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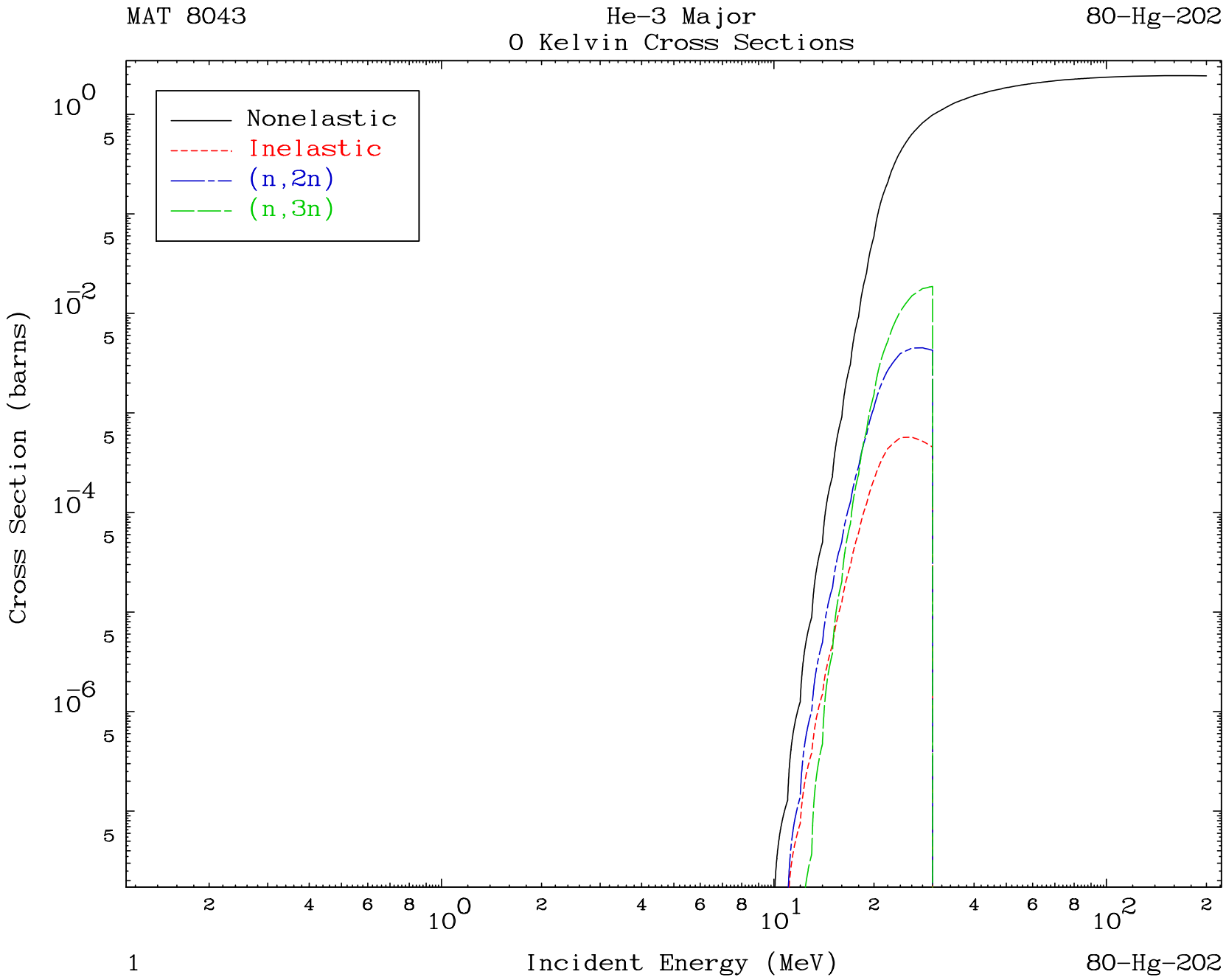
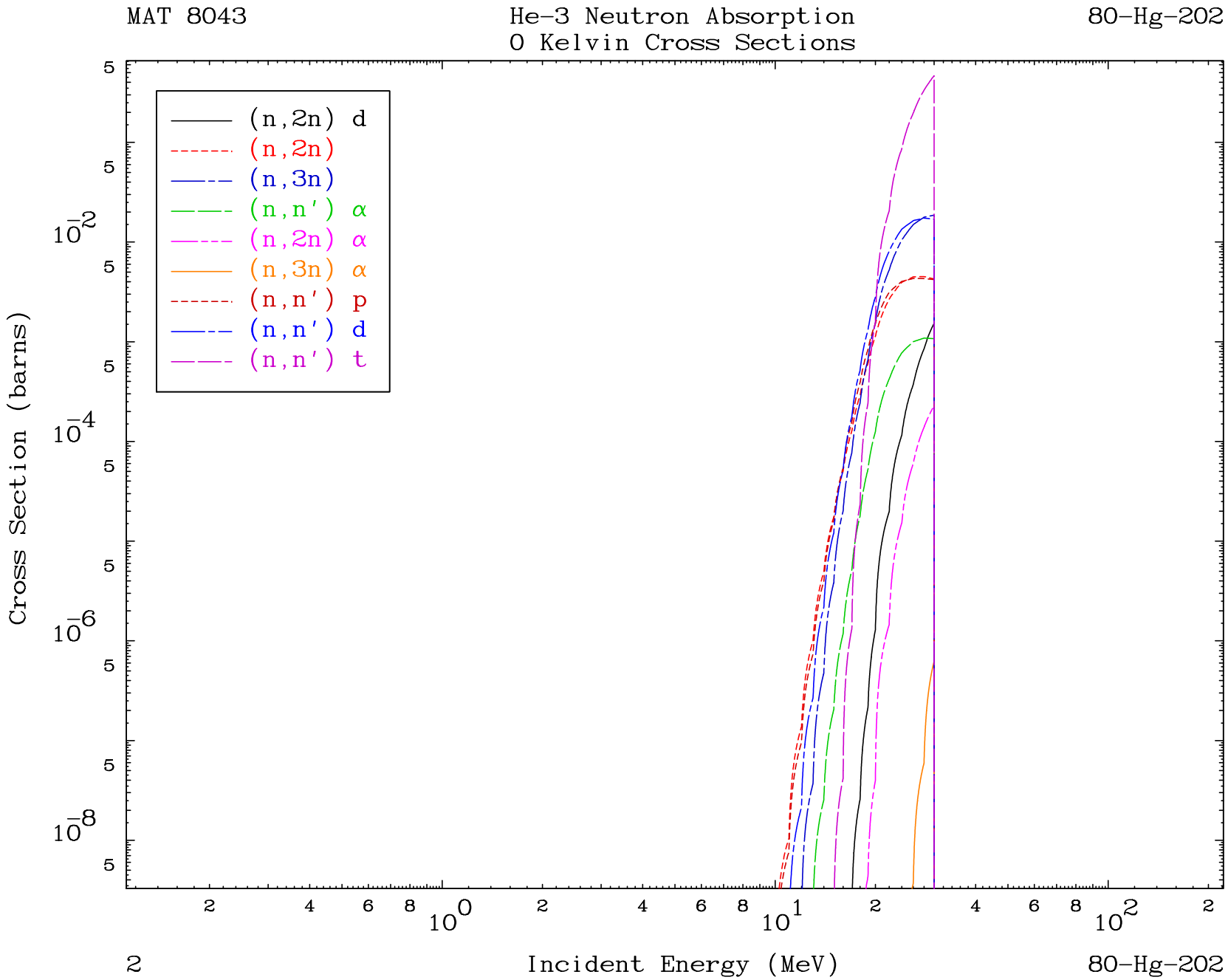
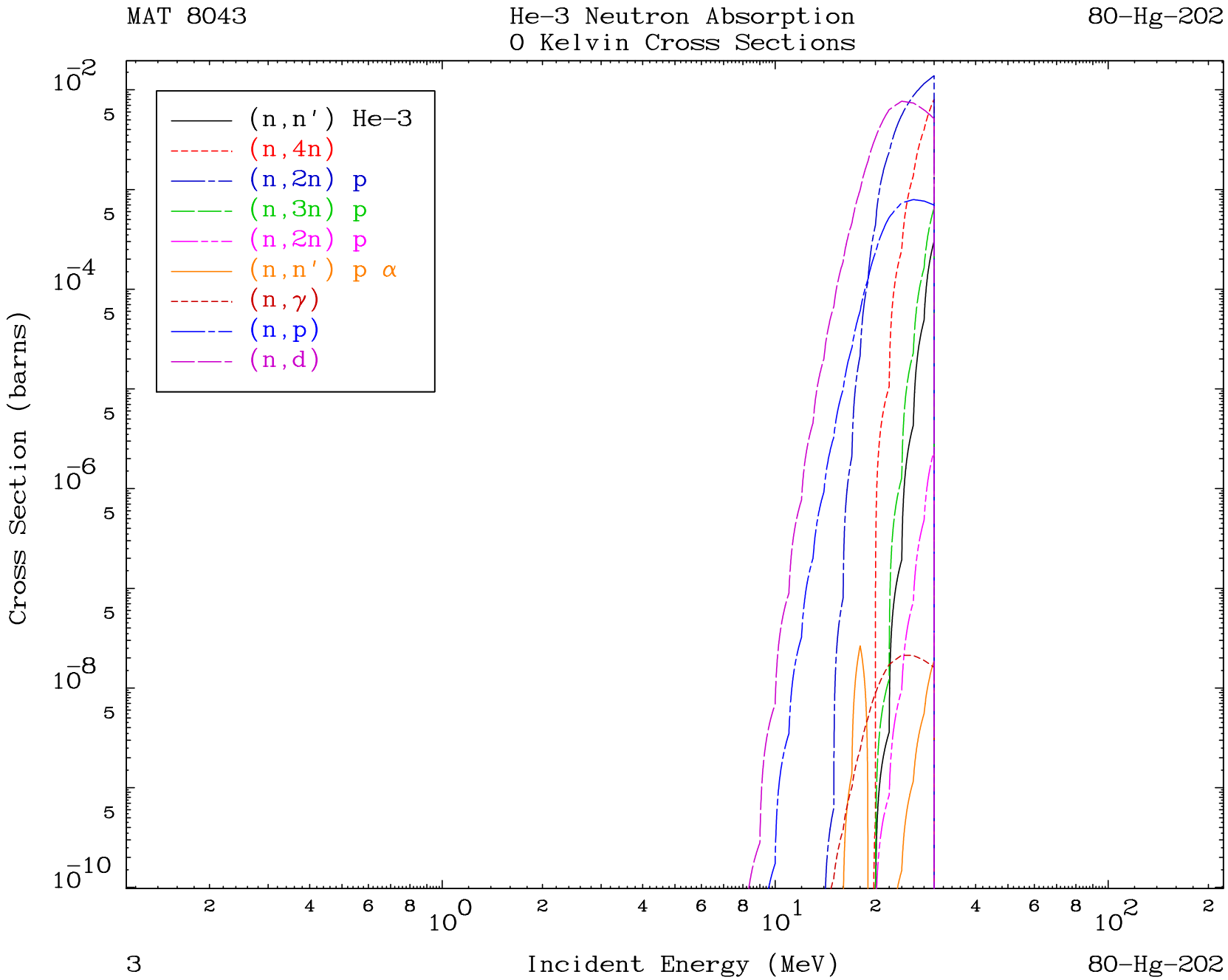
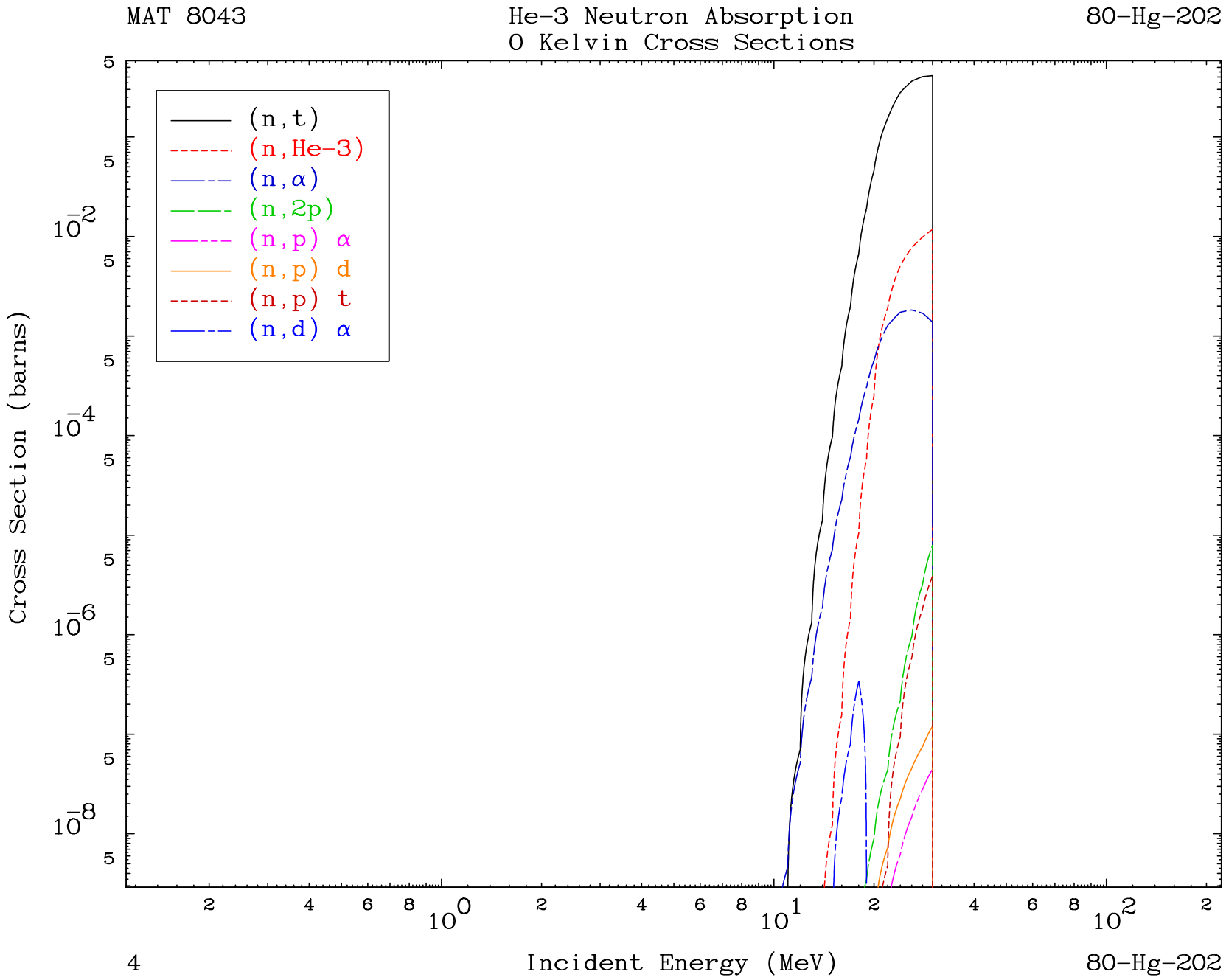
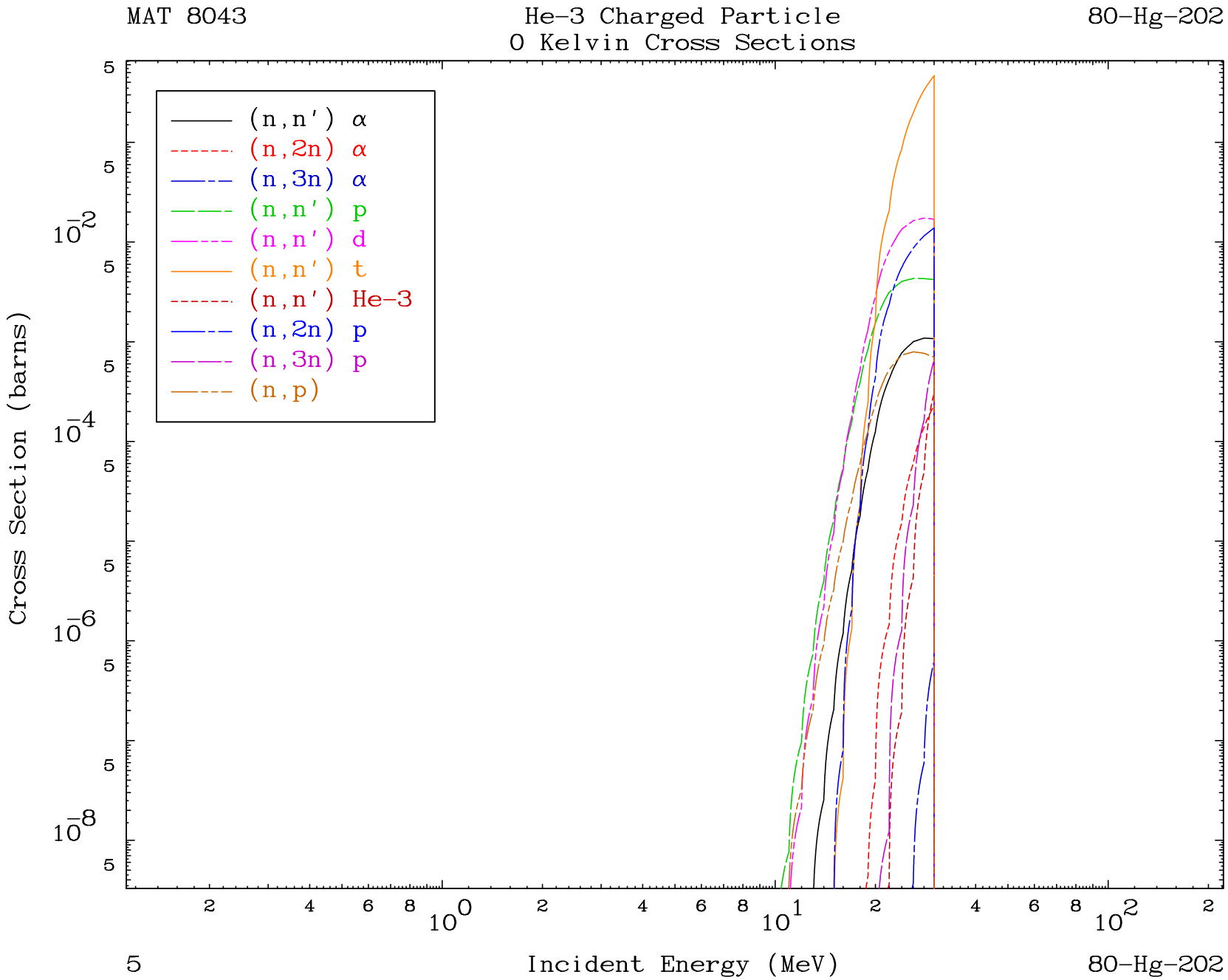
Press Mouse Button to Start

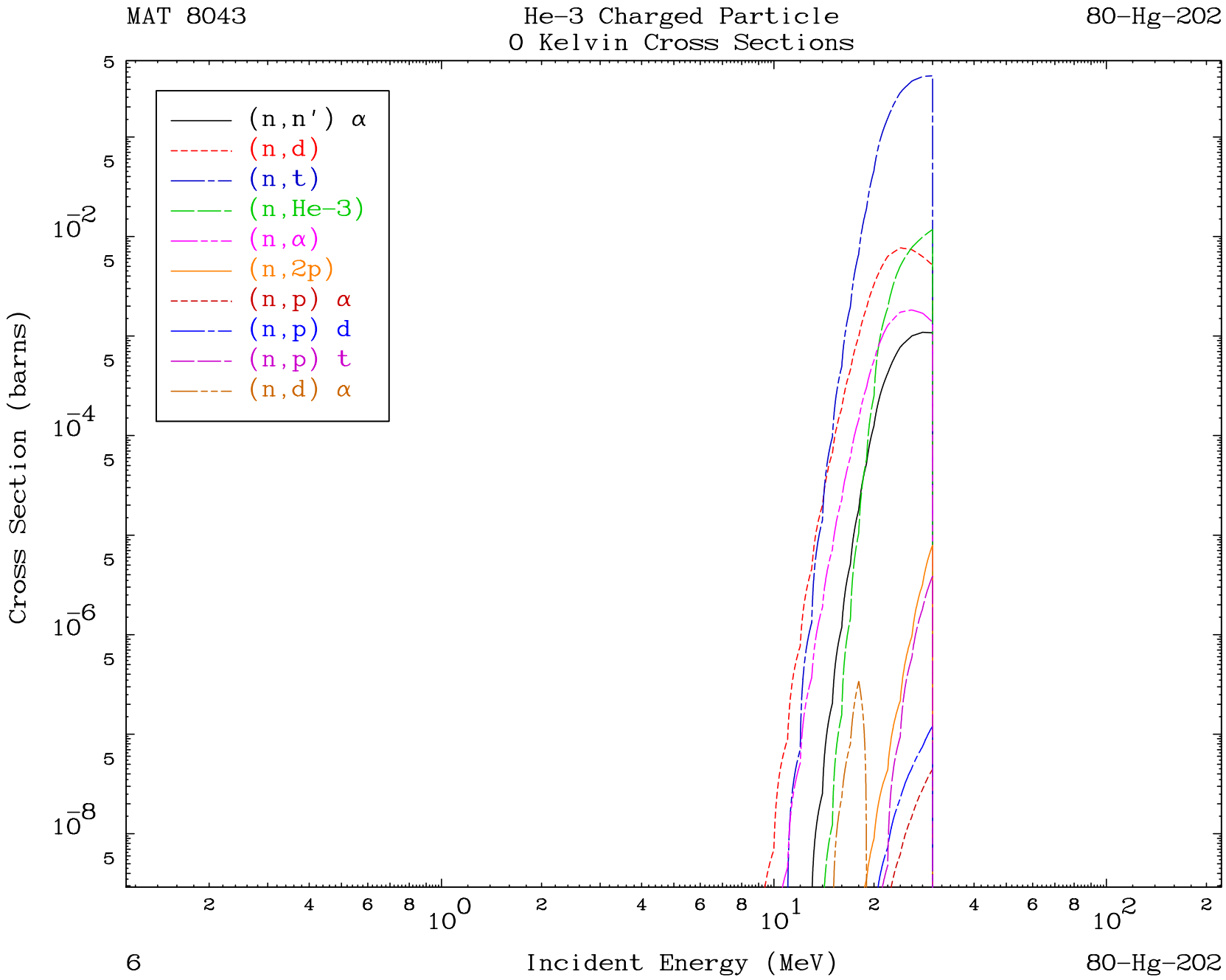

MAT 8043
He-3 Major
80-Hg-202
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-202

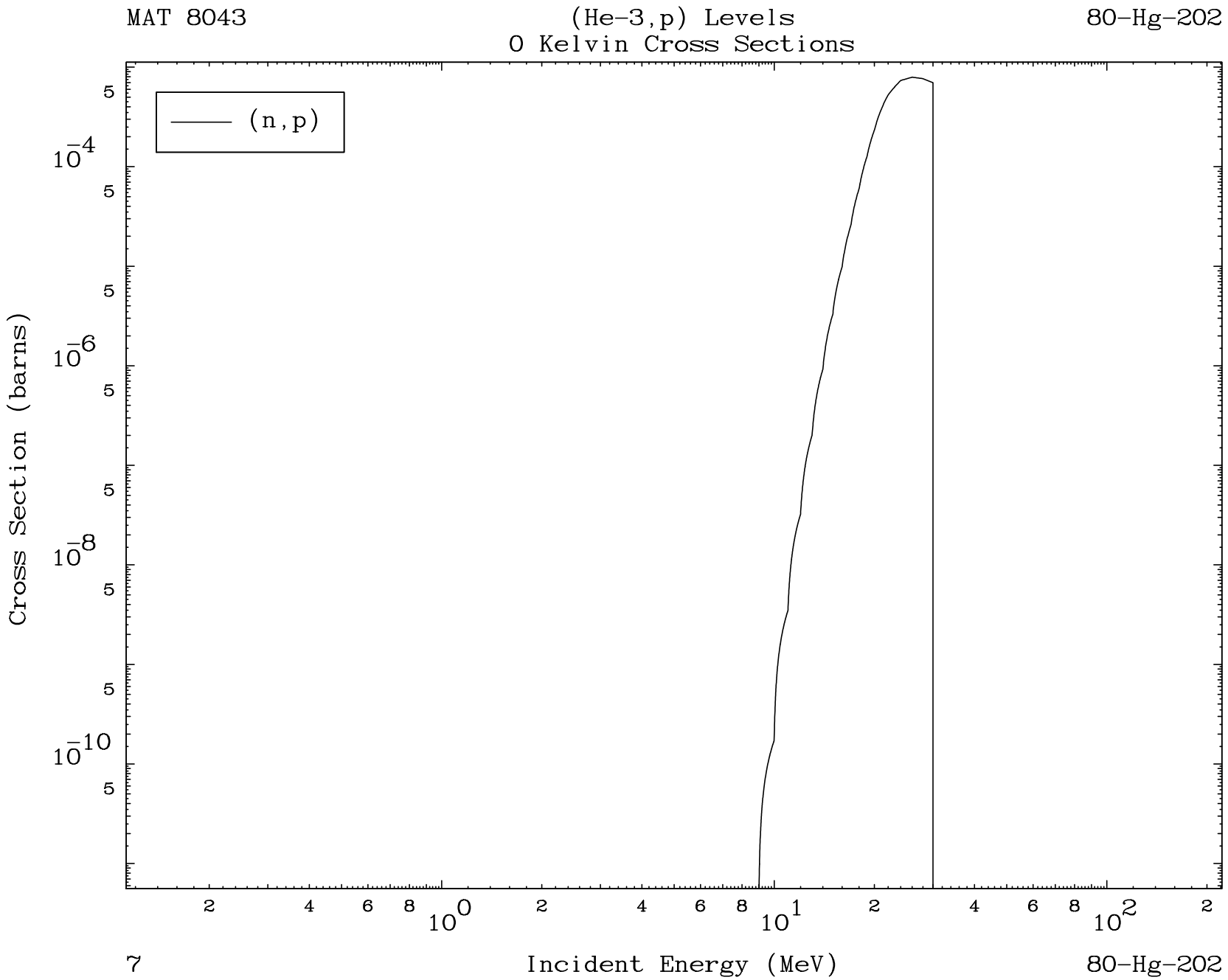

MAT 8043
He-3 Neutron Absorption
0 Kelvin Cross Sections
80-Hg-202
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
80-Hg-202

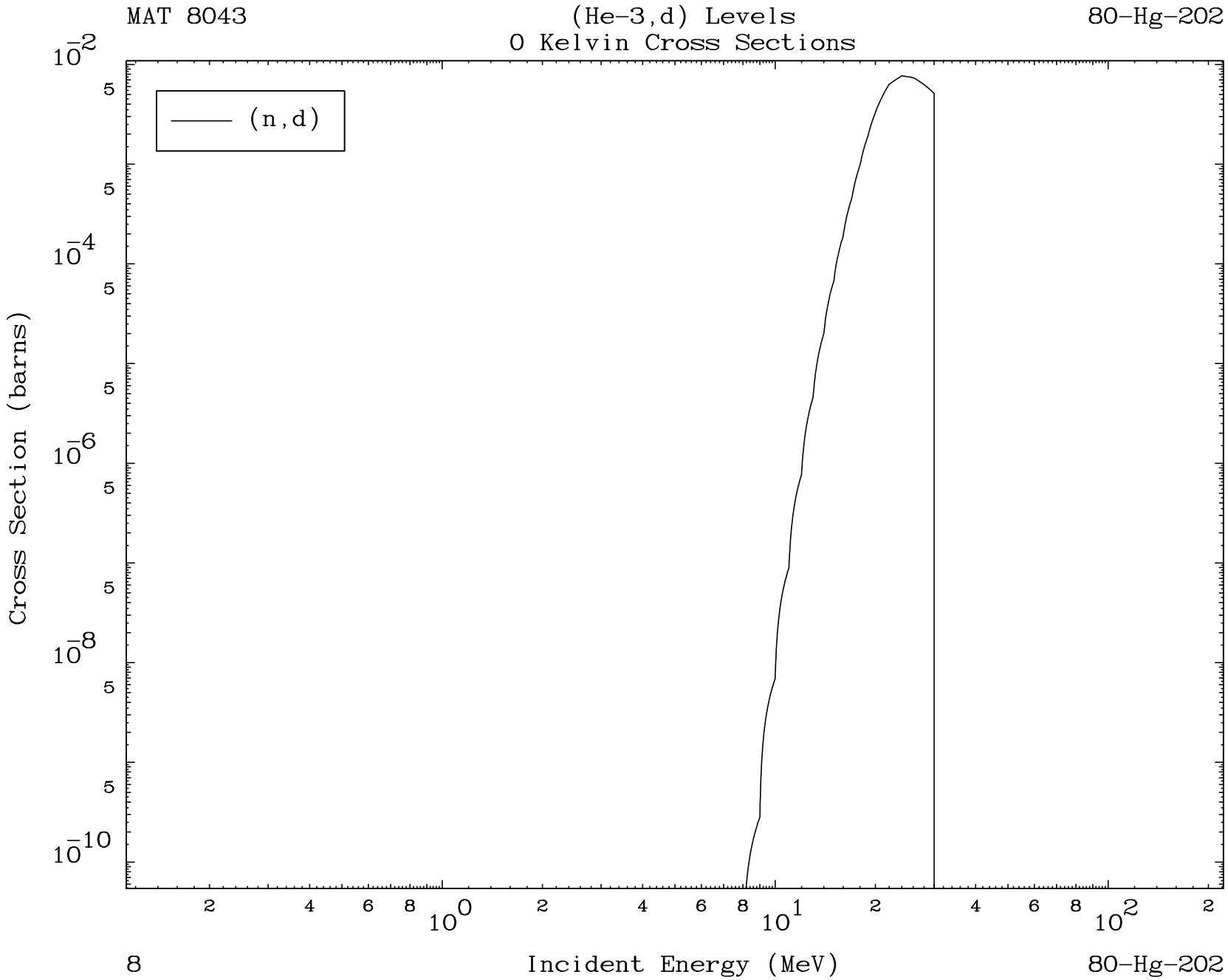

MAT 8043
He-3 Neutron Absorption
0 Kelvin Cross Sections
80-Hg-202
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
80-Hg-202

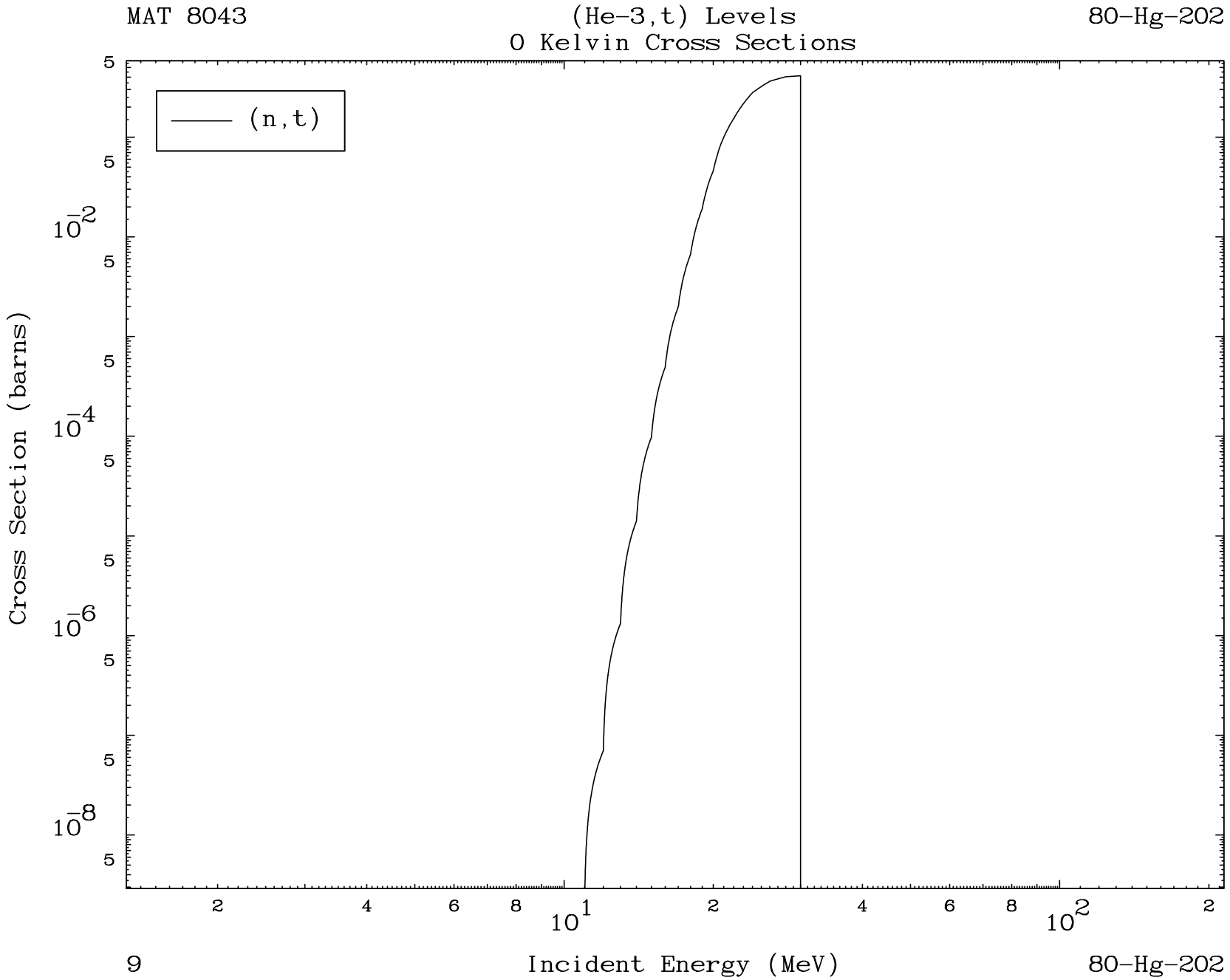

MAT 8043
He-3 Neutron Absorption
0 Kelvin Cross Sections
80-Hg-202
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
80-Hg-202

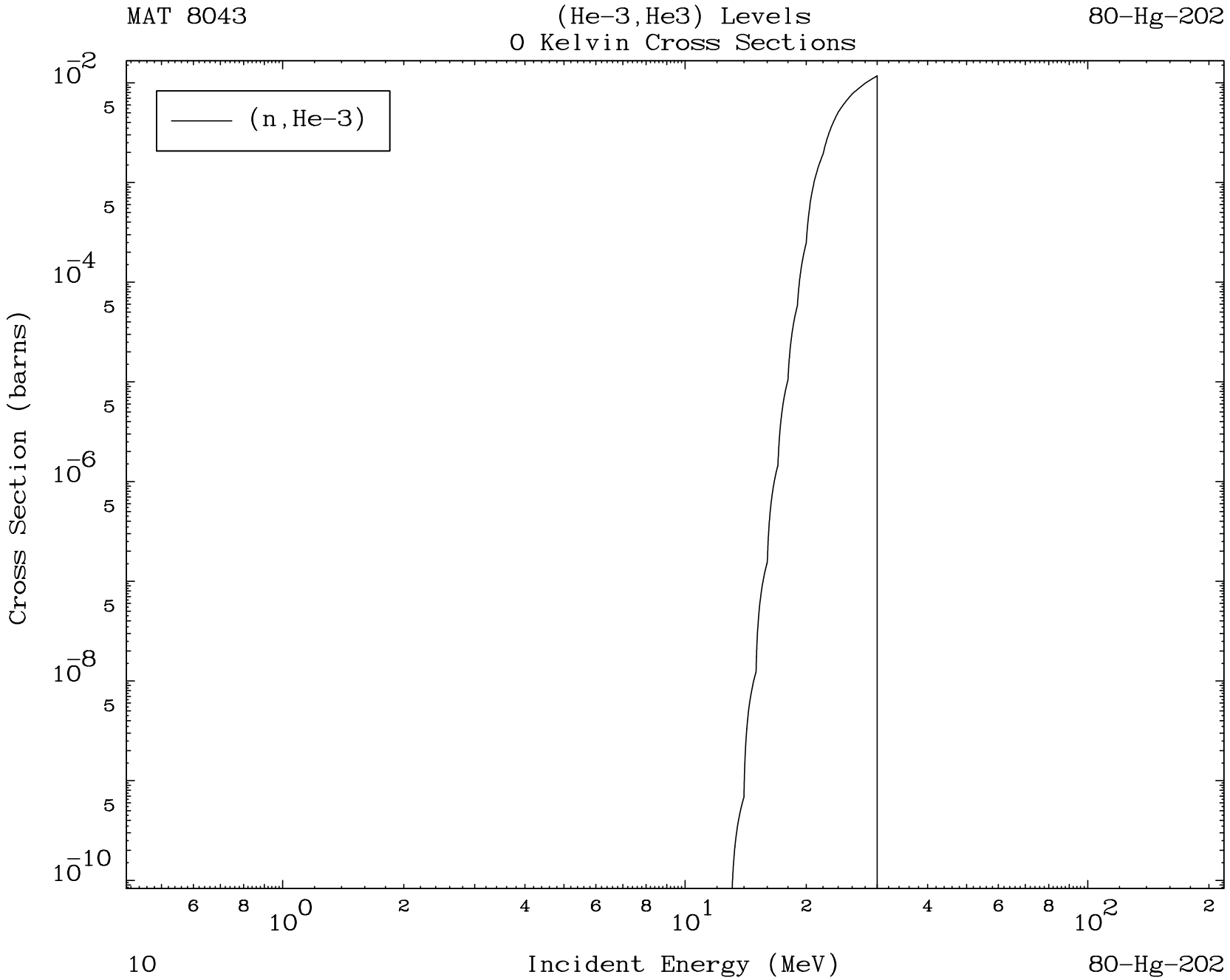

MAT 8043
He-3 Charged Particle
0 Kelvin Cross Sections
80-Hg-202
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-202

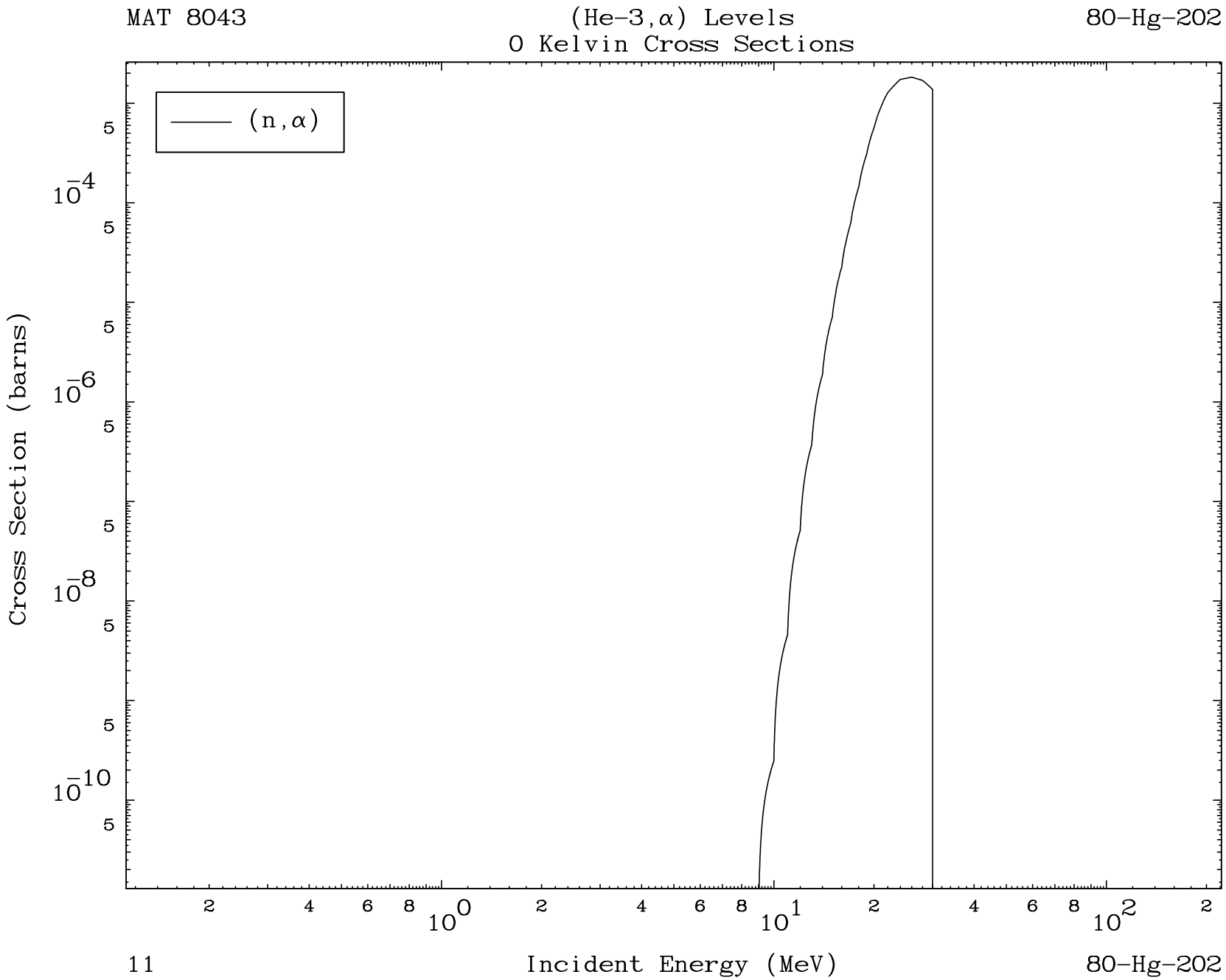

MAT 8043
He-3 Charged Particle
0 Kelvin Cross Sections
80-Hg-202
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
80-Hg-202

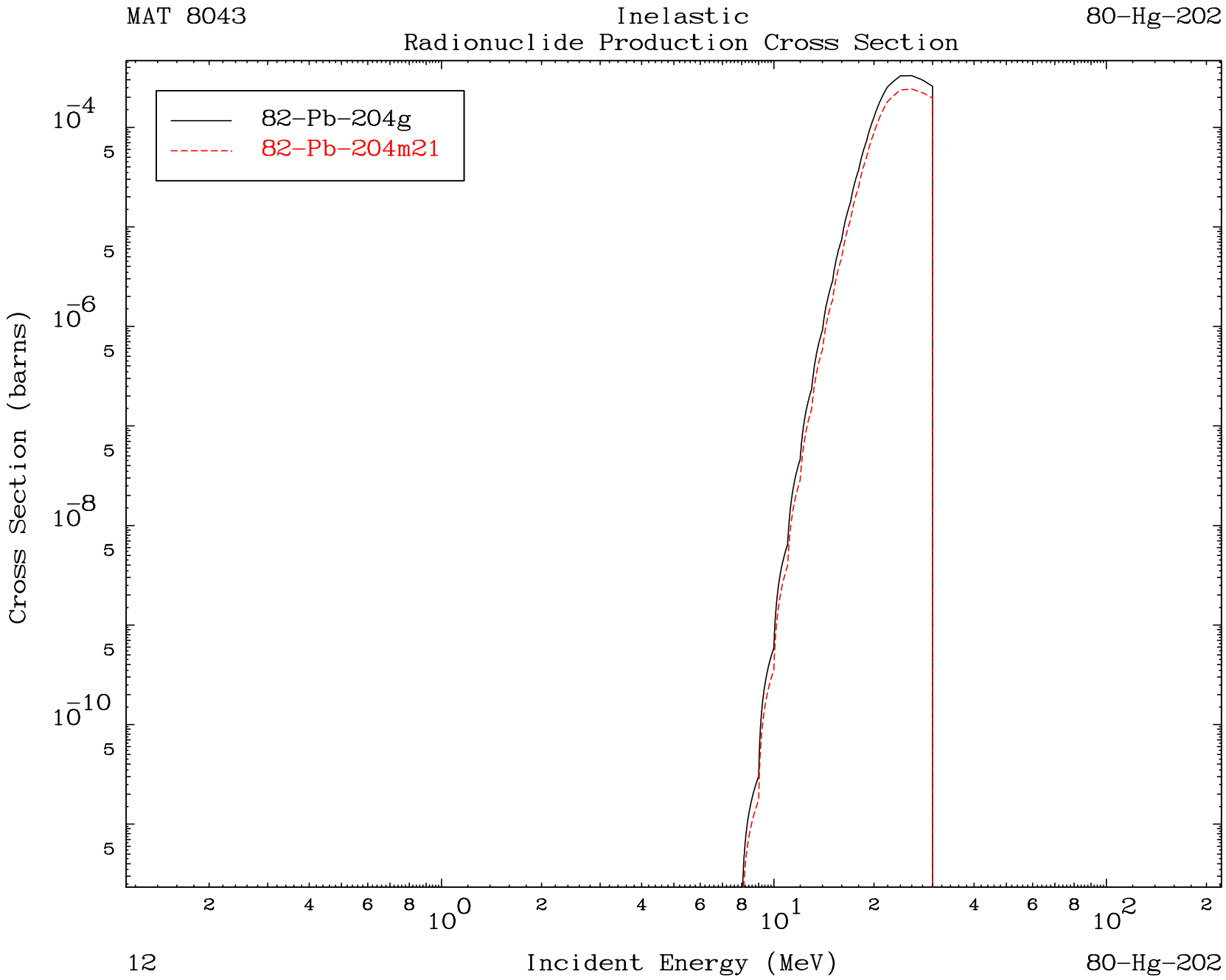

MAT 8043
(He-3,p) Levels
0 Kelvin Cross Sections
80-Hg-202
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
7
80-Hg-202

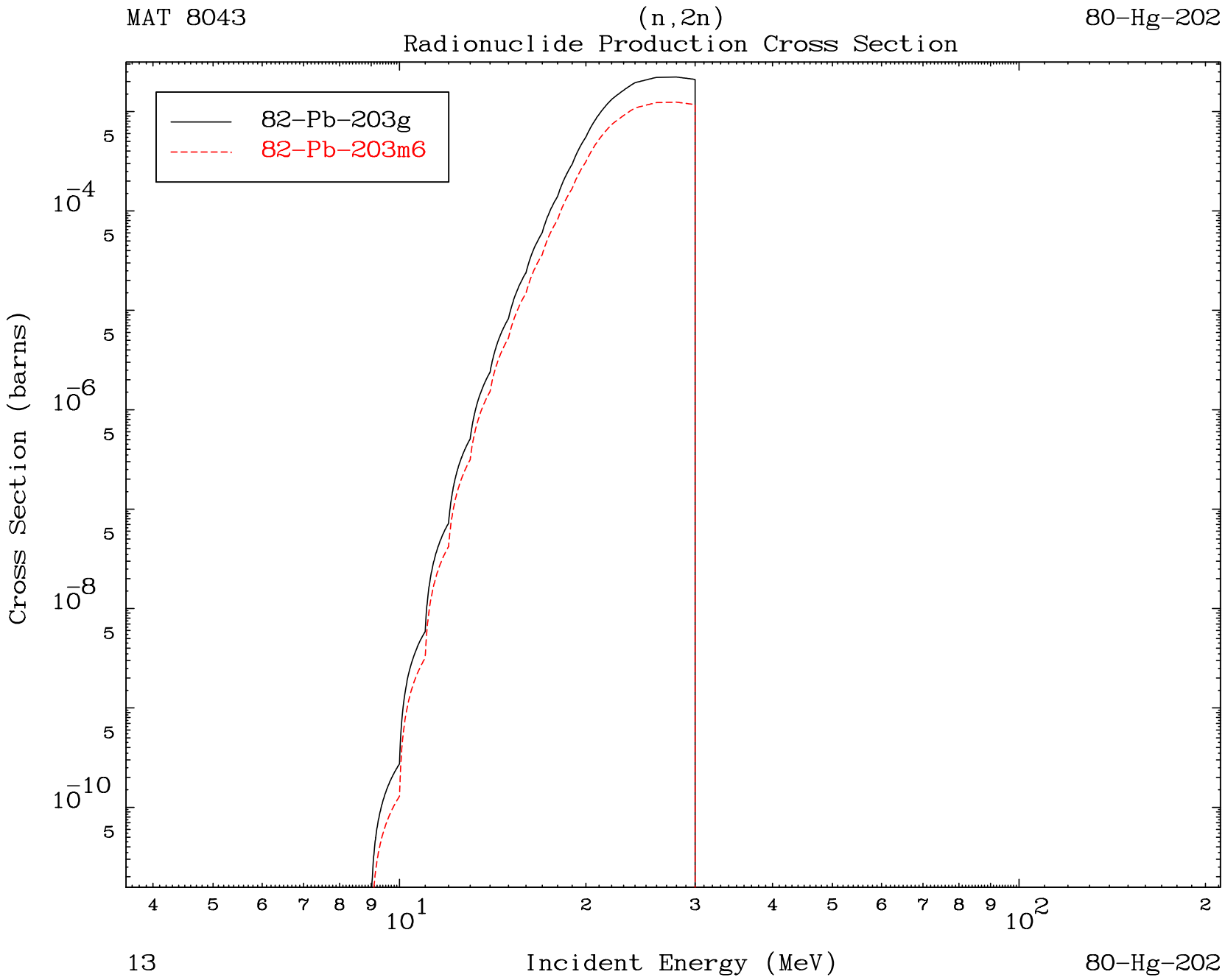

MAT 8043
(He-3,d) Levels
0 Kelvin Cross Sections
80-Hg-202
(n,d)
Cross Section (barns)
Incident Energy (MeV)
8
80-Hg-202

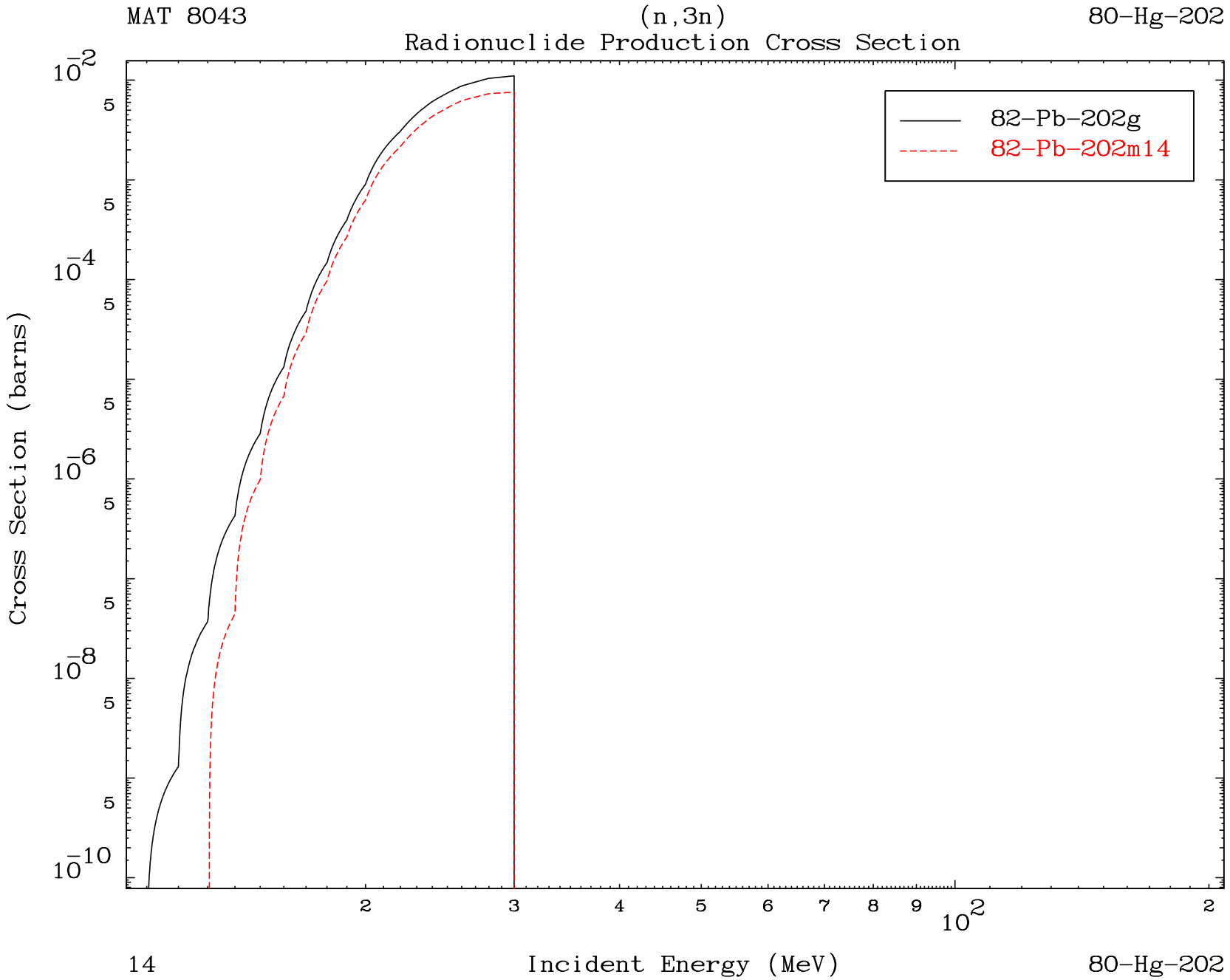

MAT 8043
(He-3,t) Levels
80-Hg-202
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
80-Hg-202

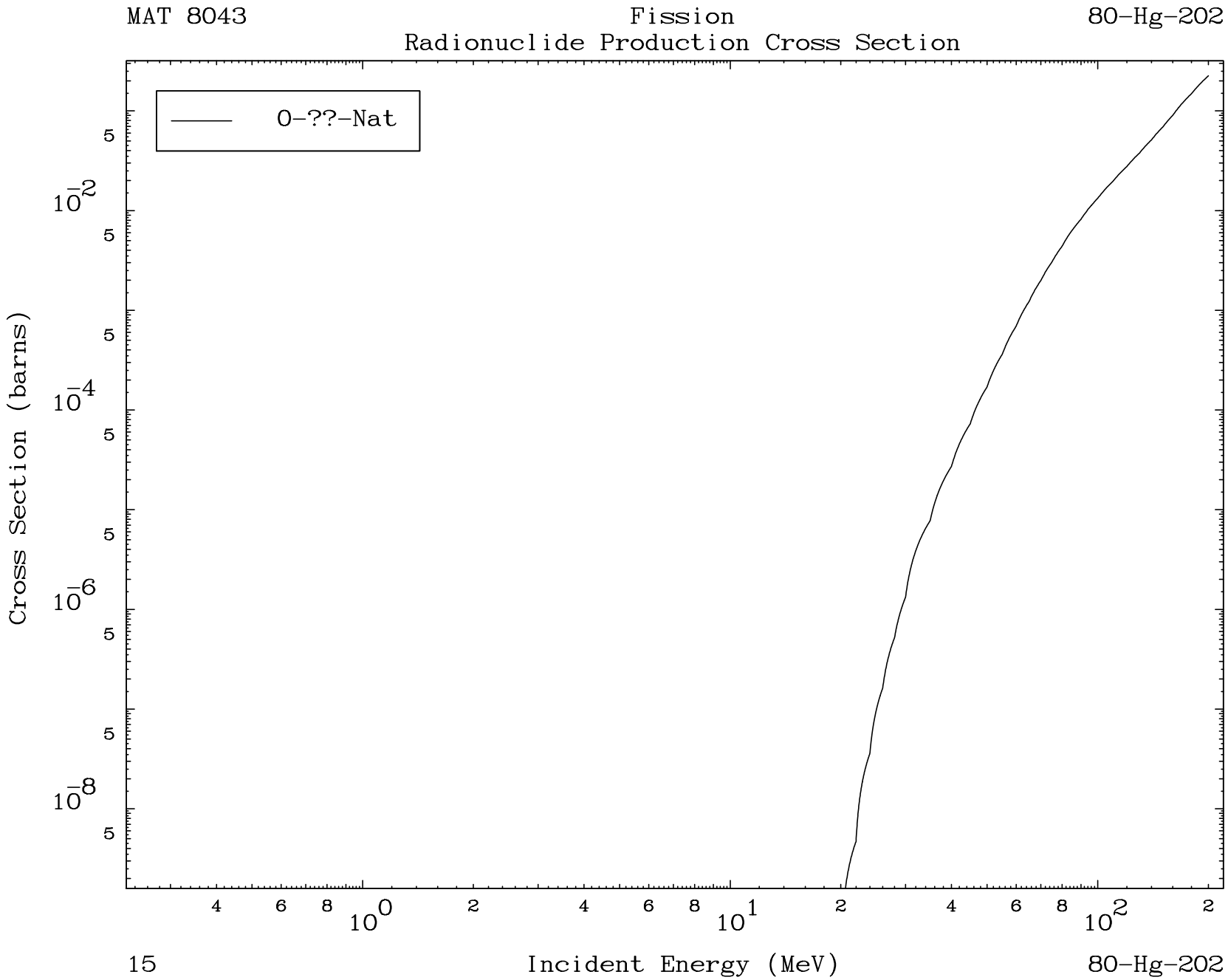

MAT 8043
(He-3,He3) Levels
80-Hg-202
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-202

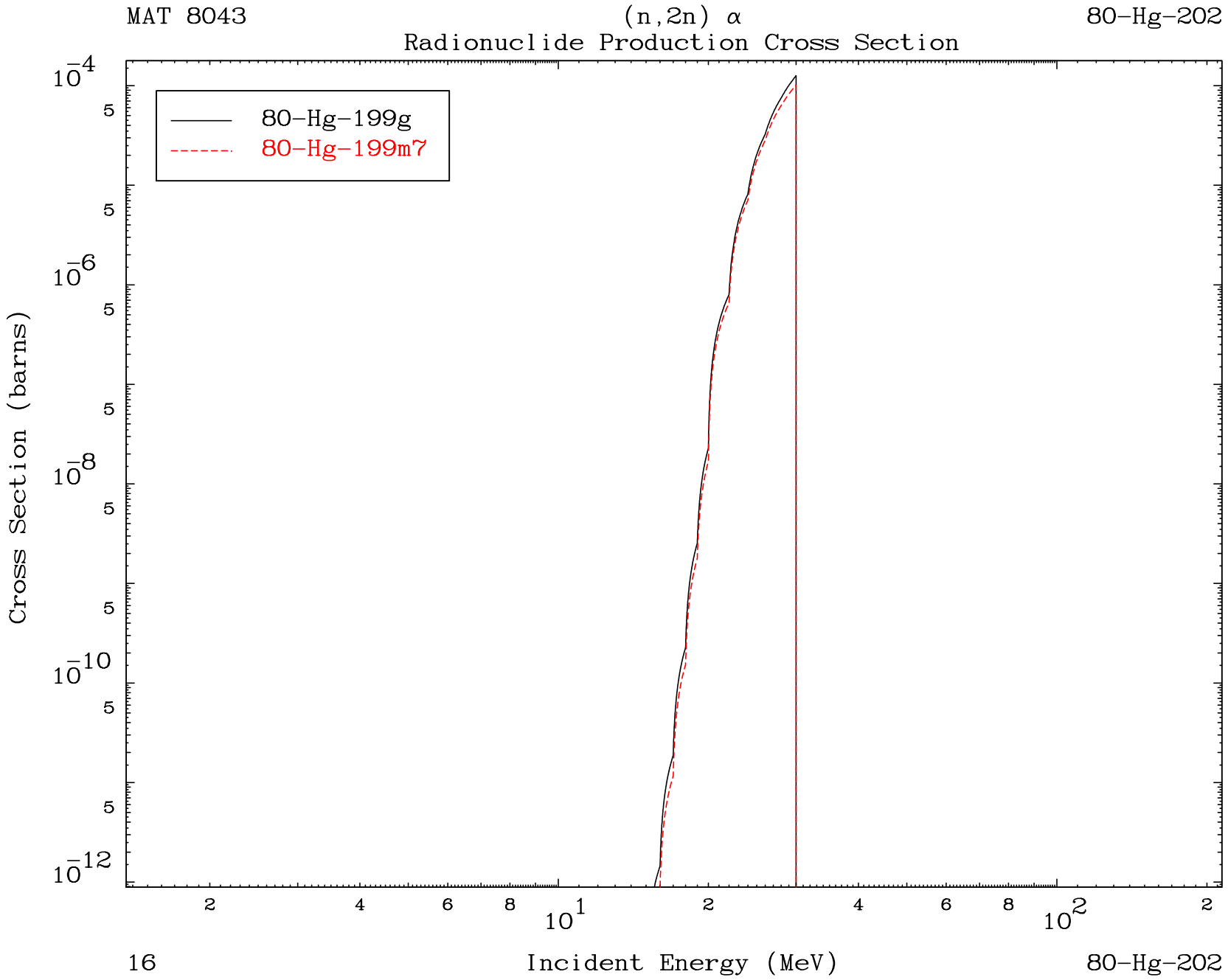

MAT 8043
(He-3,α) Levels
80-Hg-202
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
11
80-Hg-202

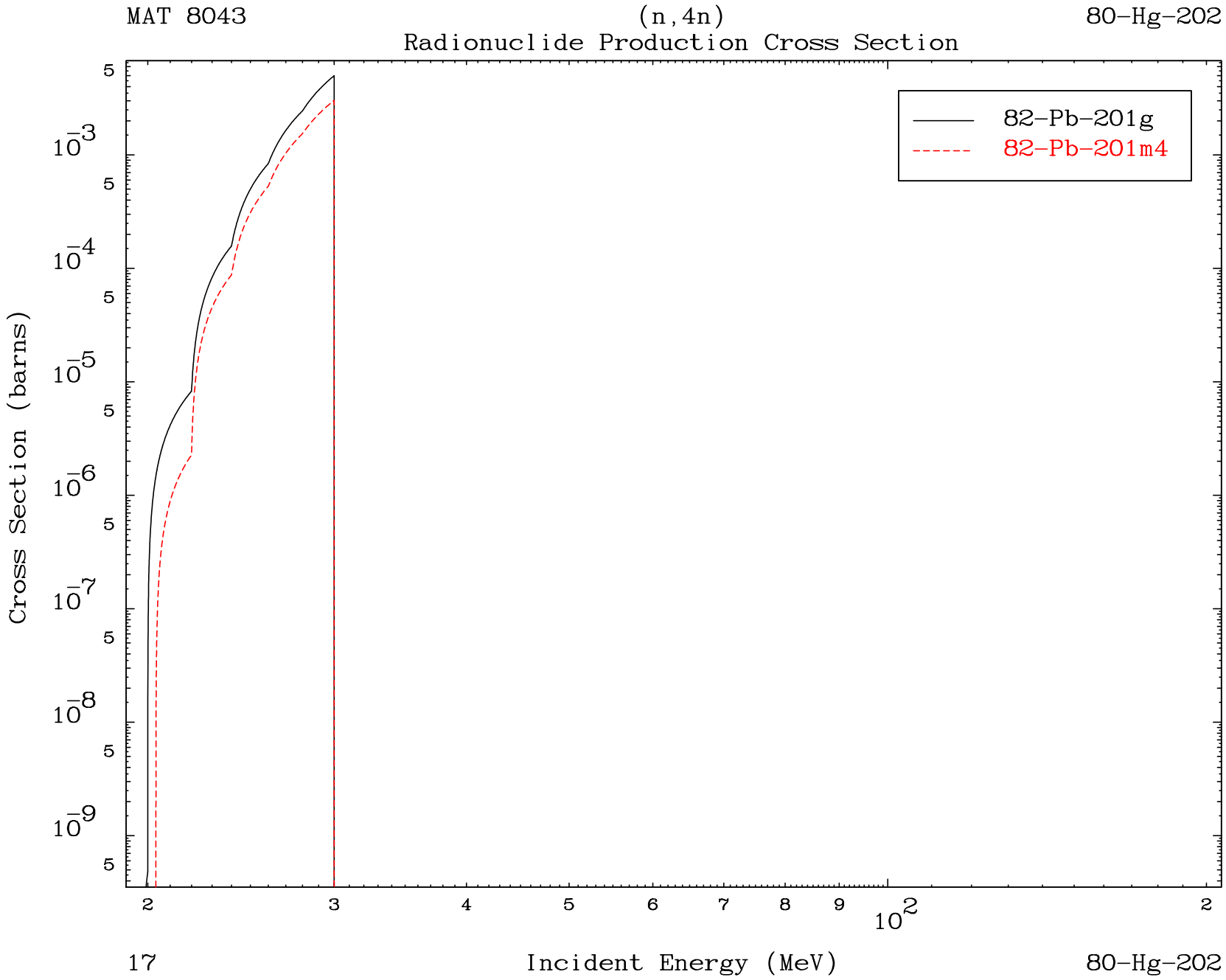

MAT 8043
Inelastic
80-Hg-202
Radionuclide Production Cross Section
82-Pb-204g
82-Pb-204m21
Cross Section (barns)
Incident Energy (MeV)
12
80-Hg-202

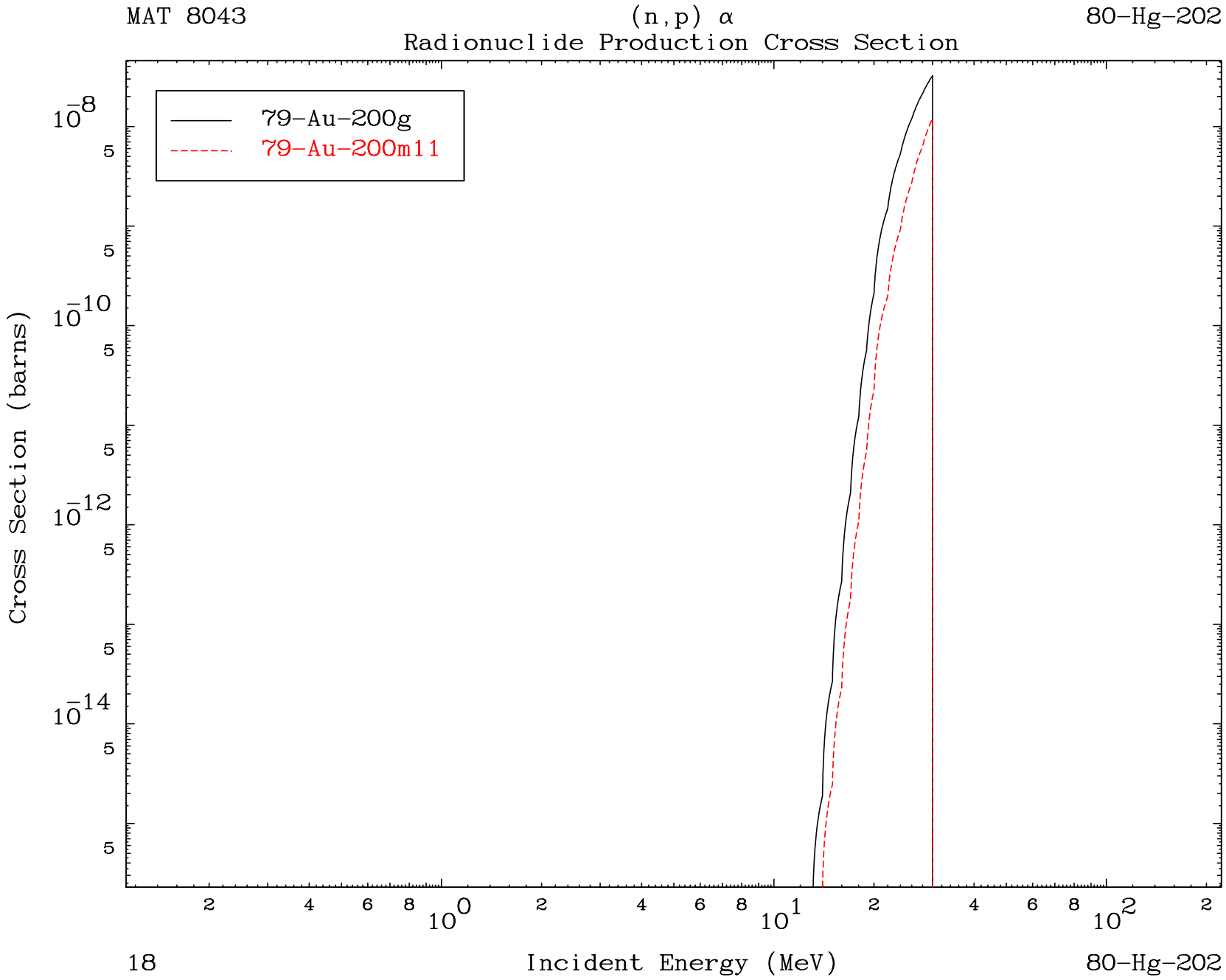

MAT 8043
(n,2n)
80-Hg-202
Radionuclide Production Cross Section
82-Pb-203g
82-Pb-203m6
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
13
Incident Energy (MeV)
80-Hg-202


MAT 8043
(n,3n)
80-Hg-202
Radionuclide Production Cross Section
82-Pb-202g
82-Pb-202m14
Cross Section (barns)
Incident Energy (MeV)
14
80-Hg-202


MAT 8043
Fission
80-Hg-202
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
15
80-Hg-202


MAT 8043
(n,2n) α
80-Hg-202
Radionuclide Production Cross Section
80-Hg-199g
80-Hg-199m7
Cross Section (barns)
Incident Energy (MeV)
16
80-Hg-202


MAT 8043
(n,4n)
80-Hg-202
Radionuclide Production Cross Section
82-Pb-201g
82-Pb-201m4
Cross Section (barns)
Incident Energy (MeV)
17
80-Hg-202


MAT 8043
(n,p) α
80-Hg-202
Radionuclide Production Cross Section
79-Au-200g
79-Au-200m11
Cross Section (barns)
10-8
10-10
10-12
10-14
100
101
102
Incident Energy (MeV)
18
80-Hg-202