

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)

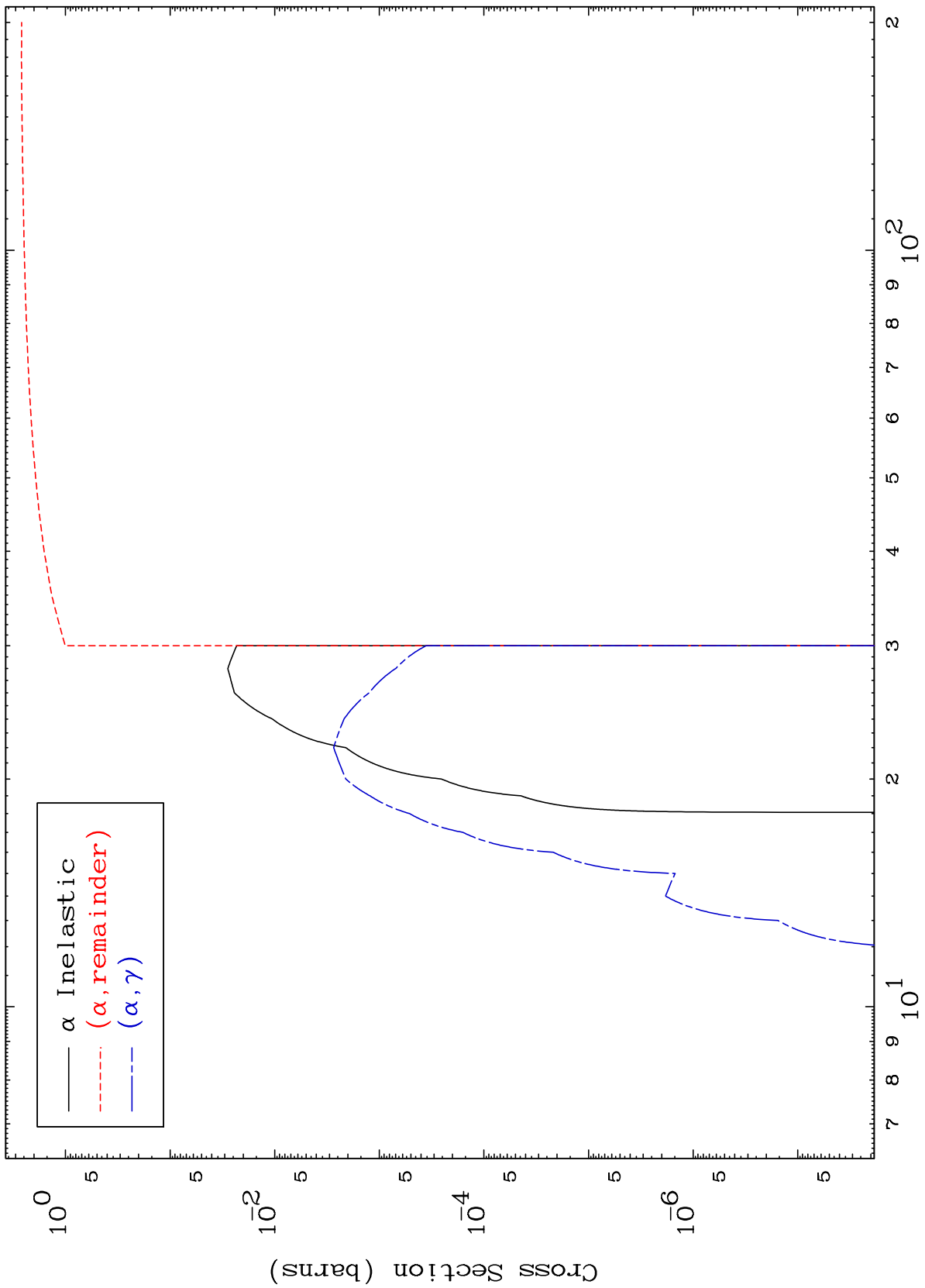
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7983

0 Kelvin  $\alpha$  Major  
Cross Sections

80-Hg-182



1

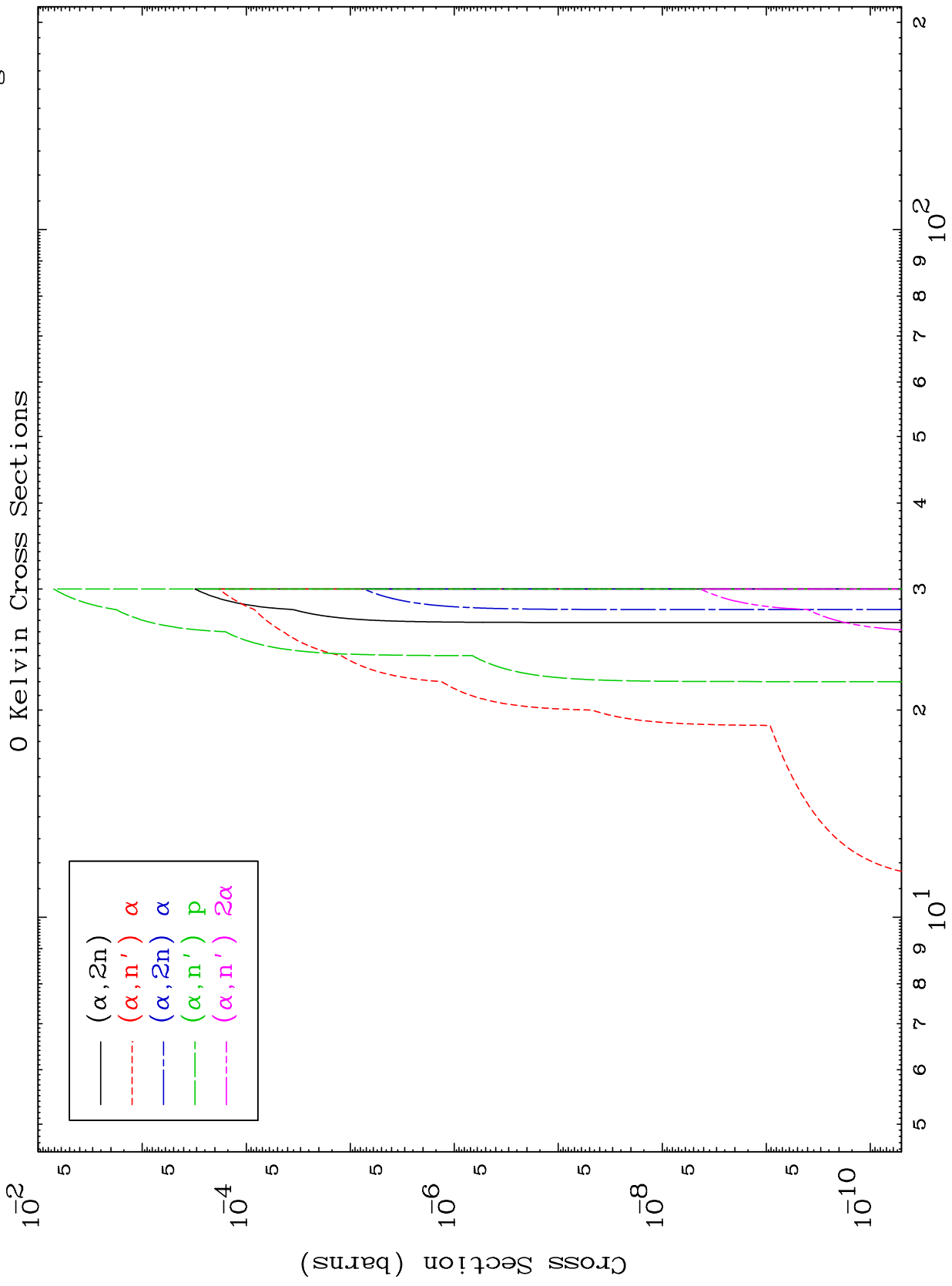
Incident Energy (MeV)

80-Hg-182

MAT 7983

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

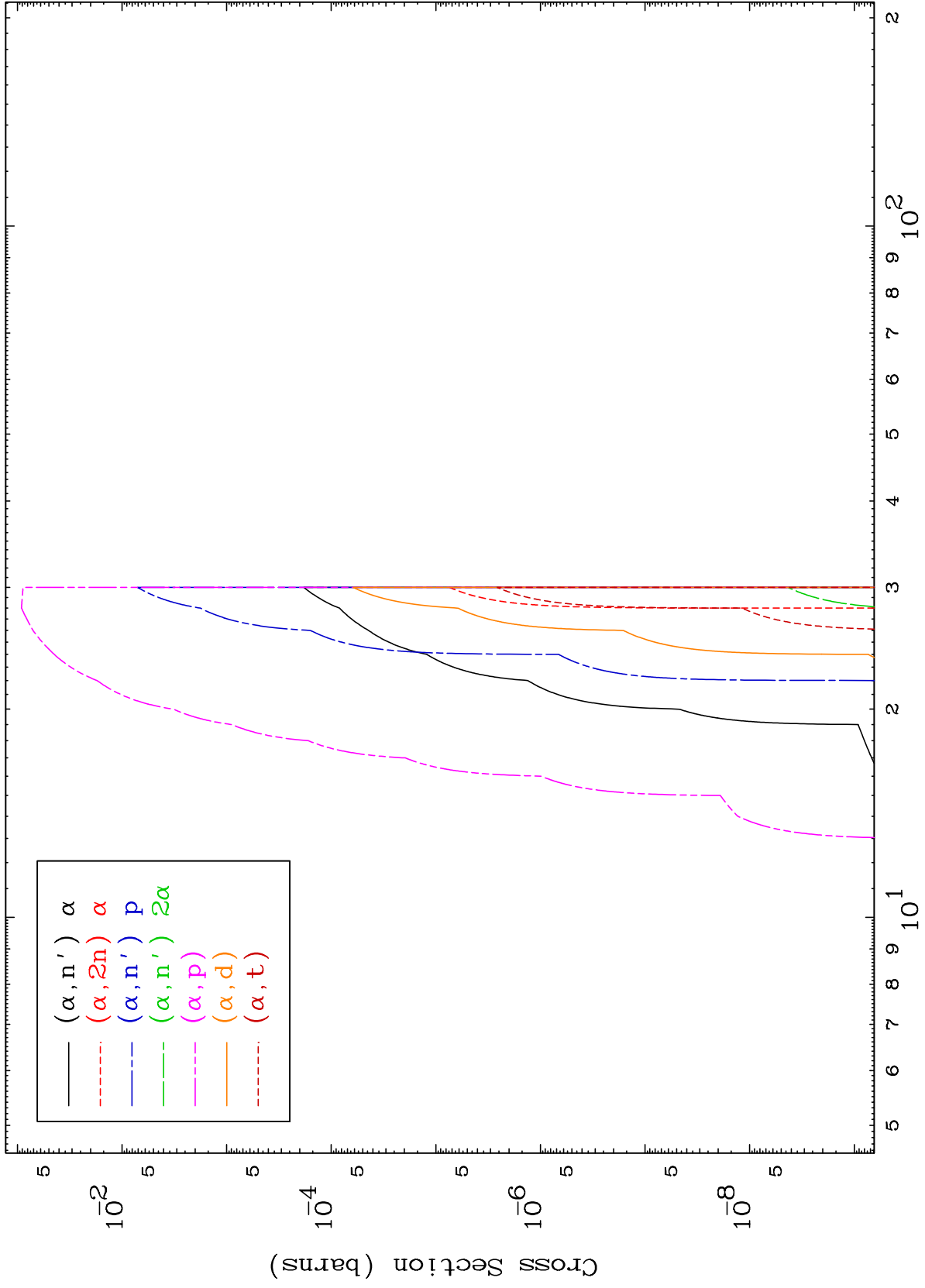
80-Hg-182

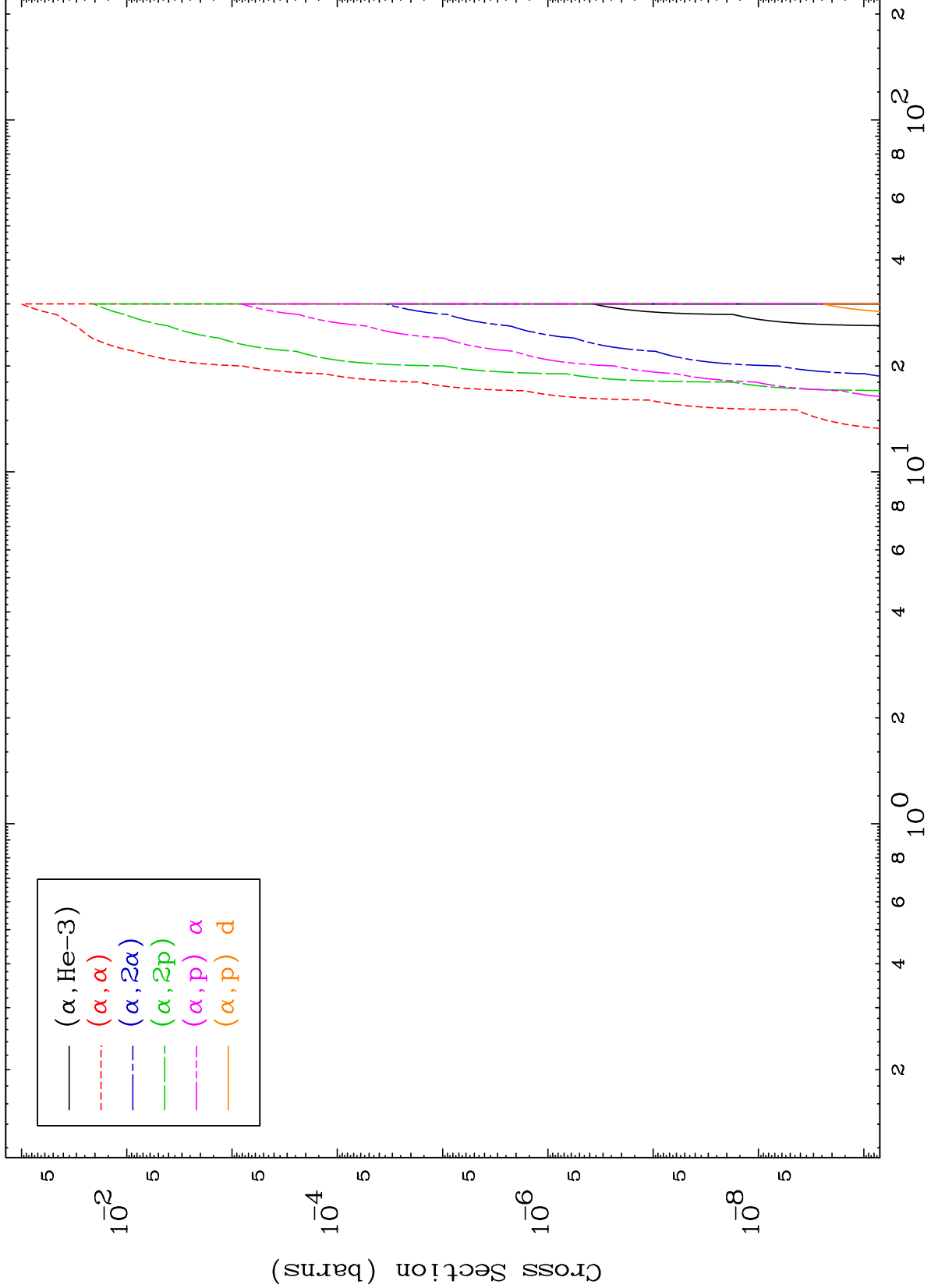


2

Incident Energy (MeV)

80-Hg-182



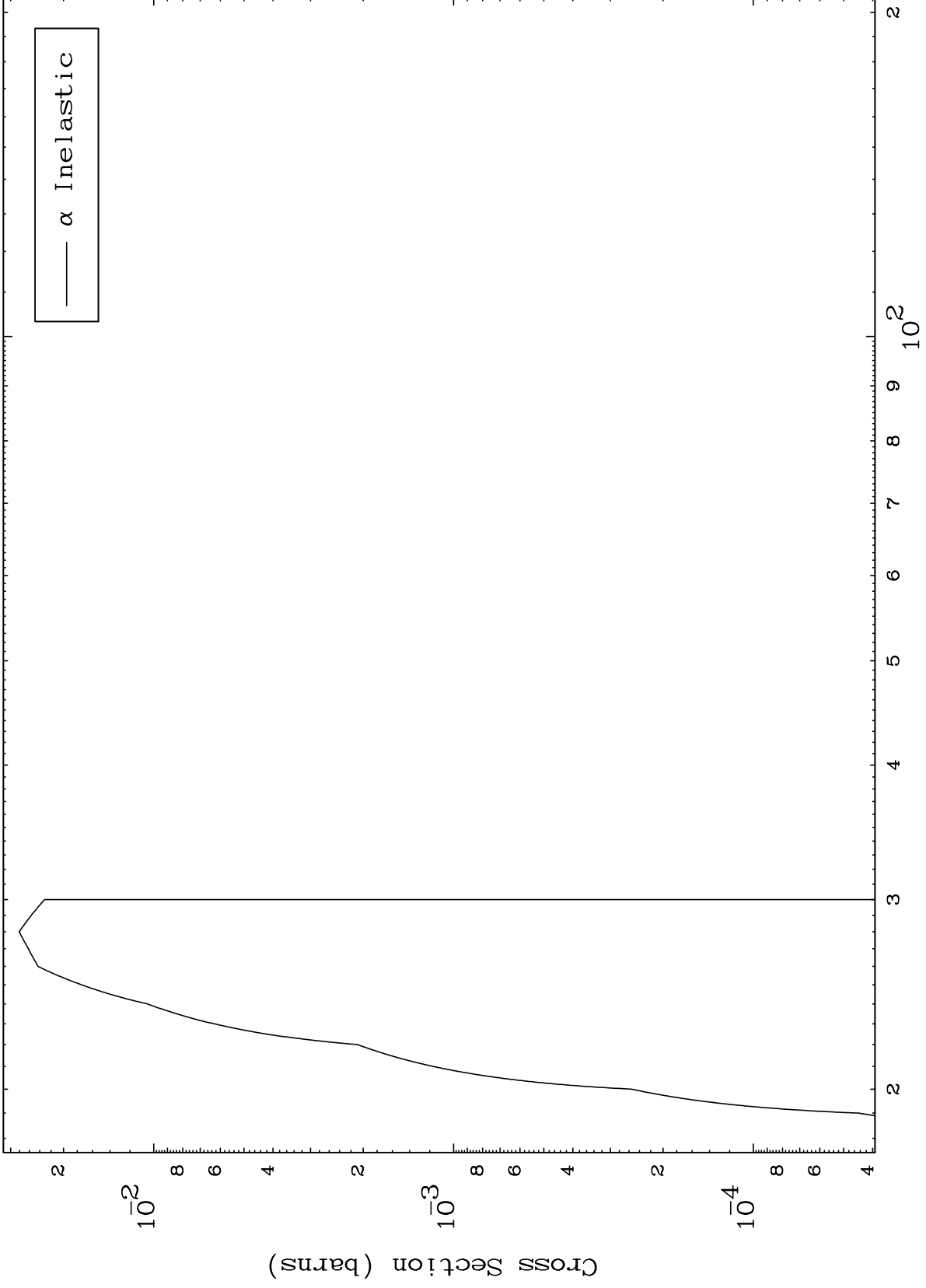


MAT 7983

( $\alpha, n'$ ) Level

80-Hg-182

0 Kelvin Cross Sections



5

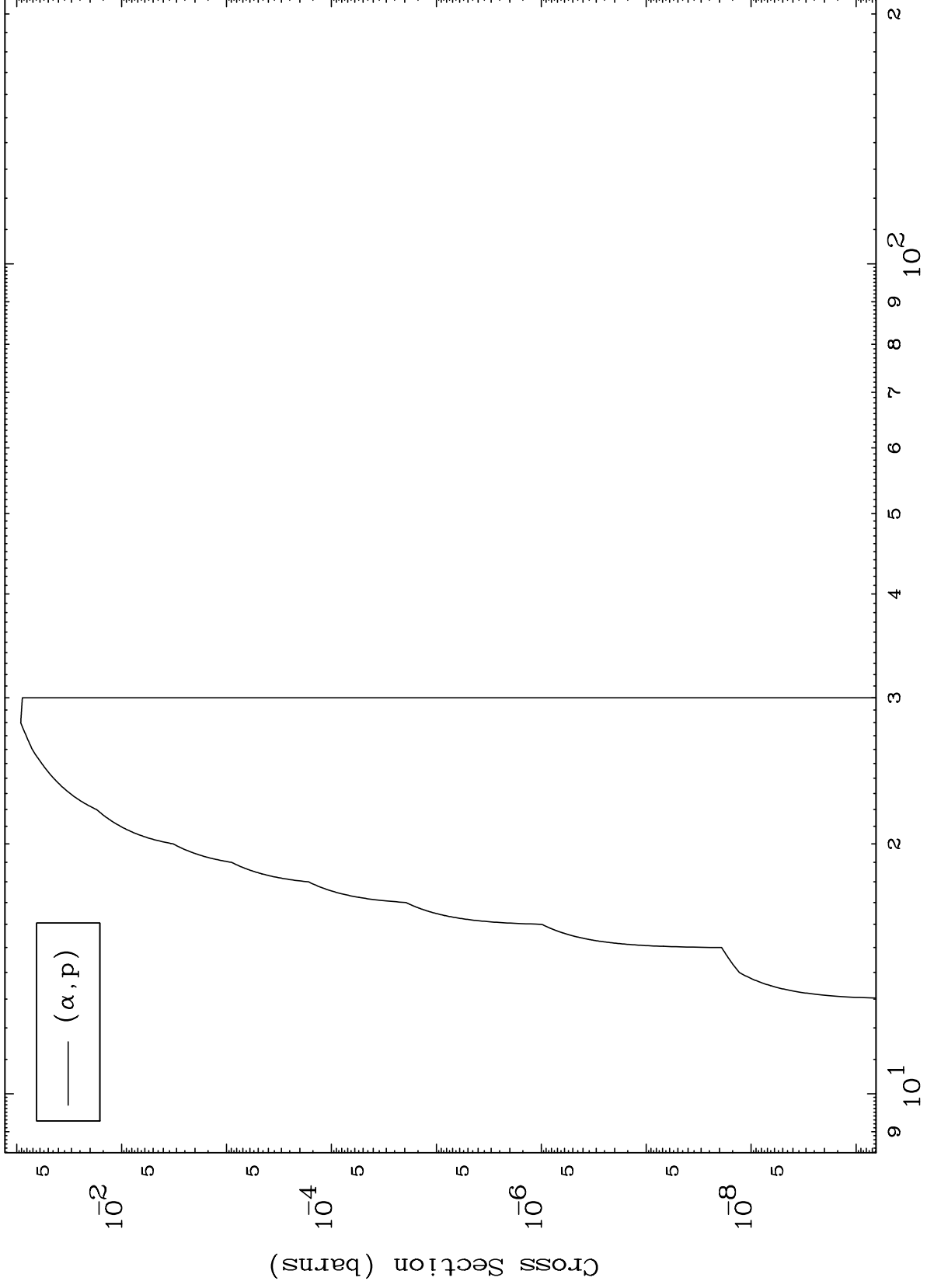
Incident Energy (MeV)

80-Hg-182

MAT 7983

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

80-Hg-182



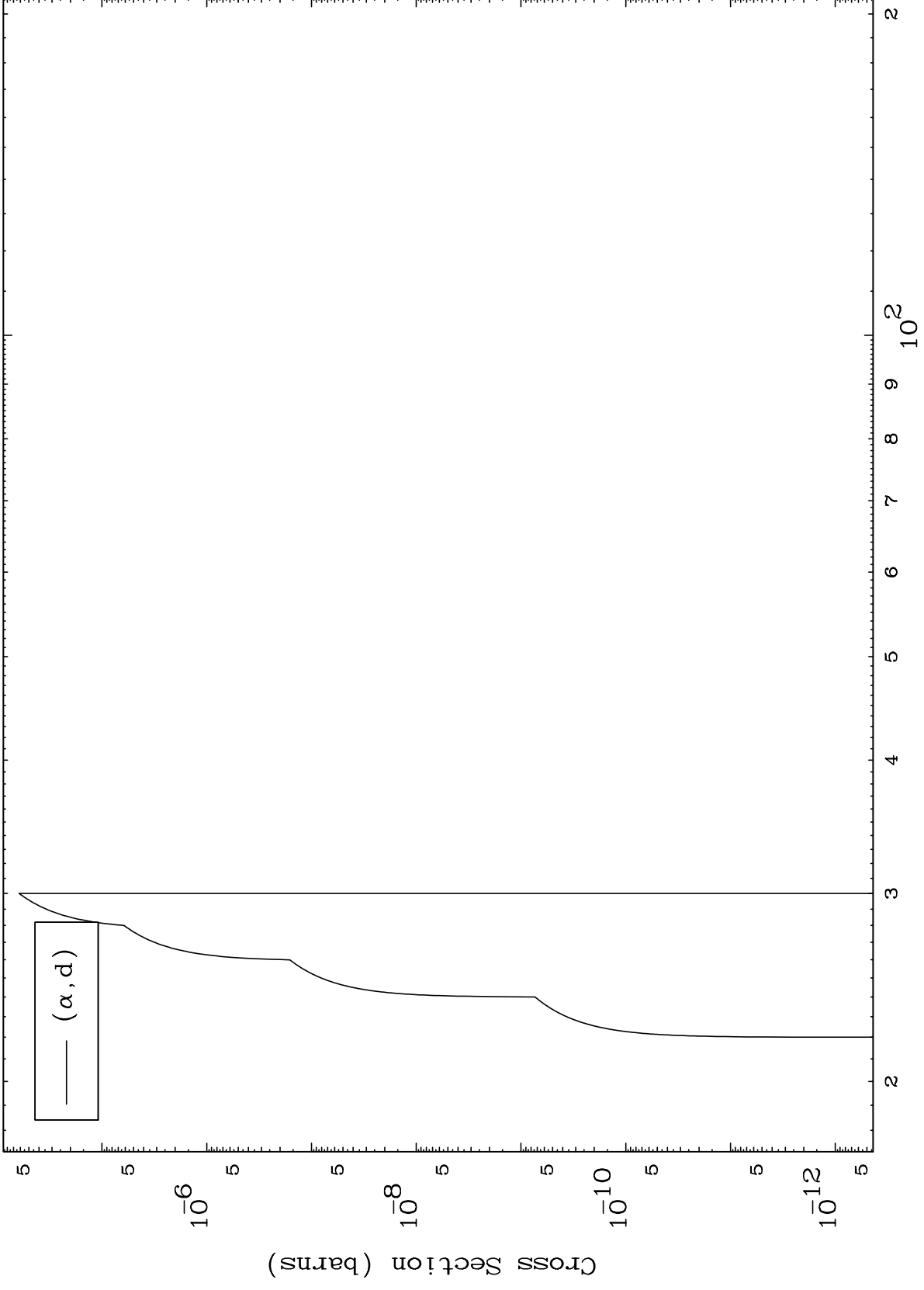
Incident Energy (MeV)

80-Hg-182

MAT 7983

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

80-Hg-182



7

Incident Energy (MeV)

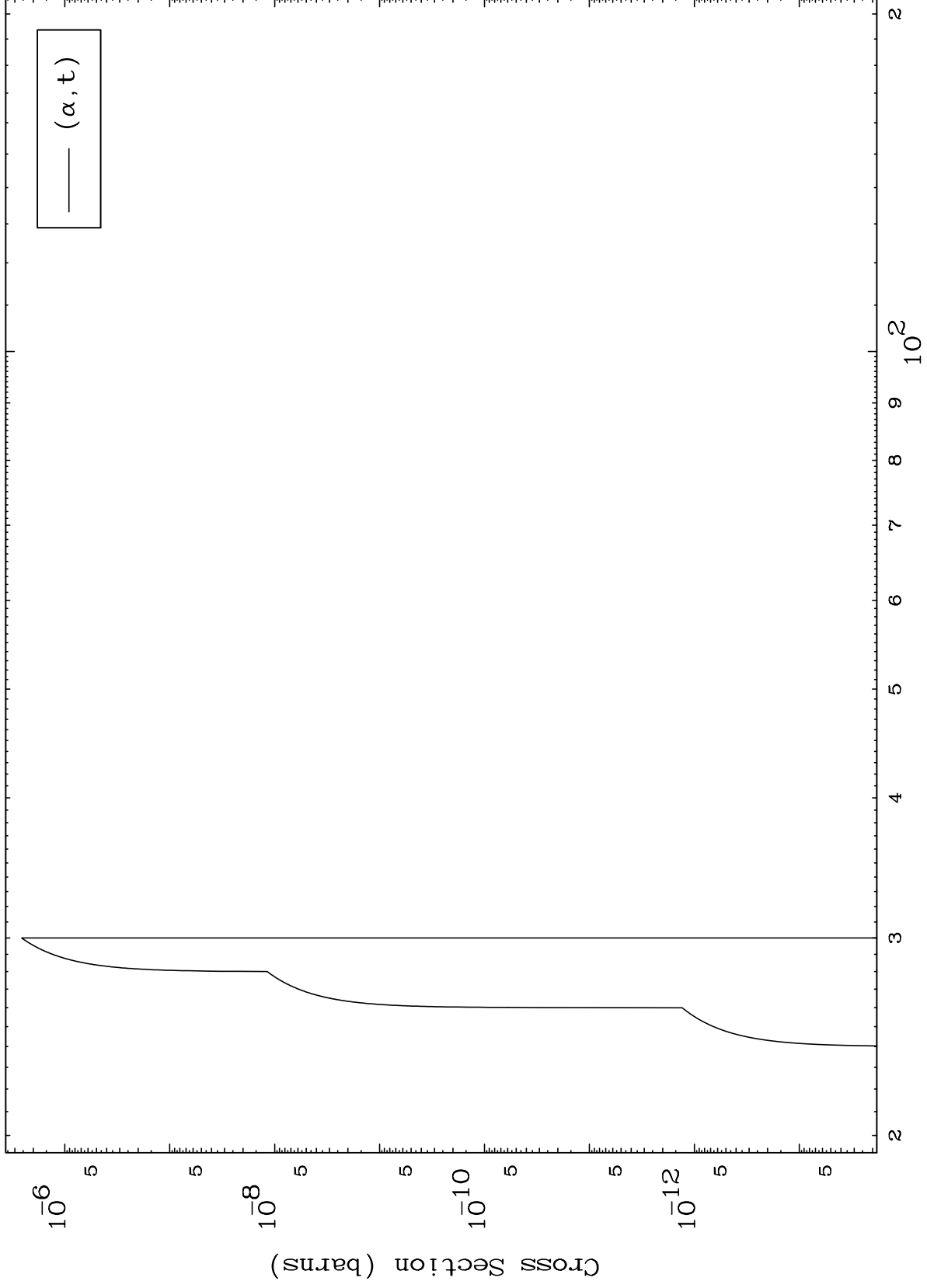
80-Hg-182



MAT 7983

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

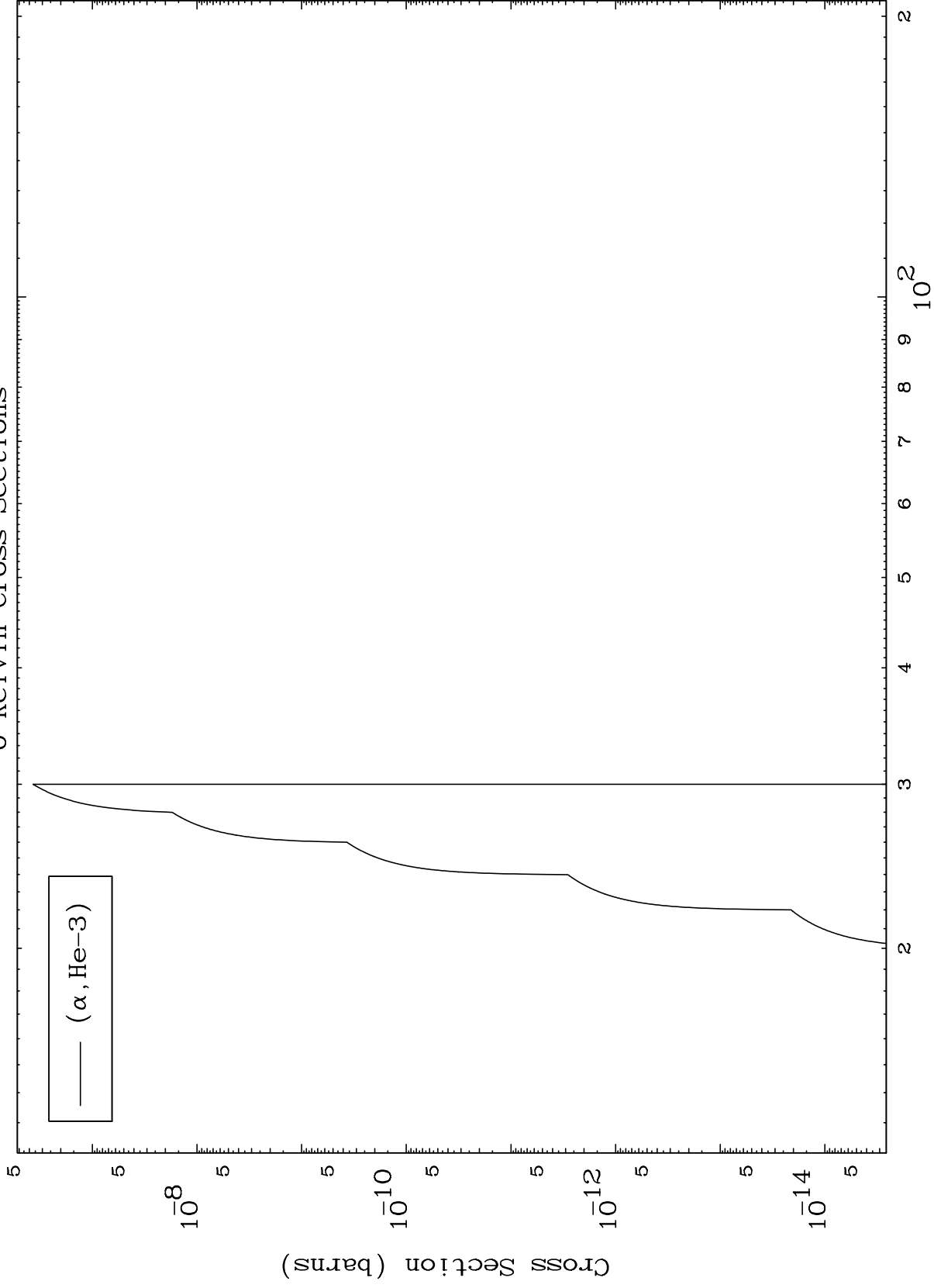
80-Hg-182



8

Incident Energy (MeV)

80-Hg-182

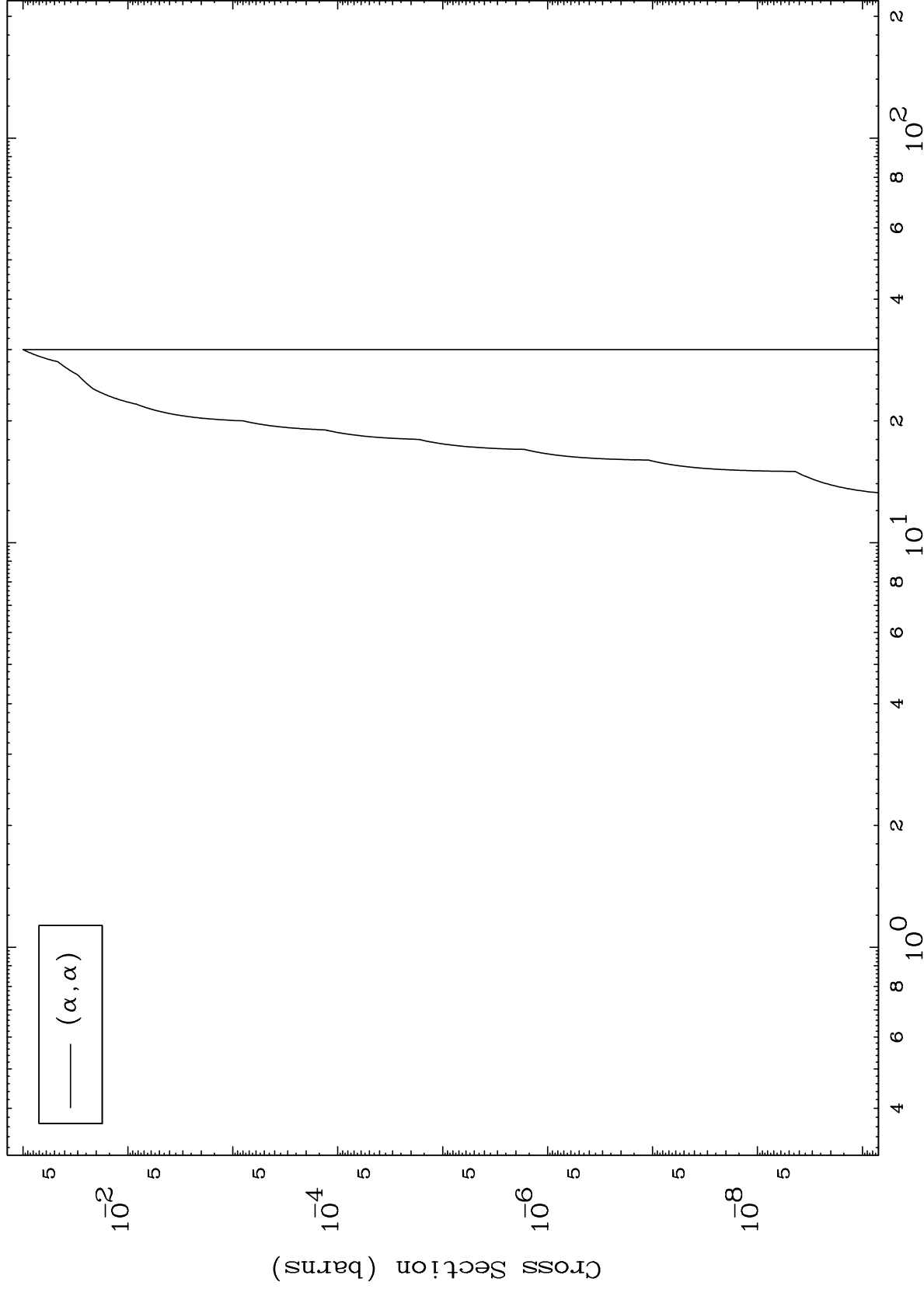


MAT 7983

( $\alpha, \alpha$ ) Levels

80-Hg-182

0 Kelvin Cross Sections



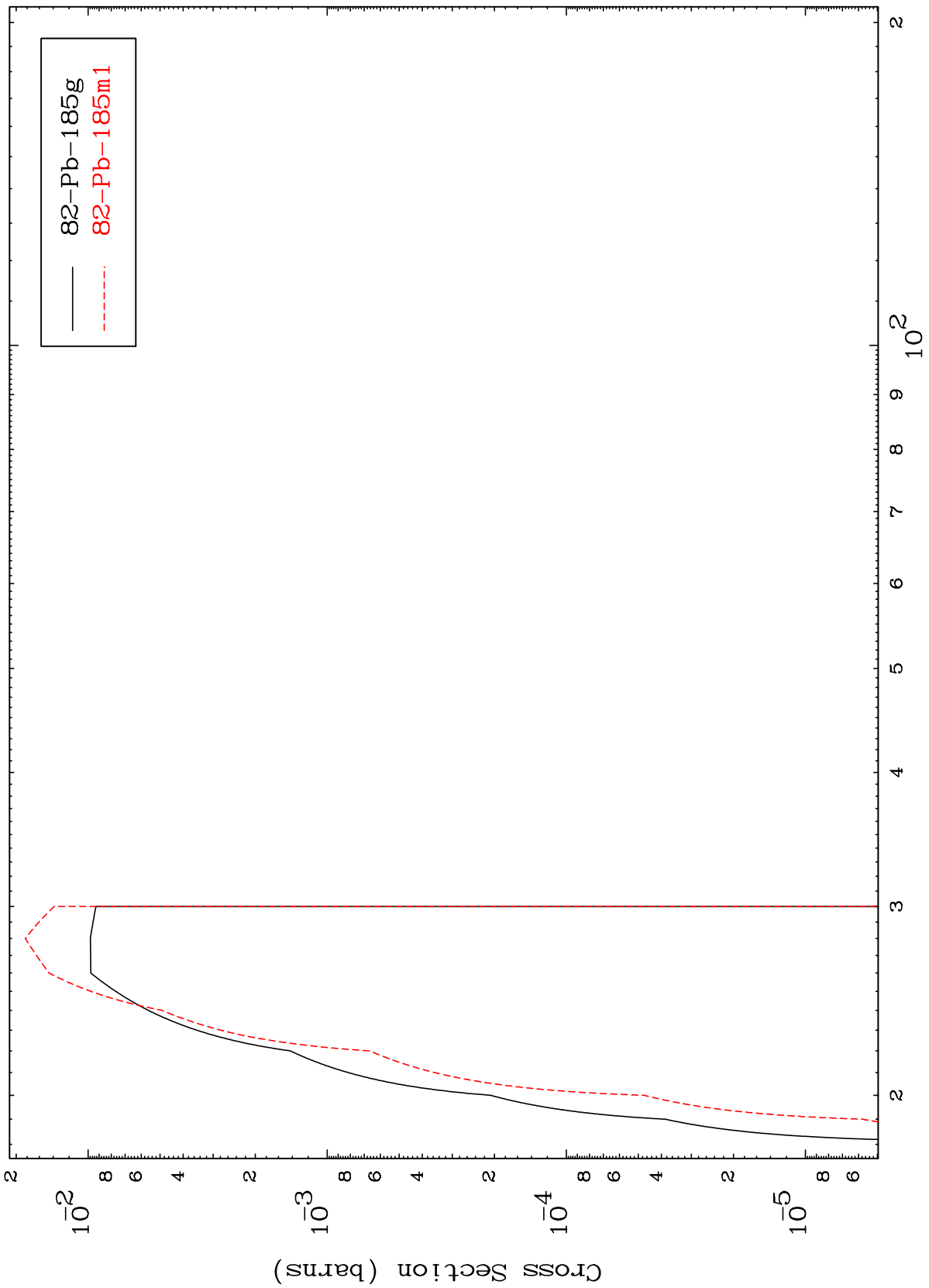
Incident Energy (MeV)

80-Hg-182

10

Radionuclide Production Cross Section

$\alpha$  Inelastic

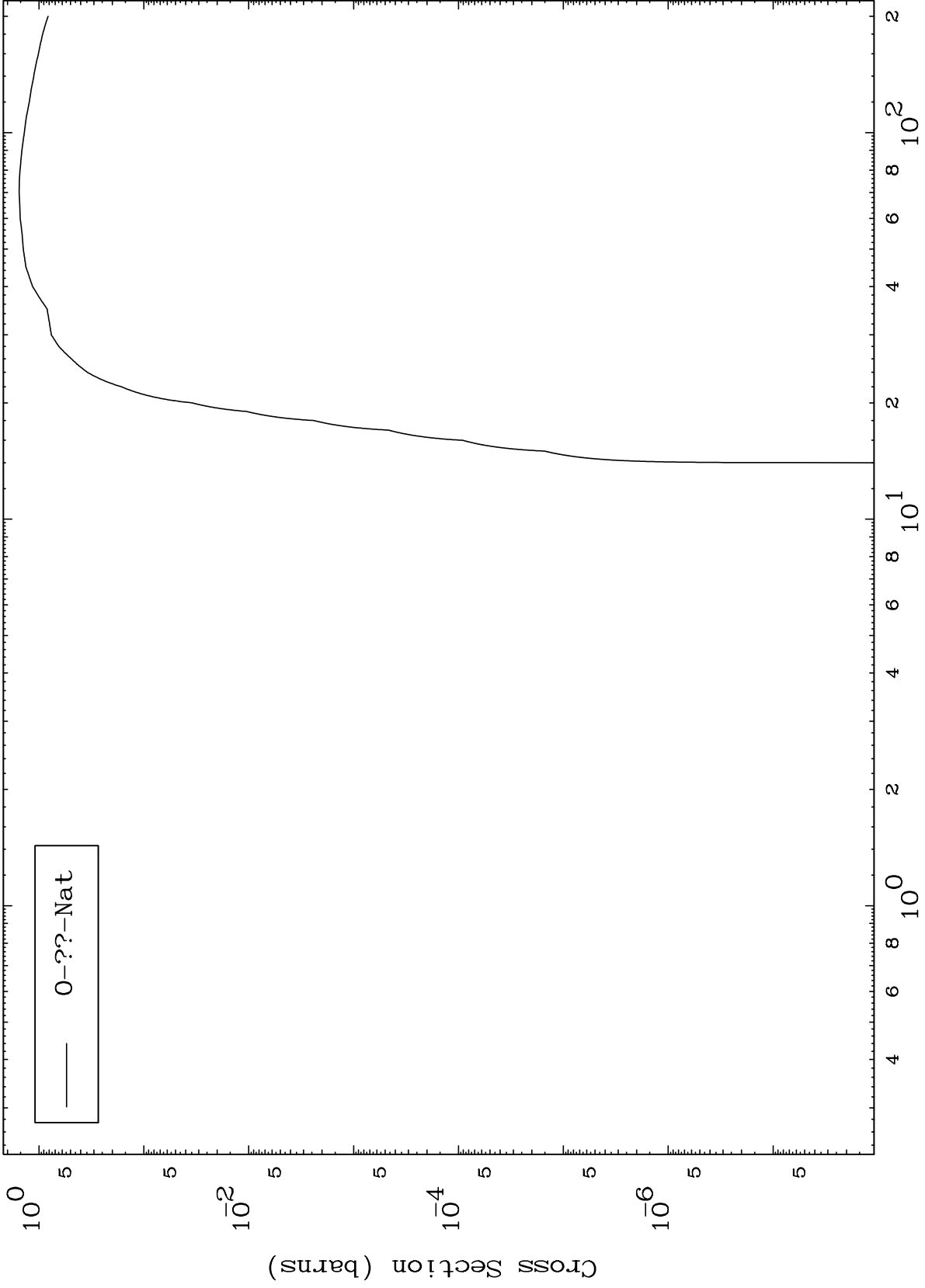


MAT 7983

$\alpha$  Fission

80-Hg-182

Radionuclide Production Cross Section



12

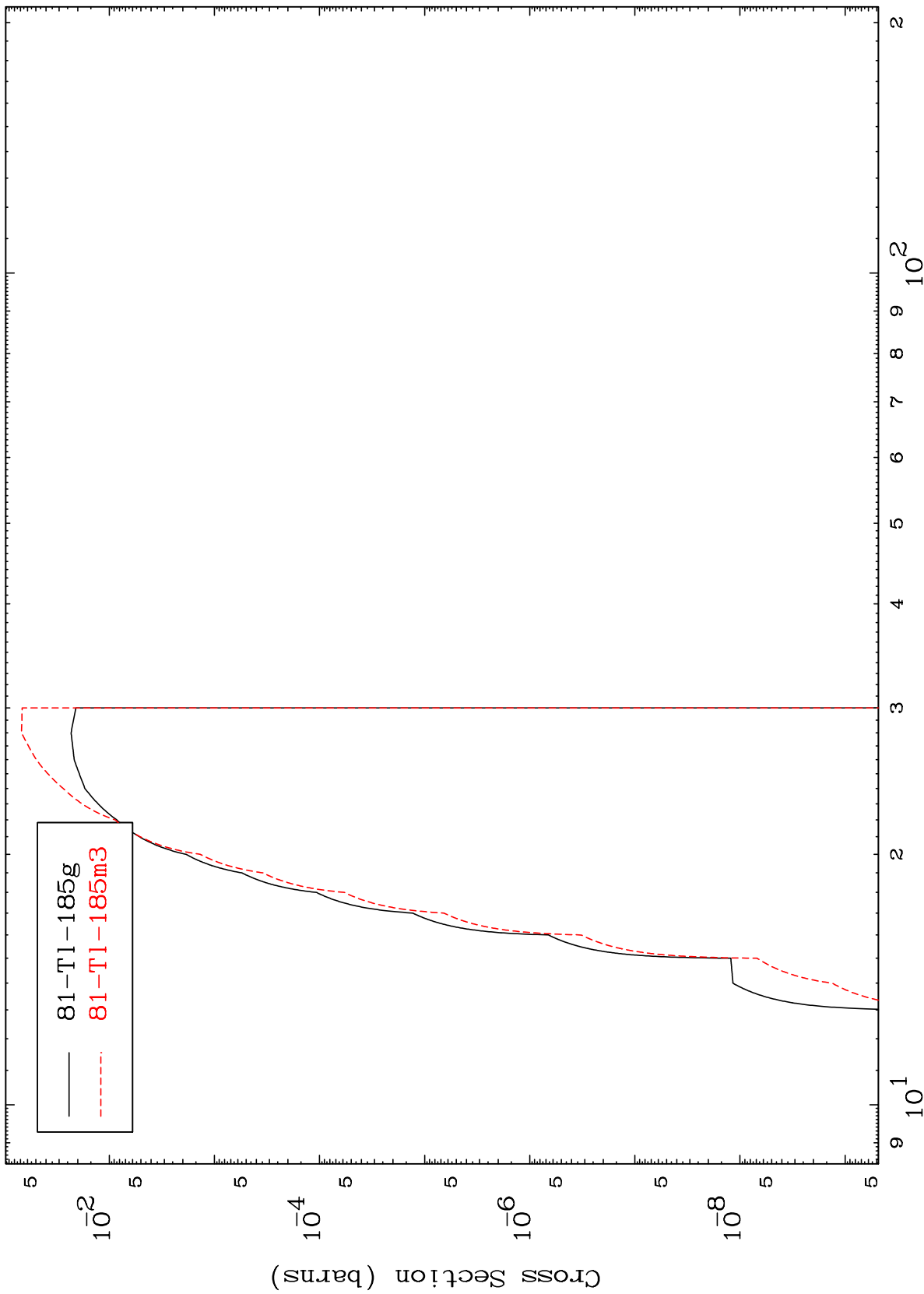
Incident Energy (MeV)

80-Hg-182

MAT 7983

80-Hg-182

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



80-Hg-182

Incident Energy (MeV)

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