Program EVALPLOT
(Version 2018-1)
by
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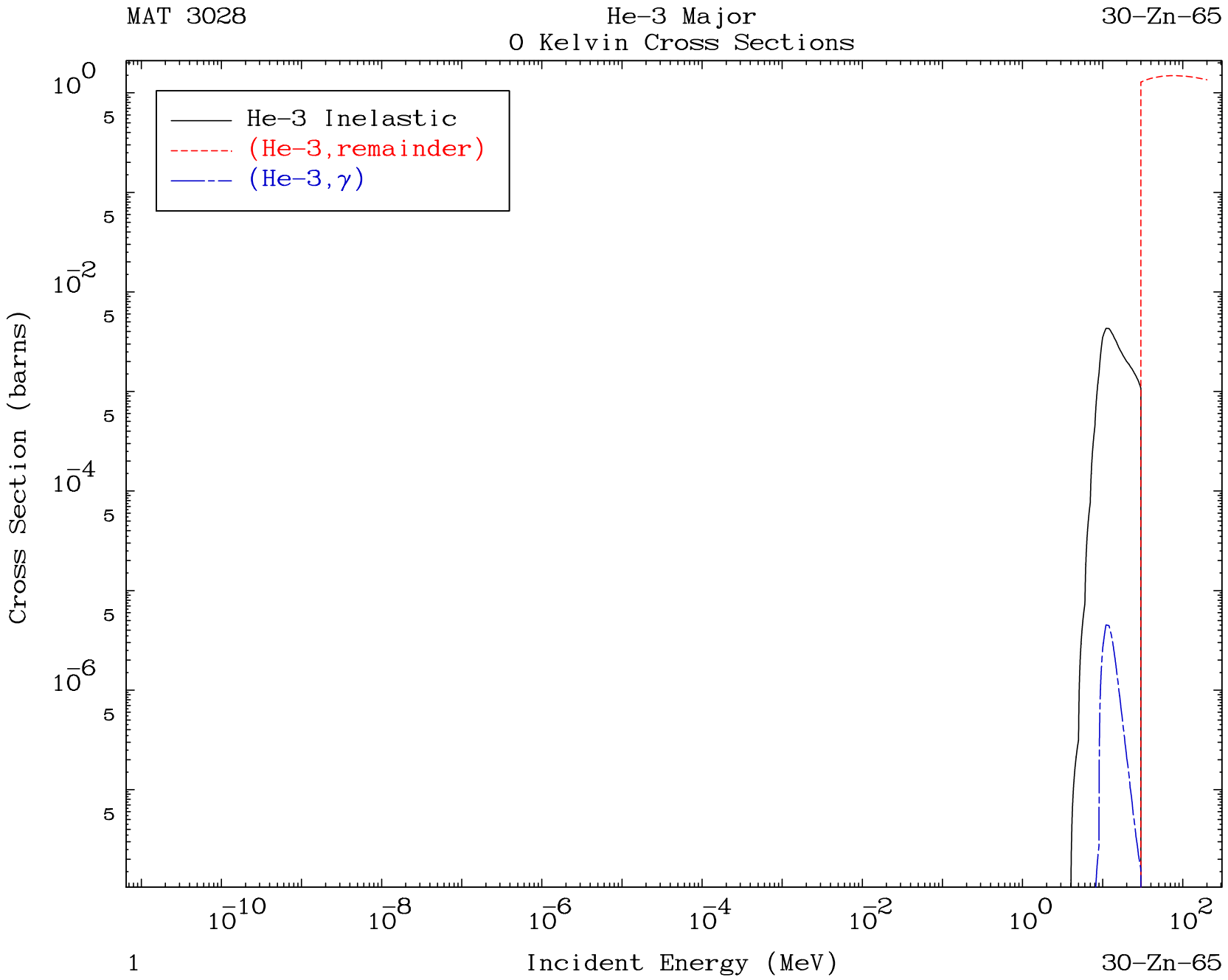
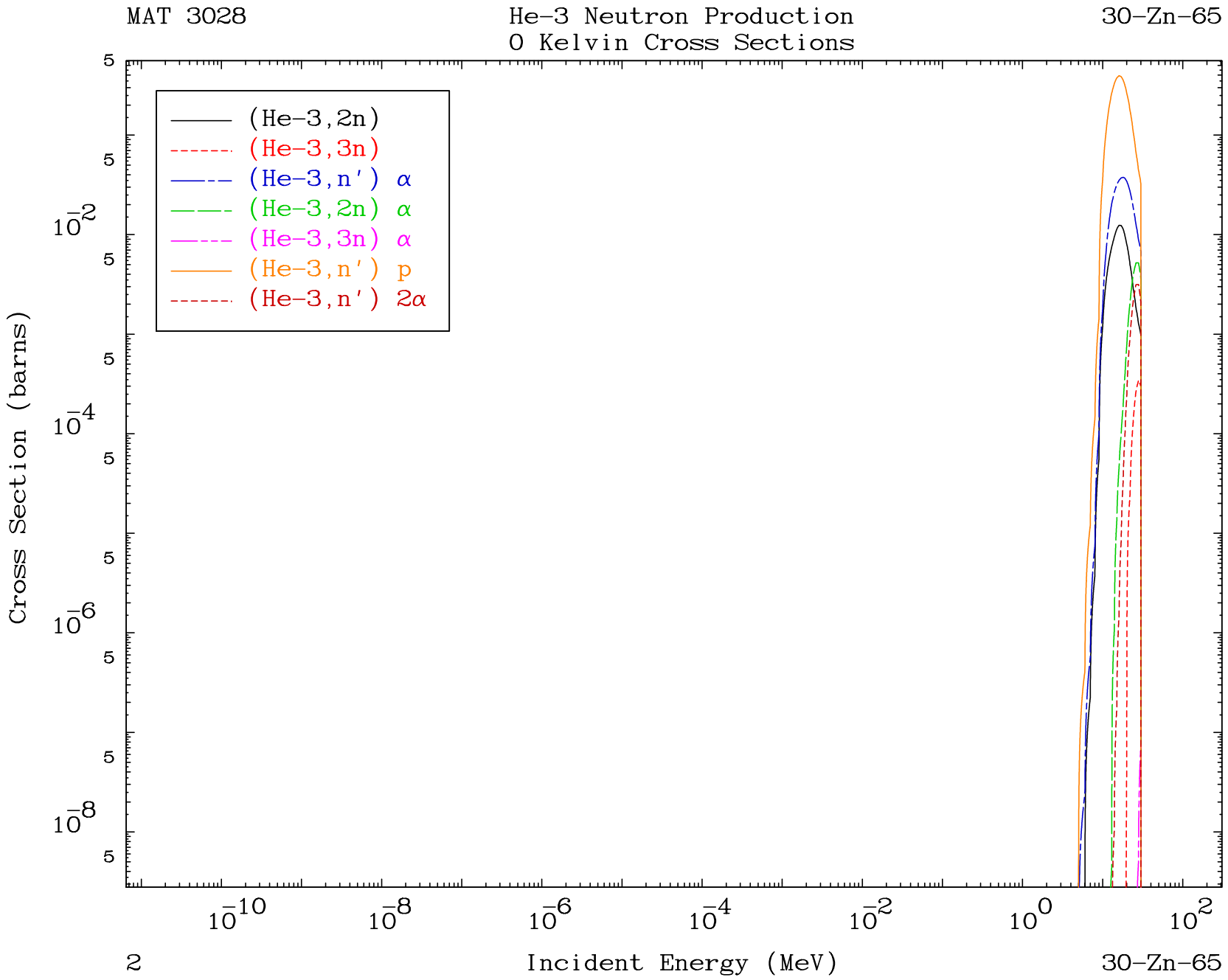
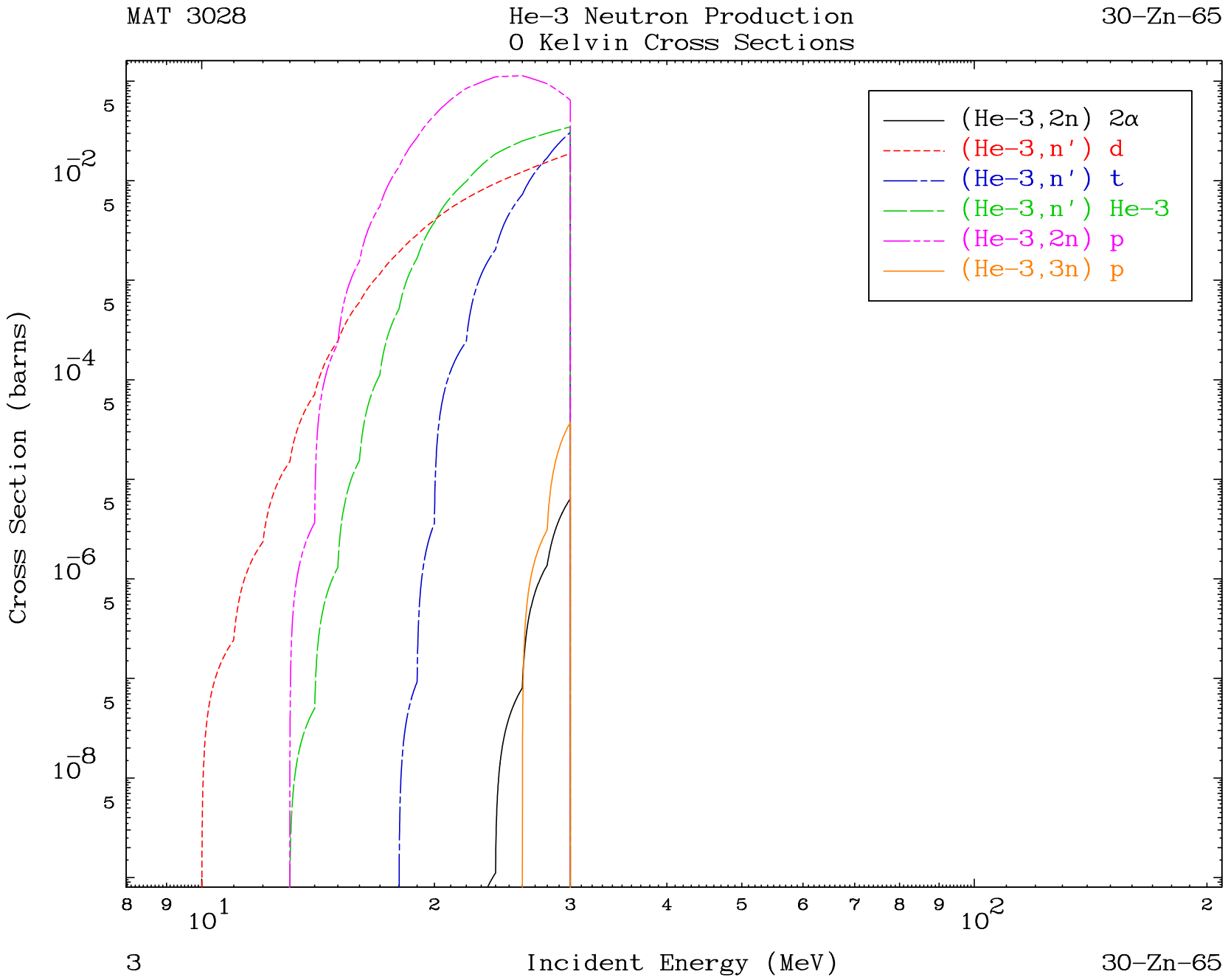
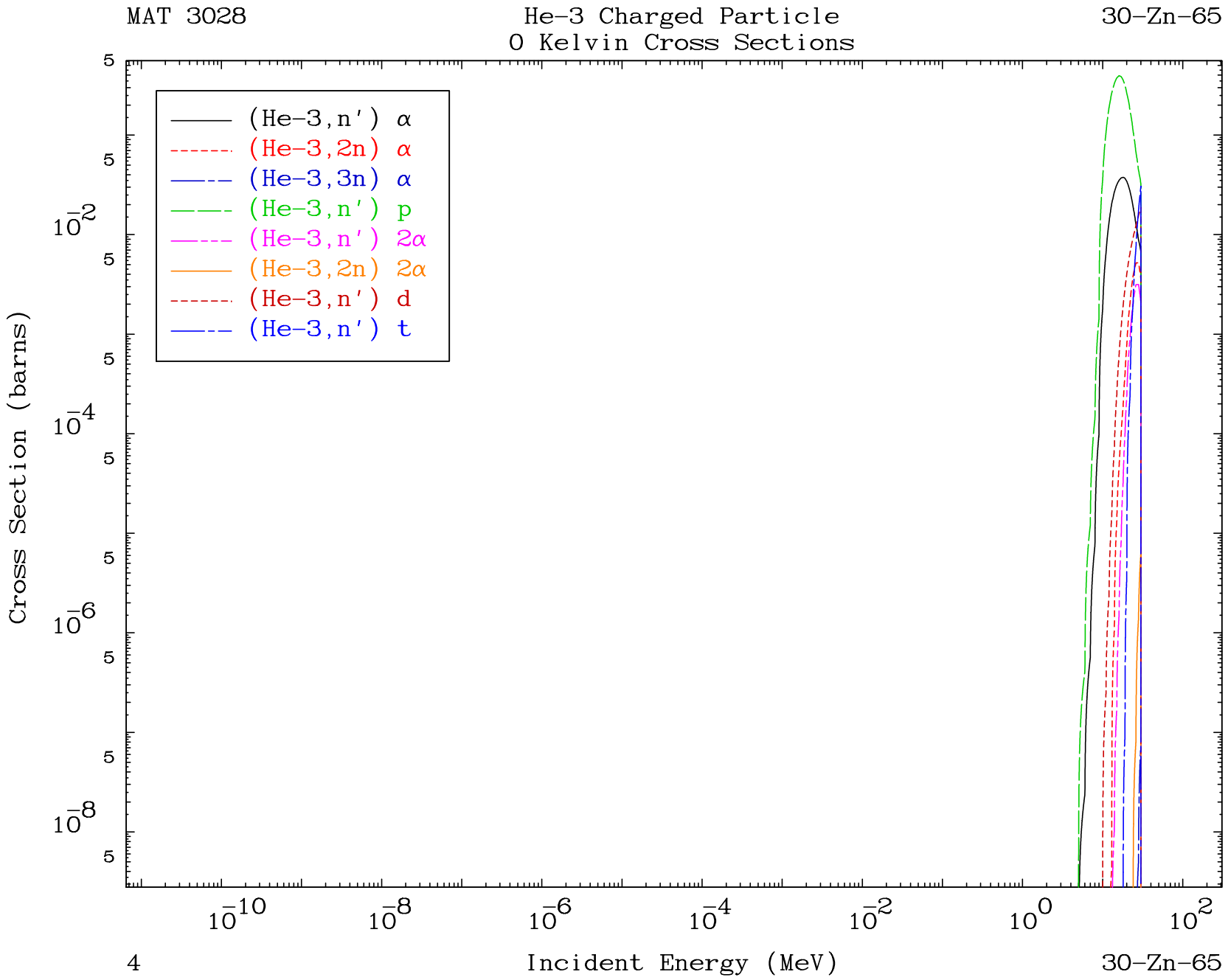
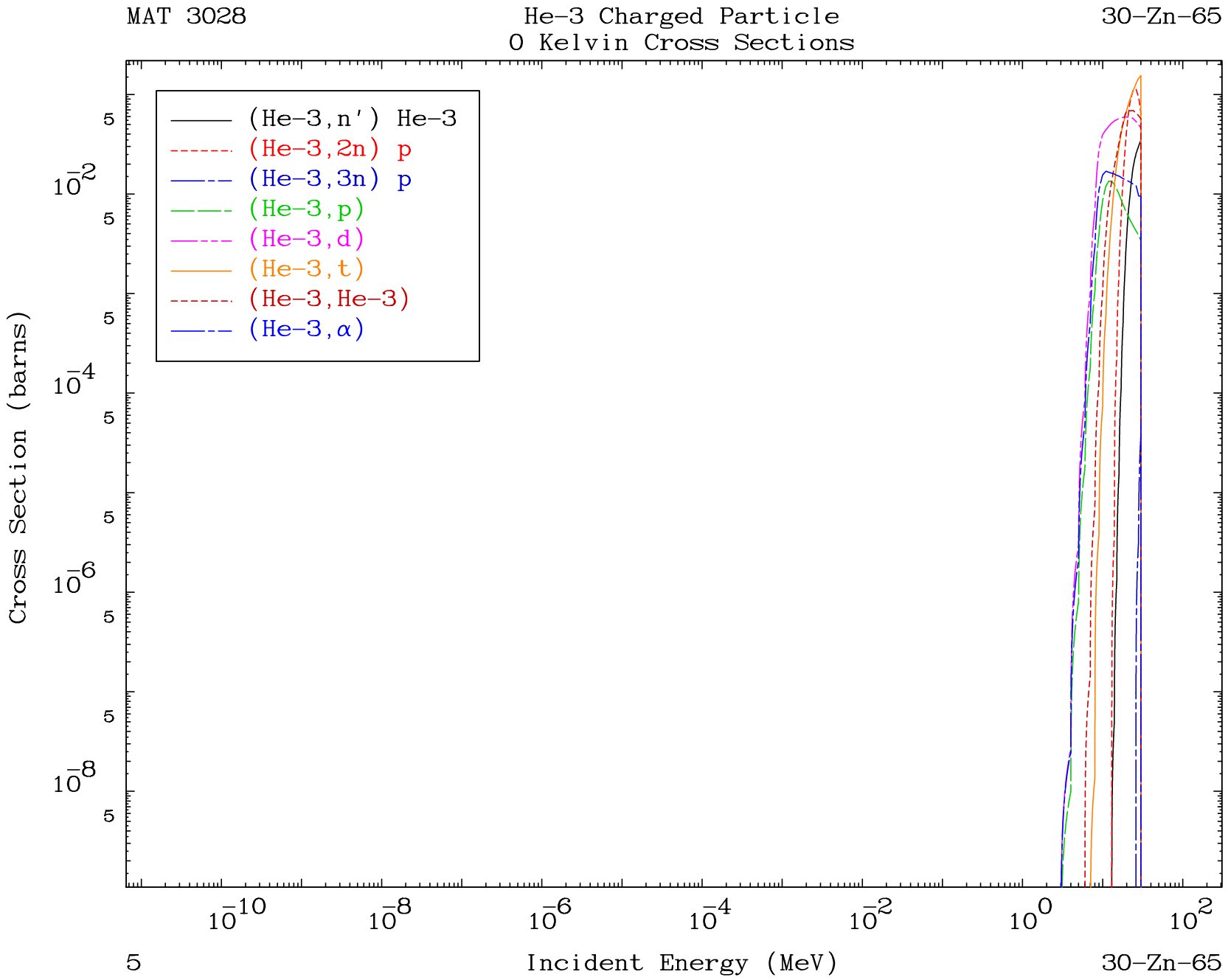
Press Mouse Button to Start

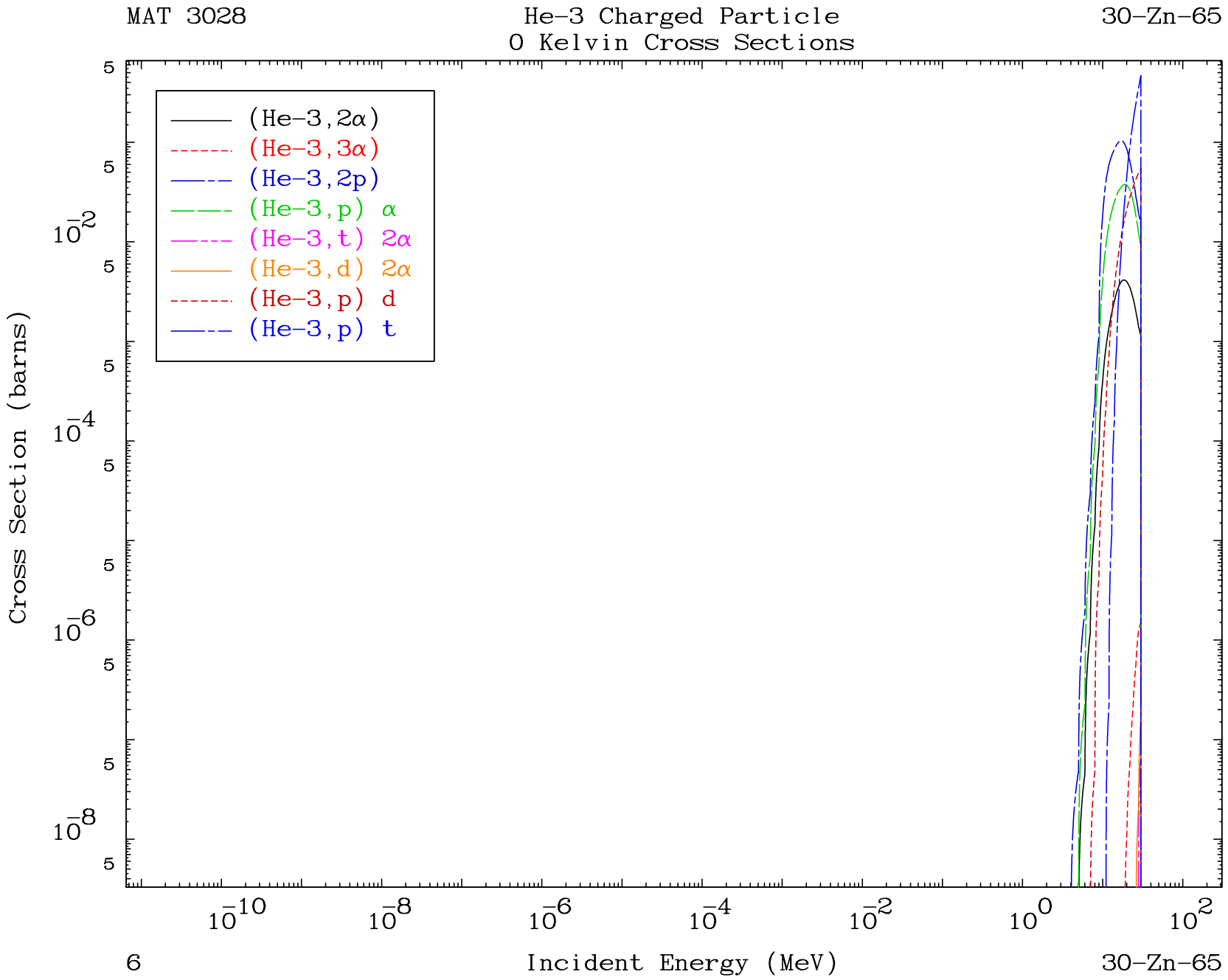

MAT 3028
He-3 Major
30-Zn-65
0 Kelvin Cross Sections
He-3 Inelastic
(He-3,remainder)
(He-3,γ)
Cross Section (barns)
Incident Energy (MeV)
1
30-Zn-65

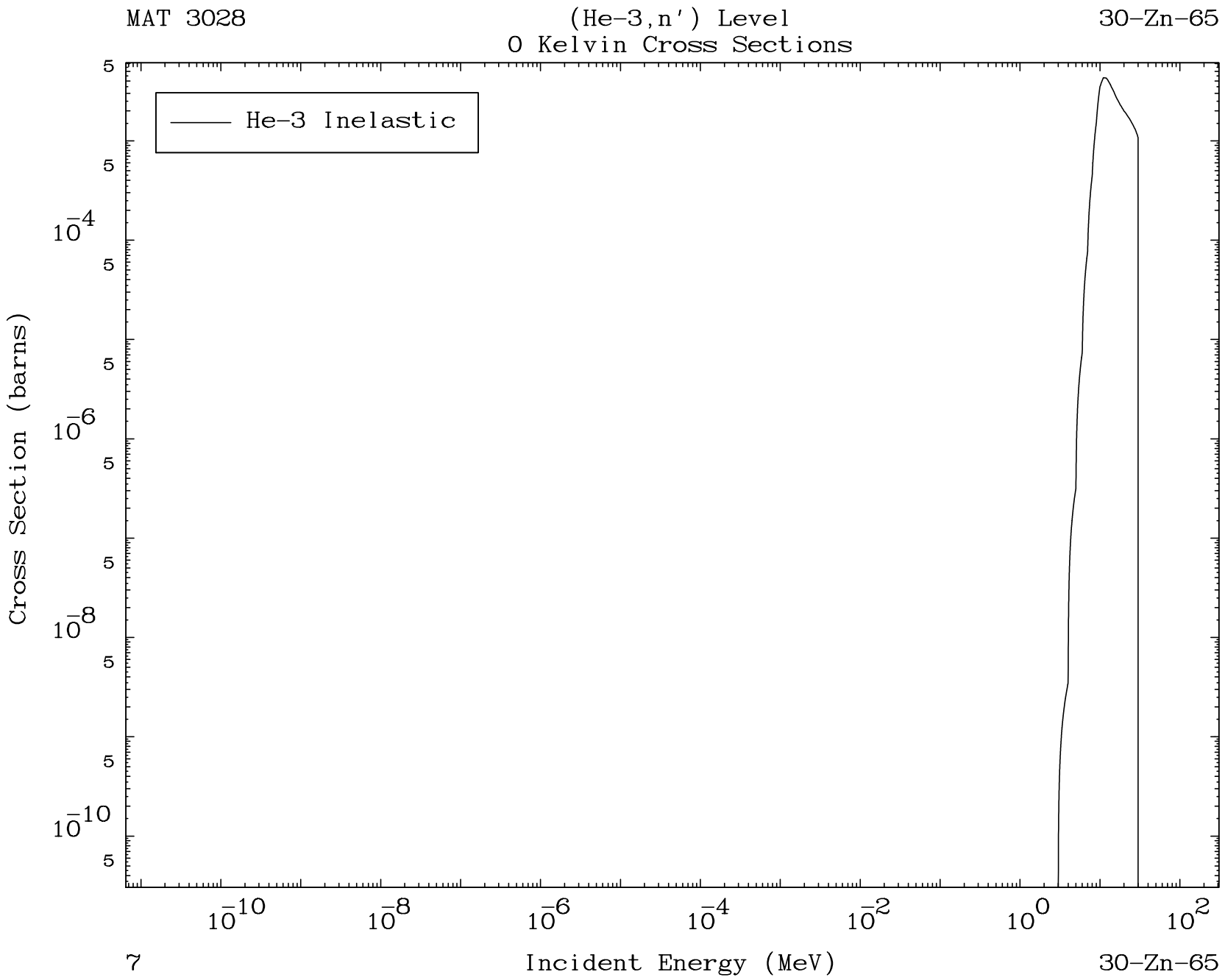

MAT 3028
He-3 Neutron Production
0 Kelvin Cross Sections
30-Zn-65
(He-3,2n)
(He-3,3n)
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
30-Zn-65

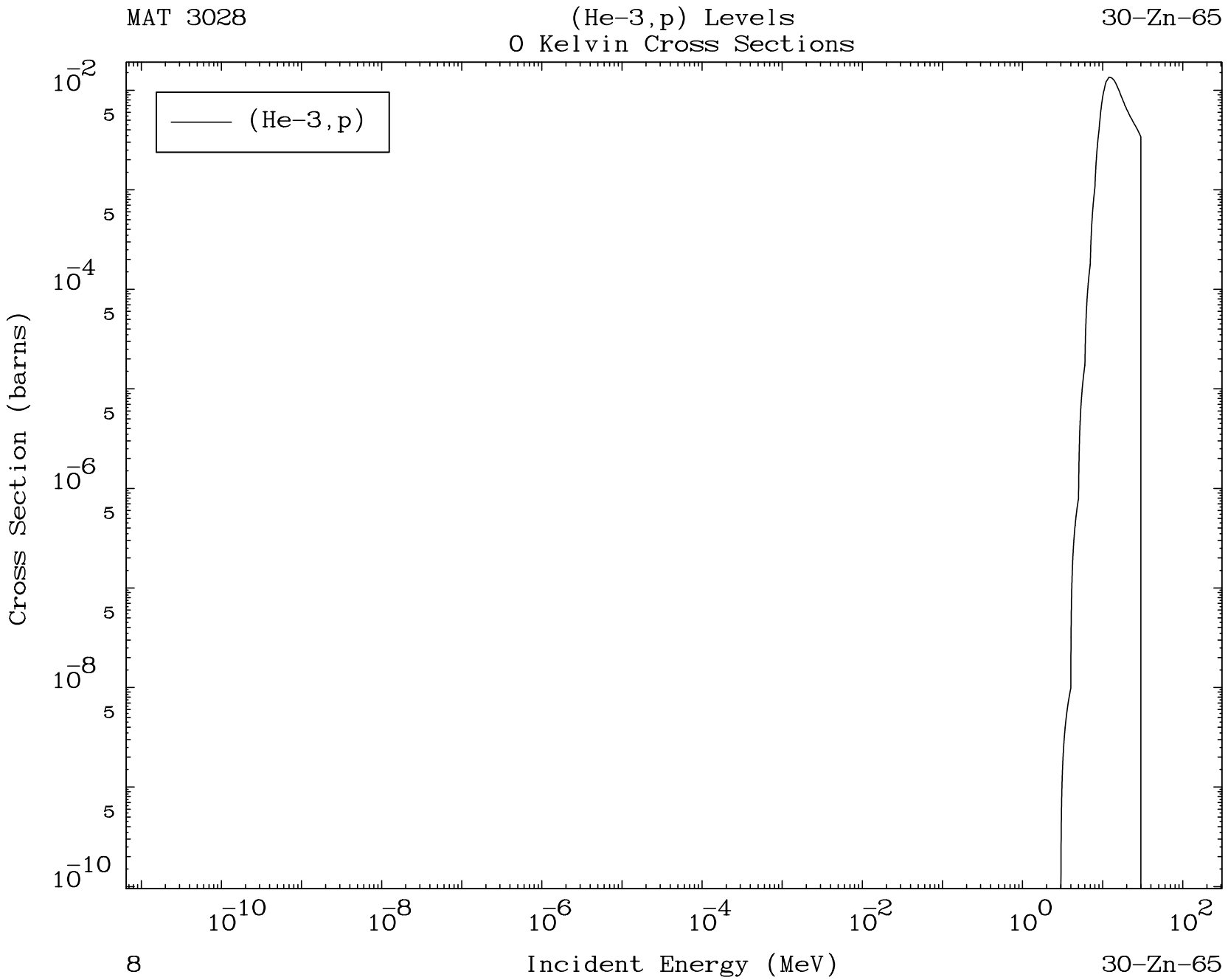

MAT 3028
He-3 Neutron Production
0 Kelvin Cross Sections
30-Zn-65
(He-3,2n) 2α
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
10-2
10-4
10-6
10-8
8 9 10 2 3 4 5 6 7 8 9 10 2
Incident Energy (MeV)
3
30-Zn-65

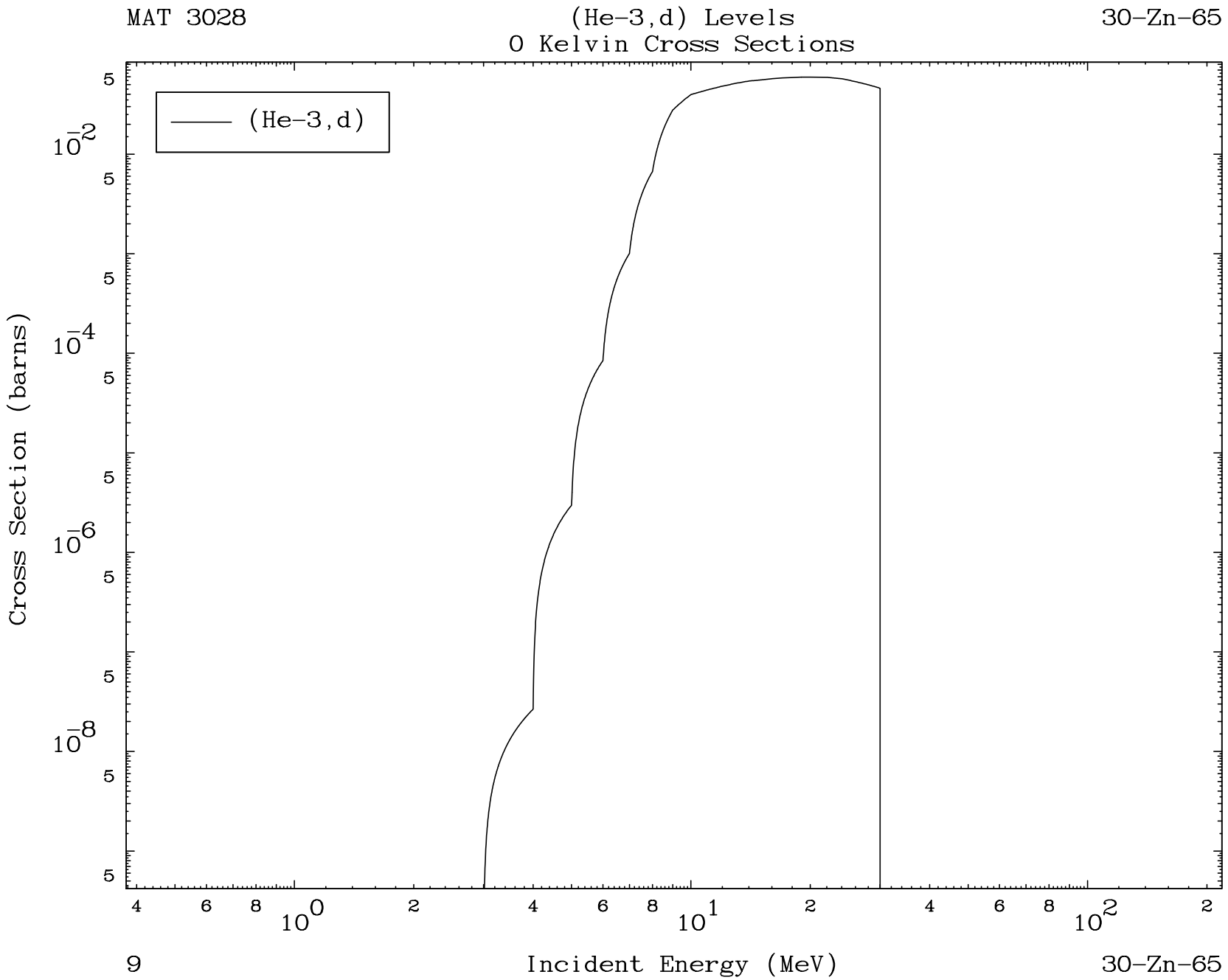

MAT 3028
He-3 Charged Particle
0 Kelvin Cross Sections
30-Zn-65
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') 2α
(He-3,2n) 2α
(He-3,n') d
(He-3,n') t
Cross Section (barns)
Incident Energy (MeV)
4
30-Zn-65

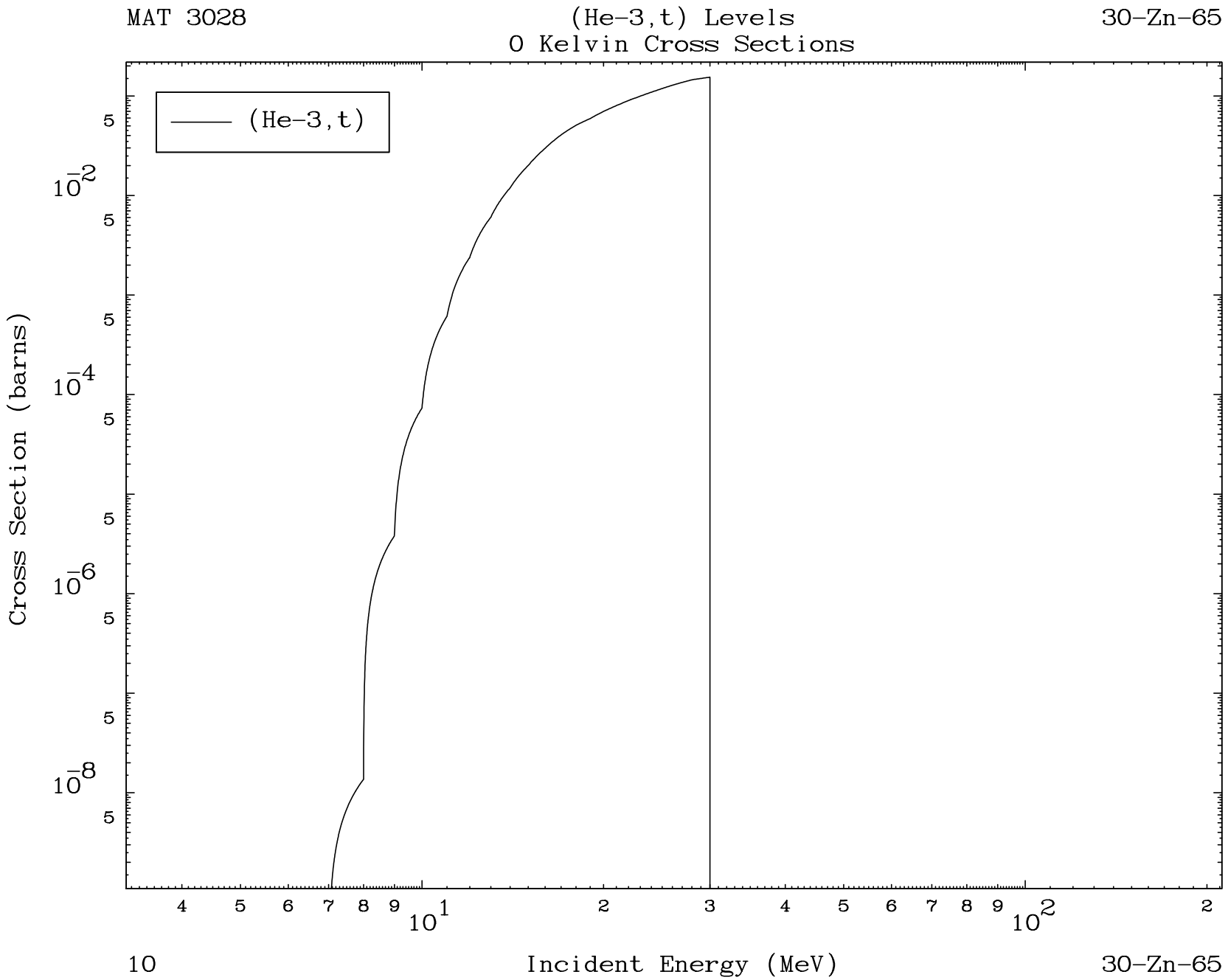

MAT 3028
He-3 Charged Particle
0 Kelvin Cross Sections
30-Zn-65
(He-3,n') He-3
(He-3,2n) p
(He-3,3n) p
(He-3,p)
(He-3,d)
(He-3,t)
(He-3,He-3)
(He-3,α)
Cross Section (barns)
Incident Energy (MeV)
30-Zn-65

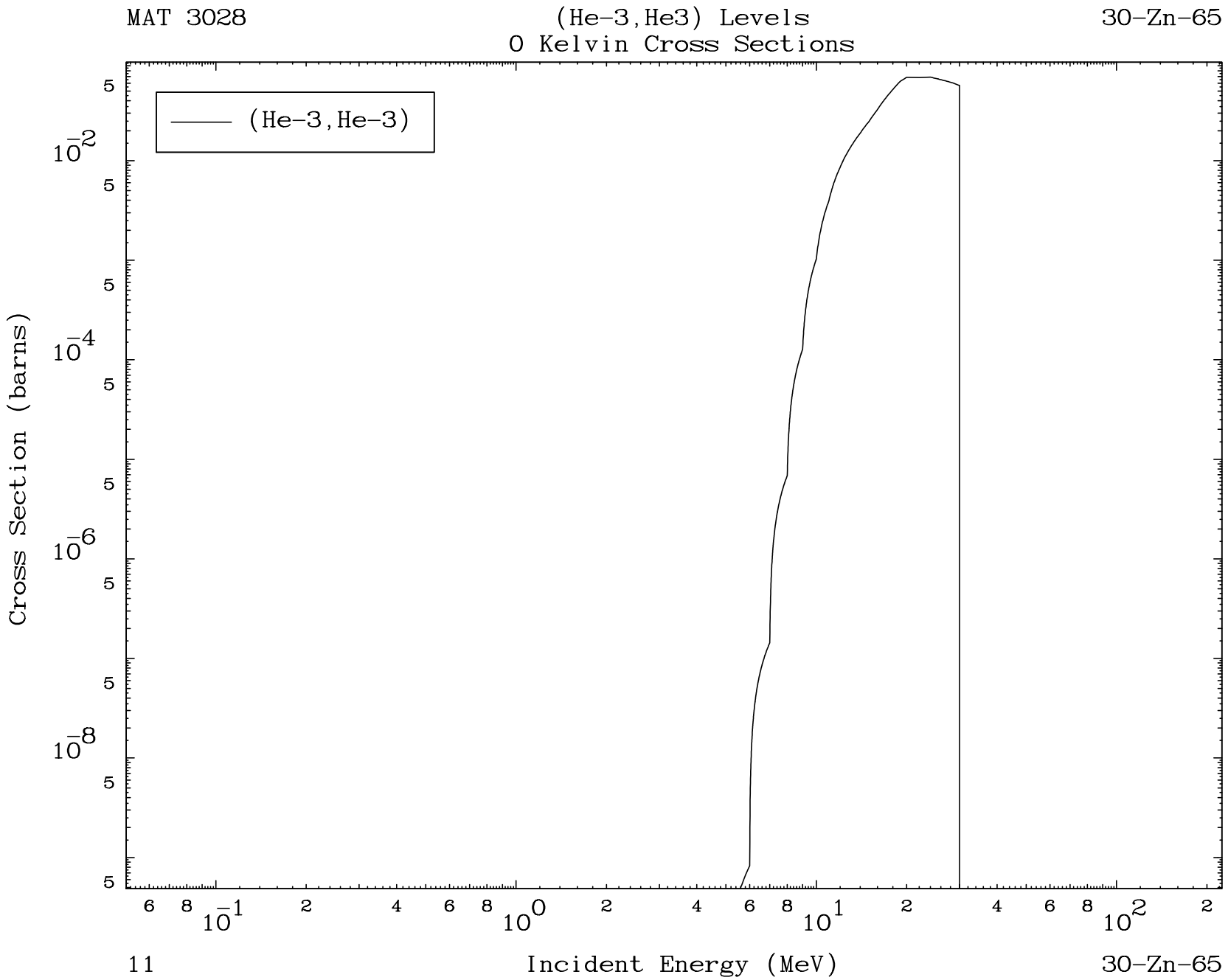

MAT 3028
He-3 Charged Particle
0 Kelvin Cross Sections
30-Zn-65
(He-3,2α)
(He-3,3α)
(He-3,2p)
(He-3,p) α
(He-3,t) 2α
(He-3,d) 2α
(He-3,p) d
(He-3,p) t
Cross Section (barns)
Incident Energy (MeV)
6
30-Zn-65

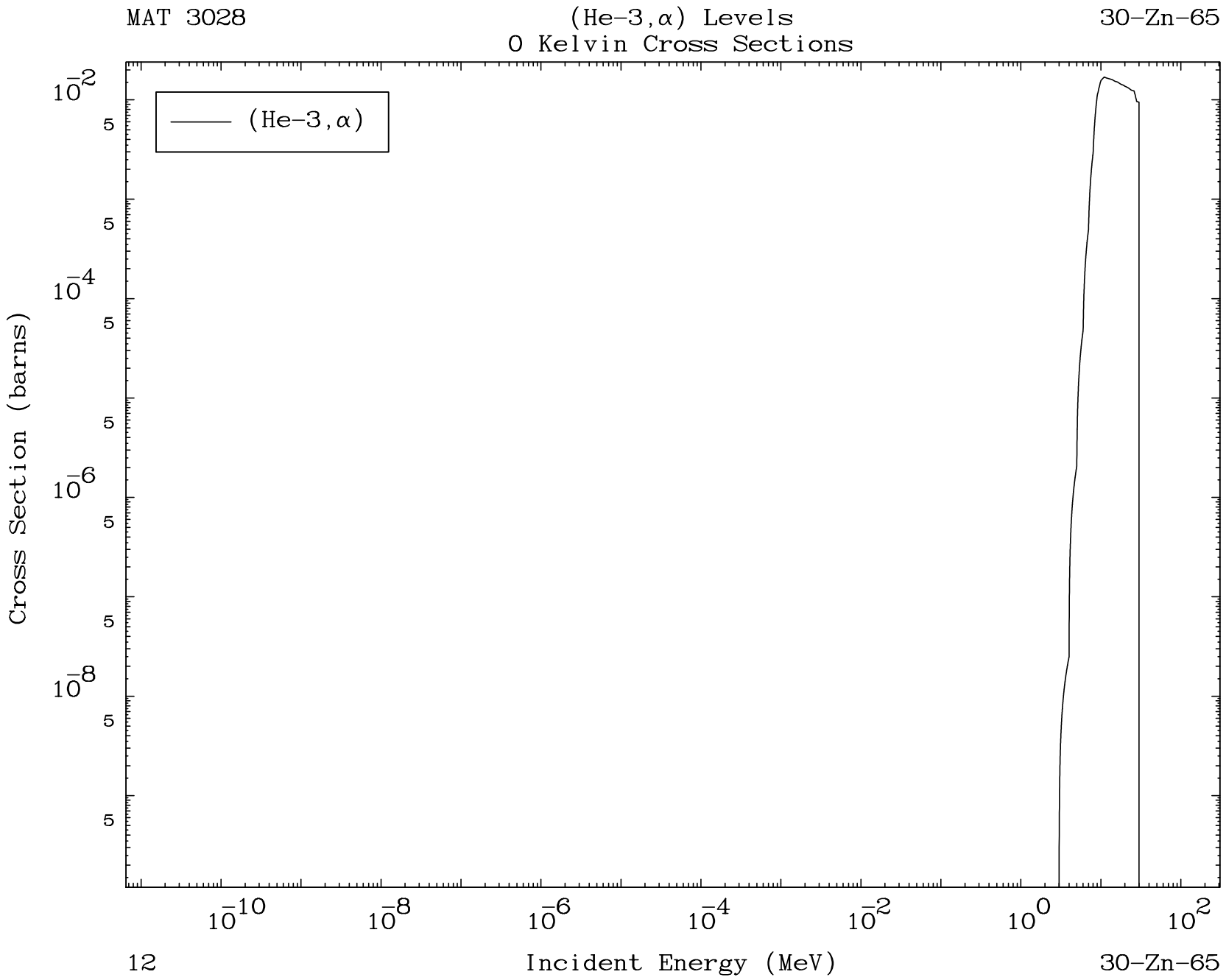

MAT 3028
(He-3,n') Level
30-Zn-65
0 Kelvin Cross Sections
He-3 Inelastic
Cross Section (barns)
Incident Energy (MeV)
7
30-Zn-65

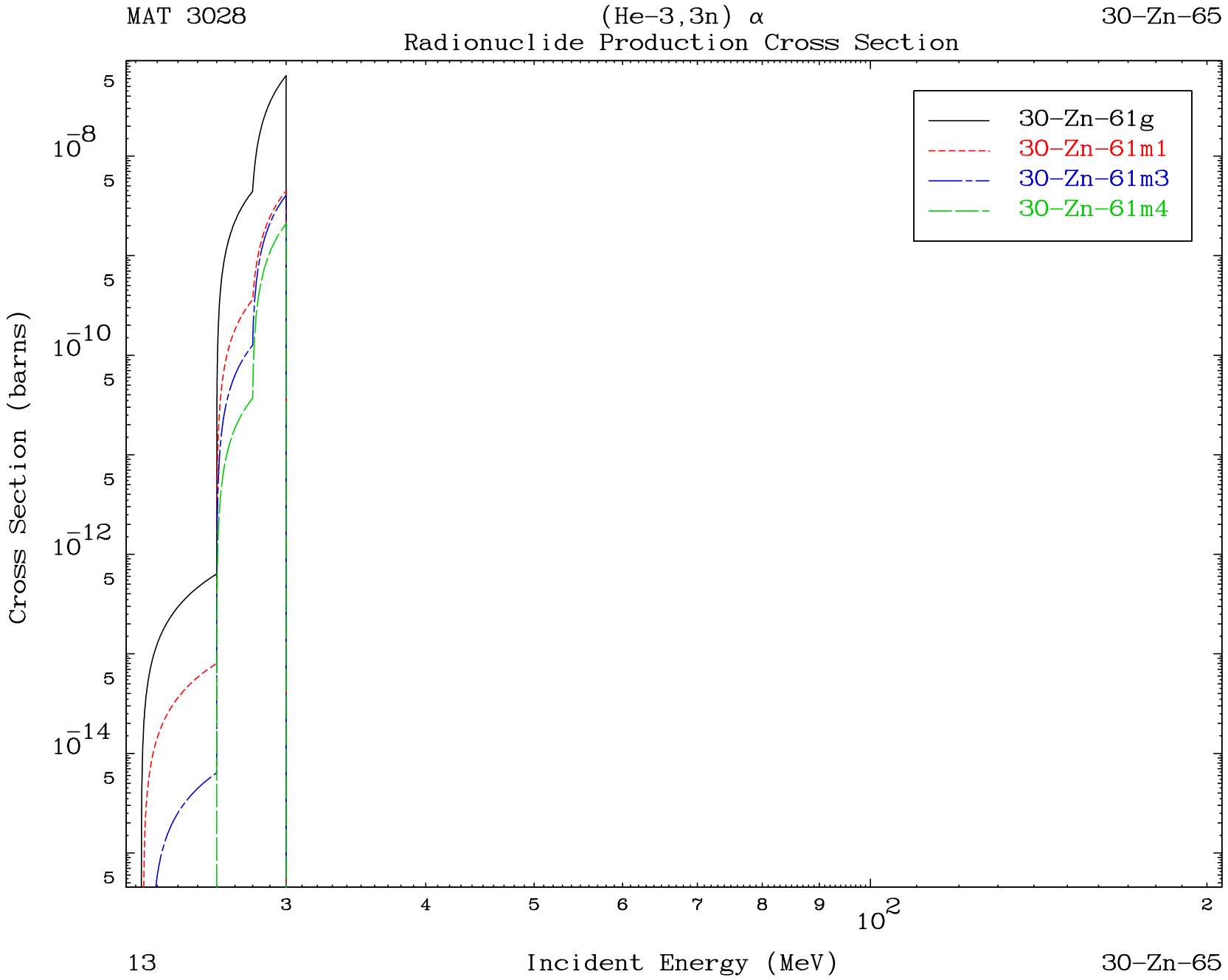

MAT 3028
(He-3,p) Levels
30-Zn-65
0 Kelvin Cross Sections
(He-3,p)
Cross Section (barns)
Incident Energy (MeV)
8
30-Zn-65

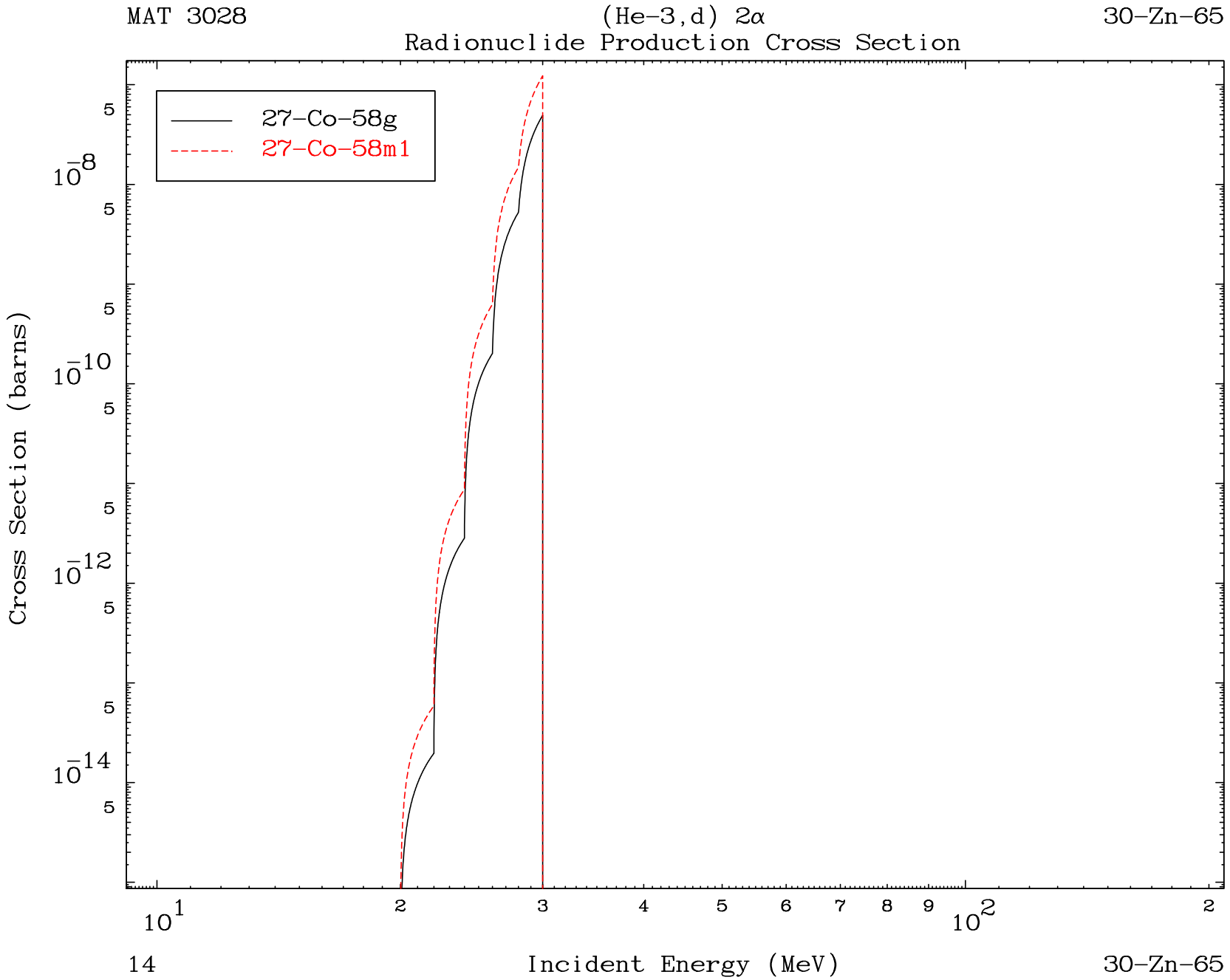

MAT 3028
(He-3,d) Levels
30-Zn-65
0 Kelvin Cross Sections
(He-3,d)
Cross Section (barns)
Incident Energy (MeV)
9
30-Zn-65


MAT 3028
(He-3,t) Levels
30-Zn-65
0 Kelvin Cross Sections
(He-3,t)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^1
10^2
Incident Energy (MeV)
10
30-Zn-65


MAT 3028
(He-3,He3) Levels
30-Zn-65
0 Kelvin Cross Sections
(He-3,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
30-Zn-65


MAT 3028
(He-3,α) Levels
30-Zn-65
0 Kelvin Cross Sections
(He-3,α)
Cross Section (barns)
Incident Energy (MeV)
12
30-Zn-65


MAT 3028
(He-3,3n) α
30-Zn-65
Radionuclide Production Cross Section
30-Zn-61g
30-Zn-61m1
30-Zn-61m3
30-Zn-61m4
Cross Section (barns)
Incident Energy (MeV)
13
30-Zn-65


MAT 3028
(He-3,d) 2α
30-Zn-65
Radionuclide Production Cross Section
27-Co-58g
27-Co-58m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
10^1
2
3
4
5
6
7
8
9
10^2
2
14
Incident Energy (MeV)
30-Zn-65