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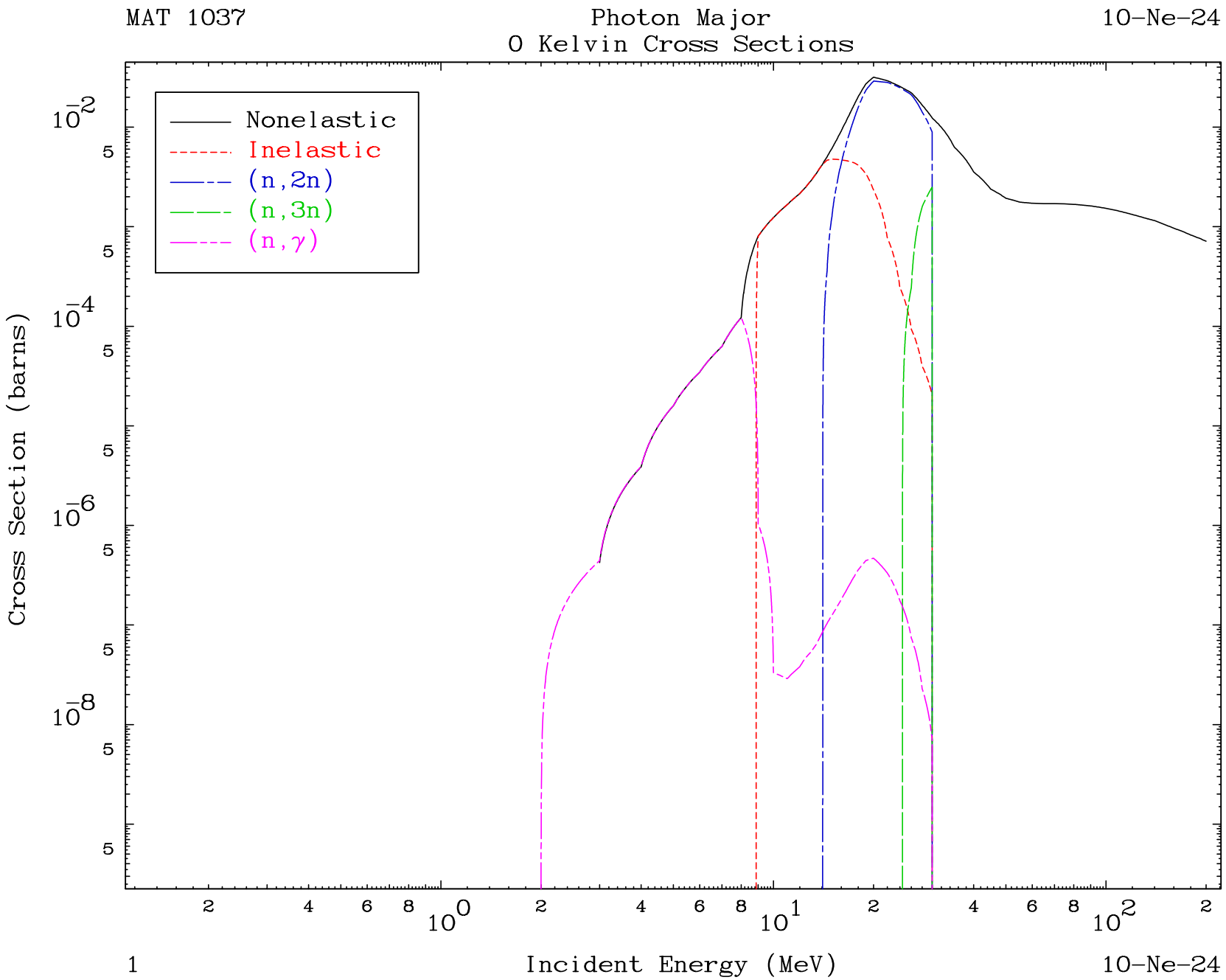
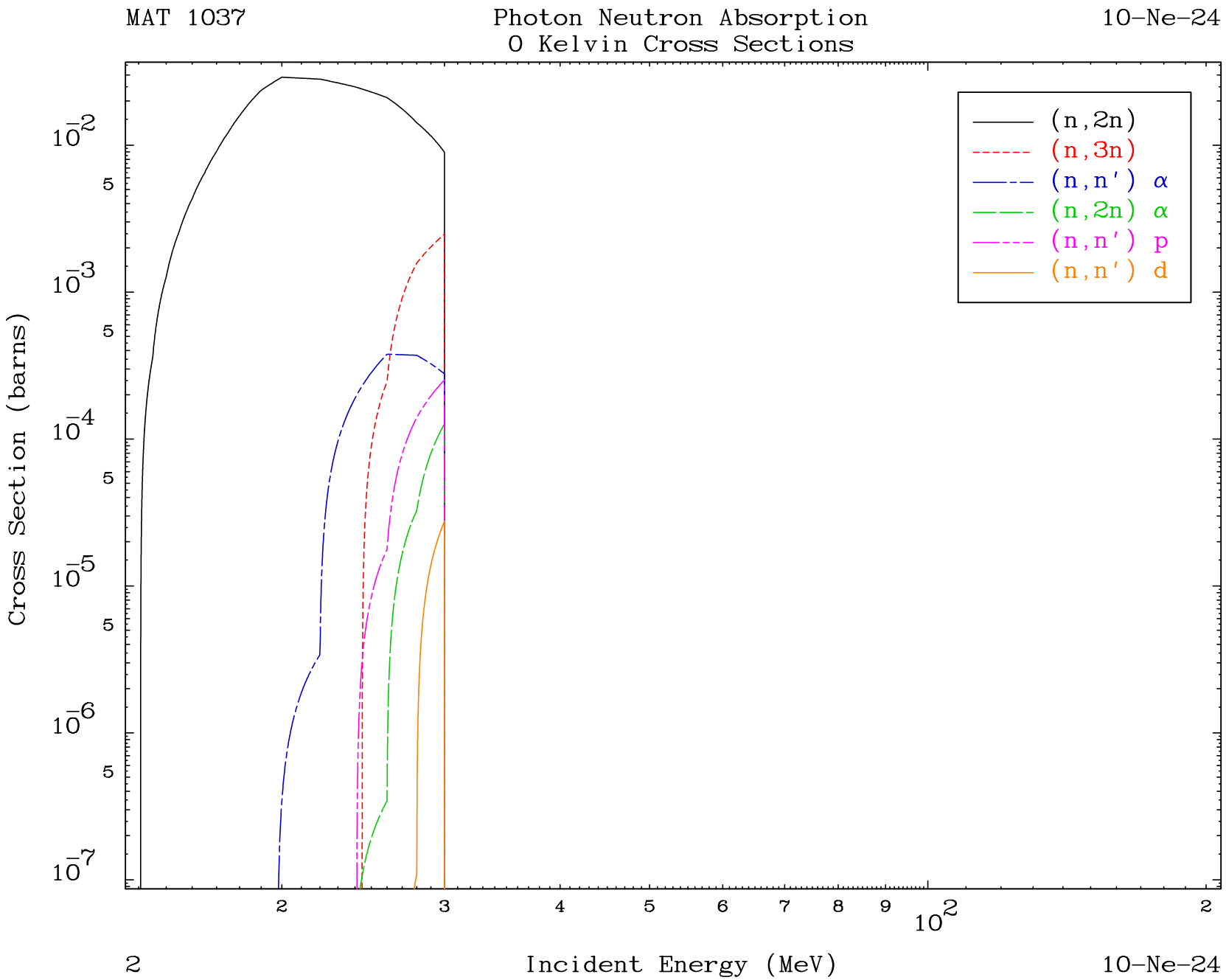
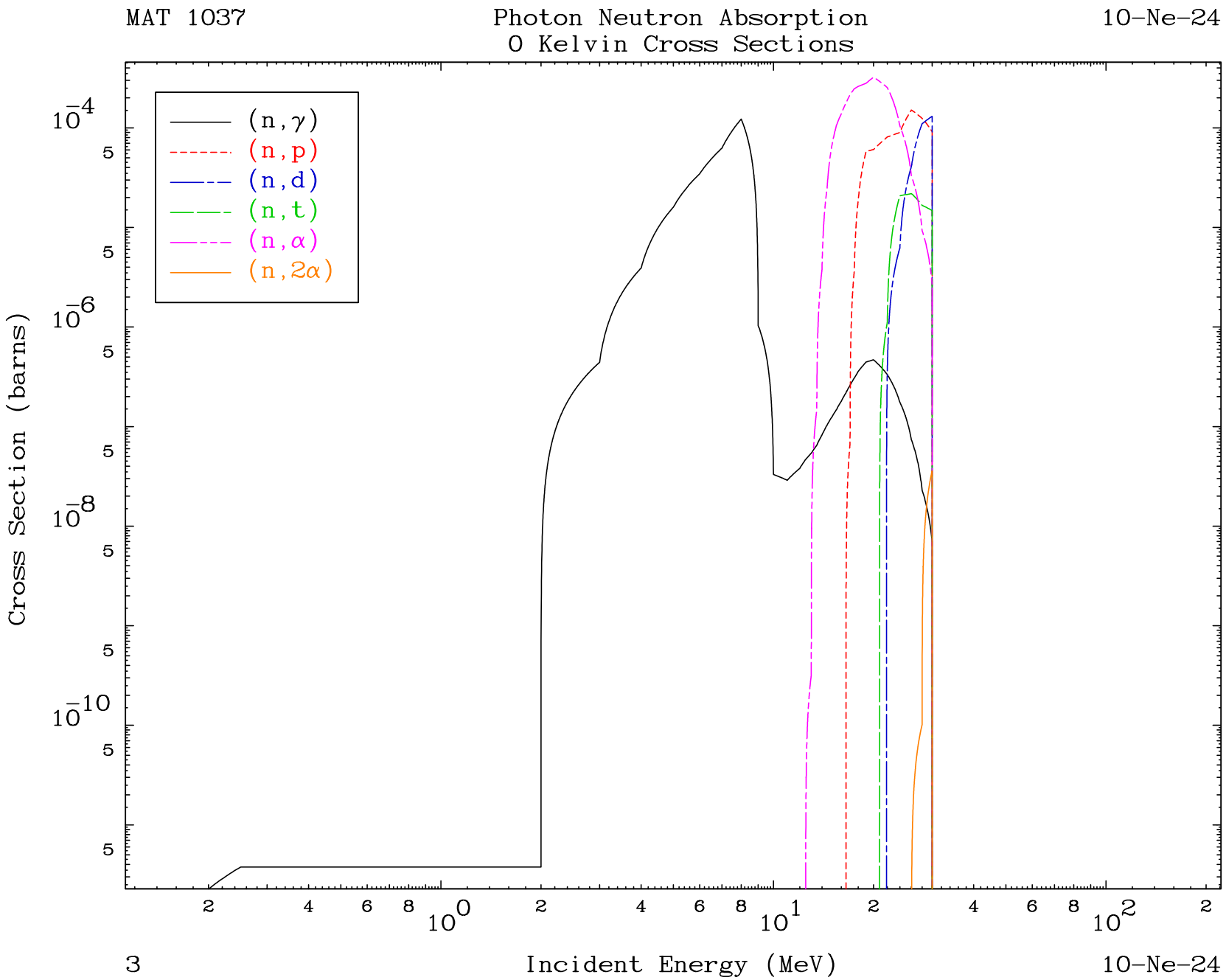
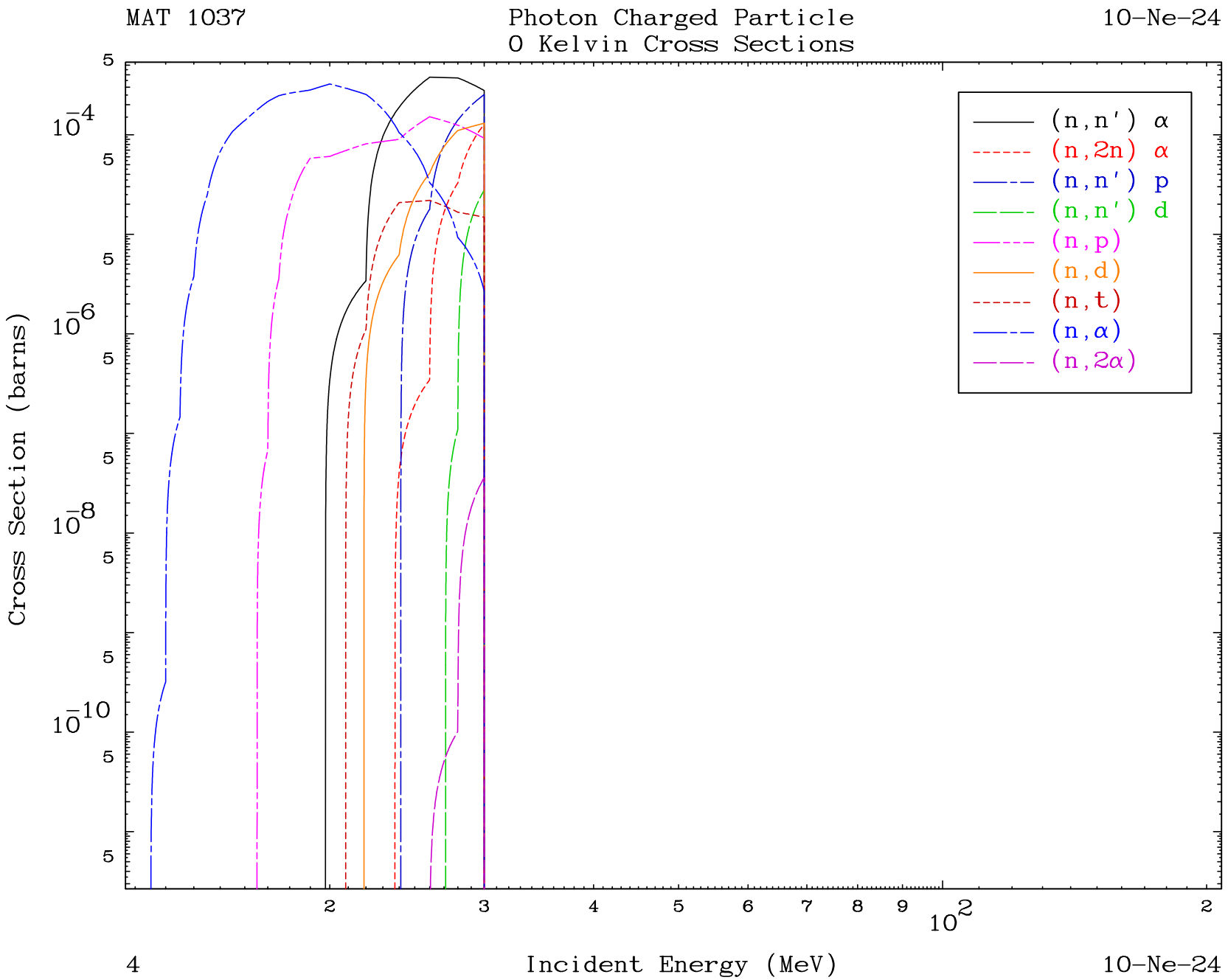
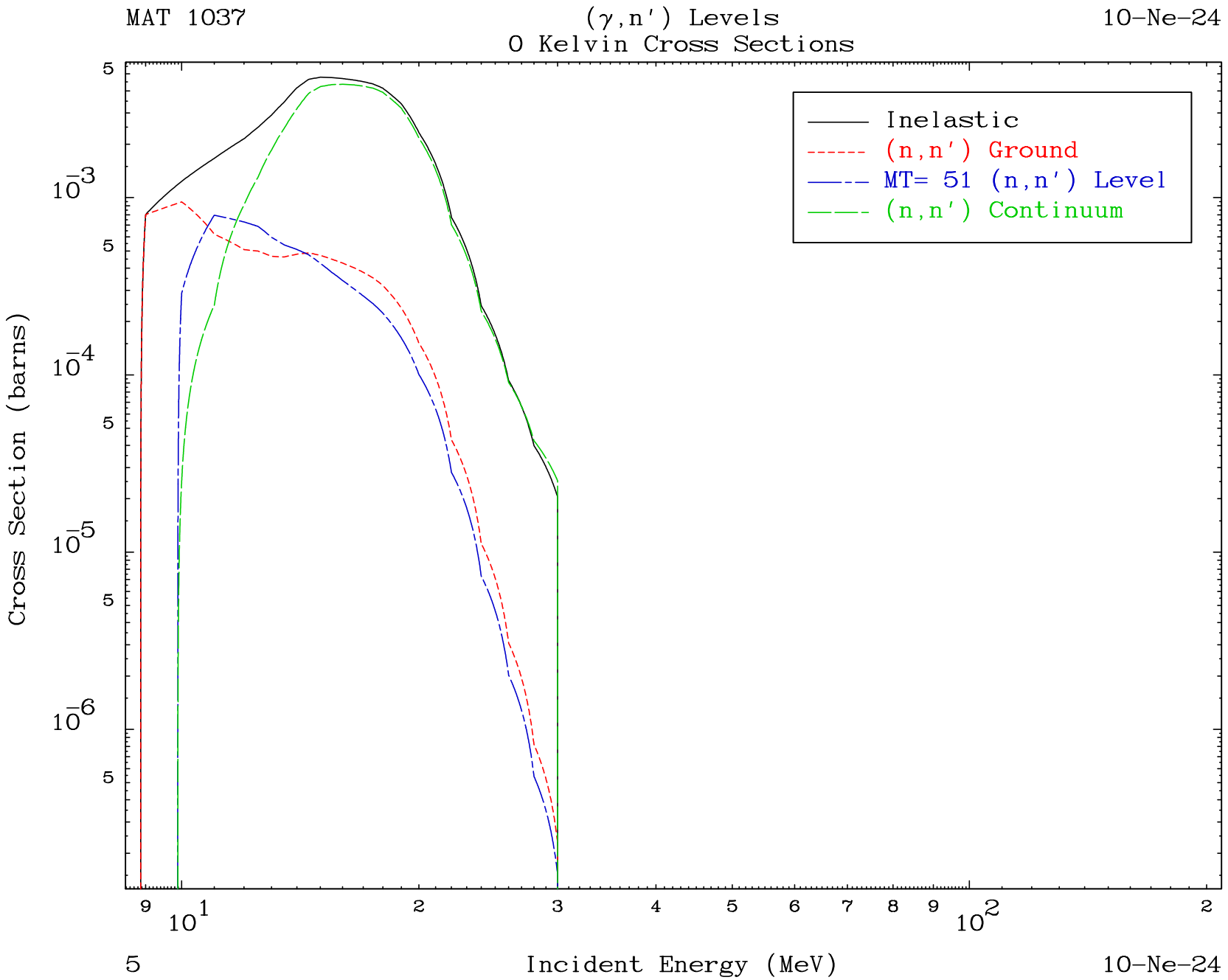
Press Mouse Button to Start

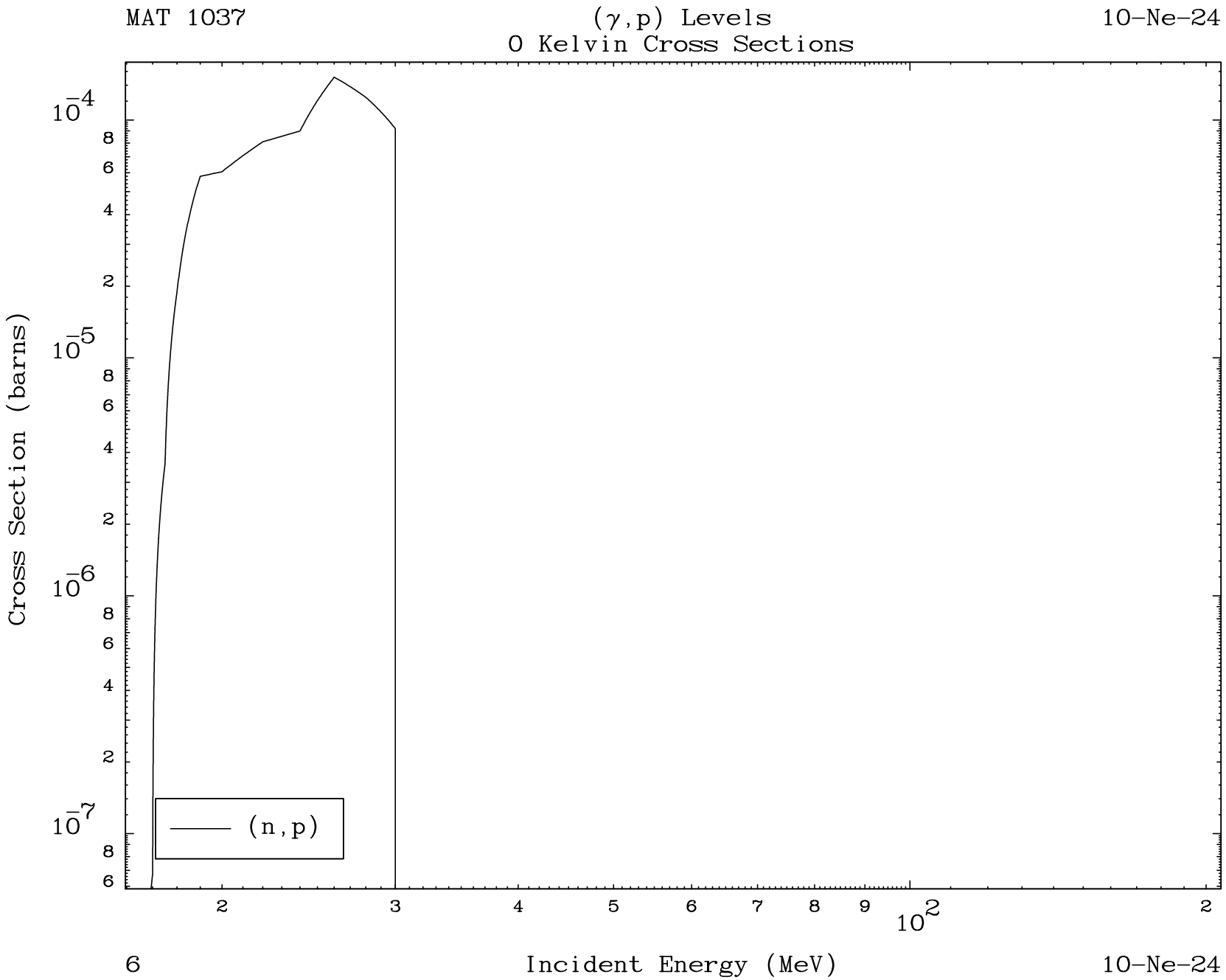

MAT 1037
Photon Major
10-Ne-24
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
10-Ne-24

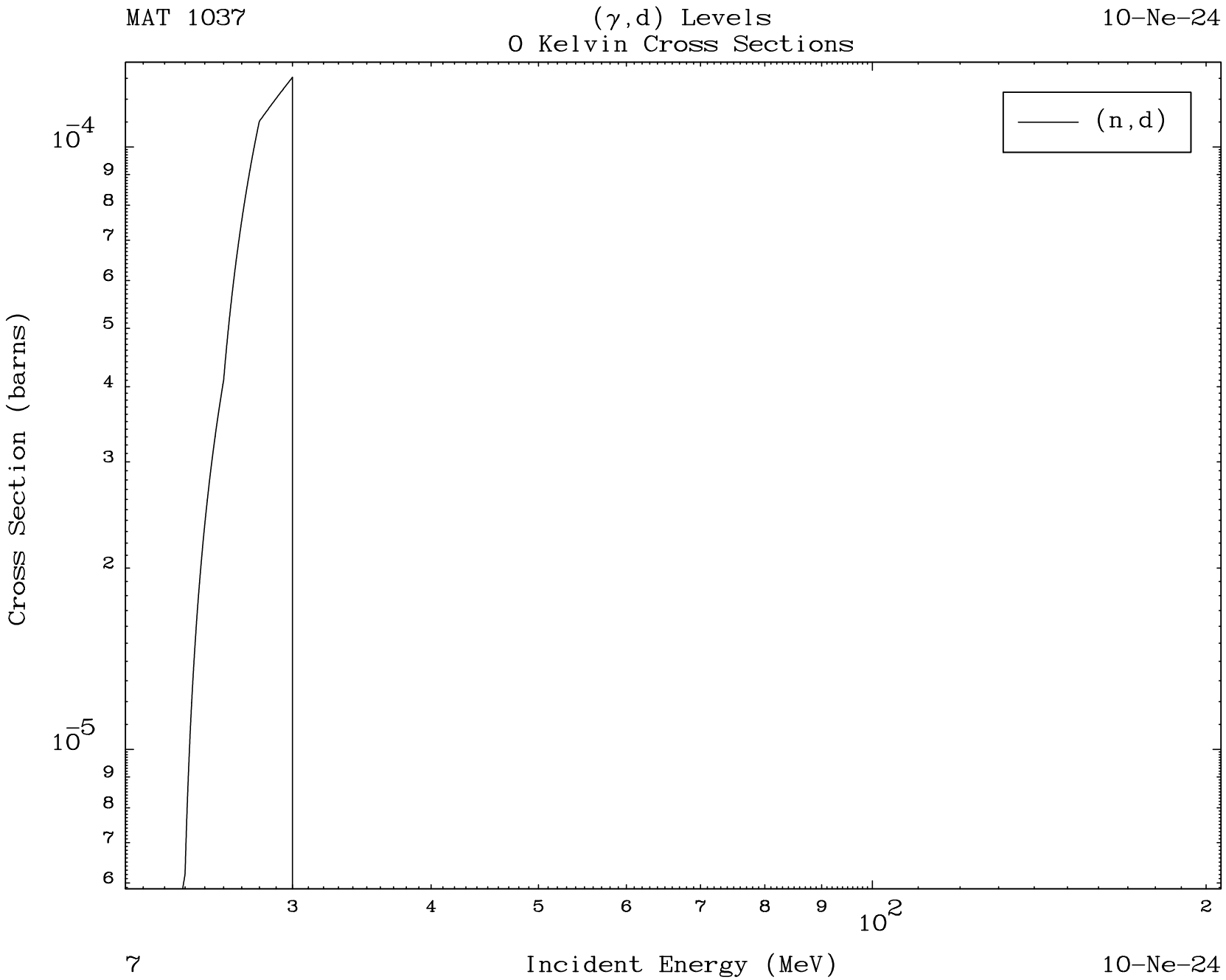

MAT 1037
Photon Neutron Absorption
0 Kelvin Cross Sections
10-Ne-24
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
2
10-Ne-24

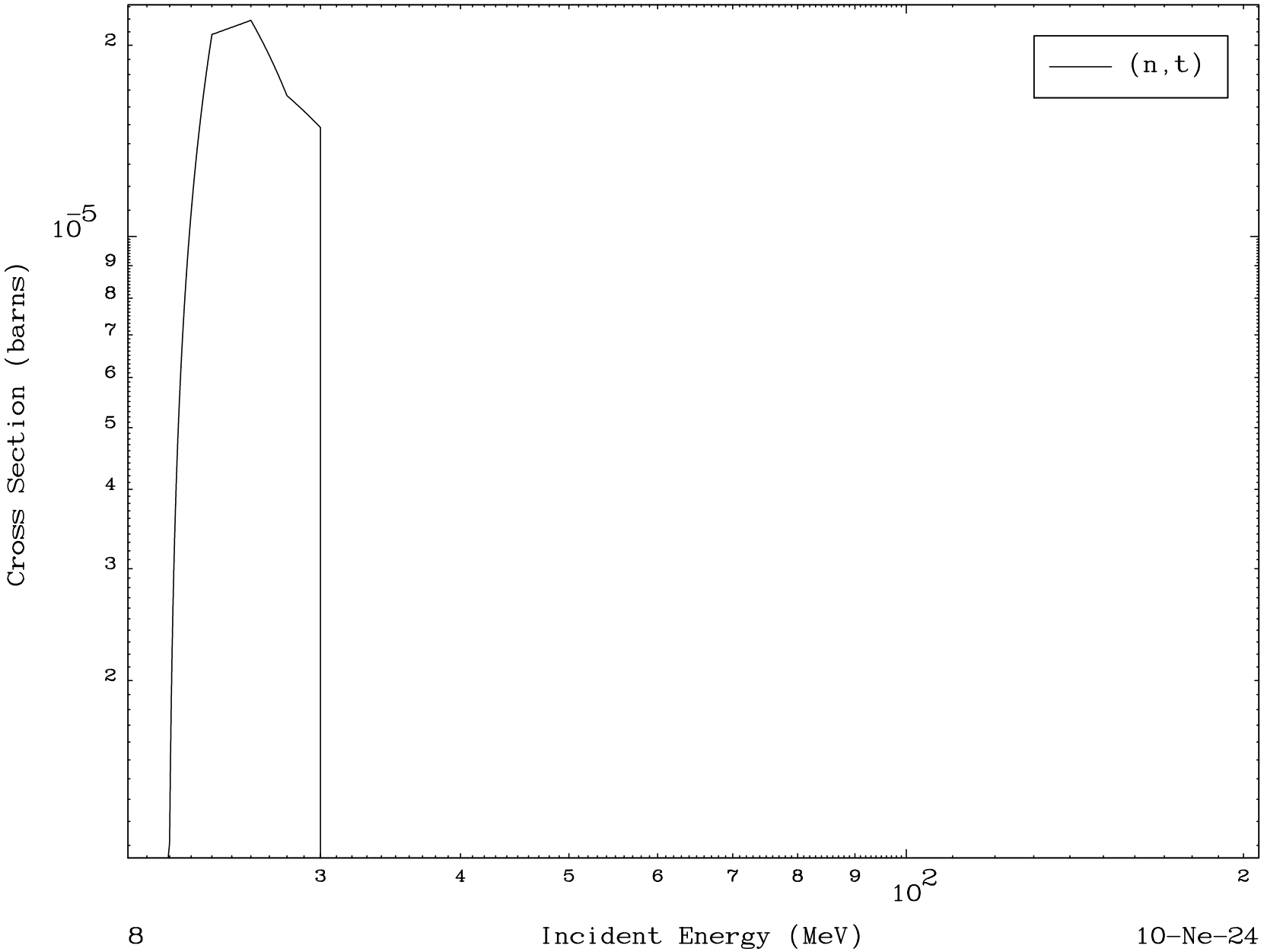

MAT 1037
Photon Neutron Absorption
0 Kelvin Cross Sections
10-Ne-24
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
3
10-Ne-24

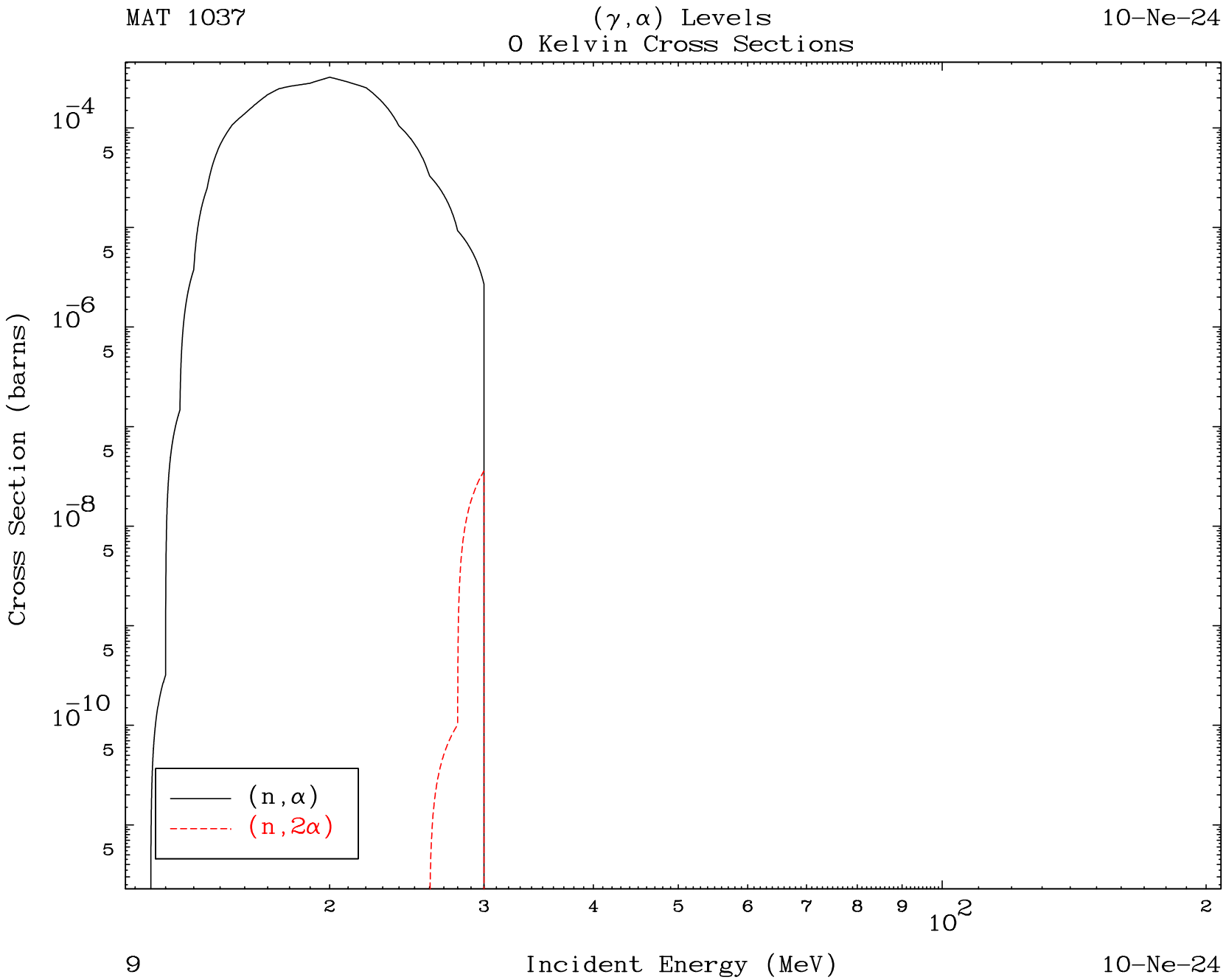

MAT 1037
Photon Charged Particle
0 Kelvin Cross Sections
10-Ne-24
Cross Section (barns)
Incident Energy (MeV)
4
10-Ne-24
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,p)
(n,d)
(n,t)
(n,α)
(n,2α)


MAT 1037
(γ,n') Levels
10-Ne-24
0 Kelvin Cross Sections
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
10-Ne-24


MAT 1037
(γ,p) Levels
10-Ne-24
0 Kelvin Cross Sections
Cross Section (barns)
10^-4
10^-5
10^-6
10^-7
(n,p)
2
3
4
5
6
7
8
9
10^2
2
6
Incident Energy (MeV)
10-Ne-24


MAT 1037
(γ,d) Levels
10-Ne-24
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-5
9
8
7
6
5
4
3
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
7
10-Ne-24


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


MAT 1037
(γ,α) Levels
10-Ne-24
0 Kelvin Cross Sections
Cross Section (barns)
10-4
10-6
10-8
10-10
(n,α)
(n,2α)
2
3
4
5
6
7
8
9
10^2
2
9
Incident Energy (MeV)
10-Ne-24