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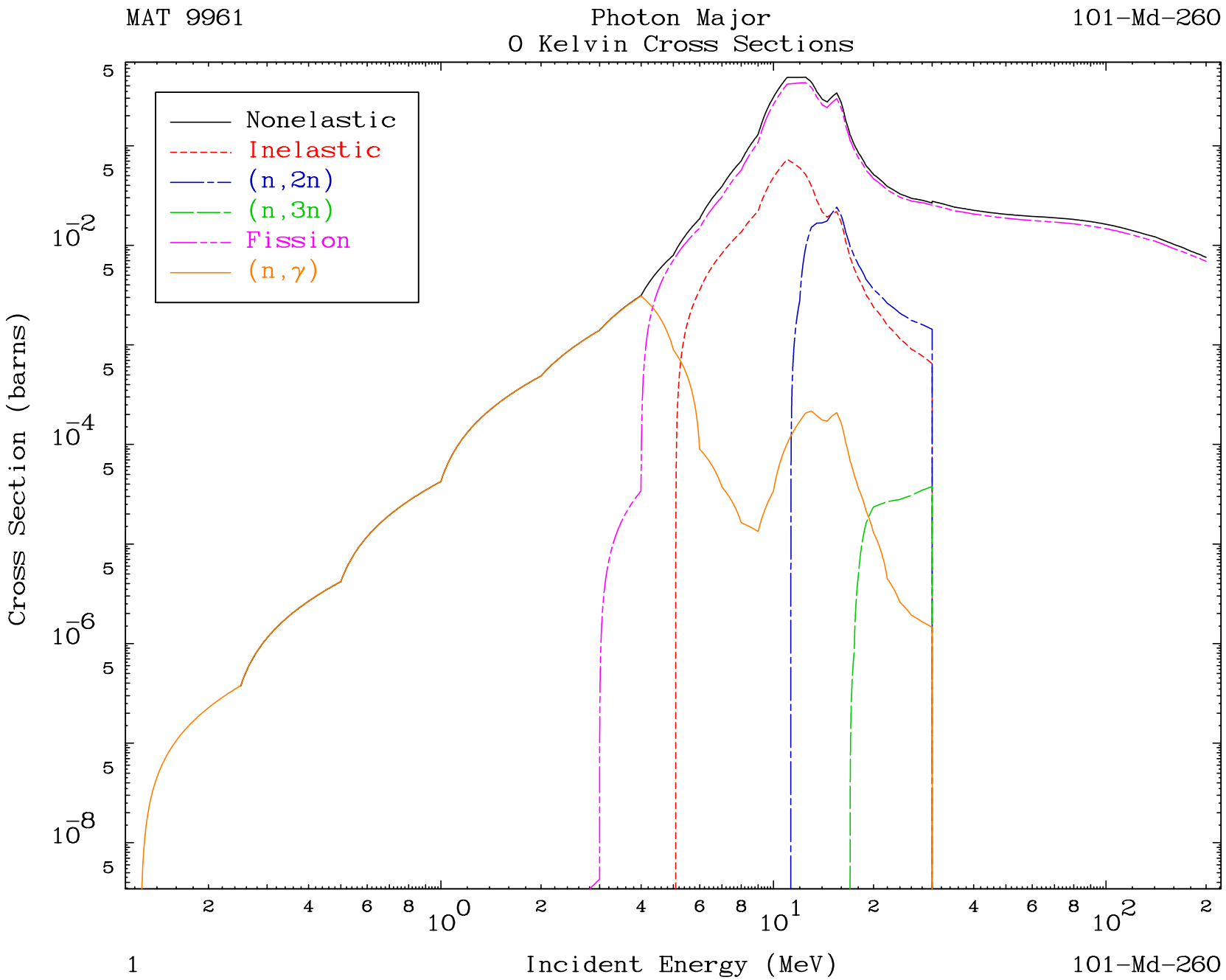
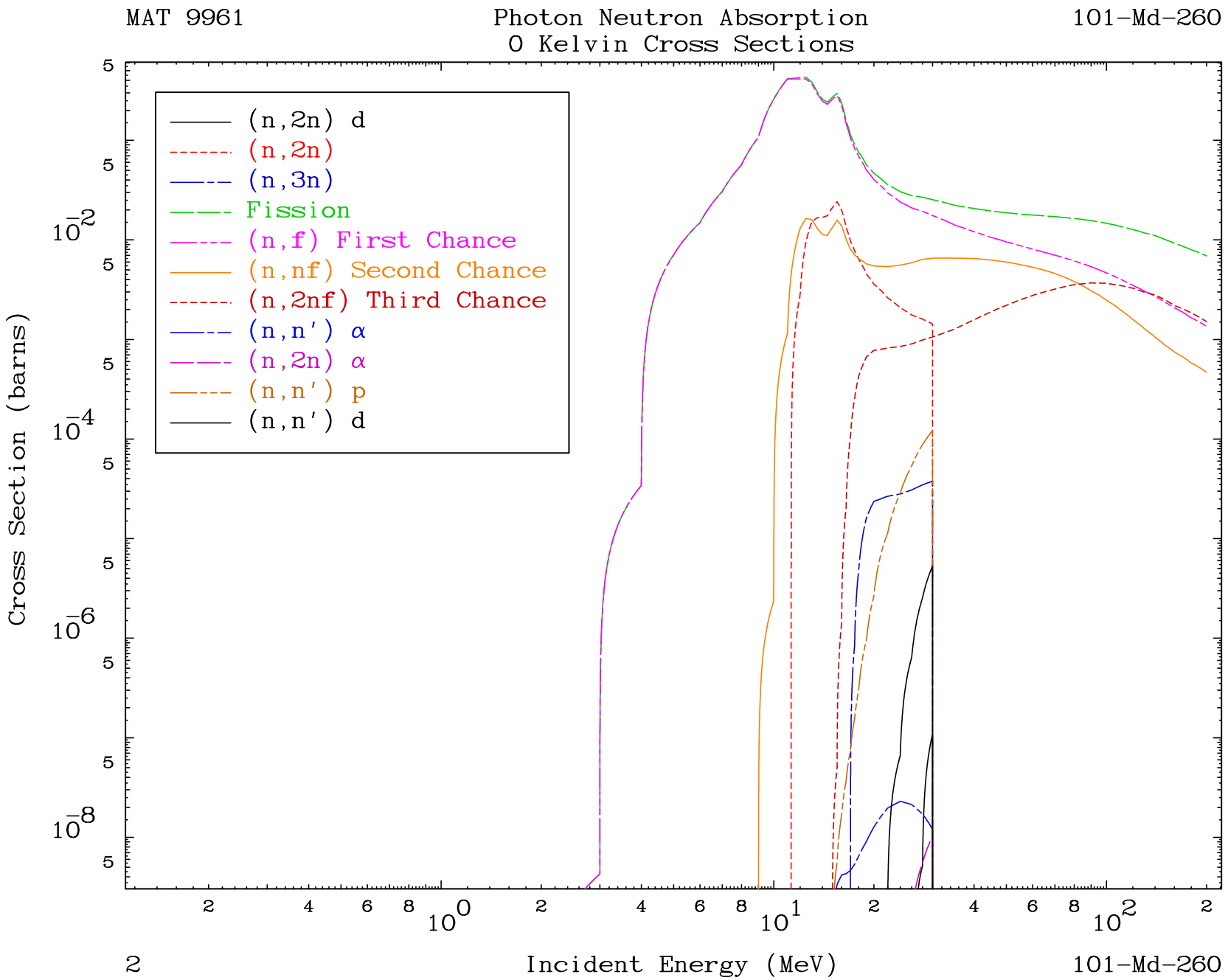
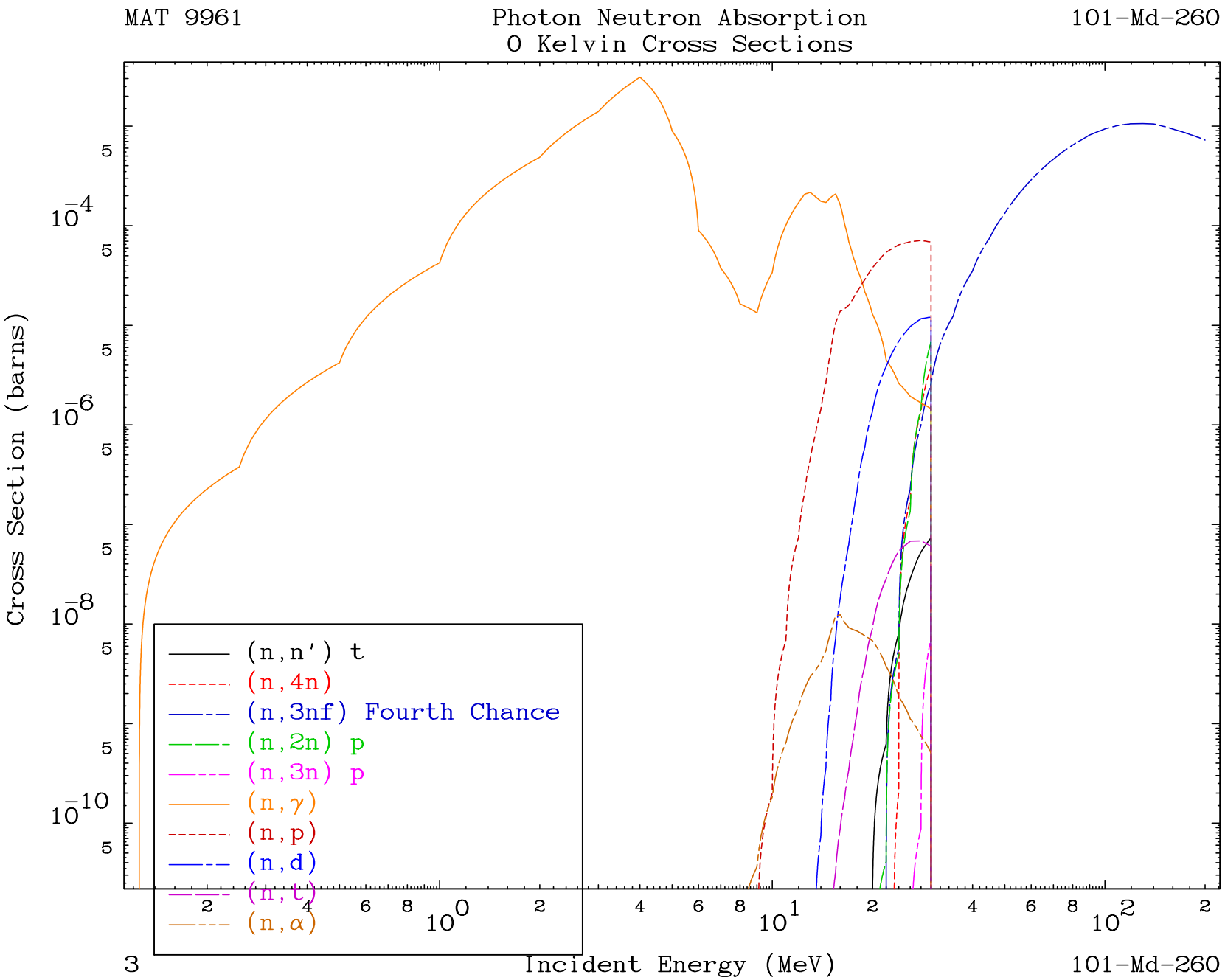
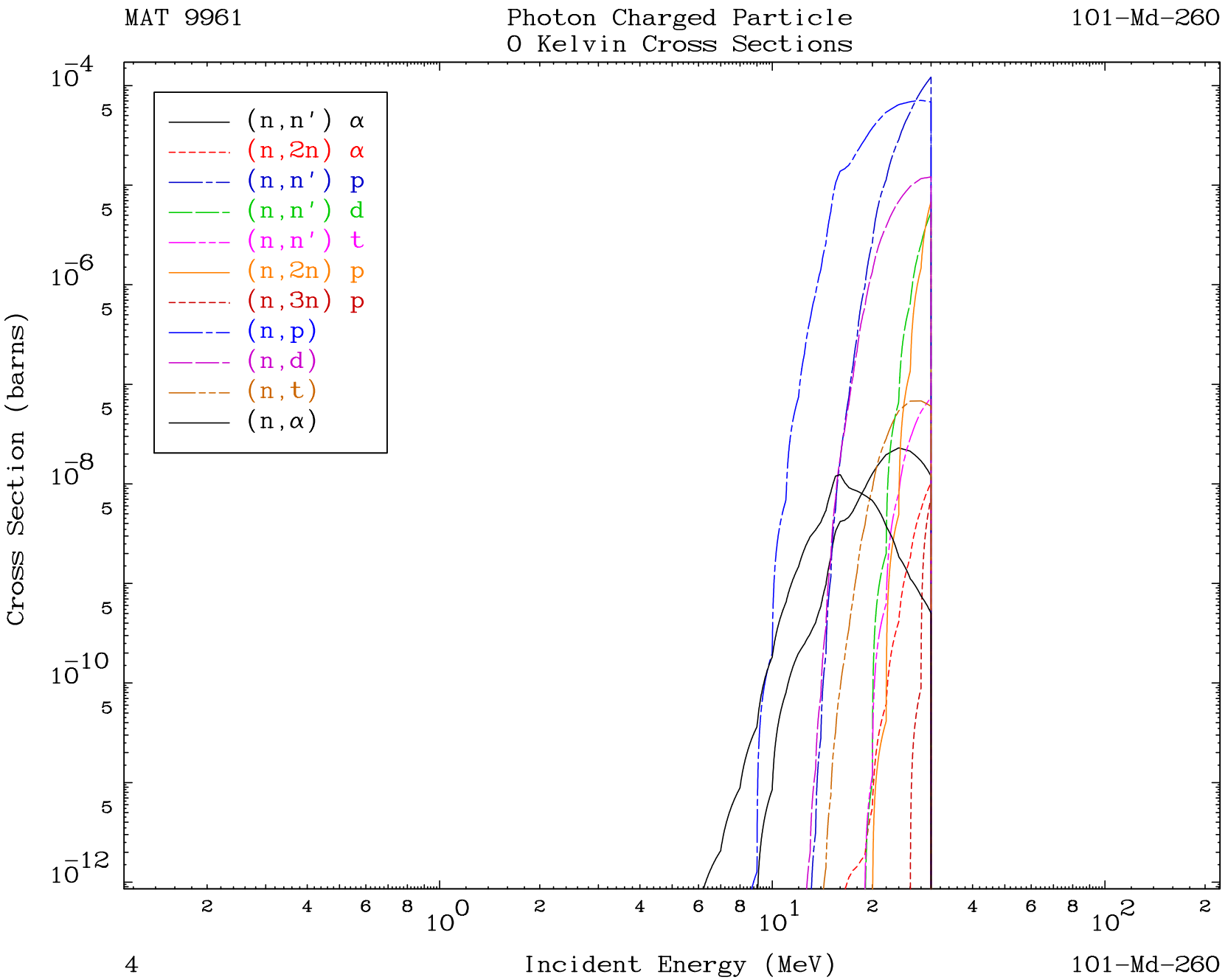
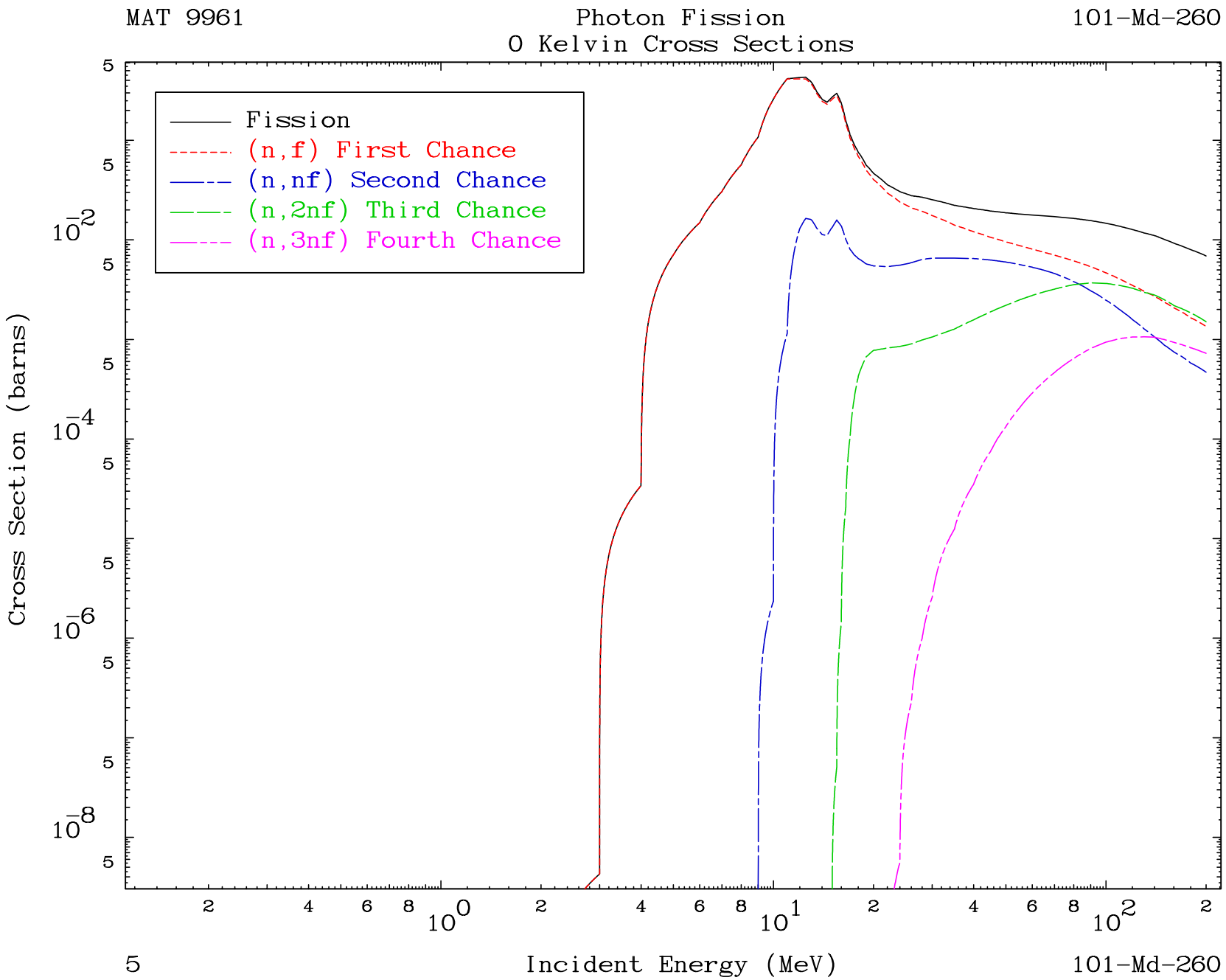
Press Mouse Button to Start

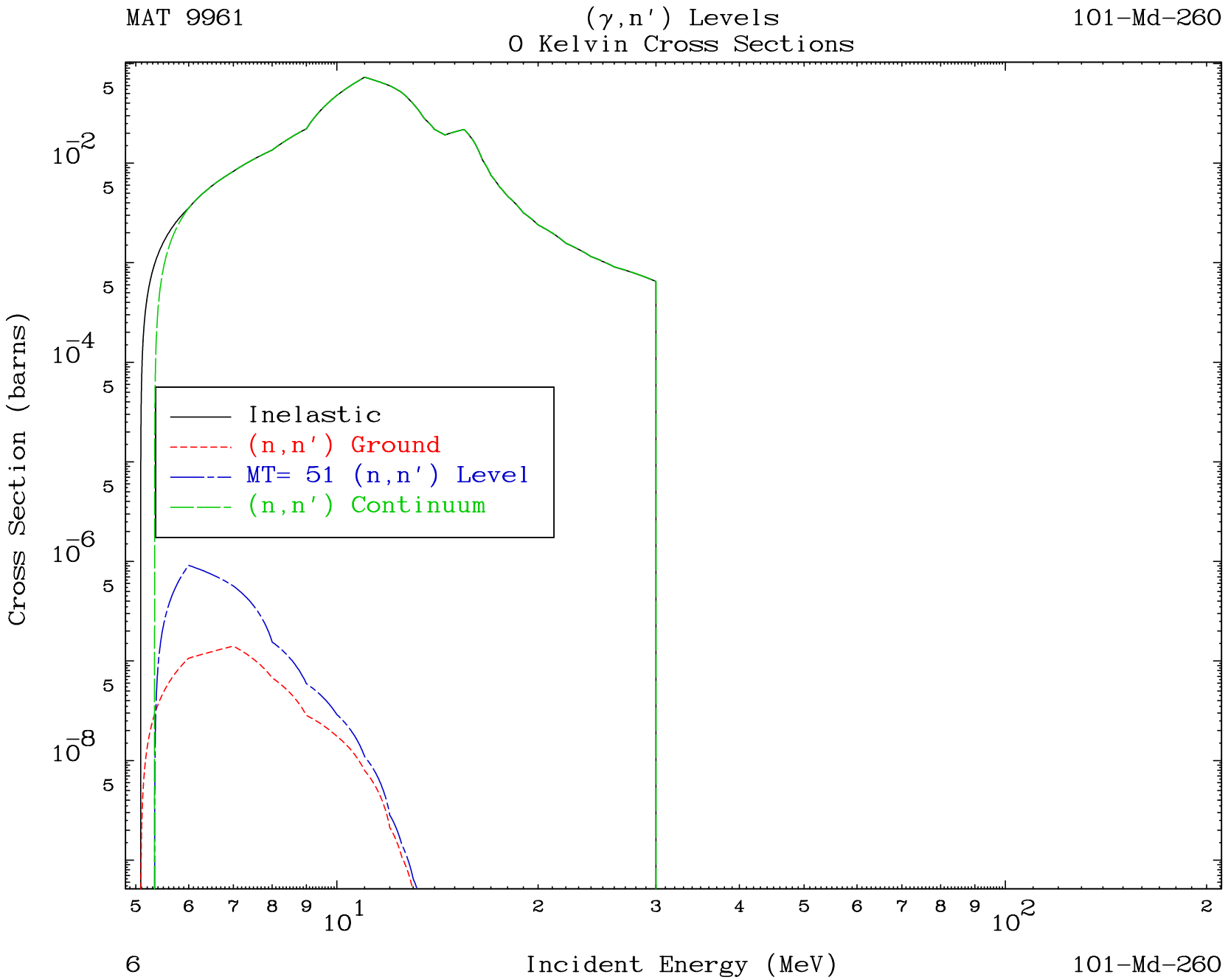

MAT 9961
Photon Major
101-Md-260
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
Fission
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
101-Md-260
1

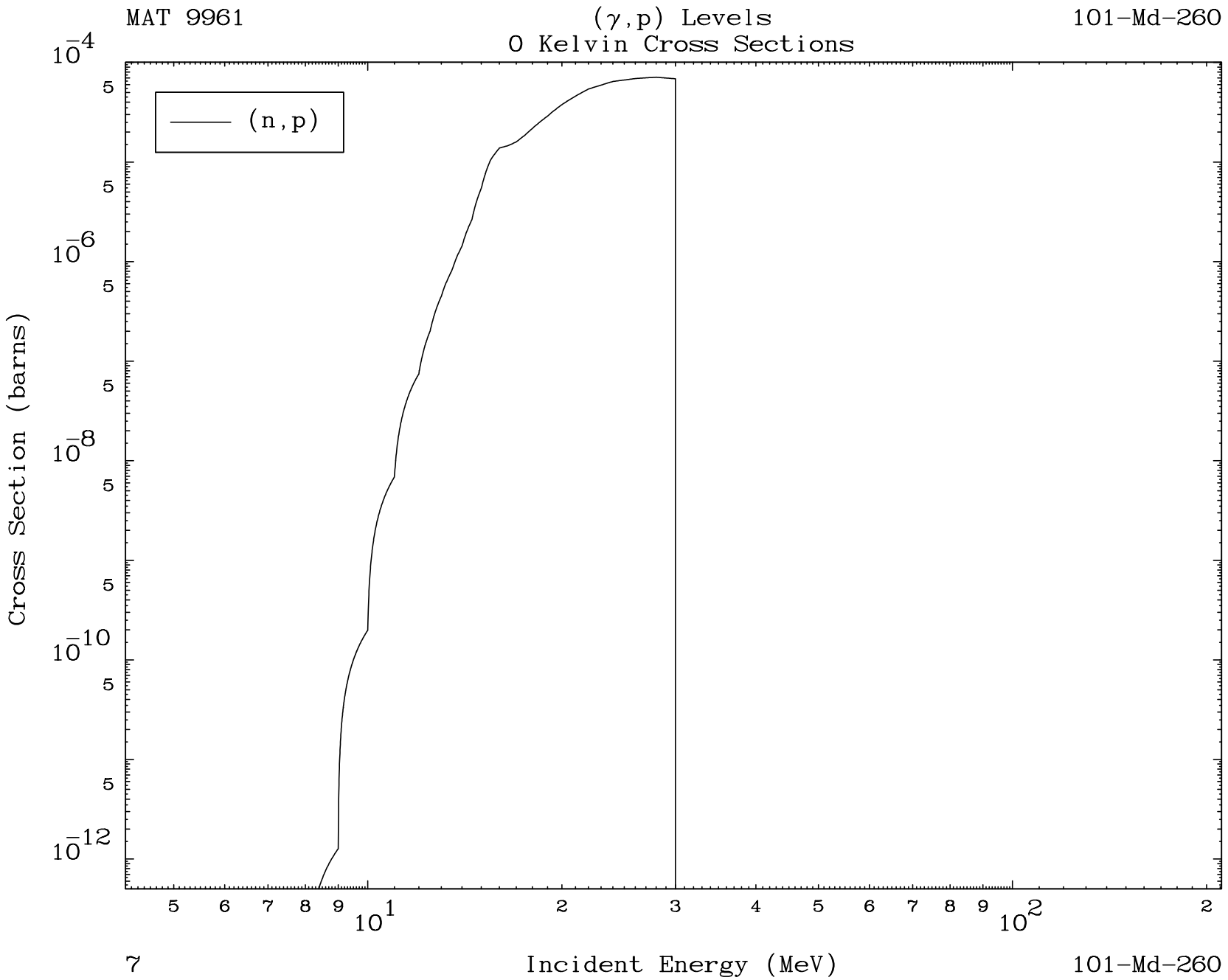

MAT 9961
Photon Neutron Absorption
0 Kelvin Cross Sections
101-Md-260
(n,2n) d
(n,2n)
(n,3n)
Fission
(n,f) First Chance
(n,nf) Second Chance
(n,2nf) Third Chance
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
2
101-Md-260

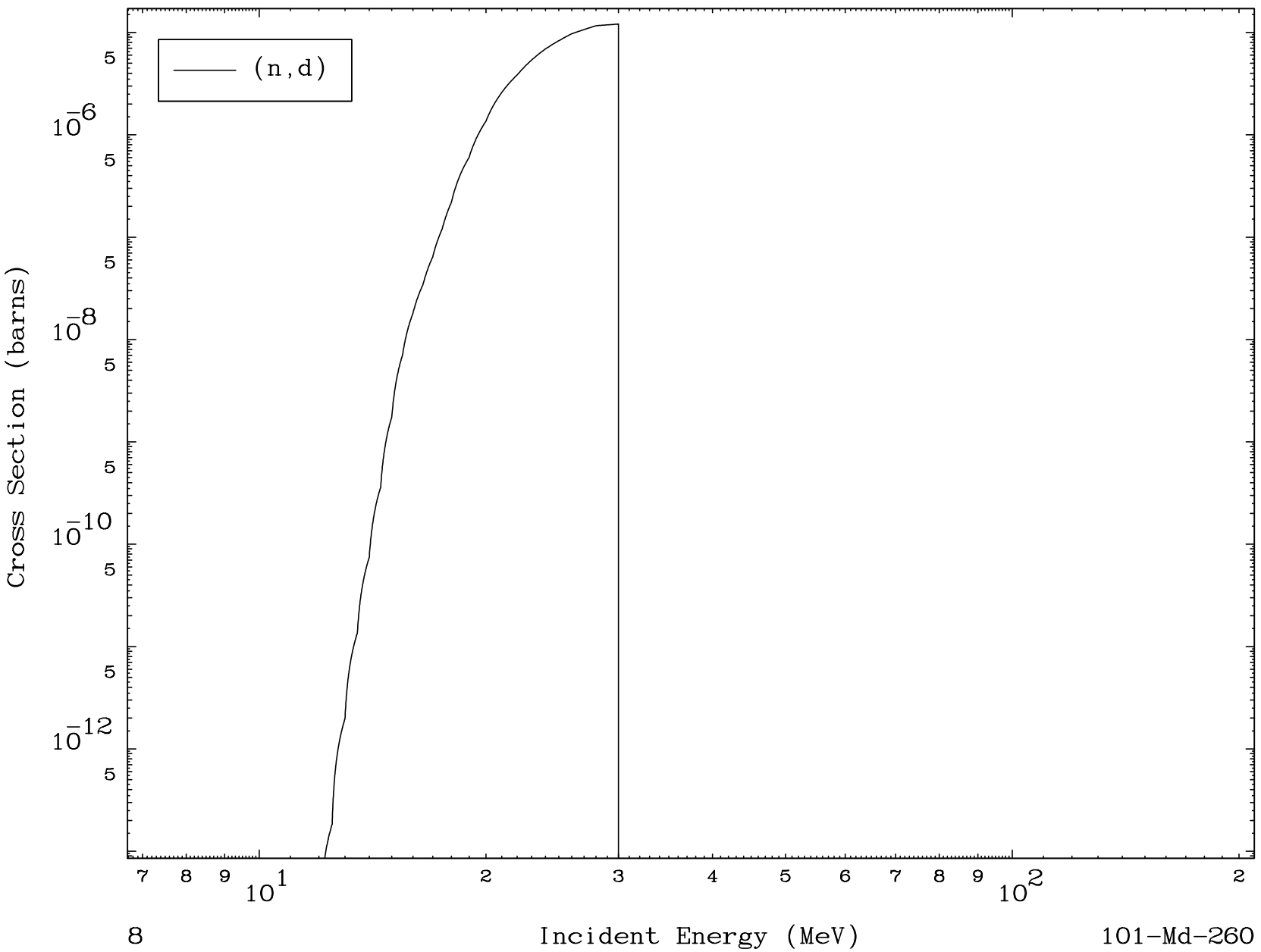

MAT 9961
Photon Neutron Absorption
0 Kelvin Cross Sections
101-Md-260
Cross Section (barns)
Incident Energy (MeV)
101-Md-260
3
(n,n') t
(n,4n)
(n,3nf) Fourth Chance
(n,2n) p
(n,3n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)

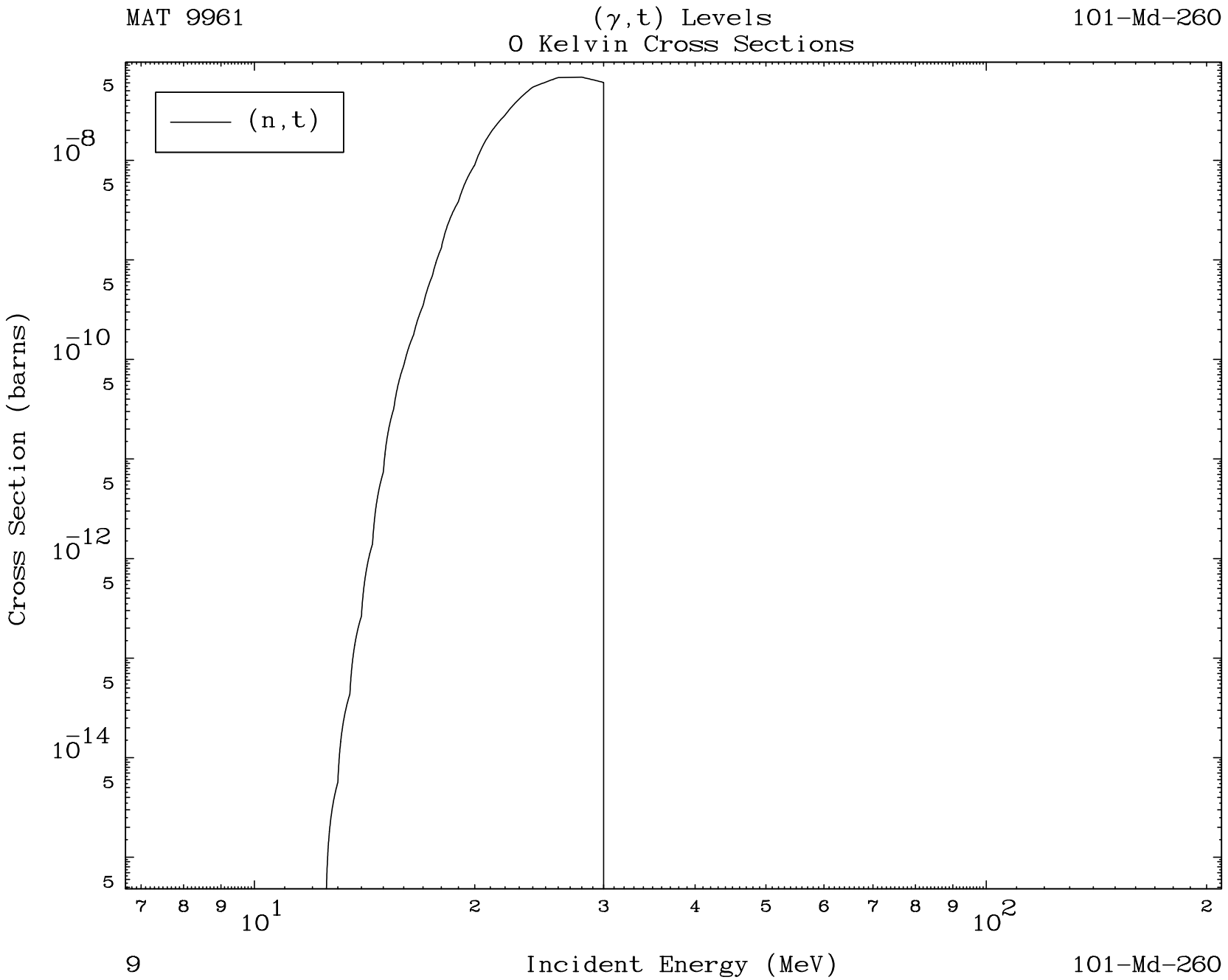

MAT 9961
Photon Charged Particle
0 Kelvin Cross Sections
101-Md-260
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
4
101-Md-260

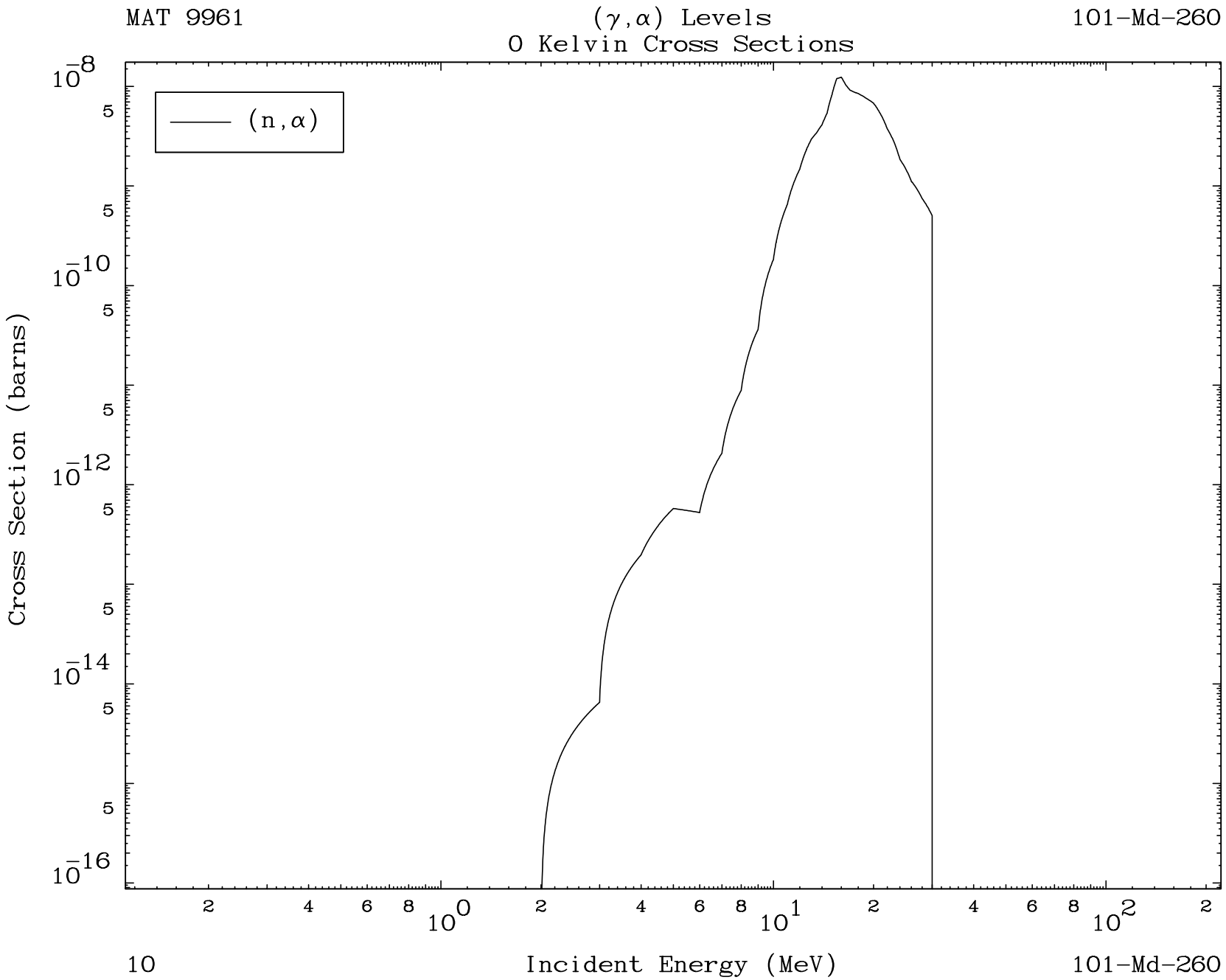

MAT 9961
Photon Fission
101-Md-260
0 Kelvin Cross Sections
Fission
(n,f) First Chance
(n,nf) Second Chance
(n,2nf) Third Chance
(n,3nf) Fourth Chance
Cross Section (barns)
Incident Energy (MeV)
101-Md-260

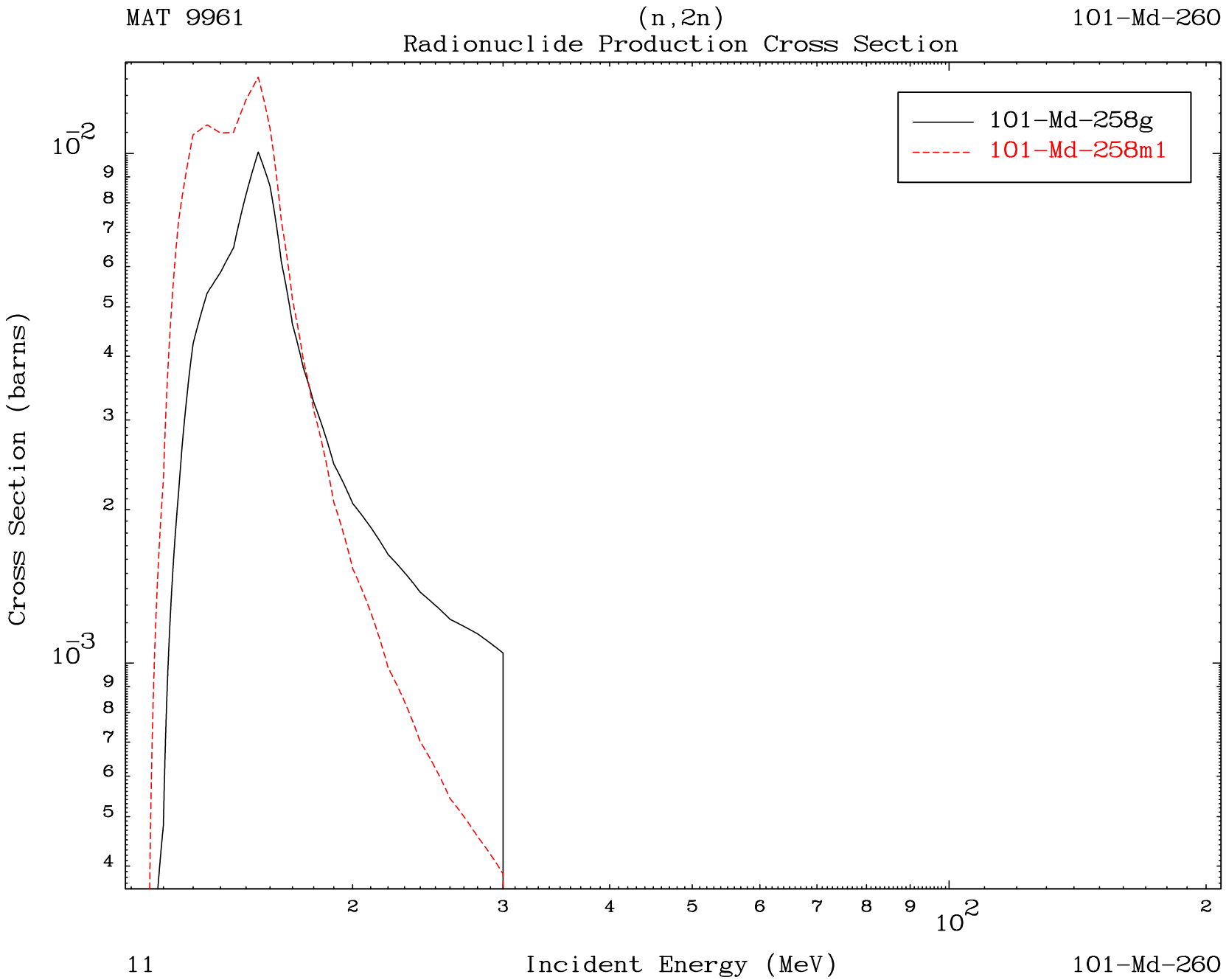

MAT 9961
(γ,n') Levels
101-Md-260
0 Kelvin Cross Sections
Cross Section (barns)
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Incident Energy (MeV)
101-Md-260
6

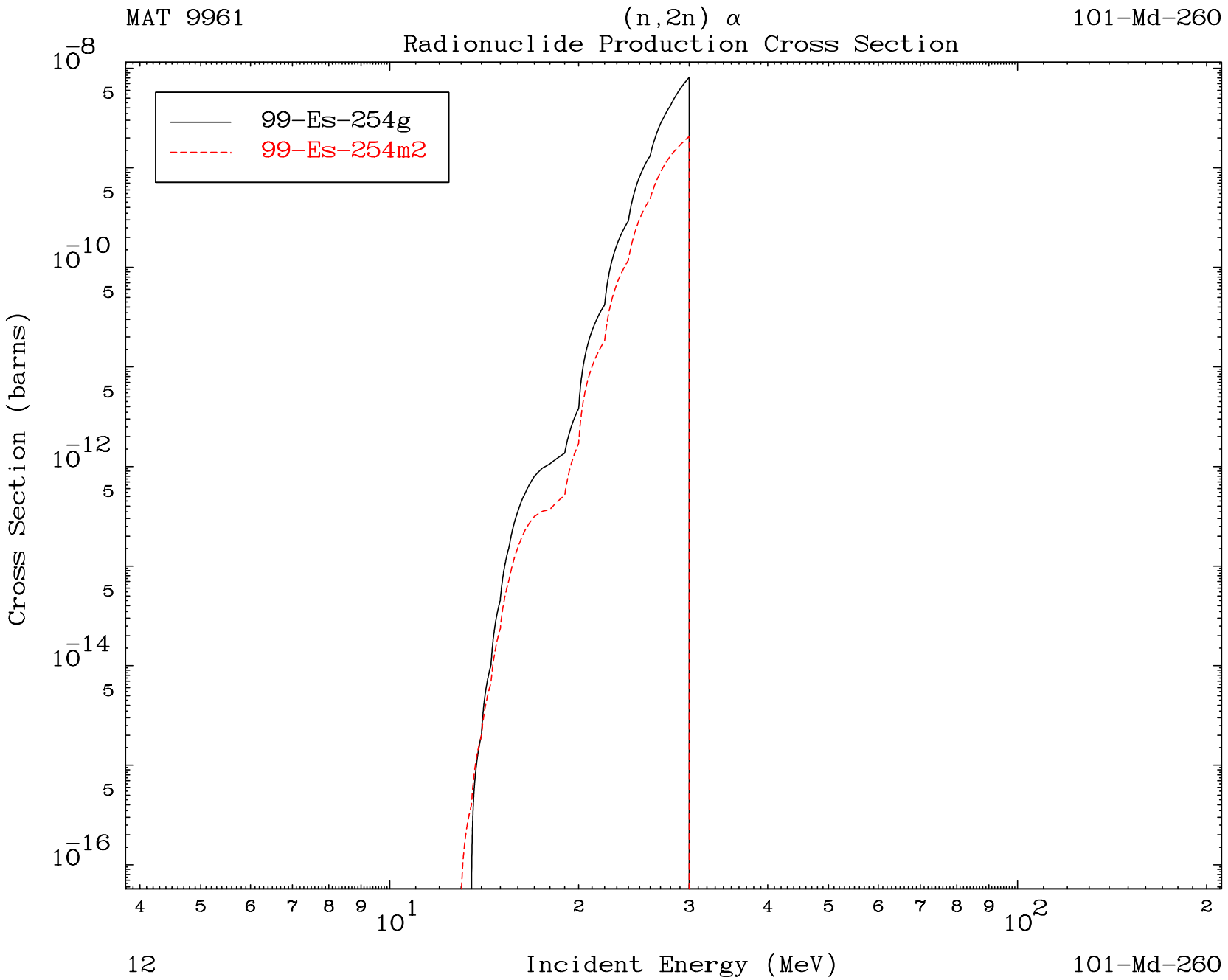

MAT 9961
(γ,p) Levels
101-Md-260
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
101-Md-260


0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)


MAT 9961
(γ,t) Levels
101-Md-260
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
101-Md-260


MAT 9961
(γ,α) Levels
101-Md-260
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
Incident Energy (MeV)
101-Md-260


MAT 9961
(n,2n)
101-Md-260
Radionuclide Production Cross Section
101-Md-258g
101-Md-258m1
Cross Section (barns)
10-2
10-3
9
8
7
6
5
4
3
2
2
3
4
5
6
7
8
9
10+2
2
11
Incident Energy (MeV)
101-Md-260


MAT 9961
(n,2n) α
101-Md-260
Radionuclide Production Cross Section
99-Es-254g
99-Es-254m2
Cross Section (barns)
Incident Energy (MeV)
12
101-Md-260