Program EVALPLOT
(Version 2018-1)
by
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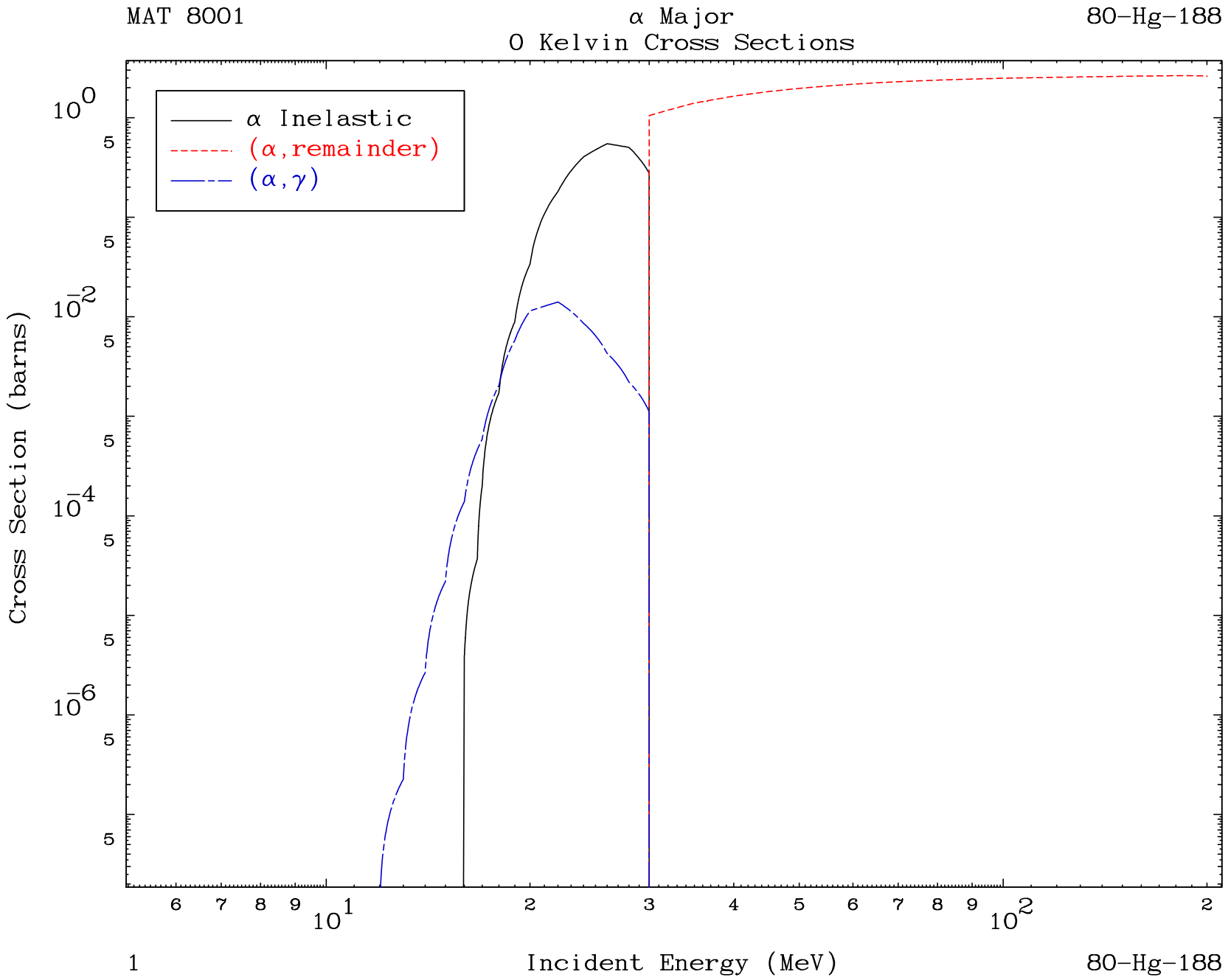
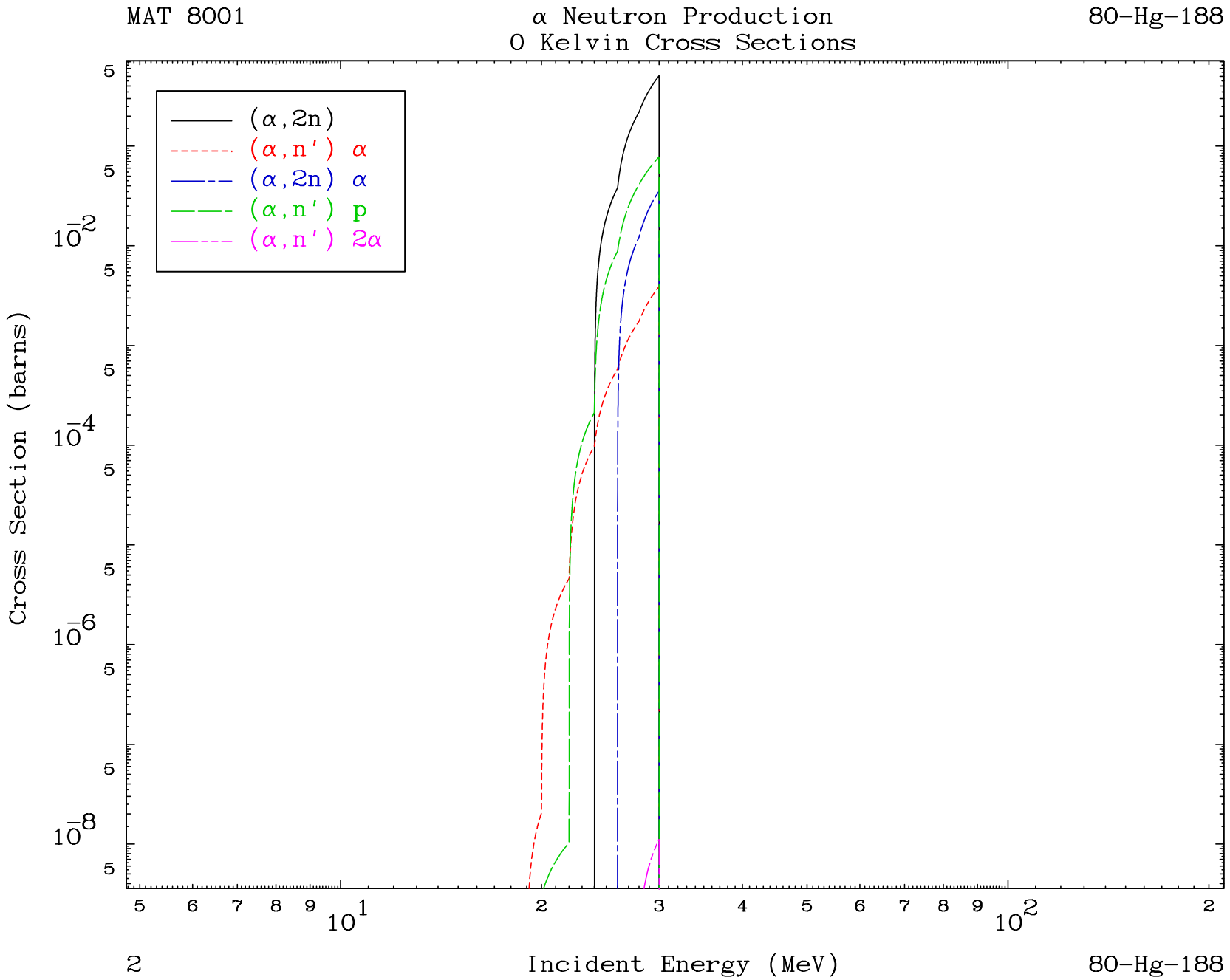
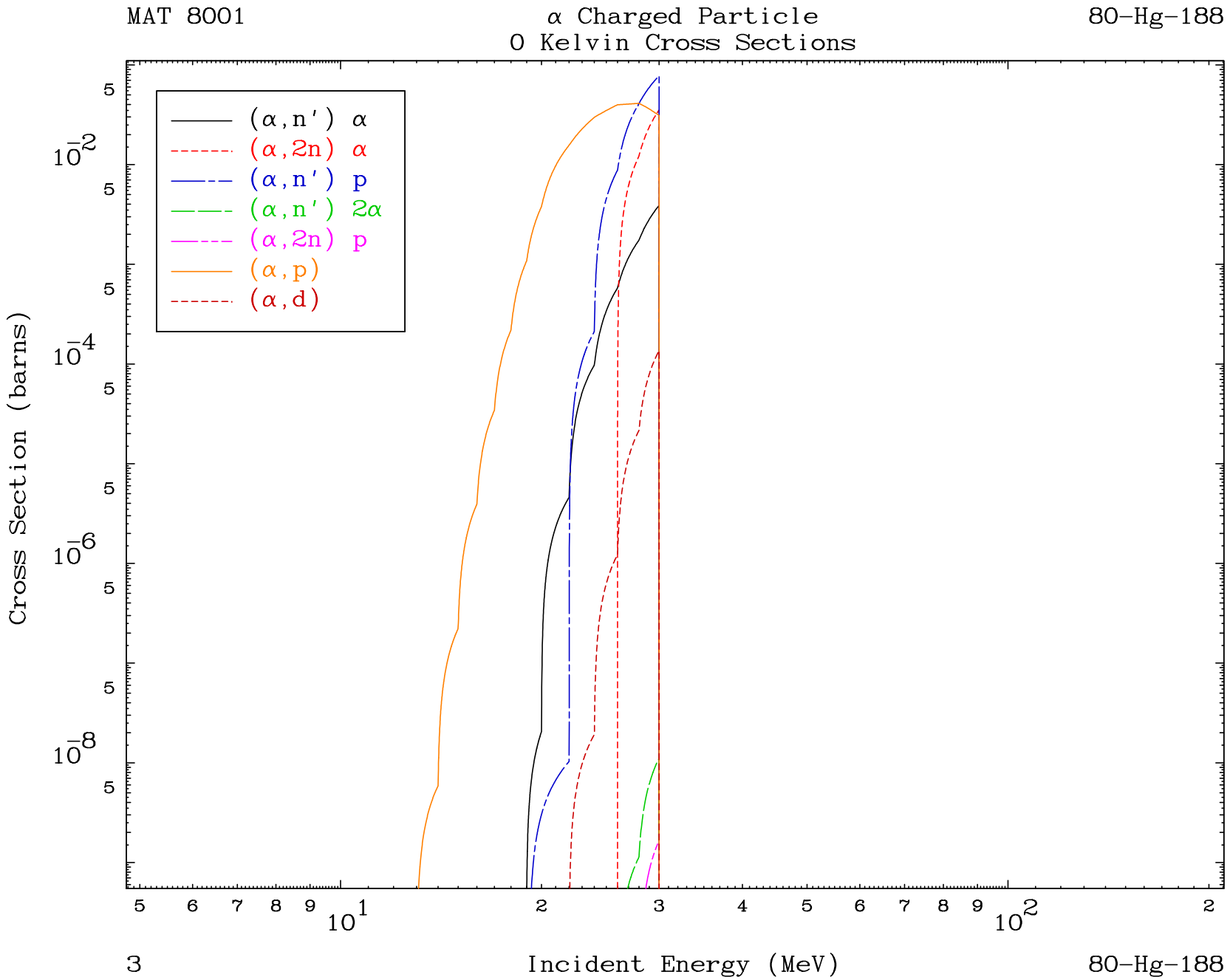
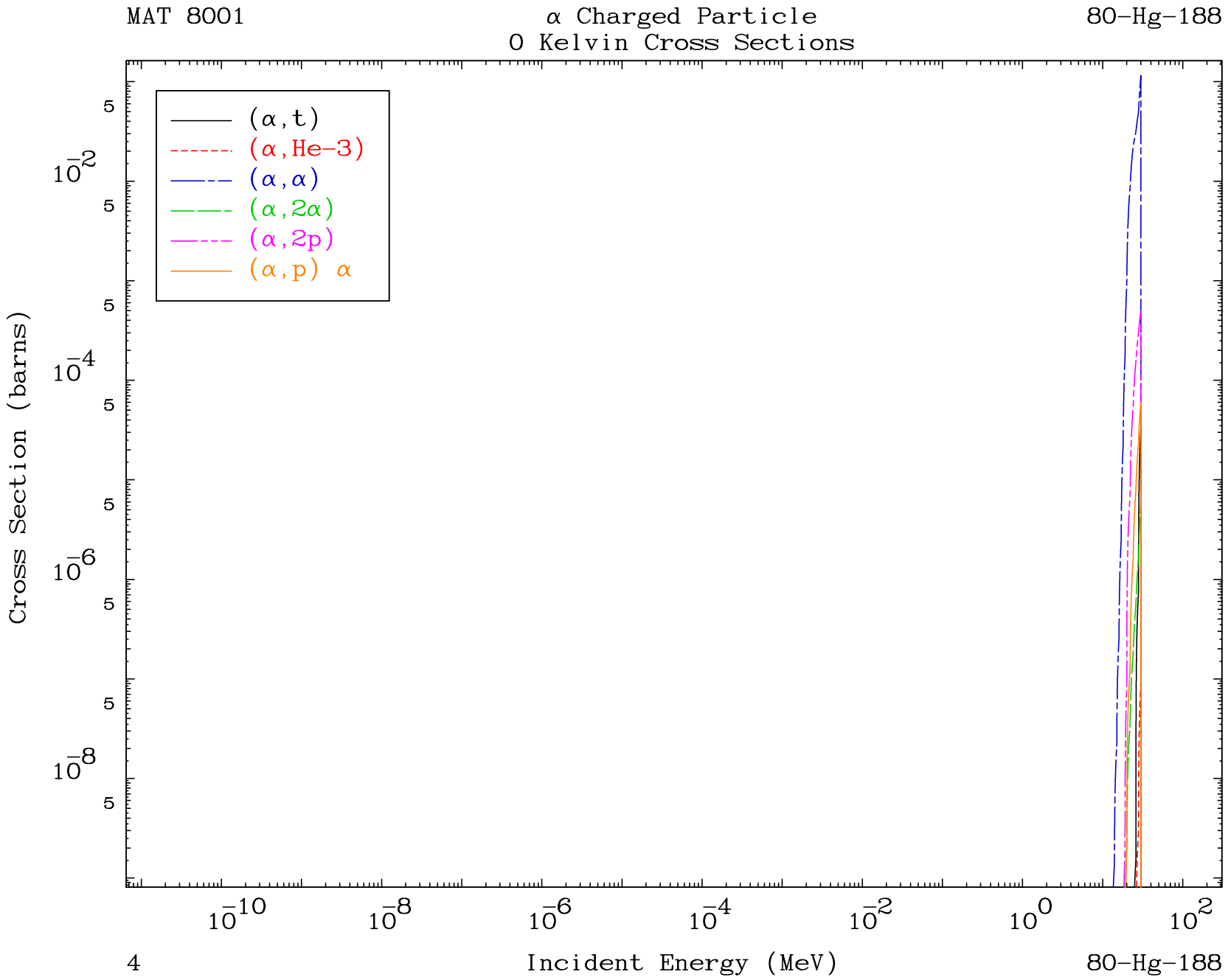
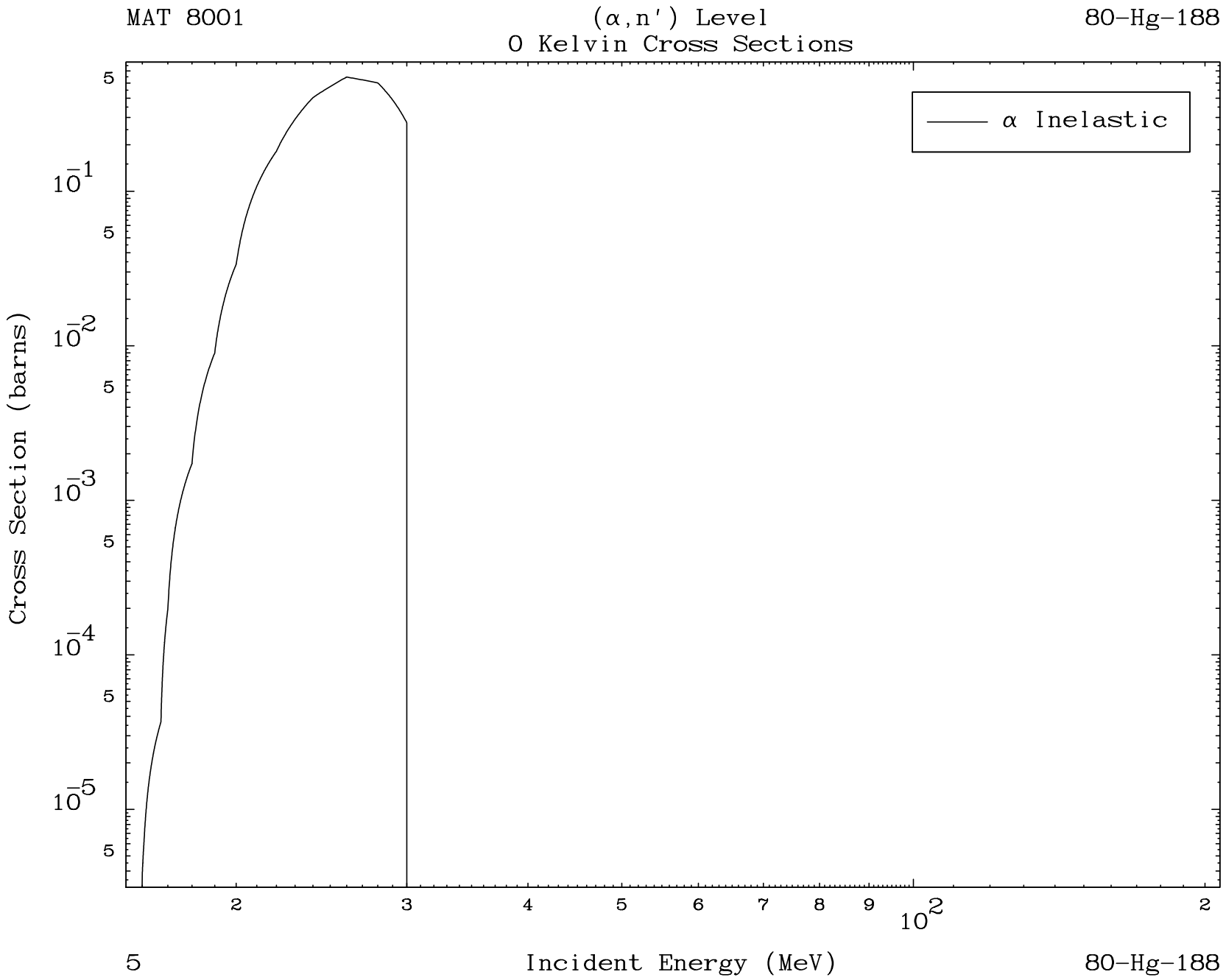
Press Mouse Button to Start

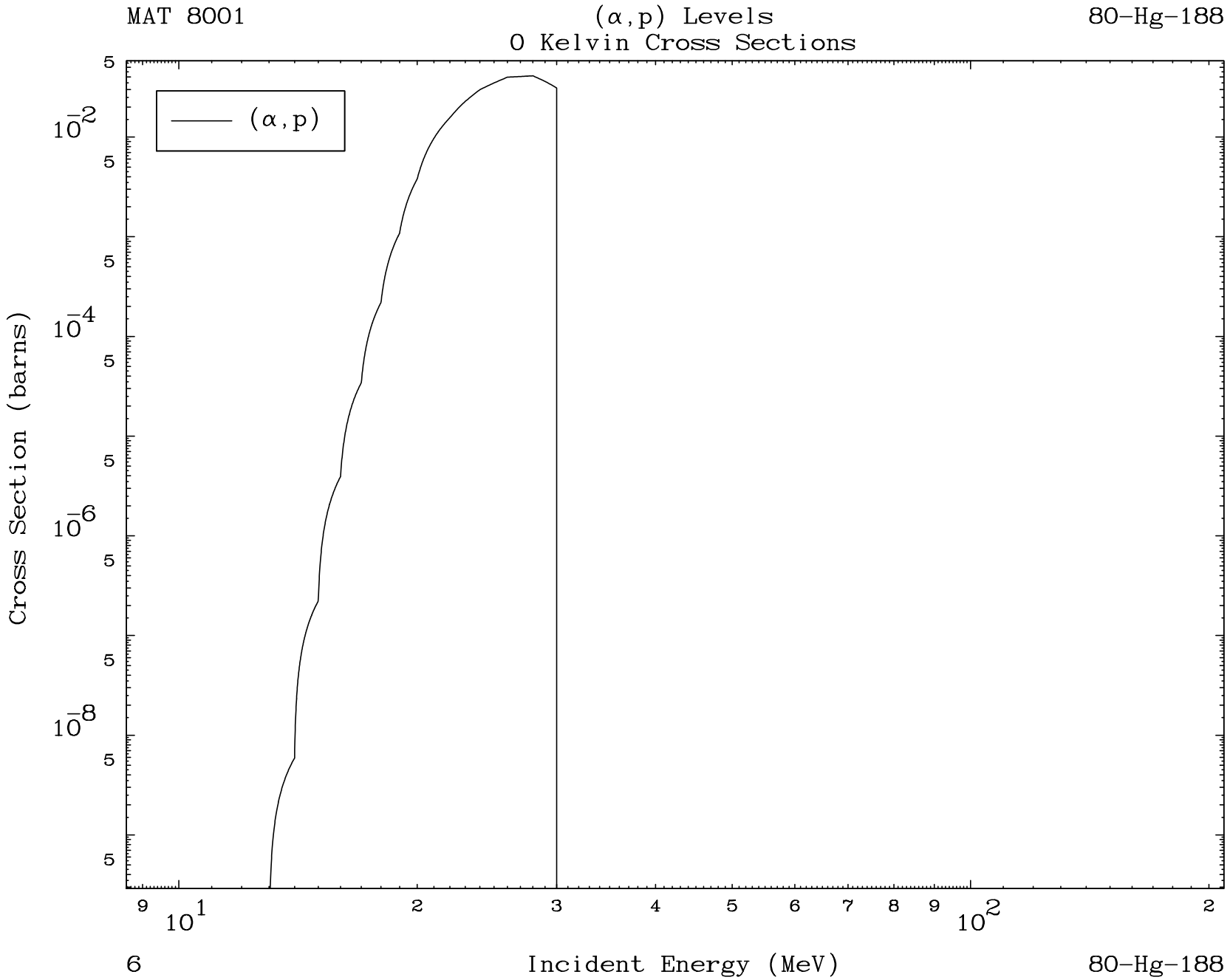

MAT 8001
α Major
80-Hg-188
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-188

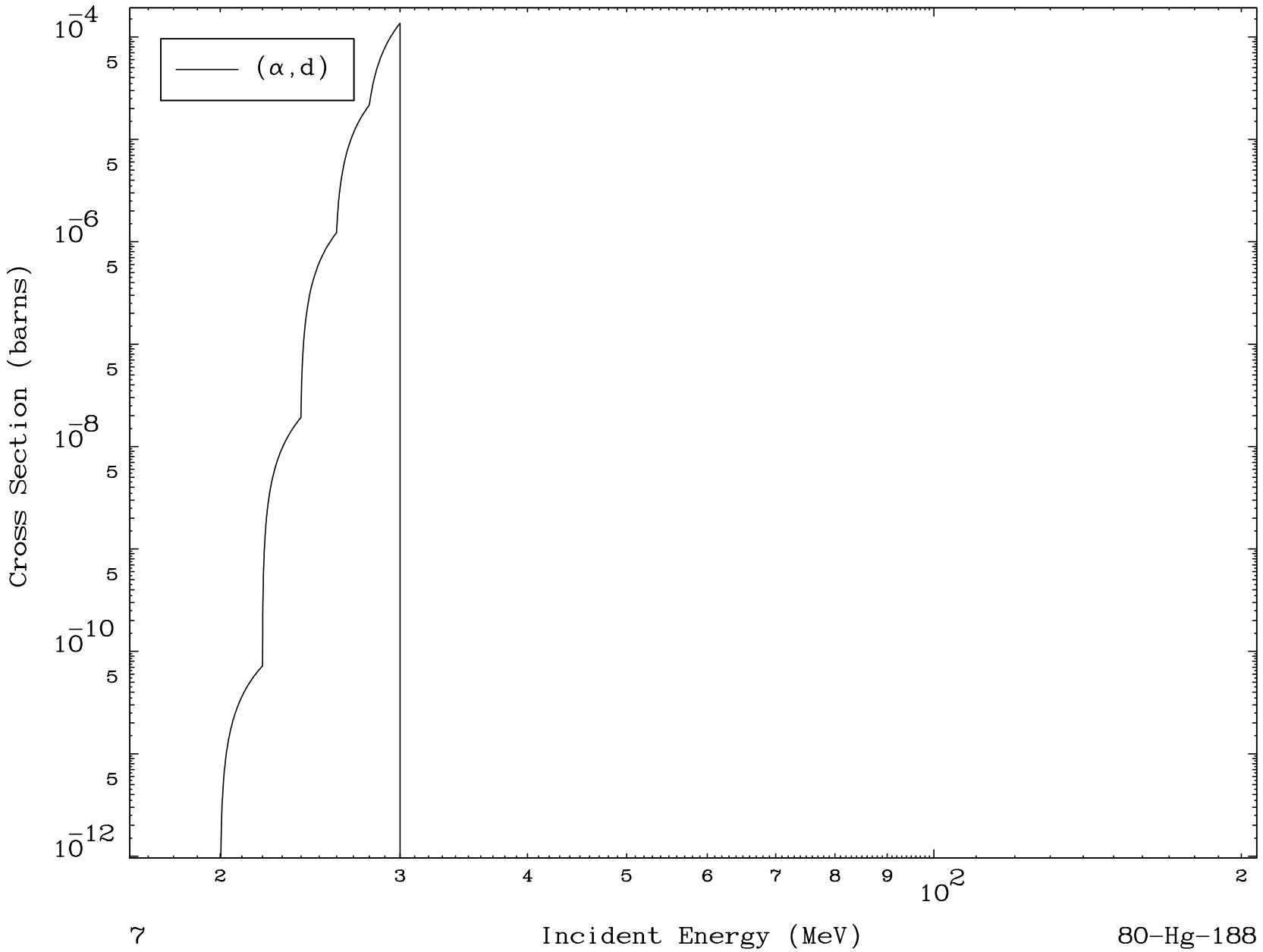

MAT 8001
α Neutron Production
0 Kelvin Cross Sections
80-Hg-188
(α,2n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
Cross Section (barns)
Incident Energy (MeV)
80-Hg-188


MAT 8001
α Charged Particle
0 Kelvin Cross Sections
80-Hg-188
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,2n) p
(α,p)
(α,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
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)
3
80-Hg-188

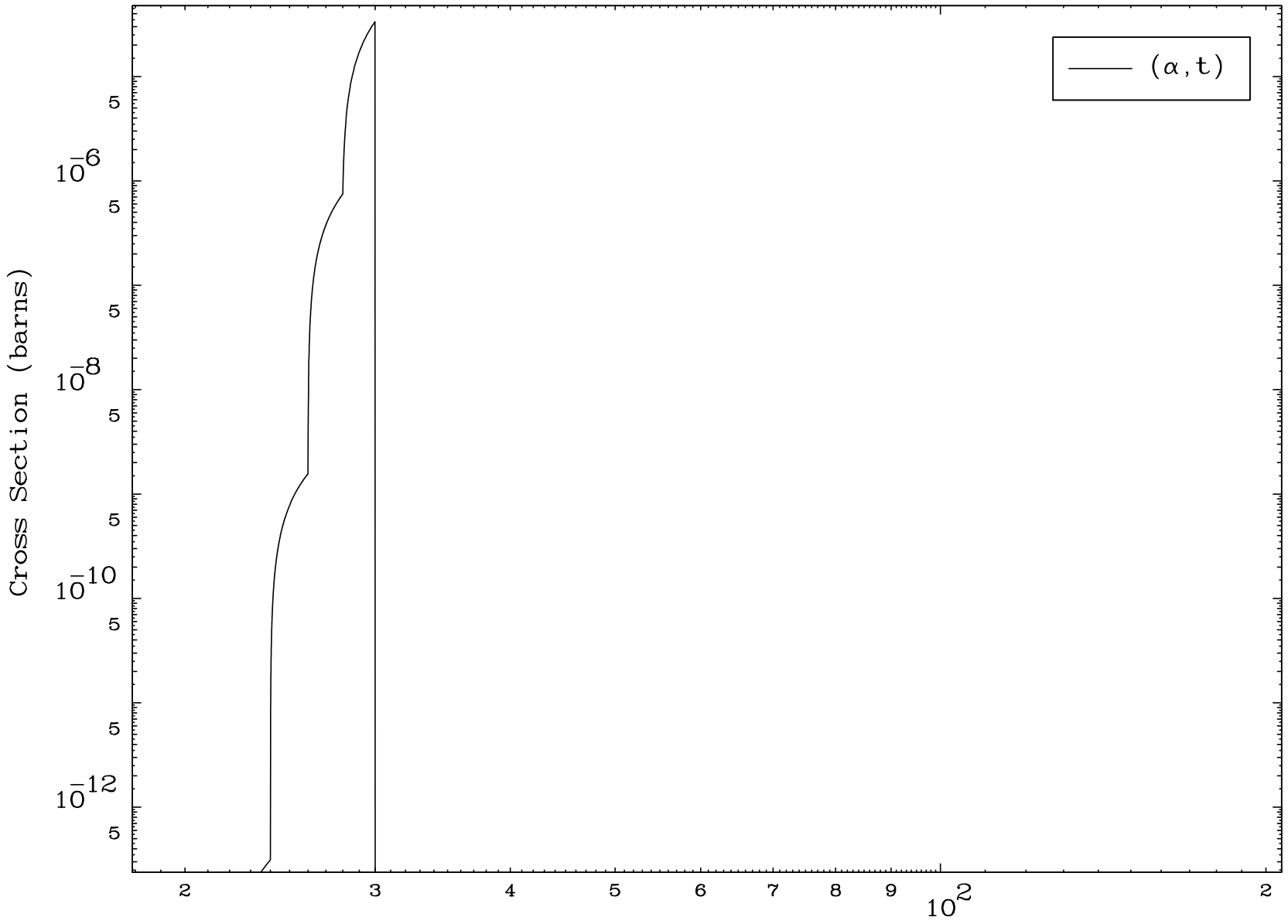

MAT 8001
α Charged Particle
0 Kelvin Cross Sections
80-Hg-188
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
Cross Section (barns)
Incident Energy (MeV)
4
80-Hg-188

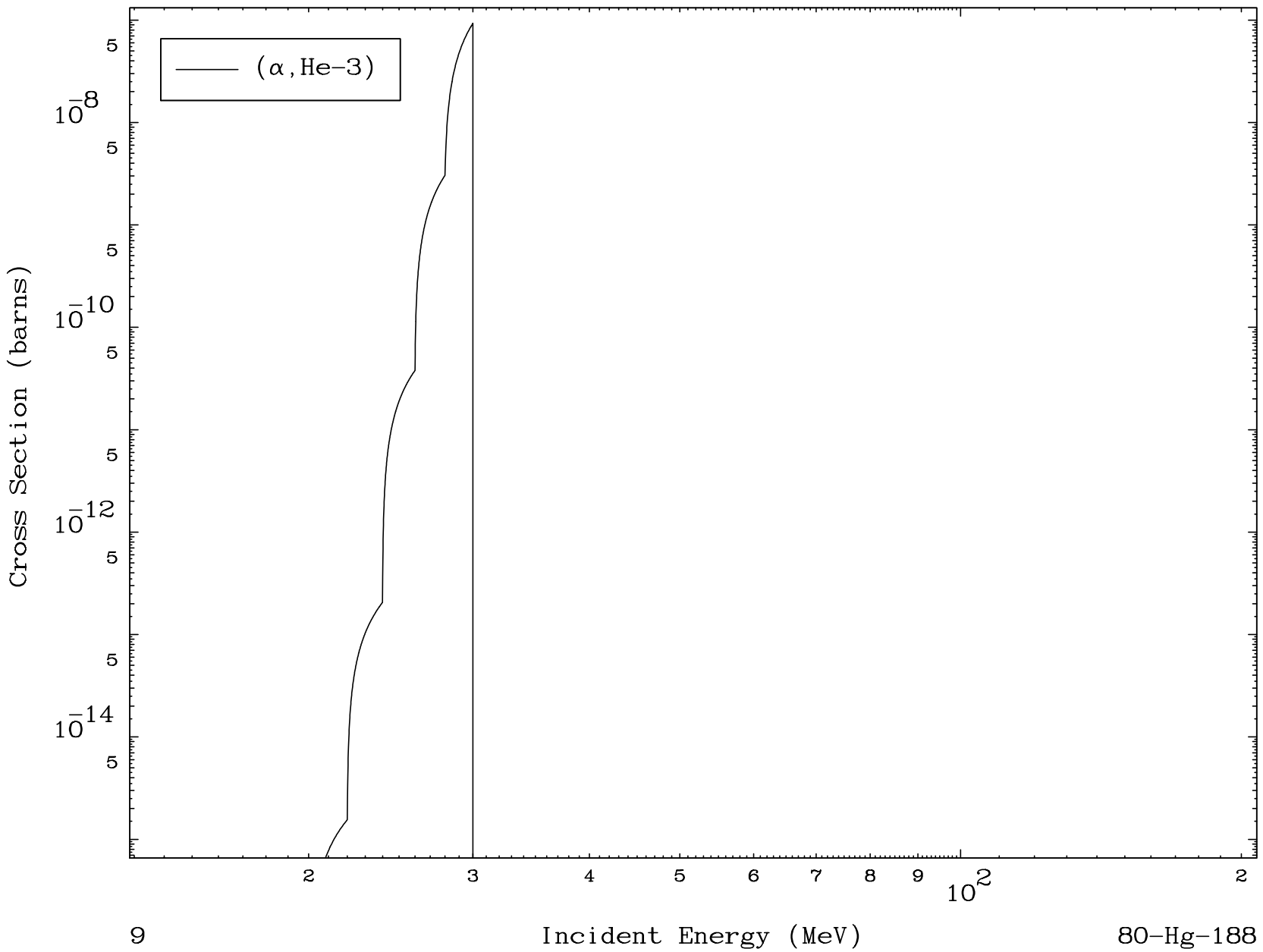

MAT 8001
(α,n') Level
80-Hg-188
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
Incident Energy (MeV)
80-Hg-188

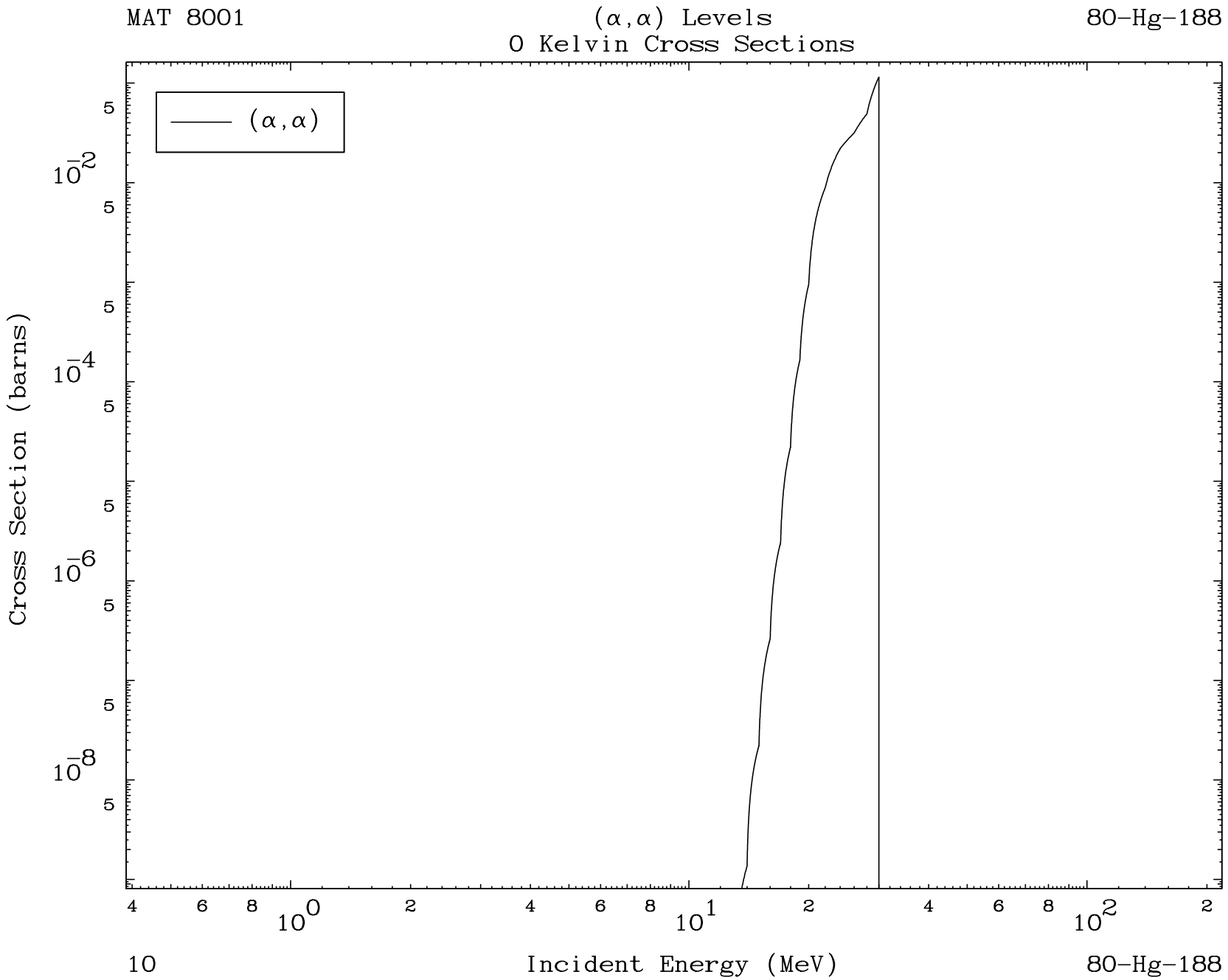

MAT 8001
(α,p) Levels
80-Hg-188
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
9
10 1
2
3
4
5
6
7
8
9
10 2
2
6
Incident Energy (MeV)
80-Hg-188

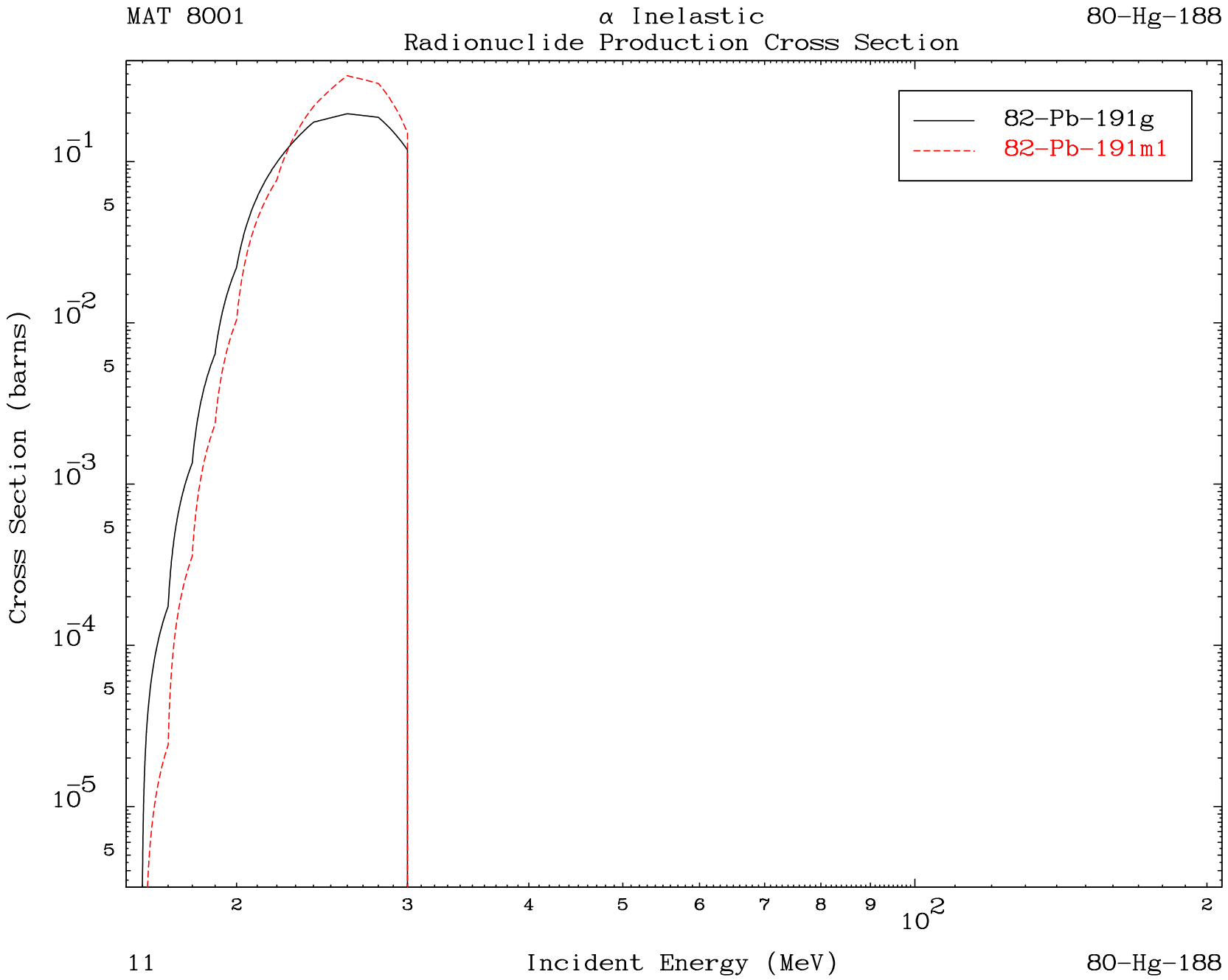

0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-4
5
10-6
5
10-8
5
10-10
5
10-12
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)

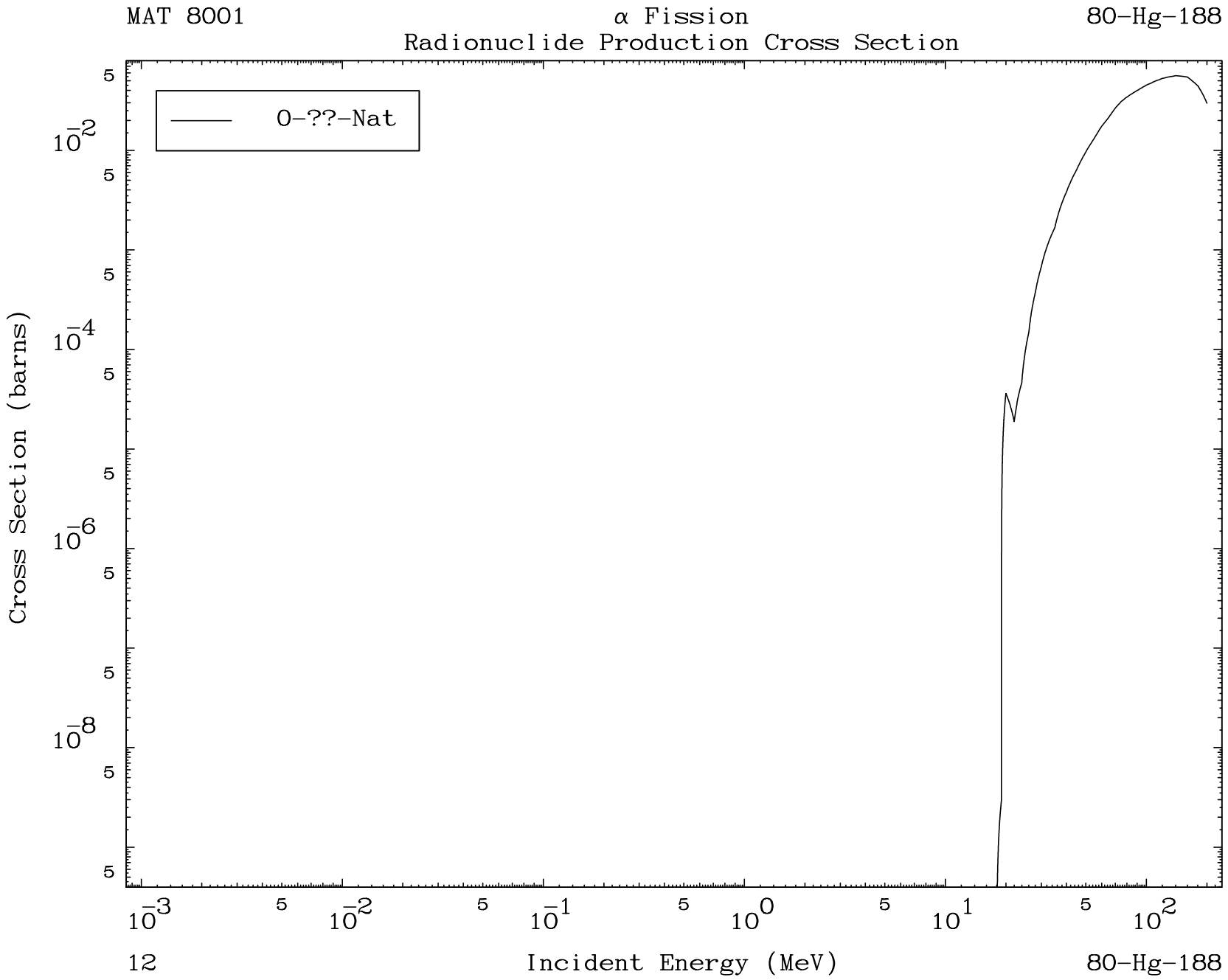
0 Kelvin Cross Sections

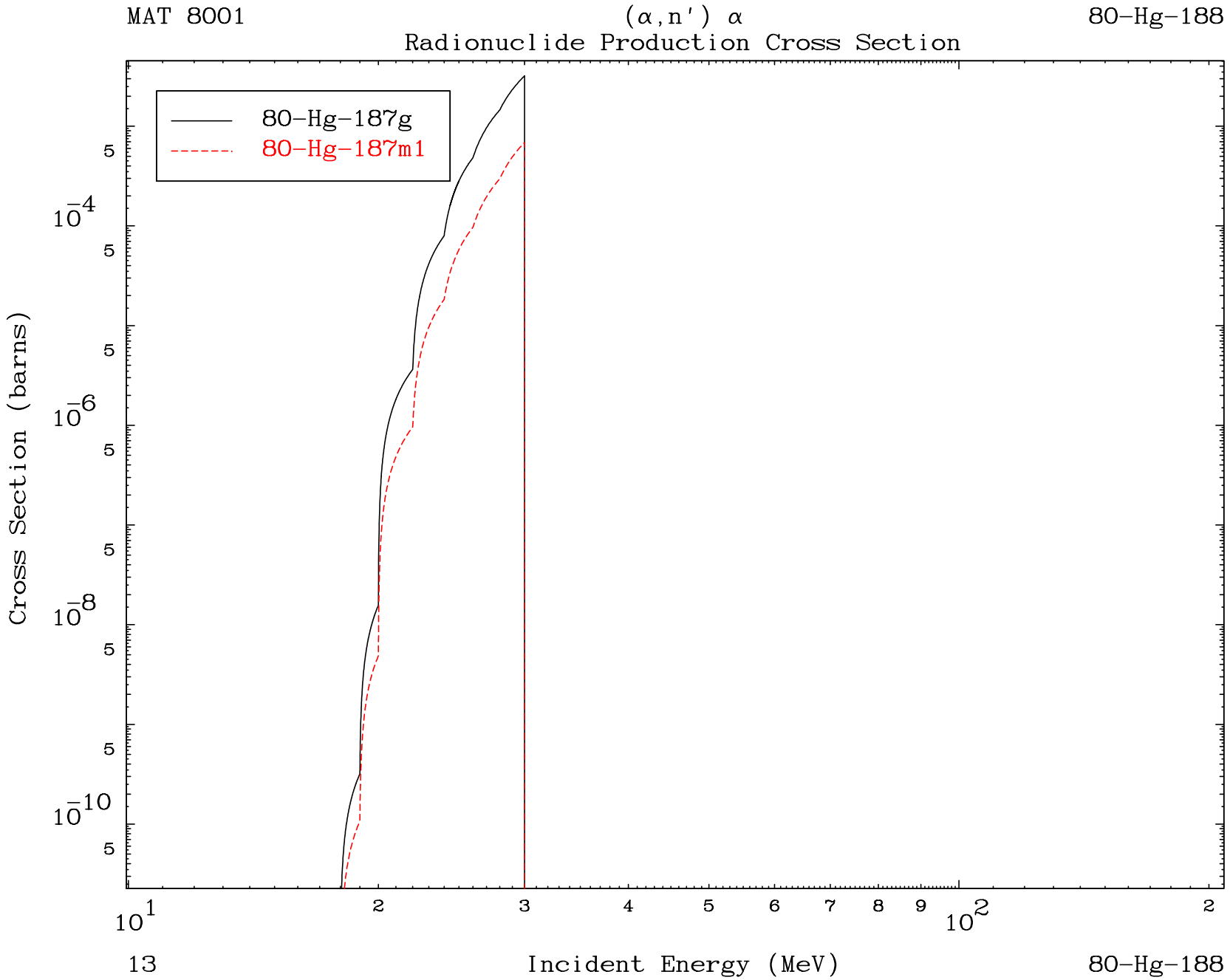


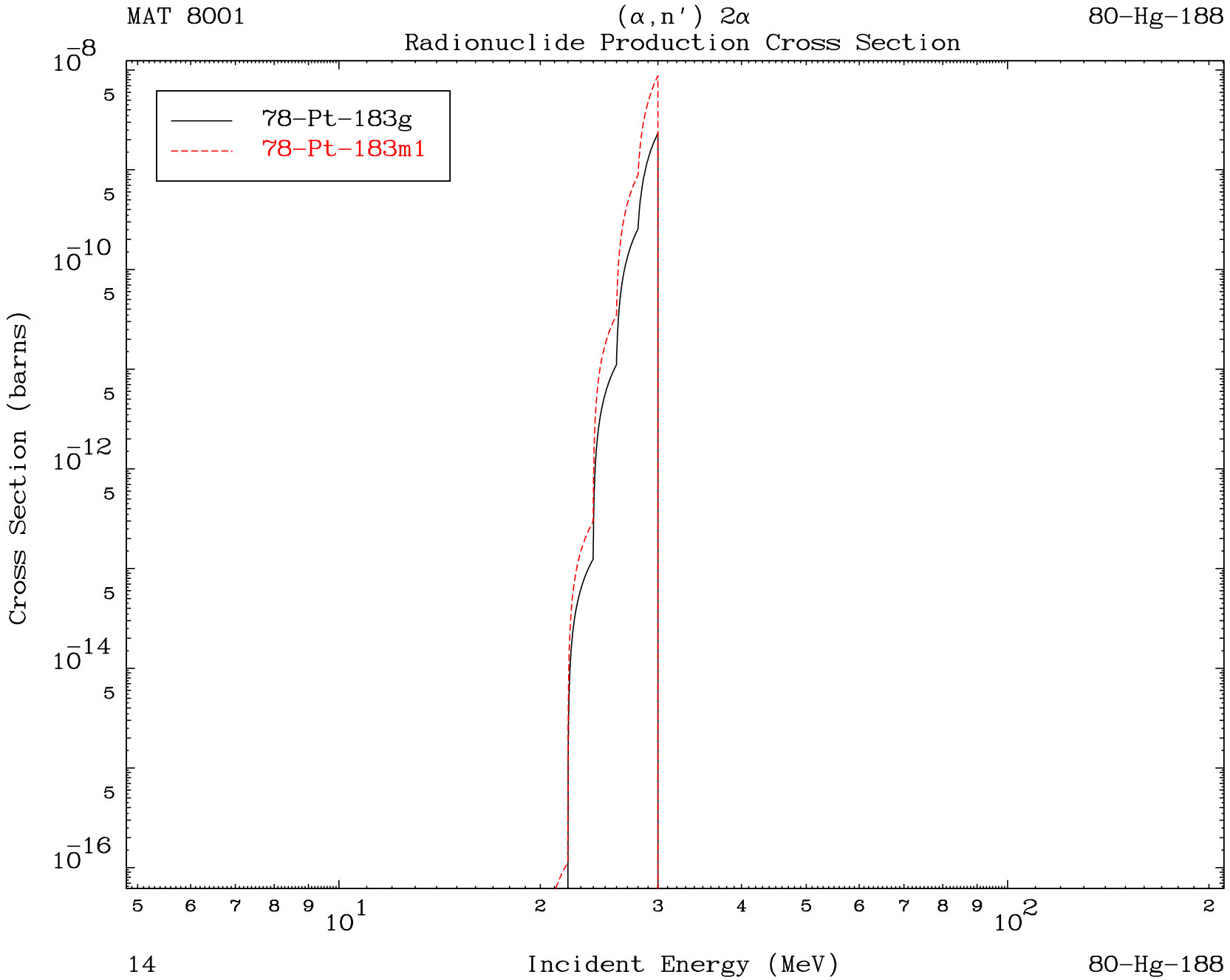

0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)

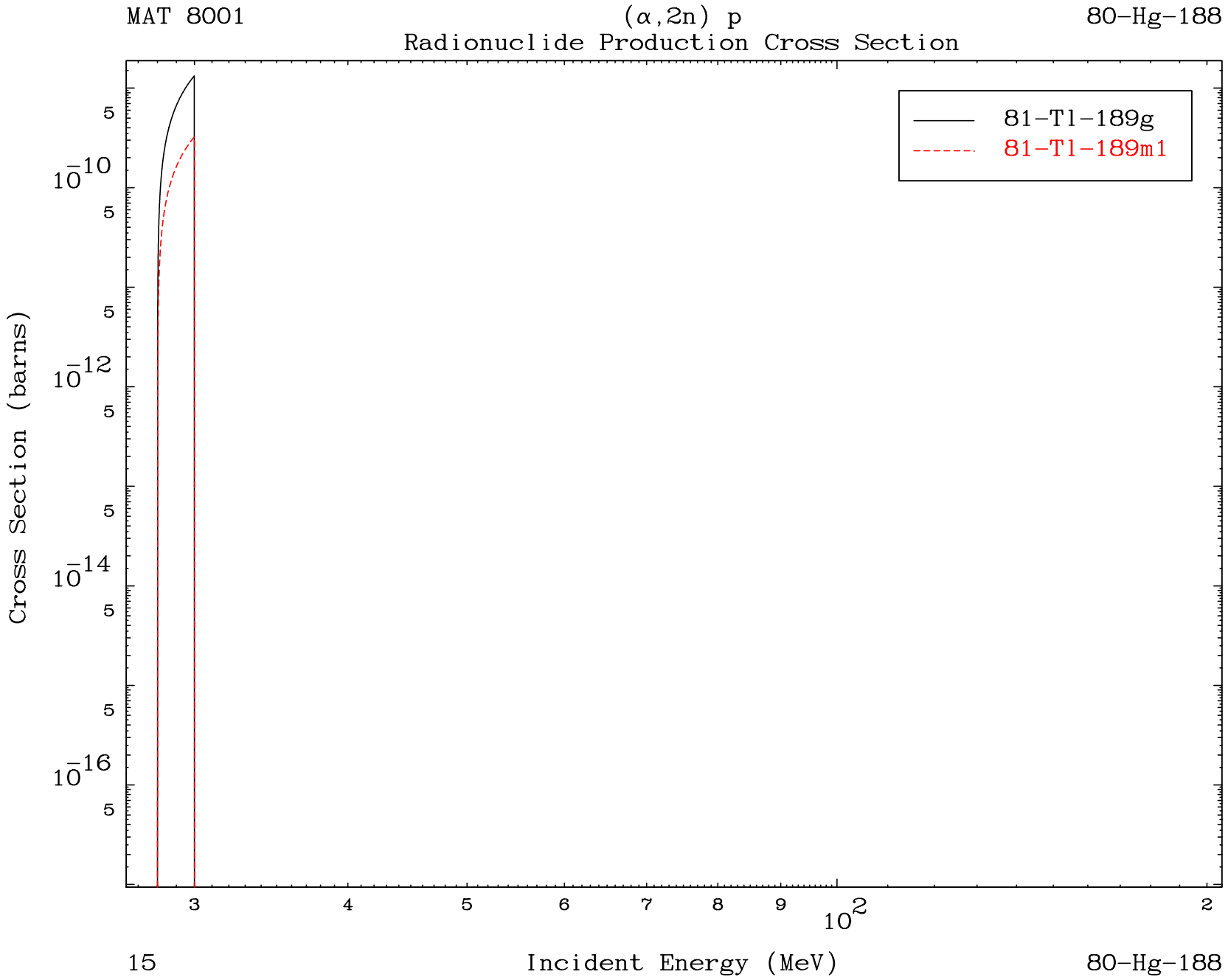

MAT 8001
(α,α) Levels
80-Hg-188
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
80-Hg-188

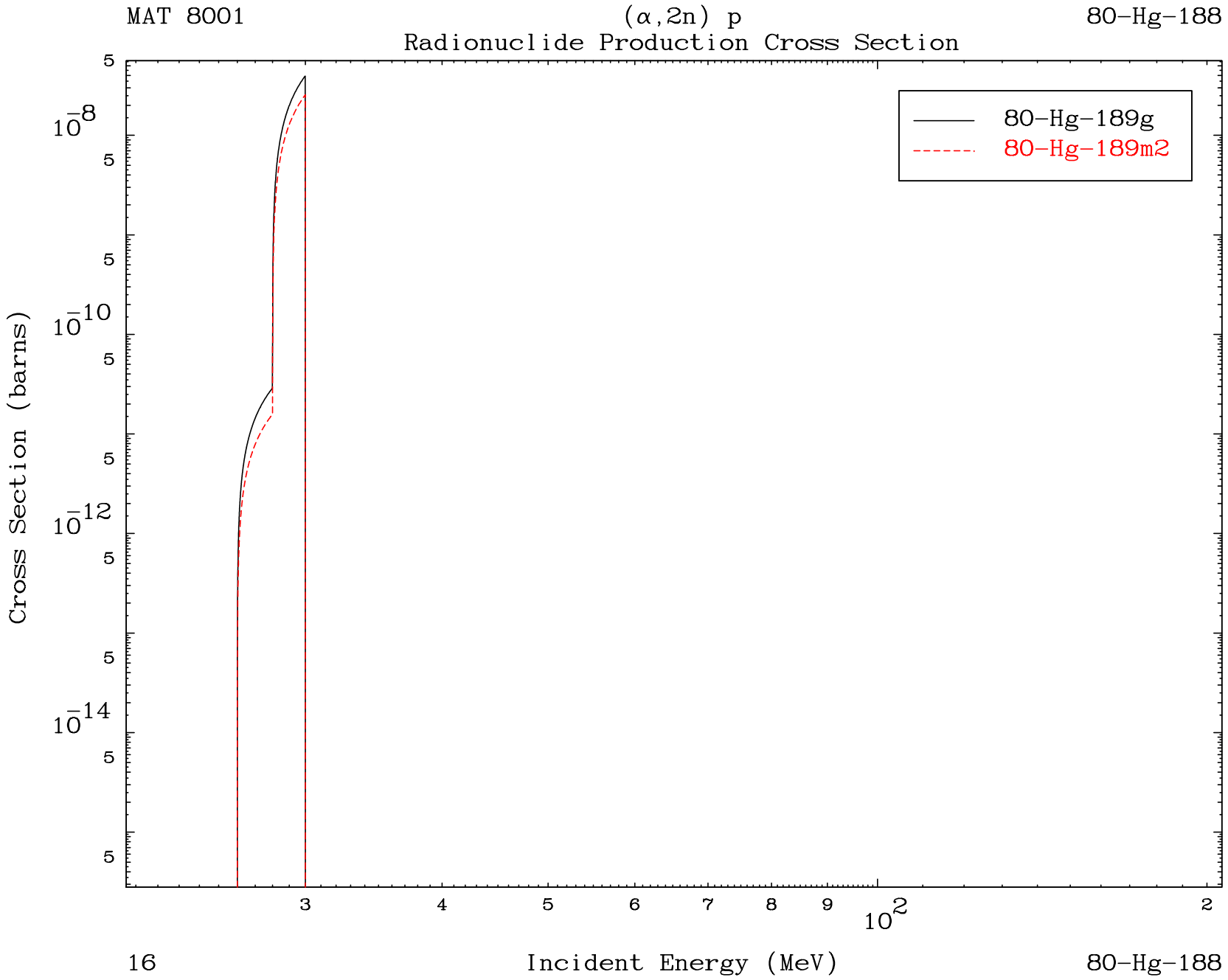

MAT 8001
α Inelastic
80-Hg-188
Radionuclide Production Cross Section
82-Pb-191g
82-Pb-191m1
Cross Section (barns)
10-1
10-2
10-3
10-4
10-5
2
3
4
5
6
7
8
9
10 2
11
Incident Energy (MeV)
80-Hg-188

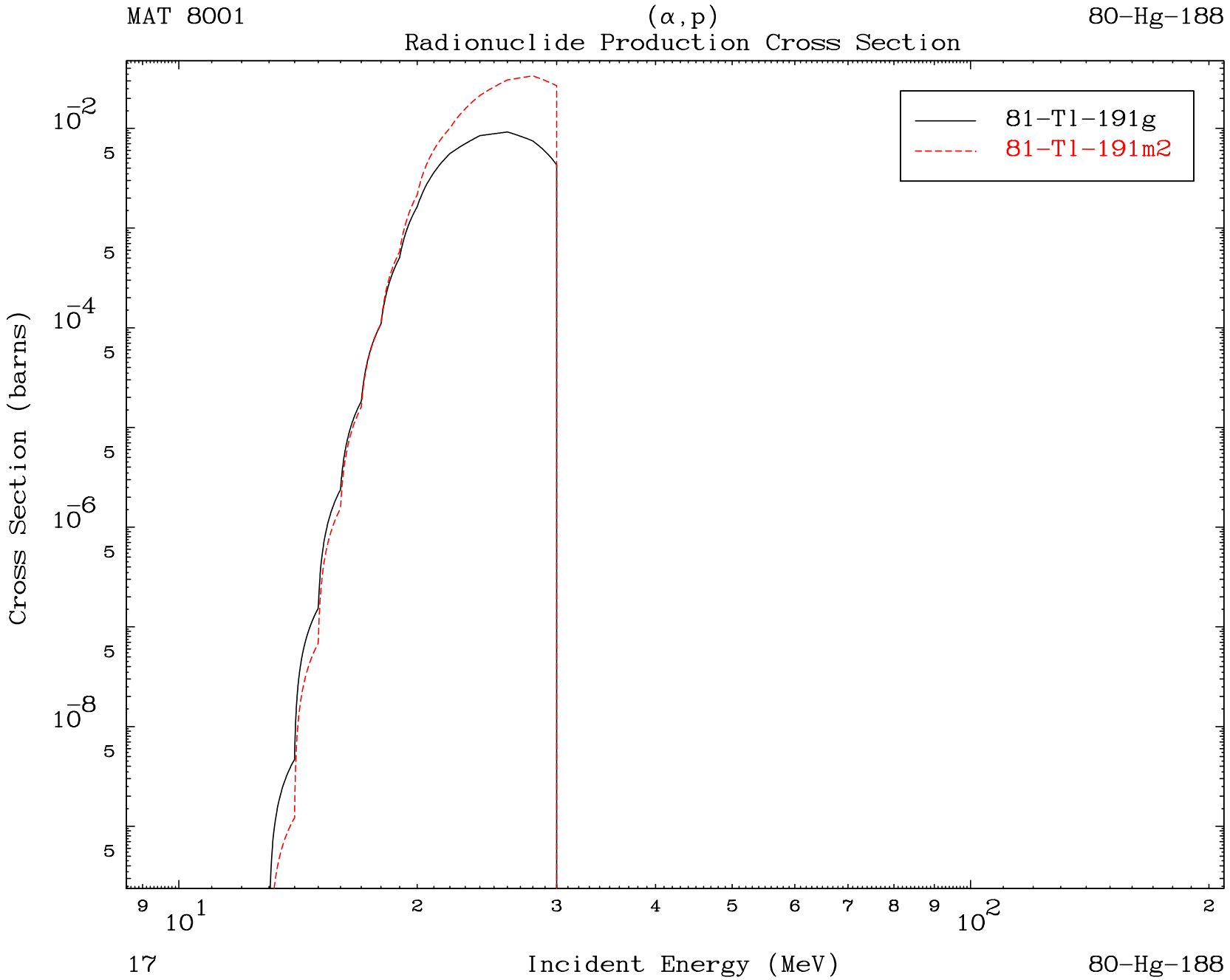

MAT 8001
α Fission
80-Hg-188
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
12
80-Hg-188

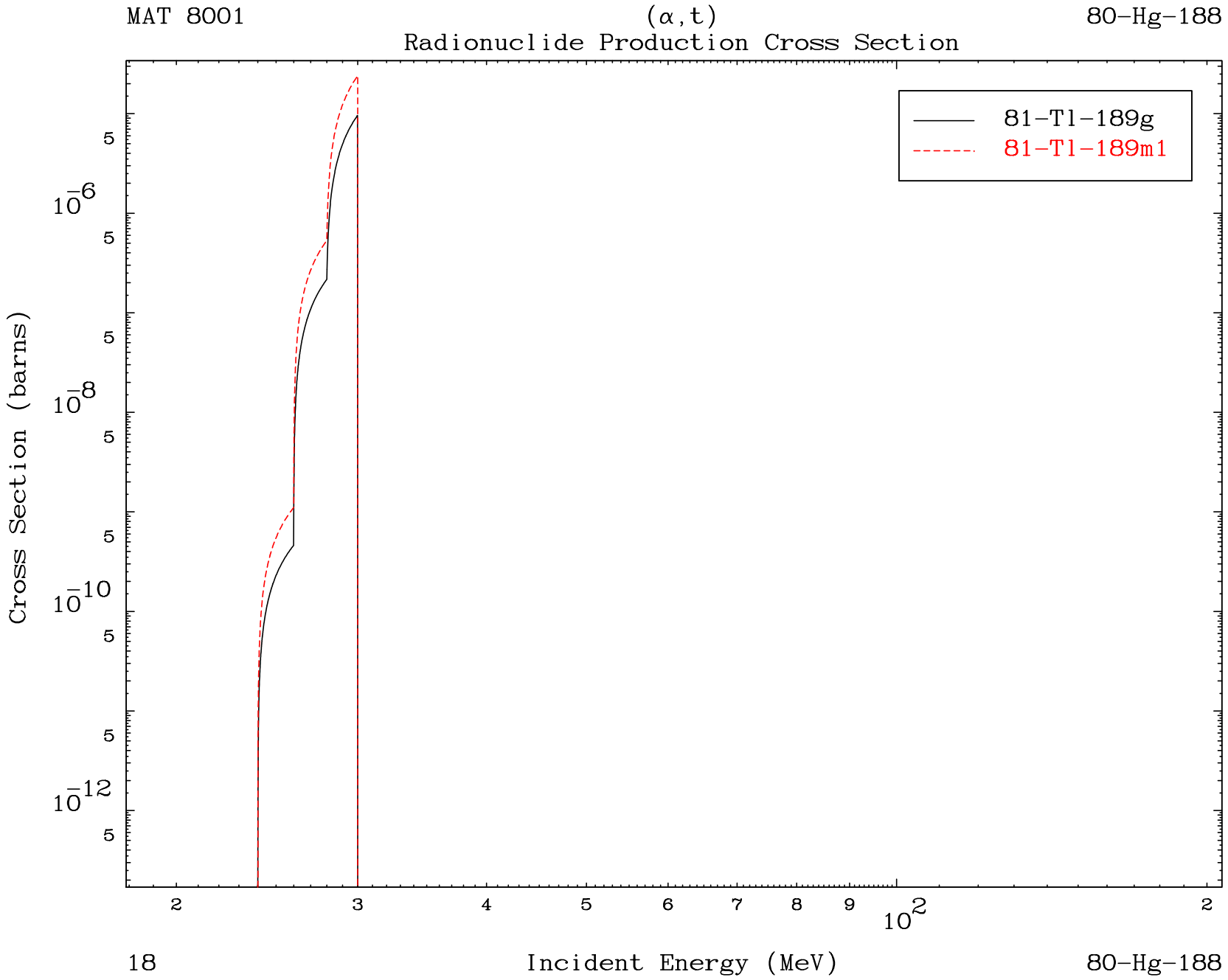

MAT 8001
(α,n') α
80-Hg-188
Radionuclide Production Cross Section
80-Hg-187g
80-Hg-187m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
101
2
3
4
5
6
7
8
9
102
2
Incident Energy (MeV)
13
80-Hg-188

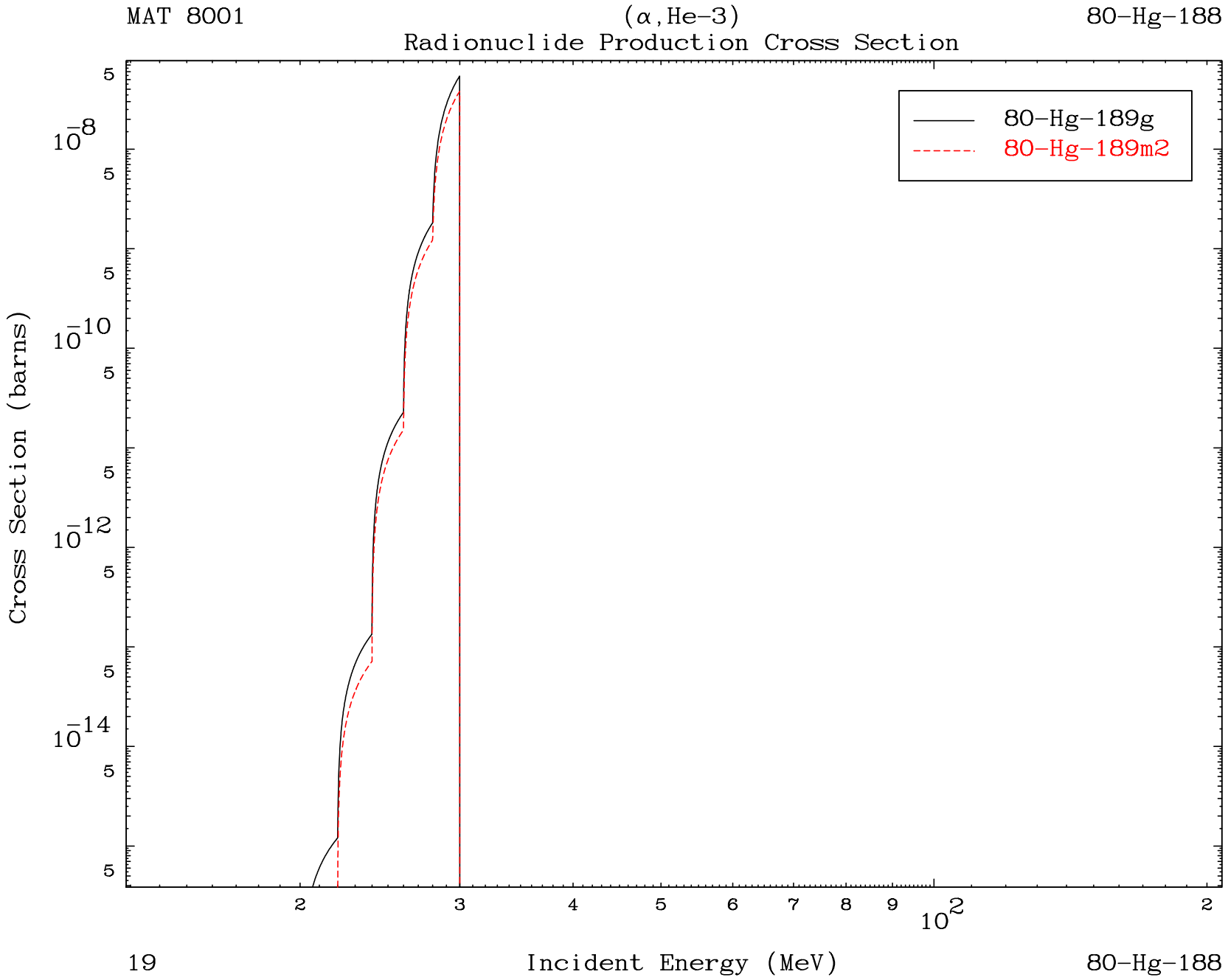

MAT 8001
(α,n') 2α
80-Hg-188
Radionuclide Production Cross Section
78-Pt-183g
78-Pt-183m1
Cross Section (barns)
Incident Energy (MeV)
14
80-Hg-188

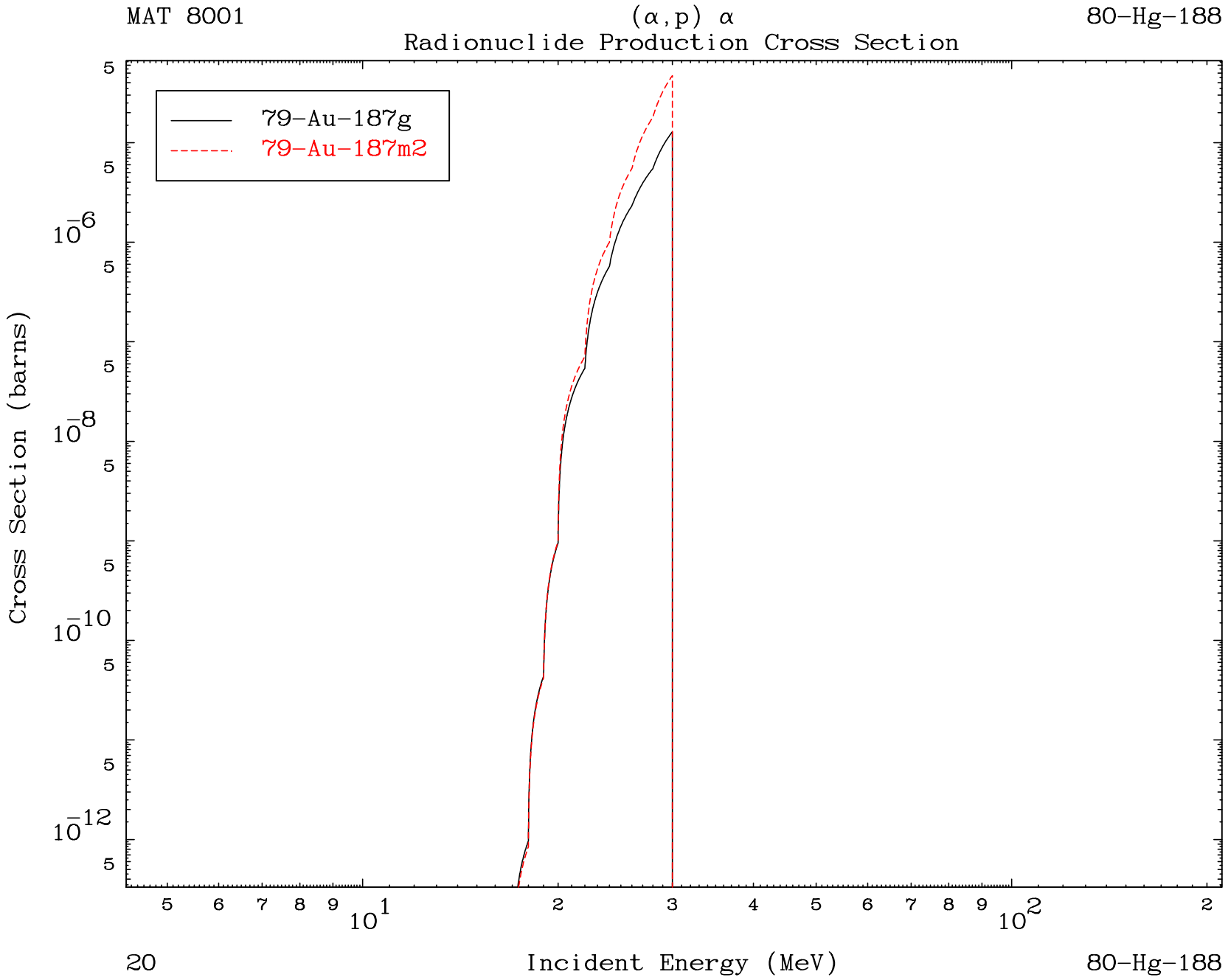

MAT 8001
(α,2n) p
80-Hg-188
Radionuclide Production Cross Section
81-Tl-189g
81-Tl-189m1
Cross Section (barns)
10-10
10-12
10-14
10-16
5
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
80-Hg-188


MAT 8001
(α,2n) p
80-Hg-188
Radionuclide Production Cross Section
80-Hg-189g
80-Hg-189m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
3
4
5
6
7
8
9
10^2
2
16
Incident Energy (MeV)
80-Hg-188


MAT 8001
(α,p)
80-Hg-188
Radionuclide Production Cross Section
81-Tl-191g
81-Tl-191m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
9
10 1
2
3
4
5
6
7
8
9
10 2
2
17
Incident Energy (MeV)
80-Hg-188


MAT 8001
(α,t)
80-Hg-188
Radionuclide Production Cross Section
81-Tl-189g
81-Tl-189m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
18
Incident Energy (MeV)
80-Hg-188


MAT 8001
(α,He-3)
80-Hg-188
Radionuclide Production Cross Section
80-Hg-189g
80-Hg-189m2
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
19
Incident Energy (MeV)
80-Hg-188


MAT 8001
(α,p) α
80-Hg-188
Radionuclide Production Cross Section
79-Au-187g
79-Au-187m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^1
10^2
Incident Energy (MeV)
20
80-Hg-188