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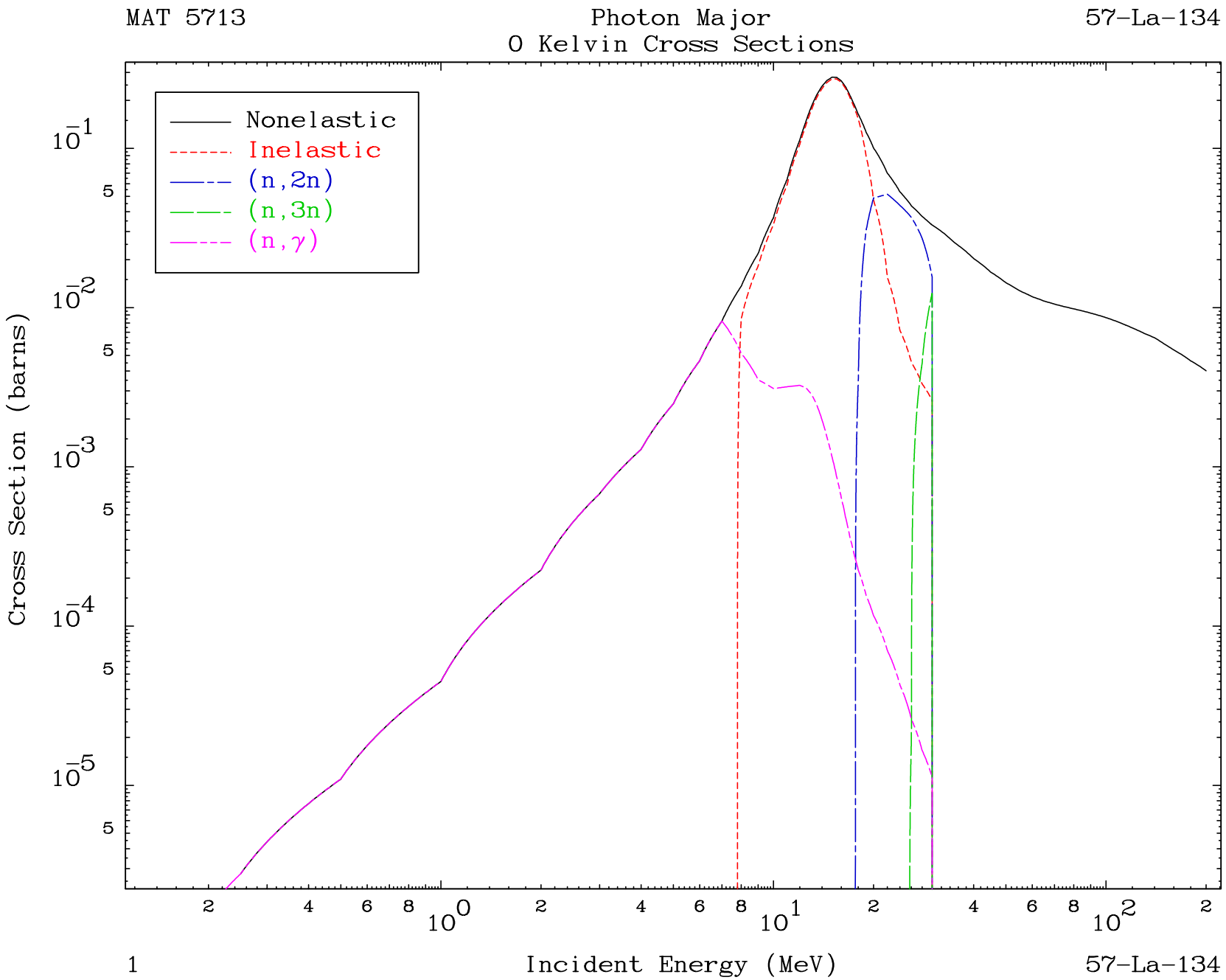
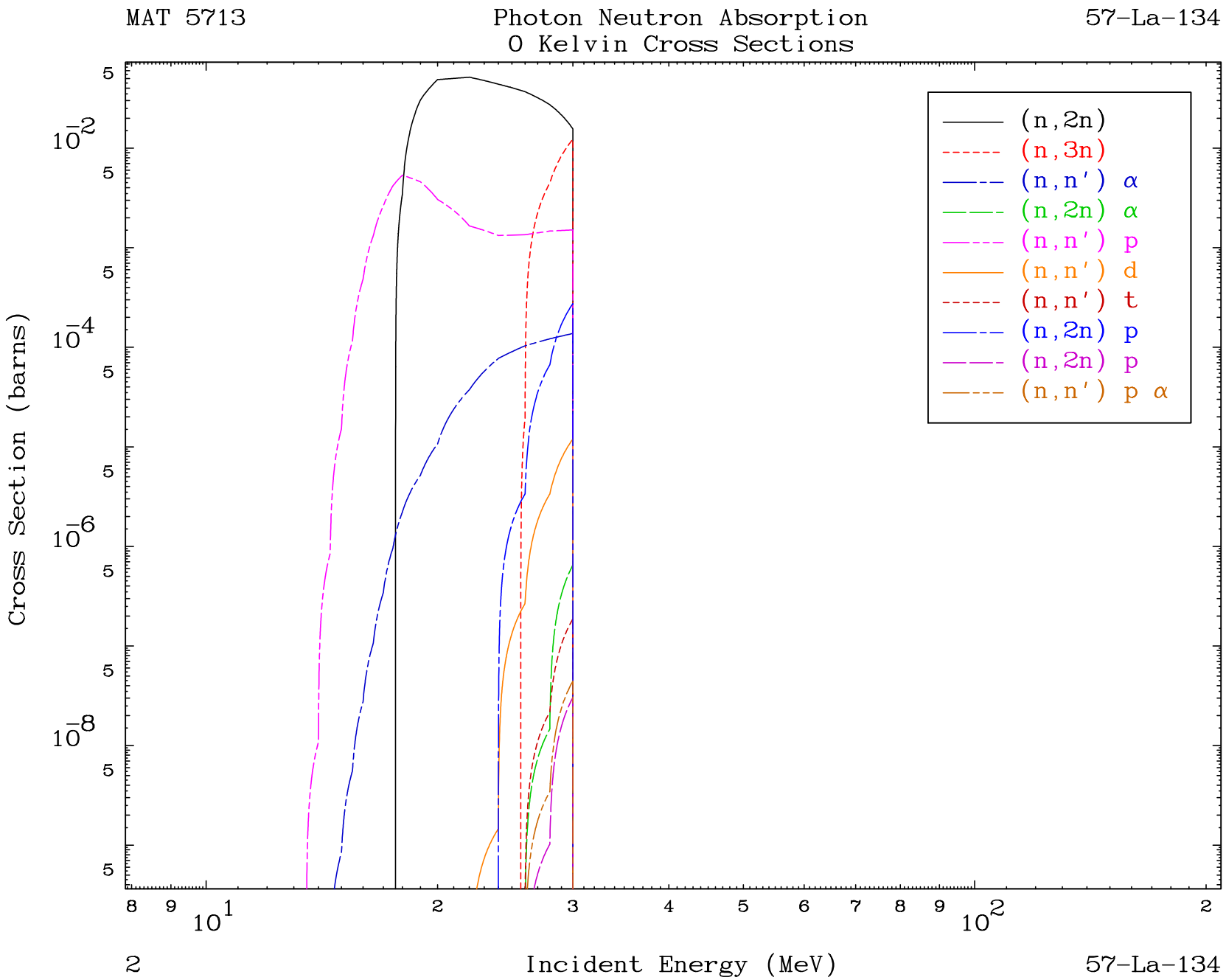
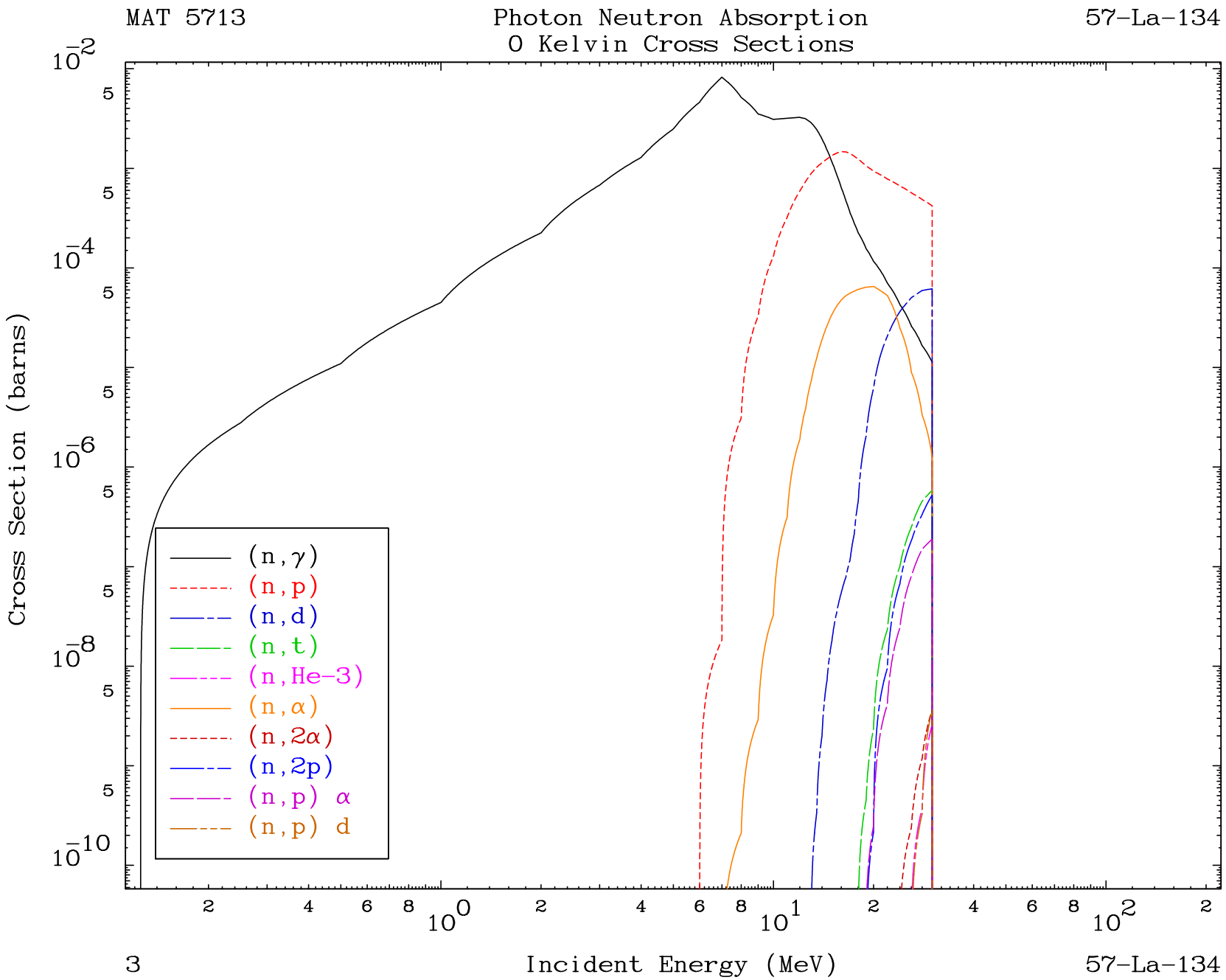
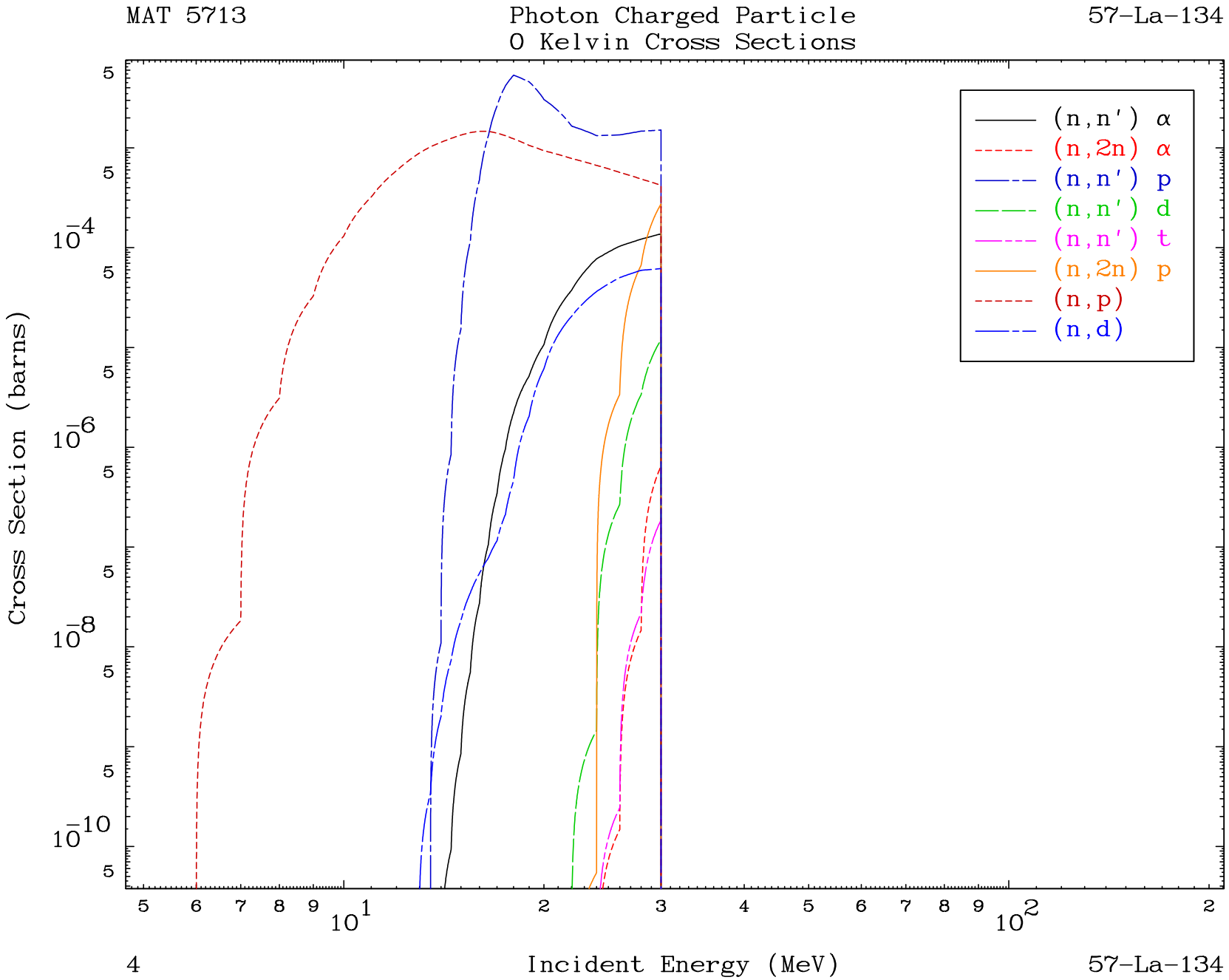
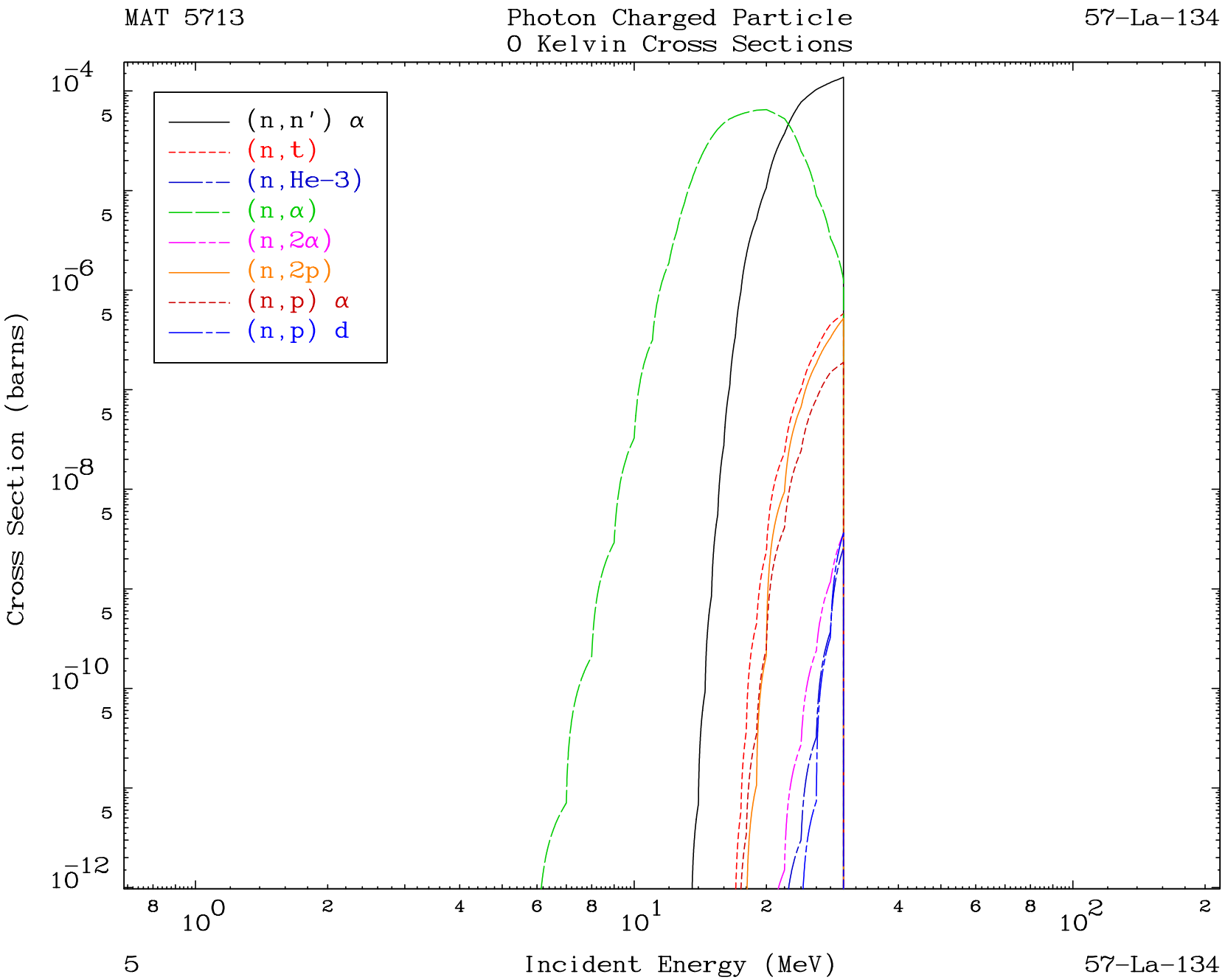
Press Mouse Button to Start

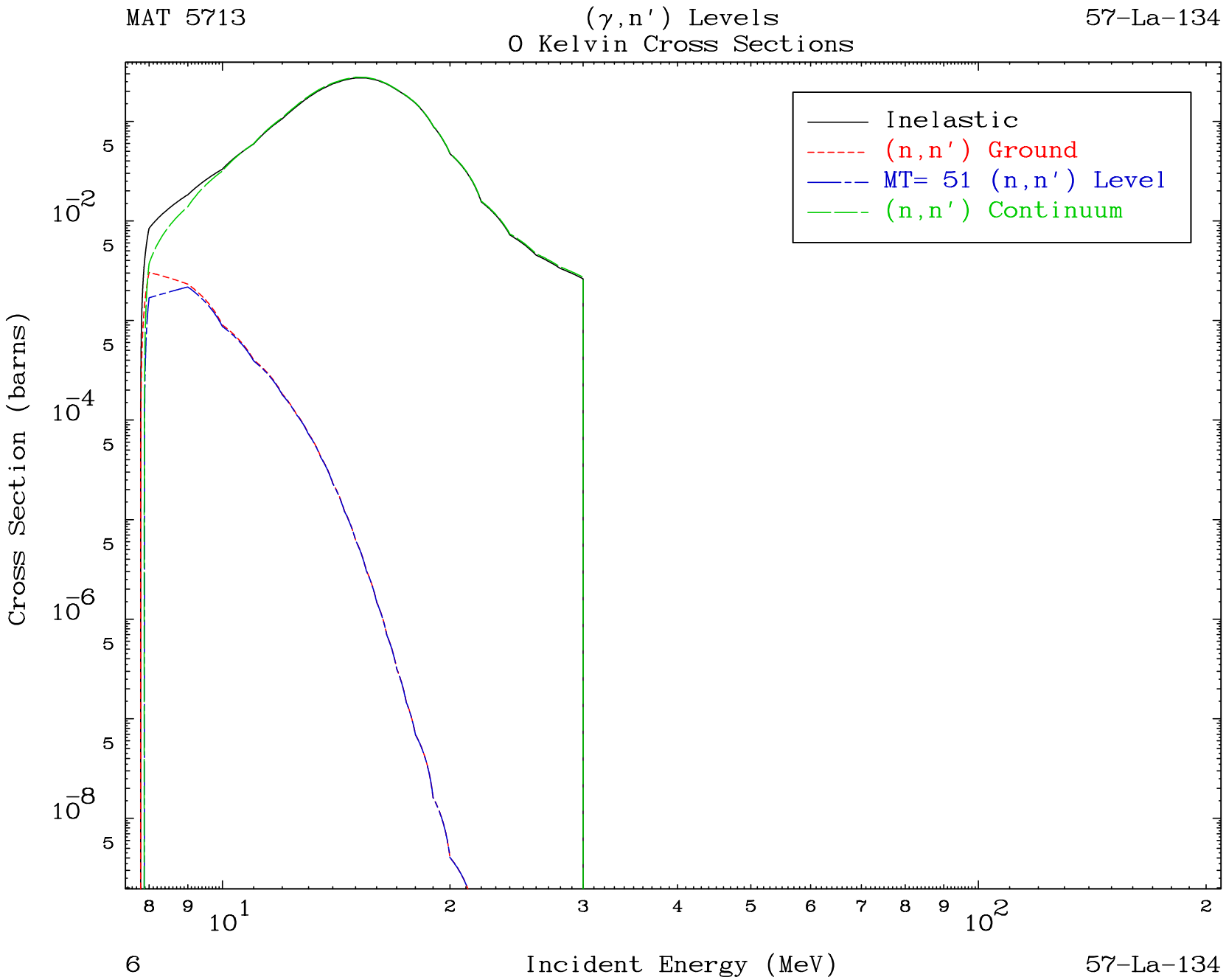

MAT 5713
Photon Major
57-La-134
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
57-La-134
1

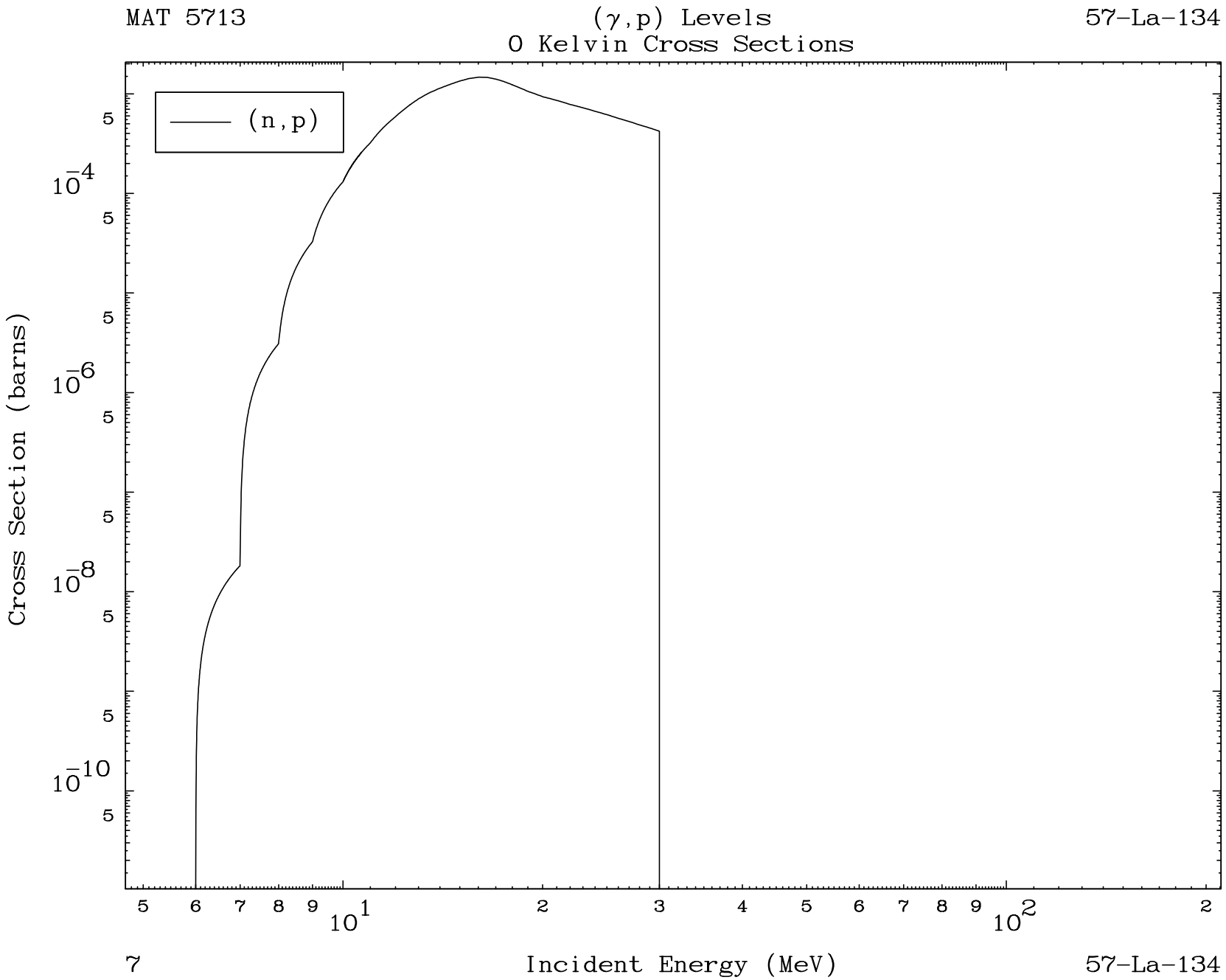

MAT 5713
Photon Neutron Absorption
0 Kelvin Cross Sections
57-La-134
Cross Section (barns)
Incident Energy (MeV)
57-La-134
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,2n) p
(n,n') p α

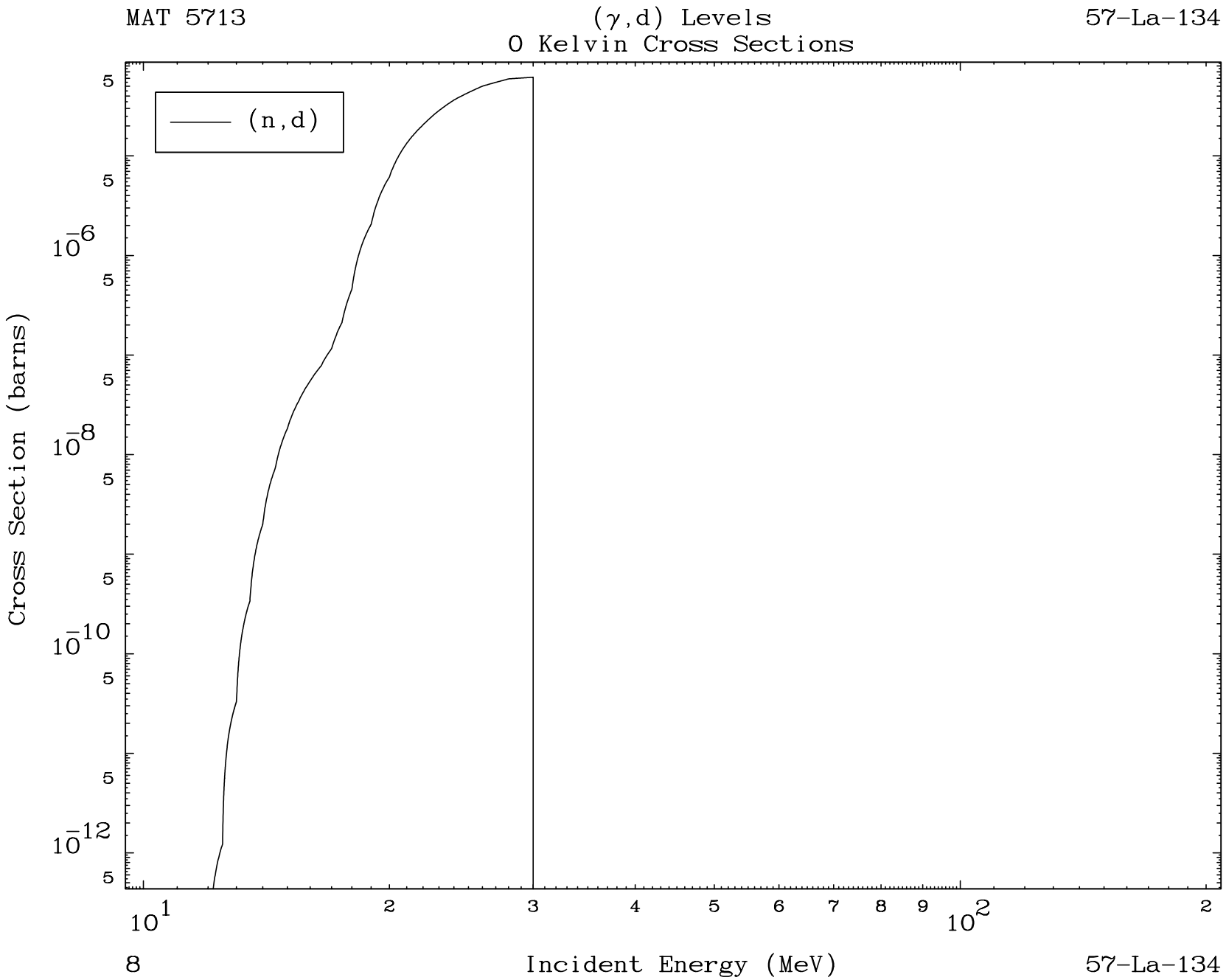

MAT 5713
Photon Neutron Absorption
0 Kelvin Cross Sections
57-La-134
Cross Section (barns)
Incident Energy (MeV)
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
3
57-La-134


MAT 5713
Photon Charged Particle
0 Kelvin Cross Sections
57-La-134
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
4
57-La-134

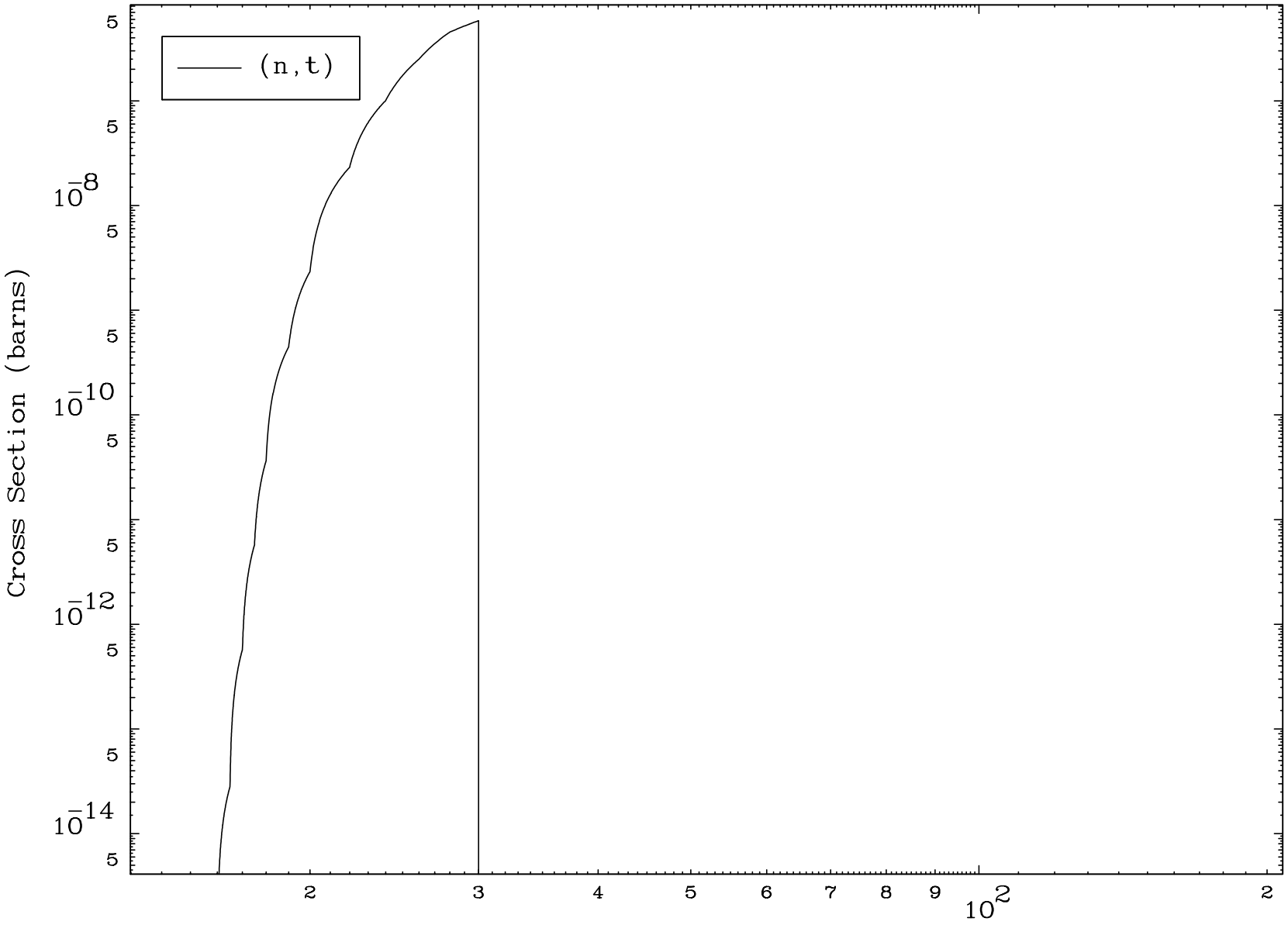

MAT 5713
Photon Charged Particle
0 Kelvin Cross Sections
57-La-134
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
57-La-134

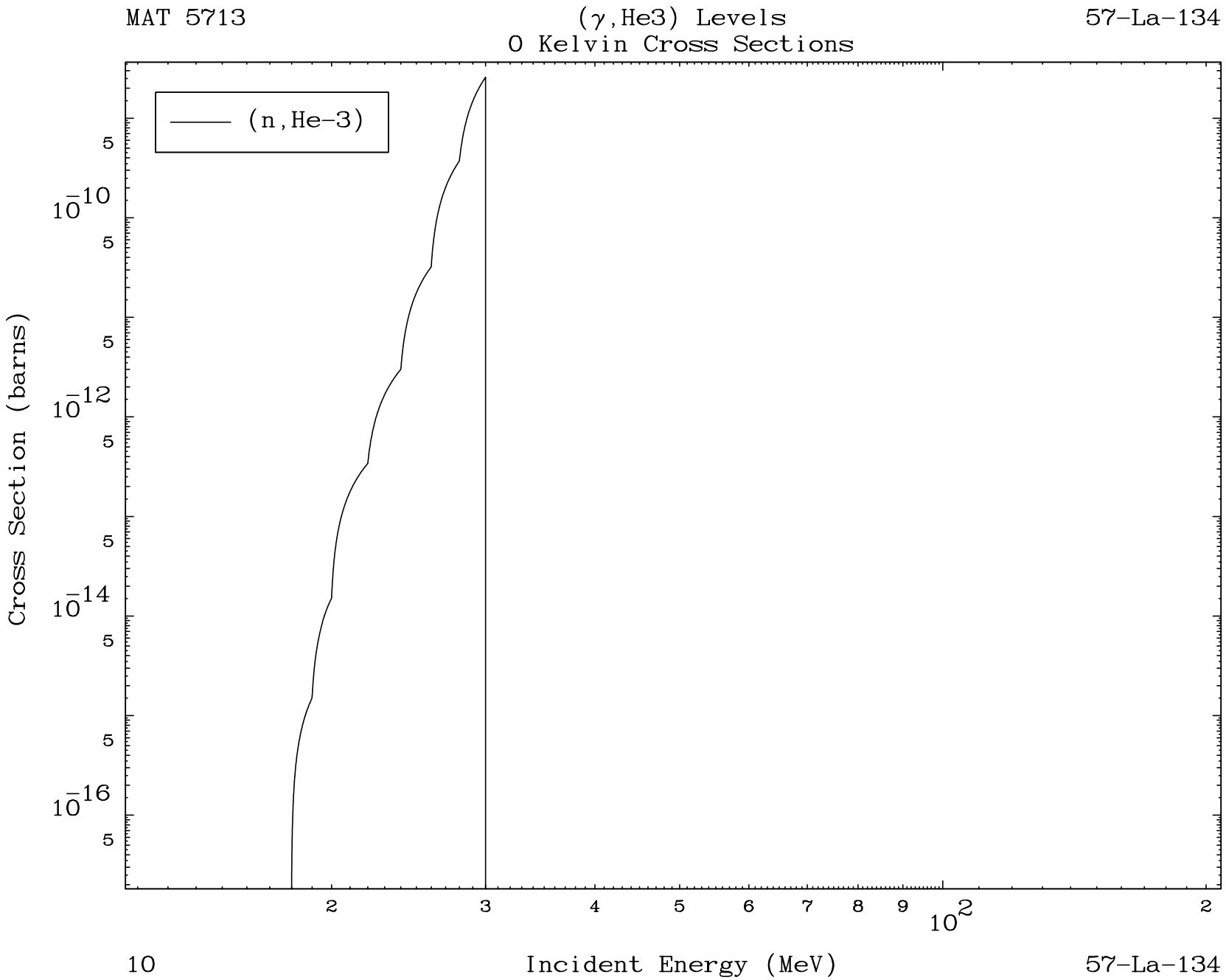

MAT 5713
(γ,n') Levels
0 Kelvin Cross Sections
57-La-134
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
6
57-La-134

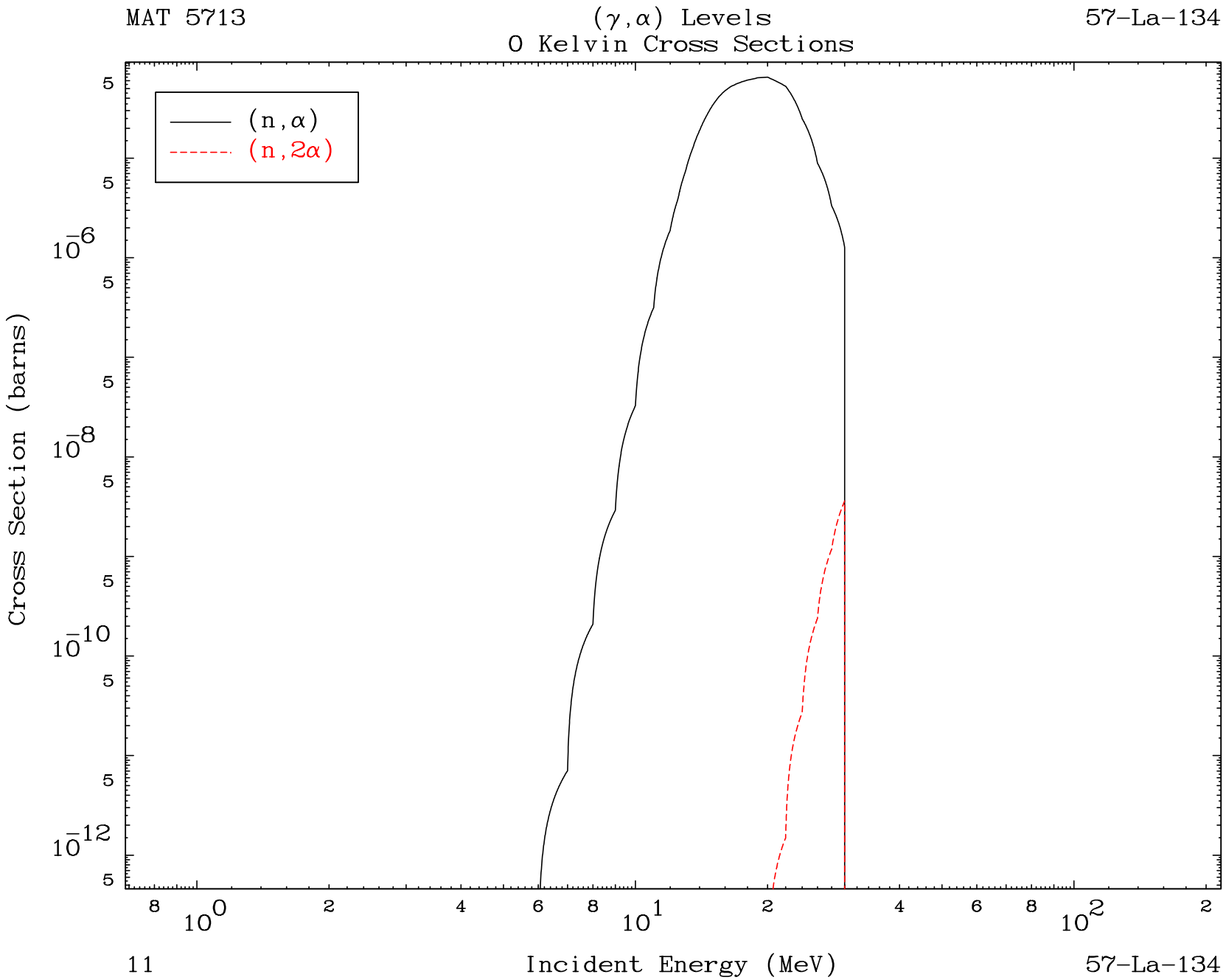

MAT 5713
(γ,p) Levels
57-La-134
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^1
2
3
4
10^2
Incident Energy (MeV)
7
57-La-134

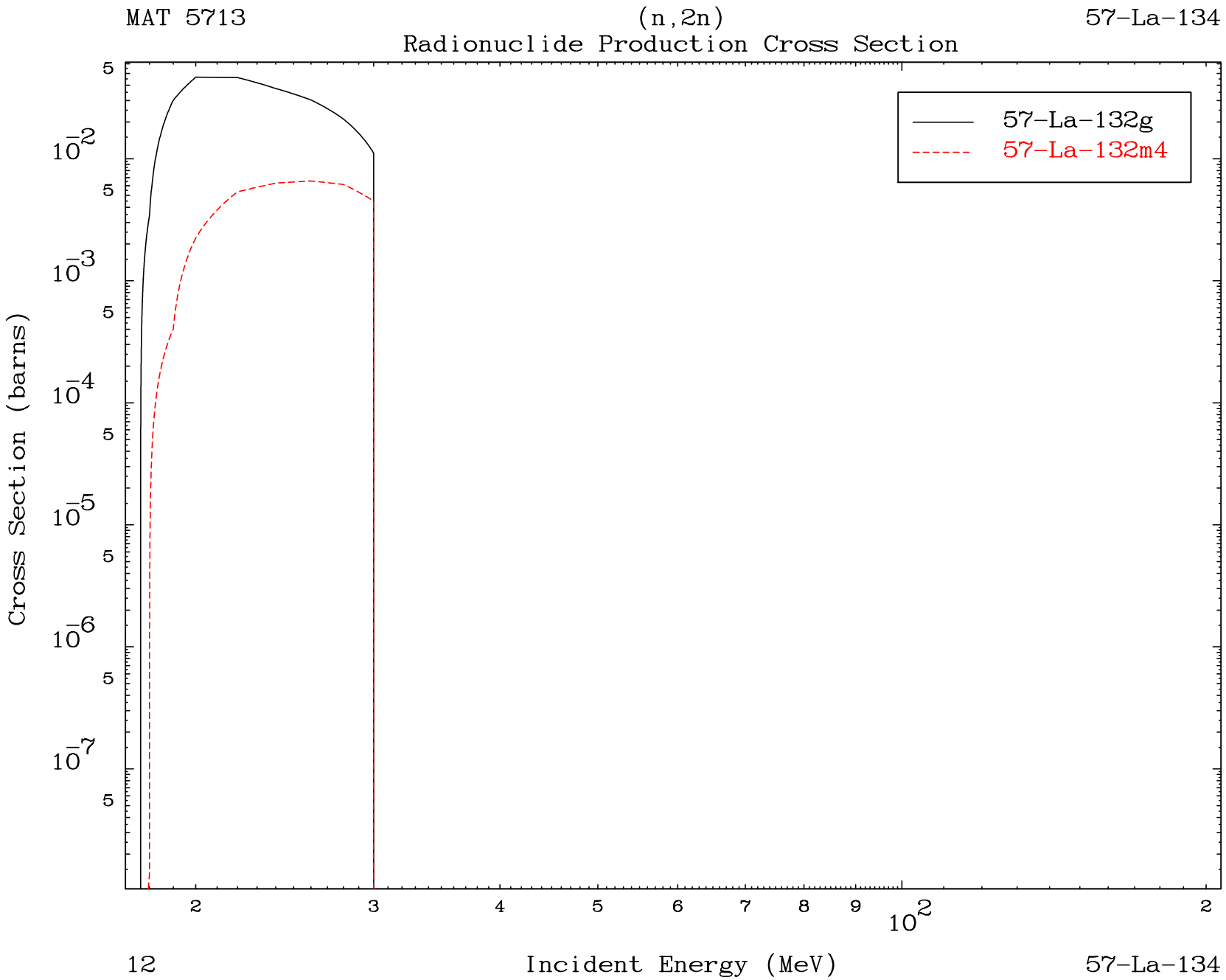

MAT 5713
(γ,d) Levels
57-La-134
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
57-La-134
8

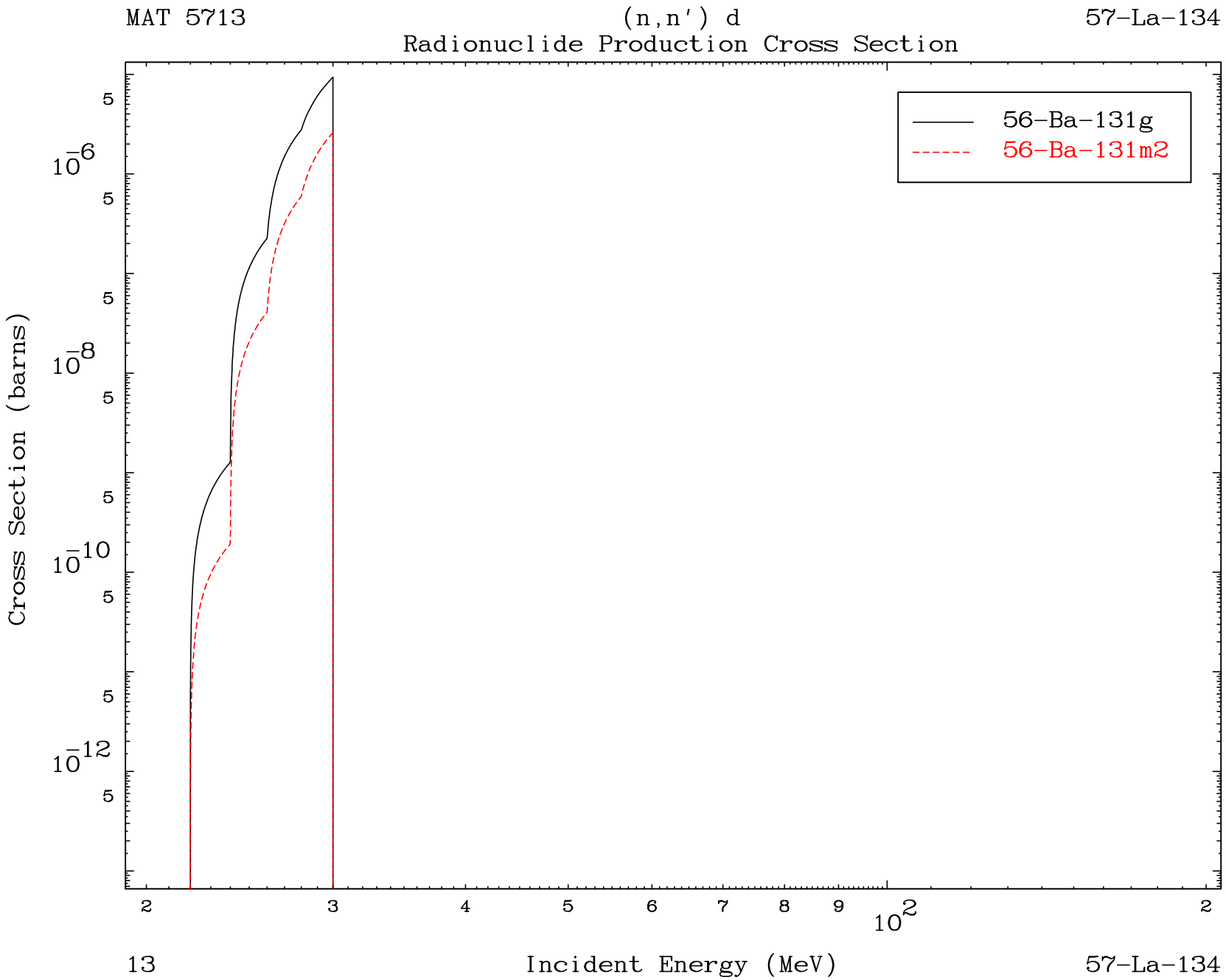
0 Kelvin Cross Sections

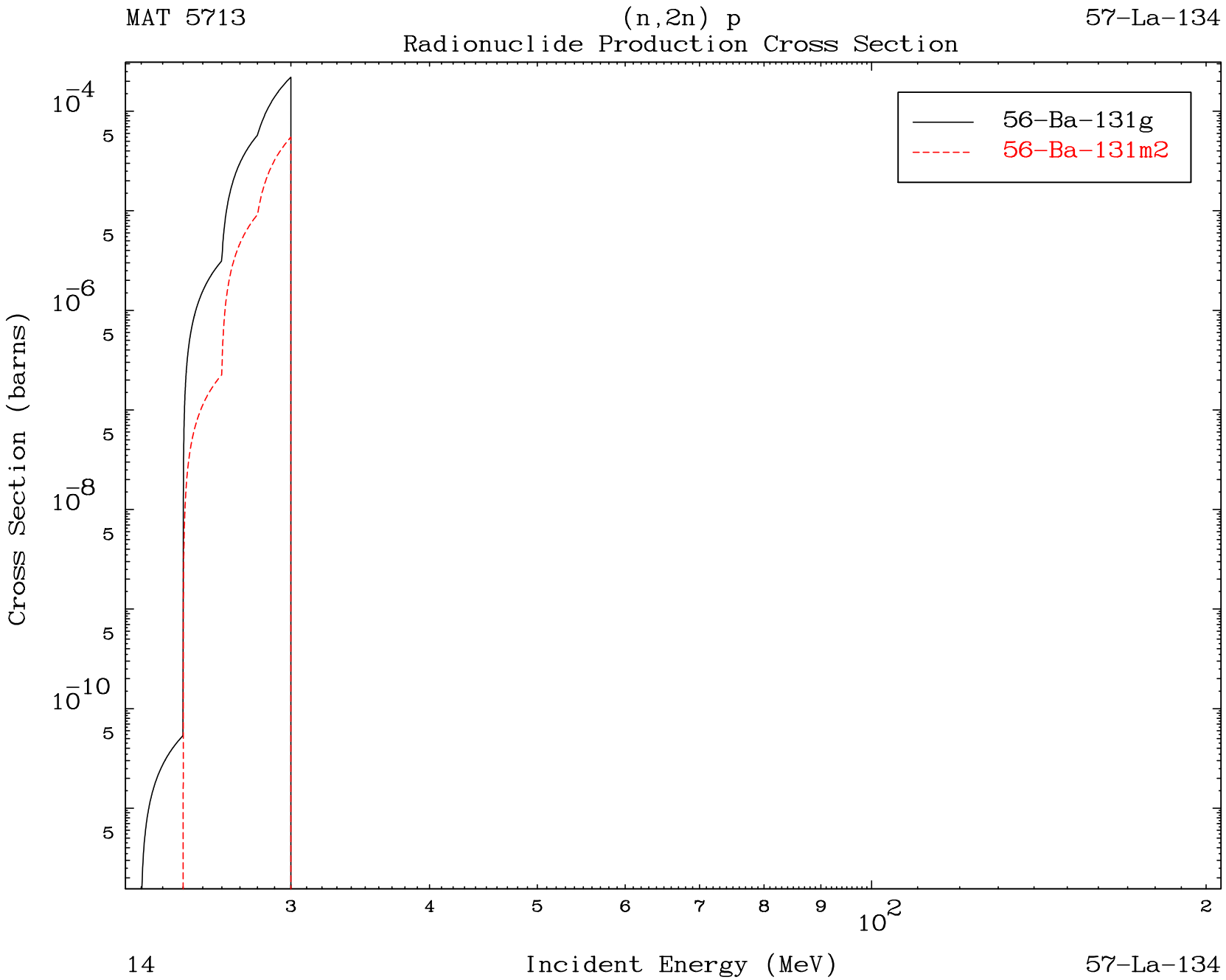


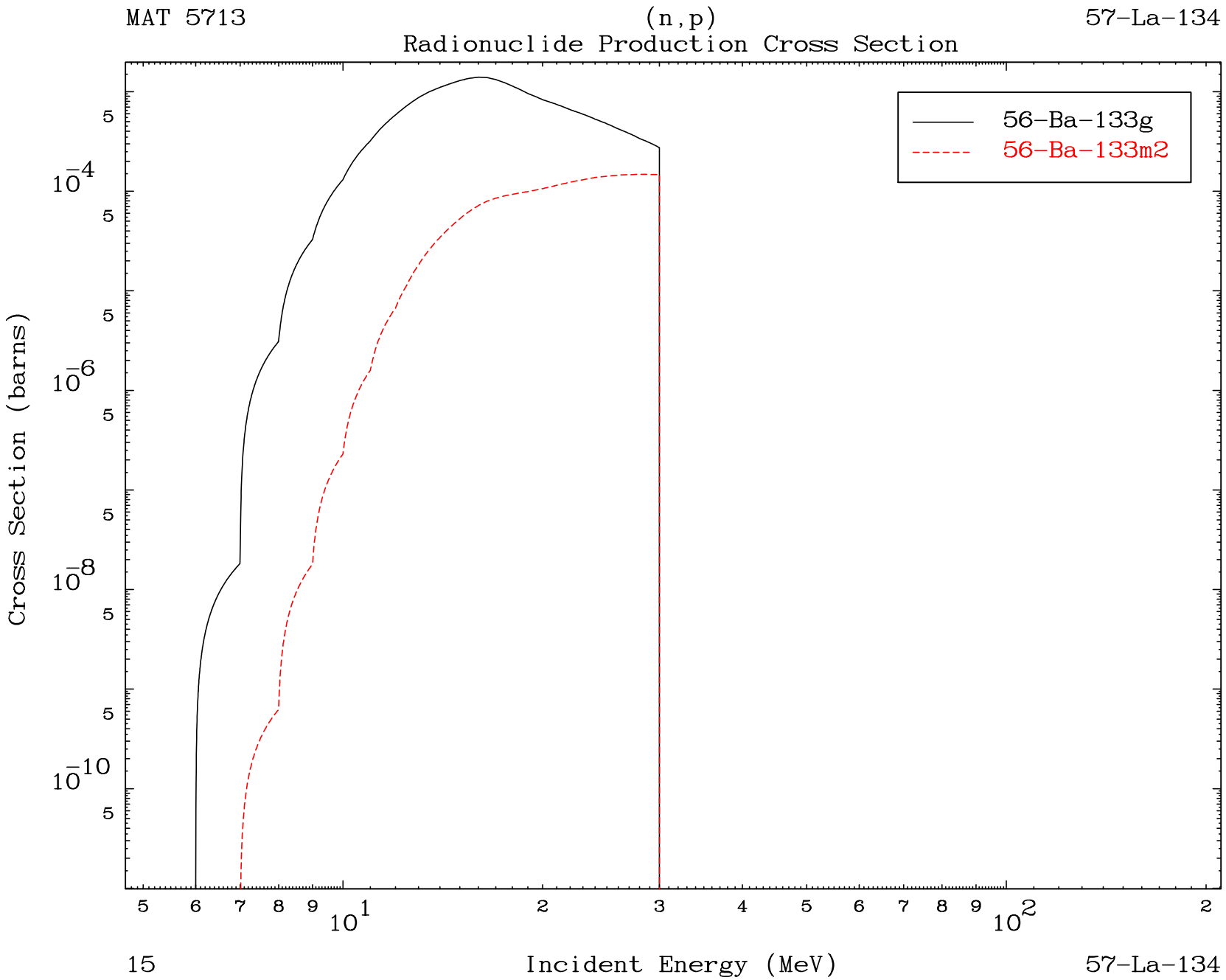

MAT 5713
(γ,He3) Levels
57-La-134
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10
Incident Energy (MeV)
57-La-134

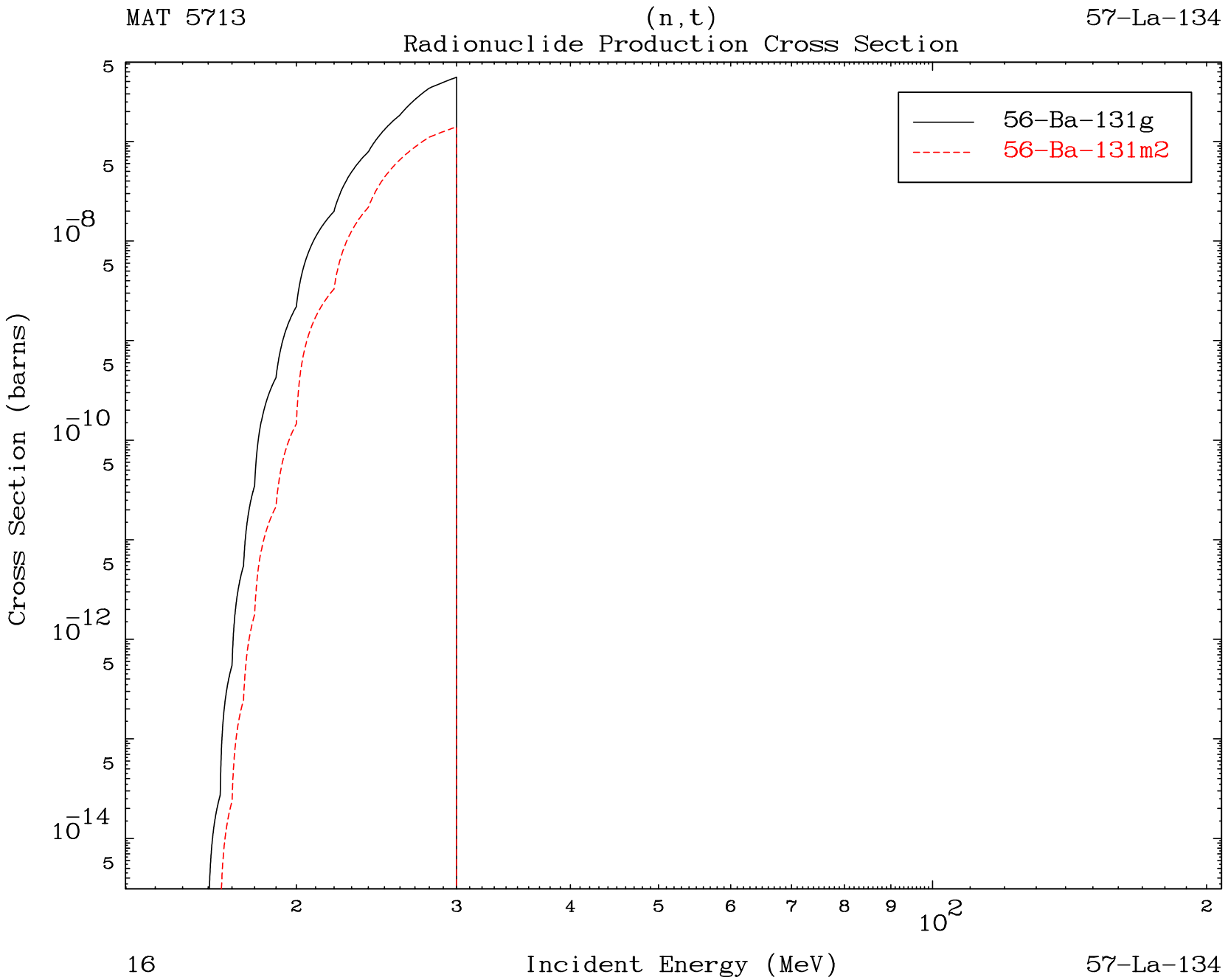

MAT 5713
(γ,α) Levels
57-La-134
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
57-La-134

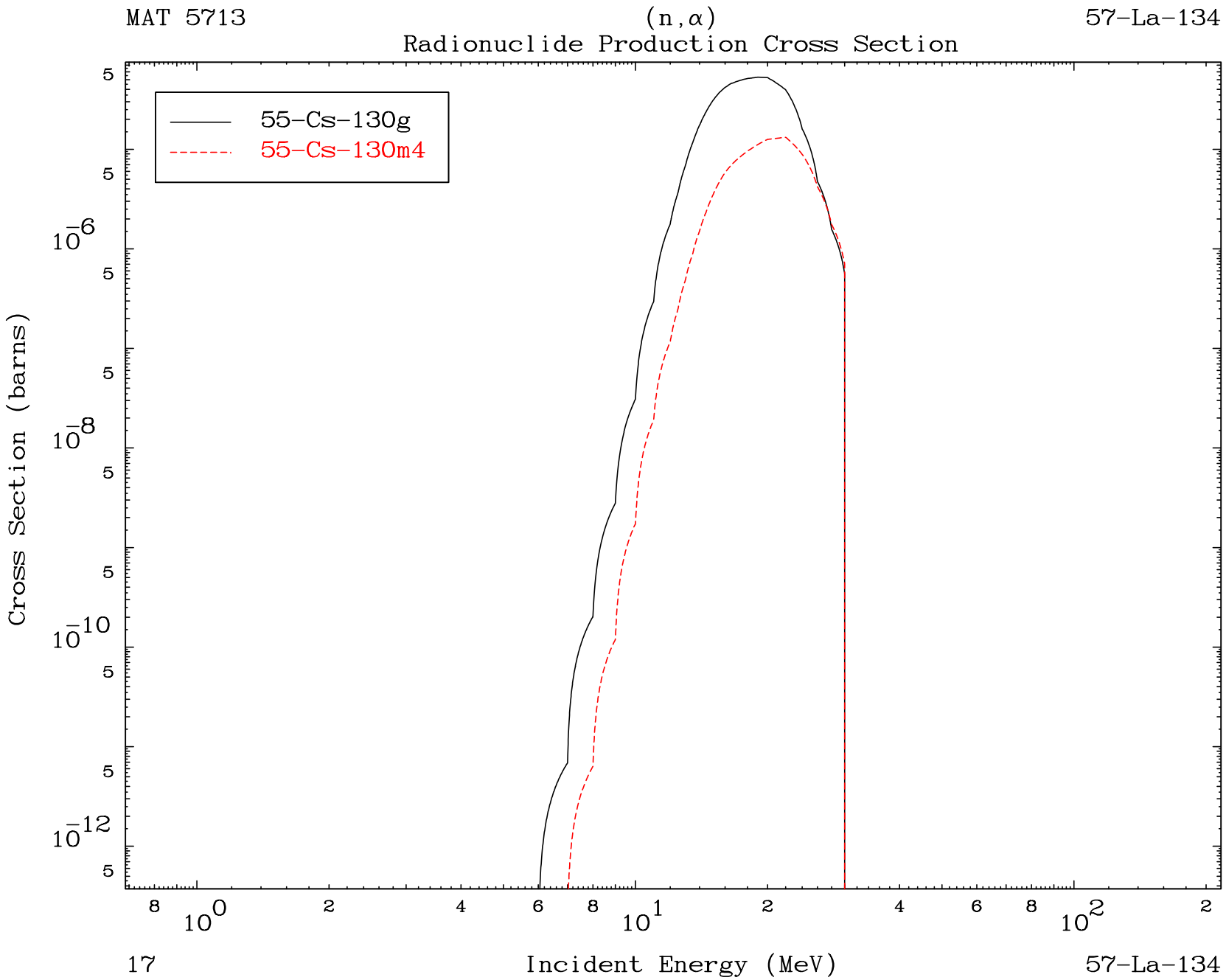

MAT 5713
(n,2n)
57-La-134
Radionuclide Production Cross Section
57-La-132g
57-La-132m4
Cross Section (barns)
Incident Energy (MeV)
12
57-La-134

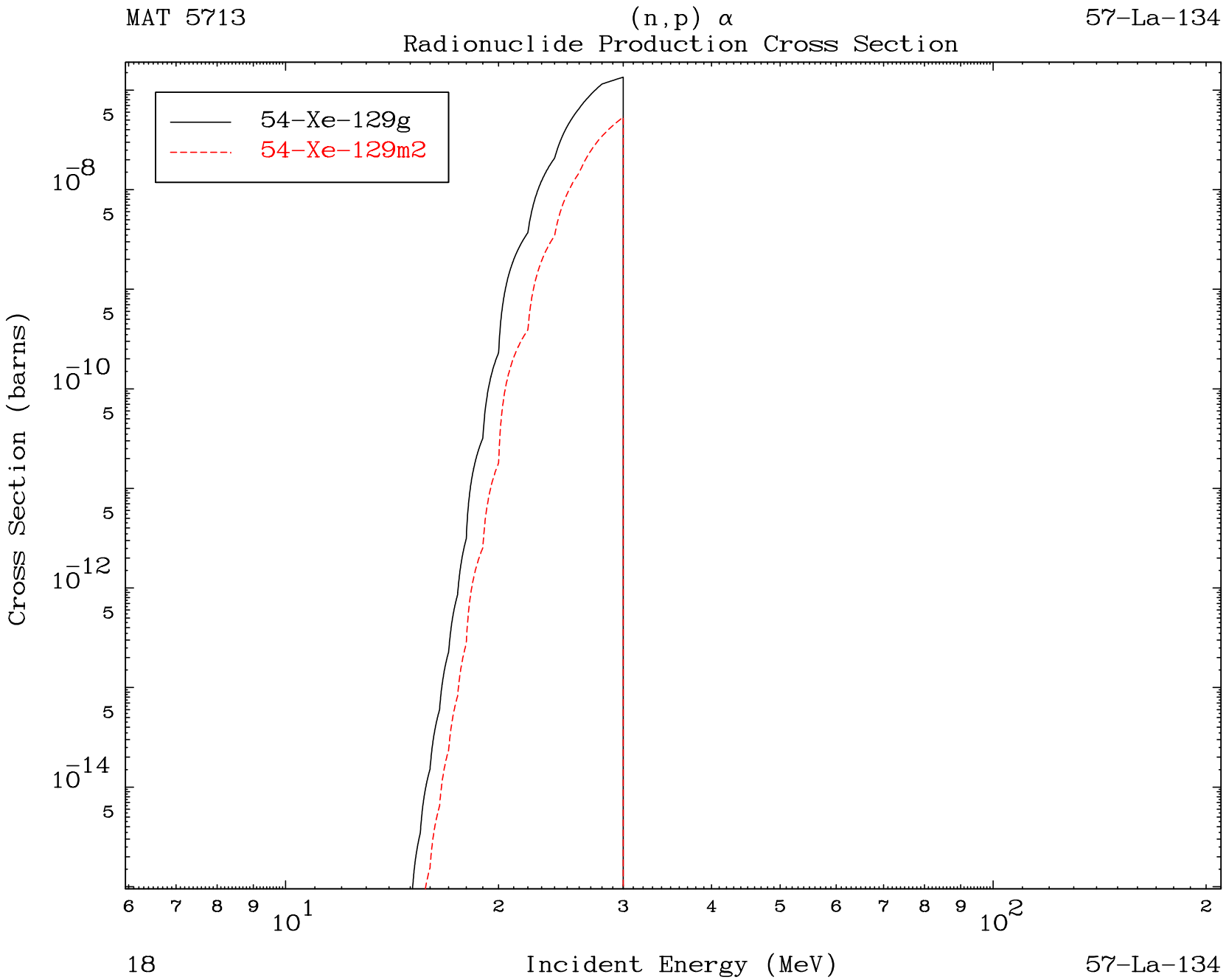

MAT 5713
(n,n') d
57-La-134
Radionuclide Production Cross Section
56-Ba-131g
56-Ba-131m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
57-La-134


MAT 5713
(n,2n) p
57-La-134
Radionuclide Production Cross Section
56-Ba-131g
56-Ba-131m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
3
4
5
6
7
8
9
10^2
2
14
Incident Energy (MeV)
57-La-134


MAT 5713
(n,p)
57-La-134
Radionuclide Production Cross Section
56-Ba-133g
56-Ba-133m2
Cross Section (barns)
Incident Energy (MeV)
15
57-La-134


MAT 5713
(n,t)
57-La-134
Radionuclide Production Cross Section
56-Ba-131g
56-Ba-131m2
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
57-La-134


MAT 5713
(n,α)
57-La-134
Radionuclide Production Cross Section
55-Cs-130g
55-Cs-130m4
Cross Section (barns)
Incident Energy (MeV)
17
57-La-134


MAT 5713
(n,p) α
57-La-134
Radionuclide Production Cross Section
54-Xe-129g
54-Xe-129m2
Cross Section (barns)
10-8
10-10
10-12
10-14
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
18
Incident Energy (MeV)
57-La-134