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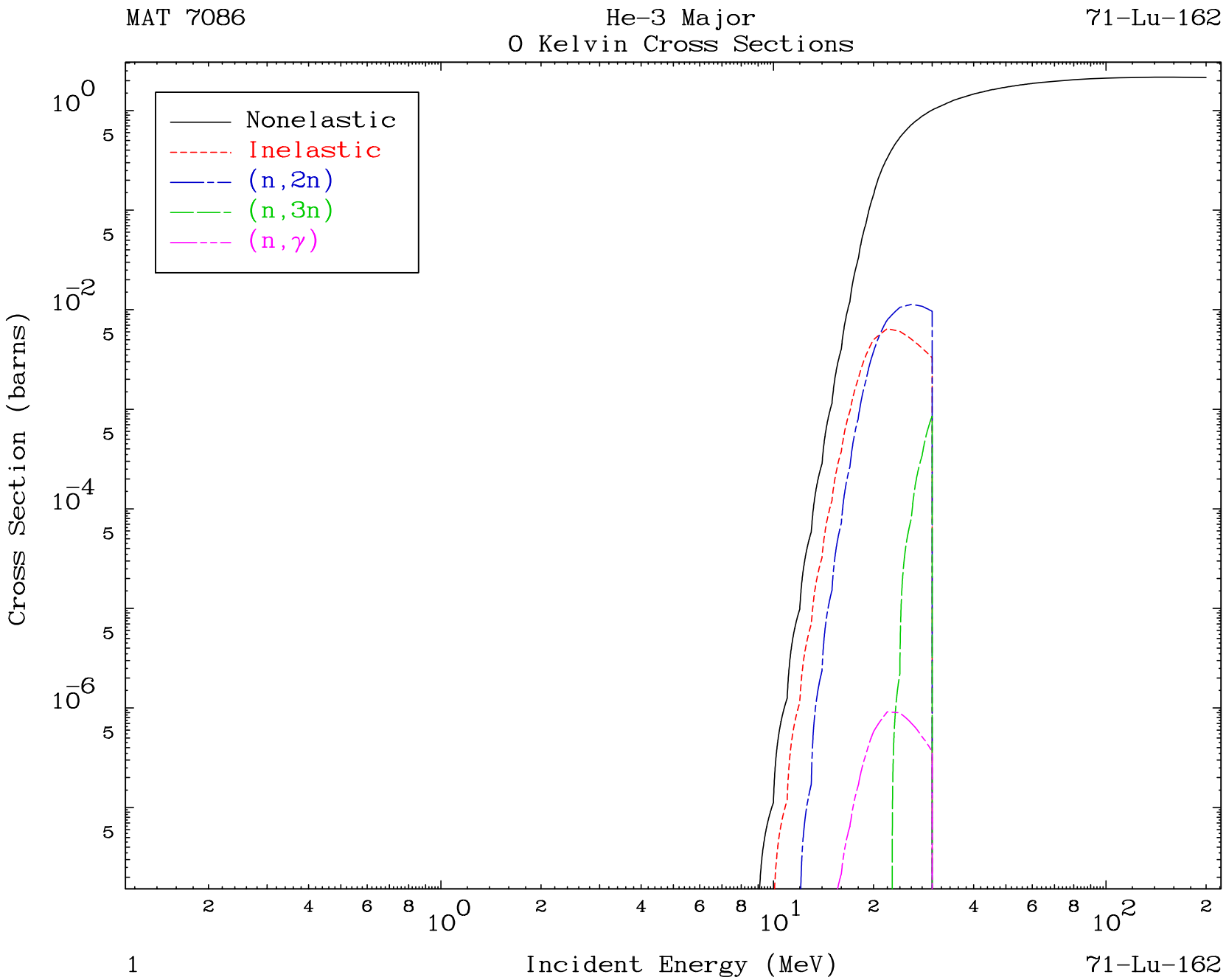
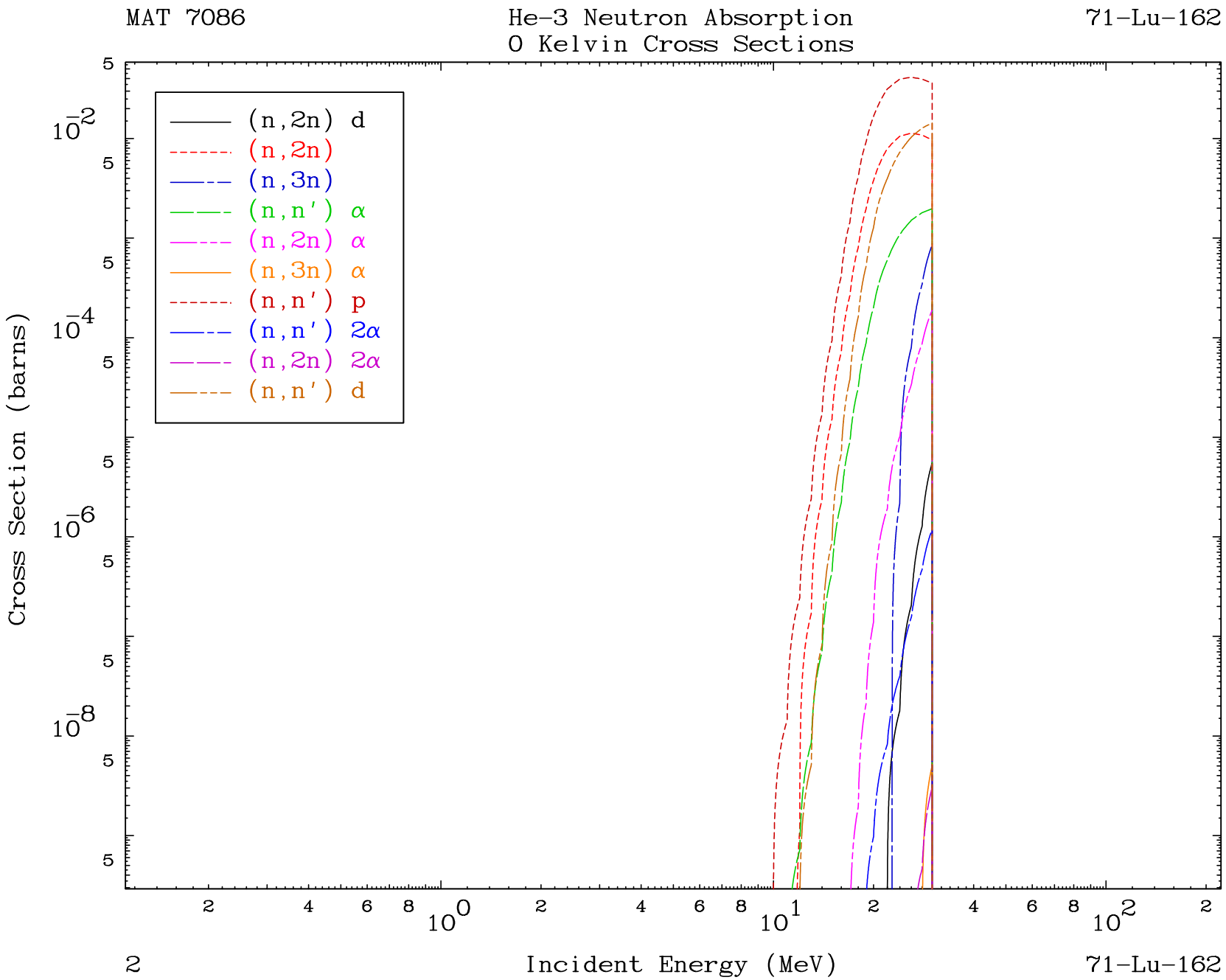
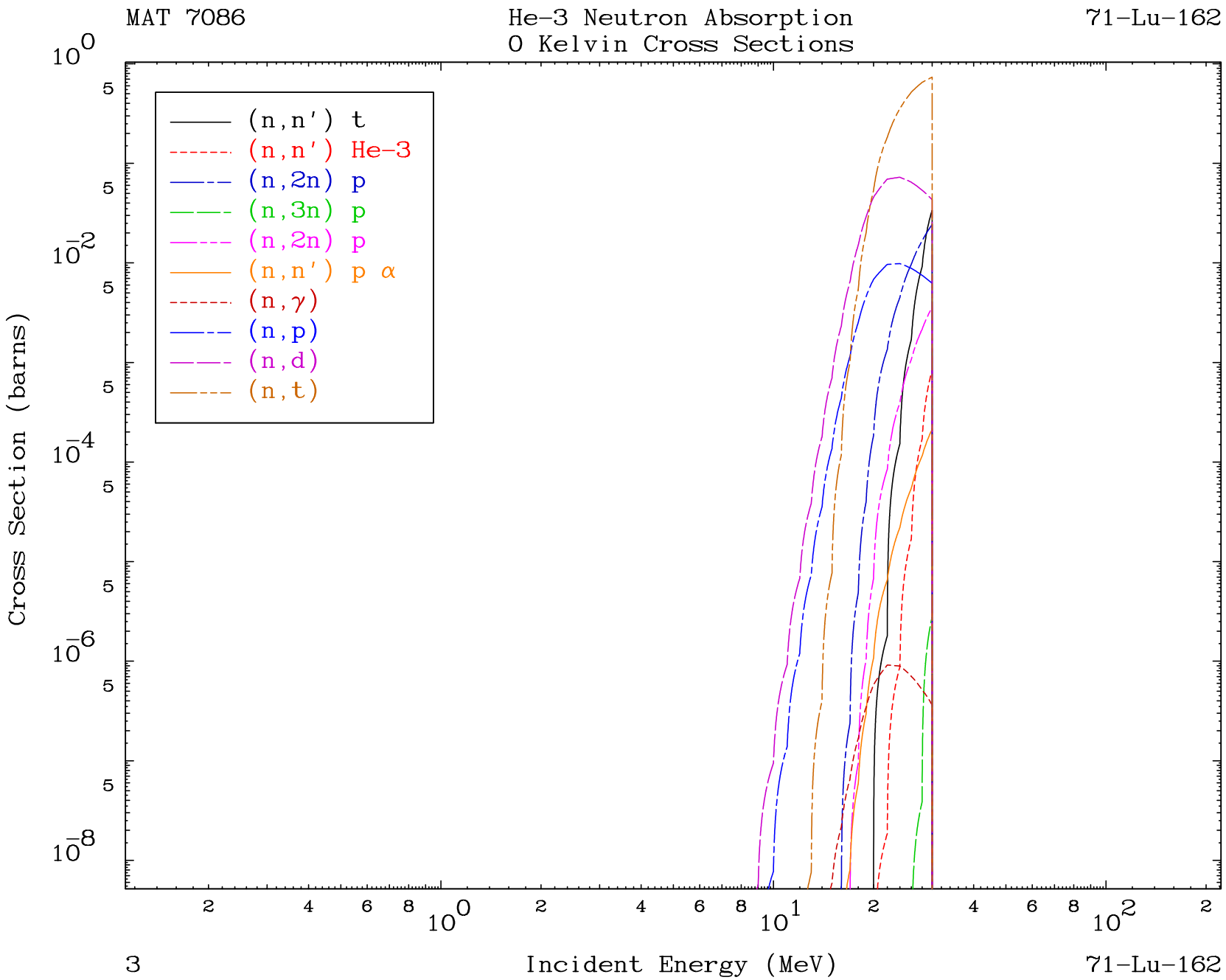
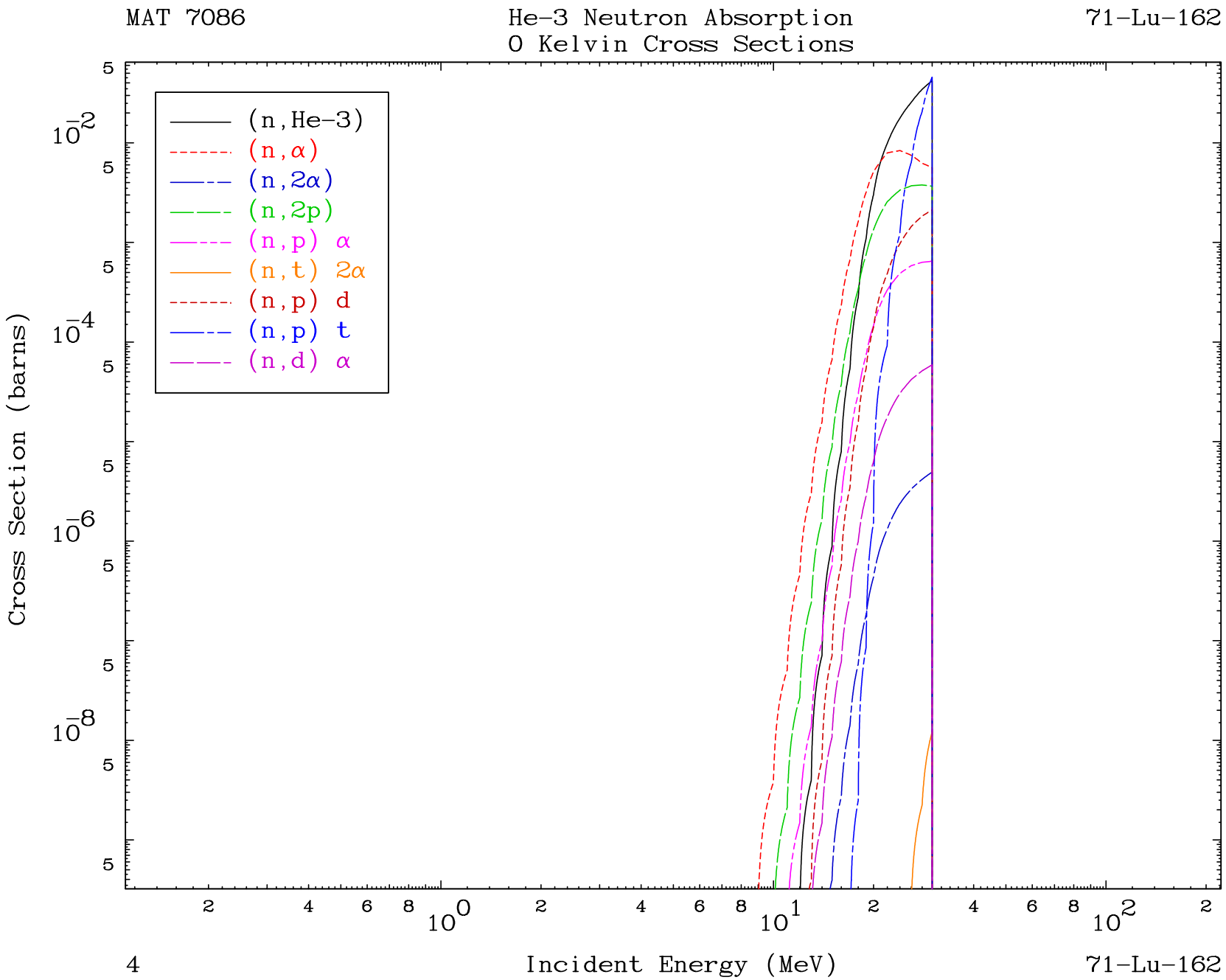
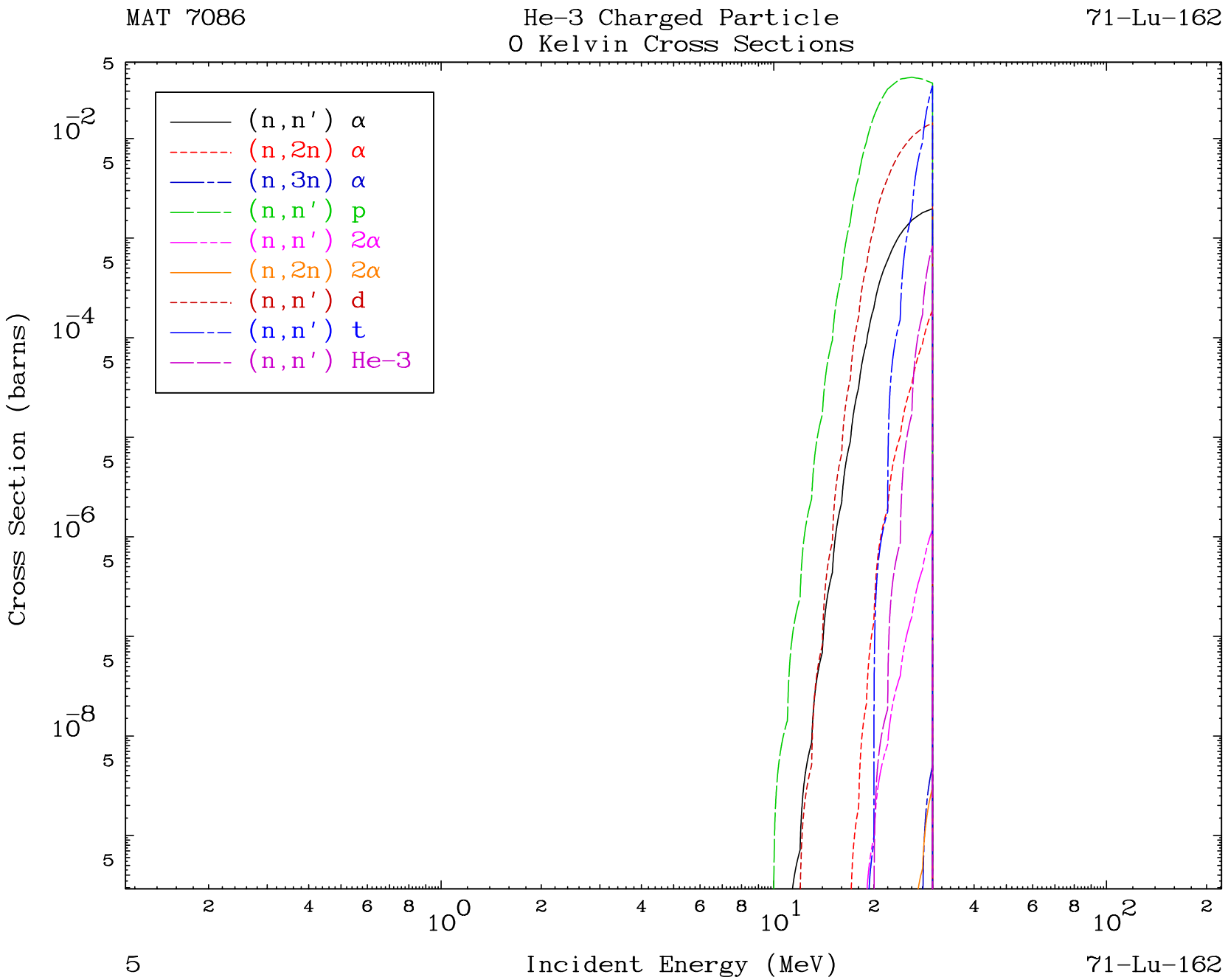
Press Mouse Button to Start

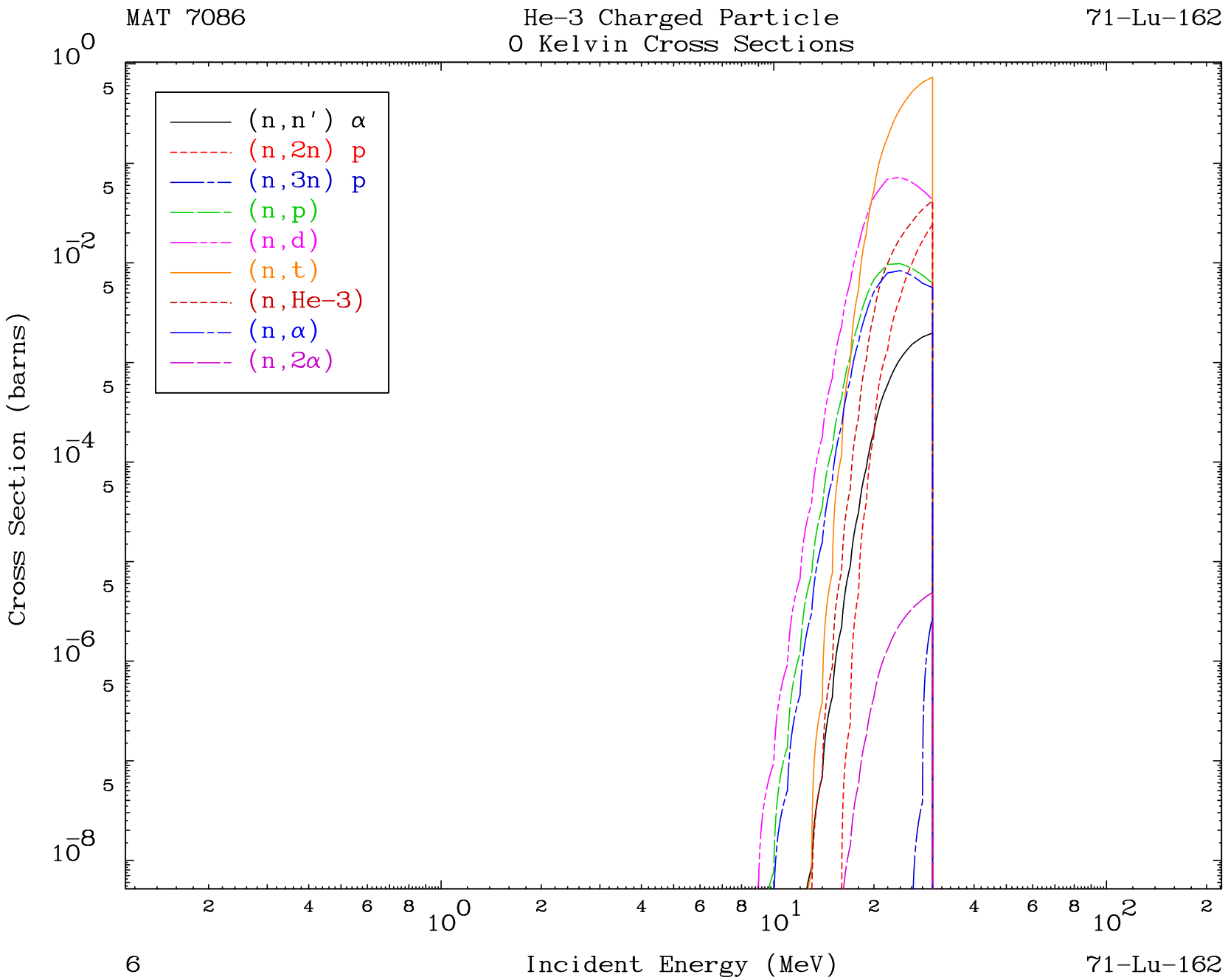

MAT 7086
He-3 Major
71-Lu-162
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
71-Lu-162
1

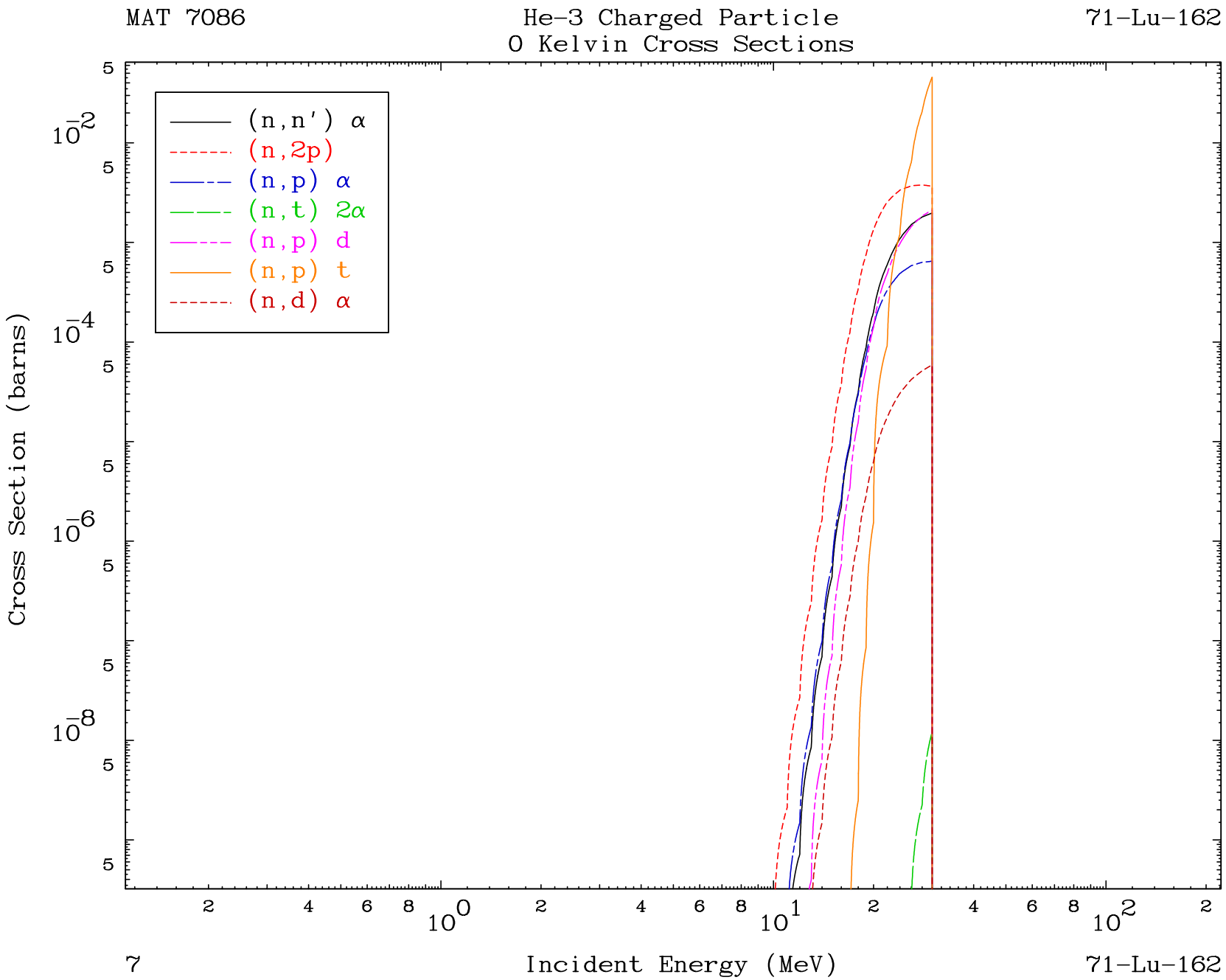

MAT 7086
He-3 Neutron Absorption
0 Kelvin Cross Sections
71-Lu-162
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
71-Lu-162
2

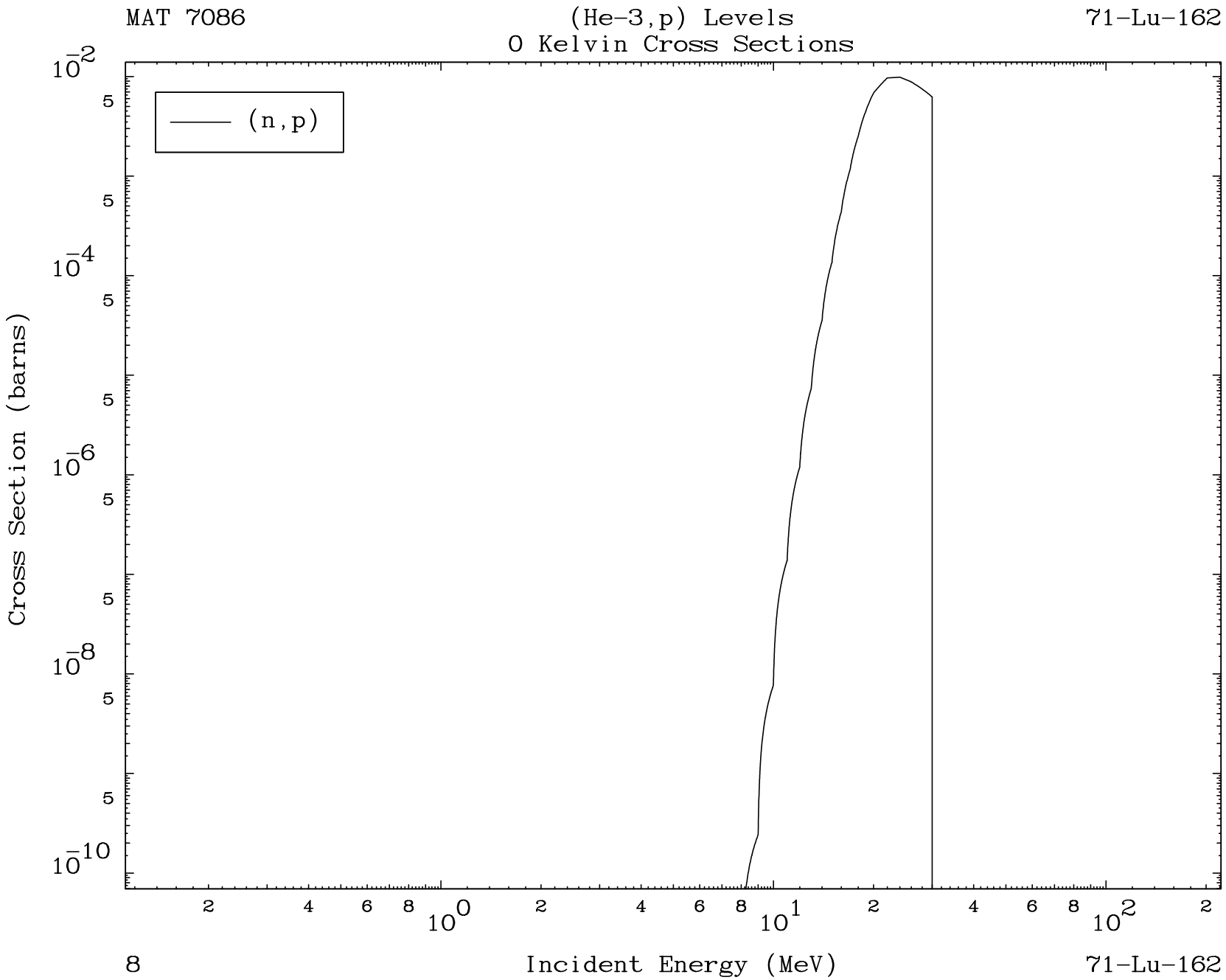

MAT 7086
He-3 Neutron Absorption
0 Kelvin Cross Sections
71-Lu-162
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
71-Lu-162

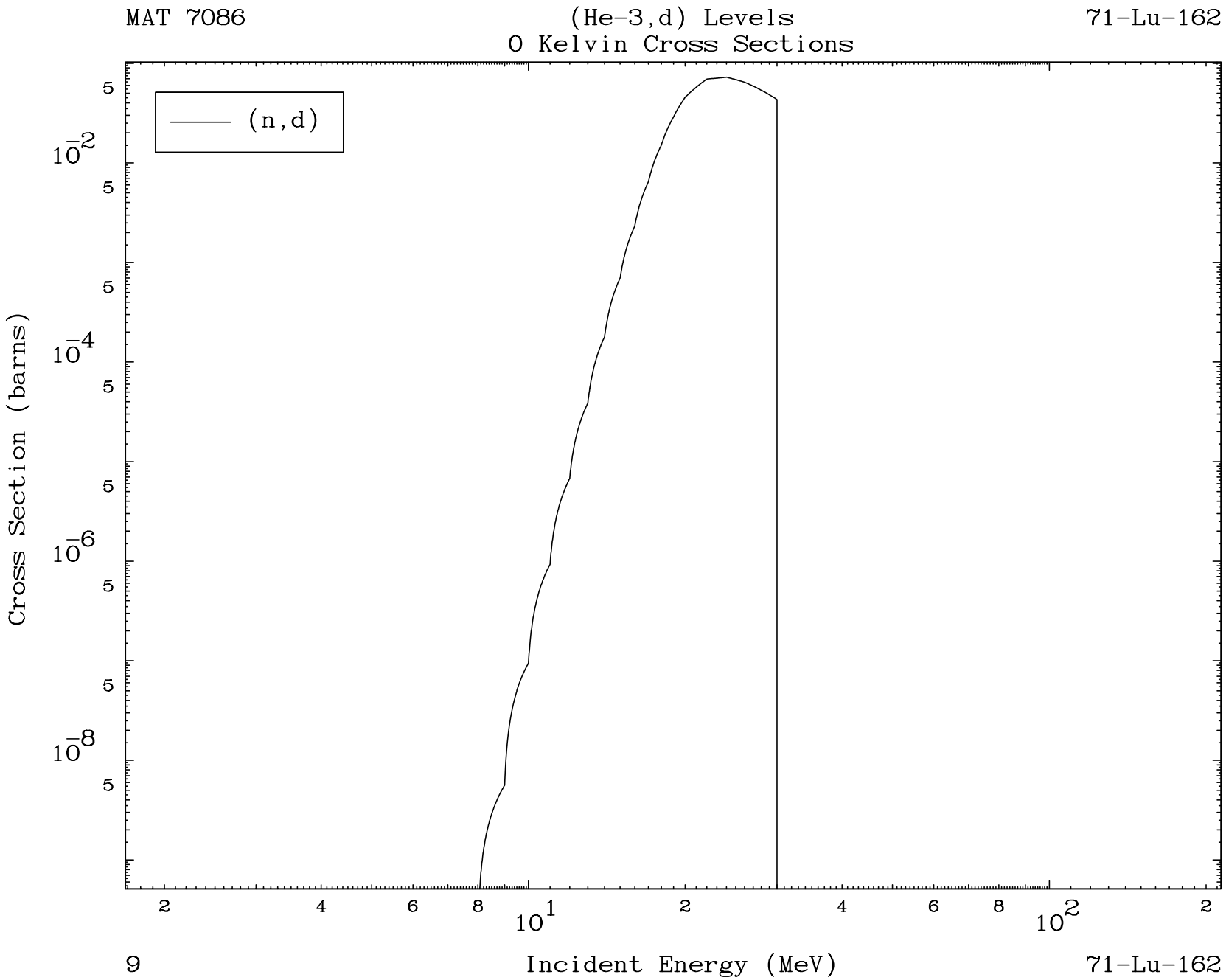

MAT 7086
He-3 Neutron Absorption
0 Kelvin Cross Sections
71-Lu-162
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,t) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
71-Lu-162

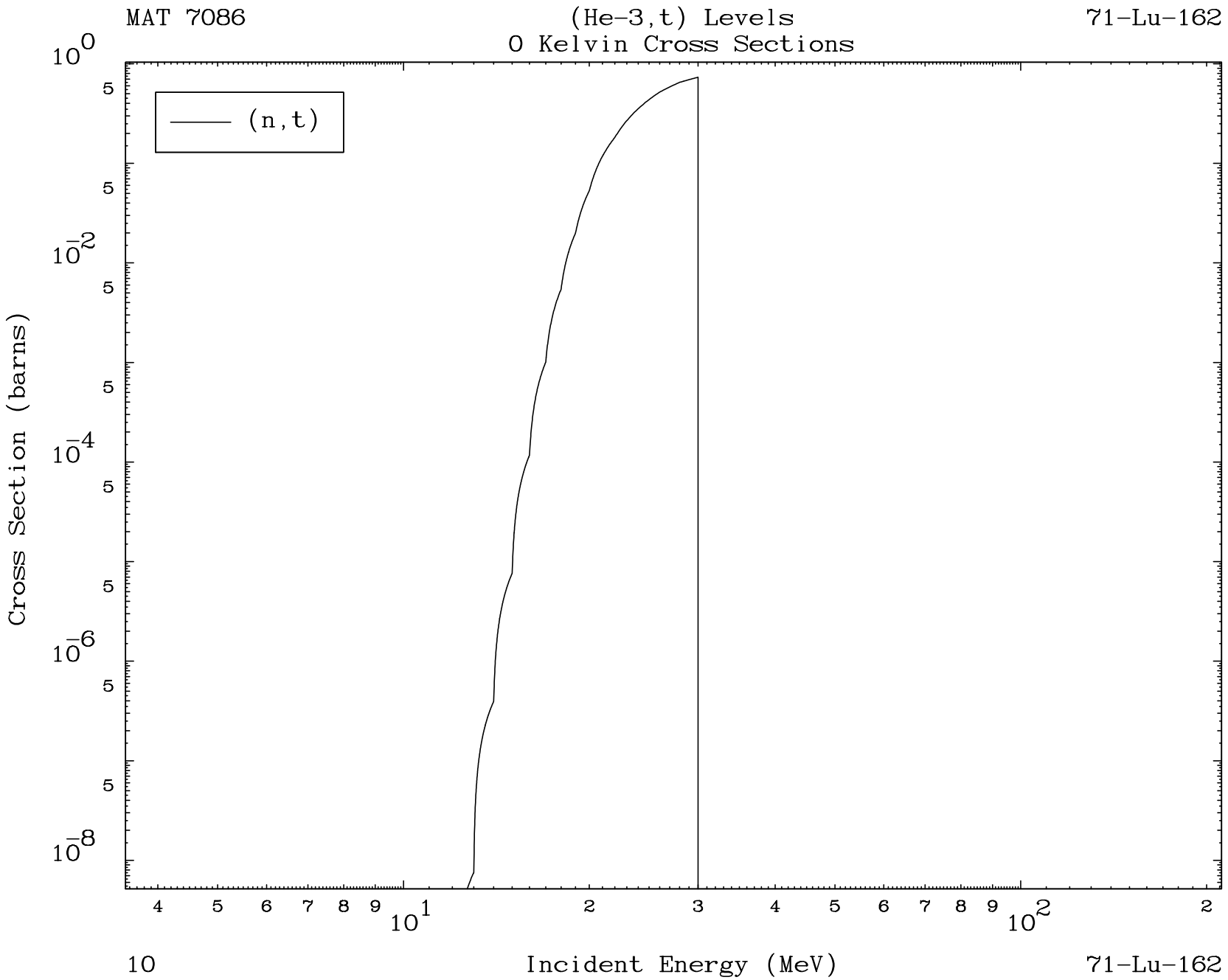

MAT 7086
He-3 Charged Particle
0 Kelvin Cross Sections
71-Lu-162
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
71-Lu-162

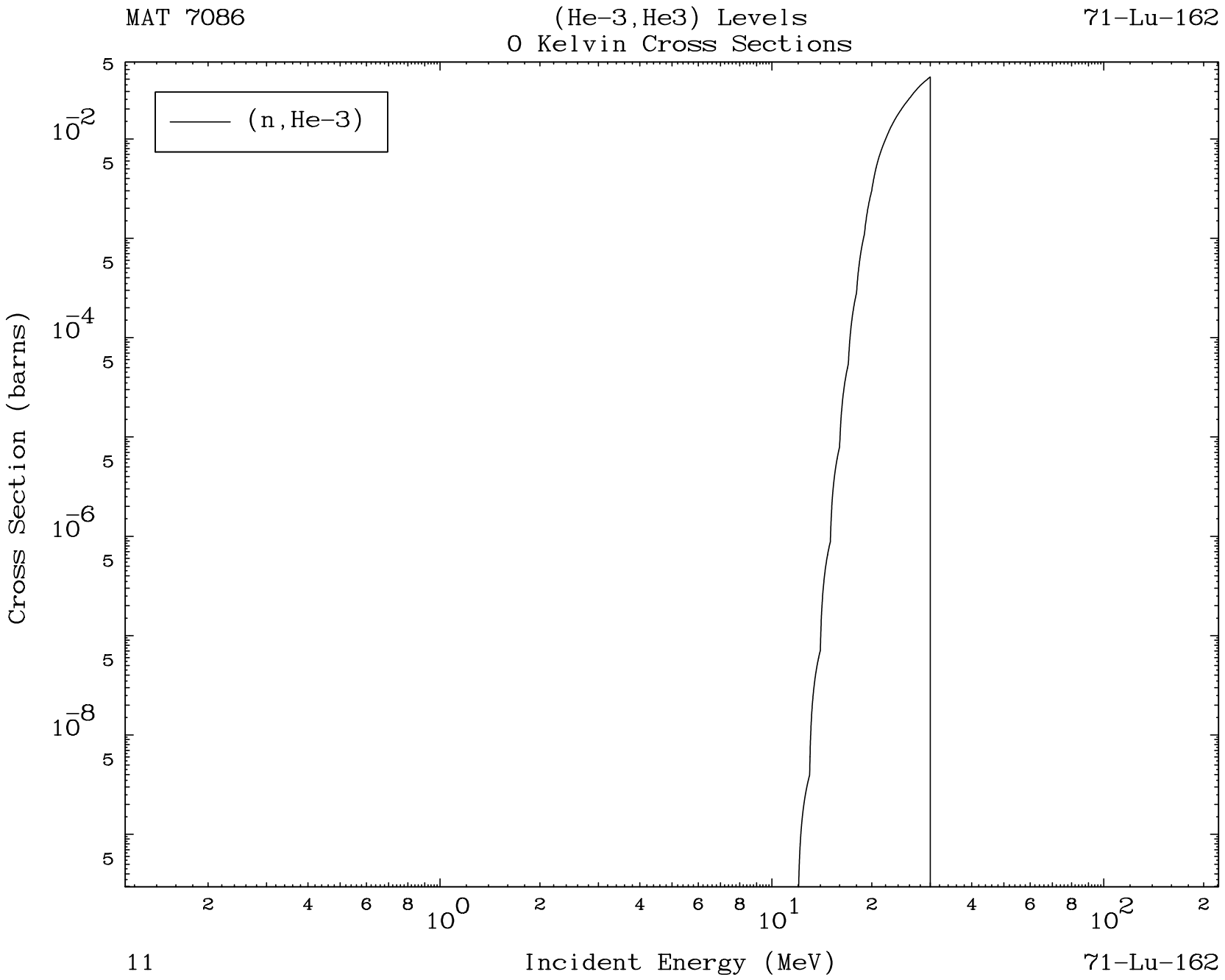

MAT 7086
He-3 Charged Particle
0 Kelvin Cross Sections
71-Lu-162
(n,n') α
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
6
71-Lu-162

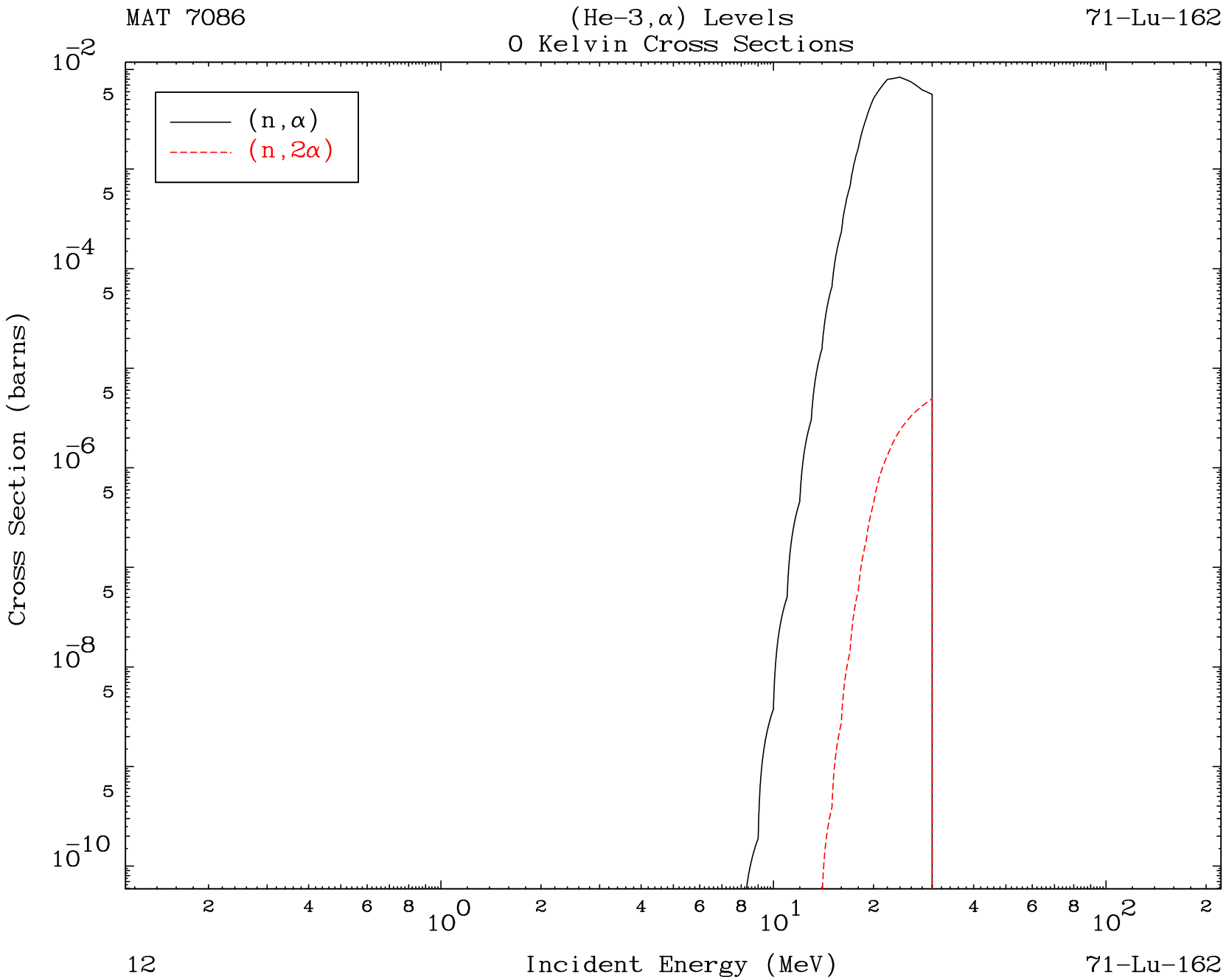

MAT 7086
He-3 Charged Particle
0 Kelvin Cross Sections
71-Lu-162
(n,n') α
(n,2p)
(n,p) α
(n,t) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
71-Lu-162

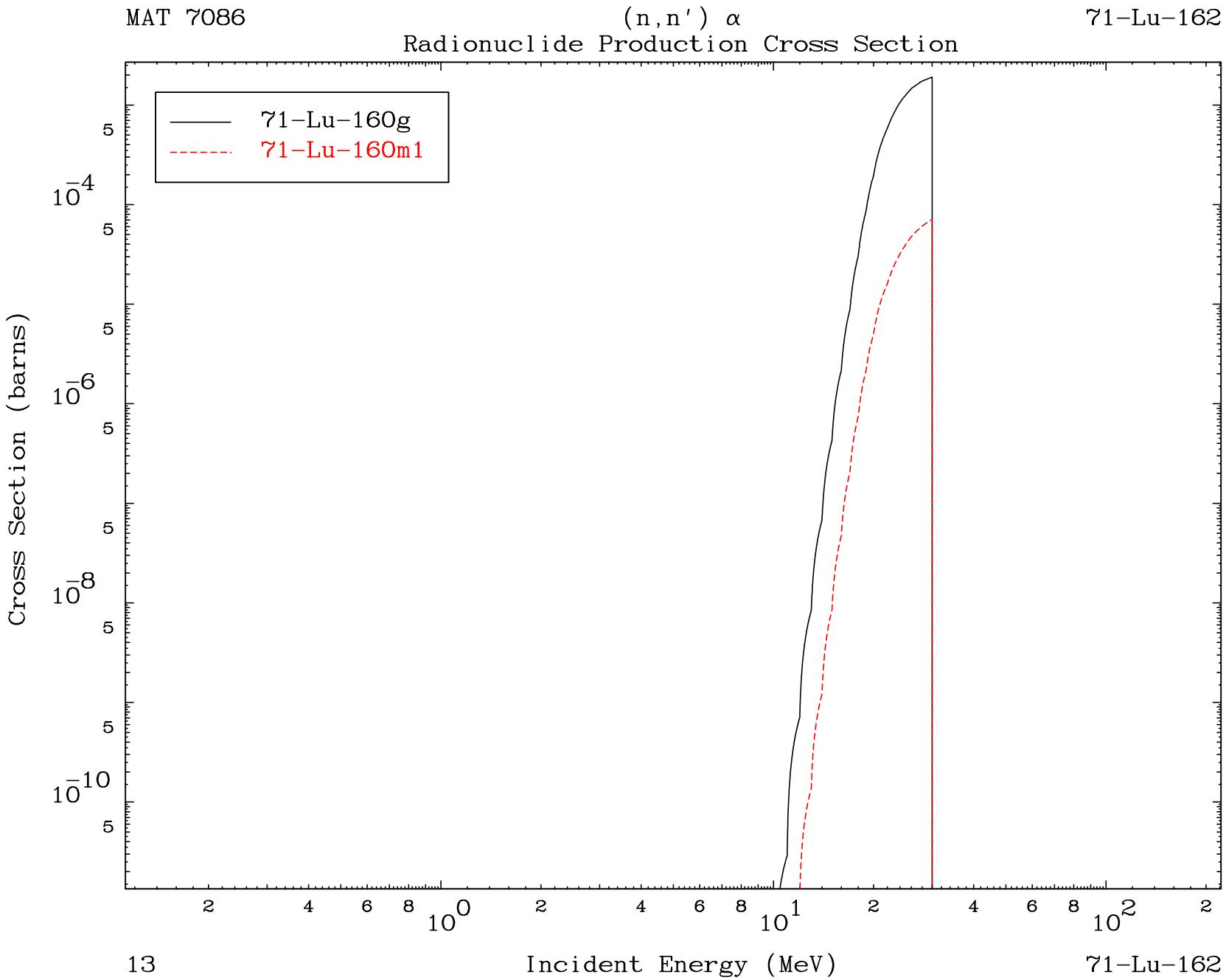

MAT 7086
(He-3,p) Levels
71-Lu-162
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
71-Lu-162

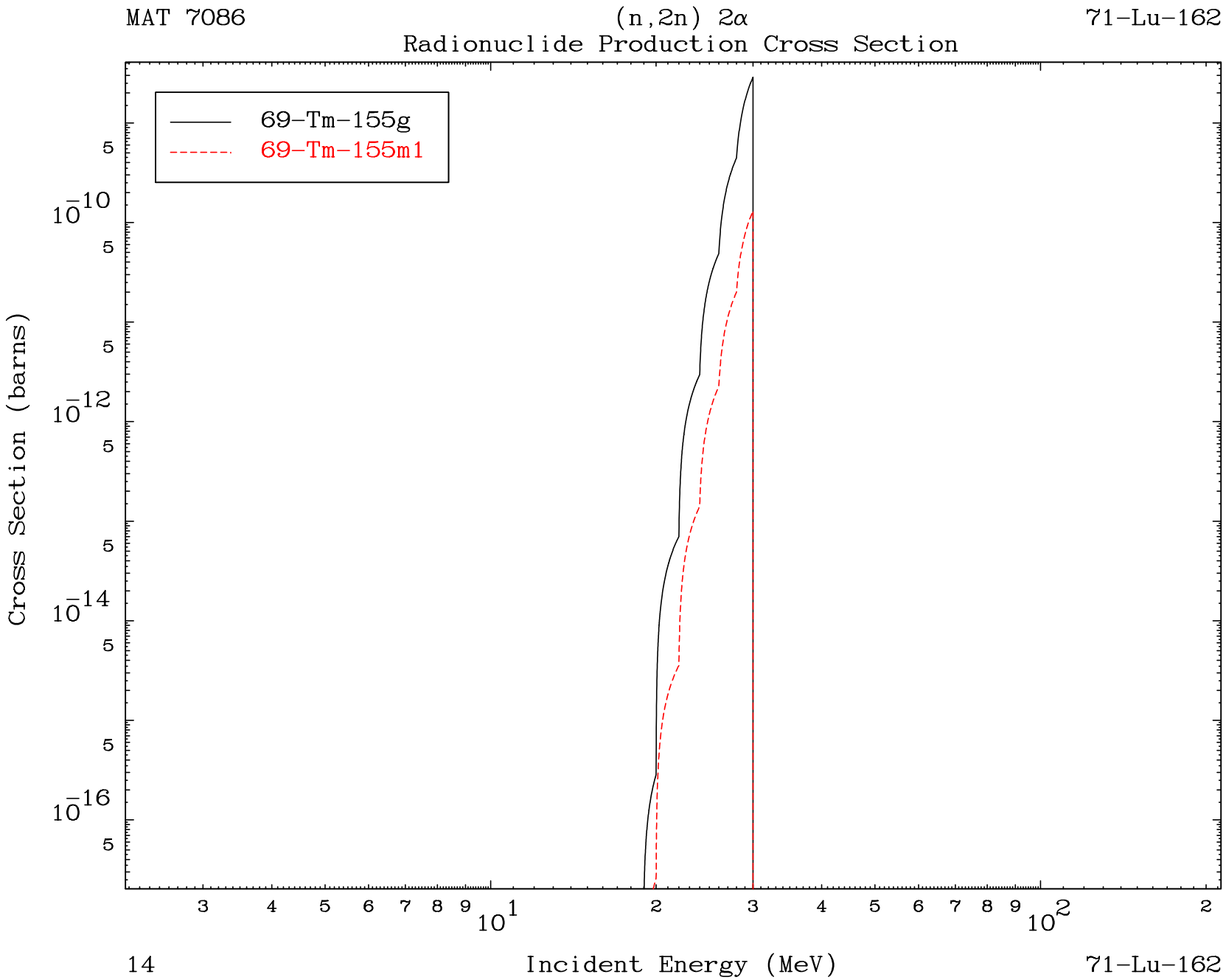

MAT 7086
(He-3,d) Levels
71-Lu-162
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
10 1
2
4
6
8
10 2
2
9
Incident Energy (MeV)
71-Lu-162

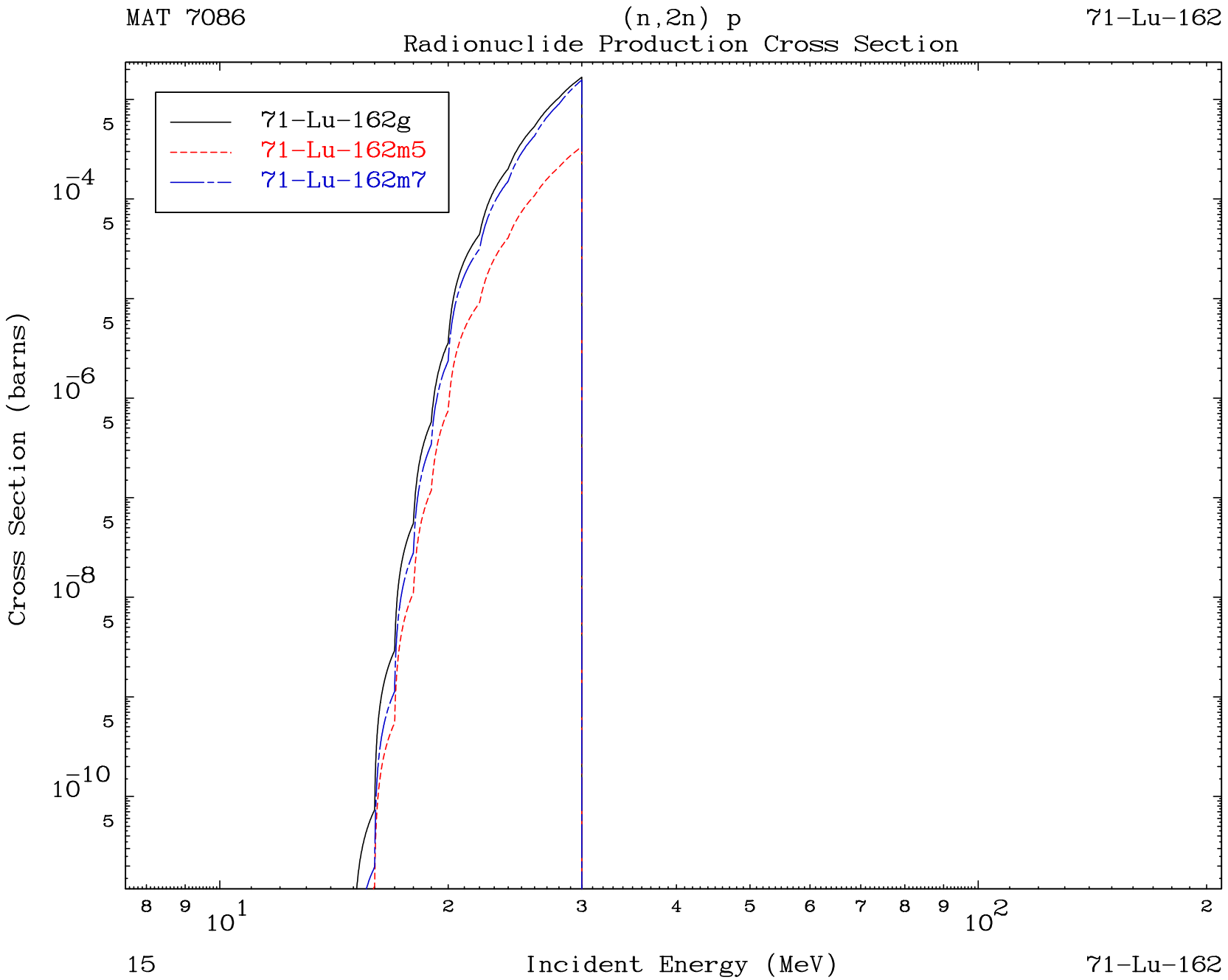

MAT 7086
(He-3,t) Levels
71-Lu-162
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
71-Lu-162

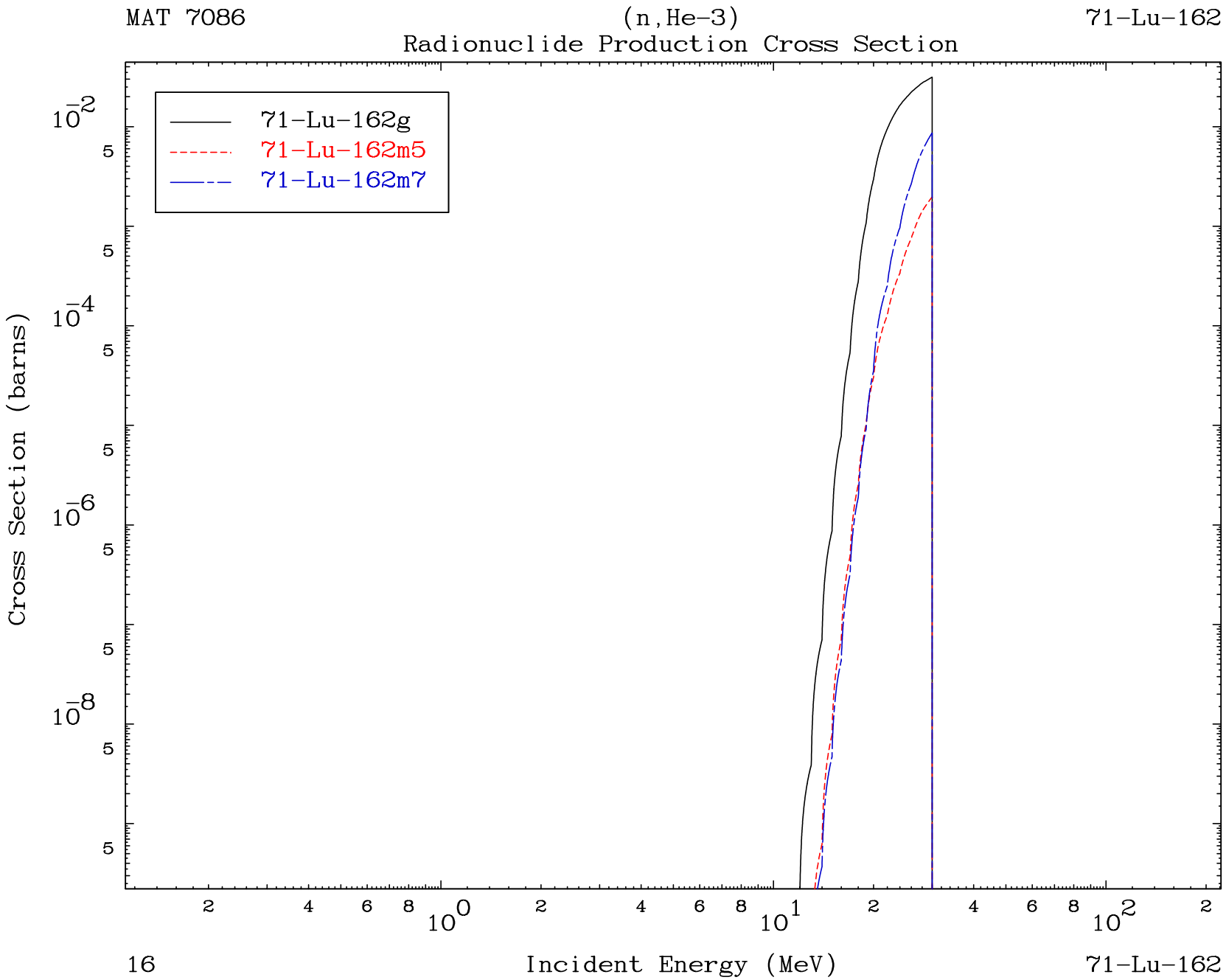

MAT 7086
(He-3,He3) Levels
71-Lu-162
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
71-Lu-162

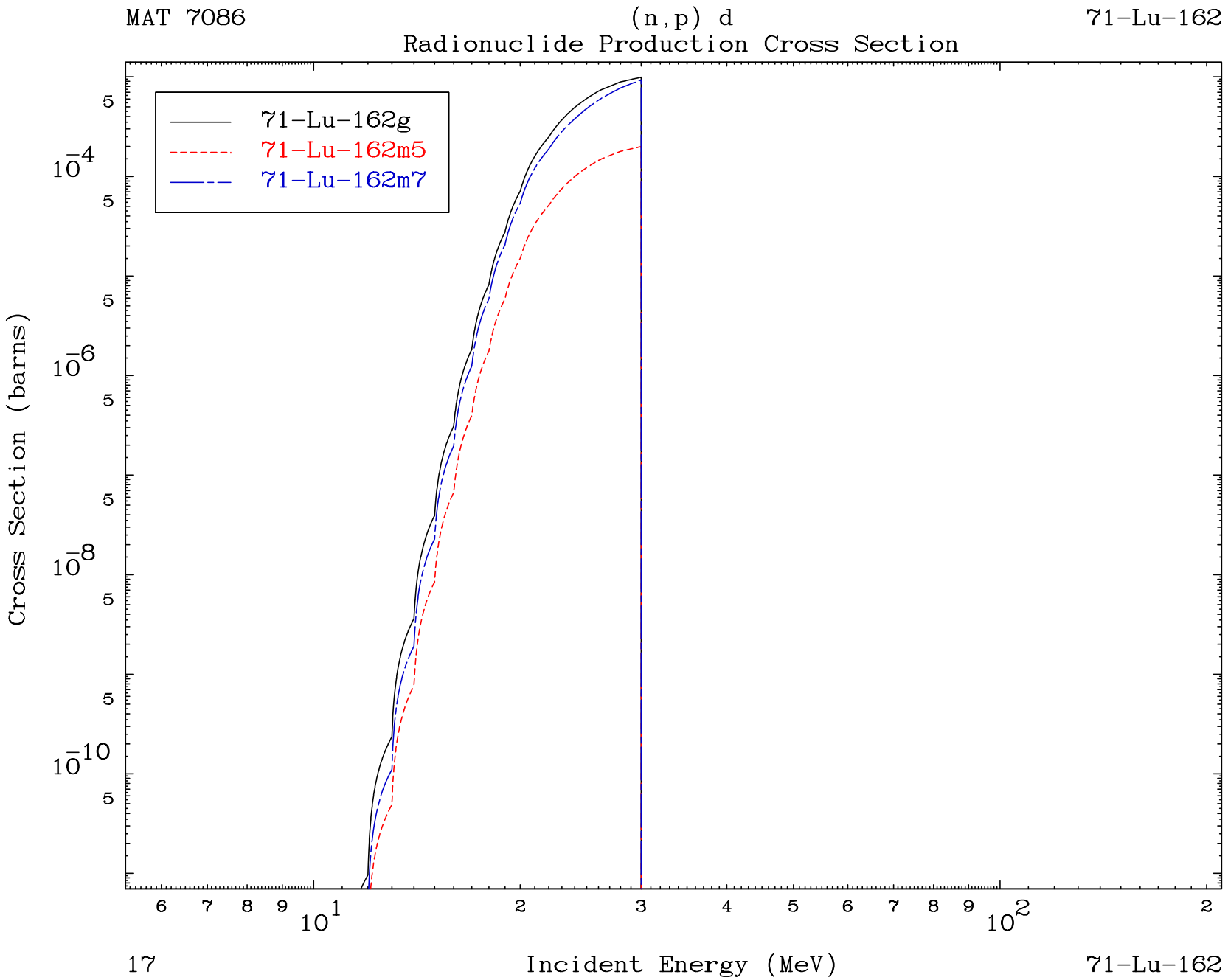

MAT 7086
(He-3,α) Levels
0 Kelvin Cross Sections
71-Lu-162
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
12
71-Lu-162


MAT 7086
(n,n') α
71-Lu-162
Radionuclide Production Cross Section
71-Lu-160g
71-Lu-160m1
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
13
71-Lu-162


MAT 7086
(n,2n) 2α
71-Lu-162
Radionuclide Production Cross Section
69-Tm-155g
69-Tm-155m1
Cross Section (barns)
Incident Energy (MeV)
14
71-Lu-162


MAT 7086
(n,2n) p
71-Lu-162
Radionuclide Production Cross Section
71-Lu-162g
71-Lu-162m5
71-Lu-162m7
Cross Section (barns)
Incident Energy (MeV)
15
71-Lu-162


MAT 7086
(n,He-3)
71-Lu-162
Radionuclide Production Cross Section
71-Lu-162g
71-Lu-162m5
71-Lu-162m7
Cross Section (barns)
Incident Energy (MeV)
16
71-Lu-162


MAT 7086
(n,p) d
71-Lu-162
Radionuclide Production Cross Section
71-Lu-162g
71-Lu-162m5
71-Lu-162m7
Cross Section (barns)
Incident Energy (MeV)
17
71-Lu-162