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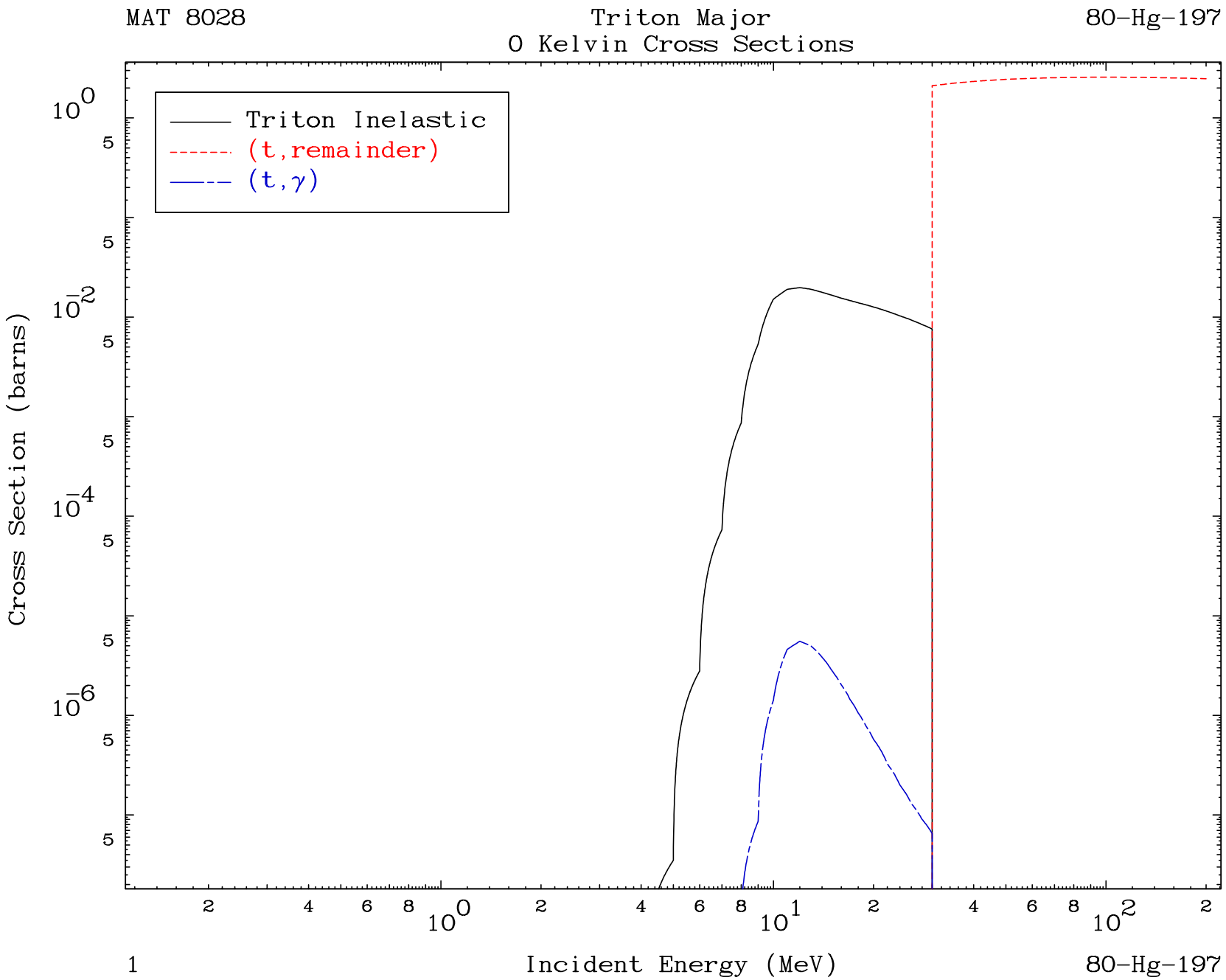
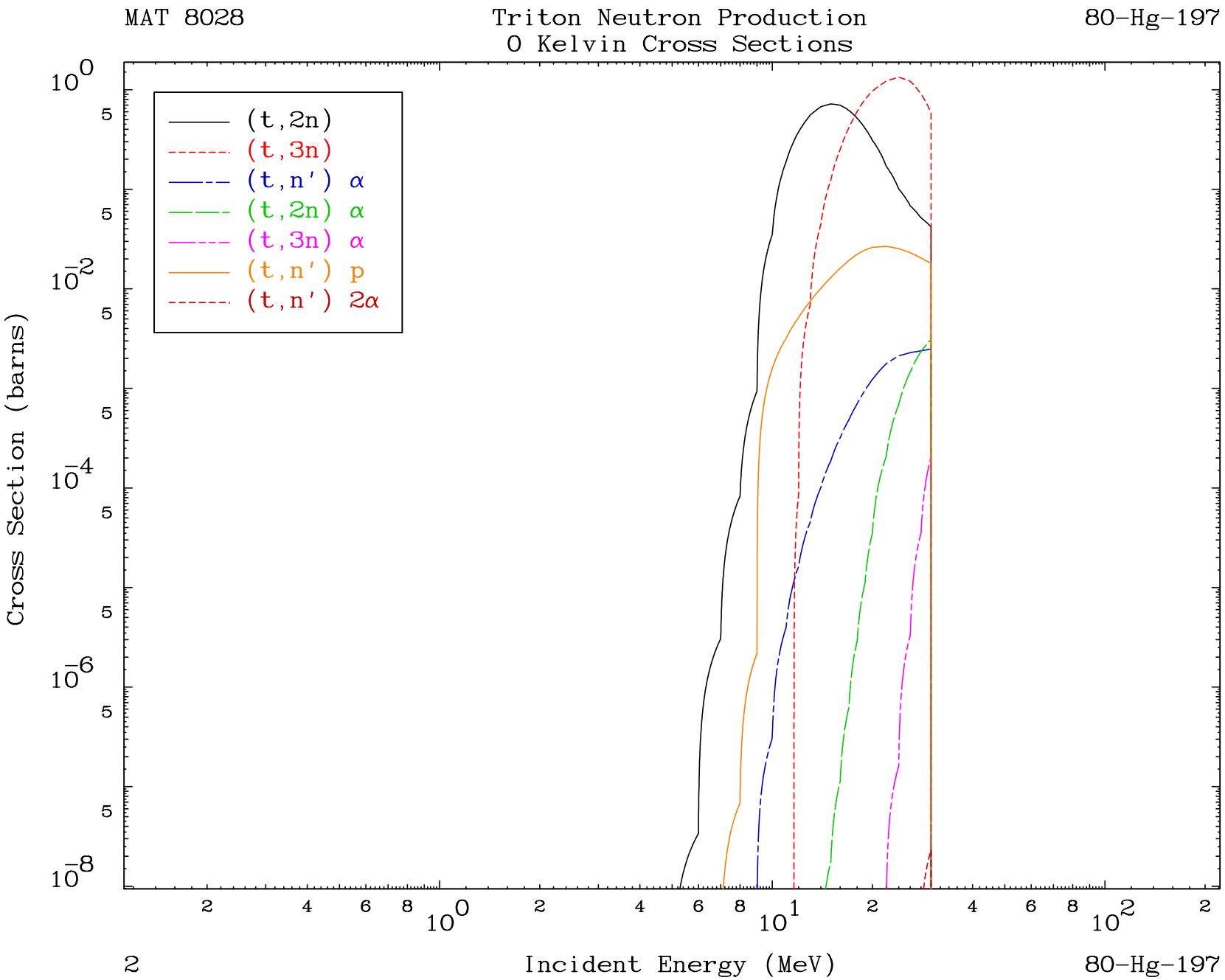
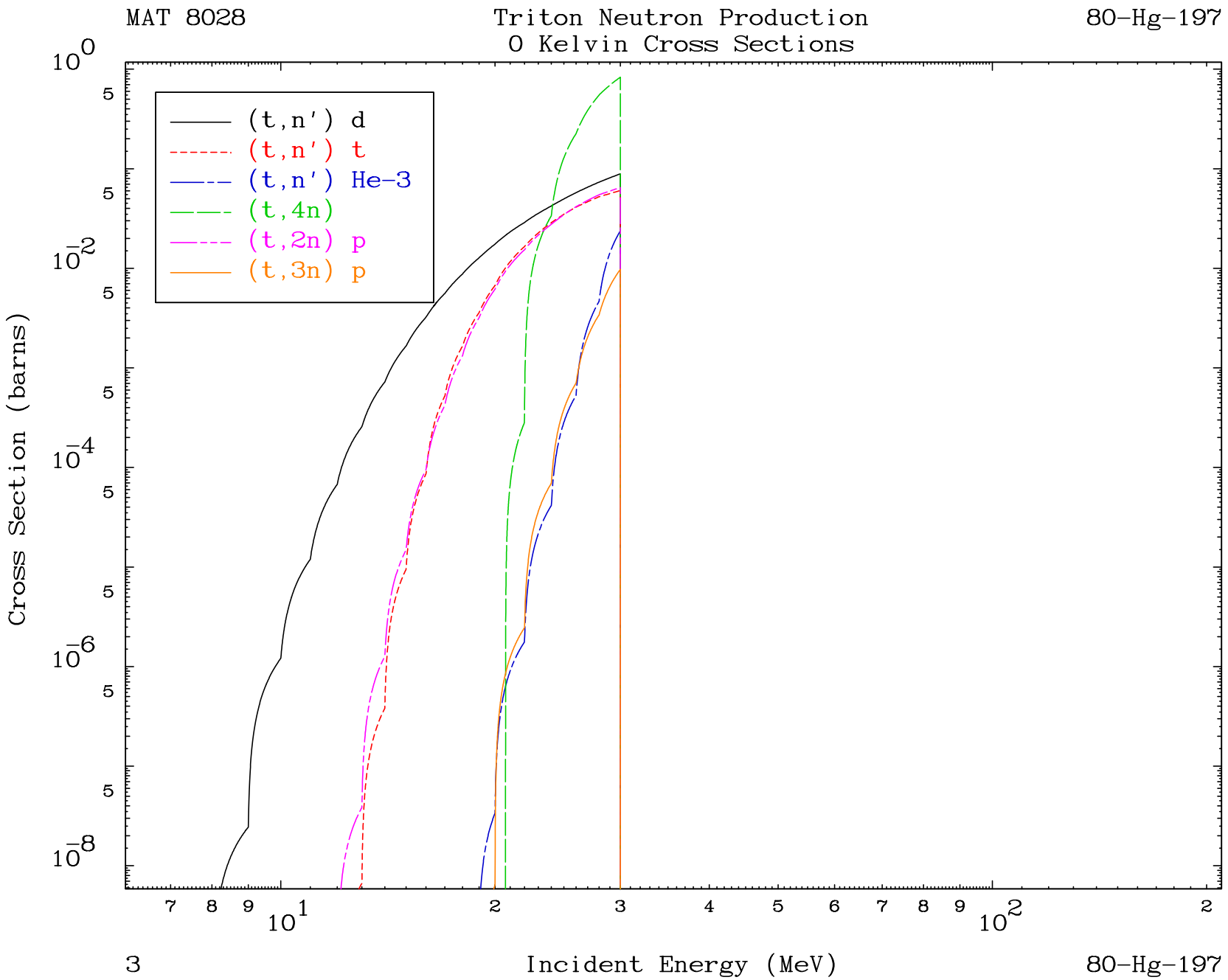
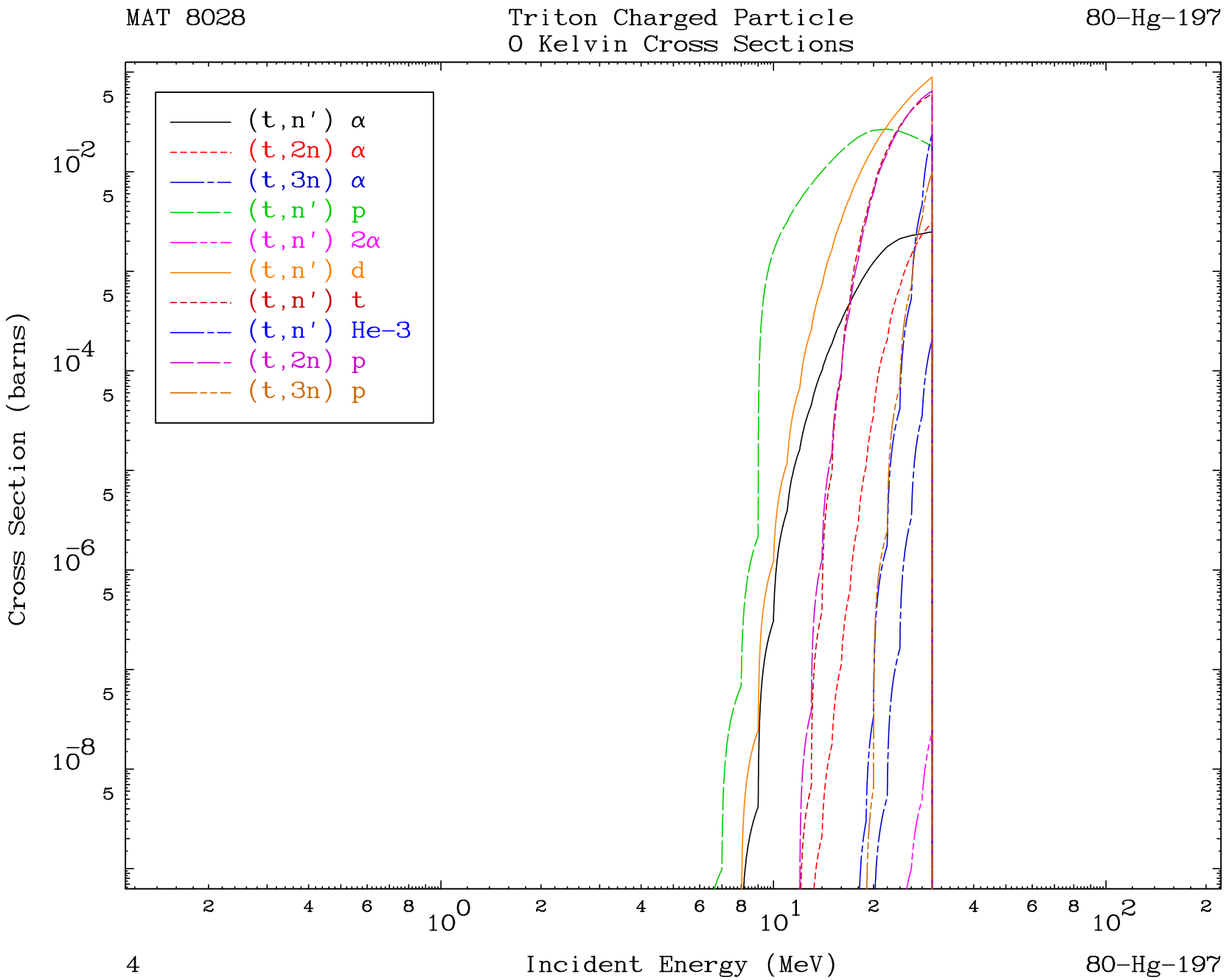
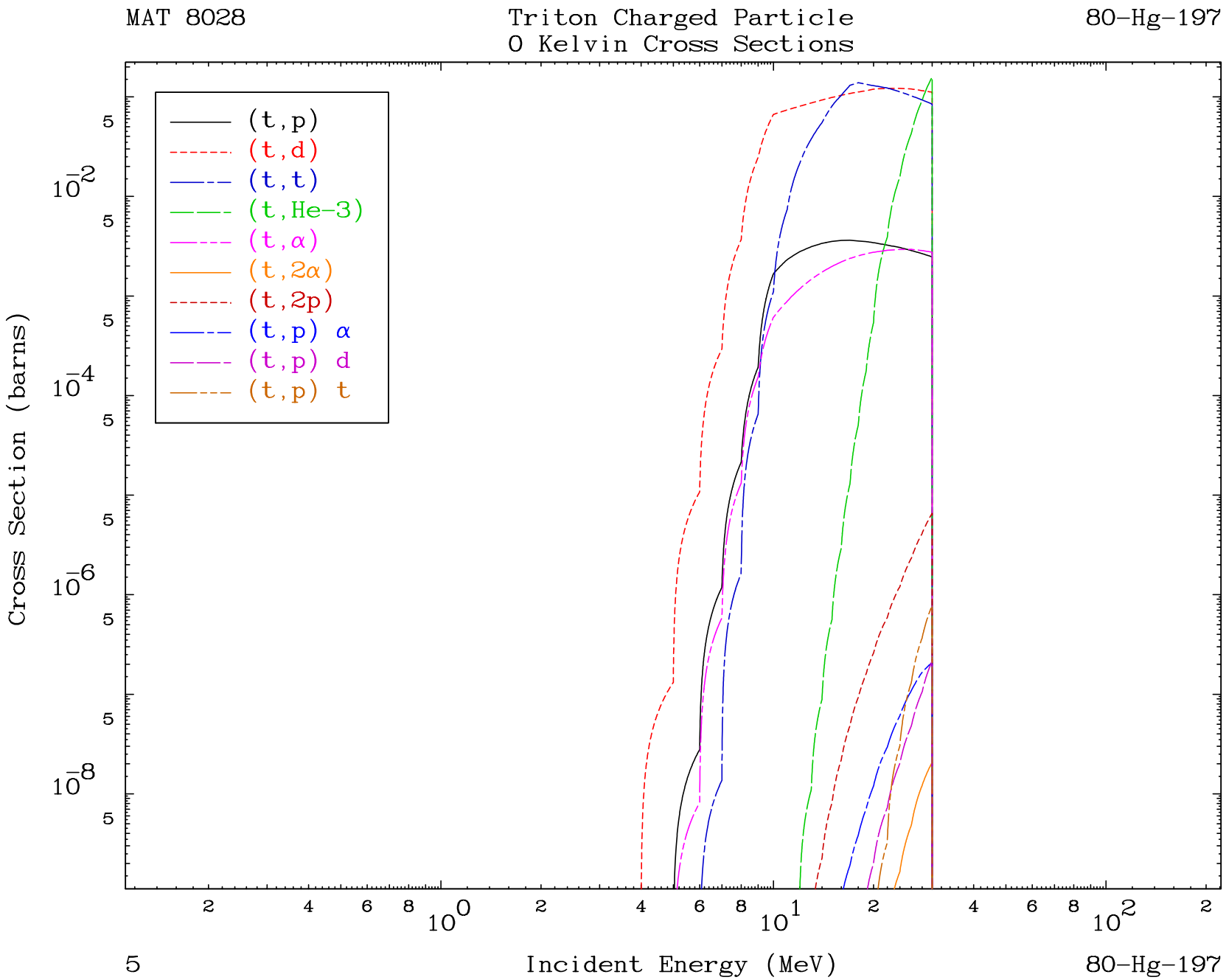
Press Mouse Button to Start

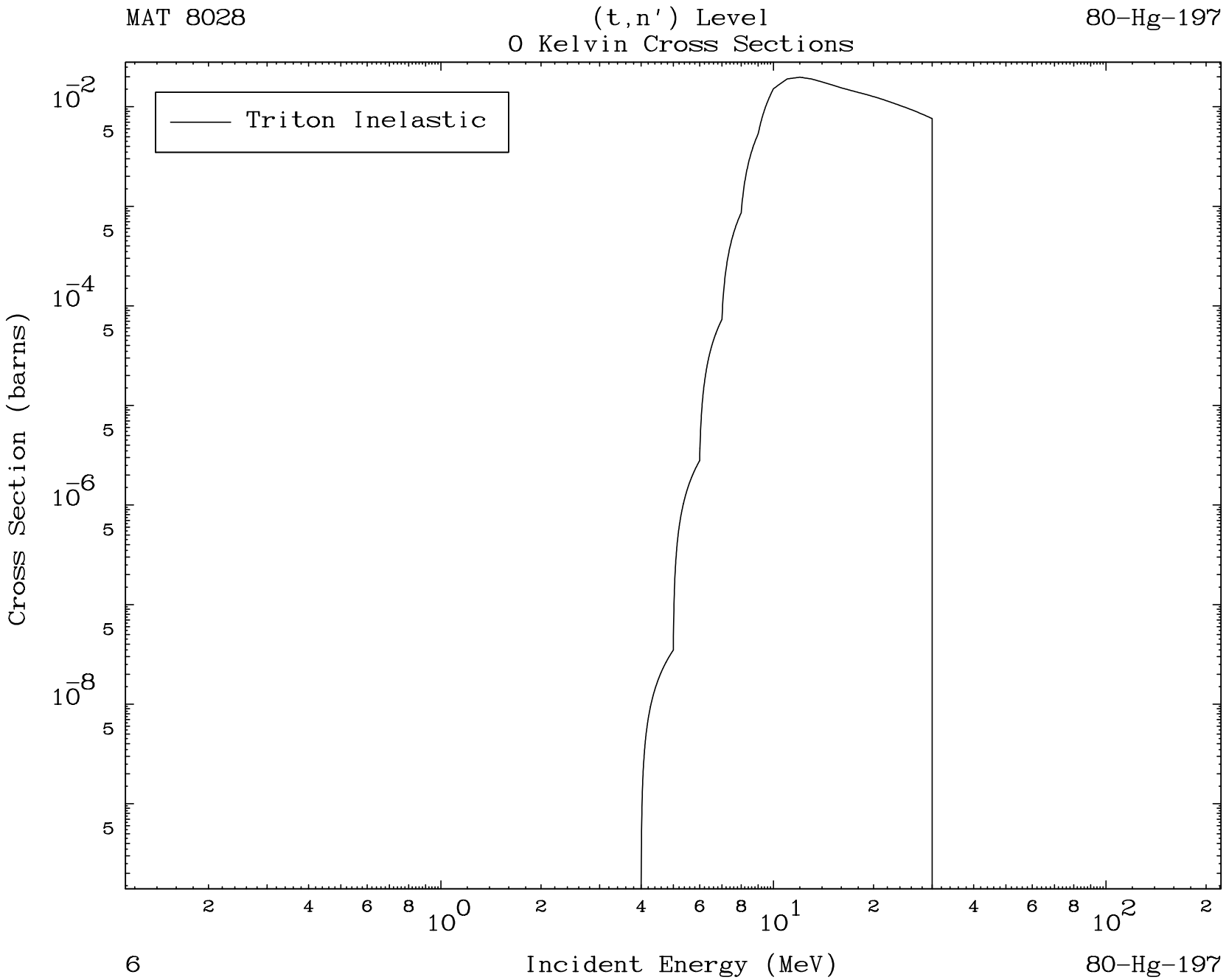

MAT 8028
Triton Major
80-Hg-197
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-197
1

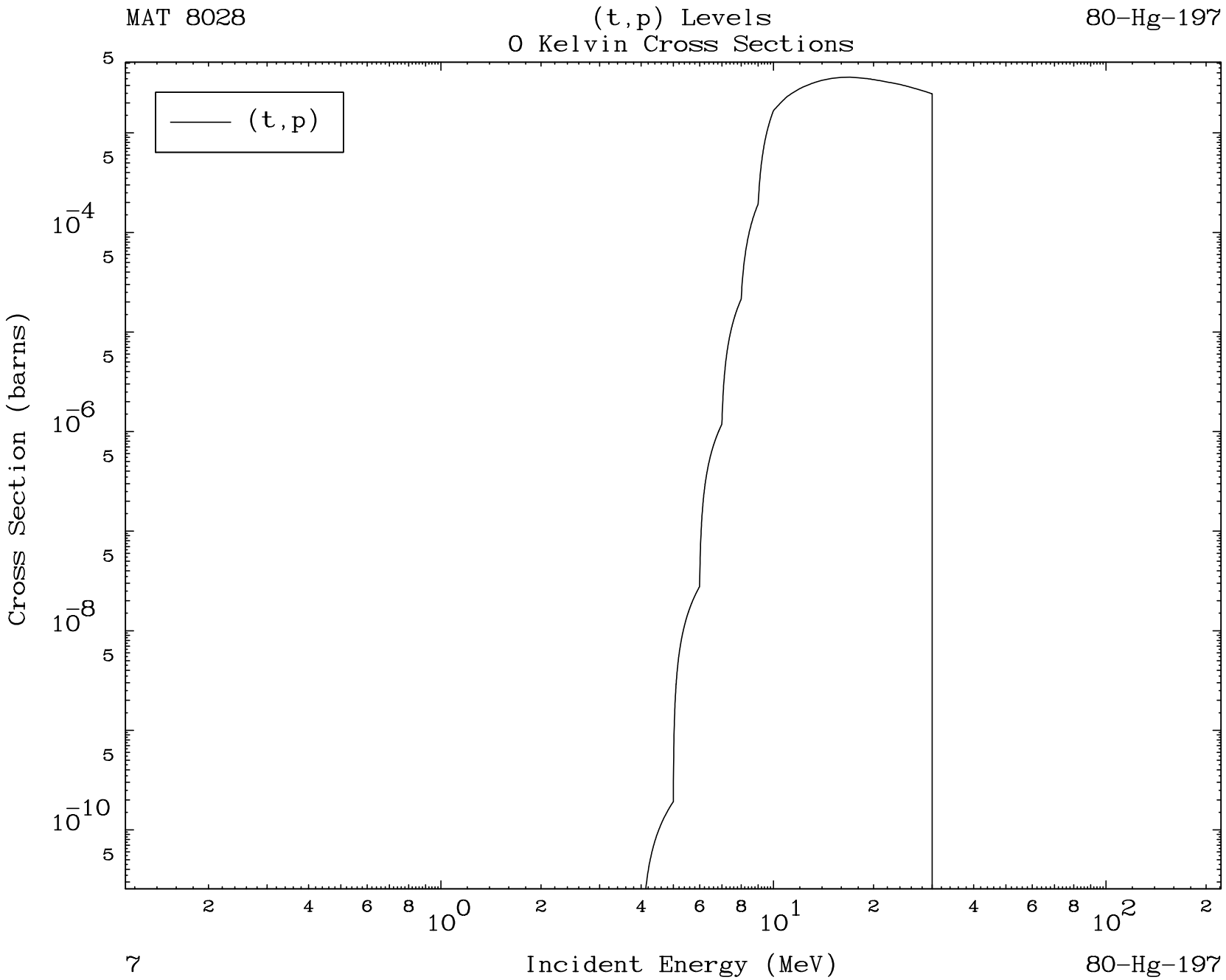

MAT 8028
Triton Neutron Production
0 Kelvin Cross Sections
80-Hg-197
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
Cross Section (barns)
Incident Energy (MeV)
80-Hg-197
2

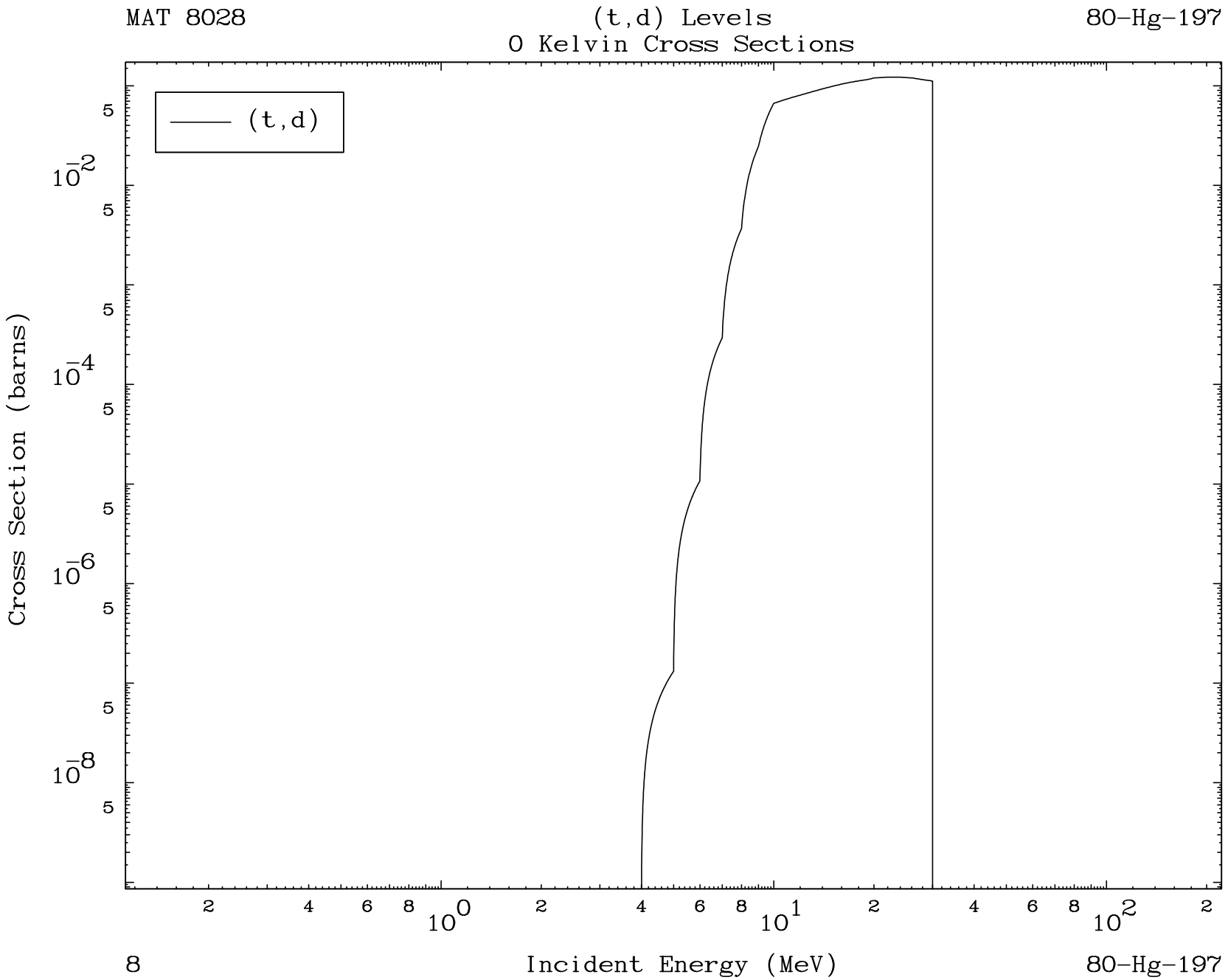

MAT 8028
Triton Neutron Production
0 Kelvin Cross Sections
80-Hg-197
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
80-Hg-197

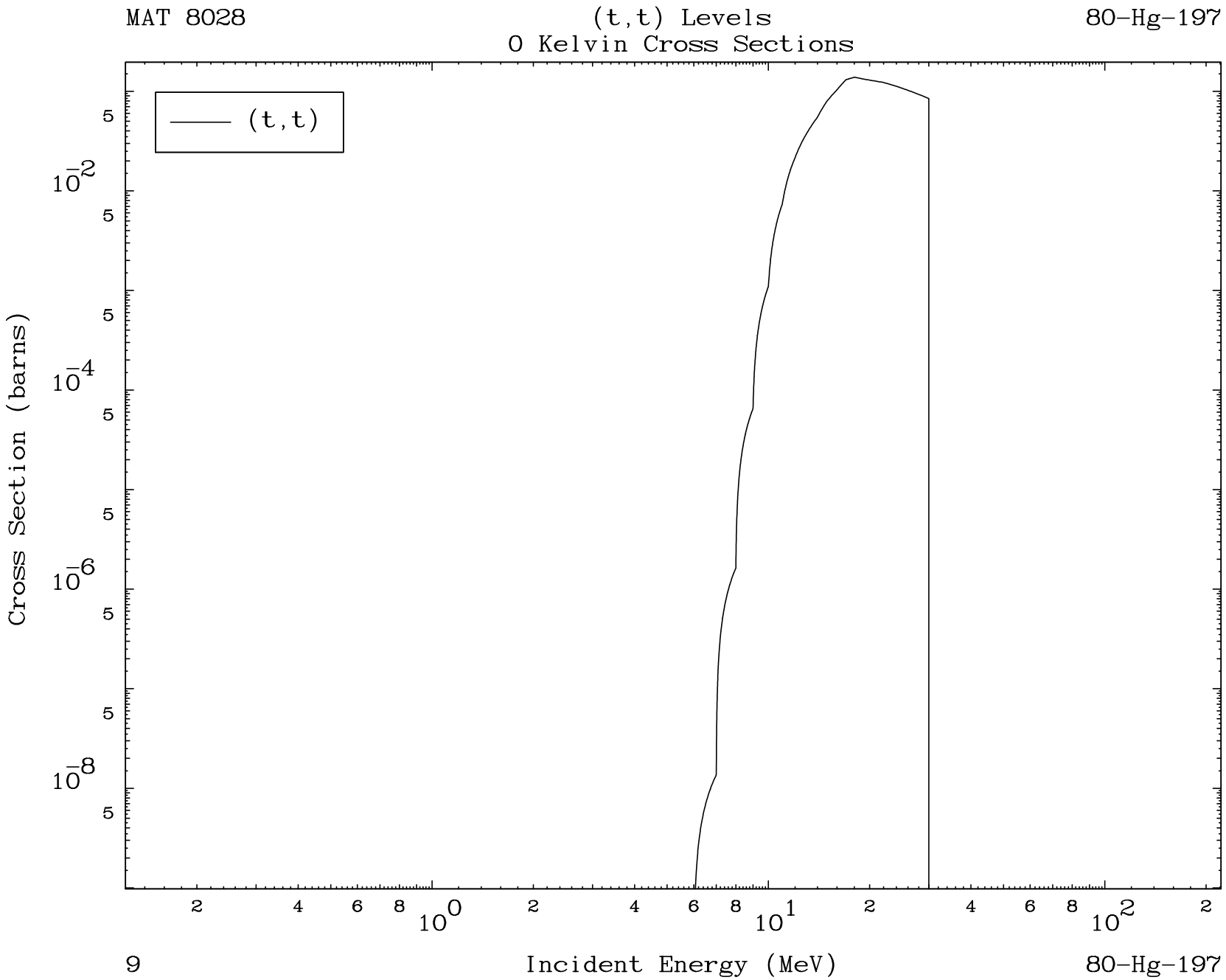

MAT 8028
Triton Charged Particle
0 Kelvin Cross Sections
80-Hg-197
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
80-Hg-197

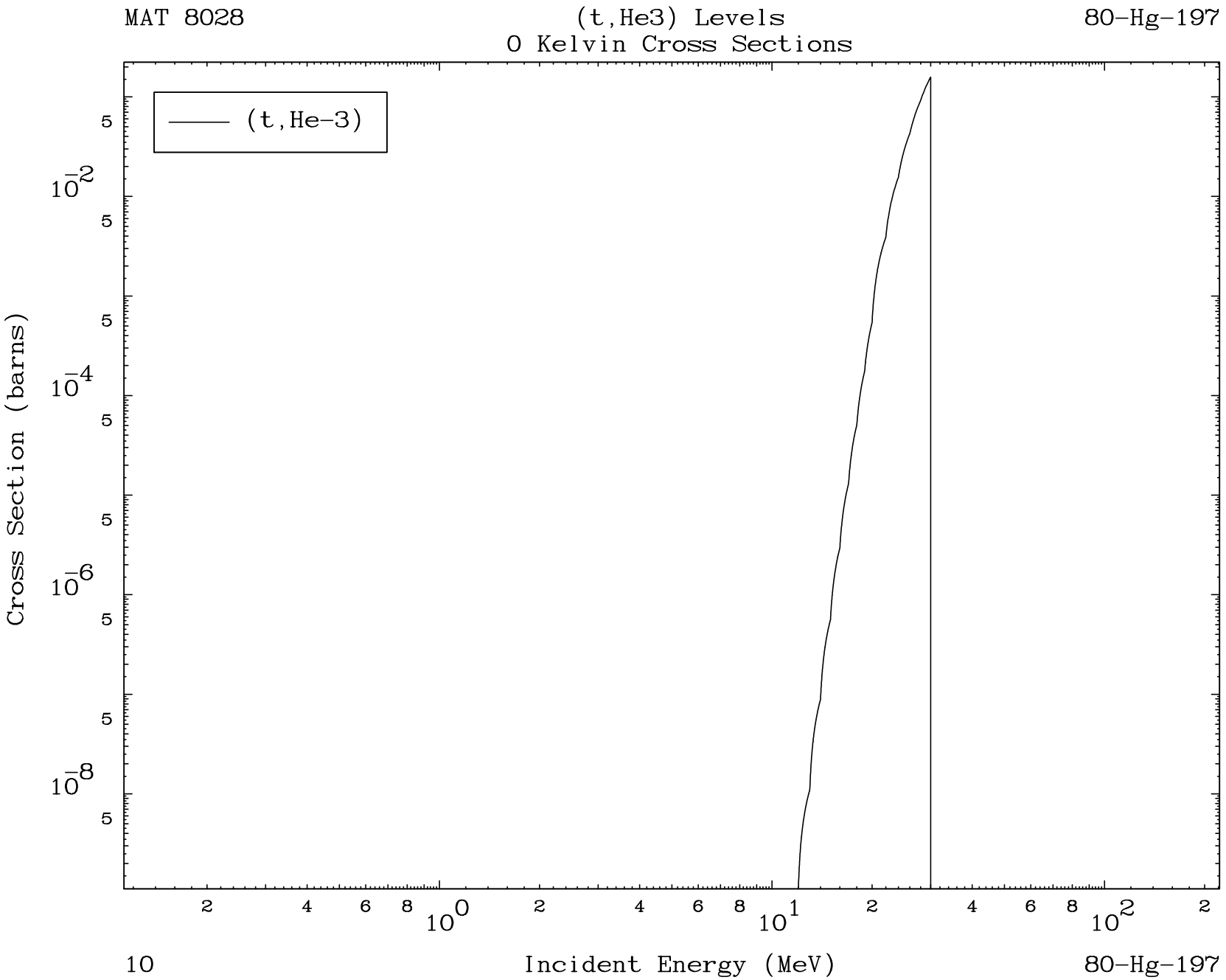

MAT 8028
Triton Charged Particle
0 Kelvin Cross Sections
80-Hg-197
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2α)
(t,2p)
(t,p) α
(t,p) d
(t,p) t
Cross Section (barns)
Incident Energy (MeV)
5
80-Hg-197

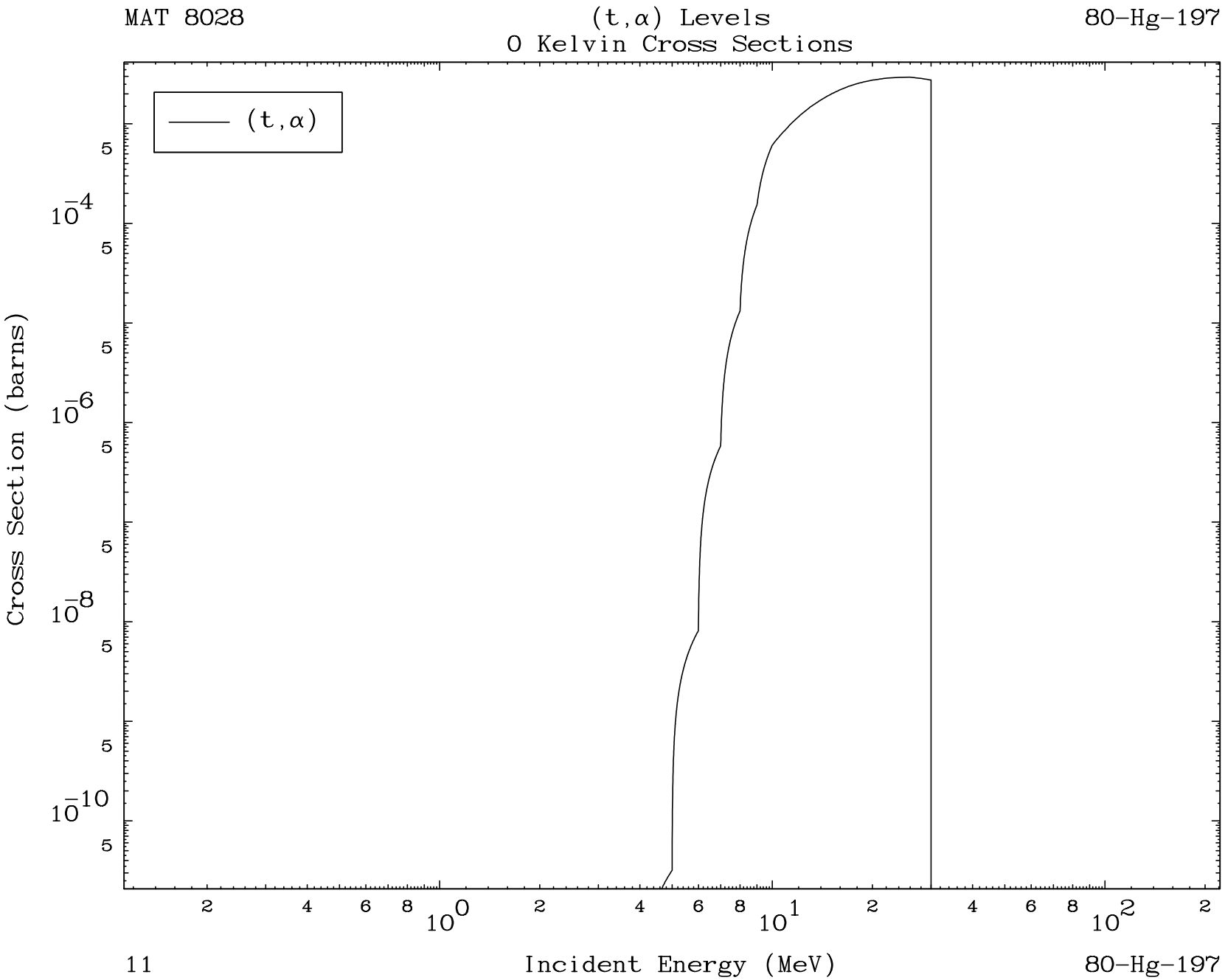

MAT 8028
(t,n') Level
80-Hg-197
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
6
80-Hg-197

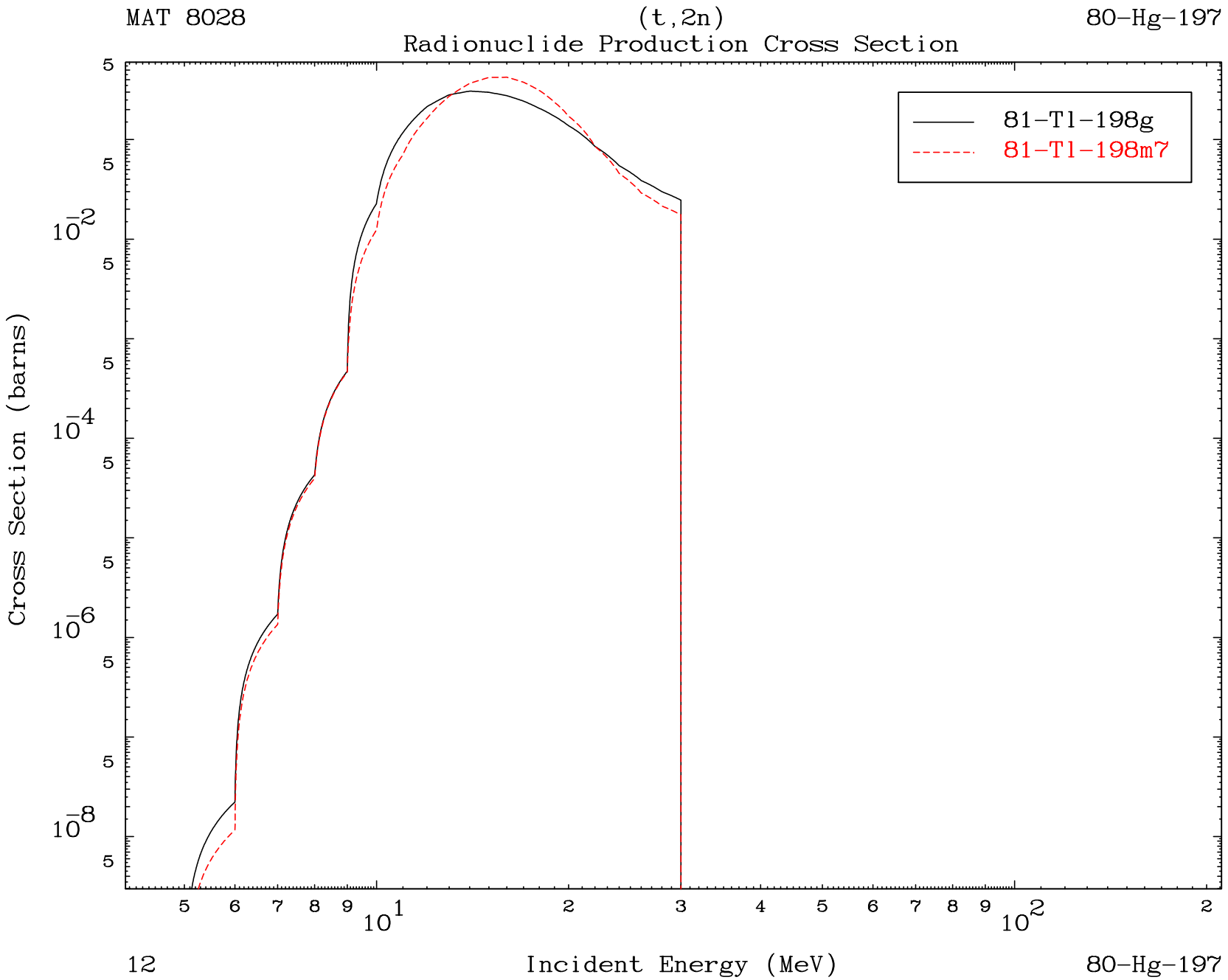

MAT 8028
(t,p) Levels
80-Hg-197
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
7
80-Hg-197

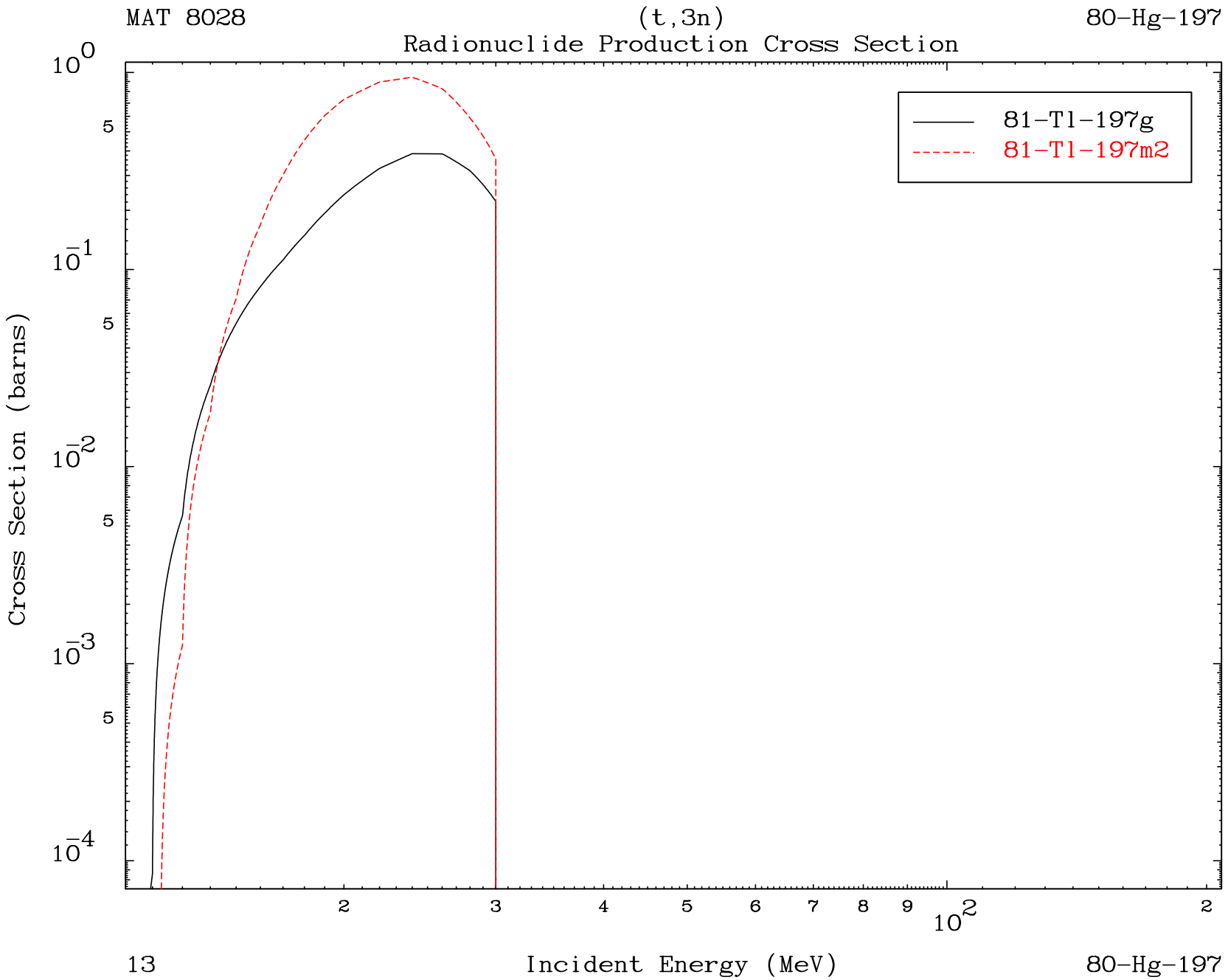

MAT 8028
(t,d) Levels
80-Hg-197
0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
8
80-Hg-197

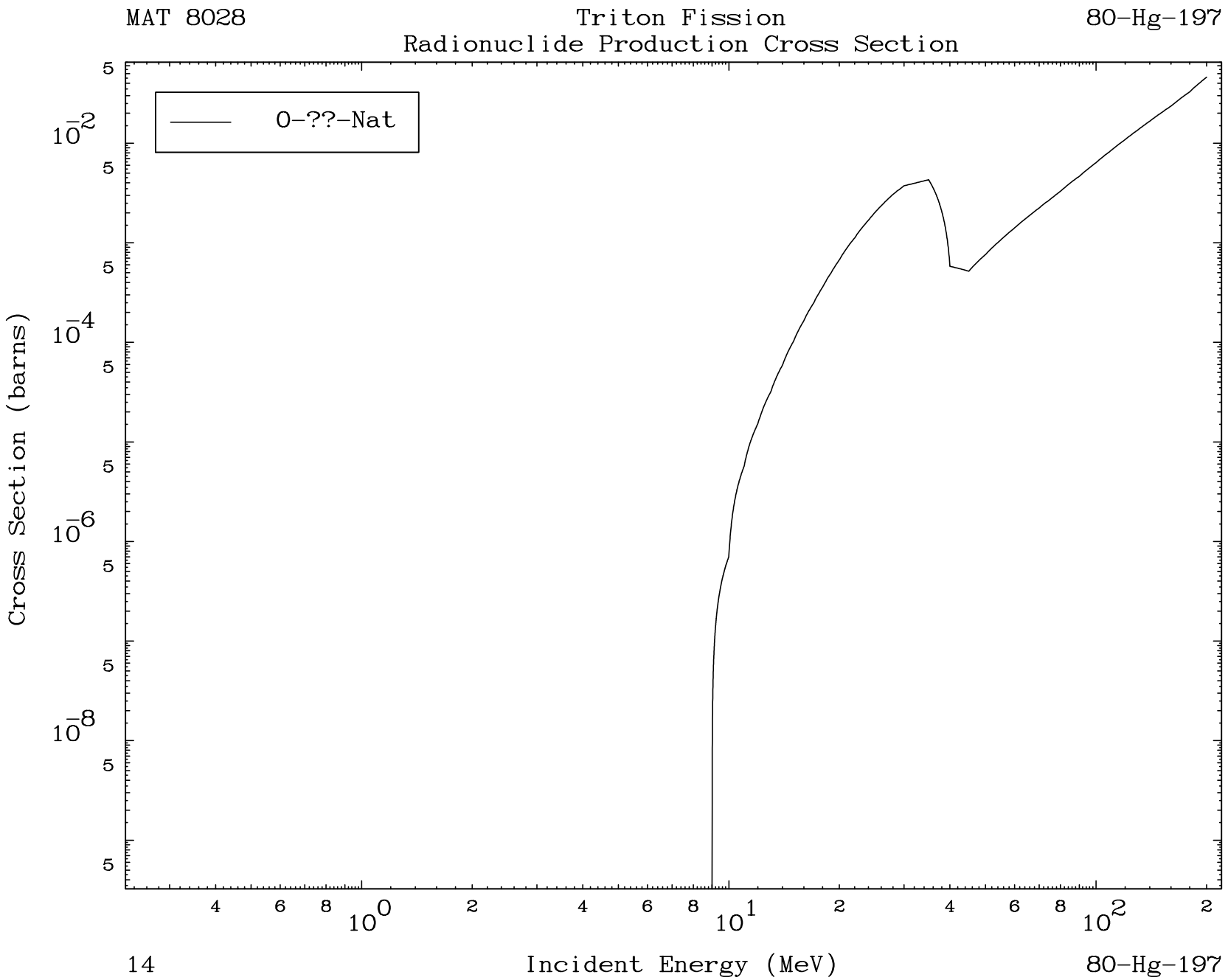

MAT 8028
(t,t) Levels
80-Hg-197
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
9
80-Hg-197

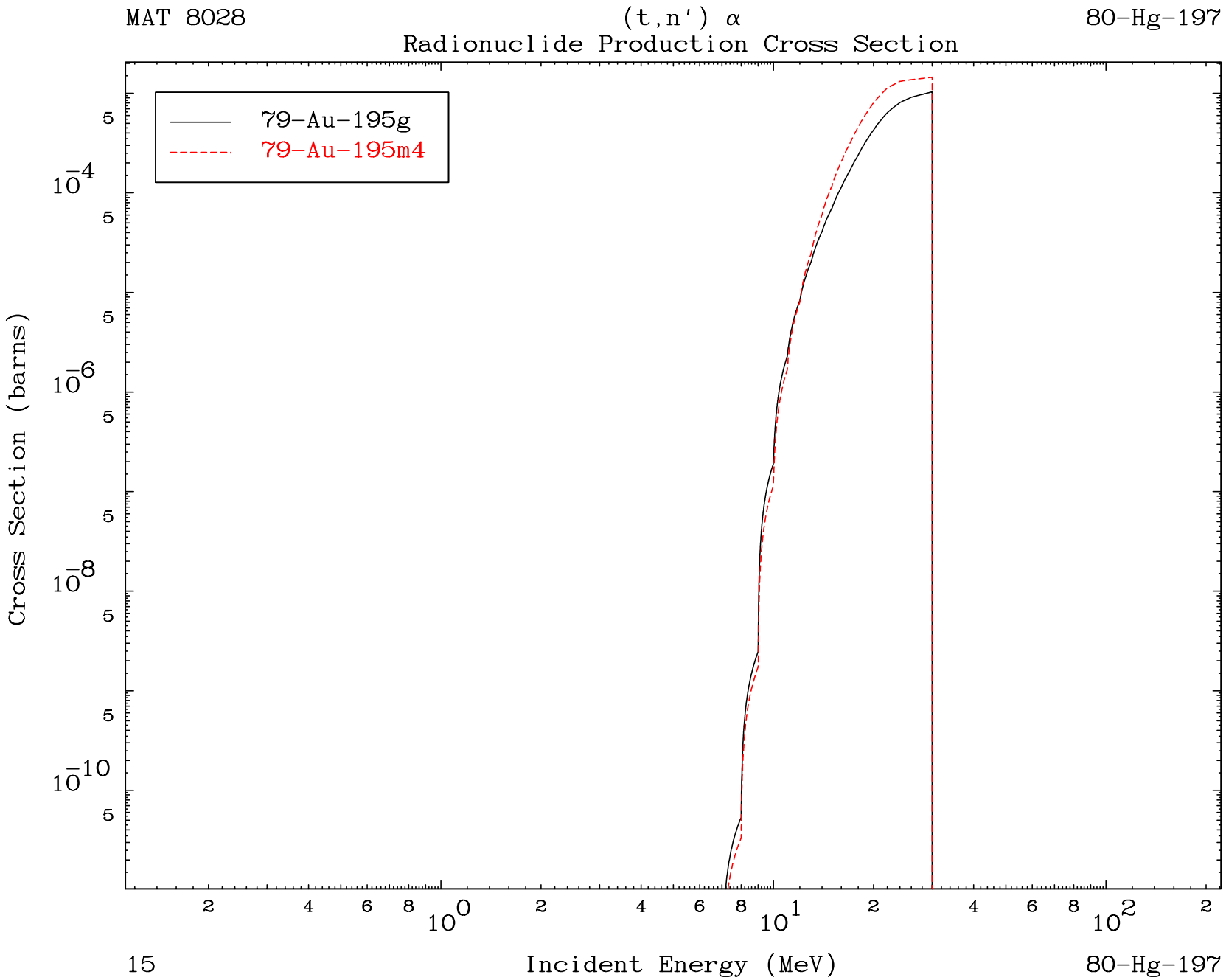

MAT 8028
(t,He3) Levels
80-Hg-197
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-197

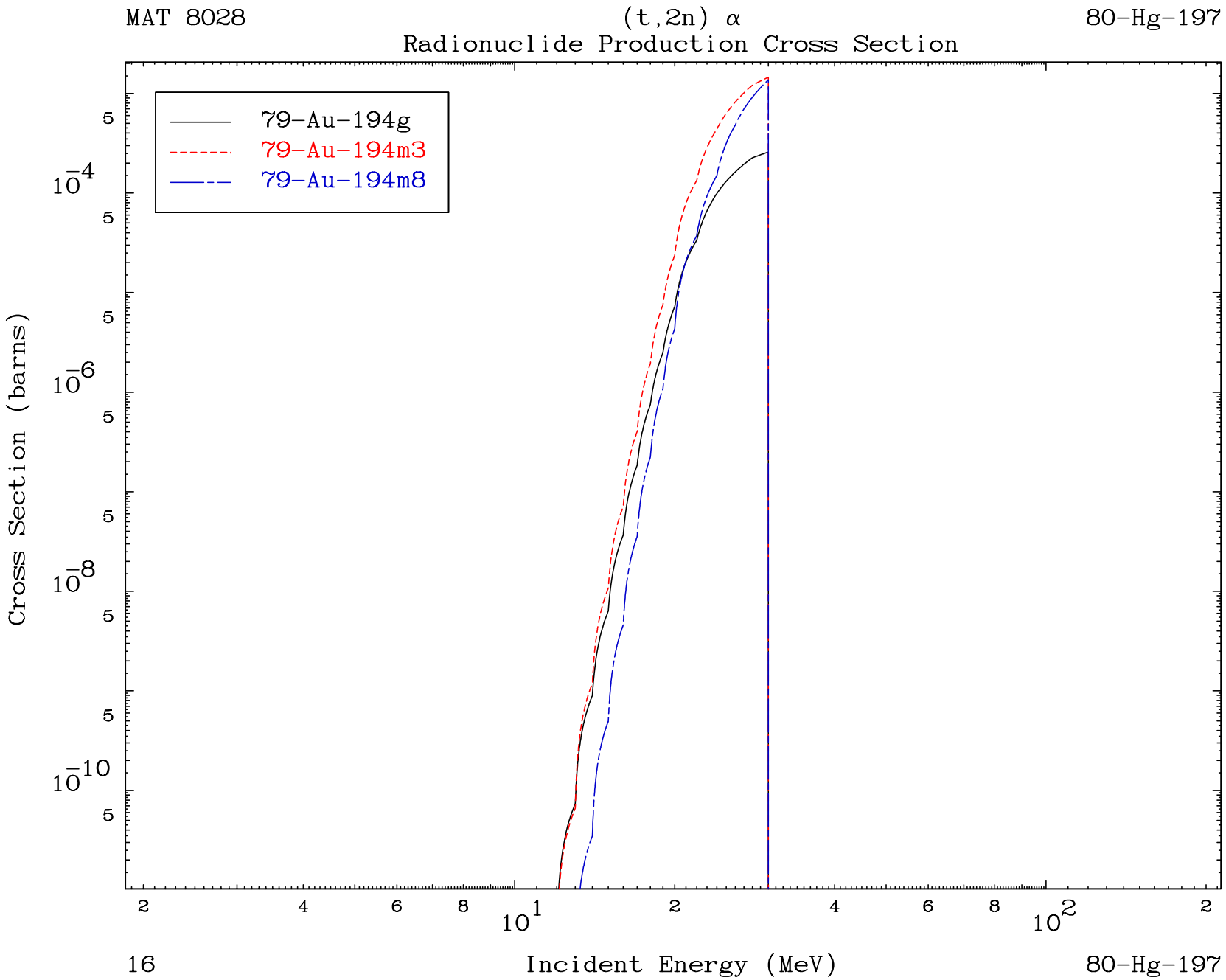

MAT 8028
(t,α) Levels
80-Hg-197
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
11
80-Hg-197

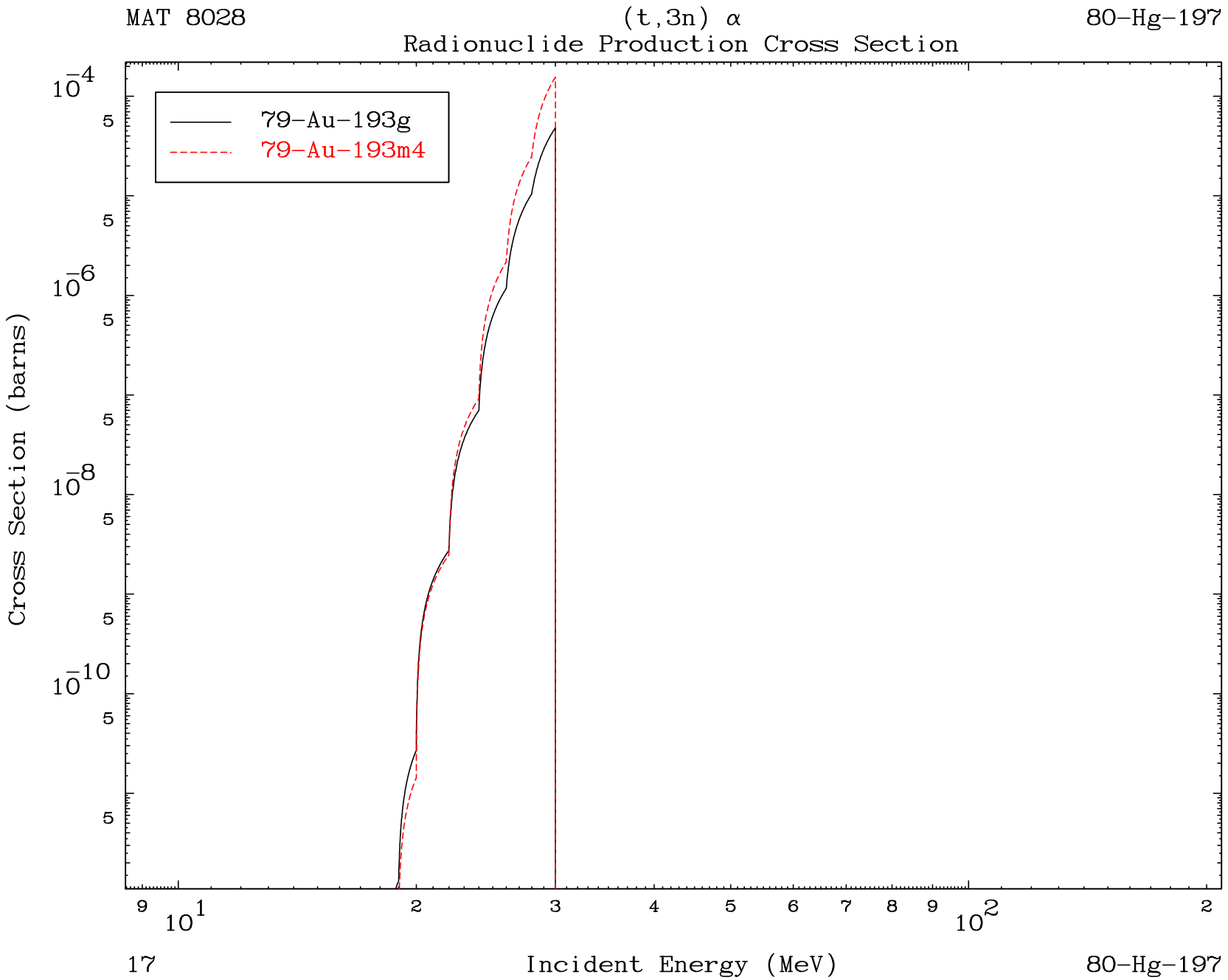

MAT 8028
(t,2n)
80-Hg-197
Radionuclide Production Cross Section
81-Tl-198g
81-Tl-198m7
Cross Section (barns)
Incident Energy (MeV)
12
80-Hg-197

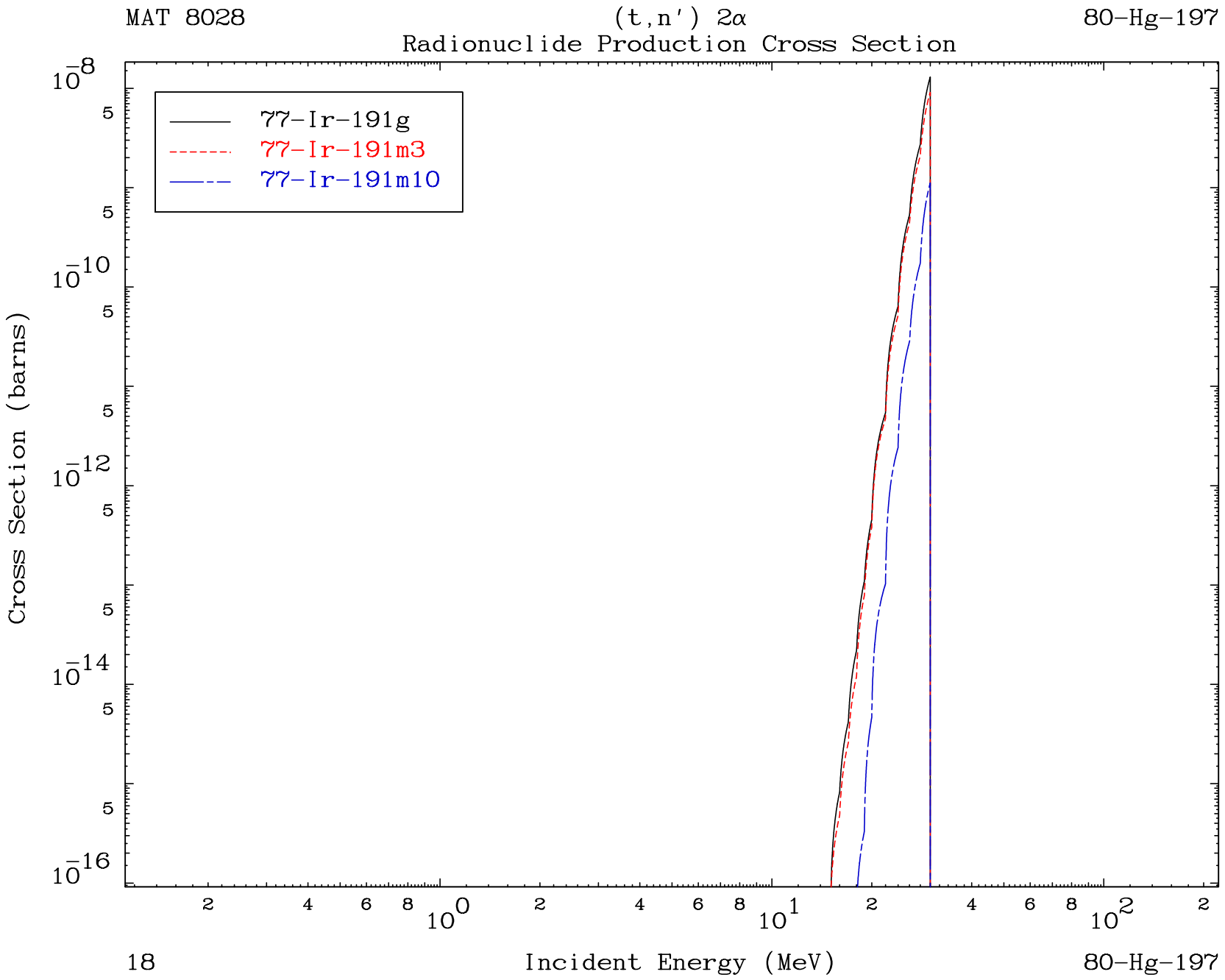

MAT 8028
(t,3n)
80-Hg-197
Radionuclide Production Cross Section
81-Tl-197g
81-Tl-197m2
Cross Section (barns)
Incident Energy (MeV)
13
80-Hg-197

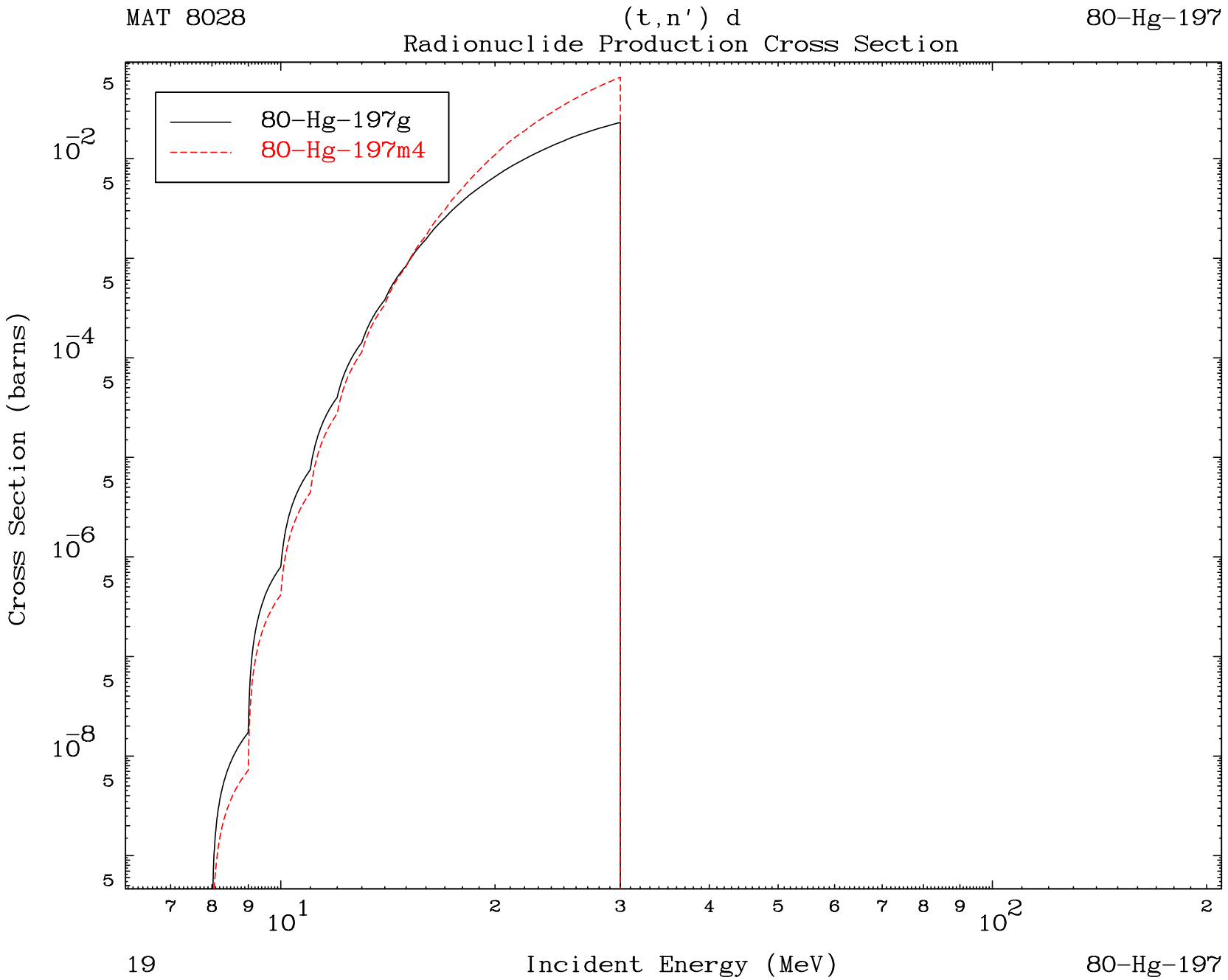

MAT 8028
Triton Fission
80-Hg-197
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
14
80-Hg-197


MAT 8028
(t,n') α
80-Hg-197
Radionuclide Production Cross Section
79-Au-195g
79-Au-195m4
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
15
80-Hg-197


MAT 8028
(t,2n) α
80-Hg-197
Radionuclide Production Cross Section
79-Au-194g
79-Au-194m3
79-Au-194m8
Cross Section (barns)
Incident Energy (MeV)
16
80-Hg-197


MAT 8028
(t,3n) α
80-Hg-197
Radionuclide Production Cross Section
79-Au-193g
79-Au-193m4
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
17
80-Hg-197


MAT 8028
(t,n') 2α
80-Hg-197
Radionuclide Production Cross Section
77-Ir-191g
77-Ir-191m3
77-Ir-191m10
Cross Section (barns)
Incident Energy (MeV)
18
80-Hg-197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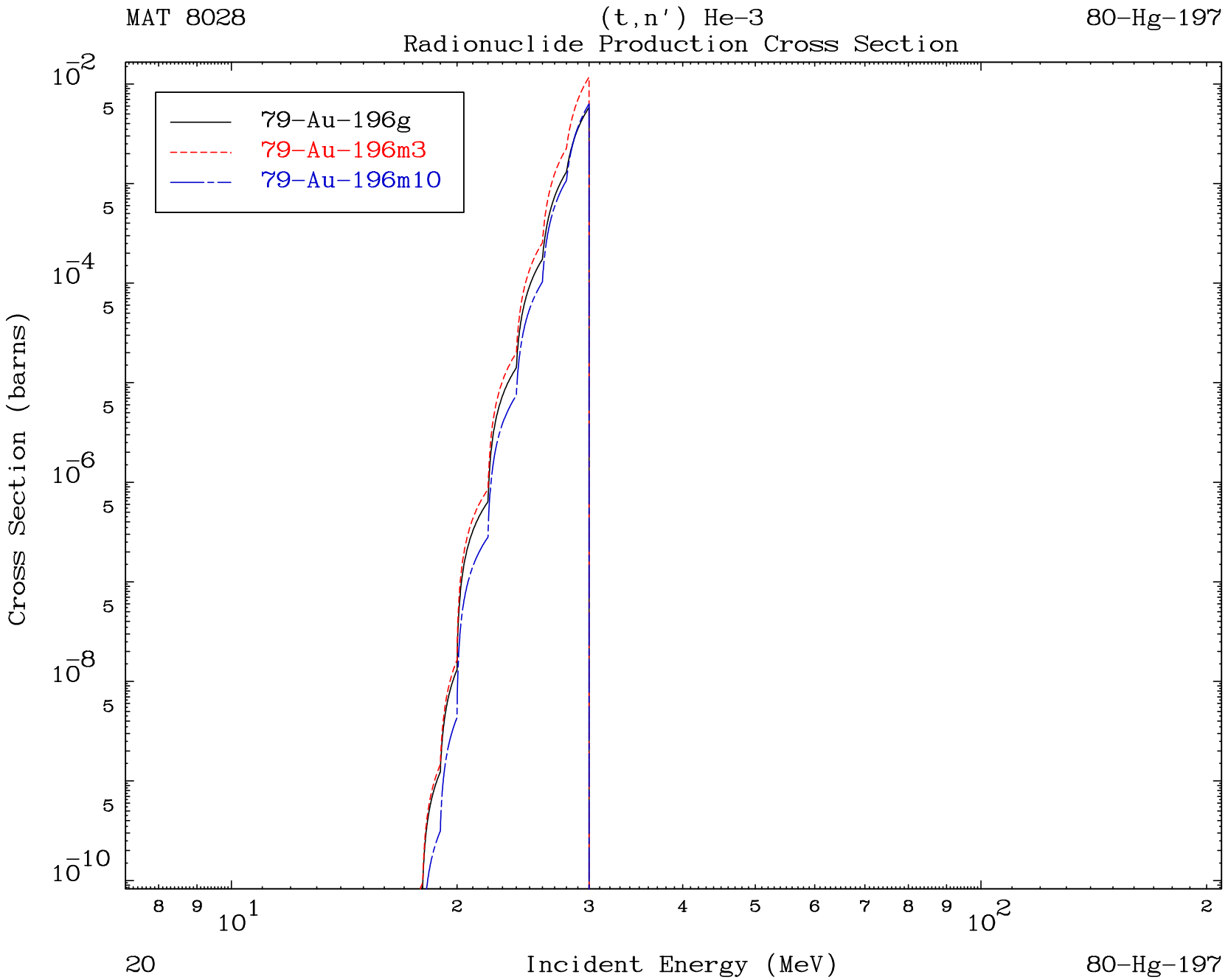
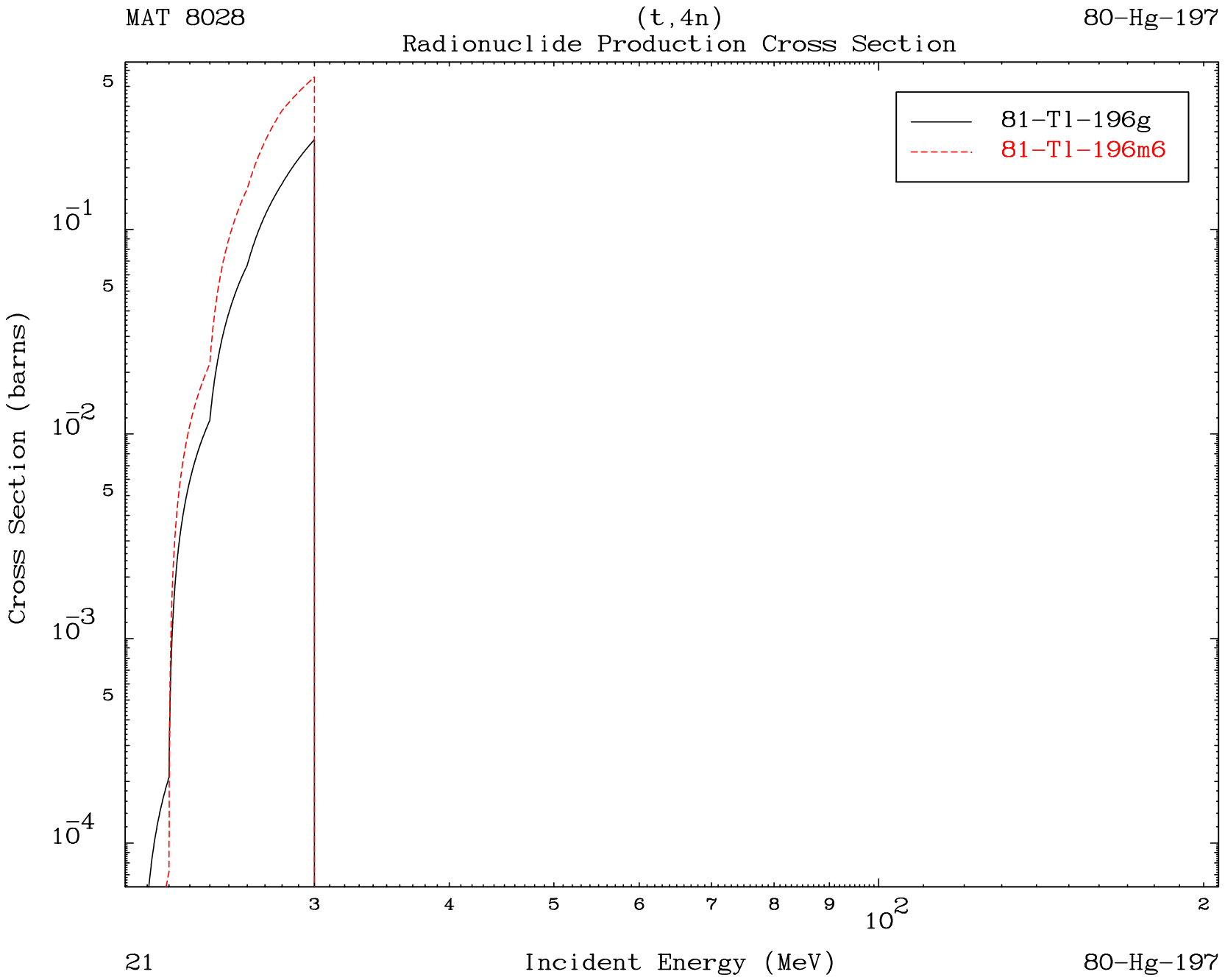
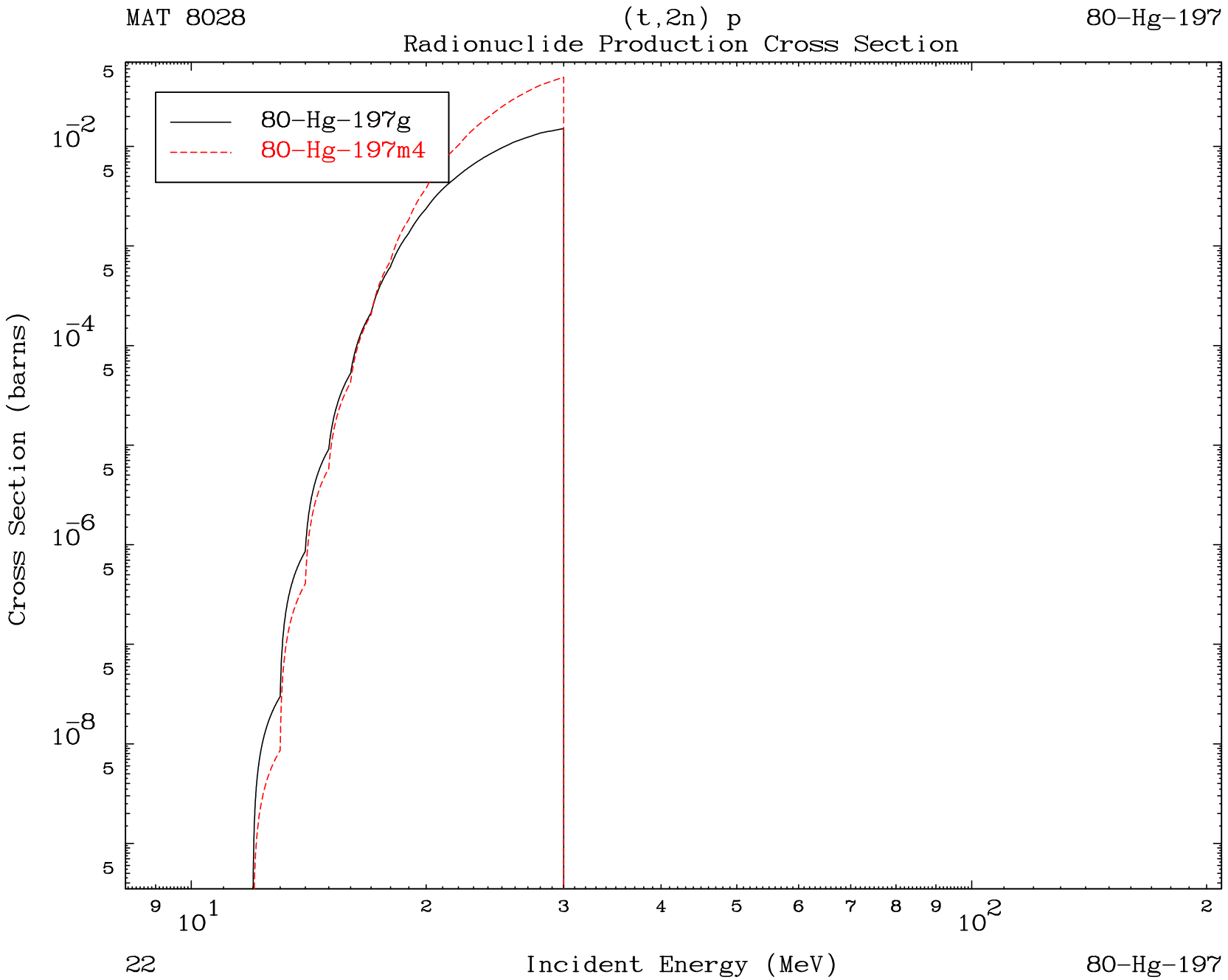
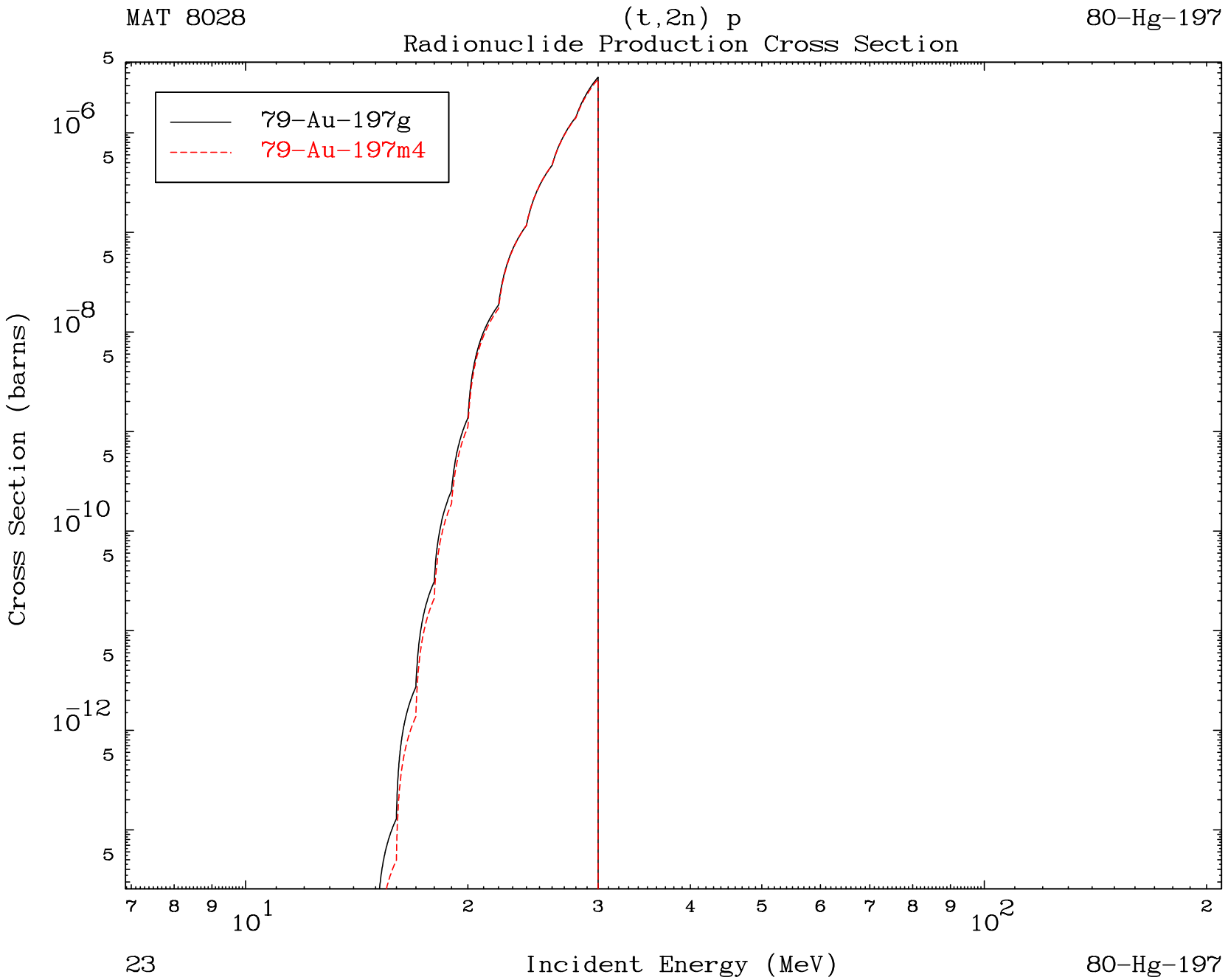
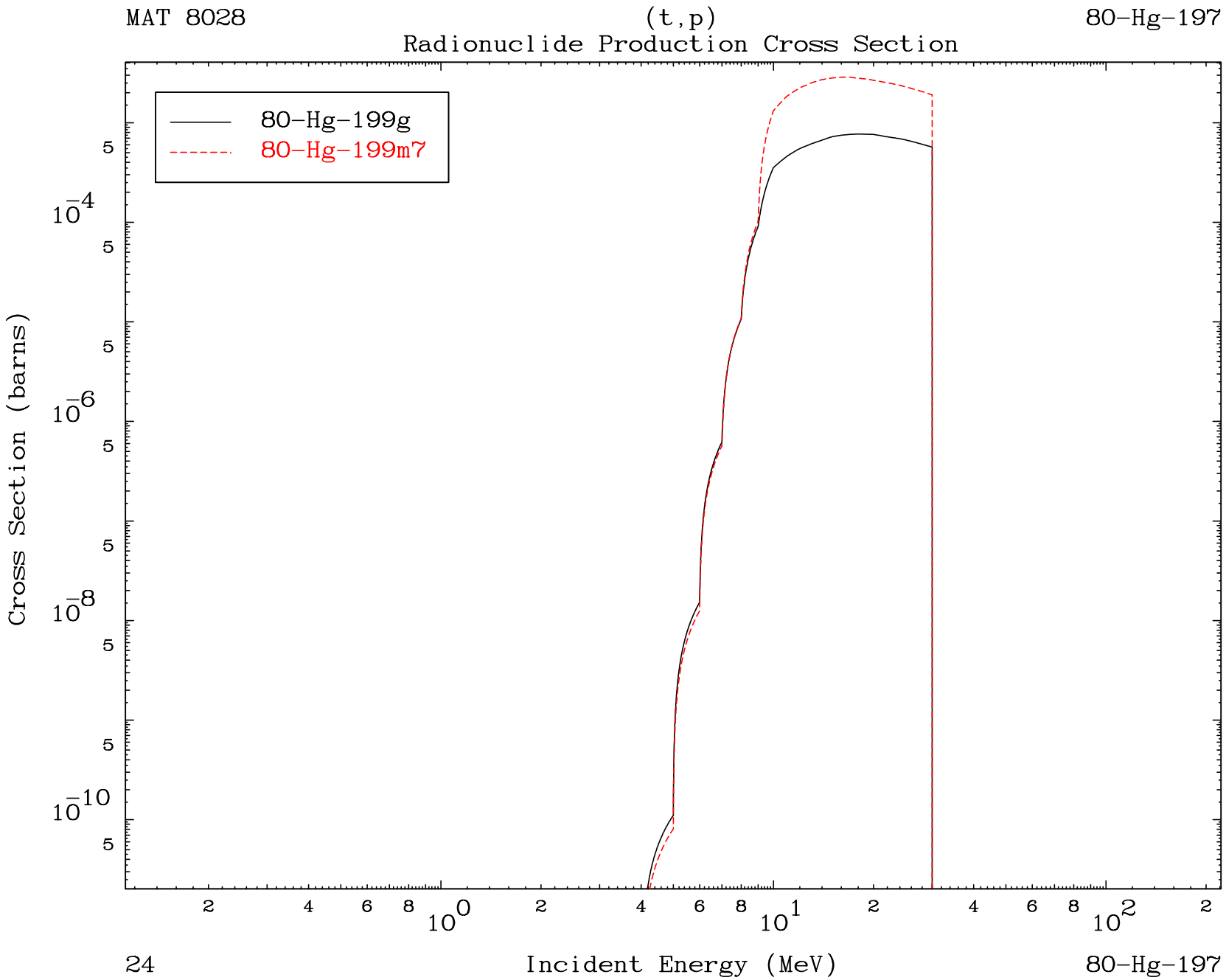
(t,n') d
80-Hg-197
Radionuclide Production Cross Section
80-Hg-197g
80-Hg-197m4
Cross Section (barns)
Incident Energy (MeV)
19
80-Hg-197

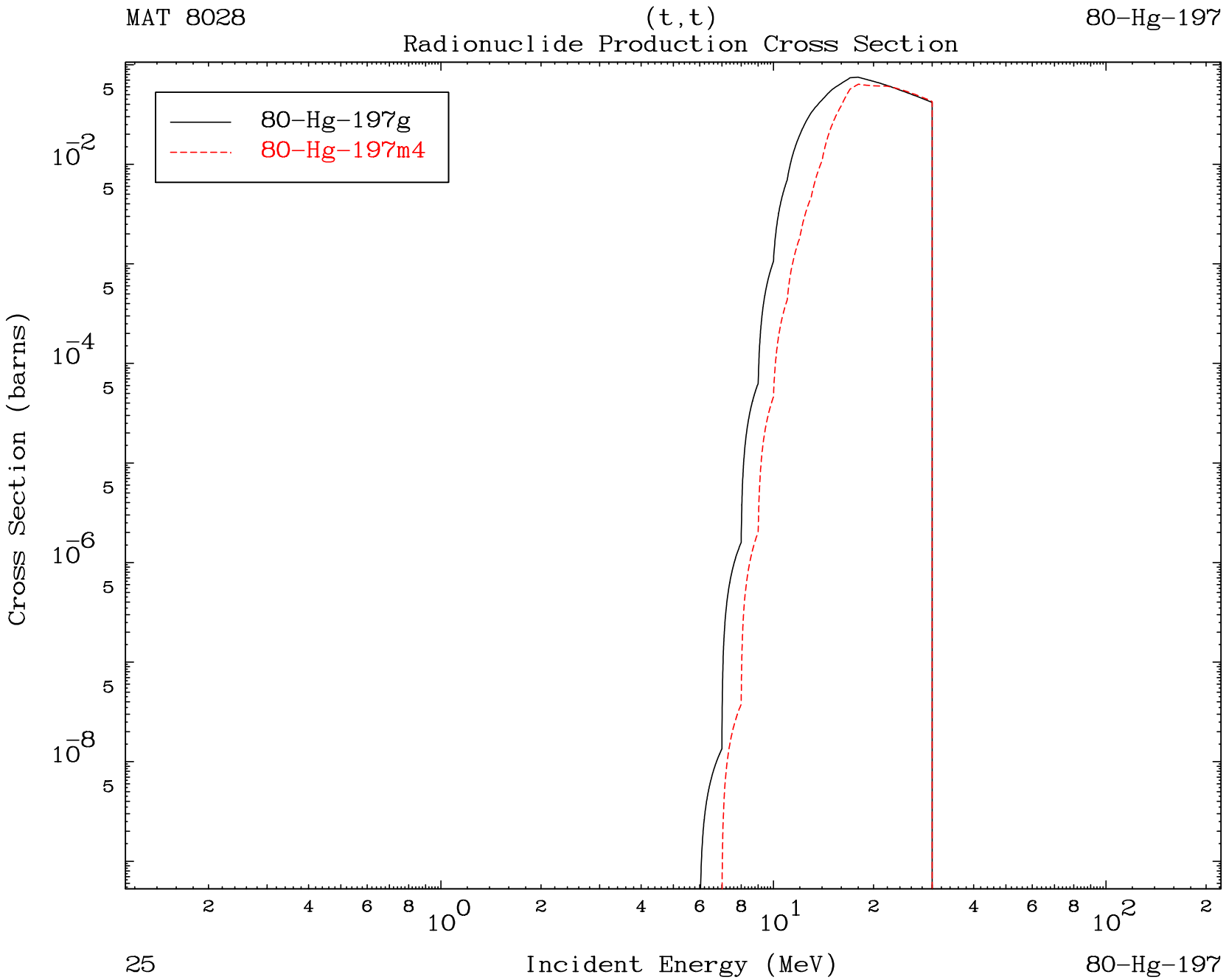

MAT 8028
(t,n') He-3
80-Hg-197
Radionuclide Production Cross Section
79-Au-196g
79-Au-196m3
79-Au-196m10
Cross Section (barns)
Incident Energy (MeV)
20
80-Hg-197

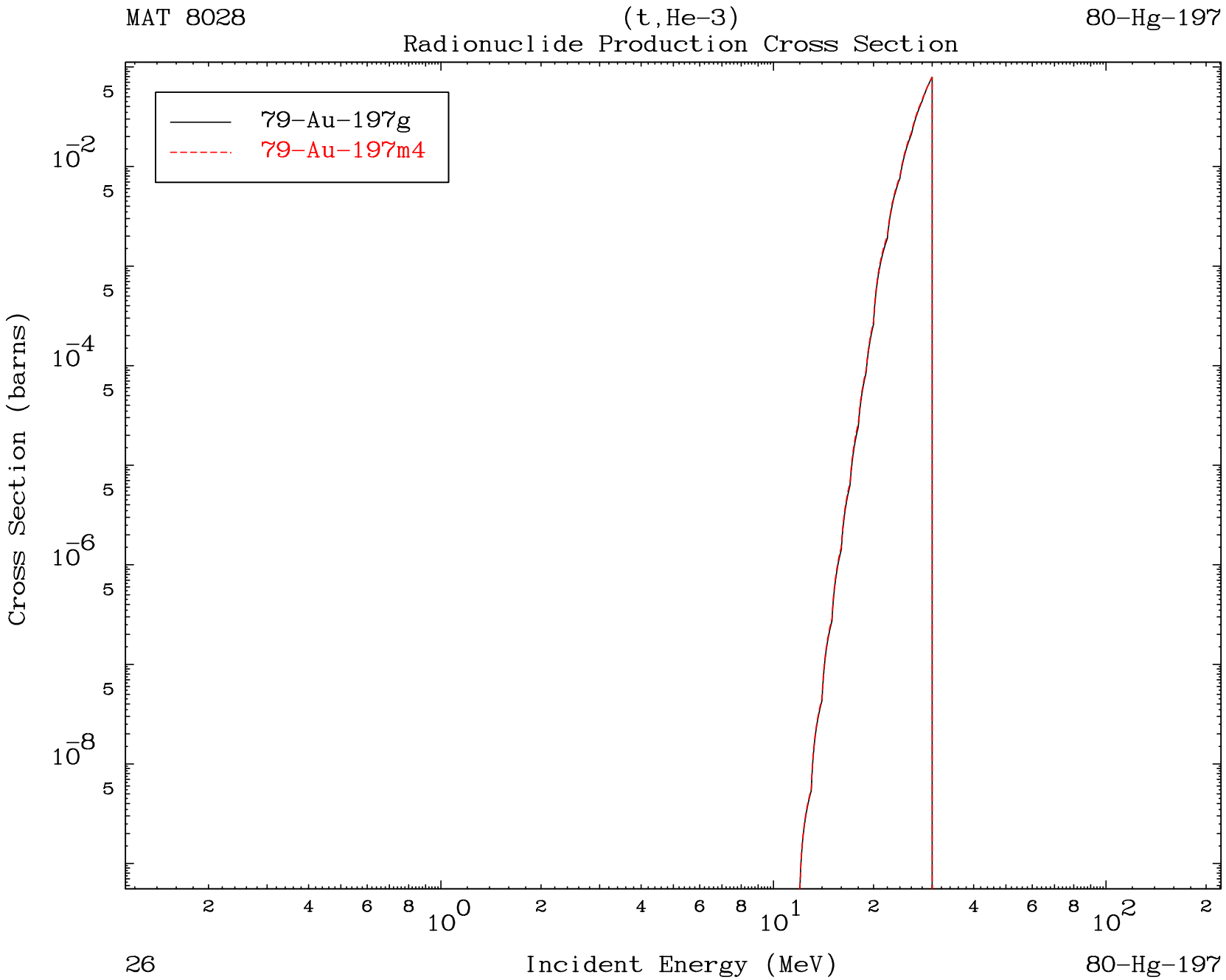

MAT 8028
(t,4n)
80-Hg-197
Radionuclide Production Cross Section
81-Tl-196g
81-Tl-196m6
Cross Section (barns)
10-1
10-2
10-3
10-4
5
3
4
5
6
7
8
9
10 2
2
21
Incident Energy (MeV)
80-Hg-197

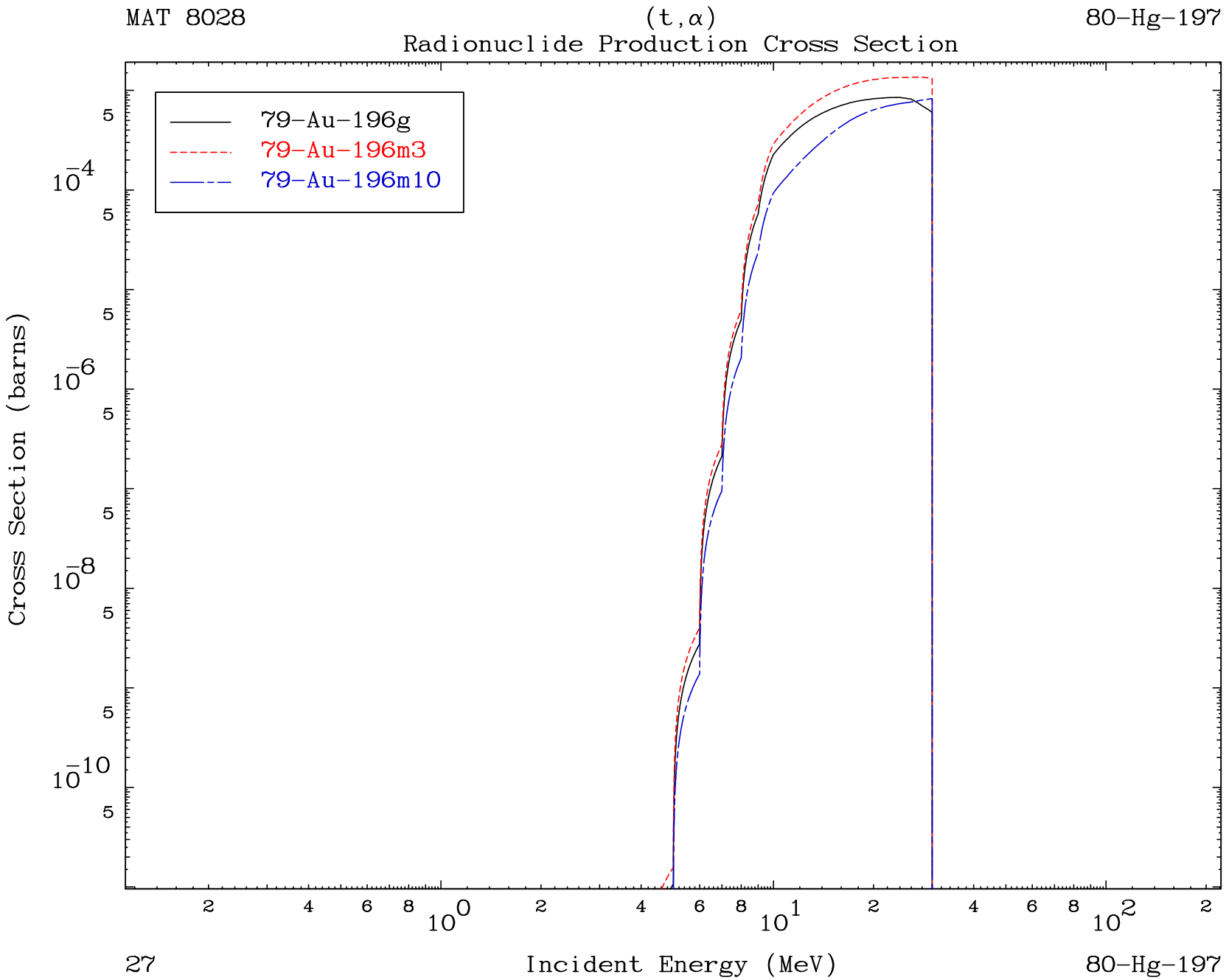

MAT 8028
(t,2n) p
80-Hg-197
Radionuclide Production Cross Section
80-Hg-197g
80-Hg-197m4
Cross Section (barns)
Incident Energy (MeV)
22
80-Hg-197

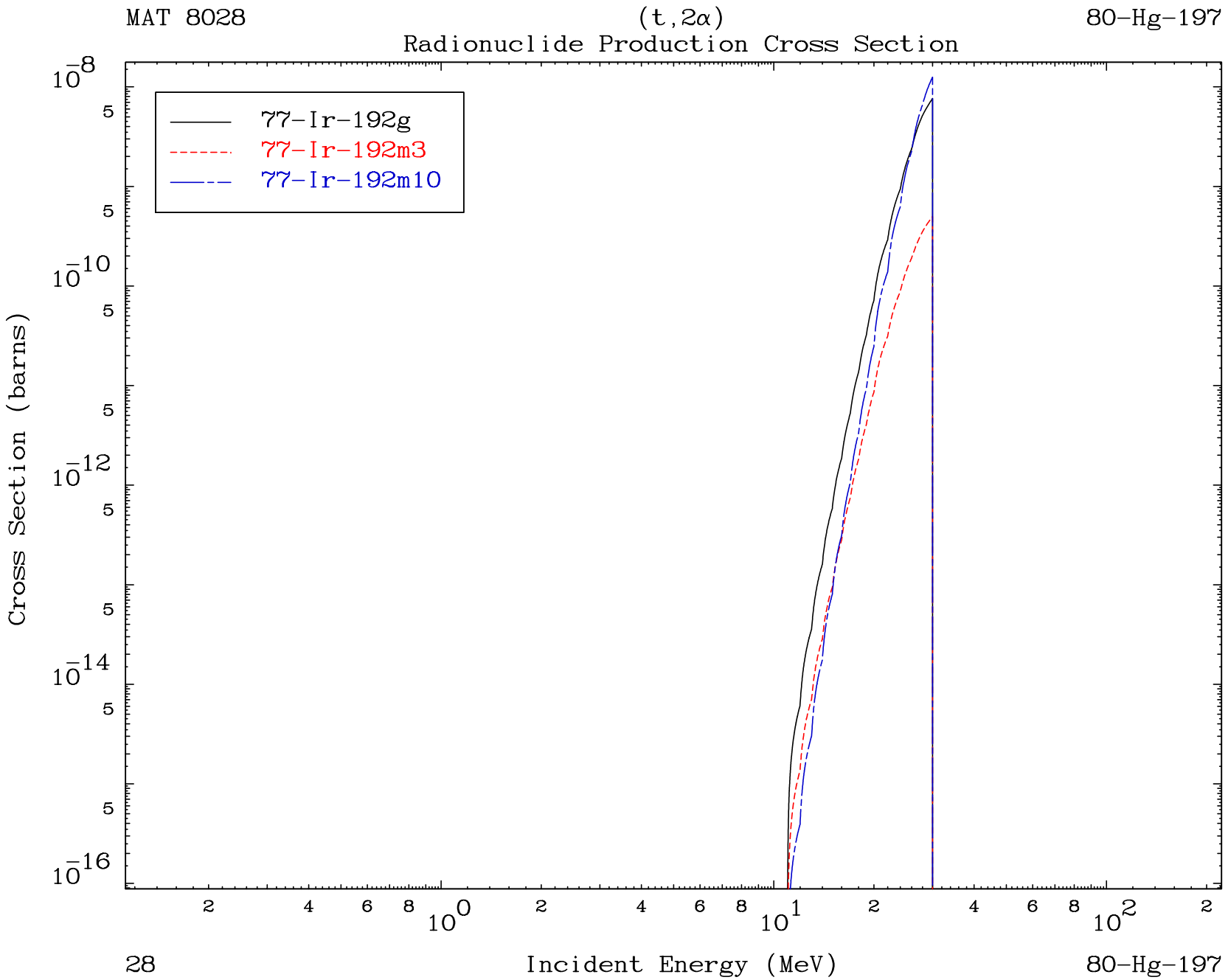

MAT 8028
(t,2n) p
80-Hg-197
Radionuclide Production Cross Section
79-Au-197g
79-Au-197m4
Cross Section (barns)
Incident Energy (MeV)
23
80-Hg-197

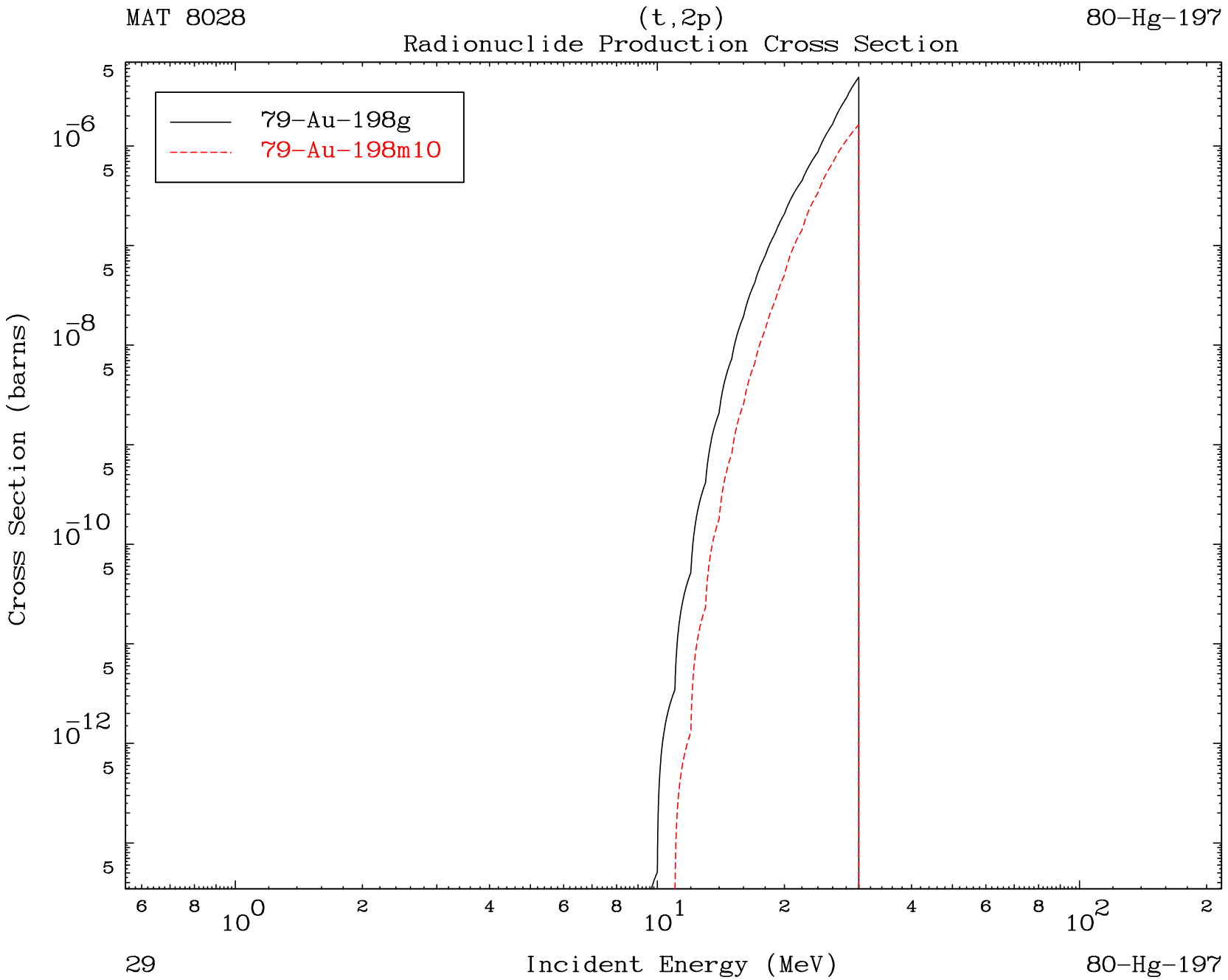

MAT 8028
(t,p)
80-Hg-197
Radionuclide Production Cross Section
80-Hg-199g
80-Hg-199m7
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
24
80-Hg-197

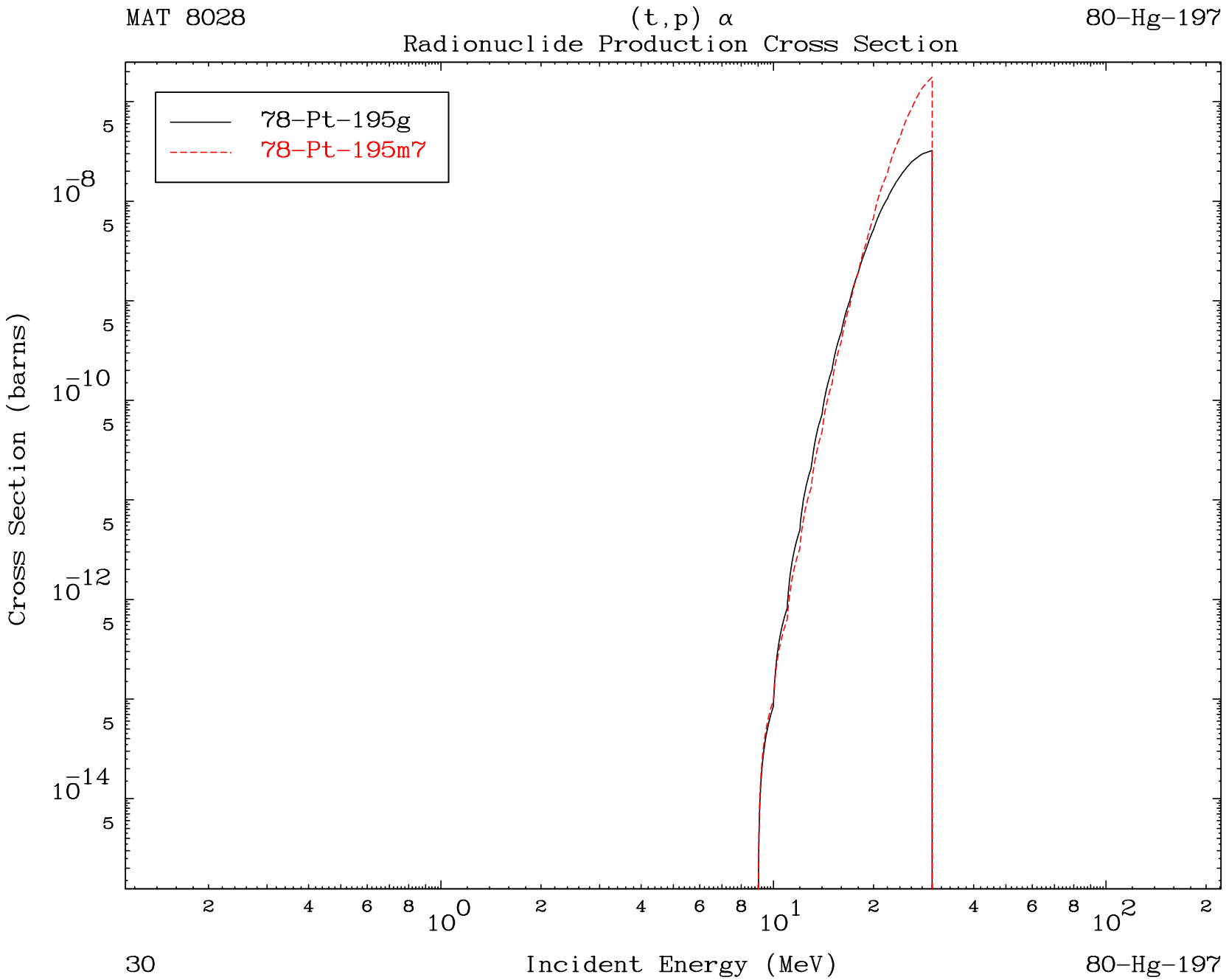

MAT 8028
(t,t)
80-Hg-197
Radionuclide Production Cross Section
80-Hg-197g
80-Hg-197m4
Cross Section (barns)
Incident Energy (MeV)
25
80-Hg-197

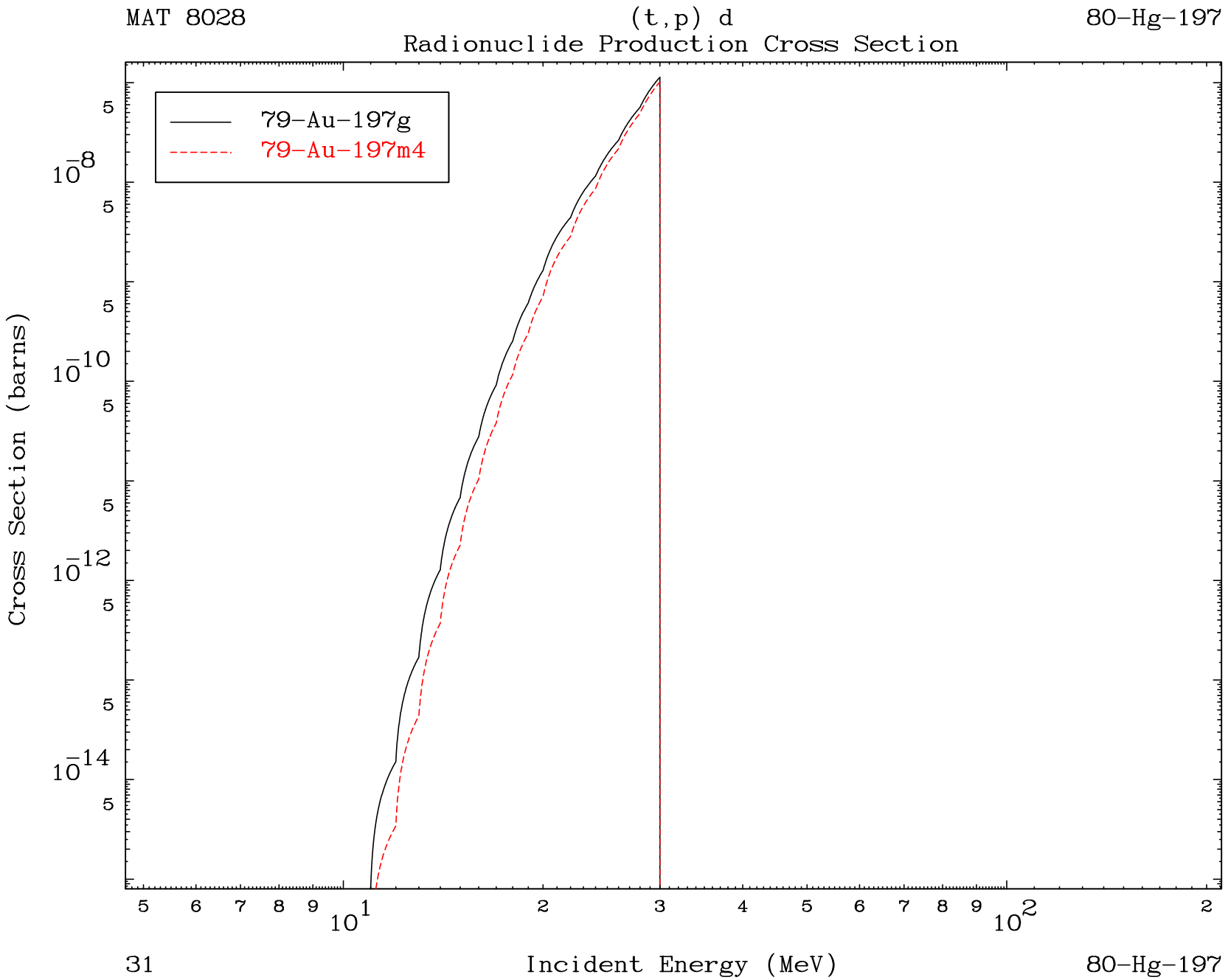

MAT 8028
(t,He-3)
80-Hg-197
Radionuclide Production Cross Section
79-Au-197g
79-Au-197m4
Cross Section (barns)
Incident Energy (MeV)
26
80-Hg-197

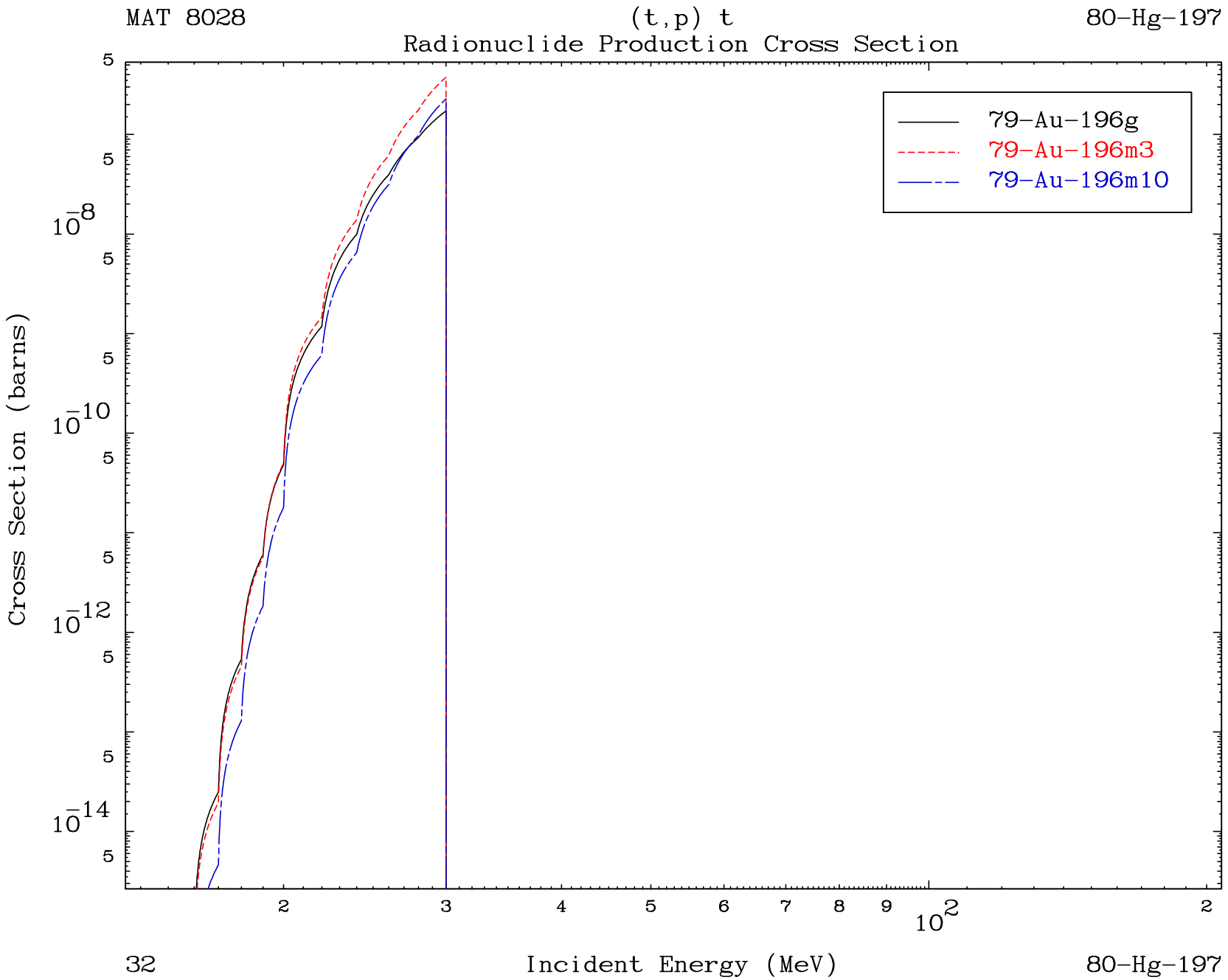

MAT 8028
(t,α)
80-Hg-197
Radionuclide Production Cross Section
79-Au-196g
79-Au-196m3
79-Au-196m10
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
27
80-Hg-197


MAT 8028
(t,2α)
80-Hg-197
Radionuclide Production Cross Section
77-Ir-192g
77-Ir-192m3
77-Ir-192m10
Cross Section (barns)
Incident Energy (MeV)
28
80-Hg-197


MAT 8028
(t,2p)
80-Hg-197
Radionuclide Production Cross Section
79-Au-198g
79-Au-198m10
Cross Section (barns)
Incident Energy (MeV)
29
80-Hg-197


MAT 8028
(t,p) α
80-Hg-197
Radionuclide Production Cross Section
78-Pt-195g
78-Pt-195m7
Cross Section (barns)
10-8
10-10
10-12
10-14
100
101
102
Incident Energy (MeV)
30
80-Hg-197


MAT 8028
(t,p) d
80-Hg-197
Radionuclide Production Cross Section
79-Au-197g
79-Au-197m4
Cross Section (barns)
Incident Energy (MeV)
31
80-Hg-197


MAT 8028
(t,p) t
80-Hg-197
Radionuclide Production Cross Section
79-Au-196g
79-Au-196m3
79-Au-196m10
Cross Section (barns)
Incident Energy (MeV)
32
80-Hg-197