

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

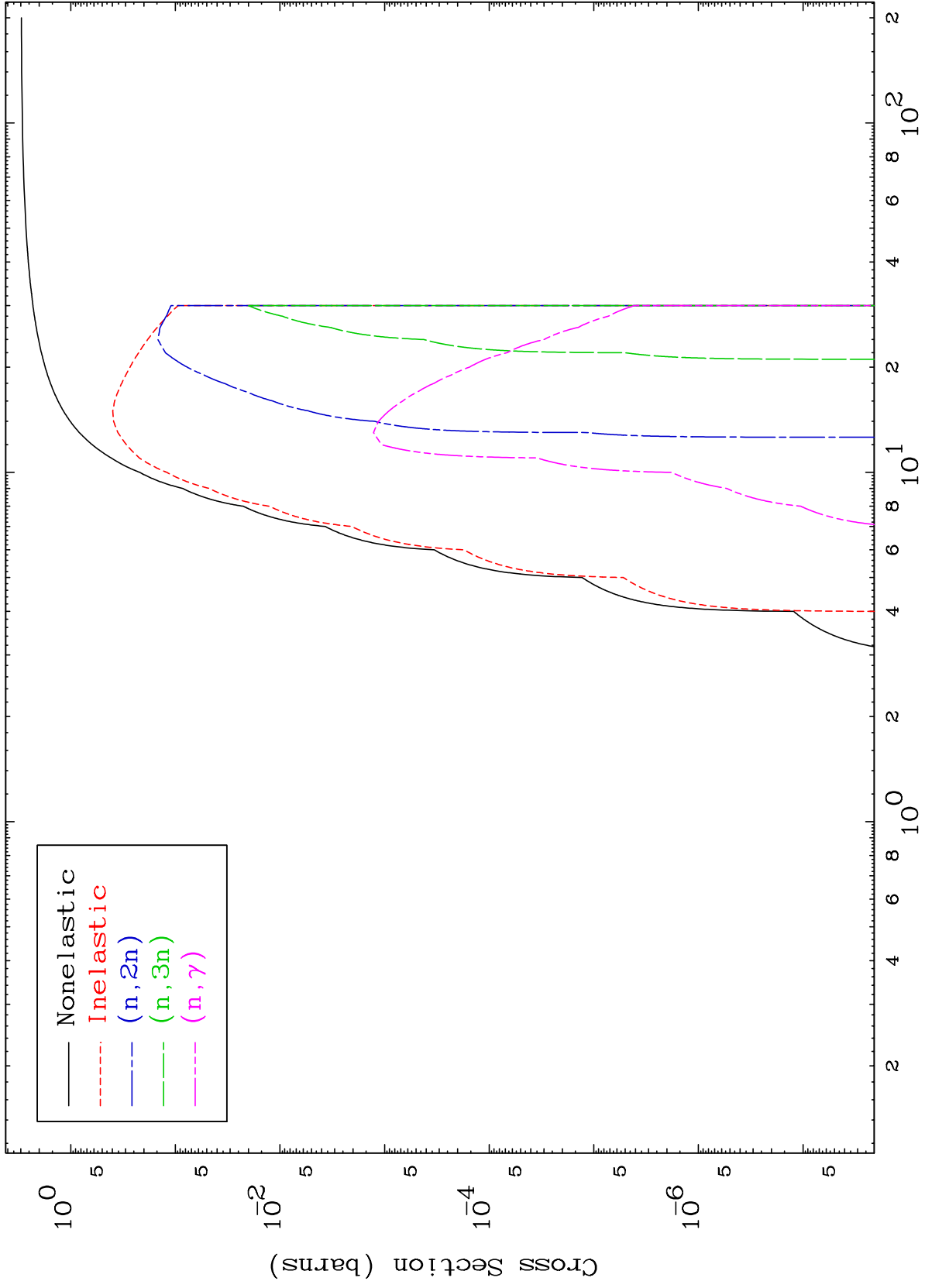
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

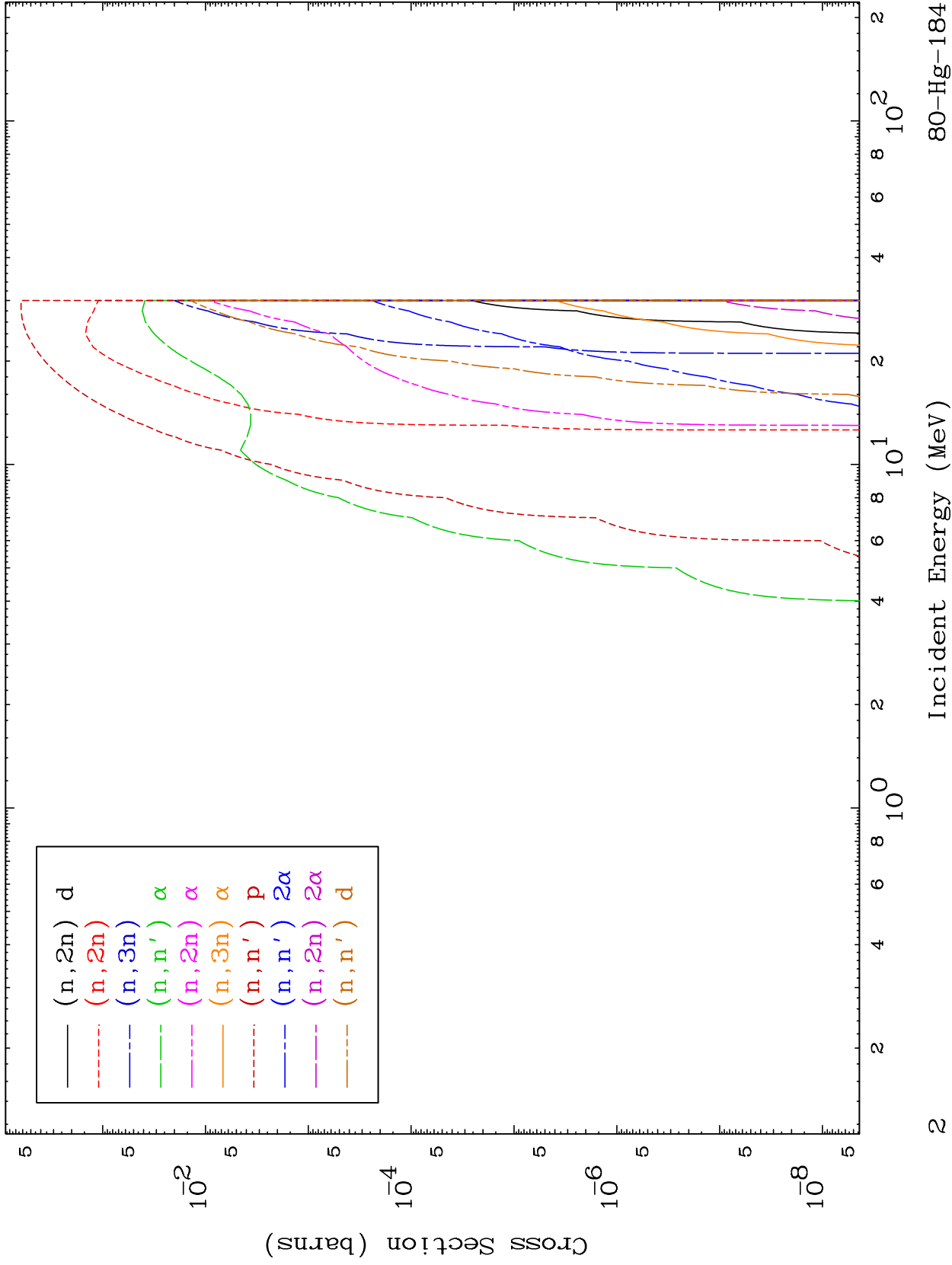
Tele: 925-443-1911

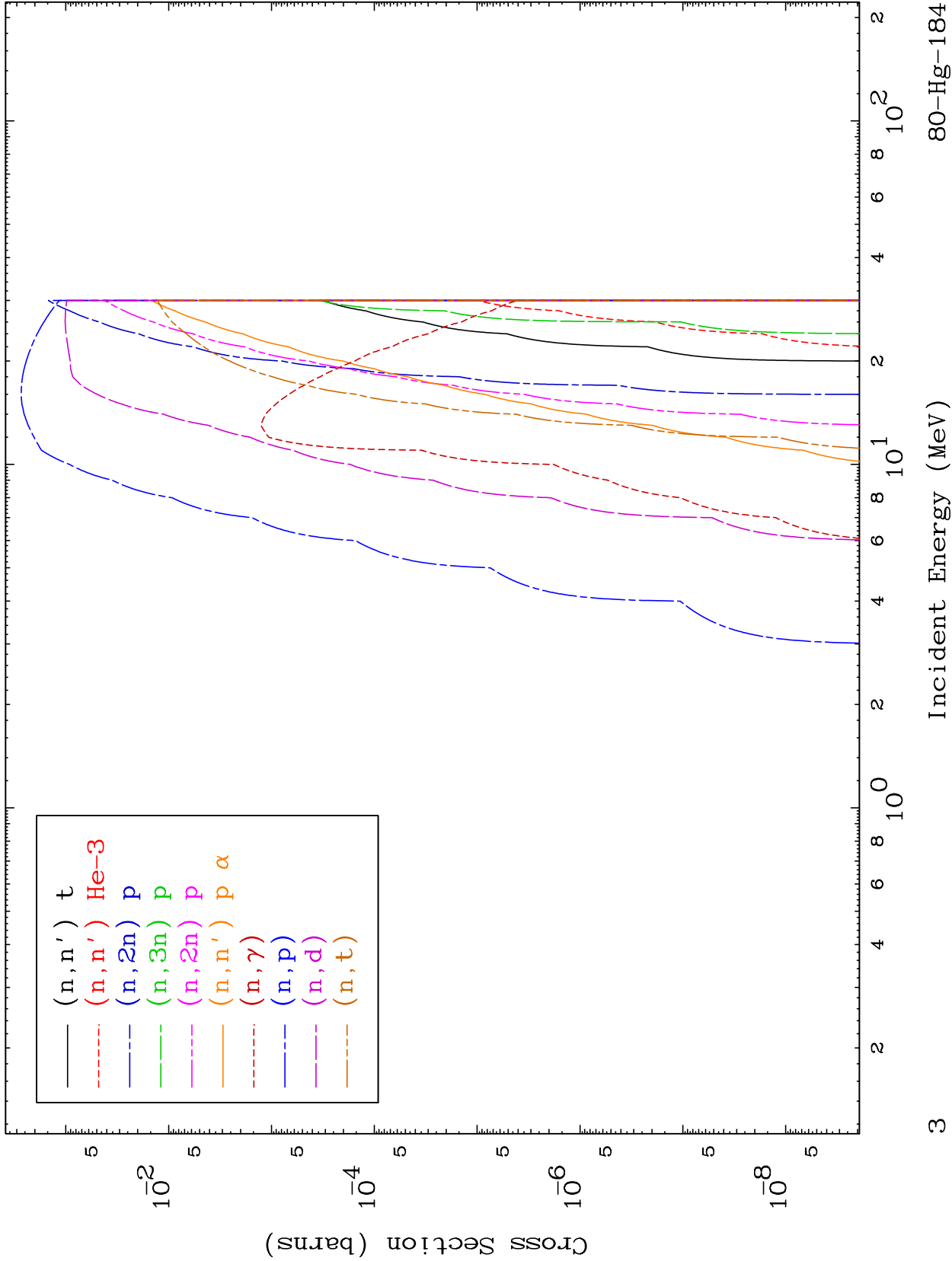
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

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

Press Mouse Button to Start



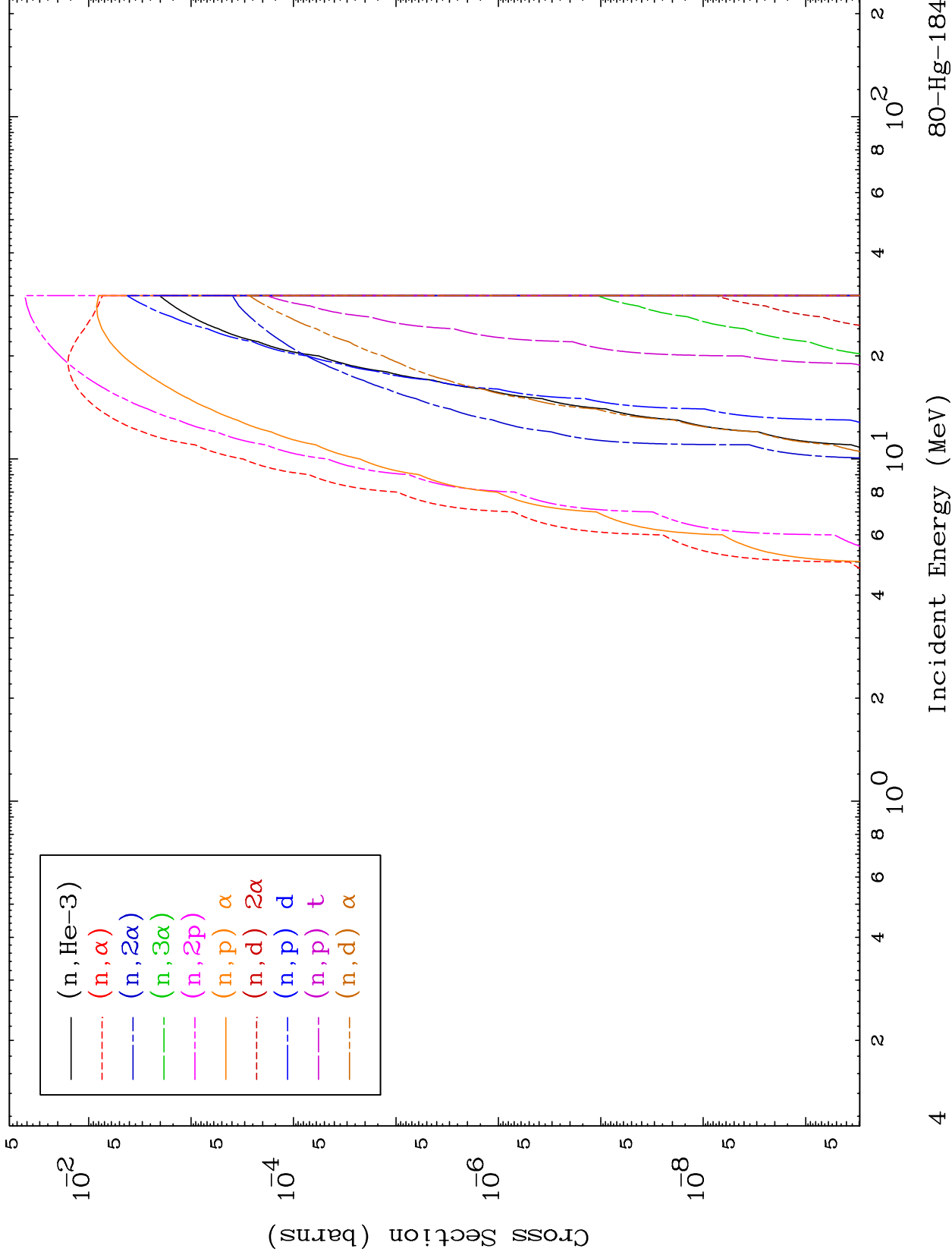


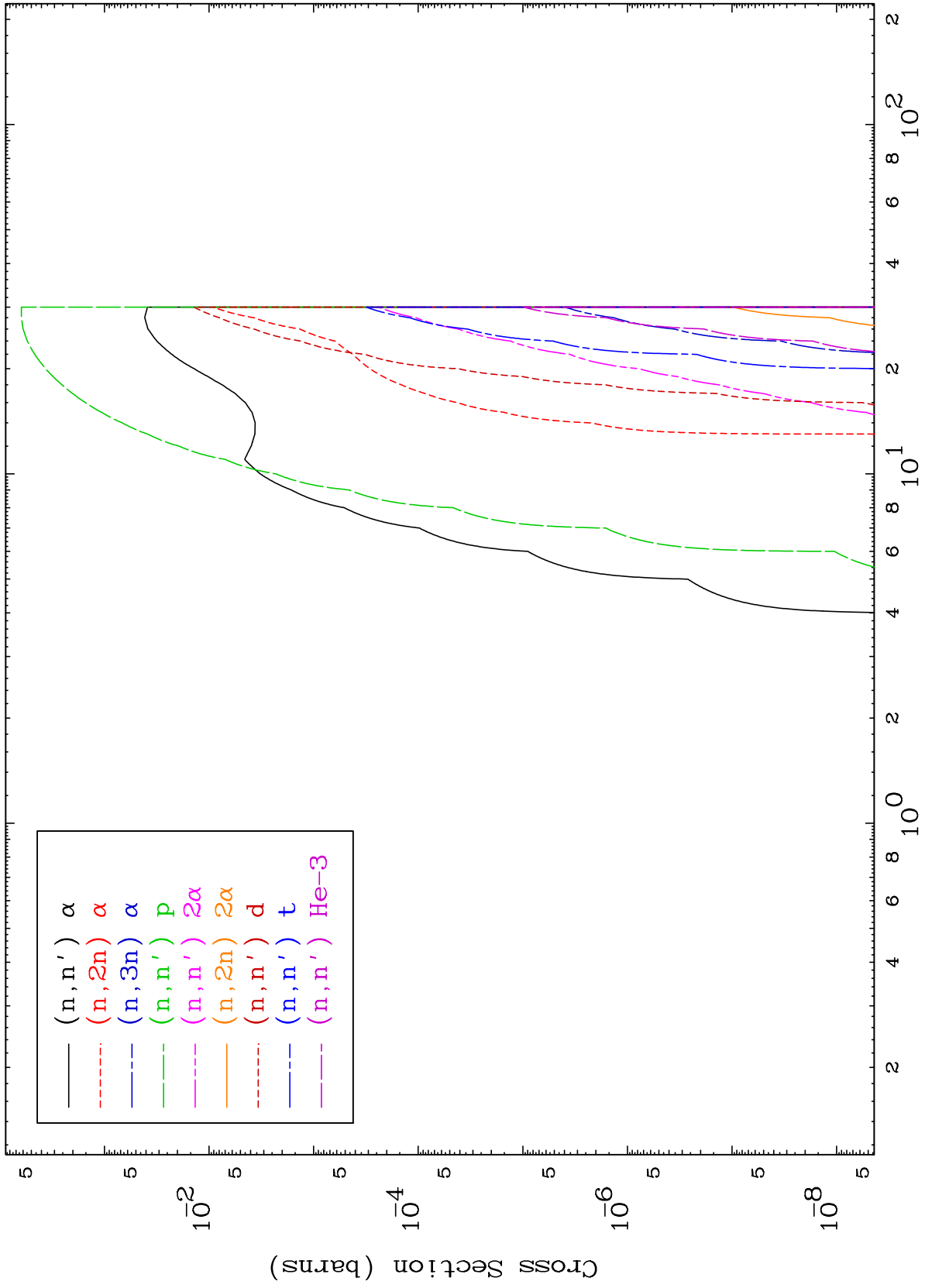


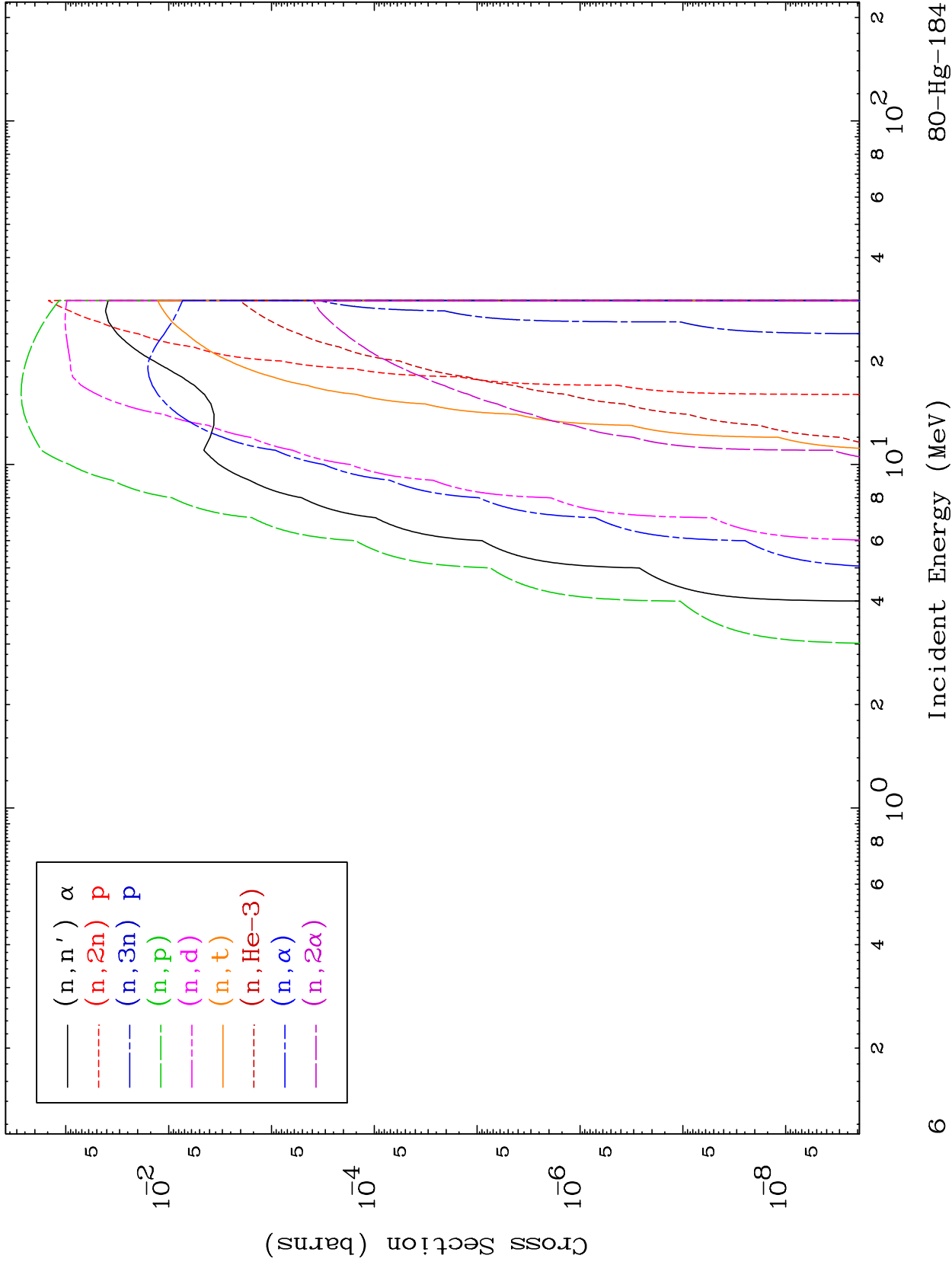
MAT 7989

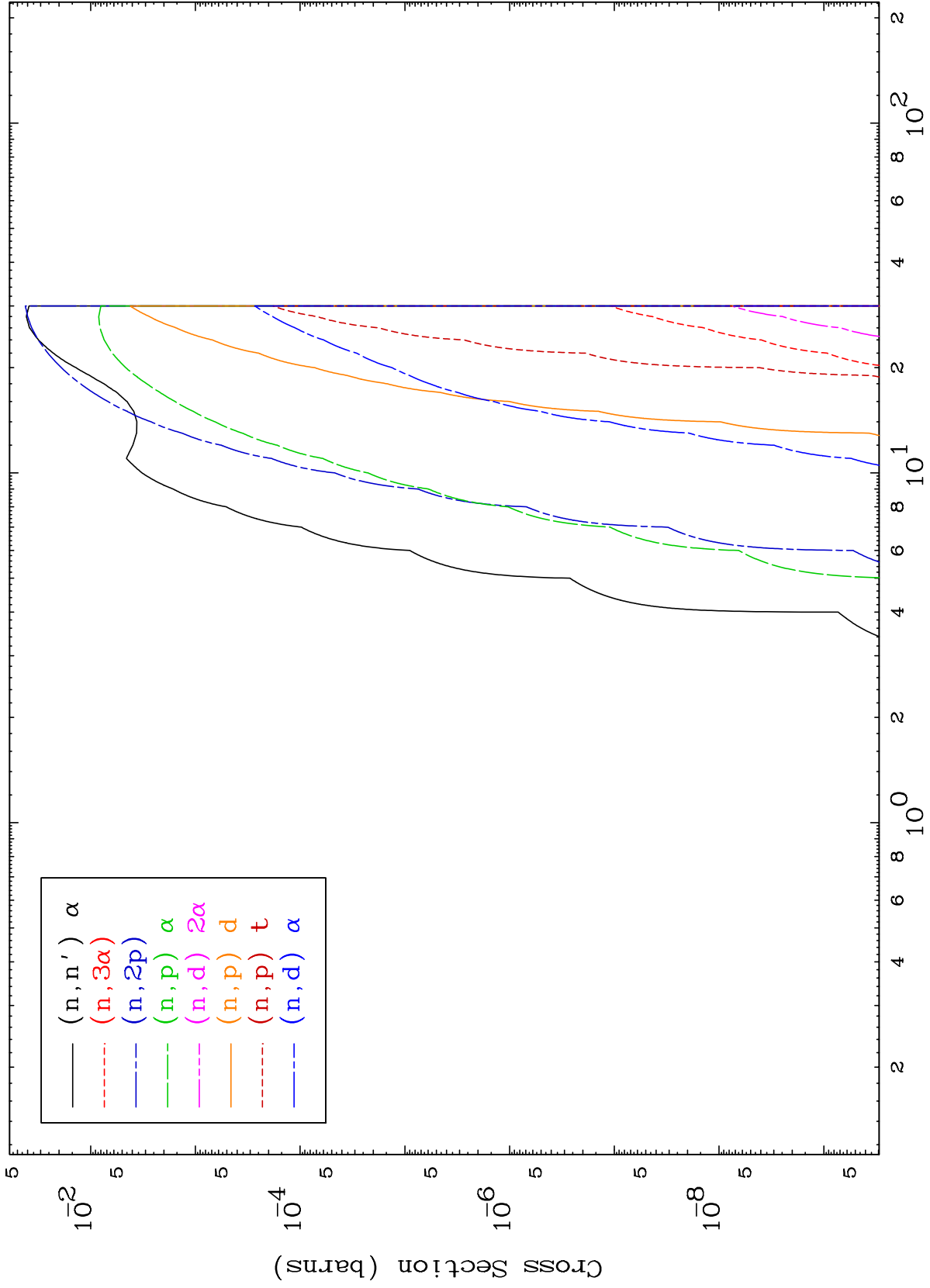
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

80-Hg-184









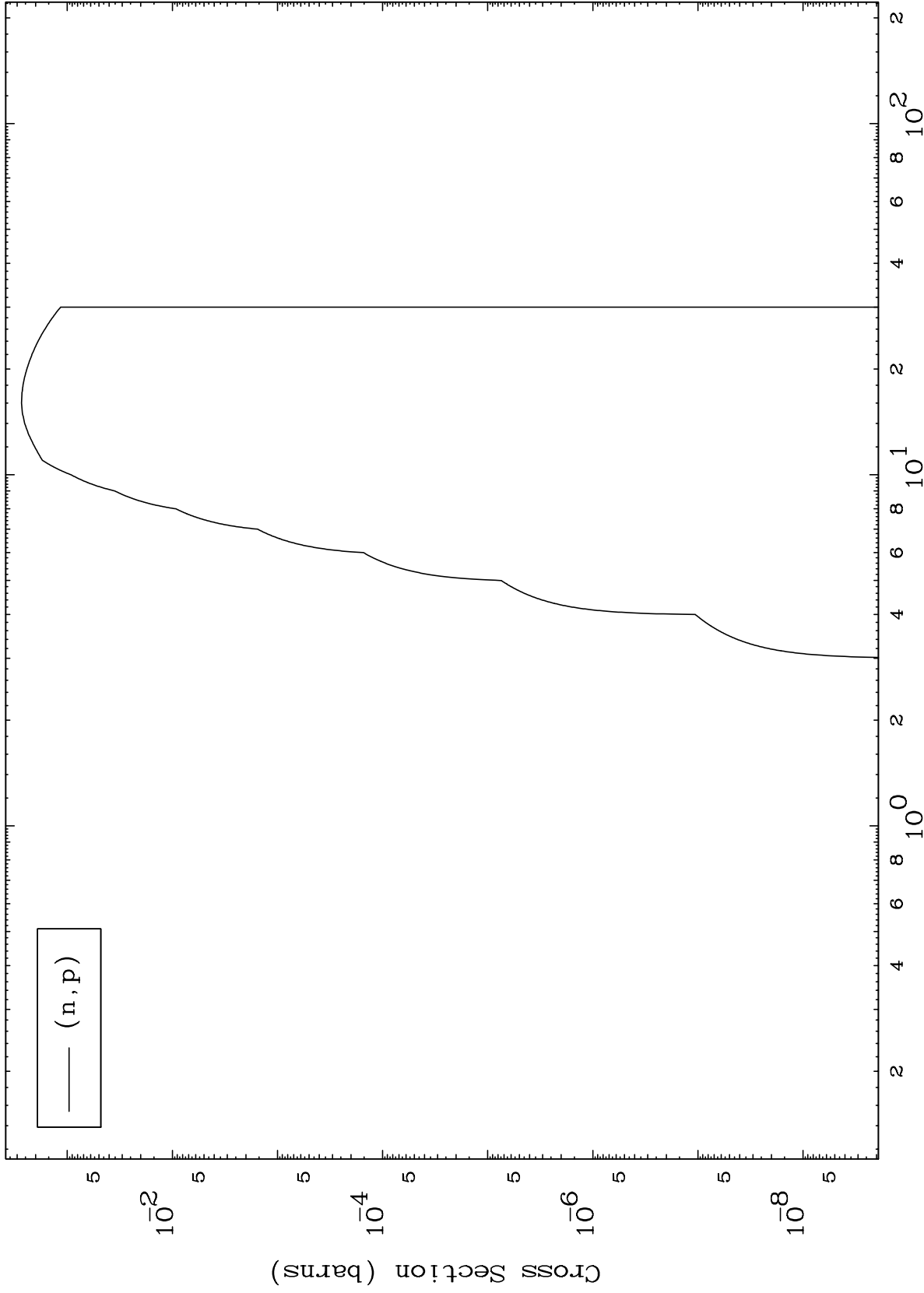


MAT 7989

(d,p) Levels

80-Hg-184

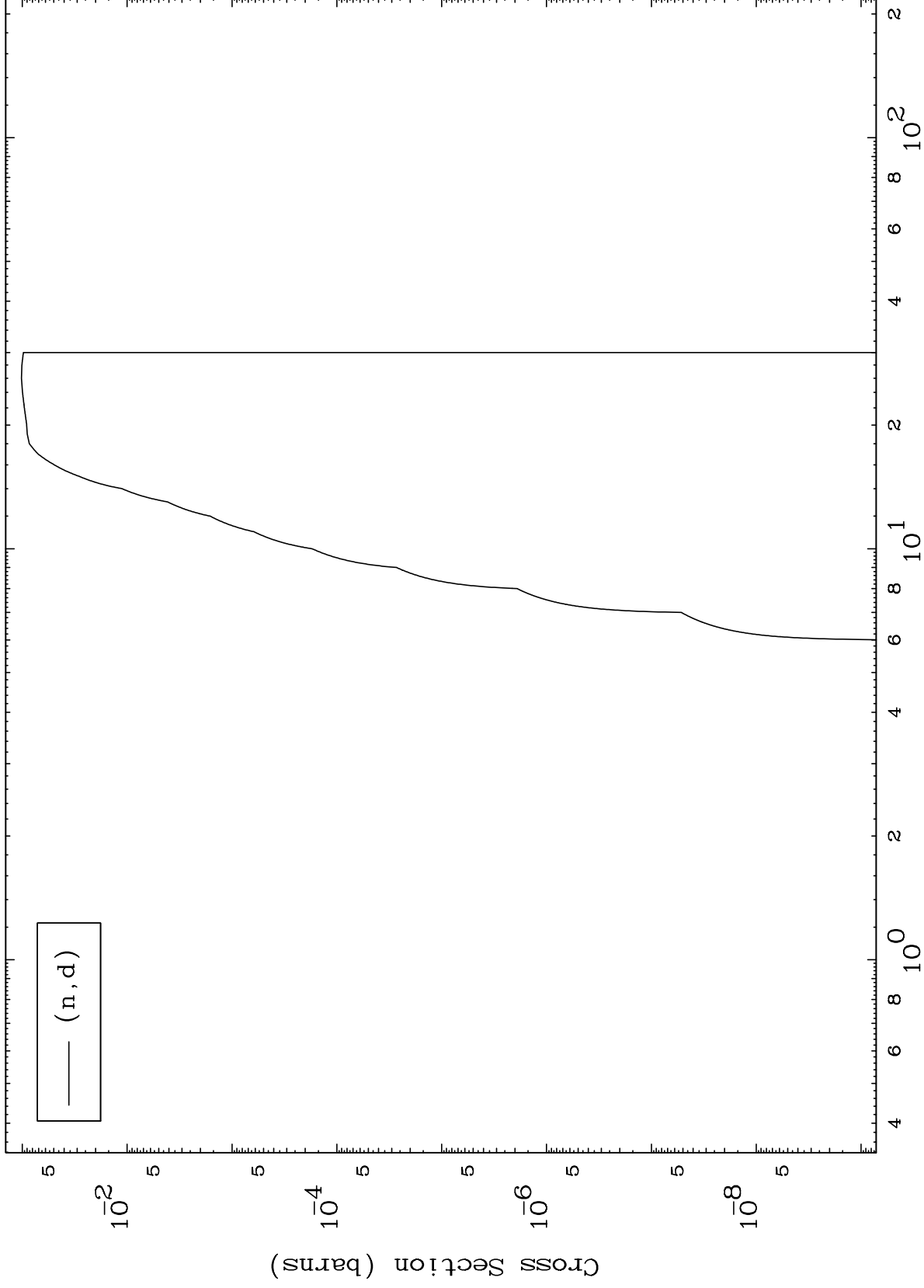
0 Kelvin Cross Sections



MAT 7989

(d,d) Levels  
0 Kelvin Cross Sections

80-Hg-184



9

Incident Energy (MeV)

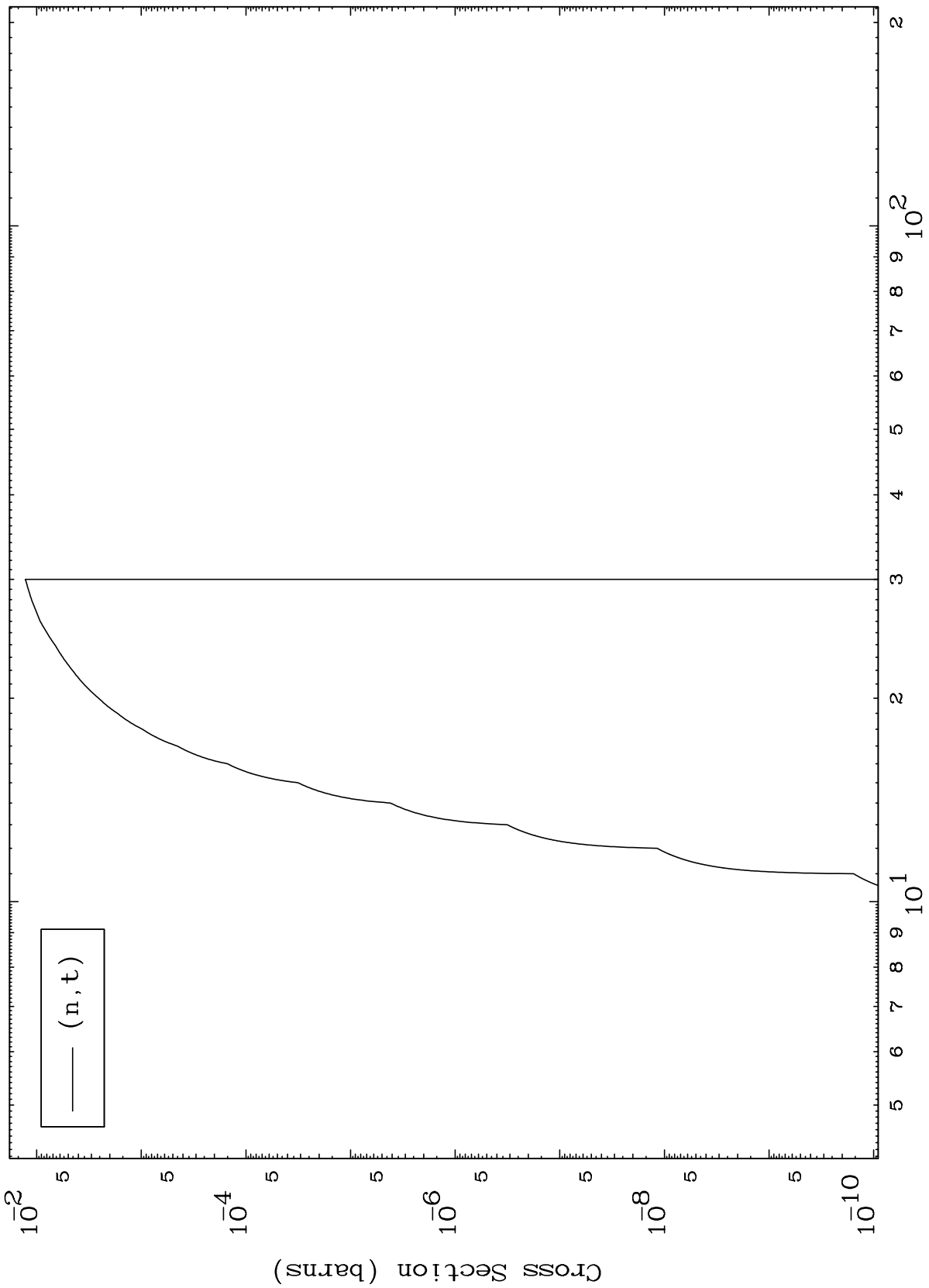
80-Hg-184

MAT 7989

(d,t) Levels

80-Hg-184

0 Kelvin Cross Sections



10

Incident Energy (MeV)

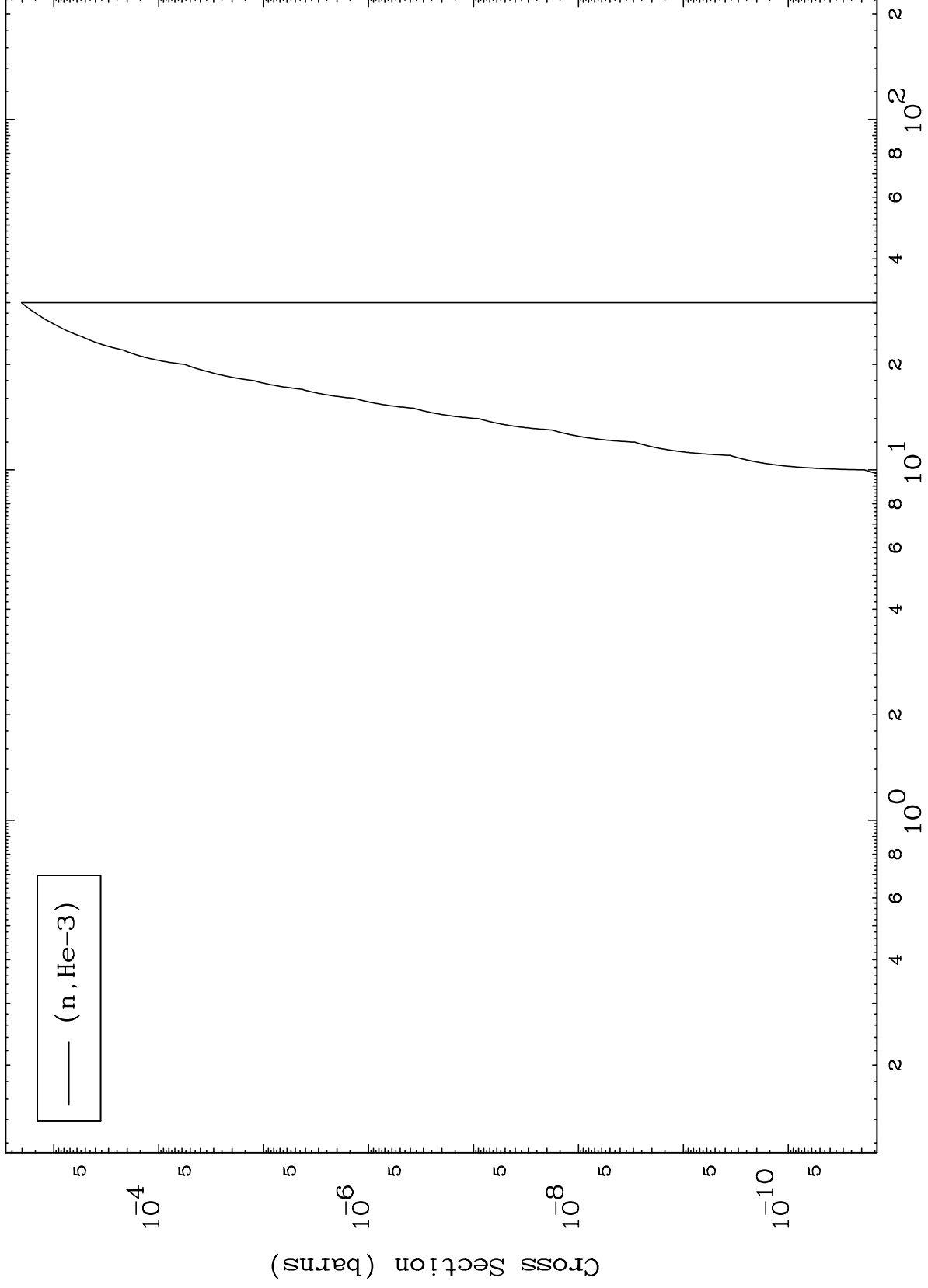
80-Hg-184

MAT 7989

(d,He3) Levels

80-Hg-184

0 Kelvin Cross Sections

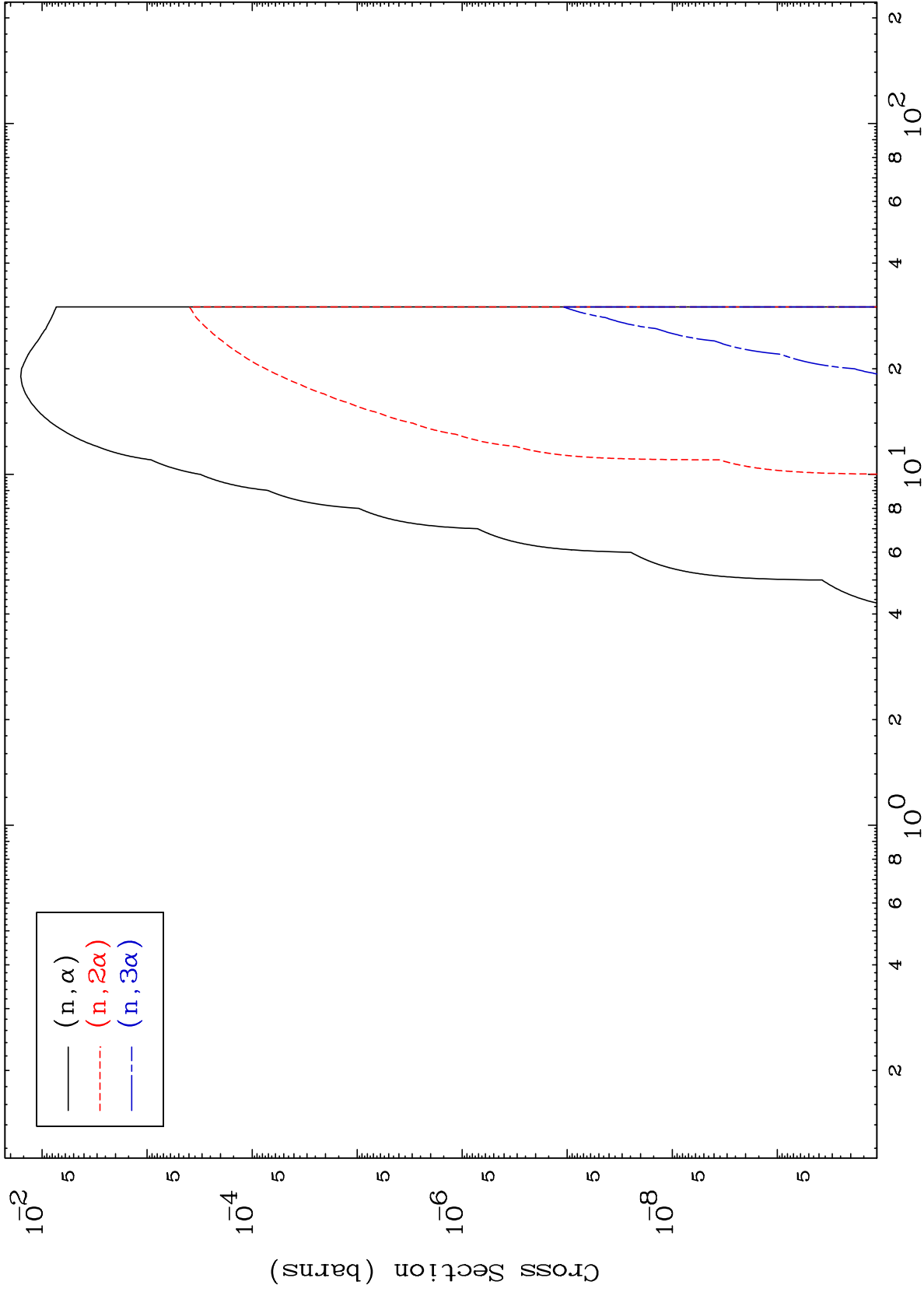


MAT 7989

(d,  $\alpha$ ) Levels

80-Hg-184

0 Kelvin Cross Sections



12

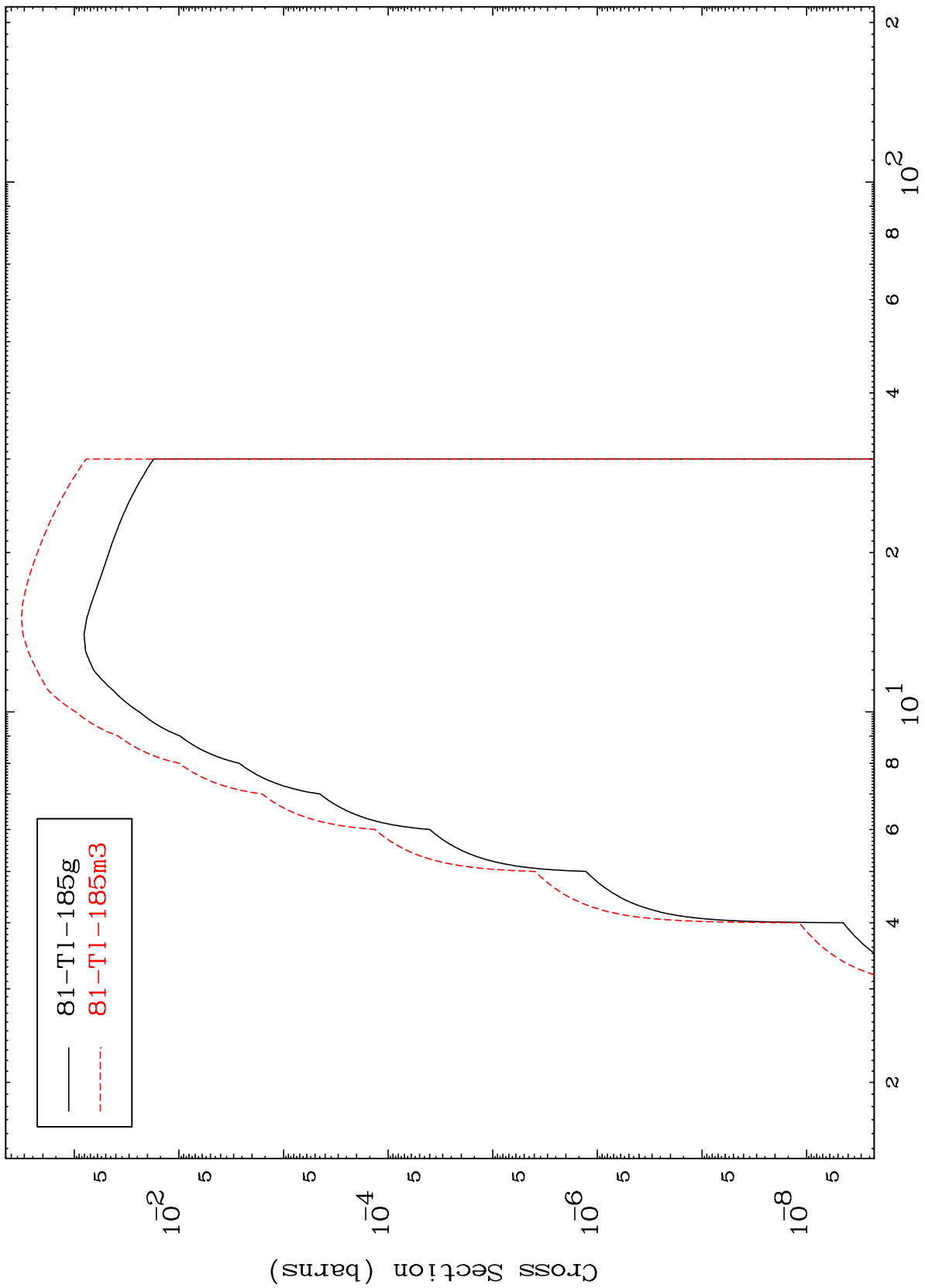
Incident Energy (MeV)

80-Hg-184

MAT 7989

80-Hg-184

### Inelastic Radionuclide Production Cross Section



13

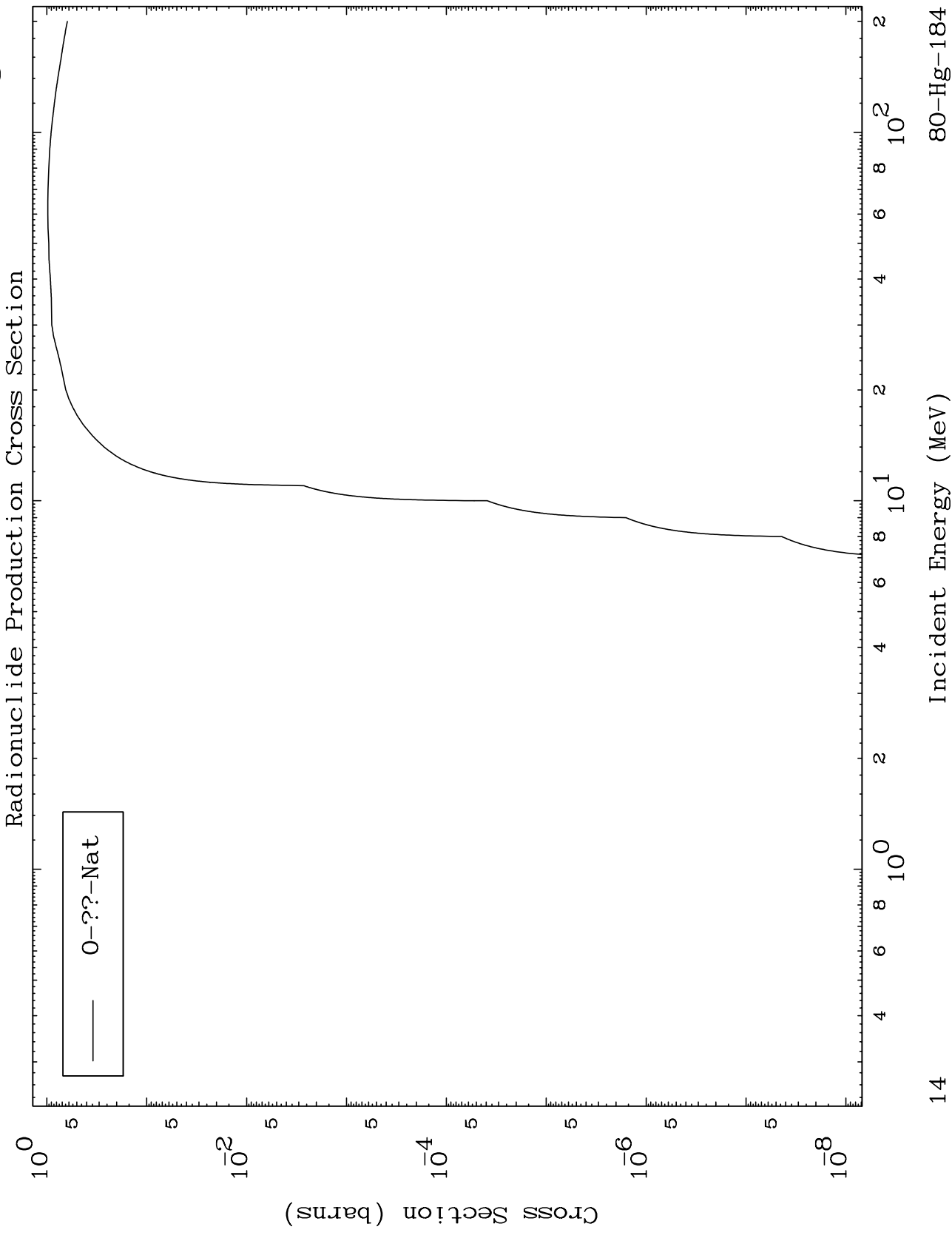
80-Hg-184

Incident Energy (MeV)

MAT 7989

Fission

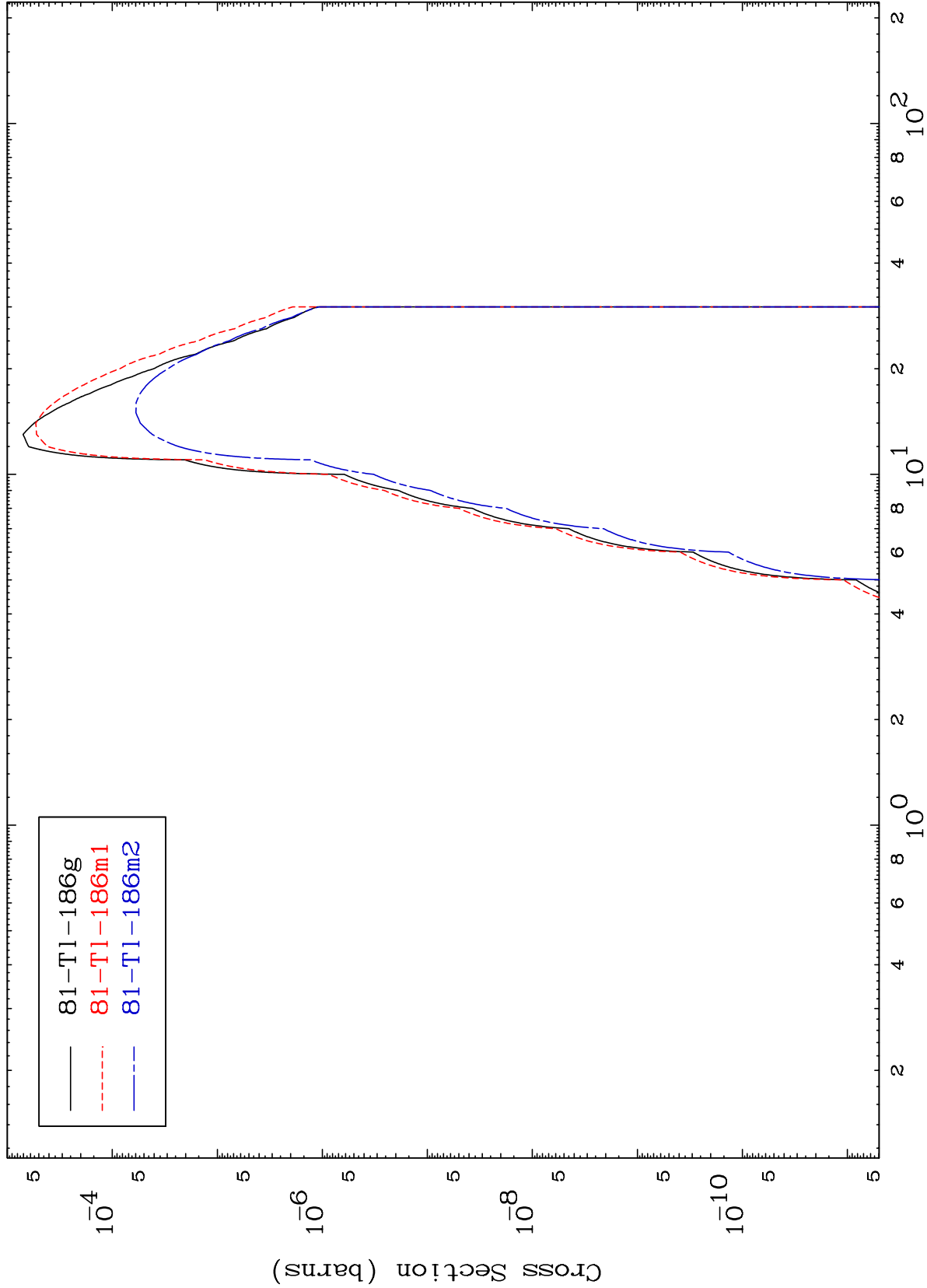
80-Hg-184



MAT 7989

80-Hg-184

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



80-Hg-184

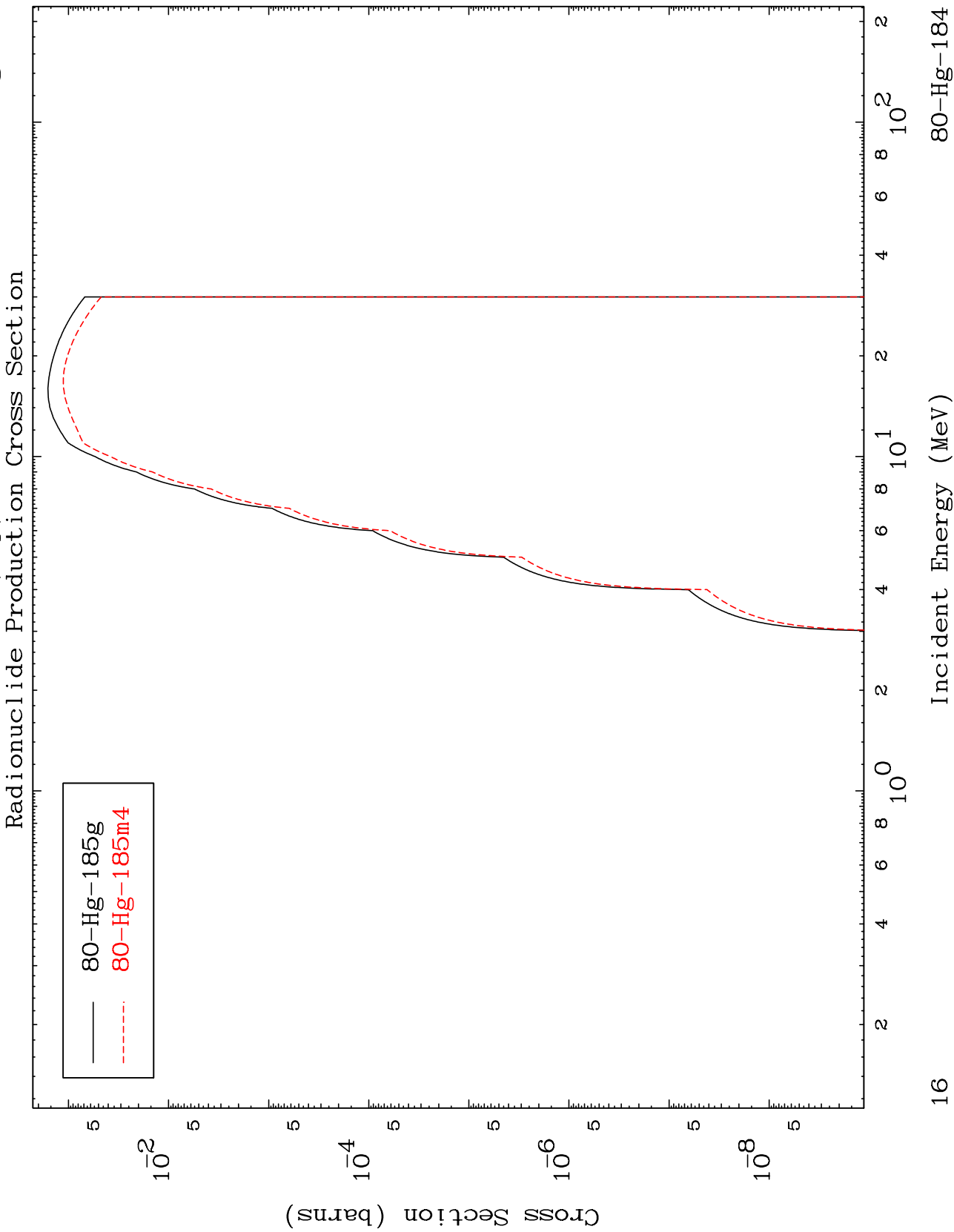
Incident Energy (MeV)

15



MAT 7989

80-Hg-184



MAT 7989

(n,2p)

80-Hg-184

Radionuclide Production Cross Section

