

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

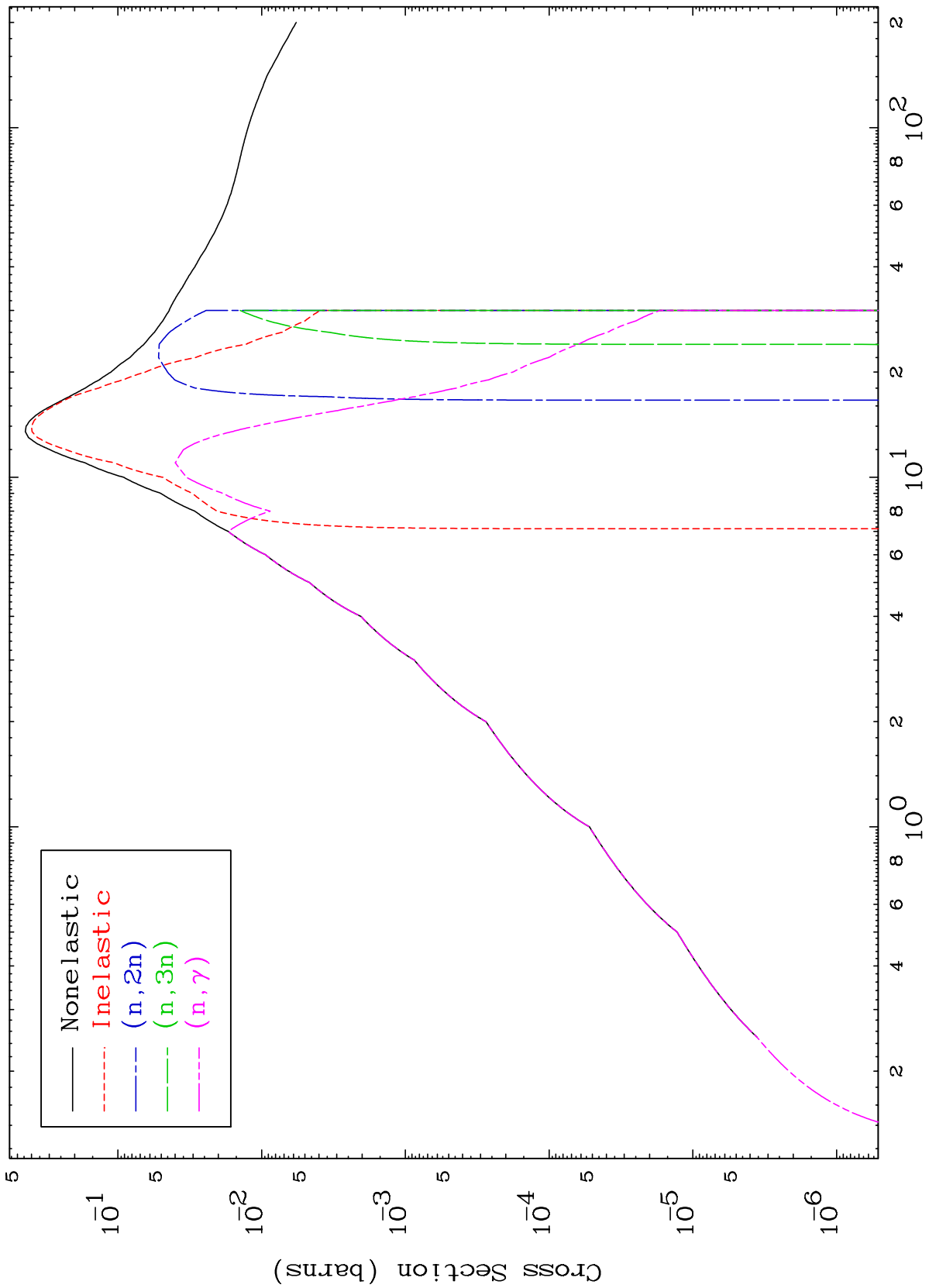
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

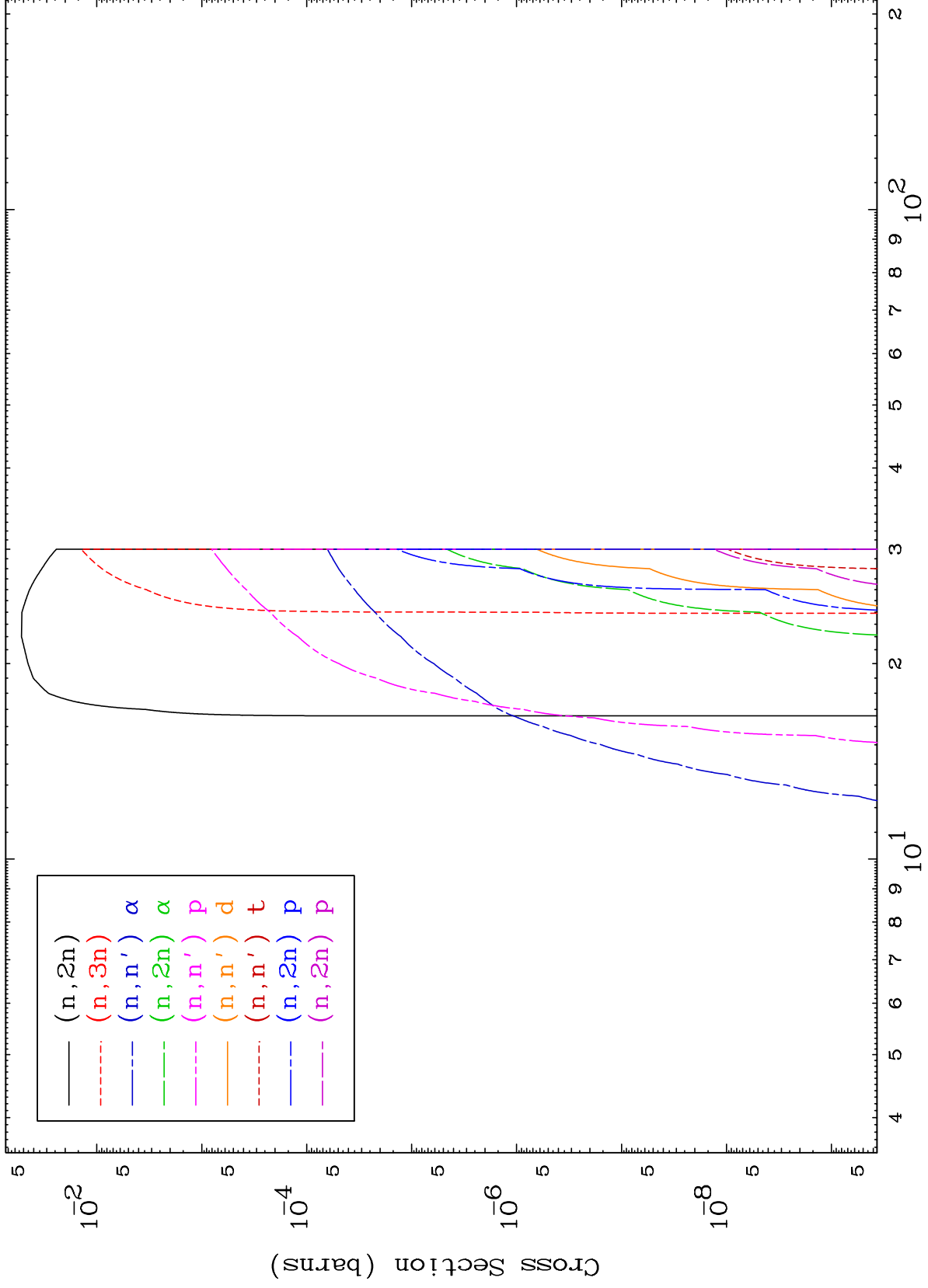
Tele: 925-443-1911

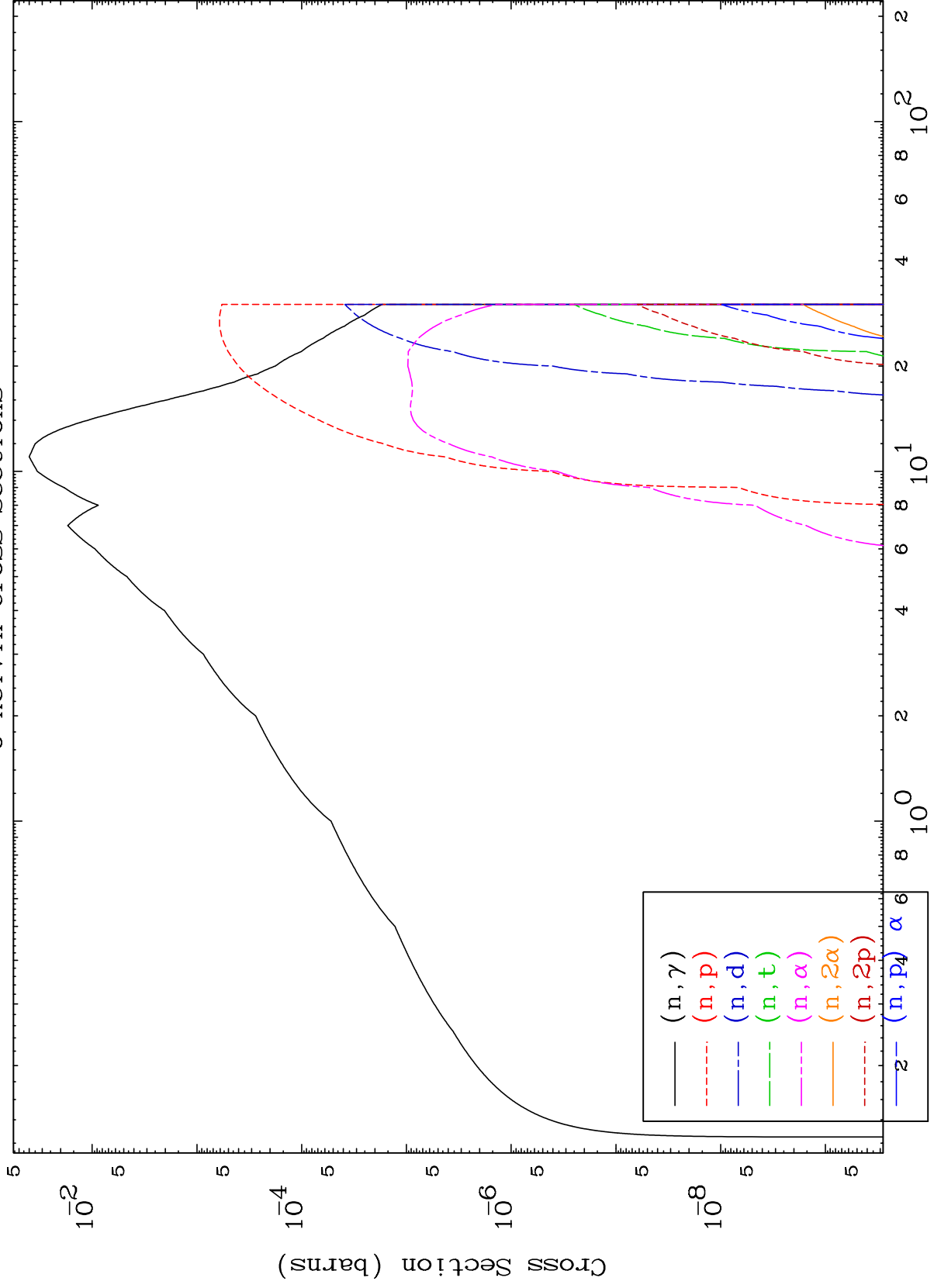
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

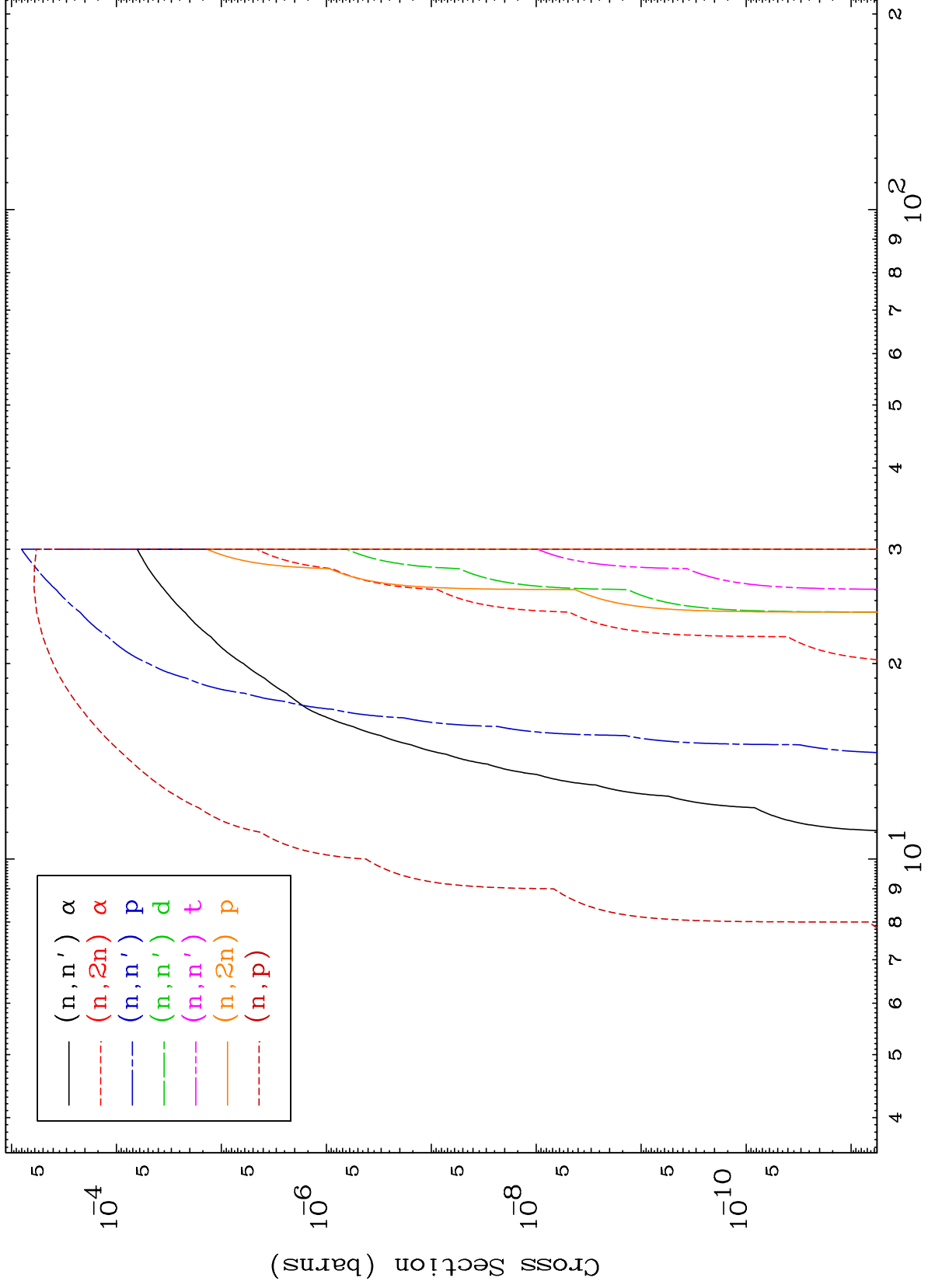
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start





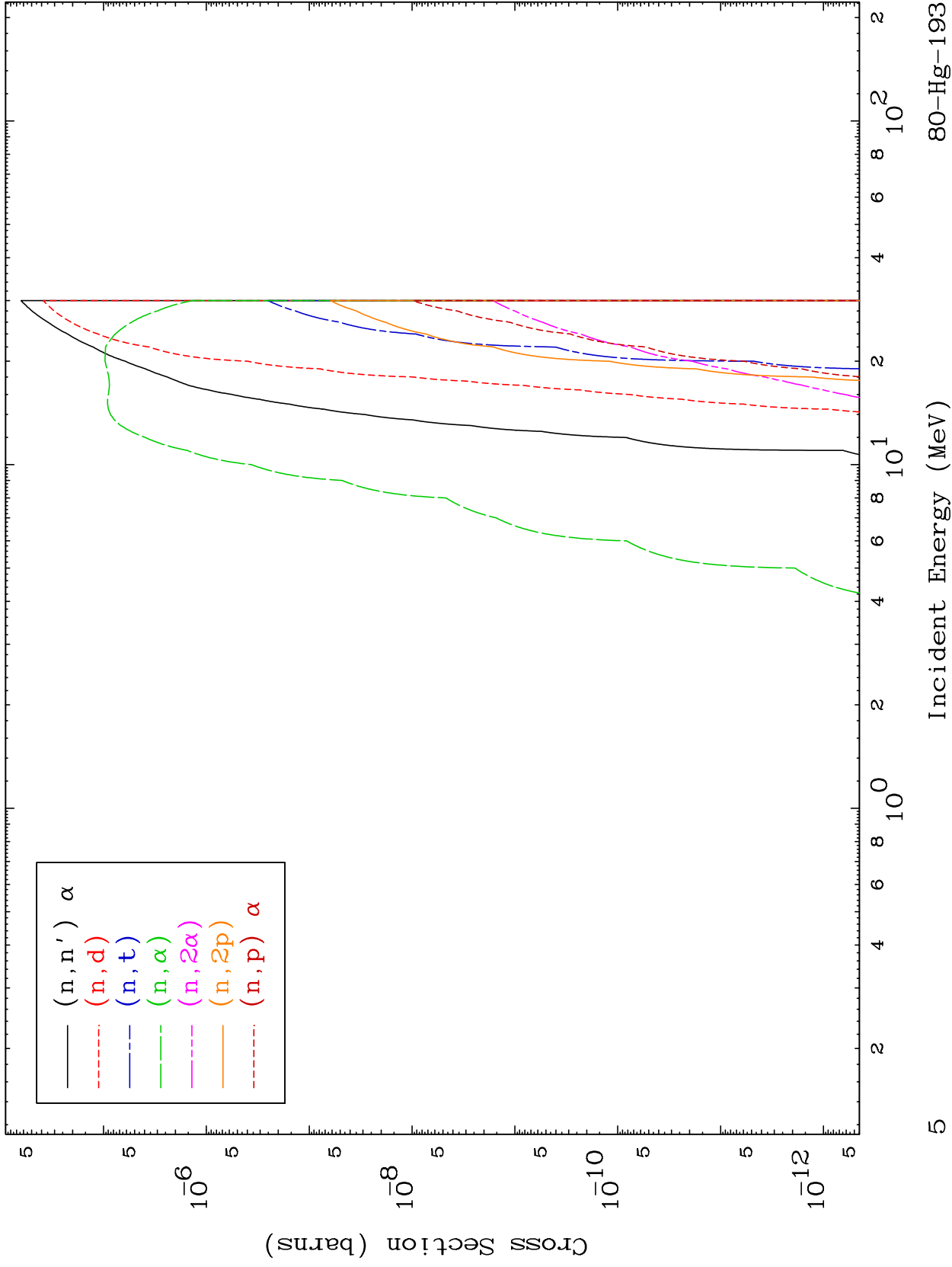




MAT 8016

Photon Charged Particle  
0 Kelvin Cross Sections

80-Hg-193

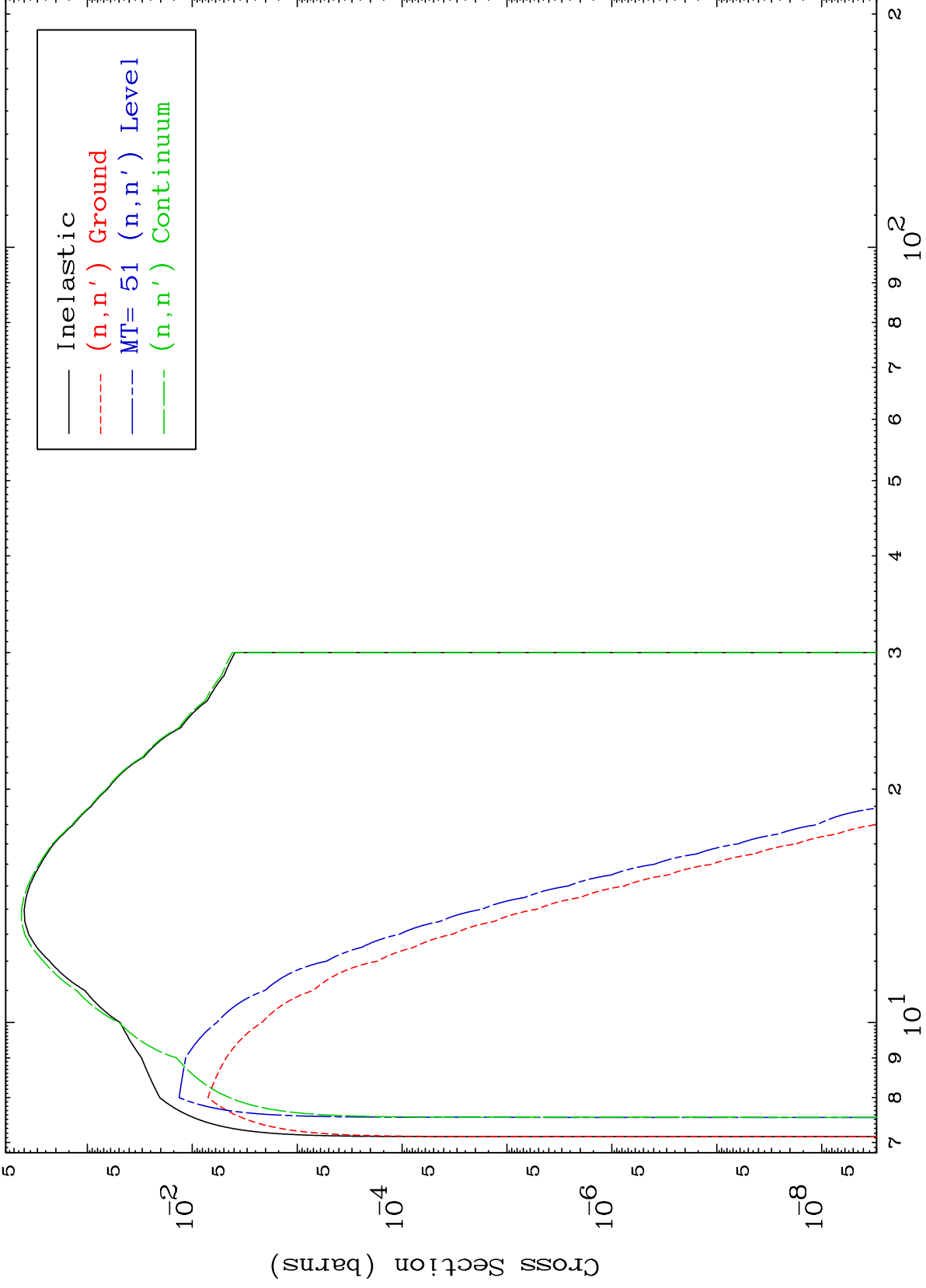


MAT 8016

( $\gamma, n'$ ) Levels

80-Hg-193

0 Kelvin Cross Sections



Incident Energy (MeV)

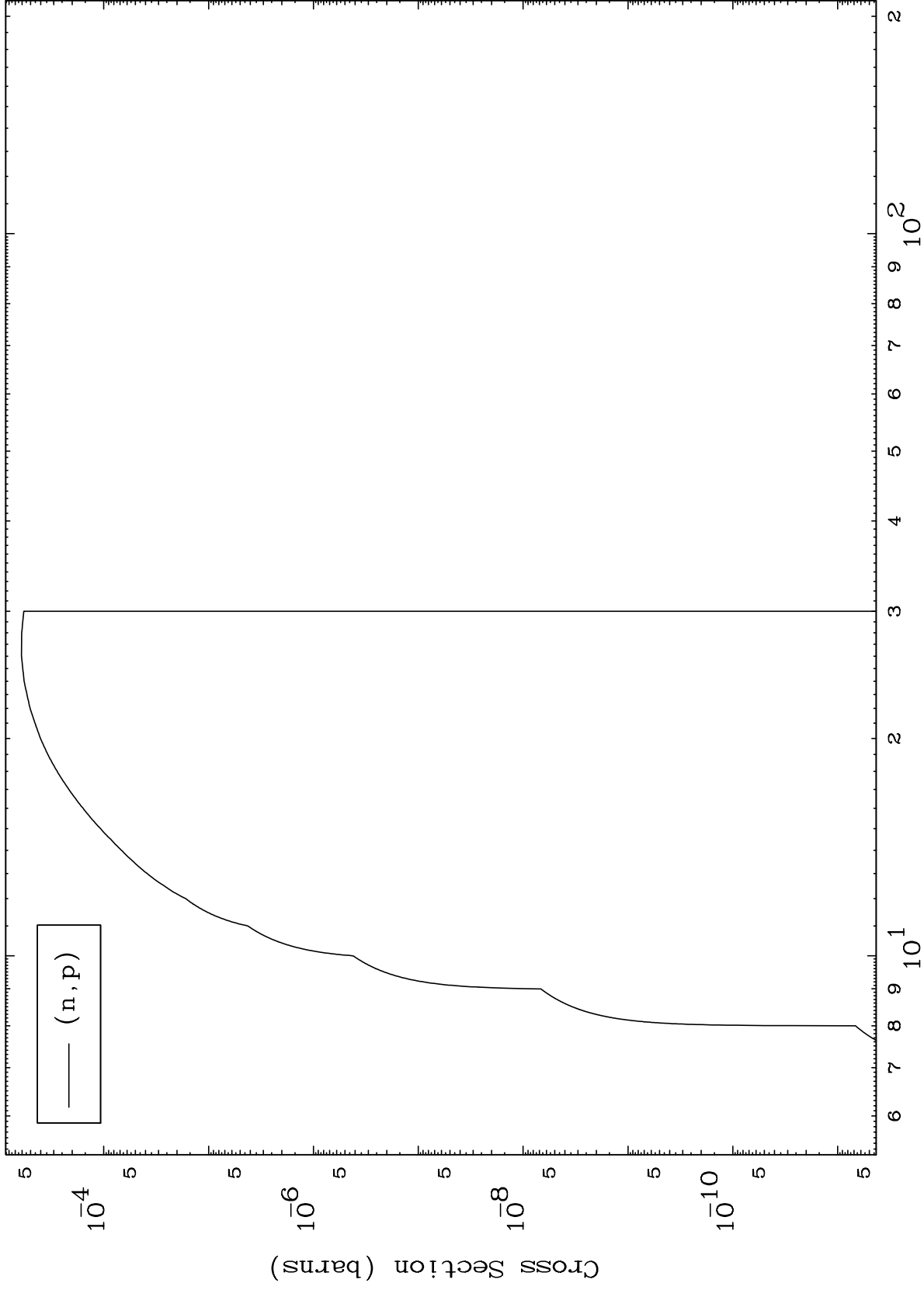
80-Hg-193

6

MAT 8016

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

80-Hg-193

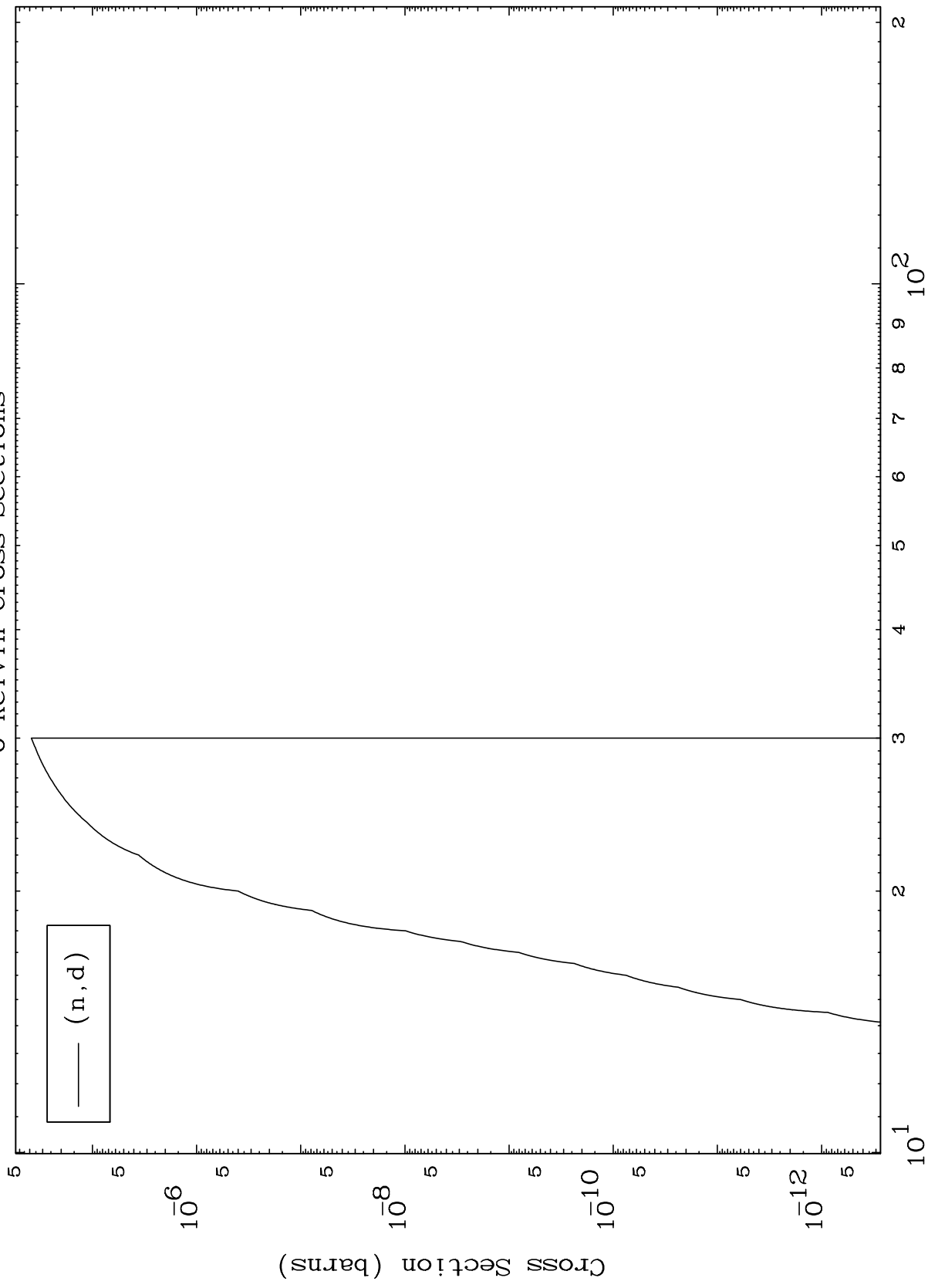




MAT 8016

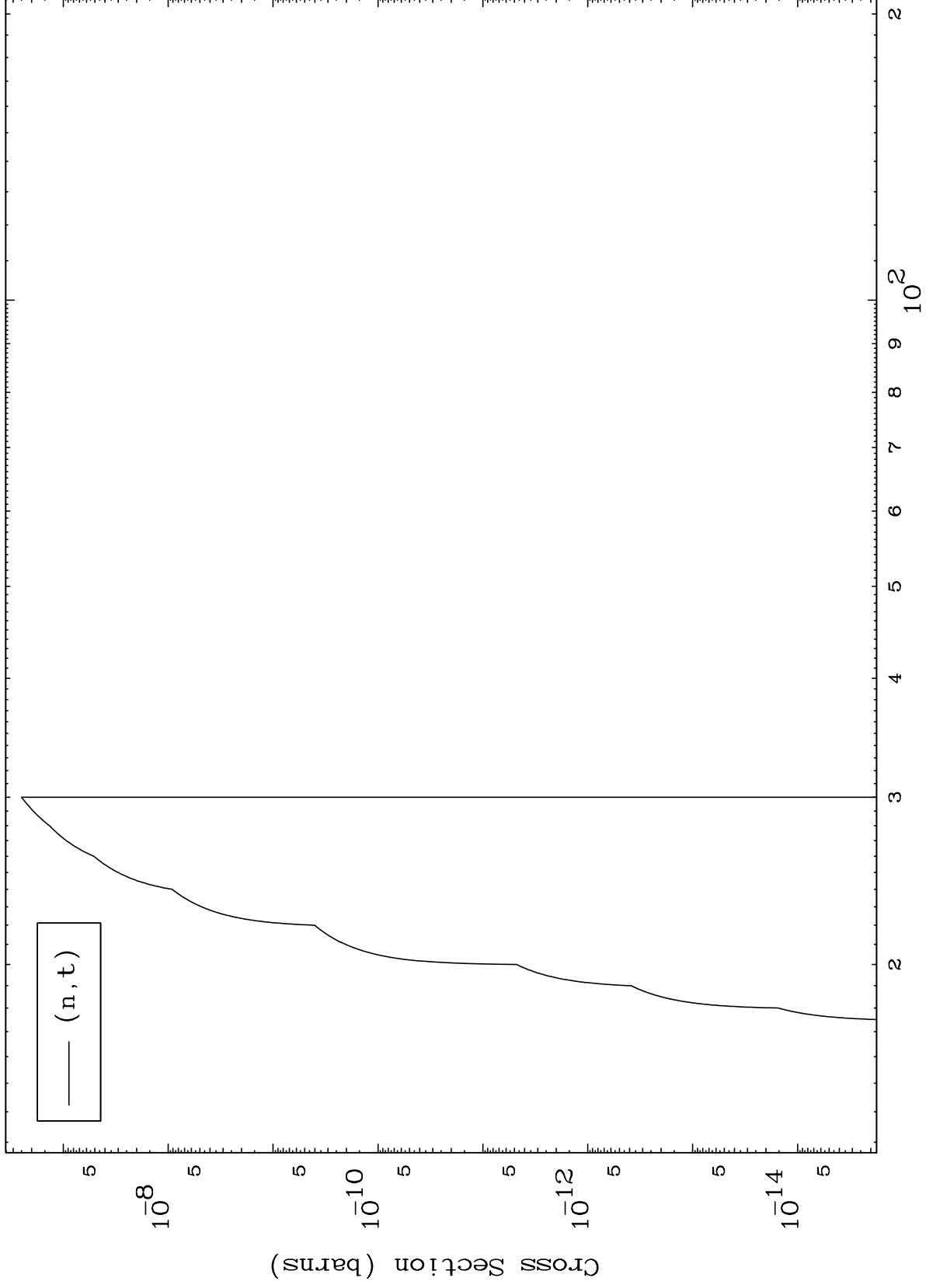
80-Hg-193

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



80-Hg-193

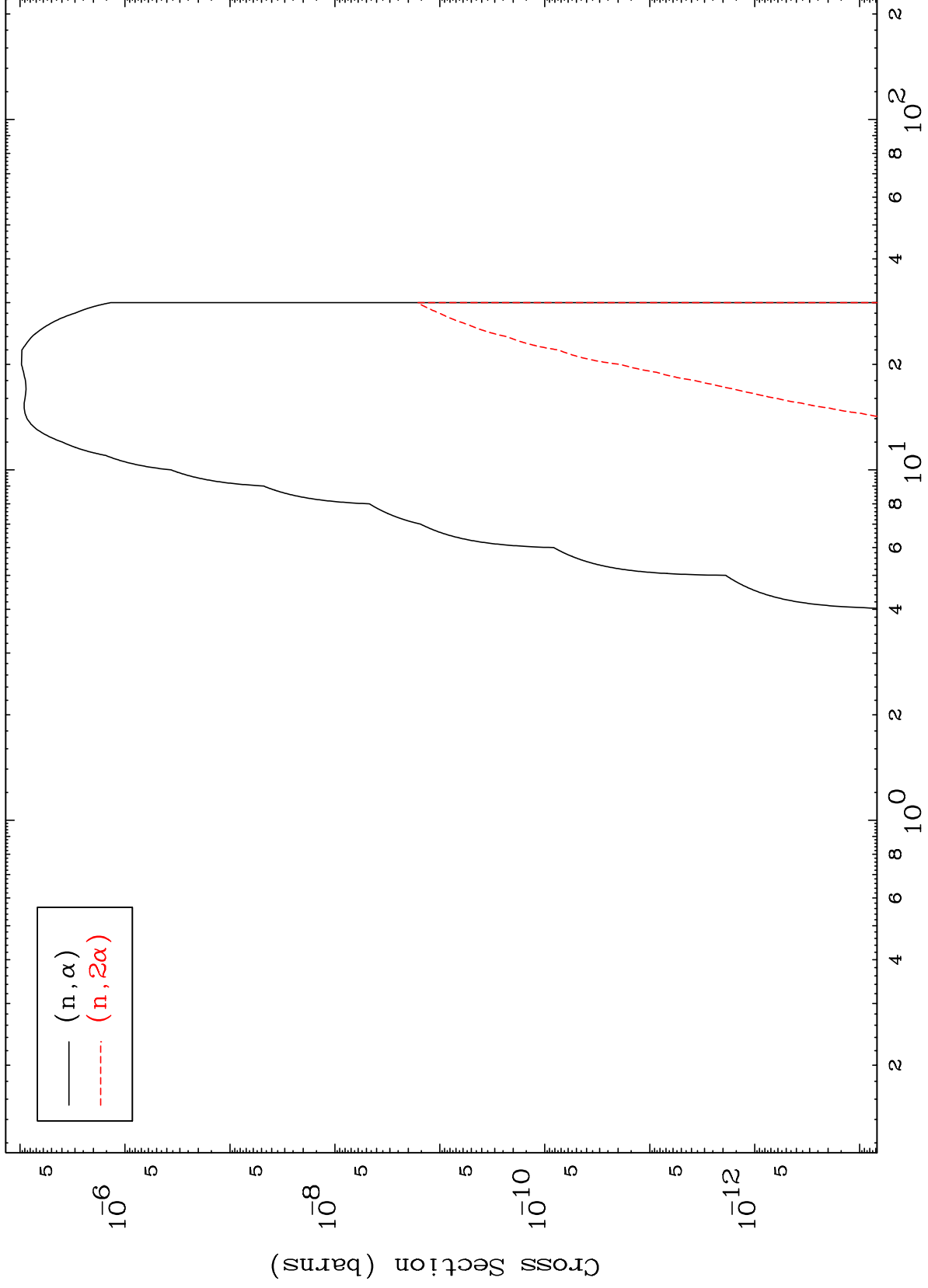
Incident Energy (MeV)



MAT 8016

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

80-Hg-193



10

Incident Energy (MeV)

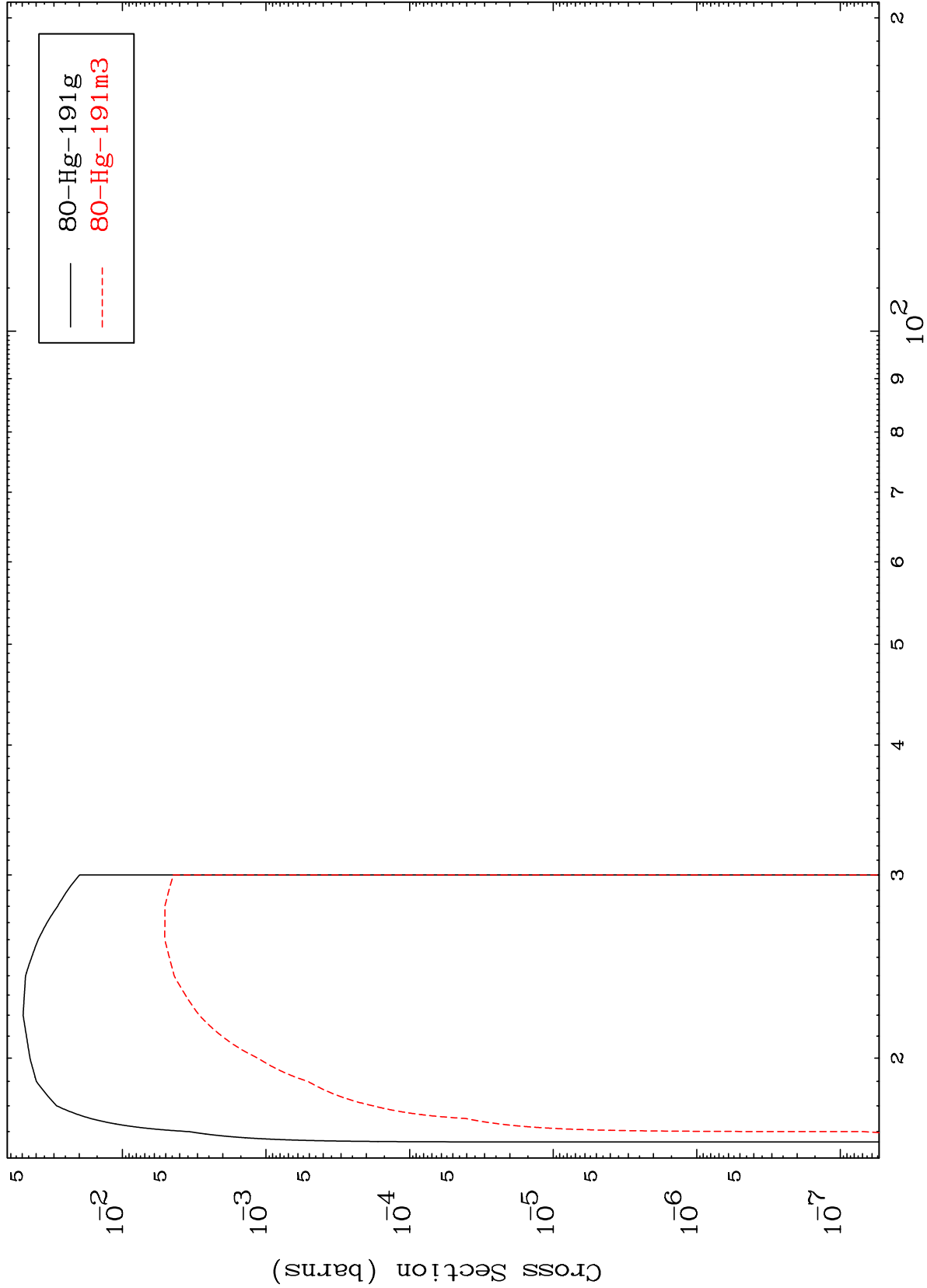
80-Hg-193

MAT 8016

(n,2n)

80-Hg-193

Radionuclide Production Cross Section



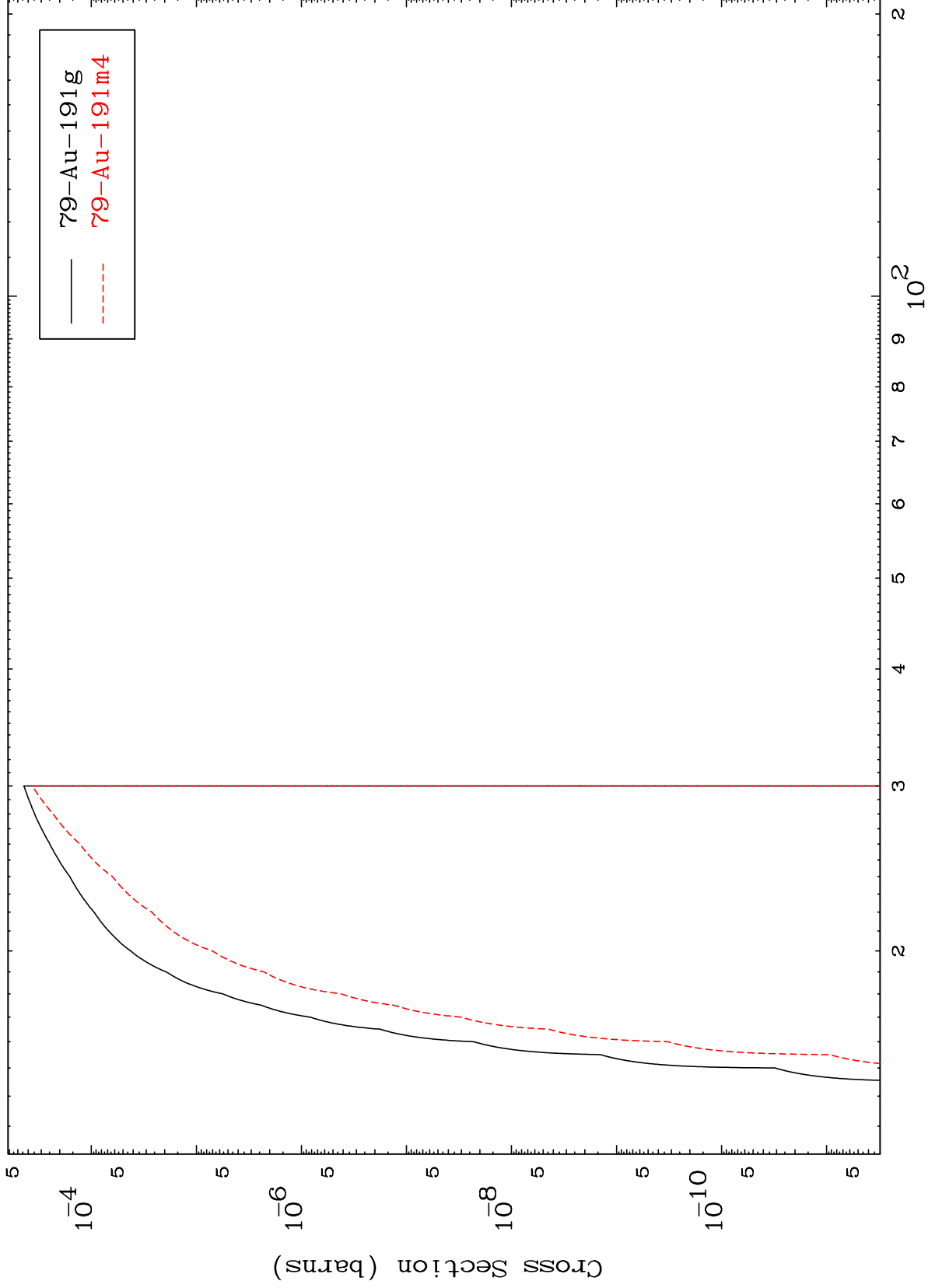
11

Incident Energy (MeV)

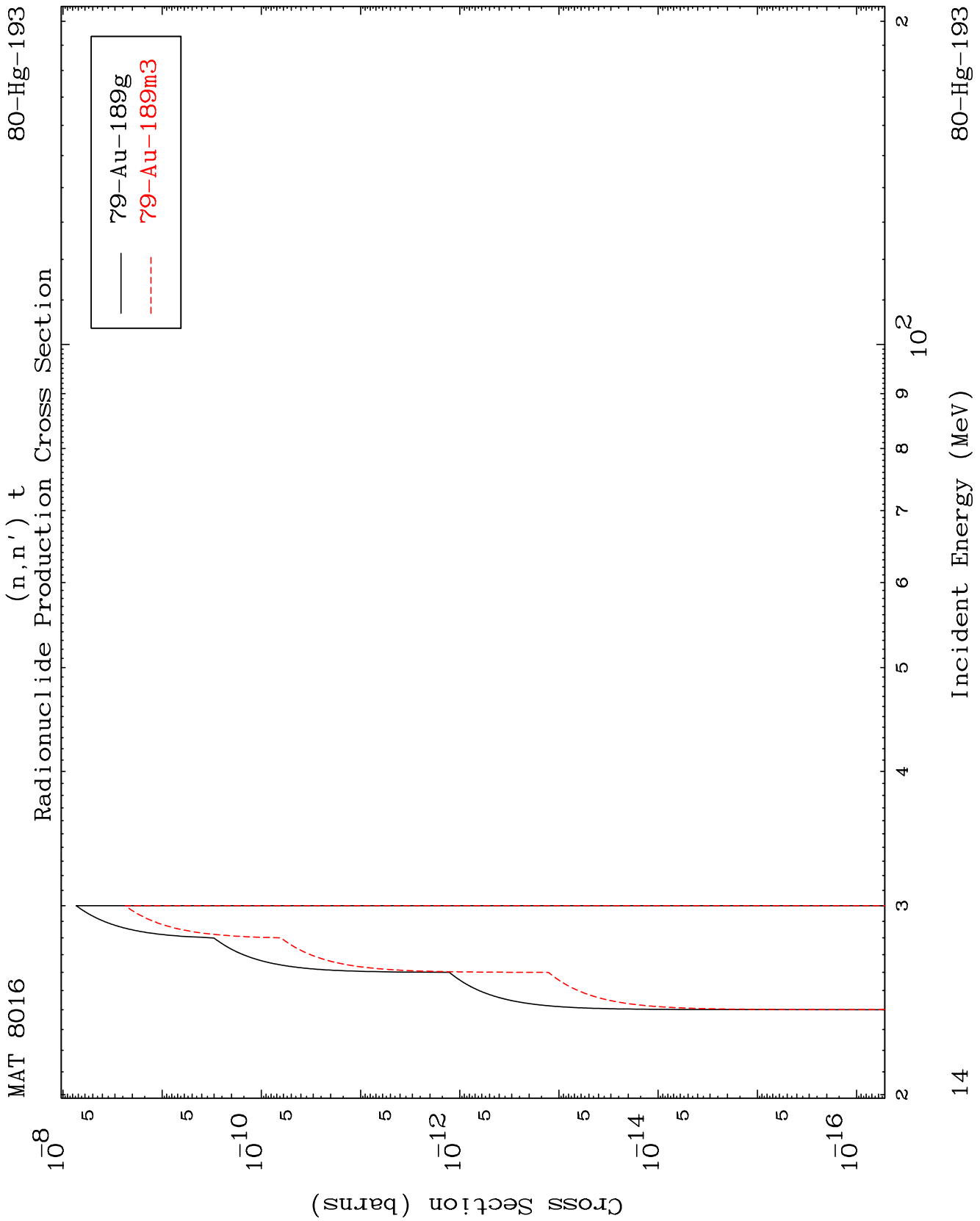
80-Hg-193



Radionuclide Production Cross Section



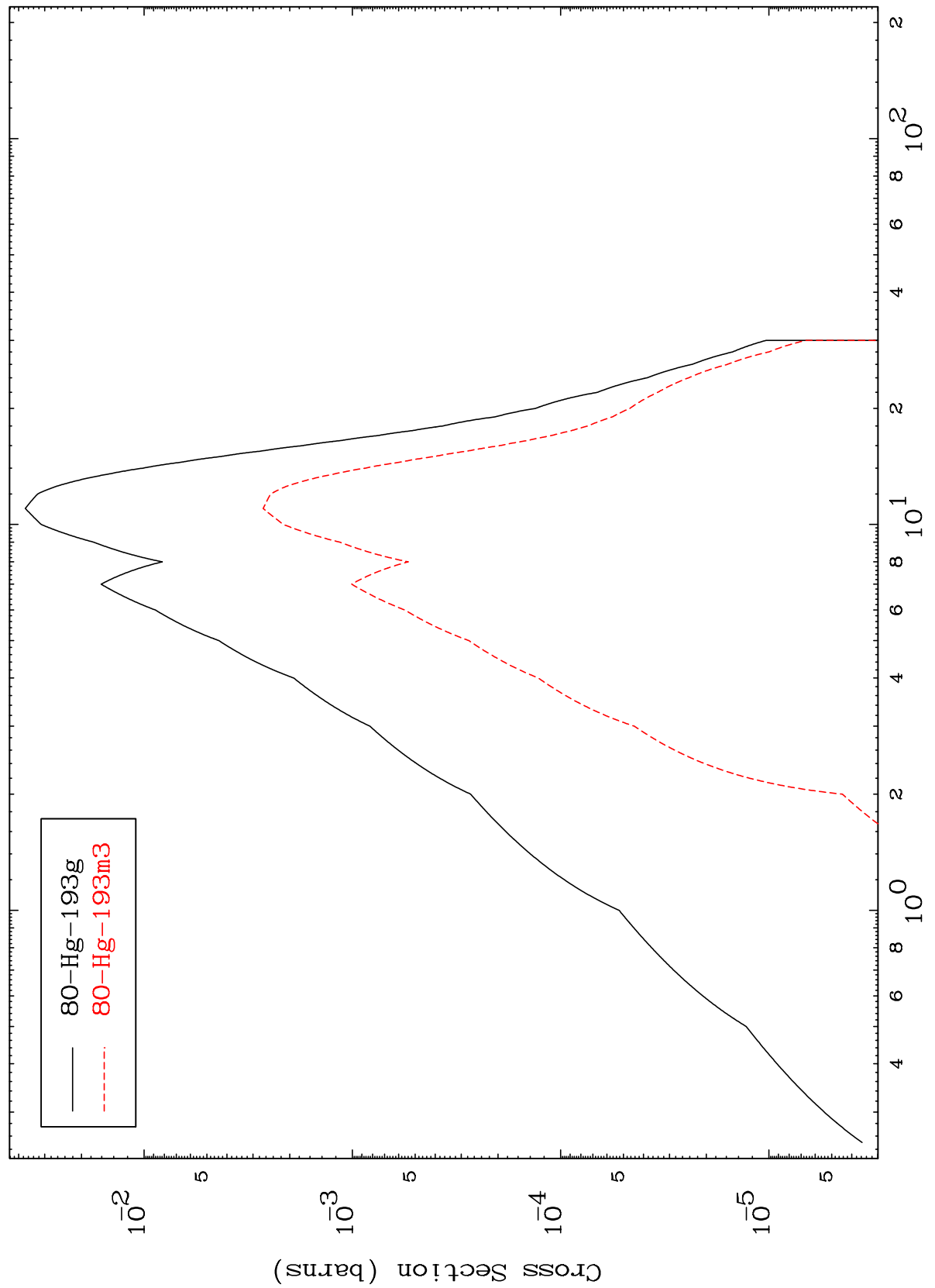
79-Au-191g  
79-Au-191m4



MAT 8016

80-Hg-193

(n,γ)  
Radionuclide Production Cross Section



80-Hg-193

Incident Energy (MeV)

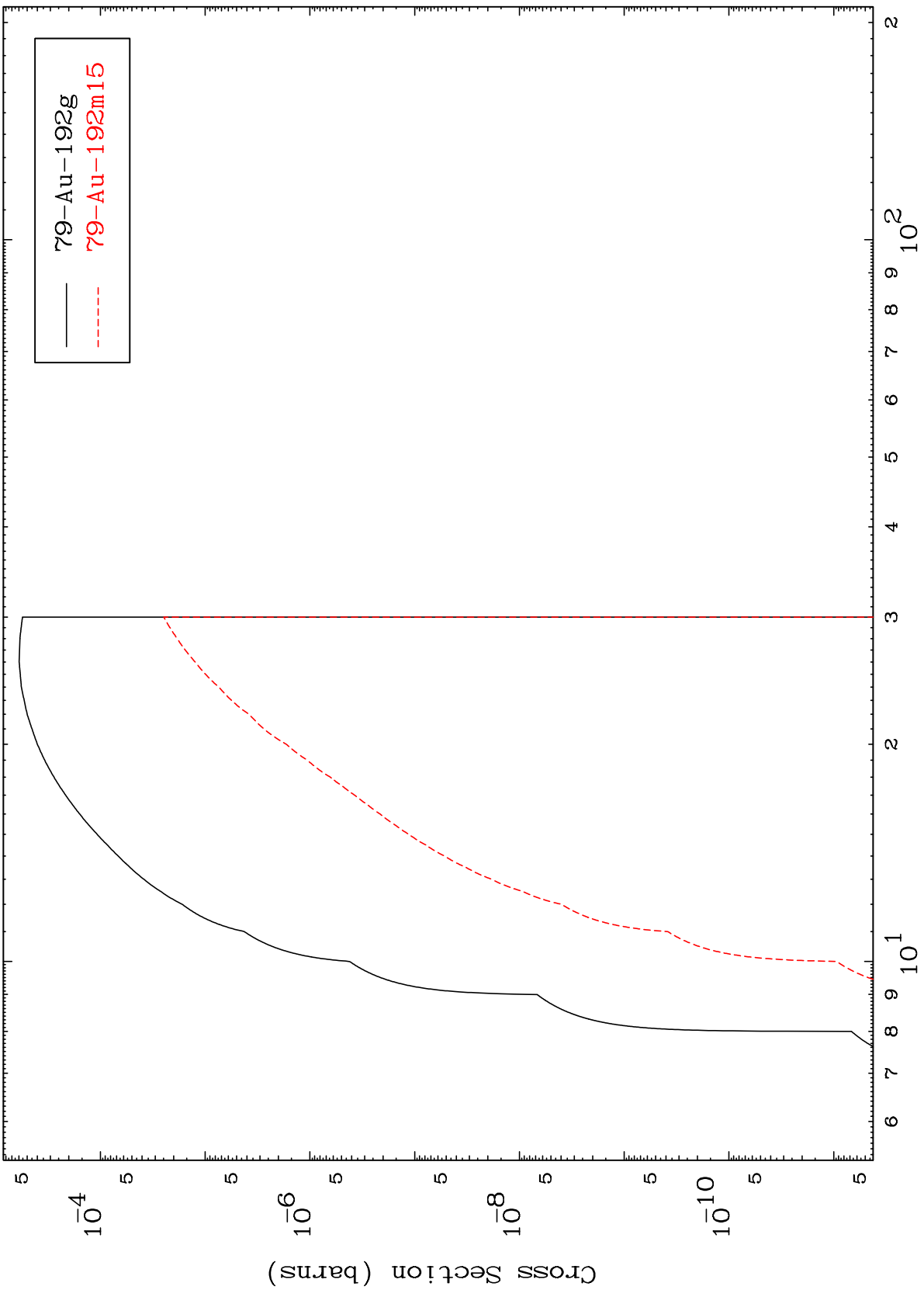
15



MAT 8016

80-Hg-193

(n,p)  
Radionuclide Production Cross Section



79-Au-192g  
79-Au-192m15

16

Incident Energy (MeV)

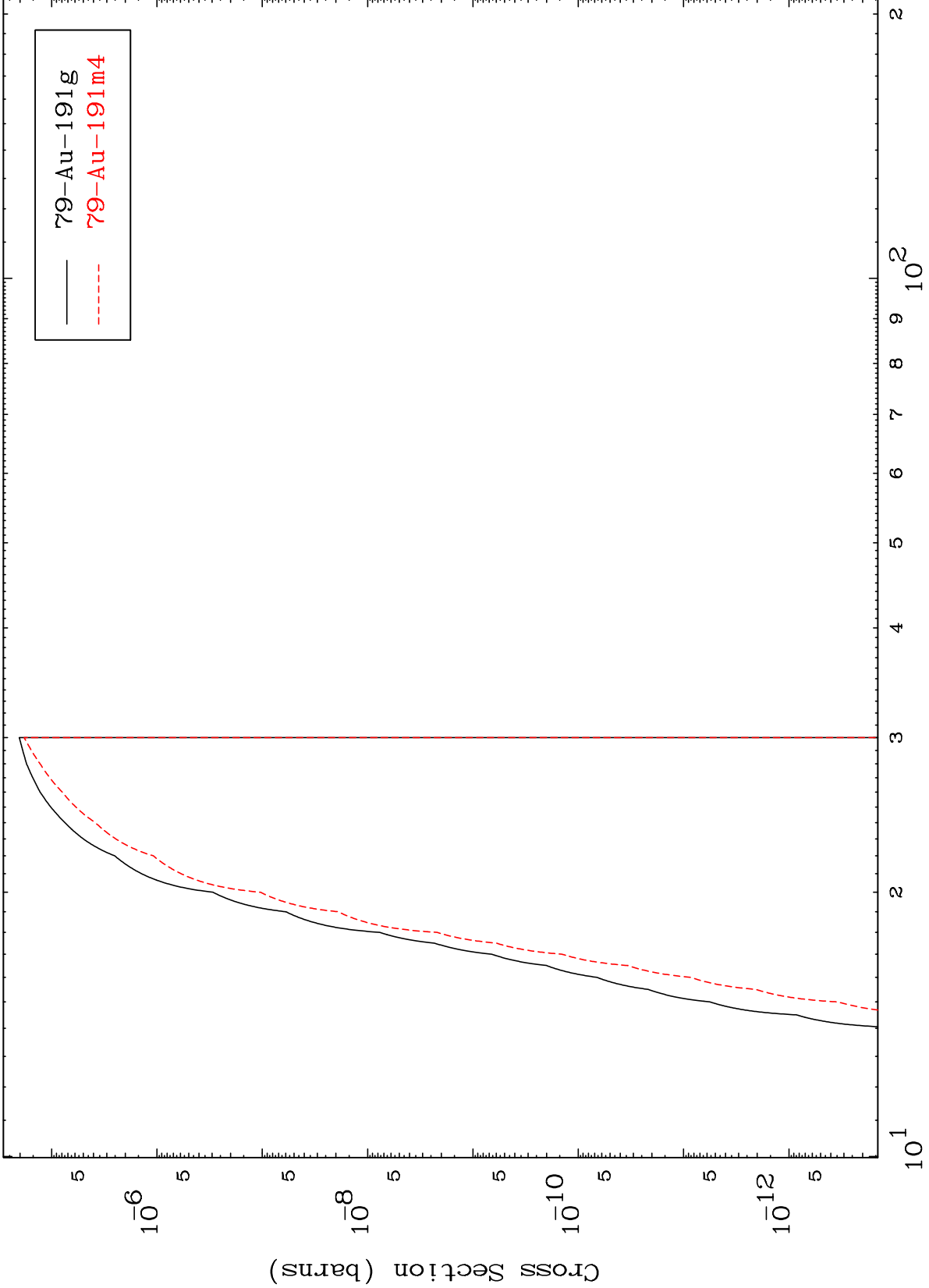
80-Hg-193

MAT 8016

(n,d)

80-Hg-193

Radionuclide Production Cross Section



17

Incident Energy (MeV)

80-Hg-193