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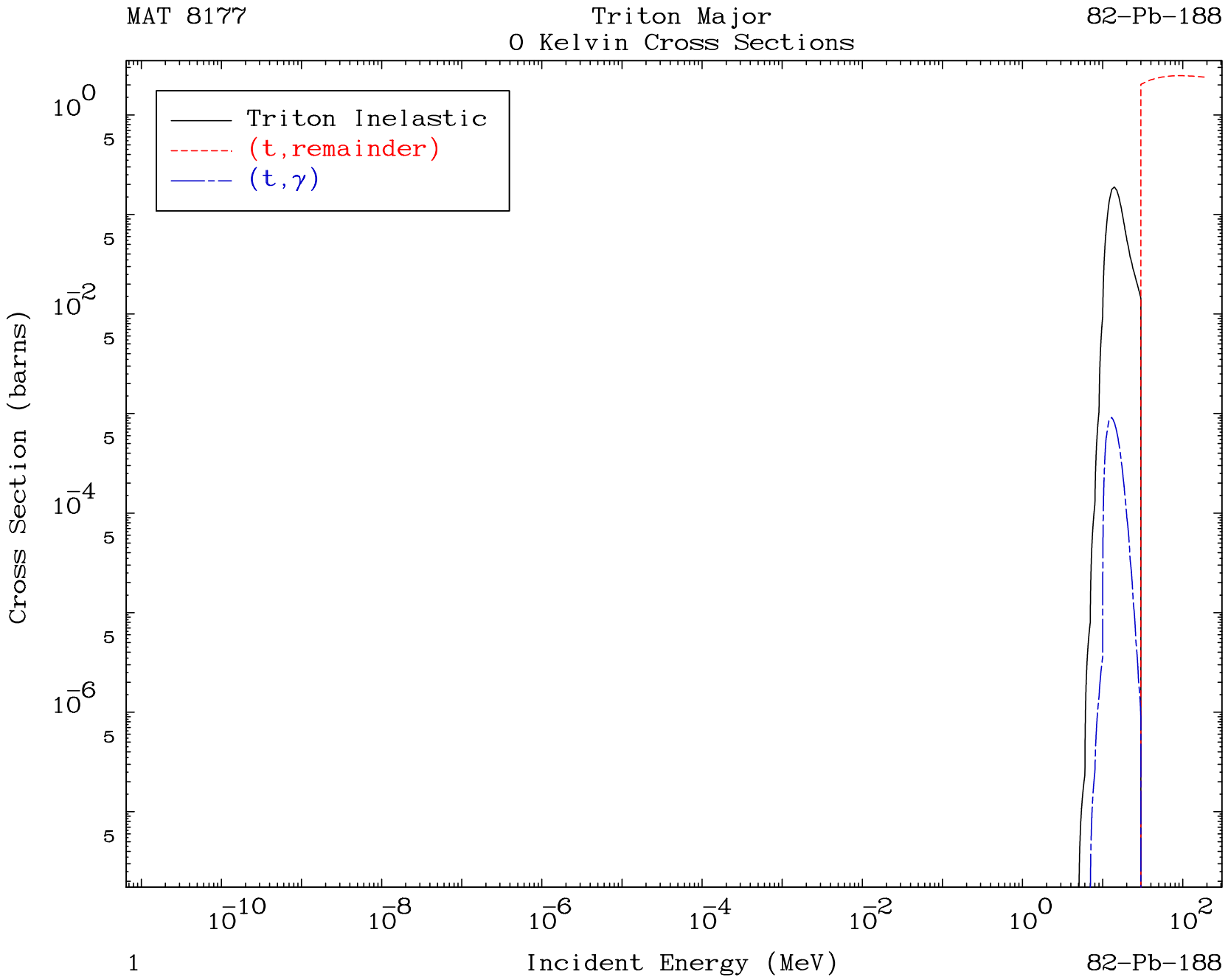
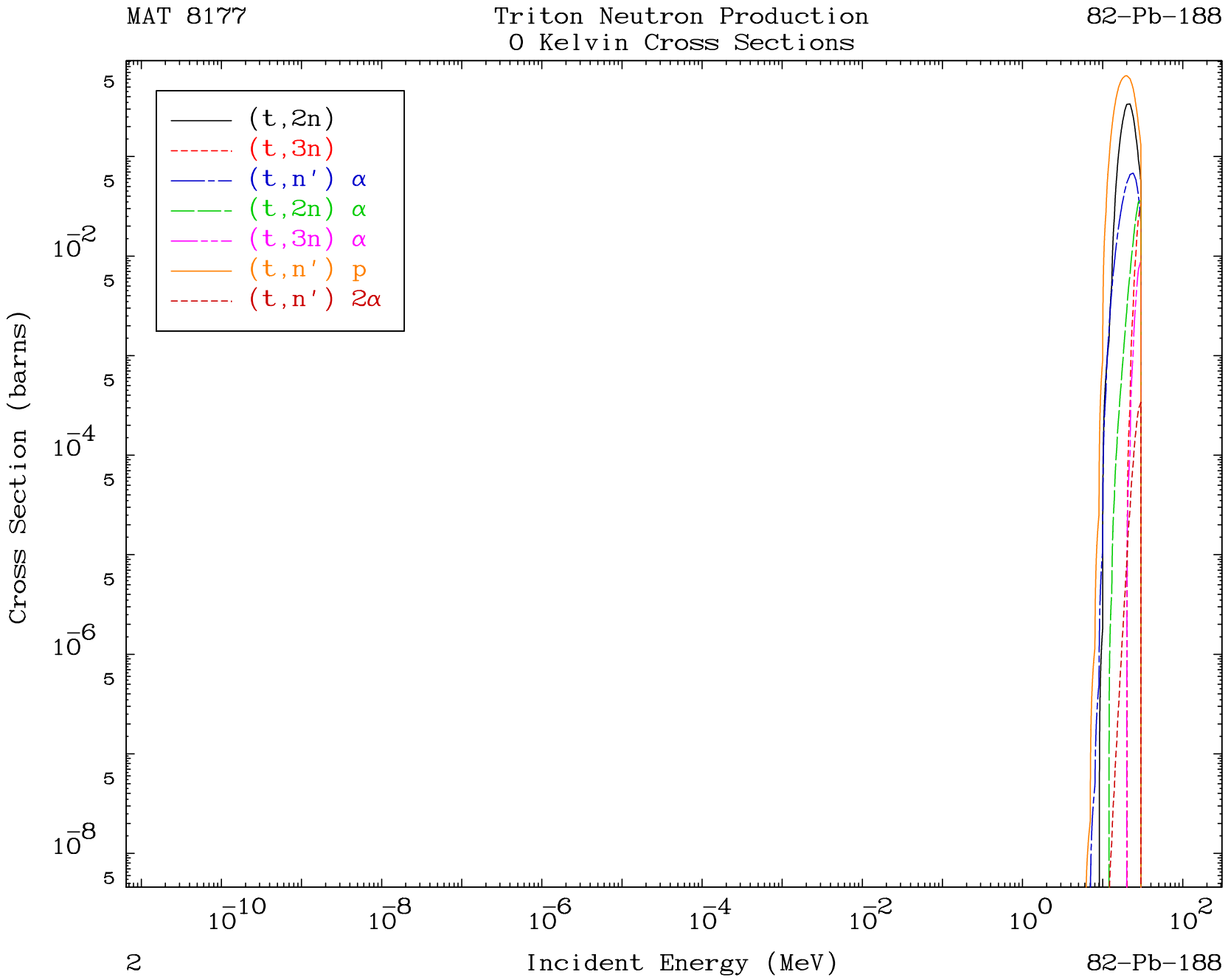
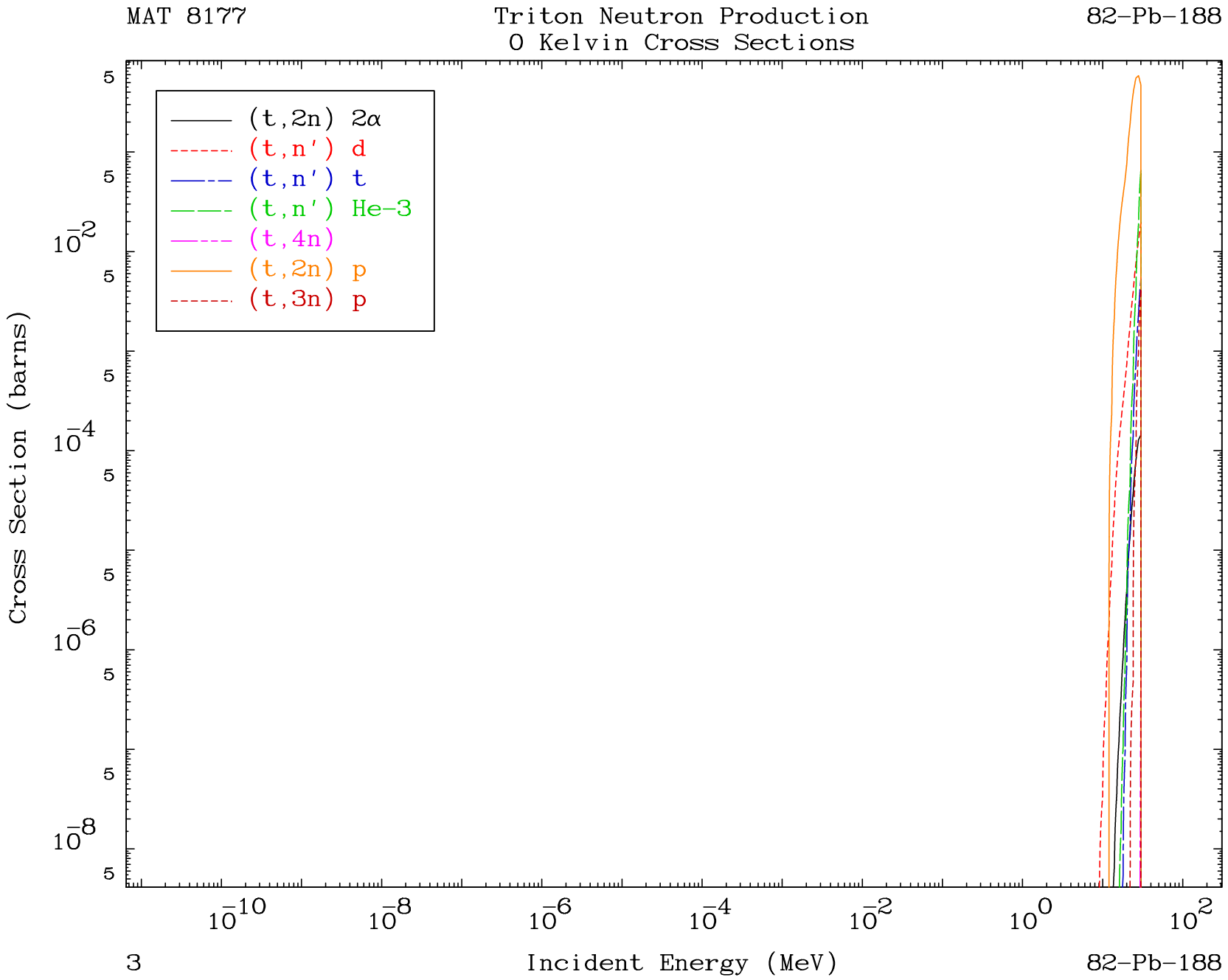
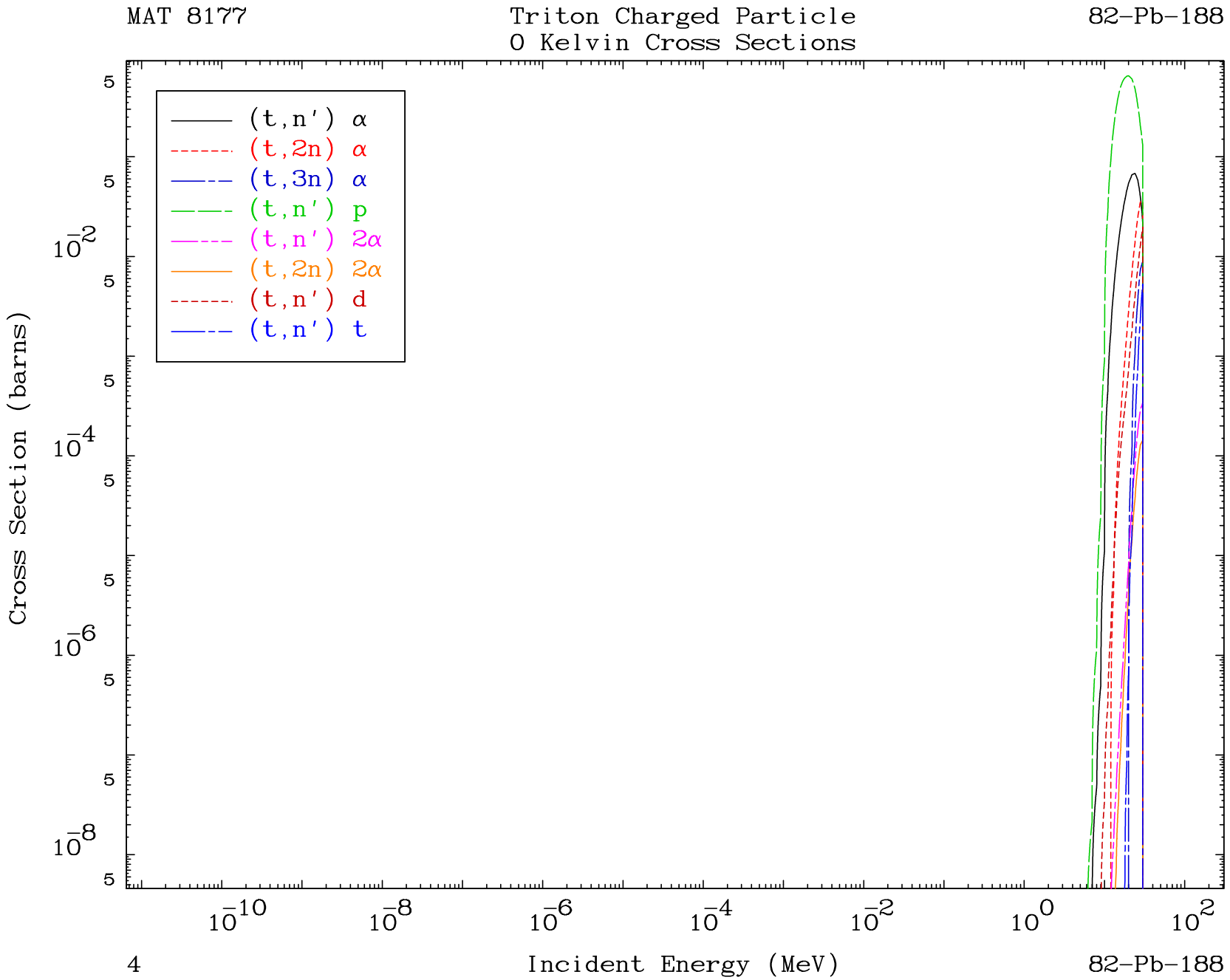
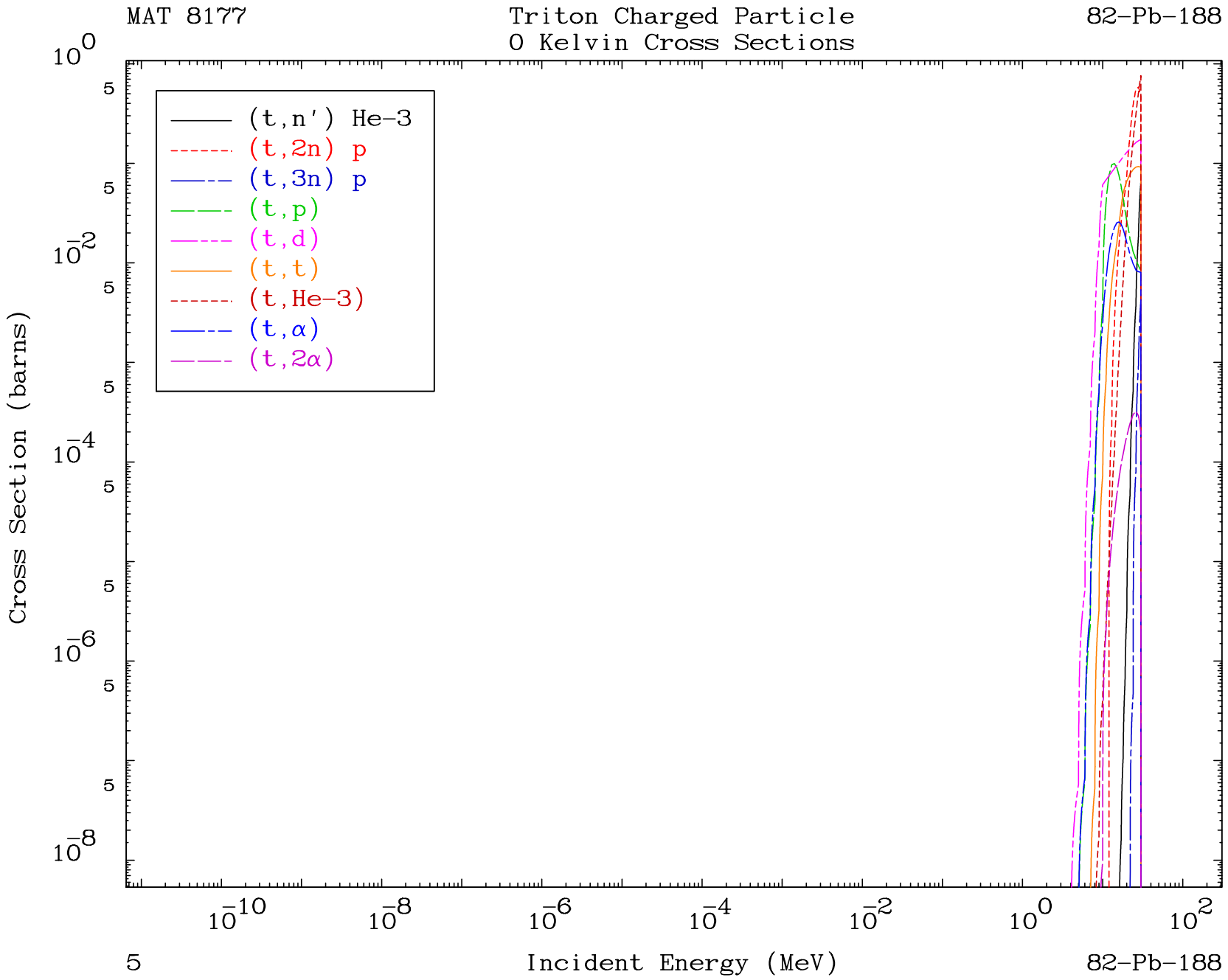
Press Mouse Button to Start

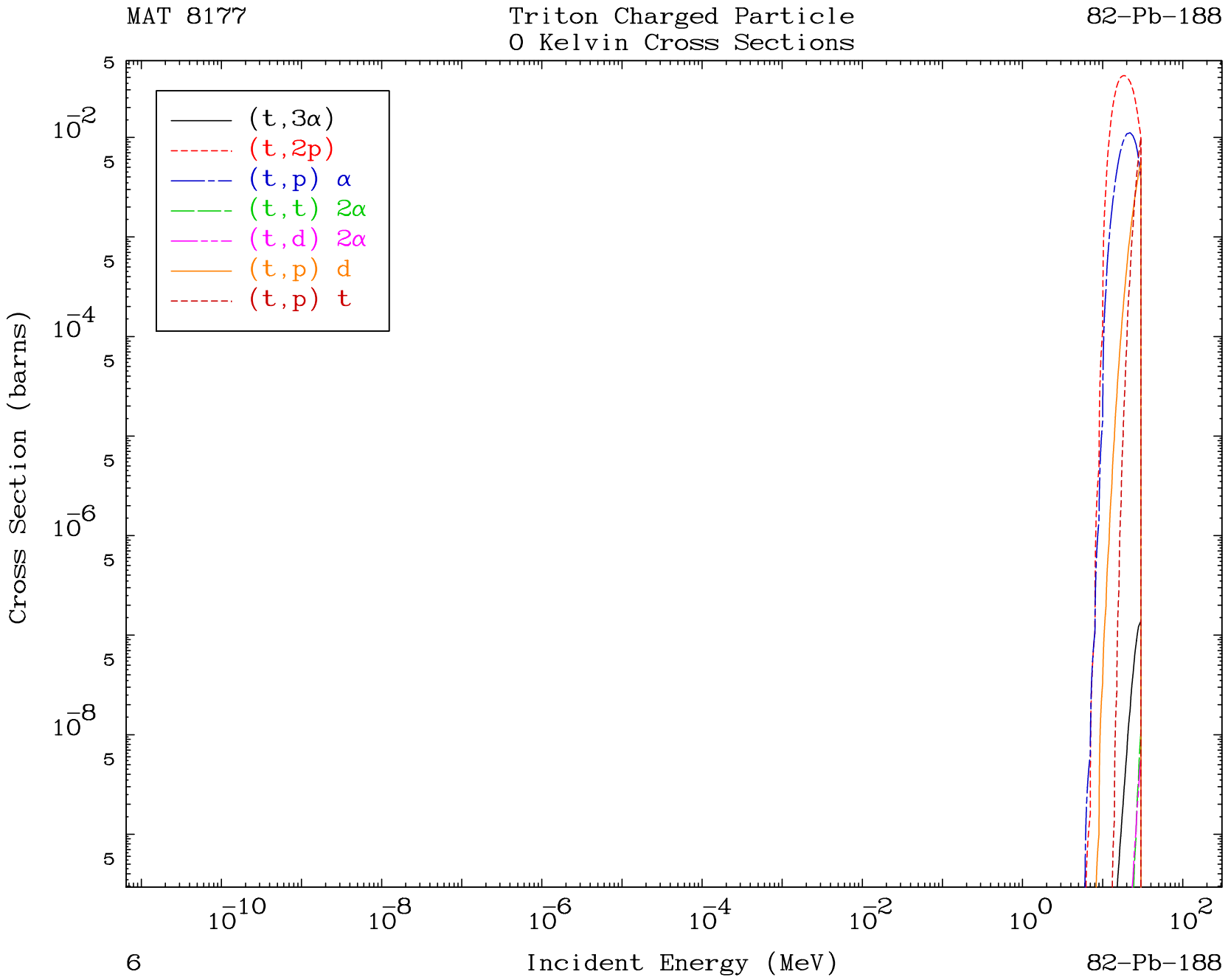

MAT 8177
Triton Major
82-Pb-188
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
1
82-Pb-188

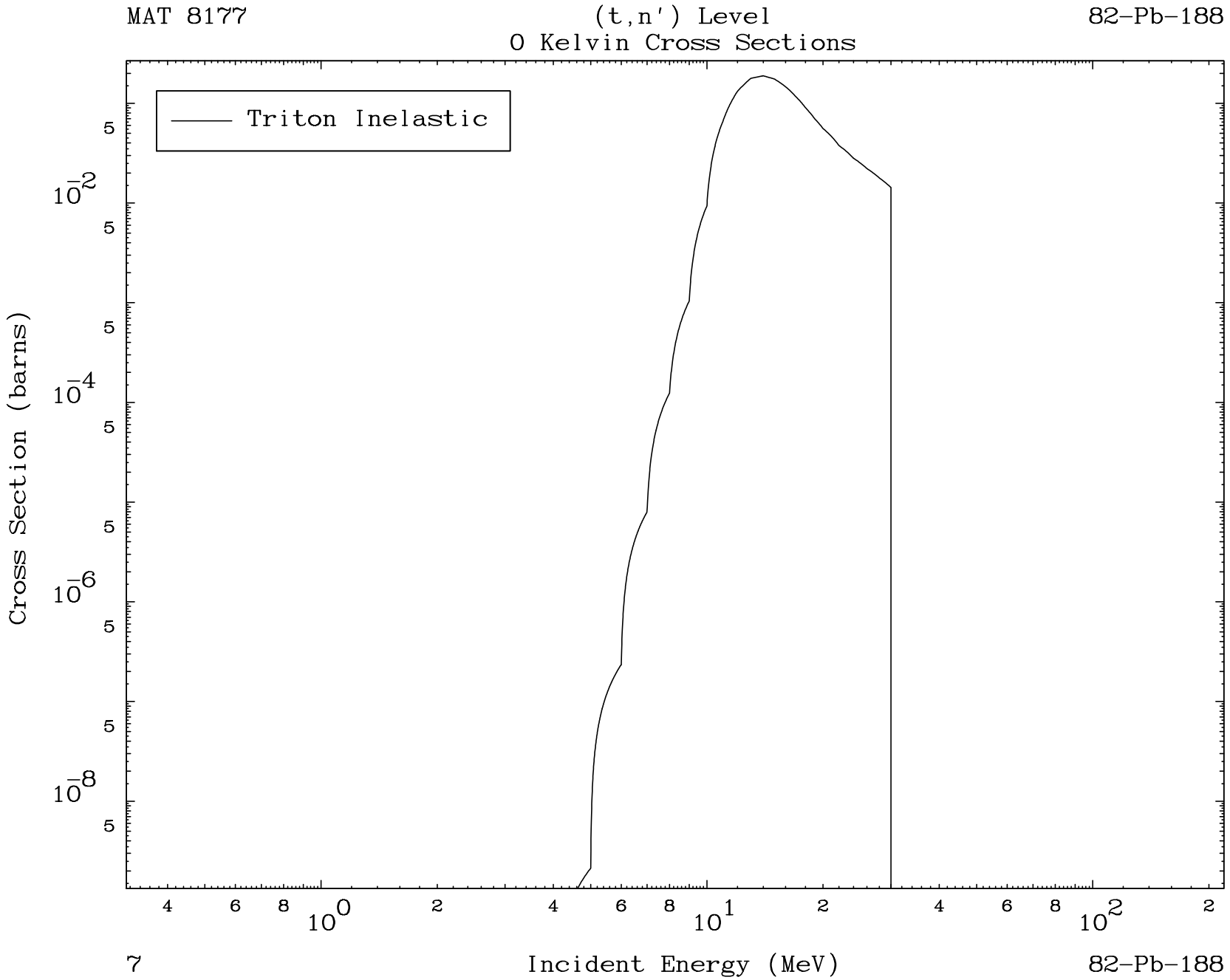

MAT 8177
Triton Neutron Production
0 Kelvin Cross Sections
82-Pb-188
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
Cross Section (barns)
Incident Energy (MeV)
82-Pb-188
2

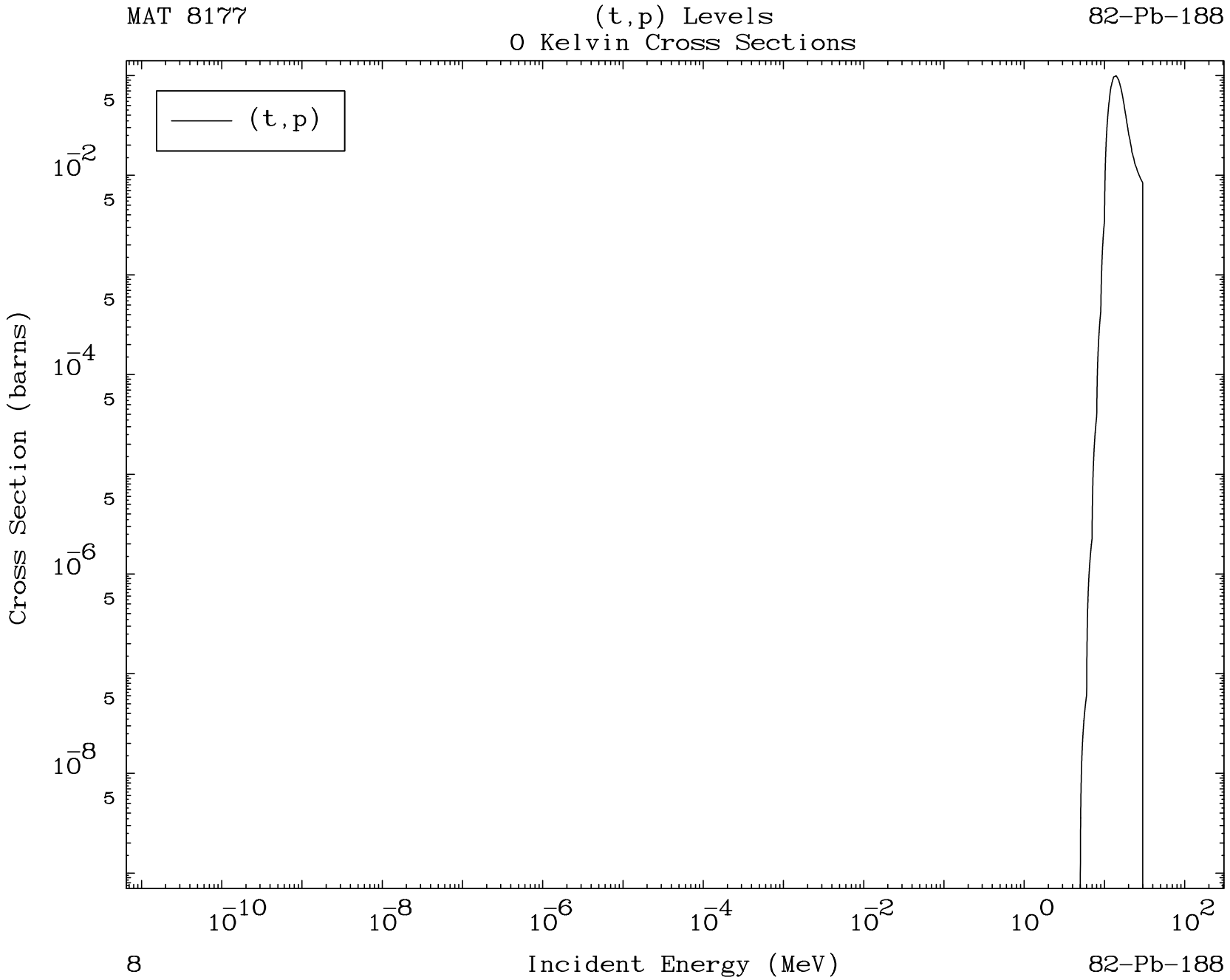

MAT 8177
Triton Neutron Production
0 Kelvin Cross Sections
82-Pb-188
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
82-Pb-188

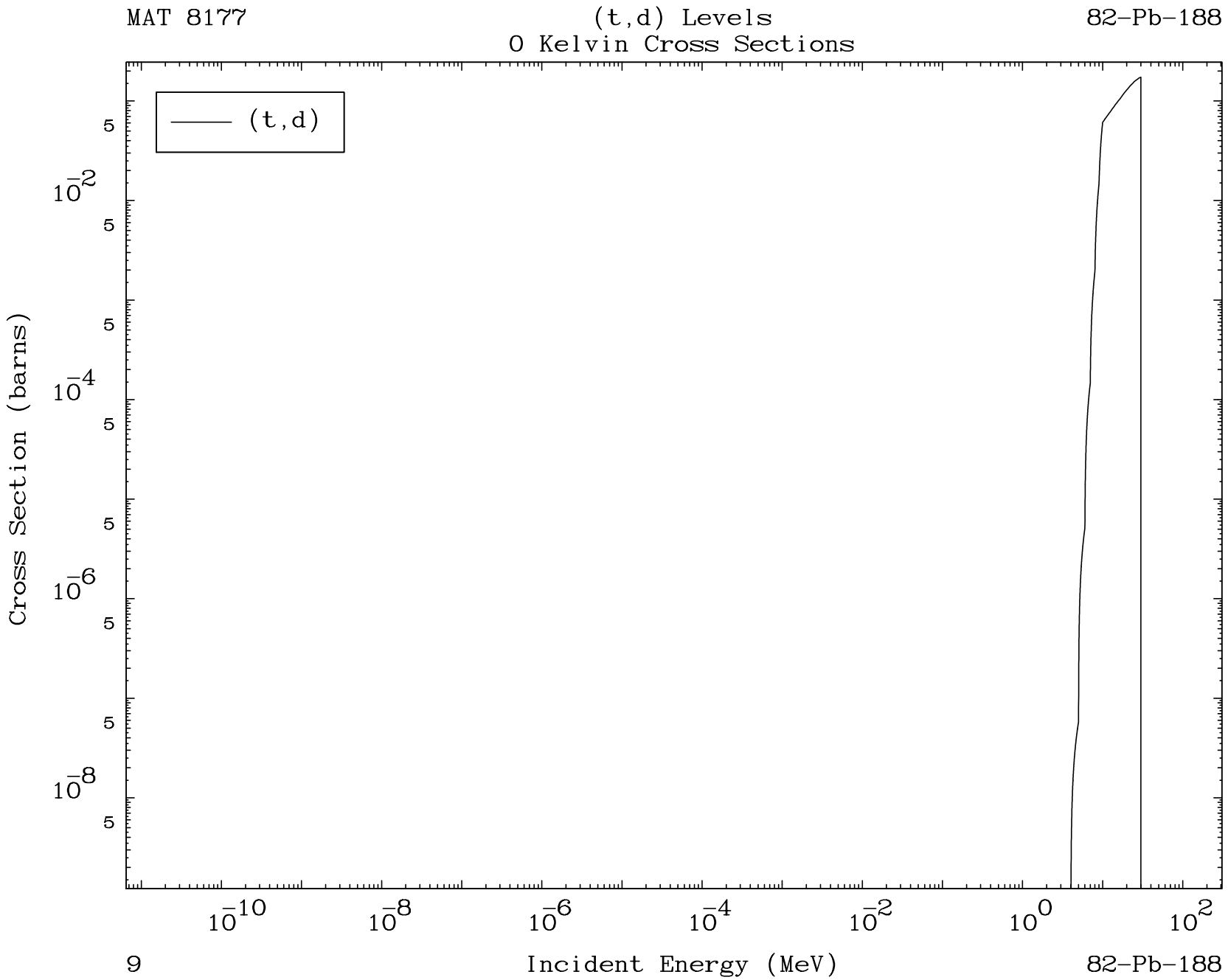

MAT 8177
Triton Charged Particle
0 Kelvin Cross Sections
82-Pb-188
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
(t,2n) 2α
(t,n') d
(t,n') t
Cross Section (barns)
Incident Energy (MeV)
82-Pb-188
4

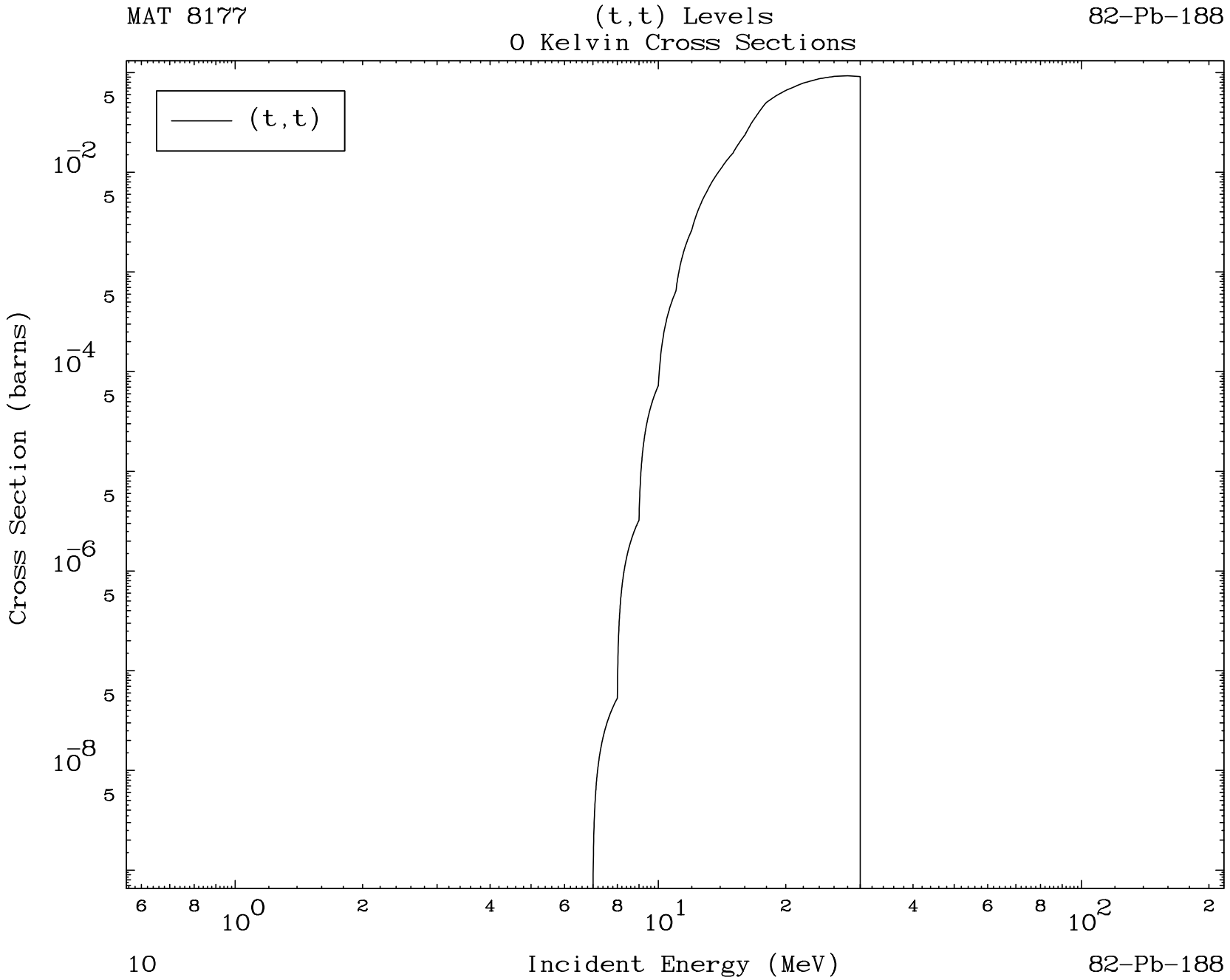

MAT 8177
Triton Charged Particle
0 Kelvin Cross Sections
82-Pb-188
(t,n') He-3
(t,2n) p
(t,3n) p
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2α)
Cross Section (barns)
Incident Energy (MeV)
82-Pb-188

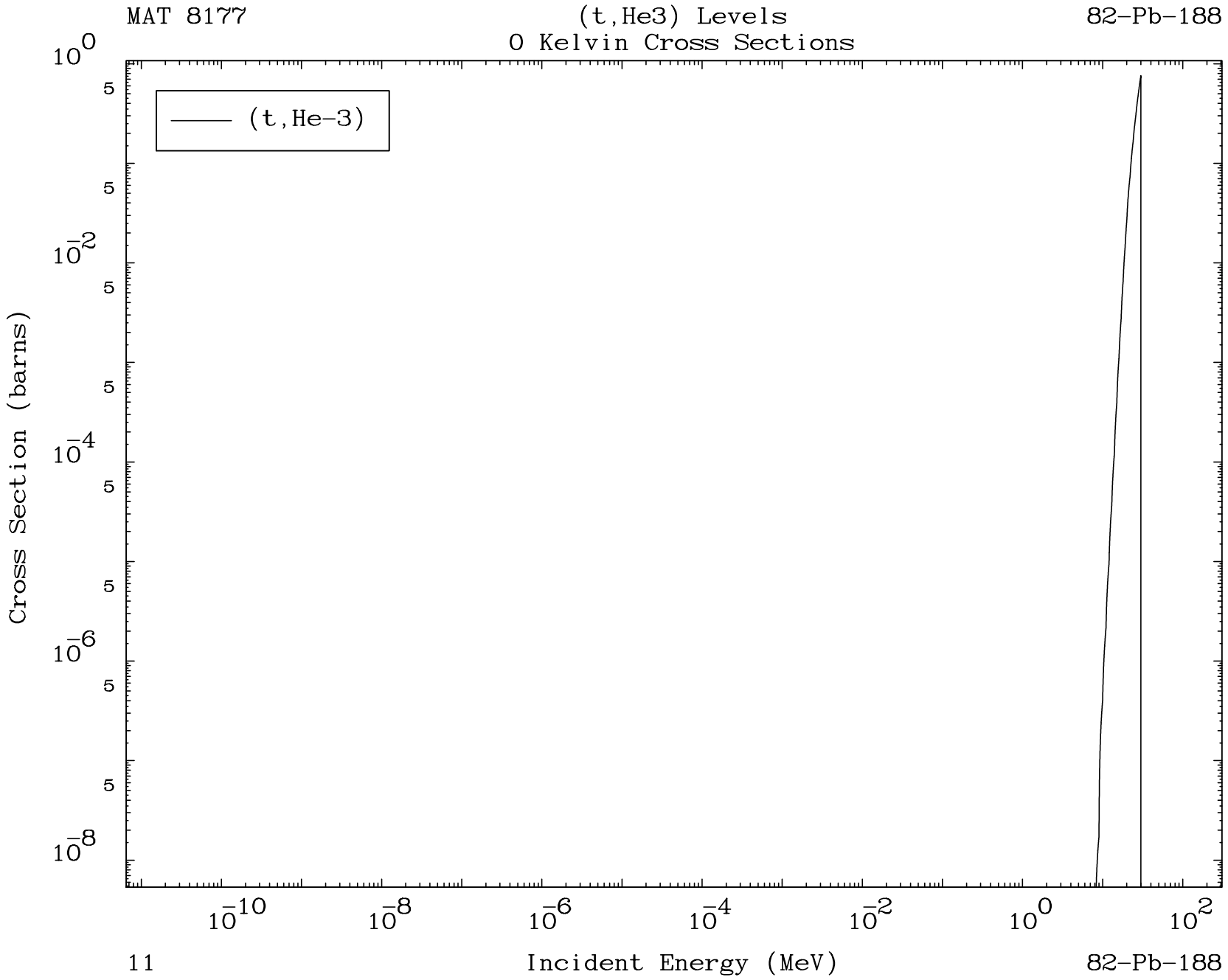

MAT 8177
Triton Charged Particle
0 Kelvin Cross Sections
82-Pb-188
(t,3α)
(t,2p)
(t,p) α
(t,t) 2α
(t,d) 2α
(t,p) d
(t,p) t
Cross Section (barns)
Incident Energy (MeV)
82-Pb-188
6

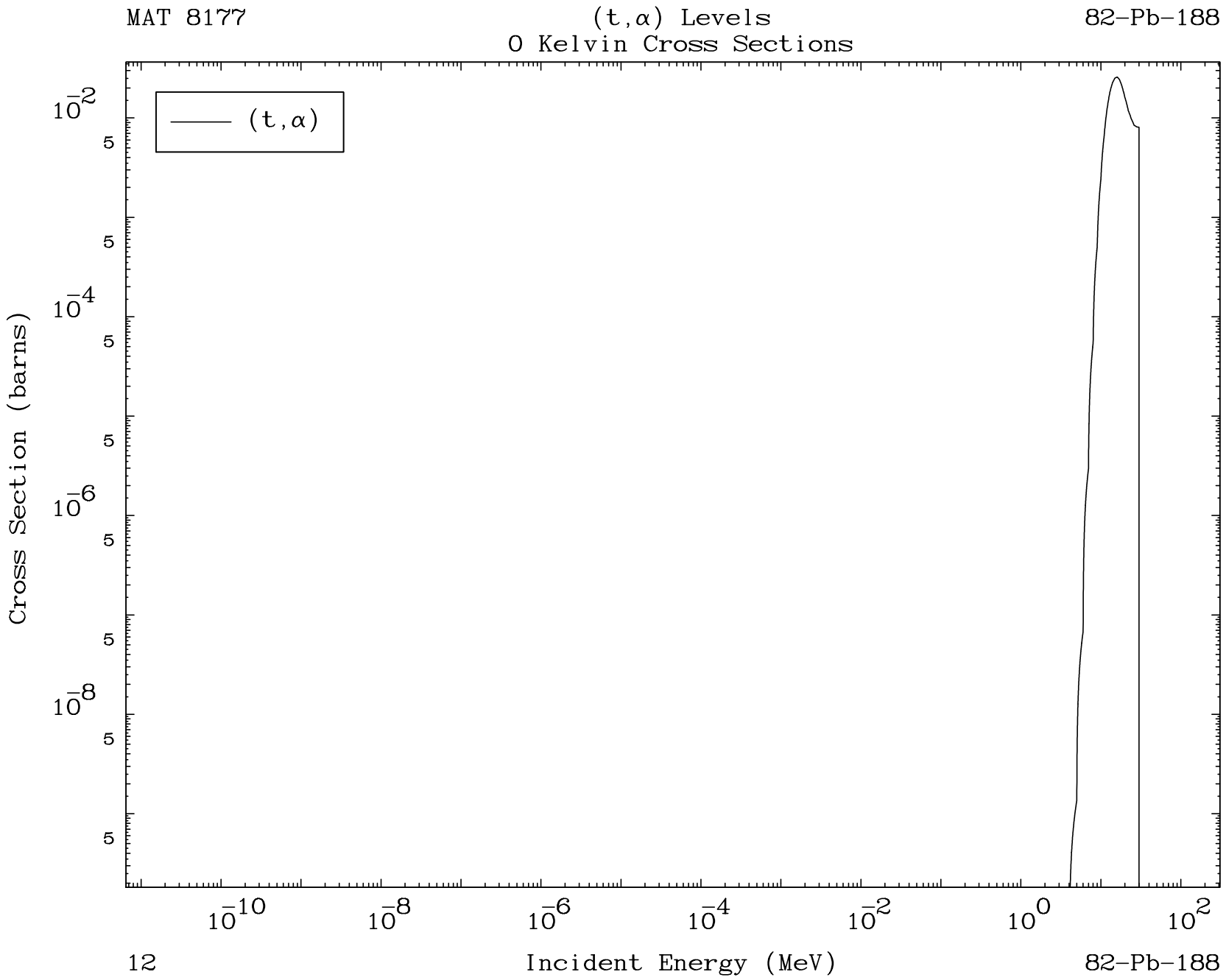

MAT 8177
(t,n') Level
82-Pb-188
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4
6
8
100
2
101
102
Incident Energy (MeV)
7
82-Pb-188

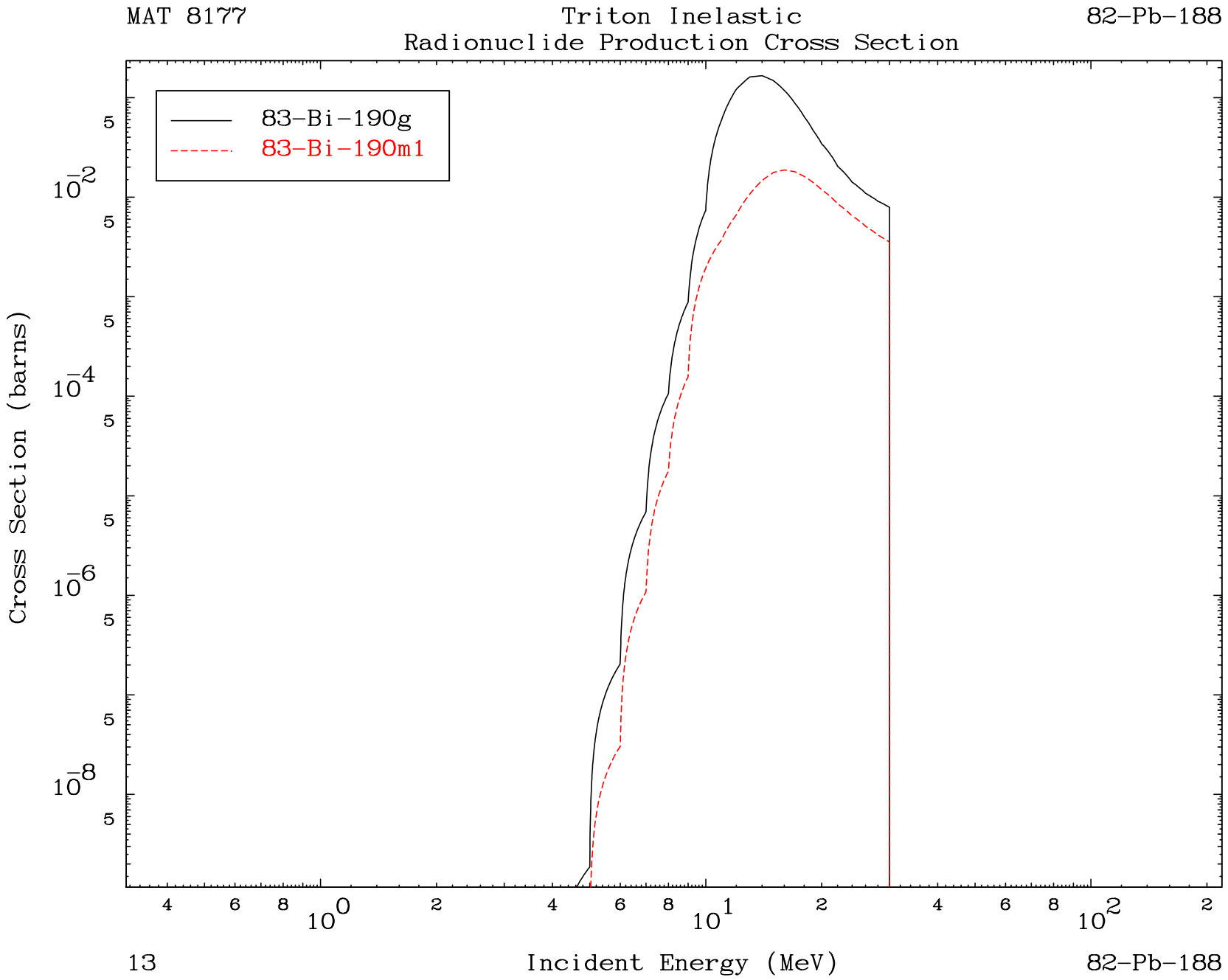

MAT 8177
(t,p) Levels
82-Pb-188
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
8
82-Pb-188

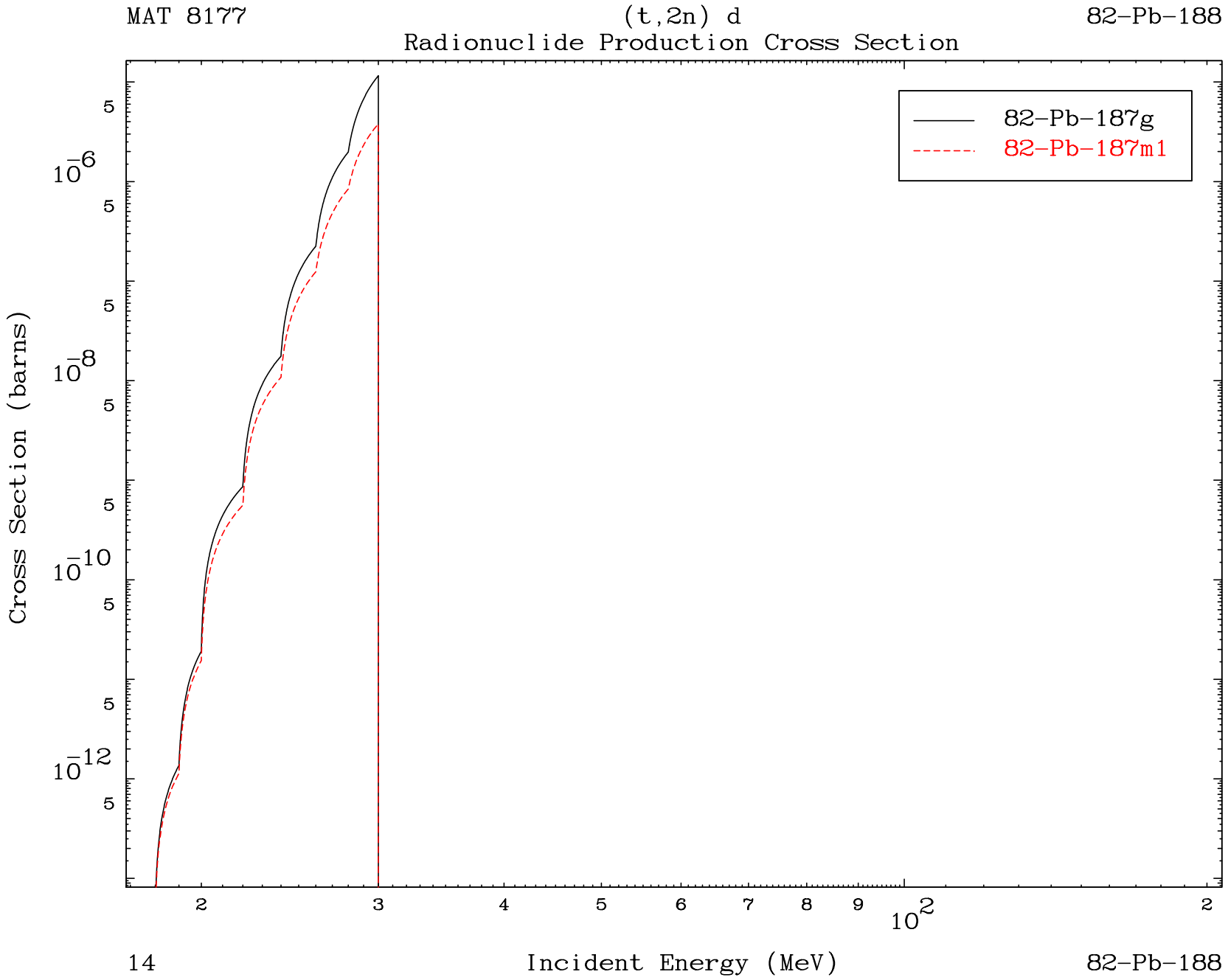

MAT 8177
(t,d) Levels
82-Pb-188
0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
9
82-Pb-188

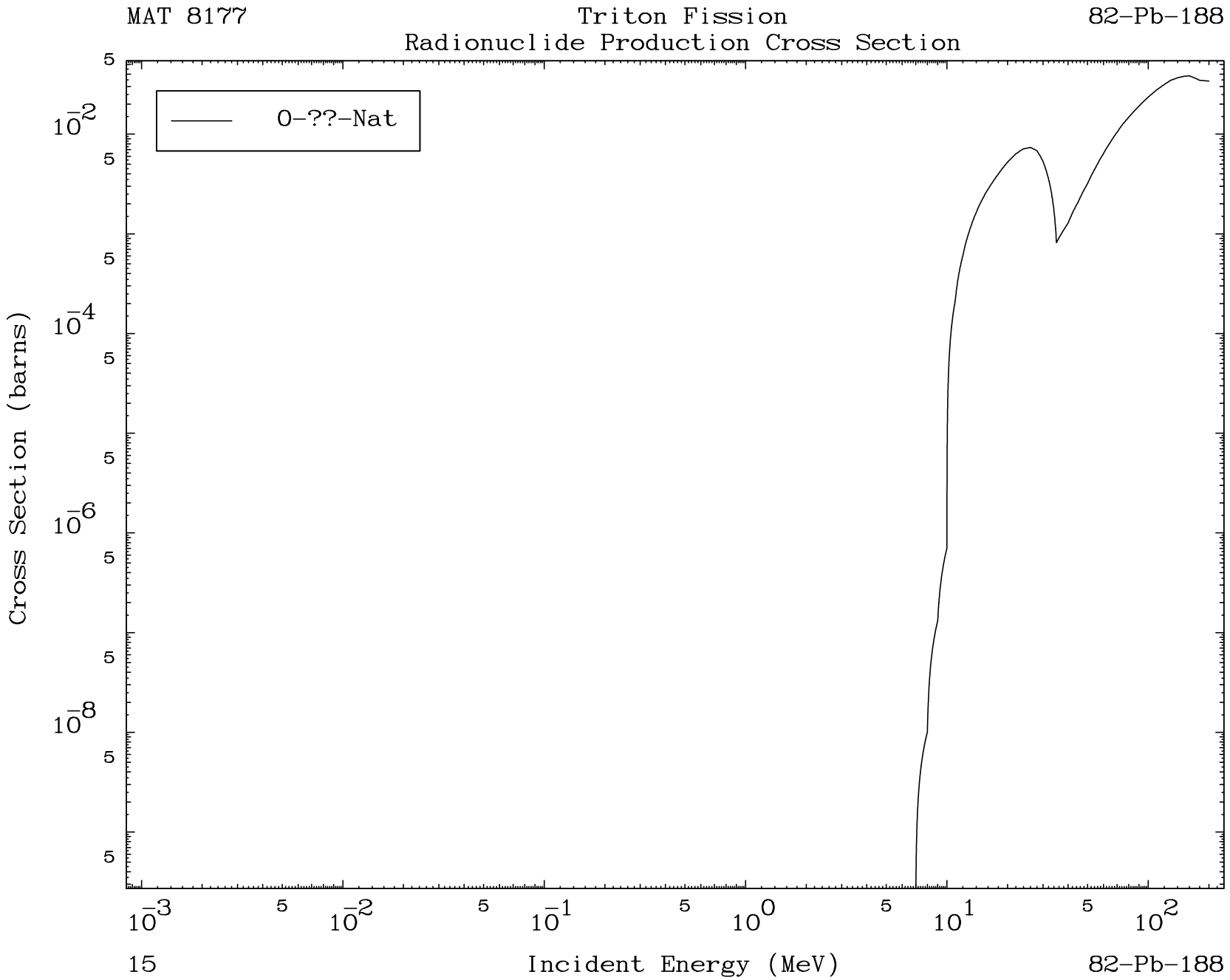

MAT 8177
(t,t) Levels
82-Pb-188
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
82-Pb-188

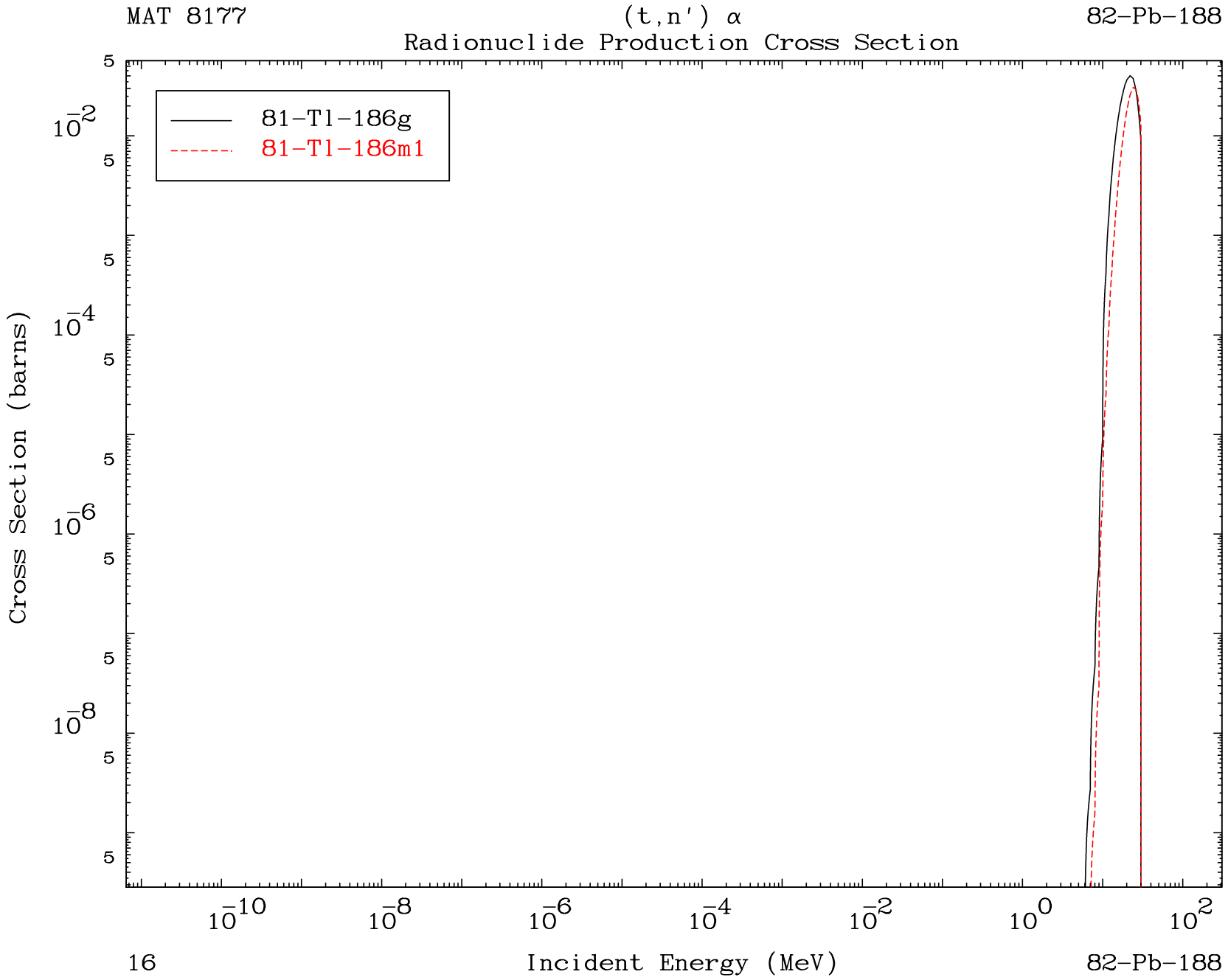

MAT 8177
(t,He3) Levels
82-Pb-188
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
82-Pb-188

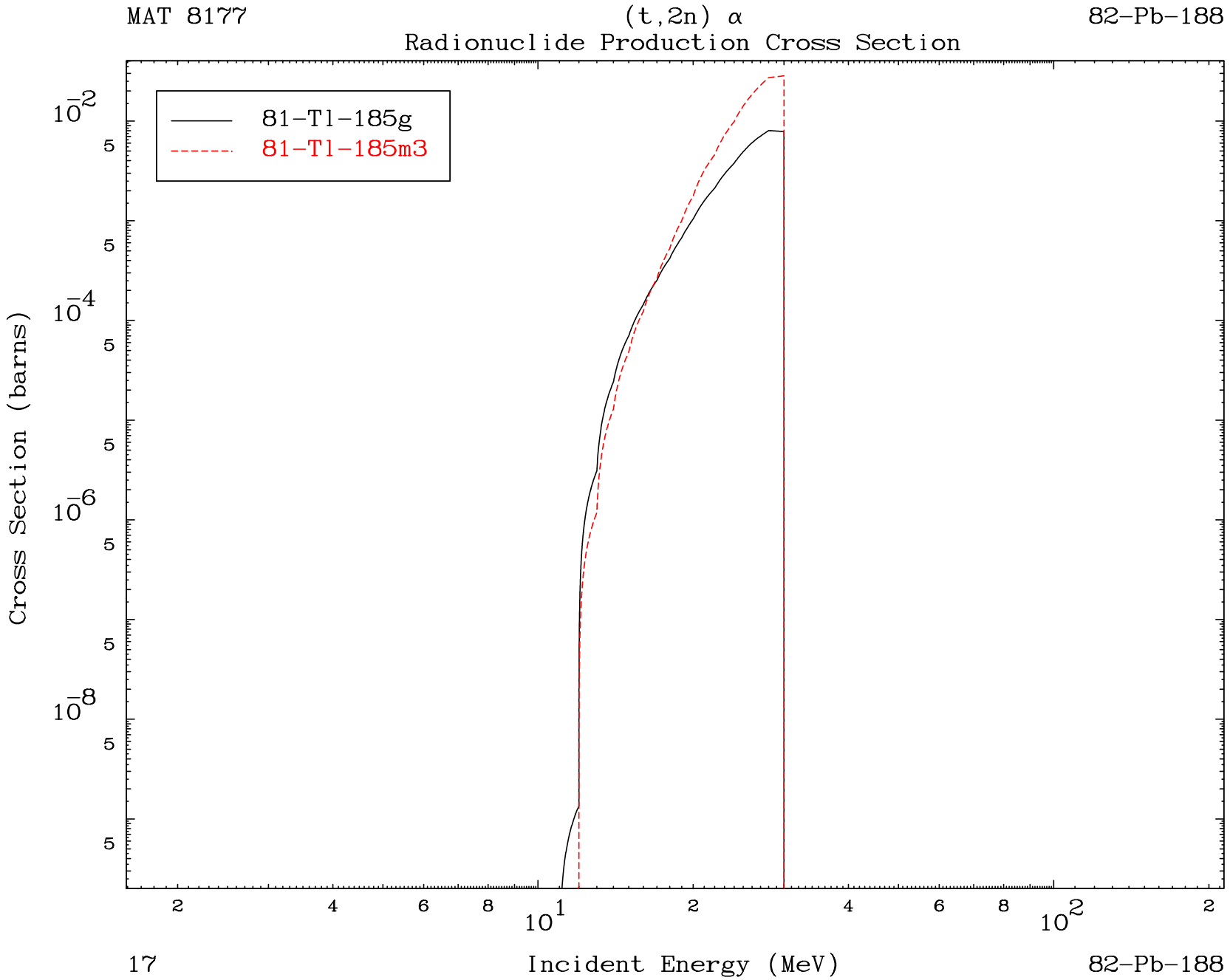

MAT 8177
(t,α) Levels
82-Pb-188
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
Incident Energy (MeV)
12
82-Pb-188

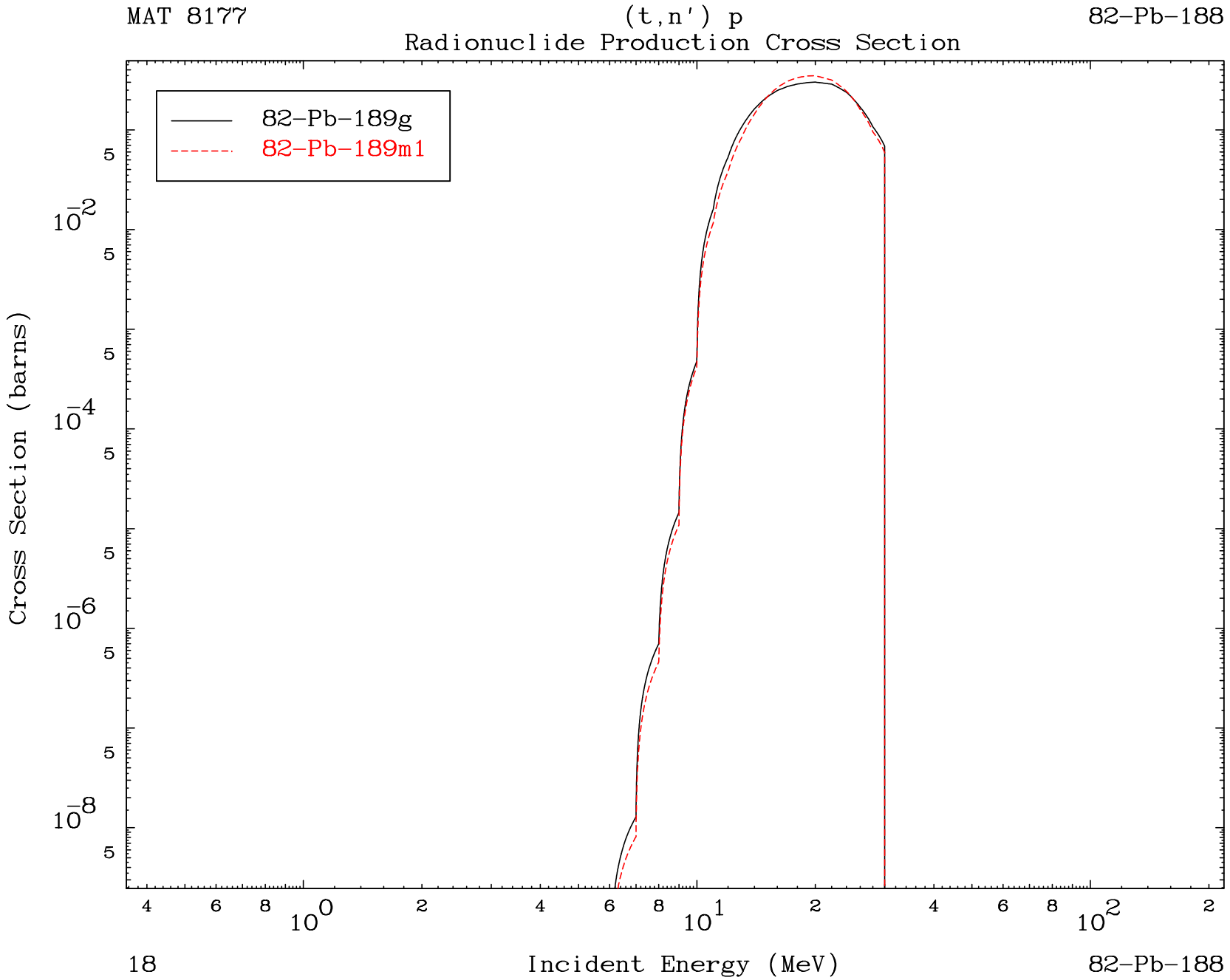

MAT 8177
Triton Inelastic
82-Pb-188
Radionuclide Production Cross Section
83-Bi-190g
83-Bi-190m1
Cross Section (barns)
Incident Energy (MeV)
13
82-Pb-188

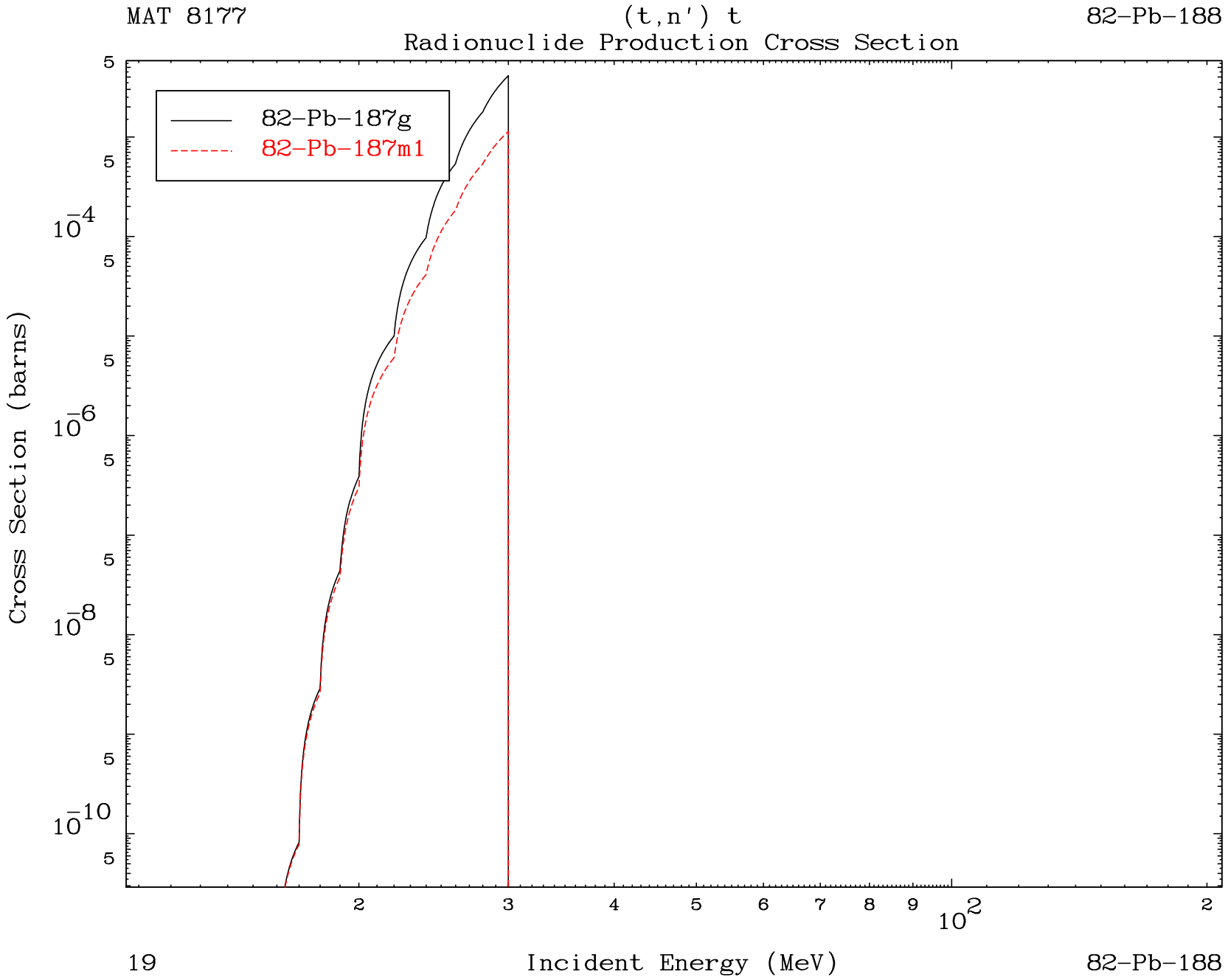

MAT 8177
(t,2n) d
82-Pb-188
Radionuclide Production Cross Section
82-Pb-187g
82-Pb-187m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
14
Incident Energy (MeV)
82-Pb-188

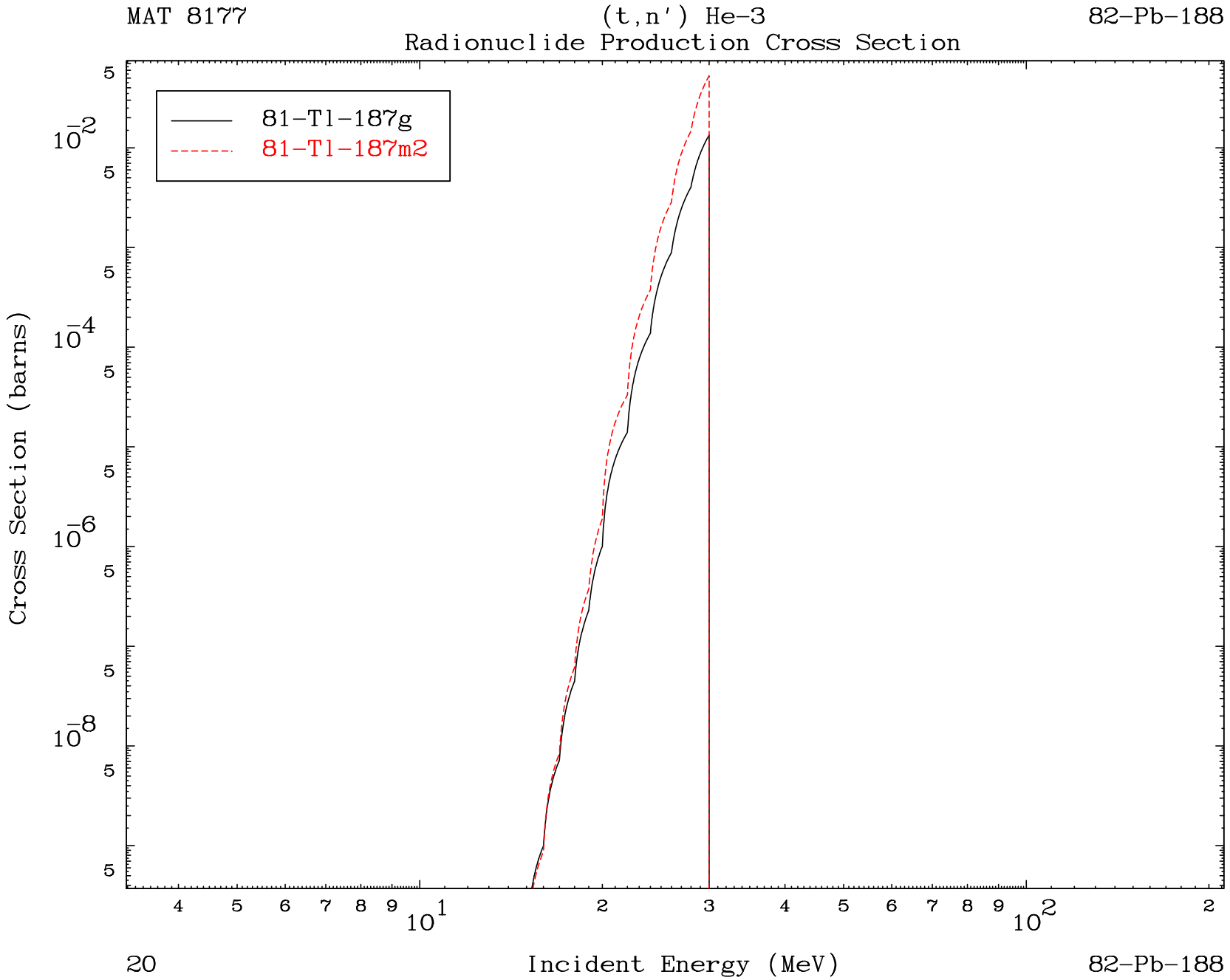

MAT 8177
Triton Fission
82-Pb-188
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
82-Pb-188
15

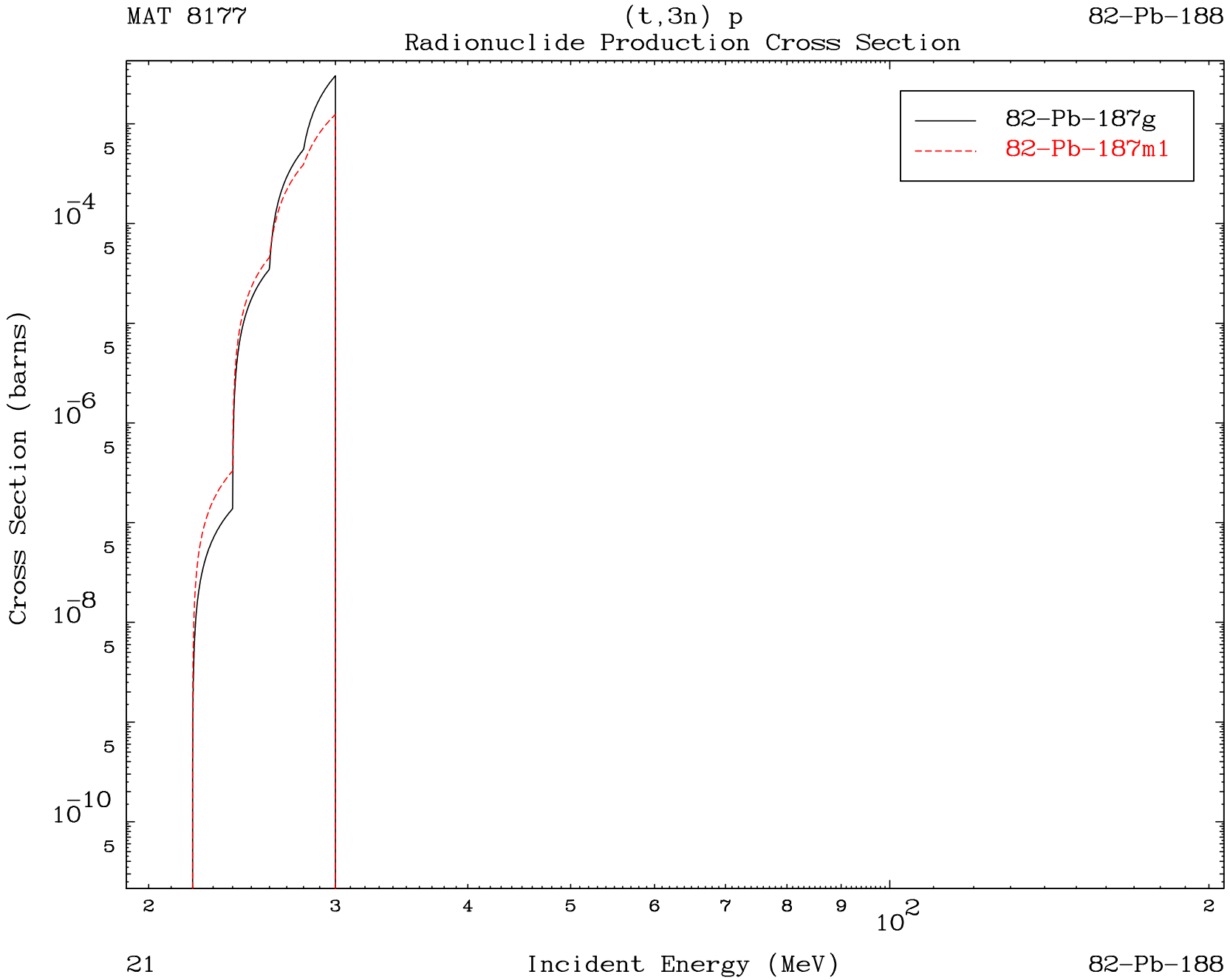

MAT 8177
(t,n') α
82-Pb-188
Radionuclide Production Cross Section
81-Tl-186g
81-Tl-186m1
Cross Section (barns)
Incident Energy (MeV)
16
82-Pb-188

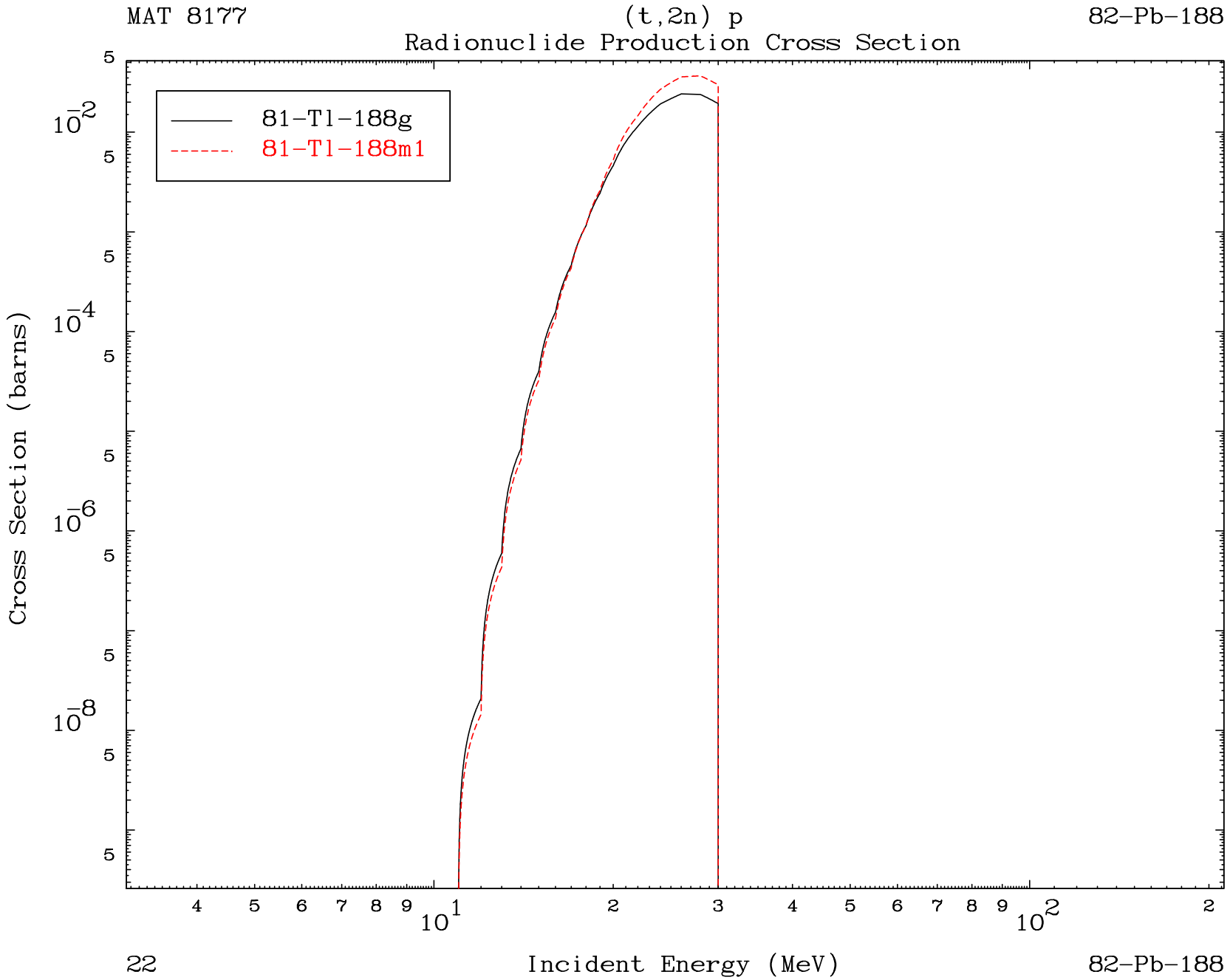

MAT 8177
(t,2n) α
82-Pb-188
Radionuclide Production Cross Section
81-Tl-185g
81-Tl-185m3
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
101
102
17
Incident Energy (MeV)
82-Pb-188

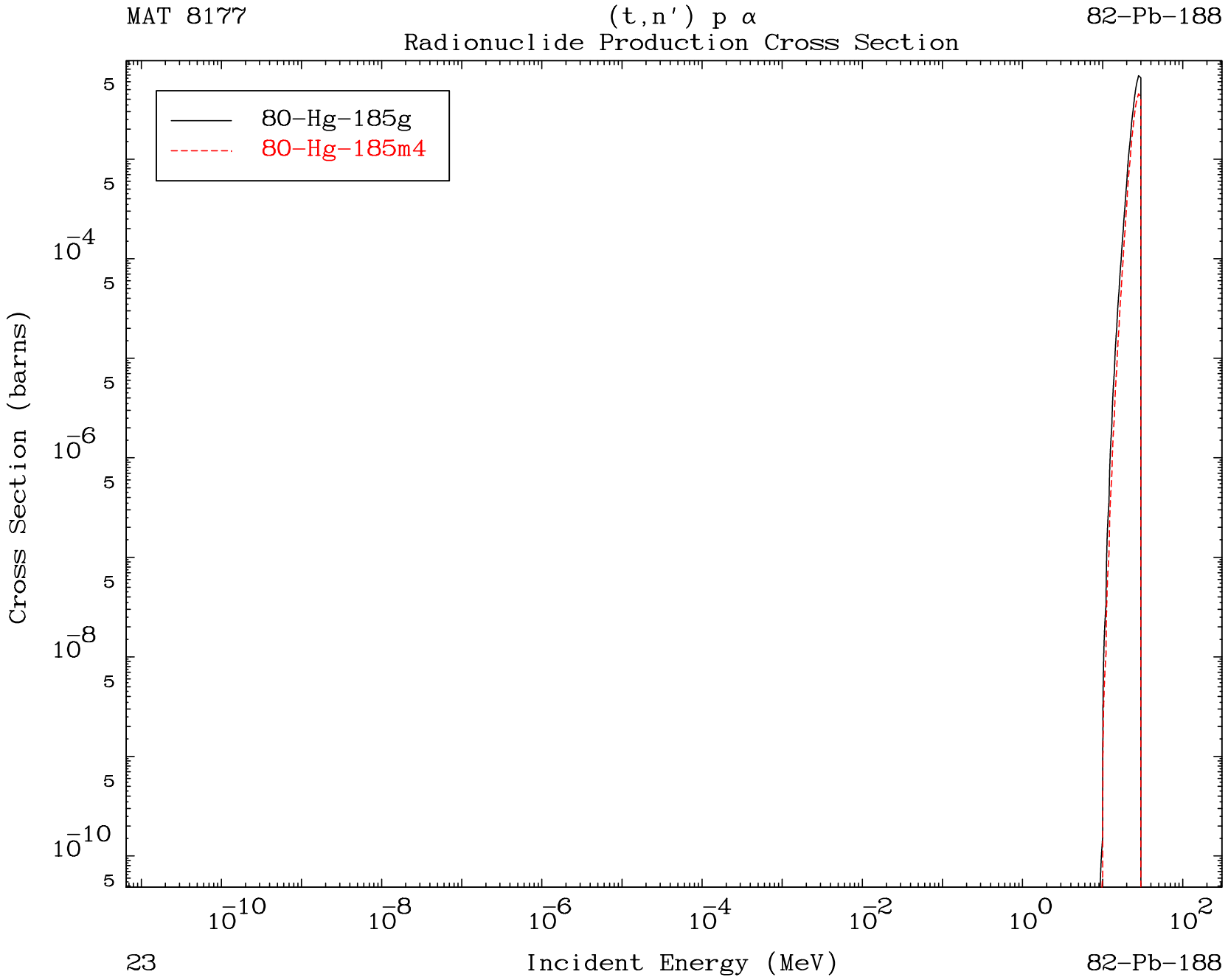

MAT 8177
(t,n') p
82-Pb-188
Radionuclide Production Cross Section
82-Pb-189g
82-Pb-189m1
Cross Section (barns)
Incident Energy (MeV)
18
82-Pb-188

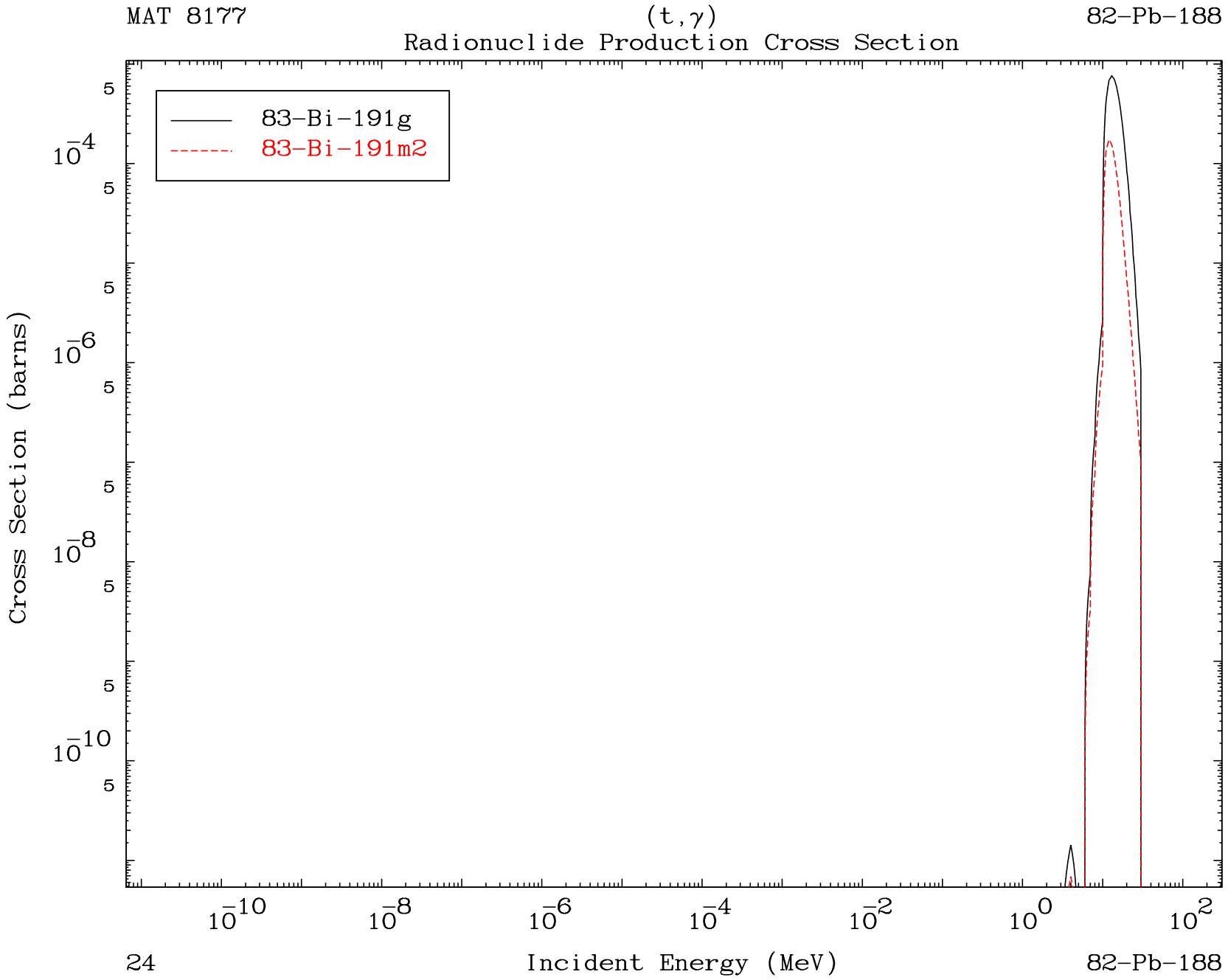

MAT 8177
(t,n') t
82-Pb-188
Radionuclide Production Cross Section
82-Pb-187g
82-Pb-187m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
19
Incident Energy (MeV)
82-Pb-188

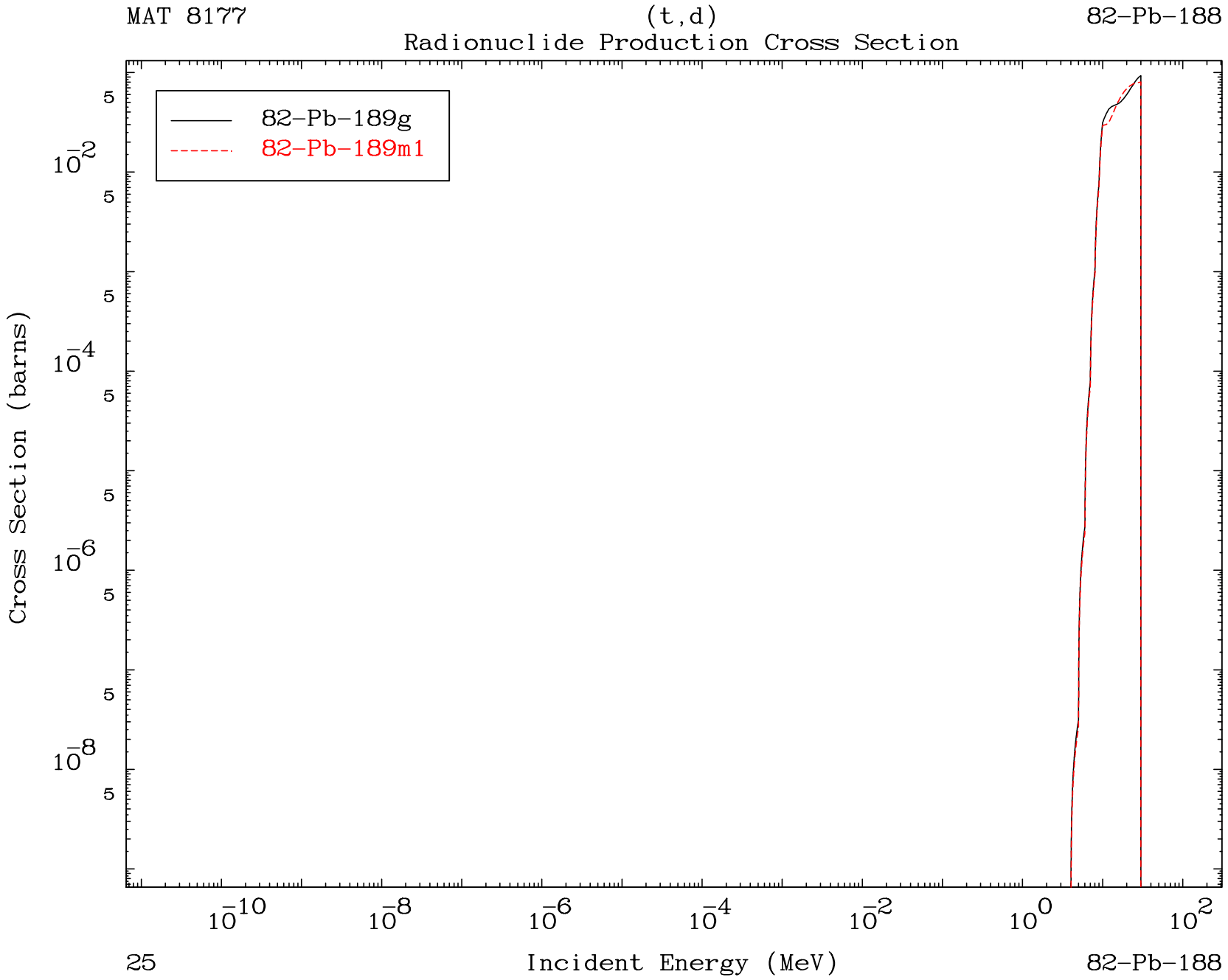

MAT 8177
(t,n') He-3
82-Pb-188
Radionuclide Production Cross Section
81-Tl-187g
81-Tl-187m2
Cross Section (barns)
Incident Energy (MeV)
20
82-Pb-188

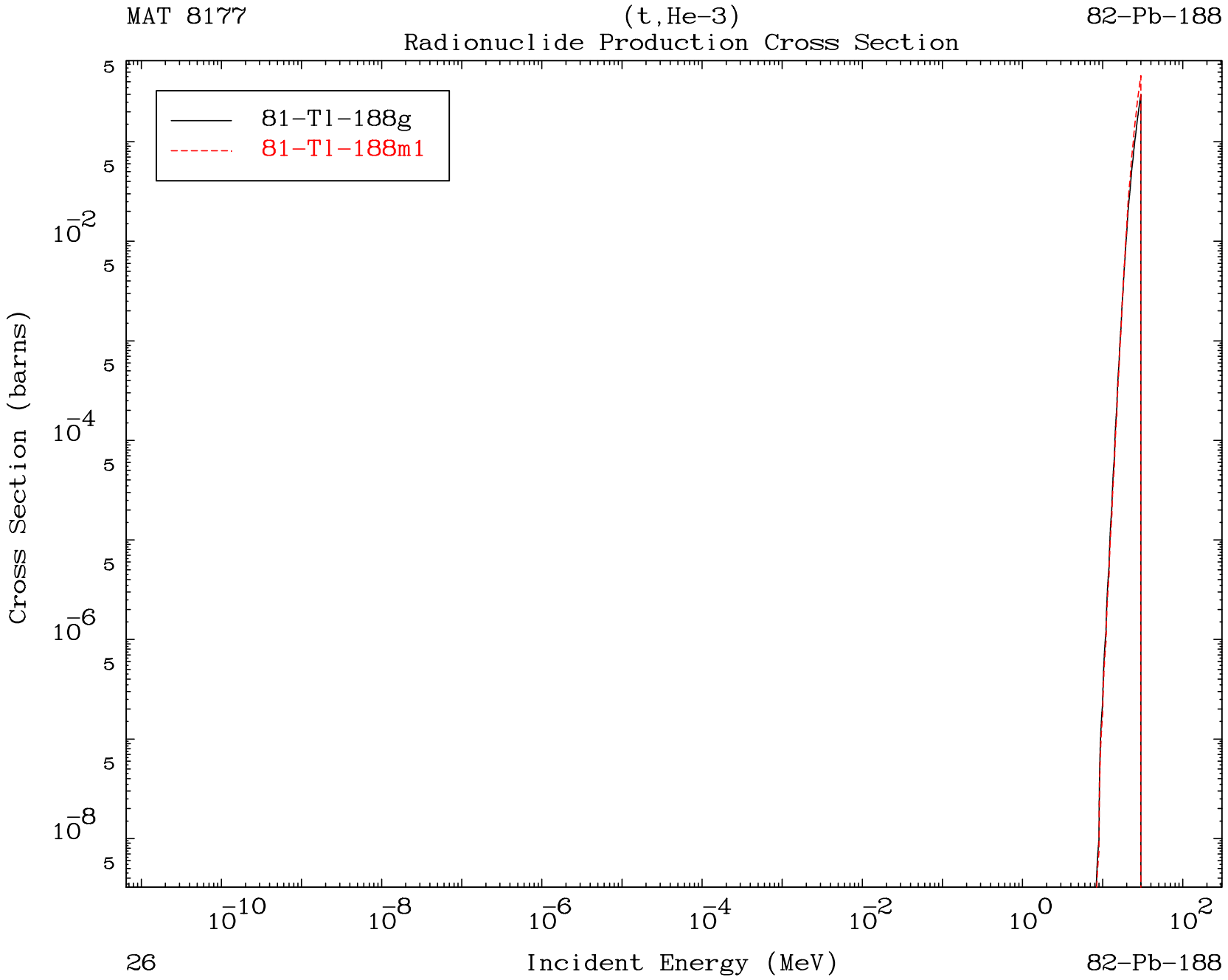

MAT 8177
(t,3n) p
82-Pb-188
Radionuclide Production Cross Section
82-Pb-187g
82-Pb-187m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
21
Incident Energy (MeV)
82-Pb-188

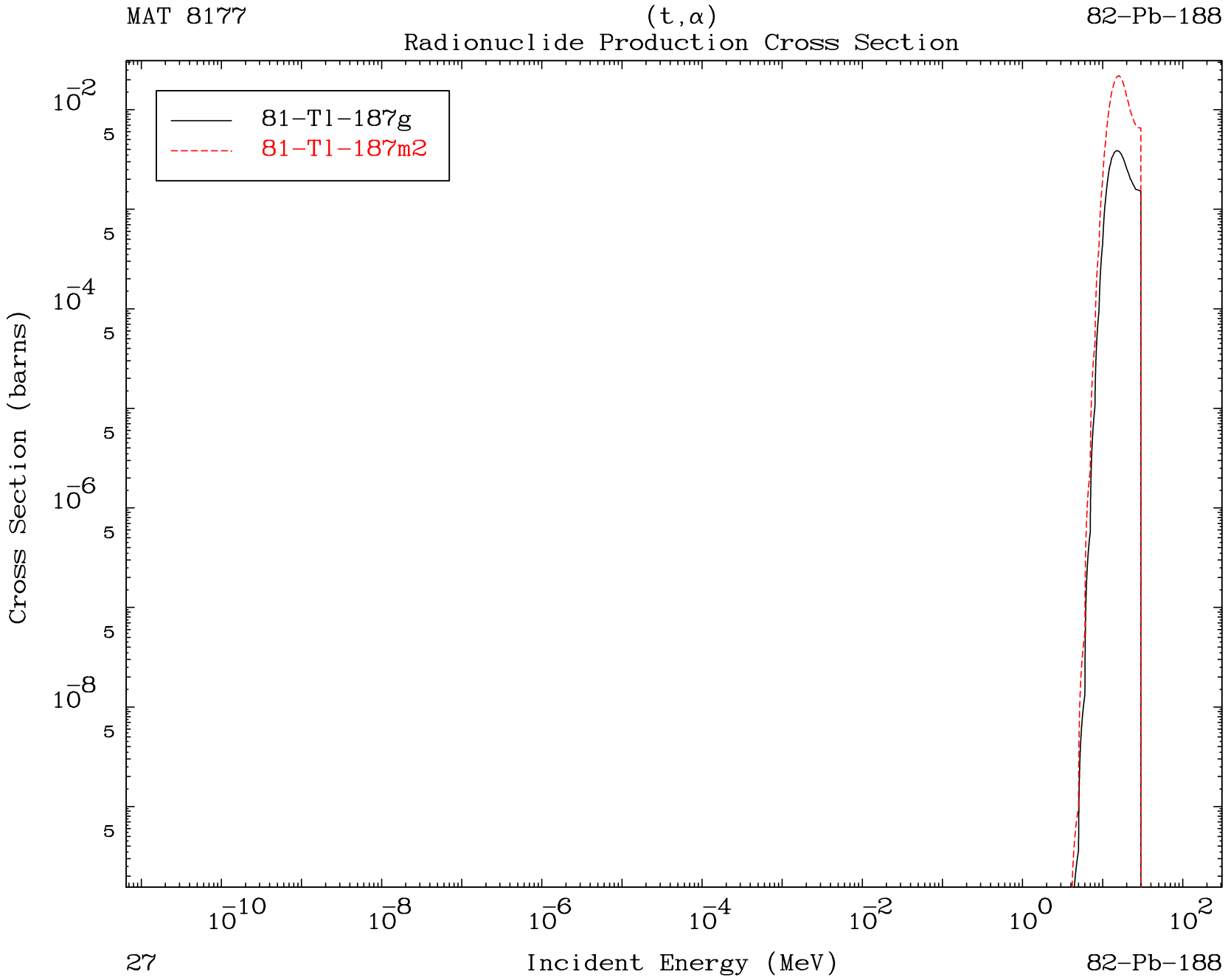

MAT 8177
(t,2n) p
82-Pb-188
Radionuclide Production Cross Section
81-Tl-188g
81-Tl-188m1
Cross Section (barns)
Incident Energy (MeV)
22
82-Pb-188

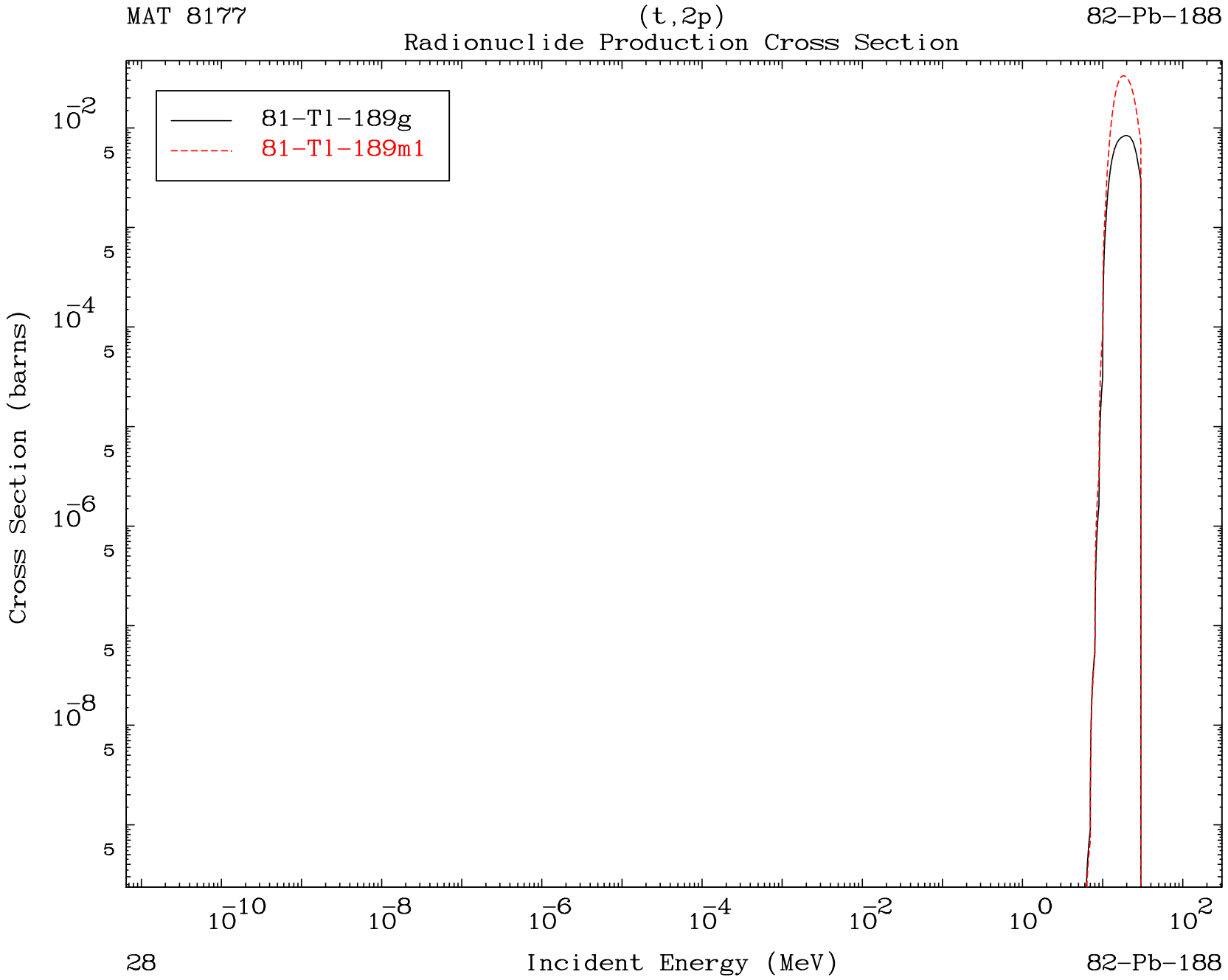

MAT 8177
(t,n') p α
82-Pb-188
Radionuclide Production Cross Section
80-Hg-185g
80-Hg-185m4
Cross Section (barns)
Incident Energy (MeV)
23
82-Pb-188

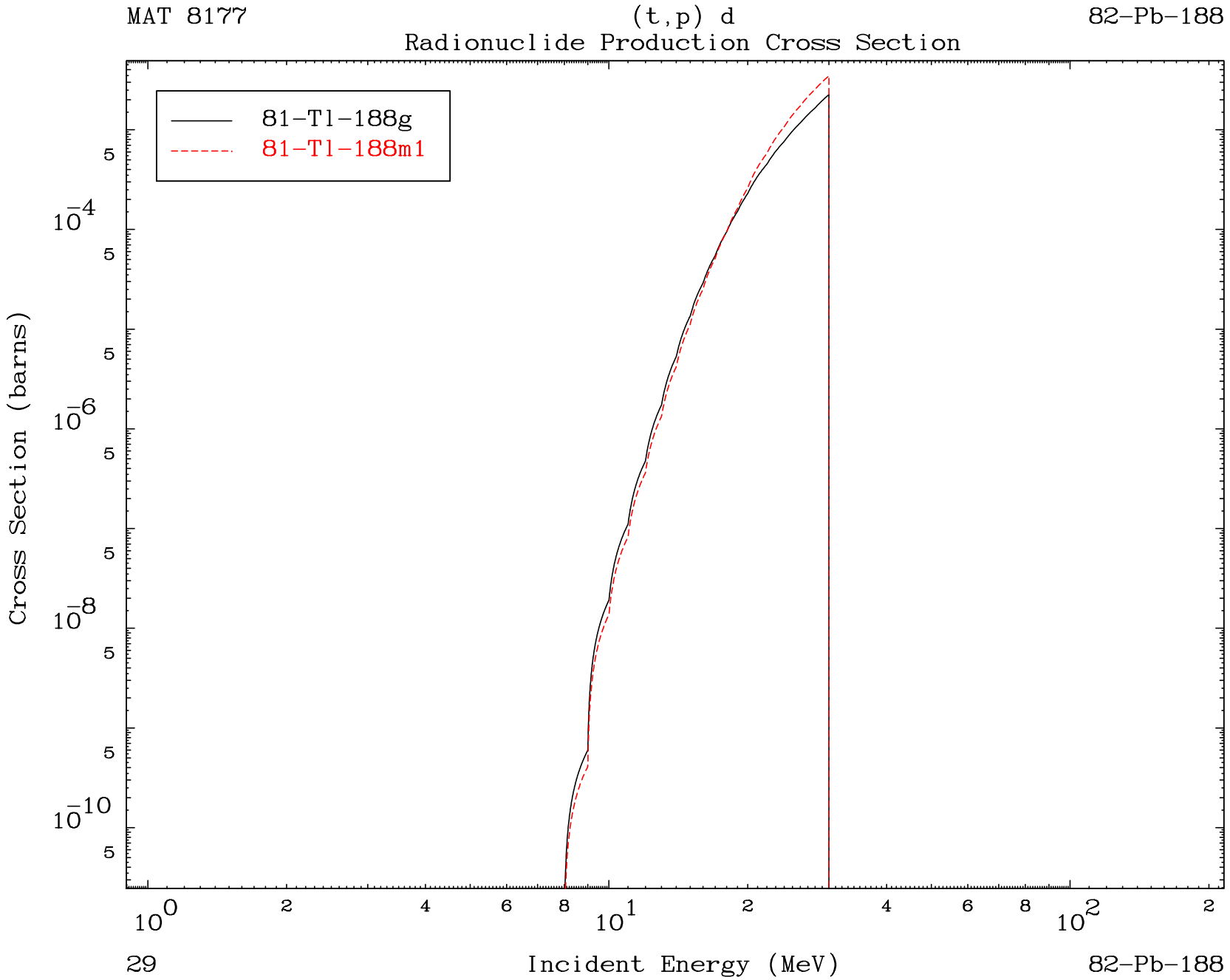

MAT 8177
(t,γ)
82-Pb-188
Radionuclide Production Cross Section
83-Bi-191g
83-Bi-191m2
Cross Section (barns)
Incident Energy (MeV)
24
82-Pb-188

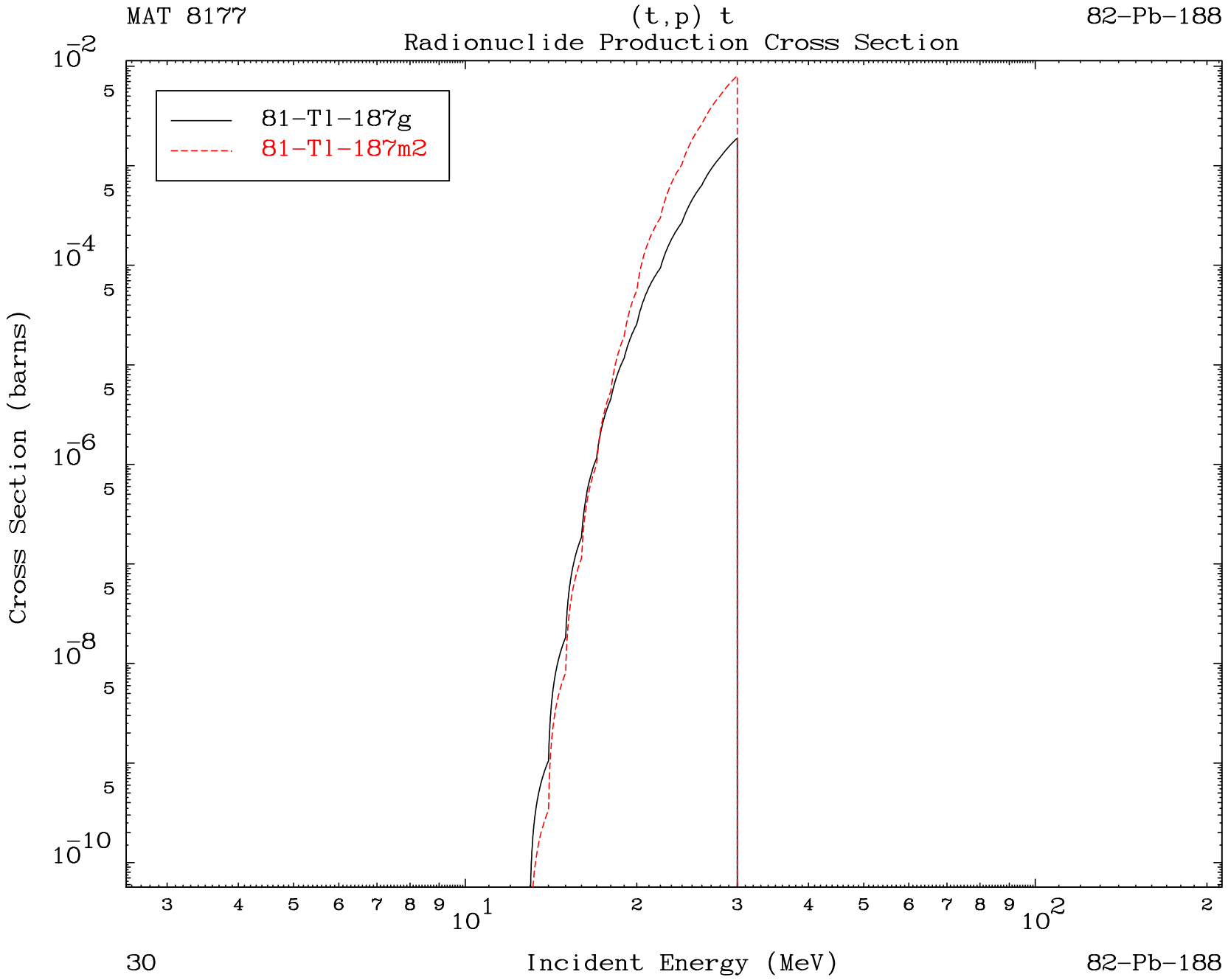

MAT 8177
(t,d)
82-Pb-188
Radionuclide Production Cross Section
82-Pb-189g
82-Pb-189m1
Cross Section (barns)
Incident Energy (MeV)
25
82-Pb-188

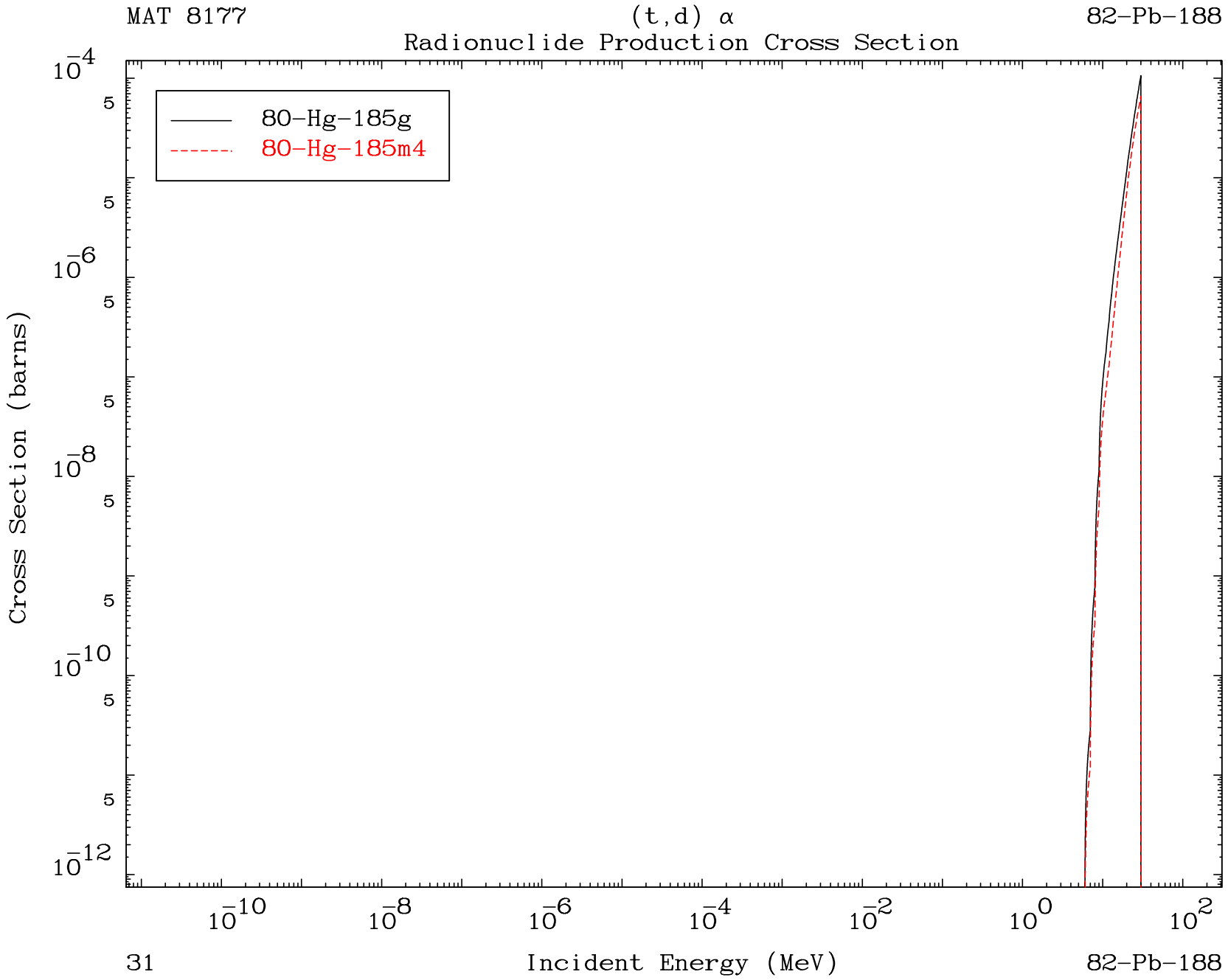

MAT 8177
(t,He-3)
82-Pb-188
Radionuclide Production Cross Section
81-Tl-188g
81-Tl-188m1
Cross Section (barns)
Incident Energy (MeV)
26
82-Pb-188


MAT 8177
(t,α)
82-Pb-188
Radionuclide Production Cross Section
81-Tl-187g
81-Tl-187m2
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
Incident Energy (MeV)
27
82-Pb-188


MAT 8177
(t,2p)
82-Pb-188
Radionuclide Production Cross Section
81-Tl-189g
81-Tl-189m1
Cross Section (barns)
Incident Energy (MeV)
28
82-Pb-188


MAT 8177
(t,p) d
82-Pb-188
Radionuclide Production Cross Section
81-Tl-188g
81-Tl-188m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
100
2
4
6
8
101
102
29
Incident Energy (MeV)
82-Pb-188


MAT 8177
(t,p) t
82-Pb-188
Radionuclide Production Cross Section
81-Tl-187g
81-Tl-187m2
Cross Section (barns)
Incident Energy (MeV)
30
82-Pb-188


MAT 8177
(t,d) α
82-Pb-188
Radionuclide Production Cross Section
80-Hg-185g
80-Hg-185m4
Cross Section (barns)
Incident Energy (MeV)
31
82-Pb-188