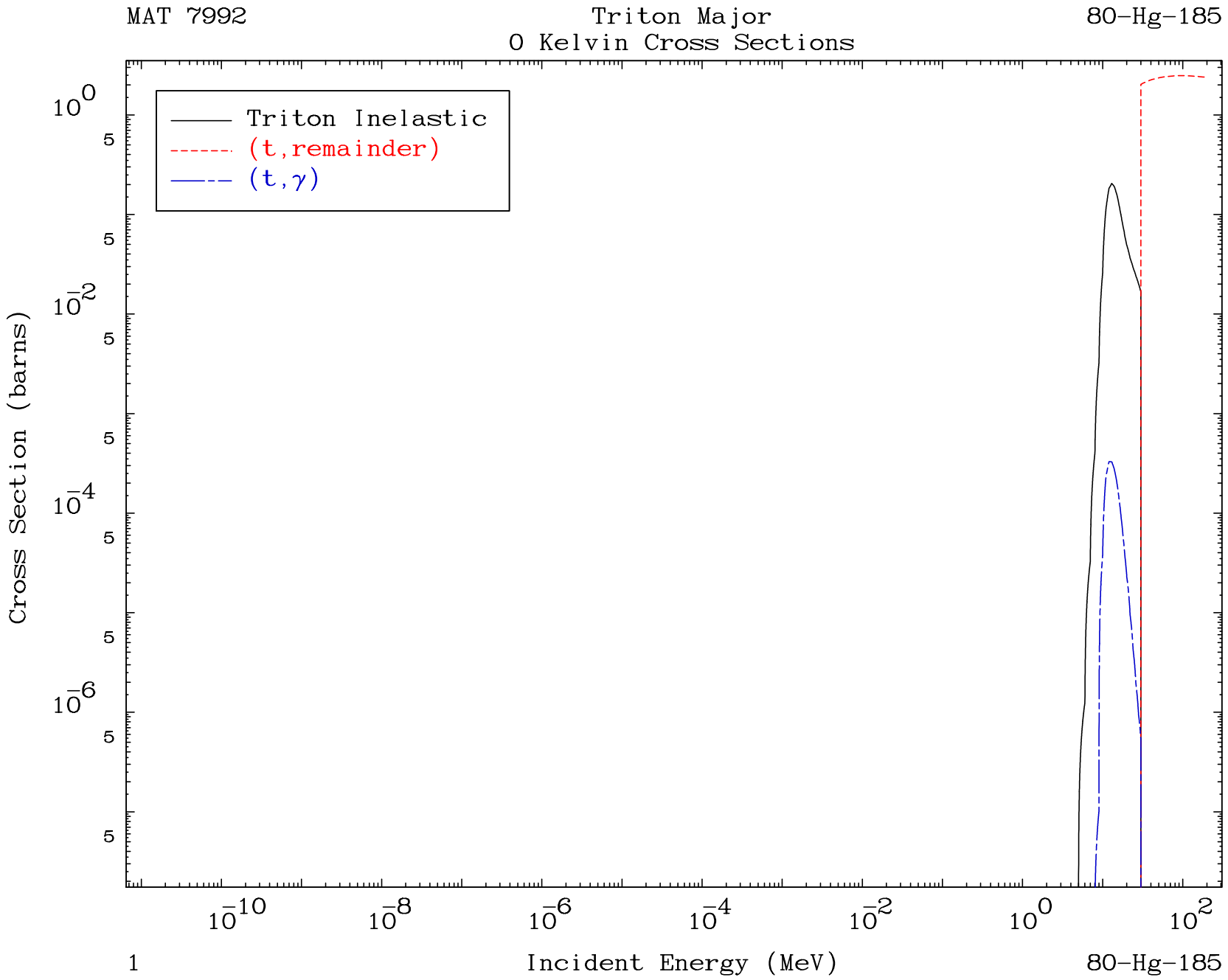
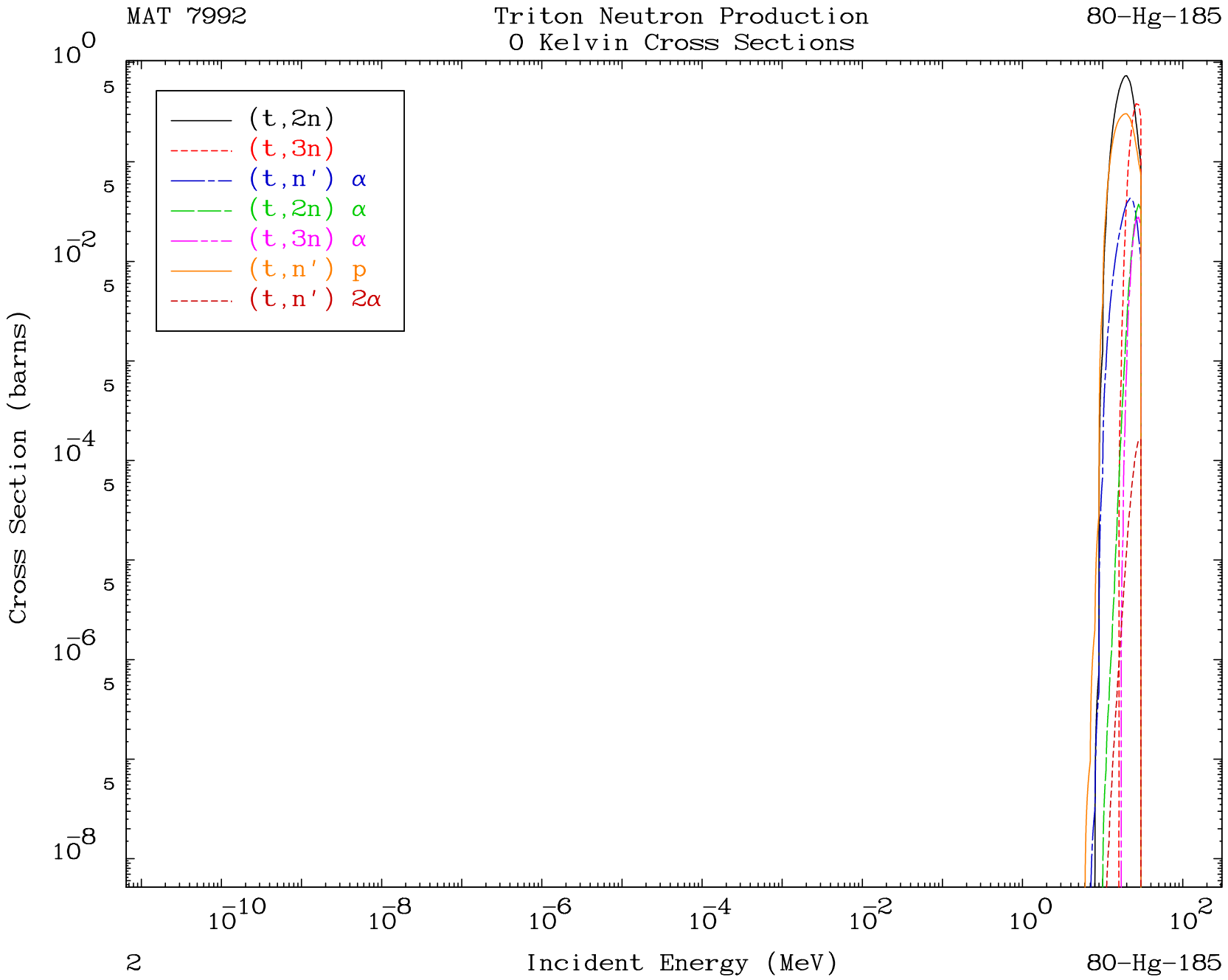
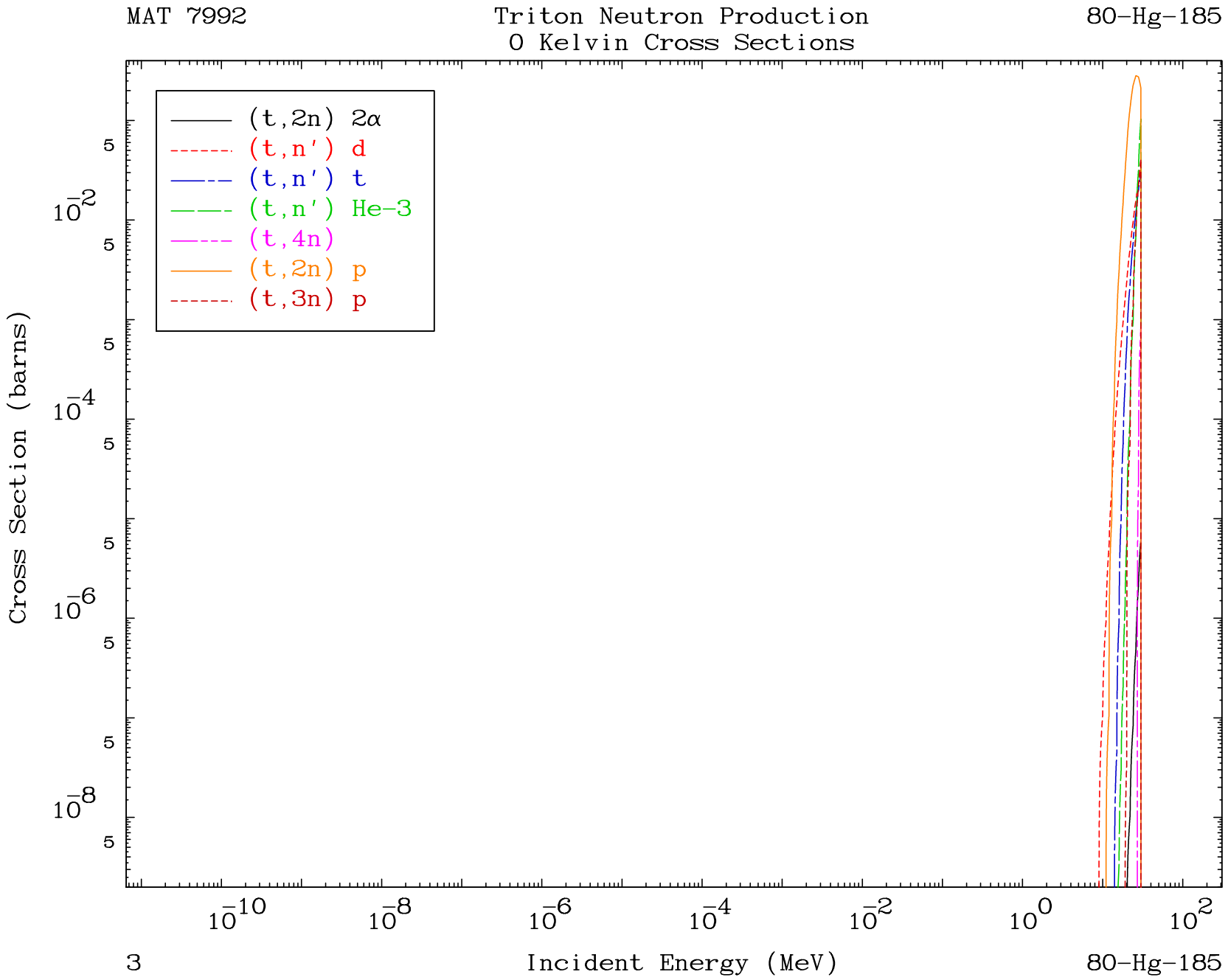
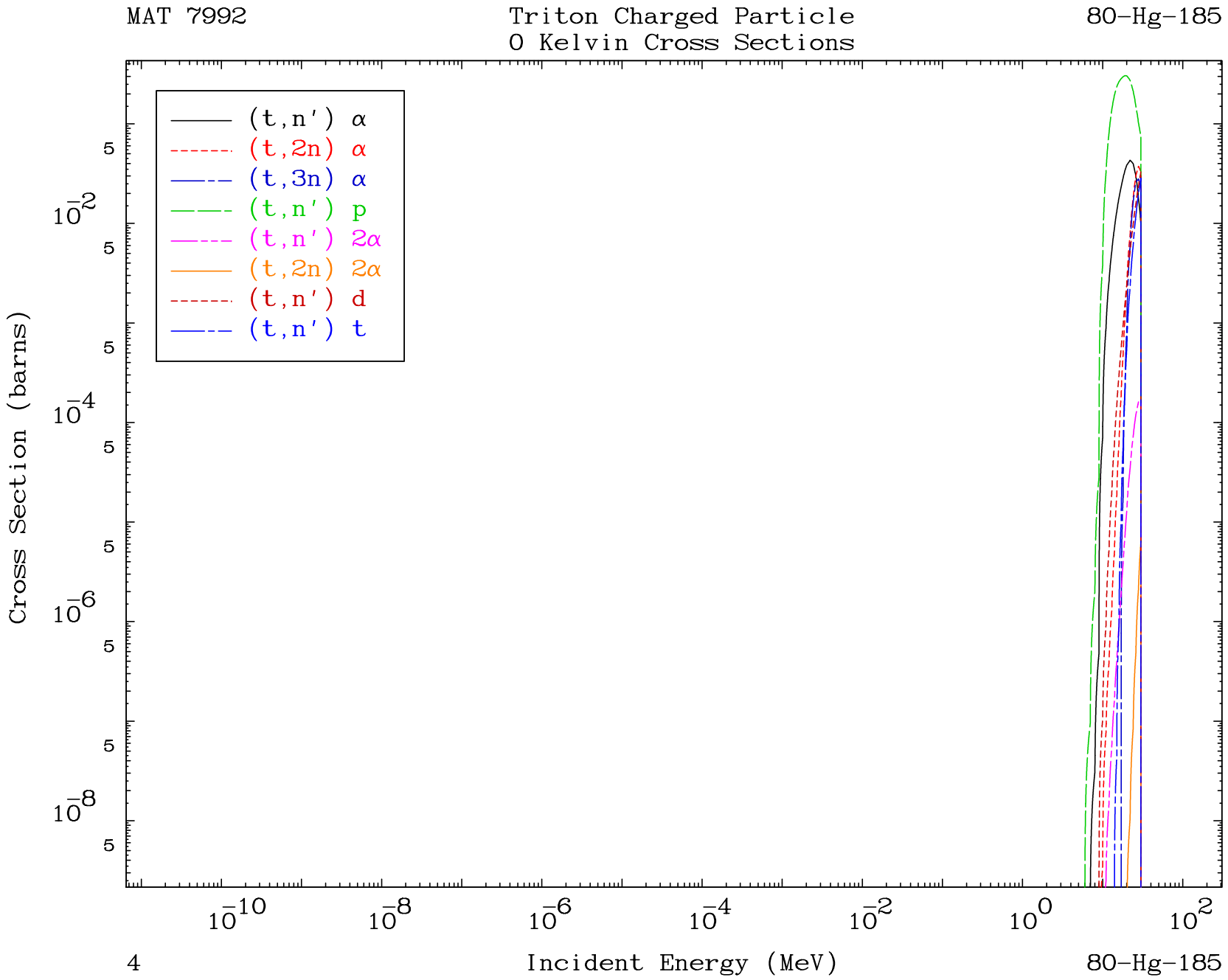
Program EVALPLOT
(Version 2018-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

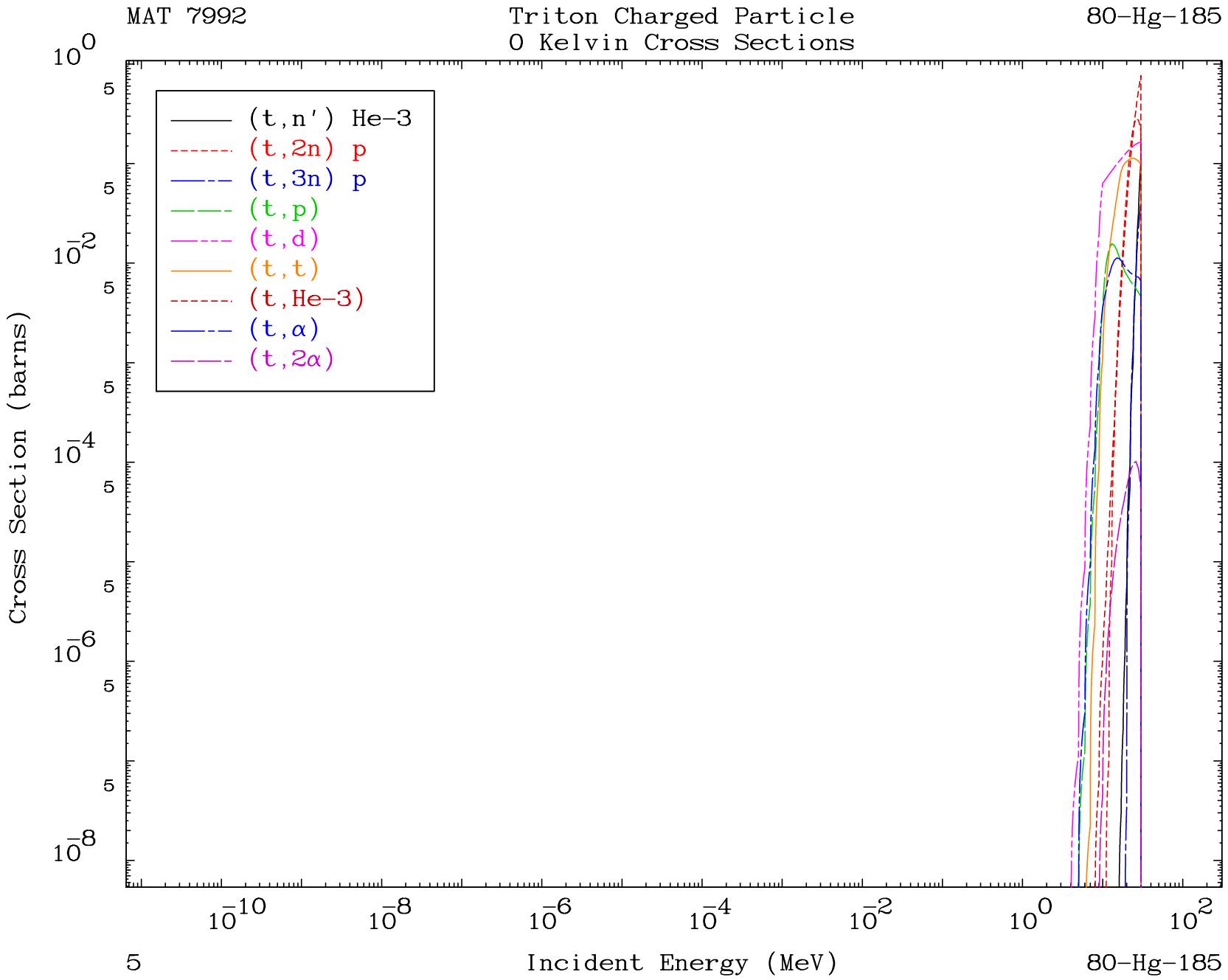
Press Mouse Button to Start

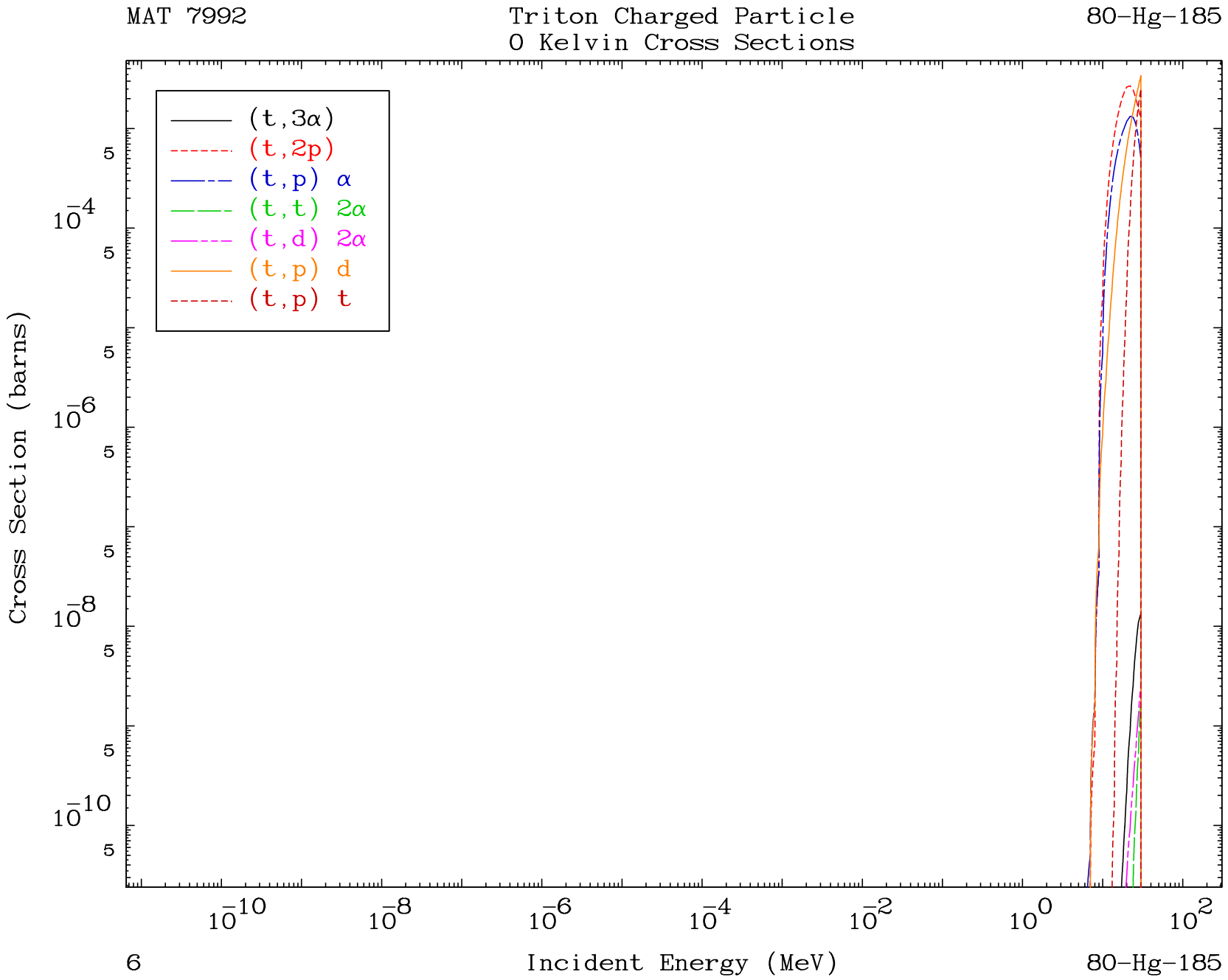

MAT 7992
Triton Major
80-Hg-185
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
1
80-Hg-185

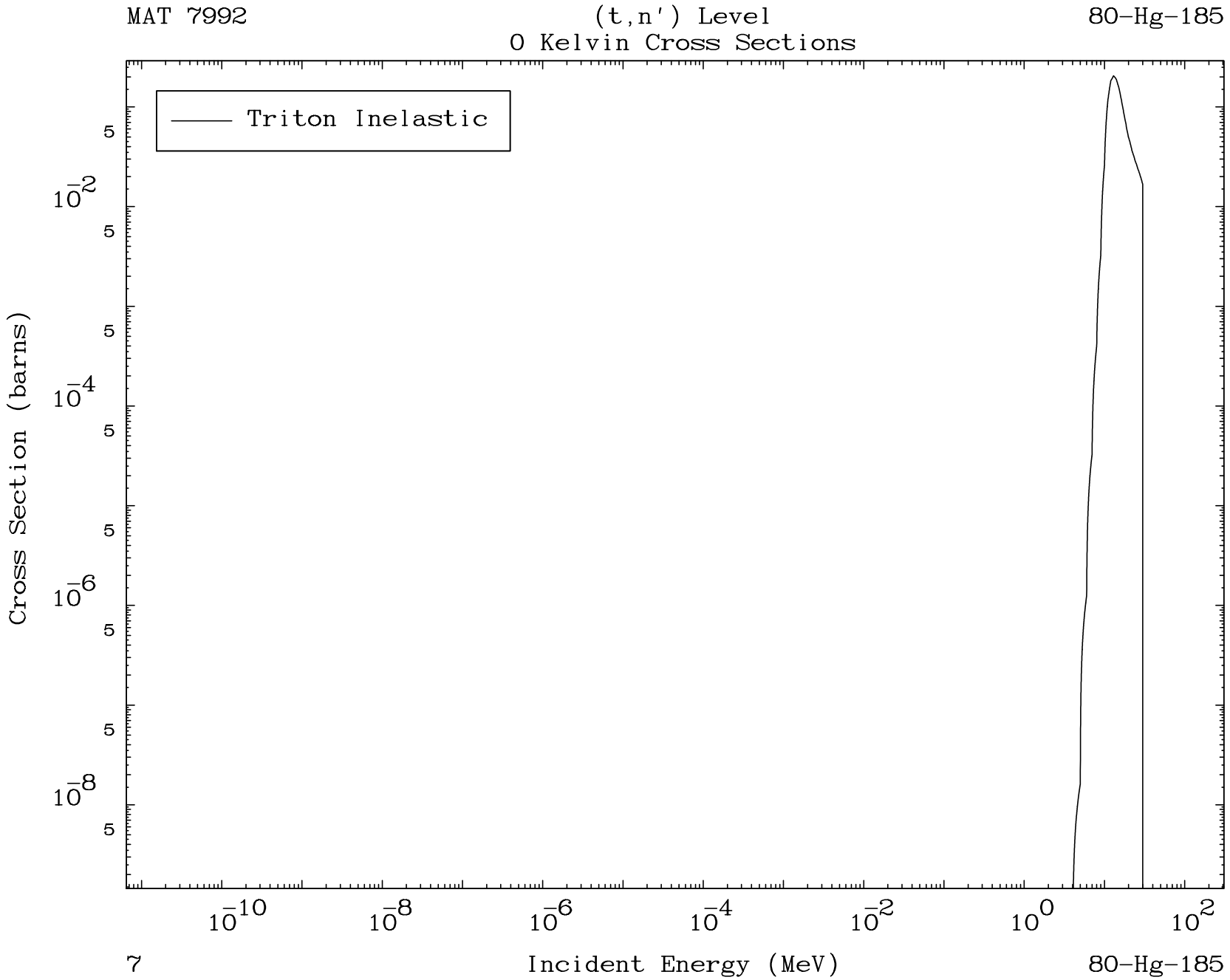

MAT 7992
Triton Neutron Production
0 Kelvin Cross Sections
80-Hg-185
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
80-Hg-185

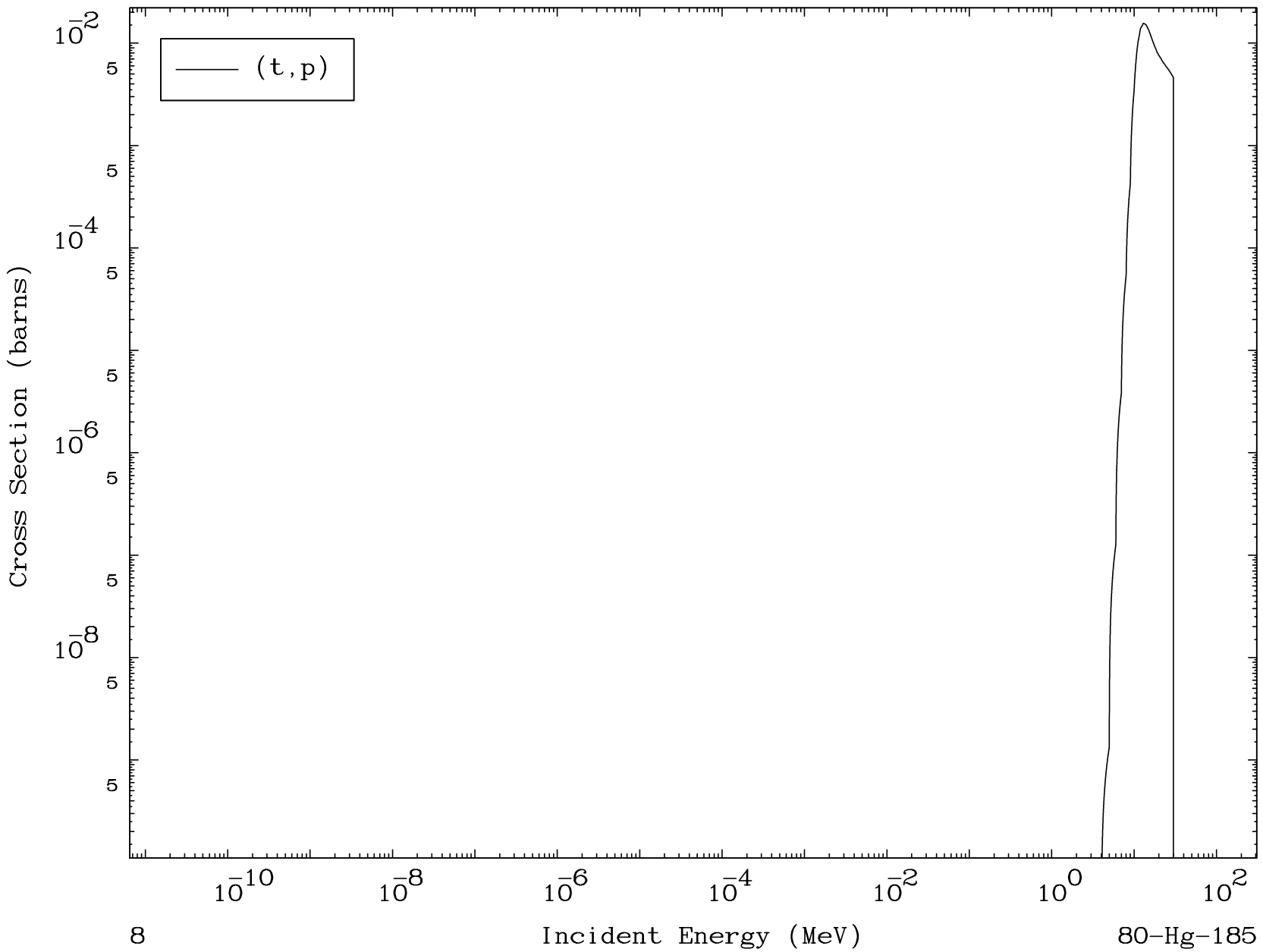

MAT 7992
Triton Neutron Production
0 Kelvin Cross Sections
80-Hg-185
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
Incident Energy (MeV)
3
80-Hg-185

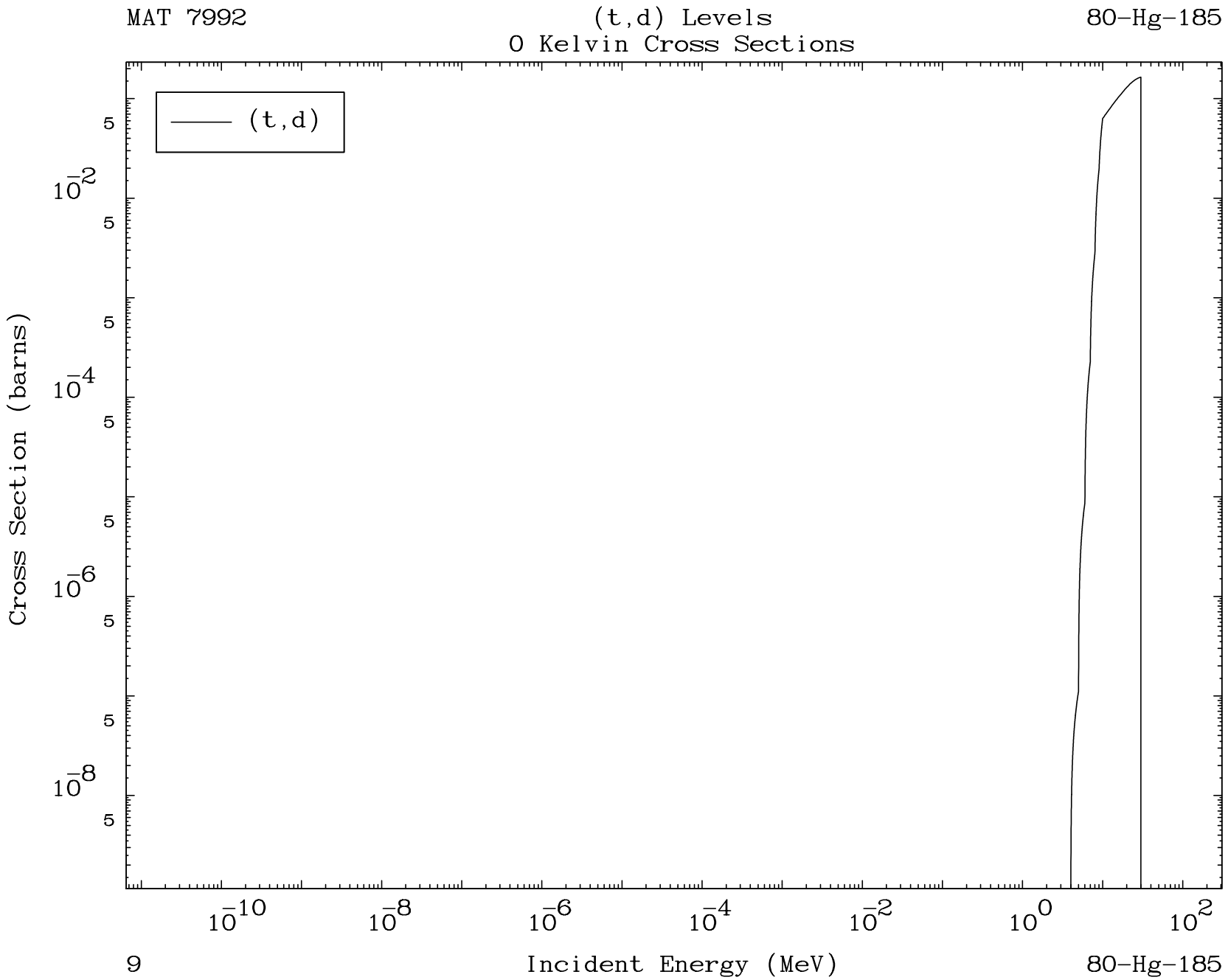

MAT 7992
Triton Charged Particle
0 Kelvin Cross Sections
80-Hg-185
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
(t,2n) 2α
(t,n') d
(t,n') t
Cross Section (barns)
Incident Energy (MeV)
4
80-Hg-185

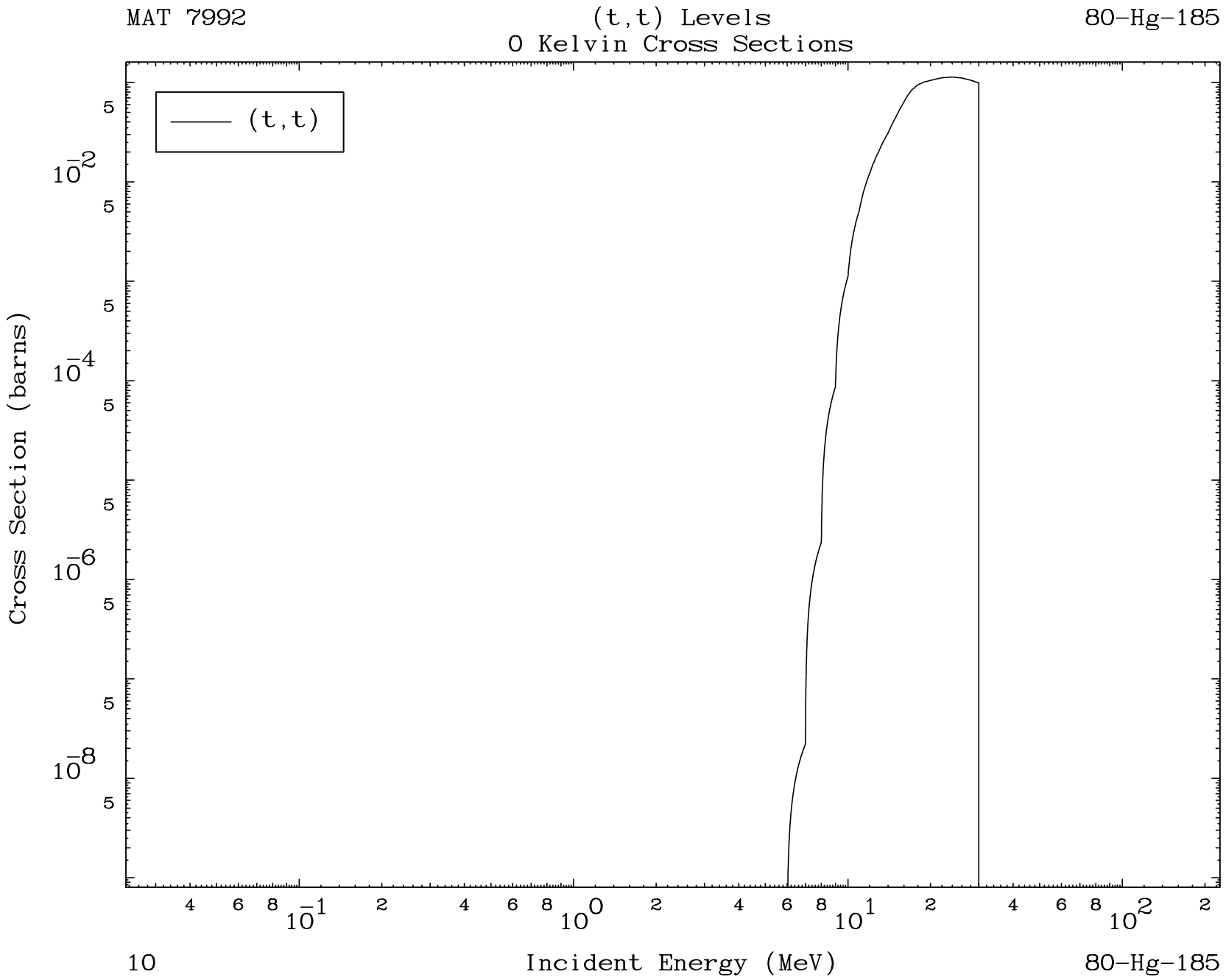

MAT 7992
Triton Charged Particle
0 Kelvin Cross Sections
80-Hg-185
(t,n') He-3
(t,2n) p
(t,3n) p
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2α)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-185

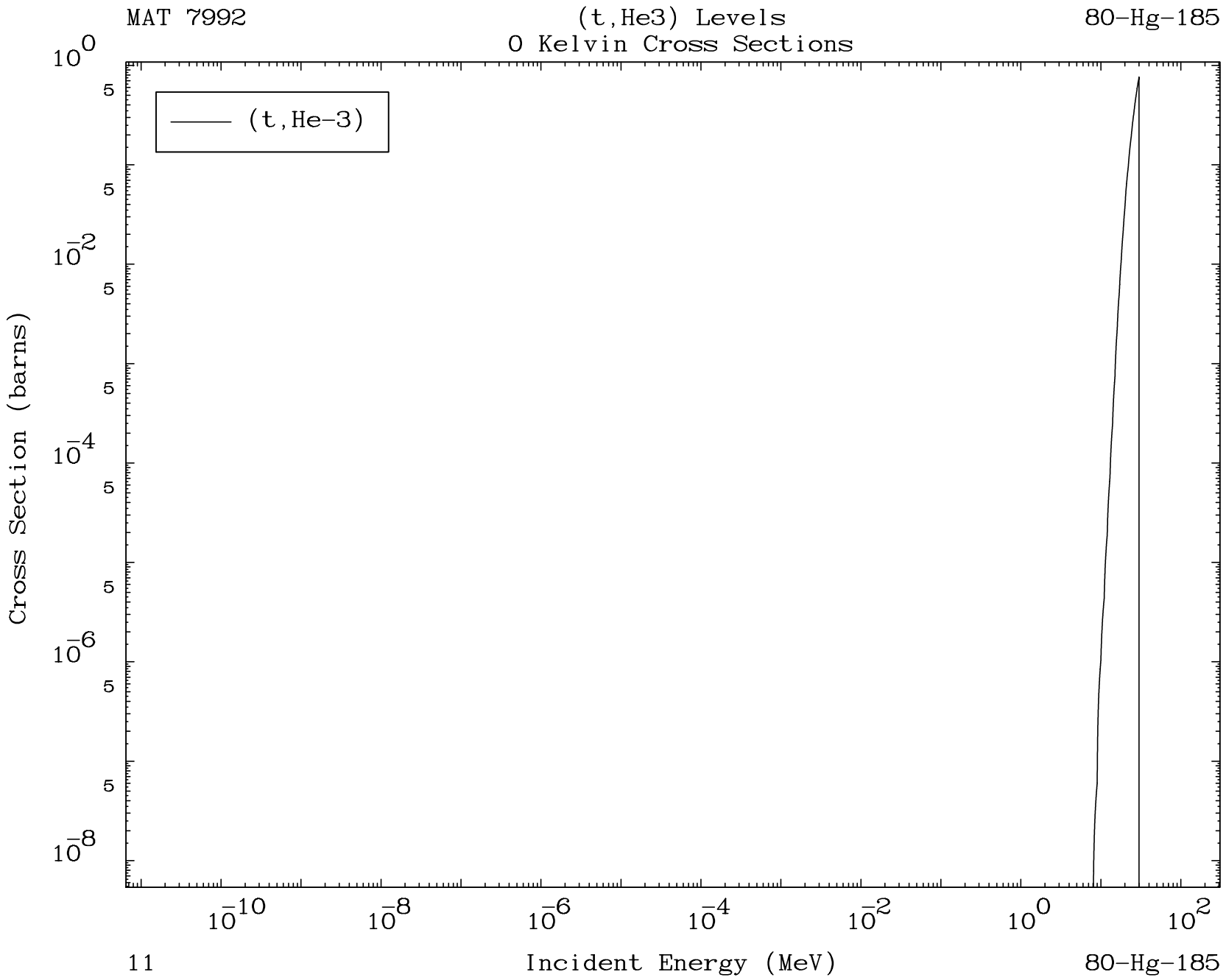

MAT 7992
Triton Charged Particle
0 Kelvin Cross Sections
80-Hg-185
(t,3α)
(t,2p)
(t,p) α
(t,t) 2α
(t,d) 2α
(t,p) d
(t,p) t
Cross Section (barns)
Incident Energy (MeV)
6
80-Hg-185

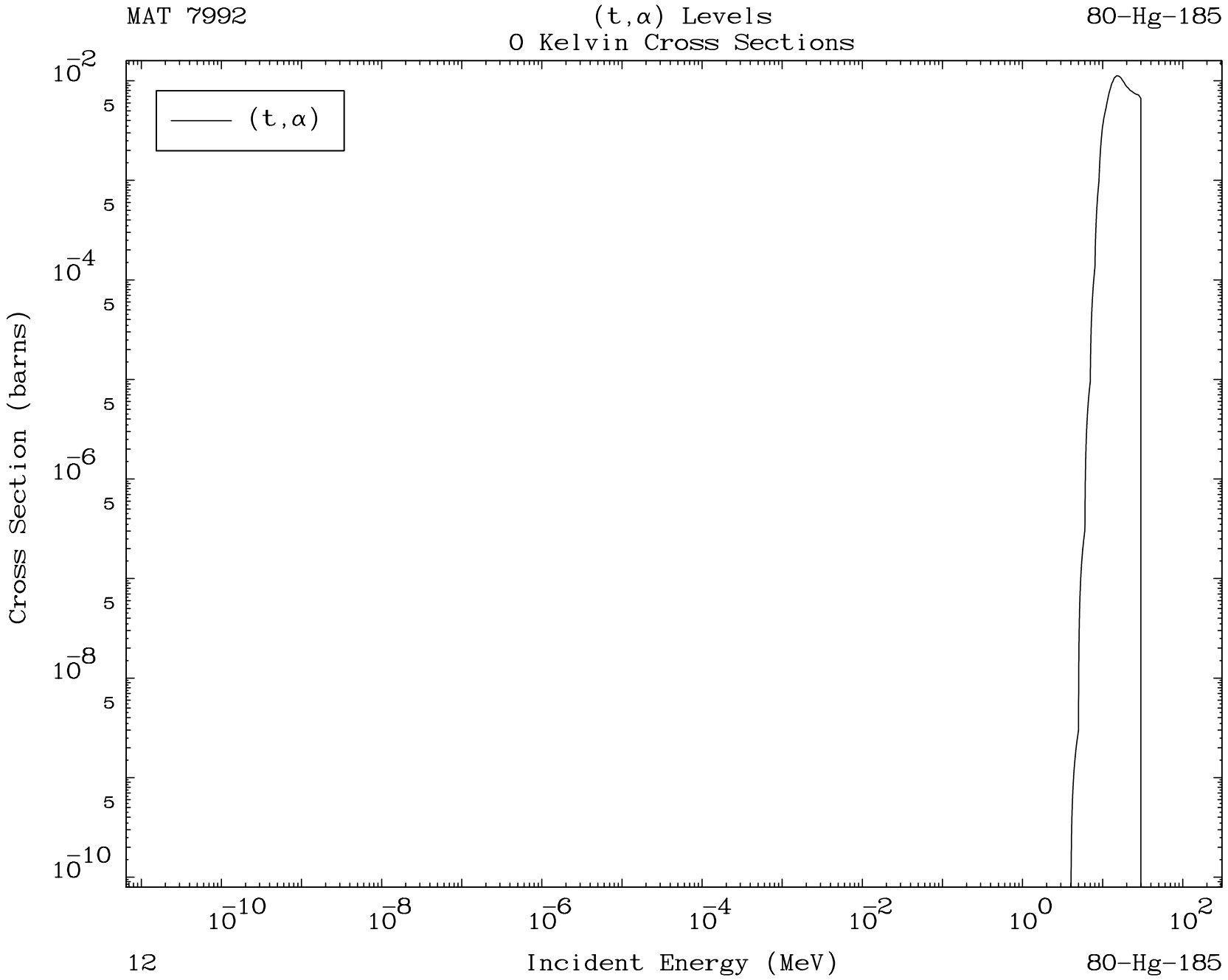

MAT 7992
(t,n') Level
80-Hg-185
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
Incident Energy (MeV)
7
80-Hg-185

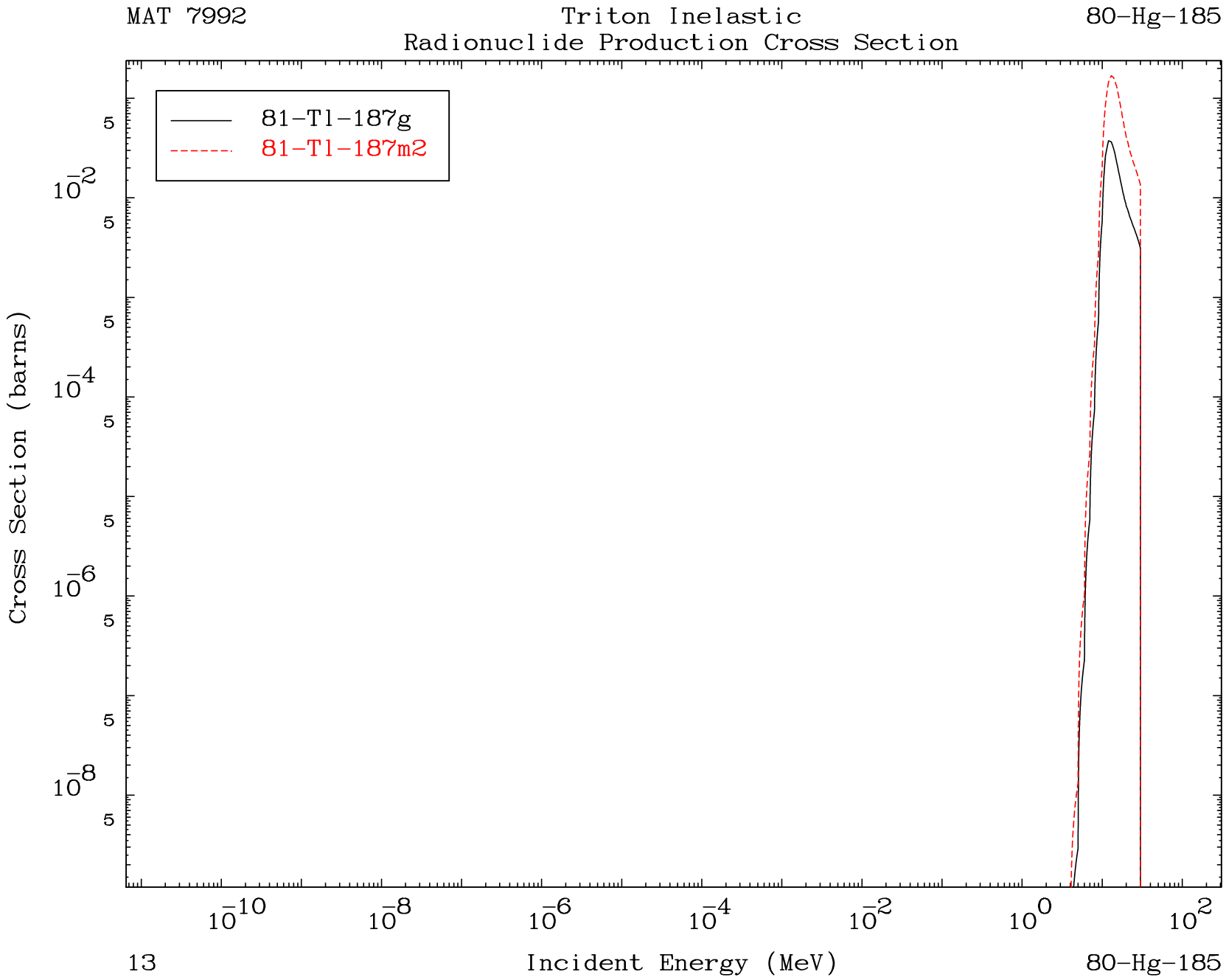

0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
10^-2
10^-4
10^-6
10^-8
10^-10
10^0
10^2

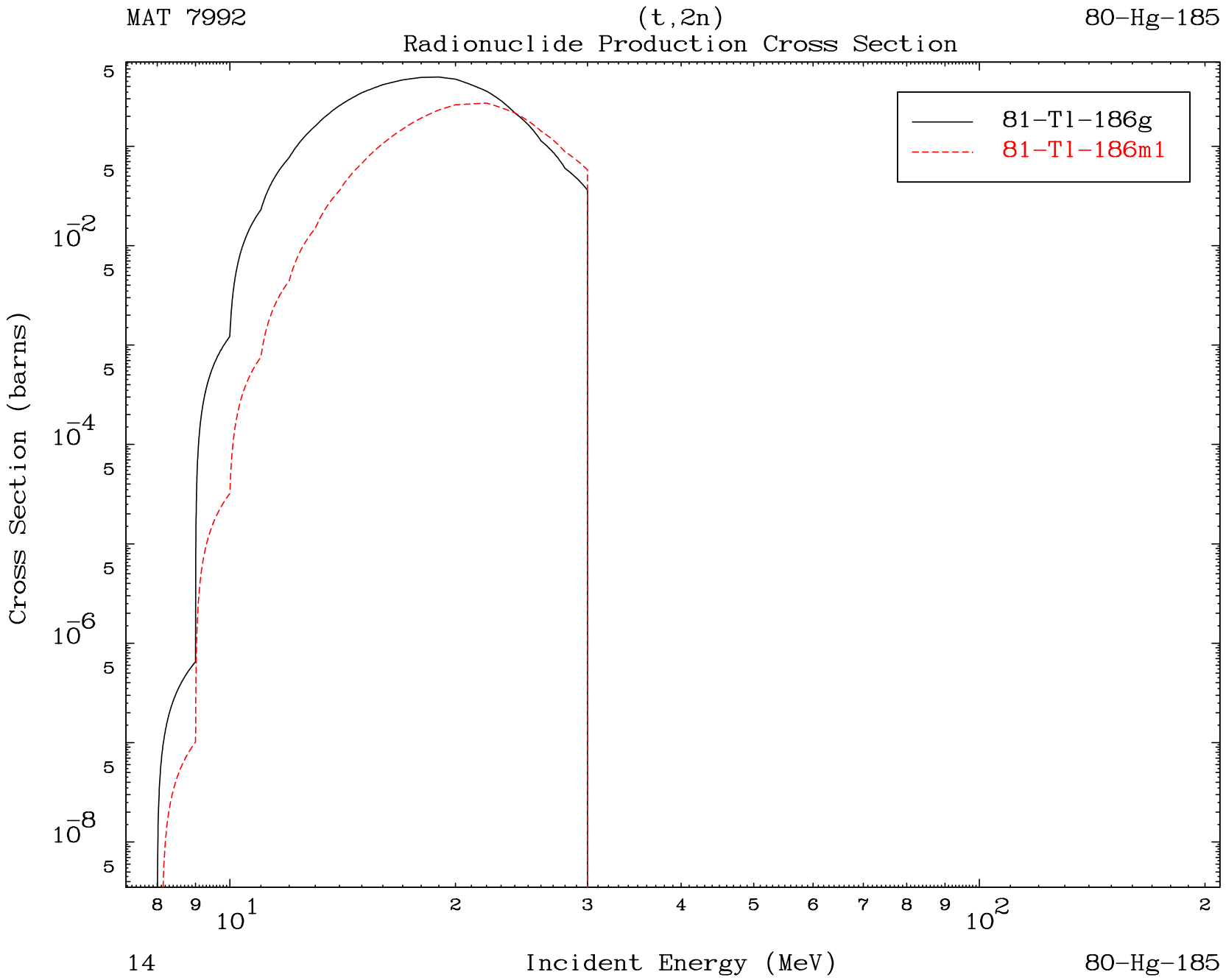

MAT 7992
(t,d) Levels
80-Hg-185
0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
9
80-Hg-185

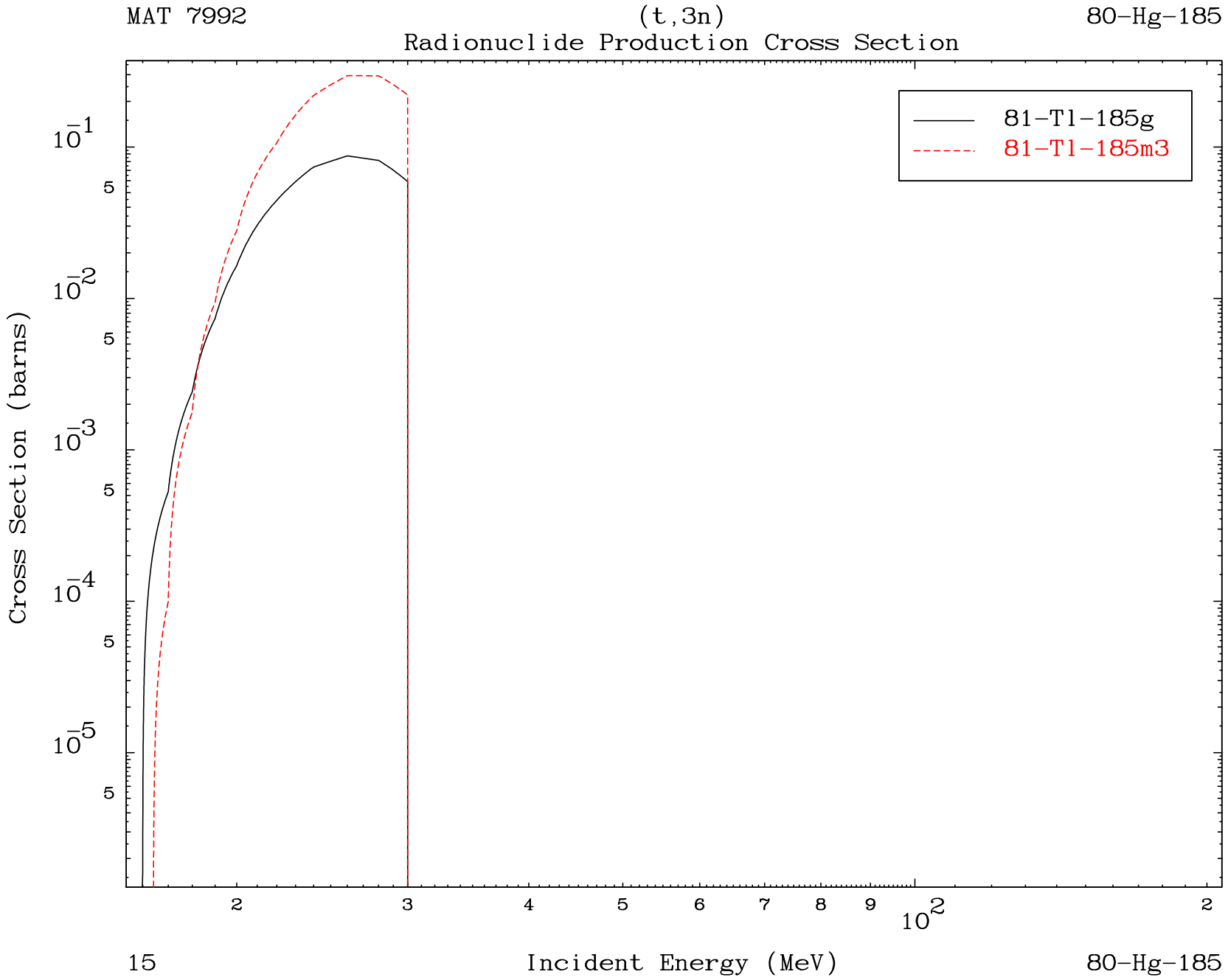

MAT 7992
(t,t) Levels
80-Hg-185
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-185
10

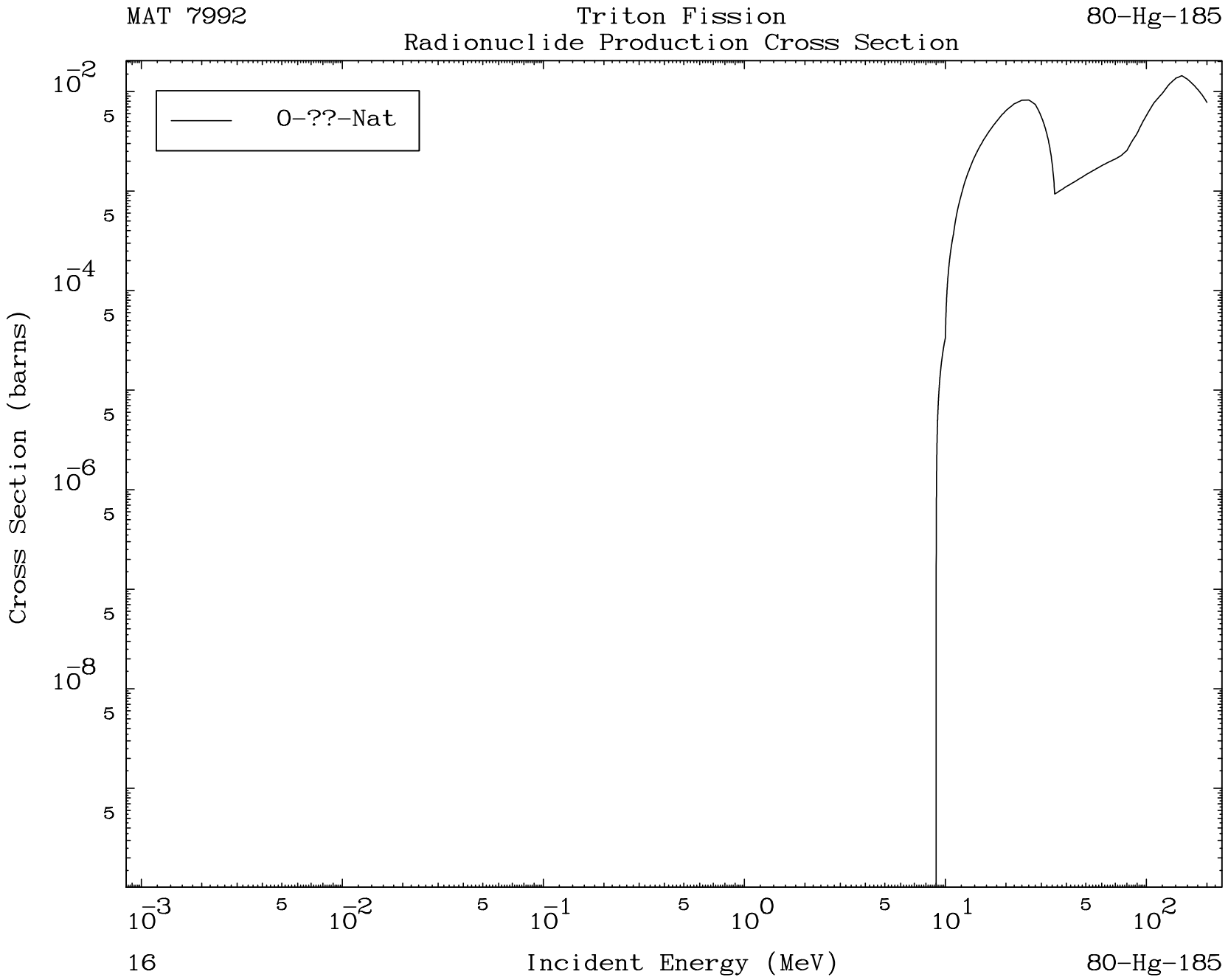

MAT 7992
(t,He3) Levels
80-Hg-185
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
80-Hg-185

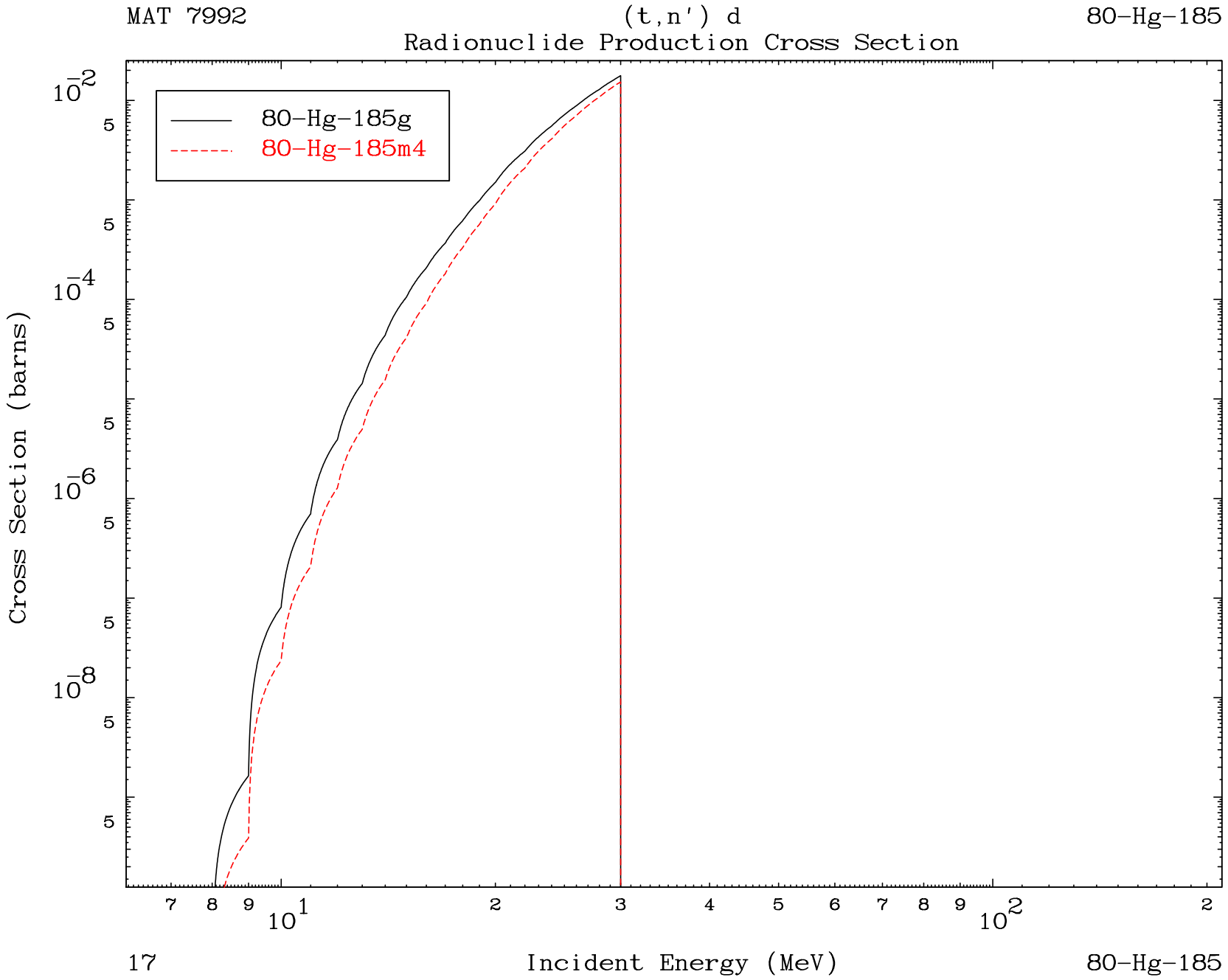

MAT 7992
(t,α) Levels
80-Hg-185
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
Incident Energy (MeV)
12
80-Hg-185

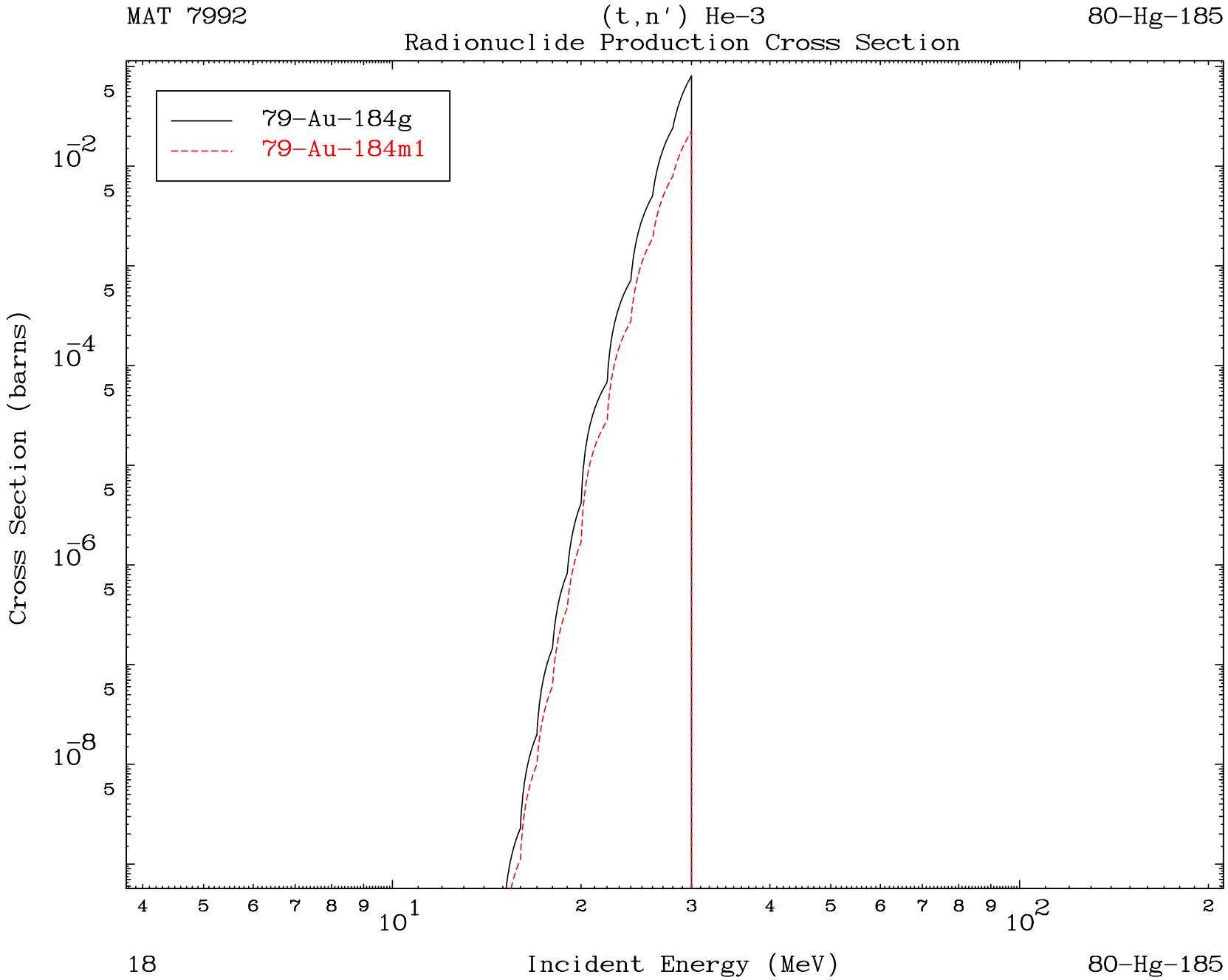

MAT 7992
Triton Inelastic
80-Hg-185
Radionuclide Production Cross Section
81-Tl-187g
81-Tl-187m2
Cross Section (barns)
Incident Energy (MeV)
13
80-Hg-185

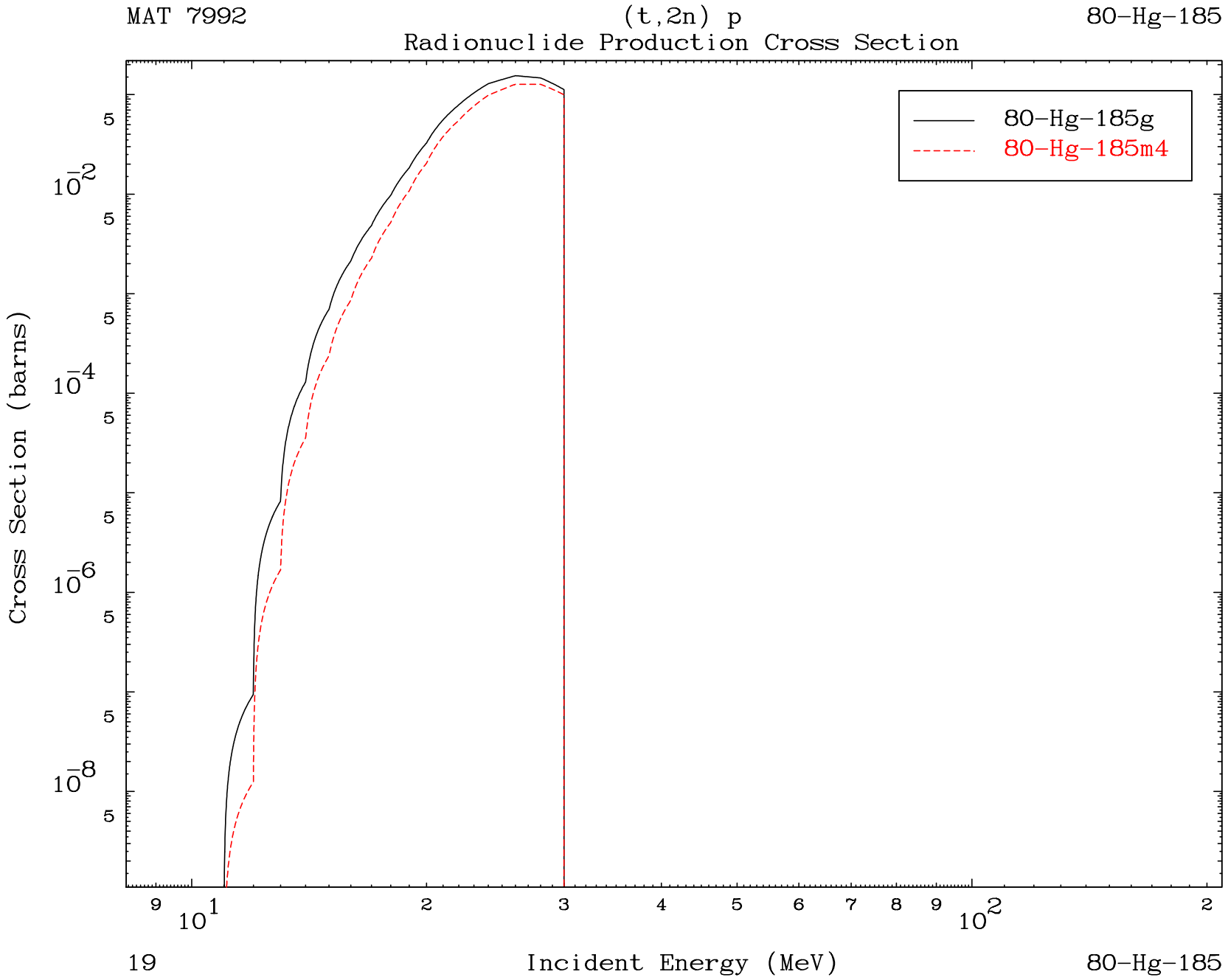

MAT 7992
(t,2n)
80-Hg-185
Radionuclide Production Cross Section
81-Tl-186g
81-Tl-186m1
Cross Section (barns)
Incident Energy (MeV)
14
80-Hg-185

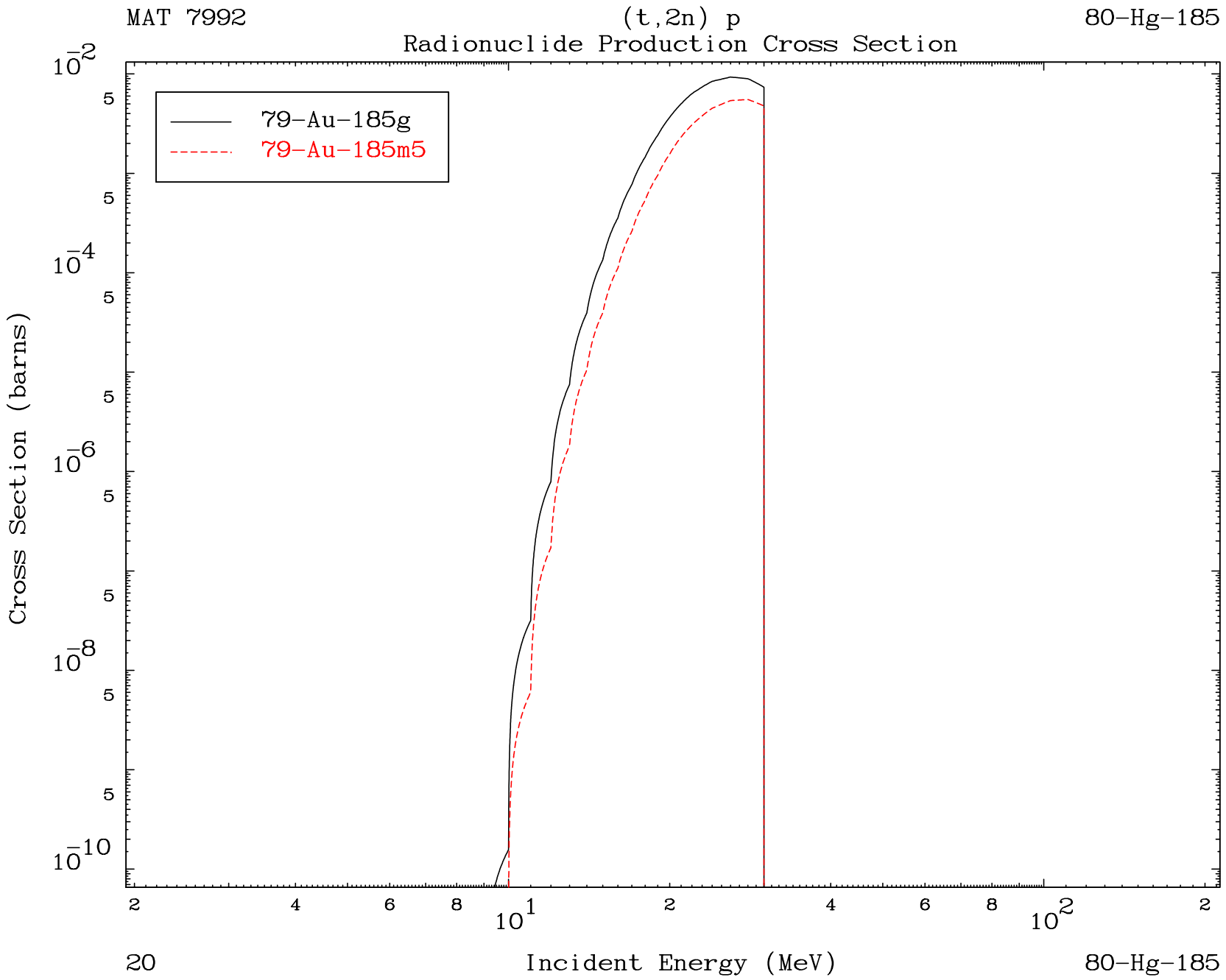

MAT 7992
(t,3n)
80-Hg-185
Radionuclide Production Cross Section
81-Tl-185g
81-Tl-185m3
Cross Section (barns)
10-1
10-2
10-3
10-4
10-5
2
3
4
5
6
7
8
9
10 2
15
Incident Energy (MeV)
80-Hg-185

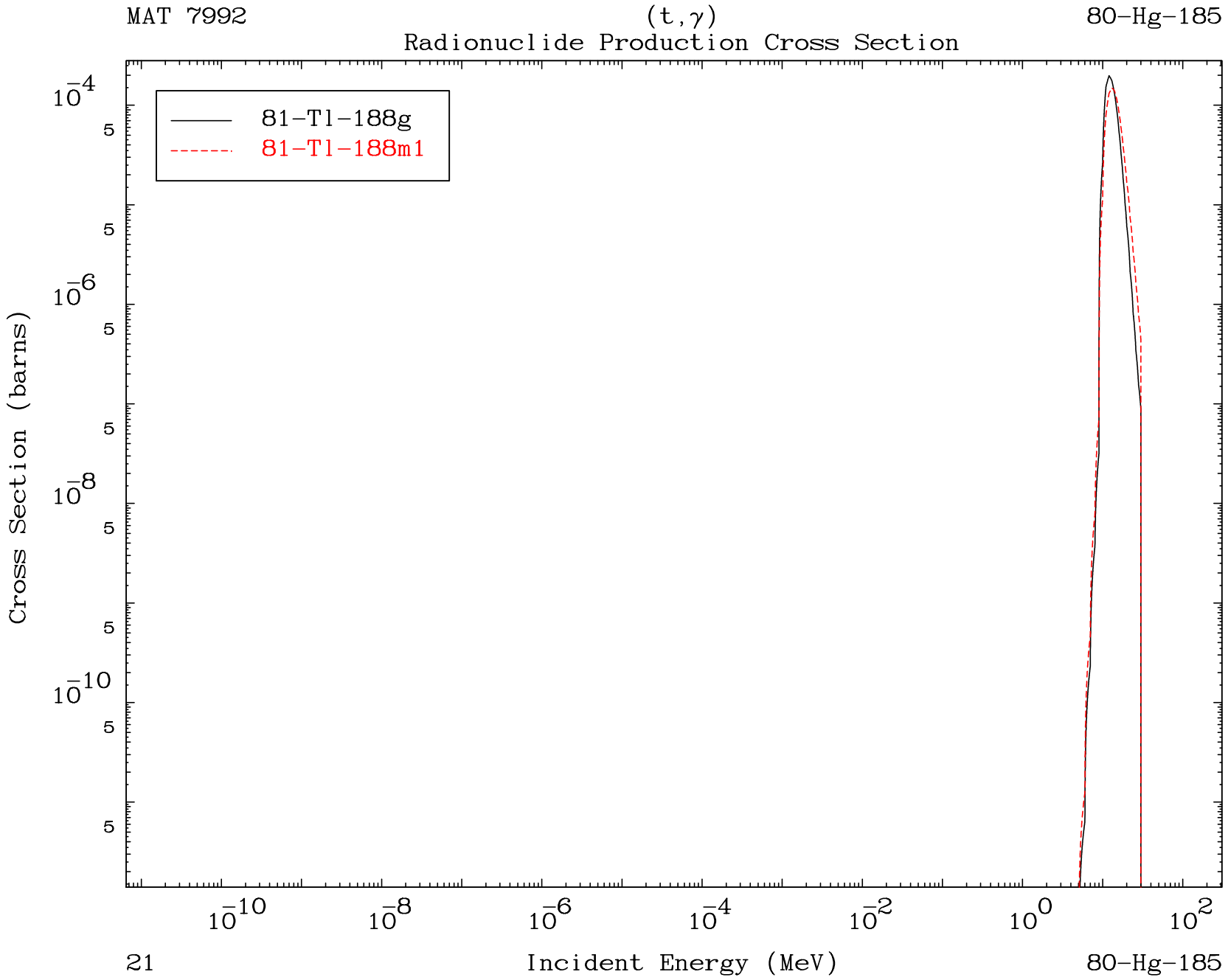

MAT 7992
Triton Fission
80-Hg-185
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
16
80-Hg-185

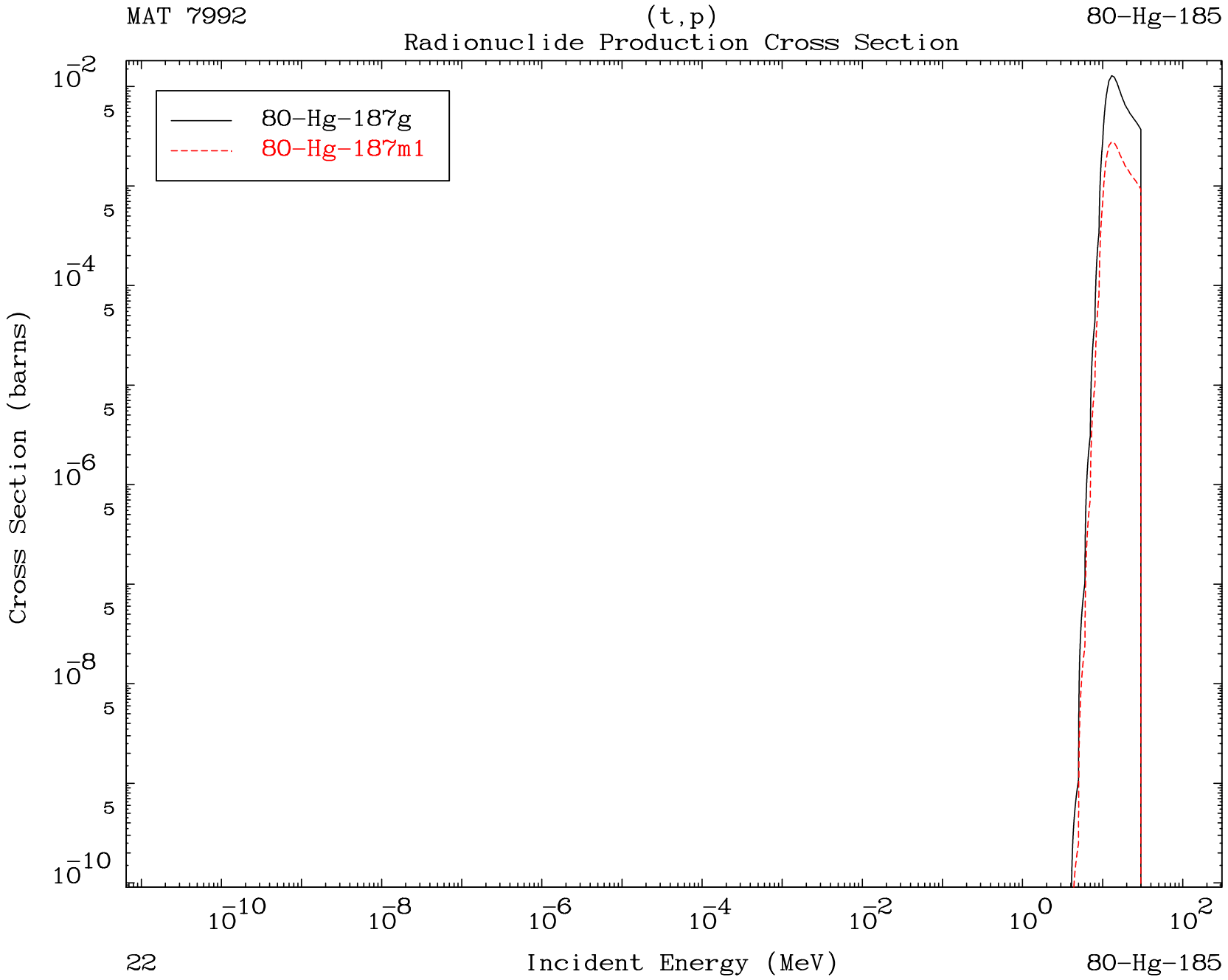

MAT 7992
(t,n') d
80-Hg-185
Radionuclide Production Cross Section
80-Hg-185g
80-Hg-185m4
Cross Section (barns)
Incident Energy (MeV)
17
80-Hg-185

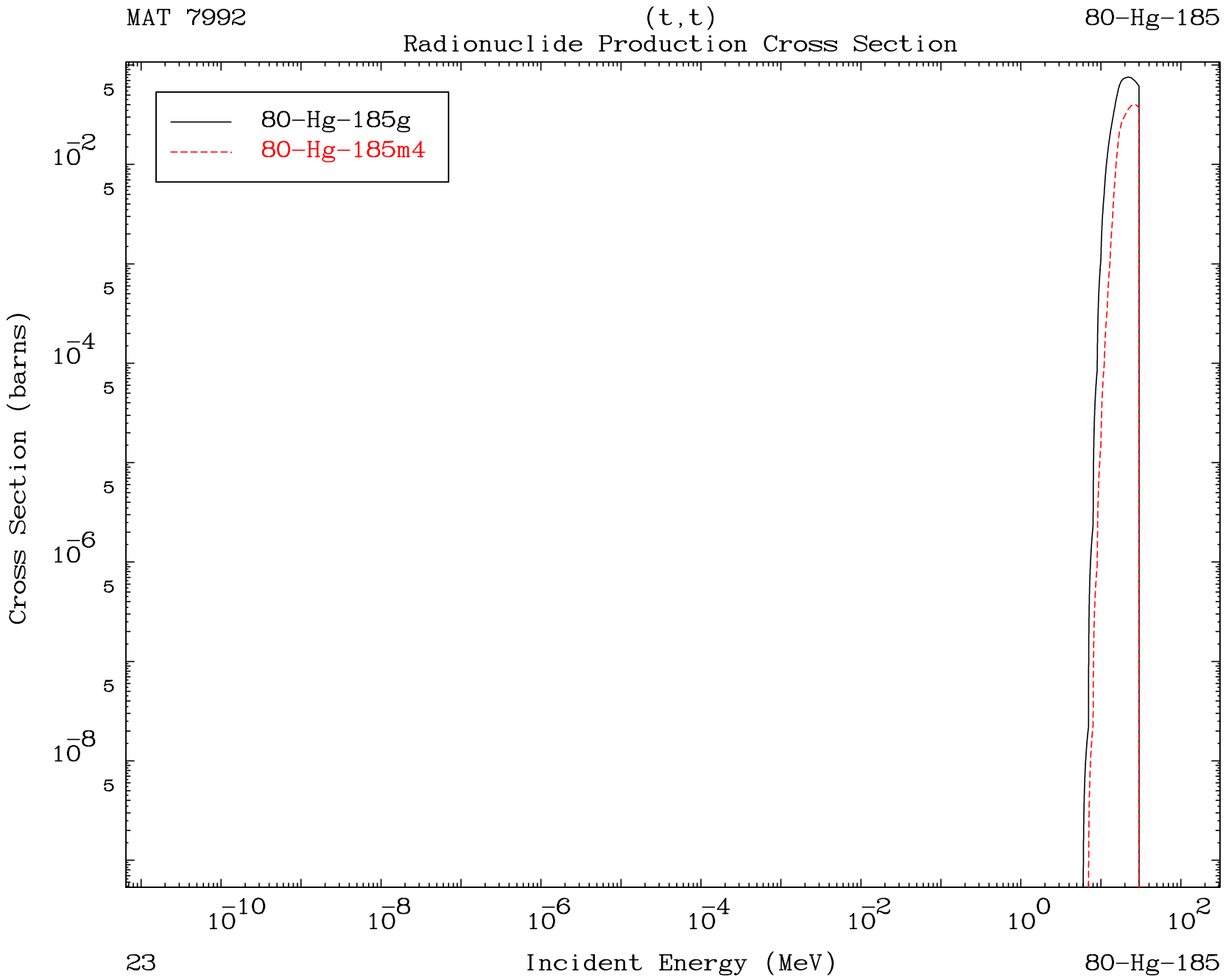

MAT 7992
(t,n') He-3
80-Hg-185
Radionuclide Production Cross Section
79-Au-184g
79-Au-184m1
Cross Section (barns)
Incident Energy (MeV)
18
80-Hg-185

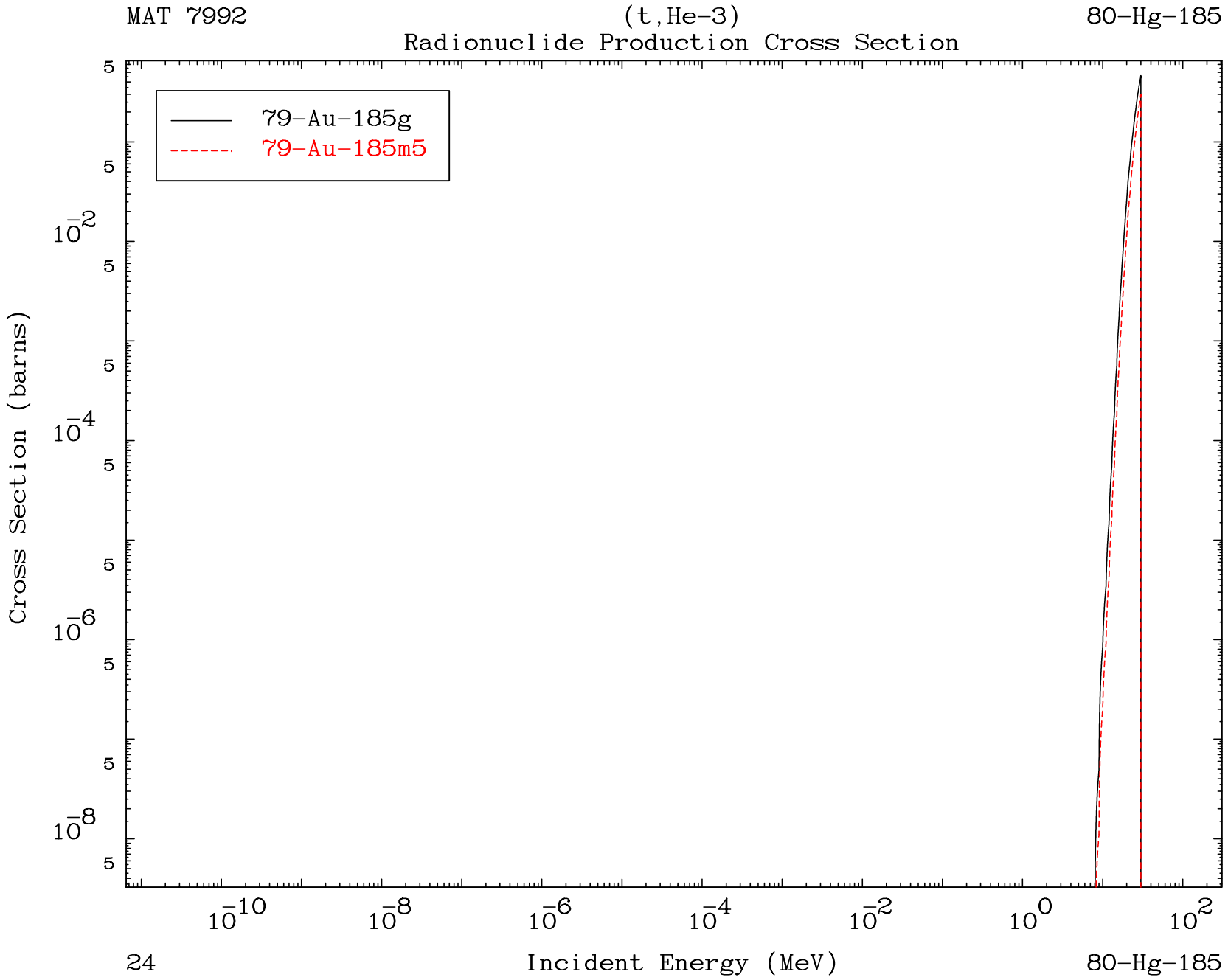

MAT 7992
(t,2n) p
80-Hg-185
Radionuclide Production Cross Section
80-Hg-185g
80-Hg-185m4
Cross Section (barns)
Incident Energy (MeV)
19
80-Hg-185

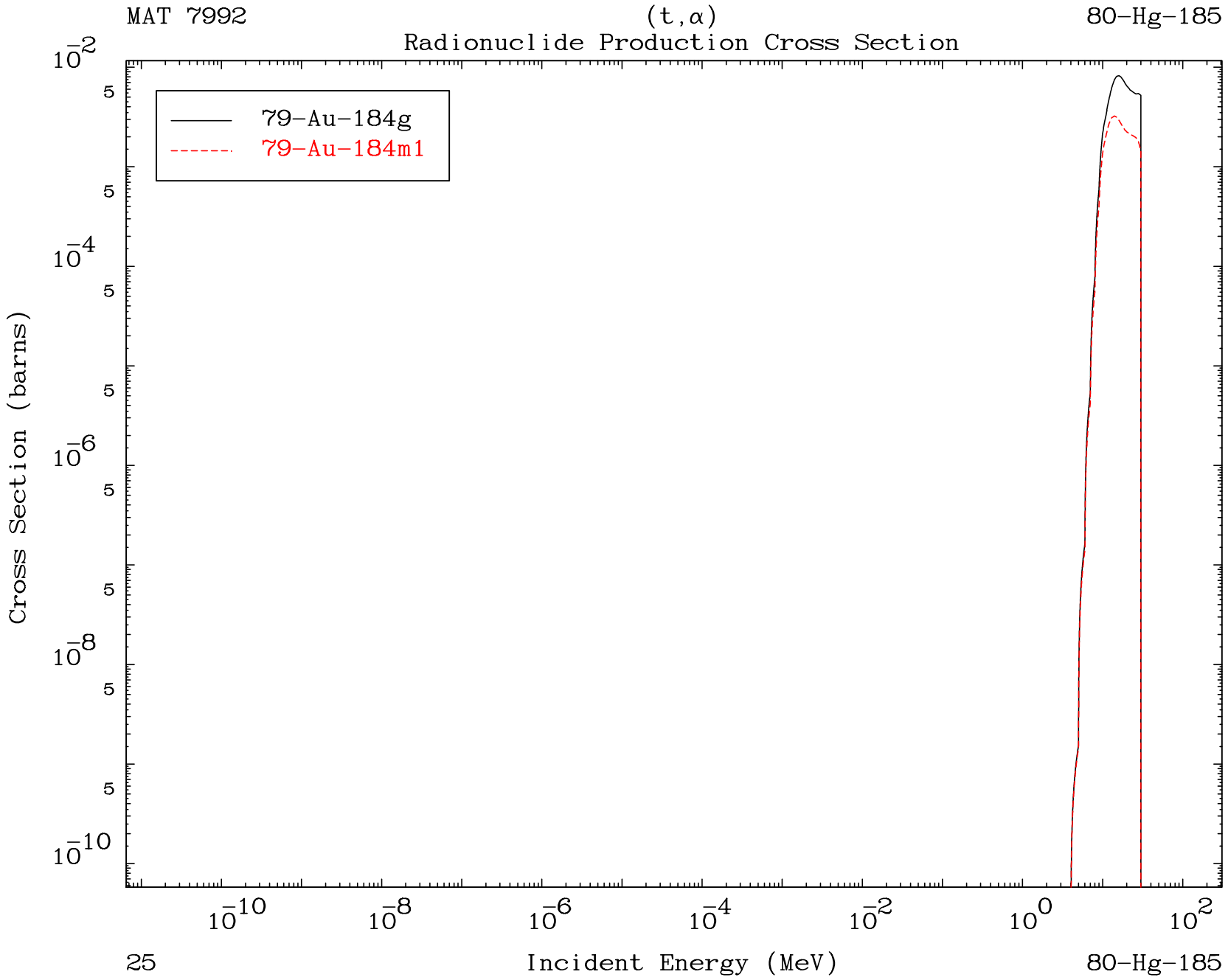

MAT 7992
(t,2n) p
80-Hg-185
Radionuclide Production Cross Section
79-Au-185g
79-Au-185m5
Cross Section (barns)
Incident Energy (MeV)
20
80-Hg-185

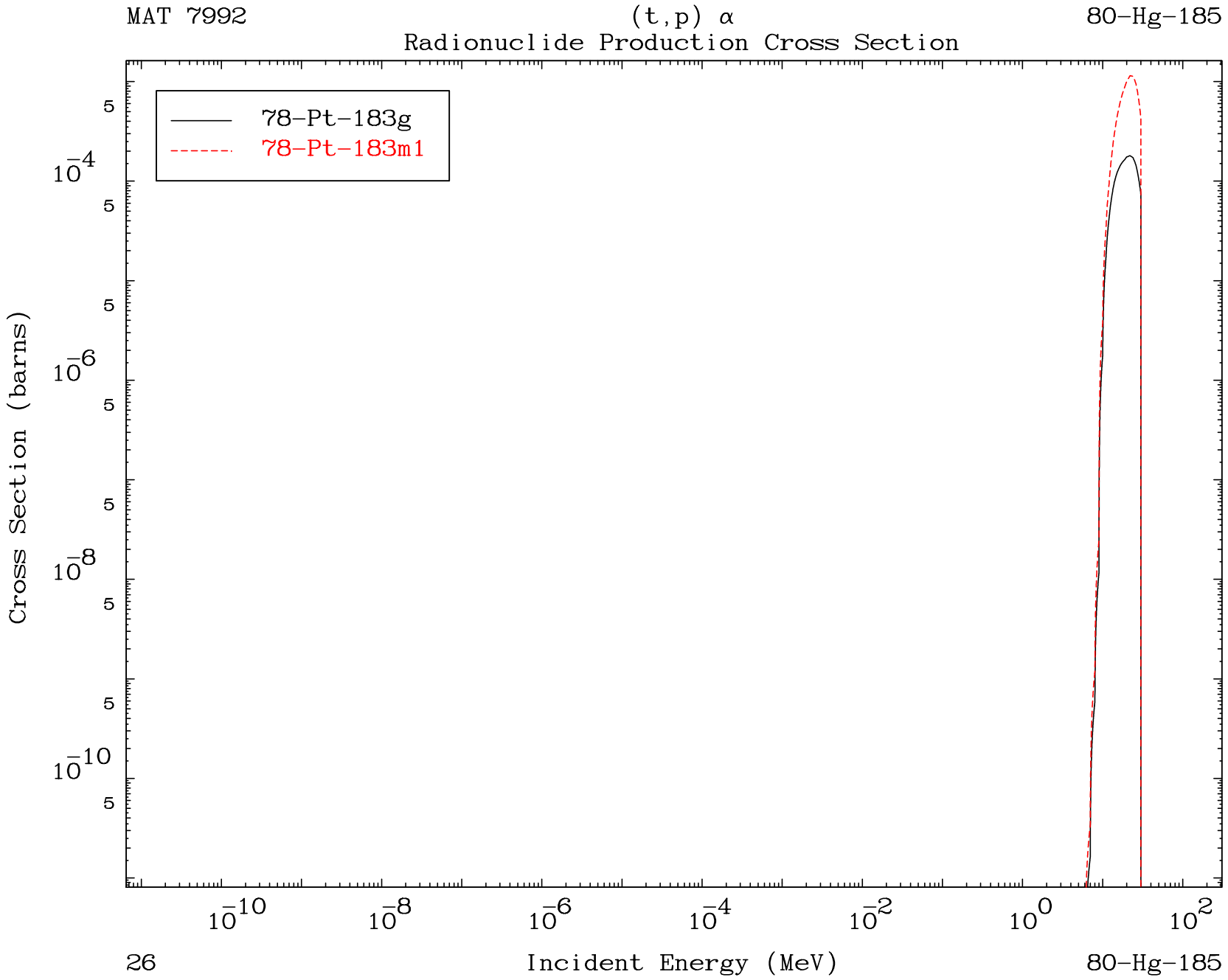

MAT 7992
(t,γ)
80-Hg-185
Radionuclide Production Cross Section
81-Tl-188g
81-Tl-188m1
Cross Section (barns)
Incident Energy (MeV)
21
80-Hg-185

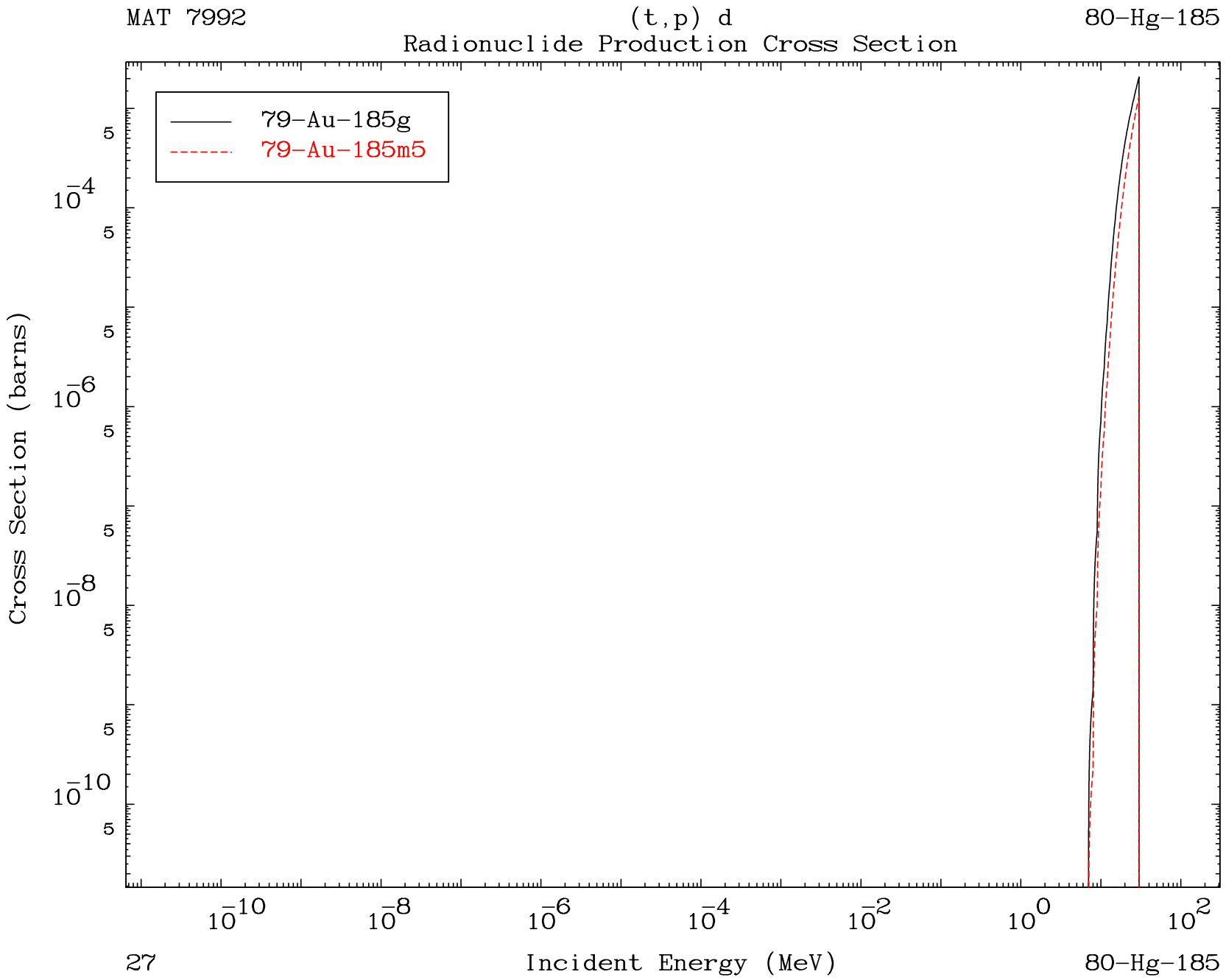

MAT 7992
(t,p)
80-Hg-185
Radionuclide Production Cross Section
80-Hg-187g
80-Hg-187m1
Cross Section (barns)
Incident Energy (MeV)
22
80-Hg-185

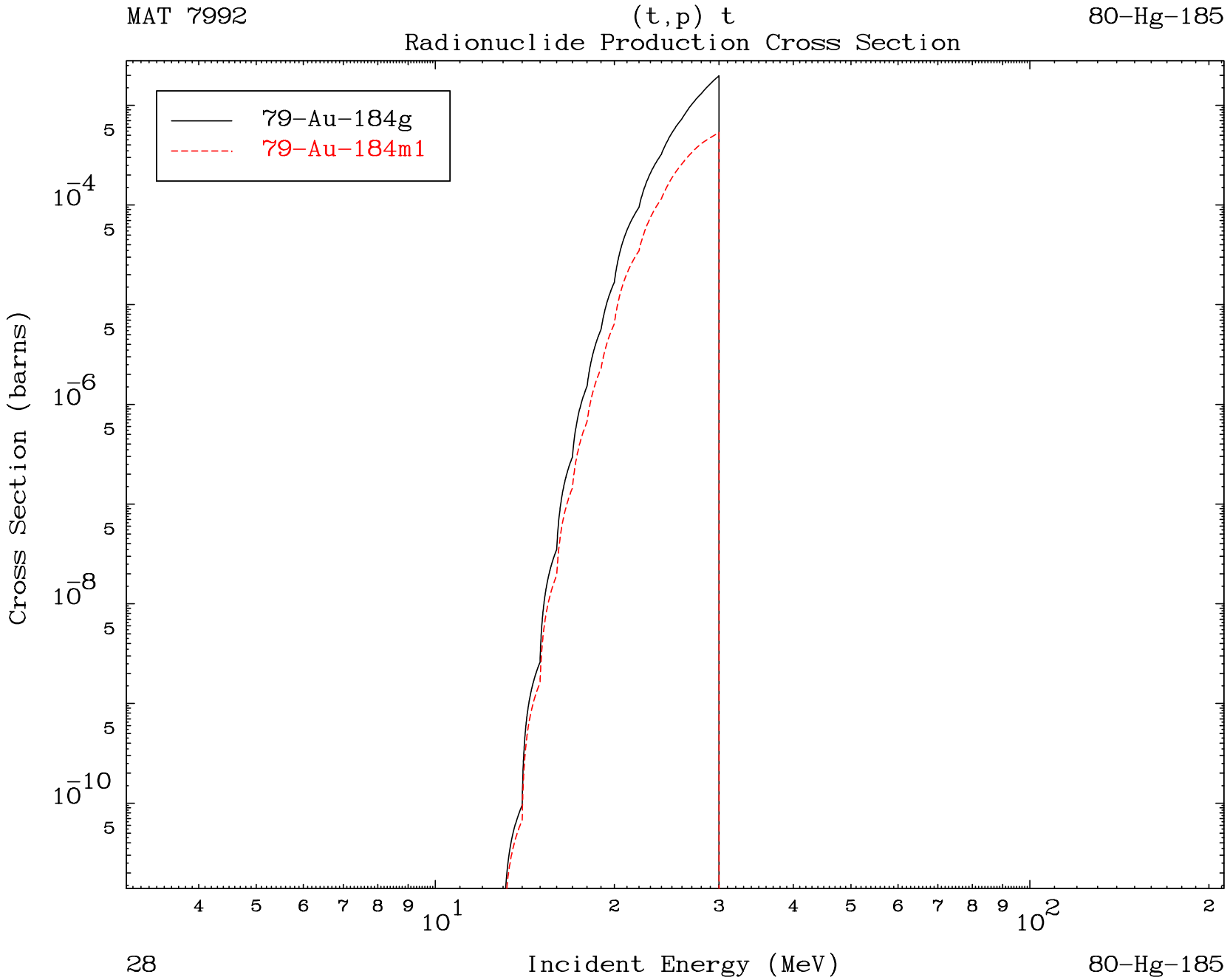

MAT 7992
(t,t)
80-Hg-185
Radionuclide Production Cross Section
80-Hg-185g
80-Hg-185m4
Cross Section (barns)
Incident Energy (MeV)
23
80-Hg-185


MAT 7992
(t,He-3)
80-Hg-185
Radionuclide Production Cross Section
79-Au-185g
79-Au-185m5
Cross Section (barns)
Incident Energy (MeV)
24
80-Hg-185


MAT 7992
(t,α)
80-Hg-185
Radionuclide Production Cross Section
79-Au-184g
79-Au-184m1
Cross Section (barns)
Incident Energy (MeV)
25
80-Hg-185


MAT 7992
(t,p) α
80-Hg-185
Radionuclide Production Cross Section
78-Pt-183g
78-Pt-183m1
Cross Section (barns)
Incident Energy (MeV)
26
80-Hg-185


MAT 7992
(t,p) d
80-Hg-185
Radionuclide Production Cross Section
79-Au-185g
79-Au-185m5
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
27
Incident Energy (MeV)
80-Hg-185


MAT 7992
(t,p) t
80-Hg-185
Radionuclide Production Cross Section
79-Au-184g
79-Au-184m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
28
80-Hg-185