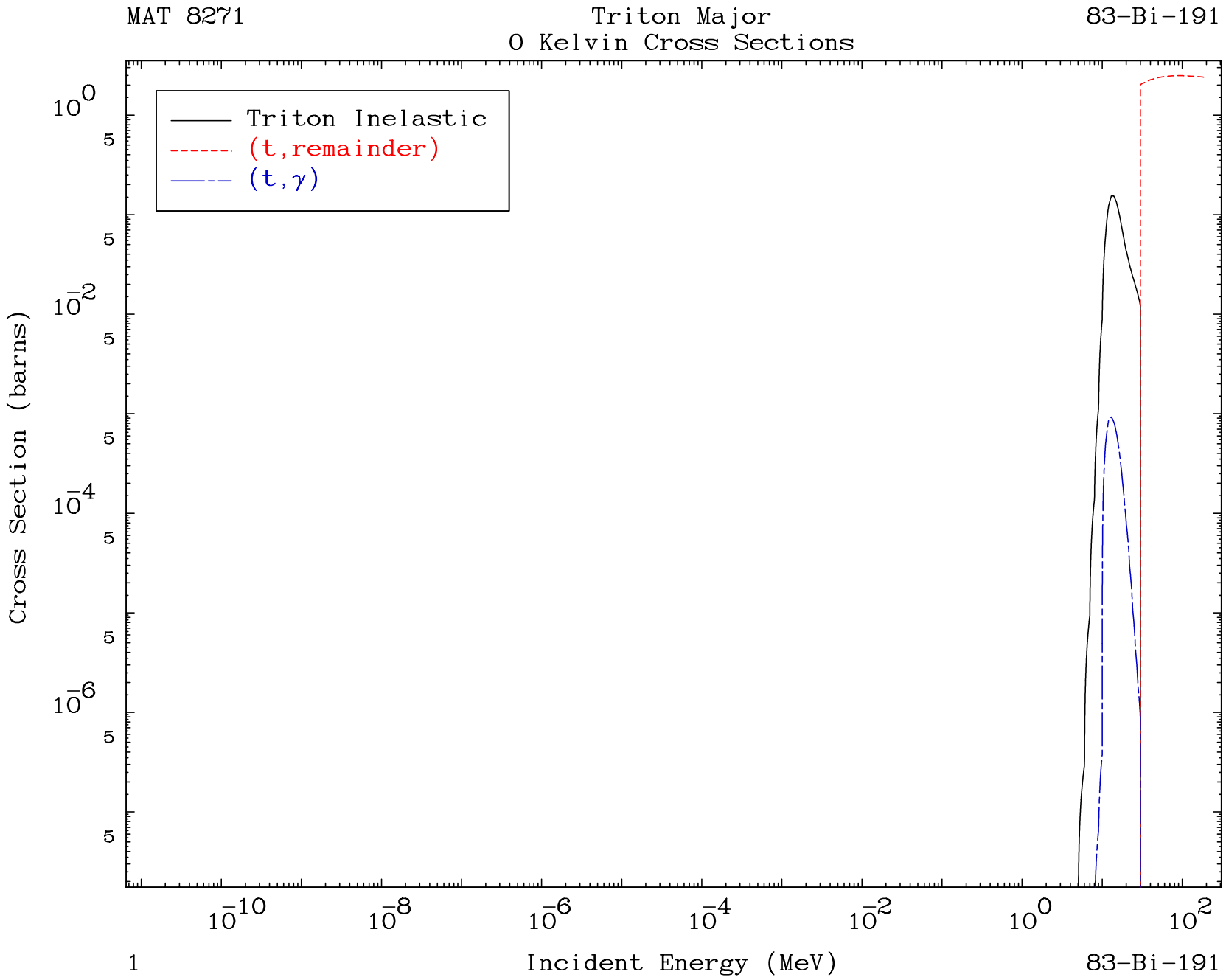
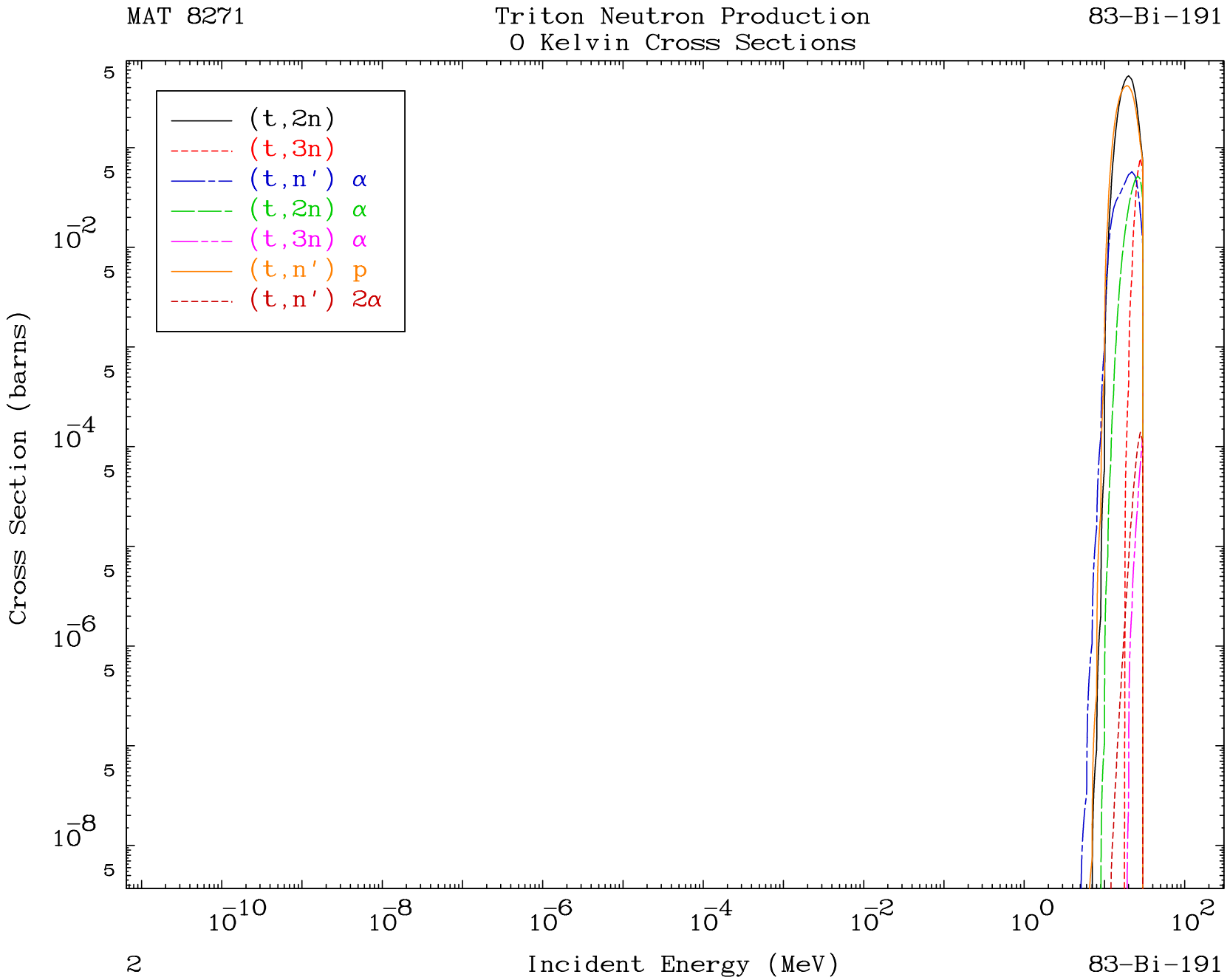
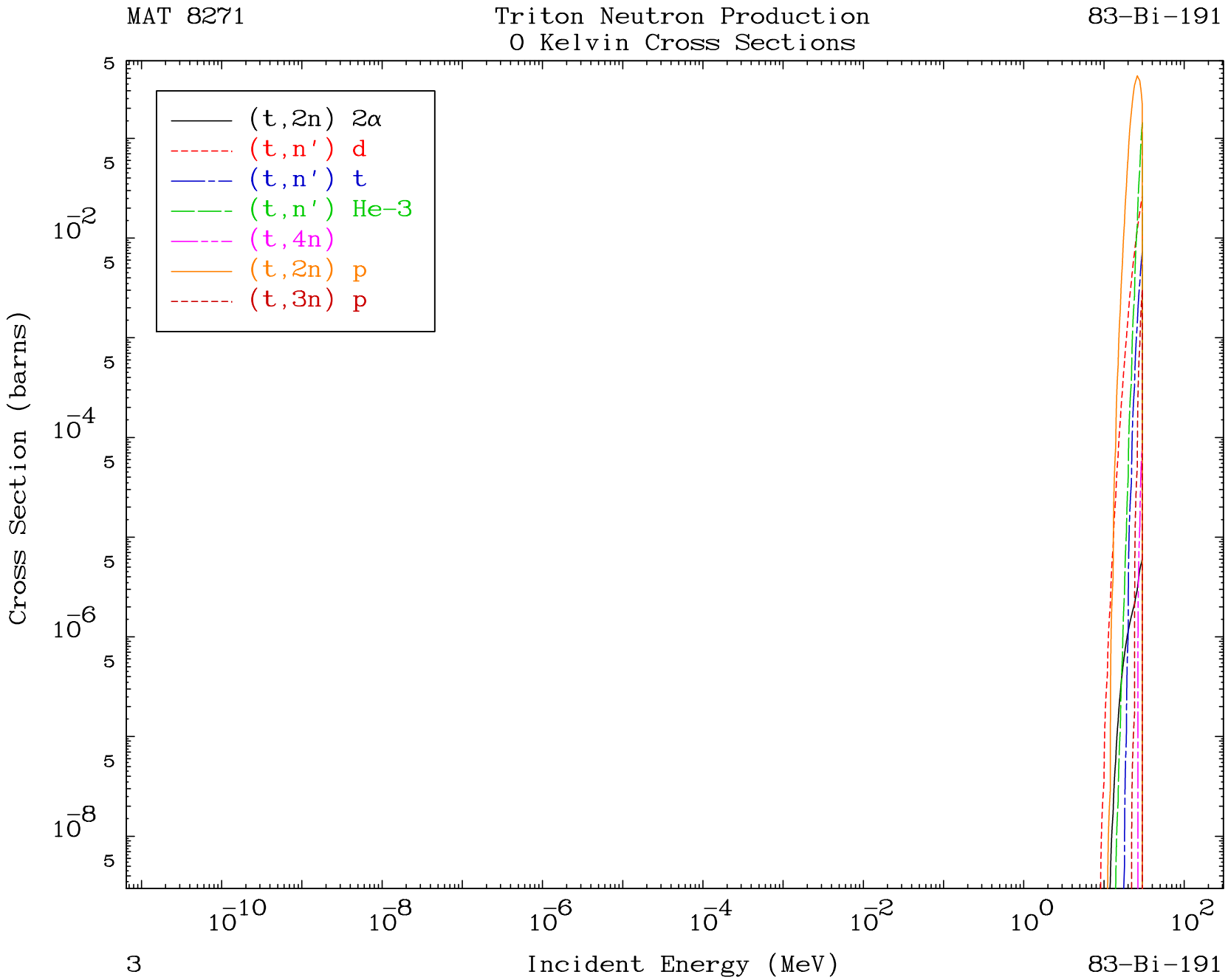
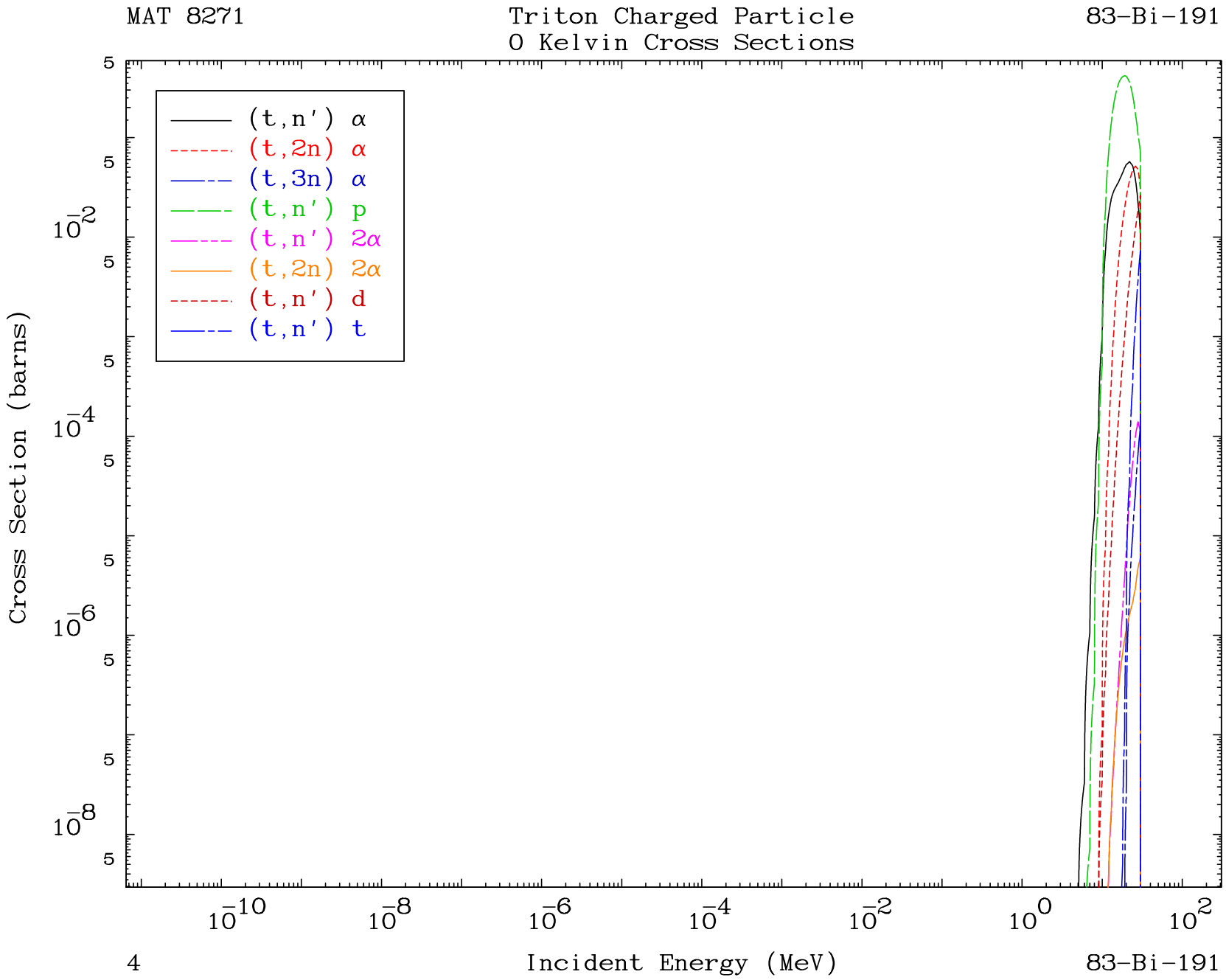
Program EVALPLOT
(Version 2018-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

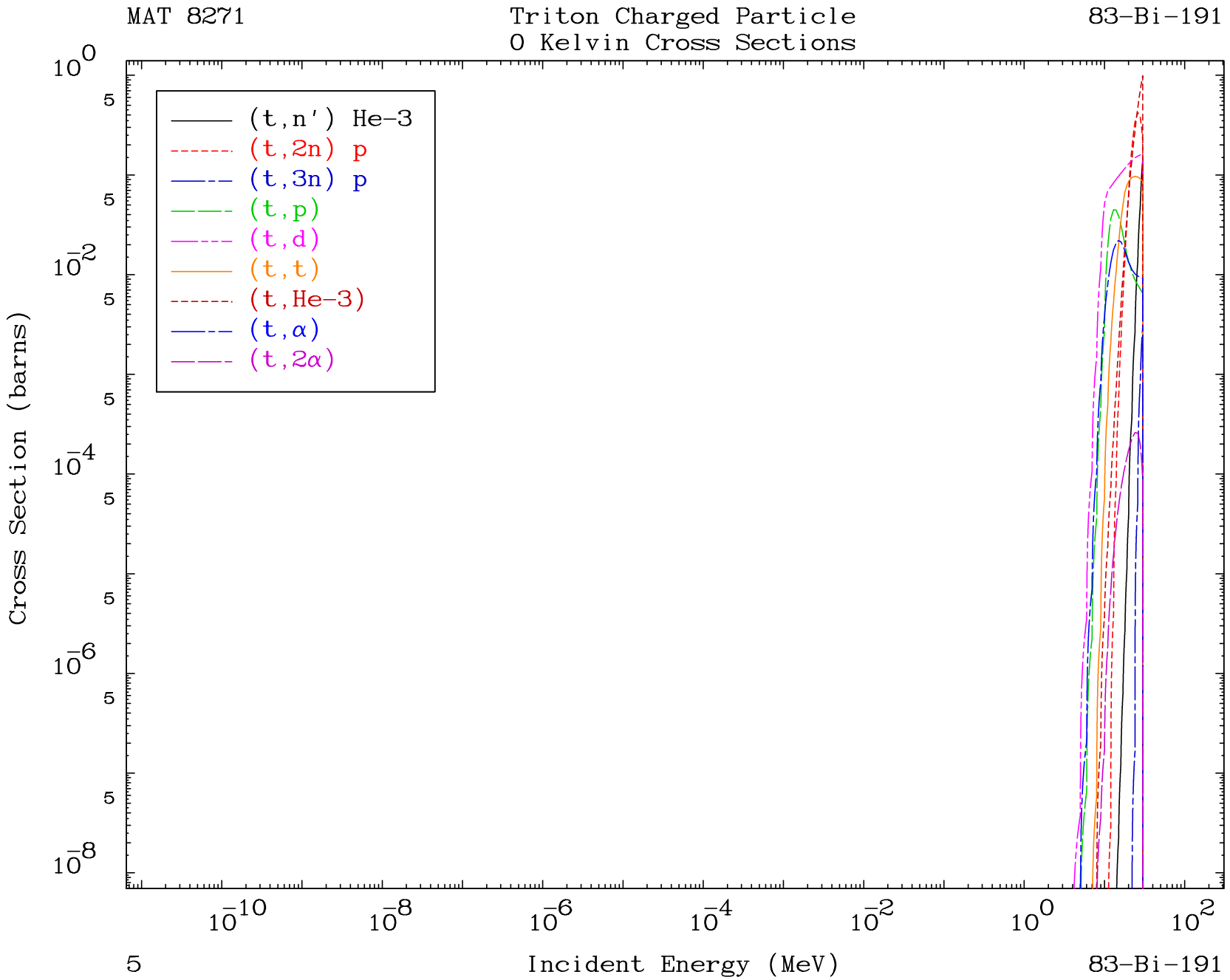
Press Mouse Button to Start

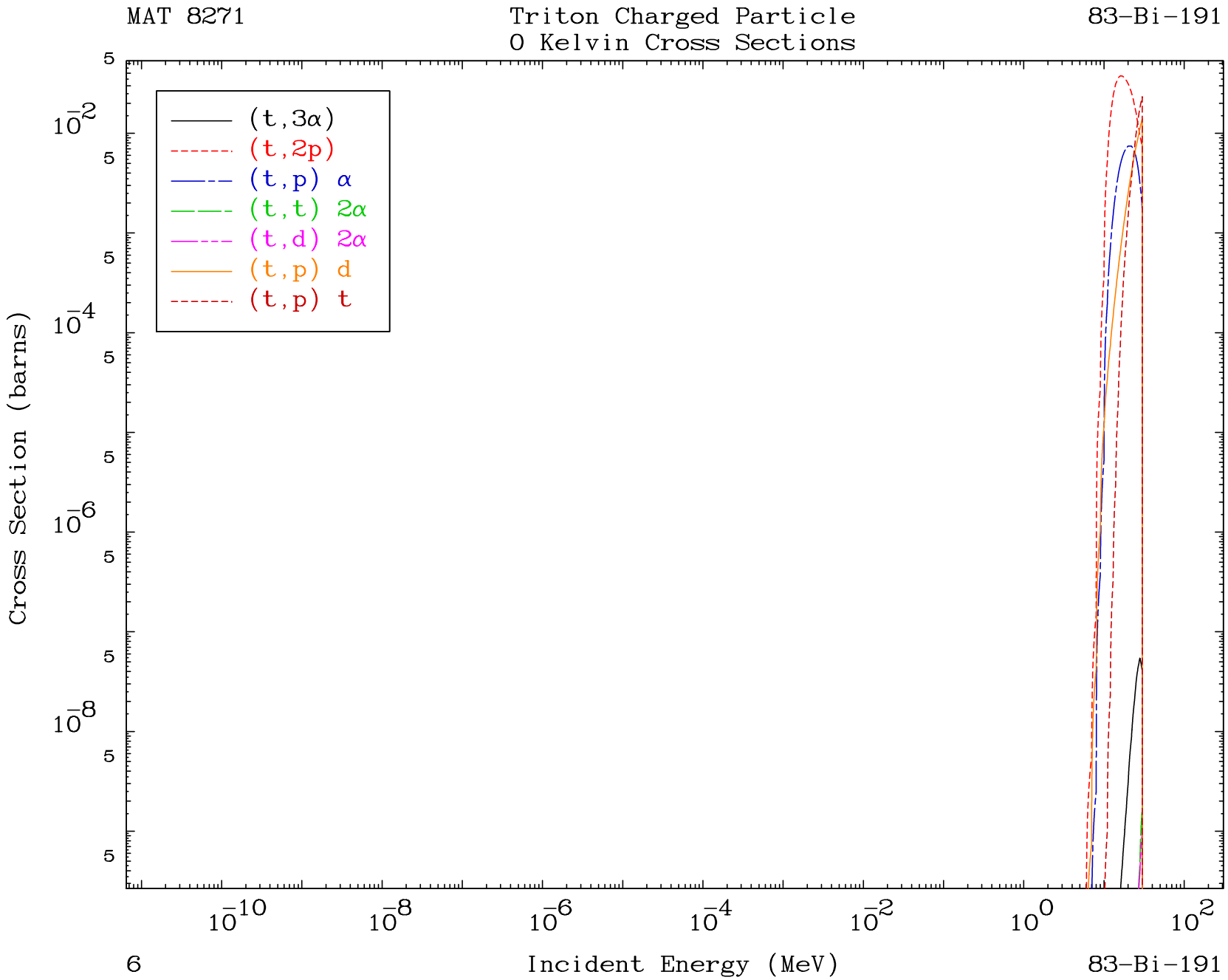

MAT 8271
Triton Major
83-Bi-191
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
1
83-Bi-191

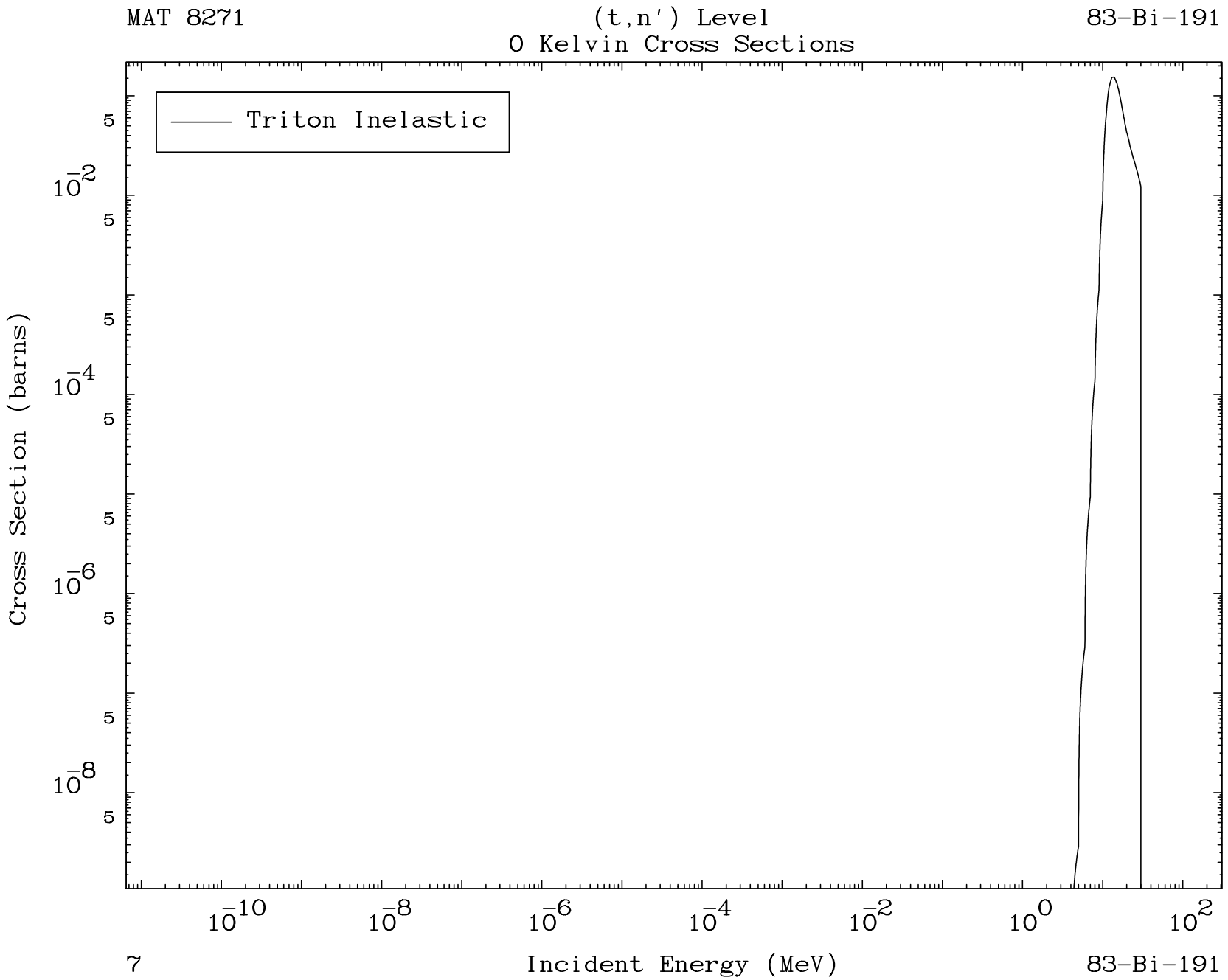

MAT 8271
Triton Neutron Production
0 Kelvin Cross Sections
83-Bi-191
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
83-Bi-191

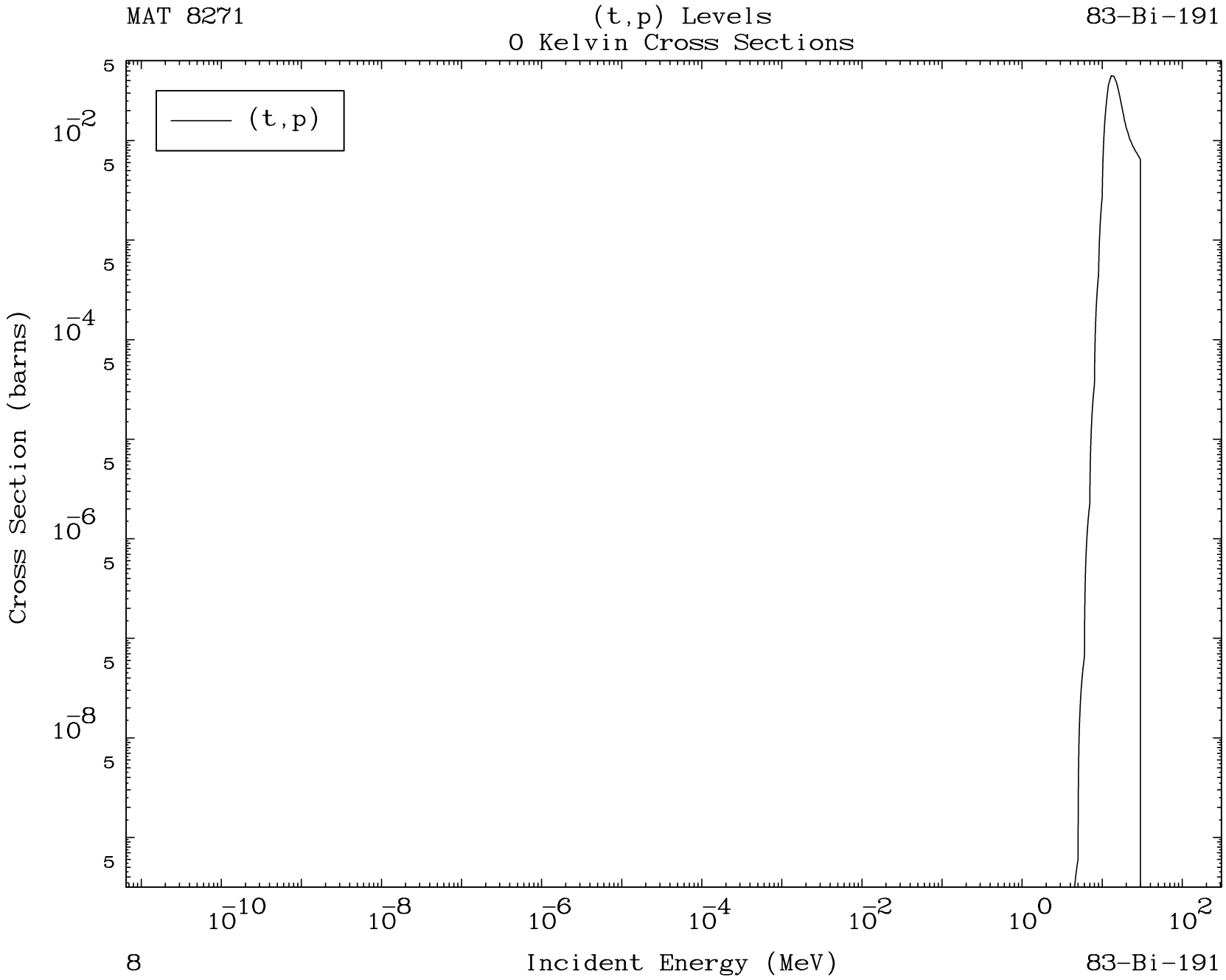

MAT 8271
Triton Neutron Production
0 Kelvin Cross Sections
83-Bi-191
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
83-Bi-191

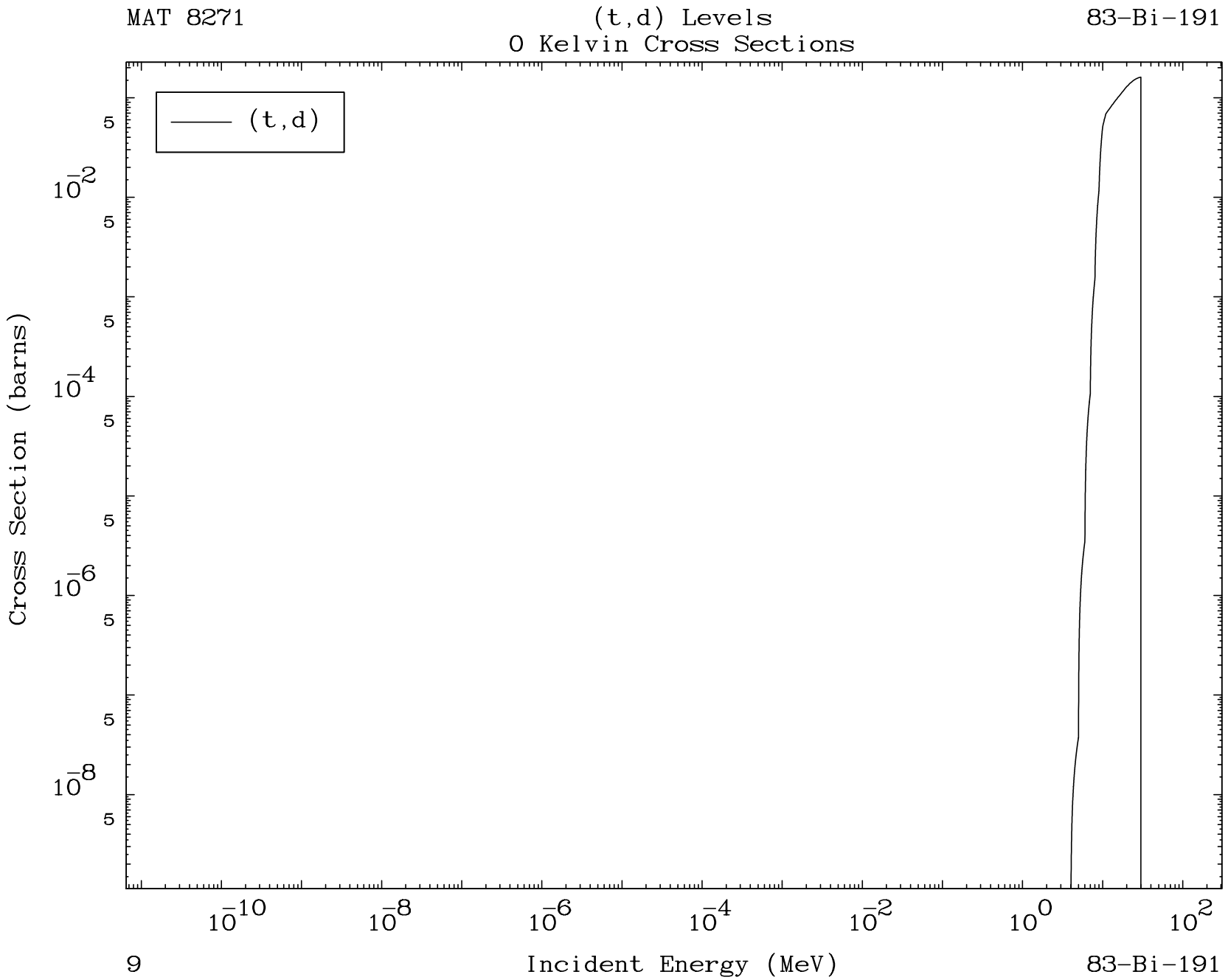

MAT 8271
Triton Charged Particle
0 Kelvin Cross Sections
83-Bi-191
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
(t,2n) 2α
(t,n') d
(t,n') t
Cross Section (barns)
Incident Energy (MeV)
4
83-Bi-191

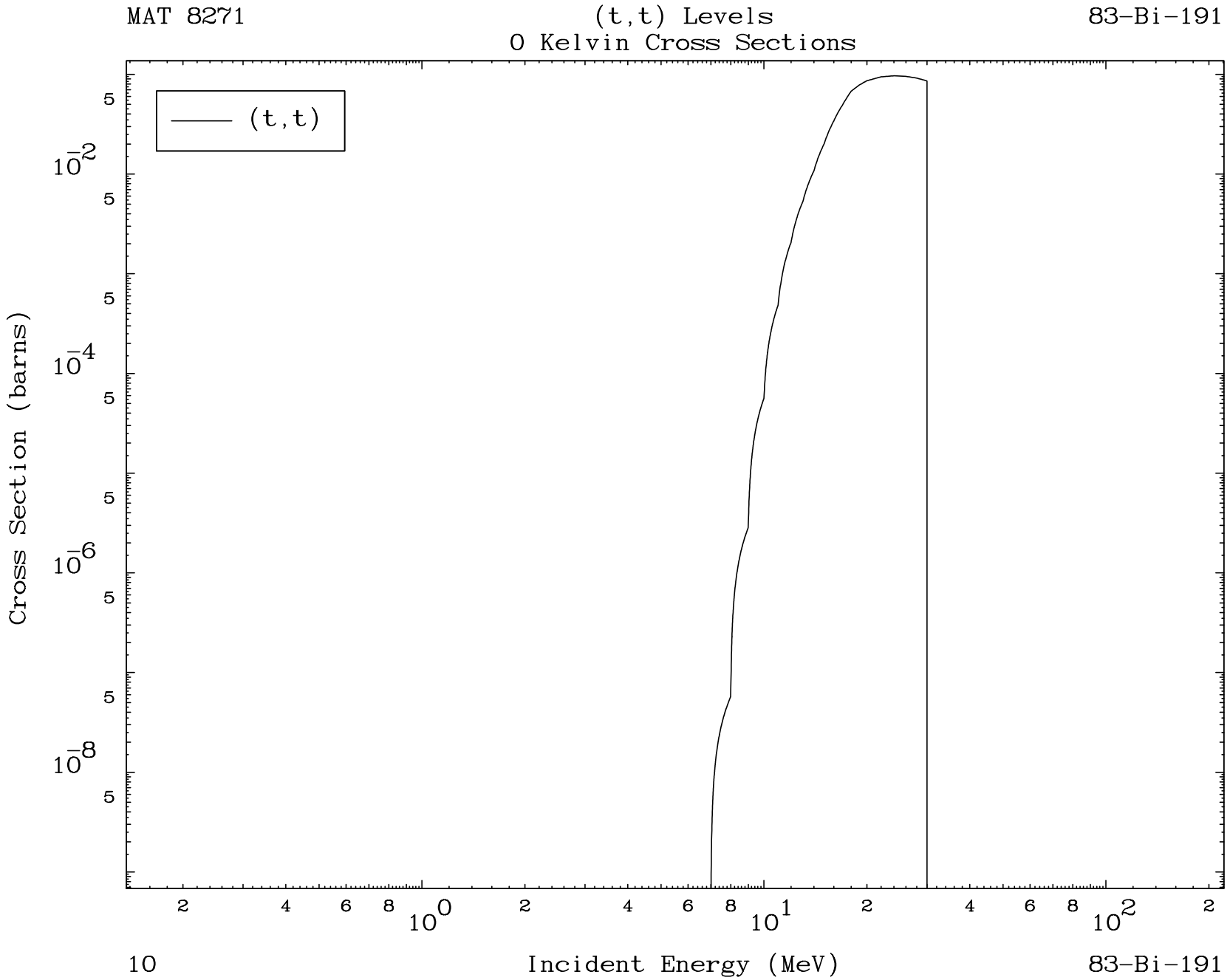

MAT 8271
Triton Charged Particle
0 Kelvin Cross Sections
83-Bi-191
(t,n') He-3
(t,2n) p
(t,3n) p
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2α)
Cross Section (barns)
Incident Energy (MeV)
83-Bi-191

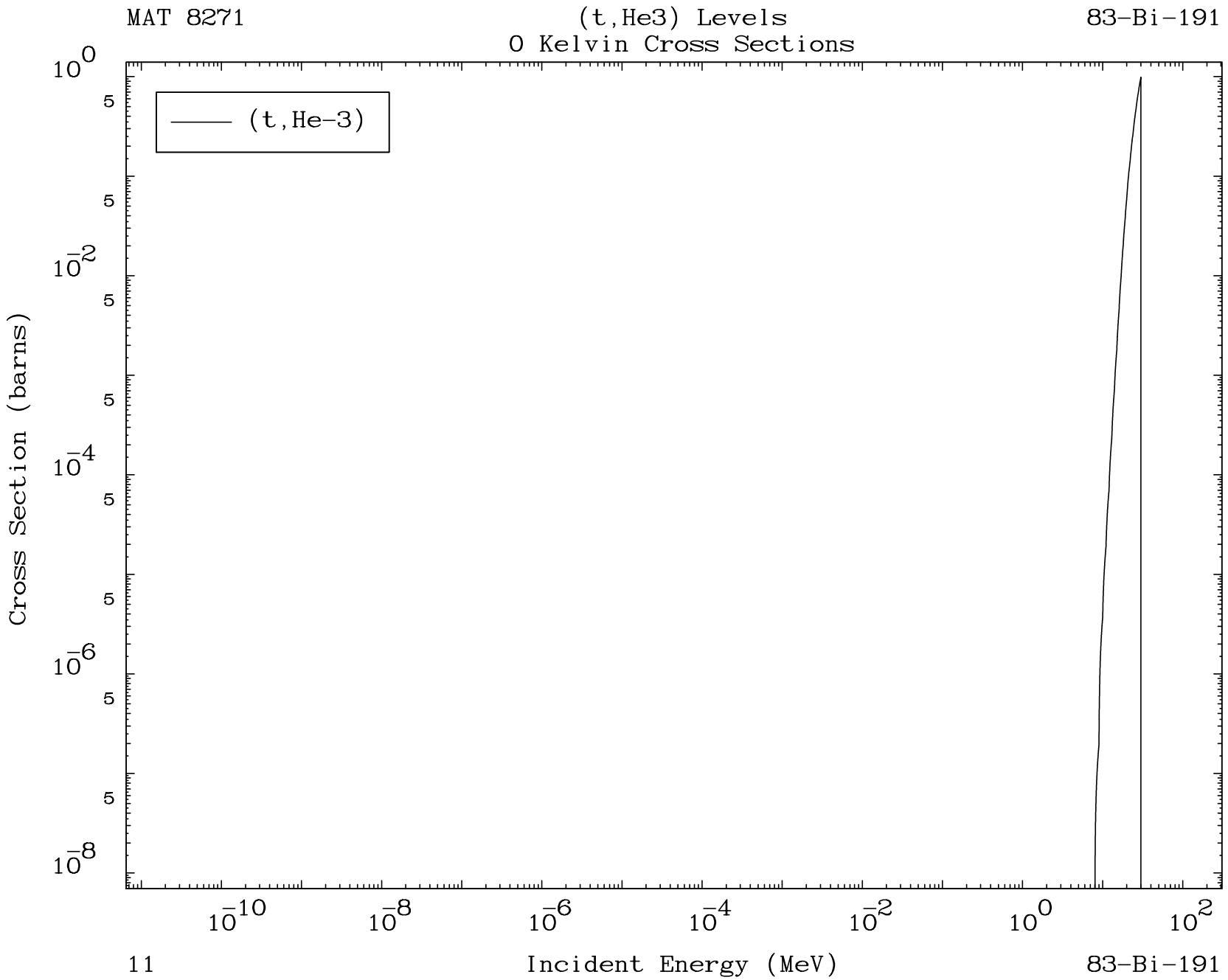

MAT 8271
Triton Charged Particle
0 Kelvin Cross Sections
83-Bi-191
(t,3α)
(t,2p)
(t,p) α
(t,t) 2α
(t,d) 2α
(t,p) d
(t,p) t
Cross Section (barns)
Incident Energy (MeV)
6
83-Bi-191

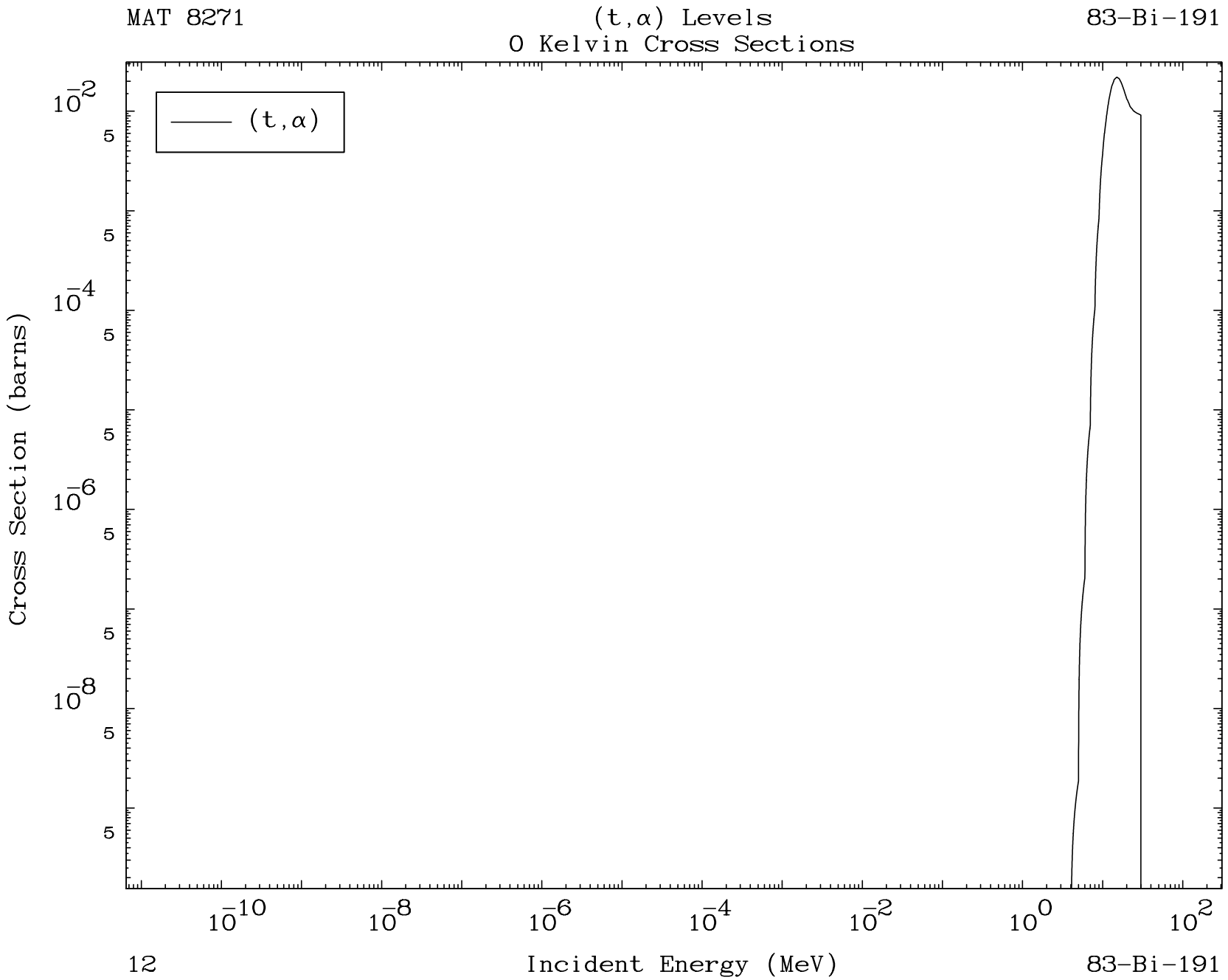

MAT 8271
(t,n') Level
83-Bi-191
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
Incident Energy (MeV)
7
83-Bi-191

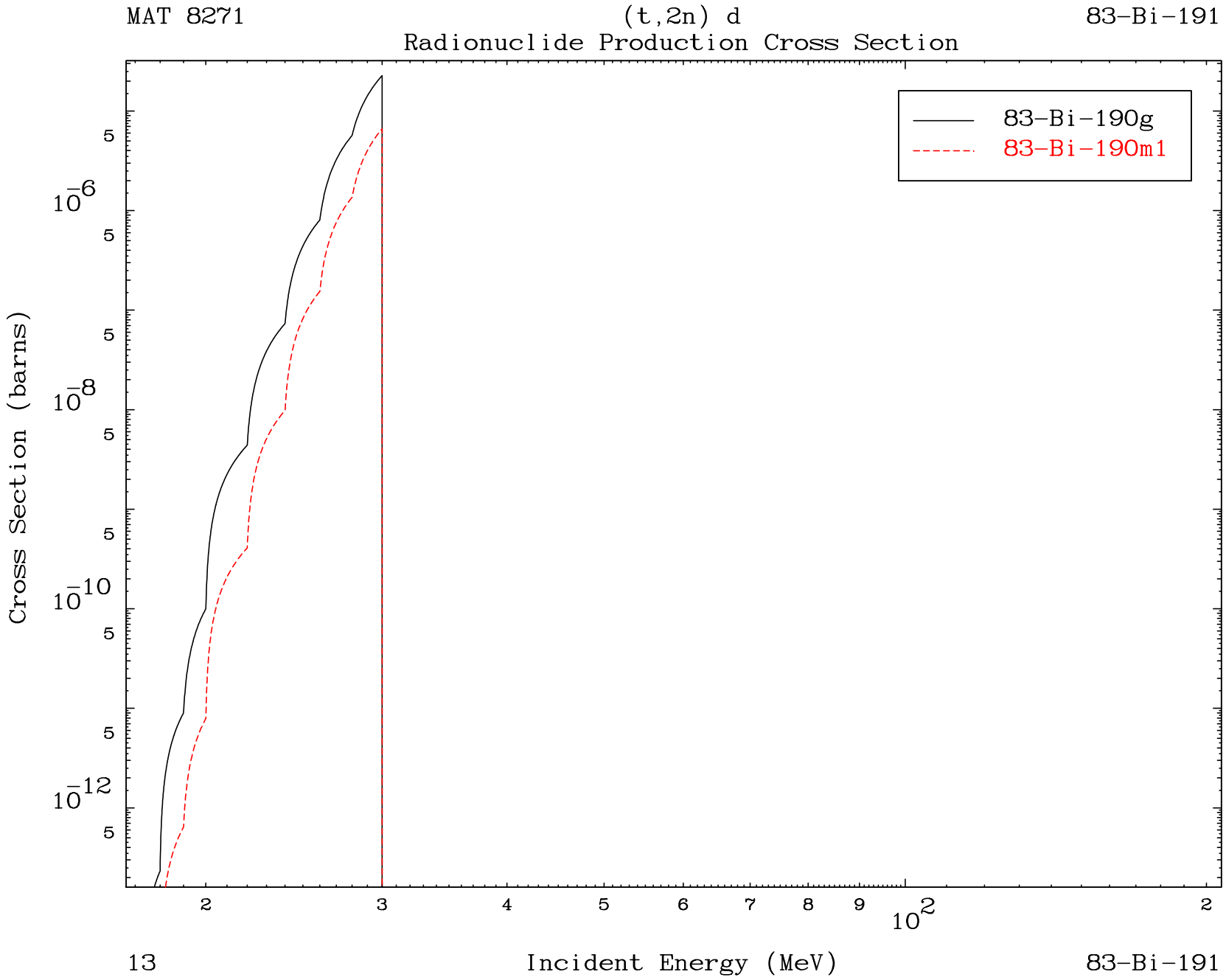

MAT 8271
(t,p) Levels
83-Bi-191
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
8
83-Bi-191

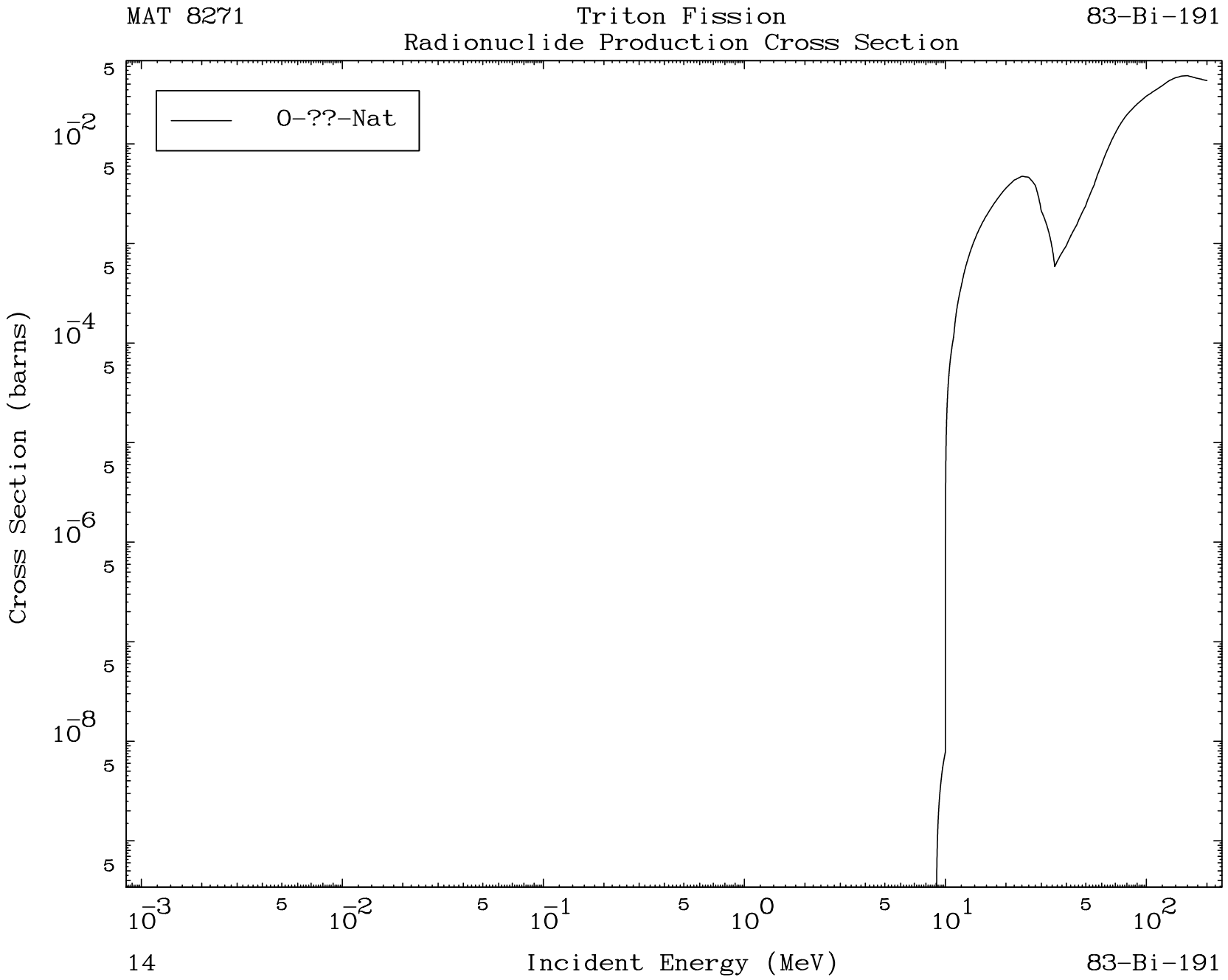

MAT 8271
(t,d) Levels
83-Bi-191
0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
9
83-Bi-191

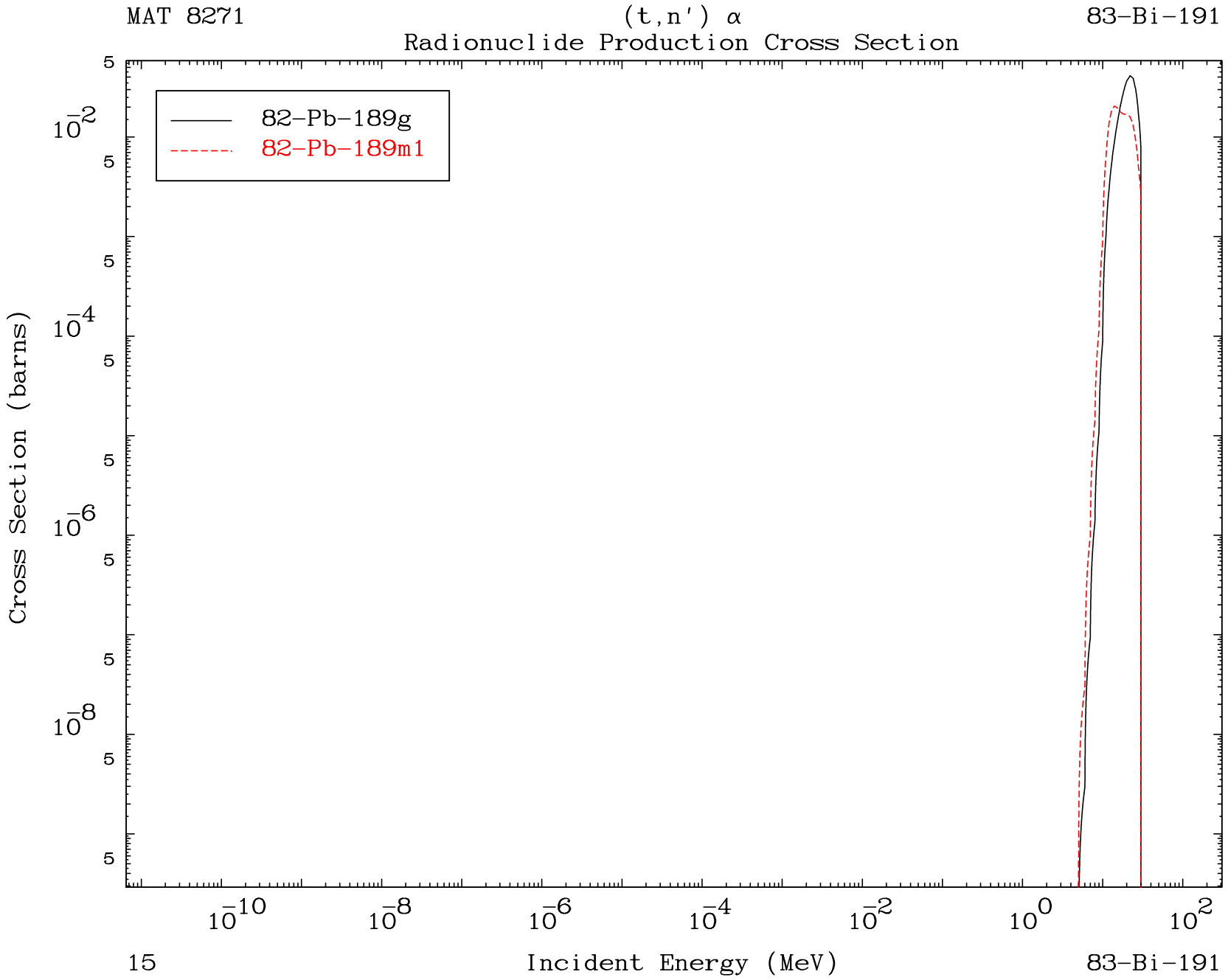

MAT 8271
(t,t) Levels
83-Bi-191
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
10
83-Bi-191

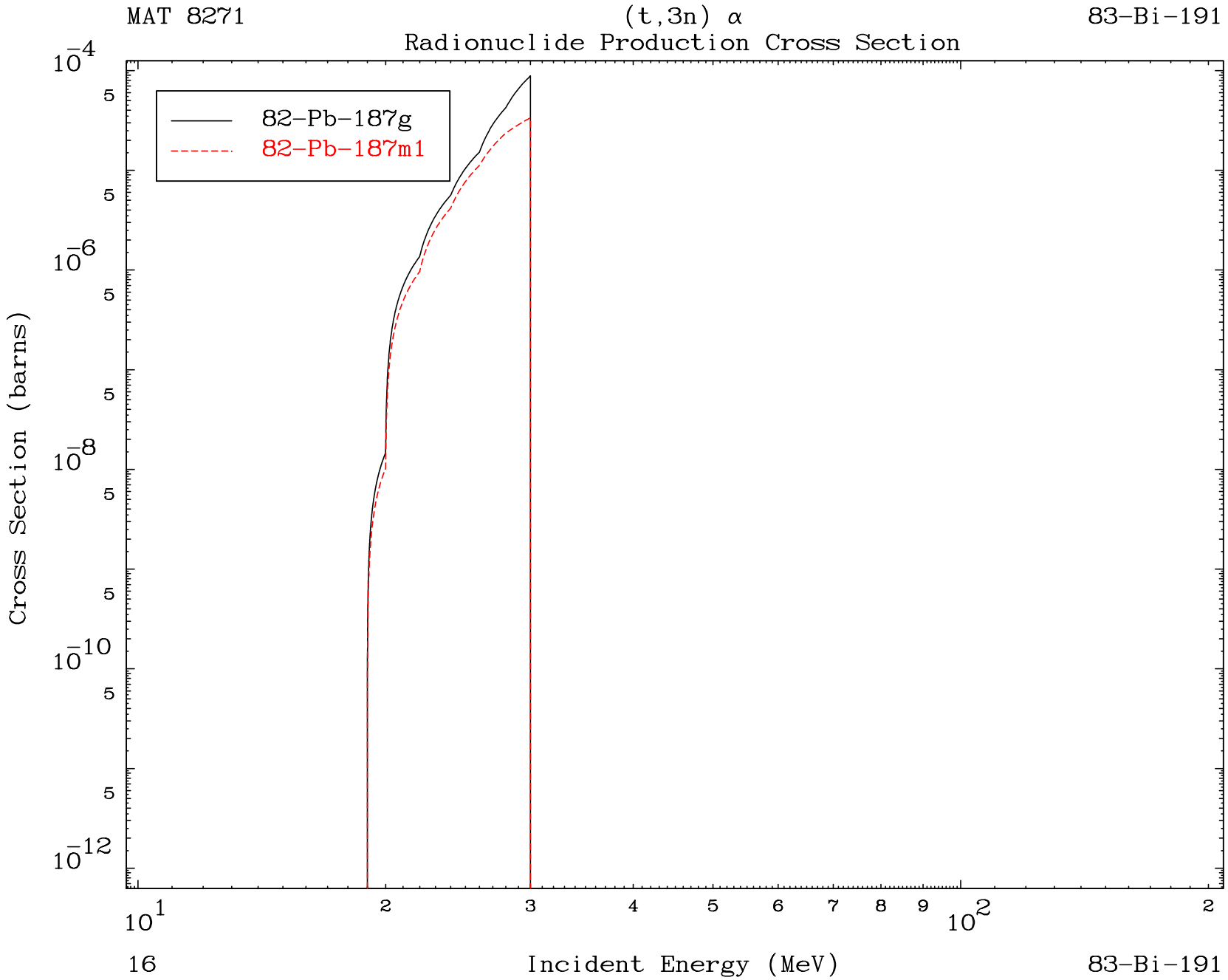

MAT 8271
(t,He3) Levels
83-Bi-191
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
83-Bi-191

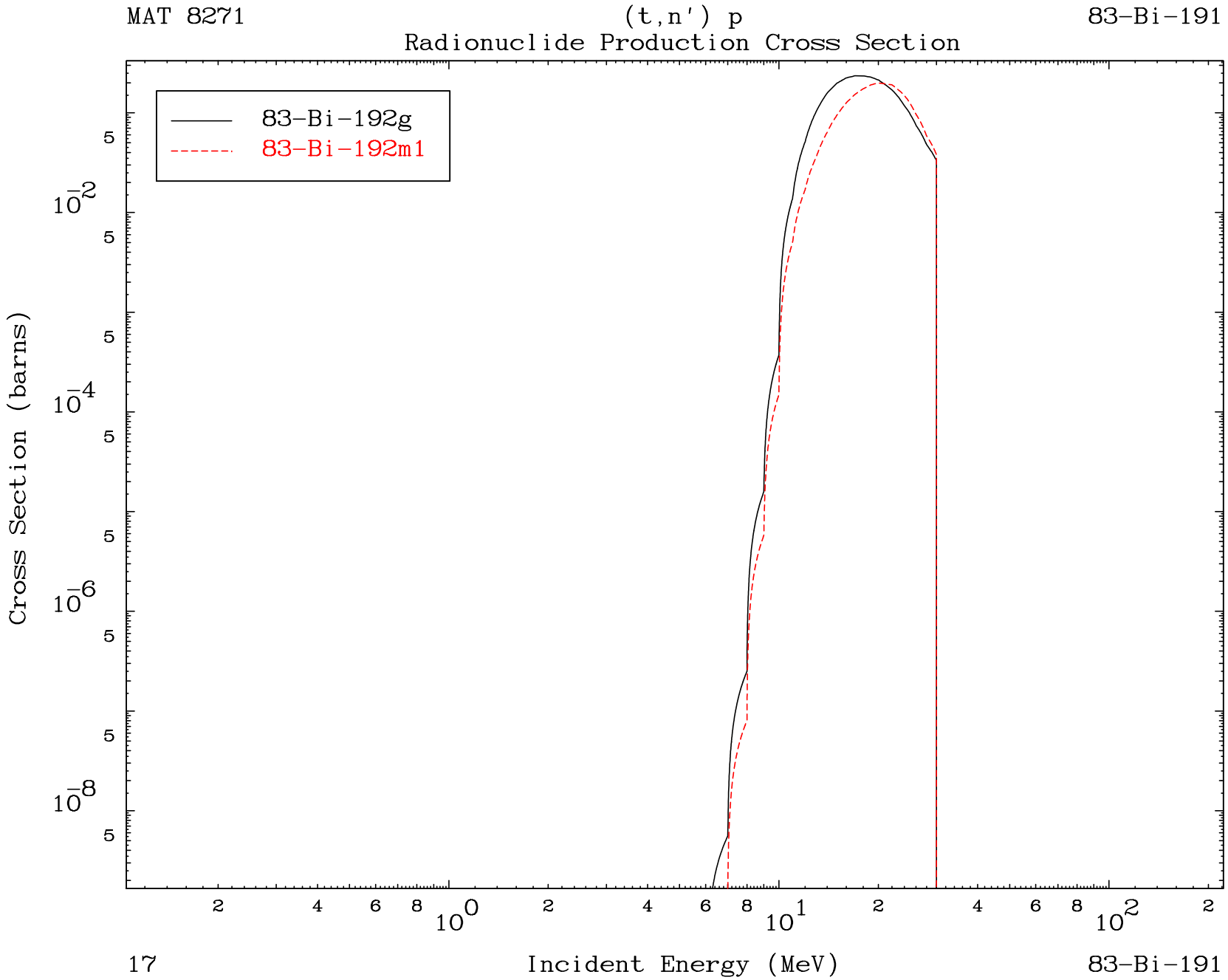

MAT 8271
(t,α) Levels
83-Bi-191
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
Incident Energy (MeV)
12
83-Bi-191

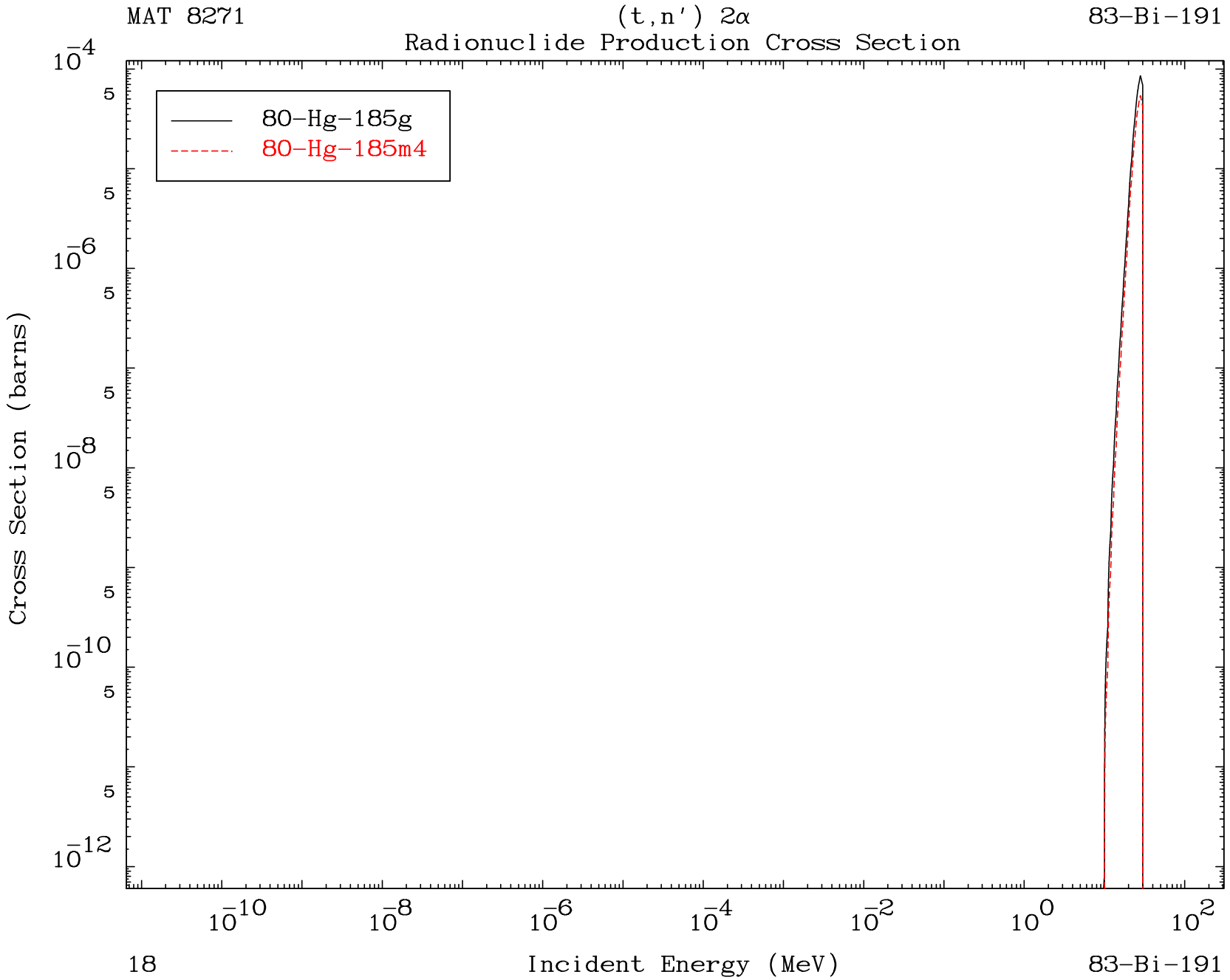

MAT 8271
(t,2n) d
83-Bi-191
Radionuclide Production Cross Section
83-Bi-190g
83-Bi-190m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
6
7
8
9
10 2
Incident Energy (MeV)
13
83-Bi-191

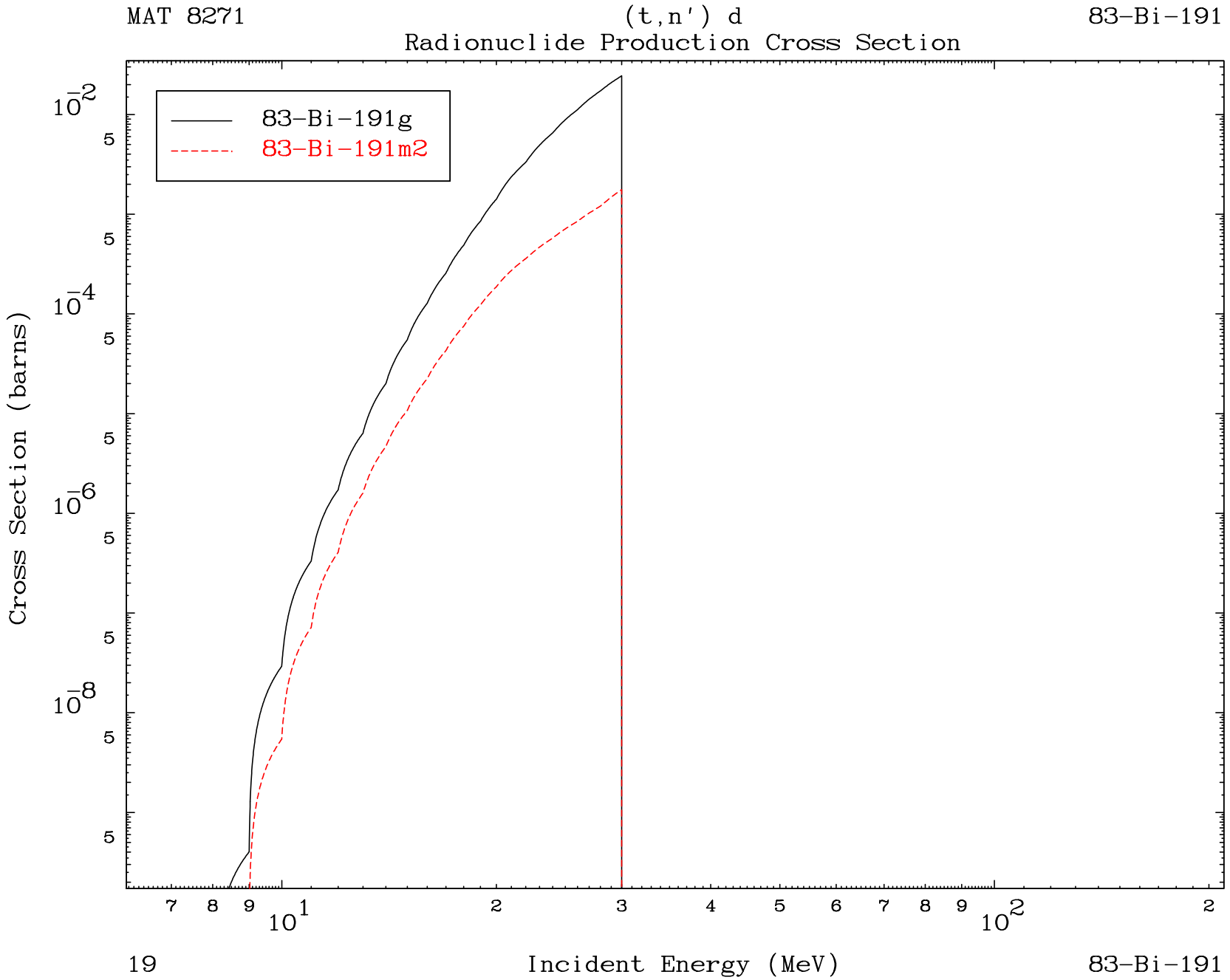

MAT 8271
Triton Fission
83-Bi-191
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
14
83-Bi-191

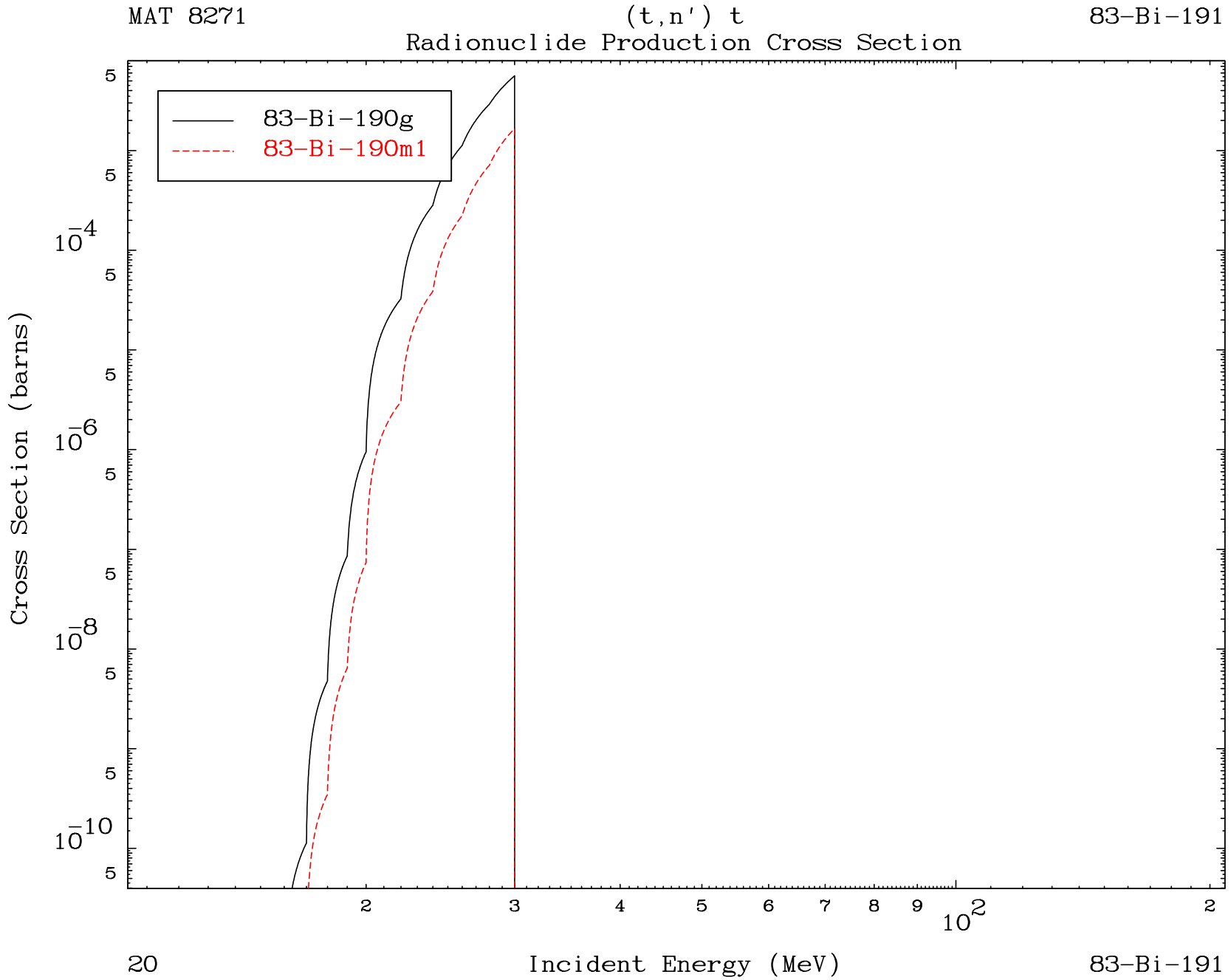

MAT 8271
(t,n') α
83-Bi-191
Radionuclide Production Cross Section
82-Pb-189g
82-Pb-189m1
Cross Section (barns)
Incident Energy (MeV)
15
83-Bi-191

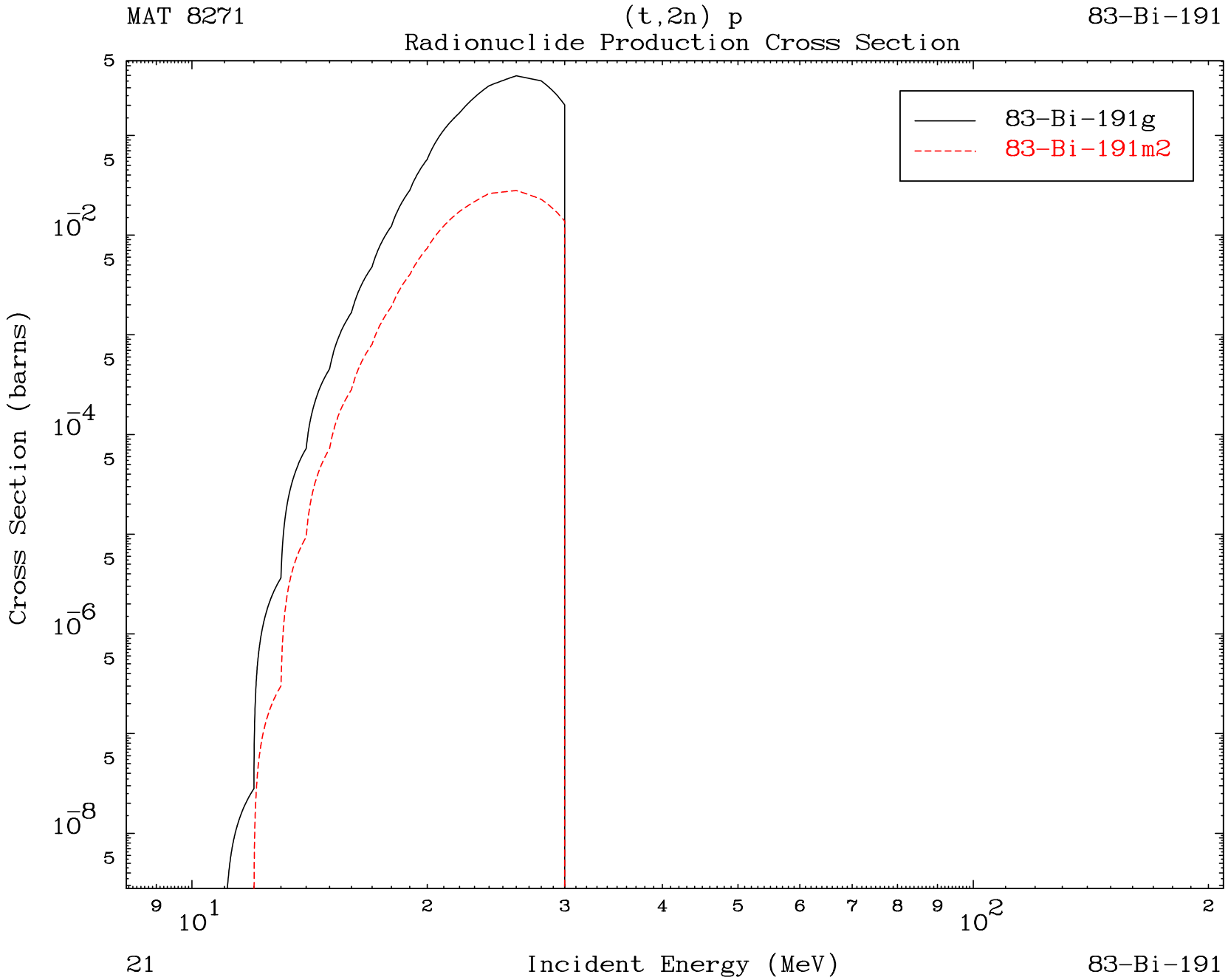

MAT 8271
(t,3n) α
83-Bi-191
Radionuclide Production Cross Section
82-Pb-187g
82-Pb-187m1
Cross Section (barns)
Incident Energy (MeV)
16
83-Bi-191

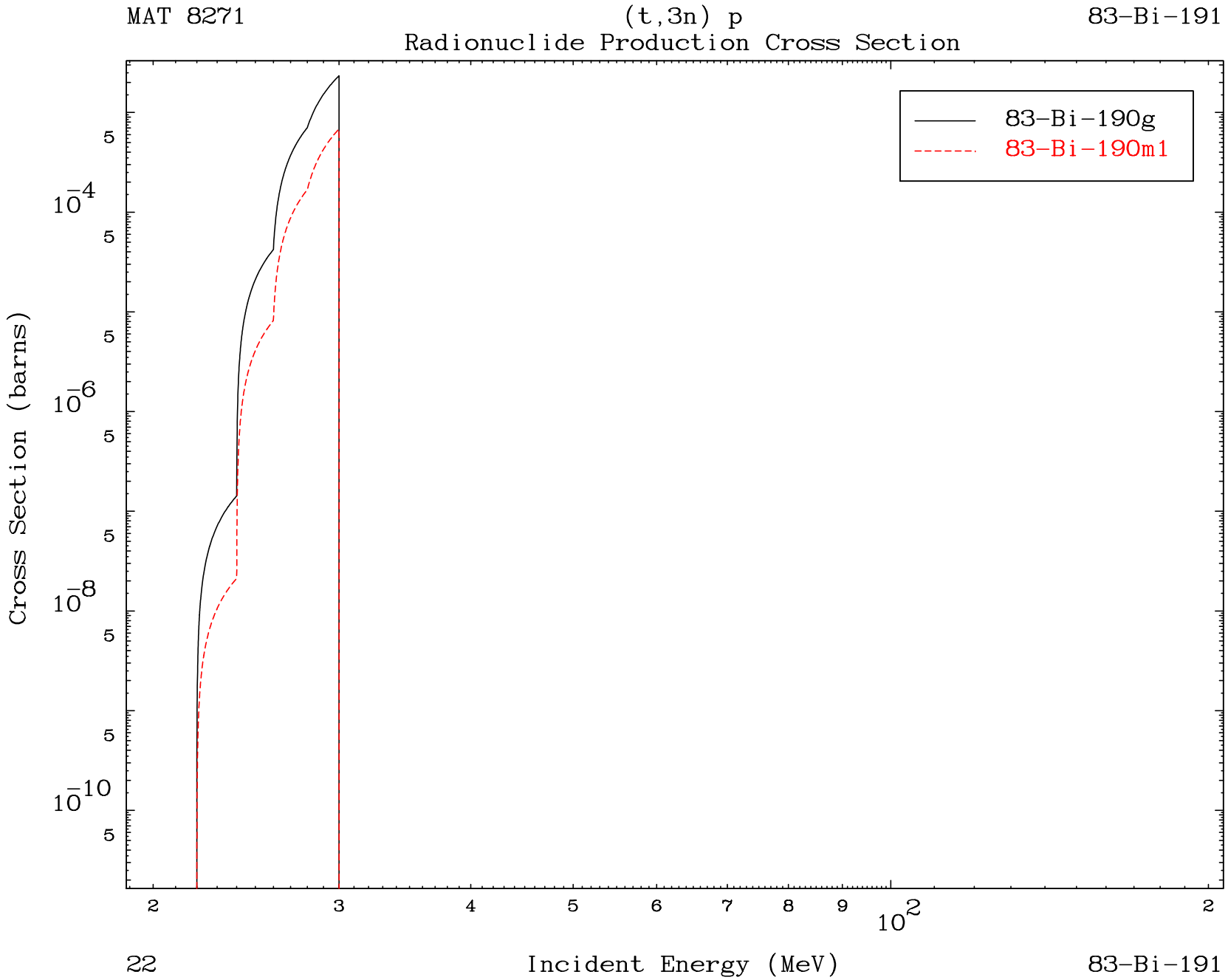

MAT 8271
(t,n') p
83-Bi-191
Radionuclide Production Cross Section
83-Bi-192g
83-Bi-192m1
Cross Section (barns)
Incident Energy (MeV)
17
83-Bi-191

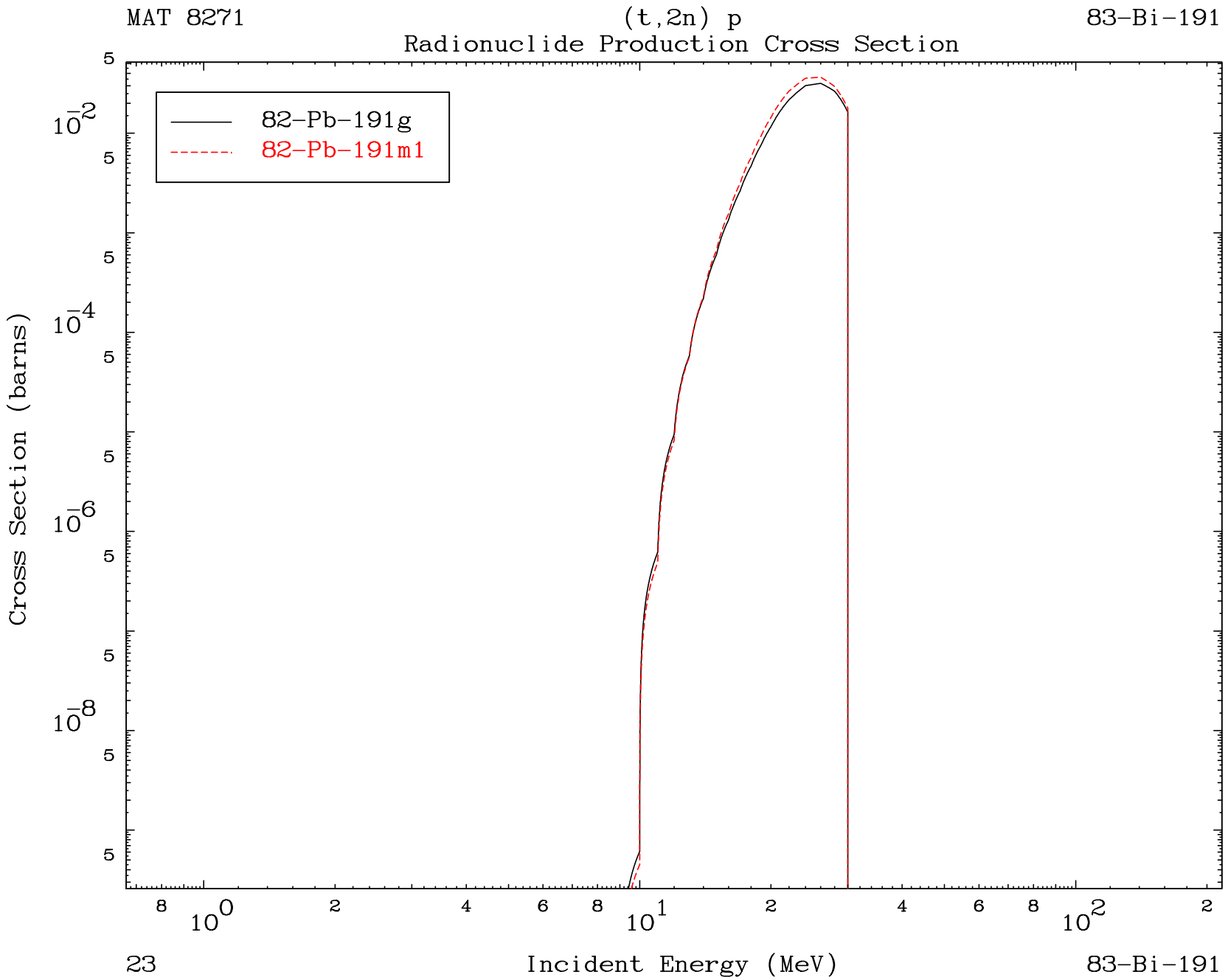

MAT 8271
(t,n') 2α
83-Bi-191
Radionuclide Production Cross Section
80-Hg-185g
80-Hg-185m4
Cross Section (barns)
Incident Energy (MeV)
18
83-Bi-191

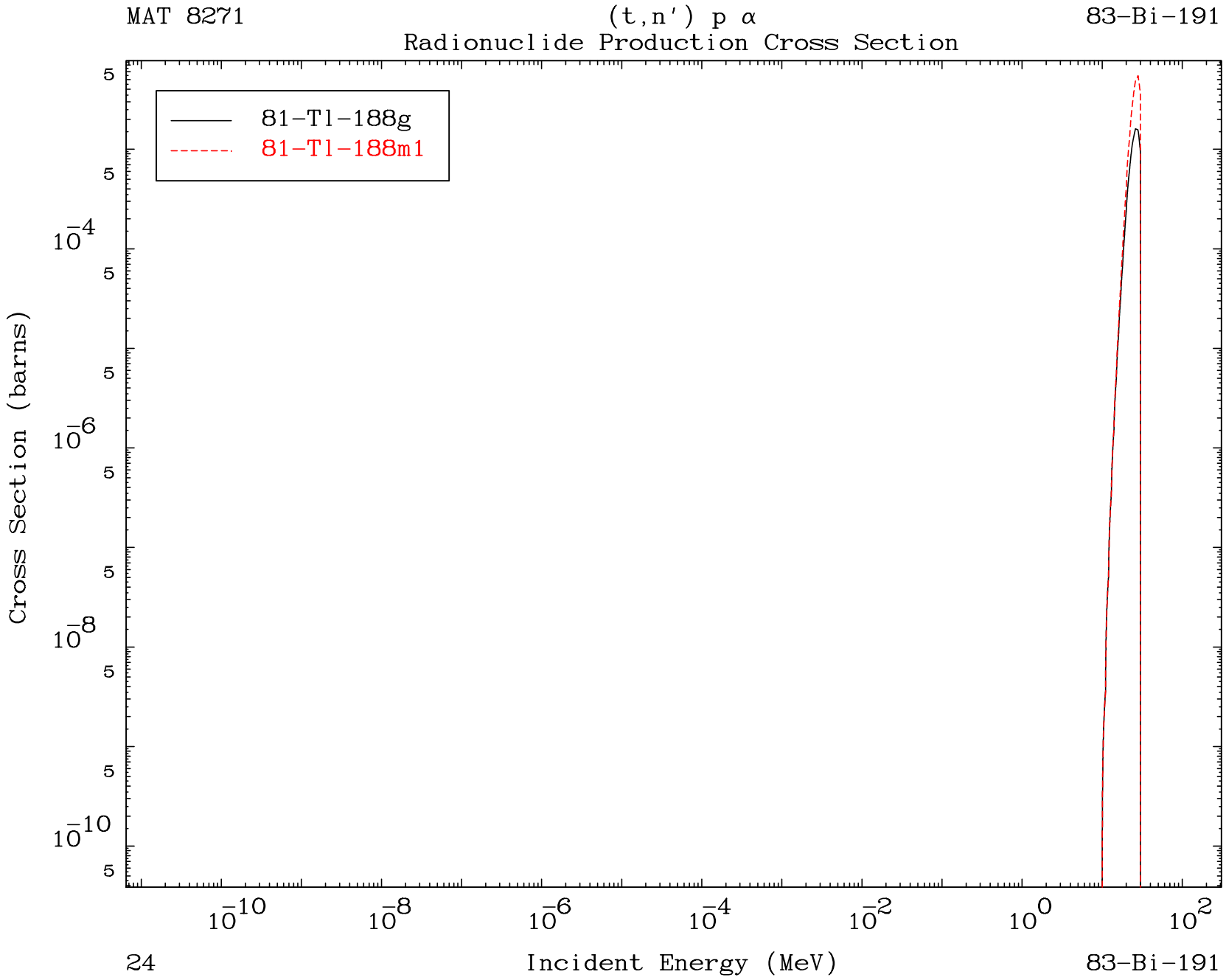

MAT 8271
(t,n') d
83-Bi-191
Radionuclide Production Cross Section
83-Bi-191g
83-Bi-191m2
Cross Section (barns)
Incident Energy (MeV)
19
83-Bi-191

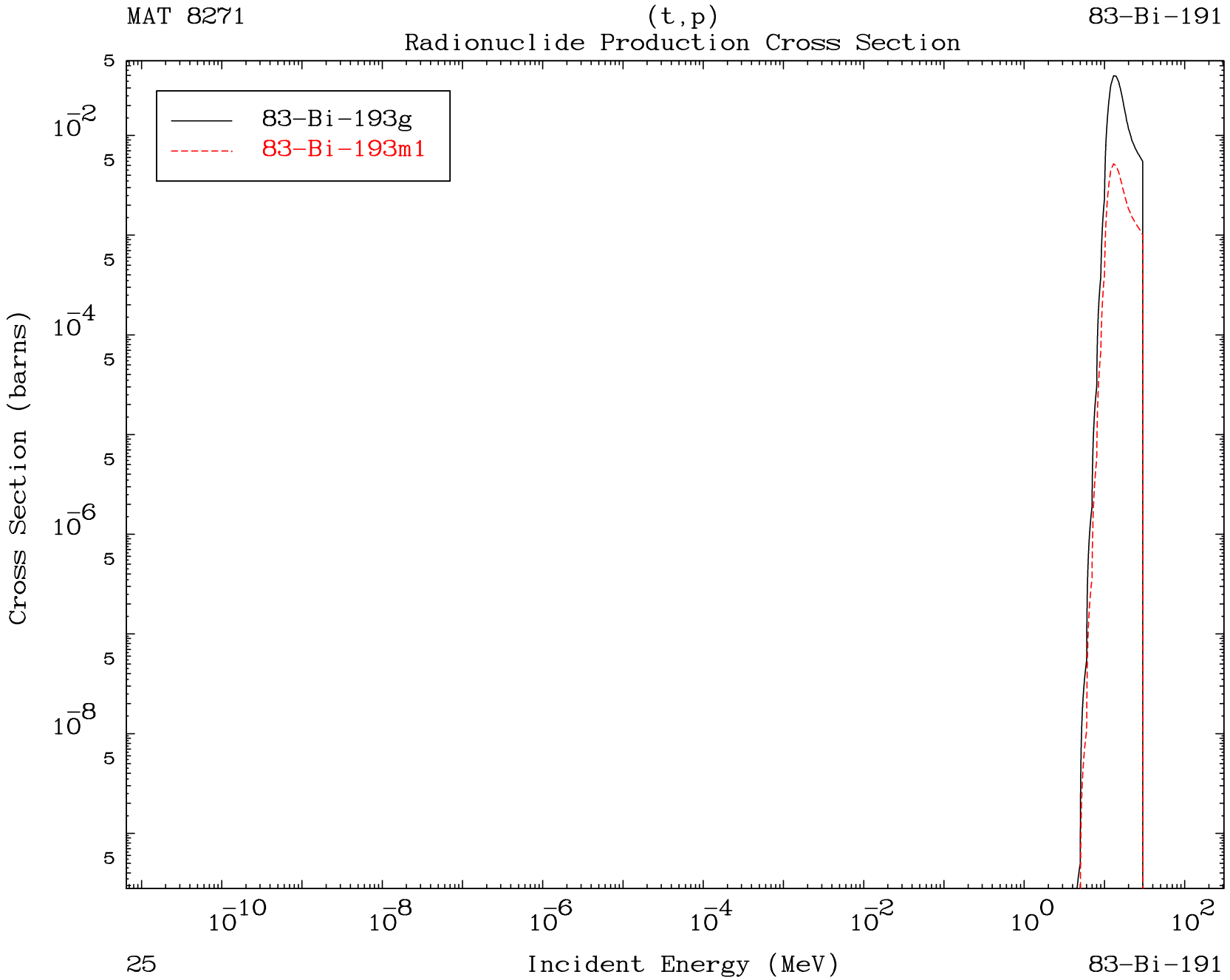

MAT 8271
(t,n') t
83-Bi-191
Radionuclide Production Cross Section
83-Bi-190g
83-Bi-190m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
20
Incident Energy (MeV)
83-Bi-191

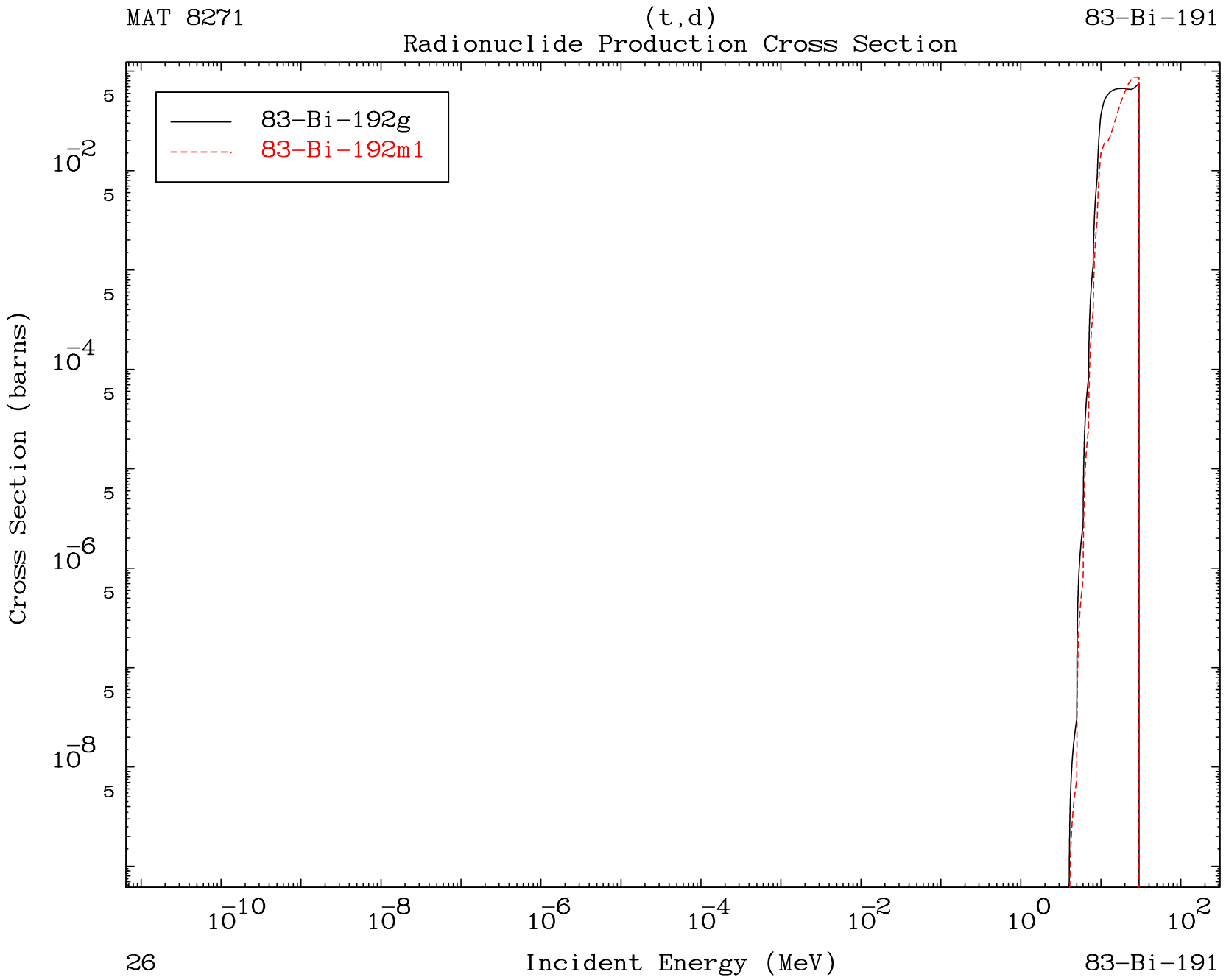

MAT 8271
(t,2n) p
83-Bi-191
Radionuclide Production Cross Section
83-Bi-191g
83-Bi-191m2
Cross Section (barns)
Incident Energy (MeV)
21
83-Bi-191

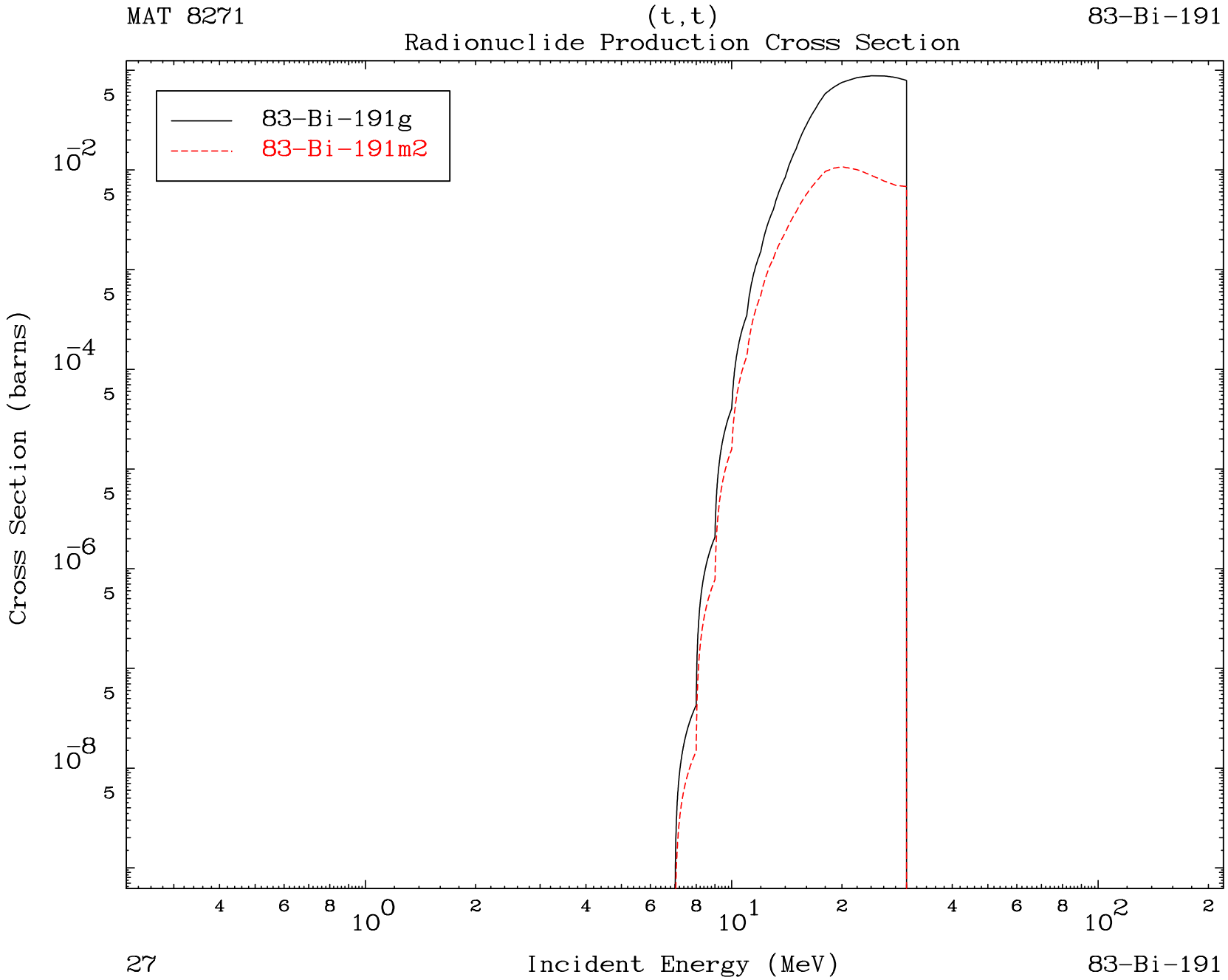

MAT 8271
(t,3n) p
83-Bi-191
Radionuclide Production Cross Section
83-Bi-190g
83-Bi-190m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
22
Incident Energy (MeV)
83-Bi-191

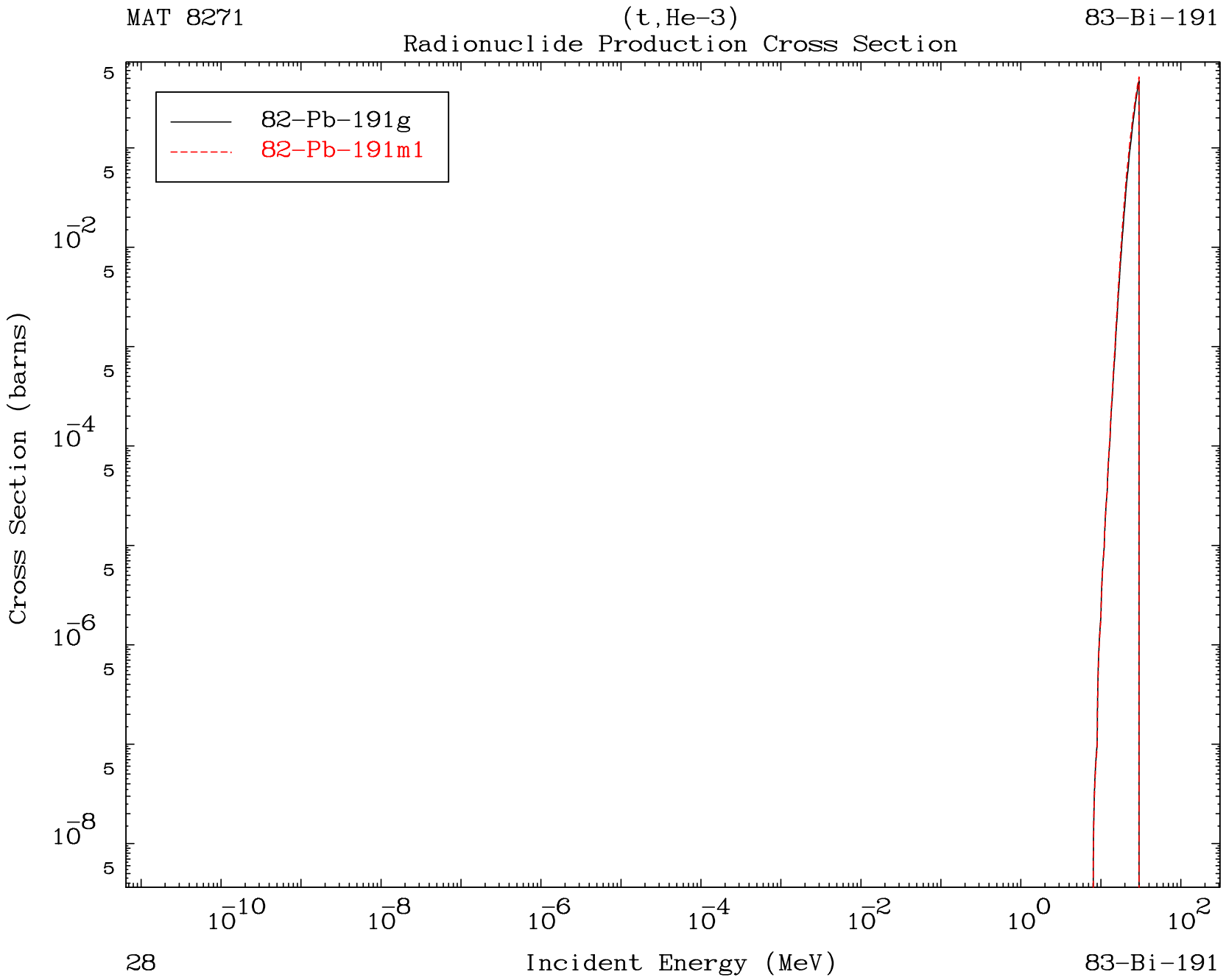

MAT 8271
(t,2n) p
83-Bi-191
Radionuclide Production Cross Section
82-Pb-191g
82-Pb-191m1
Cross Section (barns)
Incident Energy (MeV)
23
83-Bi-191

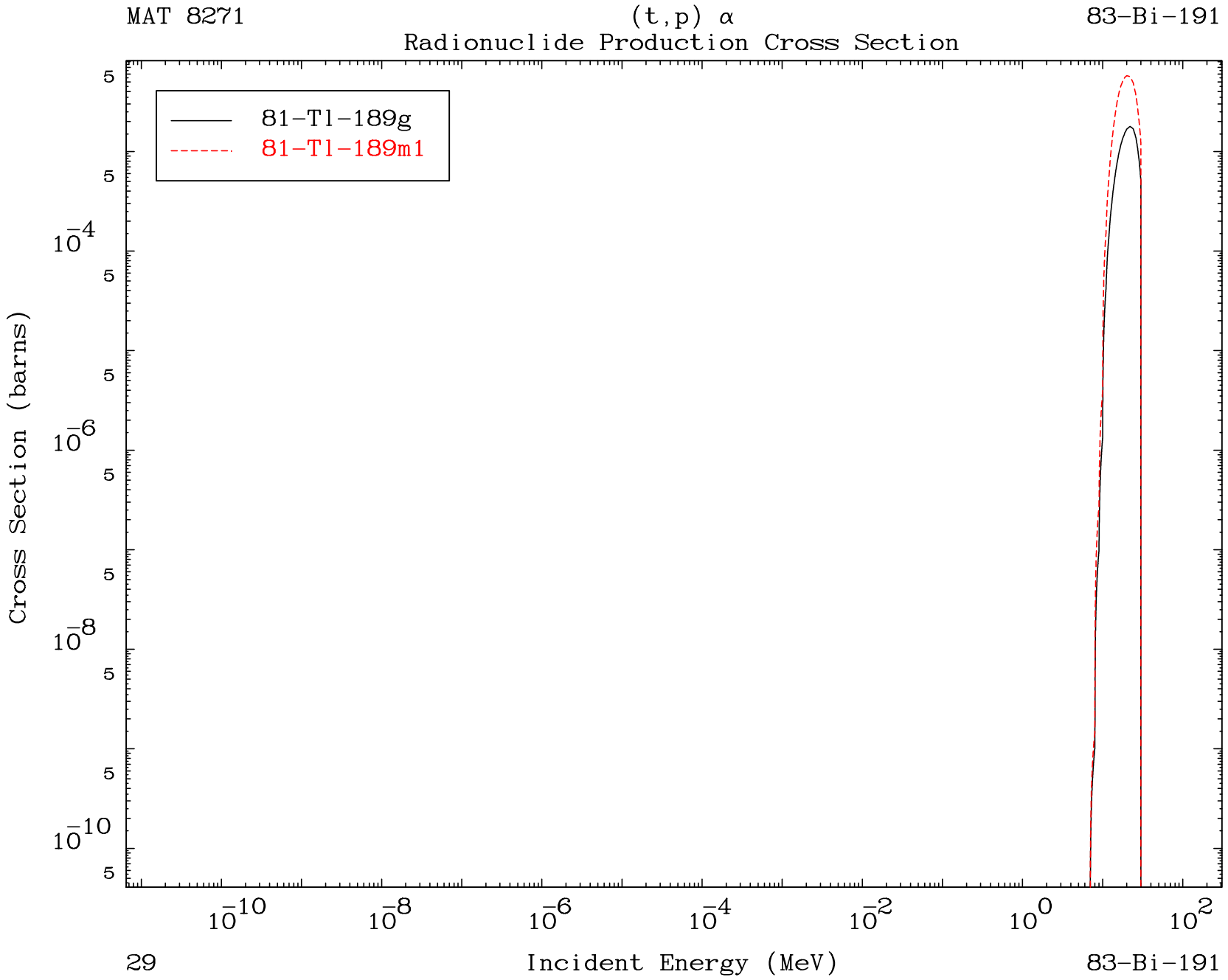

MAT 8271
(t,n') p α
83-Bi-191
Radionuclide Production Cross Section
81-Tl-188g
81-Tl-188m1
Cross Section (barns)
Incident Energy (MeV)
24
83-Bi-191

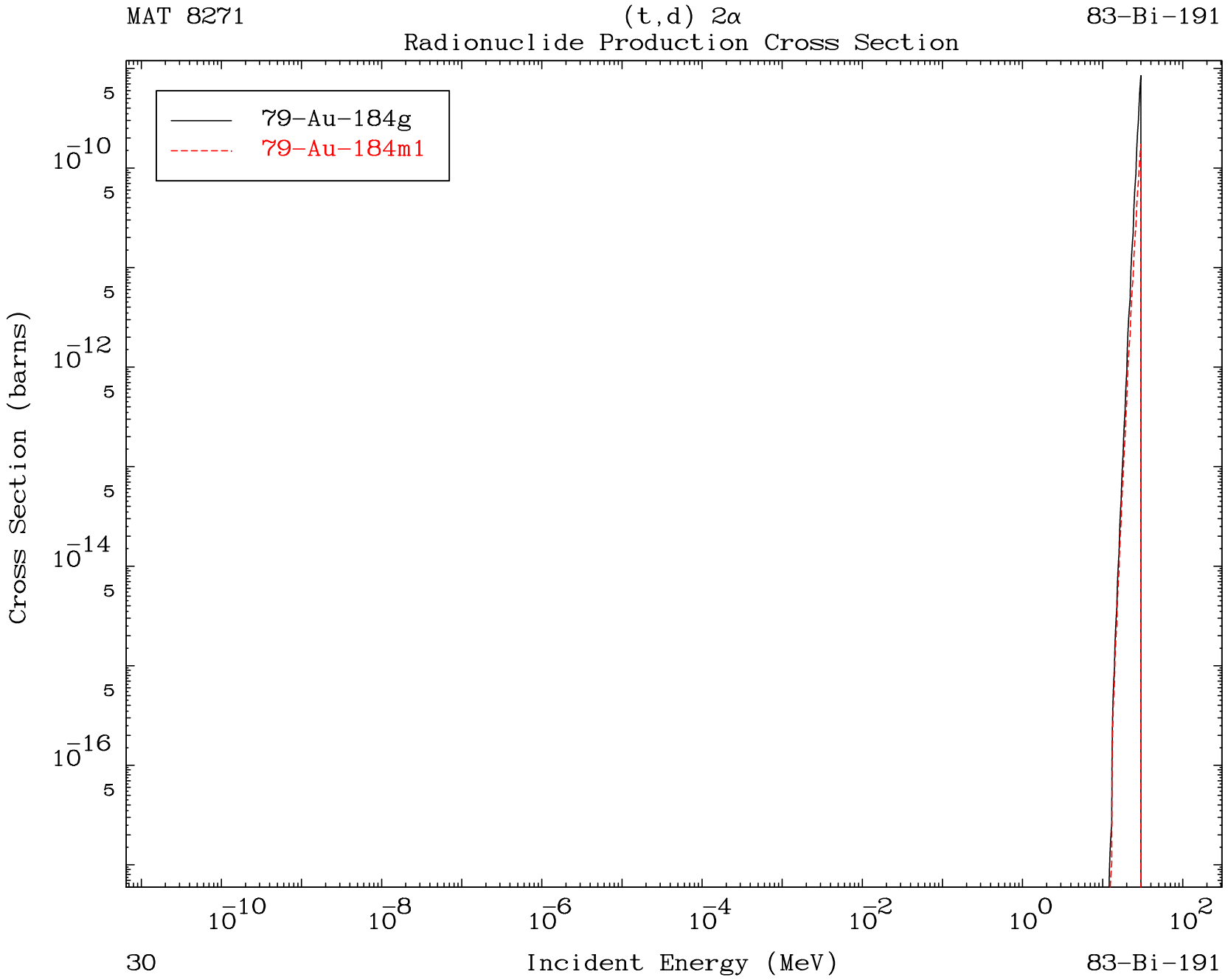

MAT 8271
(t,p)
83-Bi-191
Radionuclide Production Cross Section
83-Bi-193g
83-Bi-193m1
Cross Section (barns)
Incident Energy (MeV)
25
83-Bi-191

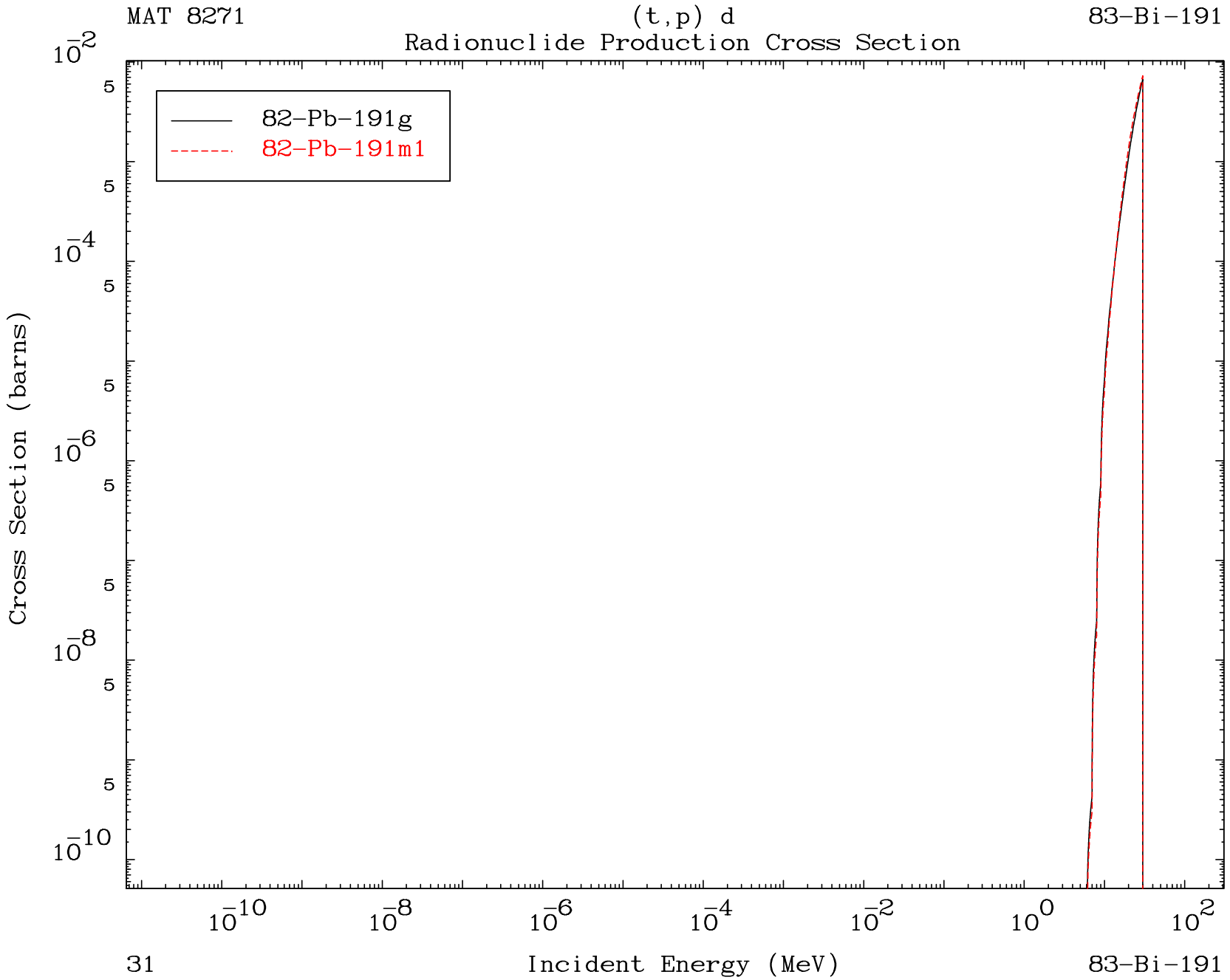

MAT 8271
(t,d)
83-Bi-191
Radionuclide Production Cross Section
83-Bi-192g
83-Bi-192m1
Cross Section (barns)
Incident Energy (MeV)
26
83-Bi-191

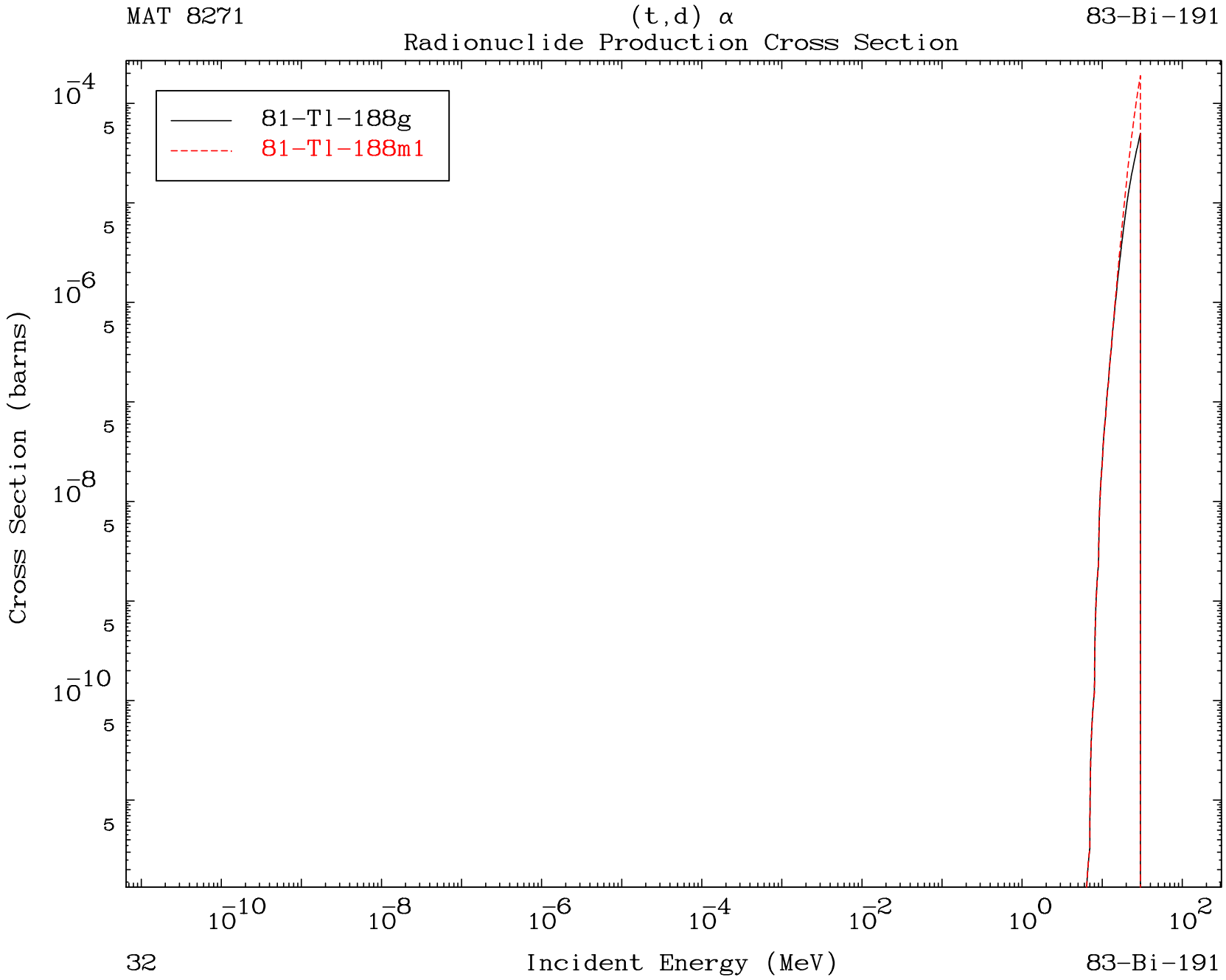

MAT 8271
(t,t)
83-Bi-191
Radionuclide Production Cross Section
83-Bi-191g
83-Bi-191m2
Cross Section (barns)
Incident Energy (MeV)
27
83-Bi-191


MAT 8271
(t,He-3)
83-Bi-191
Radionuclide Production Cross Section
82-Pb-191g
82-Pb-191m1
Cross Section (barns)
Incident Energy (MeV)
28
83-Bi-191


MAT 8271
(t,p) α
83-Bi-191
Radionuclide Production Cross Section
81-Tl-189g
81-Tl-189m1
Cross Section (barns)
Incident Energy (MeV)
29
83-Bi-191


MAT 8271
(t,d) 2α
83-Bi-191
Radionuclide Production Cross Section
79-Au-184g
79-Au-184m1
Cross Section (barns)
Incident Energy (MeV)
30
83-Bi-191


MAT 8271
(t,p) d
83-Bi-191
Radionuclide Production Cross Section
82-Pb-191g
82-Pb-191m1
Cross Section (barns)
Incident Energy (MeV)
31
83-Bi-191


MAT 8271
(t,d) α
83-Bi-191
Radionuclide Production Cross Section
81-Tl-188g
81-Tl-188m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
32
Incident Energy (MeV)
83-Bi-191