

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

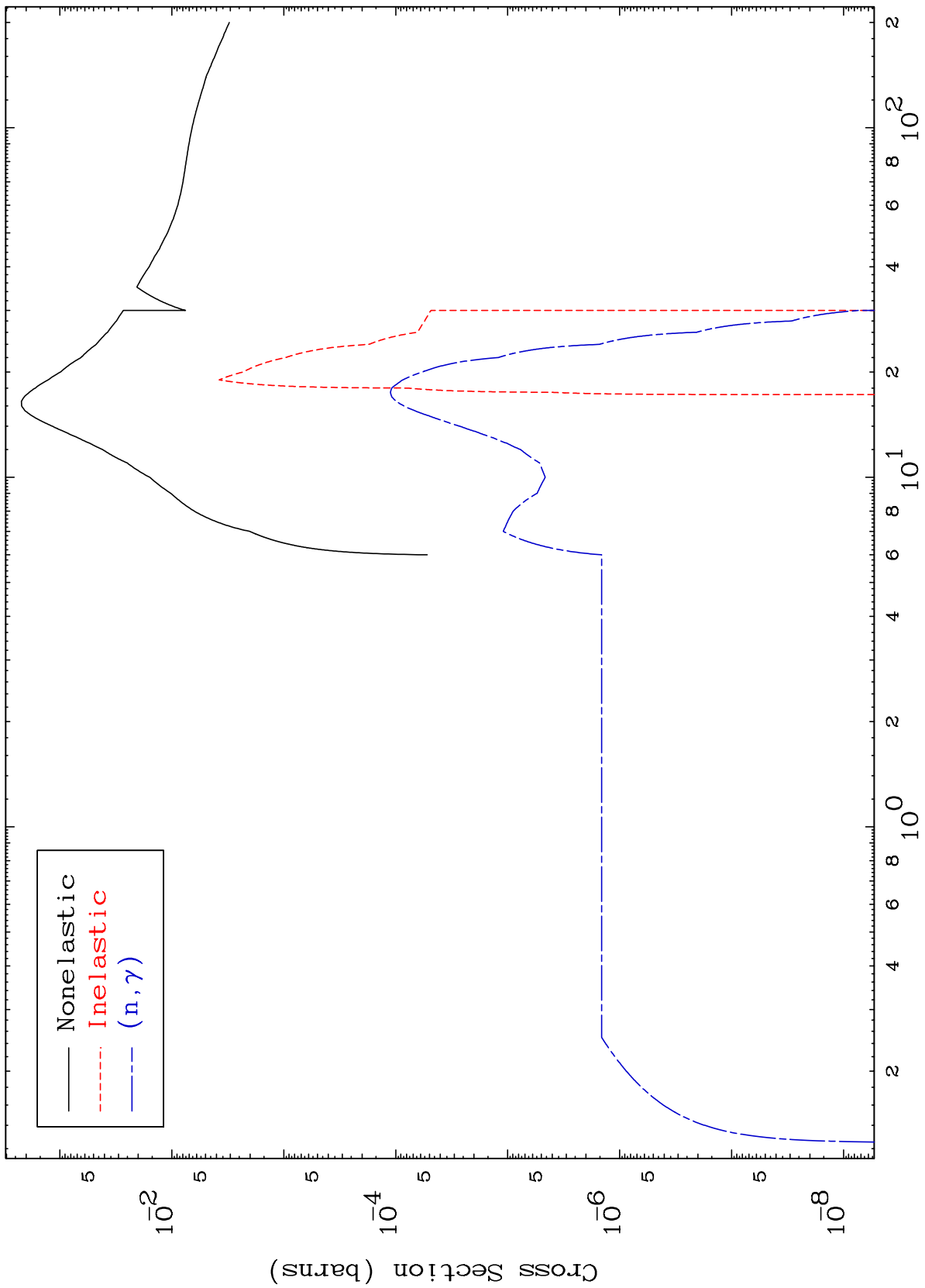
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4989

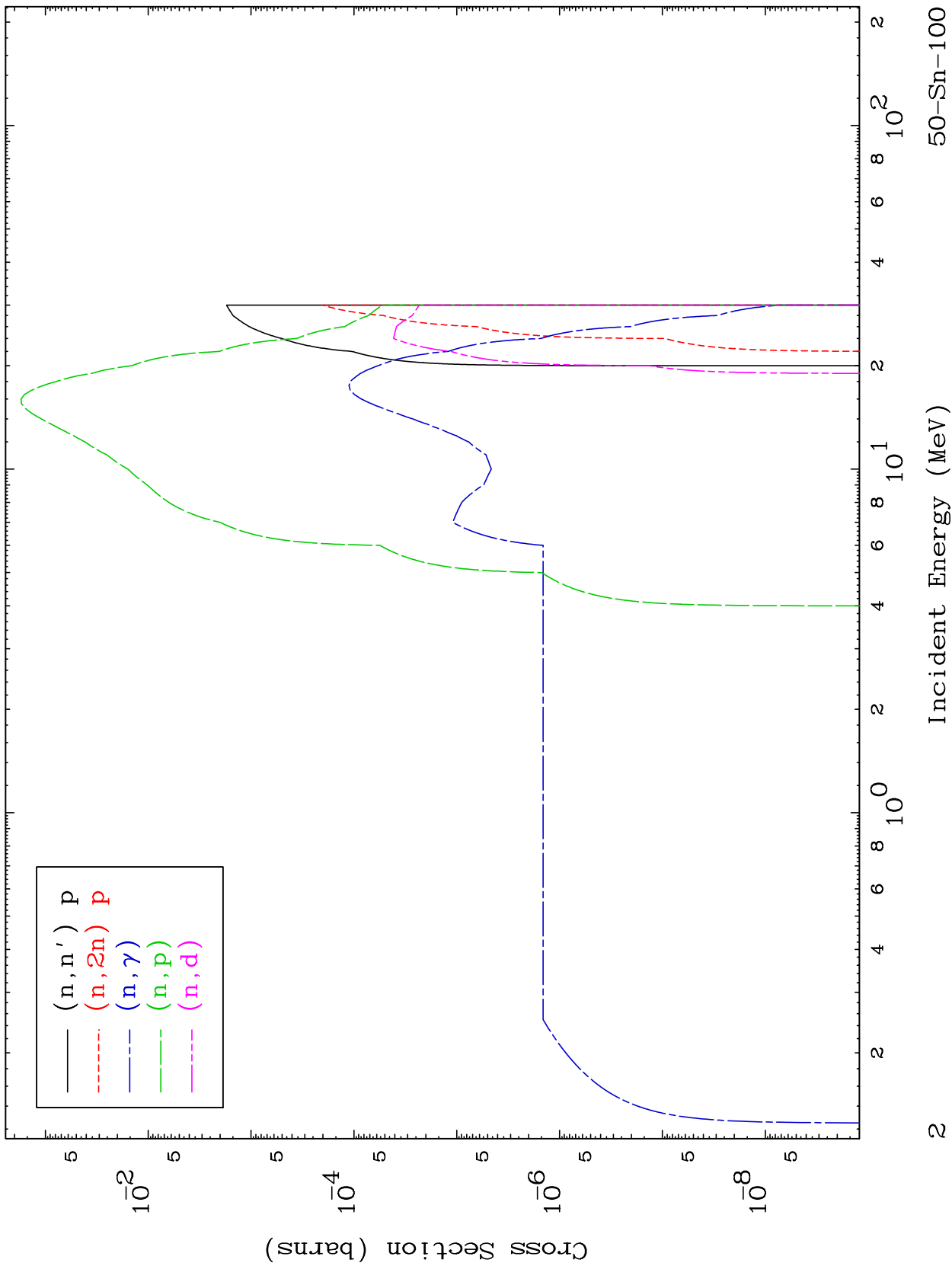
Photon Major  
0 Kelvin Cross Sections

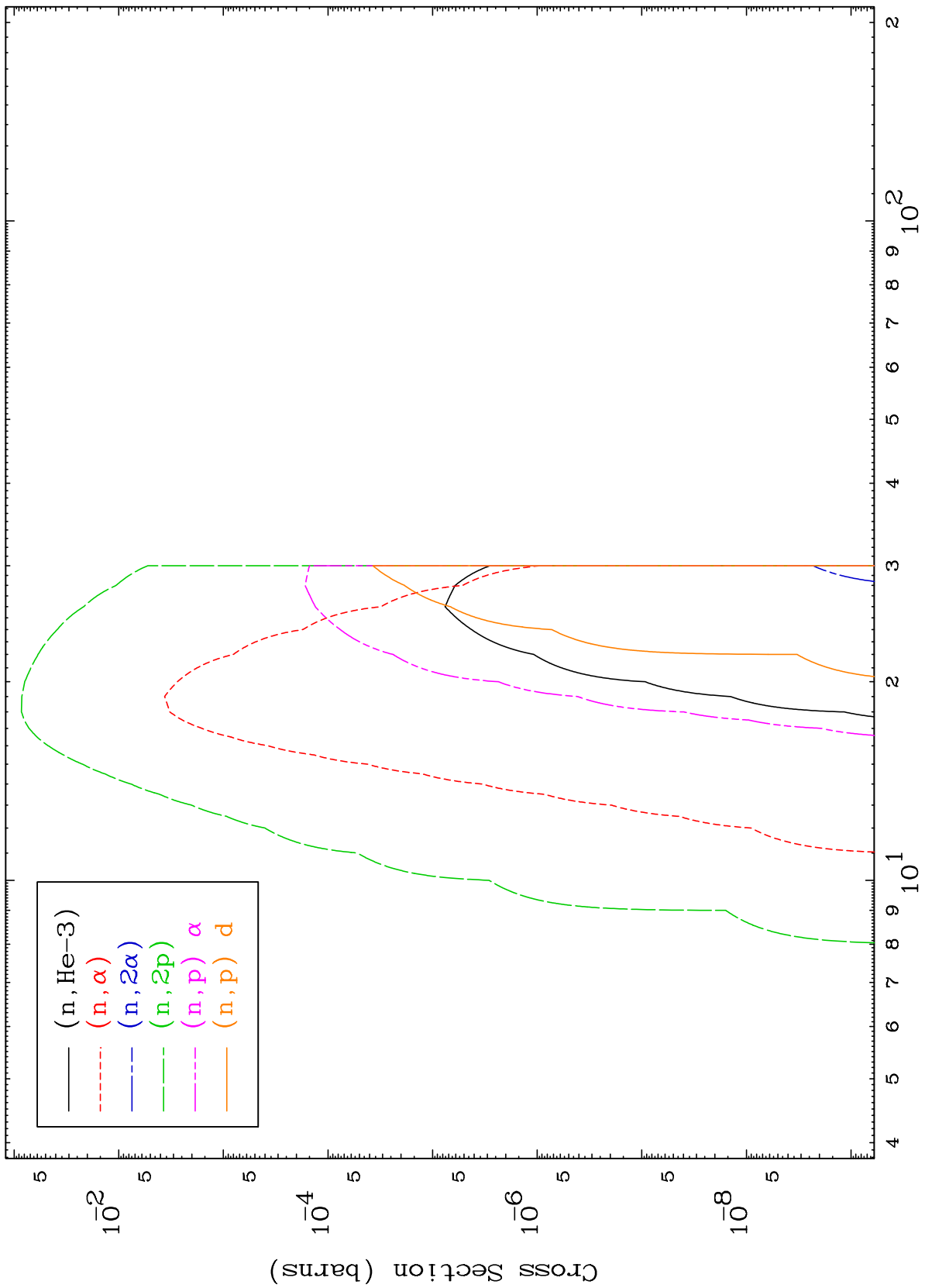
50-Sn-100

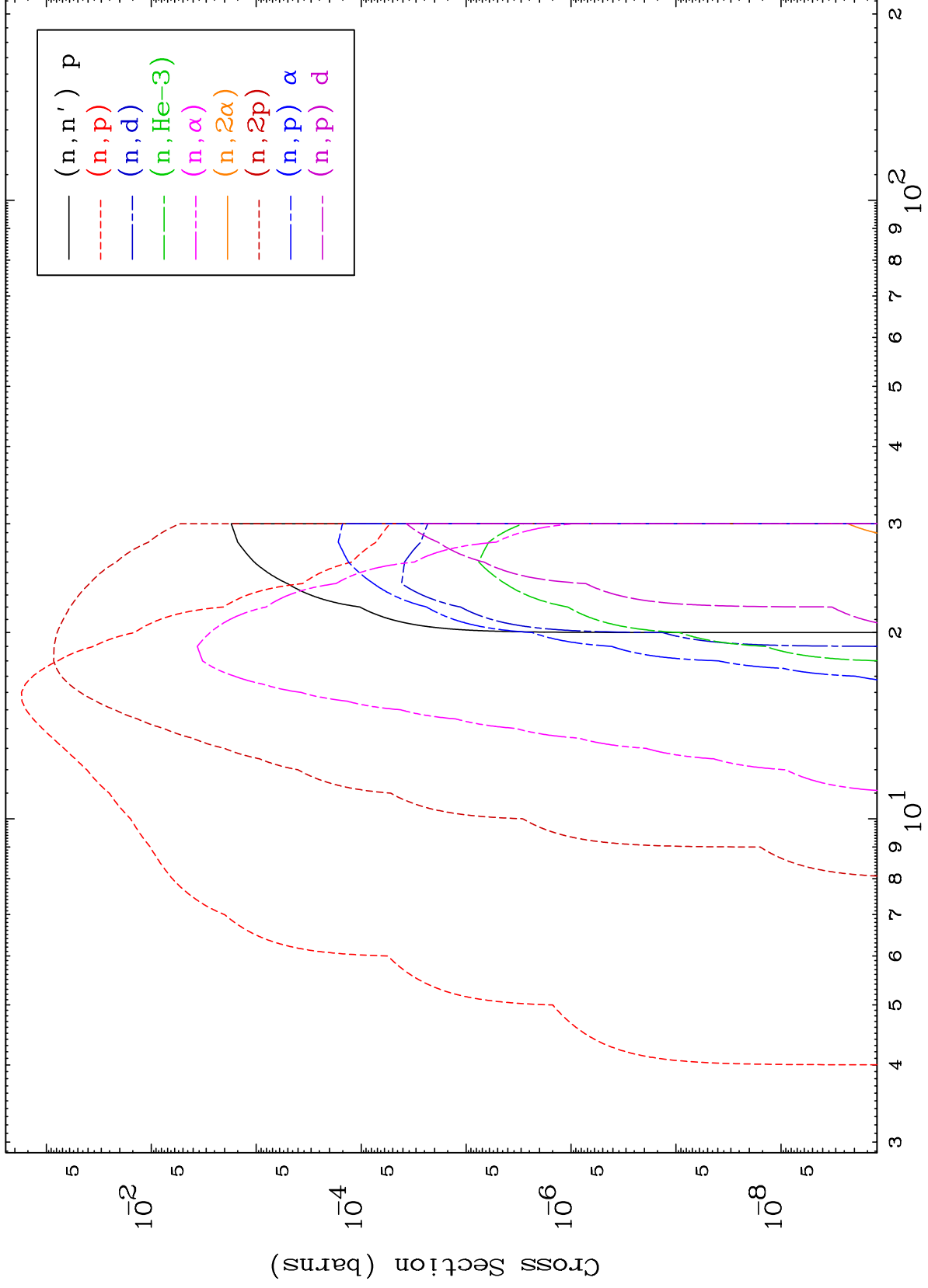


Legend:  
— Nonelastic  
- - - Inelastic  
- . -  $(n, \gamma)$

Photon Neutron Absorption  
0 Kelvin Cross Sections



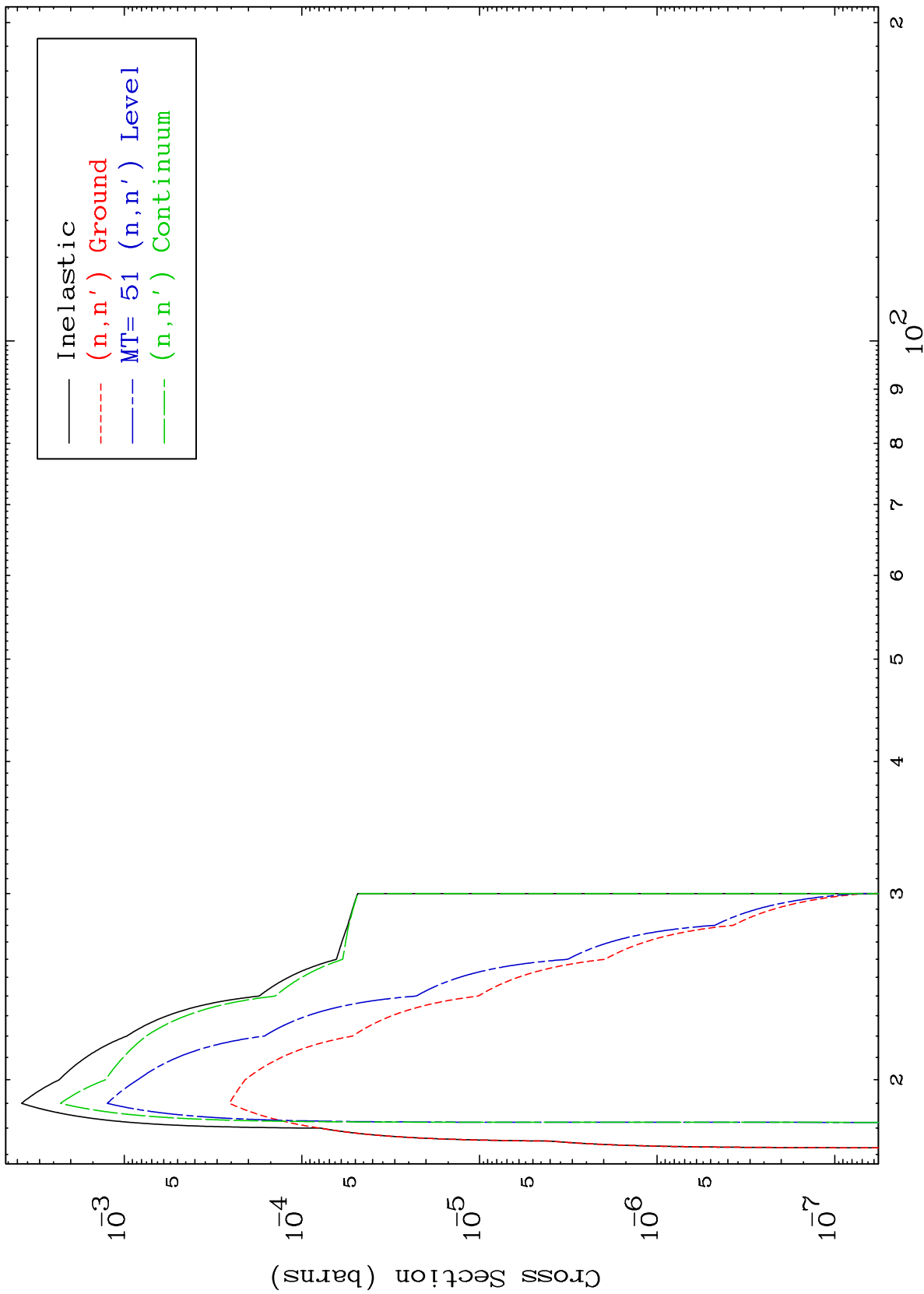




MAT 4989

50-Sn-100

( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections



50-Sn-100

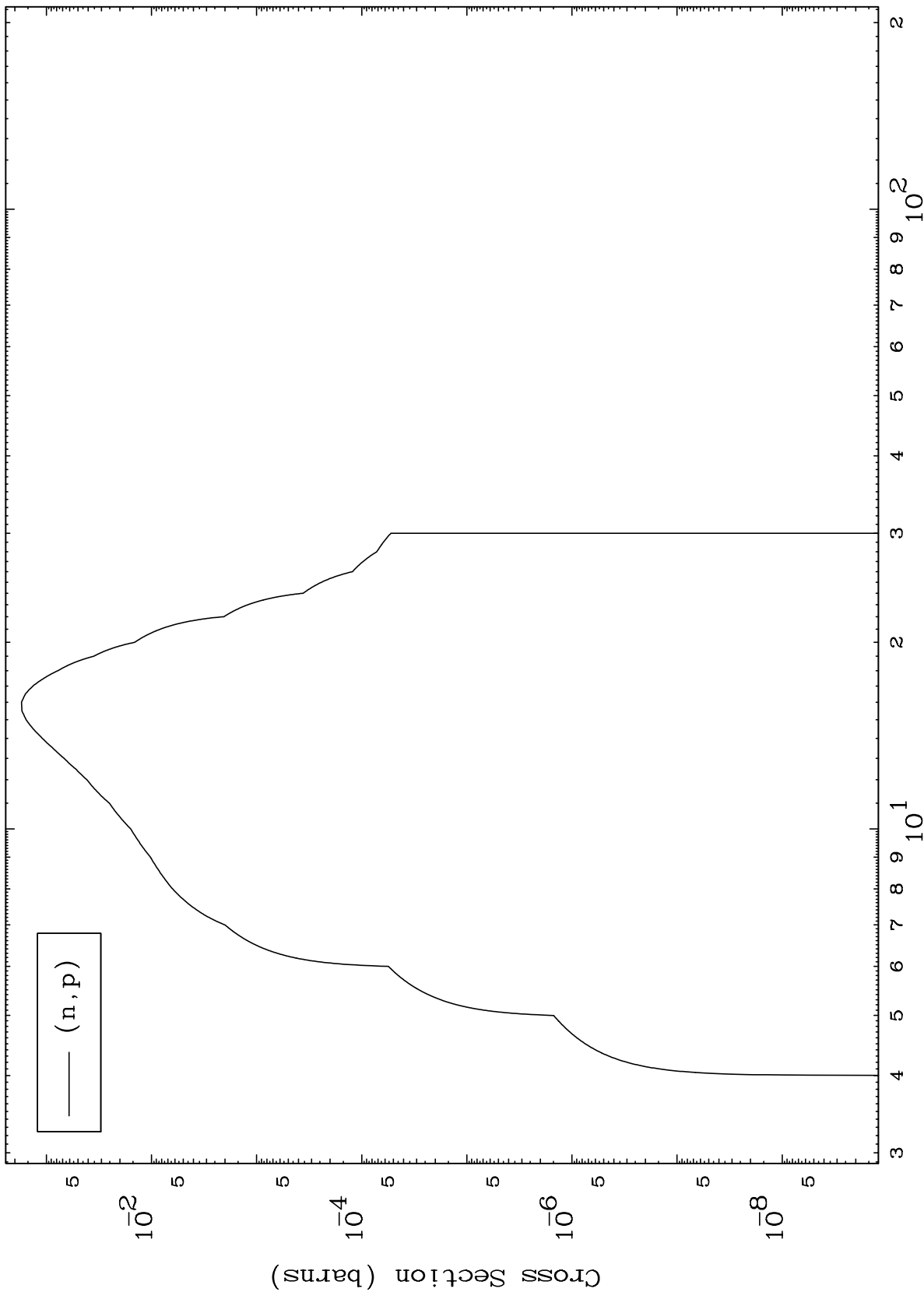
Incident Energy (MeV)

5

MAT 4989

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

50-Sn-100



Incident Energy (MeV)

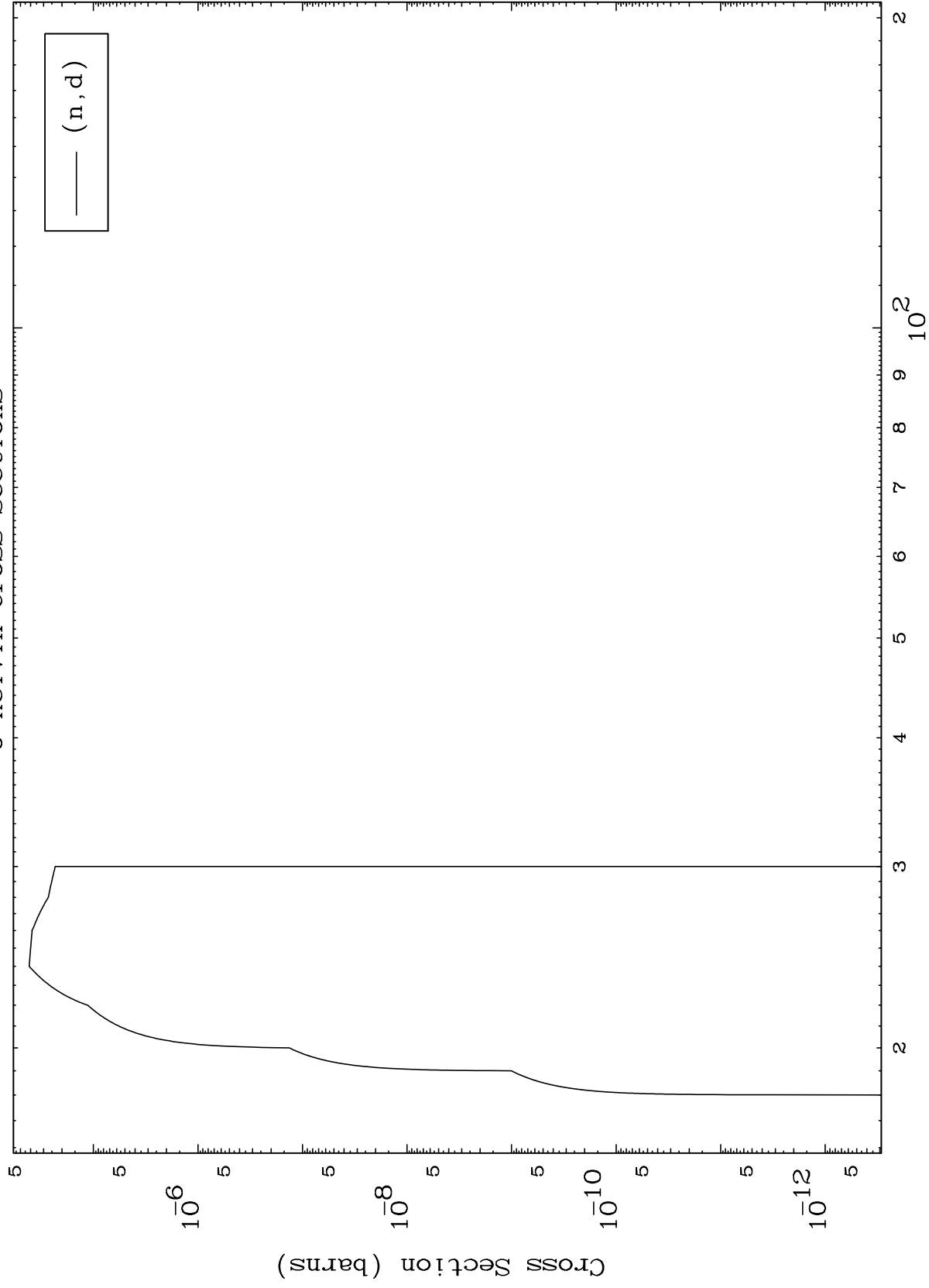
50-Sn-100

6

MAT 4989

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

50-Sn-100



7

Incident Energy (MeV)

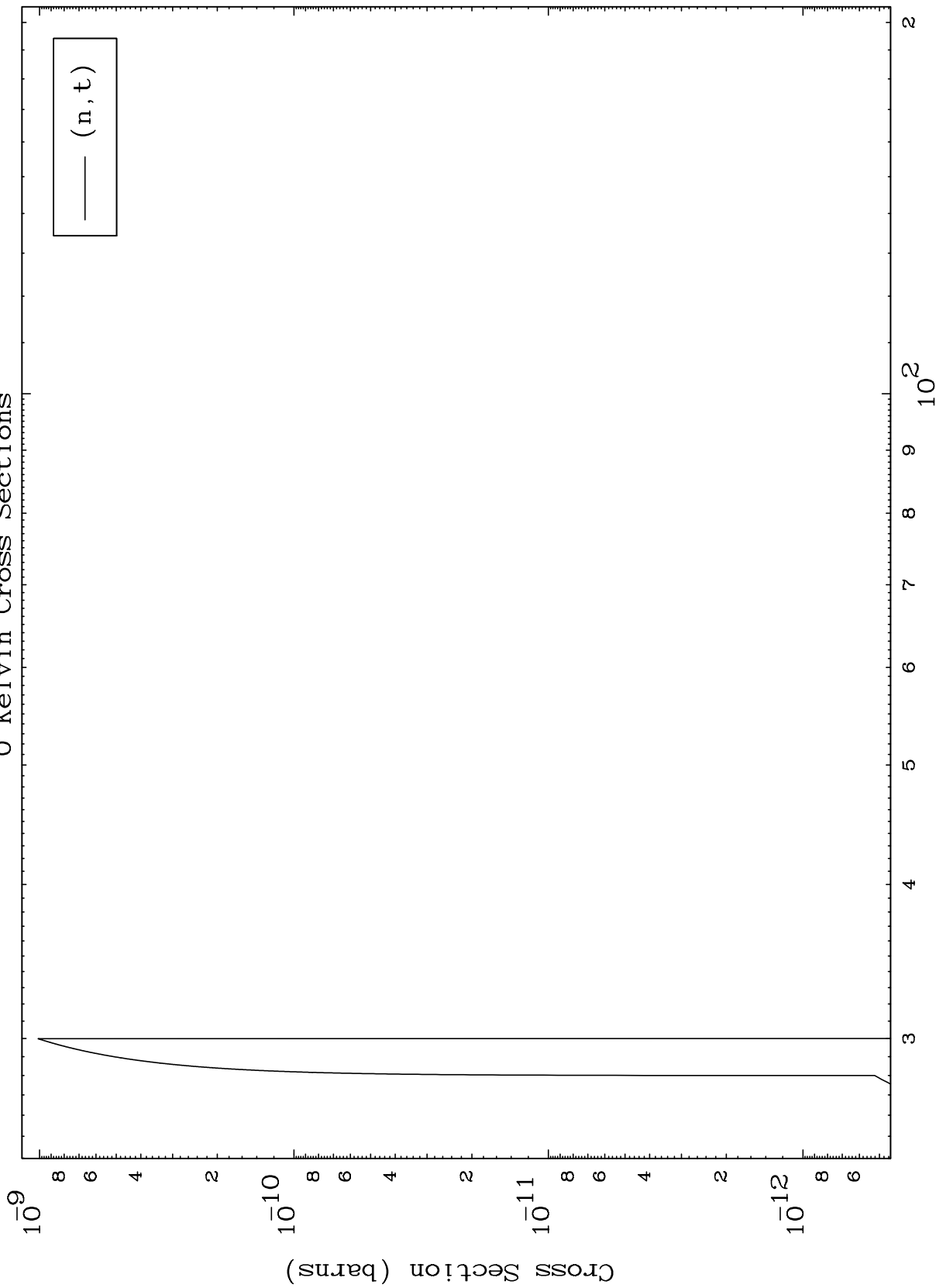
50-Sn-100



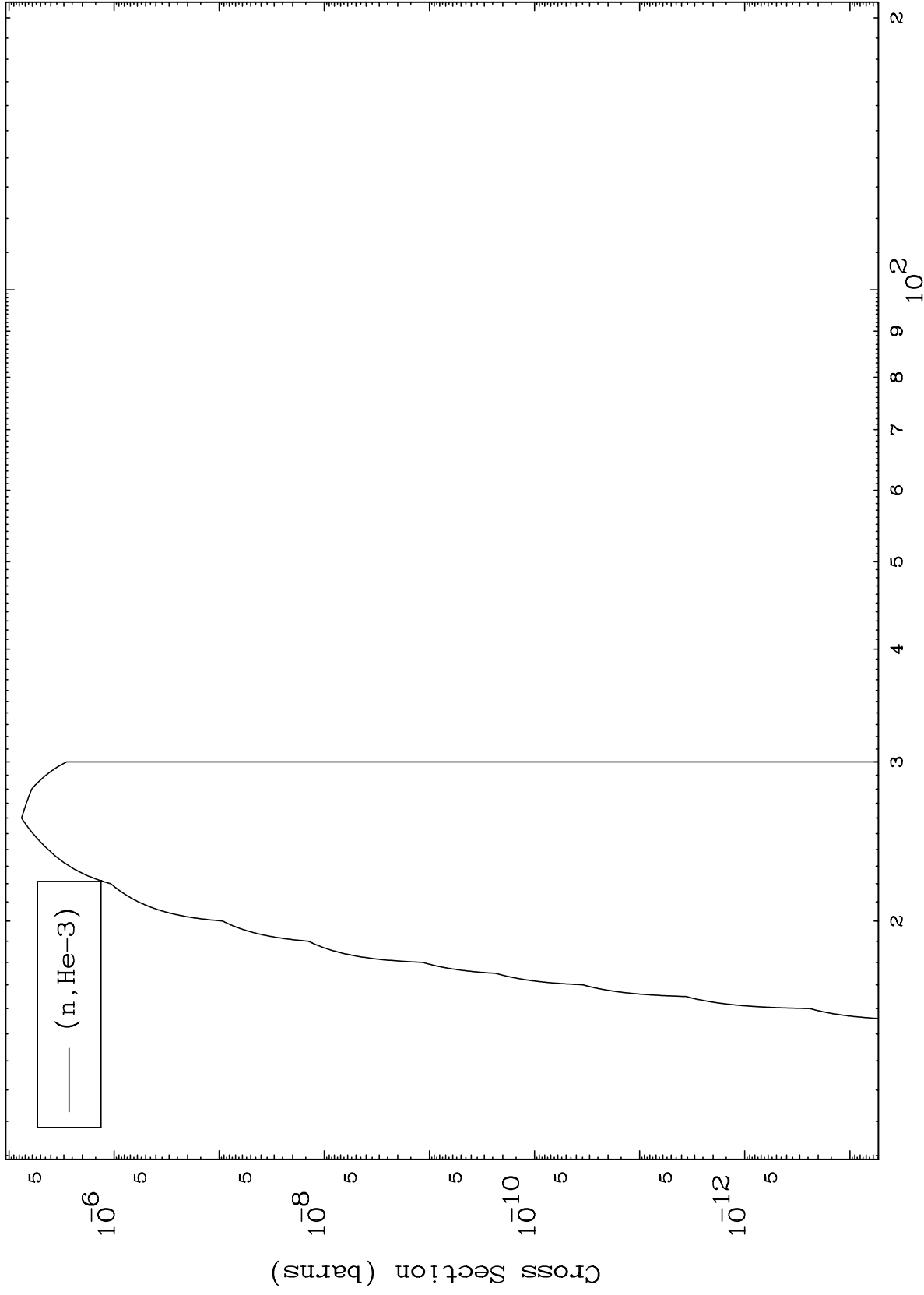
MAT 4989

50-Sn-100

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



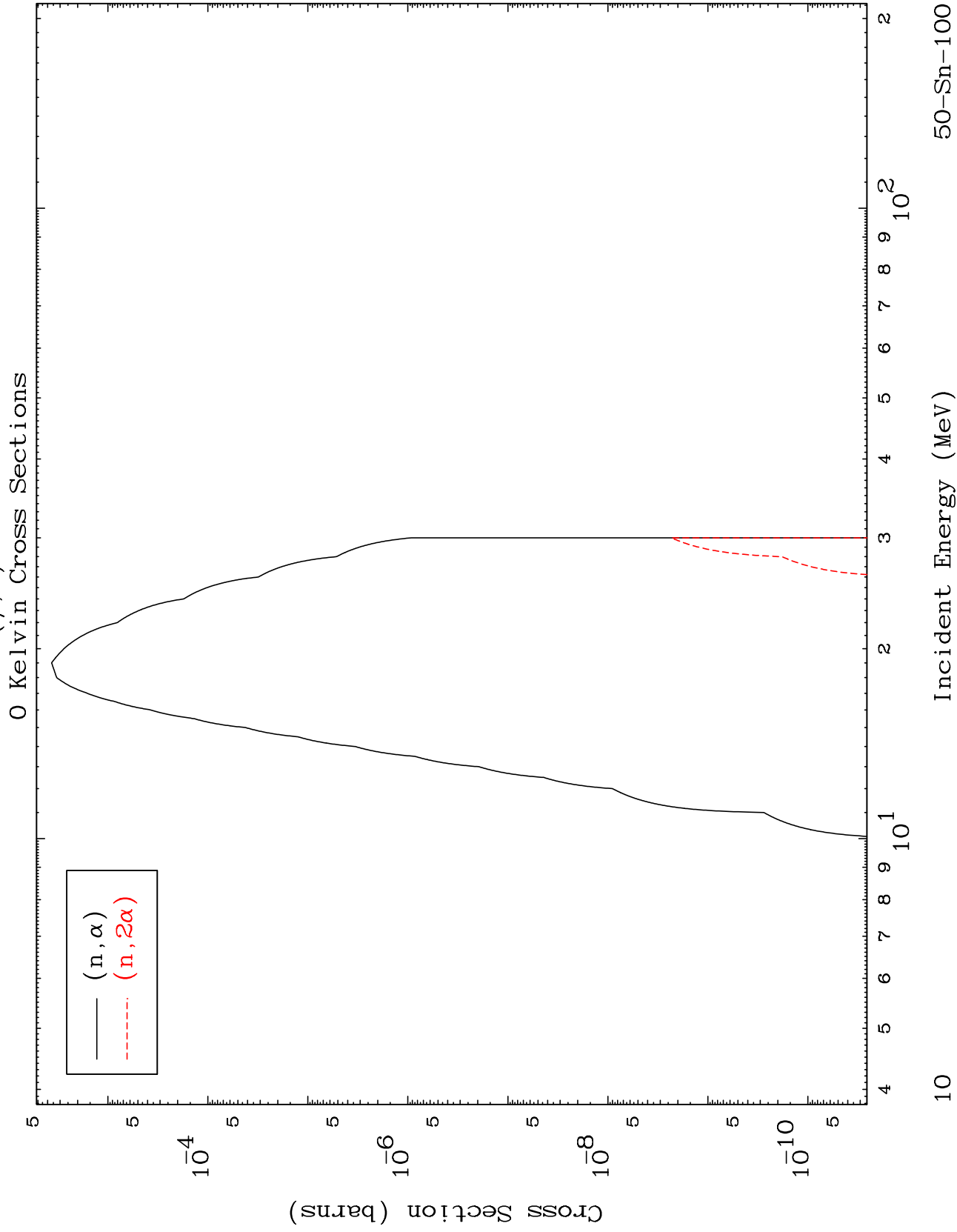
(n, t)



MAT 4989

( $\gamma, \alpha$ ) Levels

50-Sn-100

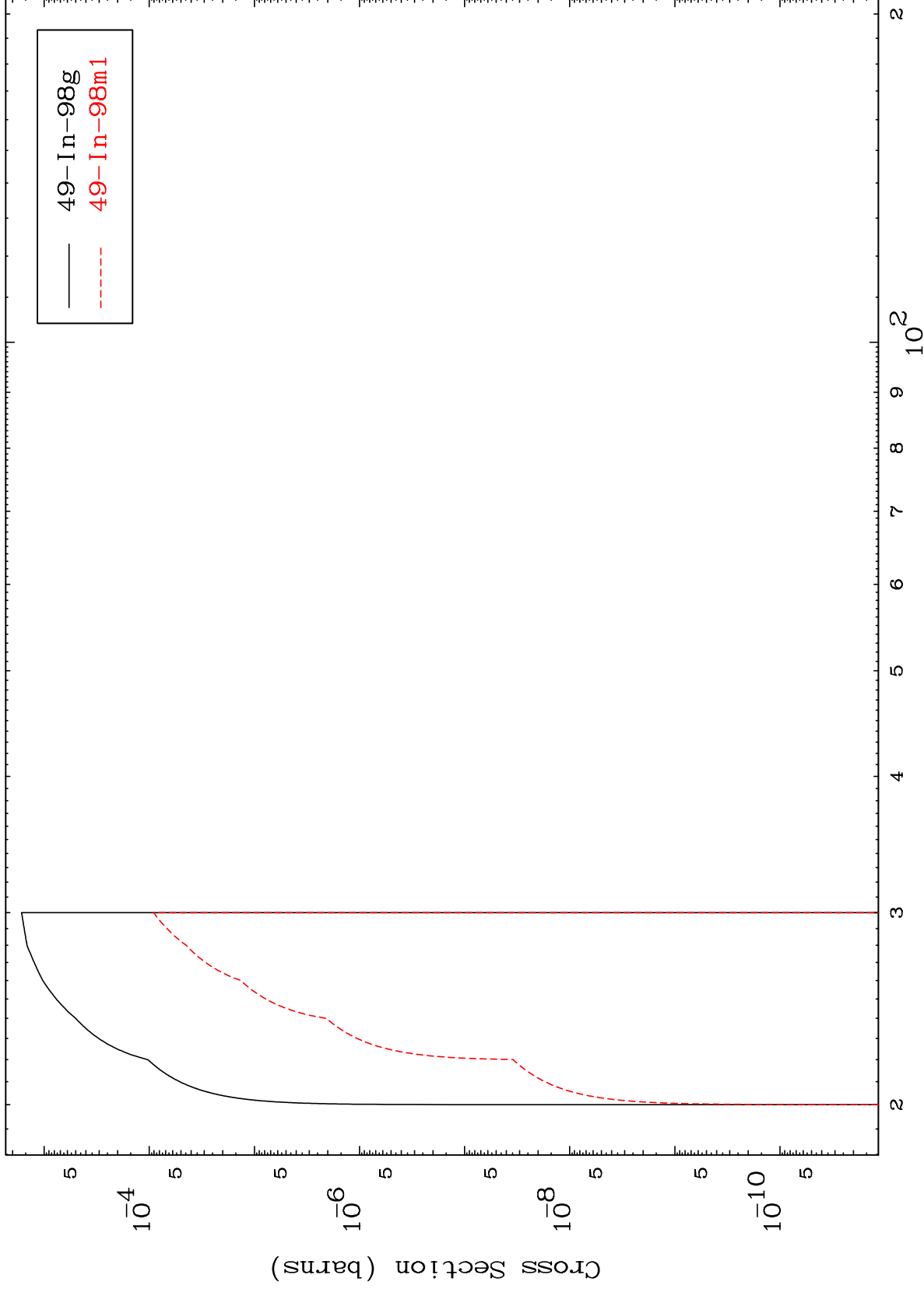


MAT 4989

(n,n') p

50-Sn-100

Radionuclide Production Cross Section



11

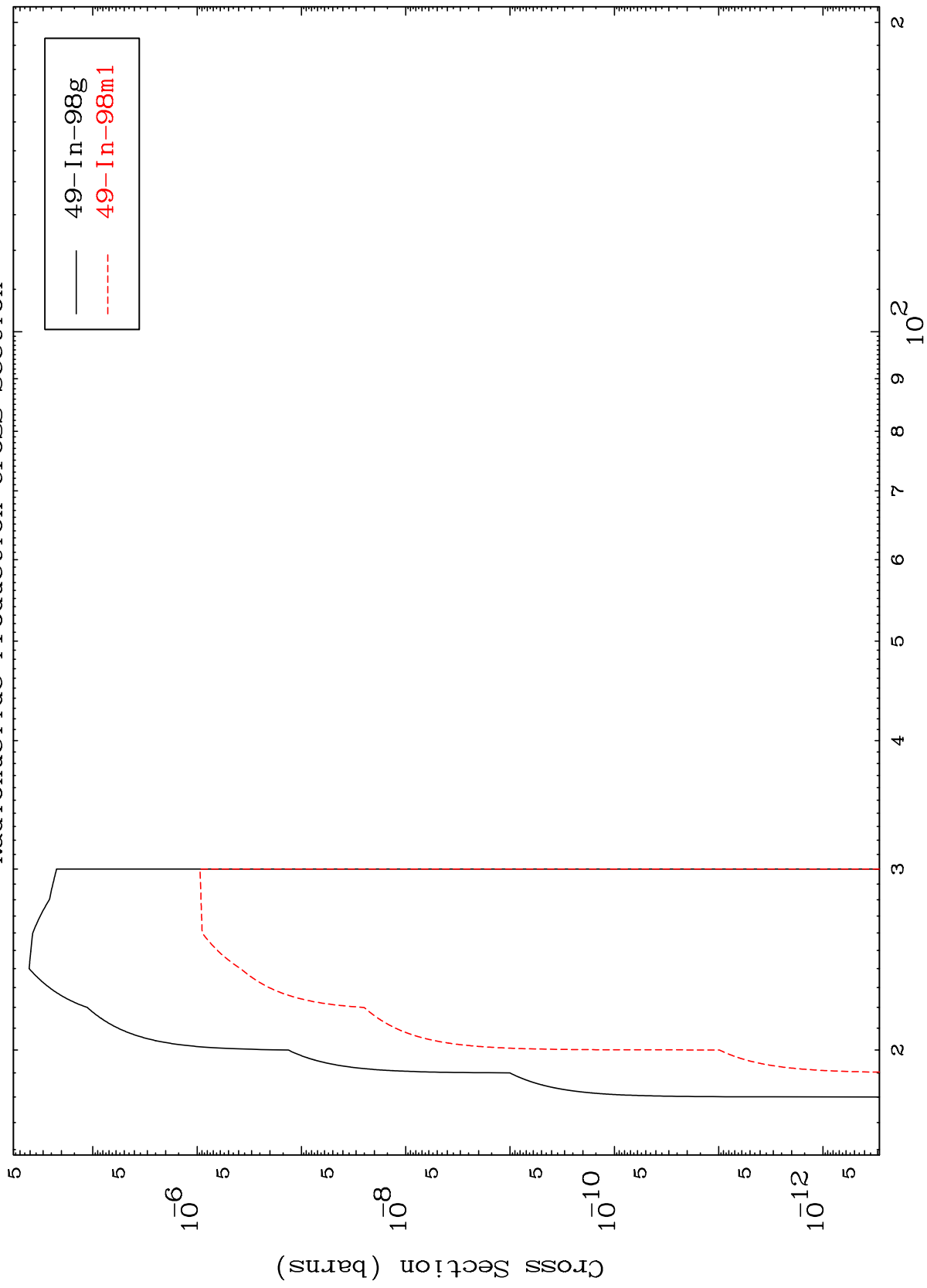
Incident Energy (MeV)

50-Sn-100

MAT 4989

50-Sn-100

(n,d)  
Radionuclide Production Cross Section



12

50-Sn-100

Incident Energy (MeV)

MAT 4989

(n,p)  $\alpha$

50-Sn-100

Radionuclide Production Cross Section

