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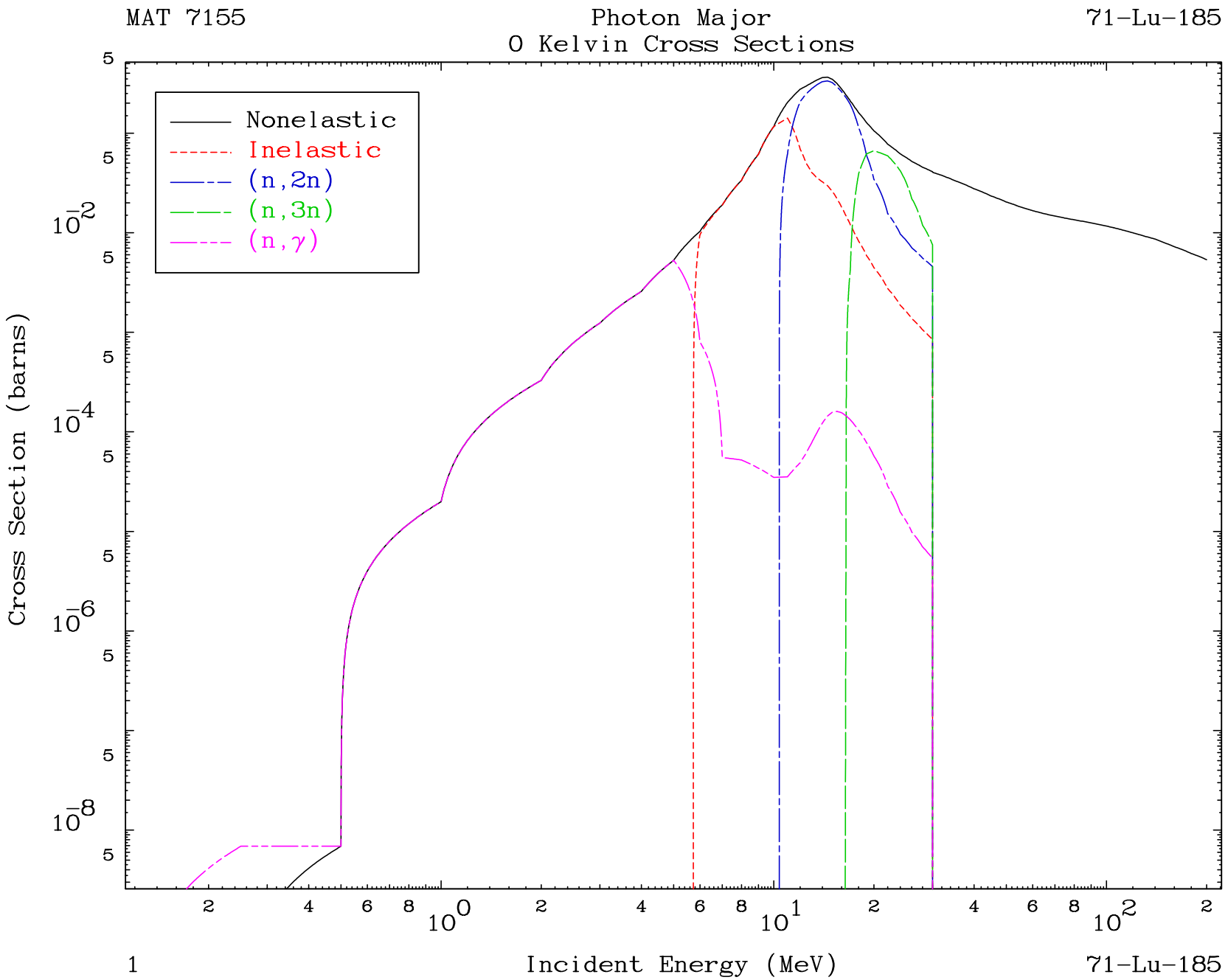
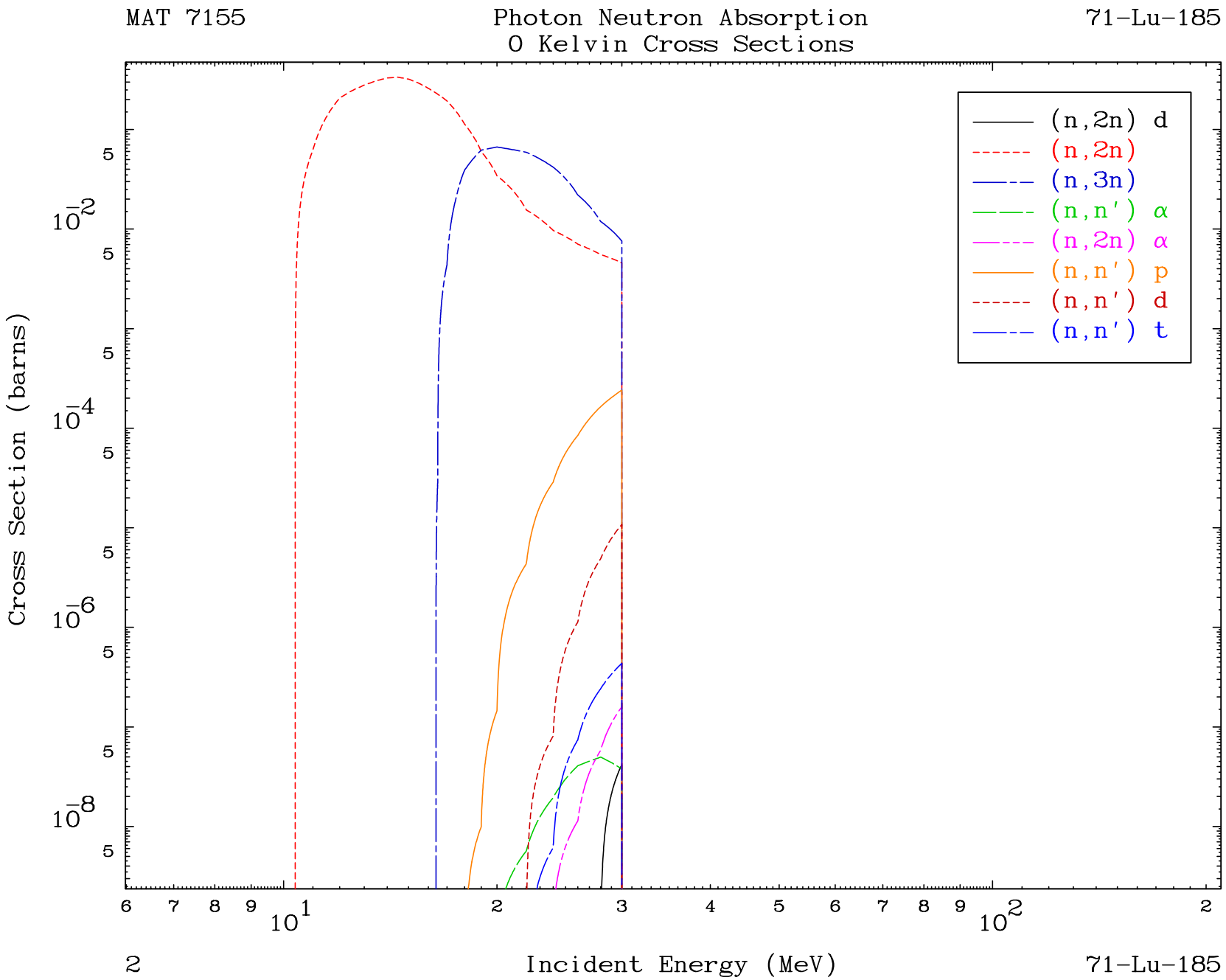
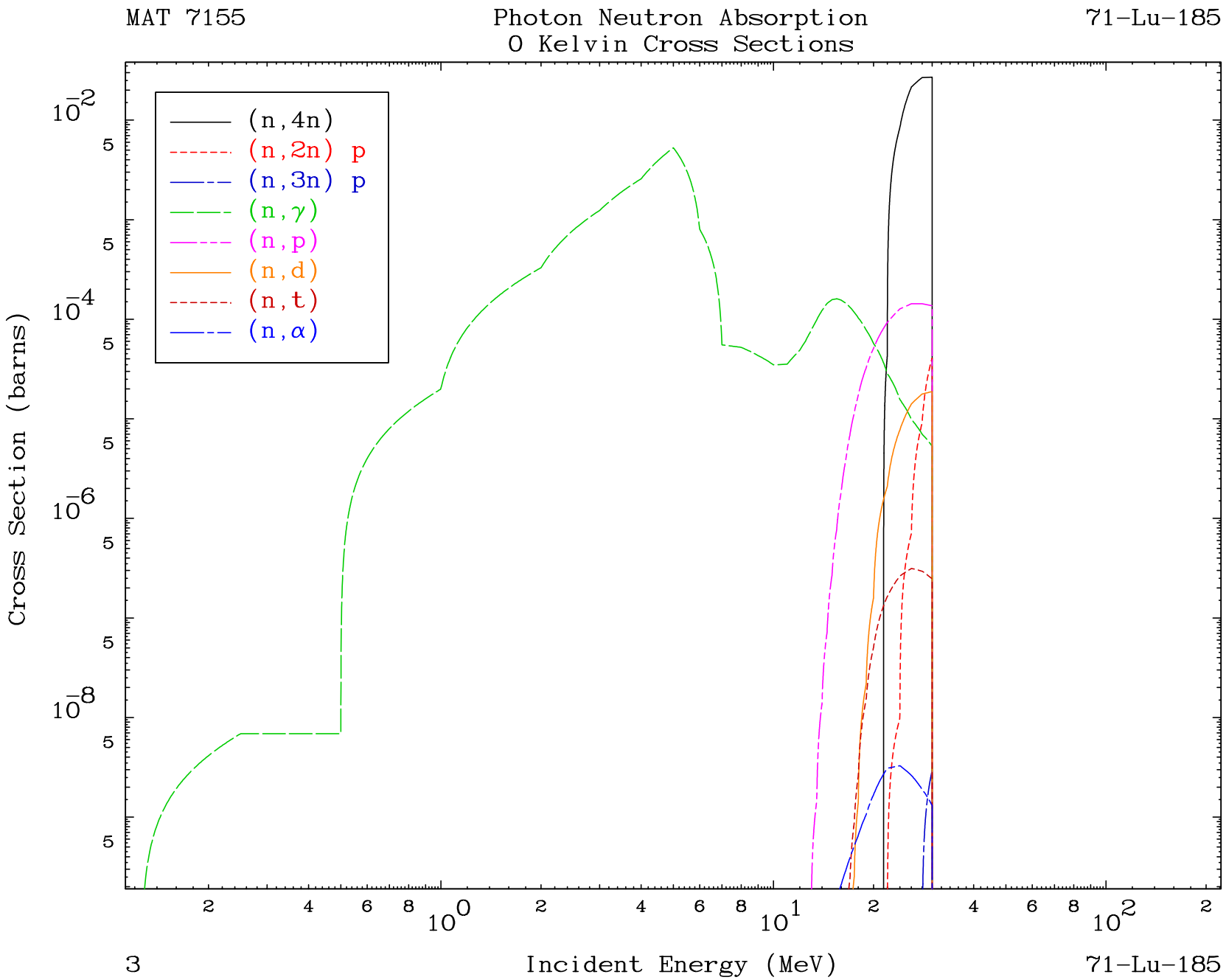
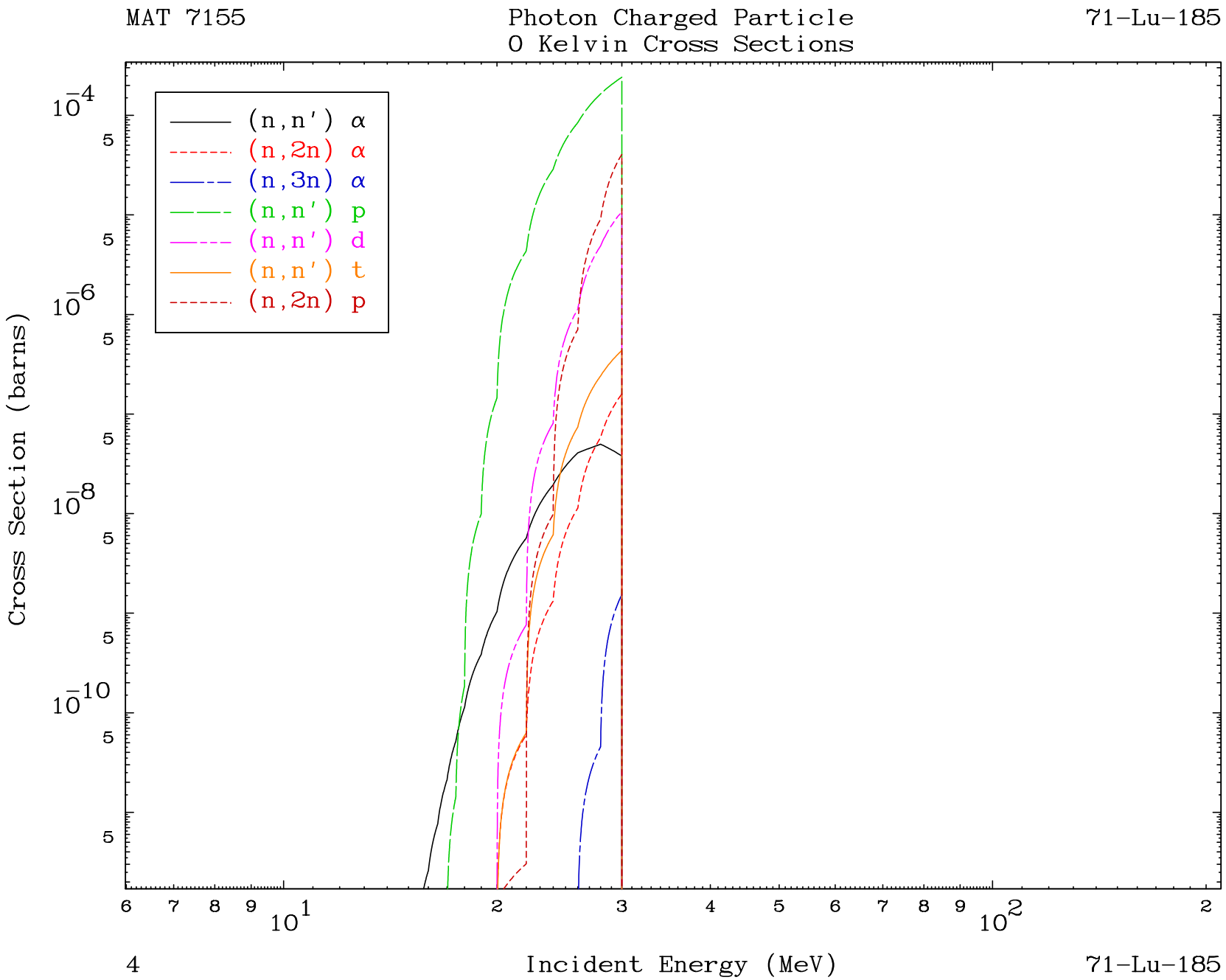
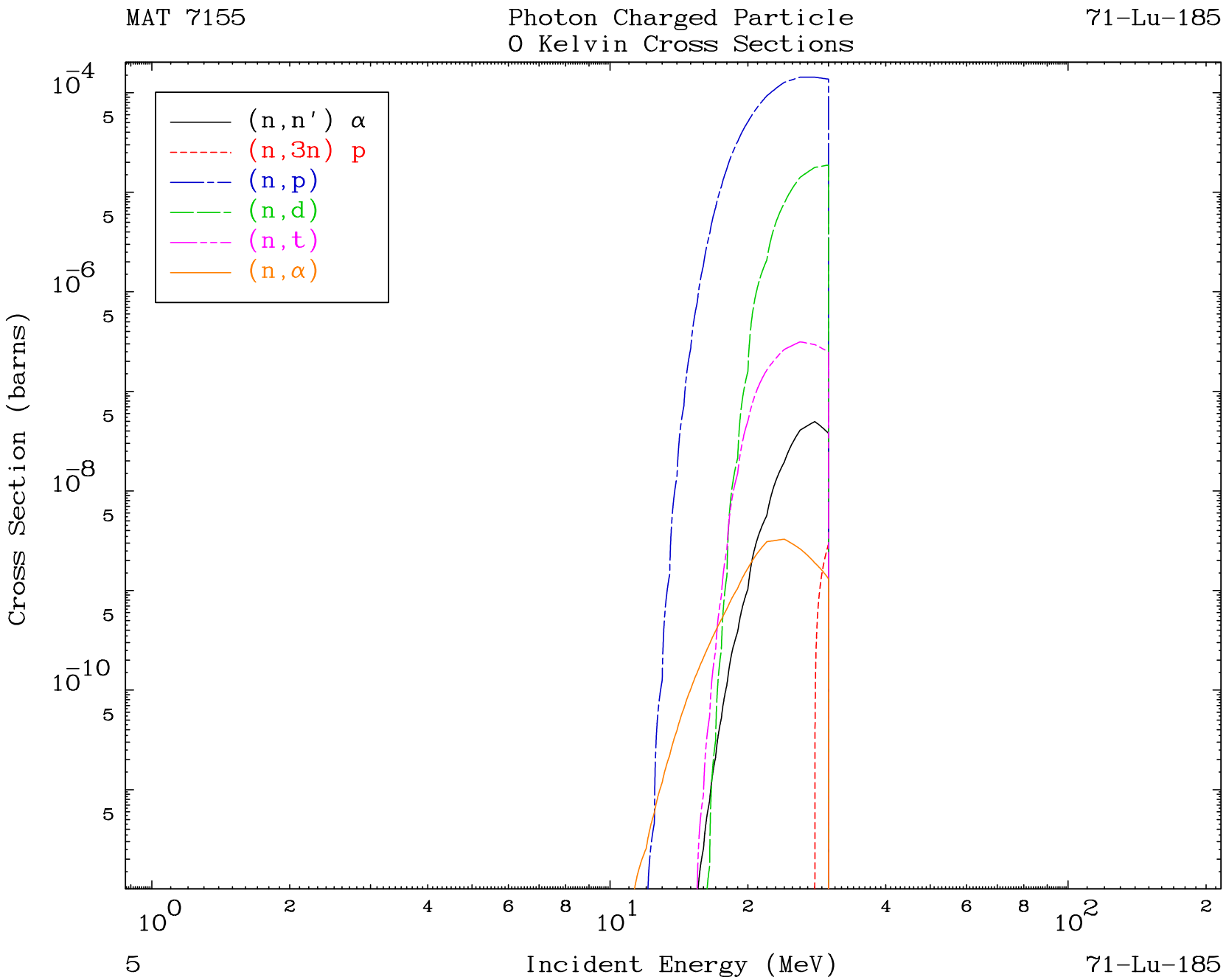
Press Mouse Button to Start

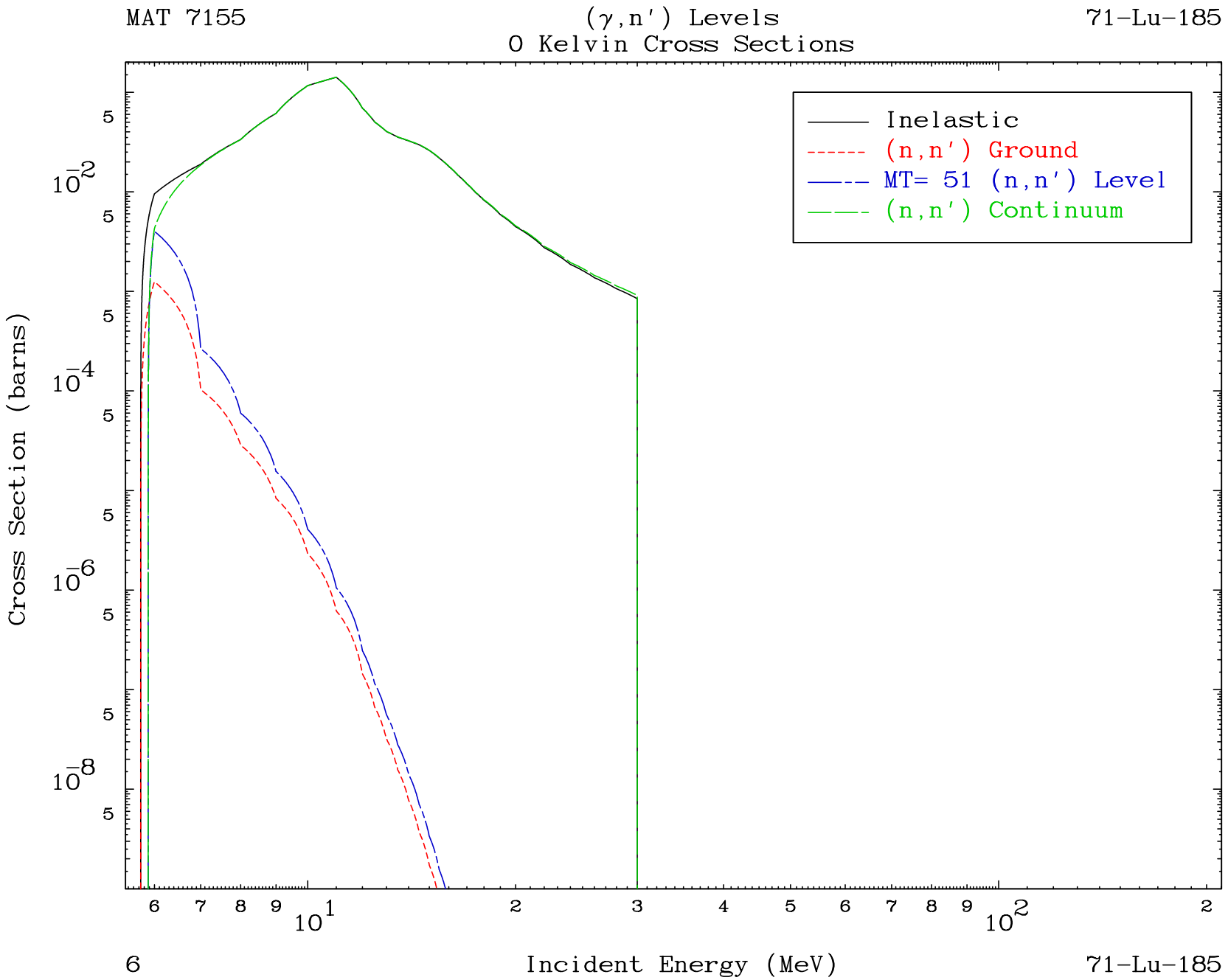

MAT 7155
Photon Major
71-Lu-185
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
71-Lu-185

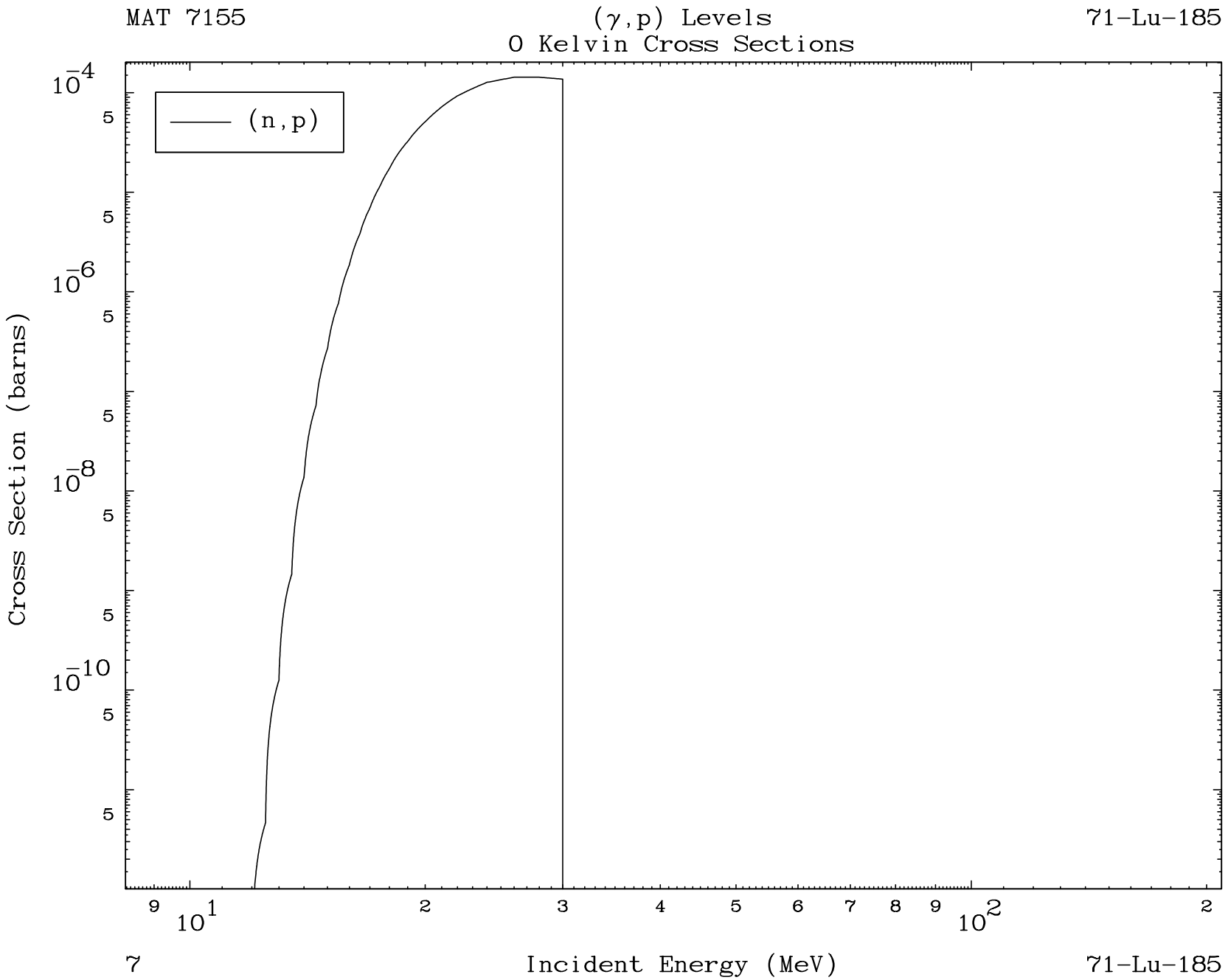

MAT 7155
Photon Neutron Absorption
0 Kelvin Cross Sections
71-Lu-185
Cross Section (barns)
Incident Energy (MeV)
71-Lu-185
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t

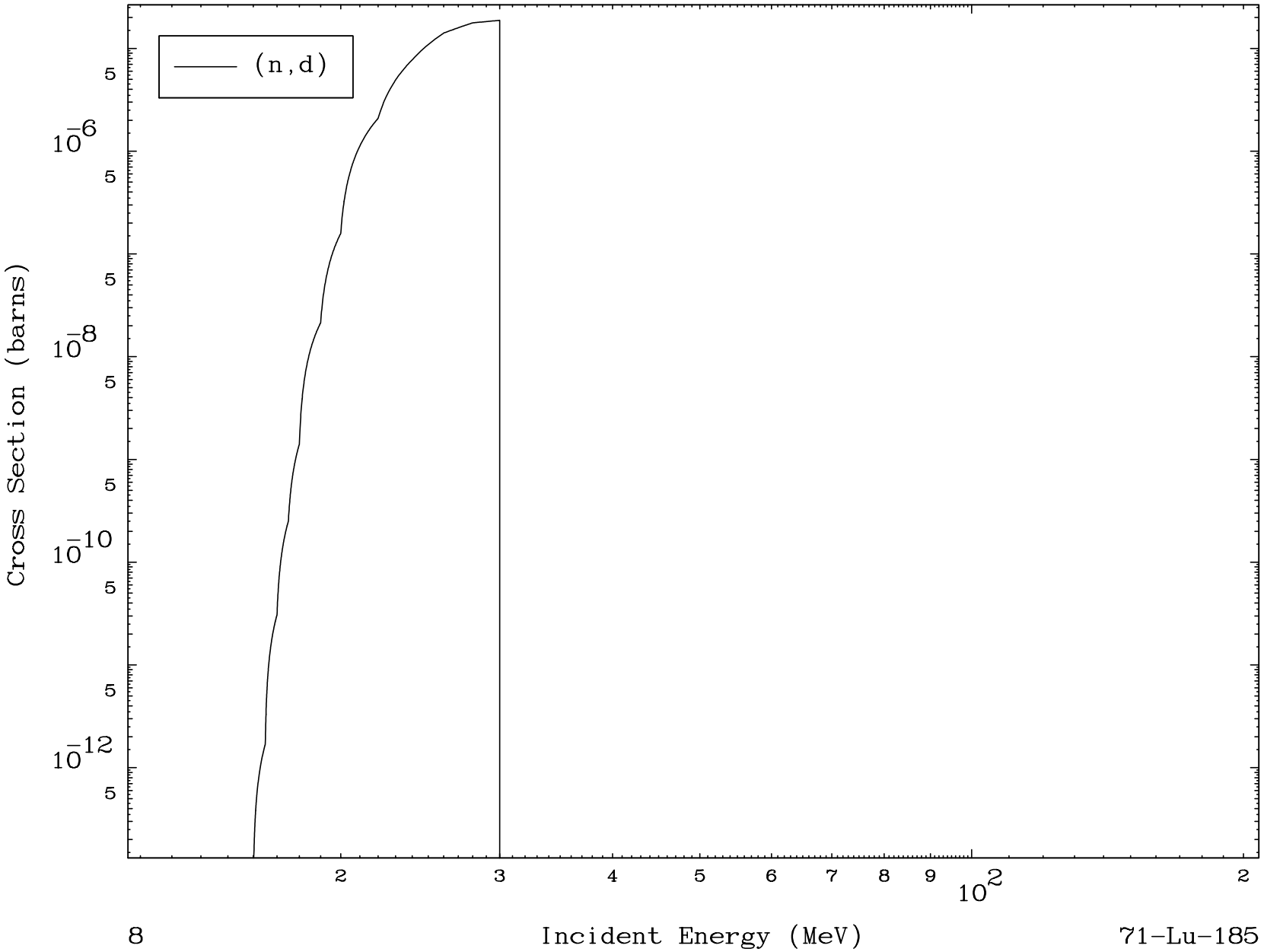

MAT 7155
Photon Neutron Absorption
0 Kelvin Cross Sections
71-Lu-185
(n,4n)
(n,2n) p
(n,3n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
71-Lu-185

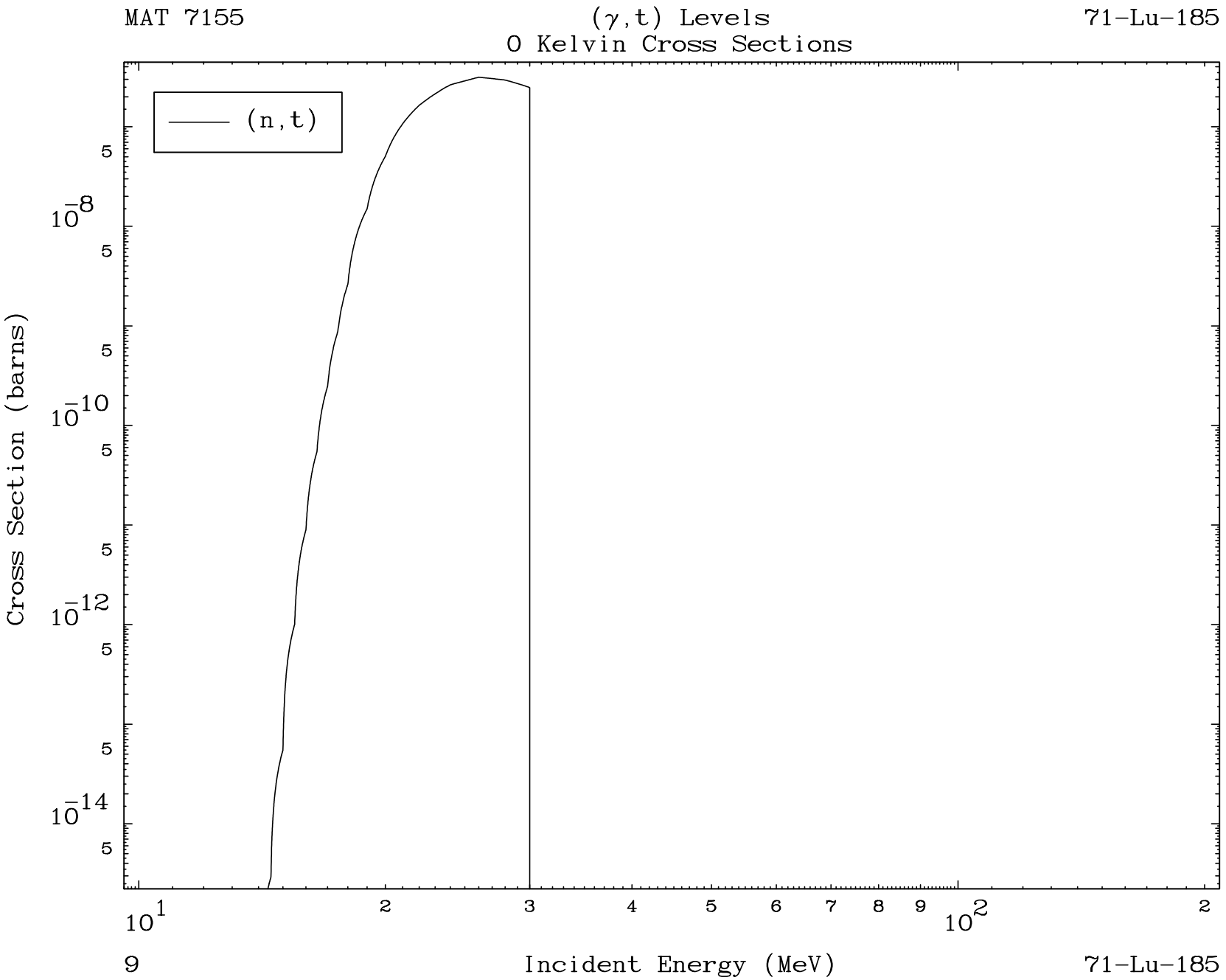

MAT 7155
Photon Charged Particle
0 Kelvin Cross Sections
71-Lu-185
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
4
71-Lu-185

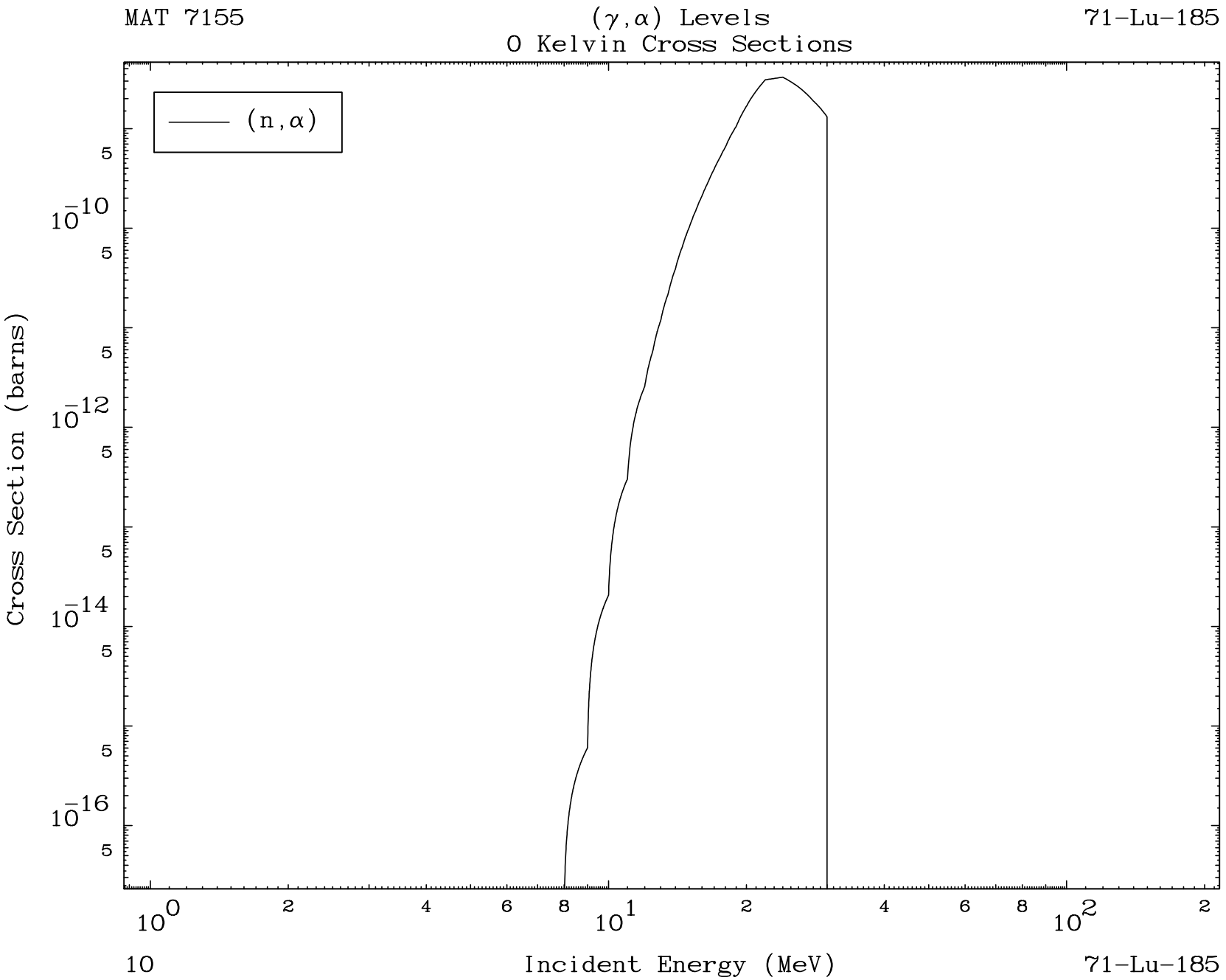

MAT 7155
Photon Charged Particle
0 Kelvin Cross Sections
71-Lu-185
(n,n') α
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
71-Lu-185

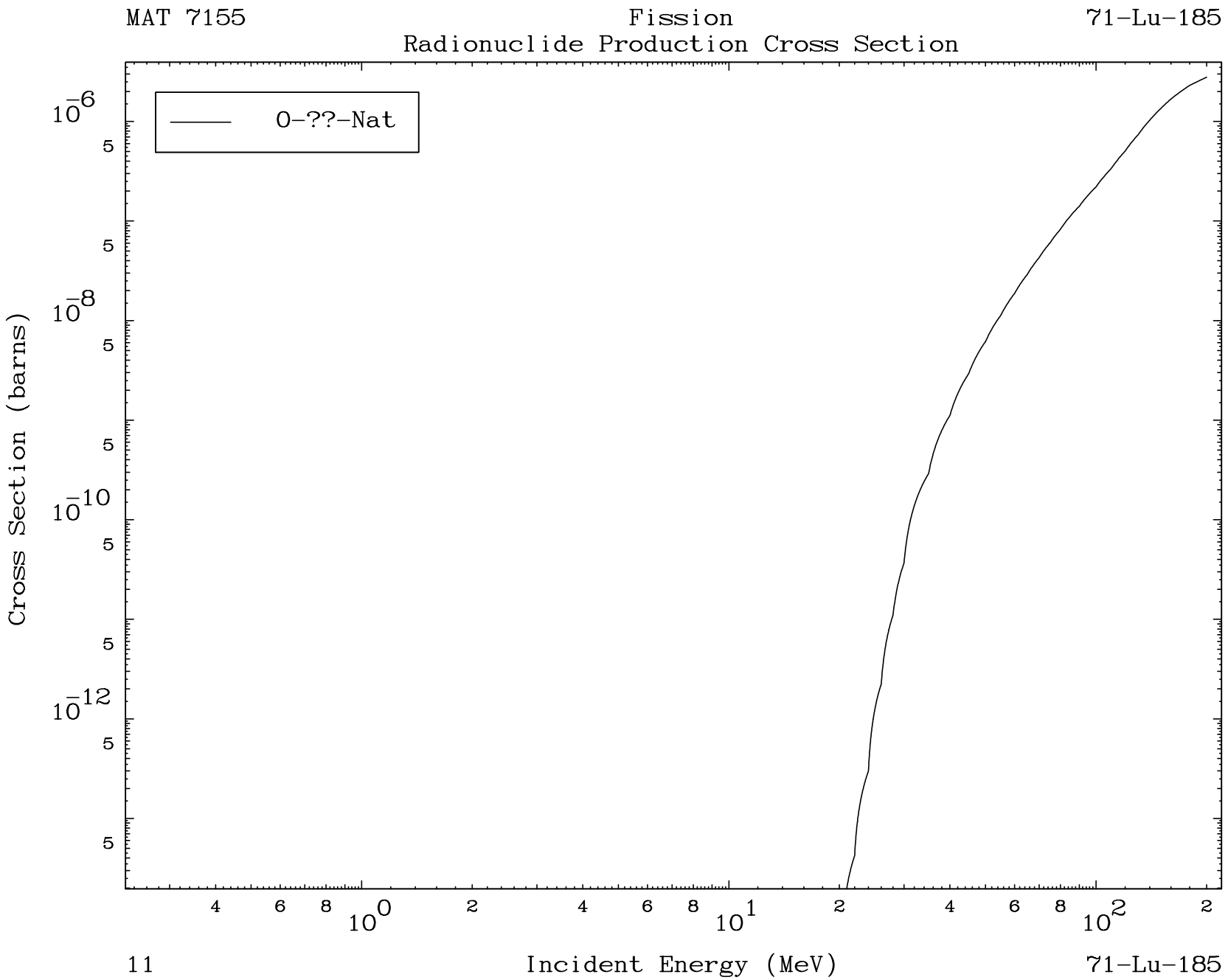

MAT 7155
(γ,n') Levels
0 Kelvin Cross Sections
71-Lu-185
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
6
71-Lu-185


MAT 7155
(γ,p) Levels
71-Lu-185
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
7
71-Lu-185


0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


MAT 7155
(γ,t) Levels
71-Lu-185
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-8
10-10
10-12
10-14
5
101
2
3
4
5
6
7
8
9
102
2
Incident Energy (MeV)
9
71-Lu-185


MAT 7155
(γ,α) Levels
71-Lu-185
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10
Incident Energy (MeV)
71-Lu-185


MAT 7155
Fission
71-Lu-185
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
10^0
10^1
10^2
2
4
6
8
11
Incident Energy (MeV)
71-Lu-185