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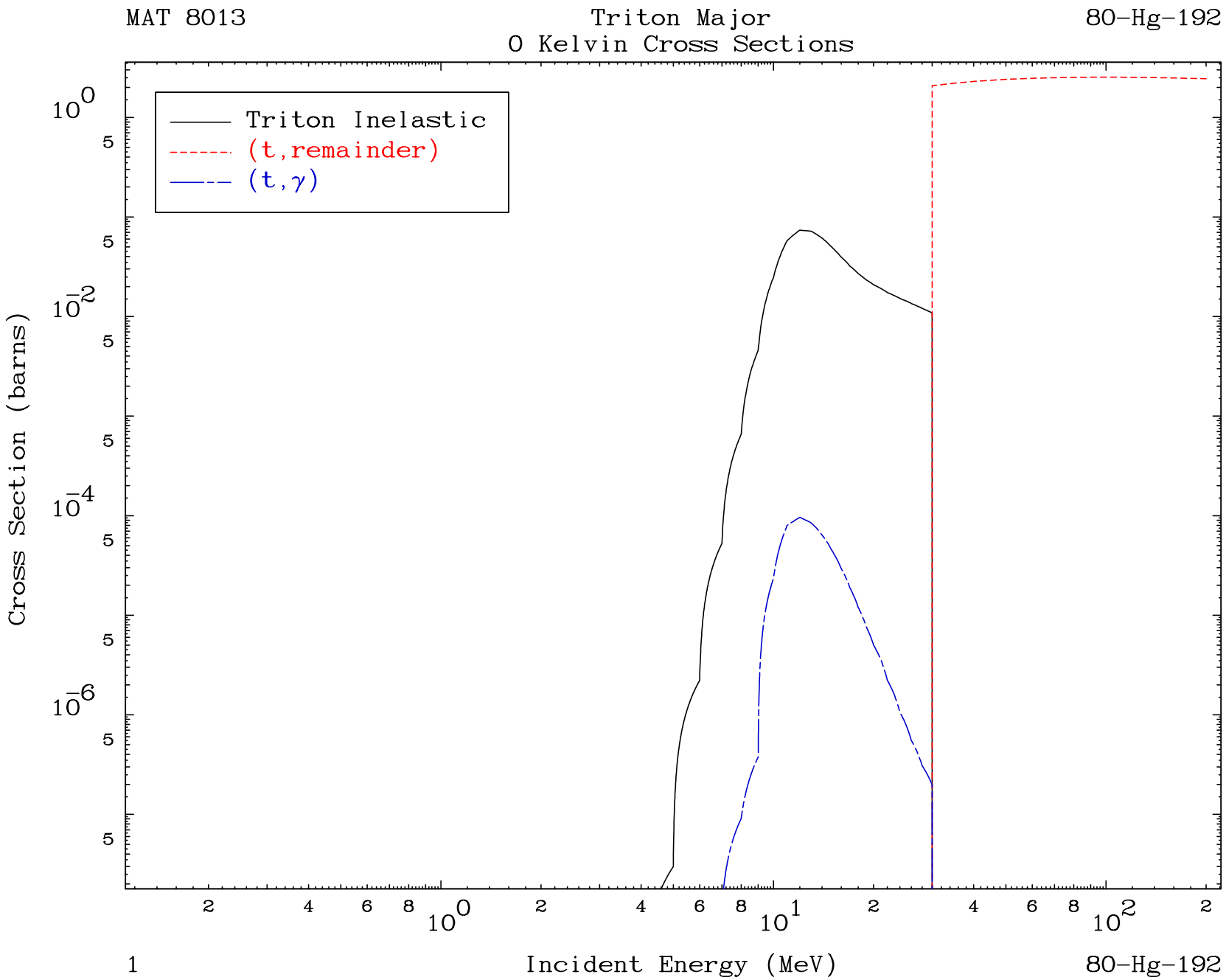
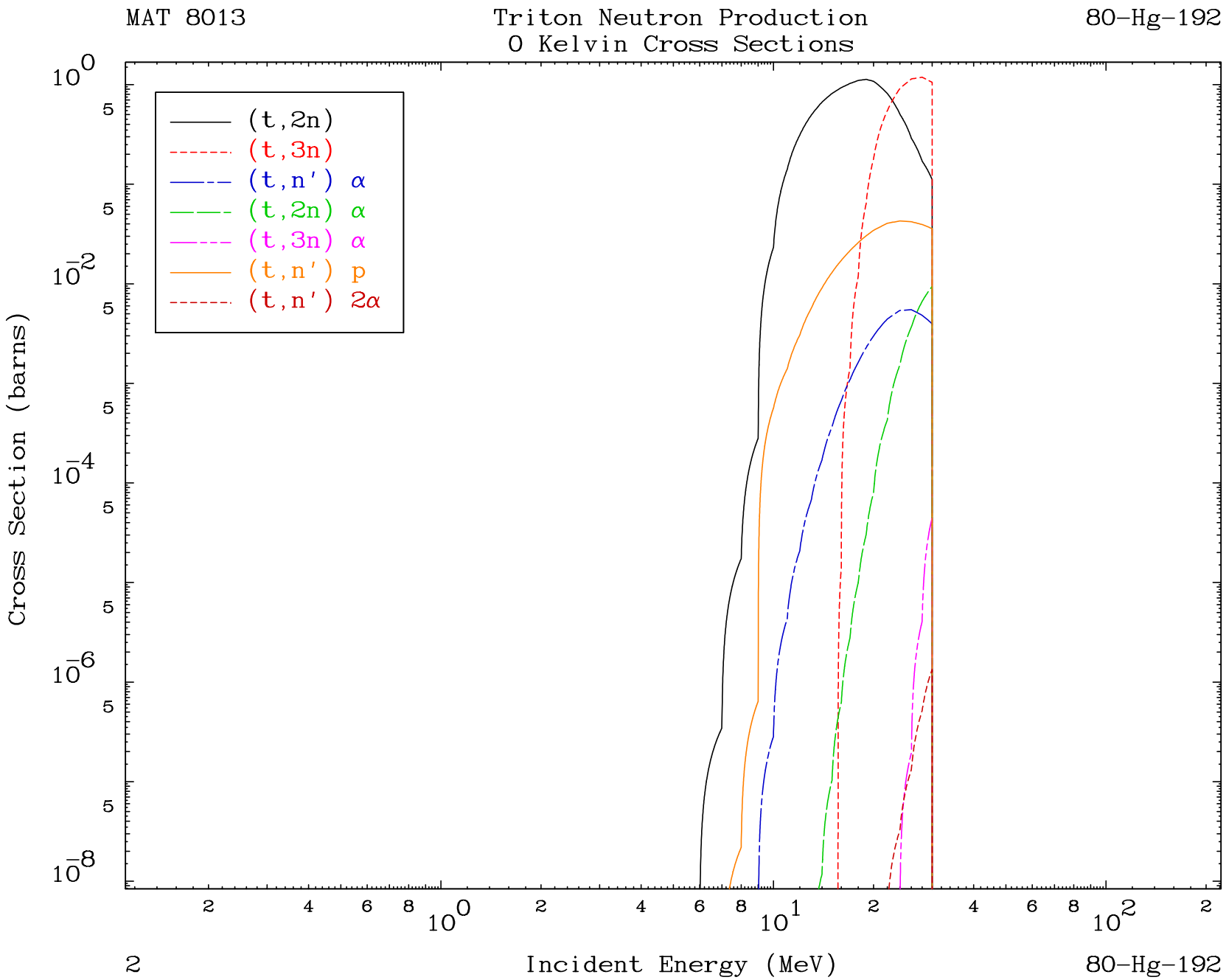
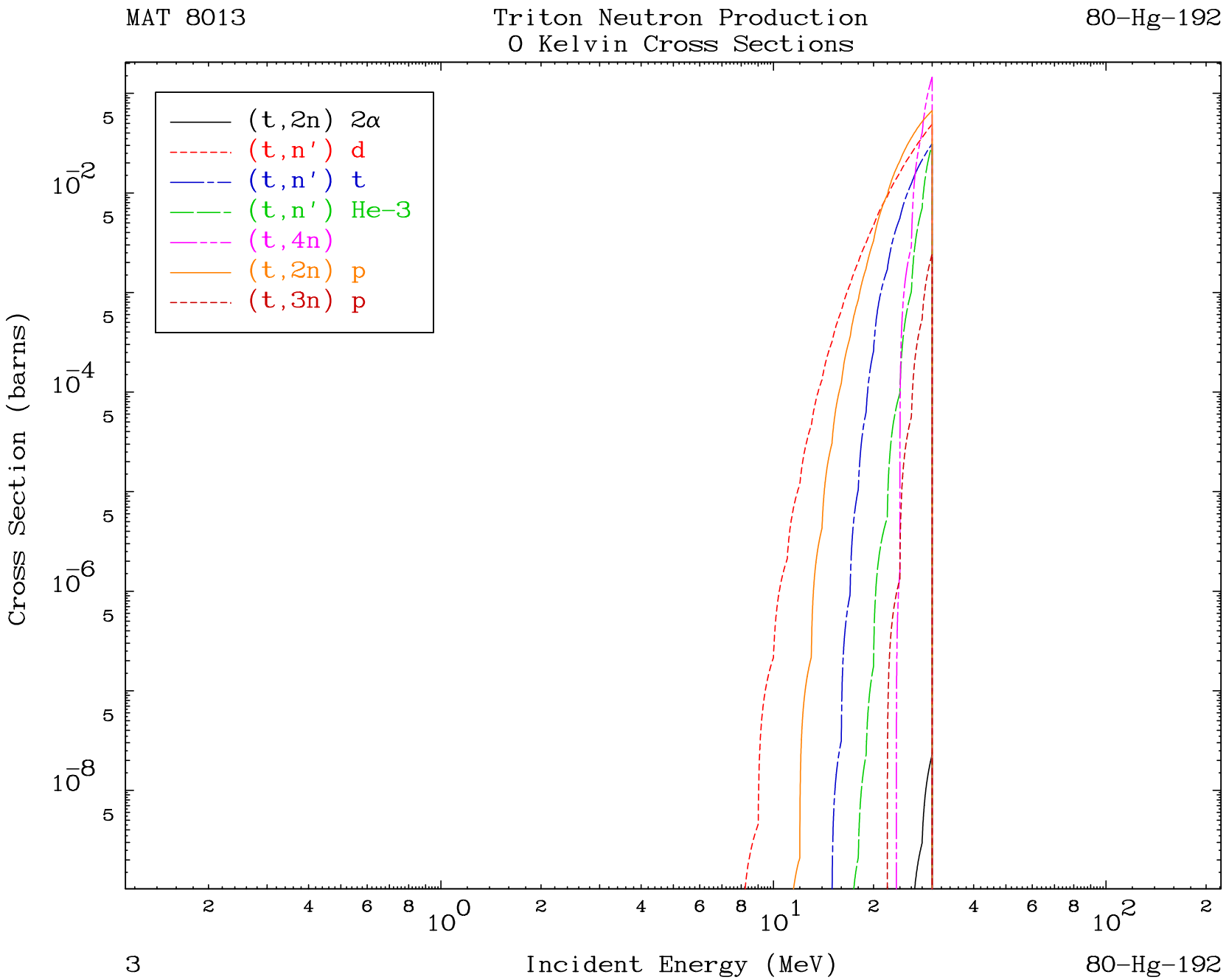
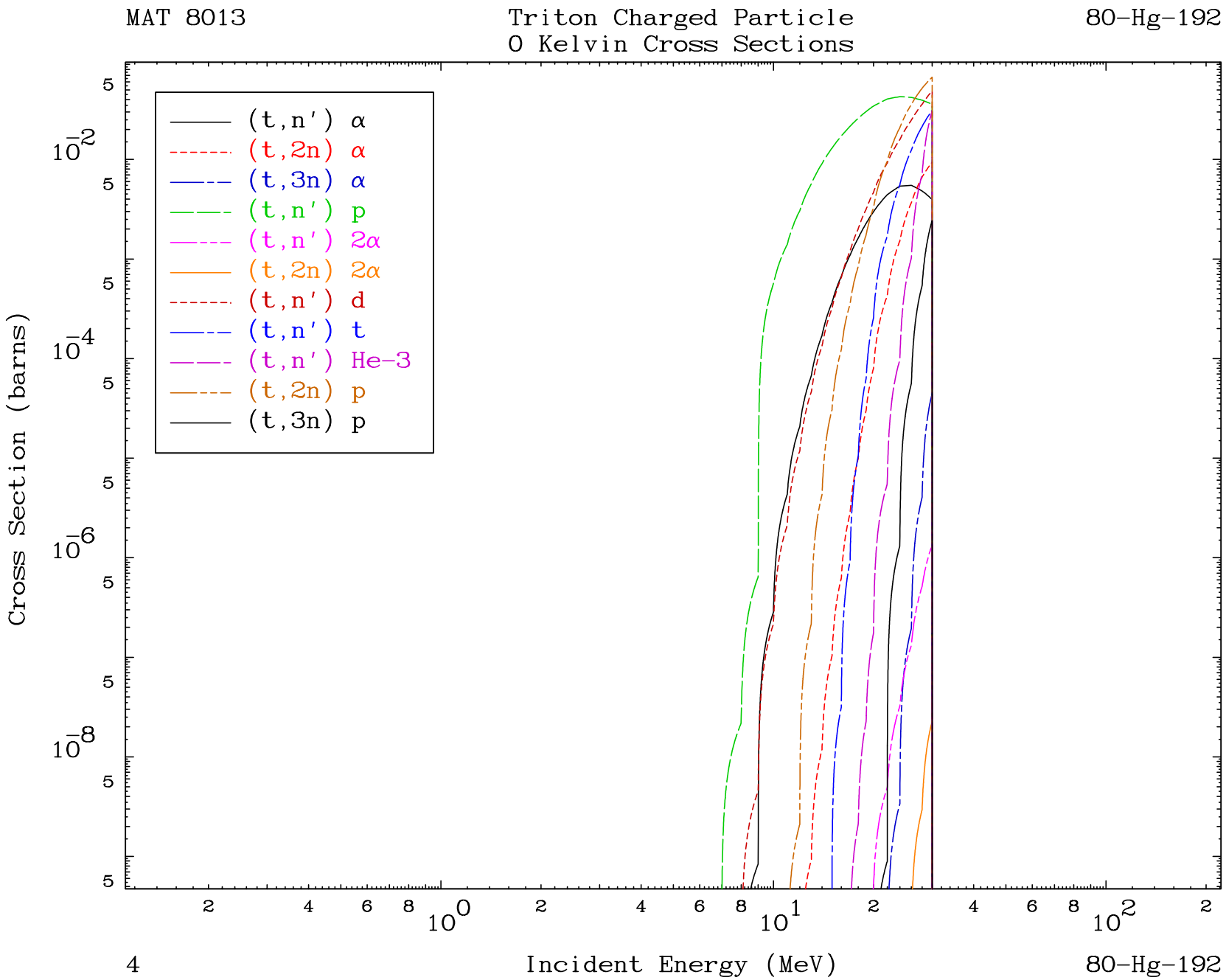
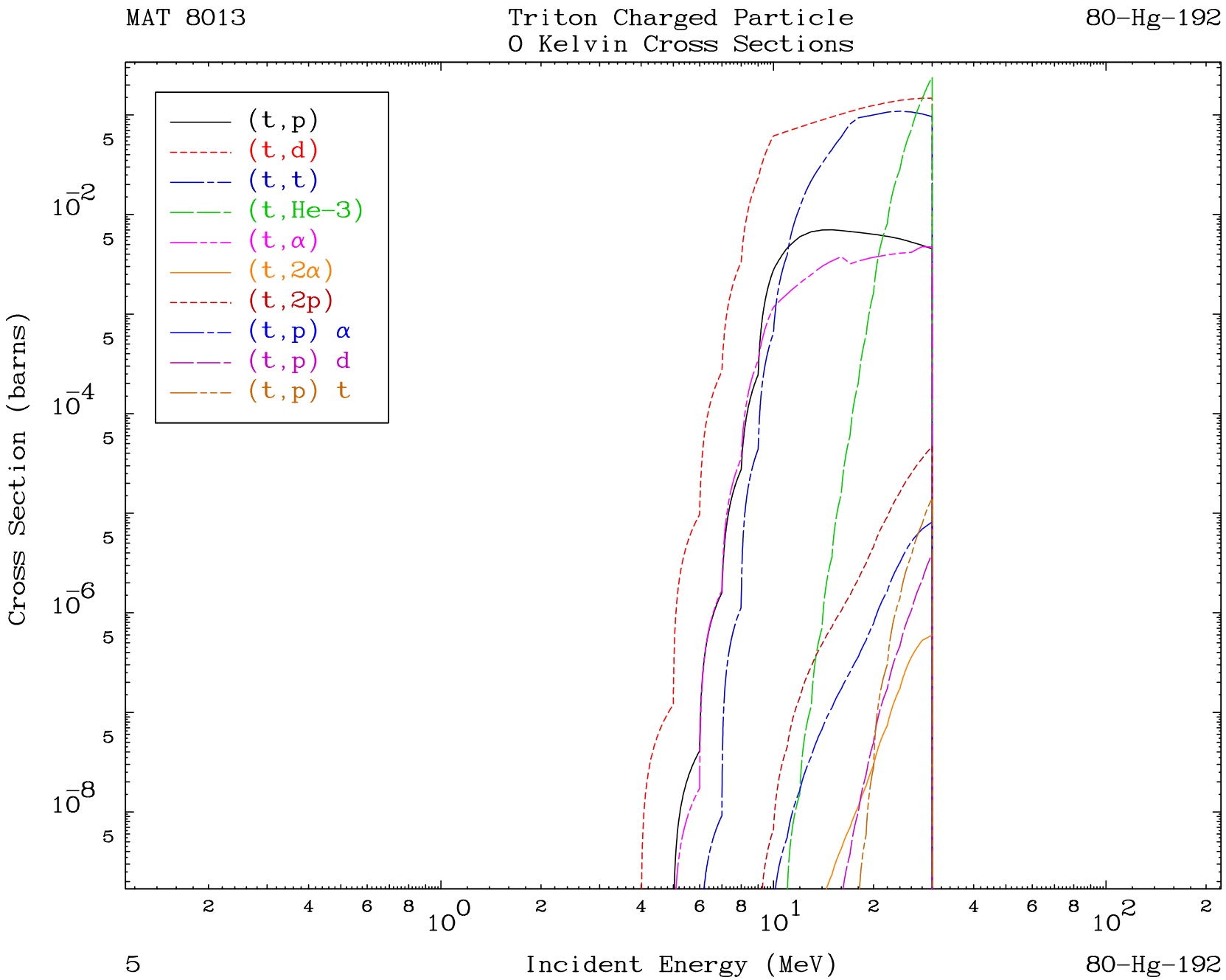
Press Mouse Button to Start

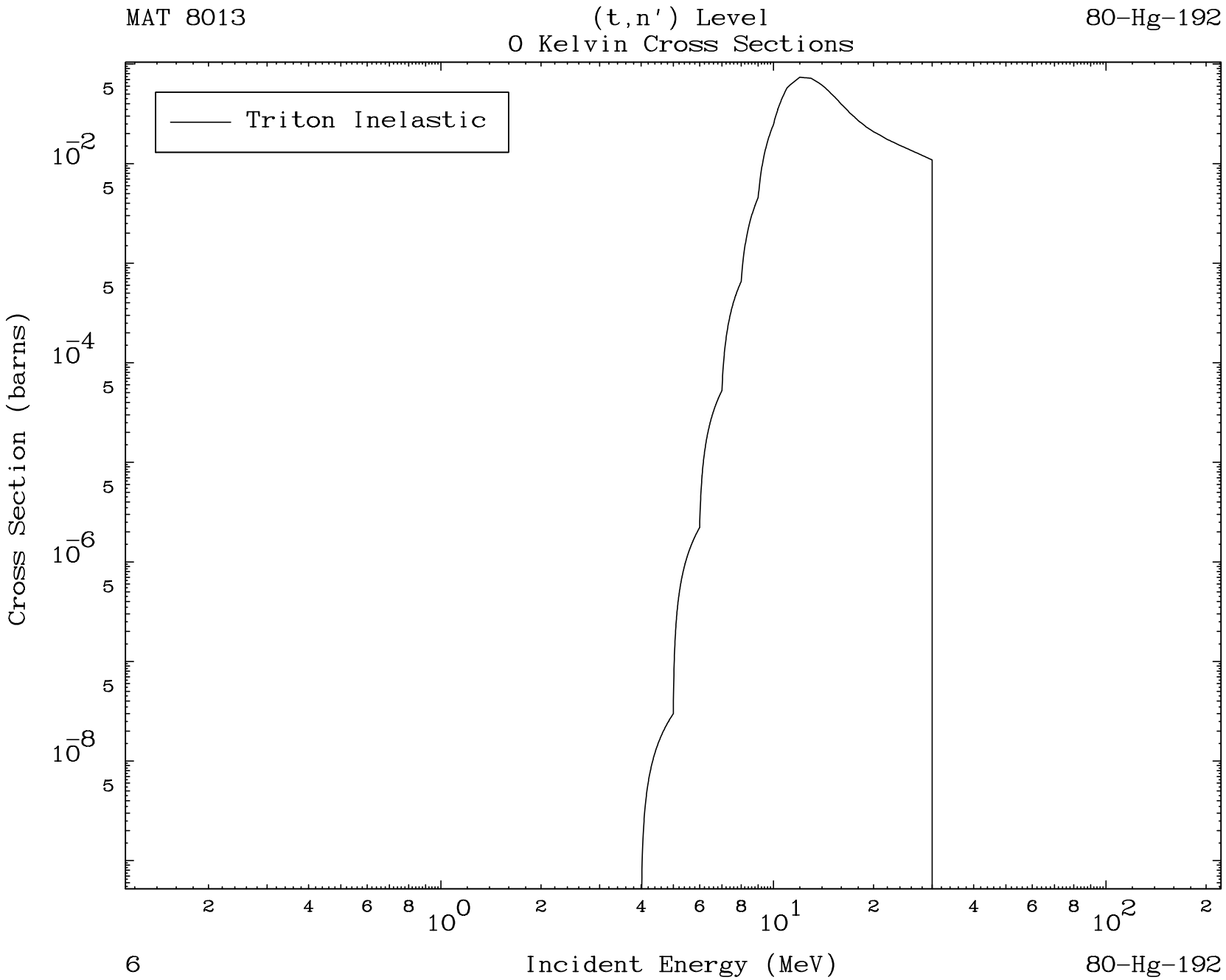

MAT 8013
Triton Major
80-Hg-192
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-192
1

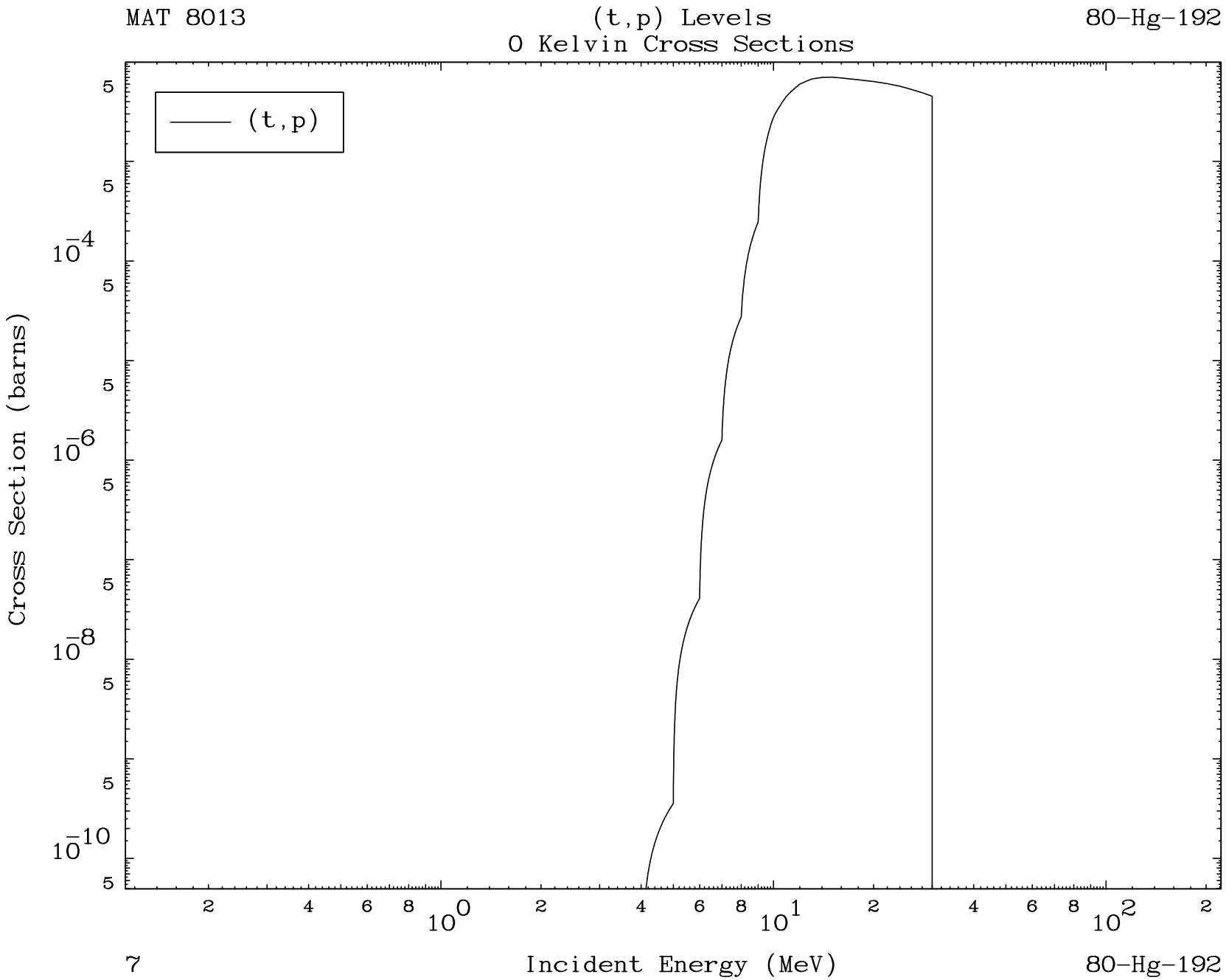

MAT 8013
Triton Neutron Production
0 Kelvin Cross Sections
80-Hg-192
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
Cross Section (barns)
Incident Energy (MeV)
80-Hg-192
2

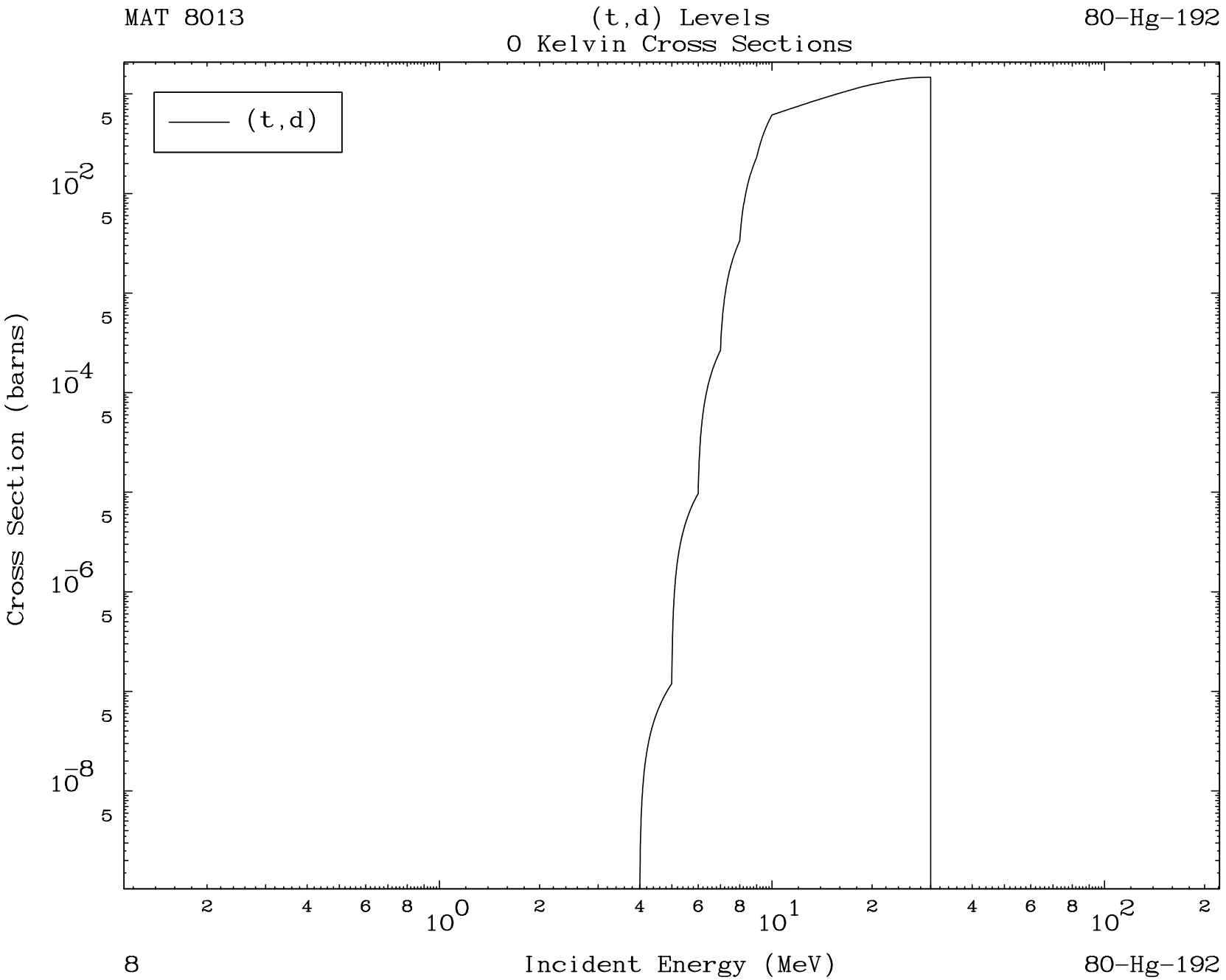

MAT 8013
Triton Neutron Production
0 Kelvin Cross Sections
80-Hg-192
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
80-Hg-192

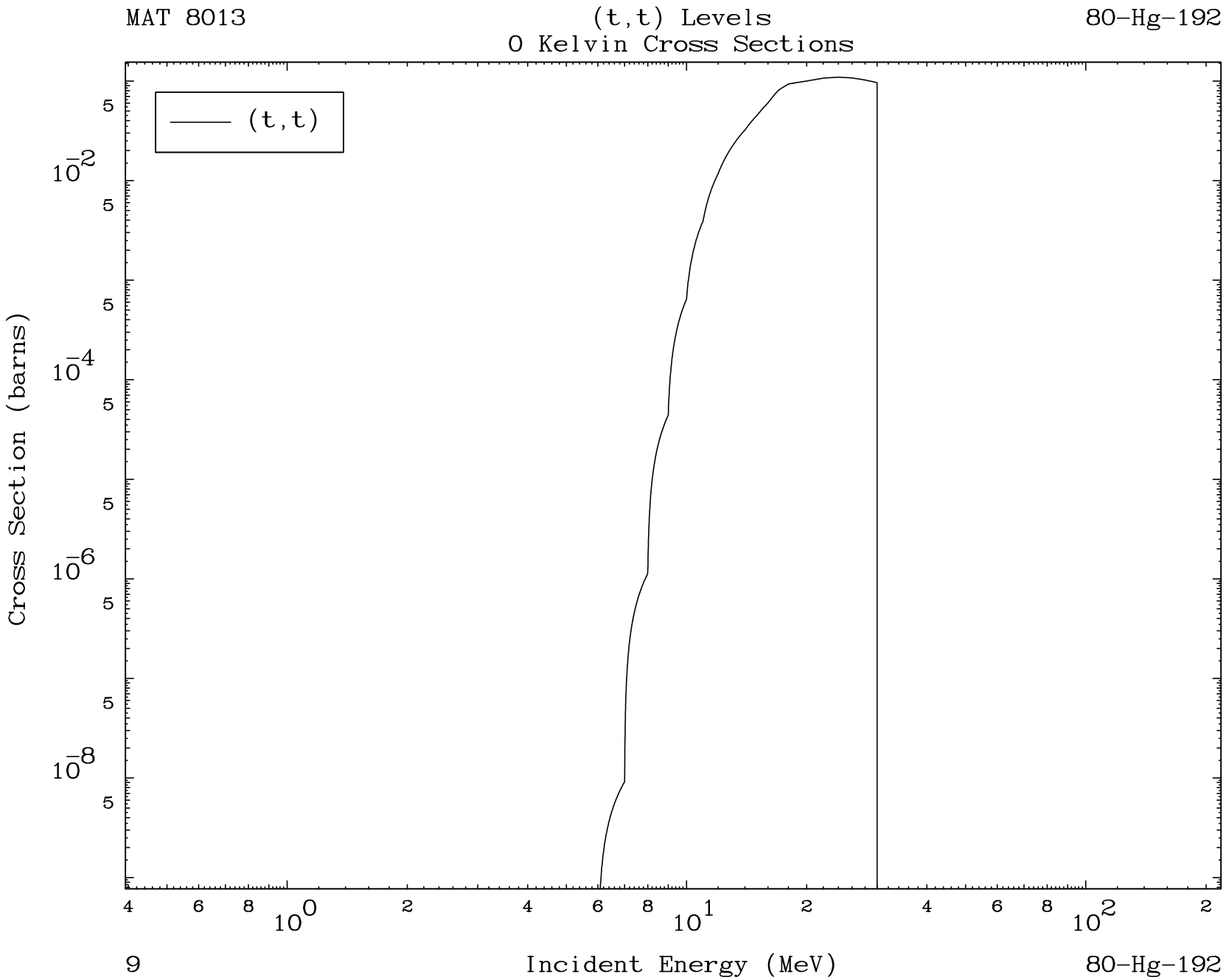

MAT 8013
Triton Charged Particle
0 Kelvin Cross Sections
80-Hg-192
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
80-Hg-192

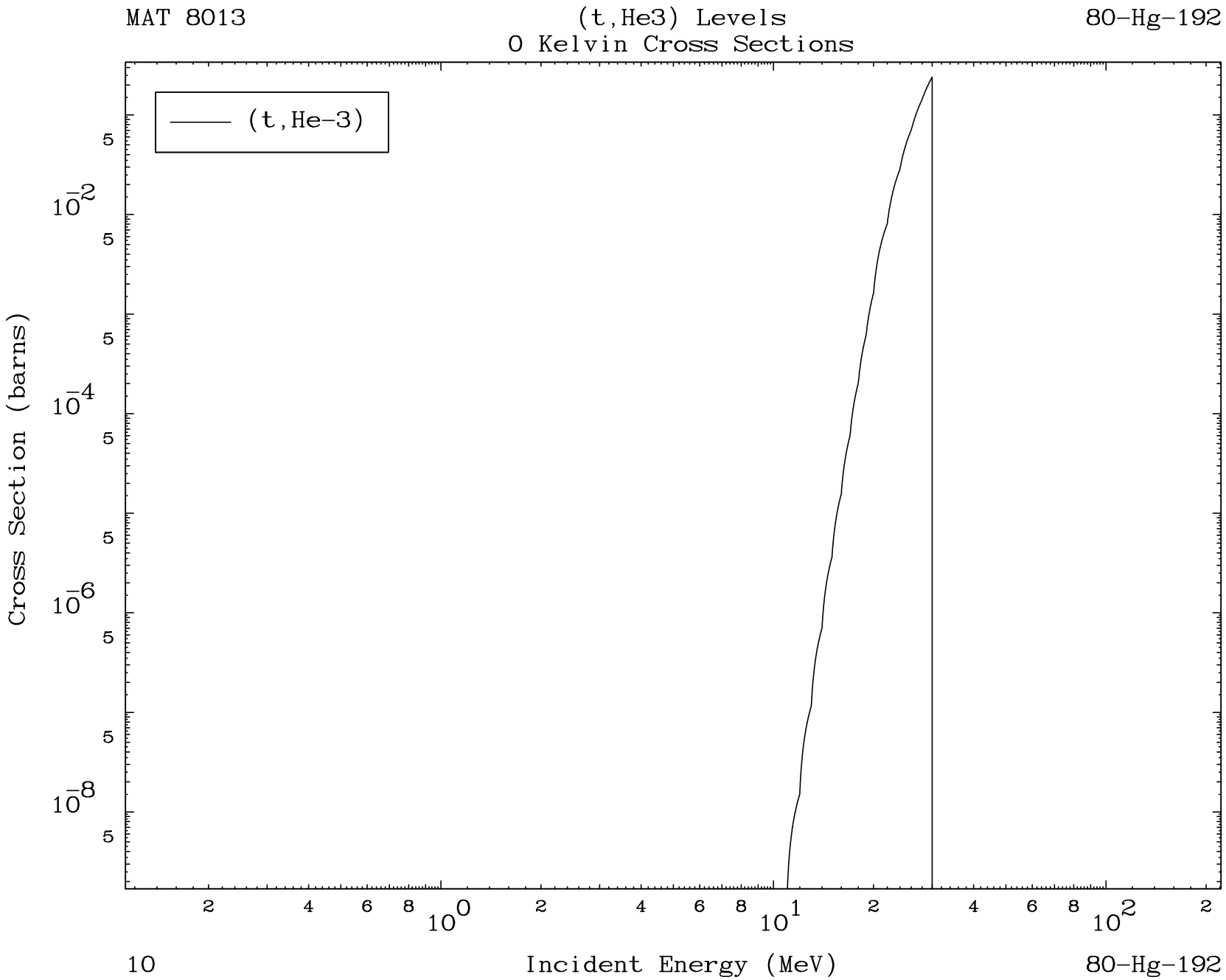

MAT 8013
Triton Charged Particle
0 Kelvin Cross Sections
80-Hg-192
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2α)
(t,2p)
(t,p) α
(t,p) d
(t,p) t
Cross Section (barns)
Incident Energy (MeV)
5
80-Hg-192

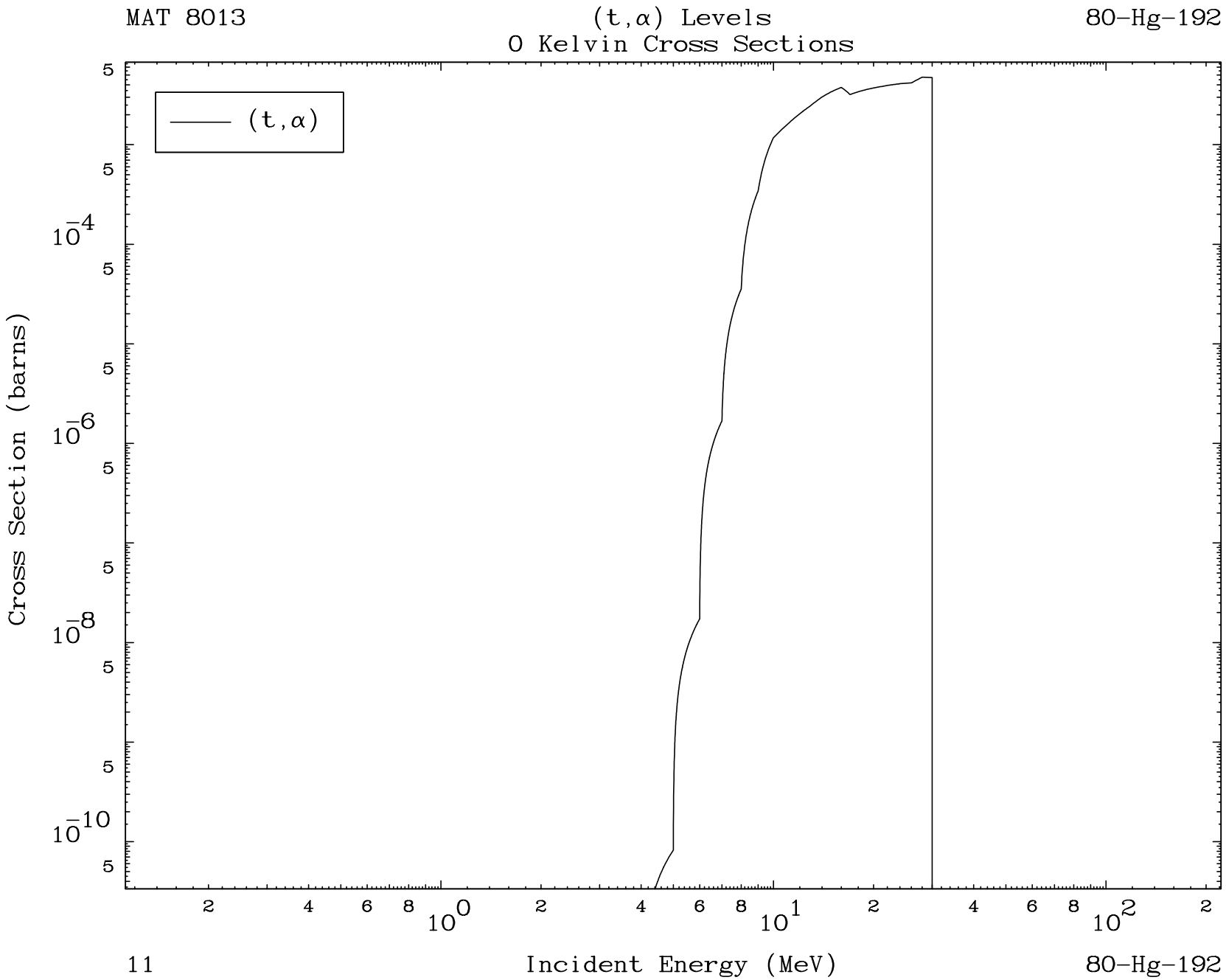

MAT 8013
(t,n') Level
80-Hg-192
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
6
80-Hg-192

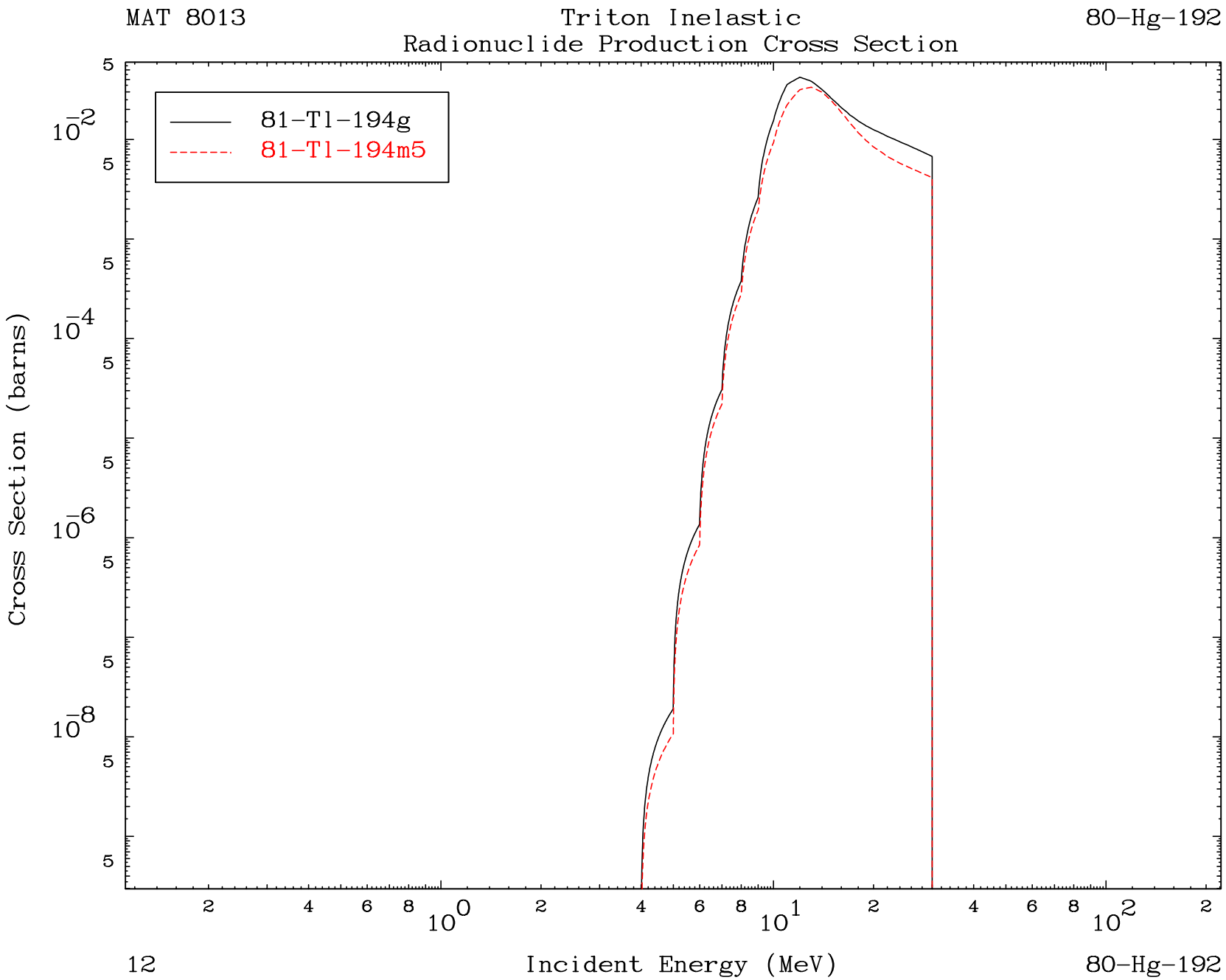

MAT 8013
(t,p) Levels
80-Hg-192
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
7
80-Hg-192

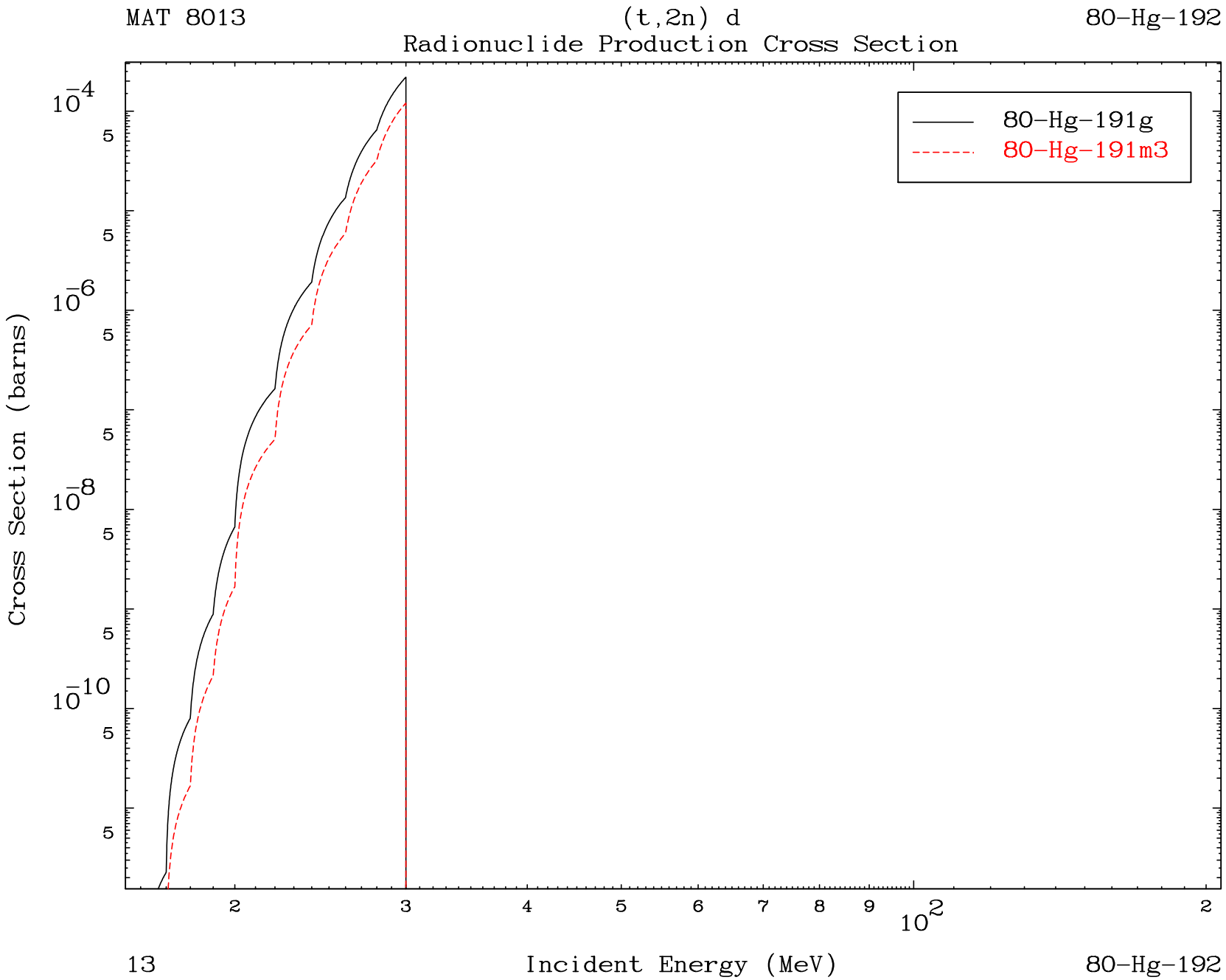

MAT 8013
(t,d) Levels
80-Hg-192
0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
8
80-Hg-192

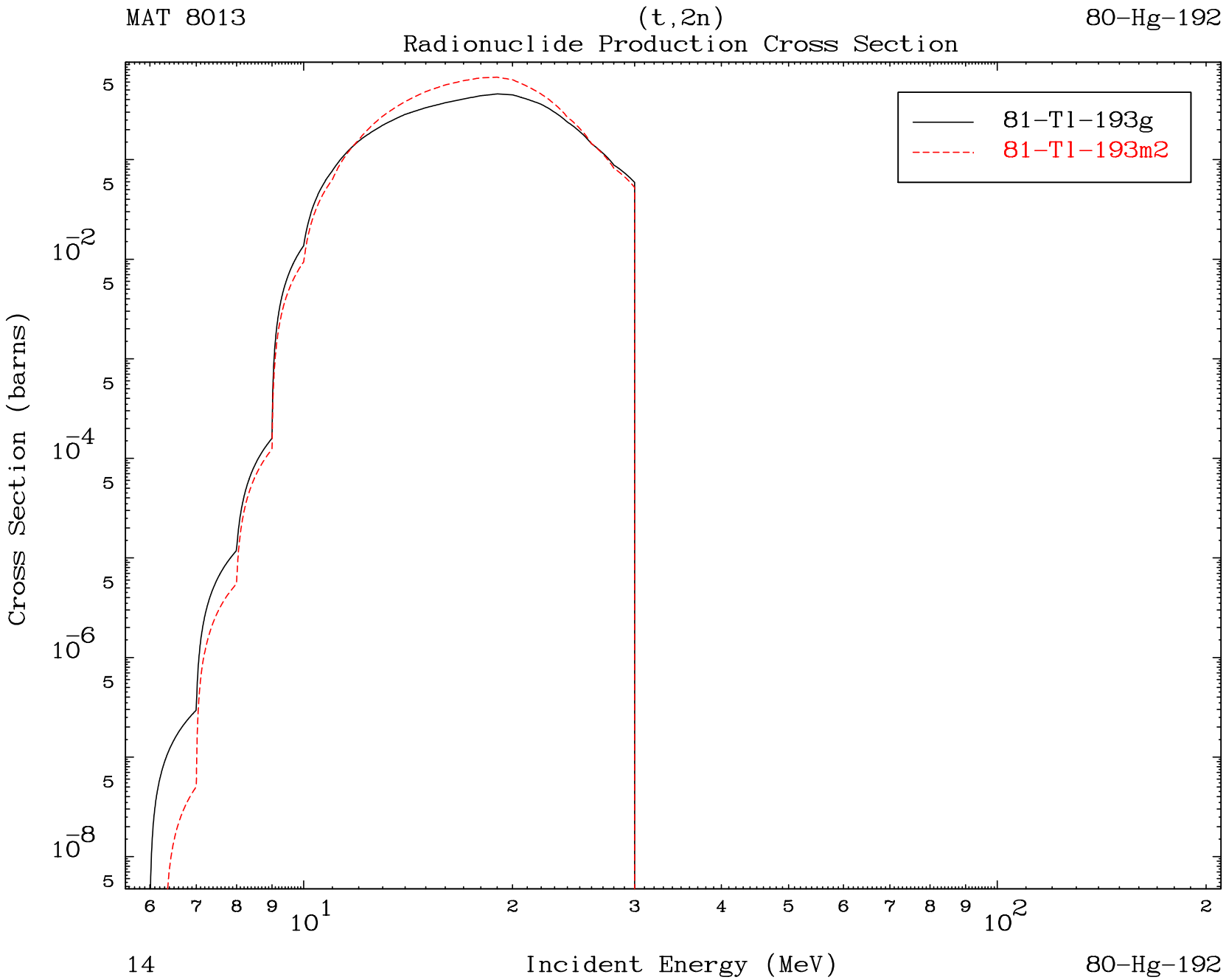

MAT 8013
(t,t) Levels
80-Hg-192
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4 6 8 100 2 4 6 8 101 2 4 6 8 102 2
Incident Energy (MeV)
9
80-Hg-192

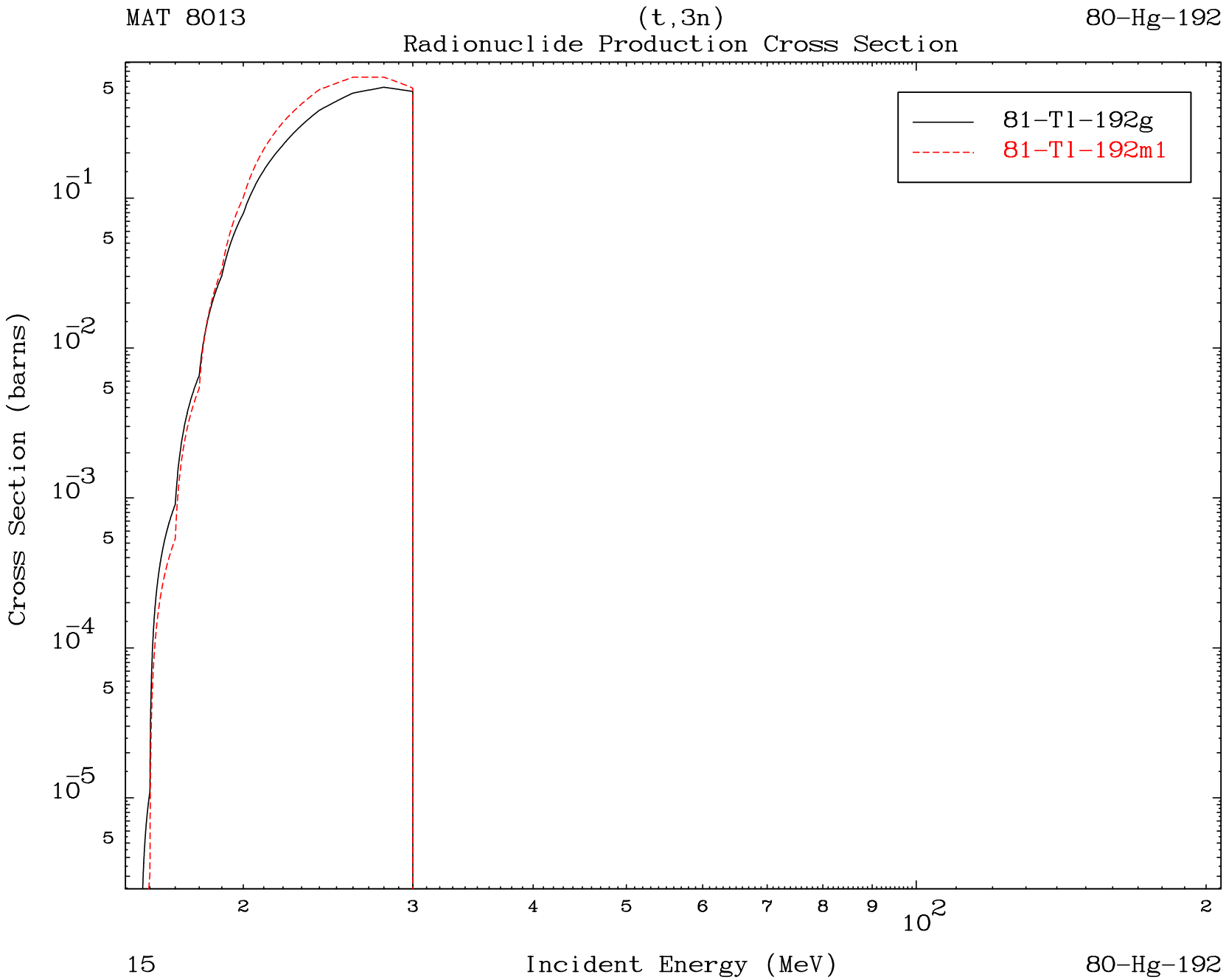

MAT 8013
(t,He3) Levels
80-Hg-192
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
80-Hg-192

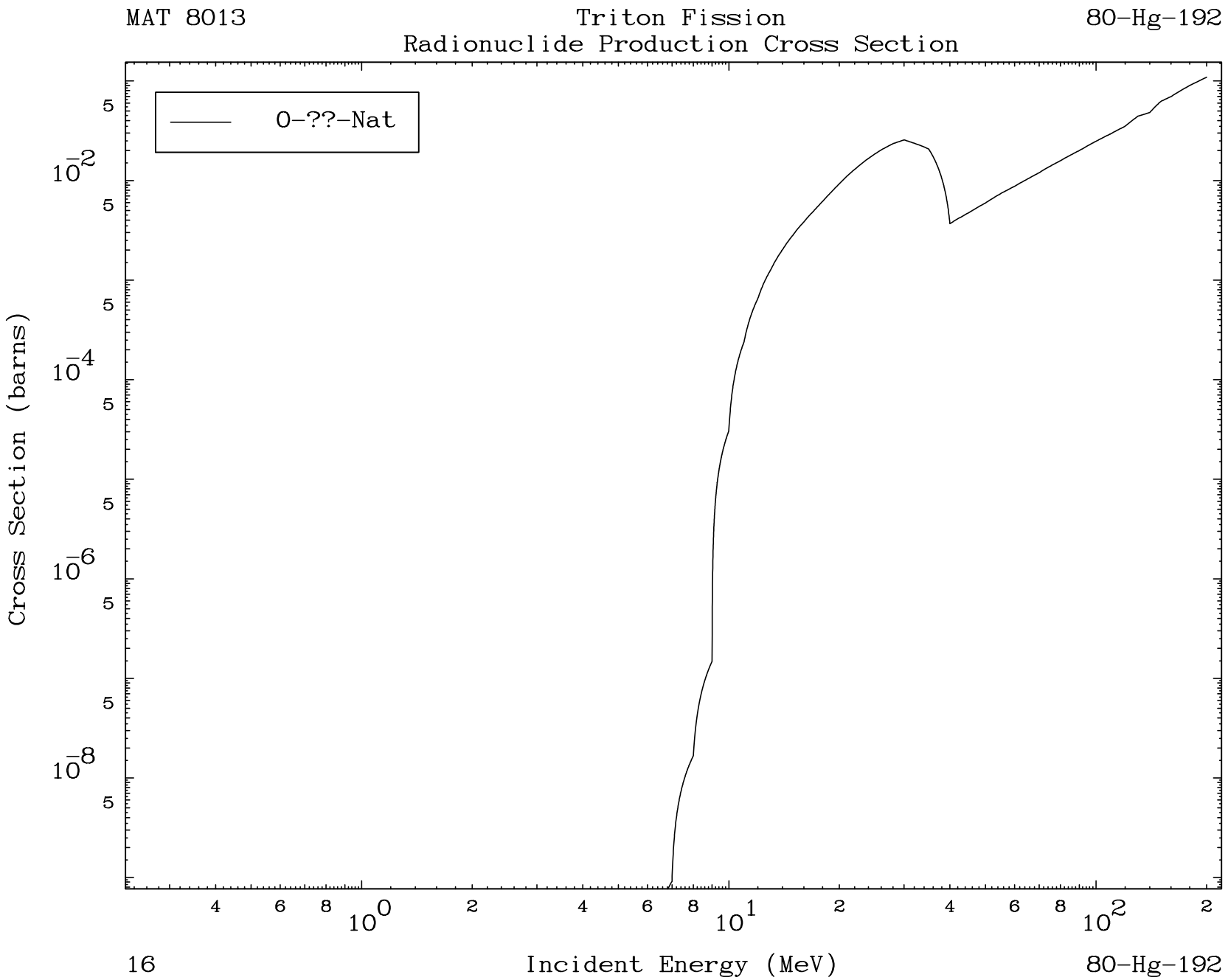

MAT 8013
(t,α) Levels
80-Hg-192
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
11
80-Hg-192

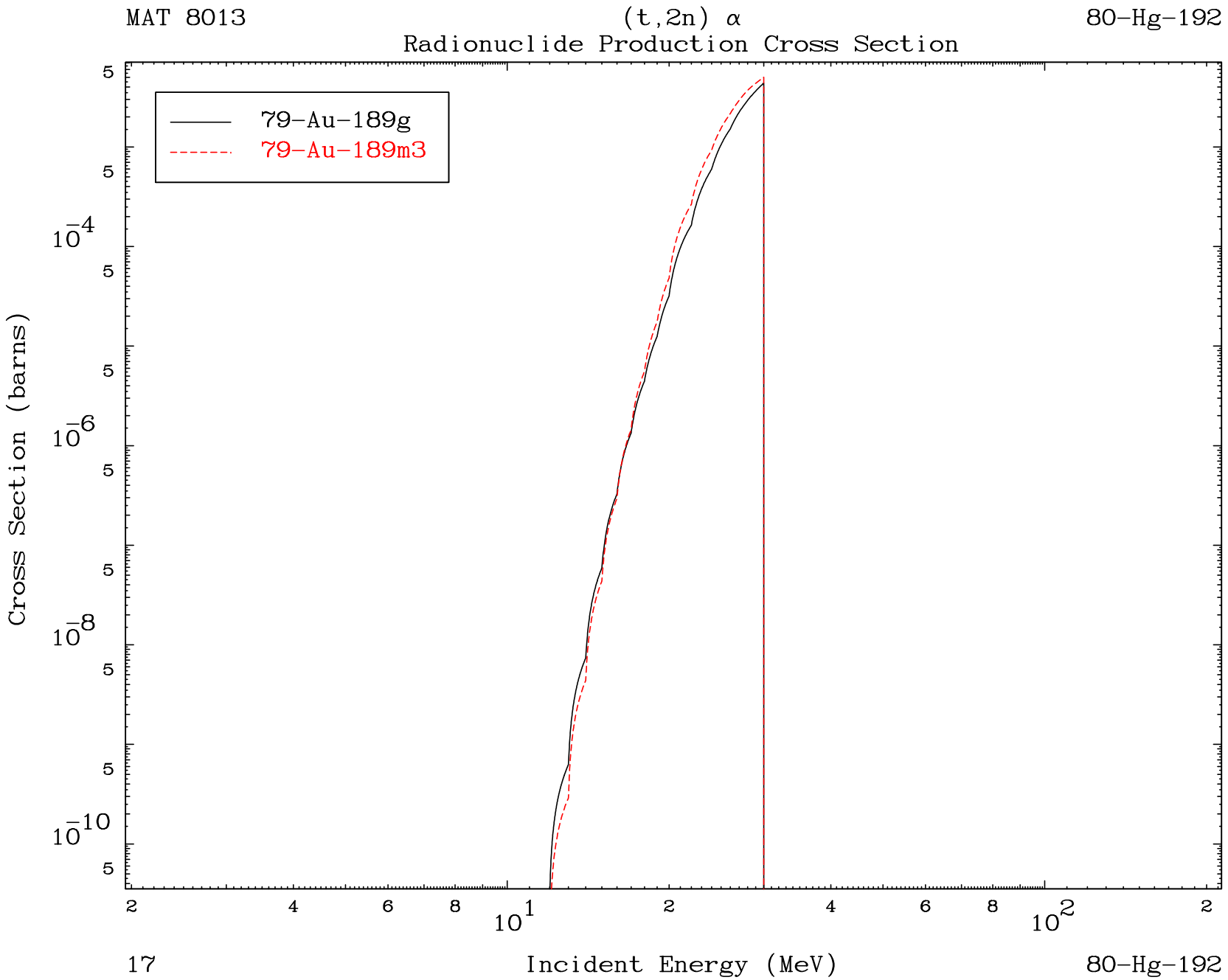

MAT 8013
Triton Inelastic
80-Hg-192
Radionuclide Production Cross Section
81-Tl-194g
81-Tl-194m5
Cross Section (barns)
Incident Energy (MeV)
12
80-Hg-192

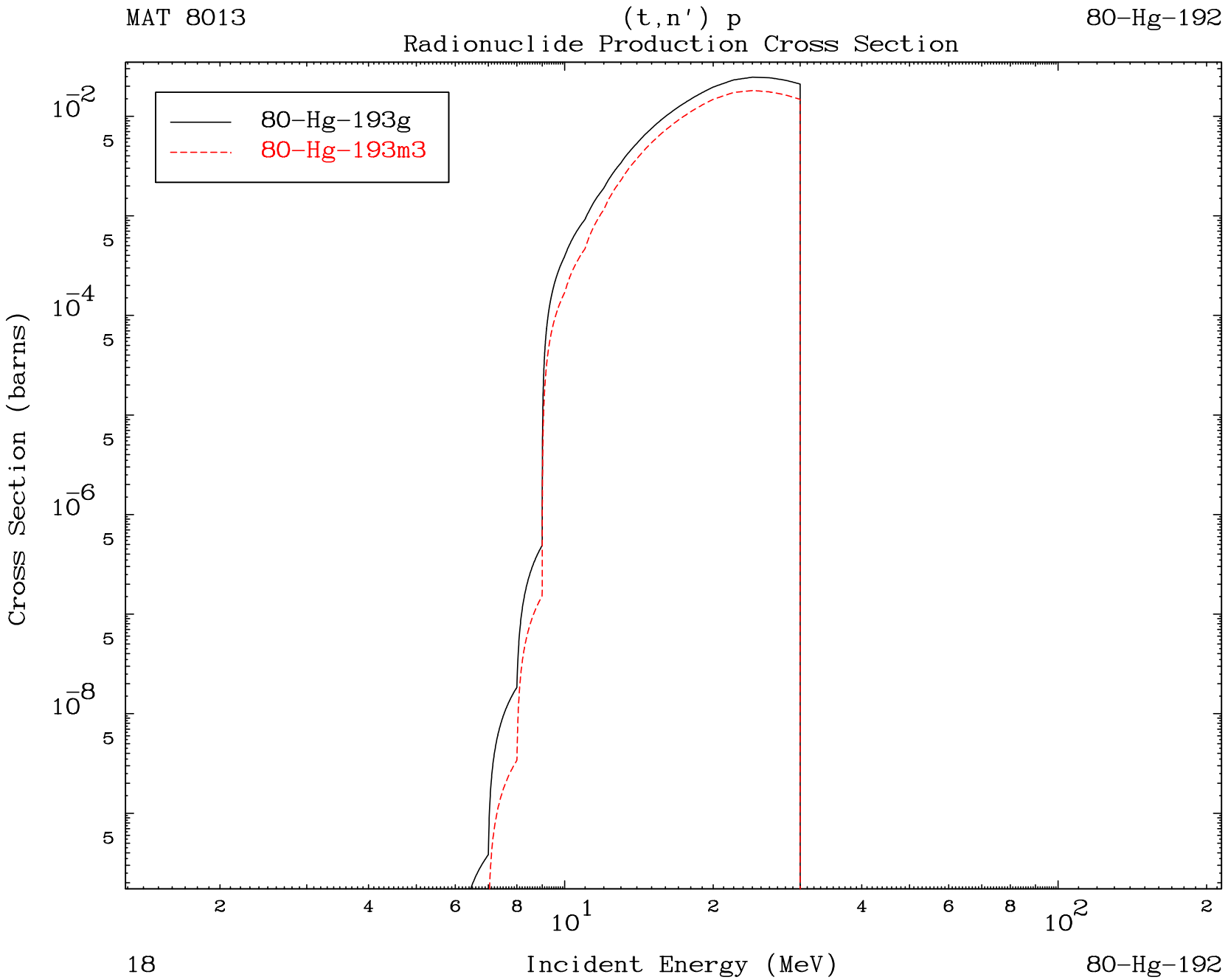

MAT 8013
(t,2n) d
80-Hg-192
Radionuclide Production Cross Section
80-Hg-191g
80-Hg-191m3
Cross Section (barns)
10-4
5
10-6
5
10-8
5
10-10
5
5
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
80-Hg-192

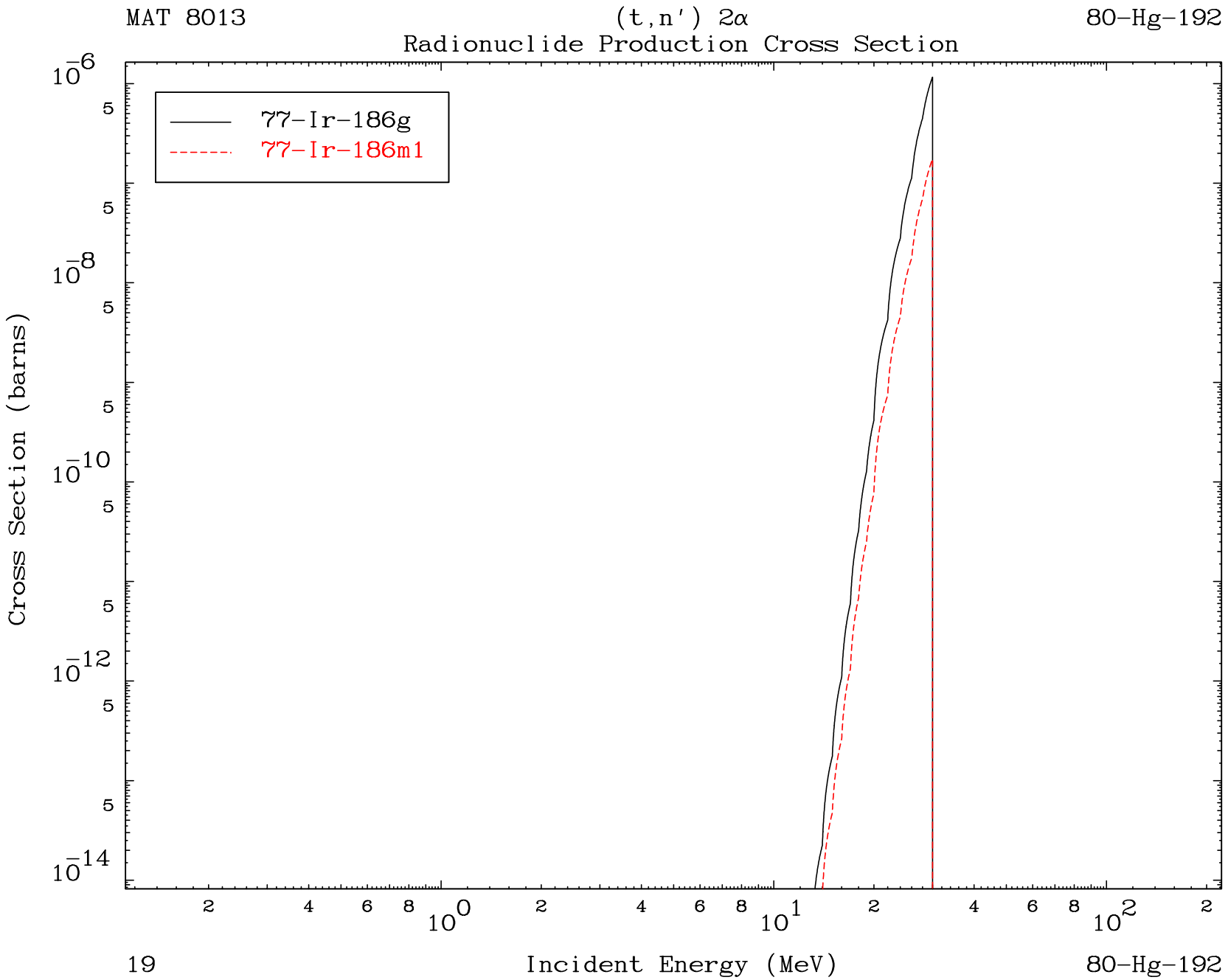

MAT 8013
(t,2n)
80-Hg-192
Radionuclide Production Cross Section
81-Tl-193g
81-Tl-193m2
Cross Section (barns)
Incident Energy (MeV)
14
80-Hg-192

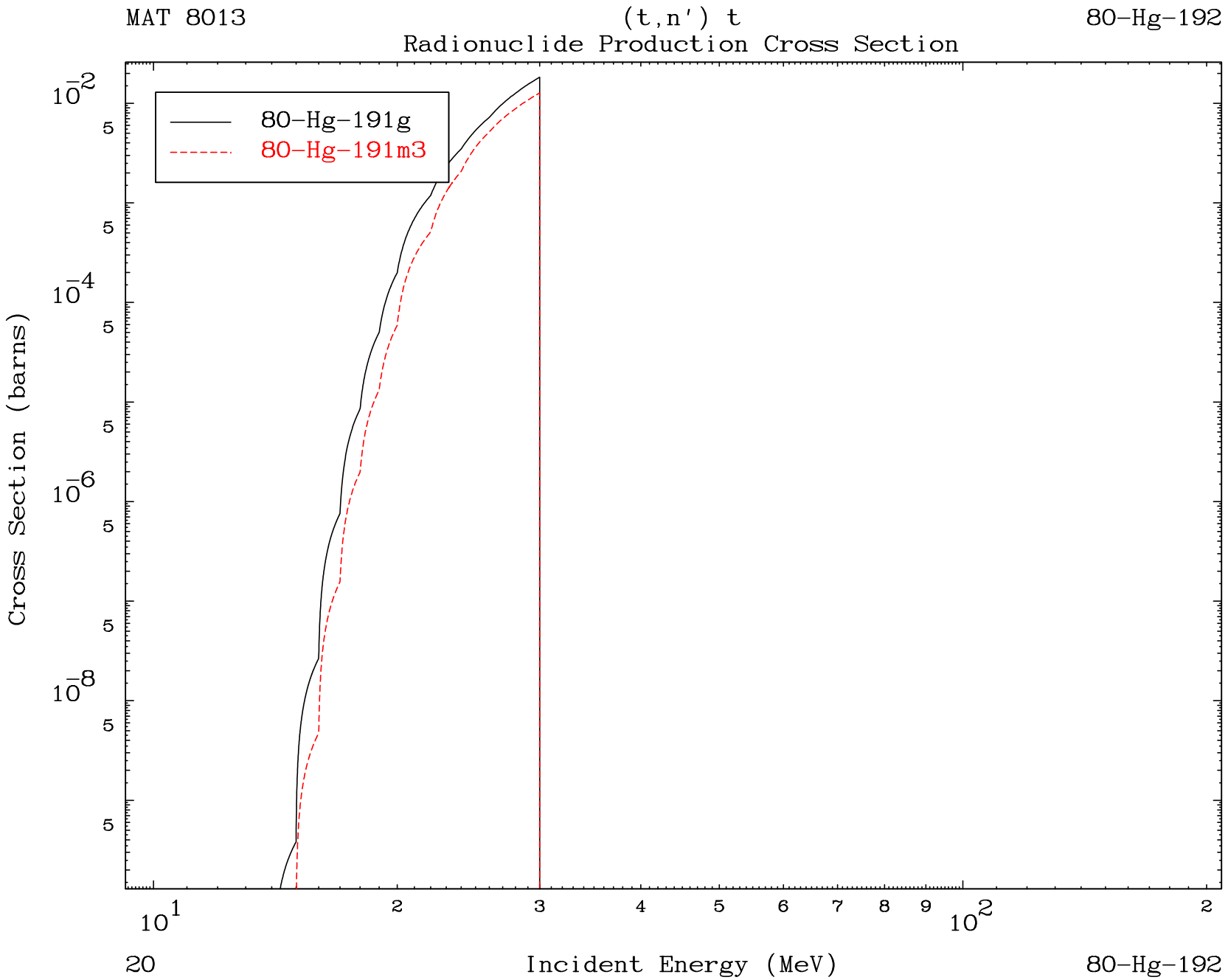

MAT 8013
(t,3n)
80-Hg-192
Radionuclide Production Cross Section
81-Tl-192g
81-Tl-192m1
Cross Section (barns)
Incident Energy (MeV)
15
80-Hg-192

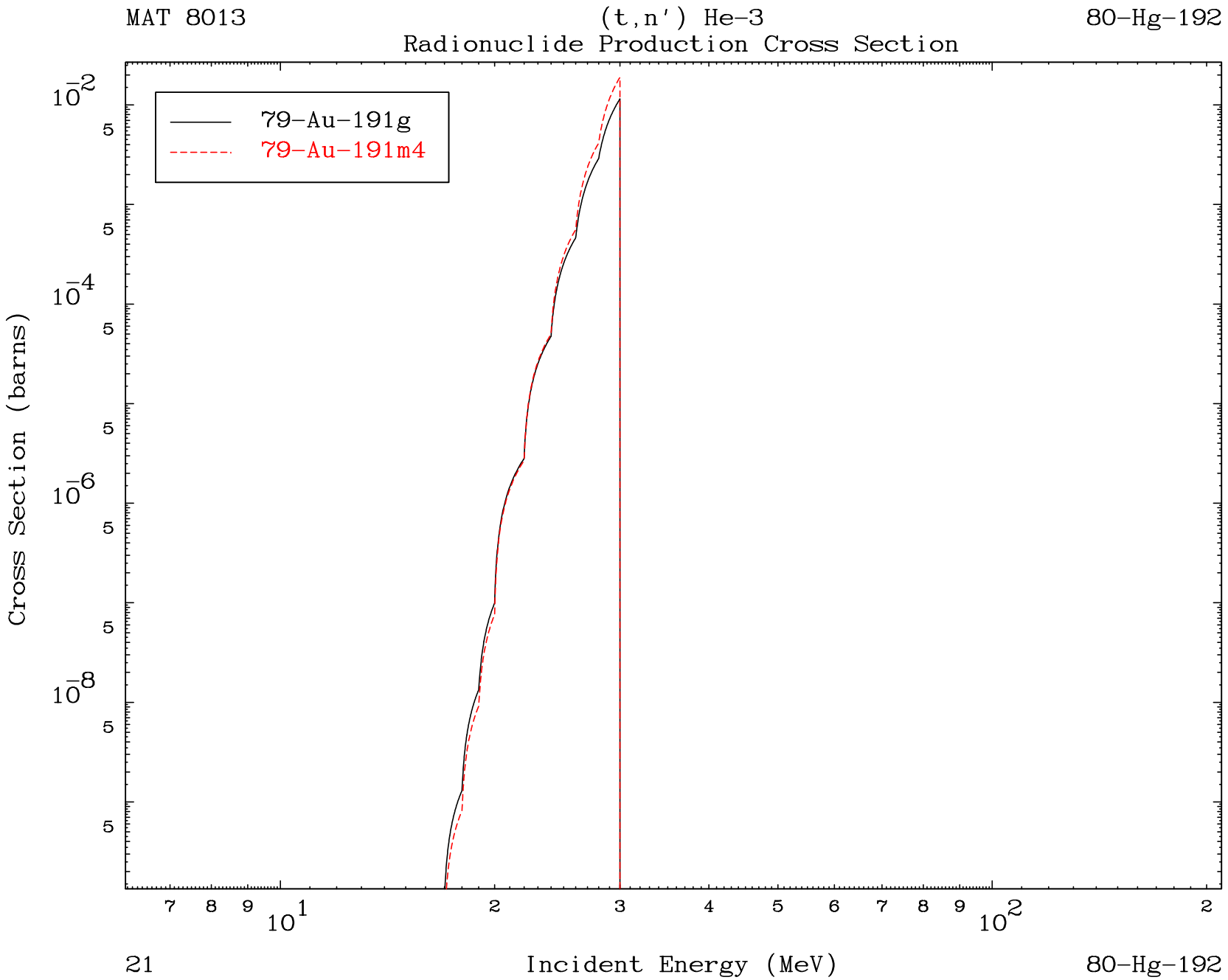

MAT 8013
Triton Fission
80-Hg-192
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
16
80-Hg-192

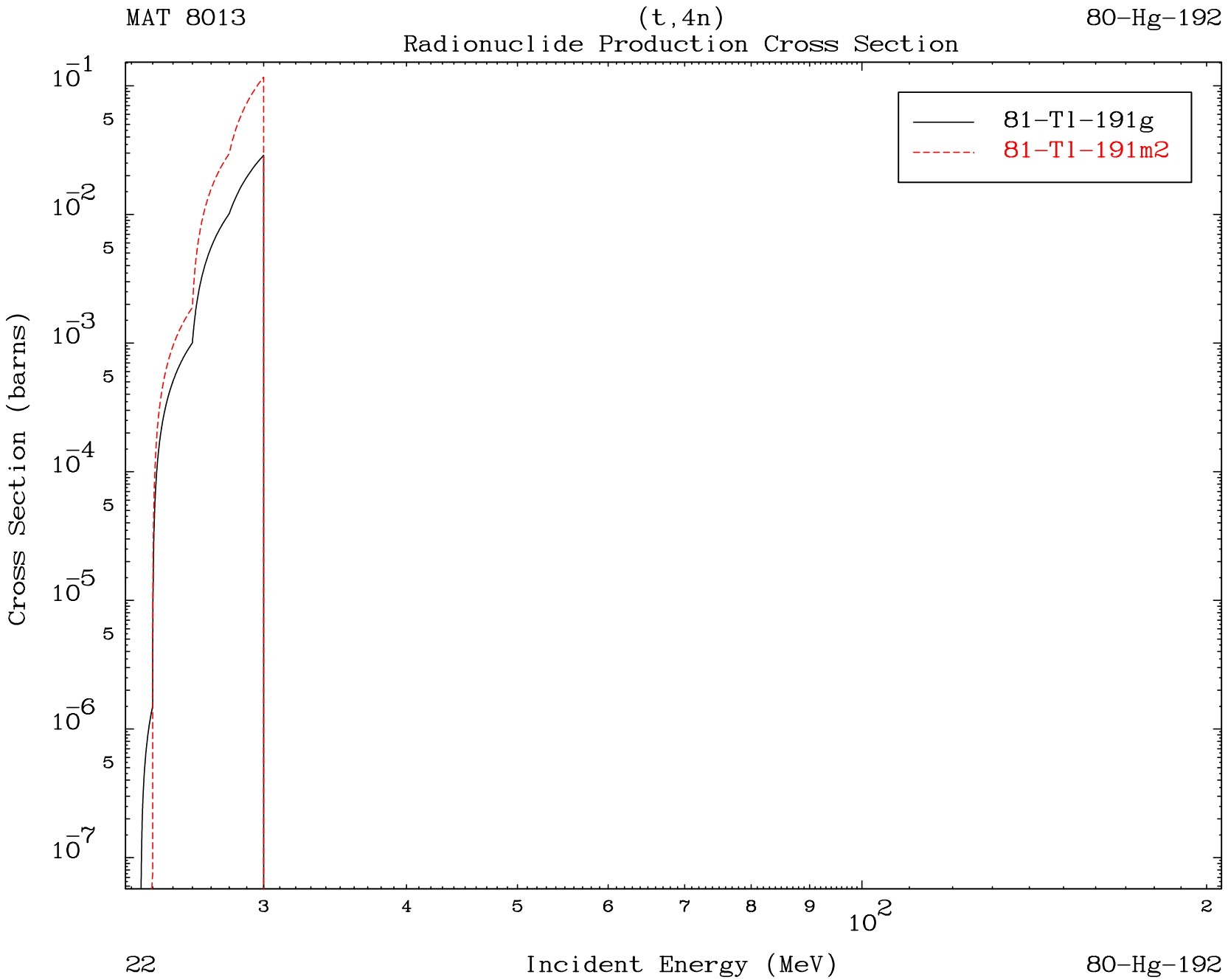

MAT 8013
(t,2n) α
80-Hg-192
Radionuclide Production Cross Section
79-Au-189g
79-Au-189m3
Cross Section (barns)
Incident Energy (MeV)
17
80-Hg-192

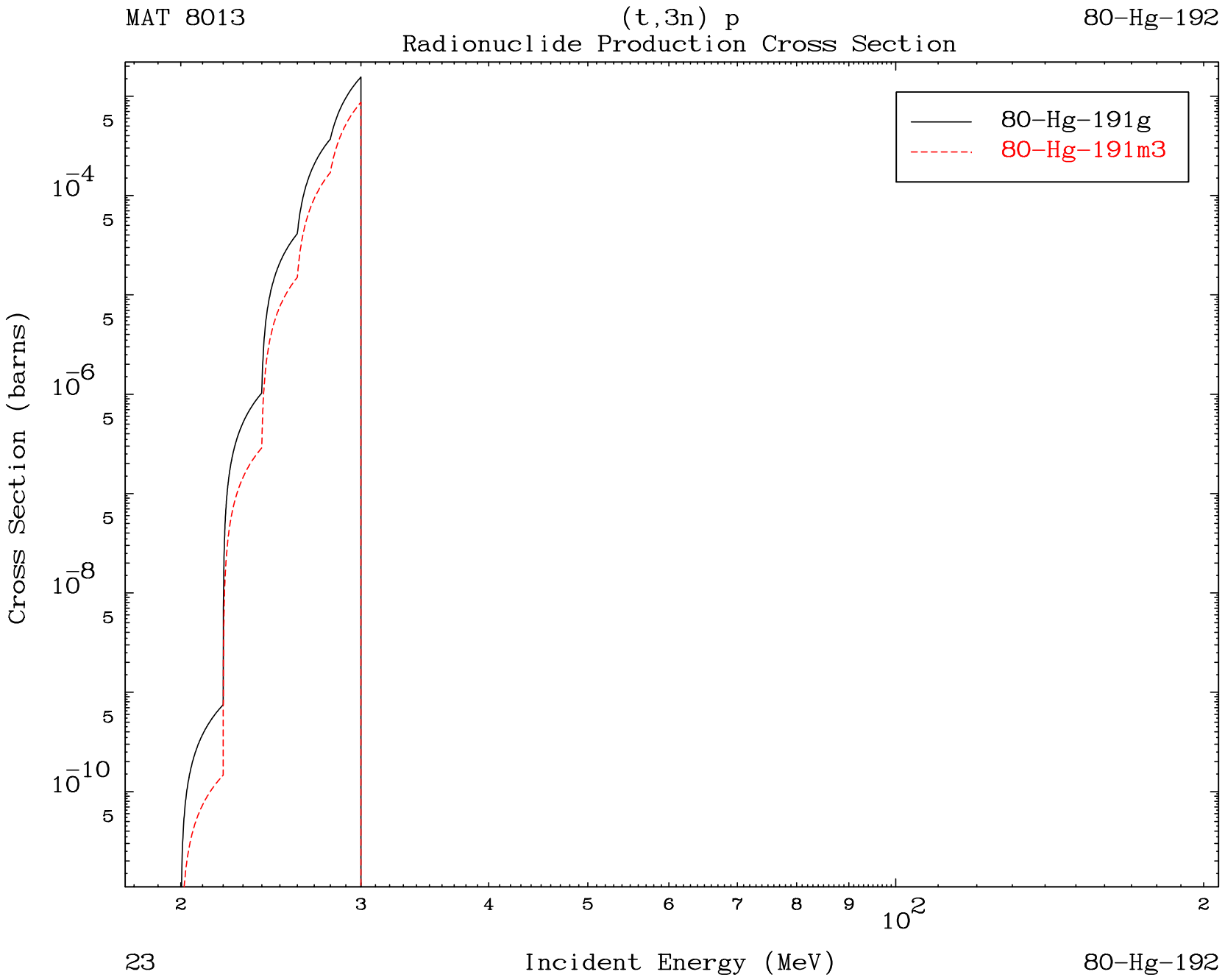

MAT 8013
(t,n') p
80-Hg-192
Radionuclide Production Cross Section
80-Hg-193g
80-Hg-193m3
Cross Section (barns)
Incident Energy (MeV)
18
80-Hg-192

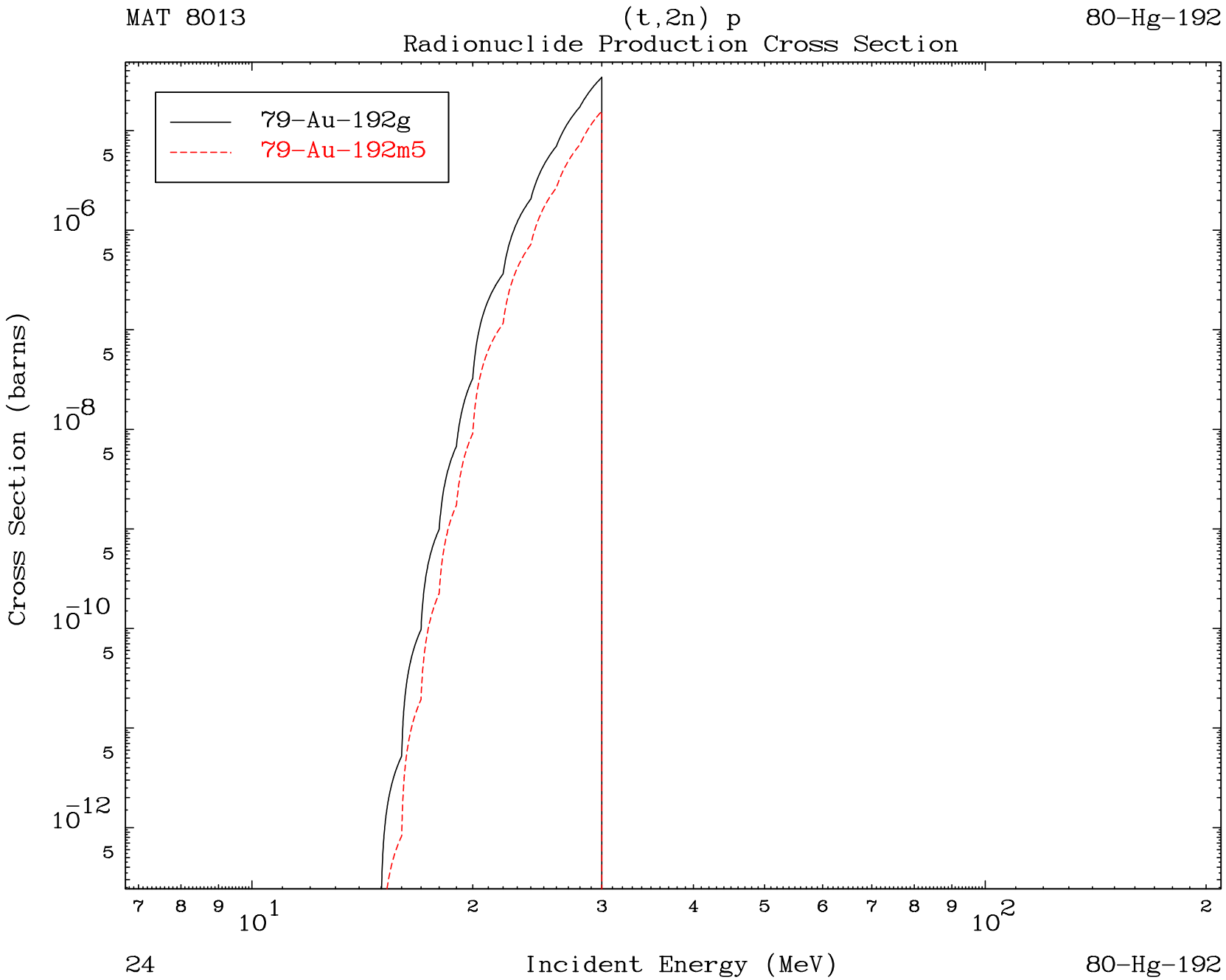

MAT 8013
(t,n') 2α
80-Hg-192
Radionuclide Production Cross Section
77-Ir-186g
77-Ir-186m1
Cross Section (barns)
Incident Energy (MeV)
19
80-Hg-192

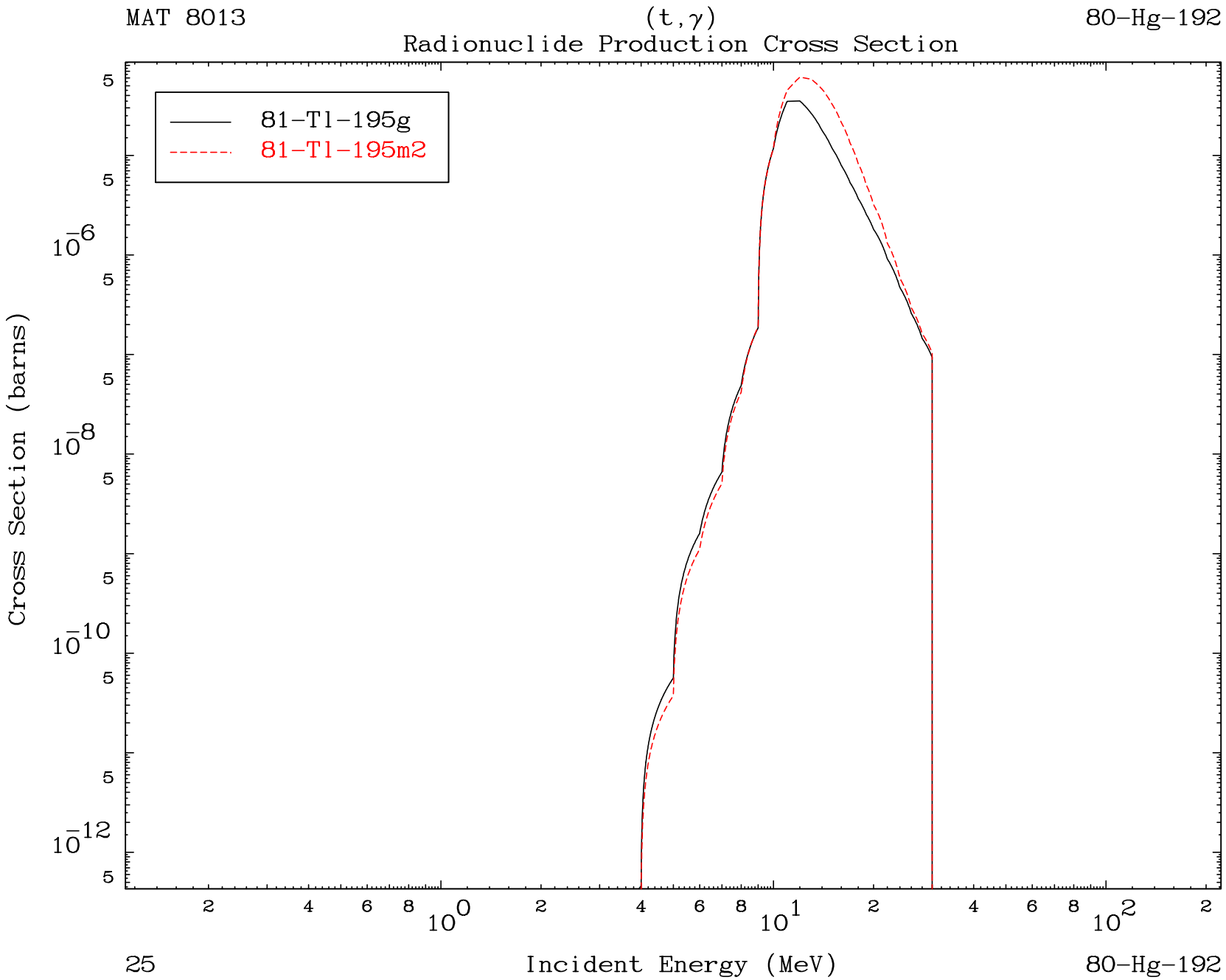

MAT 8013
(t,n') t
80-Hg-192
Radionuclide Production Cross Section
80-Hg-191g
80-Hg-191m3
Cross Section (barns)
10-2
10-4
10-6
10-8
5
101
2
3
4
5
6
7
8
9
102
2
20
Incident Energy (MeV)
80-Hg-192

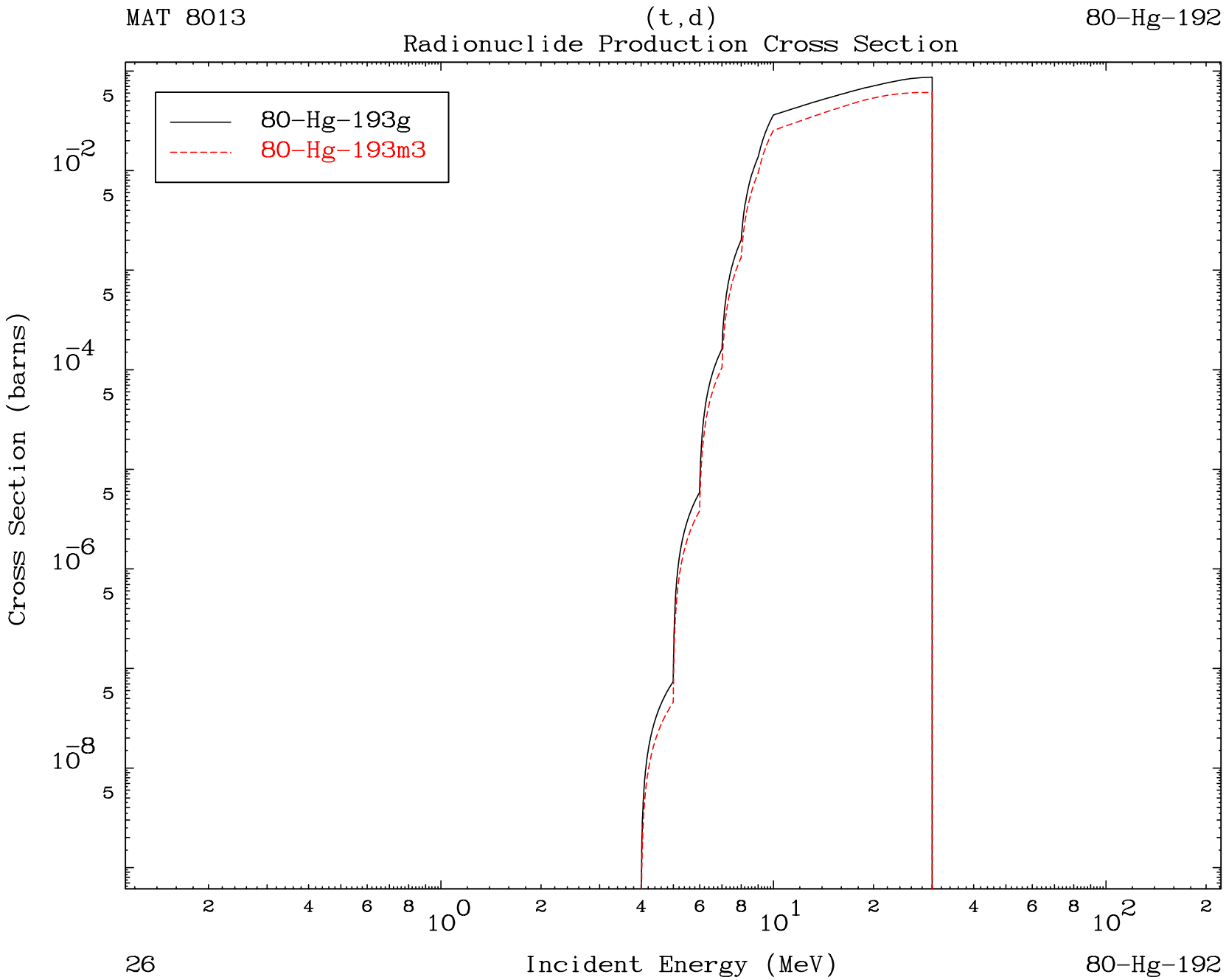

MAT 8013
(t,n') He-3
80-Hg-192
Radionuclide Production Cross Section
79-Au-191g
79-Au-191m4
Cross Section (barns)
Incident Energy (MeV)
21
80-Hg-192

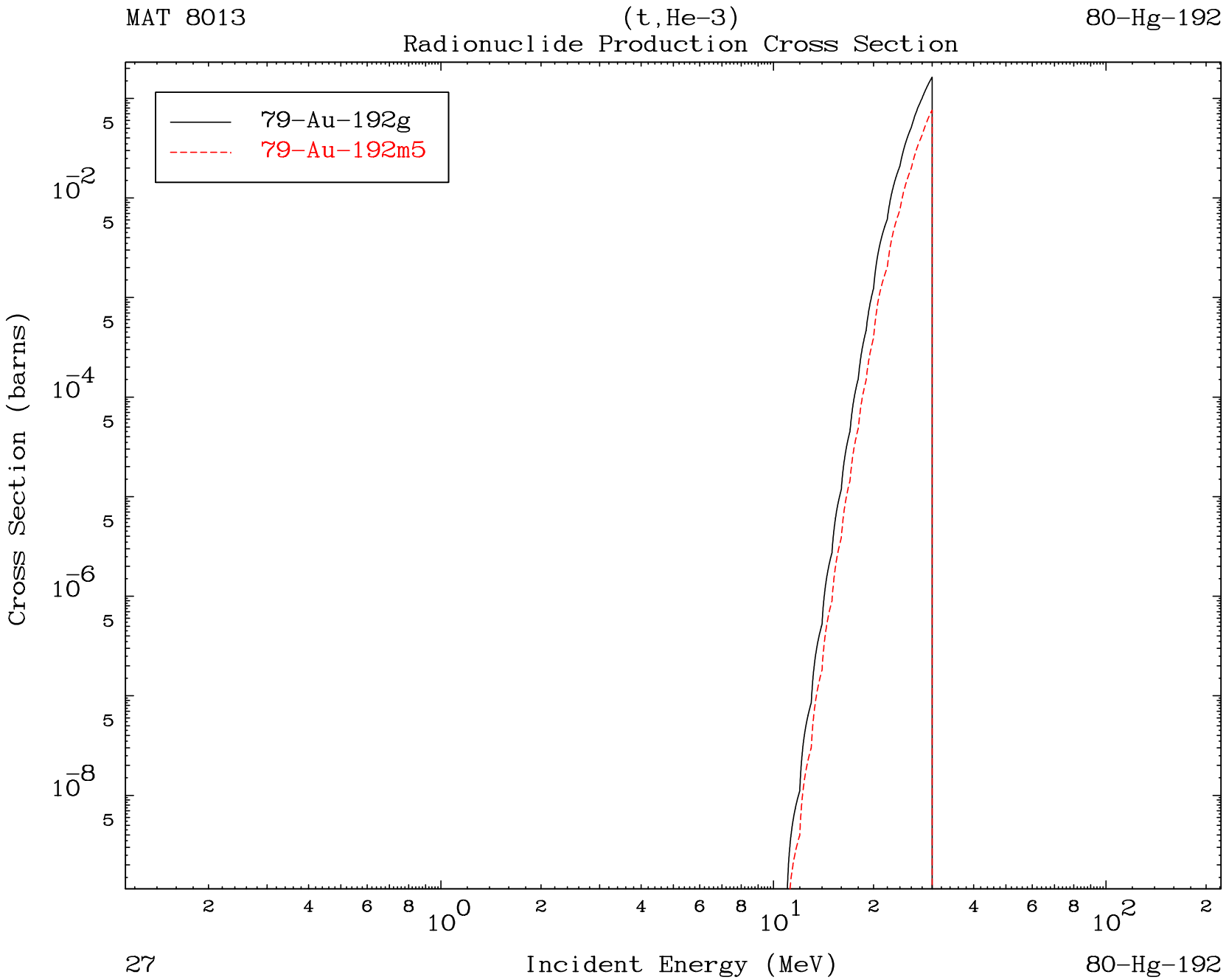

MAT 8013
(t,4n)
80-Hg-192
Radionuclide Production Cross Section
81-Tl-191g
81-Tl-191m2
Cross Section (barns)
Incident Energy (MeV)
22
80-Hg-192

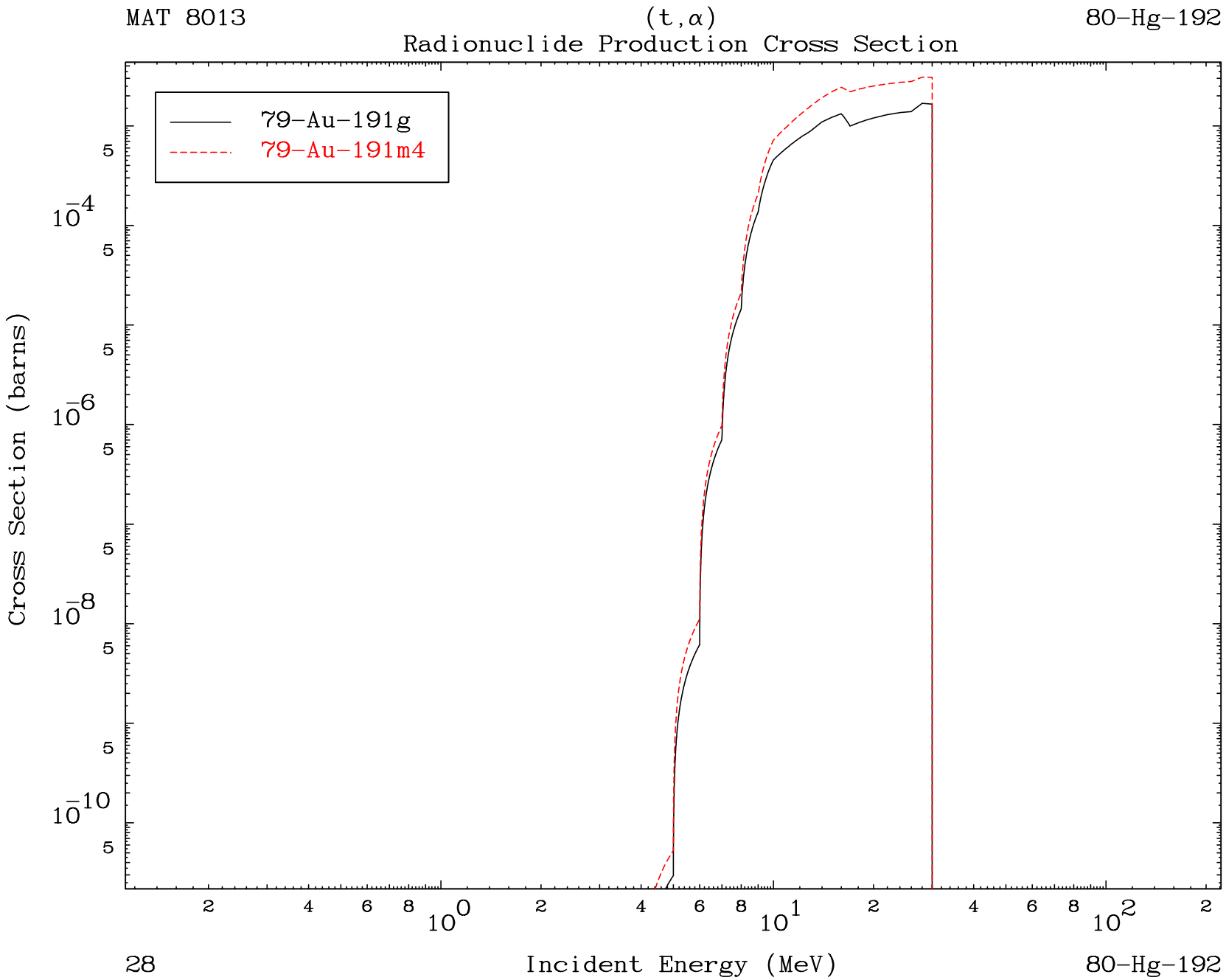

MAT 8013
(t,3n) p
80-Hg-192
Radionuclide Production Cross Section
80-Hg-191g
80-Hg-191m3
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
23
Incident Energy (MeV)
80-Hg-192

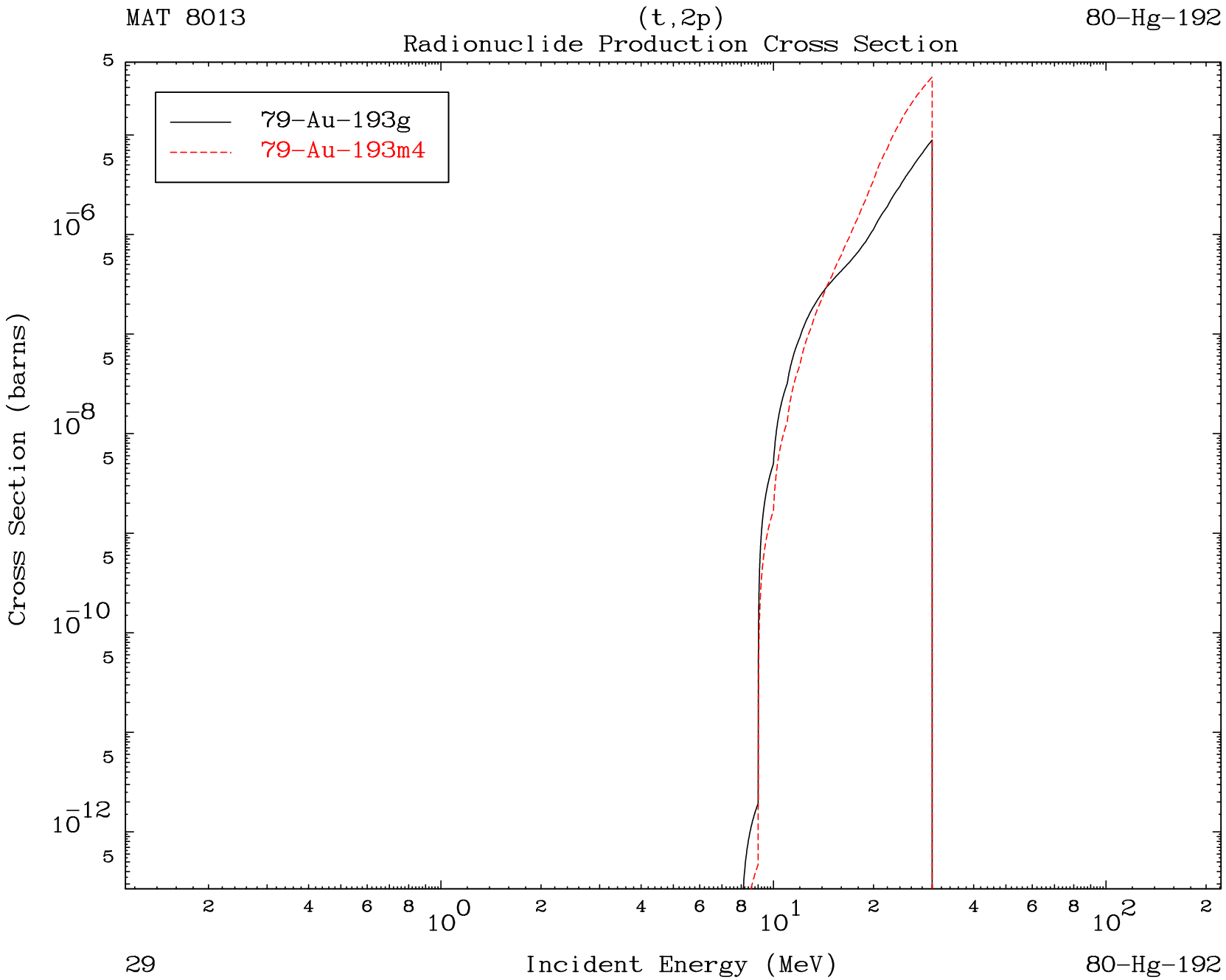

MAT 8013
(t,2n) p
80-Hg-192
Radionuclide Production Cross Section
79-Au-192g
79-Au-192m5
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
24
Incident Energy (MeV)
80-Hg-192

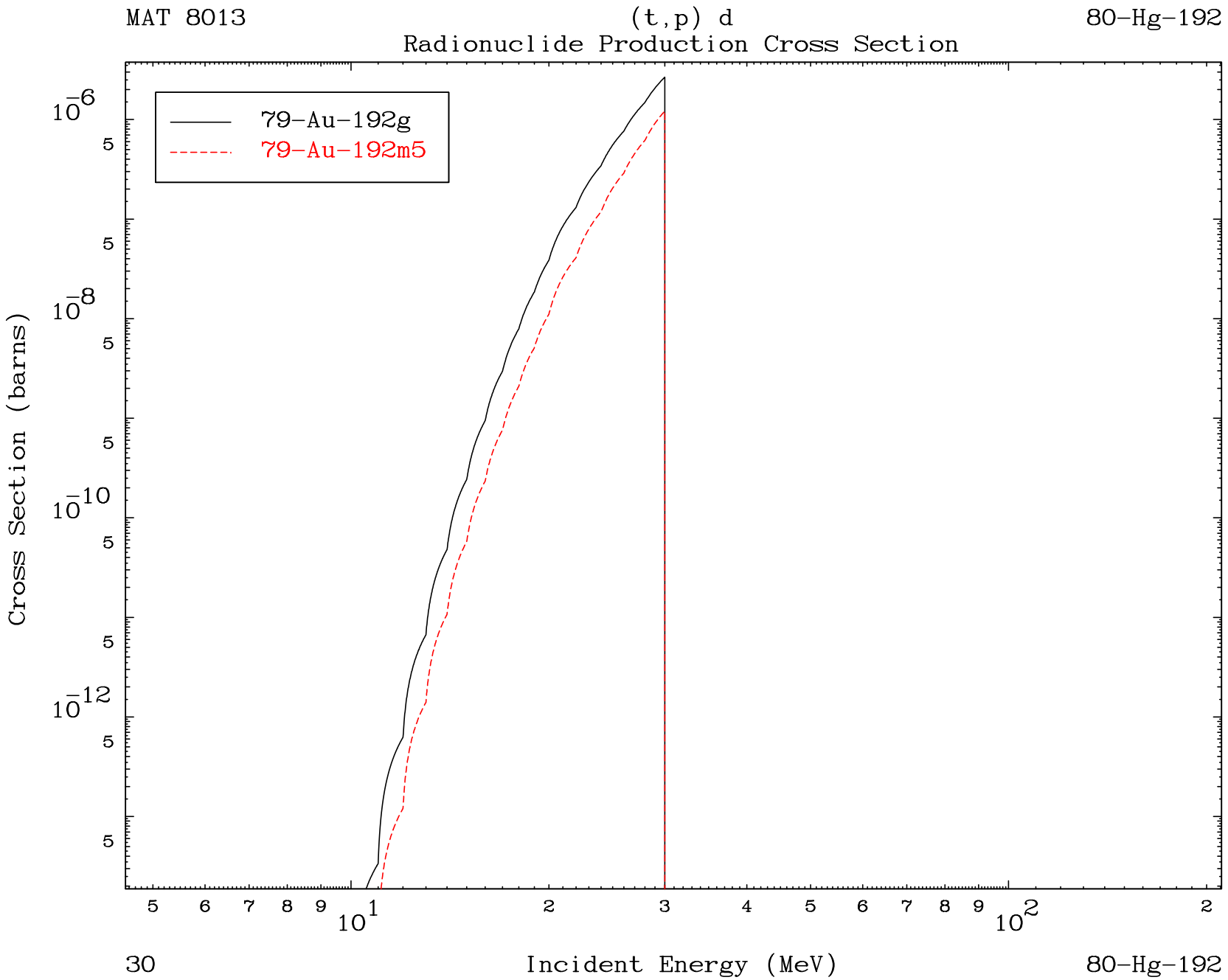

MAT 8013
(t,γ)
80-Hg-192
Radionuclide Production Cross Section
81-Tl-195g
81-Tl-195m2
Cross Section (barns)
Incident Energy (MeV)
25
80-Hg-192

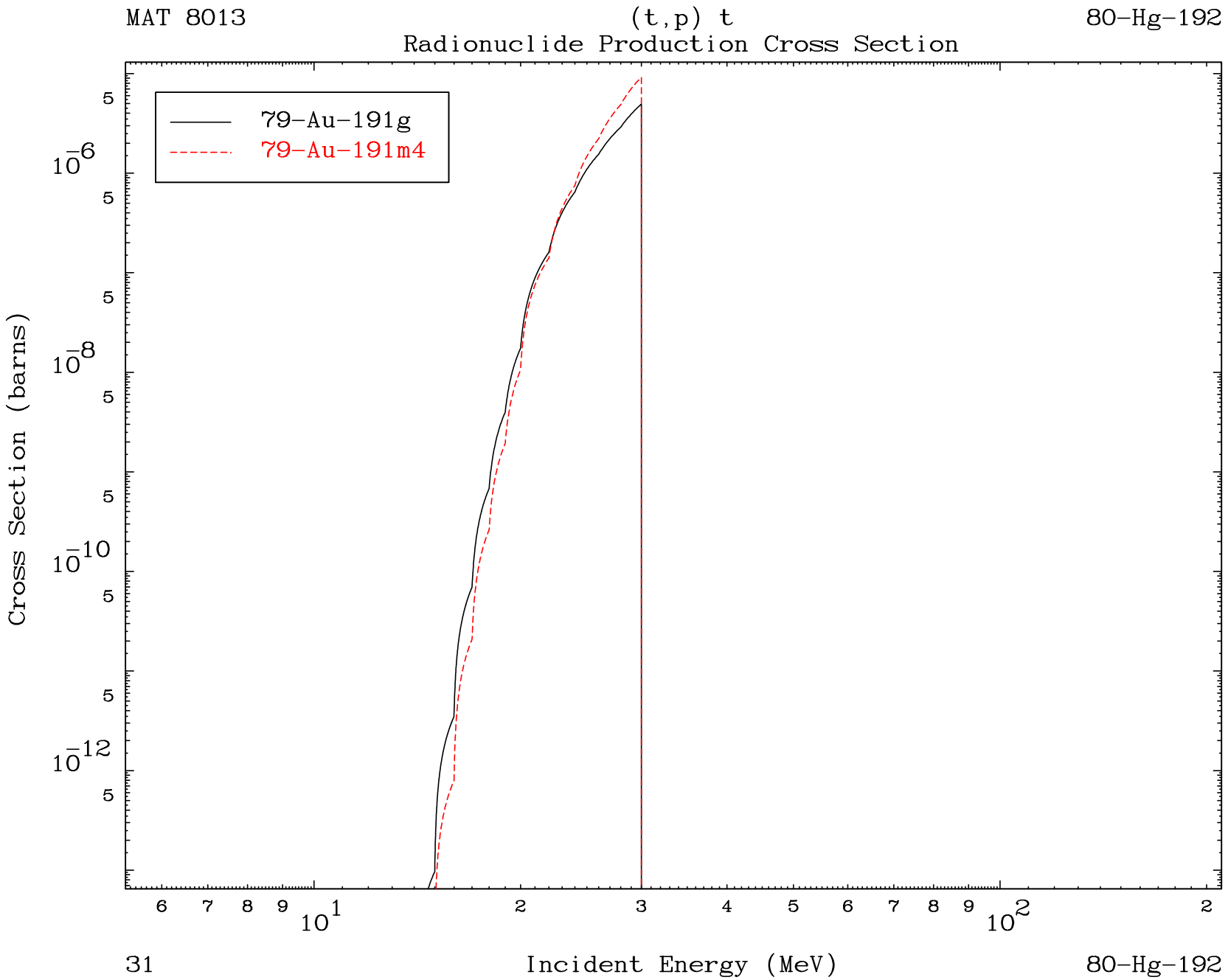

MAT 8013
(t,d)
80-Hg-192
Radionuclide Production Cross Section
80-Hg-193g
80-Hg-193m3
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
26
80-Hg-192


MAT 8013
(t,He-3)
80-Hg-192
Radionuclide Production Cross Section
79-Au-192g
79-Au-192m5
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
27
80-Hg-192


MAT 8013
(t,α)
80-Hg-192
Radionuclide Production Cross Section
79-Au-191g
79-Au-191m4
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
28
80-Hg-192


MAT 8013
(t,2p)
80-Hg-192
Radionuclide Production Cross Section
79-Au-193g
79-Au-193m4
Cross Section (barns)
Incident Energy (MeV)
29
80-Hg-192


MAT 8013
(t,p) d
80-Hg-192
Radionuclide Production Cross Section
79-Au-192g
79-Au-192m5
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
10^1
2
3
4
5
6
7
8
9
10^2
2
30
Incident Energy (MeV)
80-Hg-192


MAT 8013
(t,p) t
80-Hg-192
Radionuclide Production Cross Section
79-Au-191g
79-Au-191m4
Cross Section (barns)
Incident Energy (MeV)
31
80-Hg-192