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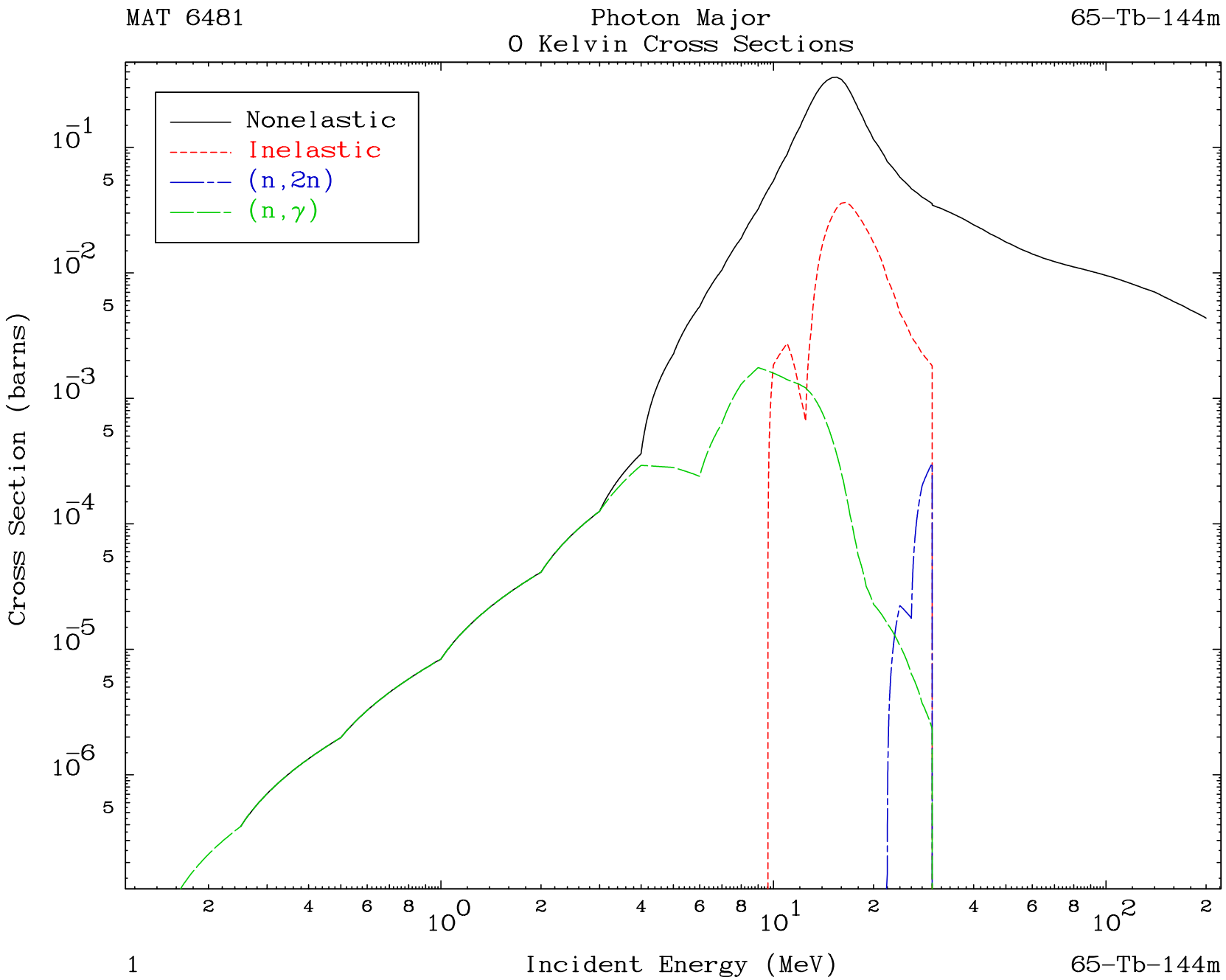
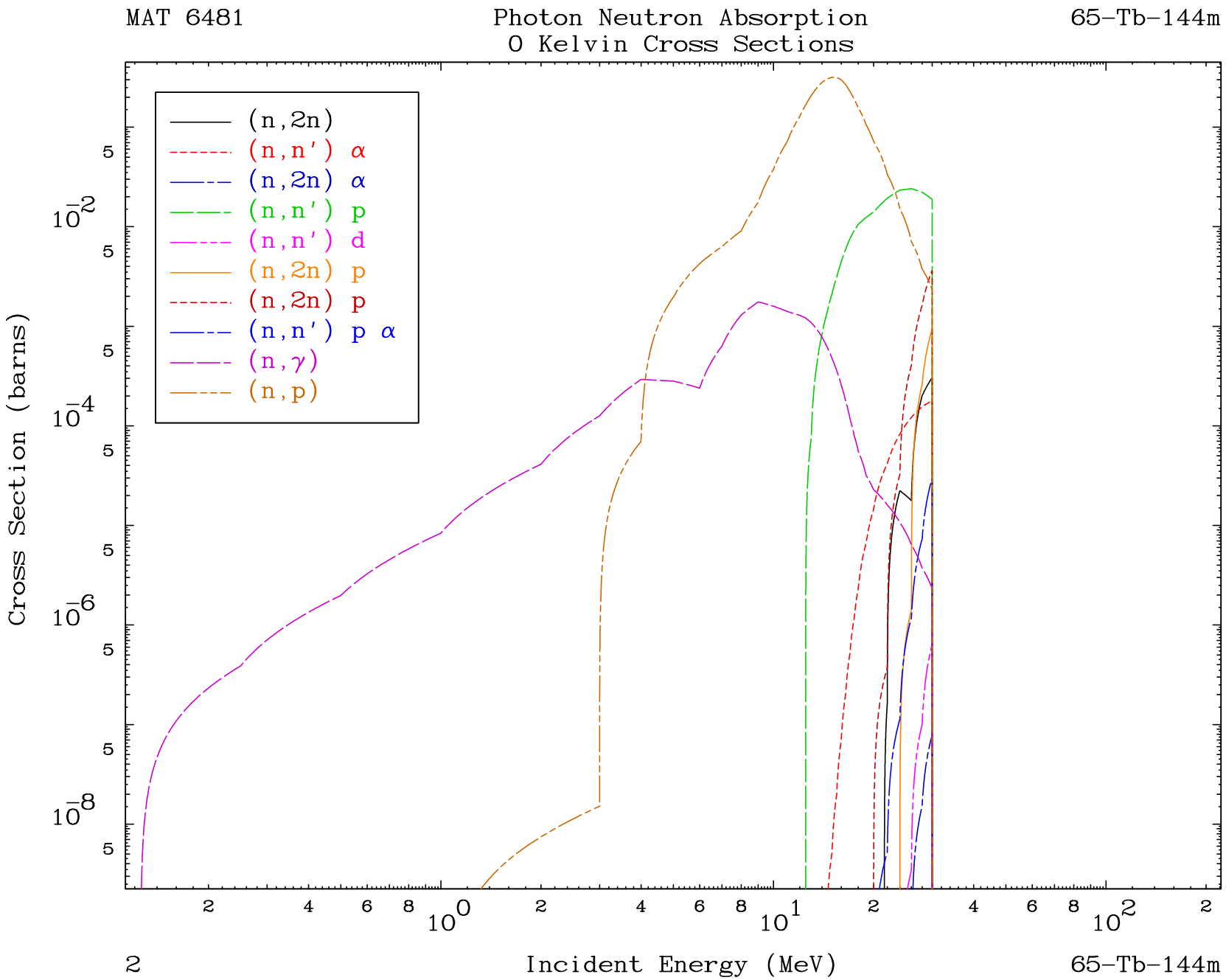
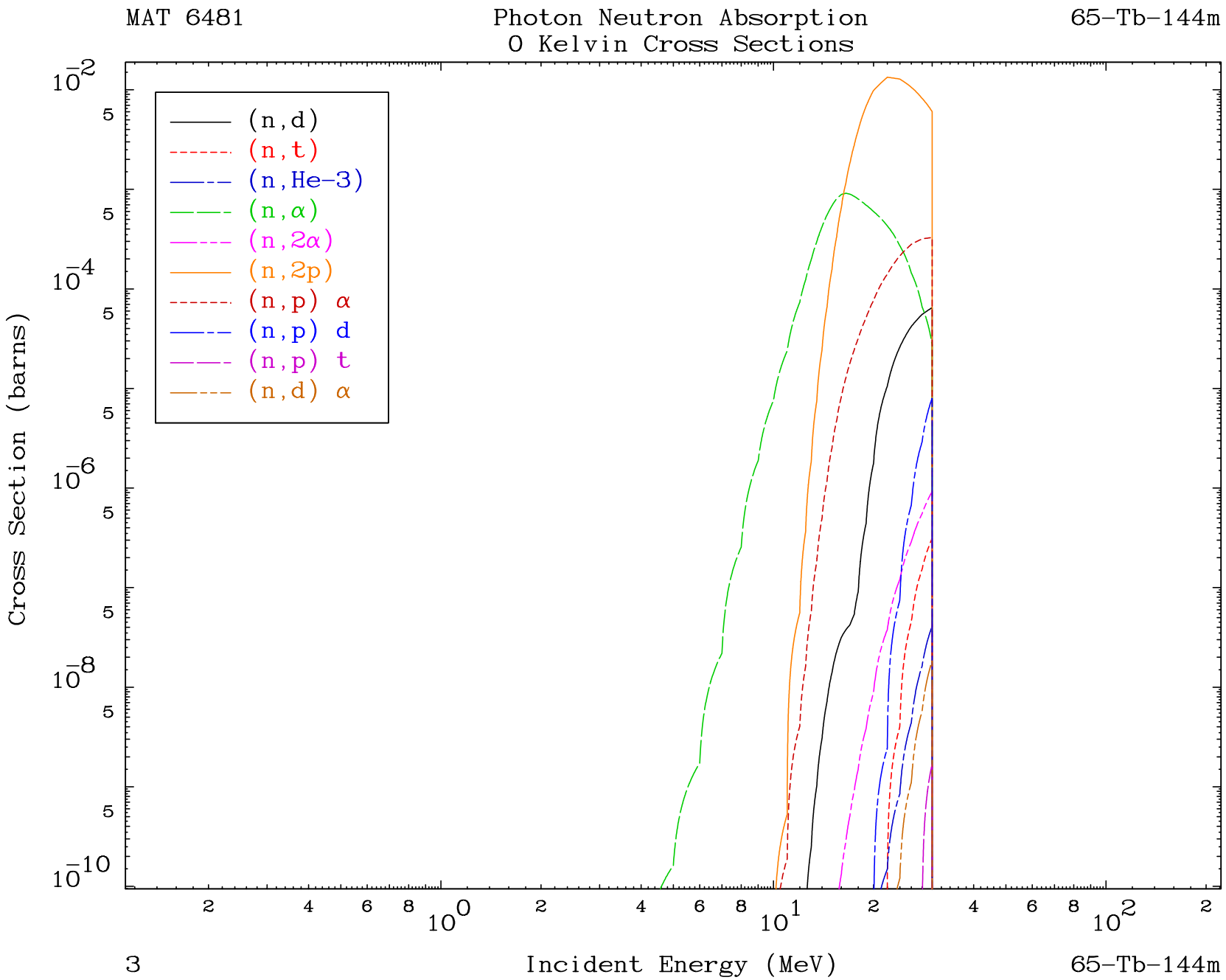
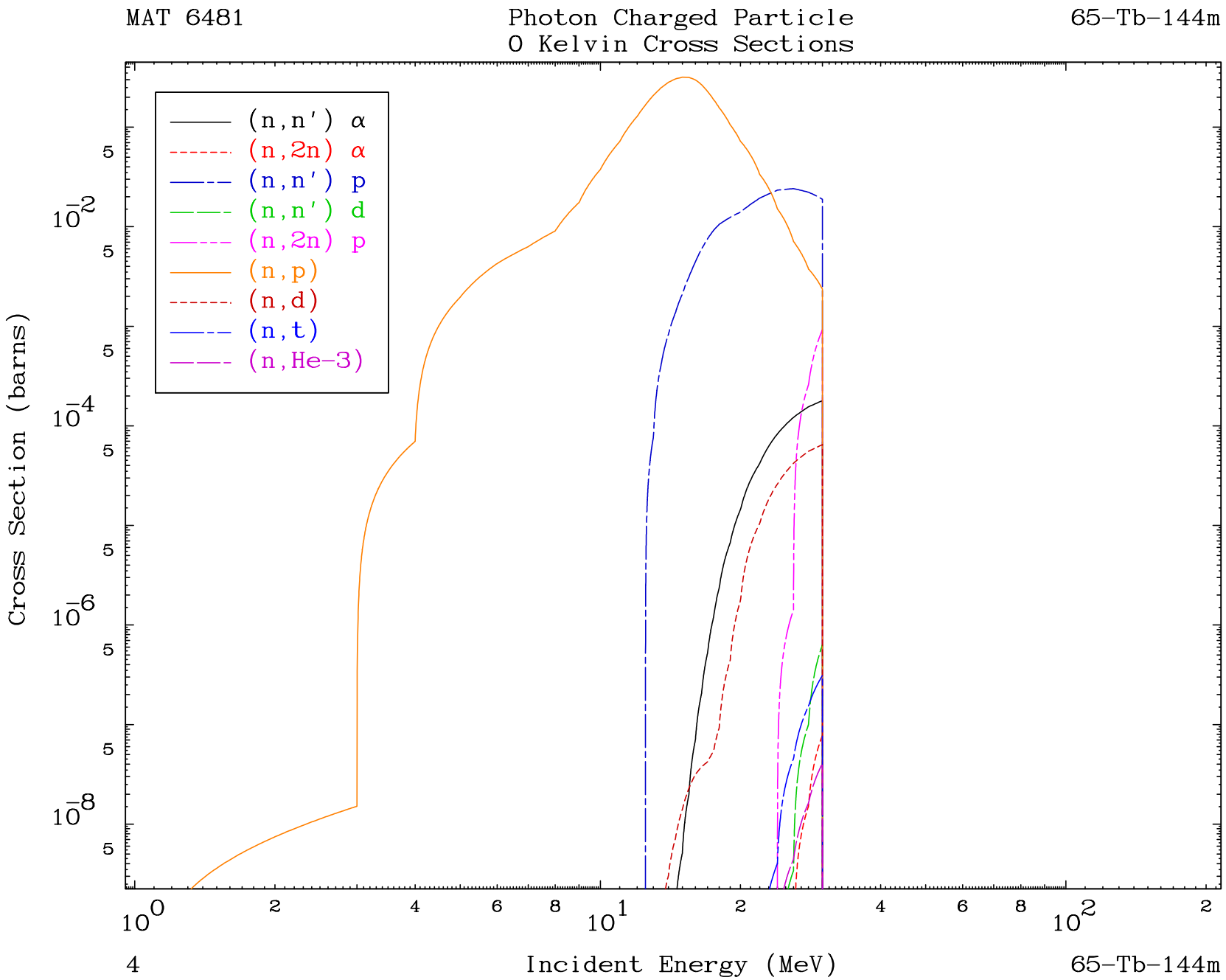
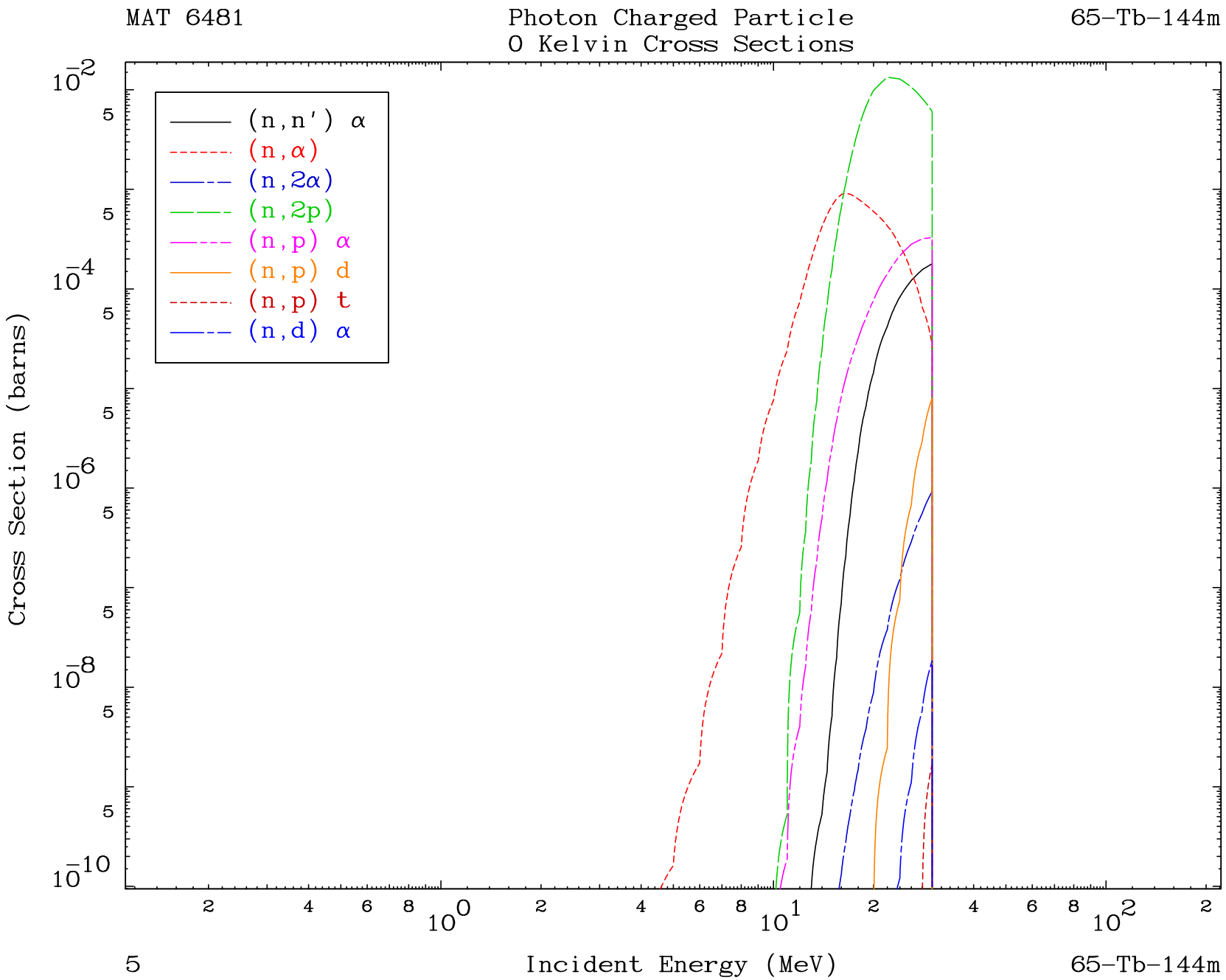
Press Mouse Button to Start

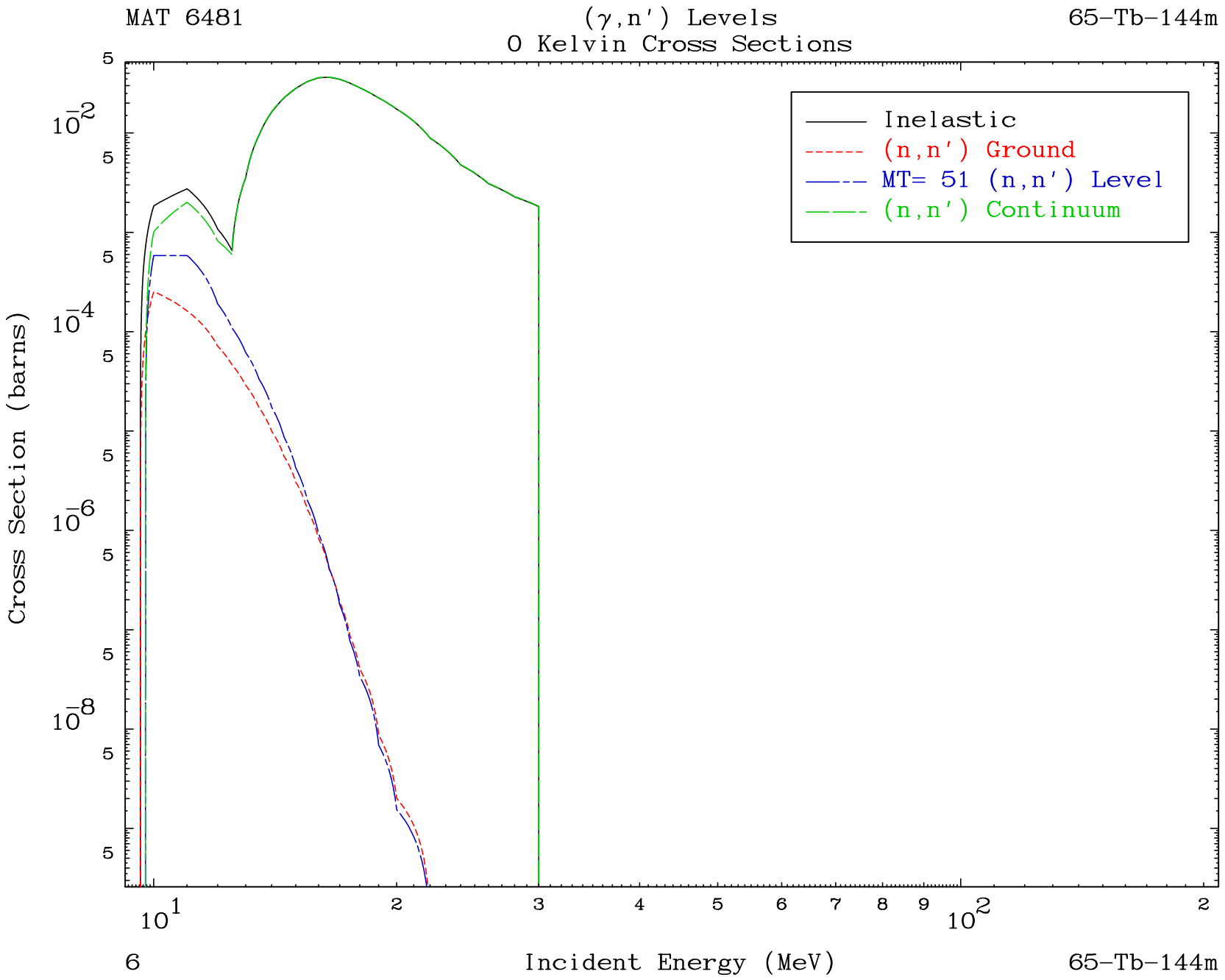

MAT 6481
Photon Major
65-Tb-144m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-144m
1

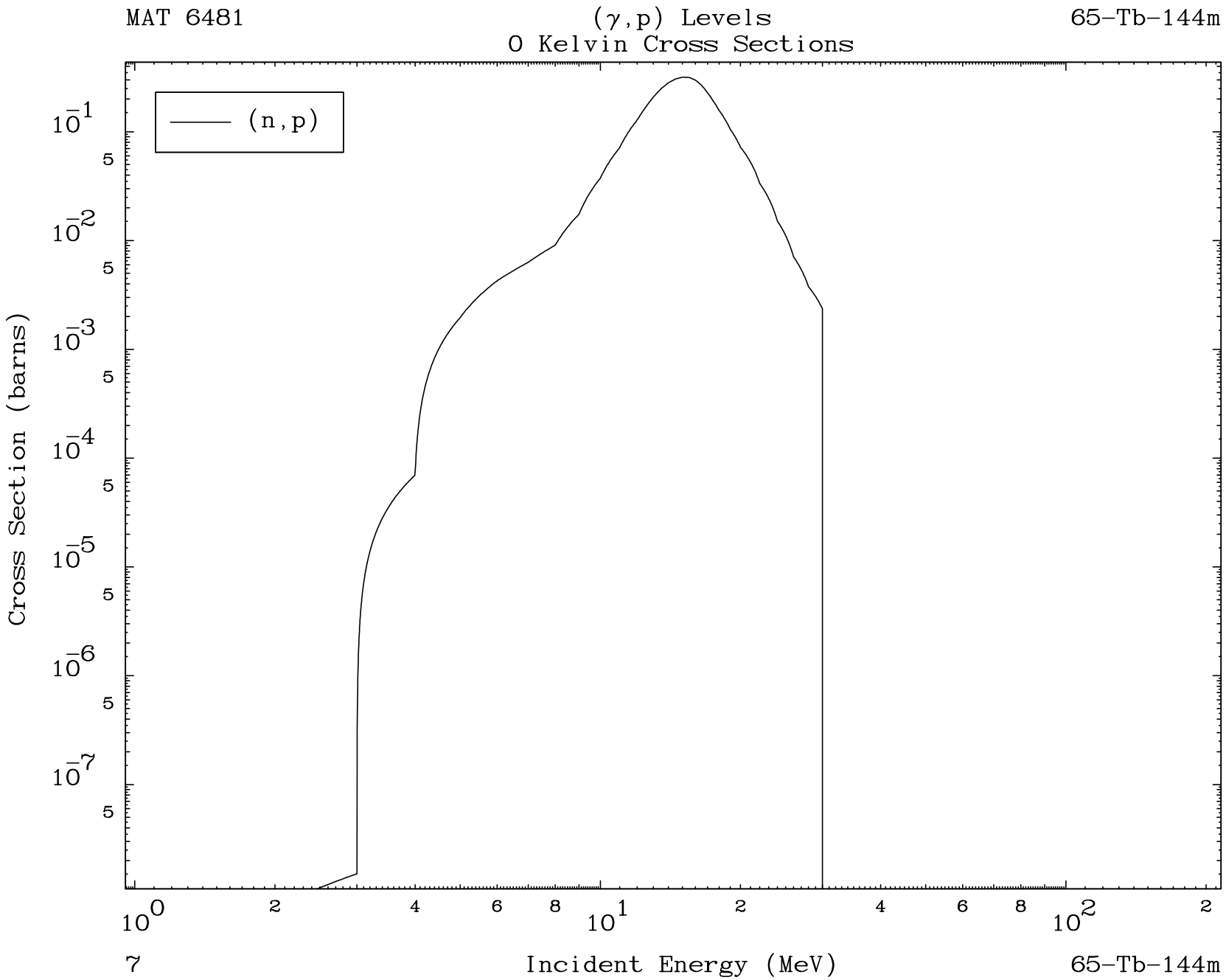

MAT 6481
Photon Neutron Absorption
0 Kelvin Cross Sections
65-Tb-144m
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-144m
2

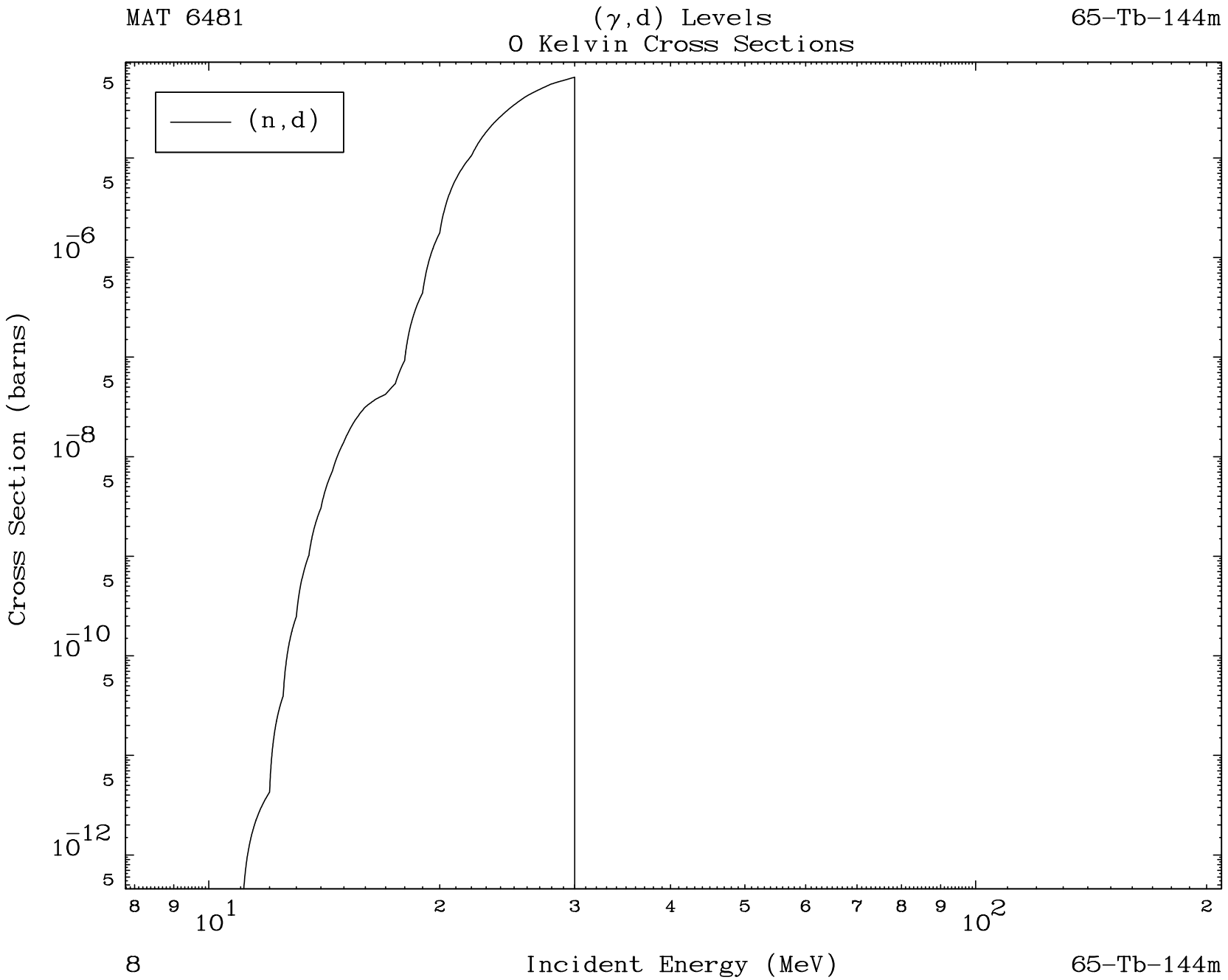

MAT 6481
Photon Neutron Absorption
0 Kelvin Cross Sections
65-Tb-144m
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
65-Tb-144m

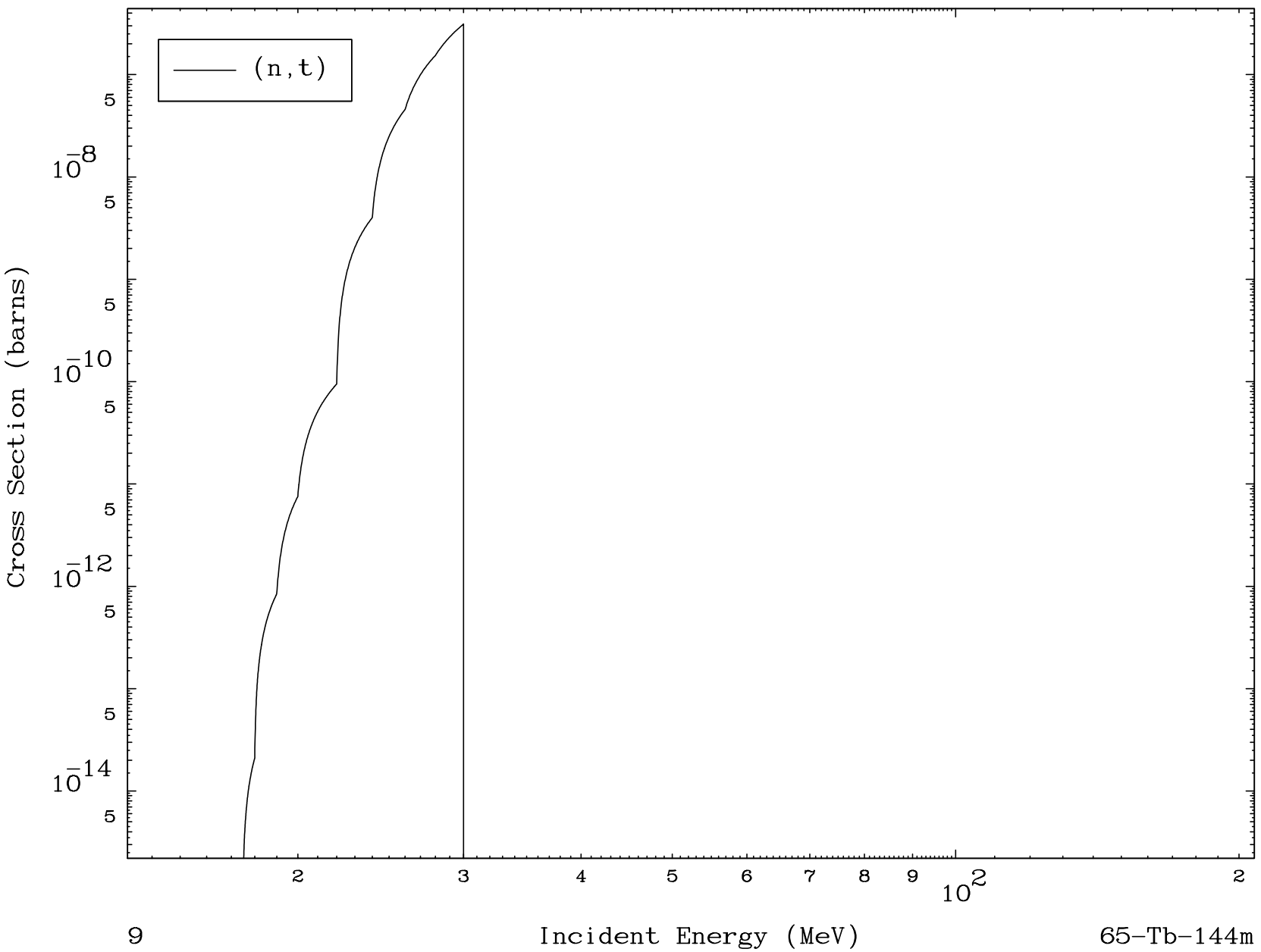

MAT 6481
Photon Charged Particle
0 Kelvin Cross Sections
65-Tb-144m
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-144m
4

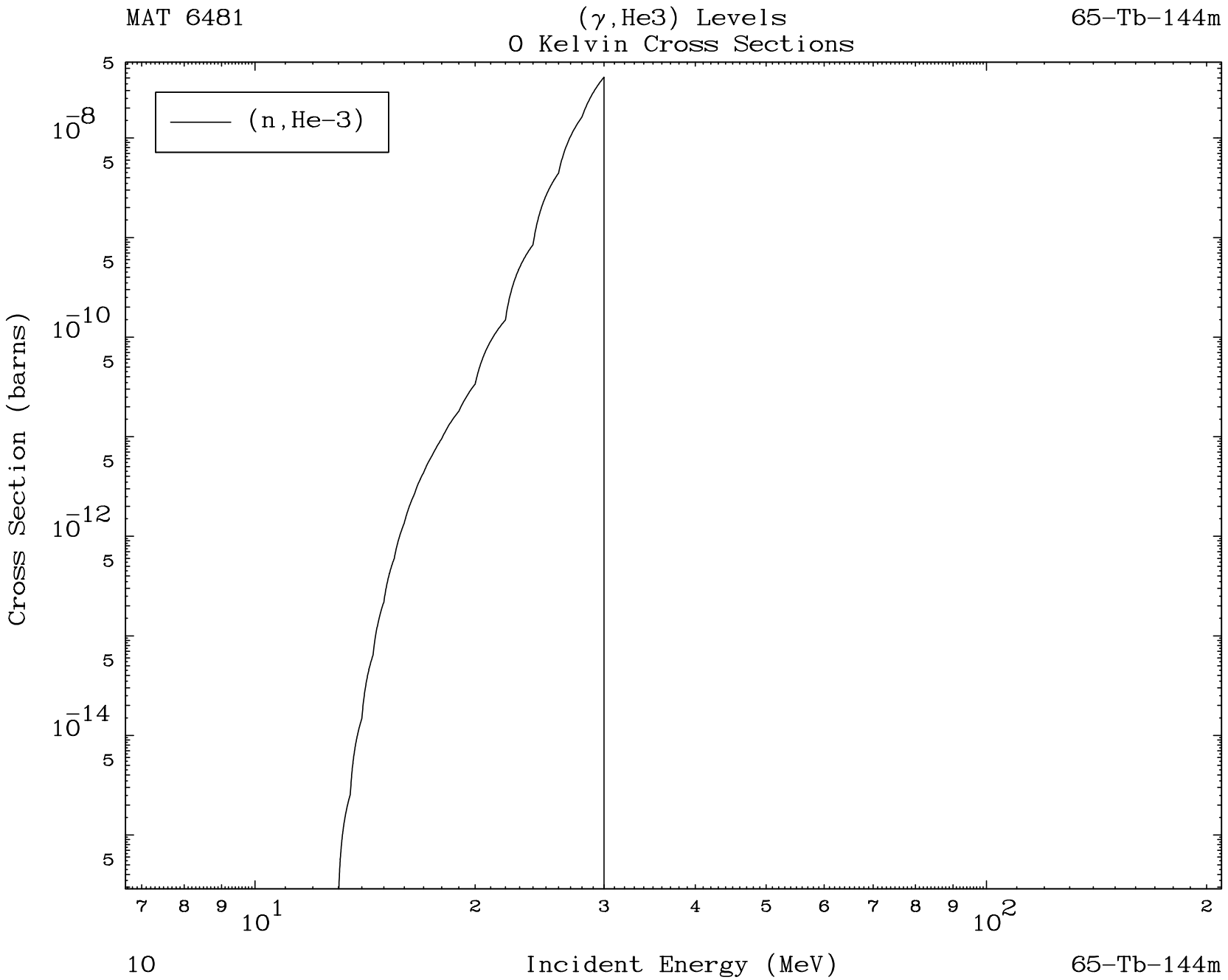

MAT 6481
Photon Charged Particle
0 Kelvin Cross Sections
65-Tb-144m
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
65-Tb-144m
5

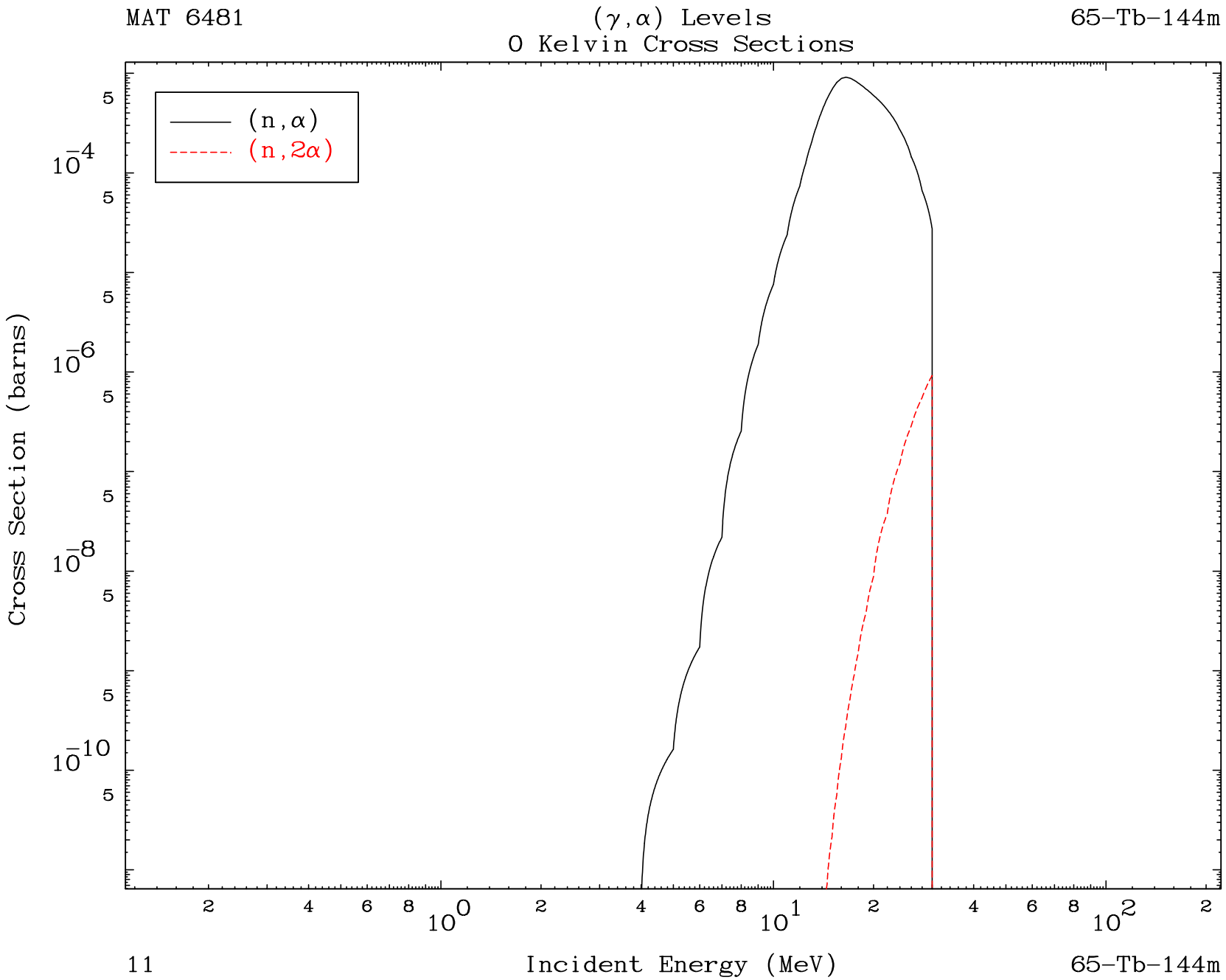

MAT 6481
(γ,n') Levels
0 Kelvin Cross Sections
65-Tb-144m
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
65-Tb-144m
6

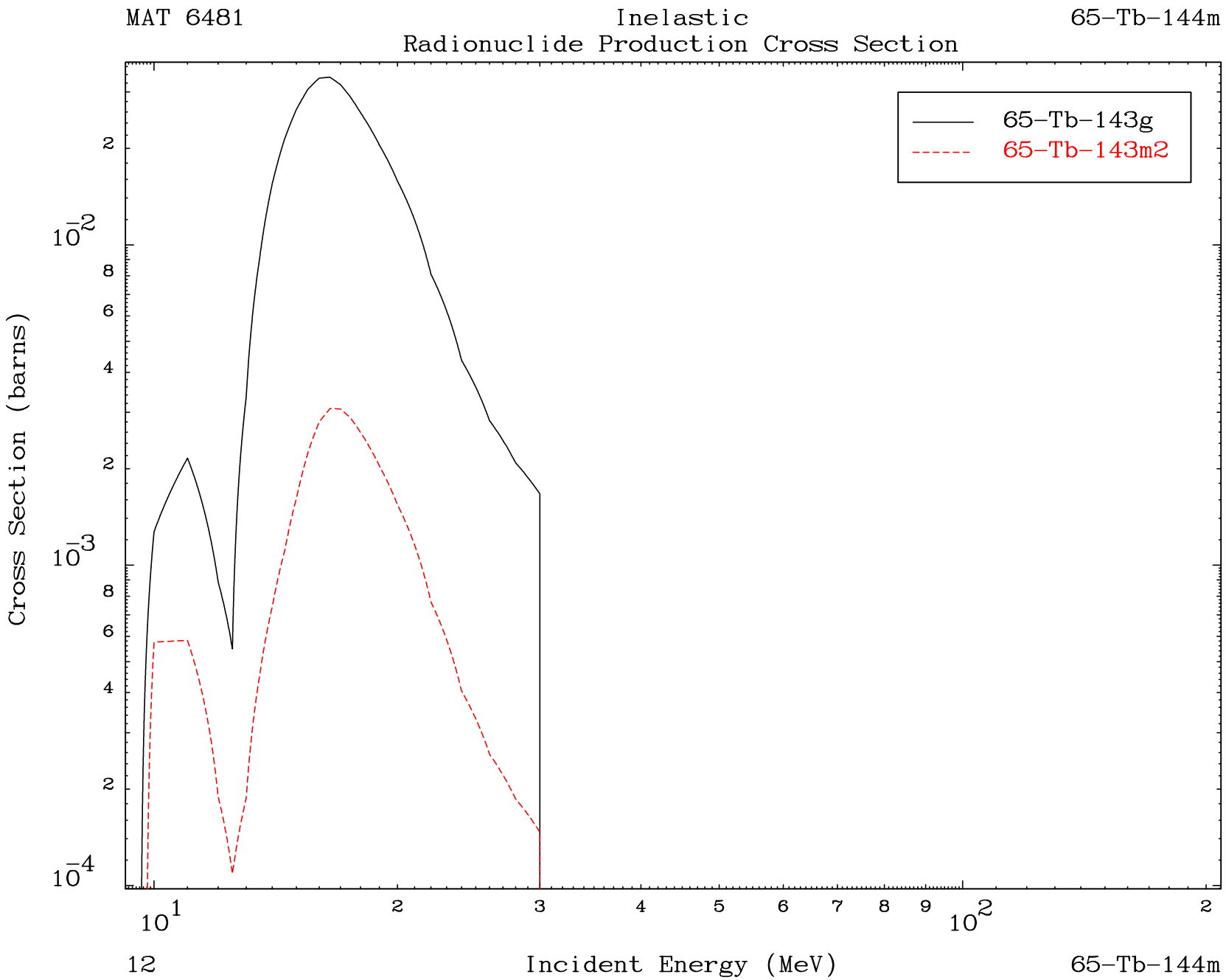

MAT 6481
(γ,p) Levels
65-Tb-144m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-1
10-2
10-3
10-4
10-5
10-6
10-7
100
101
102
Incident Energy (MeV)
65-Tb-144m
7

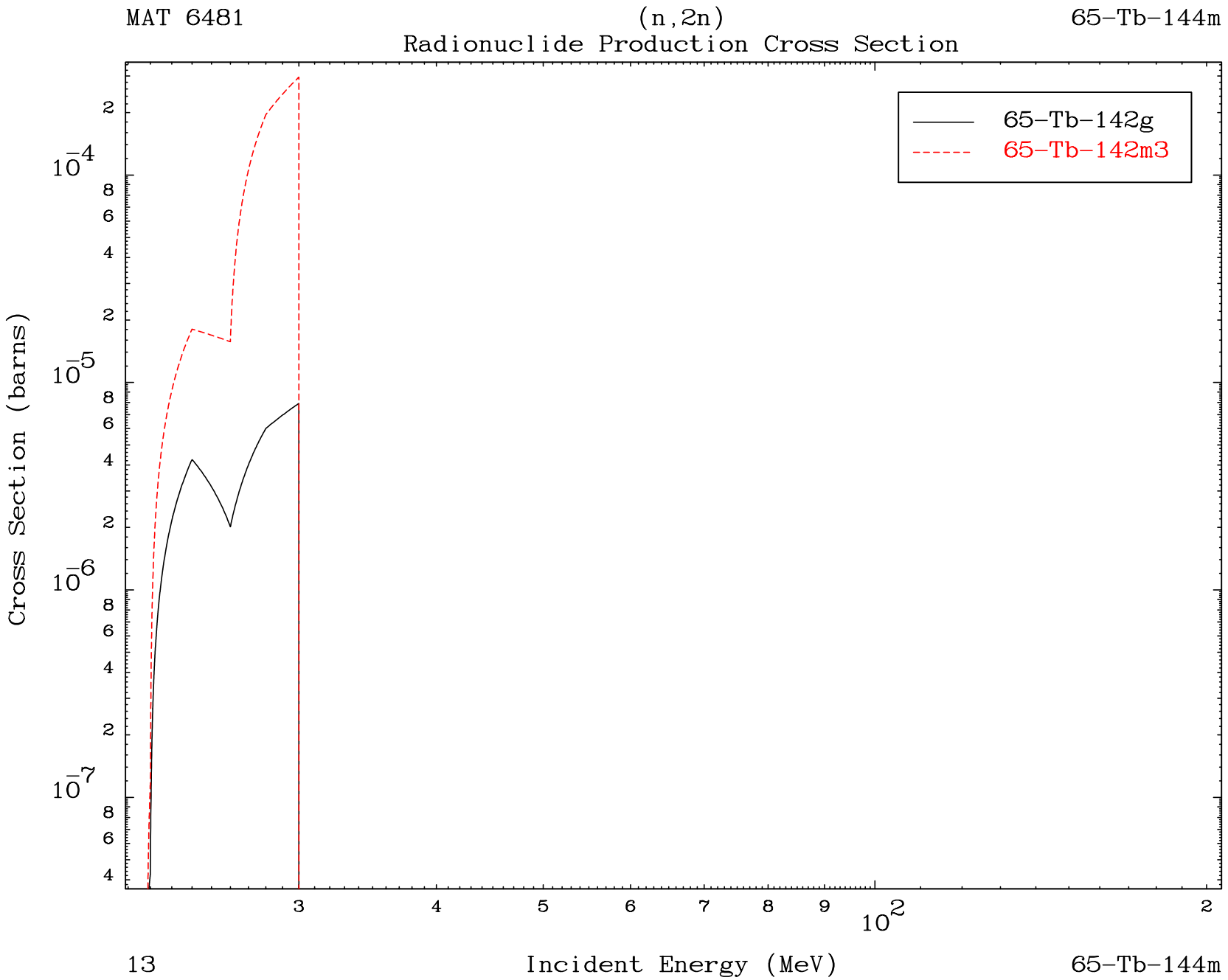

MAT 6481
(γ,d) Levels
65-Tb-144m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^1
10^2
Incident Energy (MeV)
8
65-Tb-144m

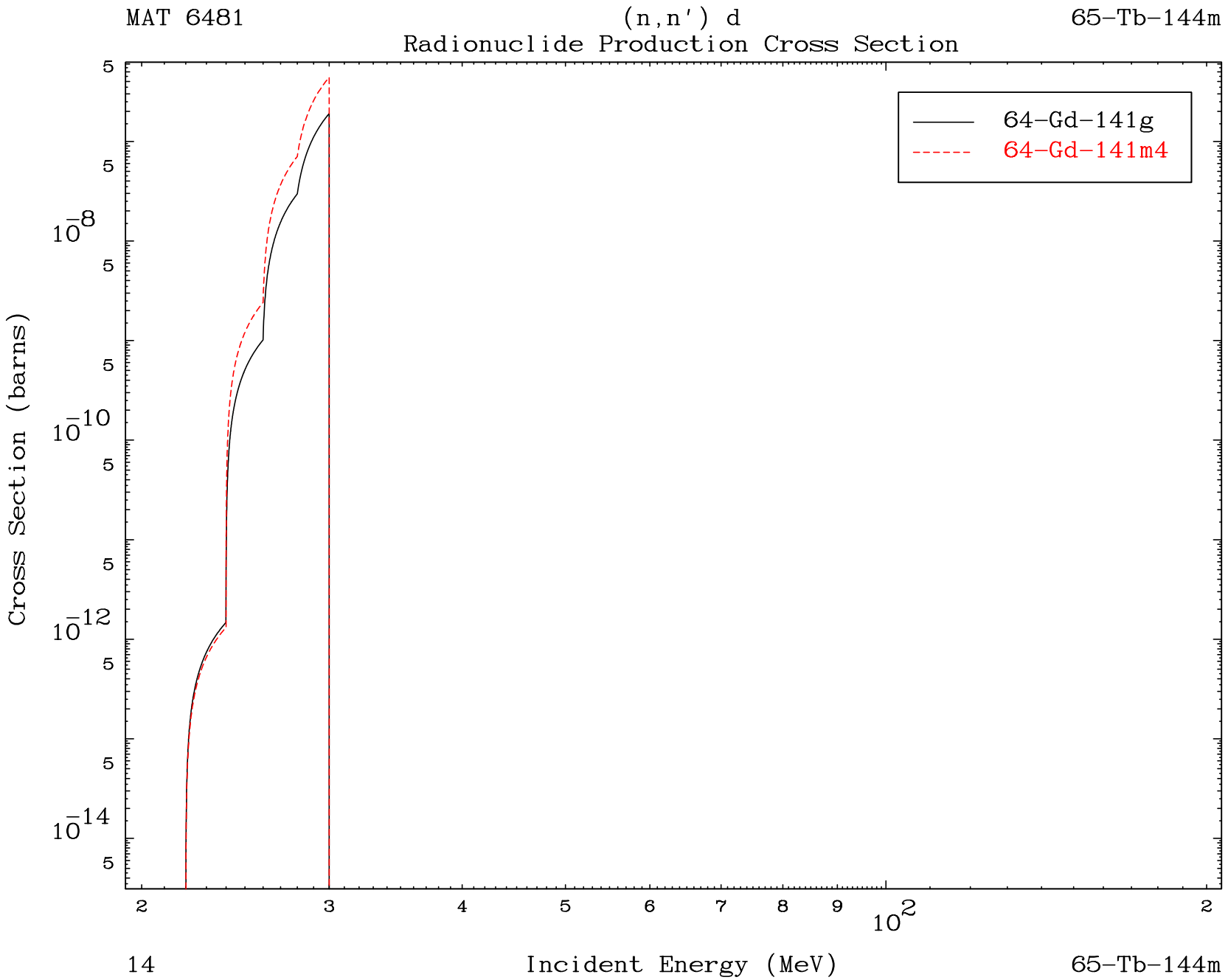

0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

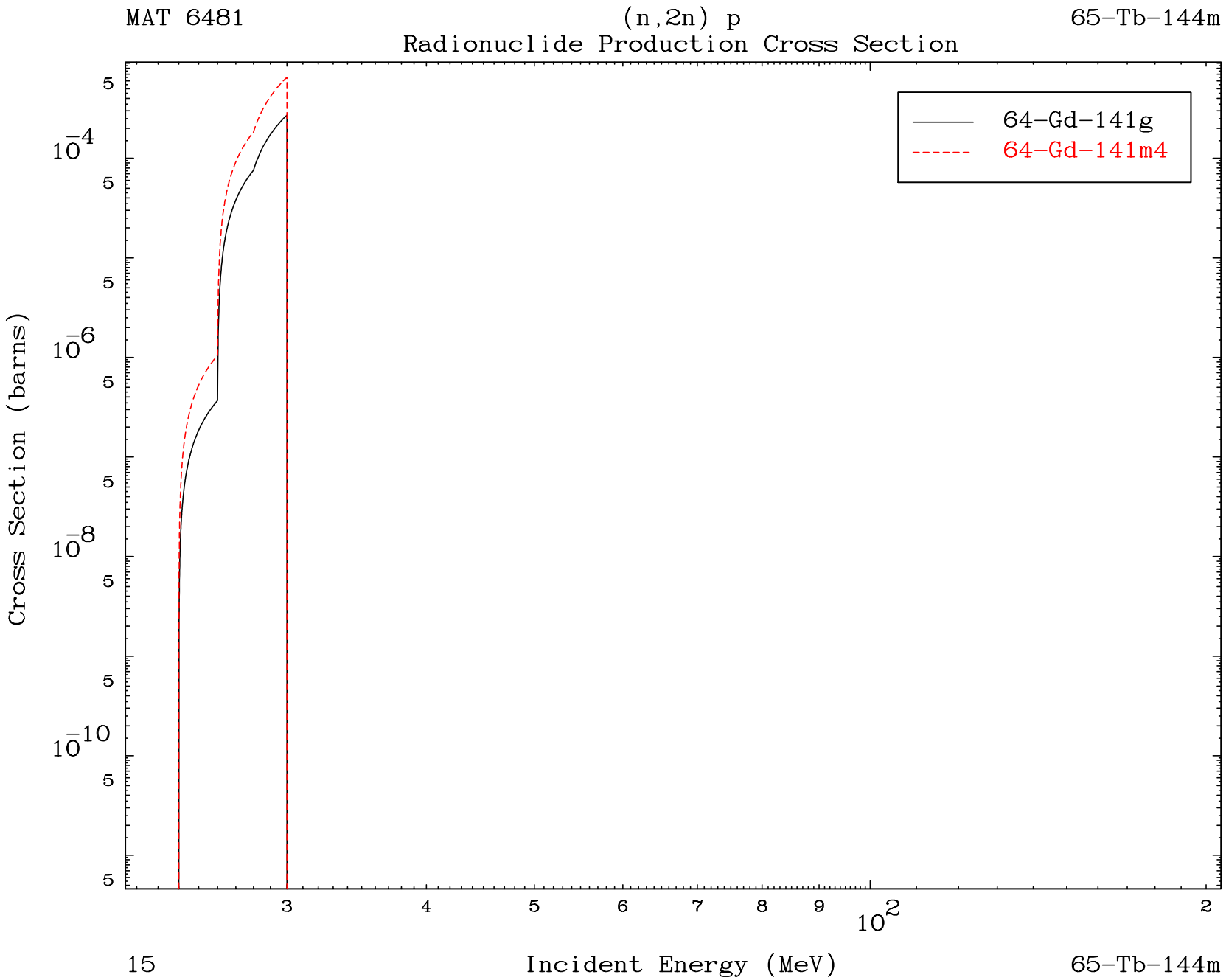

MAT 6481
(γ,He3) Levels
65-Tb-144m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-144m

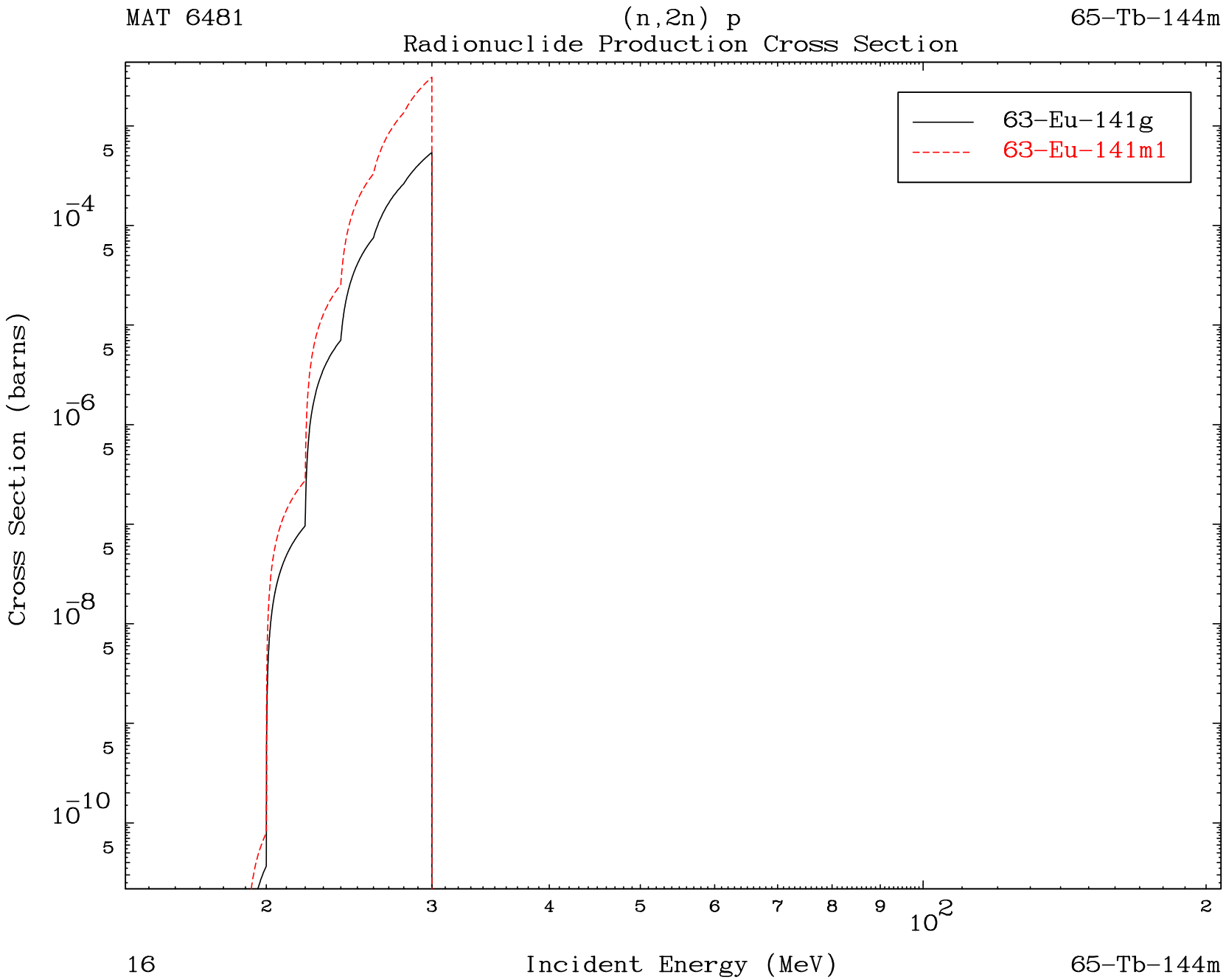

MAT 6481
(γ,α) Levels
65-Tb-144m
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
11
65-Tb-144m

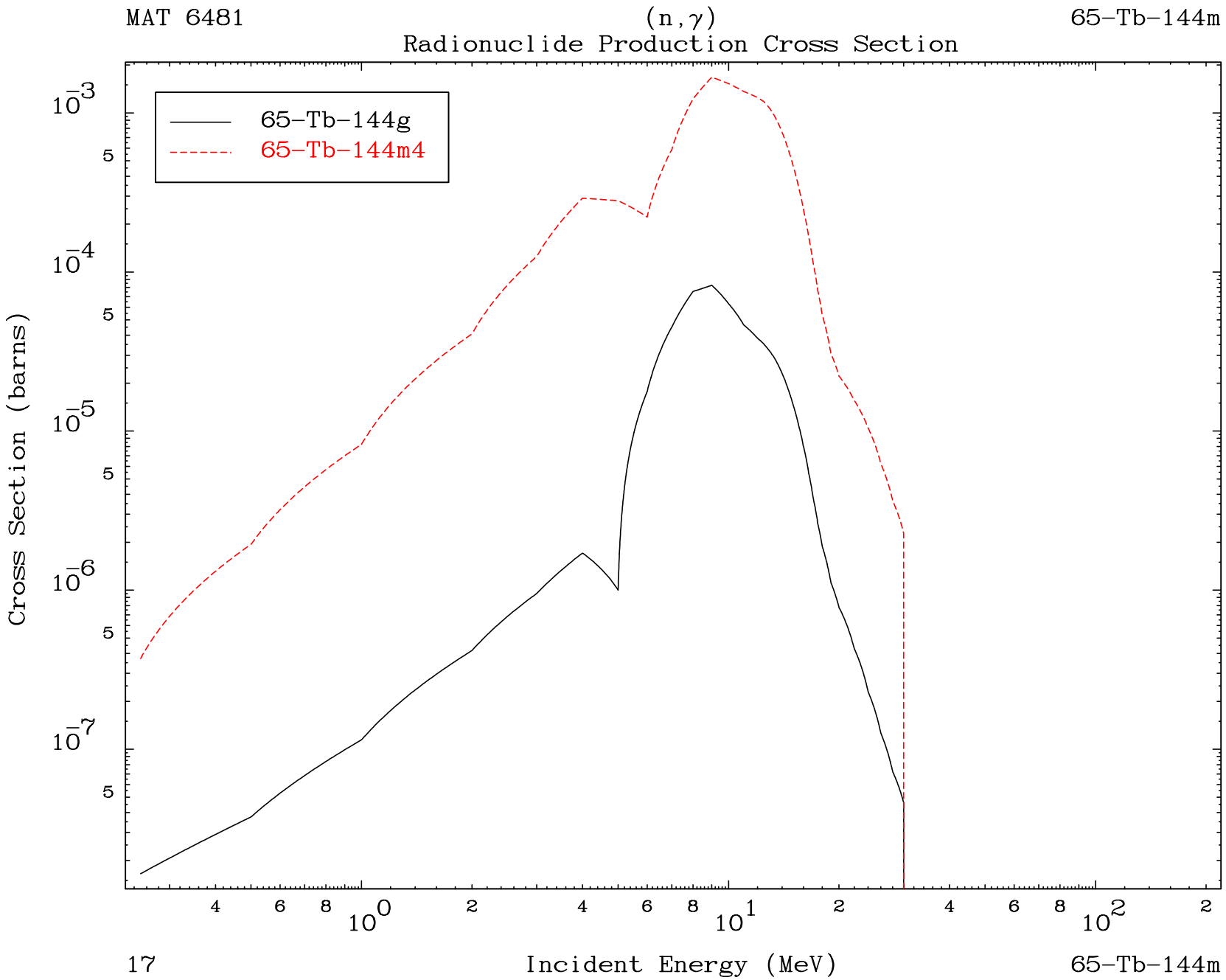

MAT 6481
Inelastic
65-Tb-144m
Radionuclide Production Cross Section
65-Tb-143g
65-Tb-143m2
Cross Section (barns)
Incident Energy (MeV)
12
65-Tb-144m

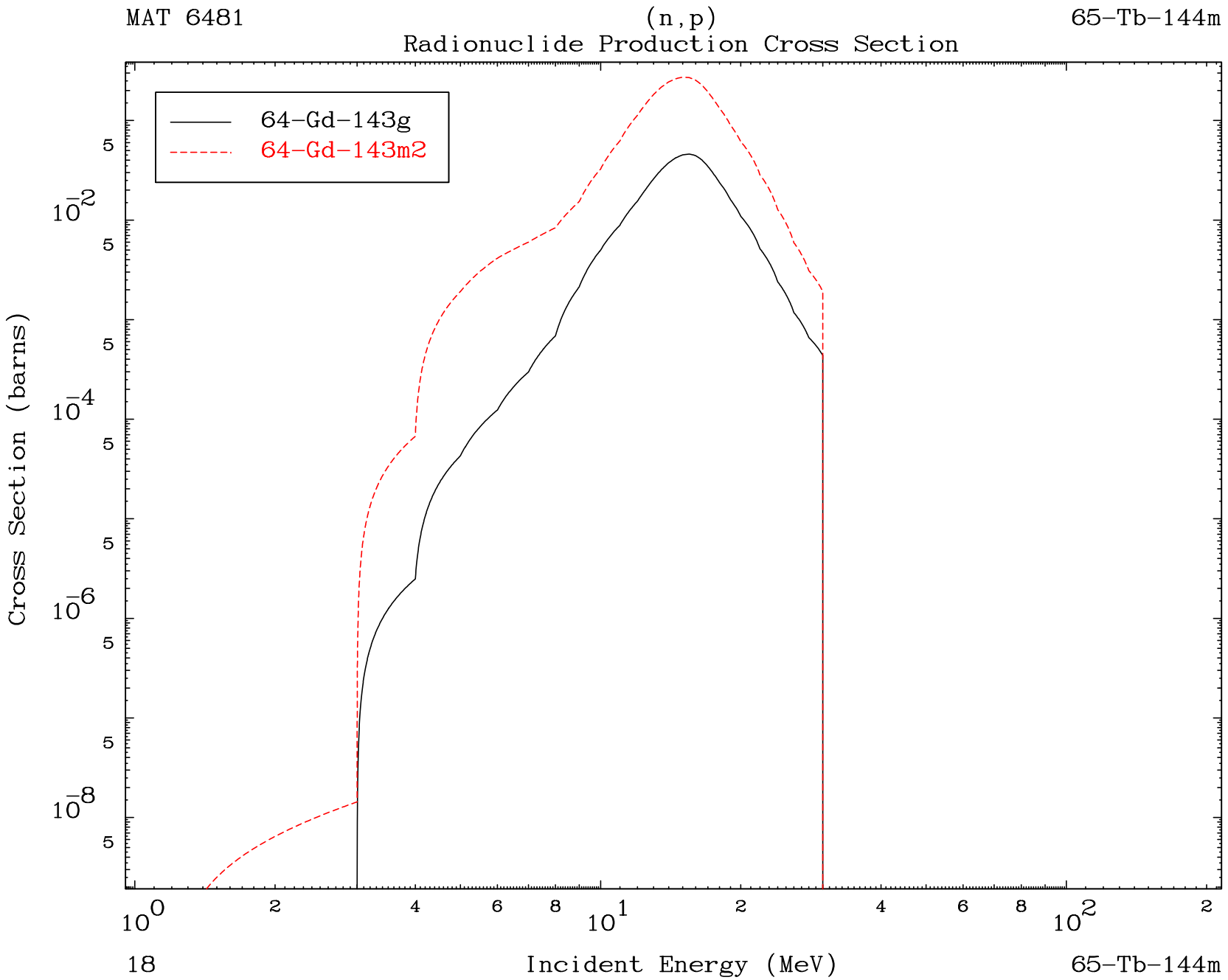

MAT 6481
(n,2n)
65-Tb-144m
Radionuclide Production Cross Section
65-Tb-142g
65-Tb-142m3
Cross Section (barns)
Incident Energy (MeV)
13
65-Tb-144m

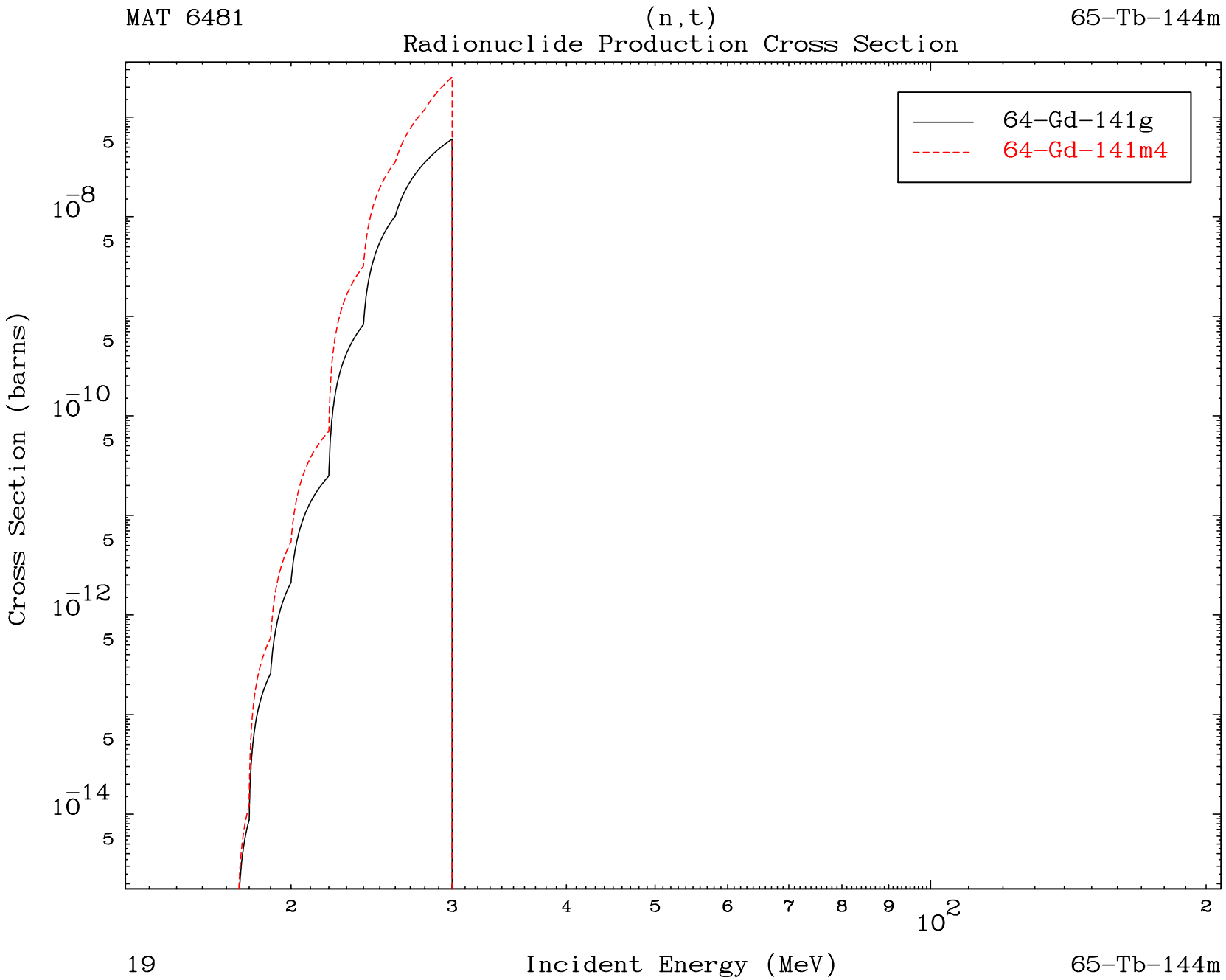

MAT 6481
(n,n') d
65-Tb-144m
Radionuclide Production Cross Section
64-Gd-141g
64-Gd-141m4
Cross Section (barns)
Incident Energy (MeV)
14
65-Tb-144m

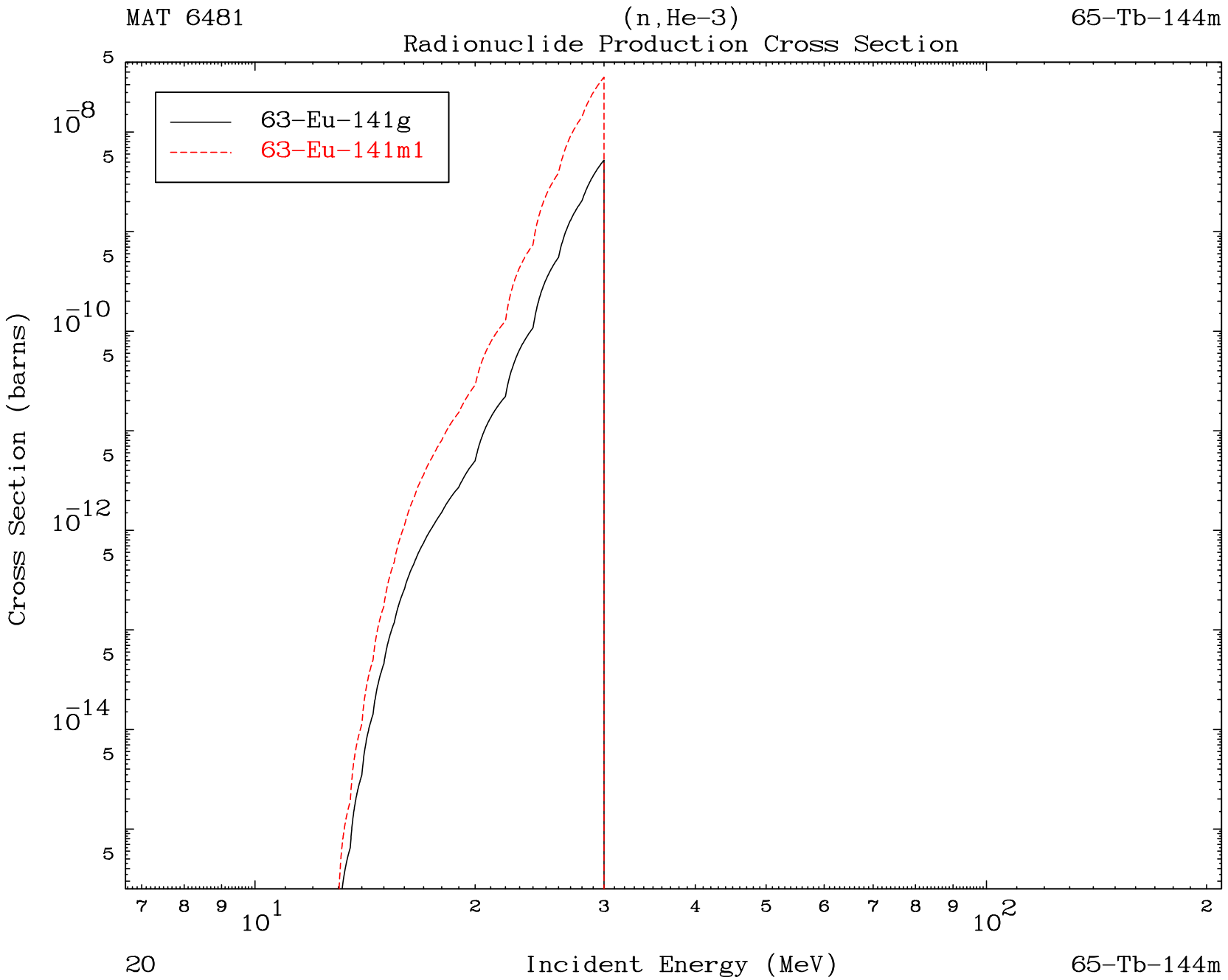

MAT 6481
(n,2n) p
65-Tb-144m
Radionuclide Production Cross Section
64-Gd-141g
64-Gd-141m4
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
15
65-Tb-144m

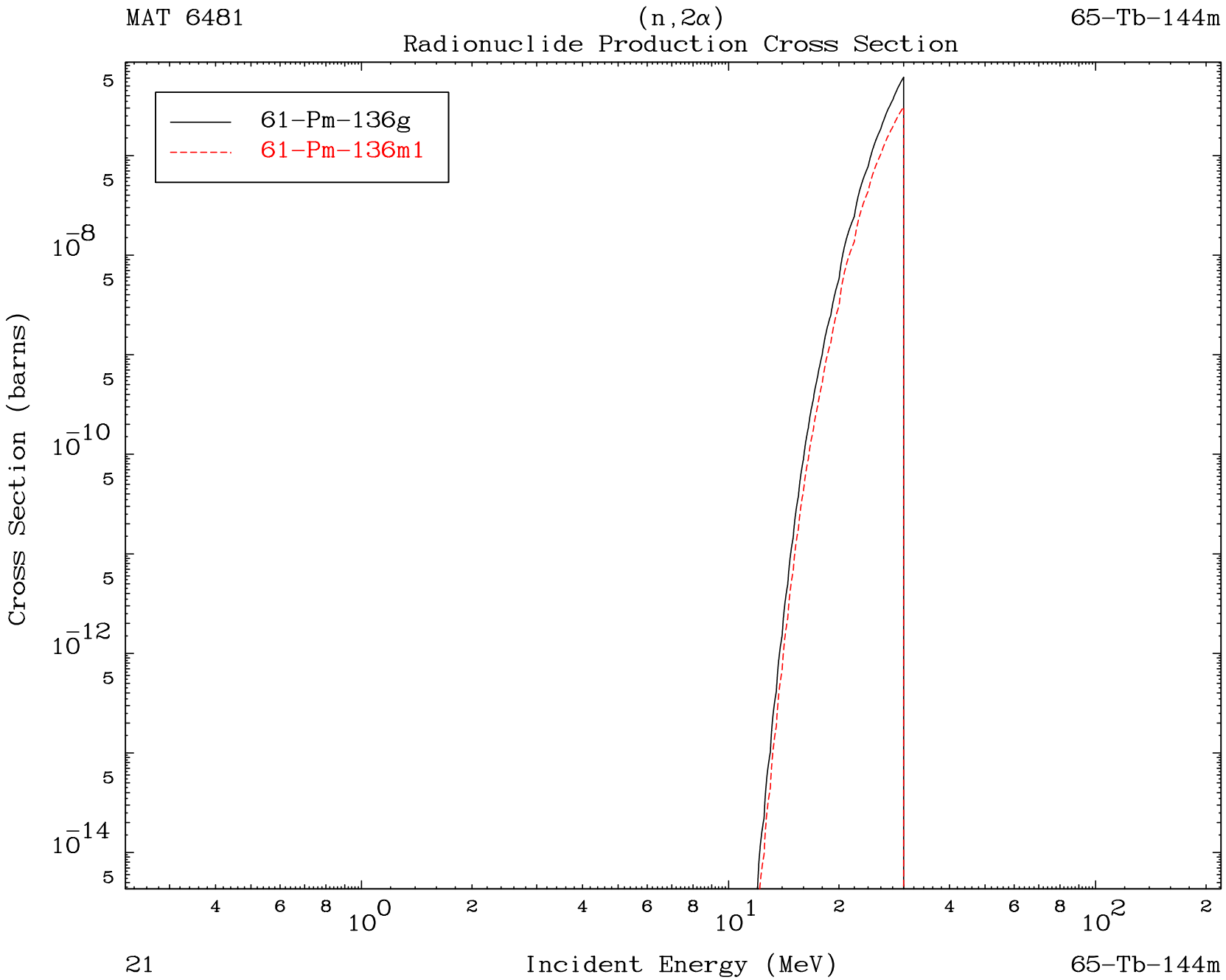

MAT 6481
(n,2n) p
65-Tb-144m
Radionuclide Production Cross Section
63-Eu-141g
63-Eu-141m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
65-Tb-144m

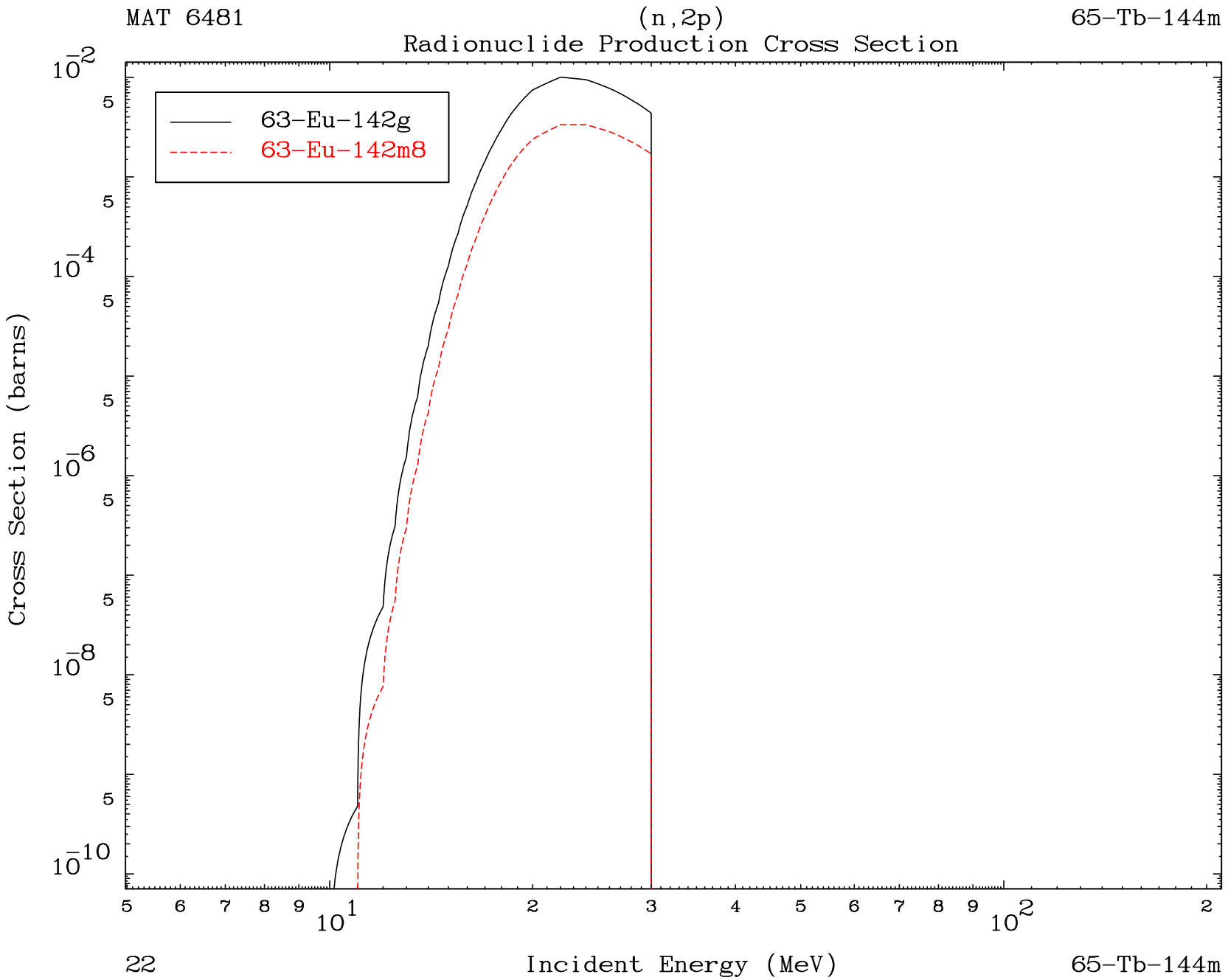

MAT 6481
(n,γ)
65-Tb-144m
Radionuclide Production Cross Section
65-Tb-144g
65-Tb-144m4
Cross Section (barns)
10-3
10-4
10-5
10-6
10-7
5
4
6
8
100
2
4
6
8
101
2
4
6
8
102
2
17
Incident Energy (MeV)
65-Tb-144m

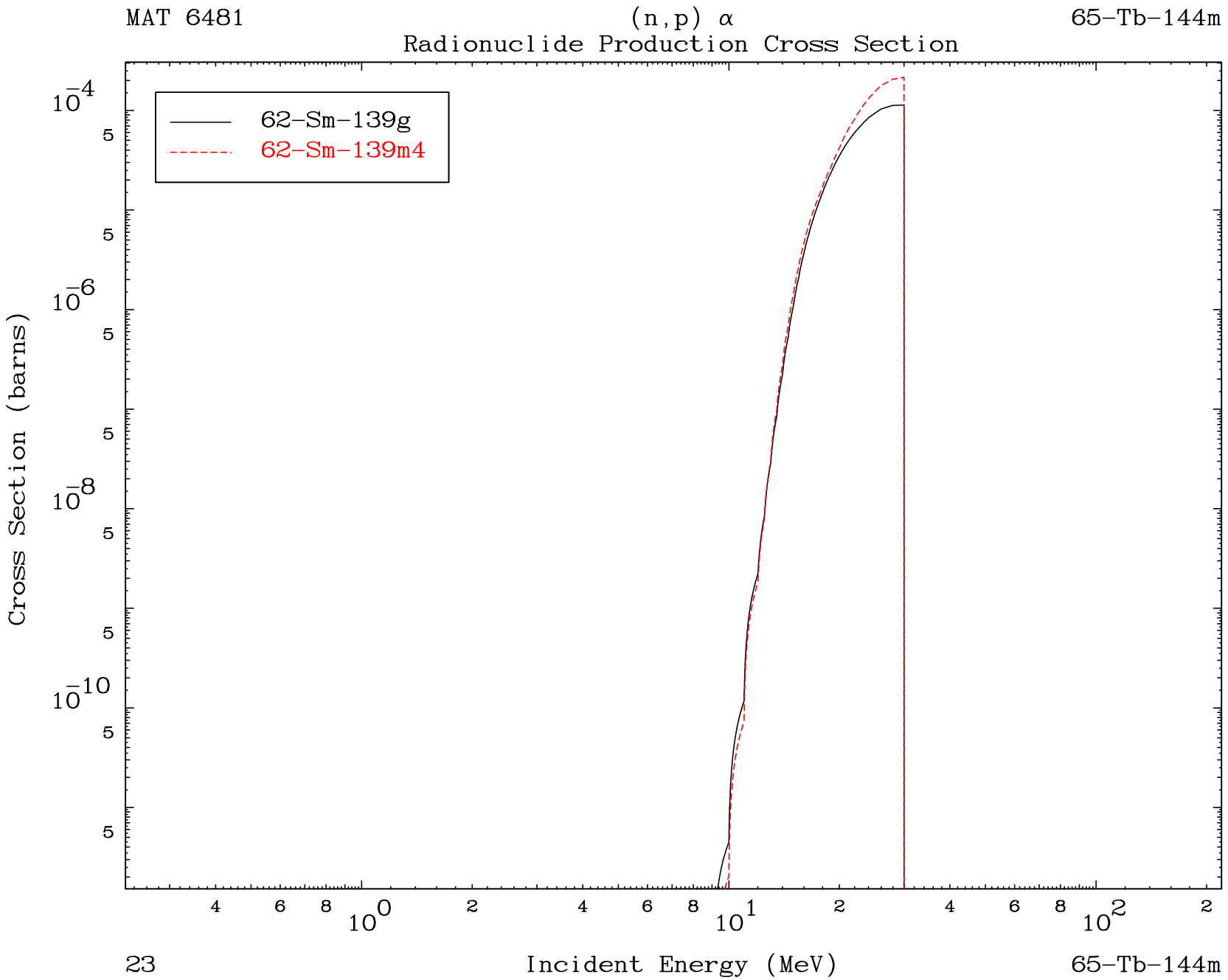

MAT 6481
(n,p)
65-Tb-144m
Radionuclide Production Cross Section
64-Gd-143g
64-Gd-143m2
Cross Section (barns)
Incident Energy (MeV)
18
65-Tb-144m

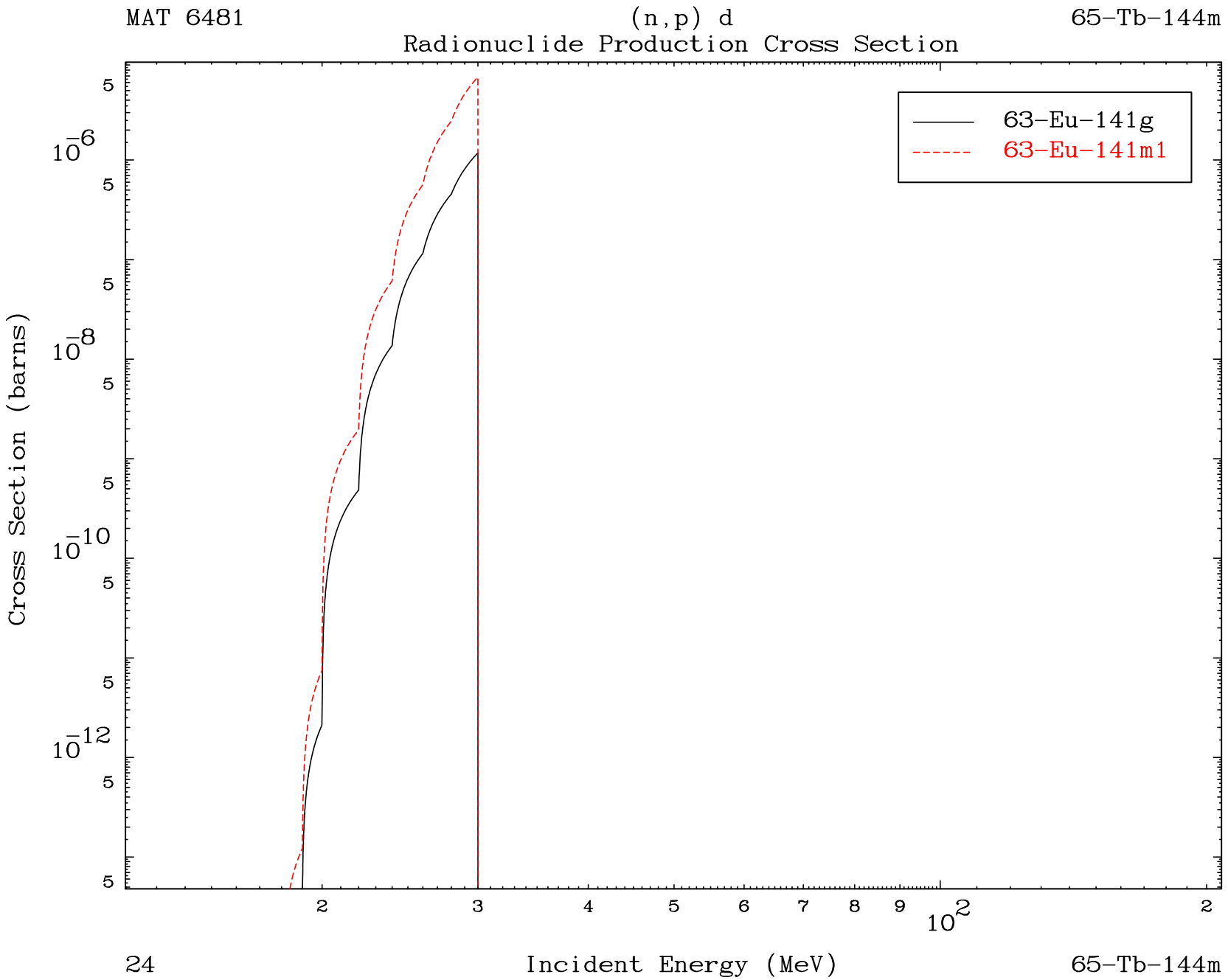

MAT 6481
(n,t)
65-Tb-144m
Radionuclide Production Cross Section
64-Gd-141g
64-Gd-141m4
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
19
Incident Energy (MeV)
65-Tb-144m


MAT 6481
(n,He-3)
65-Tb-144m
Radionuclide Production Cross Section
63-Eu-141g
63-Eu-141m1
Cross Section (barns)
Incident Energy (MeV)
20
65-Tb-144m


MAT 6481
(n,2α)
65-Tb-144m
Radionuclide Production Cross Section
61-Pm-136g
61-Pm-136m1
Cross Section (barns)
Incident Energy (MeV)
21
65-Tb-144m


MAT 6481
(n,2p)
65-Tb-144m
Radionuclide Production Cross Section
63-Eu-142g
63-Eu-142m8
Cross Section (barns)
Incident Energy (MeV)
22
65-Tb-144m


MAT 6481
(n,p) α
65-Tb-144m
Radionuclide Production Cross Section
62-Sm-139g
62-Sm-139m4
Cross Section (barns)
Incident Energy (MeV)
23
65-Tb-144m


MAT 6481
(n,p) d
65-Tb-144m
Radionuclide Production Cross Section
63-Eu-141g
63-Eu-141m1
Cross Section (barns)
Incident Energy (MeV)
24
65-Tb-144m