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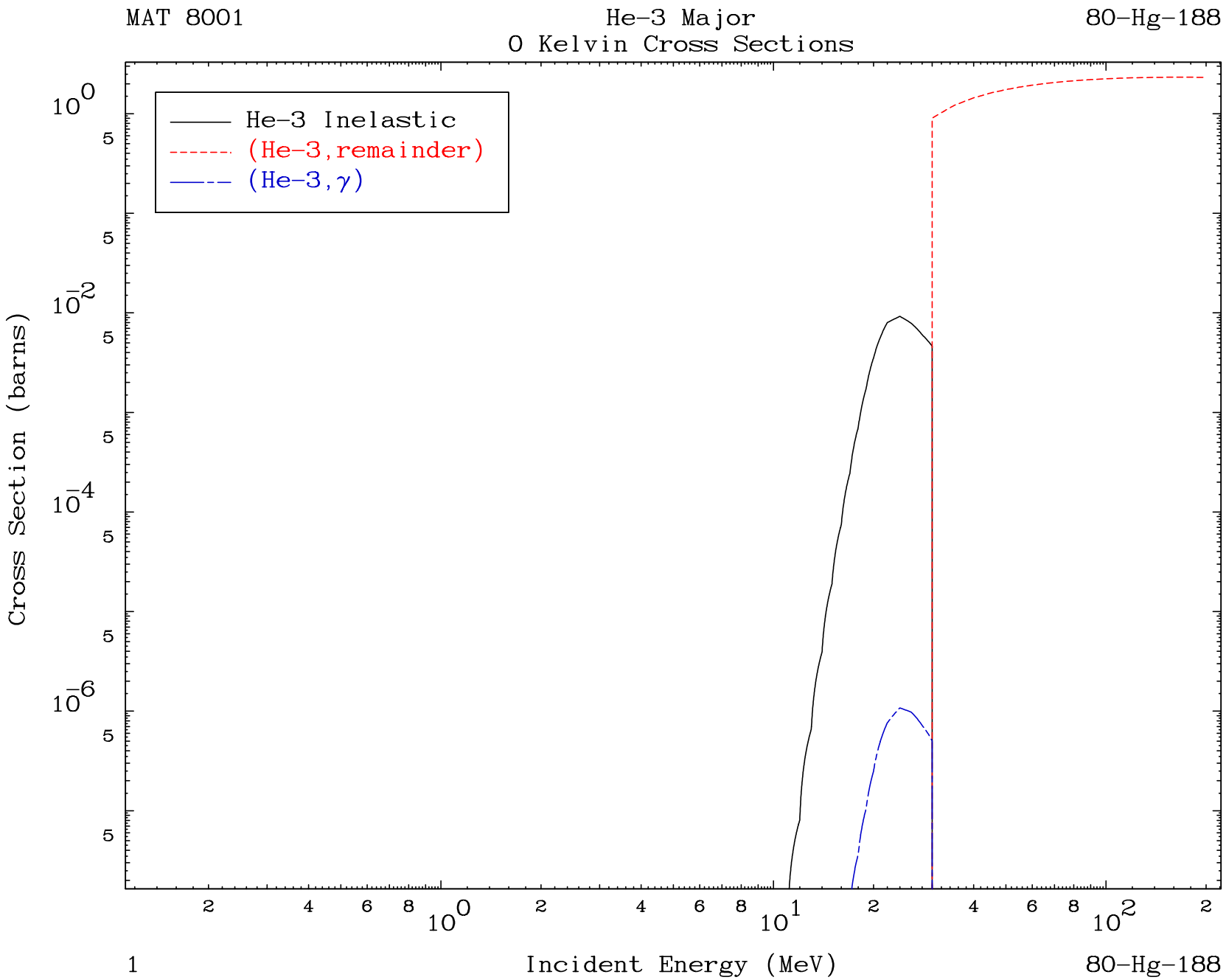
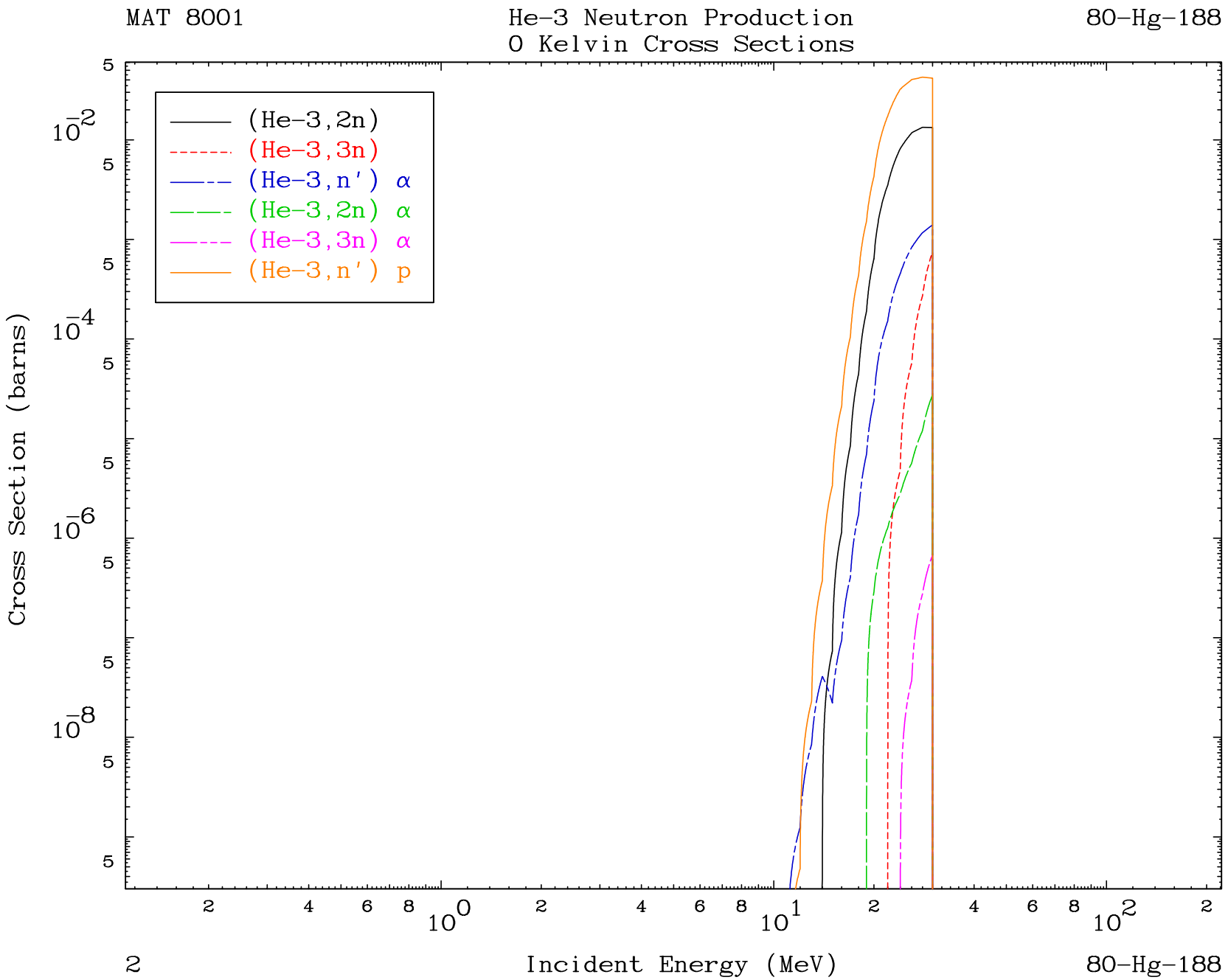
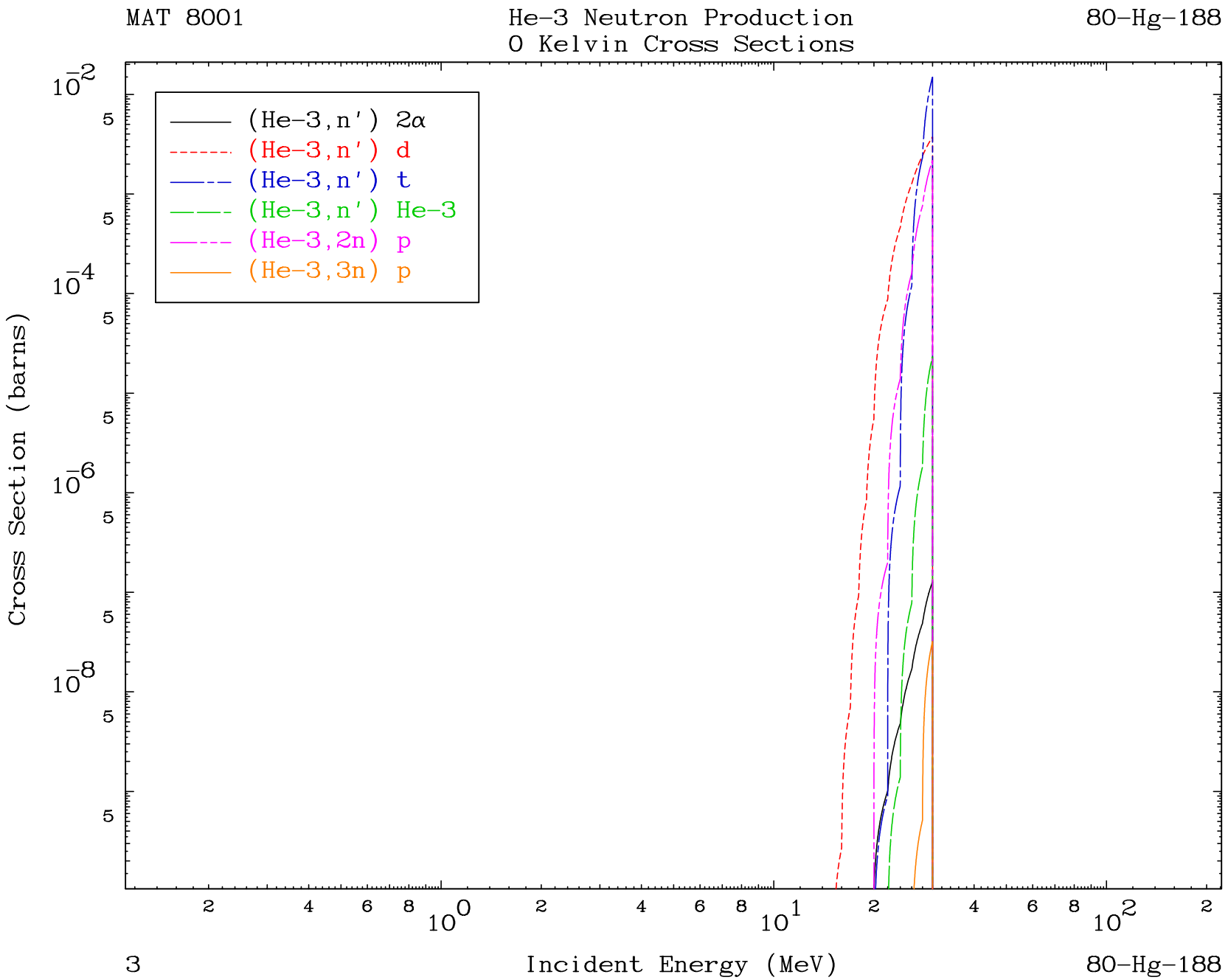
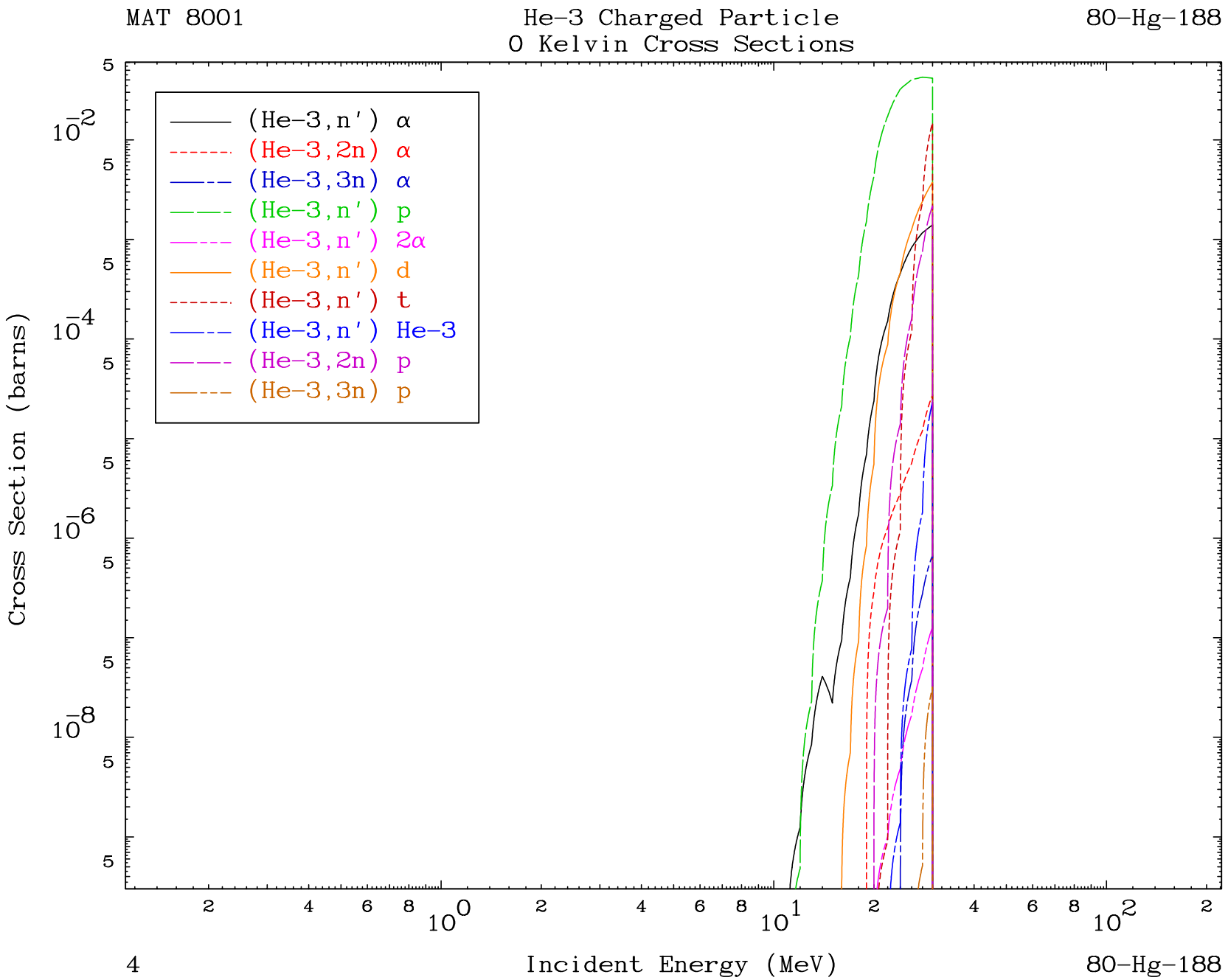
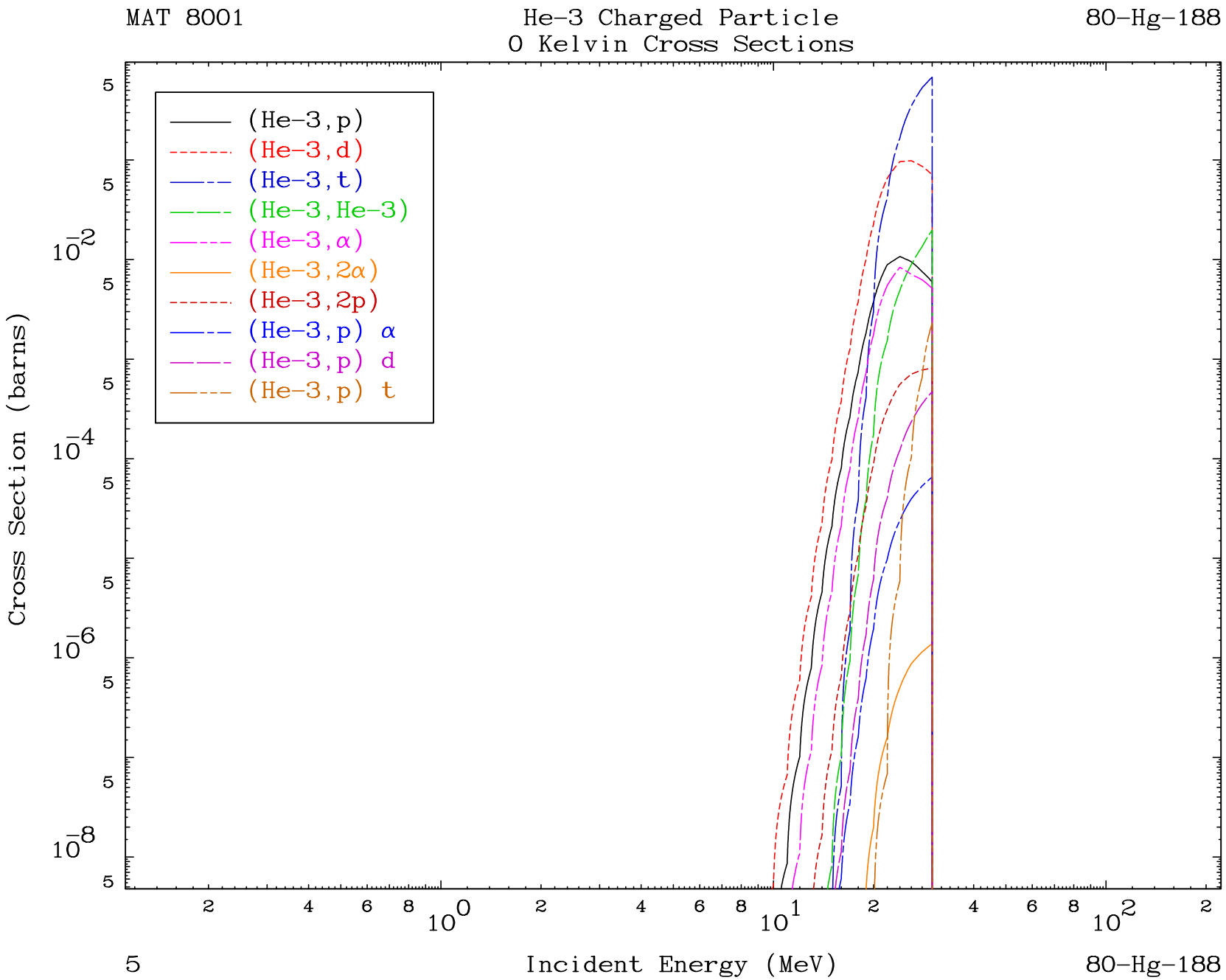
Press Mouse Button to Start

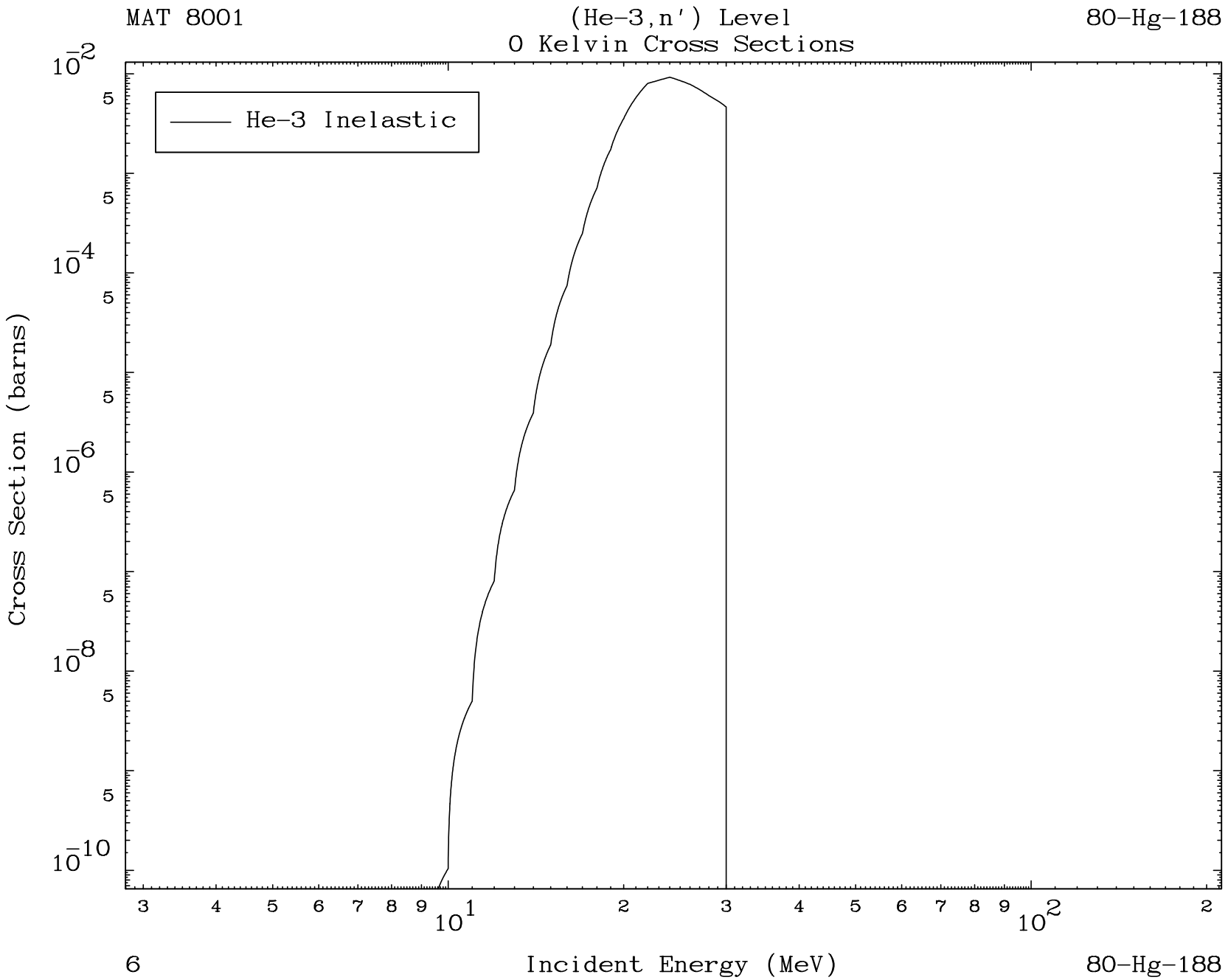

MAT 8001
He-3 Major
80-Hg-188
0 Kelvin Cross Sections
He-3 Inelastic
(He-3,remainder)
(He-3,γ)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-188
1

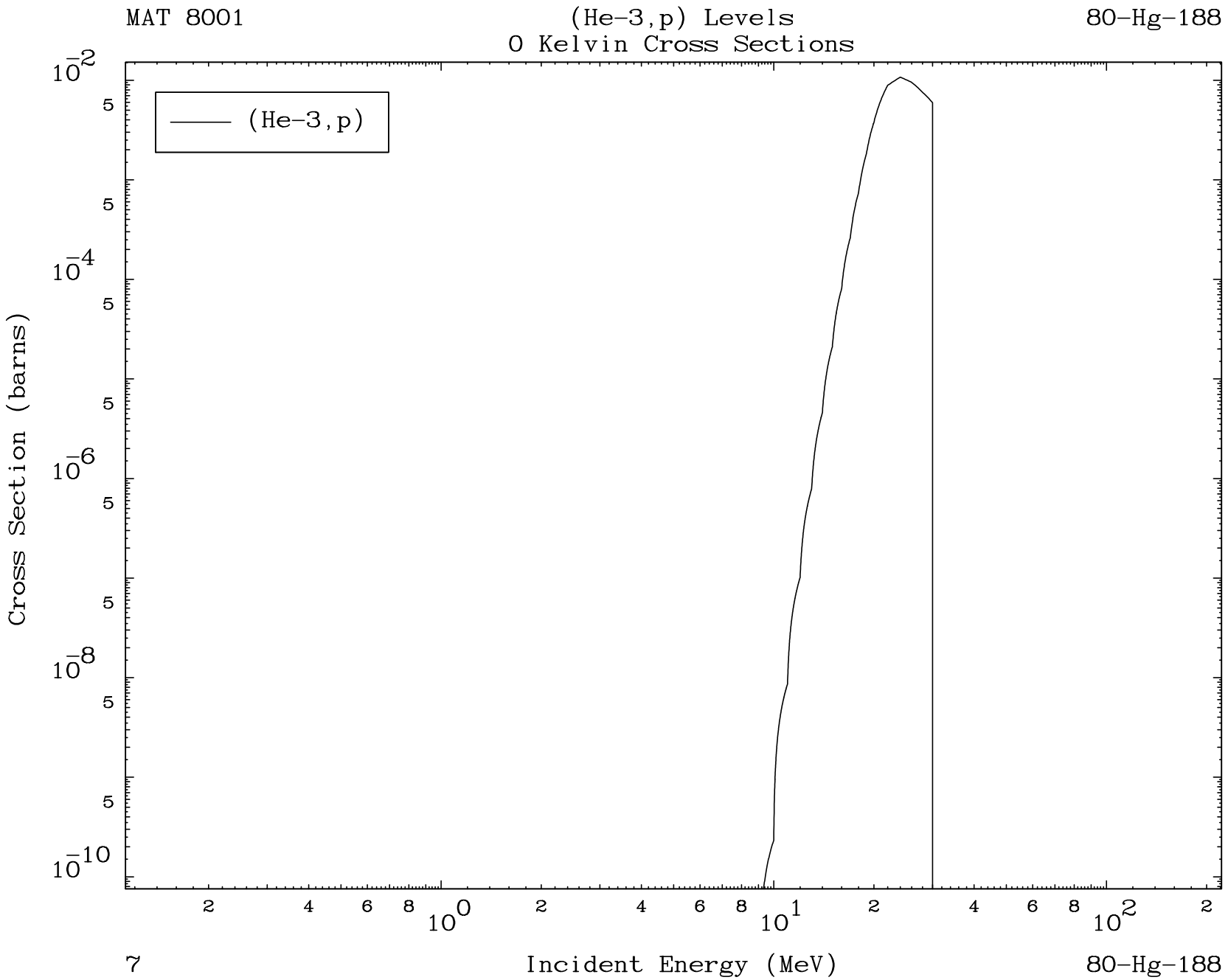

MAT 8001
He-3 Neutron Production
0 Kelvin Cross Sections
80-Hg-188
(He-3,2n)
(He-3,3n)
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
Cross Section (barns)
Incident Energy (MeV)
80-Hg-188
2

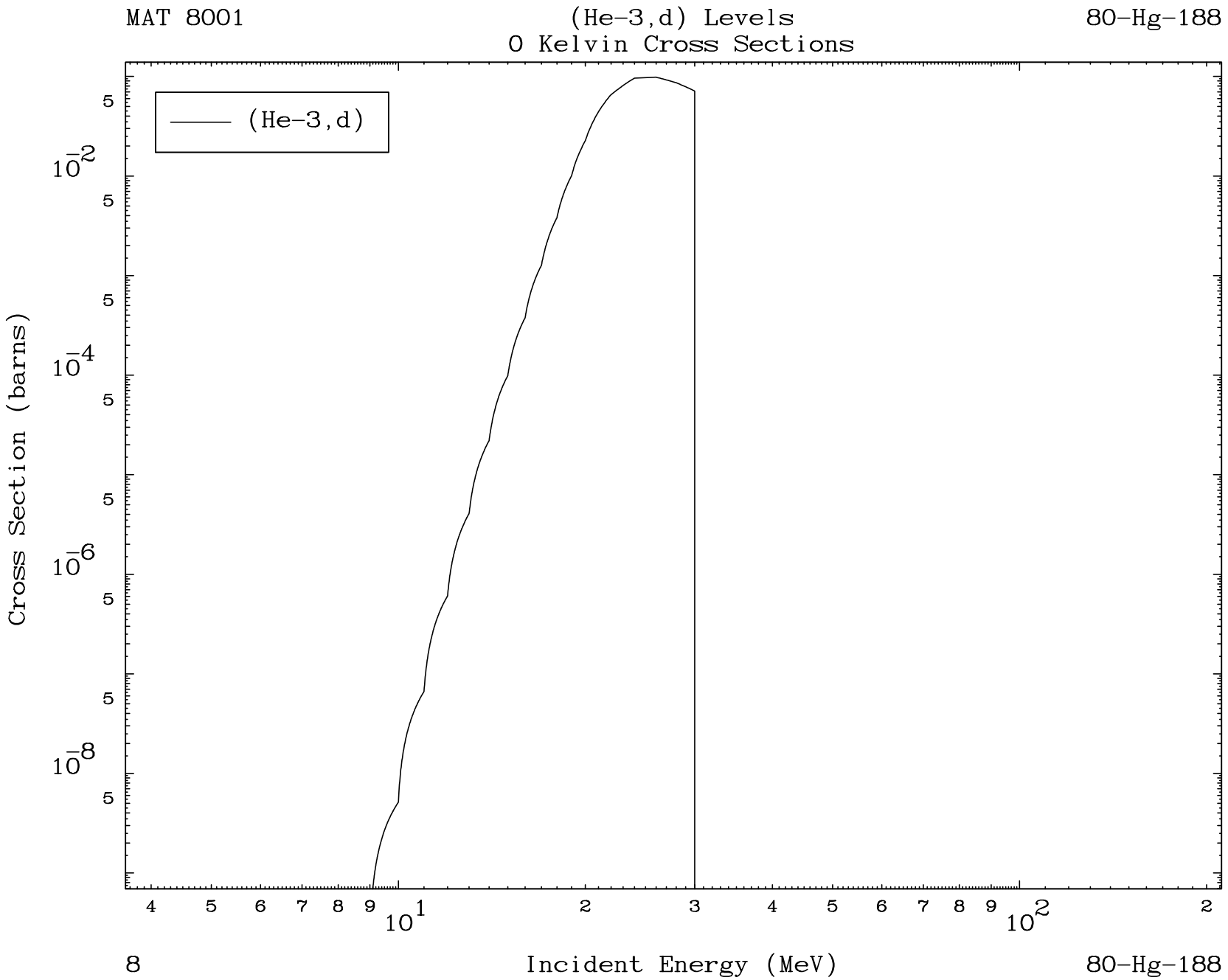

MAT 8001
He-3 Neutron Production
0 Kelvin Cross Sections
80-Hg-188
(He-3,n') 2α
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
80-Hg-188

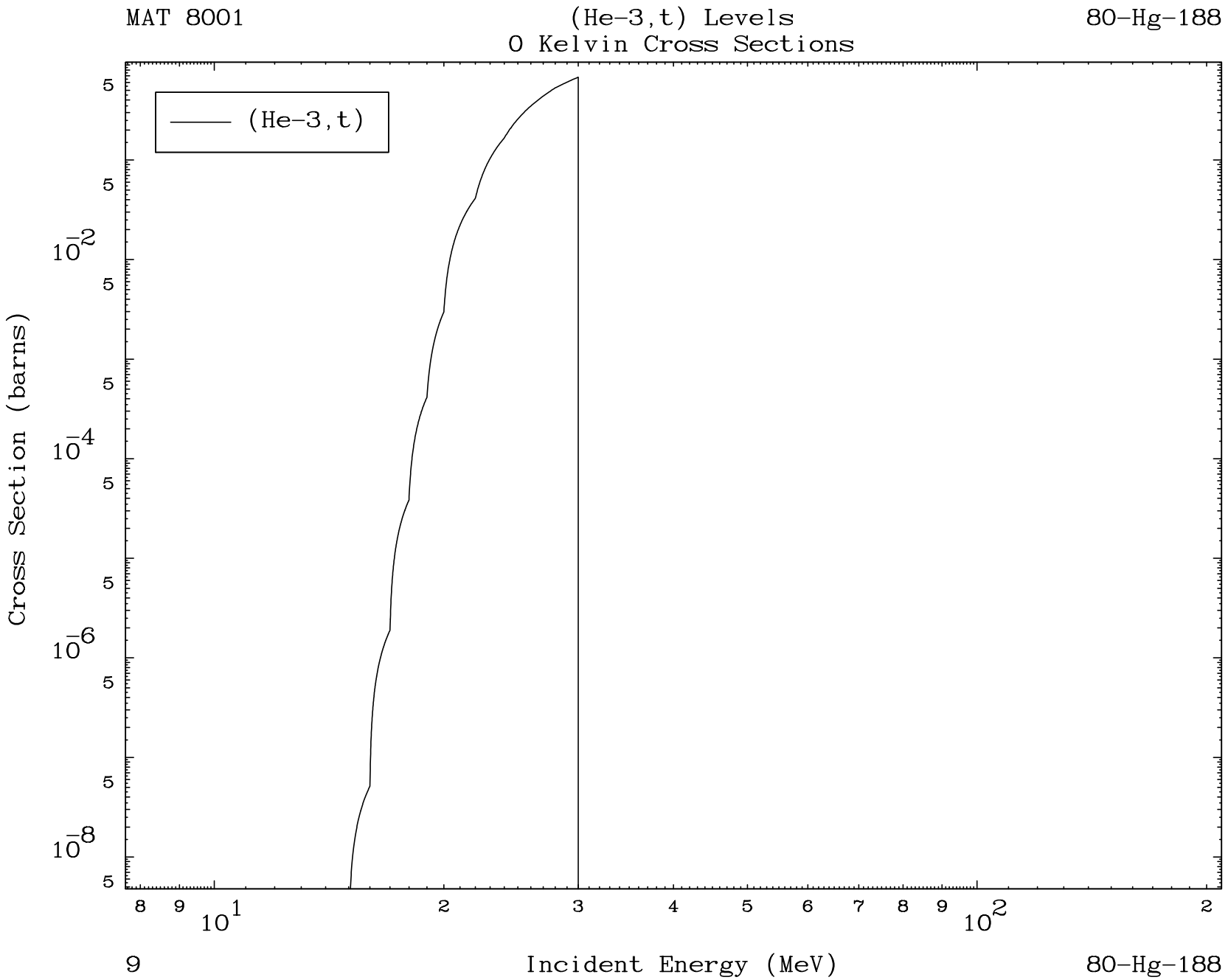

MAT 8001
He-3 Charged Particle
0 Kelvin Cross Sections
80-Hg-188
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') 2α
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
80-Hg-188

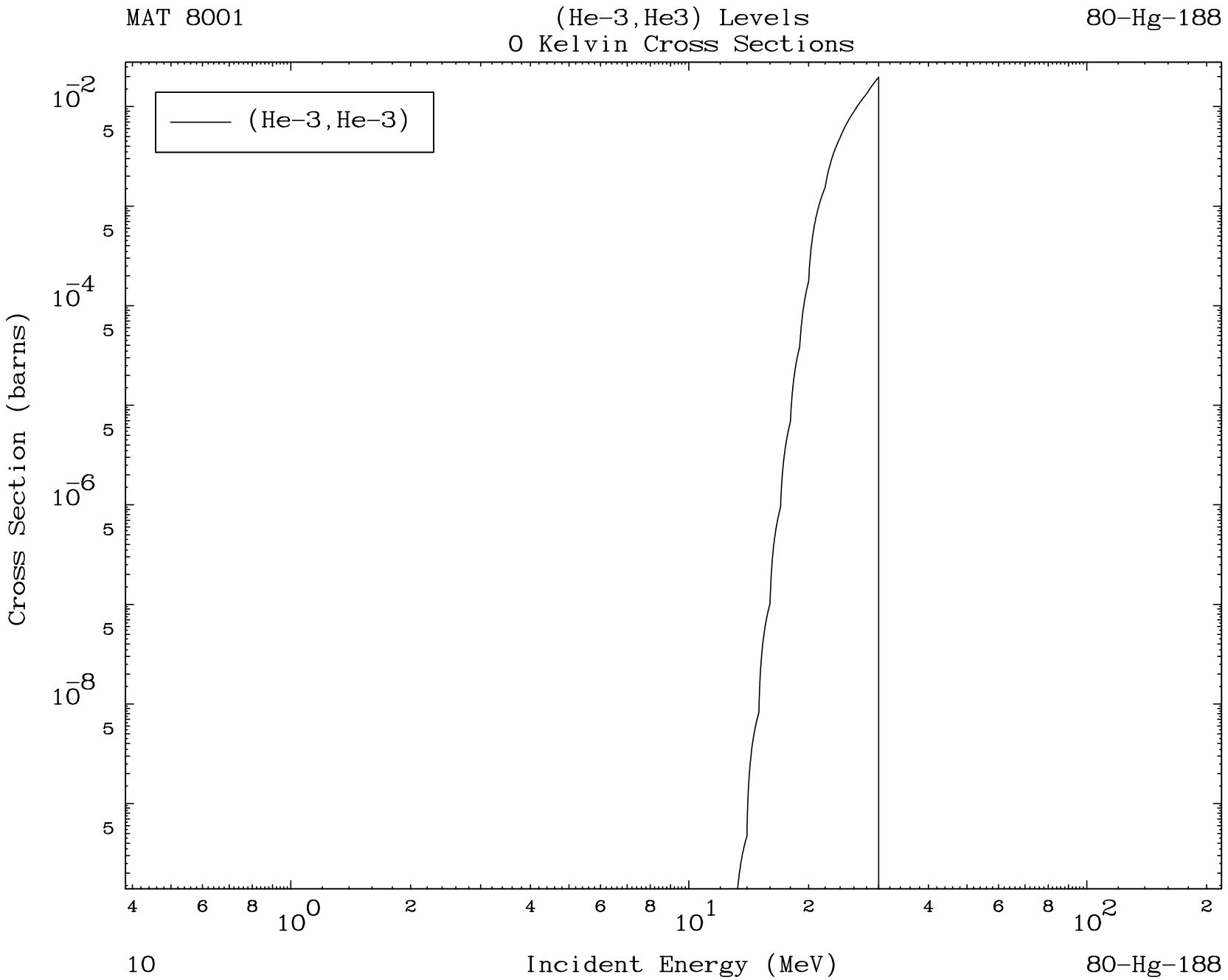

MAT 8001
He-3 Charged Particle
0 Kelvin Cross Sections
80-Hg-188
(He-3,p)
(He-3,d)
(He-3,t)
(He-3,He-3)
(He-3,α)
(He-3,2α)
(He-3,2p)
(He-3,p) α
(He-3,p) d
(He-3,p) t
Cross Section (barns)
Incident Energy (MeV)
80-Hg-188

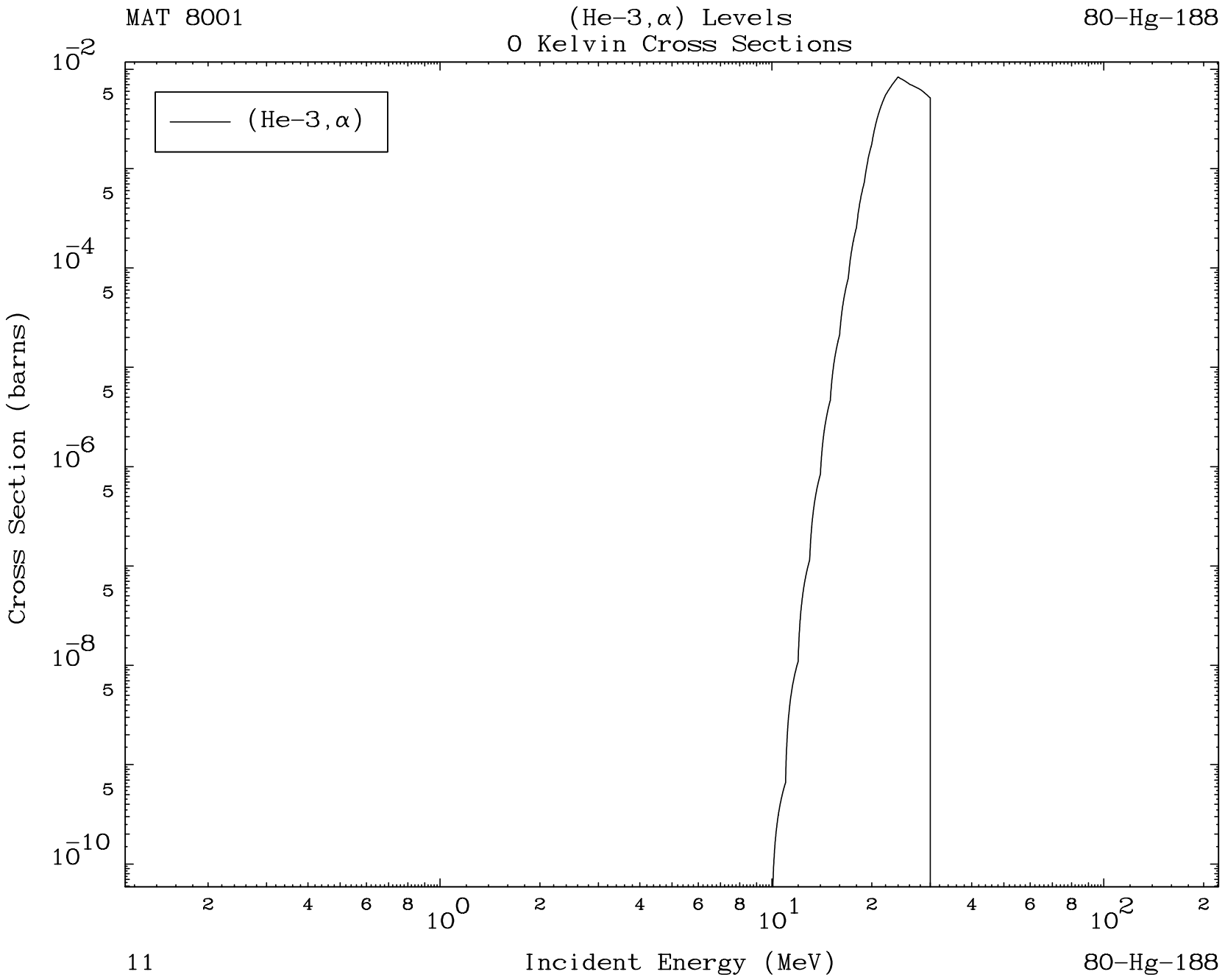

MAT 8001
(He-3,n') Level
0 Kelvin Cross Sections
80-Hg-188
He-3 Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
80-Hg-188

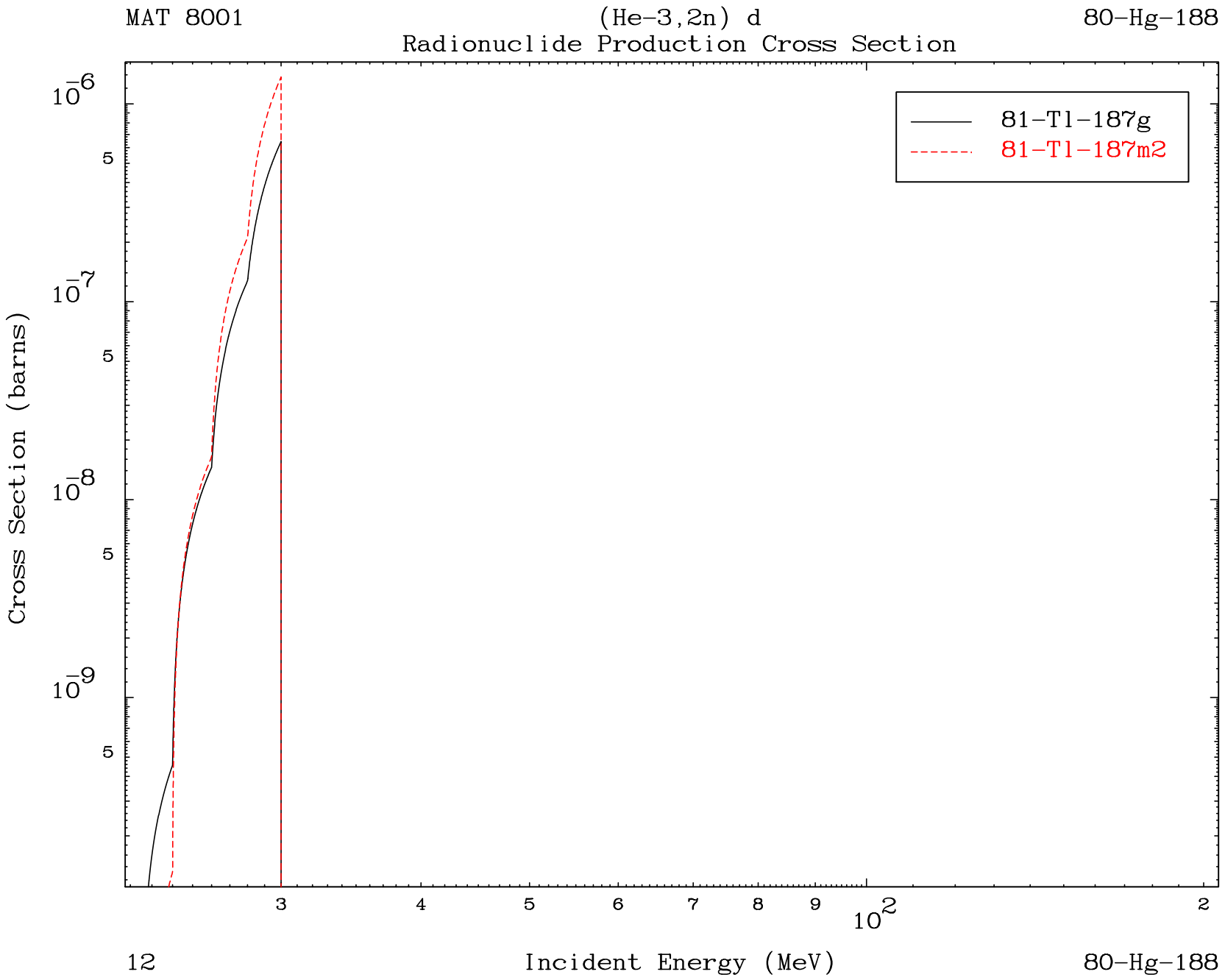

MAT 8001
(He-3,p) Levels
0 Kelvin Cross Sections
80-Hg-188
(He-3,p)
Cross Section (barns)
Incident Energy (MeV)
7
80-Hg-188

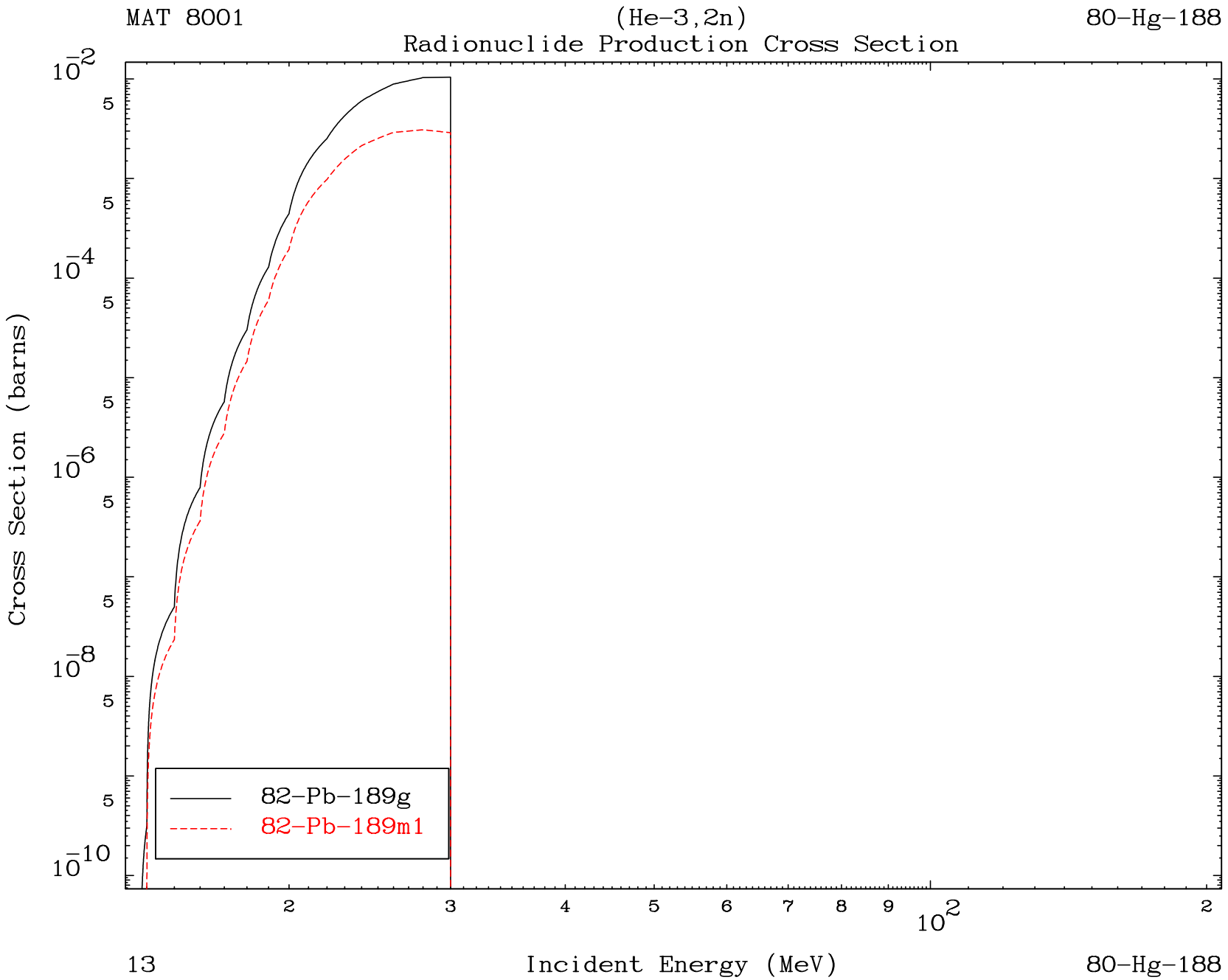

MAT 8001
(He-3,d) Levels
80-Hg-188
0 Kelvin Cross Sections
(He-3,d)
Cross Section (barns)
Incident Energy (MeV)
8
80-Hg-188

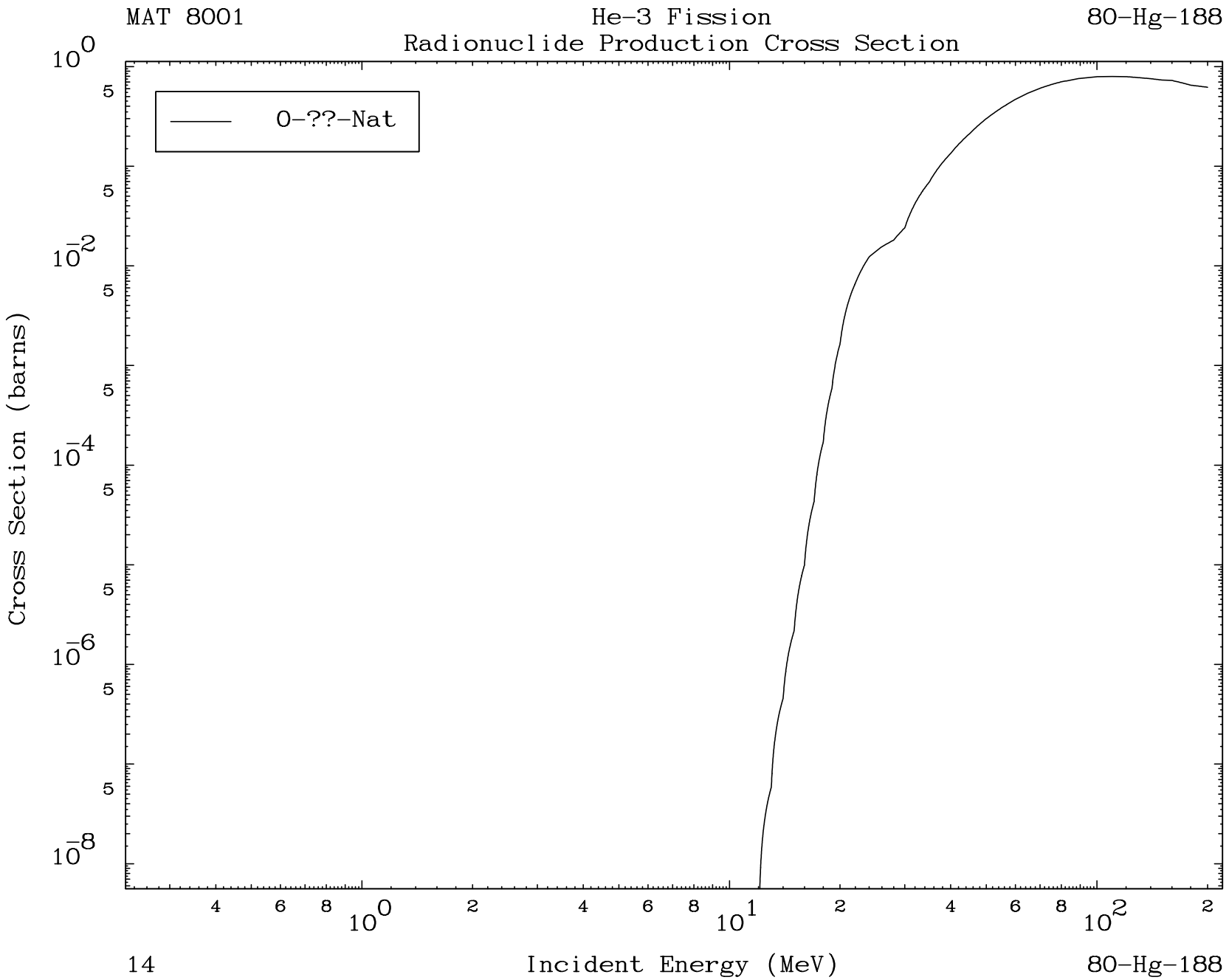

MAT 8001
(He-3,t) Levels
80-Hg-188
0 Kelvin Cross Sections
(He-3,t)
Cross Section (barns)
Incident Energy (MeV)
9
80-Hg-188

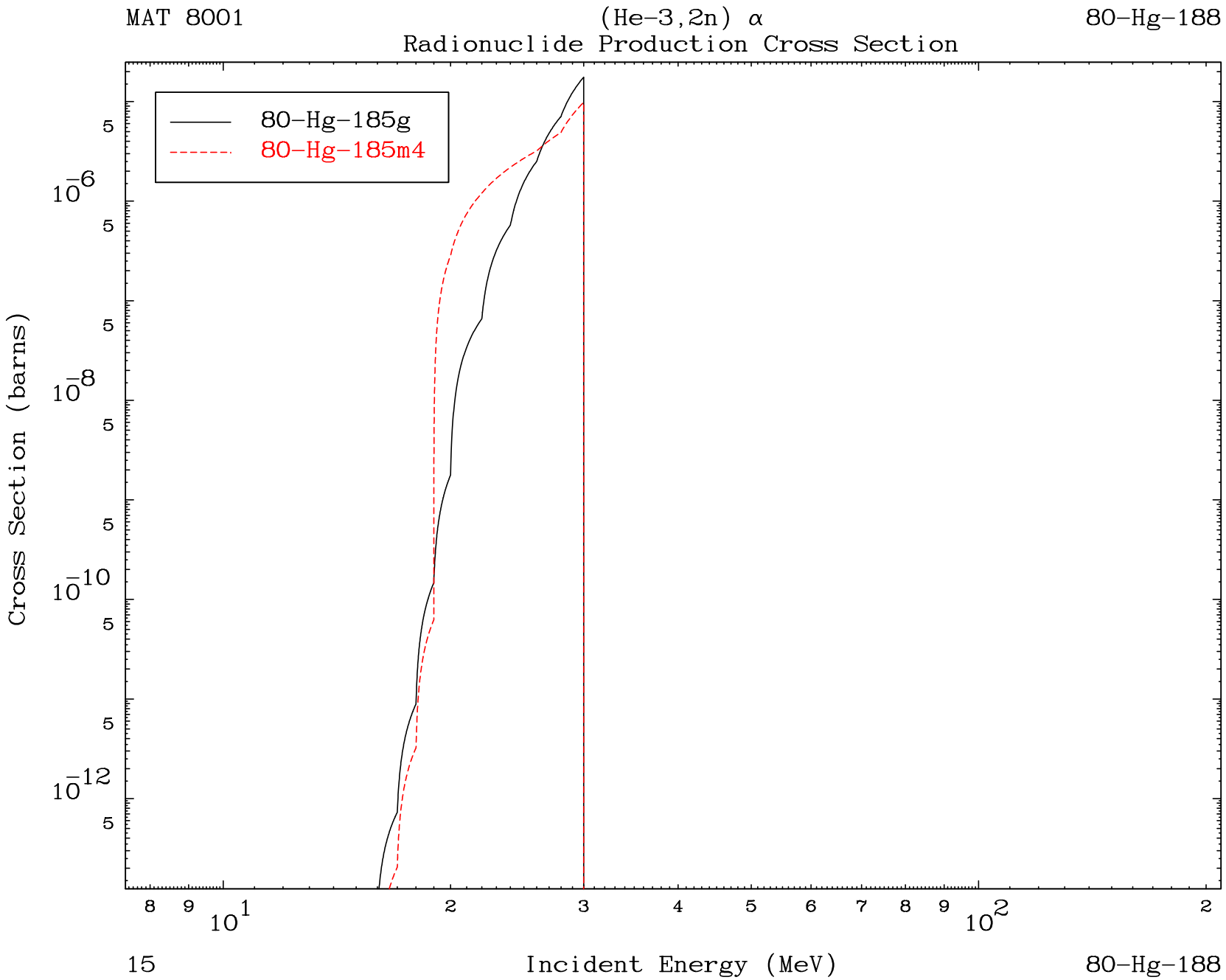

MAT 8001
(He-3,He3) Levels
80-Hg-188
0 Kelvin Cross Sections
(He-3,He-3)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-188

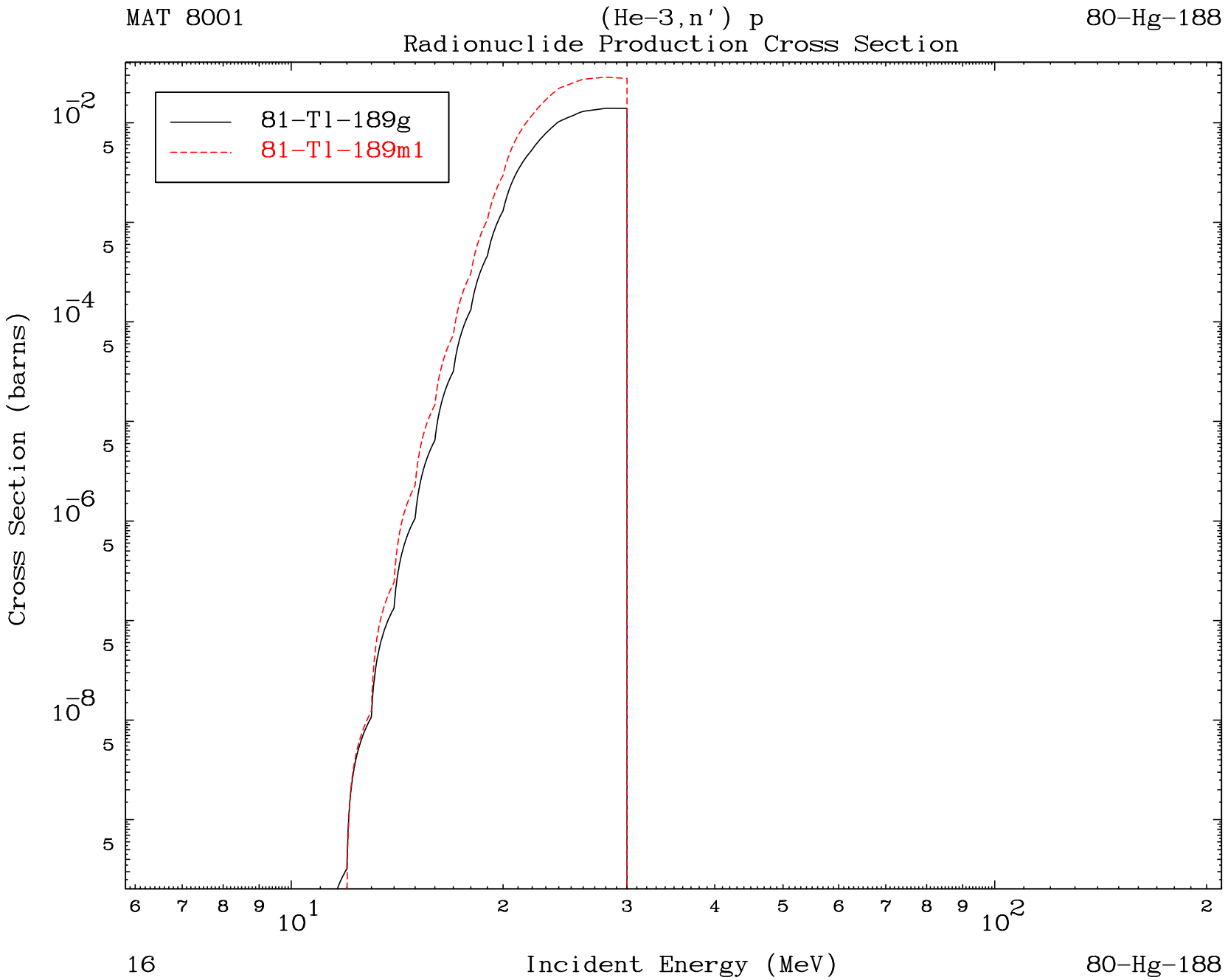

MAT 8001
(He-3,α) Levels
80-Hg-188
0 Kelvin Cross Sections
(He-3,α)
Cross Section (barns)
Incident Energy (MeV)
11
80-Hg-188

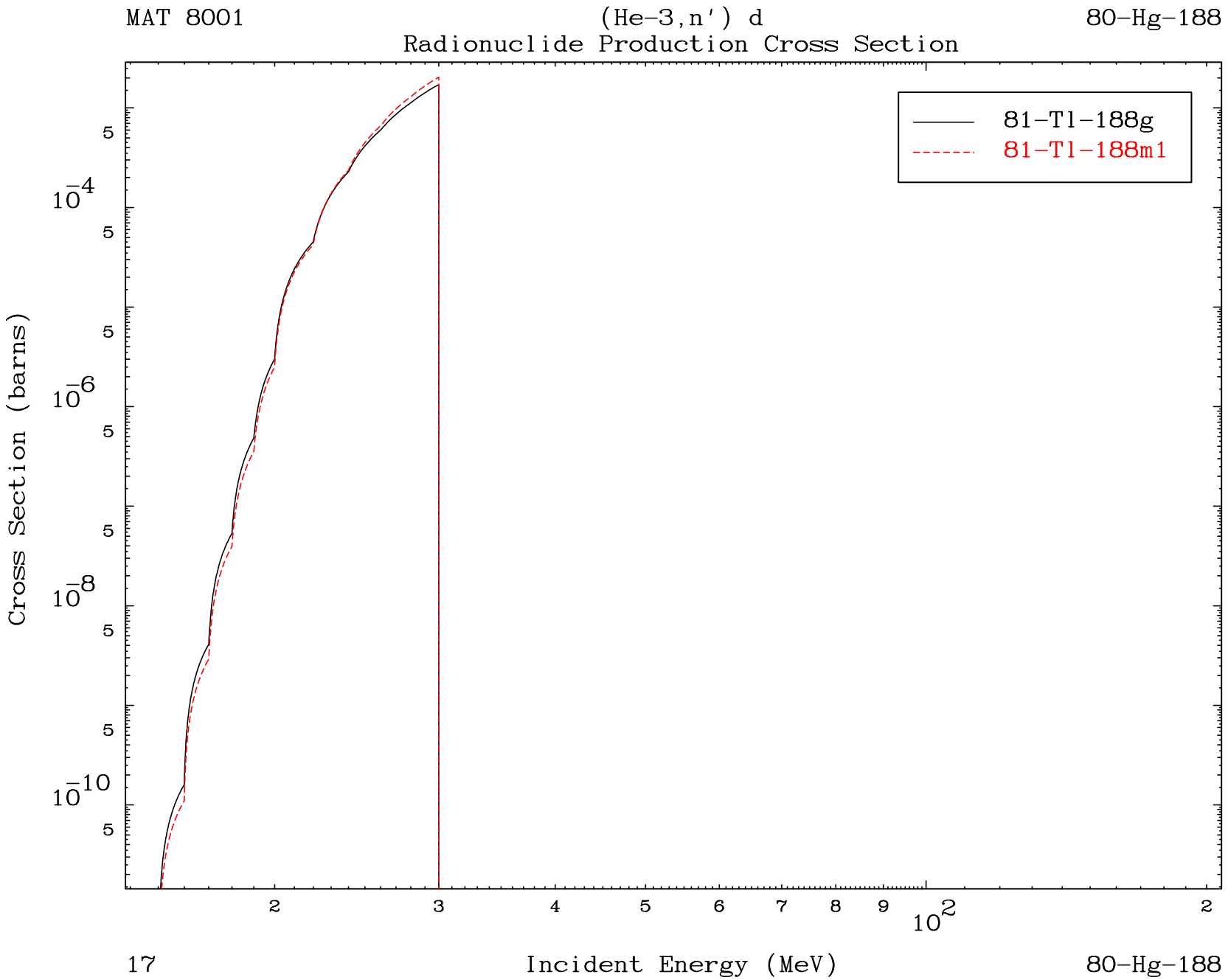

MAT 8001
(He-3,2n) d
80-Hg-188
Radionuclide Production Cross Section
81-Tl-187g
81-Tl-187m2
Cross Section (barns)
10-6
5
10-7
5
10-8
5
10-9
5
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
80-Hg-188

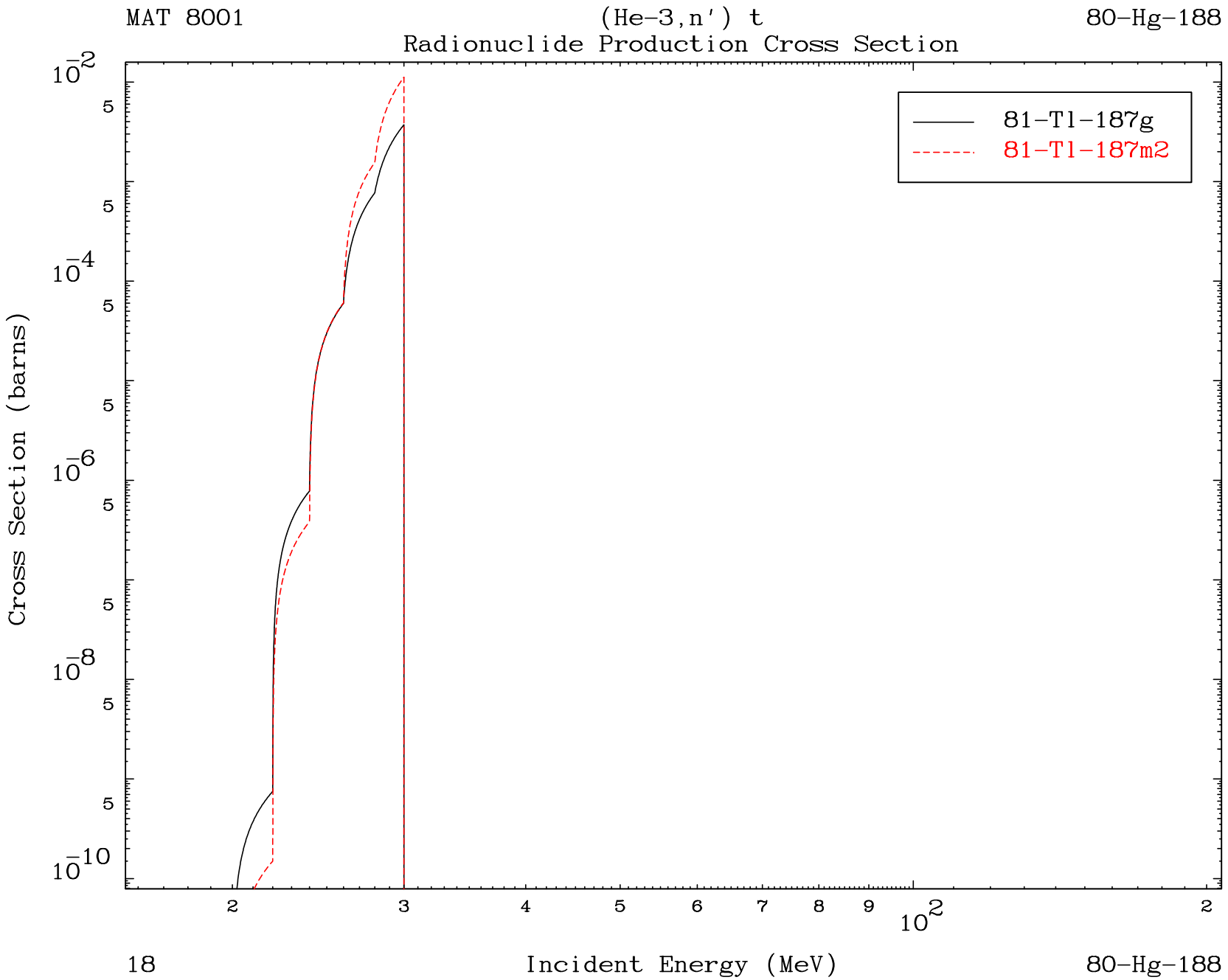

MAT 8001
(He-3,2n)
80-Hg-188
Radionuclide Production Cross Section
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
82-Pb-189g
82-Pb-189m1
13
Incident Energy (MeV)
80-Hg-188

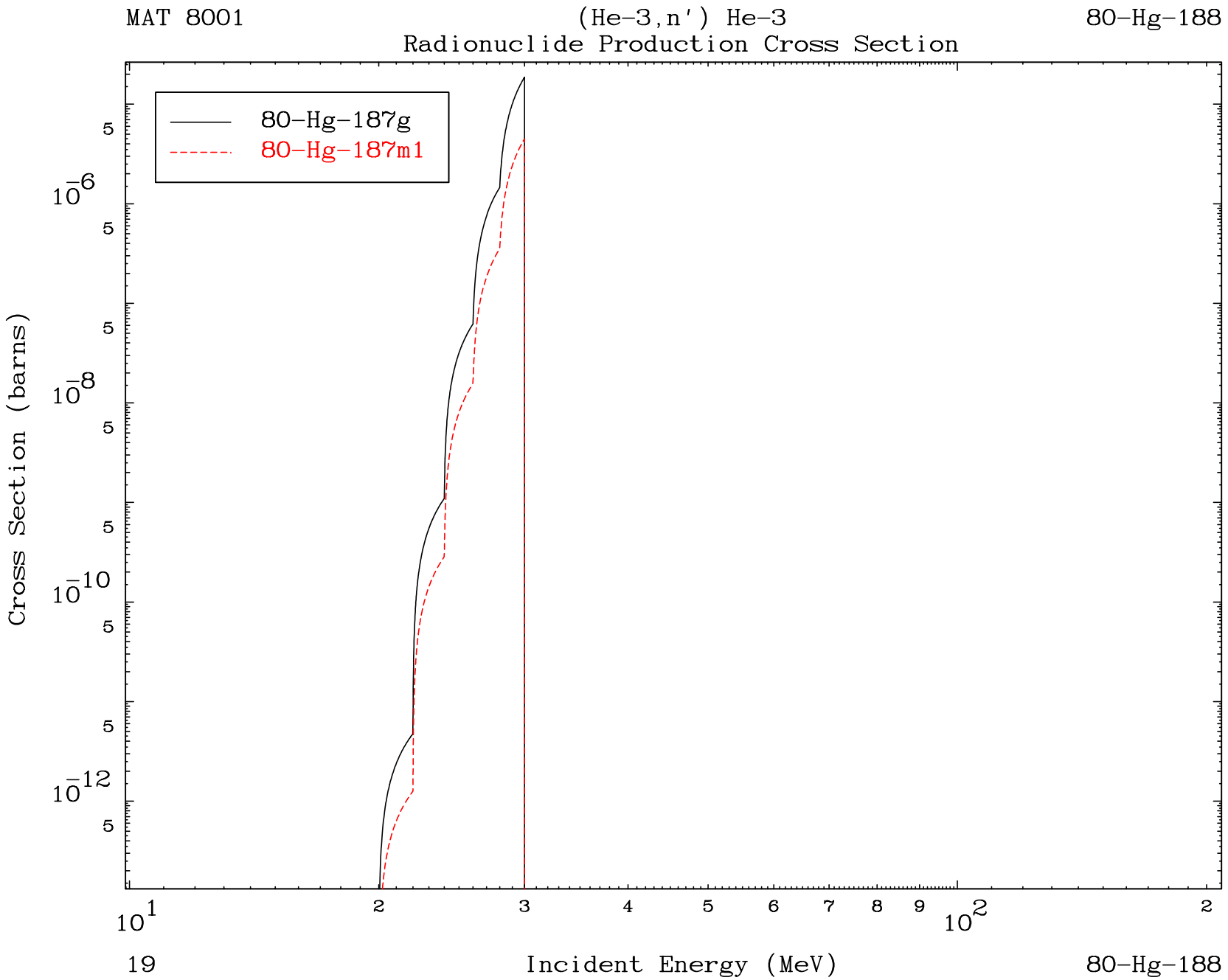

MAT 8001
He-3 Fission
80-Hg-188
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
14
80-Hg-188

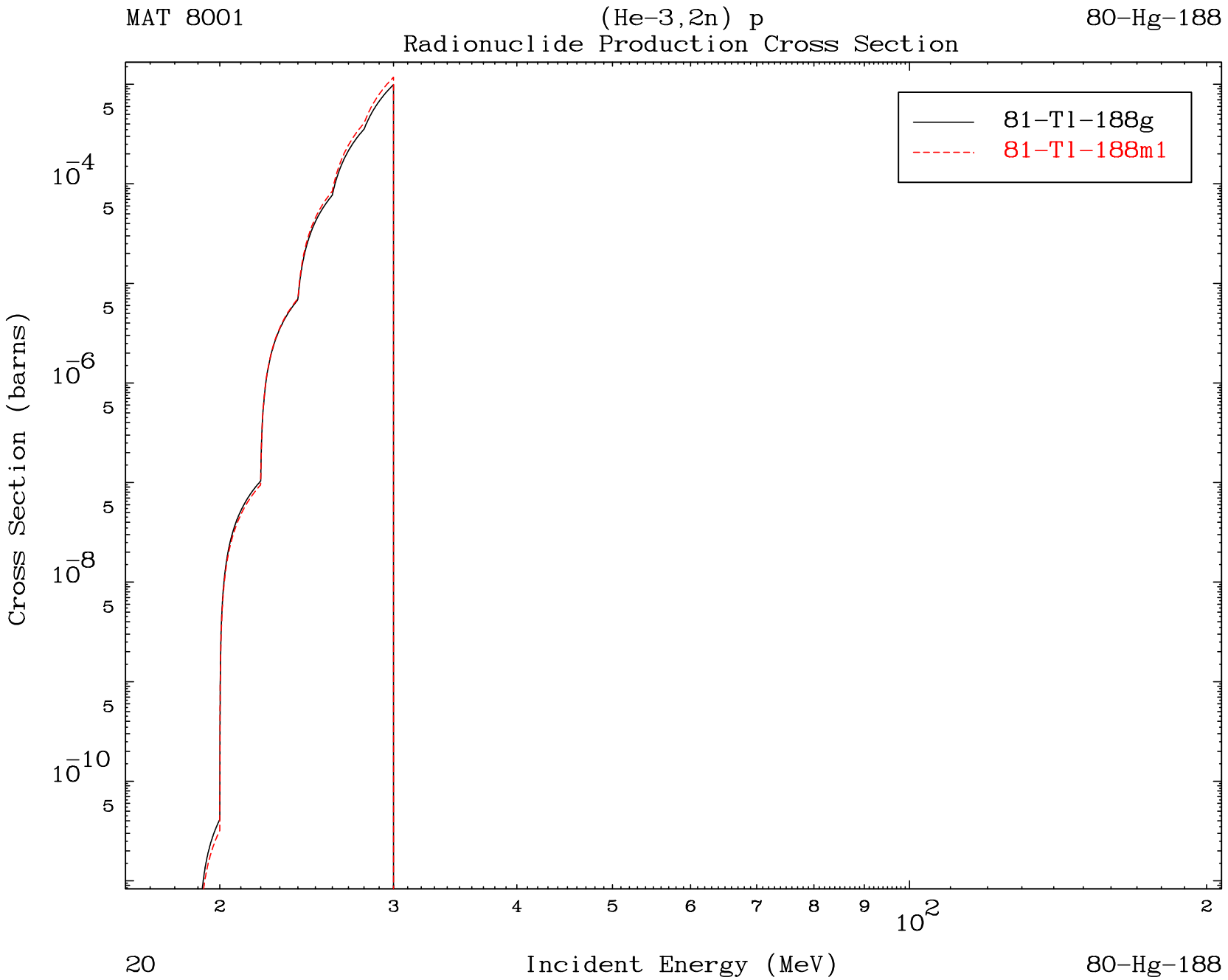

MAT 8001
(He-3,2n) α
80-Hg-188
Radionuclide Production Cross Section
80-Hg-185g
80-Hg-185m4
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
15
80-Hg-188

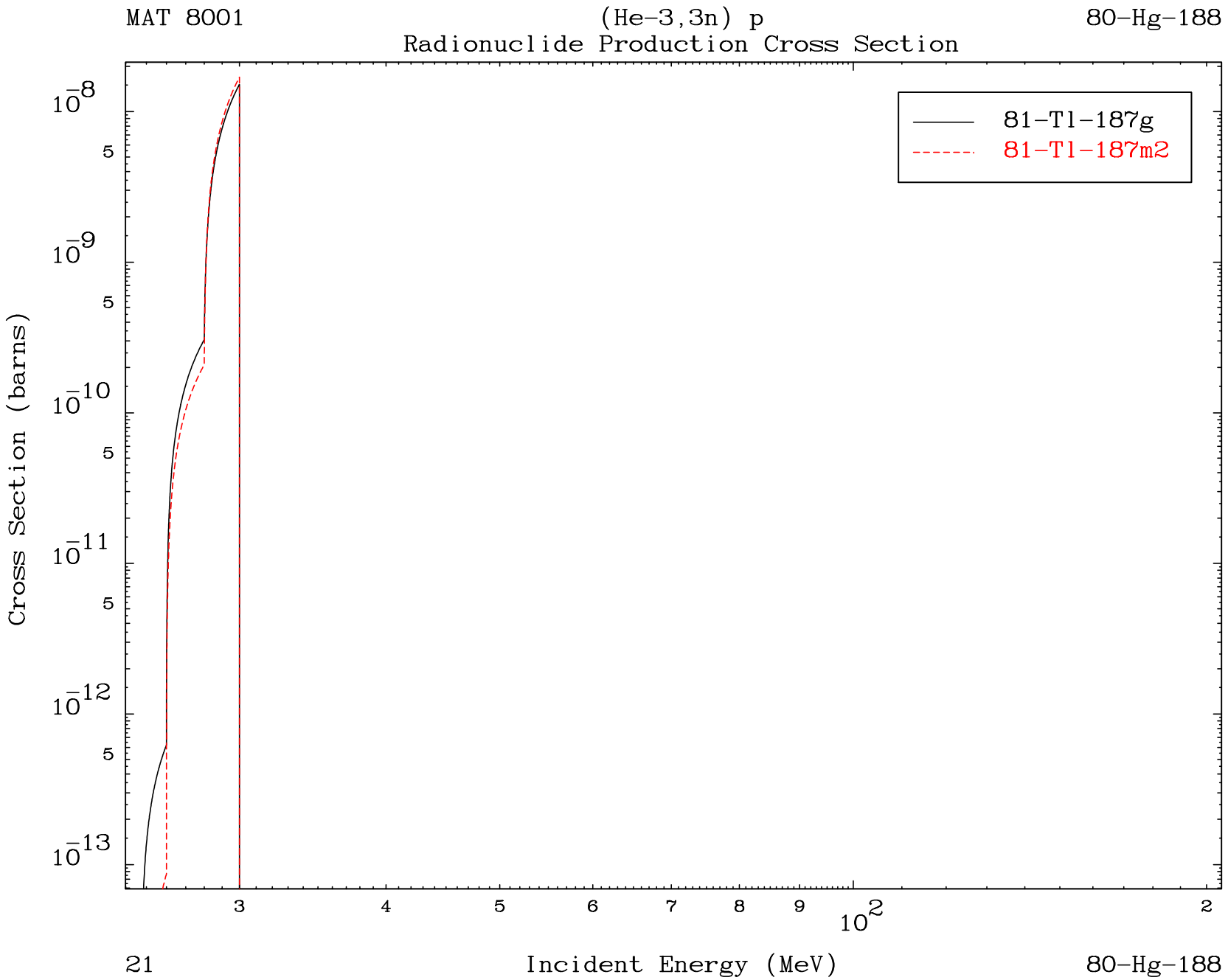

MAT 8001
(He-3,n') p
80-Hg-188
Radionuclide Production Cross Section
81-Tl-189g
81-Tl-189m1
Cross Section (barns)
Incident Energy (MeV)
16
80-Hg-188

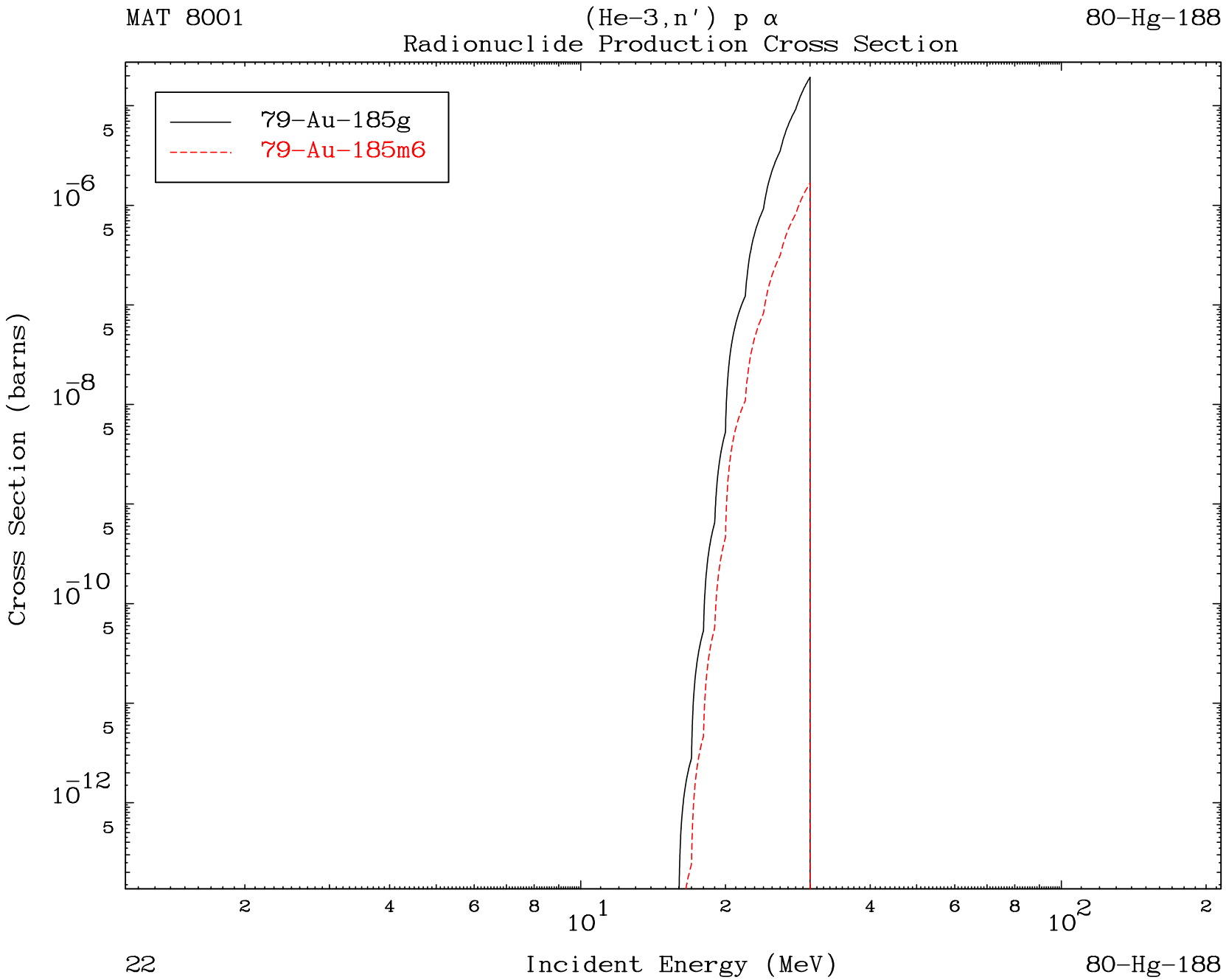

MAT 8001
(He-3,n') d
80-Hg-188
Radionuclide Production Cross Section
81-Tl-188g
81-Tl-188m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
17
Incident Energy (MeV)
80-Hg-188

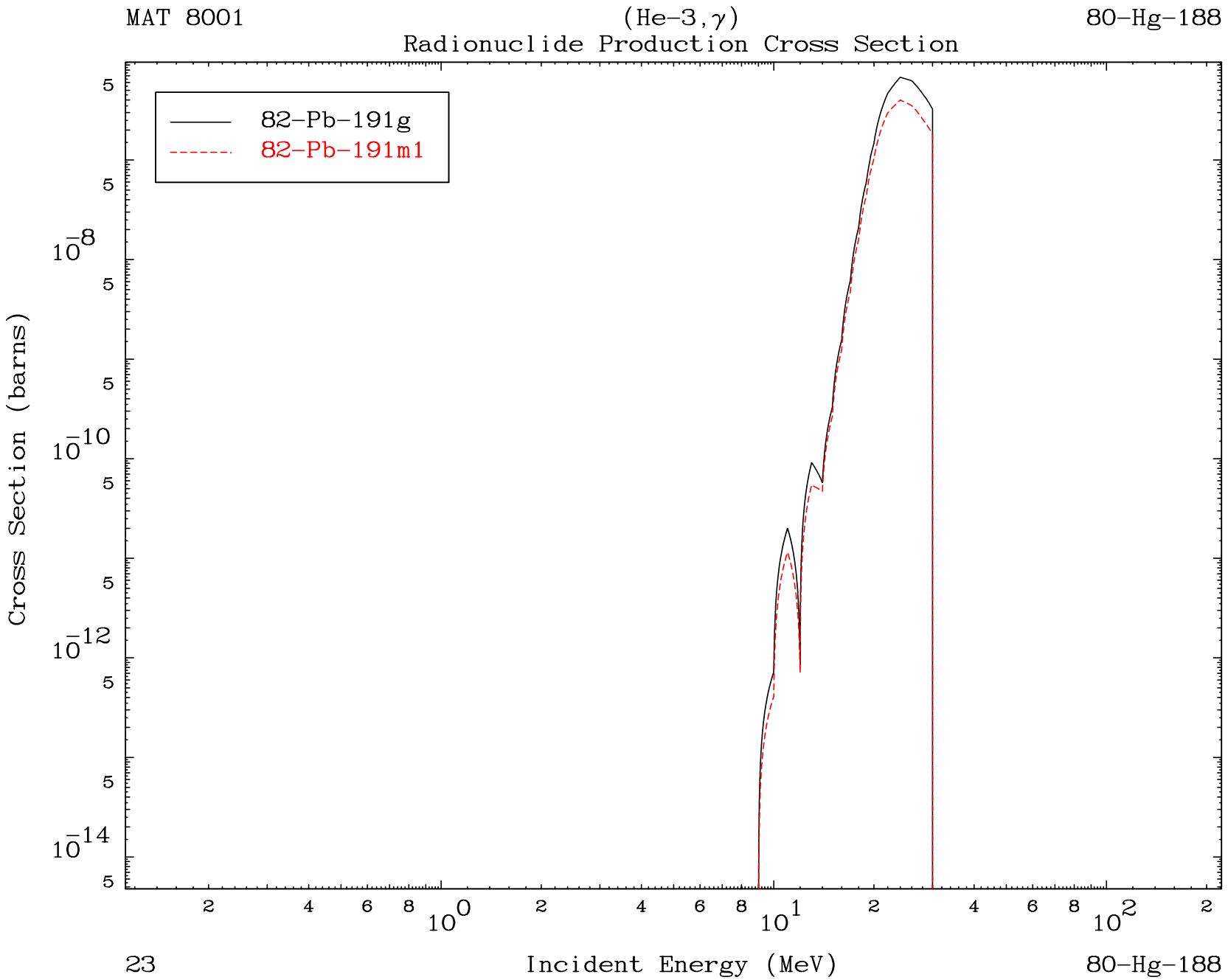

MAT 8001
(He-3,n') t
80-Hg-188
Radionuclide Production Cross Section
81-Tl-187g
81-Tl-187m2
Cross Section (barns)
Incident Energy (MeV)
18
80-Hg-188

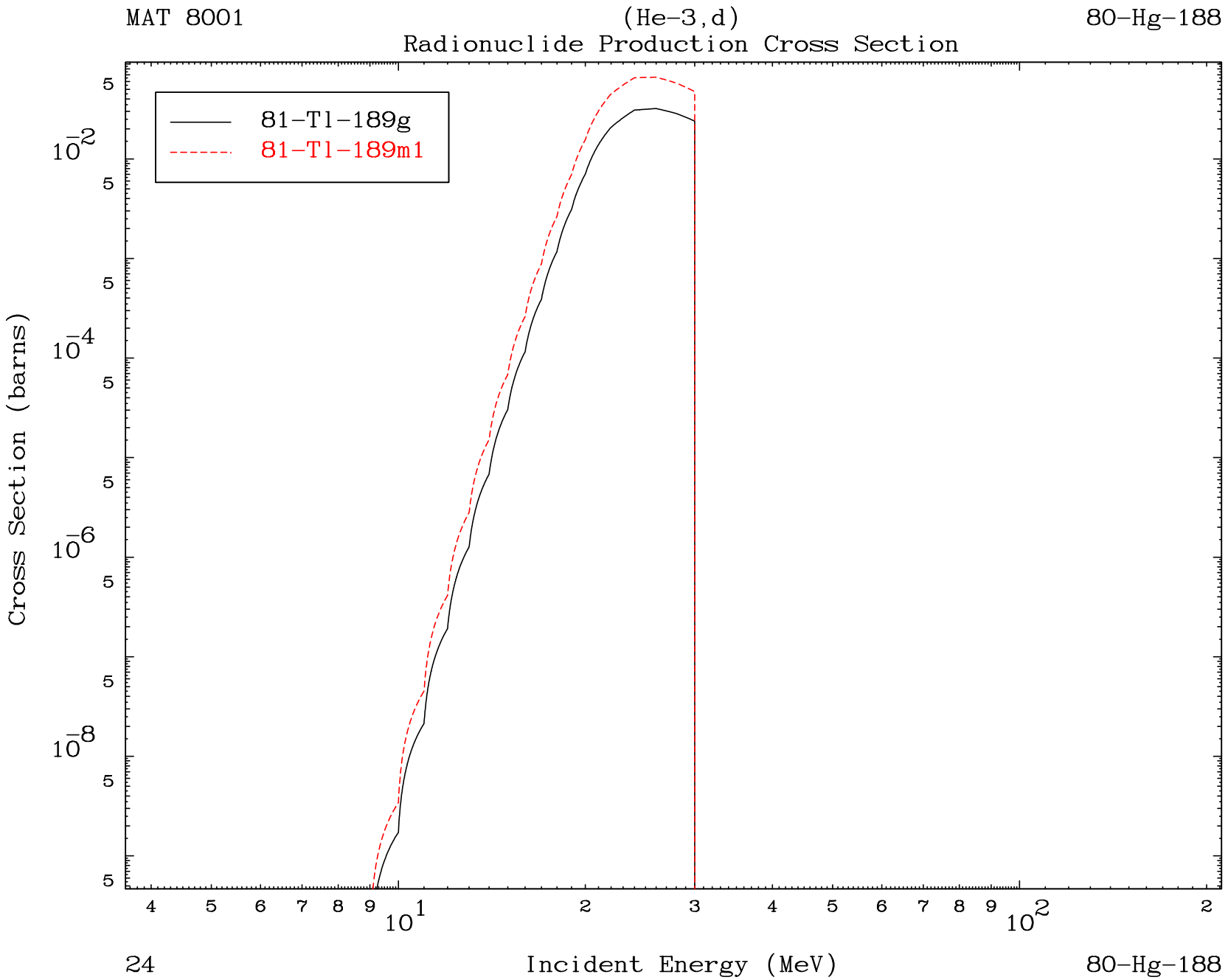

MAT 8001
(He-3,n') He-3
80-Hg-188
Radionuclide Production Cross Section
80-Hg-187g
80-Hg-187m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
101
2
3
4
5
6
7
8
9
102
2
19
Incident Energy (MeV)
80-Hg-188

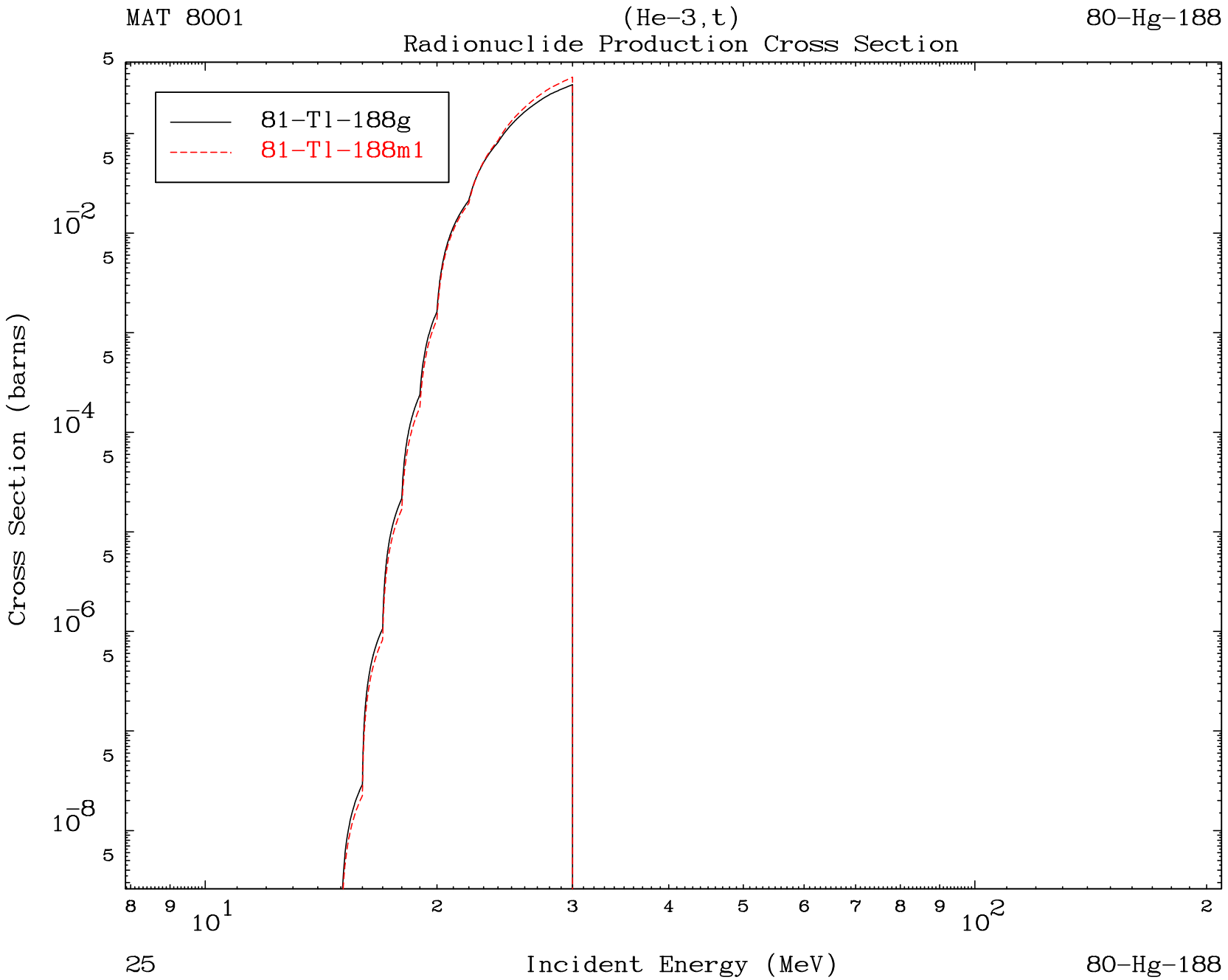

MAT 8001
(He-3,2n) p
80-Hg-188
Radionuclide Production Cross Section
81-Tl-188g
81-Tl-188m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
20
80-Hg-188

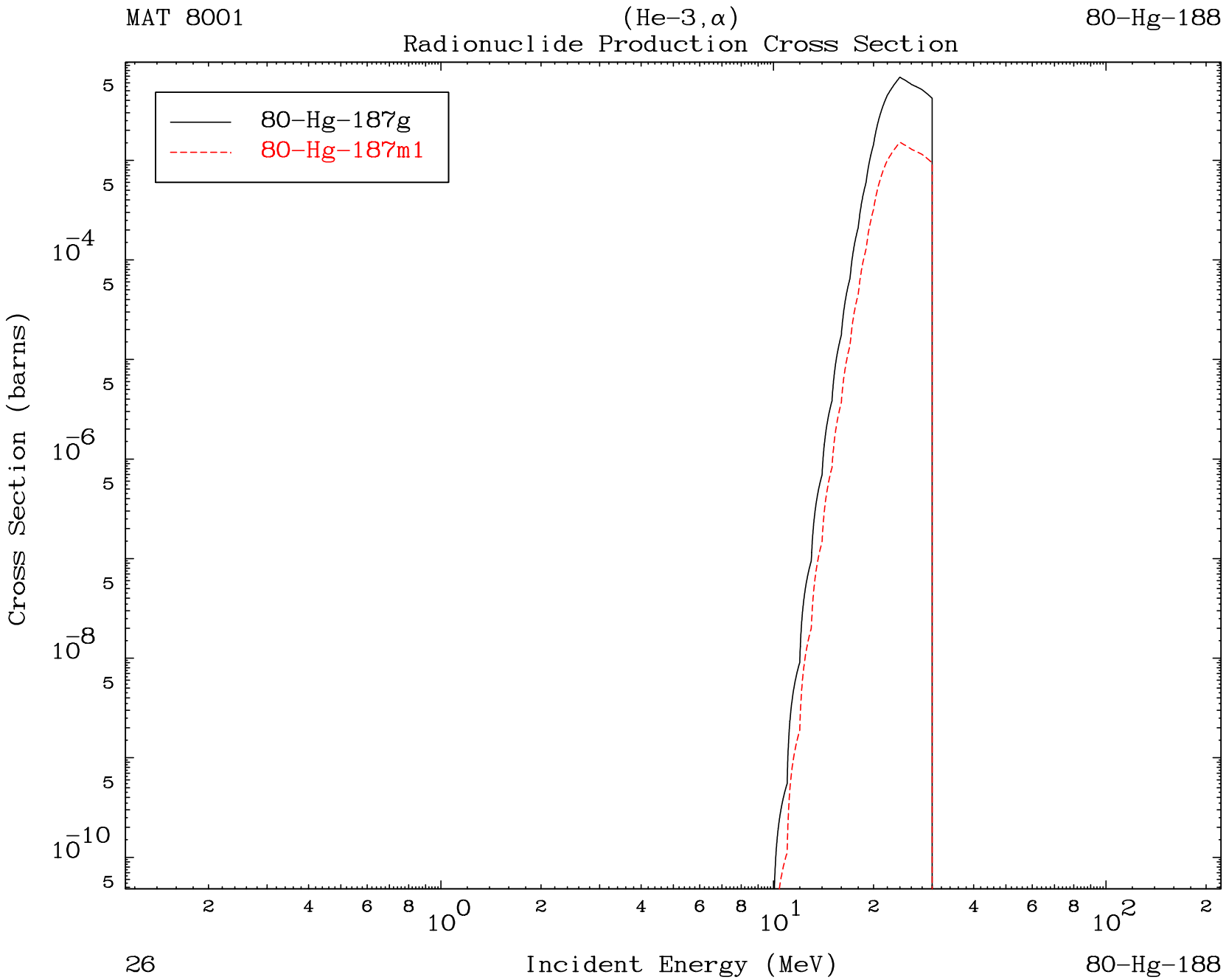

MAT 8001
(He-3,3n) p
80-Hg-188
Radionuclide Production Cross Section
81-Tl-187g
81-Tl-187m2
Cross Section (barns)
10-8
10-9
10-10
10-11
10-12
10-13
5
3
4
5
6
7
8
9
10 2
2
21
Incident Energy (MeV)
80-Hg-188

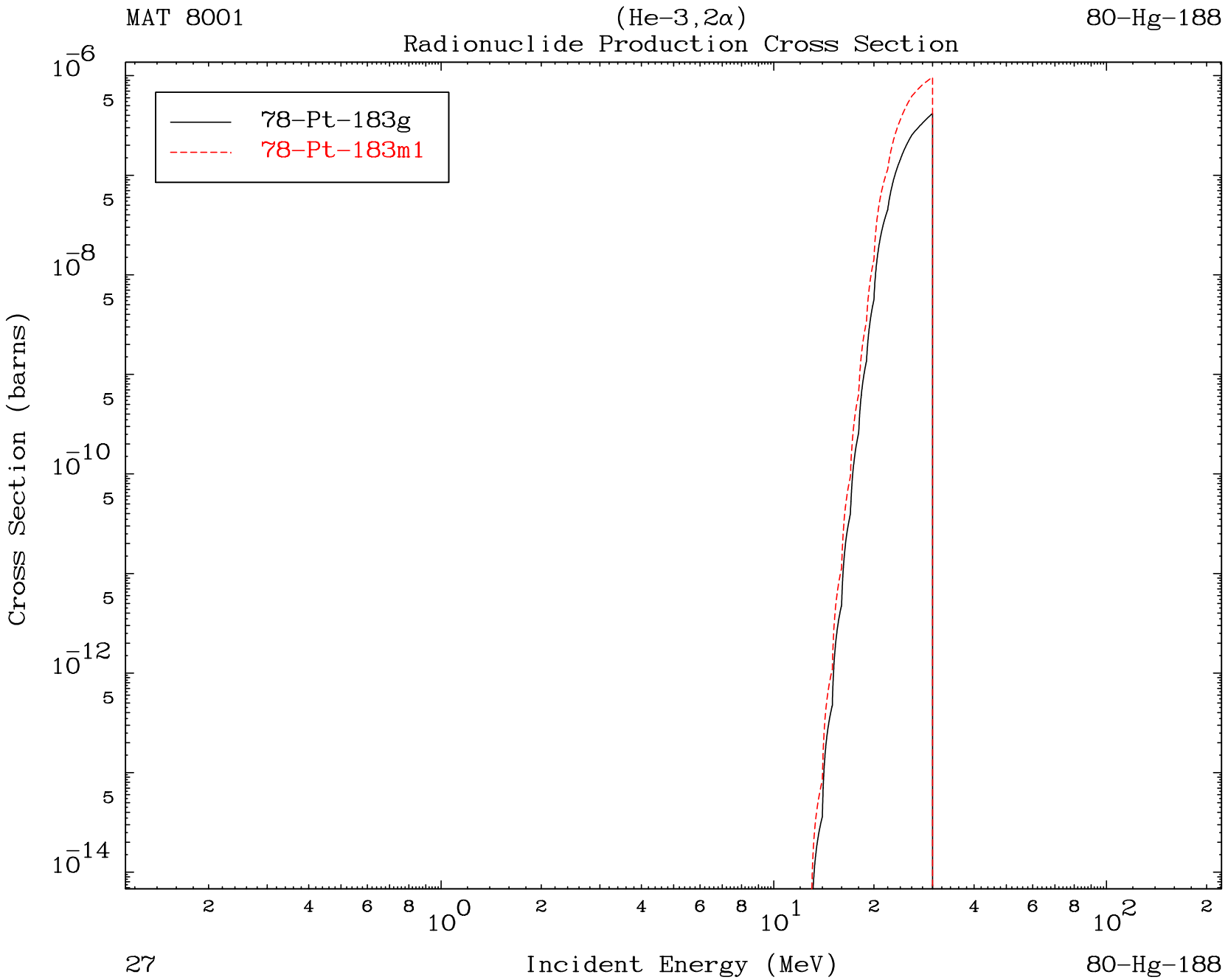

MAT 8001
(He-3,n') p α
80-Hg-188
Radionuclide Production Cross Section
79-Au-185g
79-Au-185m6
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
4
6
8
10^1
10^2
22
Incident Energy (MeV)
80-Hg-188

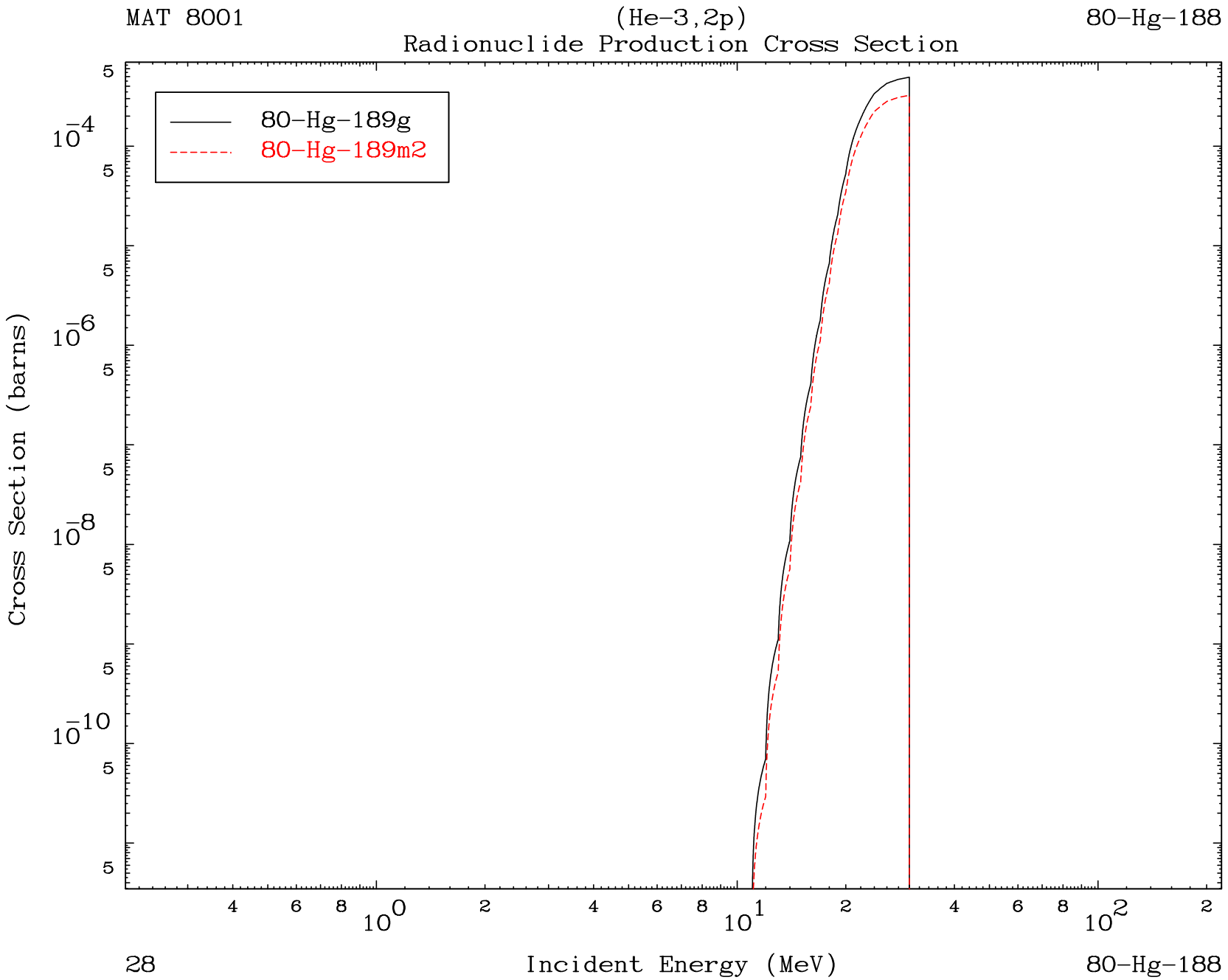

MAT 8001
(He-3,γ)
80-Hg-188
Radionuclide Production Cross Section
82-Pb-191g
82-Pb-191m1
Cross Section (barns)
Incident Energy (MeV)
23
80-Hg-188

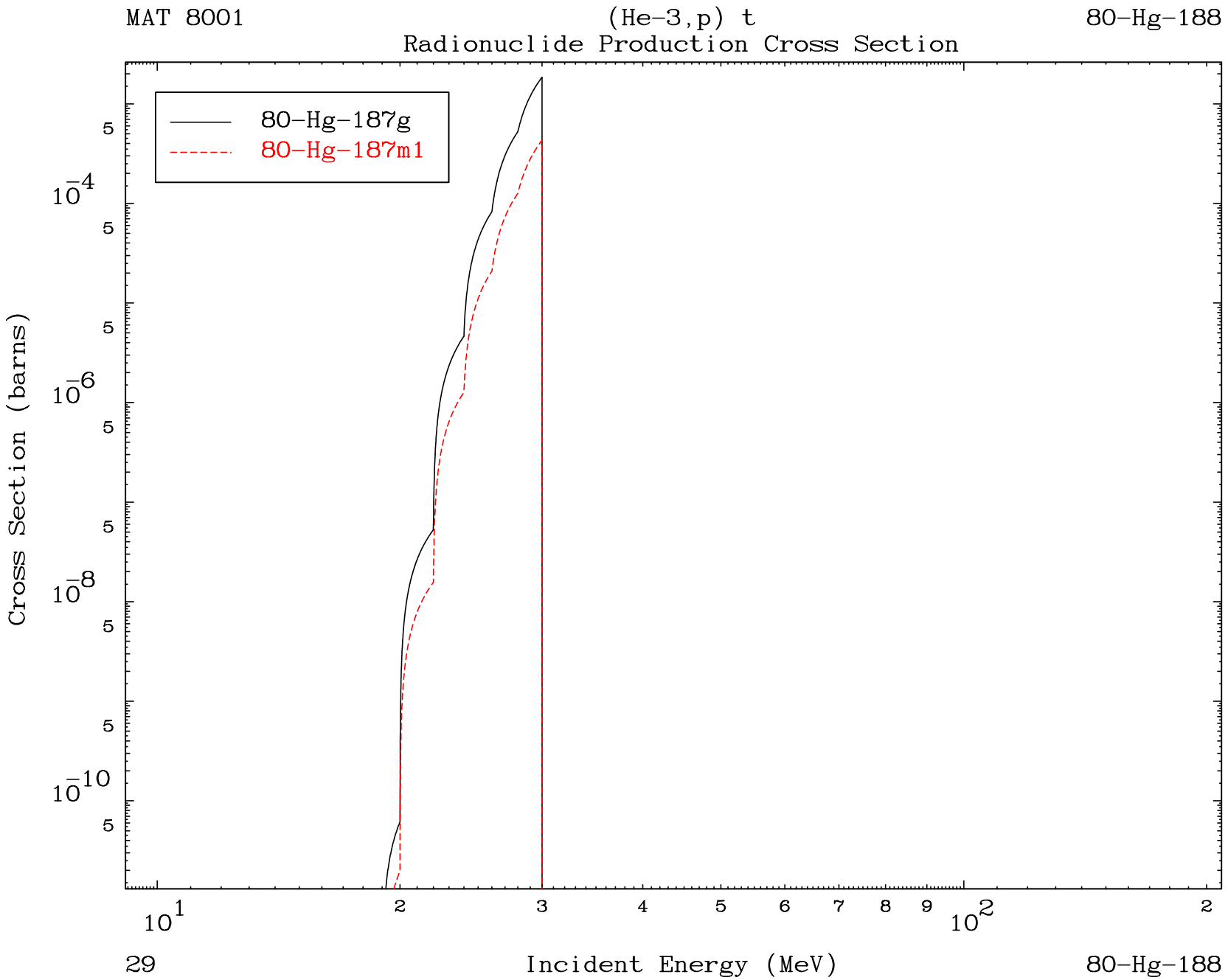

MAT 8001
(He-3,d)
80-Hg-188
Radionuclide Production Cross Section
81-Tl-189g
81-Tl-189m1
Cross Section (barns)
Incident Energy (MeV)
24
80-Hg-188

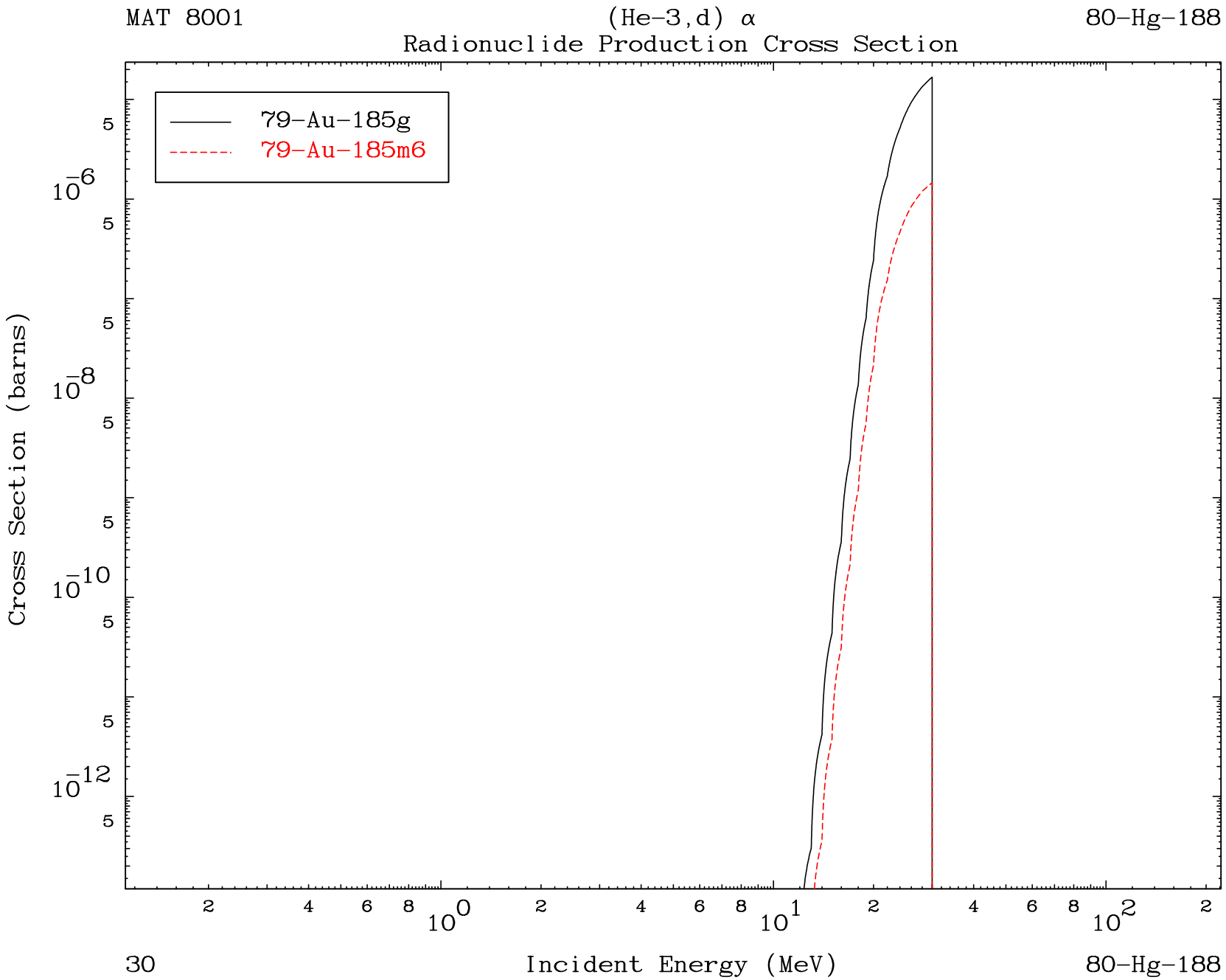

MAT 8001
(He-3,t)
80-Hg-188
Radionuclide Production Cross Section
81-Tl-188g
81-Tl-188m1
Cross Section (barns)
Incident Energy (MeV)
25
80-Hg-188


MAT 8001
(He-3,α)
80-Hg-188
Radionuclide Production Cross Section
80-Hg-187g
80-Hg-187m1
Cross Section (barns)
Incident Energy (MeV)
26
80-Hg-188


MAT 8001
(He-3,2α)
80-Hg-188
Radionuclide Production Cross Section
78-Pt-183g
78-Pt-183m1
Cross Section (barns)
Incident Energy (MeV)
27
80-Hg-188


MAT 8001
(He-3,2p)
80-Hg-188
Radionuclide Production Cross Section
80-Hg-189g
80-Hg-189m2
Cross Section (barns)
Incident Energy (MeV)
28
80-Hg-188


MAT 8001
(He-3,p) t
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
29
Incident Energy (MeV)
80-Hg-188


MAT 8001
(He-3,d) α
80-Hg-188
Radionuclide Production Cross Section
79-Au-185g
79-Au-185m6
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
30
80-Hg-188