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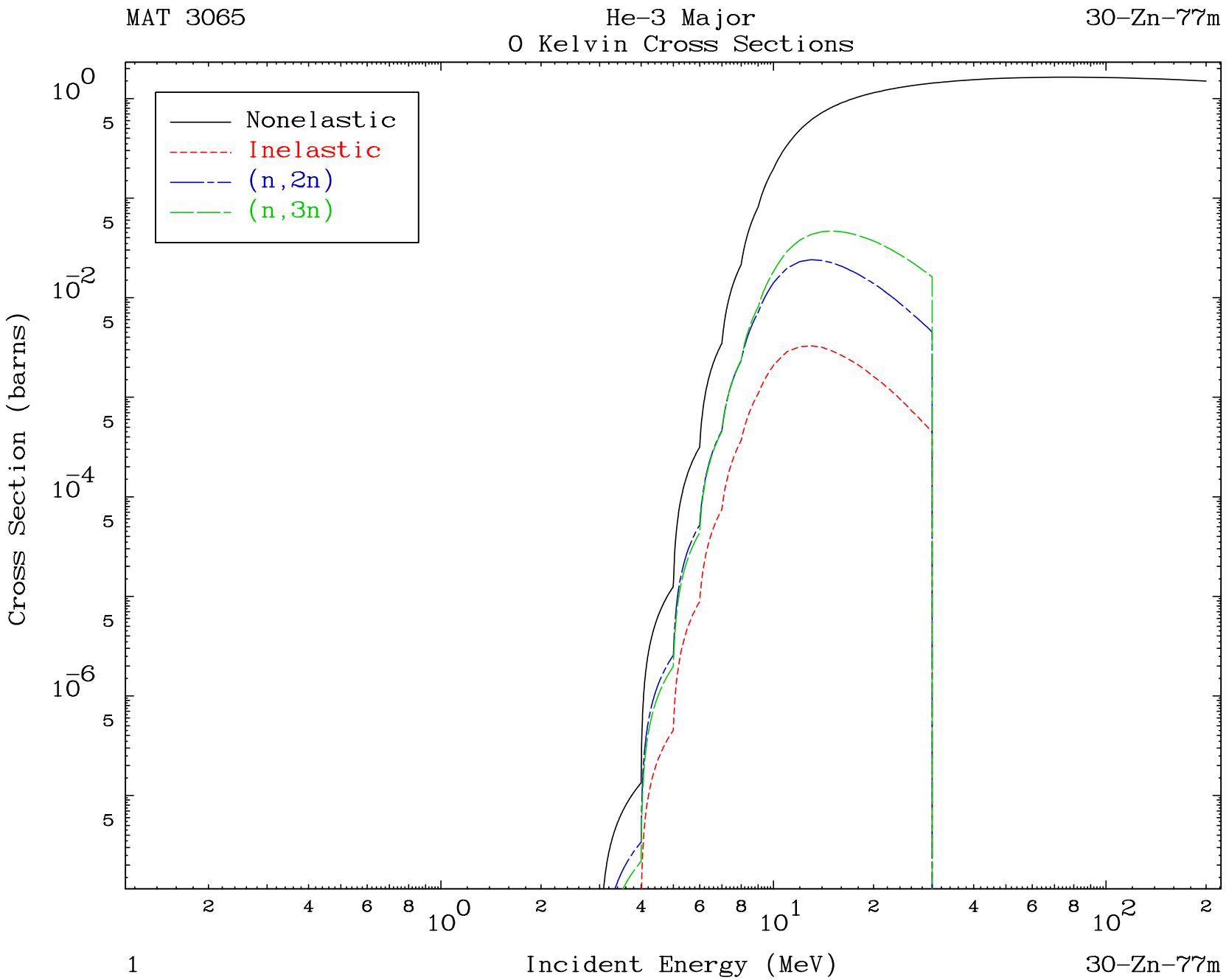
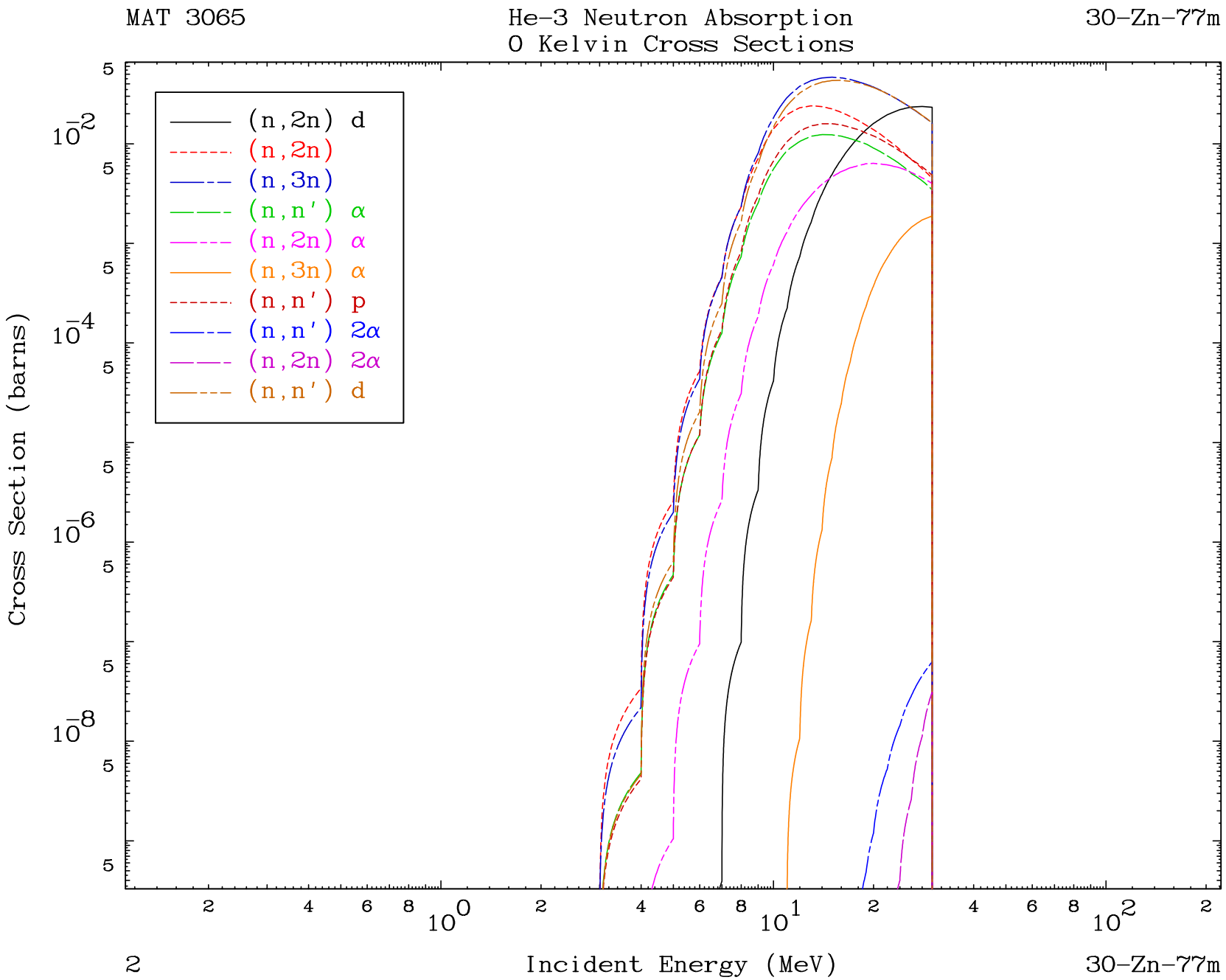
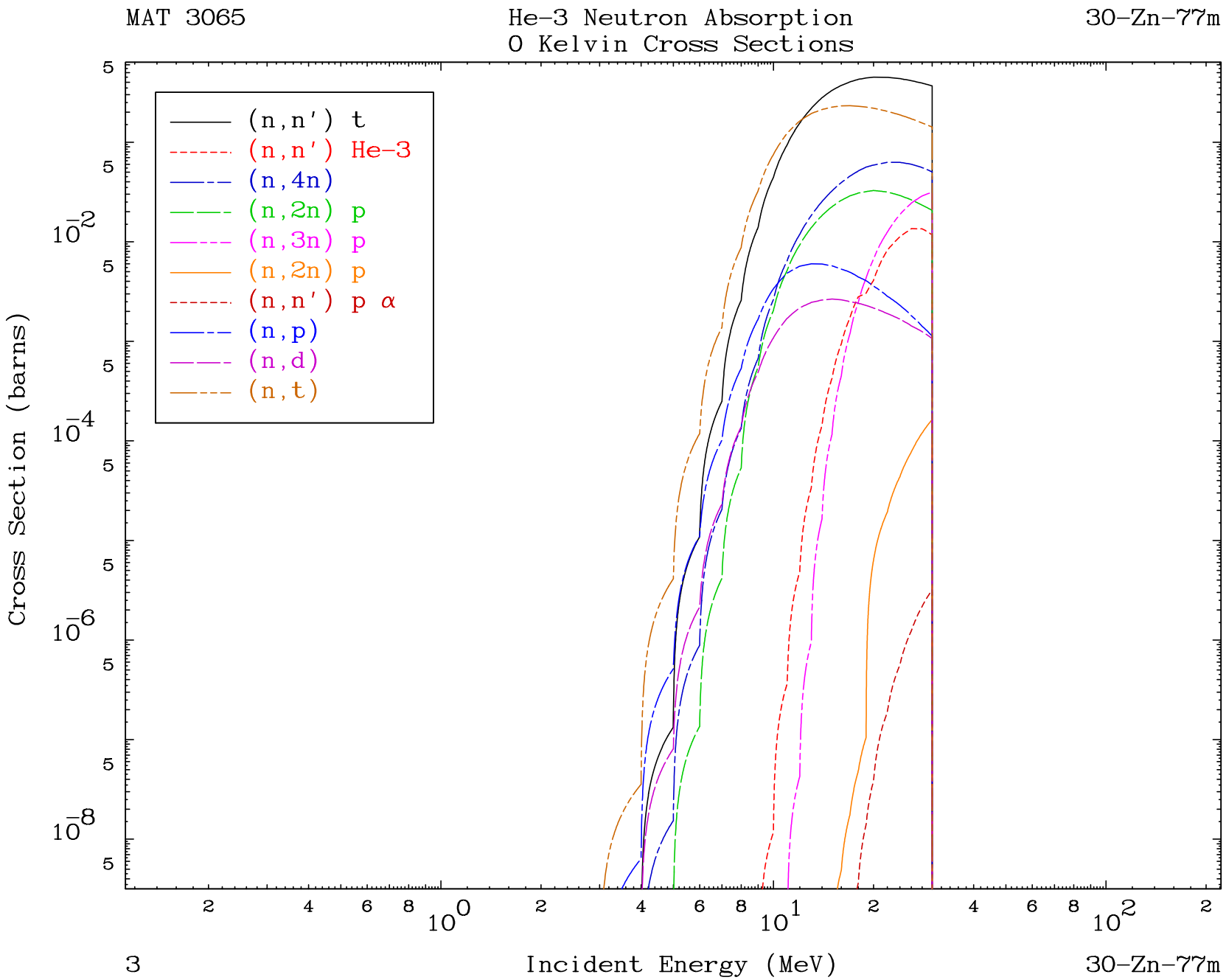
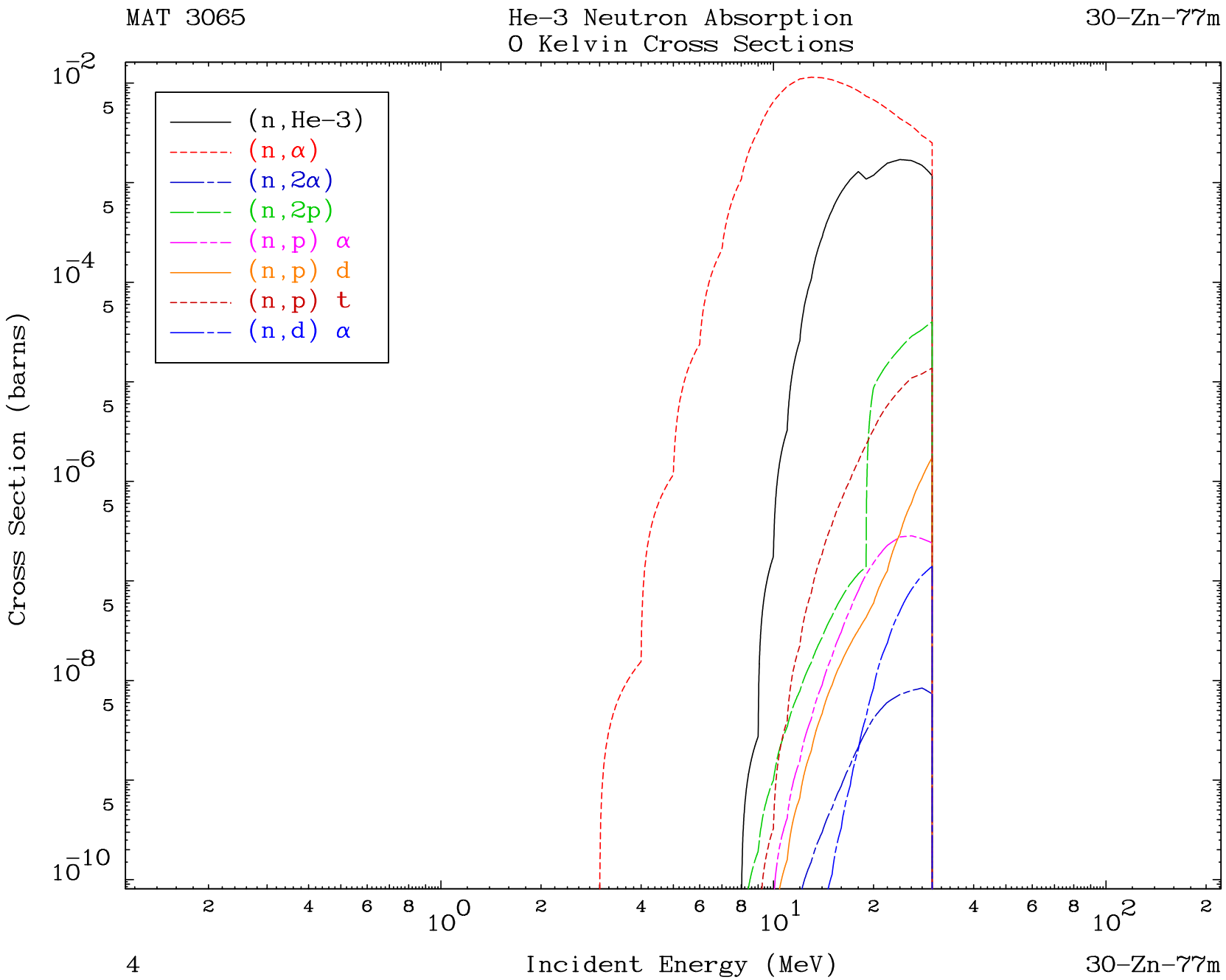
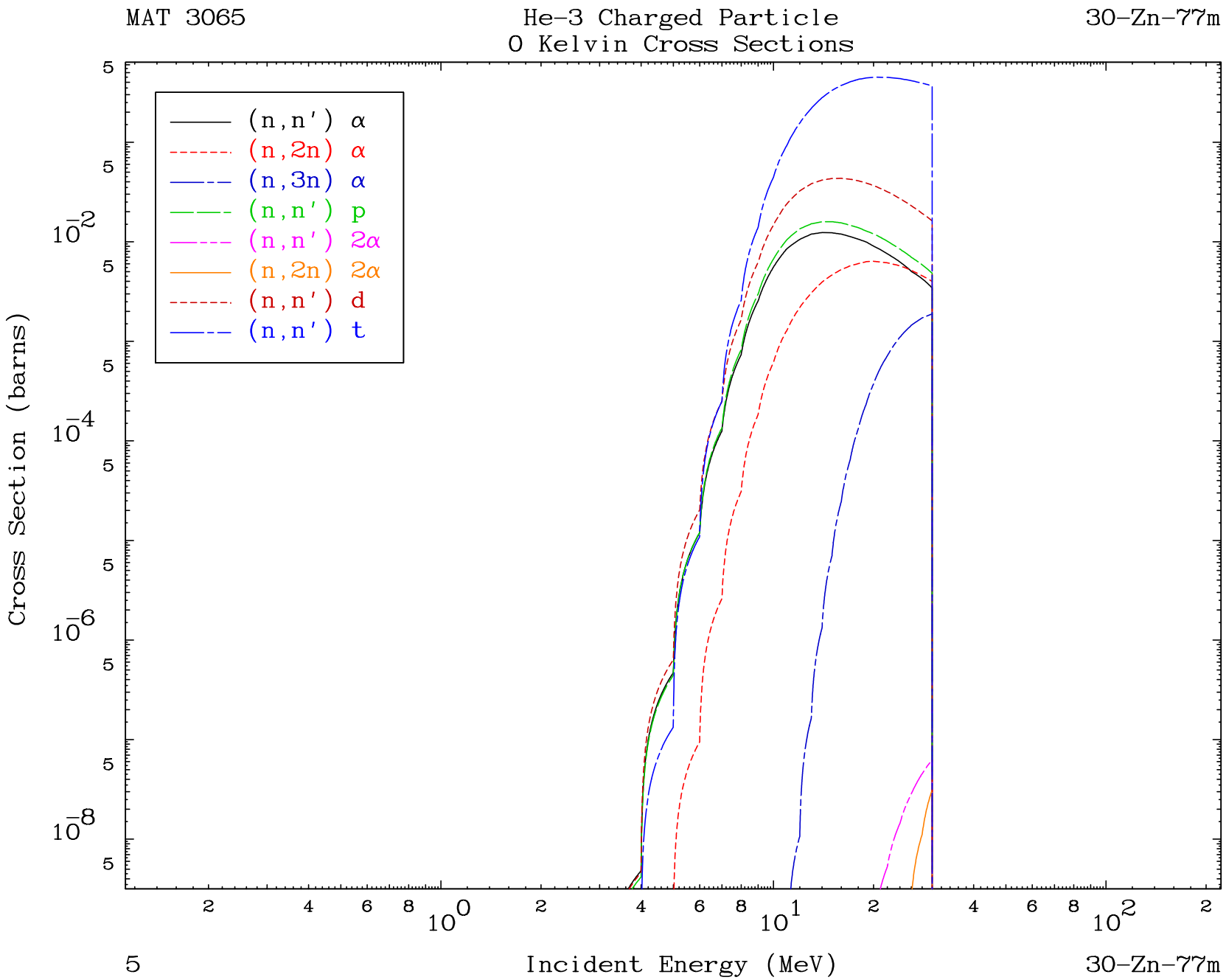
Press Mouse Button to Start

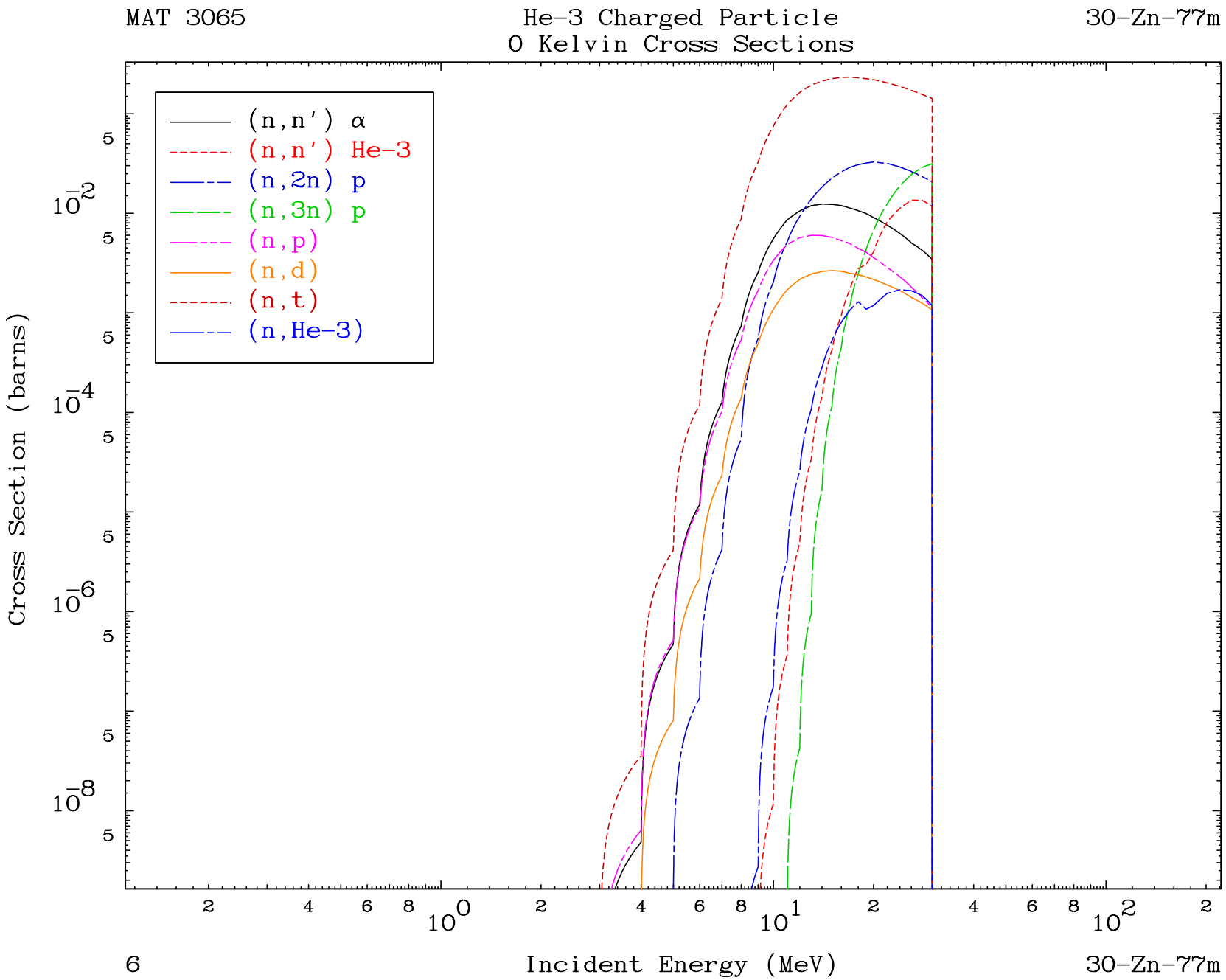

MAT 3065
He-3 Major
30-Zn-77m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
Cross Section (barns)
Incident Energy (MeV)
30-Zn-77m
1

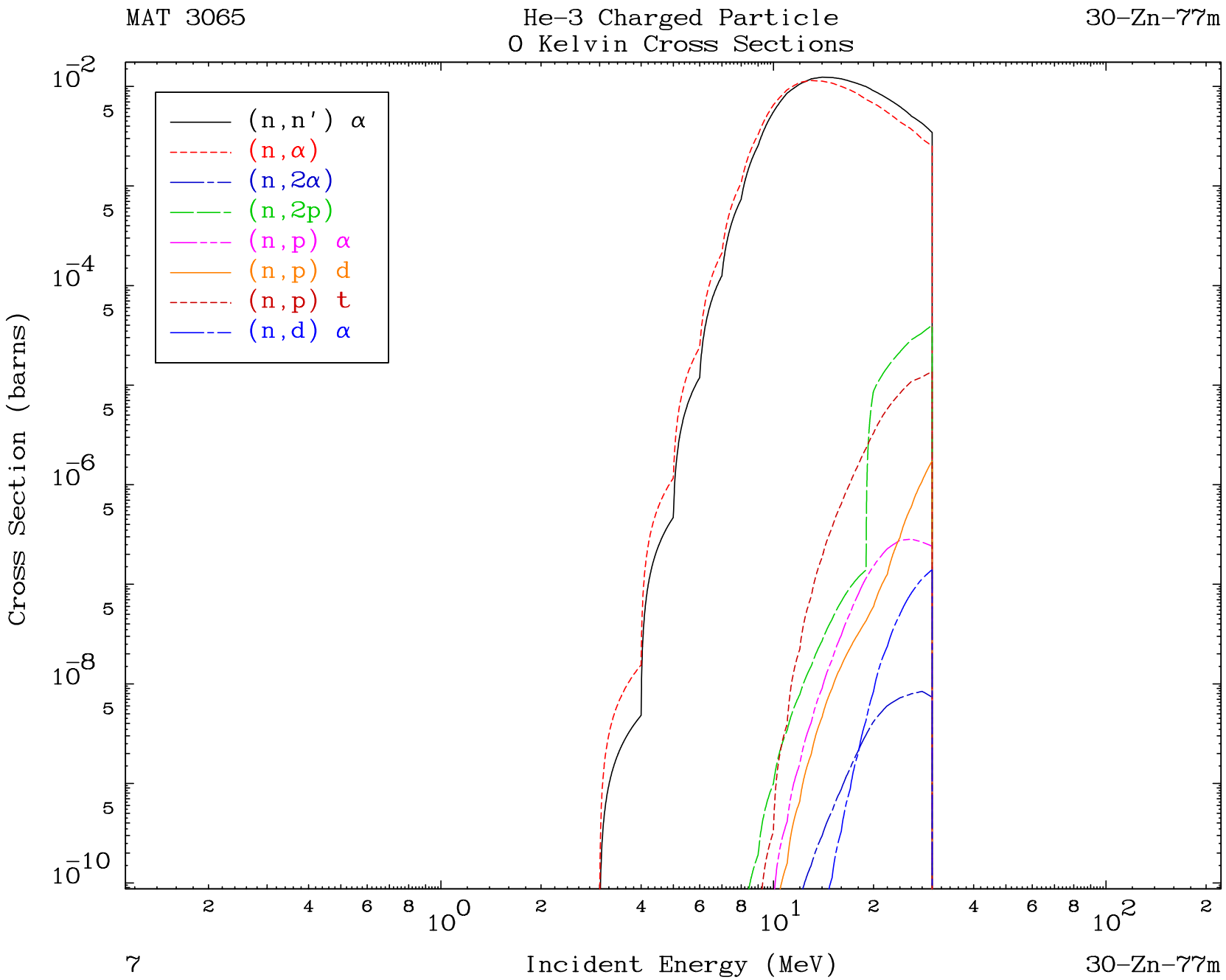

MAT 3065
He-3 Neutron Absorption
0 Kelvin Cross Sections
30-Zn-77m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
30-Zn-77m
2

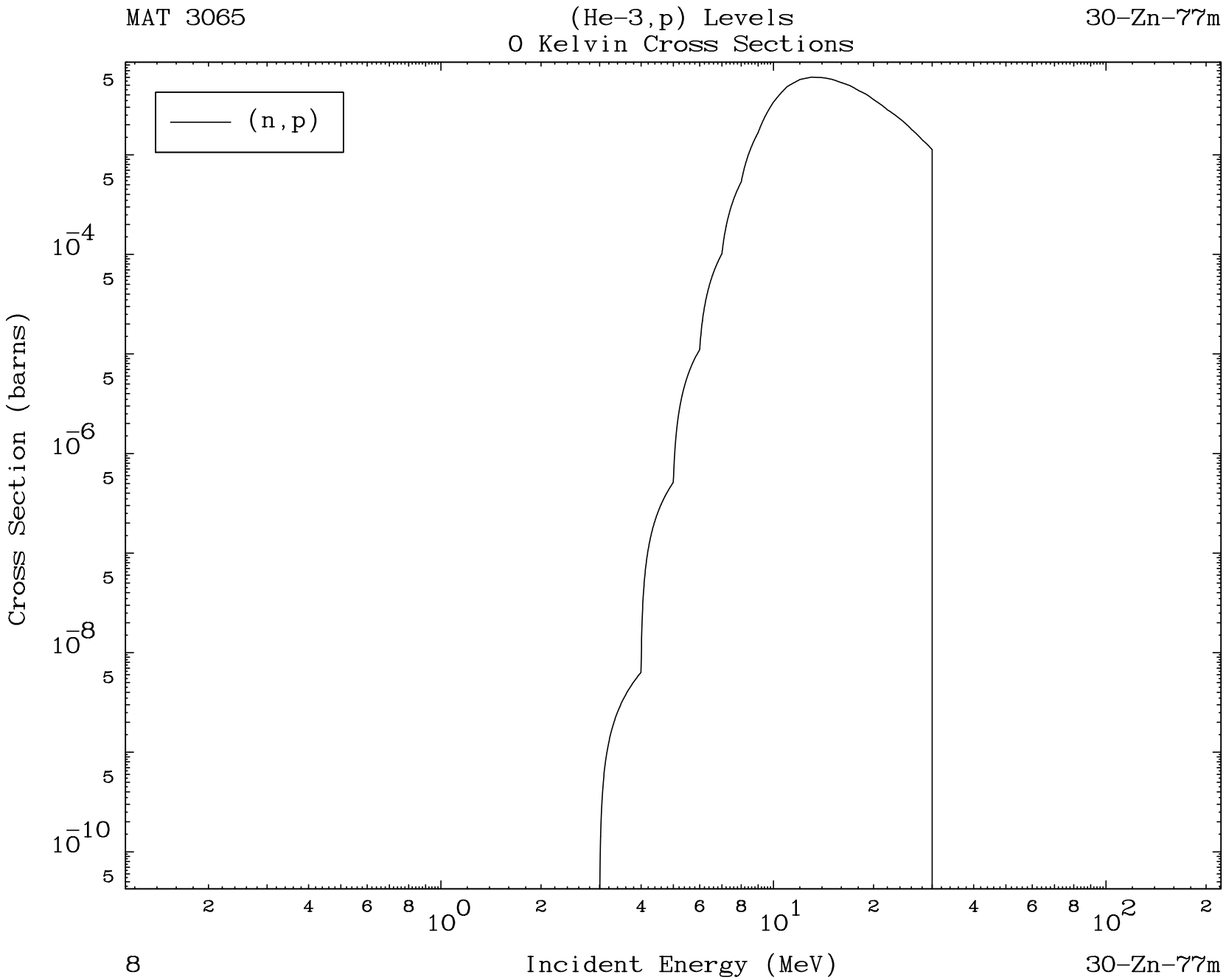

MAT 3065
He-3 Neutron Absorption
0 Kelvin Cross Sections
30-Zn-77m
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
30-Zn-77m

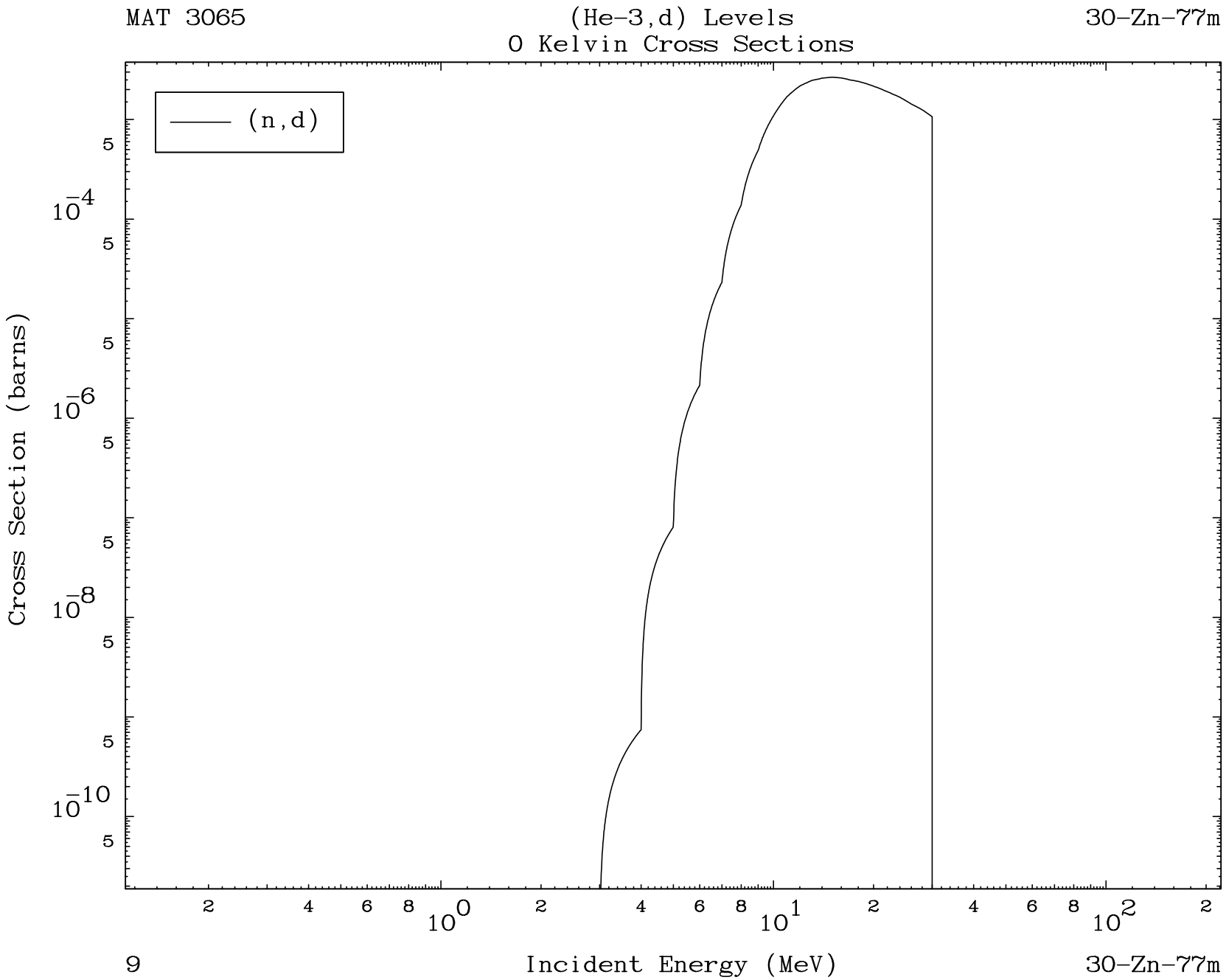

MAT 3065
He-3 Neutron Absorption
0 Kelvin Cross Sections
30-Zn-77m
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
30-Zn-77m
4

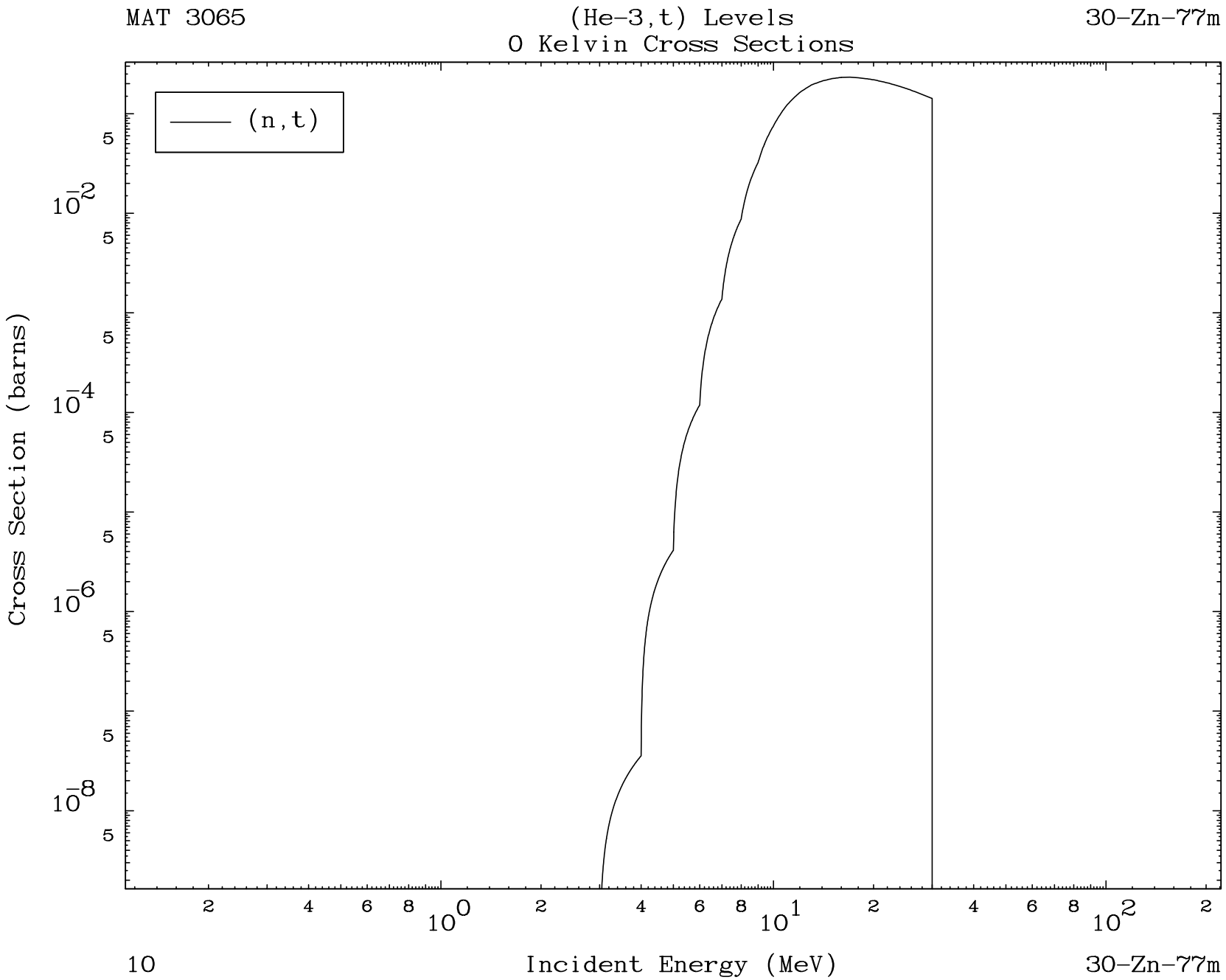

MAT 3065
He-3 Charged Particle
0 Kelvin Cross Sections
30-Zn-77m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
30-Zn-77m

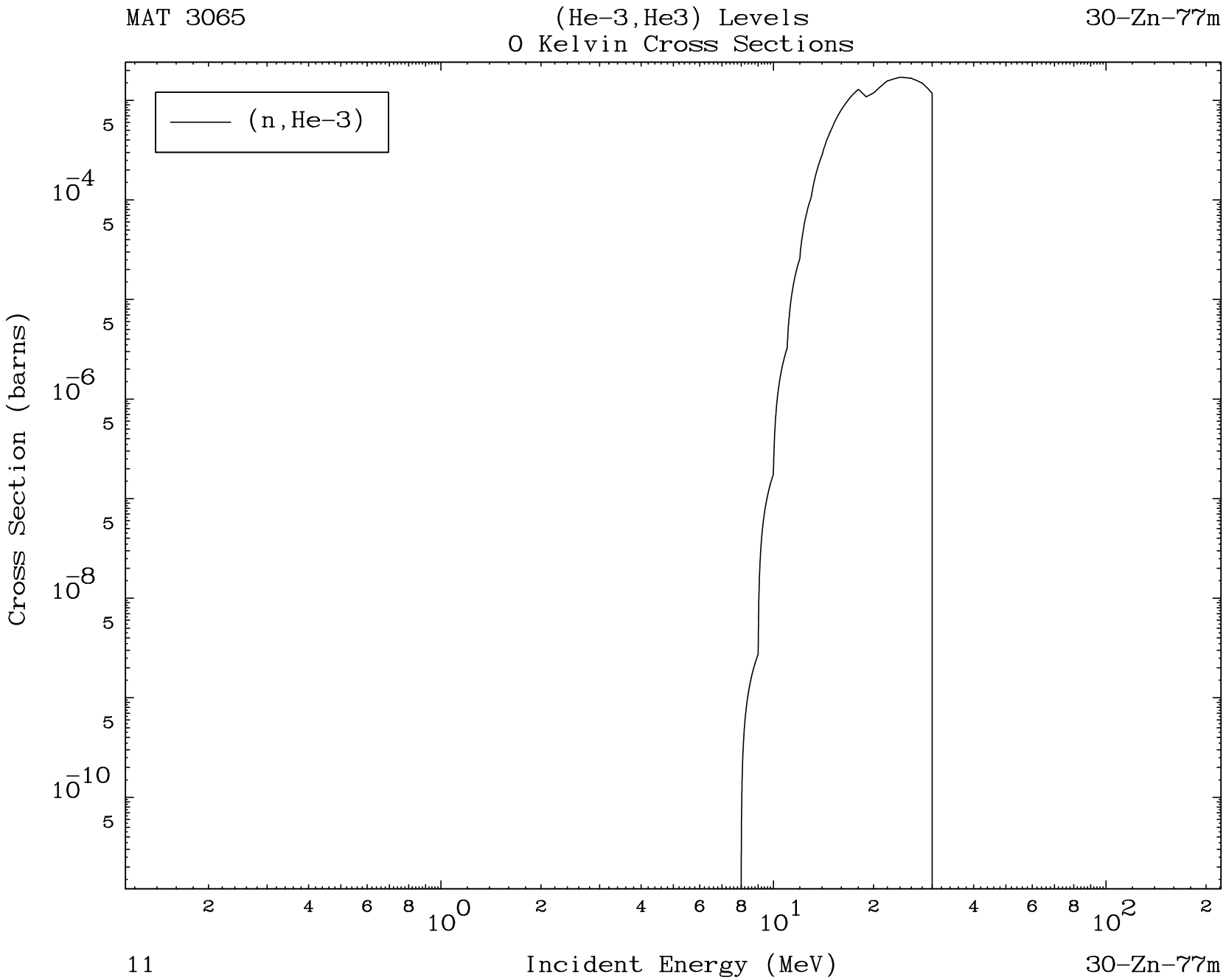

MAT 3065
He-3 Charged Particle
0 Kelvin Cross Sections
30-Zn-77m
(n,n') α
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
6
30-Zn-77m

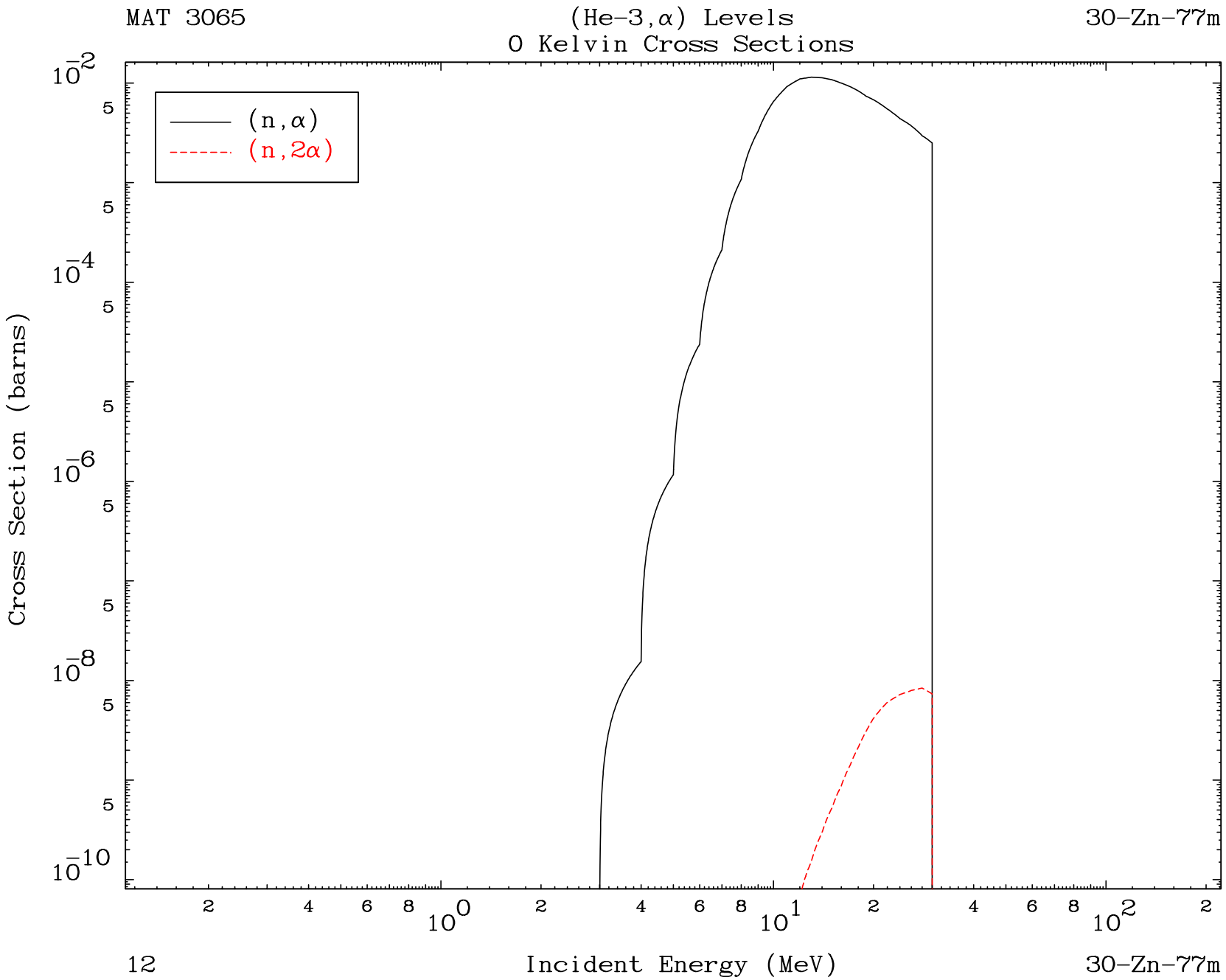

MAT 3065
He-3 Charged Particle
0 Kelvin Cross Sections
30-Zn-77m
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
30-Zn-77m

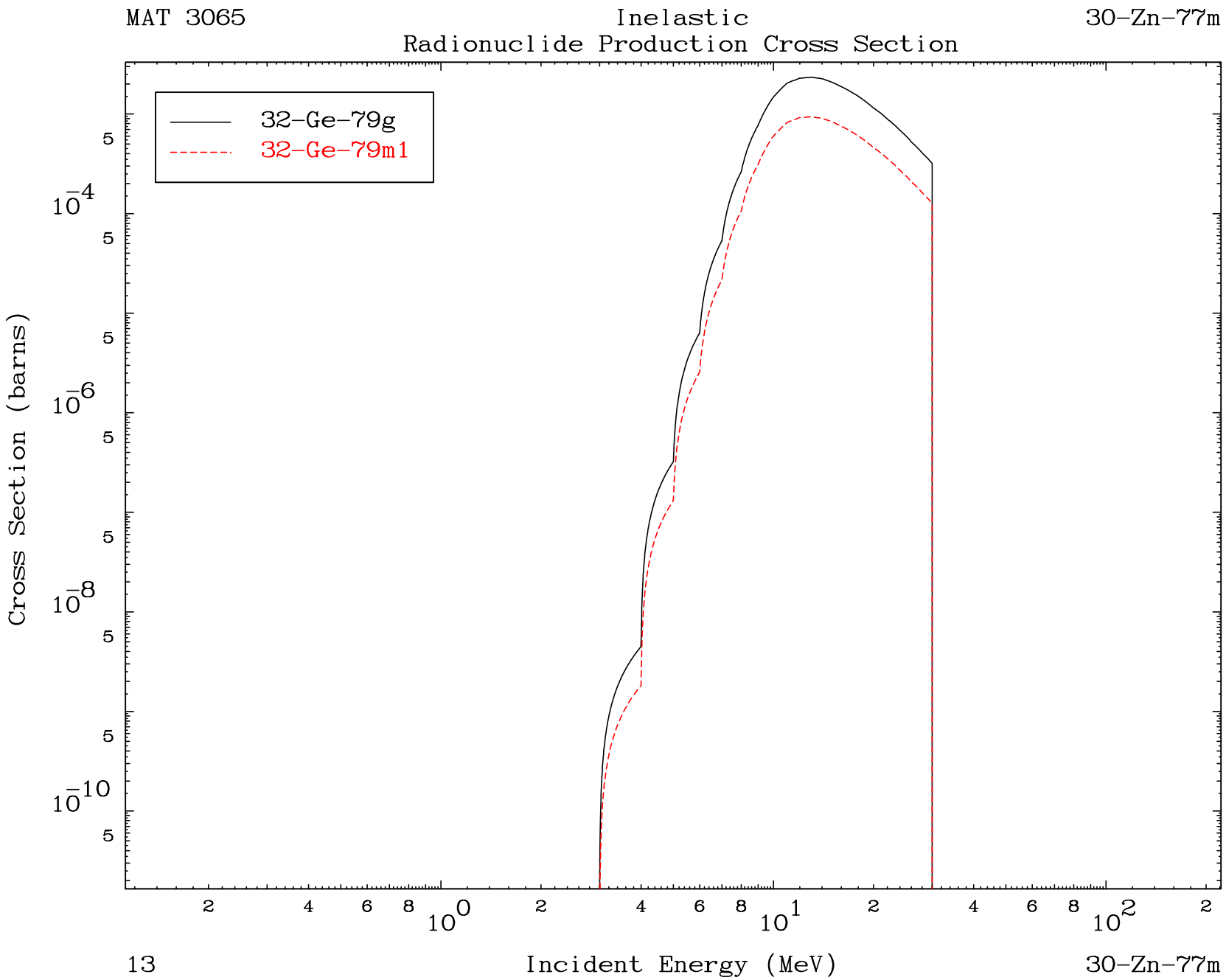

MAT 3065
(He-3,p) Levels
0 Kelvin Cross Sections
30-Zn-77m
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
30-Zn-77m

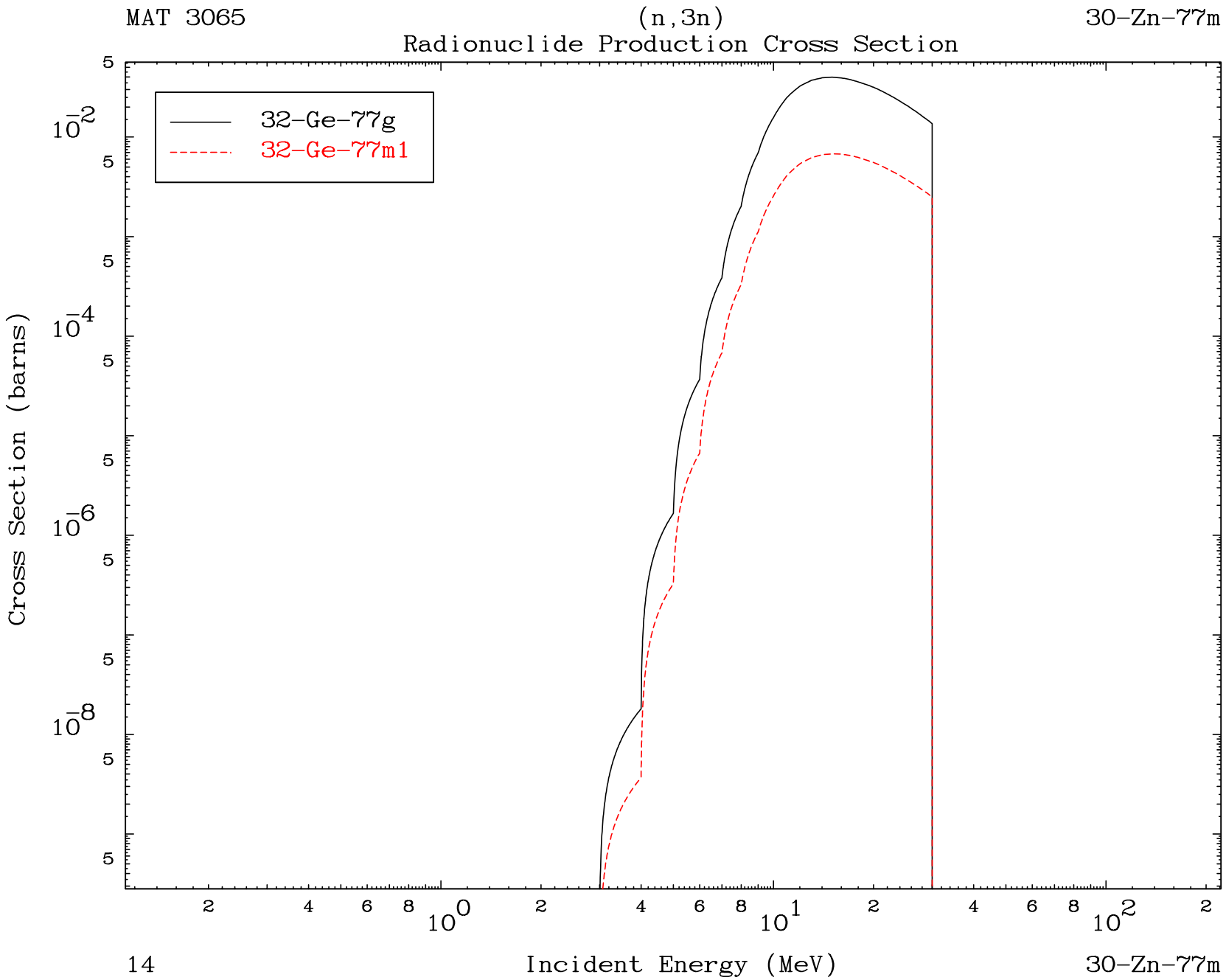

MAT 3065
(He-3,d) Levels
0 Kelvin Cross Sections
30-Zn-77m
(n,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
9
30-Zn-77m

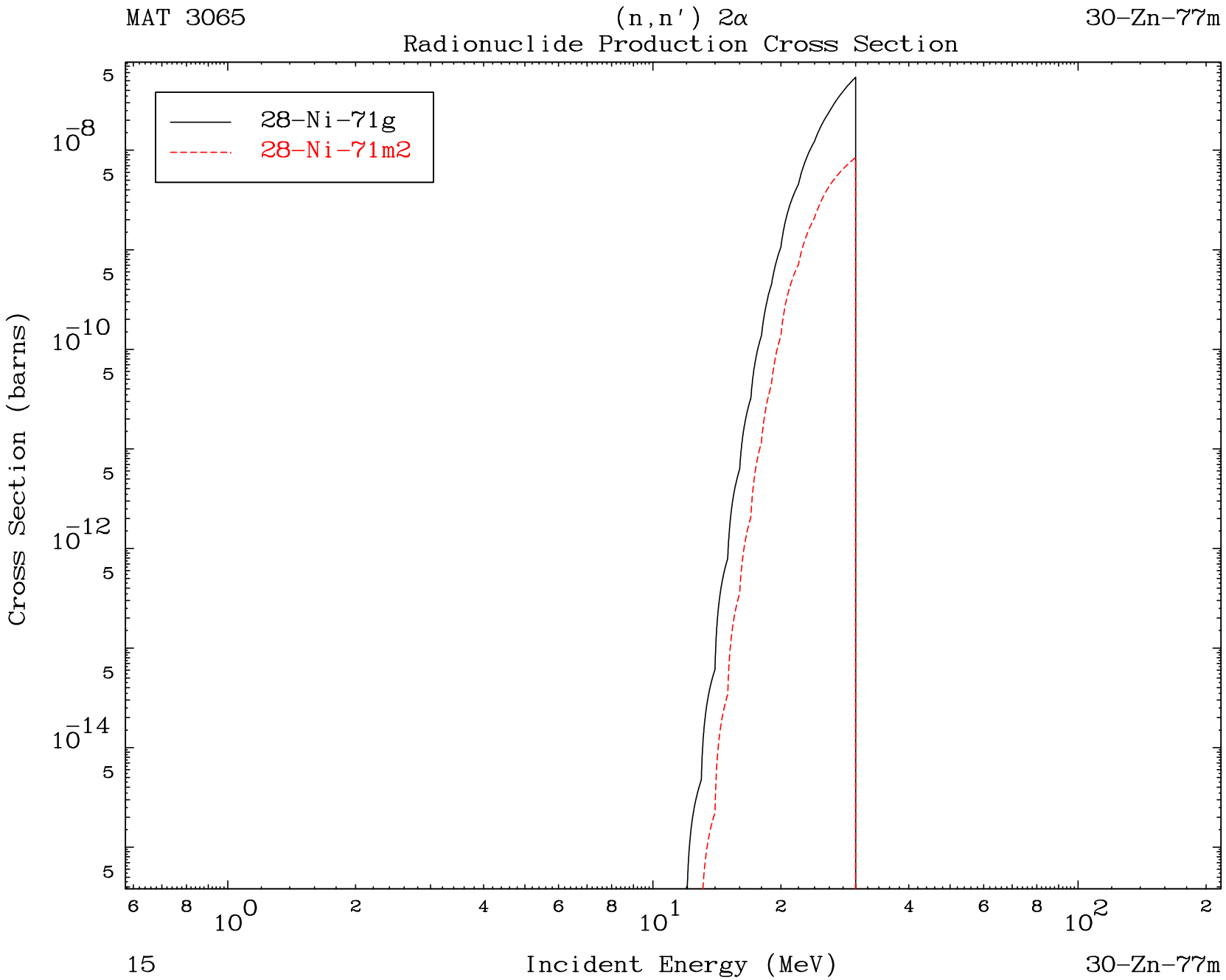

MAT 3065
(He-3,t) Levels
30-Zn-77m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
10
30-Zn-77m

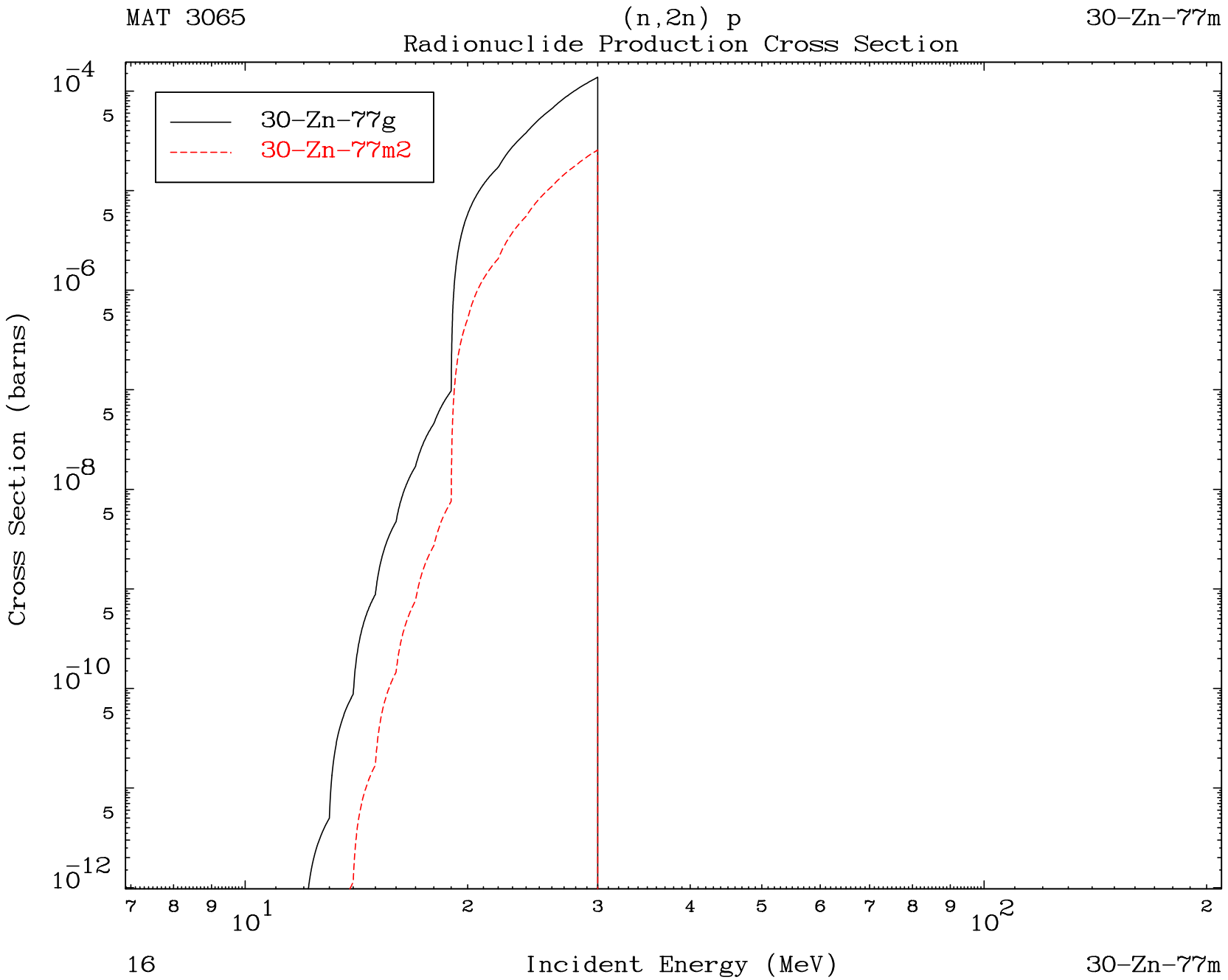

MAT 3065
(He-3,He3) Levels
30-Zn-77m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
11
30-Zn-77m

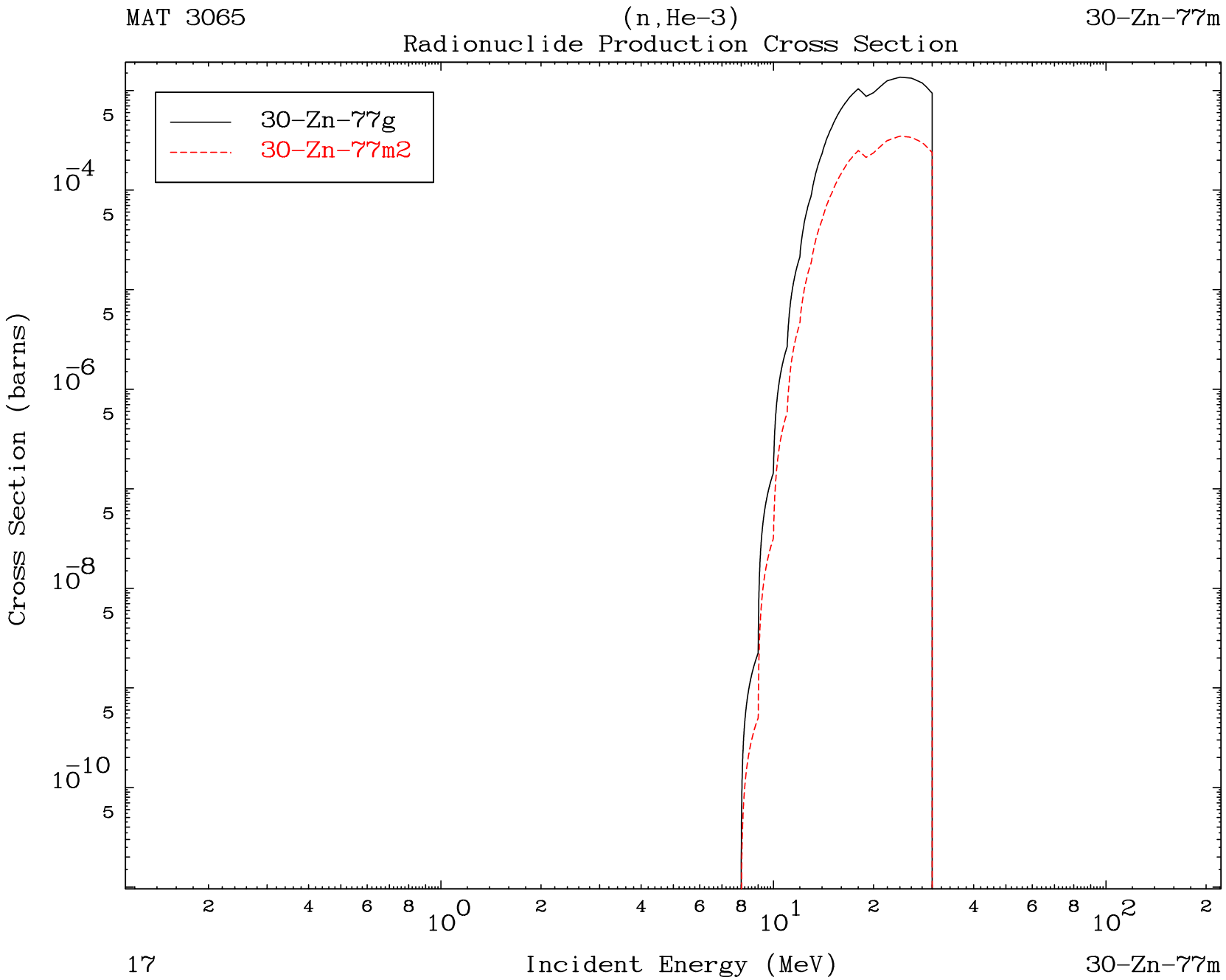

MAT 3065
(He-3,α) Levels
0 Kelvin Cross Sections
30-Zn-77m
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
12
30-Zn-77m

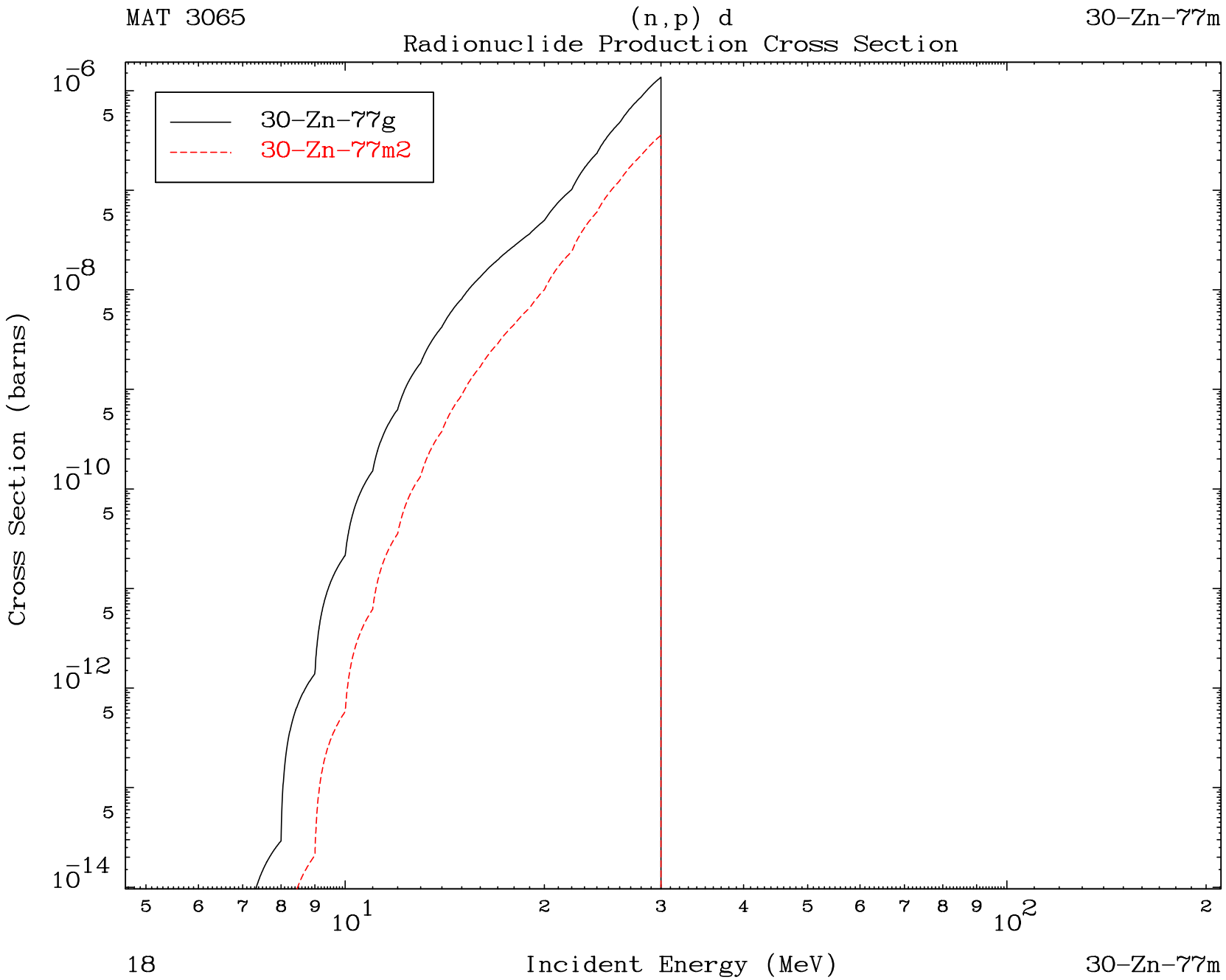

MAT 3065
Inelastic
30-Zn-77m
Radionuclide Production Cross Section
32-Ge-79g
32-Ge-79m1
Cross Section (barns)
Incident Energy (MeV)
13
30-Zn-77m


MAT 3065
(n,3n)
30-Zn-77m
Radionuclide Production Cross Section
32-Ge-77g
32-Ge-77m1
Cross Section (barns)
Incident Energy (MeV)
14
30-Zn-77m


MAT 3065
(n,n') 2α
30-Zn-77m
Radionuclide Production Cross Section
28-Ni-71g
28-Ni-71m2
Cross Section (barns)
Incident Energy (MeV)
15
30-Zn-77m


MAT 3065
(n,2n) p
30-Zn-77m
Radionuclide Production Cross Section
30-Zn-77g
30-Zn-77m2
Cross Section (barns)
Incident Energy (MeV)
16
30-Zn-77m


MAT 3065
(n,He-3)
30-Zn-77m
Radionuclide Production Cross Section
30-Zn-77g
30-Zn-77m2
Cross Section (barns)
Incident Energy (MeV)
17
30-Zn-77m


MAT 3065
(n,p) d
30-Zn-77m
Radionuclide Production Cross Section
30-Zn-77g
30-Zn-77m2
Cross Section (barns)
Incident Energy (MeV)
18
30-Zn-77m