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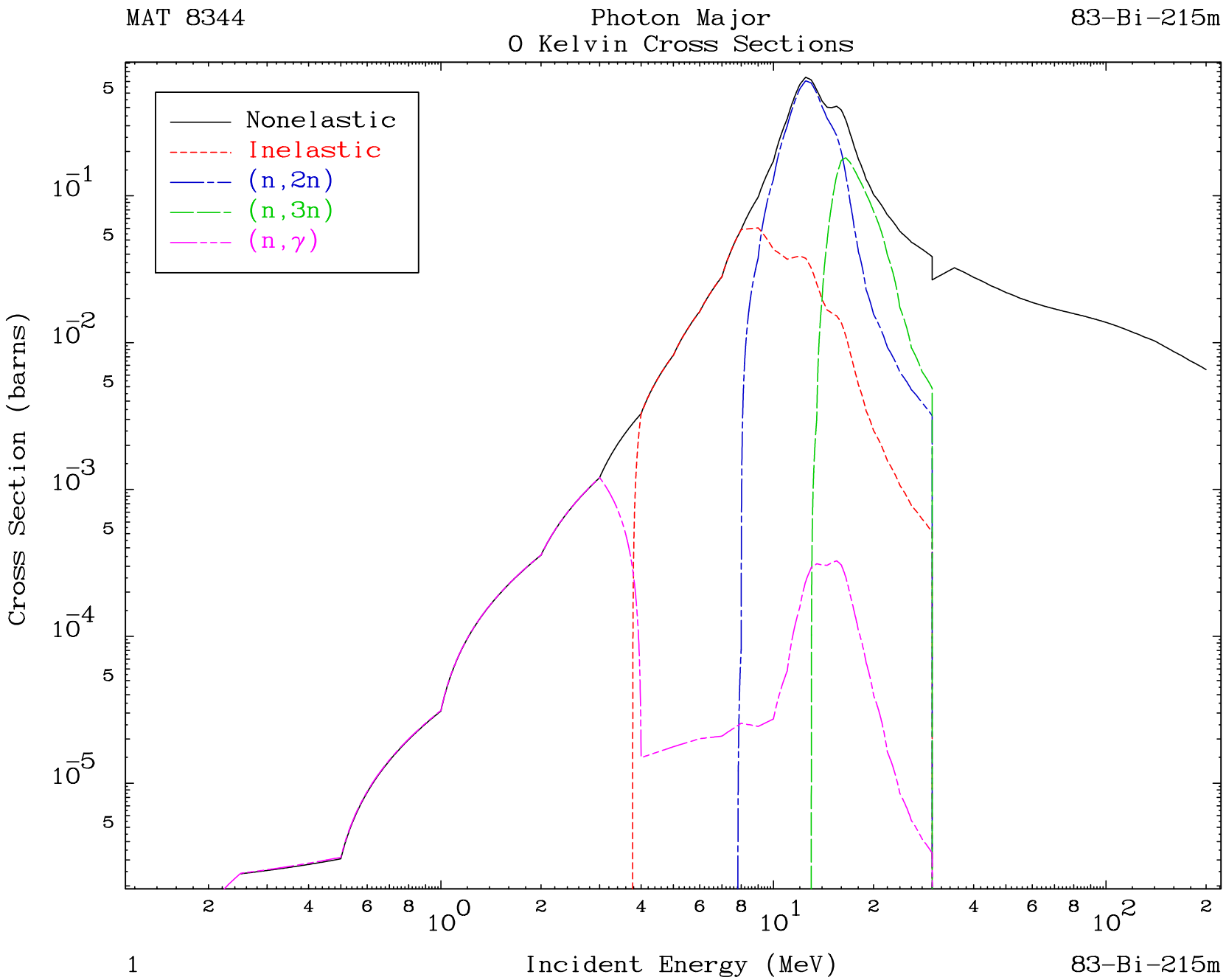
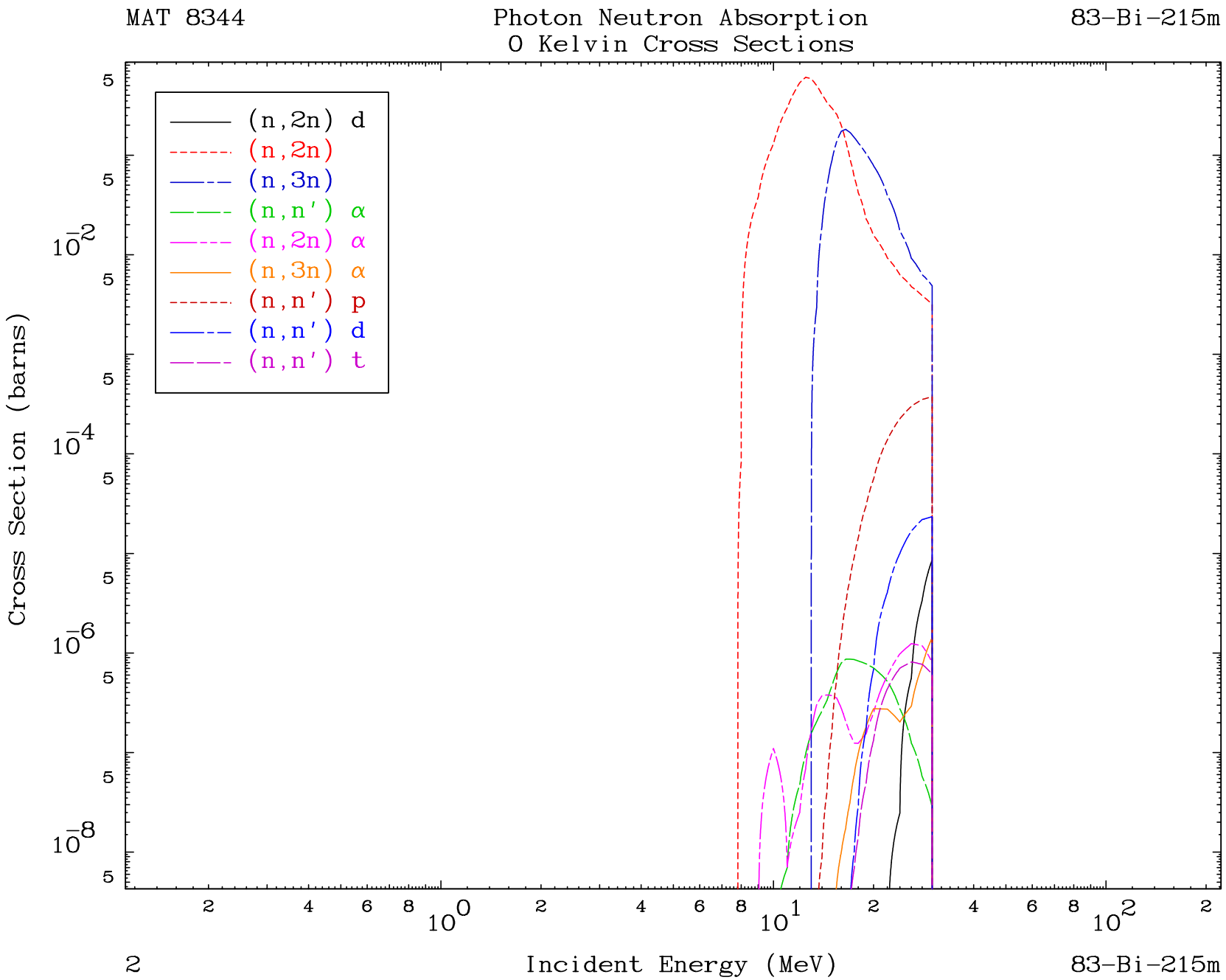
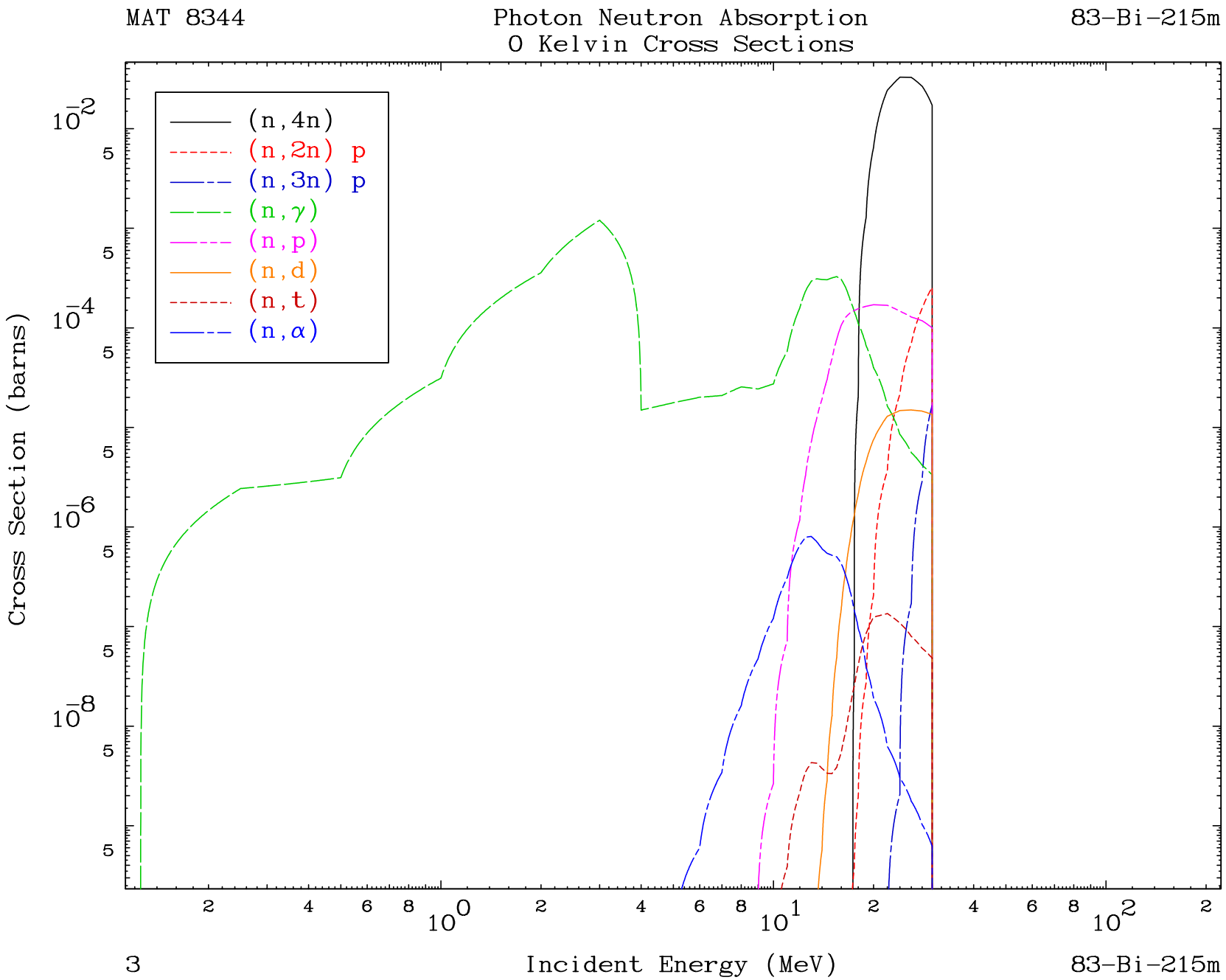
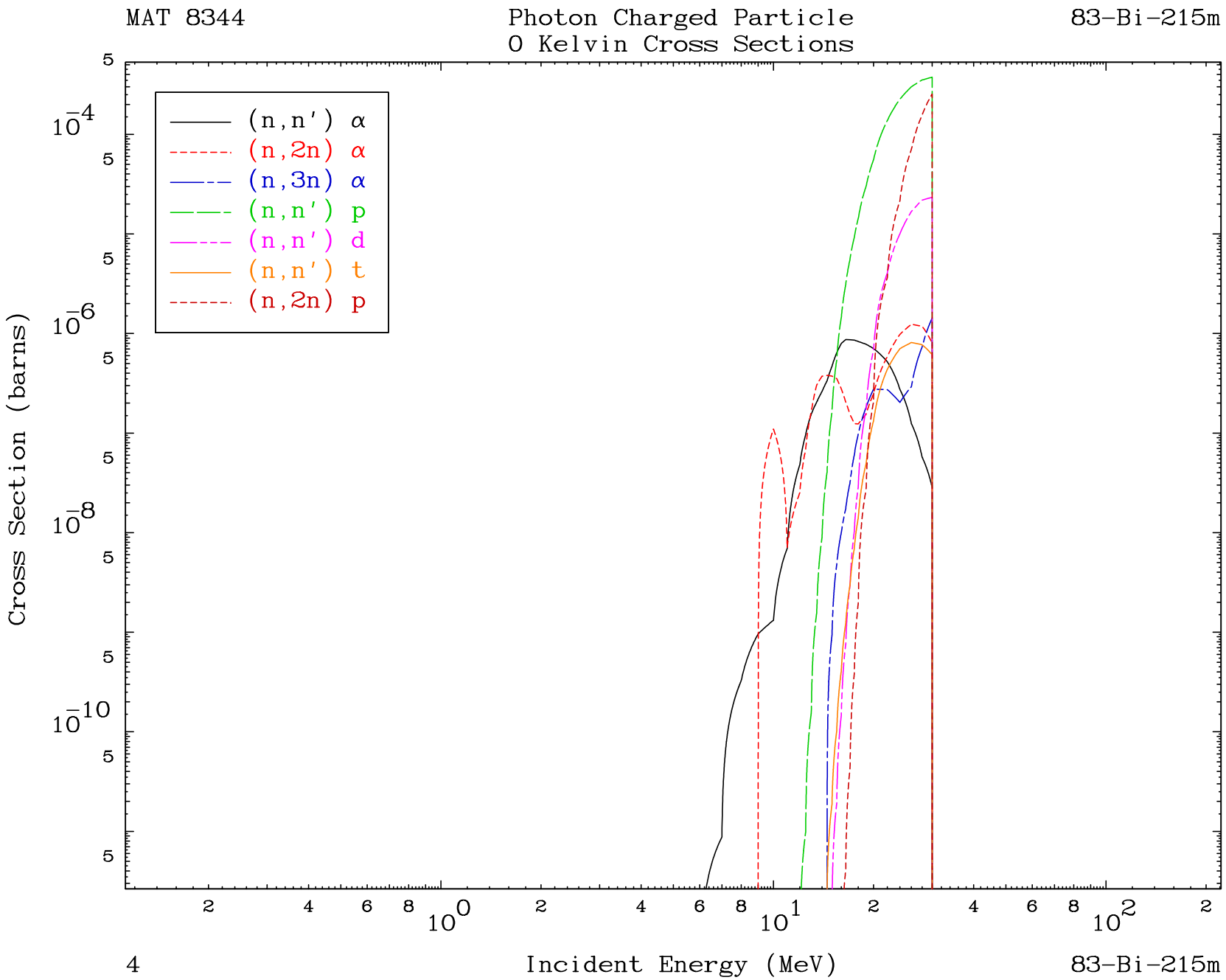
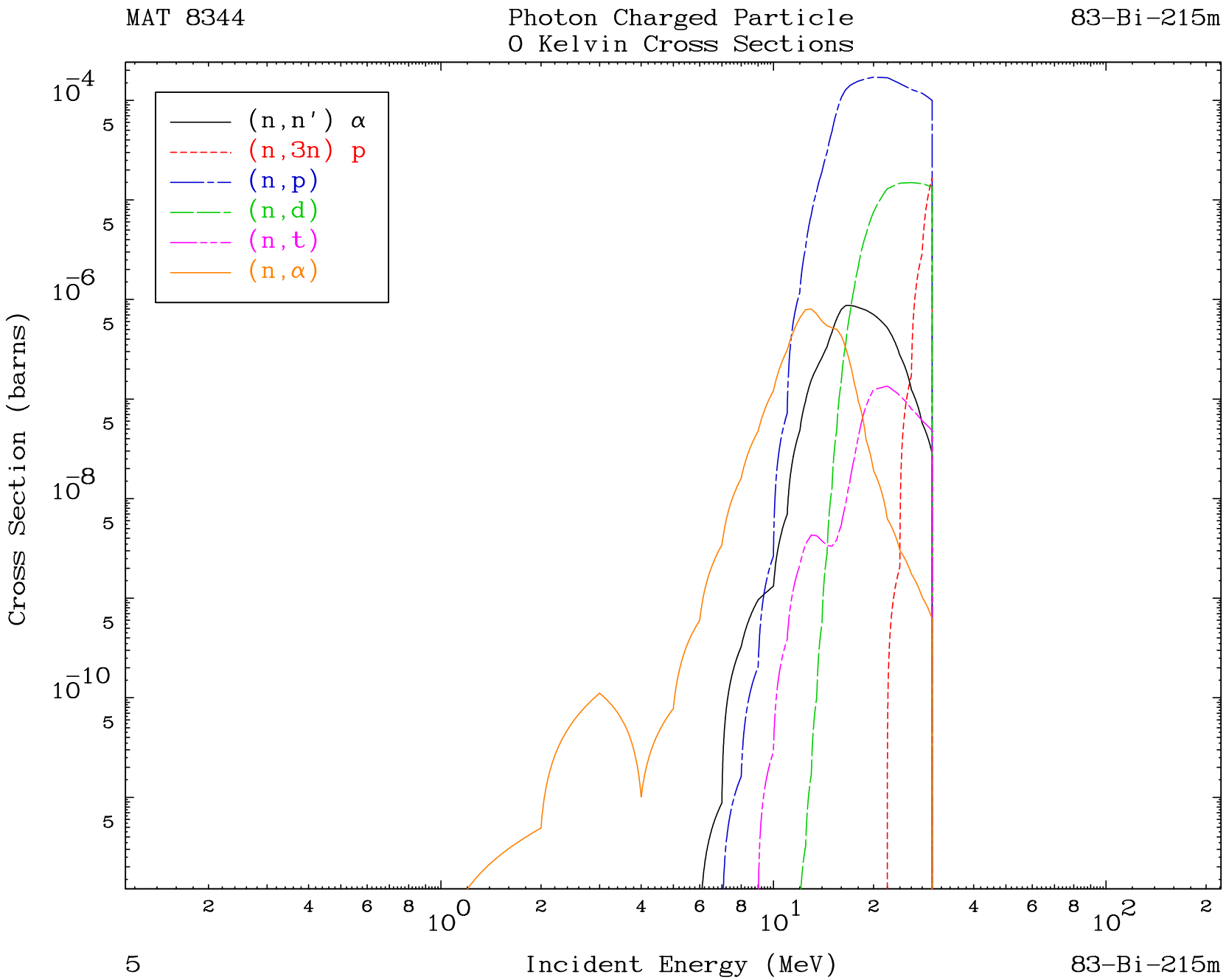
Press Mouse Button to Start

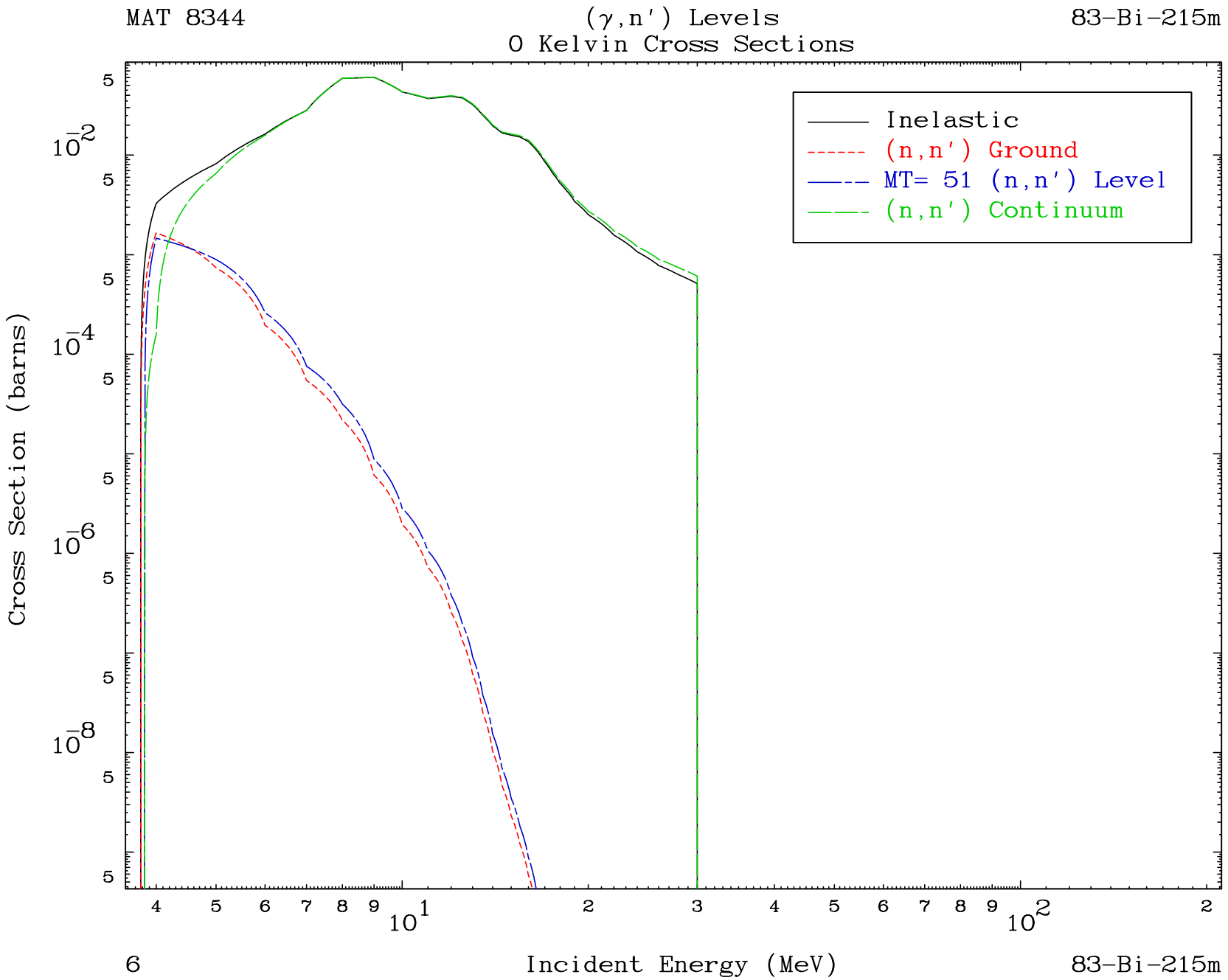

MAT 8344
Photon Major
0 Kelvin Cross Sections
83-Bi-215m
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
83-Bi-215m

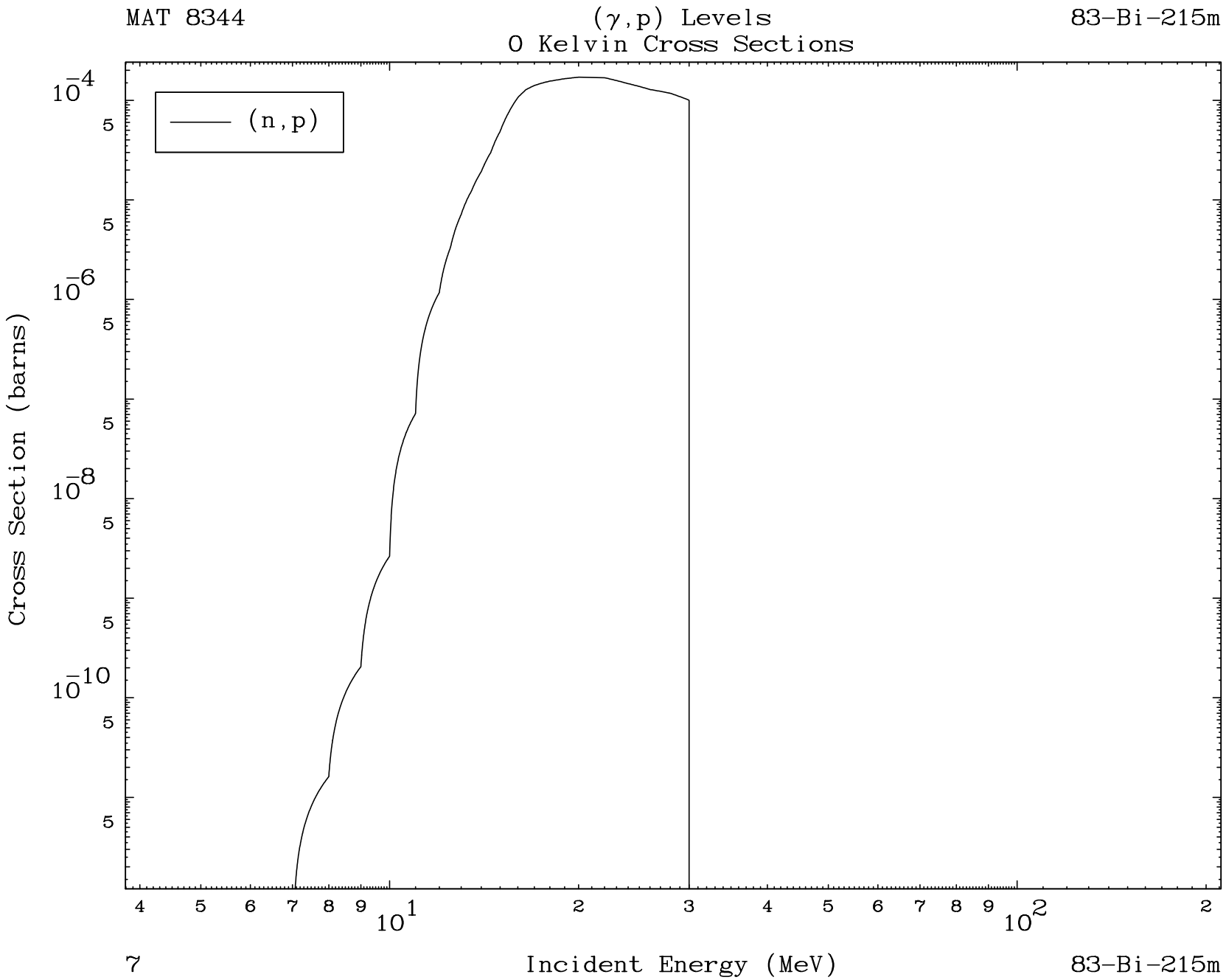

MAT 8344
Photon Neutron Absorption
0 Kelvin Cross Sections
83-Bi-215m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
83-Bi-215m

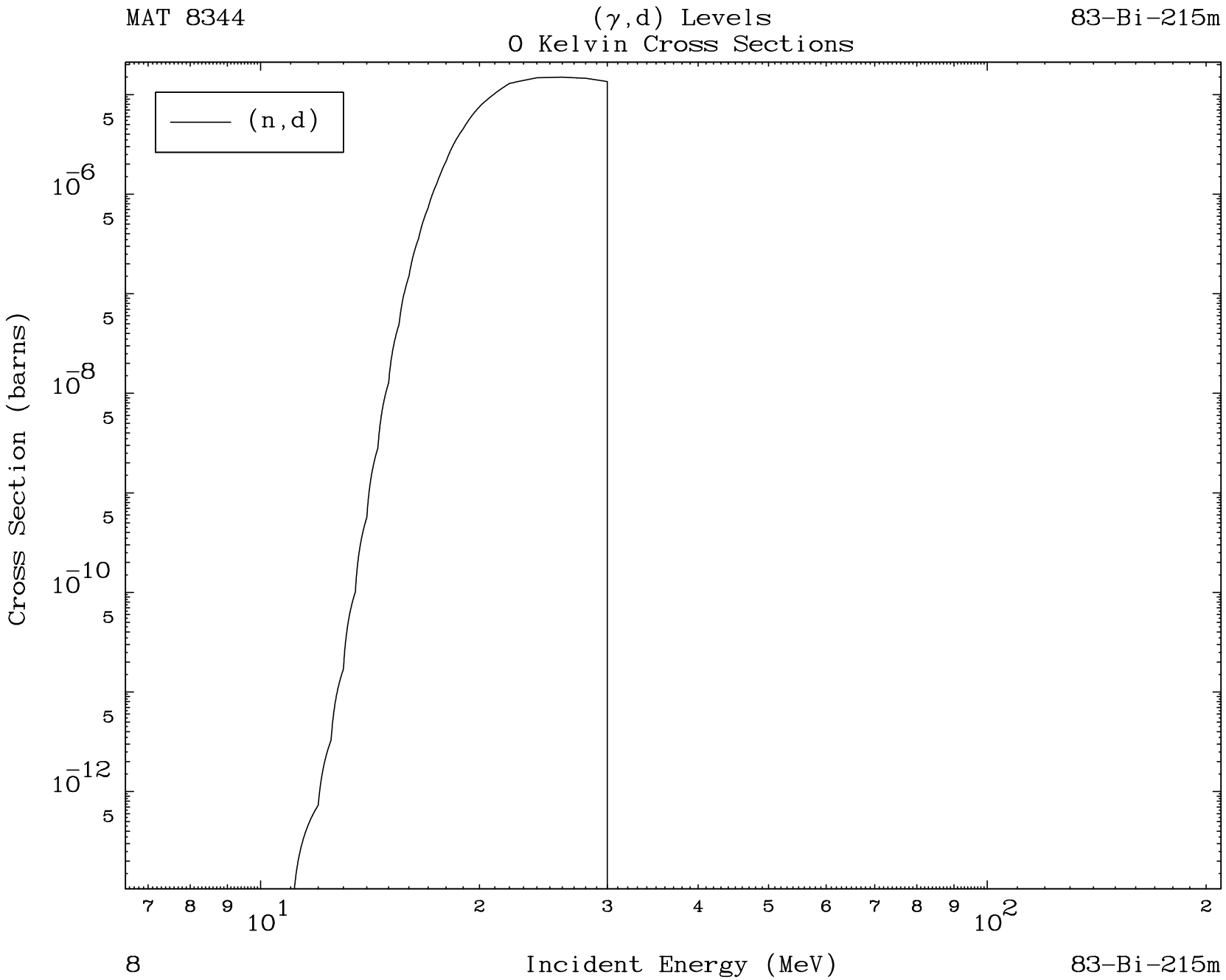

MAT 8344
Photon Neutron Absorption
0 Kelvin Cross Sections
83-Bi-215m
(n,4n)
(n,2n) p
(n,3n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
83-Bi-215m

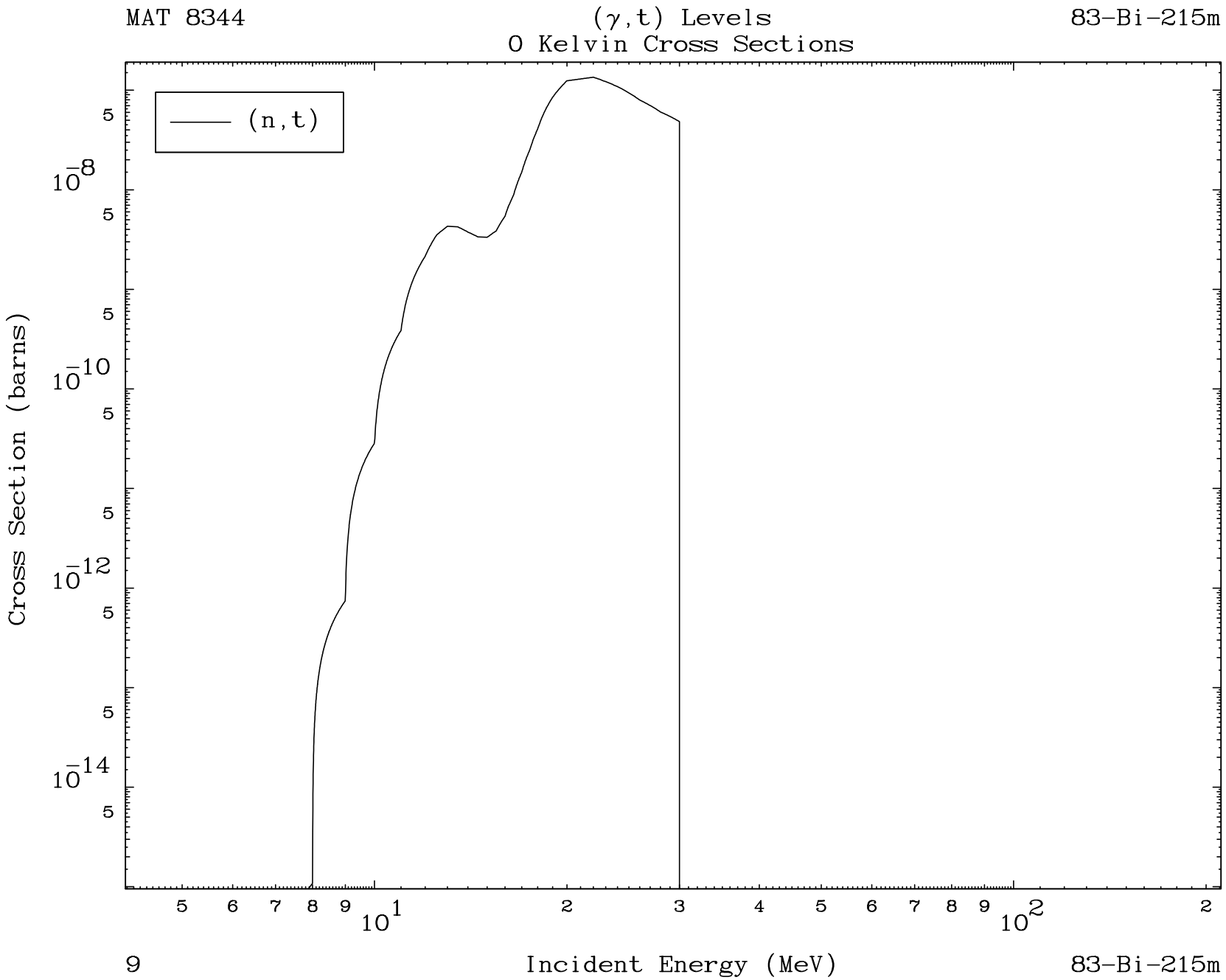

MAT 8344
Photon Charged Particle
0 Kelvin Cross Sections
83-Bi-215m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
4
83-Bi-215m

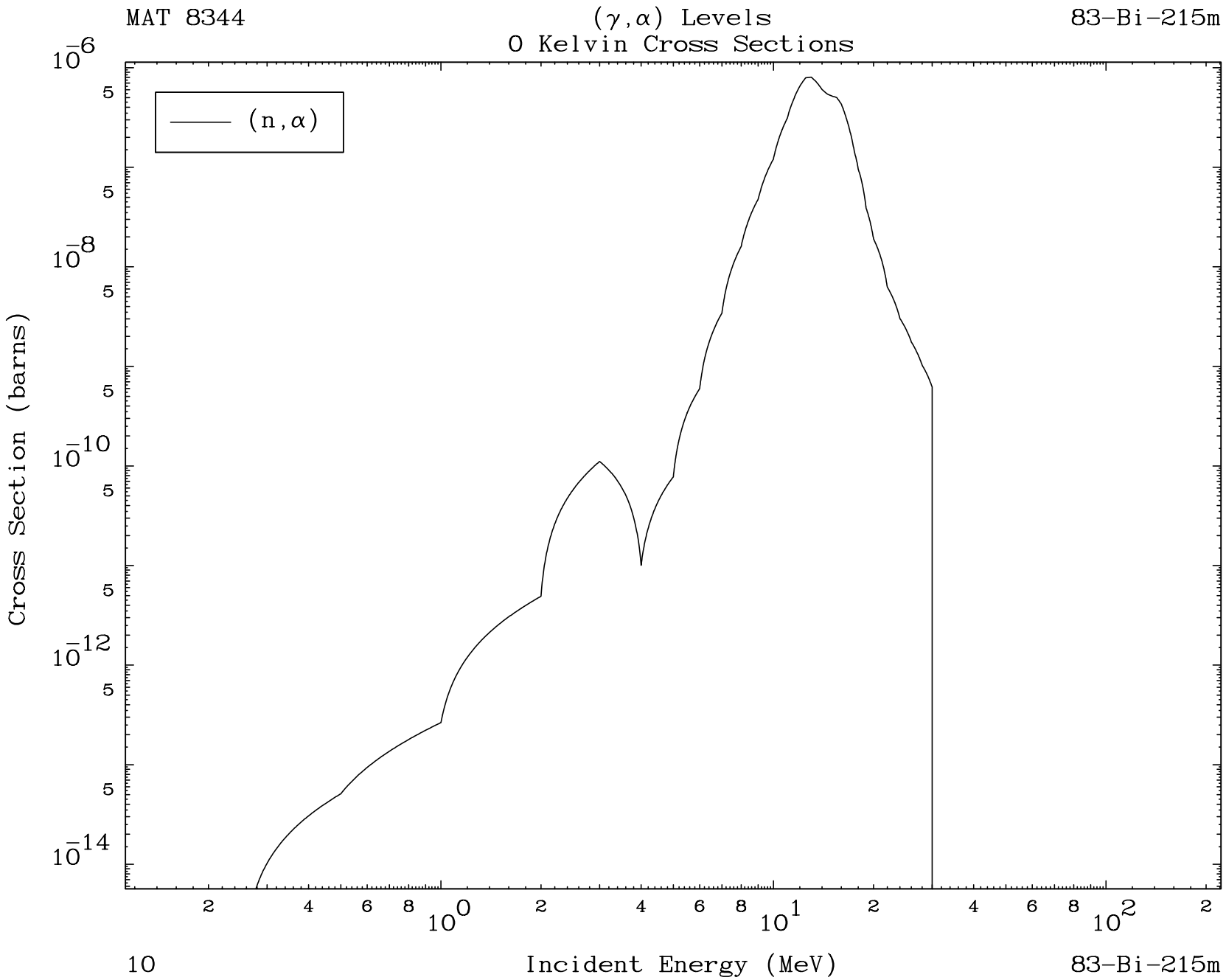

MAT 8344
Photon Charged Particle
0 Kelvin Cross Sections
83-Bi-215m
(n,n') α
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
83-Bi-215m
5

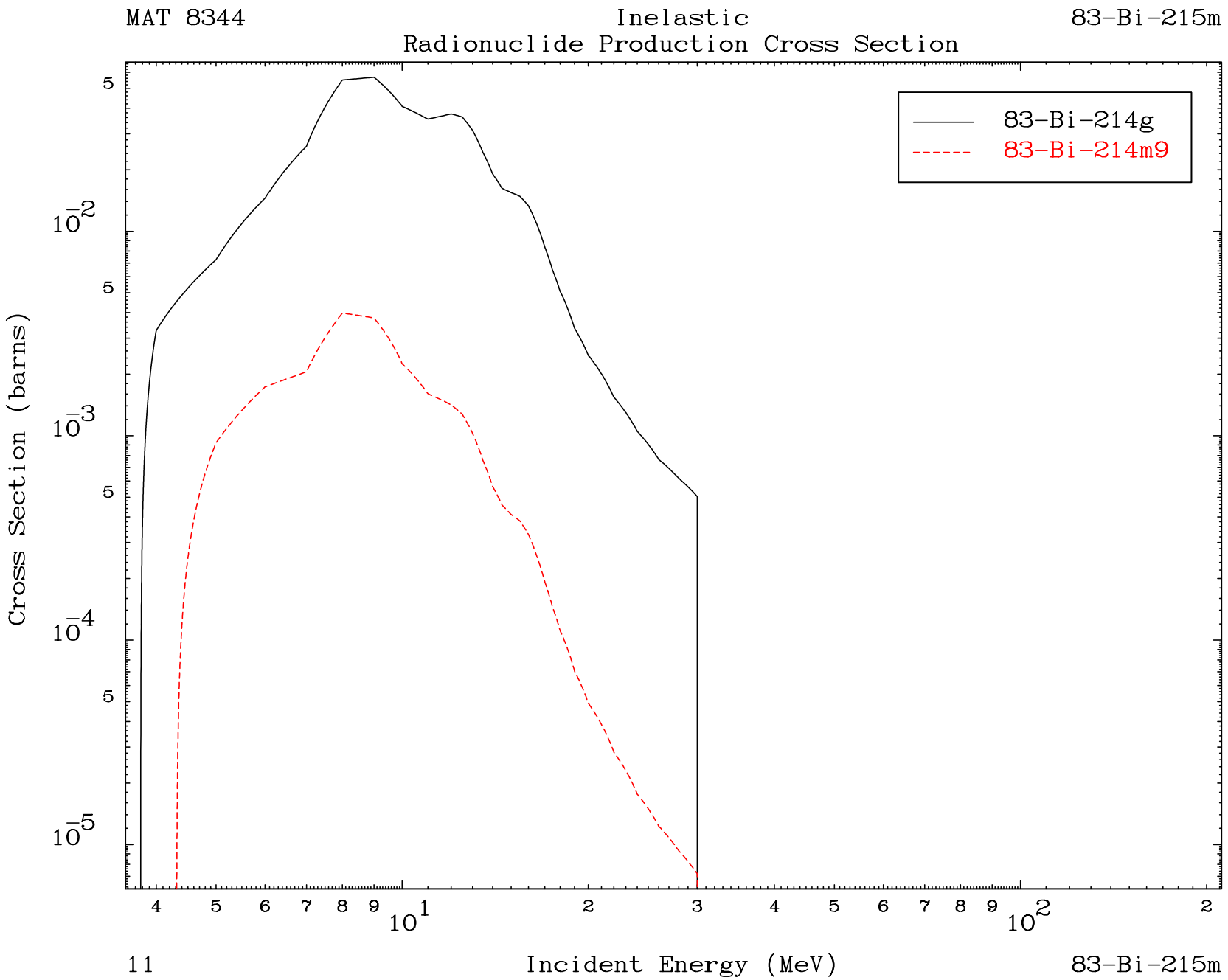

MAT 8344
(γ,n') Levels
0 Kelvin Cross Sections
83-Bi-215m
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
6
83-Bi-215m

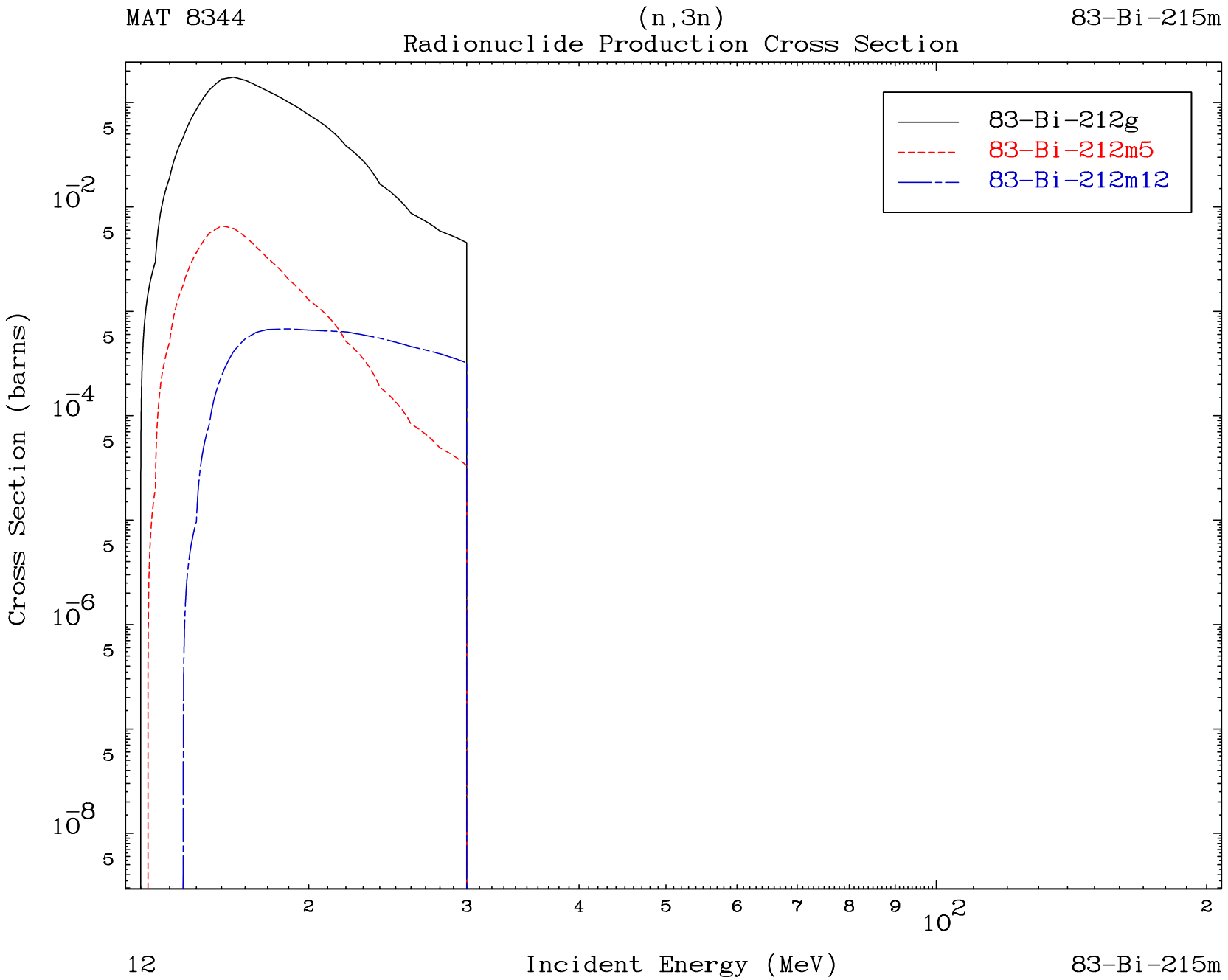

MAT 8344
(γ,p) Levels
83-Bi-215m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
7
83-Bi-215m

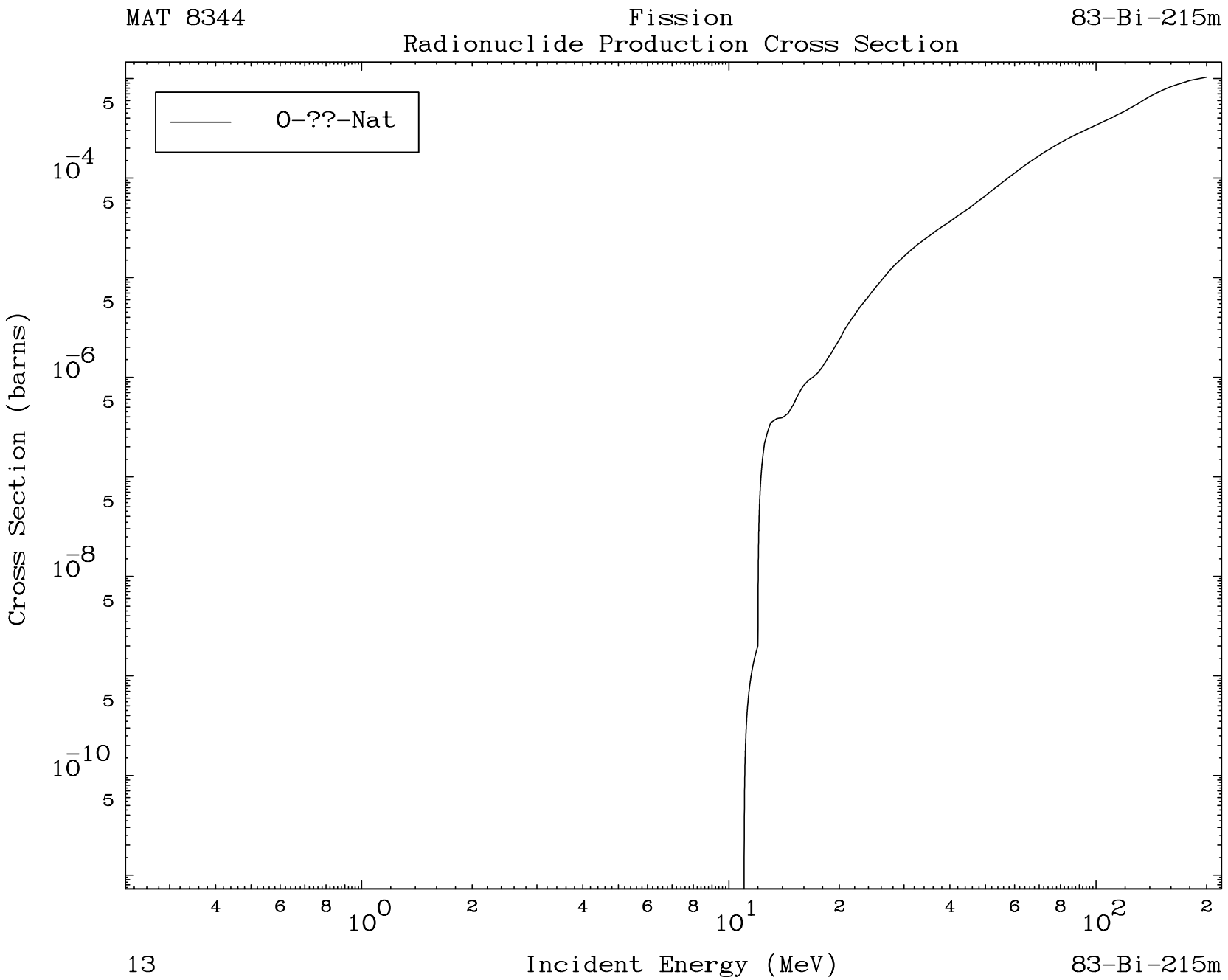

MAT 8344
(γ,d) Levels
83-Bi-215m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
8
83-Bi-215m

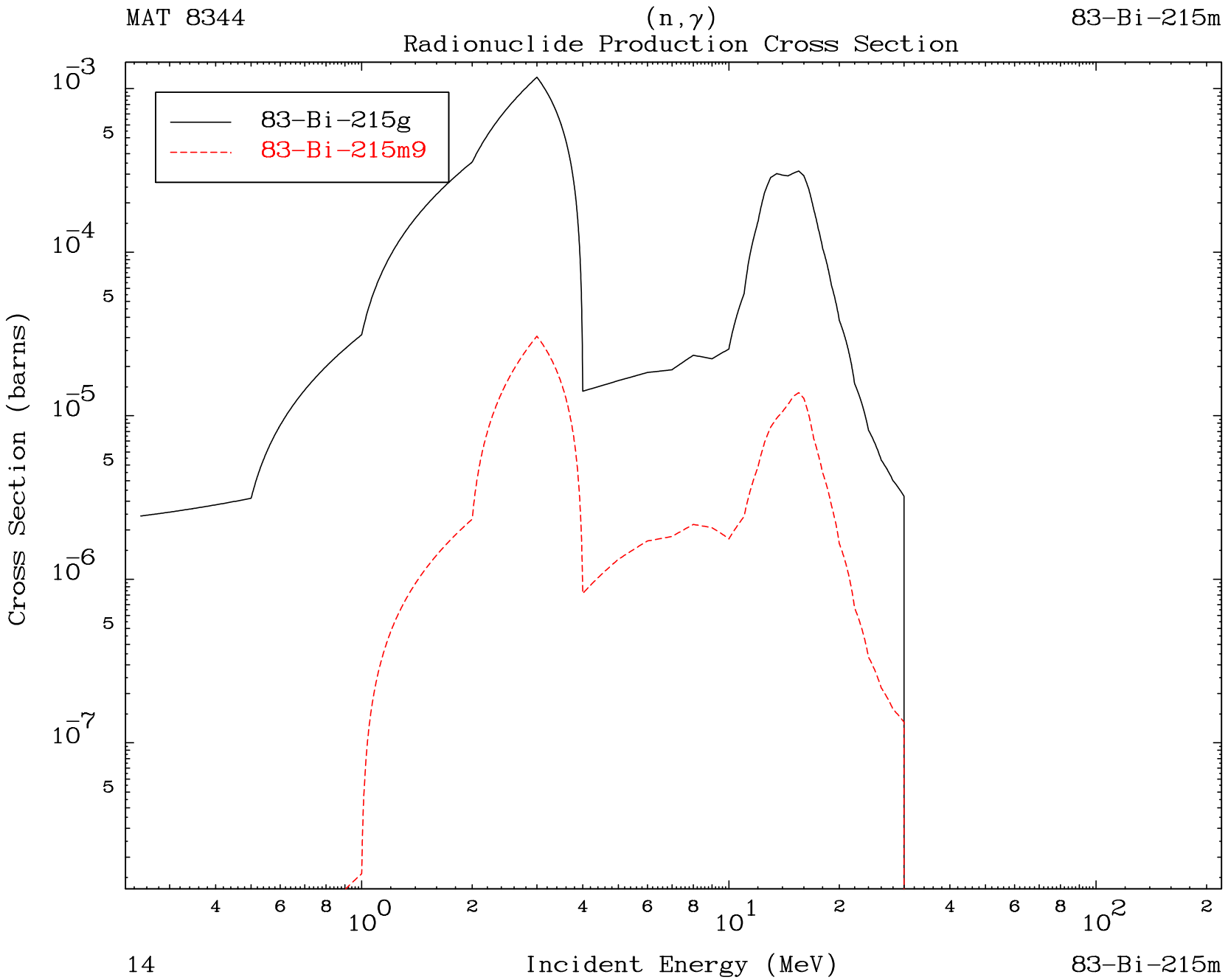

MAT 8344
(γ,t) Levels
83-Bi-215m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-8
10-10
10-12
10-14
5
5
5
5
5
5
5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
9
83-Bi-215m


MAT 8344
(γ,α) Levels
83-Bi-215m
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
Incident Energy (MeV)
83-Bi-215m
10


MAT 8344
Inelastic
83-Bi-215m
Radionuclide Production Cross Section
83-Bi-214g
83-Bi-214m9
Cross Section (barns)
Incident Energy (MeV)
11
83-Bi-215m


MAT 8344
(n,3n)
83-Bi-215m
Radionuclide Production Cross Section
83-Bi-212g
83-Bi-212m5
83-Bi-212m12
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
83-Bi-215m


MAT 8344
Fission
83-Bi-215m
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
13
83-Bi-215m


MAT 8344
(n,γ)
83-Bi-215m
Radionuclide Production Cross Section
83-Bi-215g
83-Bi-215m9
Cross Section (barns)
Incident Energy (MeV)
14
83-Bi-215m