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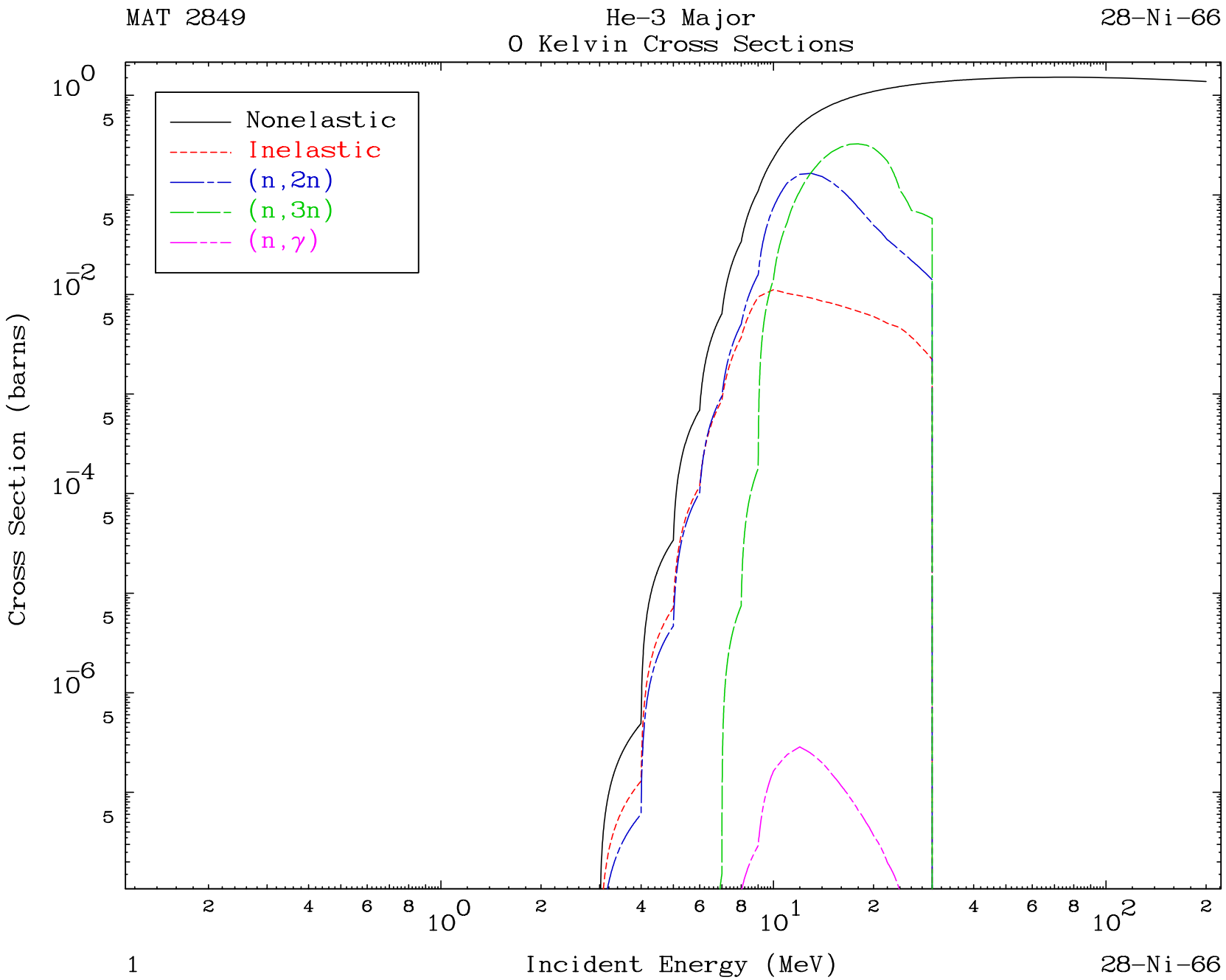
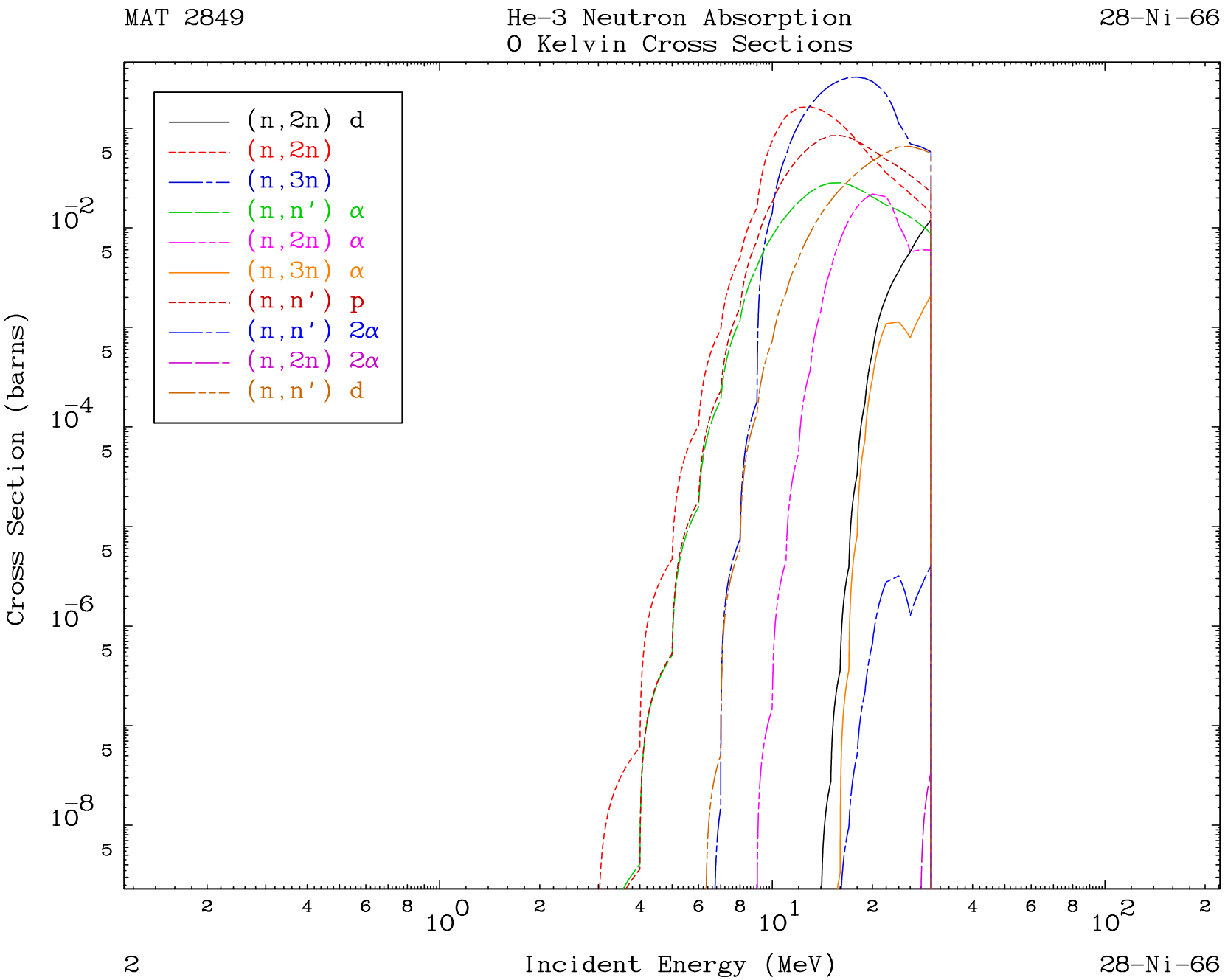
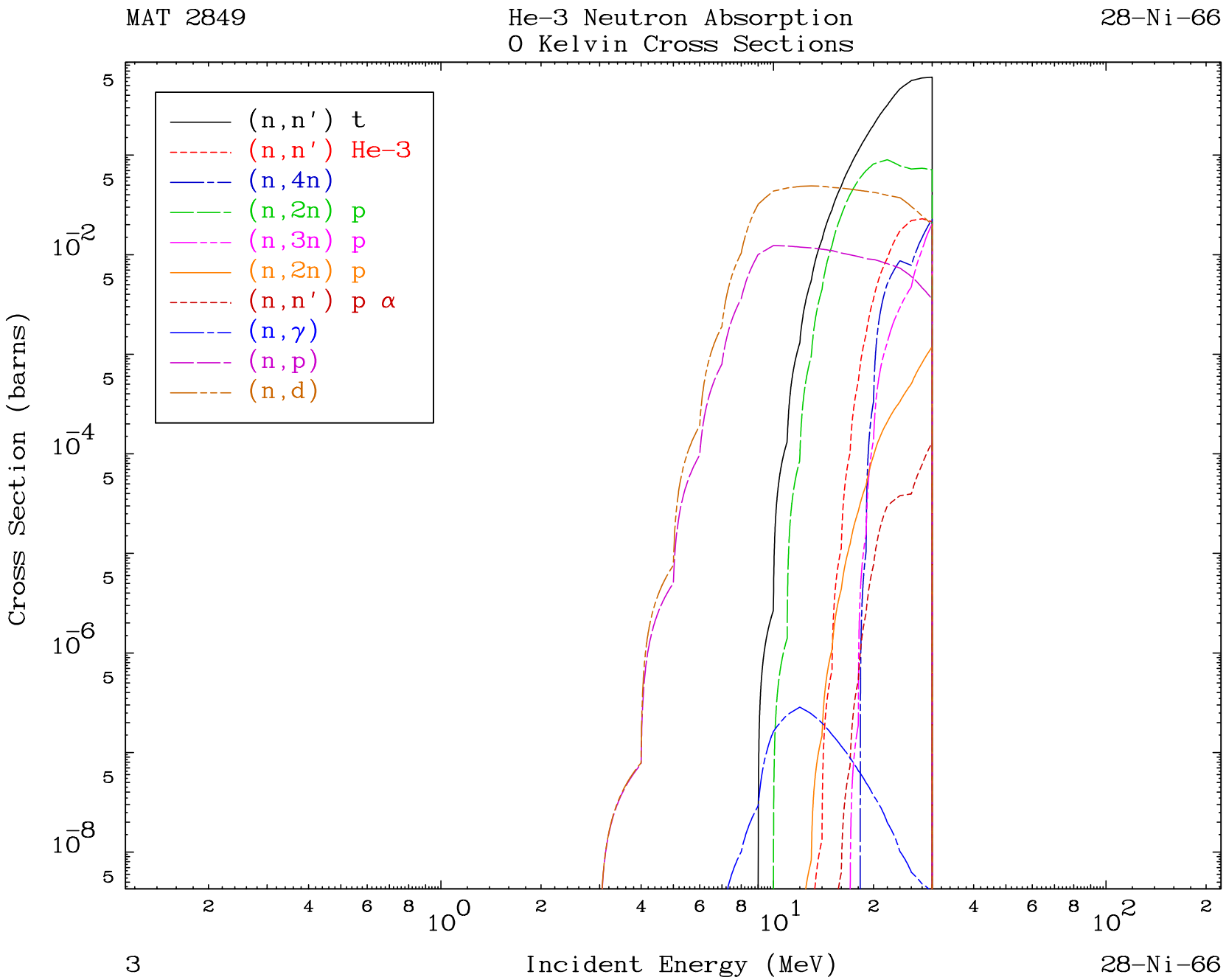
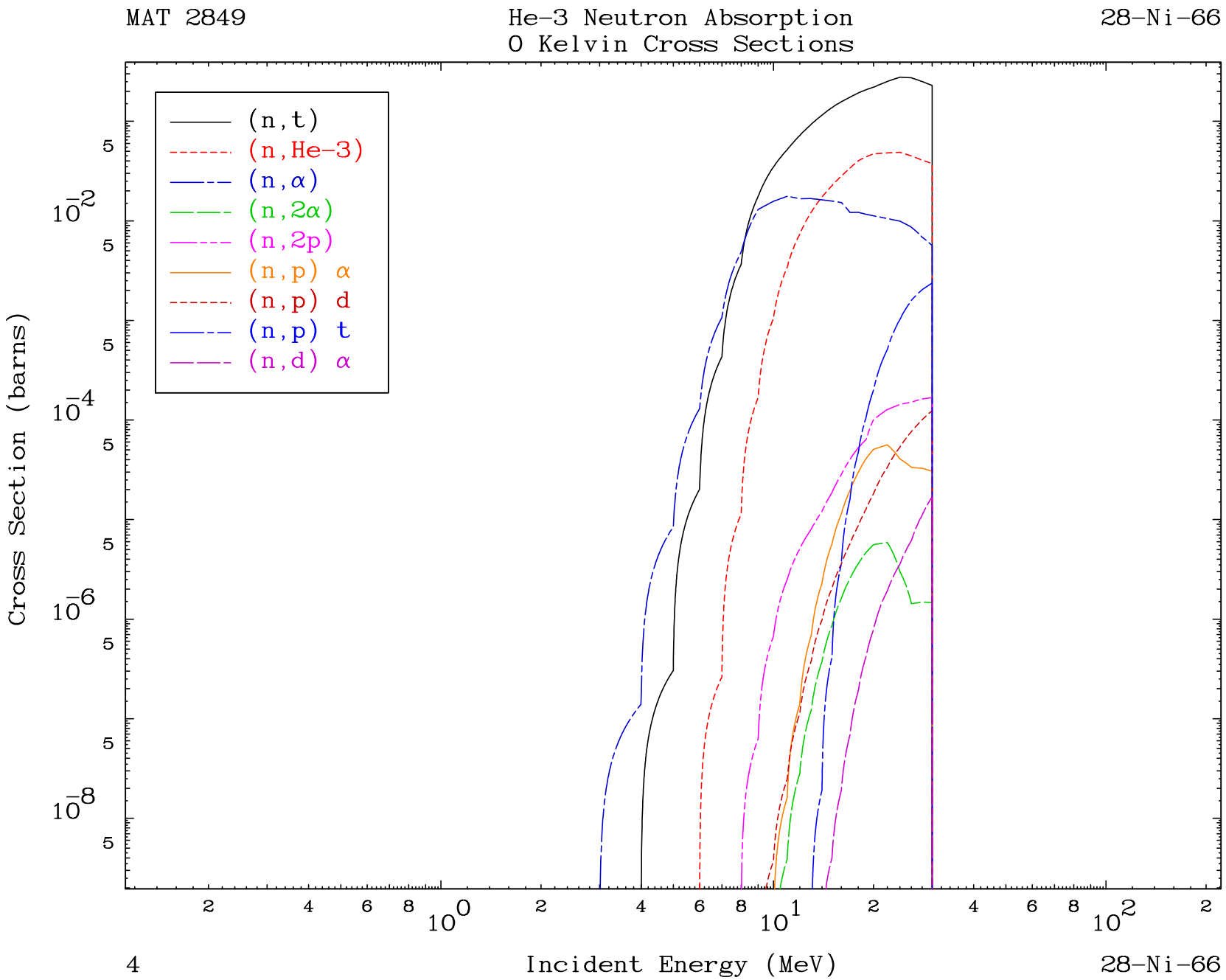
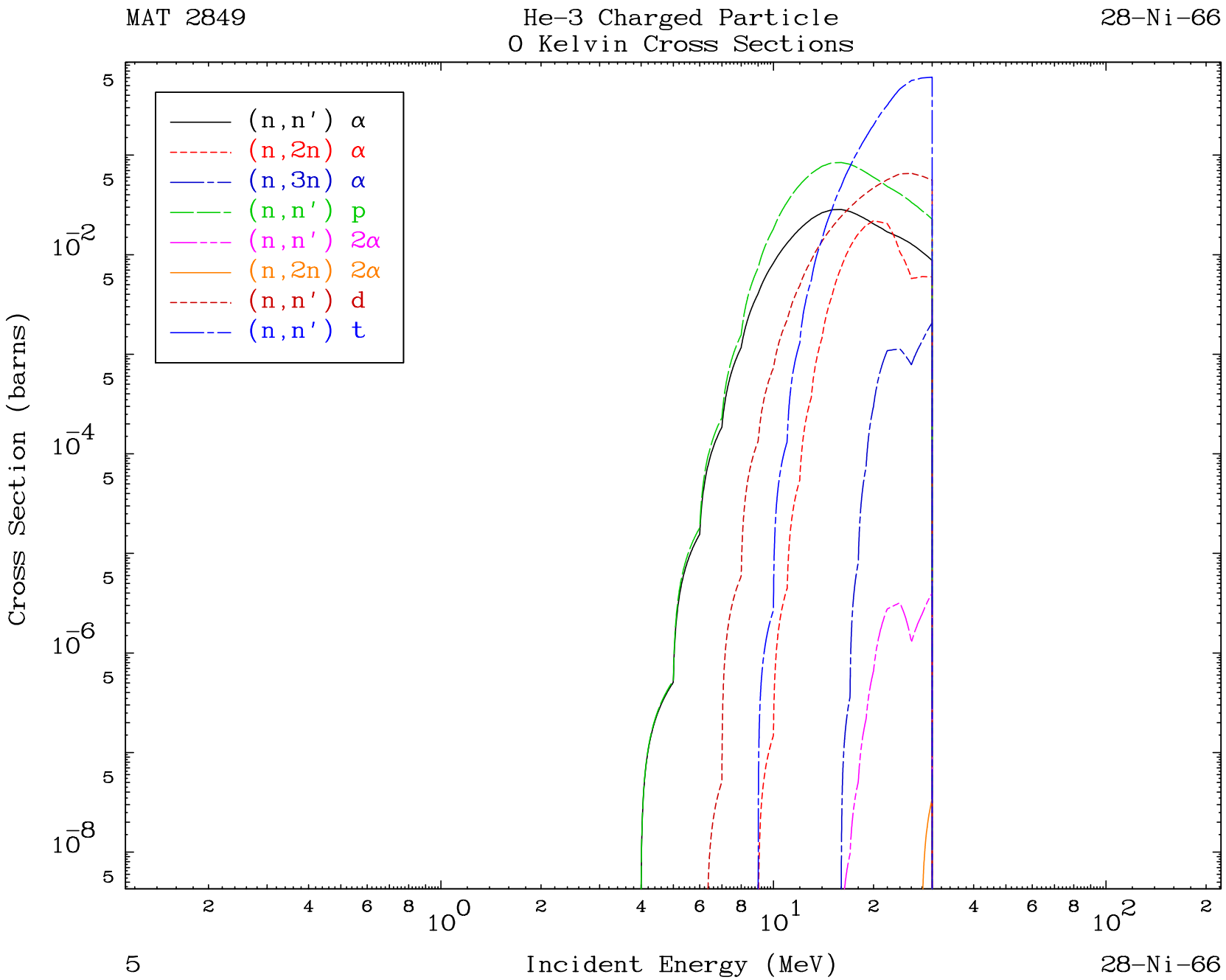
Press Mouse Button to Start

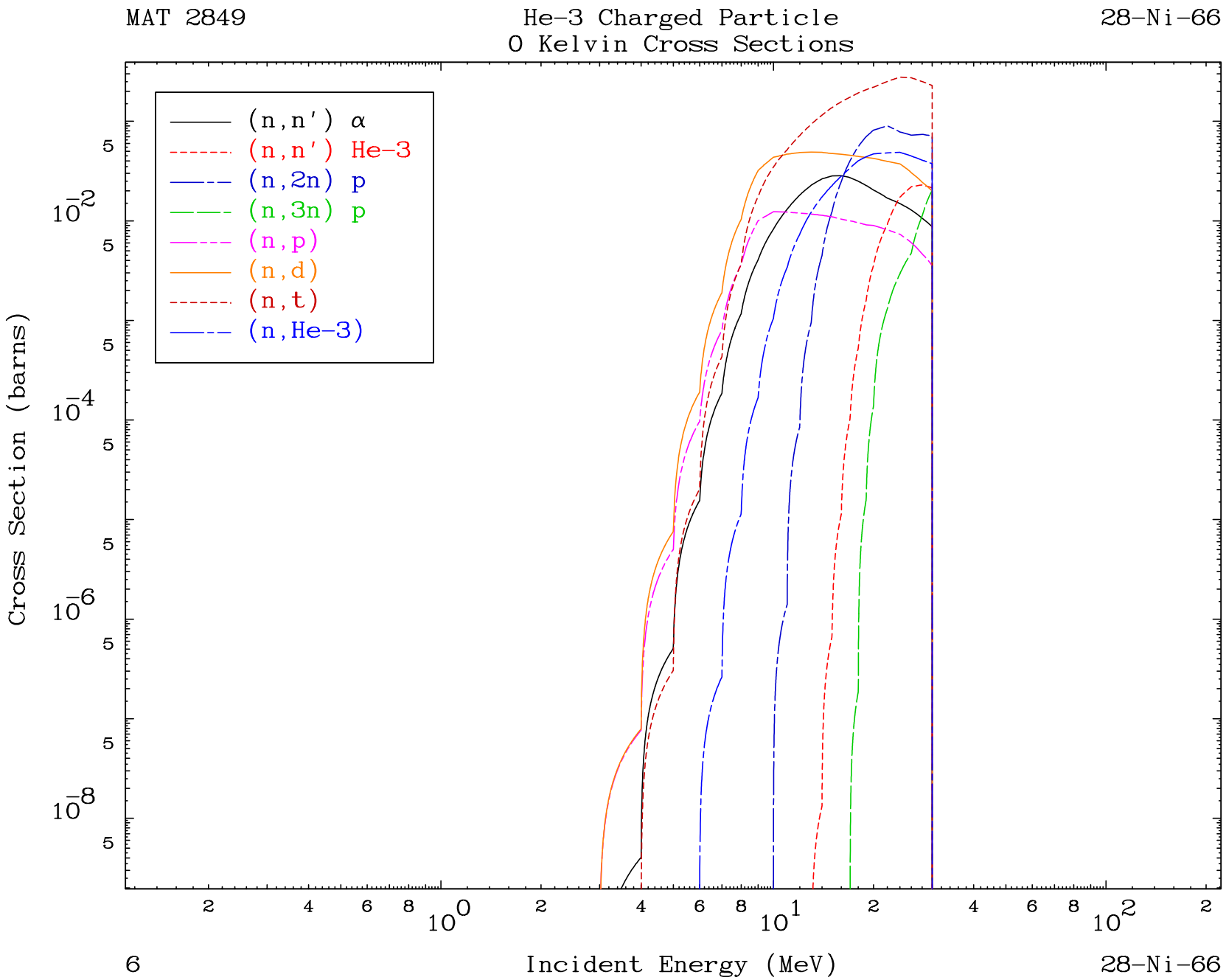

MAT 2849
He-3 Major
28-Ni-66
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
28-Ni-66

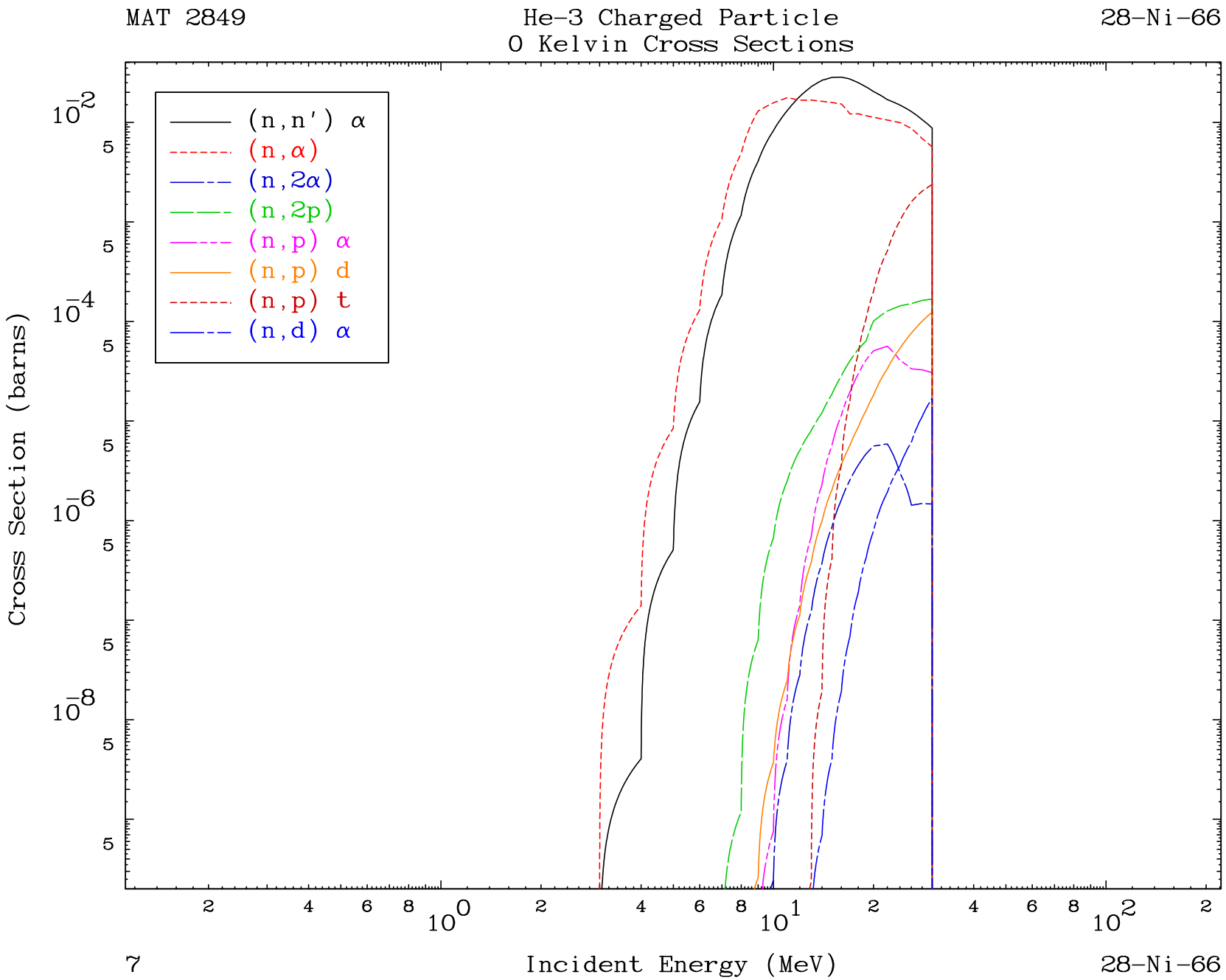

MAT 2849
He-3 Neutron Absorption
0 Kelvin Cross Sections
28-Ni-66
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
2
28-Ni-66

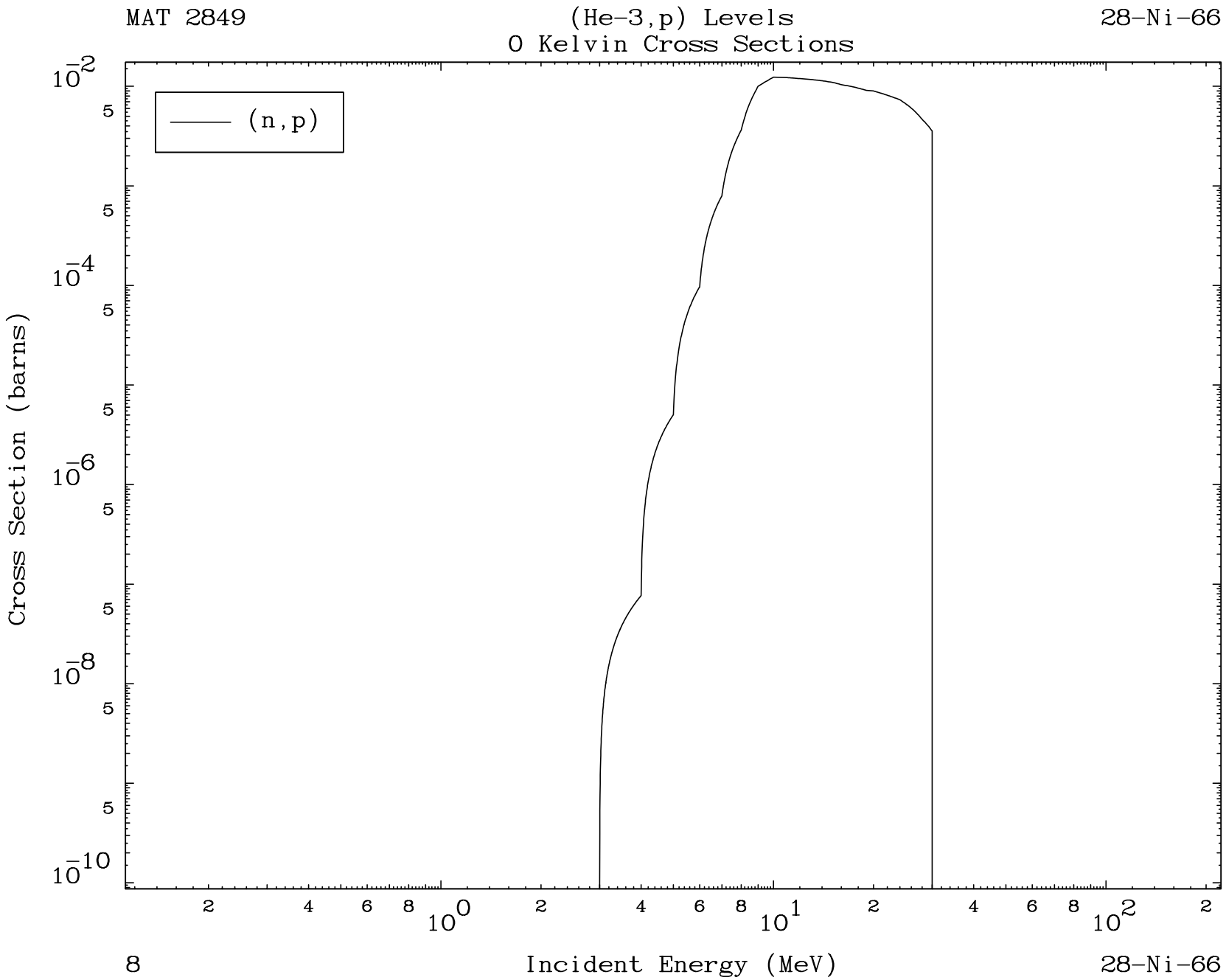

MAT 2849
He-3 Neutron Absorption
0 Kelvin Cross Sections
28-Ni-66
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
28-Ni-66

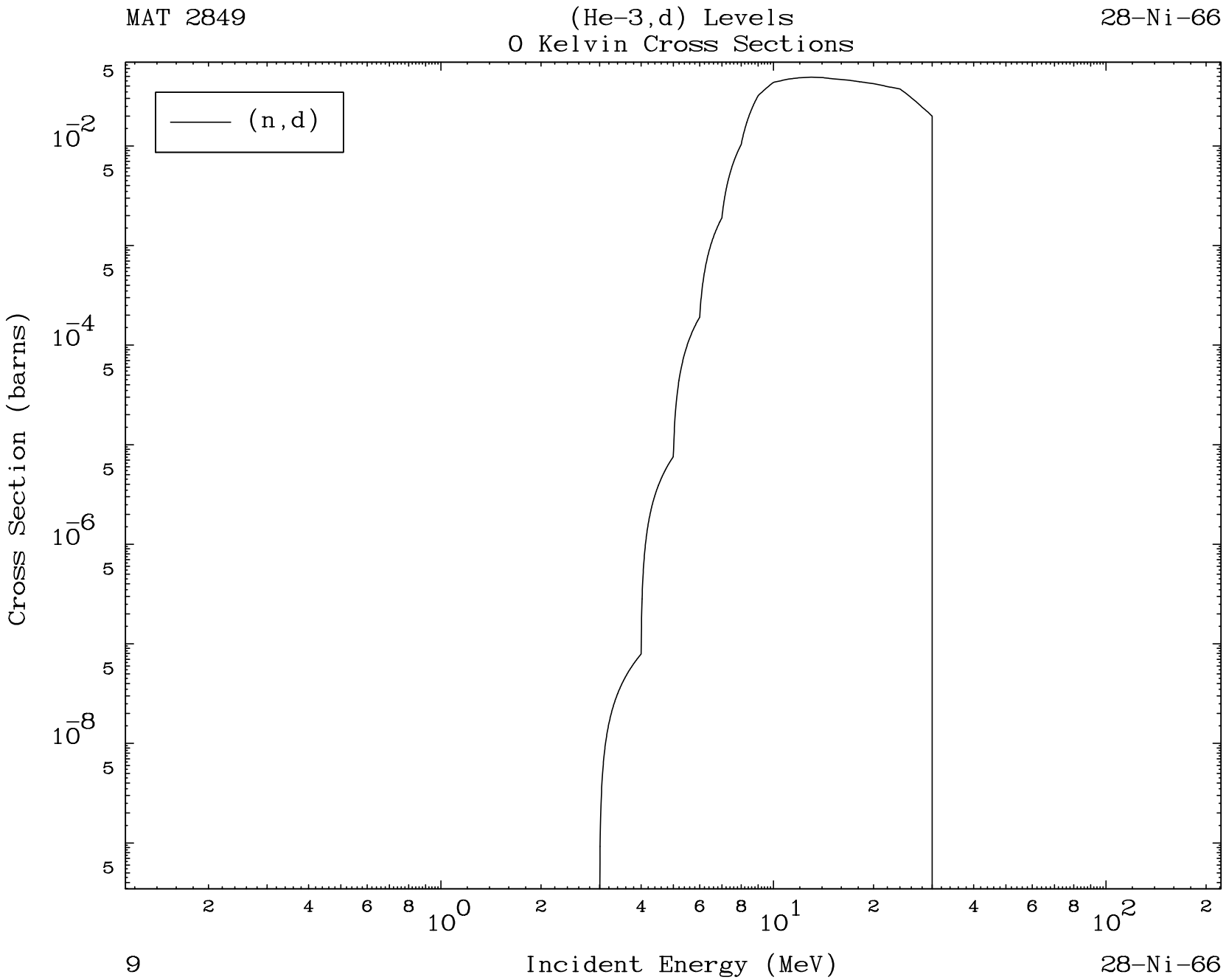

MAT 2849
He-3 Neutron Absorption
0 Kelvin Cross Sections
28-Ni-66
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
28-Ni-66

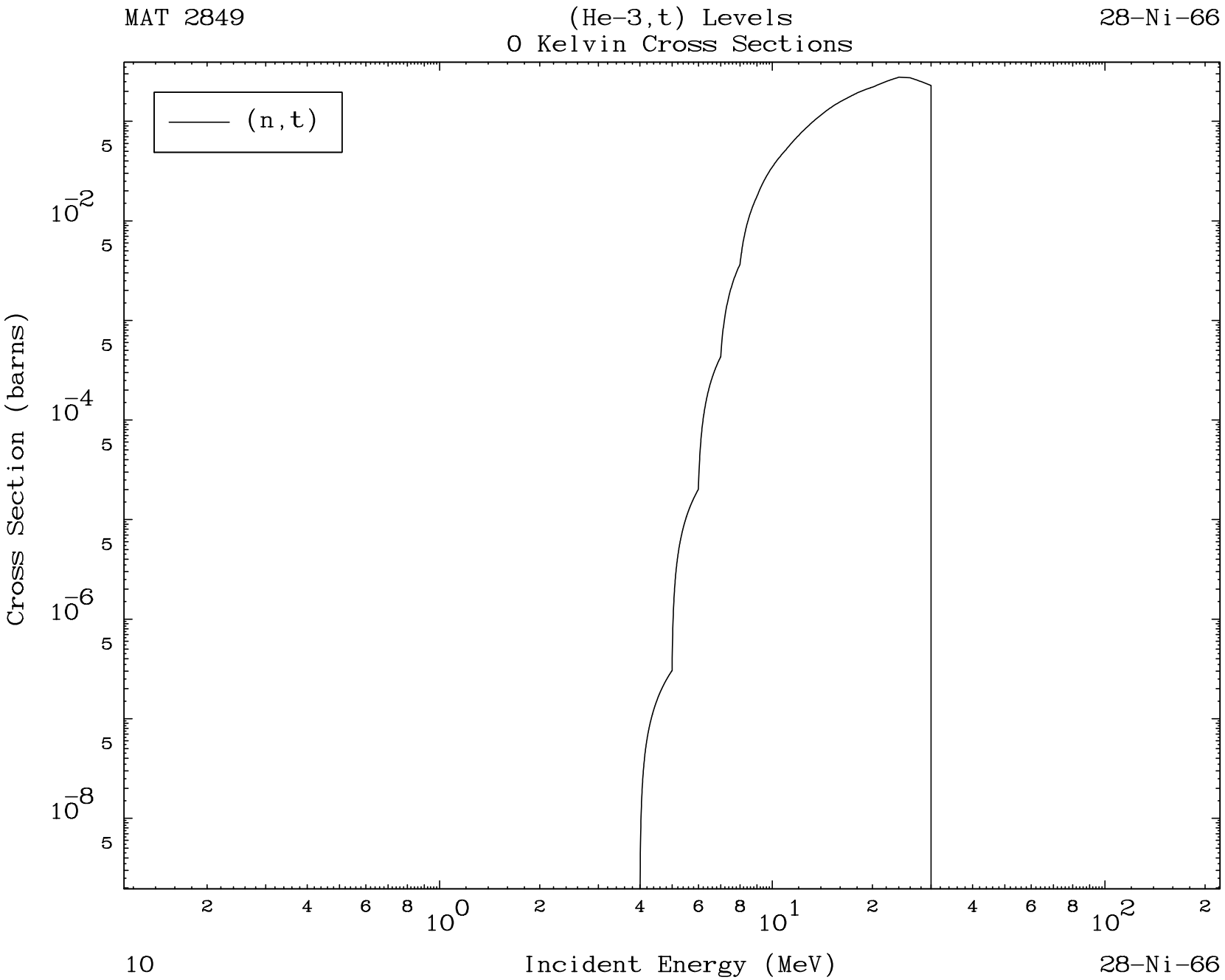

MAT 2849
He-3 Charged Particle
0 Kelvin Cross Sections
28-Ni-66
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
28-Ni-66

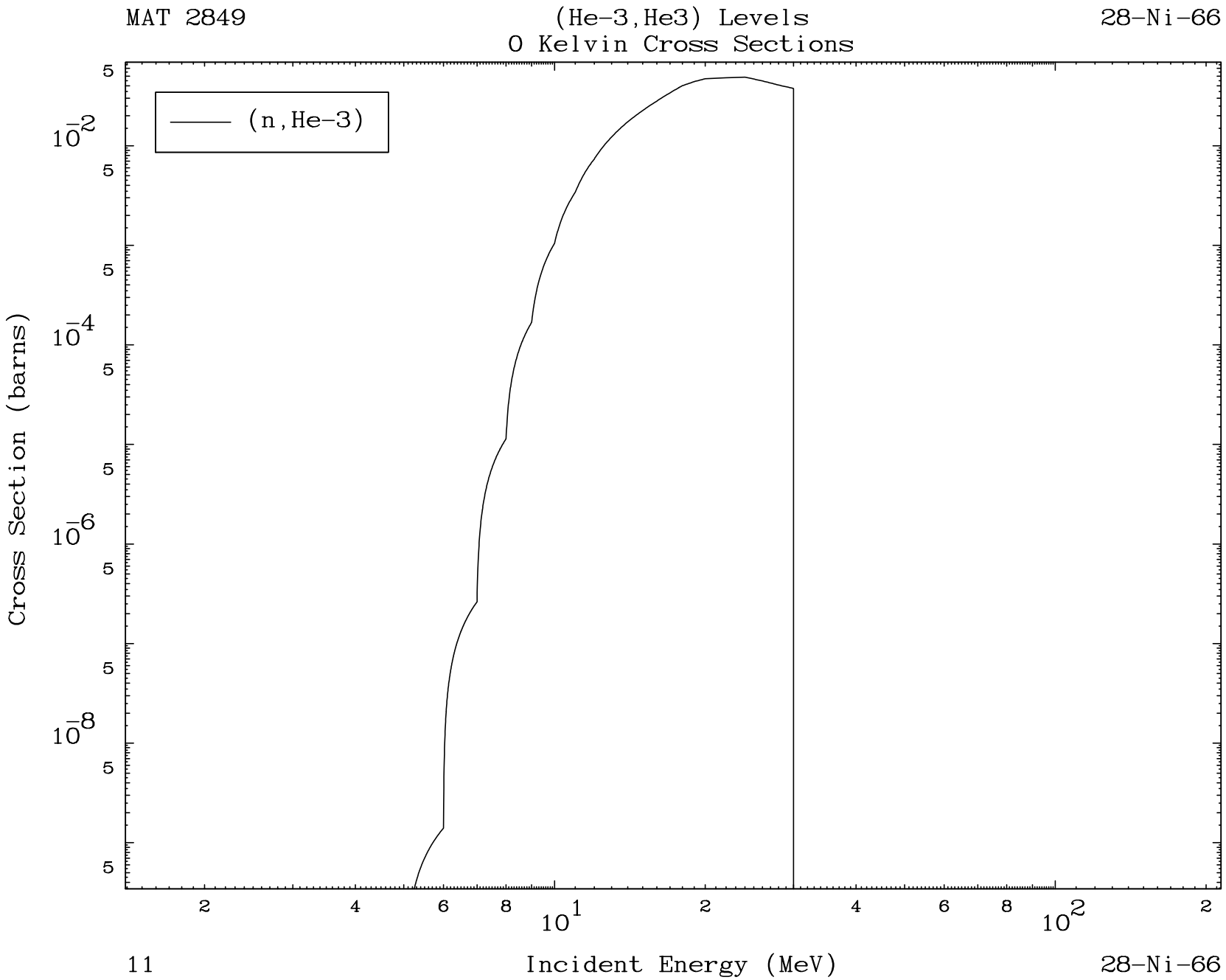

MAT 2849
He-3 Charged Particle
0 Kelvin Cross Sections
28-Ni-66
(n,n') α
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
6
28-Ni-66

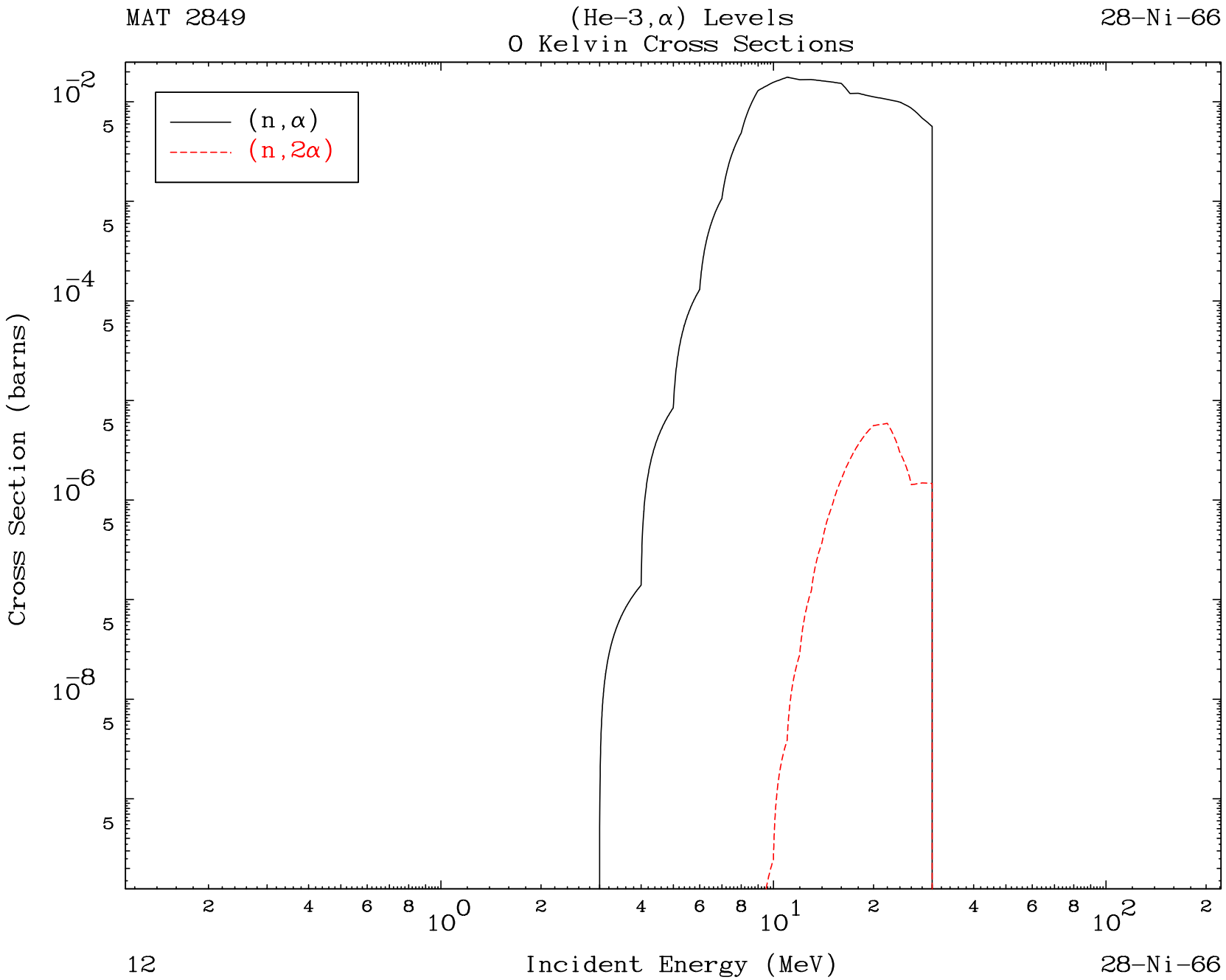

MAT 2849
He-3 Charged Particle
0 Kelvin Cross Sections
28-Ni-66
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
28-Ni-66

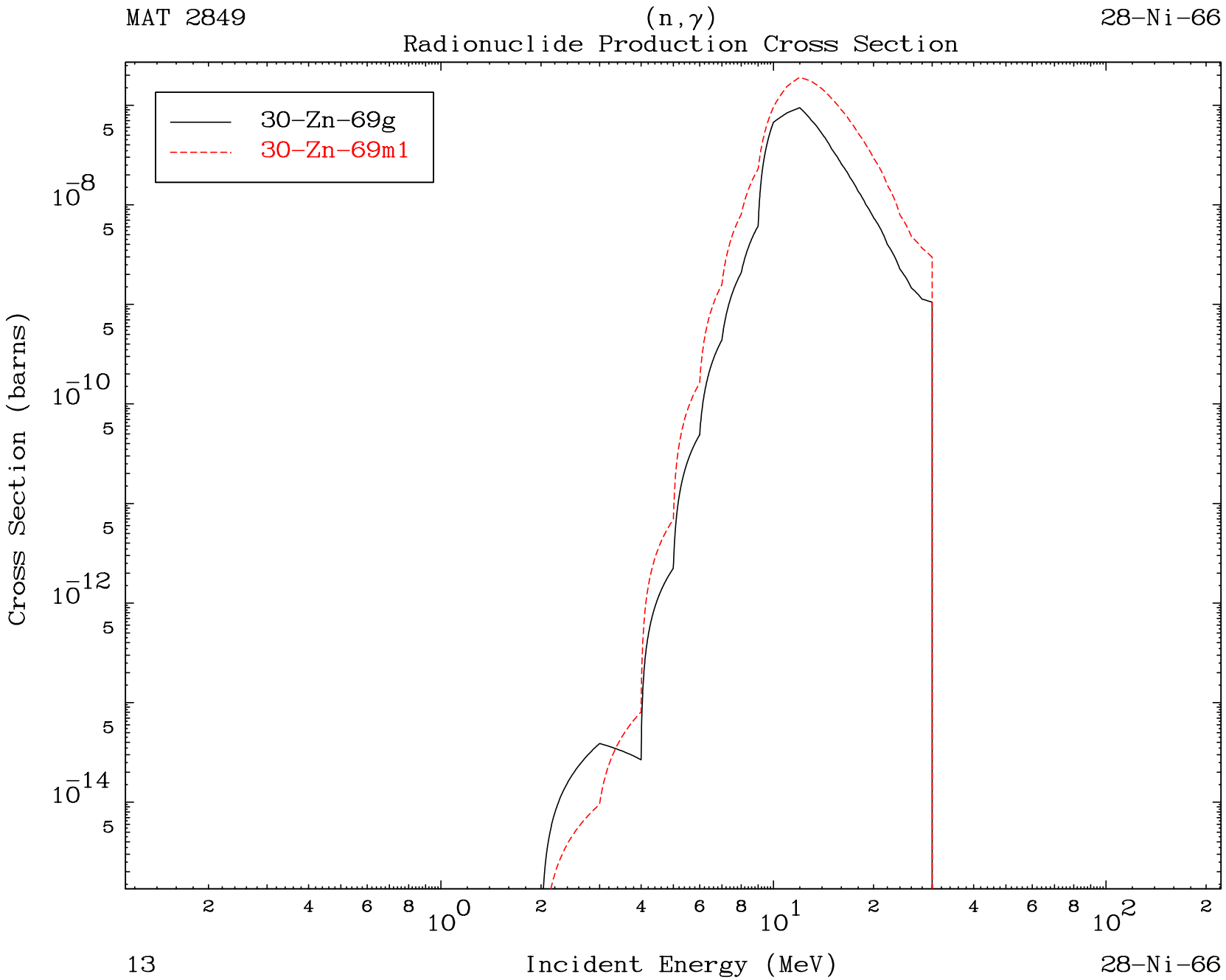

MAT 2849
(He-3,p) Levels
28-Ni-66
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
28-Ni-66

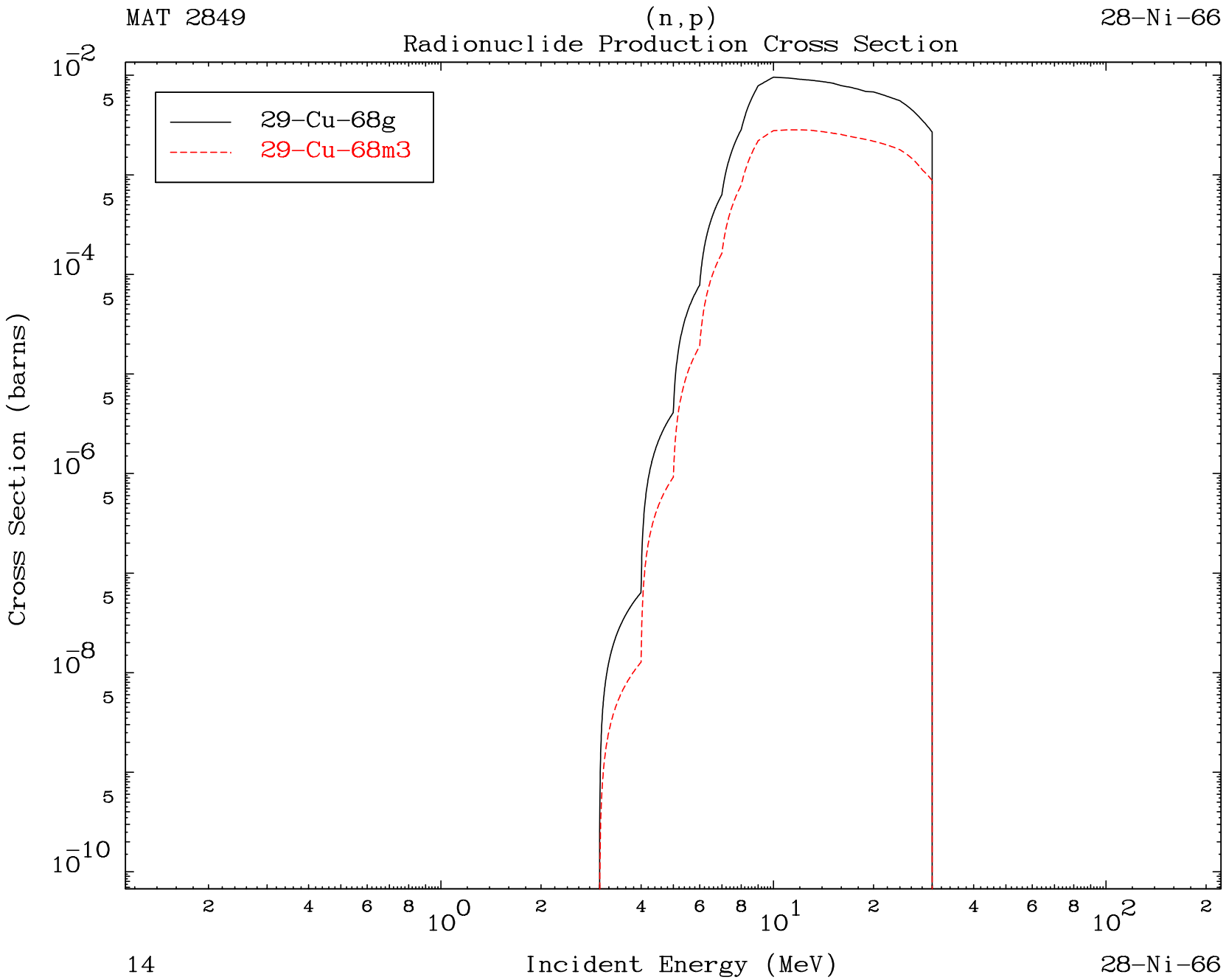

MAT 2849
(He-3,d) Levels
28-Ni-66
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
28-Ni-66

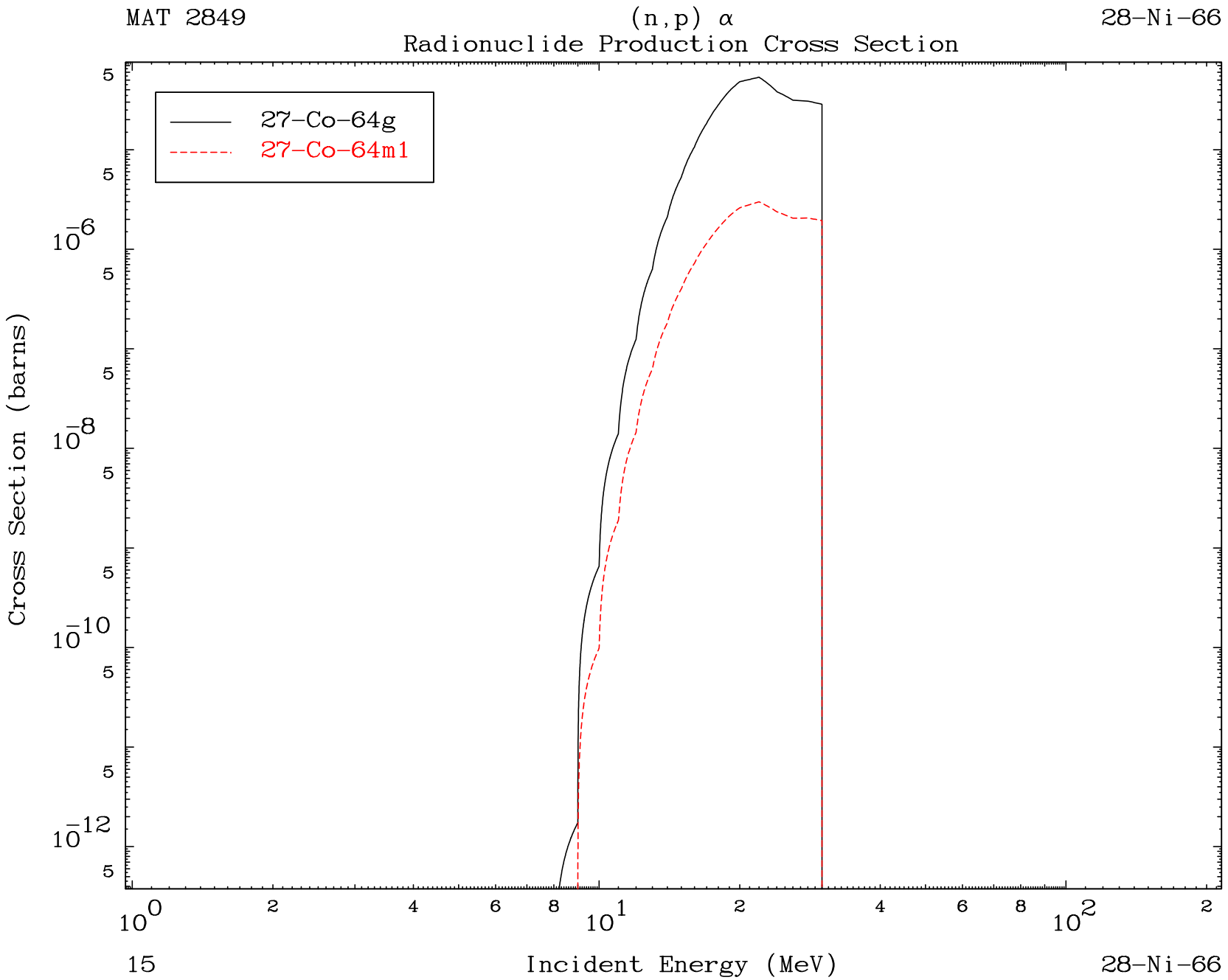

MAT 2849
(He-3,t) Levels
28-Ni-66
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
10
28-Ni-66


MAT 2849
(He-3,He3) Levels
28-Ni-66
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
28-Ni-66


MAT 2849
(He-3,α) Levels
0 Kelvin Cross Sections
28-Ni-66
(n,α)
(n,2α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
12
28-Ni-66


MAT 2849
(n,γ)
28-Ni-66
Radionuclide Production Cross Section
30-Zn-69g
30-Zn-69m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
10^0
10^1
10^2
Incident Energy (MeV)
13
28-Ni-66


MAT 2849
(n,p)
28-Ni-66
Radionuclide Production Cross Section
29-Cu-68g
29-Cu-68m3
Cross Section (barns)
Incident Energy (MeV)
14
28-Ni-66


MAT 2849
(n,p) α
28-Ni-66
Radionuclide Production Cross Section
27-Co-64g
27-Co-64m1
Cross Section (barns)
Incident Energy (MeV)
15
28-Ni-66