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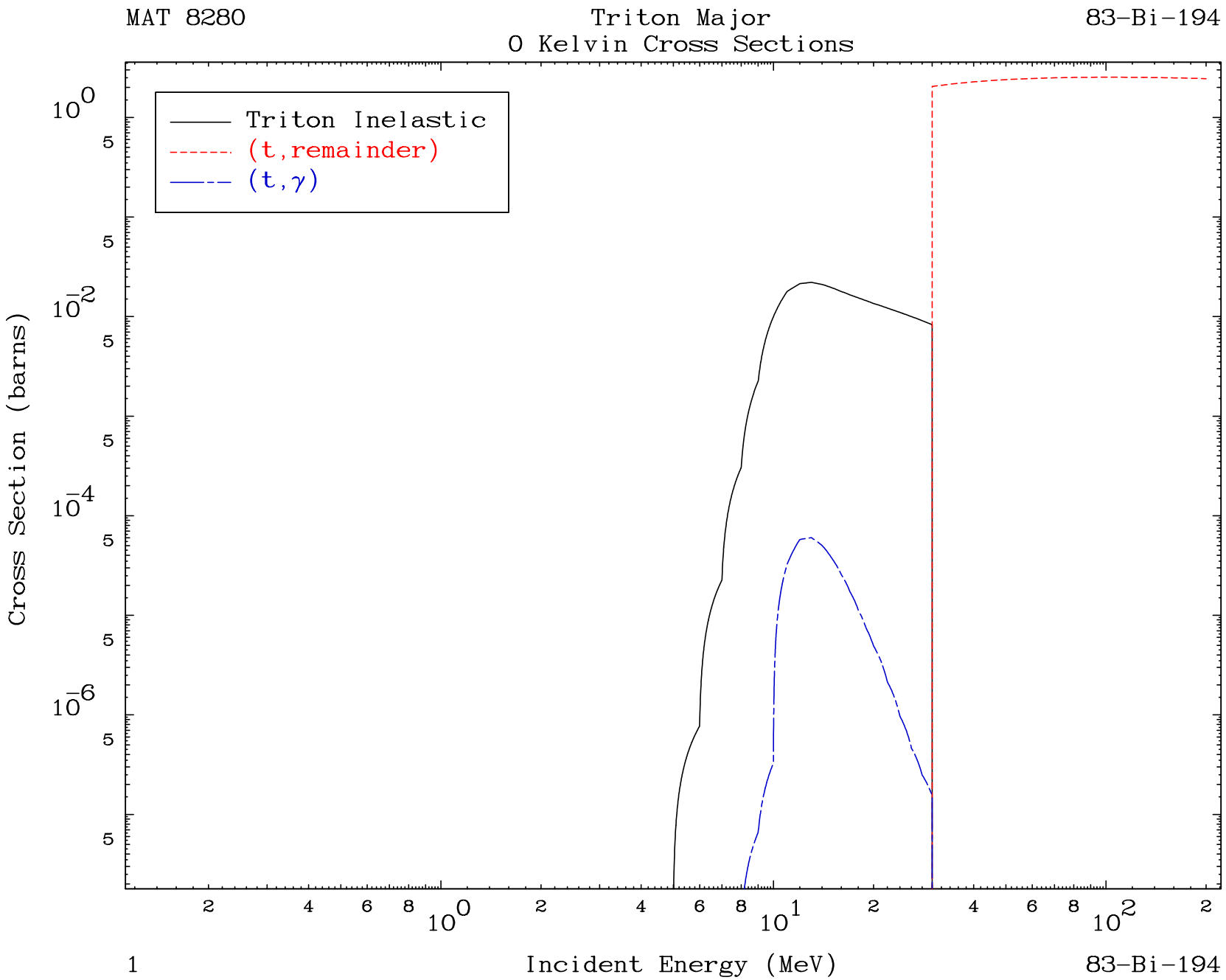
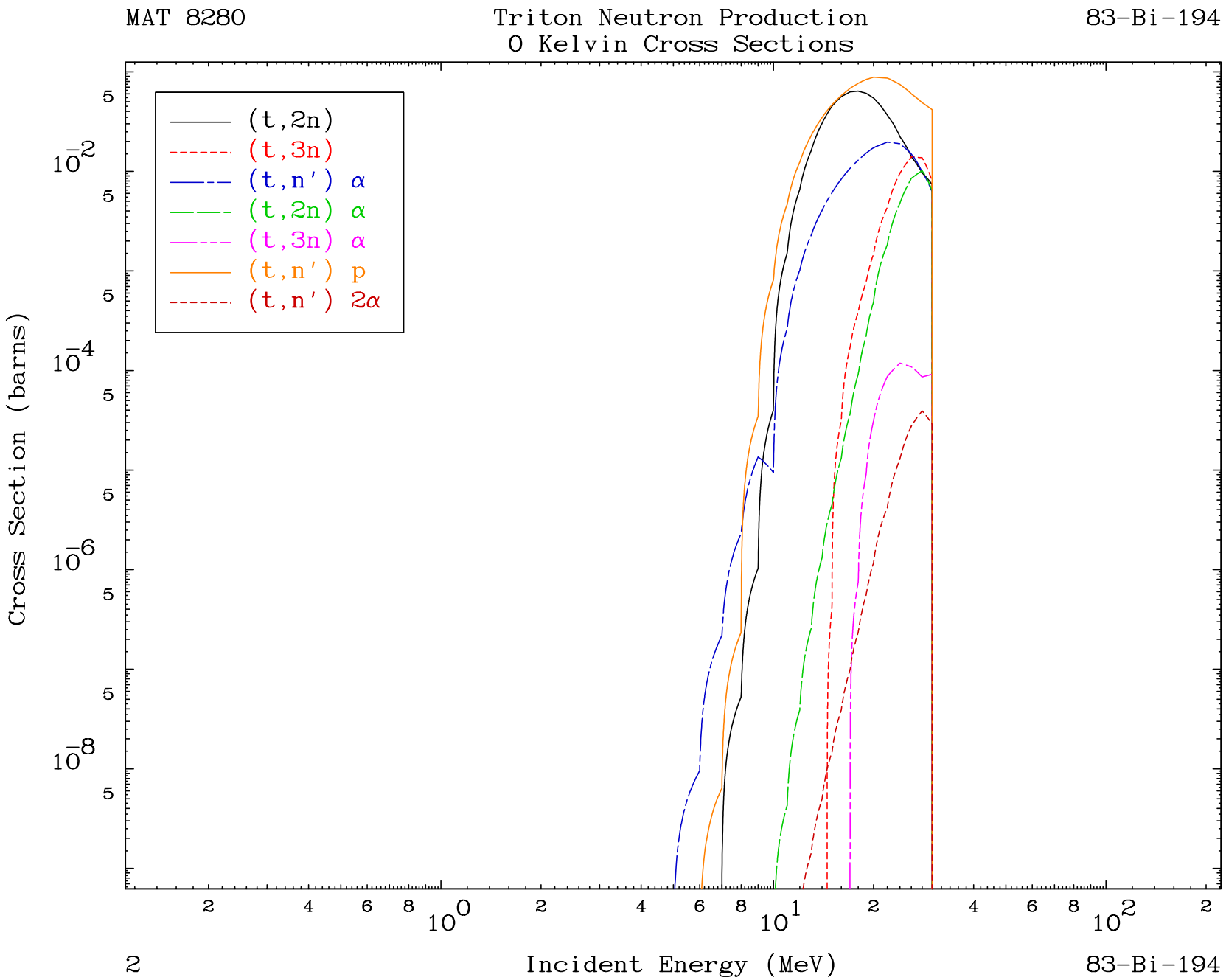
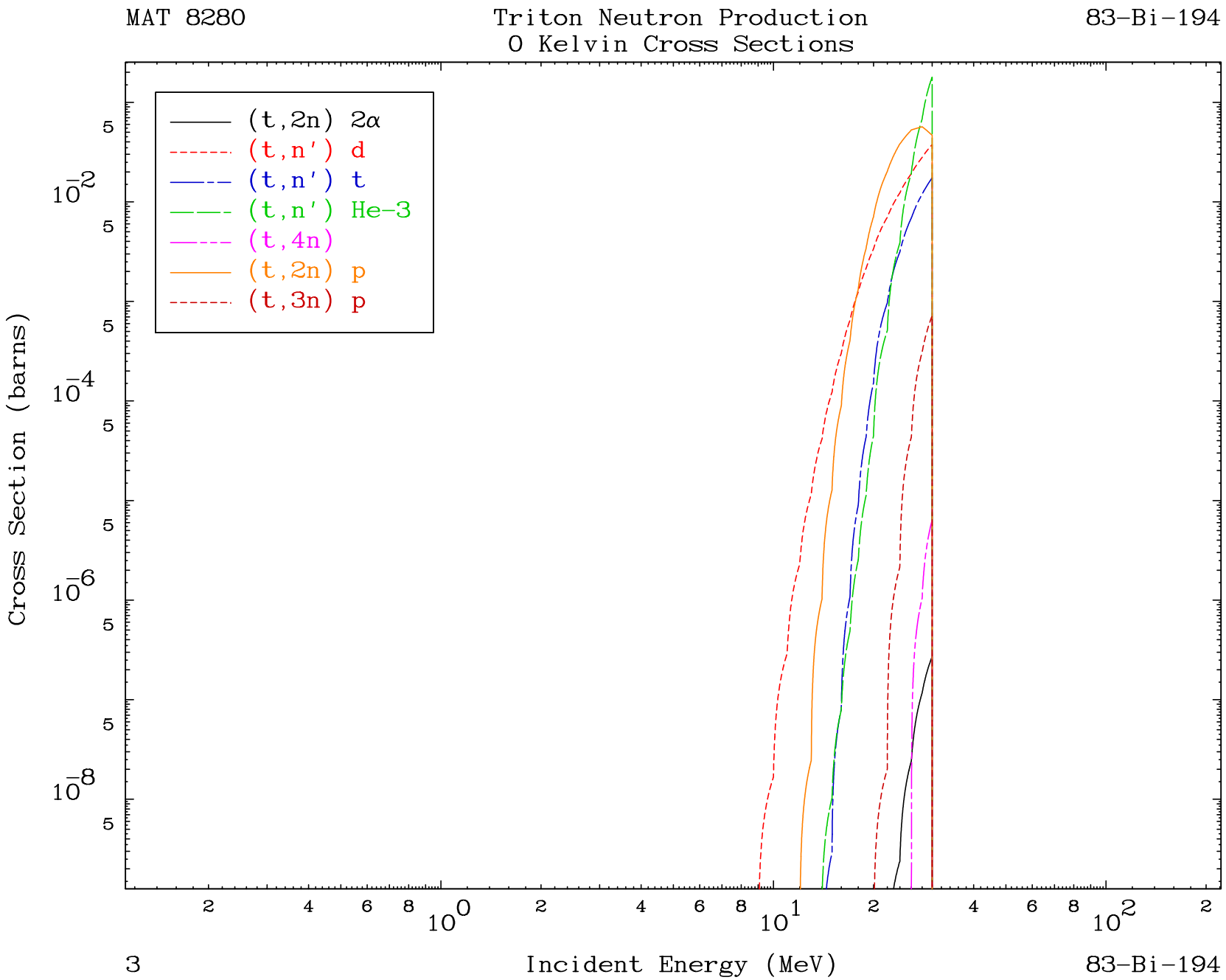
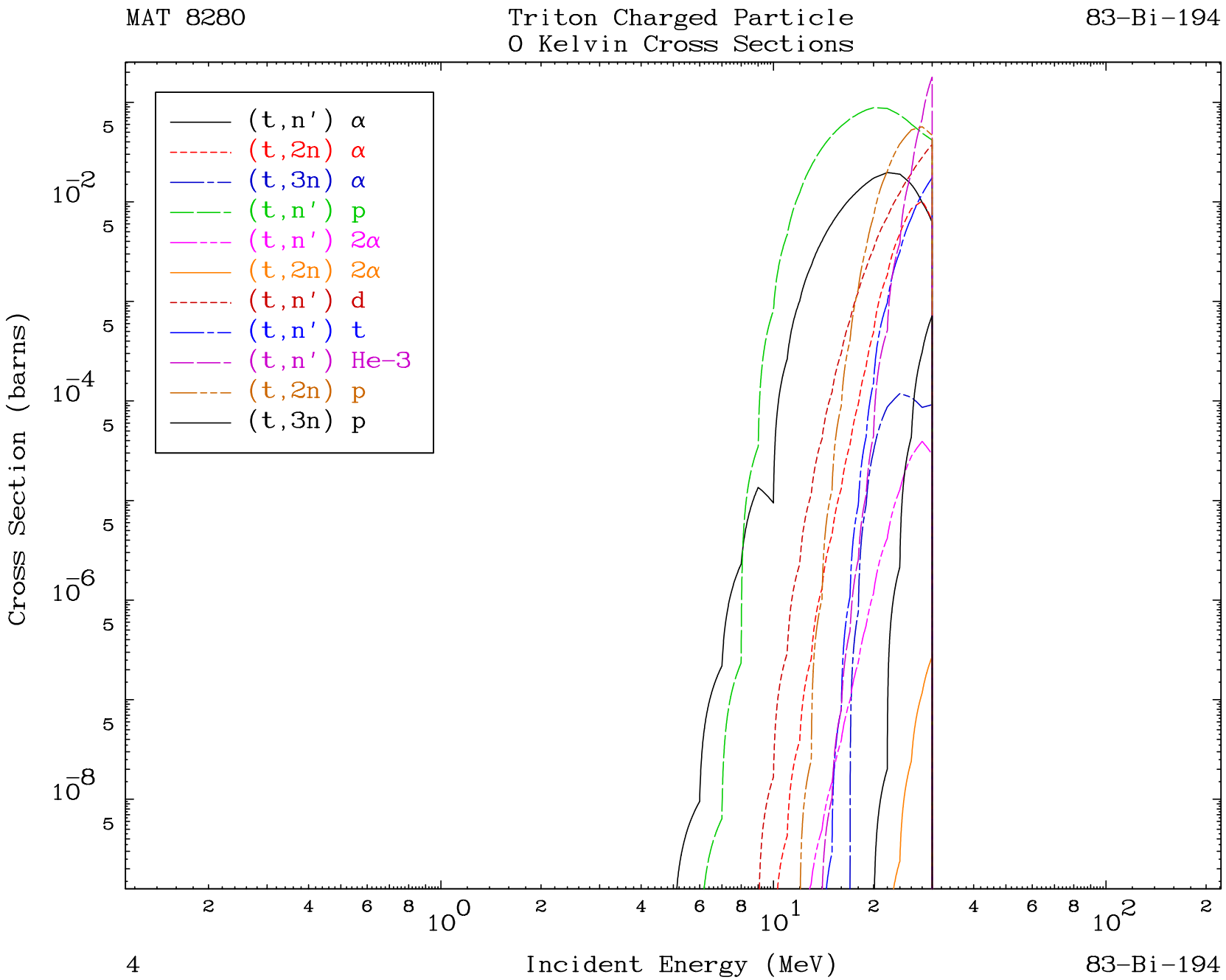
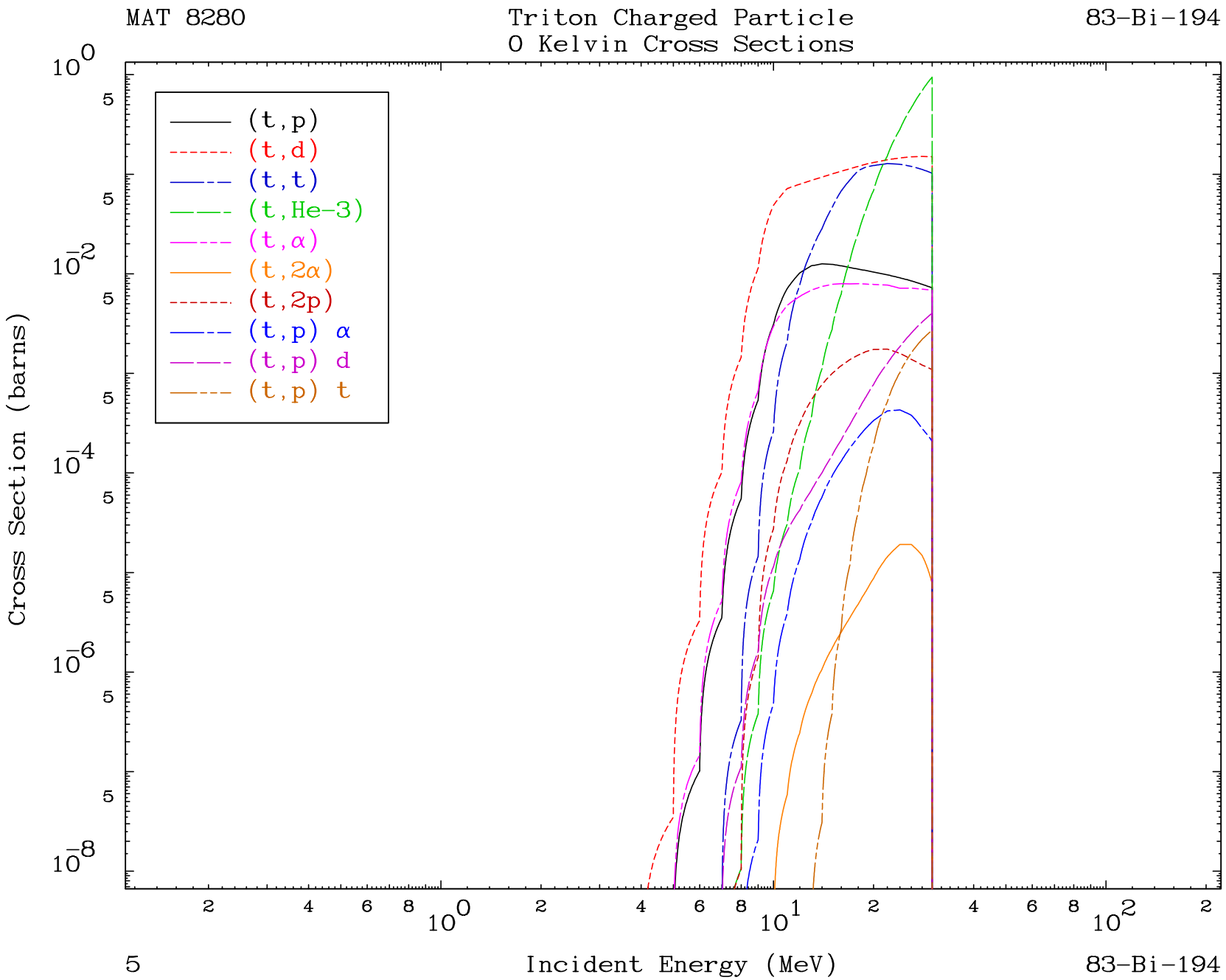
Press Mouse Button to Start

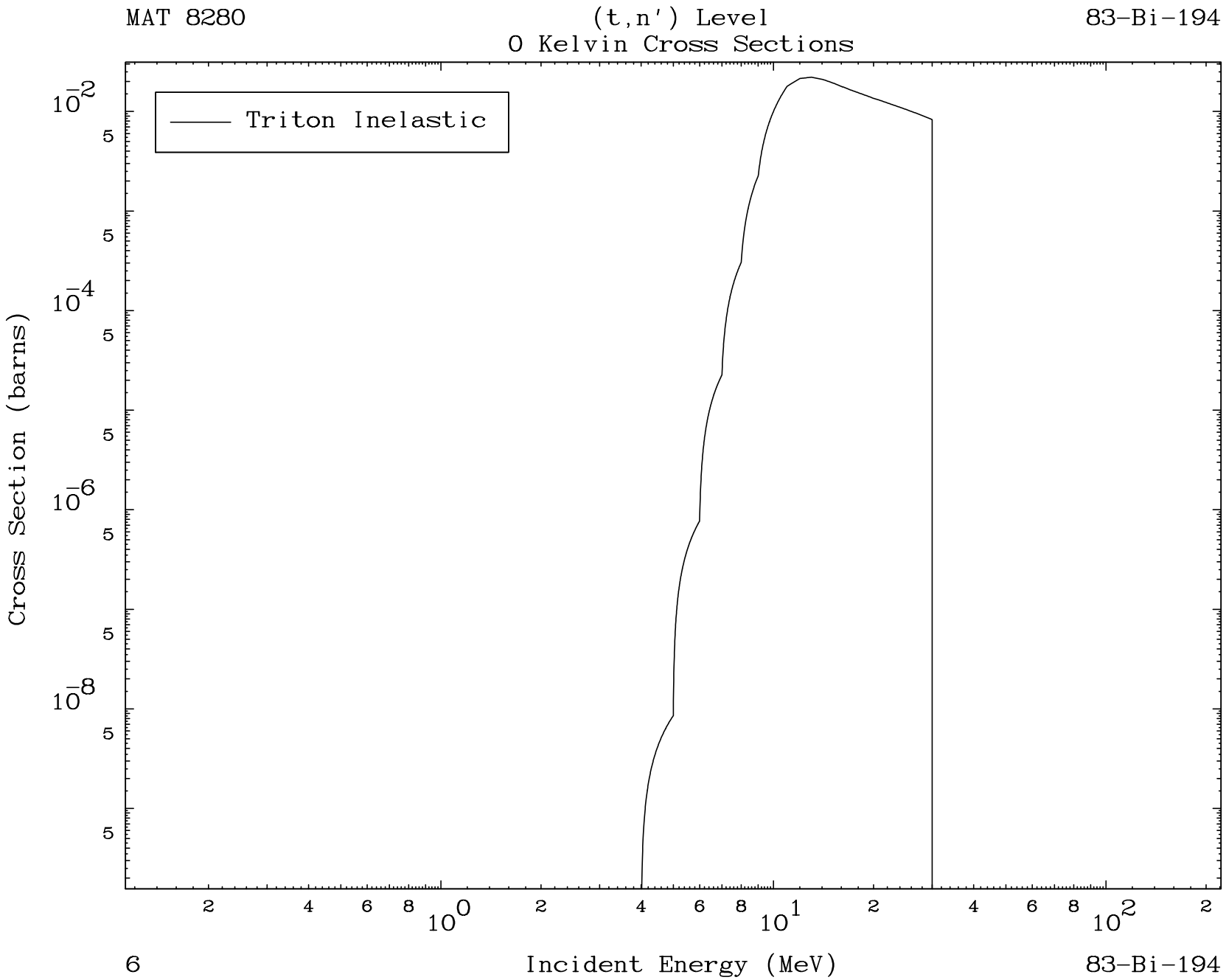

MAT 8280
Triton Major
83-Bi-194
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
83-Bi-194
1

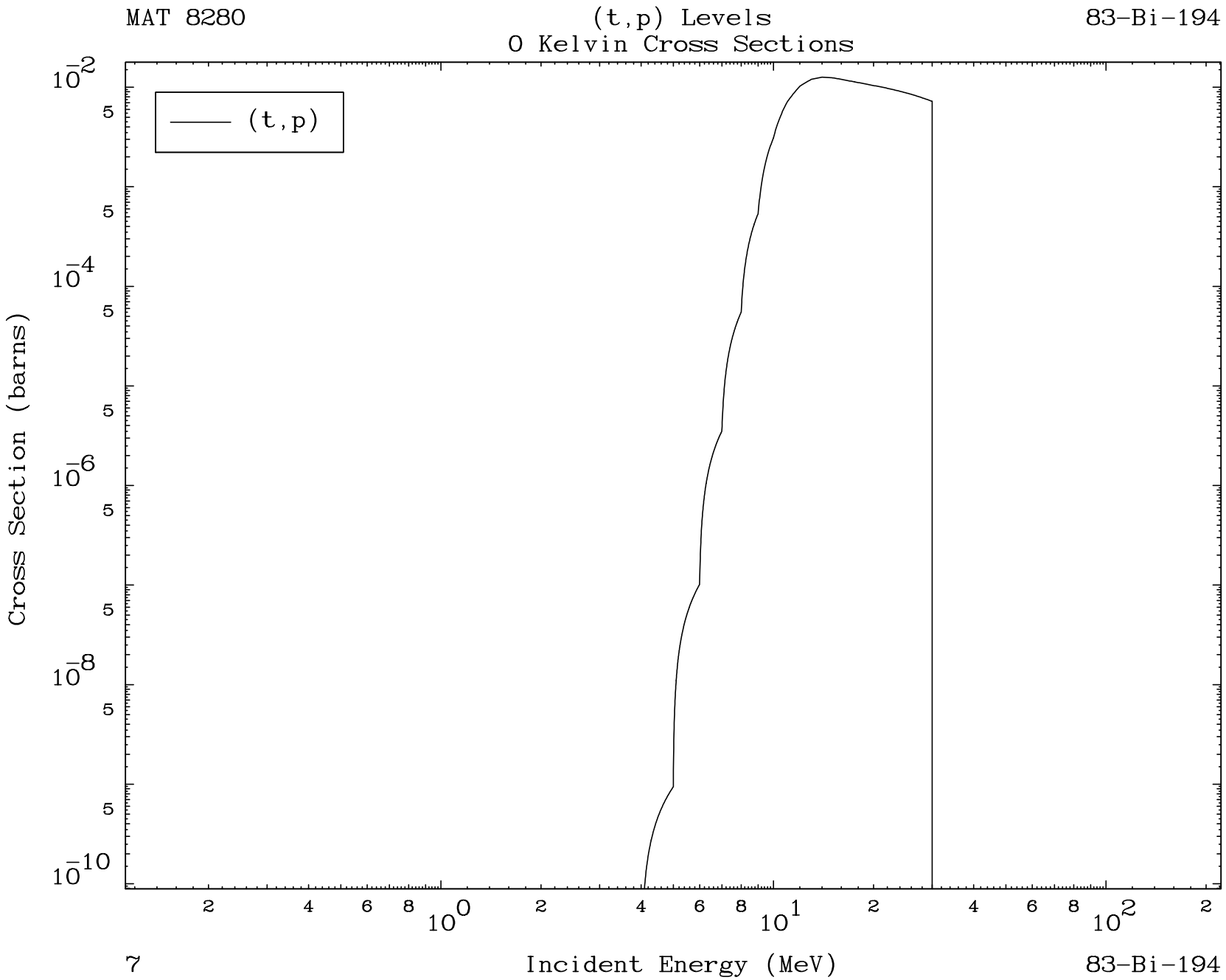

MAT 8280
Triton Neutron Production
0 Kelvin Cross Sections
83-Bi-194
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
83-Bi-194

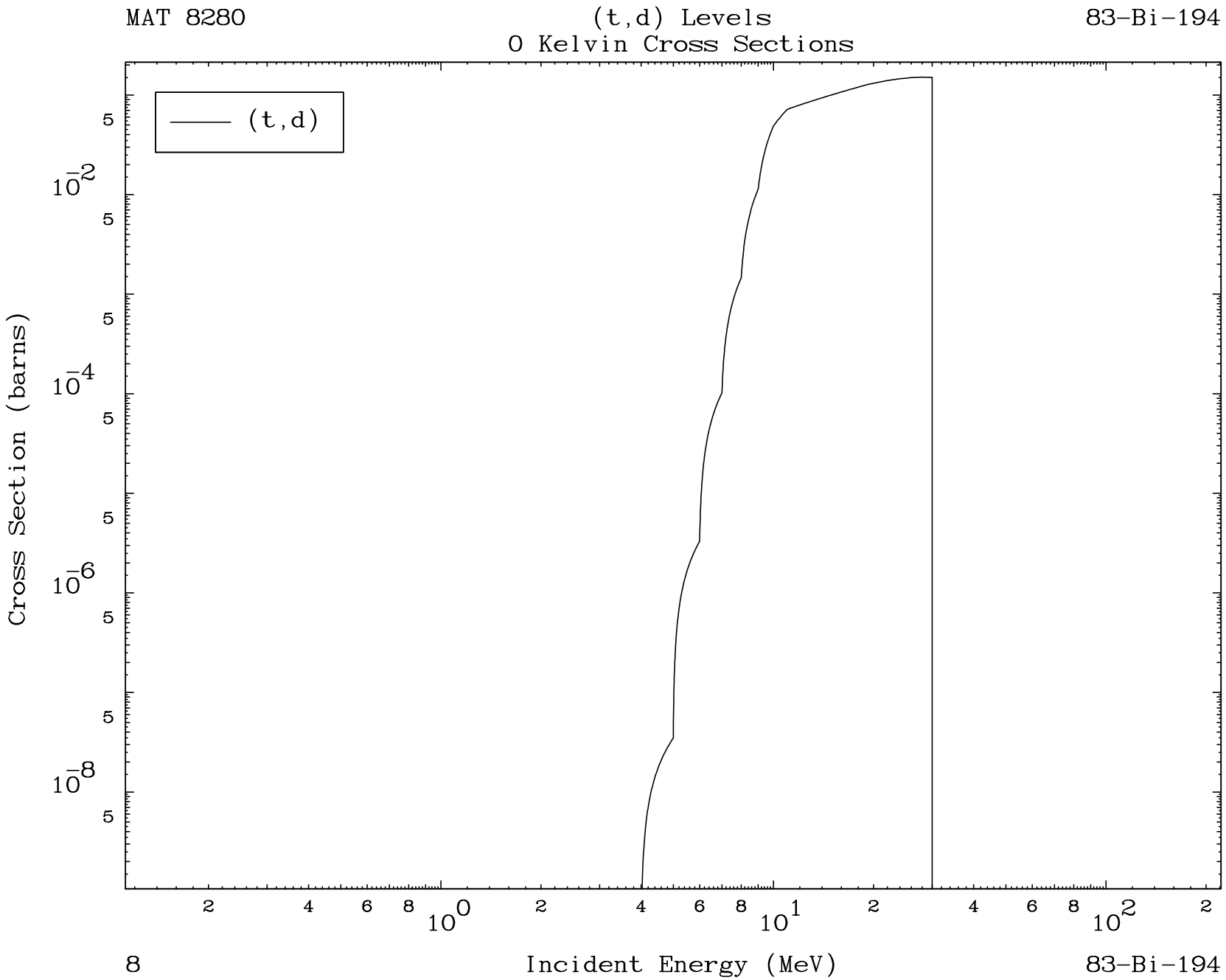

MAT 8280
Triton Neutron Production
0 Kelvin Cross Sections
83-Bi-194
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
83-Bi-194

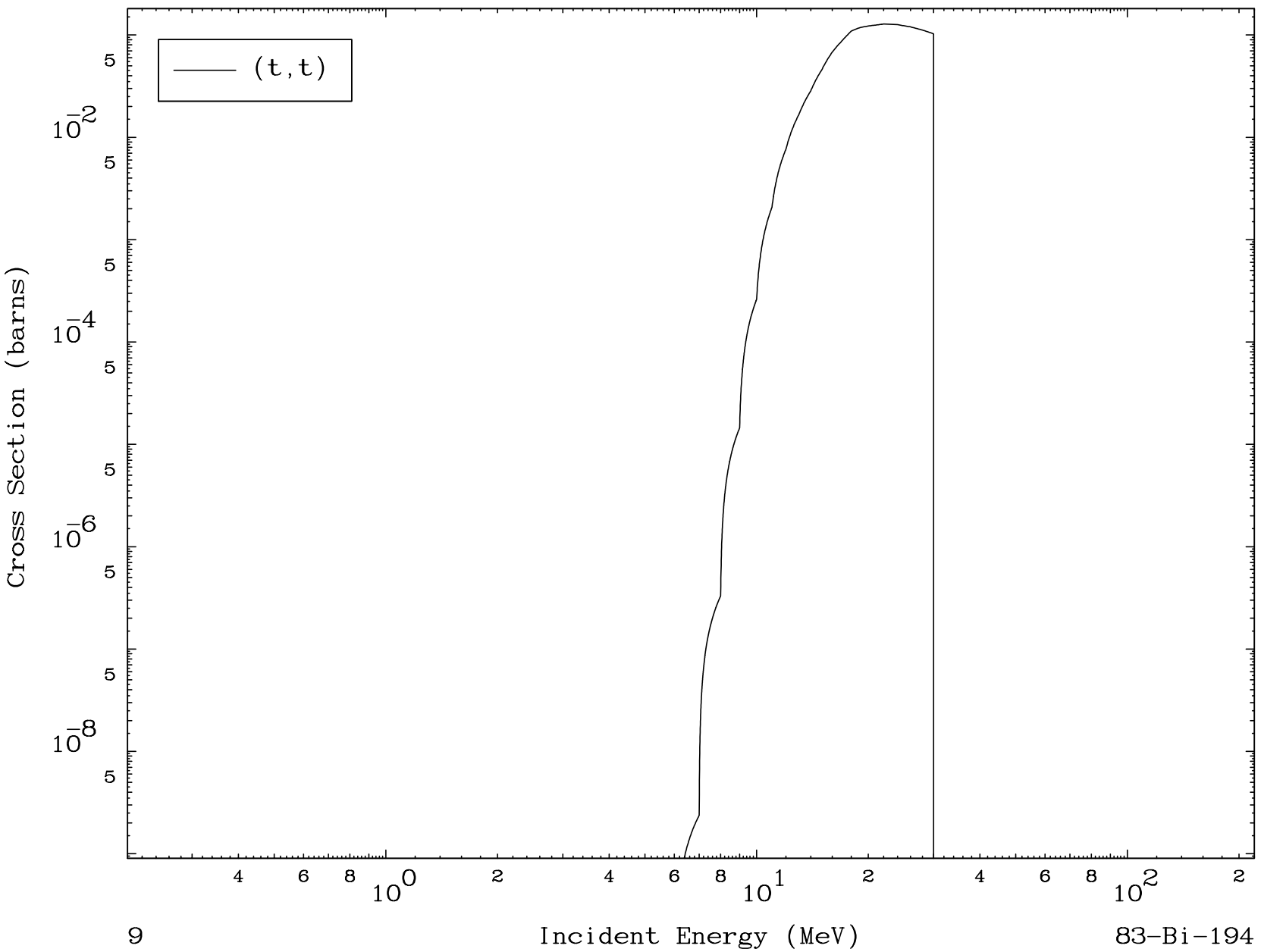

MAT 8280
Triton Charged Particle
0 Kelvin Cross Sections
83-Bi-194
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
83-Bi-194

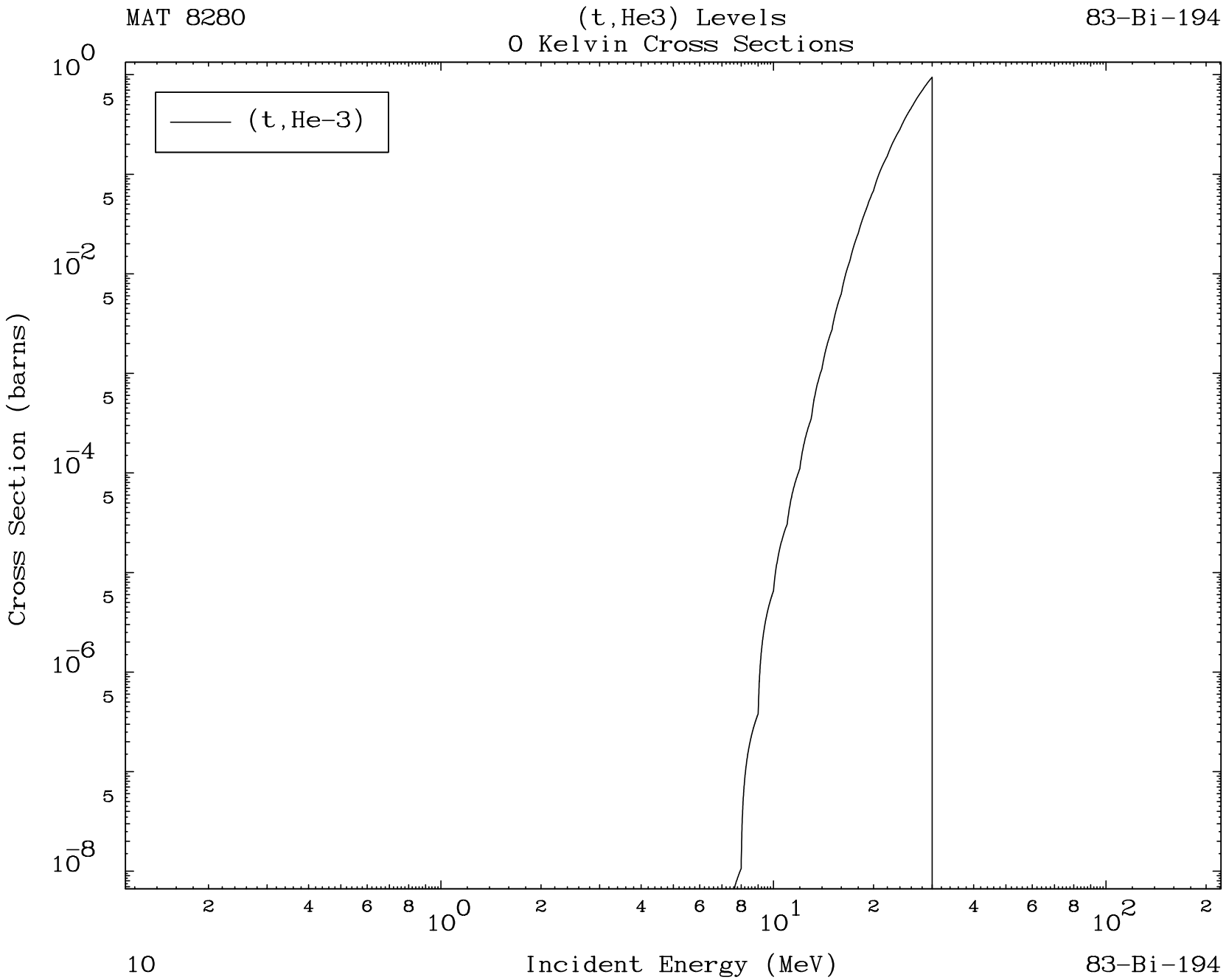

MAT 8280
Triton Charged Particle
0 Kelvin Cross Sections
83-Bi-194
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2α)
(t,2p)
(t,p) α
(t,p) d
(t,p) t
Cross Section (barns)
Incident Energy (MeV)
5
83-Bi-194

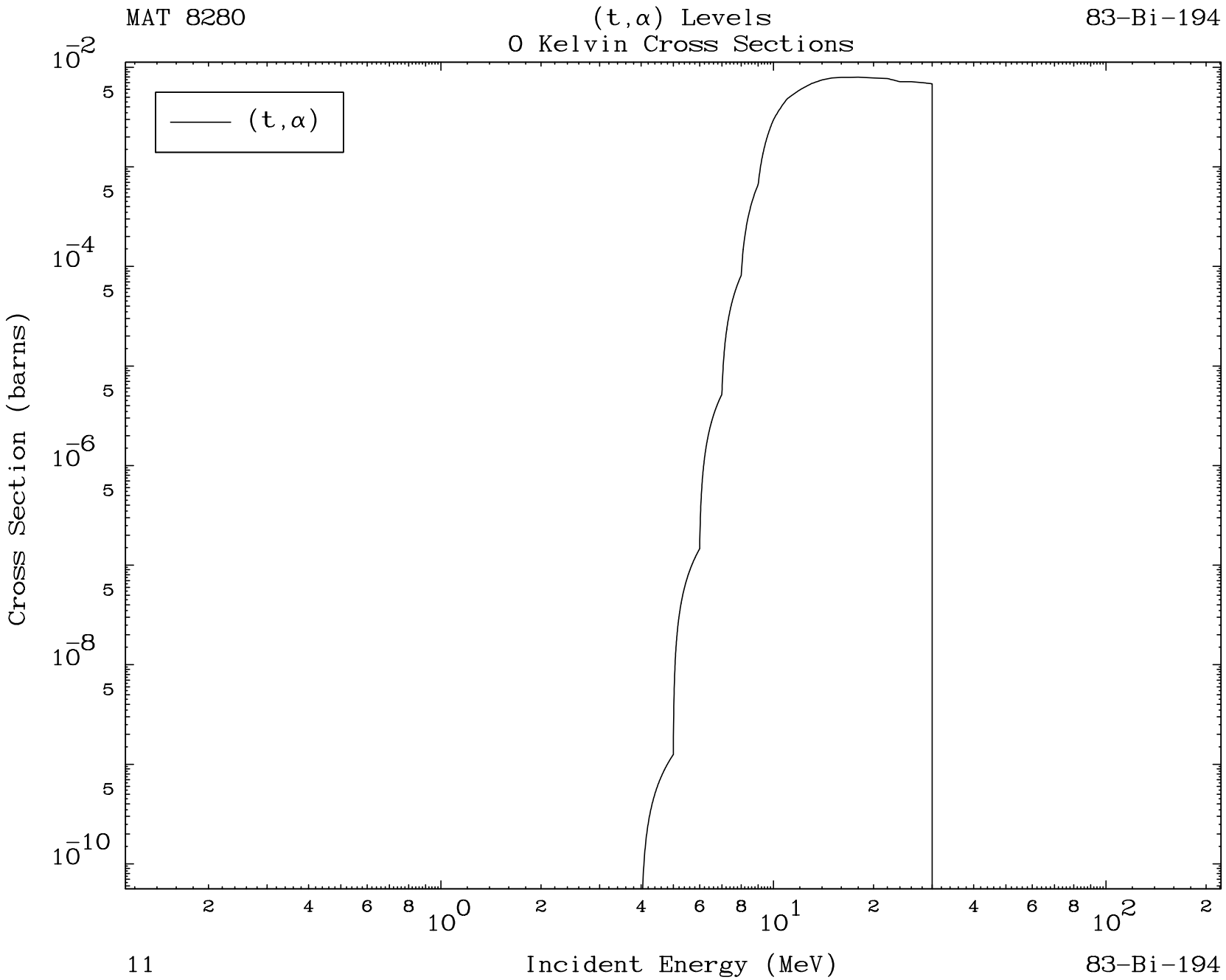

MAT 8280
(t,n') Level
83-Bi-194
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
6
83-Bi-194

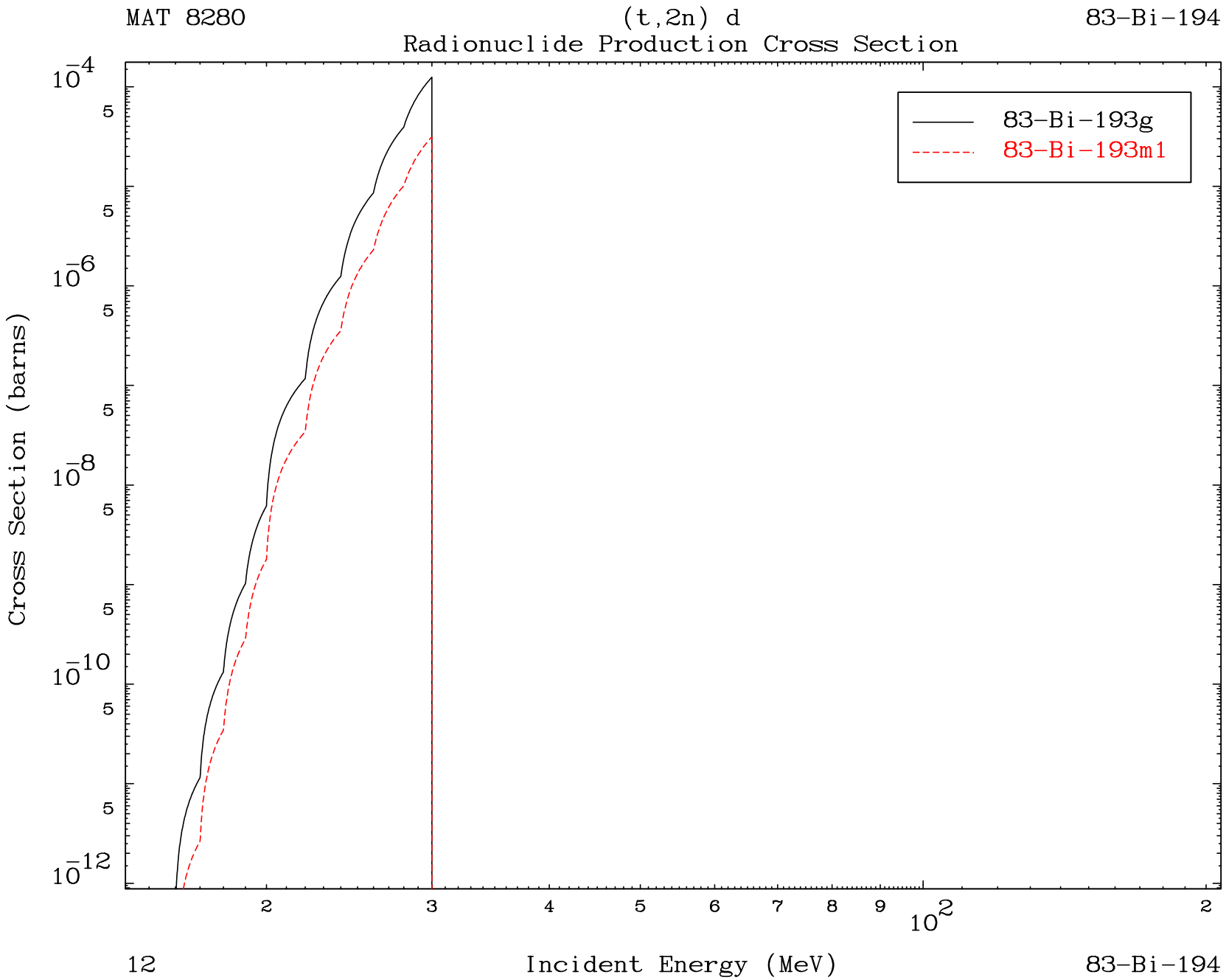

MAT 8280
(t,p) Levels
83-Bi-194
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
7
83-Bi-194

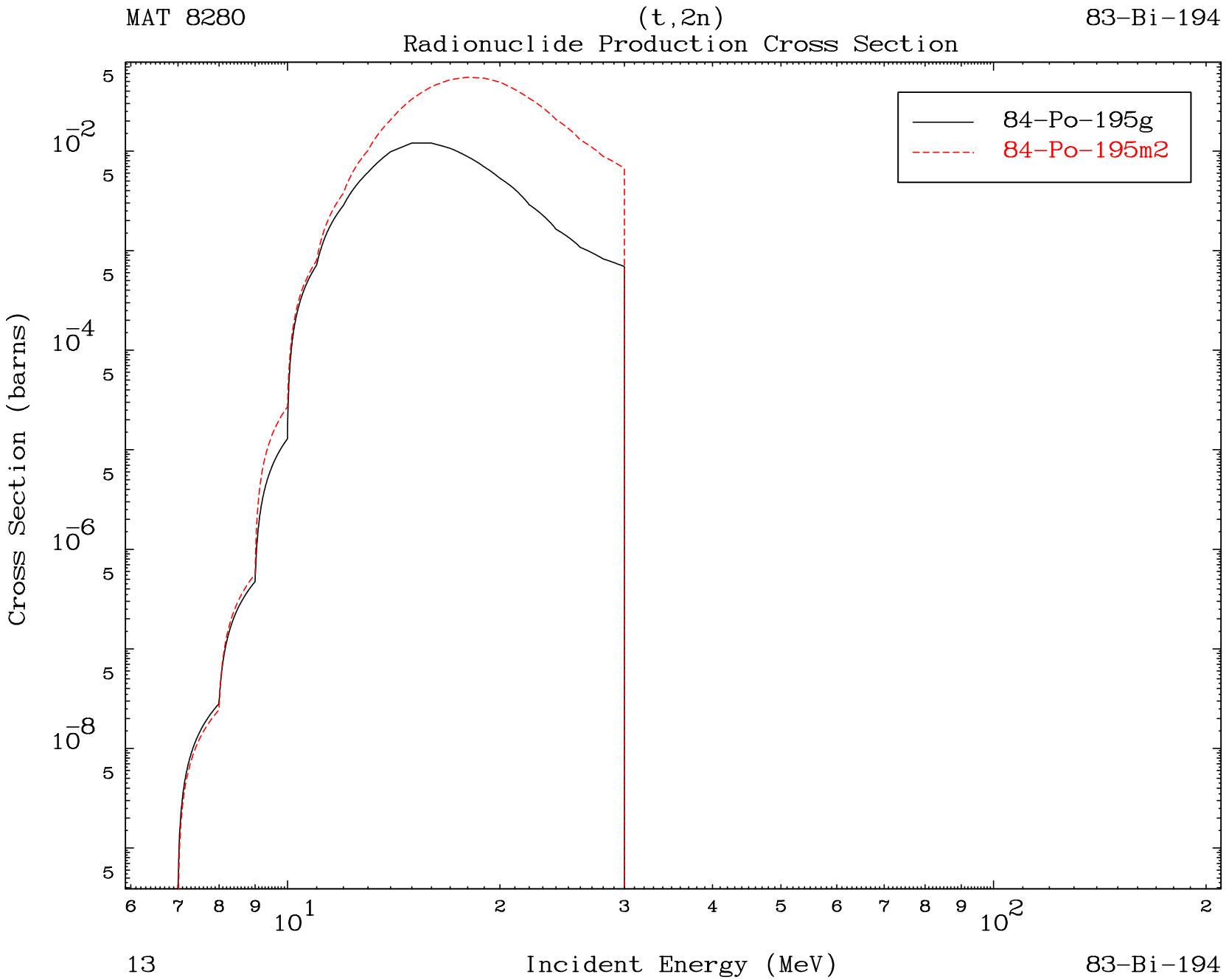

MAT 8280
(t,d) Levels
83-Bi-194
0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
8
83-Bi-194

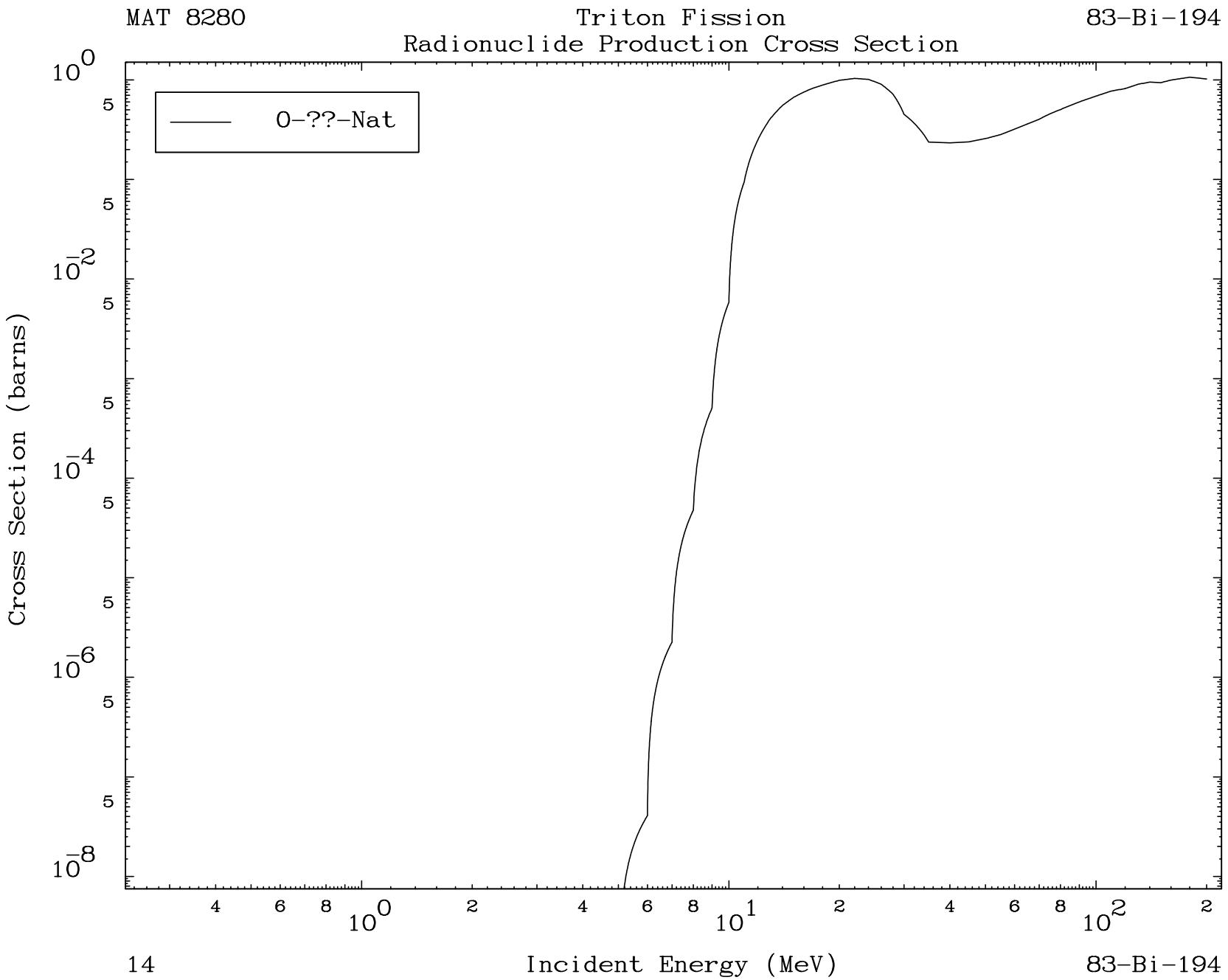

0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4 6 8 100 2 4 6 8 101 2 4 6 8 102 2
Incident Energy (MeV)


MAT 8280
(t,He3) Levels
0 Kelvin Cross Sections
83-Bi-194
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
83-Bi-194


MAT 8280
(t,α) Levels
83-Bi-194
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
Incident Energy (MeV)
11
83-Bi-194


MAT 8280
(t,2n) d
83-Bi-194
Radionuclide Production Cross Section
83-Bi-193g
83-Bi-193m1
Cross Section (barns)
10-4
10-6
10-8
10-10
10-12
5
2
3
4
6
7
8
9
10 2
Incident Energy (MeV)
12
83-Bi-194


MAT 8280
(t,2n)
83-Bi-194
Radionuclide Production Cross Section
84-Po-195g
84-Po-195m2
Cross Section (barns)
Incident Energy (MeV)
13
83-Bi-194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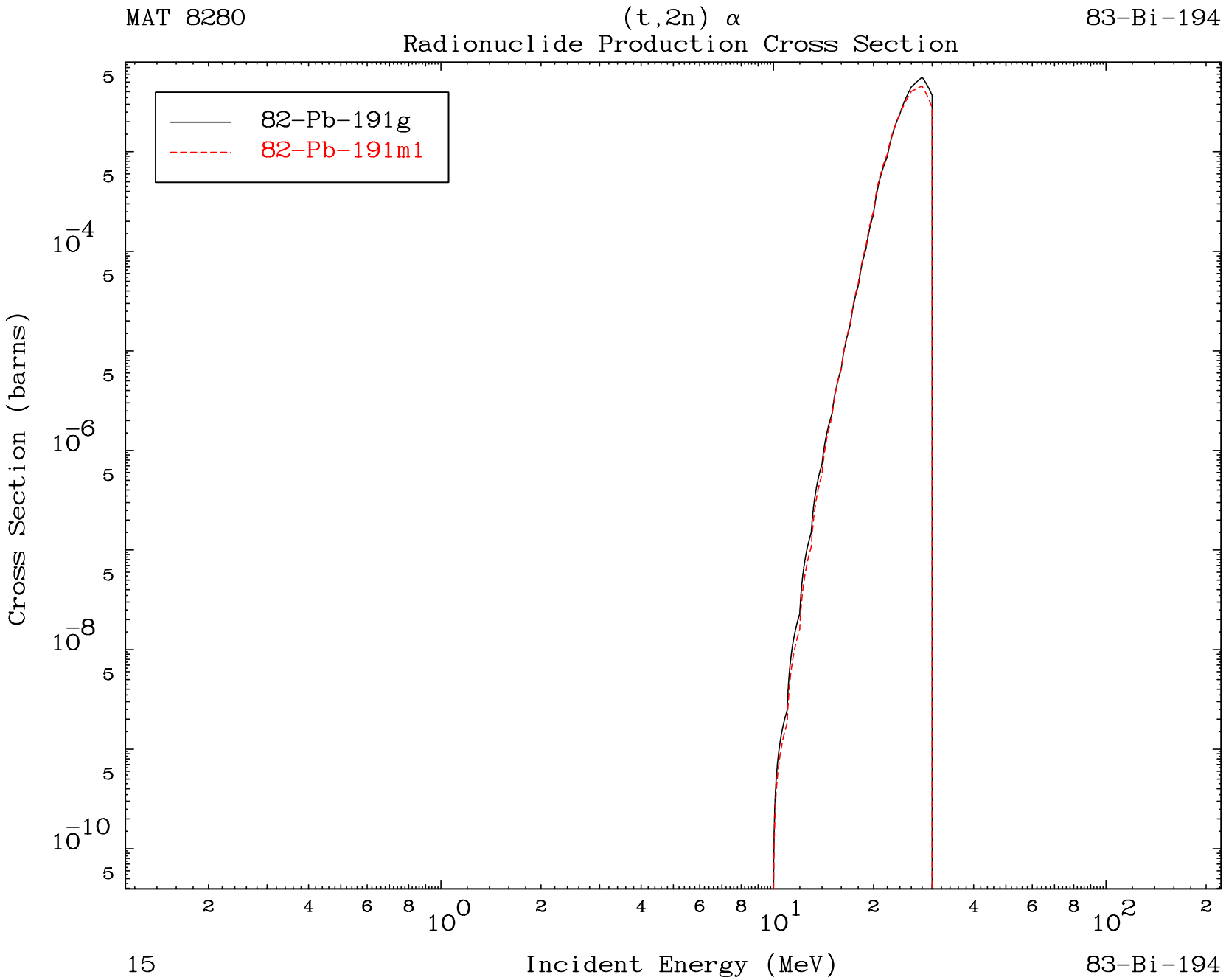
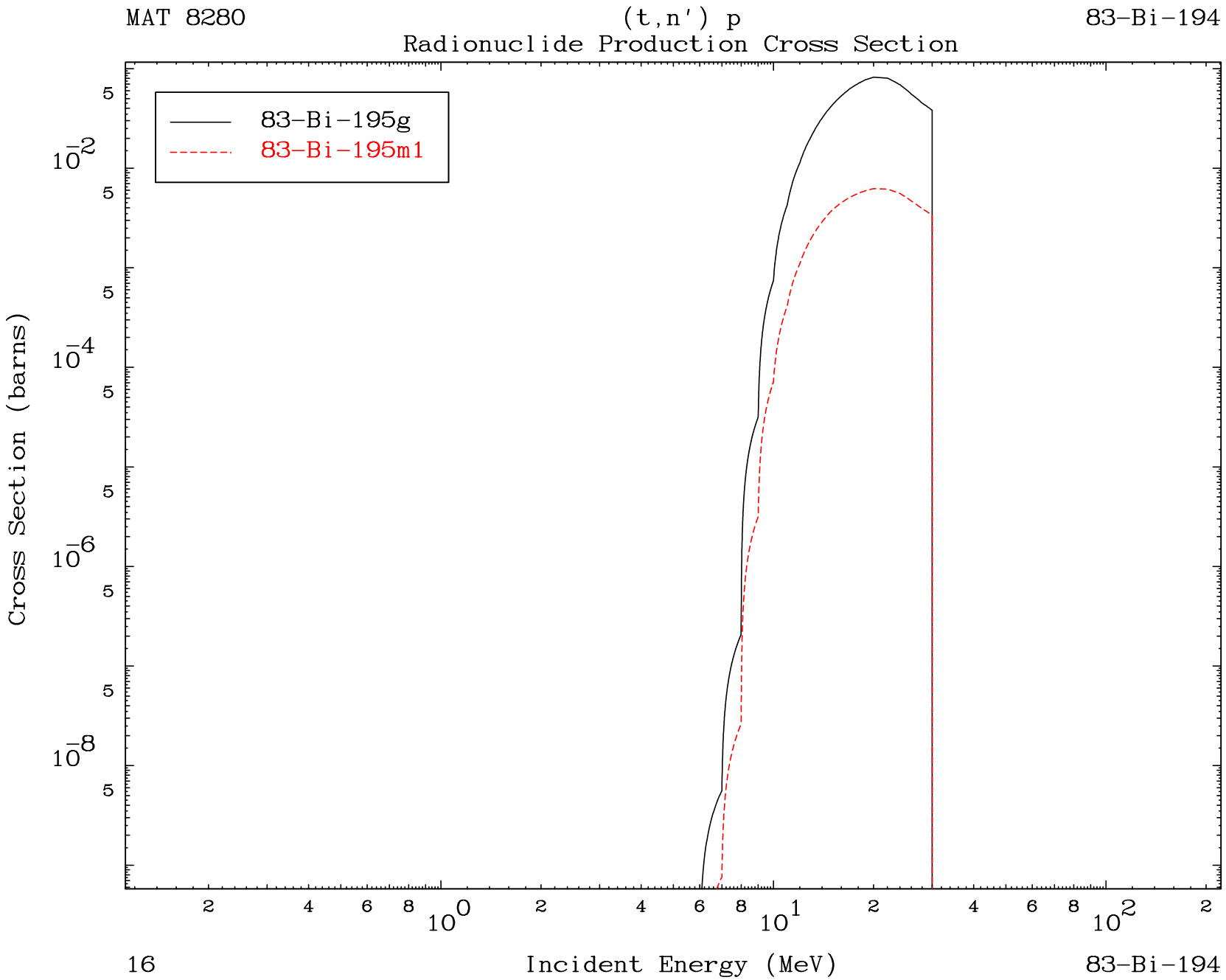
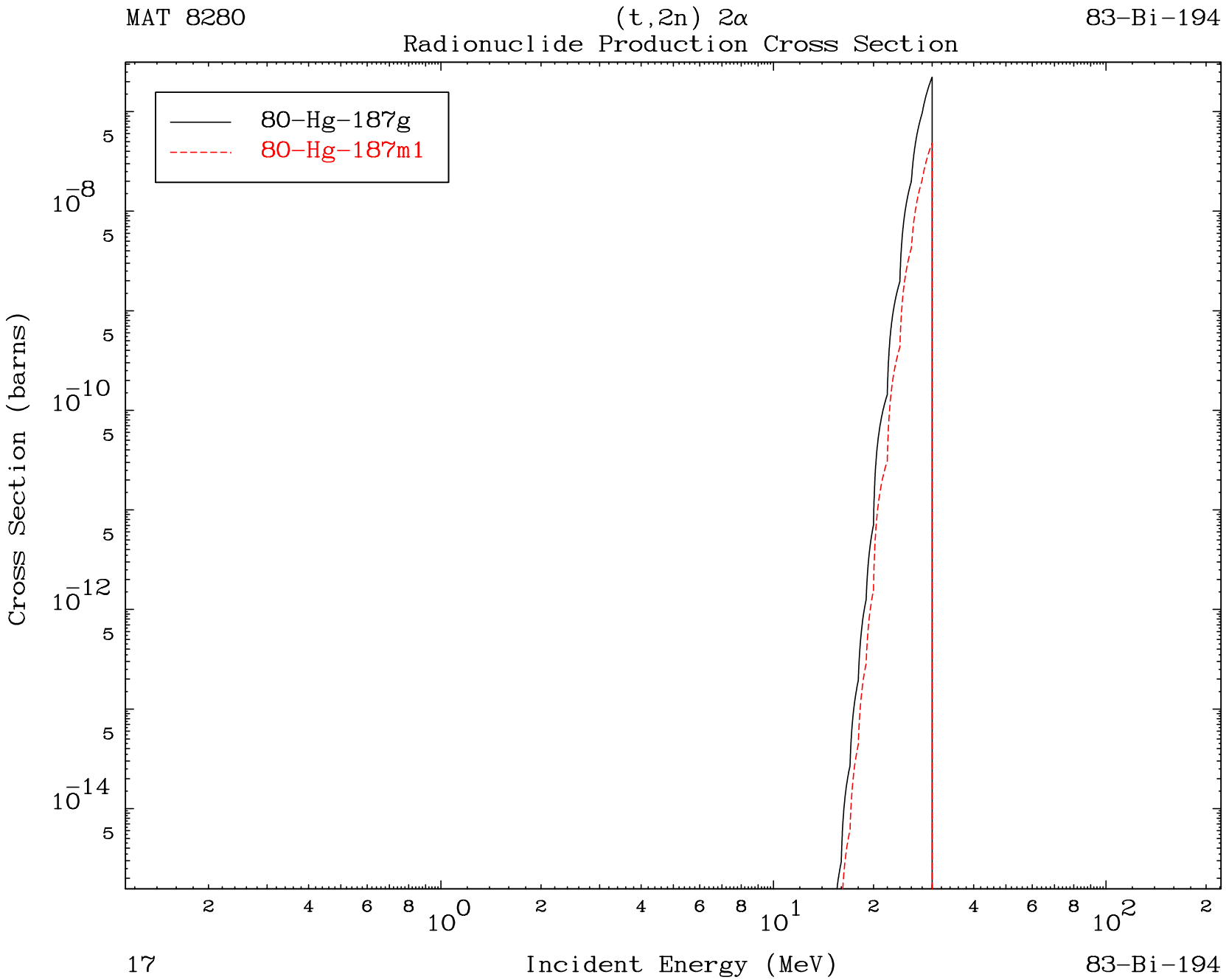
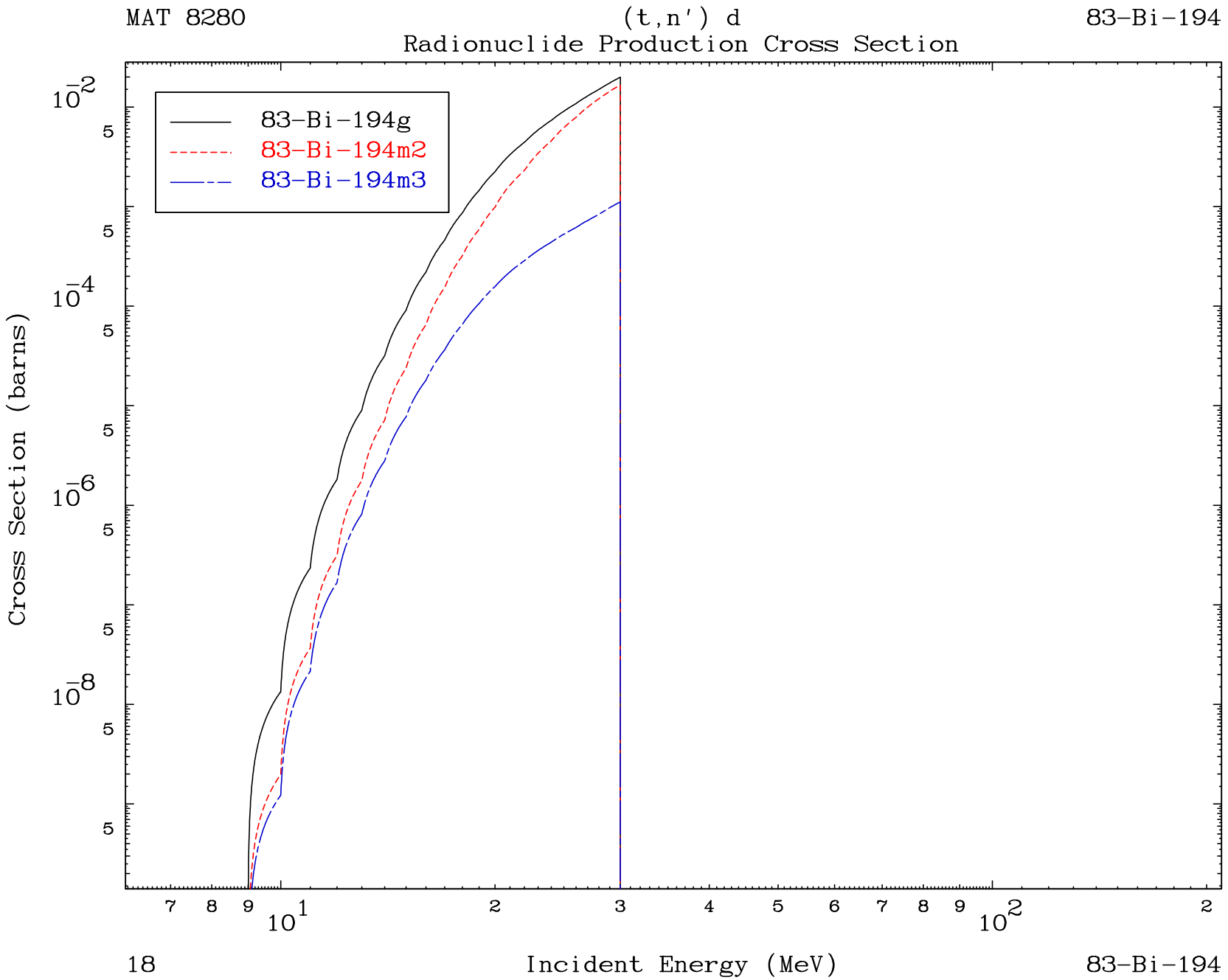
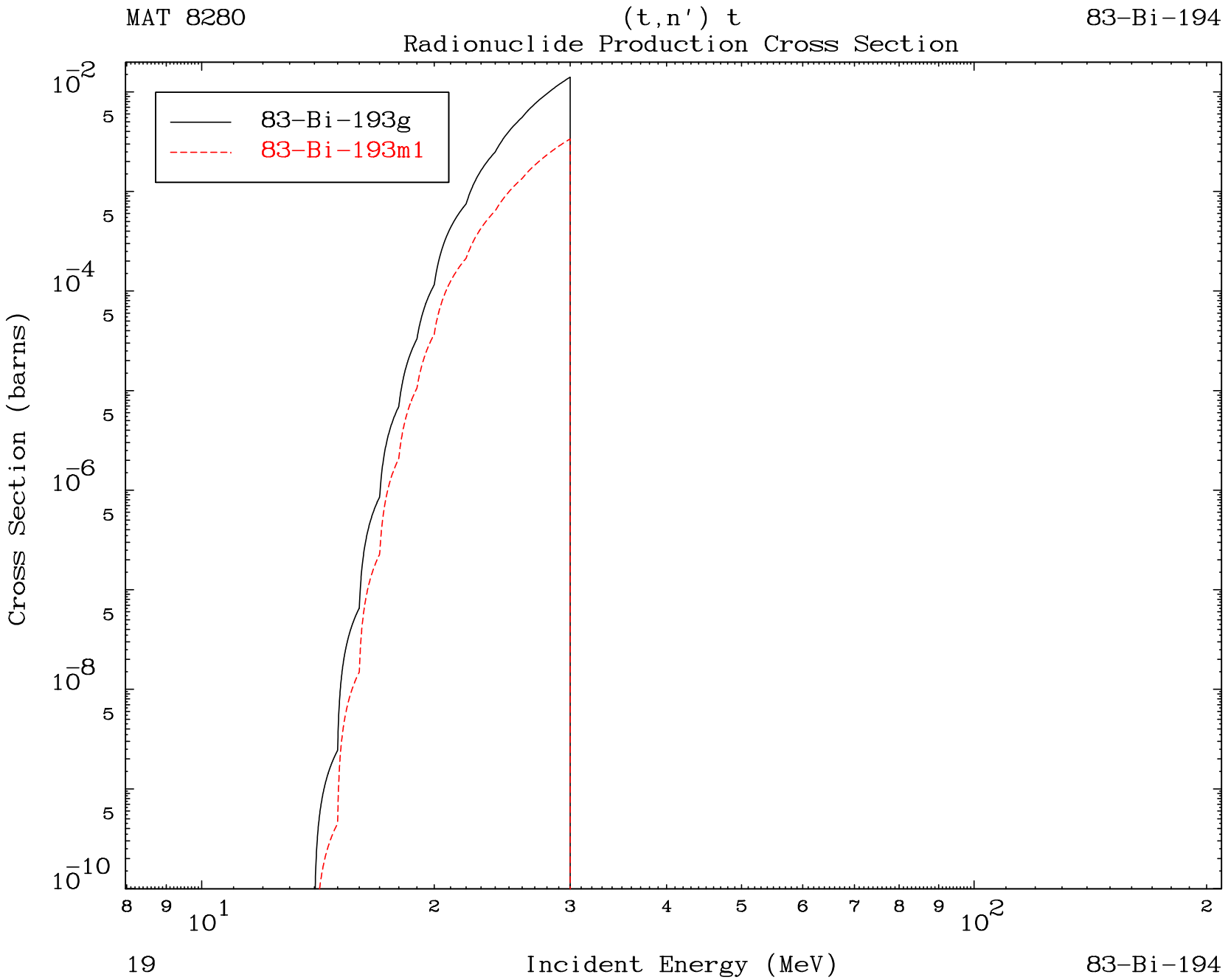
Triton Fission
83-Bi-194
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
14
83-Bi-194

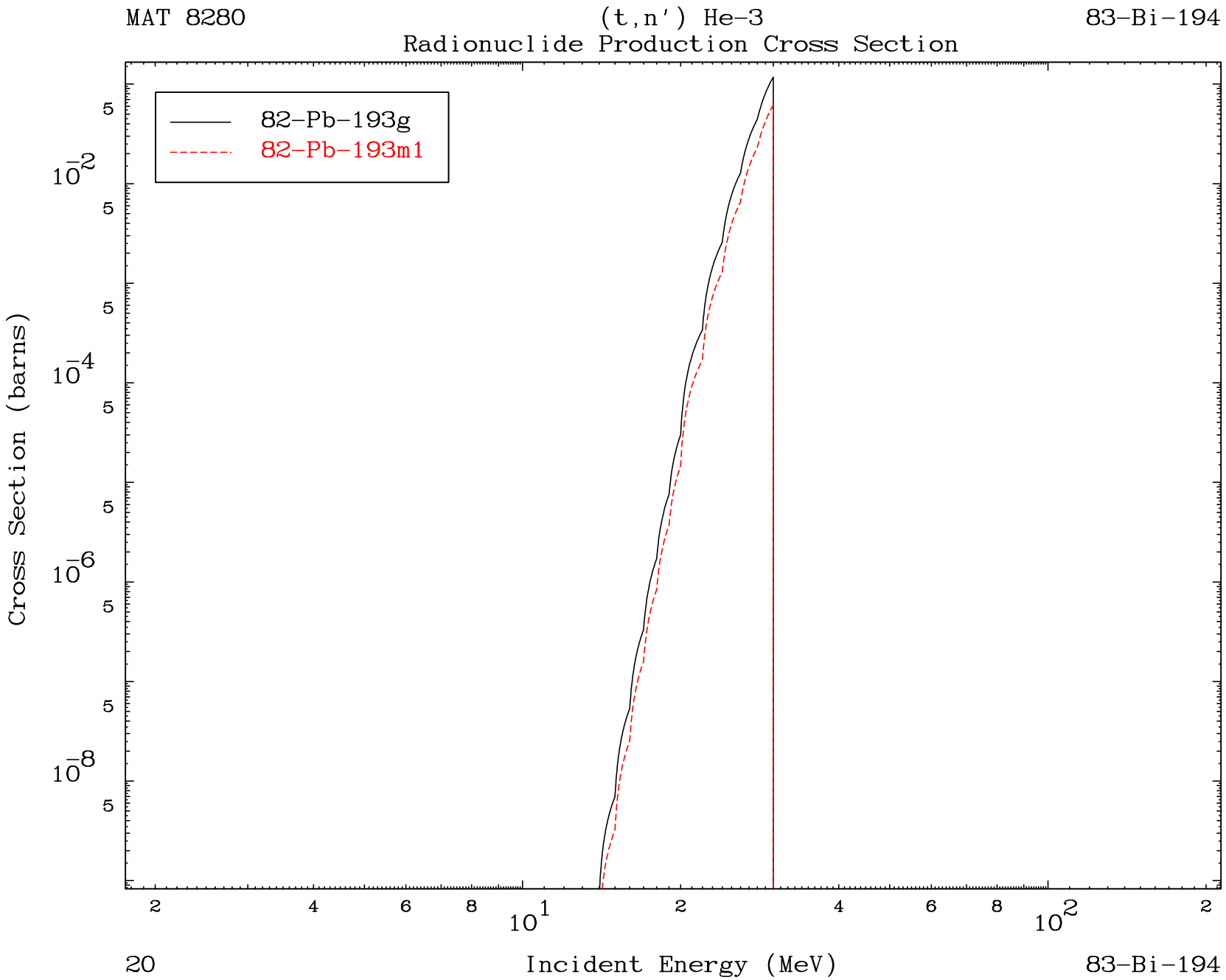

MAT 8280
(t,2n) α
83-Bi-194
Radionuclide Production Cross Section
82-Pb-191g
82-Pb-191m1
Cross Section (barns)
Incident Energy (MeV)
15
83-Bi-194

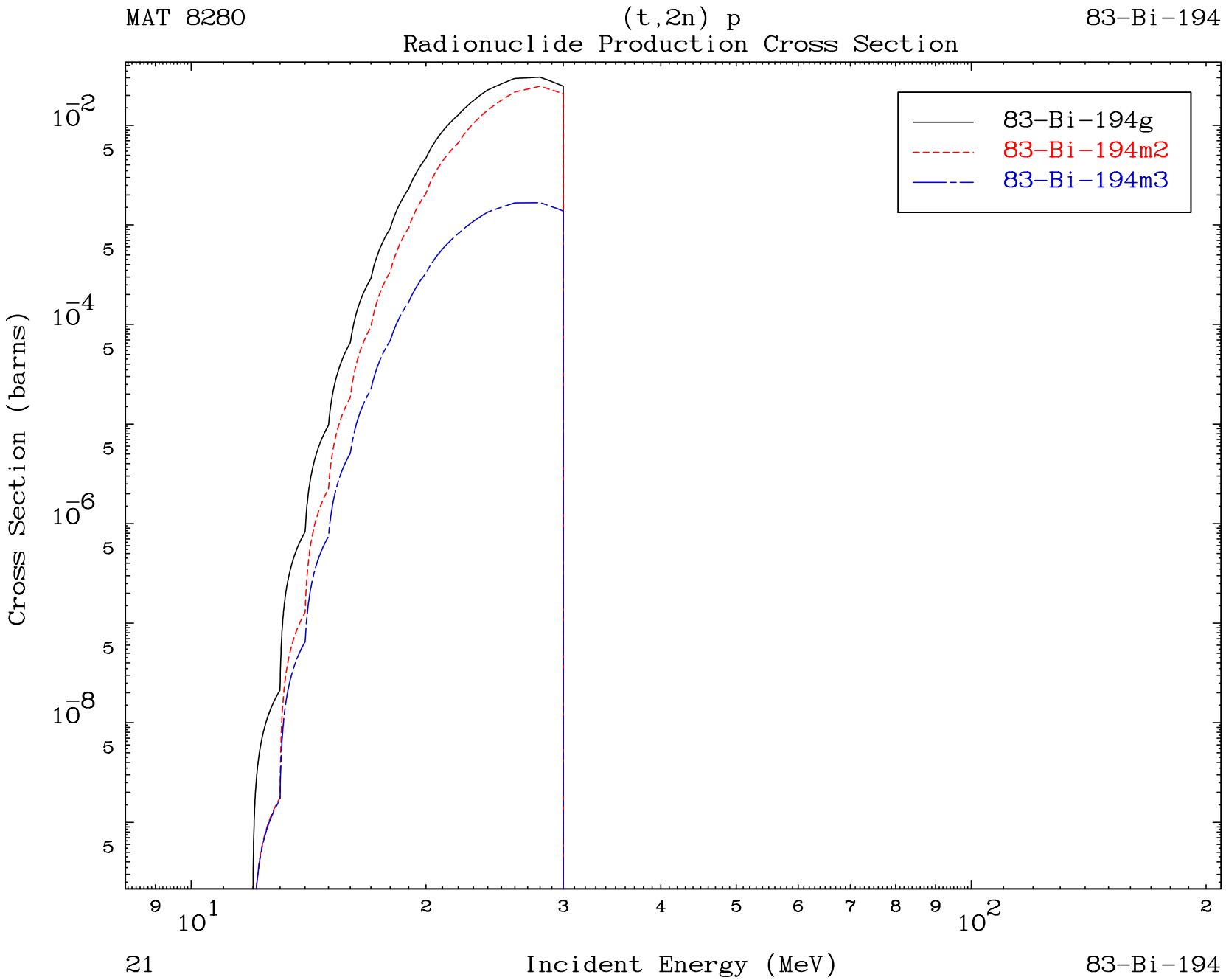

MAT 8280
(t,n') p
83-Bi-194
Radionuclide Production Cross Section
83-Bi-195g
83-Bi-195m1
Cross Section (barns)
Incident Energy (MeV)
16
83-Bi-194

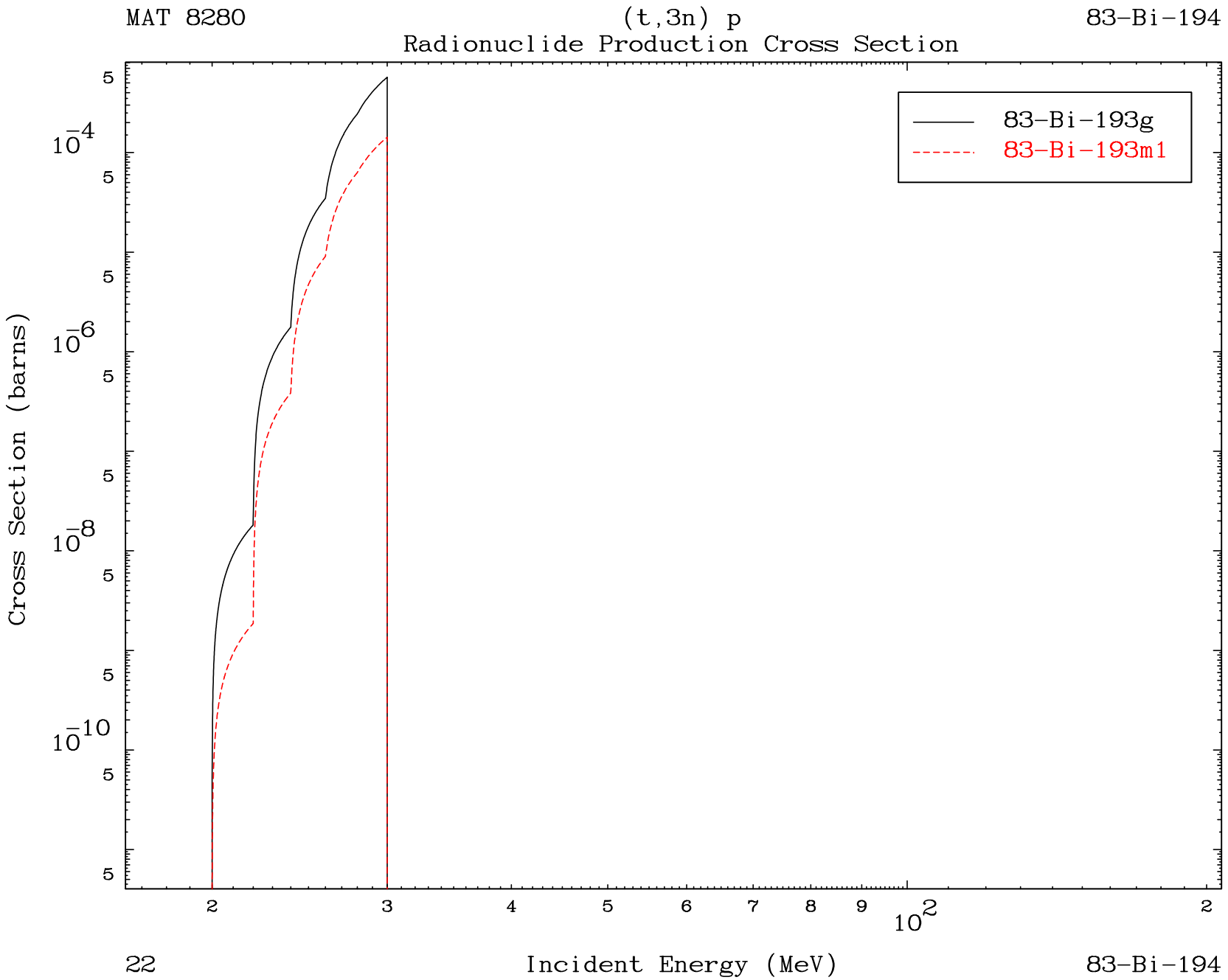

MAT 8280
(t,2n) 2α
83-Bi-194
Radionuclide Production Cross Section
80-Hg-187g
80-Hg-187m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
4
6
8
10^0
10^1
10^2
17
Incident Energy (MeV)
83-Bi-194

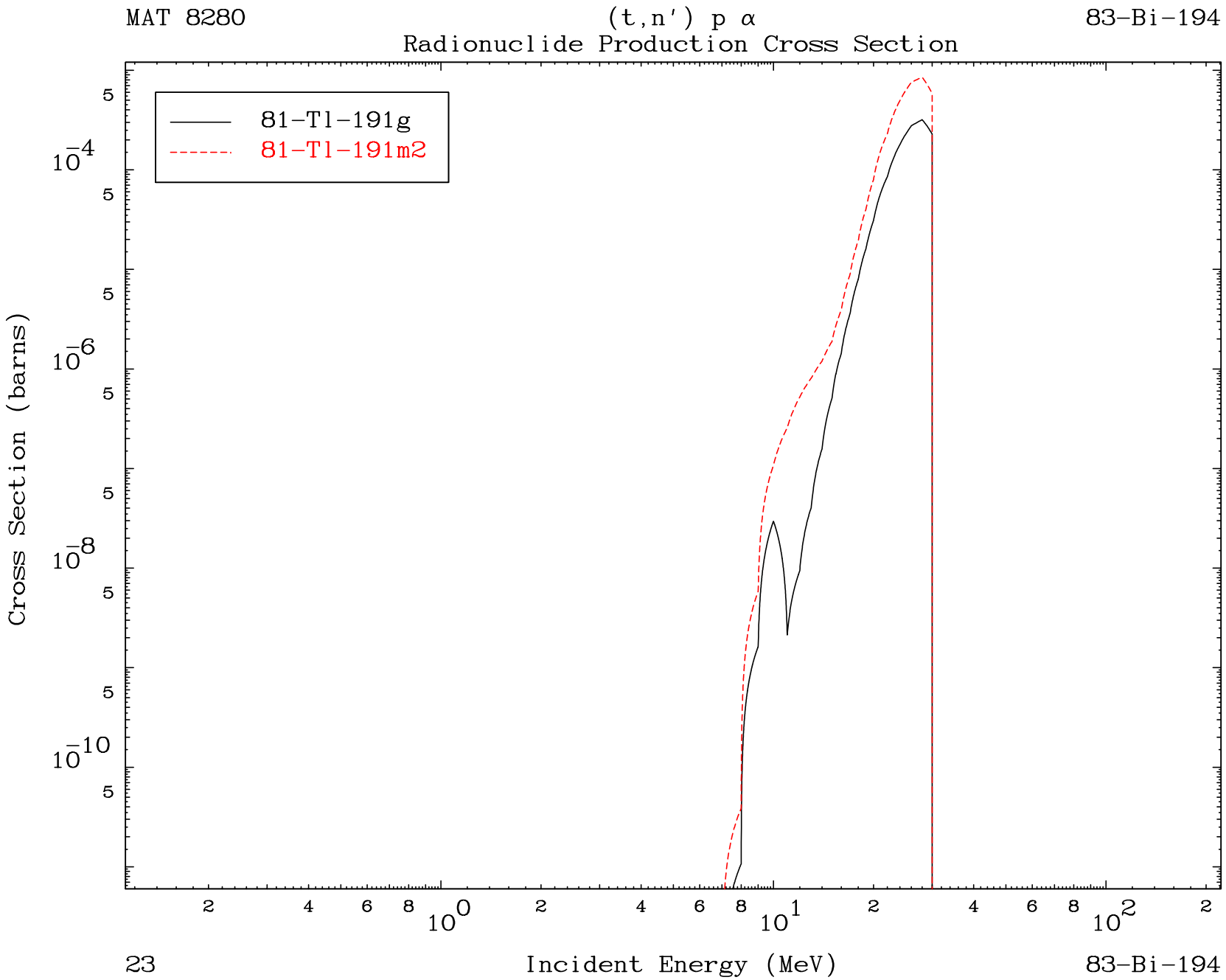

MAT 8280
(t,n') d
83-Bi-194
Radionuclide Production Cross Section
83-Bi-194g
83-Bi-194m2
83-Bi-194m3
Cross Section (barns)
Incident Energy (MeV)
18
83-Bi-194

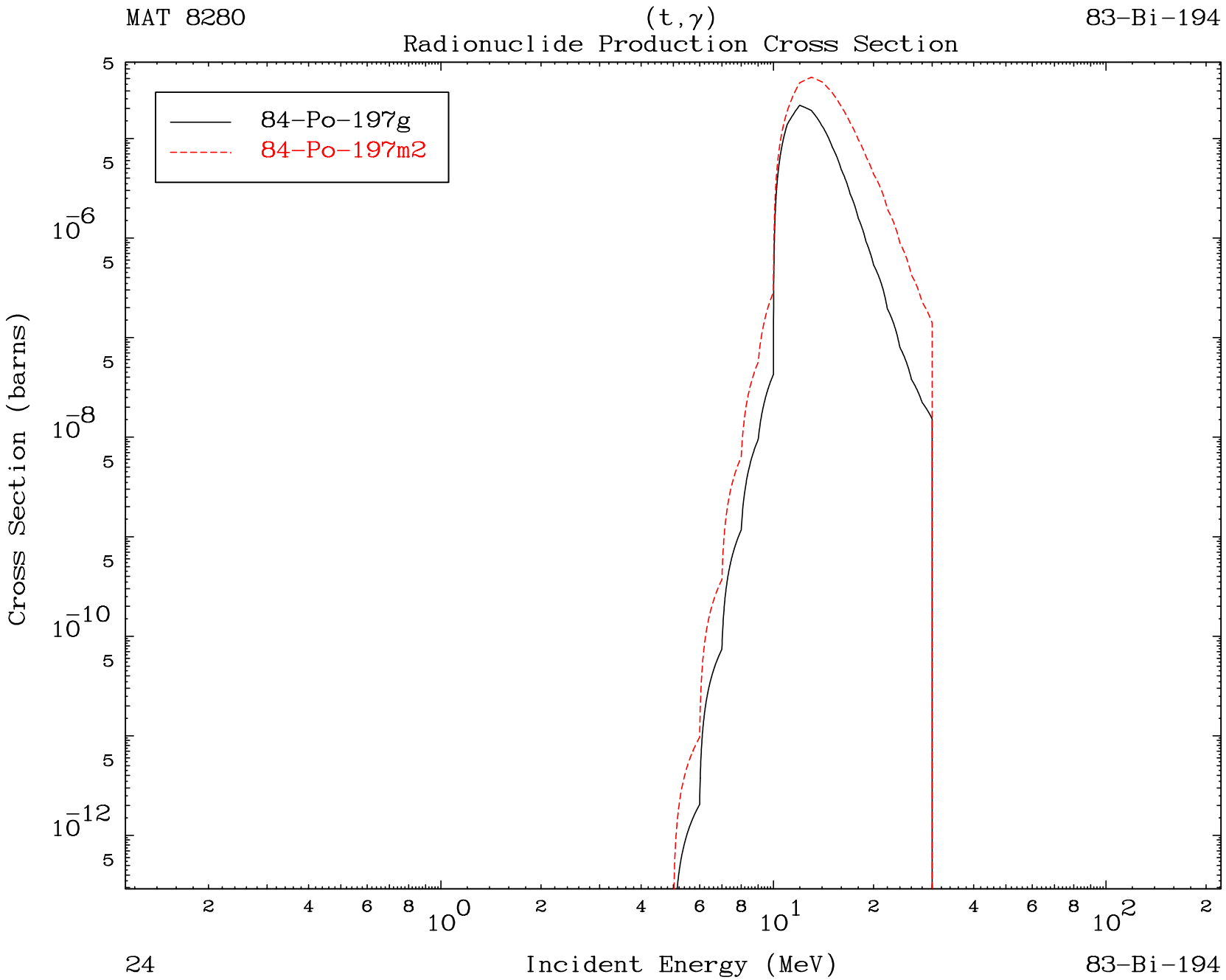

MAT 8280
(t,n') t
83-Bi-194
Radionuclide Production Cross Section
83-Bi-193g
83-Bi-193m1
Cross Section (barns)
Incident Energy (MeV)
19
83-Bi-194

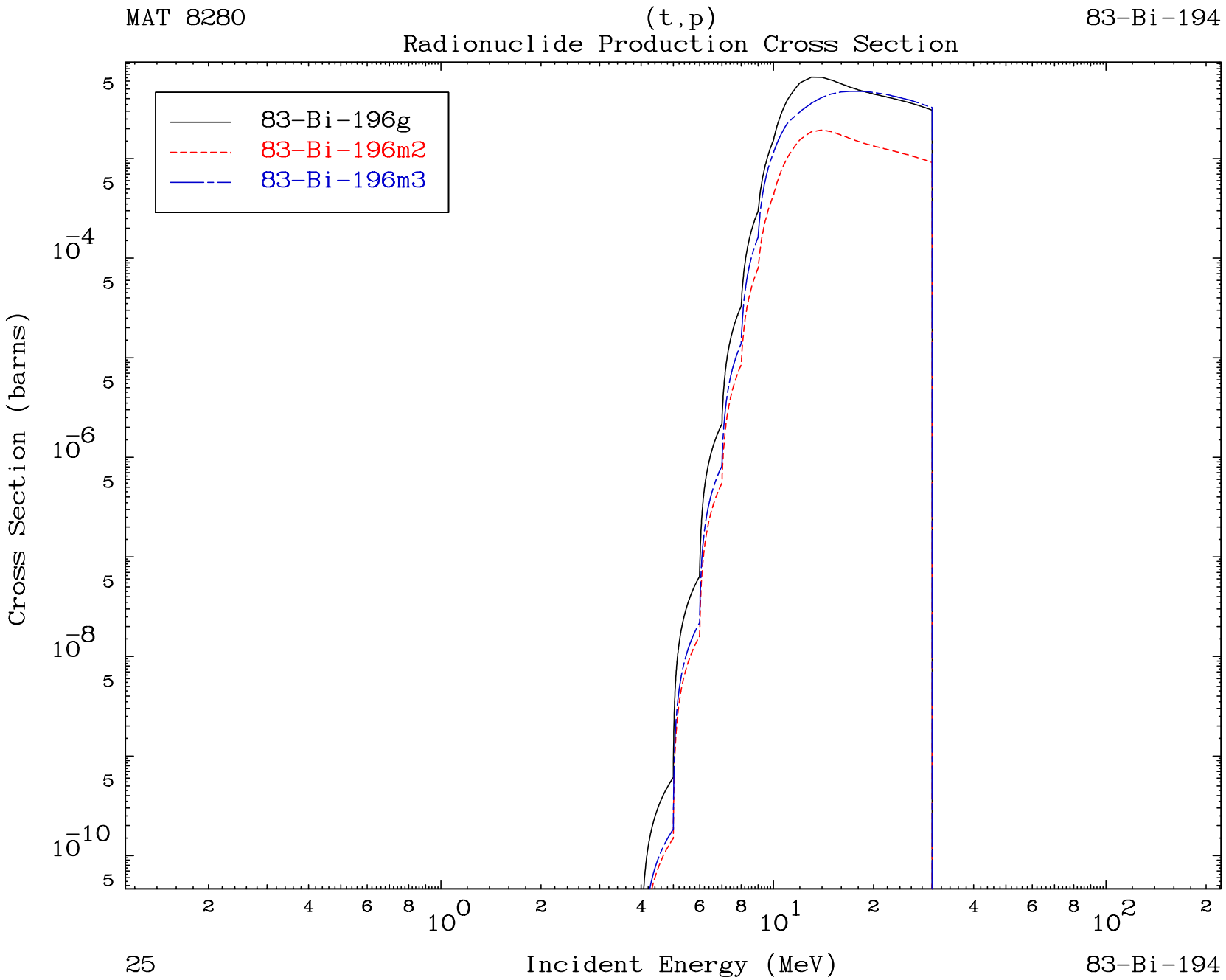

MAT 8280
(t,n') He-3
83-Bi-194
Radionuclide Production Cross Section
82-Pb-193g
82-Pb-193m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
101
102
20
Incident Energy (MeV)
83-Bi-194

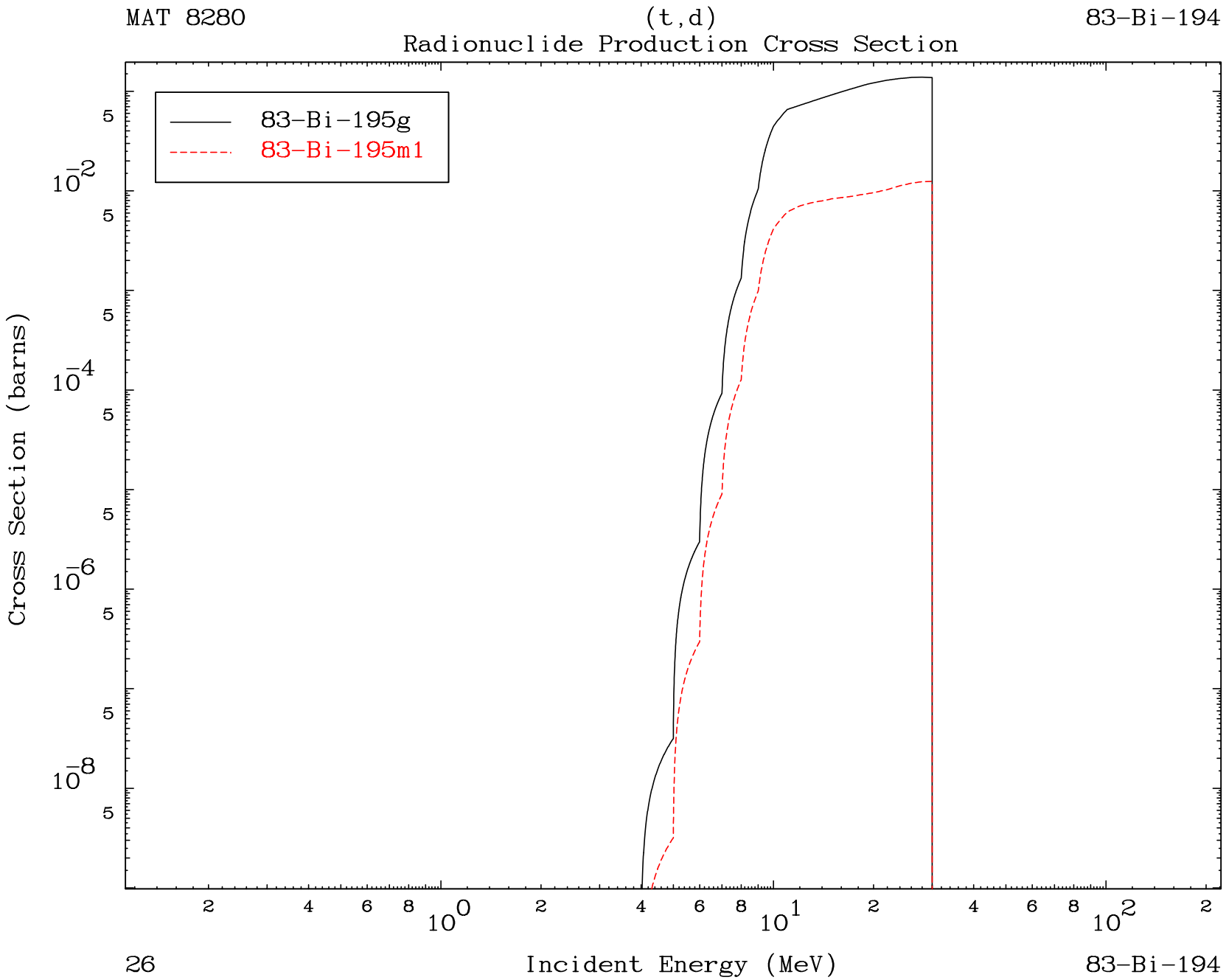

MAT 8280
(t,2n) p
83-Bi-194
Radionuclide Production Cross Section
83-Bi-194g
83-Bi-194m2
83-Bi-194m3
Cross Section (barns)
Incident Energy (MeV)
21
83-Bi-194

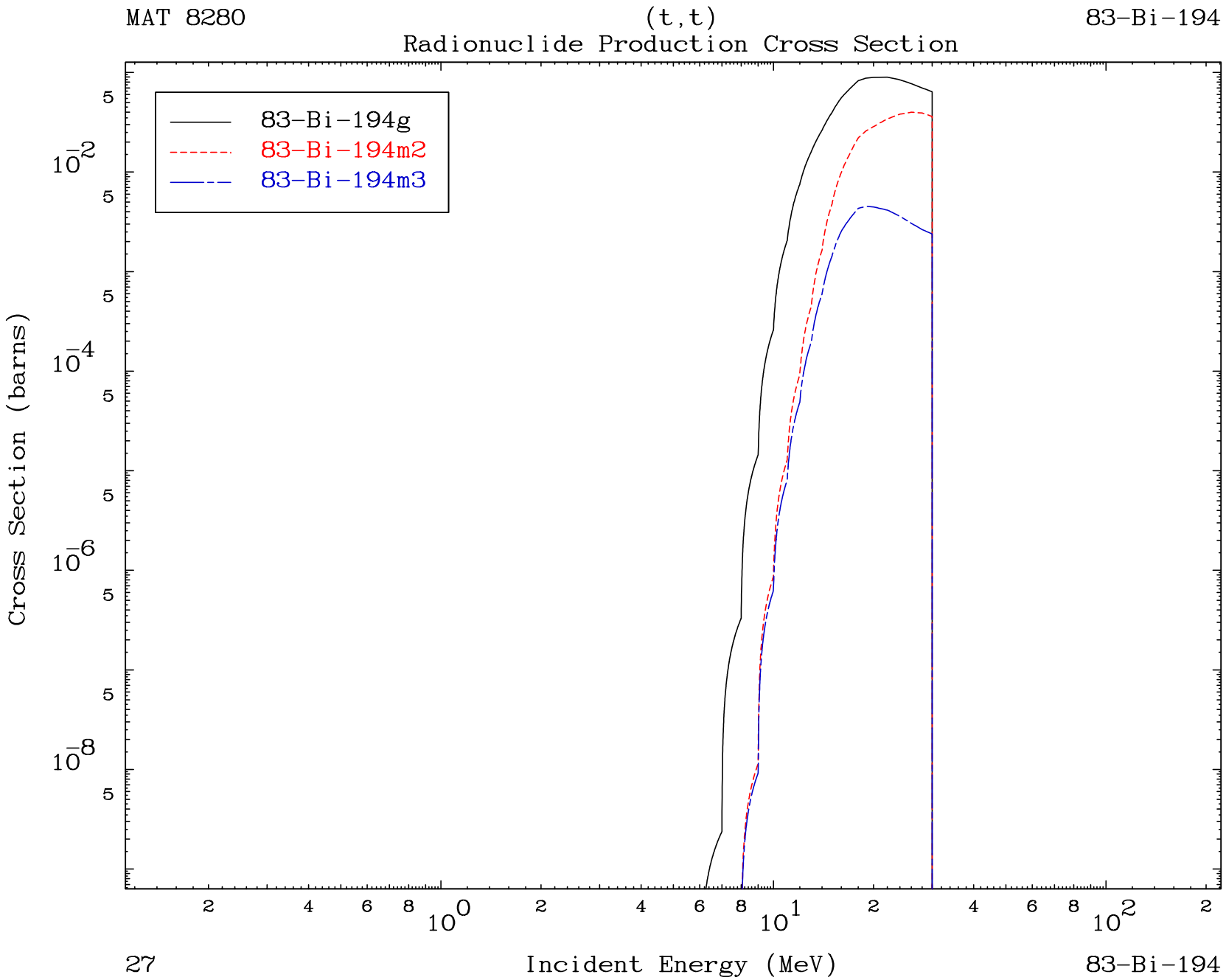

MAT 8280
(t,3n) p
83-Bi-194
Radionuclide Production Cross Section
83-Bi-193g
83-Bi-193m1
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
22
Incident Energy (MeV)
83-Bi-194

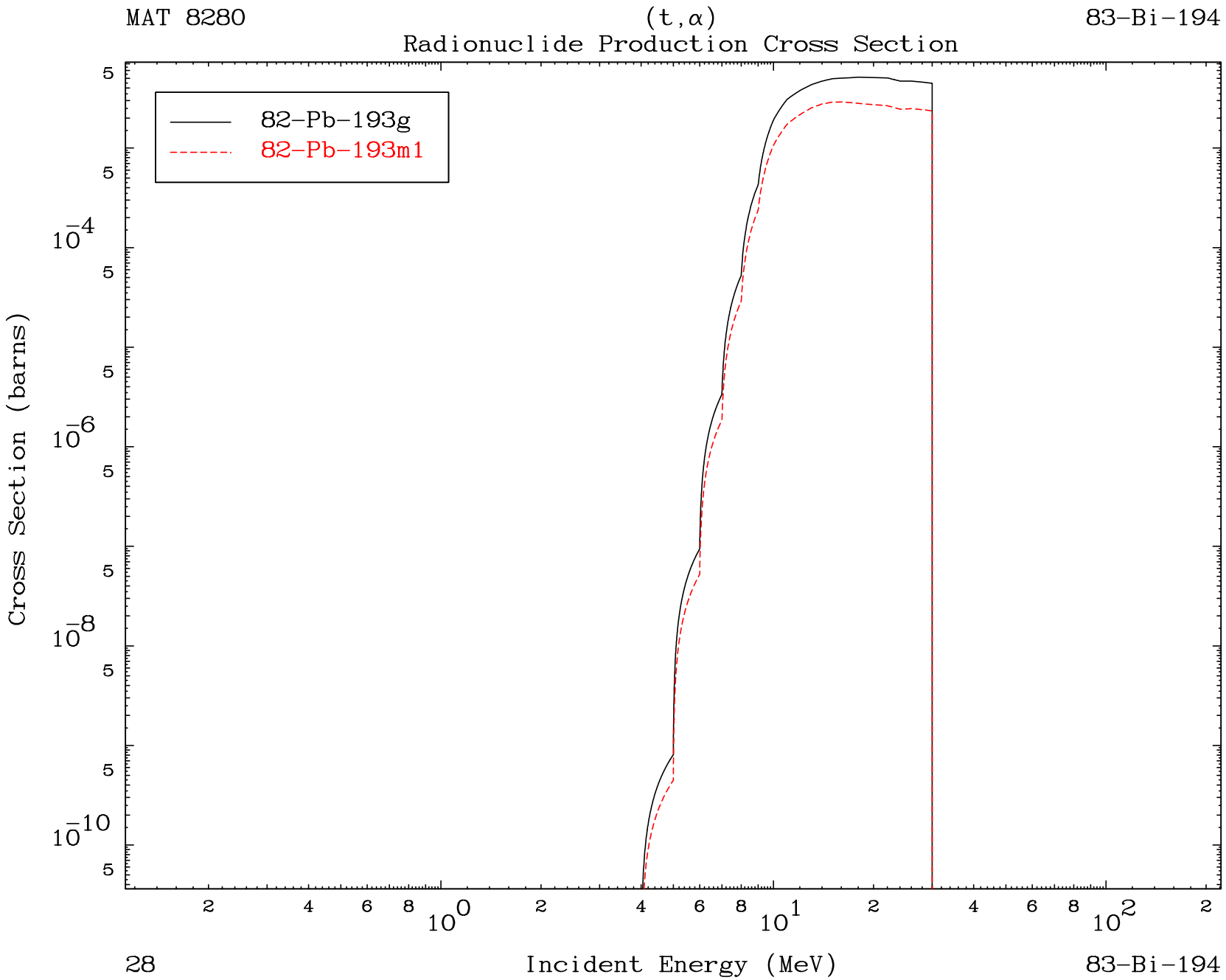

MAT 8280
(t,n') p α
83-Bi-194
Radionuclide Production Cross Section
81-Tl-191g
81-Tl-191m2
Cross Section (barns)
Incident Energy (MeV)
23
83-Bi-194

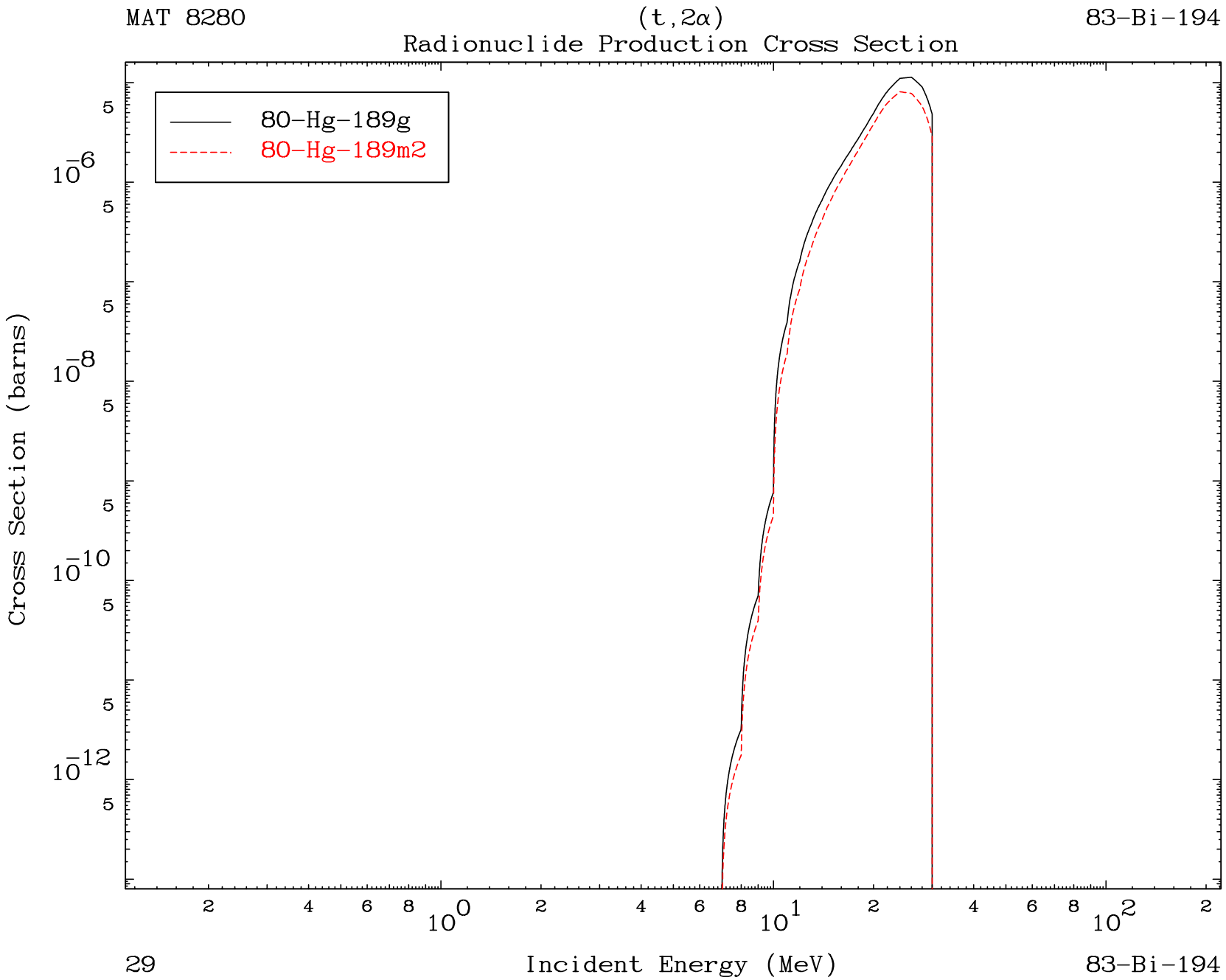

MAT 8280
(t,γ)
83-Bi-194
Radionuclide Production Cross Section
84-Po-197g
84-Po-197m2
Cross Section (barns)
Incident Energy (MeV)
24
83-Bi-194

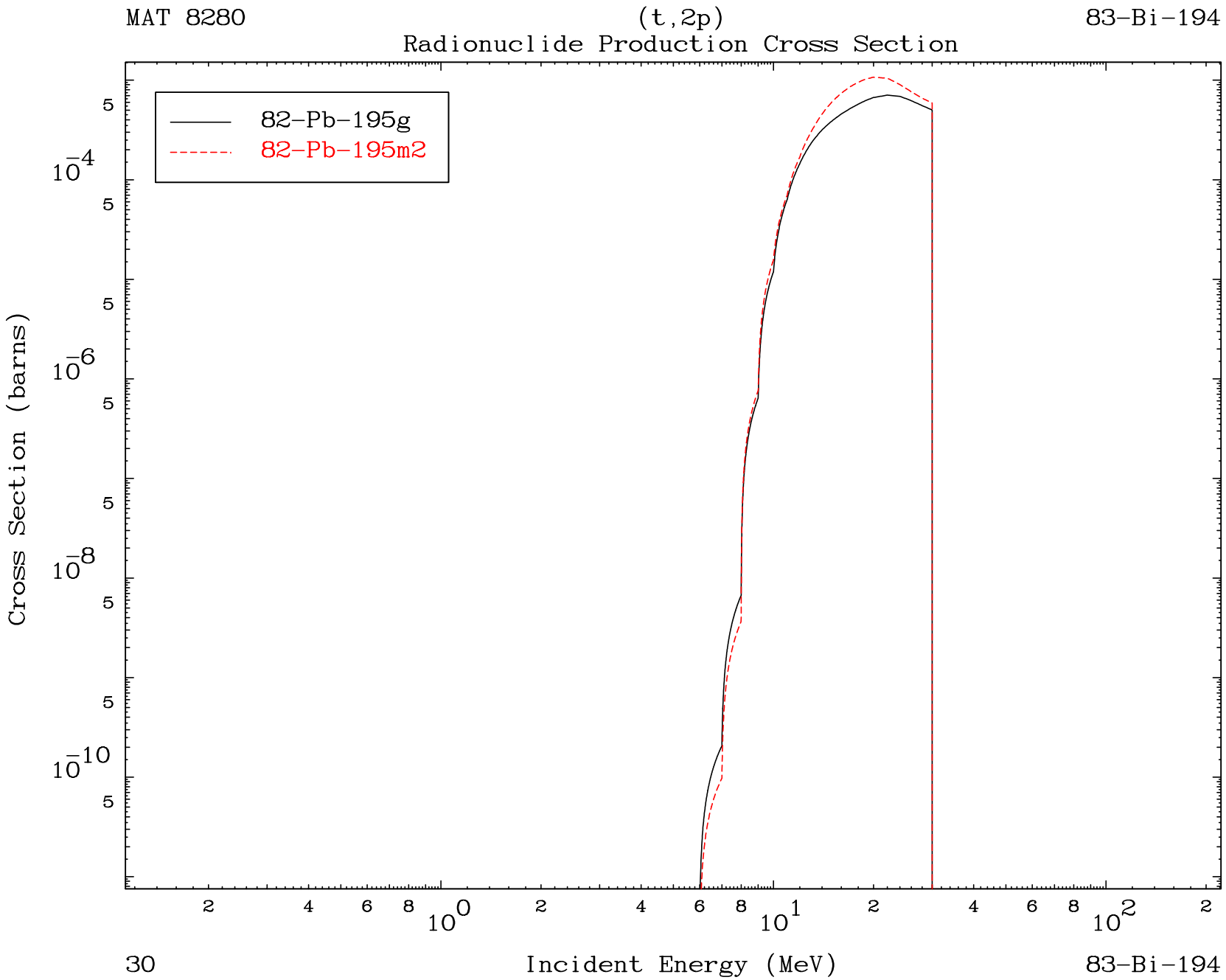

MAT 8280
(t,p)
83-Bi-194
Radionuclide Production Cross Section
83-Bi-196g
83-Bi-196m2
83-Bi-196m3
Cross Section (barns)
Incident Energy (MeV)
25
83-Bi-194

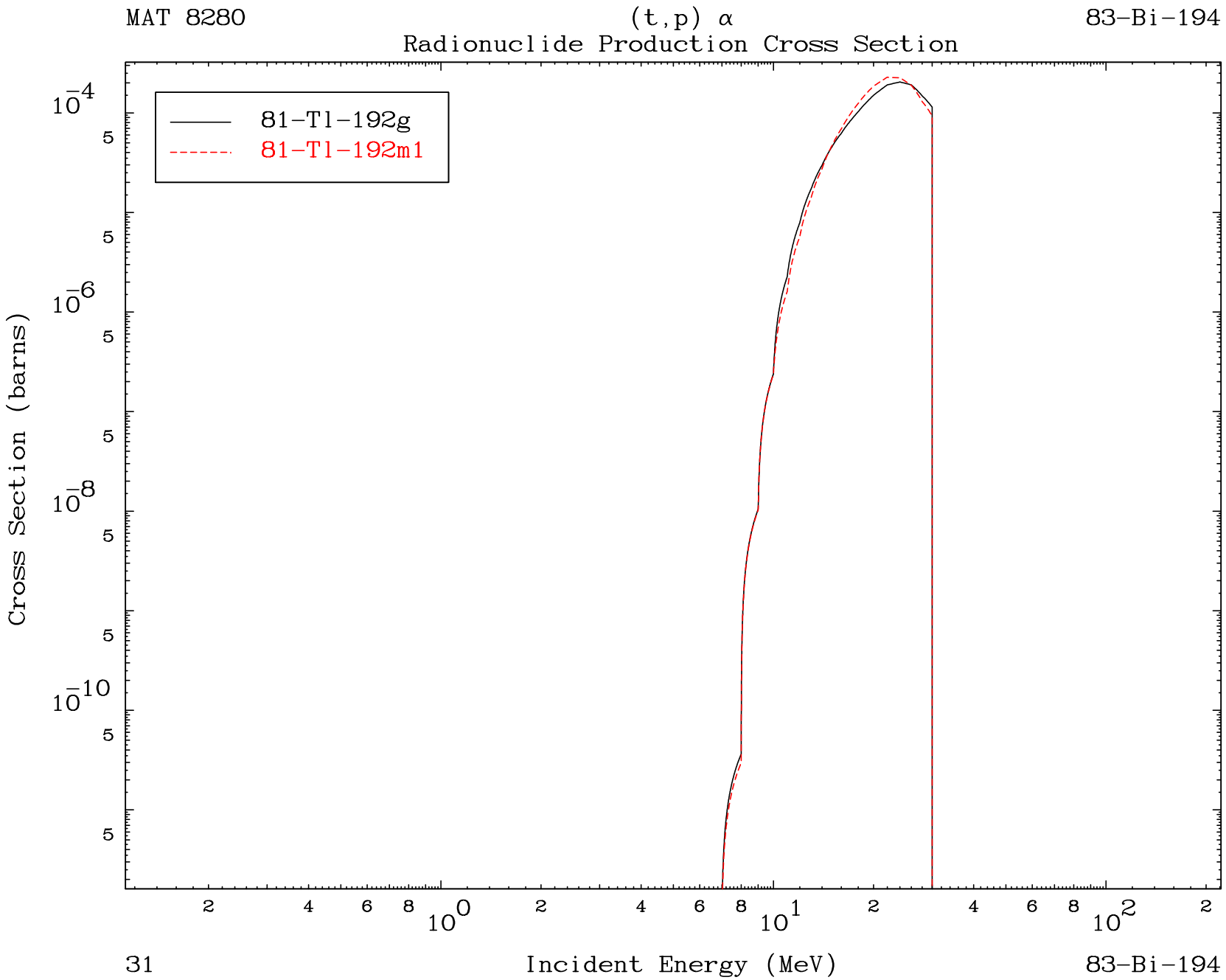

MAT 8280
(t,d)
83-Bi-194
Radionuclide Production Cross Section
83-Bi-195g
83-Bi-195m1
Cross Section (barns)
10-2
10-4
10-6
10-8
10 0
10 1
10 2
Incident Energy (MeV)
26
83-Bi-194

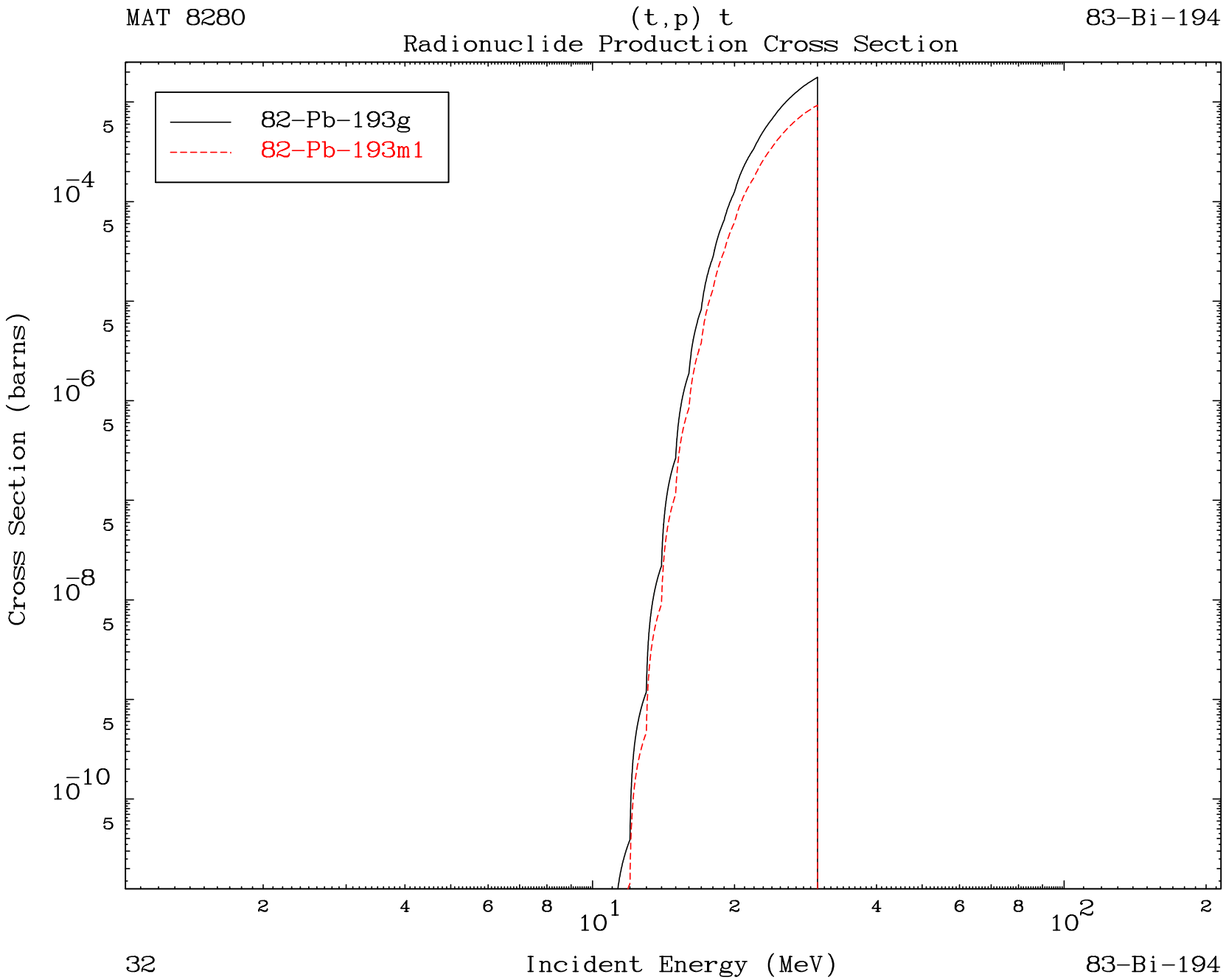

MAT 8280
(t,t)
83-Bi-194
Radionuclide Production Cross Section
83-Bi-194g
83-Bi-194m2
83-Bi-194m3
Cross Section (barns)
Incident Energy (MeV)
27
83-Bi-194

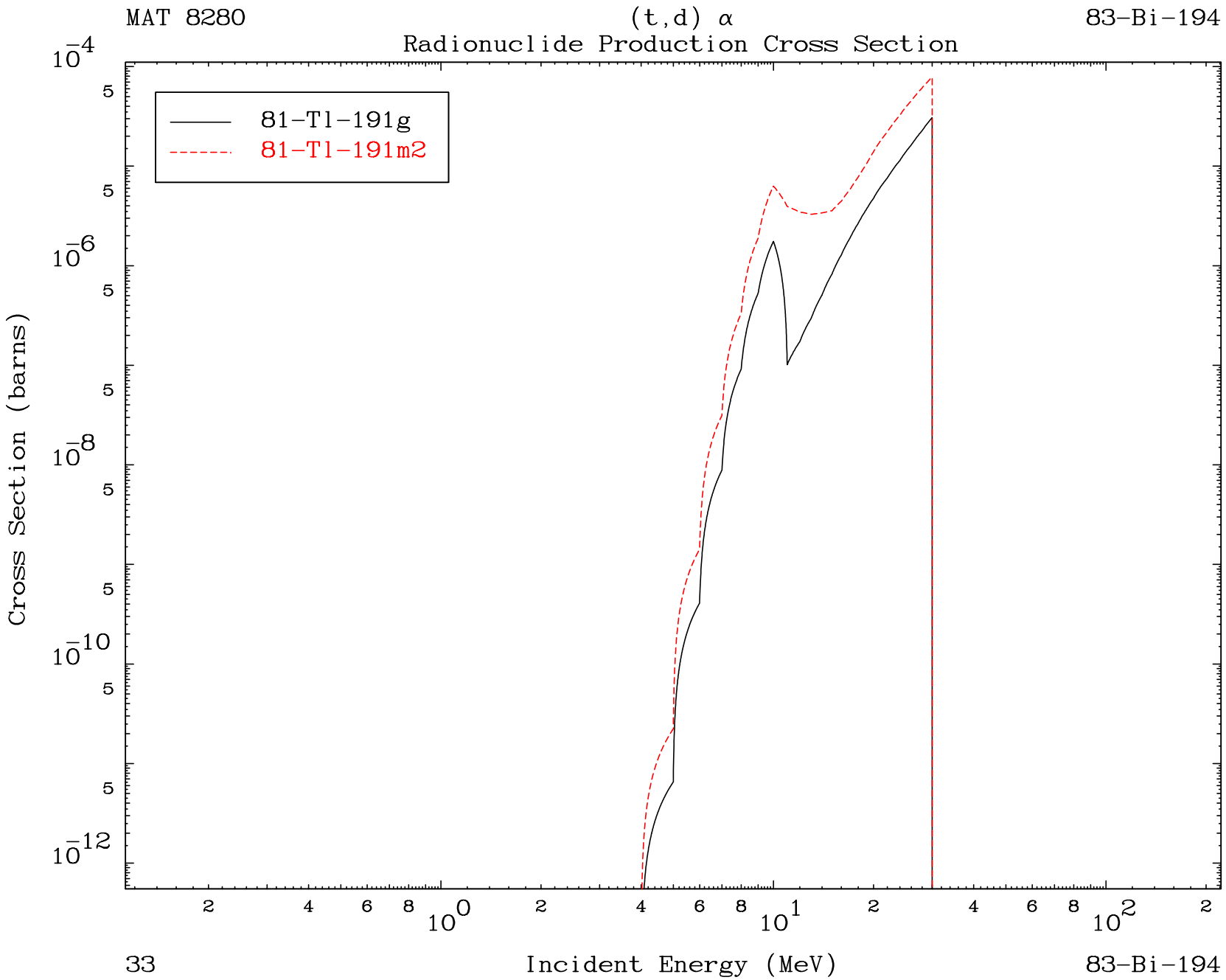

MAT 8280
(t,α)
83-Bi-194
Radionuclide Production Cross Section
82-Pb-193g
82-Pb-193m1
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
28
83-Bi-194


MAT 8280
(t,2α)
83-Bi-194
Radionuclide Production Cross Section
80-Hg-189g
80-Hg-189m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
29
83-Bi-194


MAT 8280
(t,2p)
83-Bi-194
Radionuclide Production Cross Section
82-Pb-195g
82-Pb-195m2
Cross Section (barns)
Incident Energy (MeV)
30
83-Bi-194


MAT 8280
(t,p) α
83-Bi-194
Radionuclide Production Cross Section
81-Tl-192g
81-Tl-192m1
Cross Section (barns)
Incident Energy (MeV)
31
83-Bi-194


MAT 8280
(t,p) t
83-Bi-194
Radionuclide Production Cross Section
82-Pb-193g
82-Pb-193m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
4
6
8
10 1
10 2
32
Incident Energy (MeV)
83-Bi-194


MAT 8280
(t,d) α
83-Bi-194
Radionuclide Production Cross Section
81-Tl-191g
81-Tl-191m2
Cross Section (barns)
Incident Energy (MeV)
33
83-Bi-194