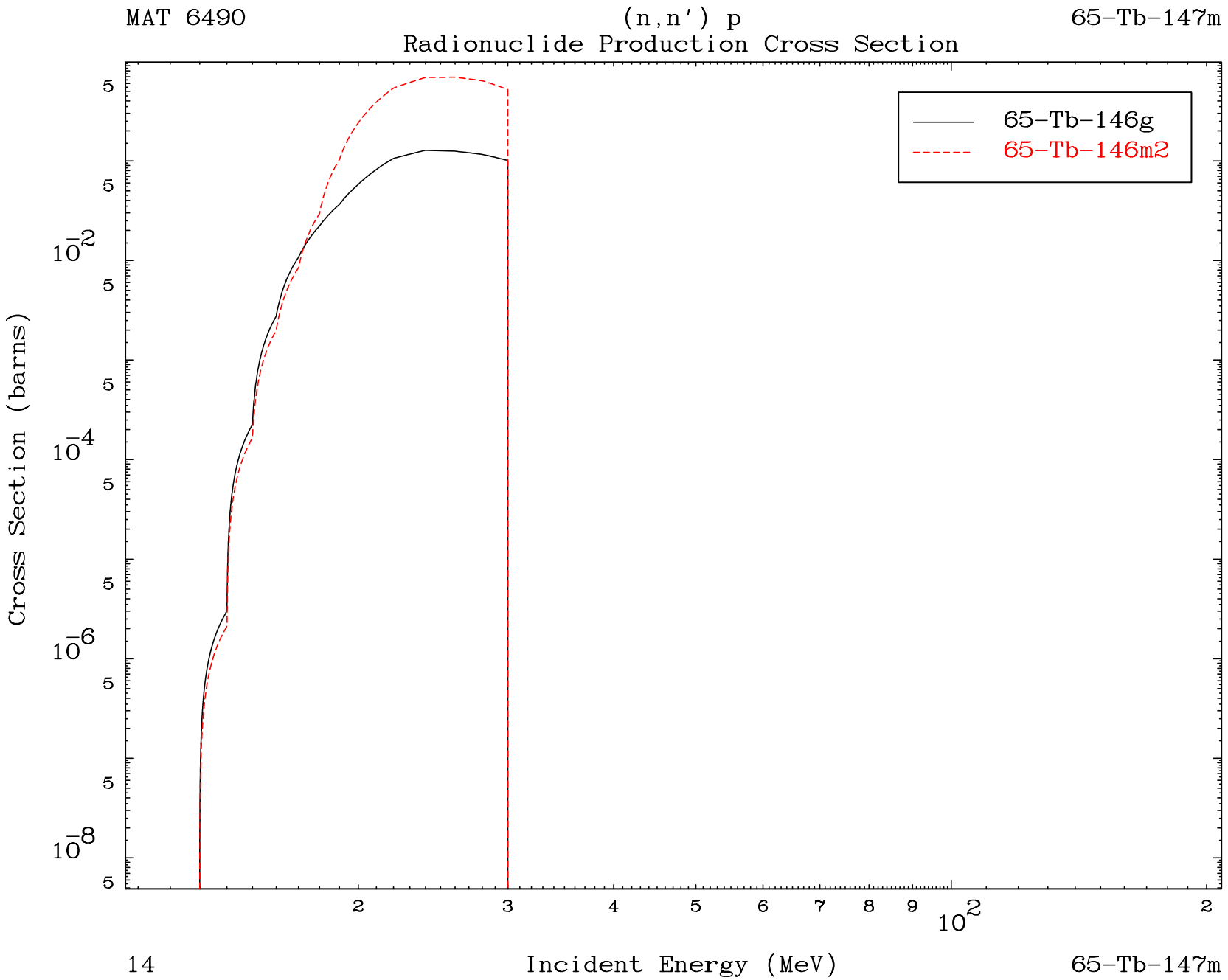

MAT 6490
(p,He3) Levels
65-Tb-147m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-147m
9

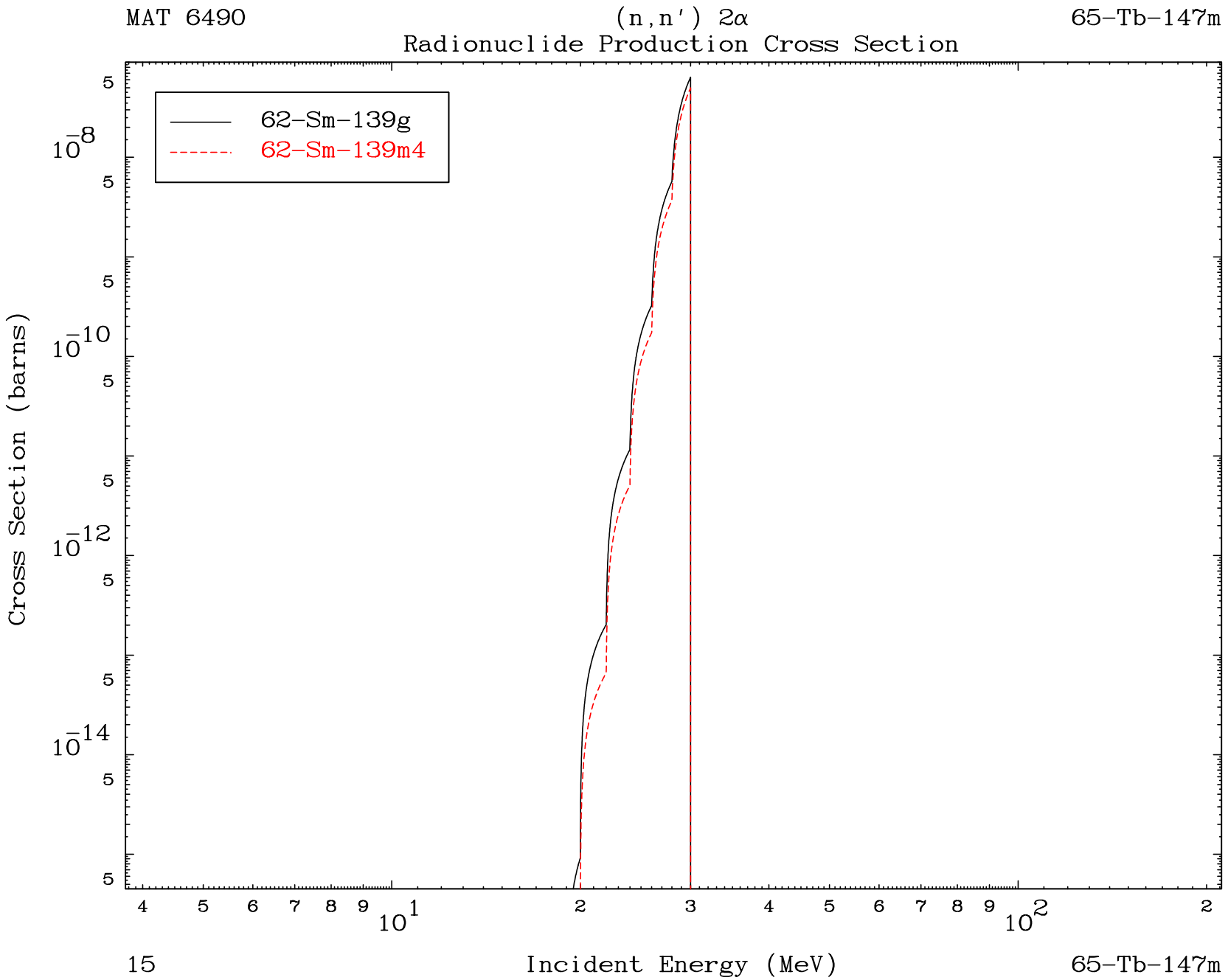

MAT 6490
(p,α) Levels
65-Tb-147m
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
10
65-Tb-147m

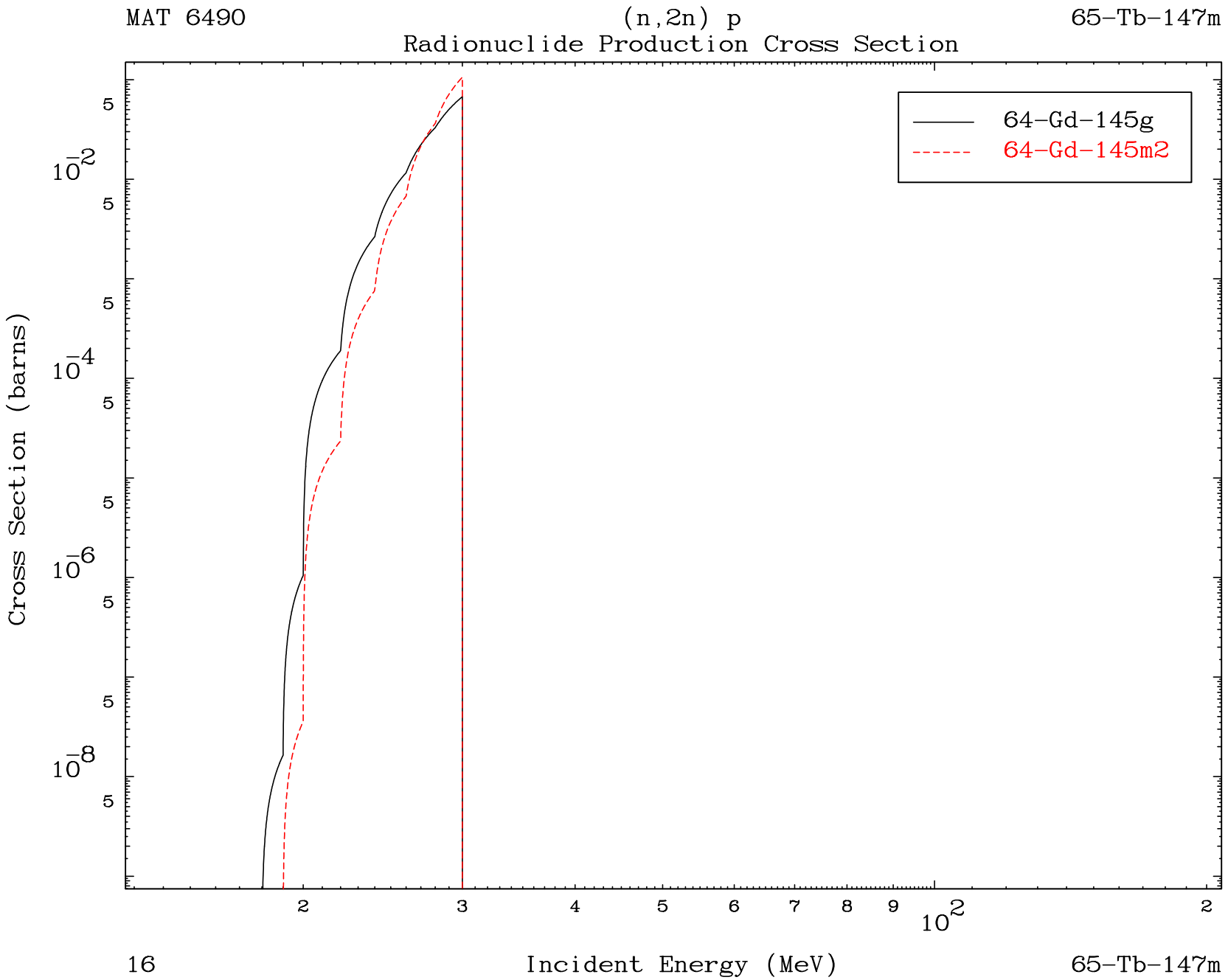

MAT 6490
Inelastic
65-Tb-147m
Radionuclide Production Cross Section
66-Dy-147g
66-Dy-147m2
Cross Section (barns)
Incident Energy (MeV)
11
65-Tb-147m

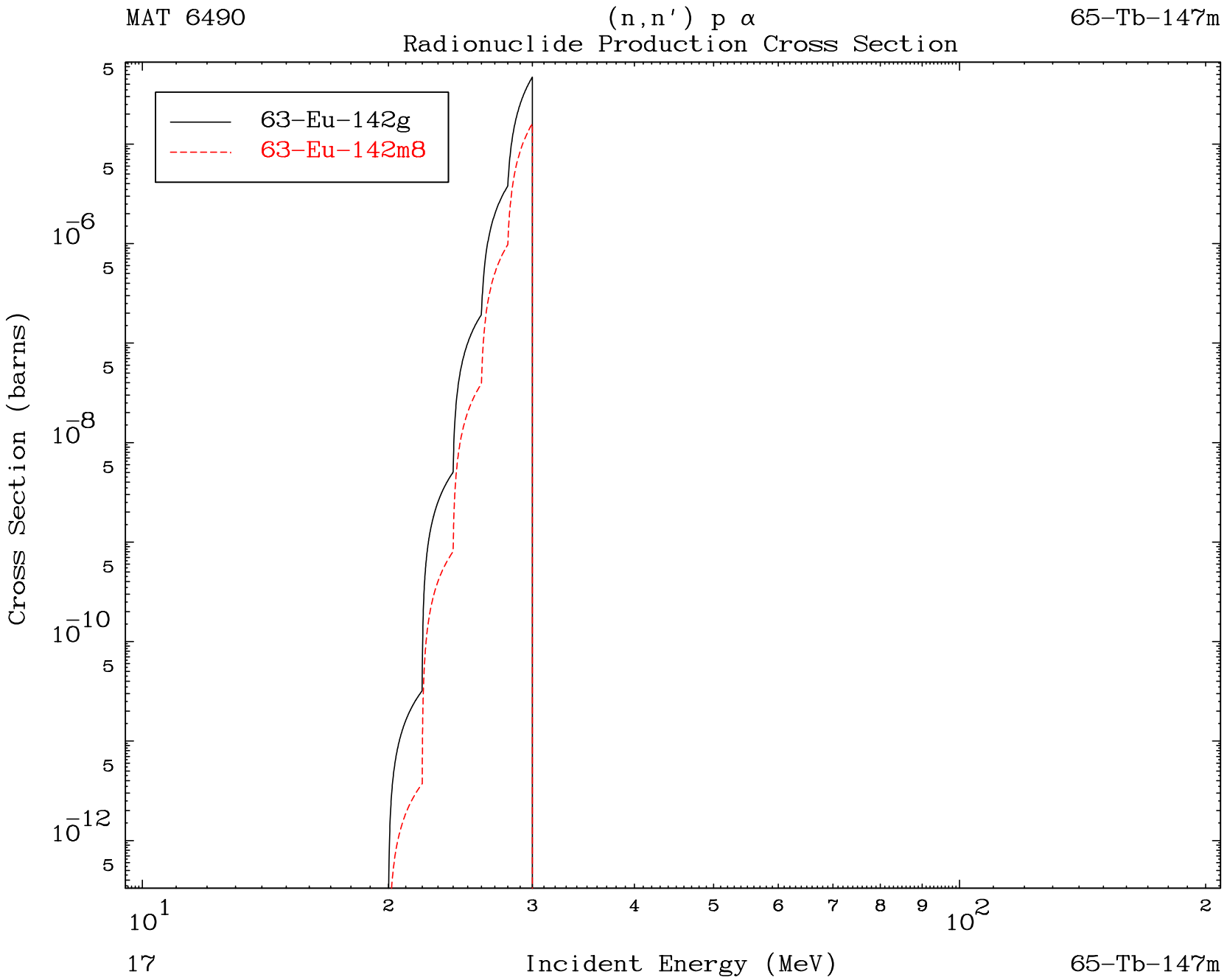

MAT 6490
(n,2n)
65-Tb-147m
Radionuclide Production Cross Section
66-Dy-146g
66-Dy-146m11
Cross Section (barns)
Incident Energy (MeV)
12
65-Tb-147m

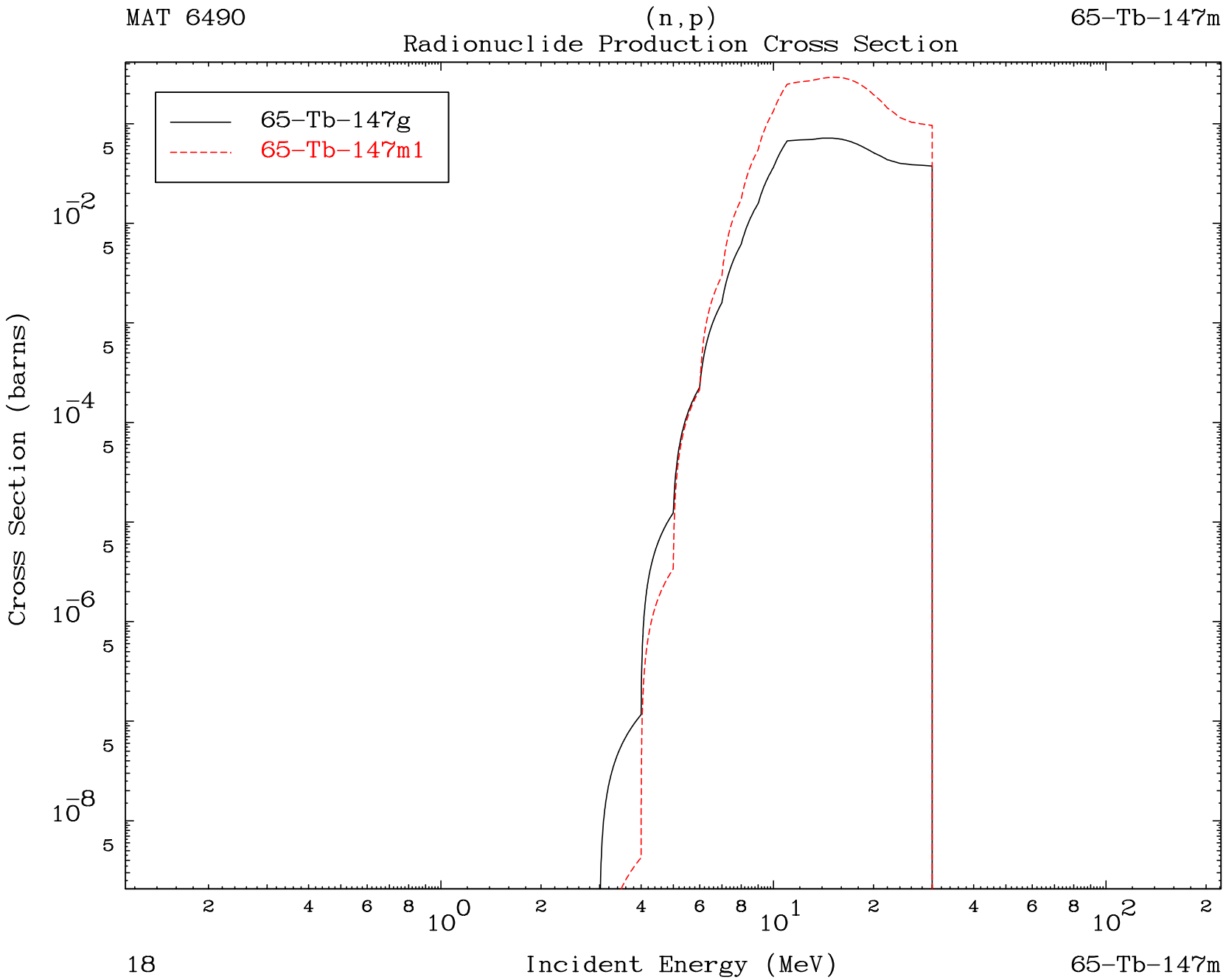

MAT 6490
(n,n') α
65-Tb-147m
Radionuclide Production Cross Section
64-Gd-143g
64-Gd-143m2
Cross Section (barns)
Incident Energy (MeV)
13
65-Tb-147m

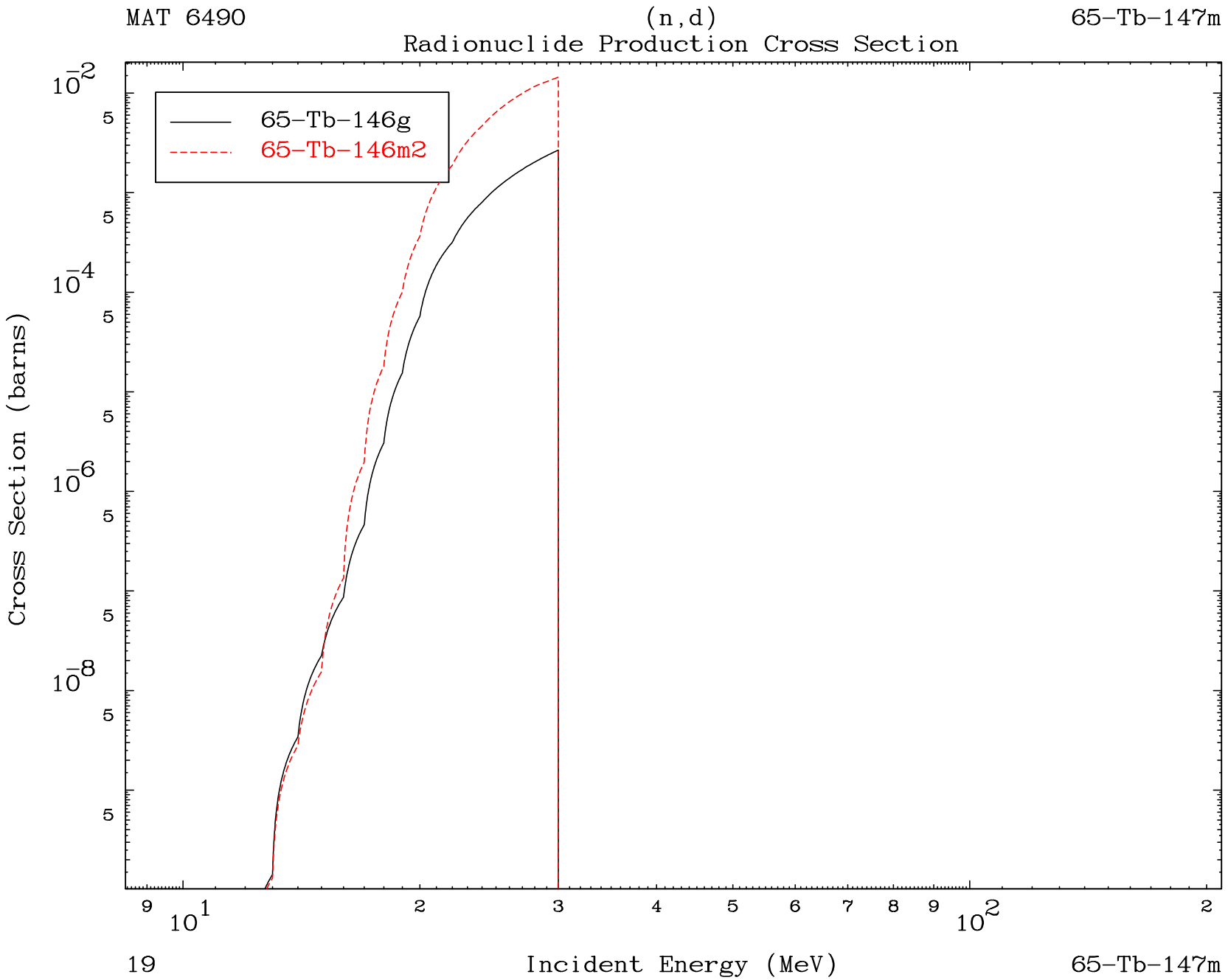

MAT 6490
(n,n') p
65-Tb-147m
Radionuclide Production Cross Section
65-Tb-146g
65-Tb-146m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
65-Tb-147m

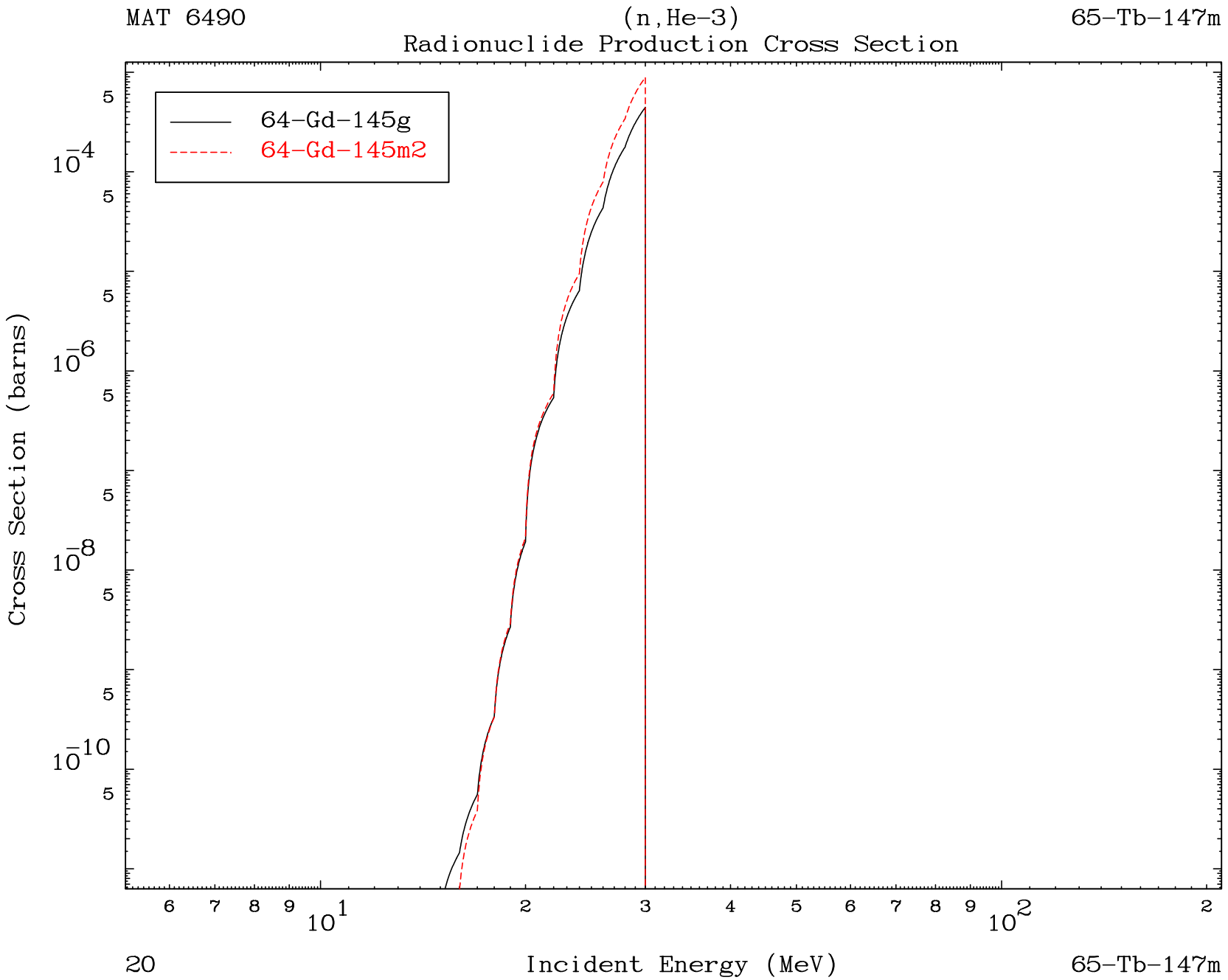

MAT 6490
(n,n') 2α
65-Tb-147m
Radionuclide Production Cross Section
62-Sm-139g
62-Sm-139m4
Cross Section (barns)
Incident Energy (MeV)
15
65-Tb-147m

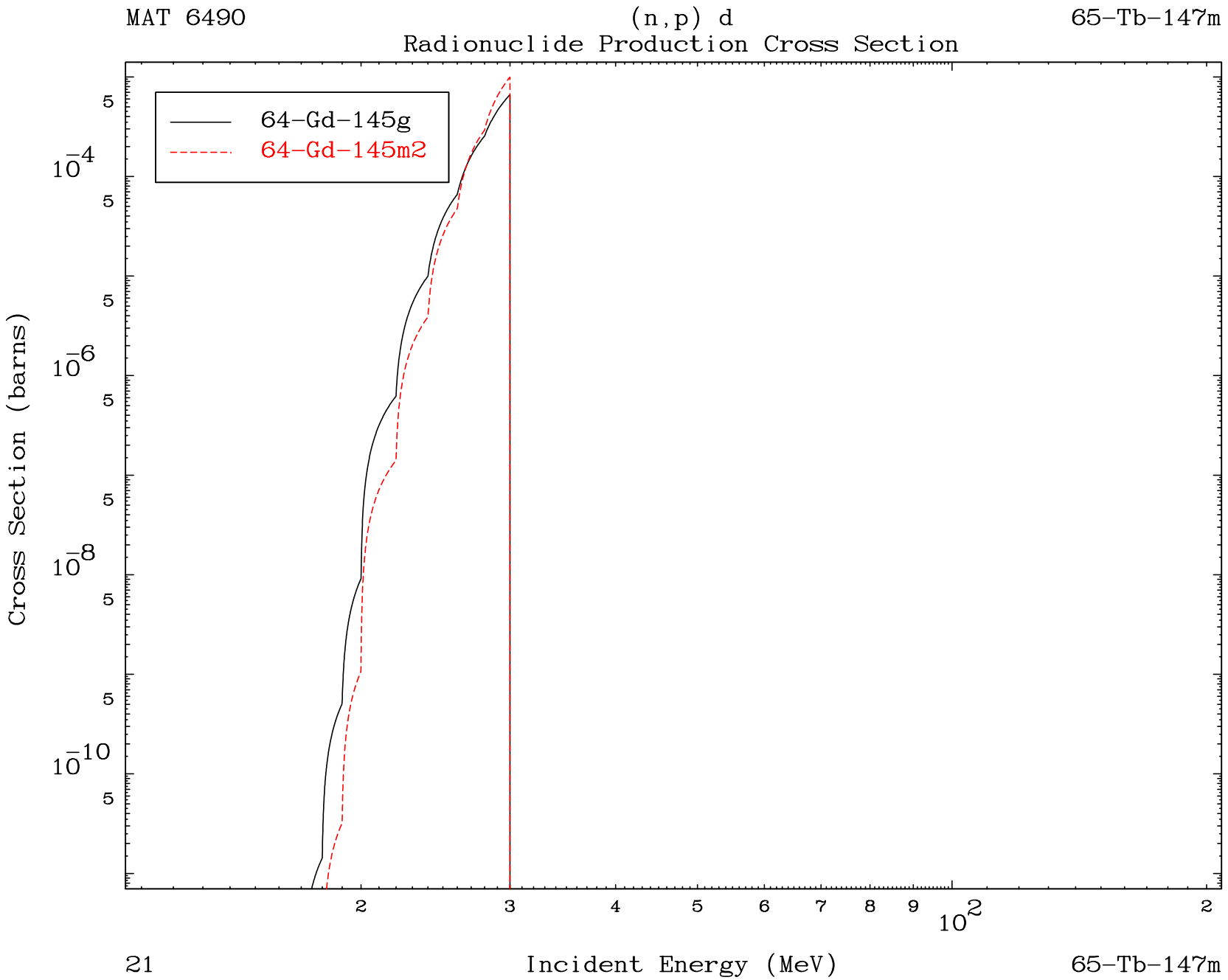

MAT 6490
(n,2n) p
65-Tb-147m
Radionuclide Production Cross Section
64-Gd-145g
64-Gd-145m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
65-Tb-147m

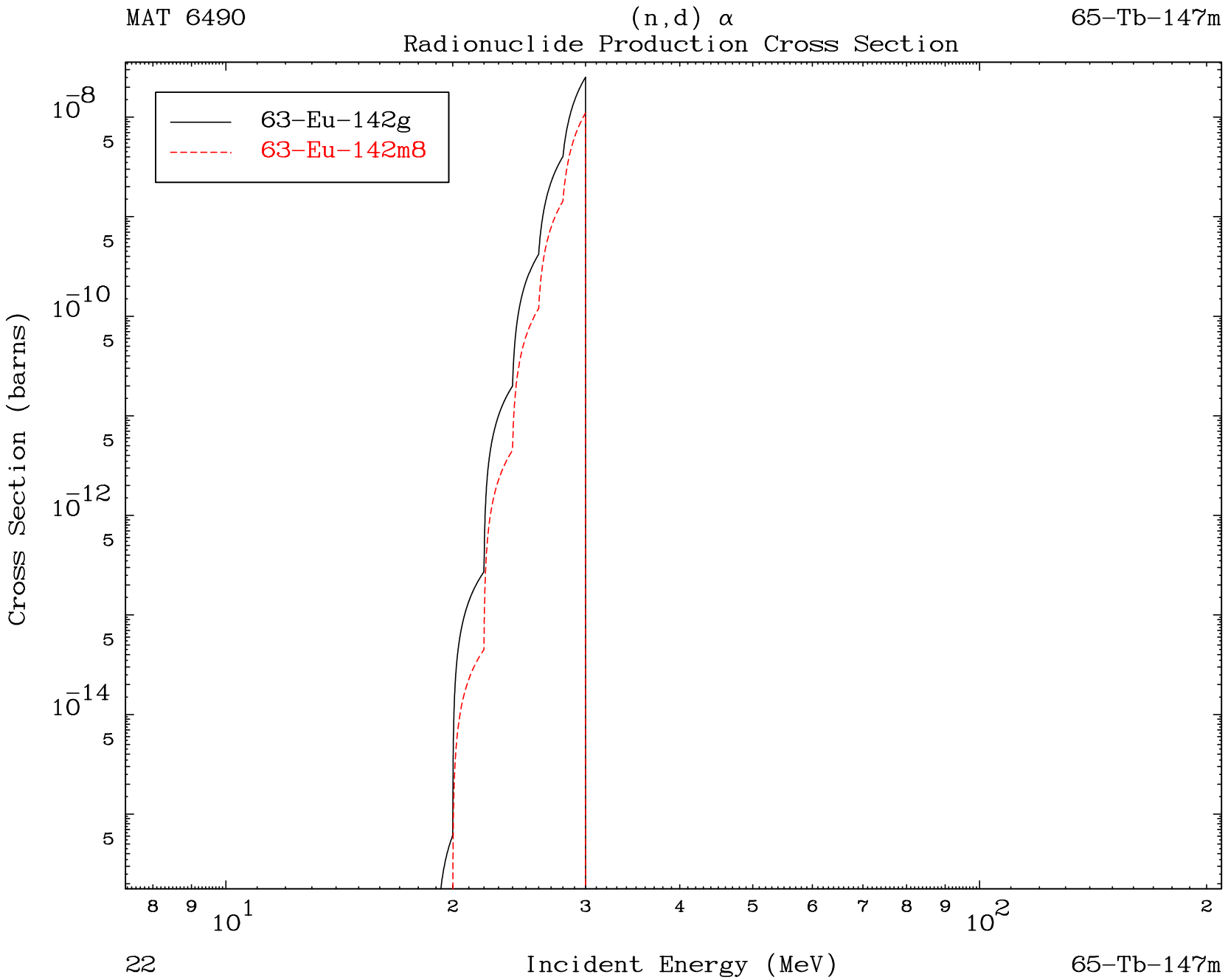

MAT 6490
(n,n') p α
65-Tb-147m
Radionuclide Production Cross Section
63-Eu-142g
63-Eu-142m8
Cross Section (barns)
Incident Energy (MeV)
65-Tb-147m
17


MAT 6490
(n,p)
65-Tb-147m
Radionuclide Production Cross Section
65-Tb-147g
65-Tb-147m1
Cross Section (barns)
Incident Energy (MeV)
18
65-Tb-147m


MAT 6490
(n,d)
65-Tb-147m
Radionuclide Production Cross Section
65-Tb-146g
65-Tb-146m2
Cross Section (barns)
Incident Energy (MeV)
19
65-Tb-147m


MAT 6490
(n,He-3)
65-Tb-147m
Radionuclide Production Cross Section
64-Gd-145g
64-Gd-145m2
Cross Section (barns)
Incident Energy (MeV)
20
65-Tb-147m


MAT 6490
(n,p) d
65-Tb-147m
Radionuclide Production Cross Section
64-Gd-145g
64-Gd-145m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
21
Incident Energy (MeV)
65-Tb-147m


MAT 6490
(n,d) α
65-Tb-147m
Radionuclide Production Cross Section
63-Eu-142g
63-Eu-142m8
Cross Section (barns)
Incident Energy (MeV)
22
65-Tb-147m