

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

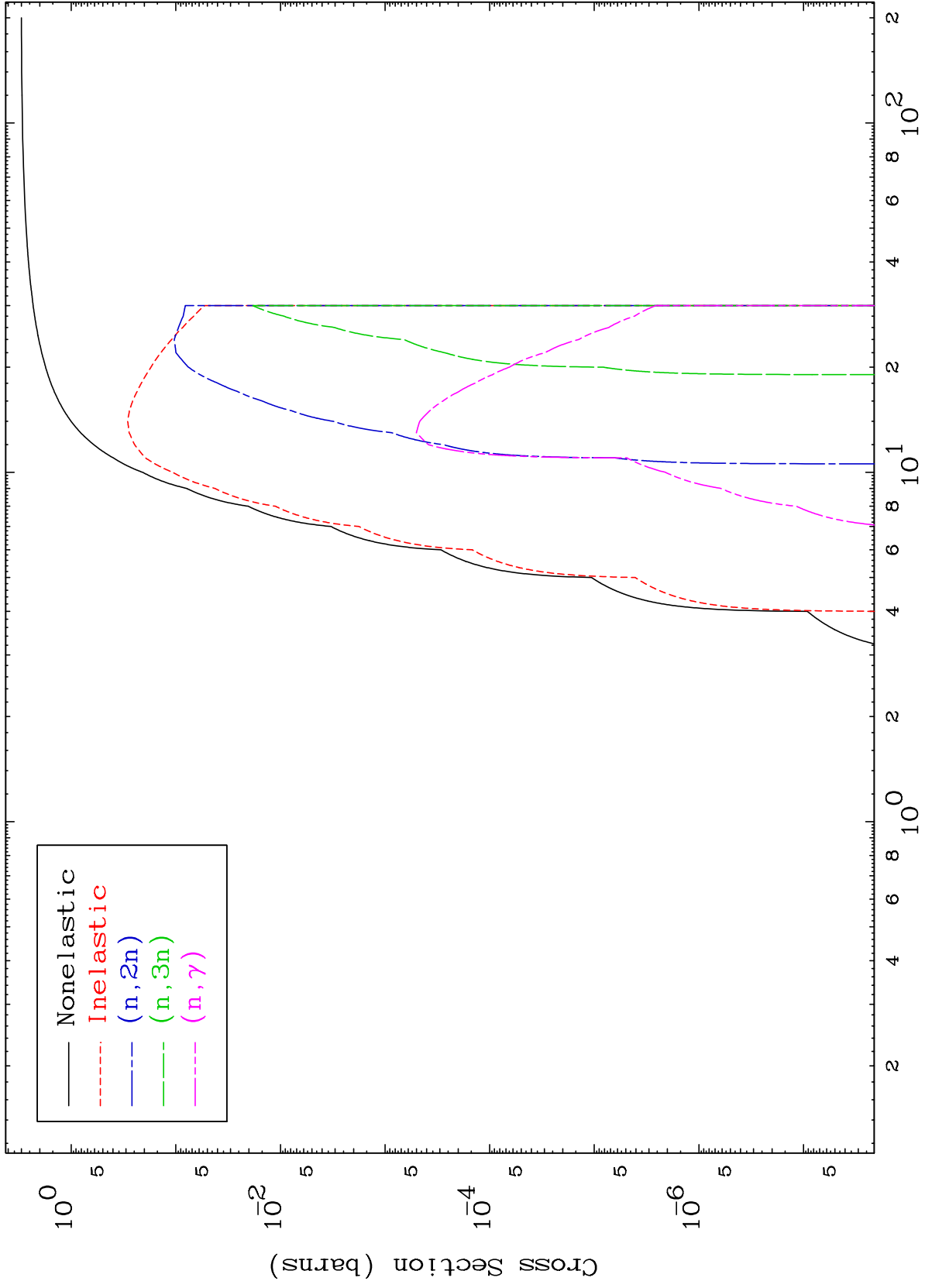
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

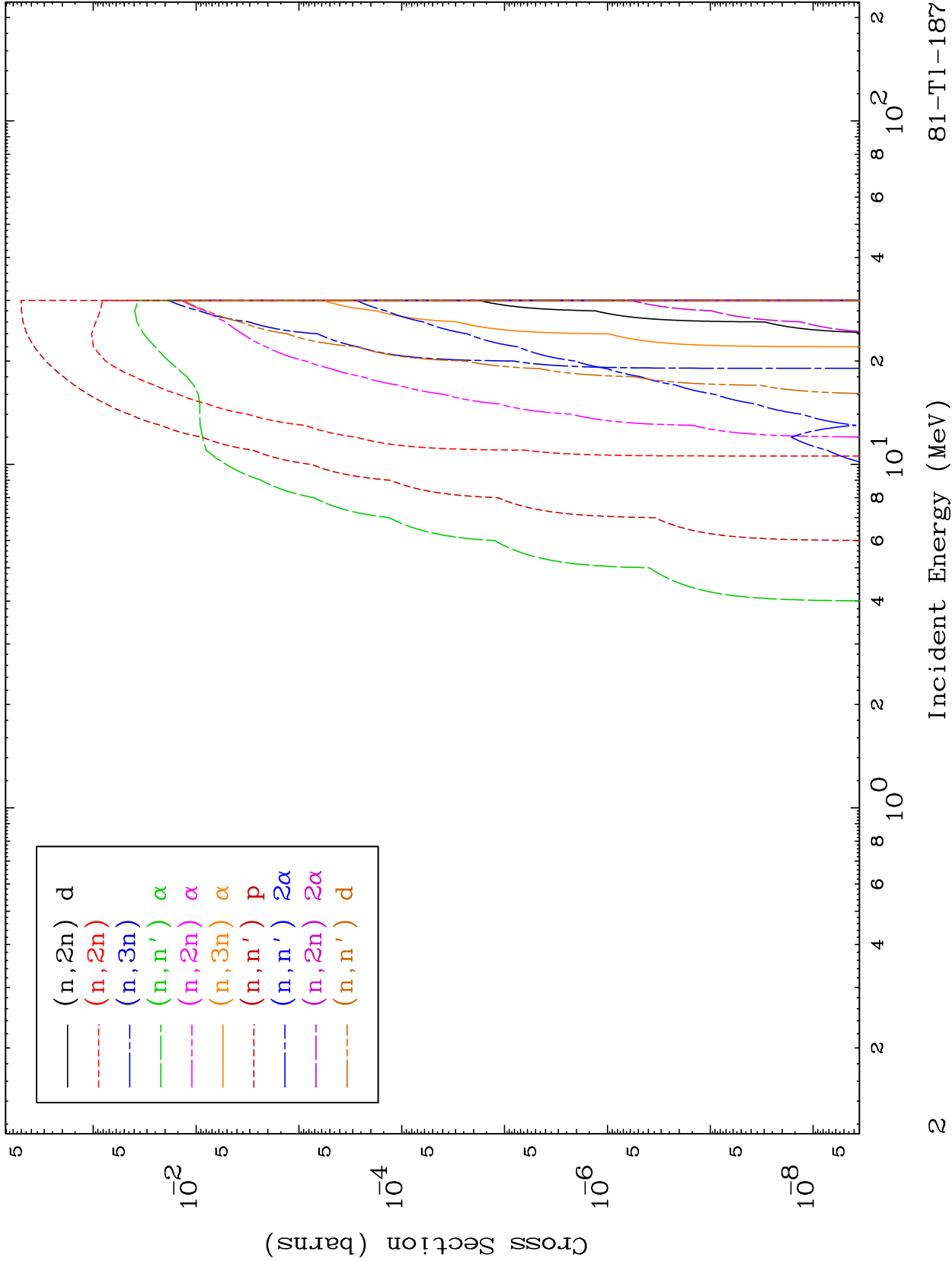
Tele: 925-443-1911

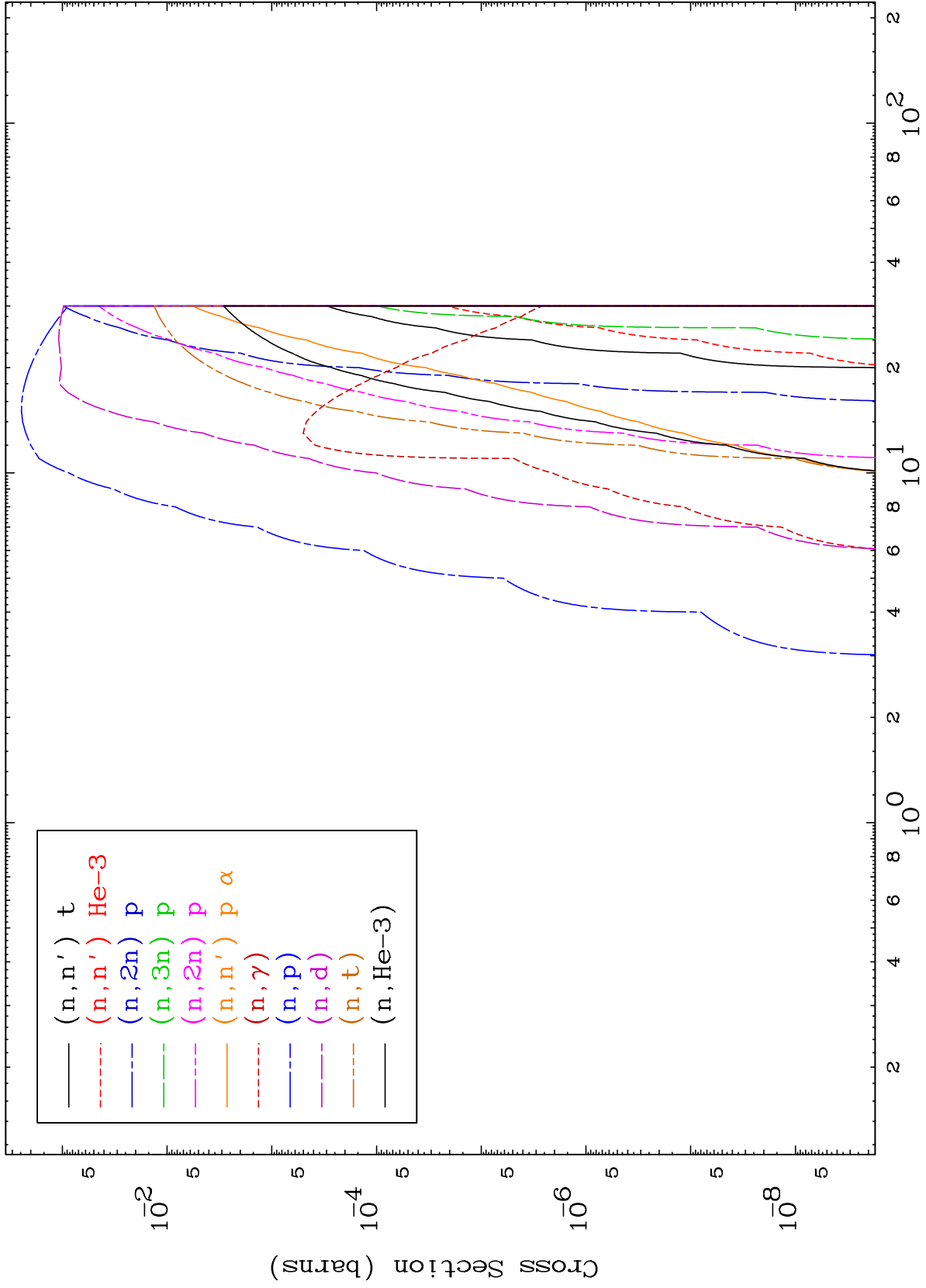
E.Mail:redcullen1@comcast.net

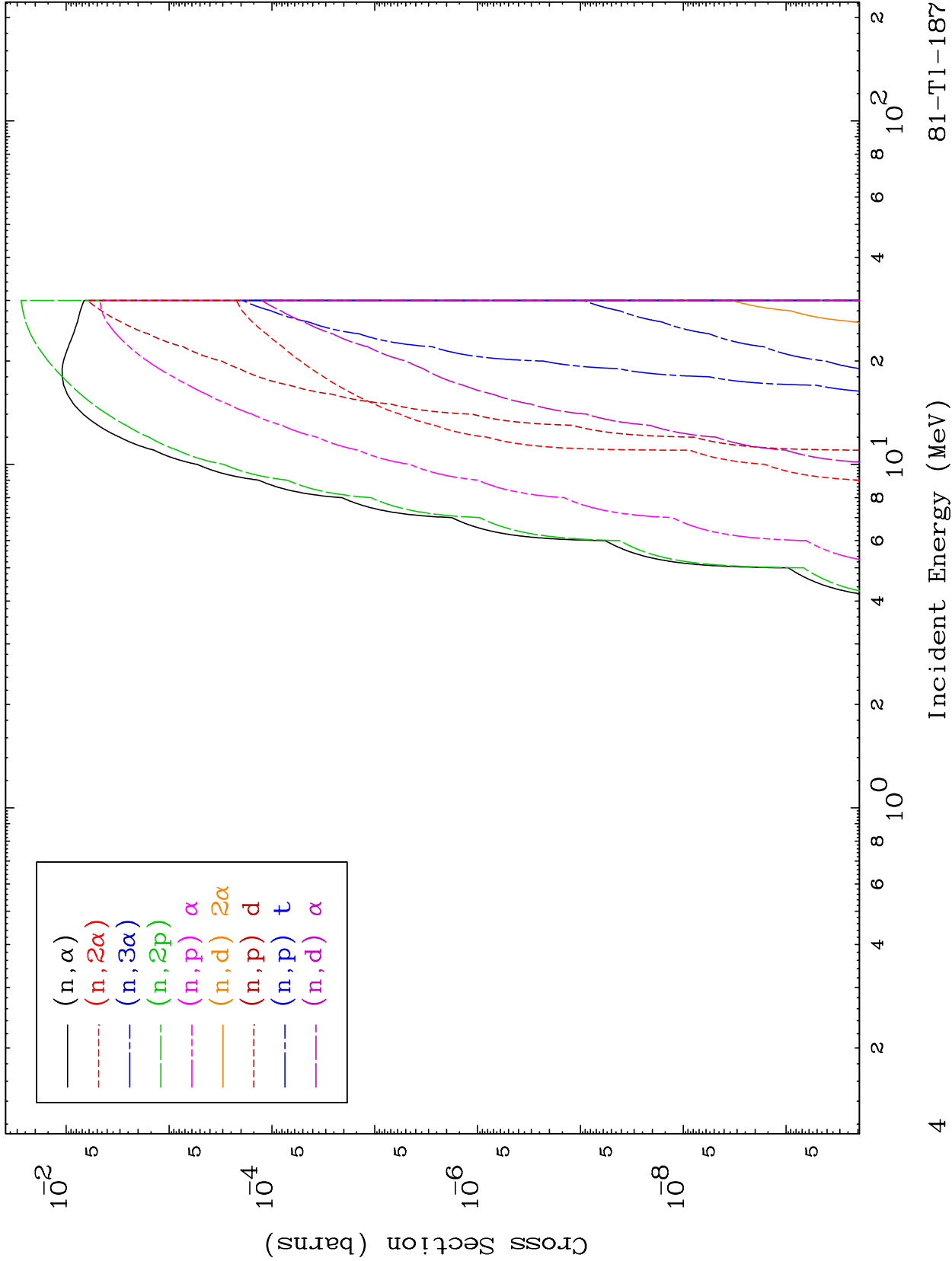
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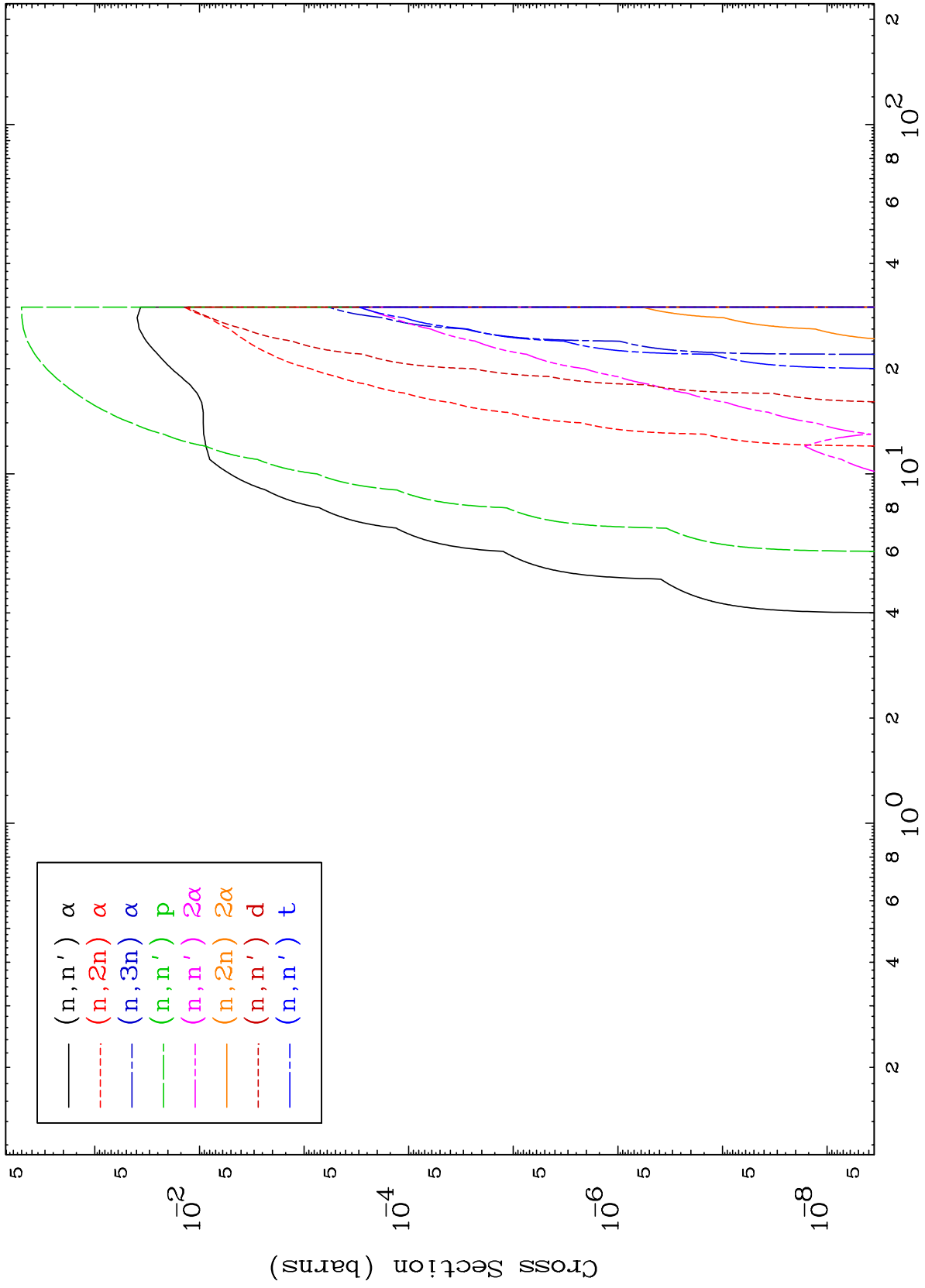
Press Mouse Button to Start

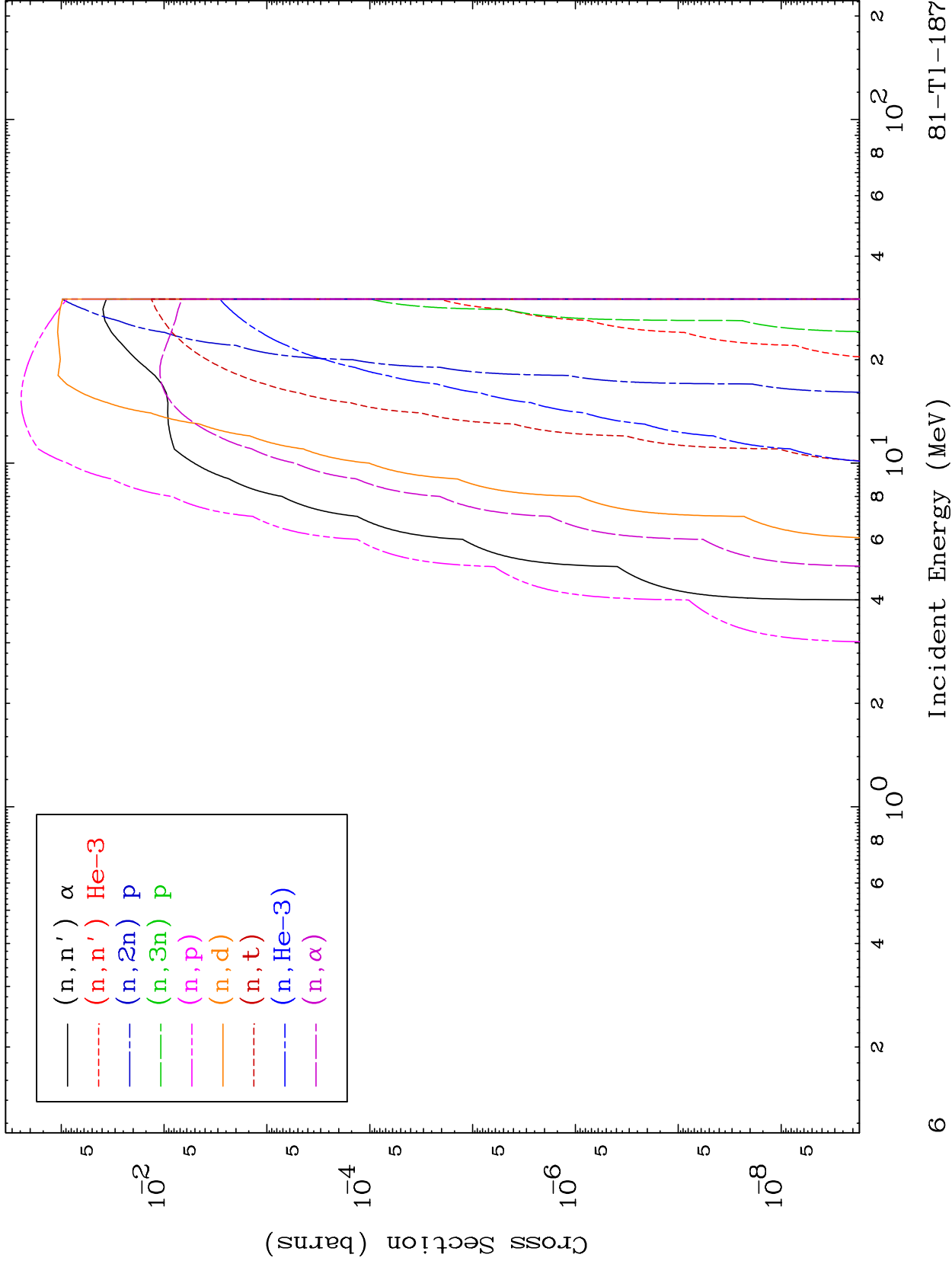


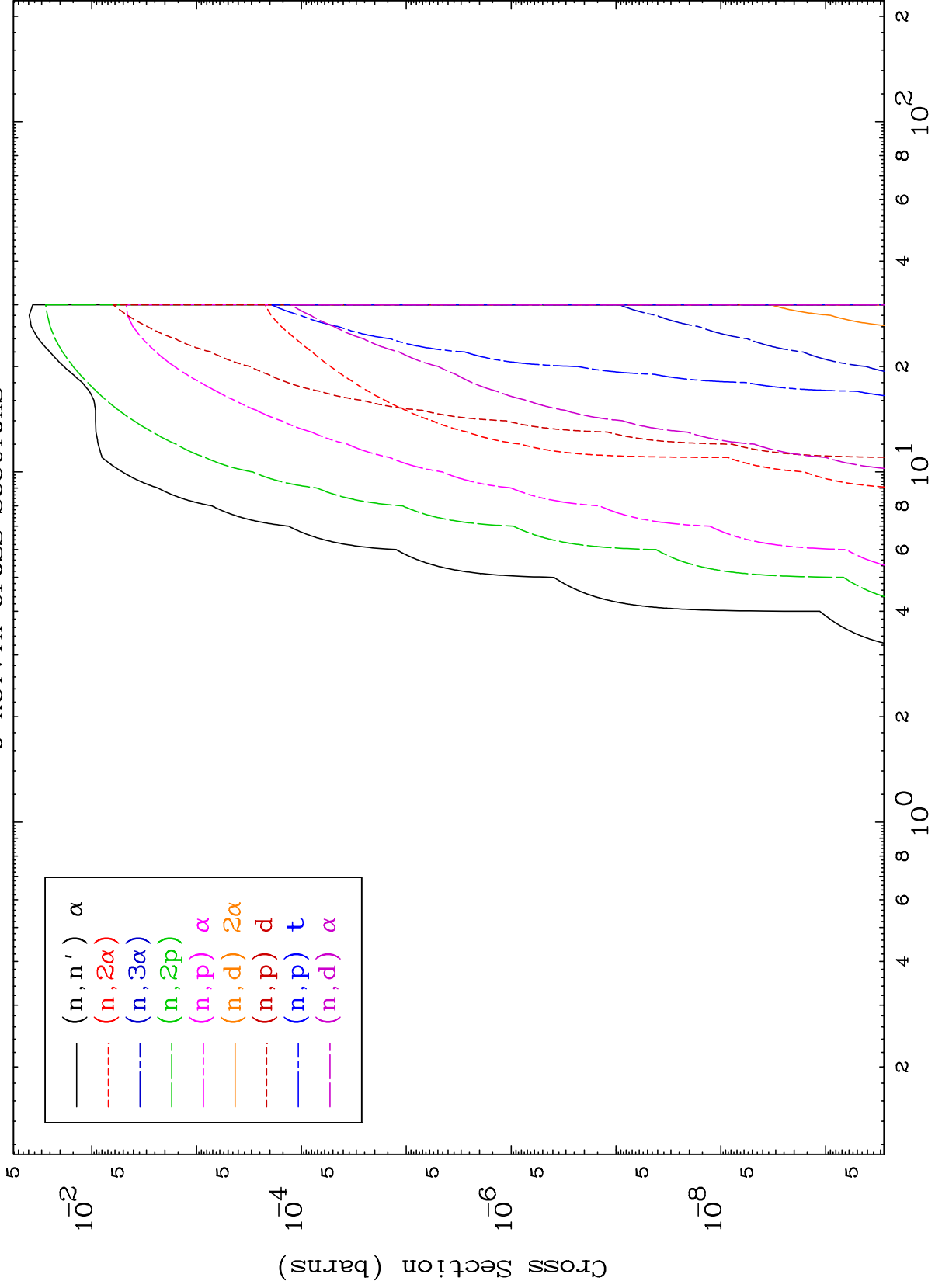












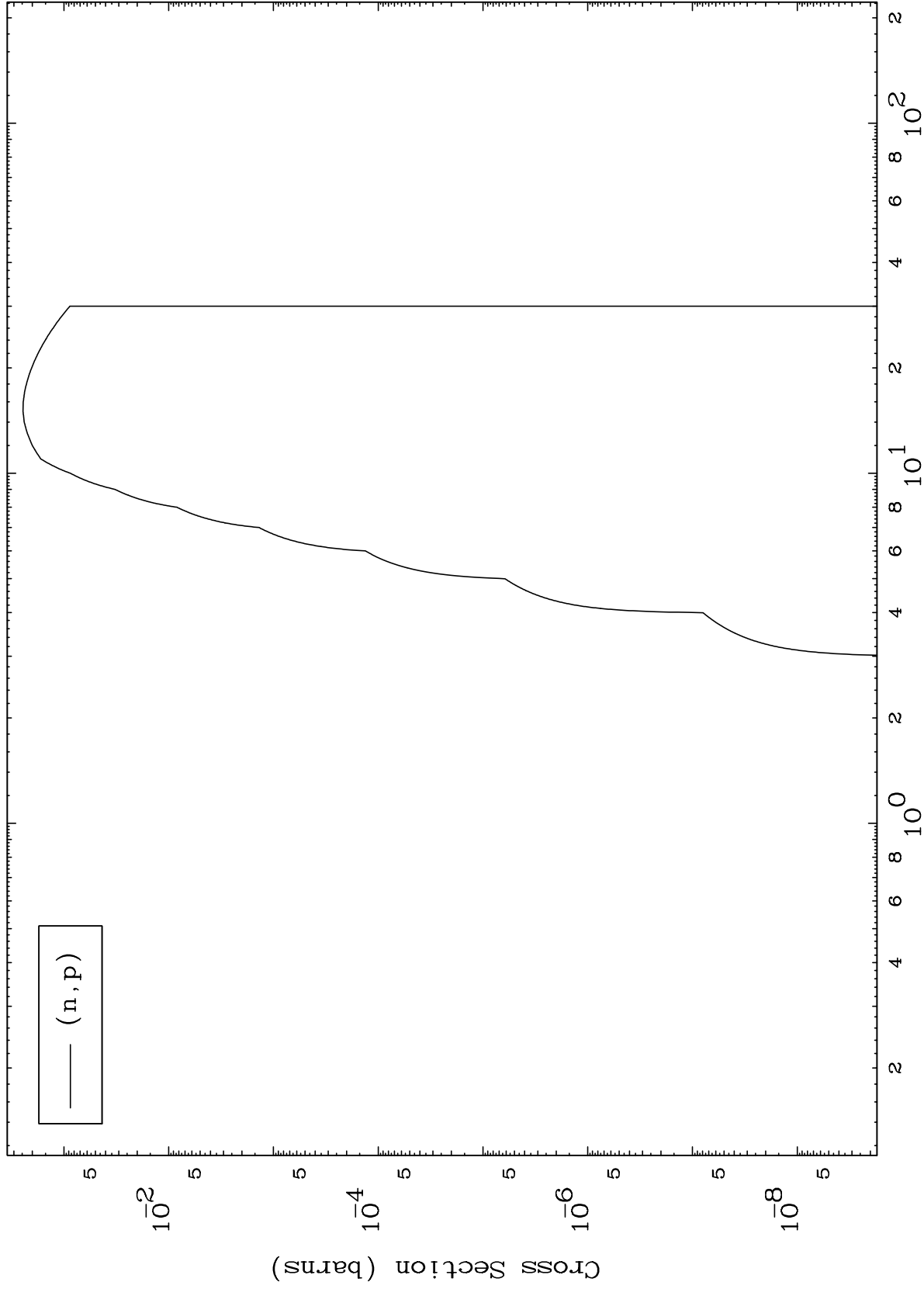


MAT 8077

(d,p) Levels

81-Tl-187

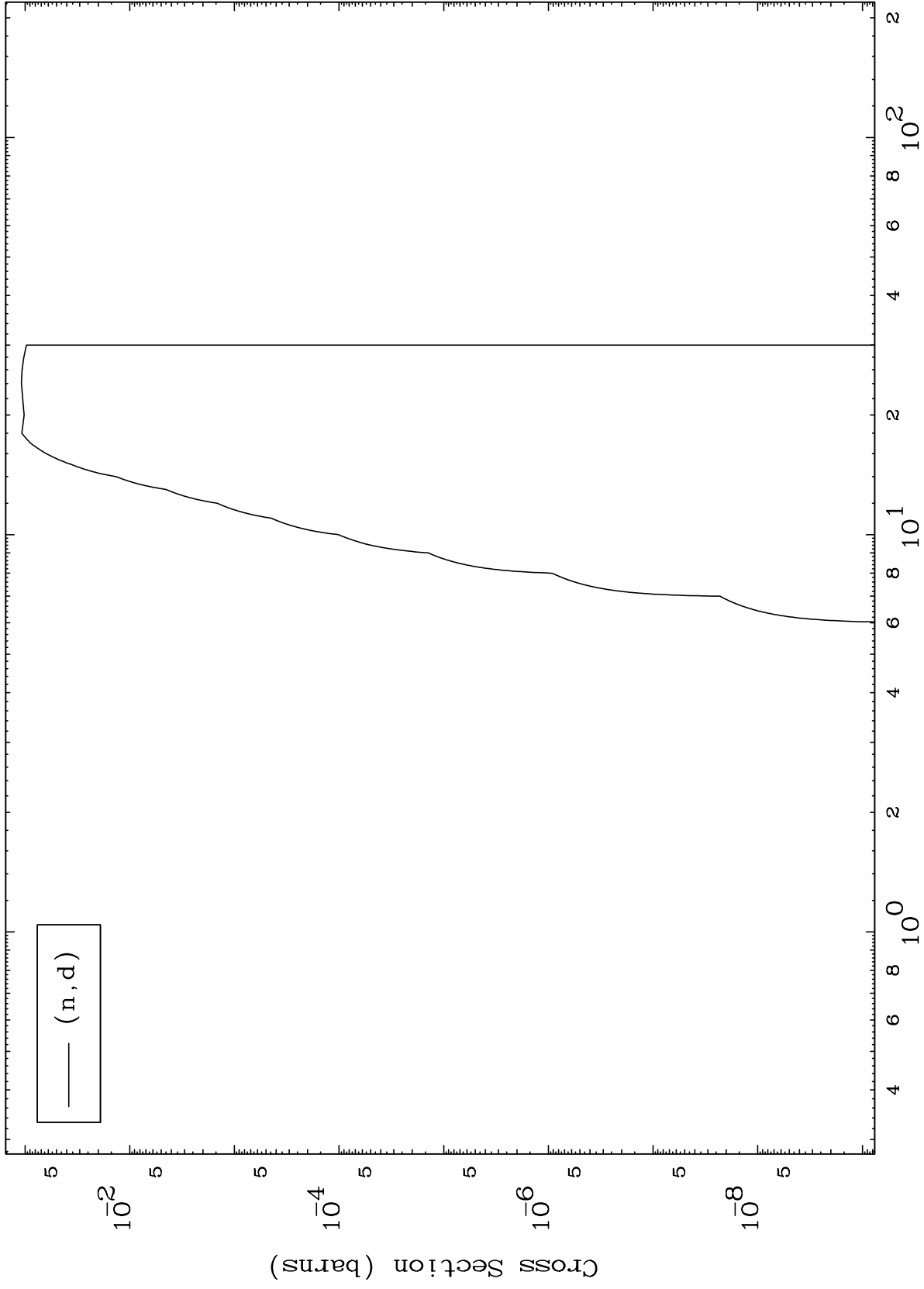
0 Kelvin Cross Sections



MAT 8077

(d,d) Levels  
0 Kelvin Cross Sections

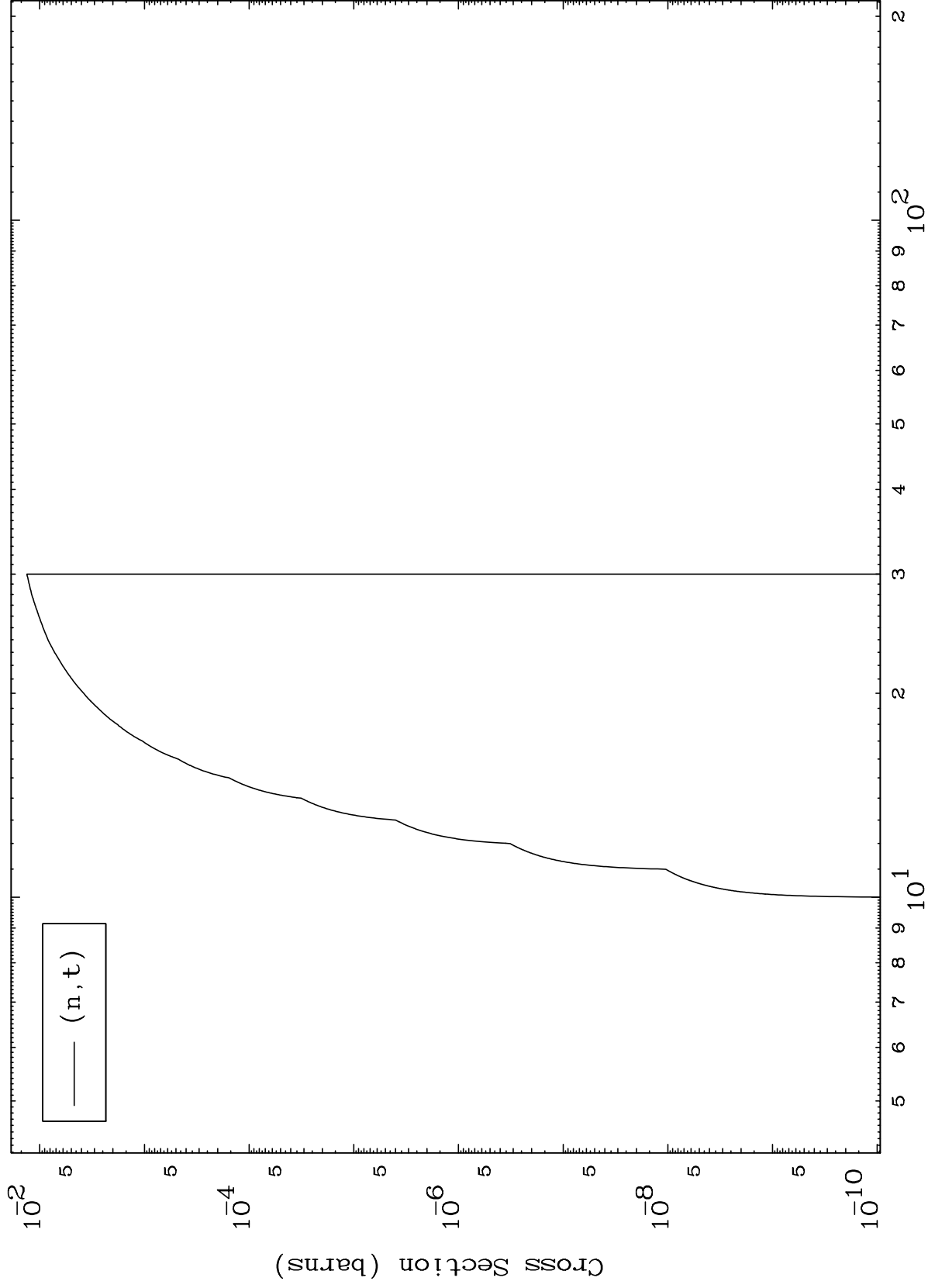
81-Tl-187



MAT 80777

(d,t) Levels  
0 Kelvin Cross Sections

81-Tl-187

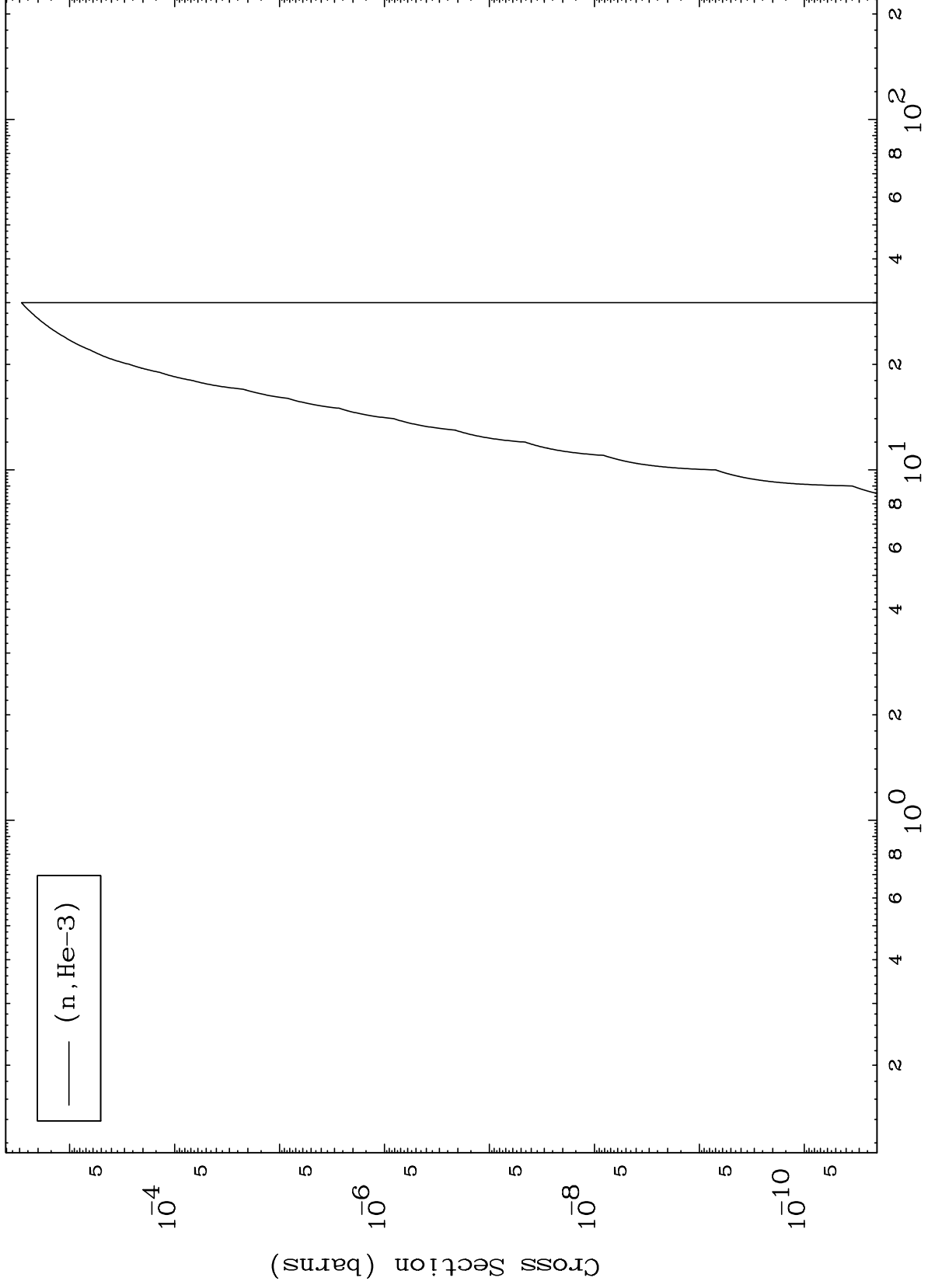


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Incident Energy (MeV)

81-Tl-187

0 Kelvin Cross Sections

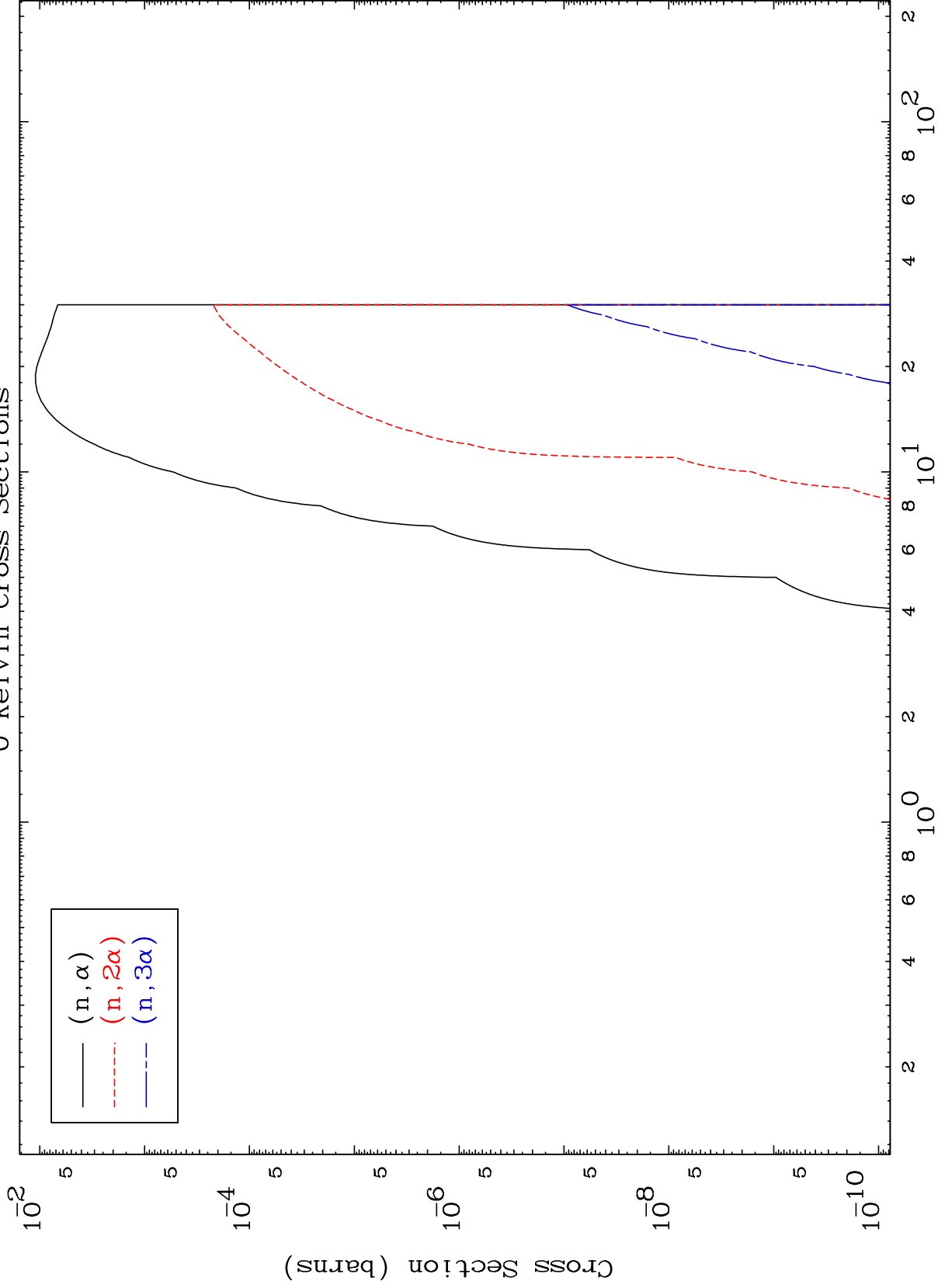


MAT 8077

(d,  $\alpha$ ) Levels

81-Tl-187

0 Kelvin Cross Sections



12

Incident Energy (MeV)

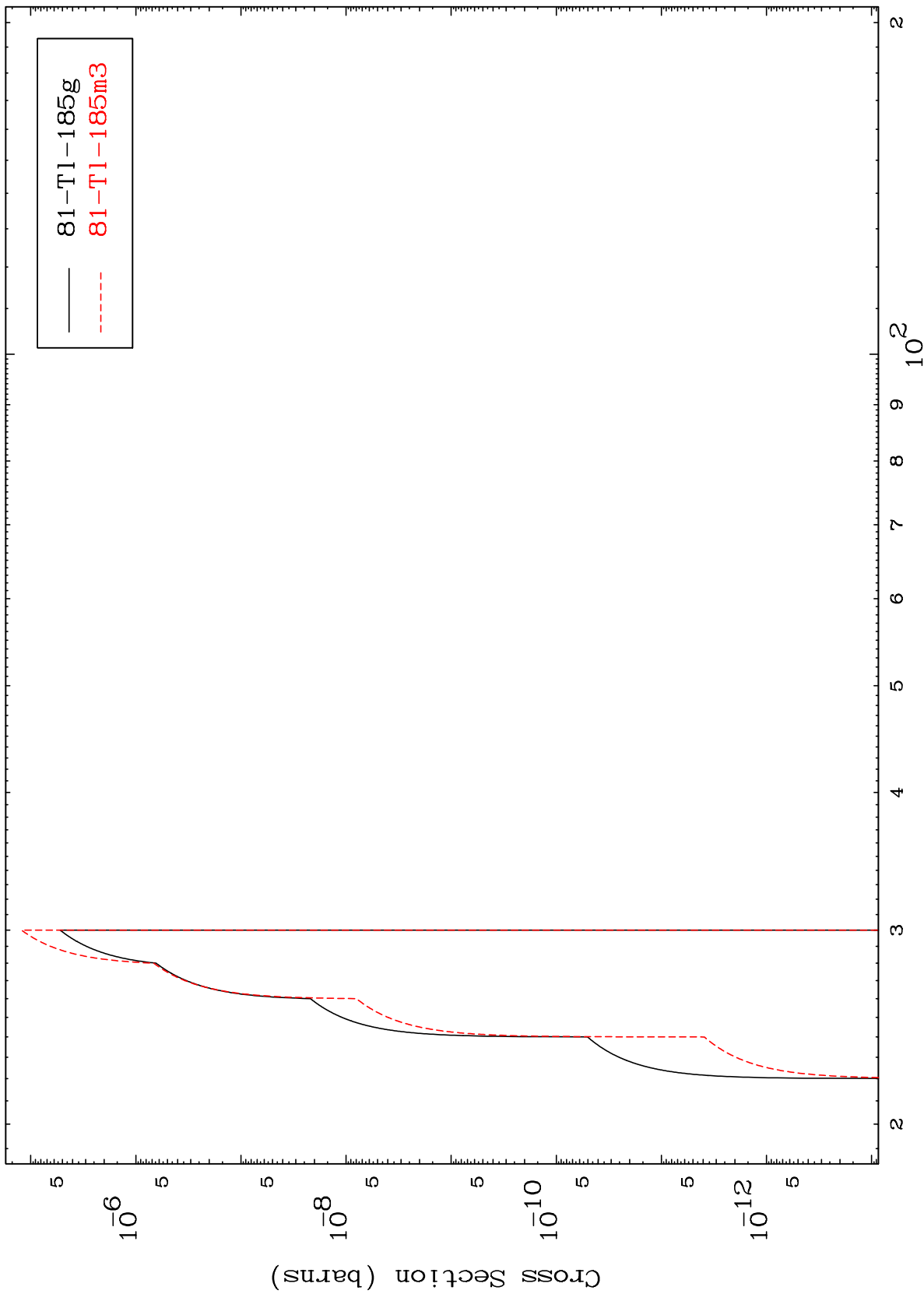
81-Tl-187

MAT 80777

(n,2n) d

81-Tl-187

Radionuclide Production Cross Section

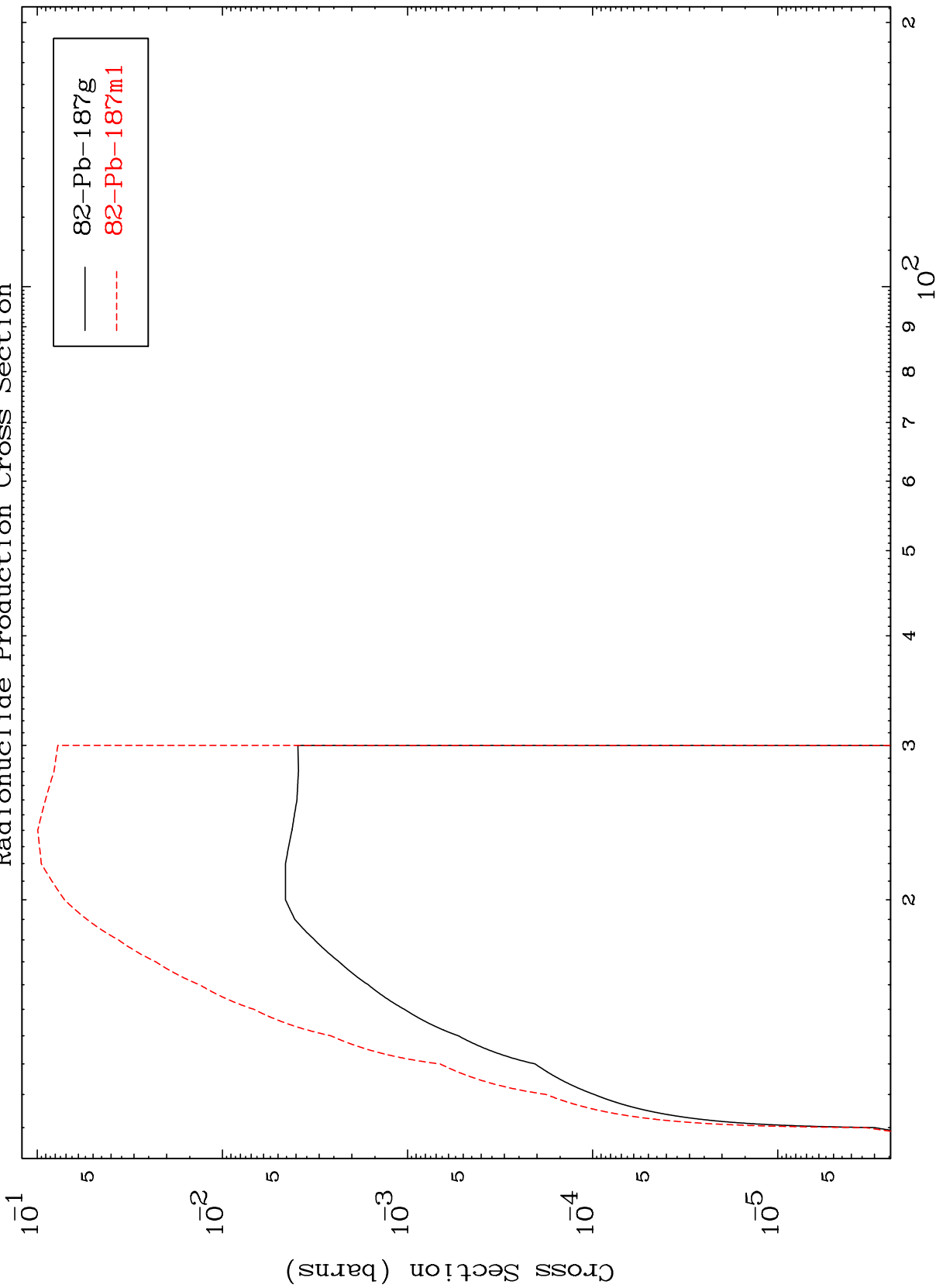


13

Incident Energy (MeV)

81-Tl-187

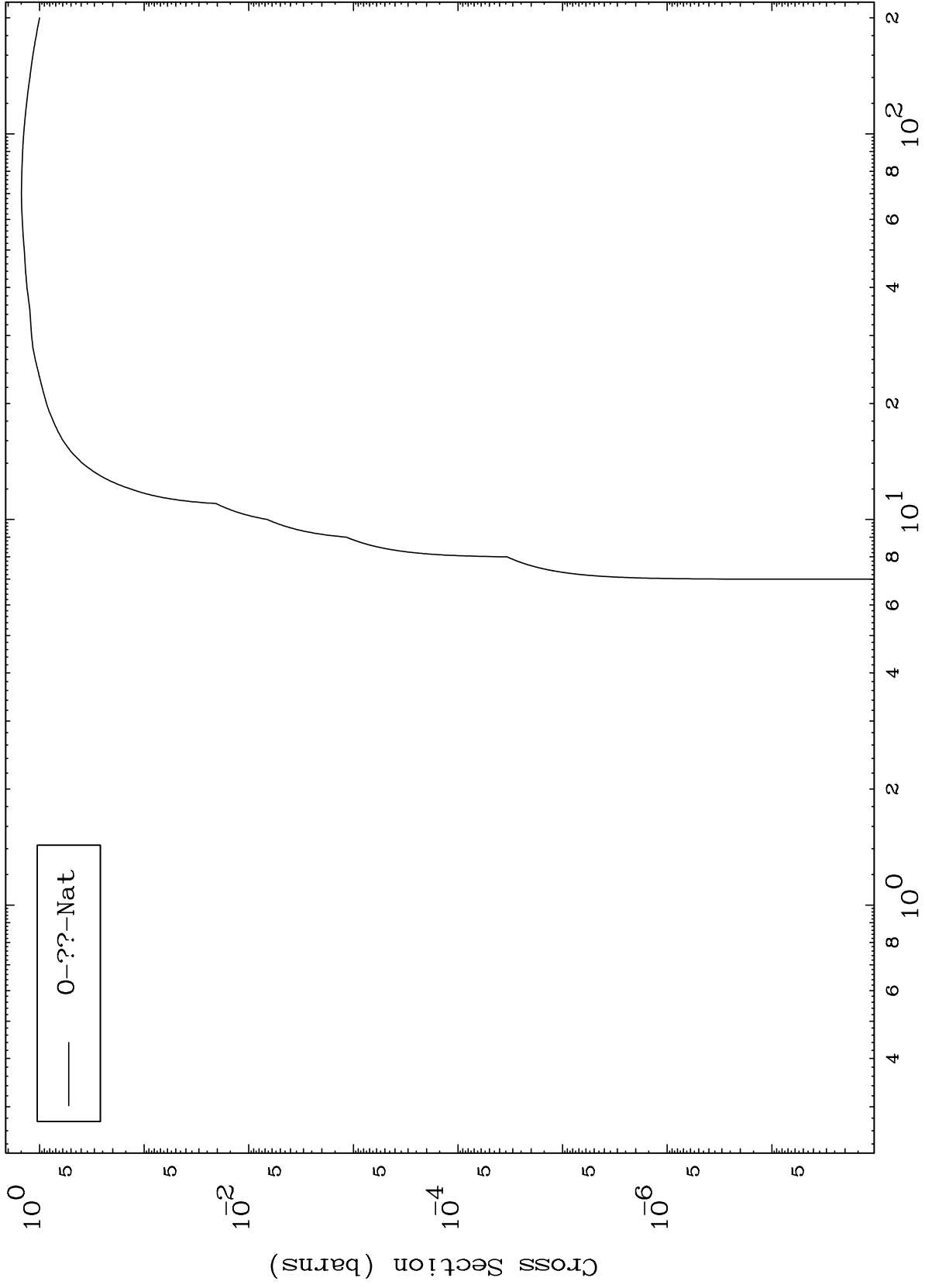
(n,2n)  
Radionuclide Production Cross Section



MAT 8077

81-Tl-187

Fission  
Radionuclide Production Cross Section



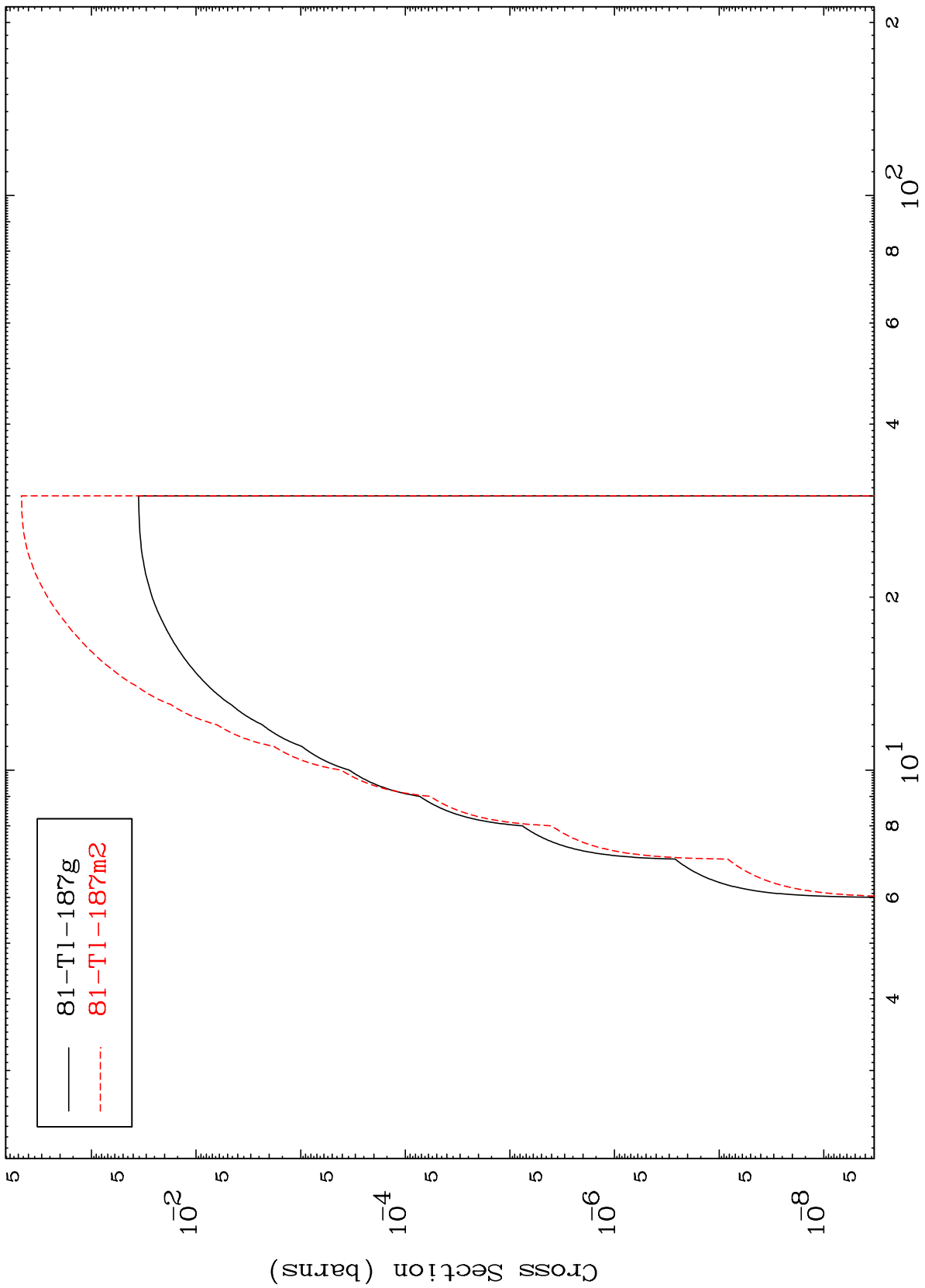
15

81-Tl-187

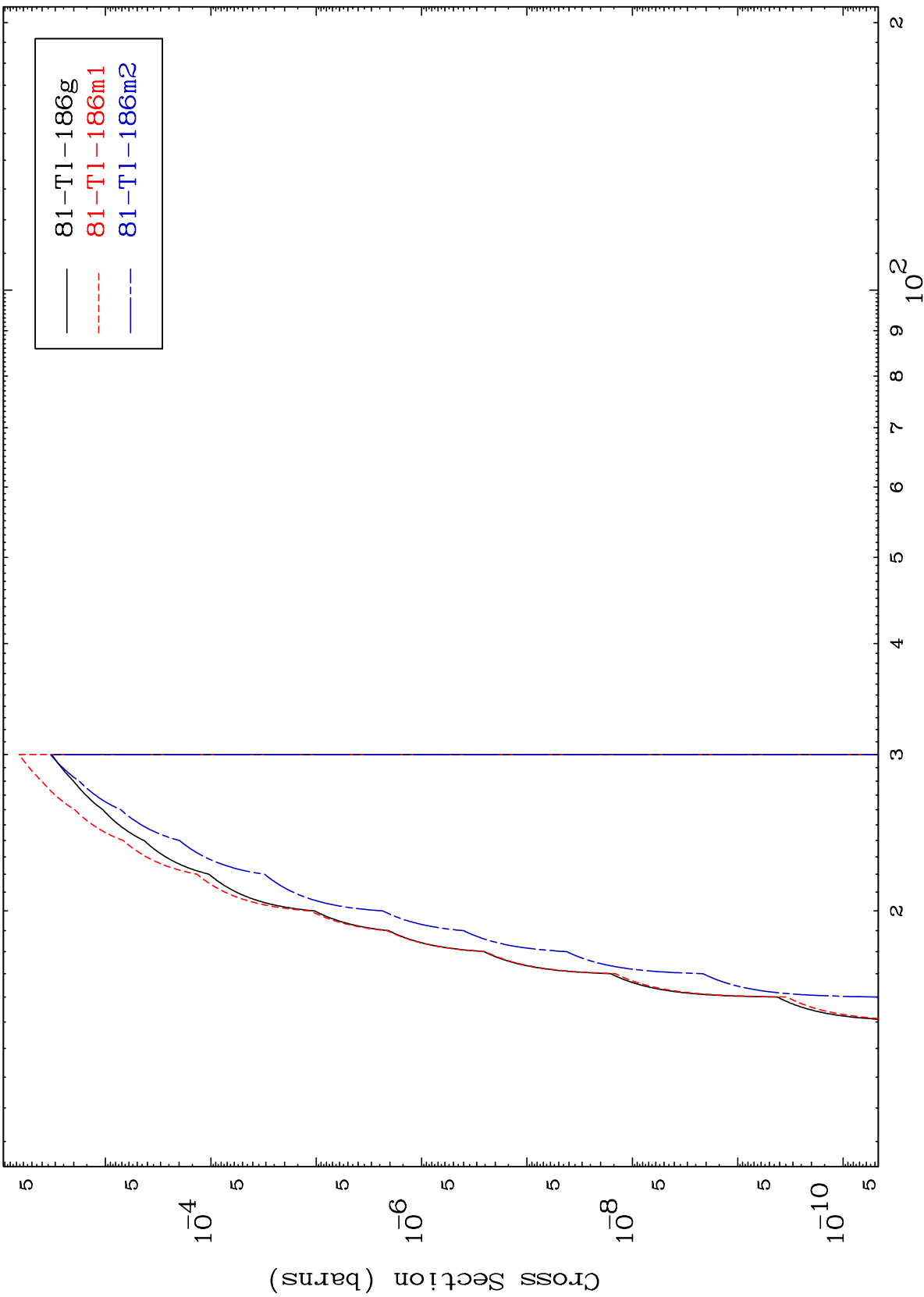
Incident Energy (MeV)



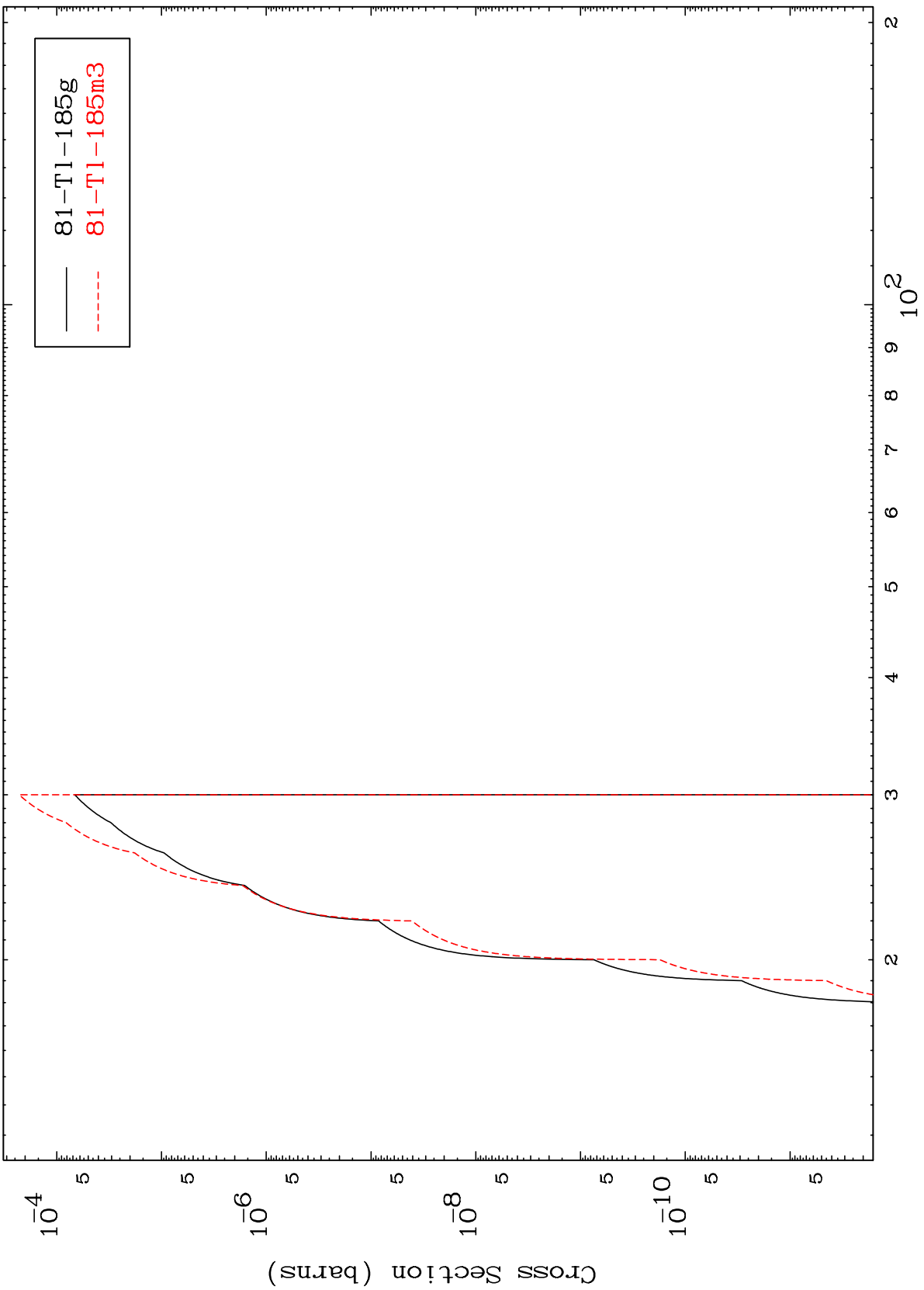
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section



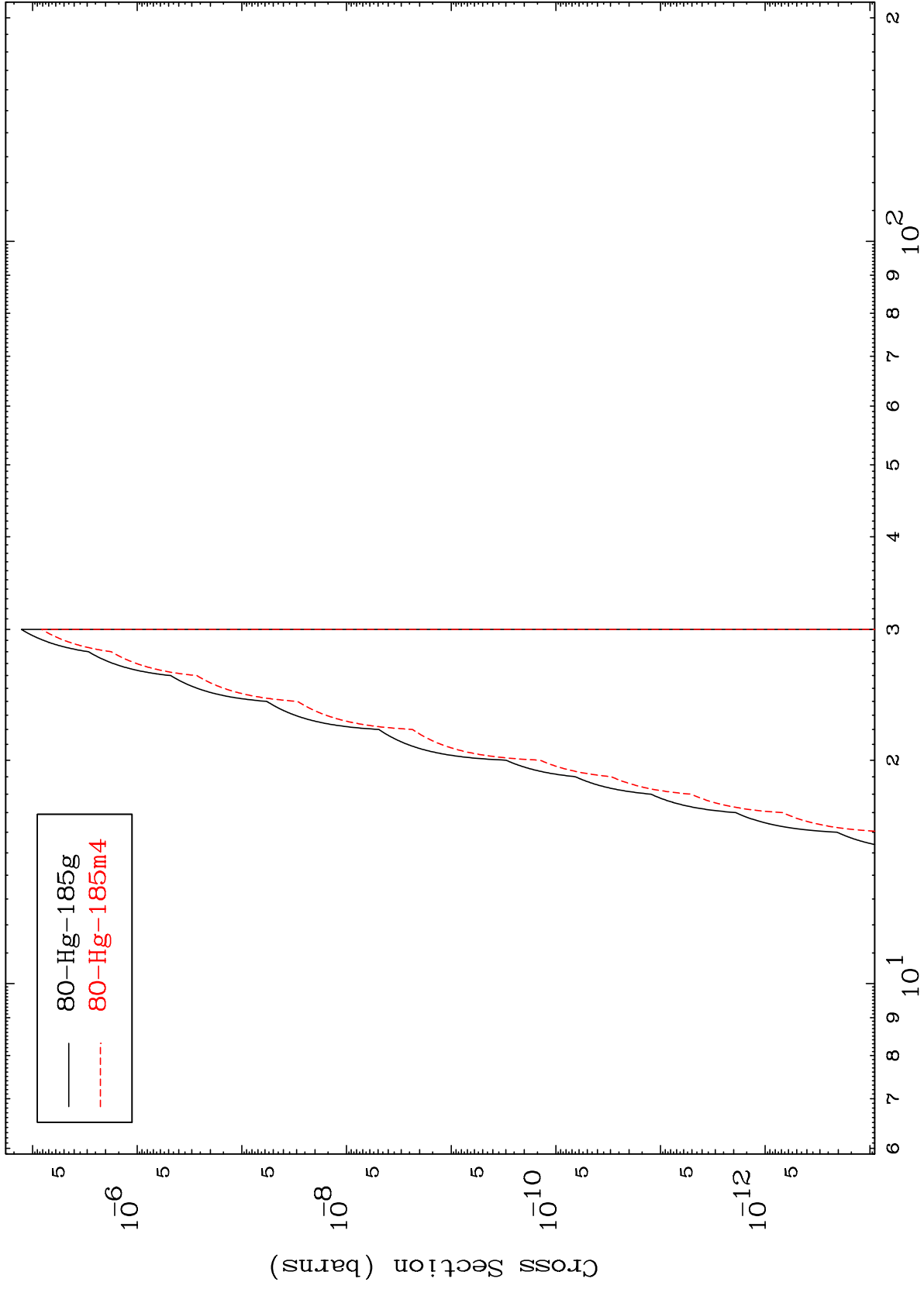
81-Tl-185g  
81-Tl-185m3

MAT 8077

(n,n') He-3

81-Tl-187

Radionuclide Production Cross Section



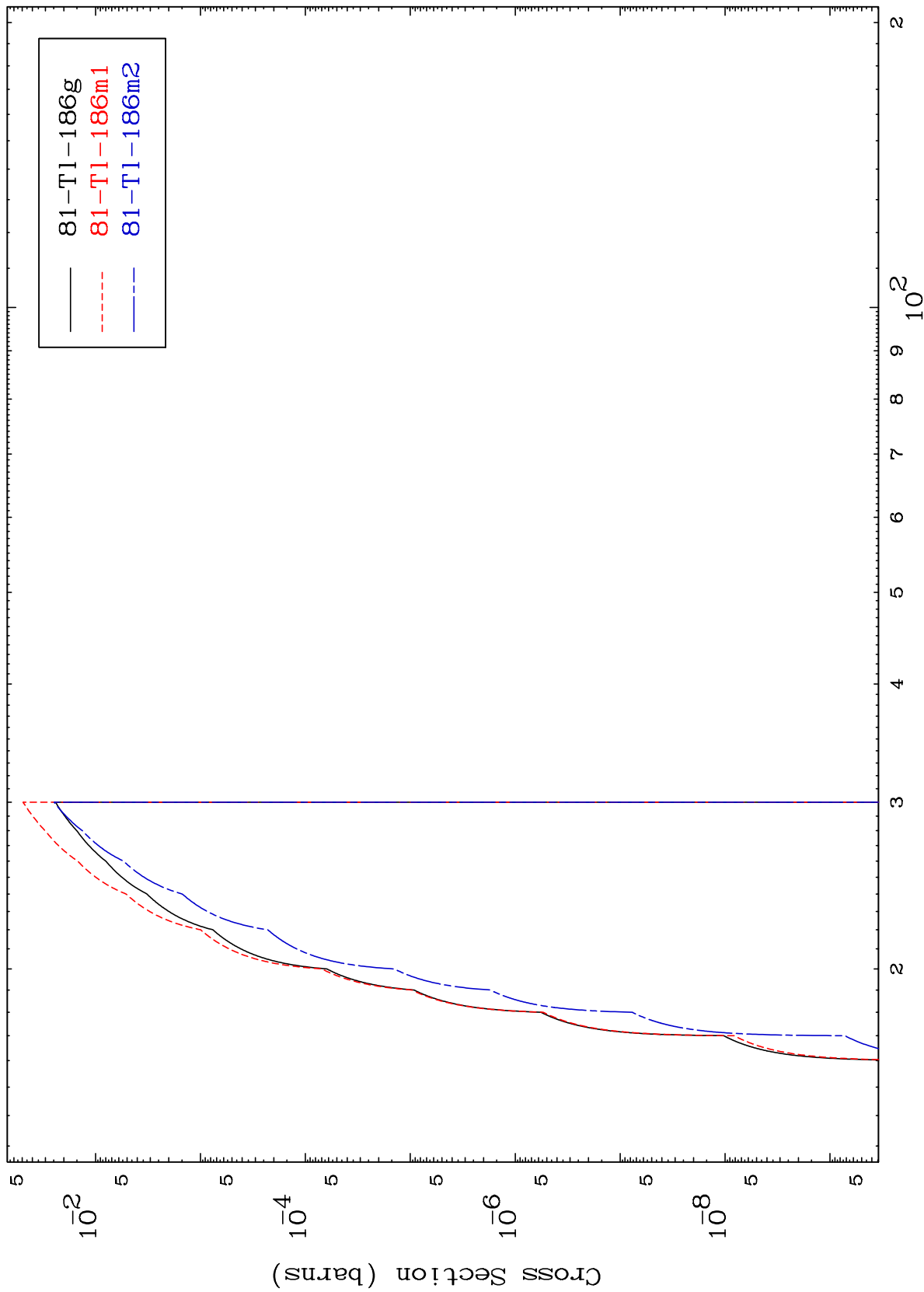
80-Hg-185g  
80-Hg-185m4

19

Incident Energy (MeV)

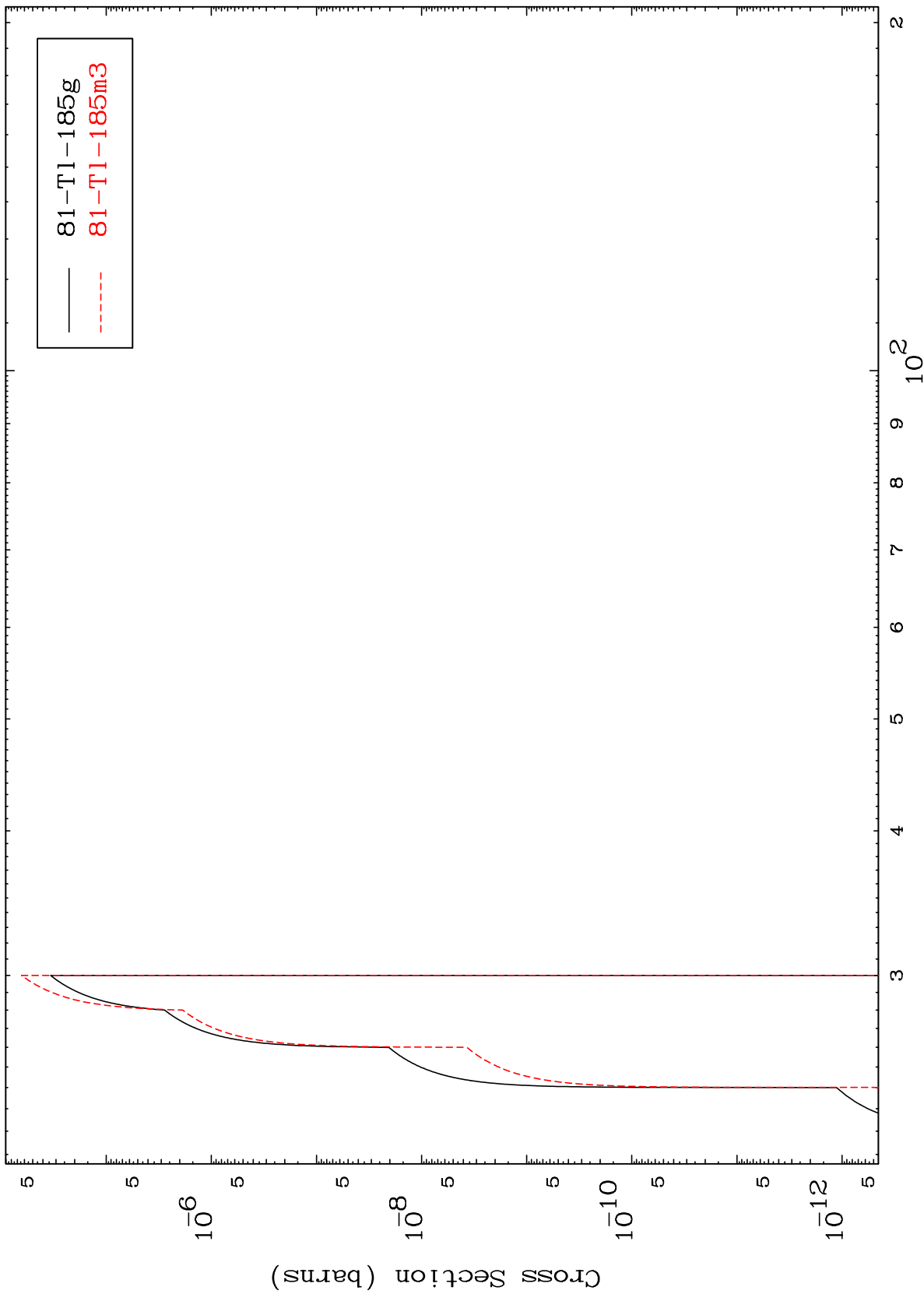
81-Tl-187

Radionuclide Production Cross Section



81-Tl-186g  
81-Tl-186m1  
81-Tl-186m2

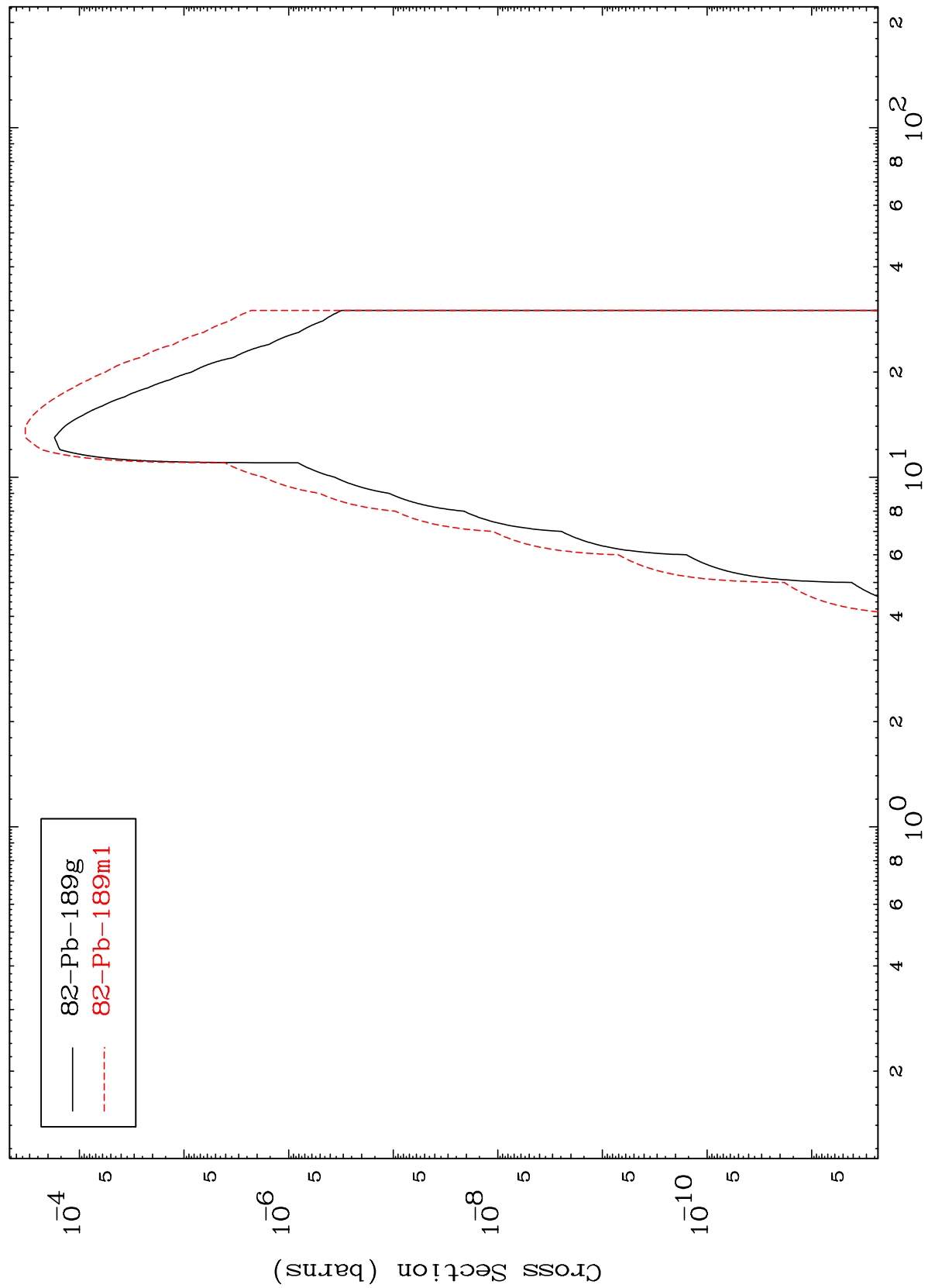
Radionuclide Production Cross Section



MAT 8077

81-Tl-187

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



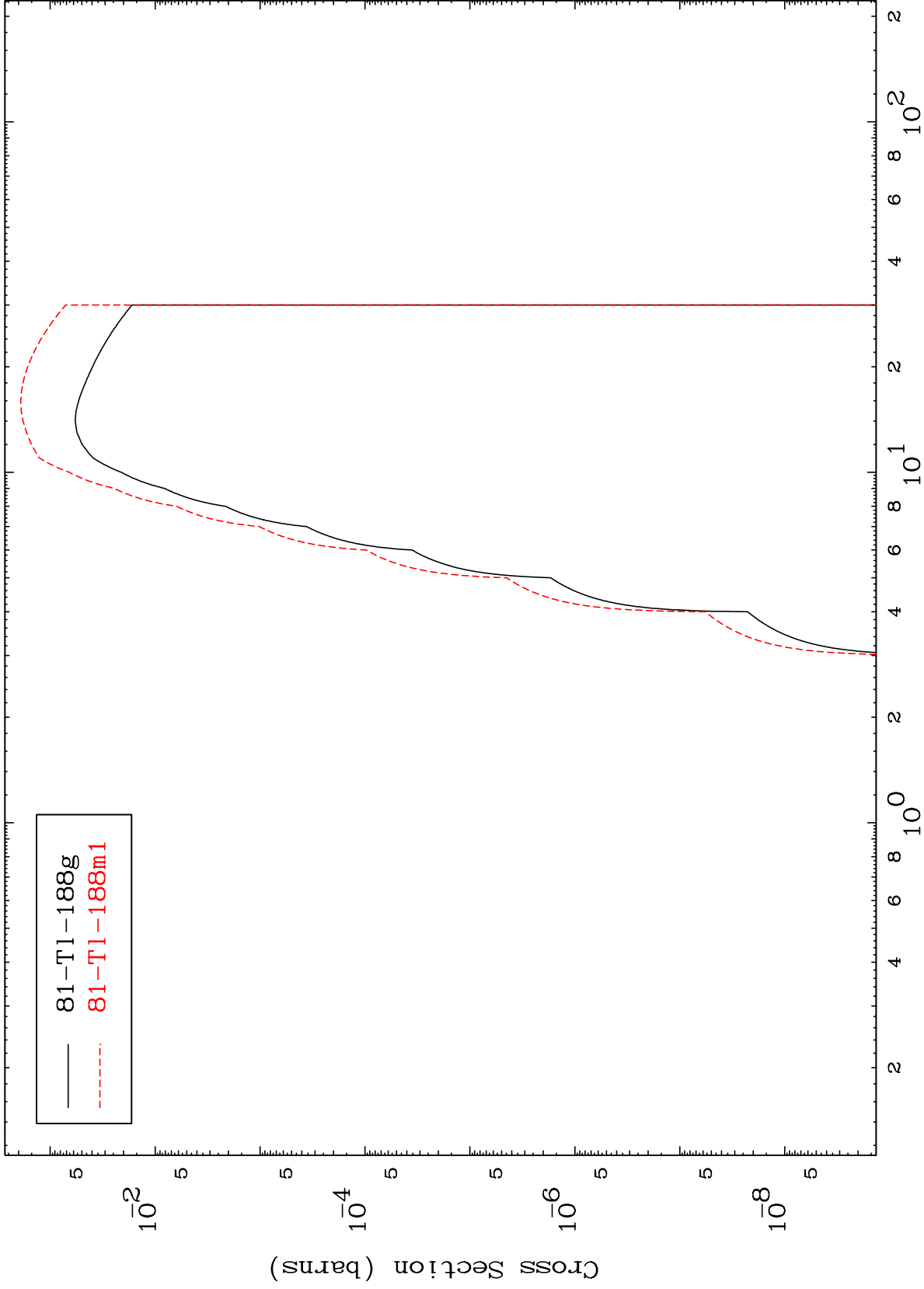
81-Tl-187

Incident Energy (MeV)

MAT 8077

81-Tl-187

(n,p)  
Radionuclide Production Cross Section



81-Tl-187

Incident Energy (MeV)

23

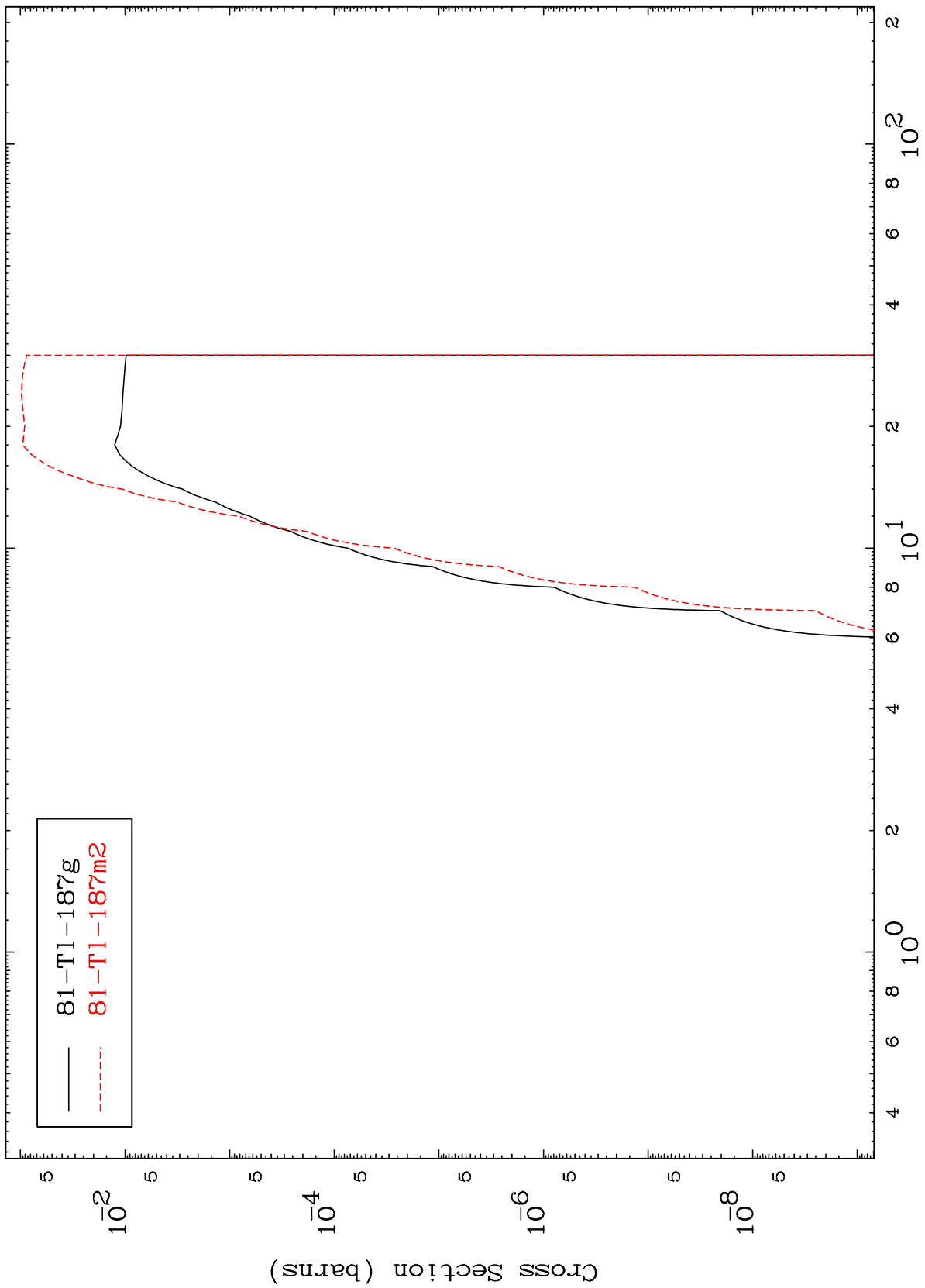


MAT 8077

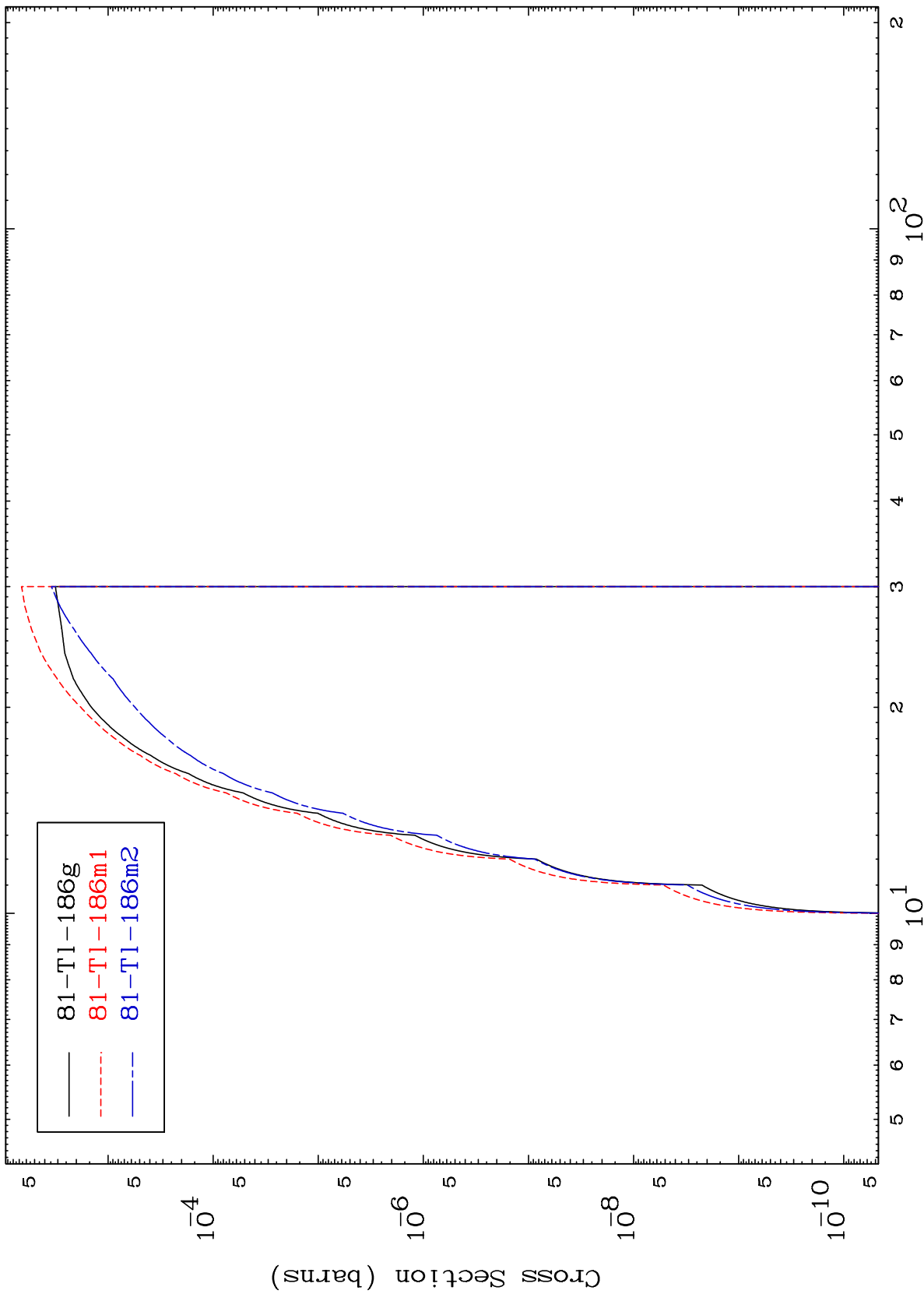
(n,d)

81-Tl-187

Radionuclide Production Cross Section



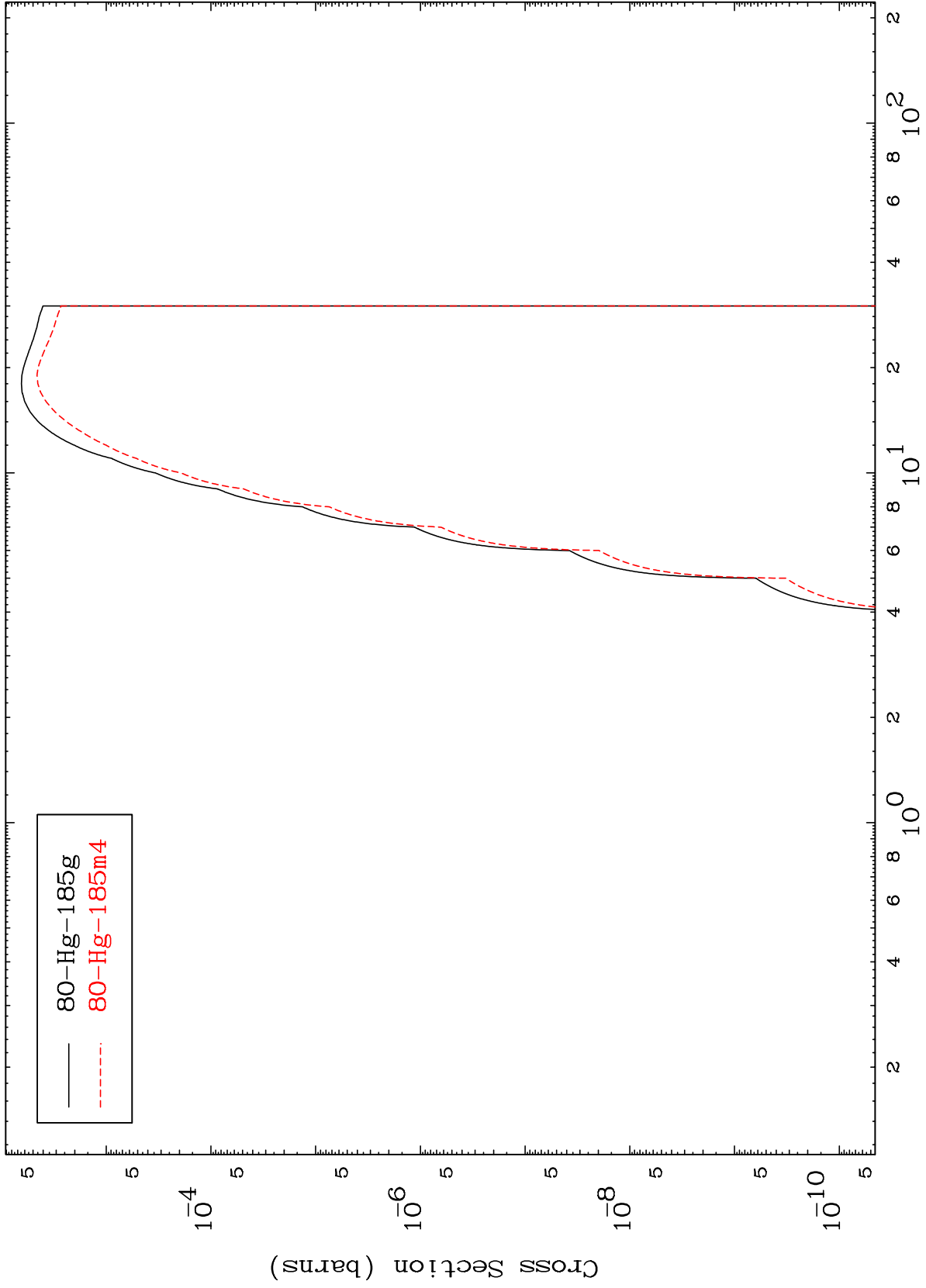
(n, t)  
Radionuclide Production Cross Section



MAT 8077

81-Tl-187

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



26

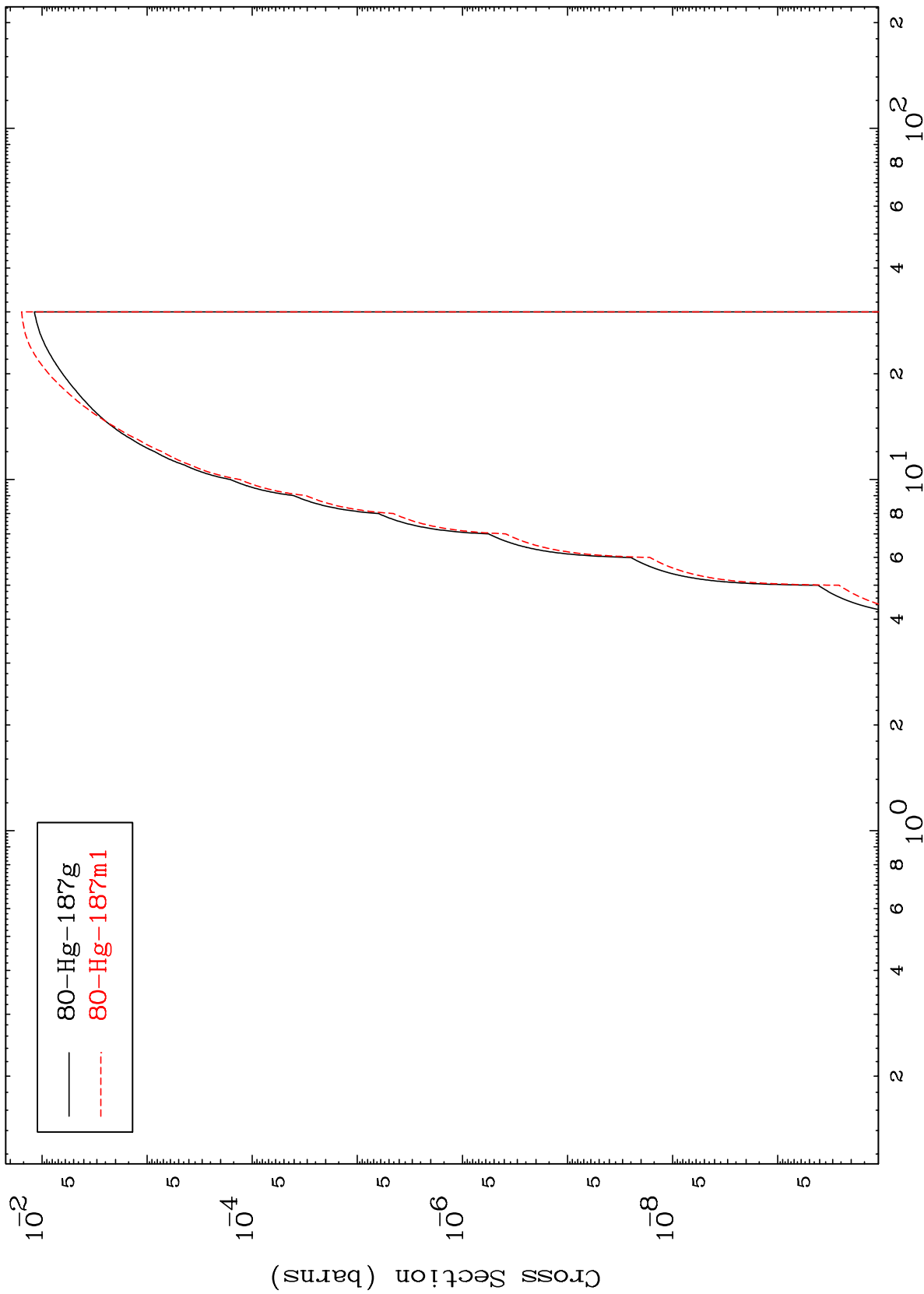
81-Tl-187

Incident Energy (MeV)

MAT 8077

81-Tl-187

(n,2p)  
Radionuclide Production Cross Section



81-Tl-187

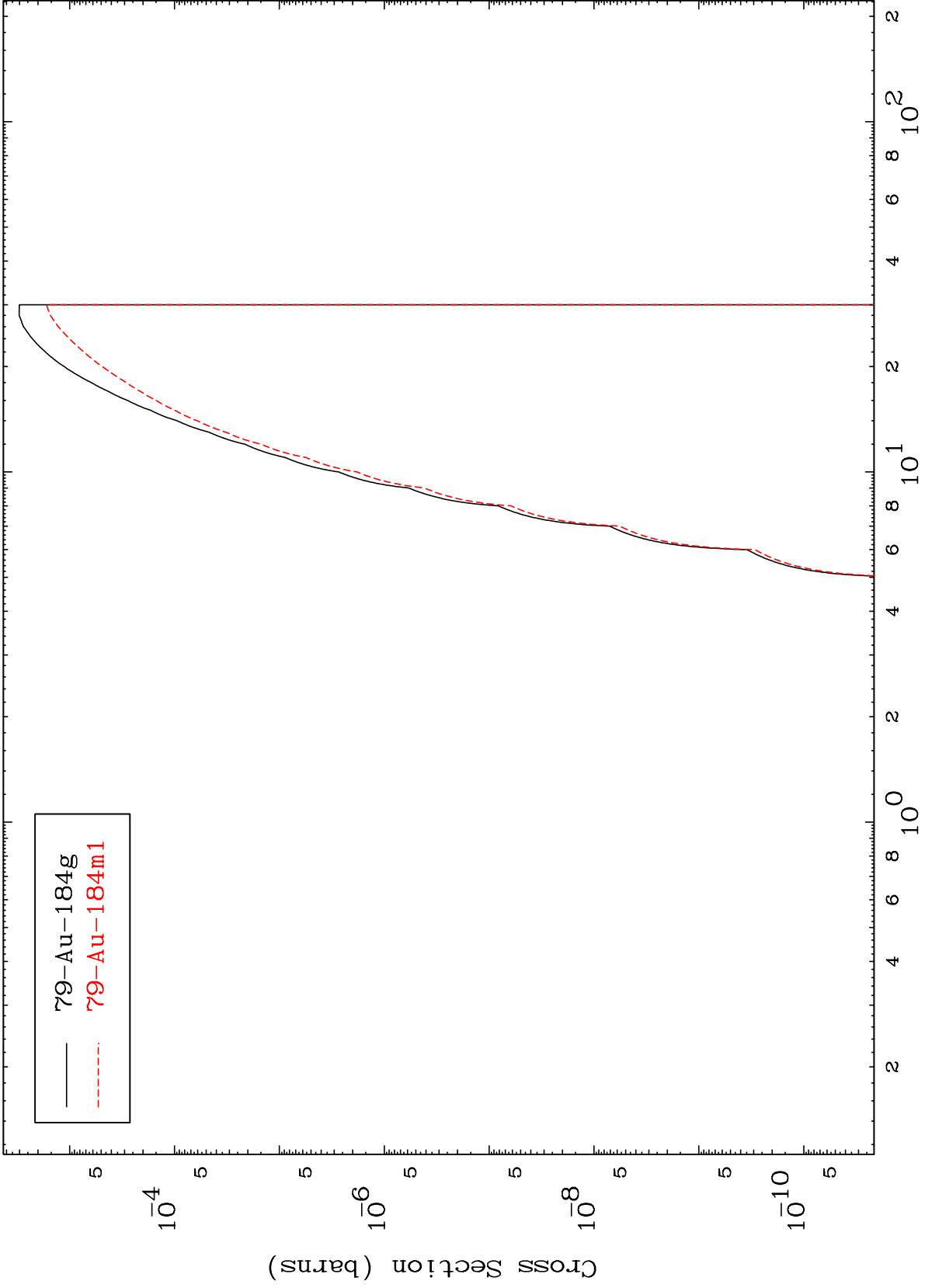
Incident Energy (MeV)

MAT 8077

(n,p)  $\alpha$

81-Tl-187

Radionuclide Production Cross Section

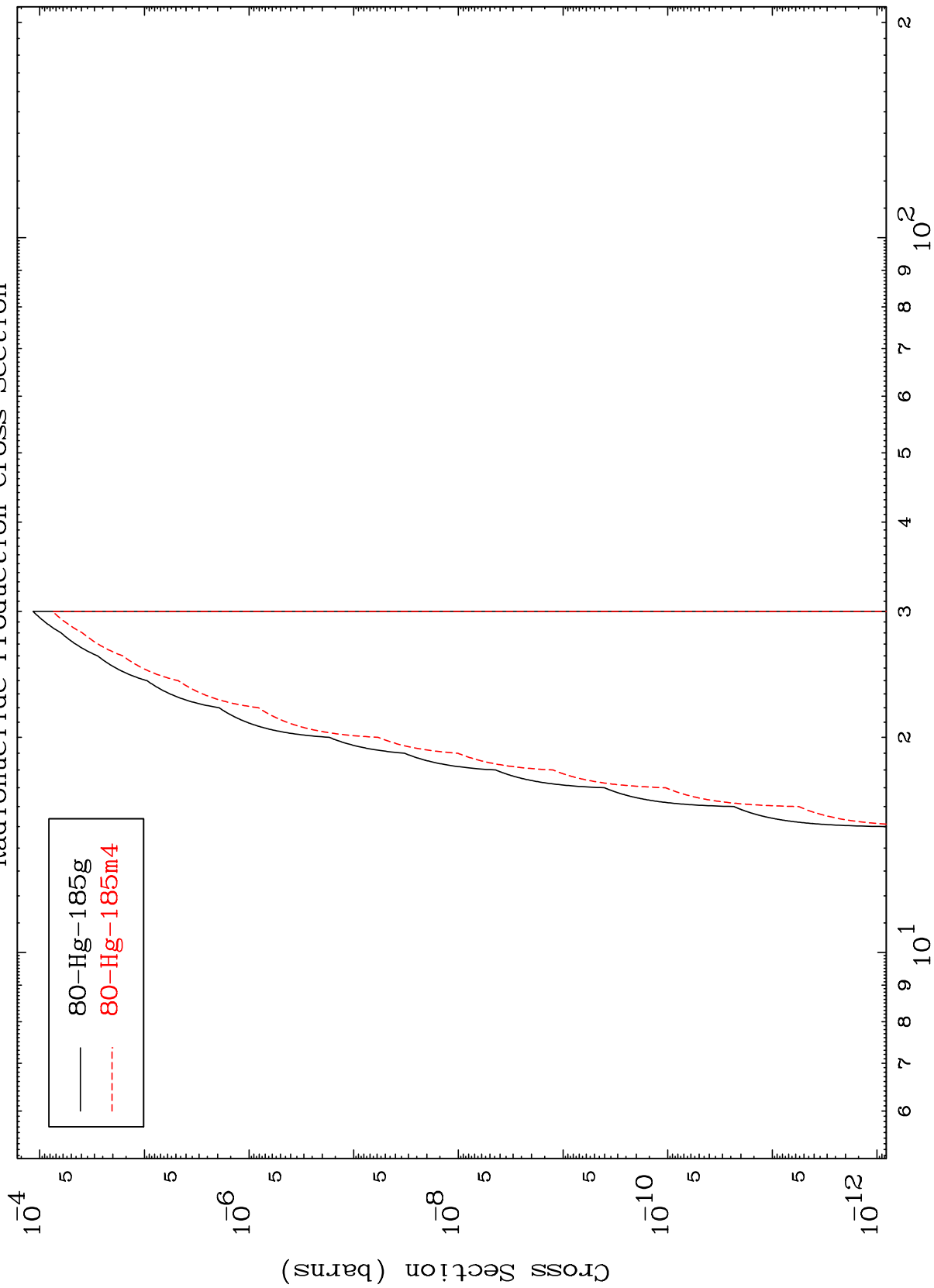


MAT 8077

(n,p) t

81-Tl-187

Radionuclide Production Cross Section



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Incident Energy (MeV)

81-Tl-187