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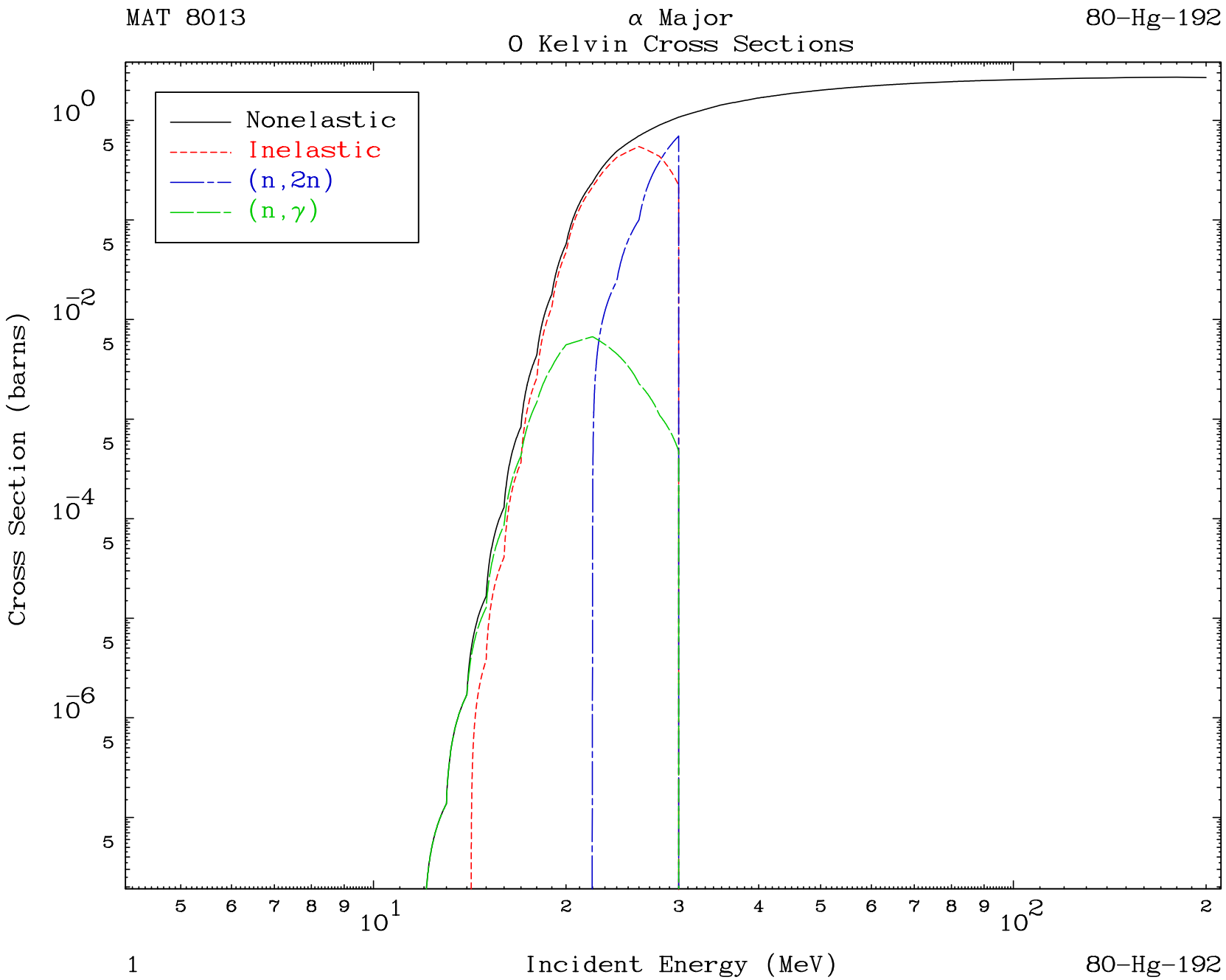
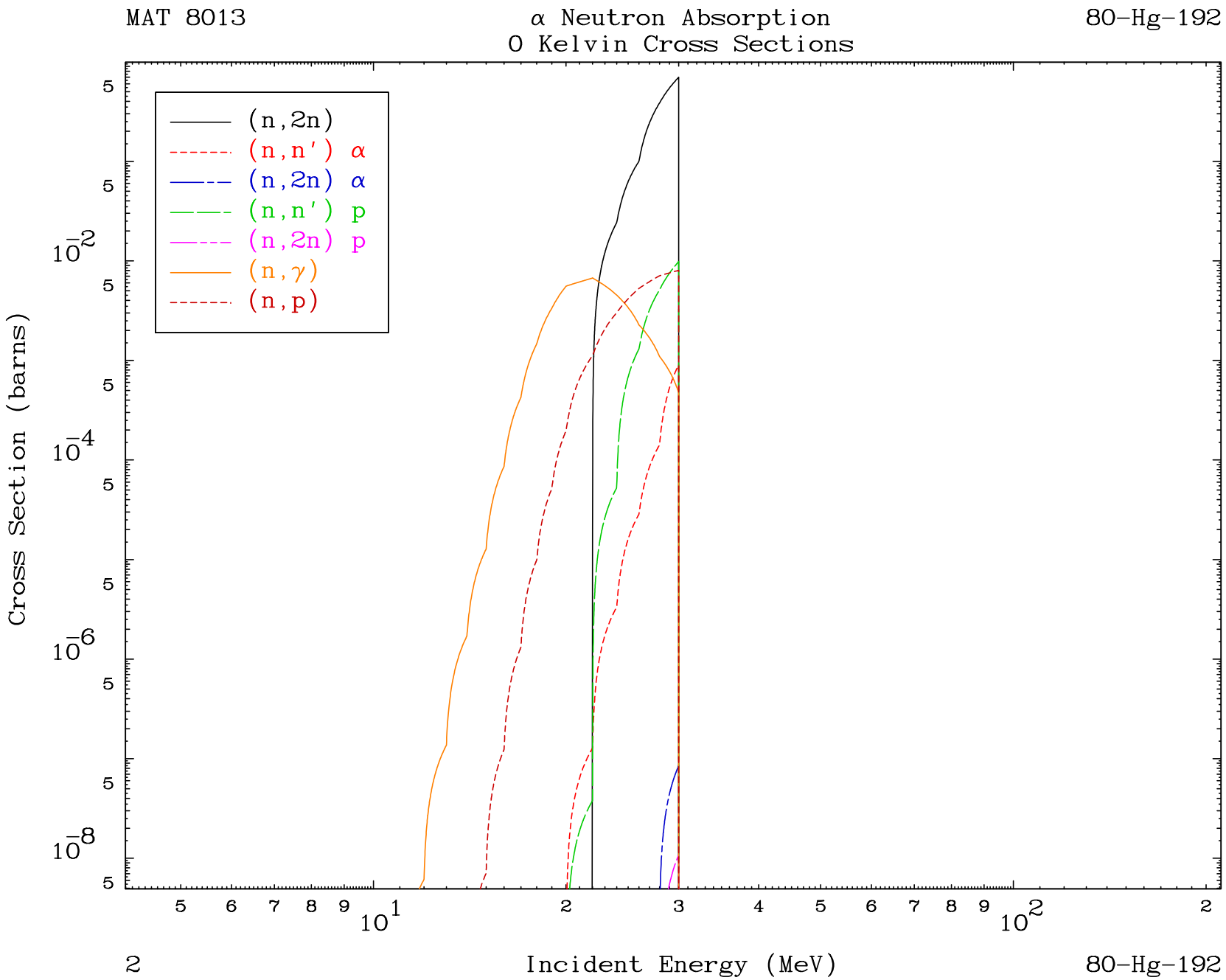
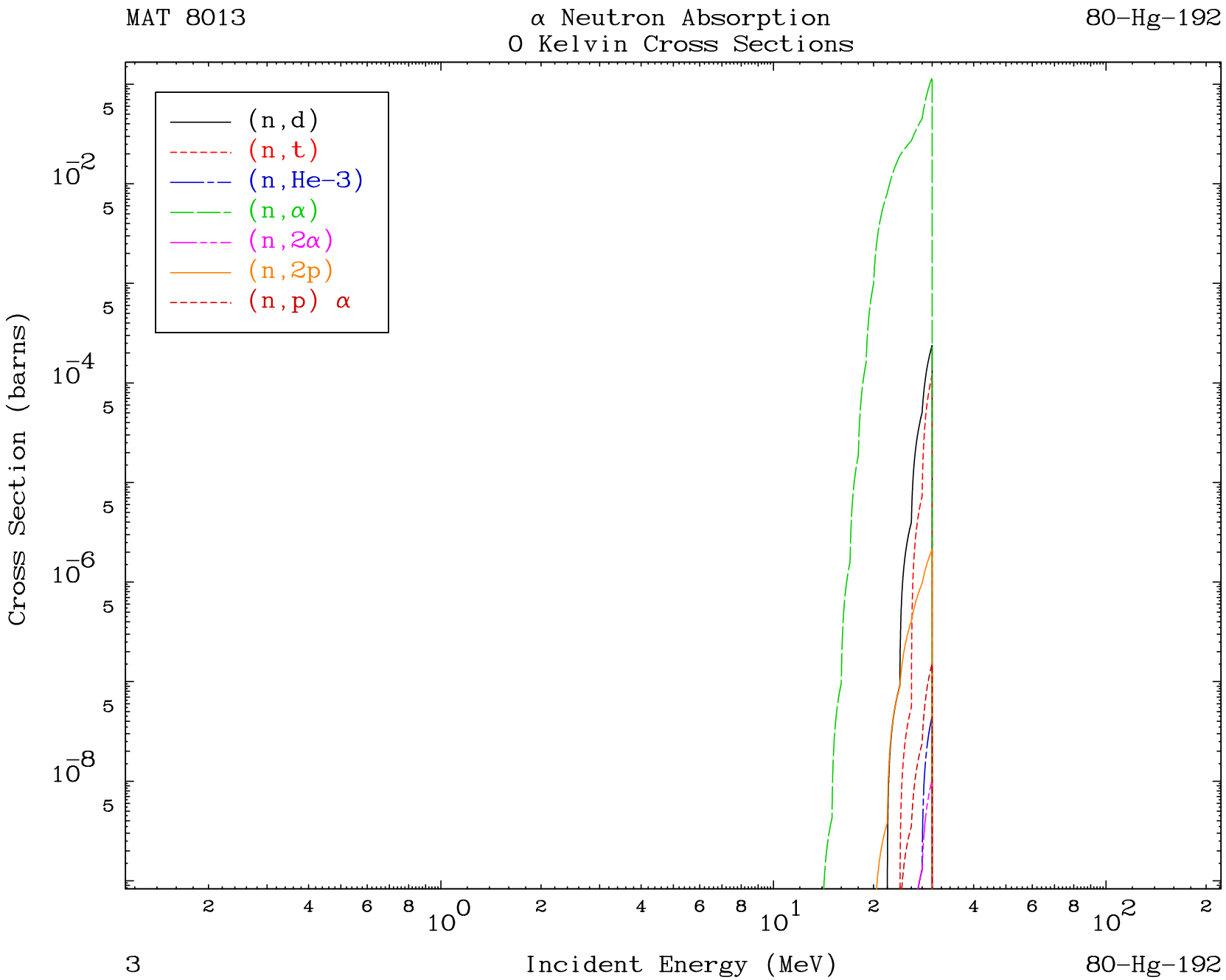
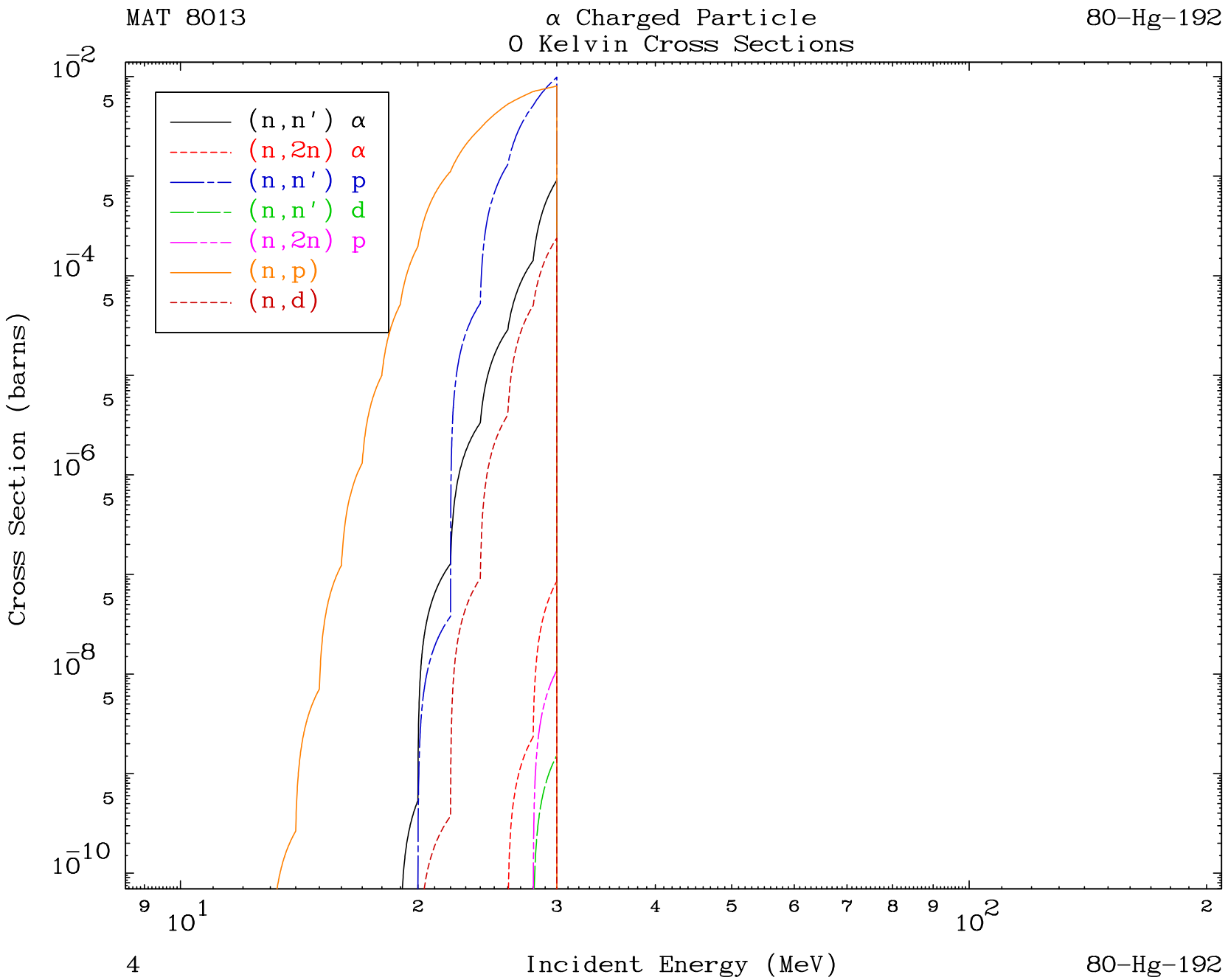
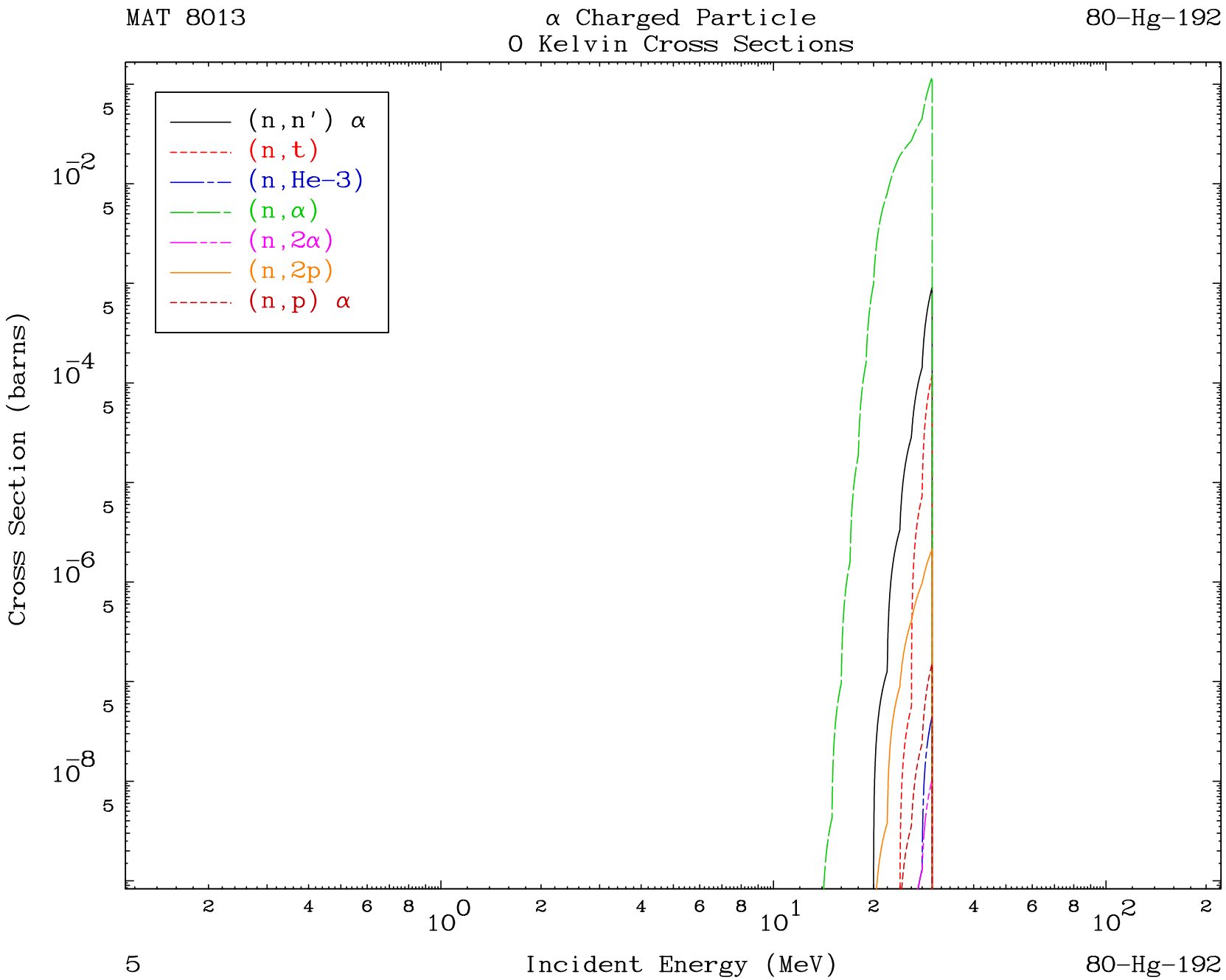
Press Mouse Button to Start

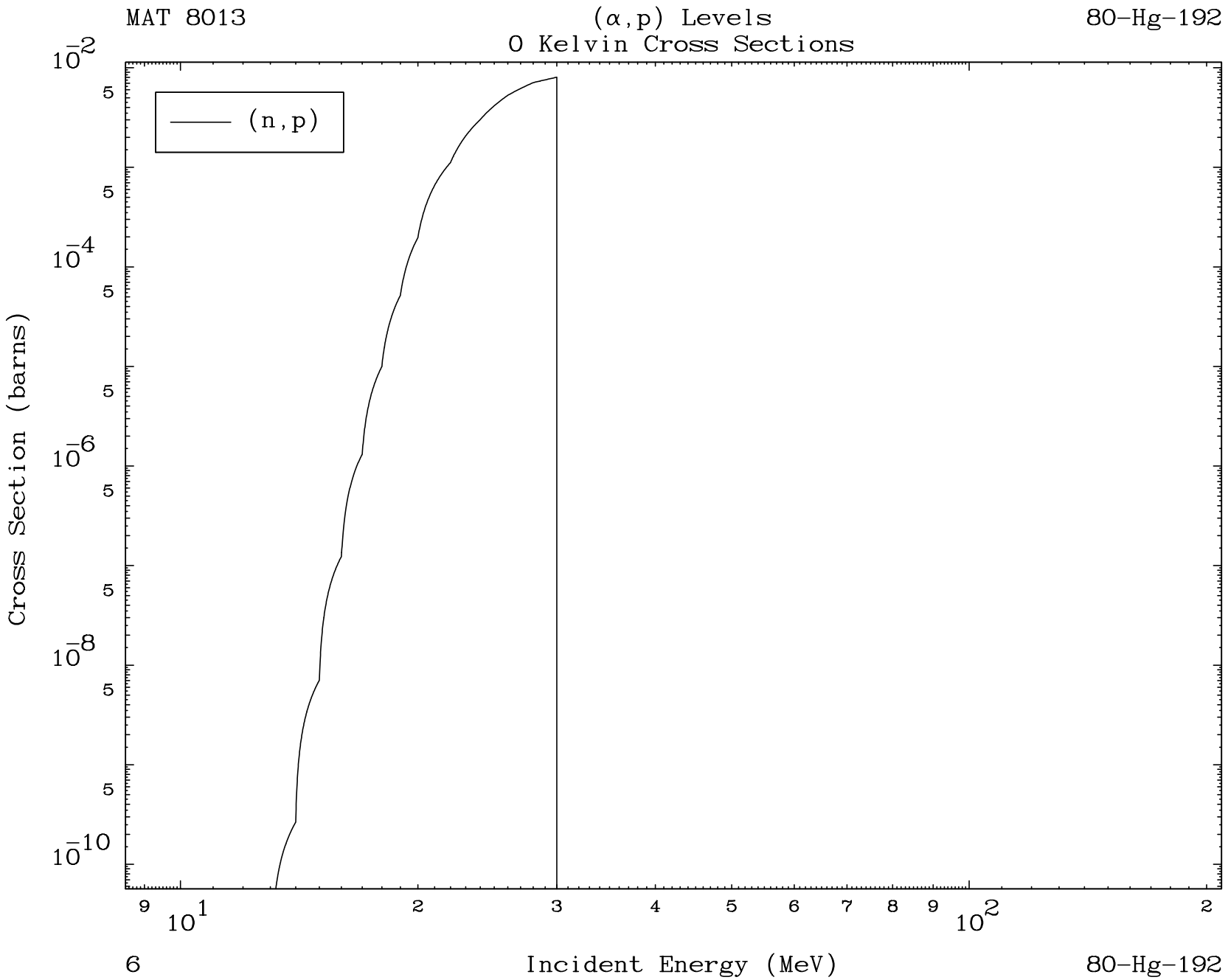

MAT 8013
α Major
80-Hg-192
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-192

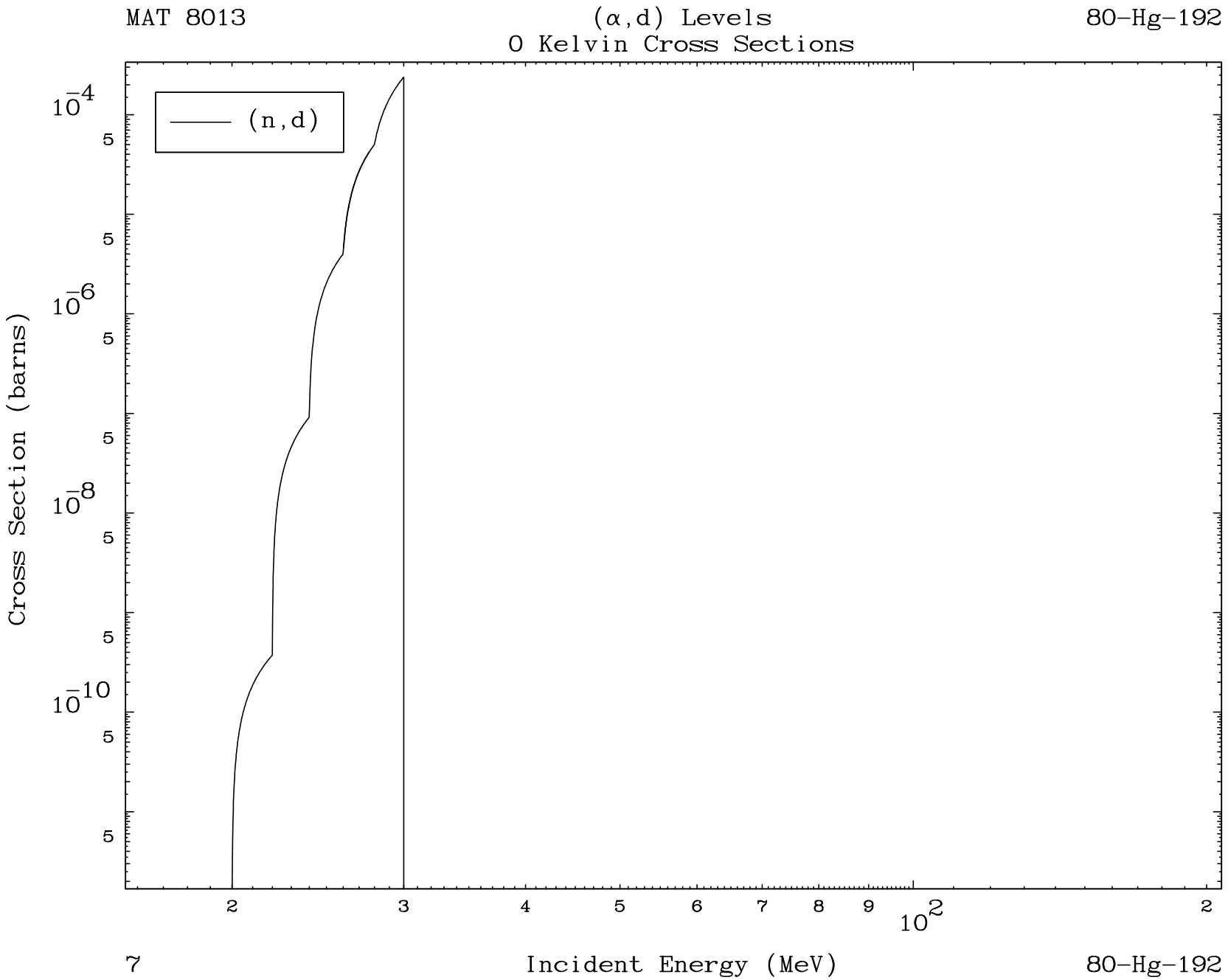

MAT 8013
α Neutron Absorption
0 Kelvin Cross Sections
80-Hg-192
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,2n) p
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-192
2

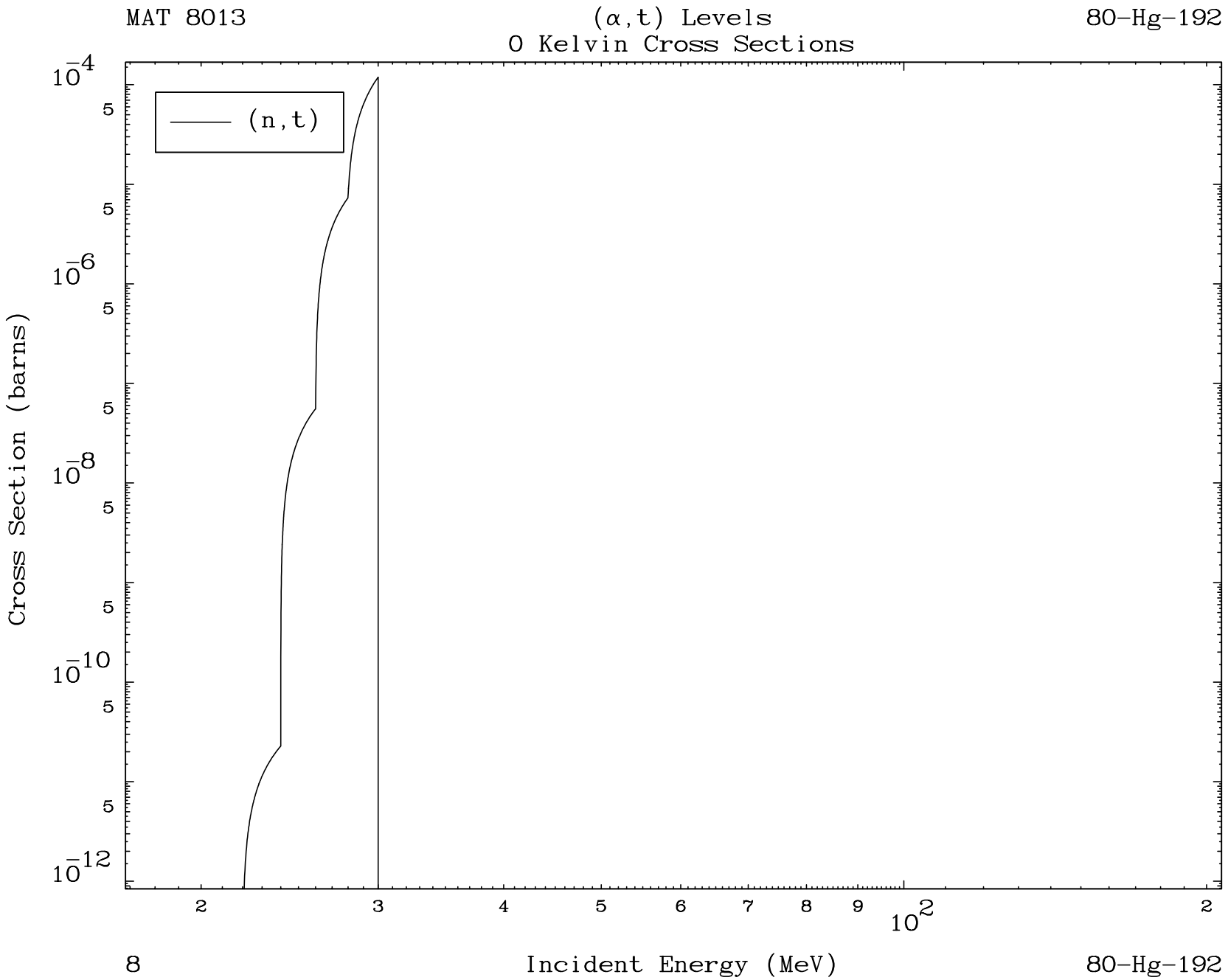

MAT 8013
α Neutron Absorption
0 Kelvin Cross Sections
80-Hg-192
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
3
80-Hg-192

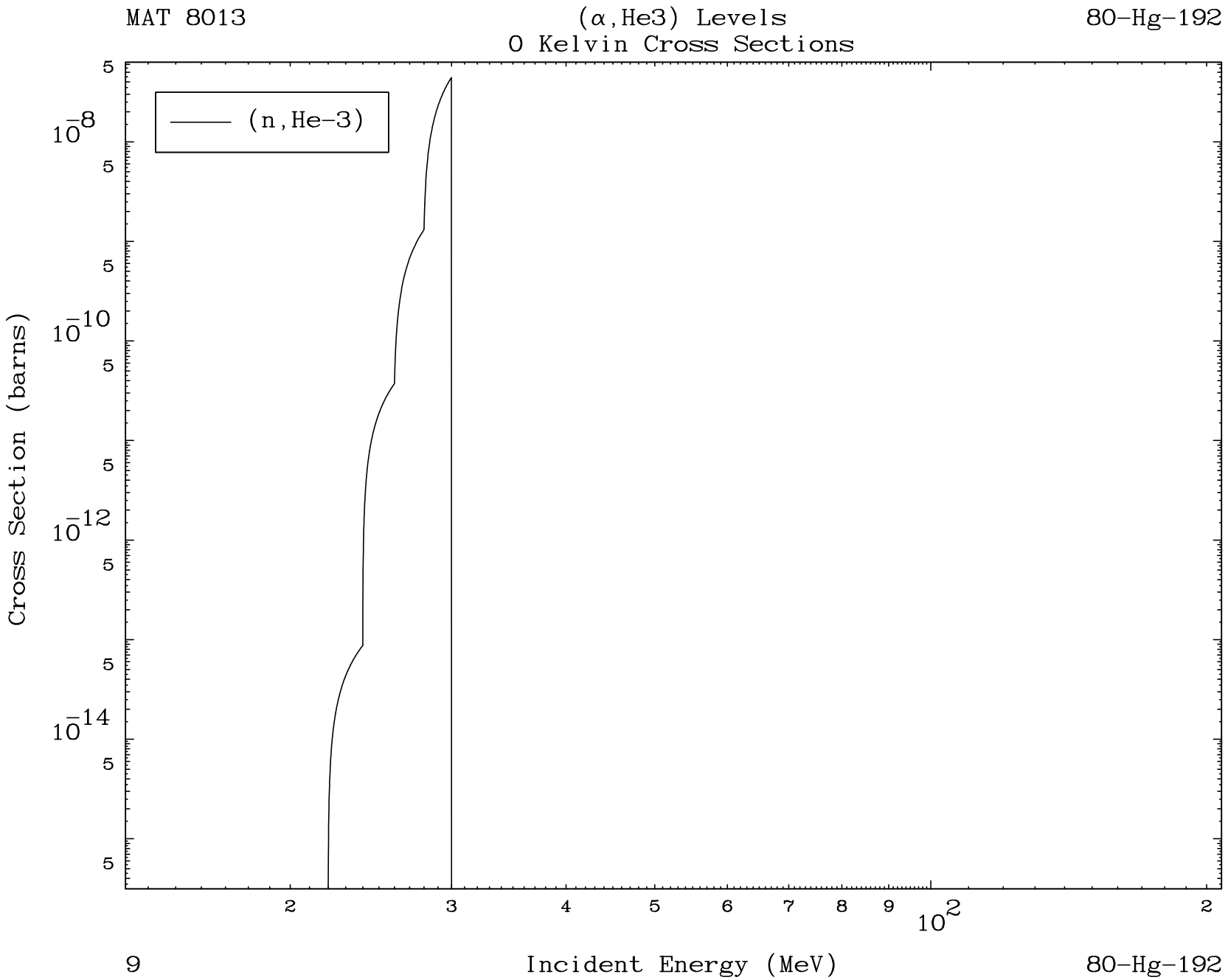

MAT 8013
α Charged Particle
0 Kelvin Cross Sections
80-Hg-192
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,2n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
4
80-Hg-192

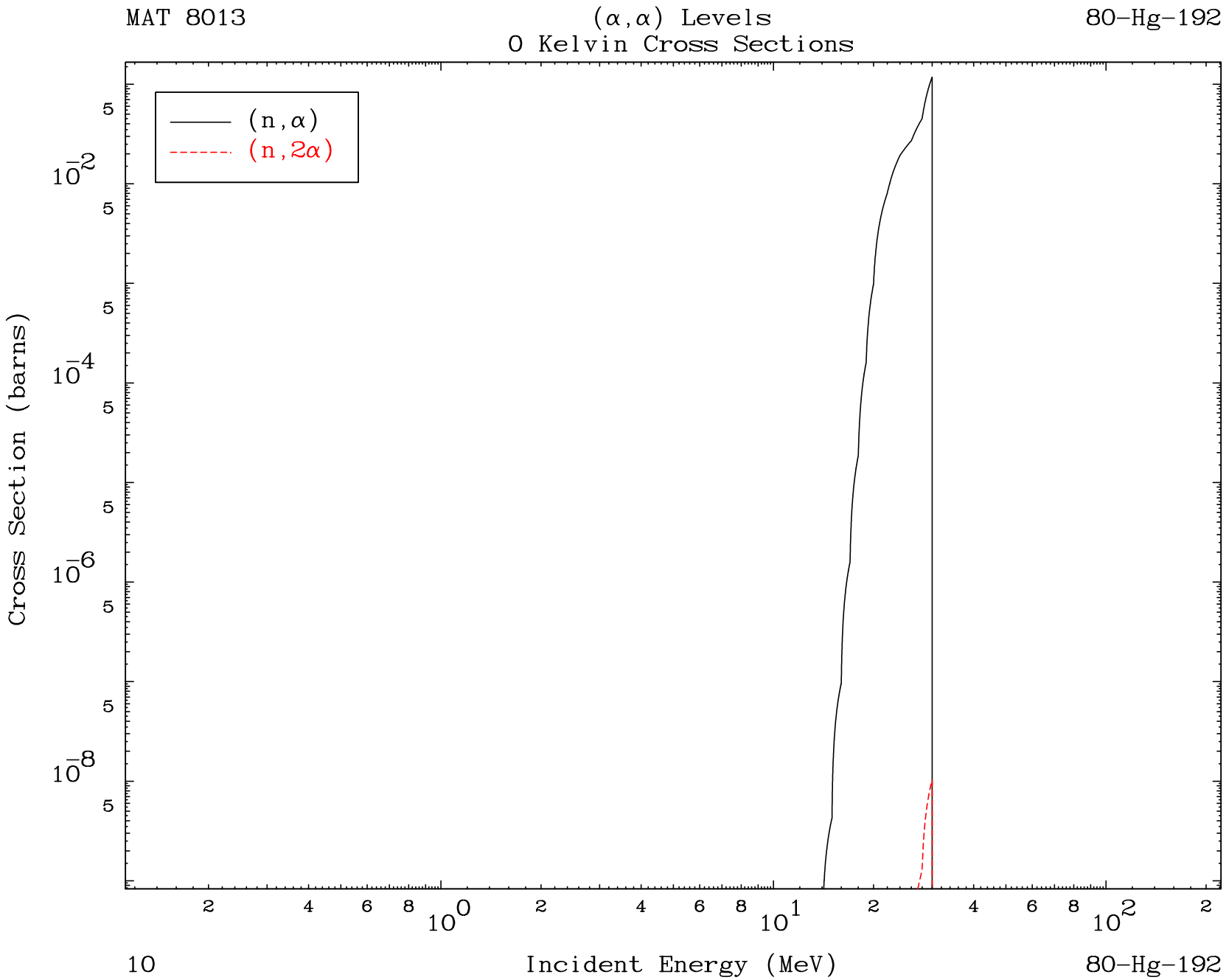

MAT 8013
α Charged Particle
0 Kelvin Cross Sections
80-Hg-192
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
5
80-Hg-192

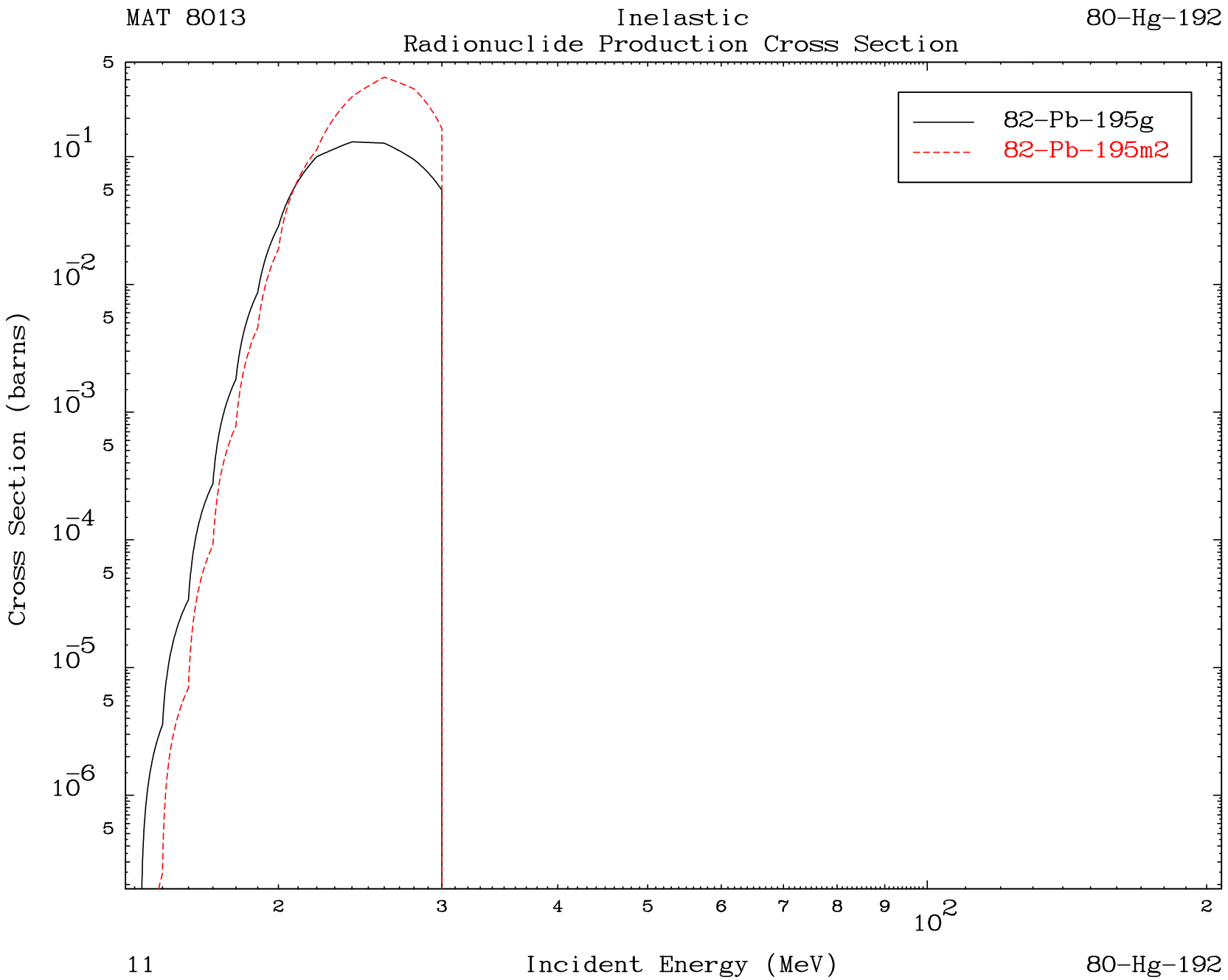

MAT 8013
(α,p) Levels
80-Hg-192
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-192
6

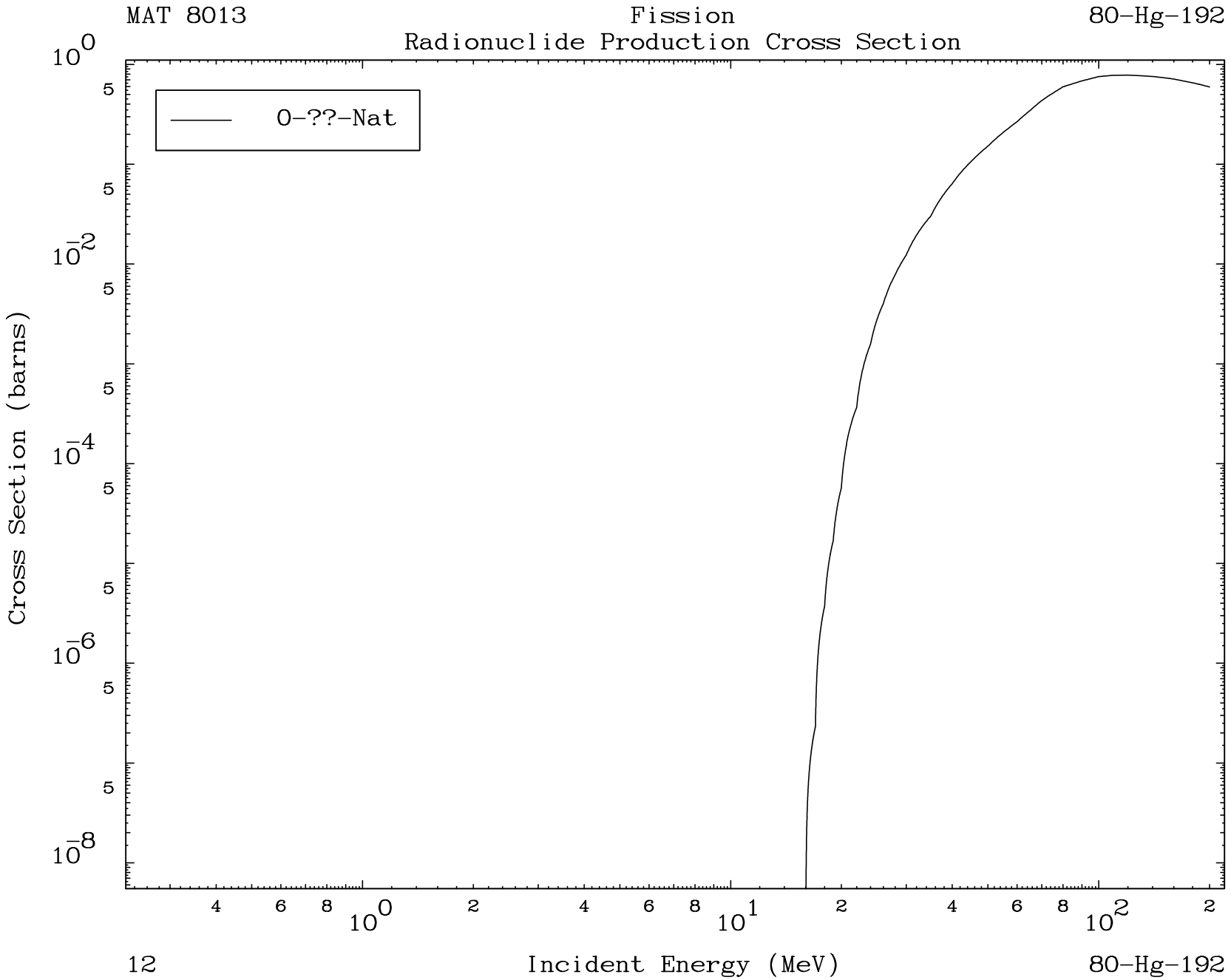

MAT 8013
(α,d) Levels
80-Hg-192
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
7
80-Hg-192

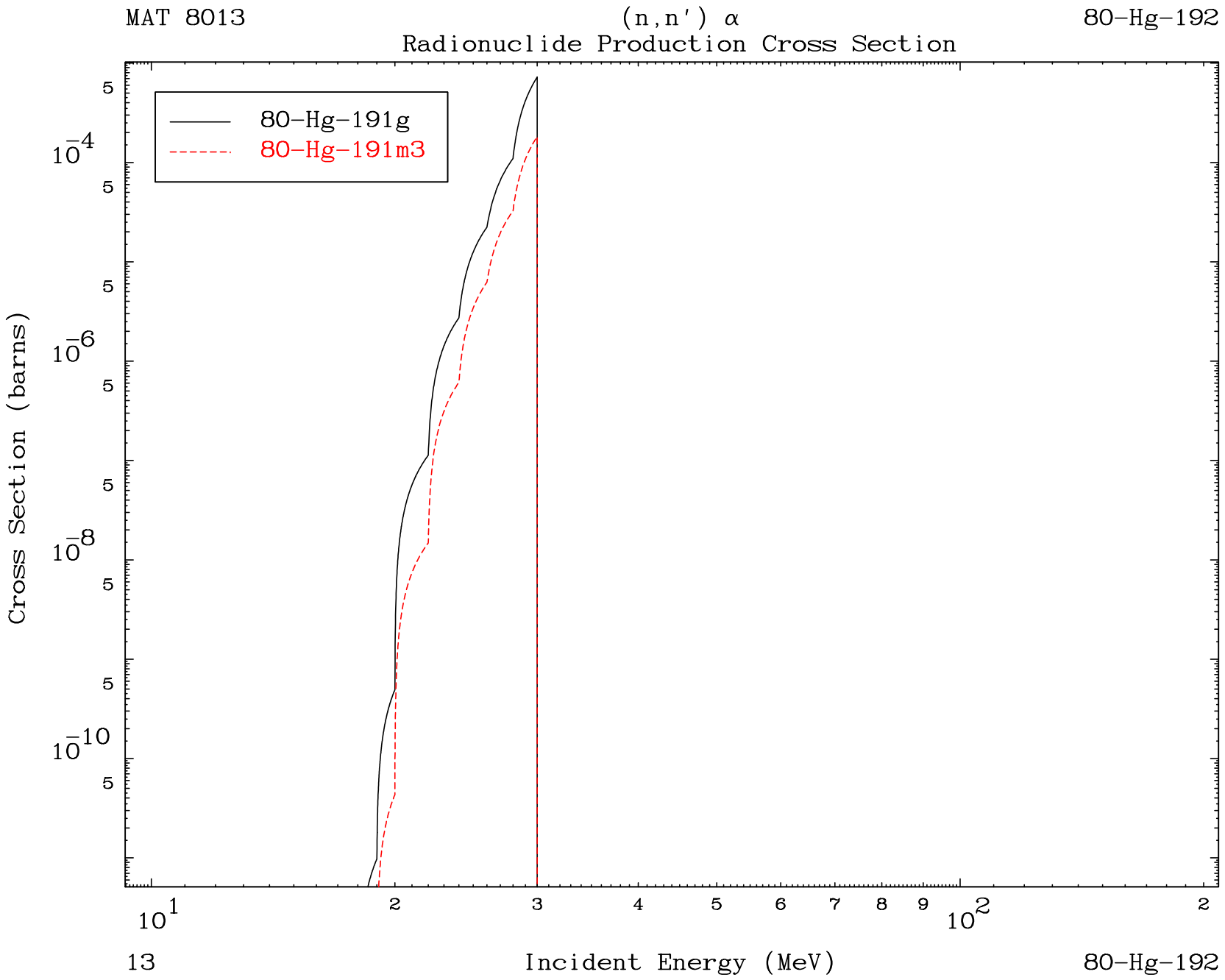

MAT 8013
(α,t) Levels
80-Hg-192
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
8
Incident Energy (MeV)
80-Hg-192

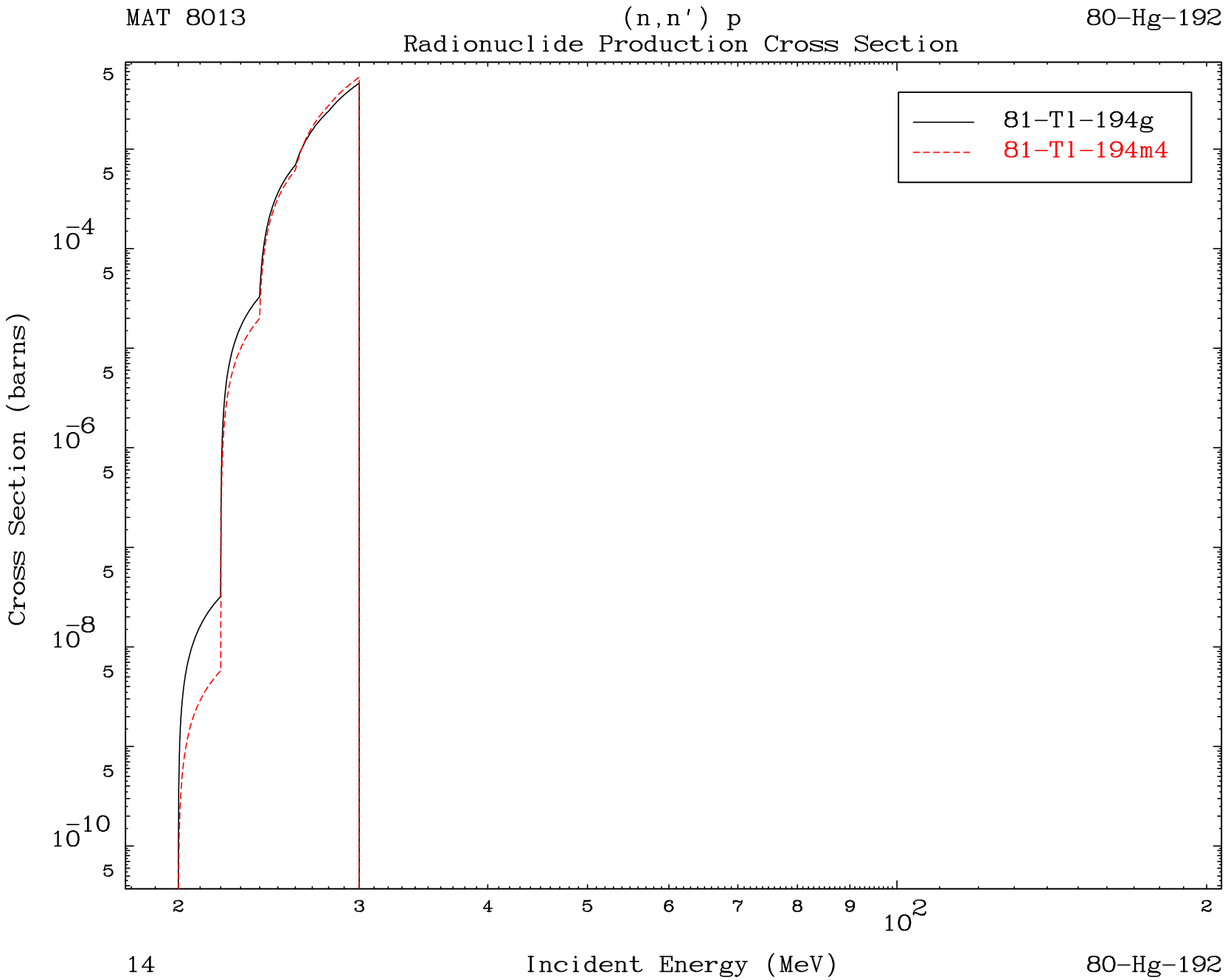

MAT 8013
(α,He3) Levels
80-Hg-192
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
9
Incident Energy (MeV)
80-Hg-192

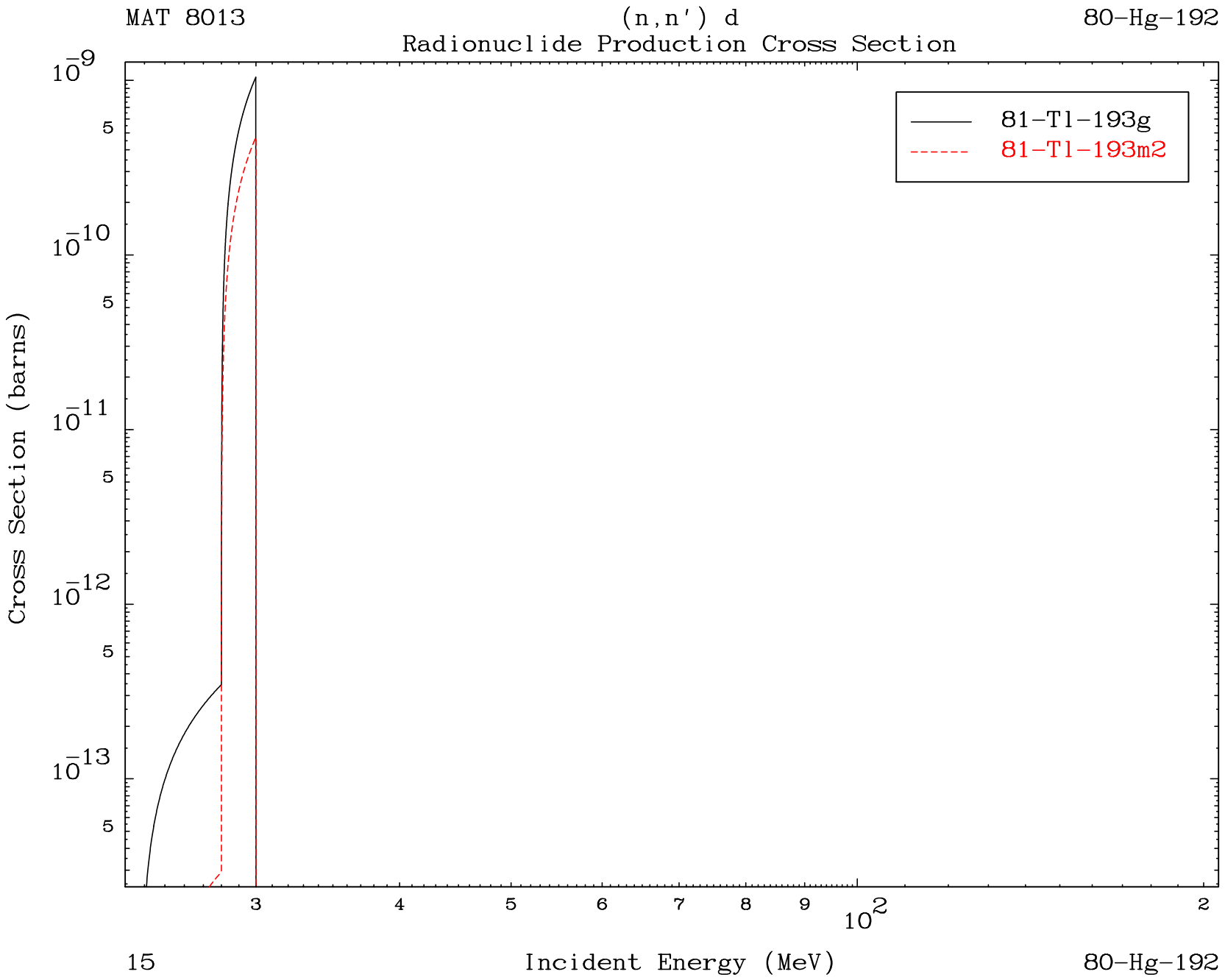

MAT 8013
(α,α) Levels
80-Hg-192
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
10
80-Hg-192

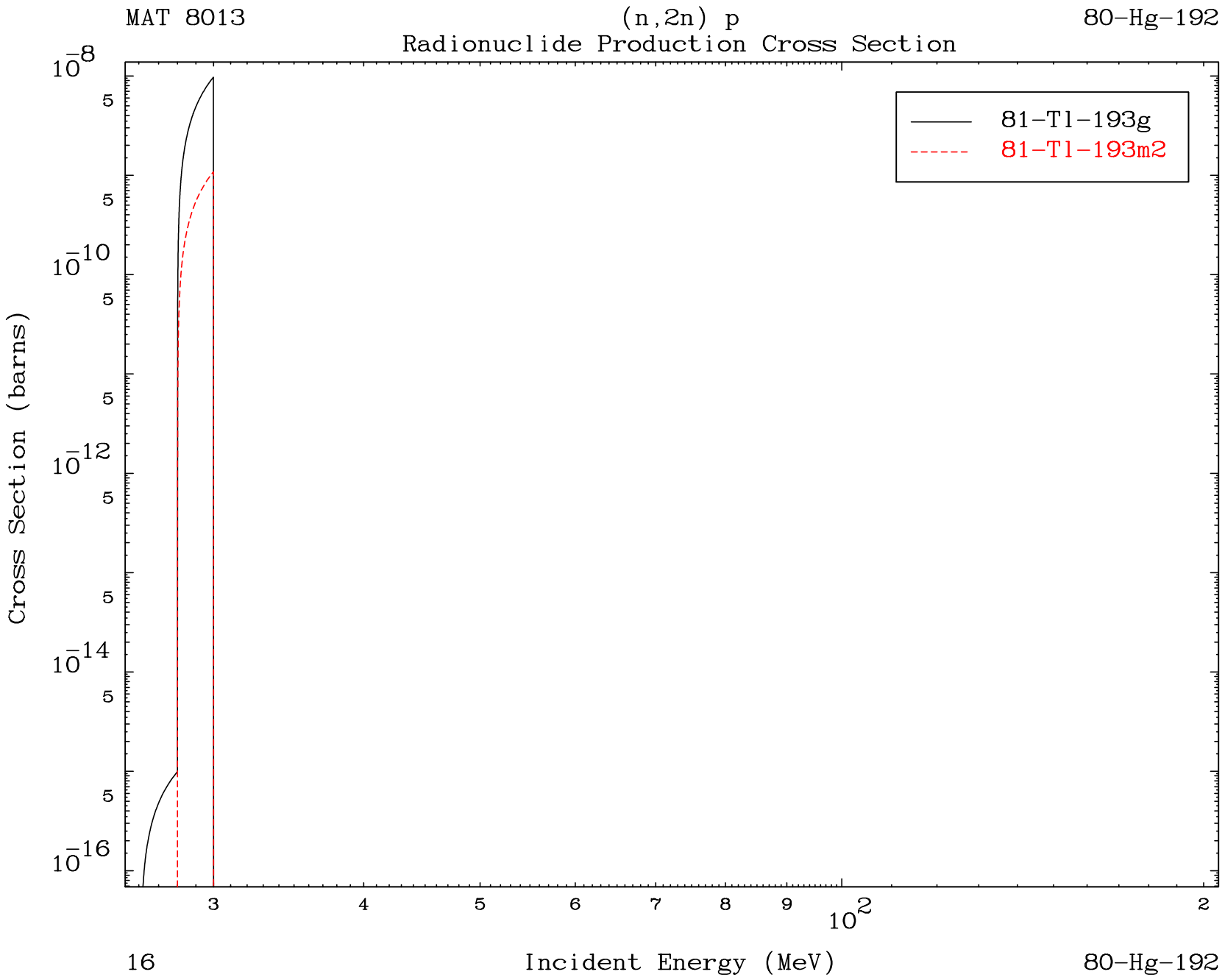

MAT 8013
Inelastic
80-Hg-192
Radionuclide Production Cross Section
82-Pb-195g
82-Pb-195m2
Cross Section (barns)
Incident Energy (MeV)
11
80-Hg-192

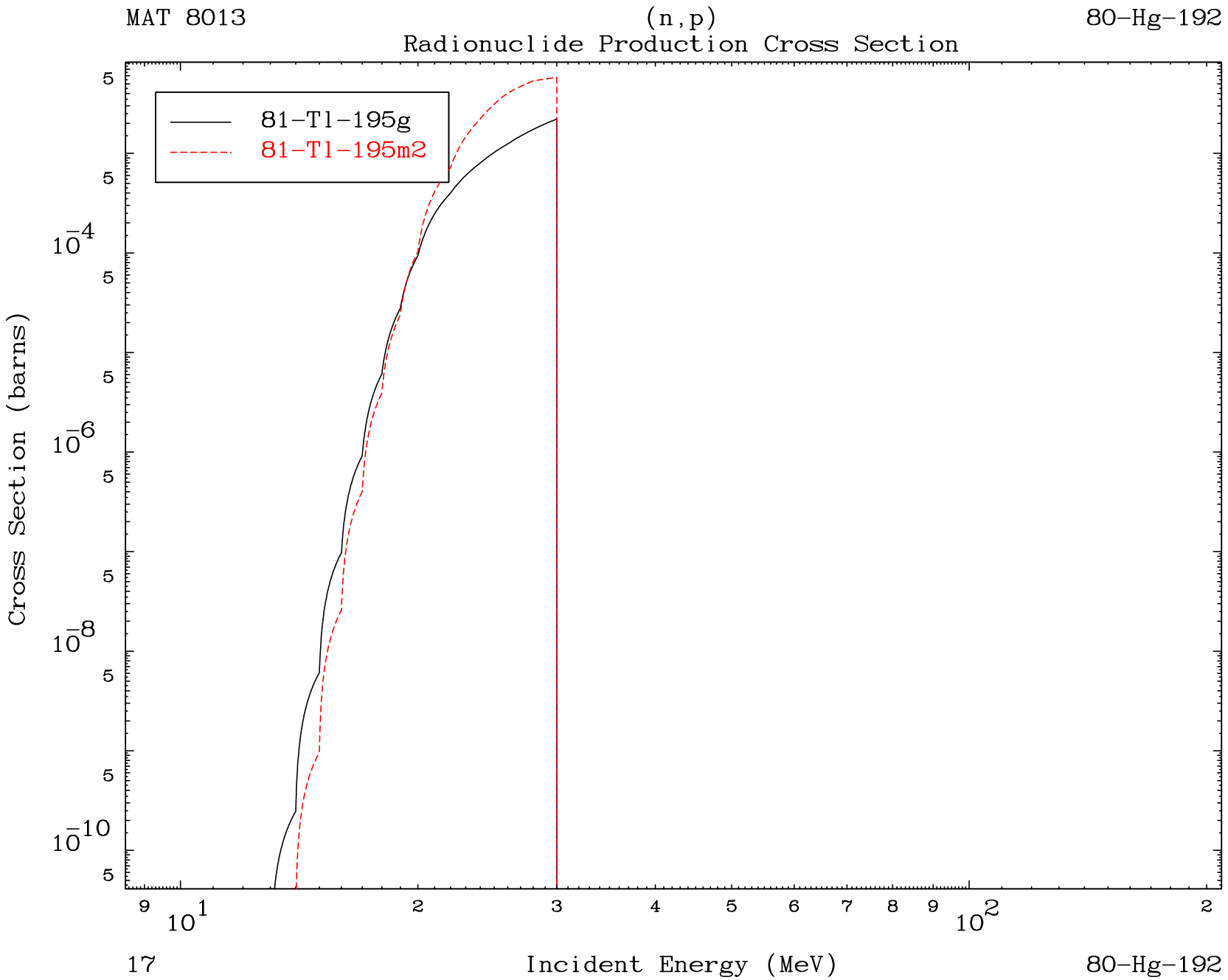

MAT 8013
Fission
80-Hg-192
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
12
80-Hg-192

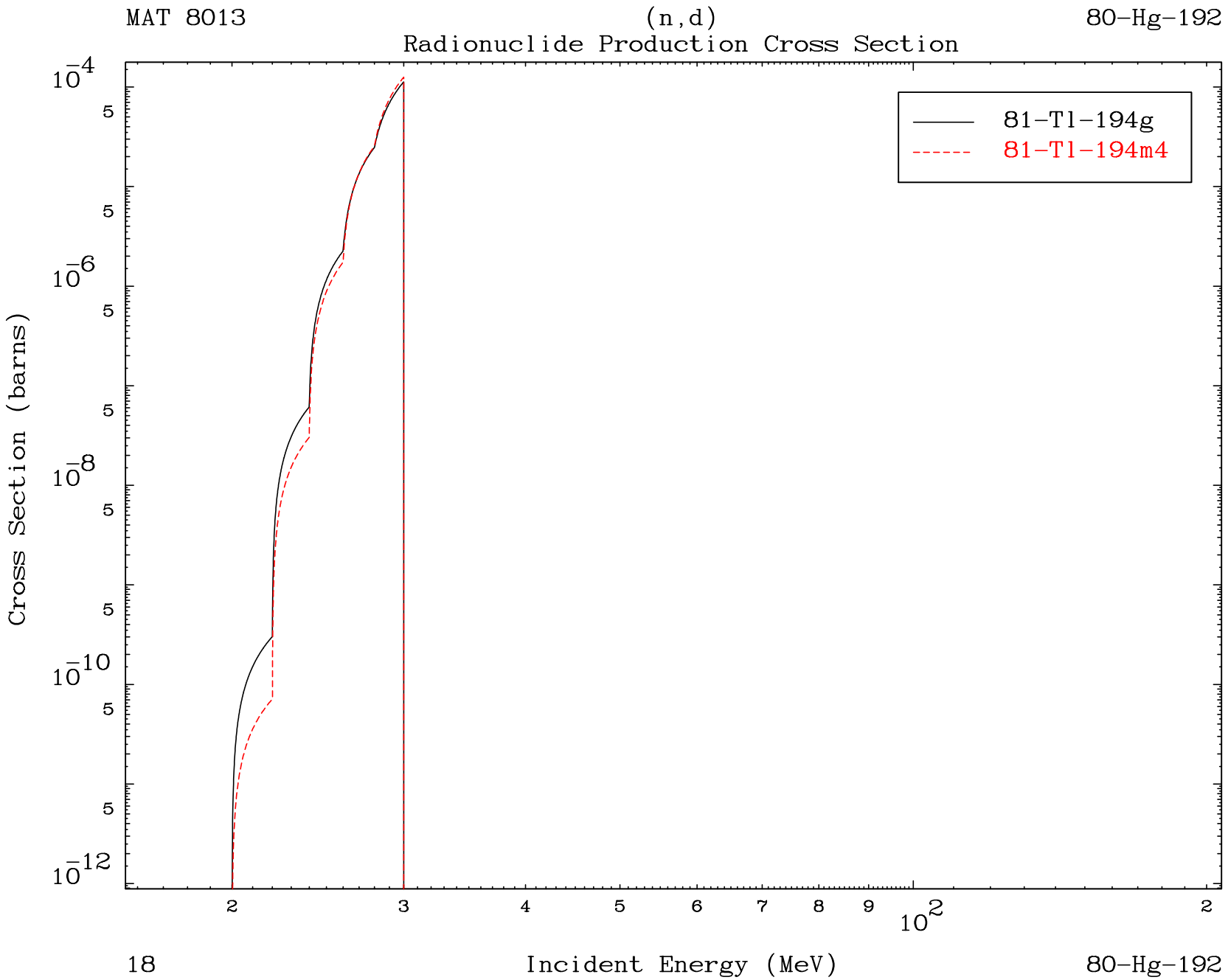

MAT 8013
(n,n') α
80-Hg-192
Radionuclide Production Cross Section
80-Hg-191g
80-Hg-191m3
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
13
80-Hg-192

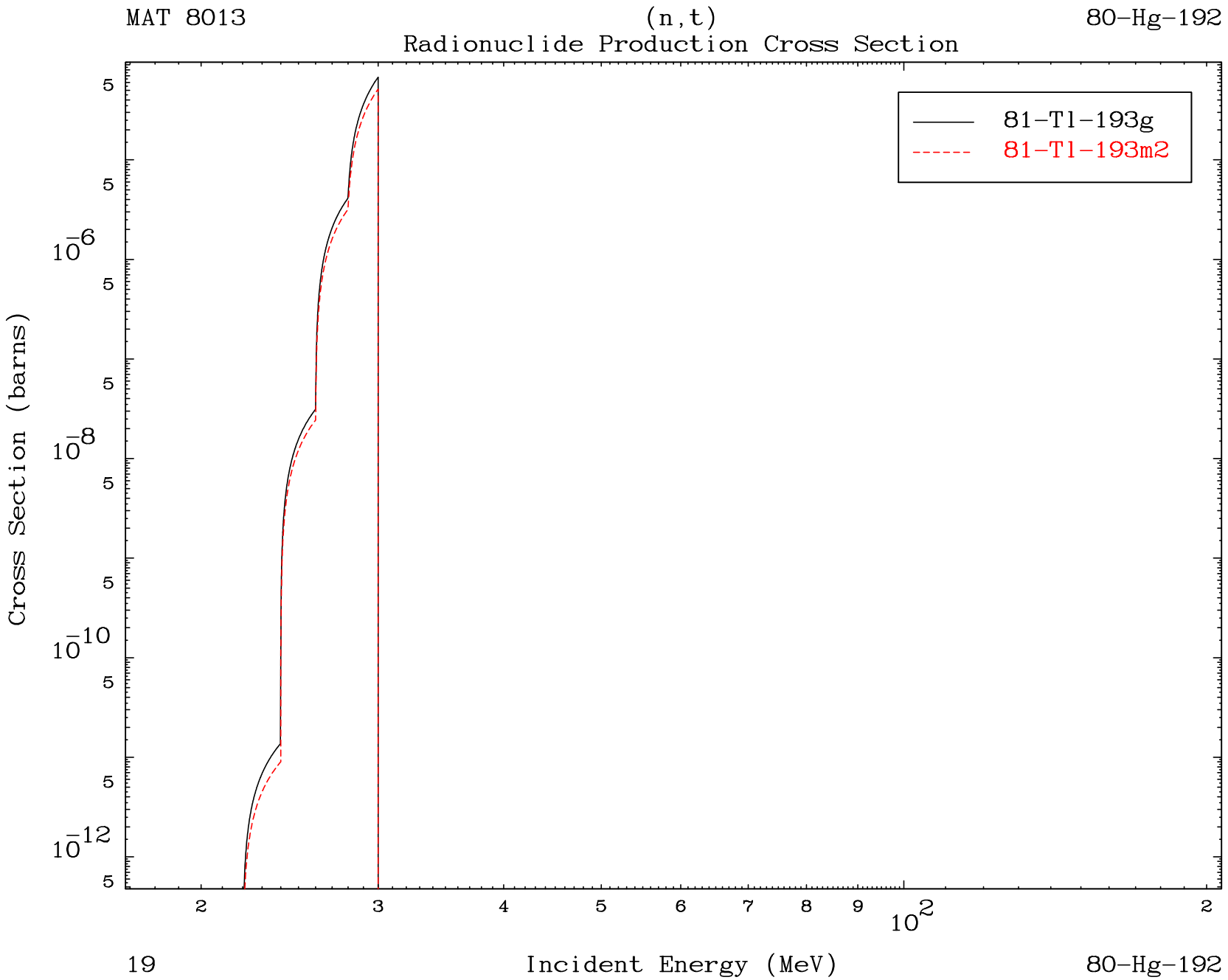

MAT 8013
(n,n') p
80-Hg-192
Radionuclide Production Cross Section
81-Tl-194g
81-Tl-194m4
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
14
Incident Energy (MeV)
80-Hg-192

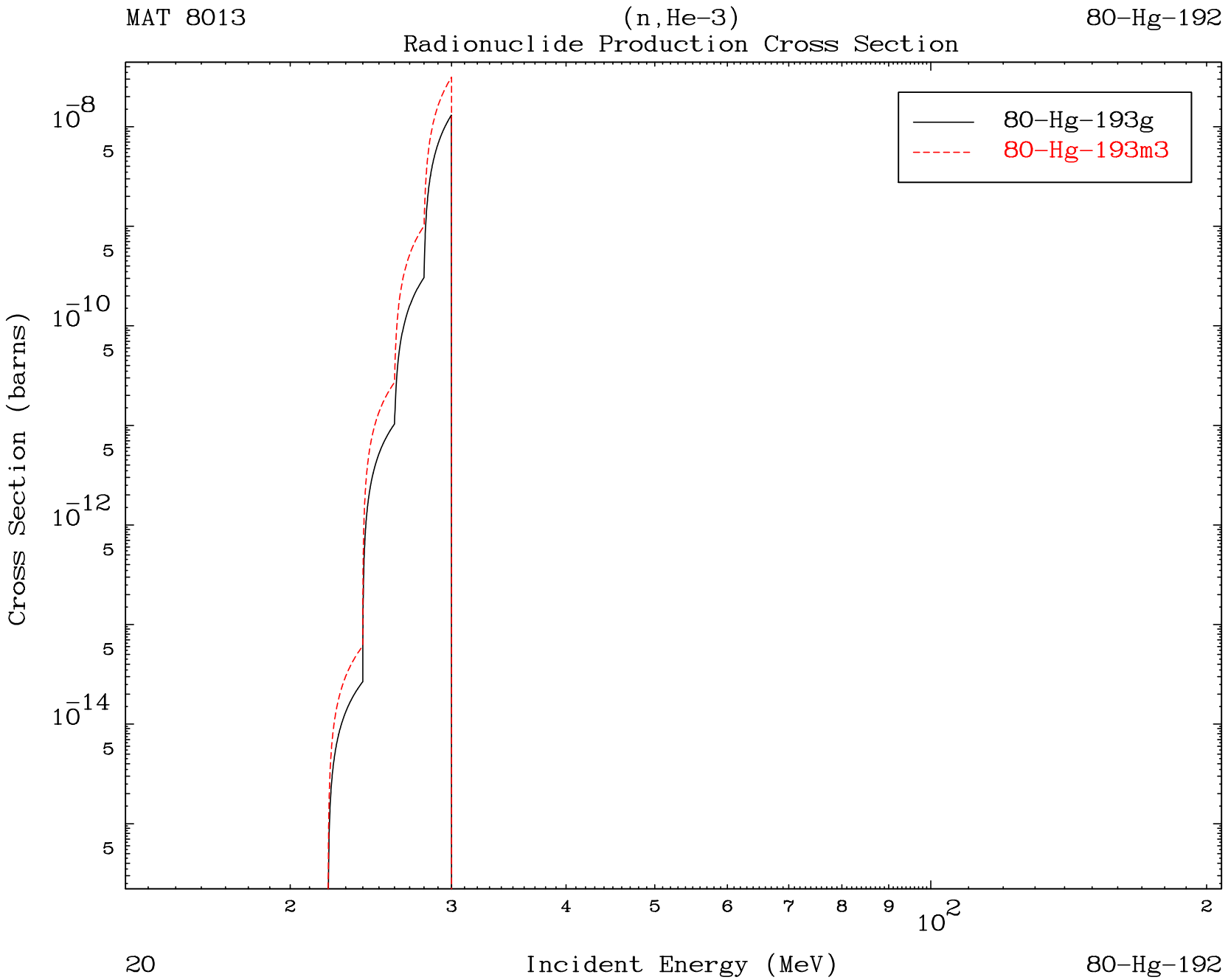

MAT 8013
(n,n') d
80-Hg-192
Radionuclide Production Cross Section
81-Tl-193g
81-Tl-193m2
Cross Section (barns)
10-9
5
10-10
5
10-11
5
10-12
5
10-13
5
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
80-Hg-192

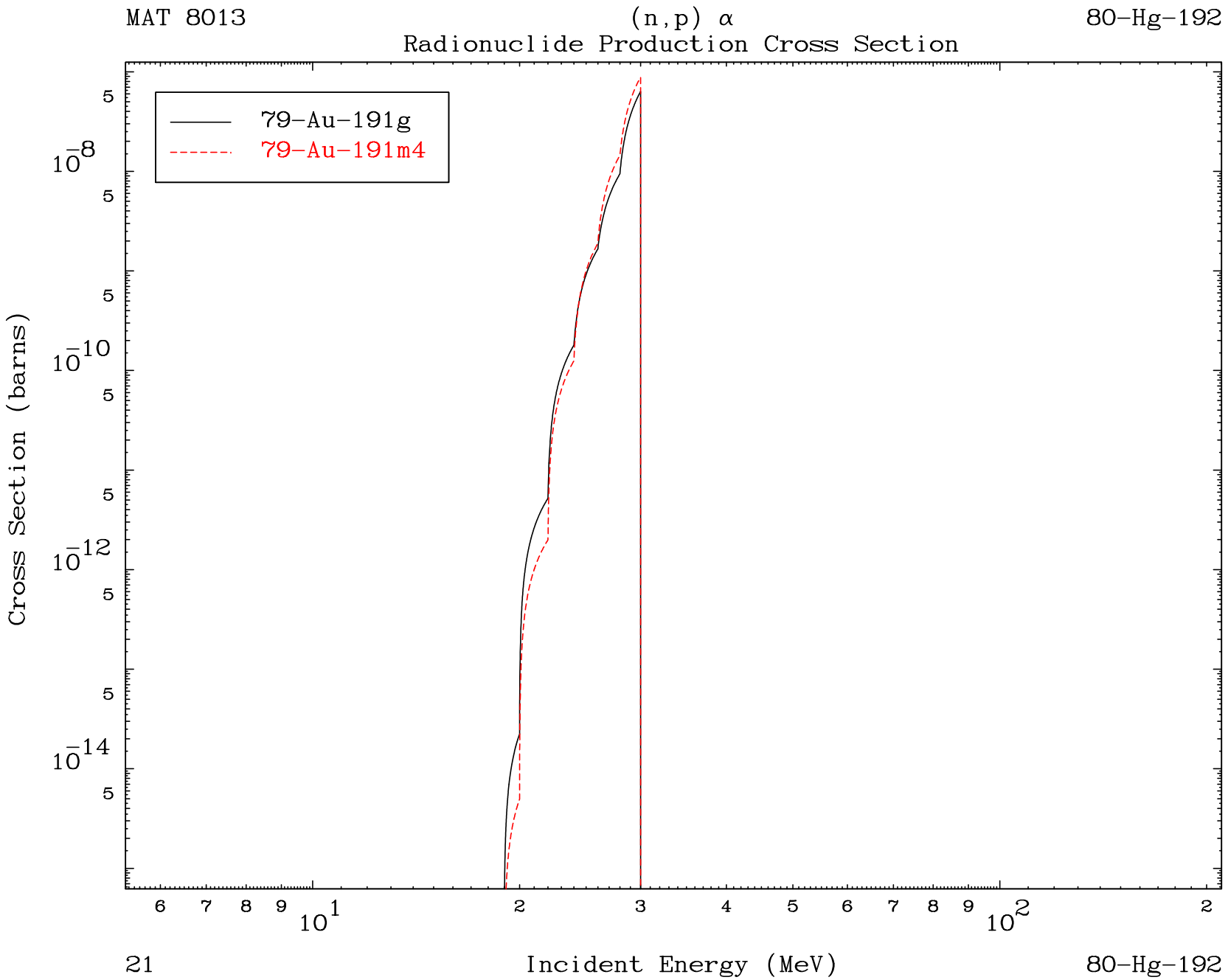

MAT 8013
(n,2n) p
80-Hg-192
Radionuclide Production Cross Section
81-Tl-193g
81-Tl-193m2
Cross Section (barns)
Incident Energy (MeV)
16
80-Hg-192


MAT 8013
(n,p)
80-Hg-192
Radionuclide Production Cross Section
81-Tl-195g
81-Tl-195m2
Cross Section (barns)
Incident Energy (MeV)
17
80-Hg-192


MAT 8013
(n,d)
80-Hg-192
Radionuclide Production Cross Section
81-Tl-194g
81-Tl-194m4
Cross Section (barns)
Incident Energy (MeV)
18
80-Hg-192


MAT 8013
(n,t)
80-Hg-192
Radionuclide Production Cross Section
81-Tl-193g
81-Tl-193m2
Cross Section (barns)
10-6
10-8
10-10
10-12
2
3
4
5
6
7
8
9
10 2
19
Incident Energy (MeV)
80-Hg-192


MAT 8013
(n,He-3)
80-Hg-192
Radionuclide Production Cross Section
80-Hg-193g
80-Hg-193m3
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
20
Incident Energy (MeV)
80-Hg-192


MAT 8013
(n,p) α
80-Hg-192
Radionuclide Production Cross Section
79-Au-191g
79-Au-191m4
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
21
Incident Energy (MeV)
80-Hg-192