

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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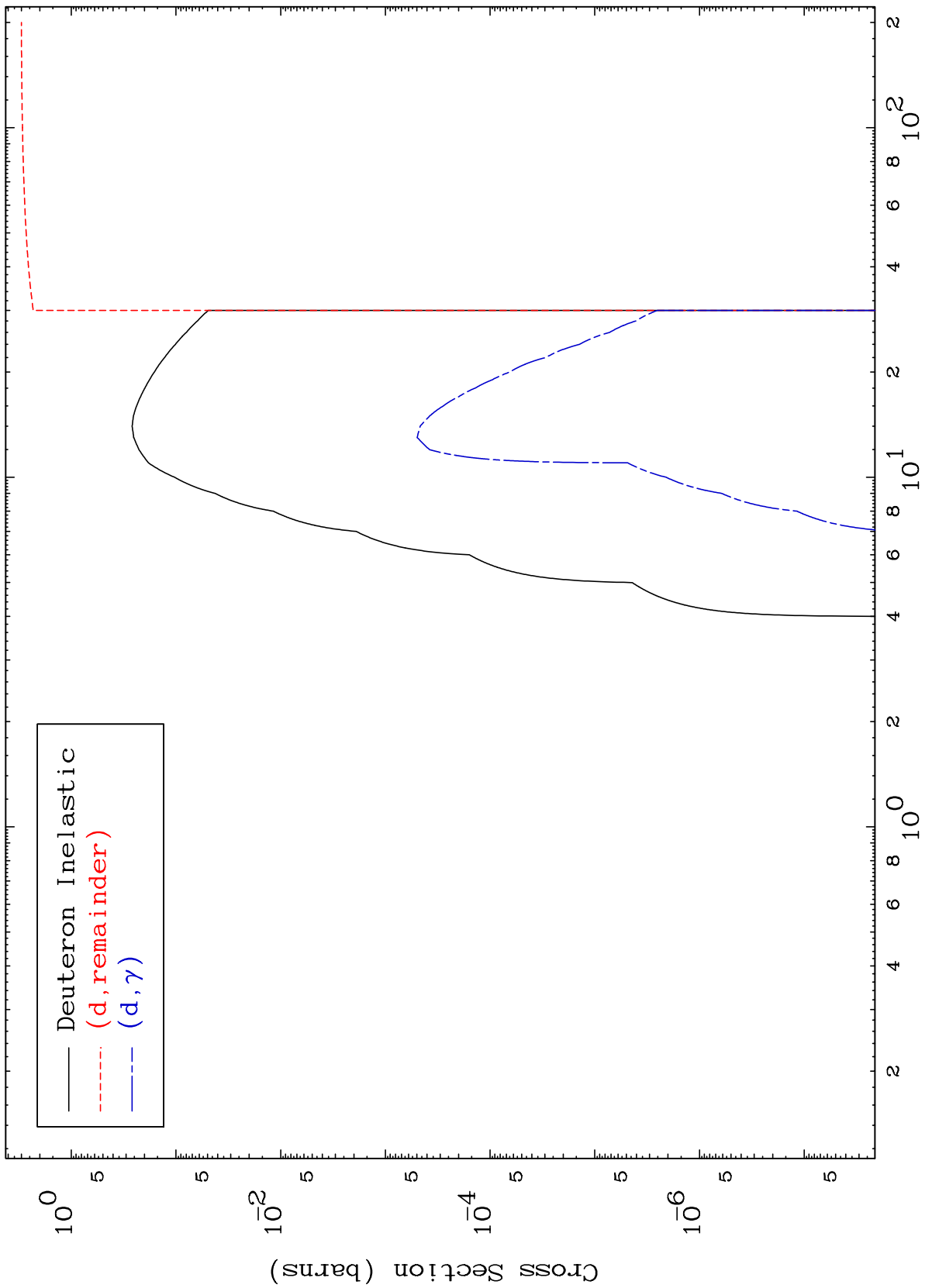
Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

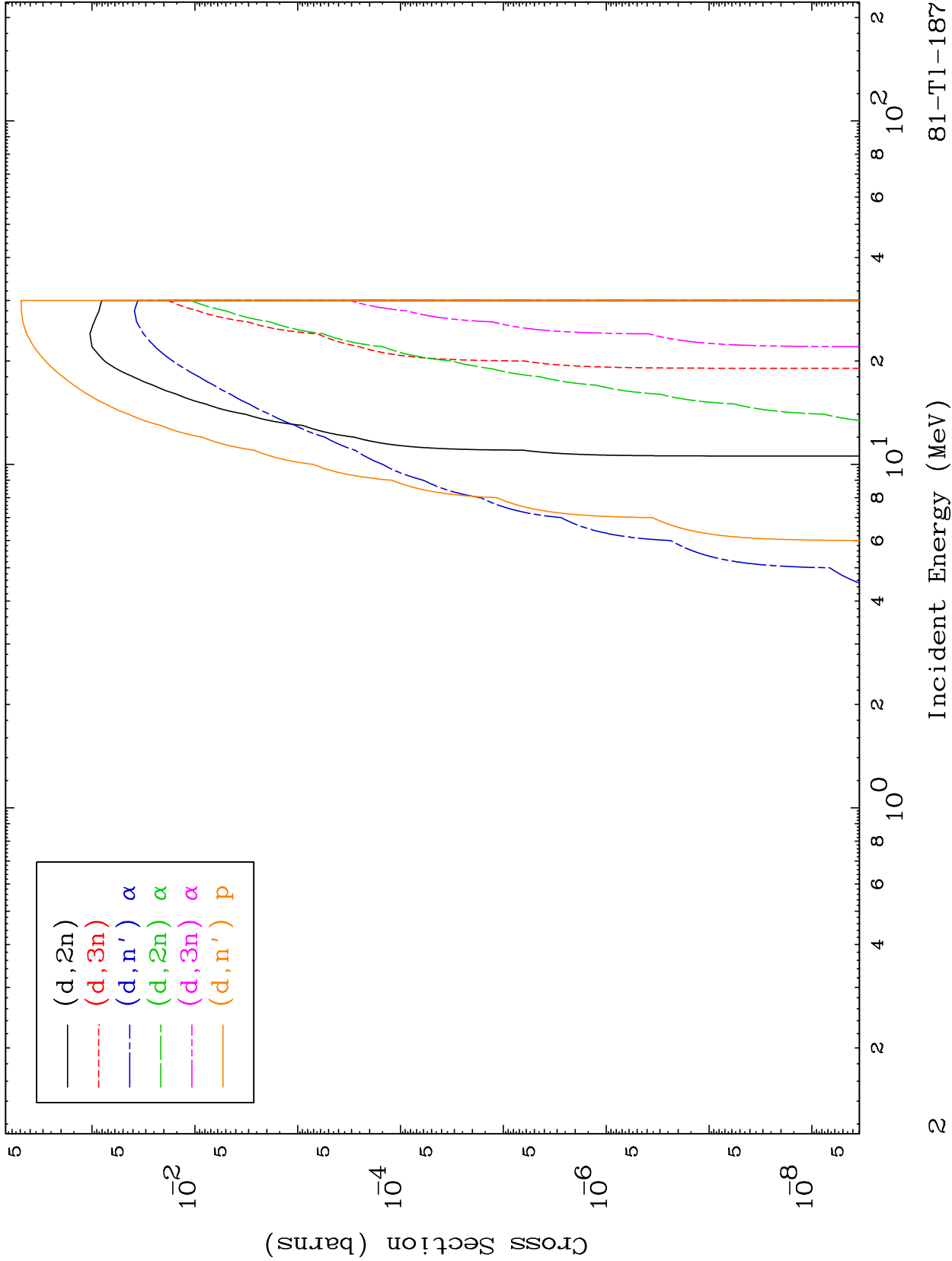
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

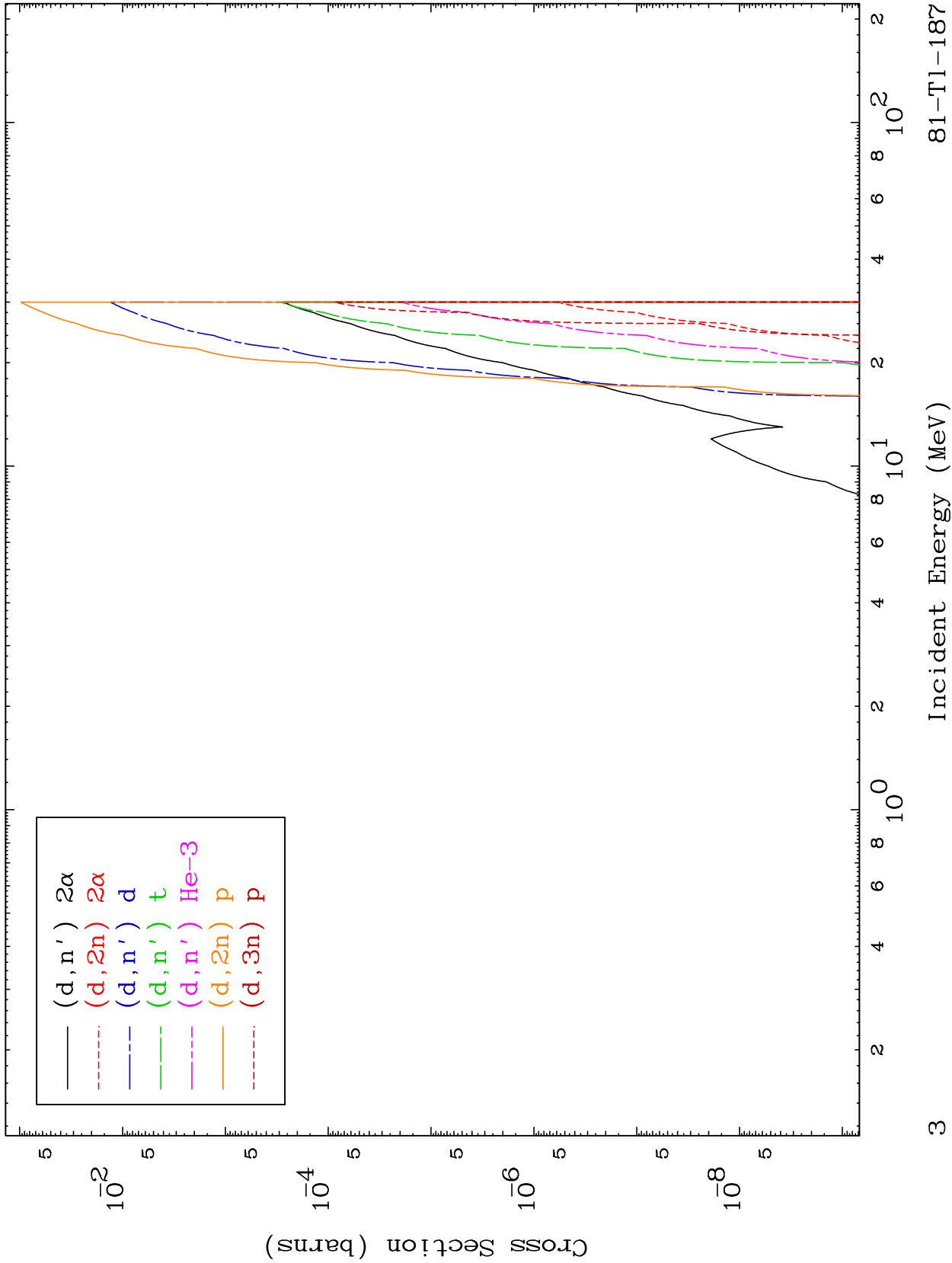
Press Mouse Button to Start

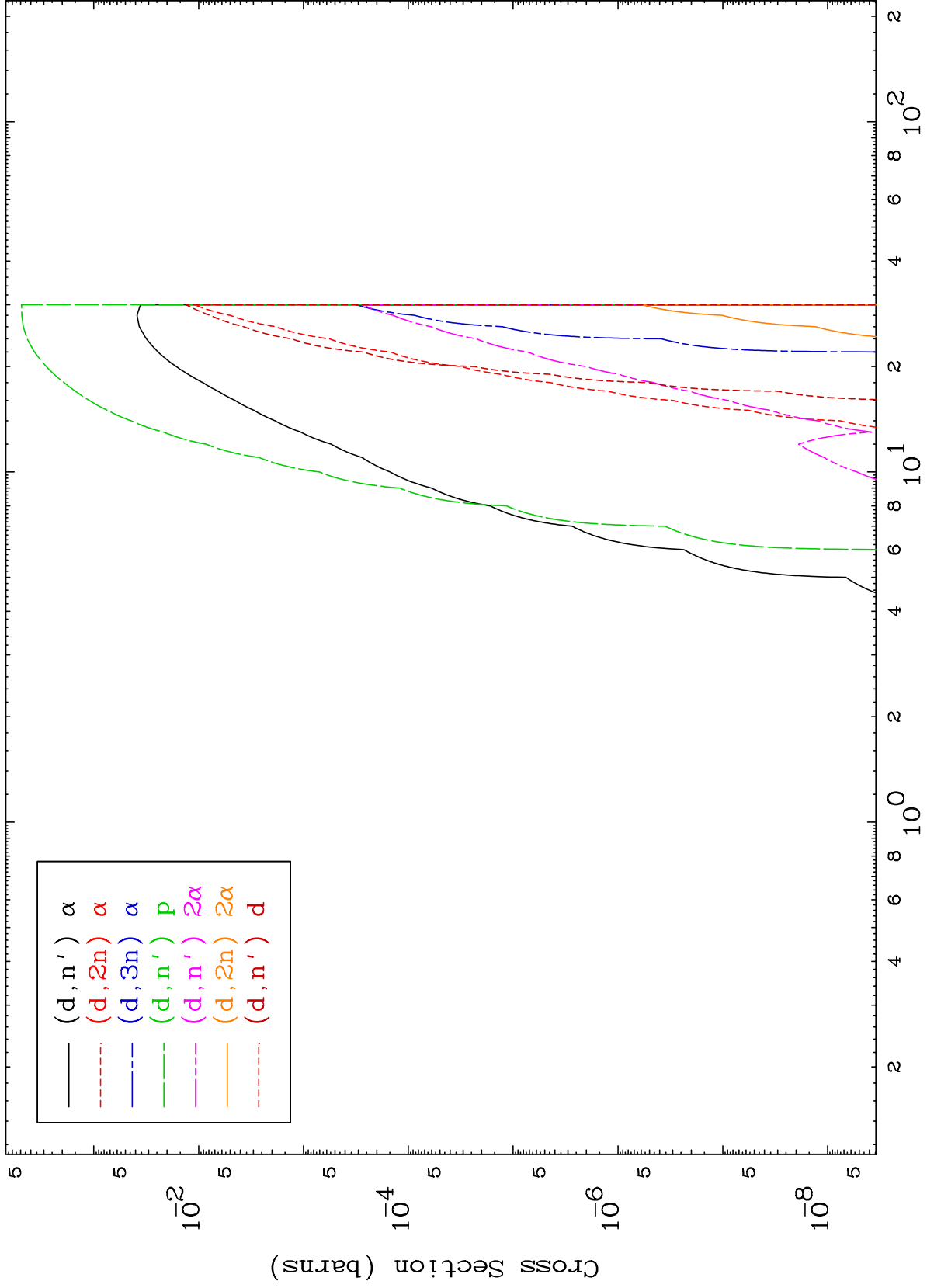
0 Kelvin Cross Sections

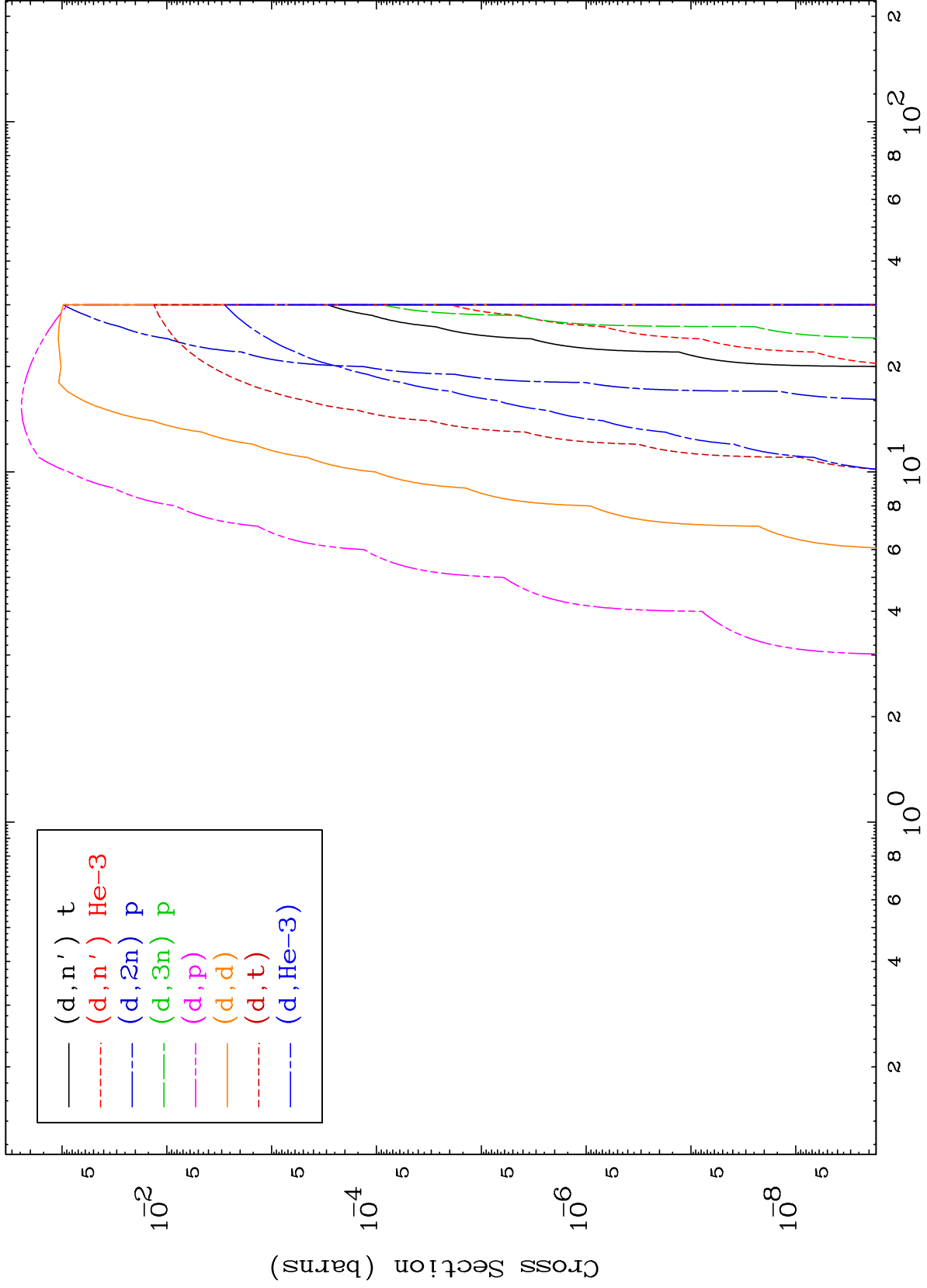


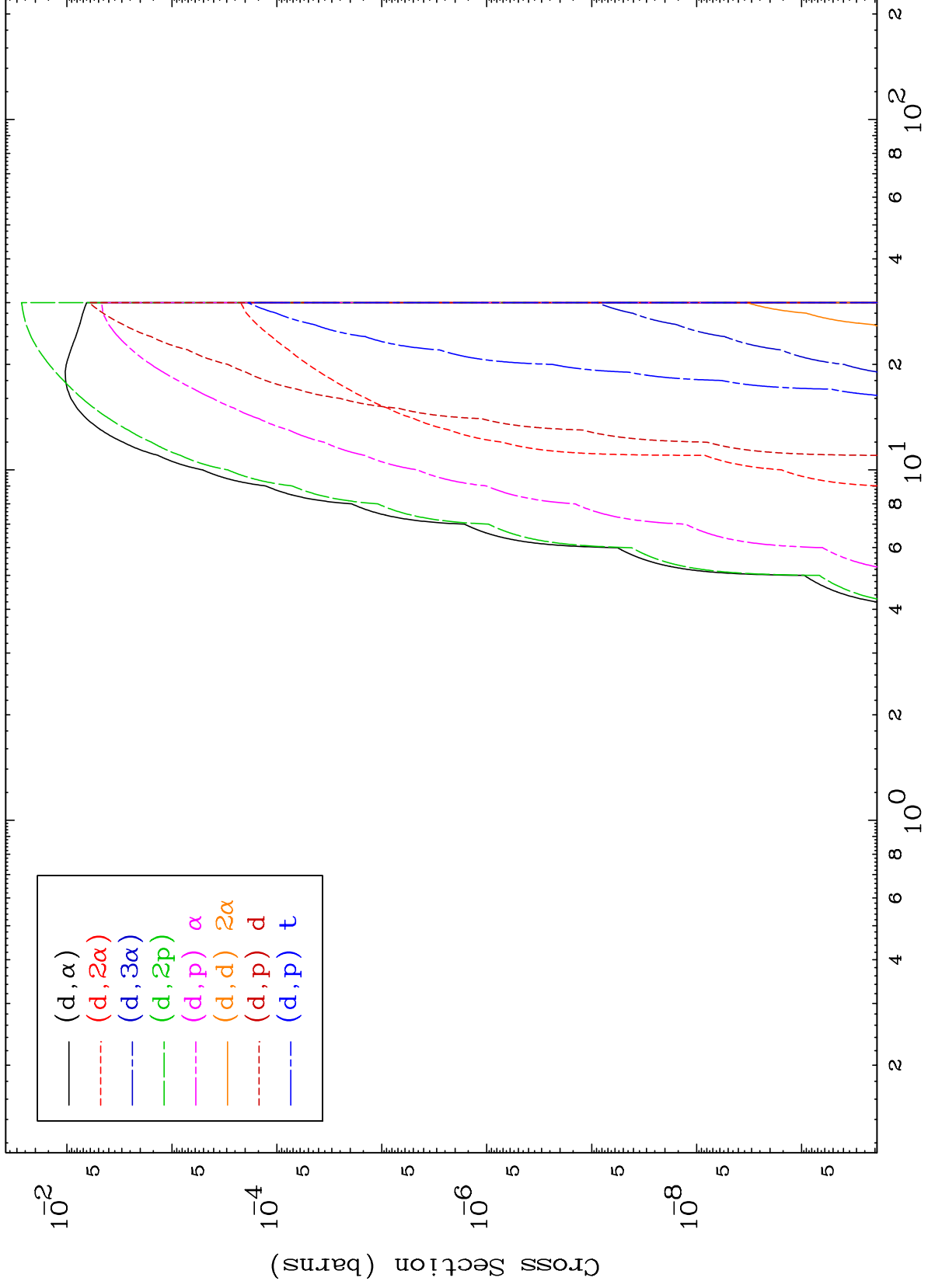
— Deuteron Inelastic  
- - - (d, remainder)  
- - - (d, γ)









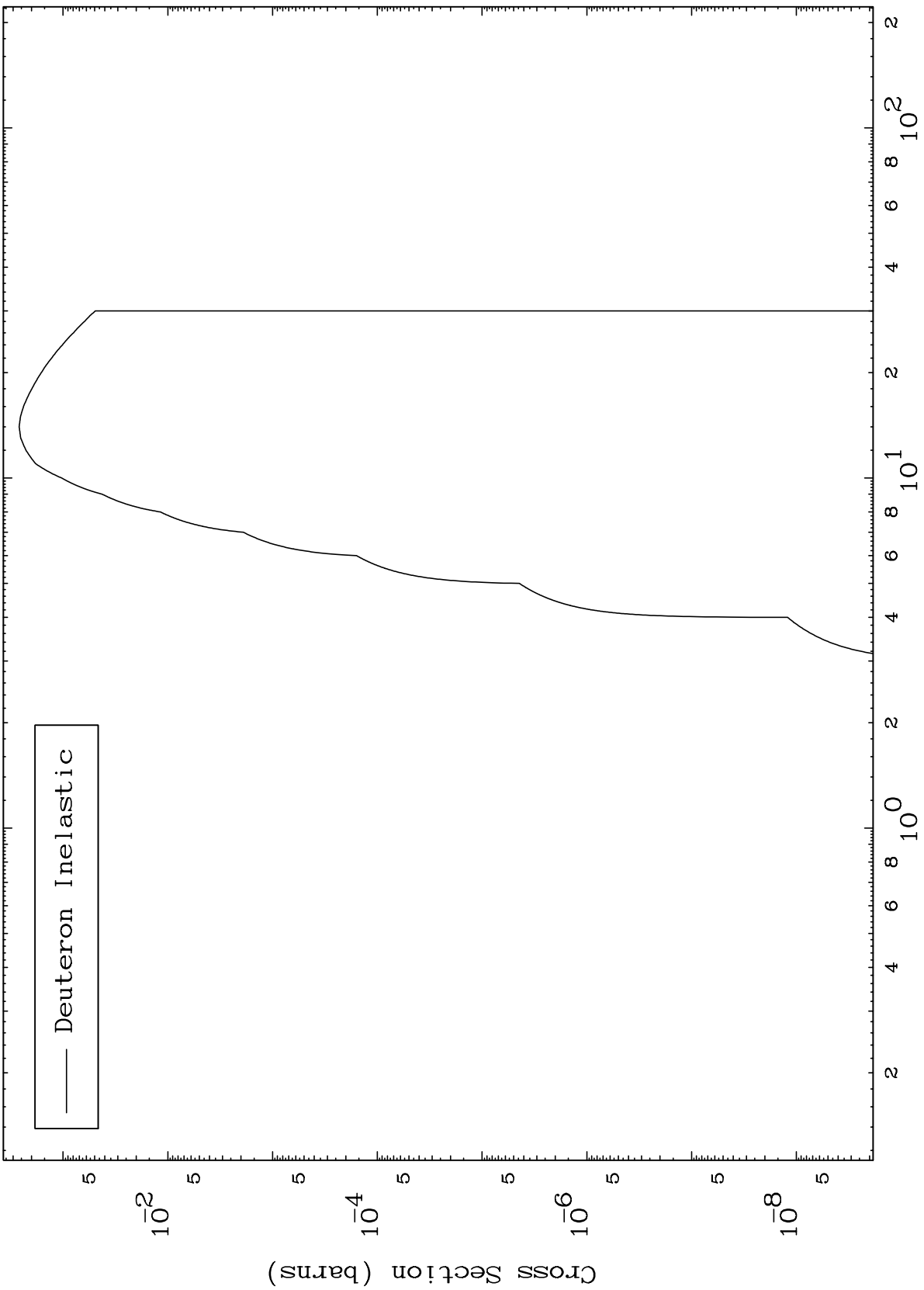


MAT 8077

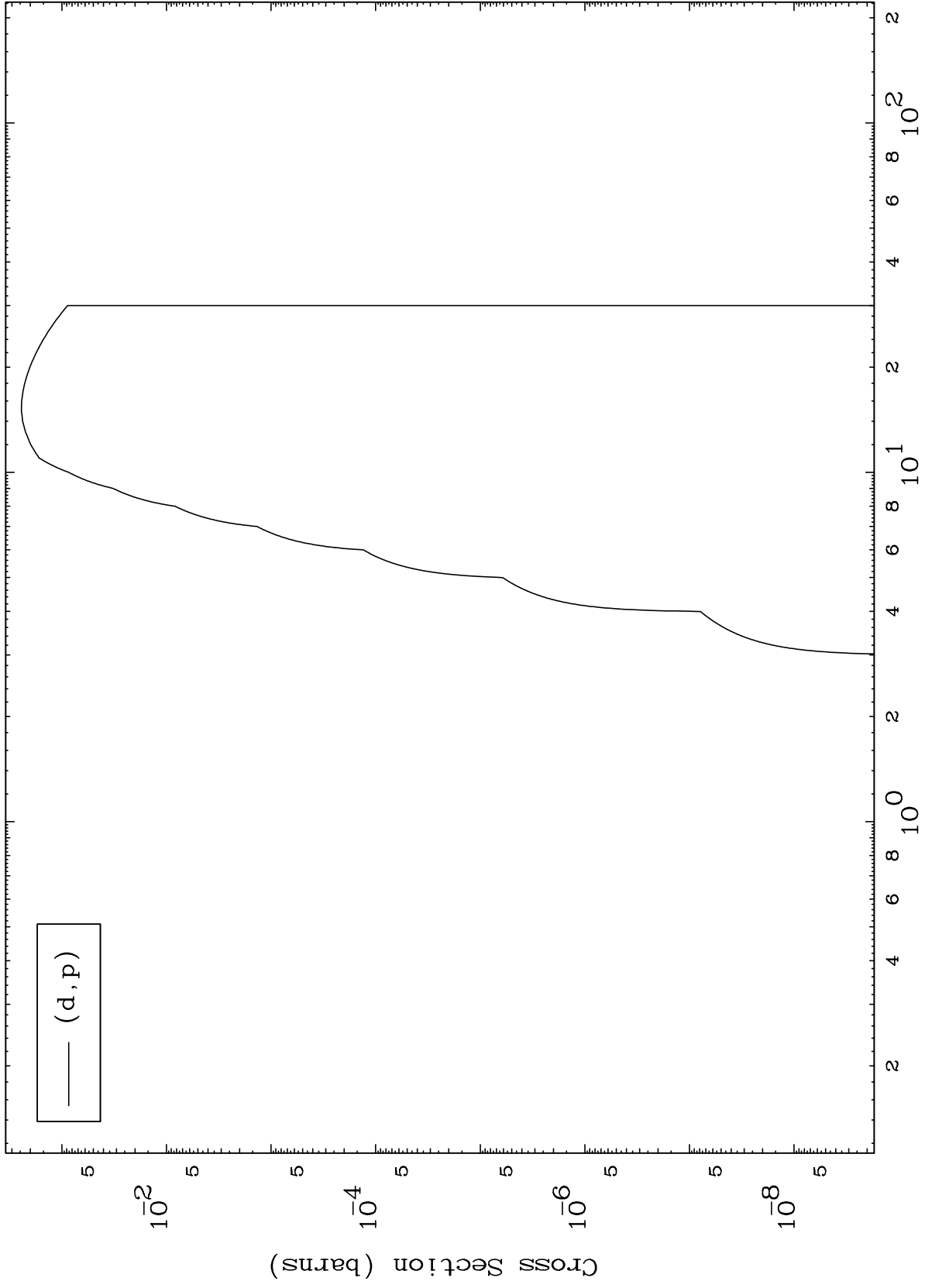
(d,n') Level

81-Tl-187

0 Kelvin Cross Sections



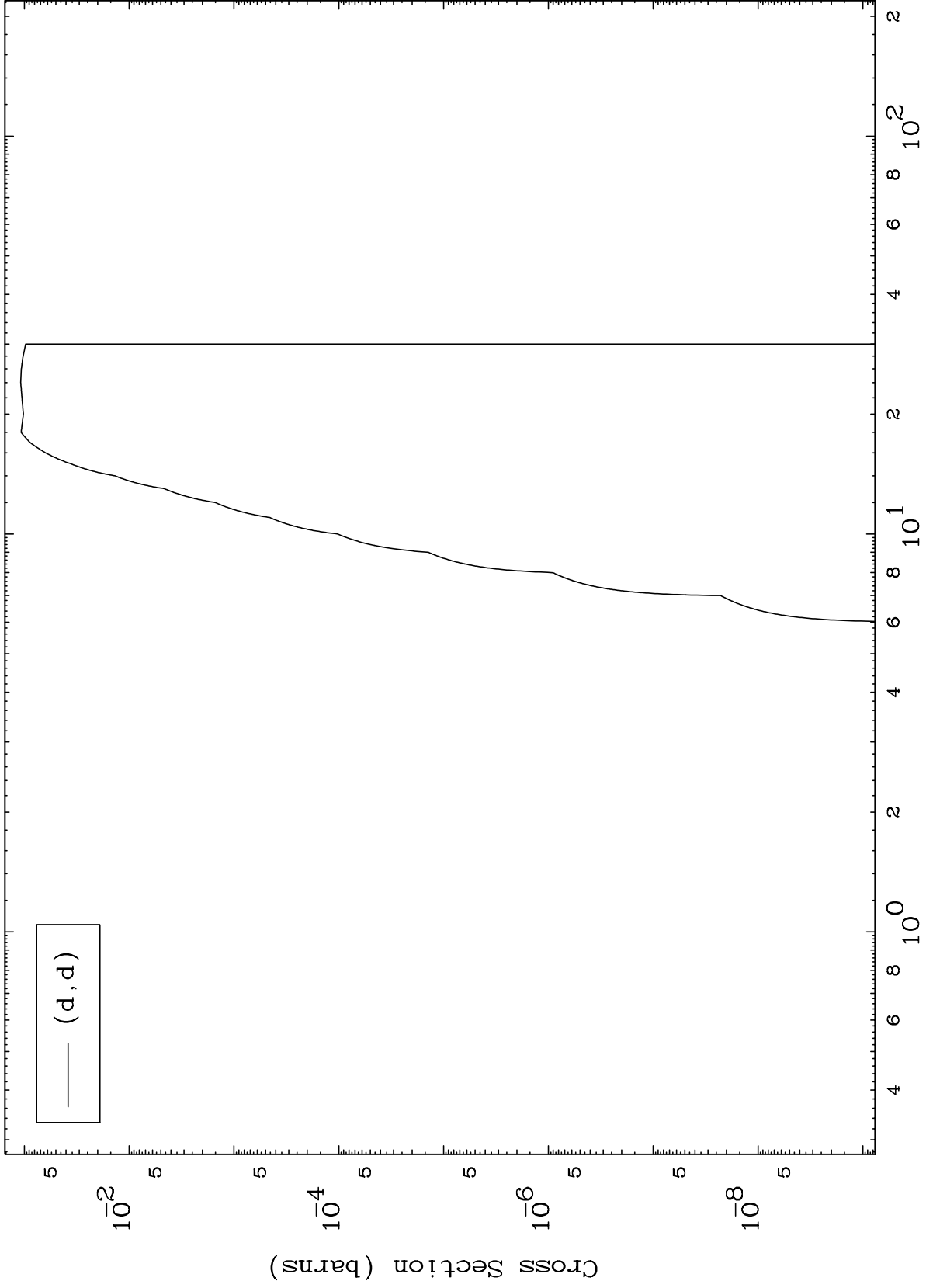




MAT 8077

(d,d) Levels  
0 Kelvin Cross Sections

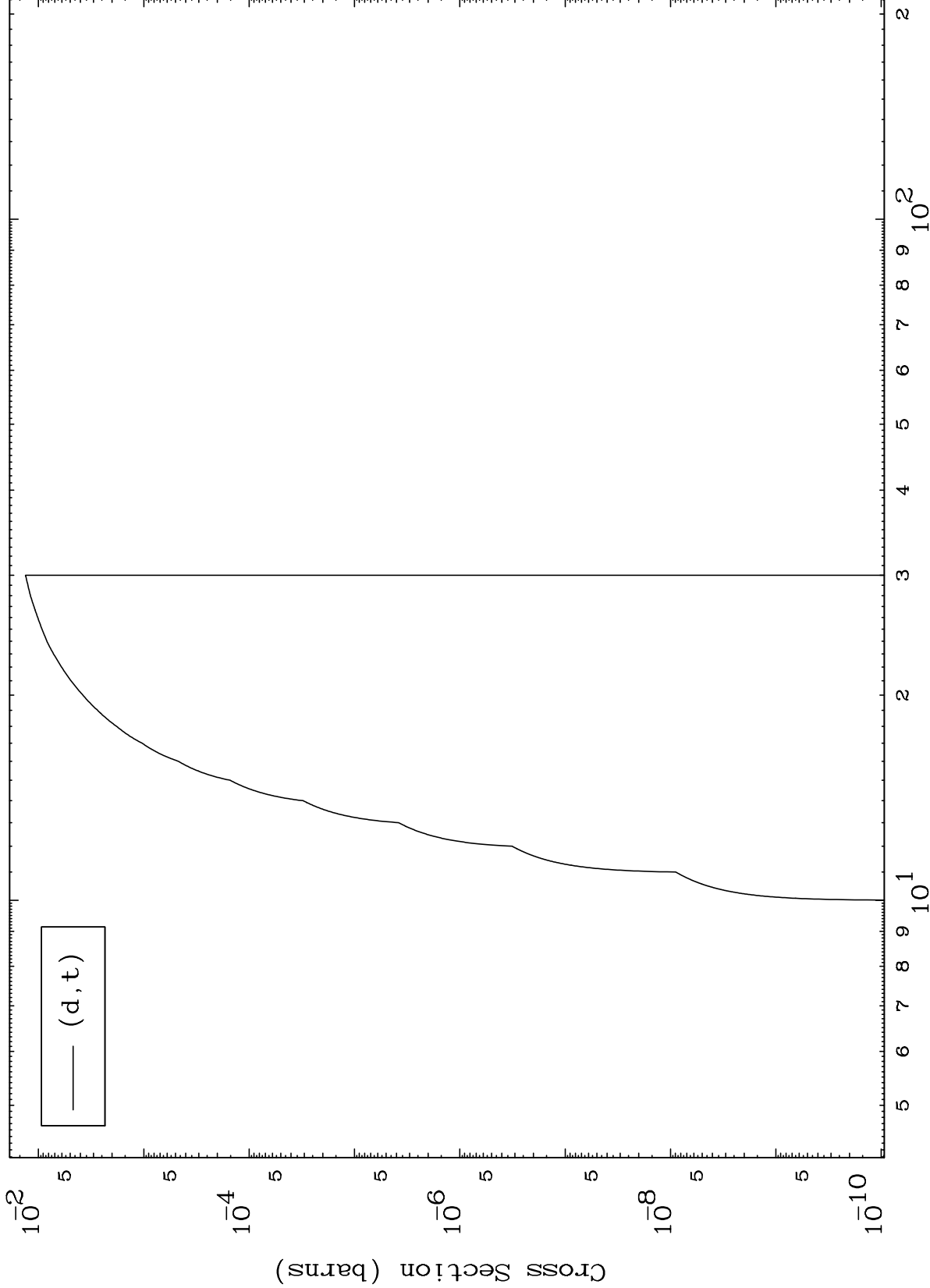
81-Tl-187



MAT 80777

(d,t) Levels  
0 Kelvin Cross Sections

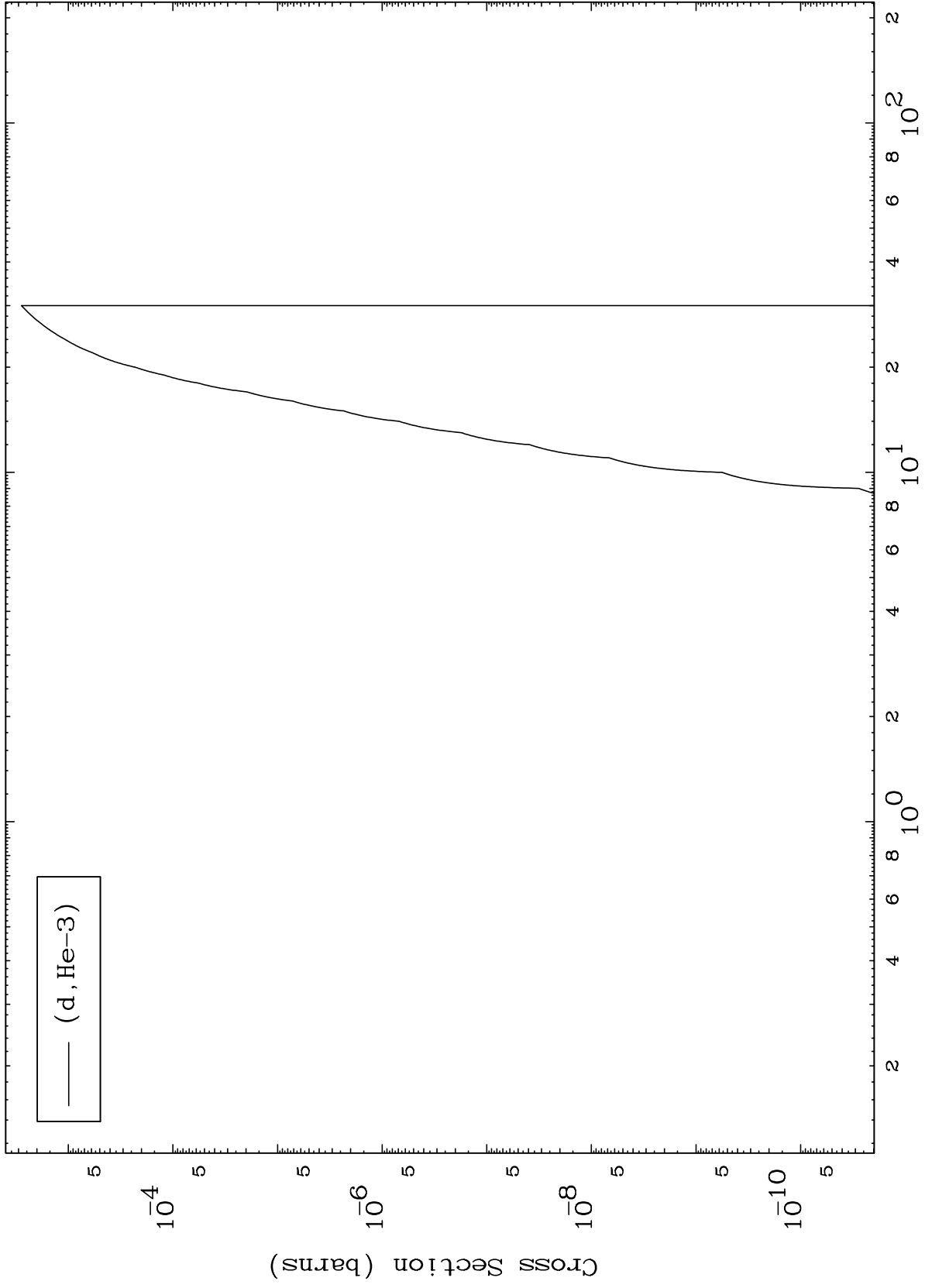
81-Tl-187



10

Incident Energy (MeV)

81-Tl-187

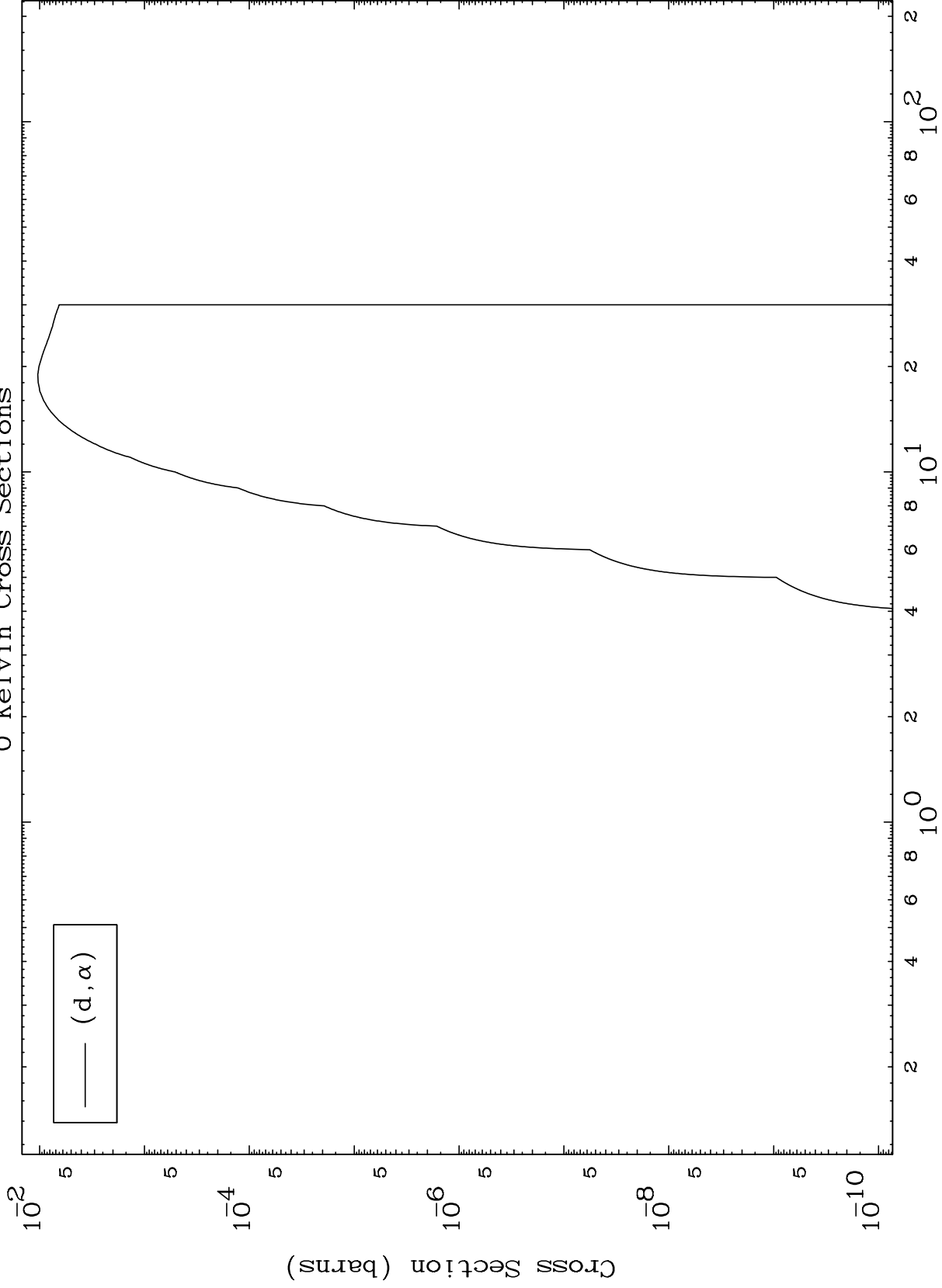


MAT 80777

(d,  $\alpha$ ) Levels

81-Tl-187

0 Kelvin Cross Sections



12

Incident Energy (MeV)

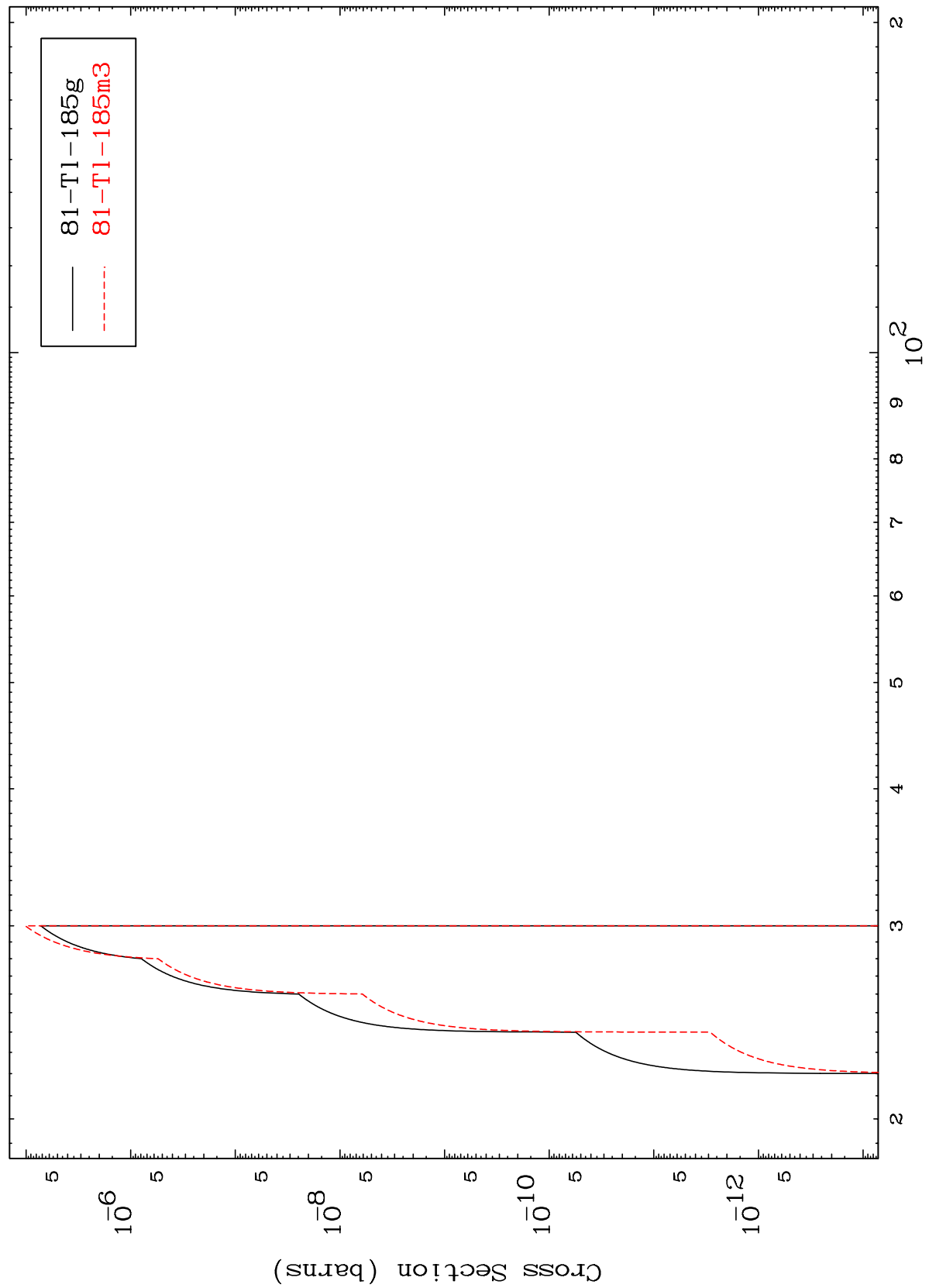
81-Tl-187

MAT 8077

(d,2n) d

81-Tl-187

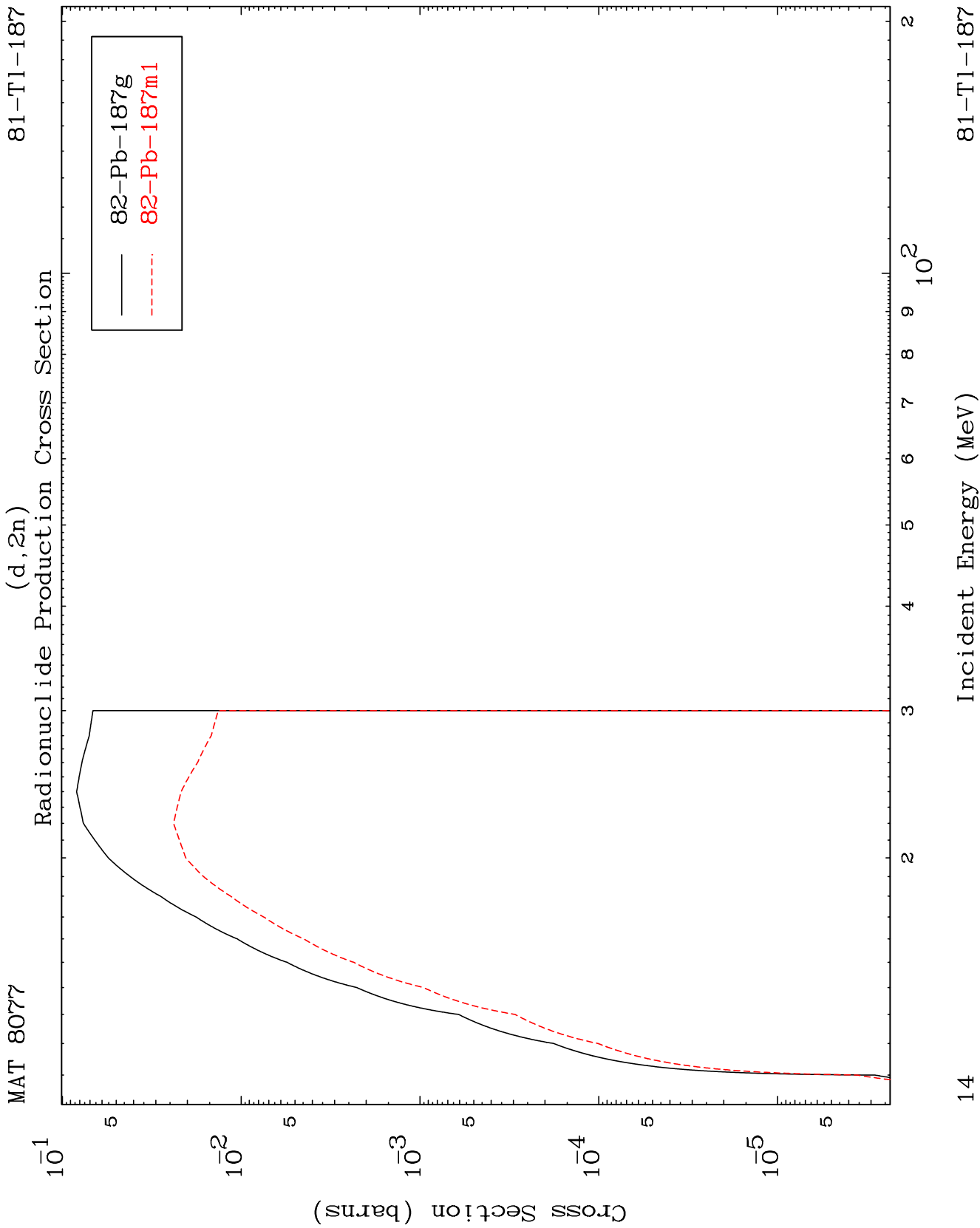
Radionuclide Production Cross Section



13

Incident Energy (MeV)

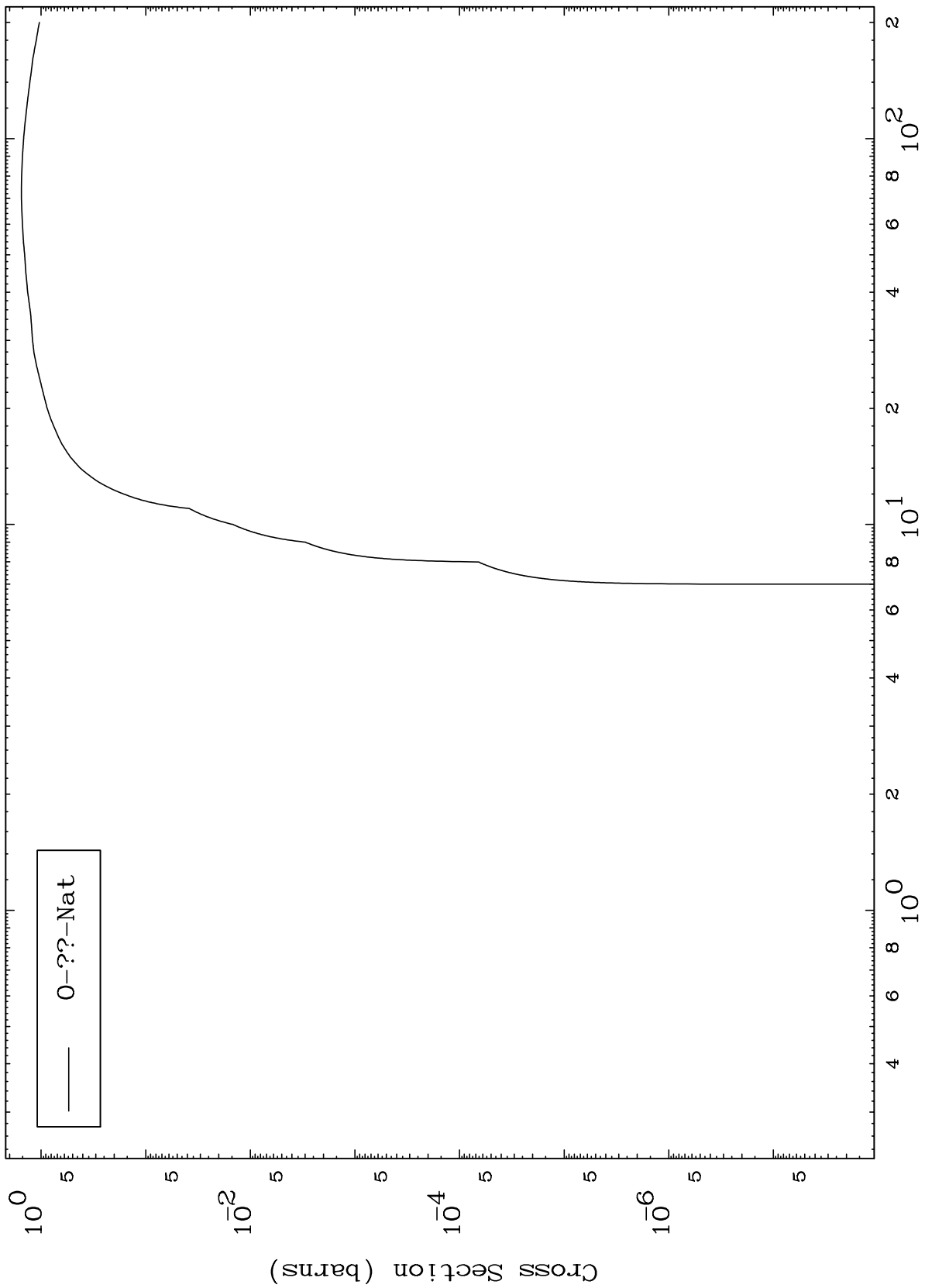
81-Tl-187



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81-Tl-187

Deuteron Fission  
Radionuclide Production Cross Section

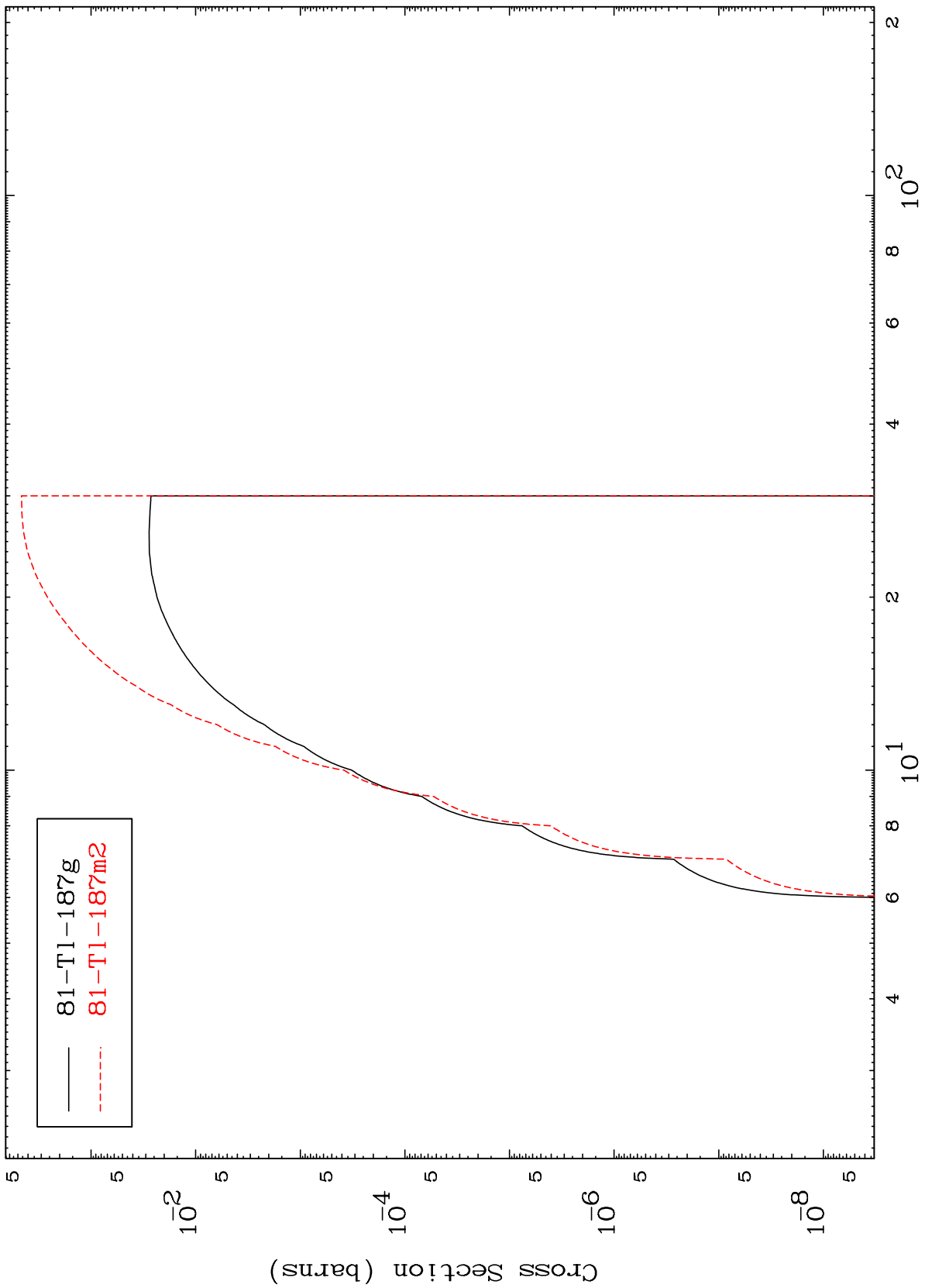


15

81-Tl-187



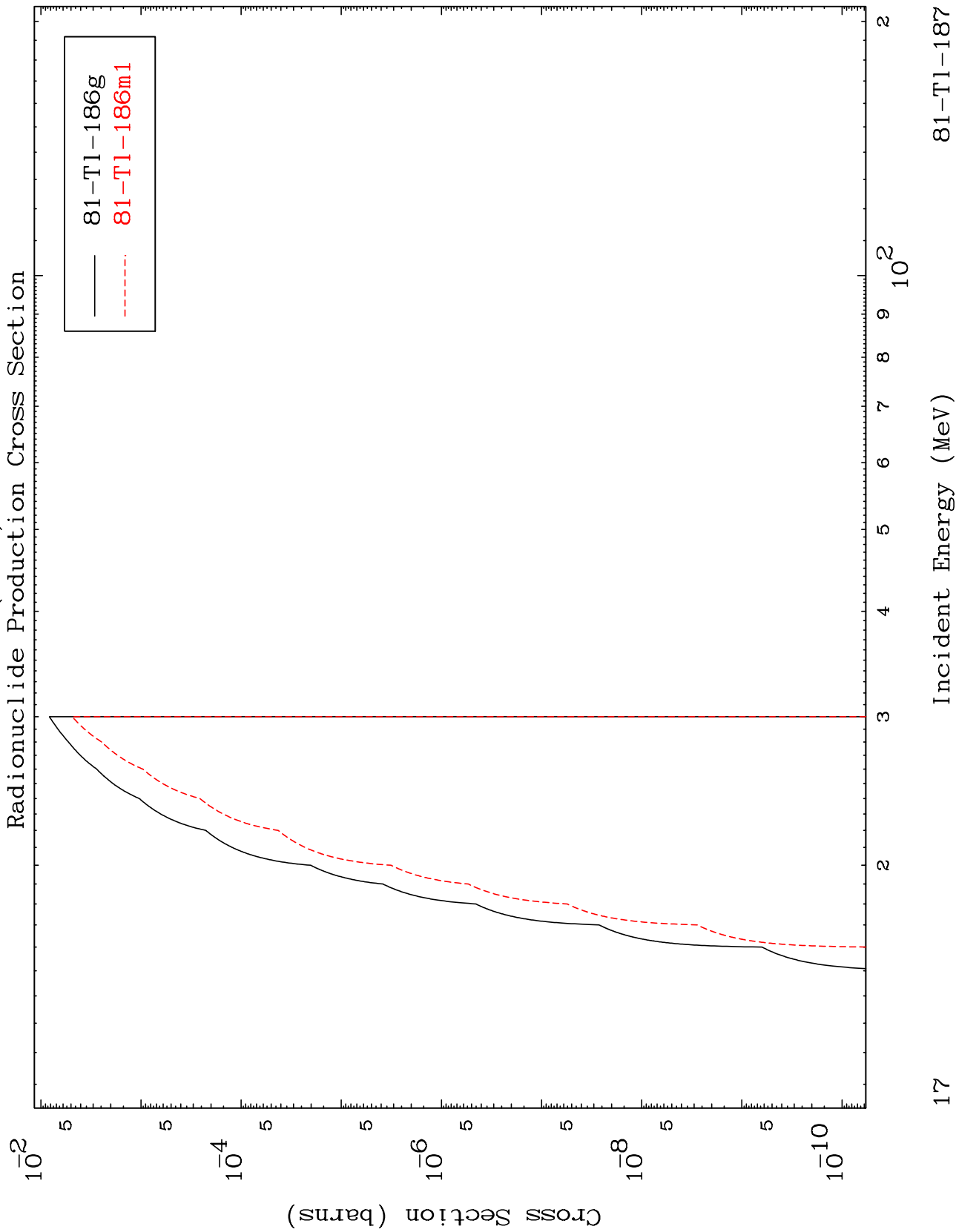
Radionuclide Production Cross Section



MAT 80777

(d,n') d

81-Tl-187



17

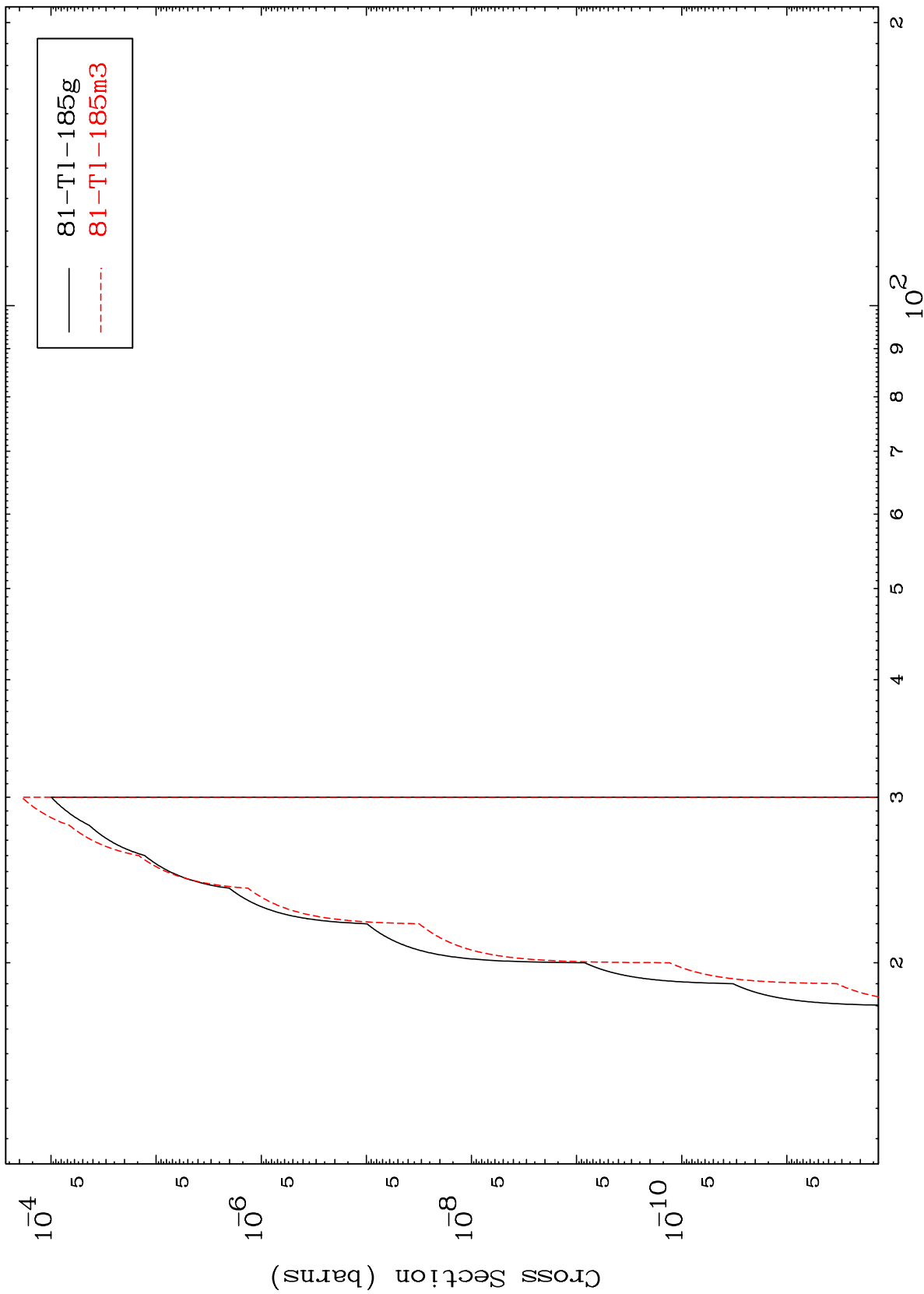
81-Tl-187

MAT 8077

(d,n') t

81-Tl-187

Radionuclide Production Cross Section



18

Incident Energy (MeV)

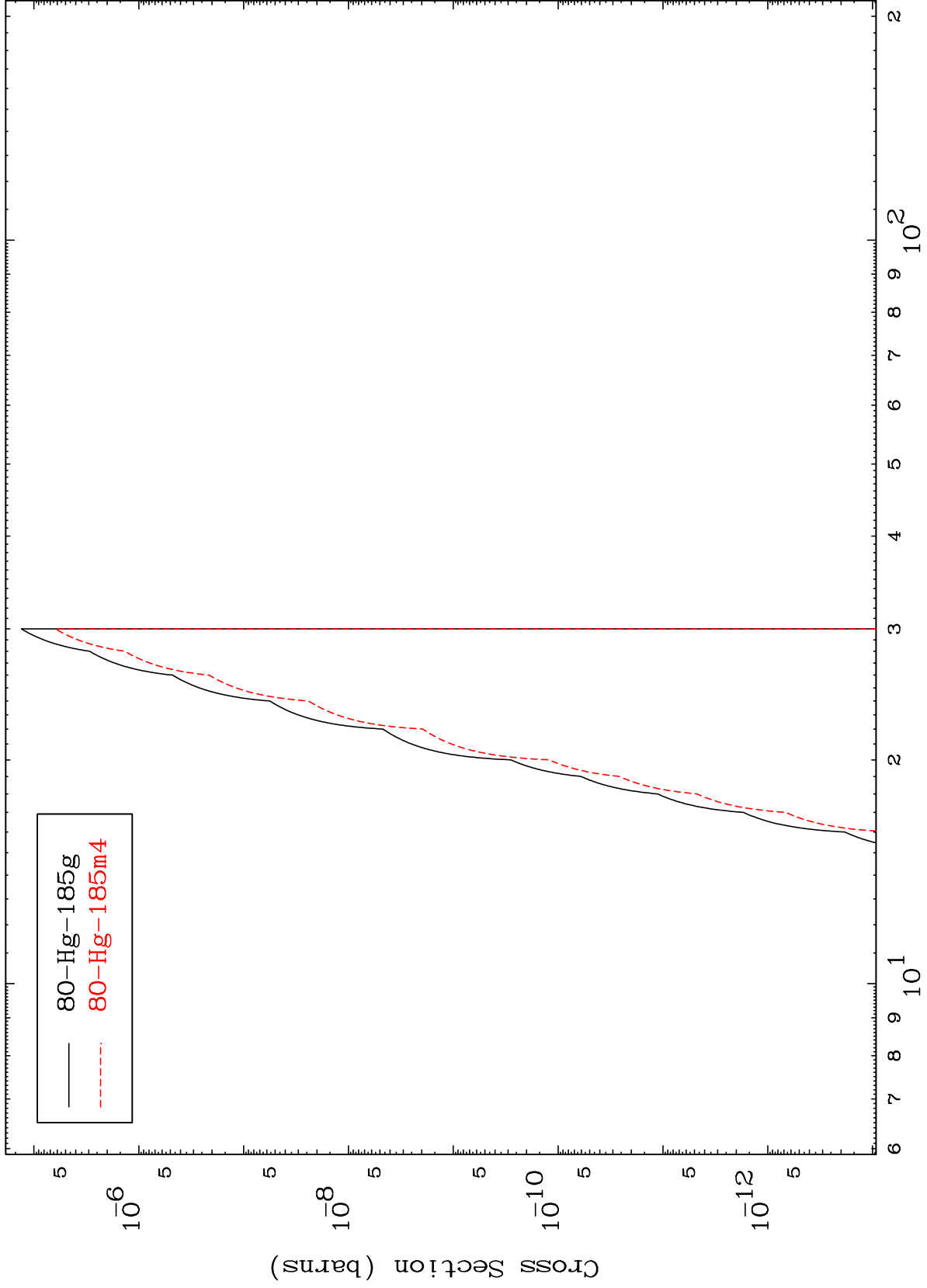
81-Tl-187

MAT 8077

(d,n') He-3

81-Tl-187

Radionuclide Production Cross Section



19

Incident Energy (MeV)

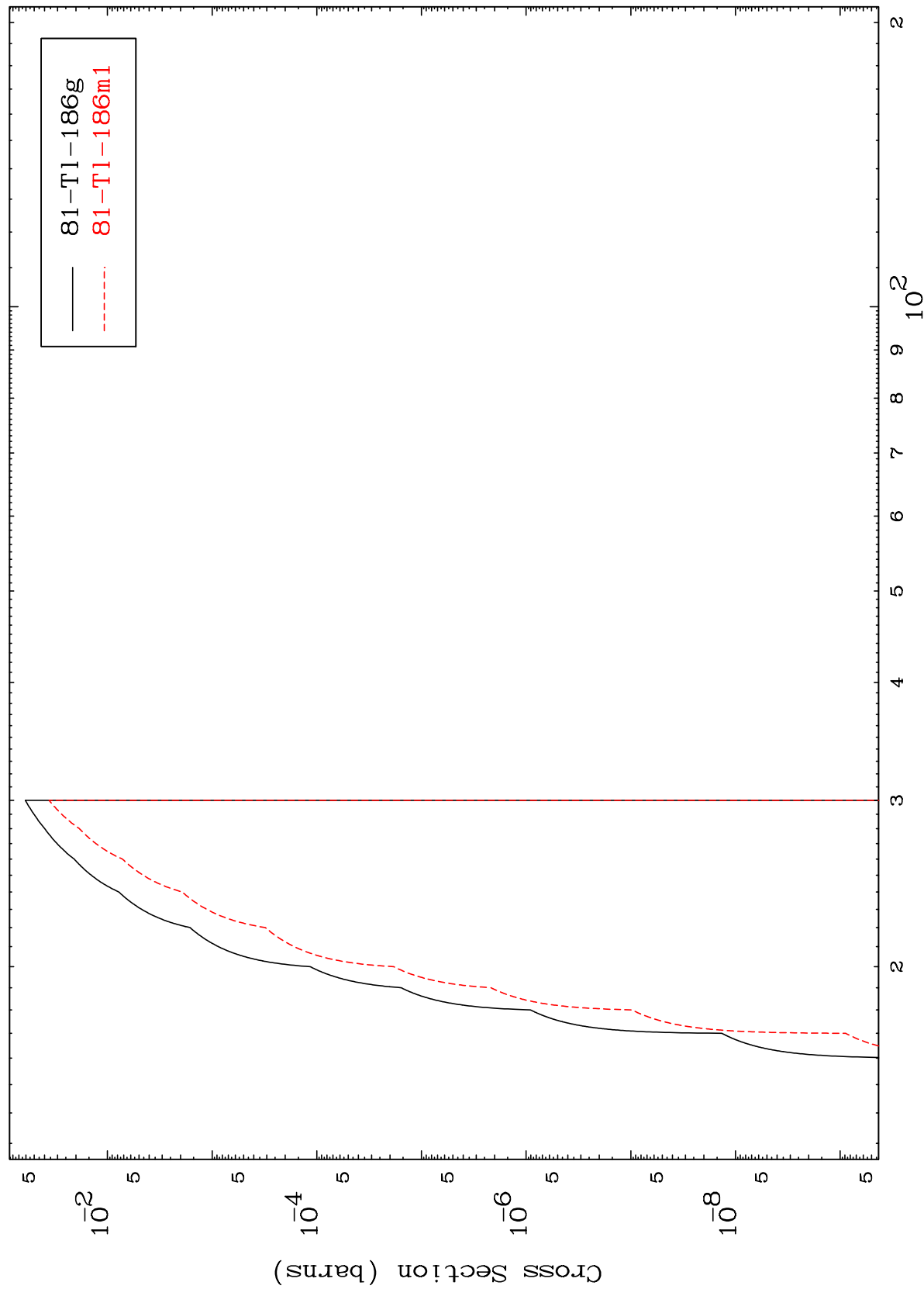
81-Tl-187

MAT 8077

(d,2n) p

81-Tl-187

Radionuclide Production Cross Section



20

Incident Energy (MeV)

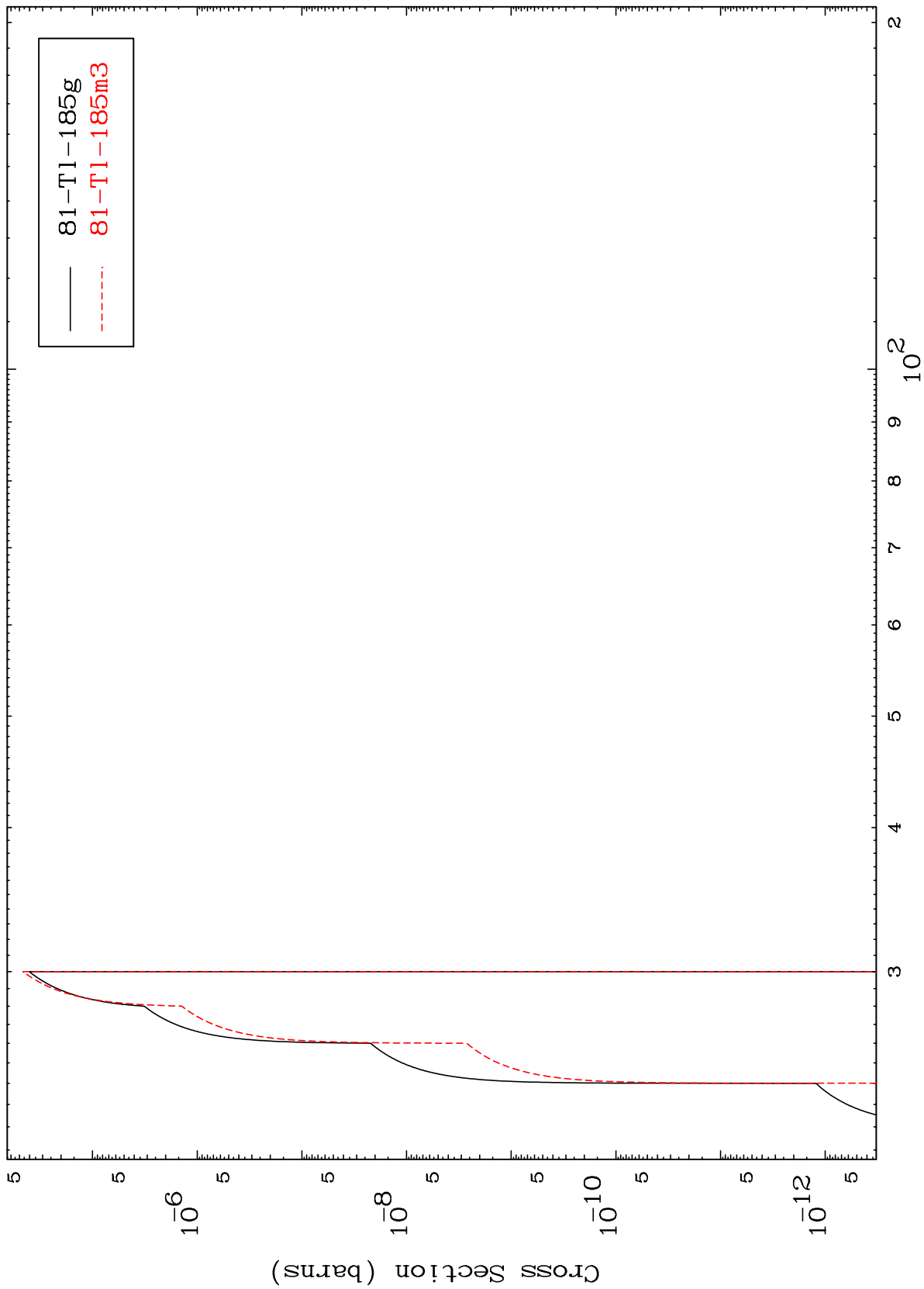
81-Tl-187

MAT 80777

(d,3n) p

81-Tl-187

Radionuclide Production Cross Section



21

Incident Energy (MeV)

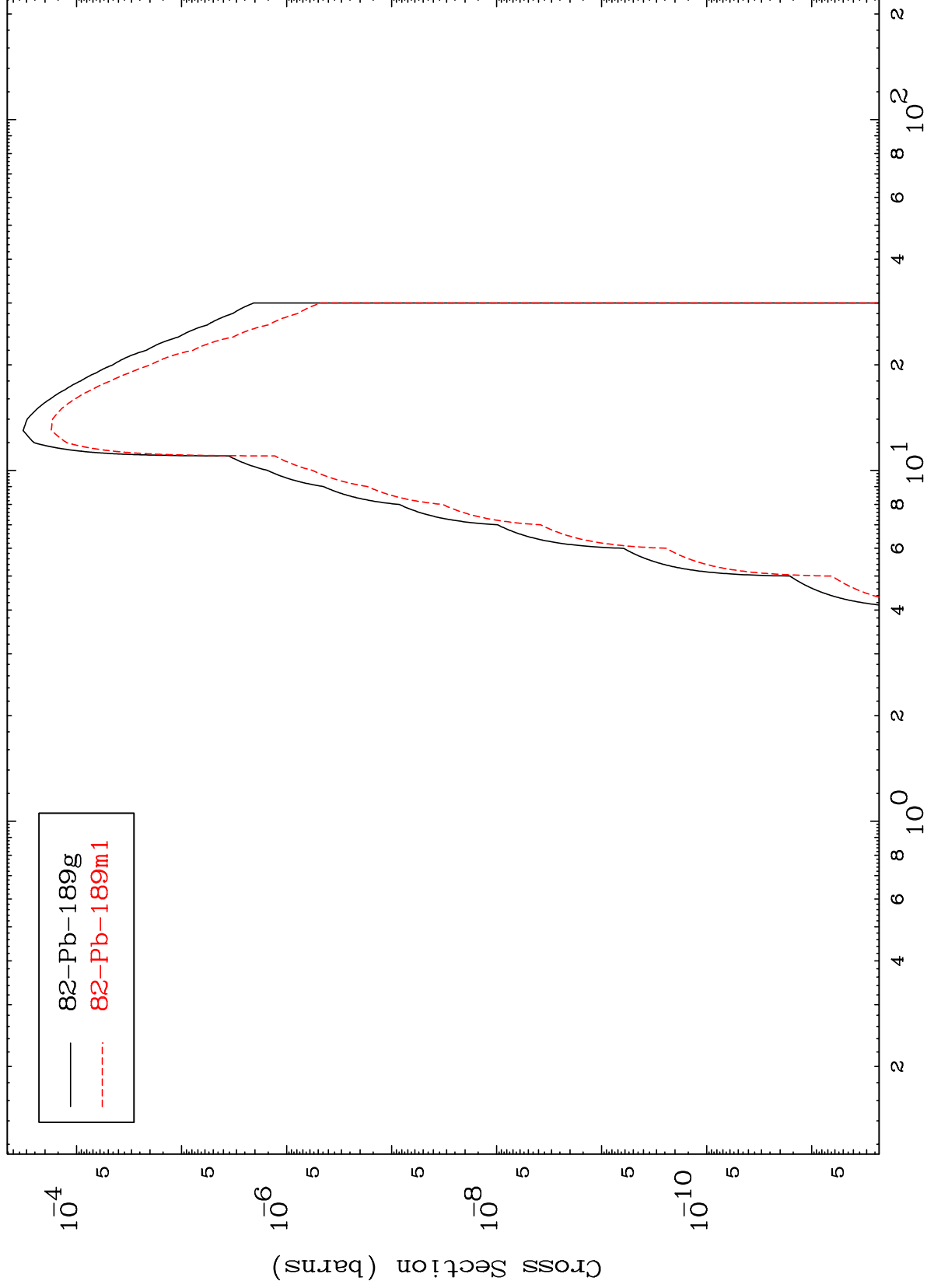
81-Tl-187

MAT 8077

(d,  $\gamma$ )

81-Tl-187

Radionuclide Production Cross Section



22

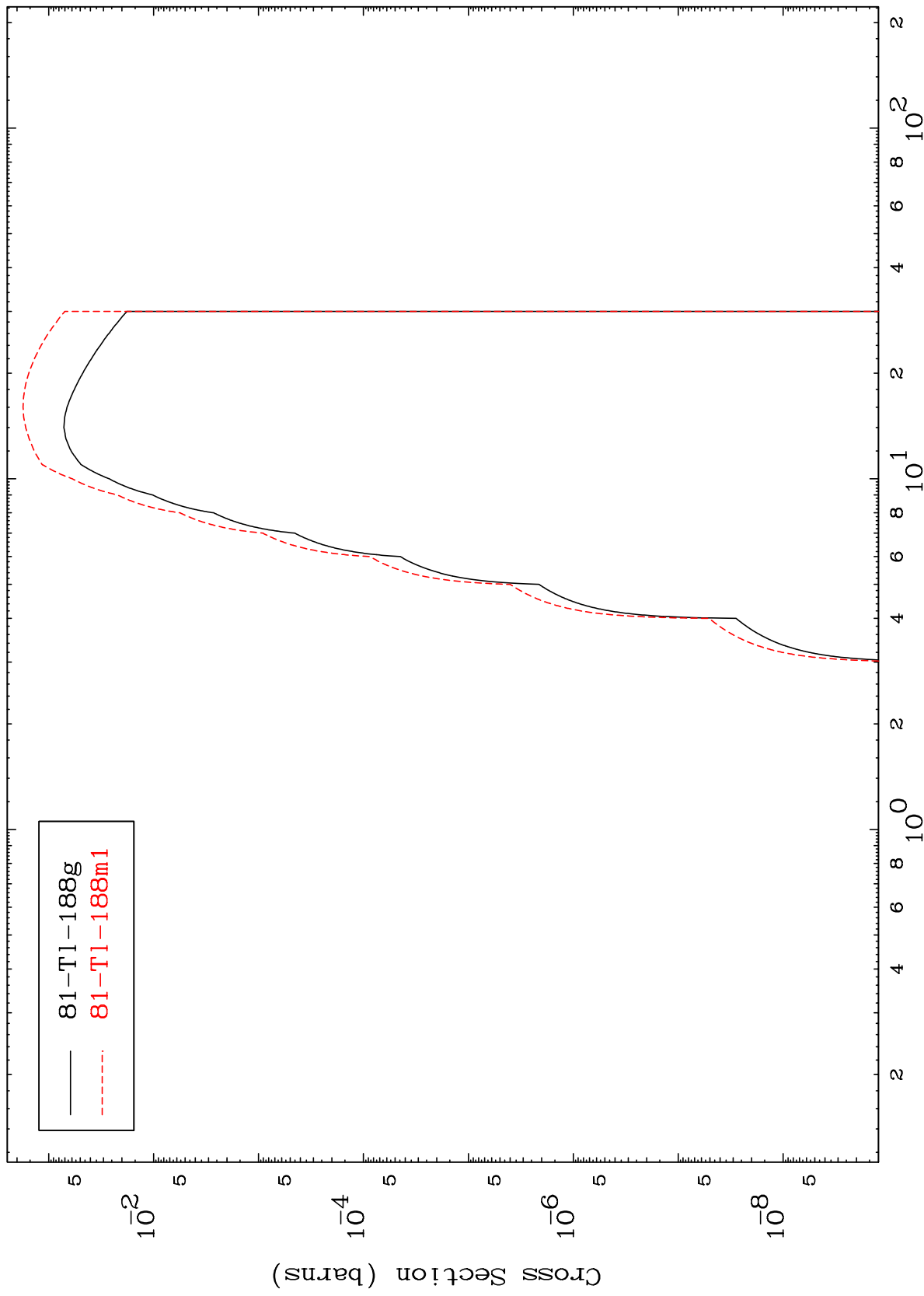
Incident Energy (MeV)

81-Tl-187

MAT 8077

81-Tl-187

(d,p)  
Radionuclide Production Cross Section



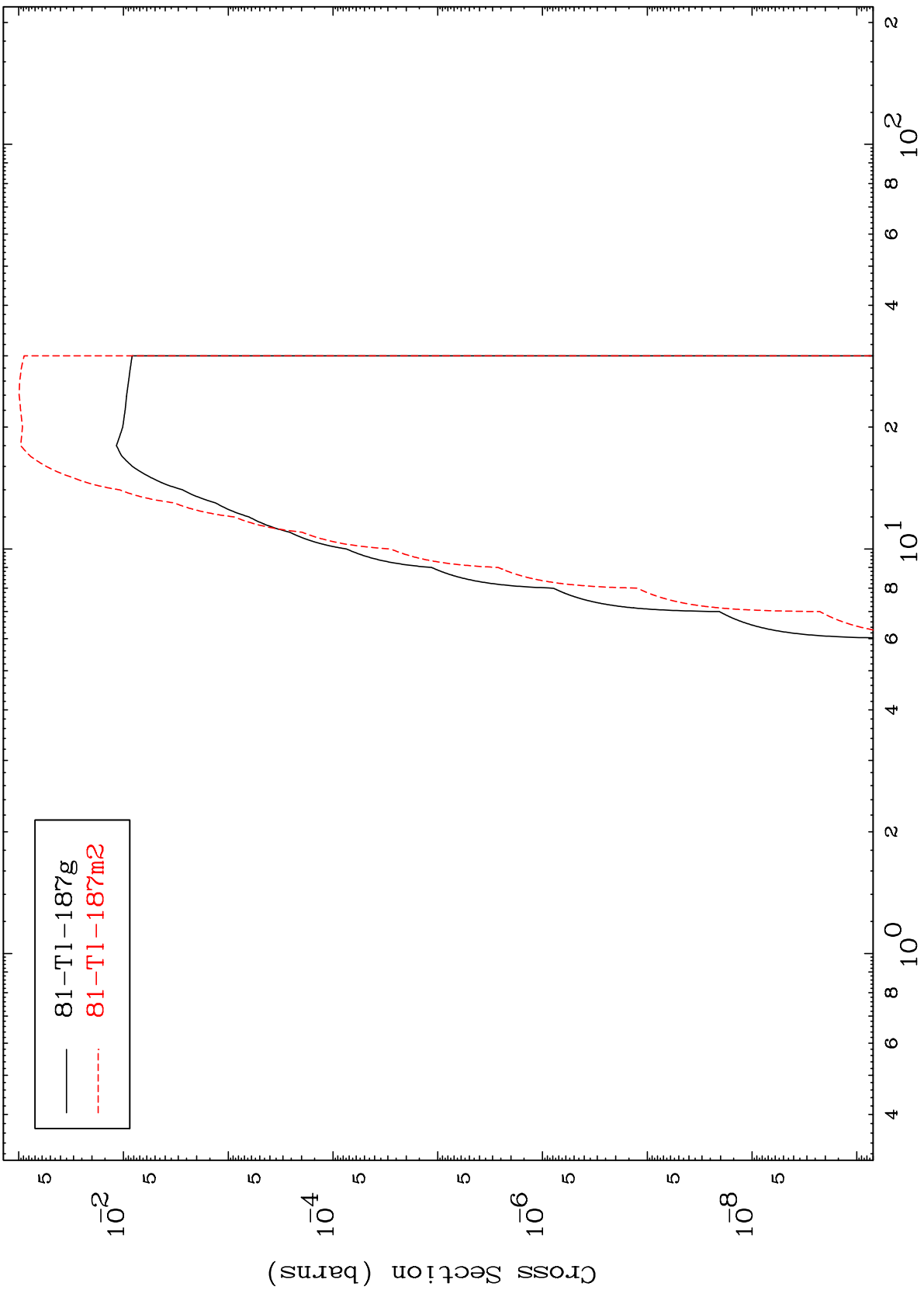


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(d,d)

81-Tl-187

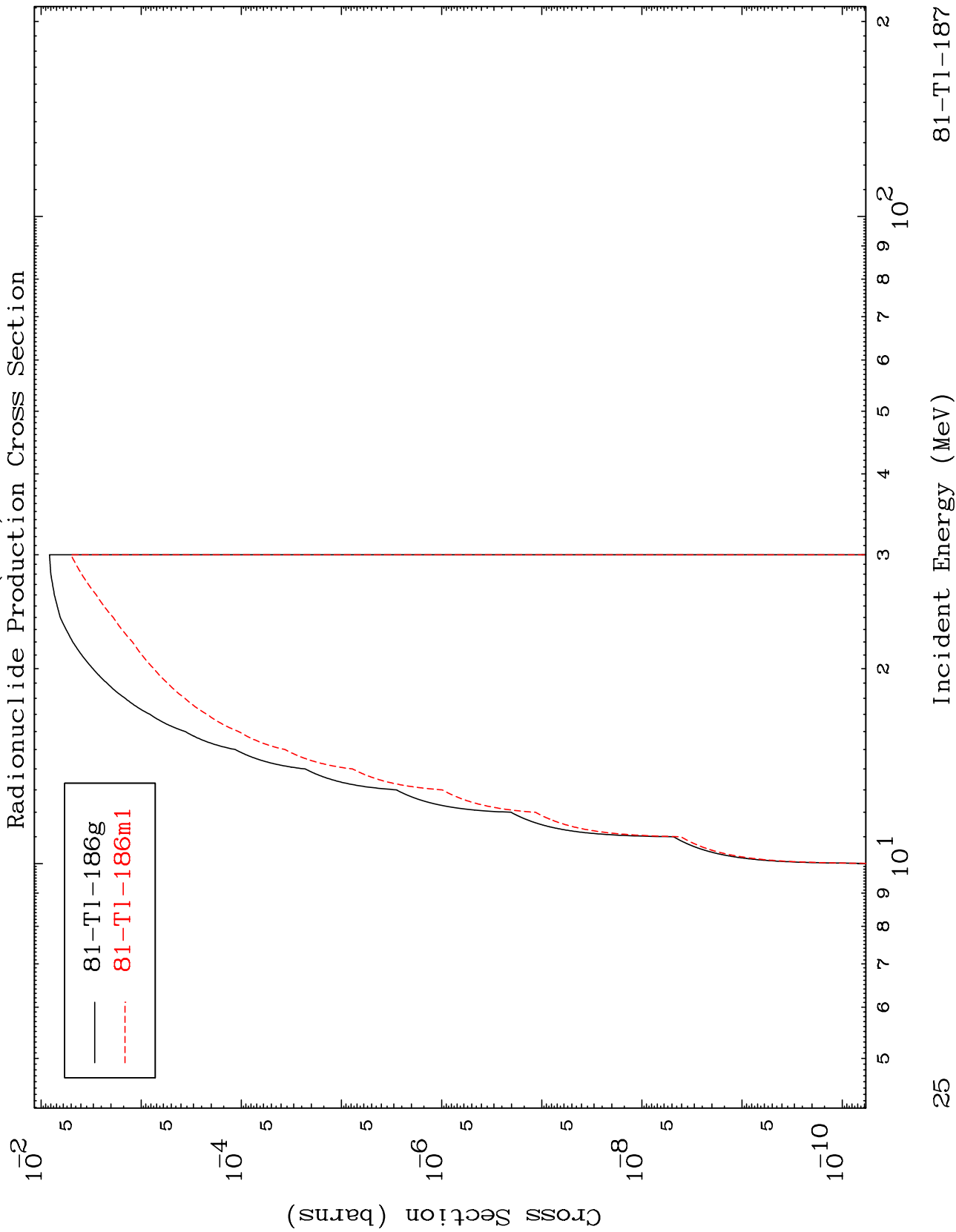
Radionuclide Production Cross Section



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

MAT 8077

81-Tl-187



25

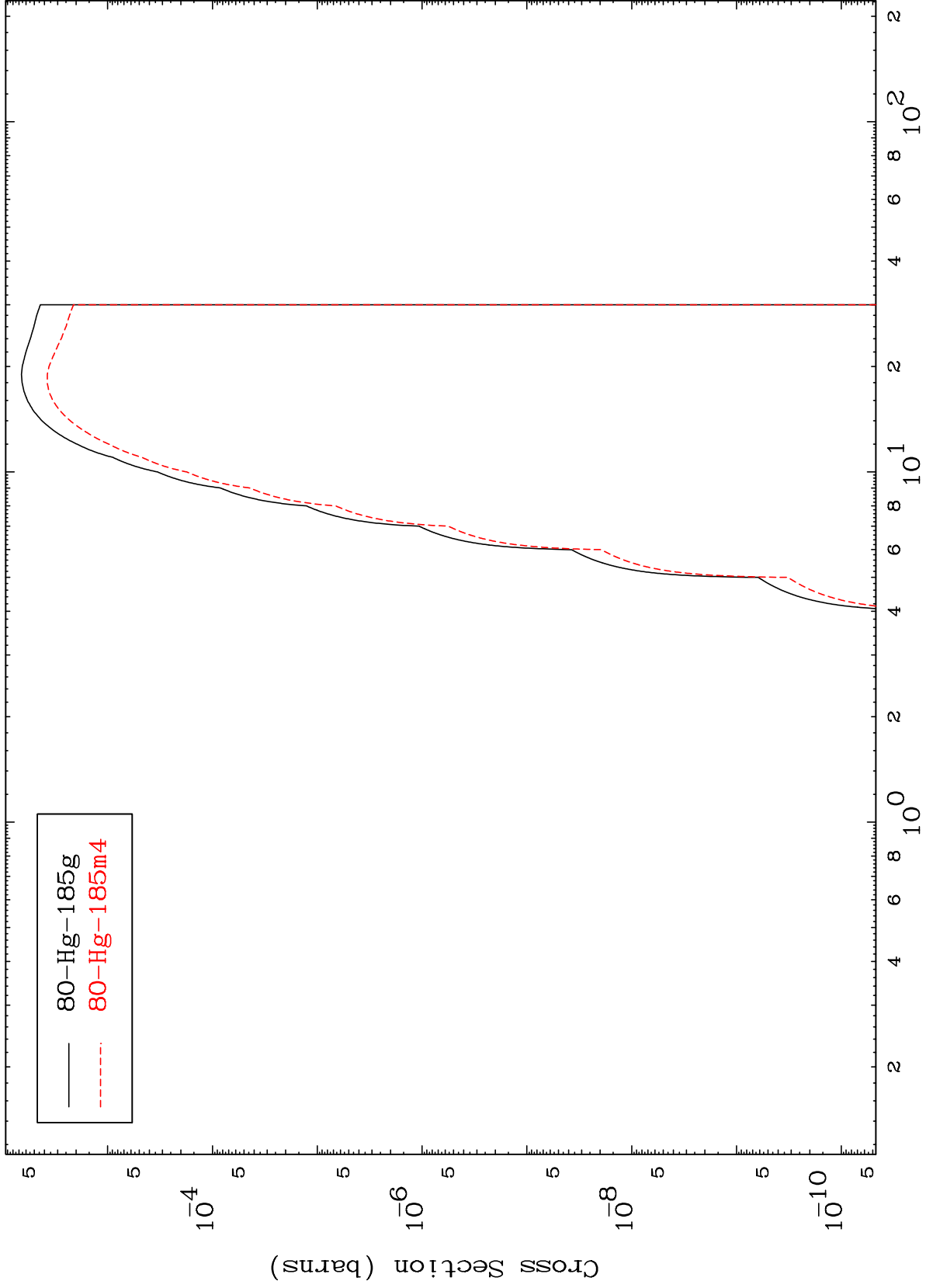
81-Tl-187

MAT 8077

(d,  $\alpha$ )

81-Tl-187

Radionuclide Production Cross Section



26

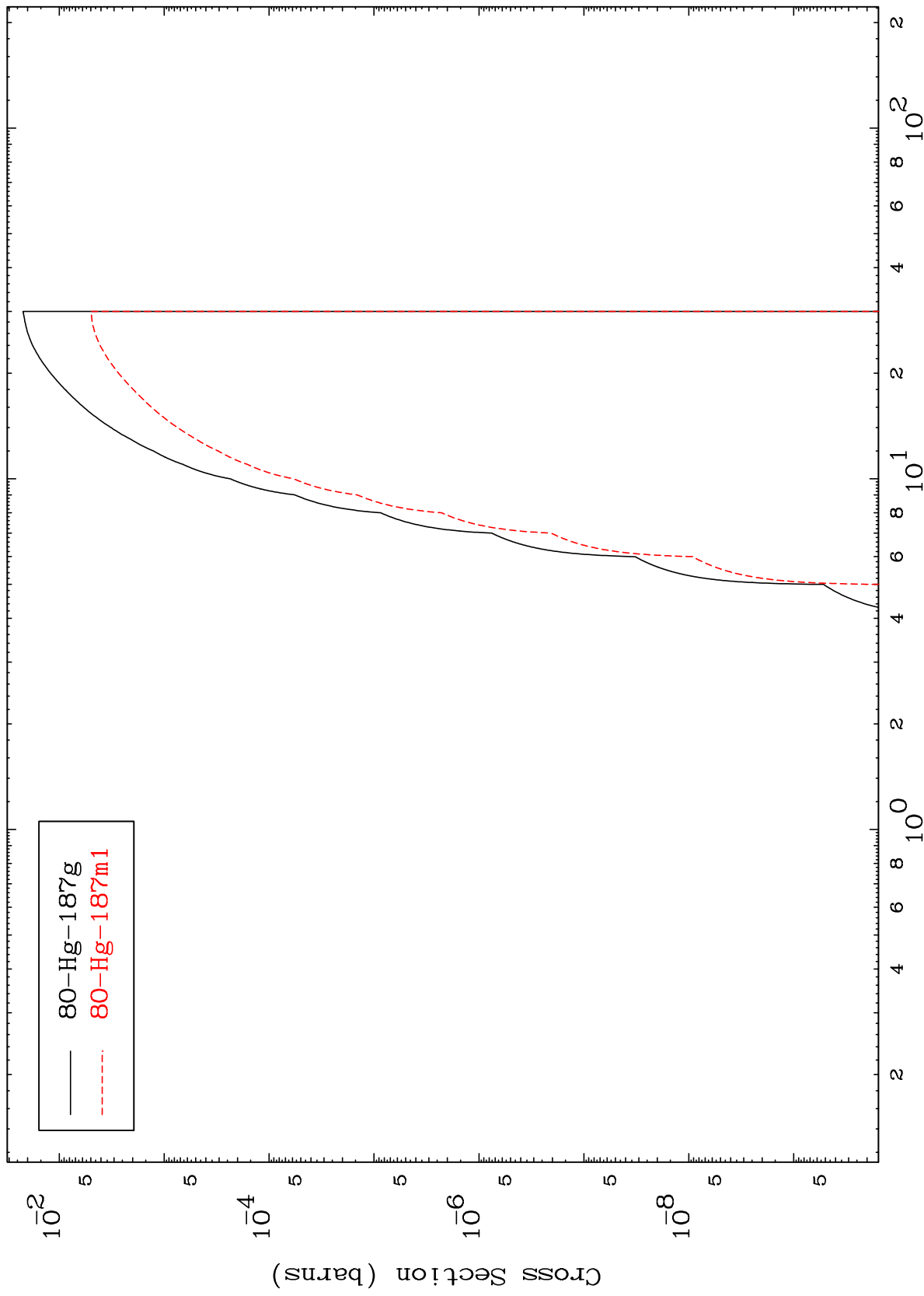
Incident Energy (MeV)

81-Tl-187

MAT 8077

81-Tl-187

(d,2p)  
Radionuclide Production Cross Section



81-Tl-187

Incident Energy (MeV)

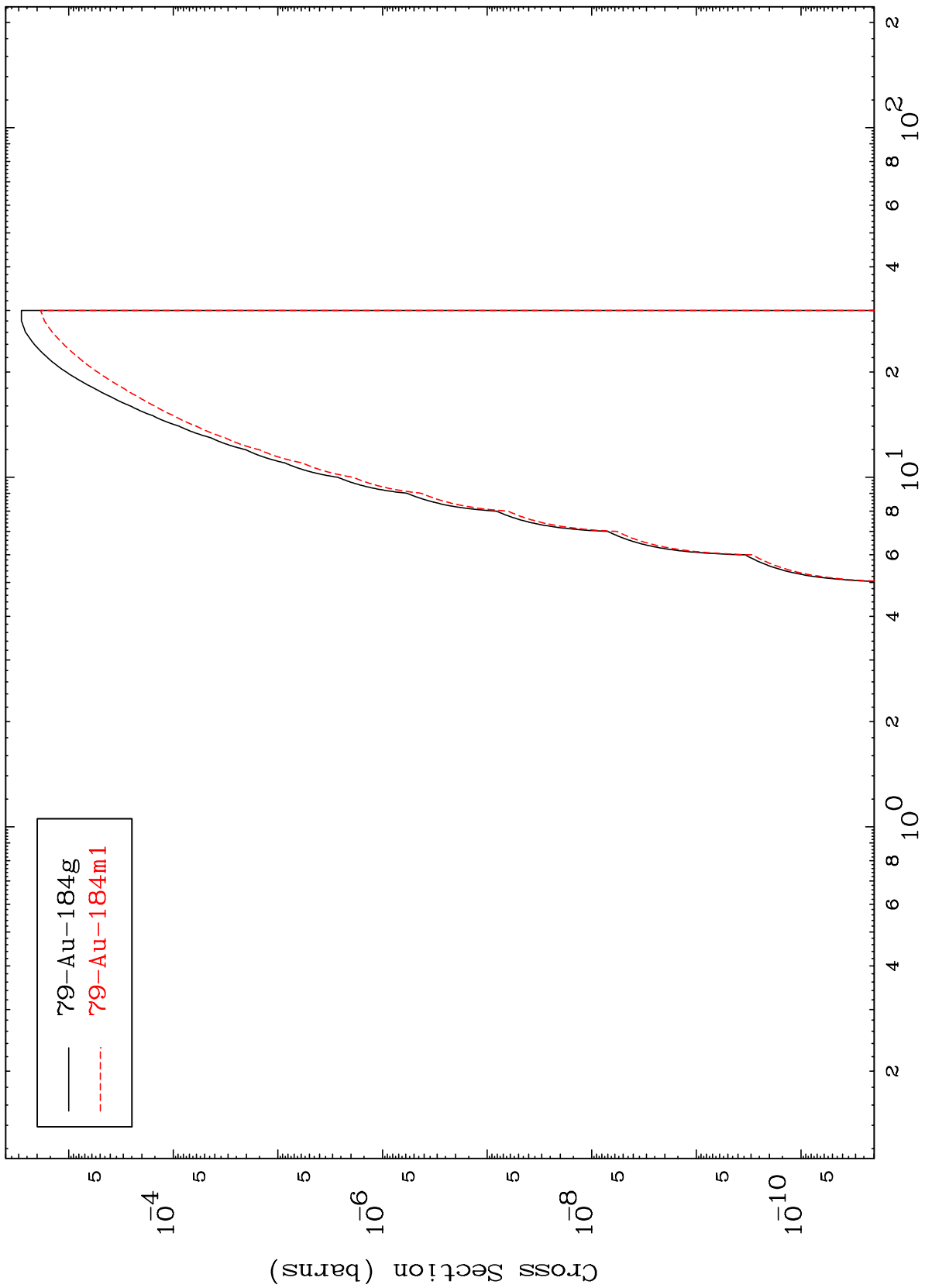
27

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(d,p)  $\alpha$

81-Tl-187

Radionuclide Production Cross Section



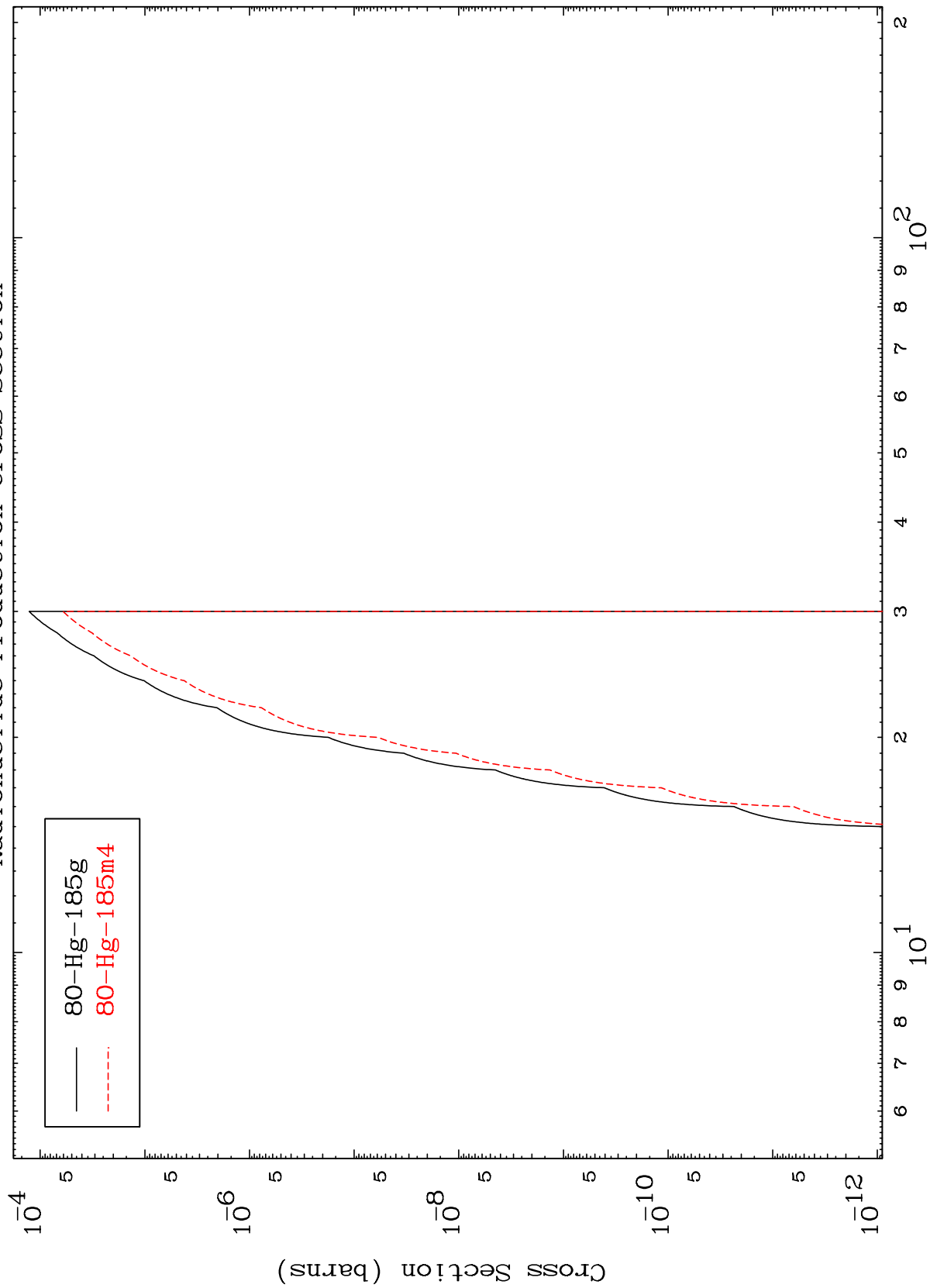
—  $^{184}\text{gAu}$   
- - -  $^{184}\text{m1Au}$

MAT 8077

(d,p) t

81-Tl-187

Radionuclide Production Cross Section



29

Incident Energy (MeV)

81-Tl-187