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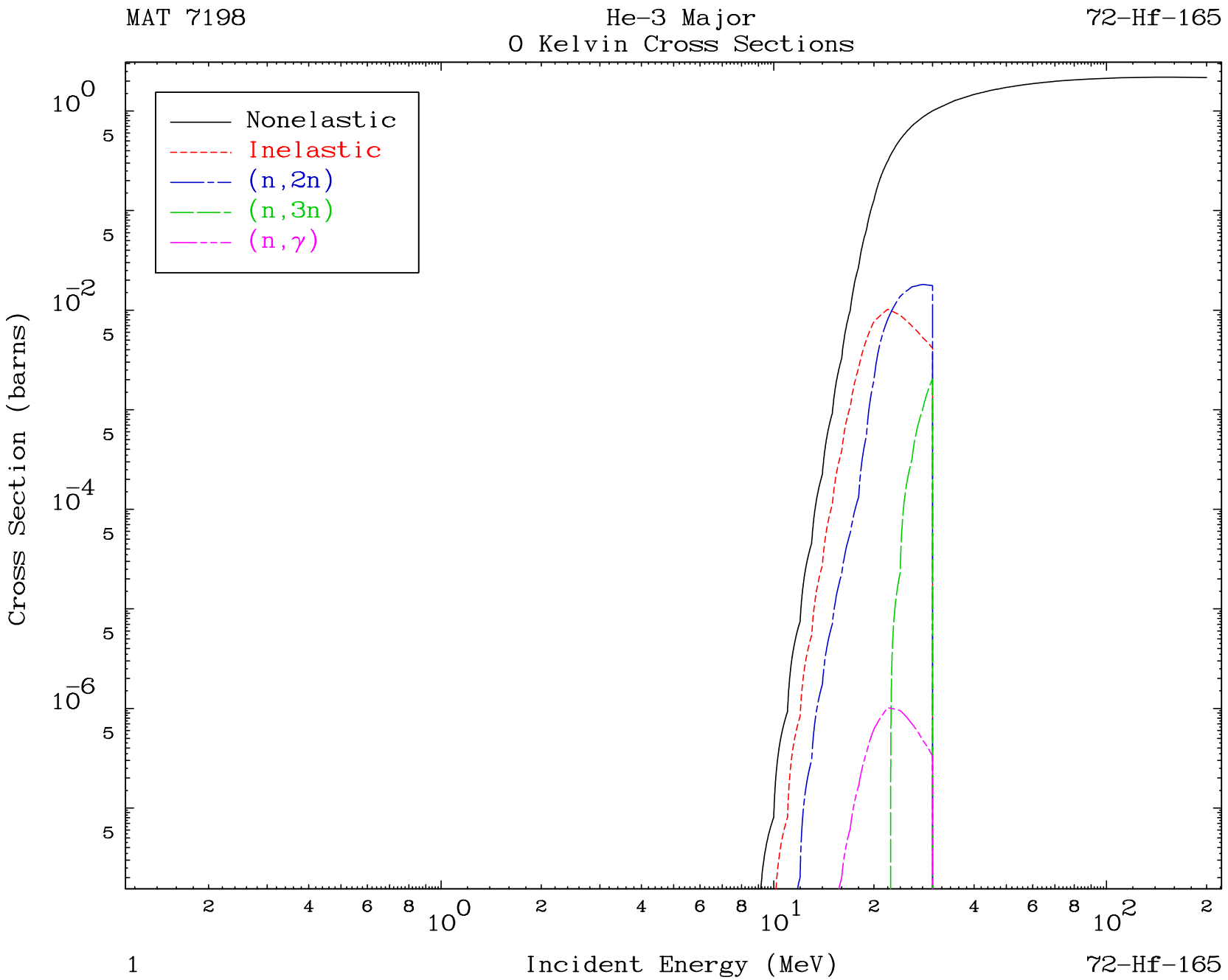
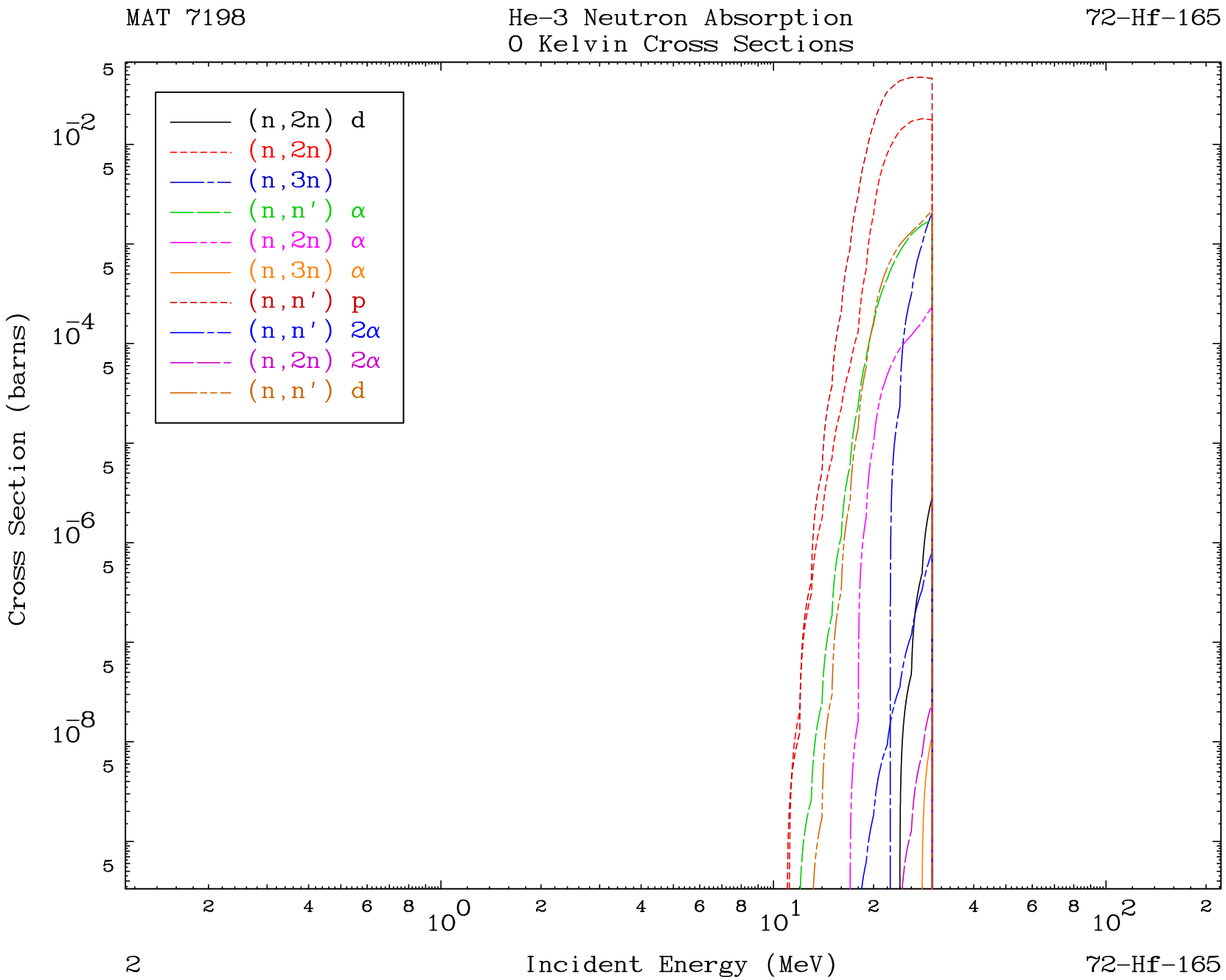
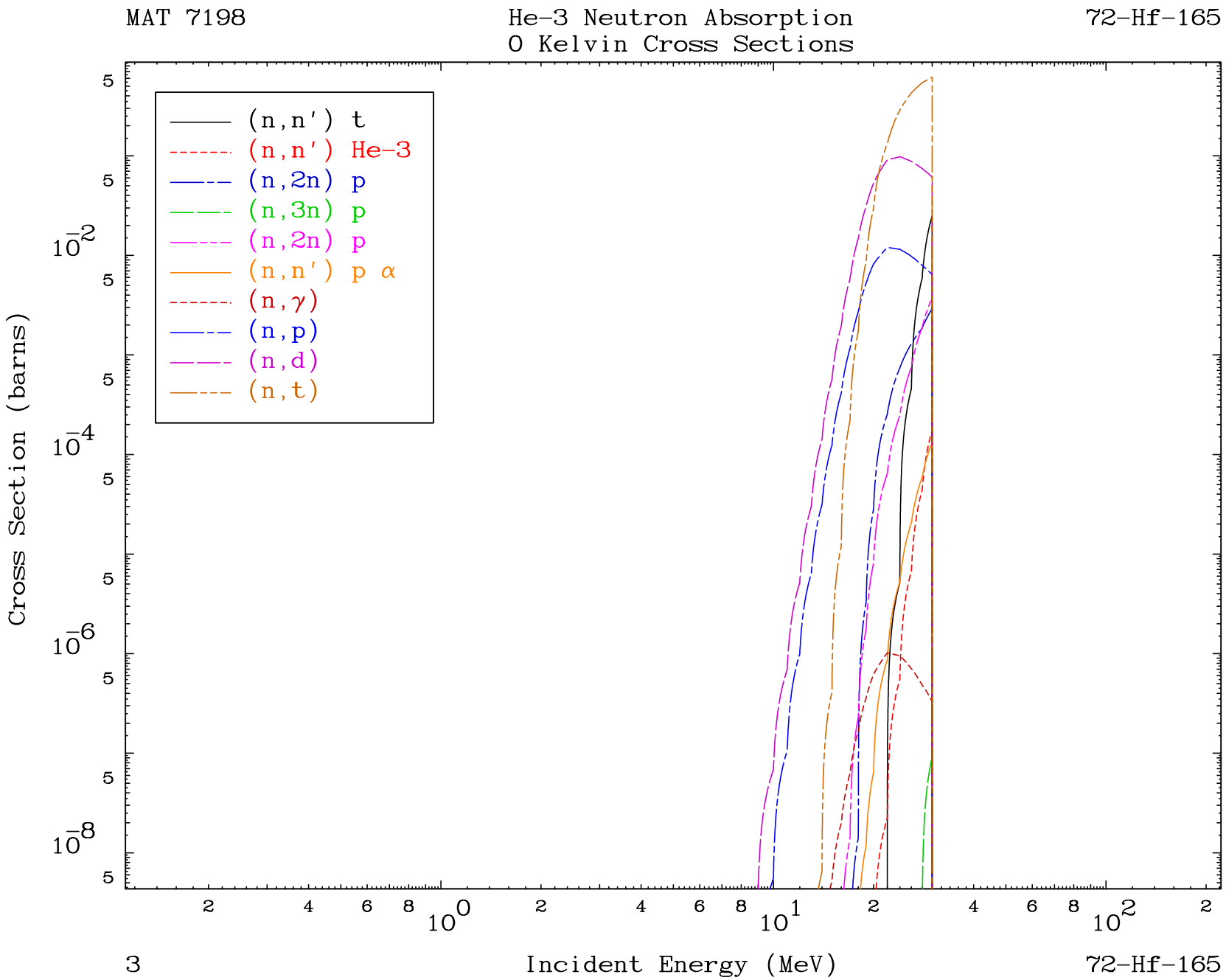
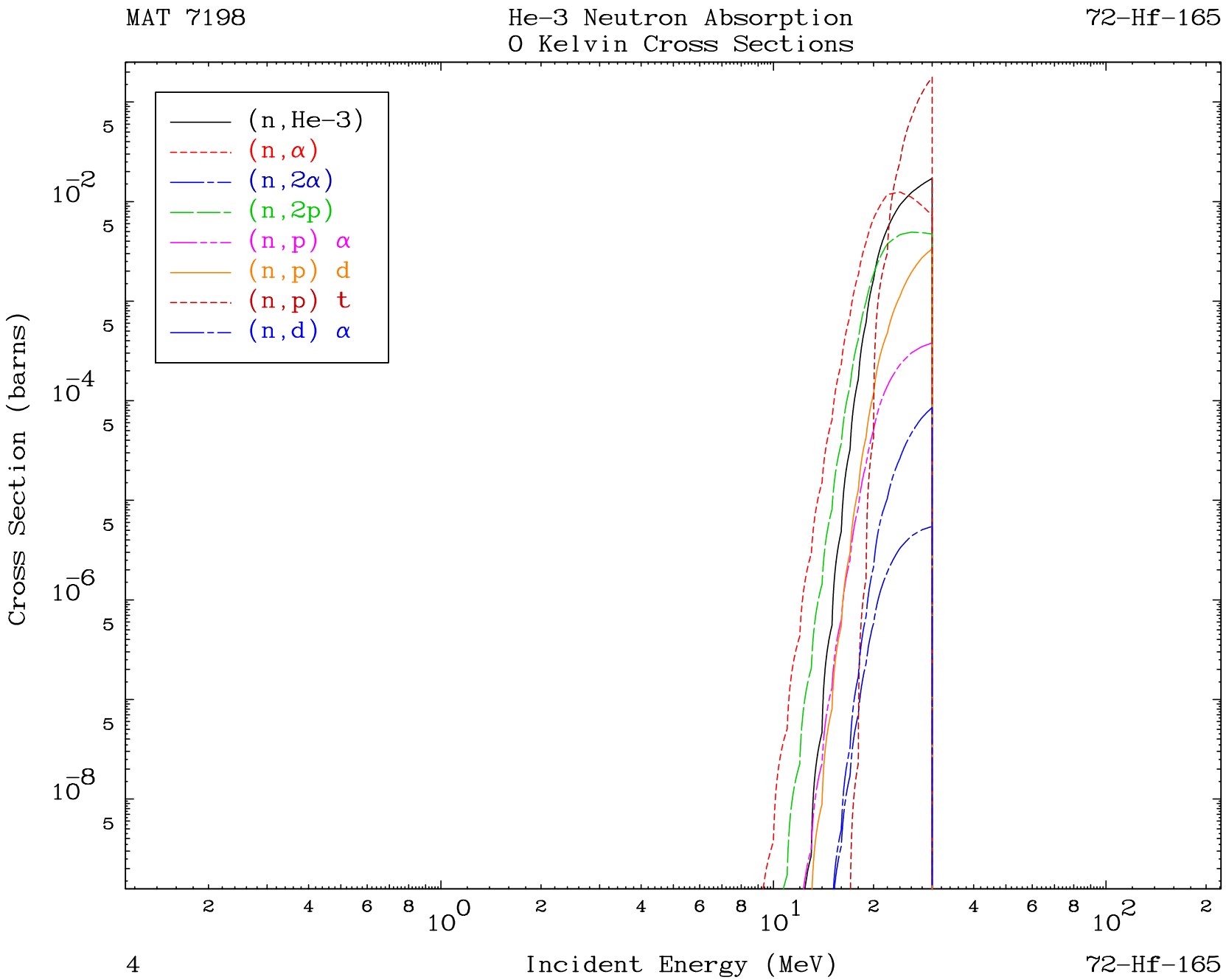
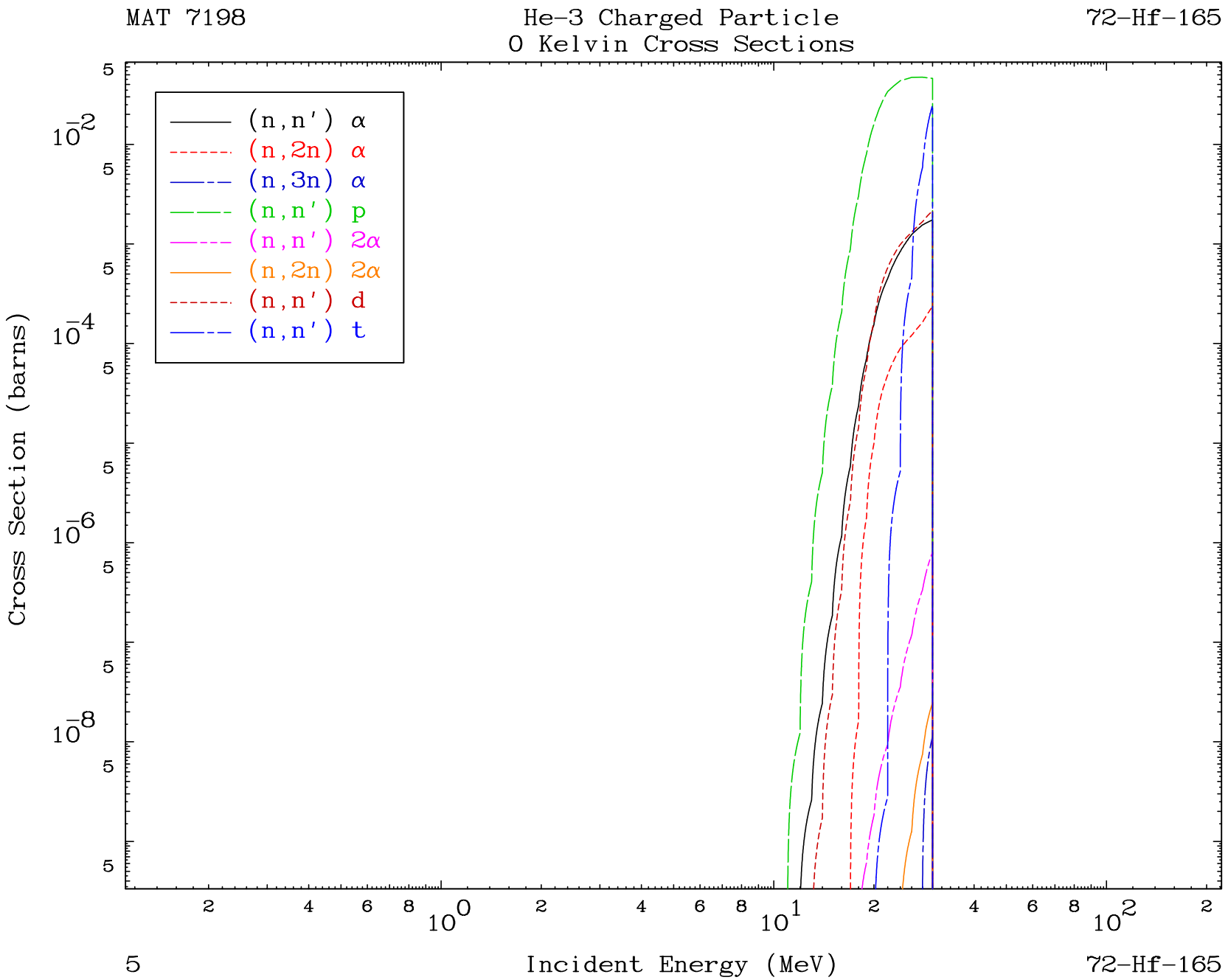
Press Mouse Button to Start

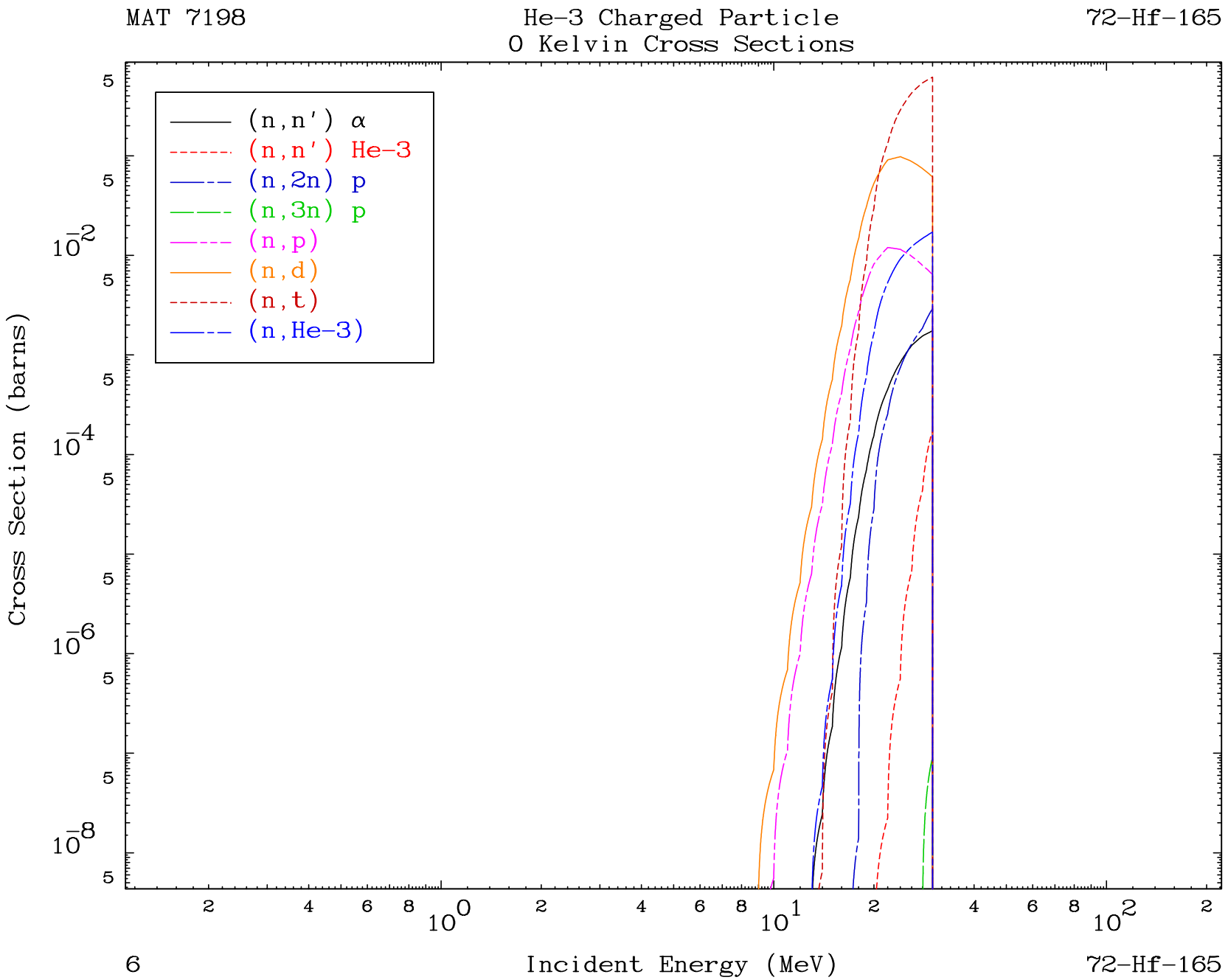

MAT 7198
He-3 Major
72-Hf-165
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
72-Hf-165
1

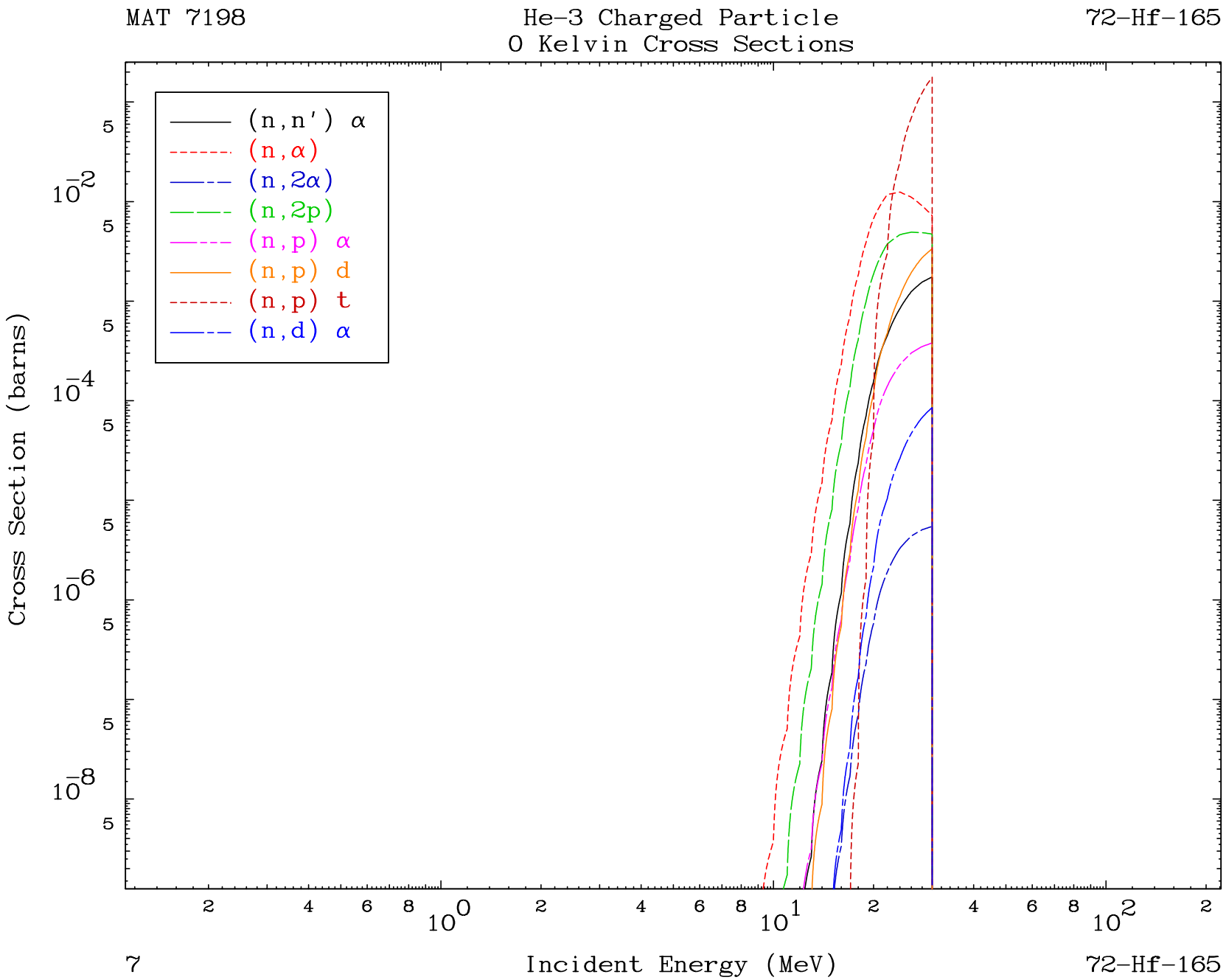

MAT 7198
He-3 Neutron Absorption
0 Kelvin Cross Sections
72-Hf-165
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
72-Hf-165
2

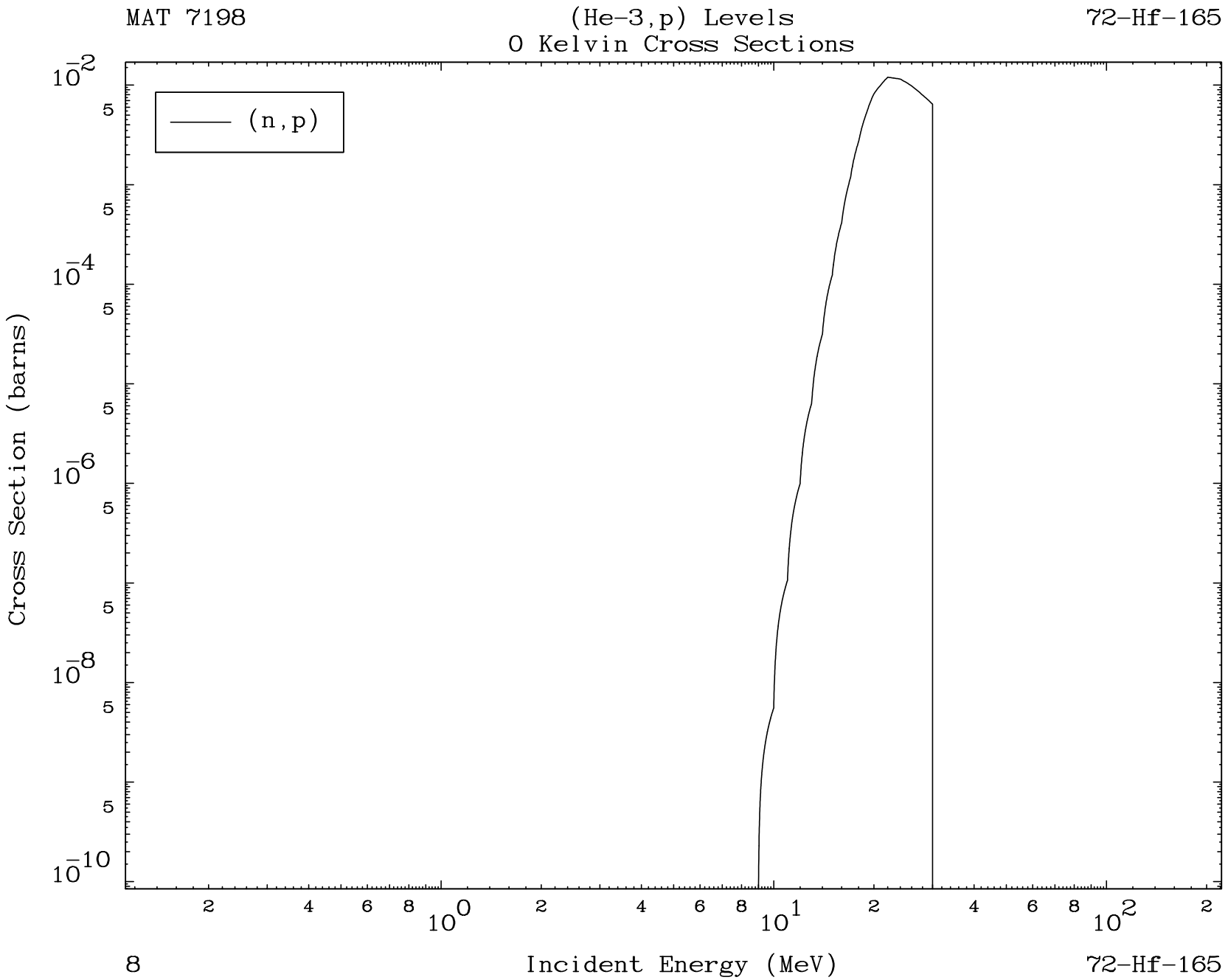

MAT 7198
He-3 Neutron Absorption
0 Kelvin Cross Sections
72-Hf-165
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
72-Hf-165

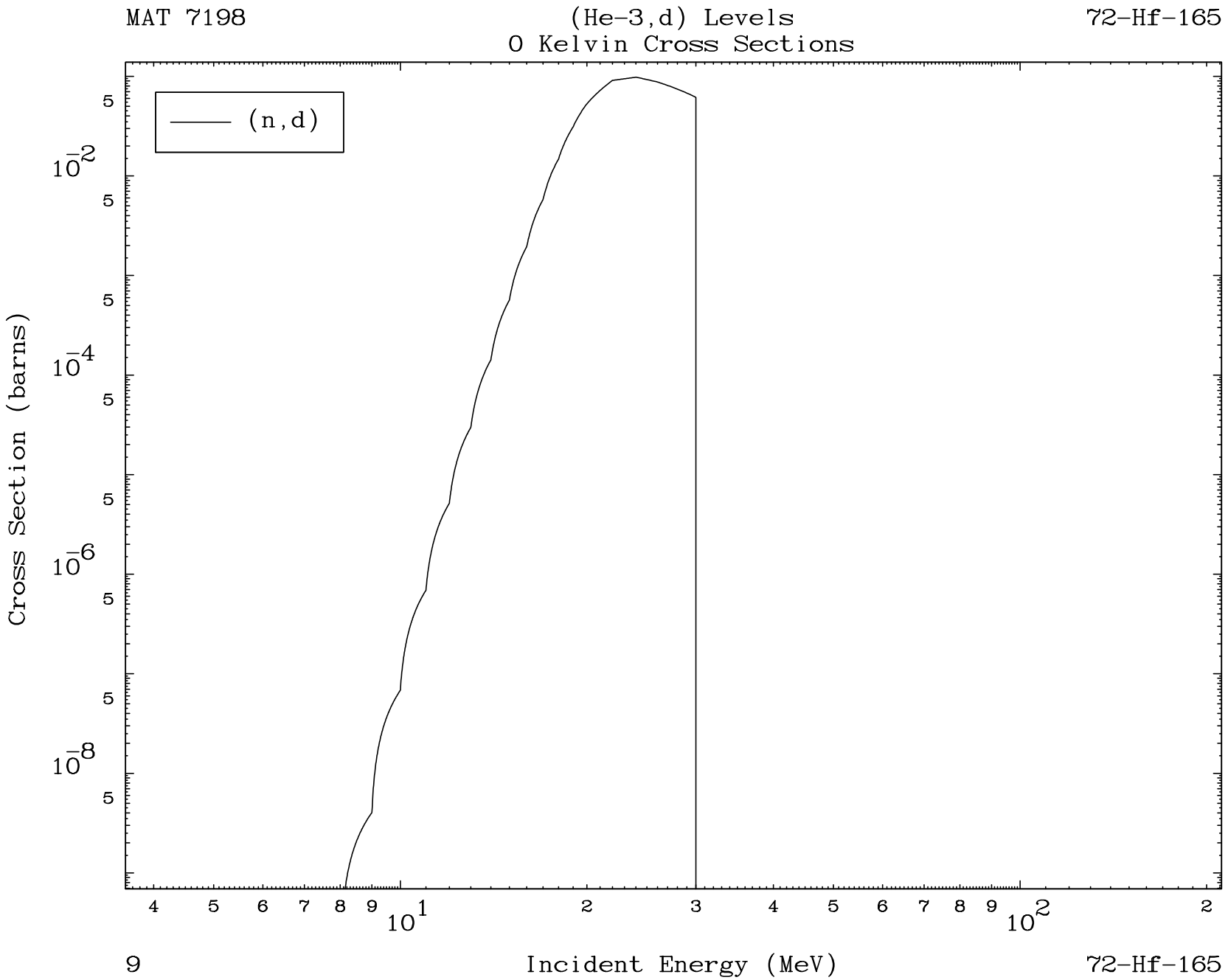

MAT 7198
He-3 Neutron Absorption
0 Kelvin Cross Sections
72-Hf-165
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
72-Hf-165

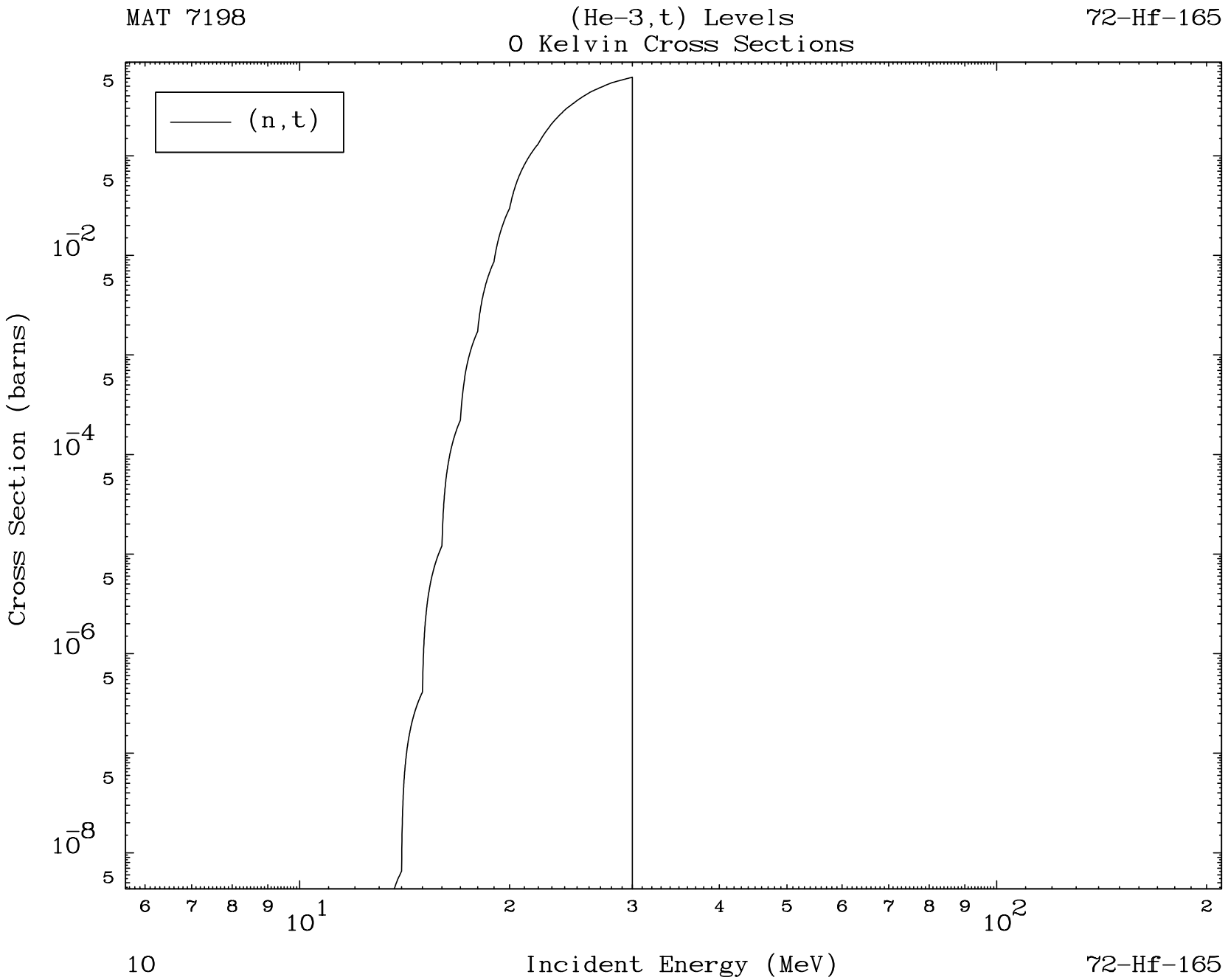

MAT 7198
He-3 Charged Particle
0 Kelvin Cross Sections
72-Hf-165
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
72-Hf-165

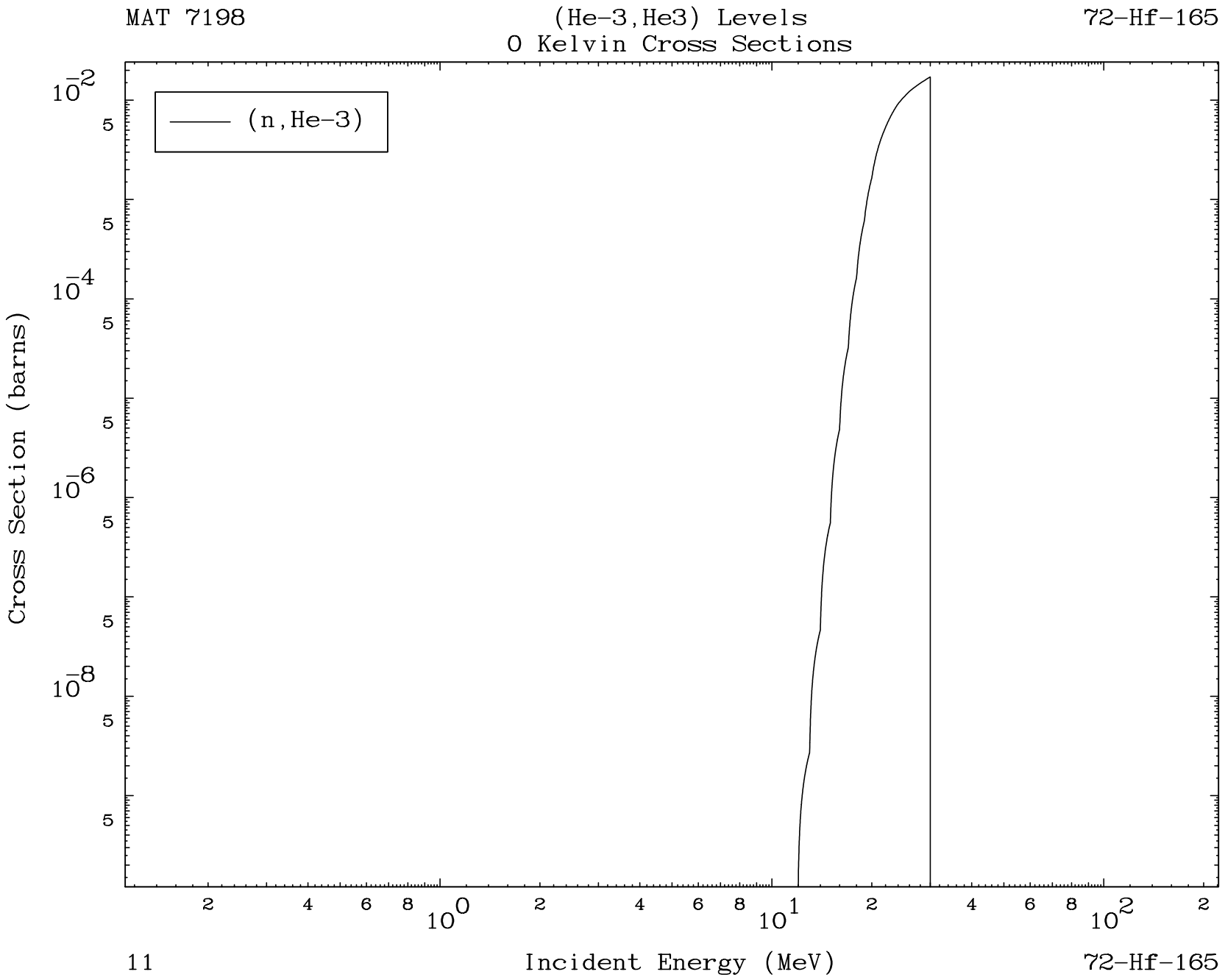

MAT 7198
He-3 Charged Particle
0 Kelvin Cross Sections
72-Hf-165
(n,n') α
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
6
72-Hf-165

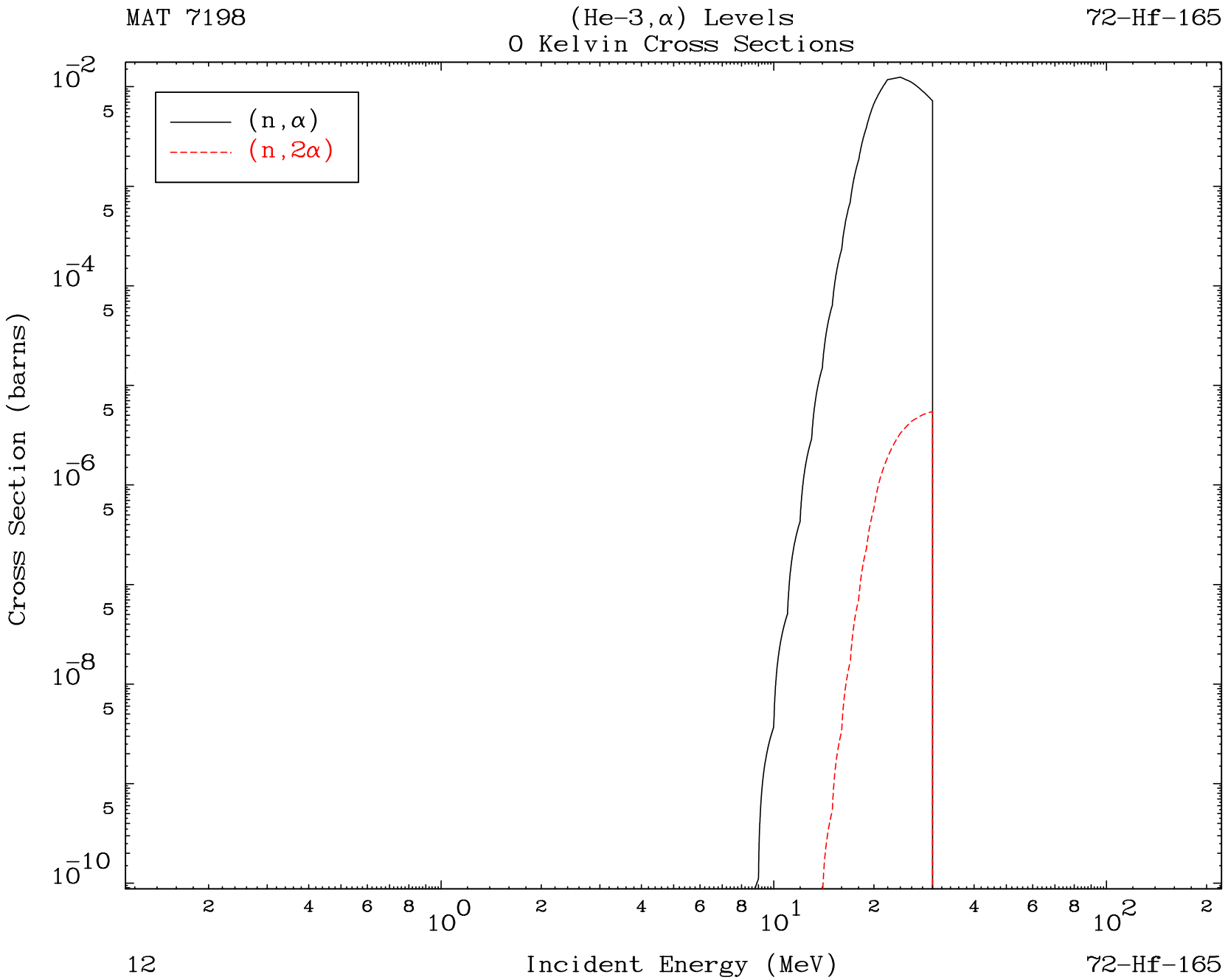

MAT 7198
He-3 Charged Particle
0 Kelvin Cross Sections
72-Hf-165
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
72-Hf-165

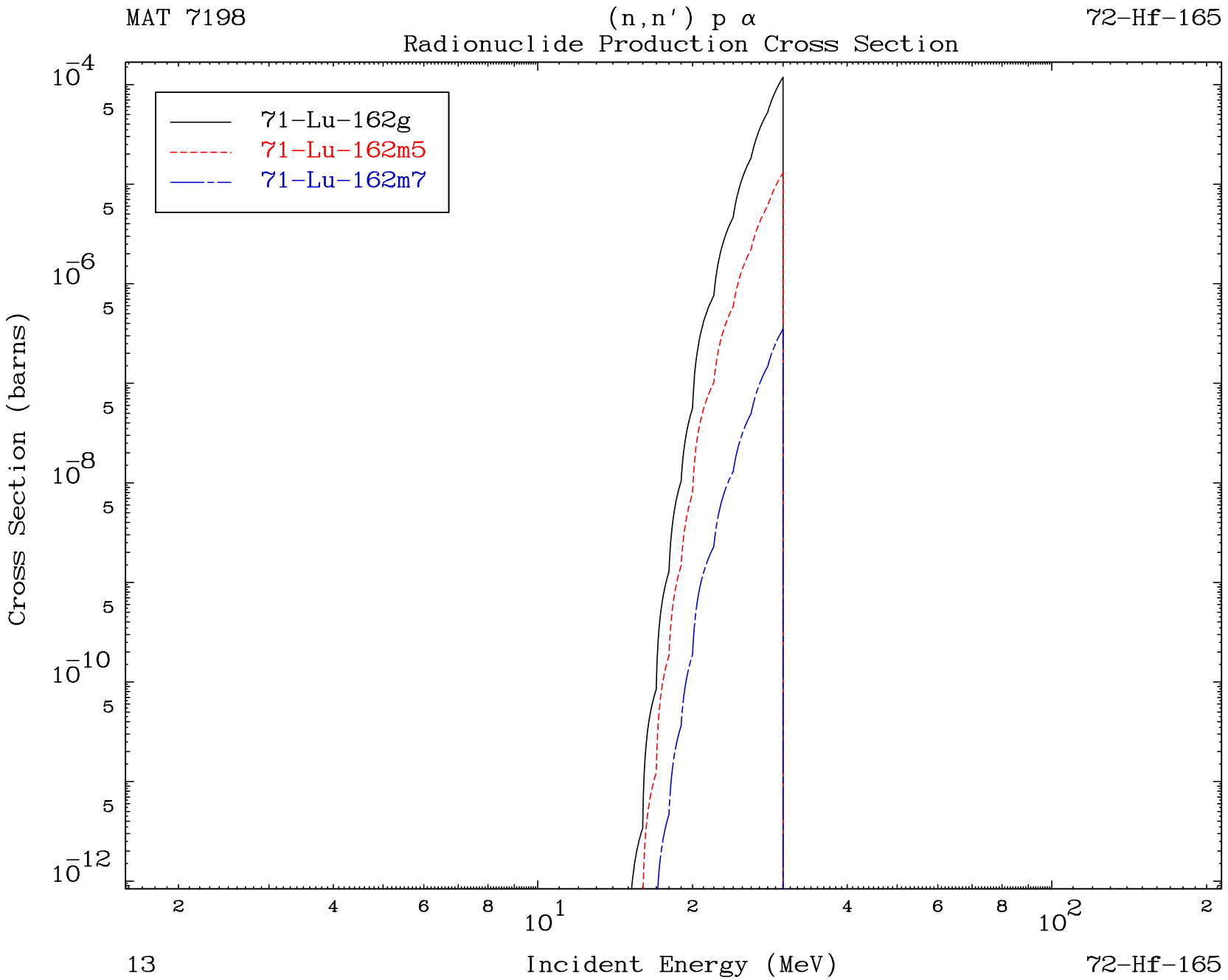

MAT 7198
(He-3,p) Levels
72-Hf-165
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
72-Hf-165

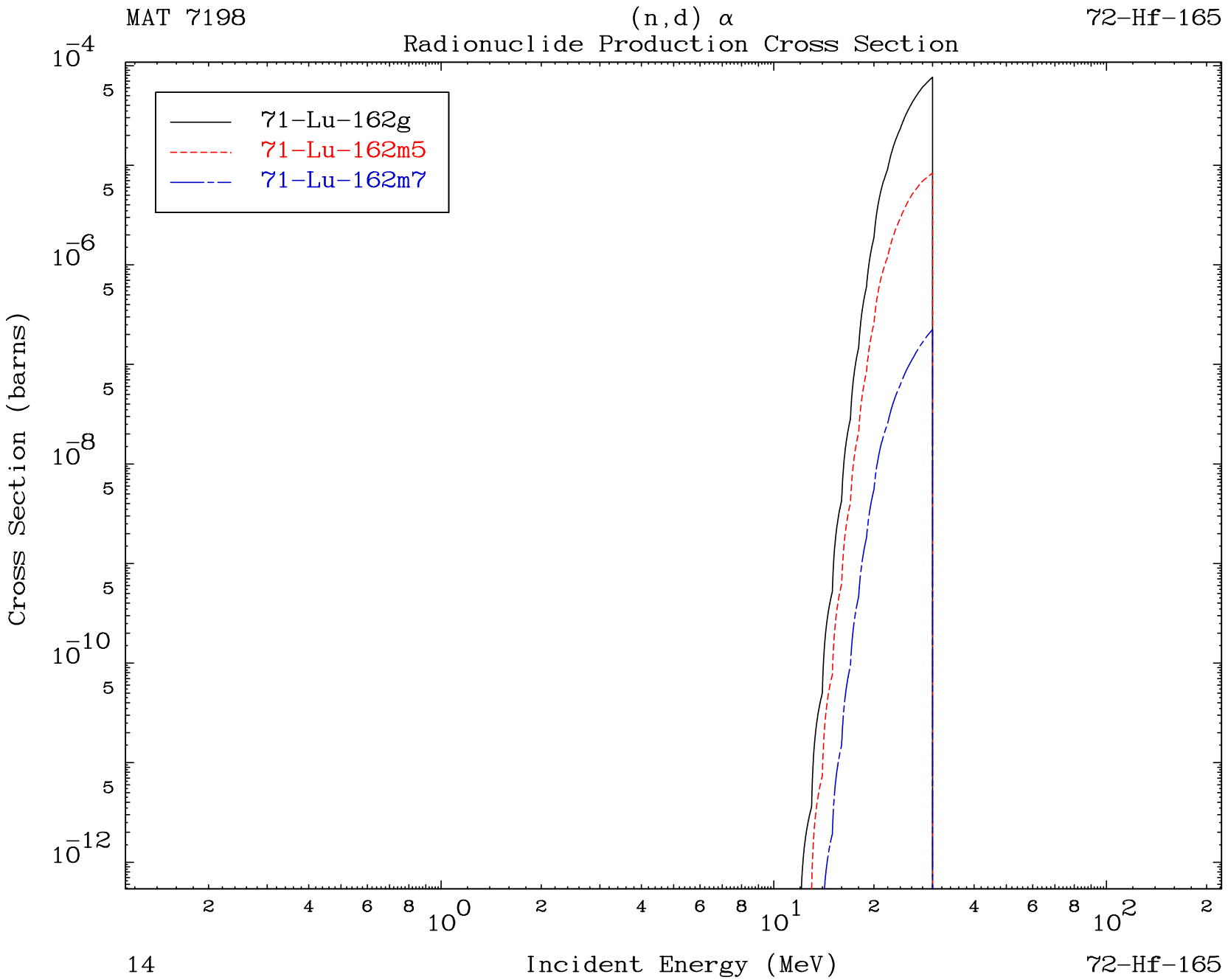

MAT 7198
(He-3,d) Levels
72-Hf-165
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
9
72-Hf-165


MAT 7198
(He-3,t) Levels
72-Hf-165
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
72-Hf-165


MAT 7198
(He-3,He3) Levels
72-Hf-165
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
72-Hf-165


MAT 7198
(He-3,α) Levels
0 Kelvin Cross Sections
72-Hf-165
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
12
72-Hf-165


MAT 7198
(n,n') p α
72-Hf-165
Radionuclide Production Cross Section
71-Lu-162g
71-Lu-162m5
71-Lu-162m7
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
2
4
6
8
10^1
2
4
6
8
10^2
2
13
Incident Energy (MeV)
72-Hf-165


MAT 7198
(n,d) α
72-Hf-165
Radionuclide Production Cross Section
71-Lu-162g
71-Lu-162m5
71-Lu-162m7
Cross Section (barns)
Incident Energy (MeV)
14
72-Hf-165