

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

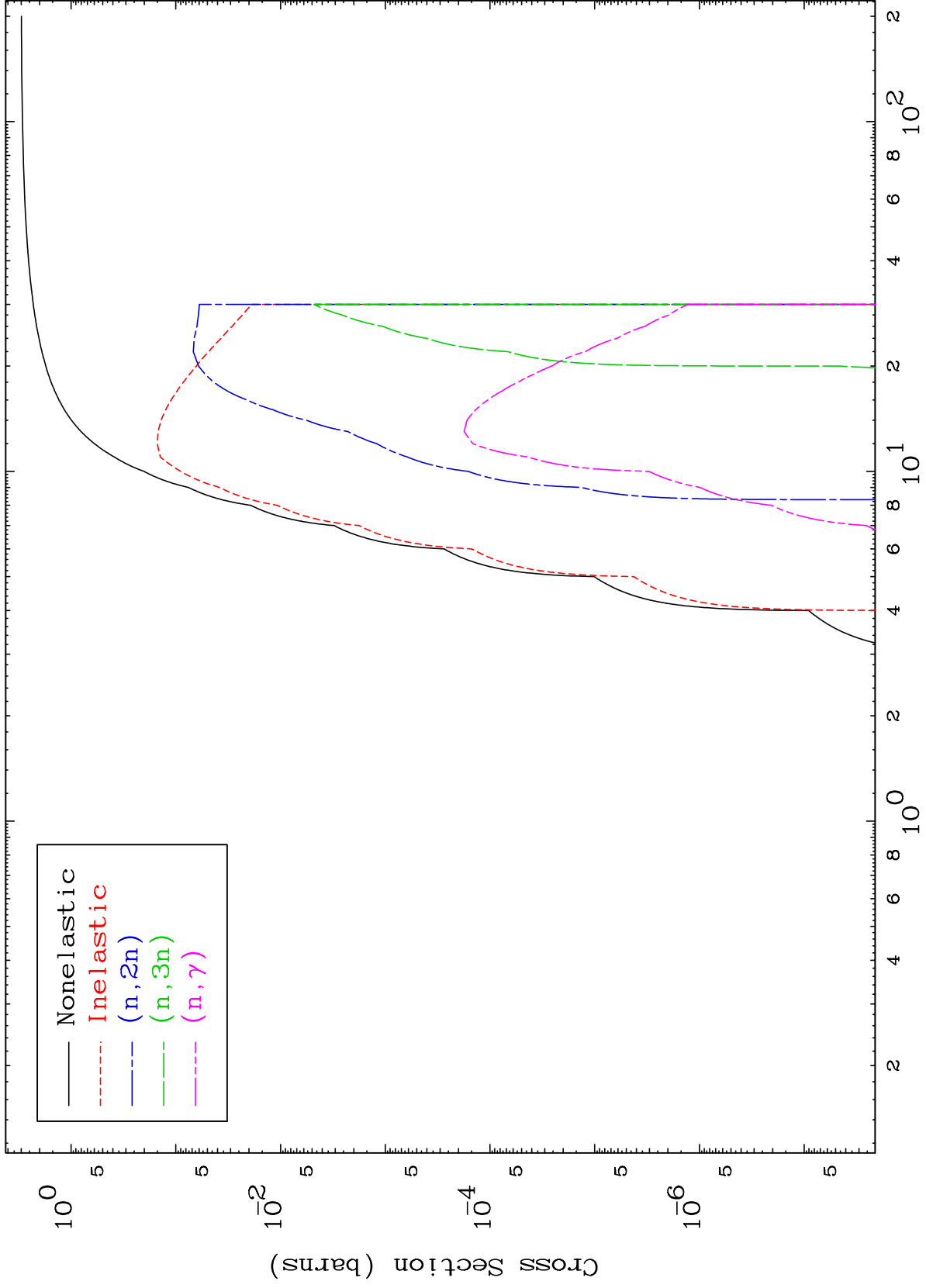
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

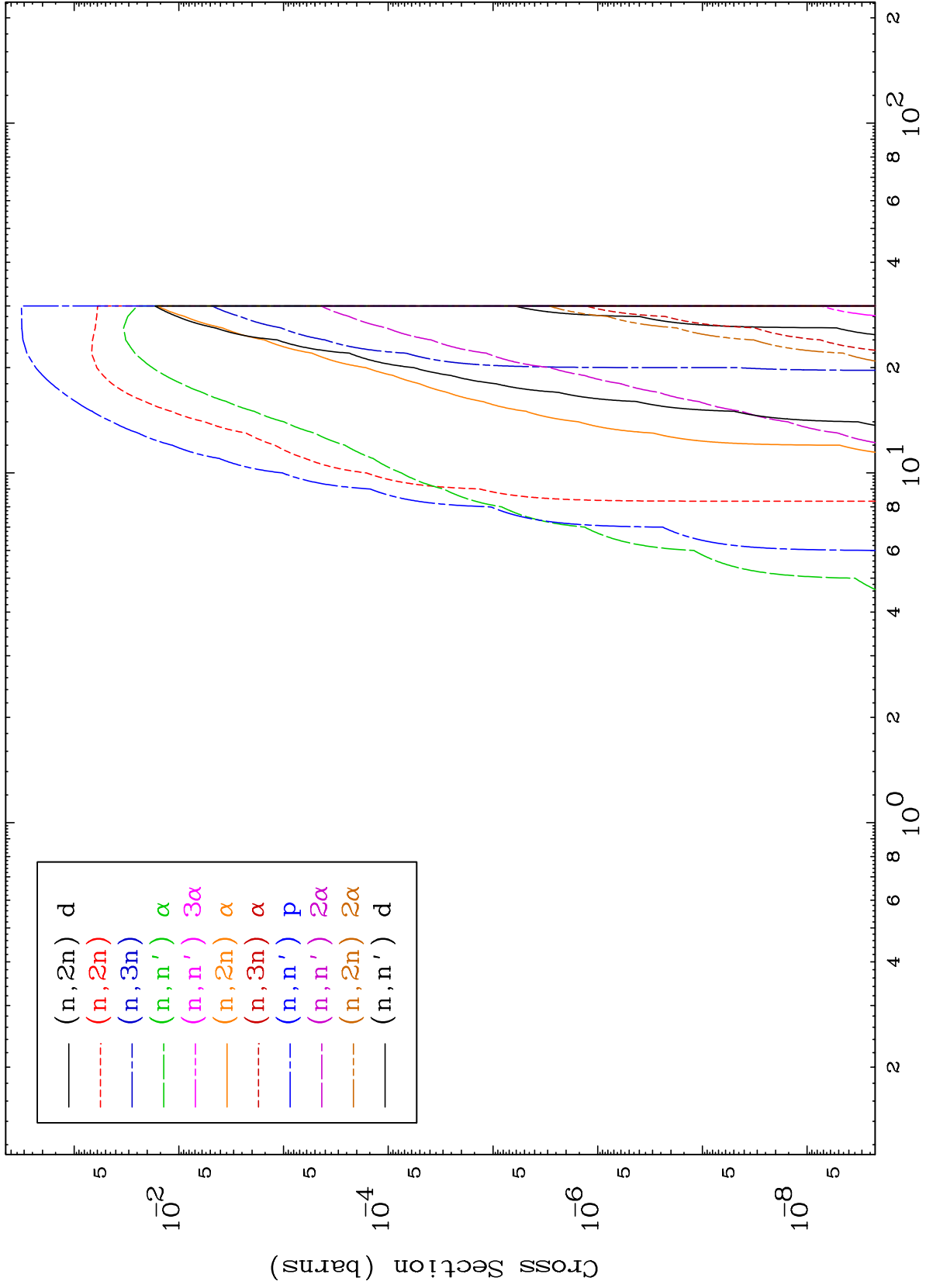
Tele: 925-443-1911

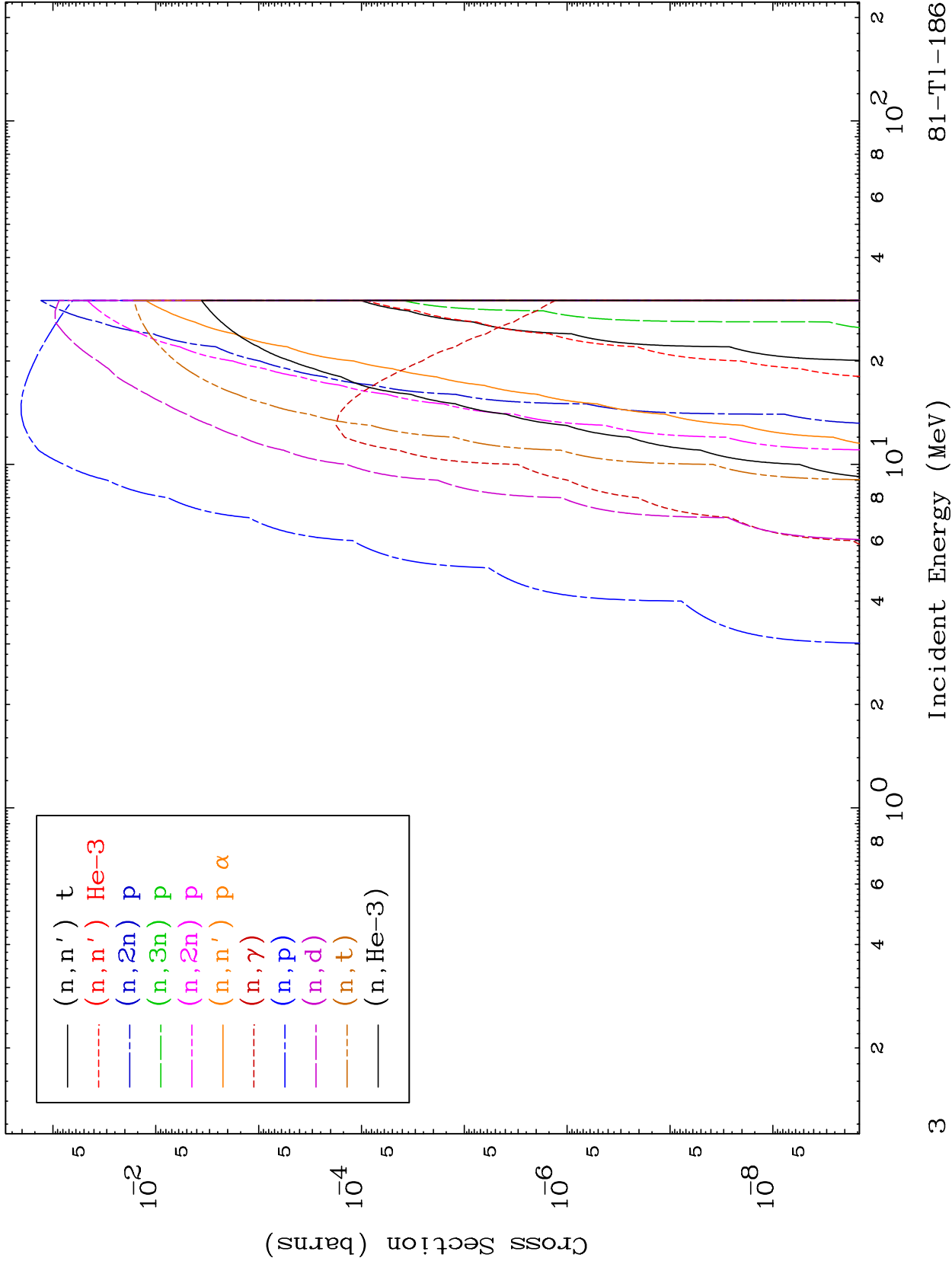
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

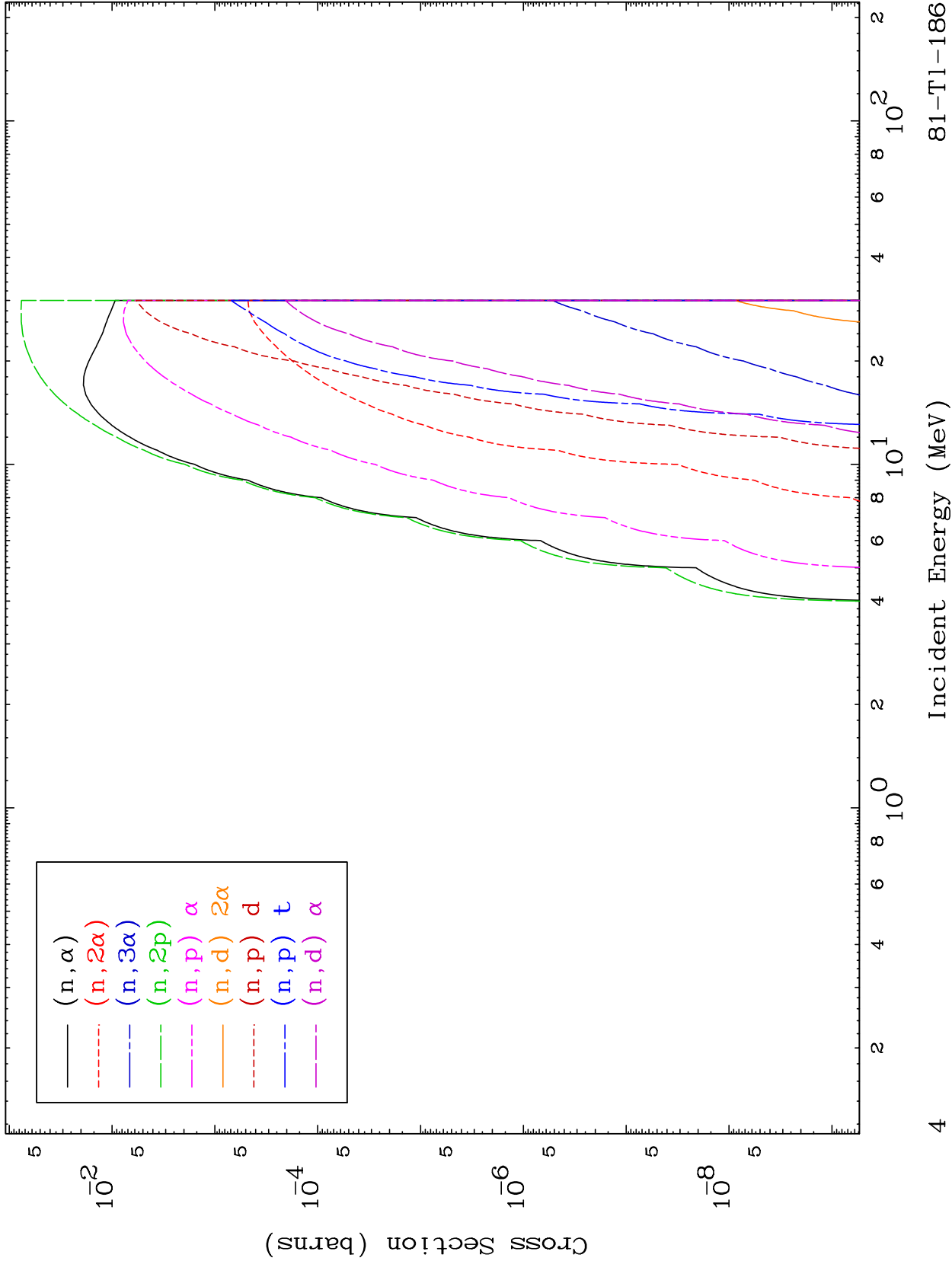
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

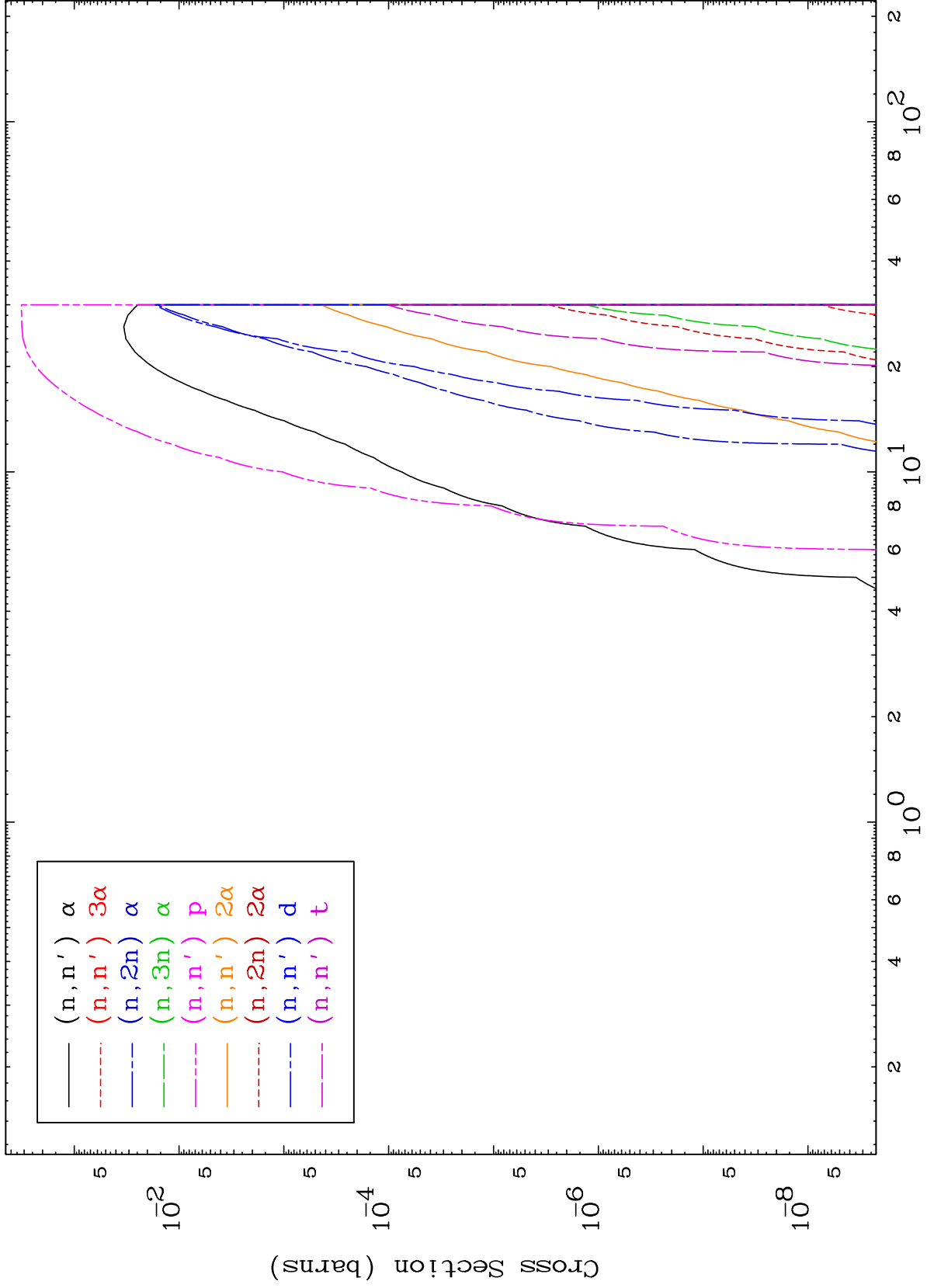
Press Mouse Button to Start

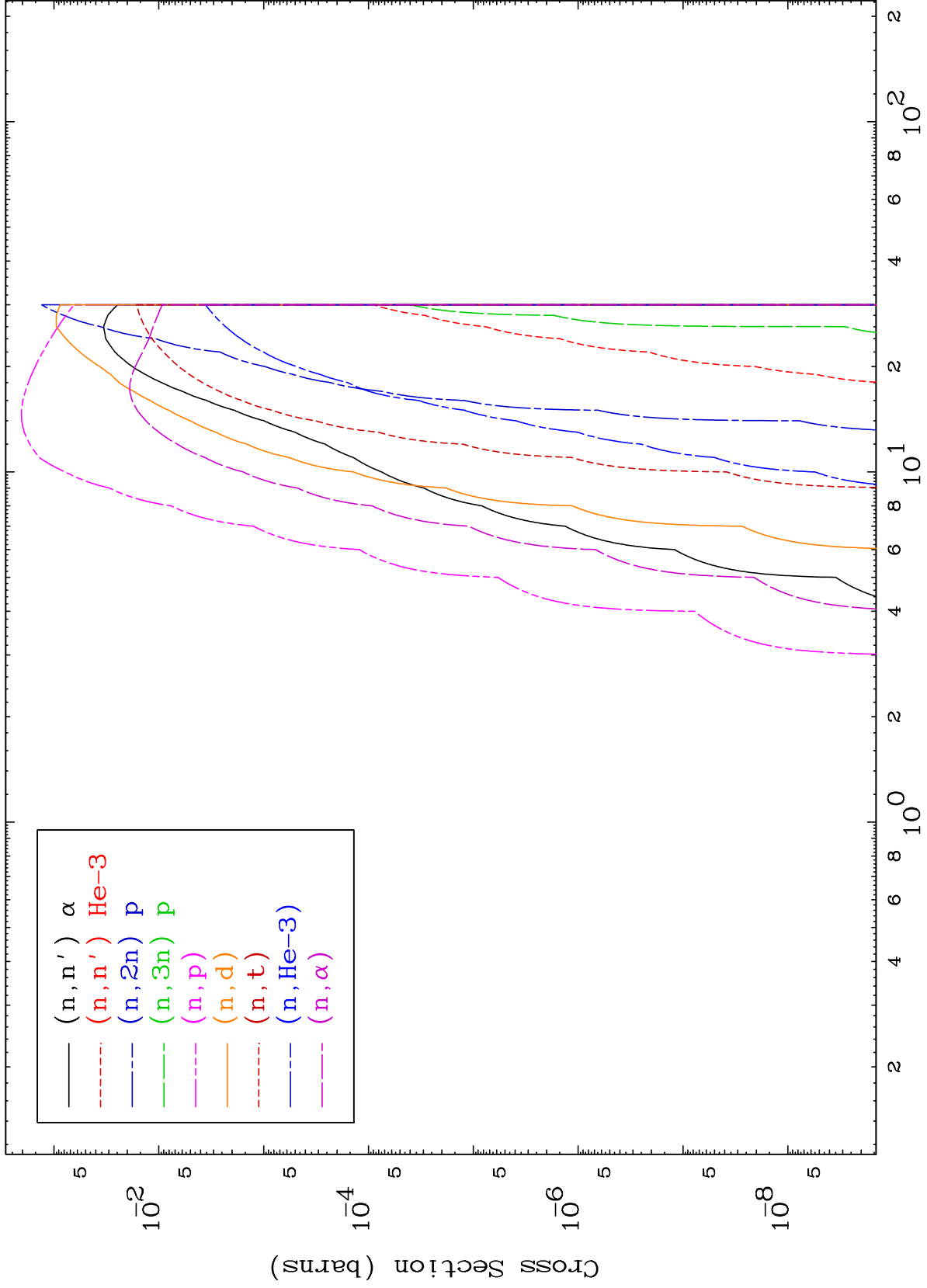


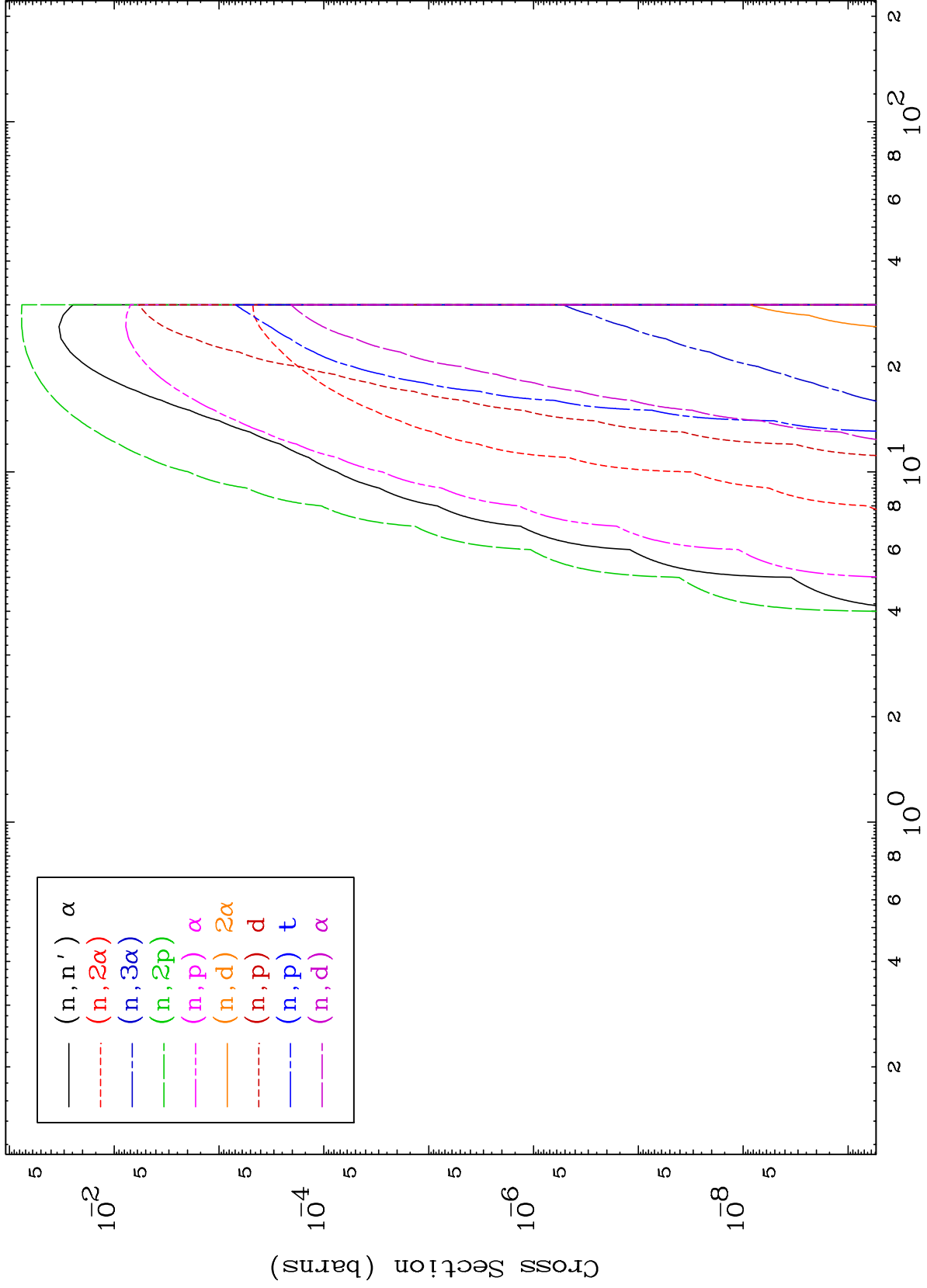










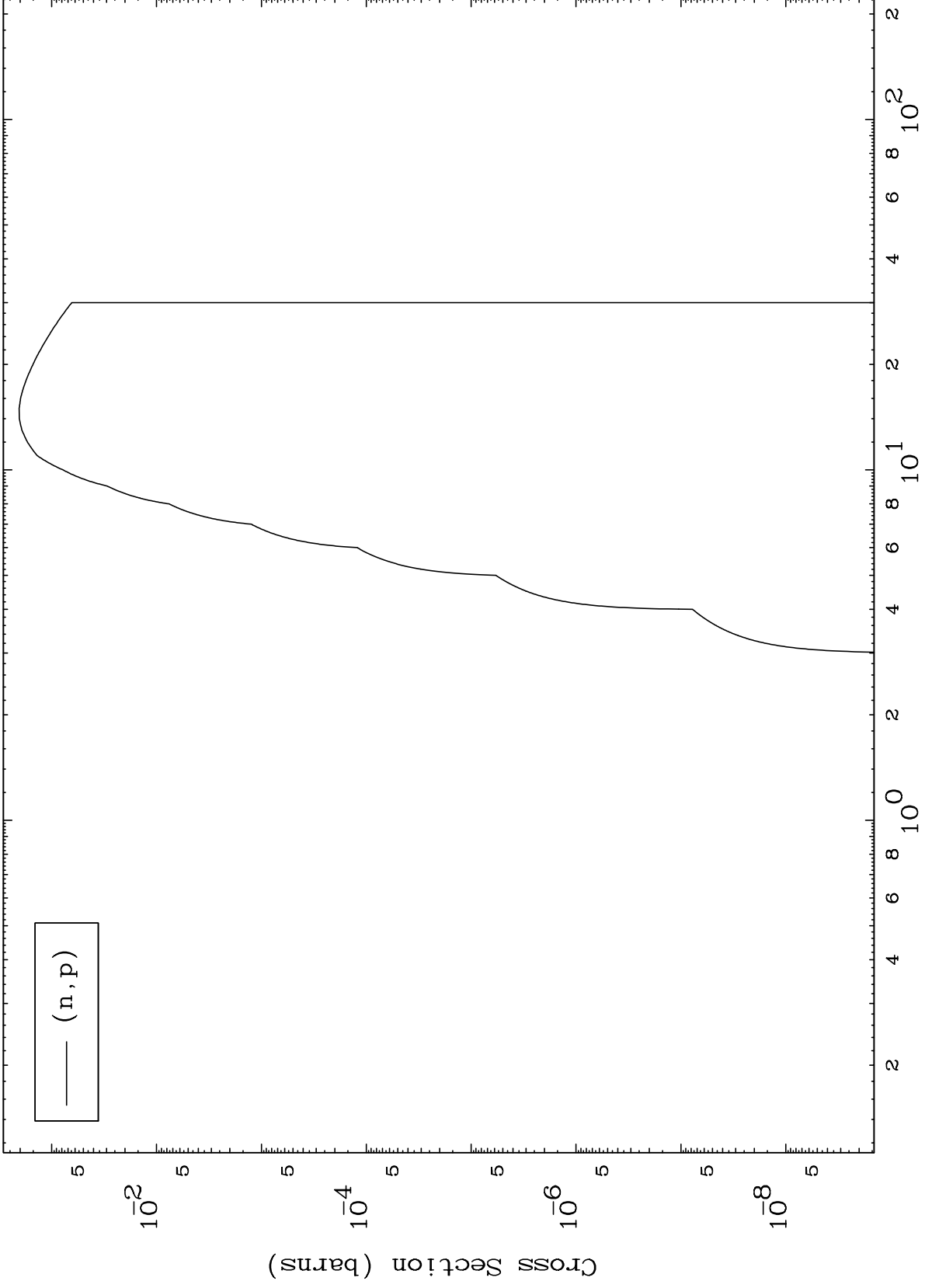


MAT 8074

(d,p) Levels

81-Tl-186

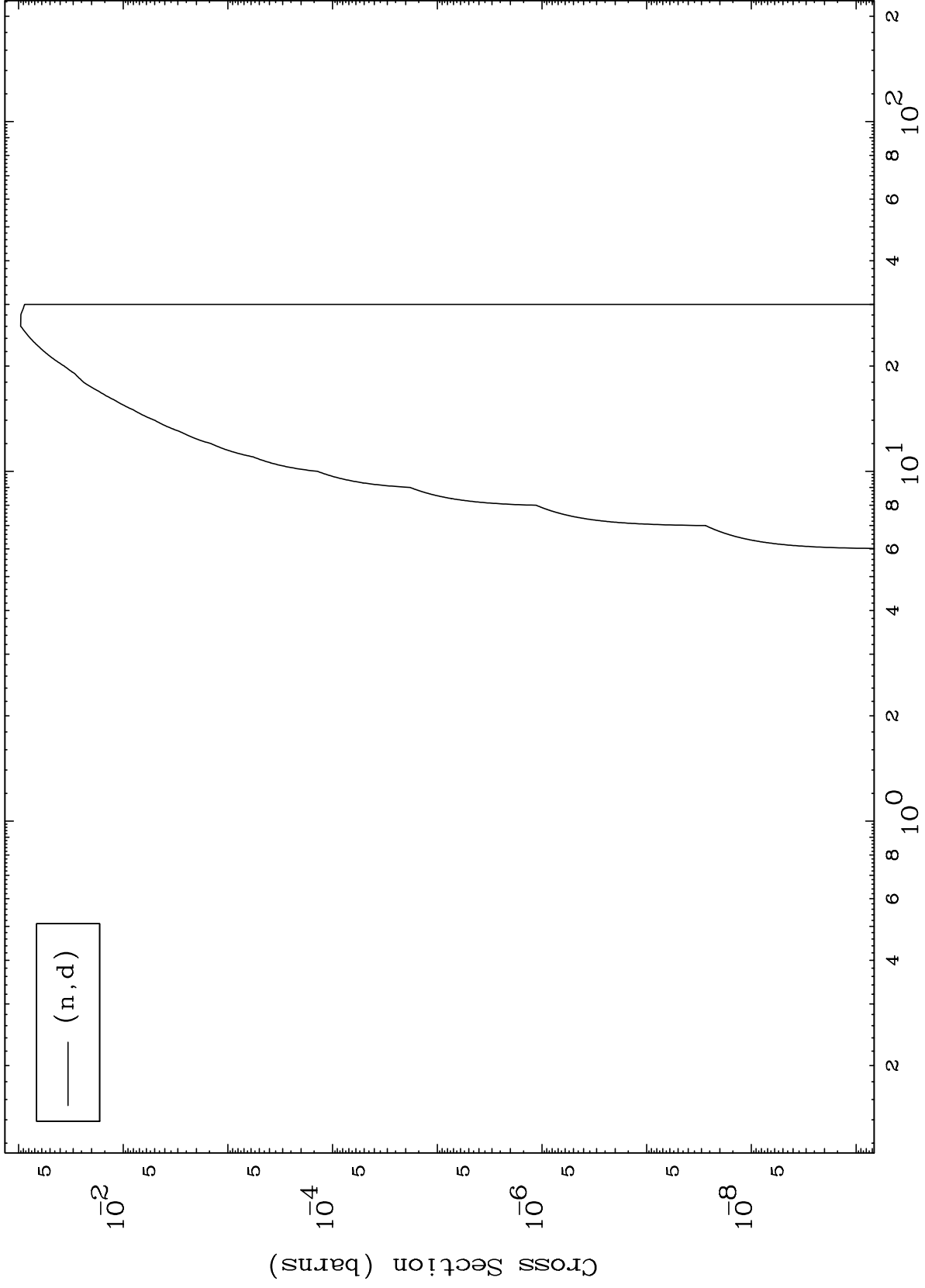
0 Kelvin Cross Sections



MAT 8074

(d,d) Levels  
0 Kelvin Cross Sections

81-Tl-186



9

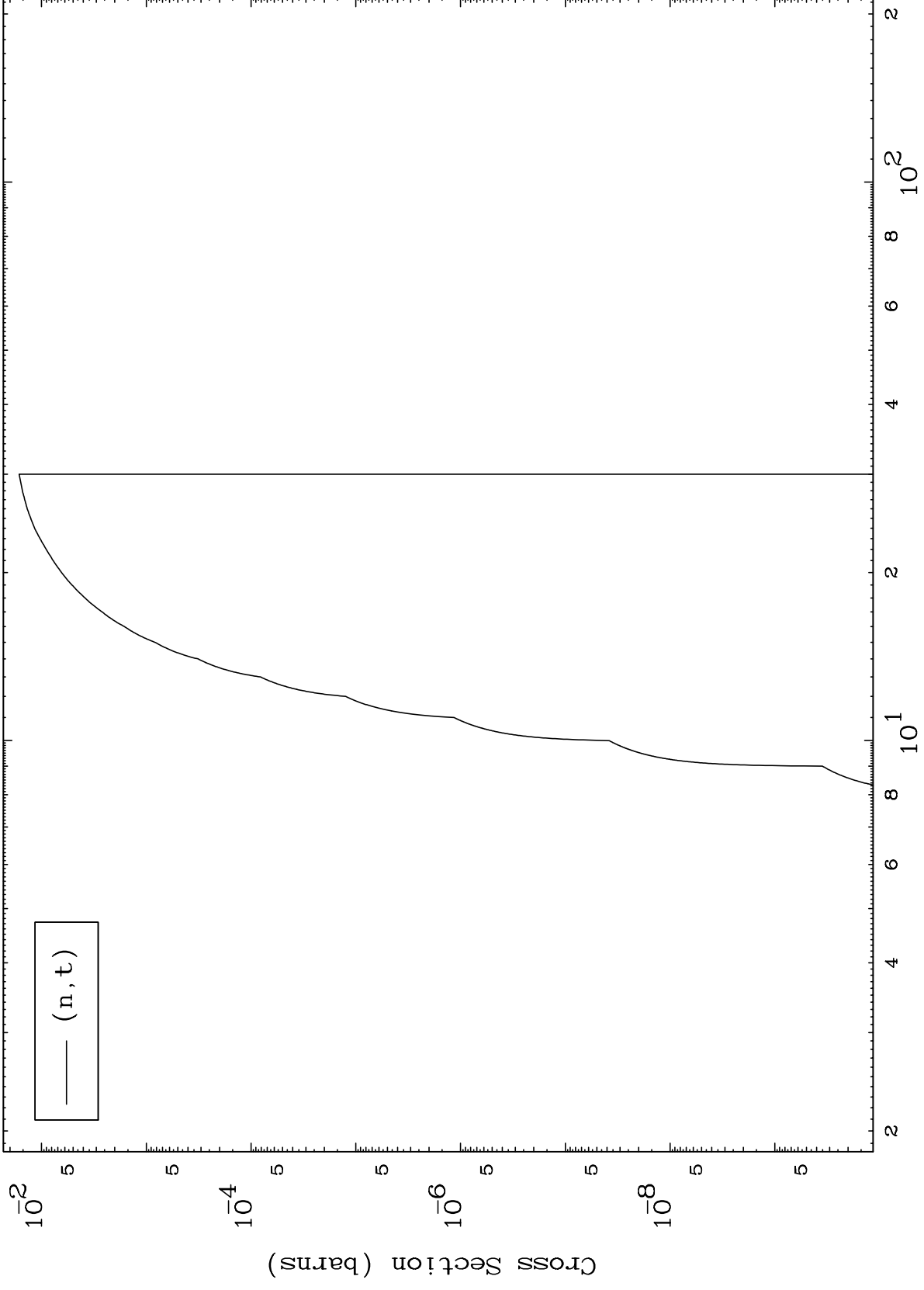
Incident Energy (MeV)

81-Tl-186

MAT 8074

(d,t) Levels  
0 Kelvin Cross Sections

81-Tl-186



10

Incident Energy (MeV)

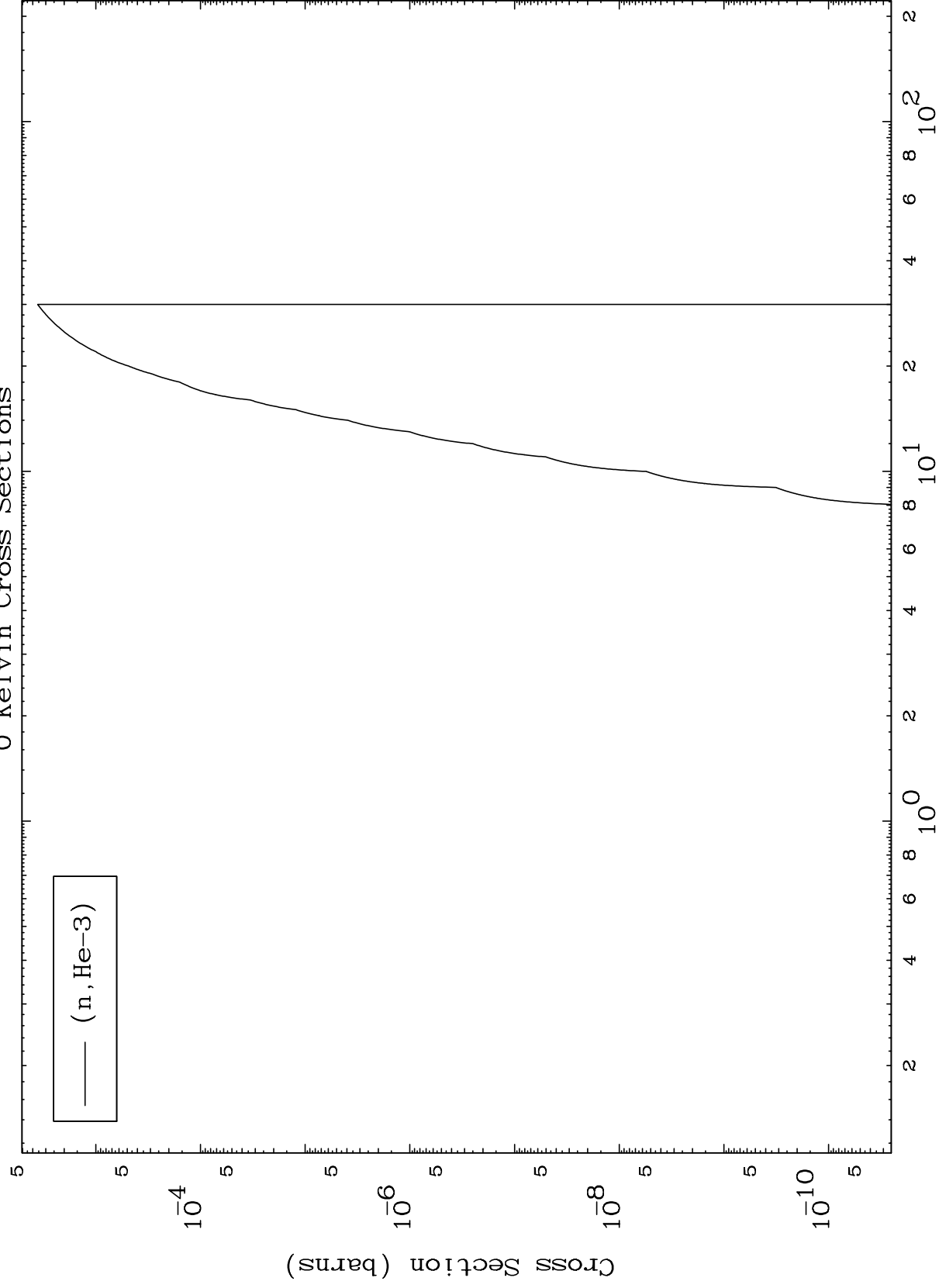
81-Tl-186

MAT 8074

(d,He3) Levels

81-Tl-186

0 Kelvin Cross Sections



11

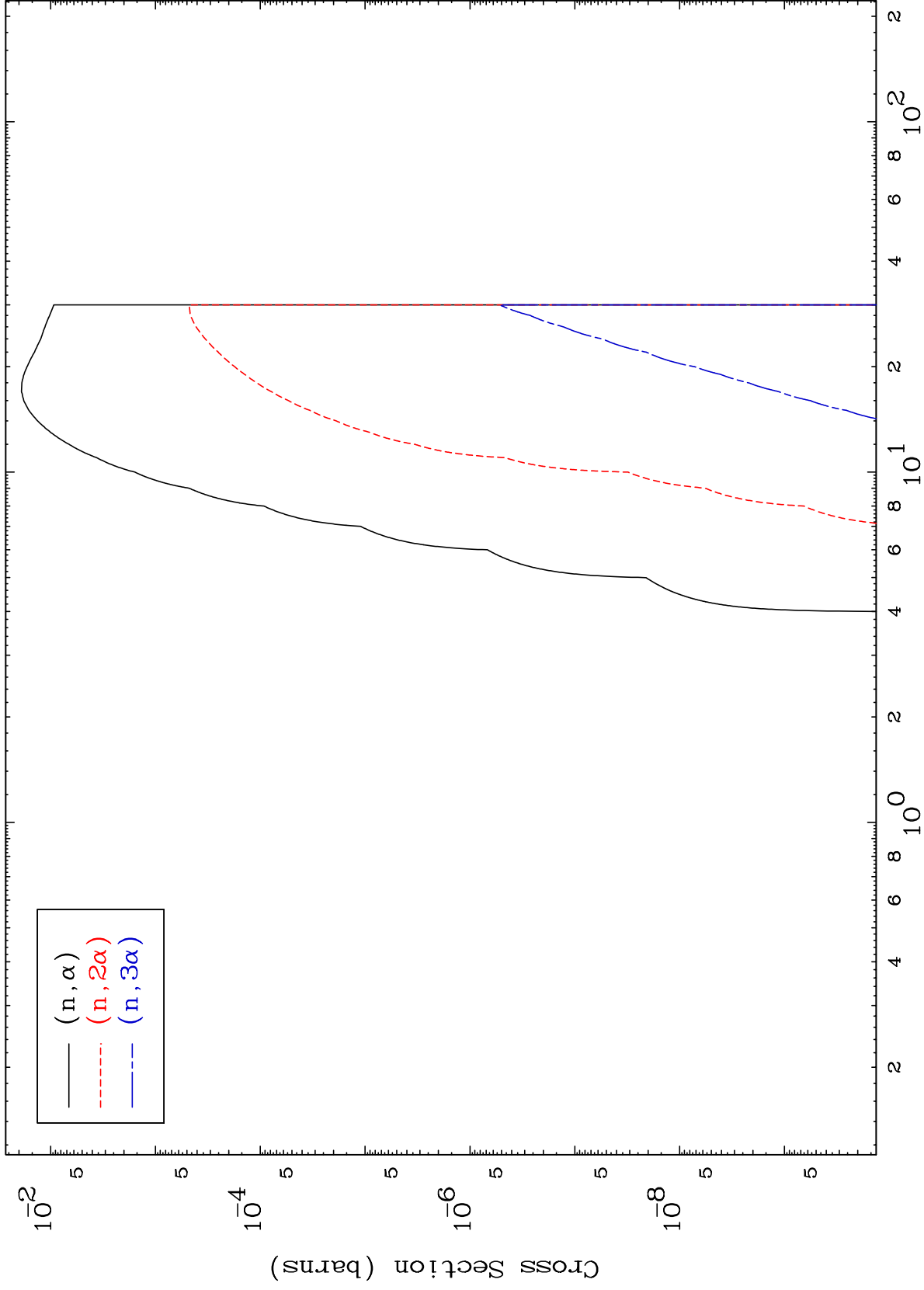
Incident Energy (MeV)

81-Tl-186

MAT 8074

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

81-Tl-186



12

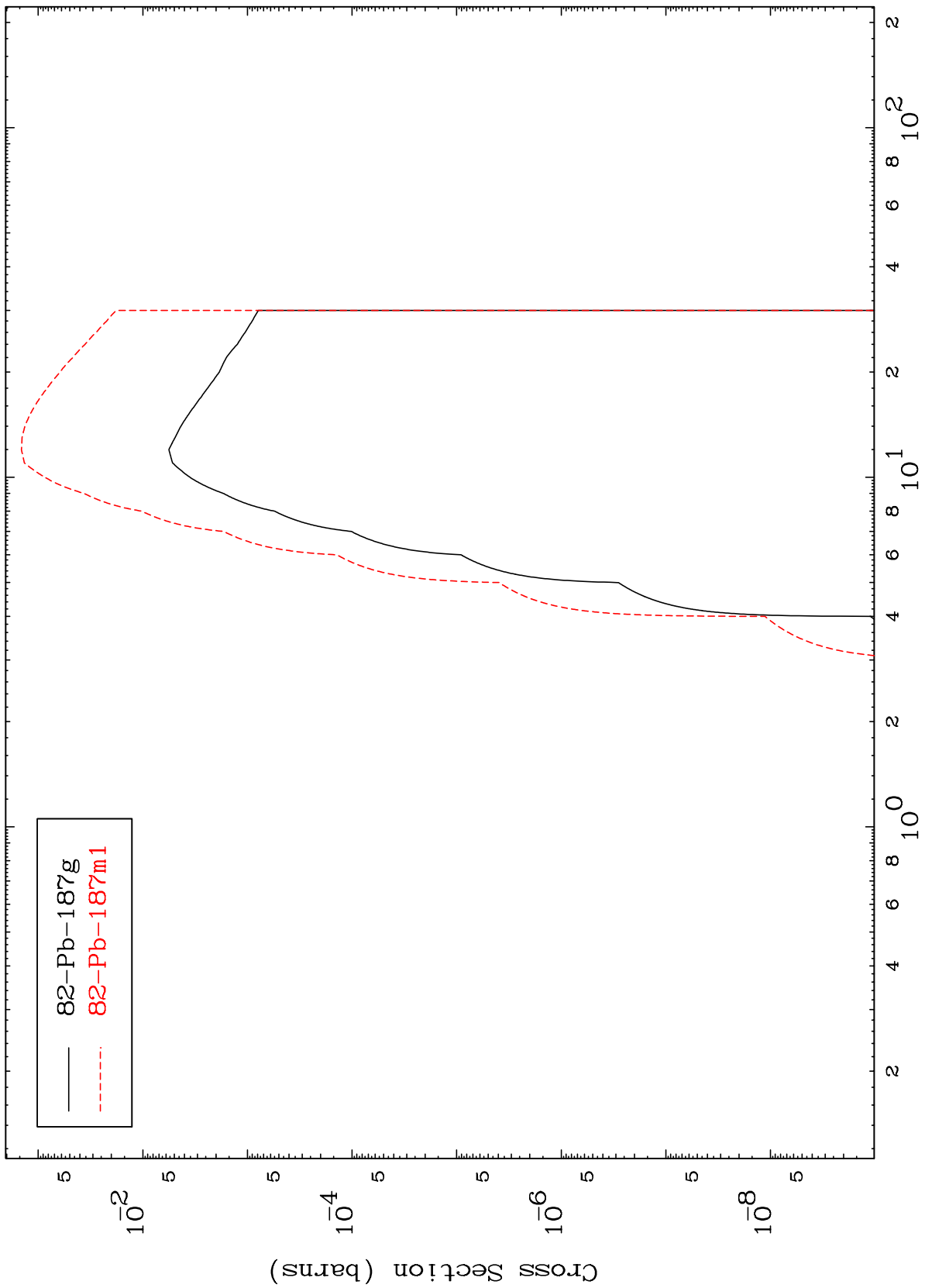
Incident Energy (MeV)

81-Tl-186

MAT 8074

81-Tl-186

Radionuclide Production Cross Section



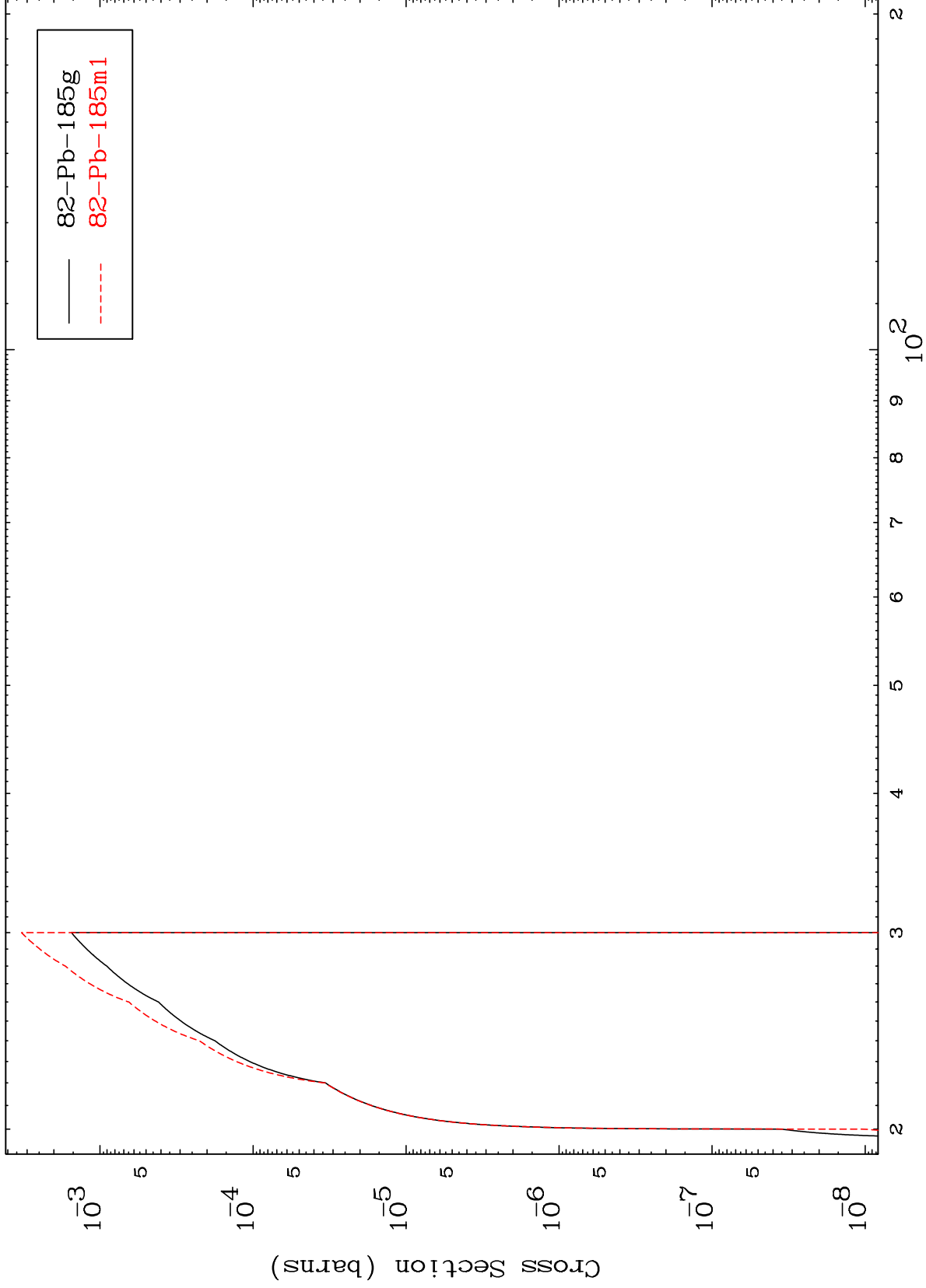
— 82-Pb-187g  
- - - 82-Pb-187m1

MAT 8074

(n,3n)

81-Tl-186

Radionuclide Production Cross Section



14

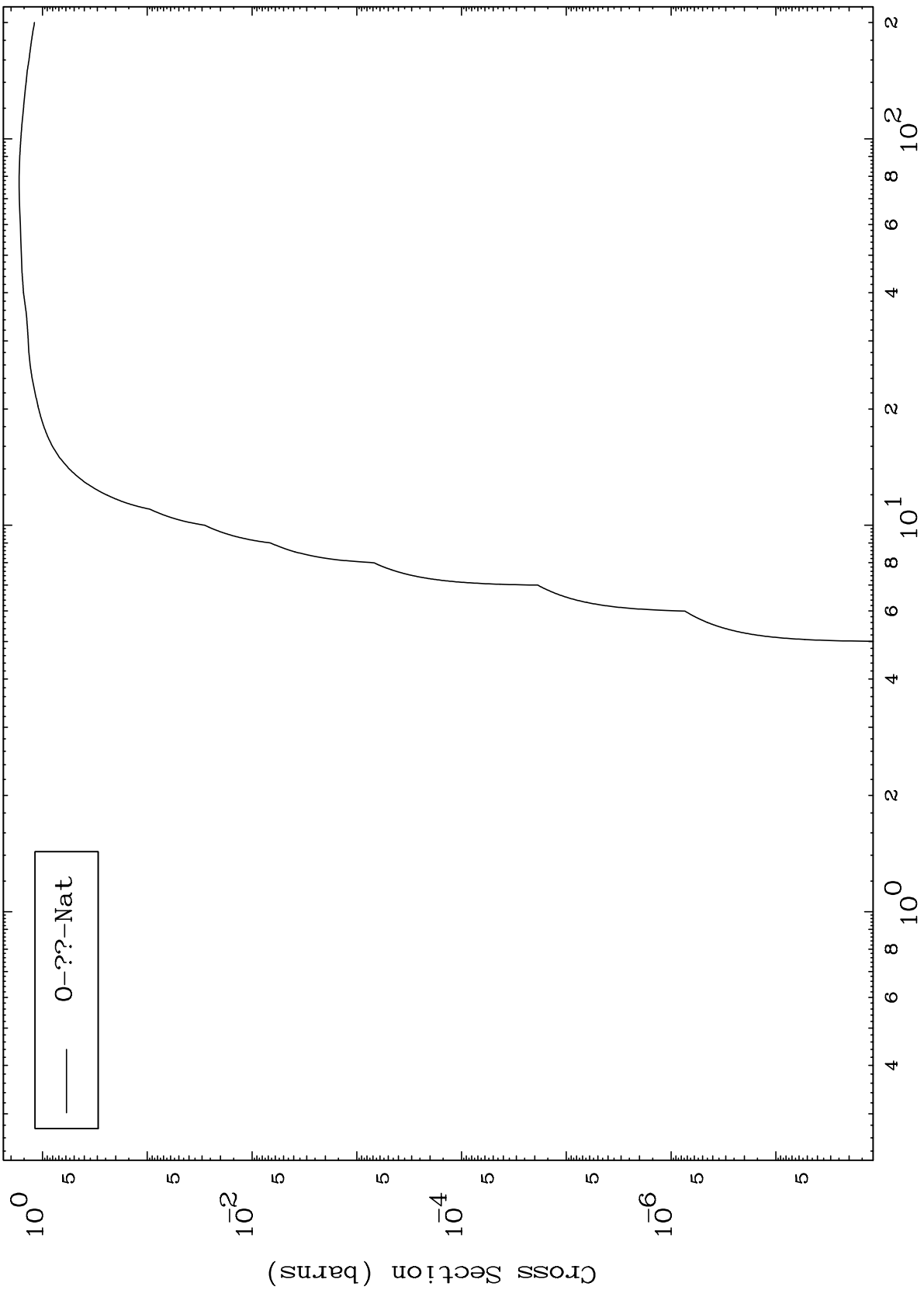
Incident Energy (MeV)

81-Tl-186

MAT 8074

81-Tl-186

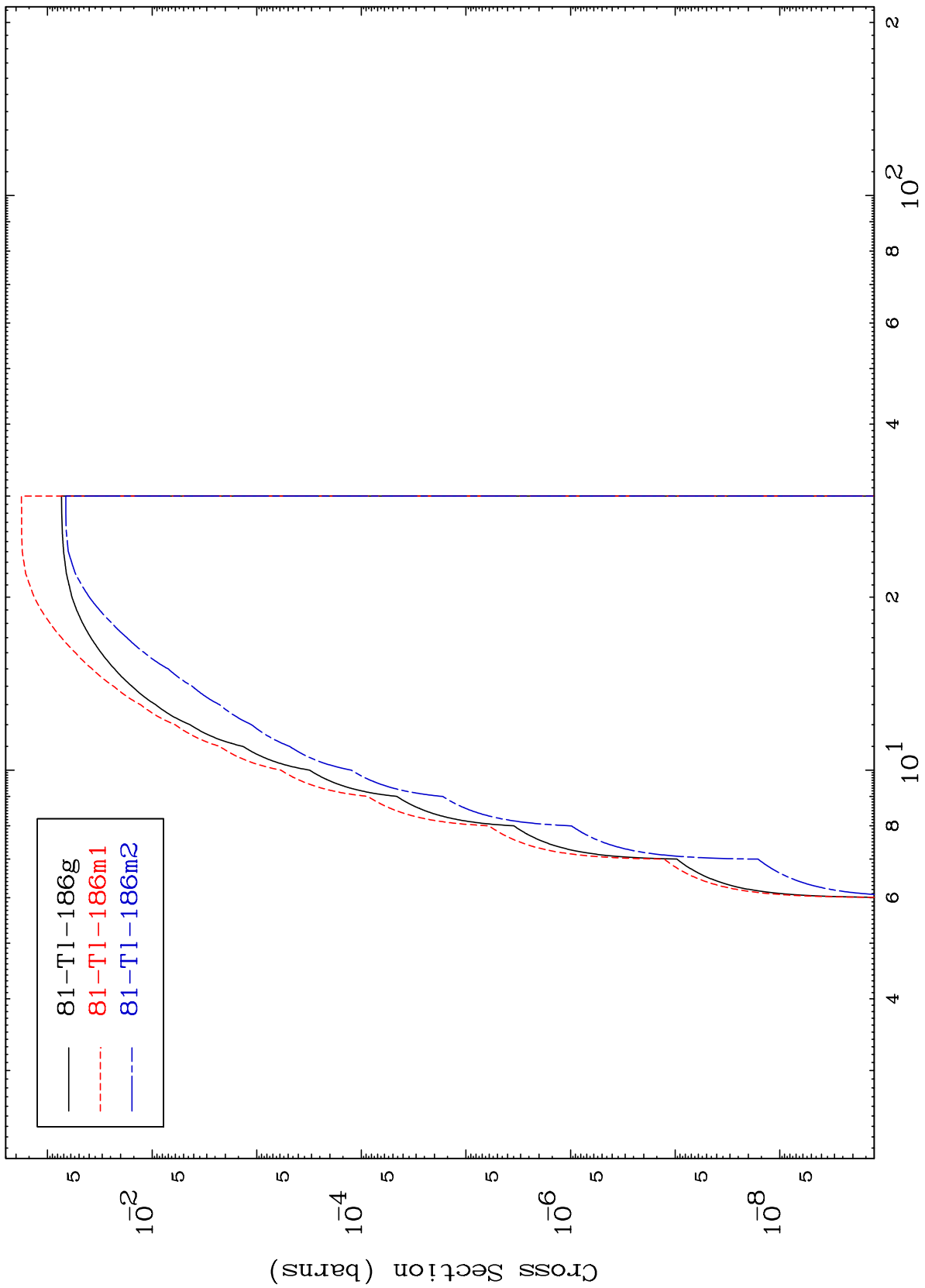
Fission  
Radionuclide Production Cross Section



81-Tl-186

Incident Energy (MeV)

(n,n') p  
Radionuclide Production Cross Section

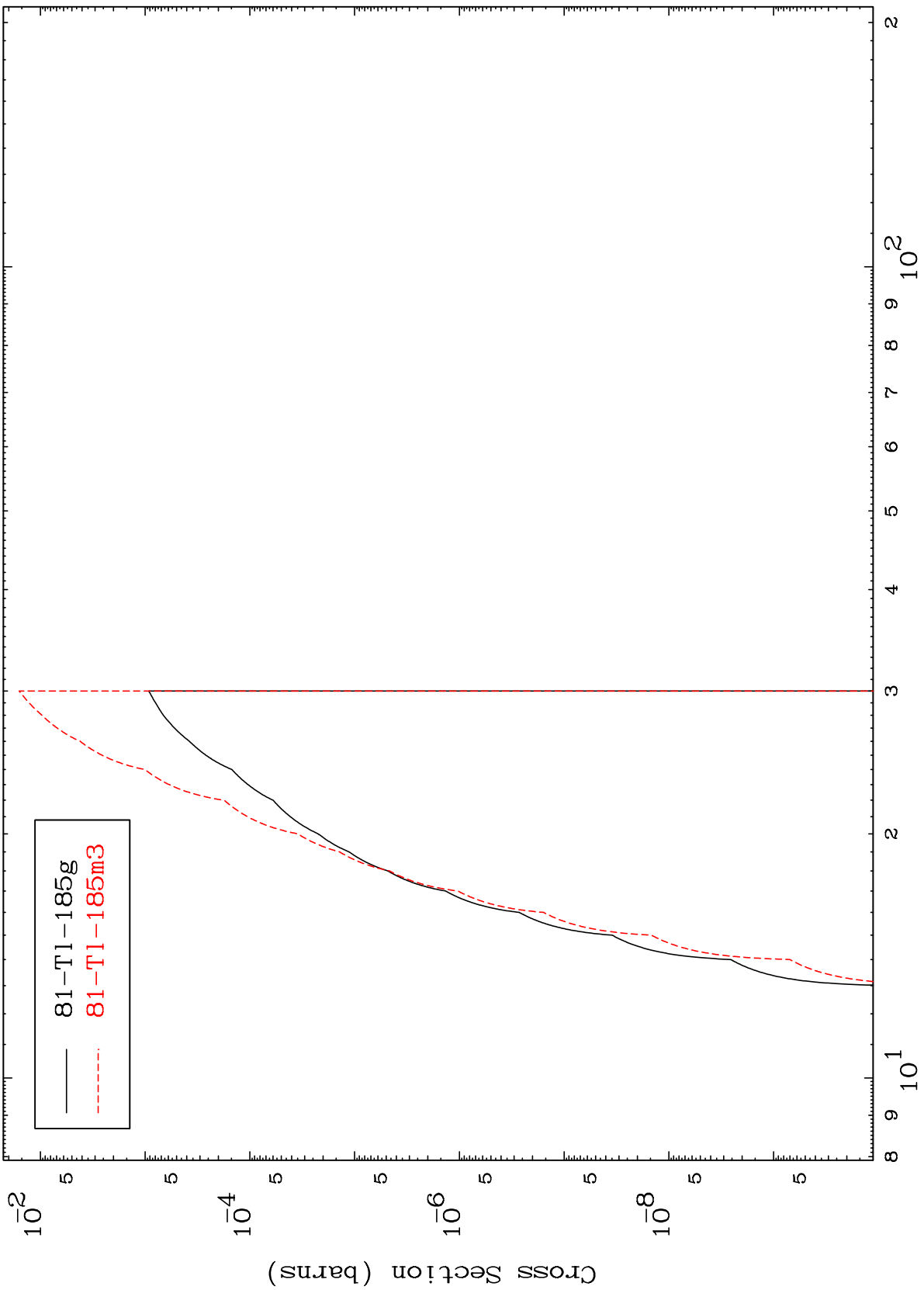


MAT 8074

(n,n') d

81-Tl-186

Radionuclide Production Cross Section



17

Incident Energy (MeV)

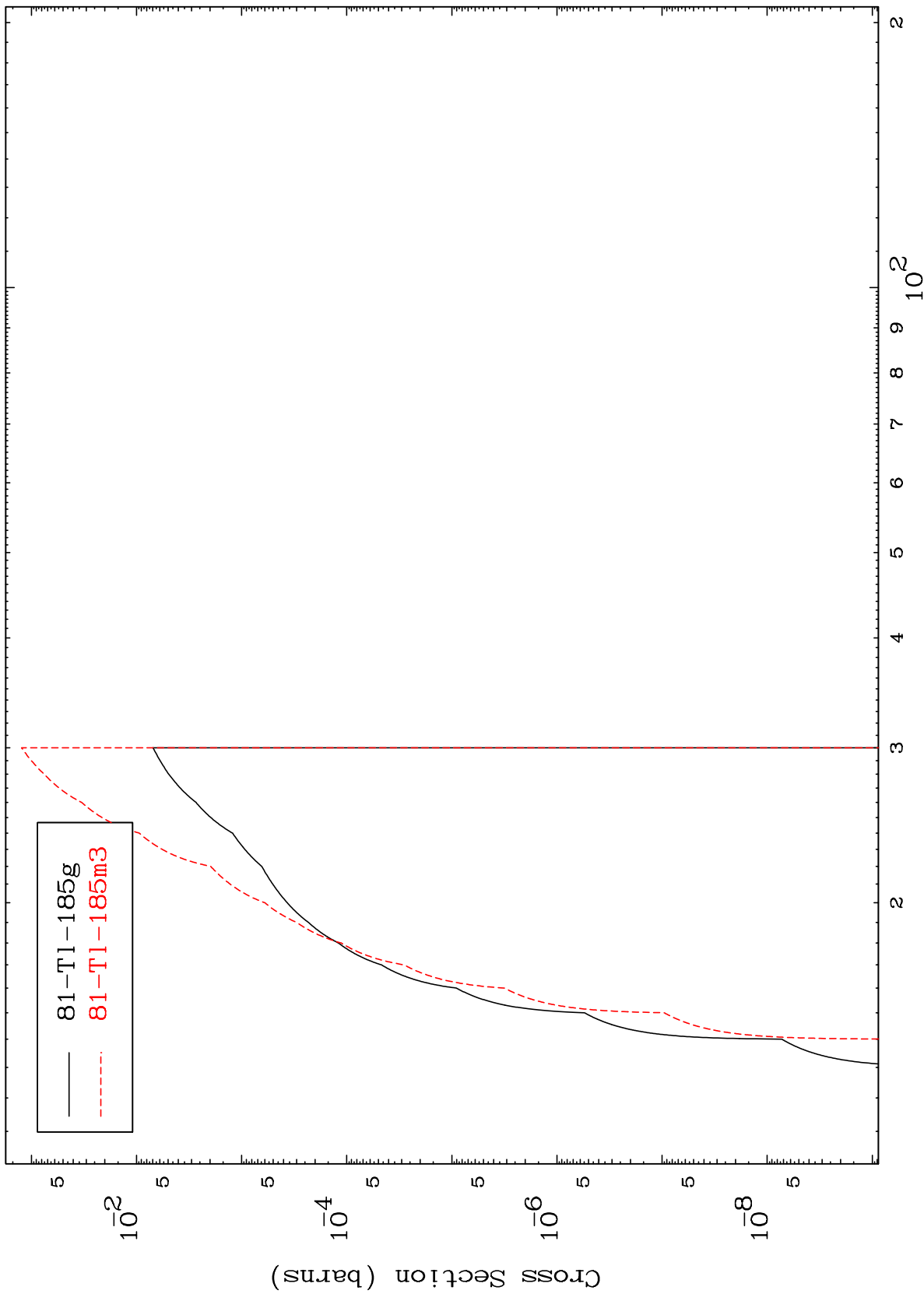
81-Tl-186

MAT 8074

(n,2n) p

81-Tl-186

Radionuclide Production Cross Section



18

Incident Energy (MeV)

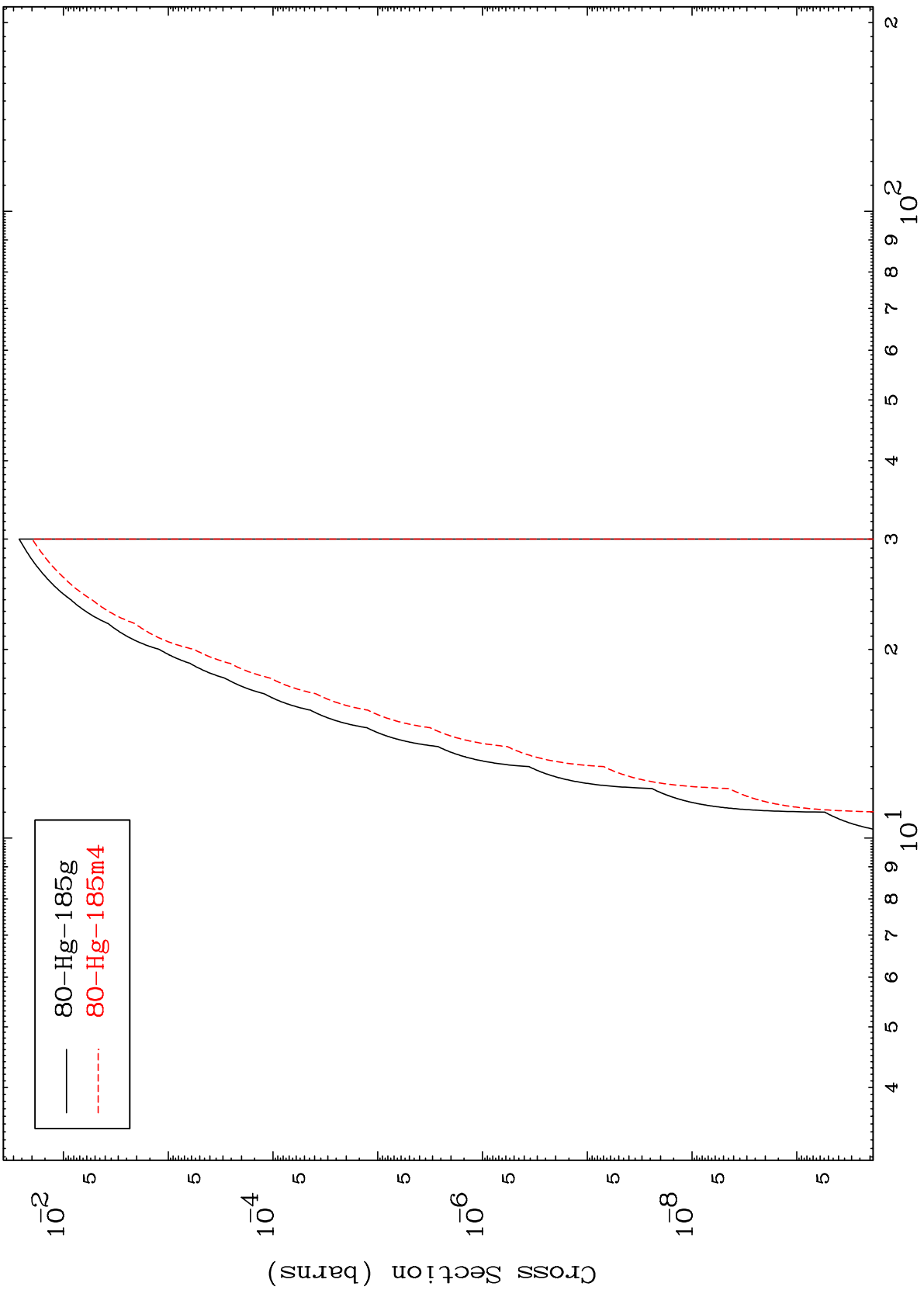
81-Tl-186

MAT 8074

(n,2n) p

81-Tl-186

Radionuclide Production Cross Section



— 80-Hg-185g  
- - - 80-Hg-185m4

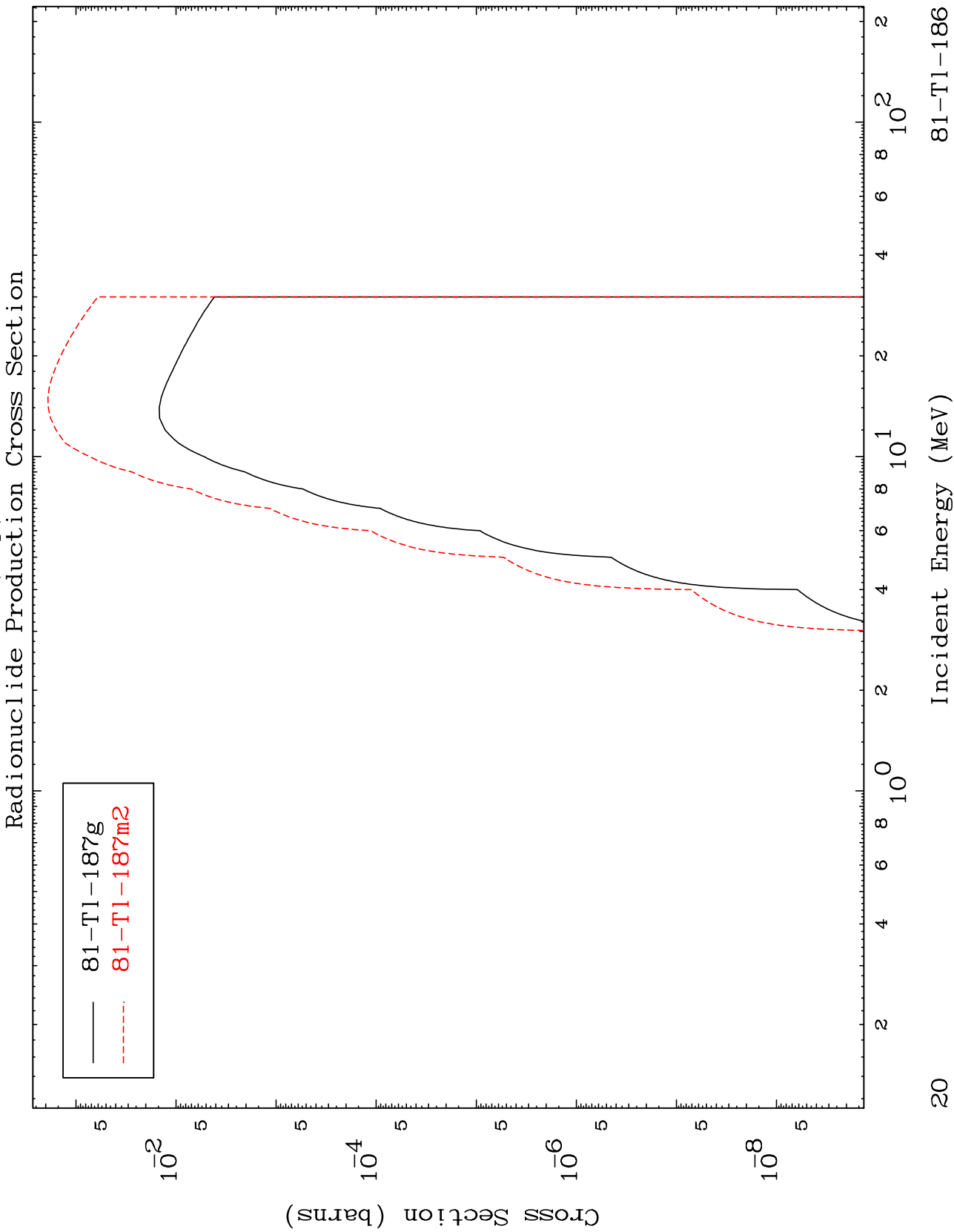
19

Incident Energy (MeV)

81-Tl-186

MAT 8074

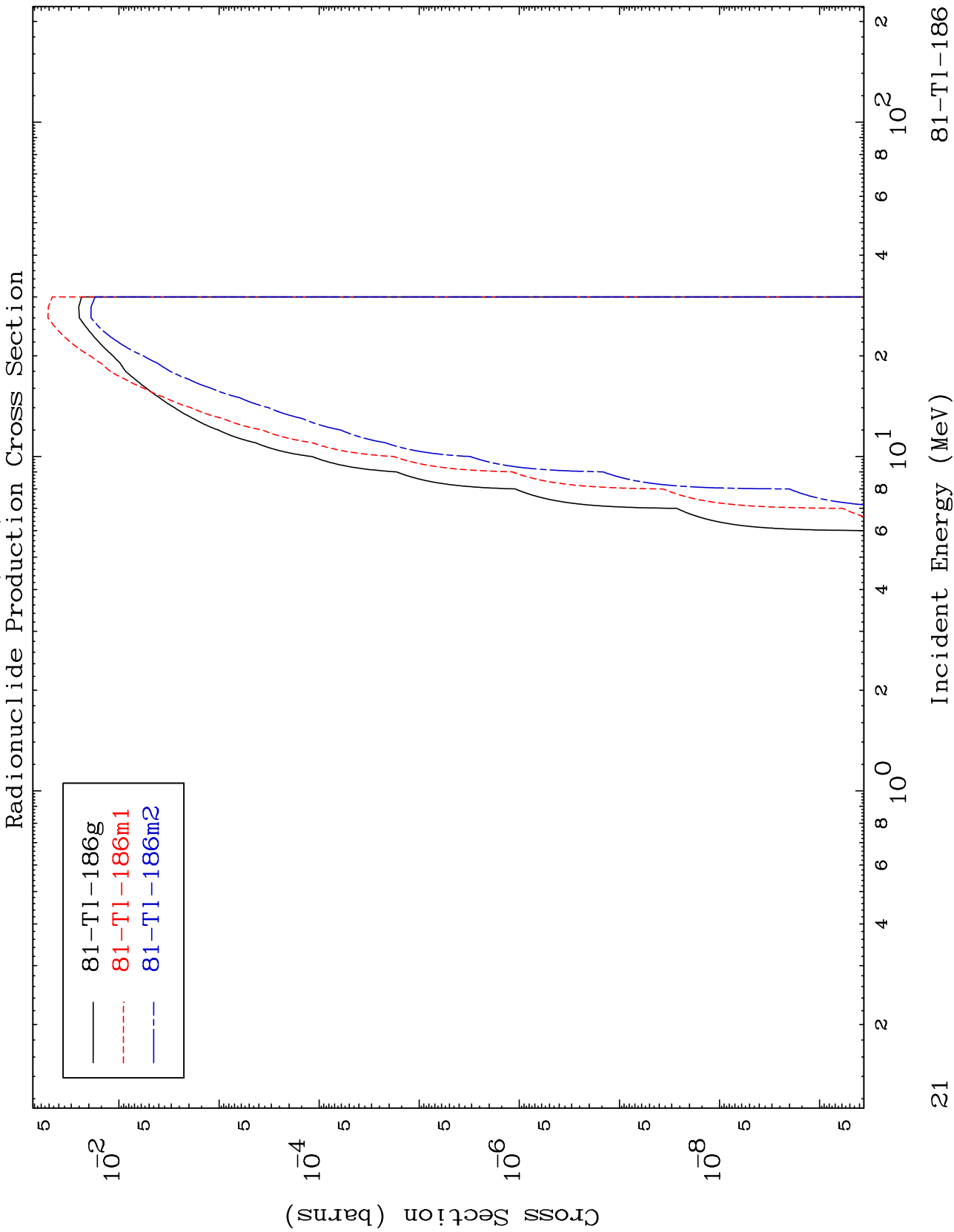
81-Tl-186



MAT 8074

(n, d)

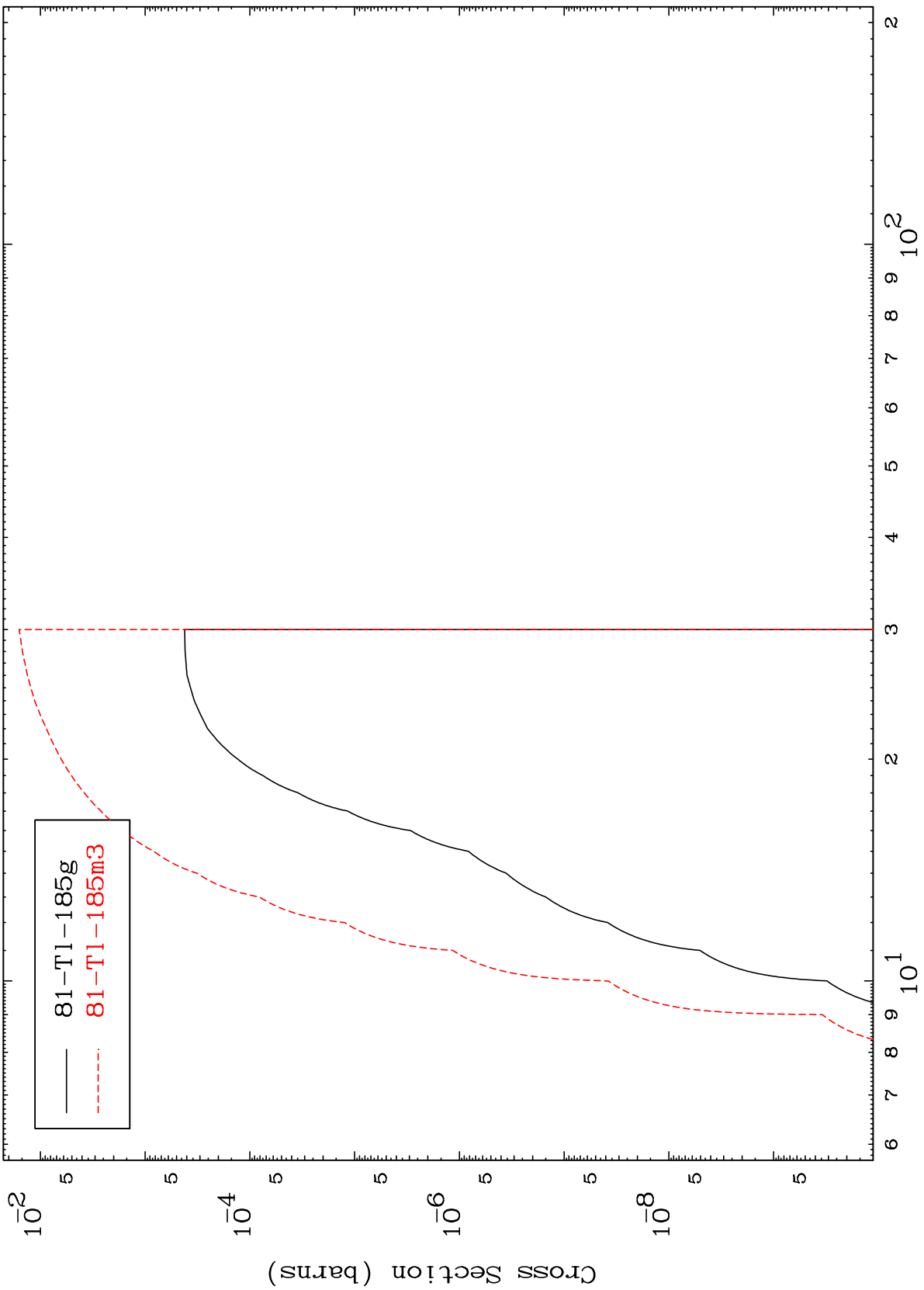
81-Tl-186



MAT 8074

81-Tl-186

Radionuclide Production Cross Section  
(n, t)



22

81-Tl-186

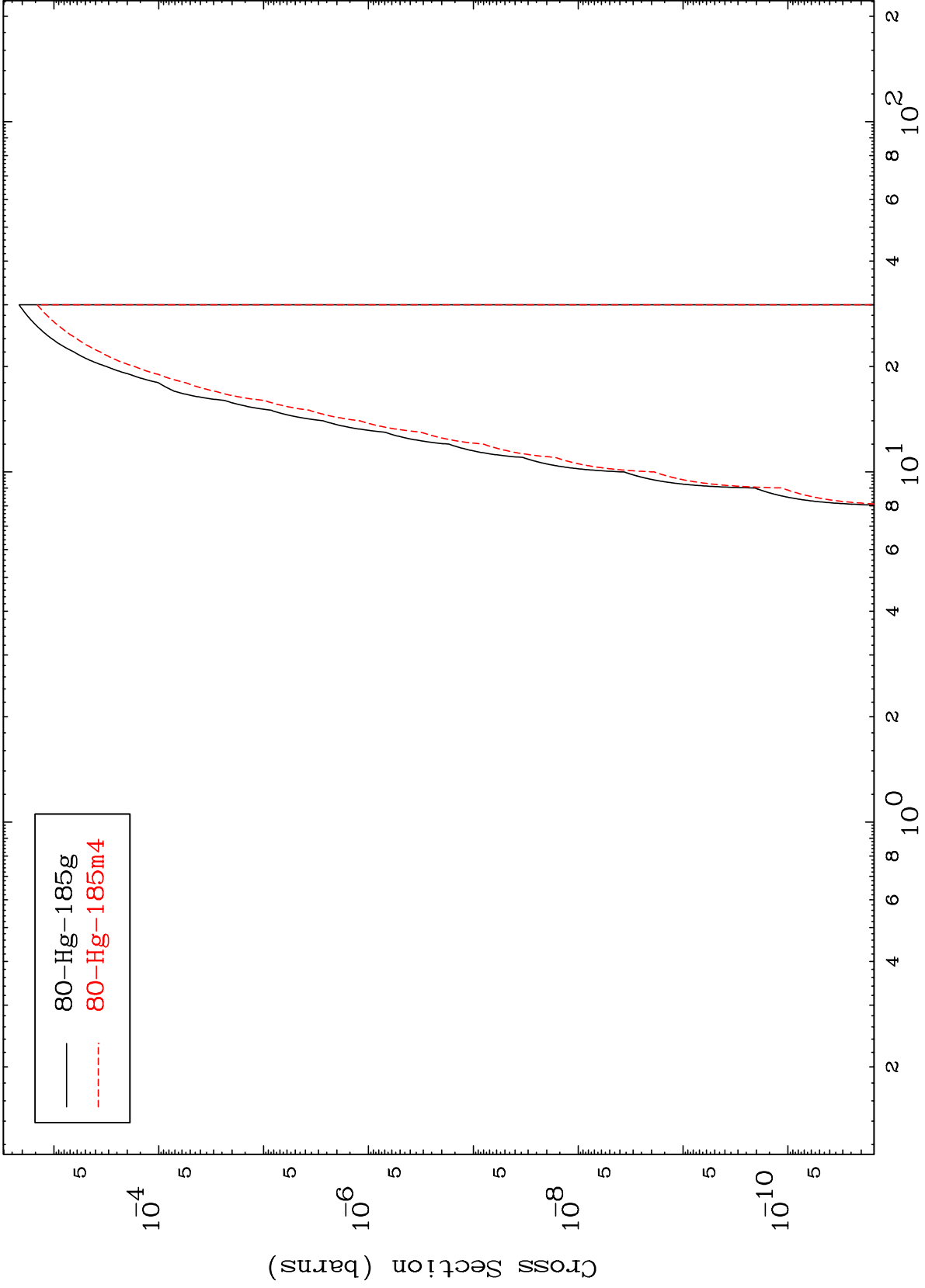
Incident Energy (MeV)

MAT 8074

(n,He-3)

81-Tl-186

Radionuclide Production Cross Section



23

Incident Energy (MeV)

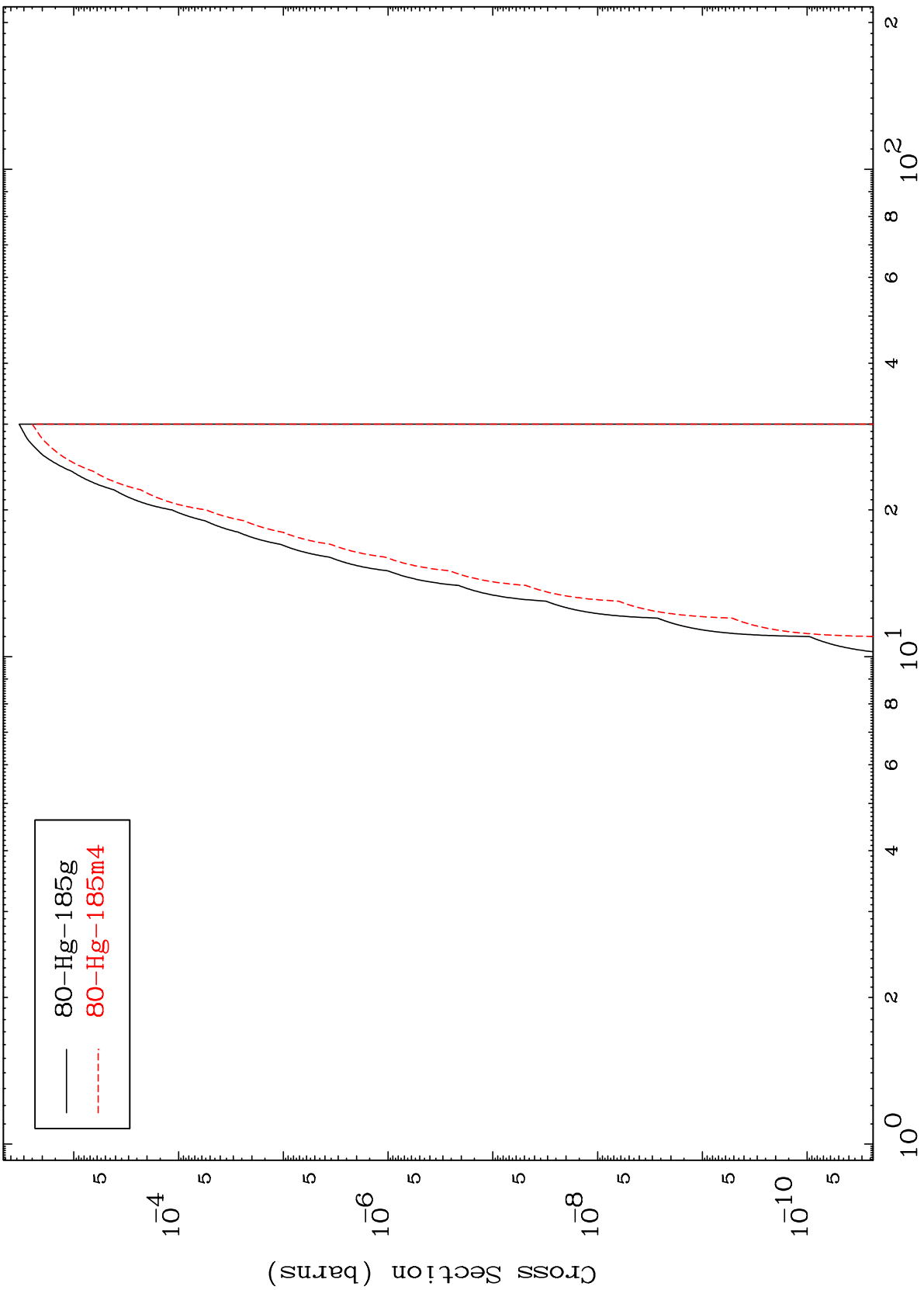
81-Tl-186

MAT 8074

(n,p) d

81-Tl-186

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-186

24