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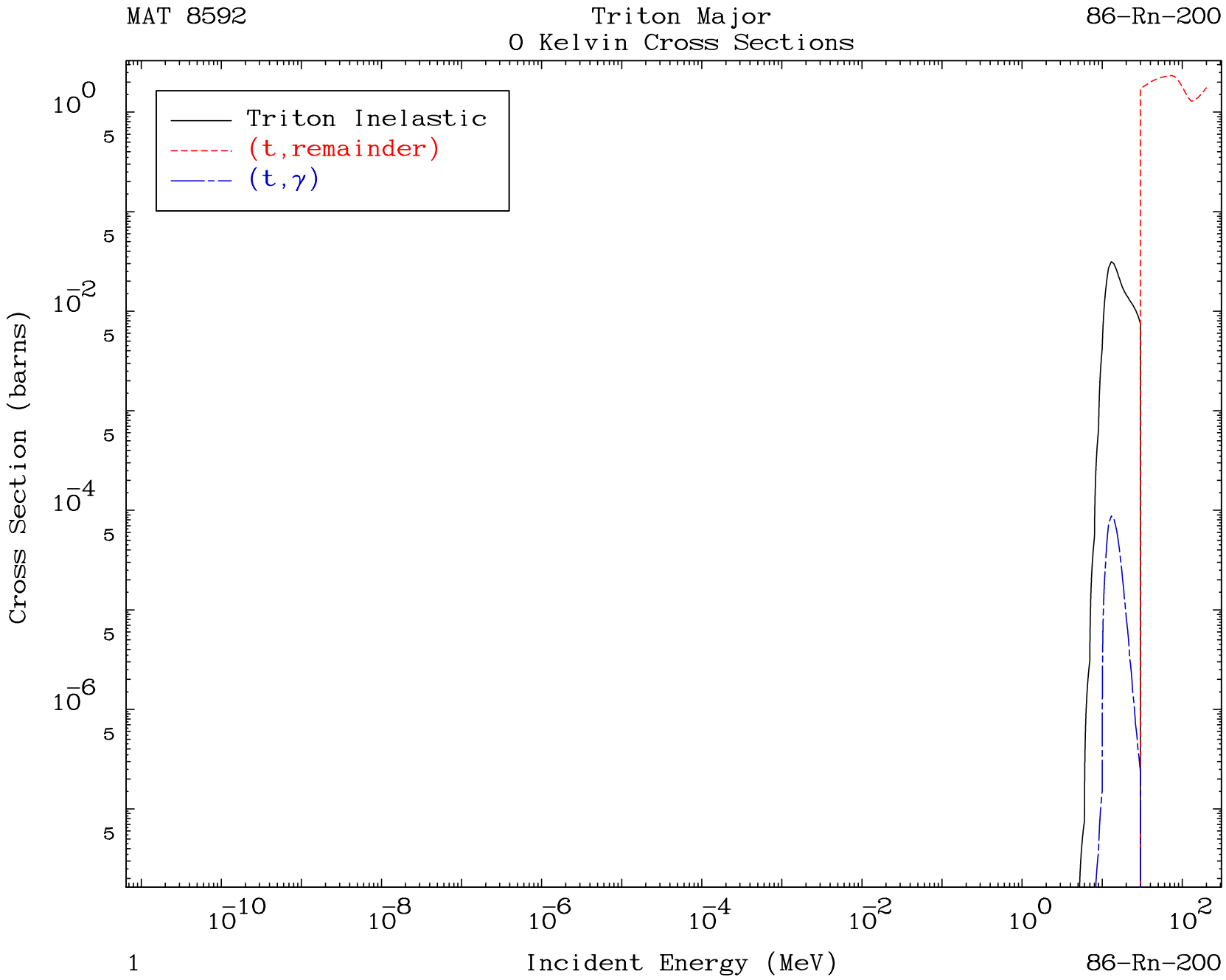
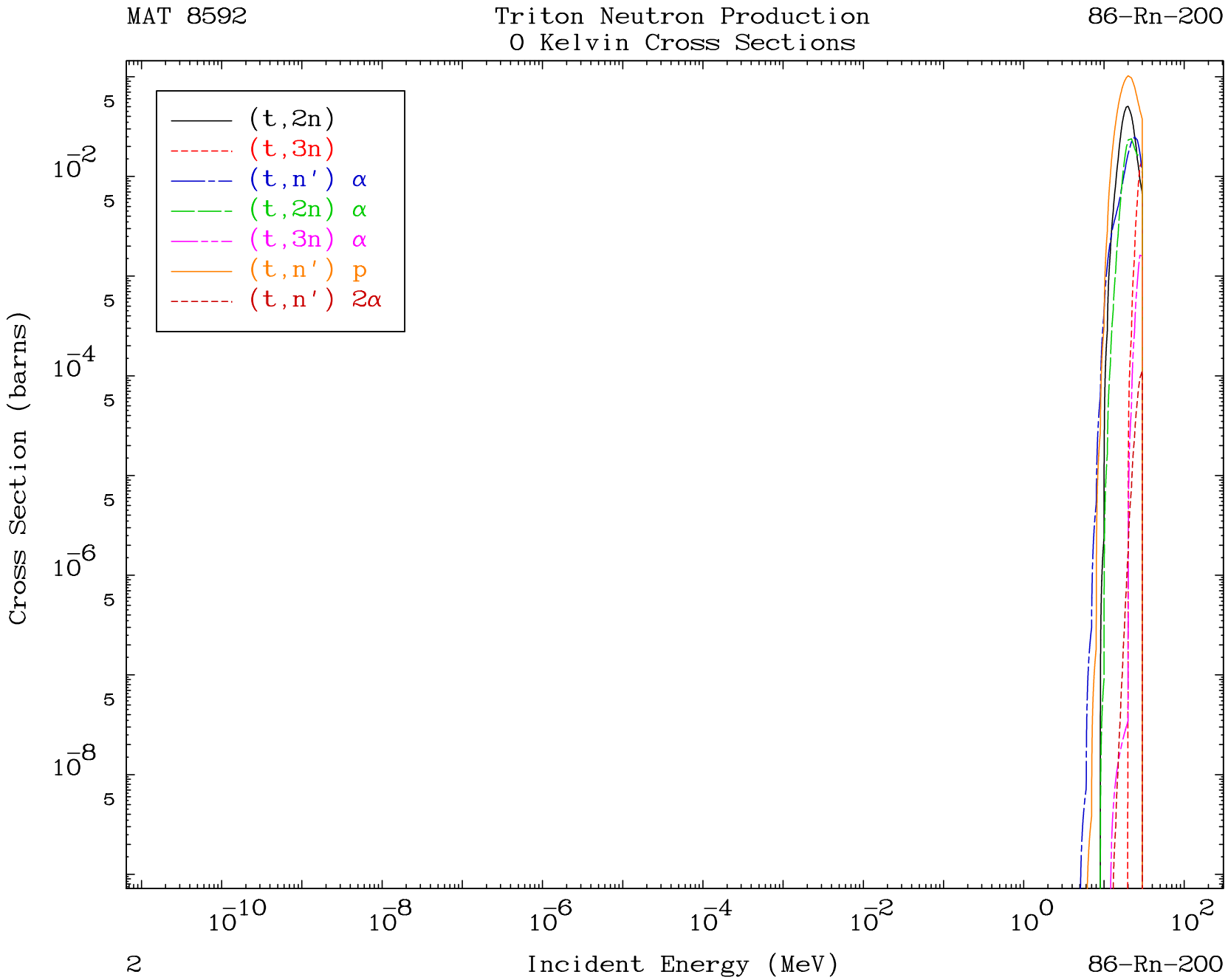
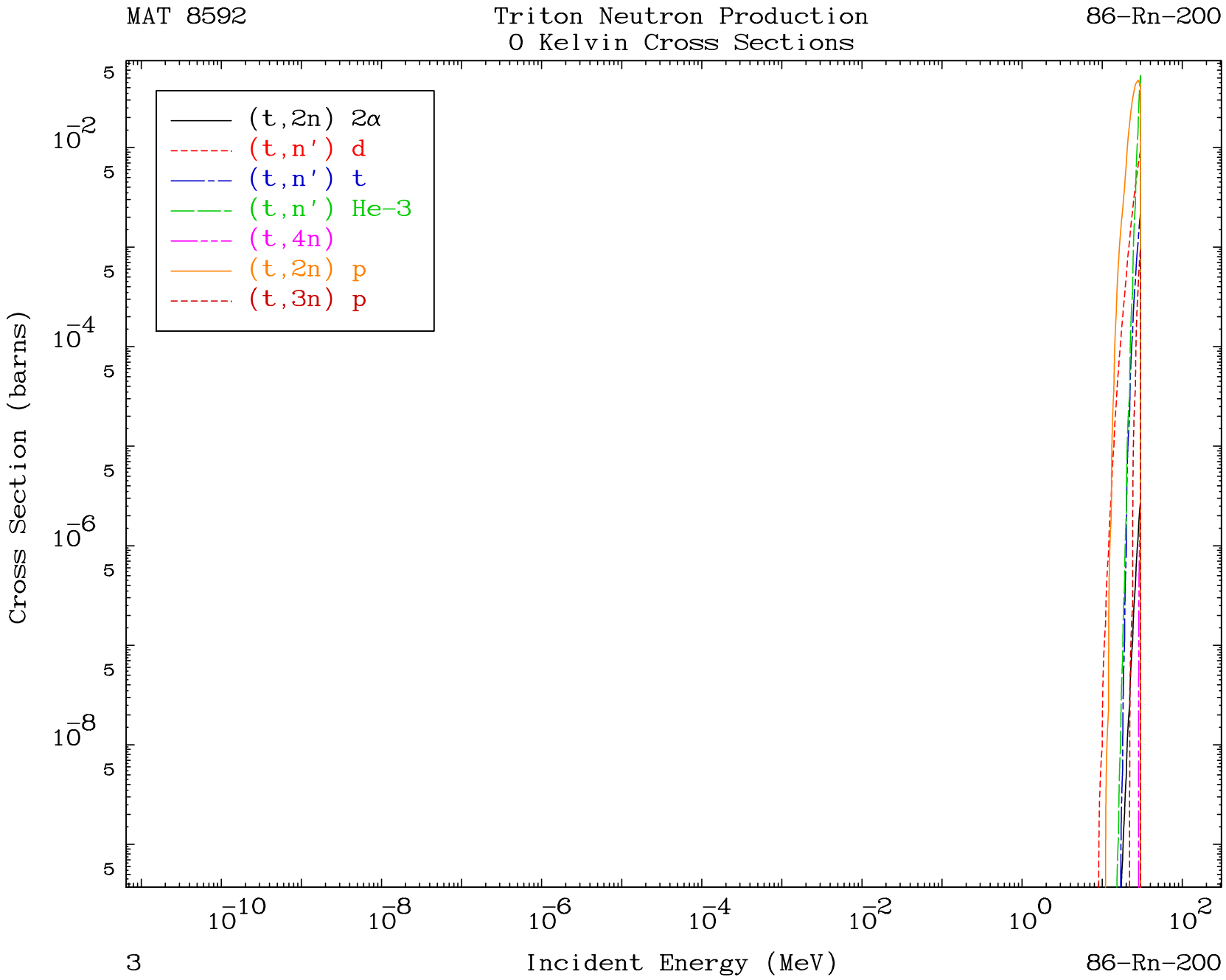
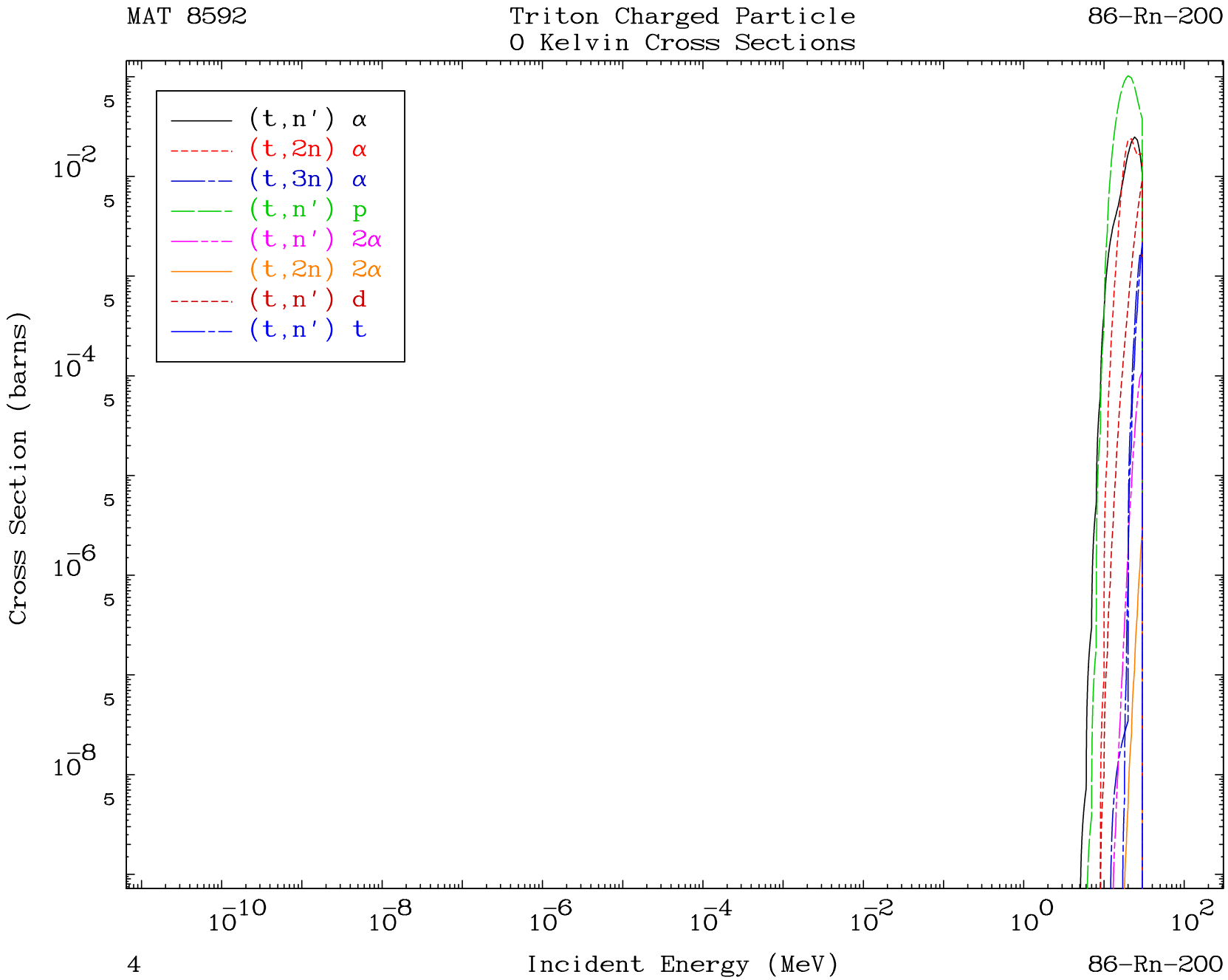
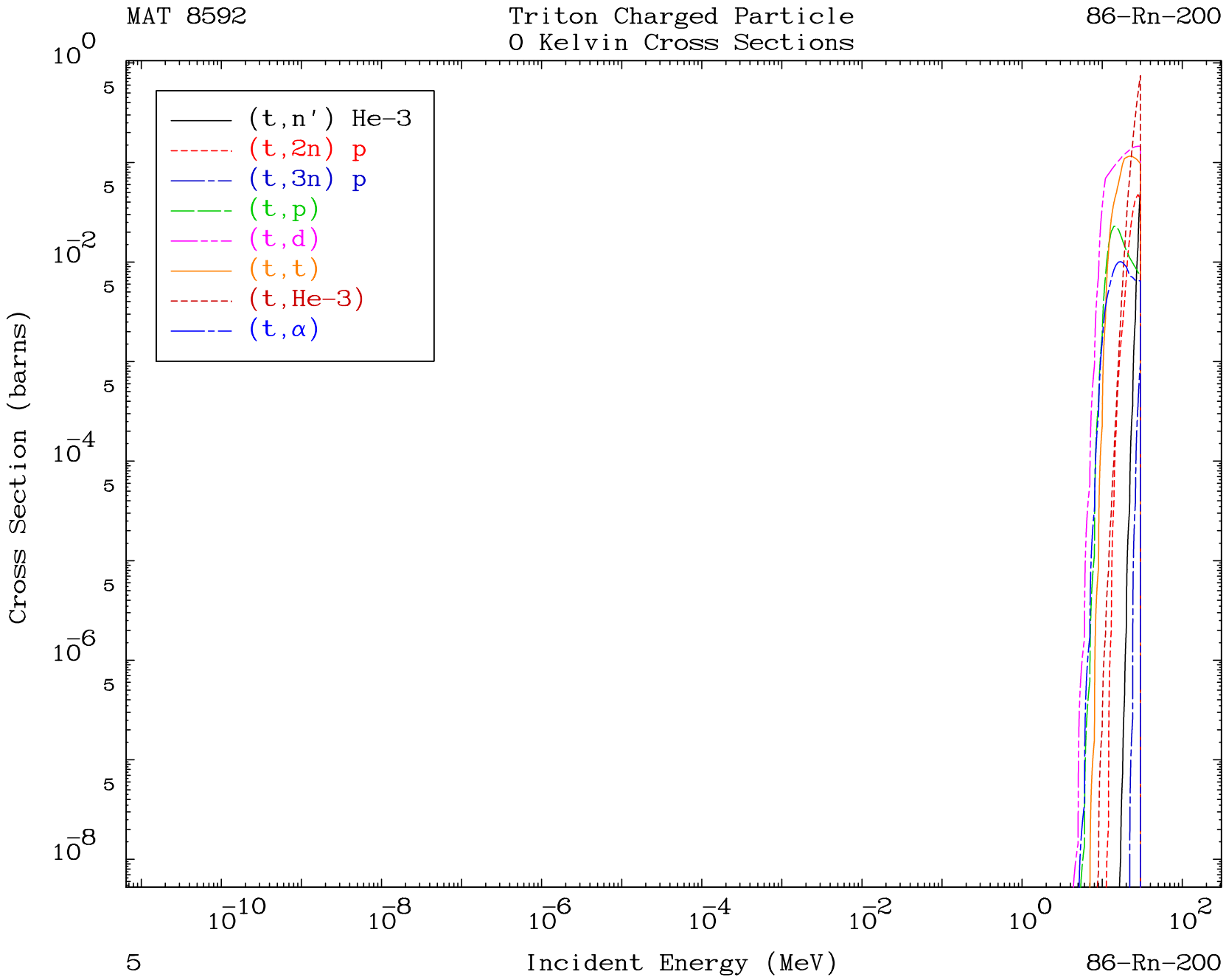
Press Mouse Button to Start

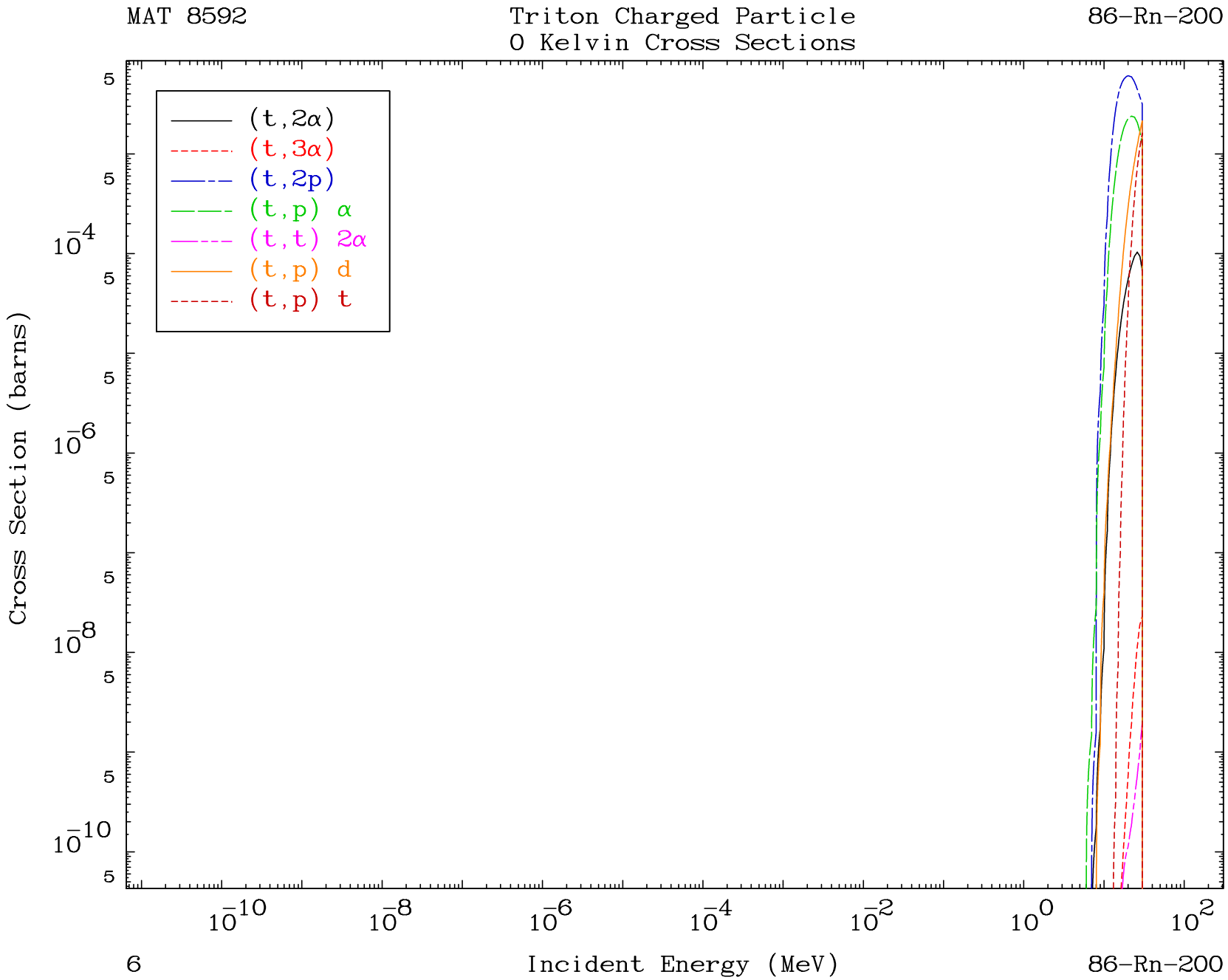

MAT 8592
Triton Major
86-Rn-200
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
86-Rn-200
1

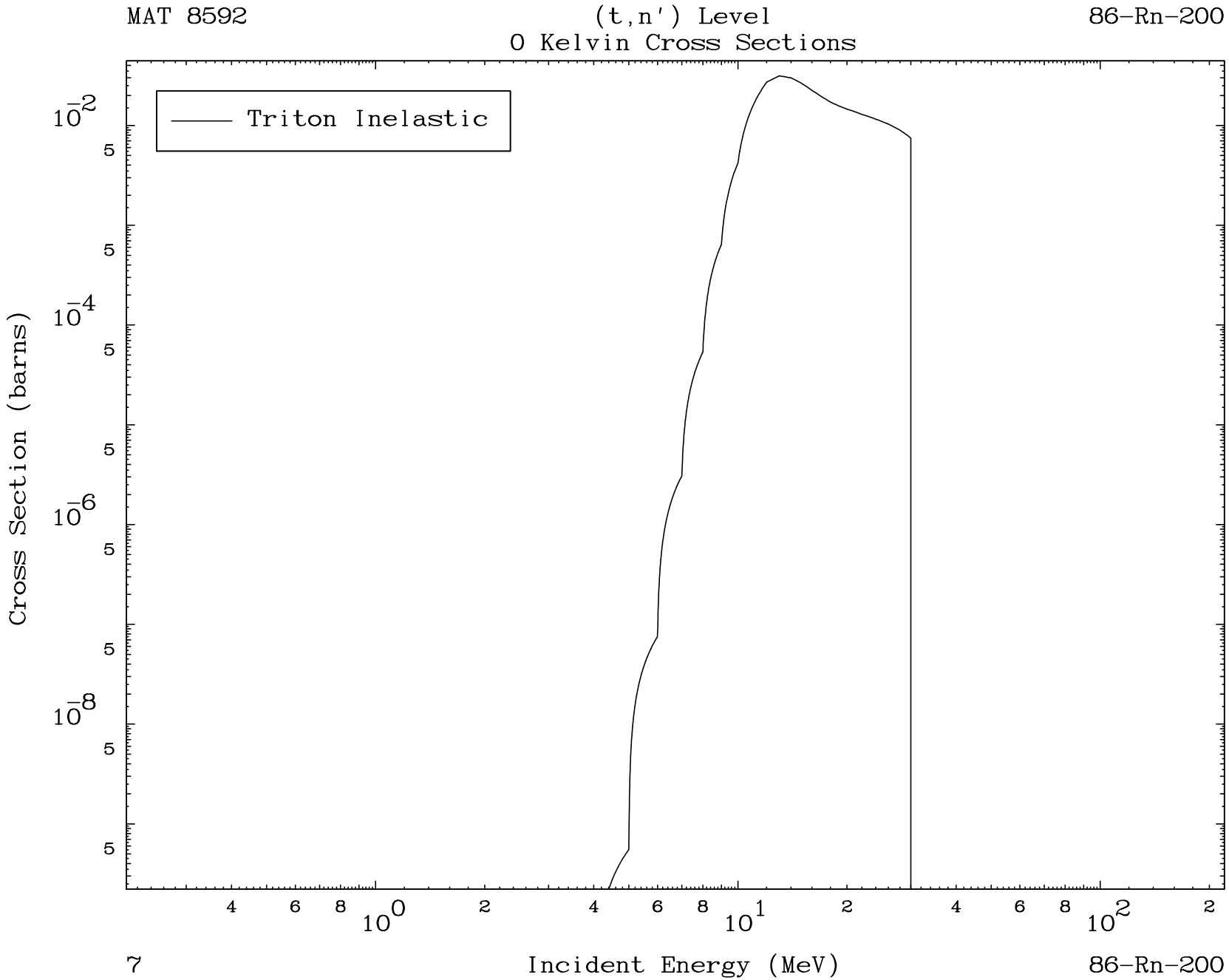

MAT 8592
Triton Neutron Production
0 Kelvin Cross Sections
86-Rn-200
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
86-Rn-200

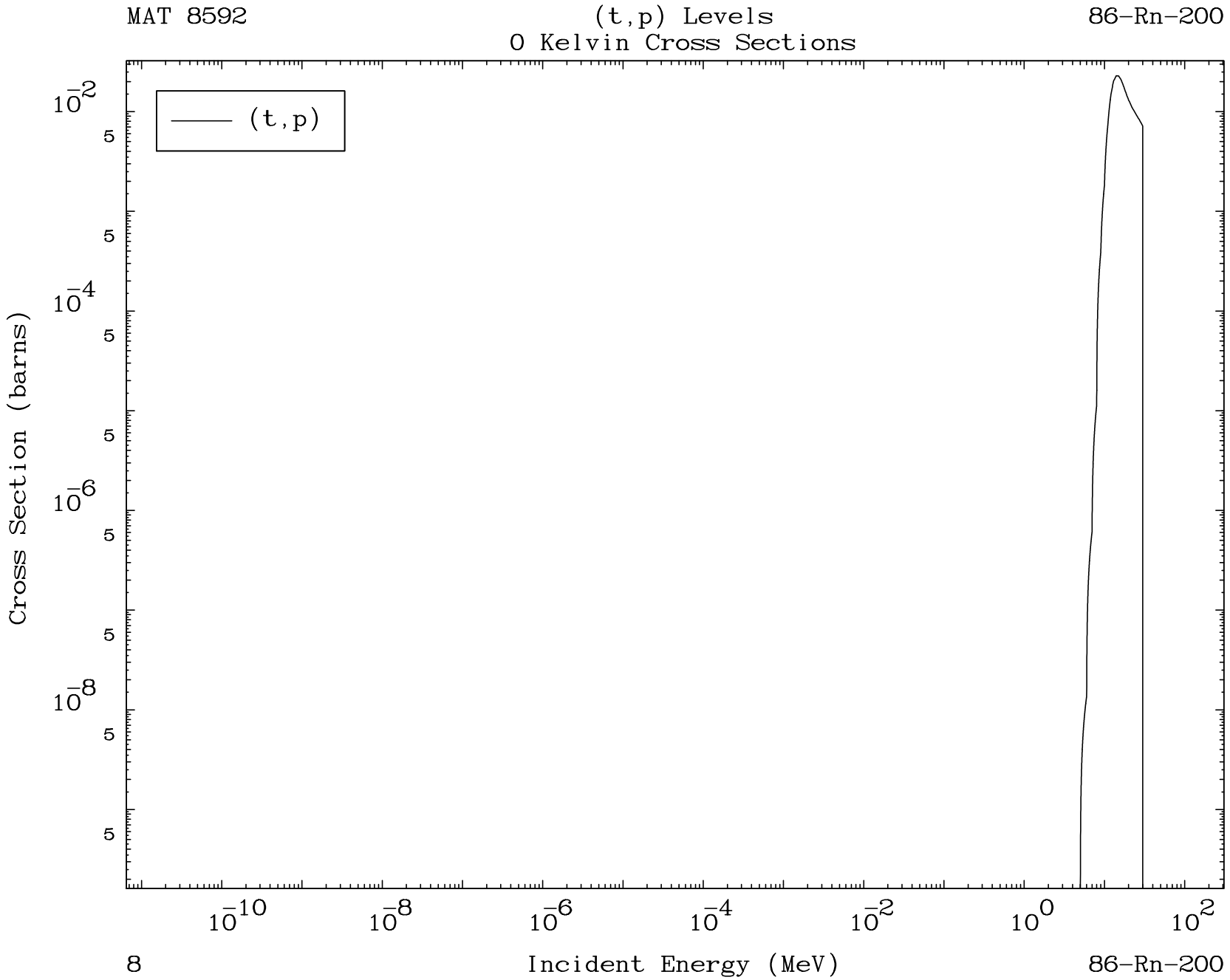

MAT 8592
Triton Neutron Production
0 Kelvin Cross Sections
86-Rn-200
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
86-Rn-200

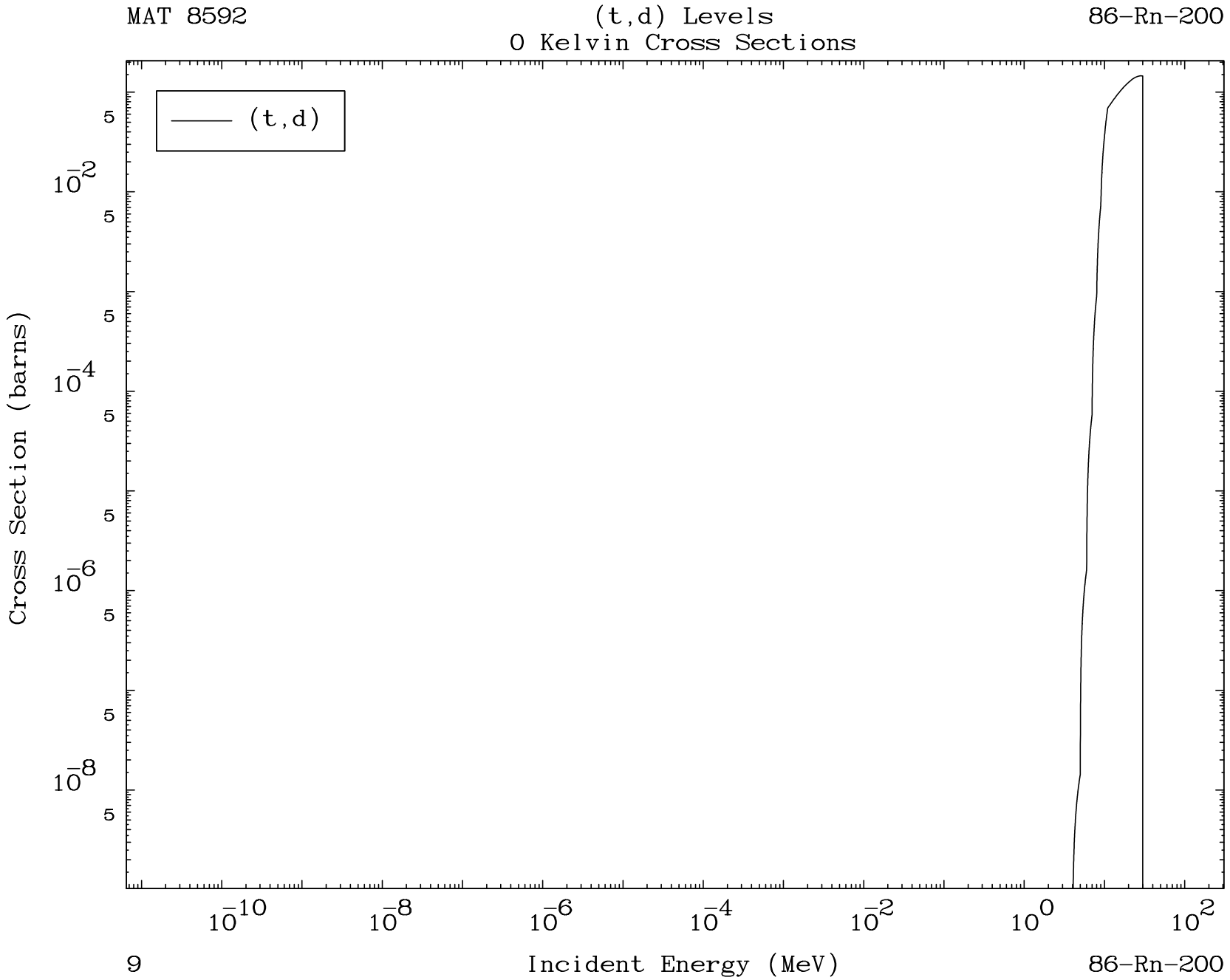

MAT 8592
Triton Charged Particle
0 Kelvin Cross Sections
86-Rn-200
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
(t,2n) 2α
(t,n') d
(t,n') t
Cross Section (barns)
Incident Energy (MeV)
86-Rn-200
4

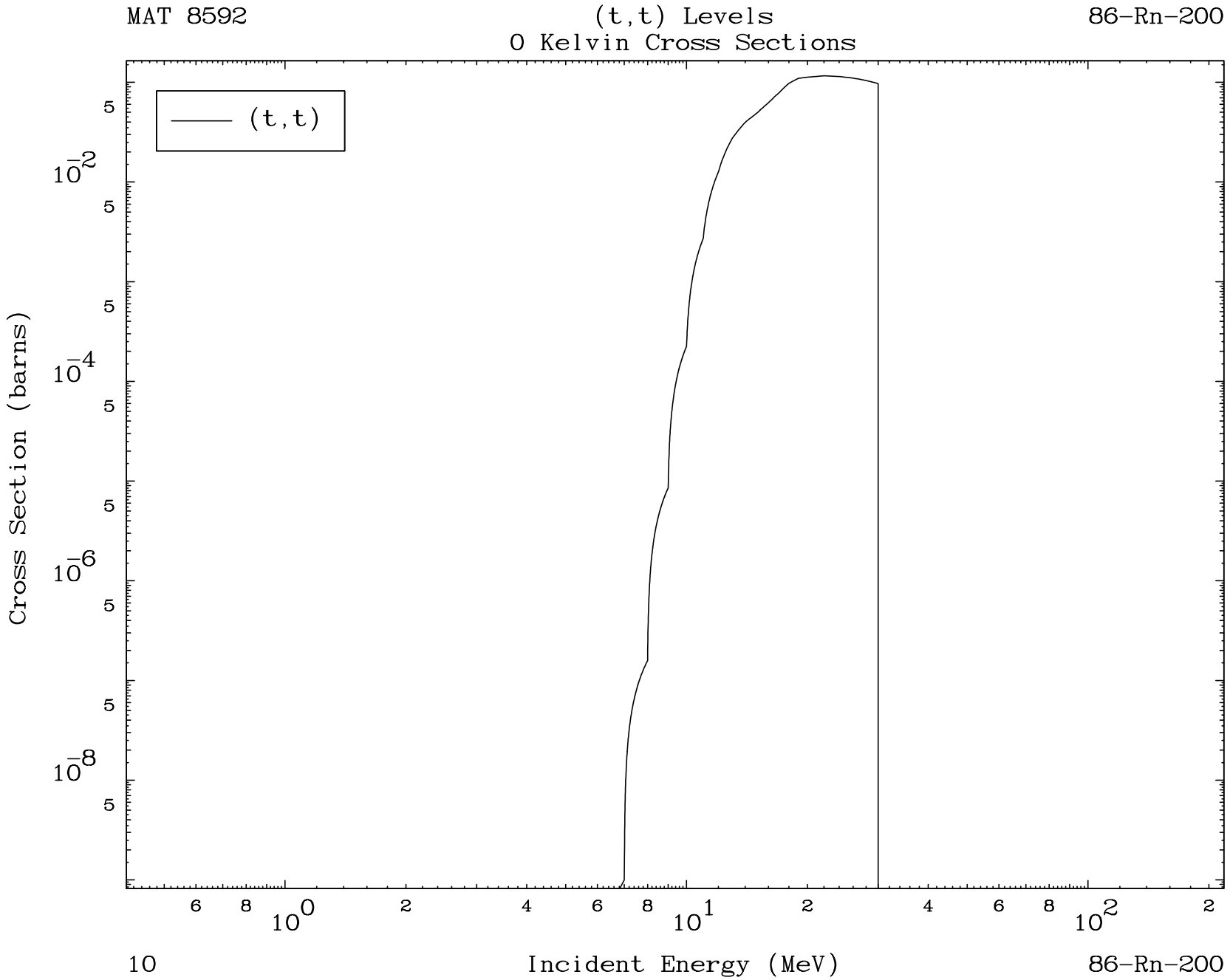

MAT 8592
Triton Charged Particle
0 Kelvin Cross Sections
86-Rn-200
(t,n') He-3
(t,2n) p
(t,3n) p
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
Cross Section (barns)
Incident Energy (MeV)
86-Rn-200

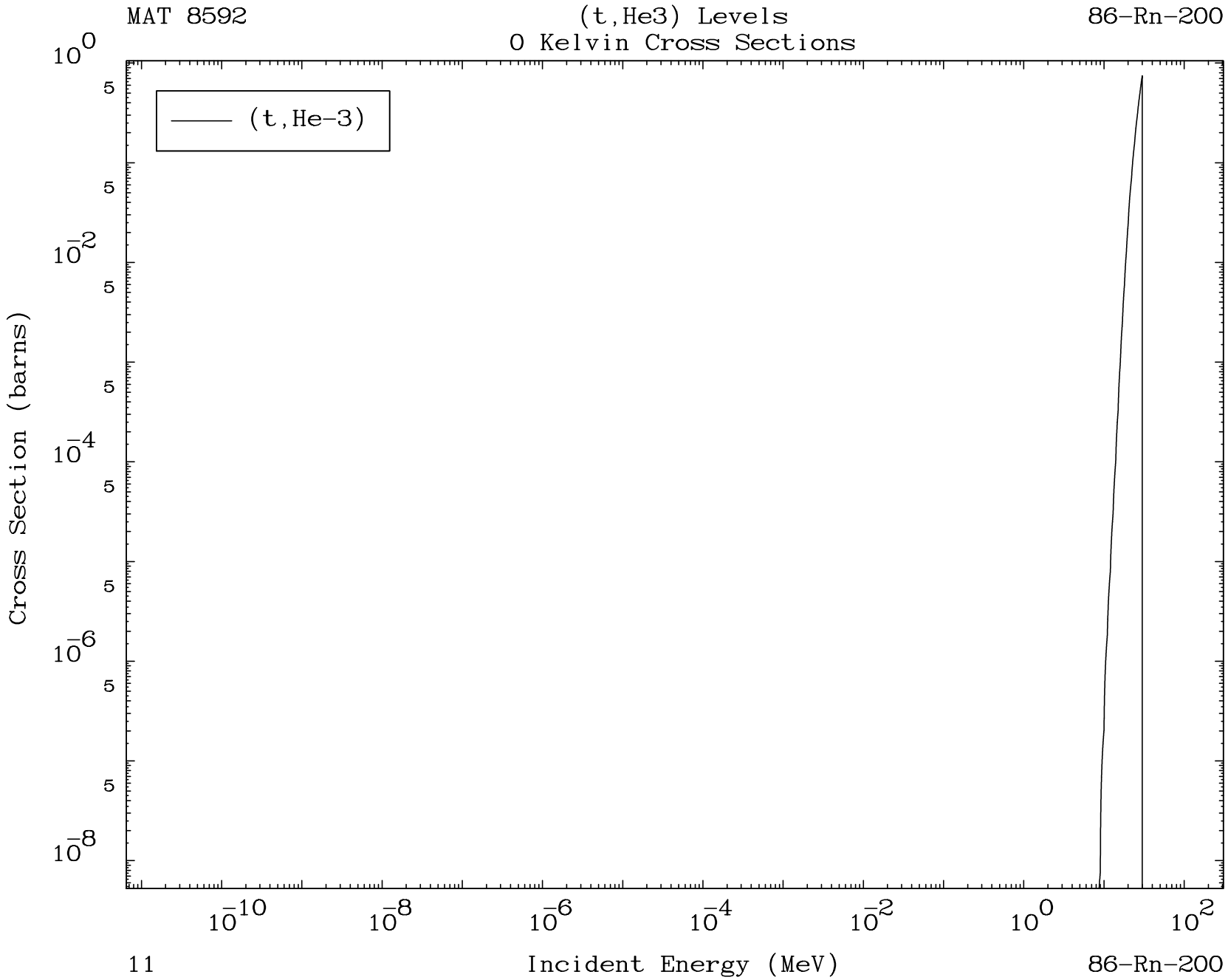

MAT 8592
Triton Charged Particle
0 Kelvin Cross Sections
86-Rn-200
(t,2α)
(t,3α)
(t,2p)
(t,p) α
(t,t) 2α
(t,p) d
(t,p) t
Cross Section (barns)
Incident Energy (MeV)
86-Rn-200
6

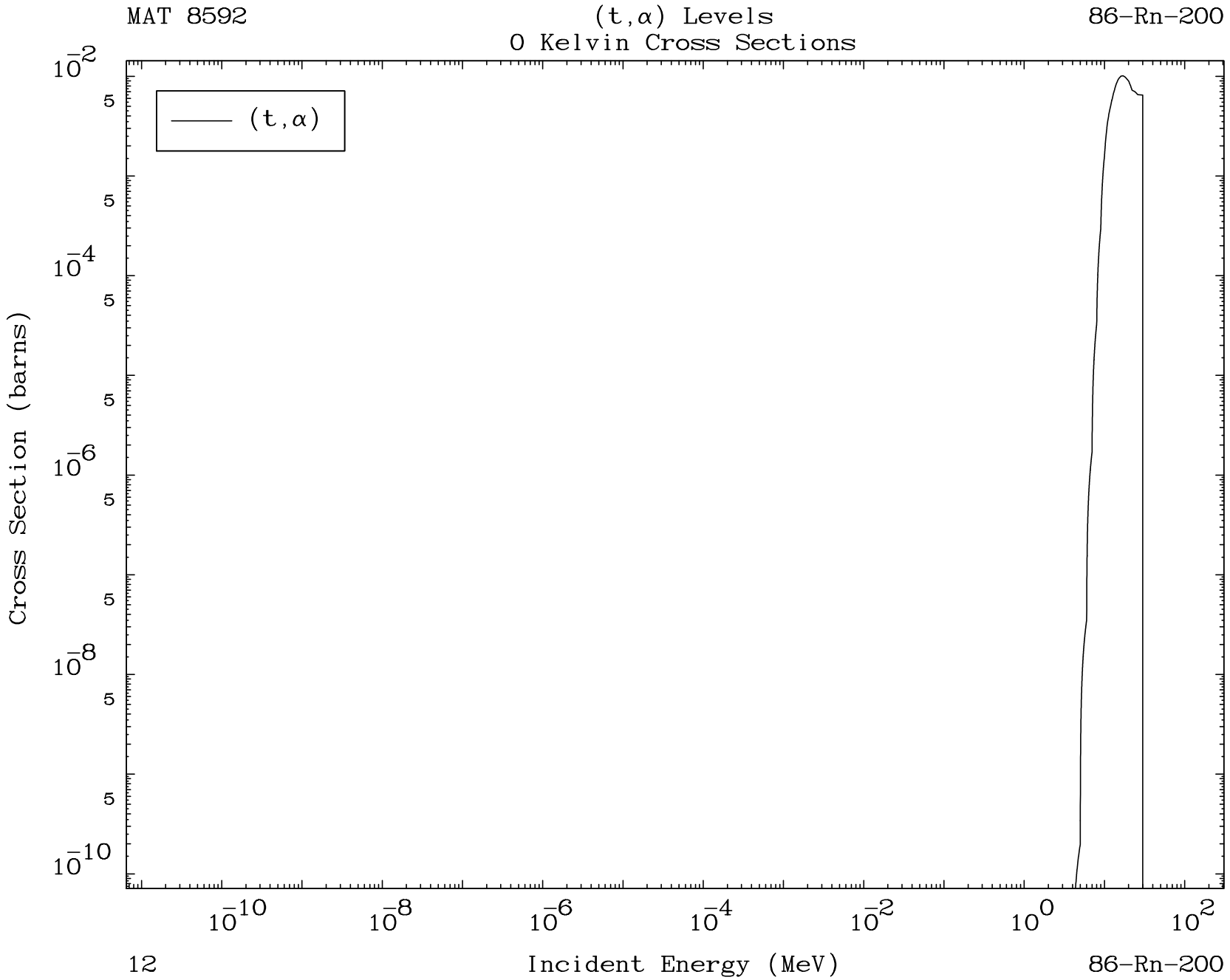

MAT 8592
(t,n') Level
86-Rn-200
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4 6 8 100 2 4 6 8 101 2 4 6 8 102 2
Incident Energy (MeV)
7
86-Rn-200

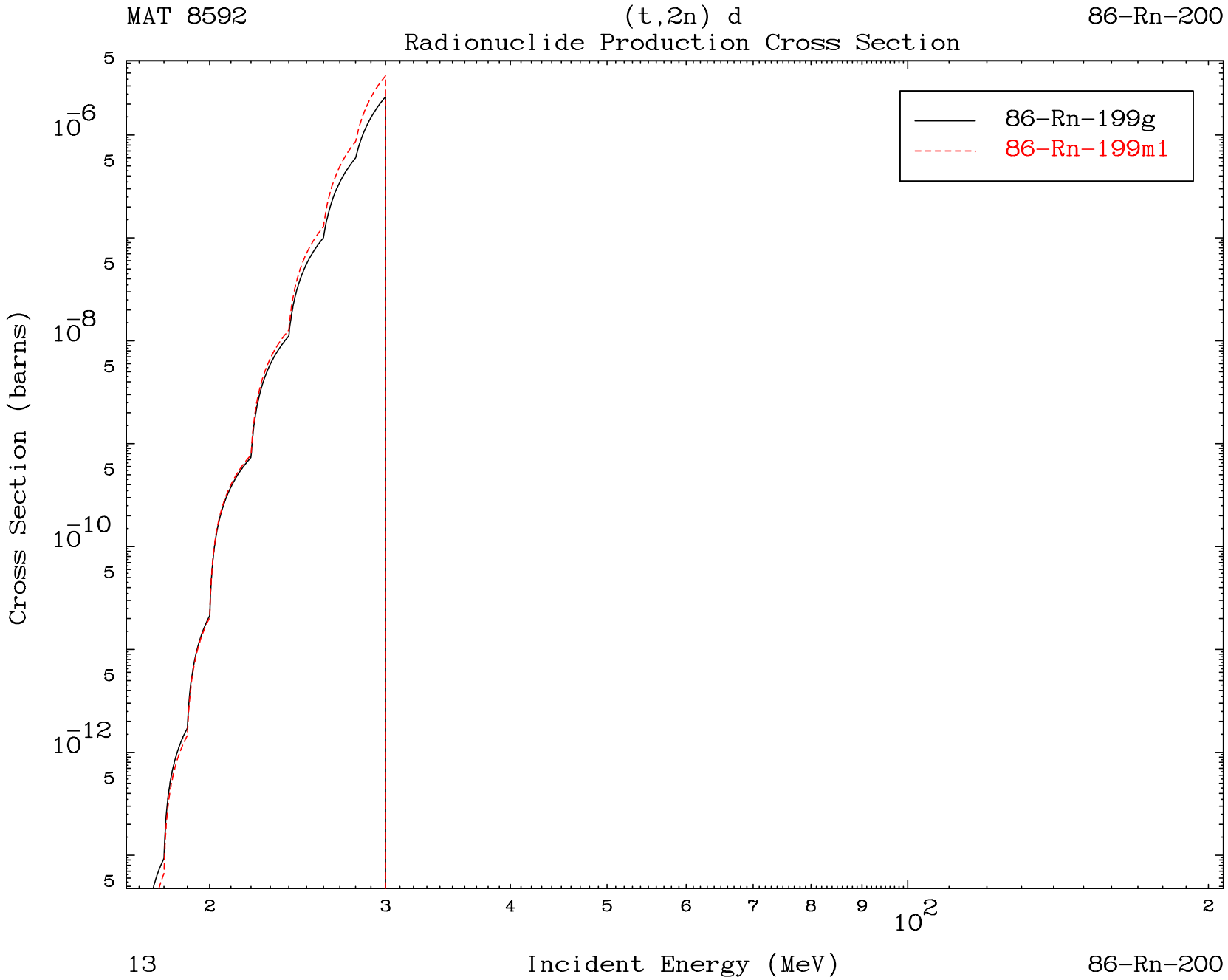

MAT 8592
(t,p) Levels
86-Rn-200
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
8
86-Rn-200

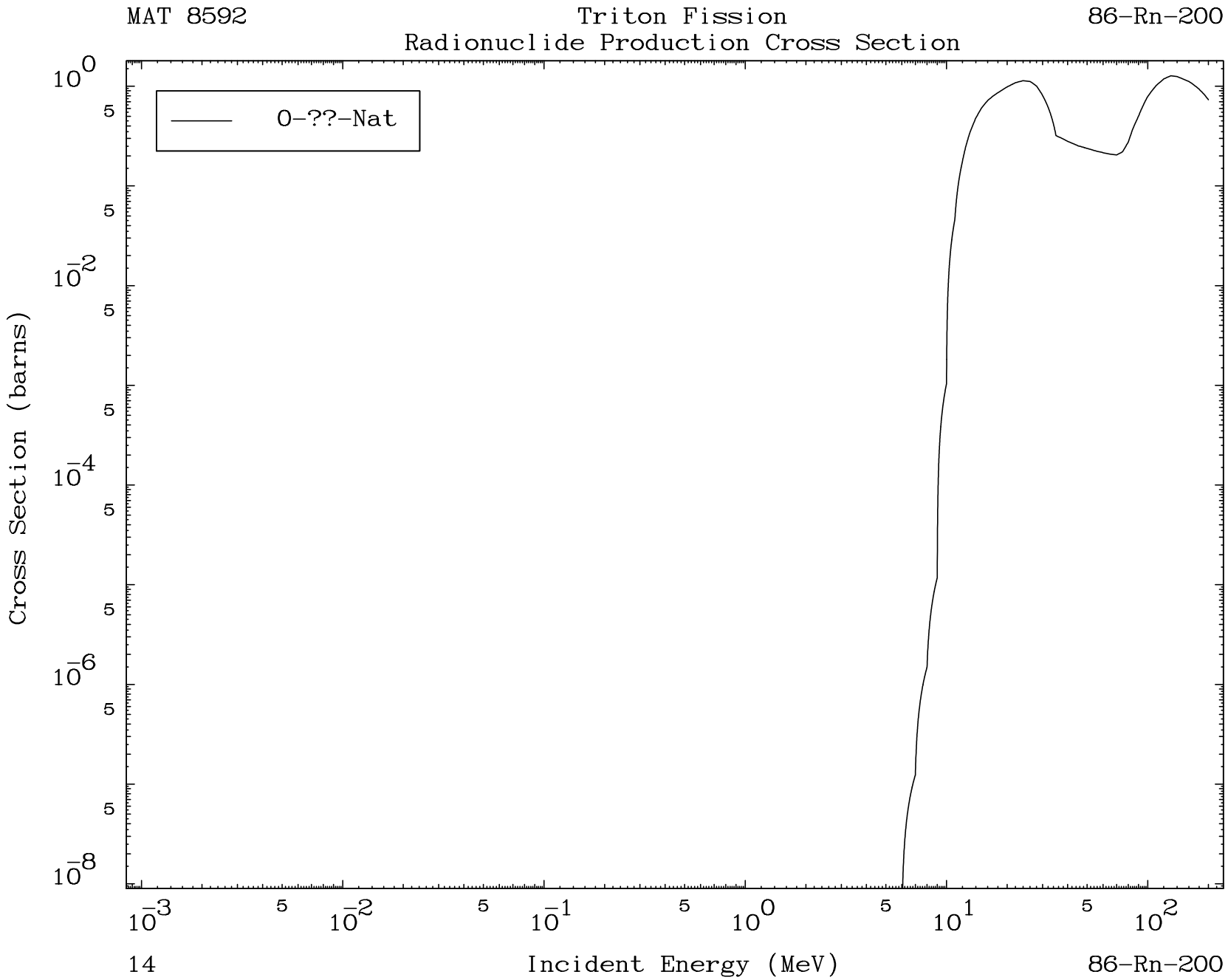

MAT 8592
(t,d) Levels
86-Rn-200
0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
9
86-Rn-200

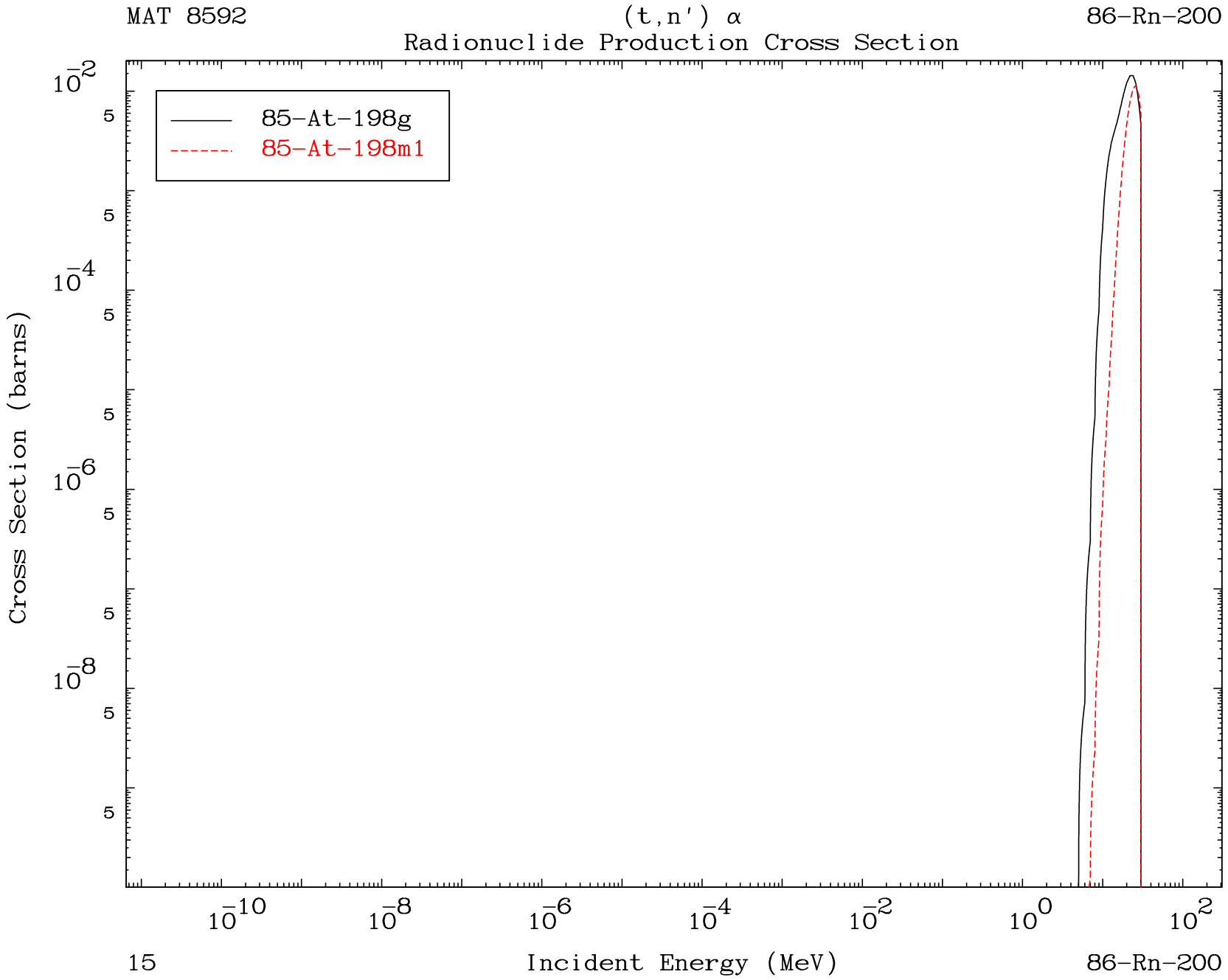

MAT 8592
(t,t) Levels
86-Rn-200
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
86-Rn-200

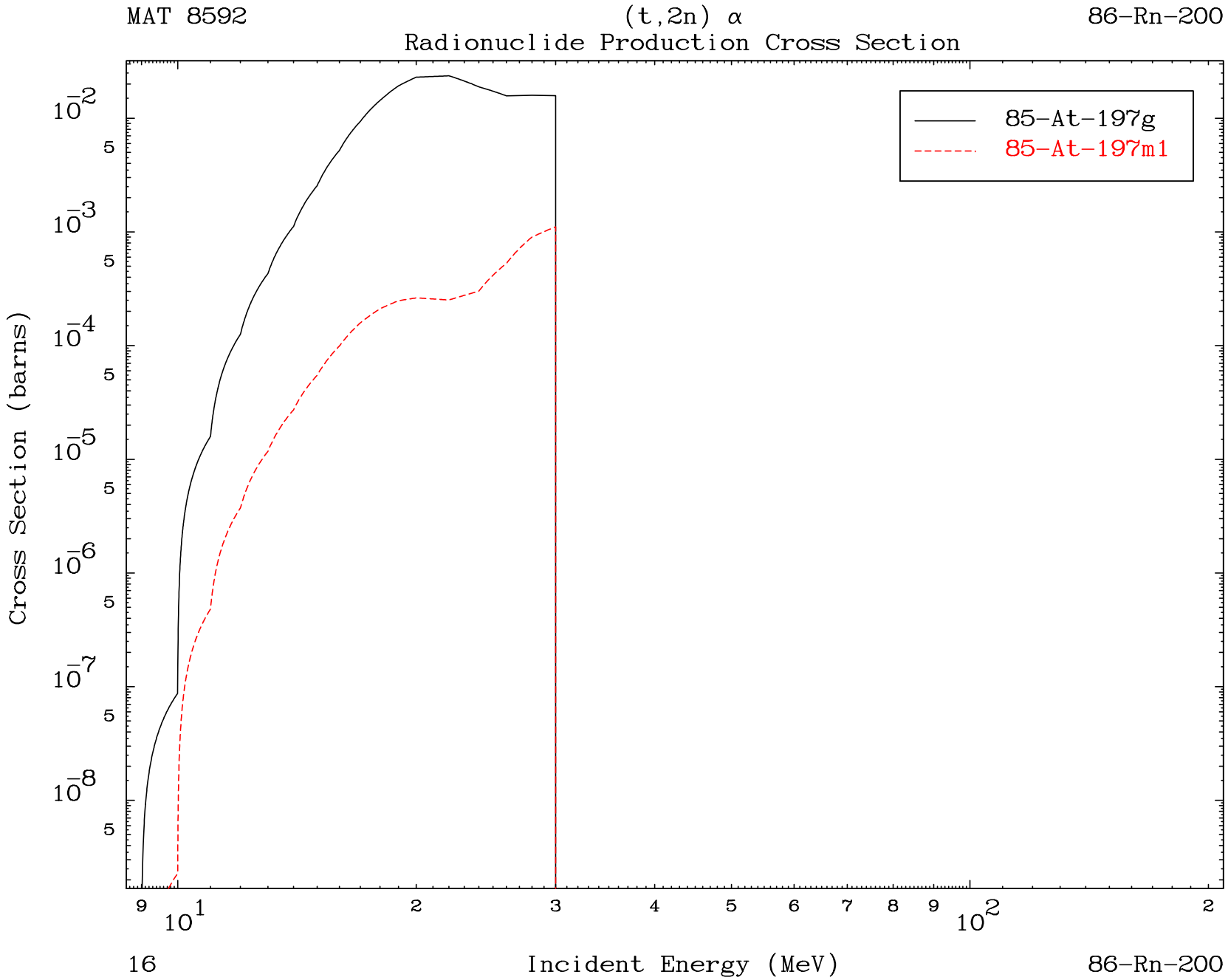

MAT 8592
(t,He3) Levels
86-Rn-200
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
86-Rn-200

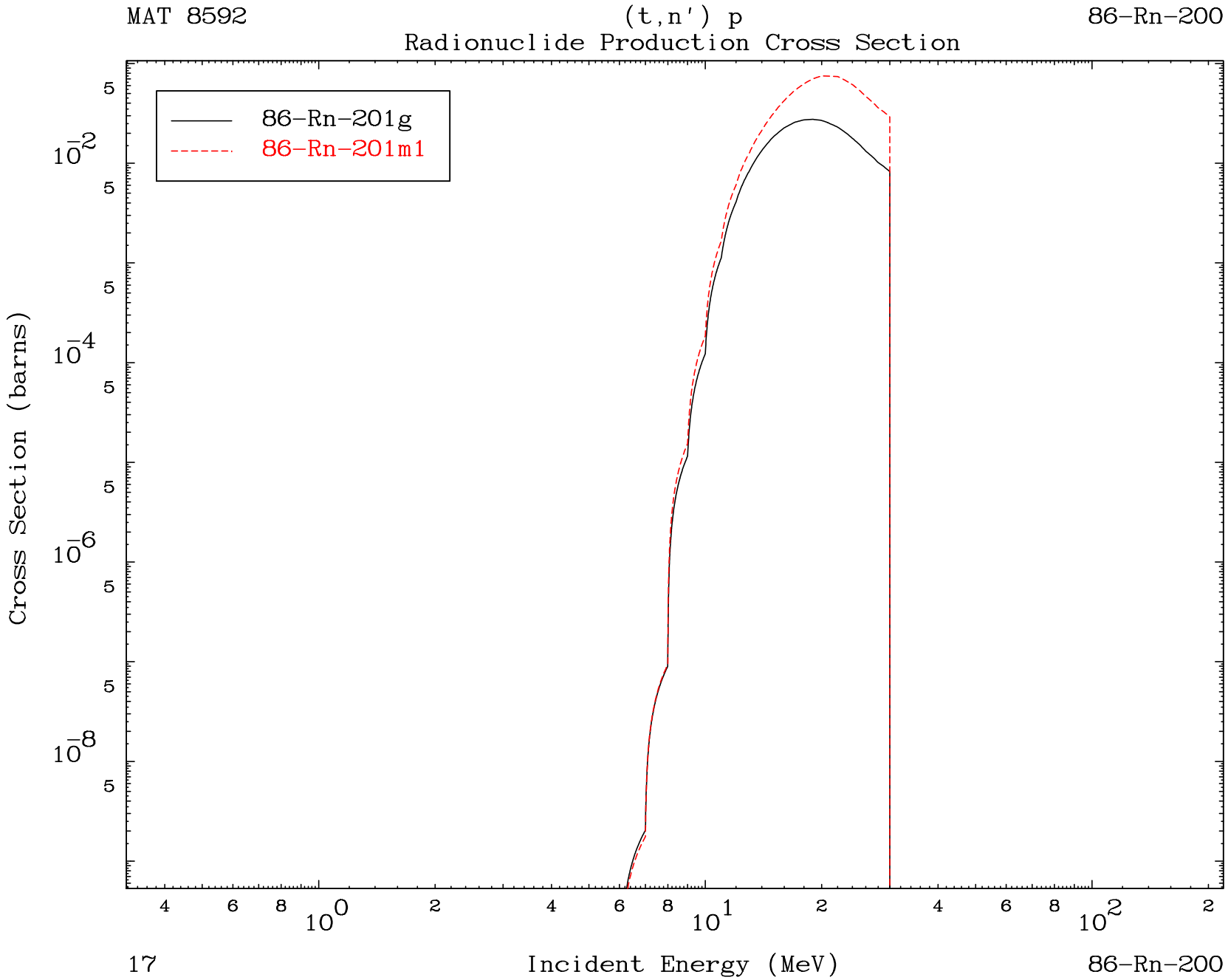

MAT 8592
(t,α) Levels
86-Rn-200
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
Incident Energy (MeV)
12
86-Rn-200

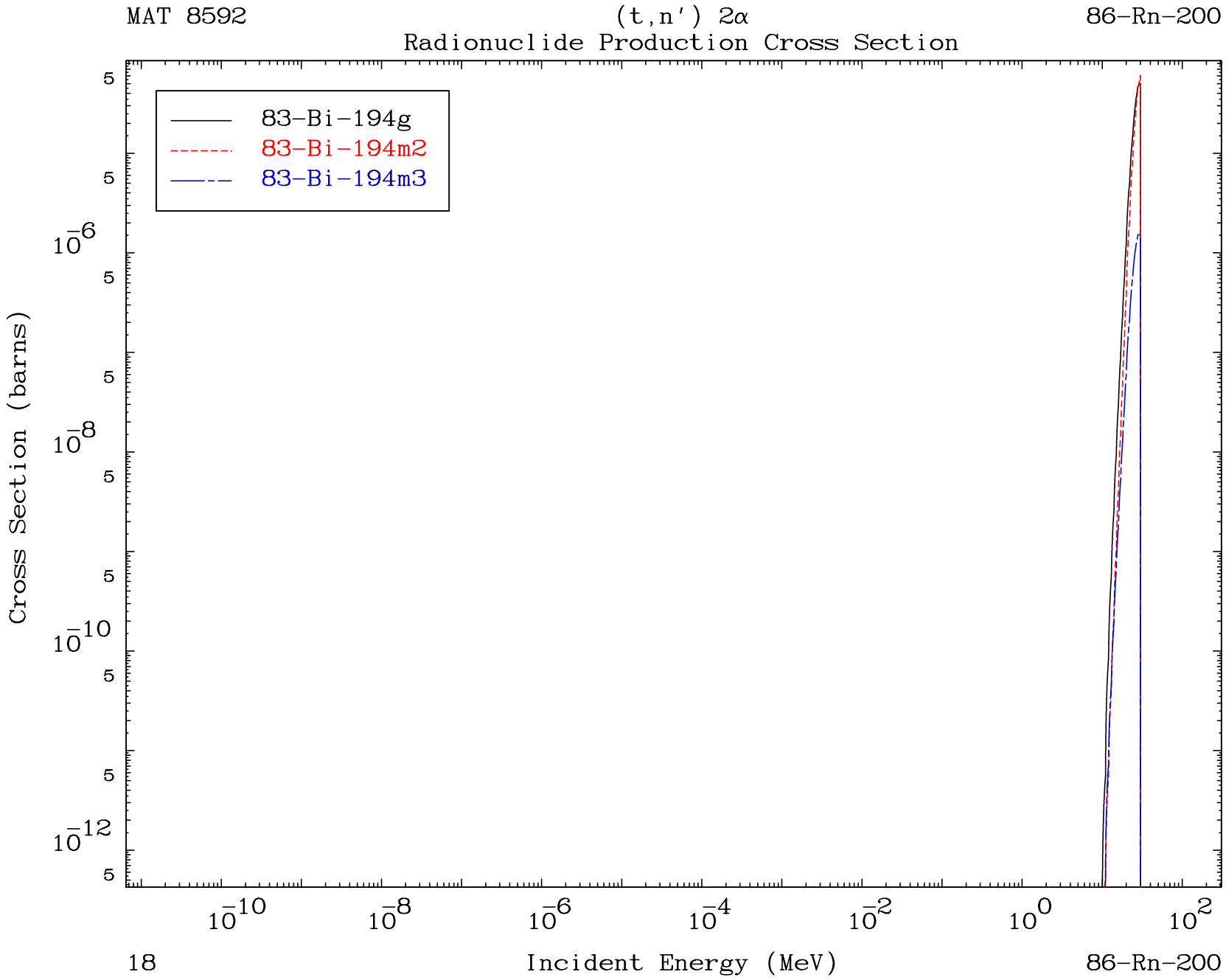

MAT 8592
(t,2n) d
86-Rn-200
Radionuclide Production Cross Section
86-Rn-199g
86-Rn-199m1
Cross Section (barns)
Incident Energy (MeV)
13
86-Rn-200

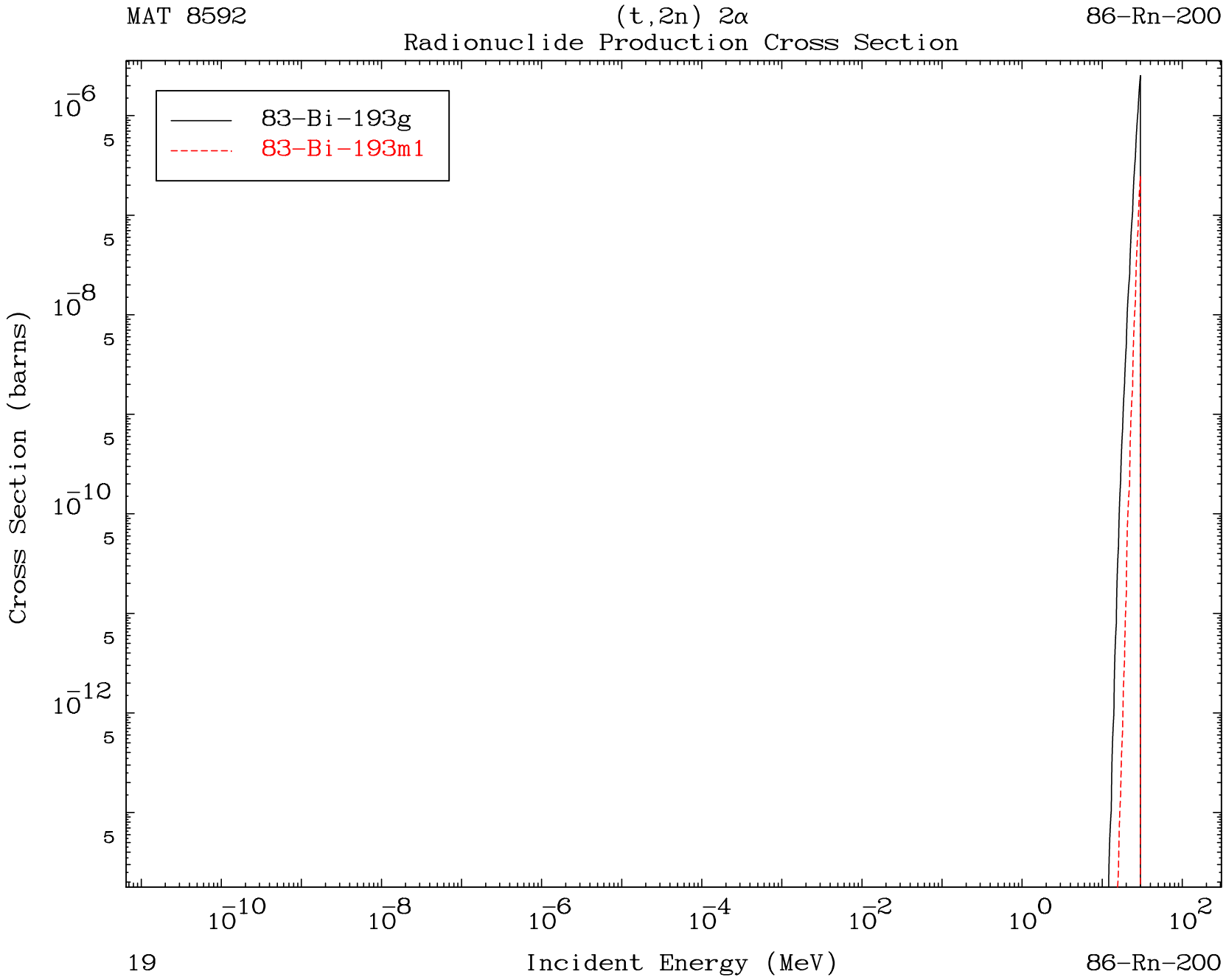

MAT 8592
Triton Fission
86-Rn-200
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
14
86-Rn-200

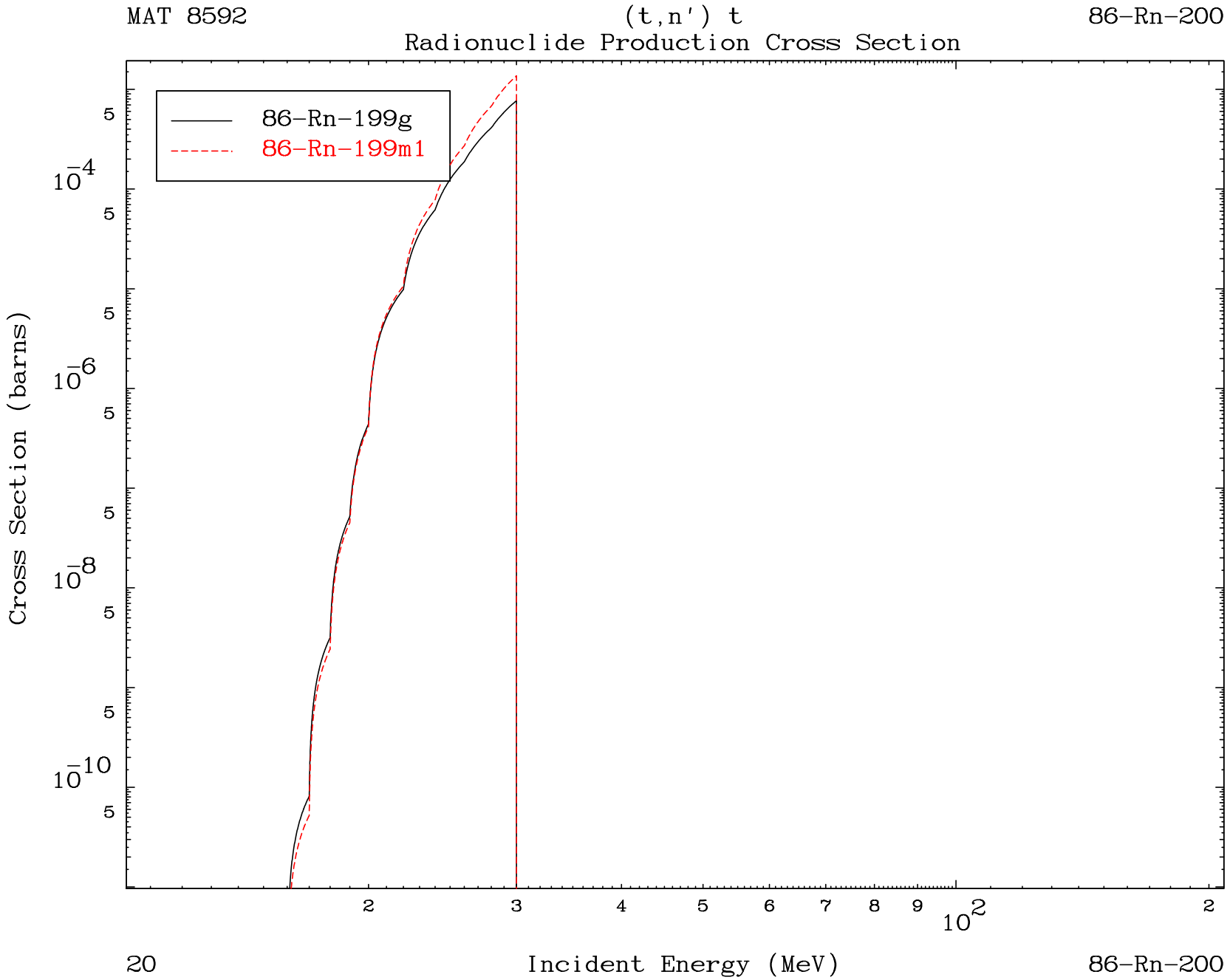

MAT 8592
(t,n') α
86-Rn-200
Radionuclide Production Cross Section
85-At-198g
85-At-198m1
Cross Section (barns)
Incident Energy (MeV)
15
86-Rn-200

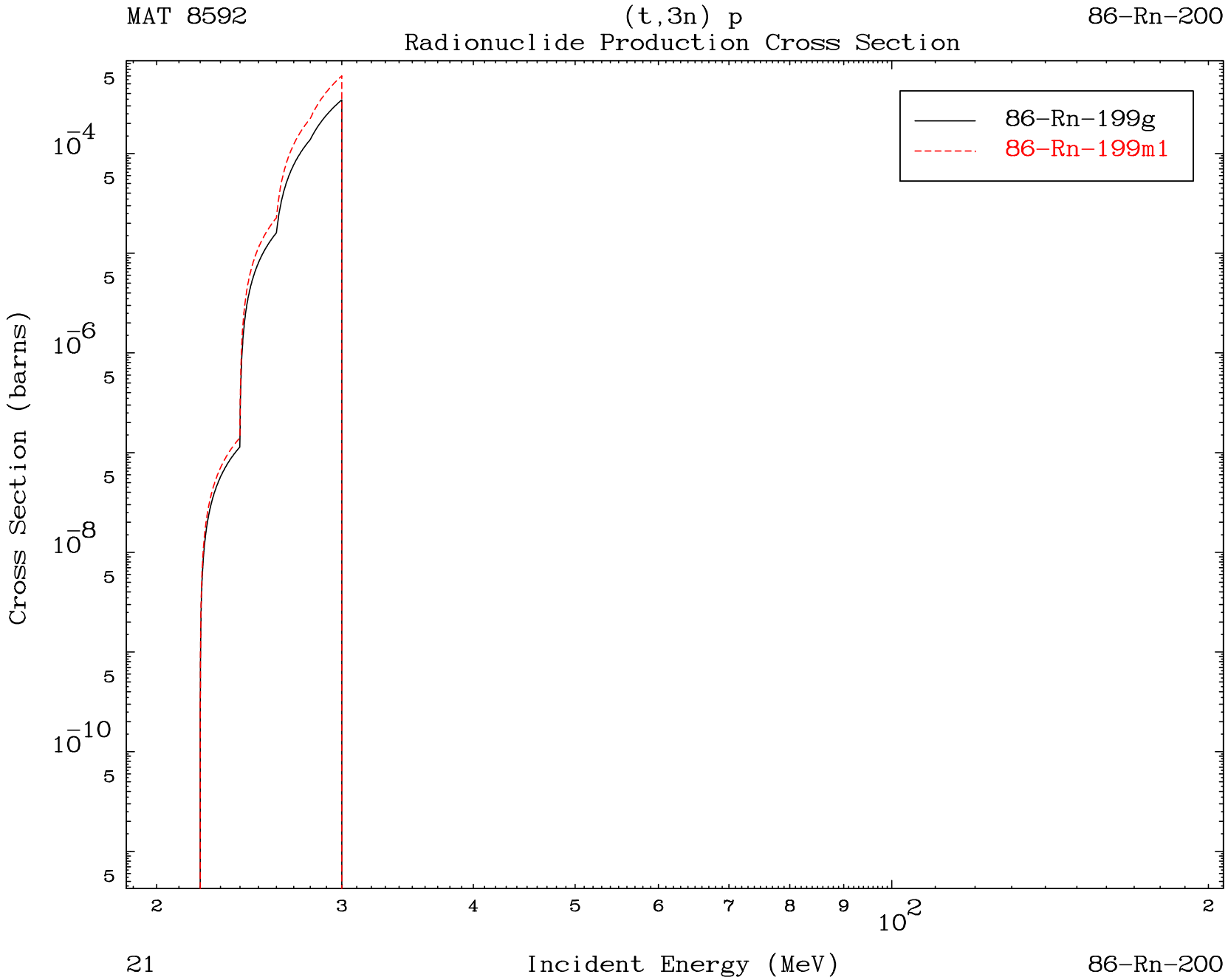

MAT 8592
(t,2n) α
86-Rn-200
Radionuclide Production Cross Section
85-At-197g
85-At-197m1
Cross Section (barns)
Incident Energy (MeV)
16
86-Rn-200

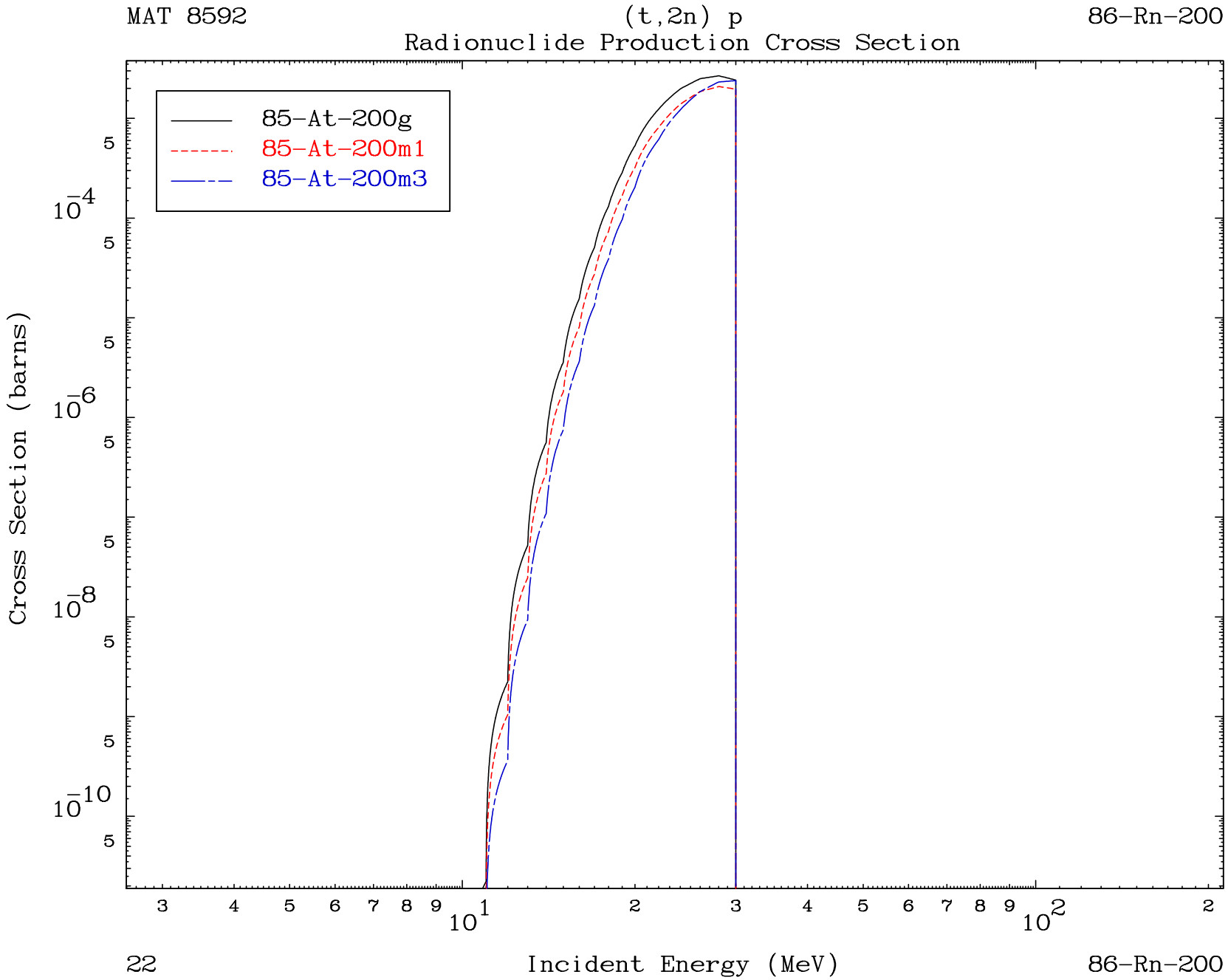

MAT 8592
(t,n') p
86-Rn-200
Radionuclide Production Cross Section
86-Rn-201g
86-Rn-201m1
Cross Section (barns)
Incident Energy (MeV)
17
86-Rn-200

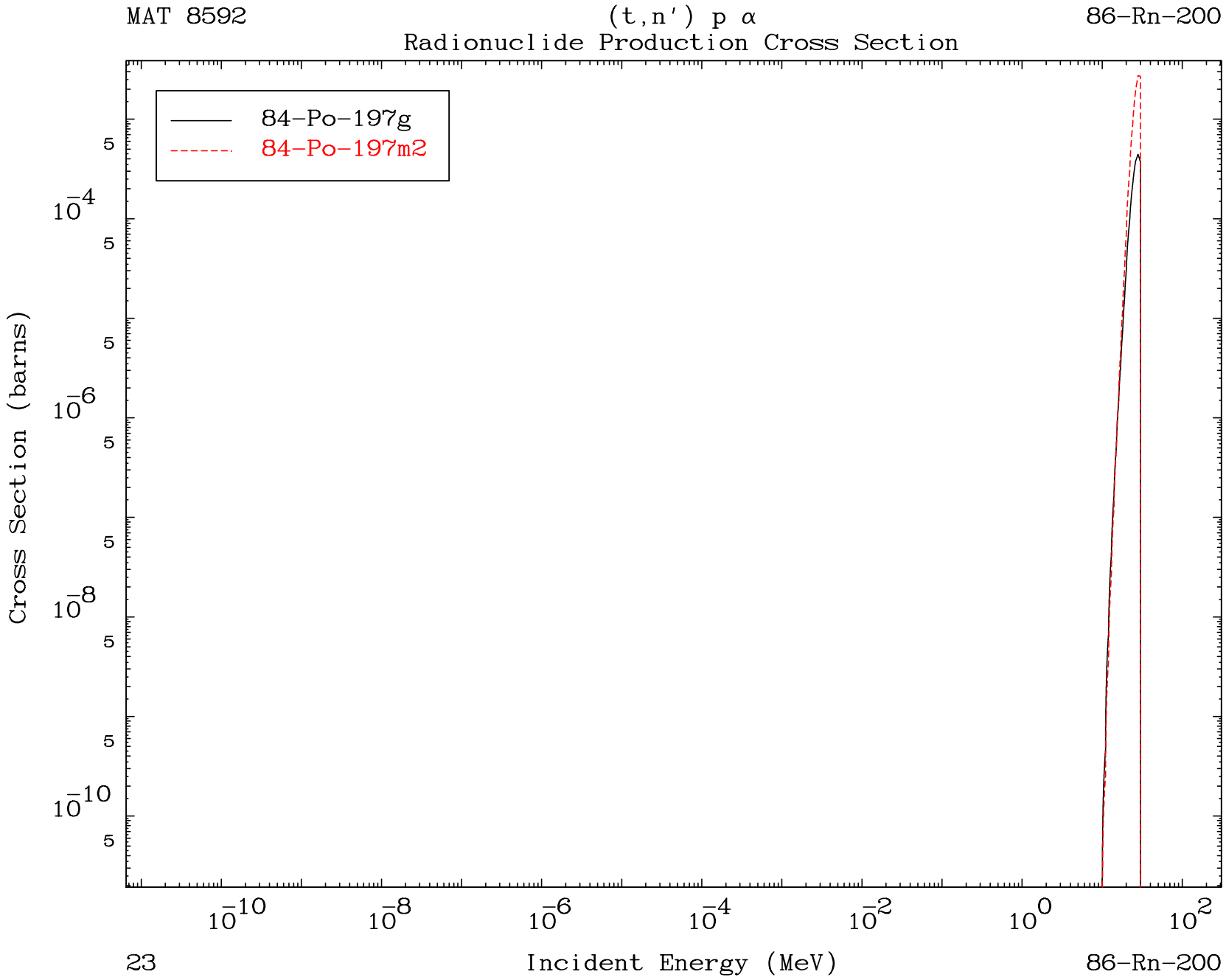

MAT 8592
(t,n') 2α
86-Rn-200
Radionuclide Production Cross Section
83-Bi-194g
83-Bi-194m2
83-Bi-194m3
Cross Section (barns)
Incident Energy (MeV)
18
86-Rn-200

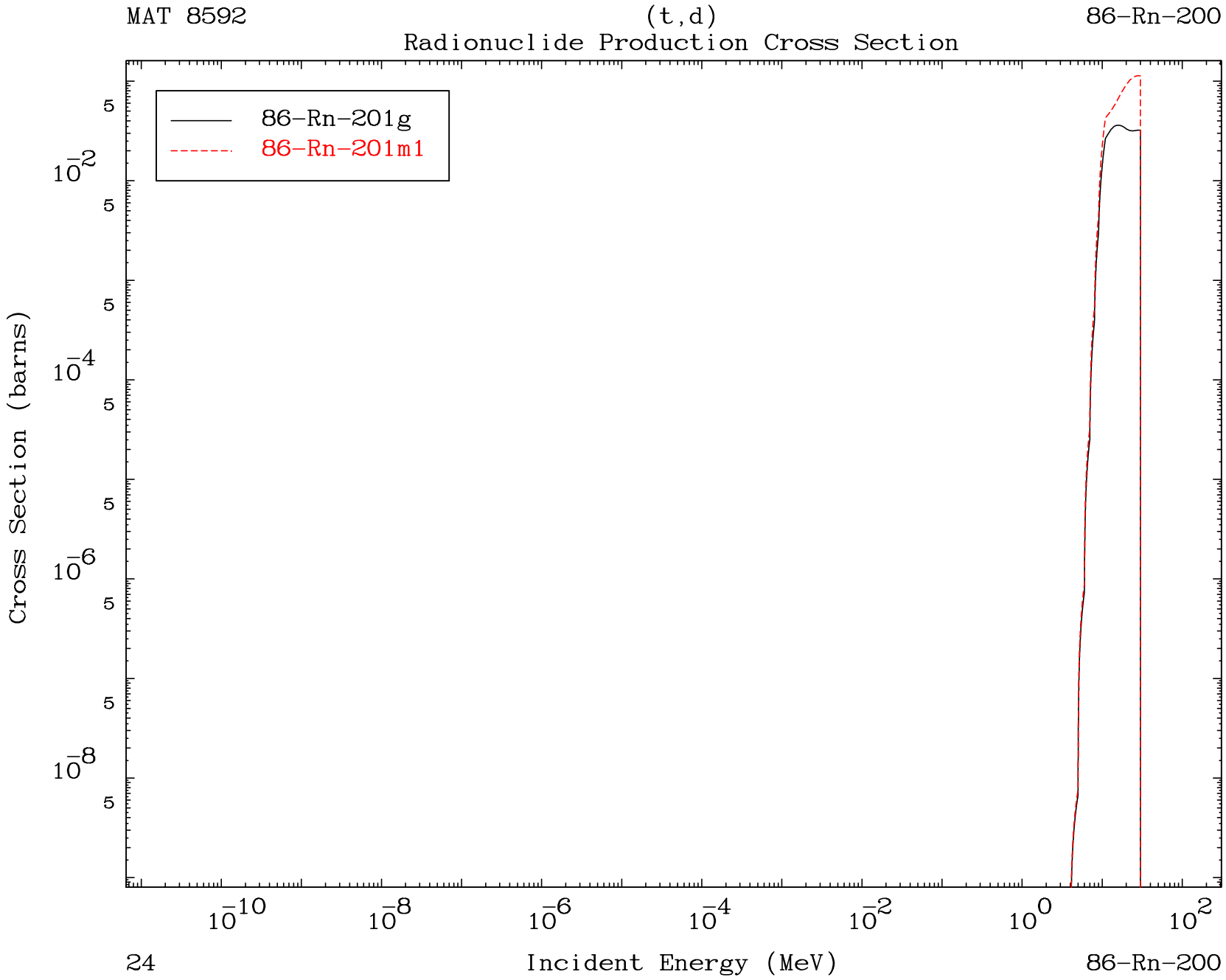

MAT 8592
(t,2n) 2α
86-Rn-200
Radionuclide Production Cross Section
83-Bi-193g
83-Bi-193m1
Cross Section (barns)
Incident Energy (MeV)
19
86-Rn-200

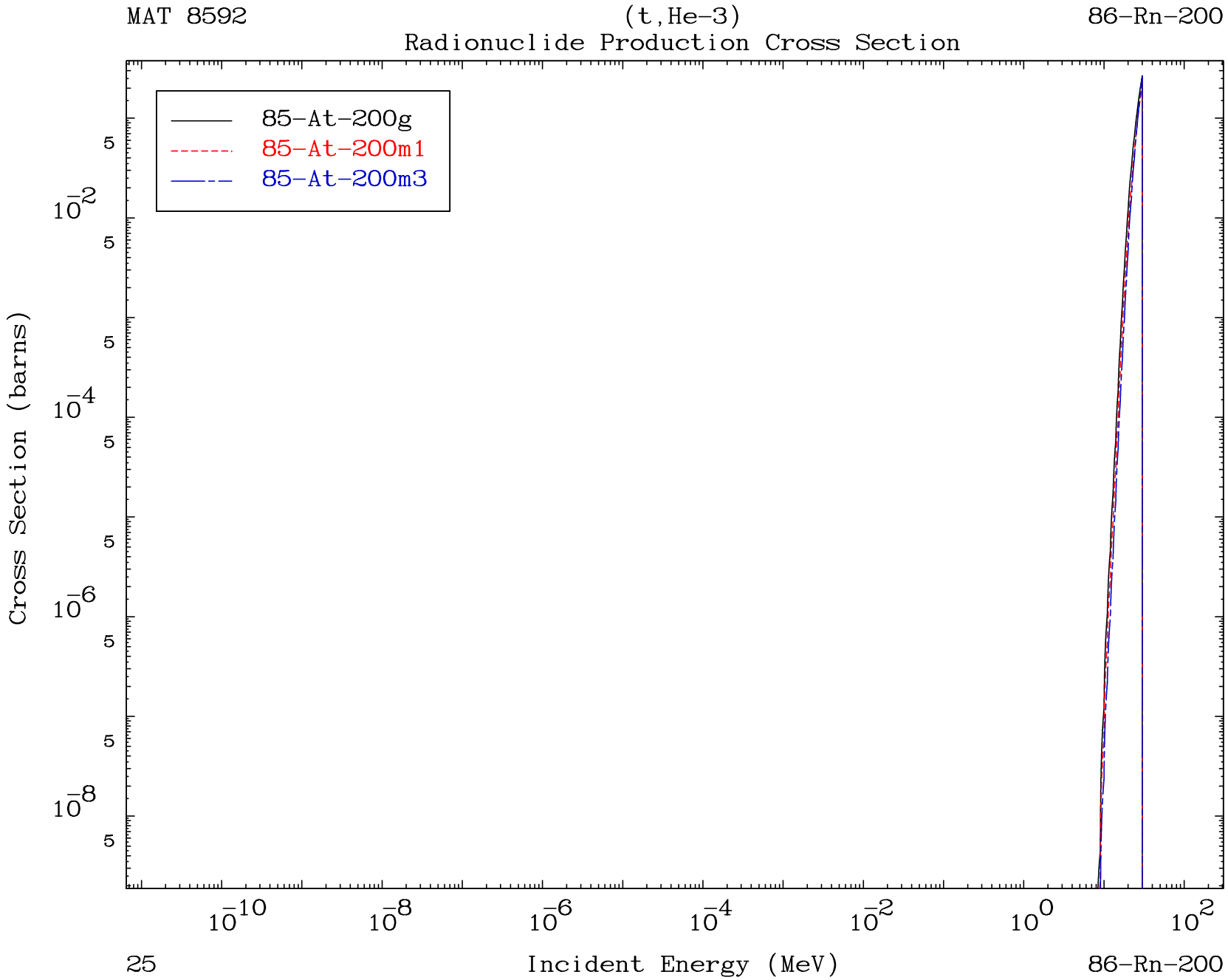

MAT 8592
(t,n') t
86-Rn-200
Radionuclide Production Cross Section
86-Rn-199g
86-Rn-199m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
20
Incident Energy (MeV)
86-Rn-200

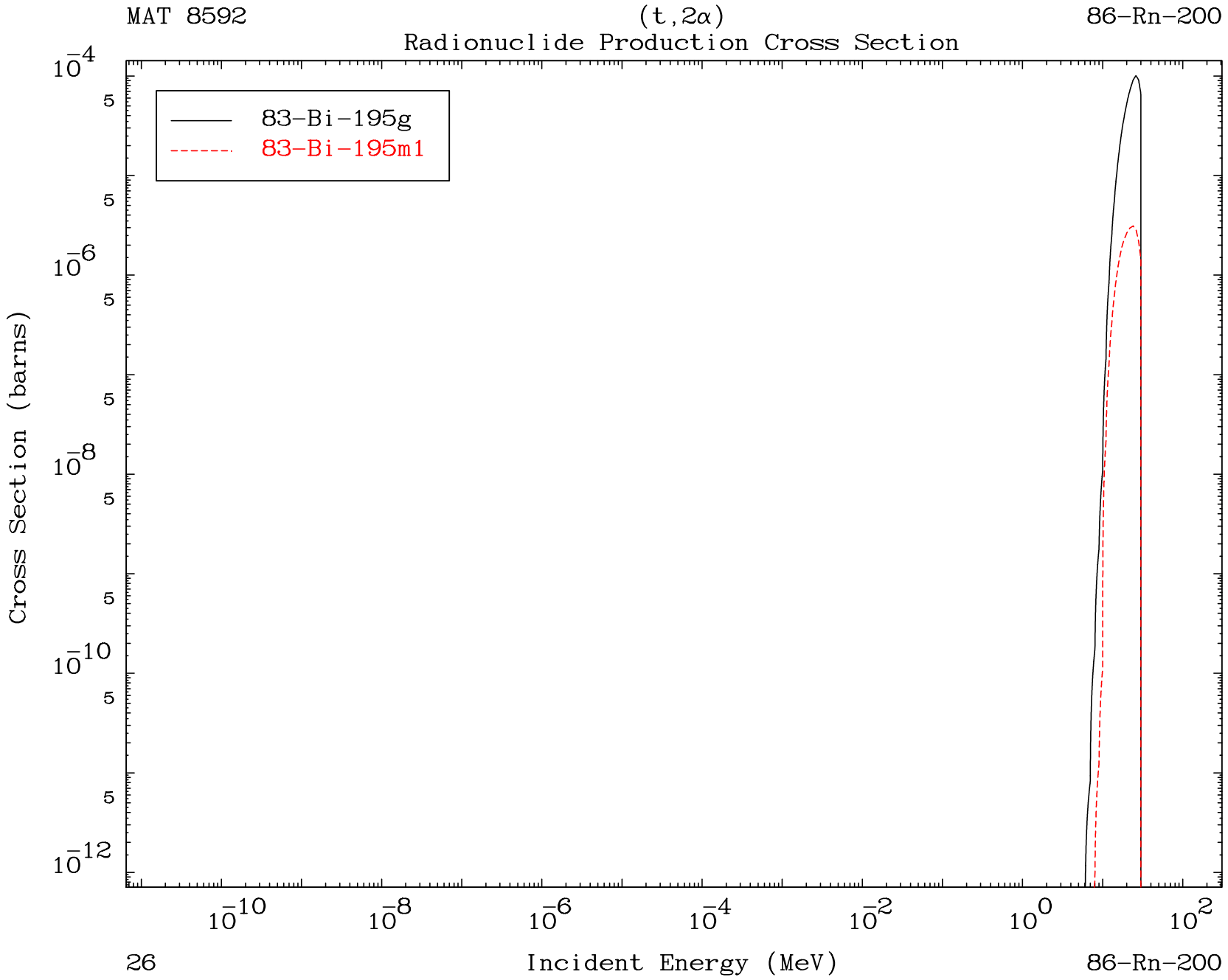

MAT 8592
(t,3n) p
86-Rn-200
Radionuclide Production Cross Section
86-Rn-199g
86-Rn-199m1
Cross Section (barns)
Incident Energy (MeV)
21
86-Rn-200

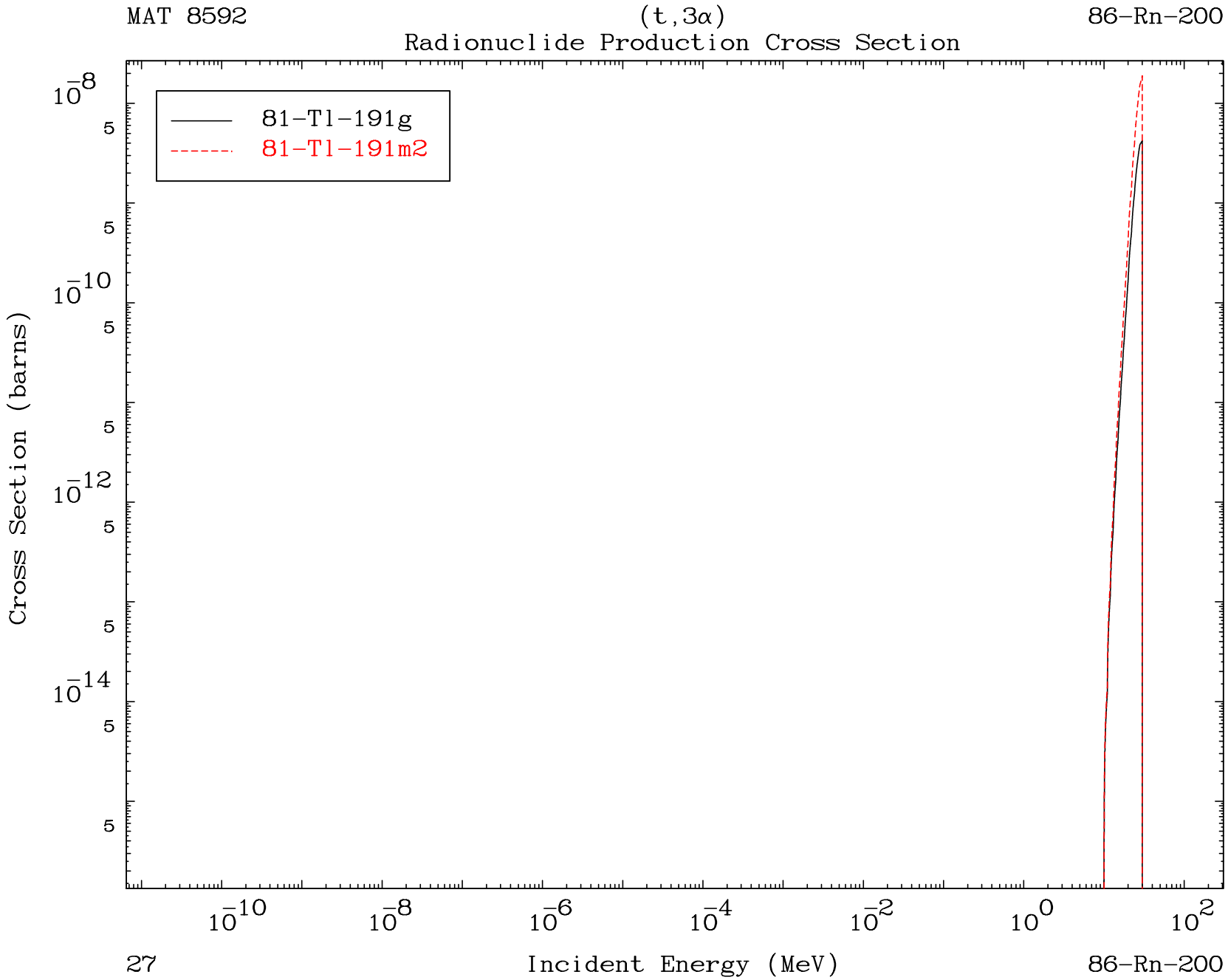

MAT 8592
(t,2n) p
86-Rn-200
Radionuclide Production Cross Section
85-At-200g
85-At-200m1
85-At-200m3
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
22
86-Rn-200

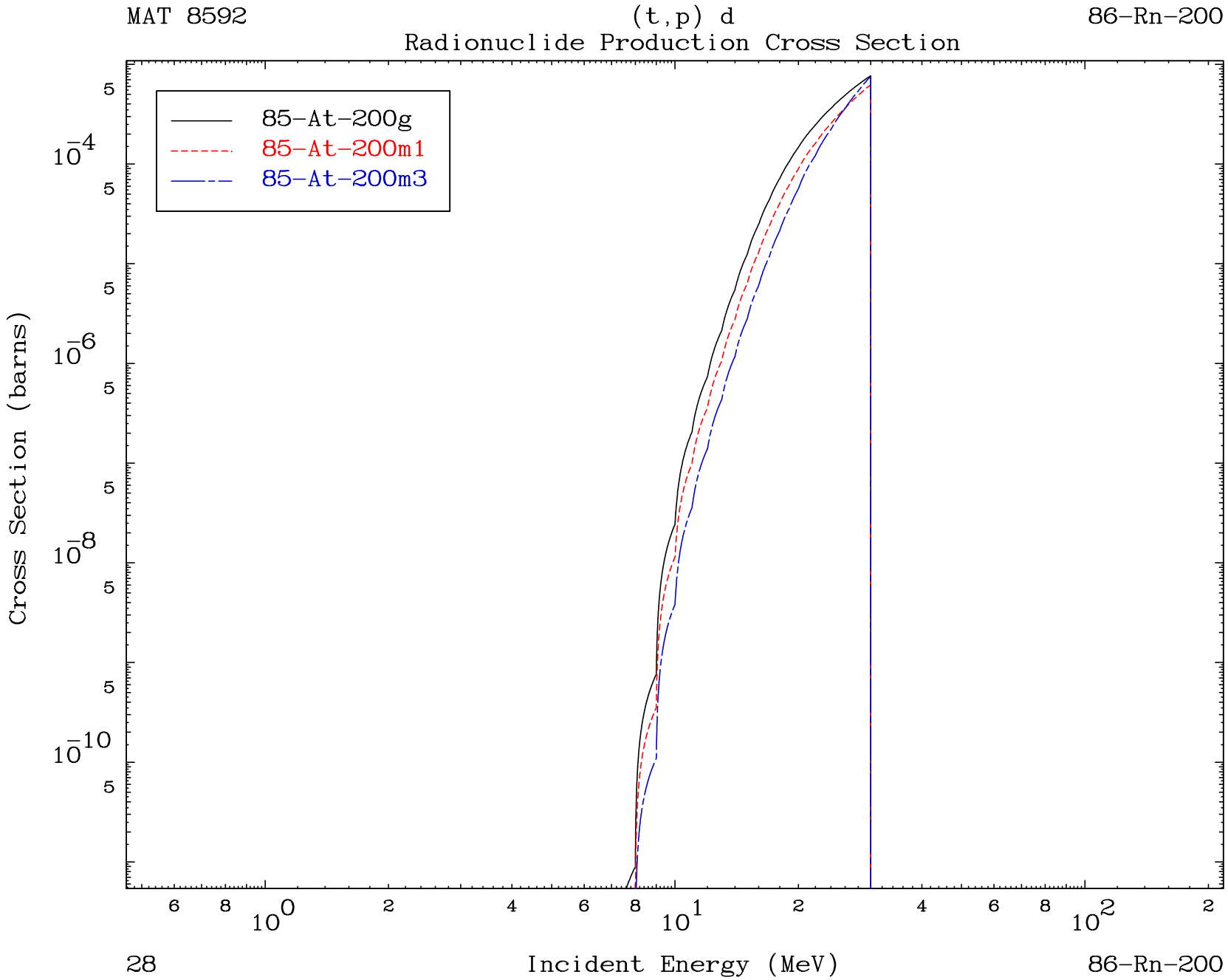

MAT 8592
(t,n') p α
86-Rn-200
Radionuclide Production Cross Section
84-Po-197g
84-Po-197m2
Cross Section (barns)
Incident Energy (MeV)
23
86-Rn-200

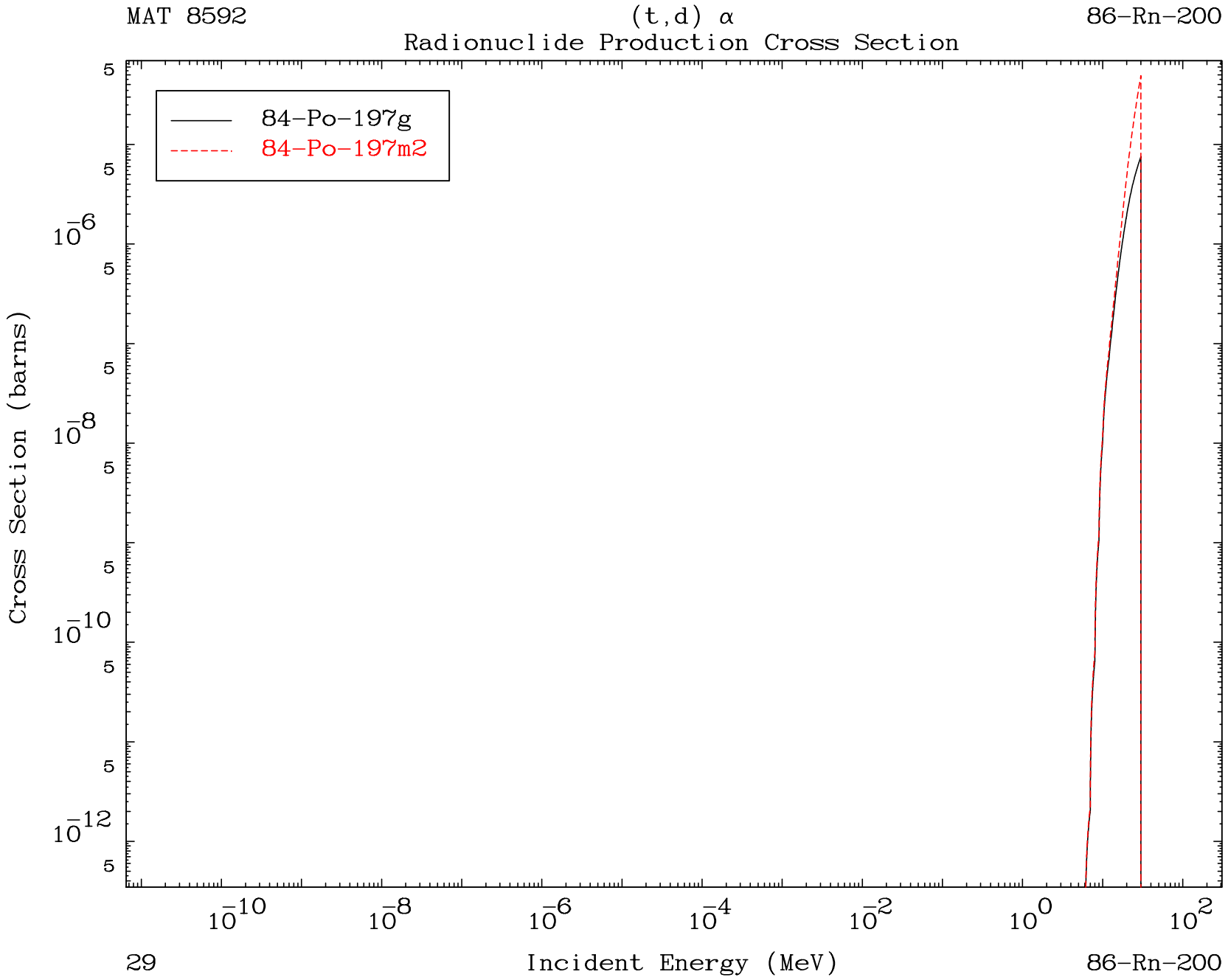

MAT 8592
(t,d)
86-Rn-200
Radionuclide Production Cross Section
86-Rn-201g
86-Rn-201m1
Cross Section (barns)
Incident Energy (MeV)
24
86-Rn-200


MAT 8592
(t,He-3)
86-Rn-200
Radionuclide Production Cross Section
85-At-200g
85-At-200m1
85-At-200m3
Cross Section (barns)
Incident Energy (MeV)
25
86-Rn-200


MAT 8592
(t,2α)
86-Rn-200
Radionuclide Production Cross Section
83-Bi-195g
83-Bi-195m1
Cross Section (barns)
Incident Energy (MeV)
26
86-Rn-200


MAT 8592
(t,3α)
86-Rn-200
Radionuclide Production Cross Section
81-Tl-191g
81-Tl-191m2
Cross Section (barns)
10-8
10-10
10-12
10-14
5
10-10
10-8
10-6
10-4
10-2
100
102
27
Incident Energy (MeV)
86-Rn-200


MAT 8592
(t,p) d
86-Rn-200
Radionuclide Production Cross Section
85-At-200g
85-At-200m1
85-At-200m3
Cross Section (barns)
Incident Energy (MeV)
28
86-Rn-200


MAT 8592
(t,d) α
86-Rn-200
Radionuclide Production Cross Section
84-Po-197g
84-Po-197m2
Cross Section (barns)
Incident Energy (MeV)
29
86-Rn-200