

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

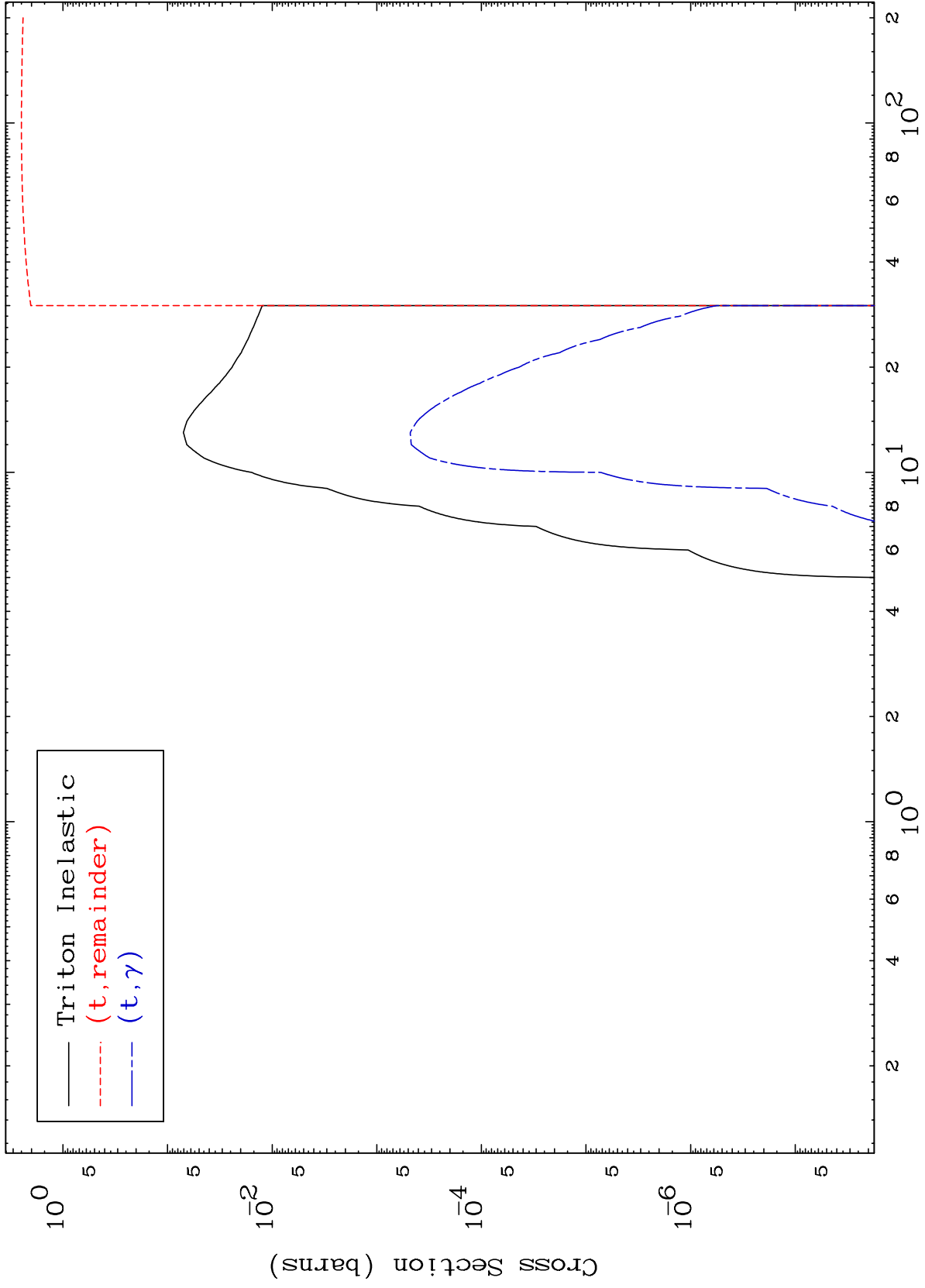
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

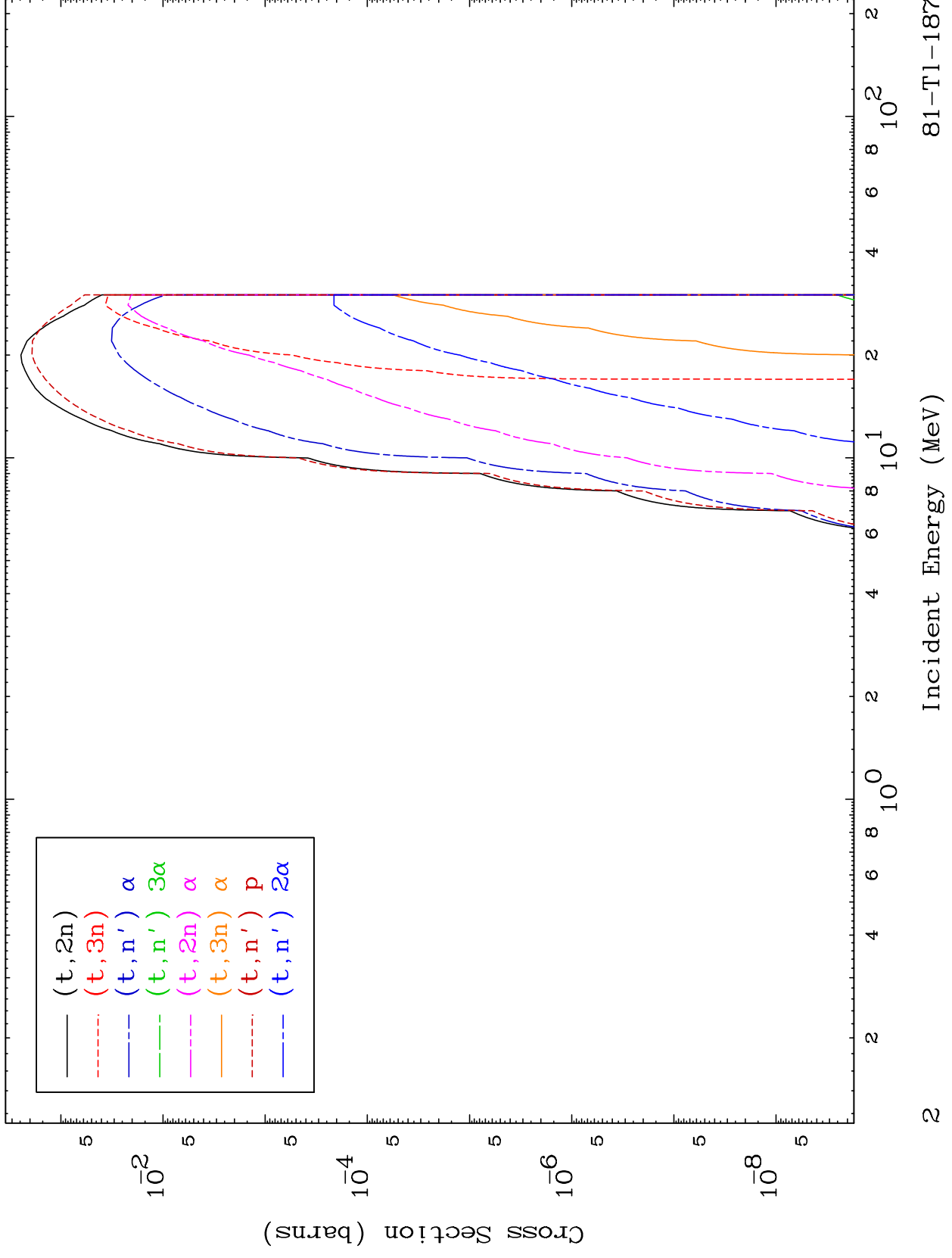
Tele: 925-443-1911

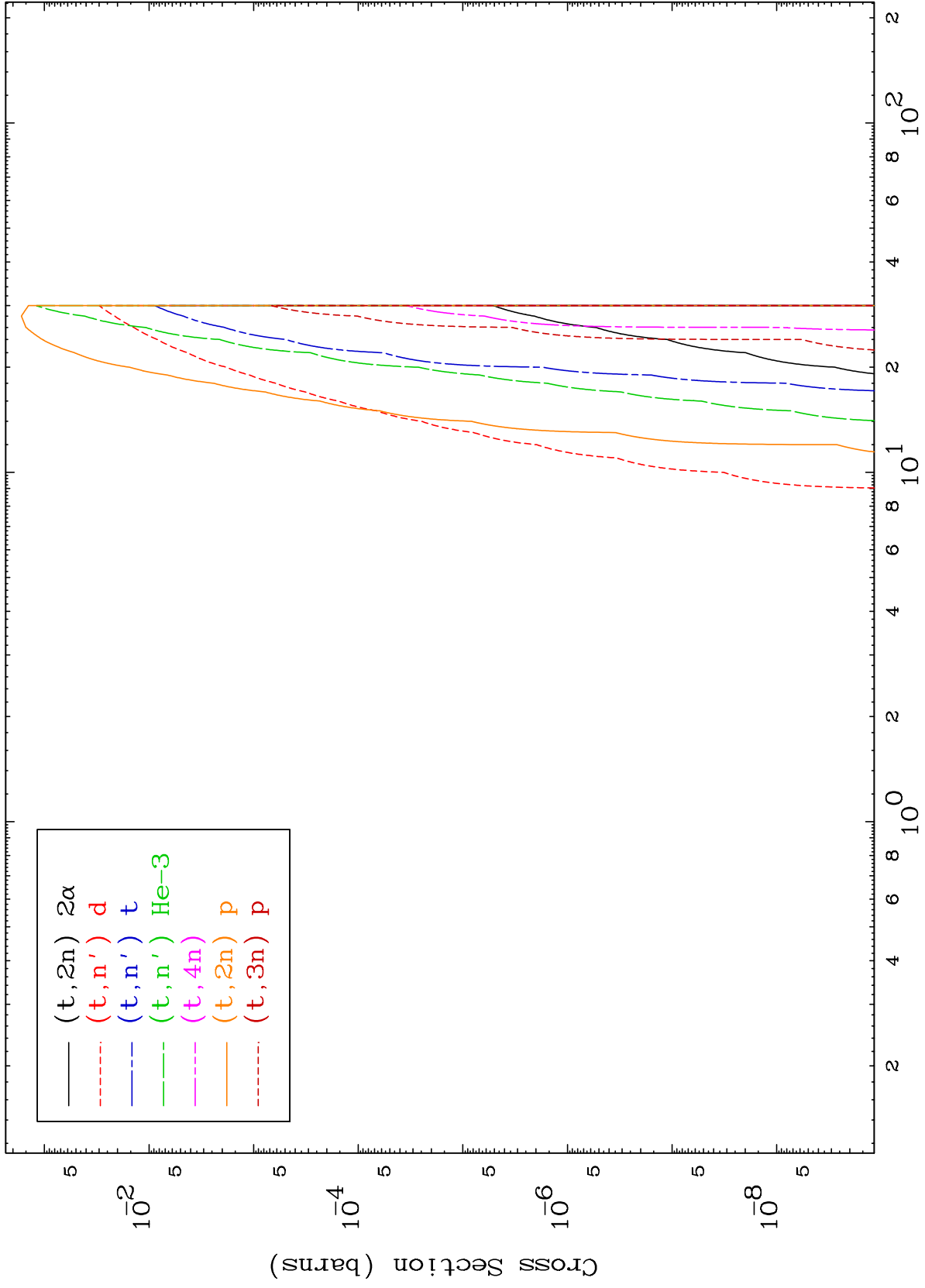
E.Mail:redcullen1@comcast.net

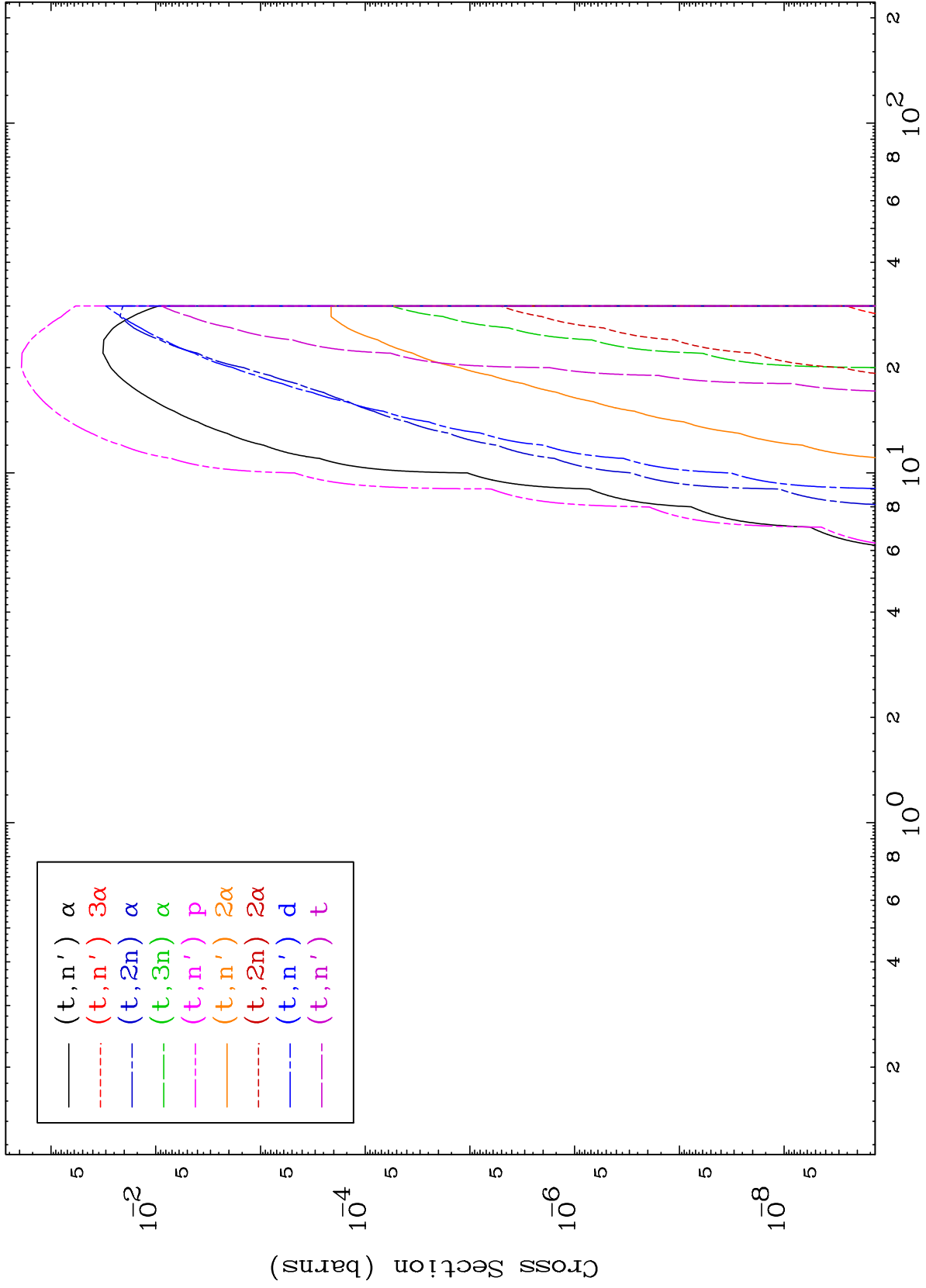
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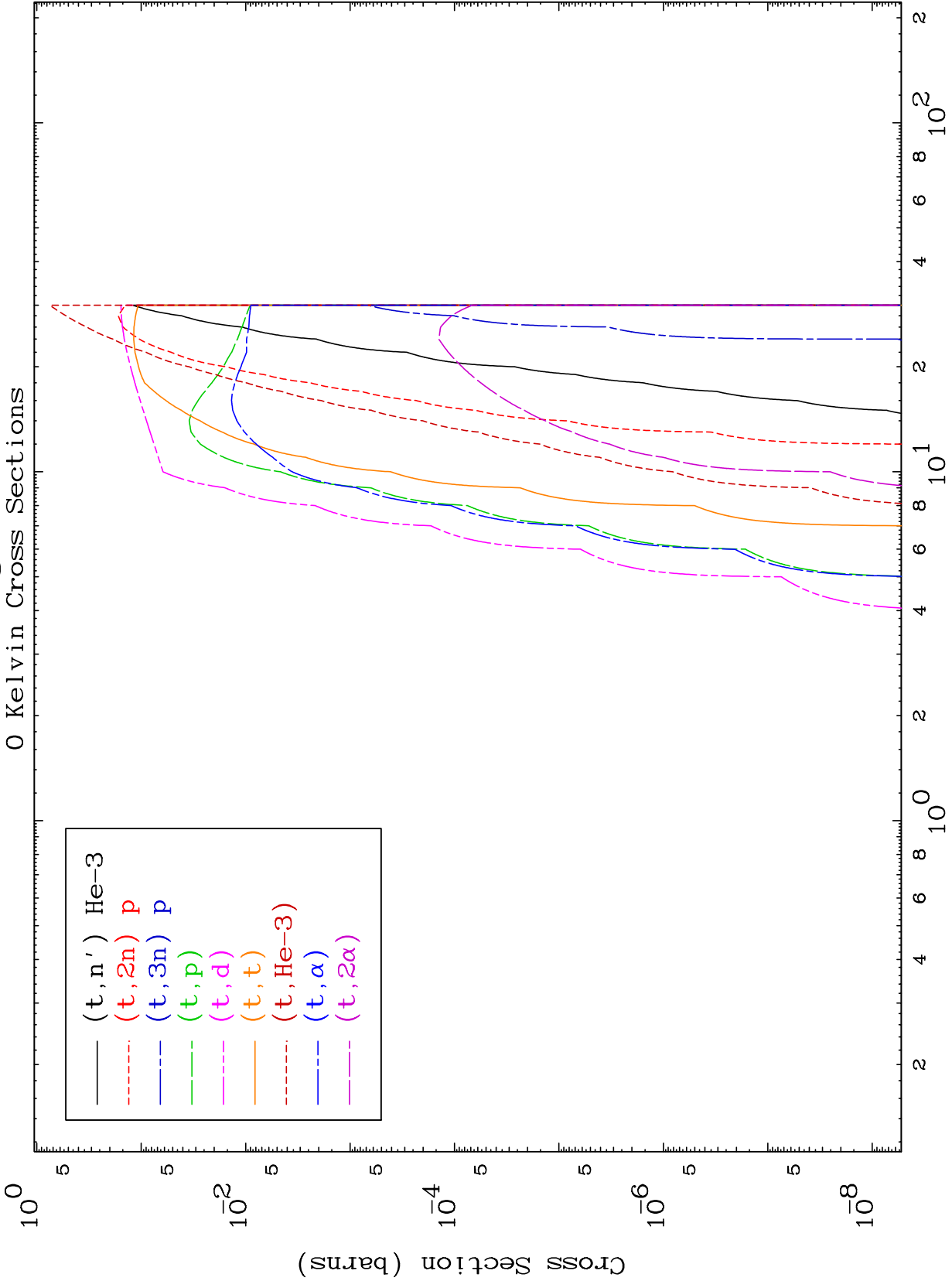
Press Mouse Button to Start

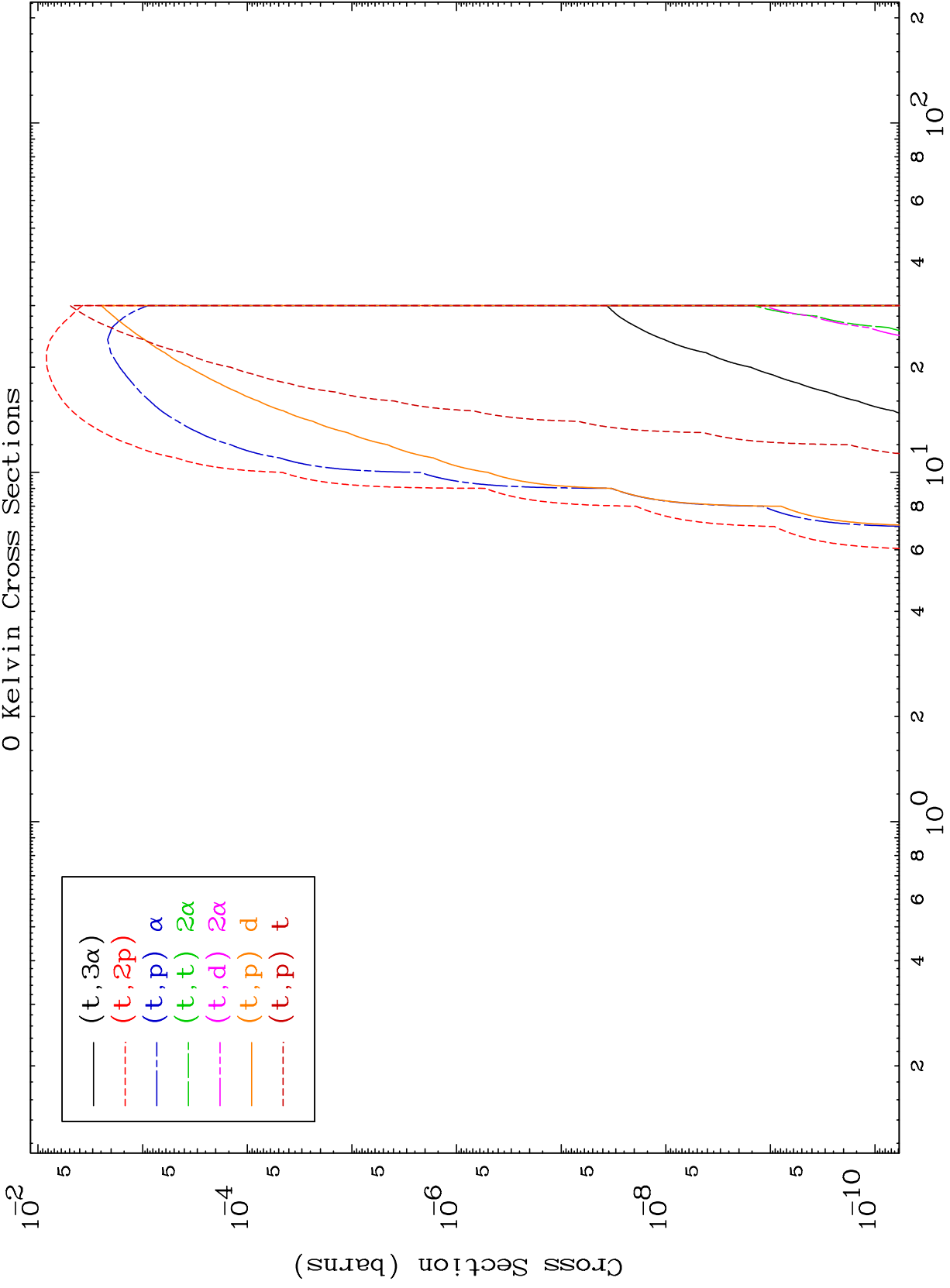










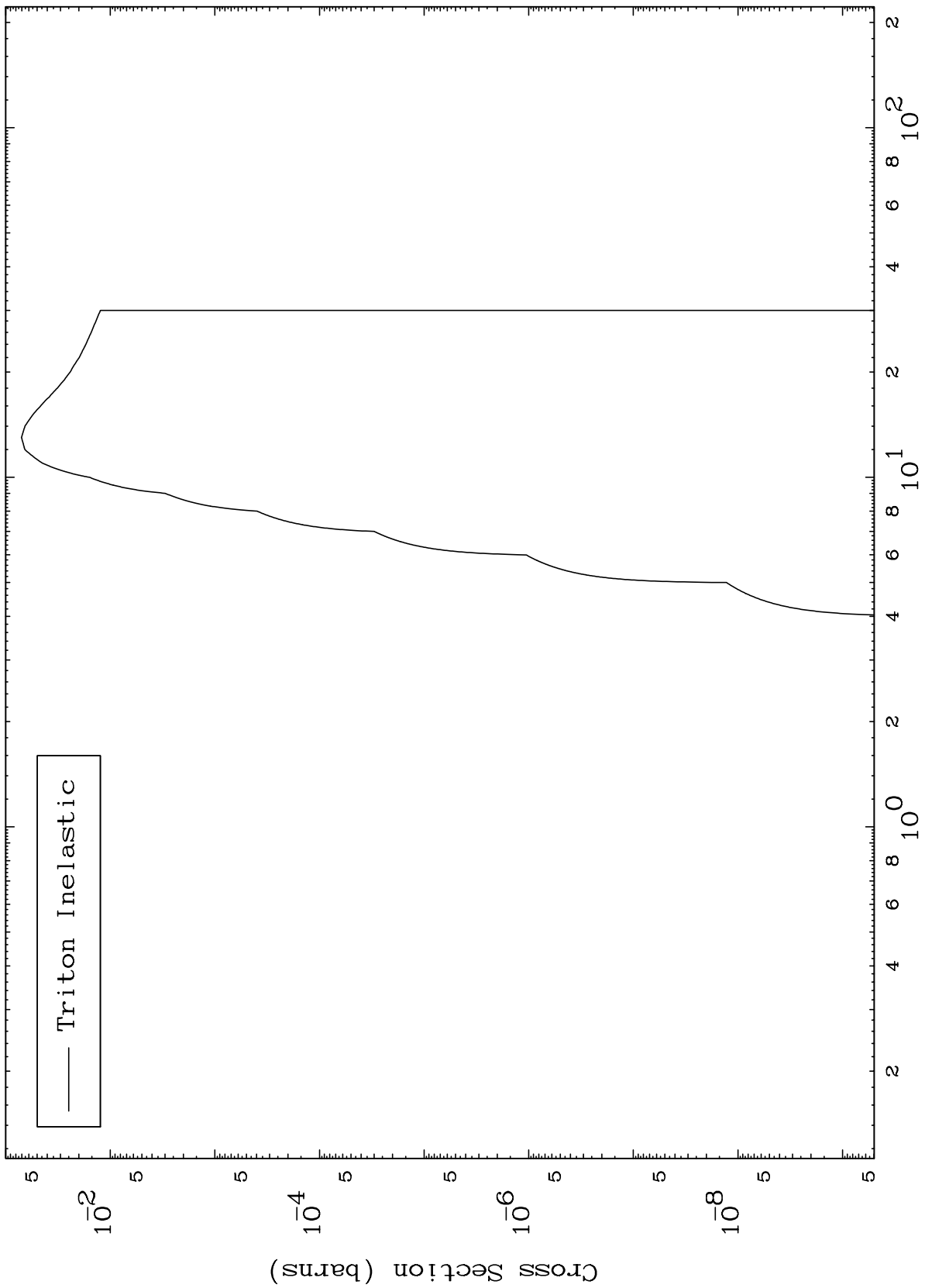


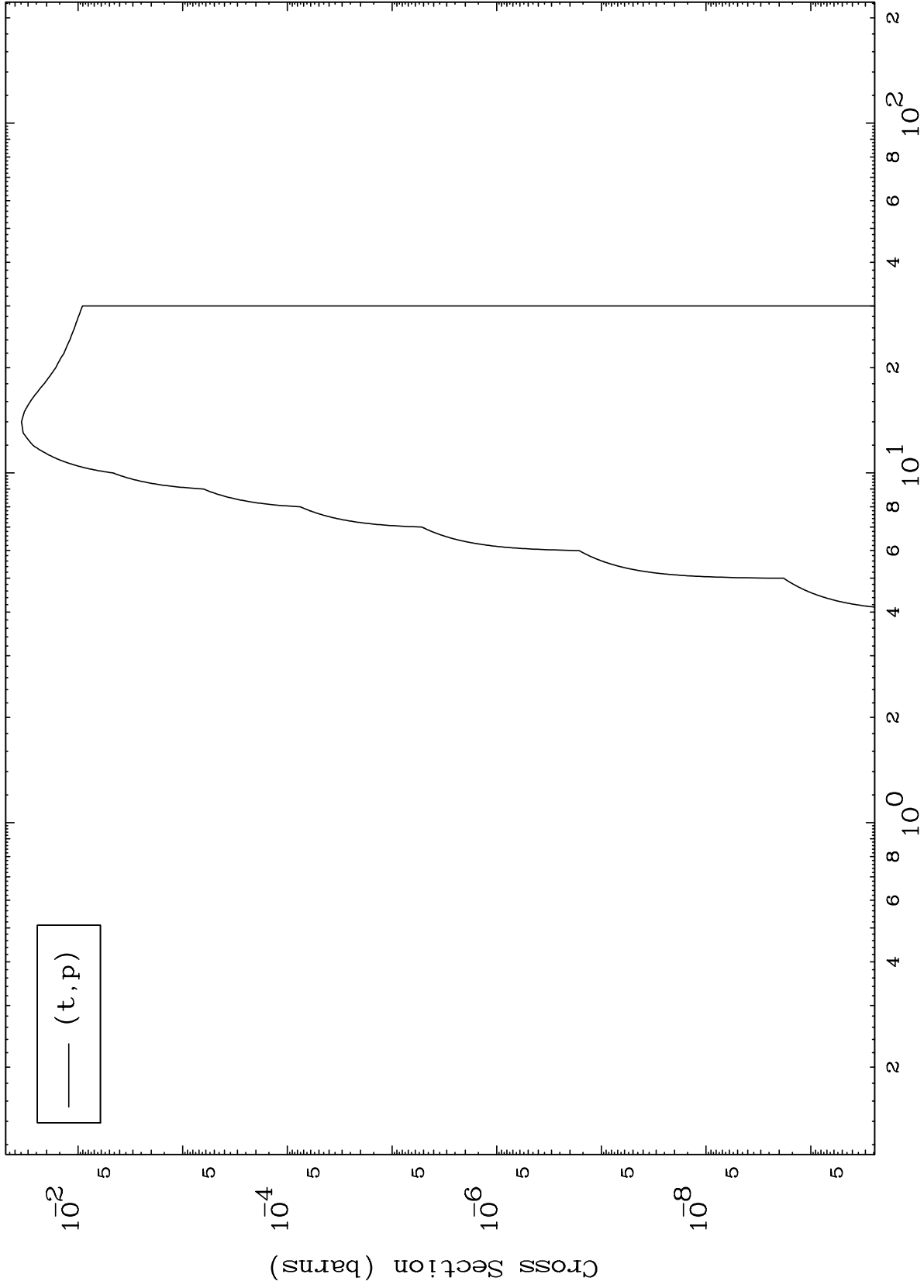
MAT 8077

(t, n') Level

81-Tl-187

0 Kelvin Cross Sections

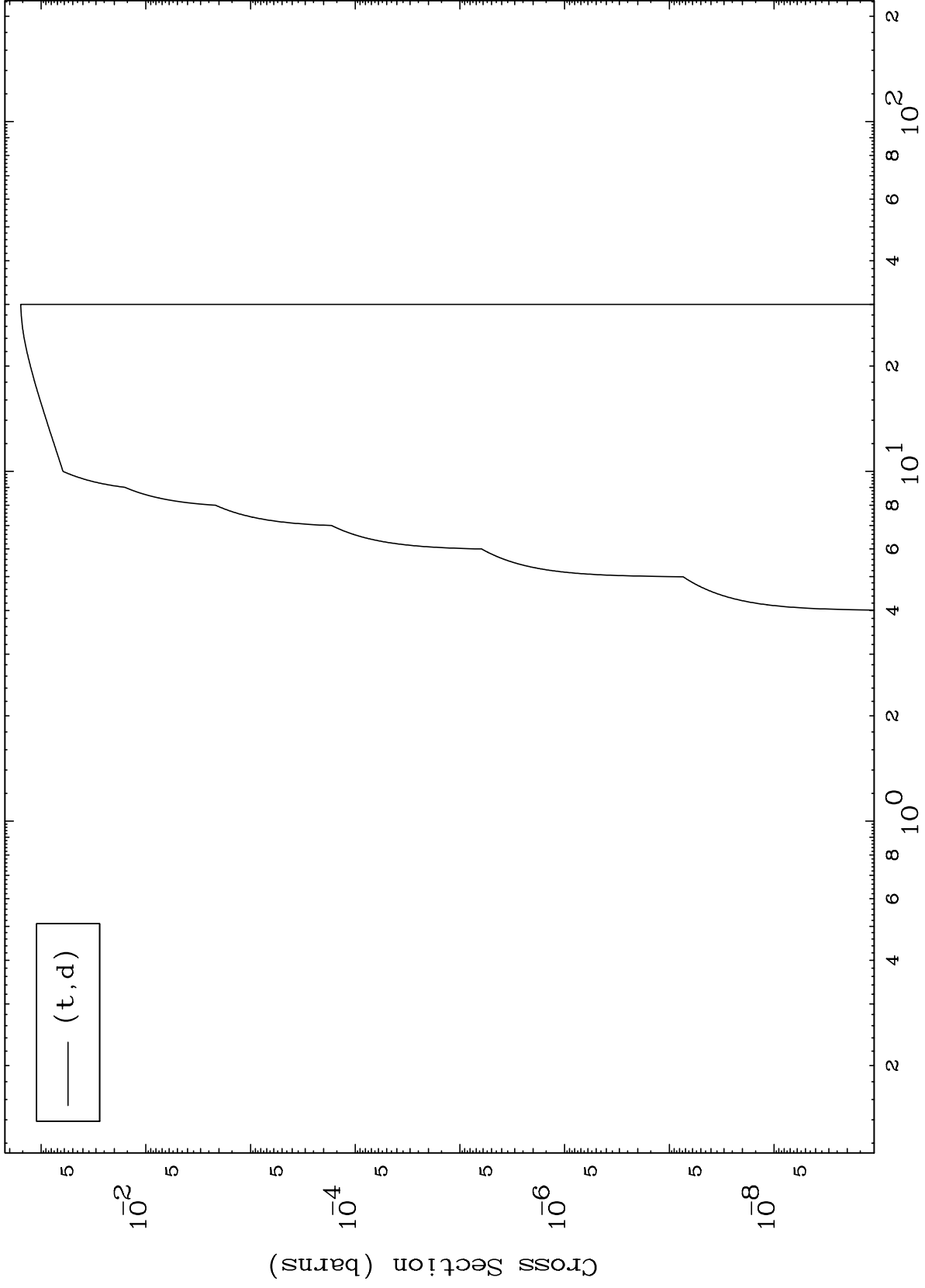




MAT 8077

(t,d) Levels
0 Kelvin Cross Sections

81-Tl-187

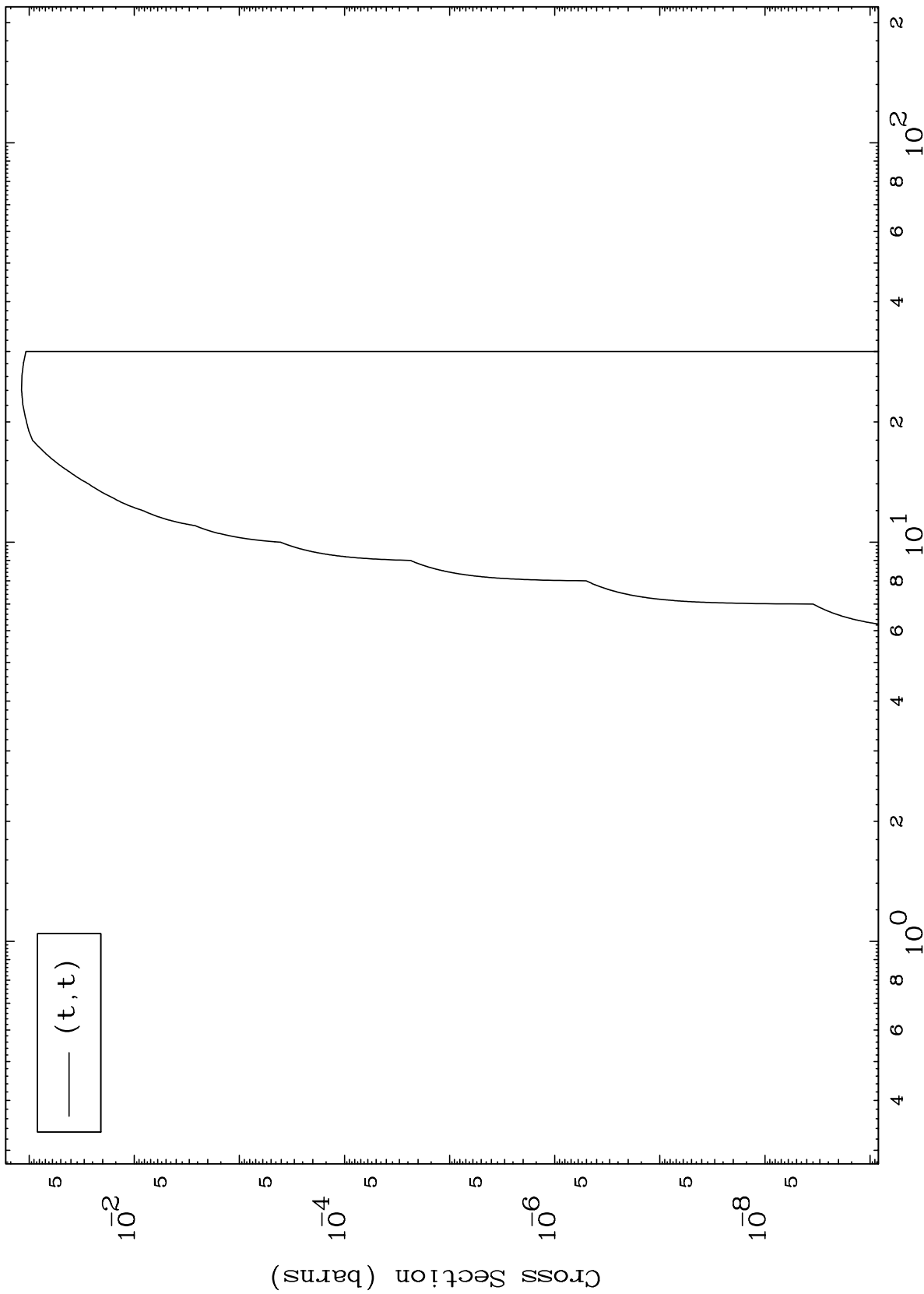


MAT 8077

(t, t) Levels

81-Tl-187

0 Kelvin Cross Sections



10

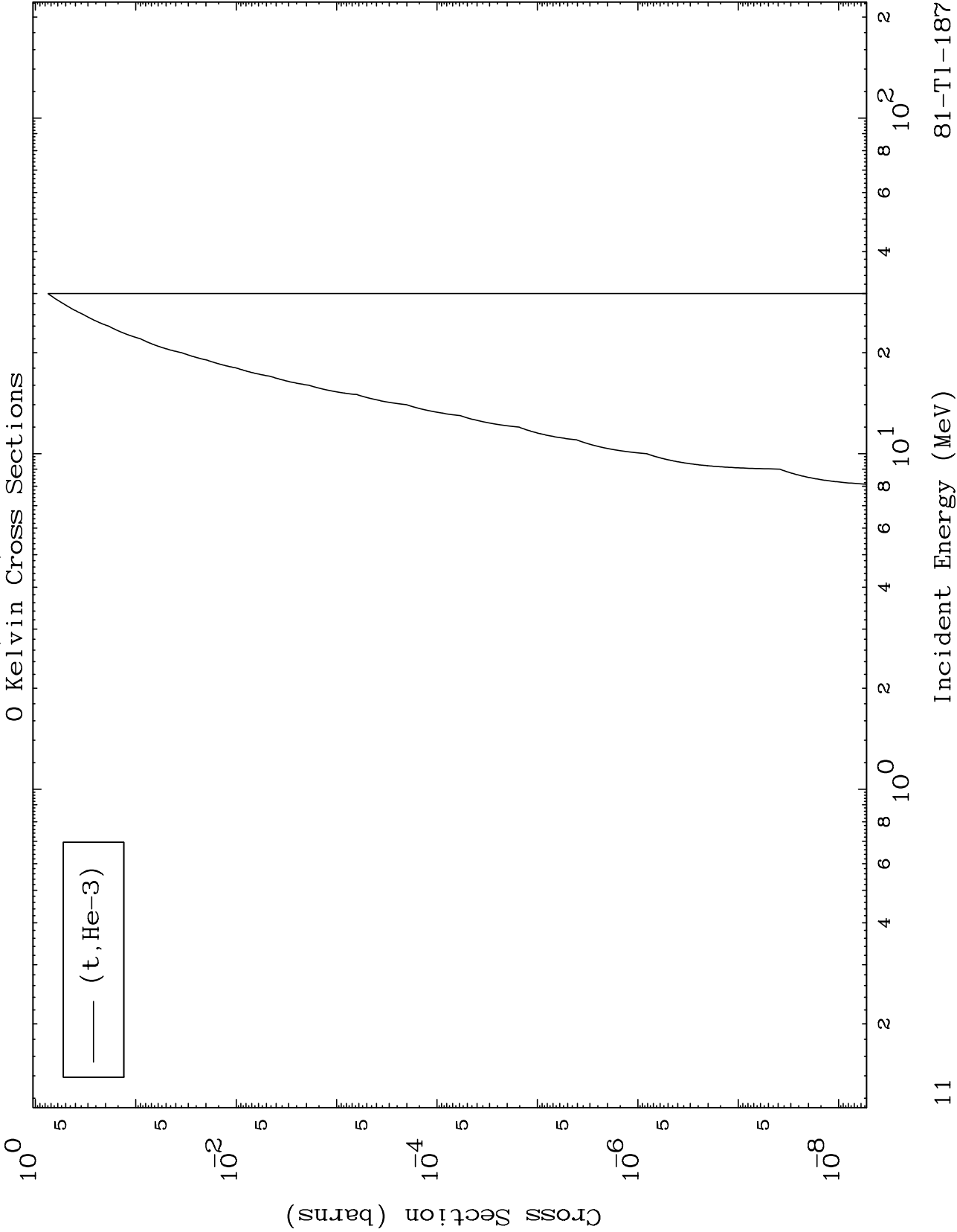
Incident Energy (MeV)

81-Tl-187

MAT 8077

(t,He3) Levels

81-Tl-187

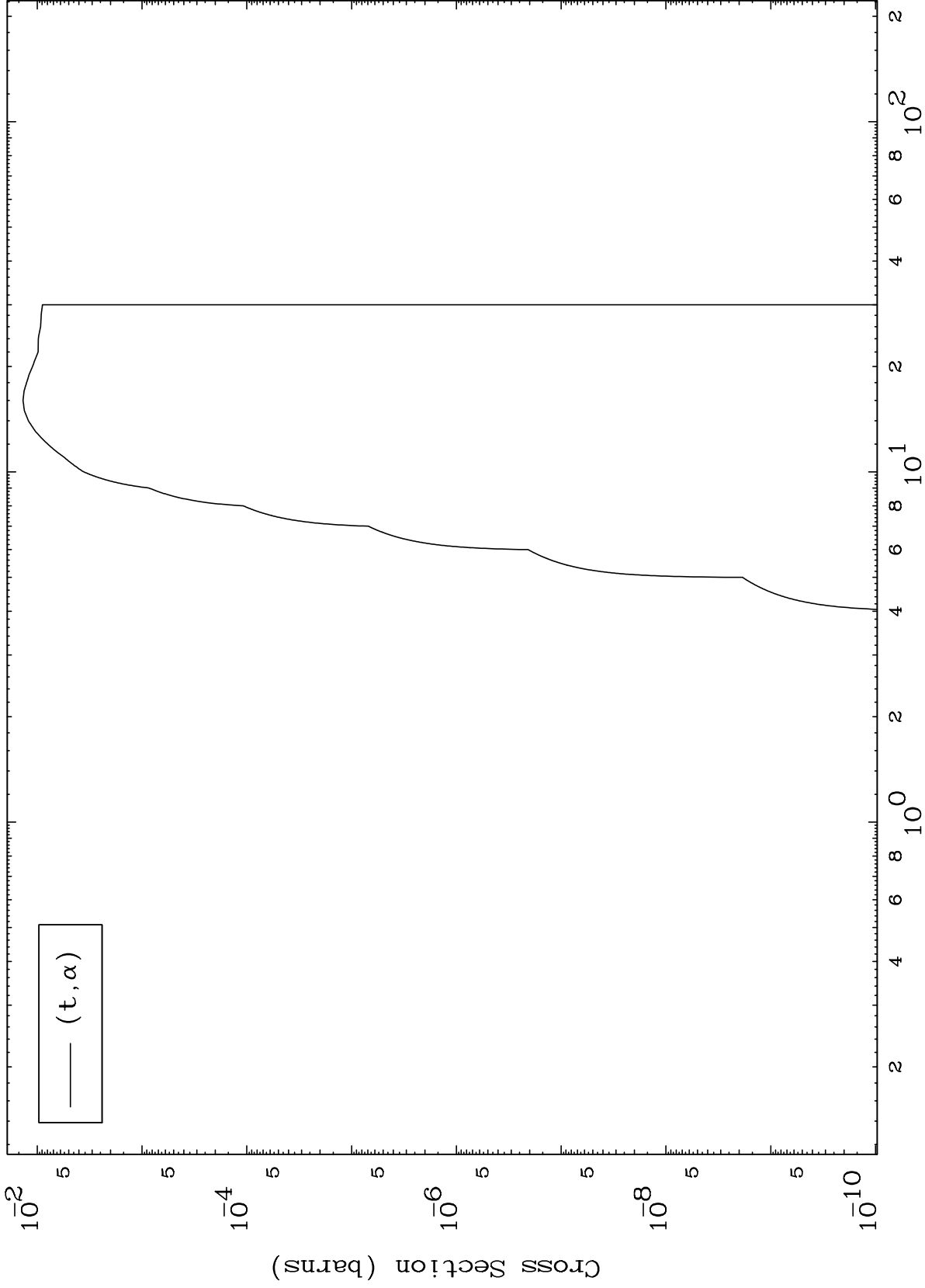


MAT 80777

(t, α) Levels

81-Tl-187

0 Kelvin Cross Sections



12

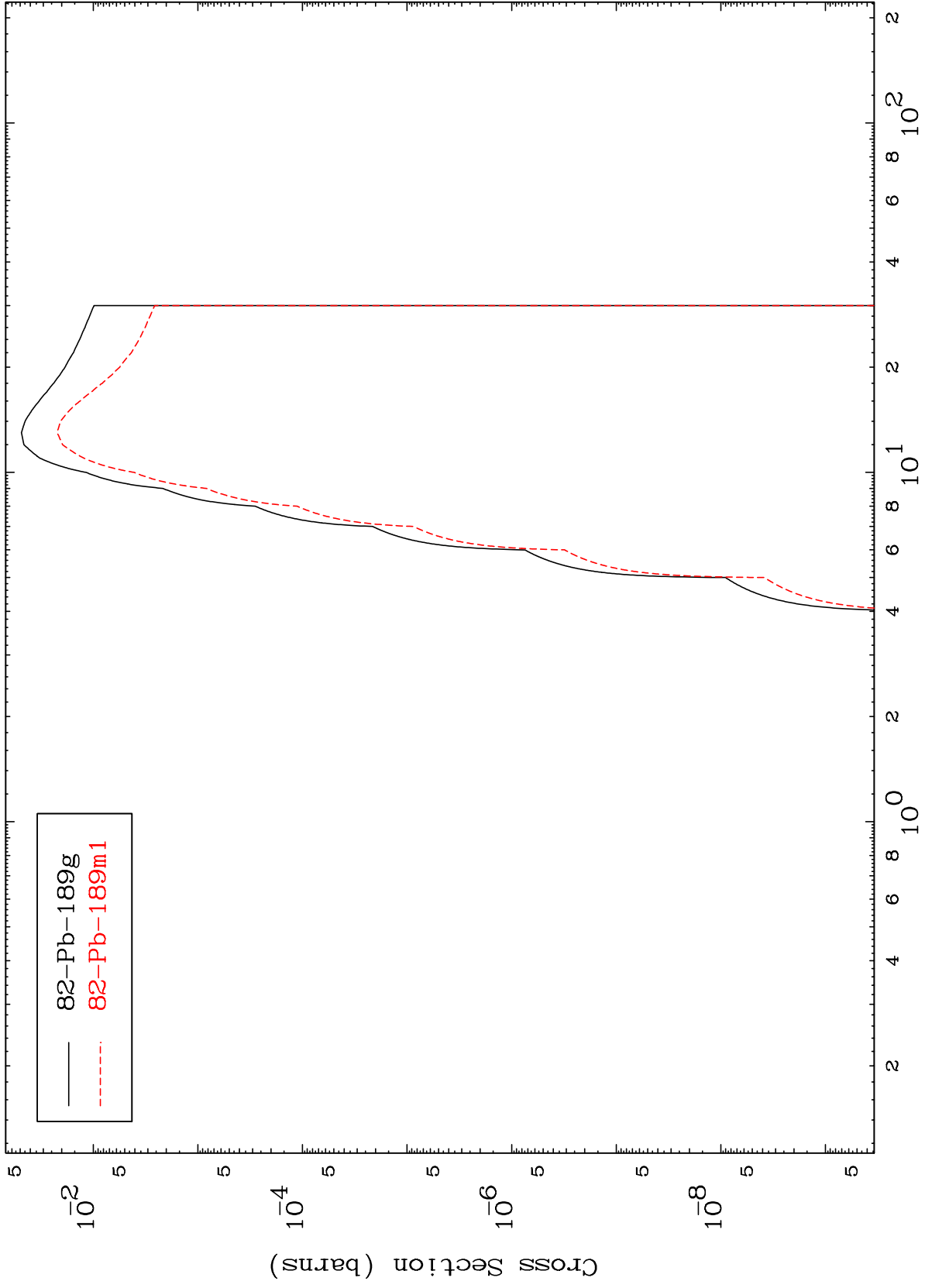
Incident Energy (MeV)

81-Tl-187

MAT 8077

Triton Inelastic
Radionuclide Production Cross Section

81-Tl-187



13

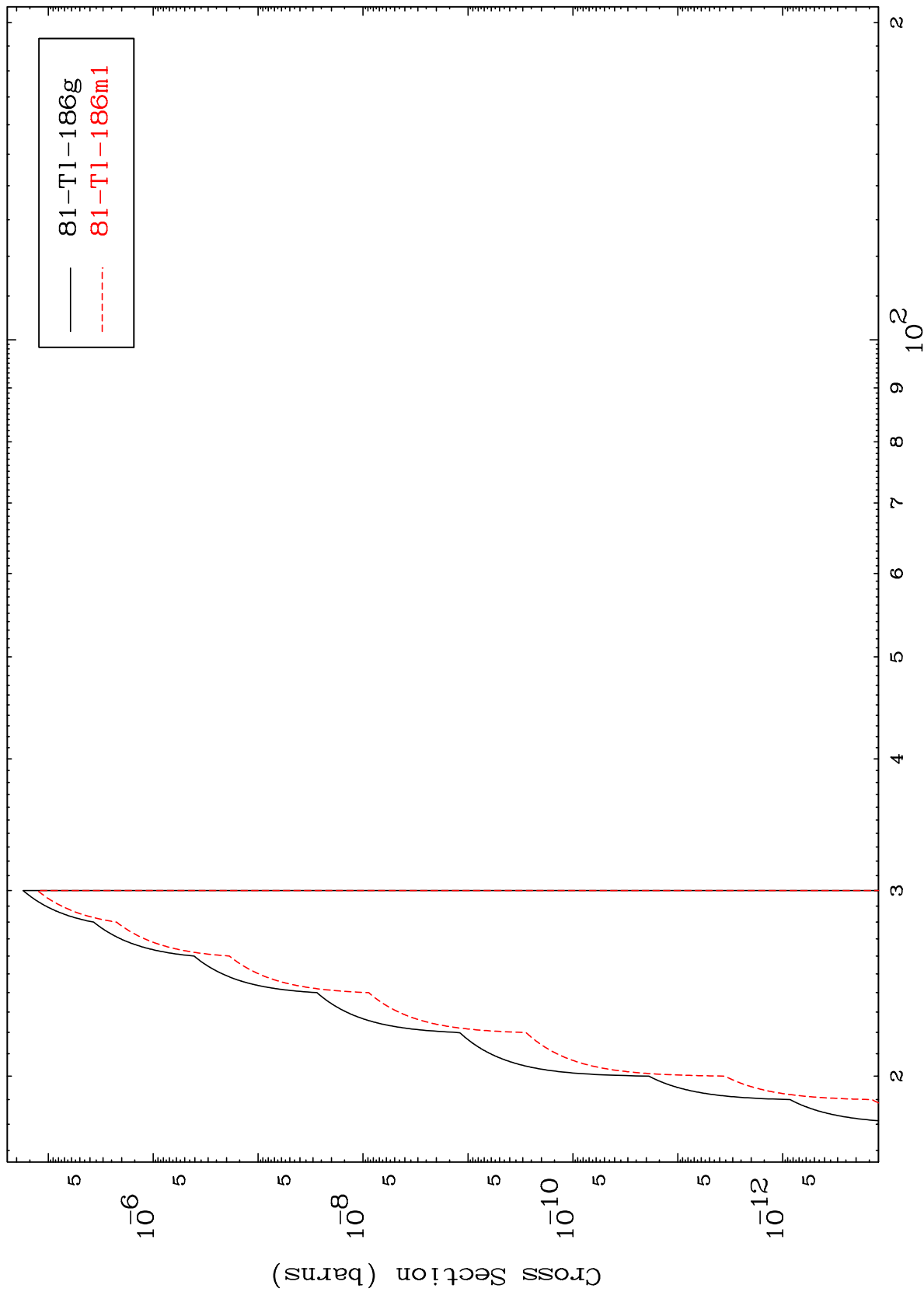
81-Tl-187

MAT 80777

(t,2n) d

81-Tl-187

Radionuclide Production Cross Section



14

Incident Energy (MeV)

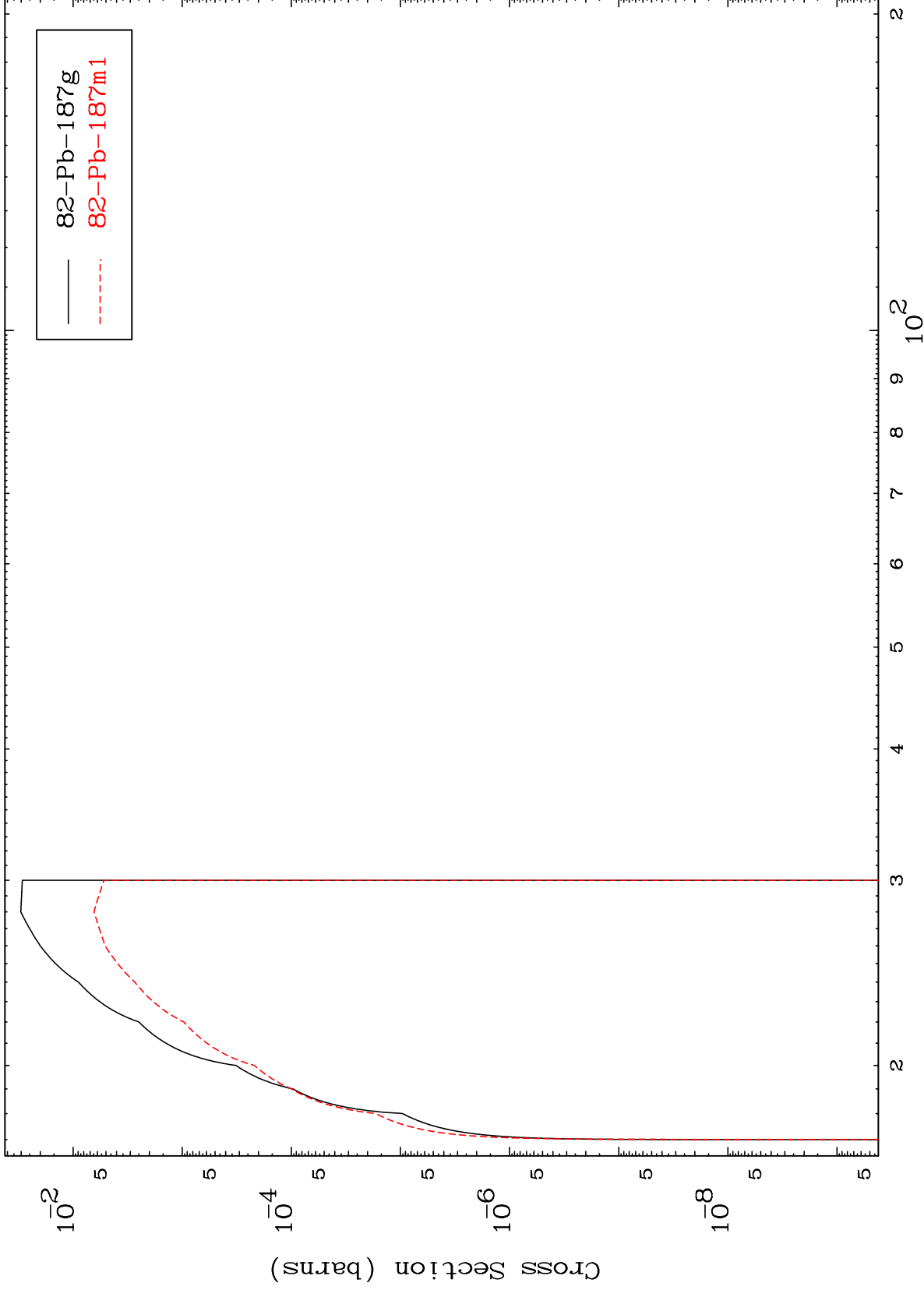
81-Tl-187

MAT 8077

(t,3n)

81-Tl-187

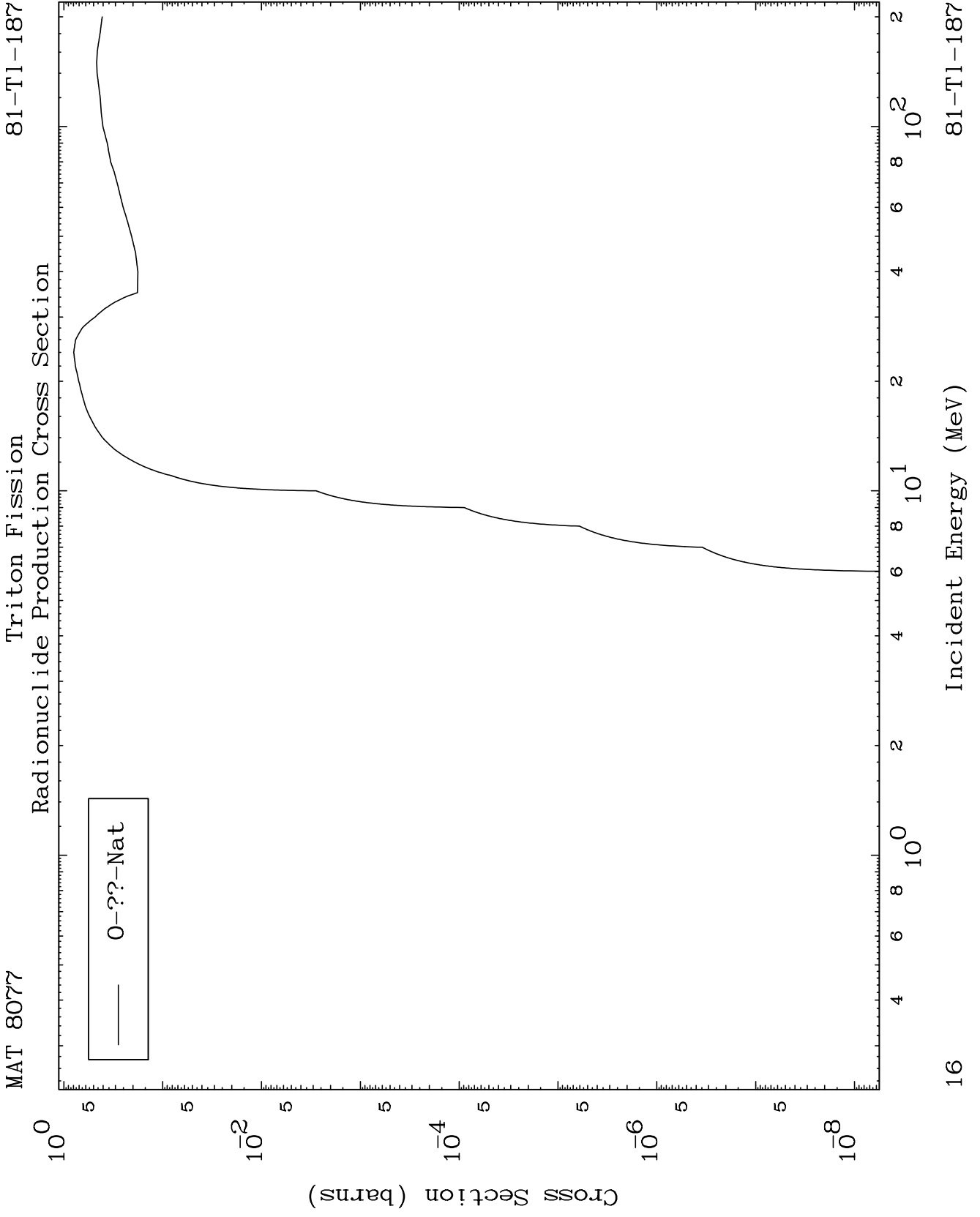
Radionuclide Production Cross Section



15

Incident Energy (MeV)

81-Tl-187

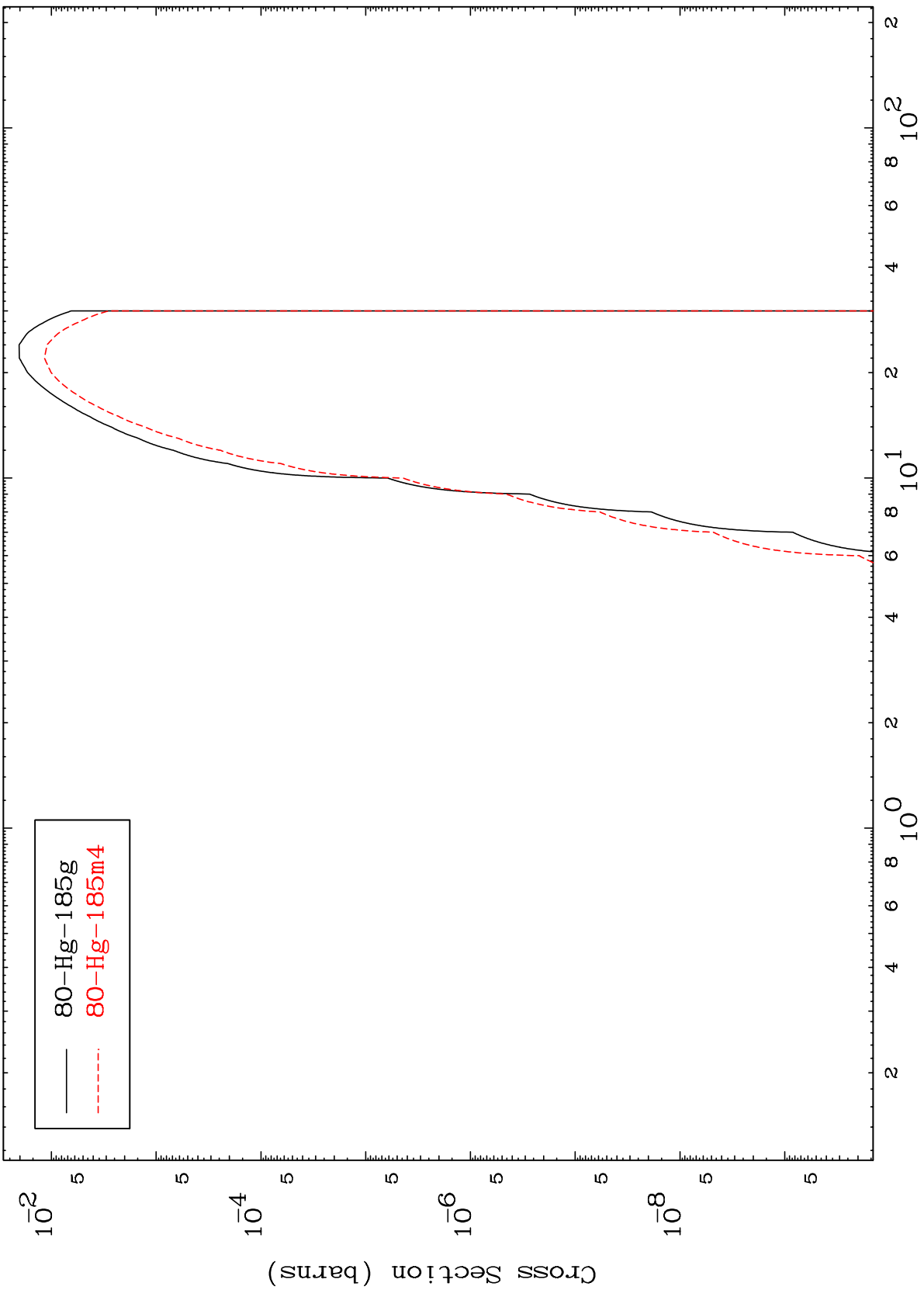


MAT 8077

(t,n') α

81-Tl-187

Radionuclide Production Cross Section



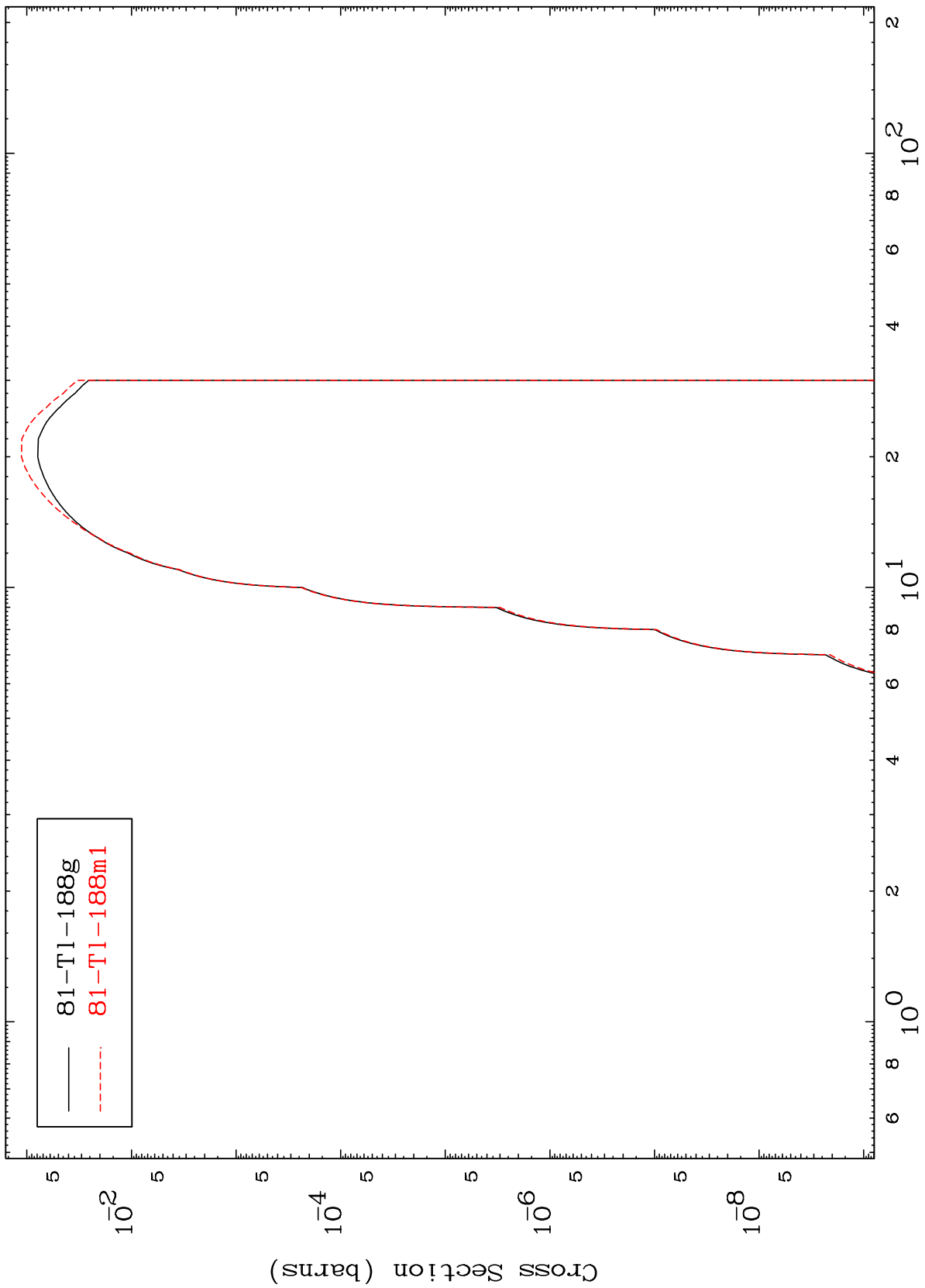
— 80-Hg-185g
- - - 80-Hg-185m4

MAT 8077

(t,n') p

81-Tl-187

Radionuclide Production Cross Section



18

Incident Energy (MeV)

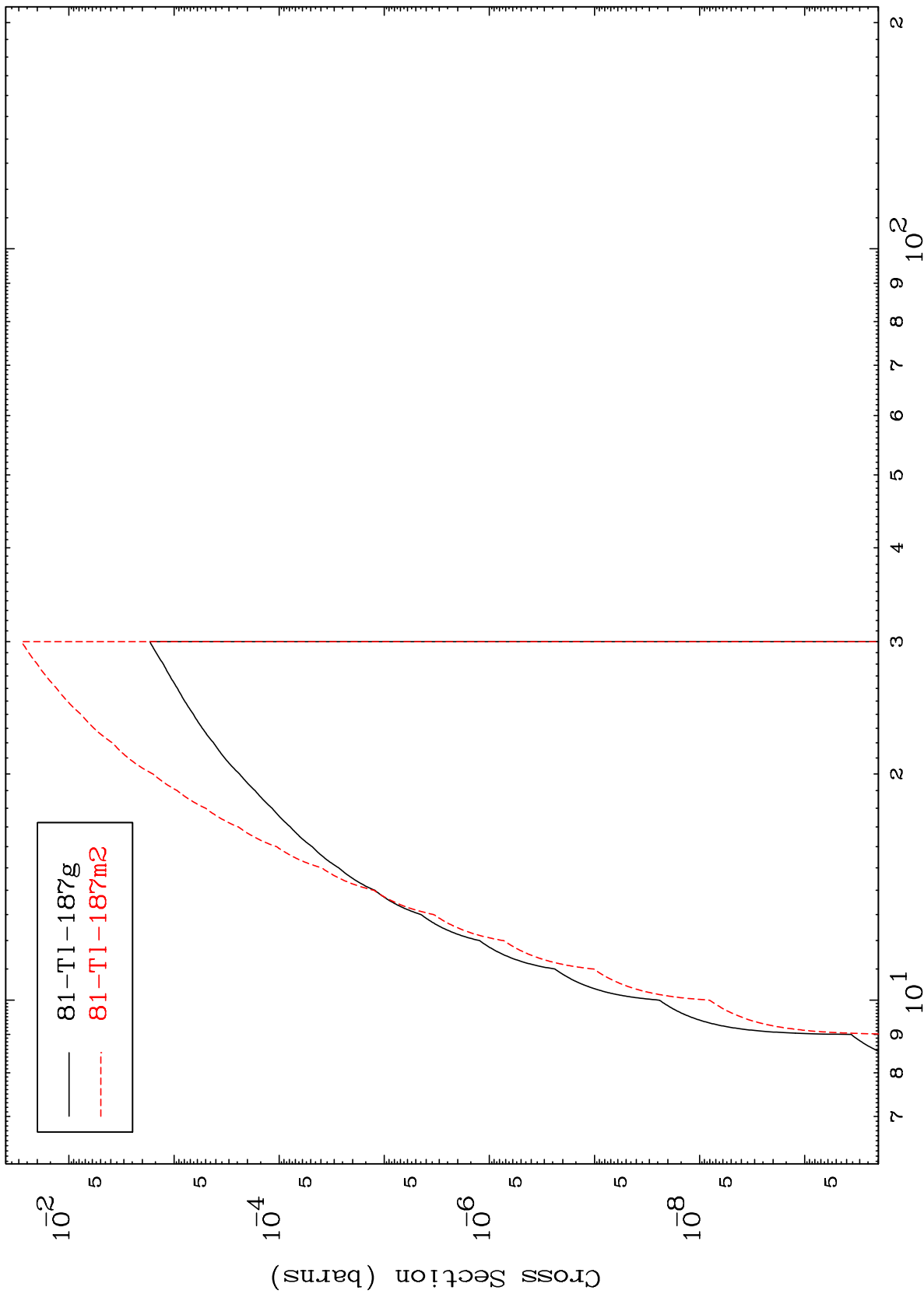
81-Tl-187

MAT 8077

(t,n') d

81-Tl-187

Radionuclide Production Cross Section



19

Incident Energy (MeV)

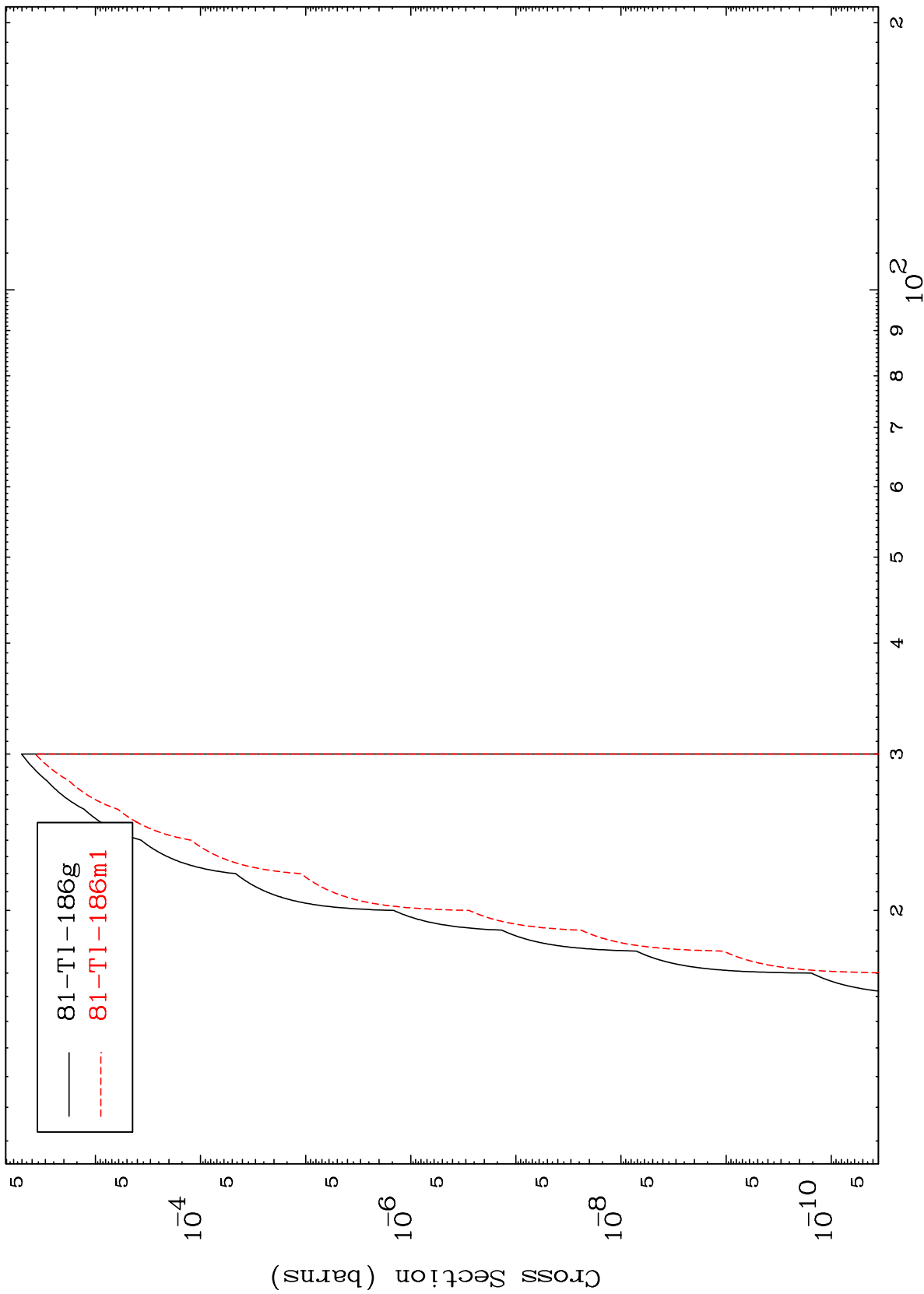
81-Tl-187

MAT 8077

(t,n') t

81-Tl-187

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-187

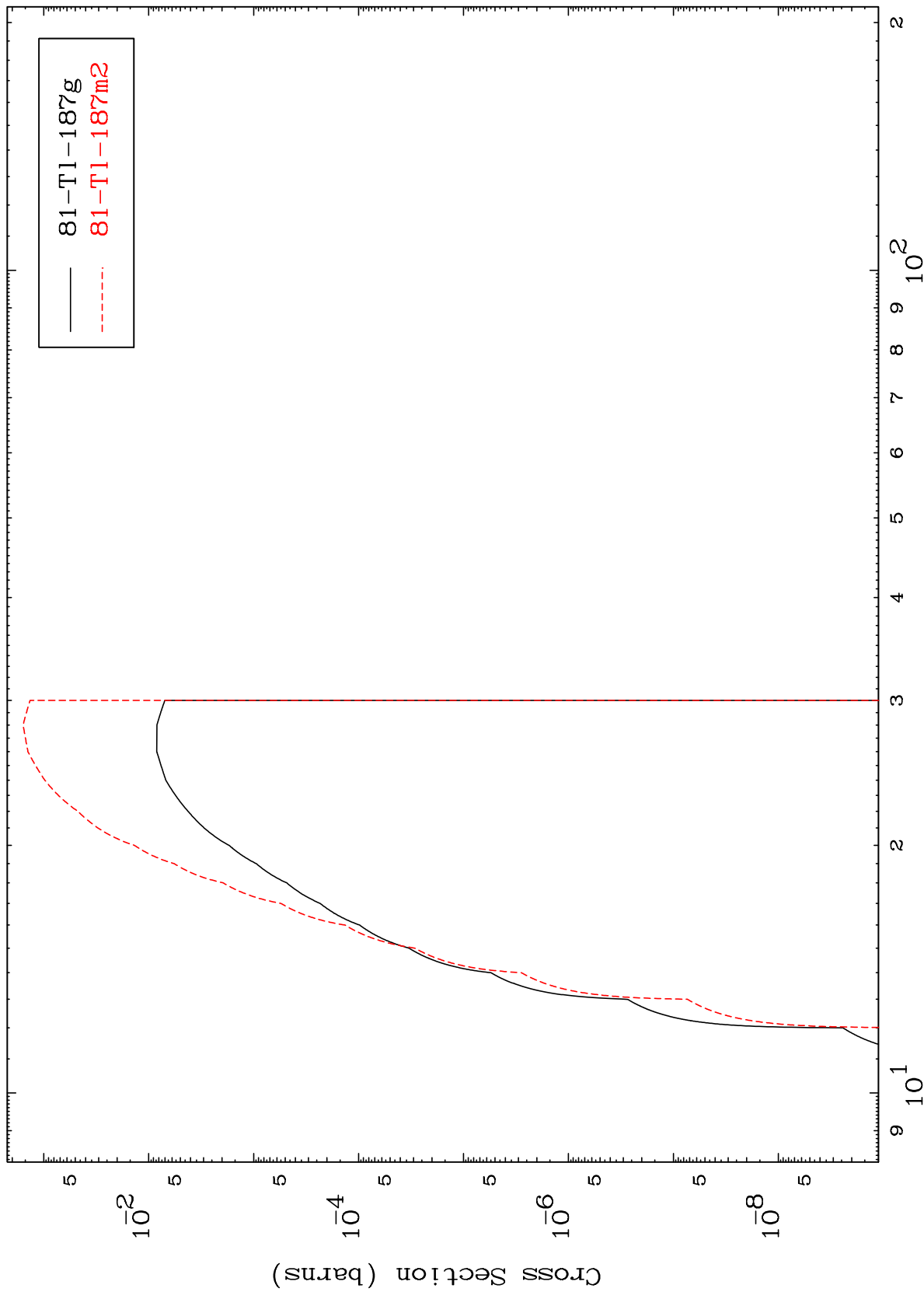
20

MAT 80777

81-Tl-187

(t,2n) p

Radionuclide Production Cross Section

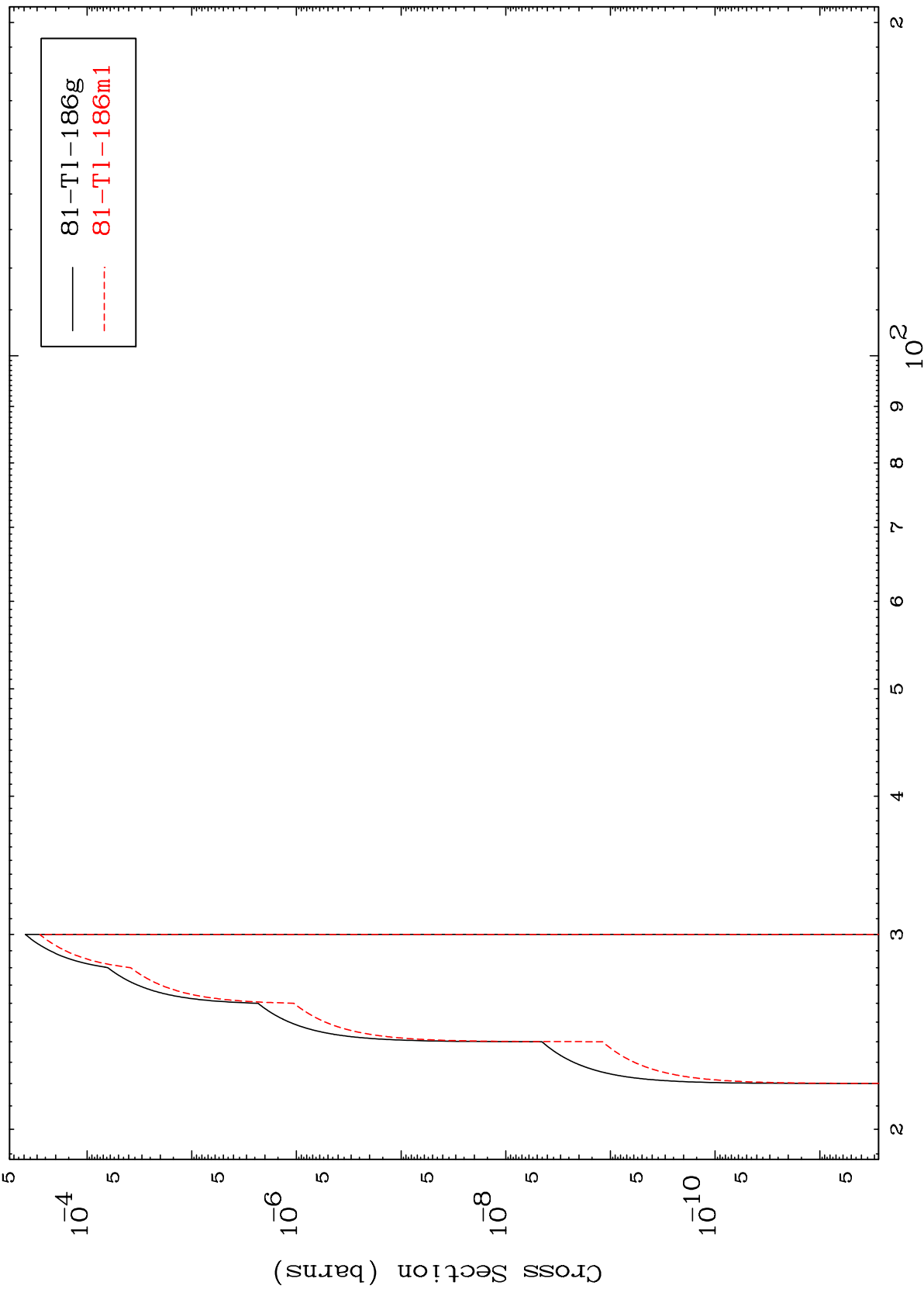


81-Tl-187

Incident Energy (MeV)

21

Radionuclide Production Cross Section

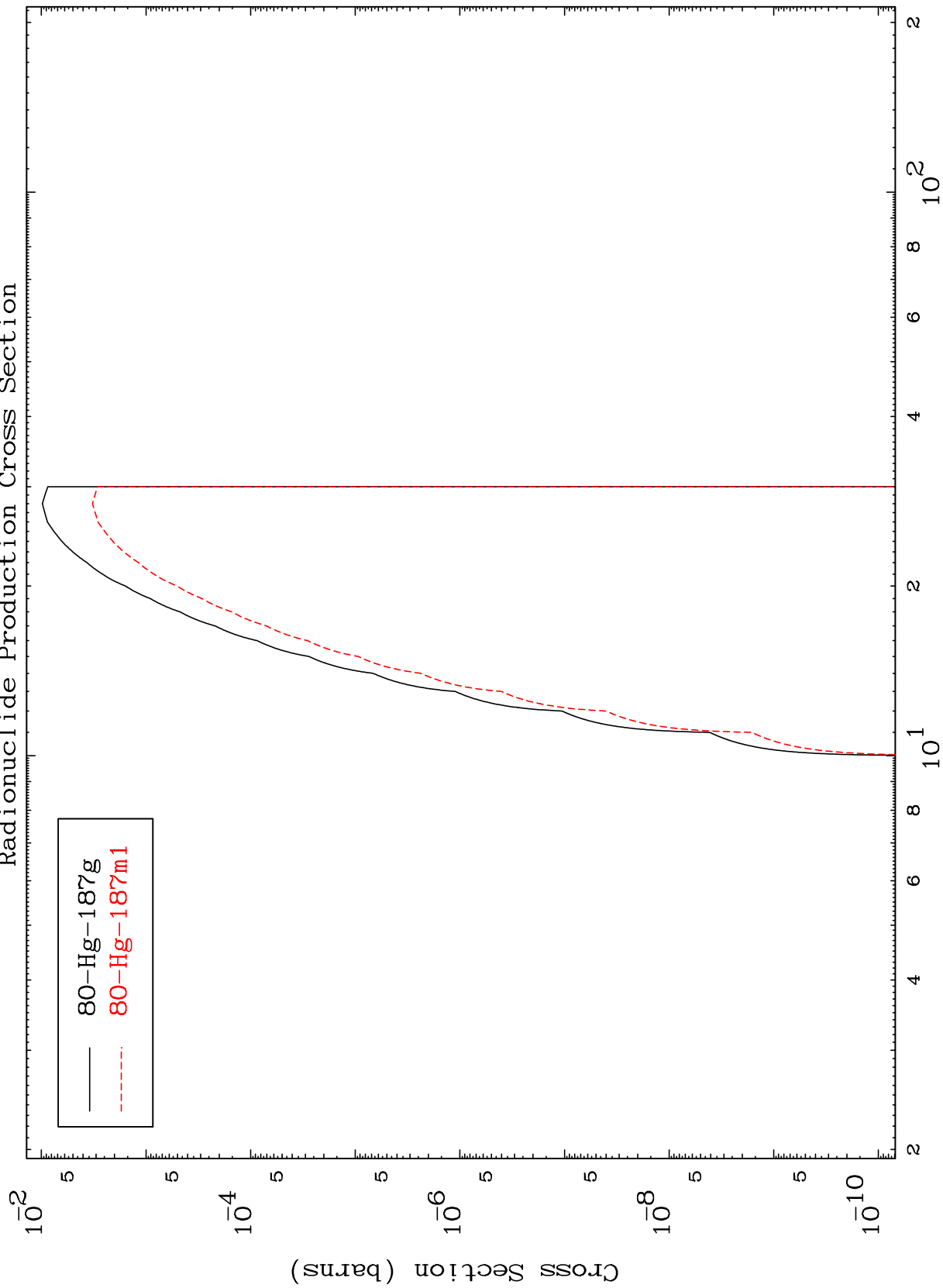


MAT 8077

(t,2n) p

81-Tl-187

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-187

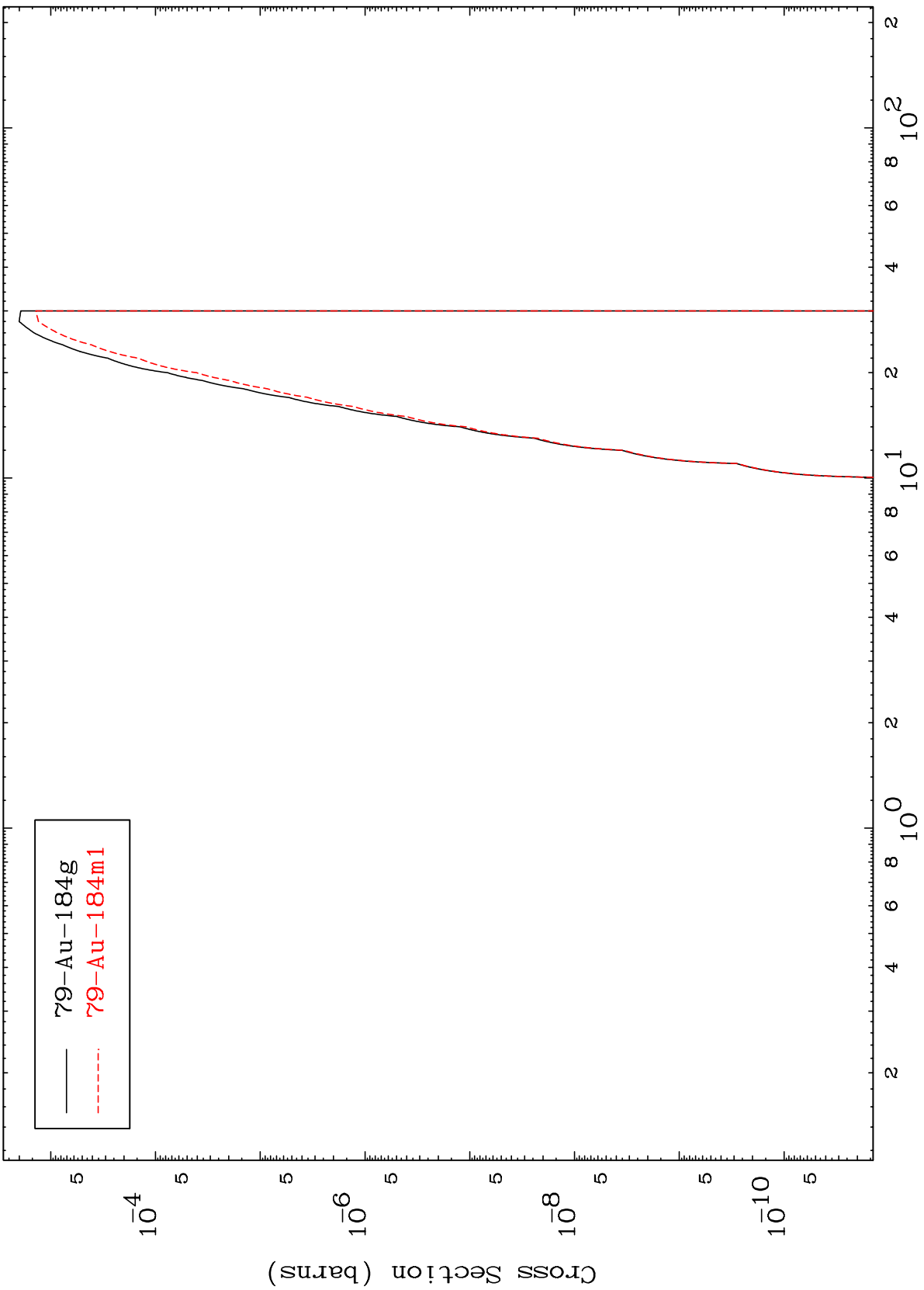
23

MAT 8077

(t,n') p α

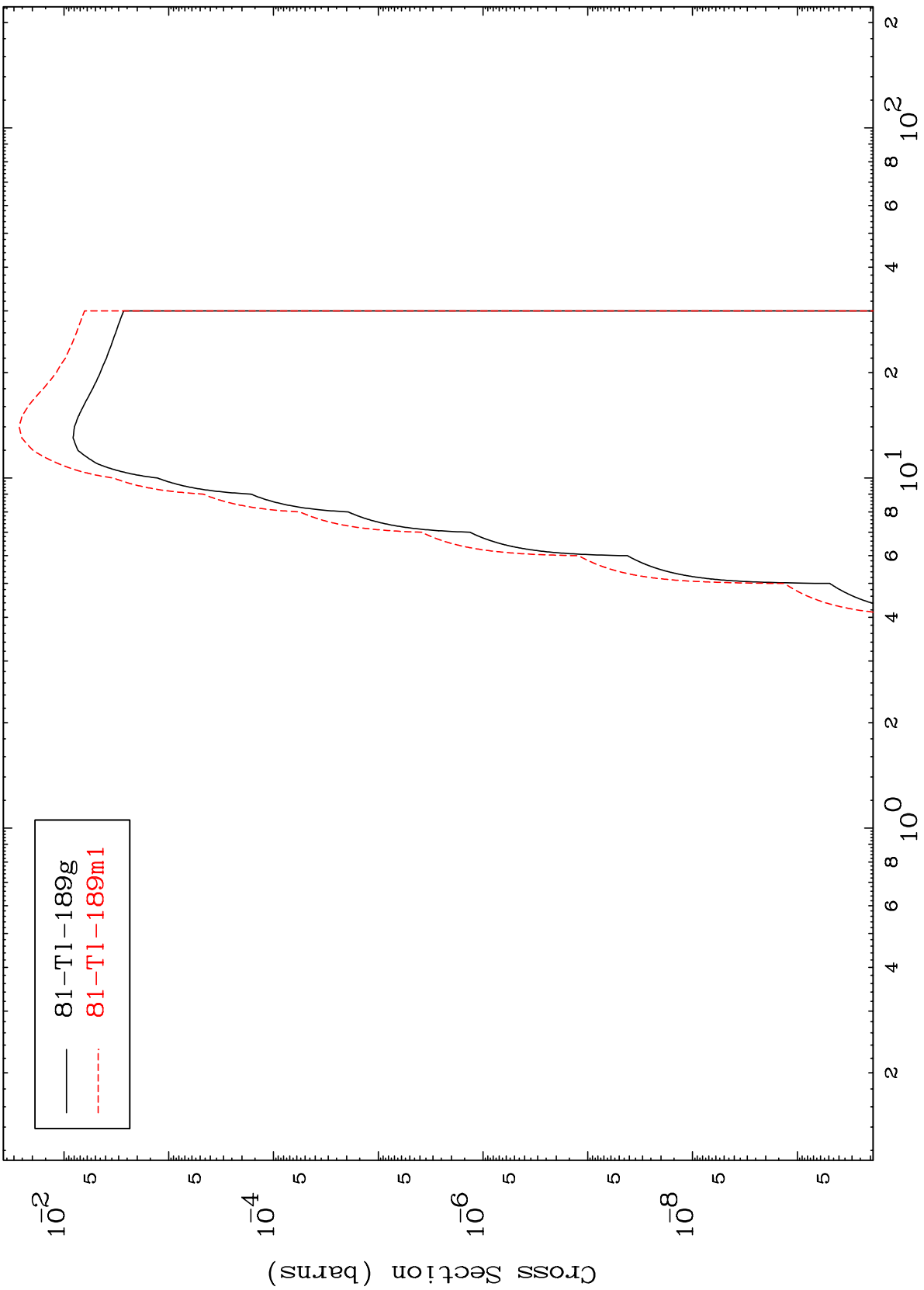
81-Tl-187

Radionuclide Production Cross Section



— 79-Au-184g
- - - 79-Au-184m1

(t,p)
Radionuclide Production Cross Section



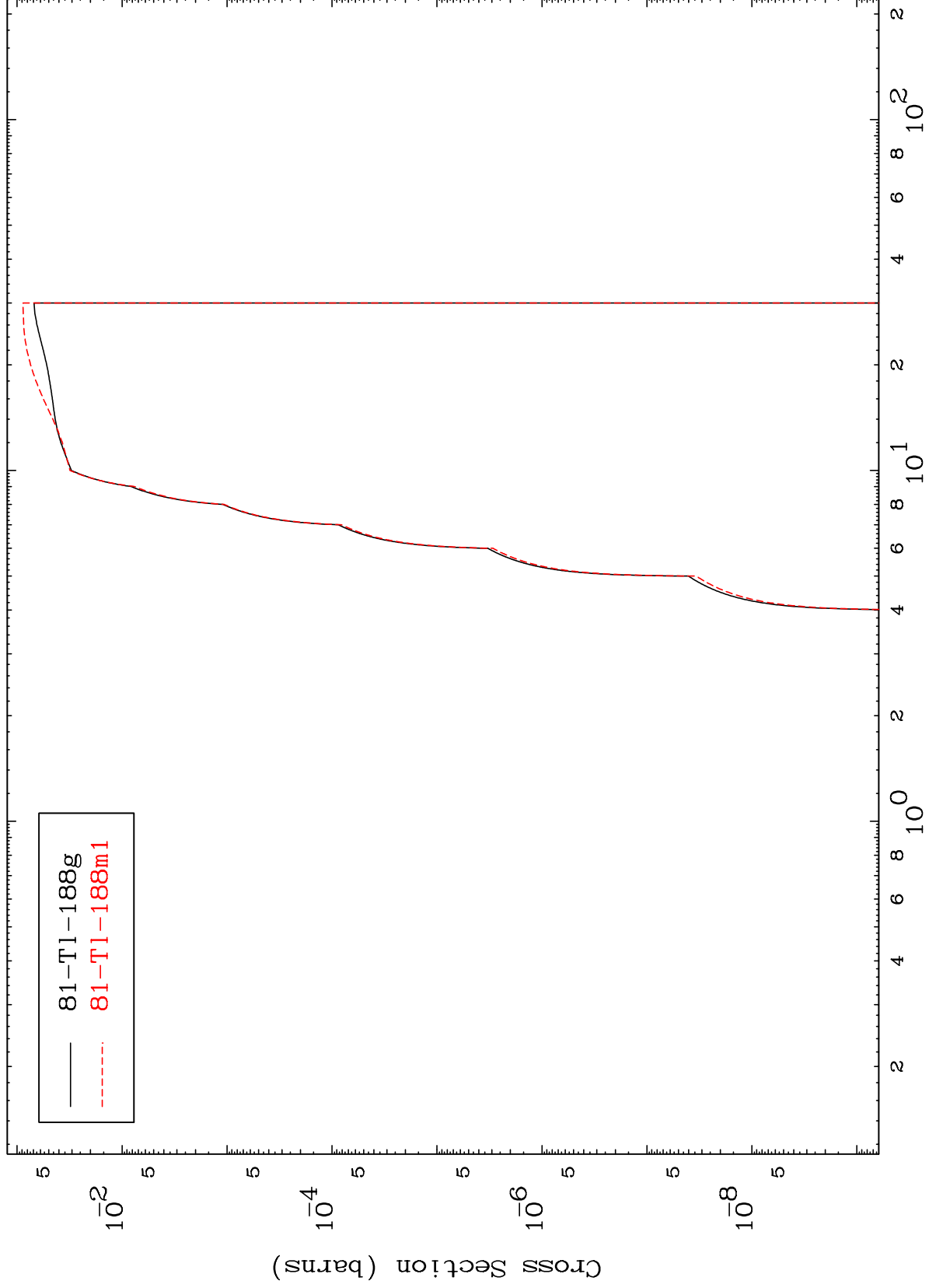
— 81-Tl-189g
- - - 81-Tl-189m1

MAT 8077

(t,d)

81-Tl-187

Radionuclide Production Cross Section



26

Incident Energy (MeV)

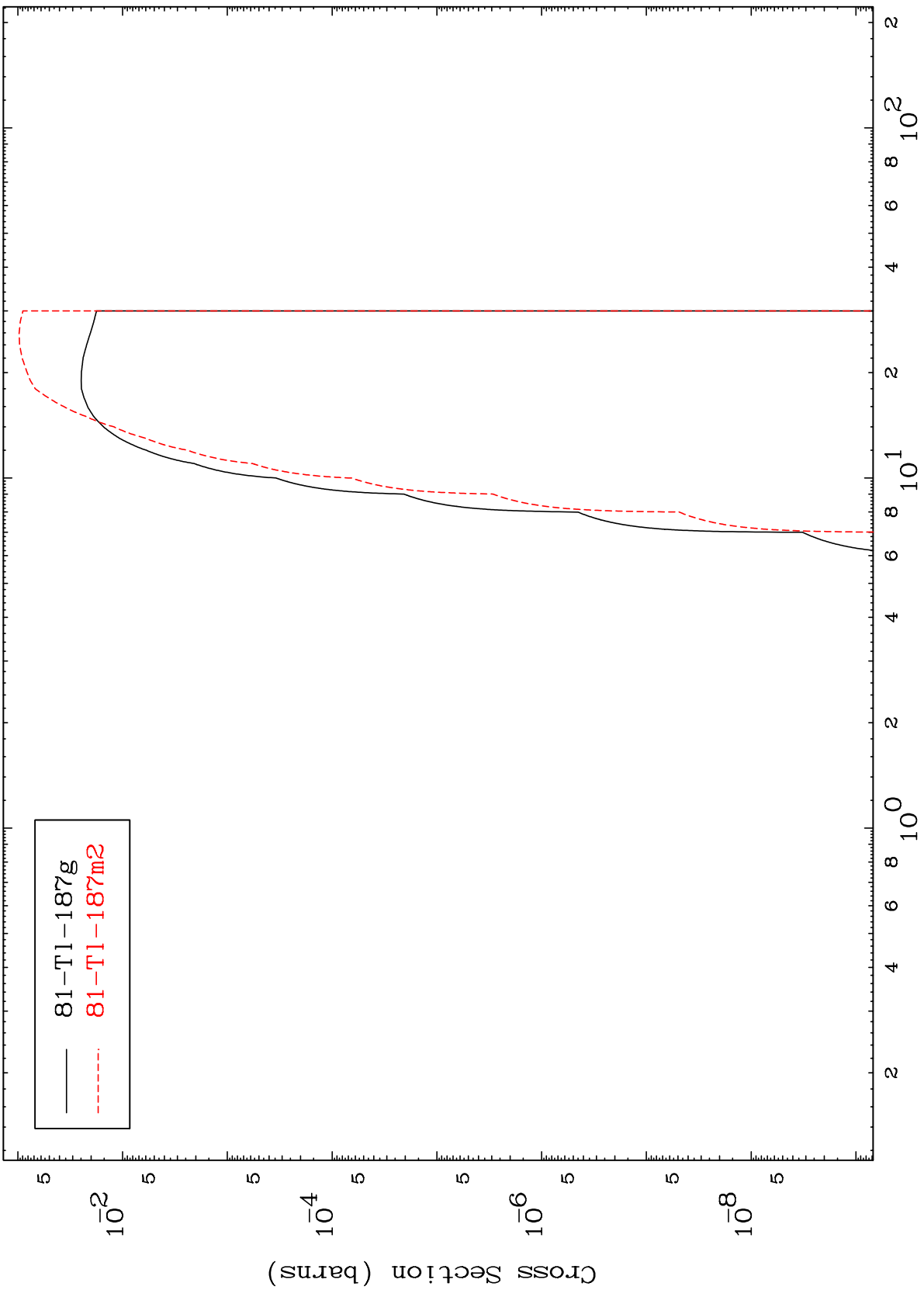
81-Tl-187

MAT 8077

(t, t)

81-Tl-187

Radionuclide Production Cross Section

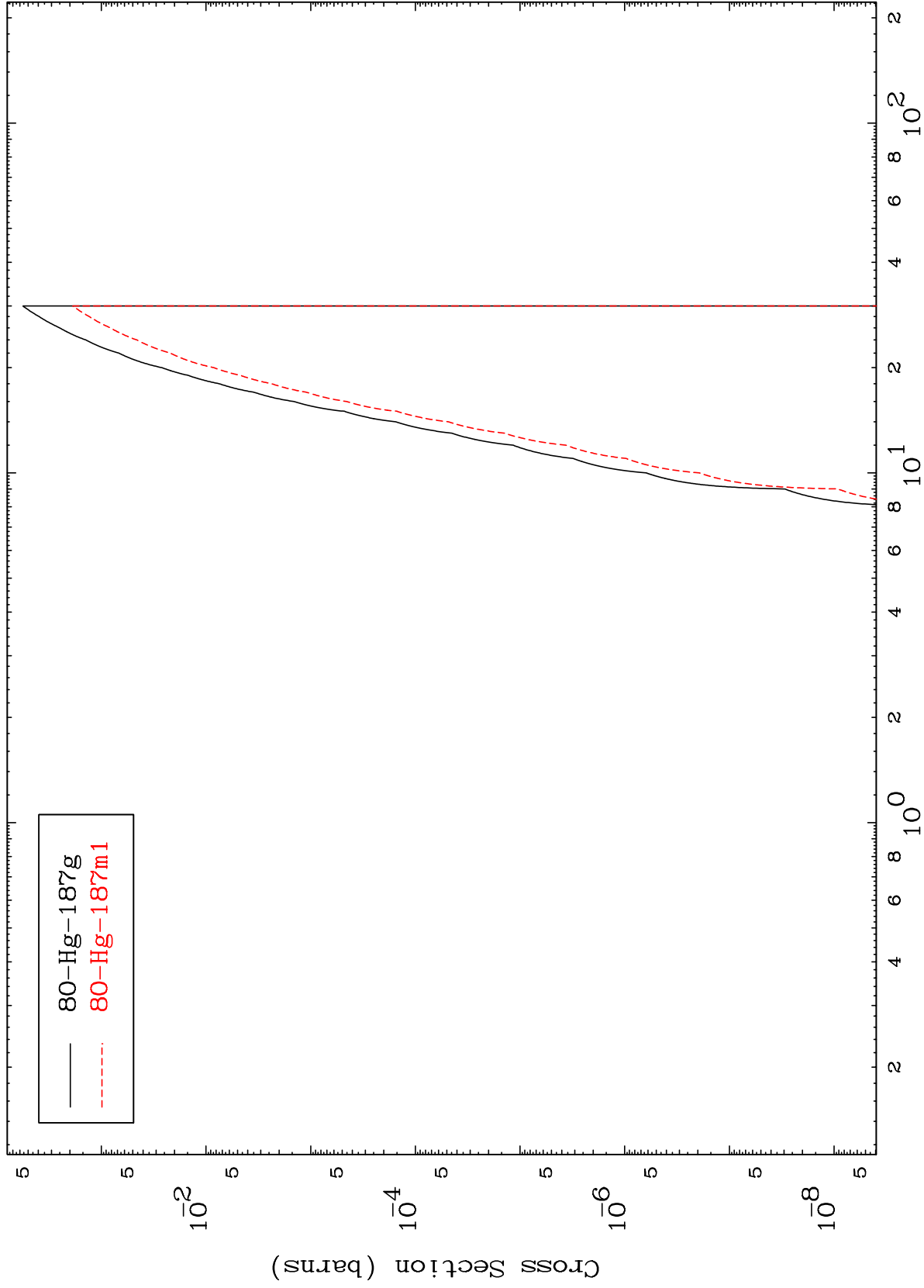


MAT 8077

(t,He-3)

81-Tl-187

Radionuclide Production Cross Section

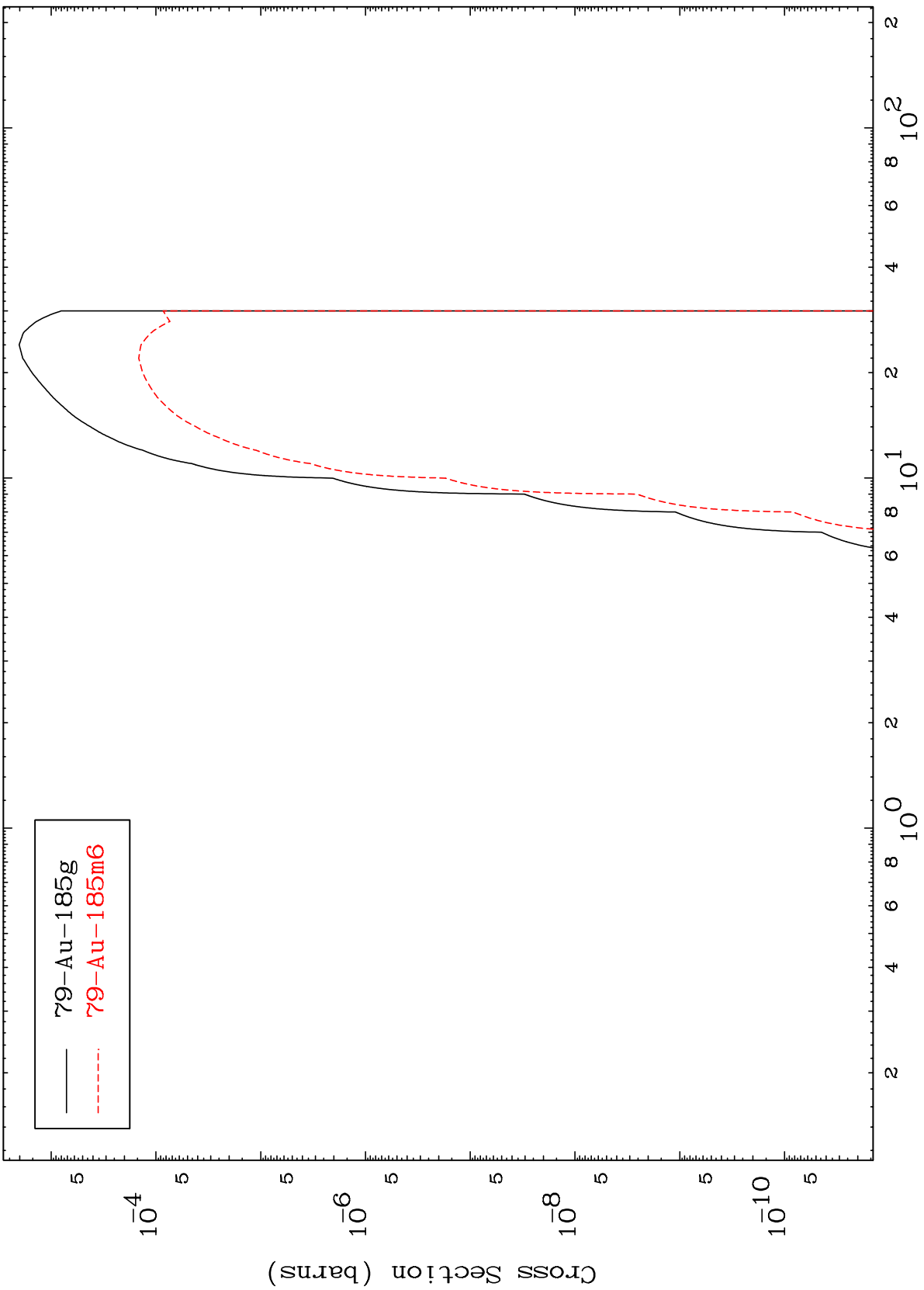


28

Incident Energy (MeV)

81-Tl-187

Radionuclide Production Cross Section



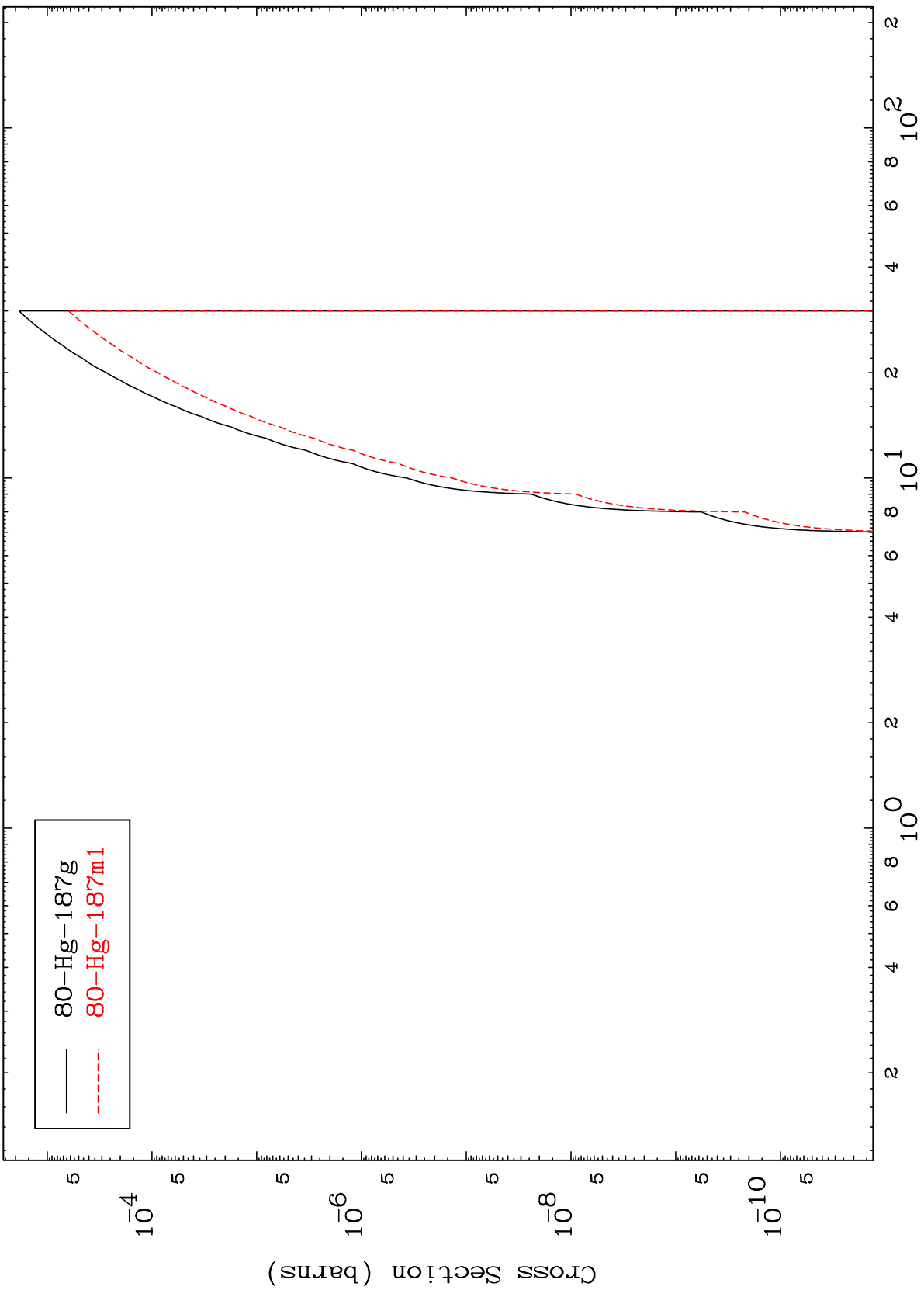
79-Au-185g
79-Au-185m6

MAT 8077

(t,p) d

81-Tl-187

Radionuclide Production Cross Section



80-Hg-187g
80-Hg-187m1

30

Incident Energy (MeV)

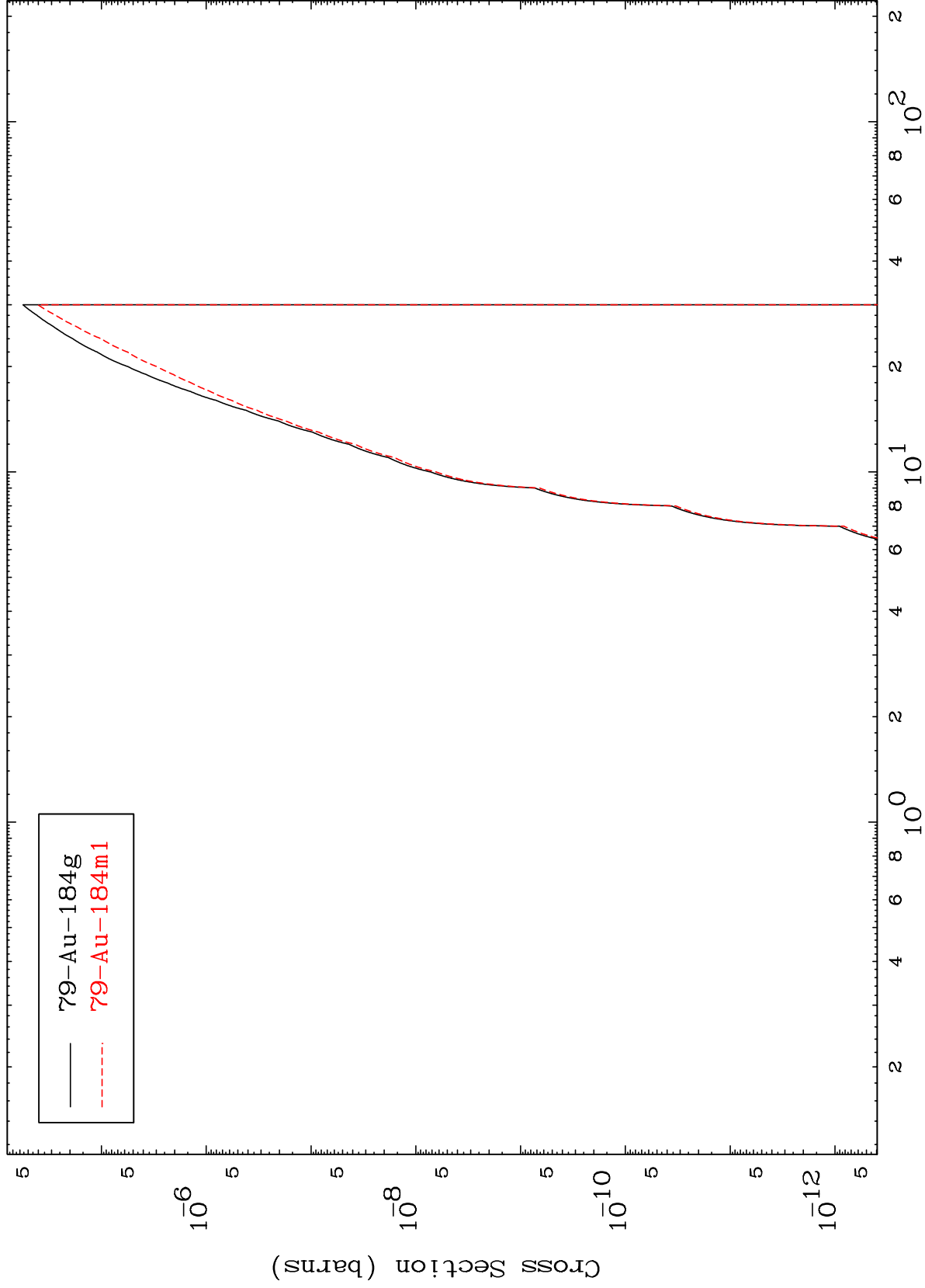
81-Tl-187

MAT 8077

(t,d) α

81-Tl-187

Radionuclide Production Cross Section



31

Incident Energy (MeV)

81-Tl-187