

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)

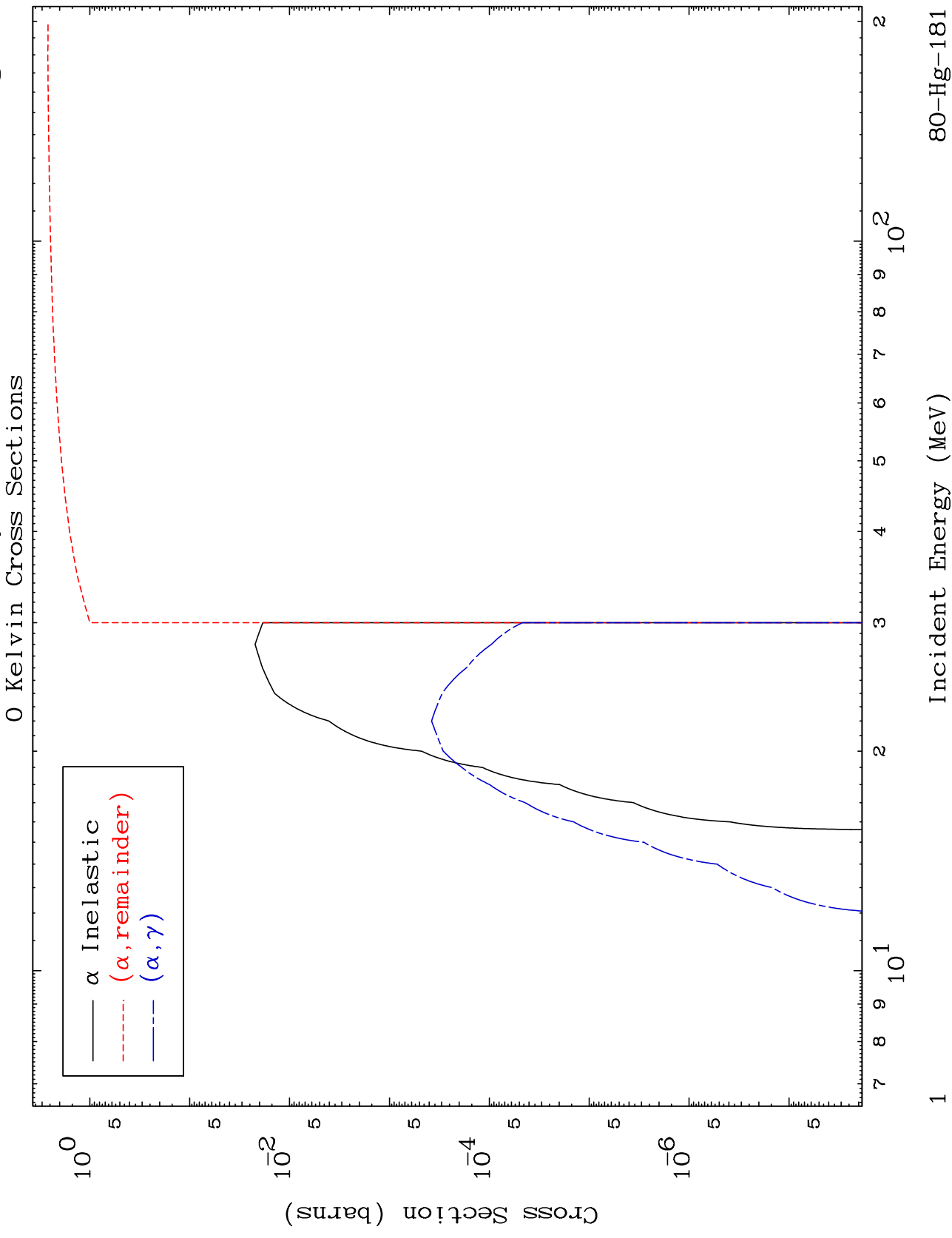
Press Mouse Button to Start

MAT 7980

0 Kelvin

$\alpha$  Major

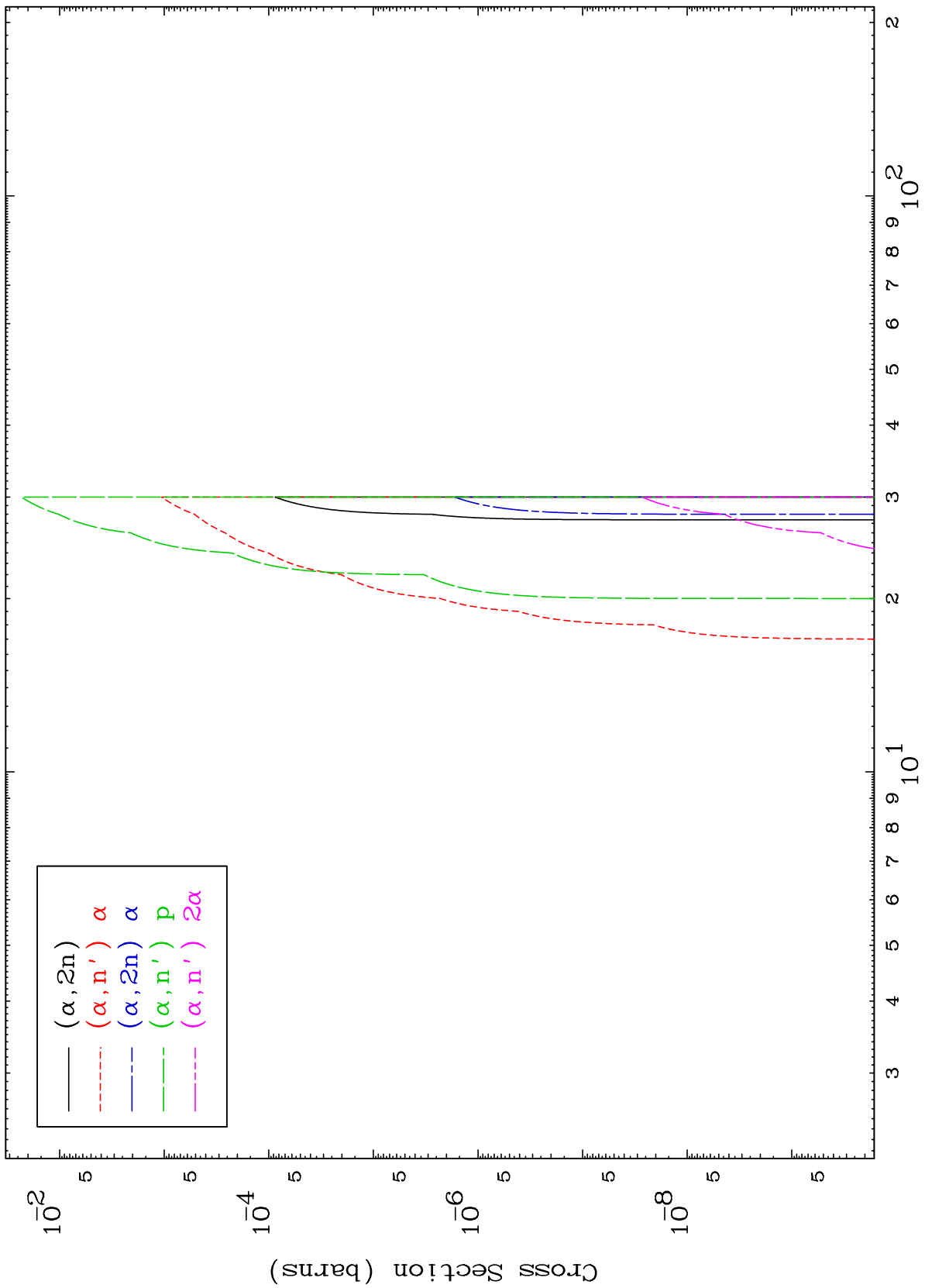
80-Hg-181

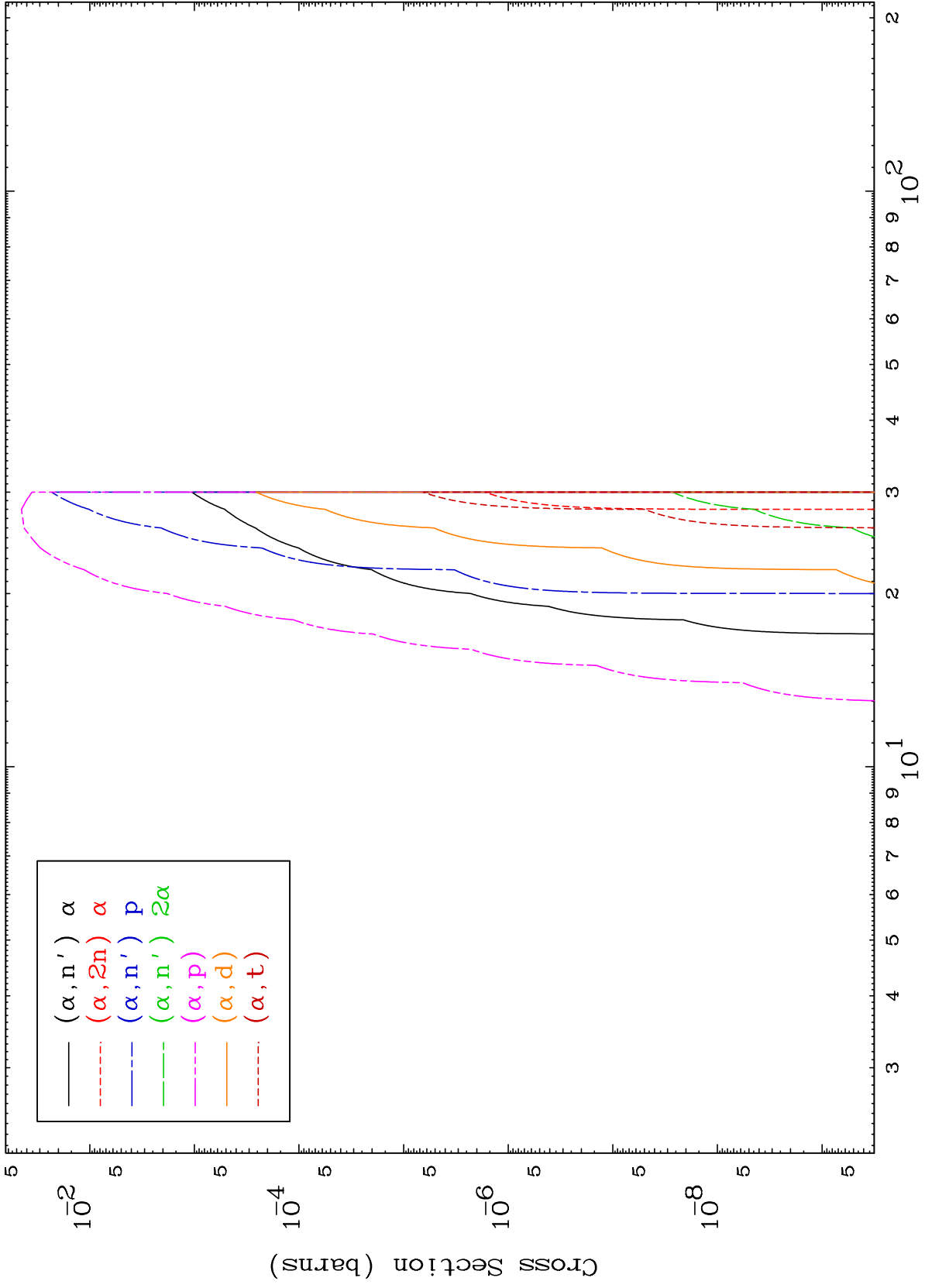


80-Hg-181

Incident Energy (MeV)

1

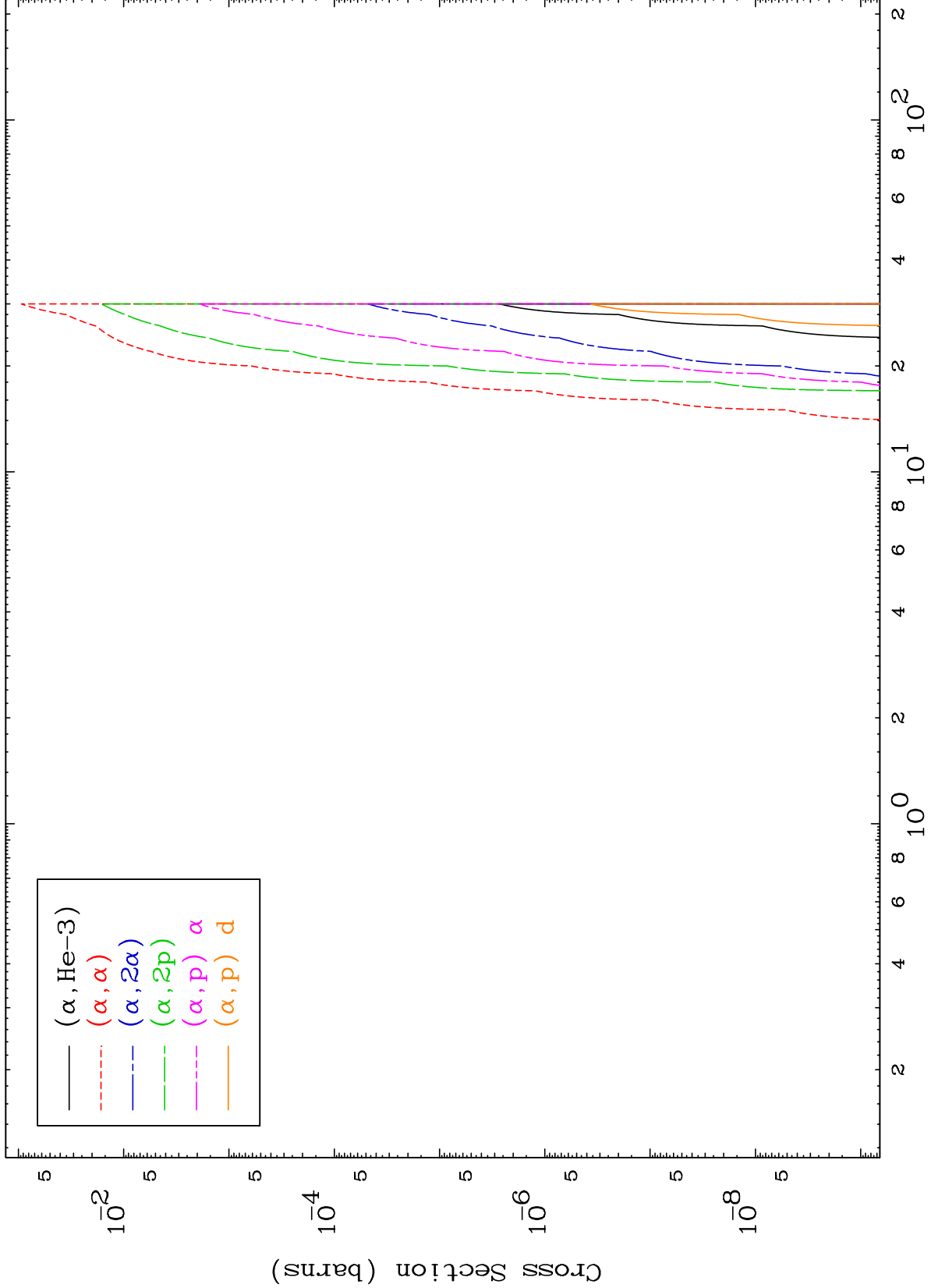




MAT 7980

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

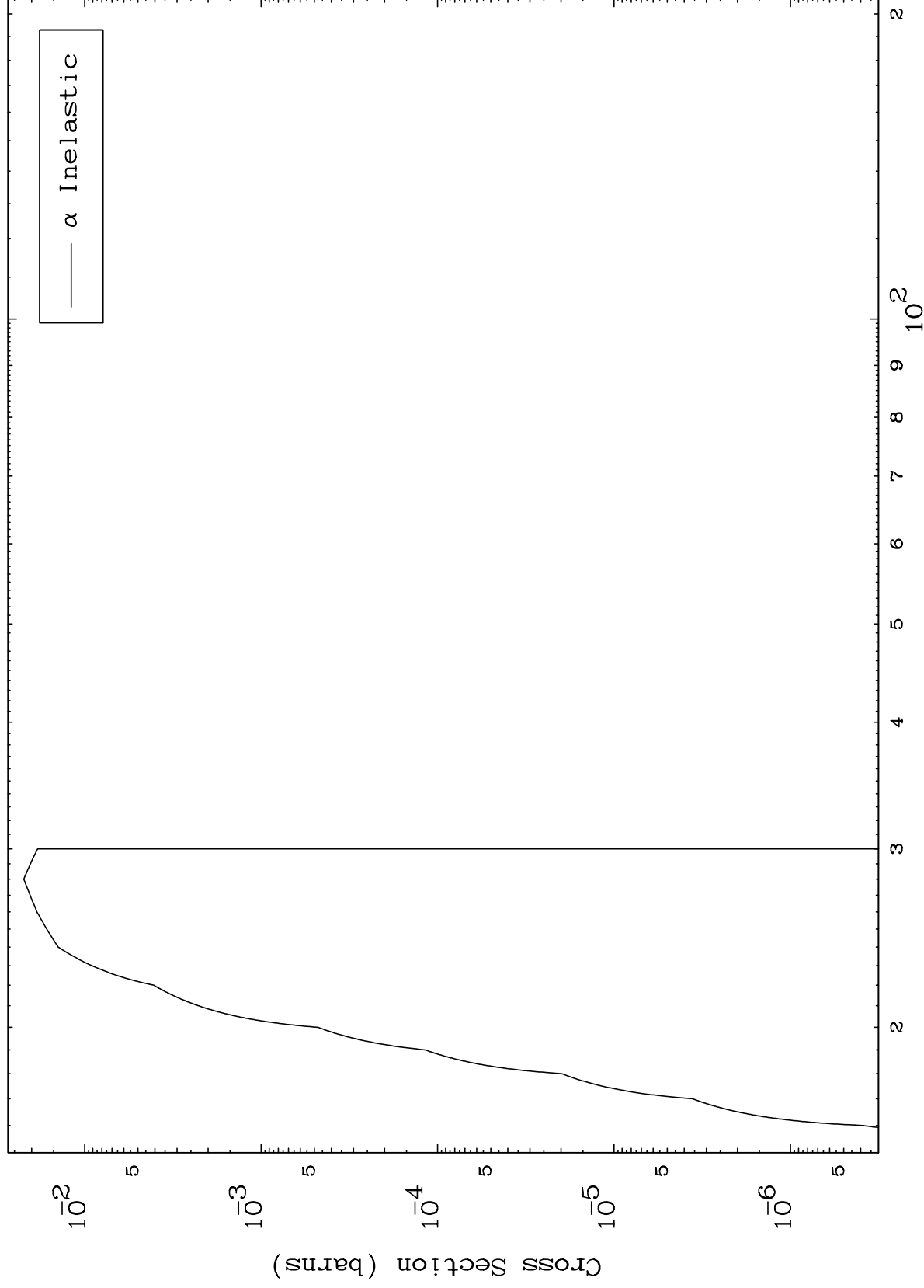
80-Hg-181



MAT 7980

80-Hg-181

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections



80-Hg-181

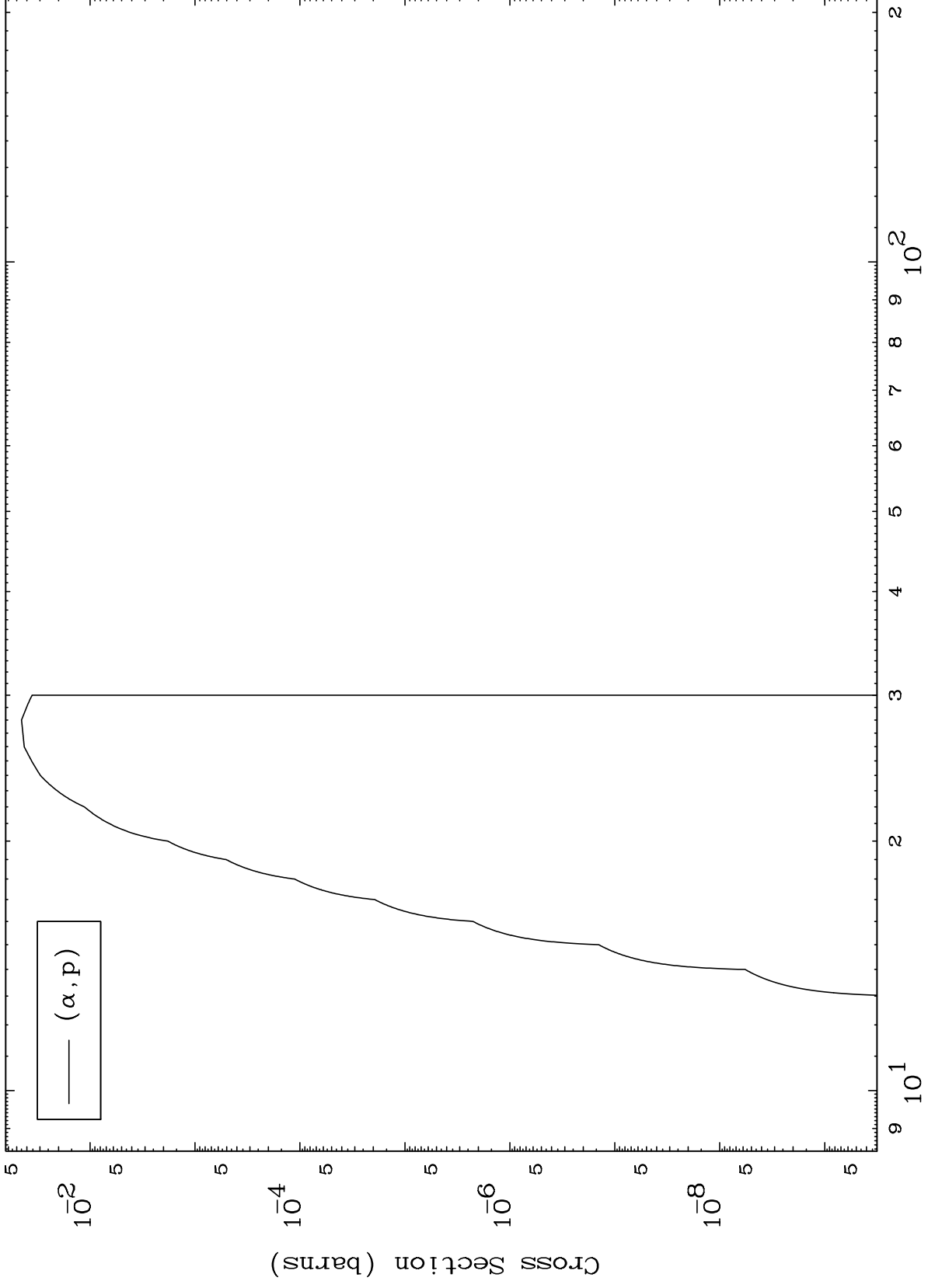
Incident Energy (MeV)

5

MAT 7980

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

80-Hg-181



6

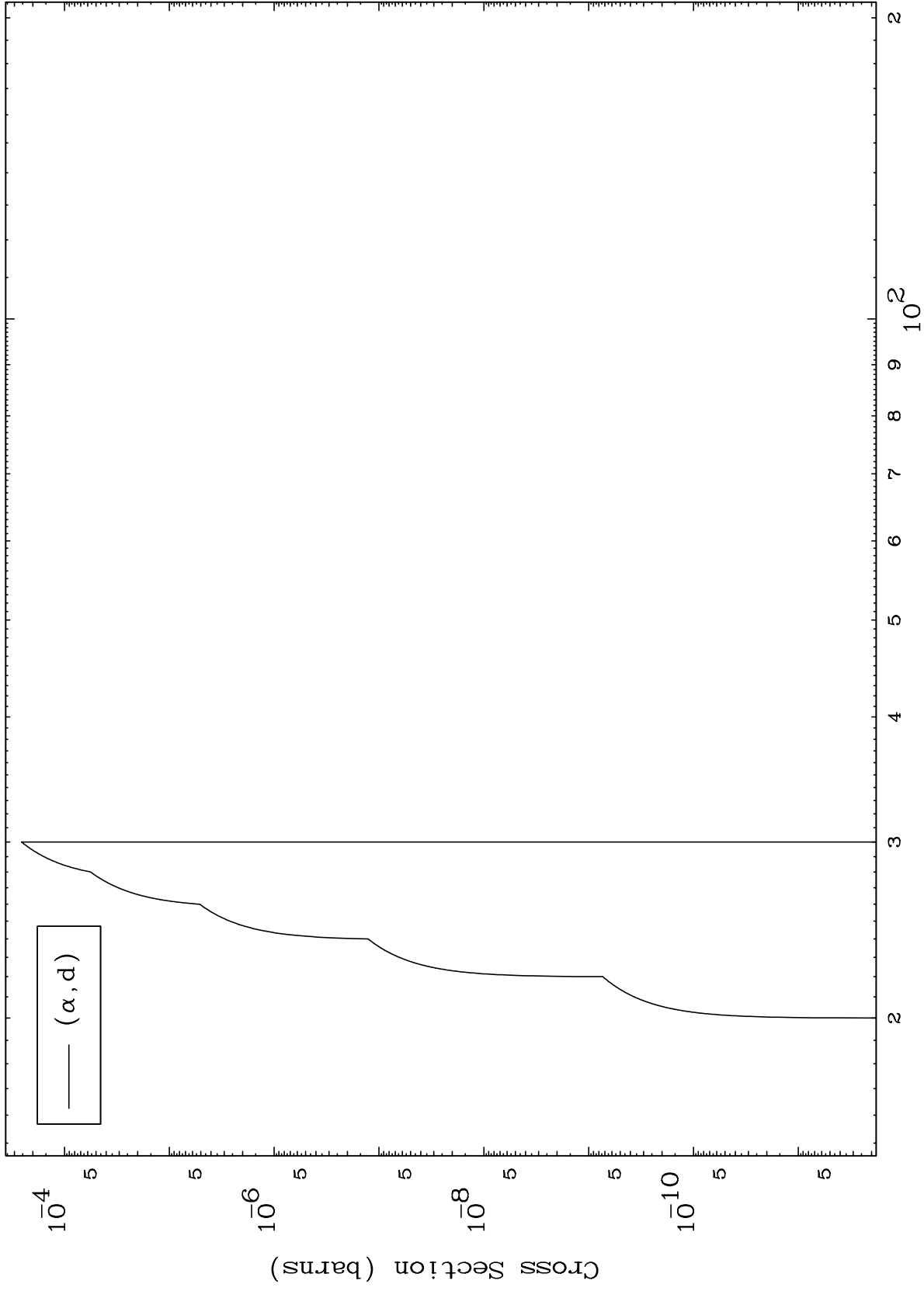
Incident Energy (MeV)

80-Hg-181

MAT 7980

80-Hg-181

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



80-Hg-181

Incident Energy (MeV)

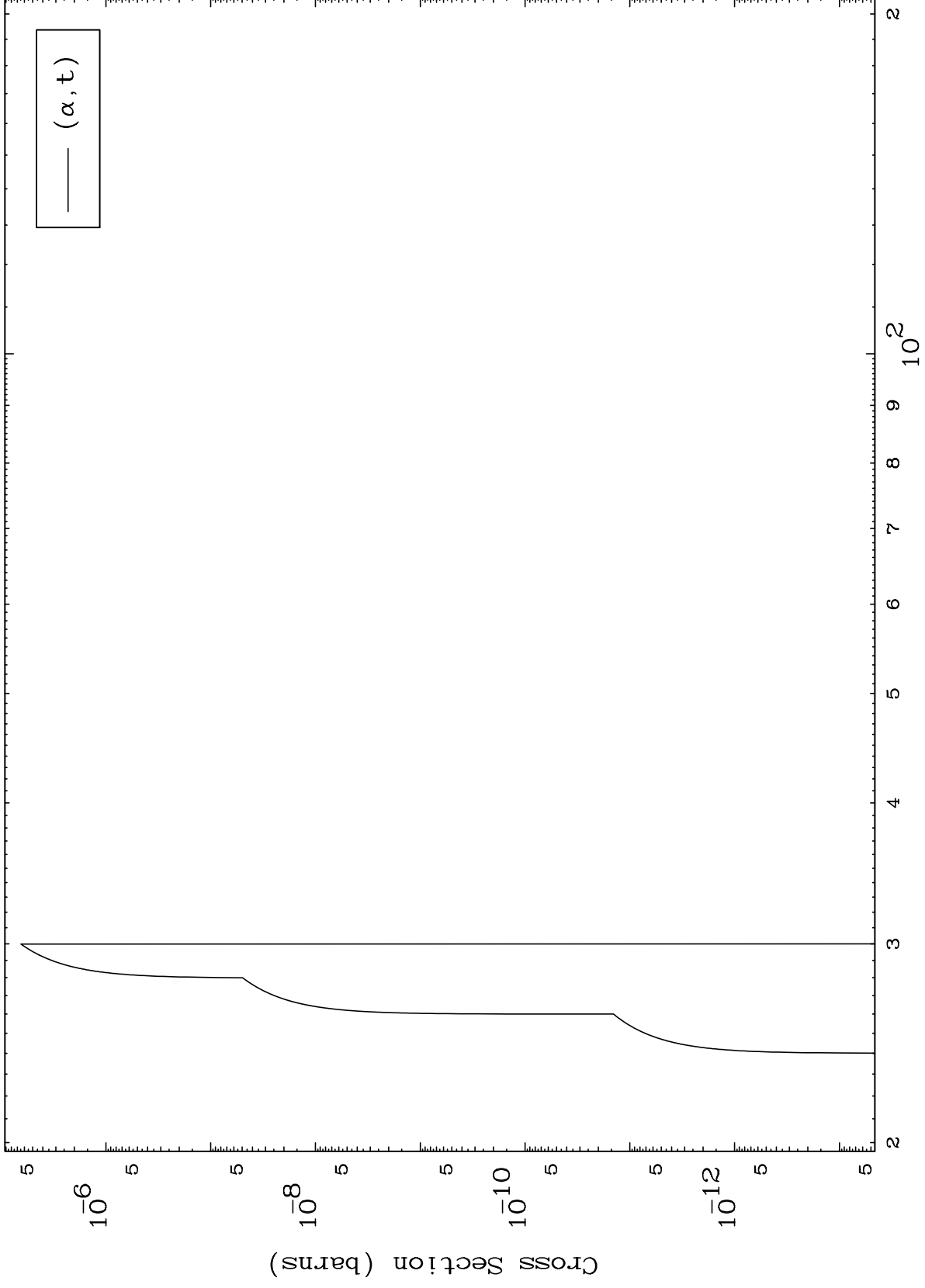
7



MAT 7980

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

80-Hg-181



8

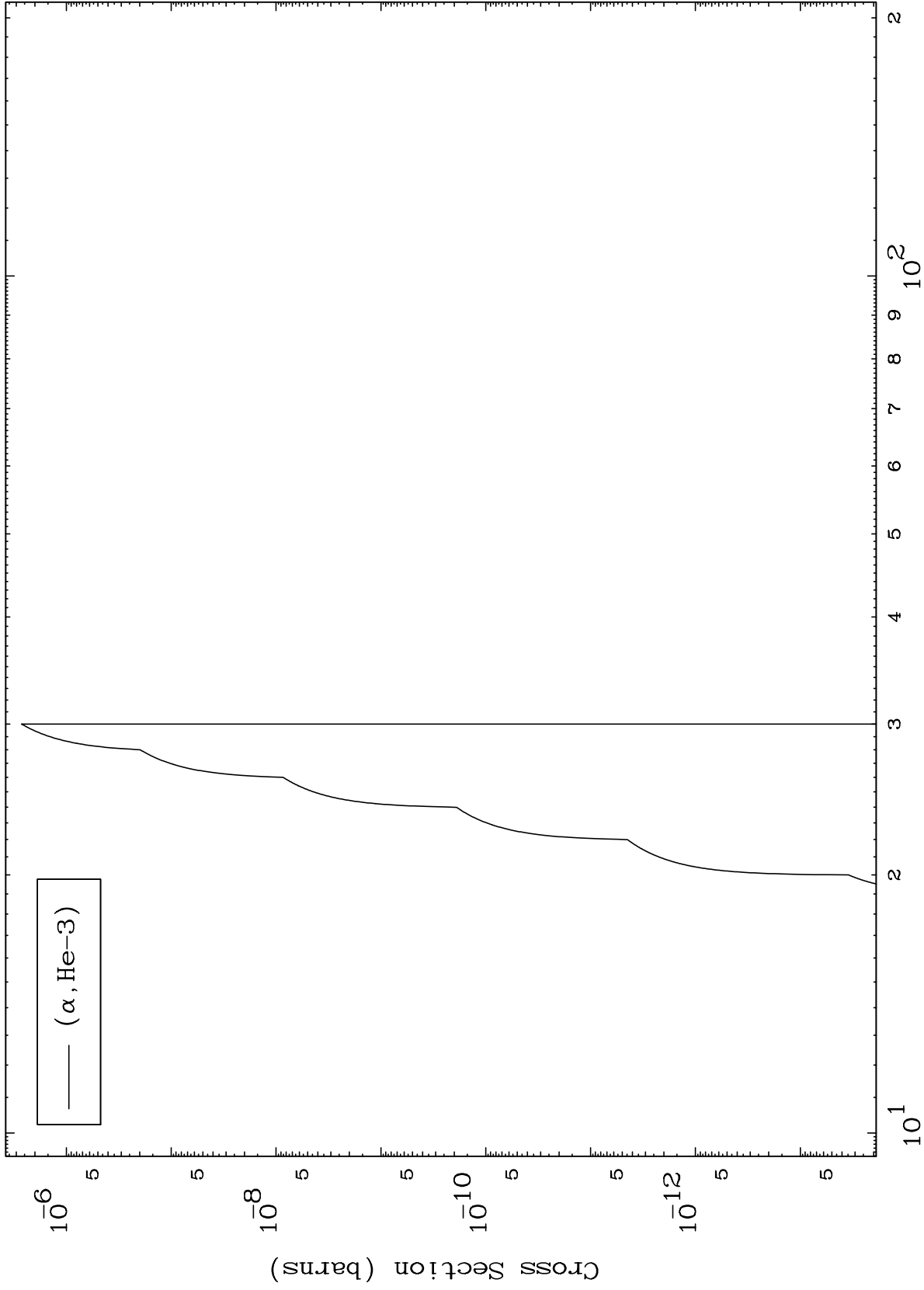
Incident Energy (MeV)

80-Hg-181

MAT 7980

( $\alpha$ , He3) Levels  
0 Kelvin Cross Sections

80-Hg-181



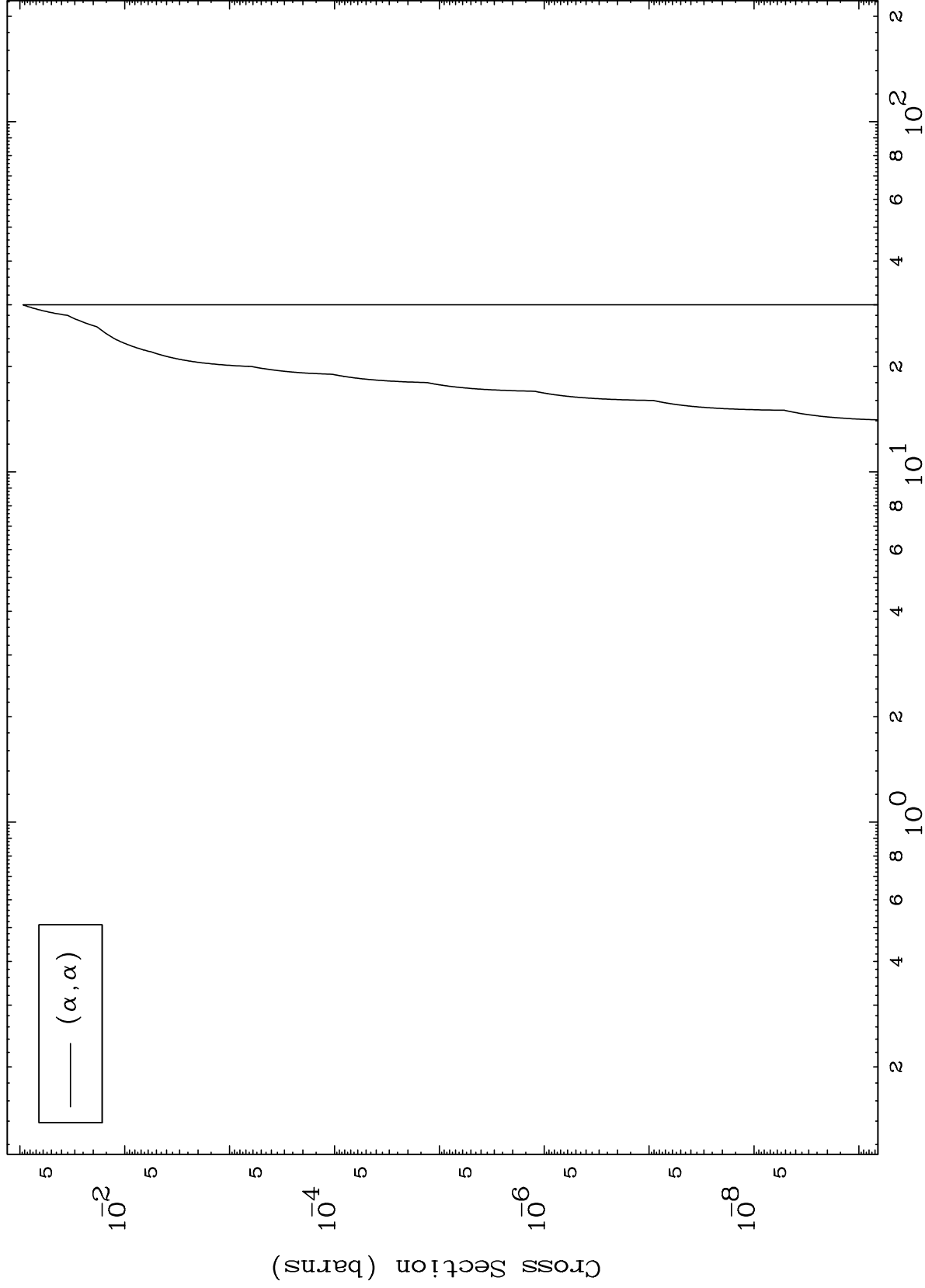
Incident Energy (MeV)

80-Hg-181

MAT 7980

80-Hg-181

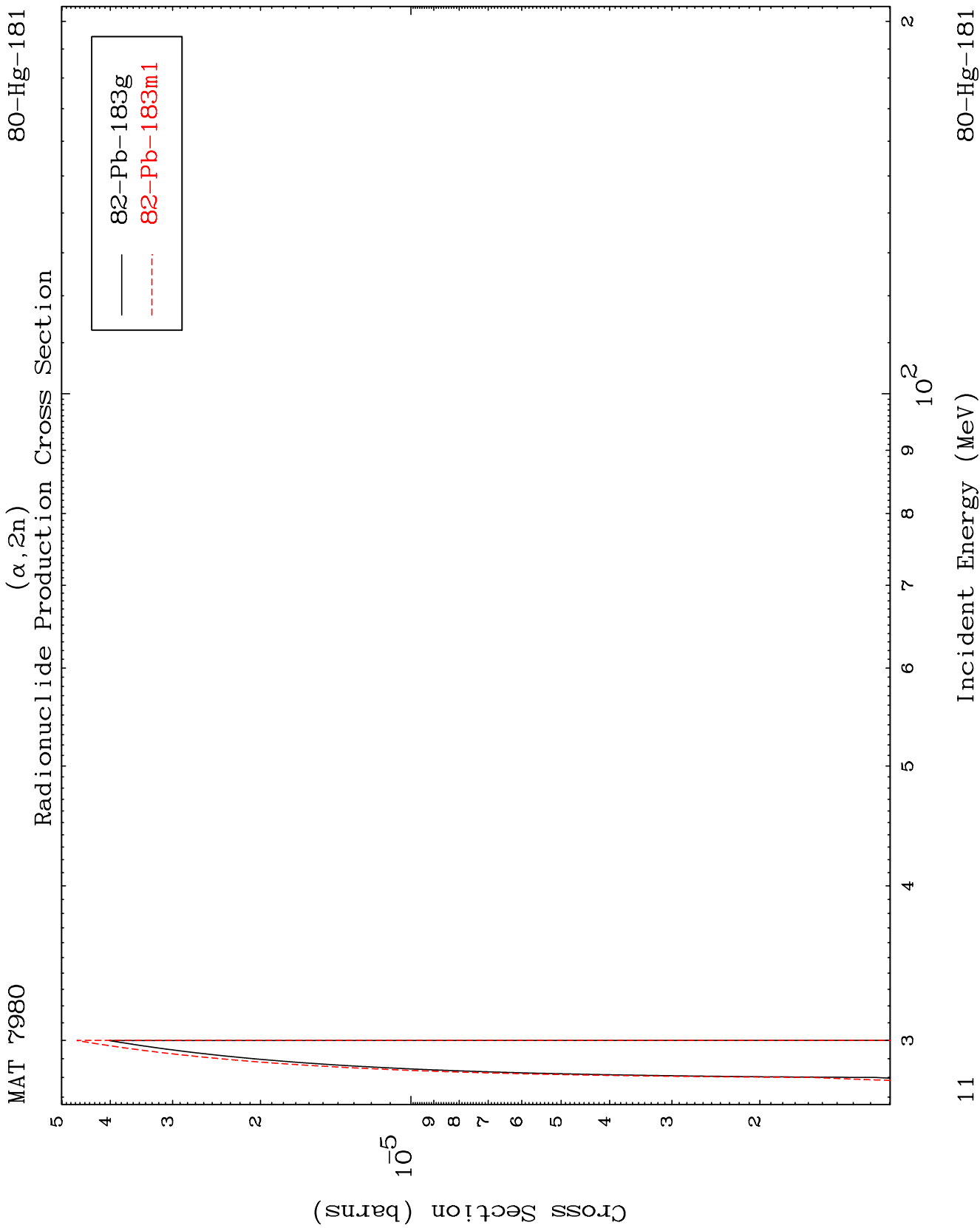
( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections



10

Incident Energy (MeV)

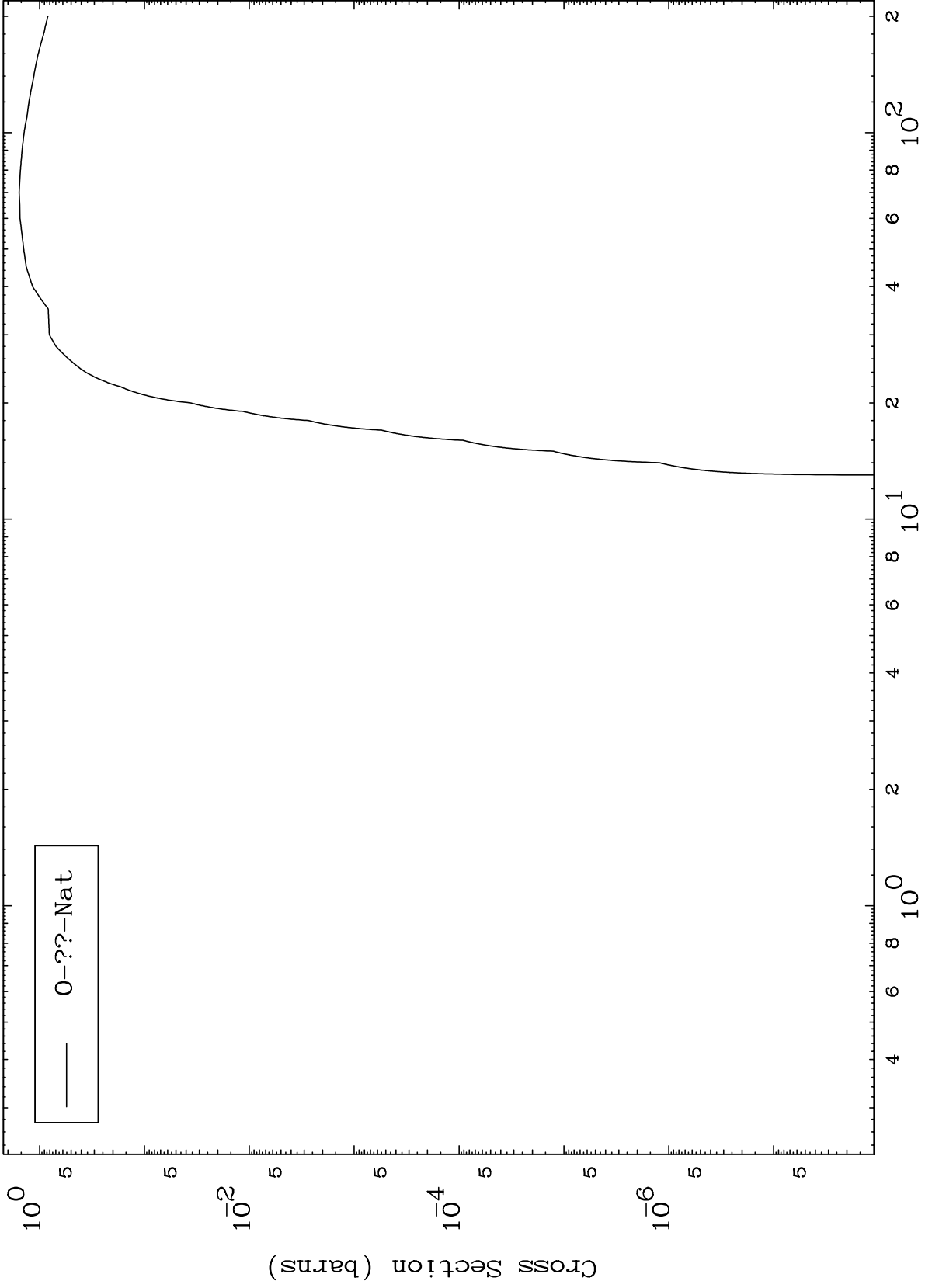
80-Hg-181



MAT 7980

80-Hg-181

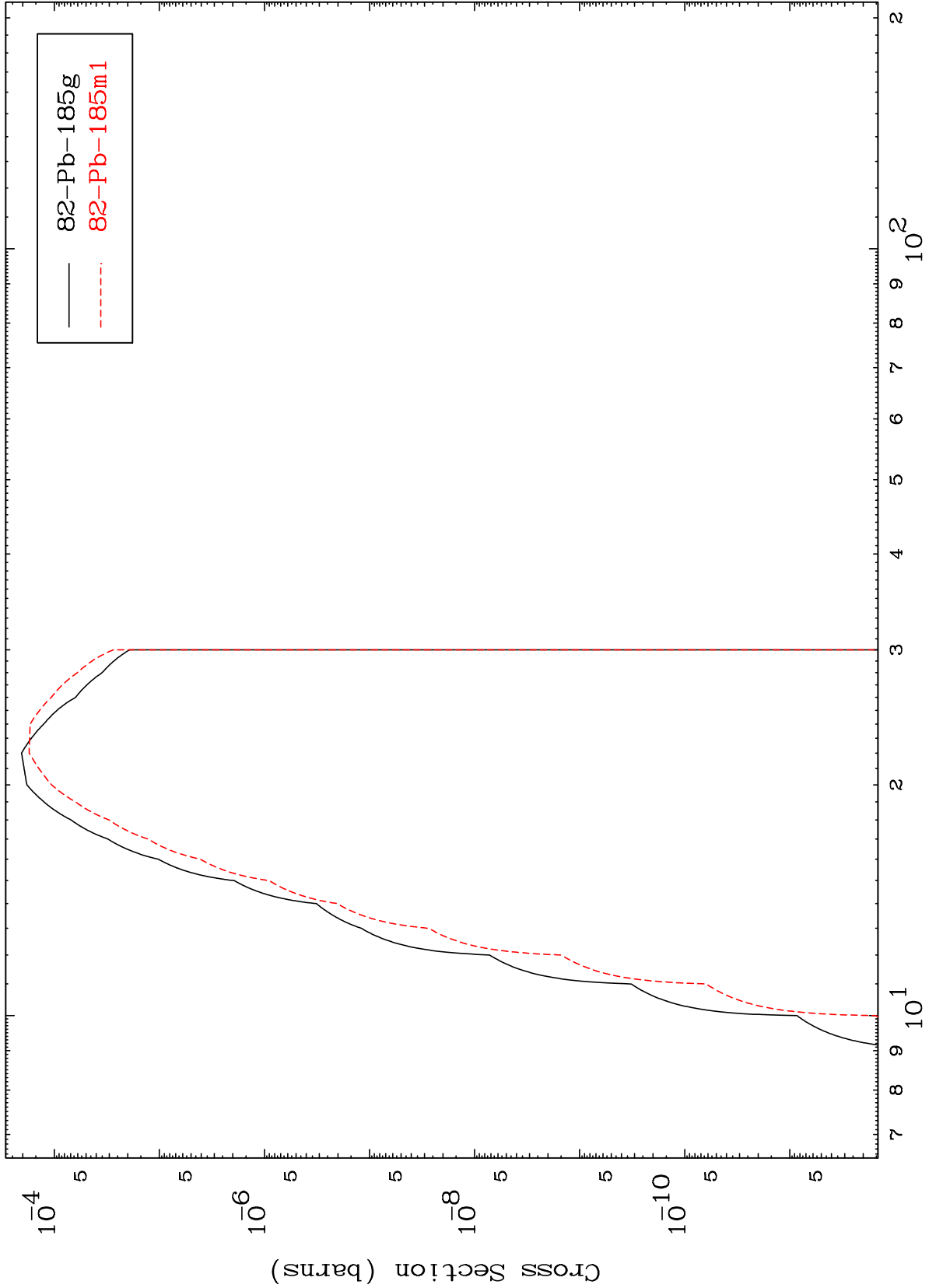
$\alpha$  Fission  
Radionuclide Production Cross Section



MAT 7980

80-Hg-181

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



13

Incident Energy (MeV)

80-Hg-181