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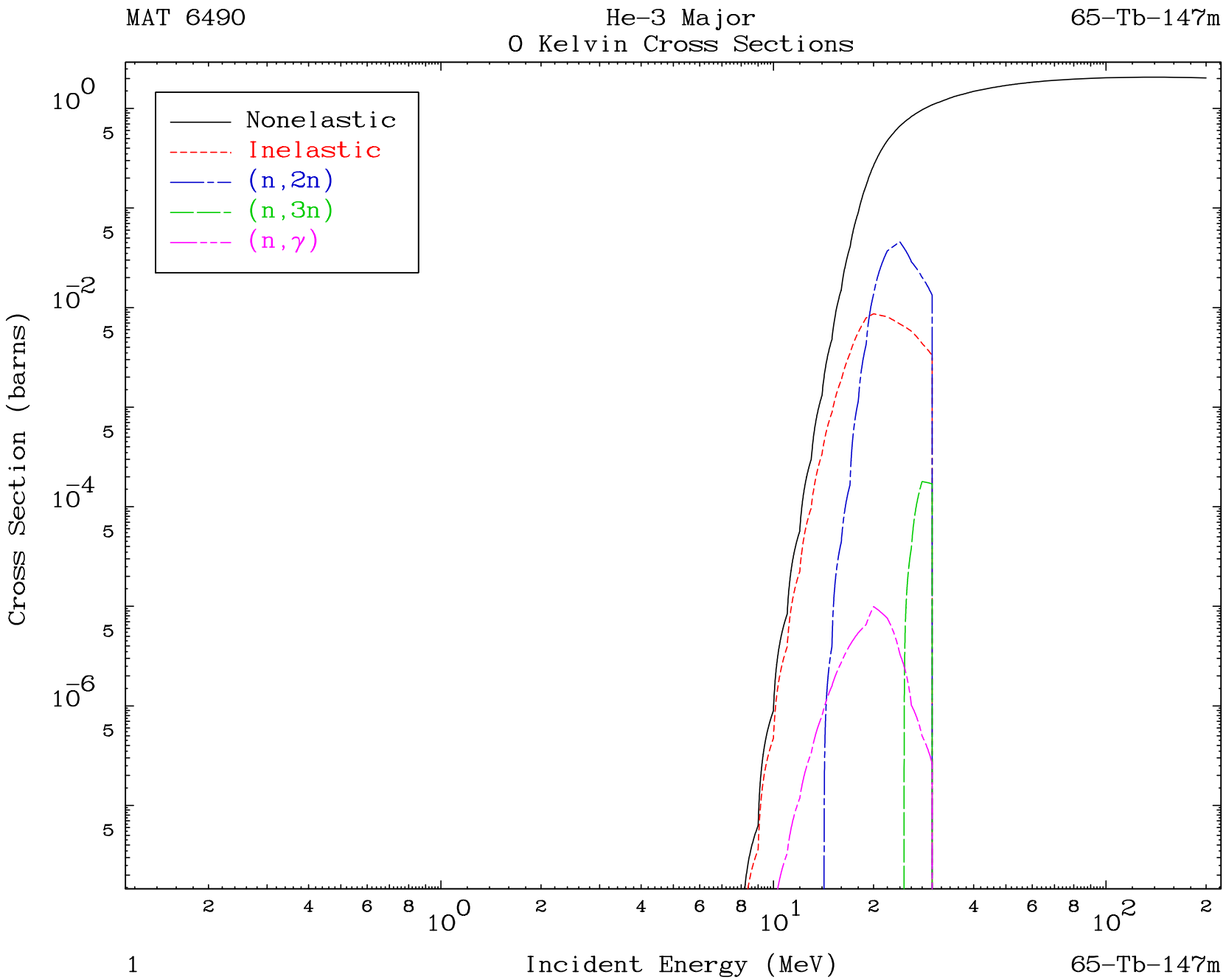
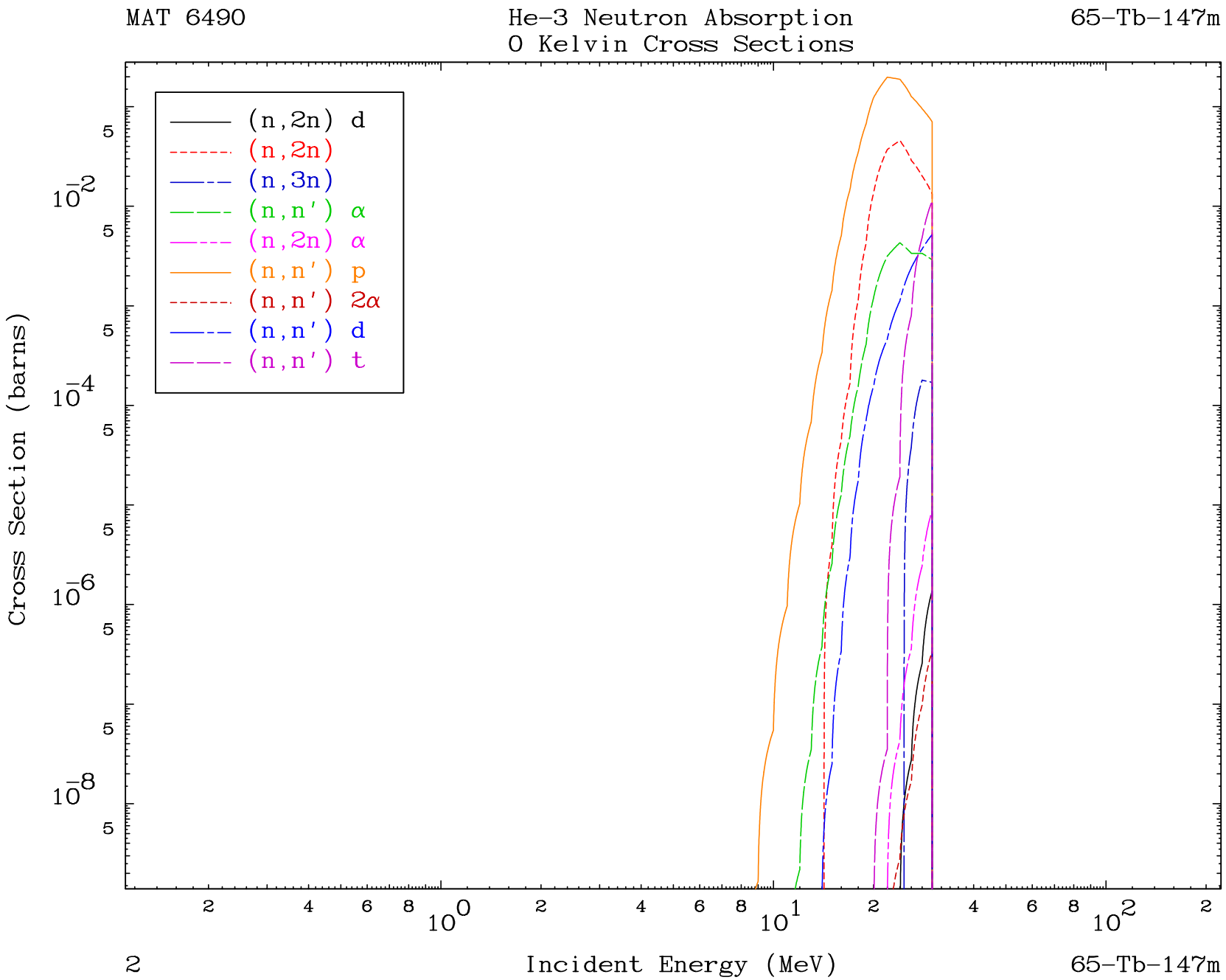
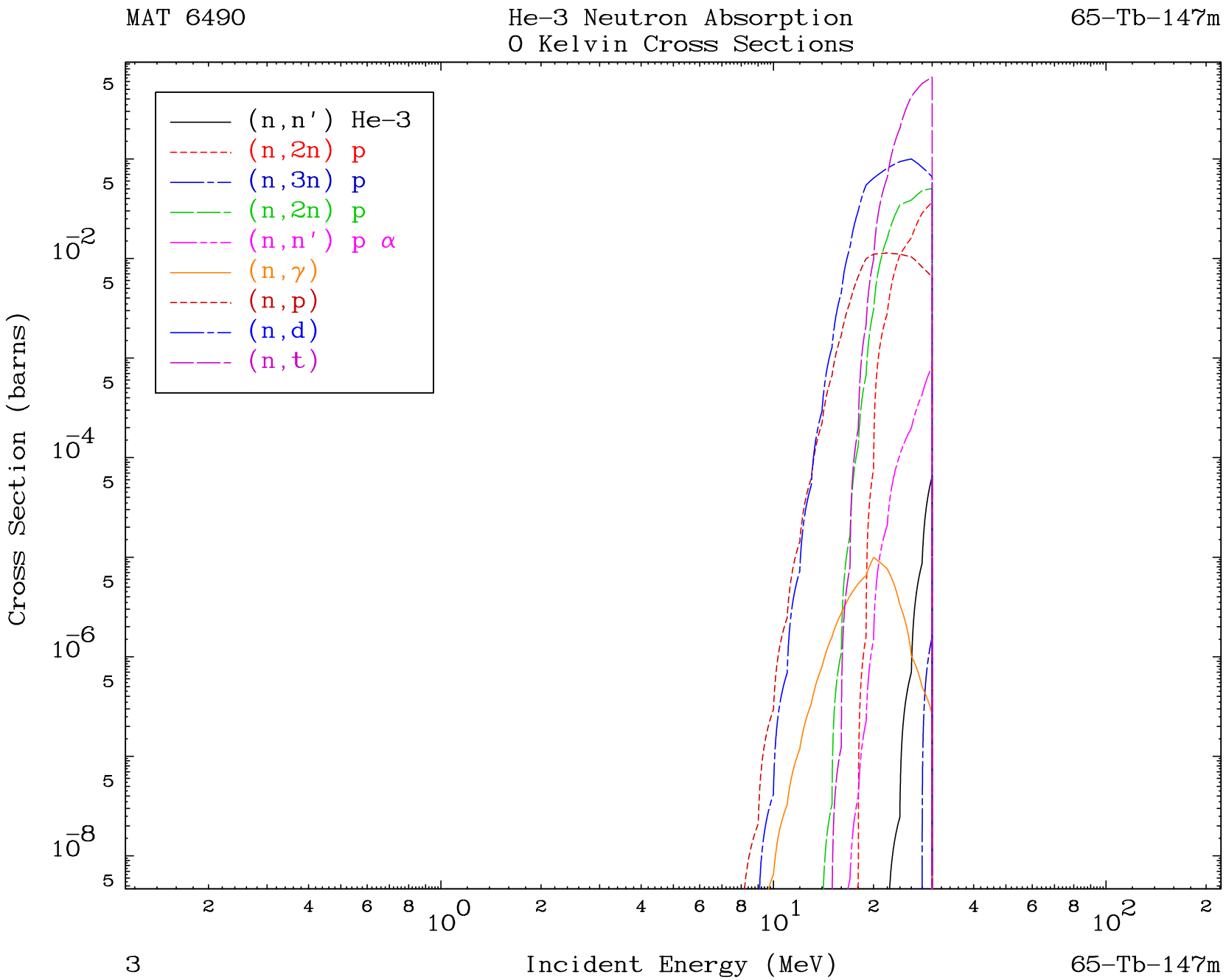
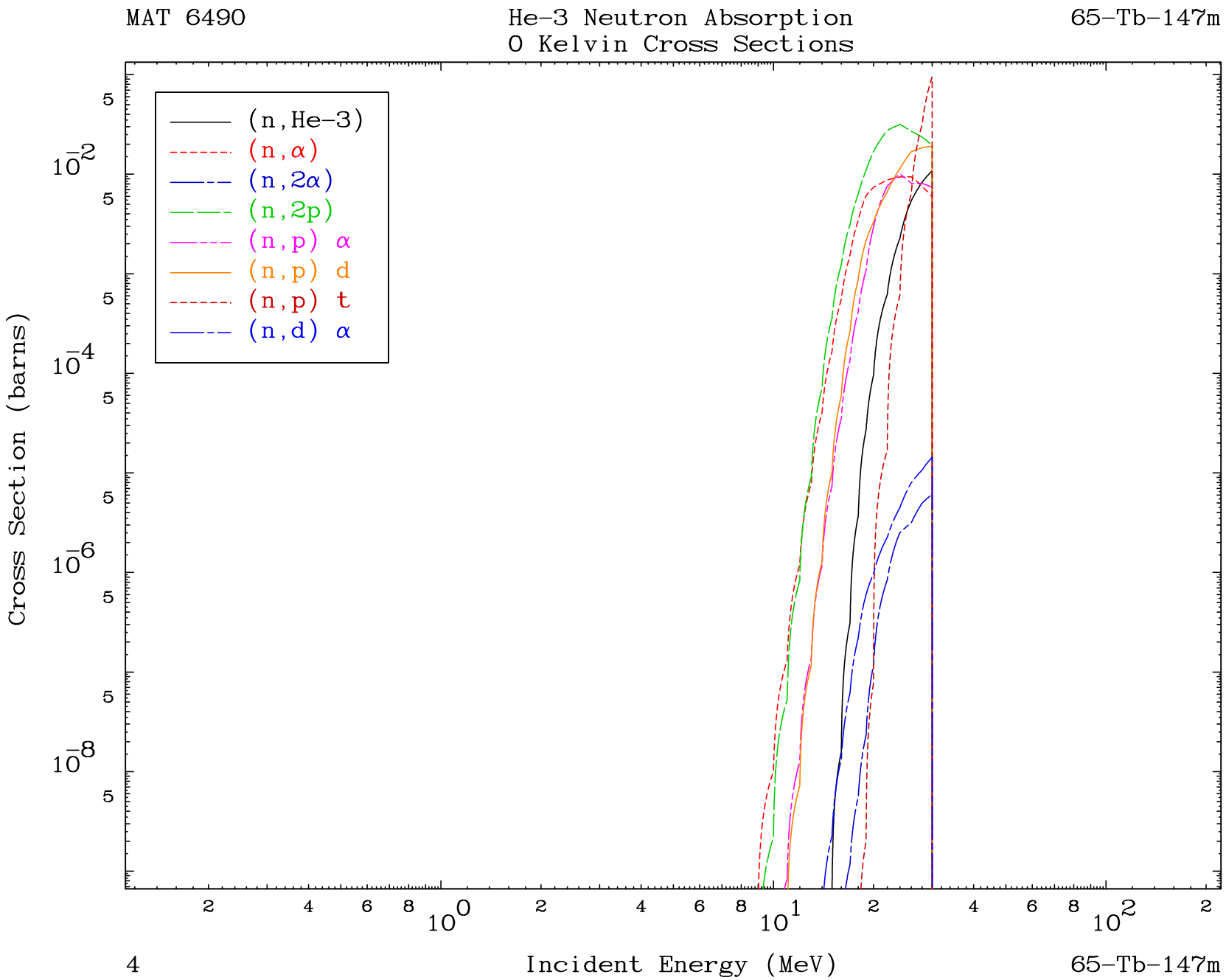
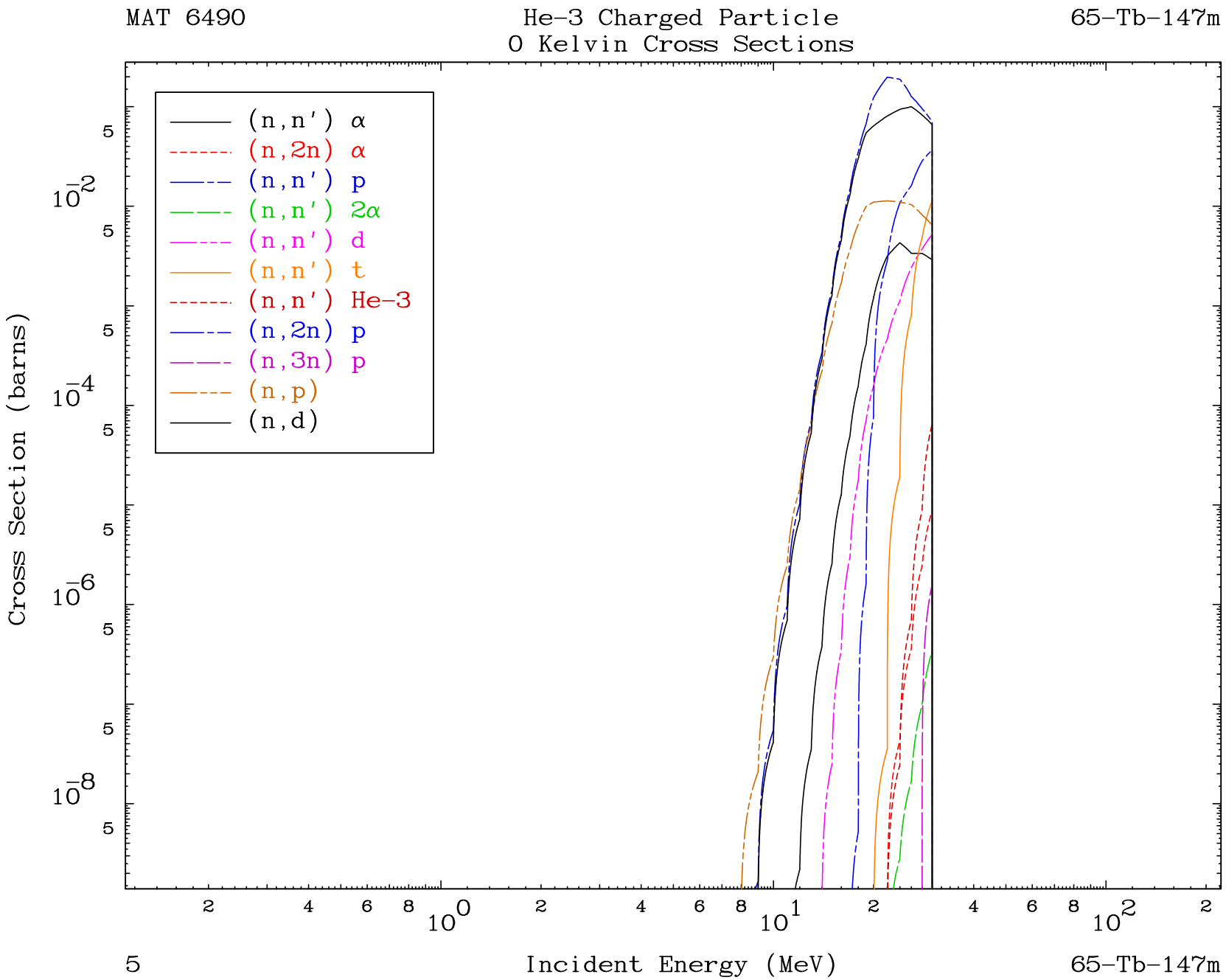
Press Mouse Button to Start

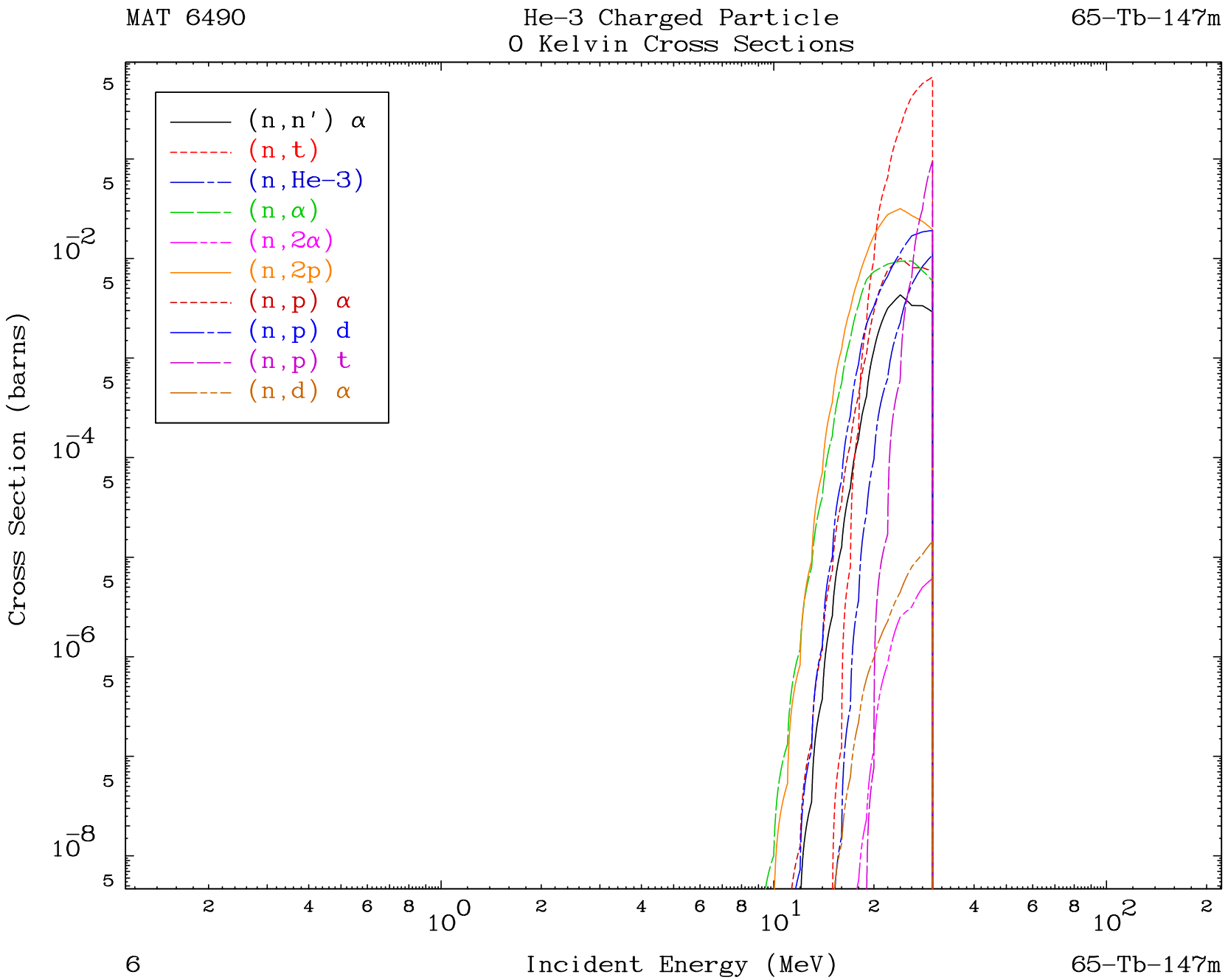

MAT 6490
He-3 Major
65-Tb-147m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-147m

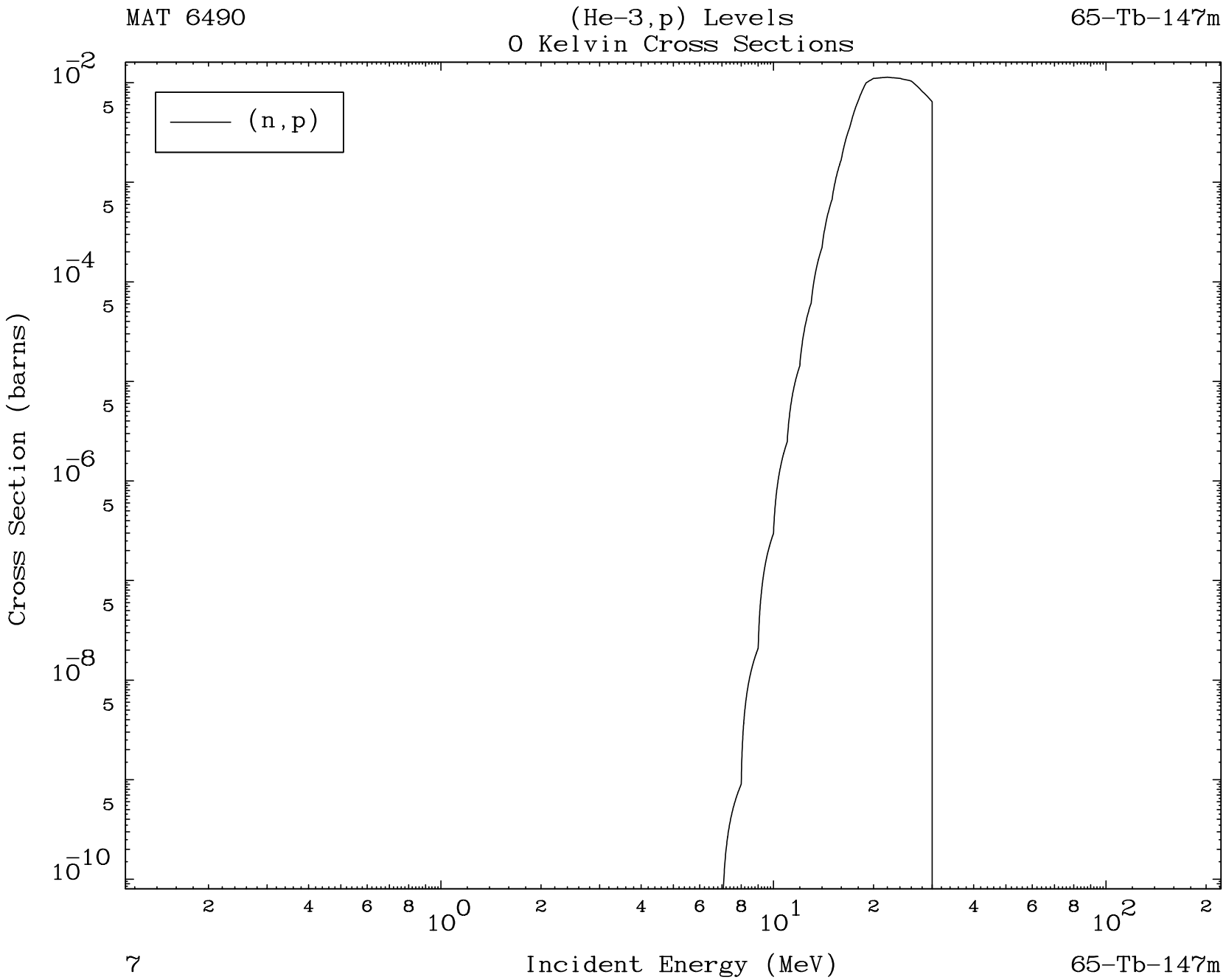

MAT 6490
He-3 Neutron Absorption
0 Kelvin Cross Sections
65-Tb-147m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
65-Tb-147m

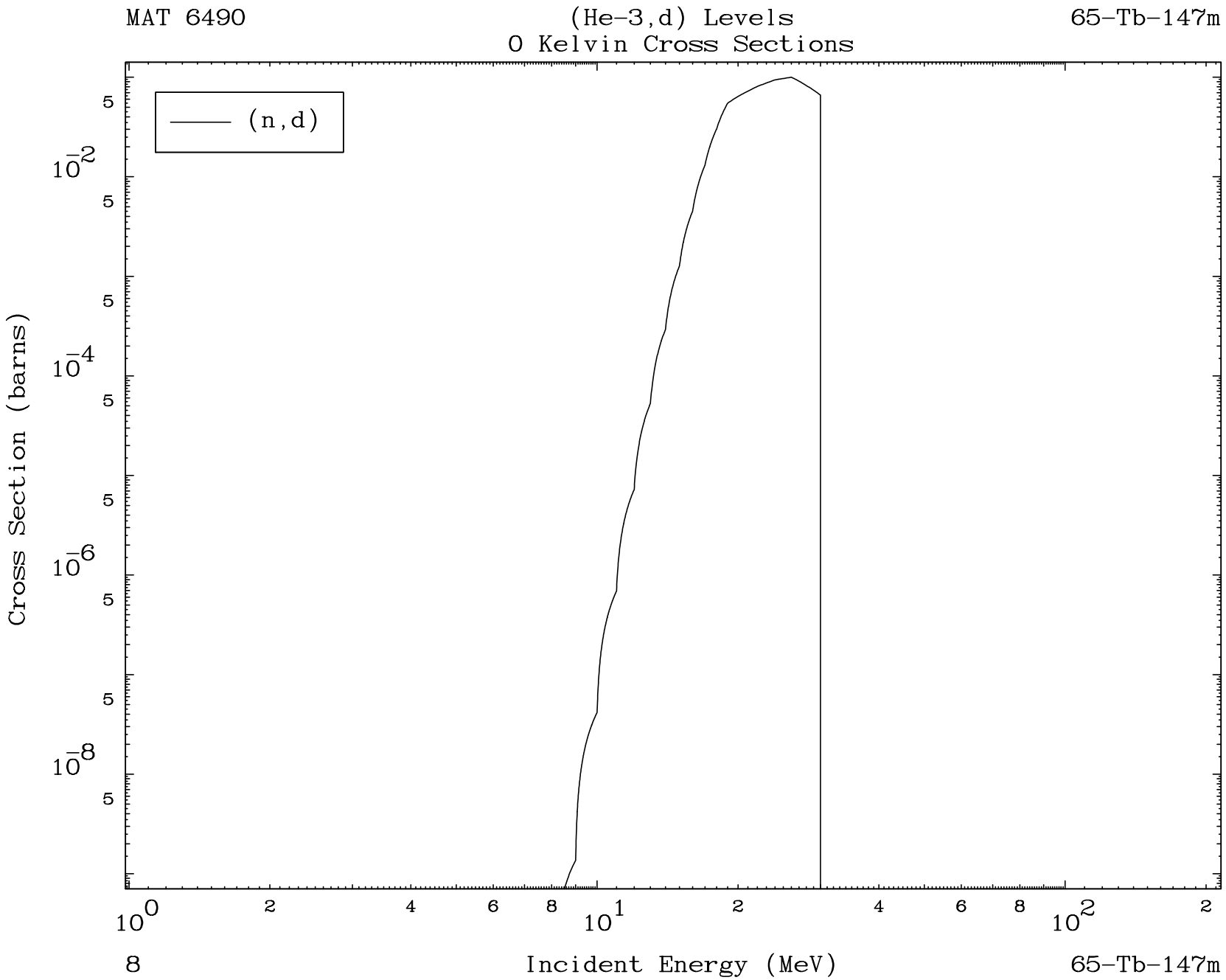

MAT 6490
He-3 Neutron Absorption
0 Kelvin Cross Sections
65-Tb-147m
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
65-Tb-147m

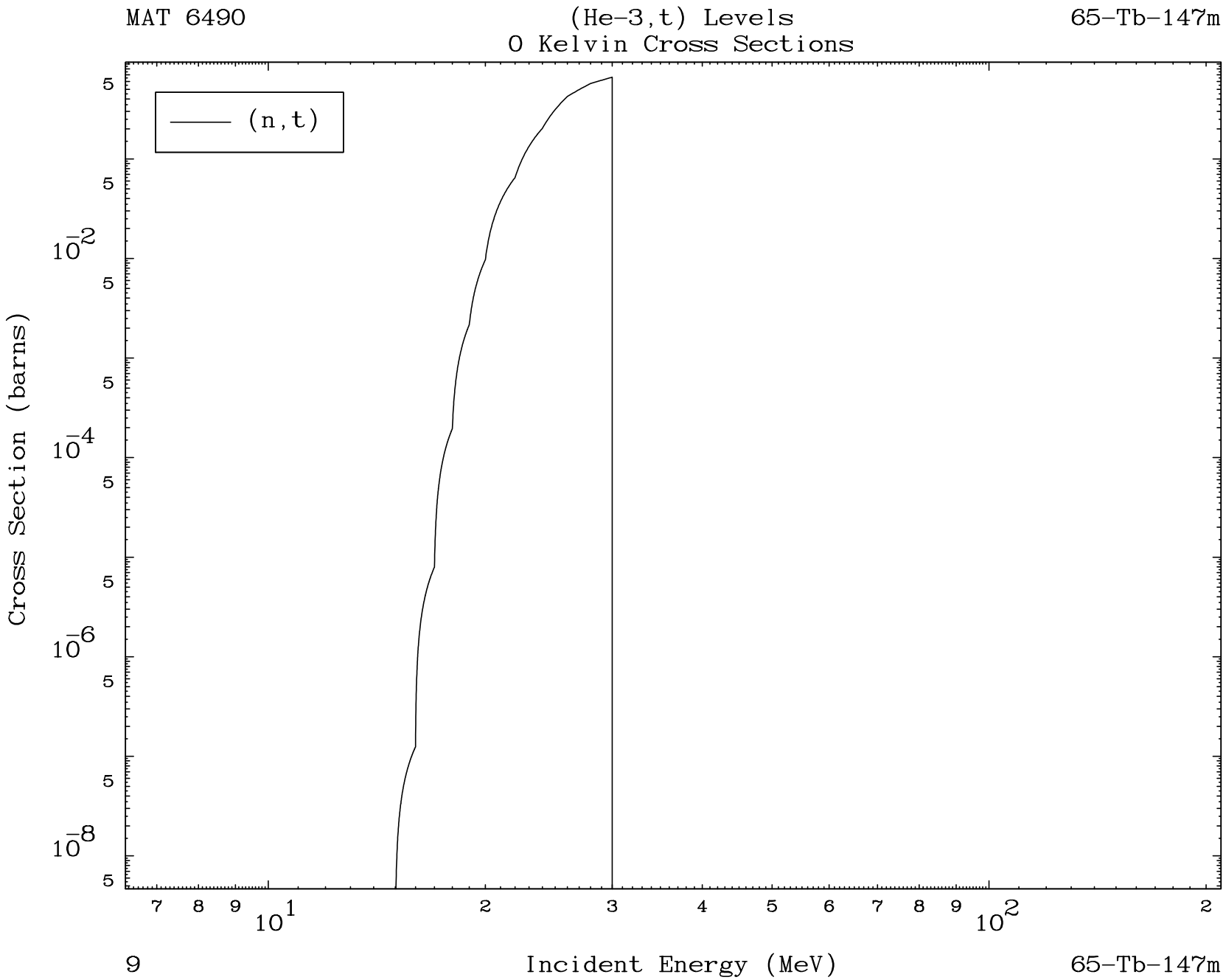

MAT 6490
He-3 Neutron Absorption
0 Kelvin Cross Sections
65-Tb-147m
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
65-Tb-147m

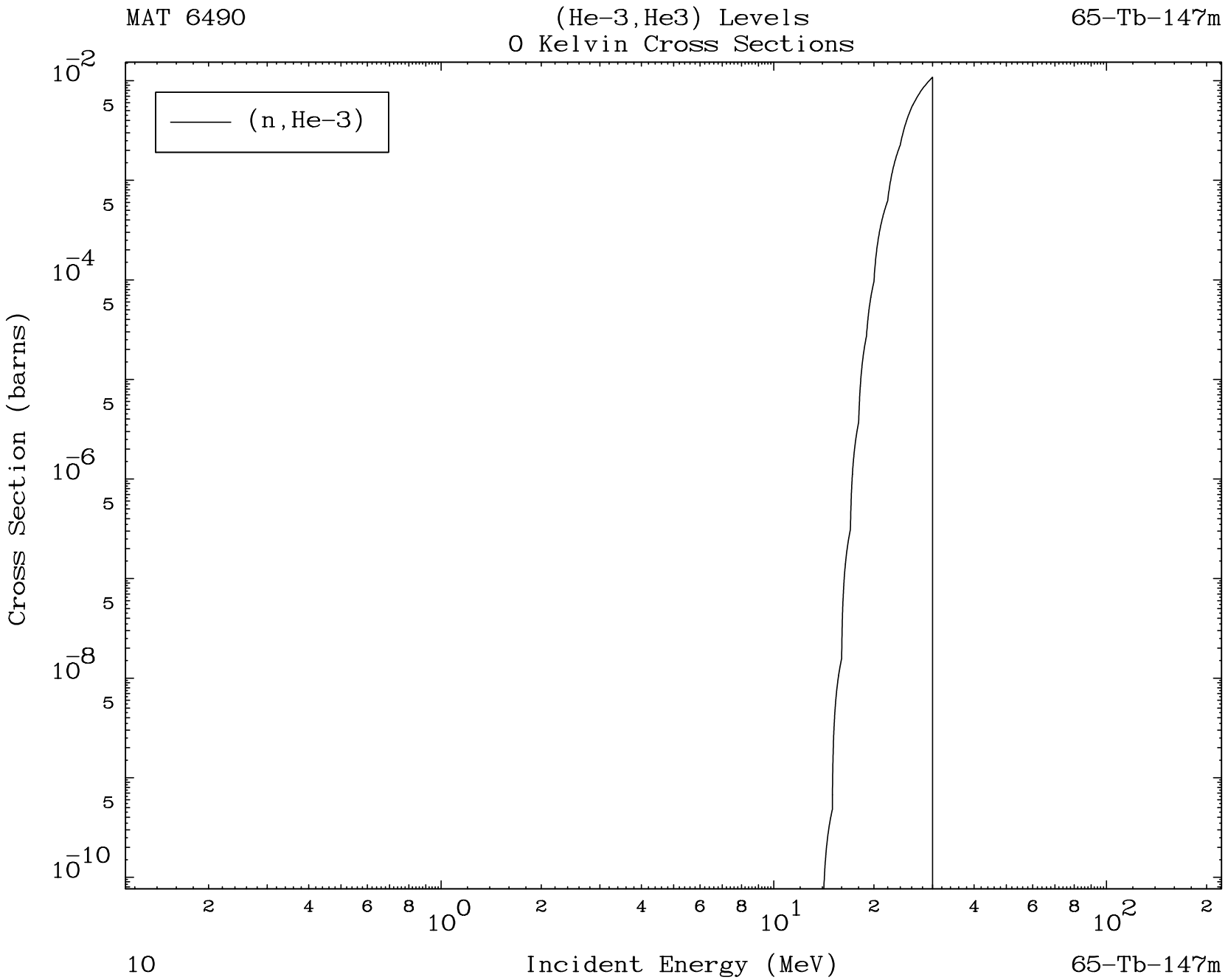

MAT 6490
He-3 Charged Particle
0 Kelvin Cross Sections
65-Tb-147m
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-147m
5

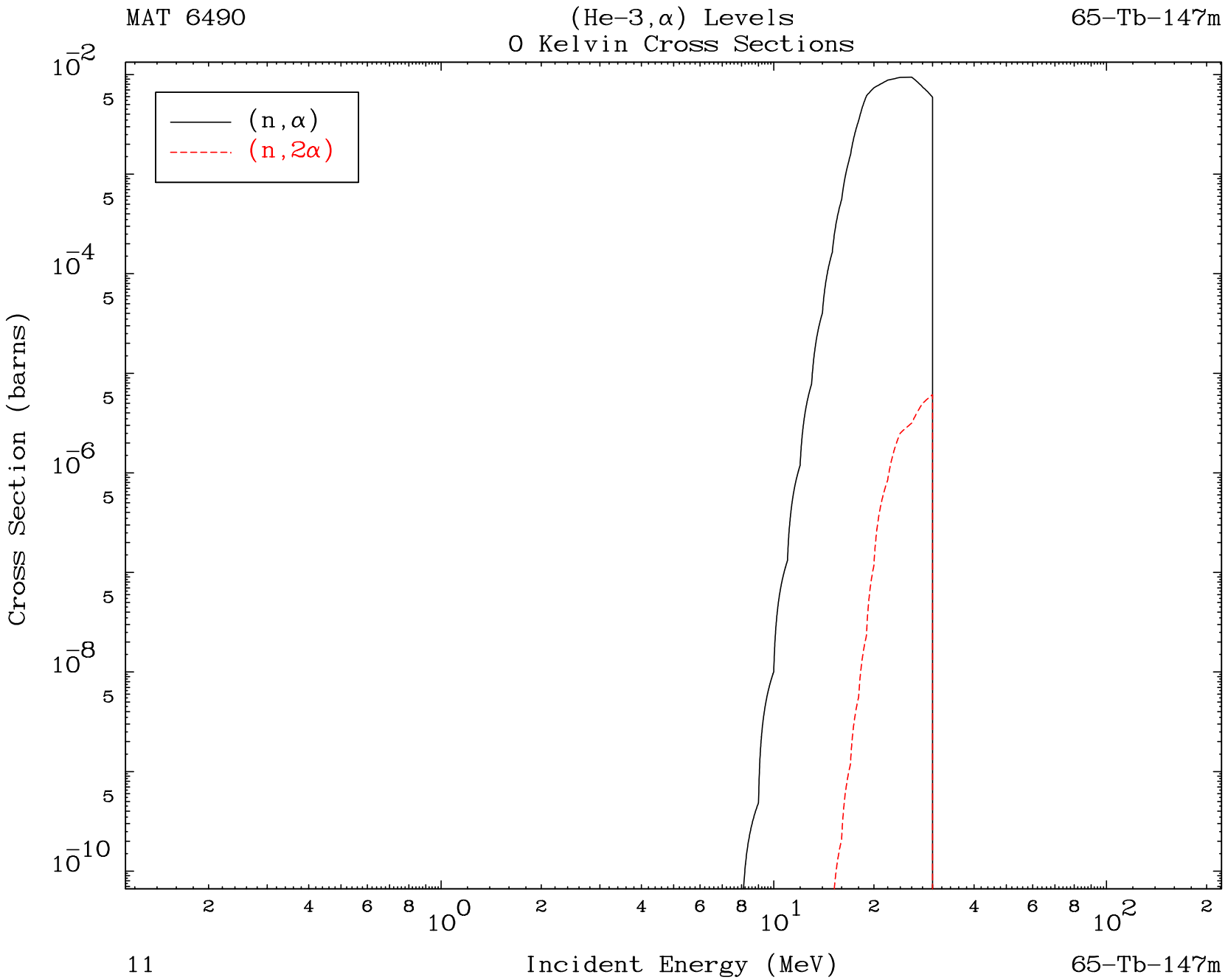

MAT 6490
He-3 Charged Particle
0 Kelvin Cross Sections
65-Tb-147m
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
65-Tb-147m

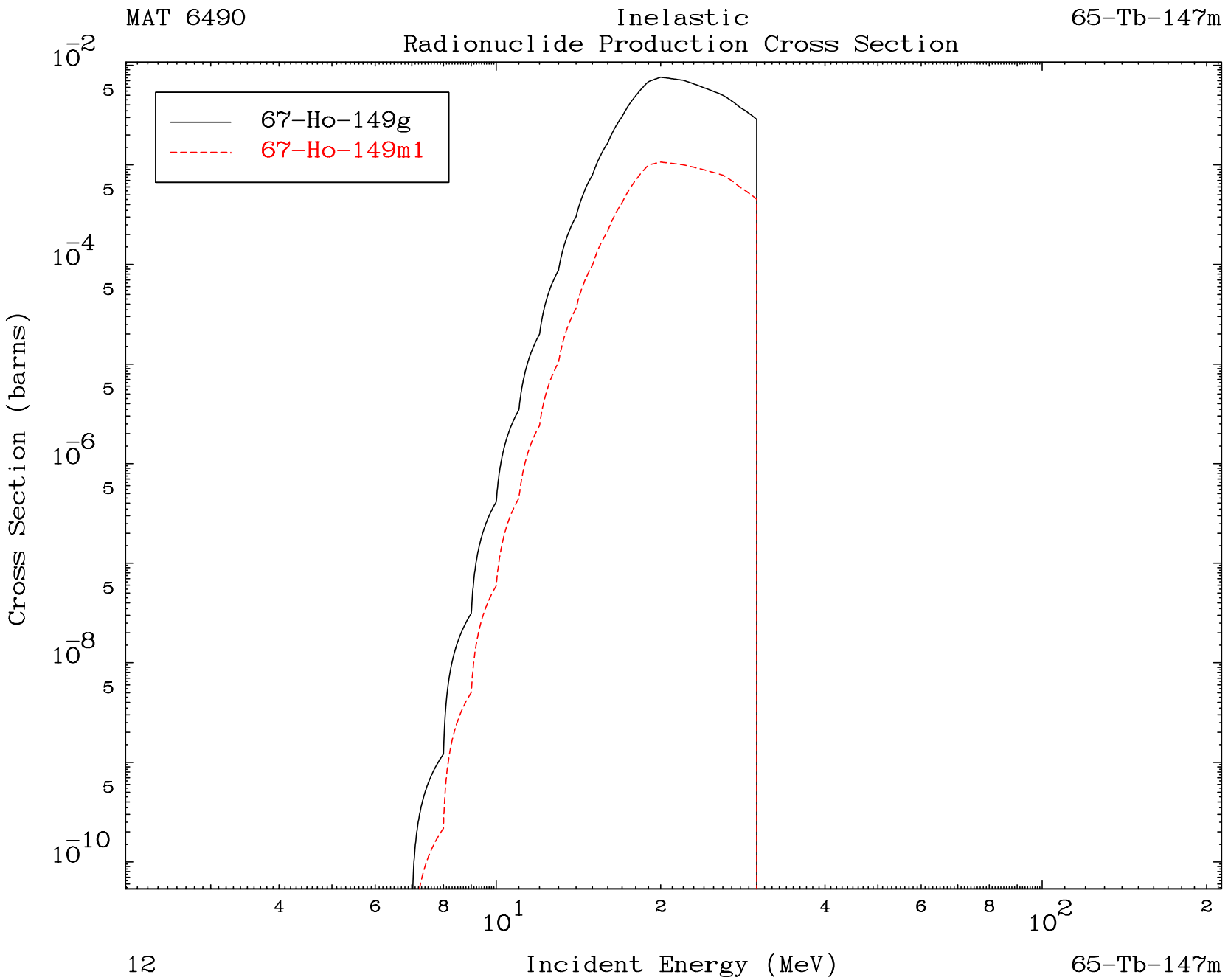

MAT 6490
(He-3,p) Levels
0 Kelvin Cross Sections
65-Tb-147m
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
65-Tb-147m

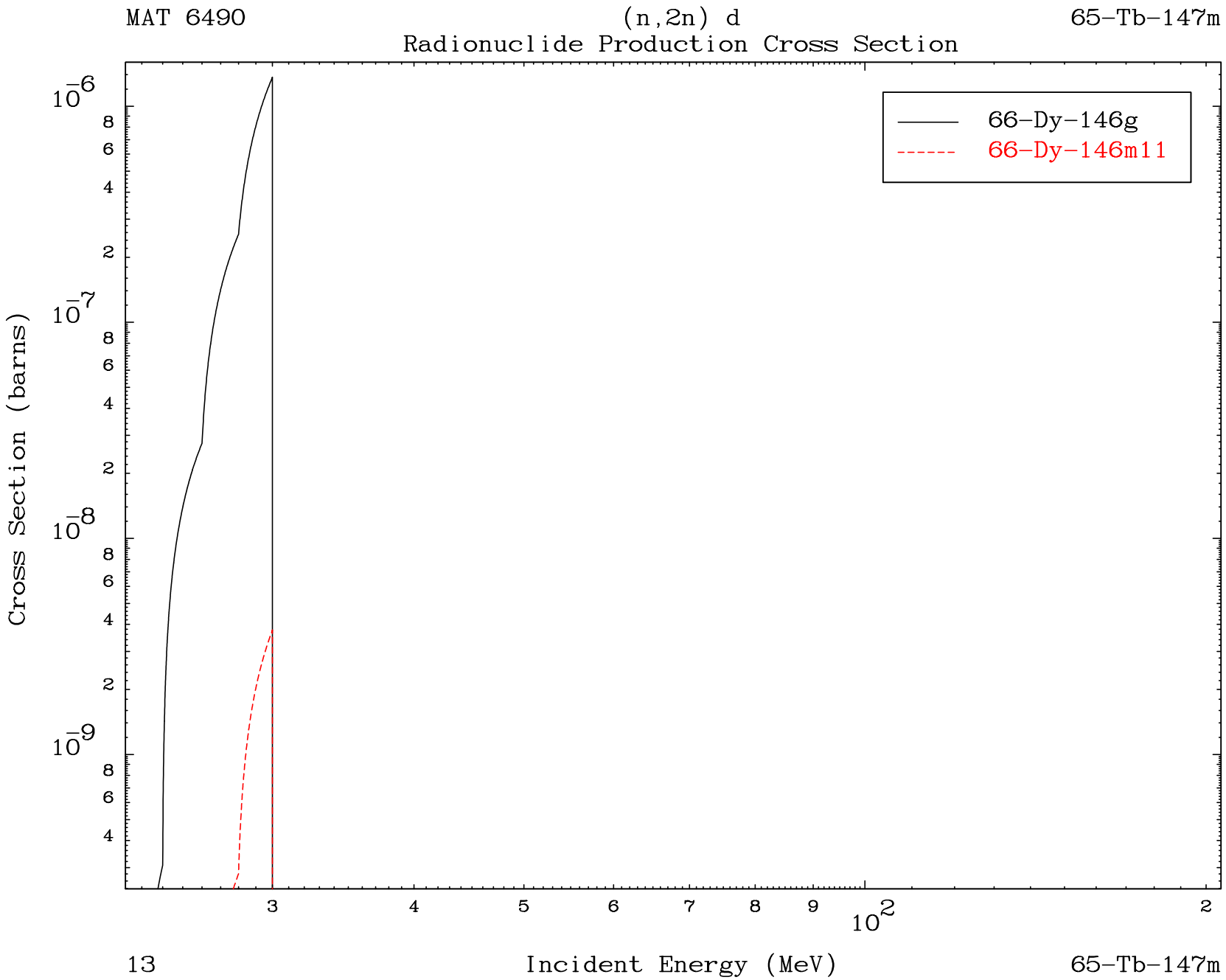

MAT 6490
(He-3,d) Levels
65-Tb-147m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
65-Tb-147m

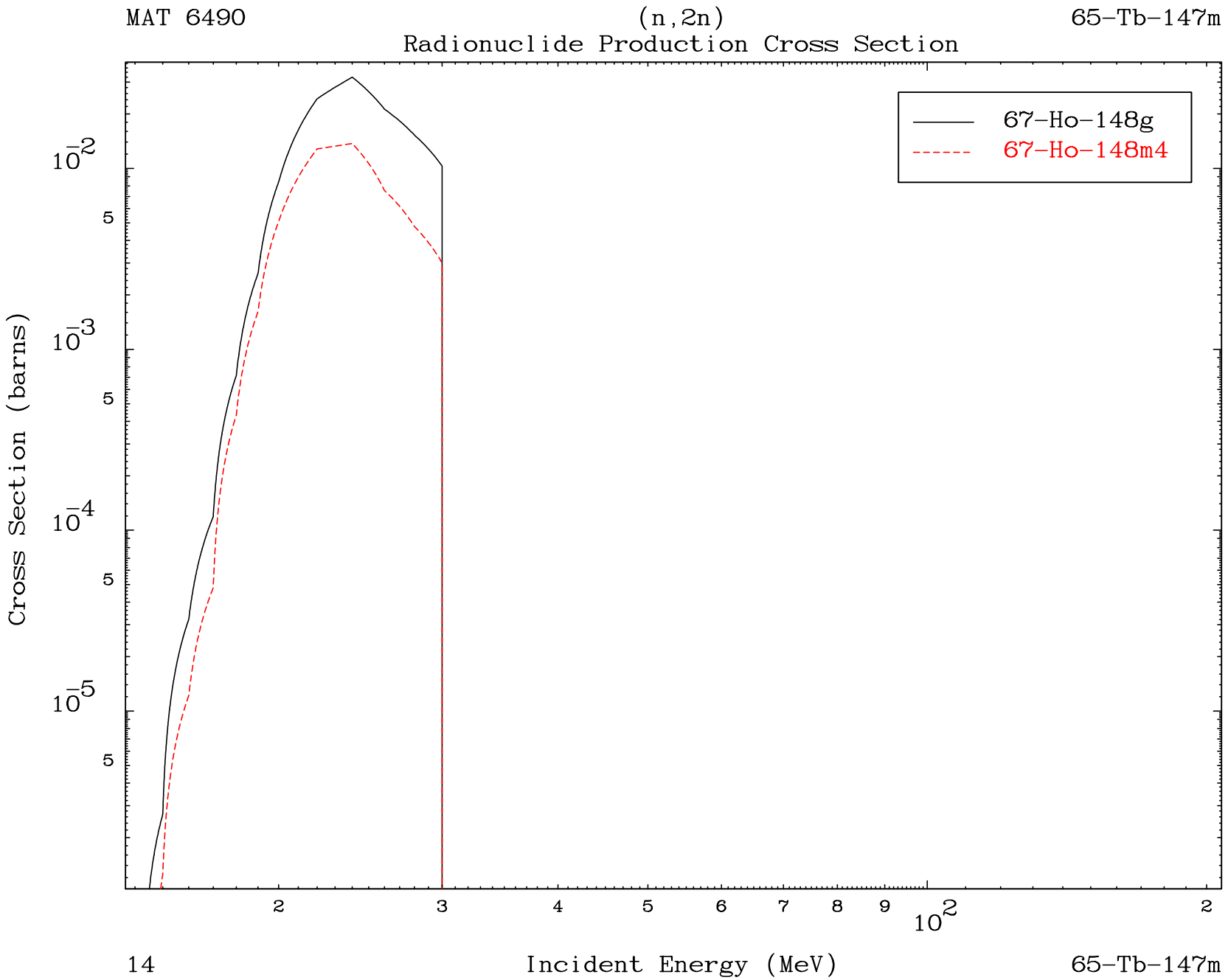

MAT 6490
(He-3,t) Levels
65-Tb-147m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-147m
9

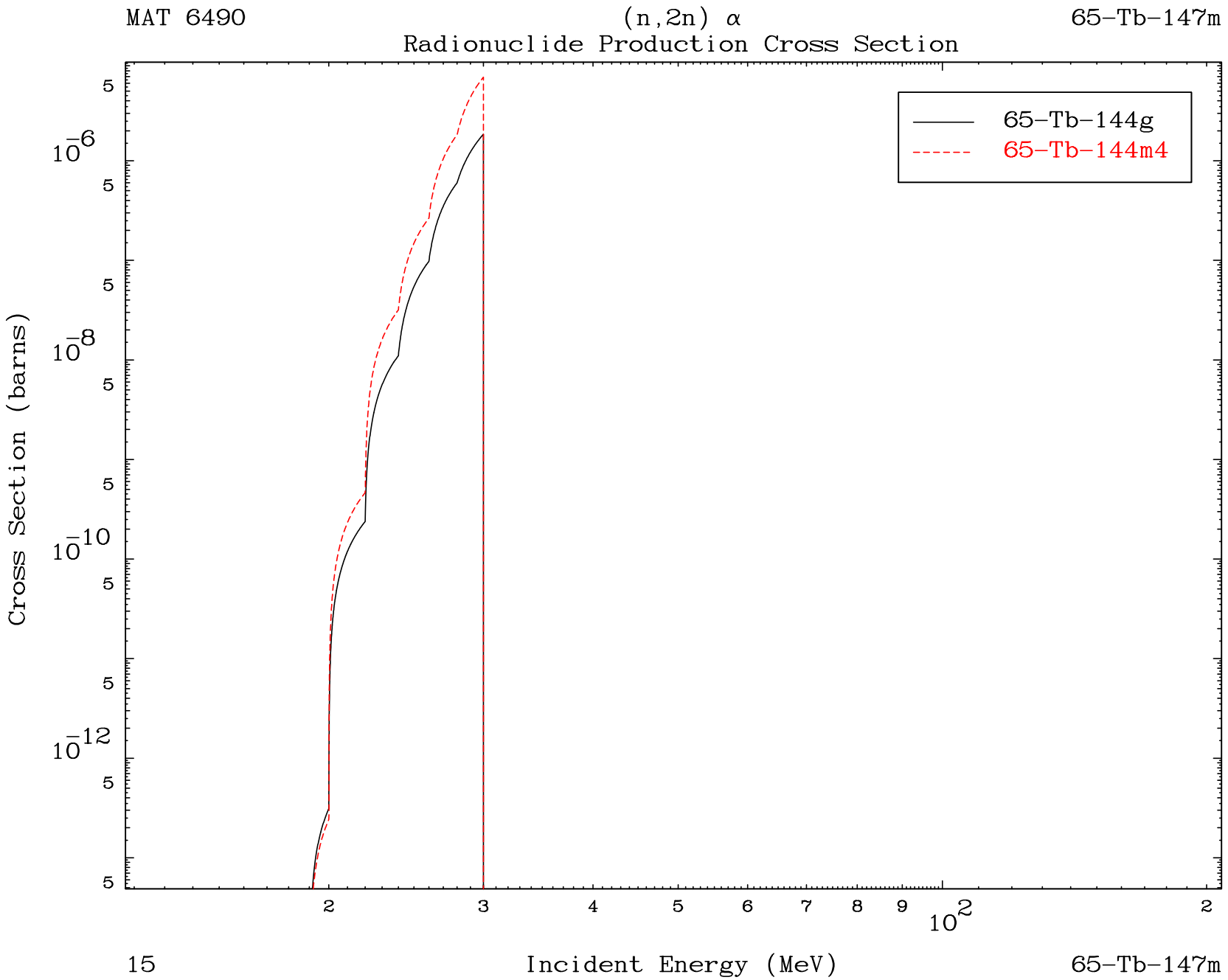

MAT 6490
(He-3,He3) Levels
65-Tb-147m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-147m

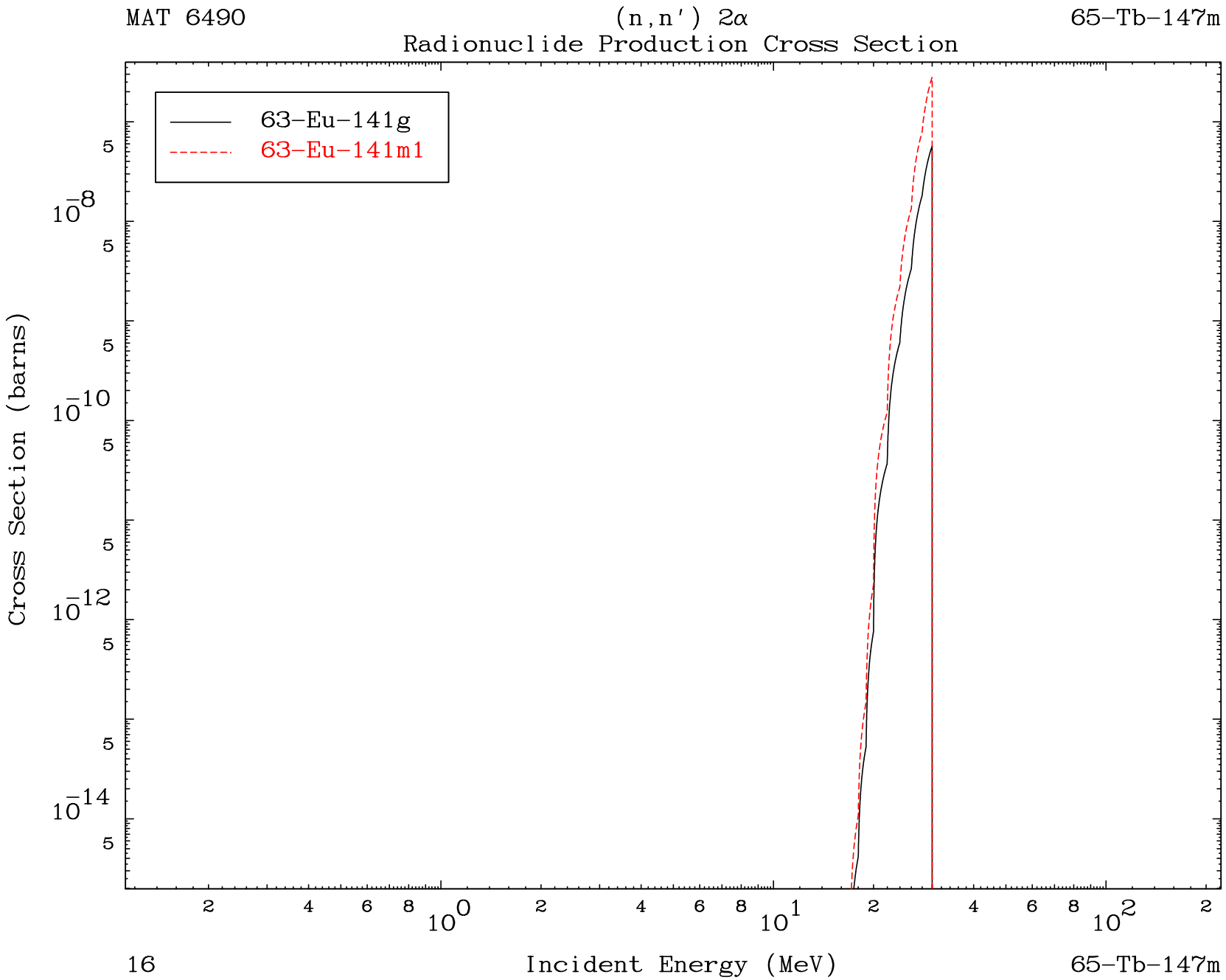

MAT 6490
(He-3,α) Levels
0 Kelvin Cross Sections
65-Tb-147m
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
65-Tb-147m

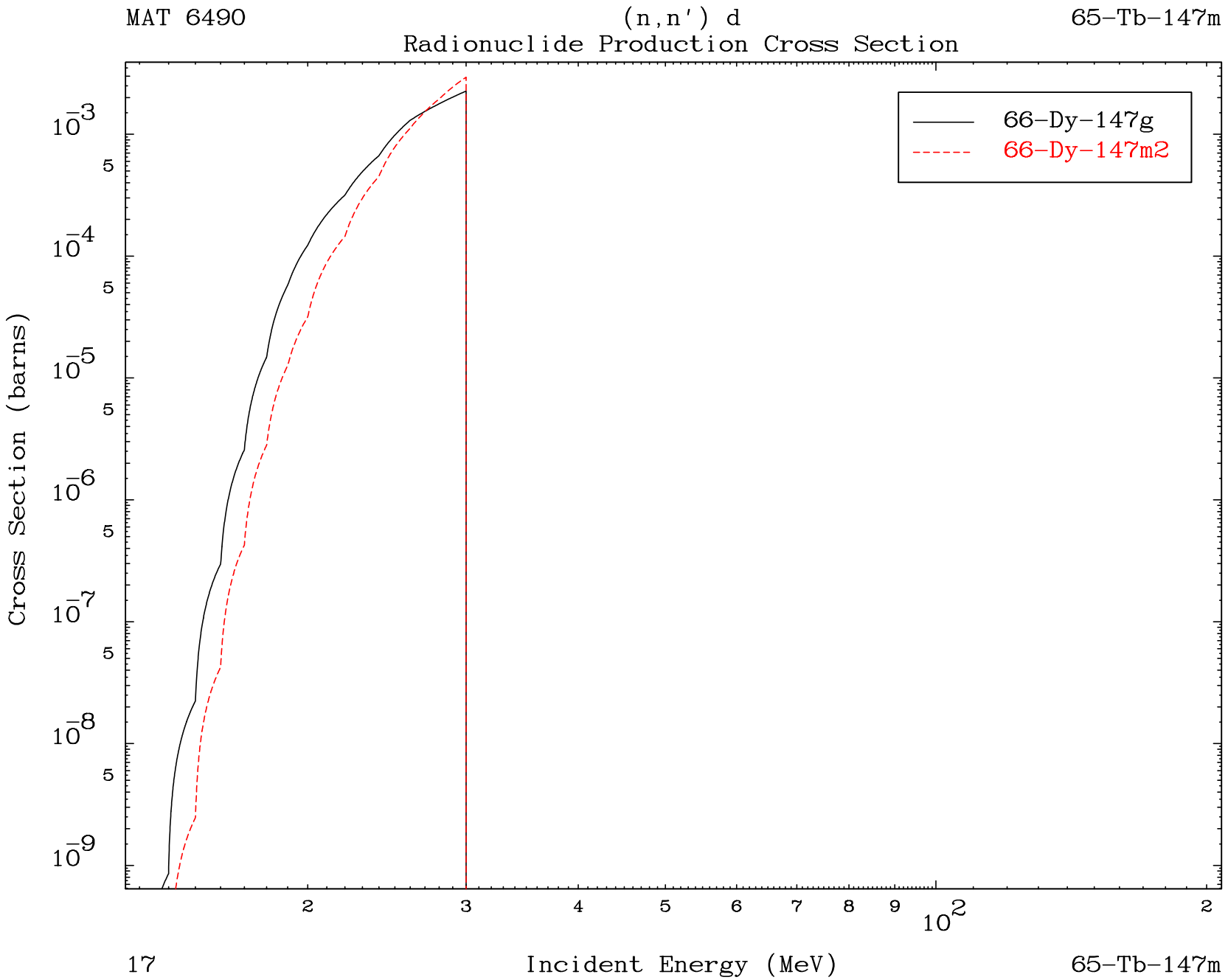

MAT 6490
Inelastic
65-Tb-147m
Radionuclide Production Cross Section
67-Ho-149g
67-Ho-149m1
Cross Section (barns)
Incident Energy (MeV)
12
65-Tb-147m

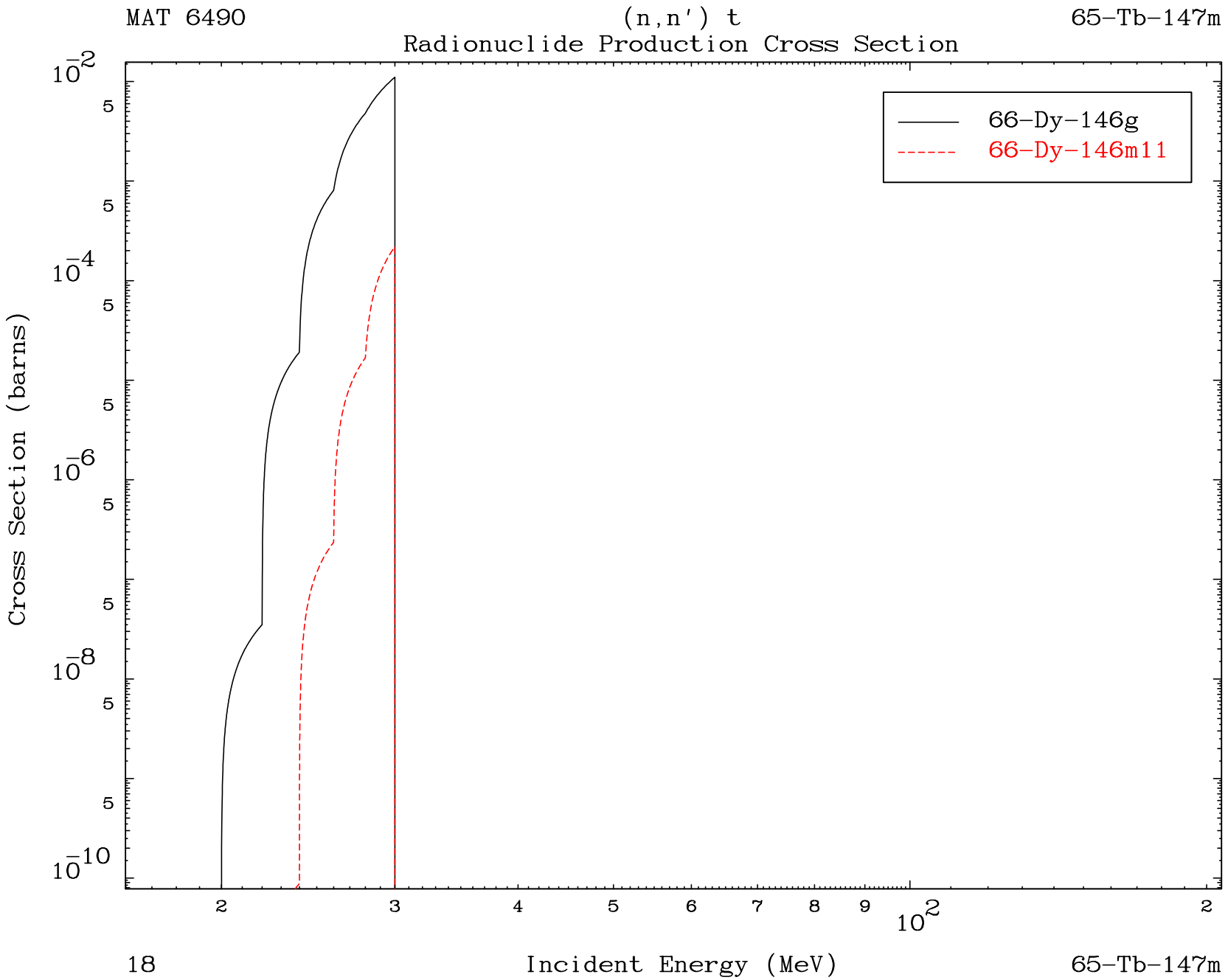

MAT 6490
(n,2n) d
65-Tb-147m
Radionuclide Production Cross Section
66-Dy-146g
66-Dy-146m11
Cross Section (barns)
Incident Energy (MeV)
13
65-Tb-147m

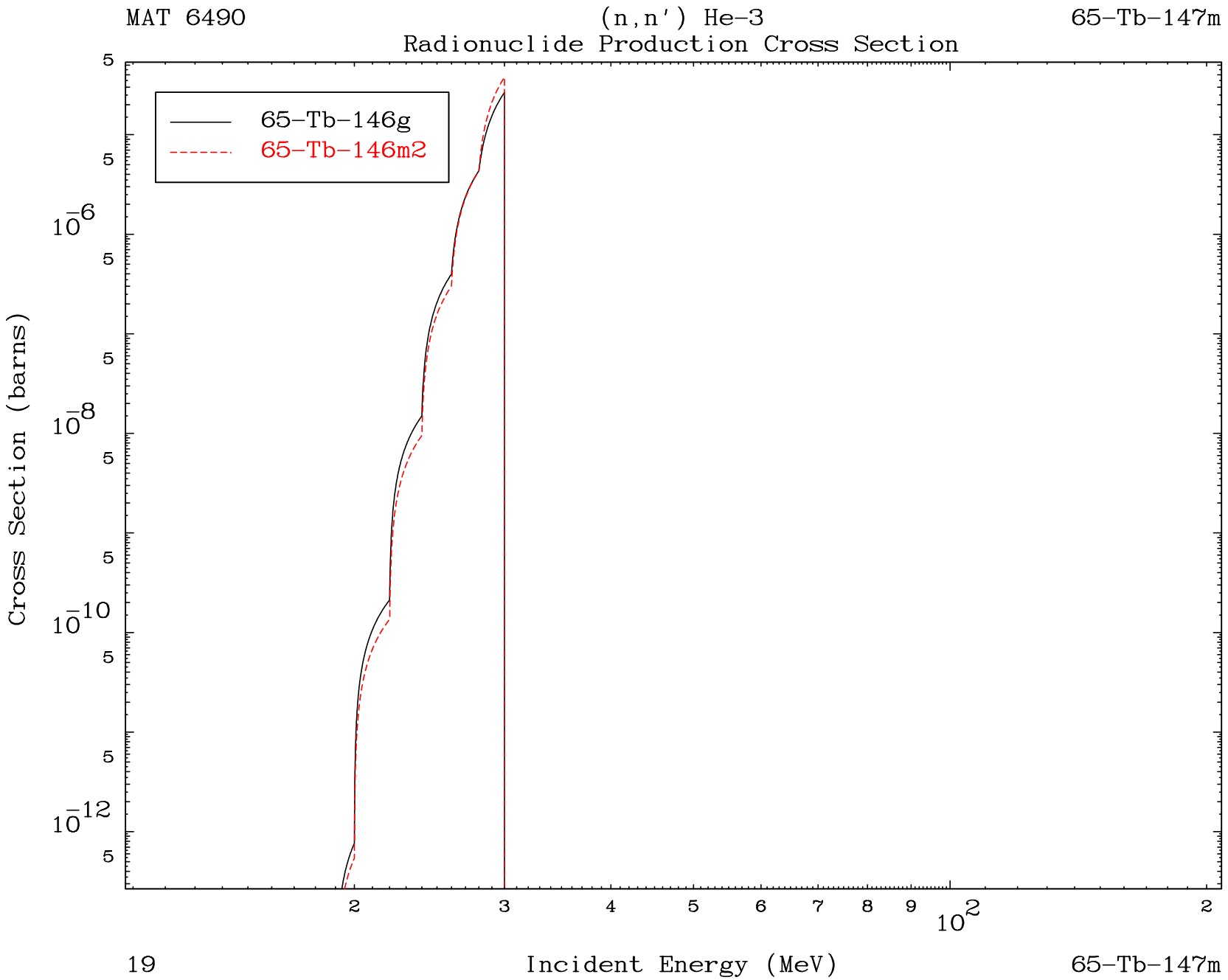

MAT 6490
(n,2n)
65-Tb-147m
Radionuclide Production Cross Section
67-Ho-148g
67-Ho-148m4
Cross Section (barns)
10-2
5
10-3
5
10-4
5
10-5
5
2
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
65-Tb-147m

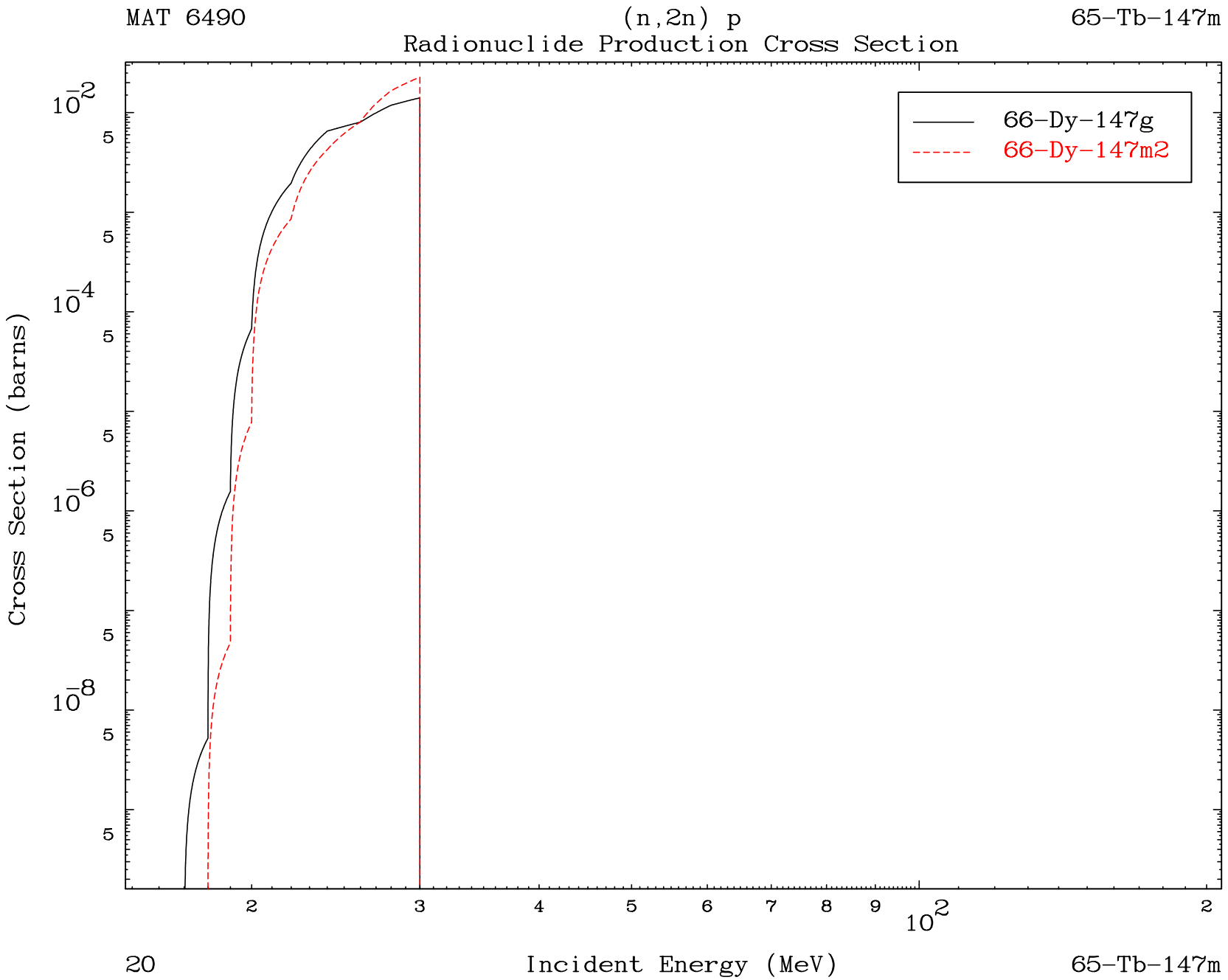

MAT 6490
(n,2n) α
65-Tb-147m
Radionuclide Production Cross Section
65-Tb-144g
65-Tb-144m4
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
65-Tb-147m

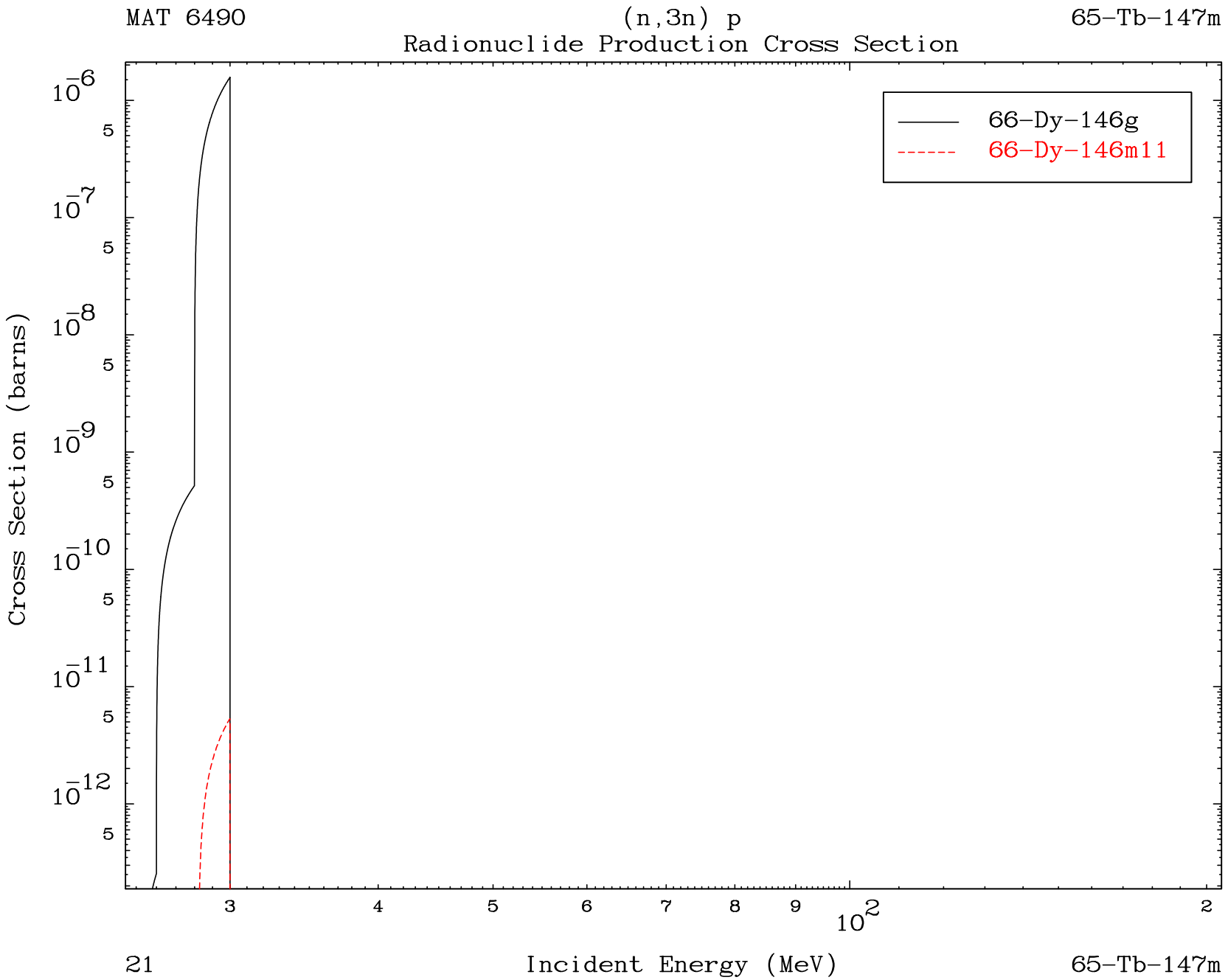

MAT 6490
(n,n') 2α
65-Tb-147m
Radionuclide Production Cross Section
63-Eu-141g
63-Eu-141m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
100
101
102
2
4
6
8
16
Incident Energy (MeV)
65-Tb-147m

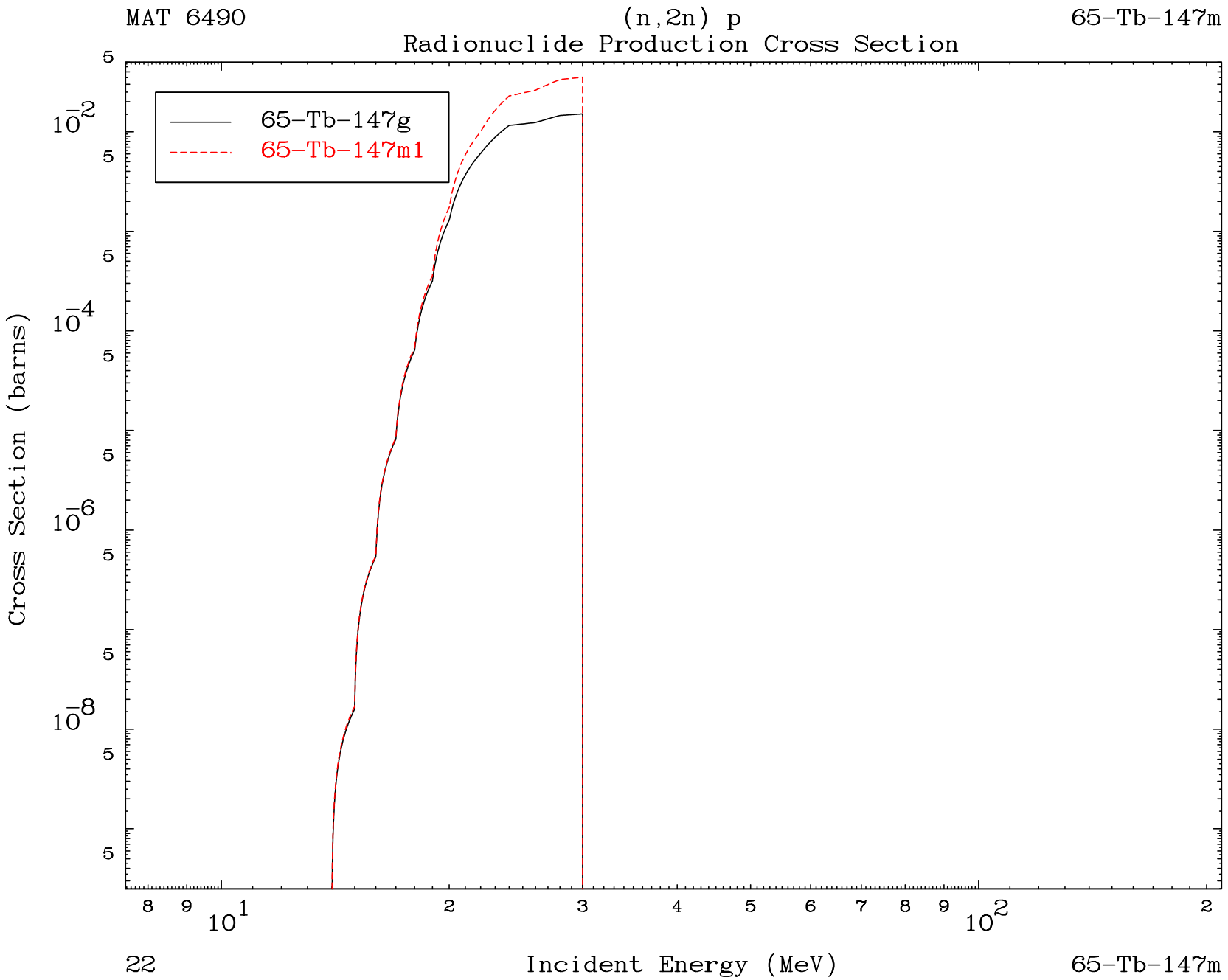

MAT 6490
(n,n') d
65-Tb-147m
Radionuclide Production Cross Section
66-Dy-147g
66-Dy-147m2
Cross Section (barns)
10-3
10-4
10-5
10-6
10-7
10-8
10-9
2
3
4
5
6
7
8
9
10 2
2
17
Incident Energy (MeV)
65-Tb-147m

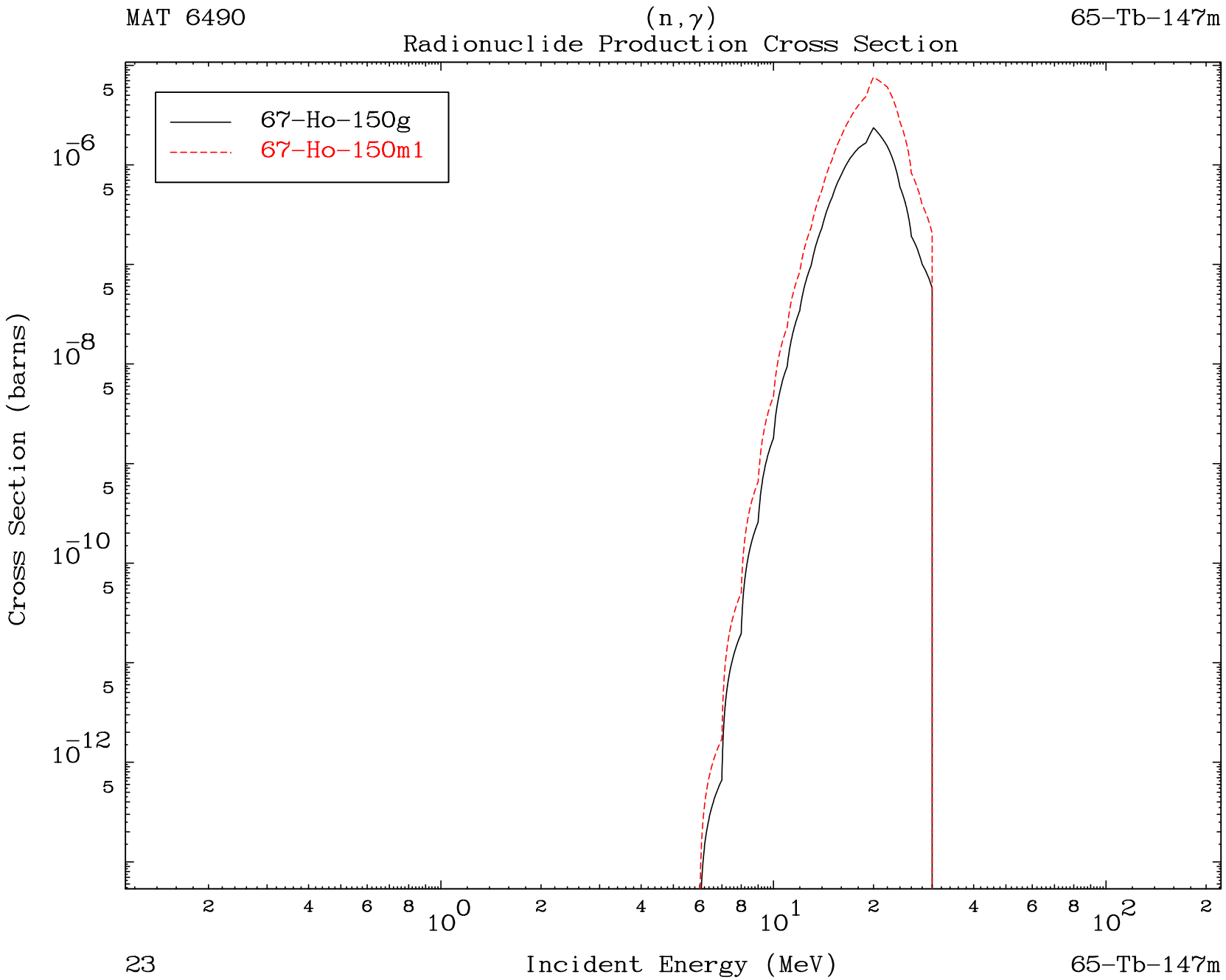

MAT 6490
(n,n') t
65-Tb-147m
Radionuclide Production Cross Section
66-Dy-146g
66-Dy-146m11
Cross Section (barns)
Incident Energy (MeV)
18
65-Tb-147m

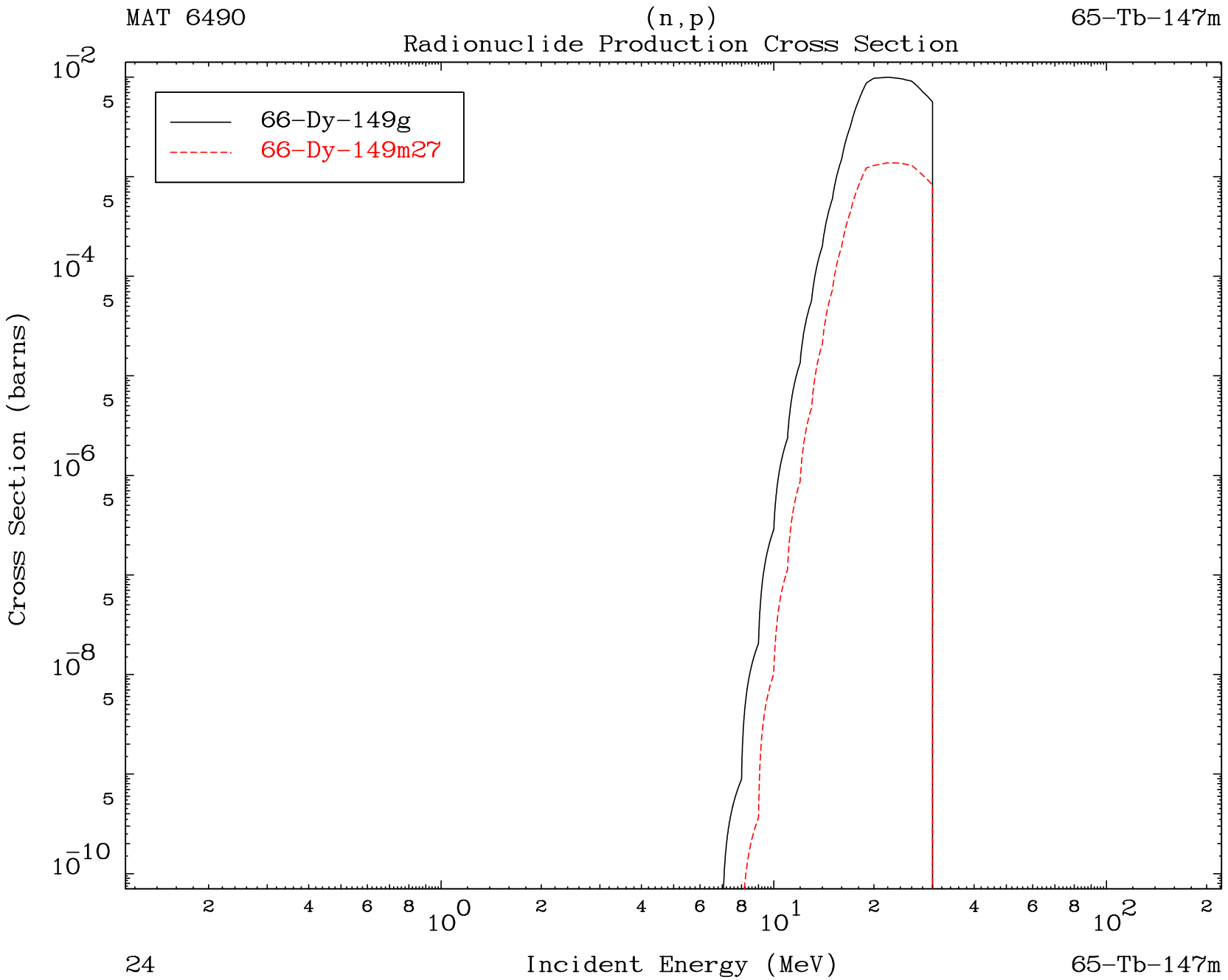

MAT 6490
(n,n') He-3
65-Tb-147m
Radionuclide Production Cross Section
65-Tb-146g
65-Tb-146m2
Cross Section (barns)
Incident Energy (MeV)
19
65-Tb-147m

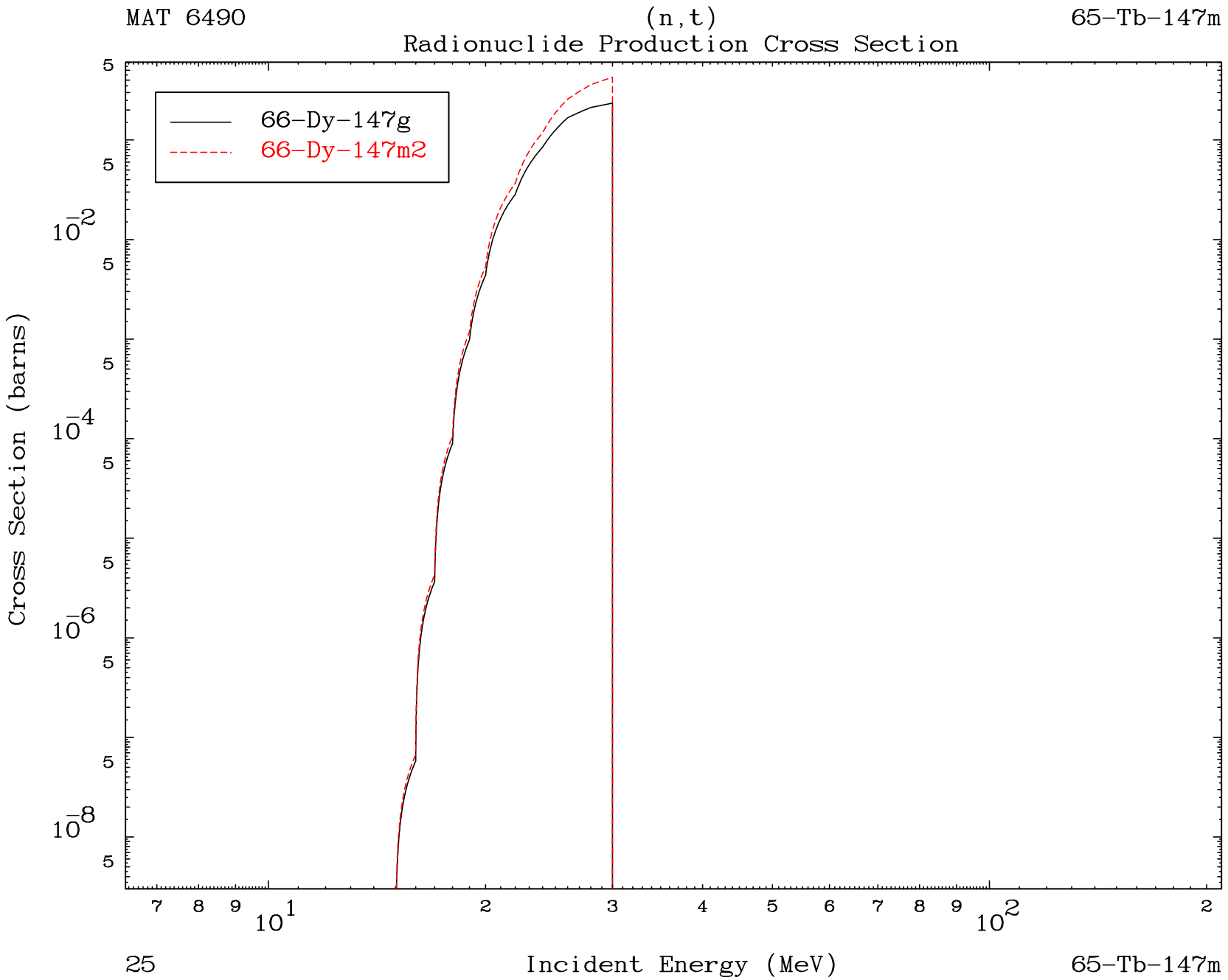

MAT 6490
(n,2n) p
65-Tb-147m
Radionuclide Production Cross Section
66-Dy-147g
66-Dy-147m2
Cross Section (barns)
Incident Energy (MeV)
20
65-Tb-147m

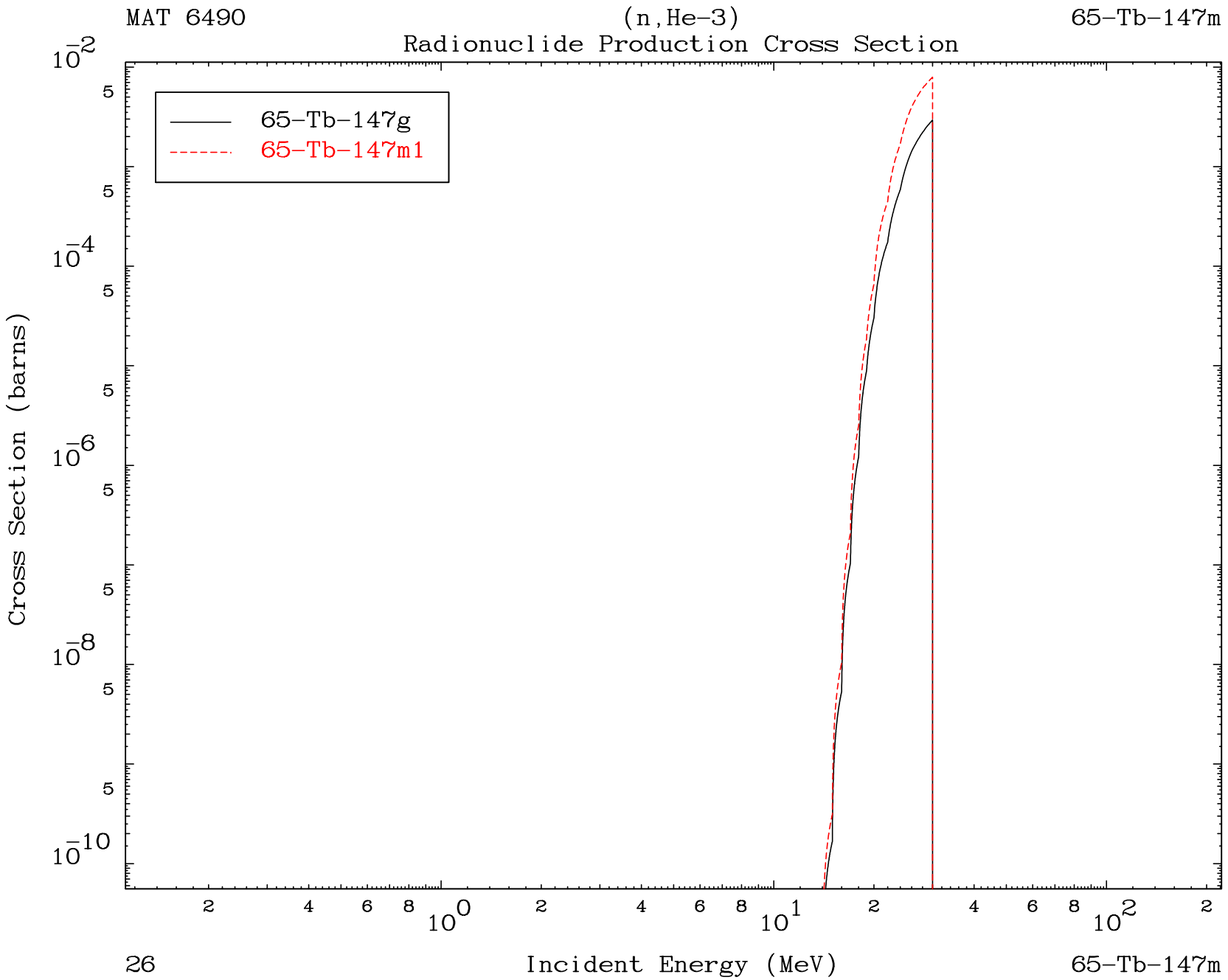

MAT 6490
(n,3n) p
65-Tb-147m
Radionuclide Production Cross Section
66-Dy-146g
66-Dy-146m11
Cross Section (barns)
Incident Energy (MeV)
21
65-Tb-147m

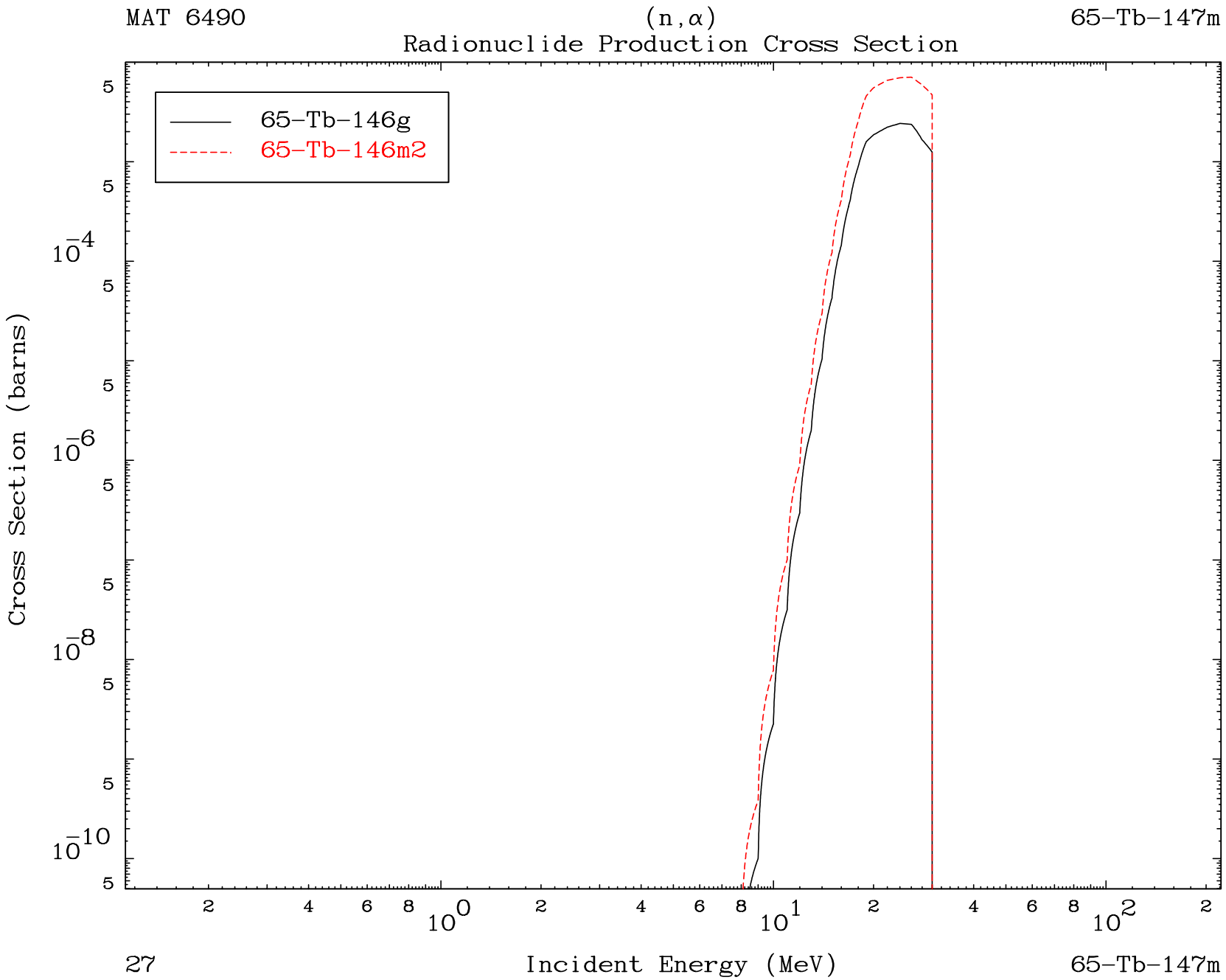

MAT 6490
(n,2n) p
65-Tb-147m
Radionuclide Production Cross Section
65-Tb-147g
65-Tb-147m1
Cross Section (barns)
Incident Energy (MeV)
22
65-Tb-147m

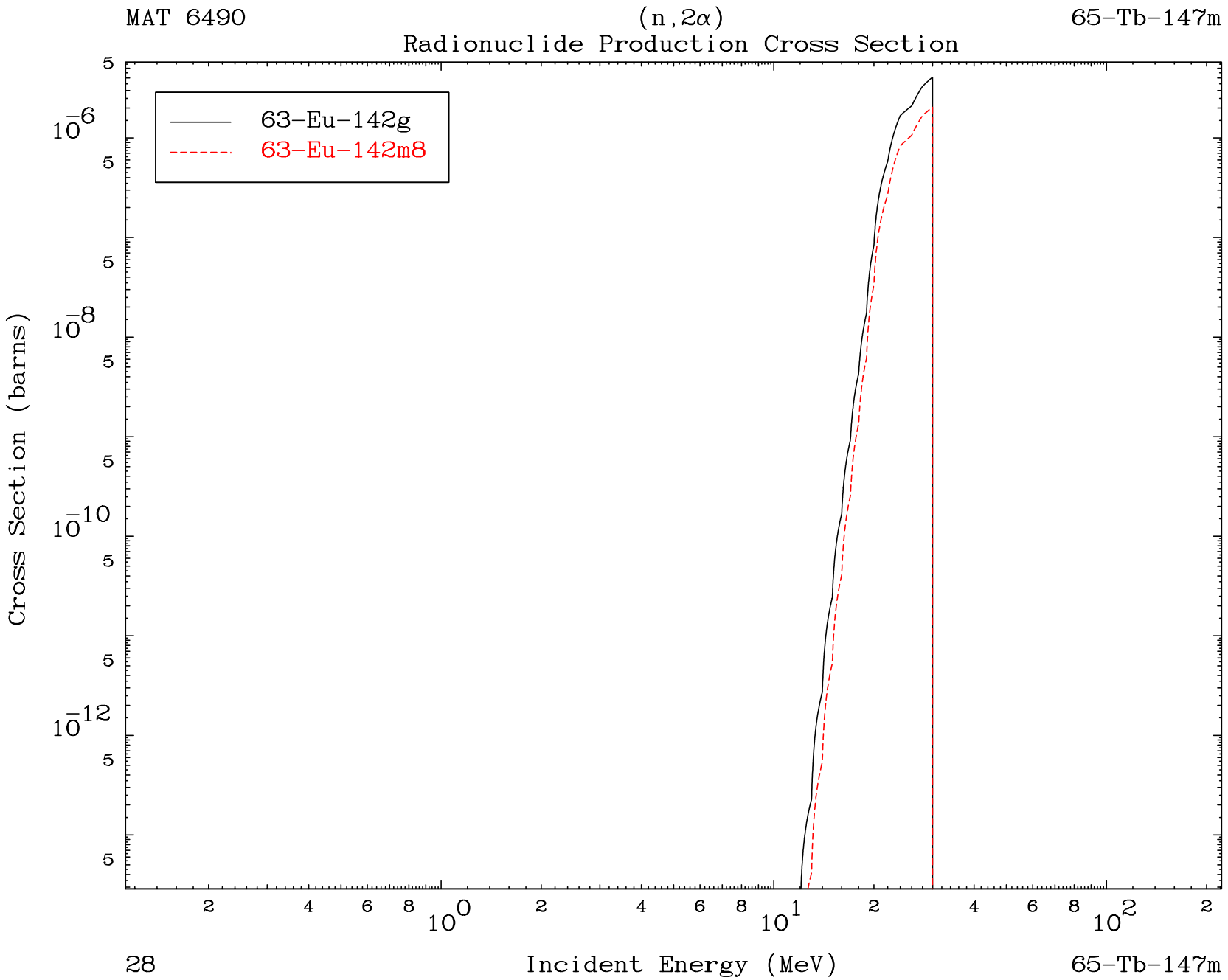

MAT 6490
(n,γ)
65-Tb-147m
Radionuclide Production Cross Section
67-Ho-150g
67-Ho-150m1
Cross Section (barns)
Incident Energy (MeV)
23
65-Tb-147m

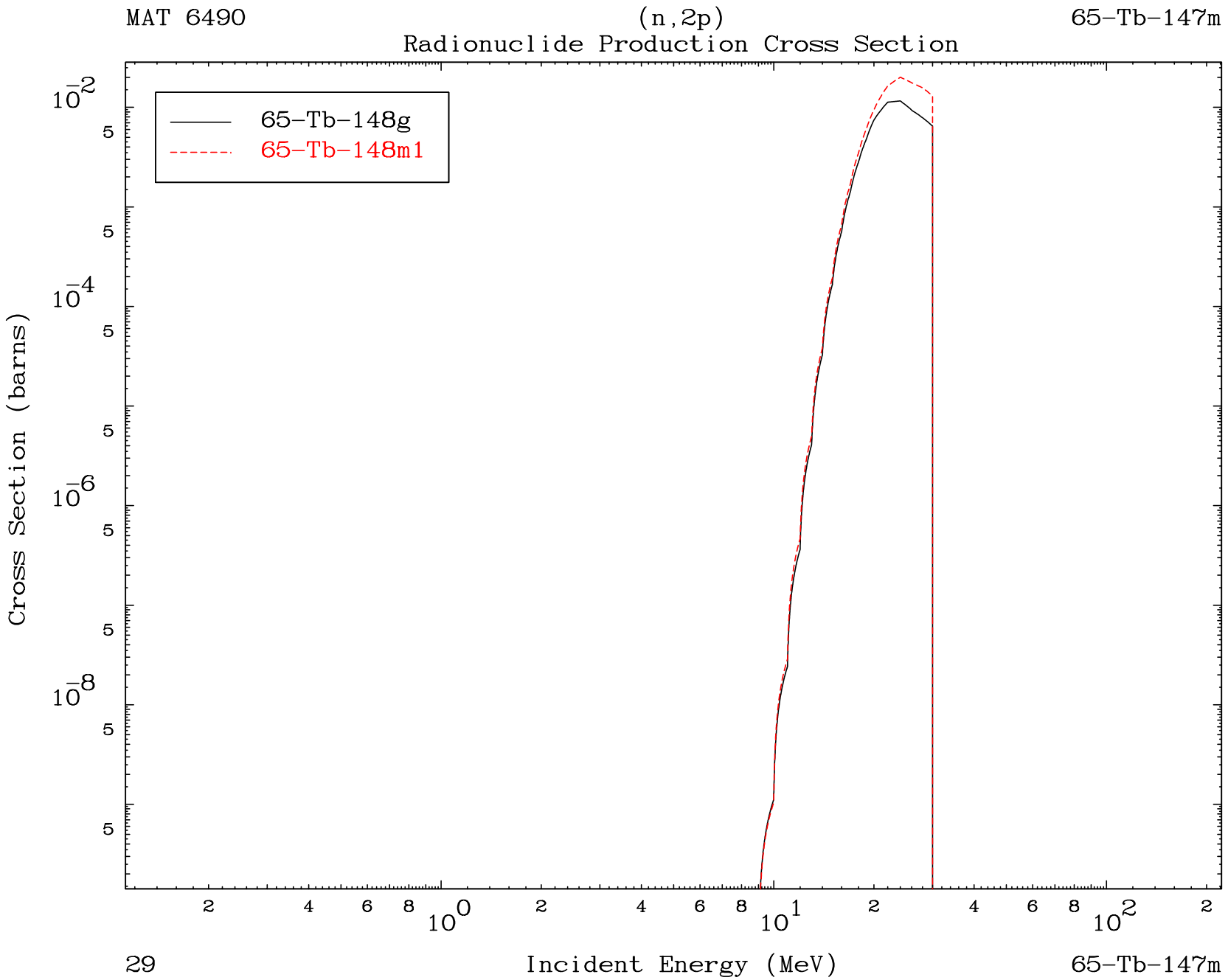

MAT 6490
(n,p)
65-Tb-147m
Radionuclide Production Cross Section
66-Dy-149g
66-Dy-149m27
Cross Section (barns)
Incident Energy (MeV)
24
65-Tb-147m

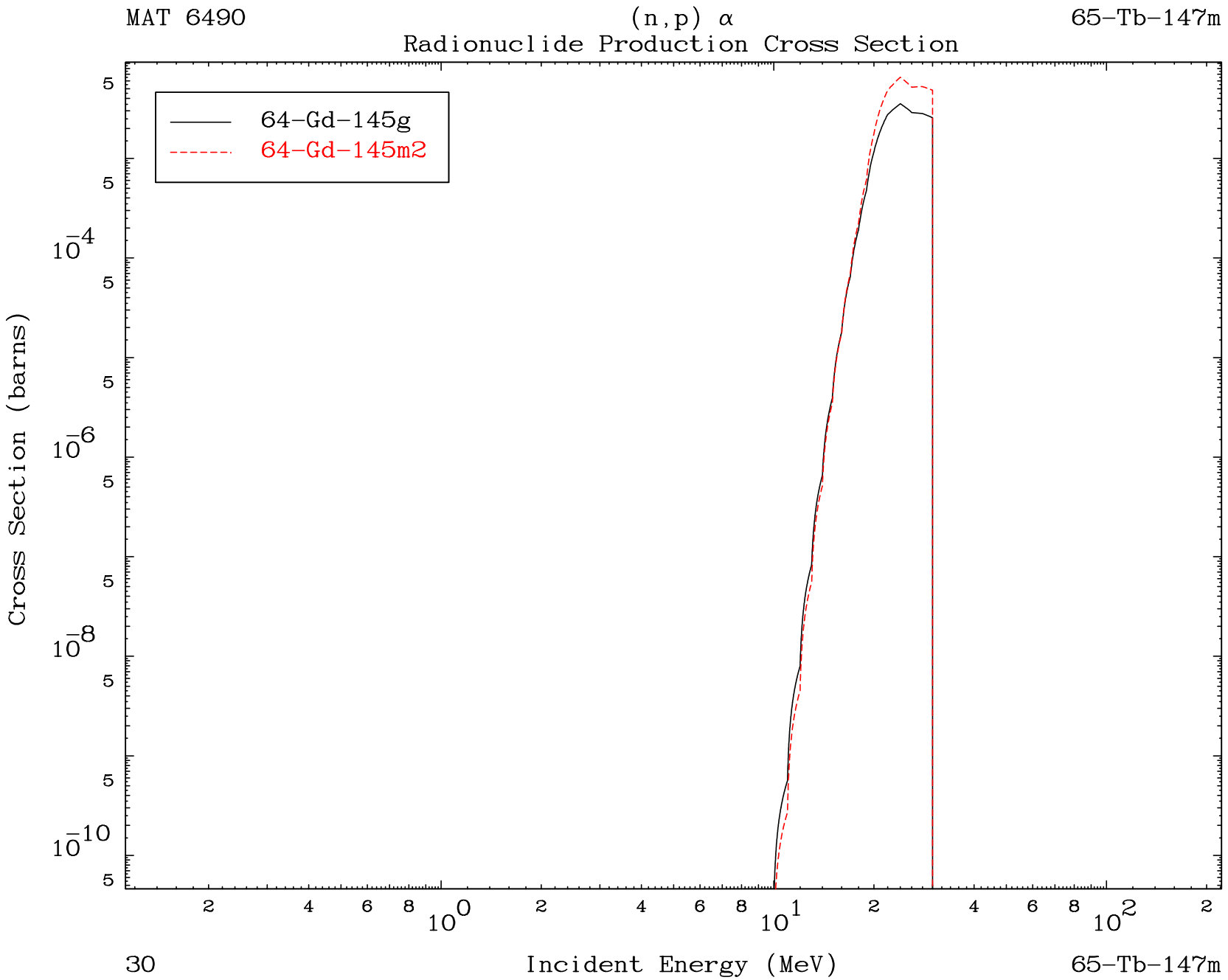

MAT 6490
(n,t)
65-Tb-147m
Radionuclide Production Cross Section
66-Dy-147g
66-Dy-147m2
Cross Section (barns)
Incident Energy (MeV)
25
65-Tb-147m

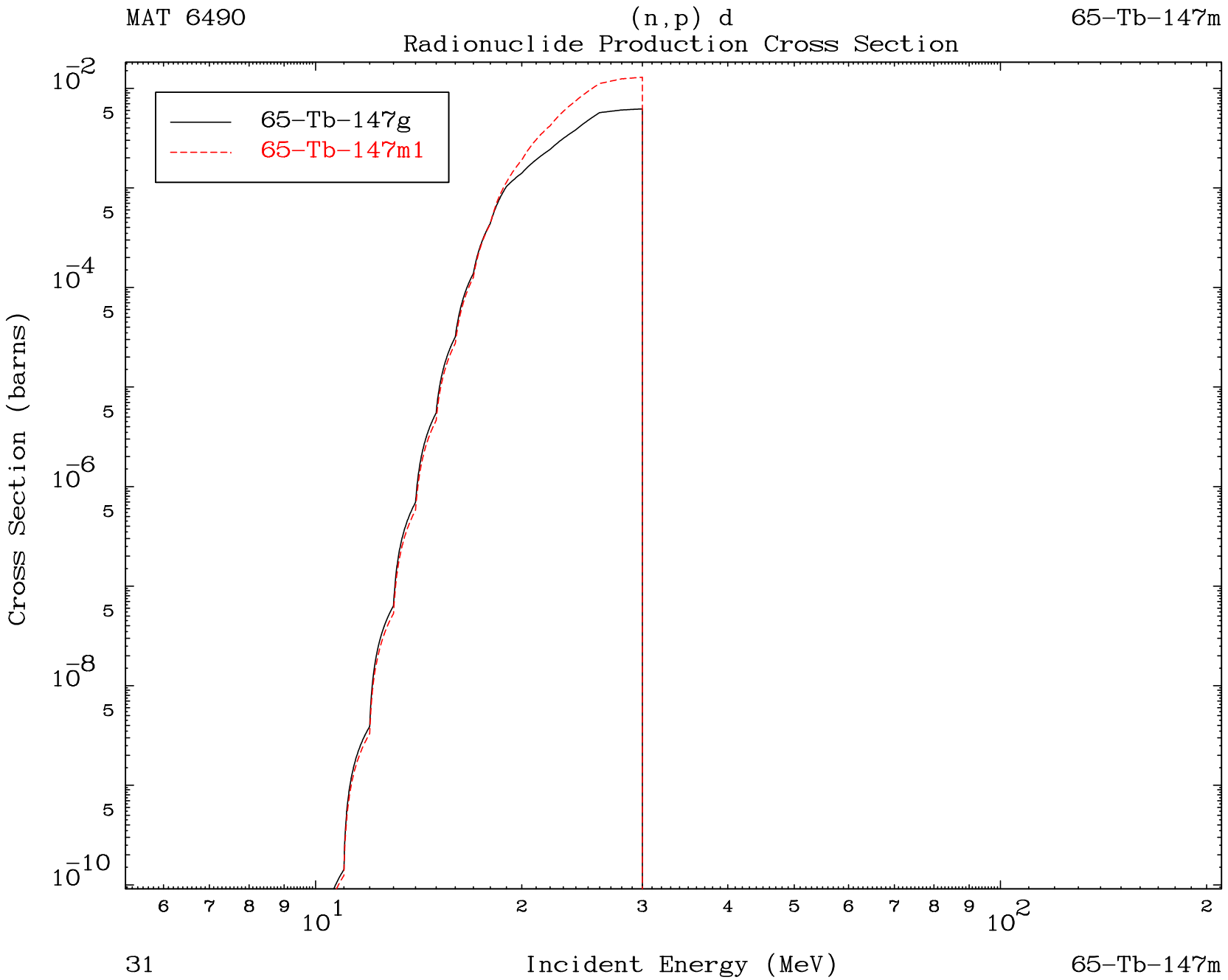

MAT 6490
(n,He-3)
65-Tb-147m
Radionuclide Production Cross Section
65-Tb-147g
65-Tb-147m1
Cross Section (barns)
Incident Energy (MeV)
26
65-Tb-147m

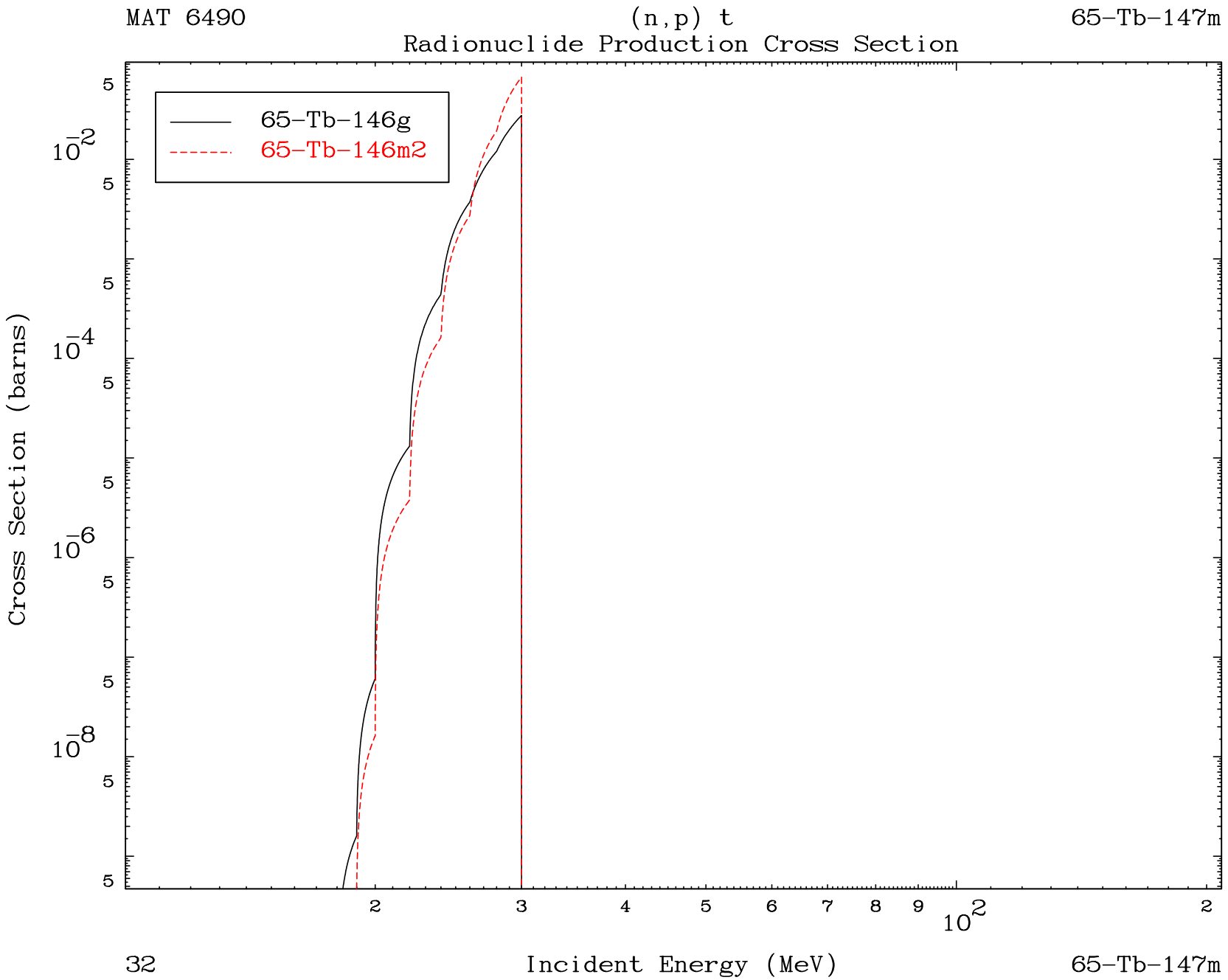

MAT 6490
(n,α)
65-Tb-147m
Radionuclide Production Cross Section
65-Tb-146g
65-Tb-146m2
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
27
65-Tb-147m


MAT 6490
(n,2α)
65-Tb-147m
Radionuclide Production Cross Section
63-Eu-142g
63-Eu-142m8
Cross Section (barns)
Incident Energy (MeV)
28
65-Tb-147m


MAT 6490
(n,2p)
65-Tb-147m
Radionuclide Production Cross Section
65-Tb-148g
65-Tb-148m1
Cross Section (barns)
Incident Energy (MeV)
29
65-Tb-147m


MAT 6490
(n,p) α
65-Tb-147m
Radionuclide Production Cross Section
64-Gd-145g
64-Gd-145m2
Cross Section (barns)
Incident Energy (MeV)
30
65-Tb-147m


MAT 6490
(n,p) d
65-Tb-147m
Radionuclide Production Cross Section
65-Tb-147g
65-Tb-147m1
Cross Section (barns)
Incident Energy (MeV)
31
65-Tb-147m


MAT 6490
(n,p) t
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
32
Incident Energy (MeV)
65-Tb-147m