

Program EVALPLOT  
(Version 2021-1)

by

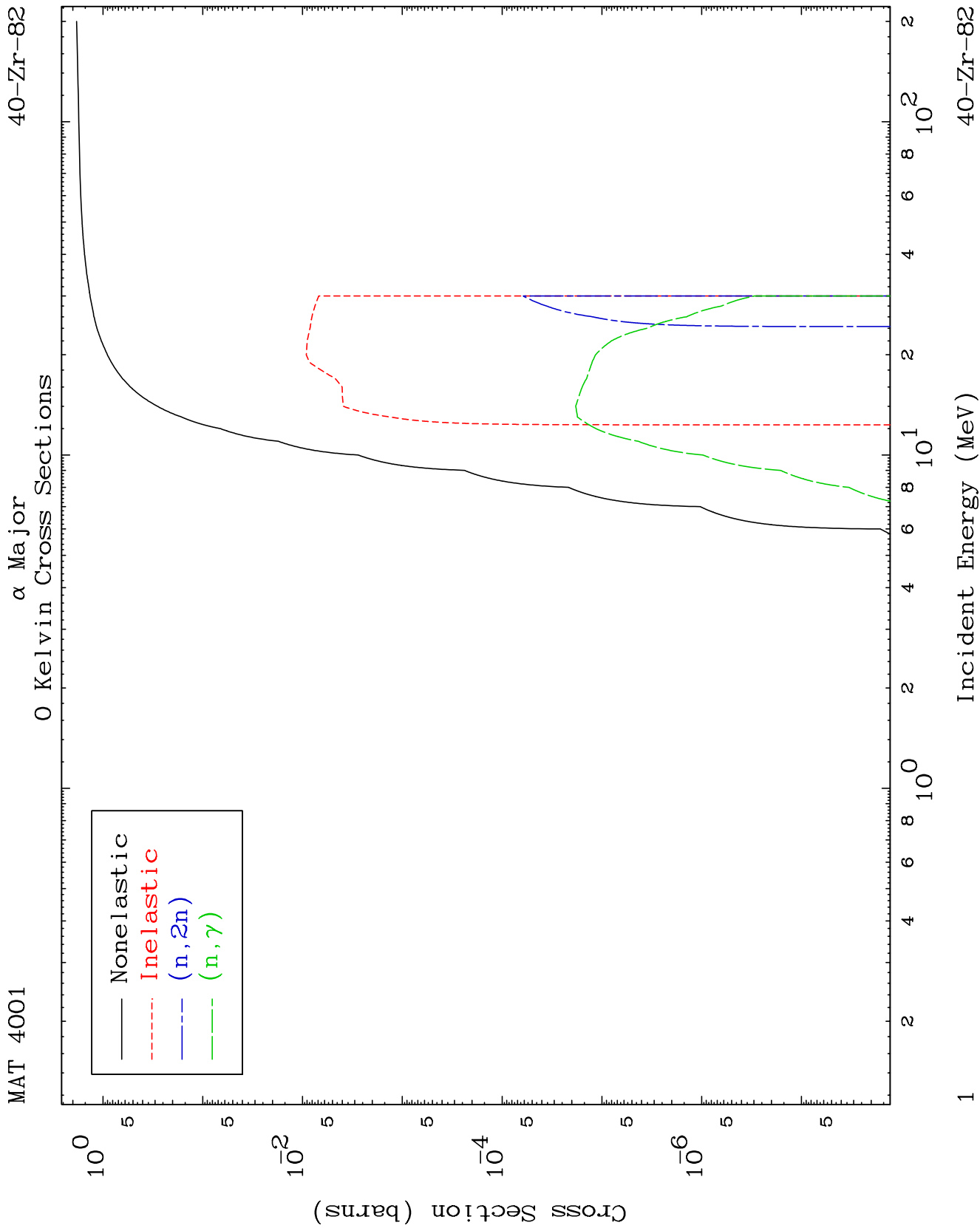
Dermott E. Cullen  
(Present Contact Information)

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)

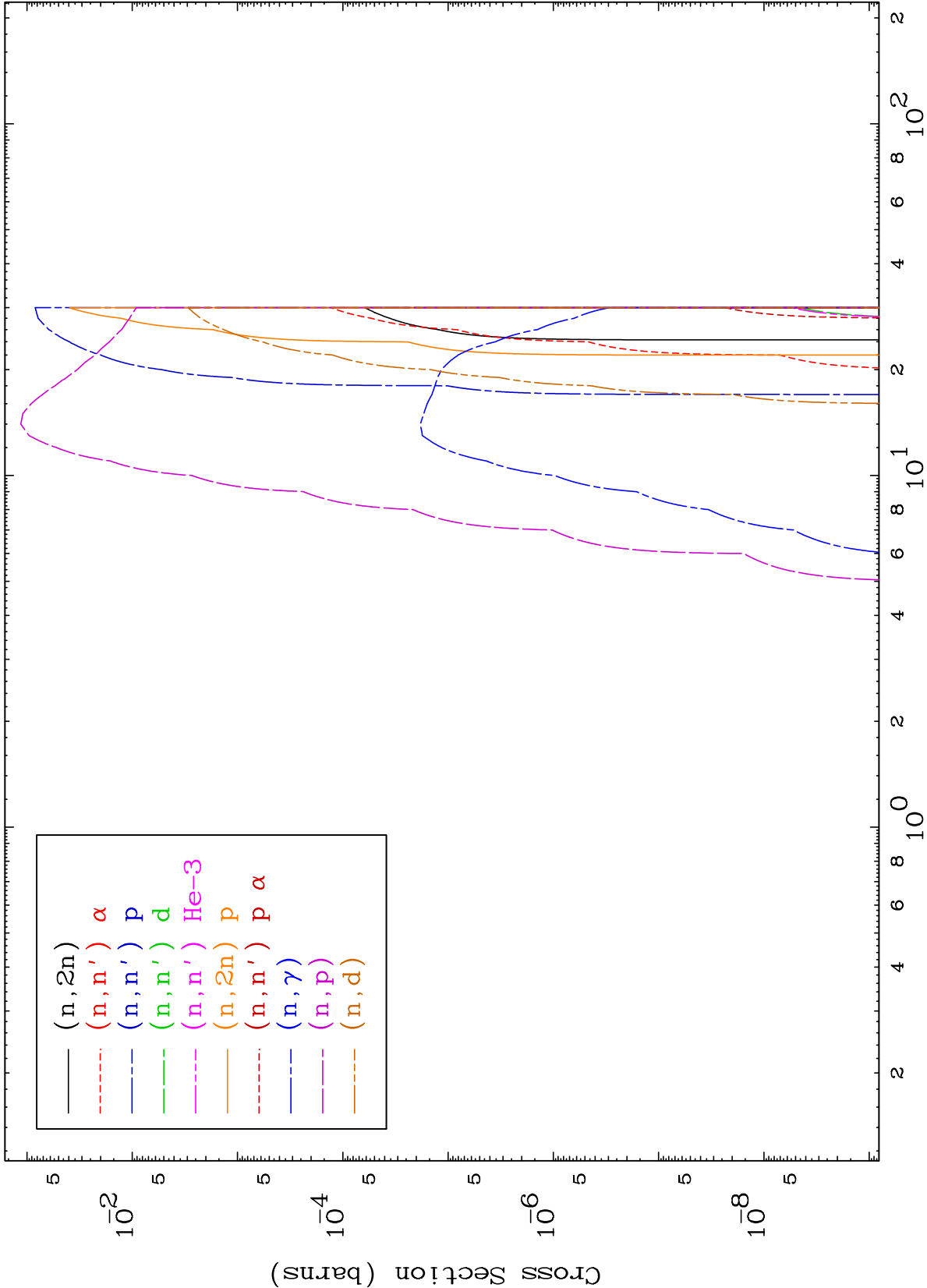
Press Mouse Button to Start



MAT 4001

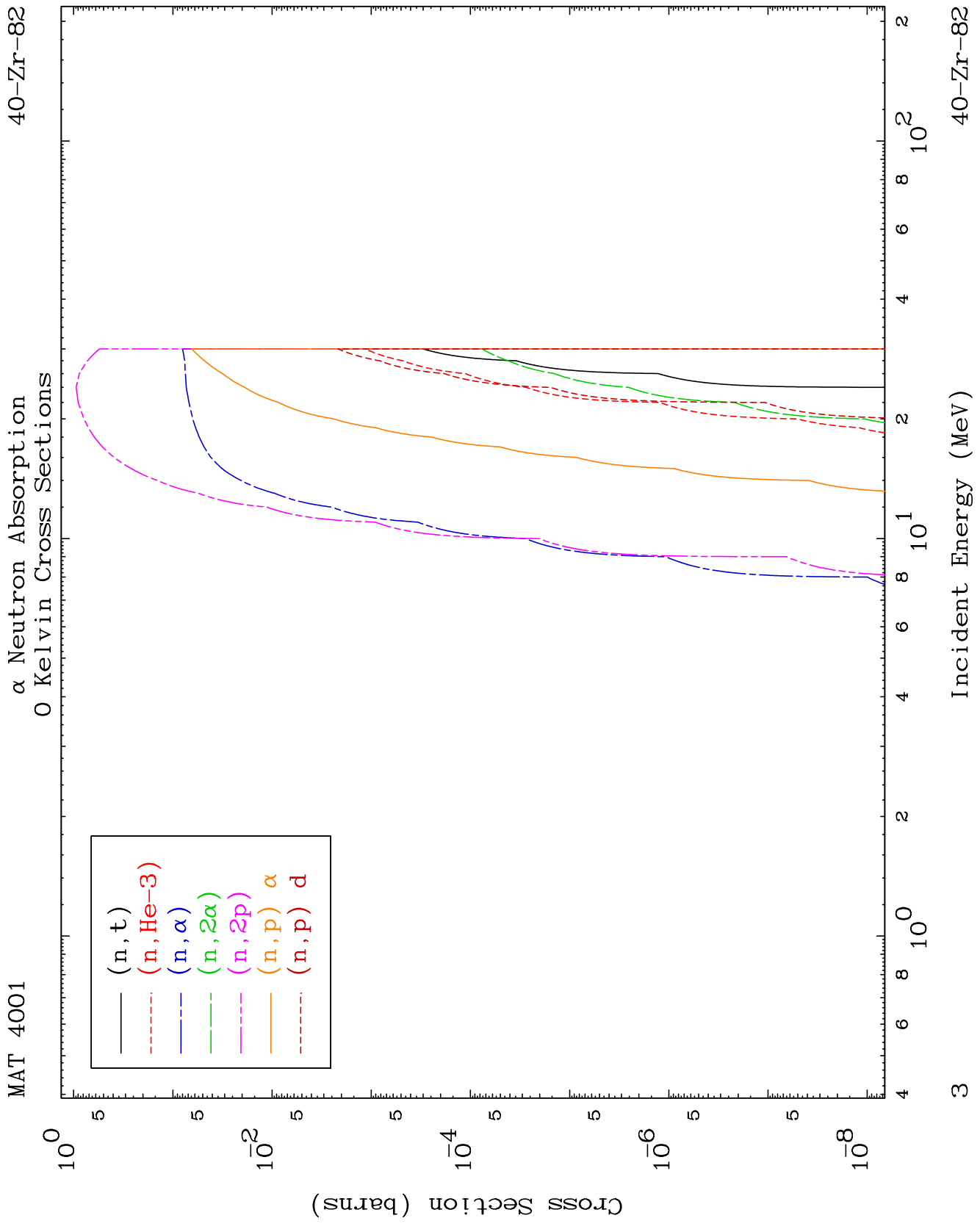
$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

40-Zr-82

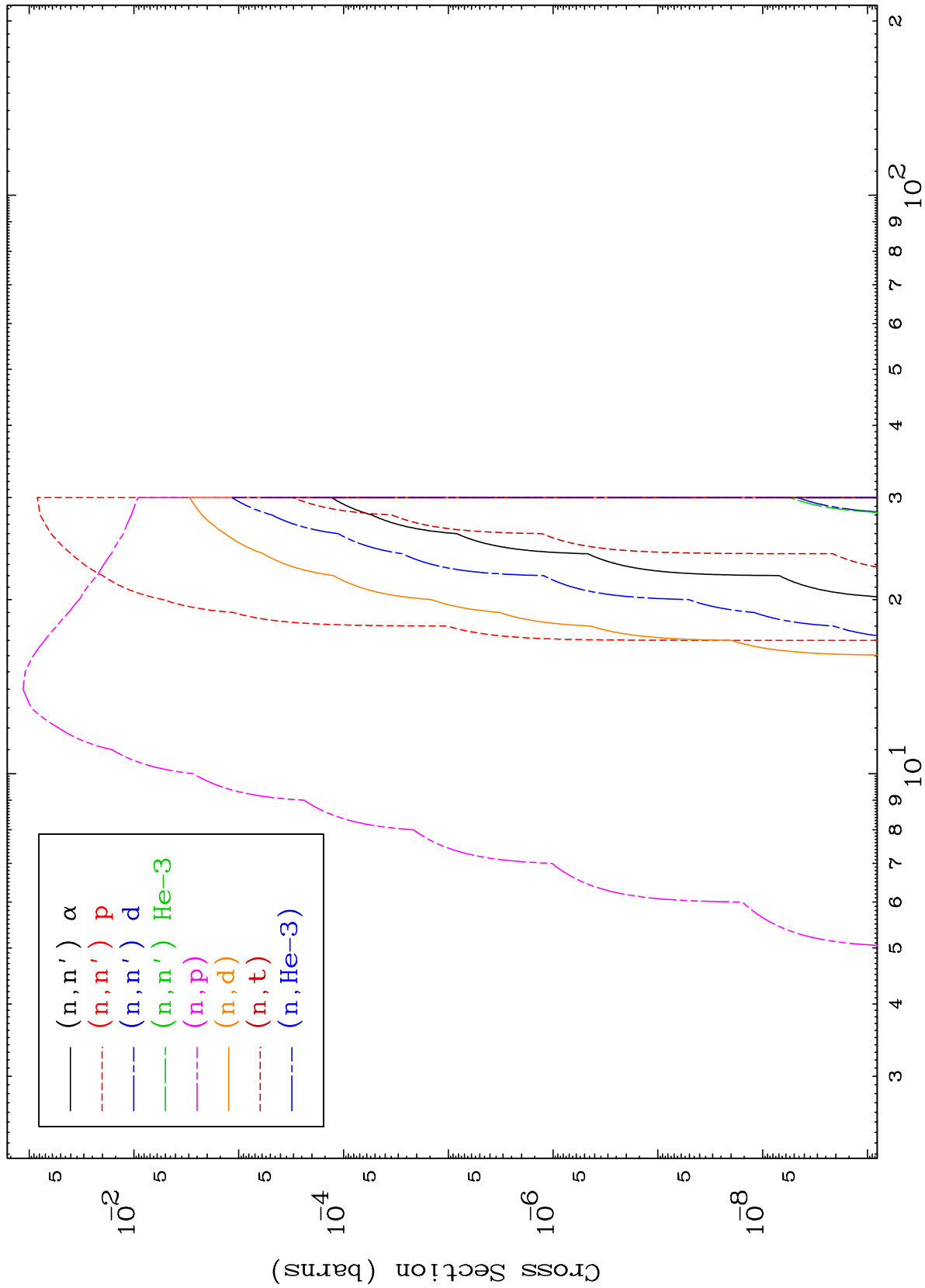


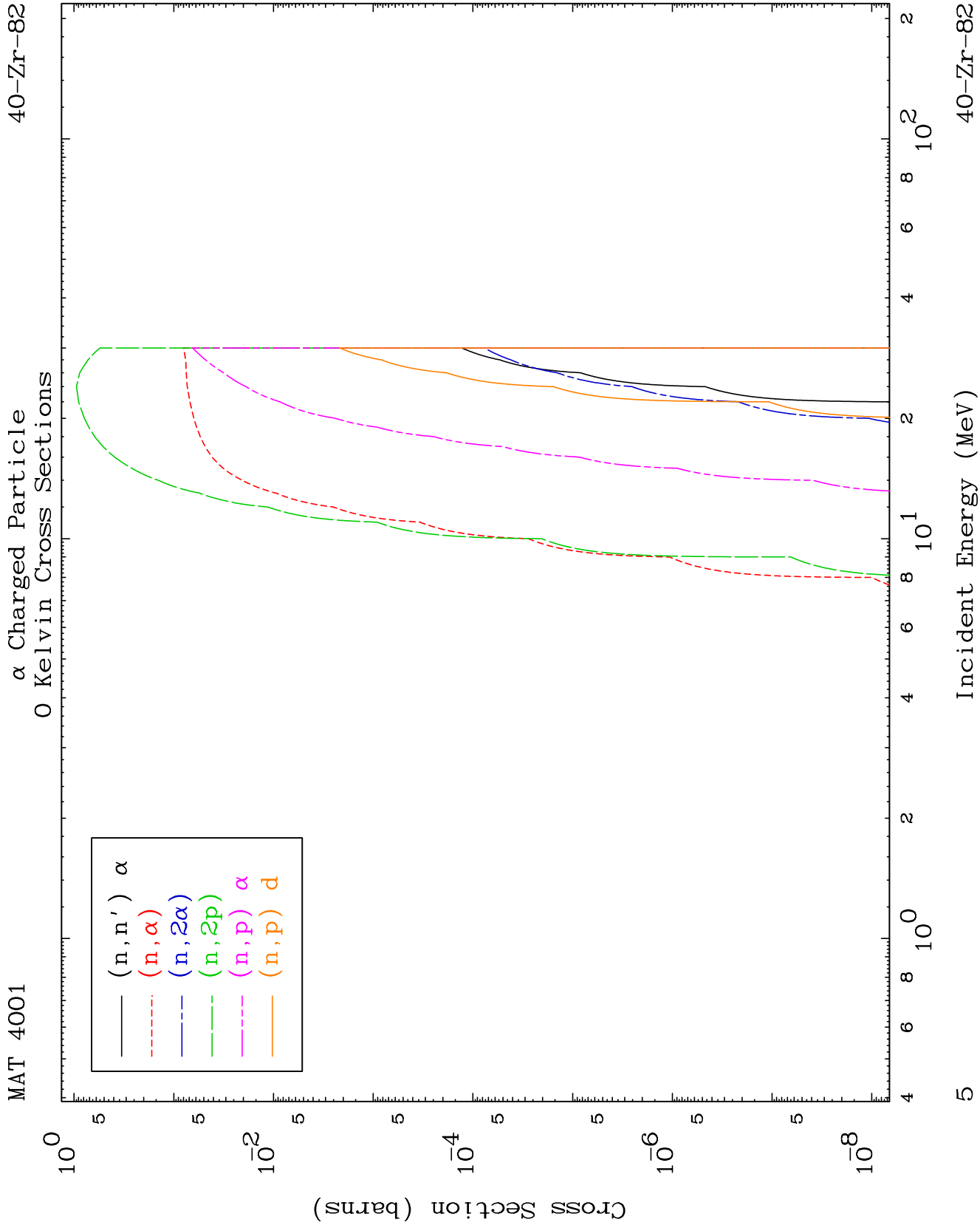
Incident Energy (MeV)

40-Zr-82



$\alpha$  Charged Particle  
0 Kelvin Cross Sections

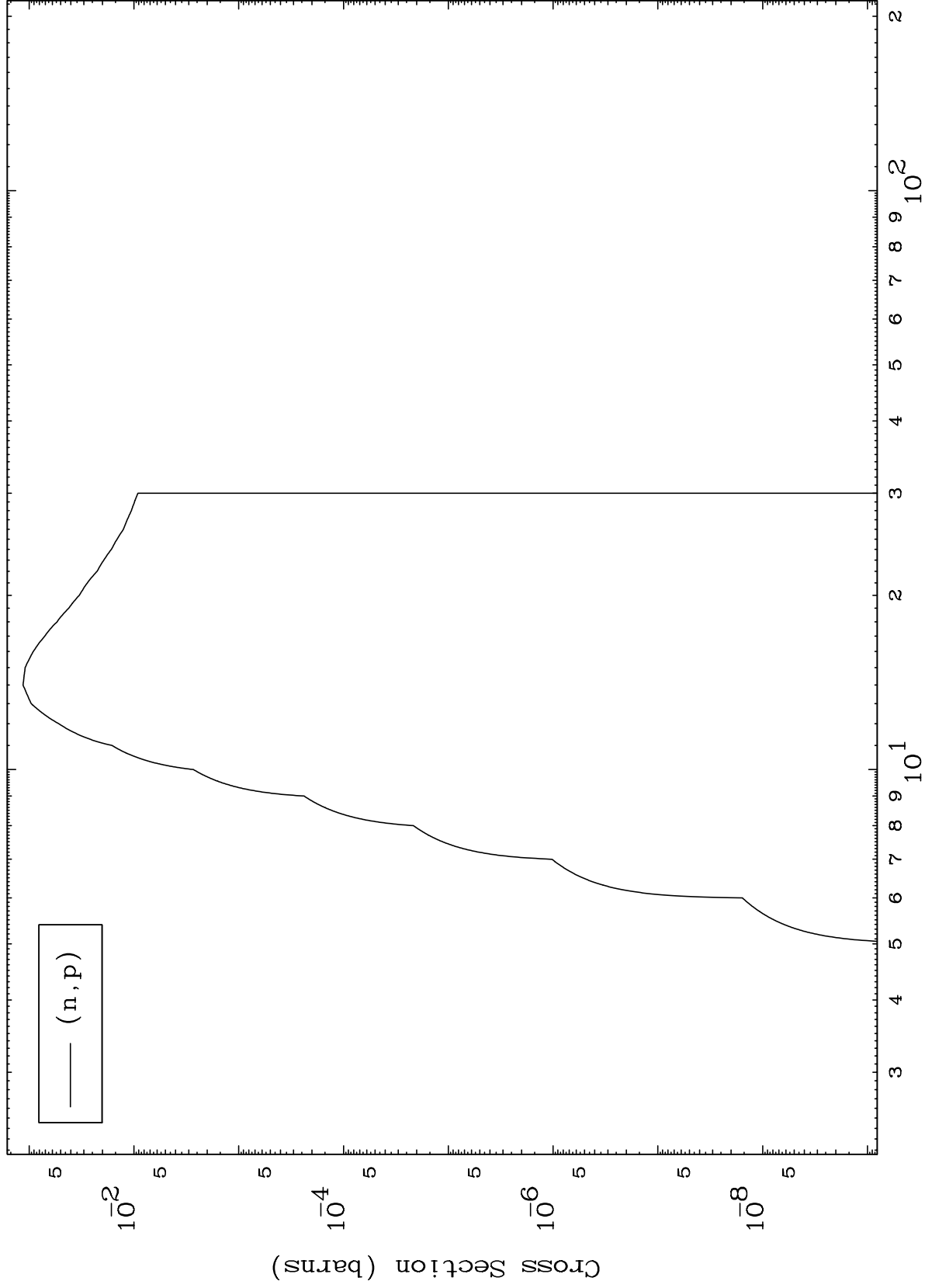




MAT 4001

40-Zr-82

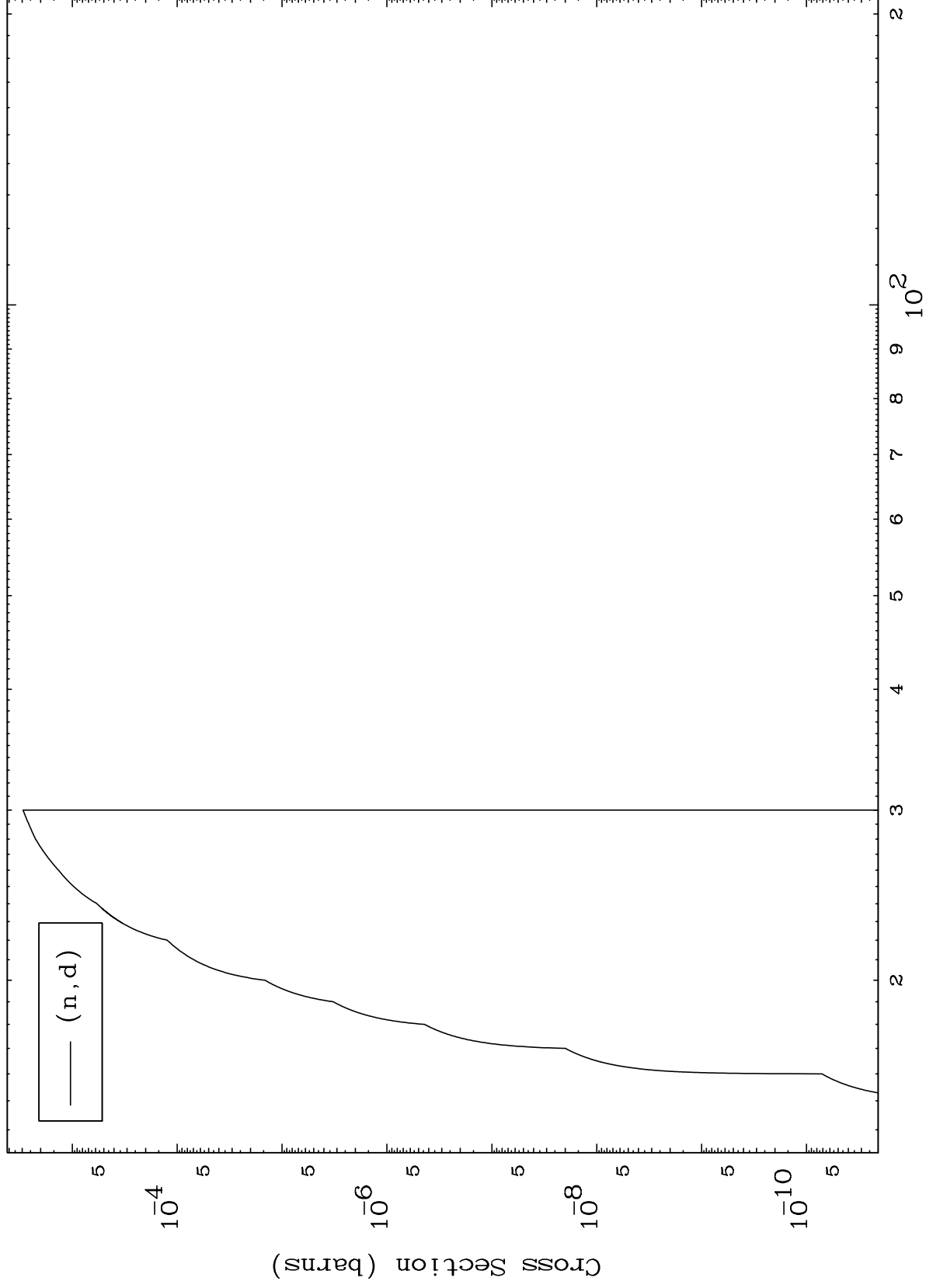
( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections



MAT 4001

40-Zr-82

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



40-Zr-82

Incident Energy (MeV)

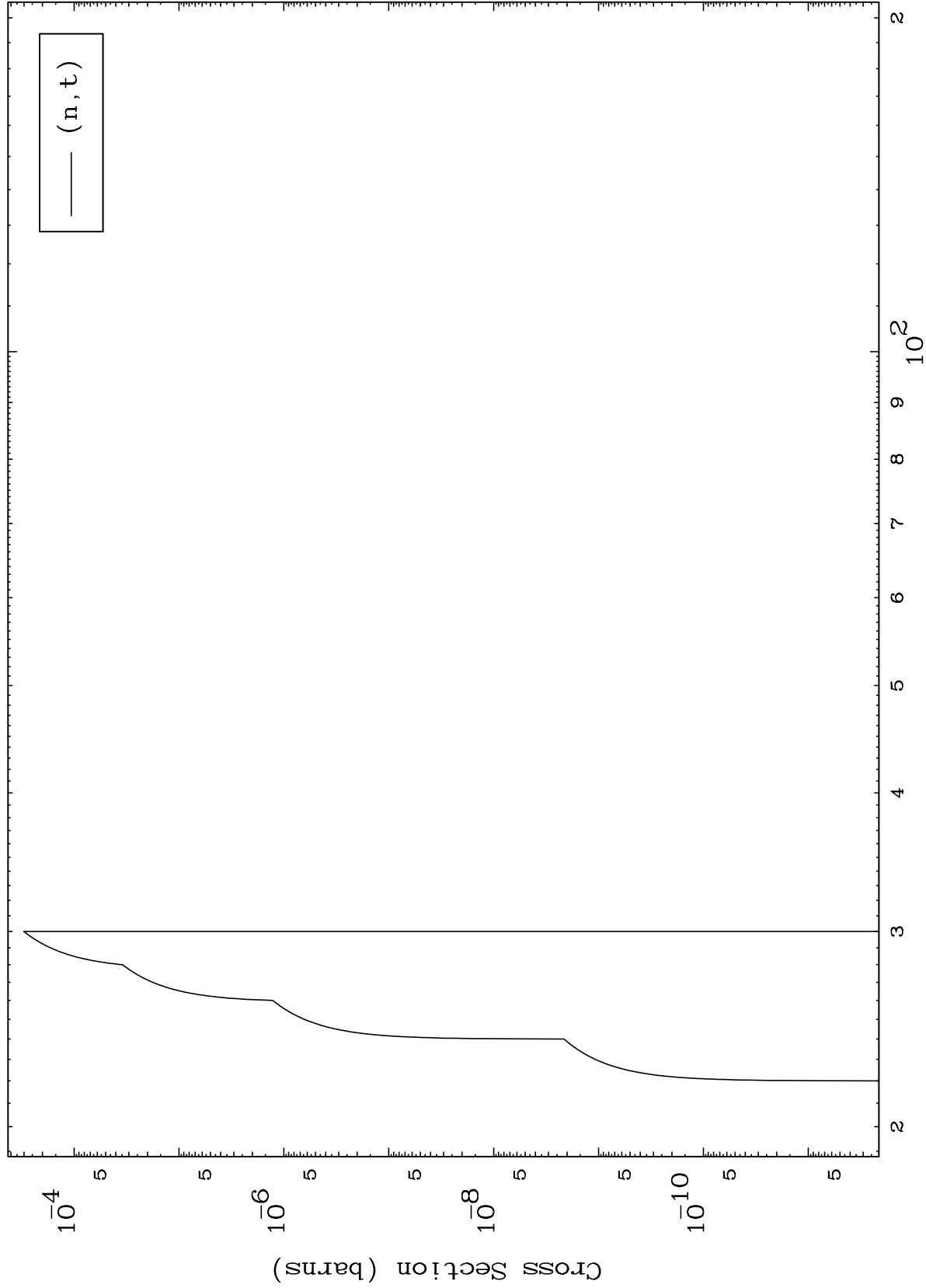
7



MAT 4001

40-Zr-82

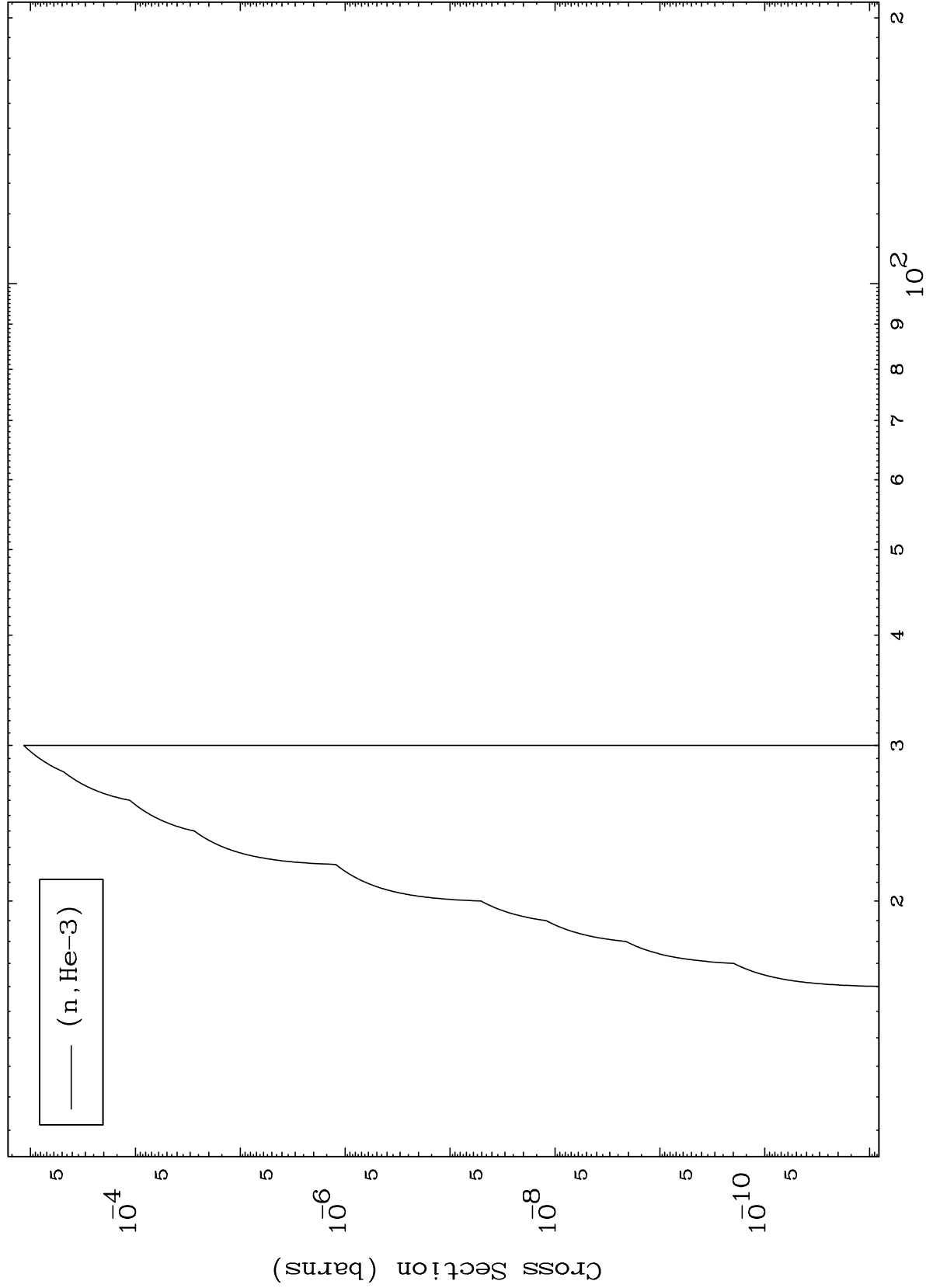
( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

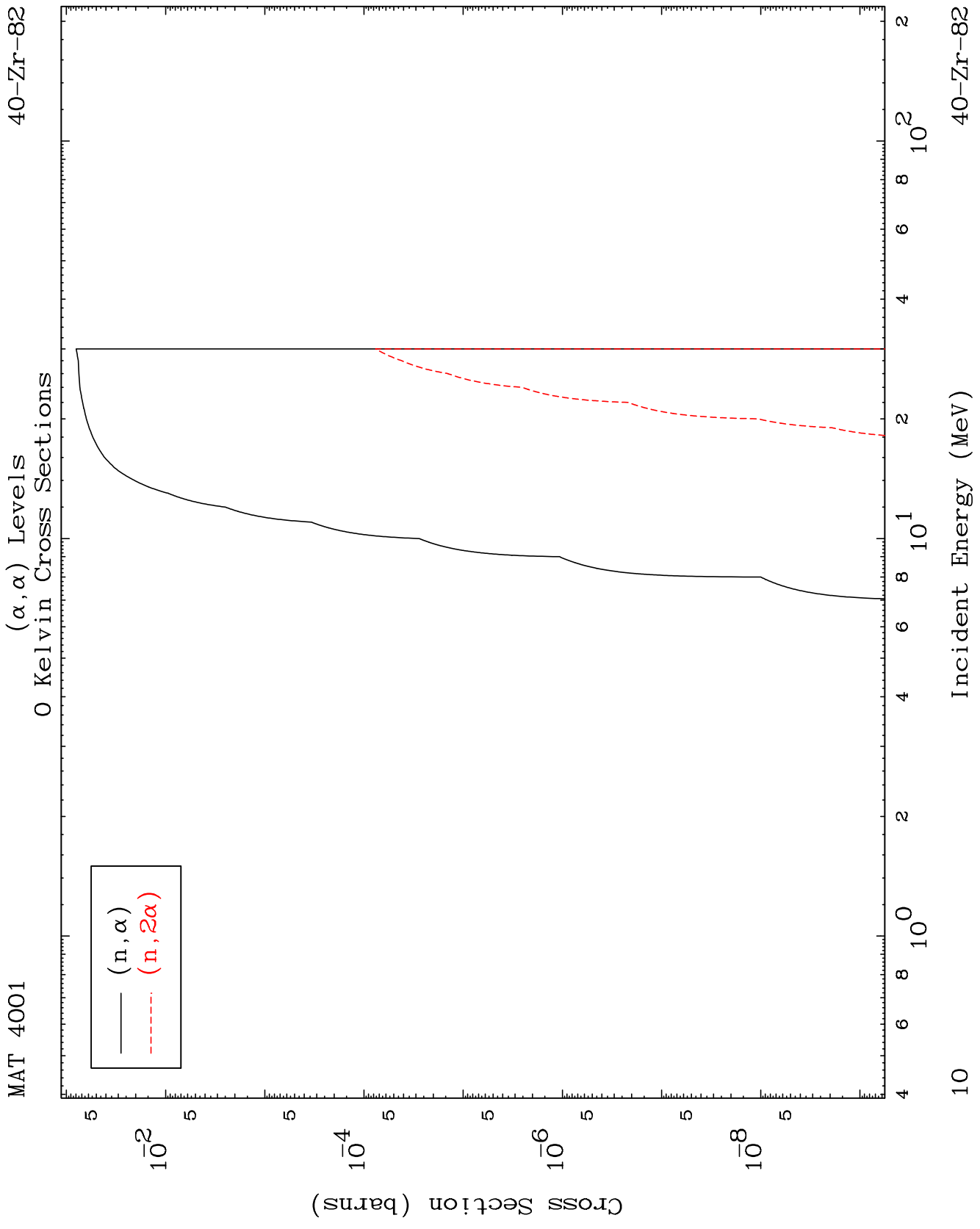


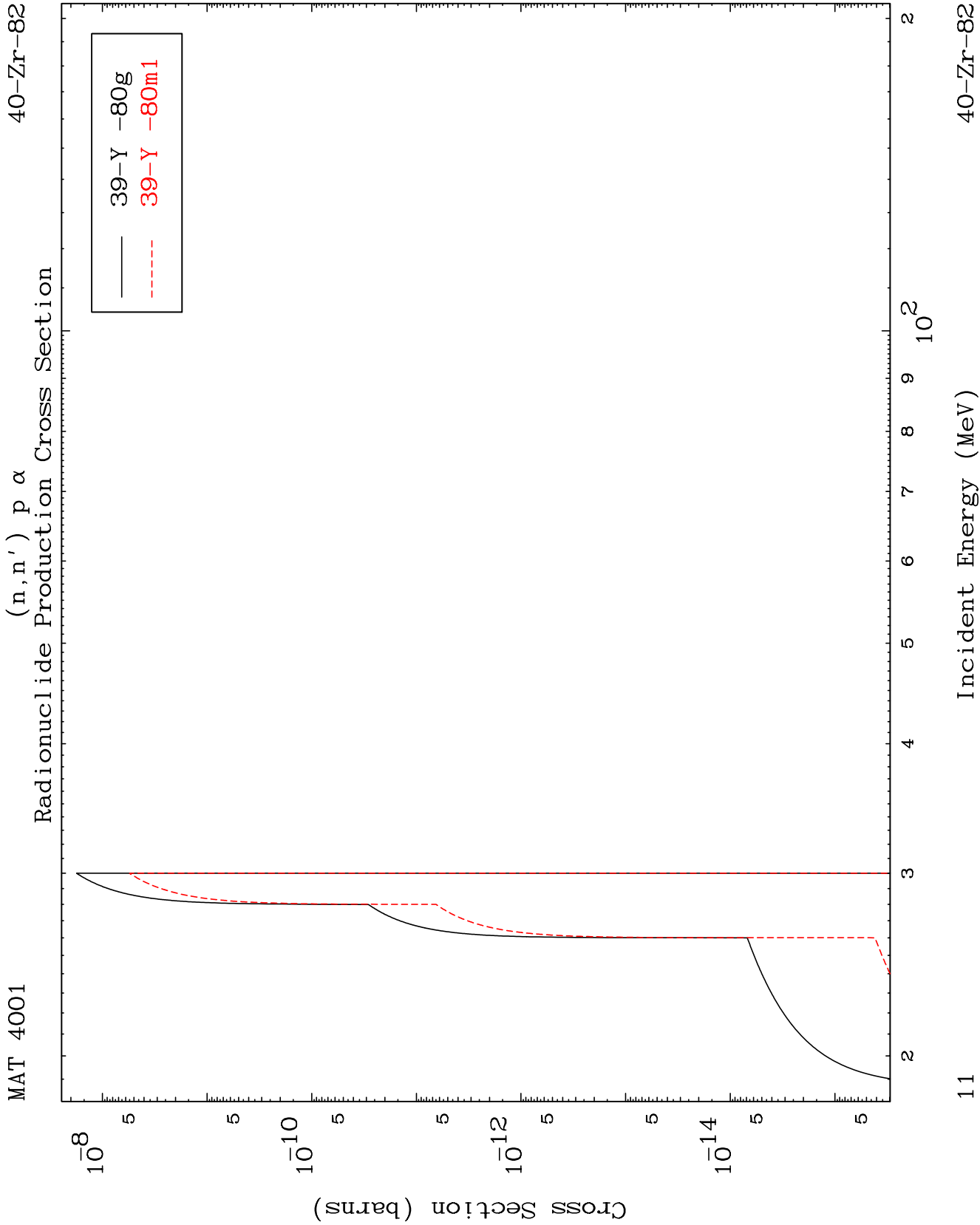
8

40-Zr-82

( $\alpha$ ,He3) Levels  
0 Kelvin Cross Sections



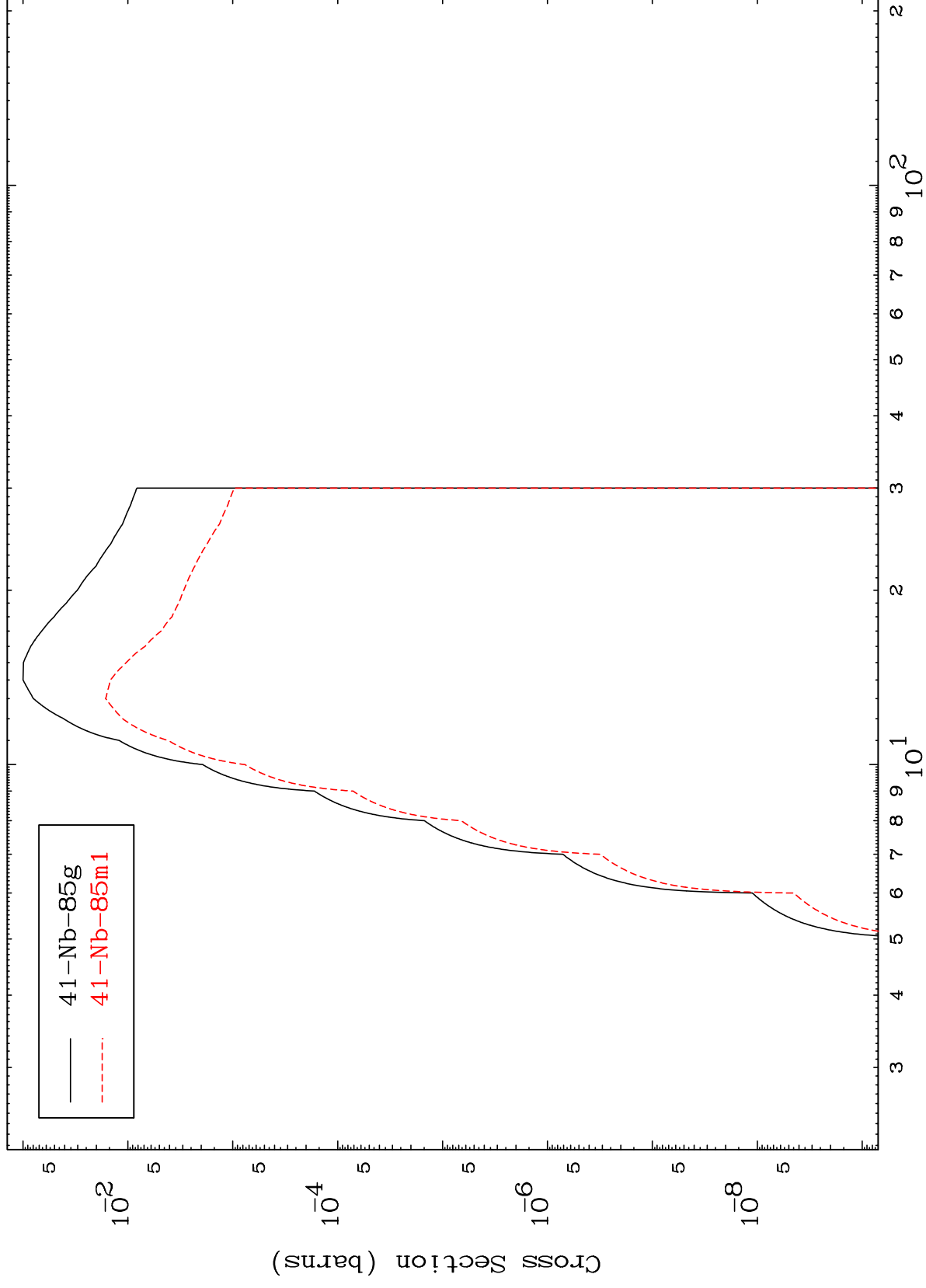




MAT 4001

40-Zr-82

Radionuclide Production Cross Section  
(n,p)



12

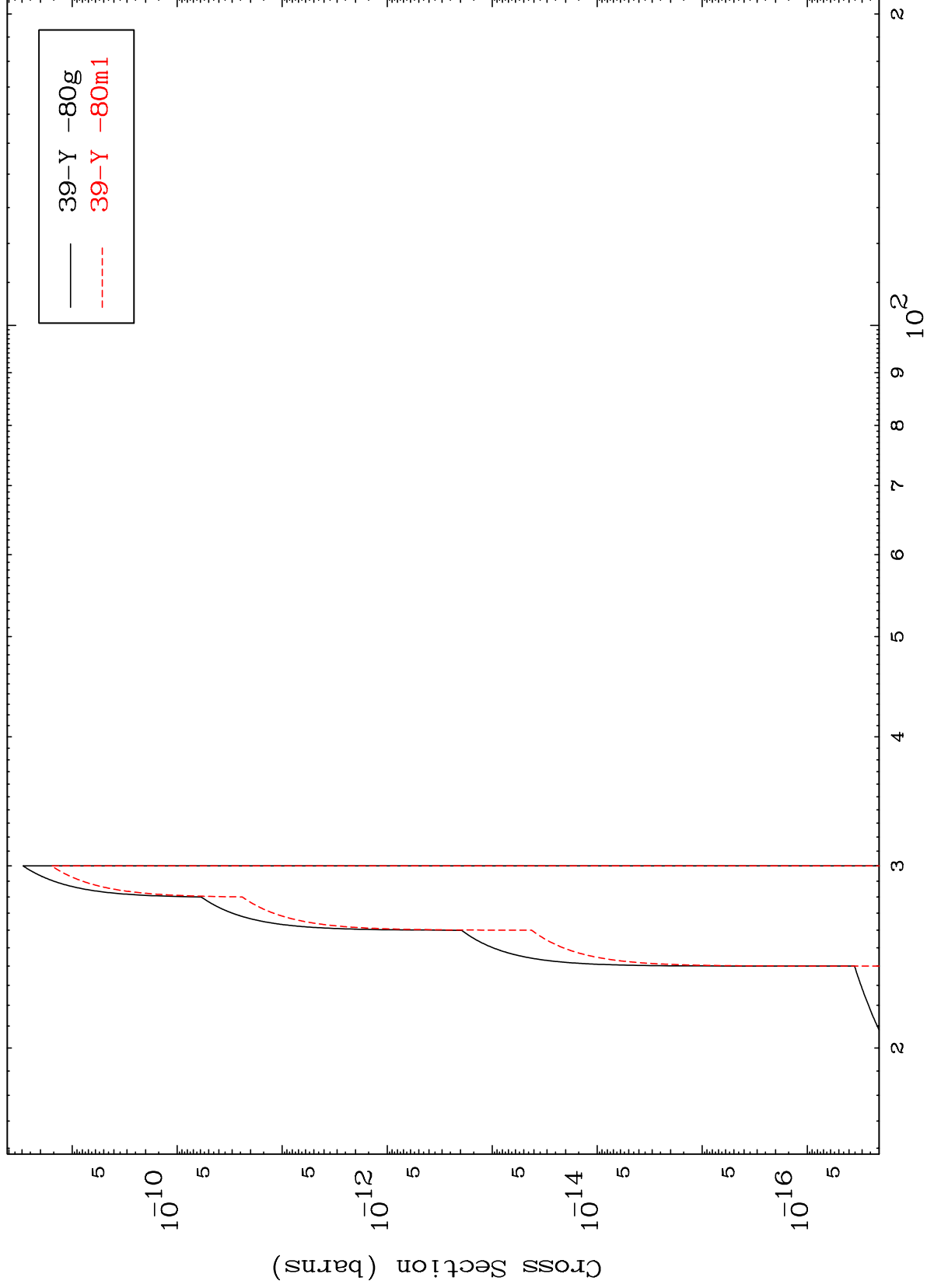
Incident Energy (MeV)

40-Zr-82

MAT 4001

40-Zr-82

(n,d)  $\alpha$   
Radionuclide Production Cross Section



13

Incident Energy (MeV)

40-Zr-82