

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](mailto:redcullen1@comcast.net)

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

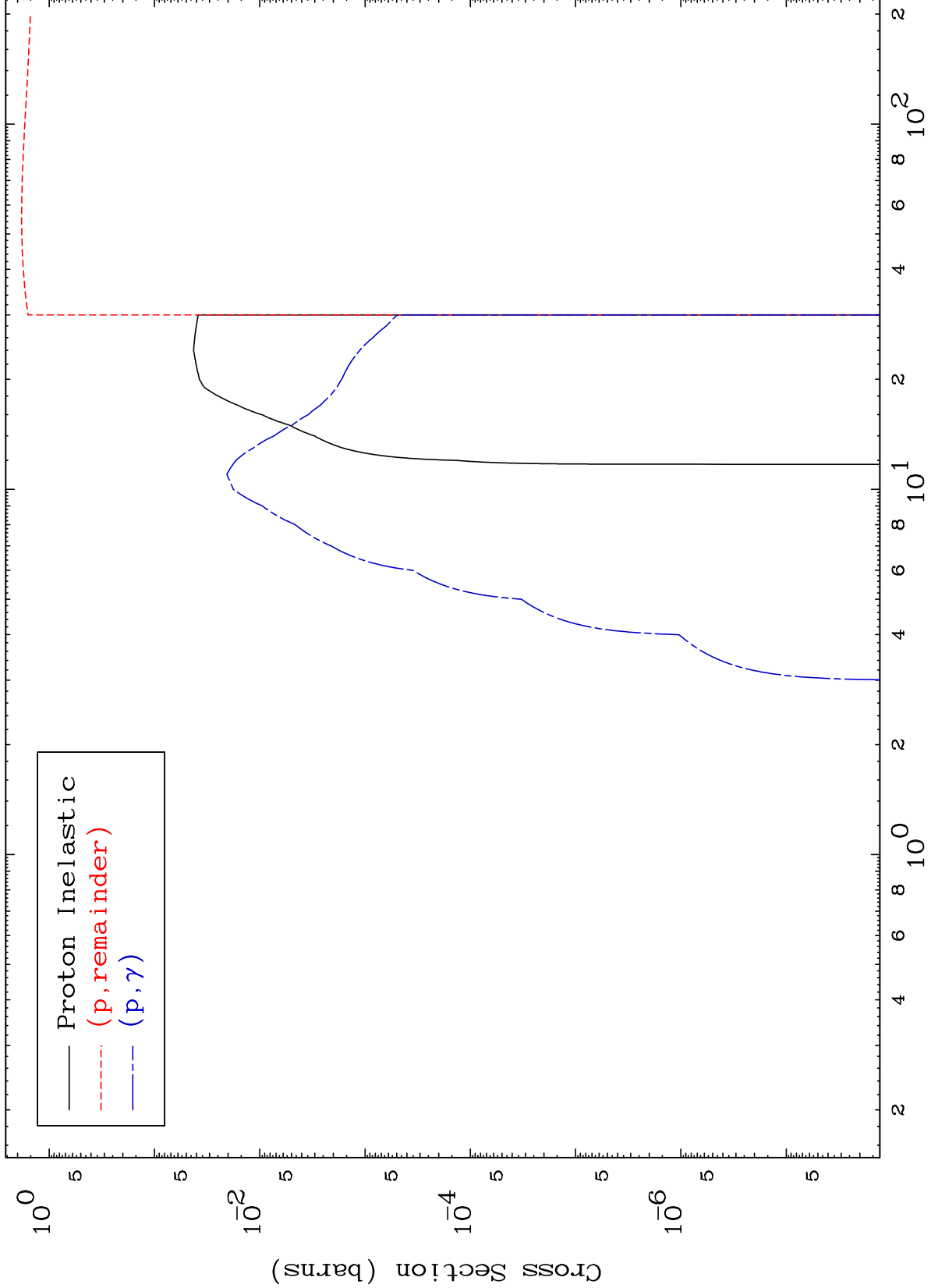
Press Mouse Button to Start

MAT 7977

Proton Major

80-Hg-180

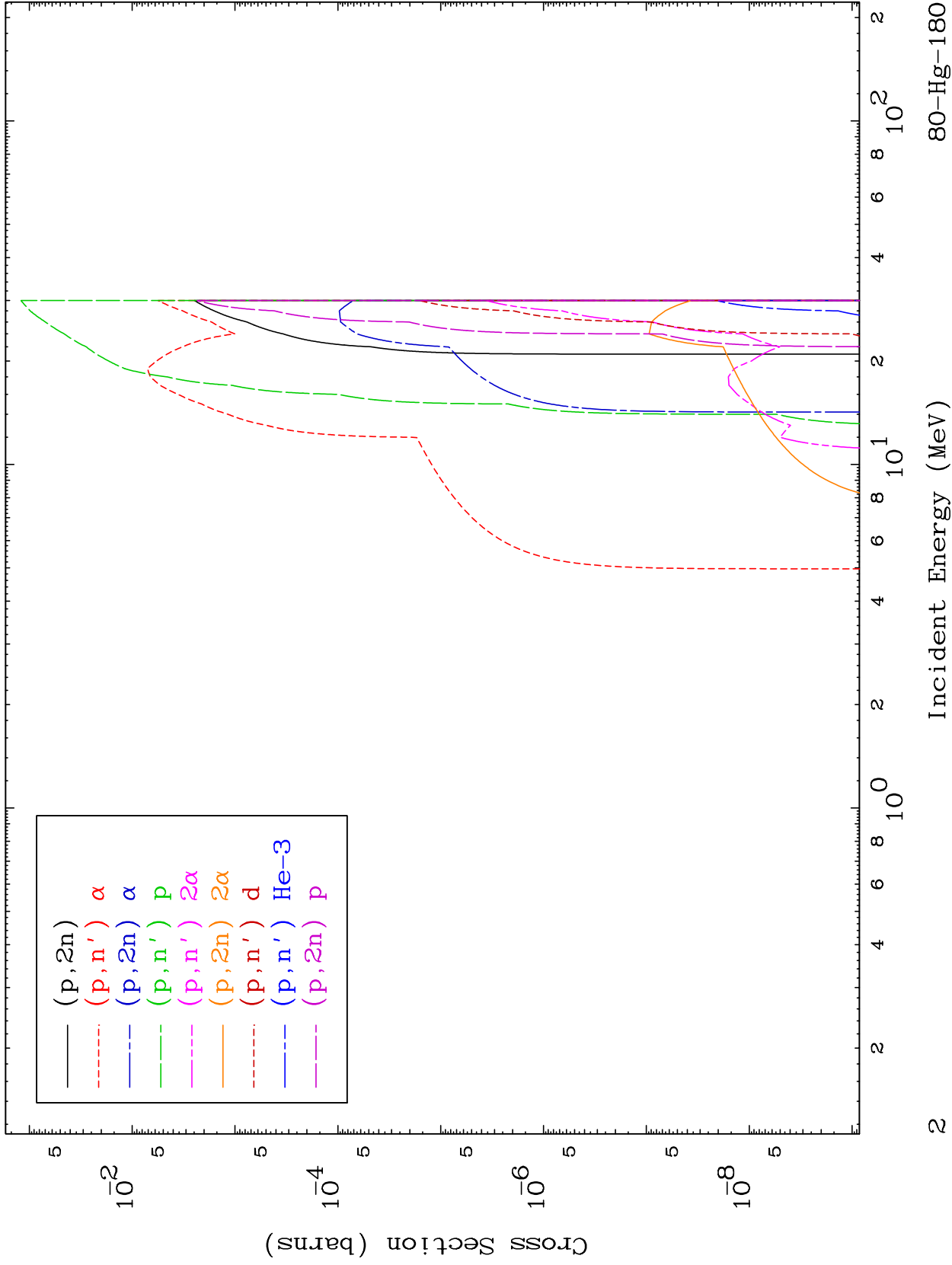
0 Kelvin Cross Sections

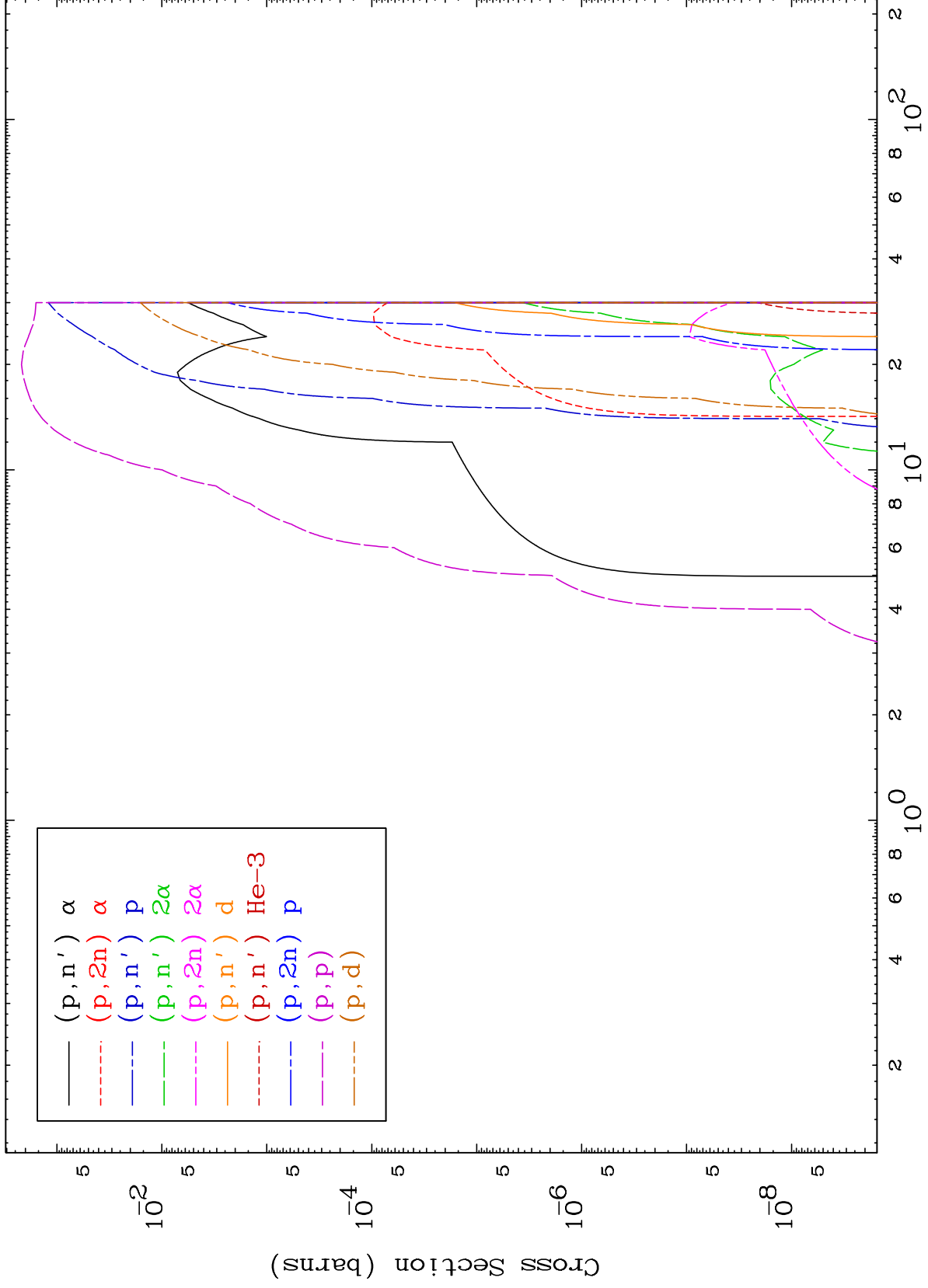


MAT 7977

Proton Neutron Production  
0 Kelvin Cross Sections

80-Hg-180

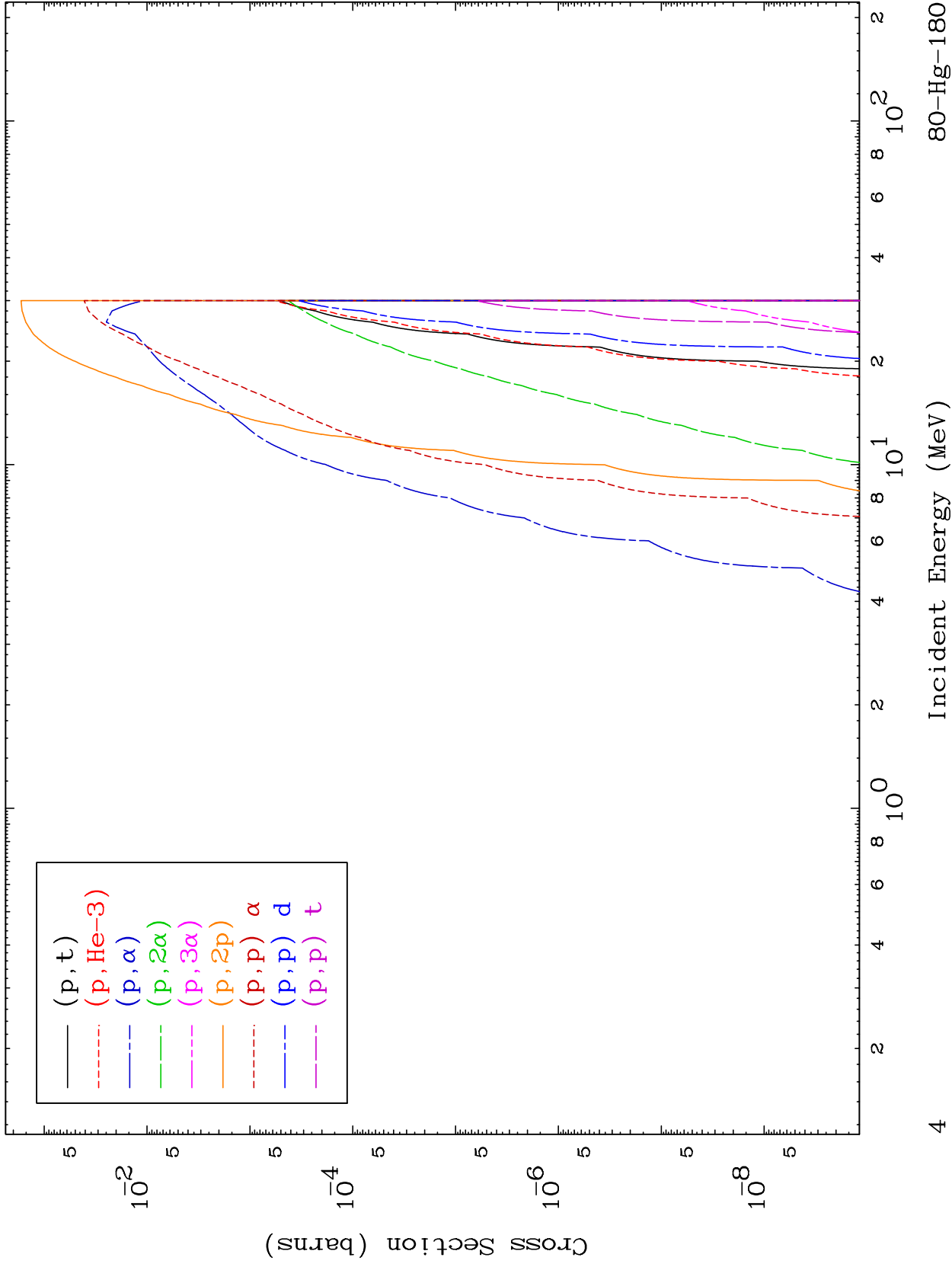




MAT 7977

Proton Charged Particle  
0 Kelvin Cross Sections

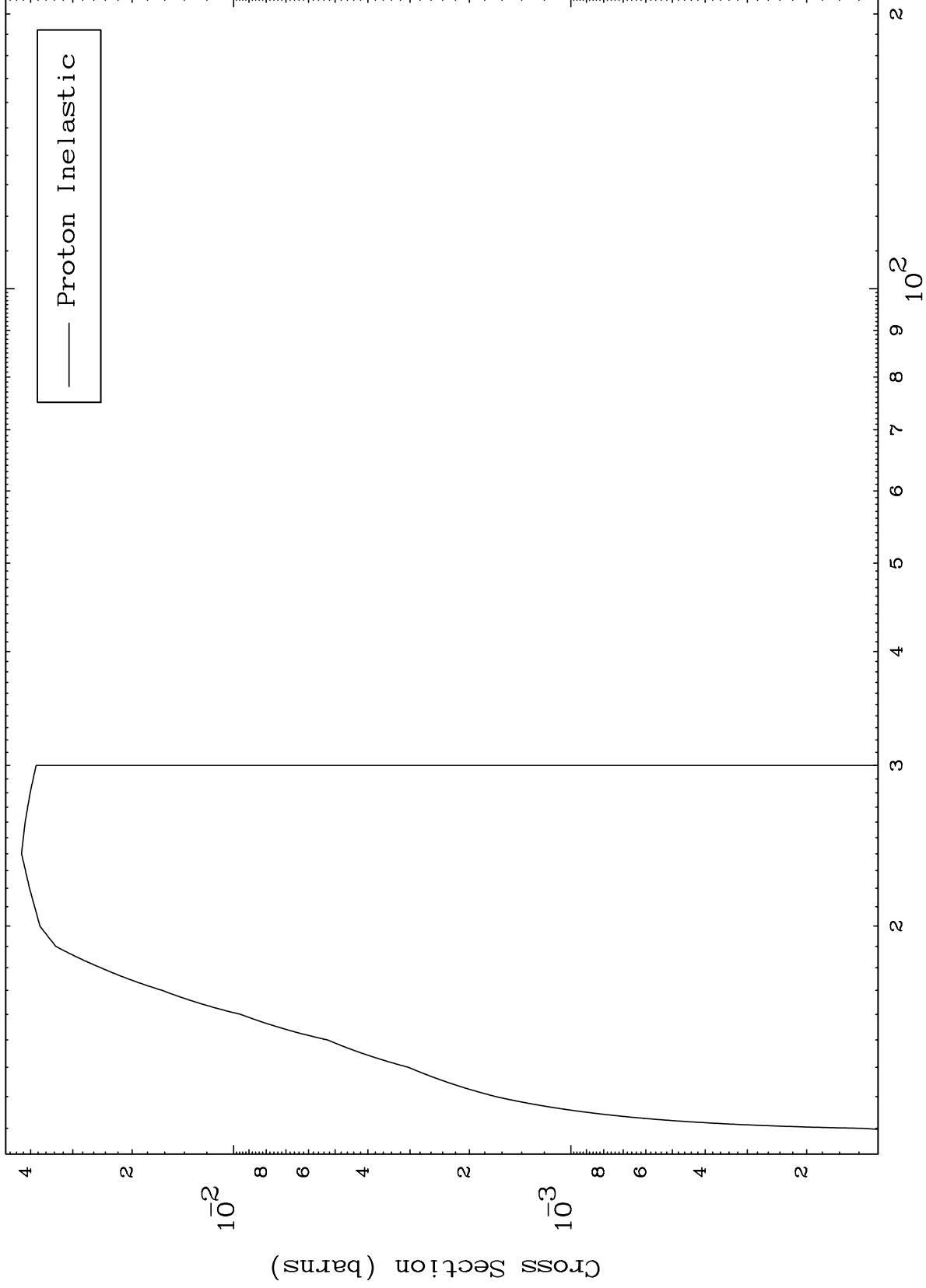
80-Hg-180



MAT 7977

(p,n') Level  
0 Kelvin Cross Sections

80-Hg-180



5

Incident Energy (MeV)

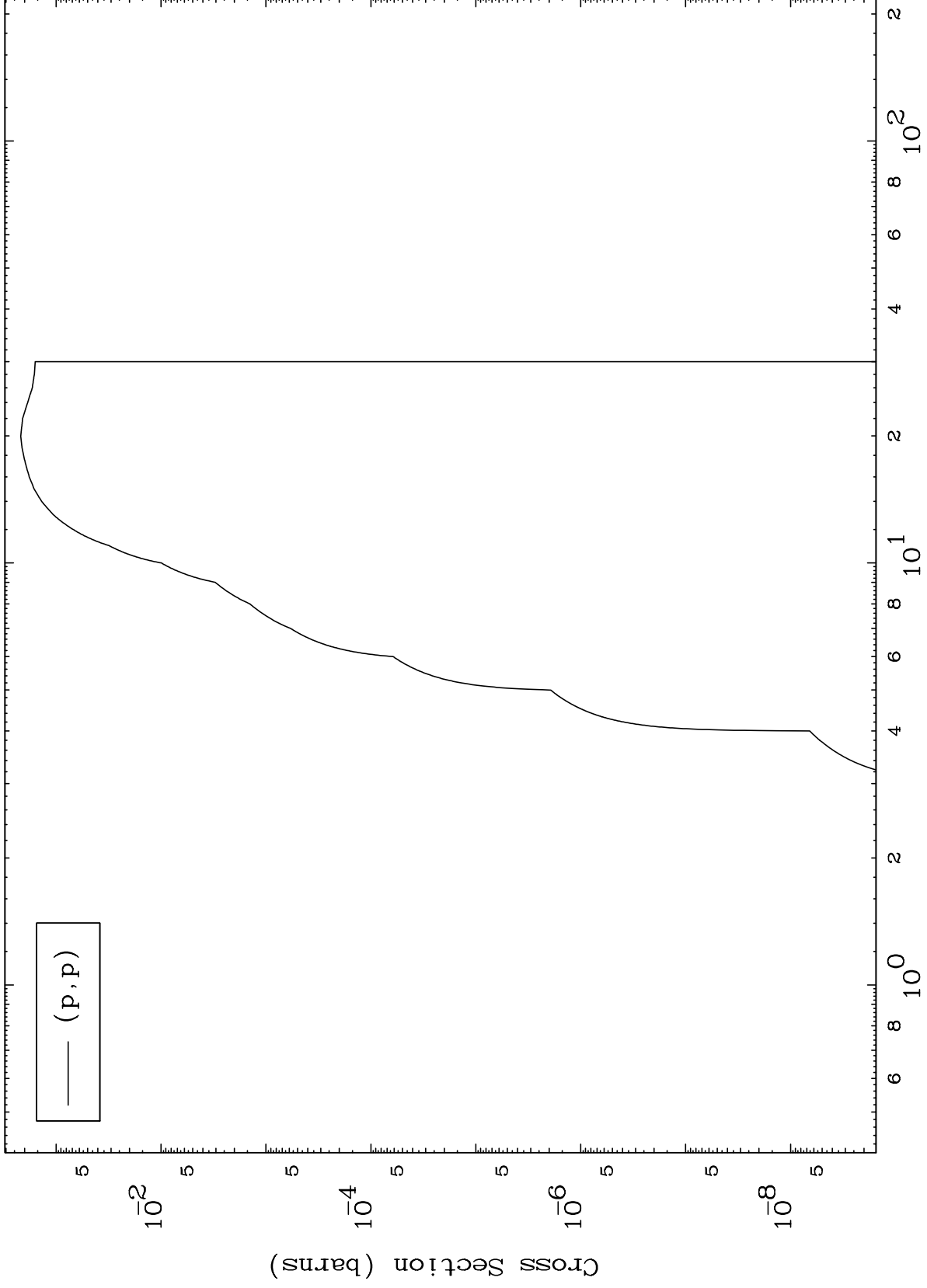
80-Hg-180

MAT 7977

(p,p) Levels

80-Hg-180

0 Kelvin Cross Sections



6

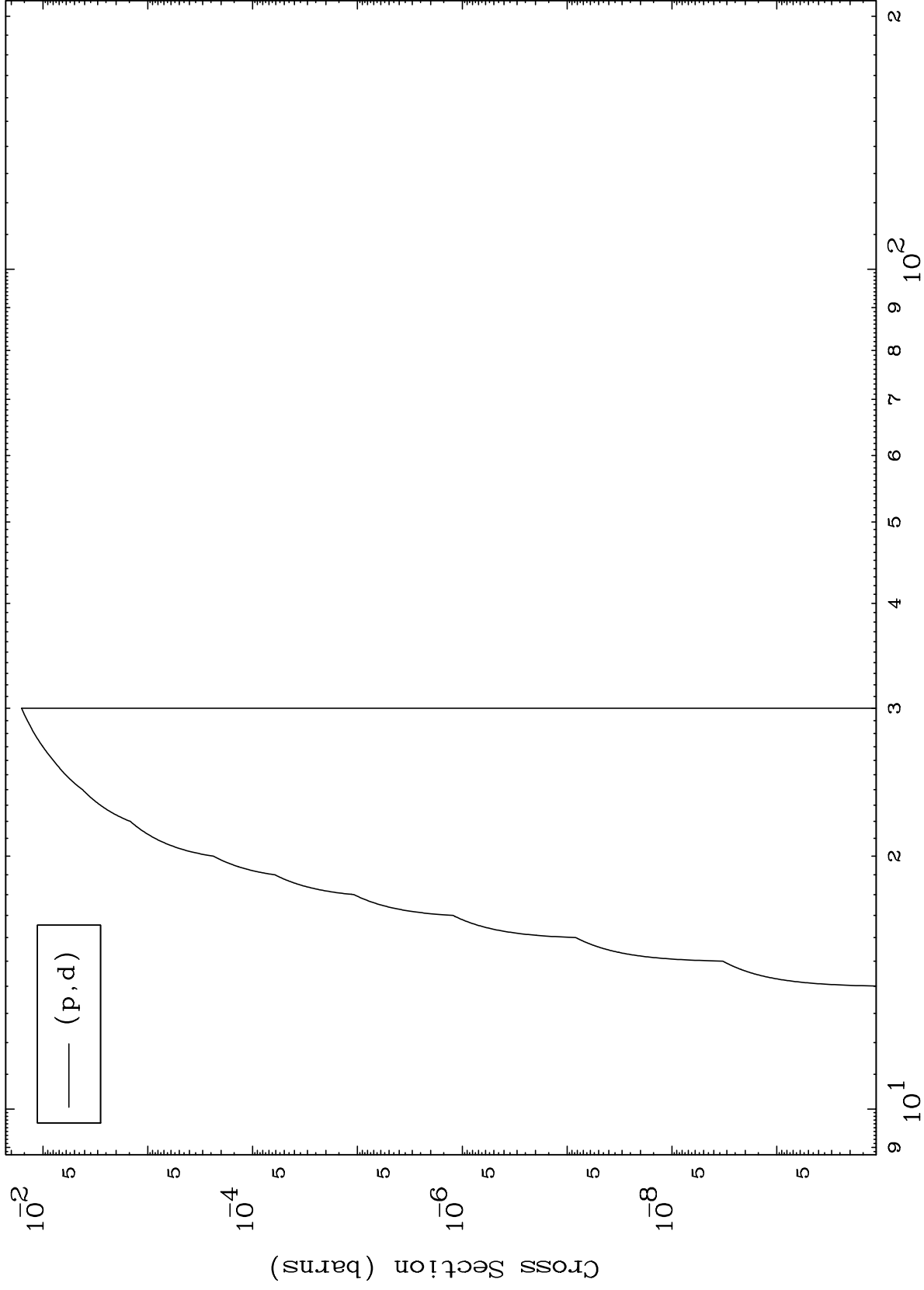
Incident Energy (MeV)

80-Hg-180

MAT 7977

(p,d) Levels  
0 Kelvin Cross Sections

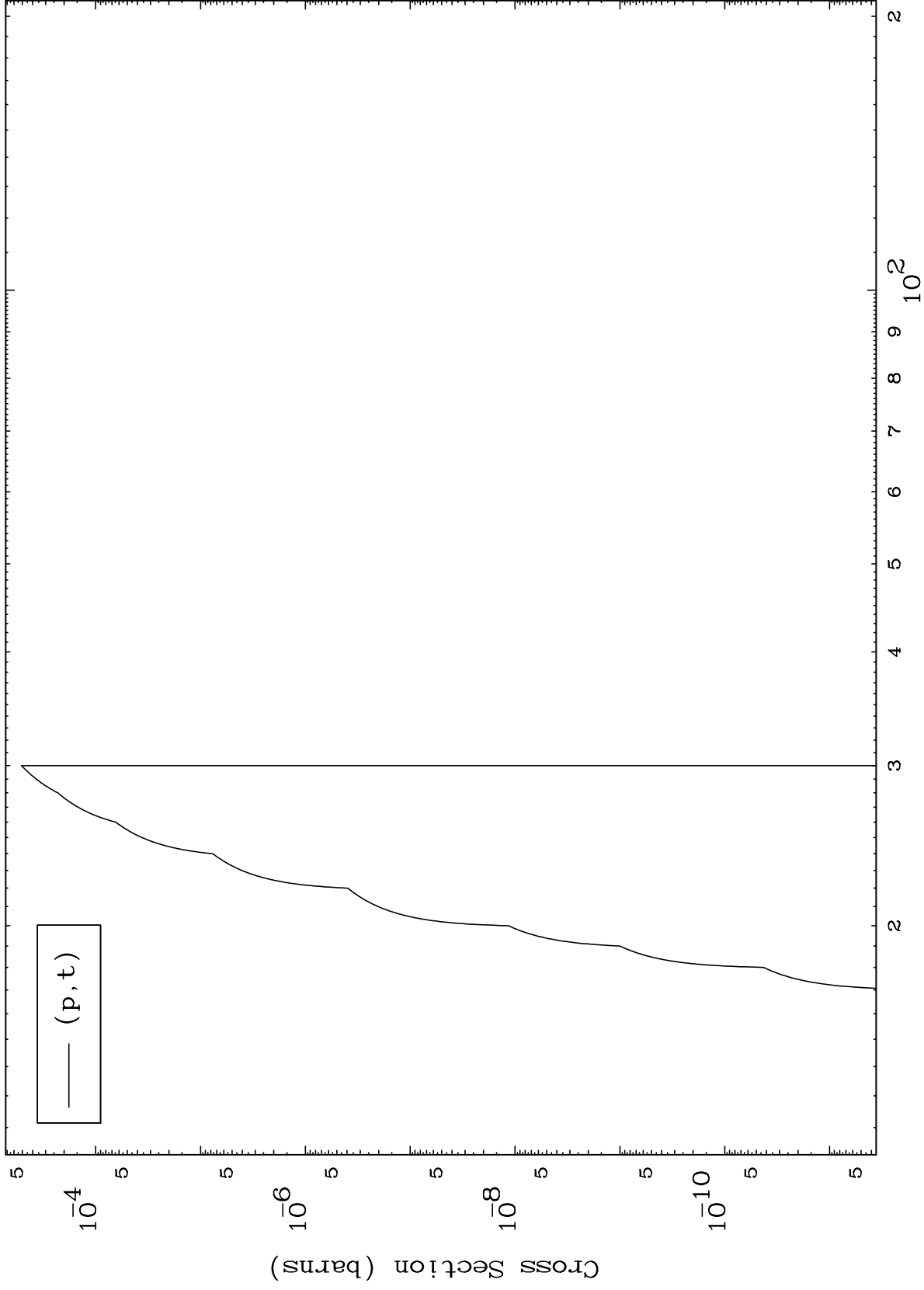
80-Hg-180



Incident Energy (MeV)

80-Hg-180

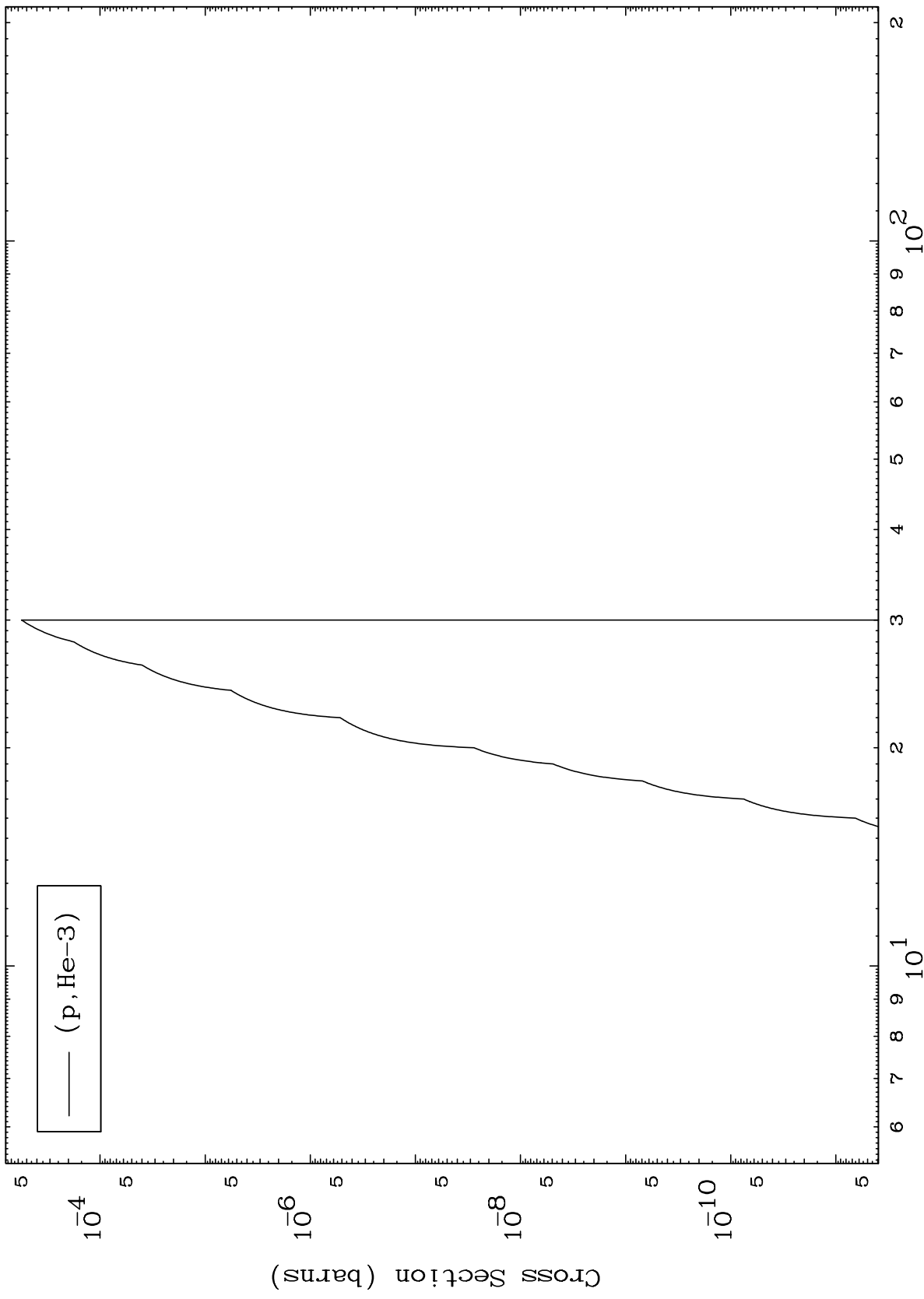




MAT 7977

(p,He3) Levels  
0 Kelvin Cross Sections

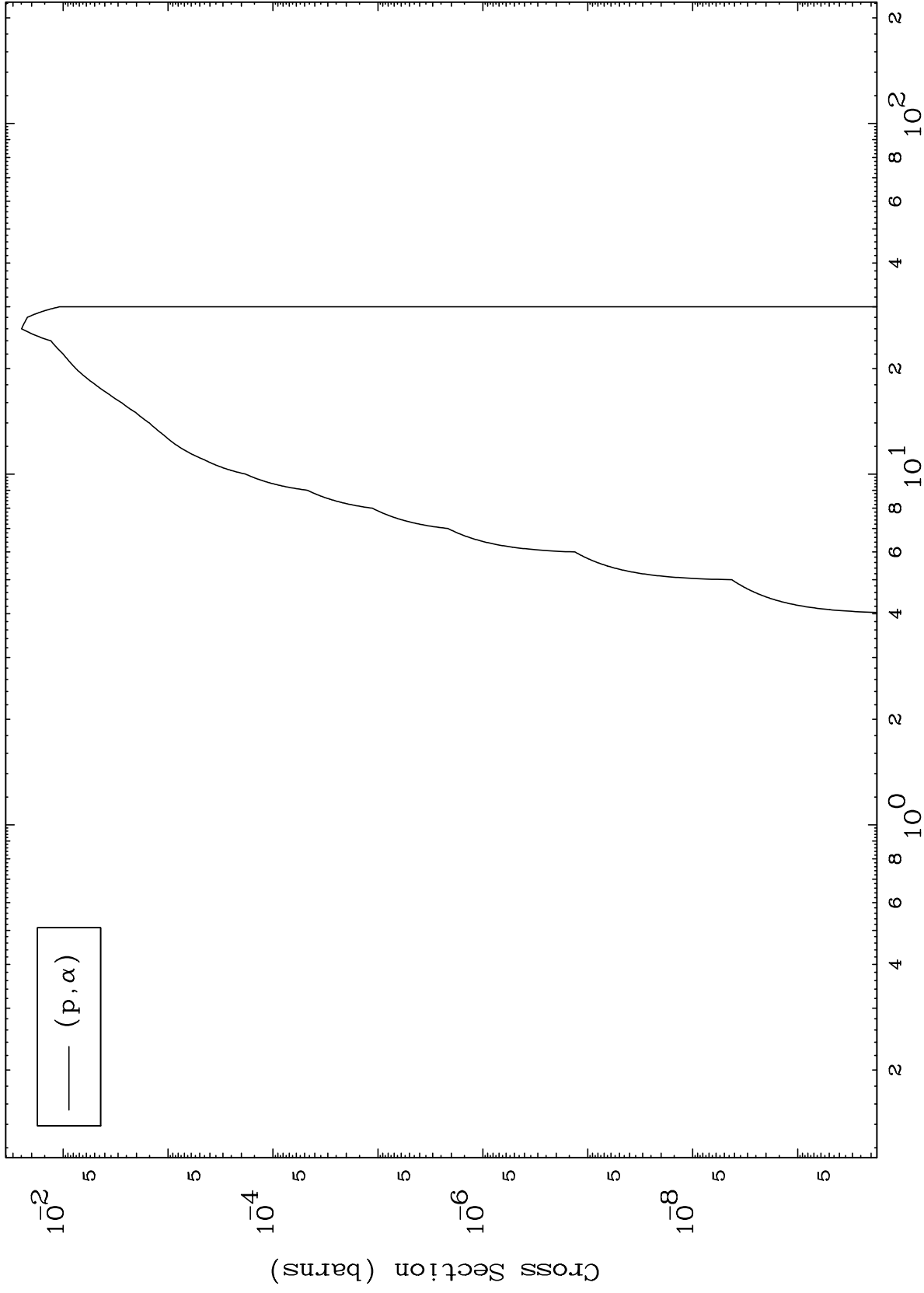
80-Hg-180



MAT 7977

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

80-Hg-180



10

Incident Energy (MeV)

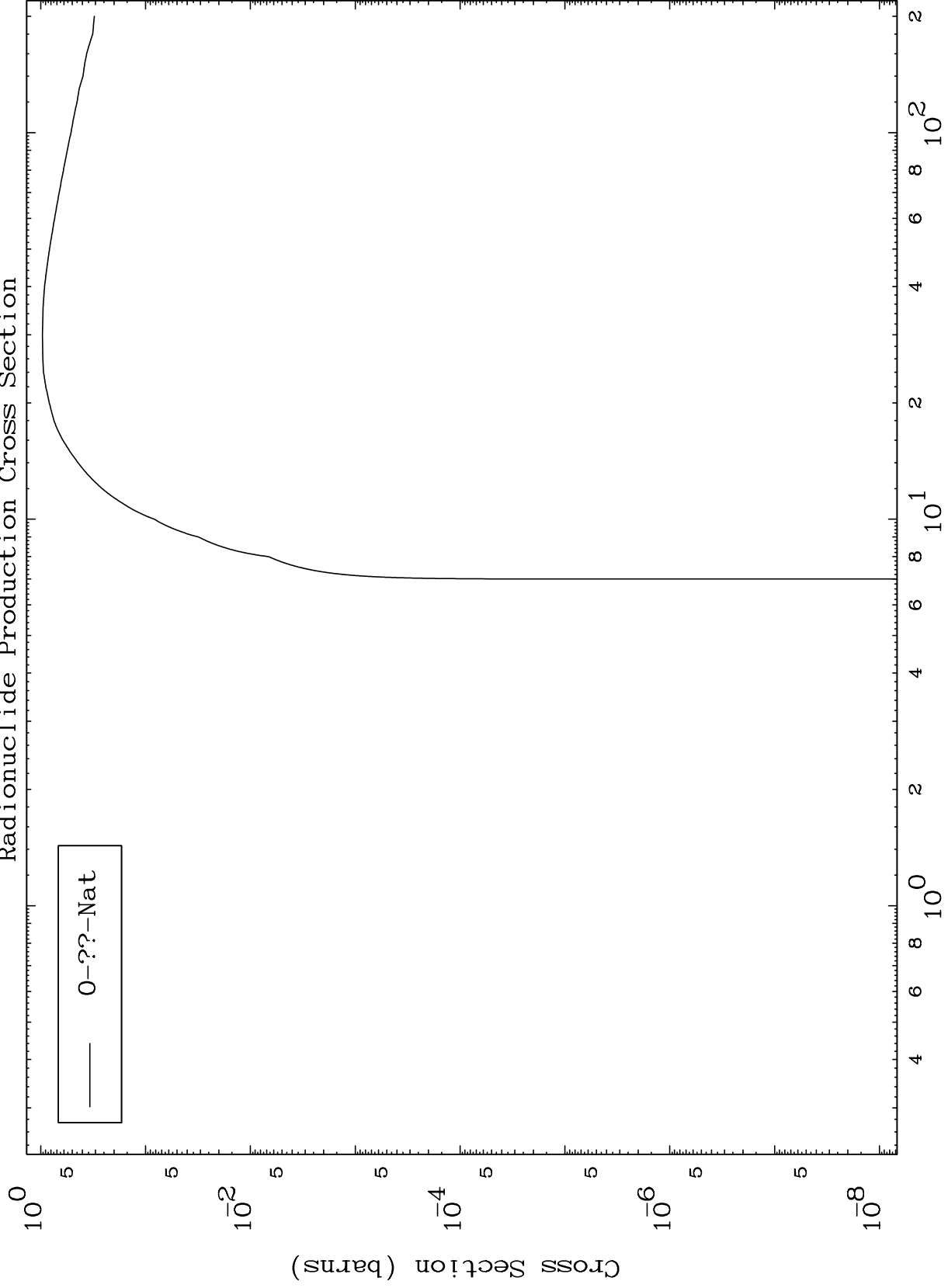
80-Hg-180

MAT 7977

Proton Fission

80-Hg-180

Radionuclide Production Cross Section



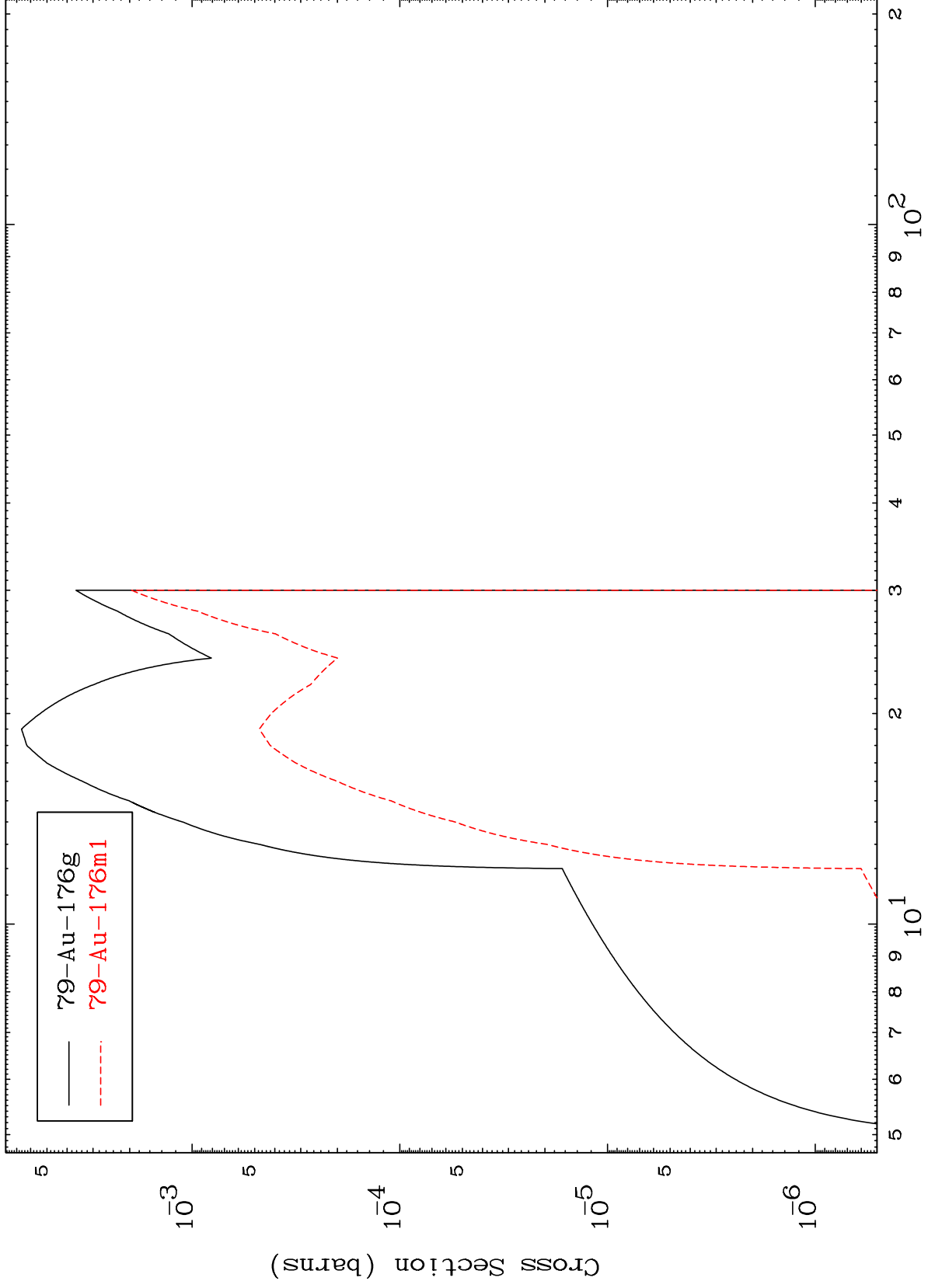
0-??-Nat

MAT 7977

(p,n')  $\alpha$

80-Hg-180

Radionuclide Production Cross Section



12

Incident Energy (MeV)

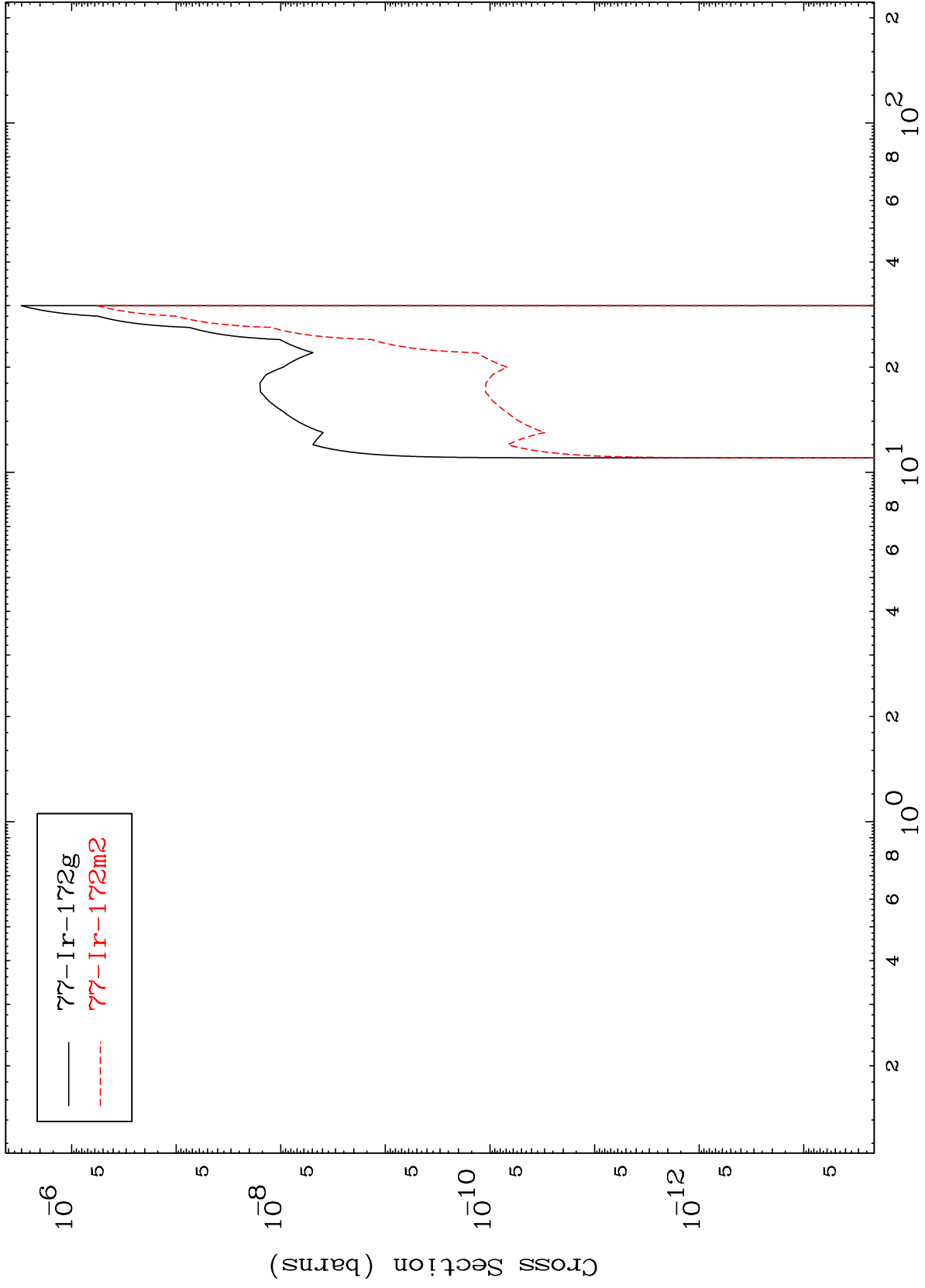
80-Hg-180

MAT 7977

(p,n') 2α

80-Hg-180

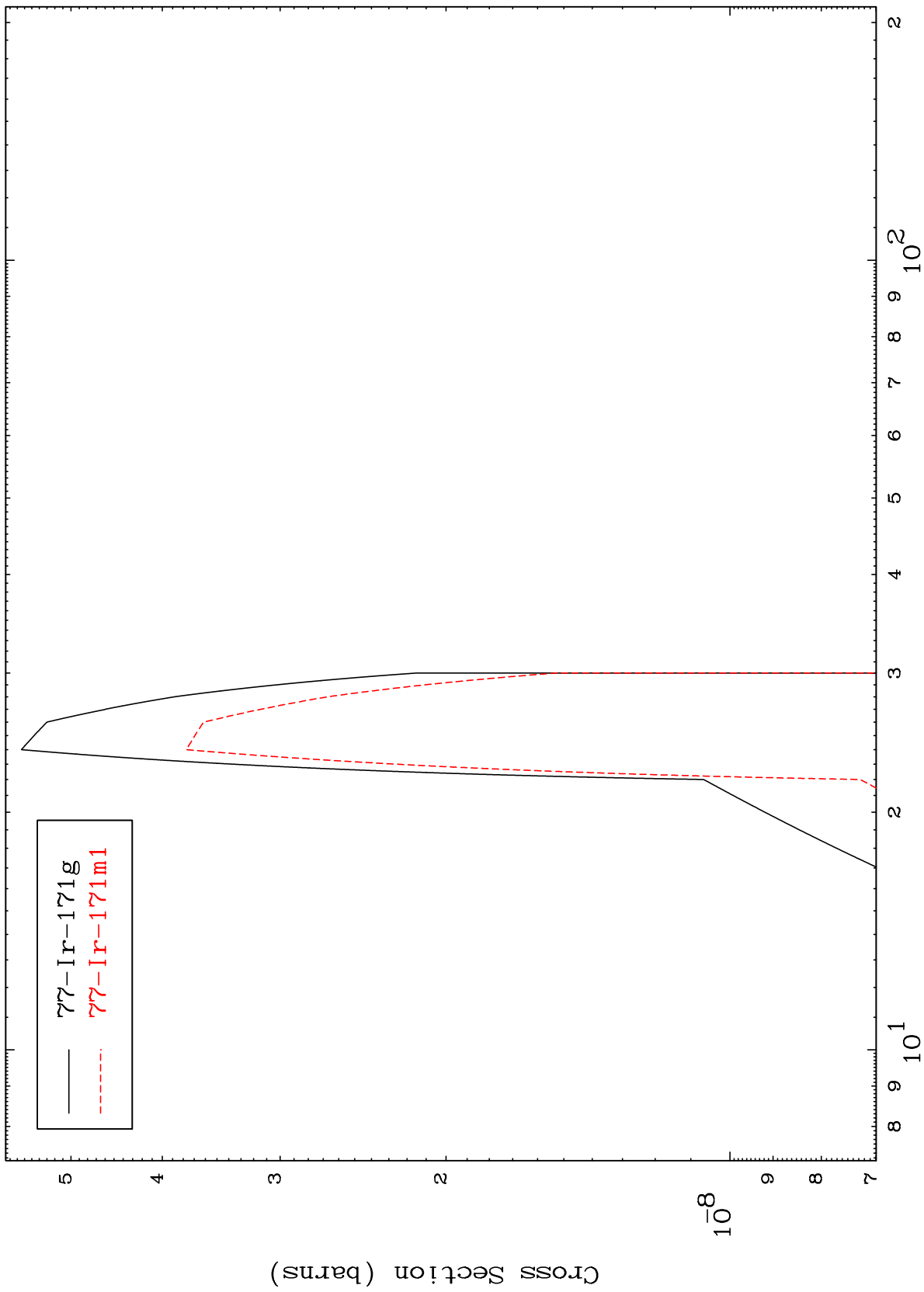
Radionuclide Production Cross Section



MAT 7977

80-Hg-180

(p,2n) 2 $\alpha$   
Radionuclide Production Cross Section



80-Hg-180

Incident Energy (MeV)

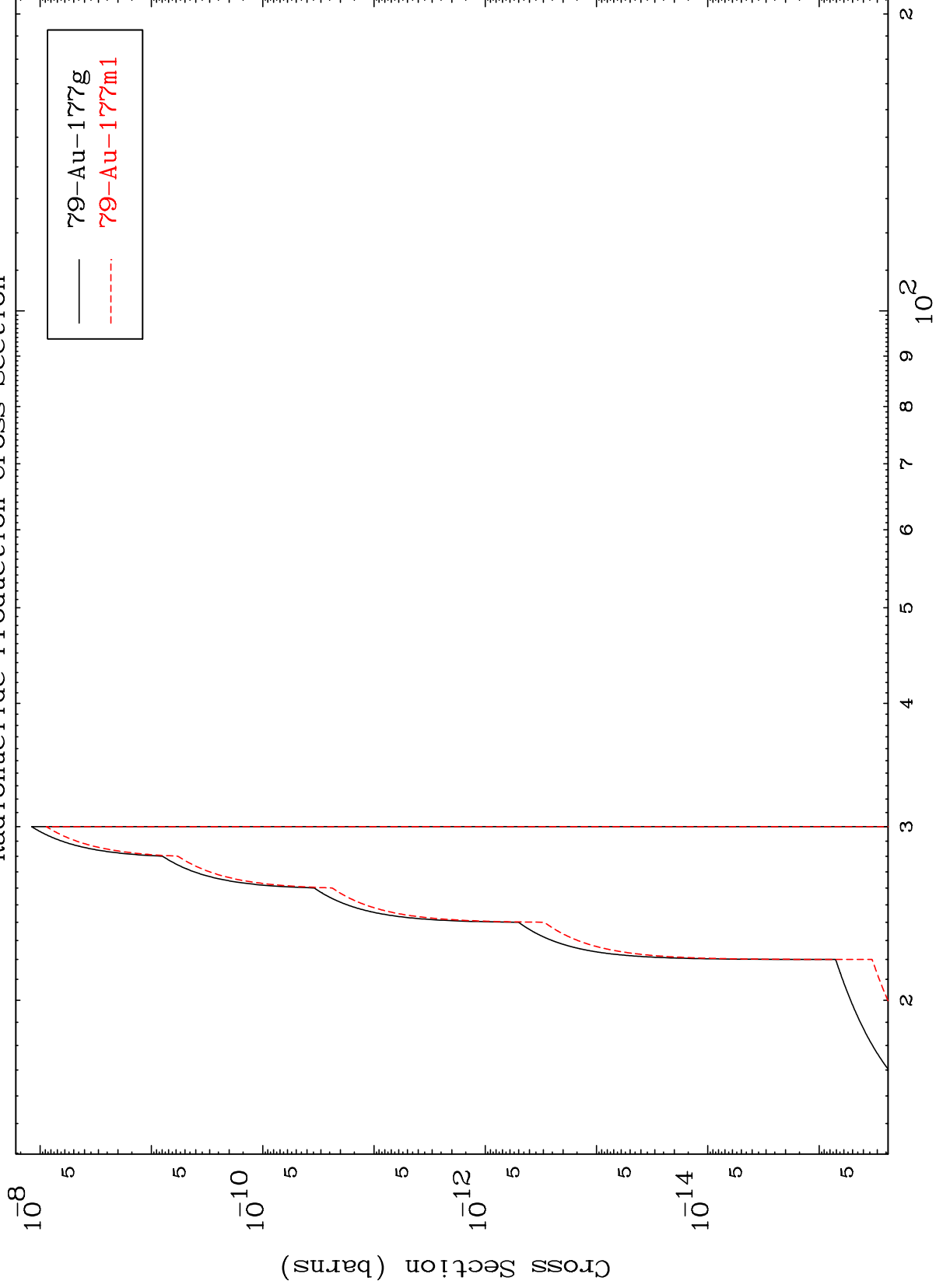
14

MAT 7977

(p,n') He-3

80-Hg-180

Radionuclide Production Cross Section



15

Incident Energy (MeV)

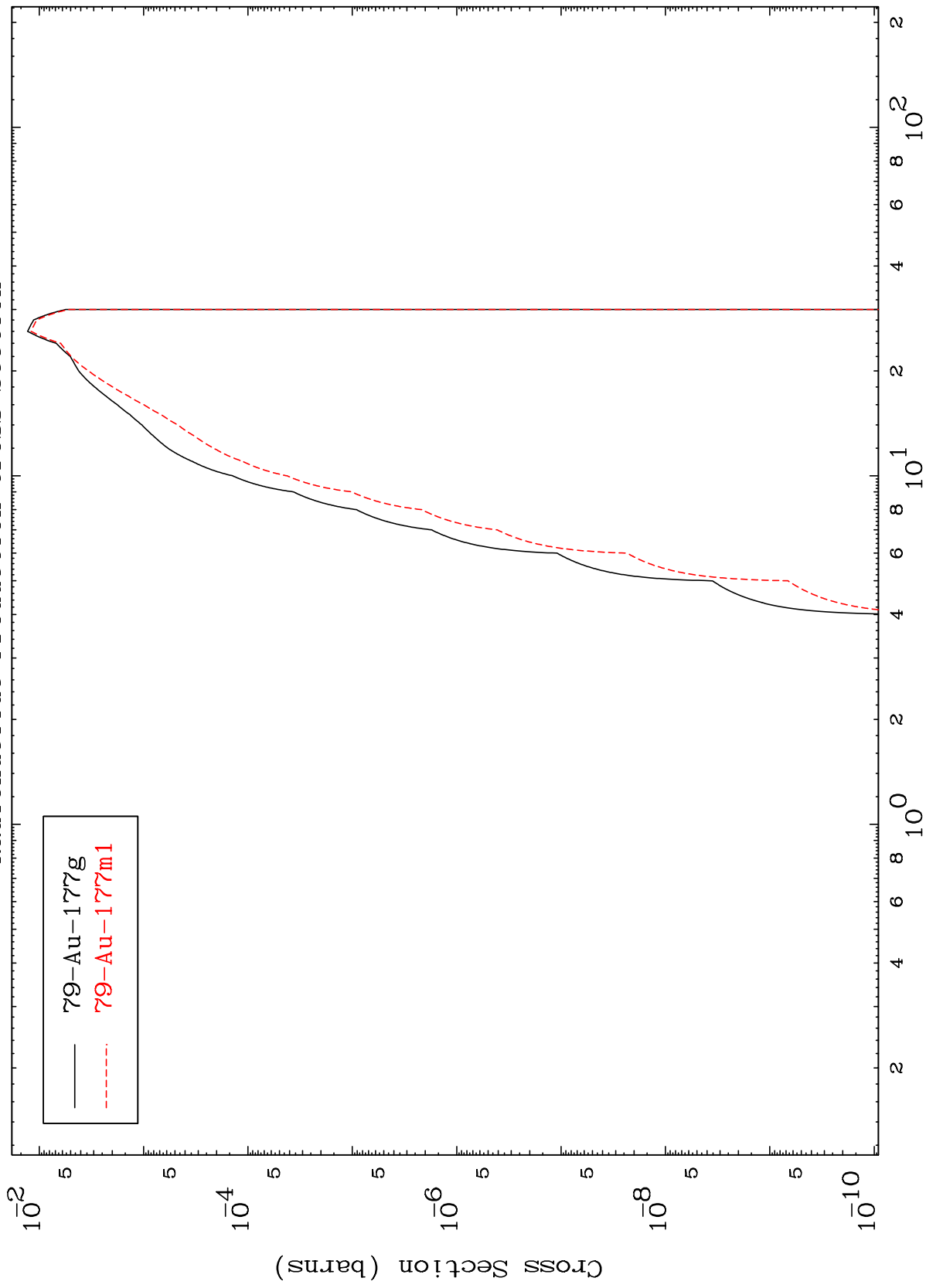
80-Hg-180



MAT 7977

80-Hg-180

Radionuclide Production Cross Section



Incident Energy (MeV)

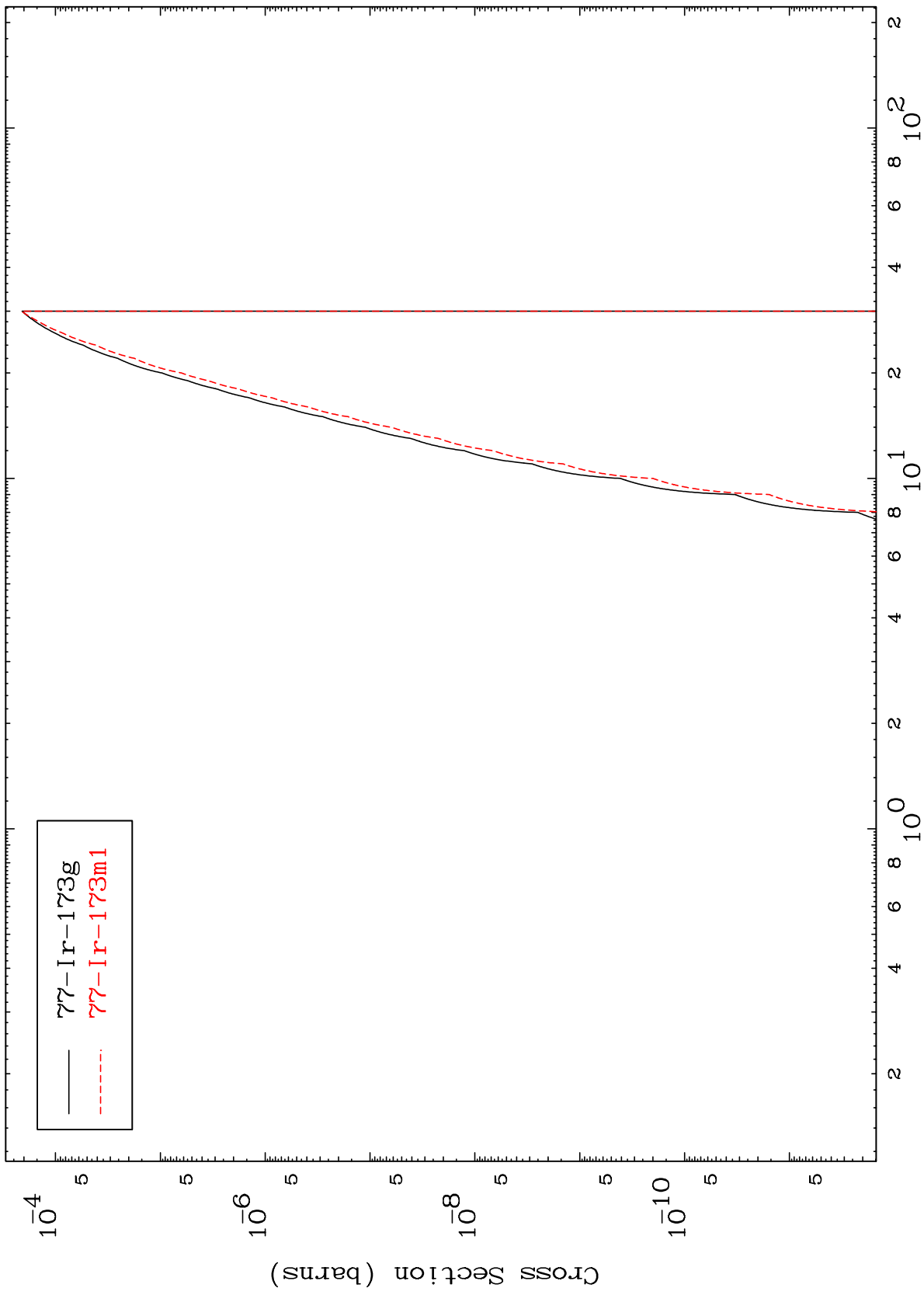
80-Hg-180

16

MAT 7977

80-Hg-180

Radionuclide Production Cross Section  
(p,2 $\alpha$ )



17

80-Hg-180

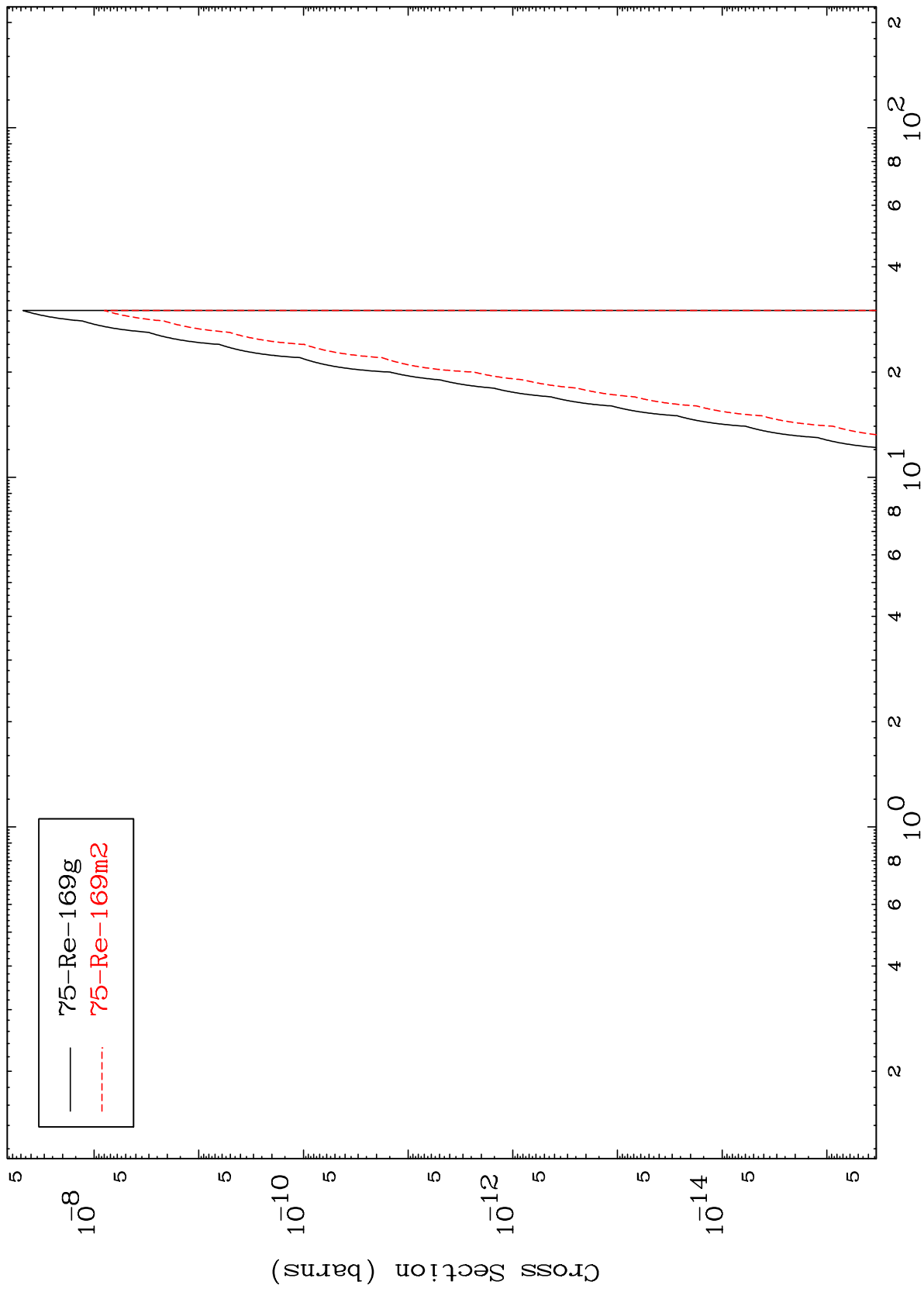
Incident Energy (MeV)

MAT 7977

80-Hg-180

(p,3 $\alpha$ )

Radionuclide Production Cross Section



18

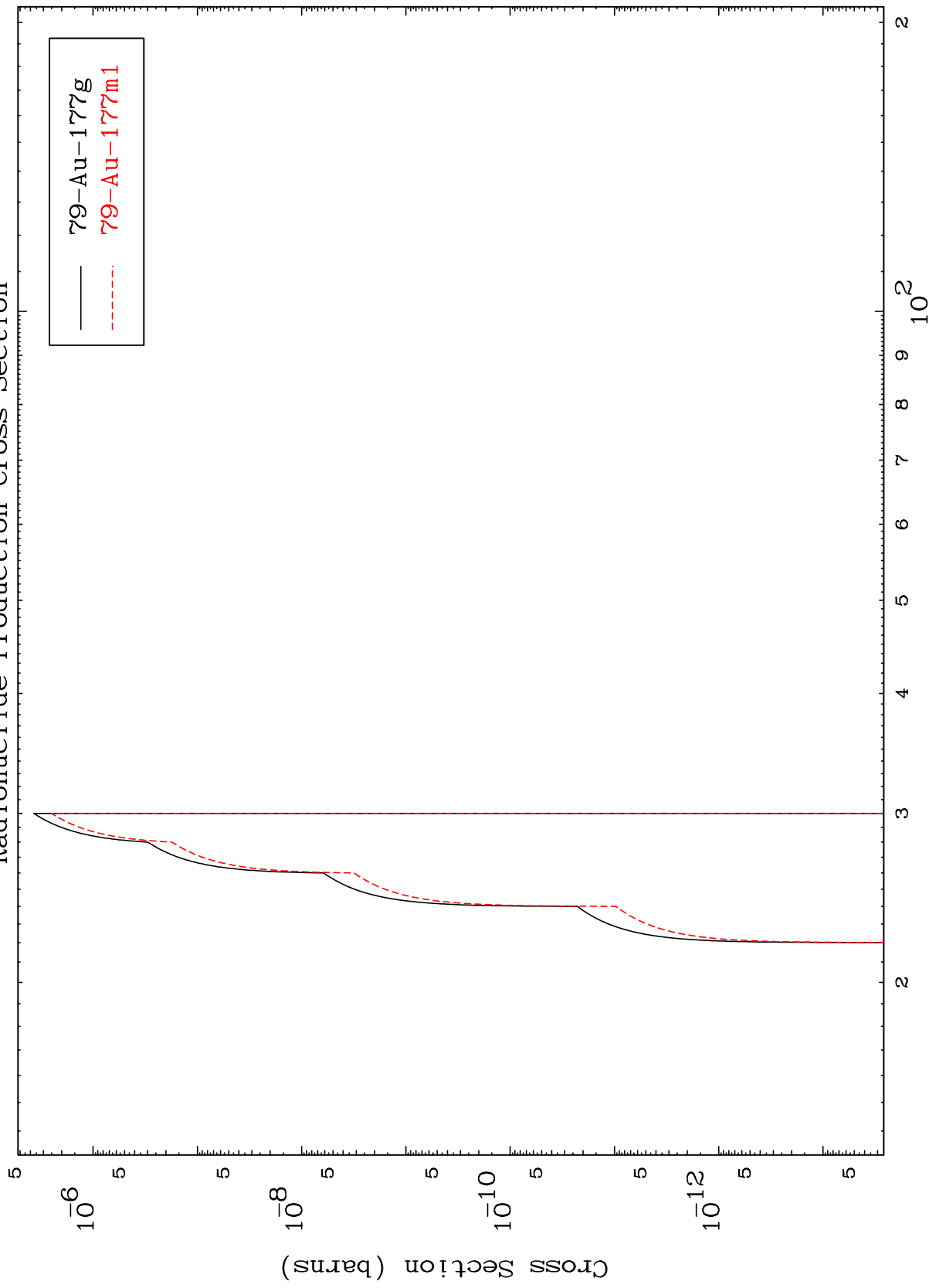
Incident Energy (MeV)

80-Hg-180

MAT 7977

80-Hg-180

(p,p) t  
Radionuclide Production Cross Section



19

80-Hg-180

Incident Energy (MeV)