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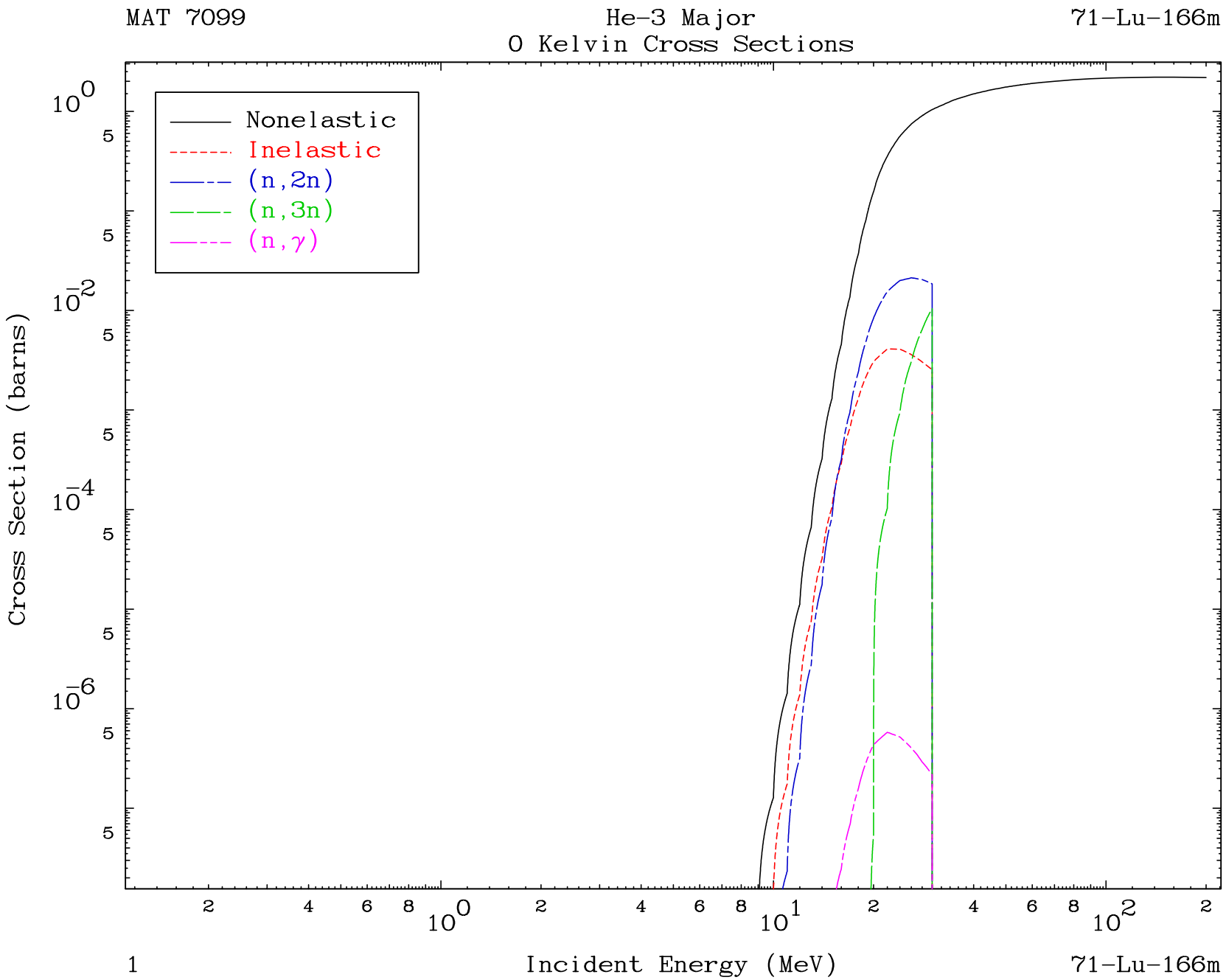
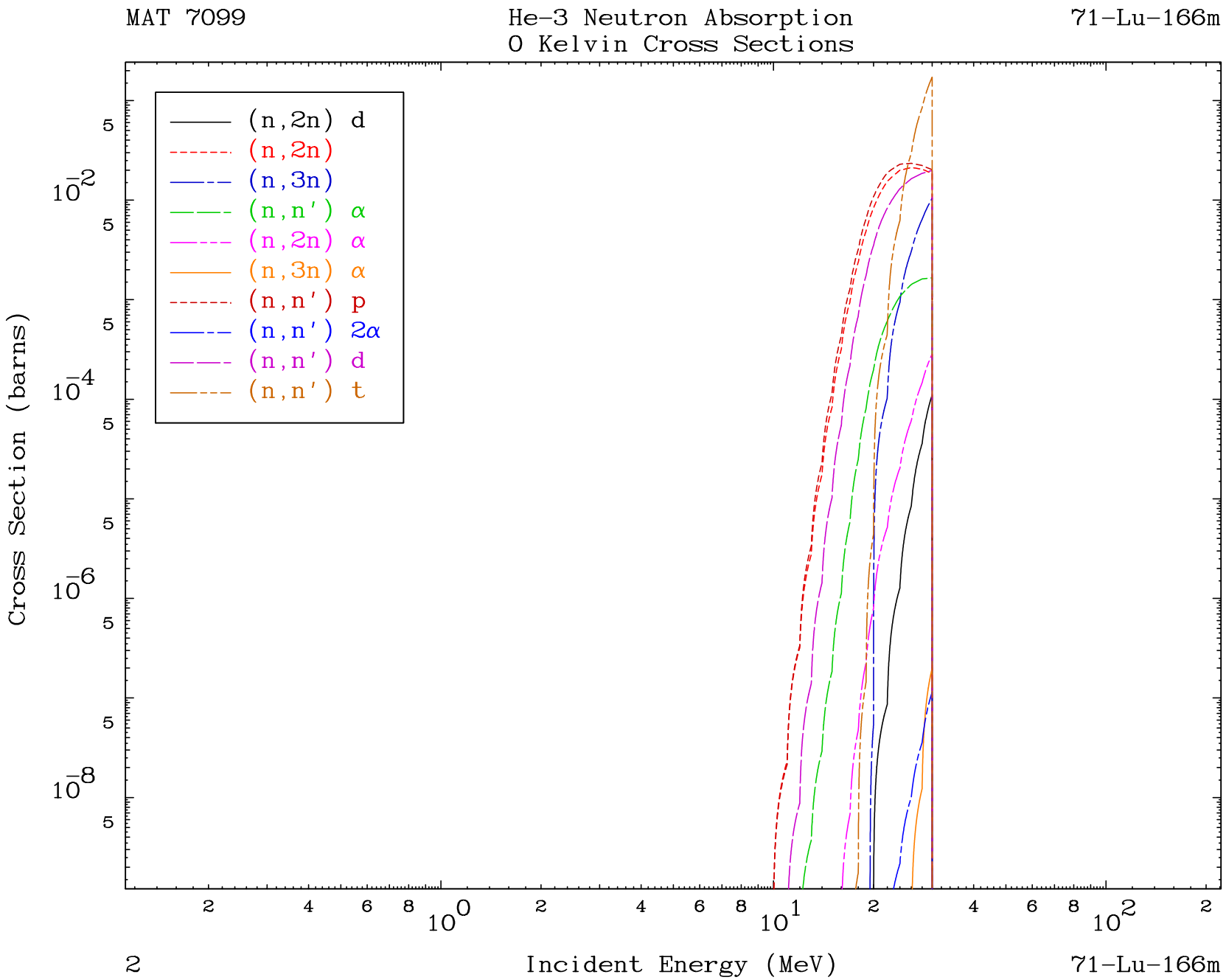
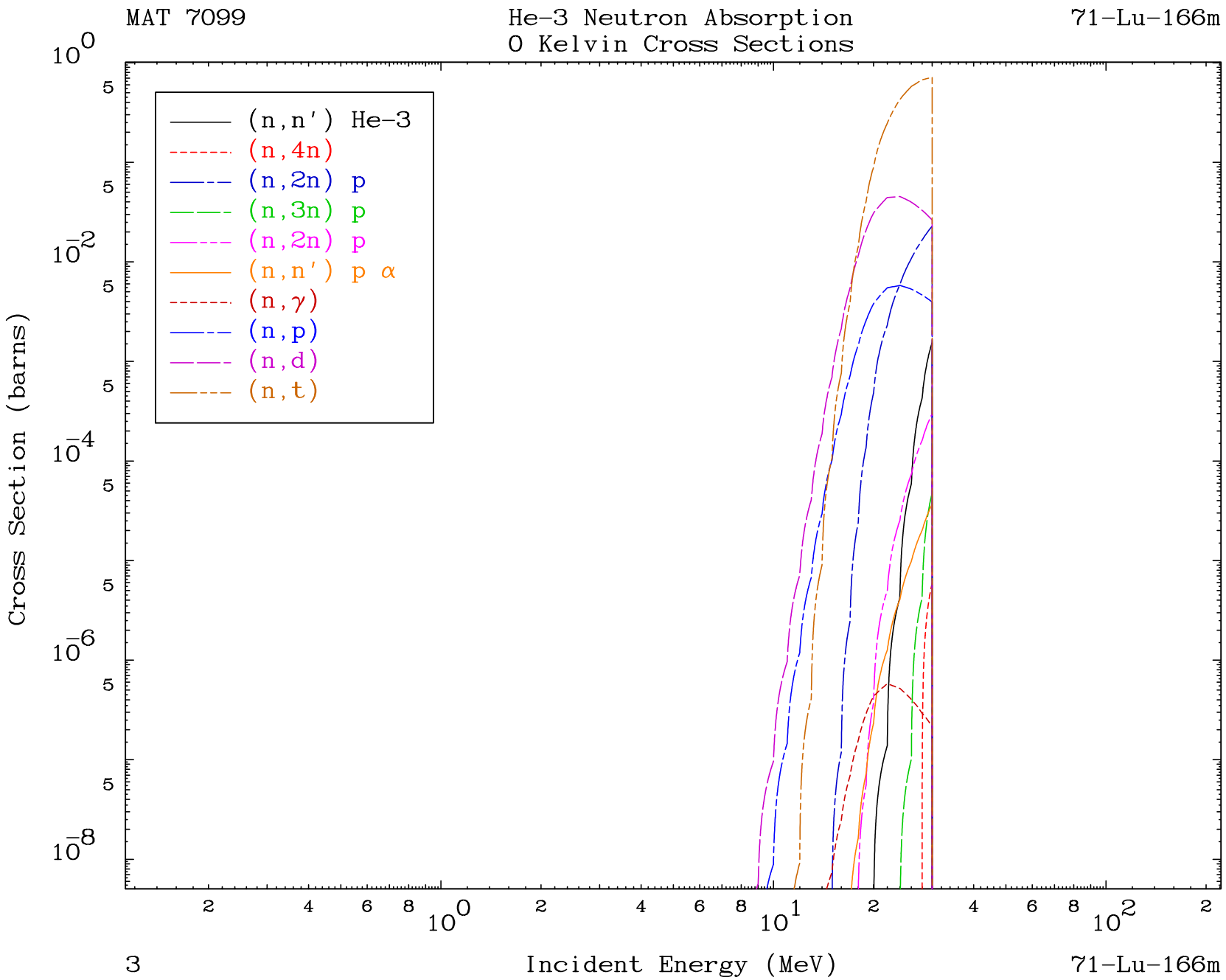
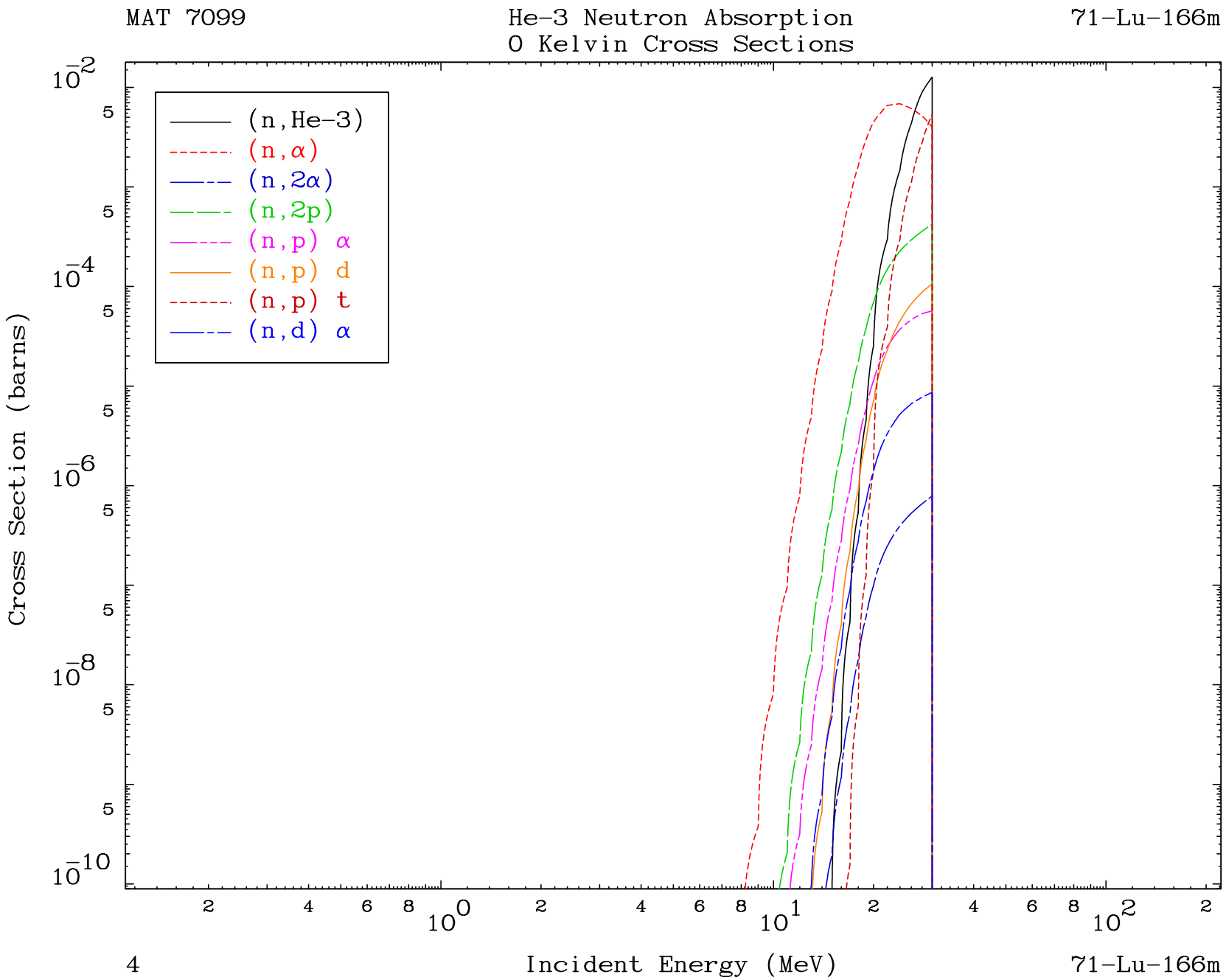
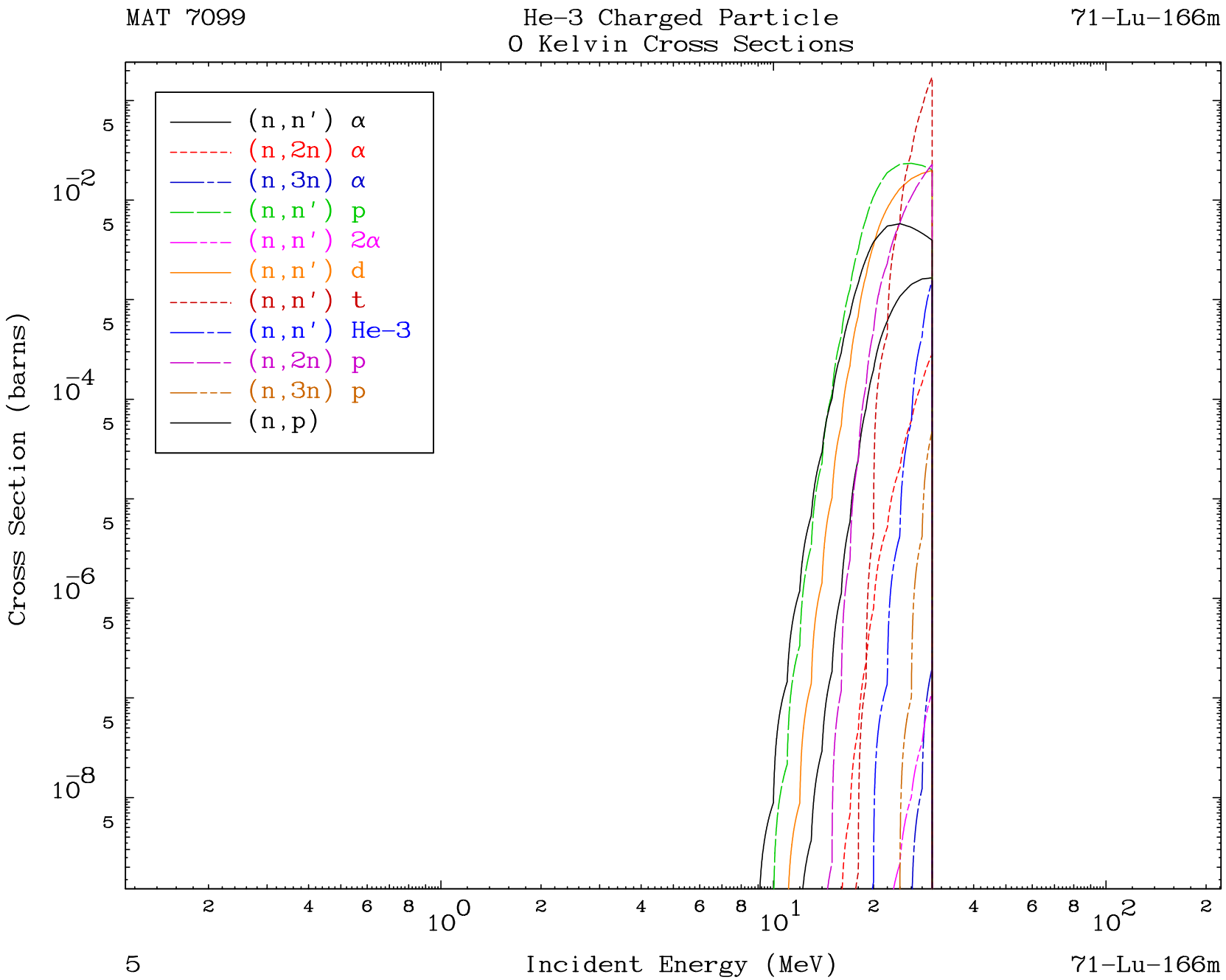
Press Mouse Button to Start

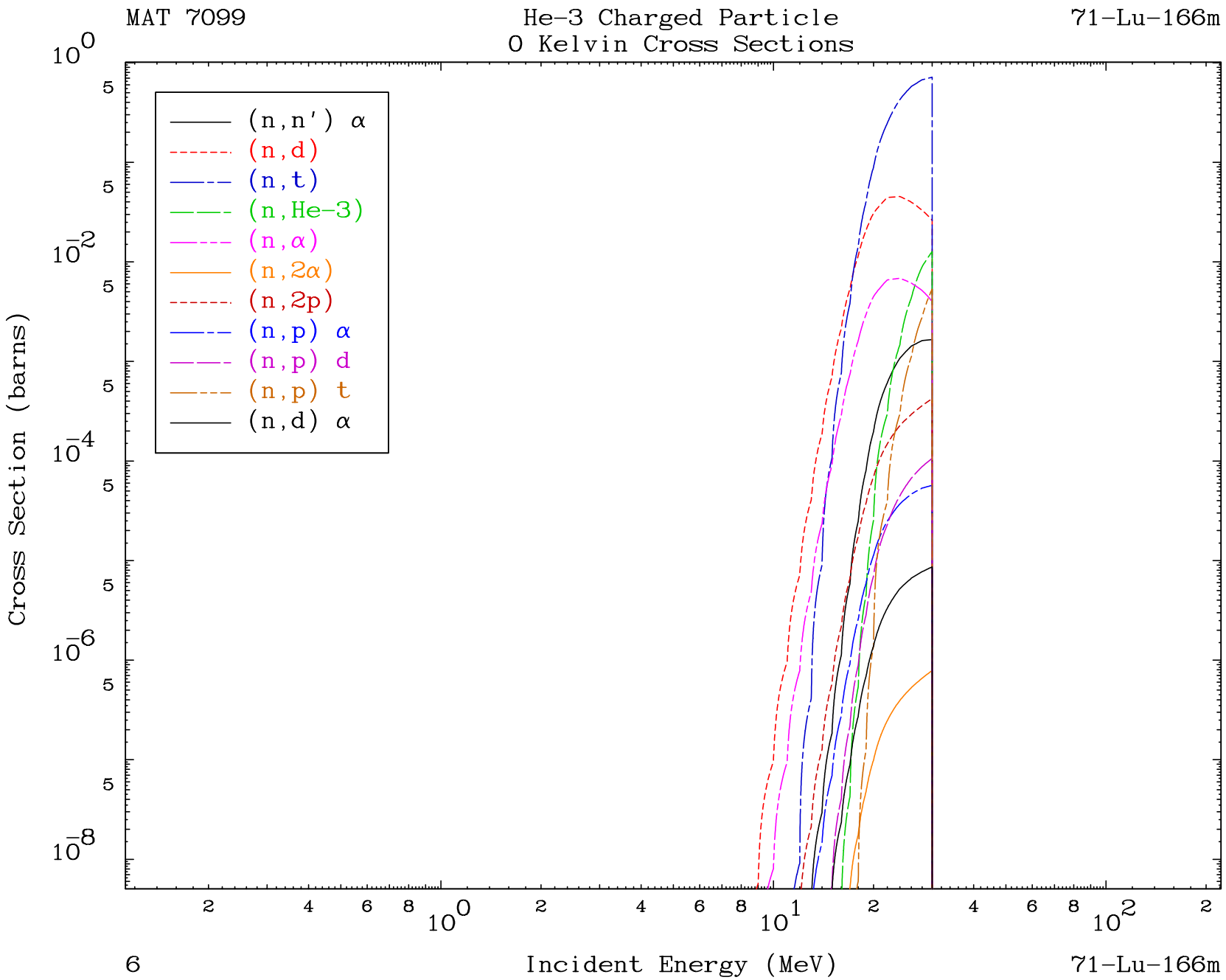

MAT 7099
He-3 Major
71-Lu-166m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
71-Lu-166m

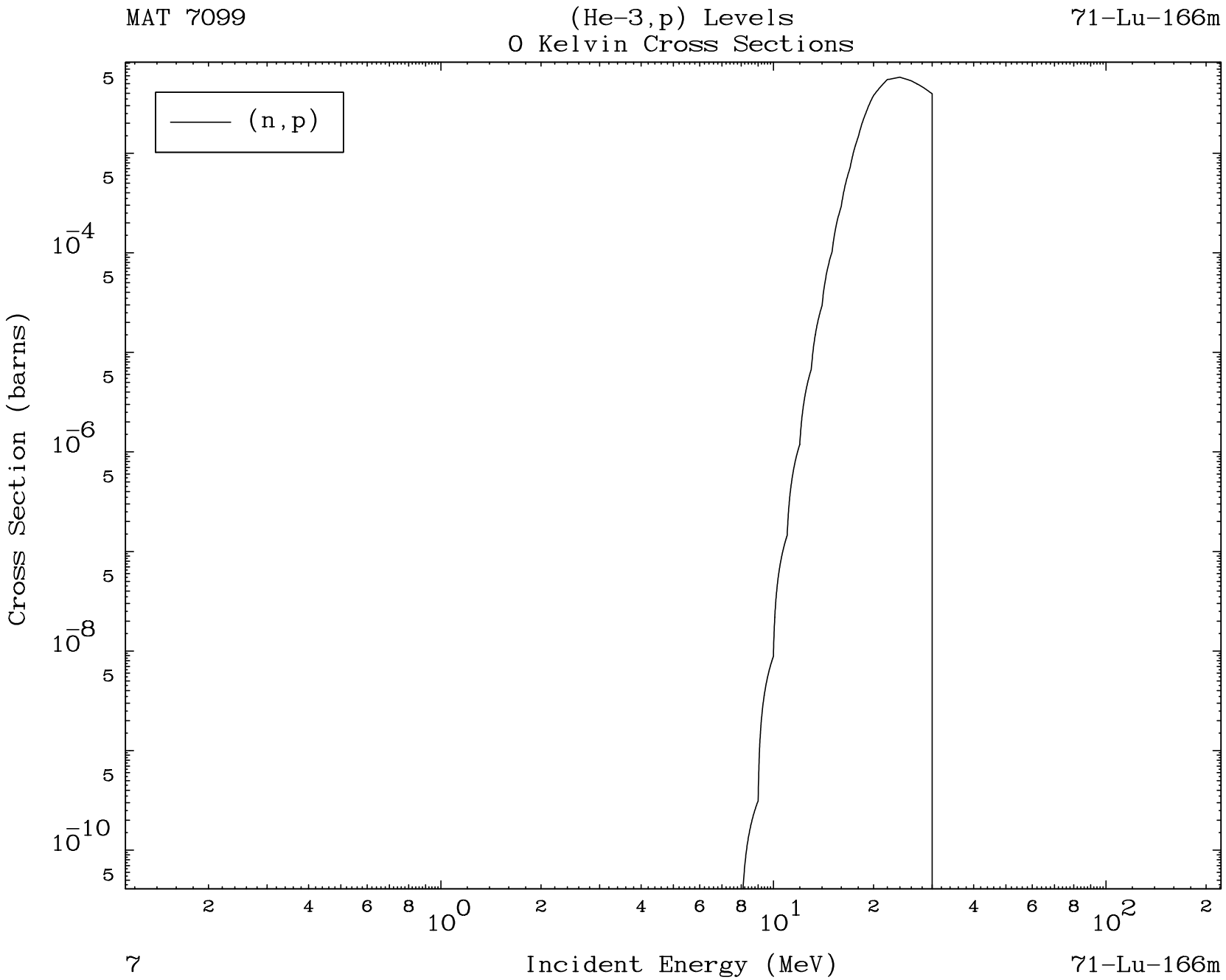

MAT 7099
He-3 Neutron Absorption
0 Kelvin Cross Sections
71-Lu-166m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
2
71-Lu-166m

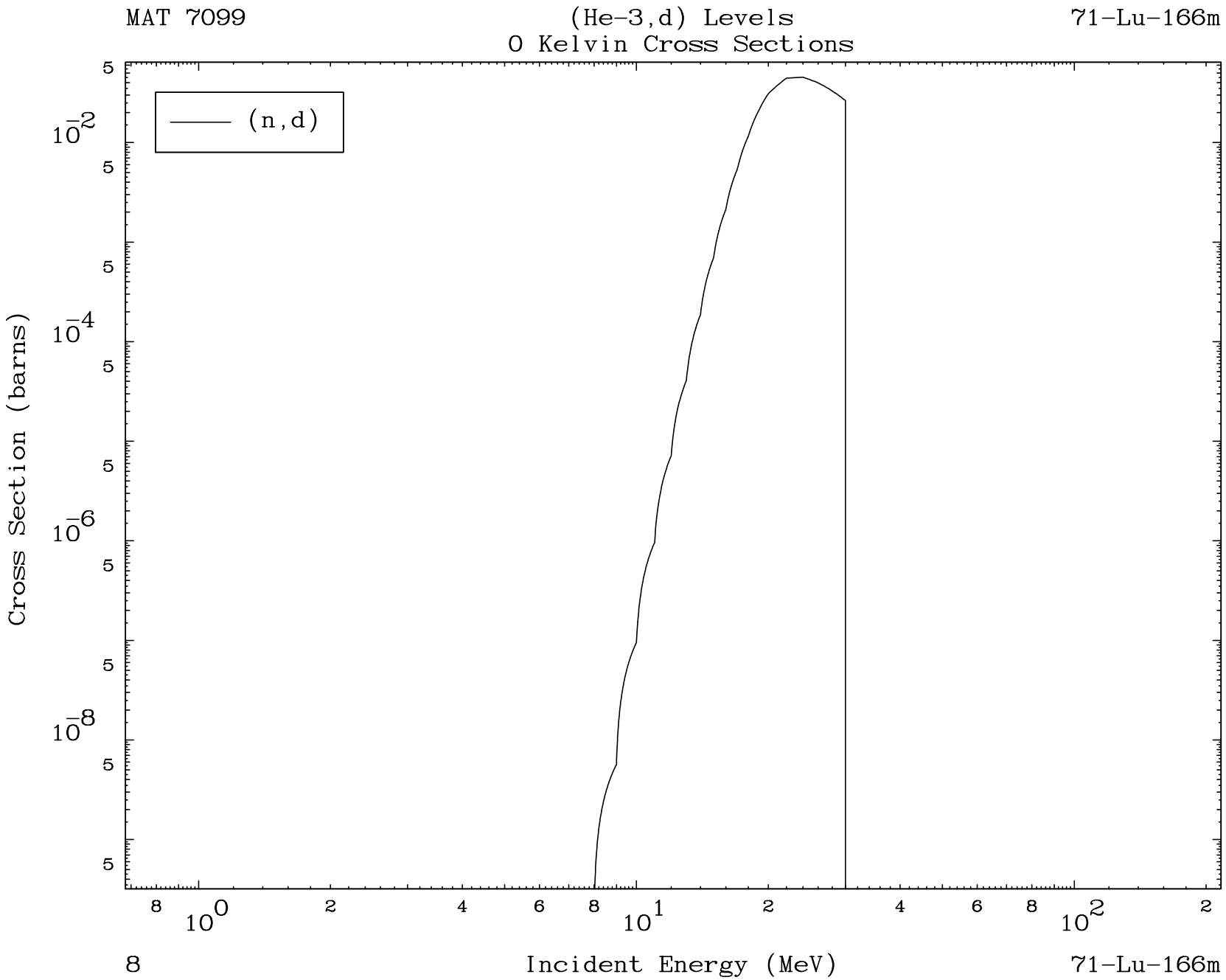

MAT 7099
He-3 Neutron Absorption
0 Kelvin Cross Sections
71-Lu-166m
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
71-Lu-166m

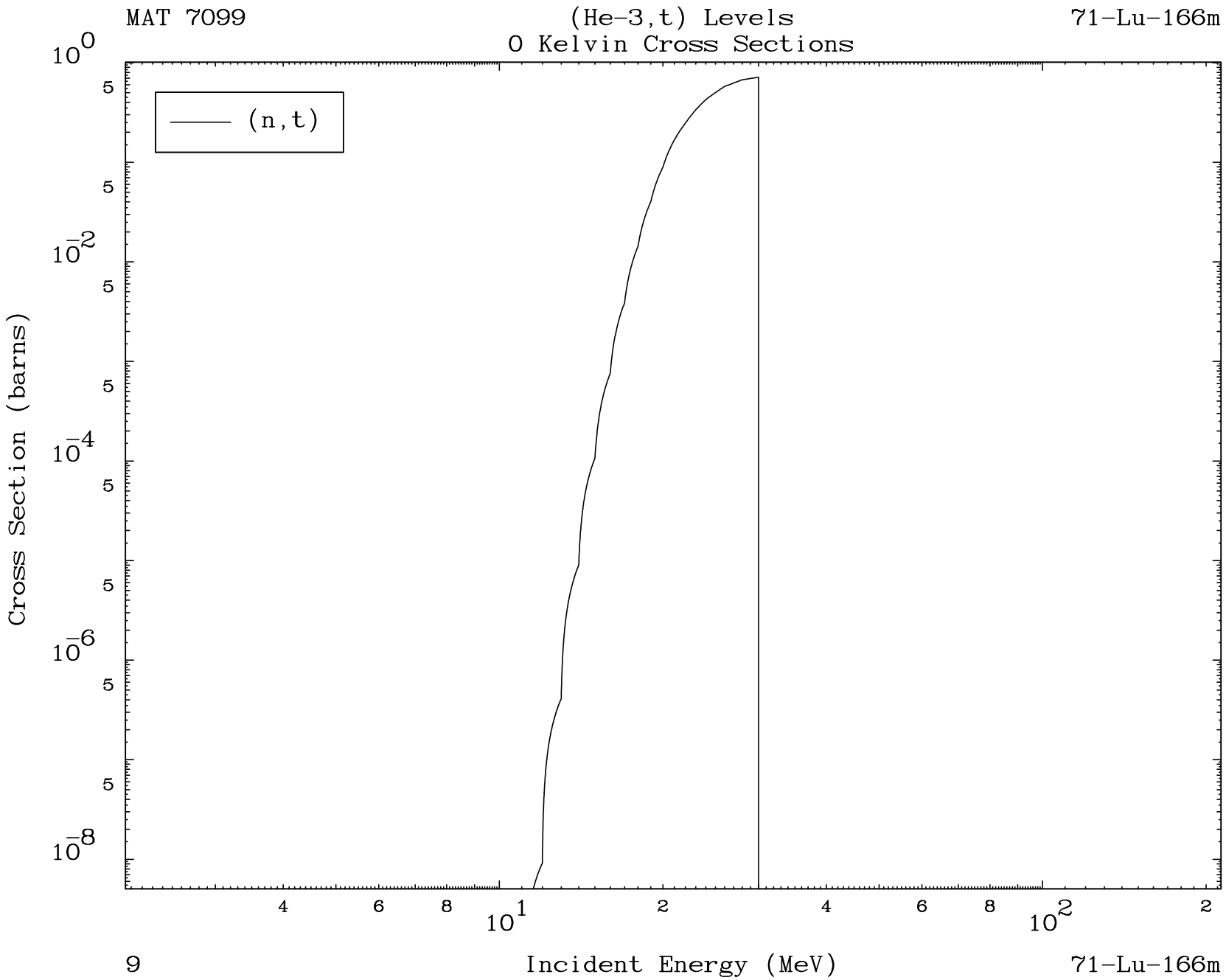

MAT 7099
He-3 Neutron Absorption
0 Kelvin Cross Sections
71-Lu-166m
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
71-Lu-166m

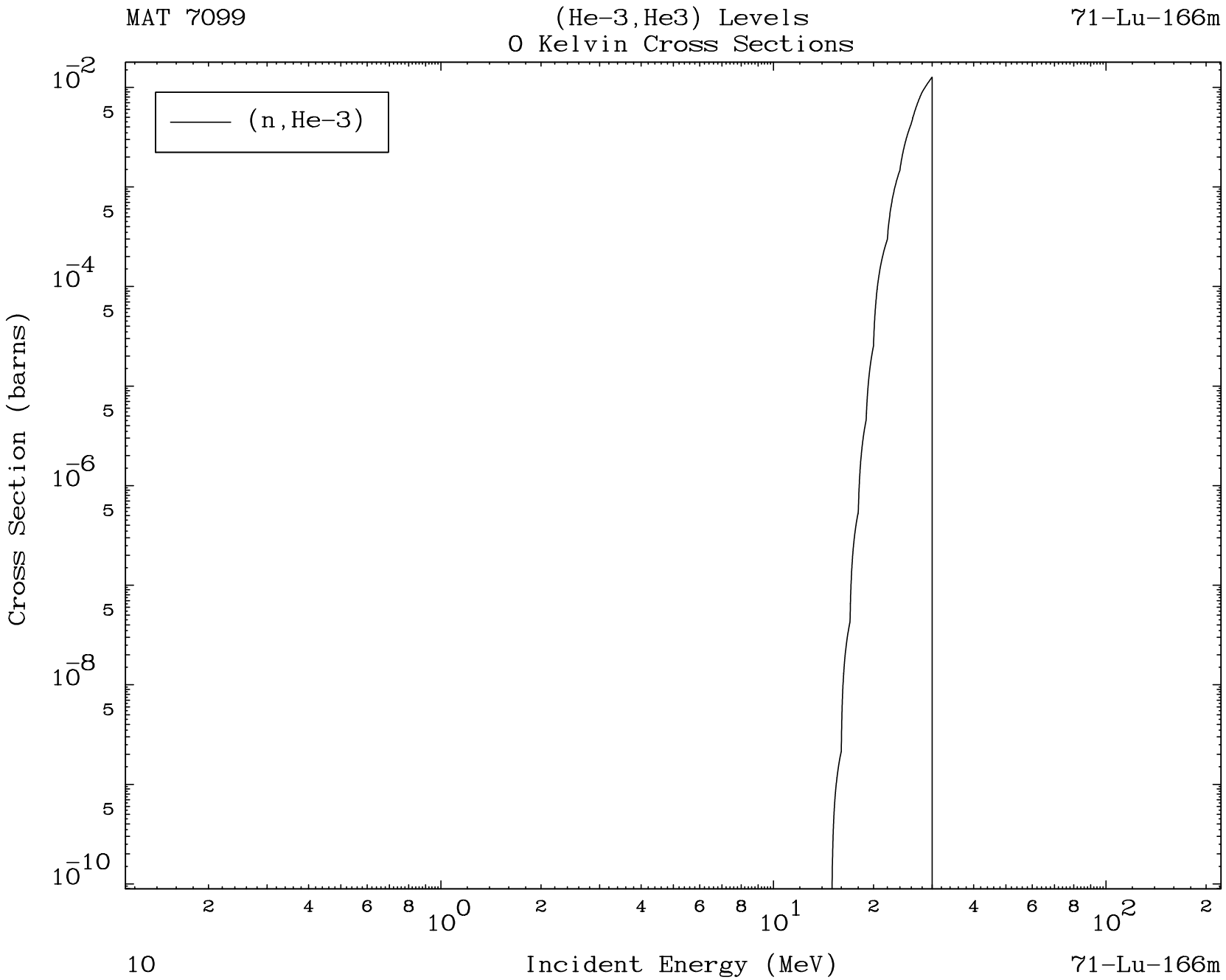

MAT 7099
He-3 Charged Particle
0 Kelvin Cross Sections
71-Lu-166m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
71-Lu-166m
5

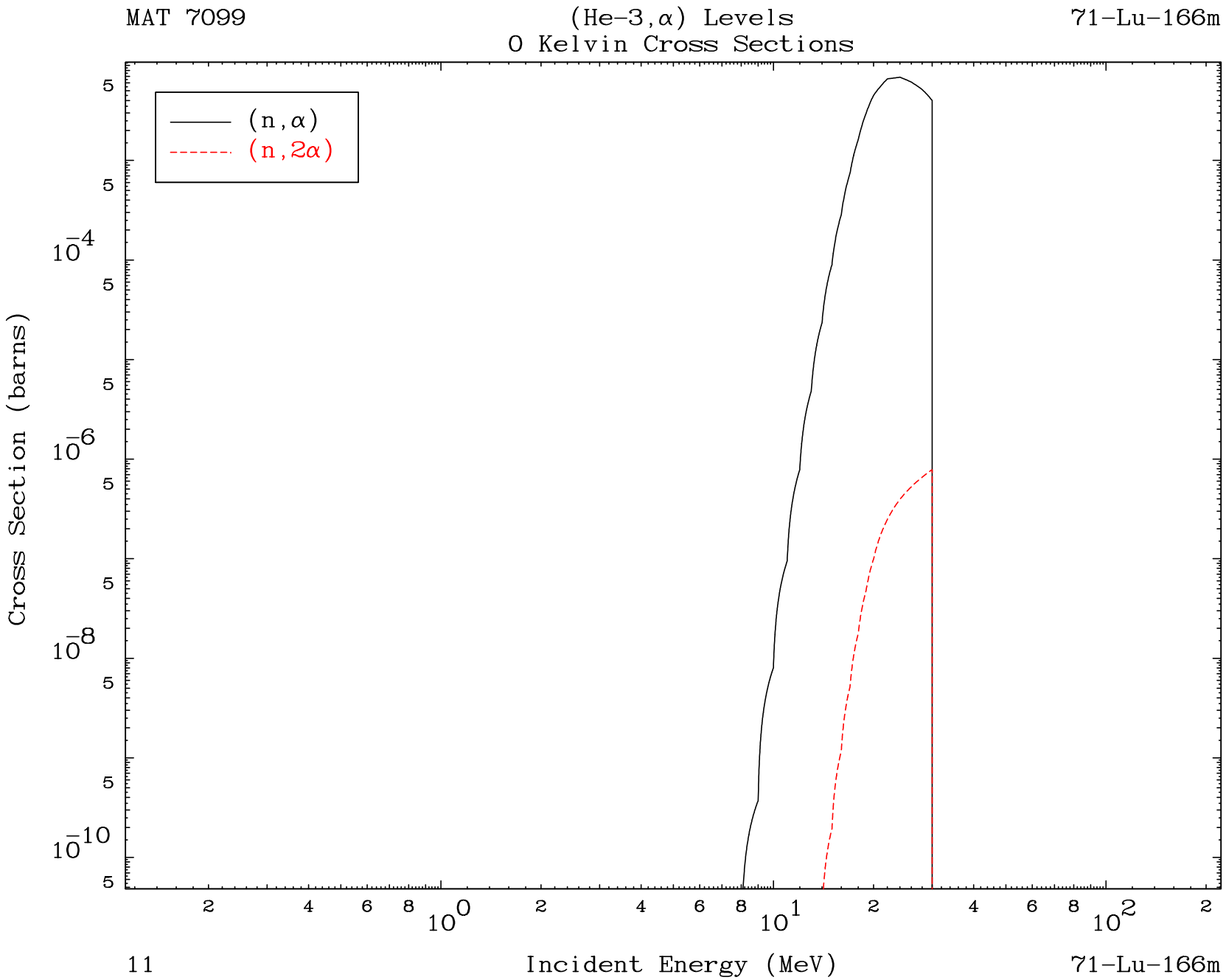

MAT 7099
He-3 Charged Particle
0 Kelvin Cross Sections
71-Lu-166m
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
6

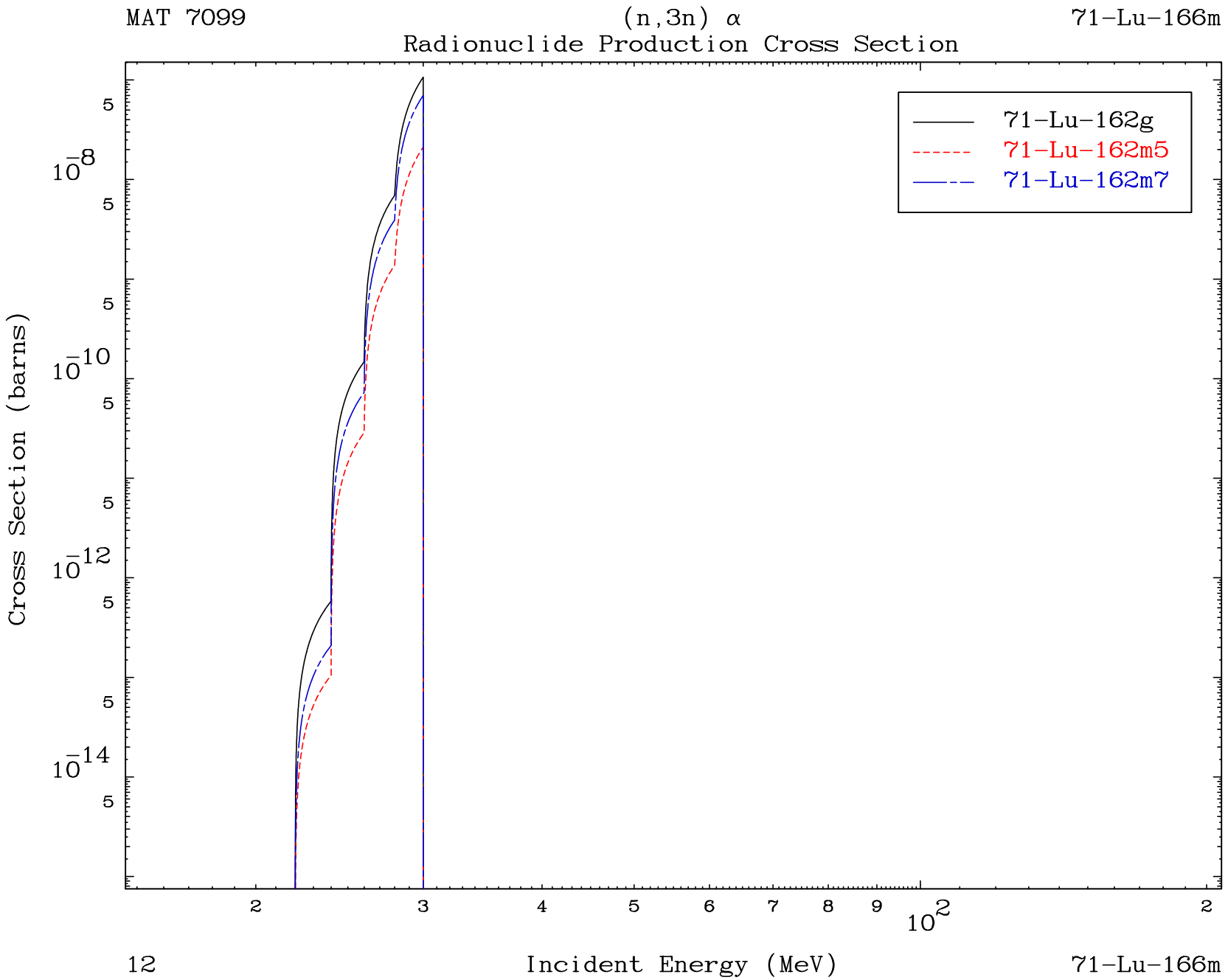

MAT 7099
(He-3,p) Levels
71-Lu-166m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
71-Lu-166m

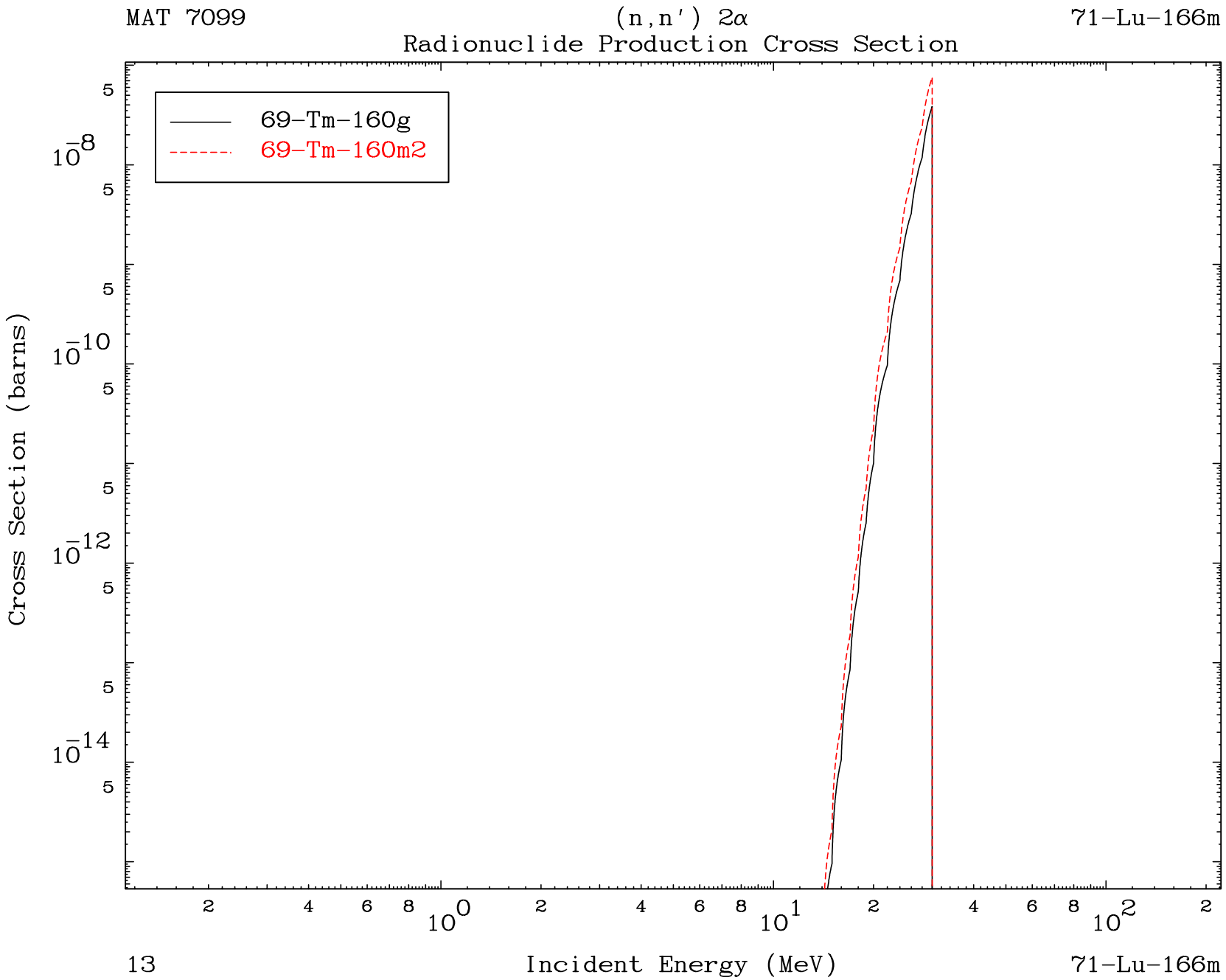

MAT 7099
(He-3,d) Levels
71-Lu-166m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
71-Lu-166m
8

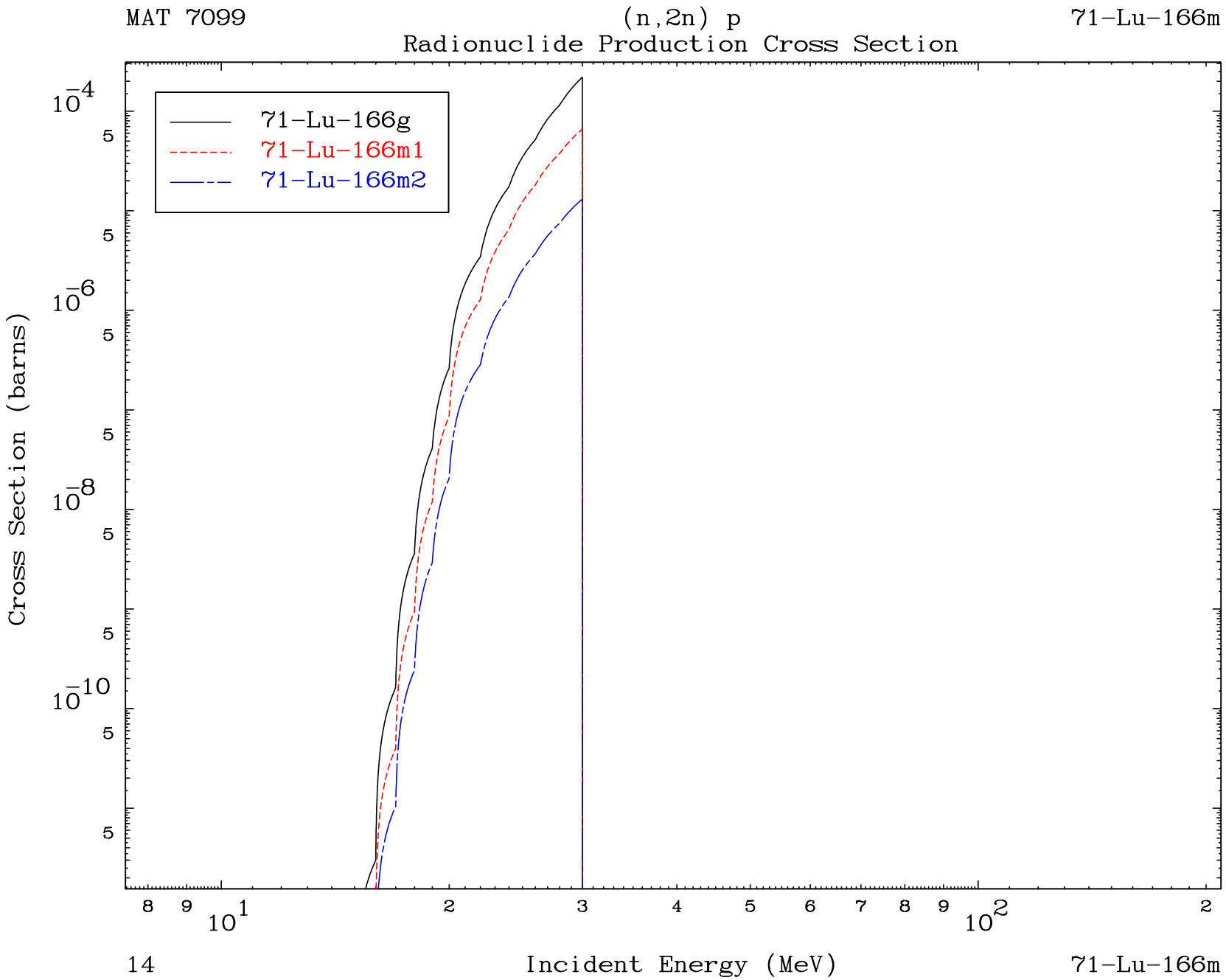

MAT 7099
(He-3,t) Levels
0 Kelvin Cross Sections
71-Lu-166m
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
71-Lu-166m

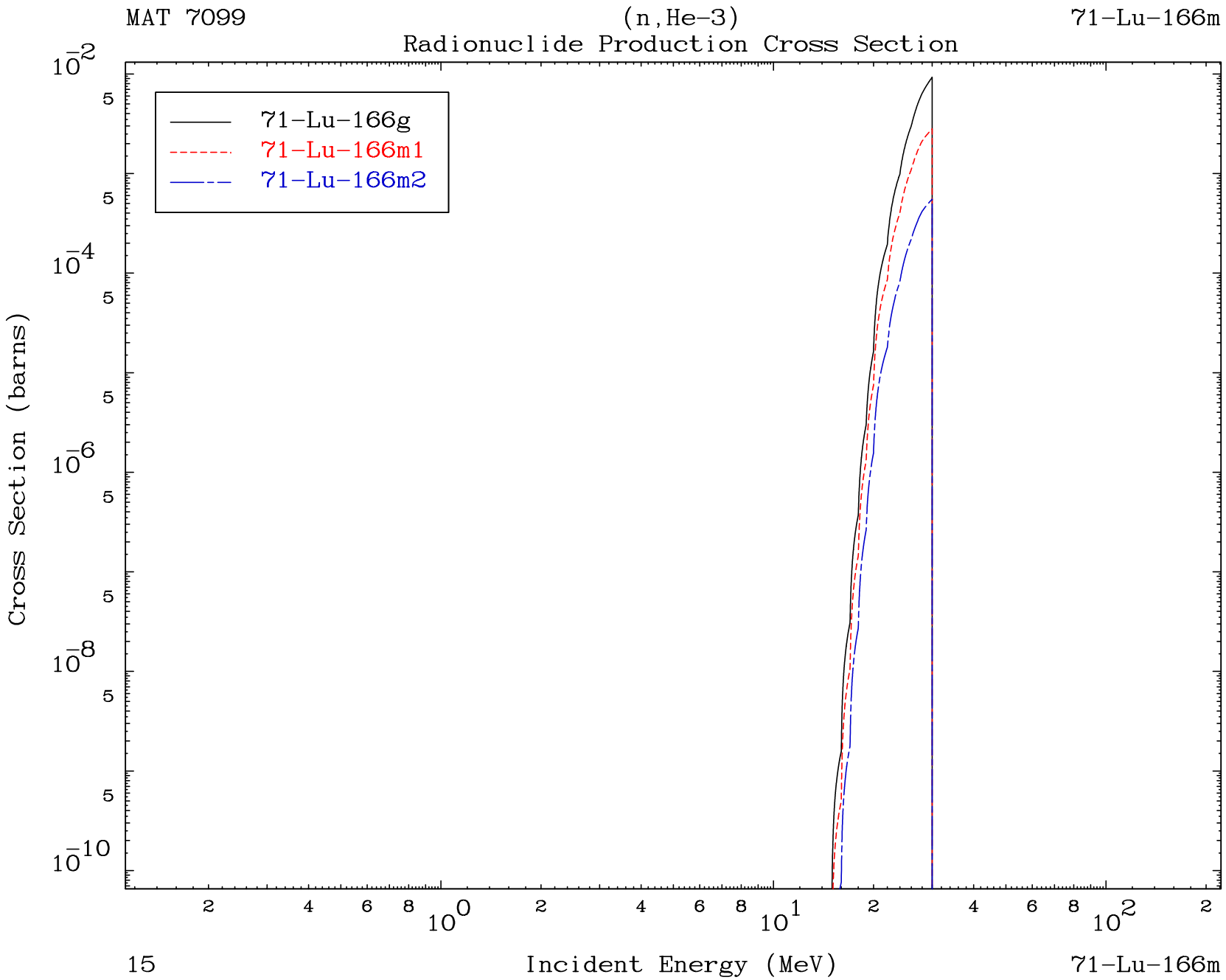

MAT 7099
(He-3,He3) Levels
71-Lu-166m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
71-Lu-166m

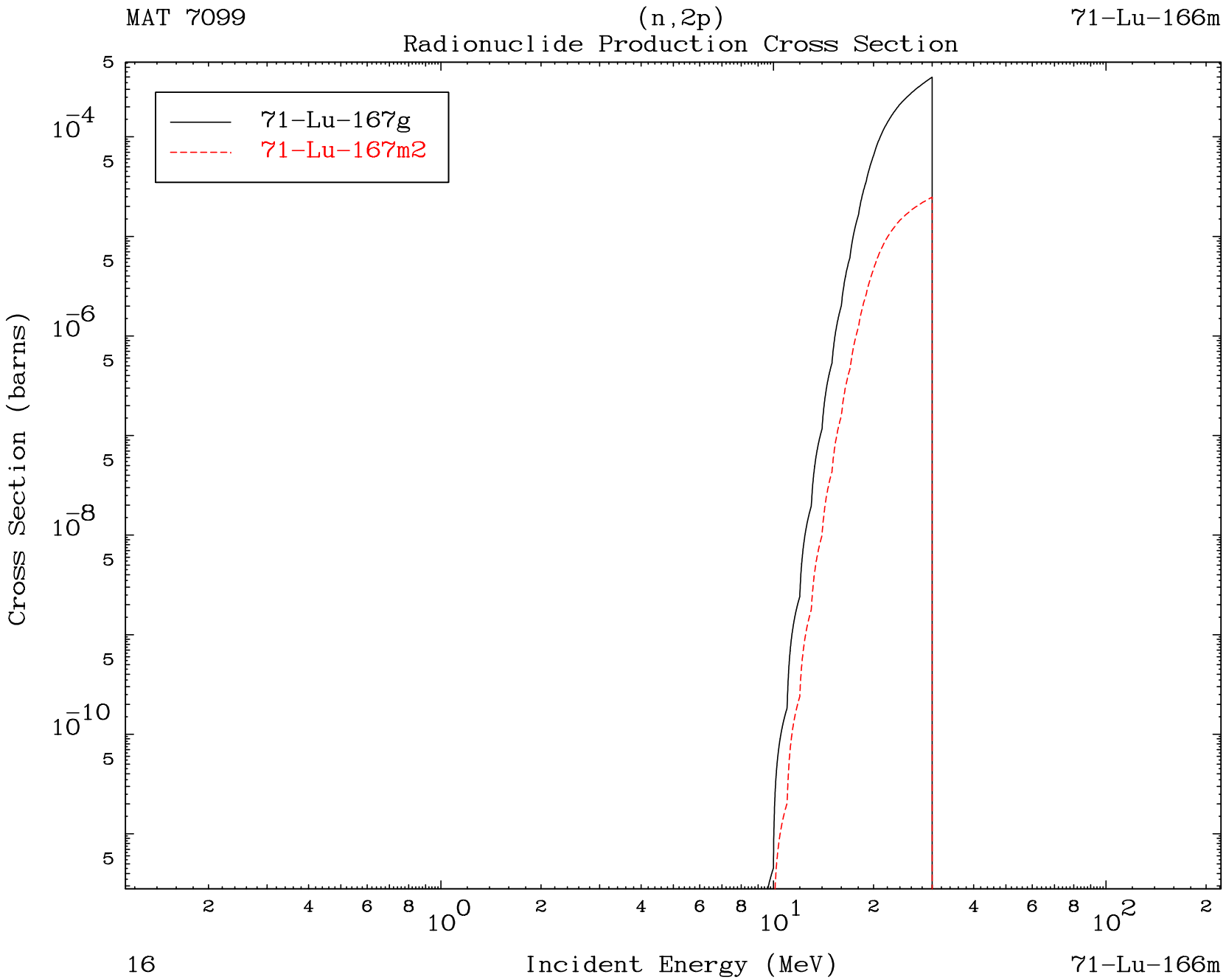

MAT 7099
(He-3,α) Levels
0 Kelvin Cross Sections
71-Lu-166m
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
71-Lu-166m

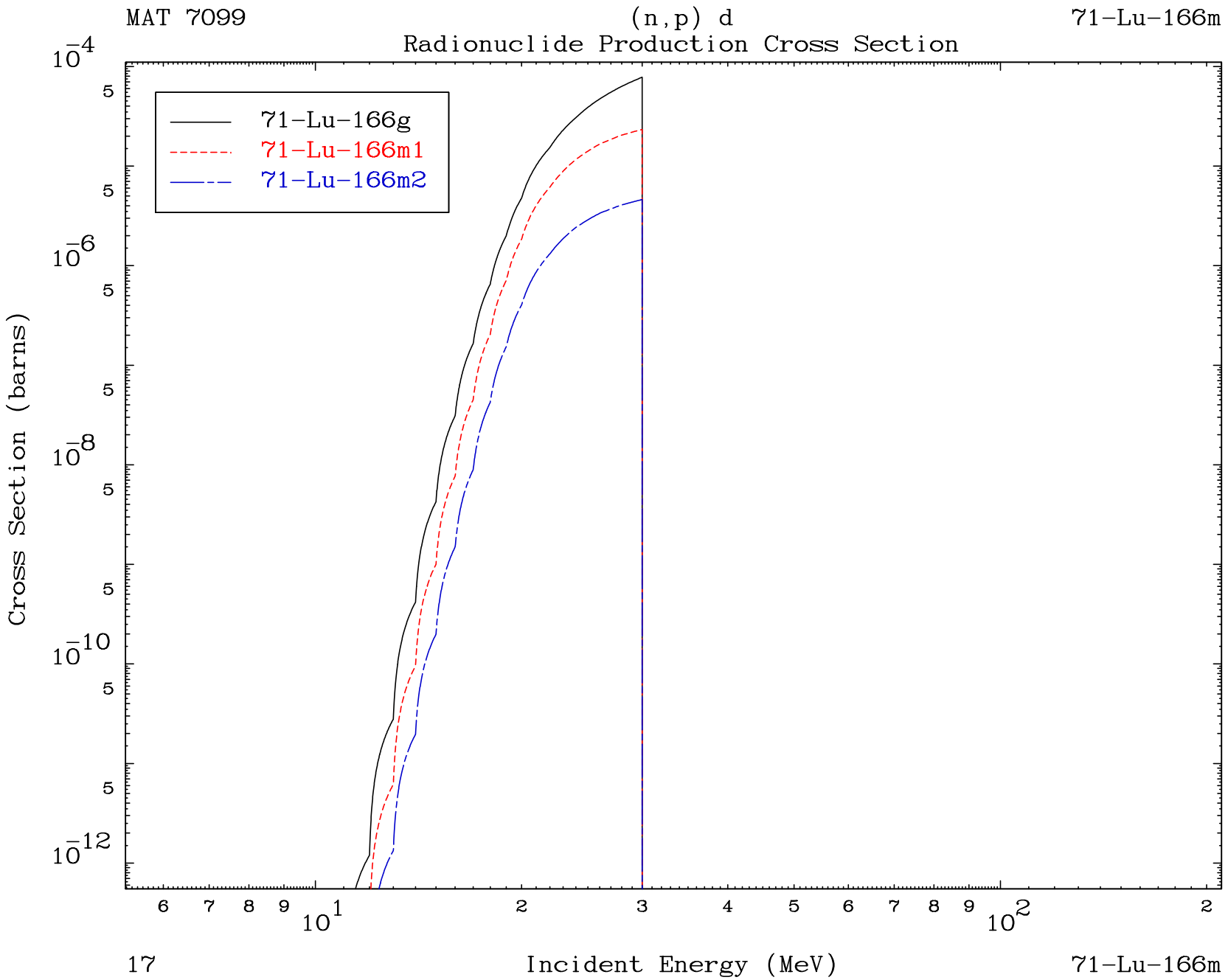

MAT 7099
(n,3n) α
71-Lu-166m
Radionuclide Production Cross Section
71-Lu-162g
71-Lu-162m5
71-Lu-162m7
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
12
Incident Energy (MeV)
71-Lu-166m


MAT 7099
(n,n') 2α
71-Lu-166m
Radionuclide Production Cross Section
69-Tm-160g
69-Tm-160m2
Cross Section (barns)
Incident Energy (MeV)
13
71-Lu-166m


MAT 7099
(n,2n) p
71-Lu-166m
Radionuclide Production Cross Section
71-Lu-166g
71-Lu-166m1
71-Lu-166m2
Cross Section (barns)
Incident Energy (MeV)
14
71-Lu-166m


MAT 7099
(n,He-3)
71-Lu-166m
Radionuclide Production Cross Section
71-Lu-166g
71-Lu-166m1
71-Lu-166m2
Cross Section (barns)
Incident Energy (MeV)
15
71-Lu-166m


MAT 7099
(n,2p)
71-Lu-166m
Radionuclide Production Cross Section
71-Lu-167g
71-Lu-167m2
Cross Section (barns)
Incident Energy (MeV)
16
71-Lu-166m


MAT 7099
(n,p) d
71-Lu-166m
Radionuclide Production Cross Section
71-Lu-166g
71-Lu-166m1
71-Lu-166m2
Cross Section (barns)
Incident Energy (MeV)
17
71-Lu-166m