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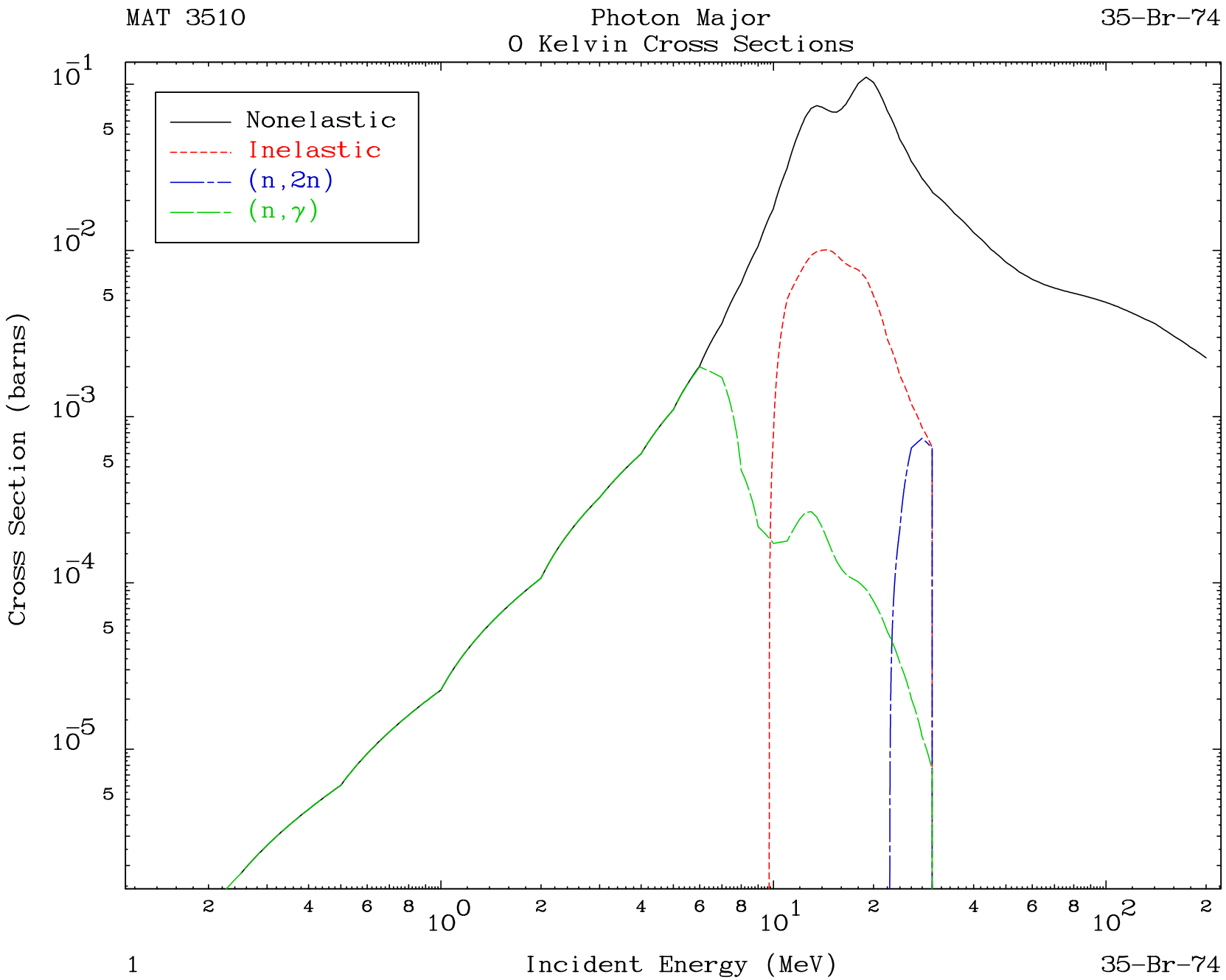
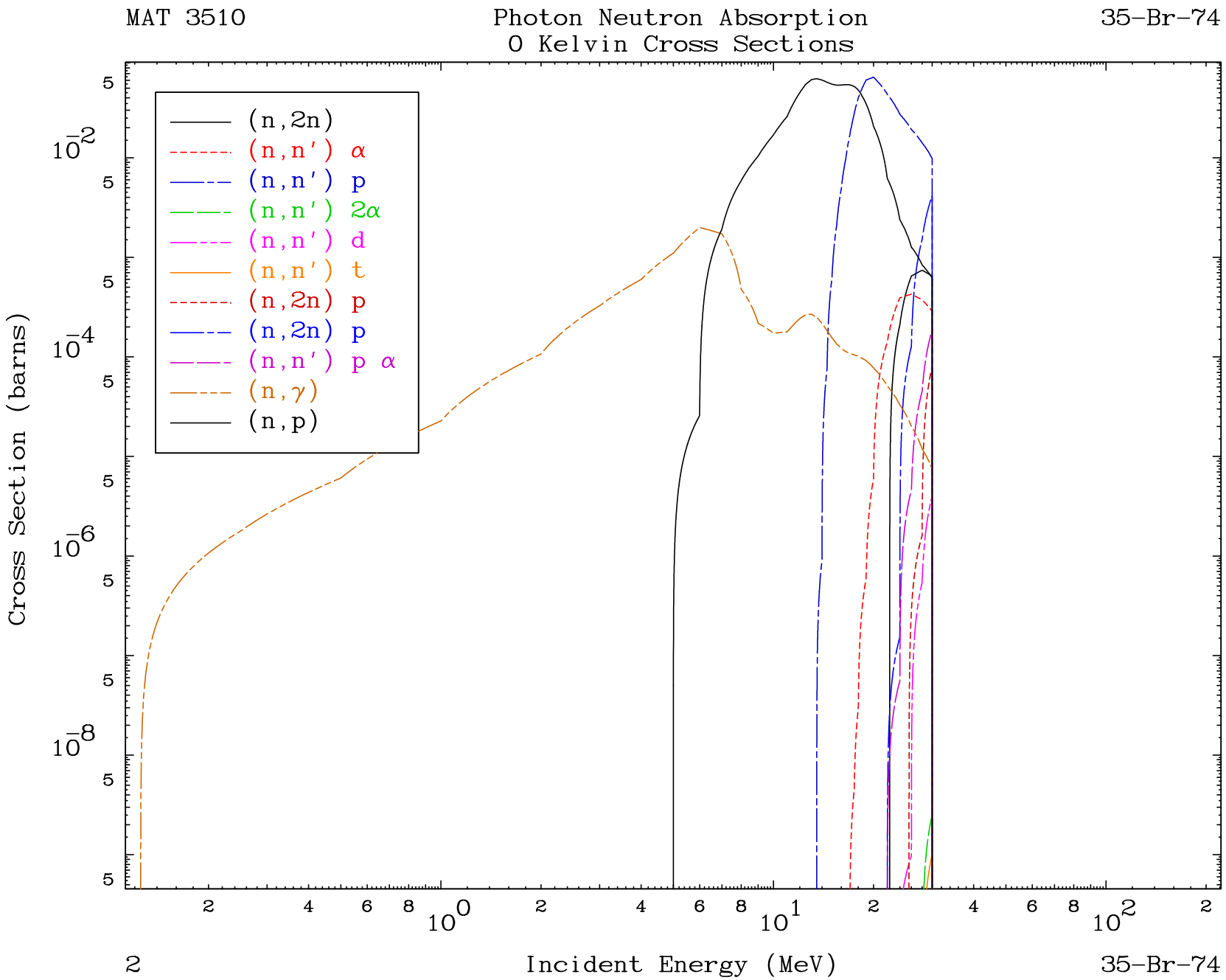
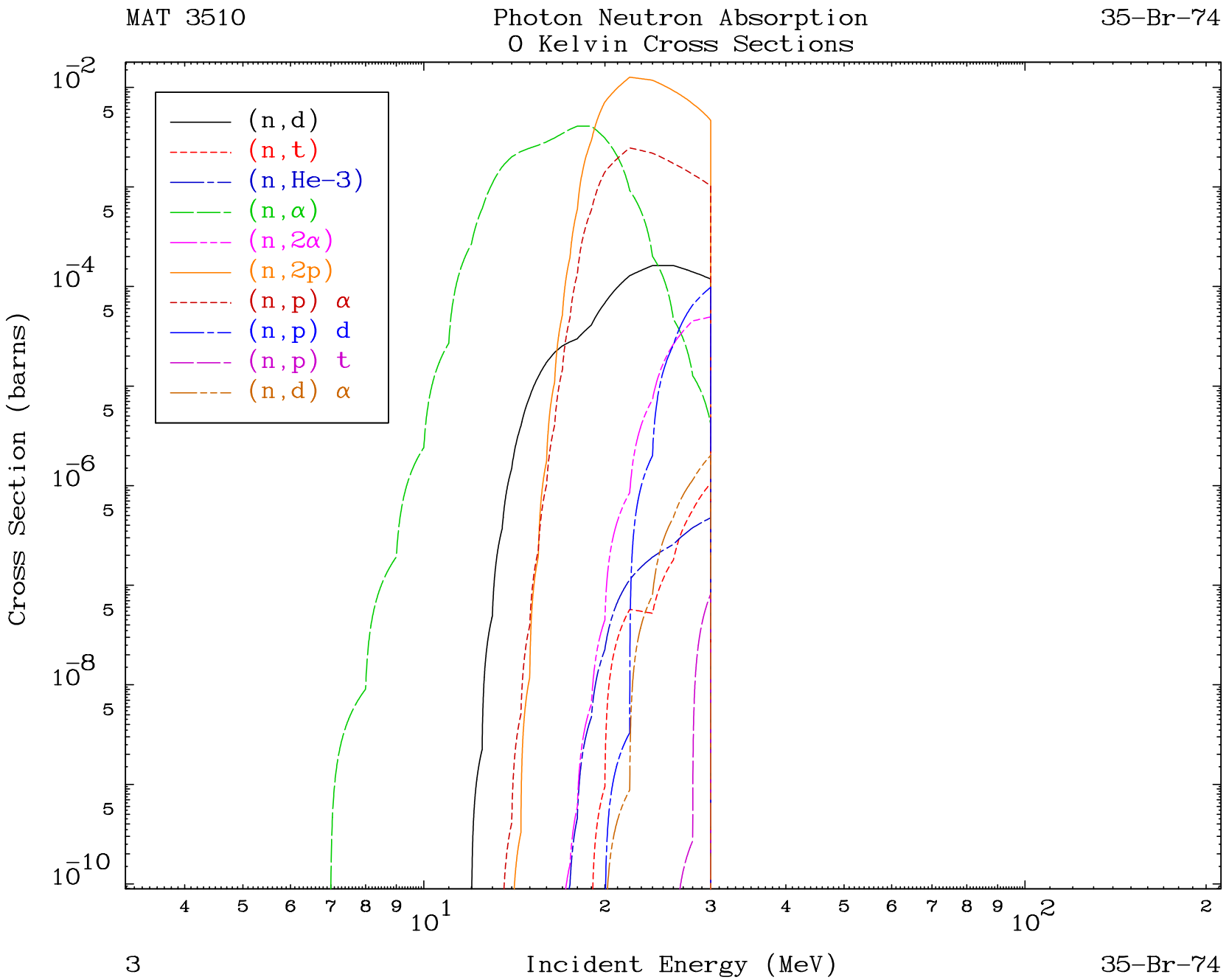
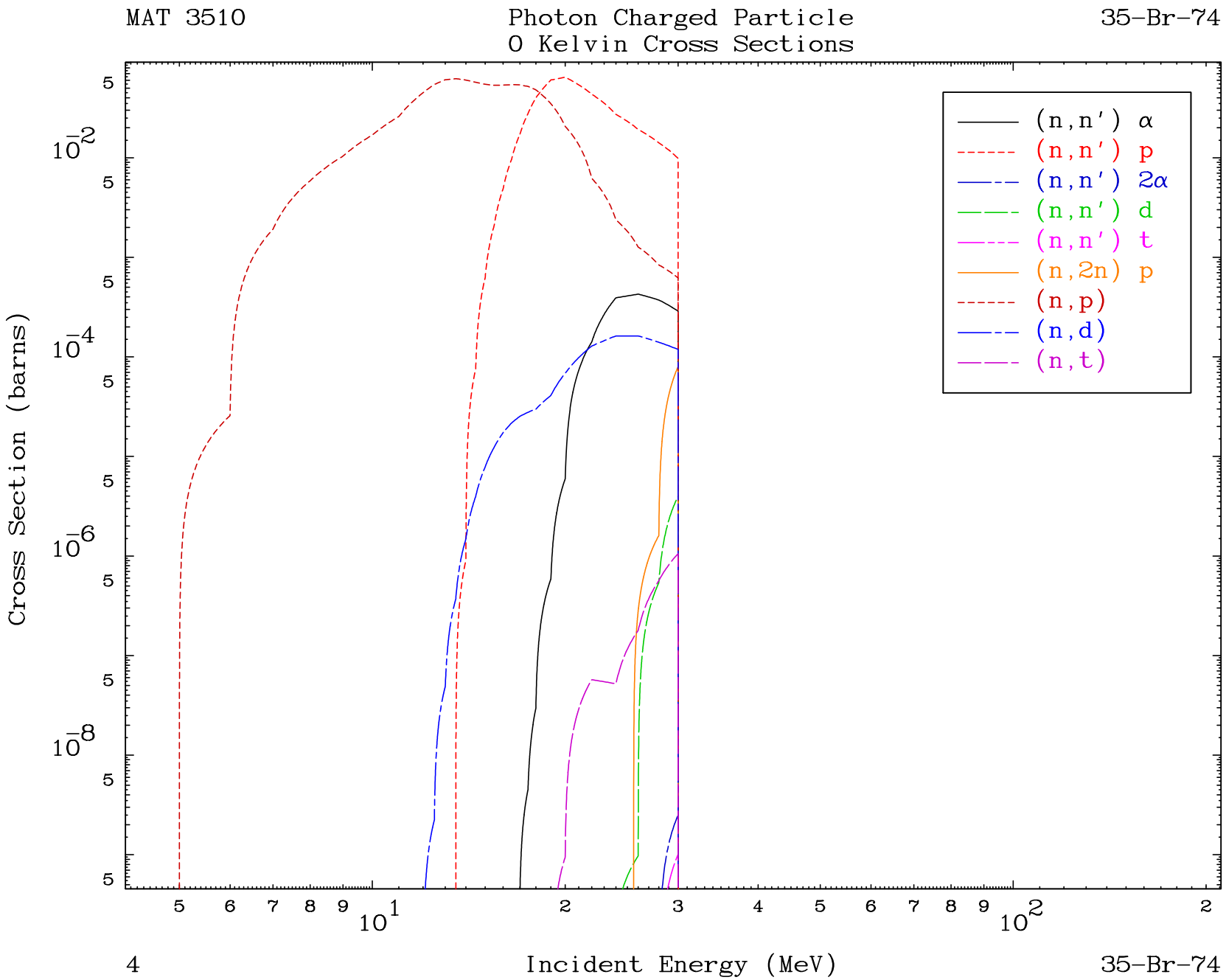
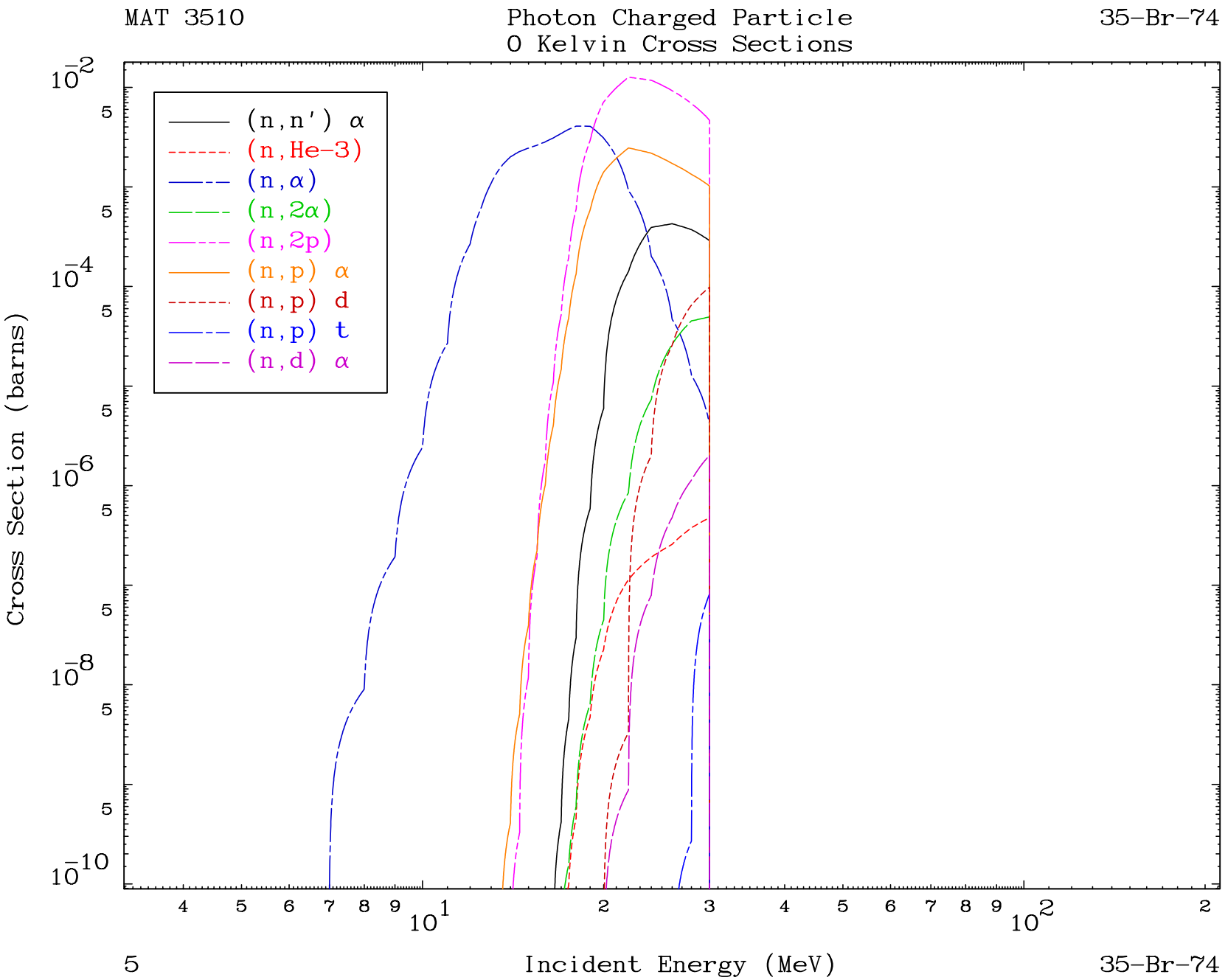
Press Mouse Button to Start

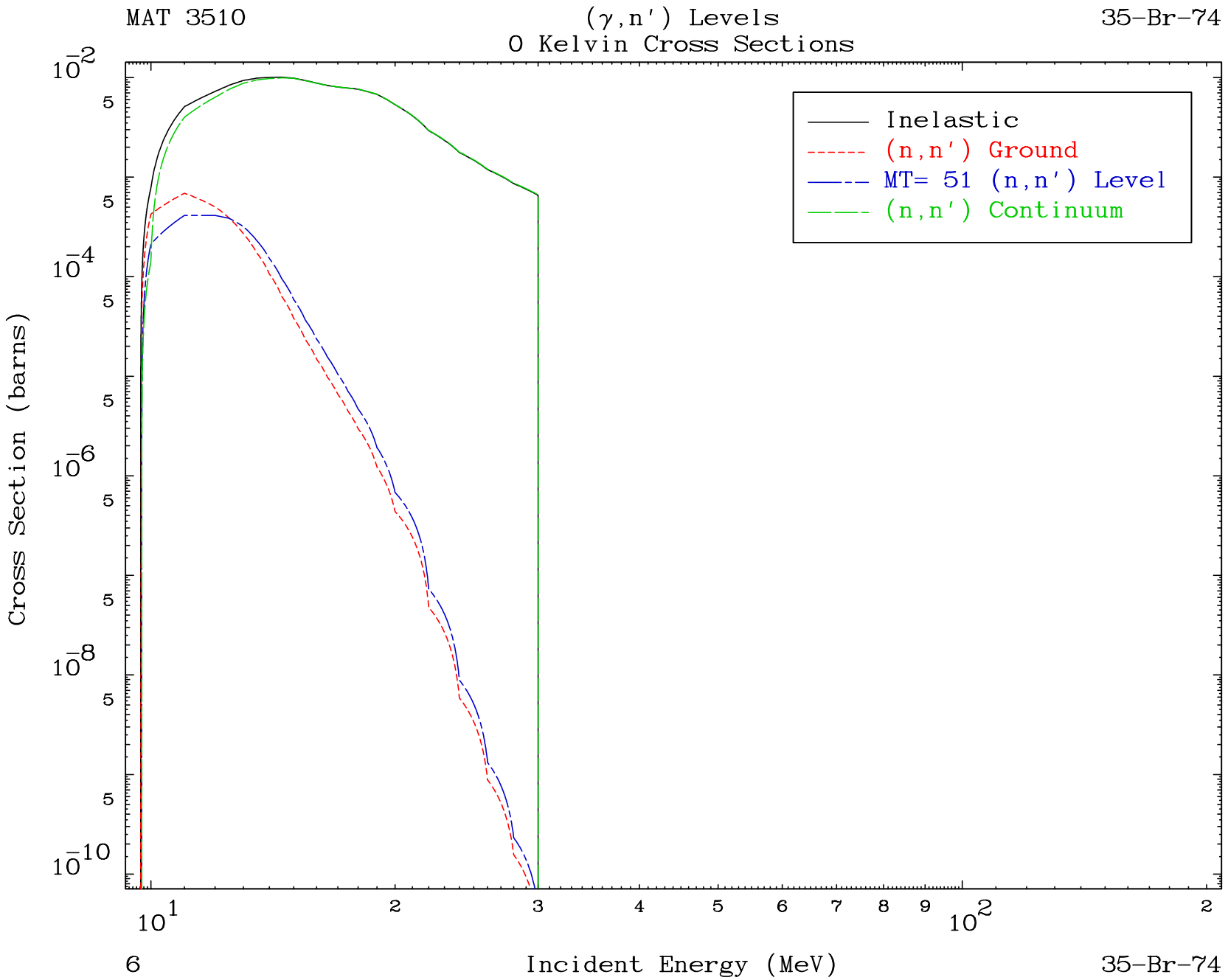

MAT 3510
Photon Major
35-Br-74
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
35-Br-74

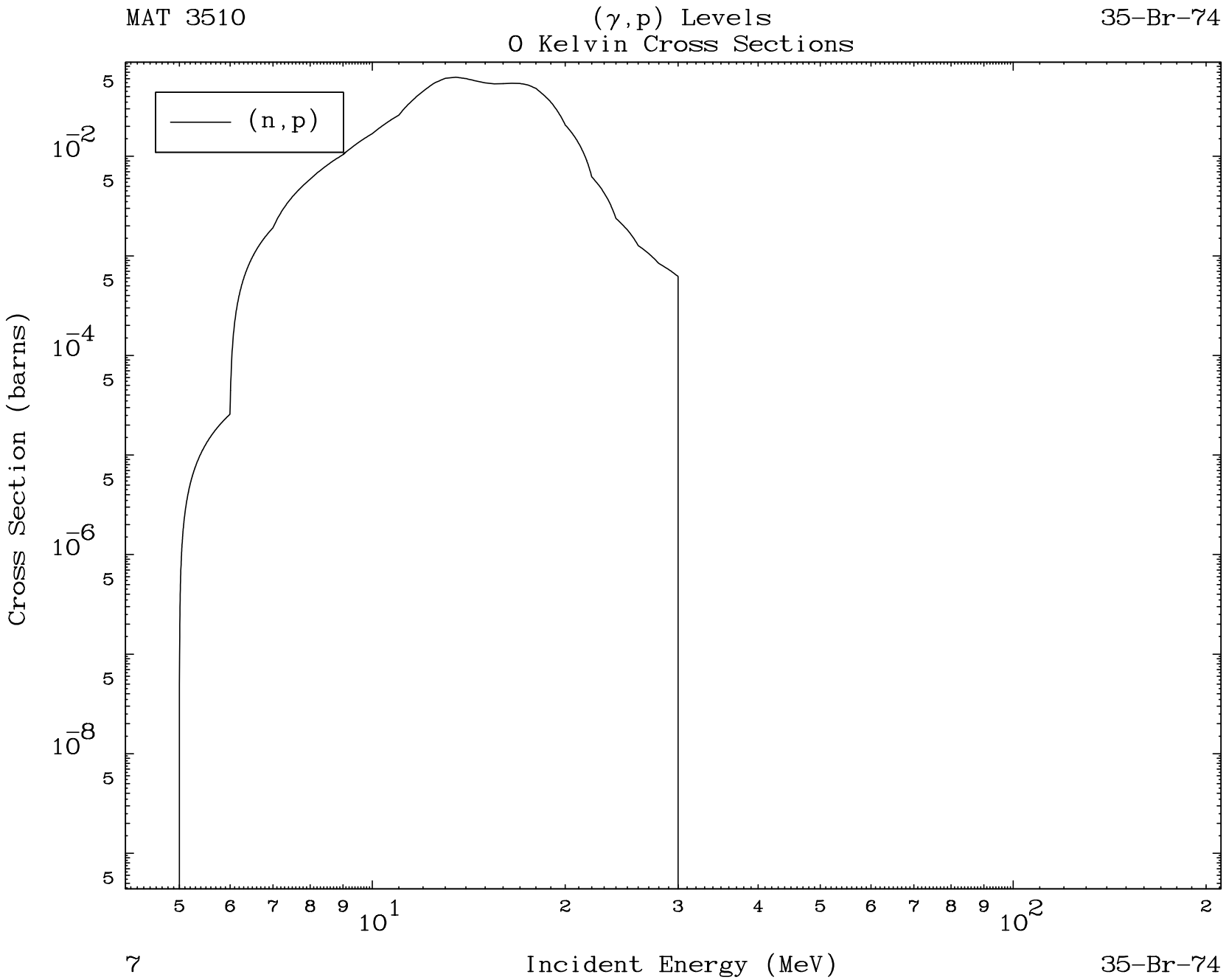

MAT 3510
Photon Neutron Absorption
0 Kelvin Cross Sections
35-Br-74
(n,2n)
(n,n') α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
35-Br-74

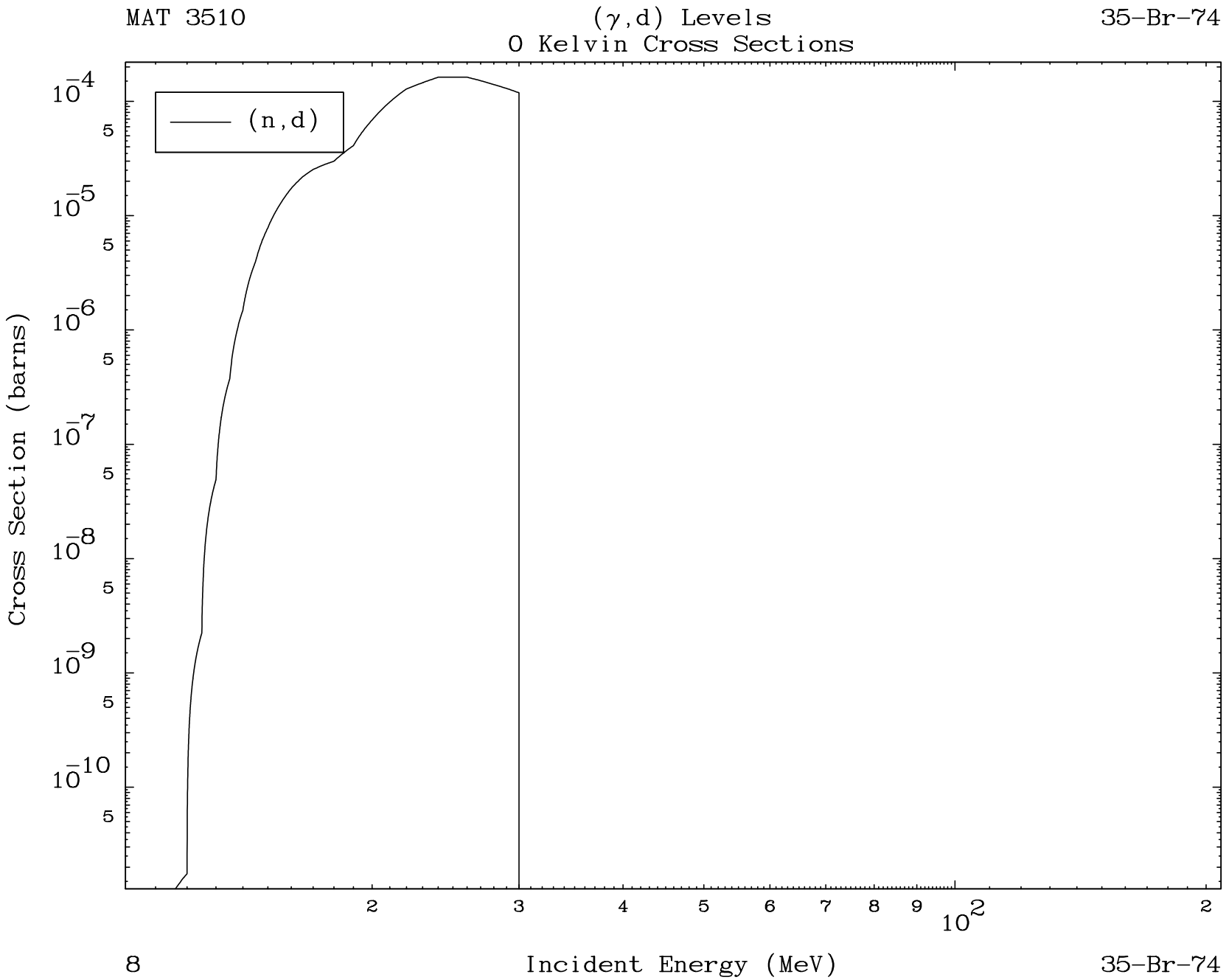

MAT 3510
Photon Neutron Absorption
0 Kelvin Cross Sections
35-Br-74
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
35-Br-74

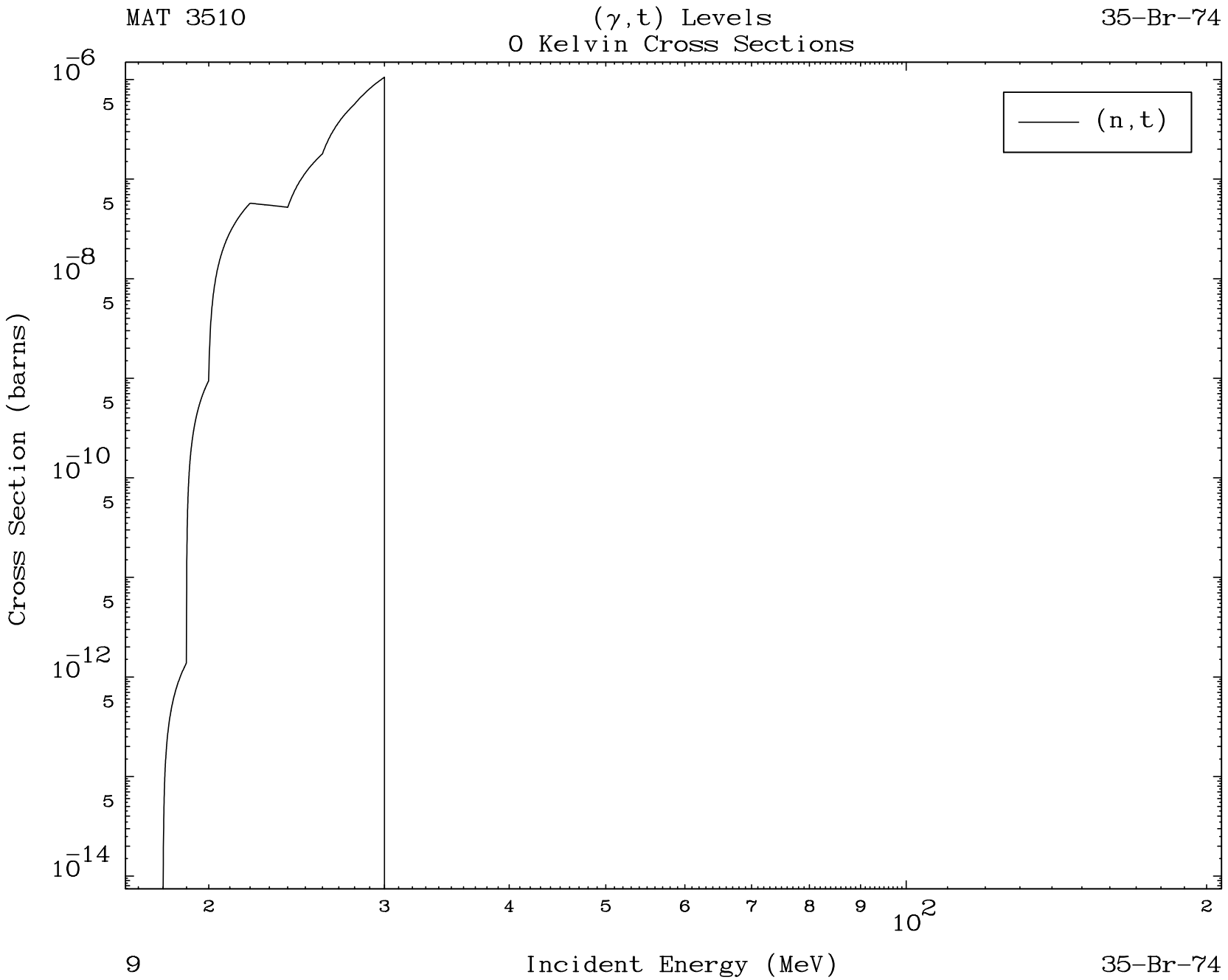

MAT 3510
Photon Charged Particle
0 Kelvin Cross Sections
35-Br-74
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
(n,t)
4
35-Br-74

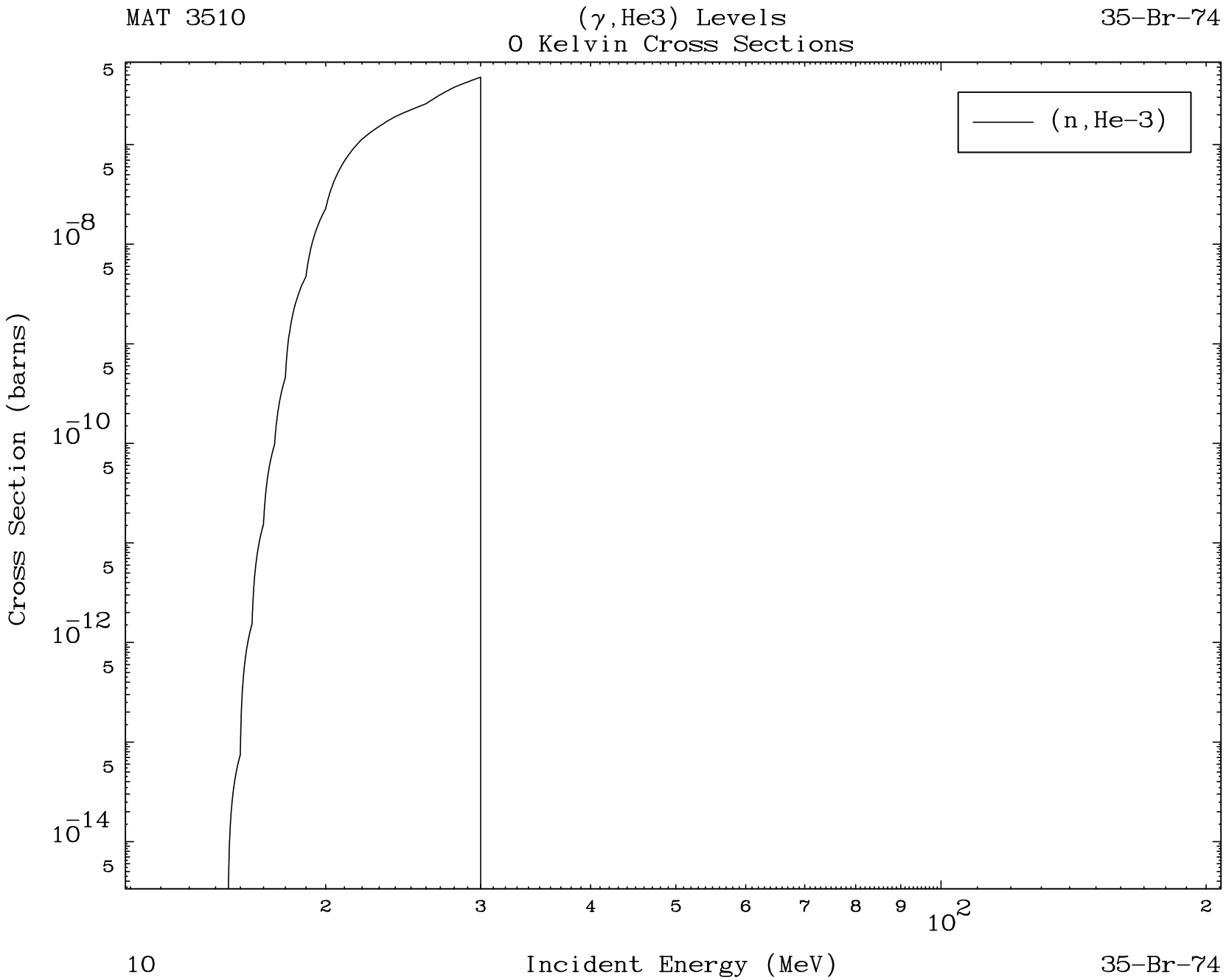

MAT 3510
Photon Charged Particle
0 Kelvin Cross Sections
35-Br-74
(n,n') α
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
10-2
10-4
10-6
10-8
10-10
4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
5
35-Br-74

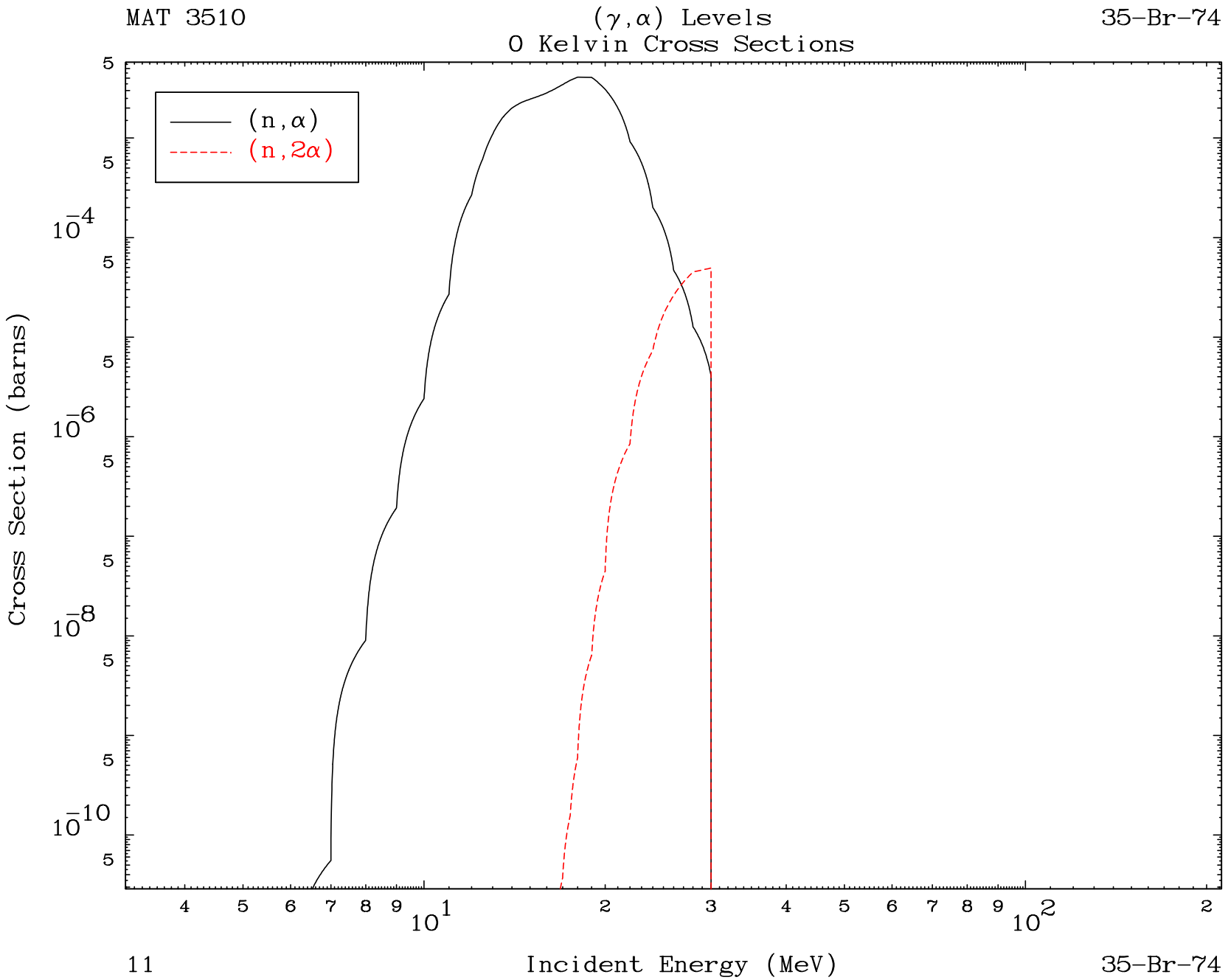

MAT 3510
(γ,n') Levels
0 Kelvin Cross Sections
35-Br-74
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
6
35-Br-74

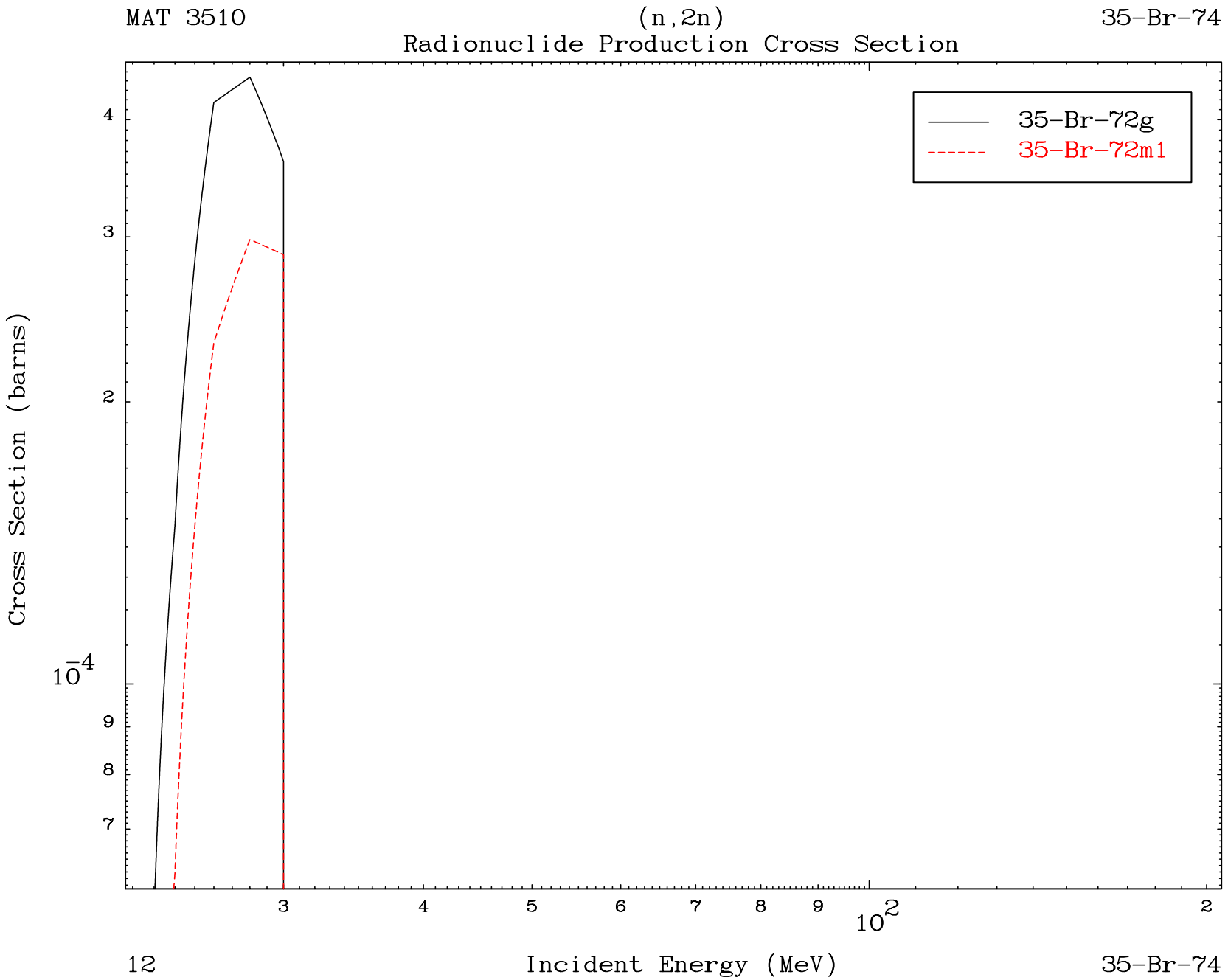

MAT 3510
(γ,p) Levels
35-Br-74
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
35-Br-74

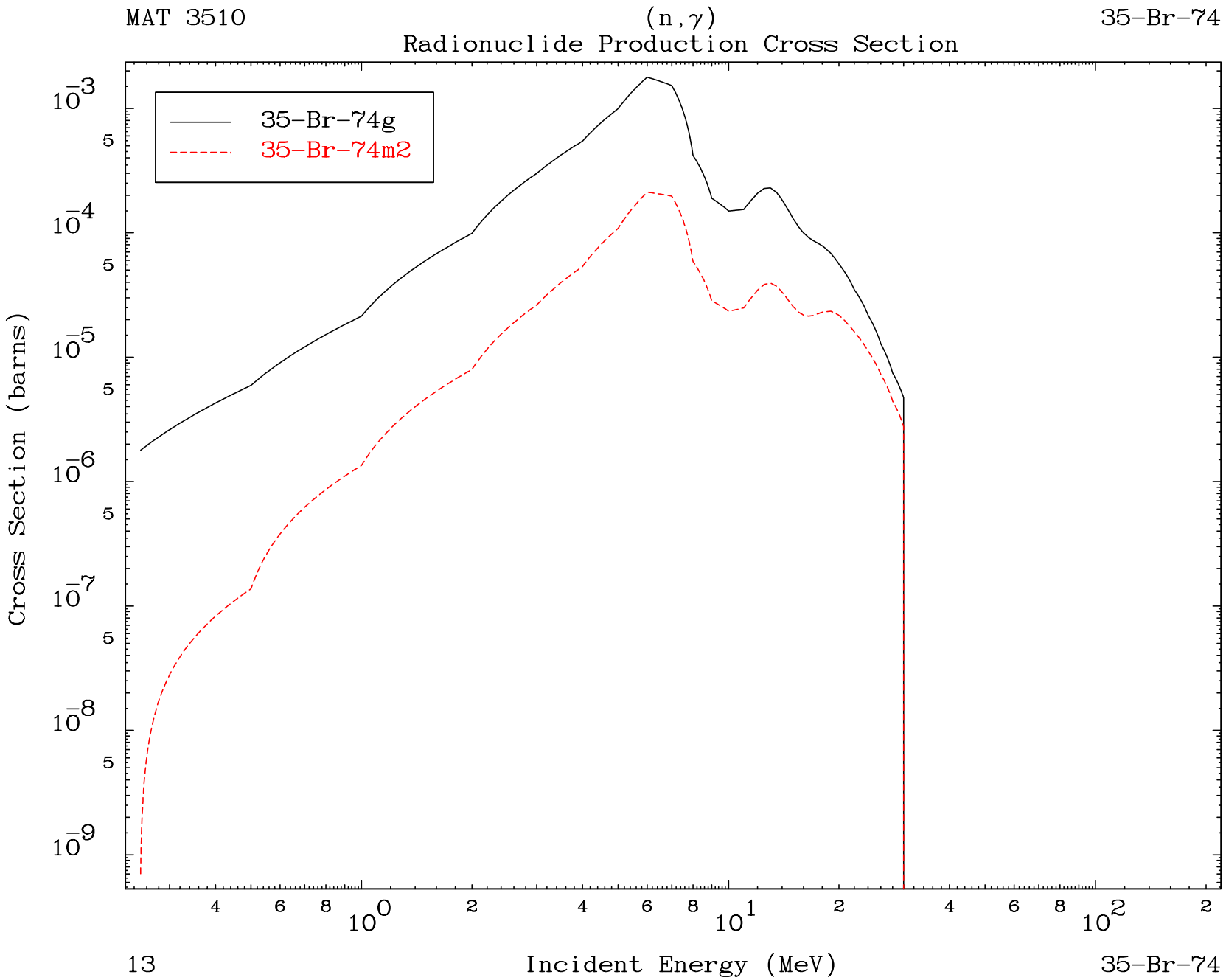

MAT 3510
(γ,d) Levels
35-Br-74
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-4
10-5
10-6
10-7
10-8
10-9
10-10
2
3
4
5
6
7
8
9
10 2
2
8
Incident Energy (MeV)
35-Br-74

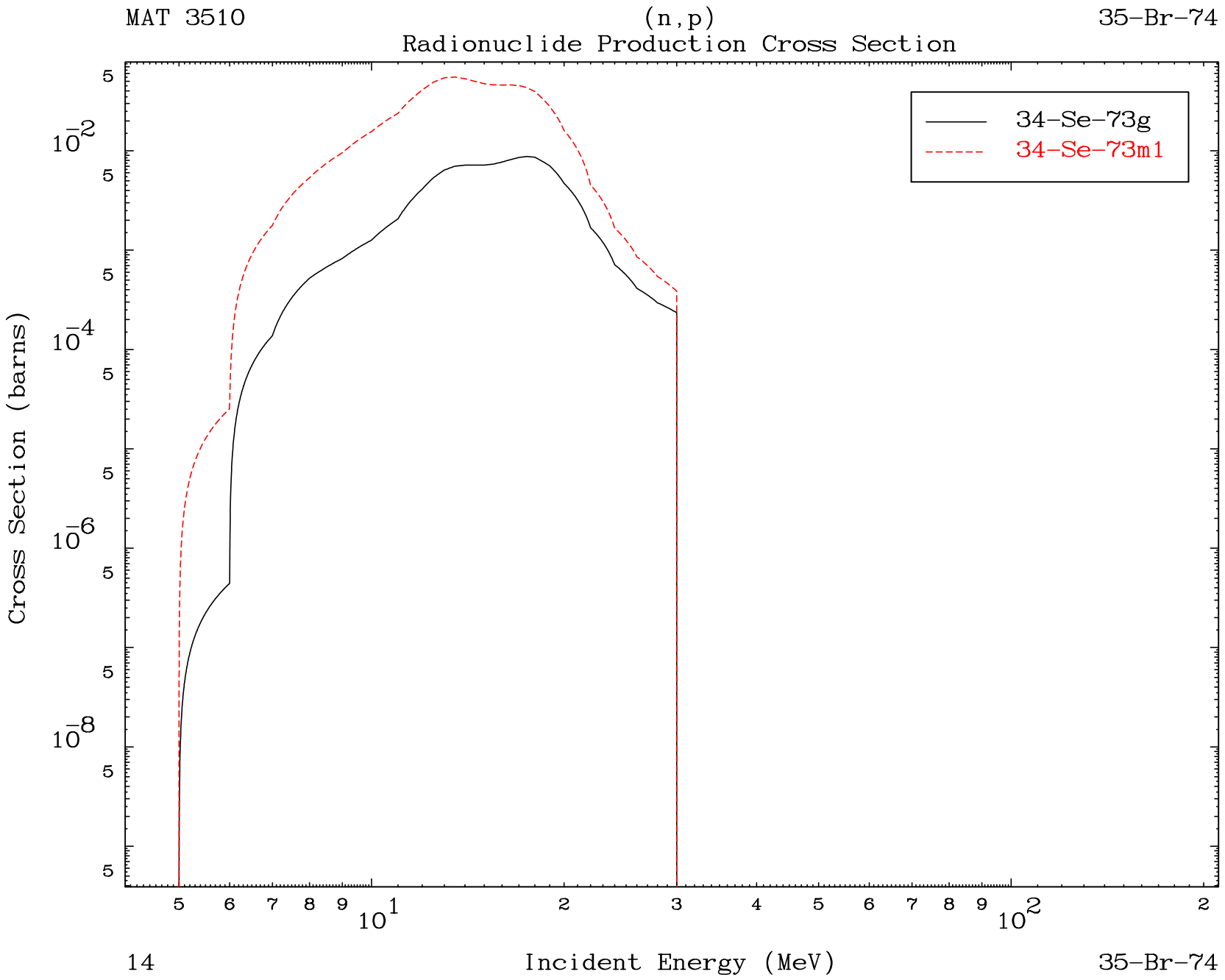

MAT 3510
(γ,t) Levels
35-Br-74
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-6
5
10-8
5
10-10
5
10-12
5
10-14
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
9
35-Br-74


MAT 3510
(γ,He3) Levels
35-Br-74
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
5
5
10^-8
5
10^-10
5
5
10^-12
5
5
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
35-Br-74


MAT 3510
(γ,α) Levels
35-Br-74
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
11
35-Br-74


MAT 3510
(n,2n)
35-Br-74
Radionuclide Production Cross Section
35-Br-72g
35-Br-72m1
Cross Section (barns)
4
3
2
10^-4
9
8
7
3
4
5
6
7
8
9
10^2
2
12
Incident Energy (MeV)
35-Br-74


MAT 3510
(n,γ)
35-Br-74
Radionuclide Production Cross Section
35-Br-74g
35-Br-74m2
Cross Section (barns)
Incident Energy (MeV)
13
35-Br-74


MAT 3510
(n,p)
35-Br-74
Radionuclide Production Cross Section
34-Se-73g
34-Se-73m1
Cross Section (barns)
Incident Energy (MeV)
14
35-Br-74