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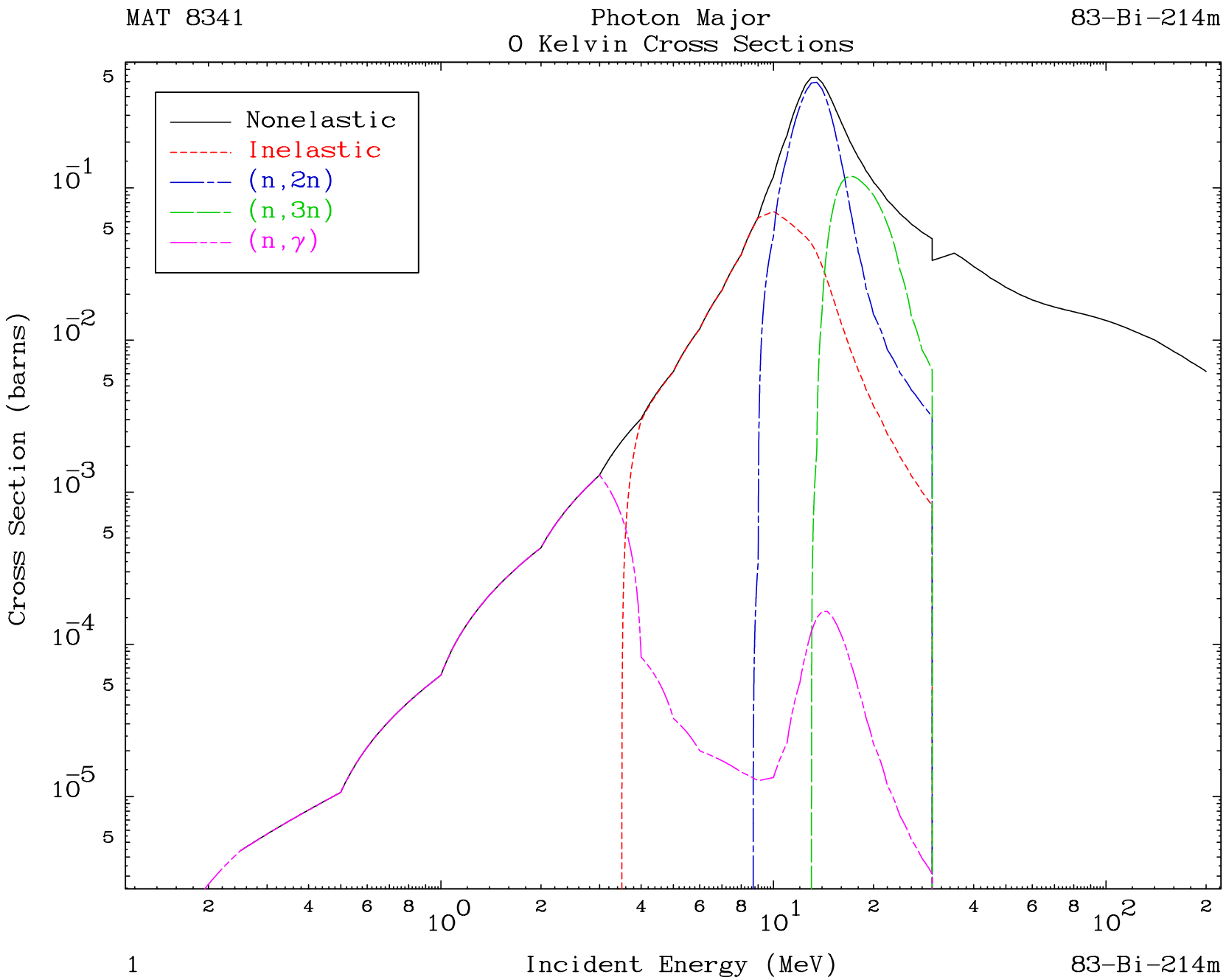
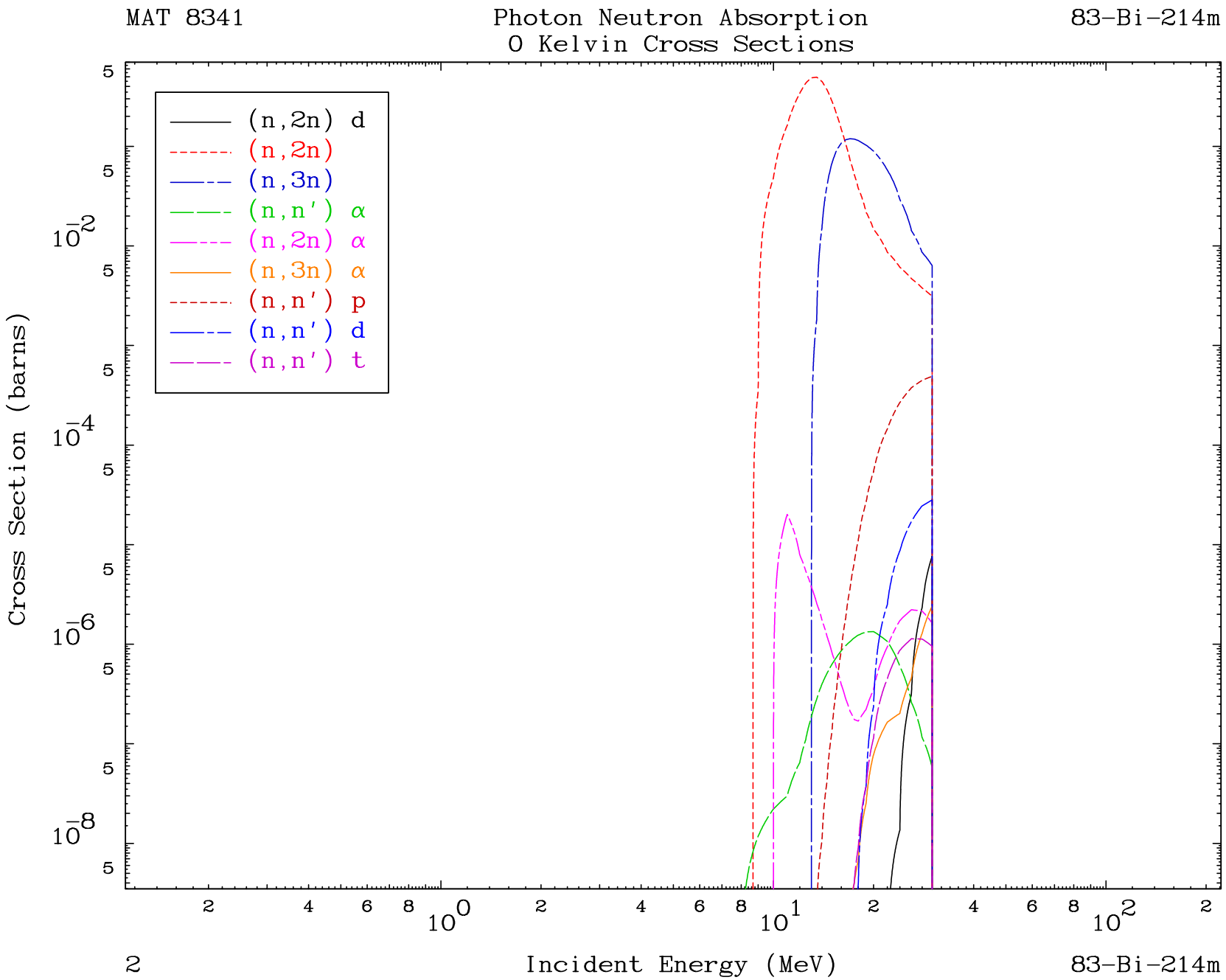
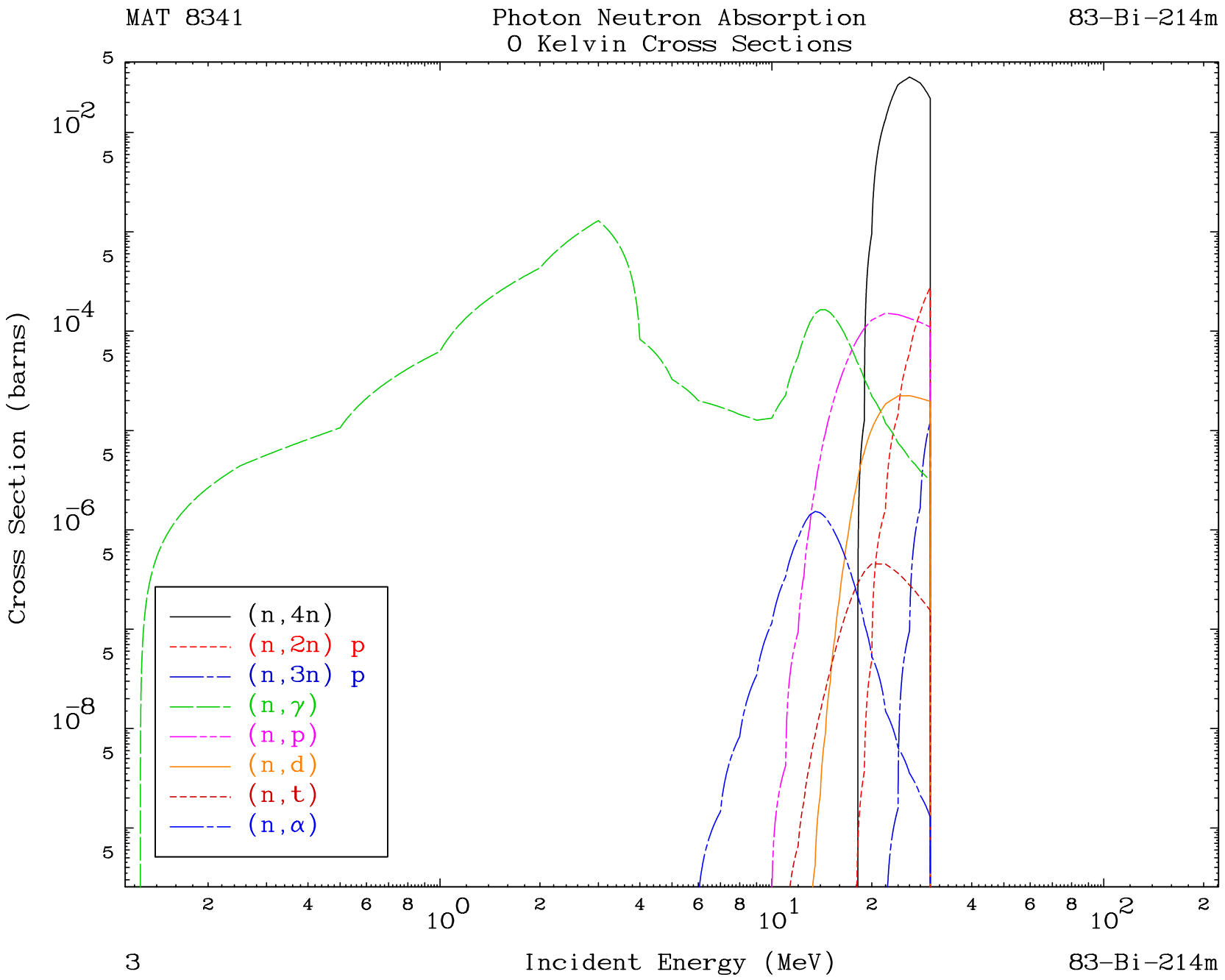
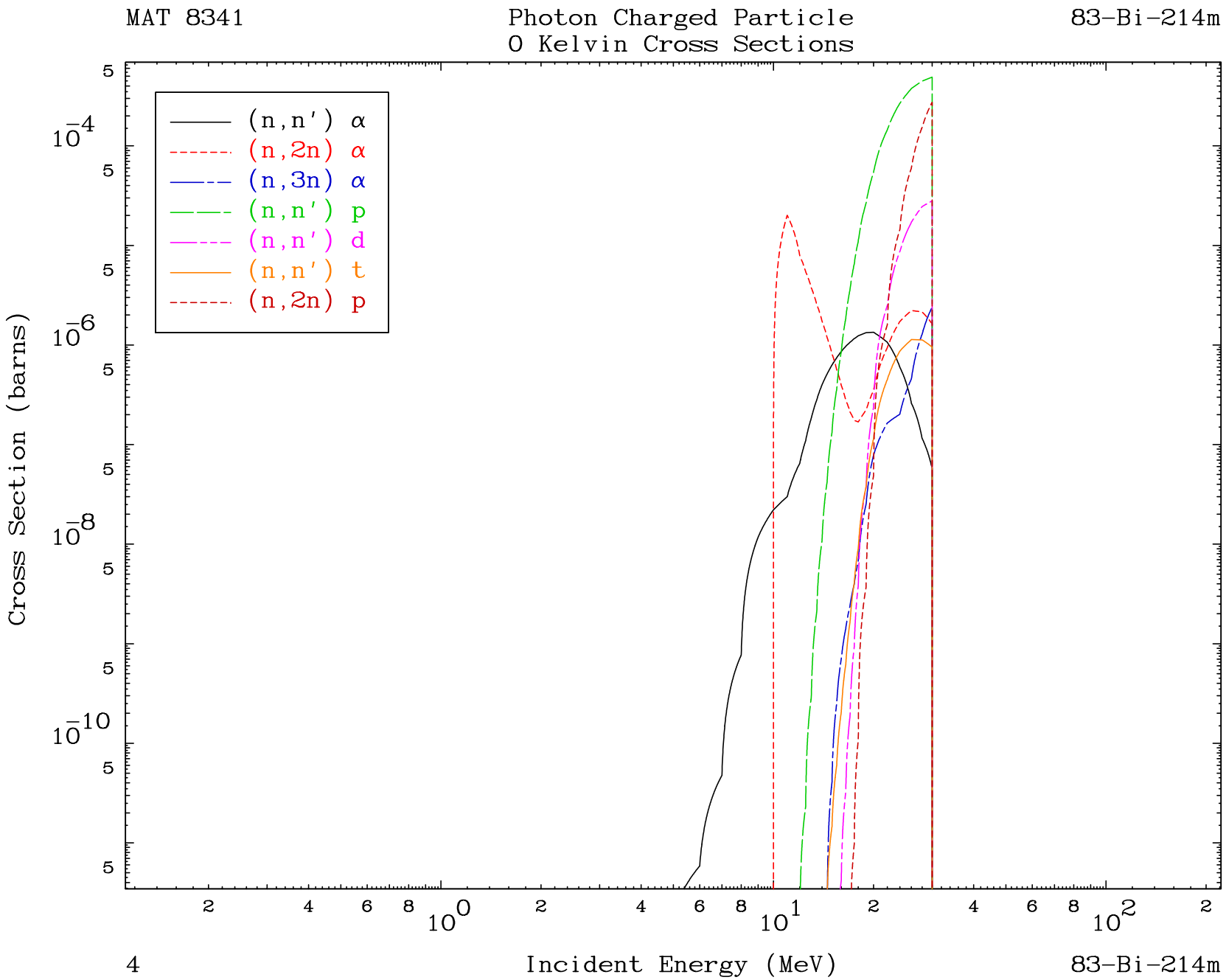
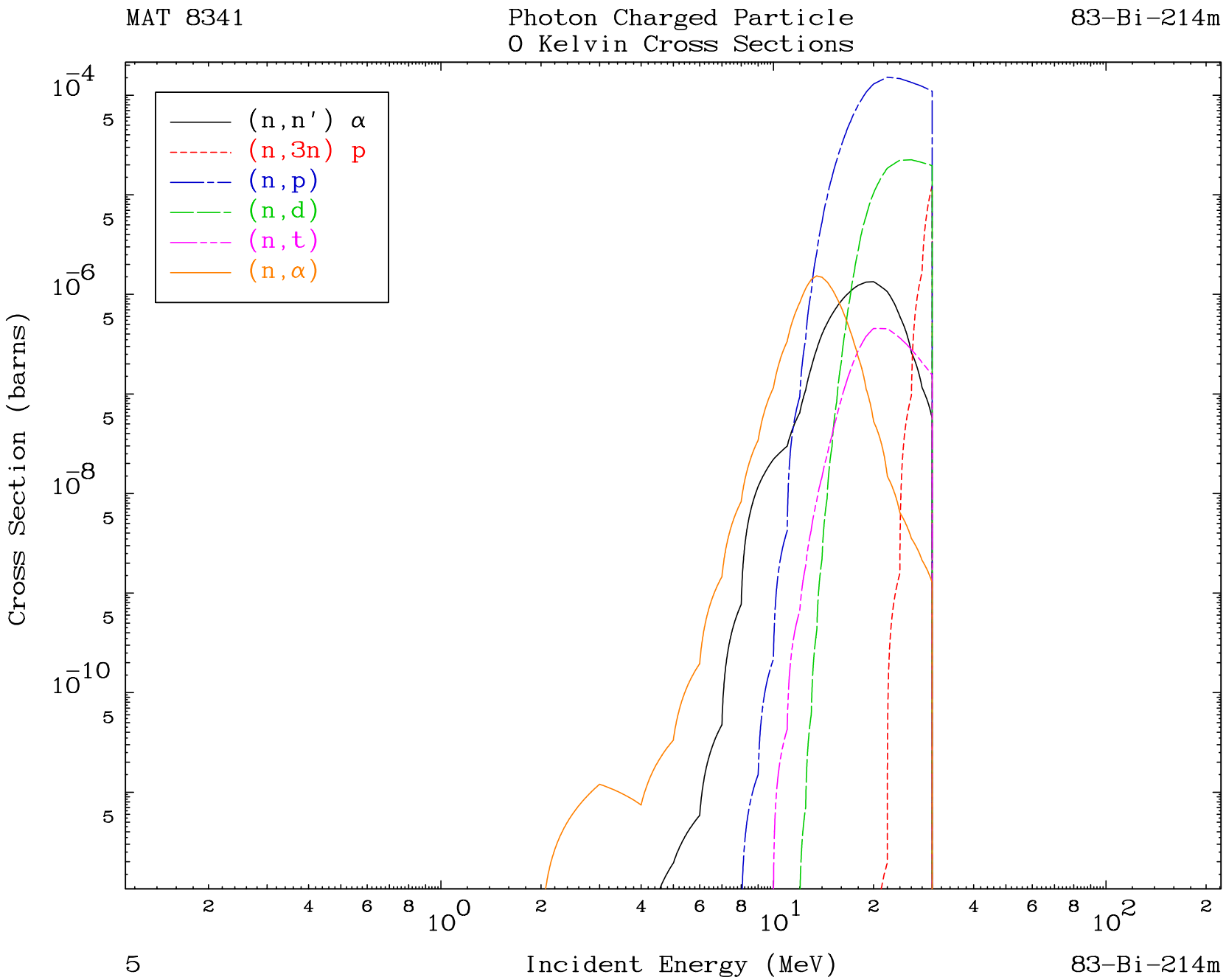
Press Mouse Button to Start

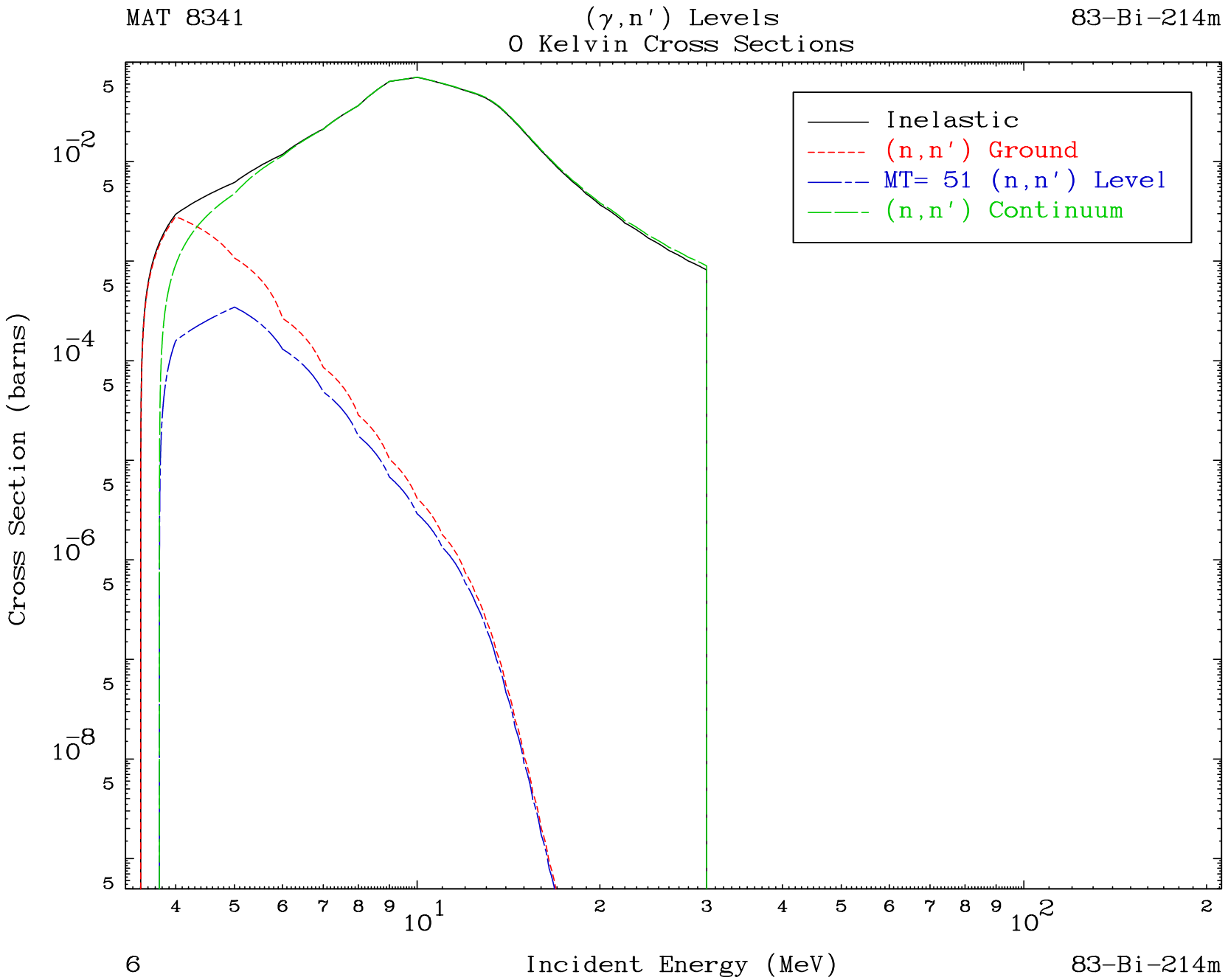

MAT 8341
Photon Major
0 Kelvin Cross Sections
83-Bi-214m
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
83-Bi-214m

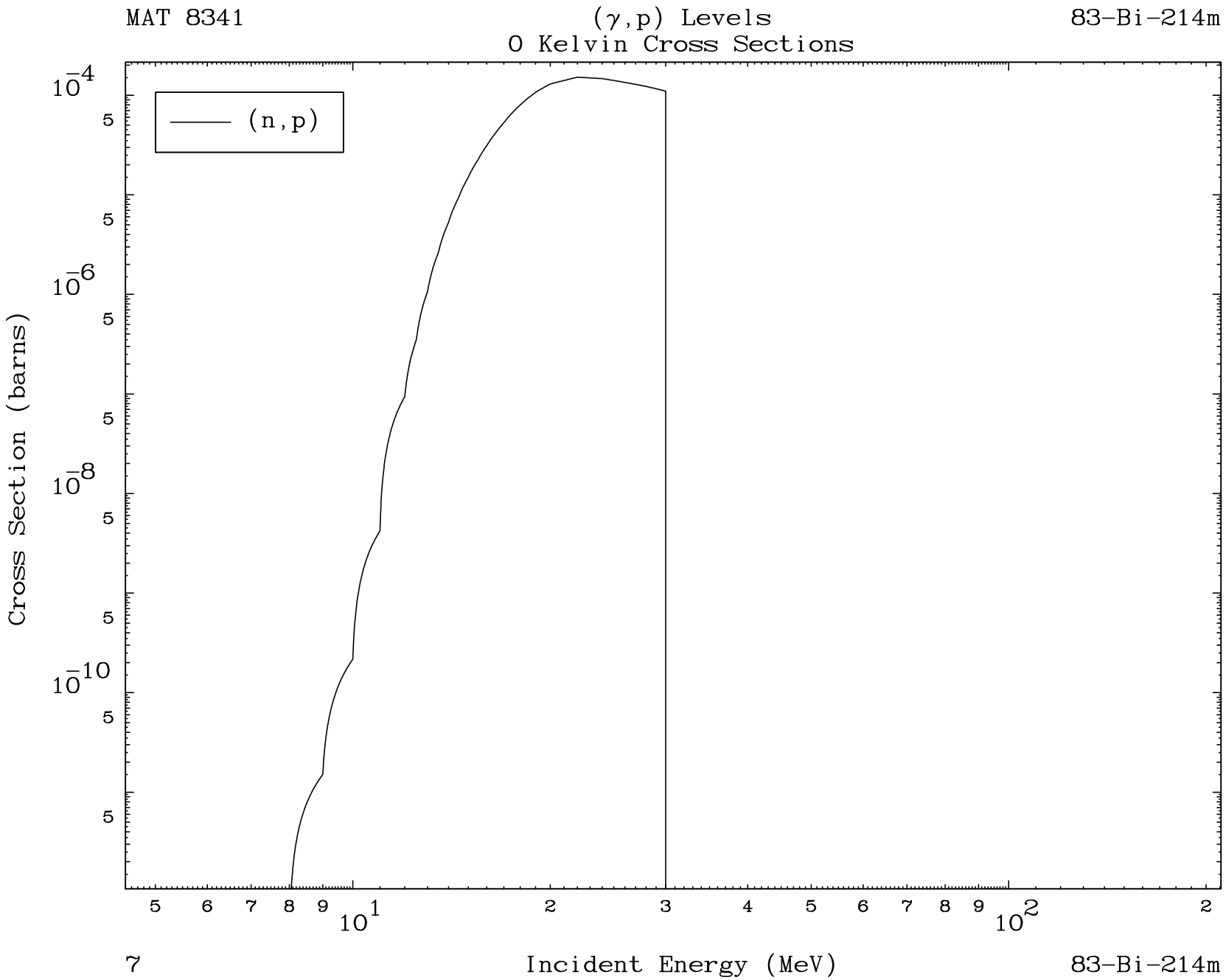

MAT 8341
Photon Neutron Absorption
0 Kelvin Cross Sections
83-Bi-214m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
83-Bi-214m

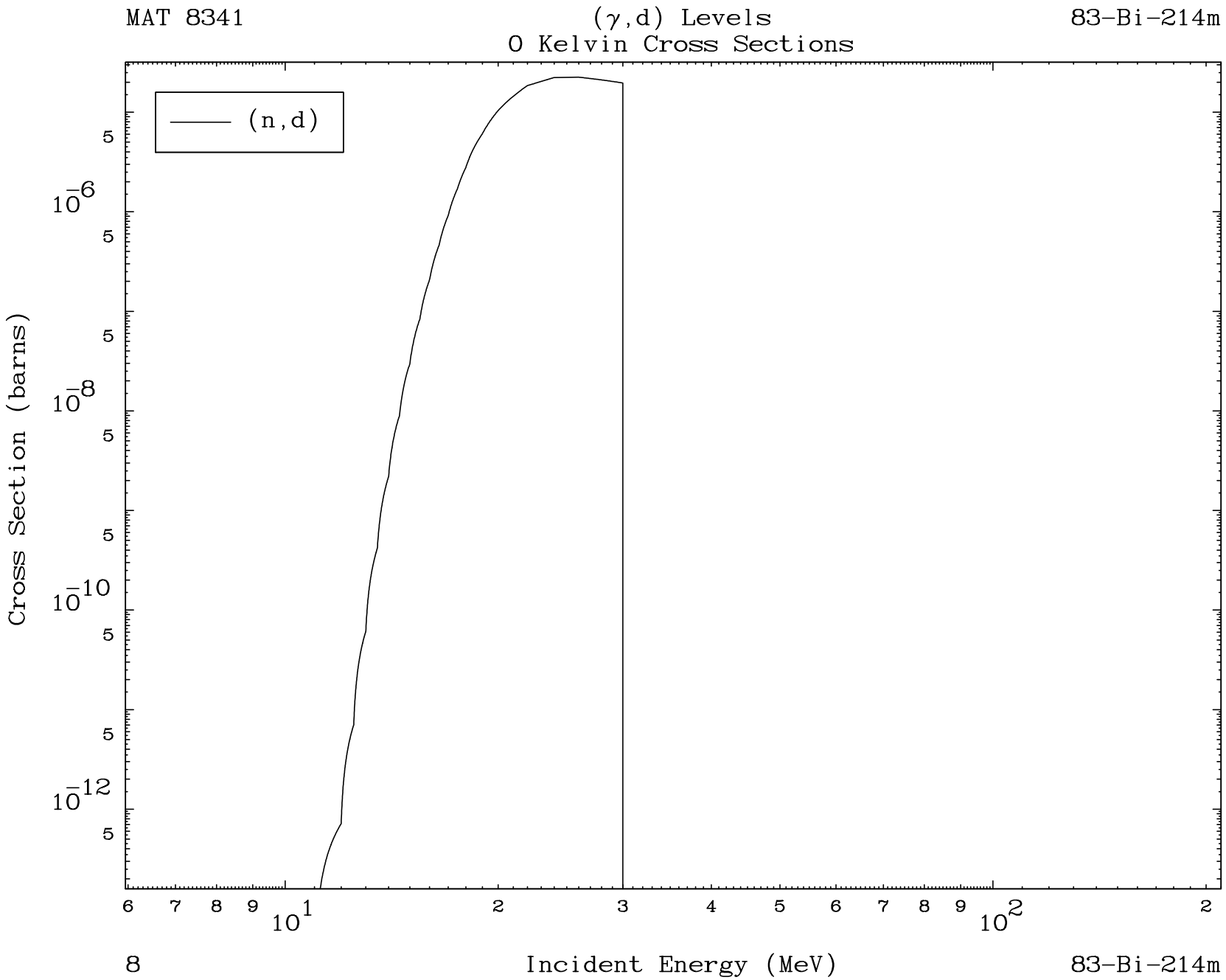

MAT 8341
Photon Neutron Absorption
0 Kelvin Cross Sections
83-Bi-214m
Cross Section (barns)
Incident Energy (MeV)
(n,4n)
(n,2n) p
(n,3n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
3
83-Bi-214m

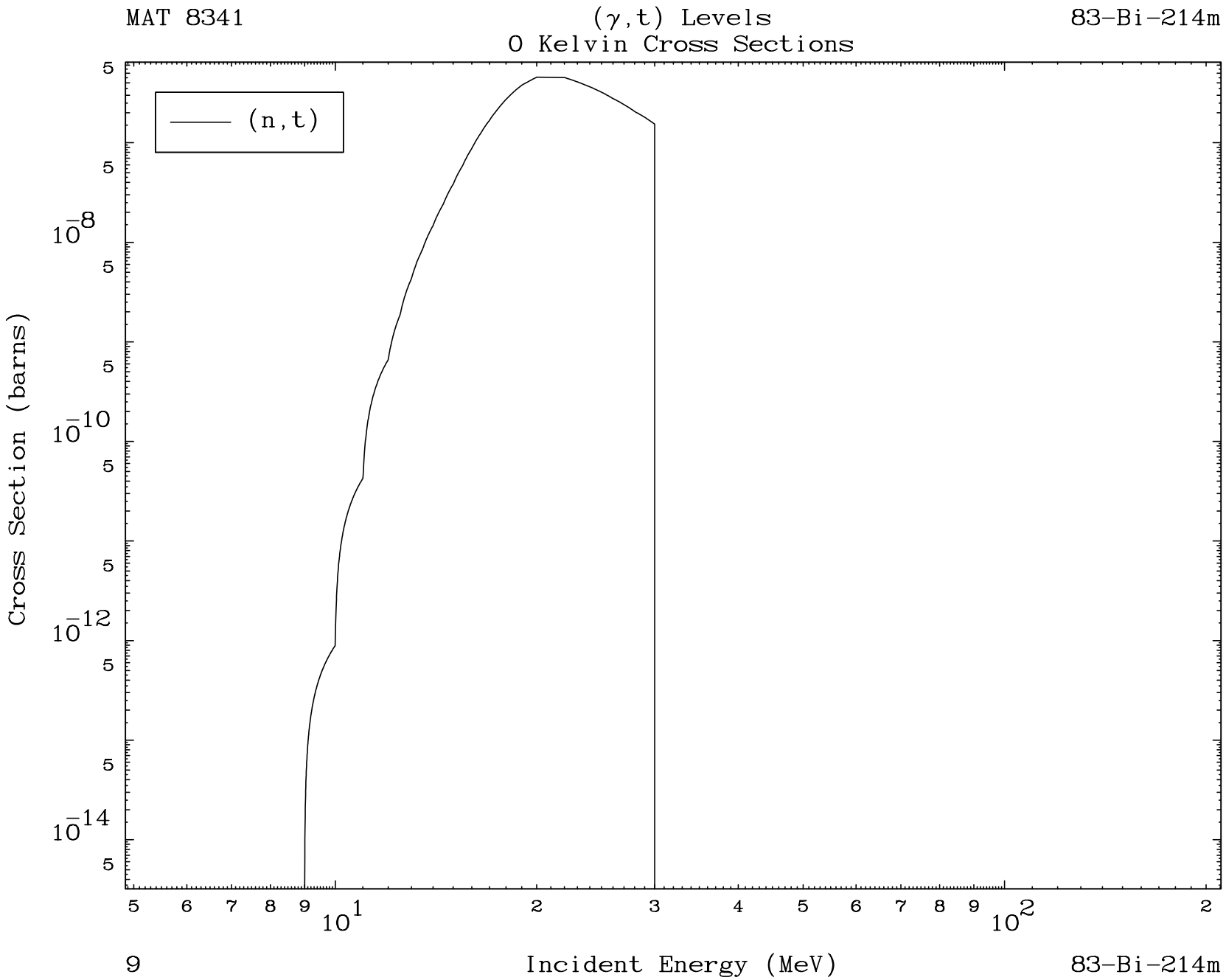

MAT 8341
Photon Charged Particle
0 Kelvin Cross Sections
83-Bi-214m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
4
83-Bi-214m

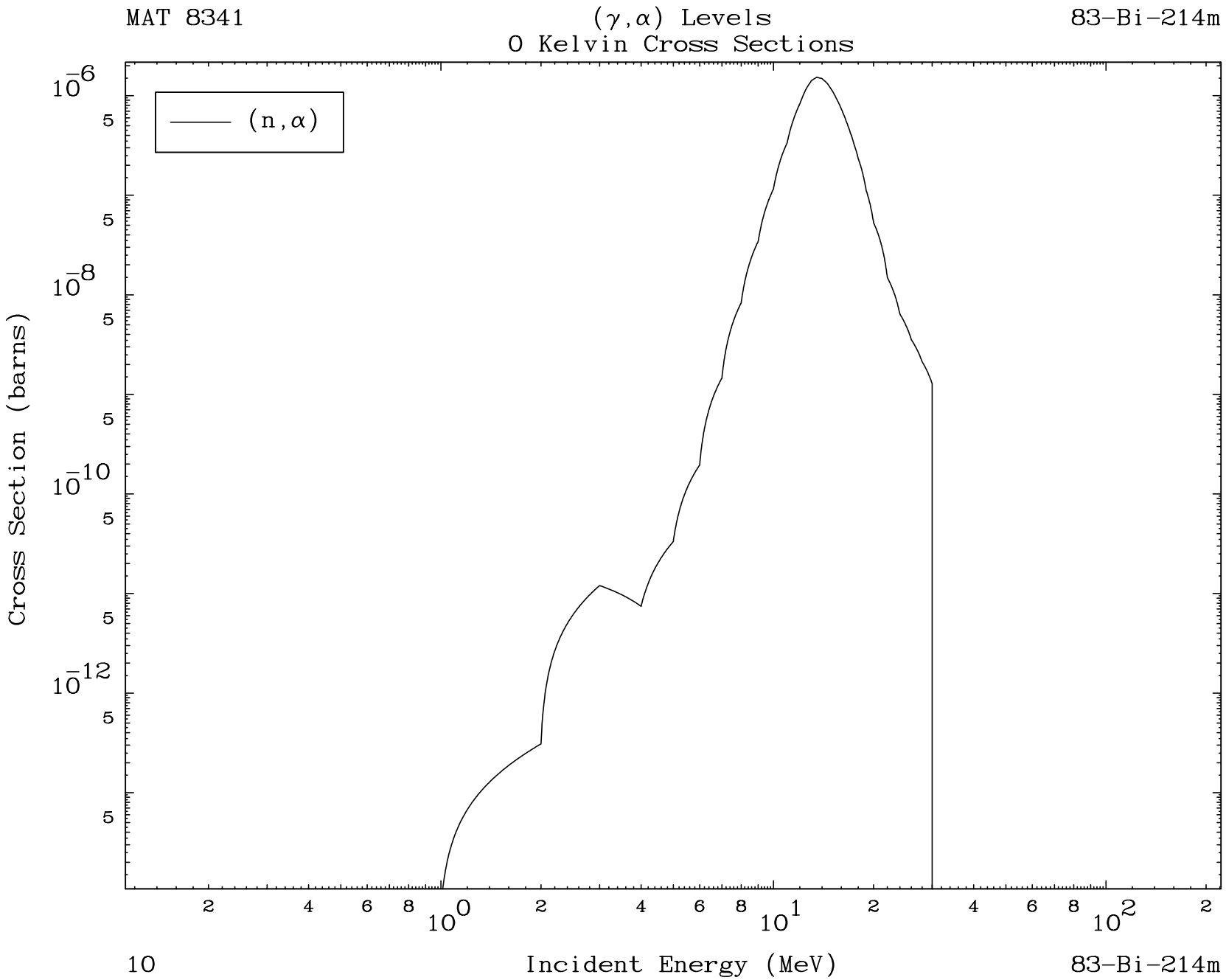

MAT 8341
Photon Charged Particle
0 Kelvin Cross Sections
83-Bi-214m
(n,n') α
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
83-Bi-214m

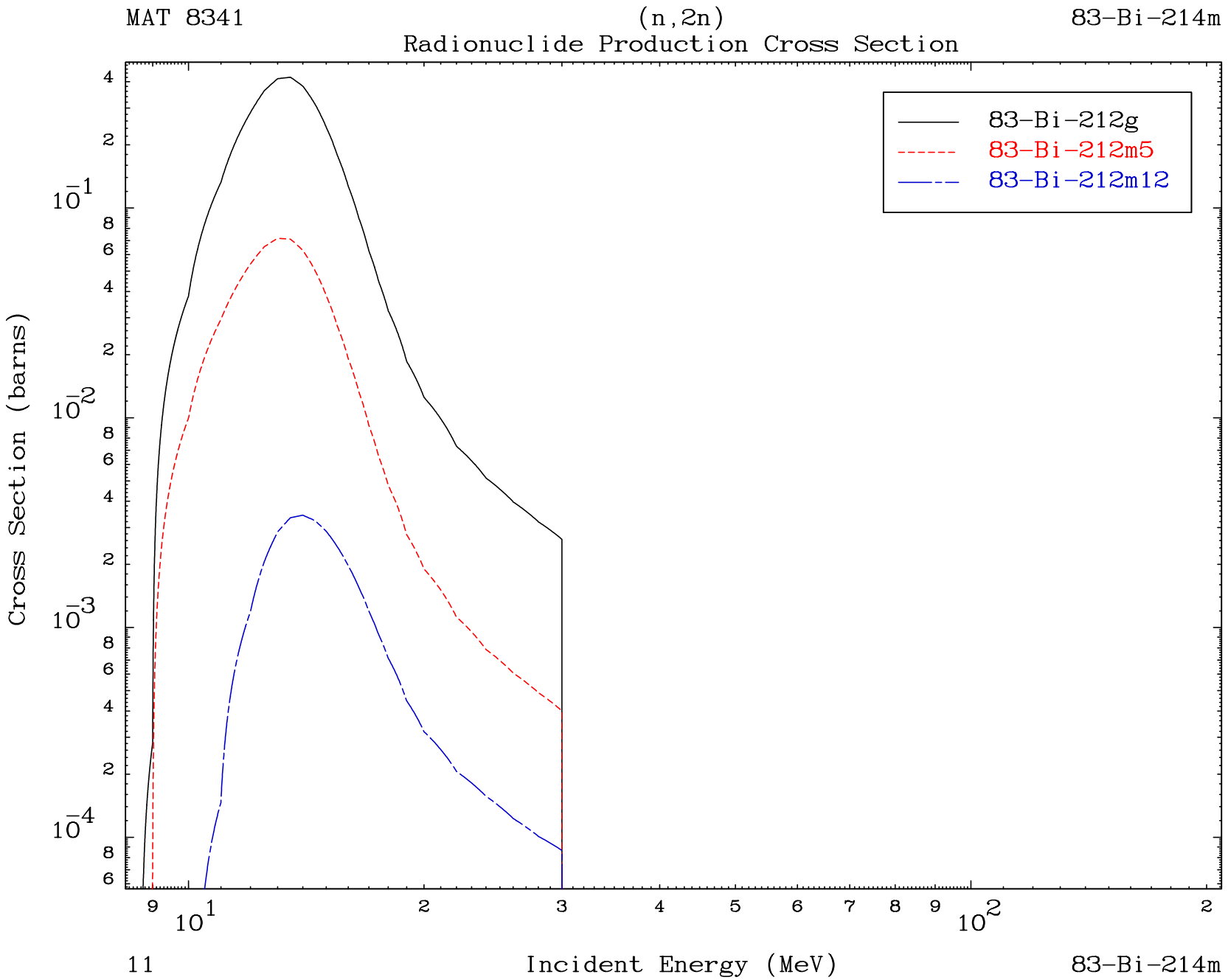

MAT 8341
(γ,n') Levels
0 Kelvin Cross Sections
83-Bi-214m
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
6
83-Bi-214m

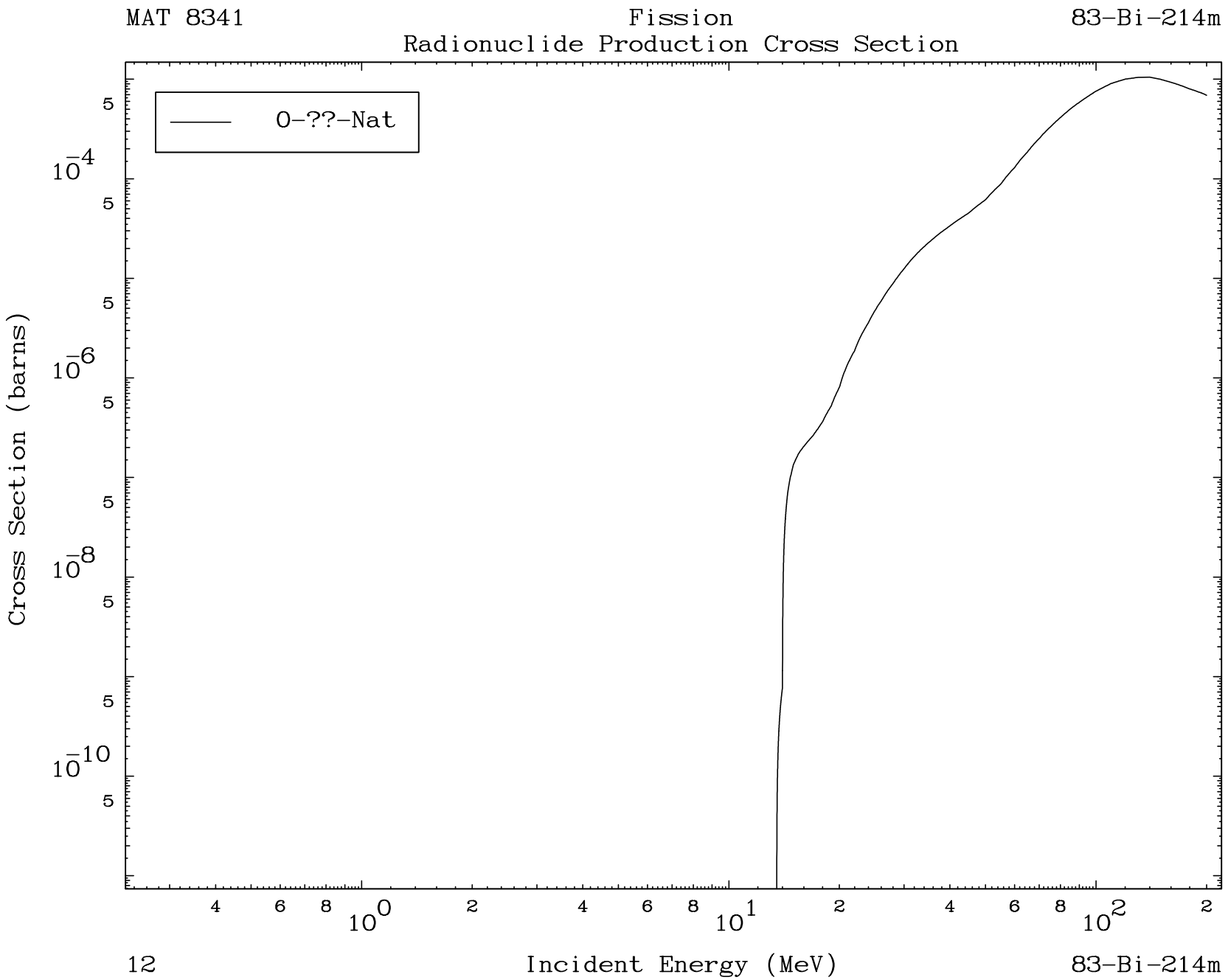

MAT 8341
(γ,p) Levels
83-Bi-214m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
5
5
5
5
5
5
5
5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
7
83-Bi-214m

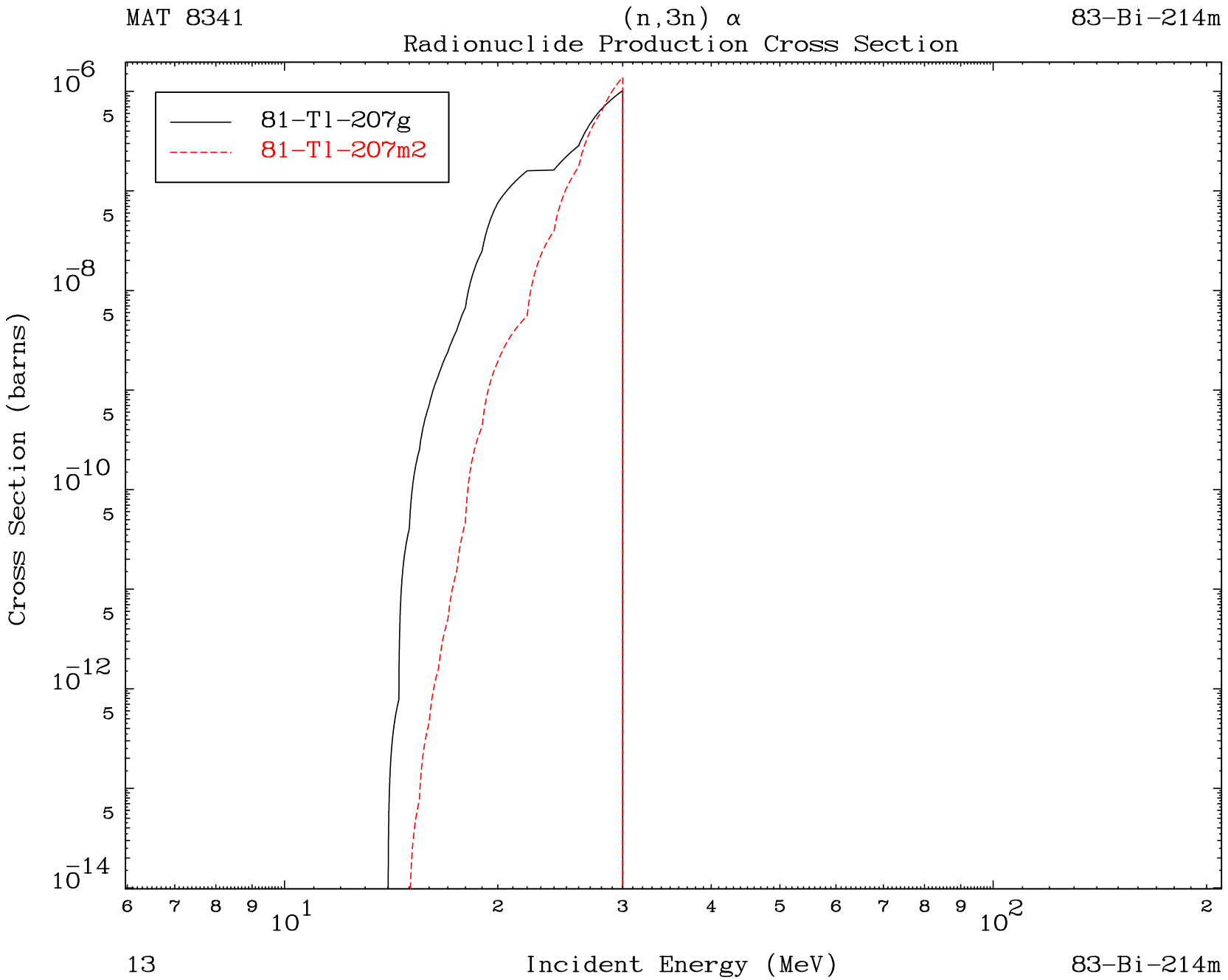

MAT 8341
(γ,d) Levels
83-Bi-214m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
8
83-Bi-214m

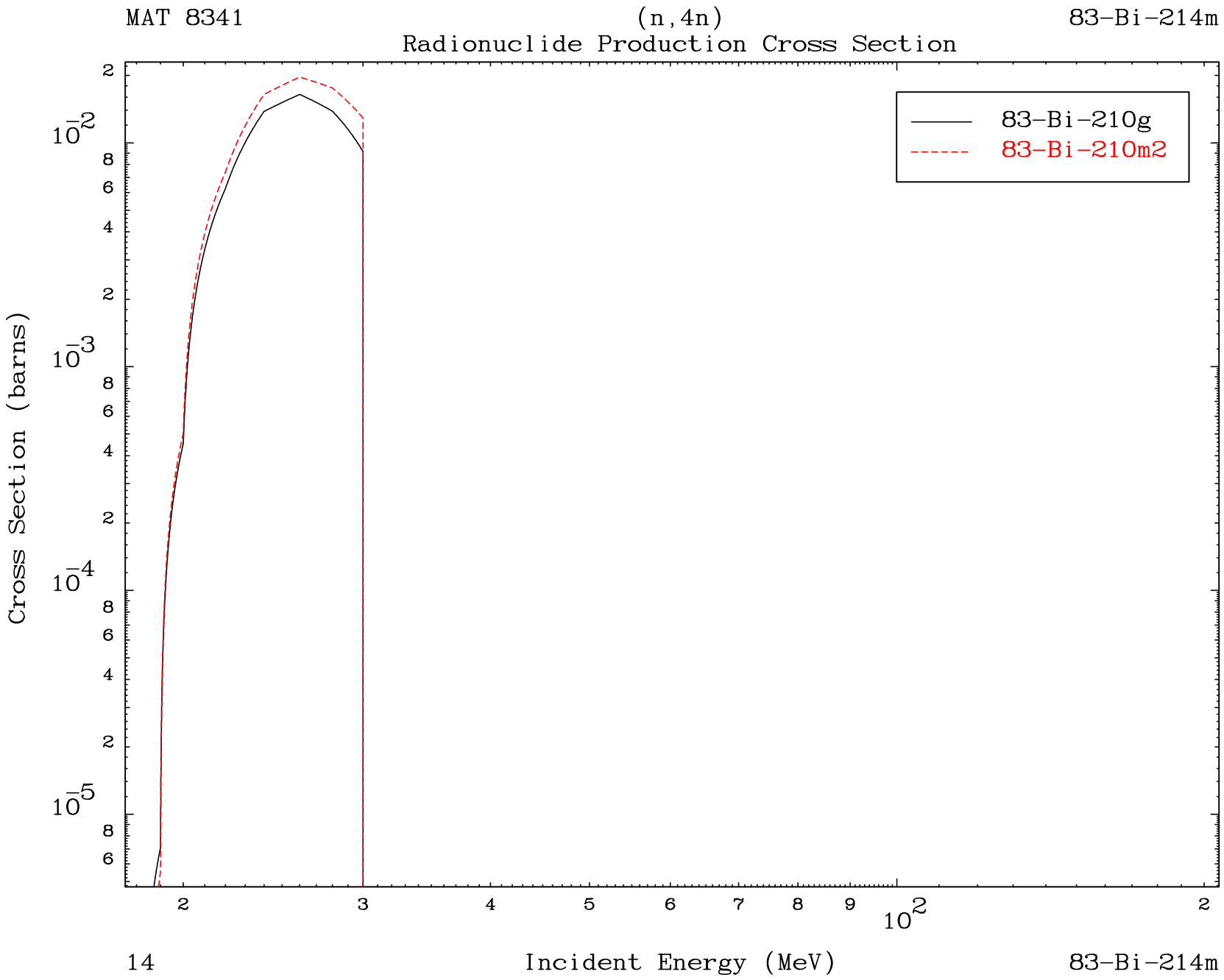

MAT 8341
(γ,t) Levels
83-Bi-214m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
83-Bi-214m

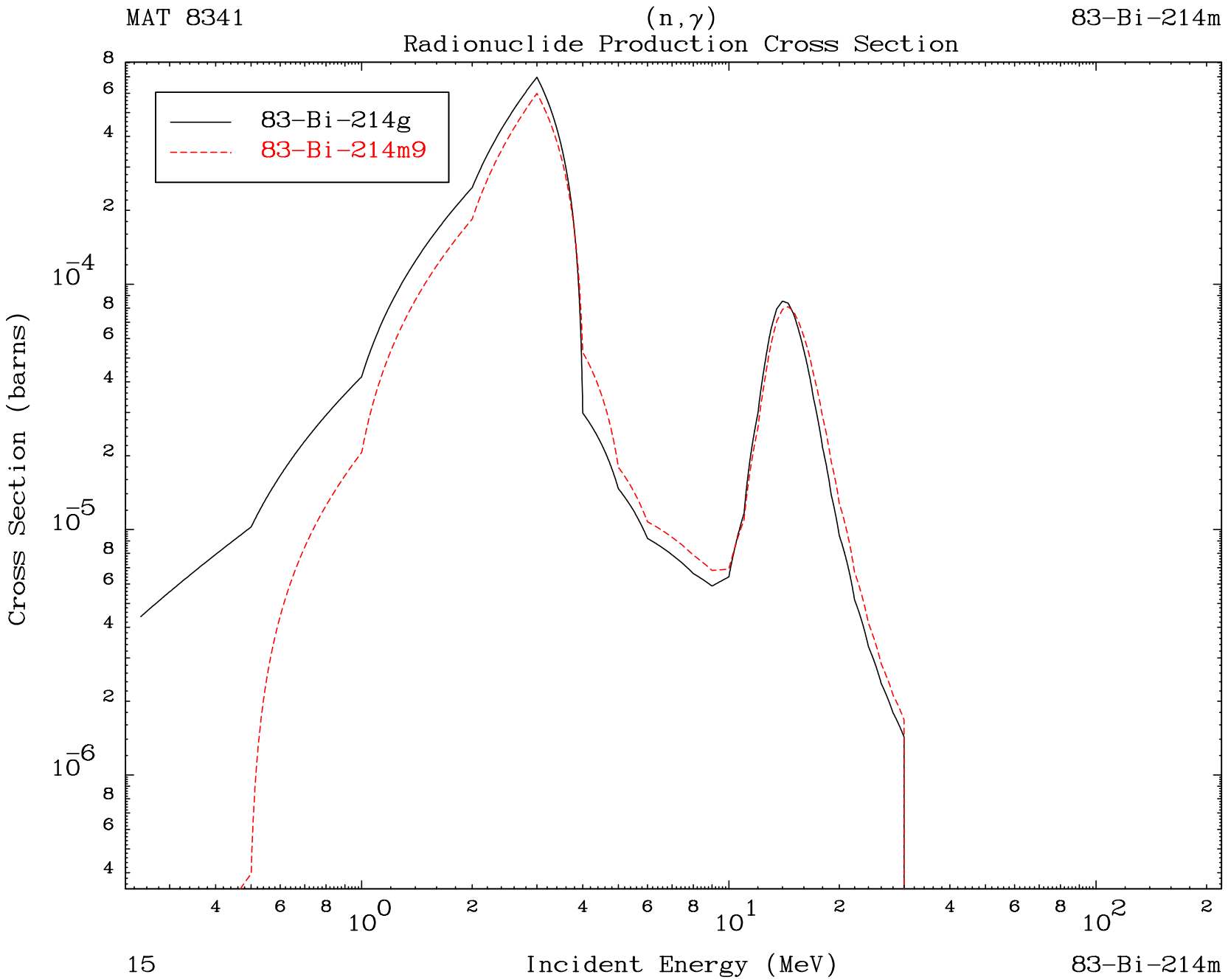

MAT 8341
(γ,α) Levels
83-Bi-214m
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
10
83-Bi-214m


MAT 8341
(n,2n)
83-Bi-214m
Radionuclide Production Cross Section
83-Bi-212g
83-Bi-212m5
83-Bi-212m12
Cross Section (barns)
Incident Energy (MeV)
11
83-Bi-214m


MAT 8341
Fission
83-Bi-214m
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
12
83-Bi-214m


MAT 8341
(n,3n) α
83-Bi-214m
Radionuclide Production Cross Section
81-Tl-207g
81-Tl-207m2
Cross Section (barns)
Incident Energy (MeV)
13
83-Bi-214m


MAT 8341
(n,4n)
83-Bi-214m
Radionuclide Production Cross Section
83-Bi-210g
83-Bi-210m2
Cross Section (barns)
Incident Energy (MeV)
14
83-Bi-214m


MAT 8341
(n,γ)
83-Bi-214m
Radionuclide Production Cross Section
83-Bi-214g
83-Bi-214m9
Cross Section (barns)
Incident Energy (MeV)
15
83-Bi-214m