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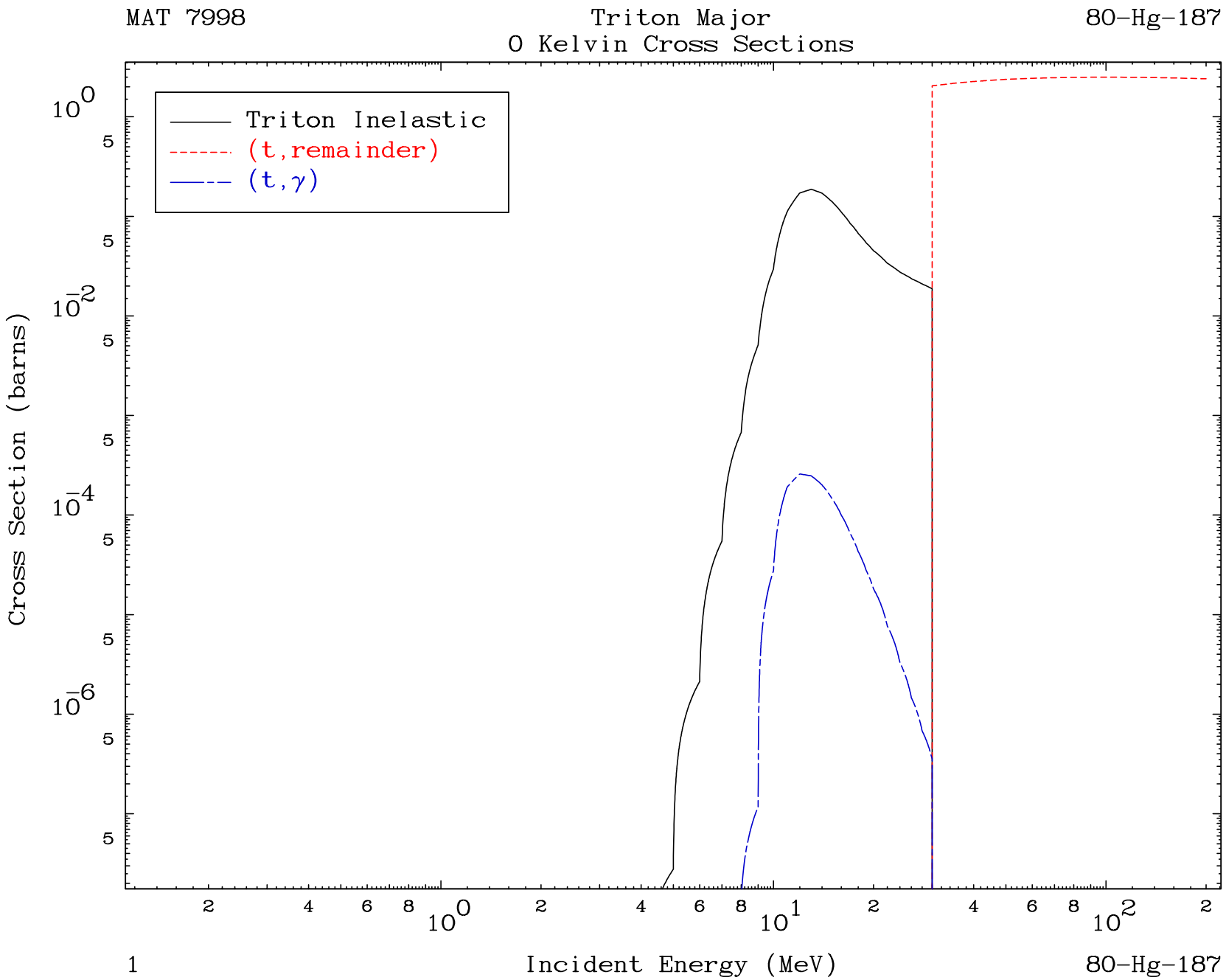
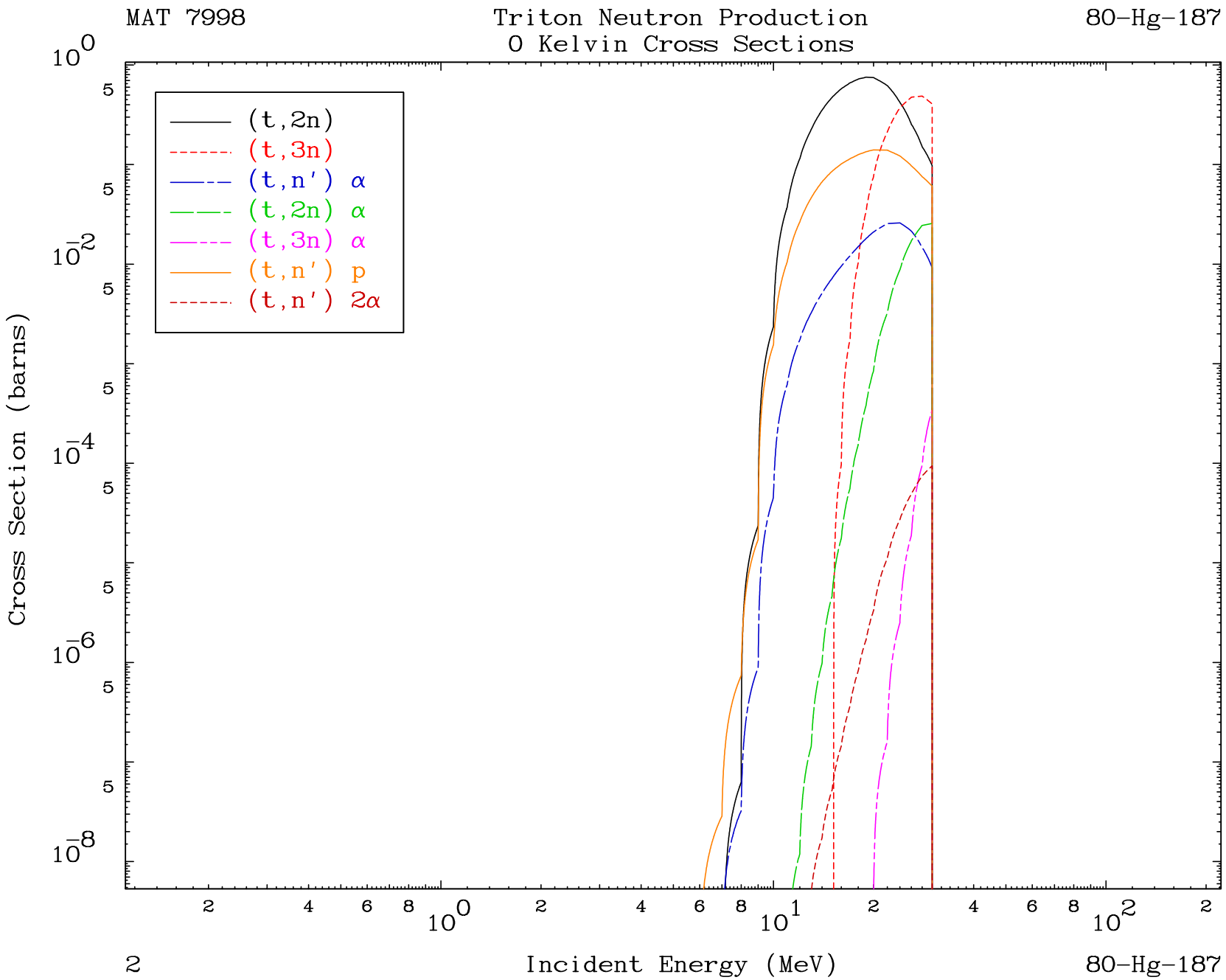
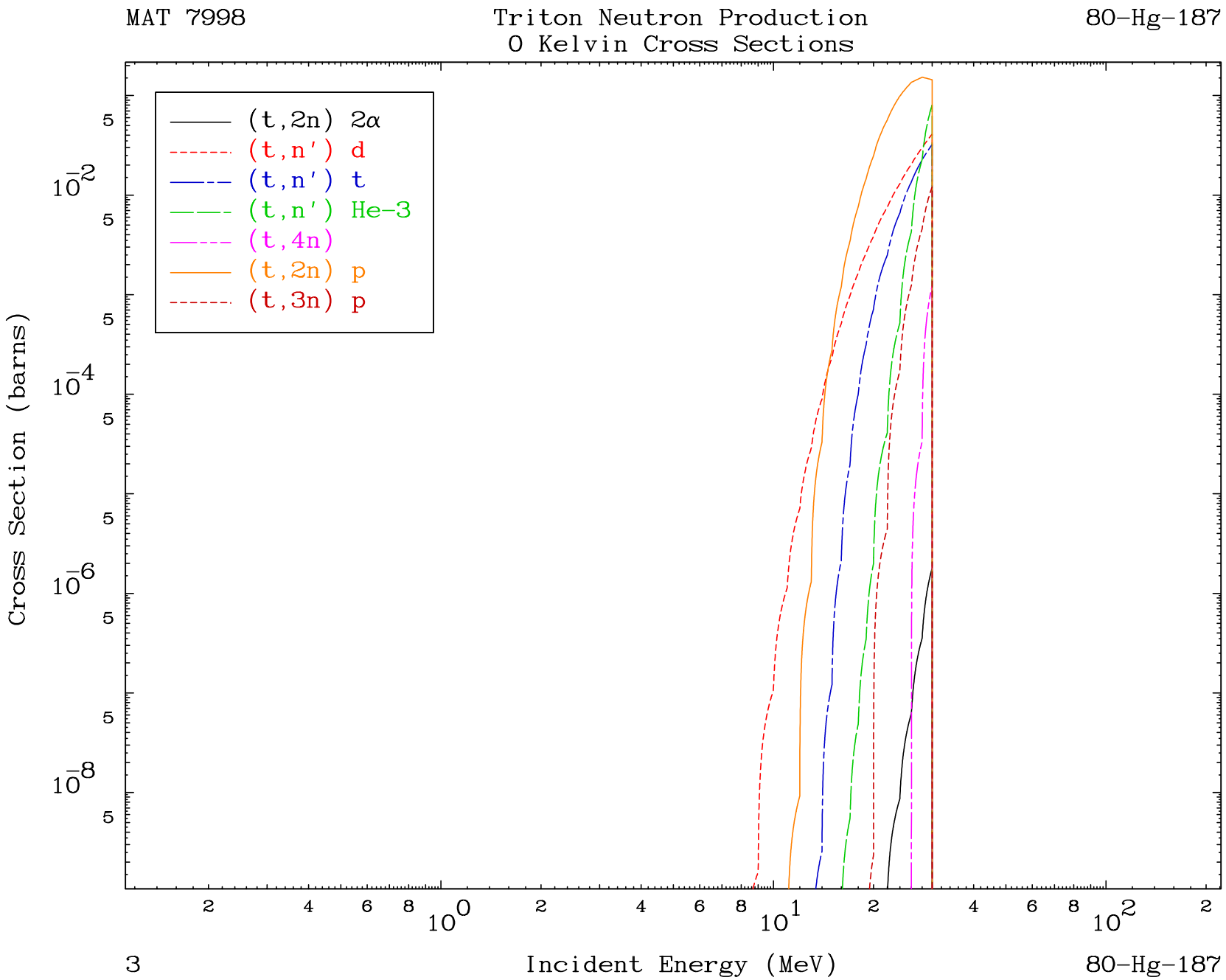
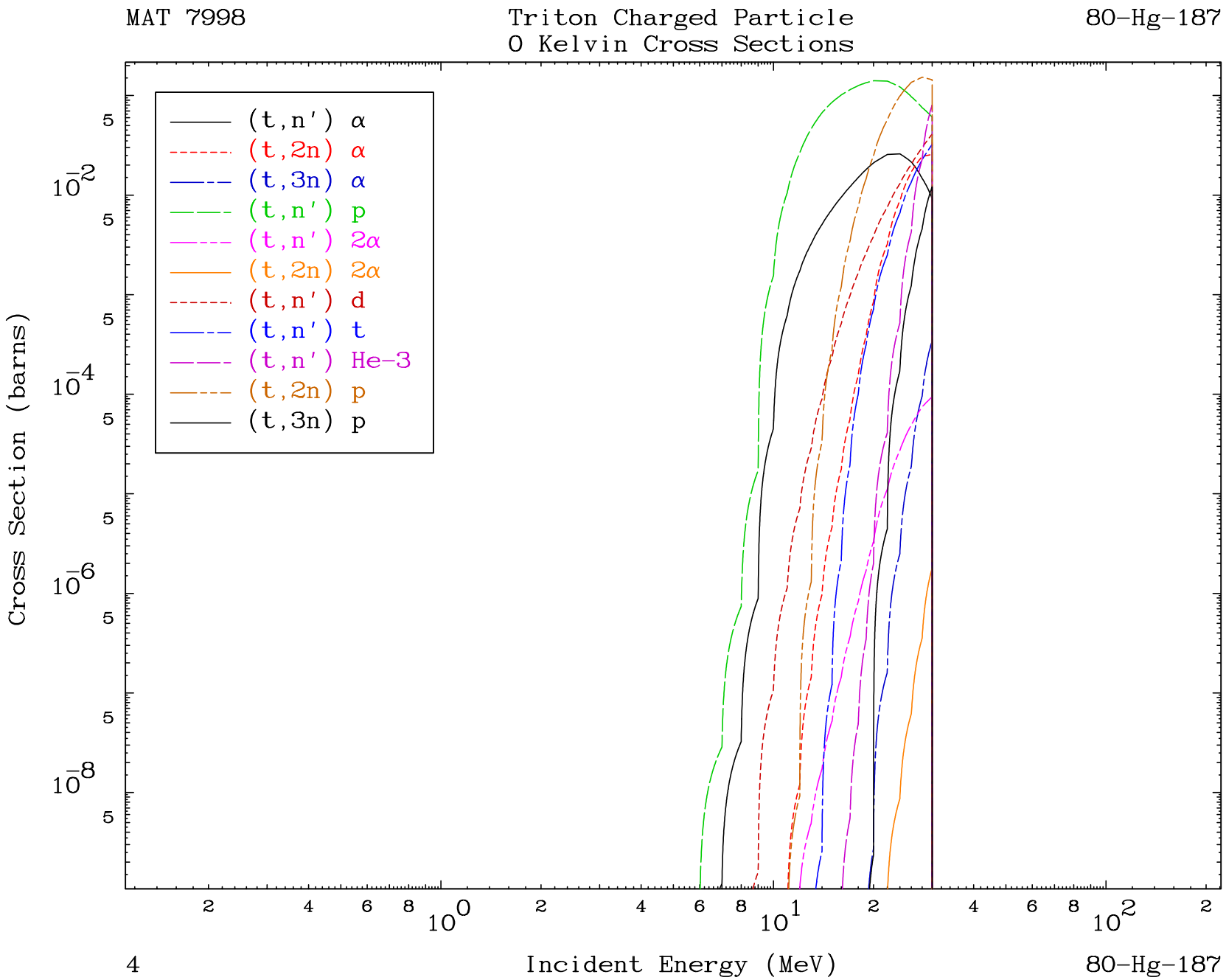
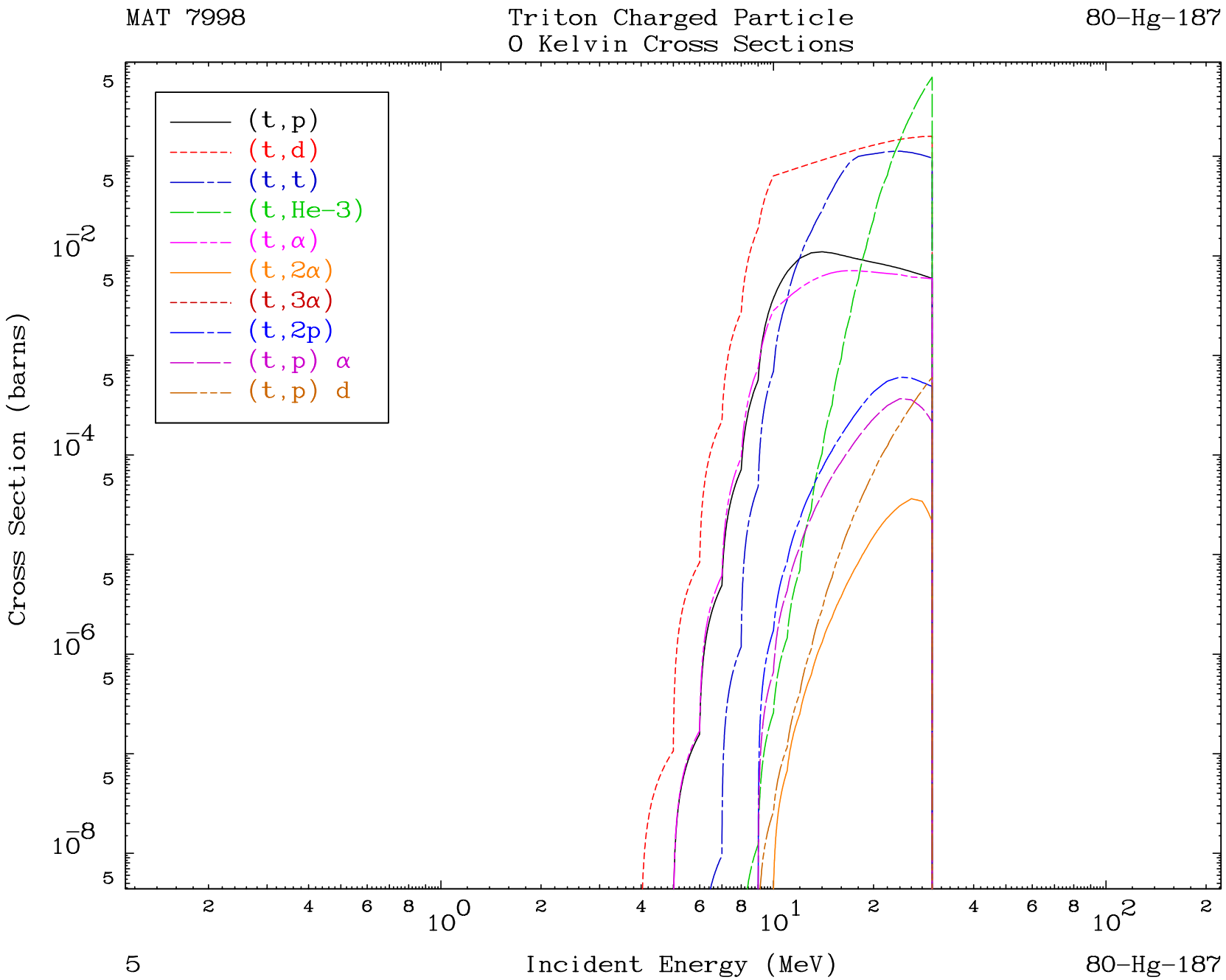
Press Mouse Button to Start

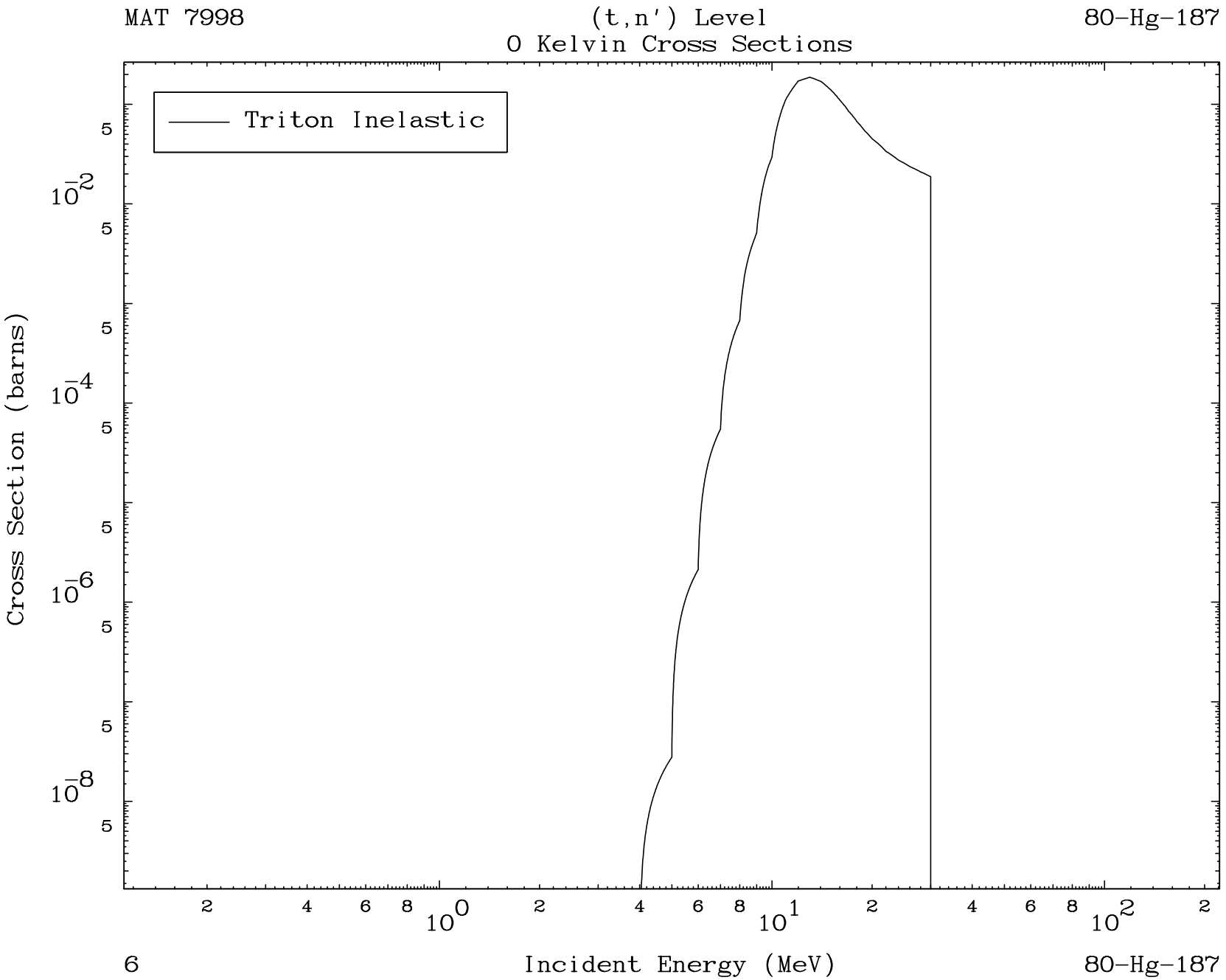

MAT 7998
Triton Major
80-Hg-187
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-187
1

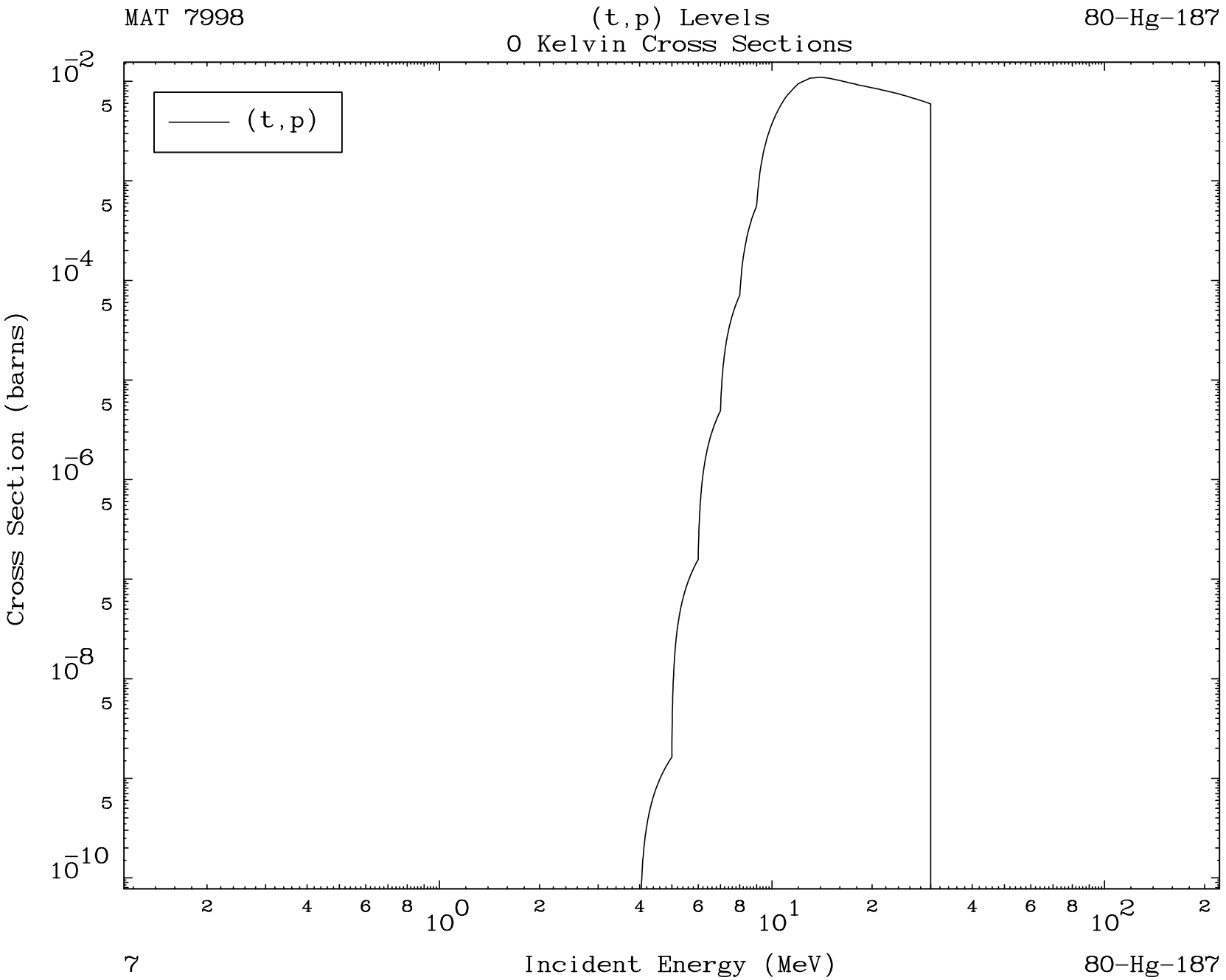

MAT 7998
Triton Neutron Production
0 Kelvin Cross Sections
80-Hg-187
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
Cross Section (barns)
Incident Energy (MeV)
80-Hg-187
2


MAT 7998
Triton Neutron Production
0 Kelvin Cross Sections
80-Hg-187
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
80-Hg-187

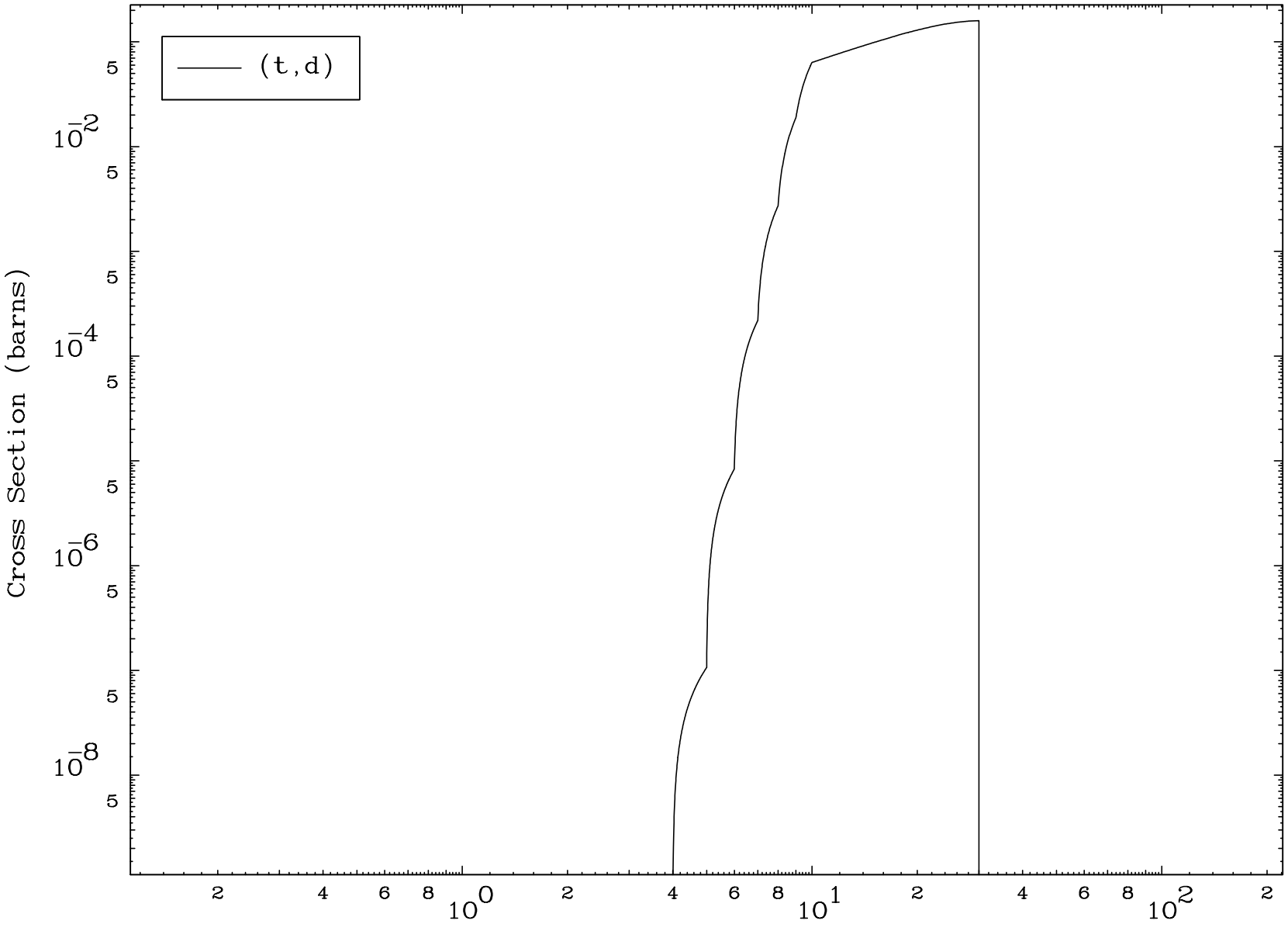

MAT 7998
Triton Charged Particle
0 Kelvin Cross Sections
80-Hg-187
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
80-Hg-187

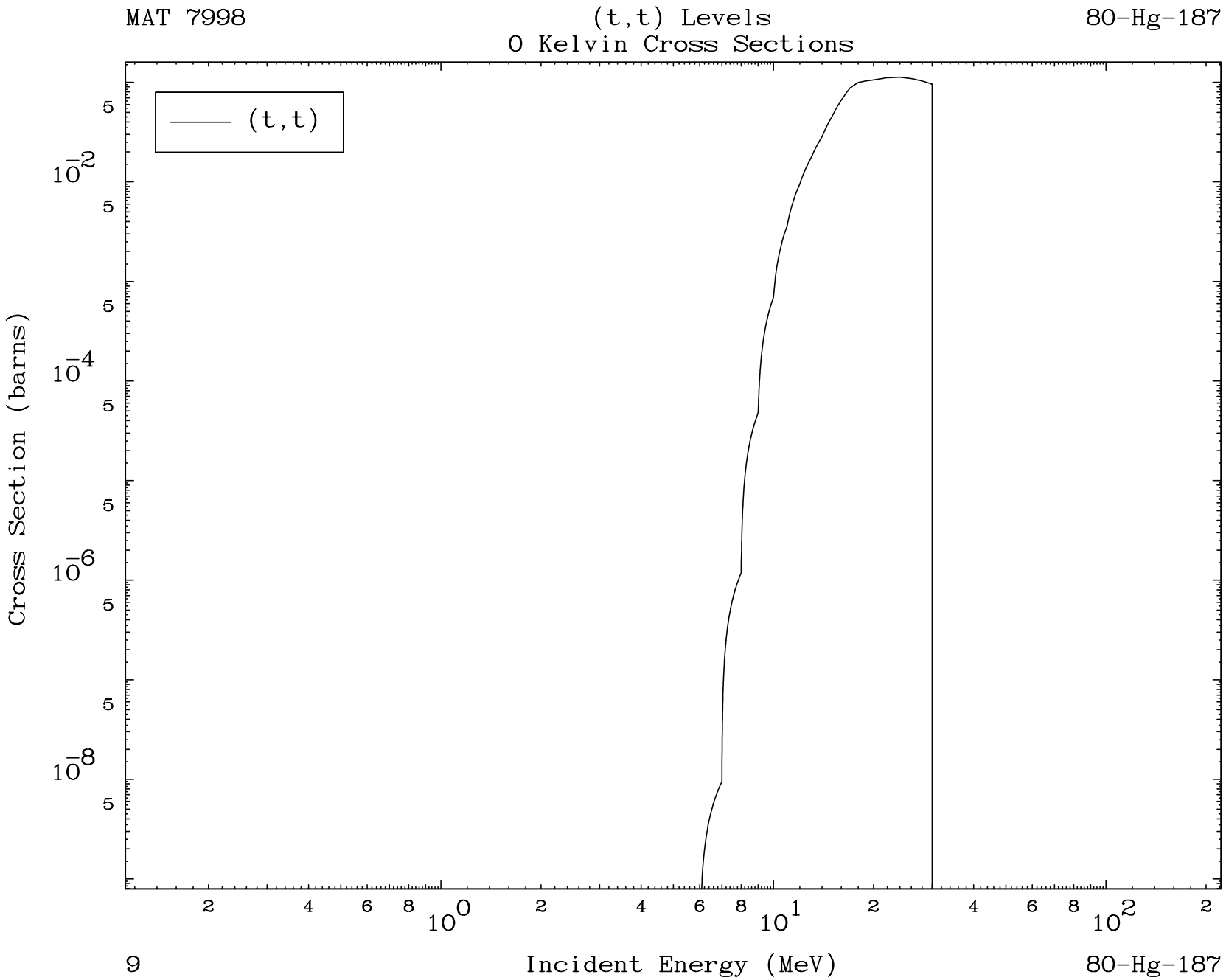

MAT 7998
Triton Charged Particle
0 Kelvin Cross Sections
80-Hg-187
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2α)
(t,3α)
(t,2p)
(t,p) α
(t,p) d
Cross Section (barns)
Incident Energy (MeV)
80-Hg-187

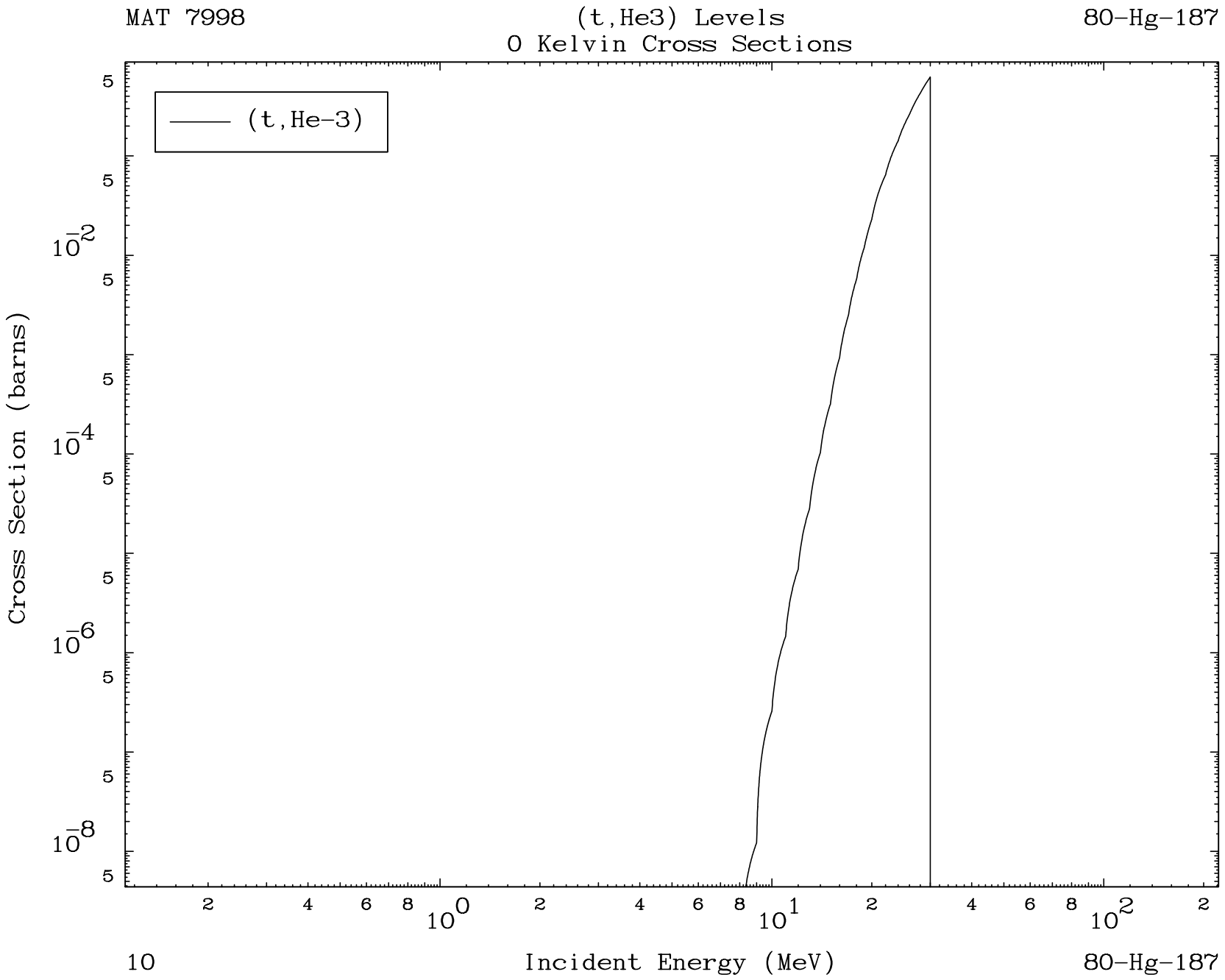

MAT 7998
(t,n') Level
80-Hg-187
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
6
80-Hg-187

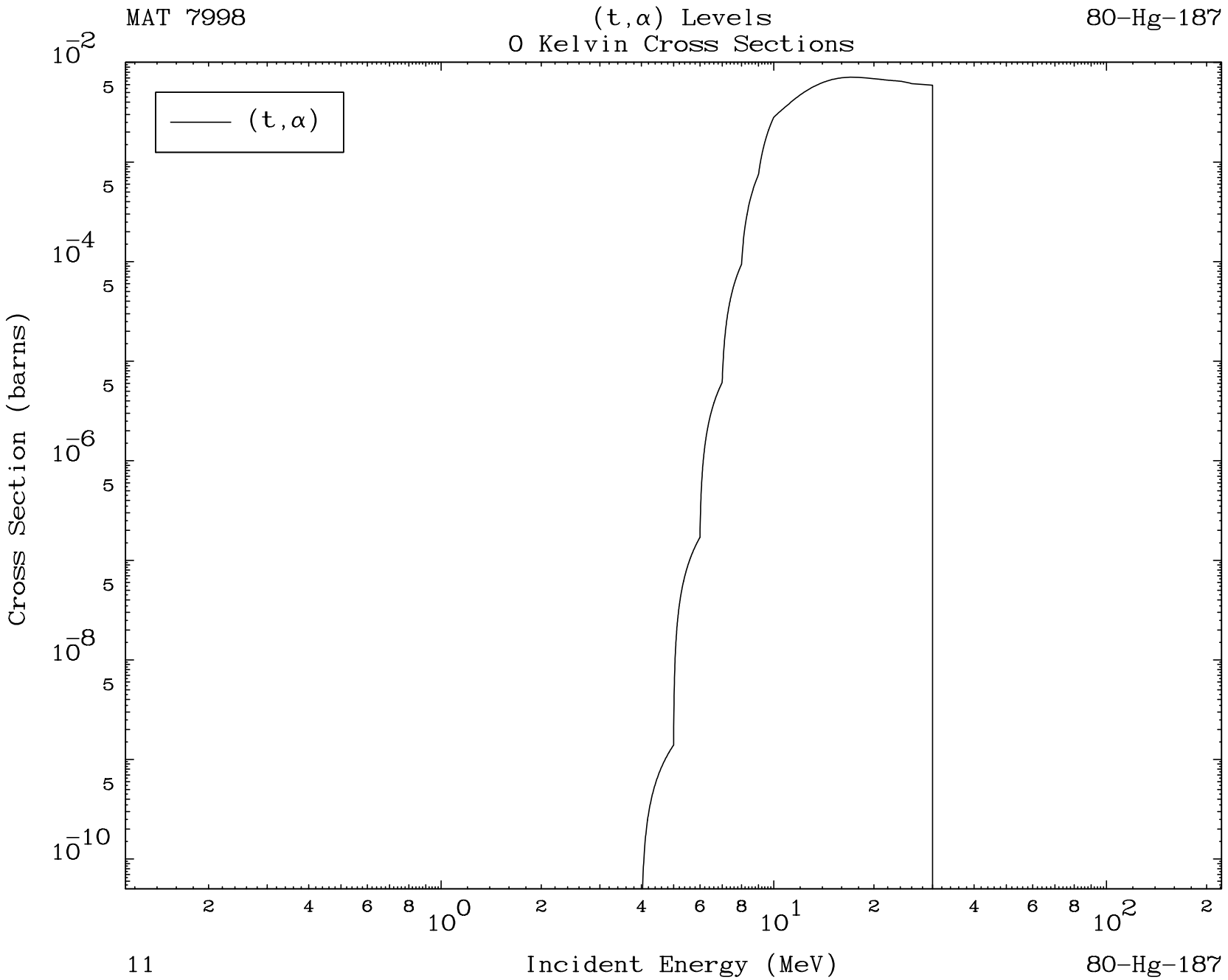

MAT 7998
(t,p) Levels
80-Hg-187
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
7
80-Hg-187

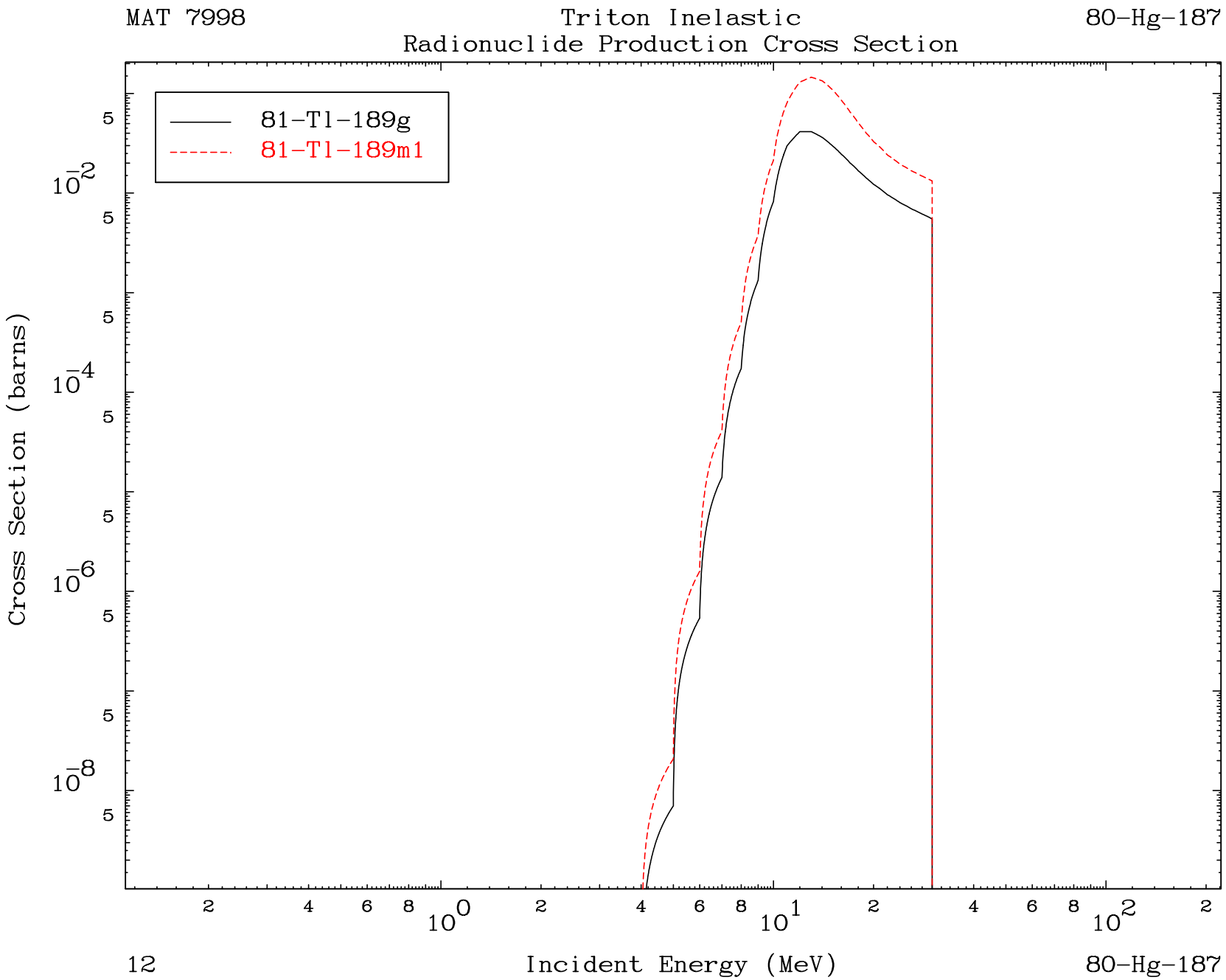
0 Kelvin Cross Sections

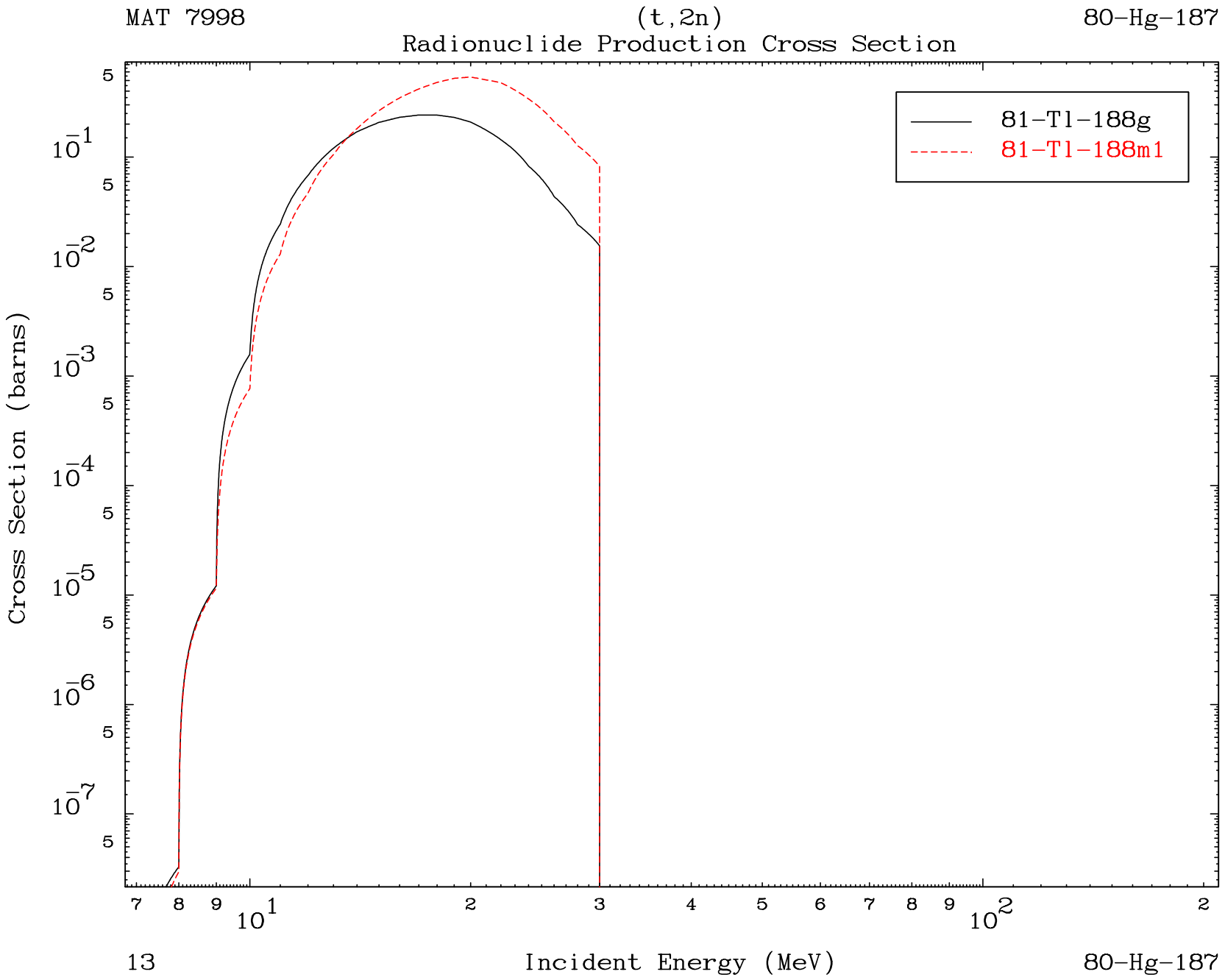


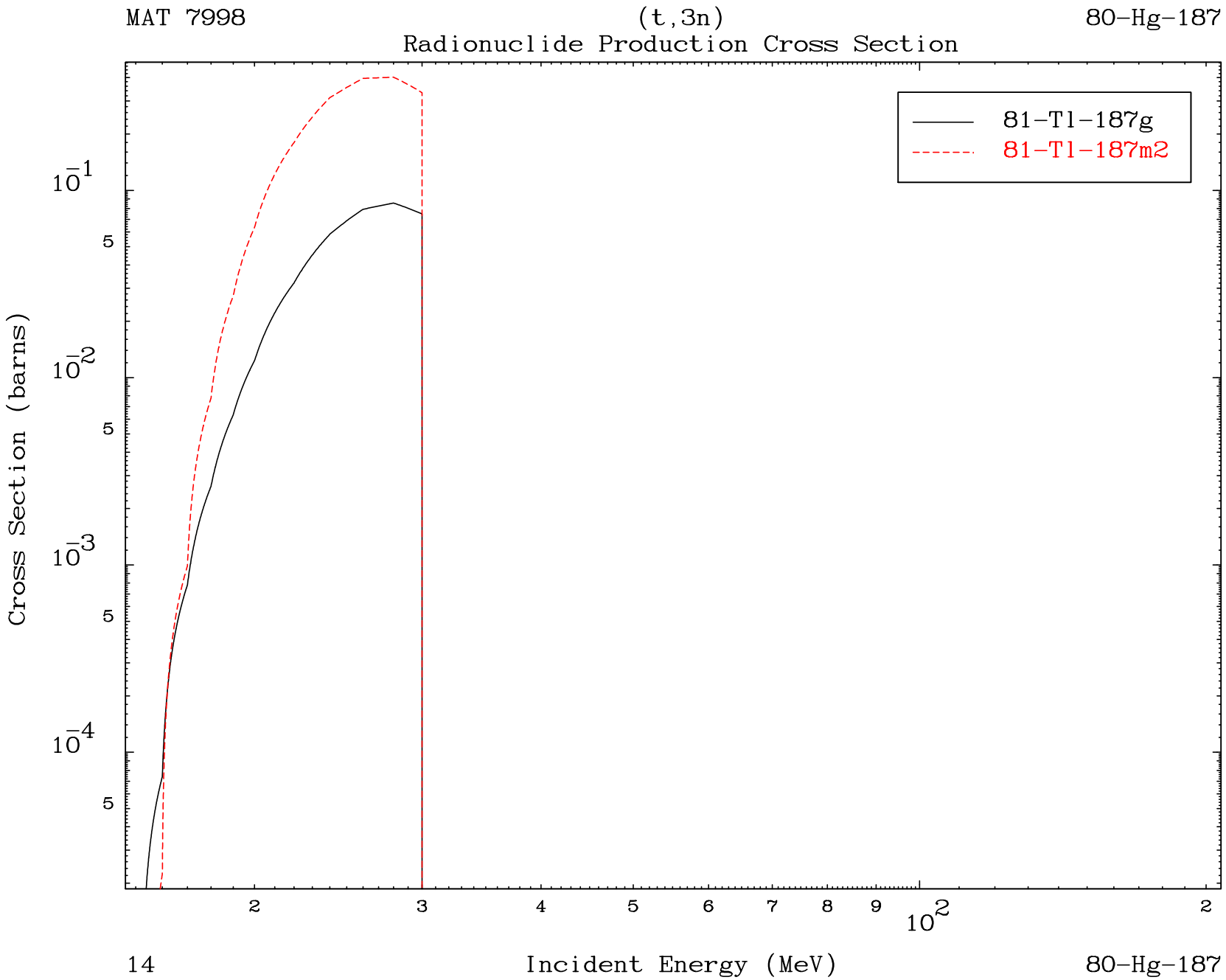

MAT 7998
(t,t) Levels
80-Hg-187
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
9
80-Hg-187

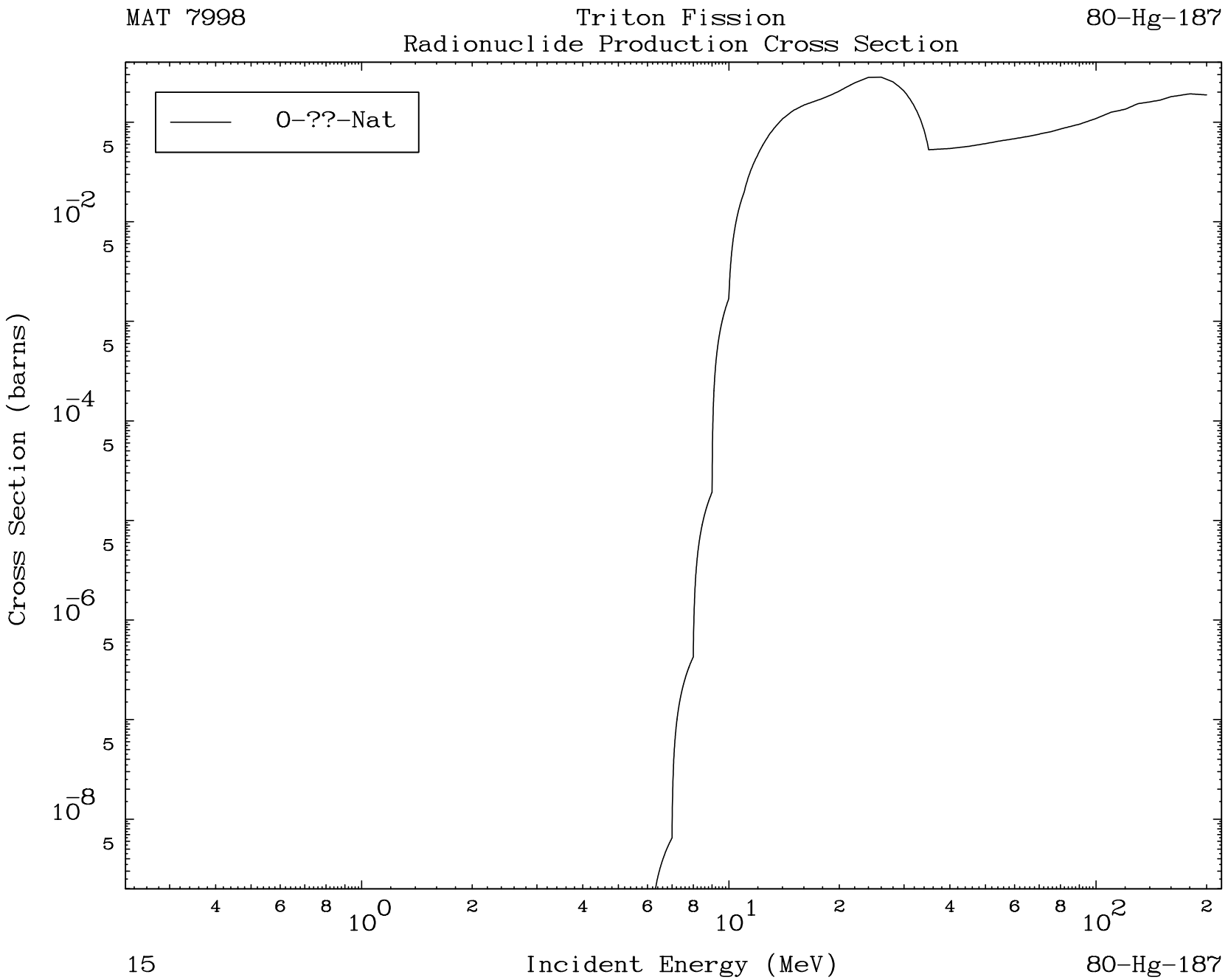

MAT 7998
(t,He3) Levels
80-Hg-187
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-187
10

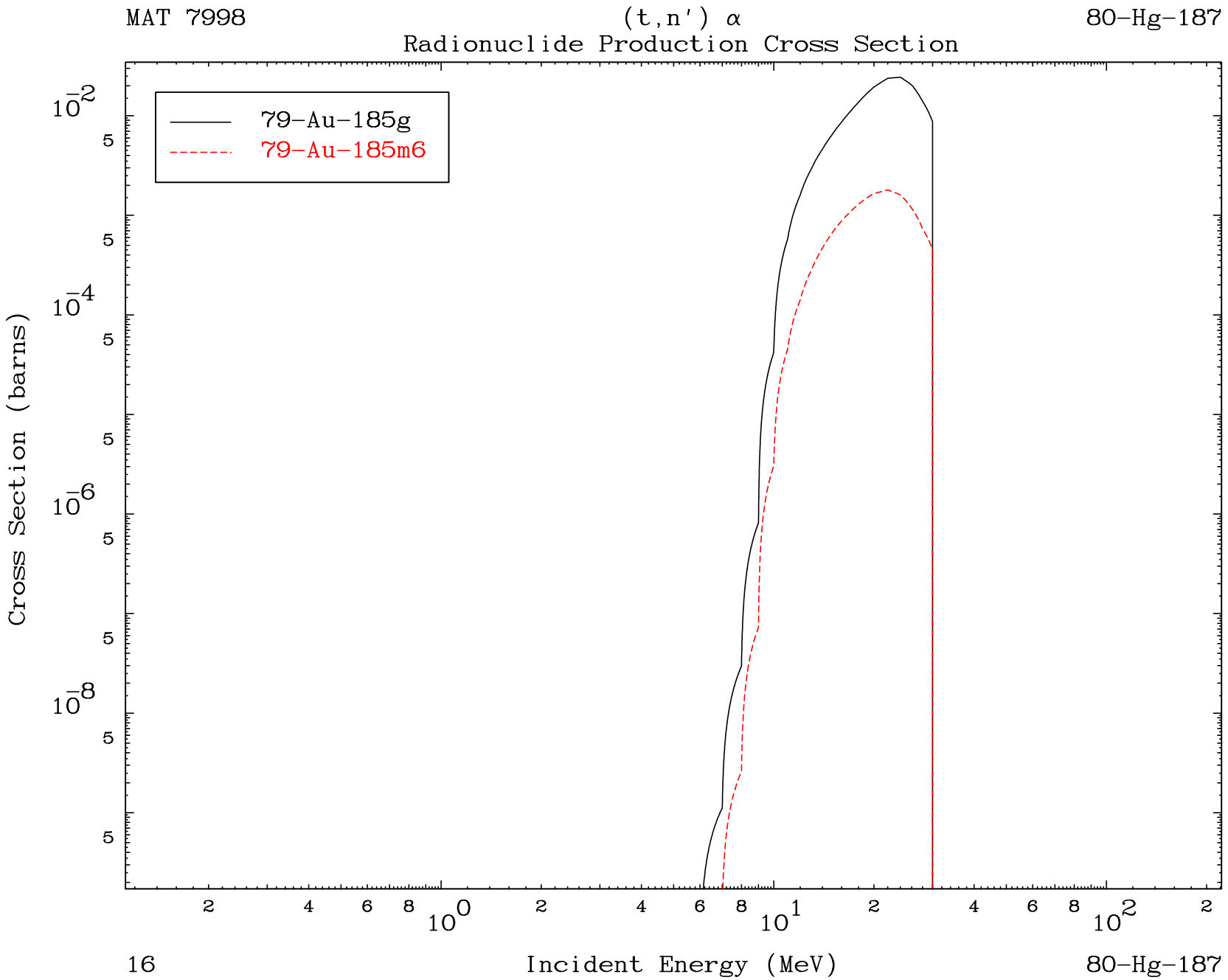

MAT 7998
(t,α) Levels
80-Hg-187
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
Incident Energy (MeV)
11
80-Hg-187

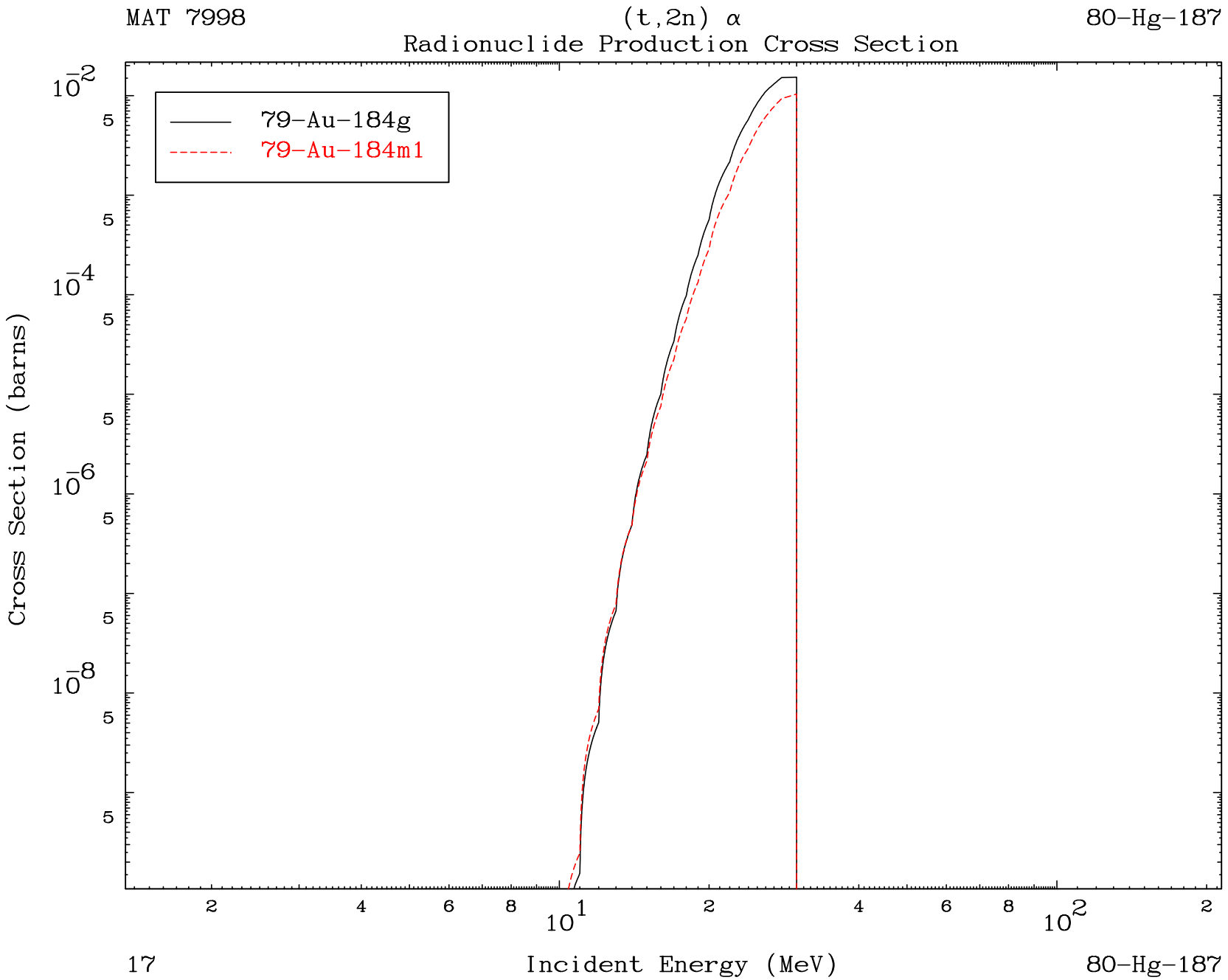

MAT 7998
Triton Inelastic
80-Hg-187
Radionuclide Production Cross Section
81-Tl-189g
81-Tl-189m1
Cross Section (barns)
Incident Energy (MeV)
12
80-Hg-187

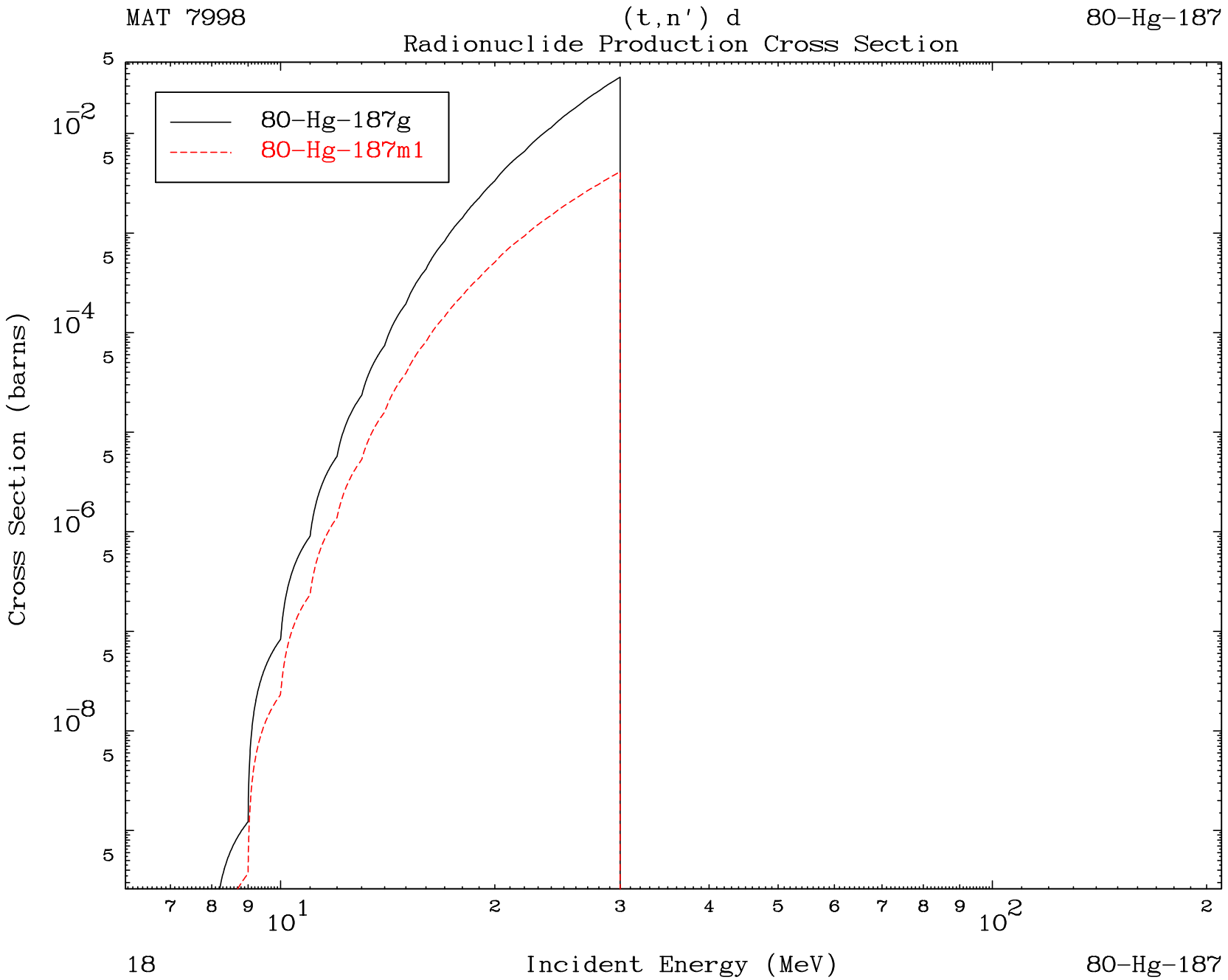

MAT 7998
(t,2n)
80-Hg-187
Radionuclide Production Cross Section
81-Tl-188g
81-Tl-188m1
Cross Section (barns)
Incident Energy (MeV)
13
80-Hg-187

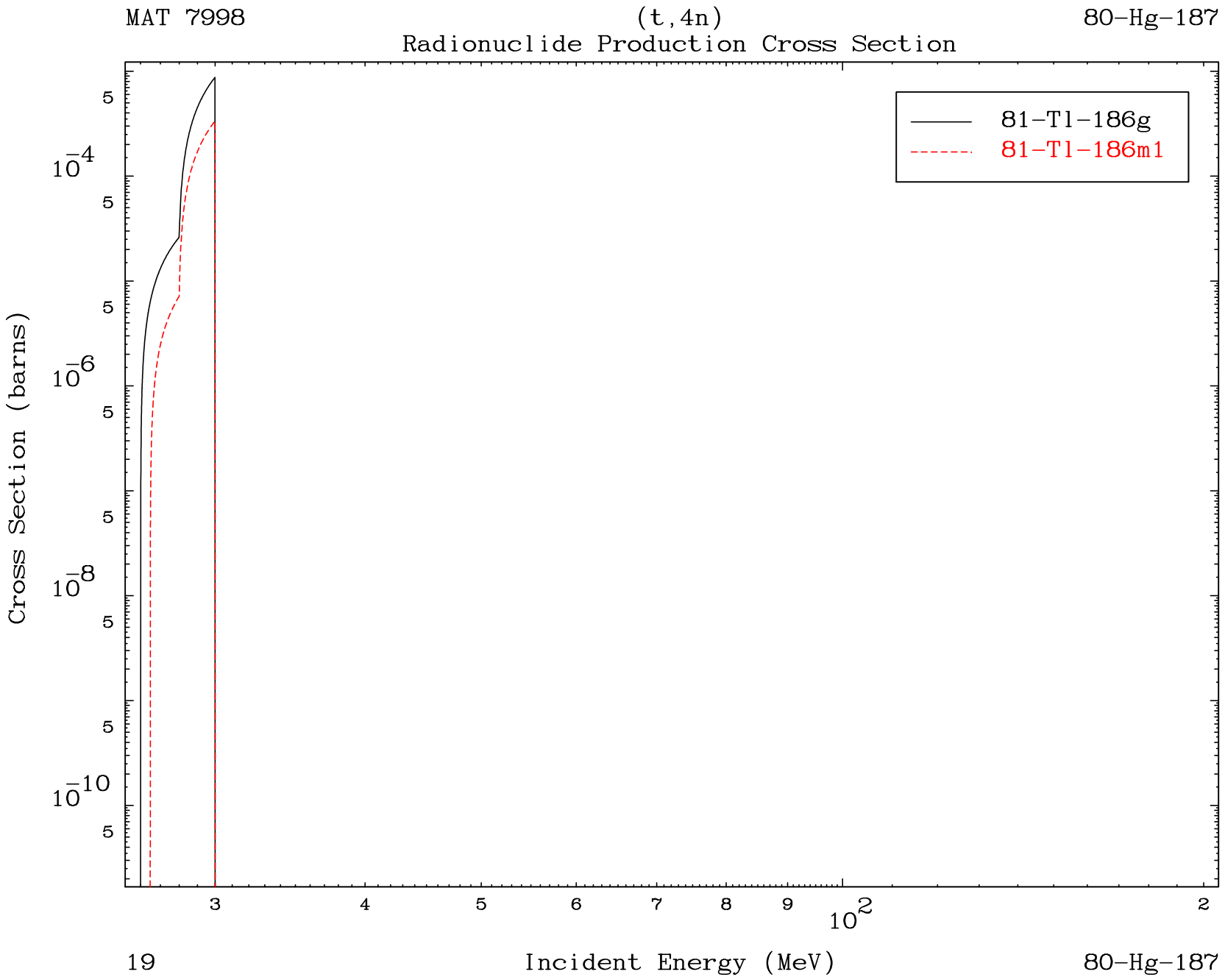

MAT 7998
(t,3n)
80-Hg-187
Radionuclide Production Cross Section
81-Tl-187g
81-Tl-187m2
Cross Section (barns)
10-1
5
10-2
5
10-3
5
10-4
5
2
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
80-Hg-187

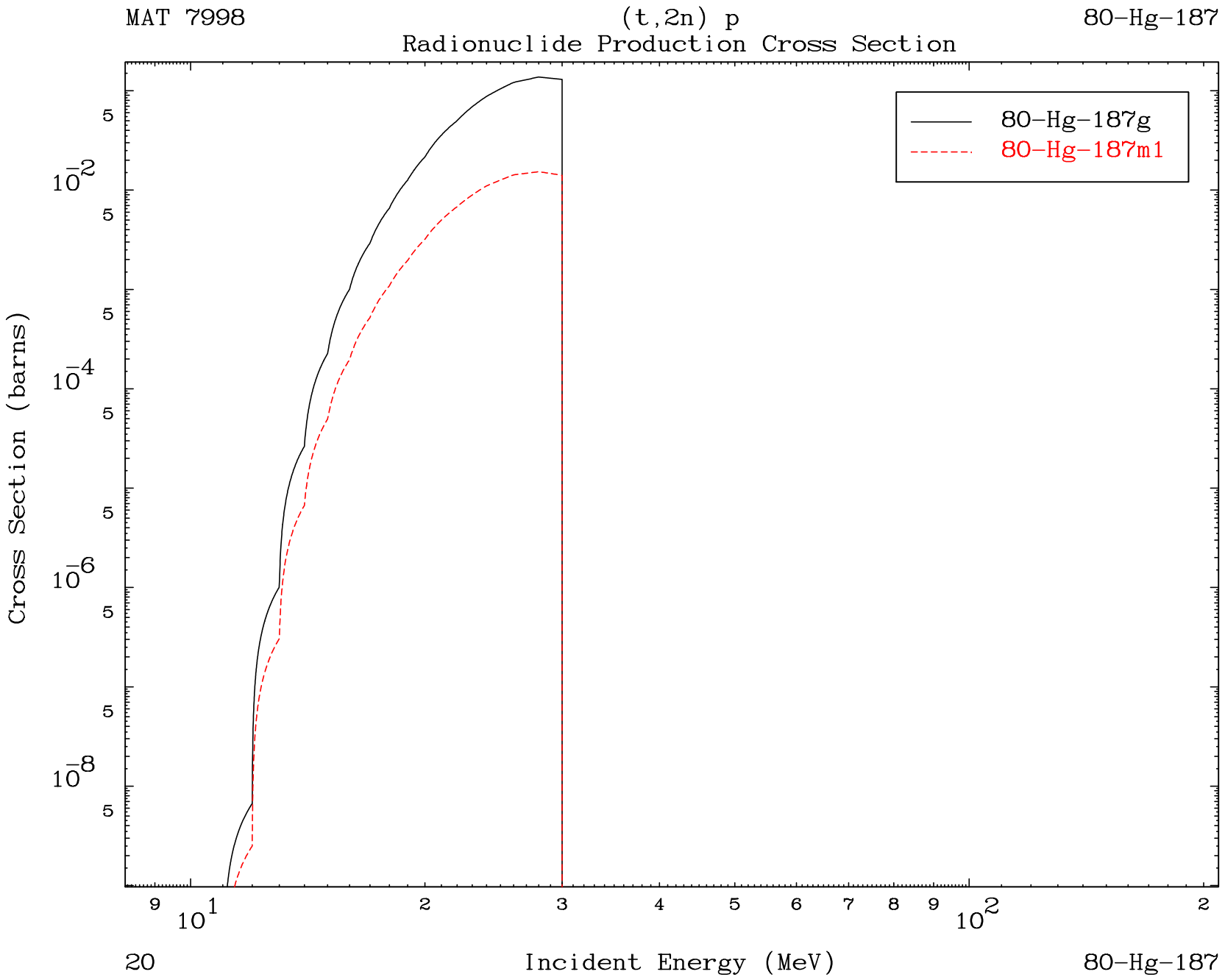

MAT 7998
Triton Fission
80-Hg-187
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
15
80-Hg-187

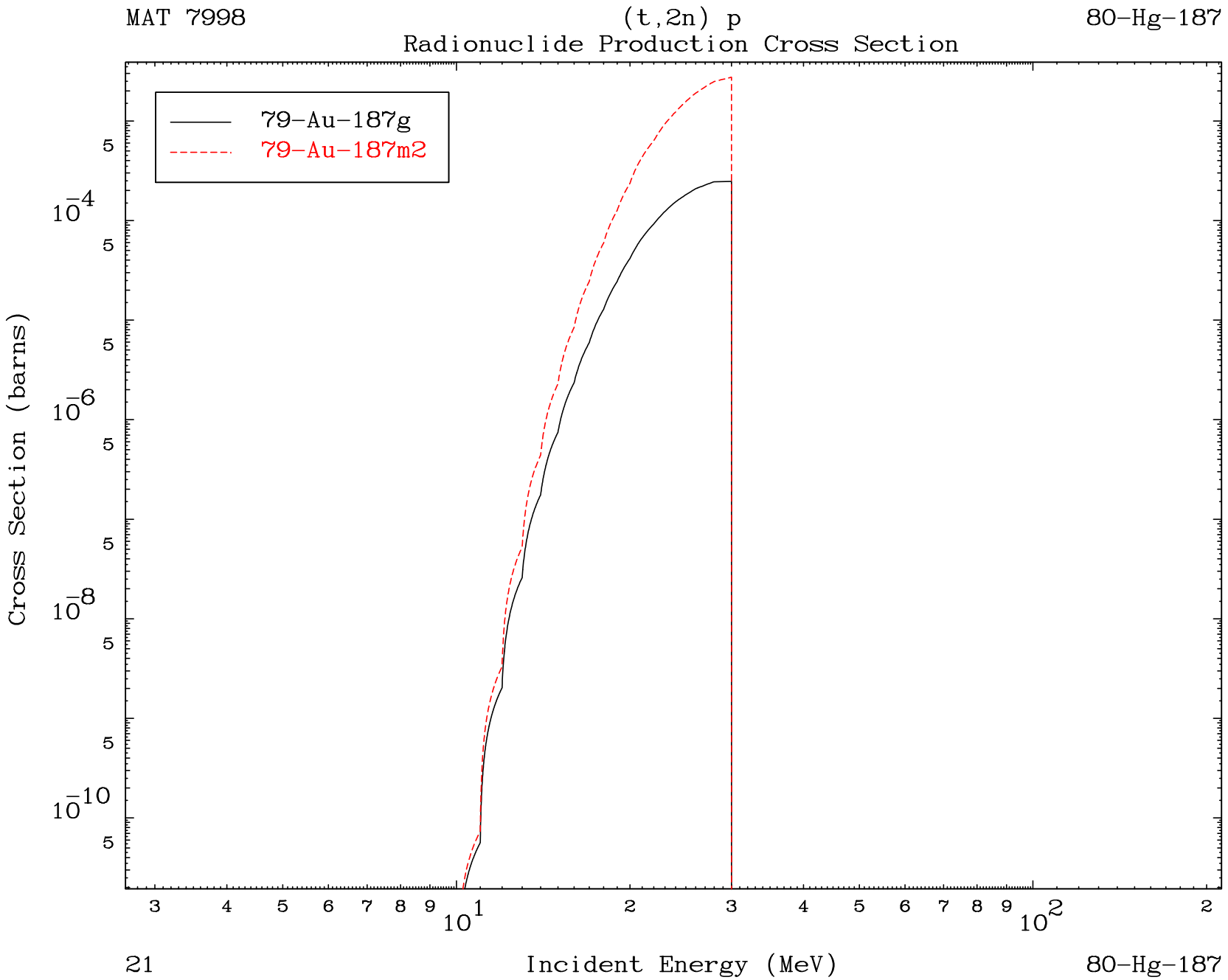

MAT 7998
(t,n') α
80-Hg-187
Radionuclide Production Cross Section
79-Au-185g
79-Au-185m6
Cross Section (barns)
Incident Energy (MeV)
16
80-Hg-187

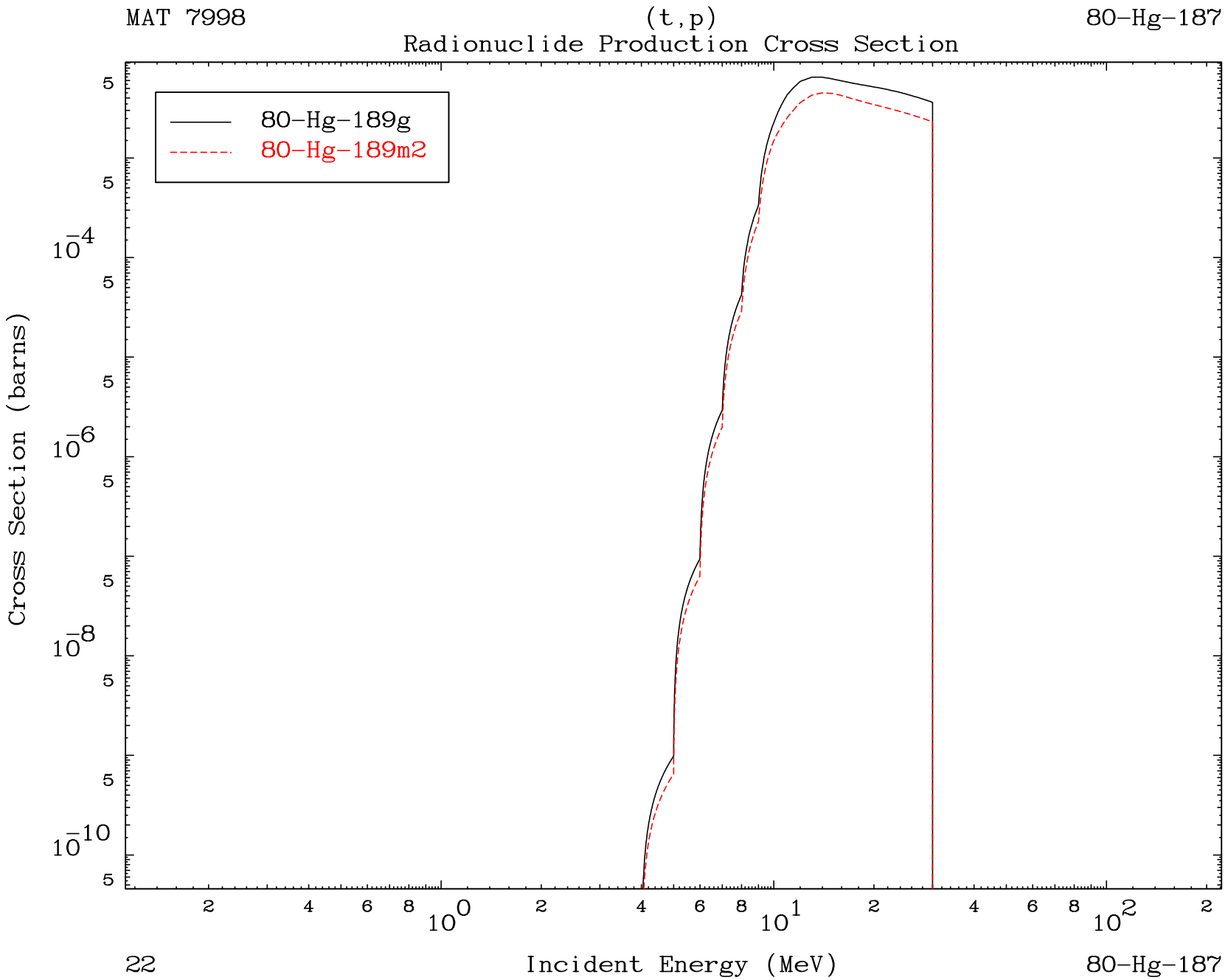

MAT 7998
(t,2n) α
80-Hg-187
Radionuclide Production Cross Section
79-Au-184g
79-Au-184m1
Cross Section (barns)
Incident Energy (MeV)
17
80-Hg-187

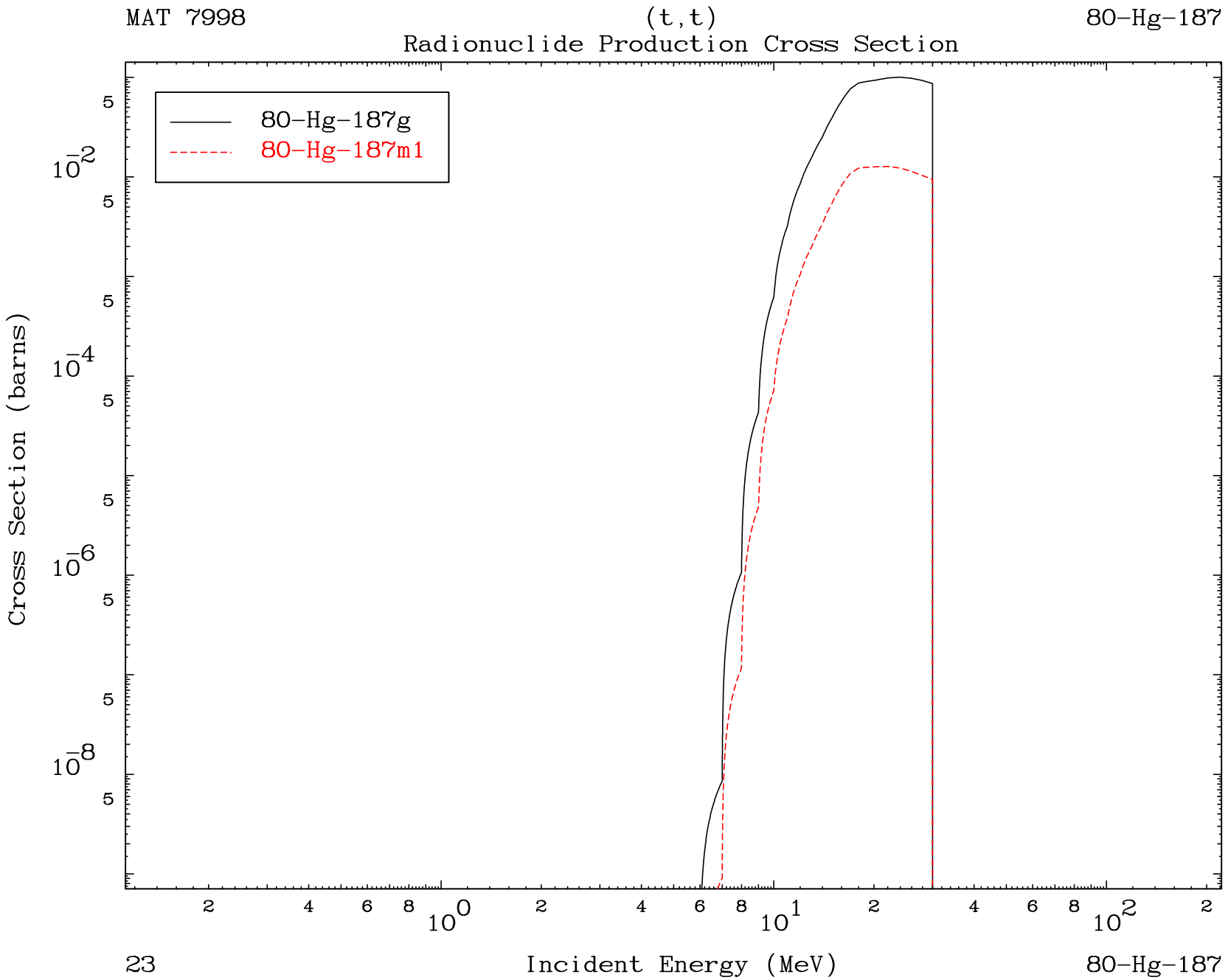

MAT 7998
(t,n') d
80-Hg-187
Radionuclide Production Cross Section
80-Hg-187g
80-Hg-187m1
Cross Section (barns)
Incident Energy (MeV)
18
80-Hg-187

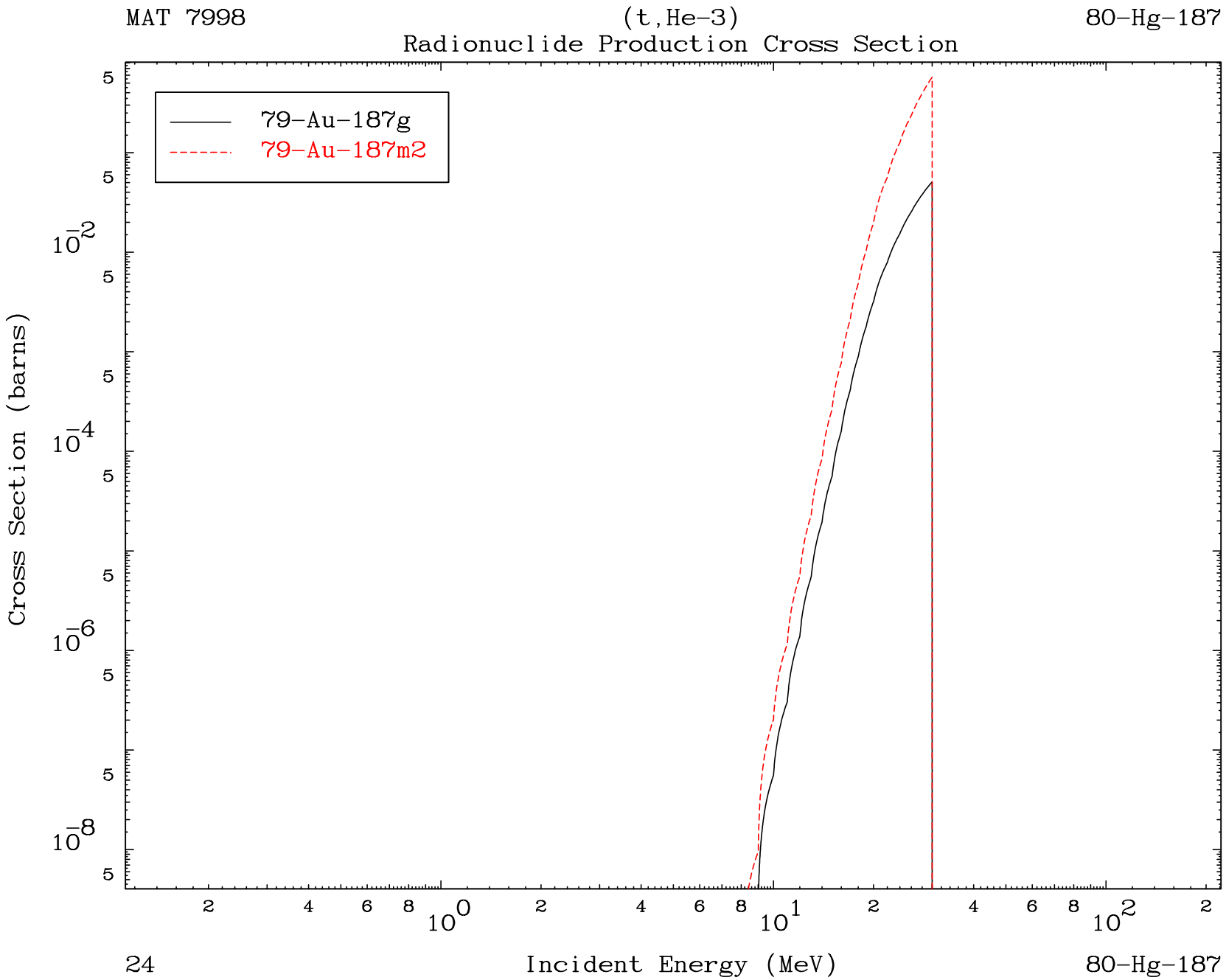

MAT 7998
(t,4n)
80-Hg-187
Radionuclide Production Cross Section
81-Tl-186g
81-Tl-186m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
3
4
5
6
7
8
9
10 2
2
19
Incident Energy (MeV)
80-Hg-187

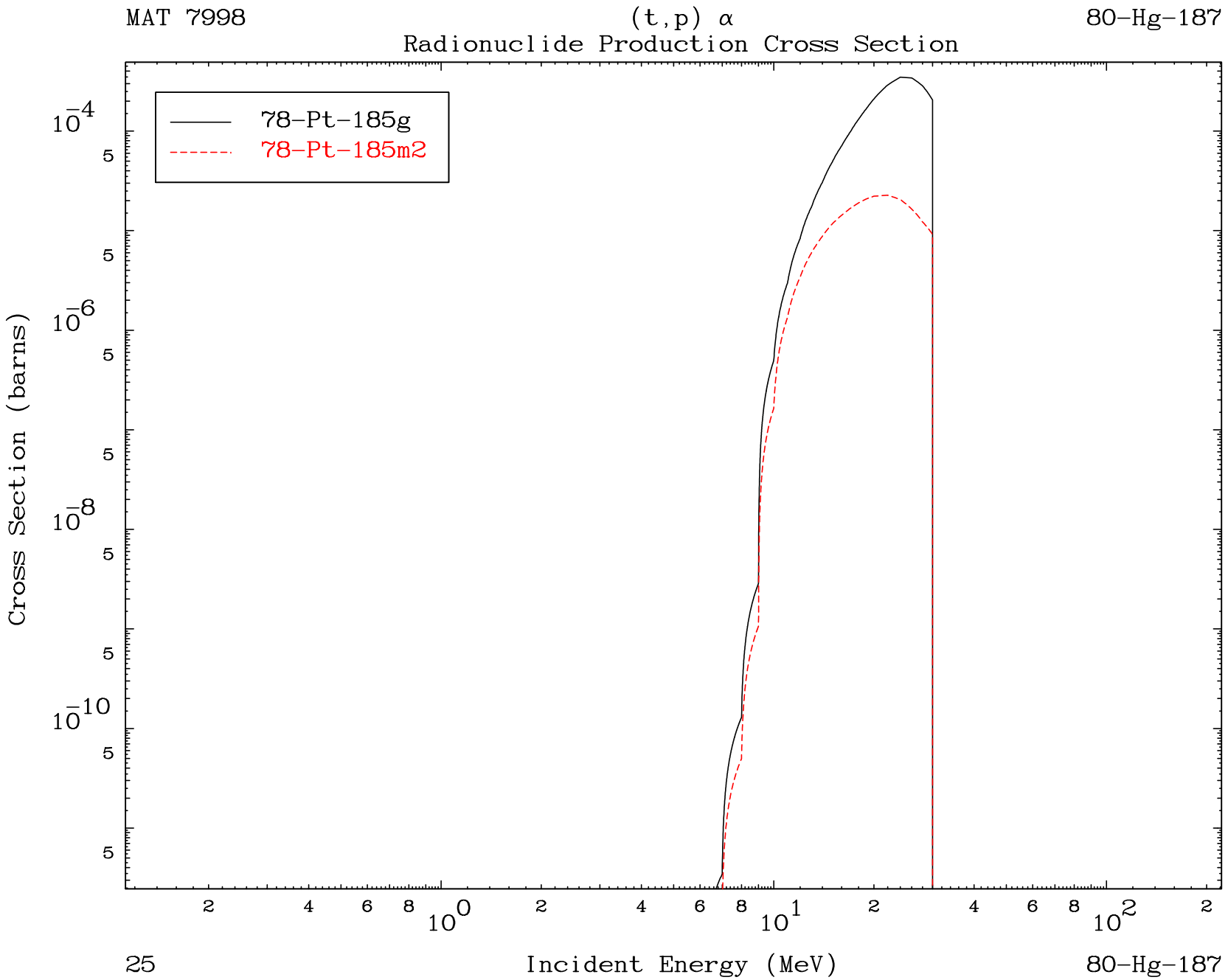

MAT 7998
(t,2n) p
80-Hg-187
Radionuclide Production Cross Section
80-Hg-187g
80-Hg-187m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
9
101
2
3
4
5
6
7
8
9
102
2
20
Incident Energy (MeV)
80-Hg-187

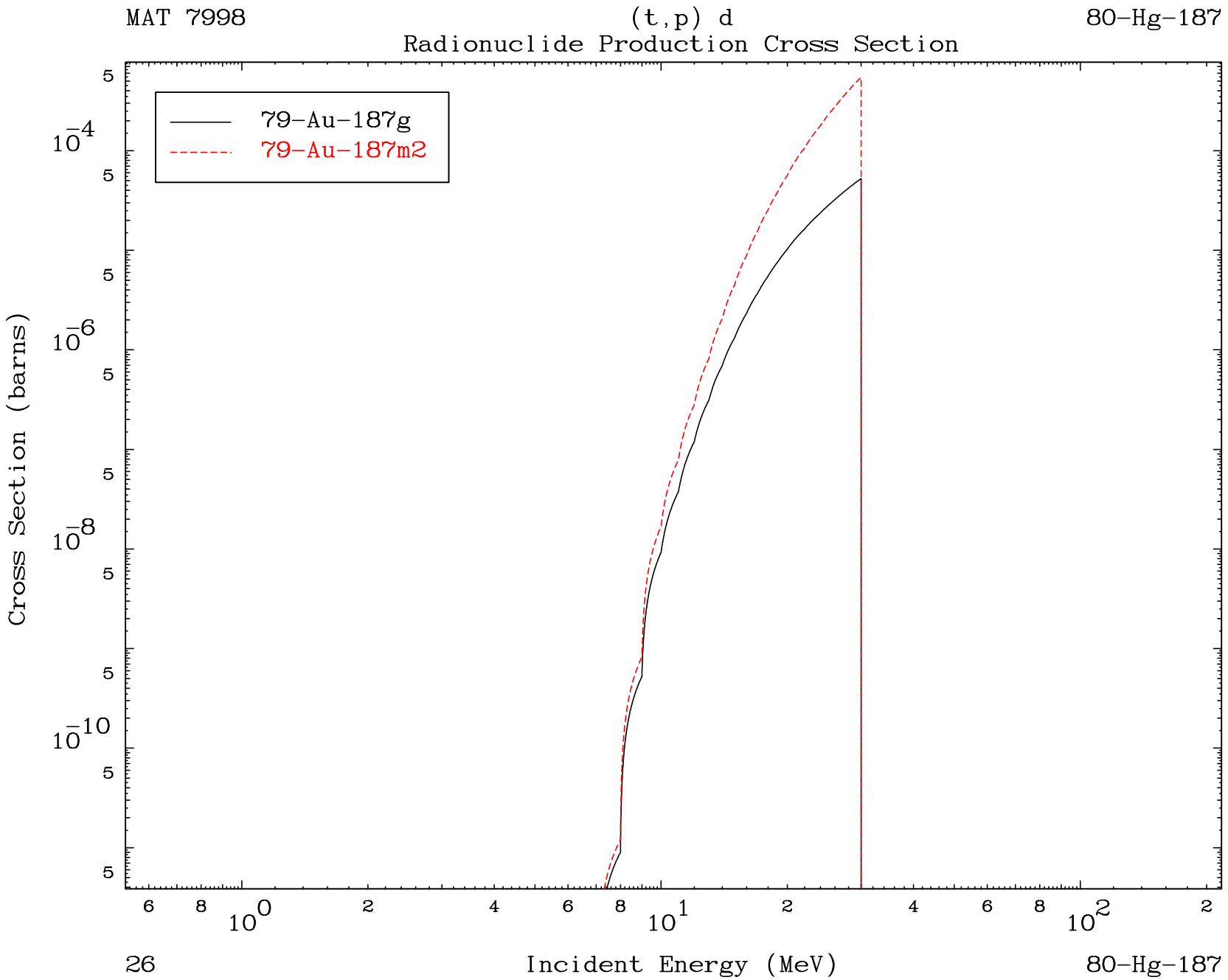

MAT 7998
(t,2n) p
80-Hg-187
Radionuclide Production Cross Section
79-Au-187g
79-Au-187m2
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
21
80-Hg-187


MAT 7998
(t,p)
80-Hg-187
Radionuclide Production Cross Section
80-Hg-189g
80-Hg-189m2
Cross Section (barns)
Incident Energy (MeV)
22
80-Hg-187


MAT 7998
(t,t)
80-Hg-187
Radionuclide Production Cross Section
80-Hg-187g
80-Hg-187m1
Cross Section (barns)
Incident Energy (MeV)
23
80-Hg-187


MAT 7998
(t,He-3)
80-Hg-187
Radionuclide Production Cross Section
79-Au-187g
79-Au-187m2
Cross Section (barns)
Incident Energy (MeV)
24
80-Hg-187


MAT 7998
(t,p) α
80-Hg-187
Radionuclide Production Cross Section
78-Pt-185g
78-Pt-185m2
Cross Section (barns)
Incident Energy (MeV)
25
80-Hg-187


MAT 7998
(t,p) d
80-Hg-187
Radionuclide Production Cross Section
79-Au-187g
79-Au-187m2
Cross Section (barns)
Incident Energy (MeV)
26
80-Hg-187