

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

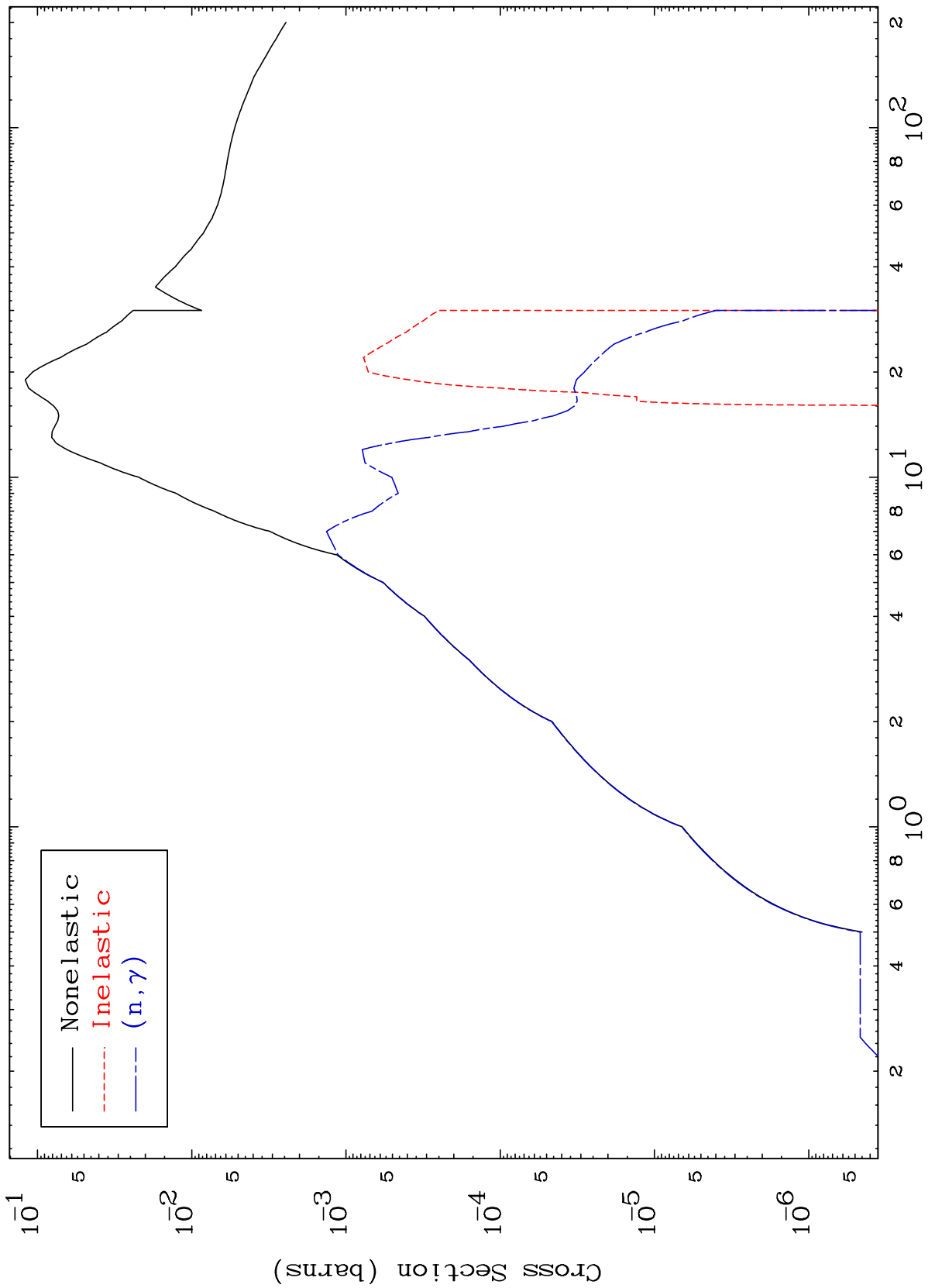
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3995

Photon Major  
0 Kelvin Cross Sections

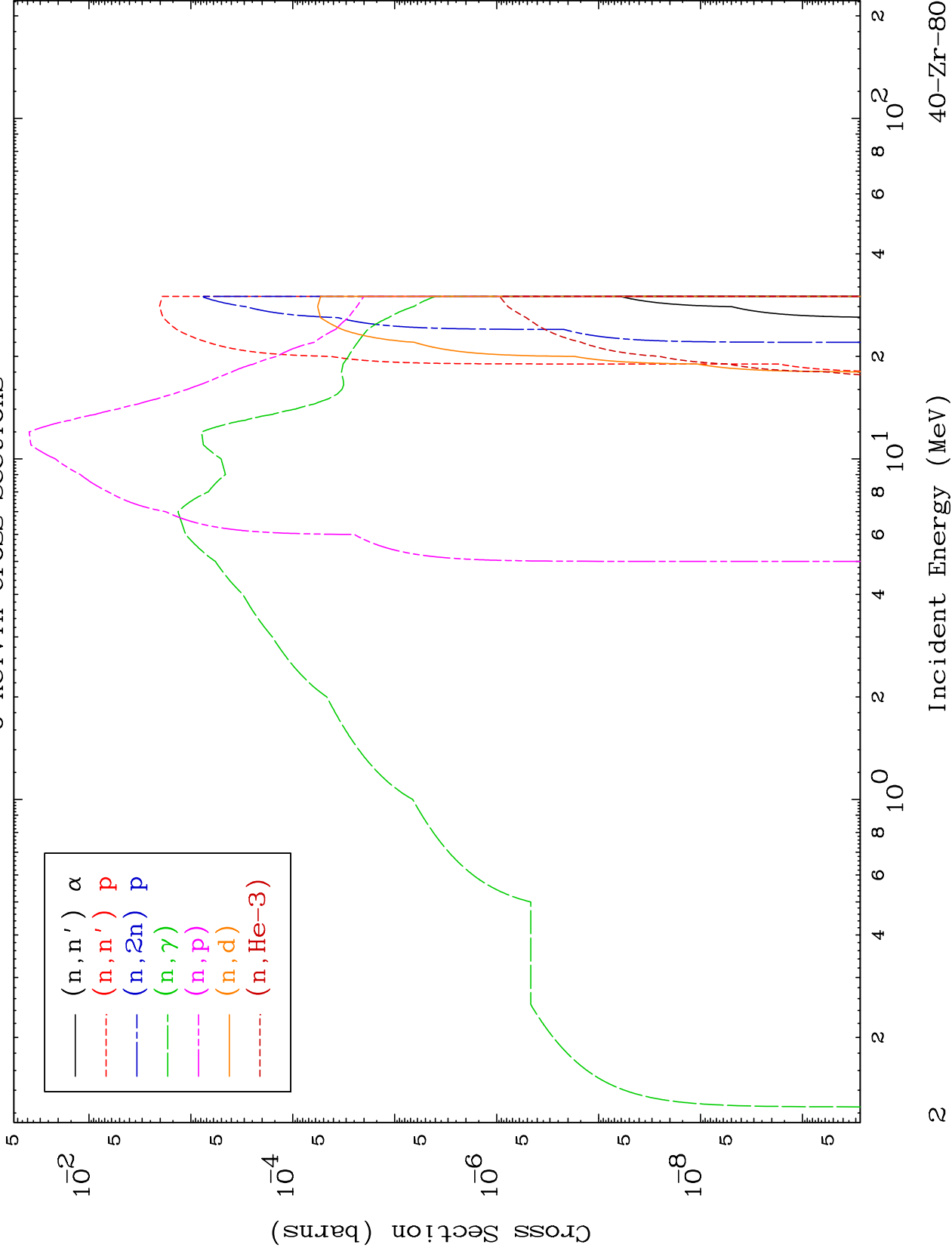
40-Zr-80

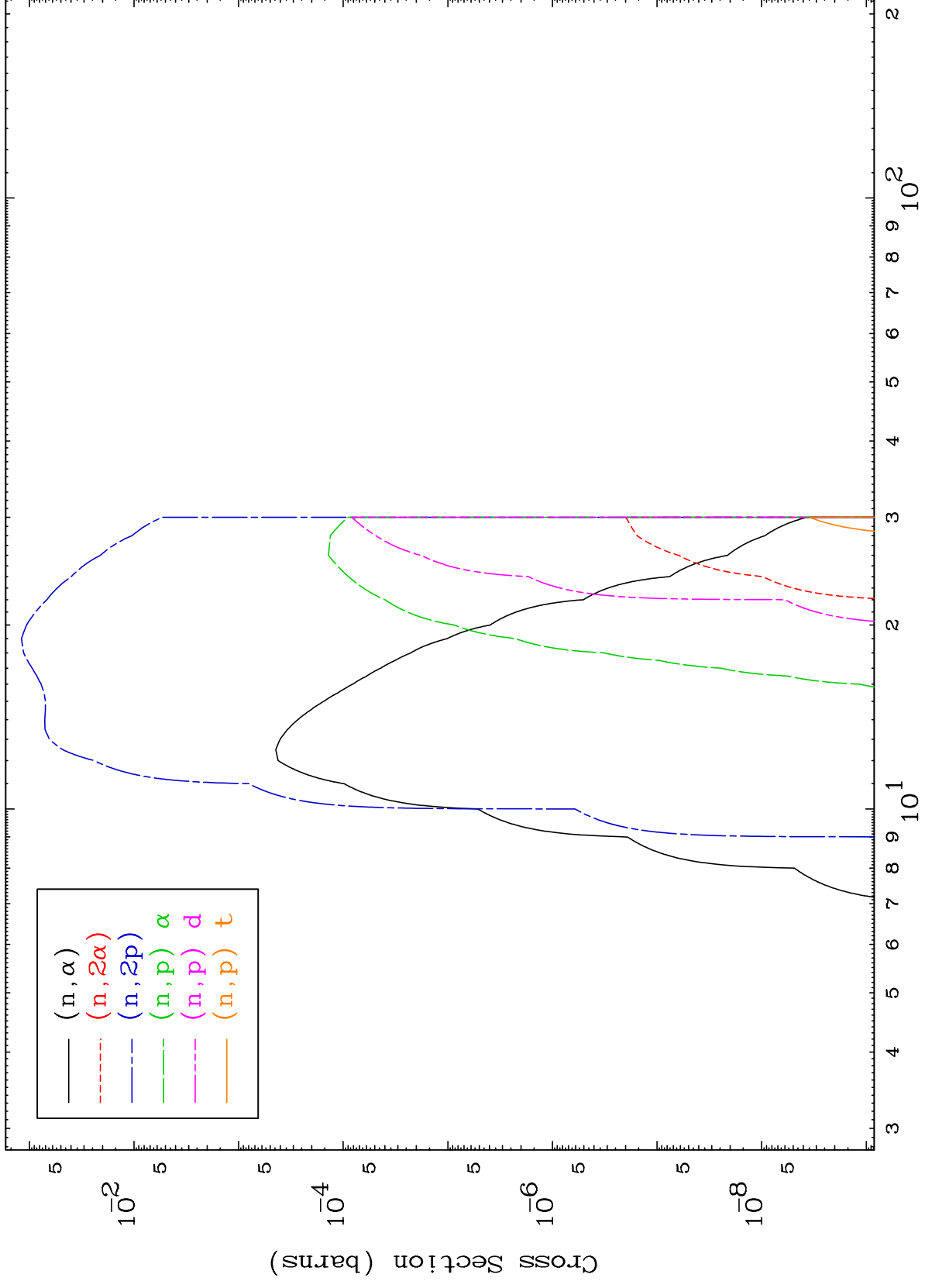


MAT 3995

Photon Neutron Absorption  
0 Kelvin Cross Sections

40-Zr-80

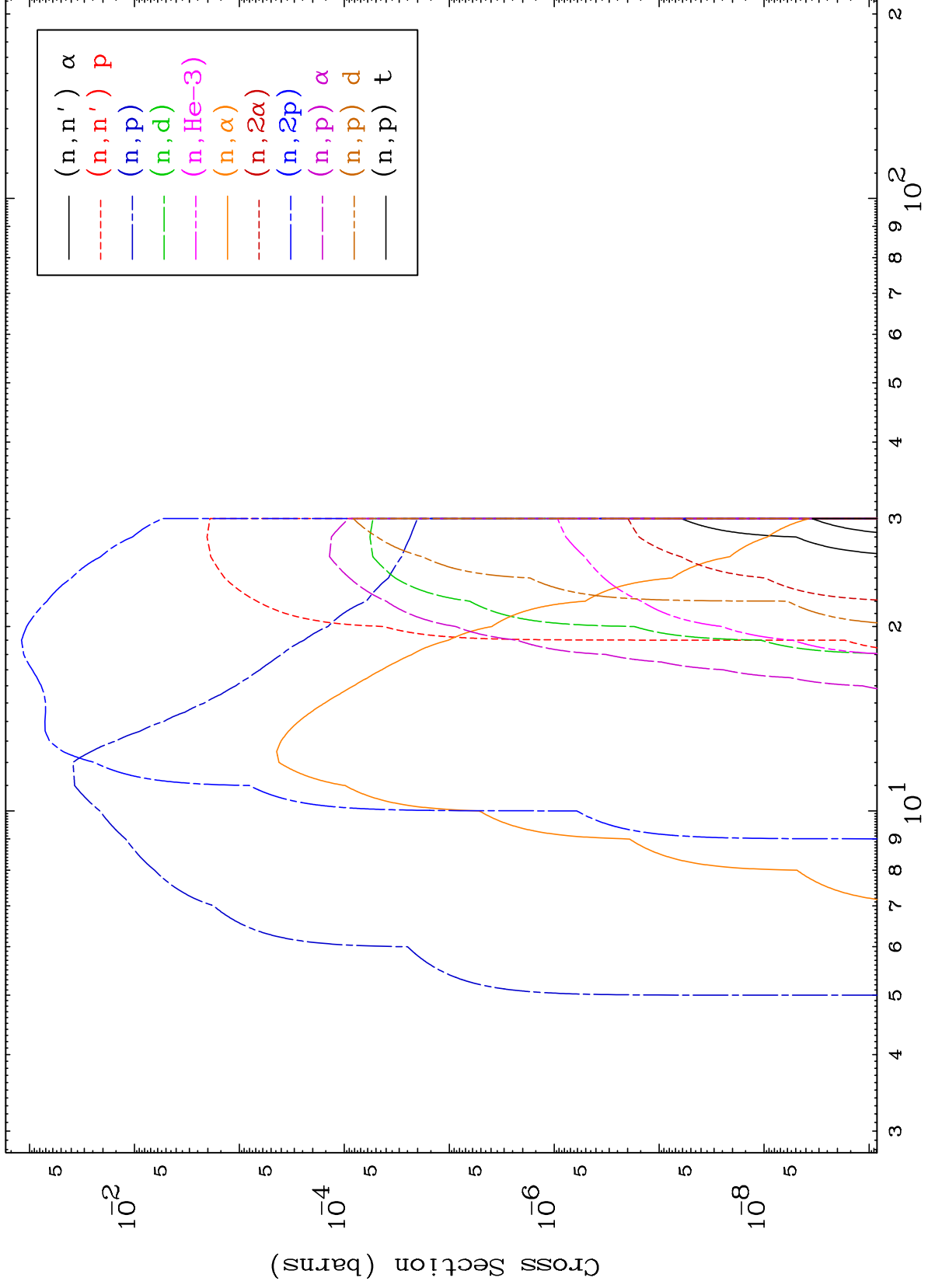




MAT 3995

Photon Charged Particle  
0 Kelvin Cross Sections

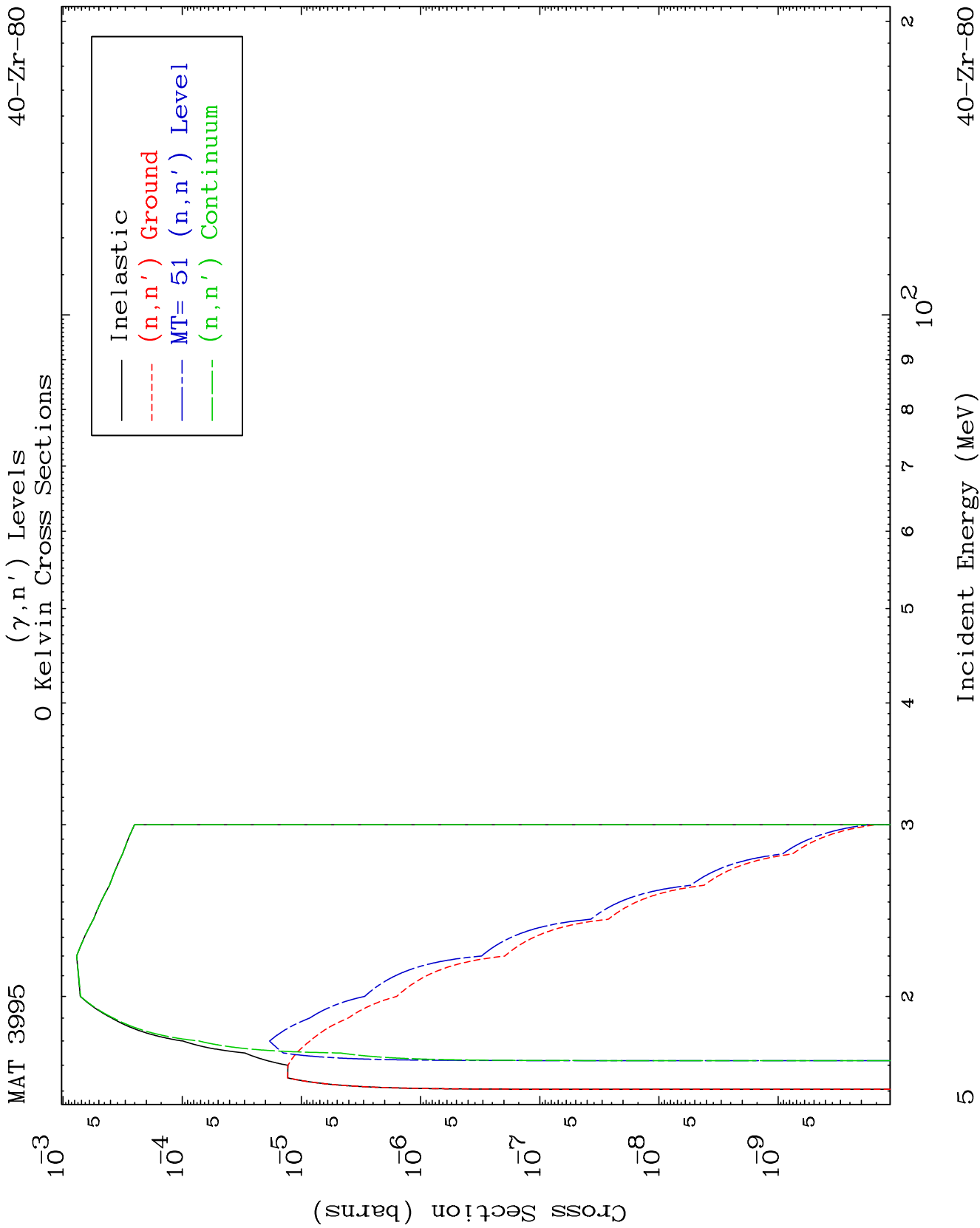
40-Zr-80



Incident Energy (MeV)

40-Zr-80

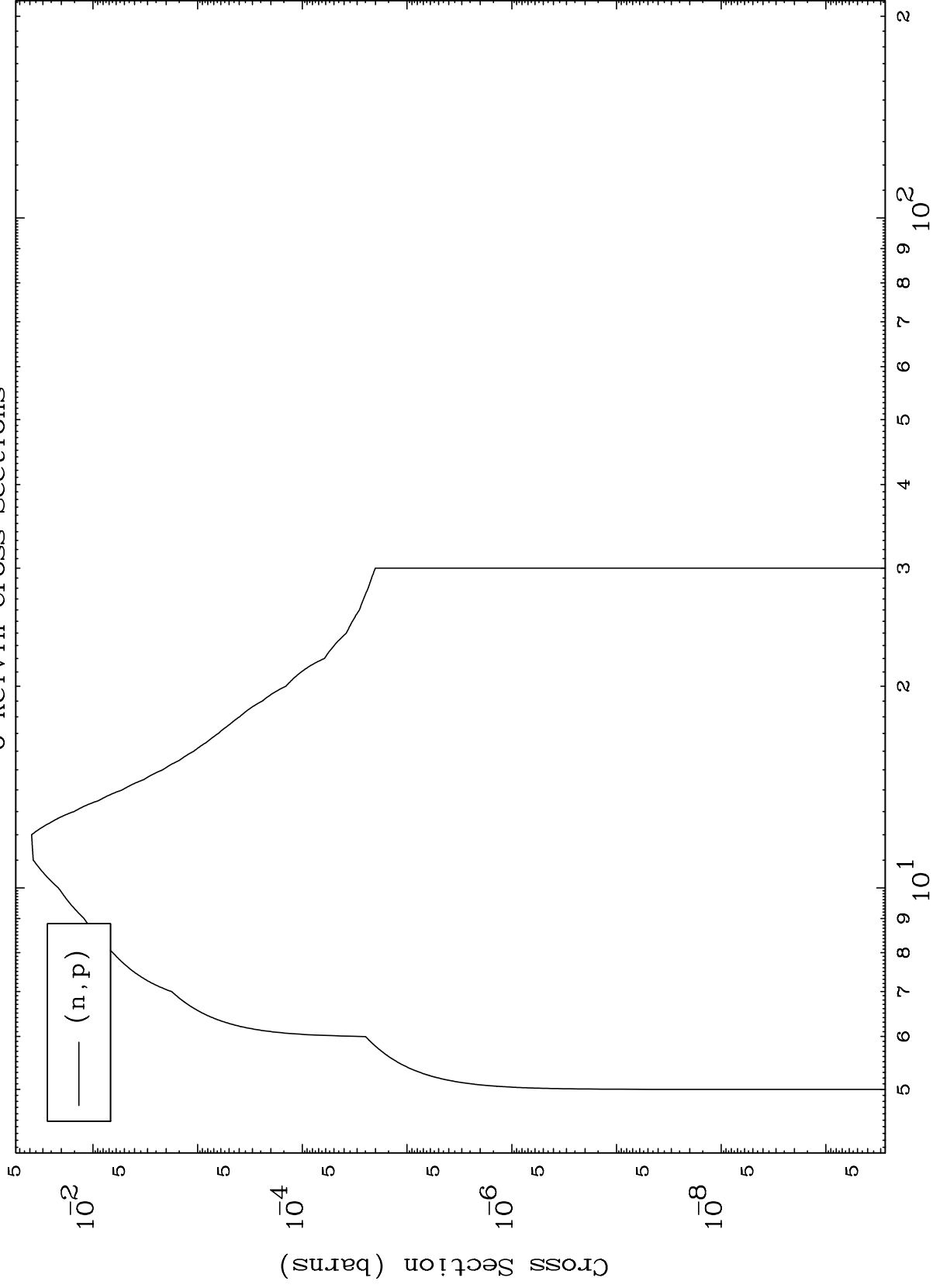
4



MAT 3995

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

40-Zr-80



6

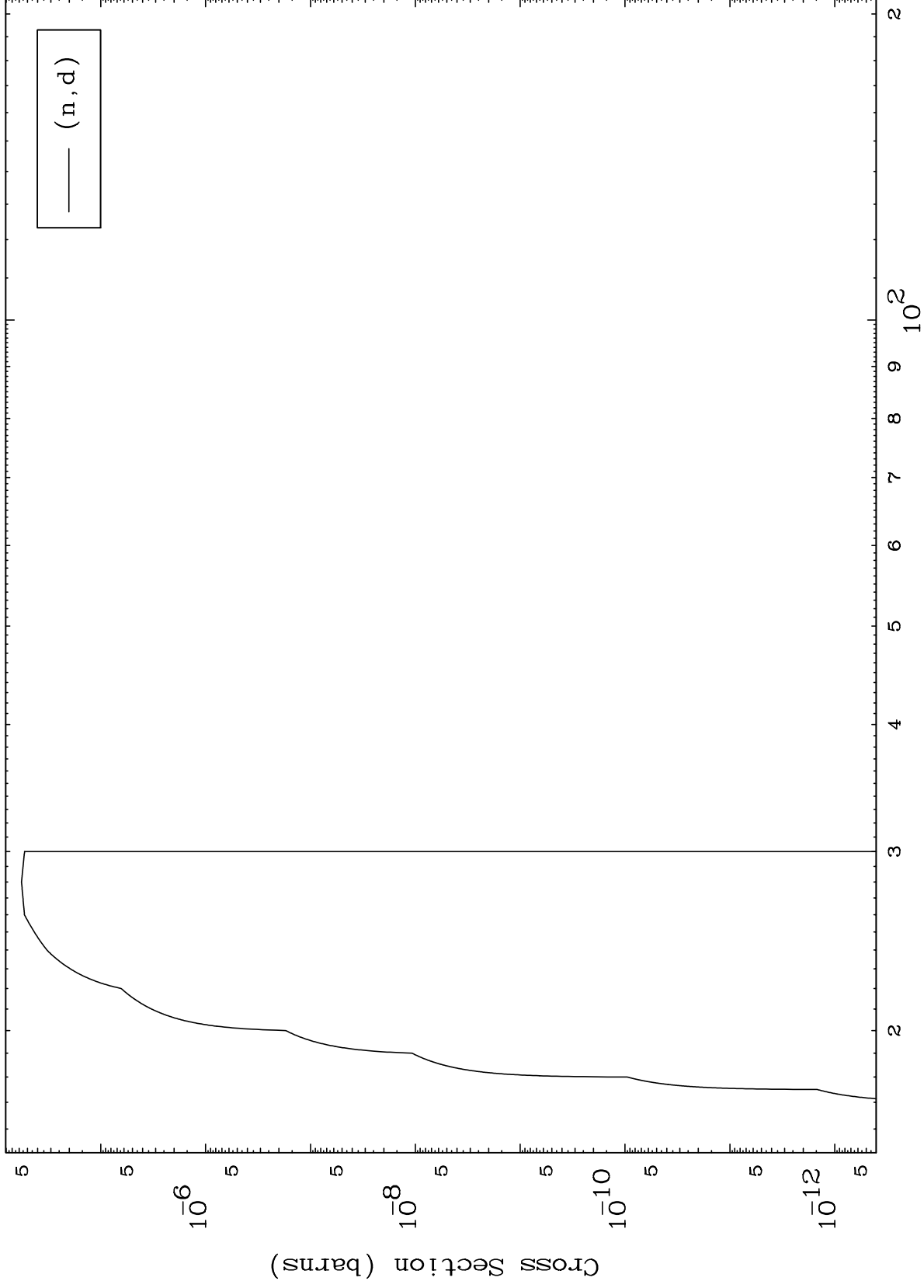
Incident Energy (MeV)

40-Zr-80

MAT 3995

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

40-Zr-80



7

Incident Energy (MeV)

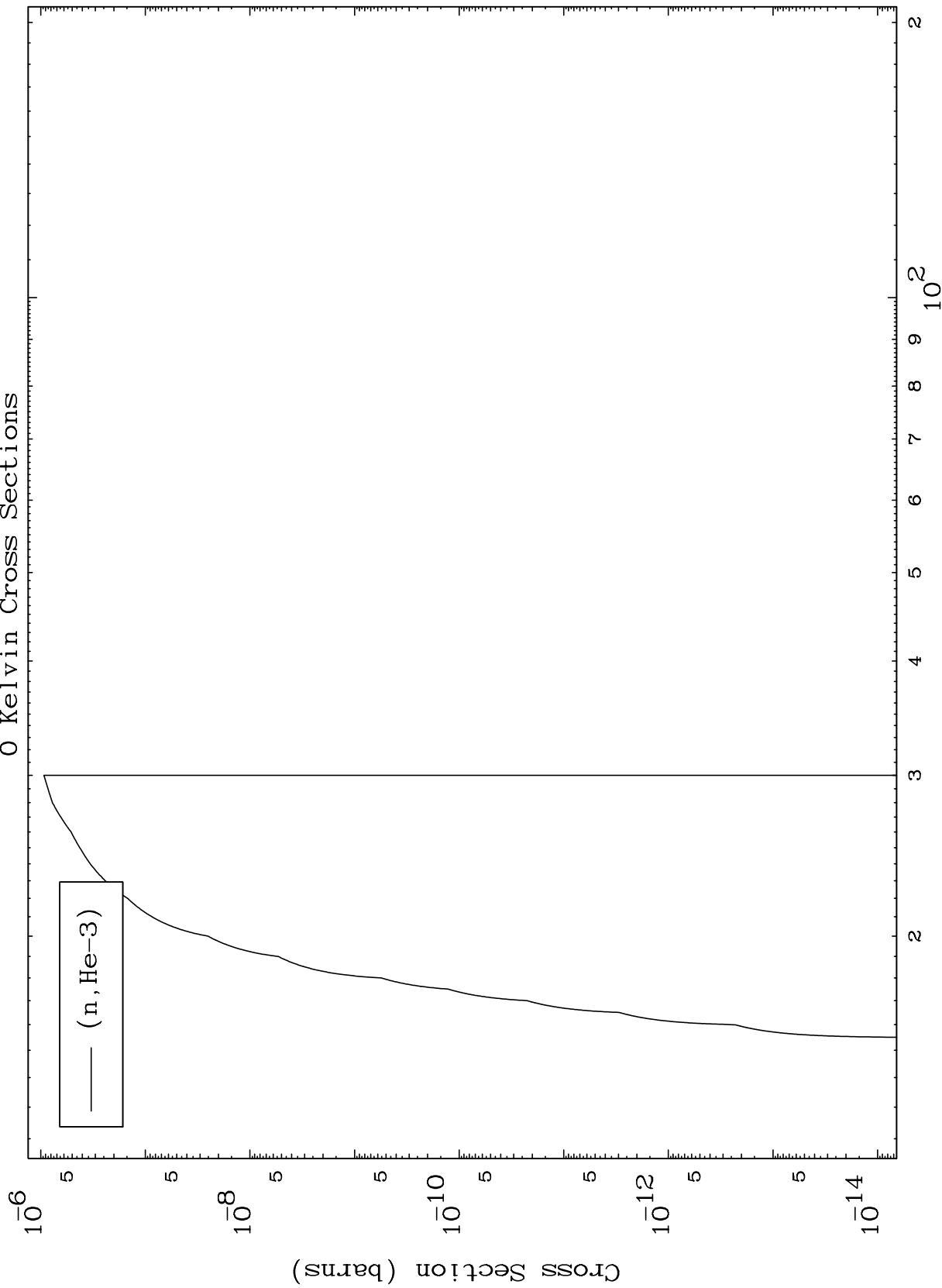
40-Zr-80



MAT 3995

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

40-Zr-80



8

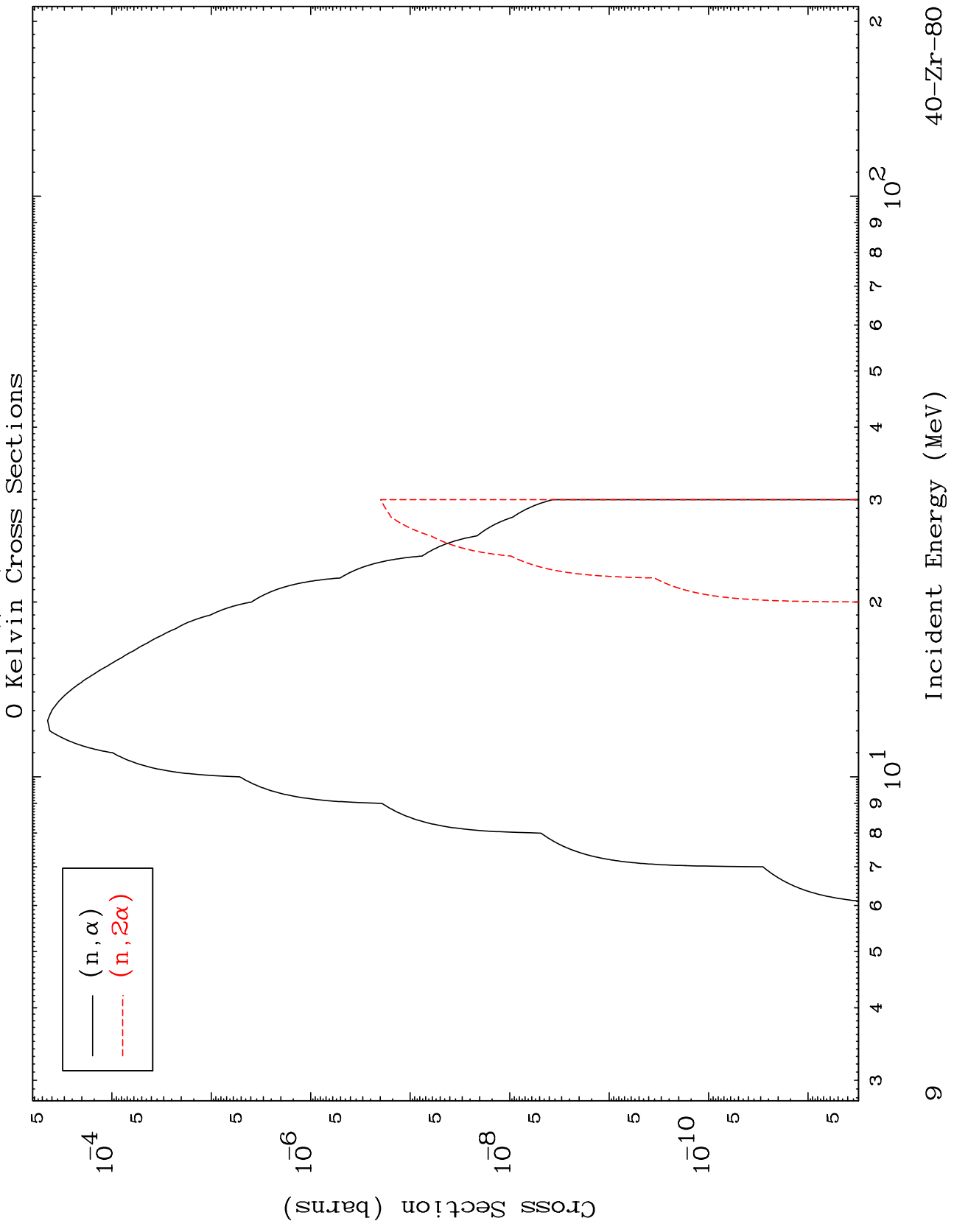
Incident Energy (MeV)

40-Zr-80

MAT 3995

( $\gamma, \alpha$ ) Levels

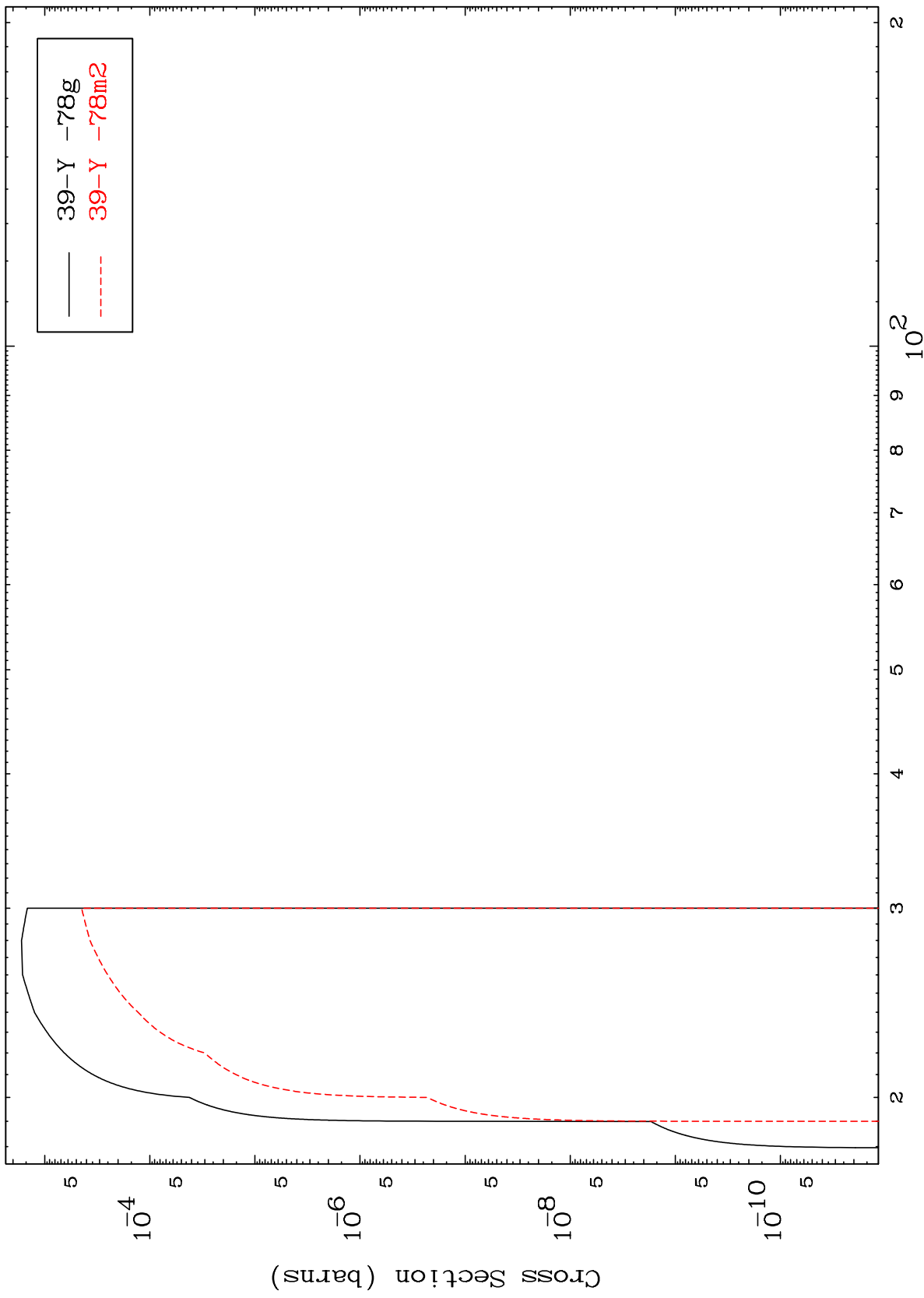
40-Zr-80



MAT 3995

40-Zr-80

$(n, n')$  p  
Radionuclide Production Cross Section



40-Zr-80

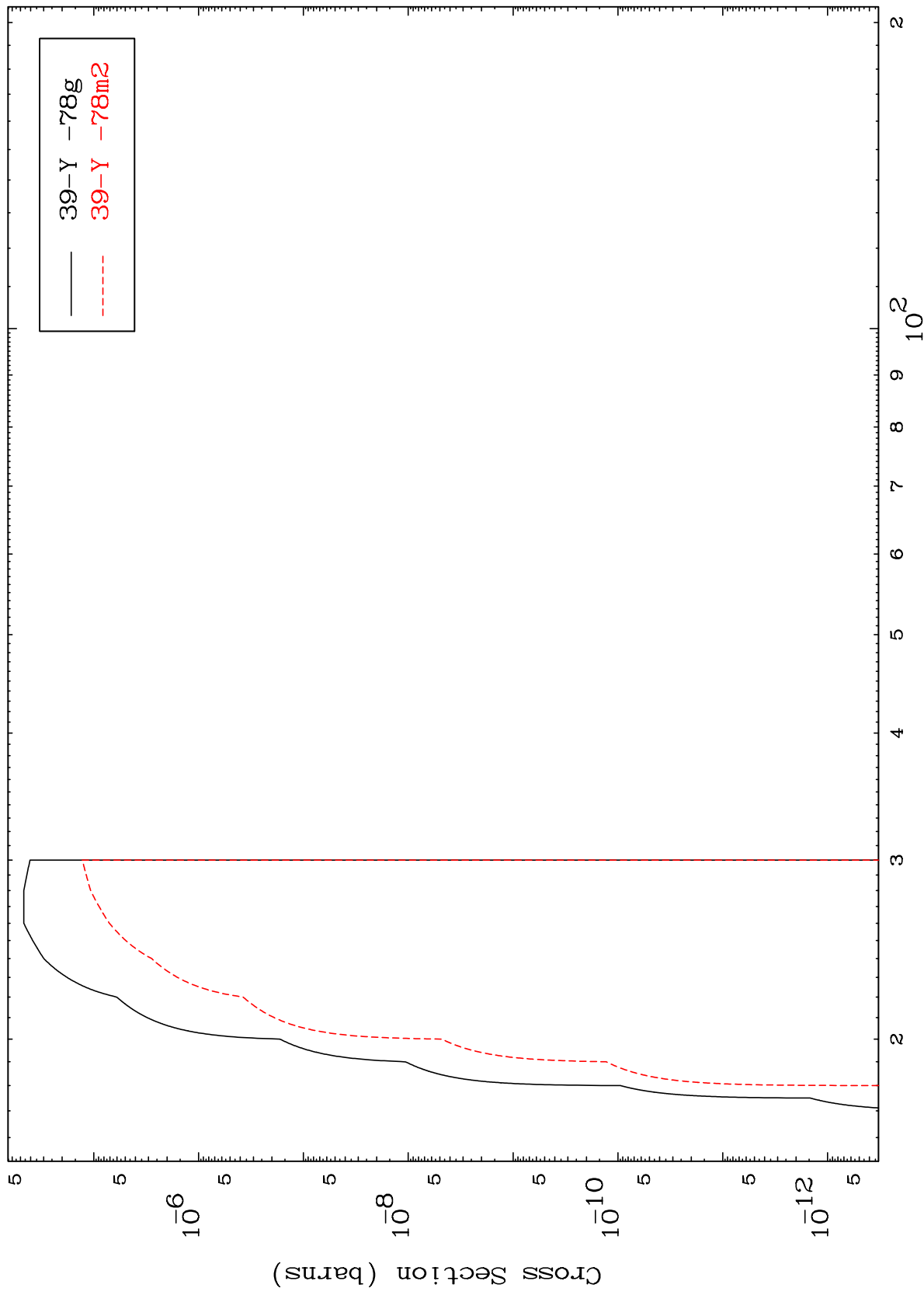
Incident Energy (MeV)

10

MAT 3995

40-Zr-80

(n,d)  
Radionuclide Production Cross Section



11

Incident Energy (MeV)

40-Zr-80