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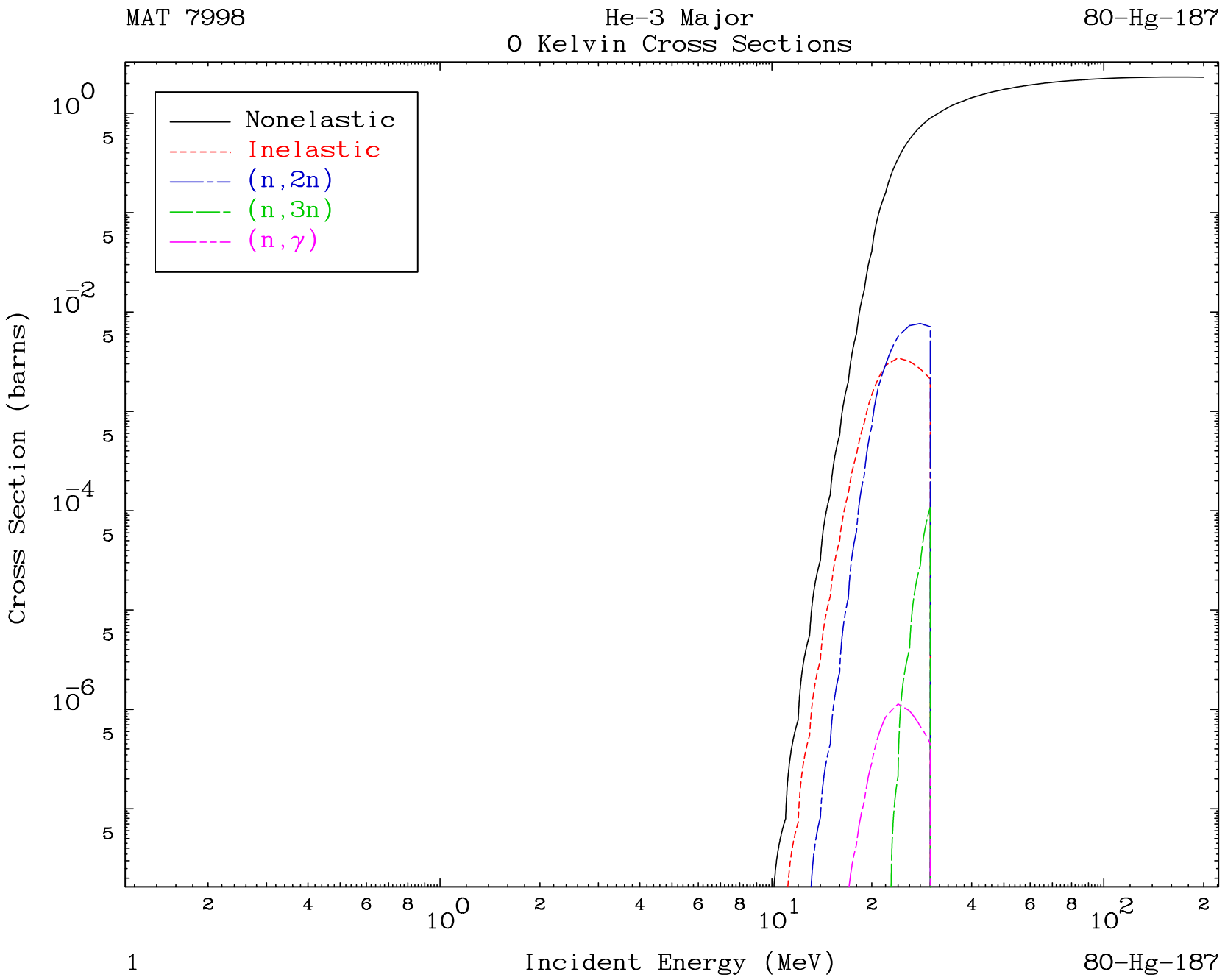
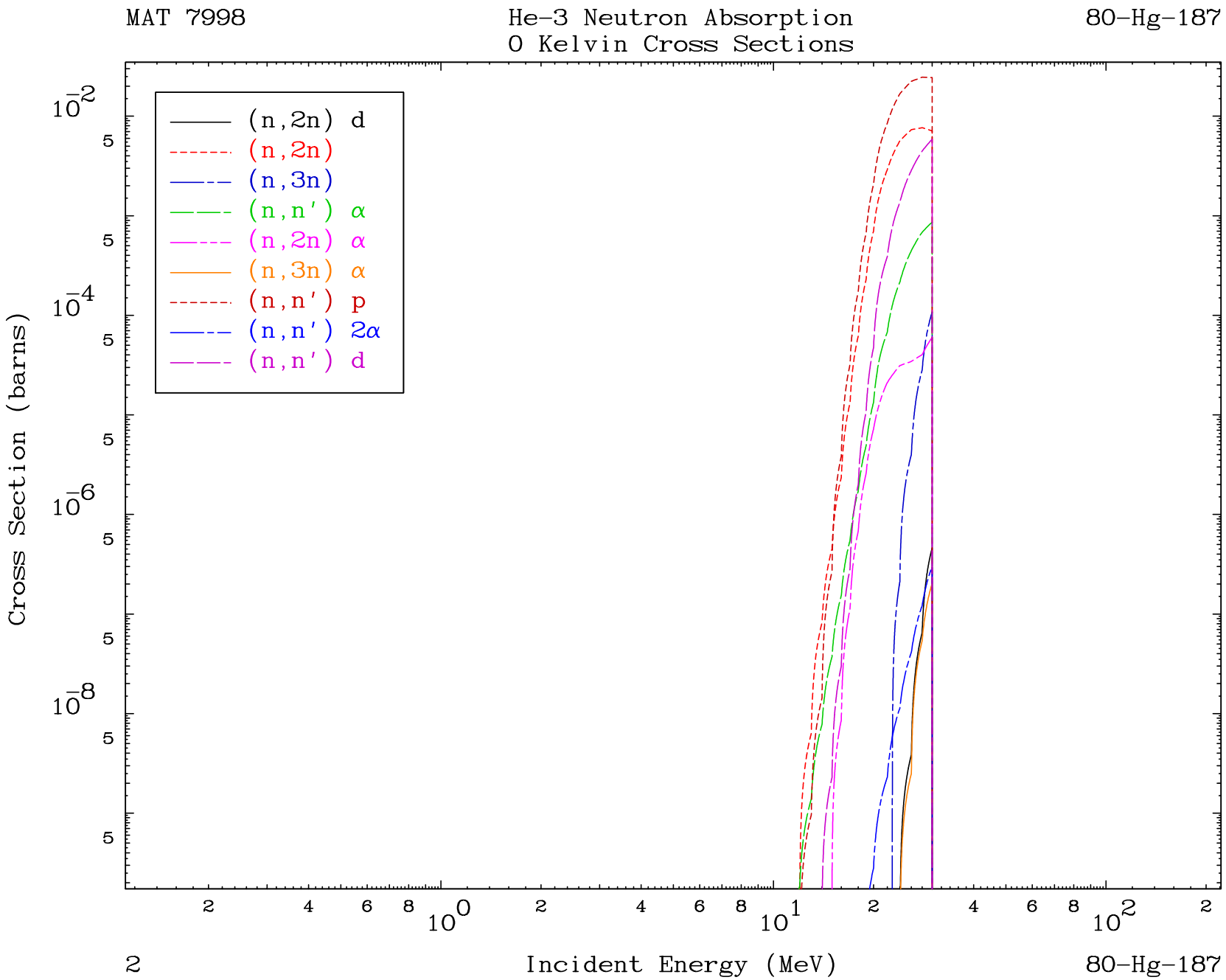
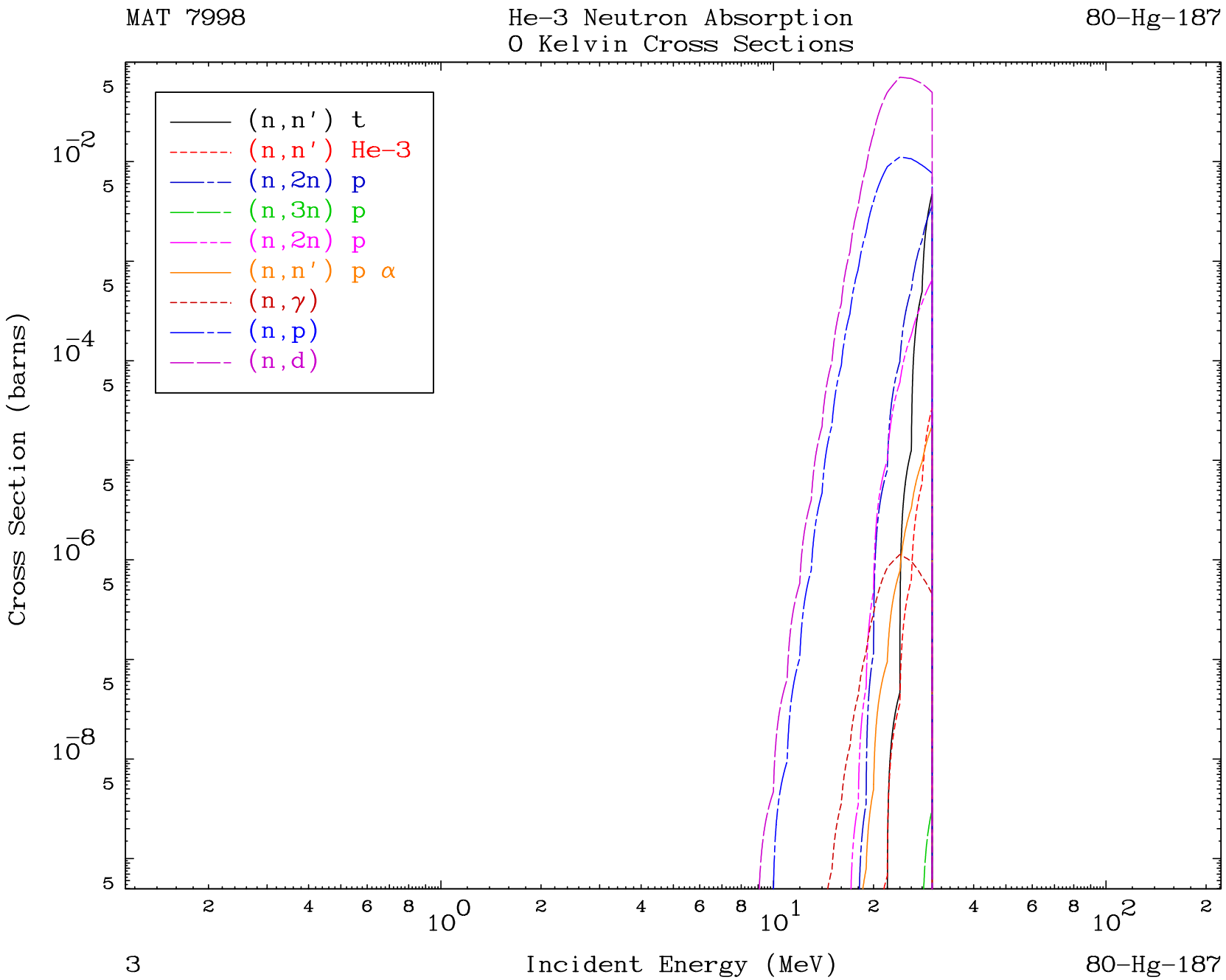
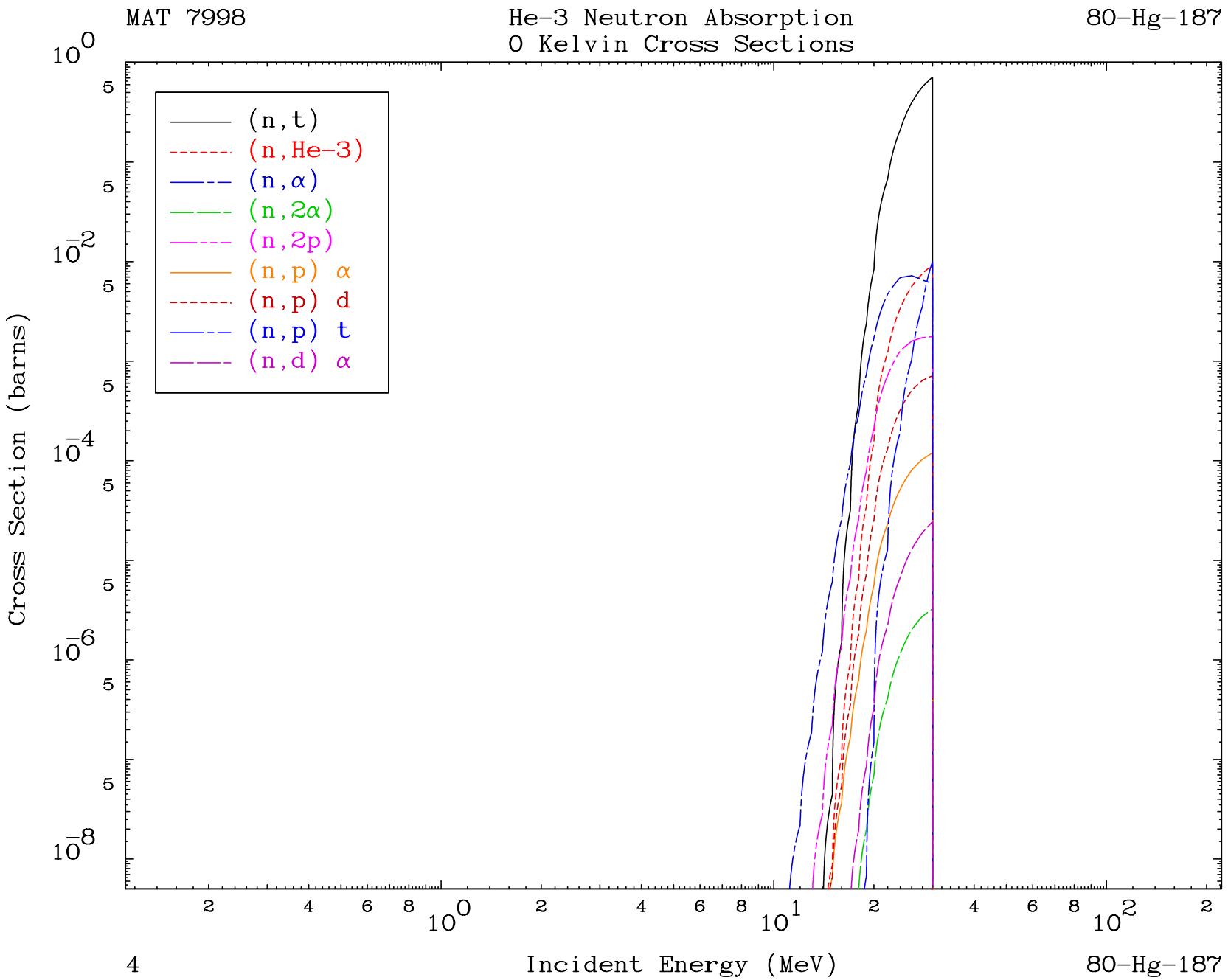
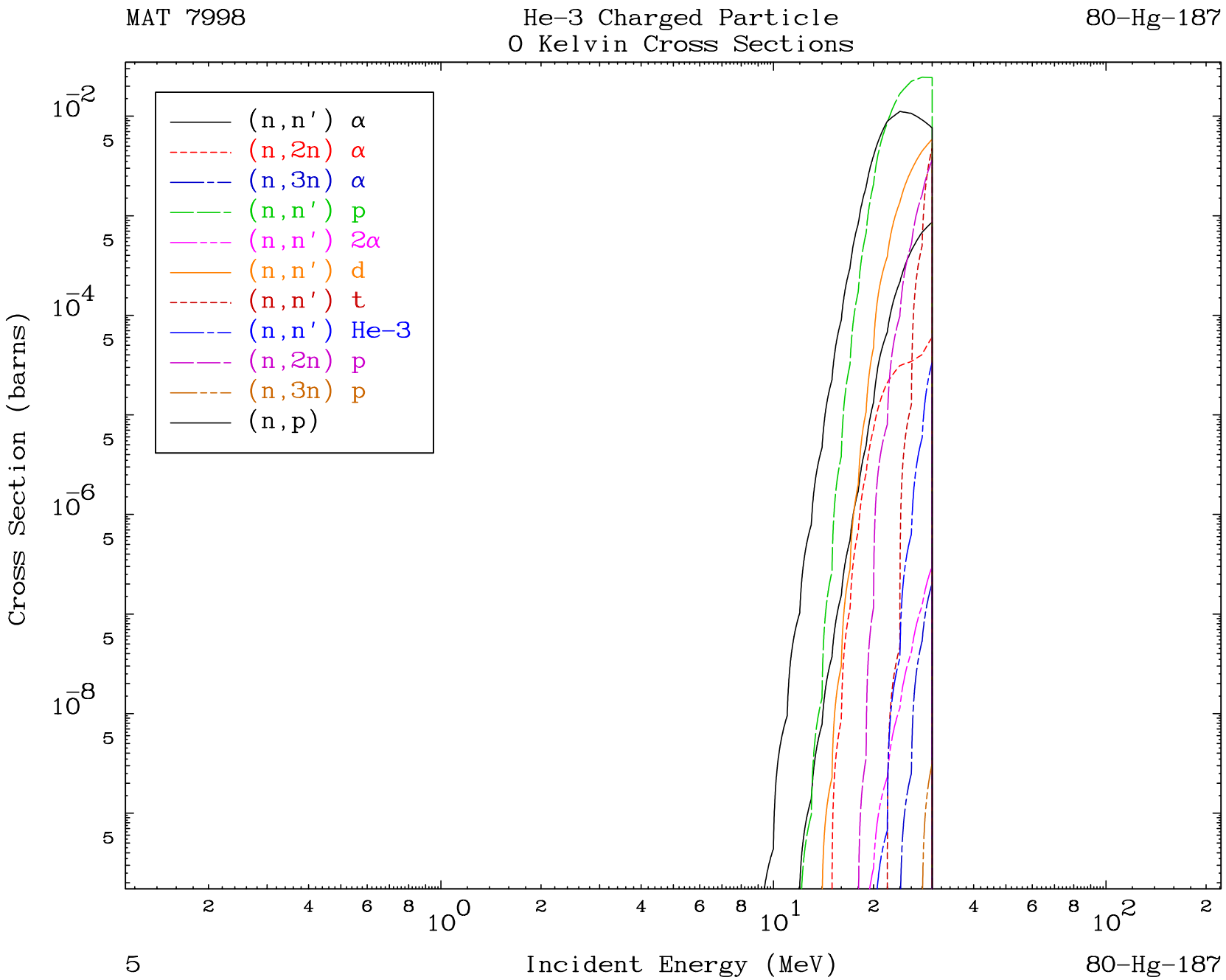
Press Mouse Button to Start

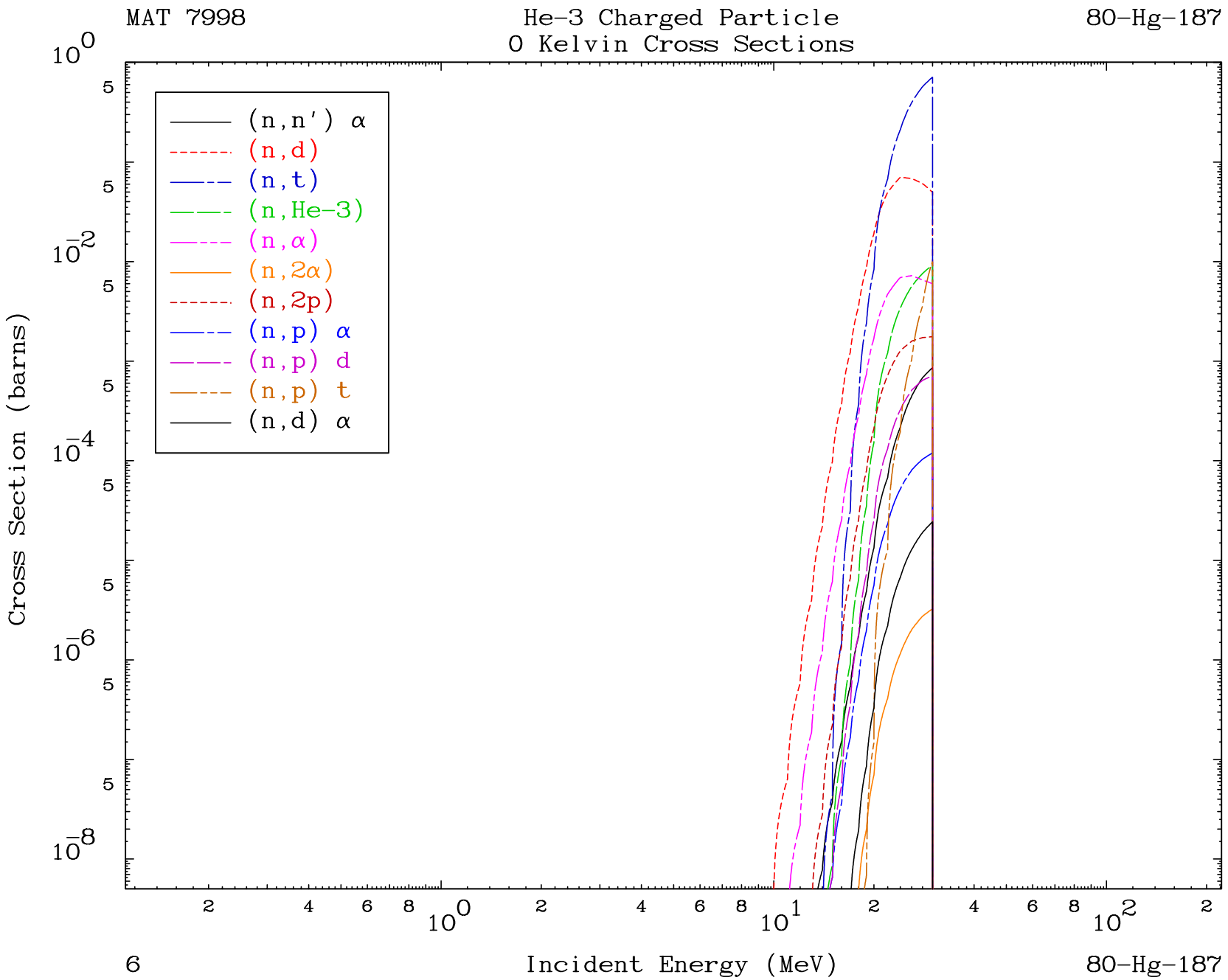

MAT 7998
He-3 Major
80-Hg-187
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-187

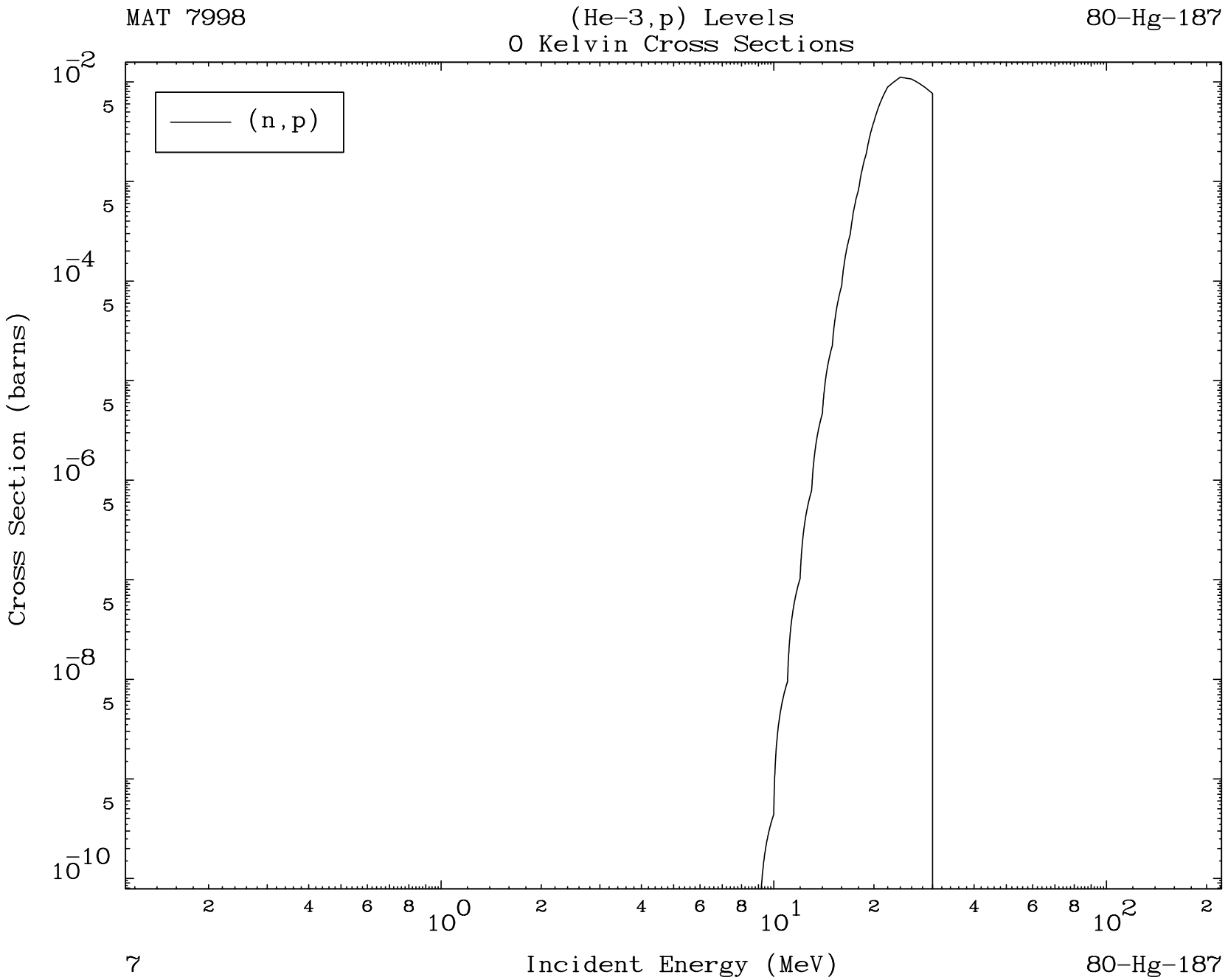

MAT 7998
He-3 Neutron Absorption
0 Kelvin Cross Sections
80-Hg-187
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
2
80-Hg-187

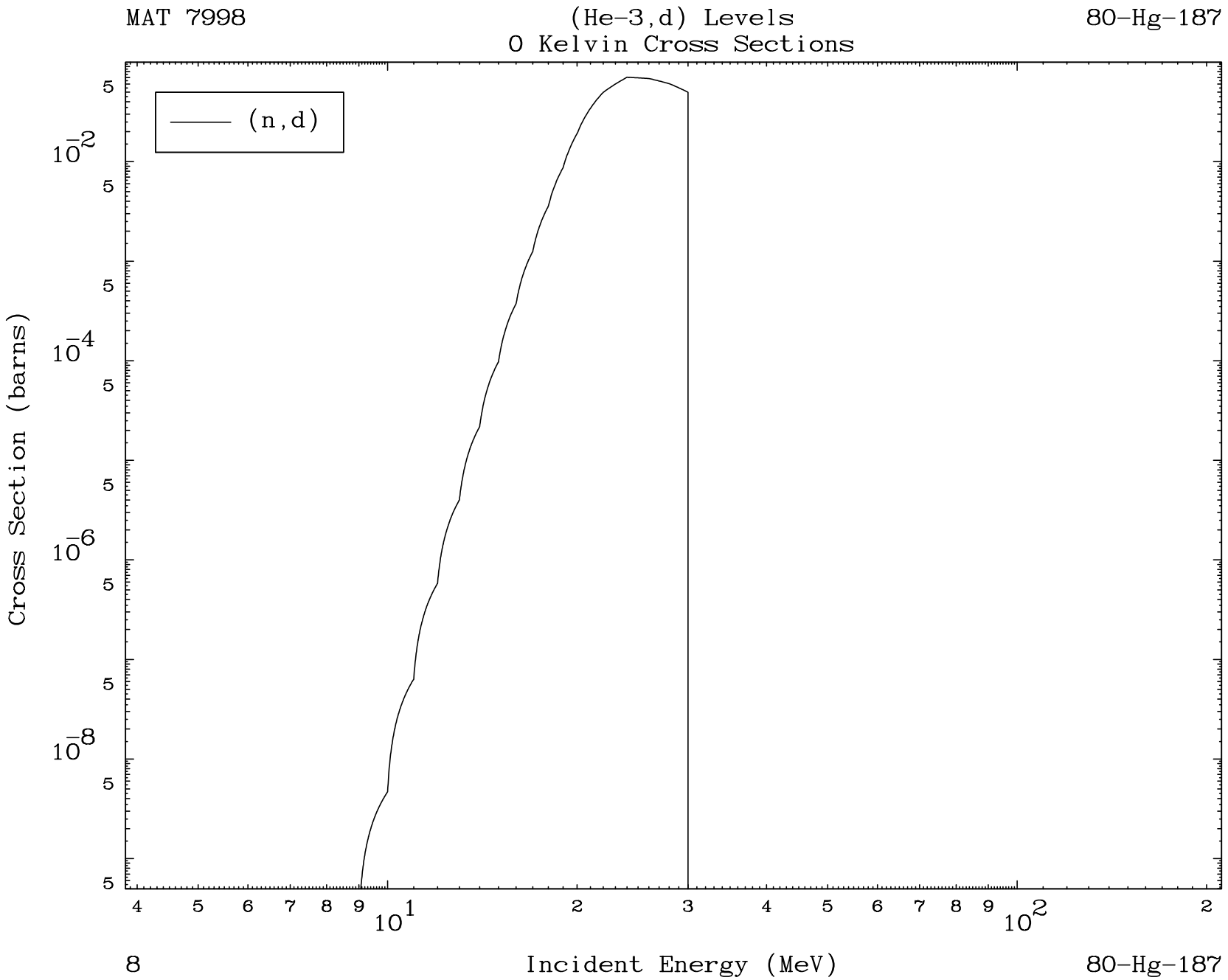

MAT 7998
He-3 Neutron Absorption
0 Kelvin Cross Sections
80-Hg-187
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
80-Hg-187

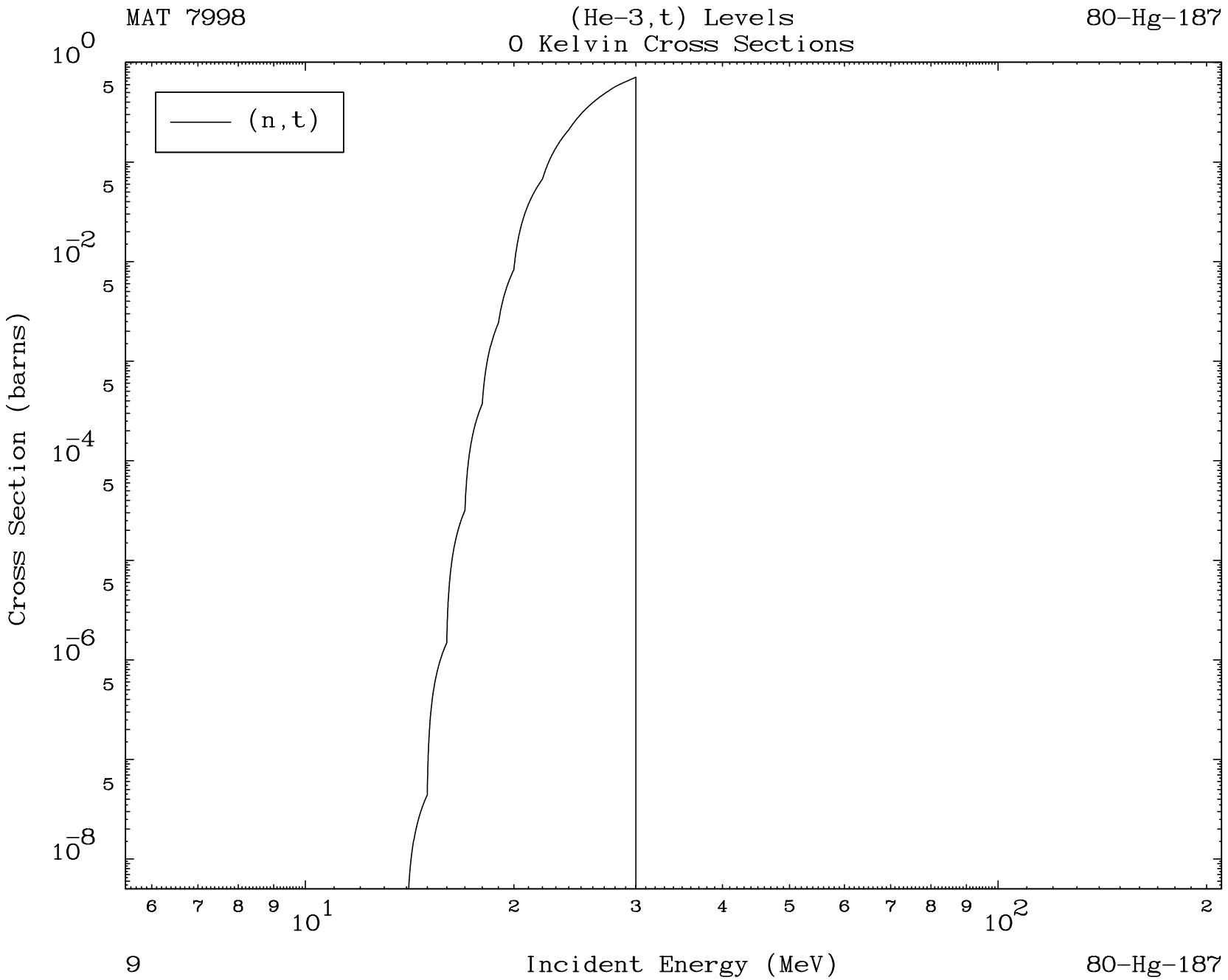

MAT 7998
He-3 Neutron Absorption
0 Kelvin Cross Sections
80-Hg-187
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
80-Hg-187
4

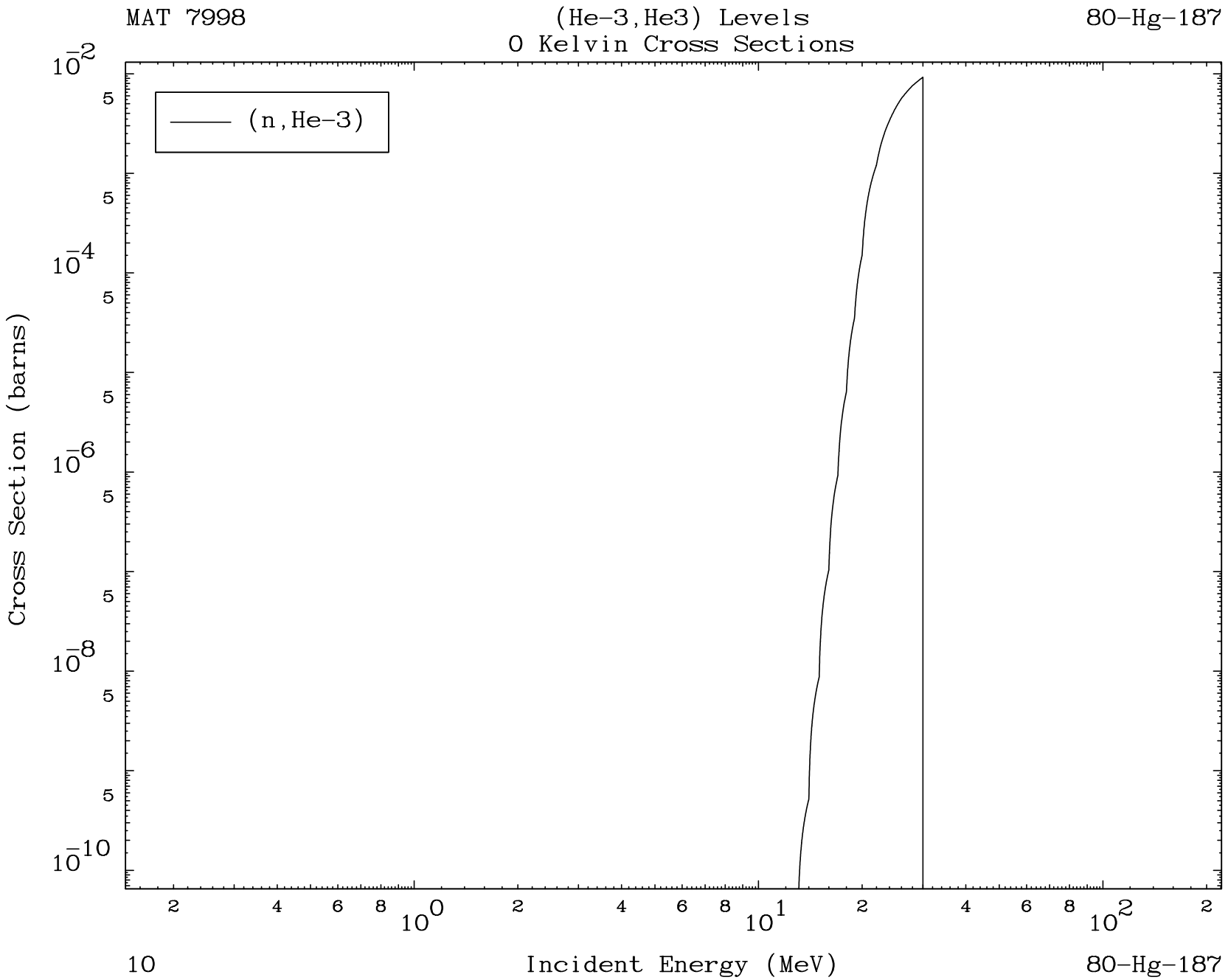

MAT 7998
He-3 Charged Particle
0 Kelvin Cross Sections
80-Hg-187
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-187

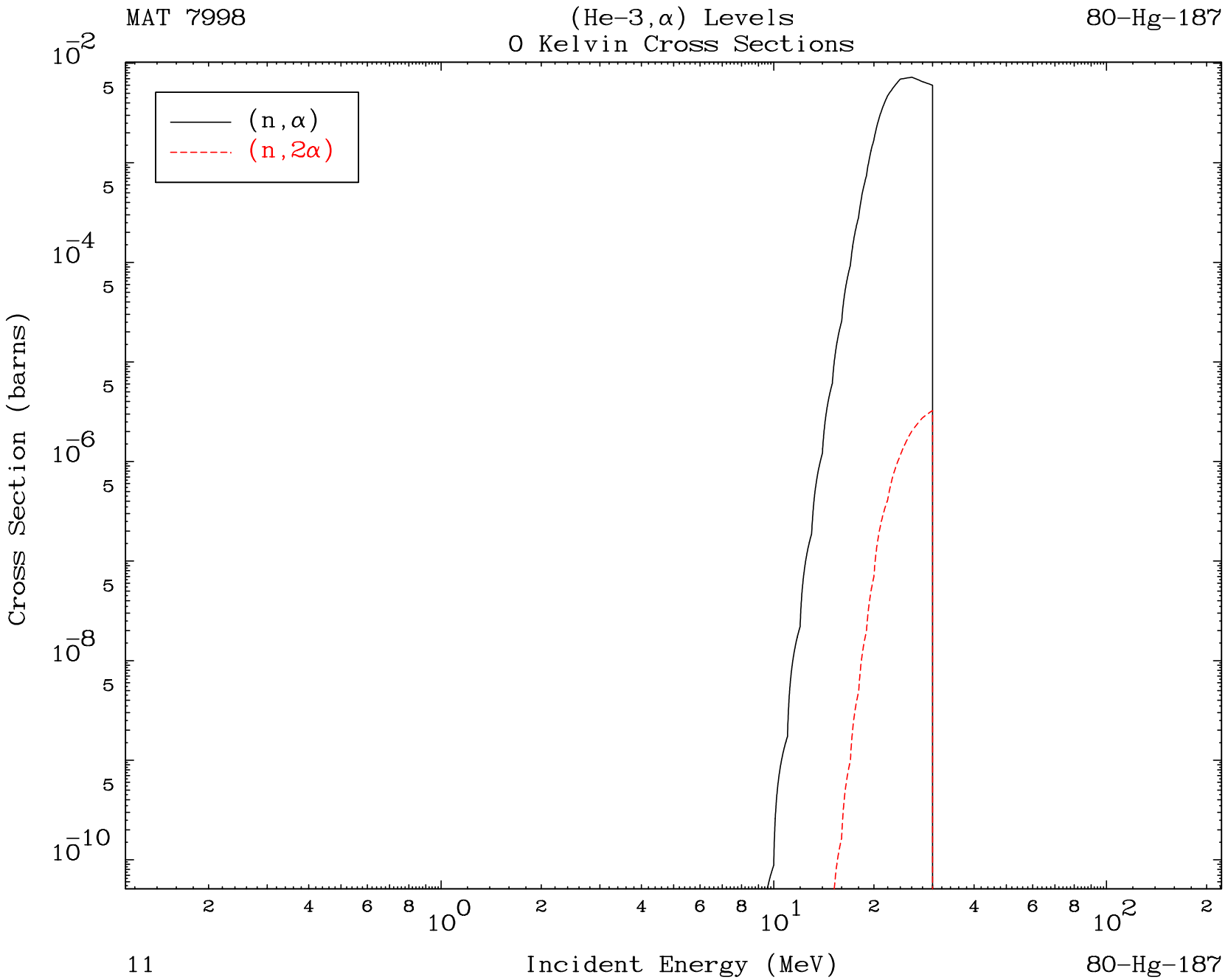

MAT 7998
He-3 Charged Particle
0 Kelvin Cross Sections
80-Hg-187
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
80-Hg-187

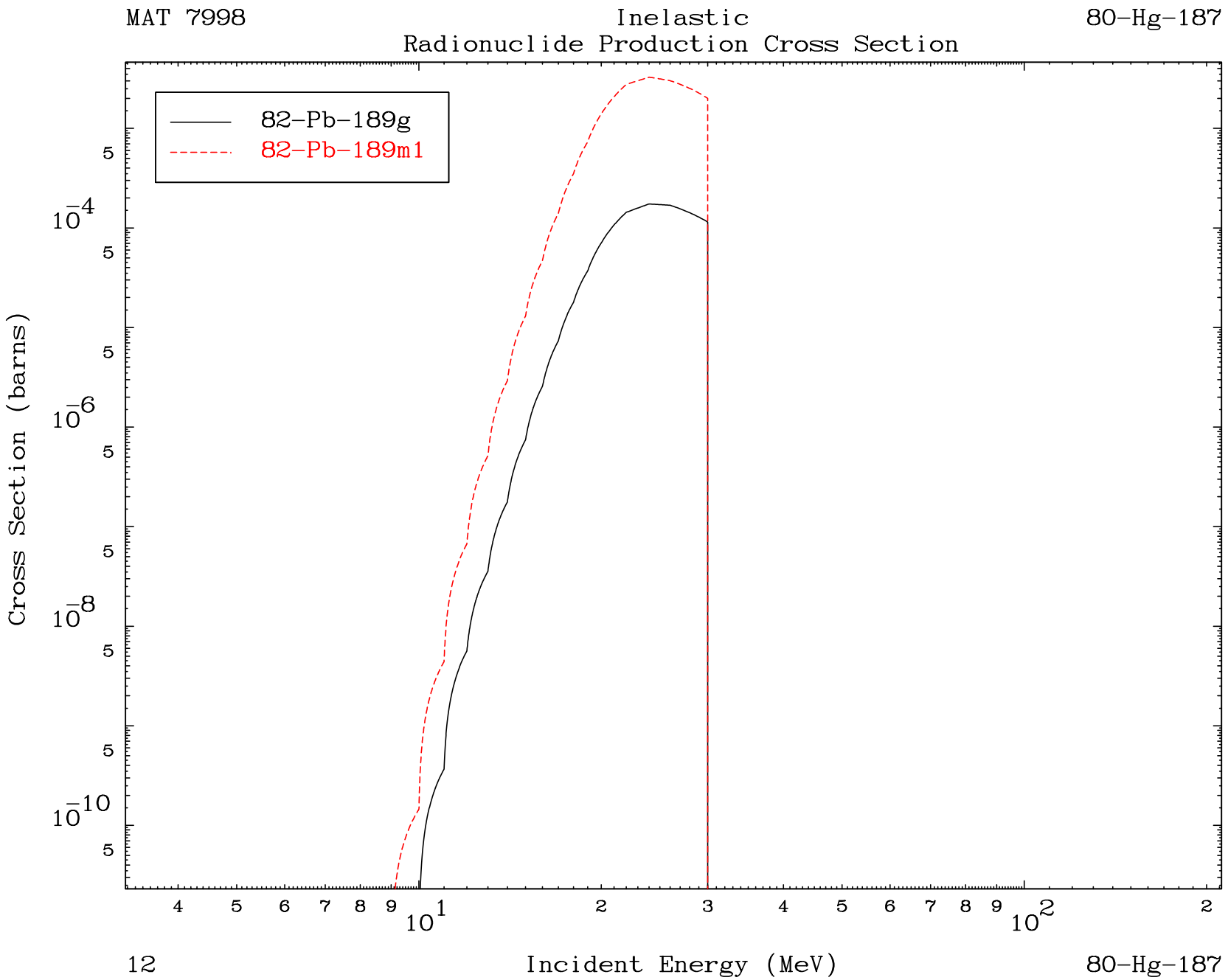

MAT 7998
(He-3,p) Levels
0 Kelvin Cross Sections
80-Hg-187
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
80-Hg-187

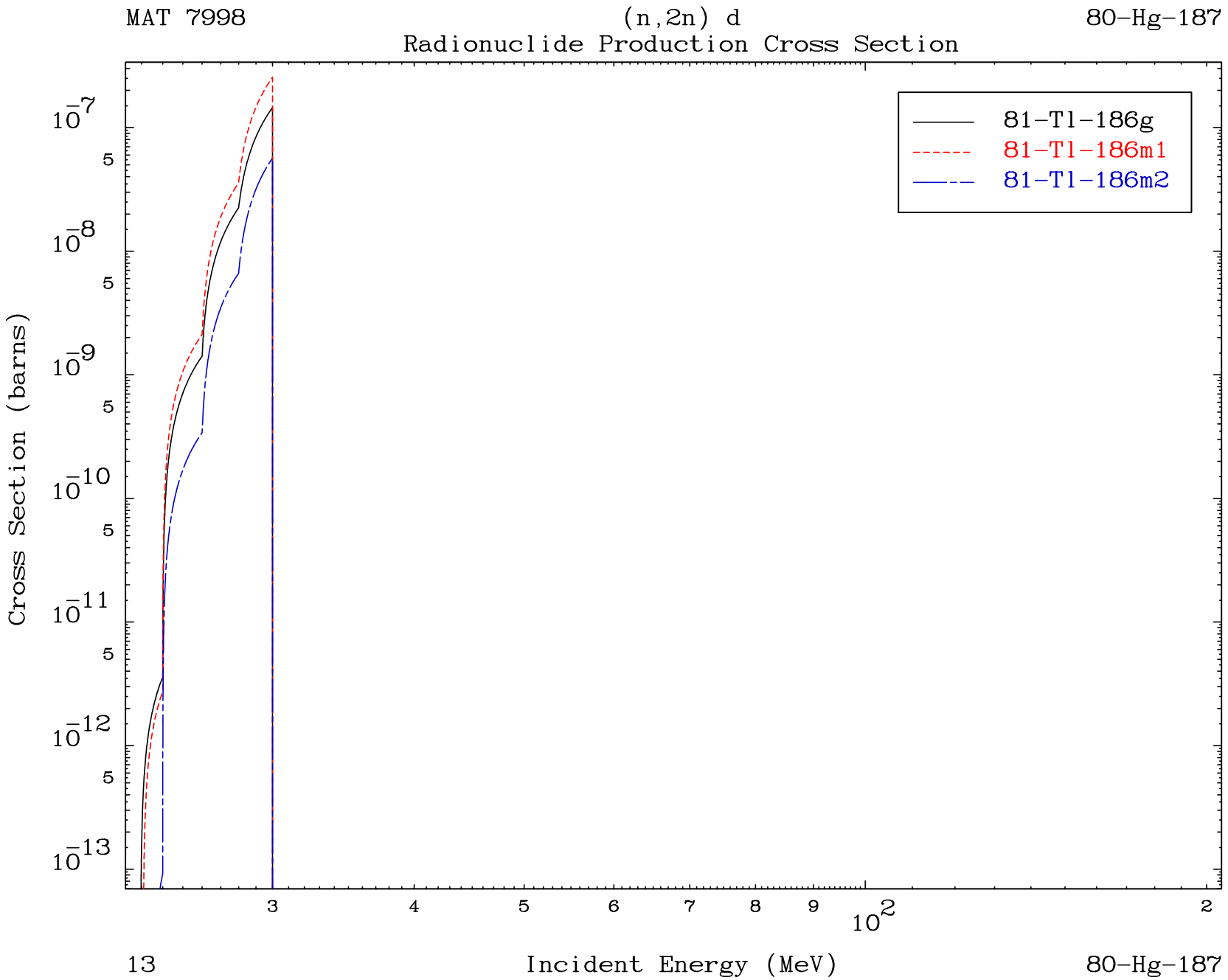

MAT 7998
(He-3,d) Levels
80-Hg-187
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
8
80-Hg-187

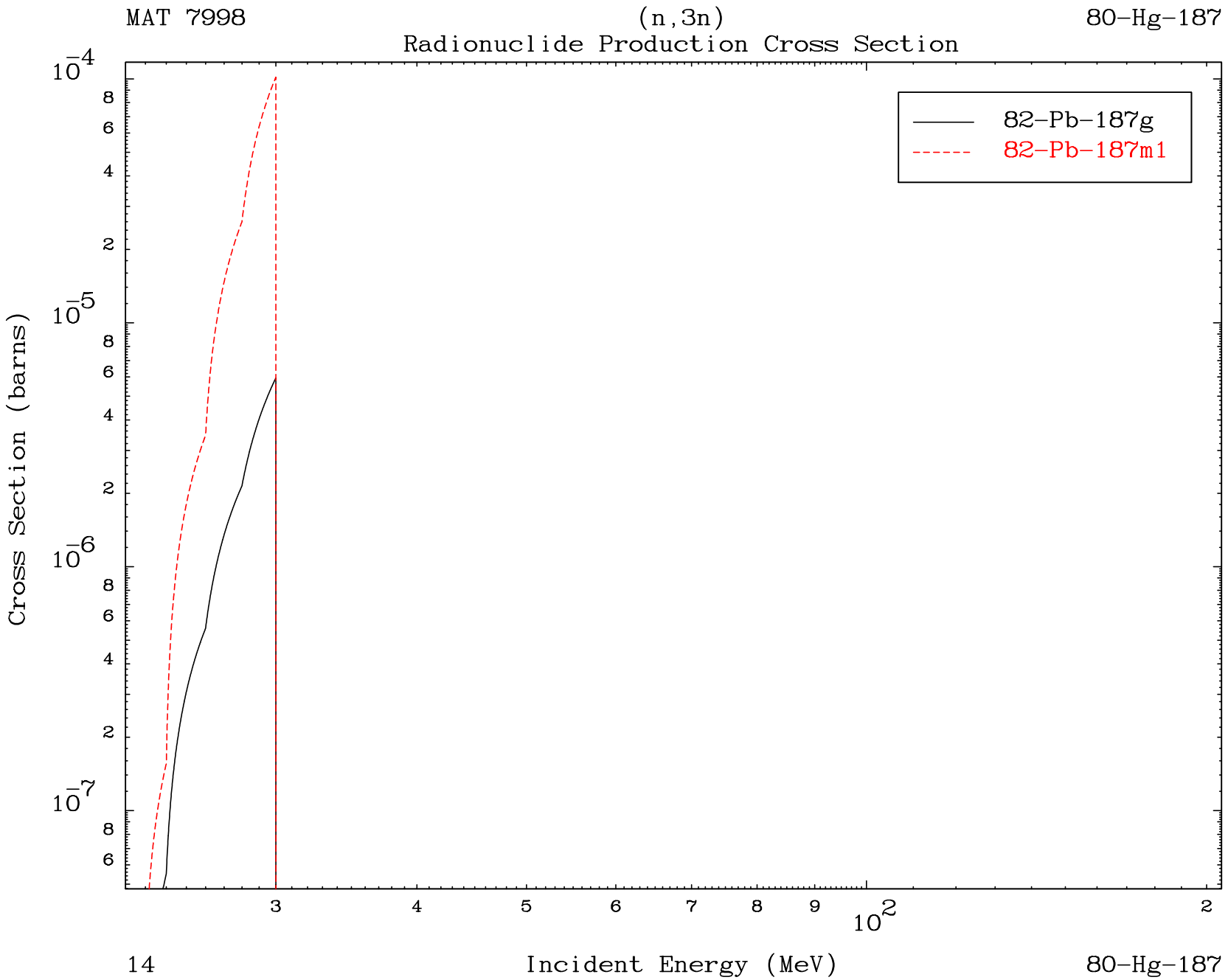

MAT 7998
(He-3,t) Levels
80-Hg-187
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-187
9

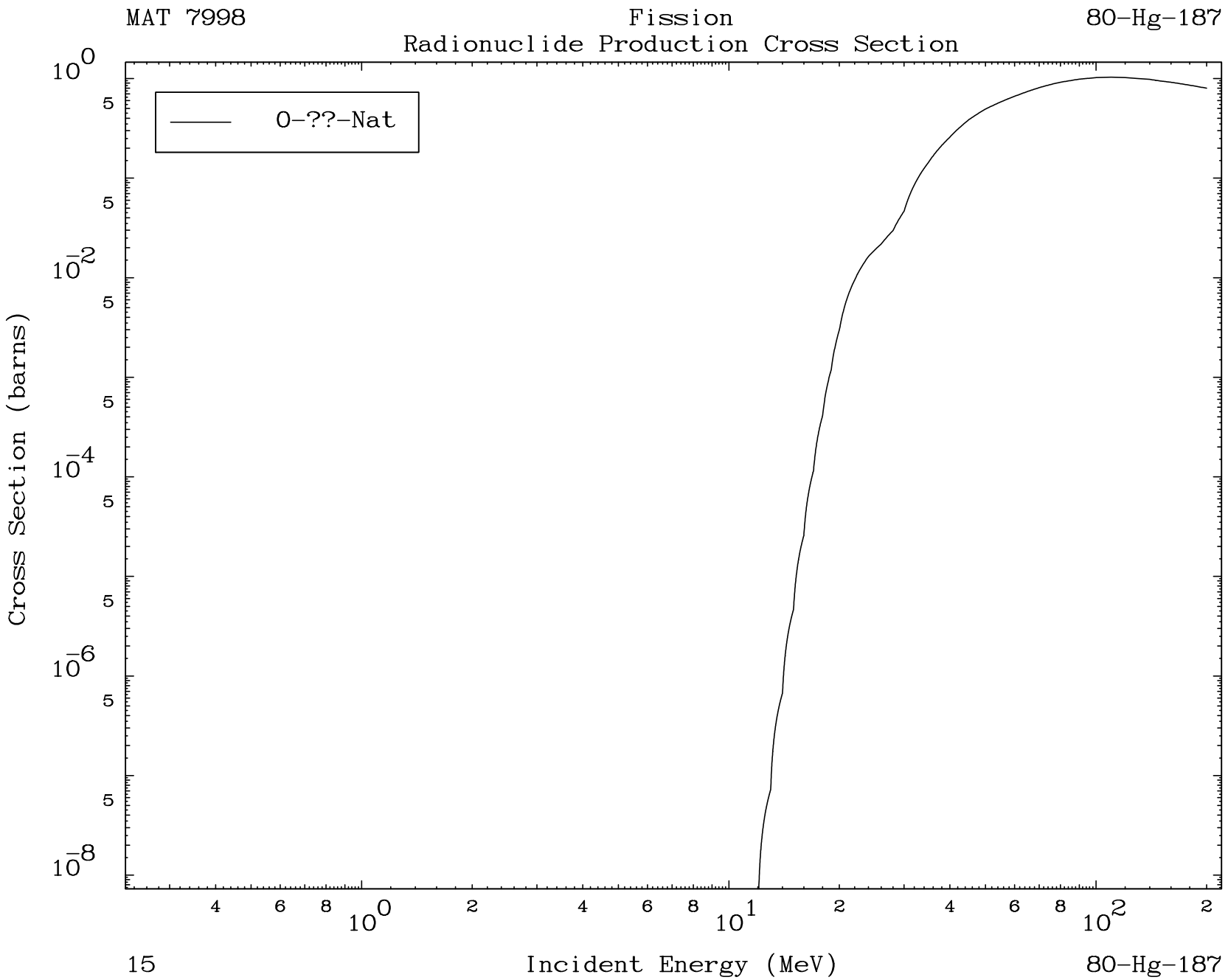

MAT 7998
(He-3,He3) Levels
80-Hg-187
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-187

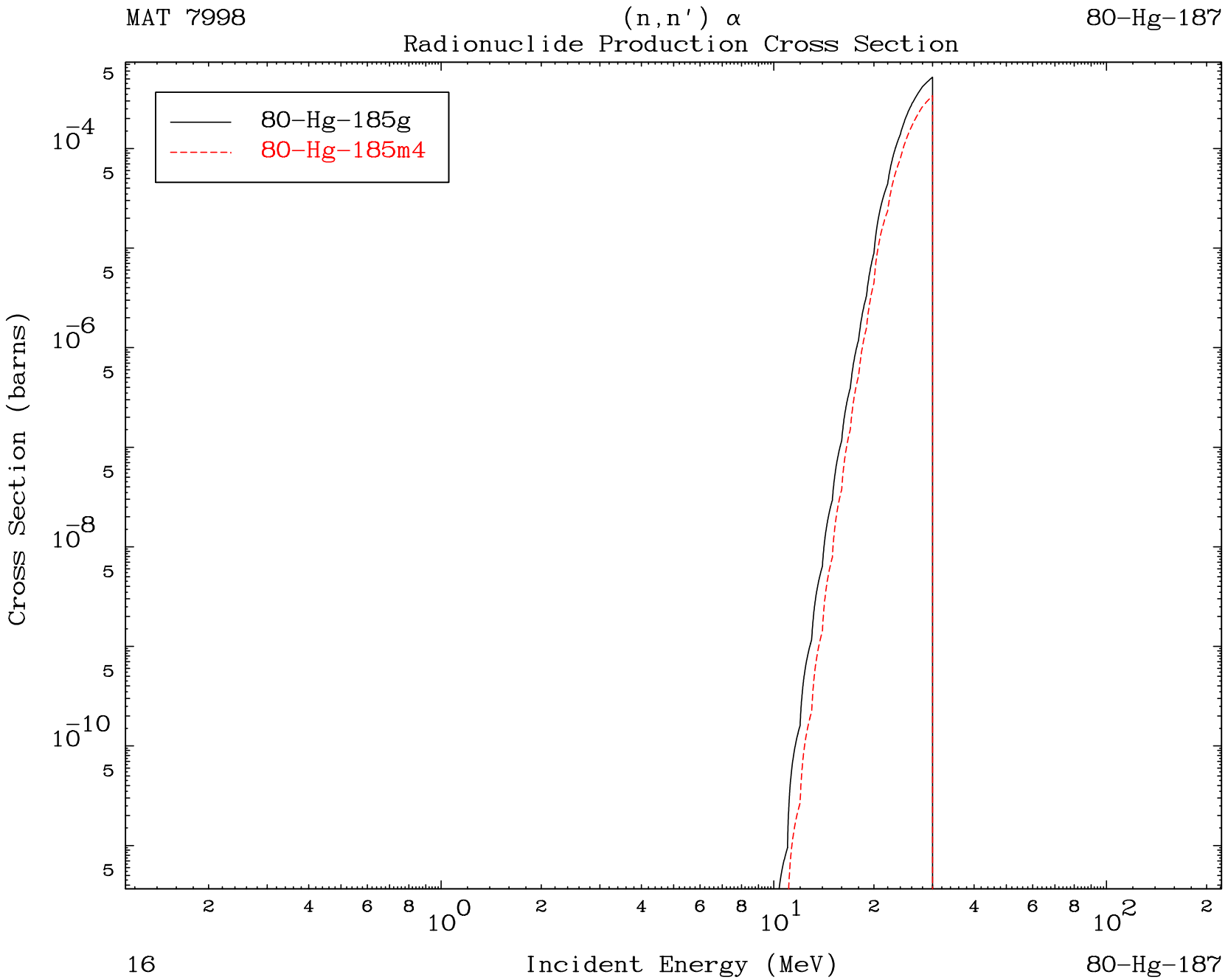

MAT 7998
(He-3,α) Levels
0 Kelvin Cross Sections
80-Hg-187
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
80-Hg-187

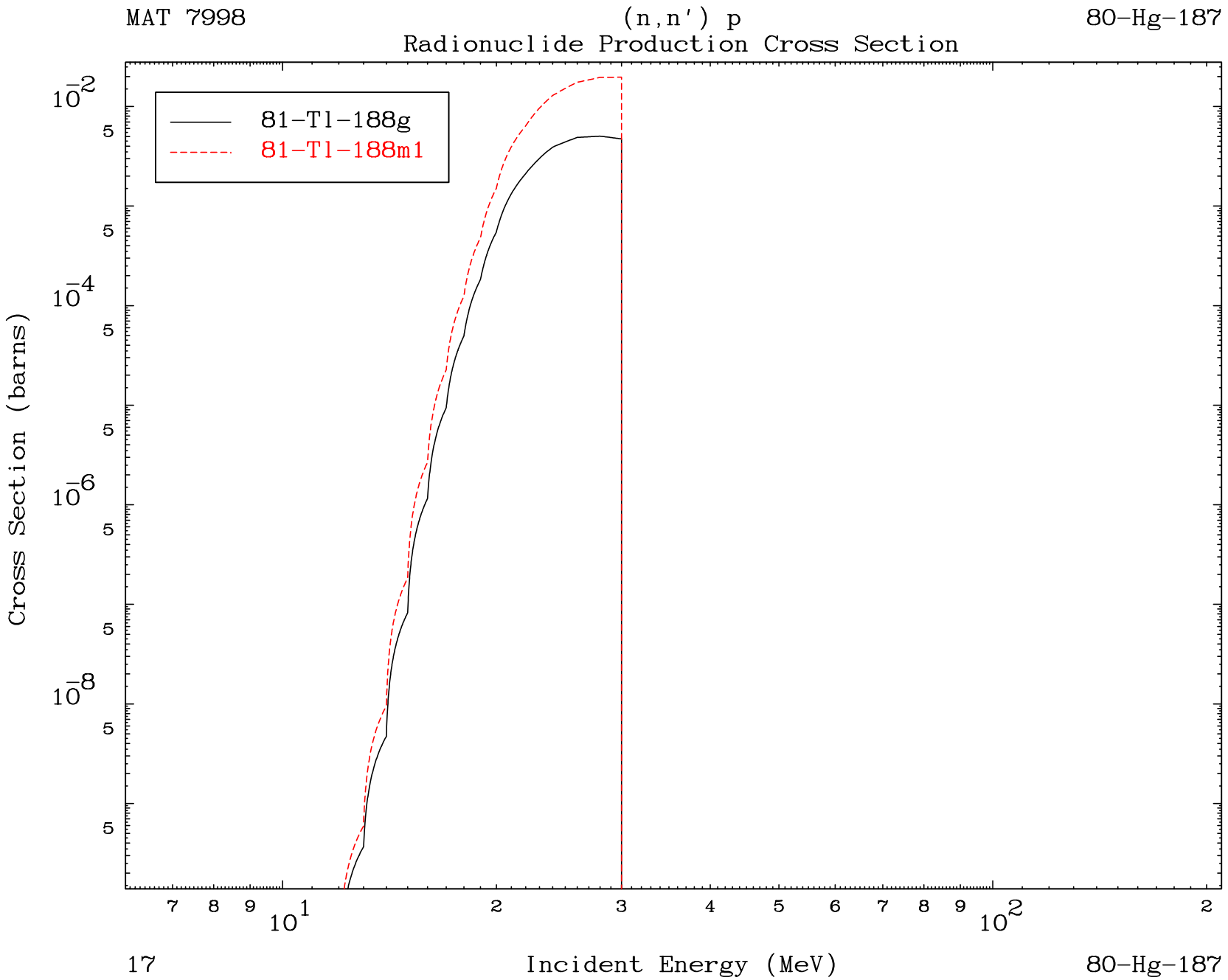

MAT 7998
Inelastic
80-Hg-187
Radionuclide Production Cross Section
82-Pb-189g
82-Pb-189m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
12
80-Hg-187

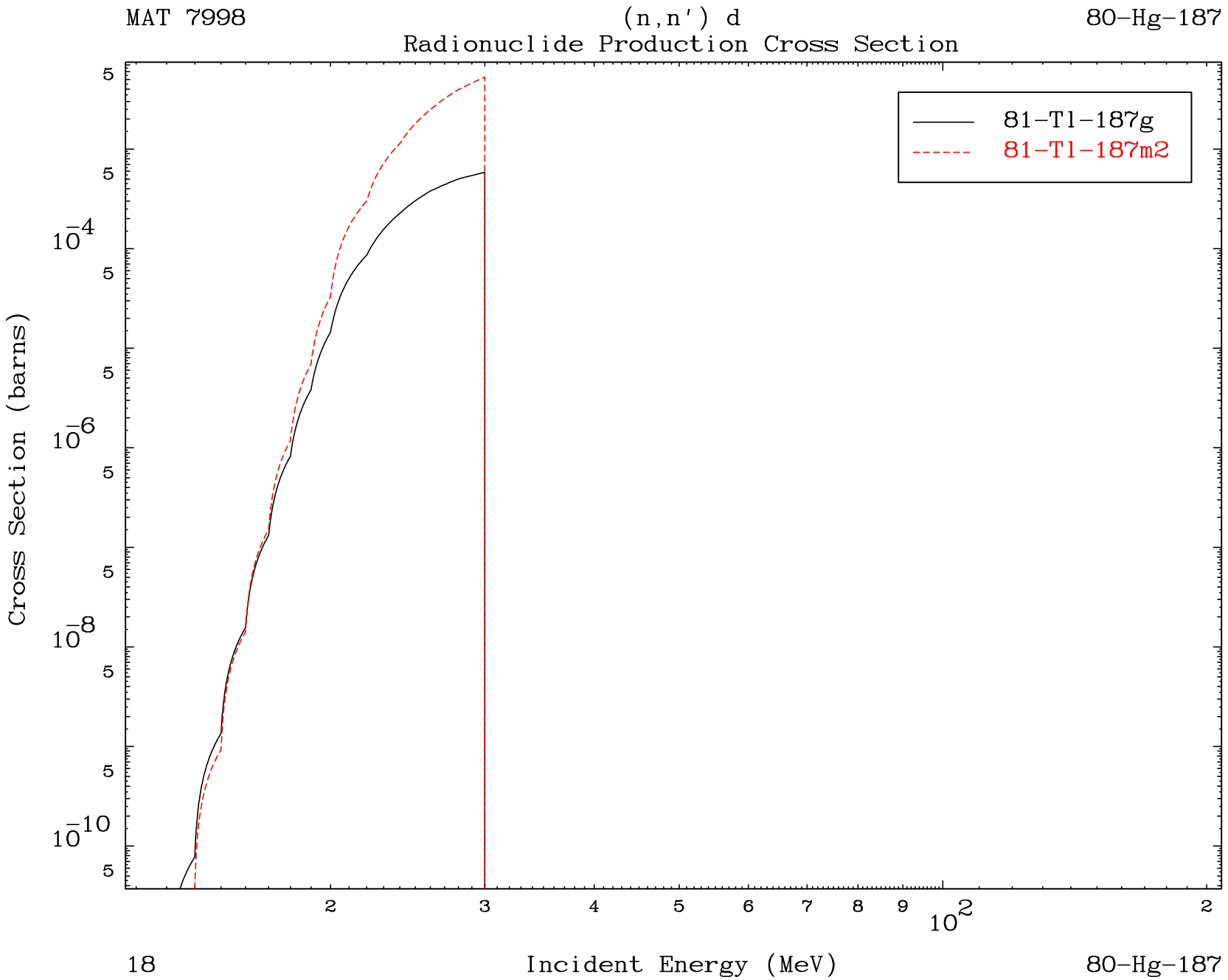

MAT 7998
(n,2n) d
80-Hg-187
Radionuclide Production Cross Section
81-Tl-186g
81-Tl-186m1
81-Tl-186m2
Cross Section (barns)
10-7
10-8
10-9
10-10
10-11
10-12
10-13
5
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
80-Hg-187

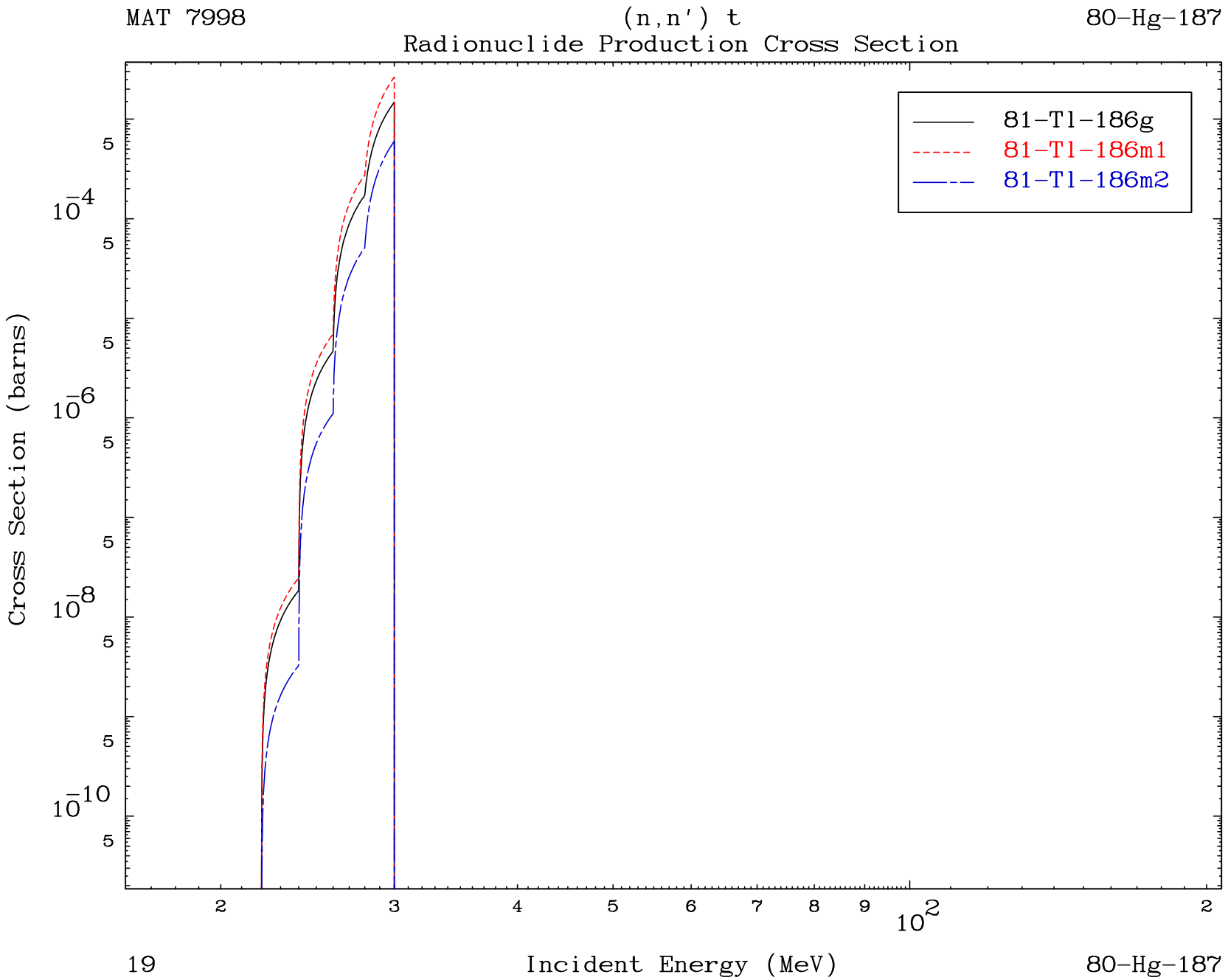

MAT 7998
(n,3n)
80-Hg-187
Radionuclide Production Cross Section
82-Pb-187g
82-Pb-187m1
Cross Section (barns)
Incident Energy (MeV)
14
80-Hg-187

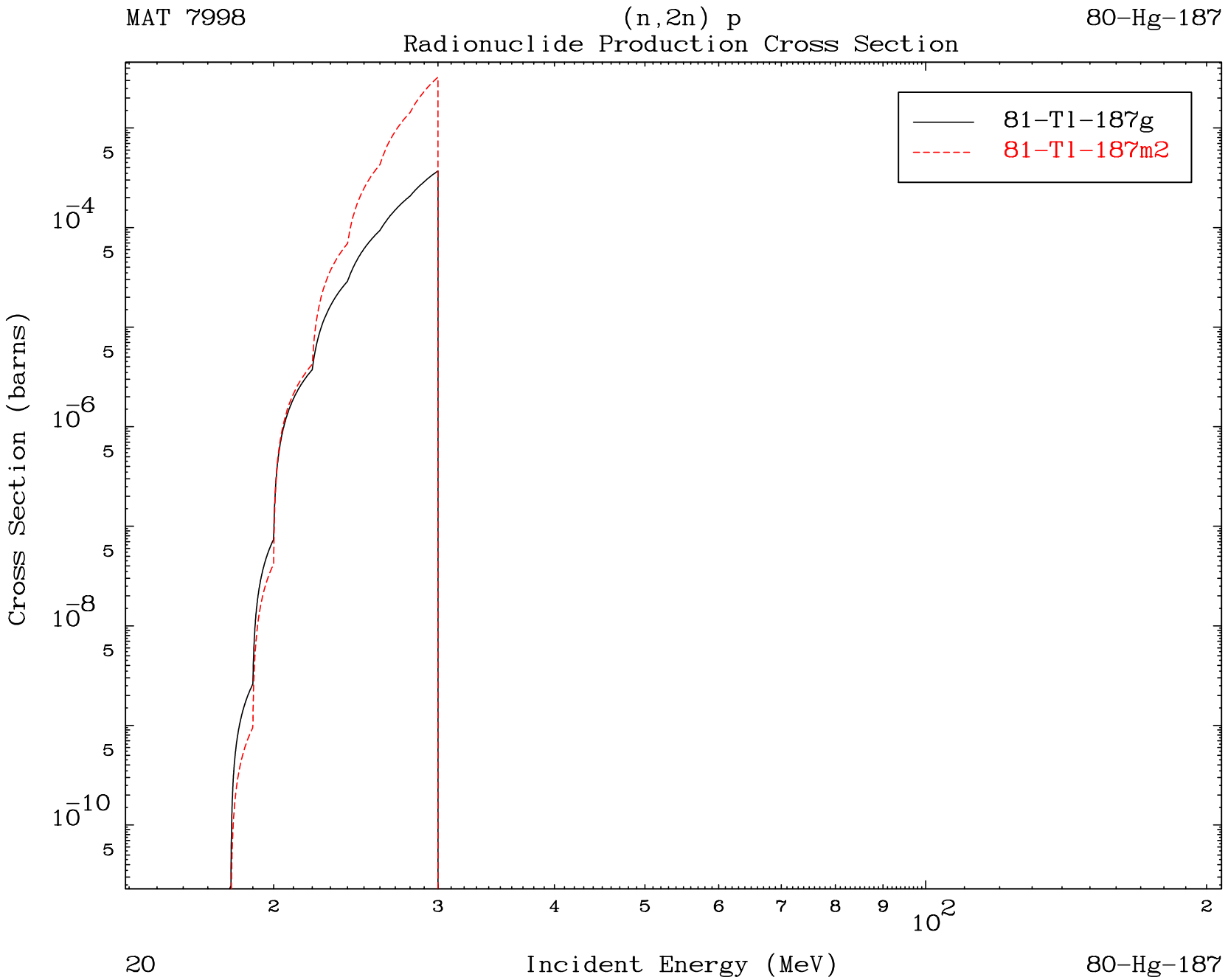

MAT 7998
Fission
80-Hg-187
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
15
80-Hg-187

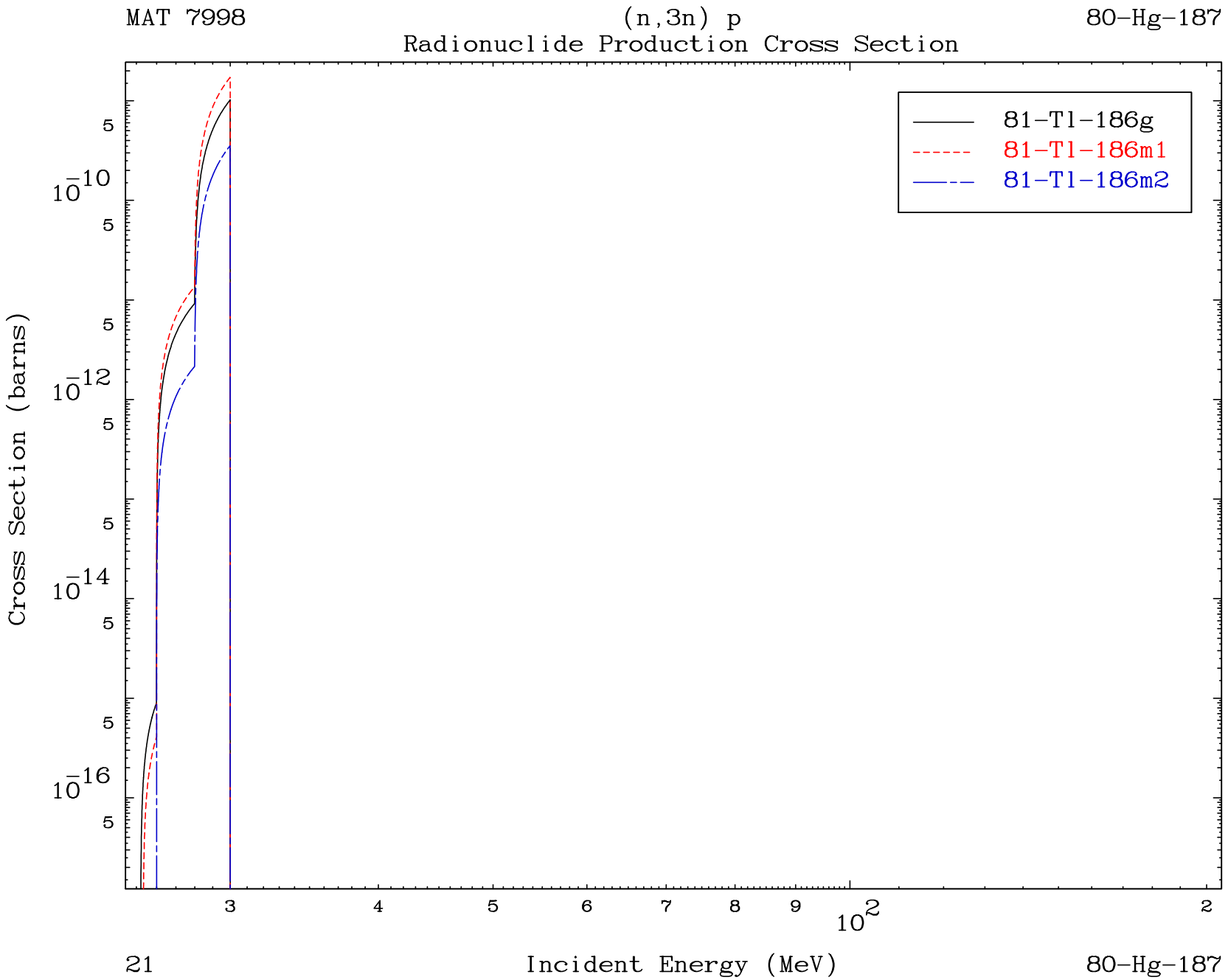

MAT 7998
(n,n') α
80-Hg-187
Radionuclide Production Cross Section
80-Hg-185g
80-Hg-185m4
Cross Section (barns)
Incident Energy (MeV)
16
80-Hg-187

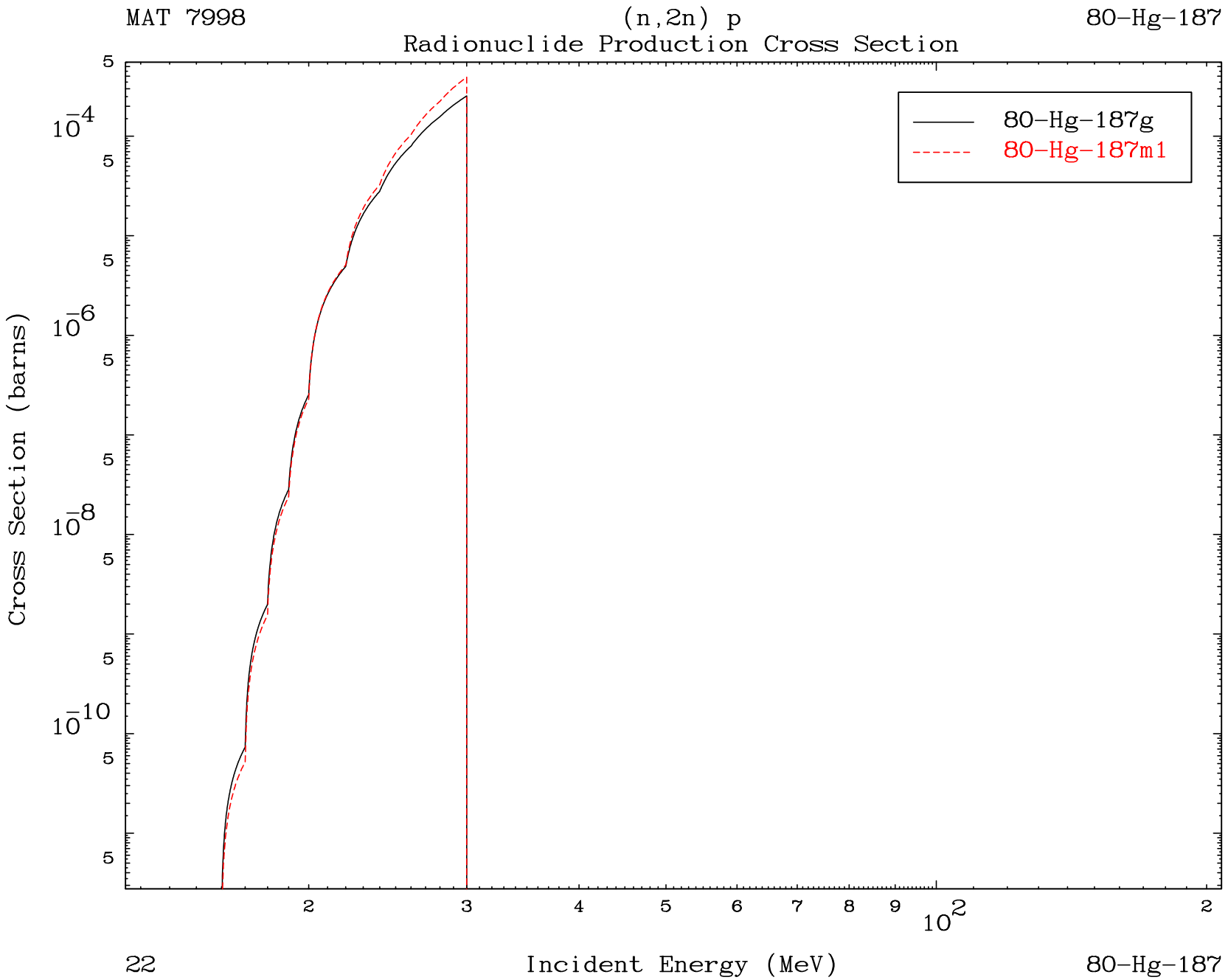

MAT 7998
(n,n') p
80-Hg-187
Radionuclide Production Cross Section
81-Tl-188g
81-Tl-188m1
Cross Section (barns)
Incident Energy (MeV)
17
80-Hg-187

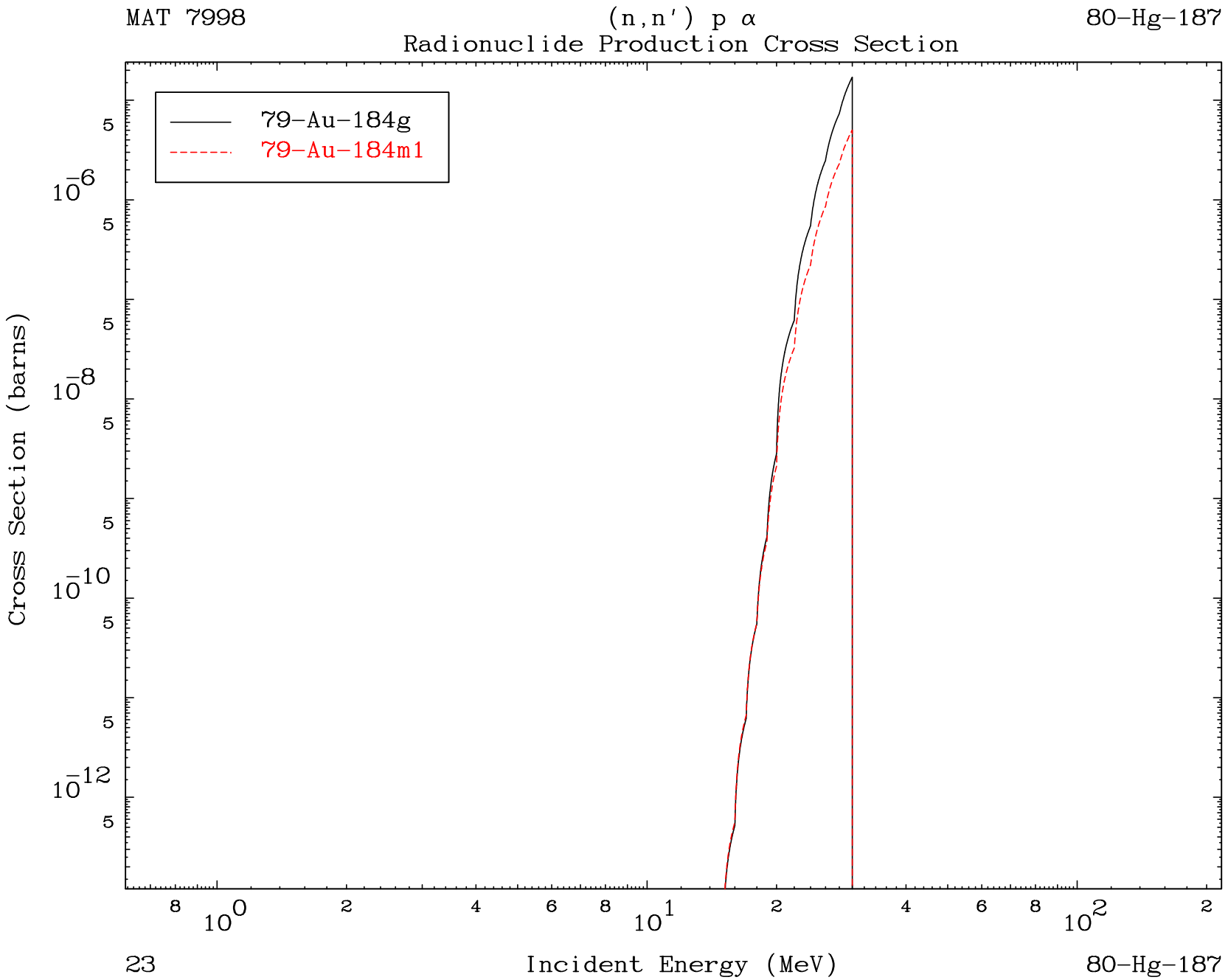

MAT 7998
(n,n') d
80-Hg-187
Radionuclide Production Cross Section
81-Tl-187g
81-Tl-187m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
6
7
8
9
10^2
18
Incident Energy (MeV)
80-Hg-187

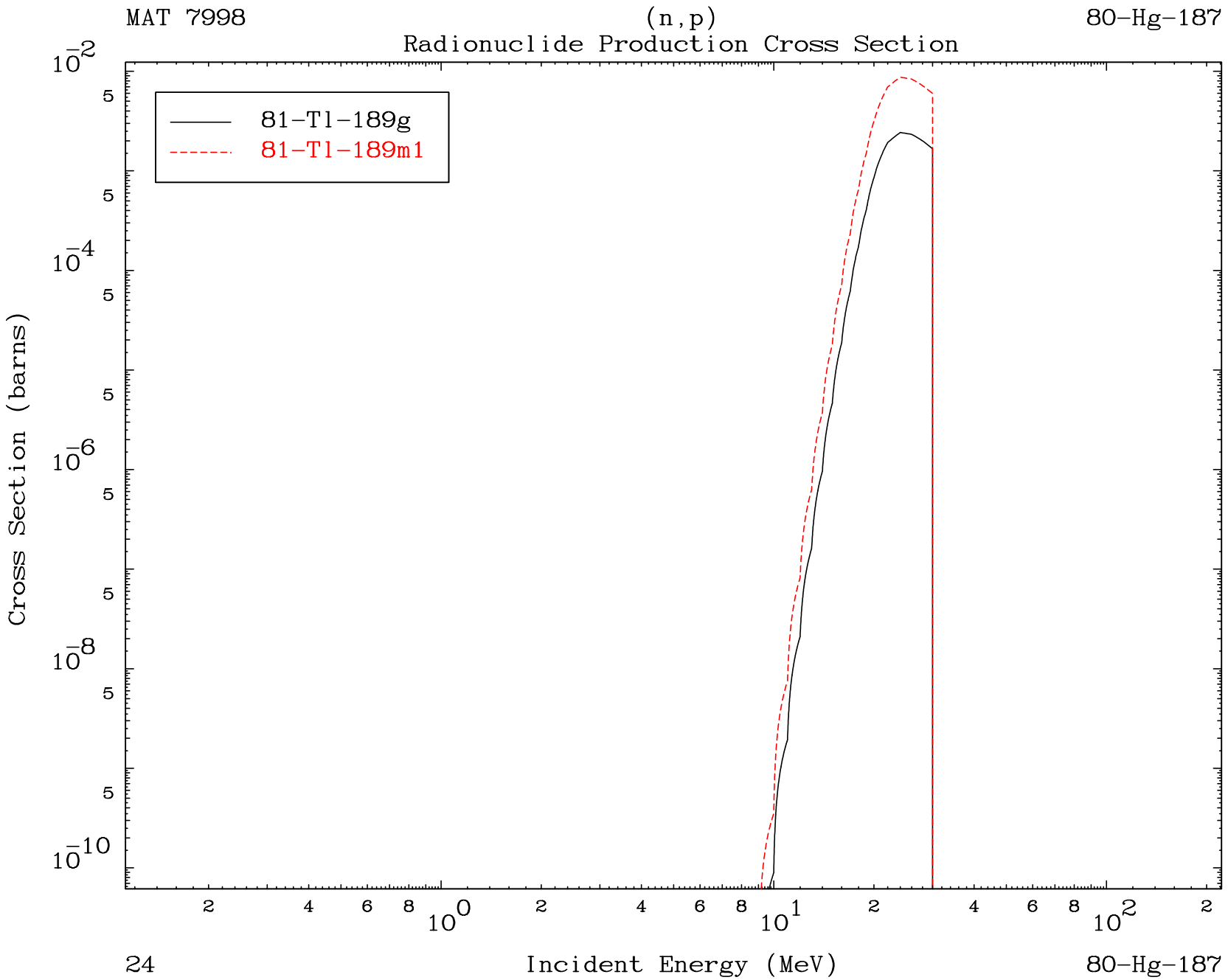

MAT 7998
(n,n') t
80-Hg-187
Radionuclide Production Cross Section
81-Tl-186g
81-Tl-186m1
81-Tl-186m2
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
19
80-Hg-187

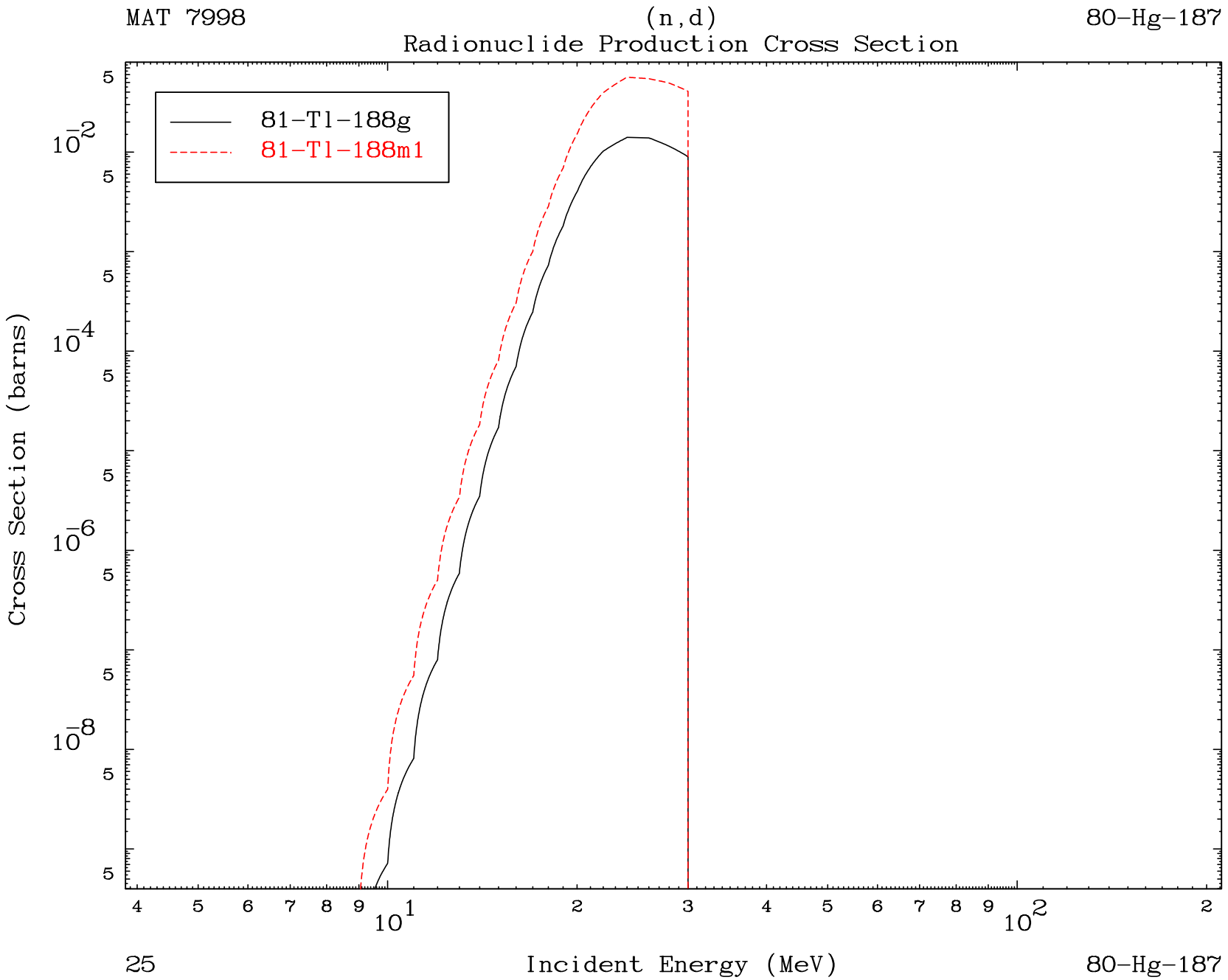

MAT 7998
(n,2n) p
80-Hg-187
Radionuclide Production Cross Section
81-Tl-187g
81-Tl-187m2
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
20
Incident Energy (MeV)
80-Hg-187

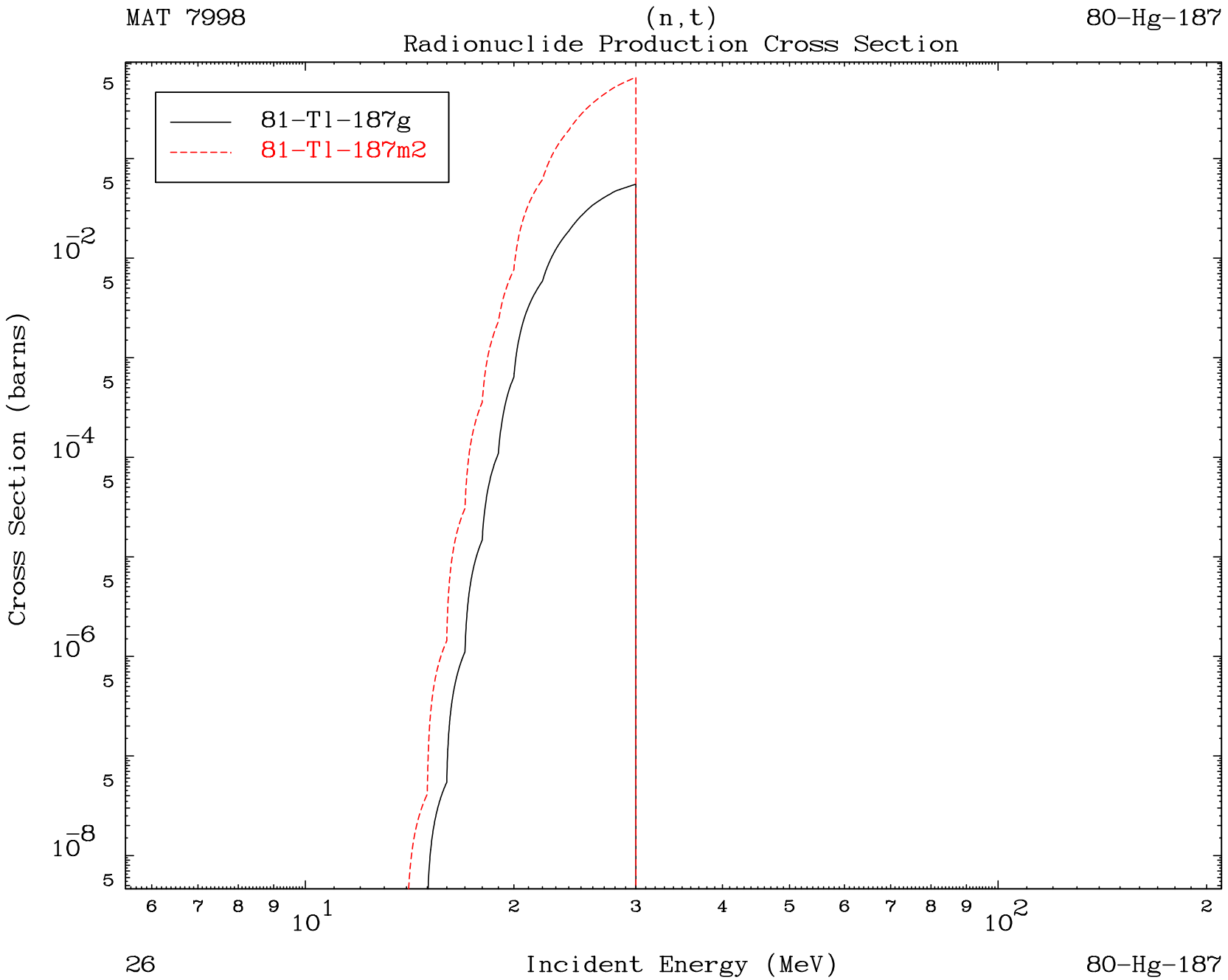

MAT 7998
(n,3n) p
80-Hg-187
Radionuclide Production Cross Section
81-Tl-186g
81-Tl-186m1
81-Tl-186m2
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
3
4
6
7
8
9
10^2
2
21
Incident Energy (MeV)
80-Hg-187

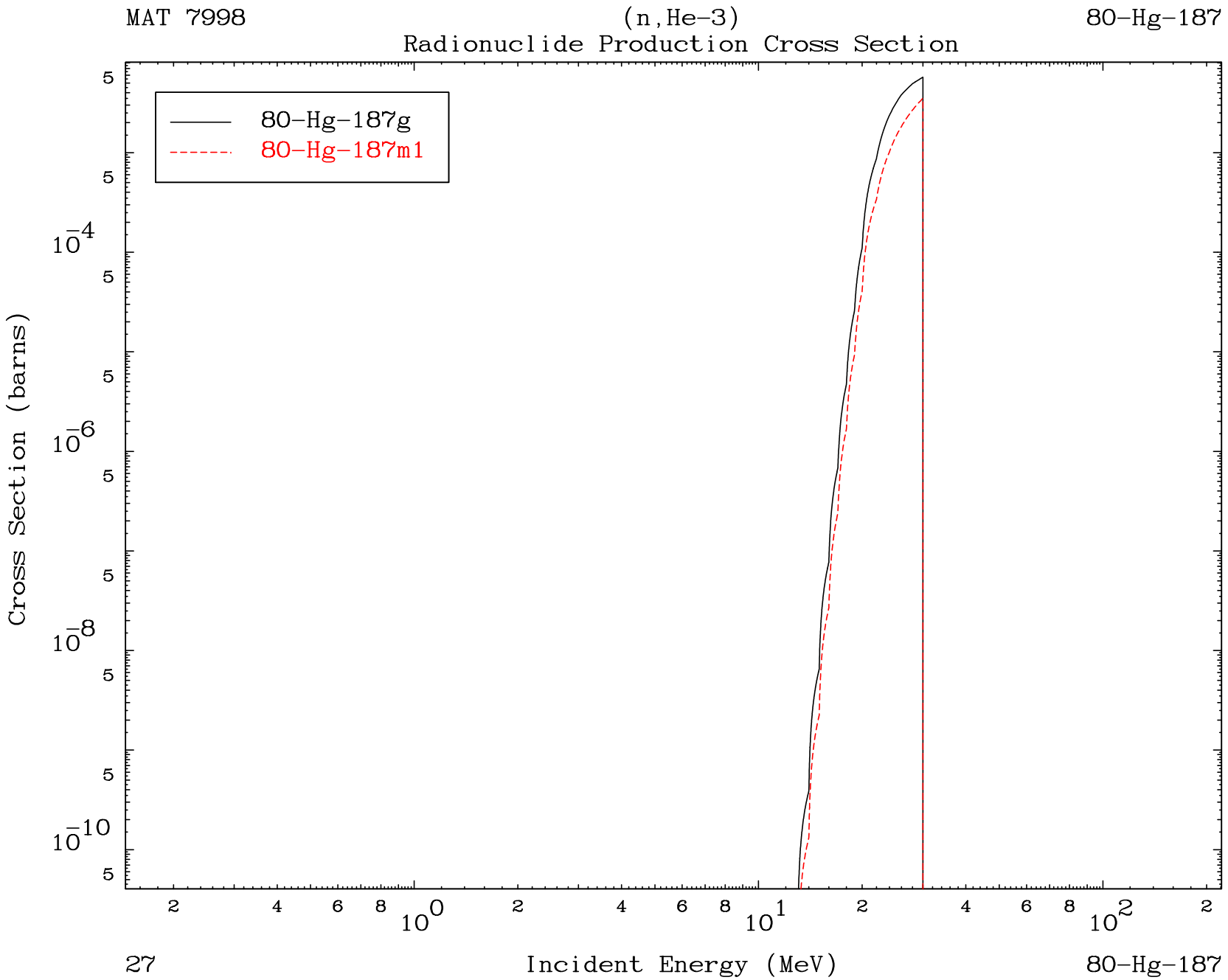

MAT 7998
(n,2n) p
80-Hg-187
Radionuclide Production Cross Section
80-Hg-187g
80-Hg-187m1
Cross Section (barns)
Incident Energy (MeV)
22
80-Hg-187

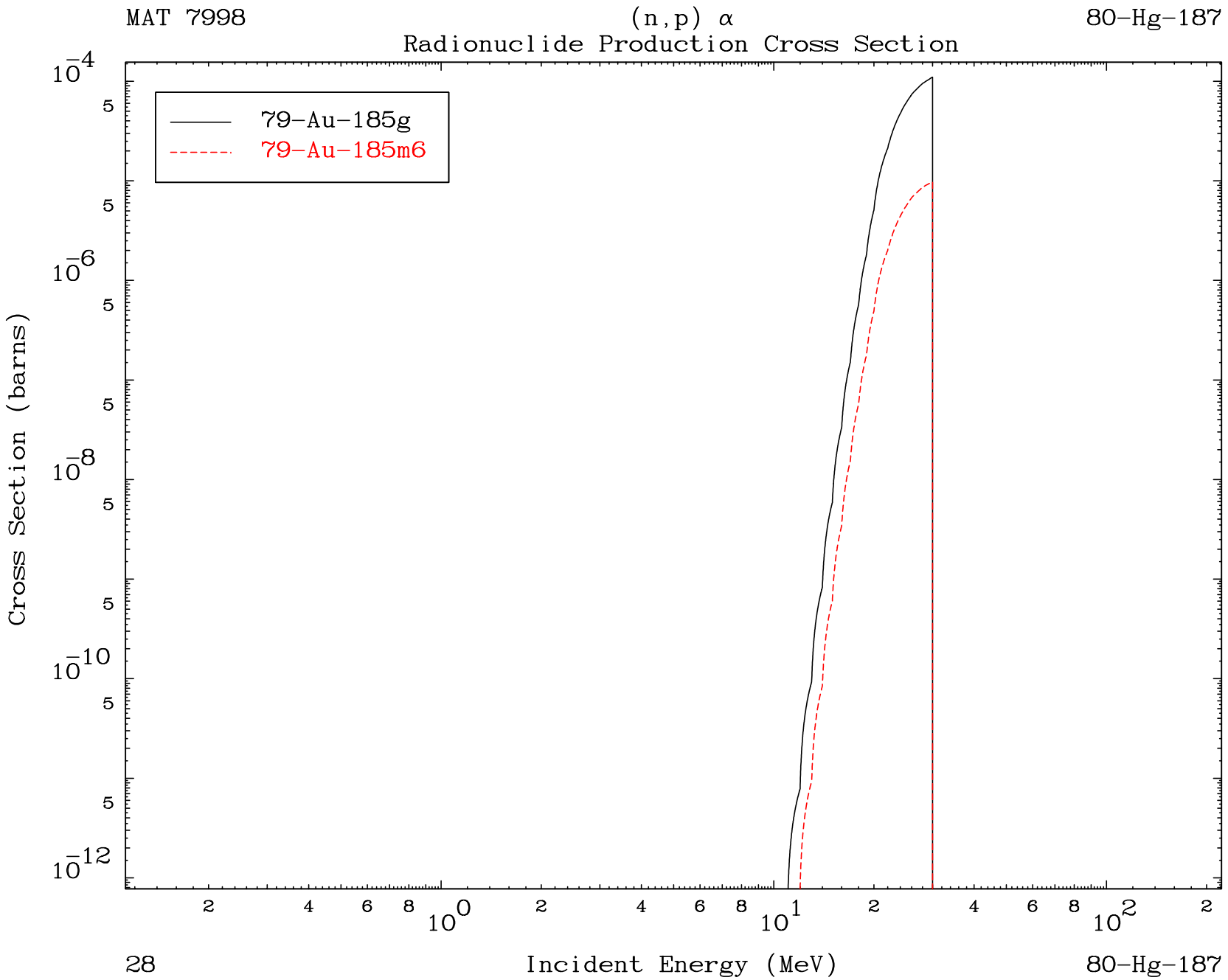

MAT 7998
(n,n') p α
80-Hg-187
Radionuclide Production Cross Section
79-Au-184g
79-Au-184m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
23
80-Hg-187

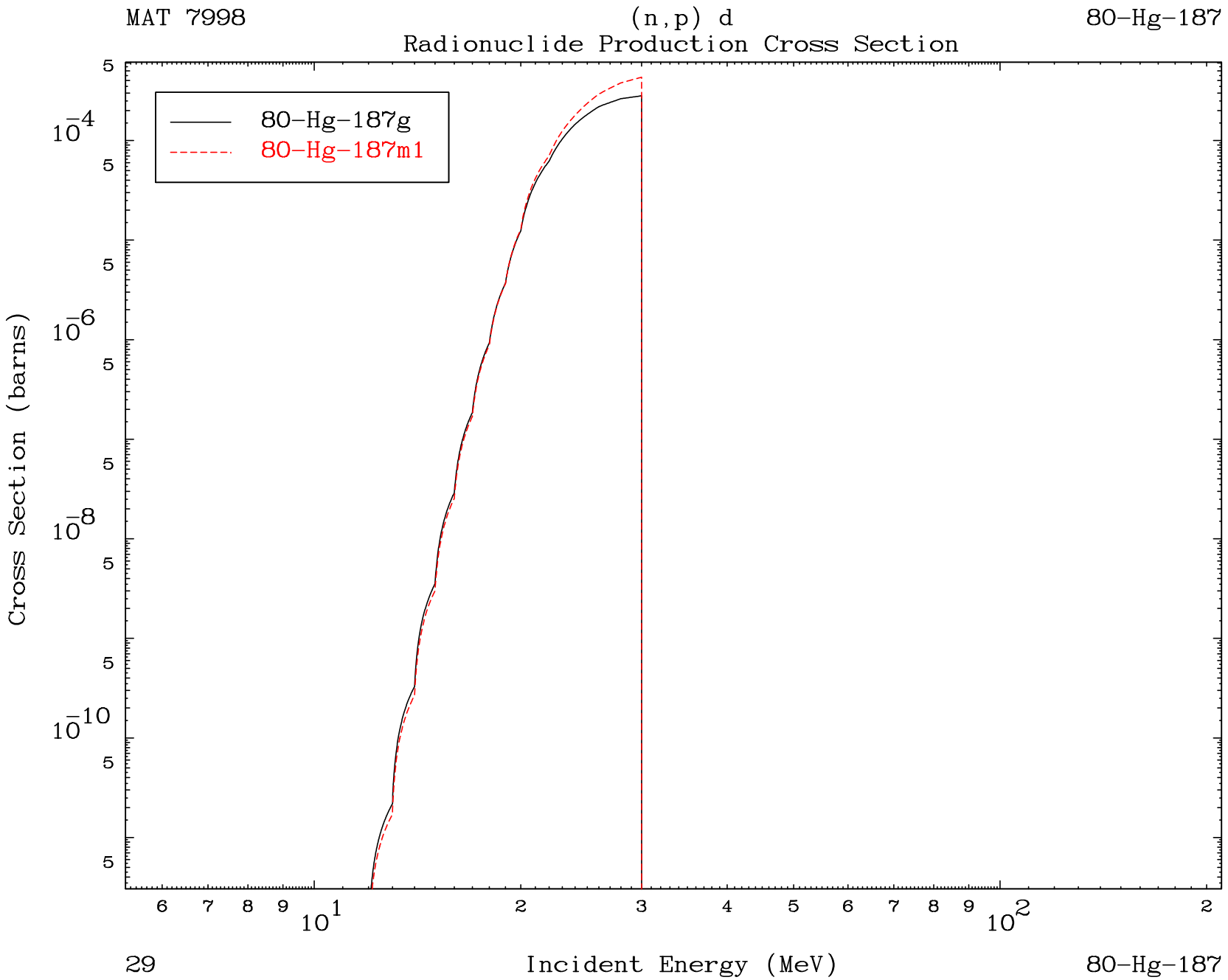

MAT 7998
(n,p)
80-Hg-187
Radionuclide Production Cross Section
81-Tl-189g
81-Tl-189m1
Cross Section (barns)
Incident Energy (MeV)
24
80-Hg-187

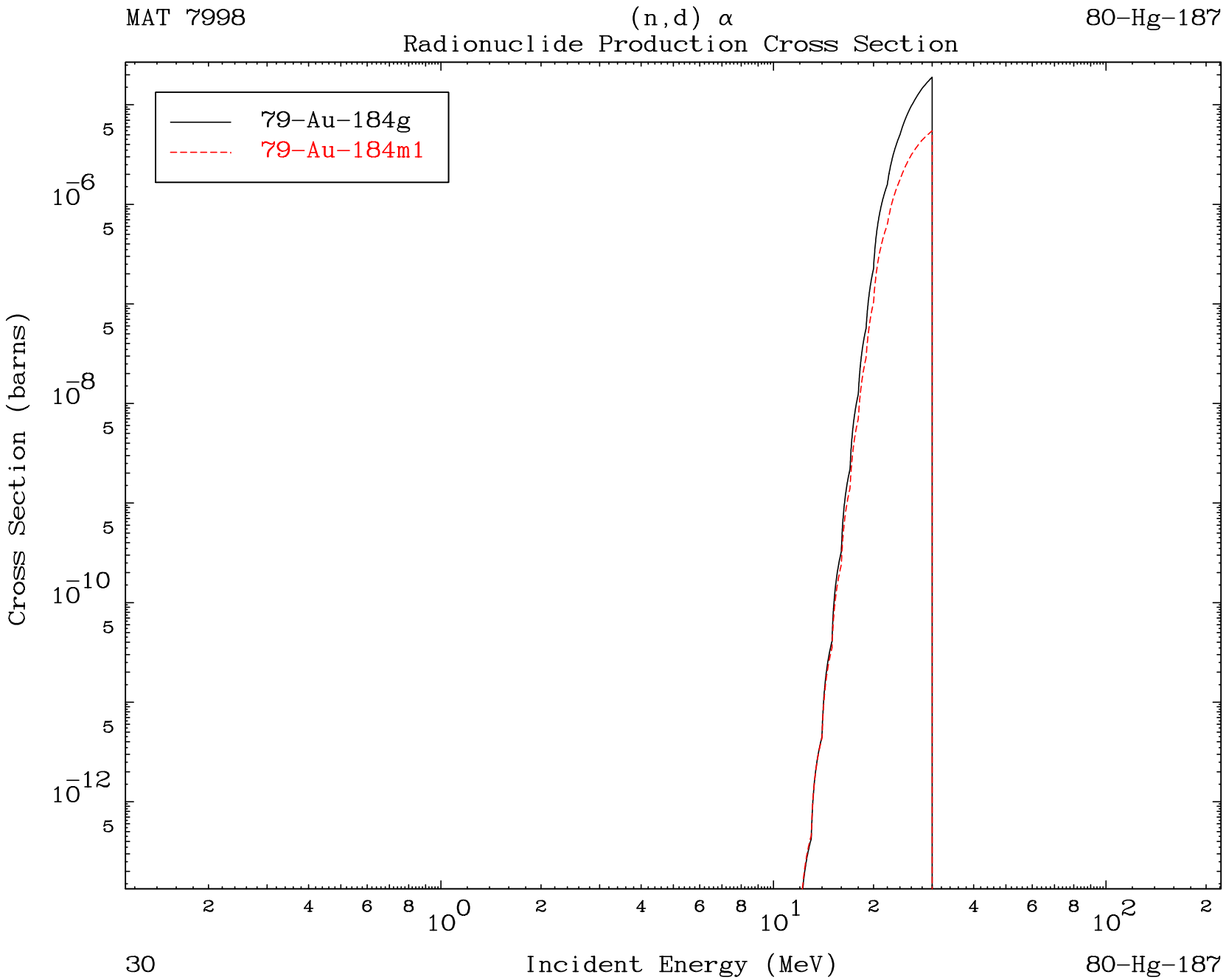

MAT 7998
(n,d)
80-Hg-187
Radionuclide Production Cross Section
81-Tl-188g
81-Tl-188m1
Cross Section (barns)
Incident Energy (MeV)
25
80-Hg-187


MAT 7998
(n,t)
80-Hg-187
Radionuclide Production Cross Section
81-Tl-187g
81-Tl-187m2
Cross Section (barns)
Incident Energy (MeV)
26
80-Hg-187


MAT 7998
(n,He-3)
80-Hg-187
Radionuclide Production Cross Section
80-Hg-187g
80-Hg-187m1
Cross Section (barns)
Incident Energy (MeV)
27
80-Hg-187


MAT 7998
(n,p) α
80-Hg-187
Radionuclide Production Cross Section
79-Au-185g
79-Au-185m6
Cross Section (barns)
Incident Energy (MeV)
28
80-Hg-187


MAT 7998
(n,p) d
80-Hg-187
Radionuclide Production Cross Section
80-Hg-187g
80-Hg-187m1
Cross Section (barns)
Incident Energy (MeV)
29
80-Hg-187


MAT 7998
(n,d) α
80-Hg-187
Radionuclide Production Cross Section
79-Au-184g
79-Au-184m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
30
80-Hg-187