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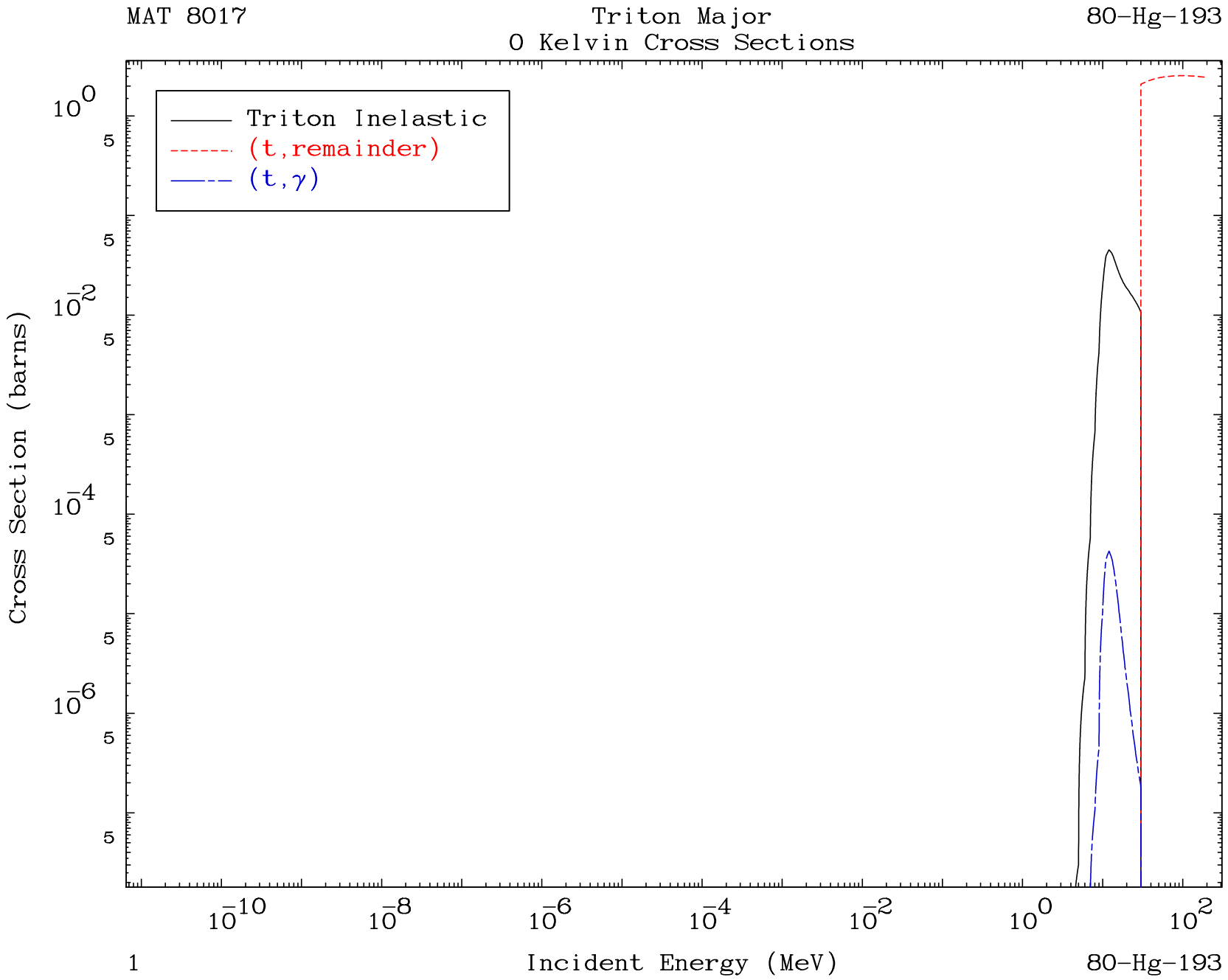
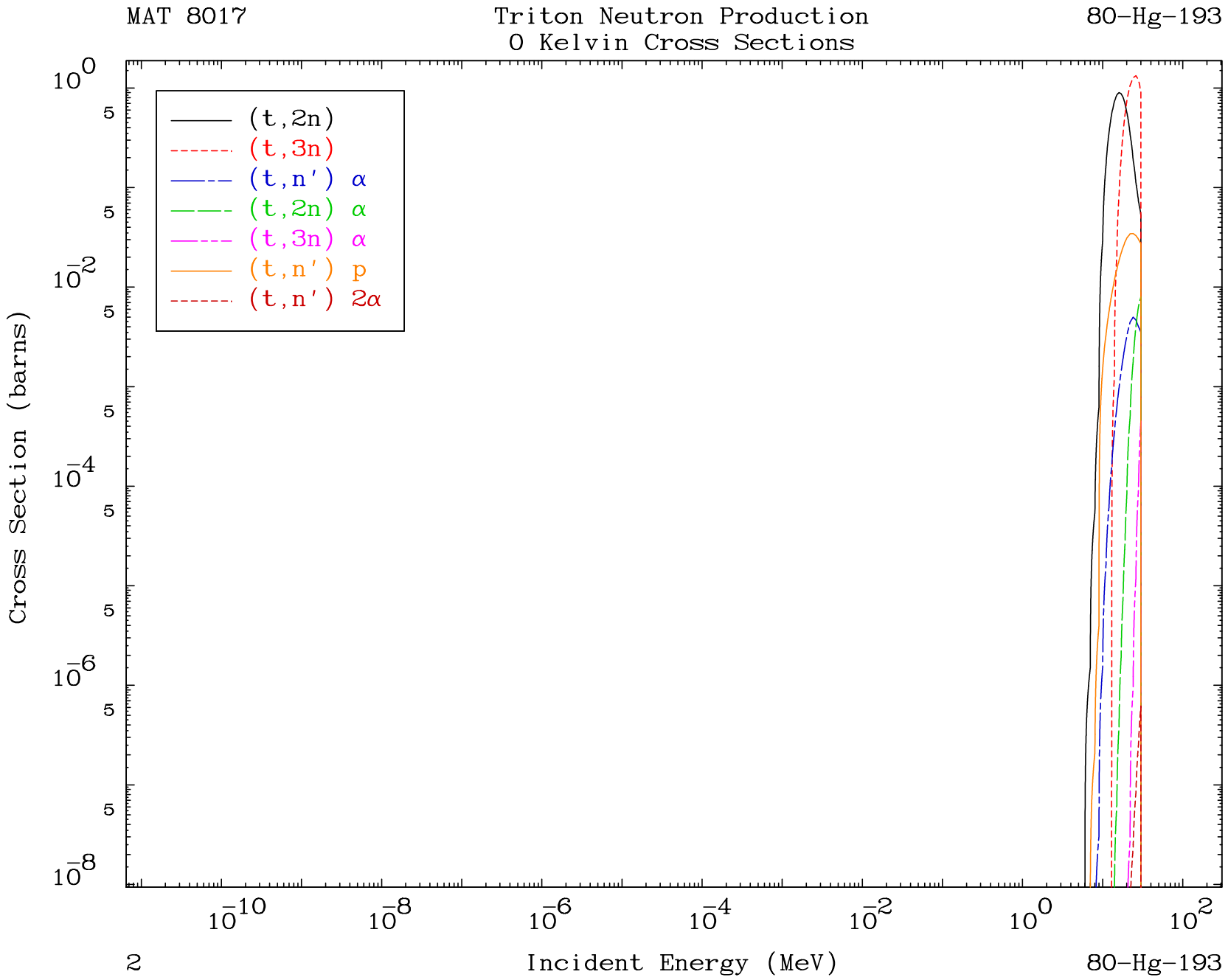
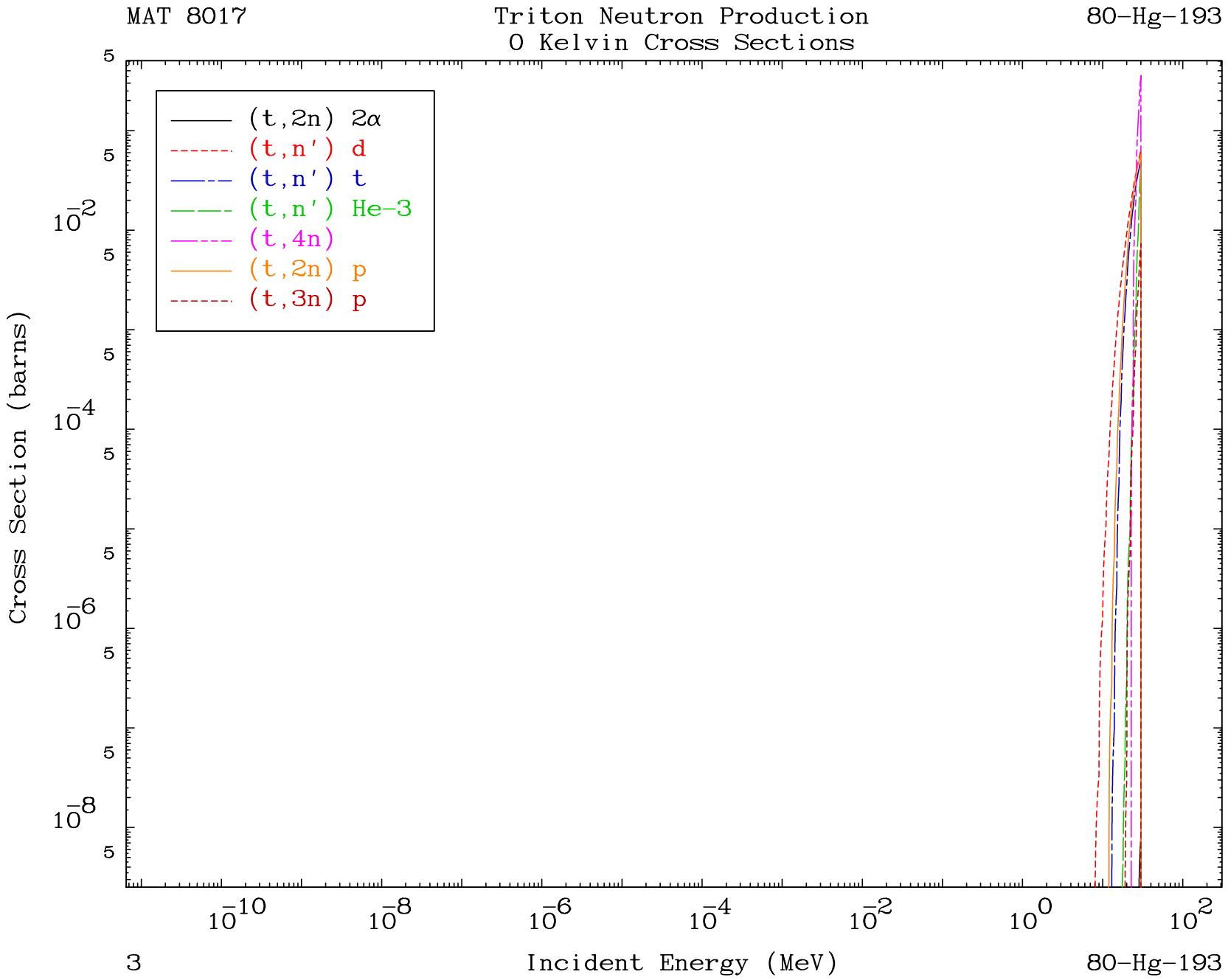
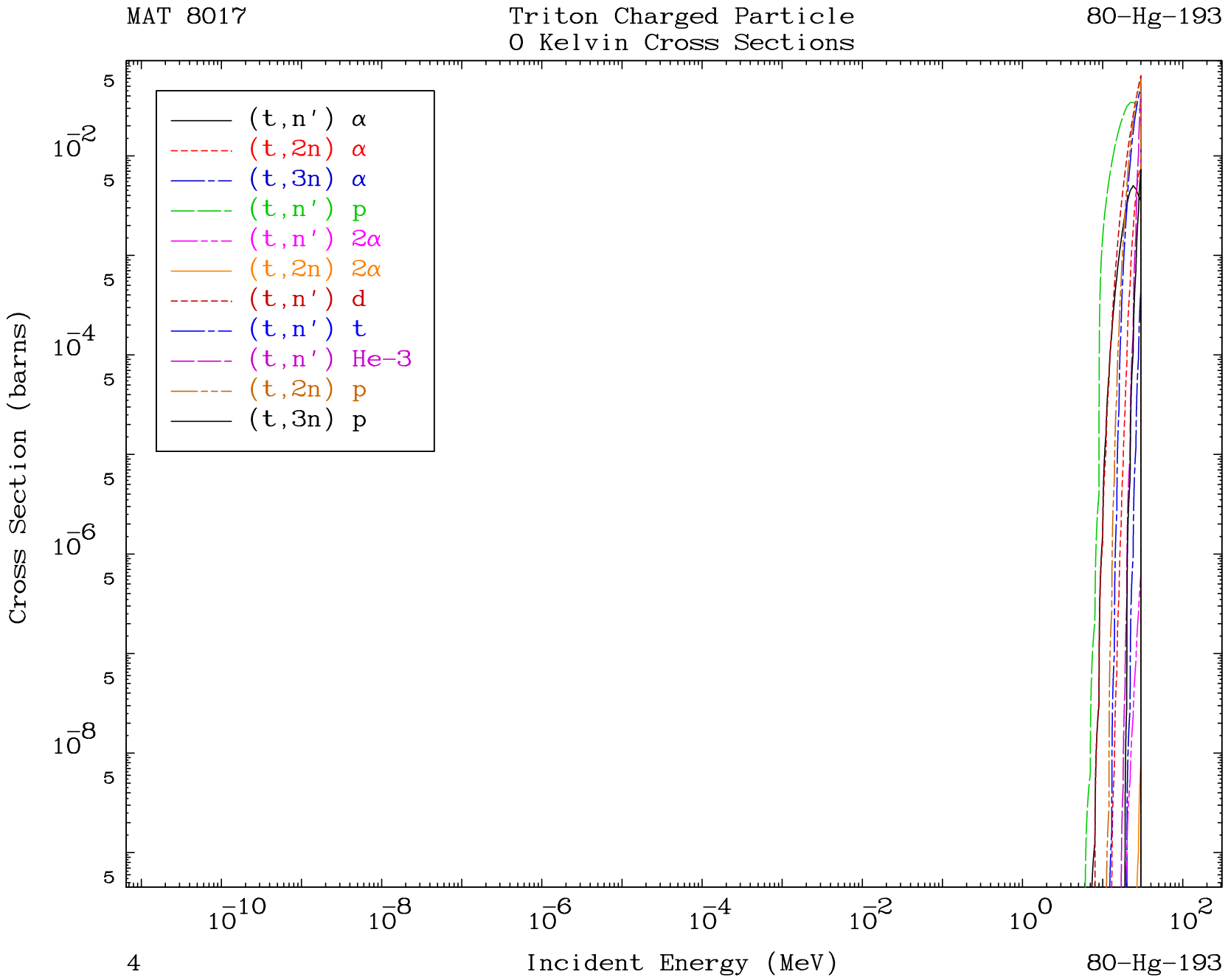
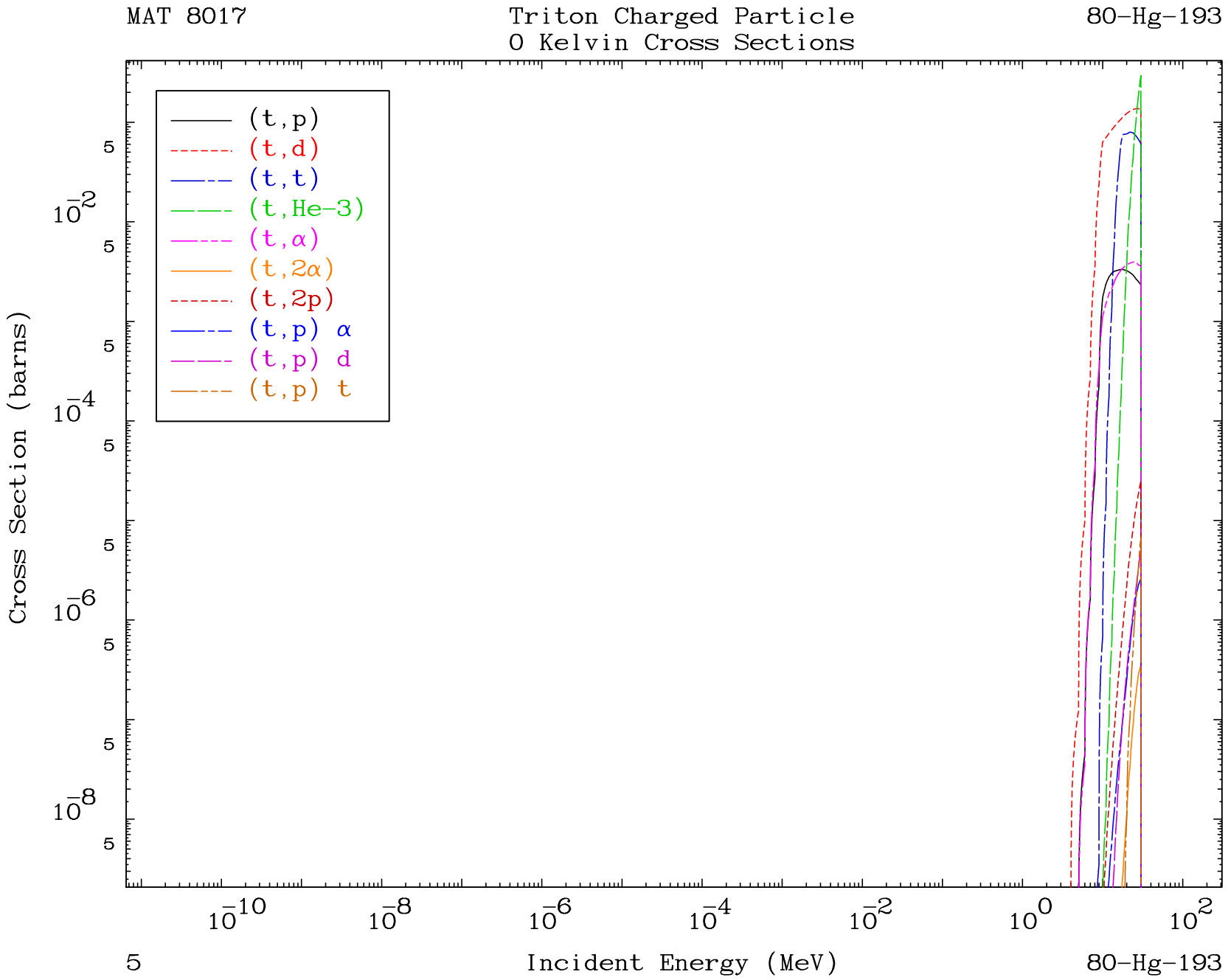
Press Mouse Button to Start

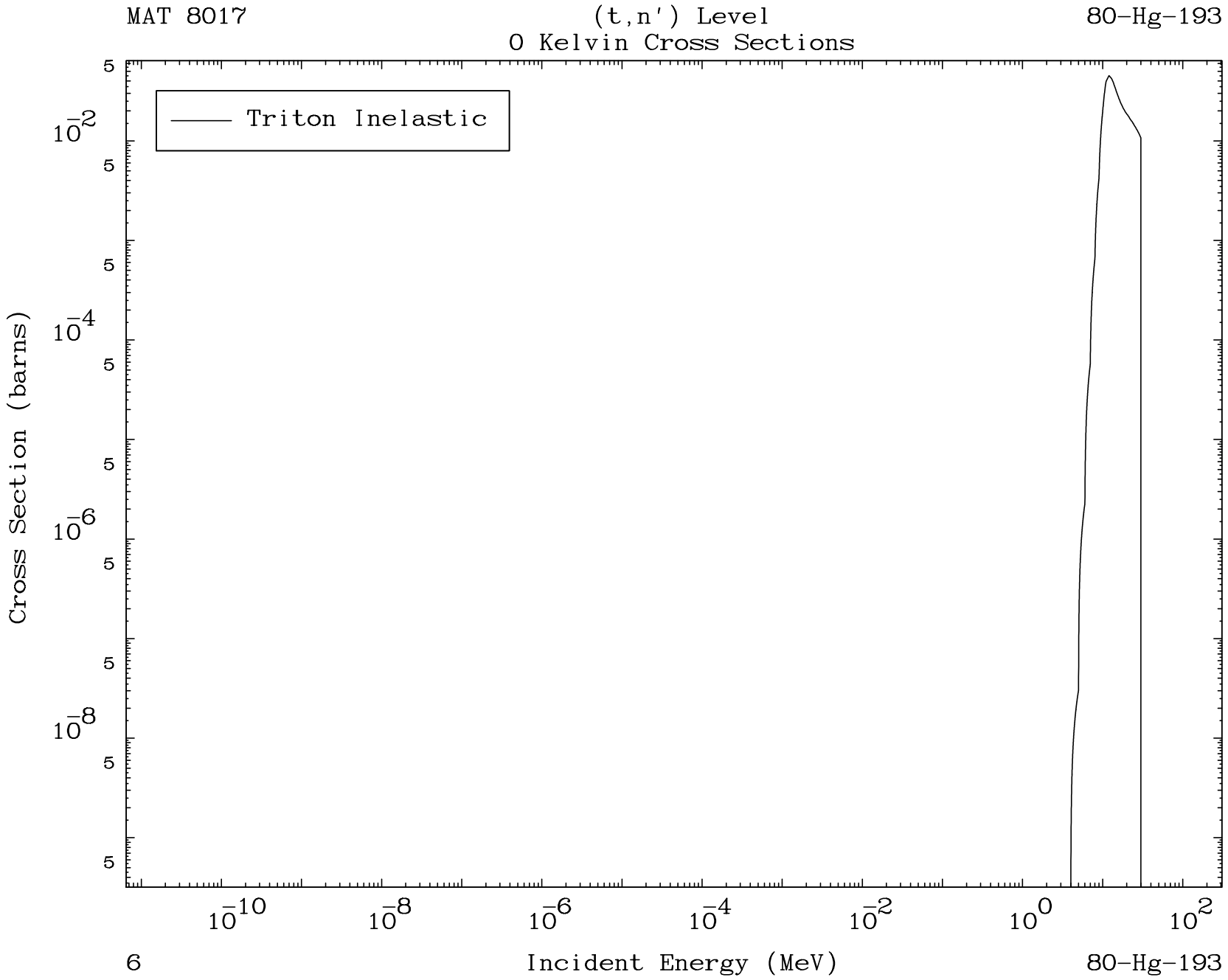

MAT 8017
Triton Major
80-Hg-193
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
1
80-Hg-193

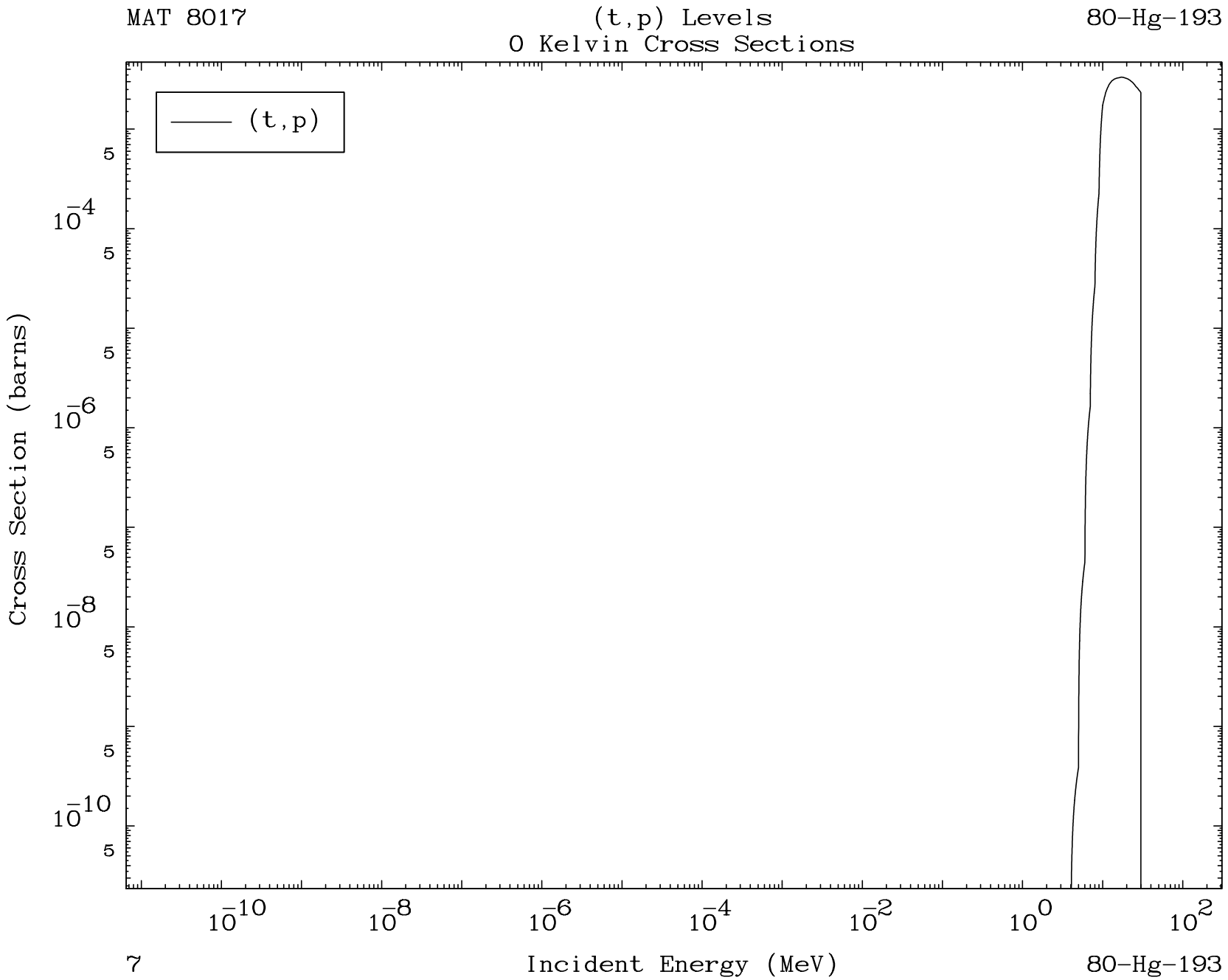

MAT 8017
Triton Neutron Production
0 Kelvin Cross Sections
80-Hg-193
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
80-Hg-193

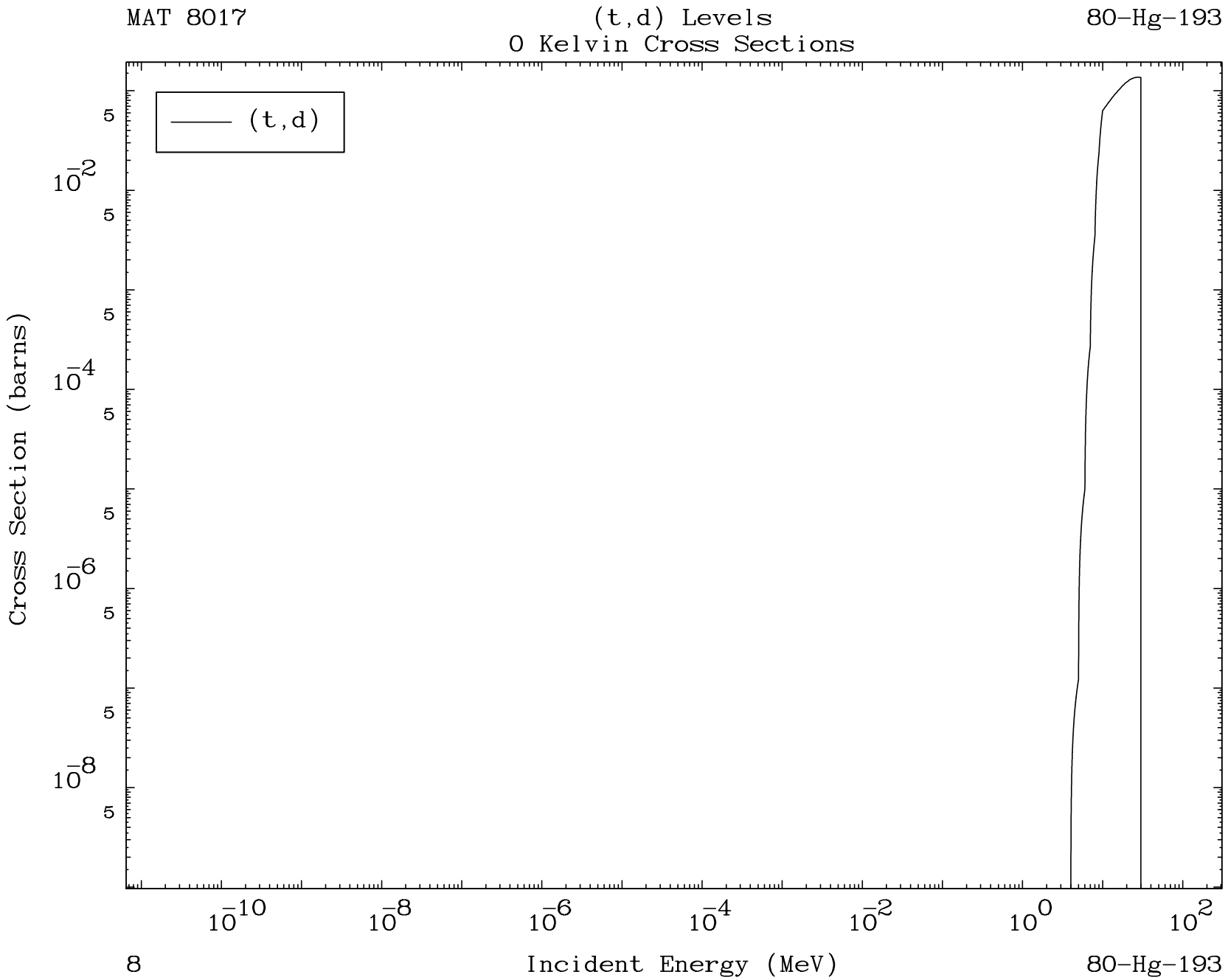

MAT 8017
Triton Neutron Production
0 Kelvin Cross Sections
80-Hg-193
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
80-Hg-193

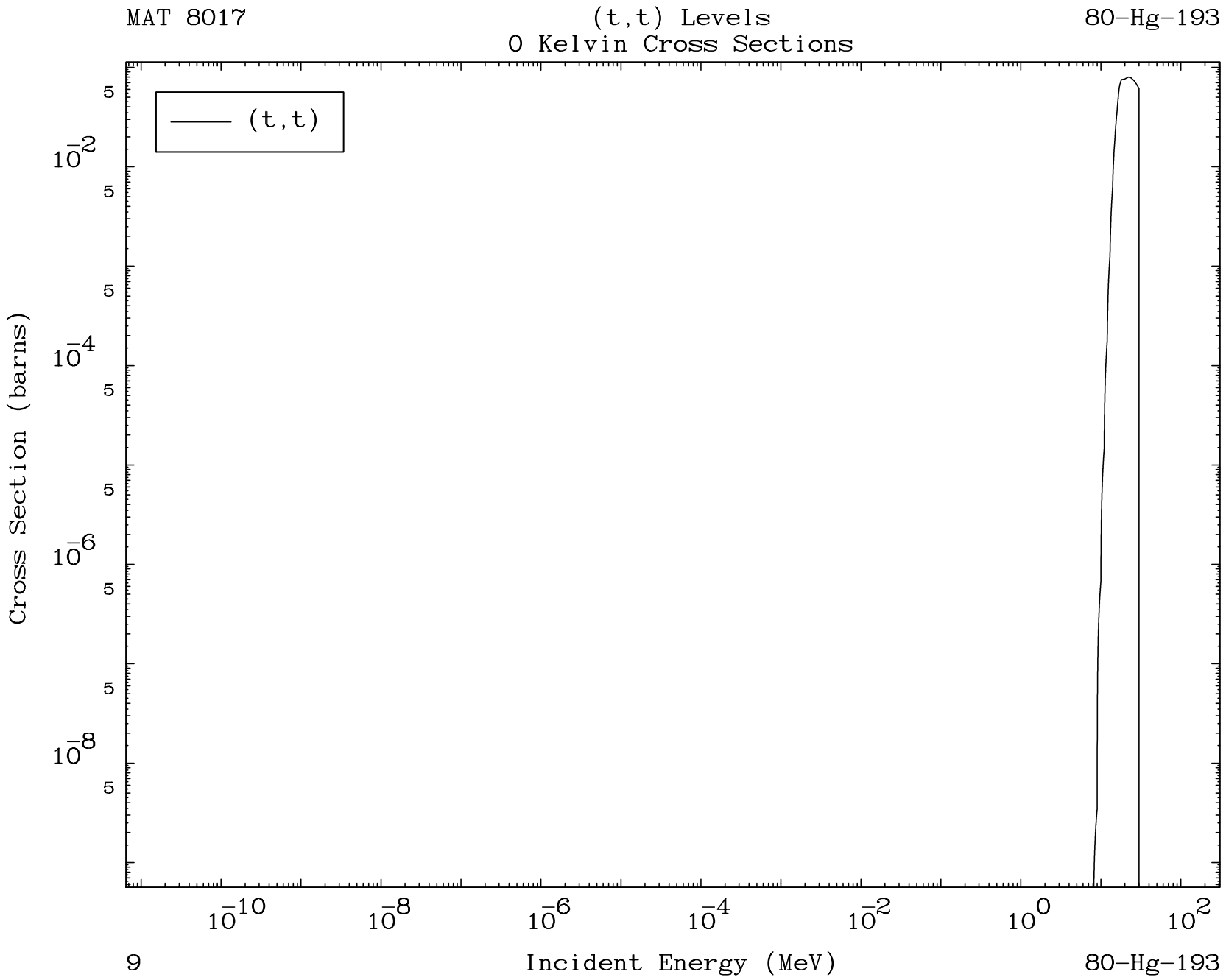

MAT 8017
Triton Charged Particle
0 Kelvin Cross Sections
80-Hg-193
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
80-Hg-193

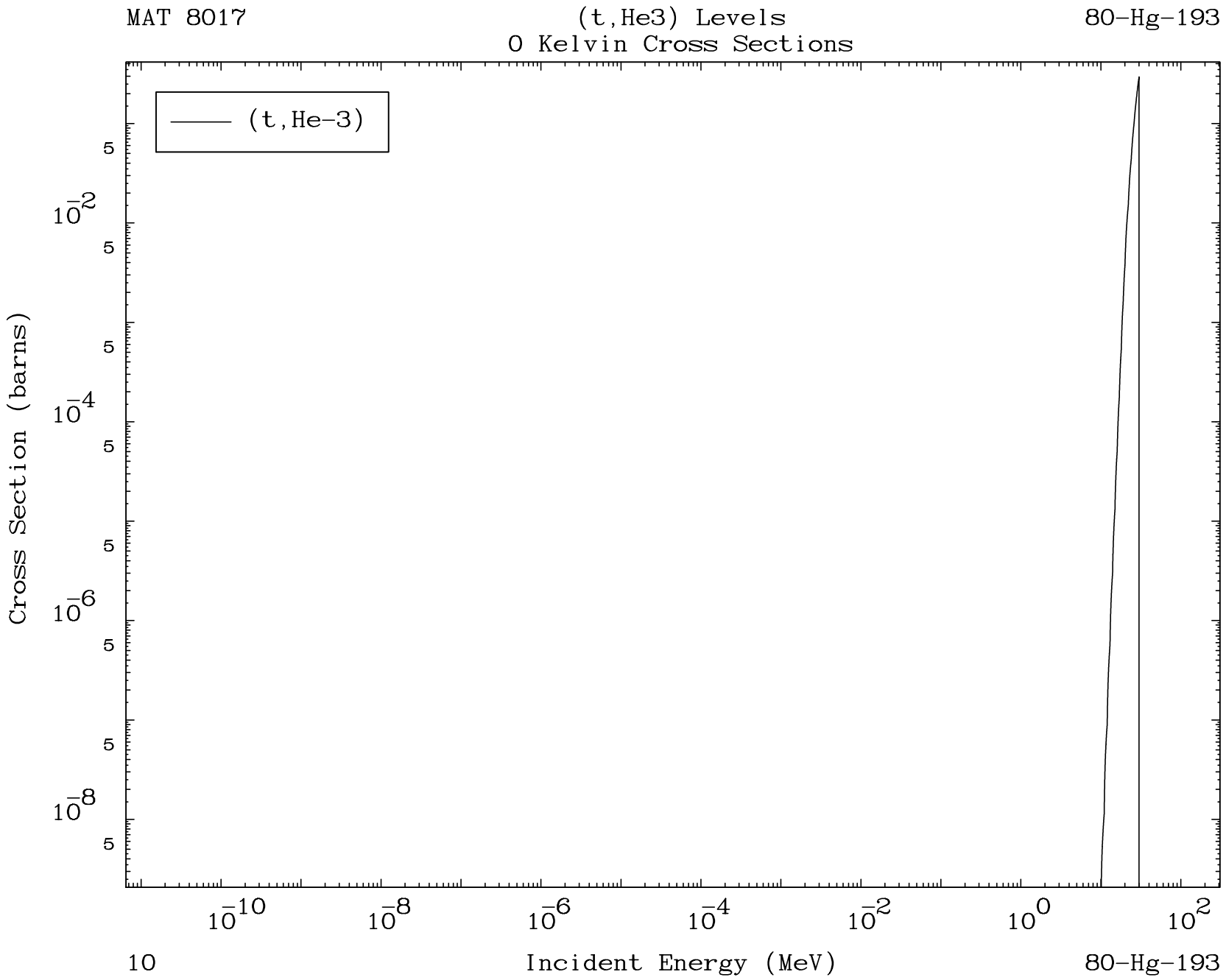

MAT 8017
Triton Charged Particle
0 Kelvin Cross Sections
80-Hg-193
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2α)
(t,2p)
(t,p) α
(t,p) d
(t,p) t
Cross Section (barns)
Incident Energy (MeV)
80-Hg-193

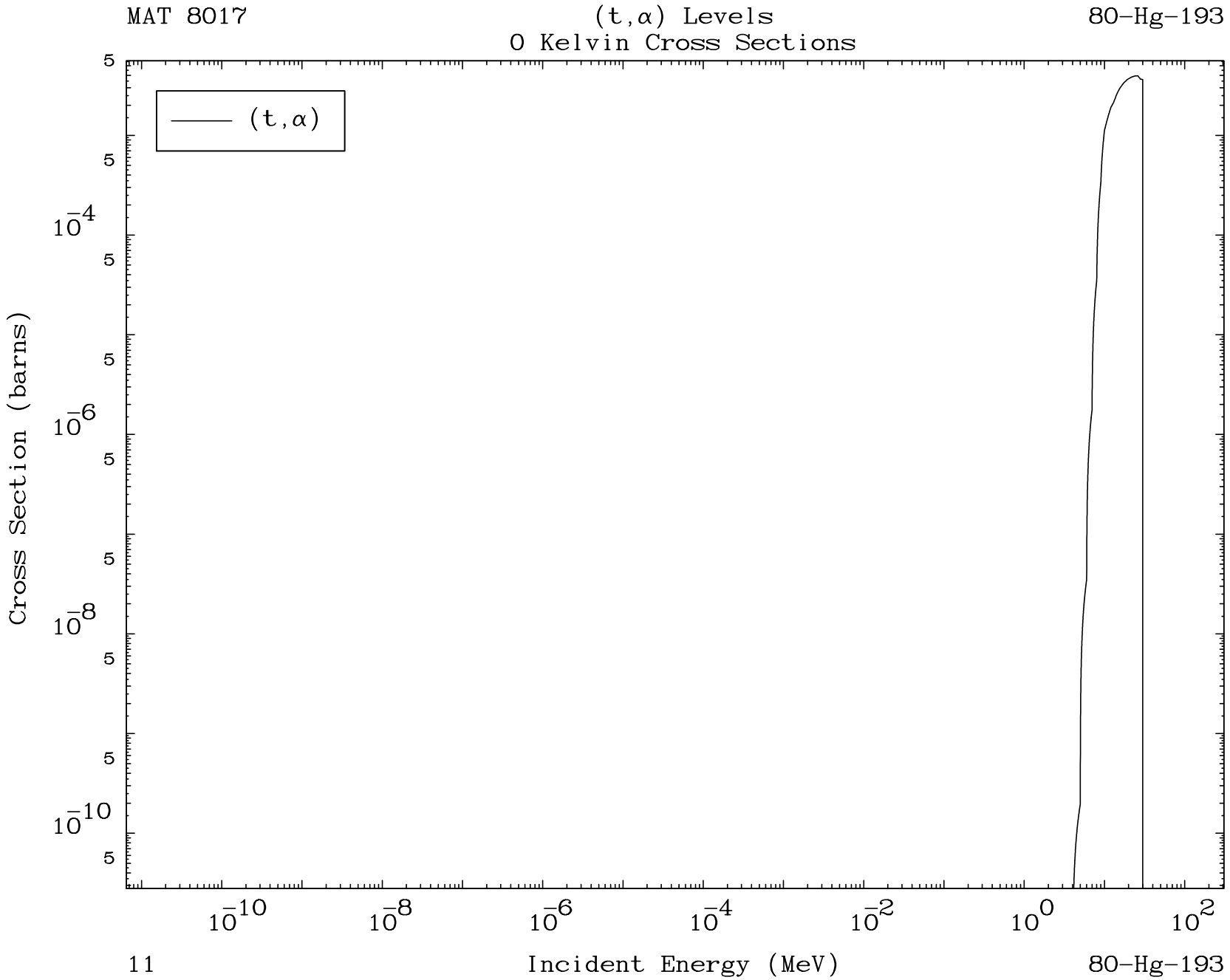

MAT 8017
(t,n') Level
80-Hg-193
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
80-Hg-193

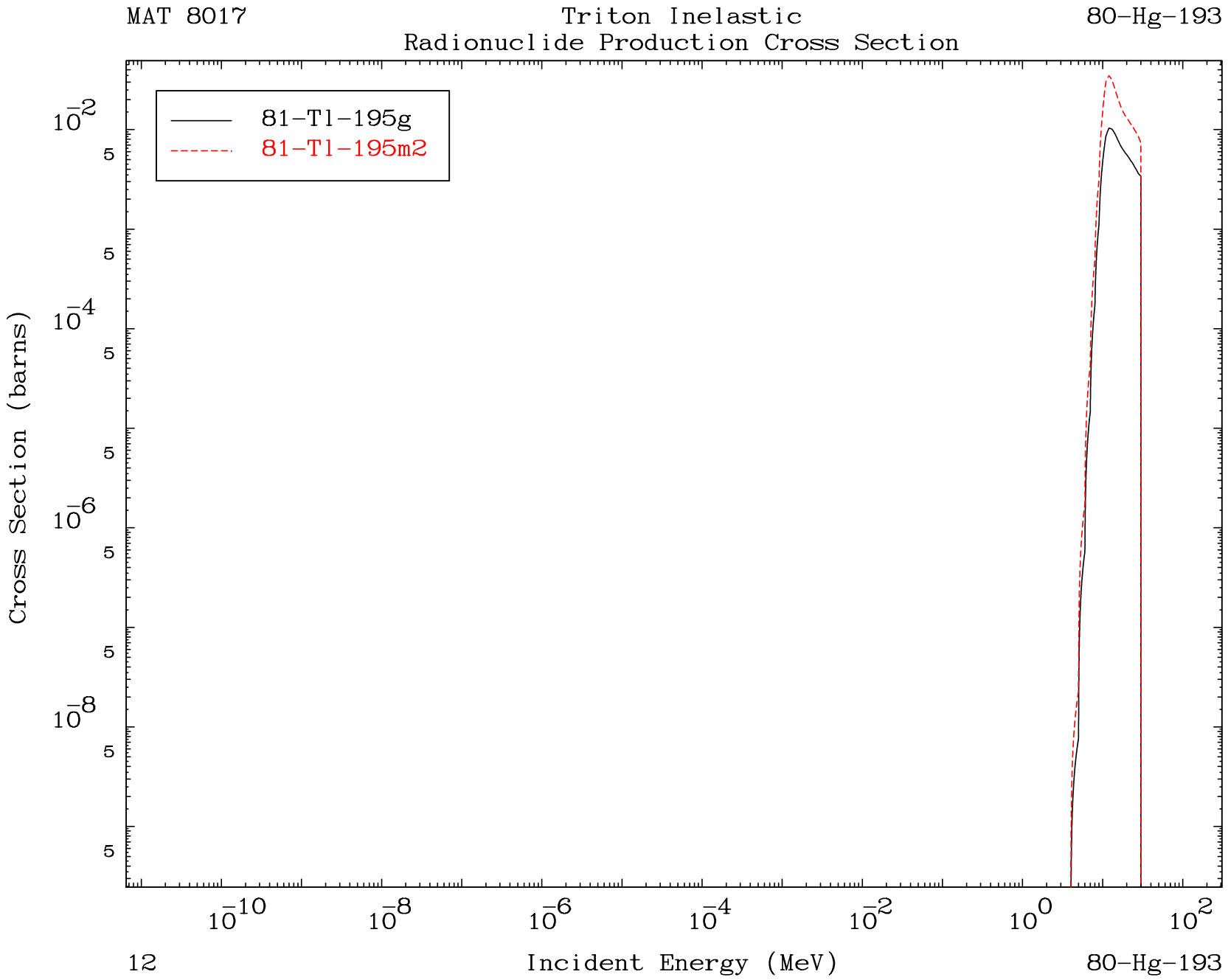

MAT 8017
(t,p) Levels
80-Hg-193
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
7
80-Hg-193

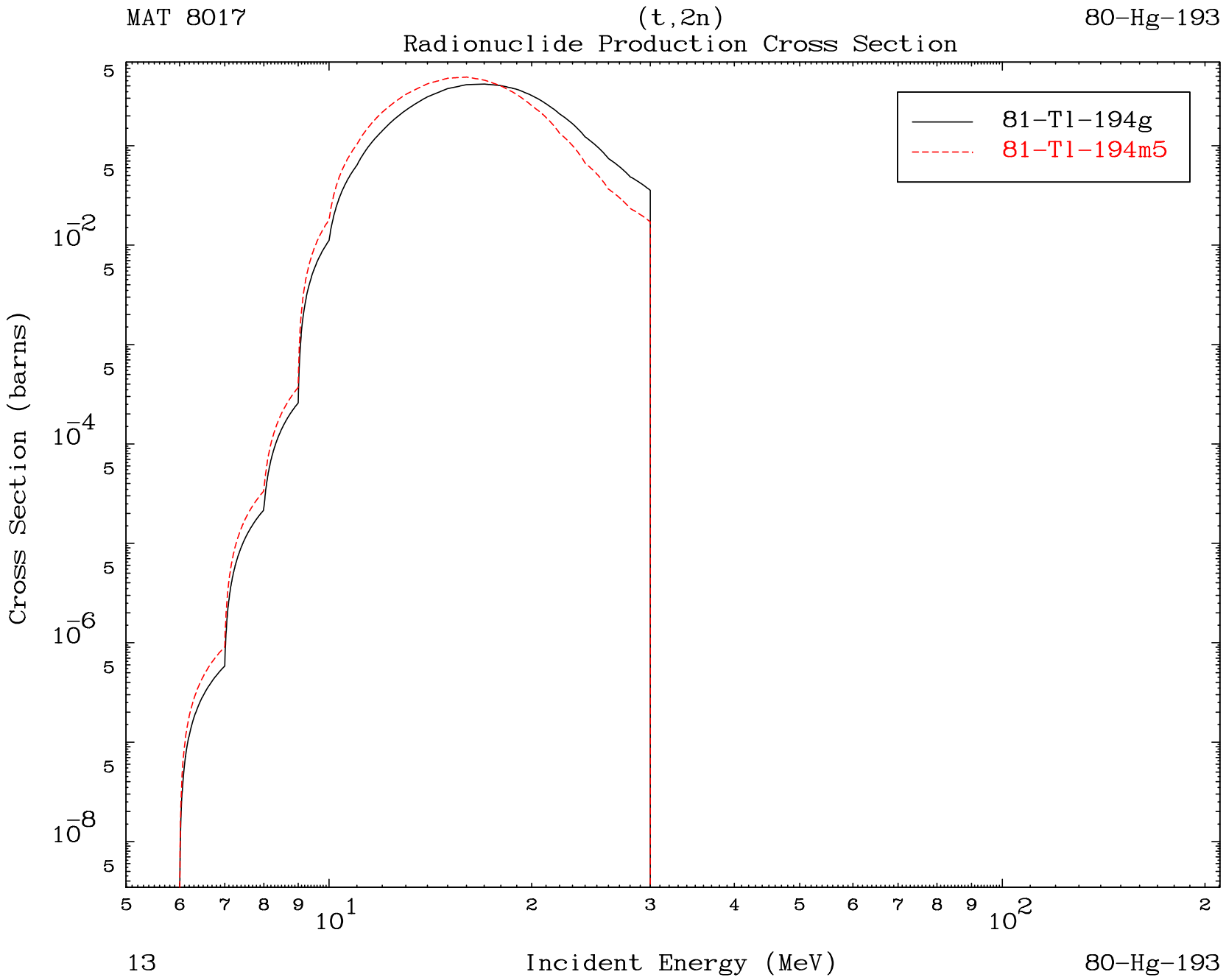

MAT 8017
(t,d) Levels
80-Hg-193
0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
8
80-Hg-193

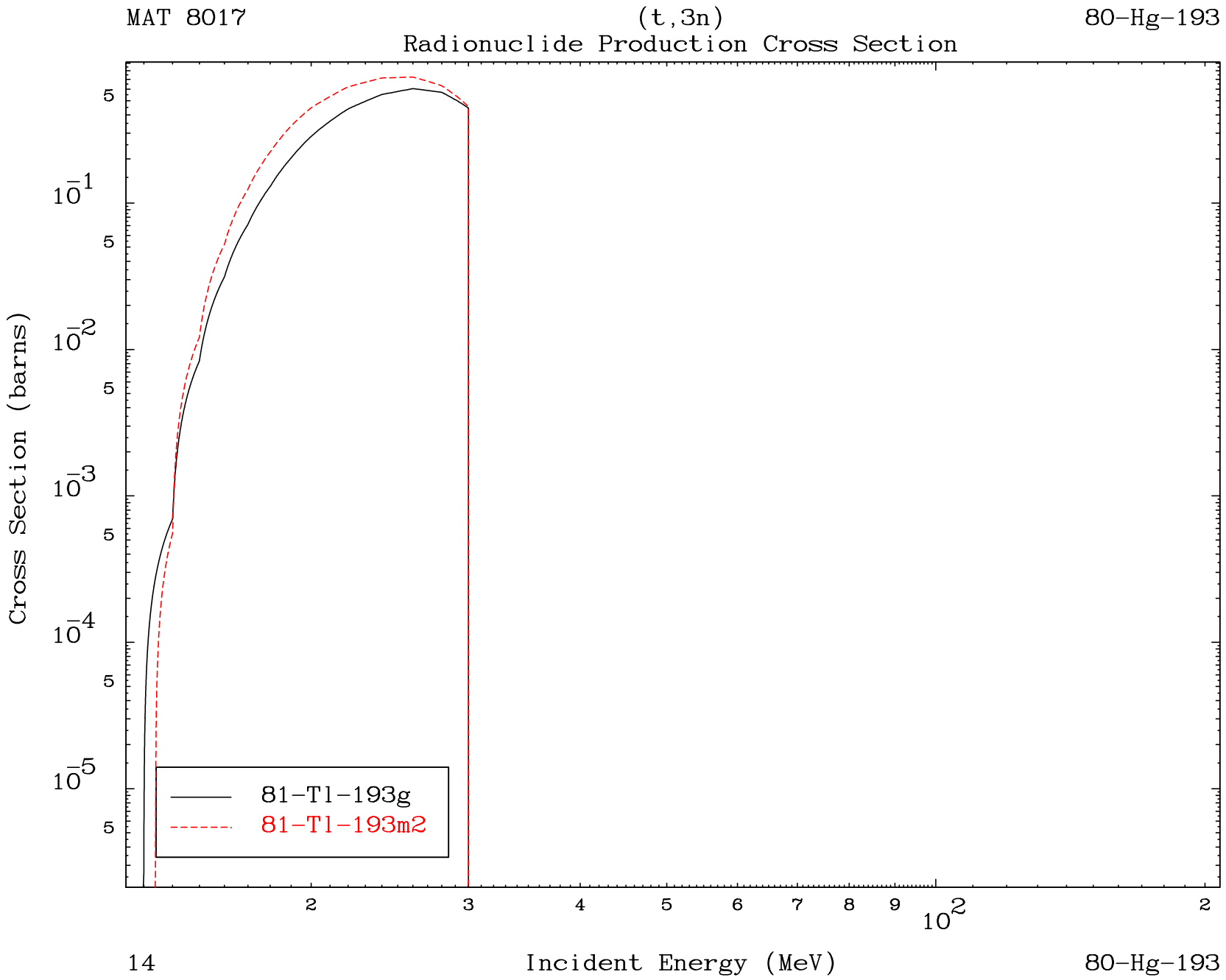

MAT 8017
(t,t) Levels
80-Hg-193
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
9
80-Hg-193

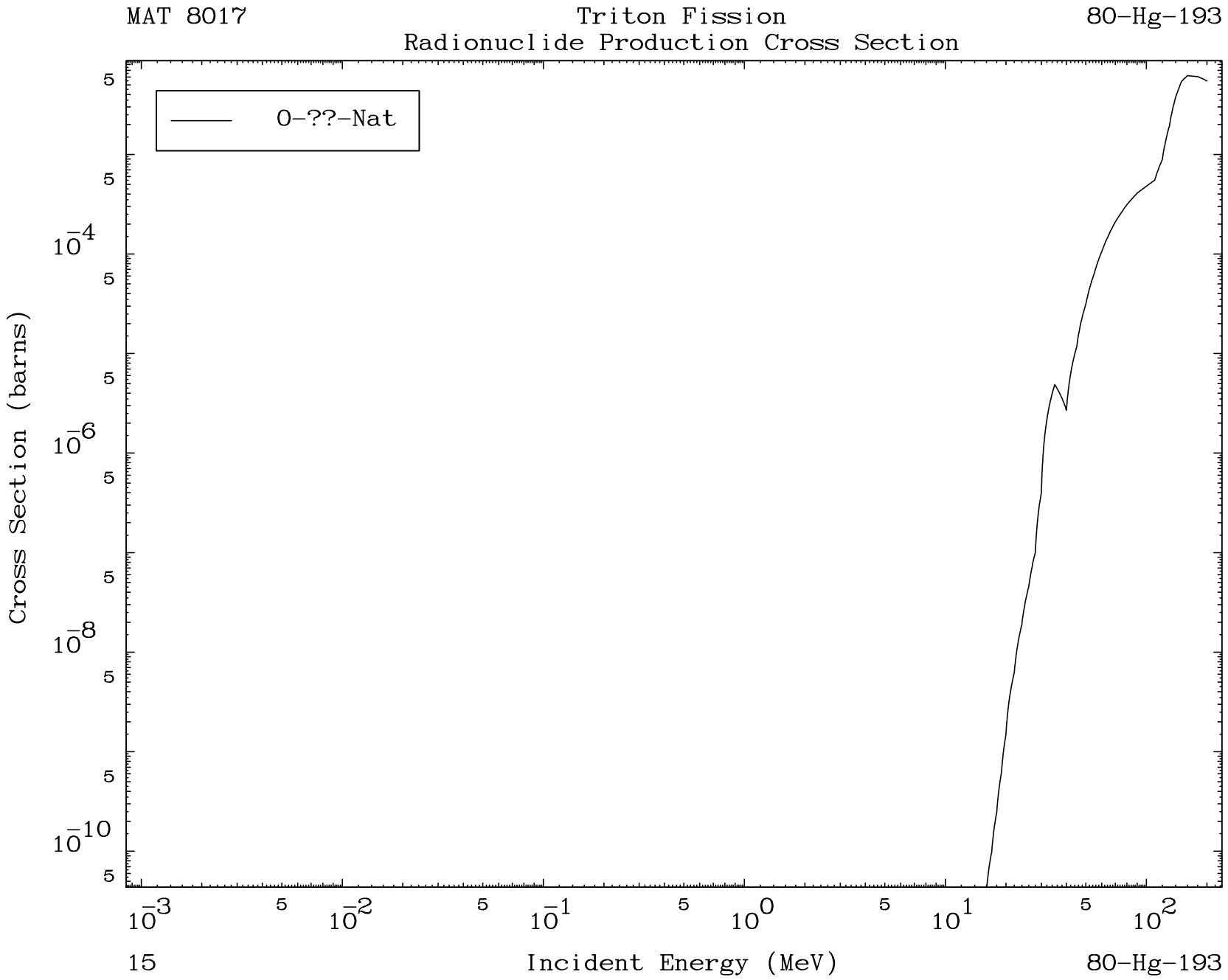

MAT 8017
(t,He3) Levels
80-Hg-193
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
80-Hg-193

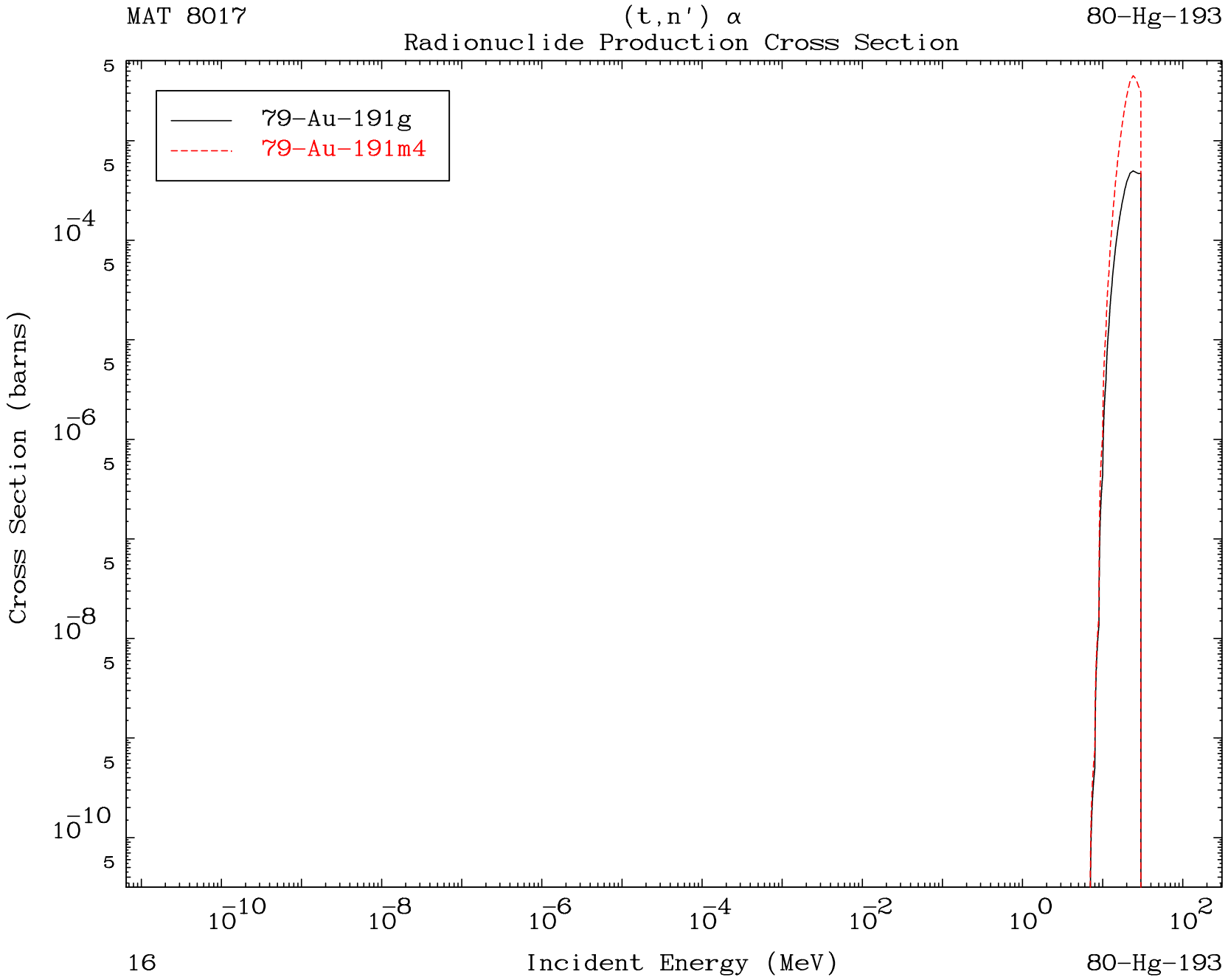

MAT 8017
(t,α) Levels
80-Hg-193
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
Incident Energy (MeV)
11
80-Hg-193

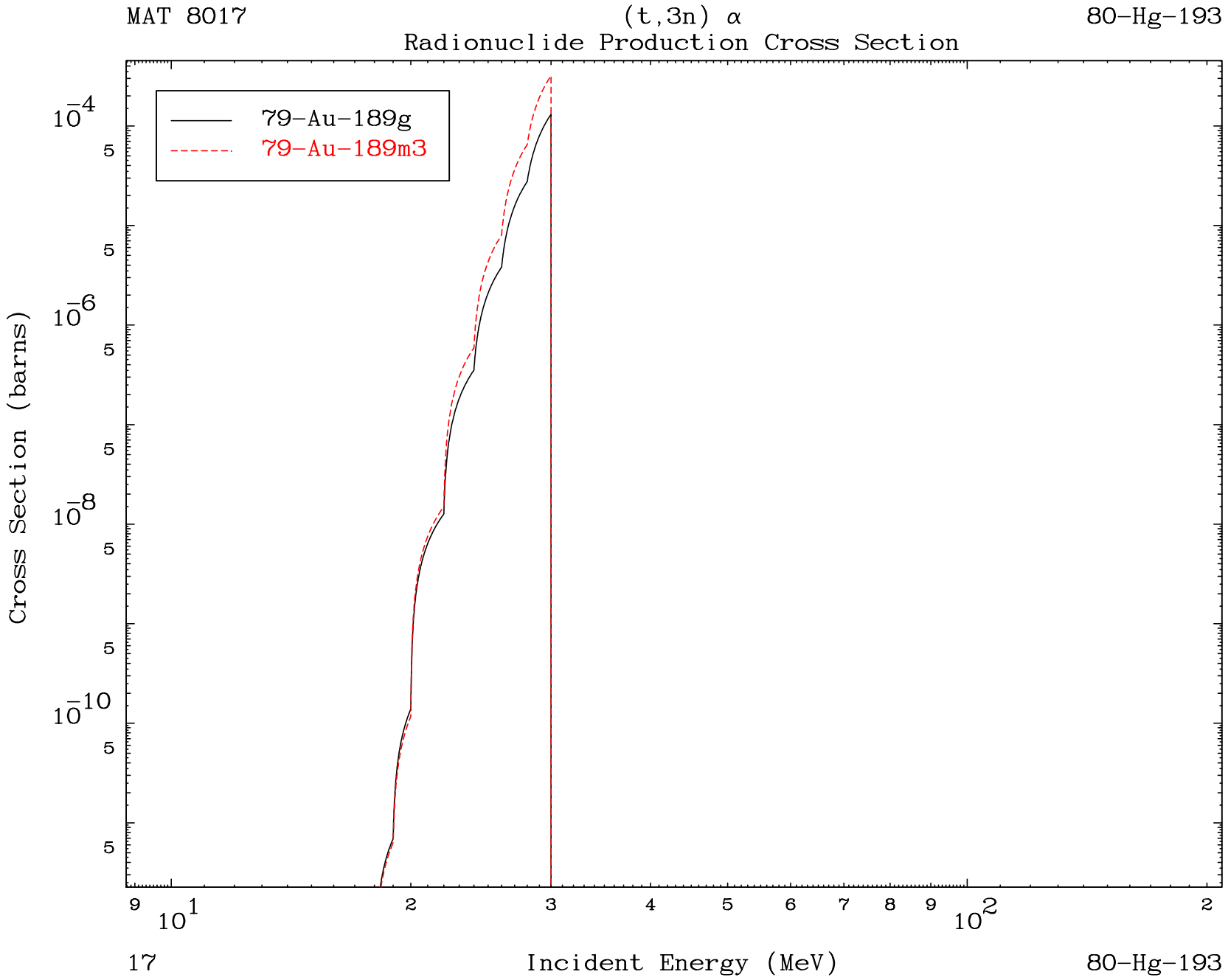

MAT 8017
Triton Inelastic
80-Hg-193
Radionuclide Production Cross Section
81-Tl-195g
81-Tl-195m2
Cross Section (barns)
Incident Energy (MeV)
12
80-Hg-193

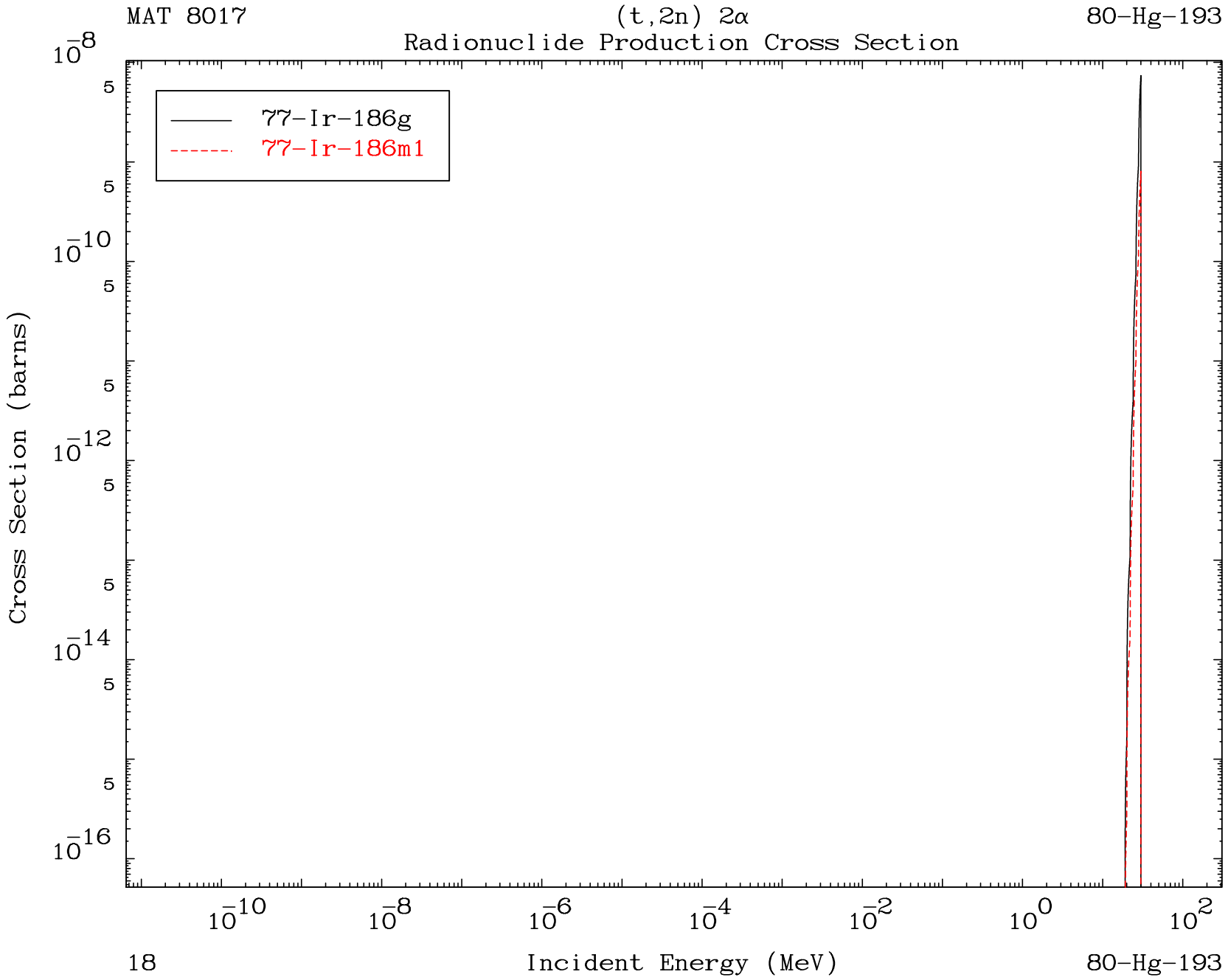

MAT 8017
(t,2n)
80-Hg-193
Radionuclide Production Cross Section
81-Tl-194g
81-Tl-194m5
Cross Section (barns)
Incident Energy (MeV)
13
80-Hg-193

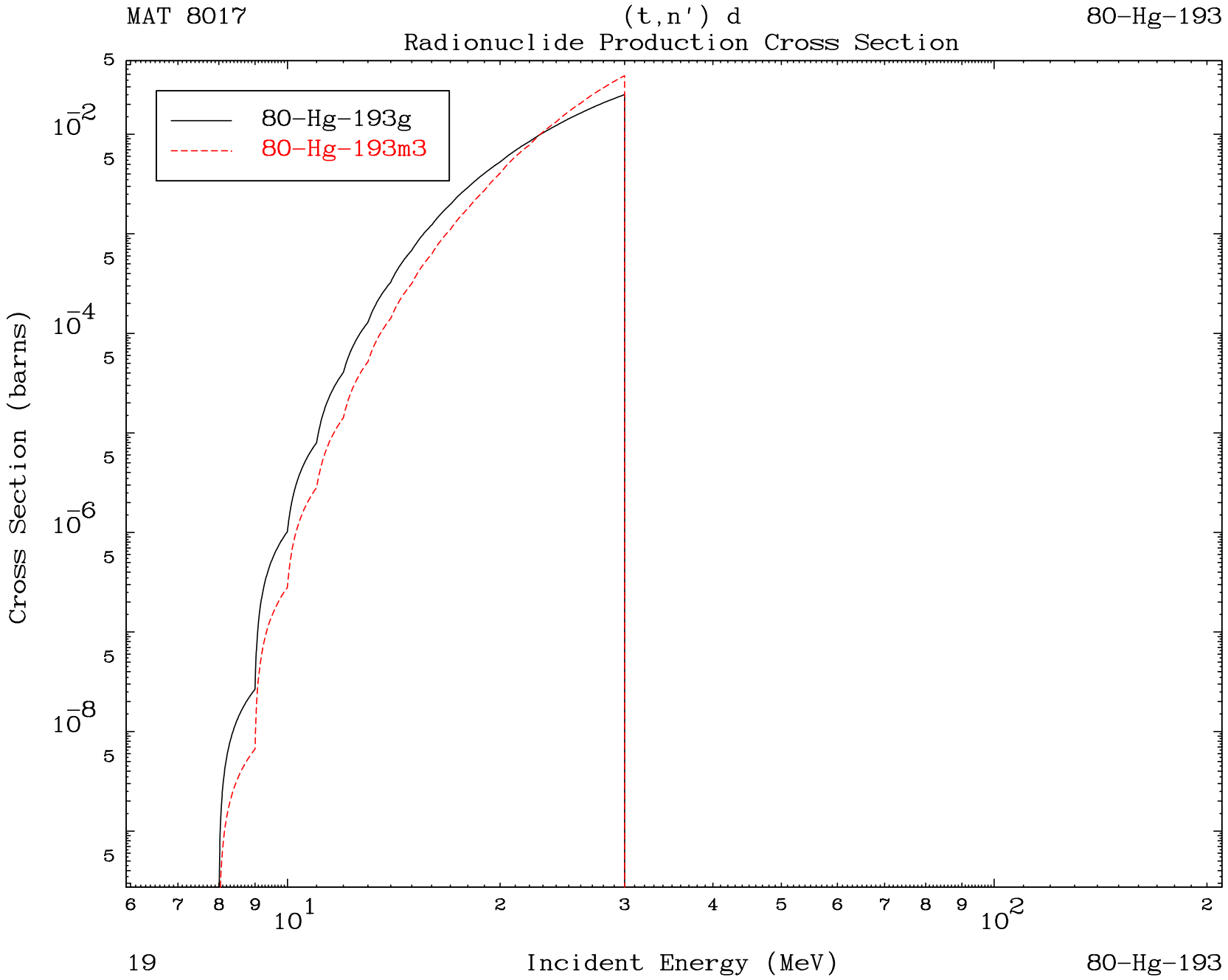

MAT 8017
(t,3n)
80-Hg-193
Radionuclide Production Cross Section
Cross Section (barns)
10-1
10-2
10-3
10-4
10-5
5
2
3
4
5
6
7
8
9
10 2
81-Tl-193g
81-Tl-193m2
14
Incident Energy (MeV)
80-Hg-193

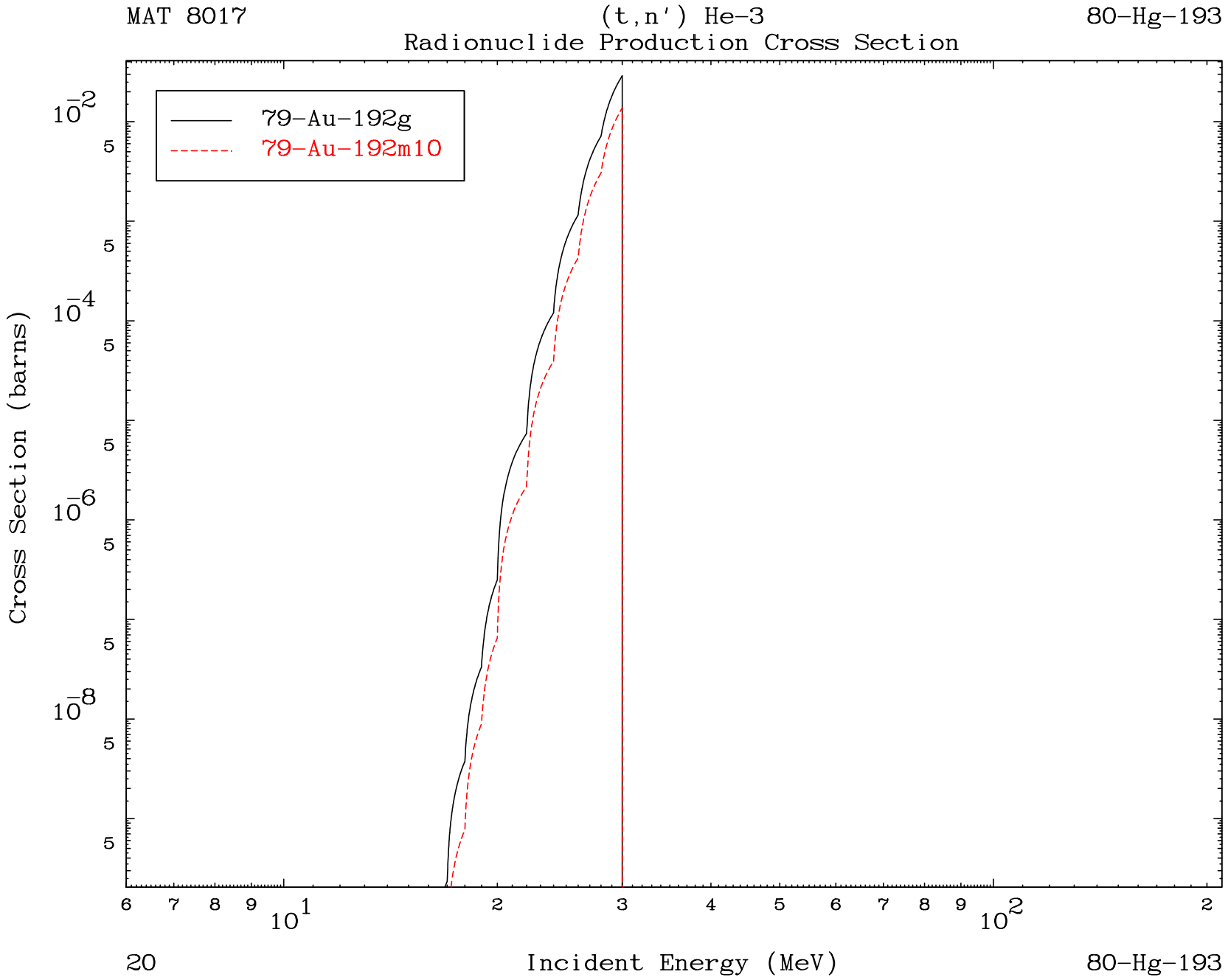

MAT 8017
Triton Fission
80-Hg-193
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
80-Hg-193
15

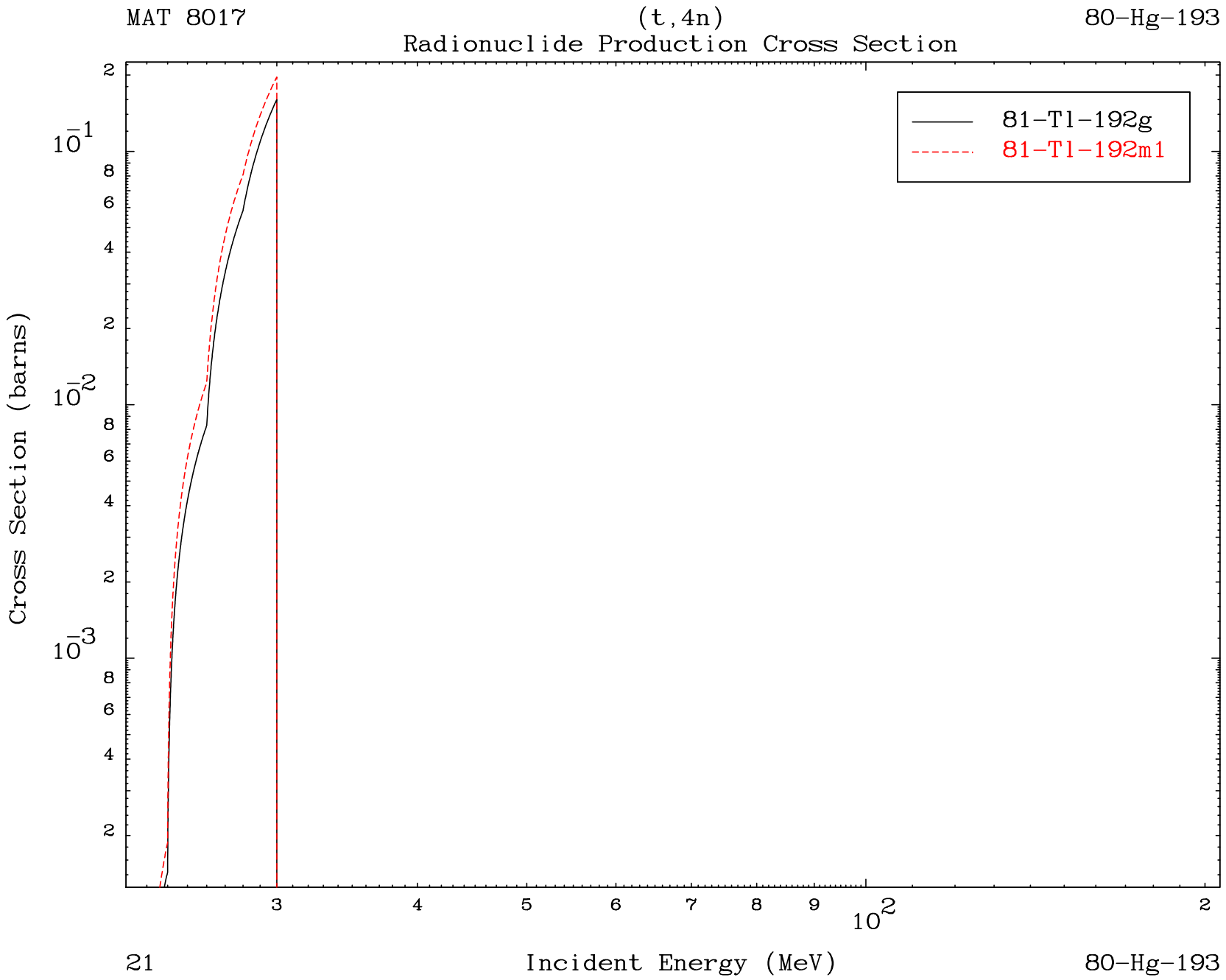

MAT 8017
(t,n') α
80-Hg-193
Radionuclide Production Cross Section
79-Au-191g
79-Au-191m4
Cross Section (barns)
Incident Energy (MeV)
16
80-Hg-193

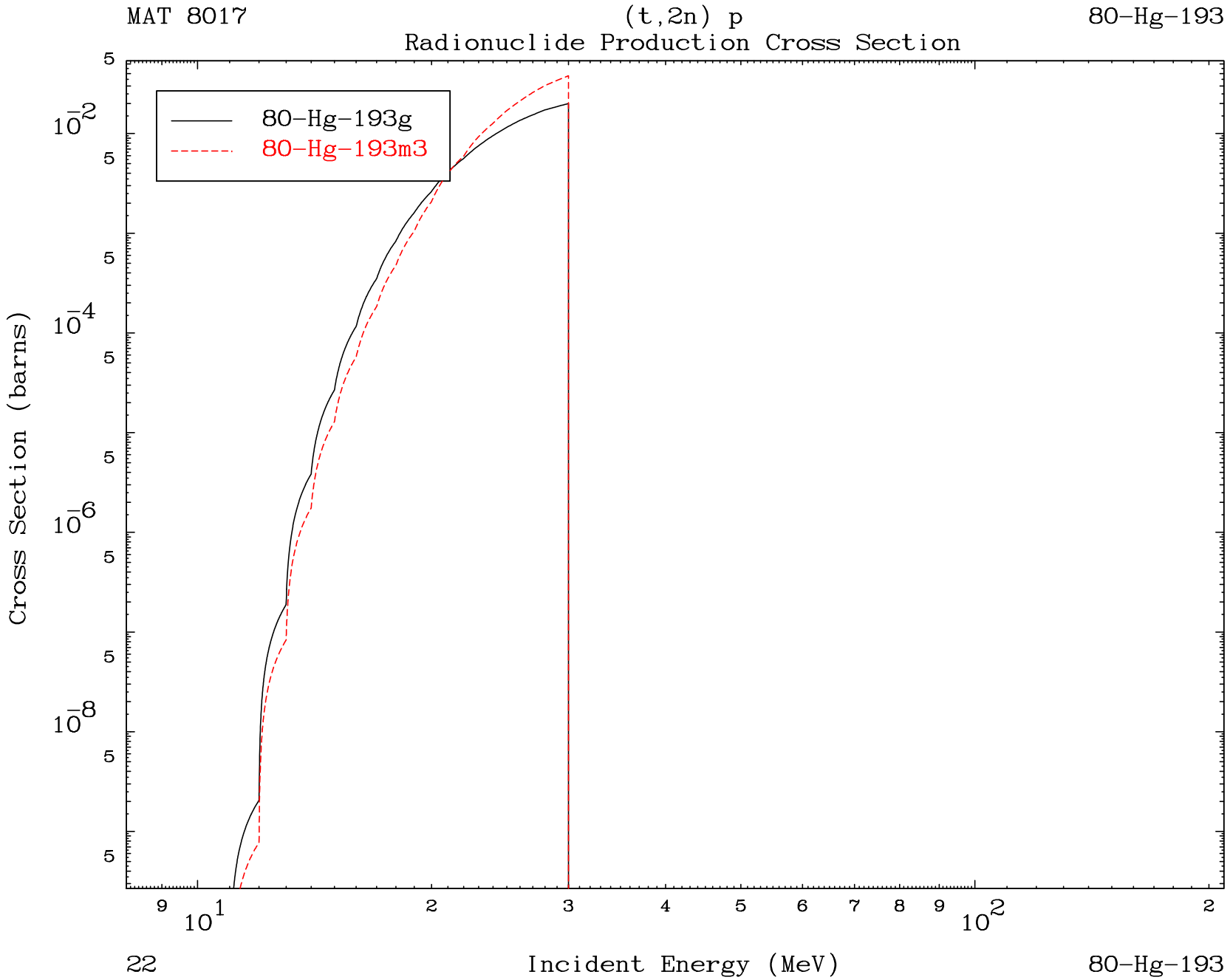

MAT 8017
(t,3n) α
80-Hg-193
Radionuclide Production Cross Section
79-Au-189g
79-Au-189m3
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
9
10^1
2
3
4
5
6
7
8
9
10^2
2
17
Incident Energy (MeV)
80-Hg-193

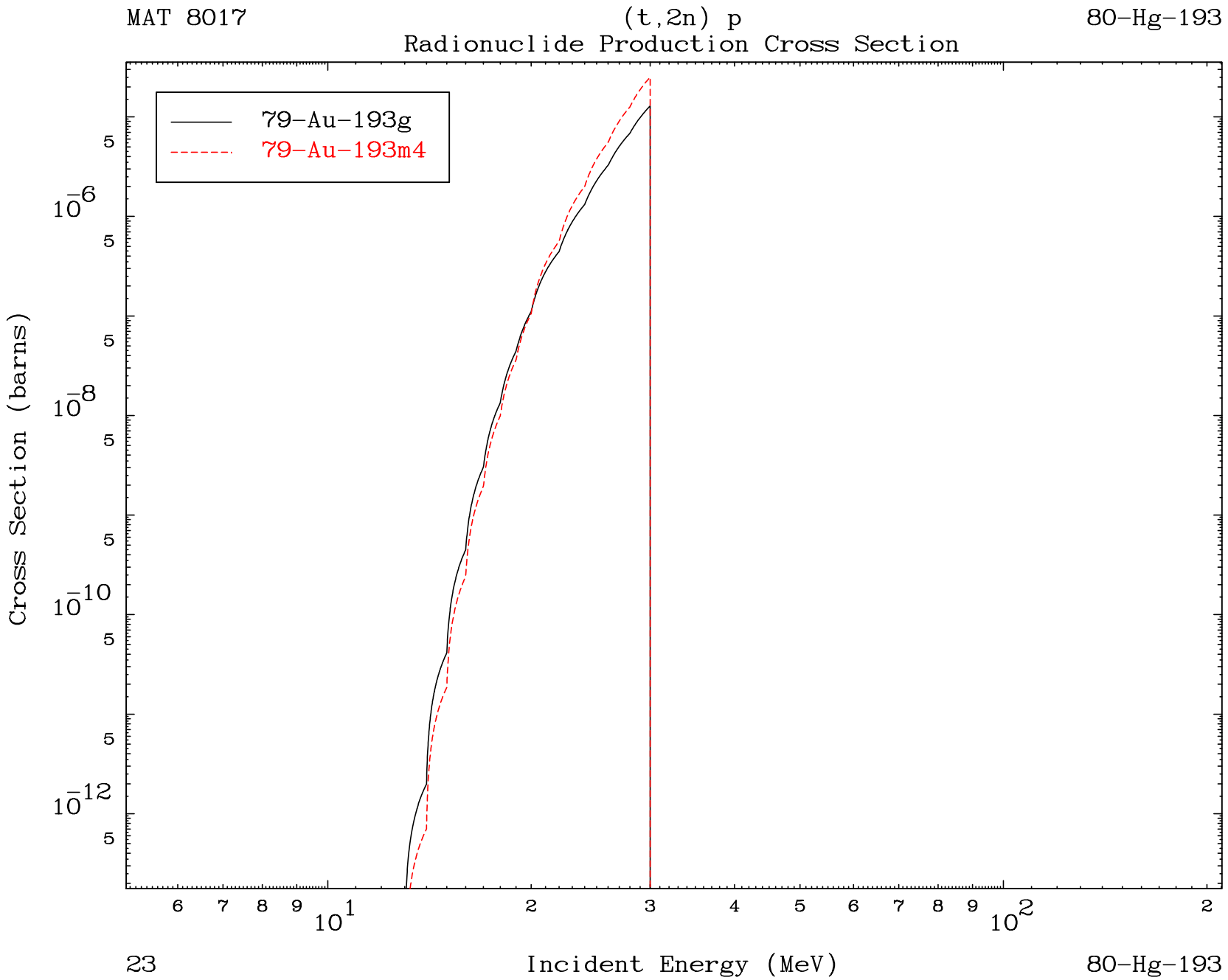

MAT 8017
(t,2n) 2α
80-Hg-193
Radionuclide Production Cross Section
77-Ir-186g
77-Ir-186m1
Cross Section (barns)
Incident Energy (MeV)
18
80-Hg-193

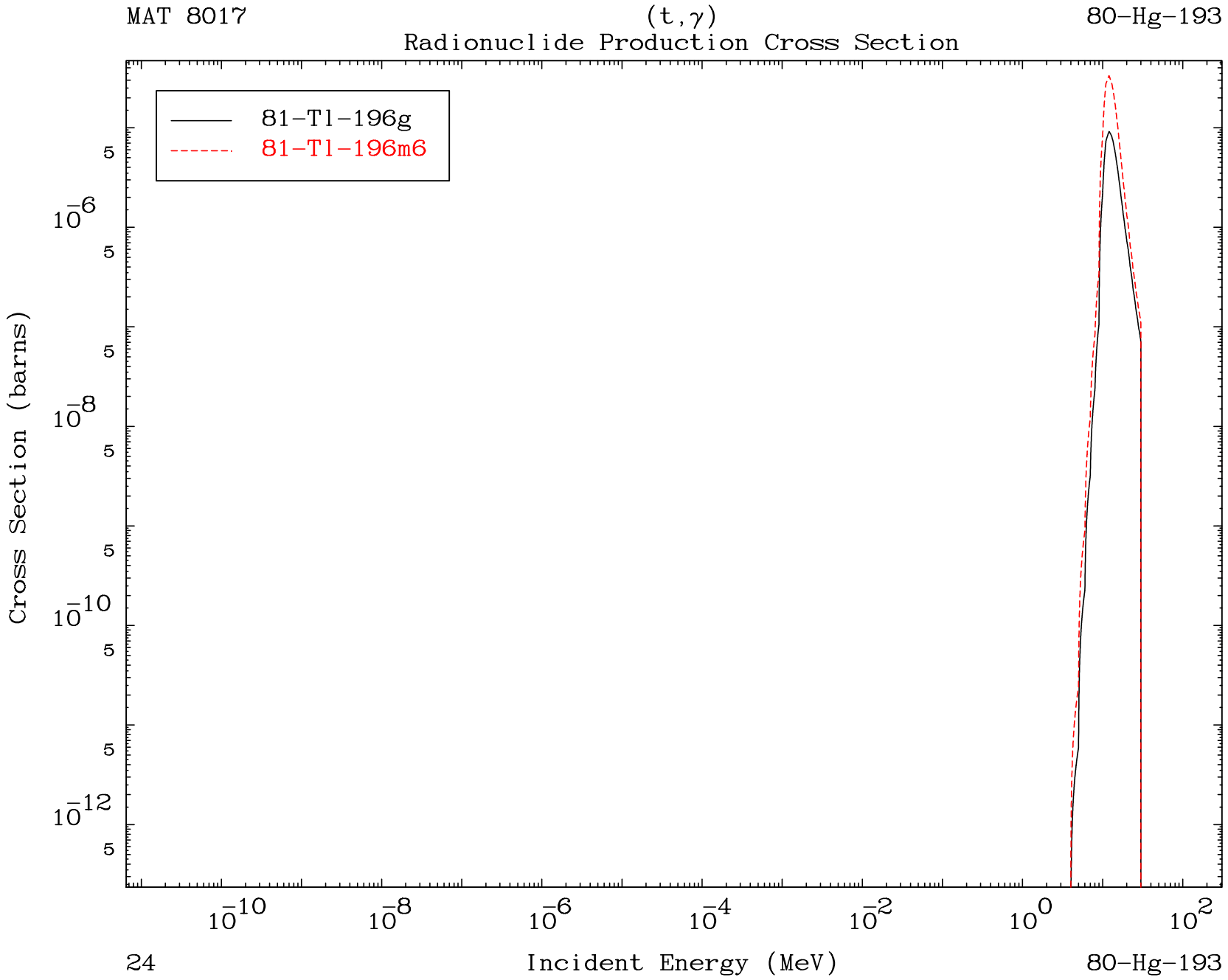

MAT 8017
(t,n') d
80-Hg-193
Radionuclide Production Cross Section
80-Hg-193g
80-Hg-193m3
Cross Section (barns)
Incident Energy (MeV)
19
80-Hg-193

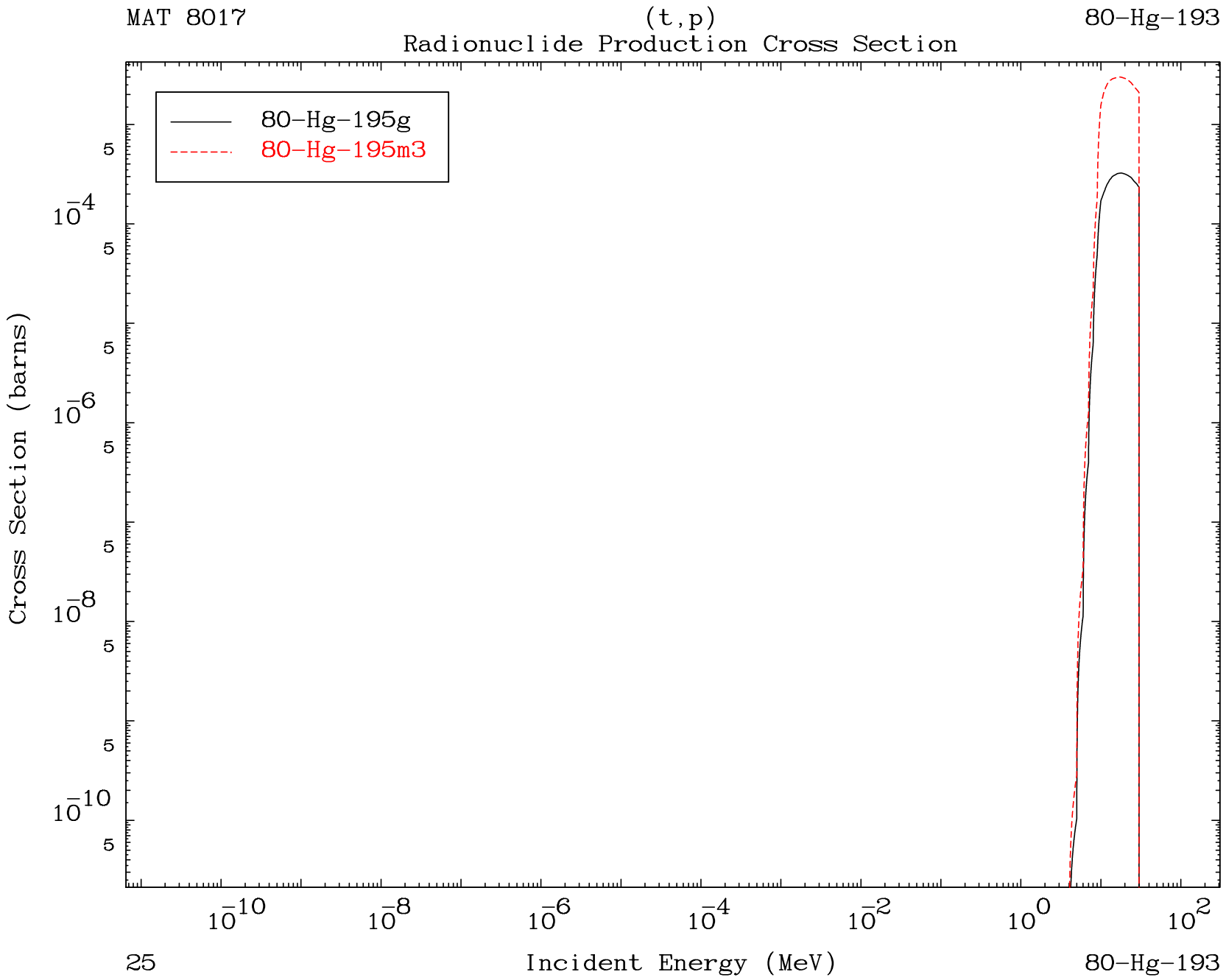

MAT 8017
(t,n') He-3
80-Hg-193
Radionuclide Production Cross Section
79-Au-192g
79-Au-192m10
Cross Section (barns)
10-2
10-4
10-6
10-8
5
6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
20
80-Hg-193

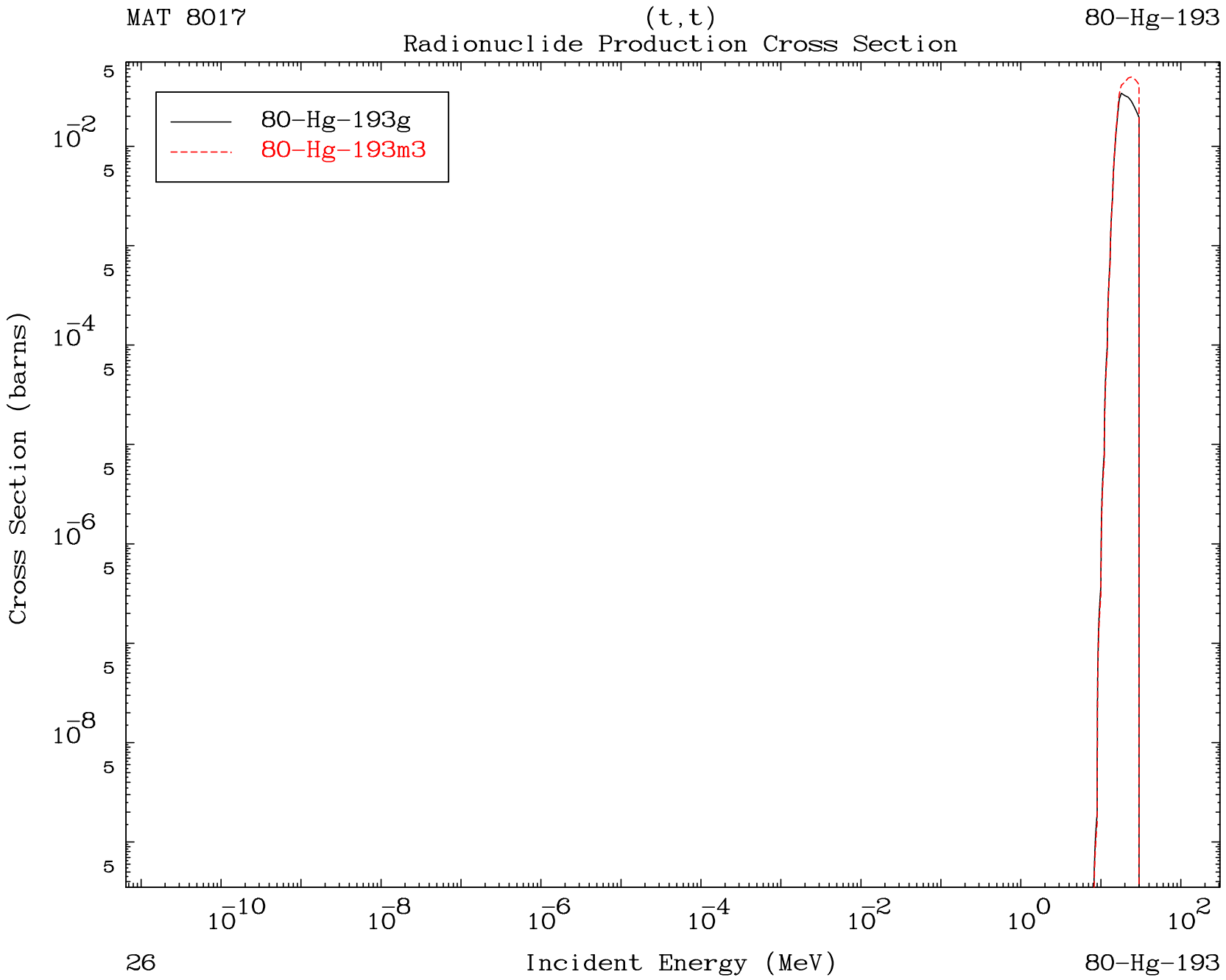

MAT 8017
(t,4n)
80-Hg-193
Radionuclide Production Cross Section
81-Tl-192g
81-Tl-192m1
Cross Section (barns)
Incident Energy (MeV)
21
80-Hg-193

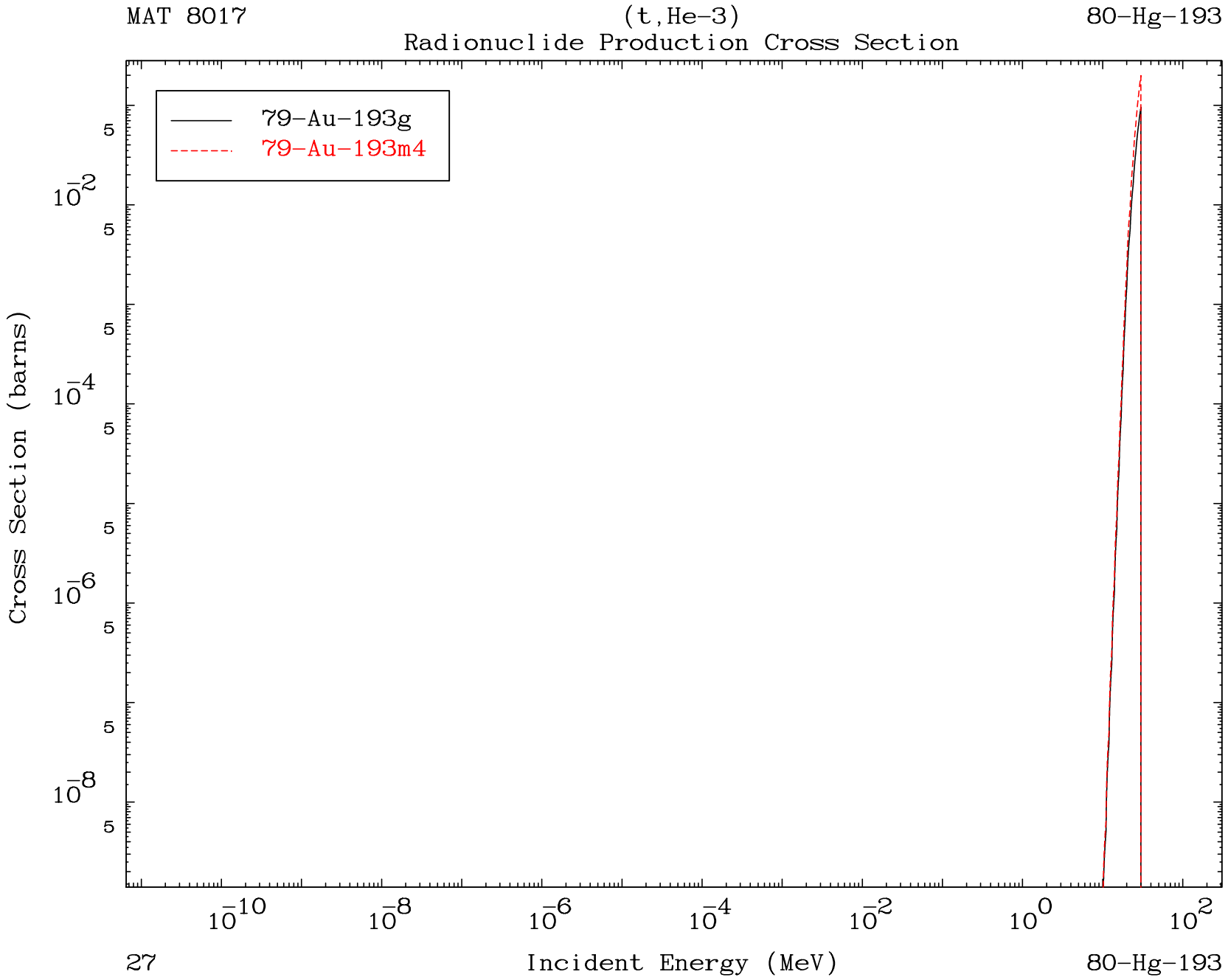

MAT 8017
(t,2n) p
80-Hg-193
Radionuclide Production Cross Section
80-Hg-193g
80-Hg-193m3
Cross Section (barns)
Incident Energy (MeV)
22
80-Hg-193

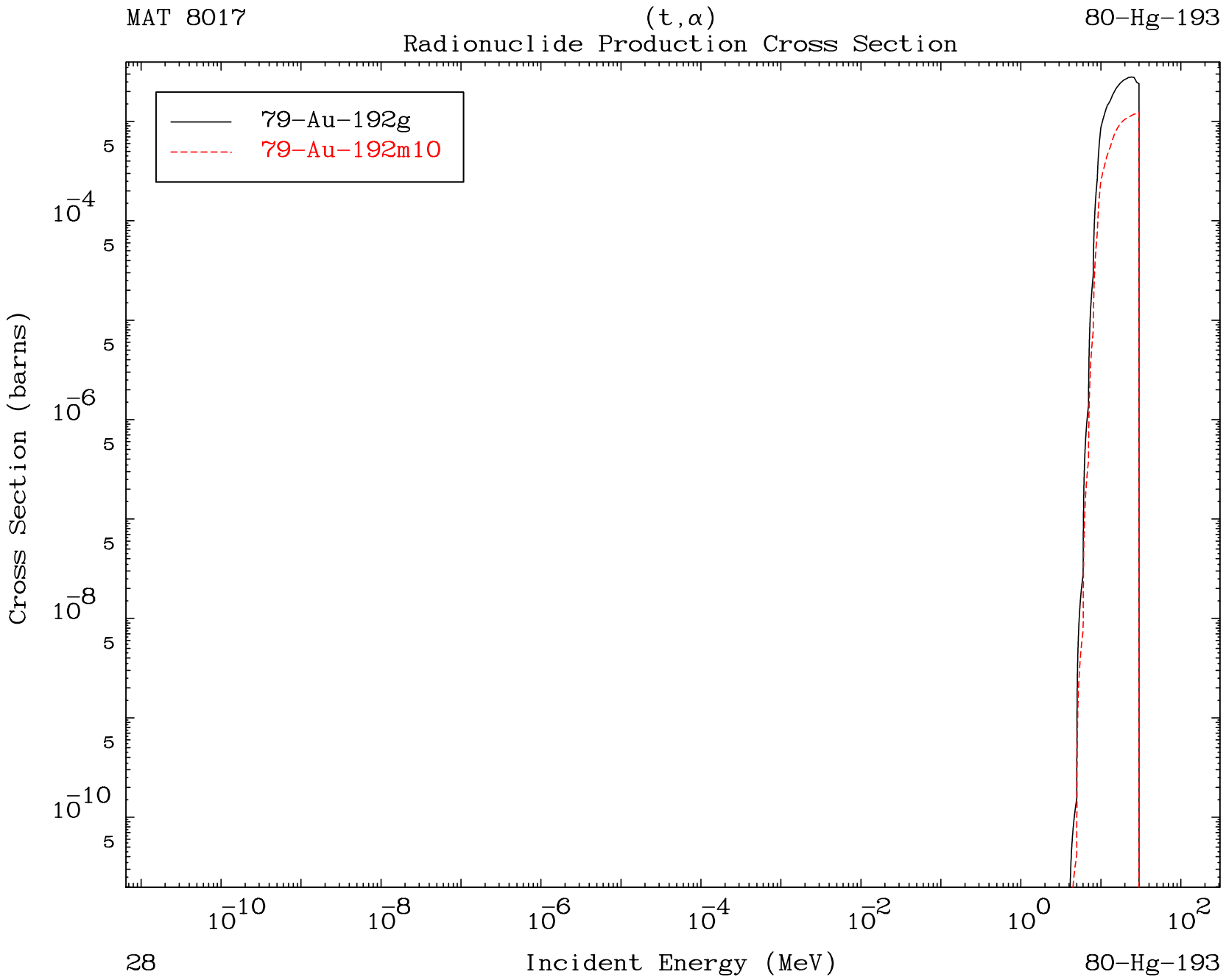

MAT 8017
(t,2n) p
80-Hg-193
Radionuclide Production Cross Section
79-Au-193g
79-Au-193m4
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
6 7 8 9
10^1
2 3 4 5 6 7 8 9
10^2
2
23
Incident Energy (MeV)
80-Hg-193

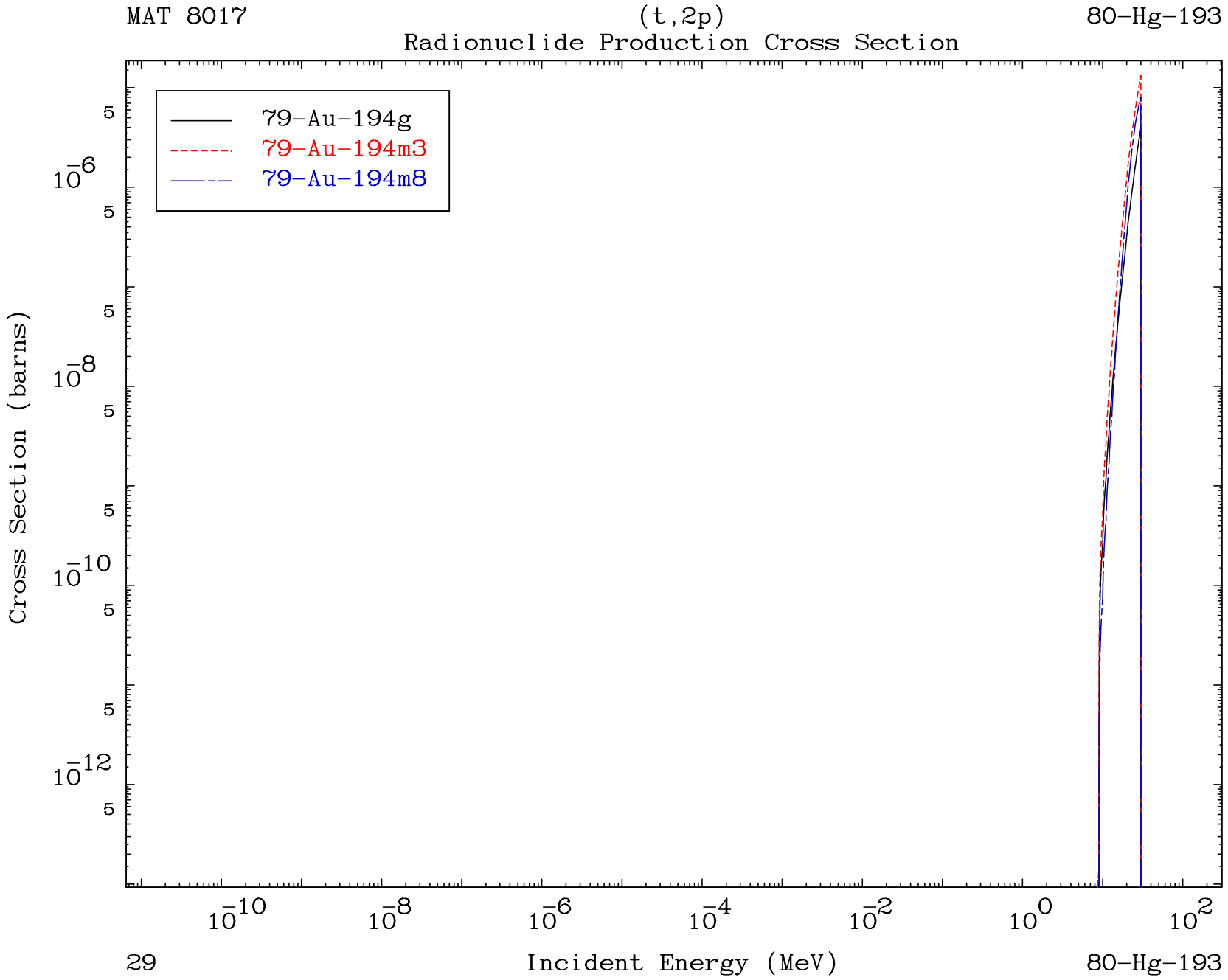

MAT 8017
(t,γ)
80-Hg-193
Radionuclide Production Cross Section
81-Tl-196g
81-Tl-196m6
Cross Section (barns)
Incident Energy (MeV)
24
80-Hg-193

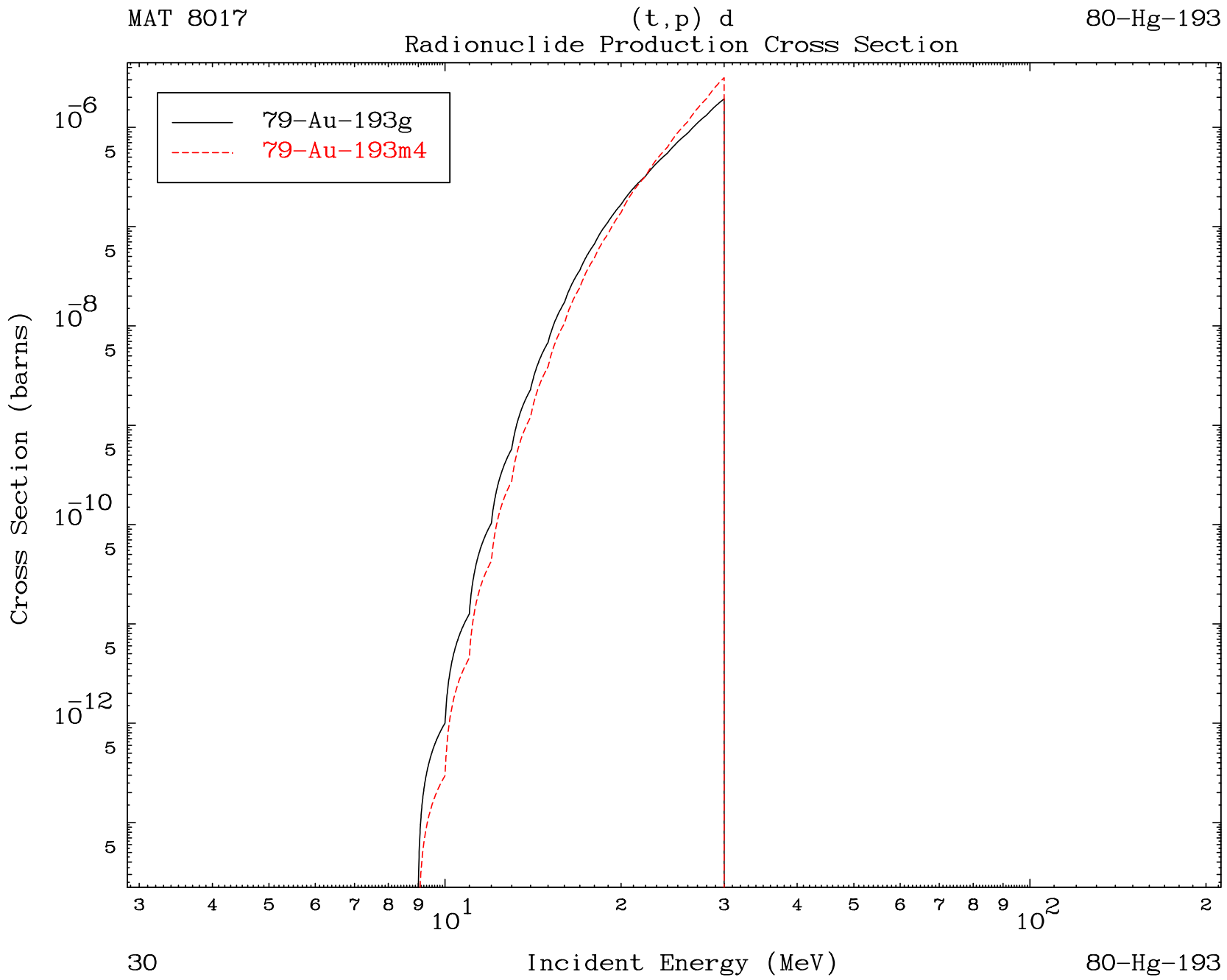

MAT 8017
(t,p)
80-Hg-193
Radionuclide Production Cross Section
80-Hg-195g
80-Hg-195m3
Cross Section (barns)
Incident Energy (MeV)
25
80-Hg-193

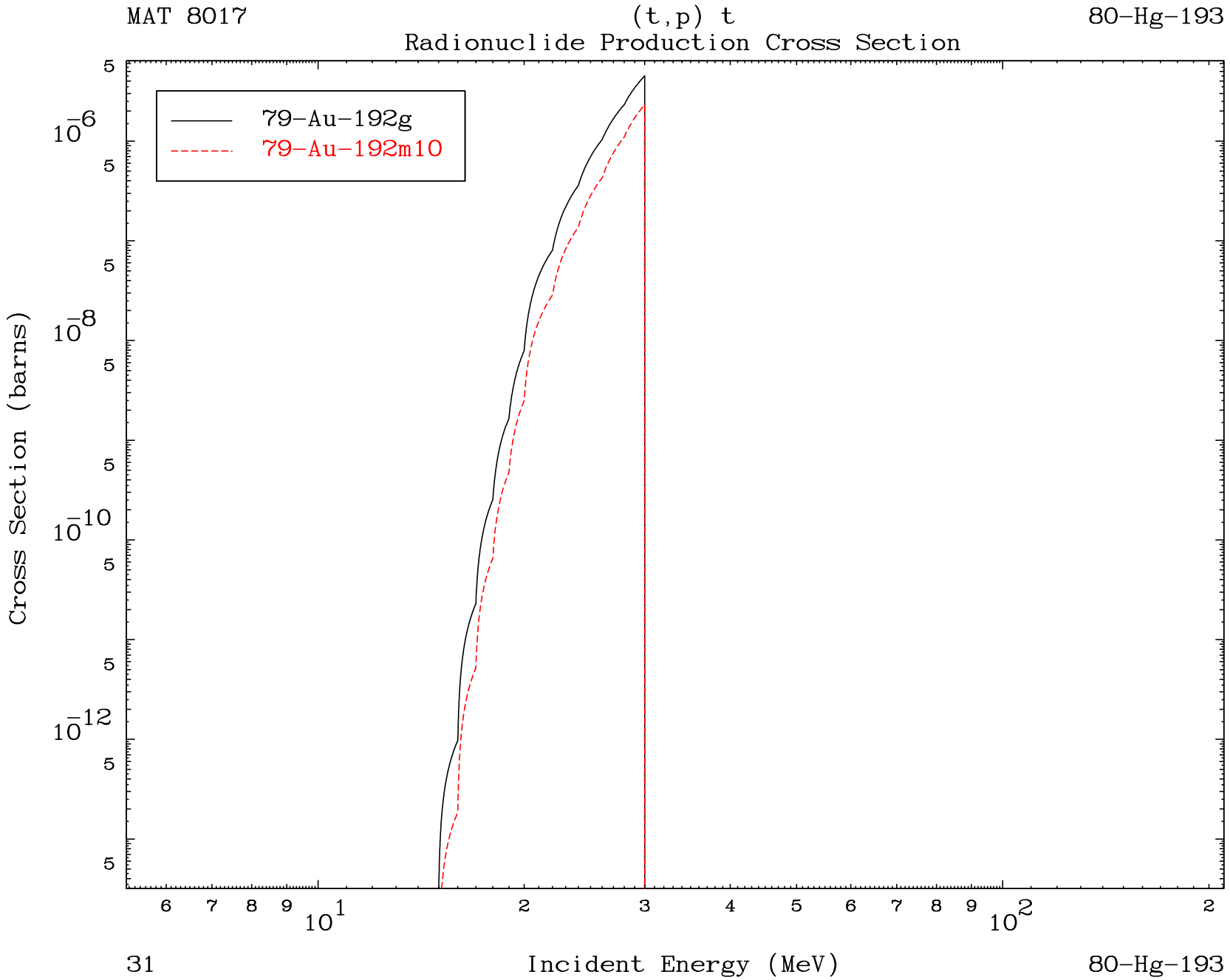

MAT 8017
(t,t)
80-Hg-193
Radionuclide Production Cross Section
80-Hg-193g
80-Hg-193m3
Cross Section (barns)
Incident Energy (MeV)
26
80-Hg-193


MAT 8017
(t,He-3)
80-Hg-193
Radionuclide Production Cross Section
79-Au-193g
79-Au-193m4
Cross Section (barns)
Incident Energy (MeV)
27
80-Hg-193


MAT 8017
(t,α)
80-Hg-193
Radionuclide Production Cross Section
79-Au-192g
79-Au-192m10
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
28
Incident Energy (MeV)
80-Hg-193


MAT 8017
(t,2p)
80-Hg-193
Radionuclide Production Cross Section
79-Au-194g
79-Au-194m3
79-Au-194m8
Cross Section (barns)
Incident Energy (MeV)
29
80-Hg-193


MAT 8017
(t,p) d
80-Hg-193
Radionuclide Production Cross Section
79-Au-193g
79-Au-193m4
Cross Section (barns)
10-6
10-8
10-10
10-12
5
3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
30
Incident Energy (MeV)
80-Hg-193


MAT 8017
(t,p) t
80-Hg-193
Radionuclide Production Cross Section
79-Au-192g
79-Au-192m10
Cross Section (barns)
Incident Energy (MeV)
31
80-Hg-193