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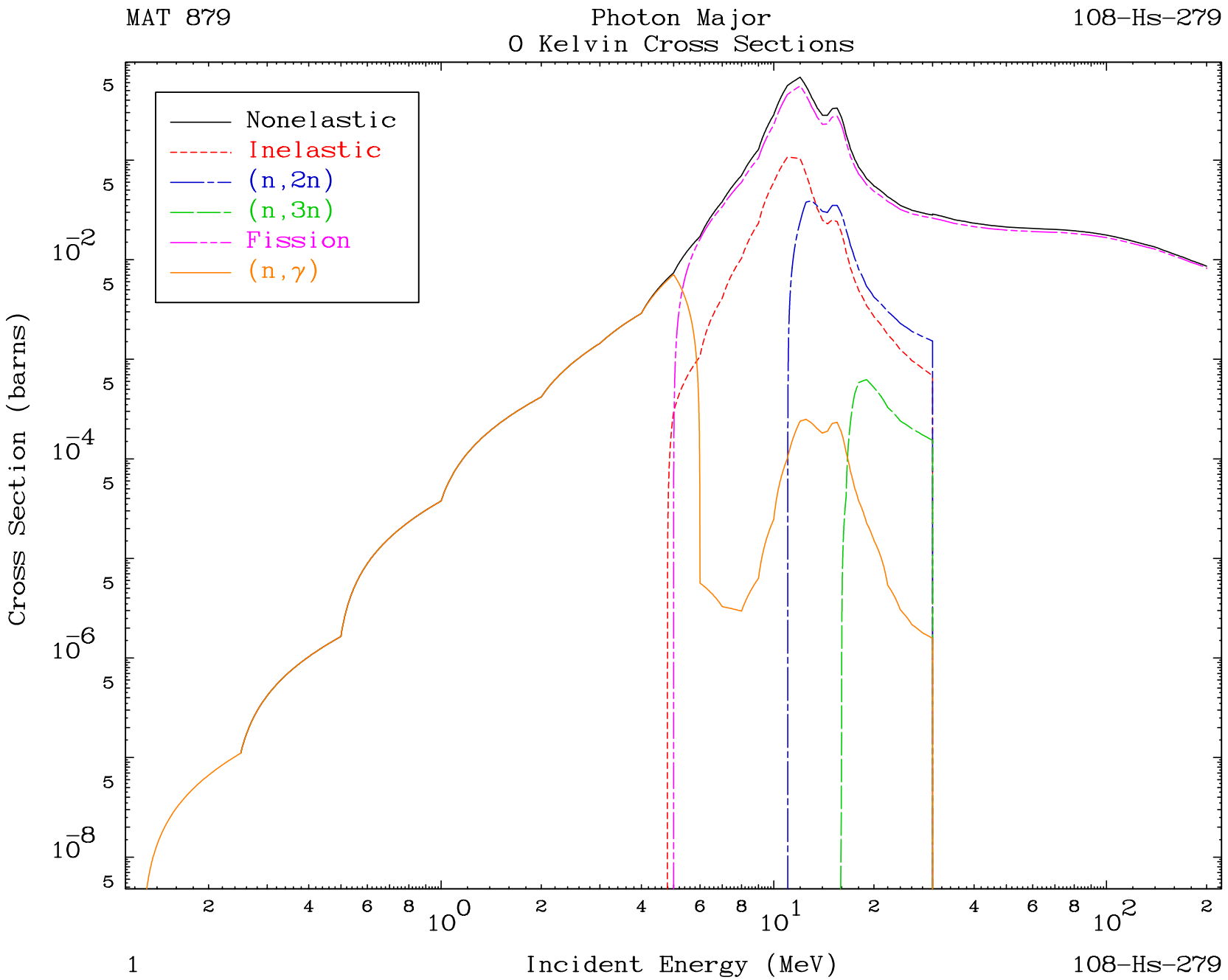
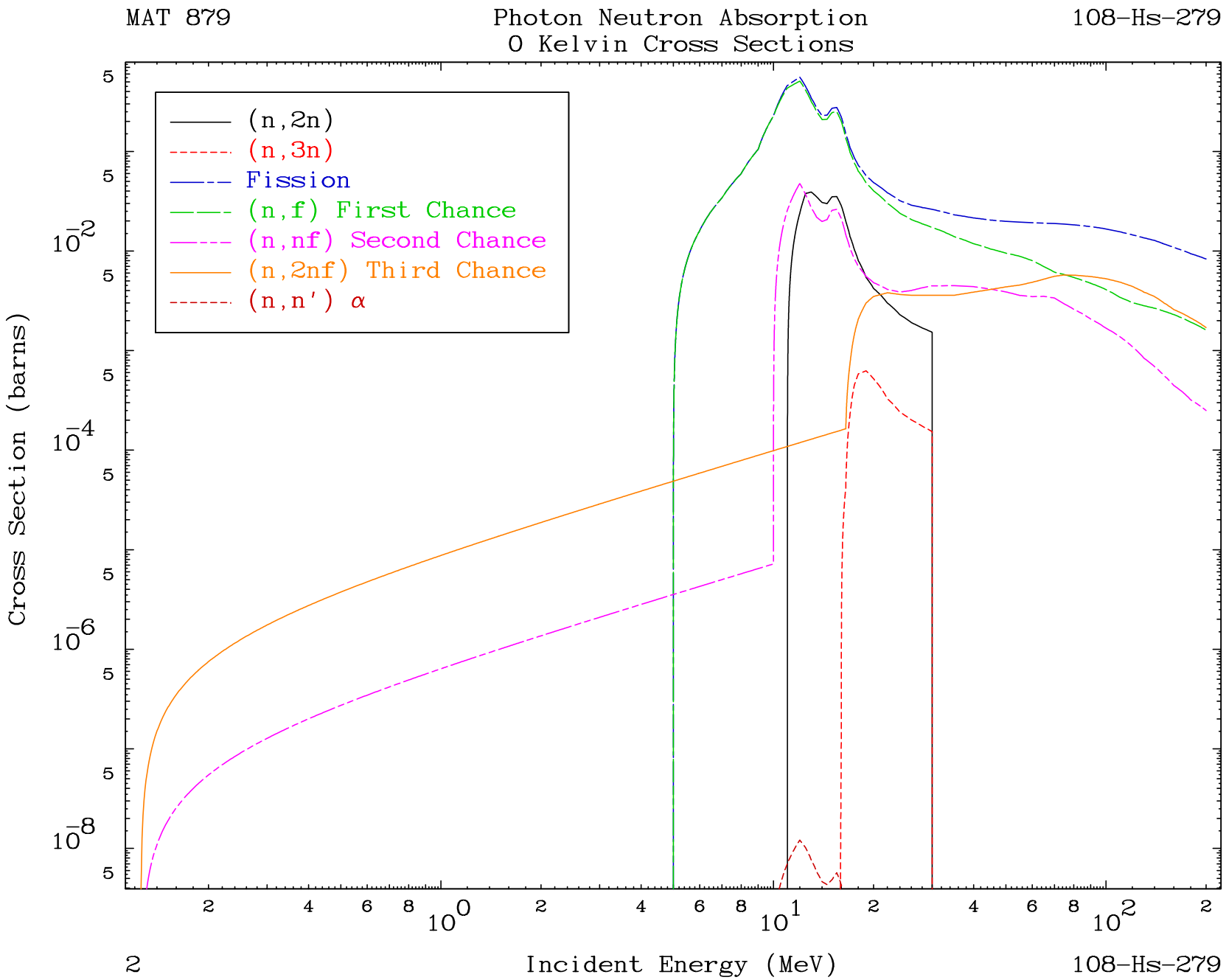
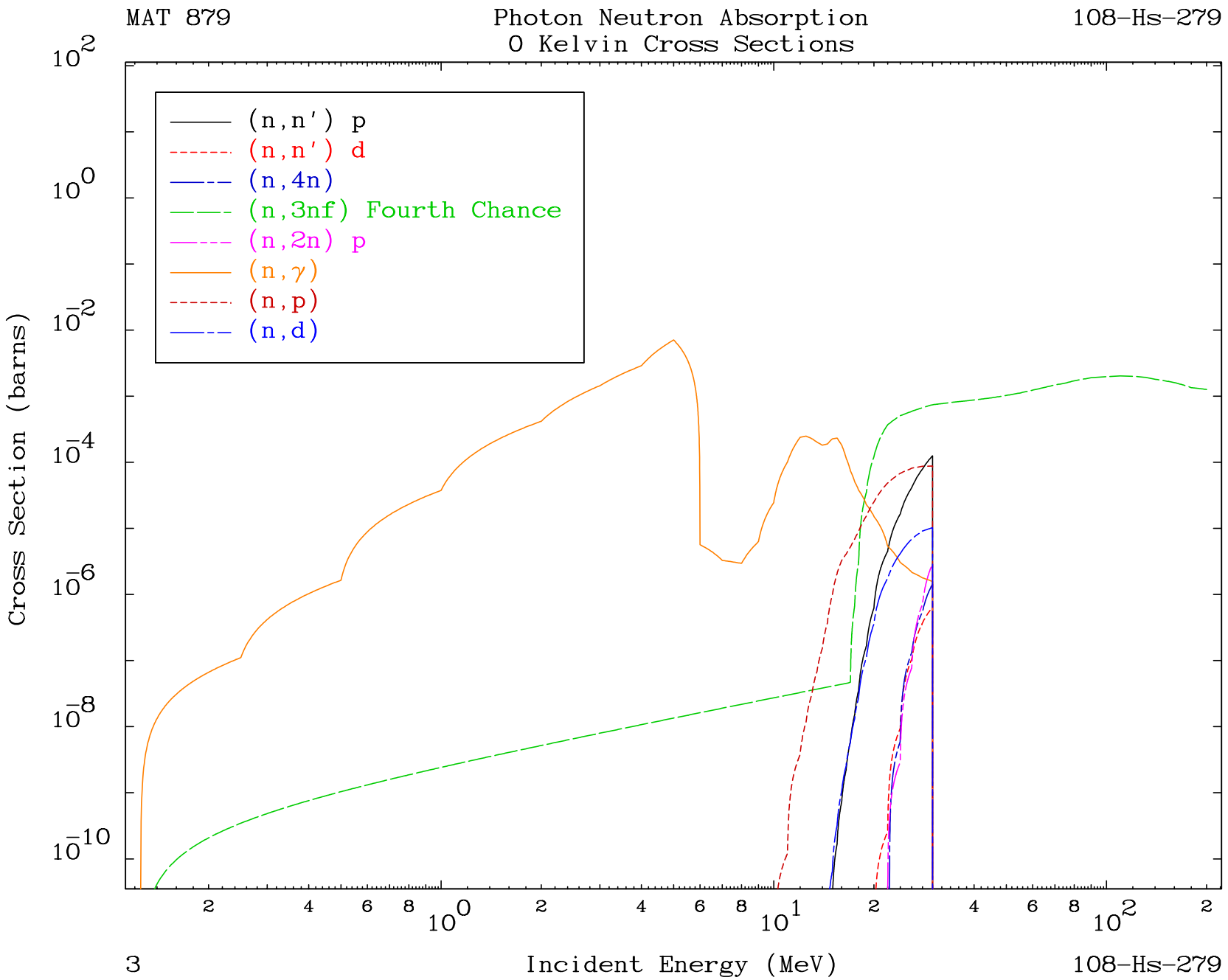
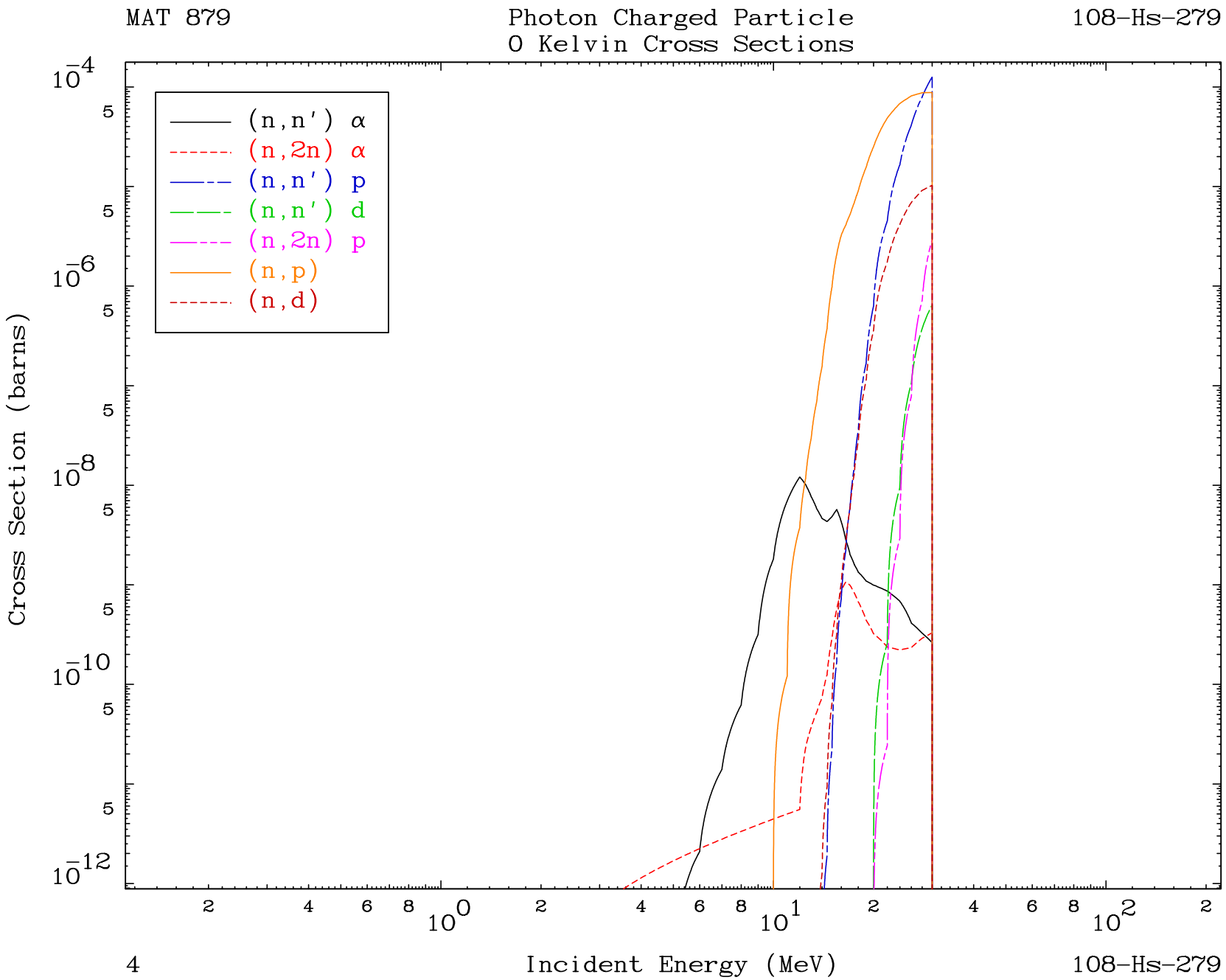
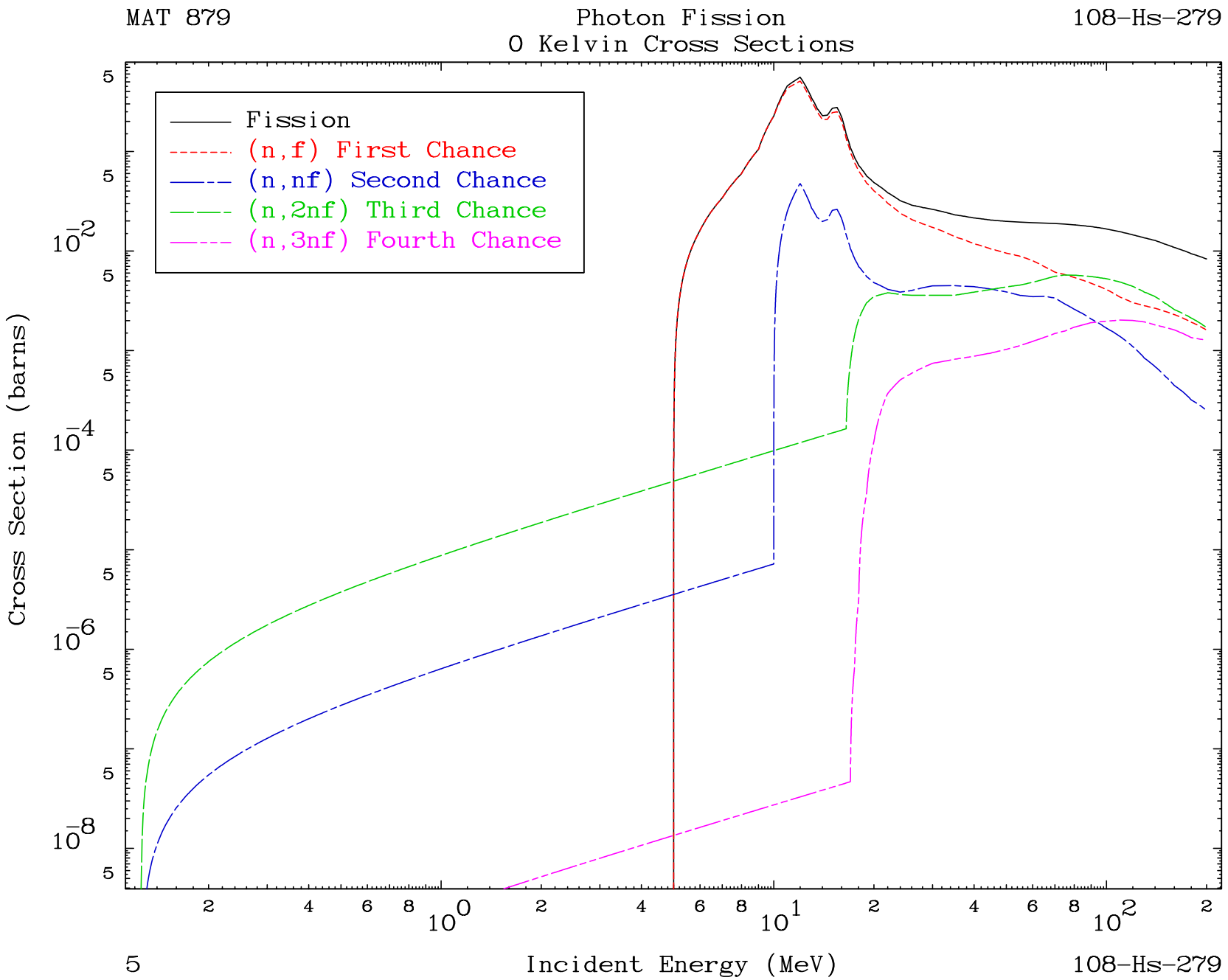
Press Mouse Button to Start

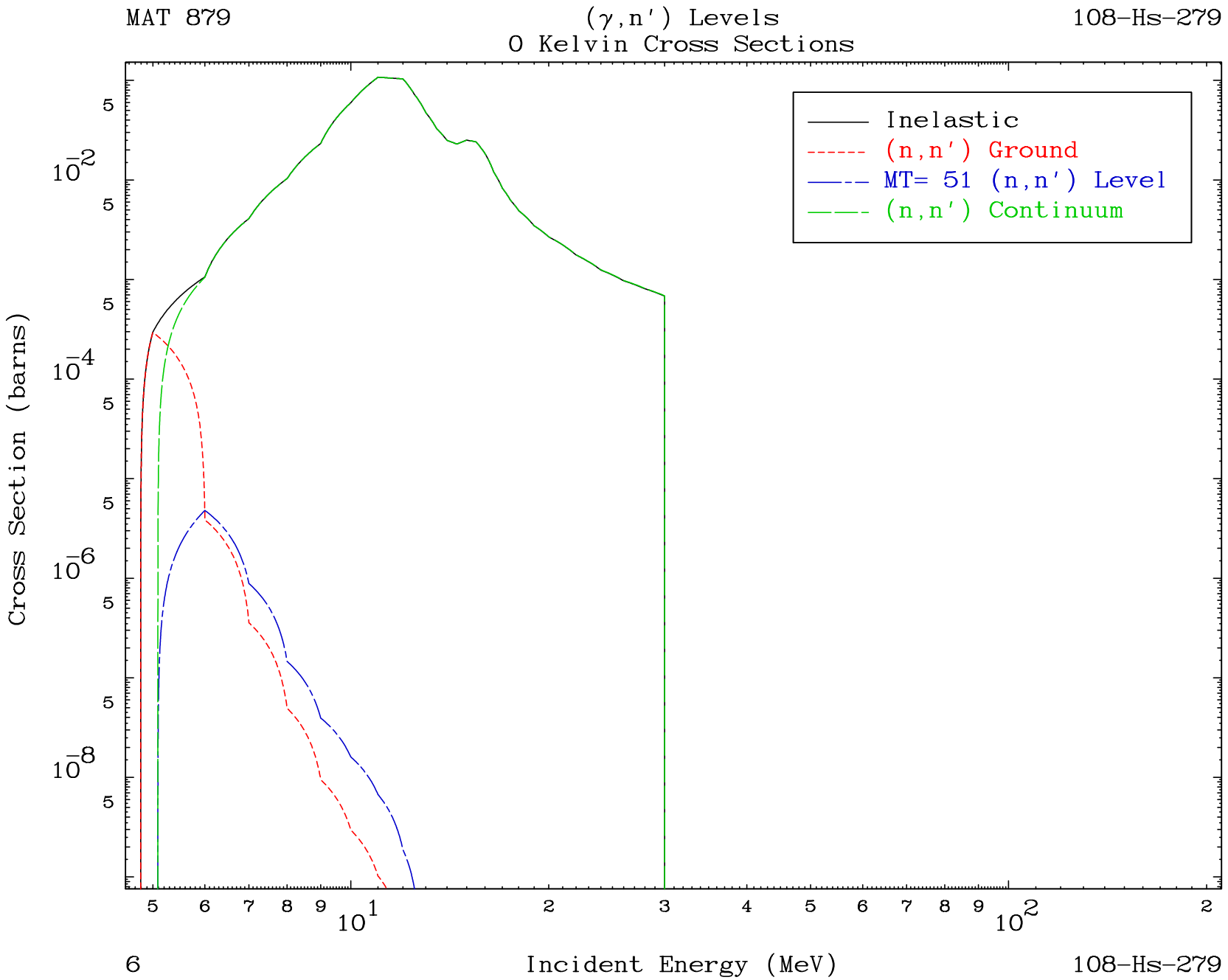

MAT 879
Photon Major
108-Hs-279
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
Fission
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
108-Hs-279

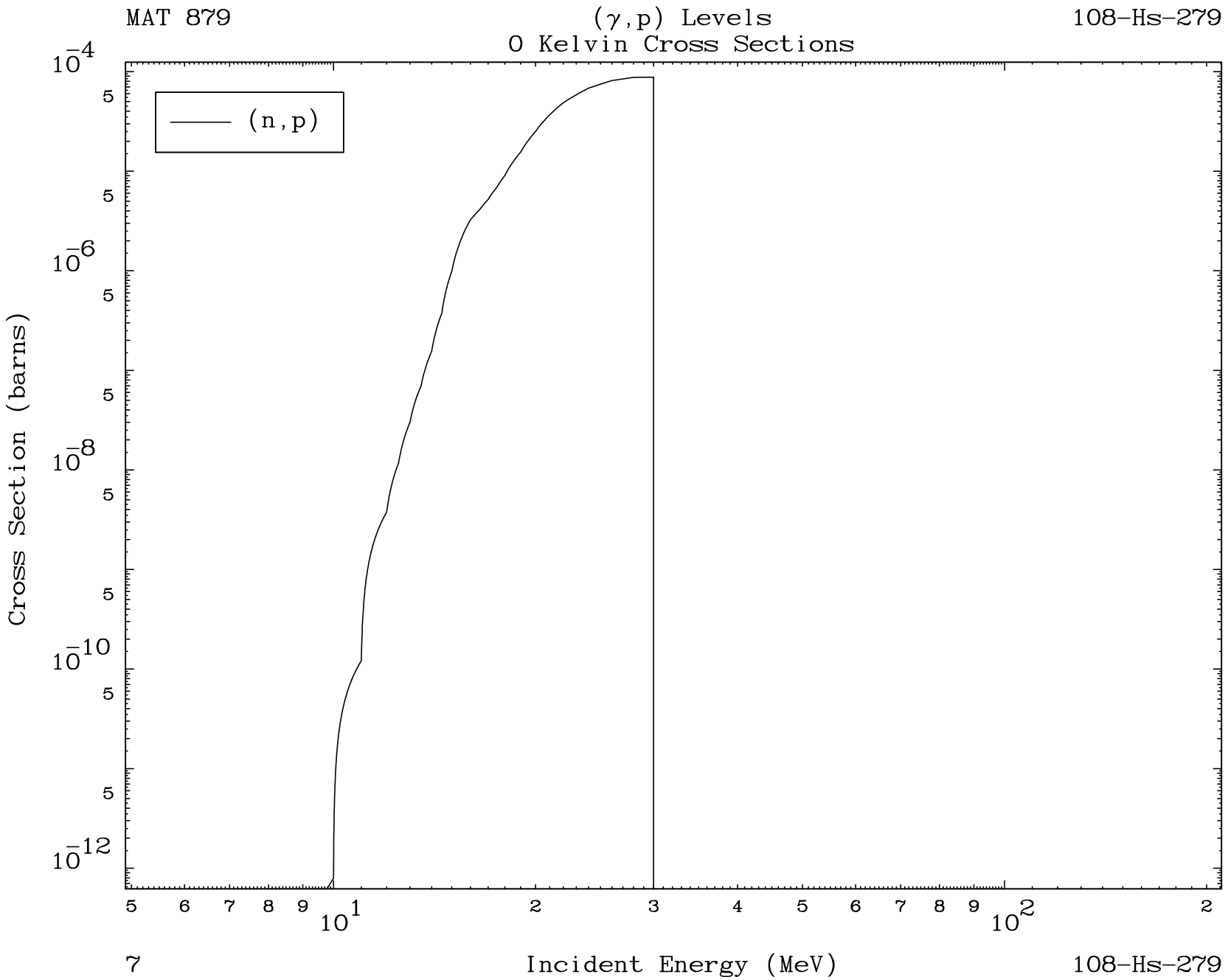

MAT 879
Photon Neutron Absorption
0 Kelvin Cross Sections
108-Hs-279
(n,2n)
(n,3n)
Fission
(n,f) First Chance
(n,nf) Second Chance
(n,2nf) Third Chance
(n,n') α
Cross Section (barns)
Incident Energy (MeV)
108-Hs-279
2

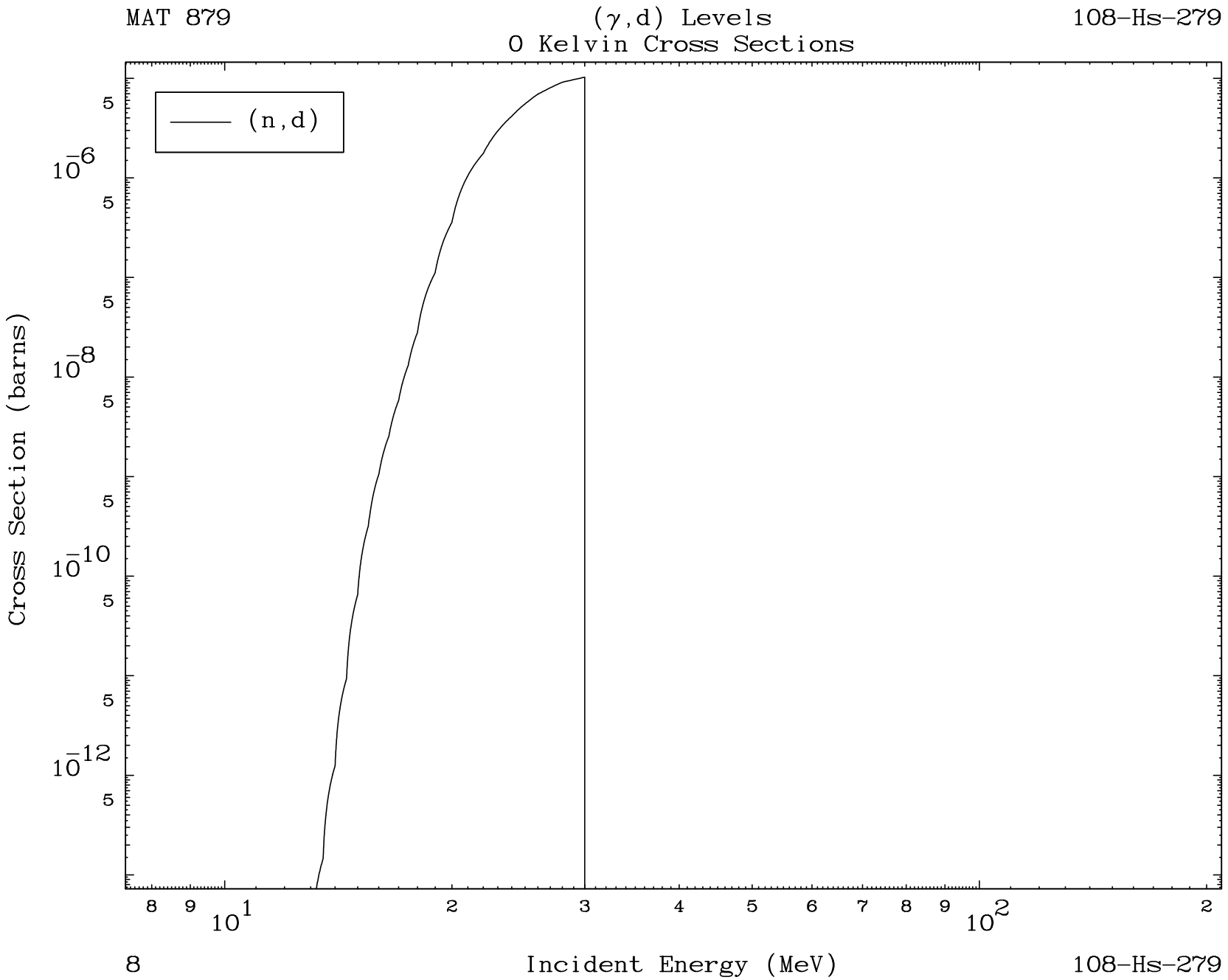

MAT 879
Photon Neutron Absorption
0 Kelvin Cross Sections
108-Hs-279
(n,n') p
(n,n') d
(n,4n)
(n,3nf) Fourth Chance
(n,2n) p
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
108-Hs-279

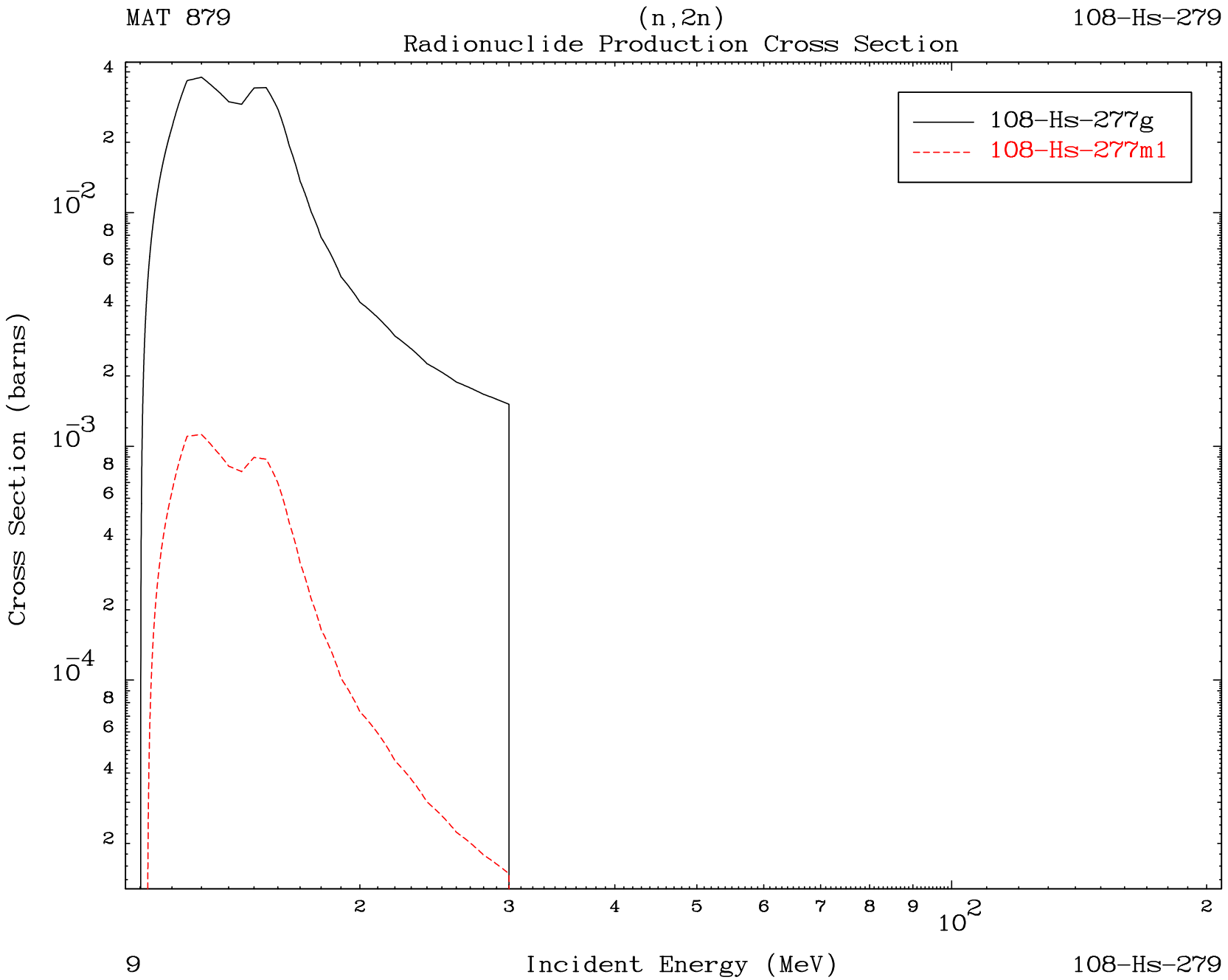

MAT 879
Photon Charged Particle
0 Kelvin Cross Sections
108-Hs-279
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,2n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
4
108-Hs-279


MAT 879
Photon Fission
108-Hs-279
0 Kelvin Cross Sections
Fission
(n,f) First Chance
(n,nf) Second Chance
(n,2nf) Third Chance
(n,3nf) Fourth Chance
Cross Section (barns)
Incident Energy (MeV)
108-Hs-279


MAT 879
(γ,n') Levels
0 Kelvin Cross Sections
108-Hs-279
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
6
108-Hs-279


MAT 879
(γ,p) Levels
108-Hs-279
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
108-Hs-279


MAT 879
(γ,d) Levels
108-Hs-279
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
8
108-Hs-279


MAT 879
(n,2n)
108-Hs-279
Radionuclide Production Cross Section
108-Hs-277g
108-Hs-277m1
Cross Section (barns)
Incident Energy (MeV)
9
108-Hs-279