

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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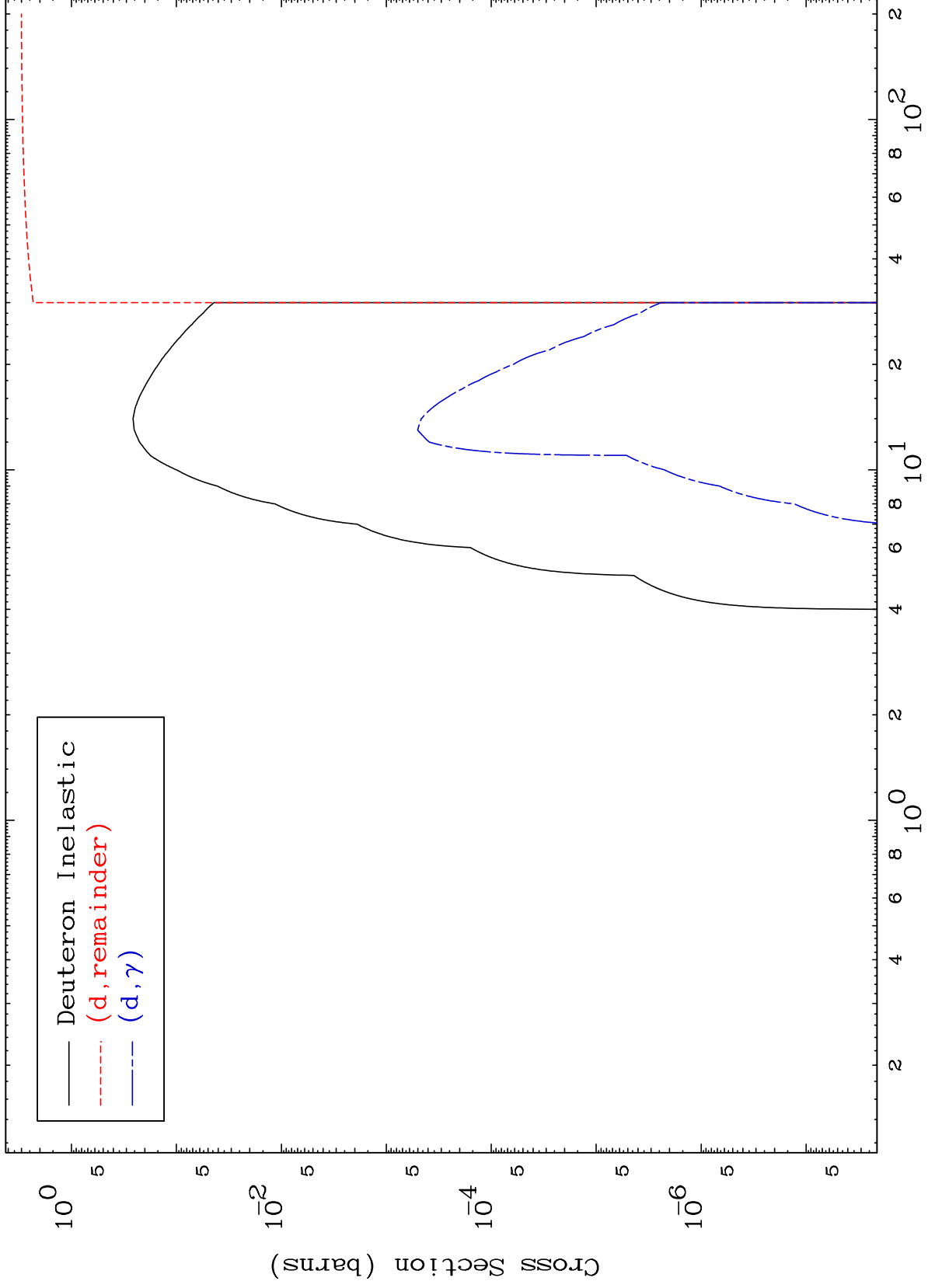
Tele: 925-443-1911

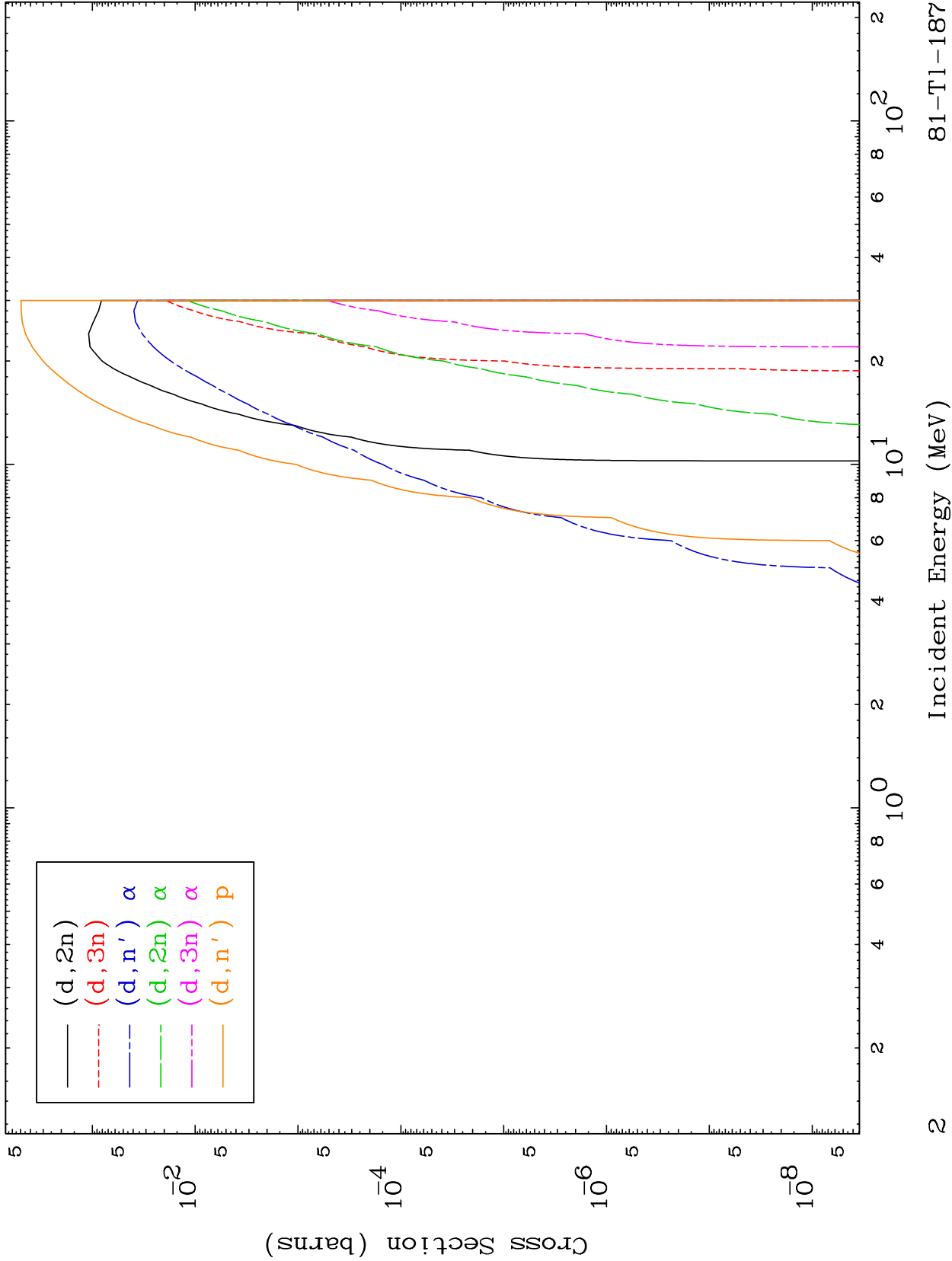
E.Mail:redcullen1@comcast.net

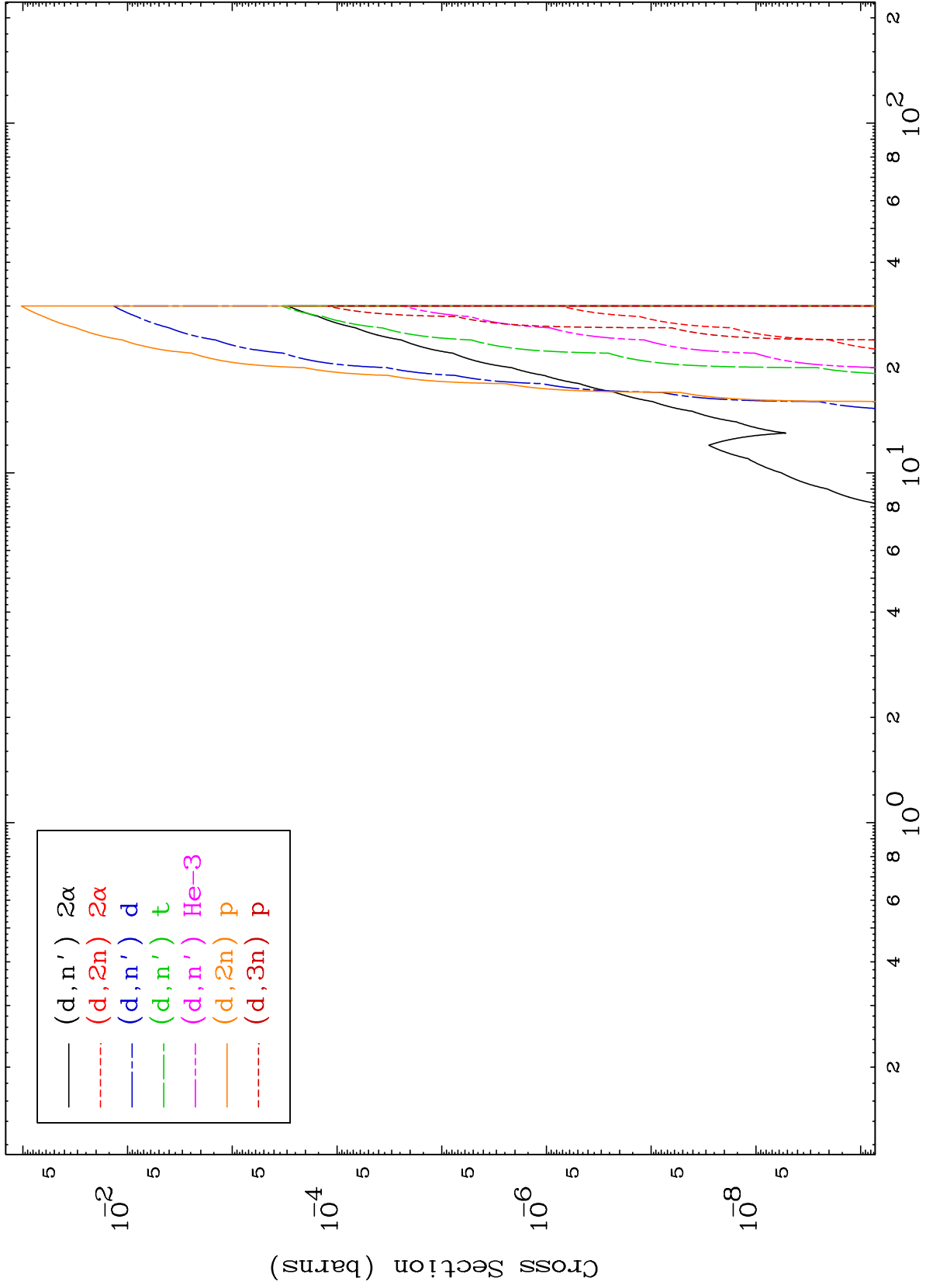
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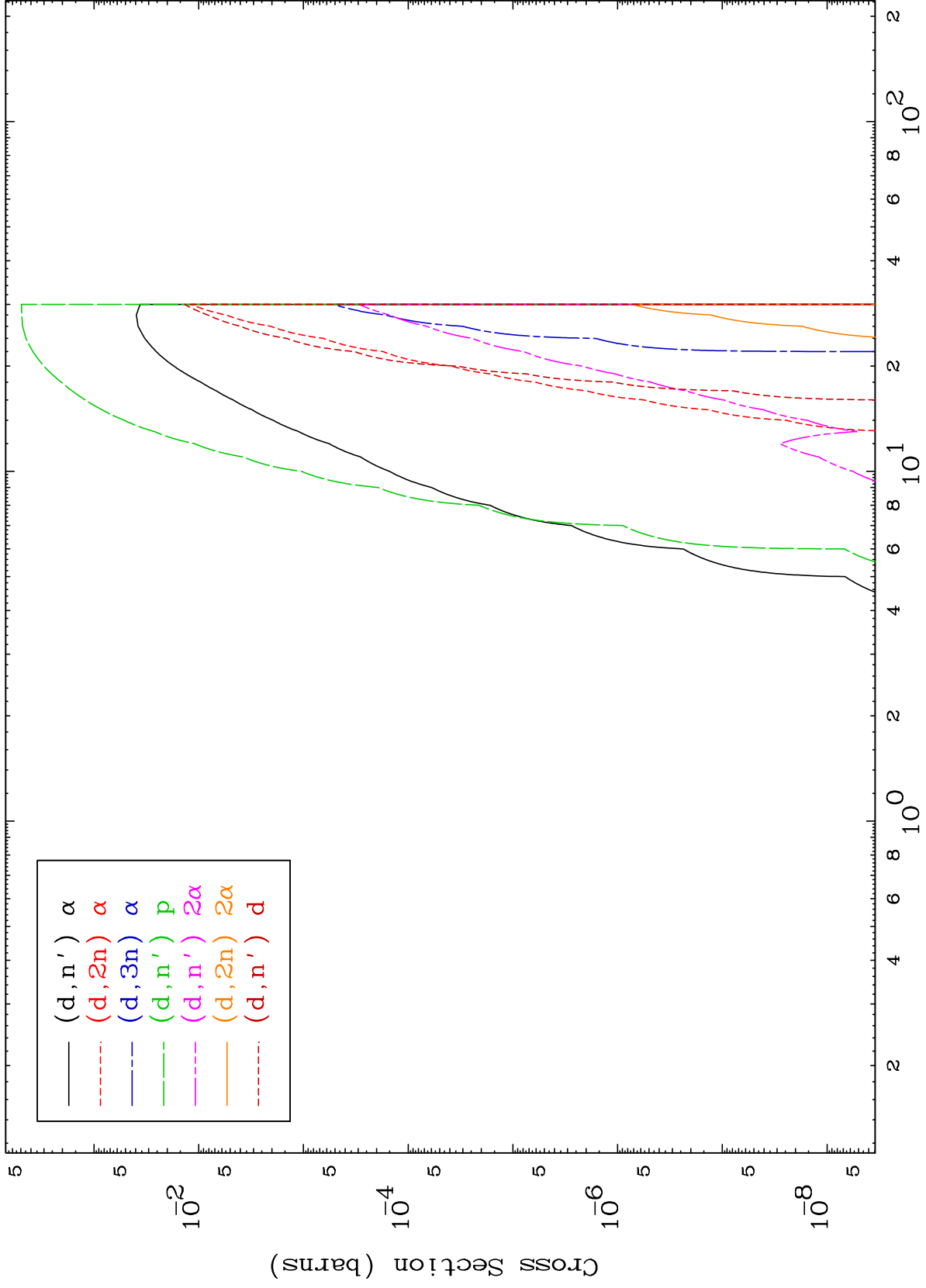
Press Mouse Button to Start

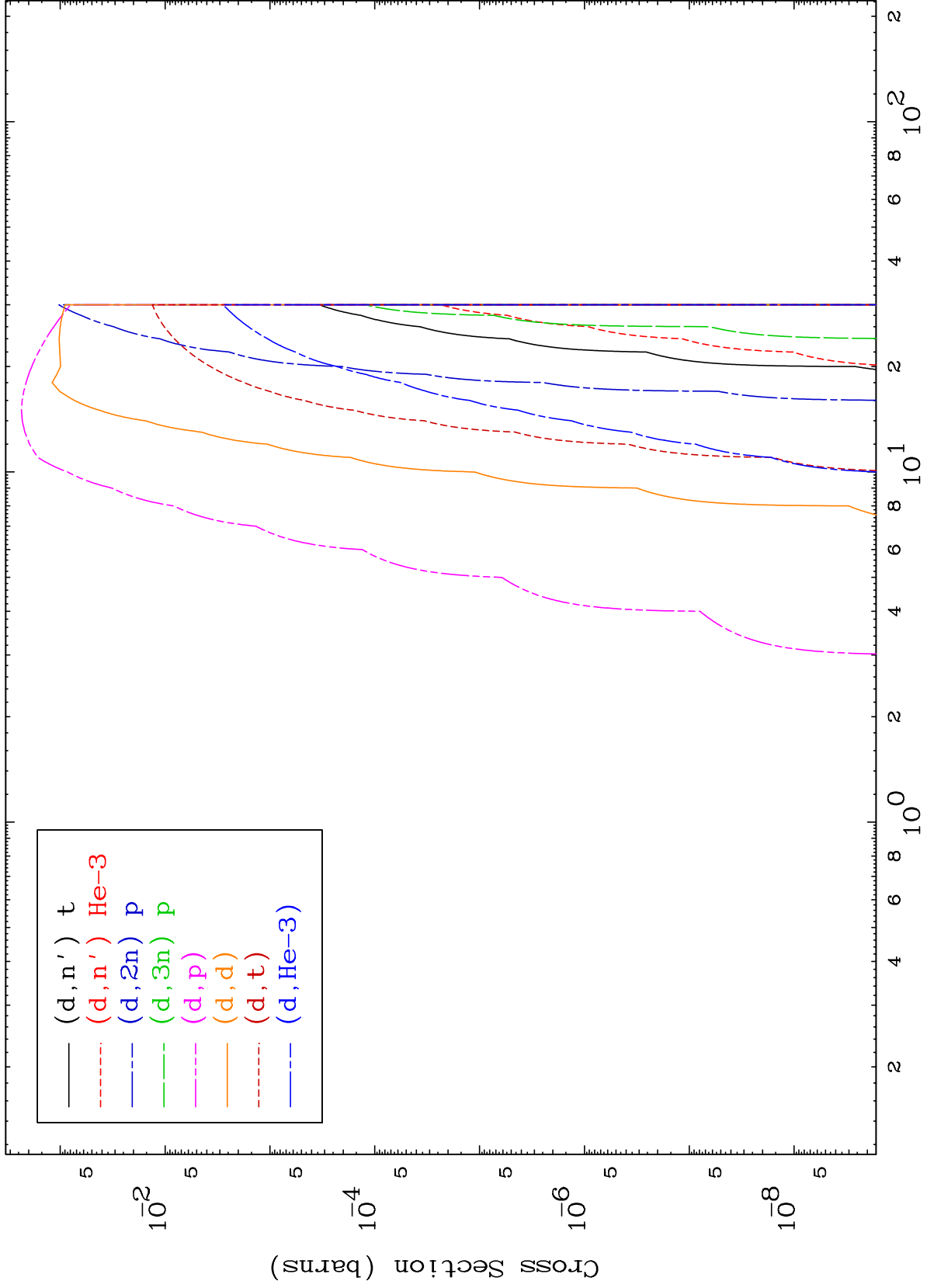
0 Kelvin Cross Sections

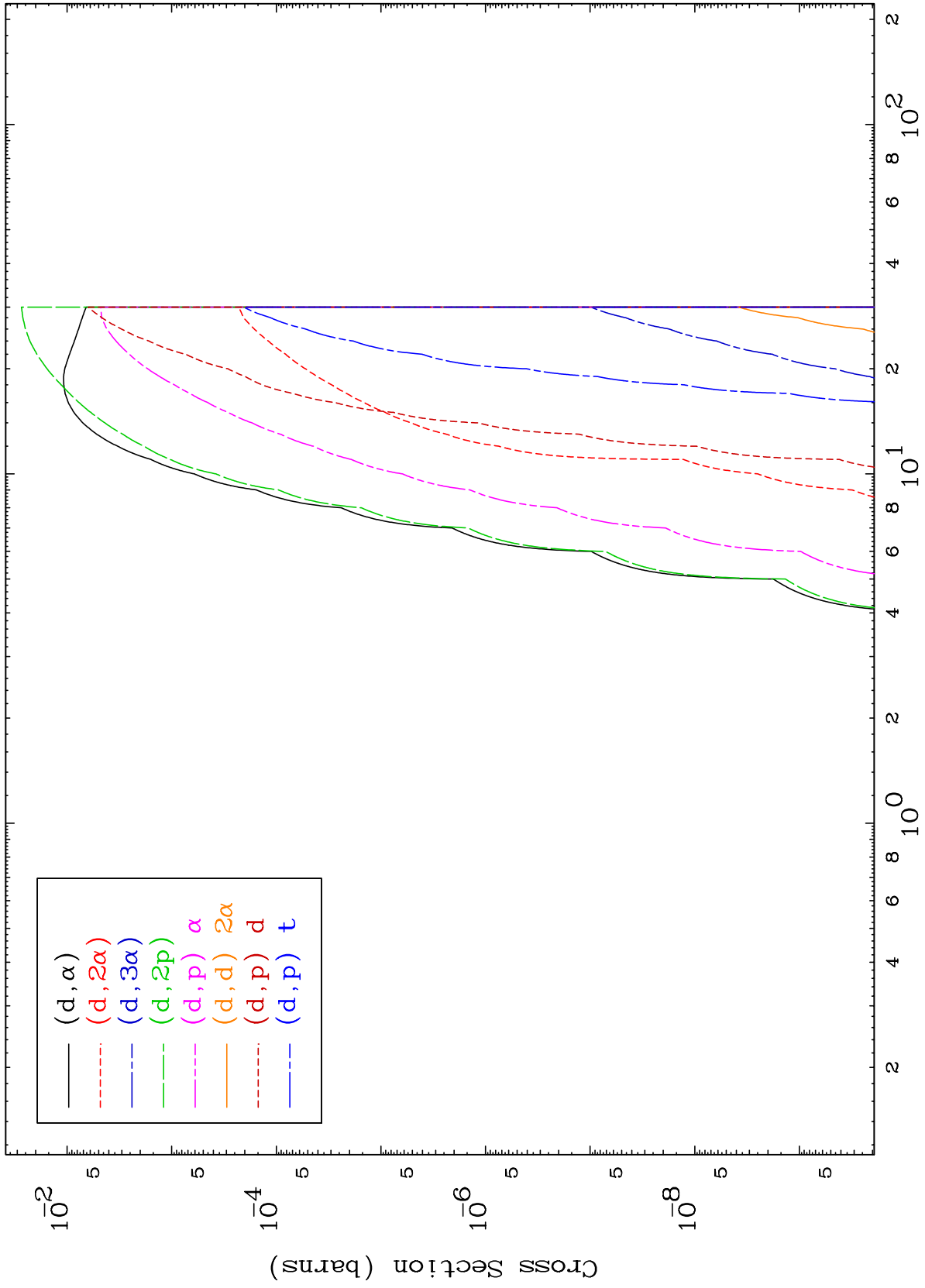










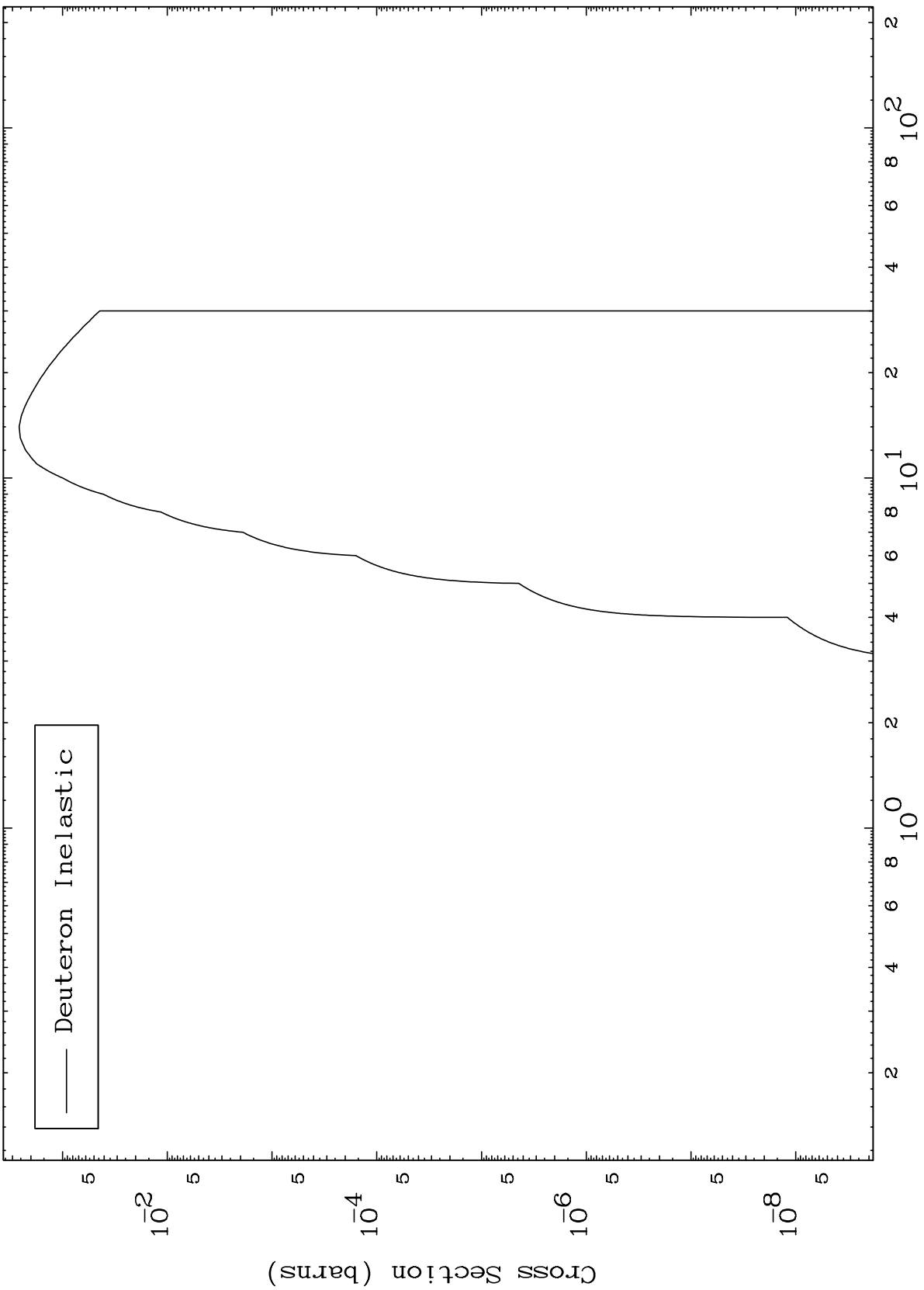


MAT 8078

(d,n') Level

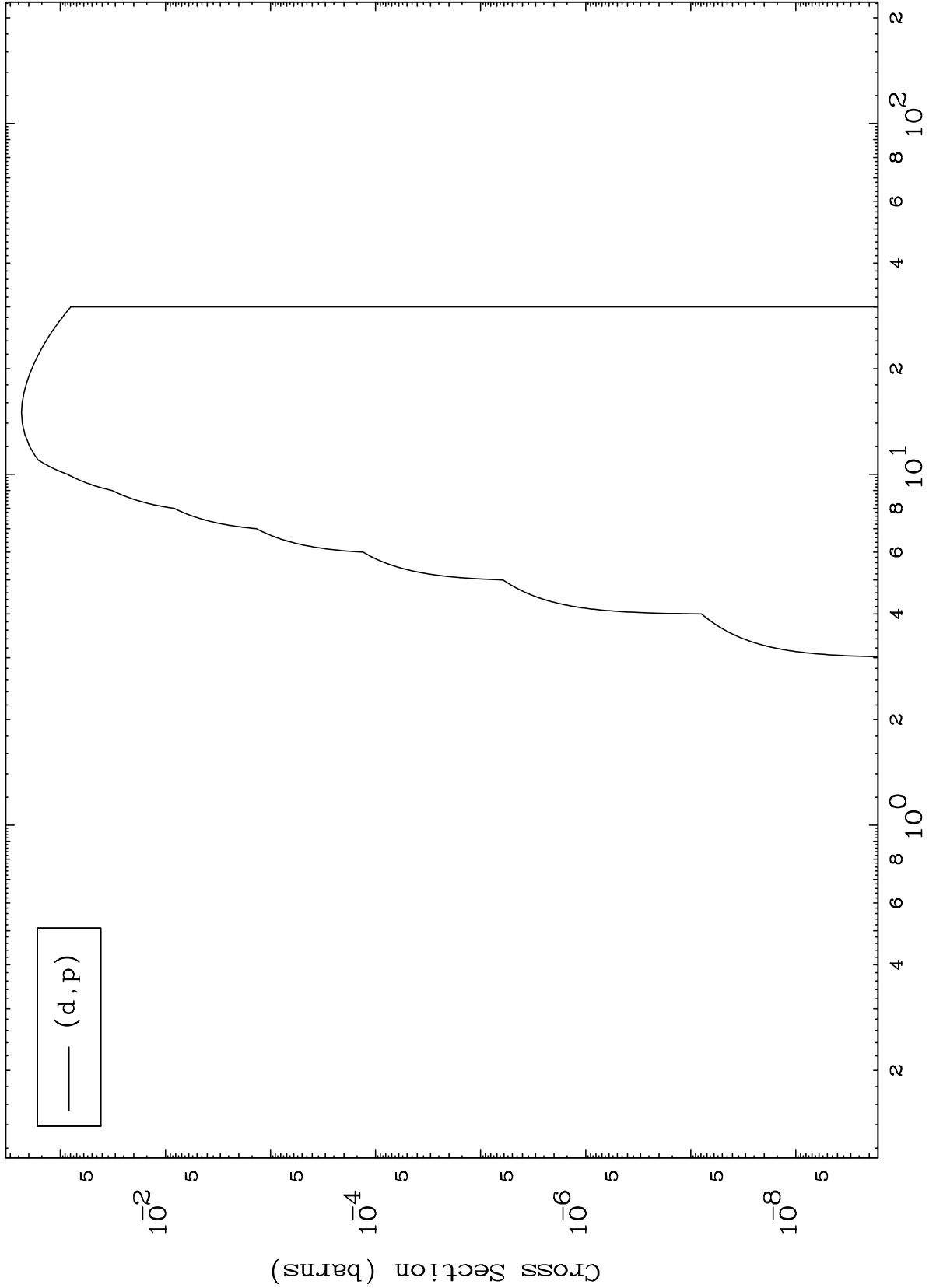
81-Tl-187

0 Kelvin Cross Sections





0 Kelvin Cross Sections

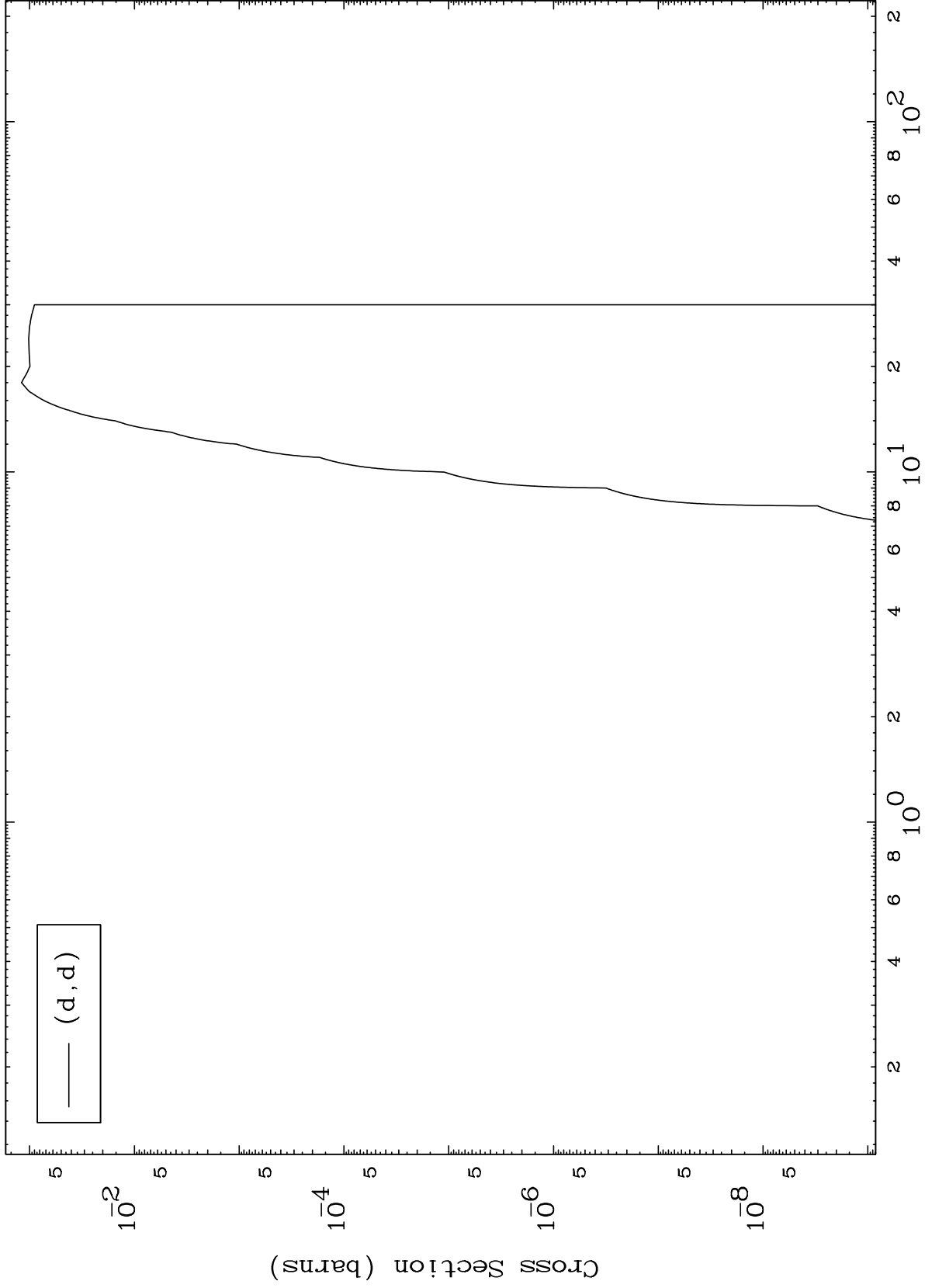


MAT 8078

(d,d) Levels

81-Tl-187

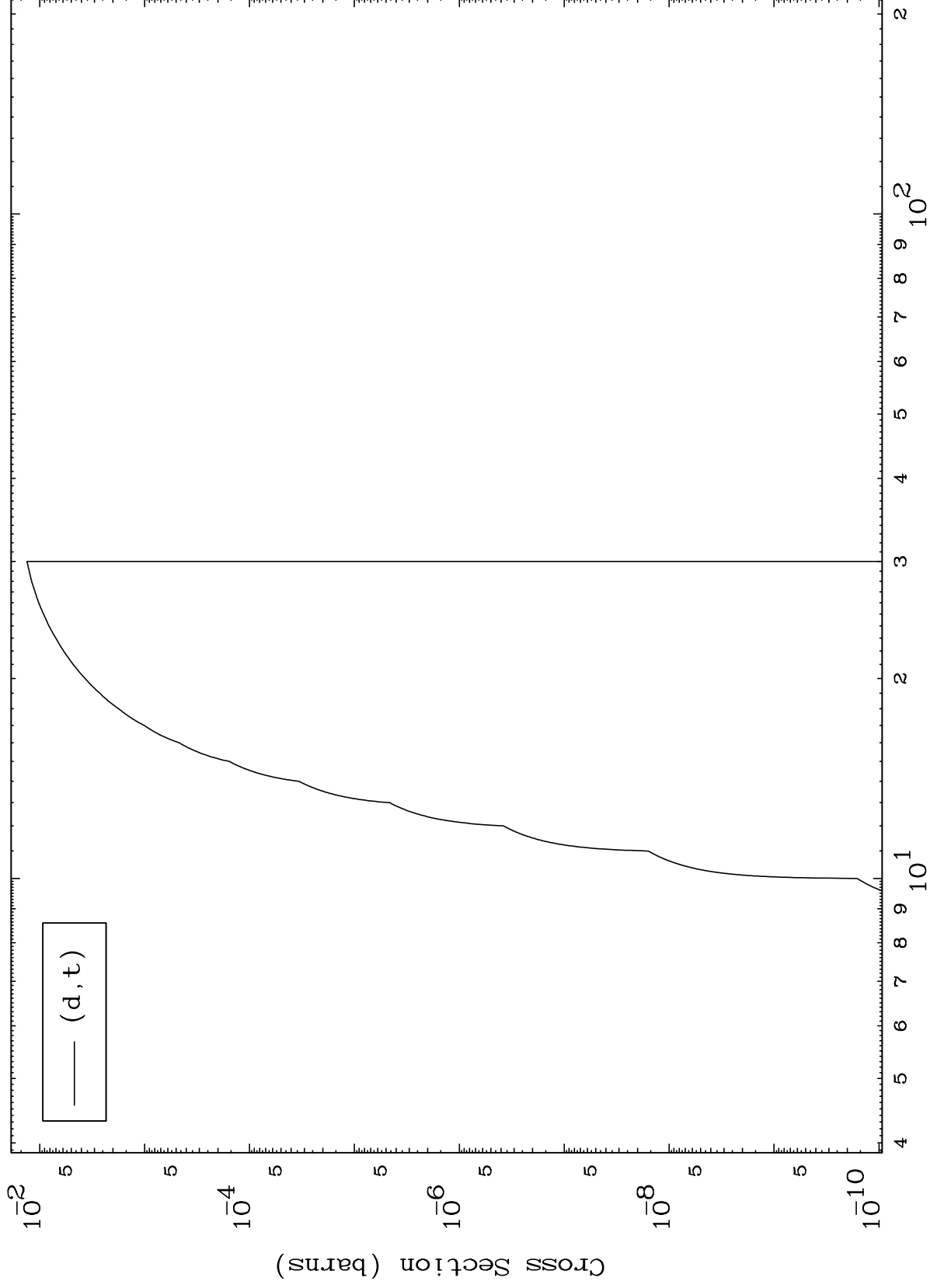
0 Kelvin Cross Sections



MAT 8078

(d,t) Levels  
0 Kelvin Cross Sections

81-Tl-187



10

Incident Energy (MeV)

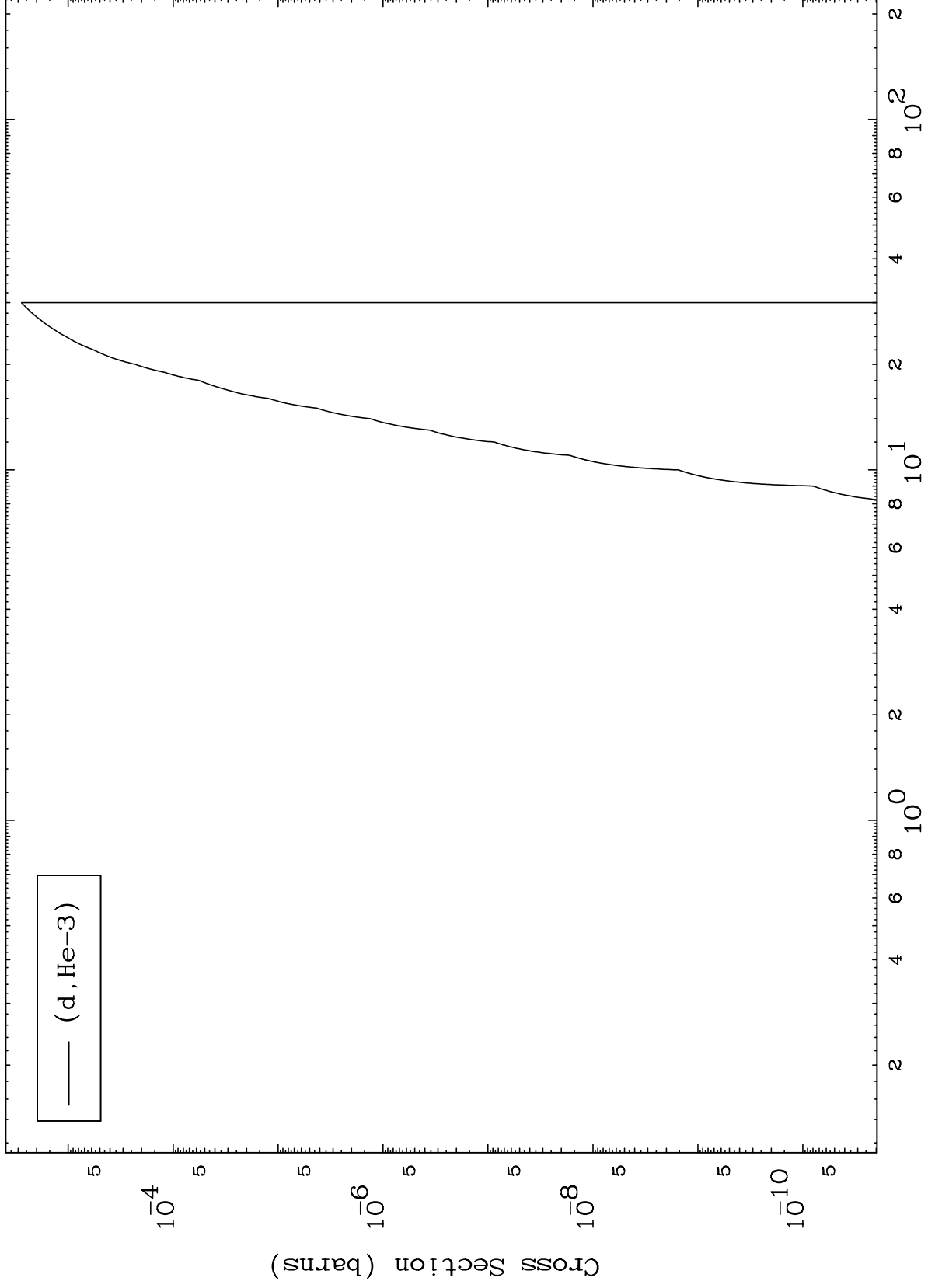
81-Tl-187

MAT 8078

(d,He3) Levels

81-Tl-187

0 Kelvin Cross Sections

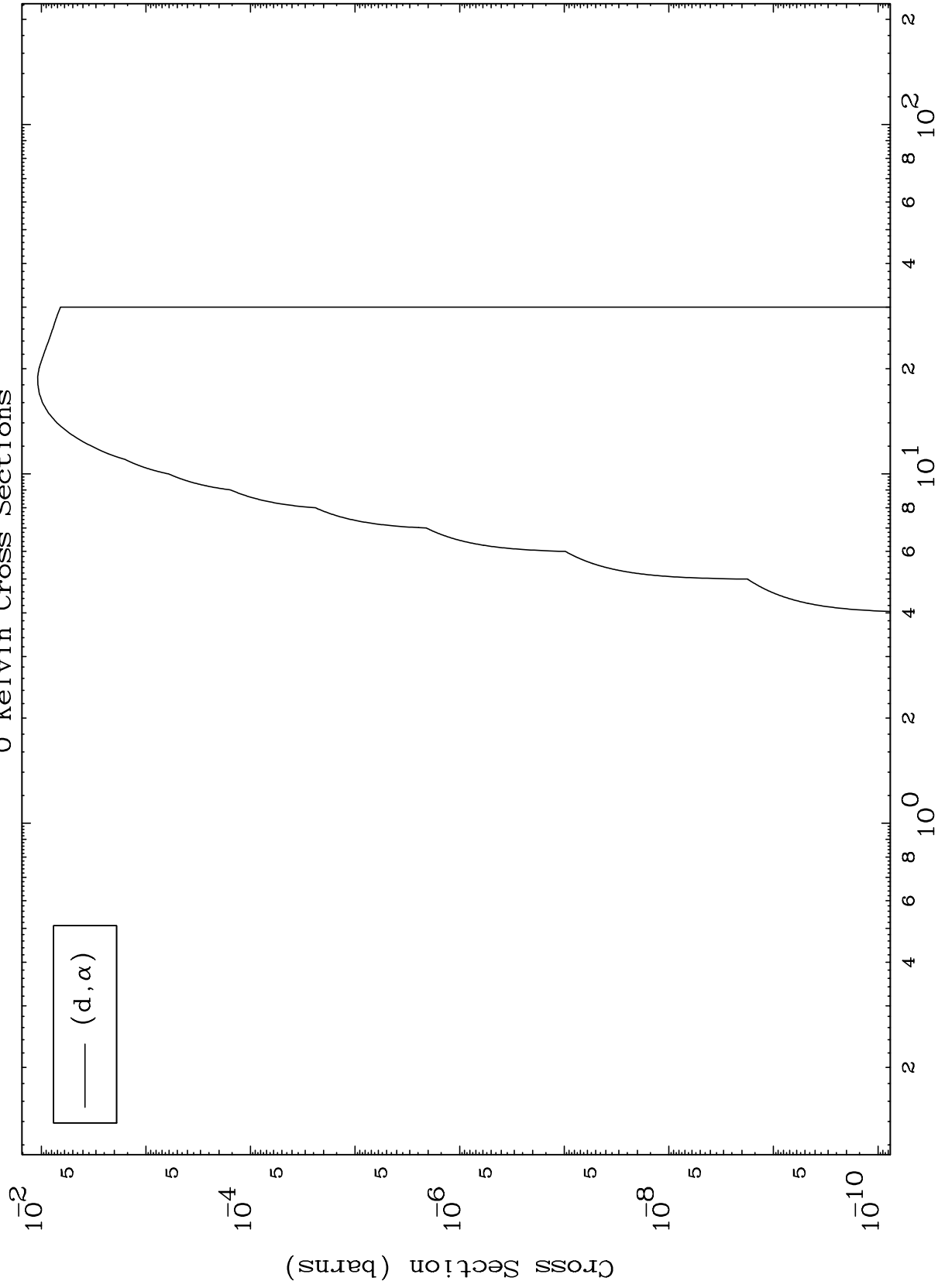


(d, He-3)

MAT 8078

81-Tl-187

(d,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



81-Tl-187

Incident Energy (MeV)

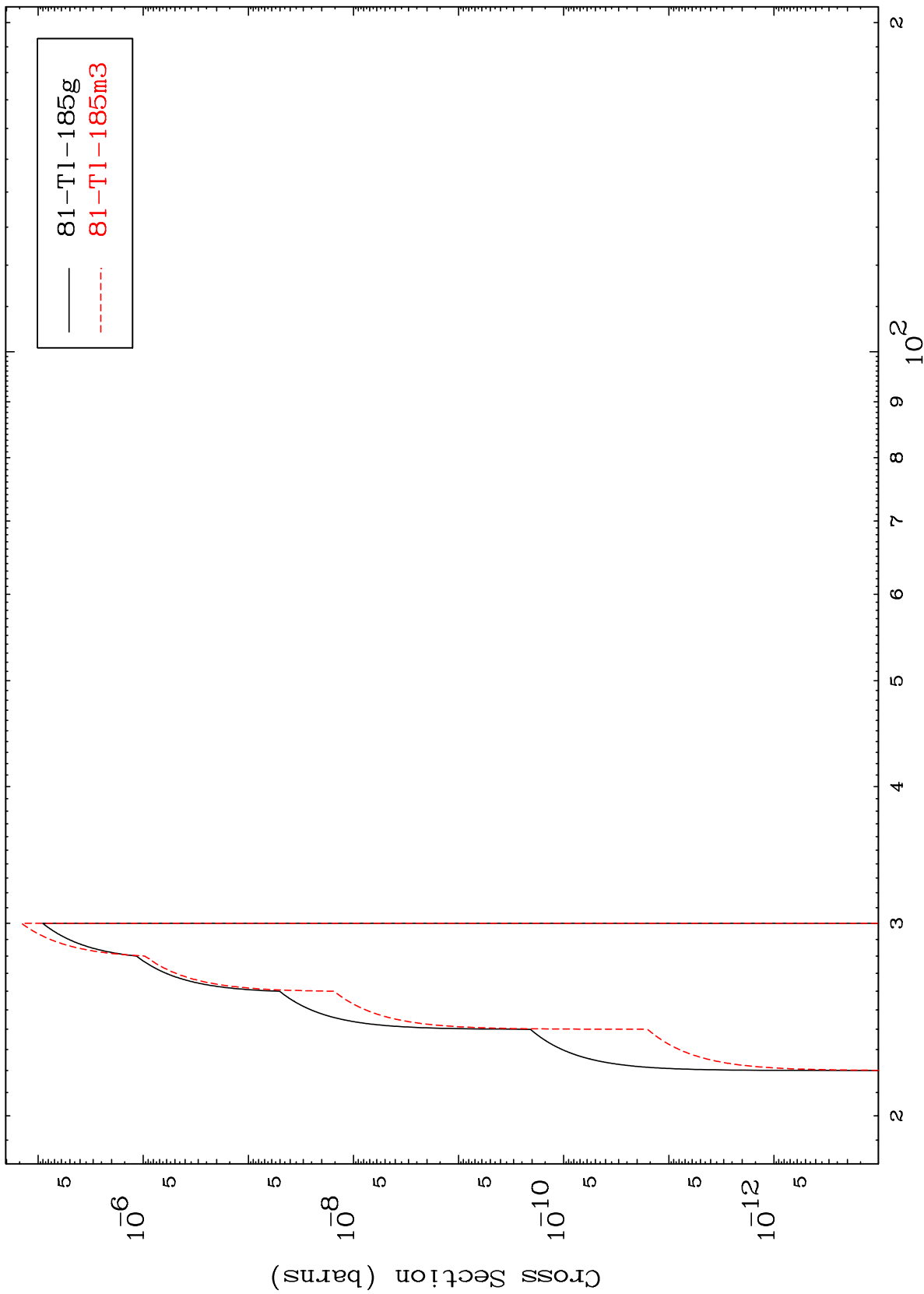
12

MAT 8078

(d,2n) d

81-Tl-187

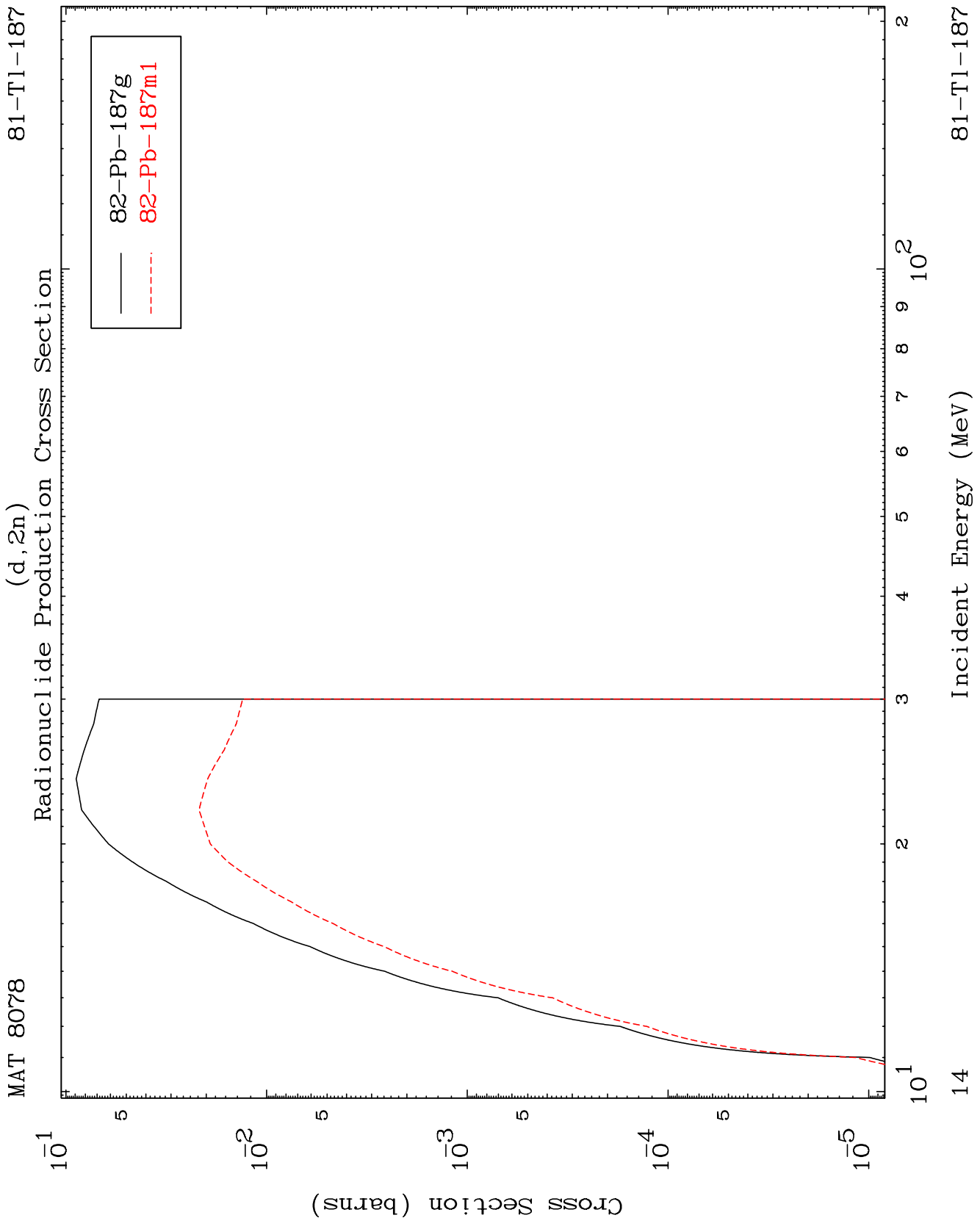
Radionuclide Production Cross Section



13

Incident Energy (MeV)

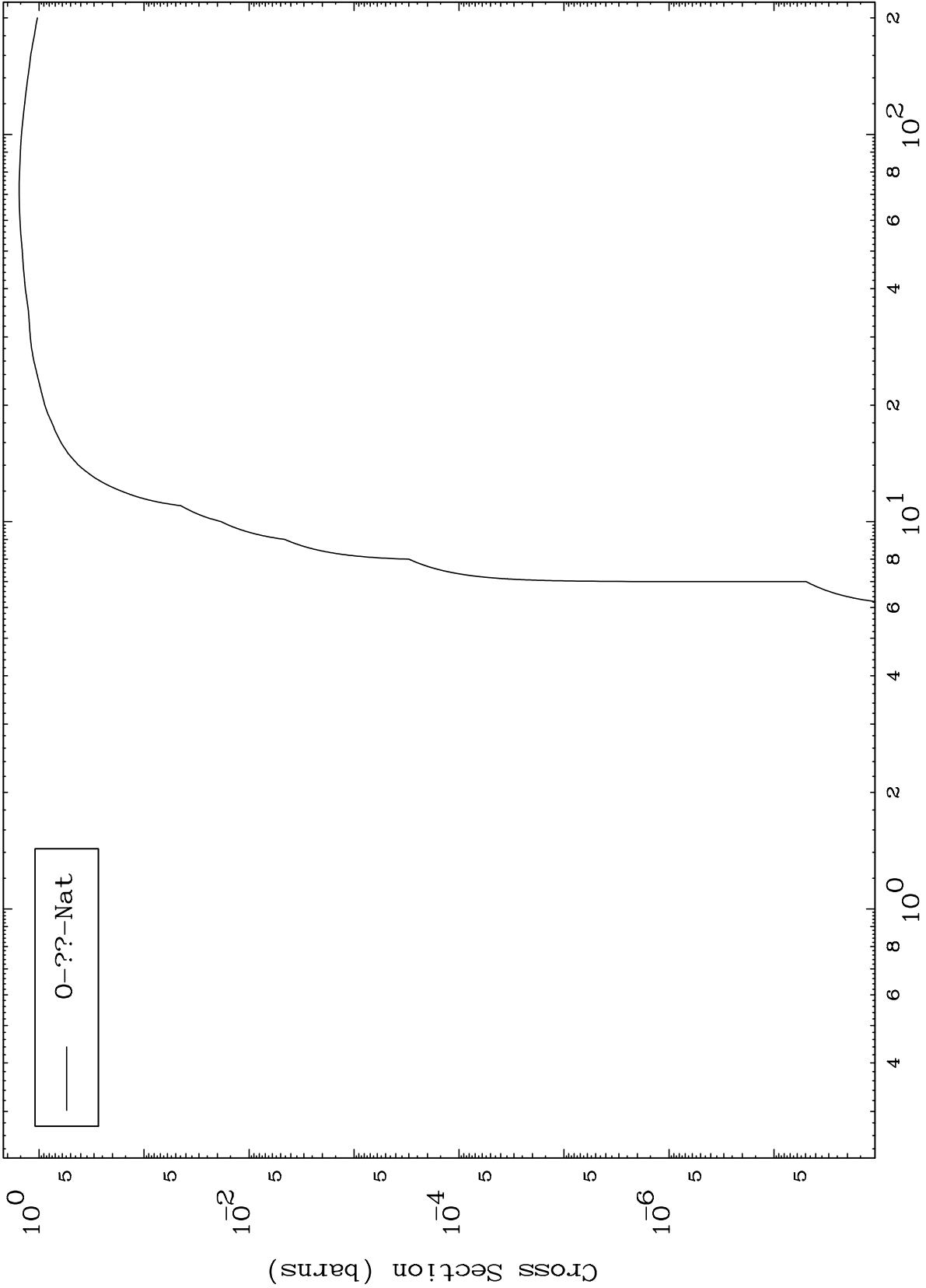
81-Tl-187



MAT 8078

81-Tl-187

Deuteron Fission  
Radionuclide Production Cross Section



15

81-Tl-187

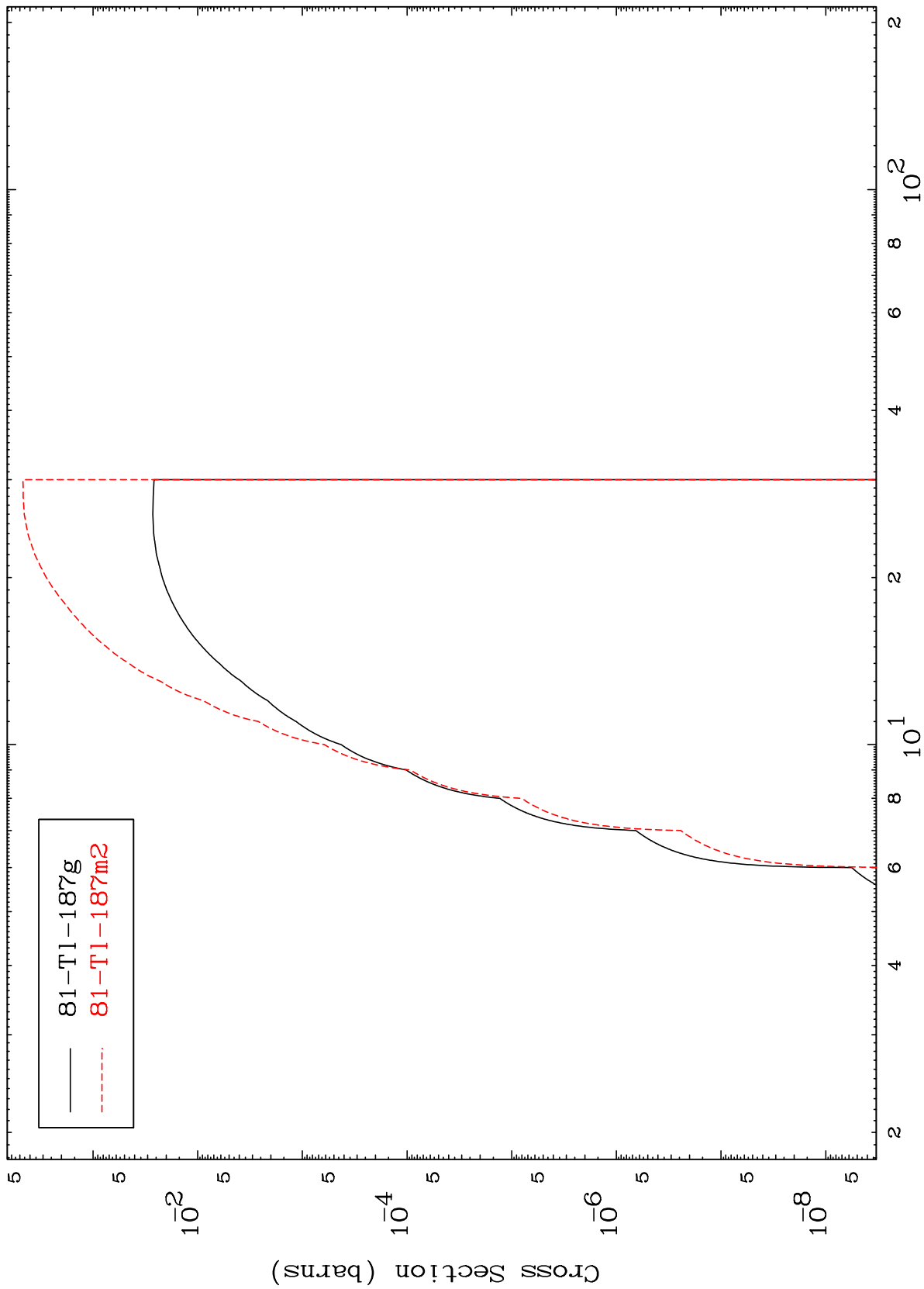


MAT 8078

(d,n') p

81-Tl-187

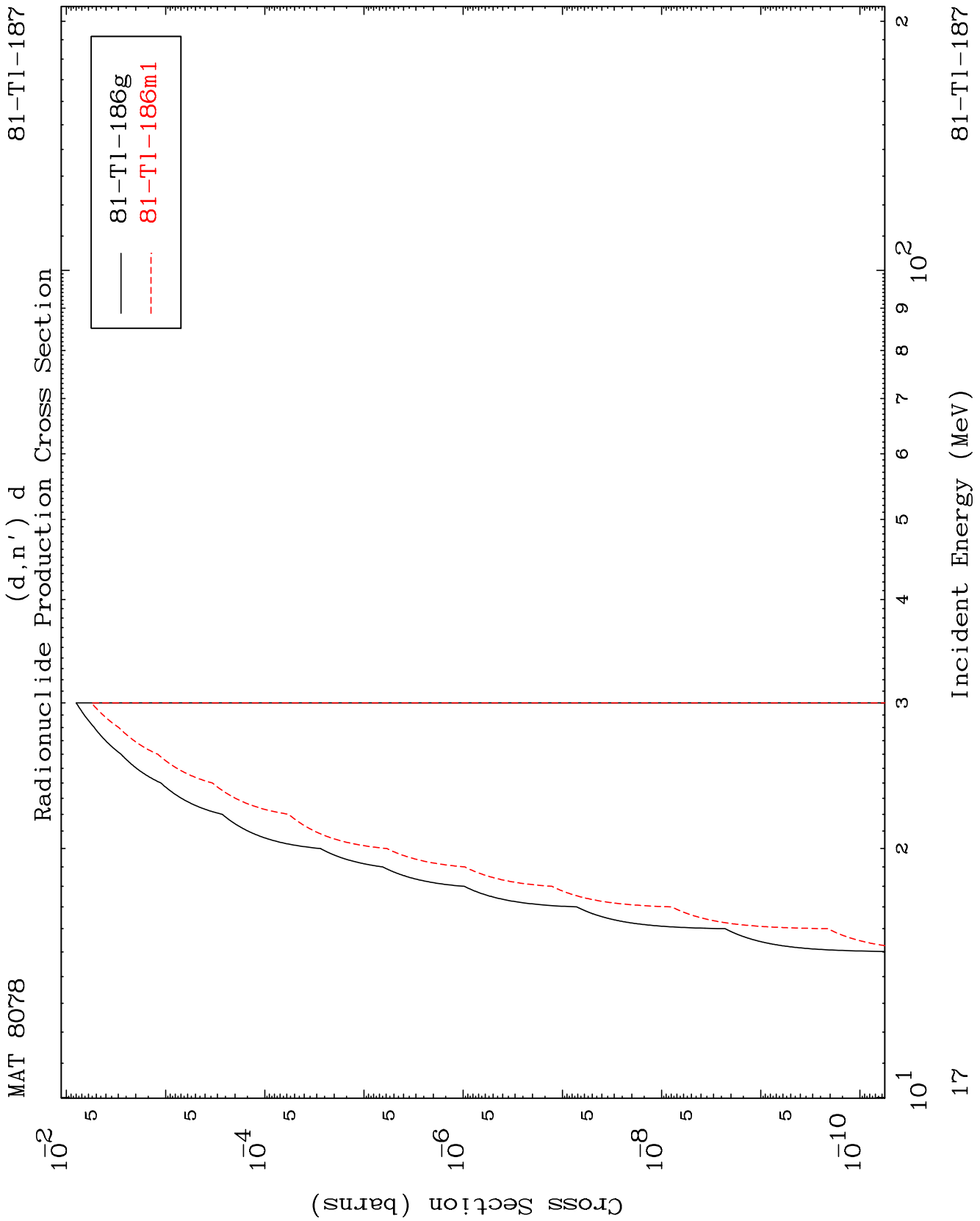
Radionuclide Production Cross Section



16

Incident Energy (MeV)

81-Tl-187

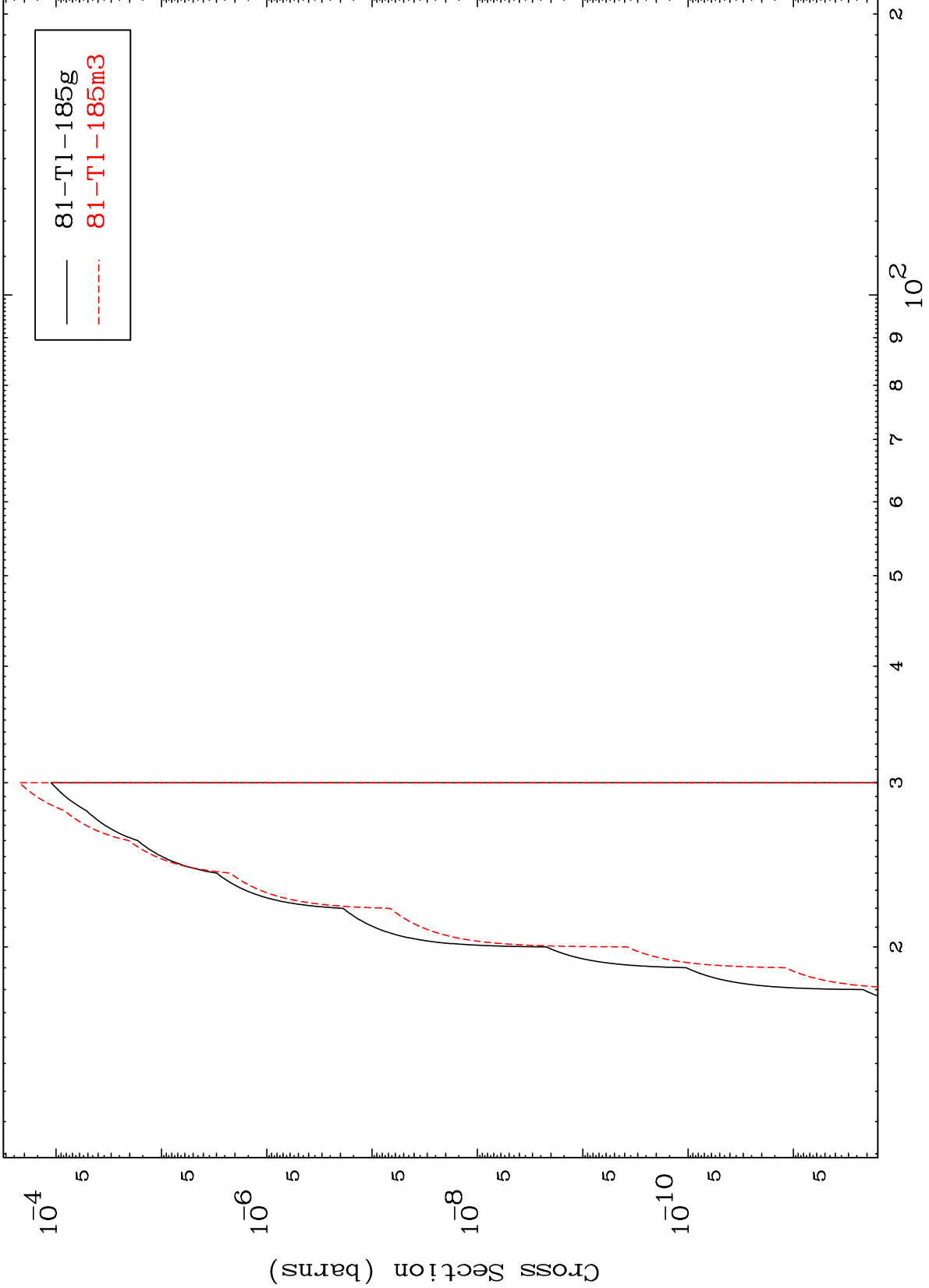


MAT 8078

(d,n') t

81-Tl-187

Radionuclide Production Cross Section



18

Incident Energy (MeV)

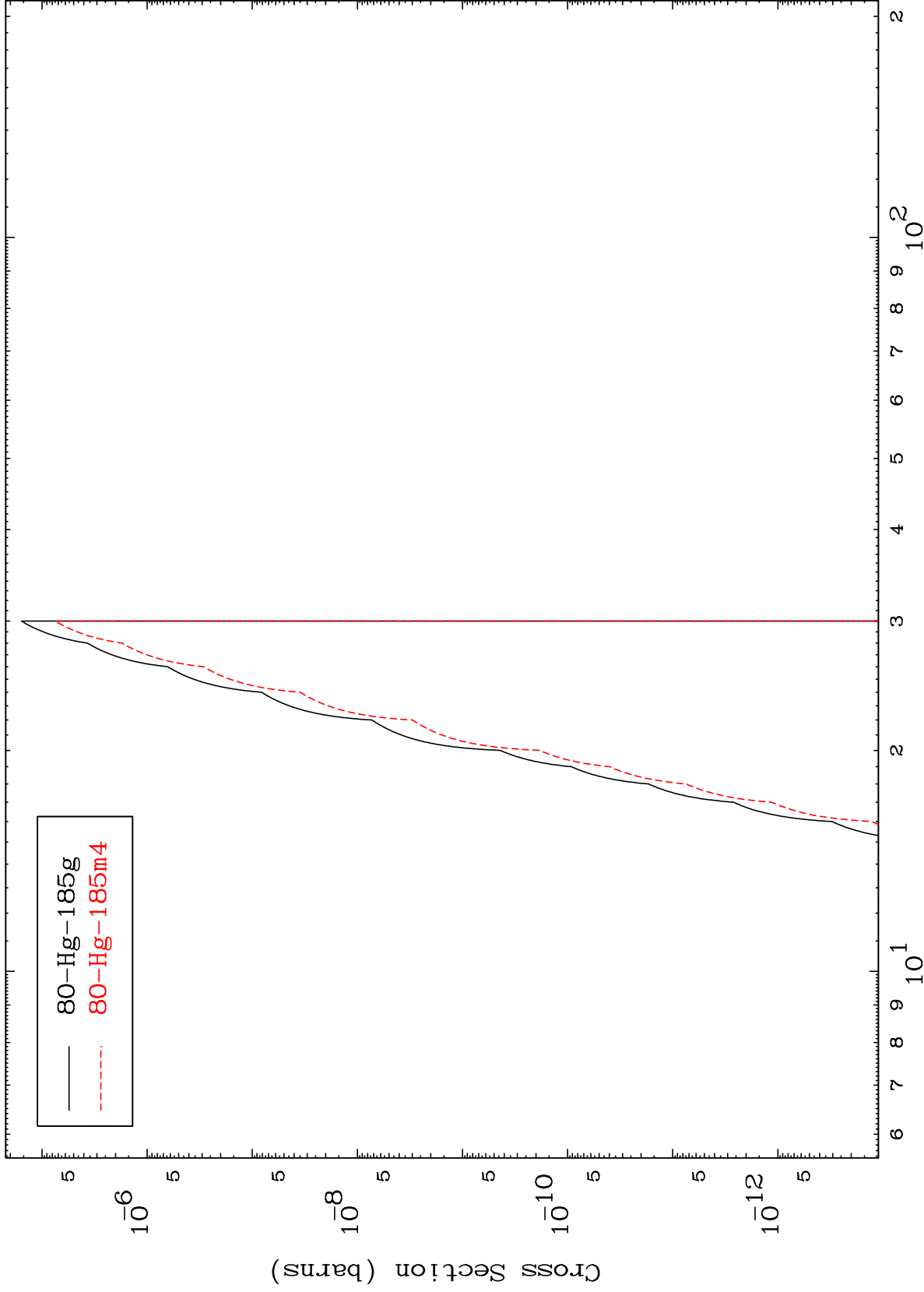
81-Tl-187

MAT 8078

(d,n') He-3

81-Tl-187

Radionuclide Production Cross Section



19

Incident Energy (MeV)

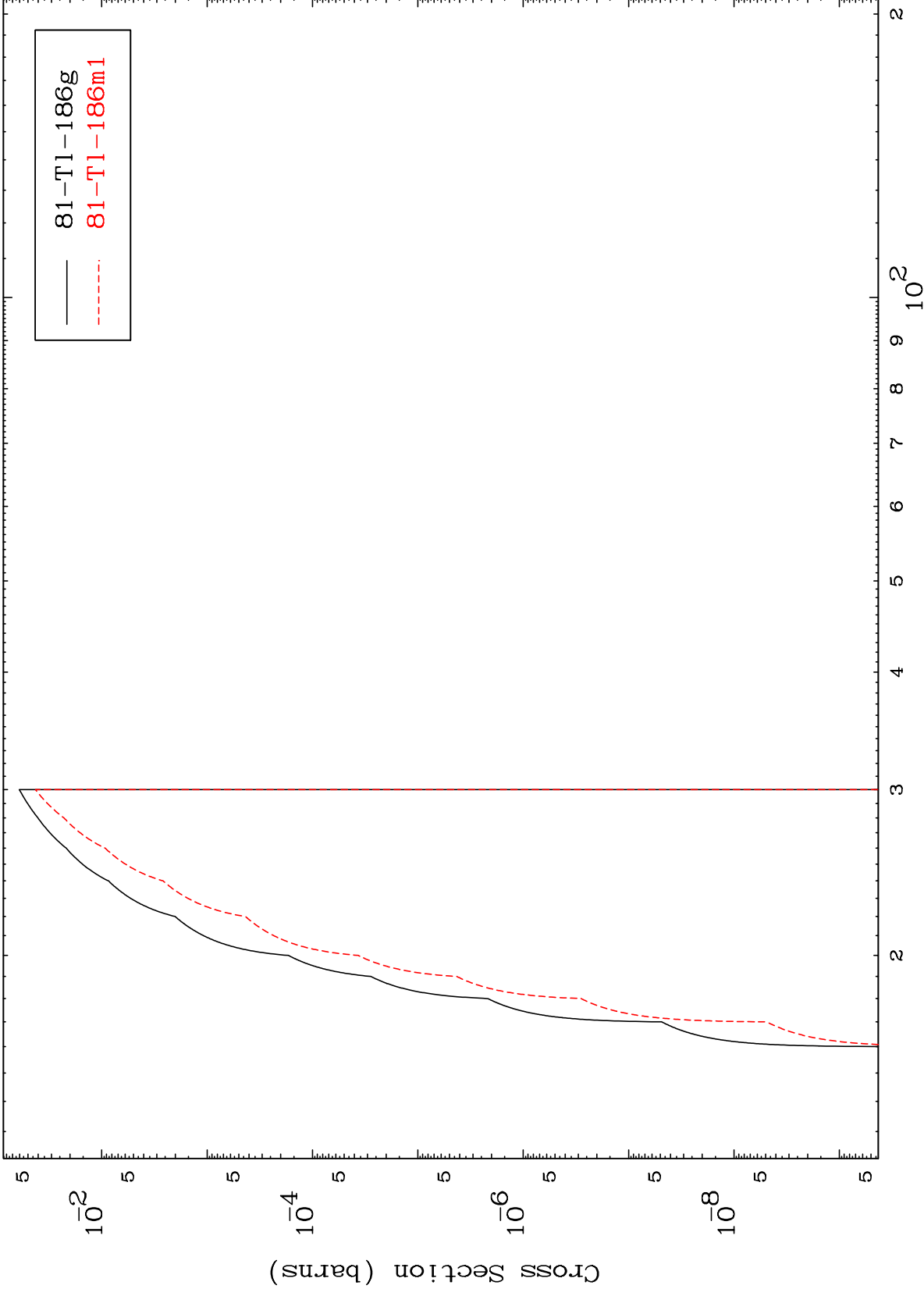
81-Tl-187

MAT 8078

(d,2n) p

81-Tl-187

Radionuclide Production Cross Section



81-Tl-186g  
81-Tl-186m1

20

Incident Energy (MeV)

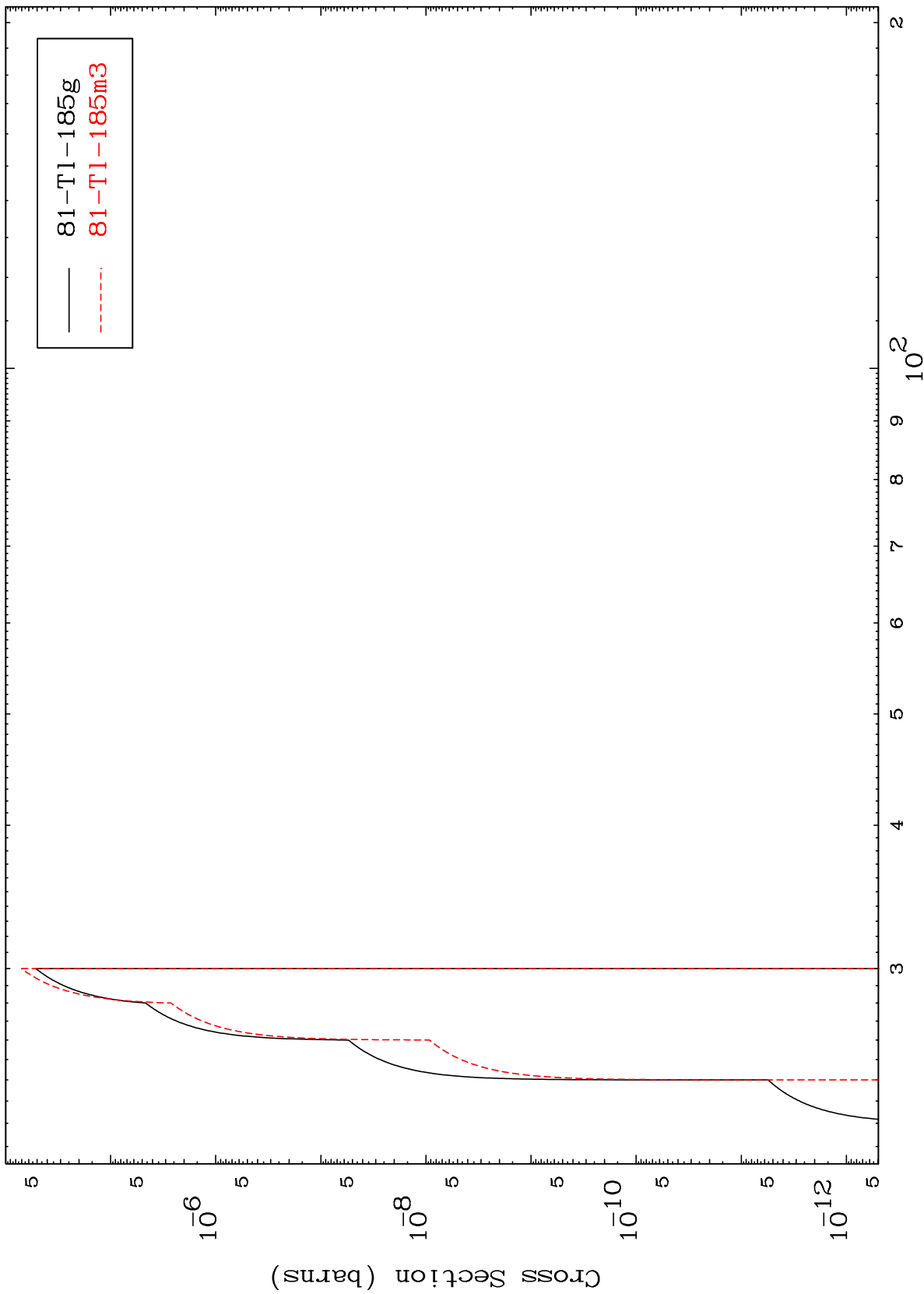
81-Tl-187

MAT 8078

(d,3n) p

81-Tl-187

Radionuclide Production Cross Section



21

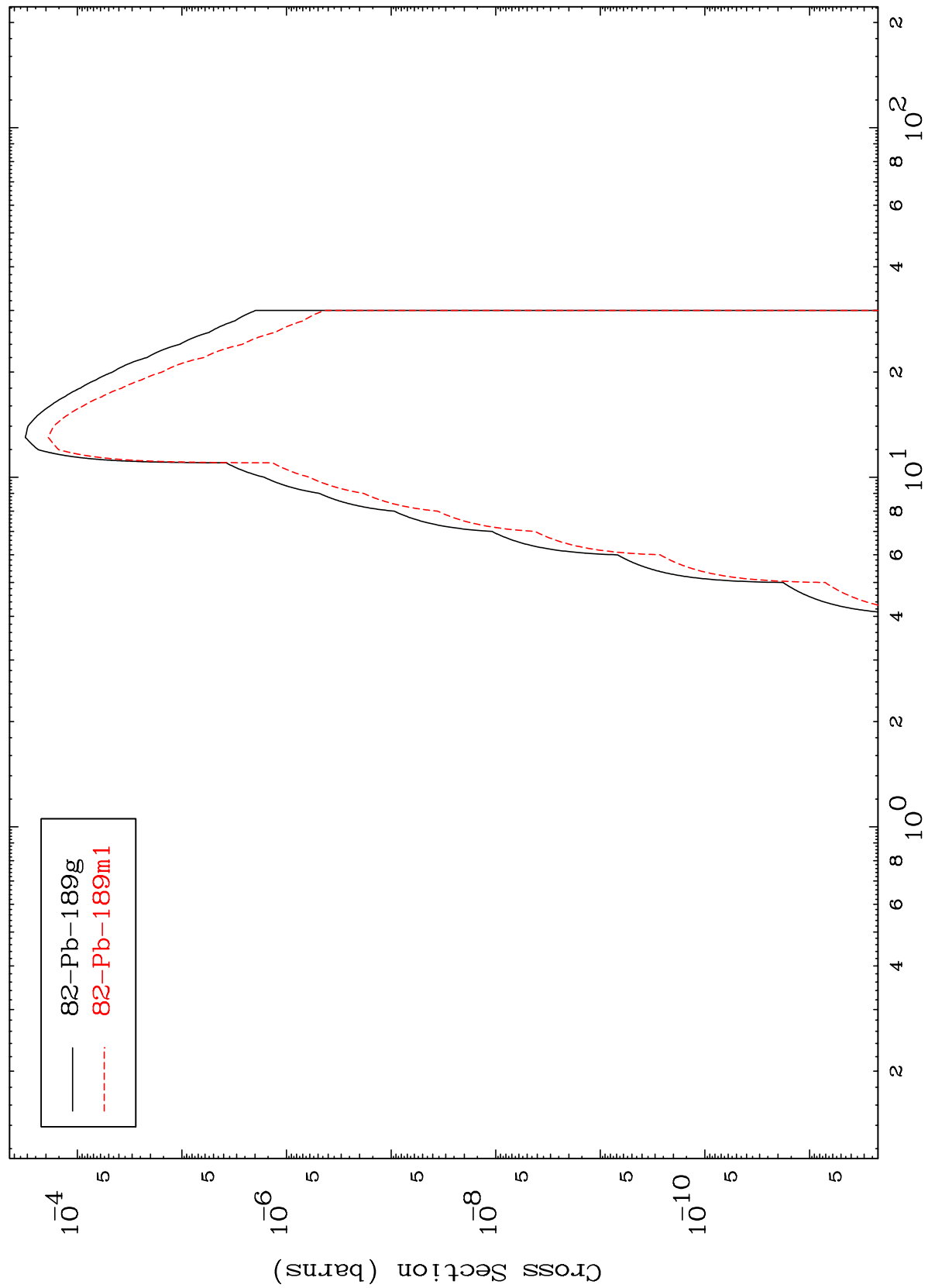
Incident Energy (MeV)

81-Tl-187

MAT 8078

81-Tl-187

(d,  $\gamma$ )  
Radionuclide Production Cross Section



22

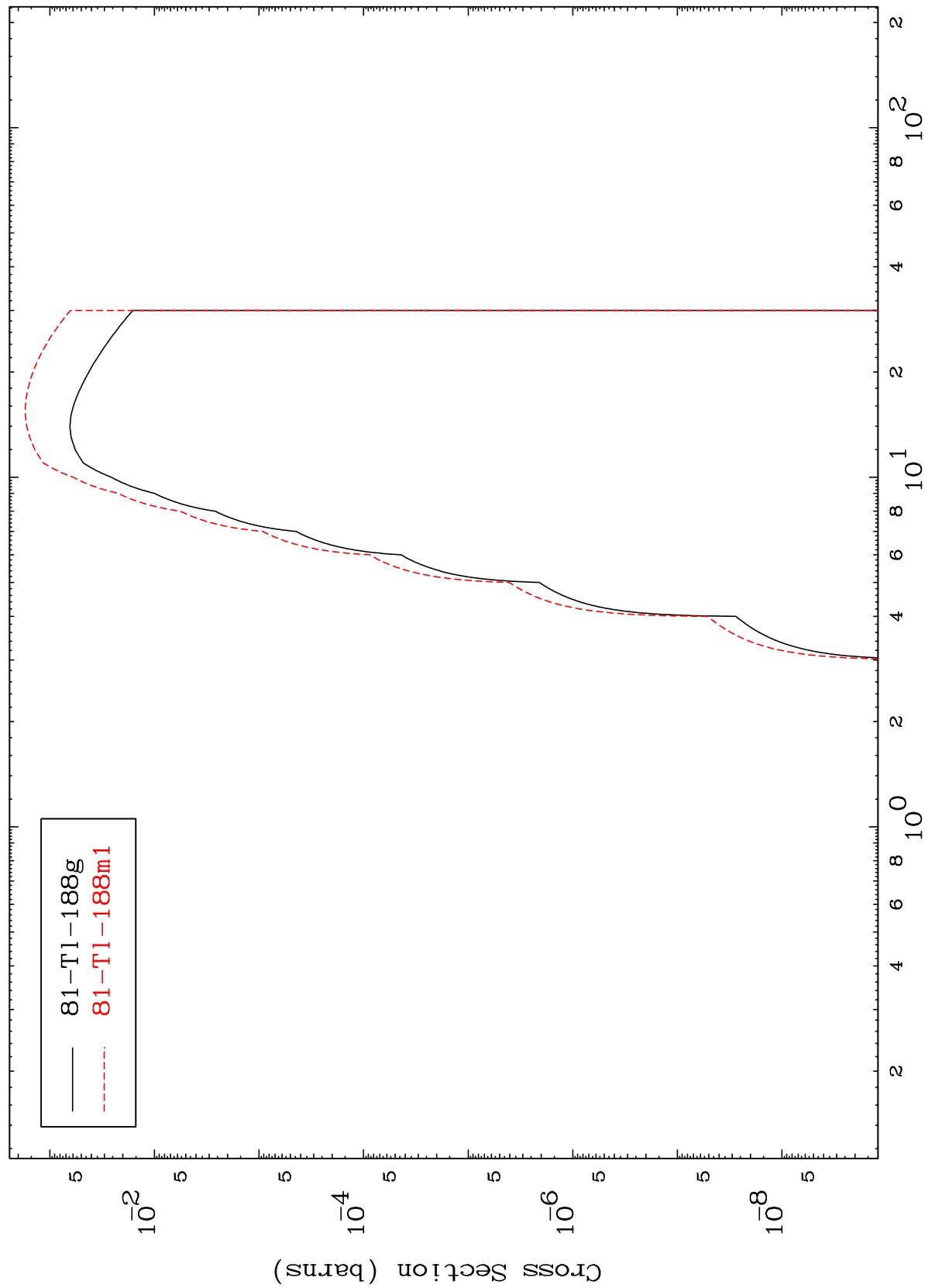
81-Tl-187

Incident Energy (MeV)

MAT 8078

81-Tl-187

(d,p)  
Radionuclide Production Cross Section



81-Tl-187

Incident Energy (MeV)

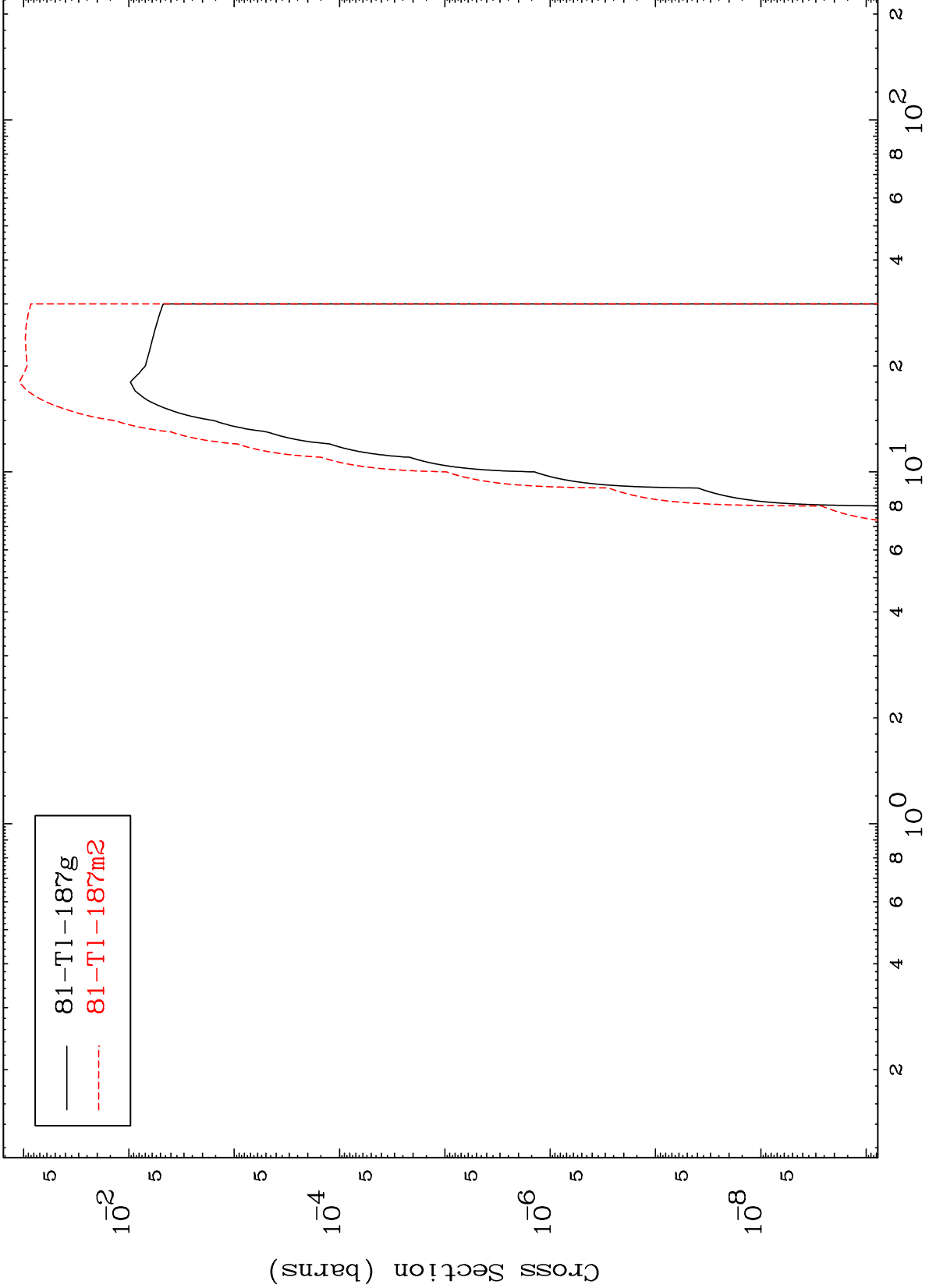


MAT 8078

(d,d)

81-Tl-187

Radionuclide Production Cross Section

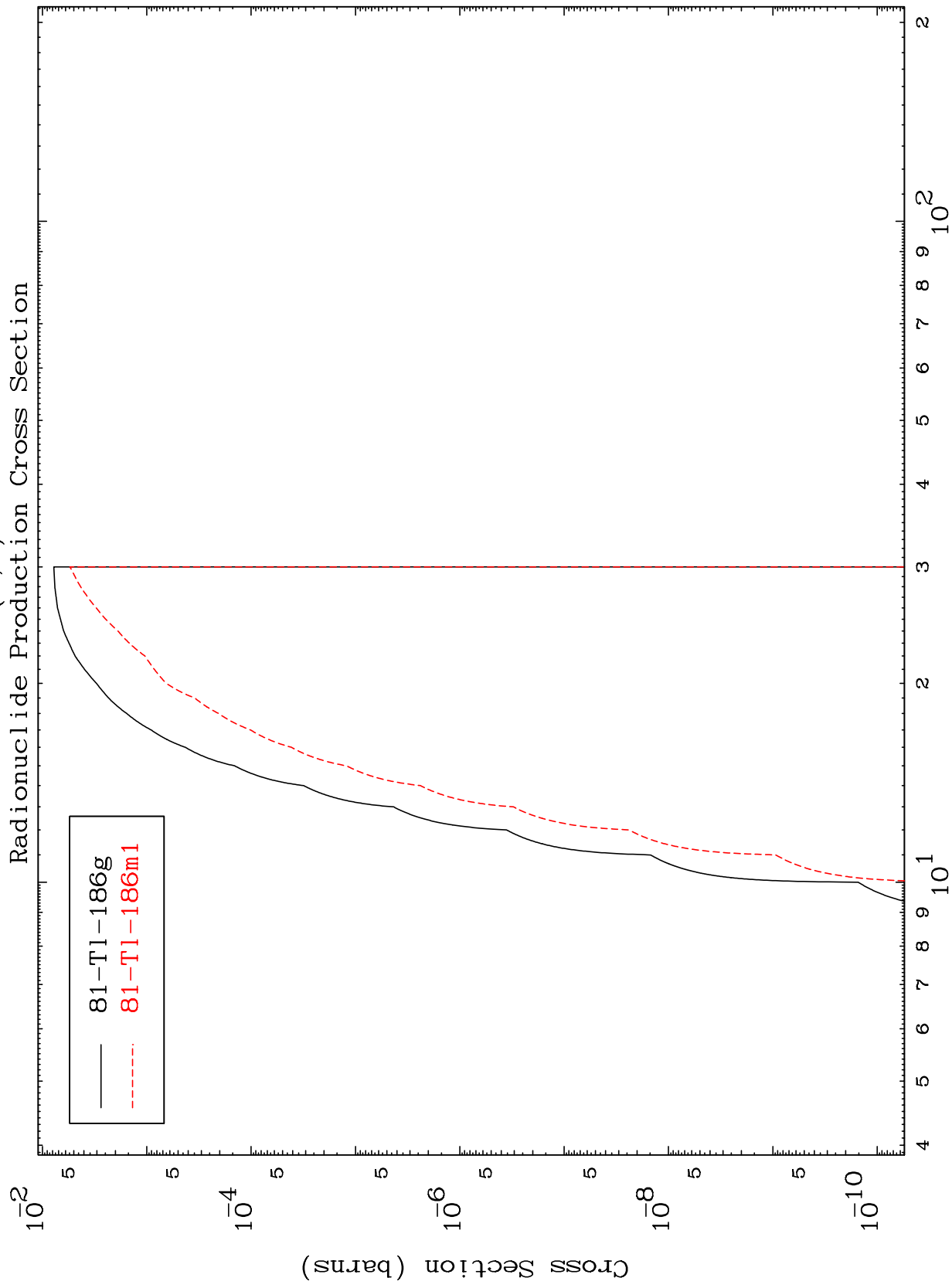


81-Tl-187g  
81-Tl-187m2

MAT 8078

(d, t)

81-Tl-187



25

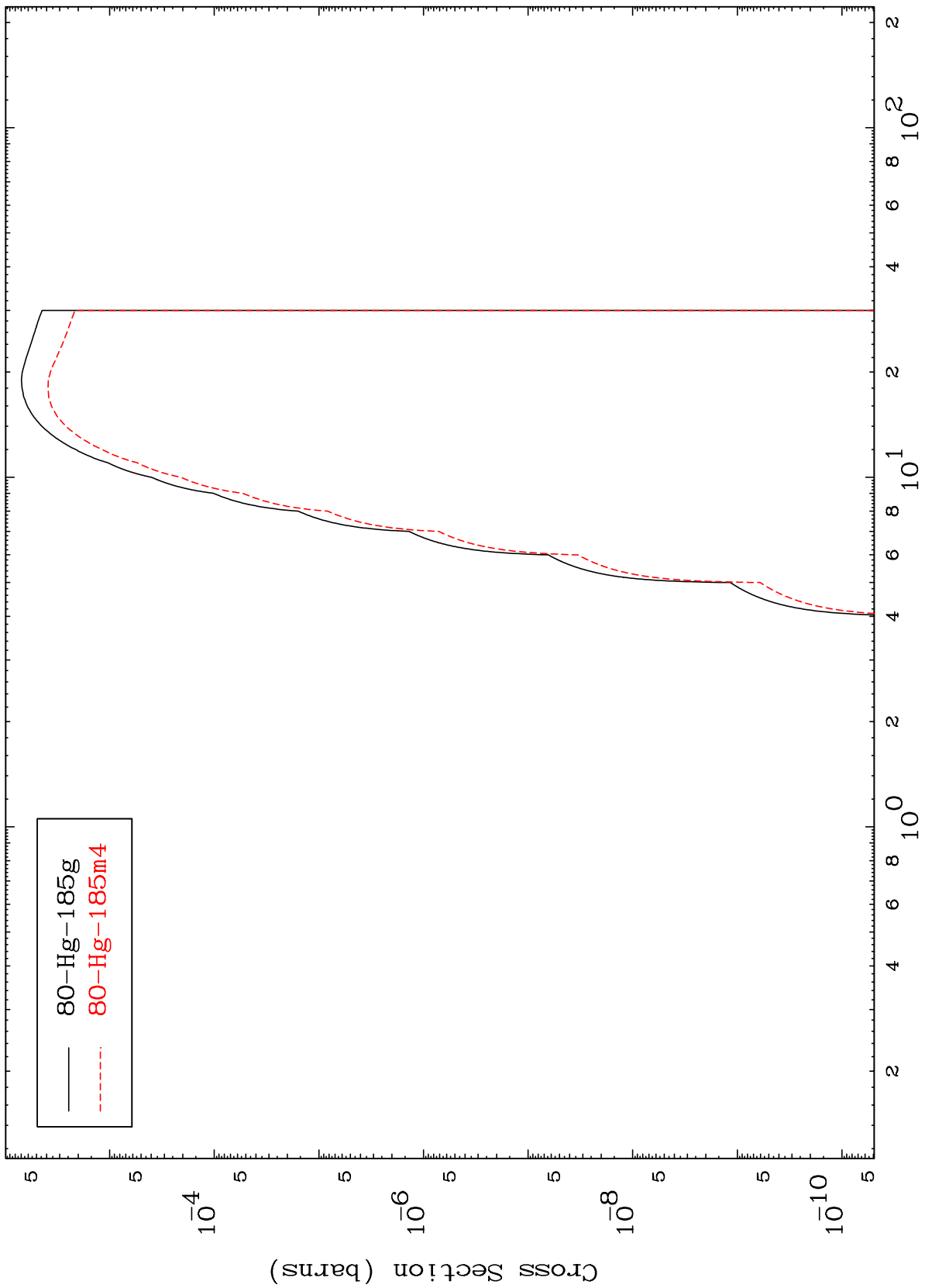
Incident Energy (MeV)

81-Tl-187

MAT 8078

81-Tl-187

(d,  $\alpha$ )  
Radionuclide Production Cross Section



81-Tl-187

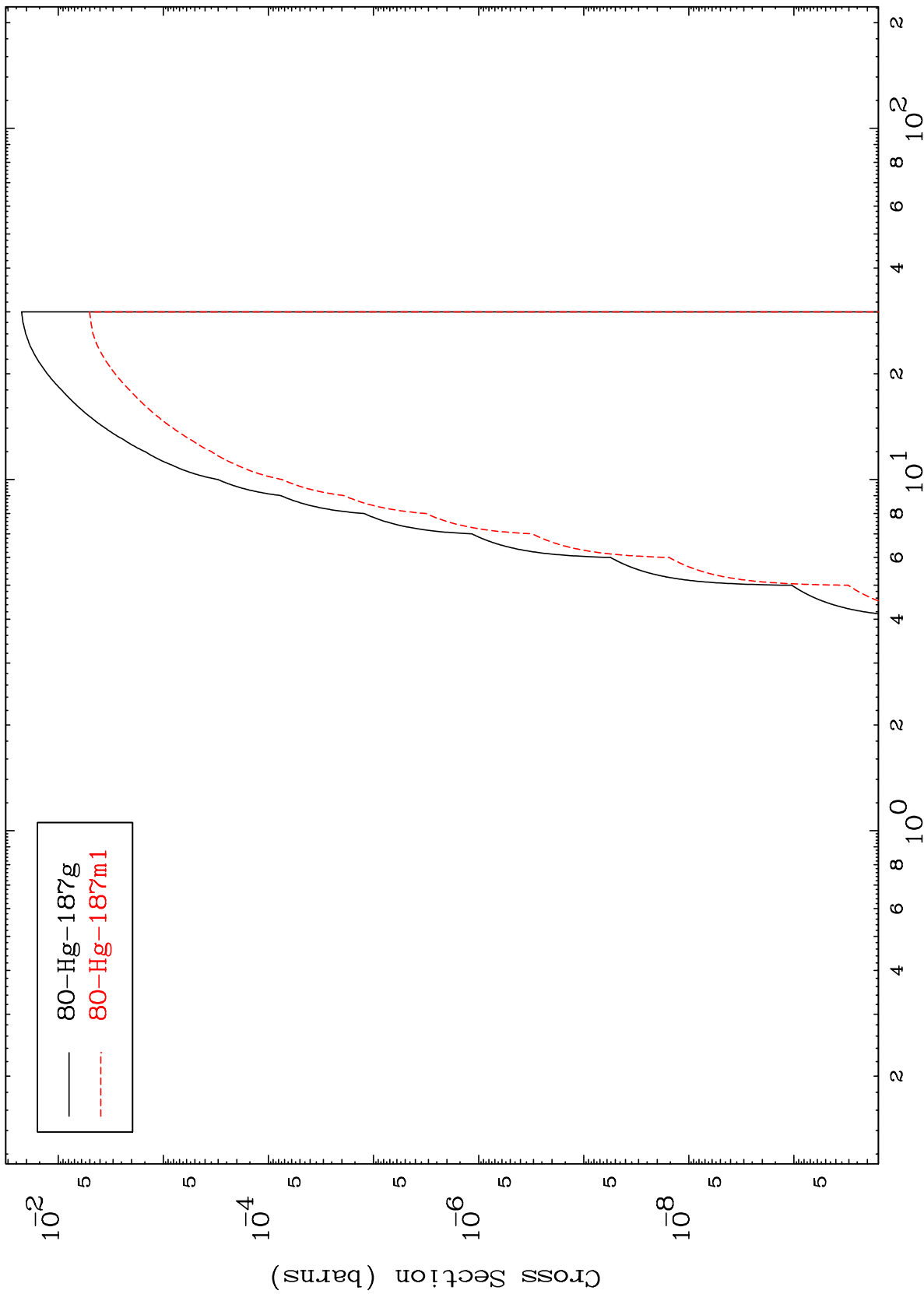
Incident Energy (MeV)

26

MAT 8078

81-Tl-187

(d,2p)  
Radionuclide Production Cross Section



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

81-Tl-187

Incident Energy (MeV)

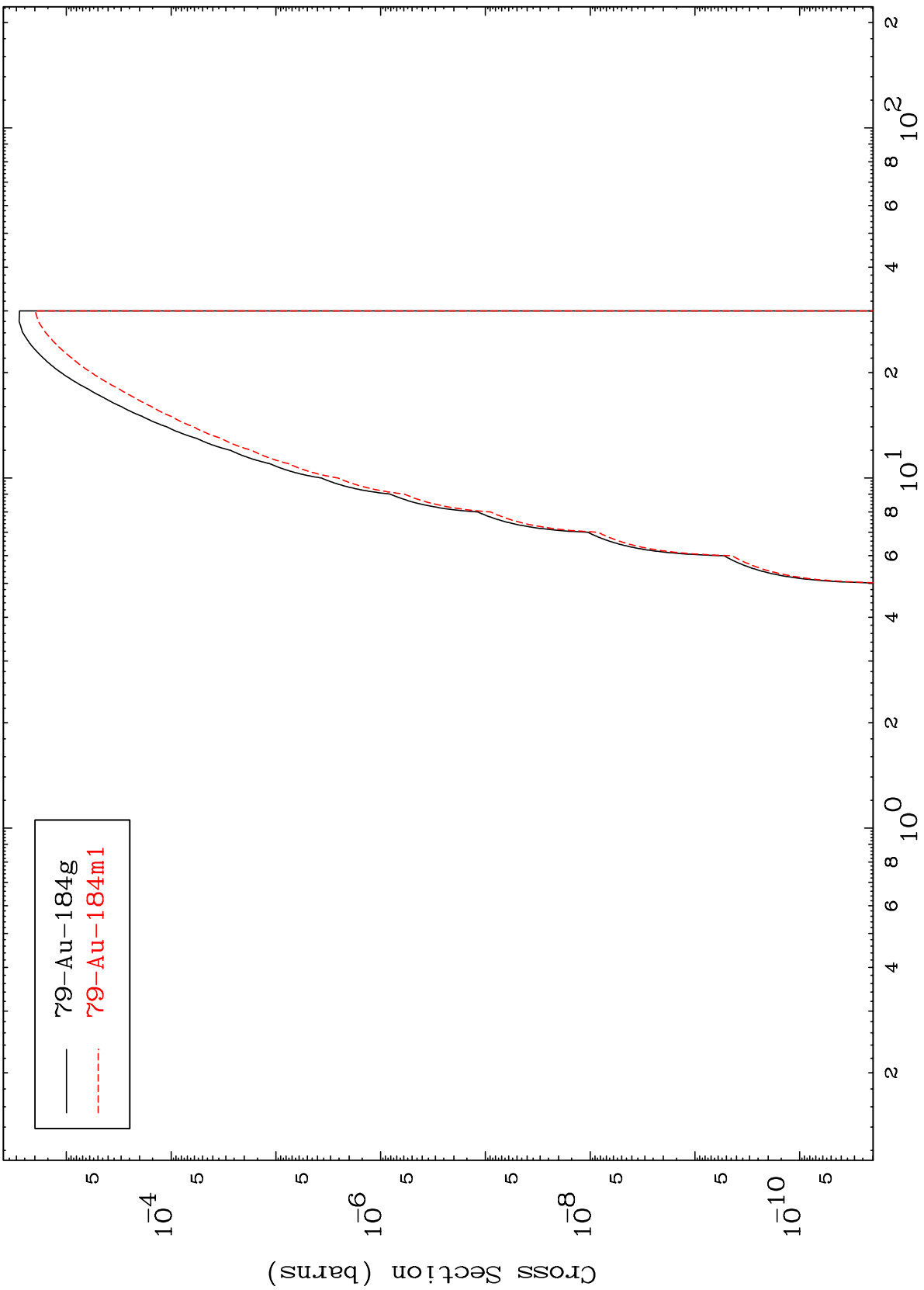
27

MAT 8078

(d,p)  $\alpha$

81-Tl-187

Radionuclide Production Cross Section



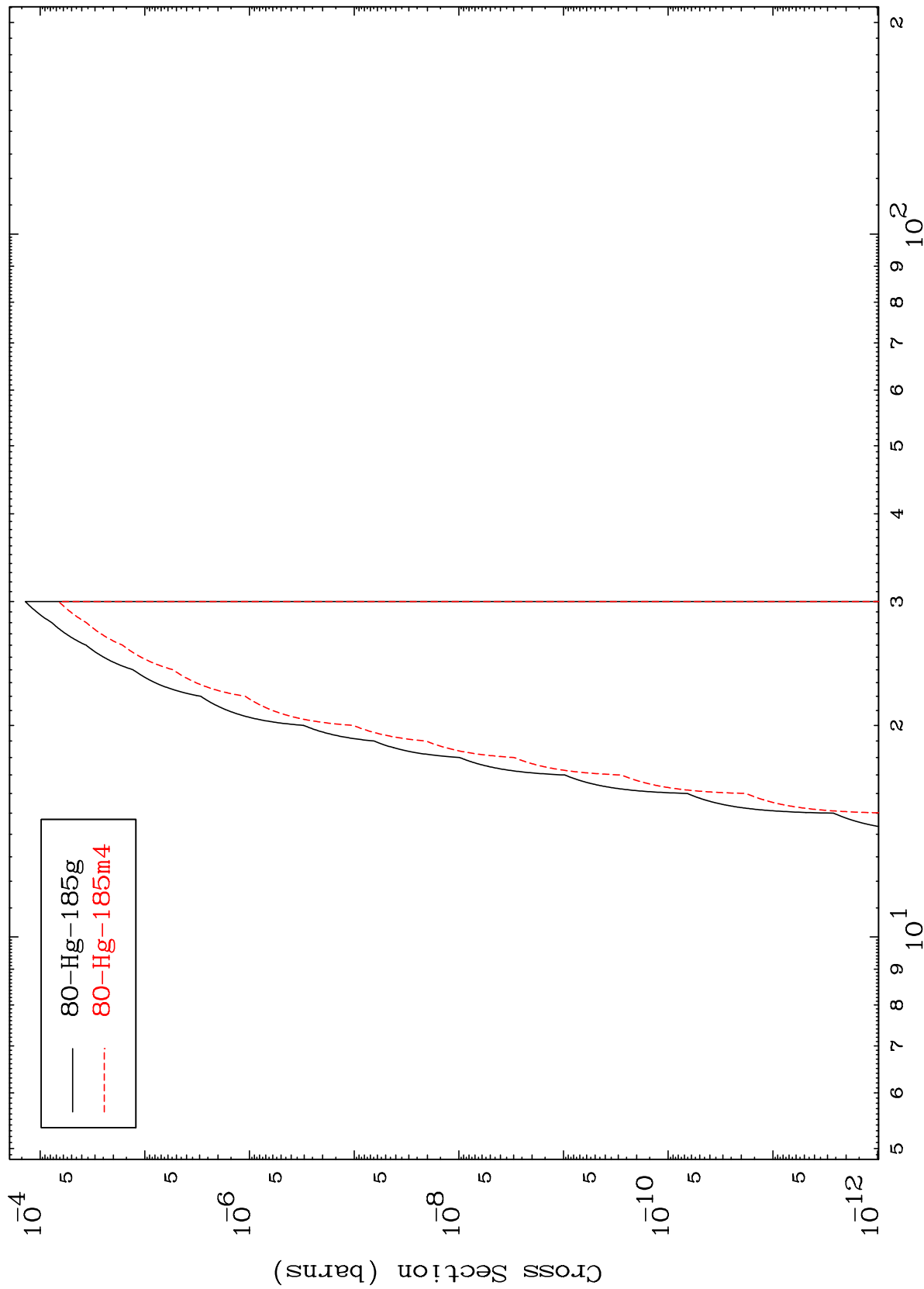
— 79-Au-184g  
- - - 79-Au-184m1

MAT 8078

(d,p) t

81-Tl-187

Radionuclide Production Cross Section



Legend:  
— 80-Hg-185g  
- - - 80-Hg-185m4

29

Incident Energy (MeV)

81-Tl-187