

Program EVALPLOT  
(Version 2017-1)

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

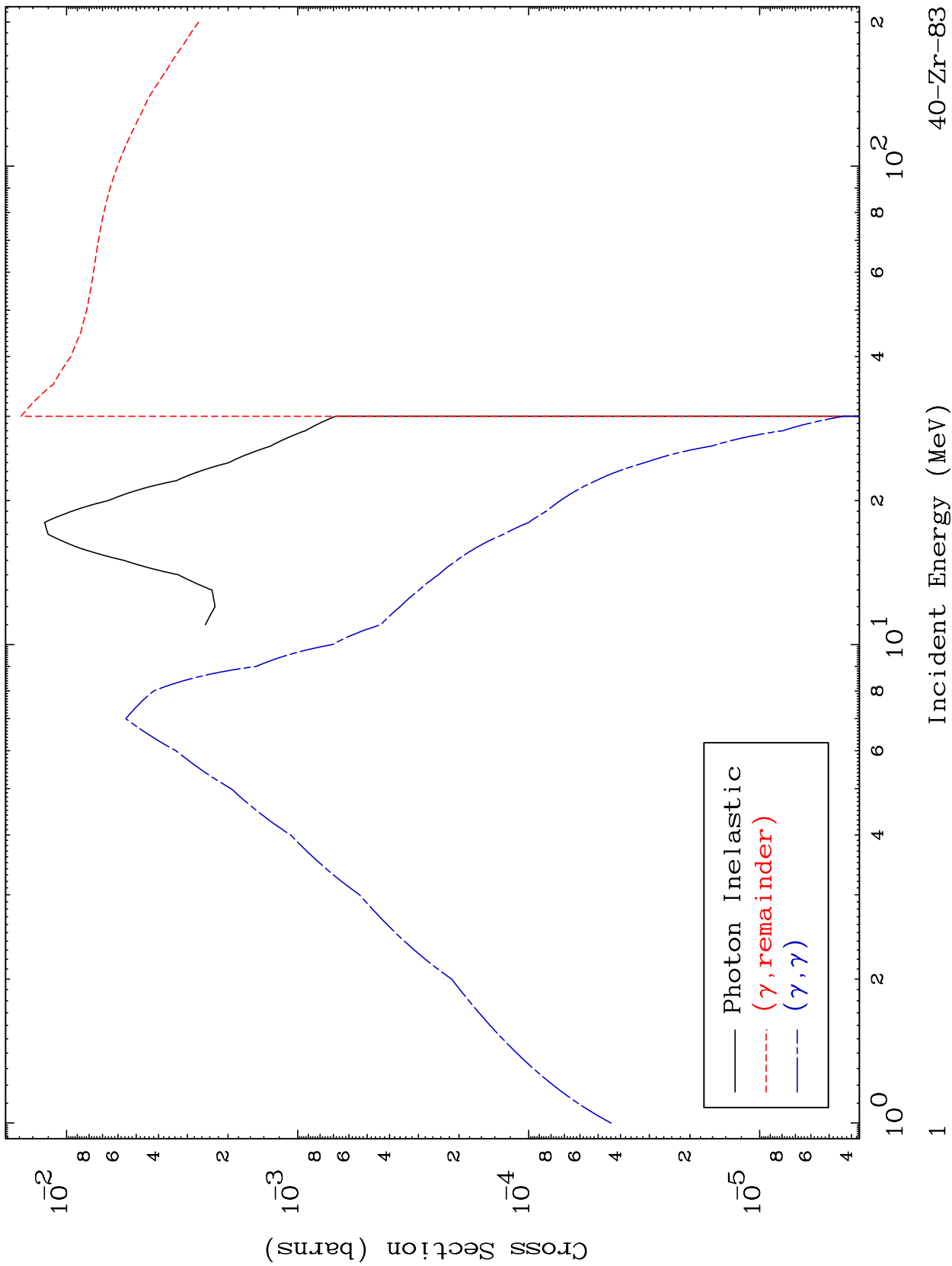
Press Mouse Button to Start

MAT 4004

Photon Major

40-Zr-83

0 Kelvin Cross Sections



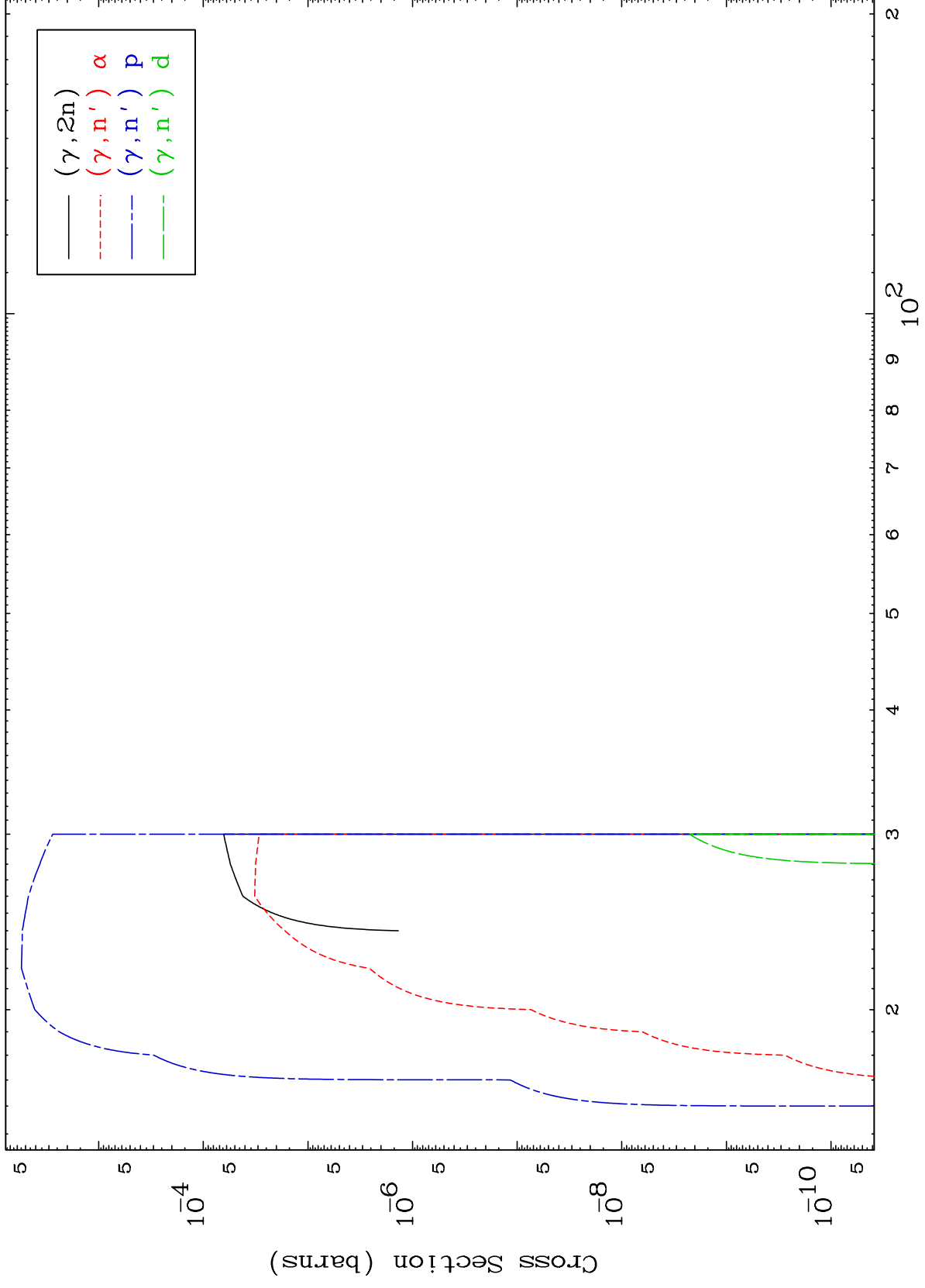
Incident Energy (MeV)

40-Zr-83

MAT 4004

Photon Neutron Production  
0 Kelvin Cross Sections

40-Zr-83



2

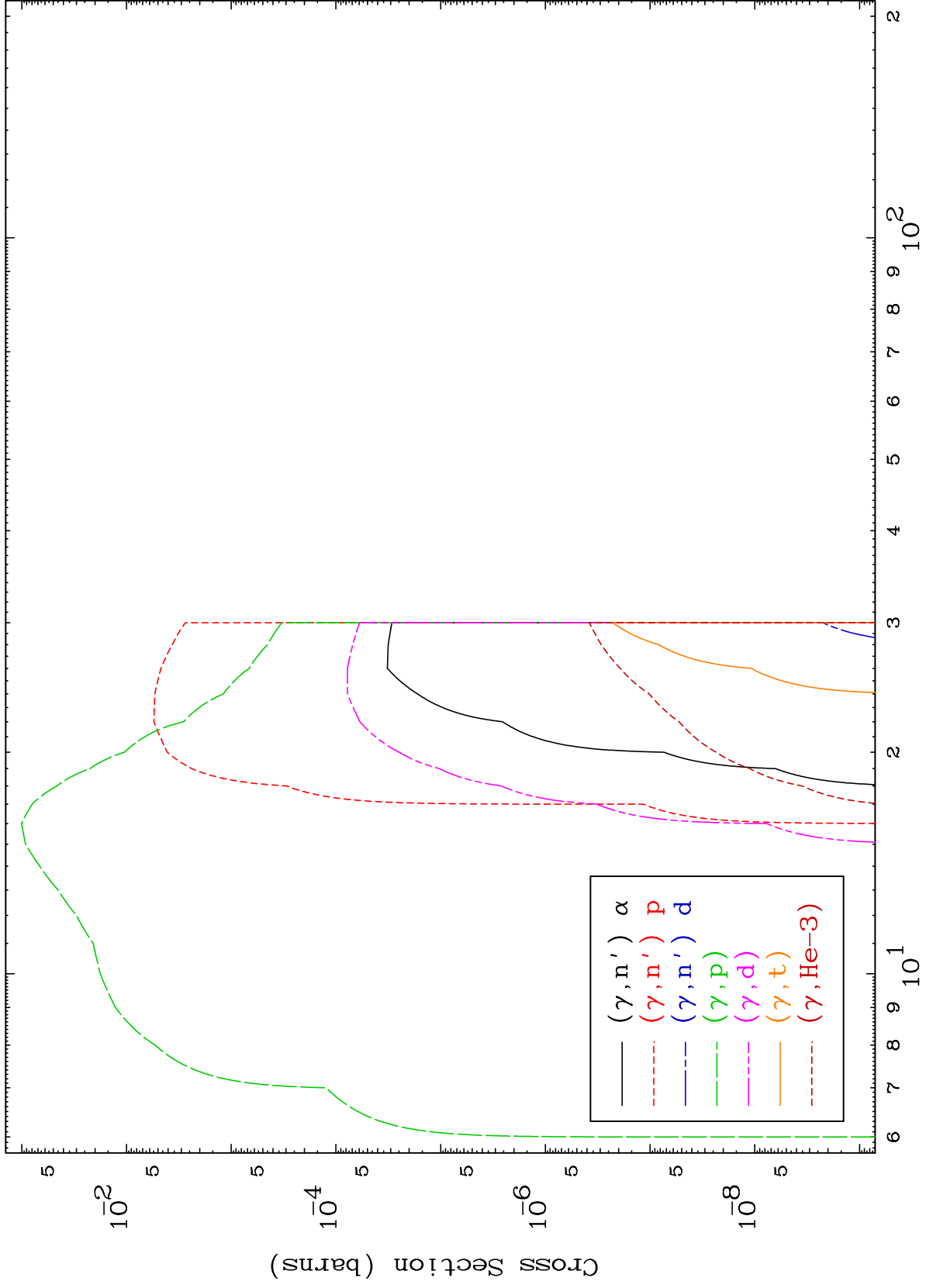
Incident Energy (MeV)

40-Zr-83

MAT 4004

Photon Charged Particle  
0 Kelvin Cross Sections

40-Zr-83



3

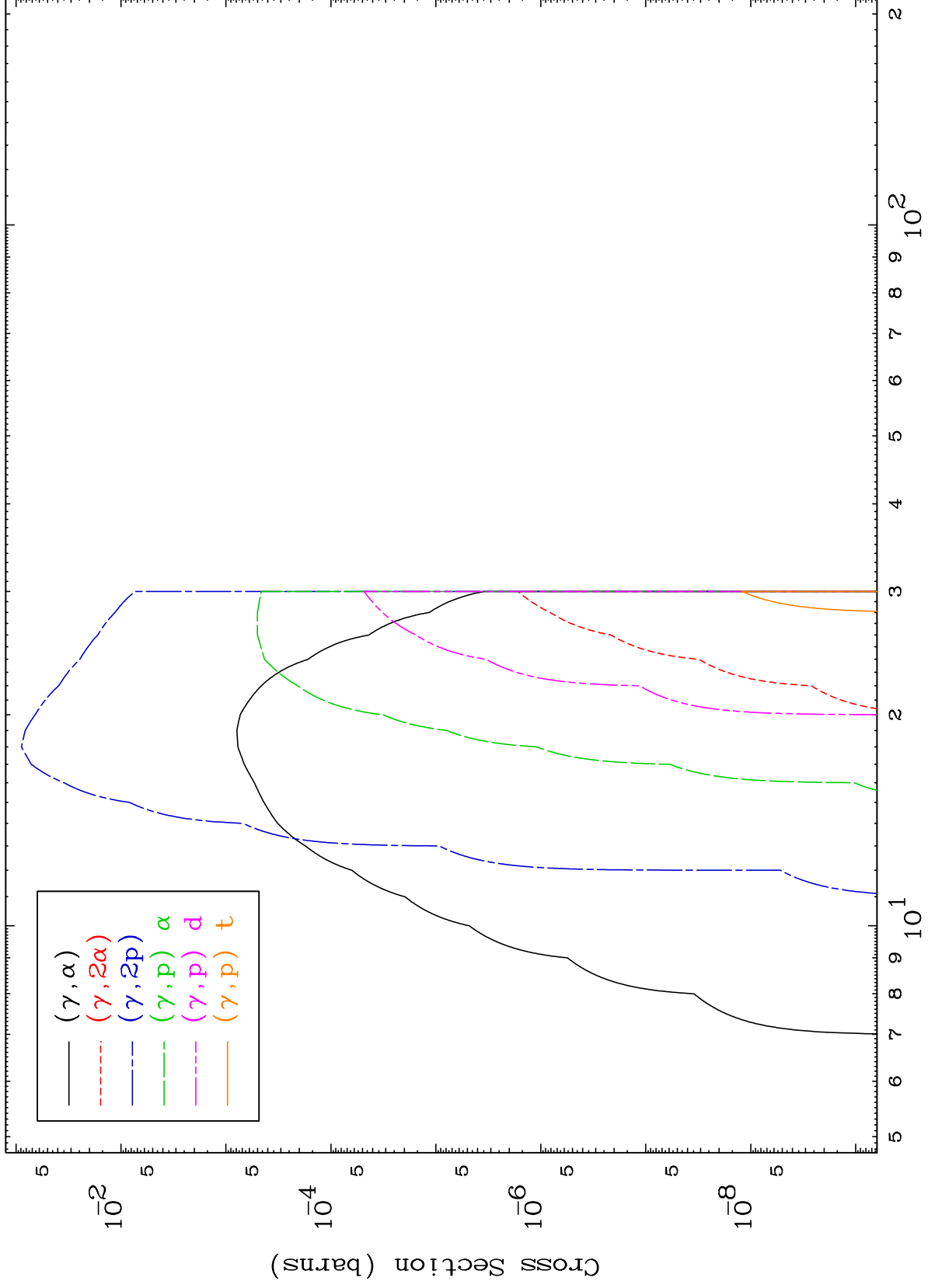
Incident Energy (MeV)

40-Zr-83

MAT 4004

Photon Charged Particle  
0 Kelvin Cross Sections

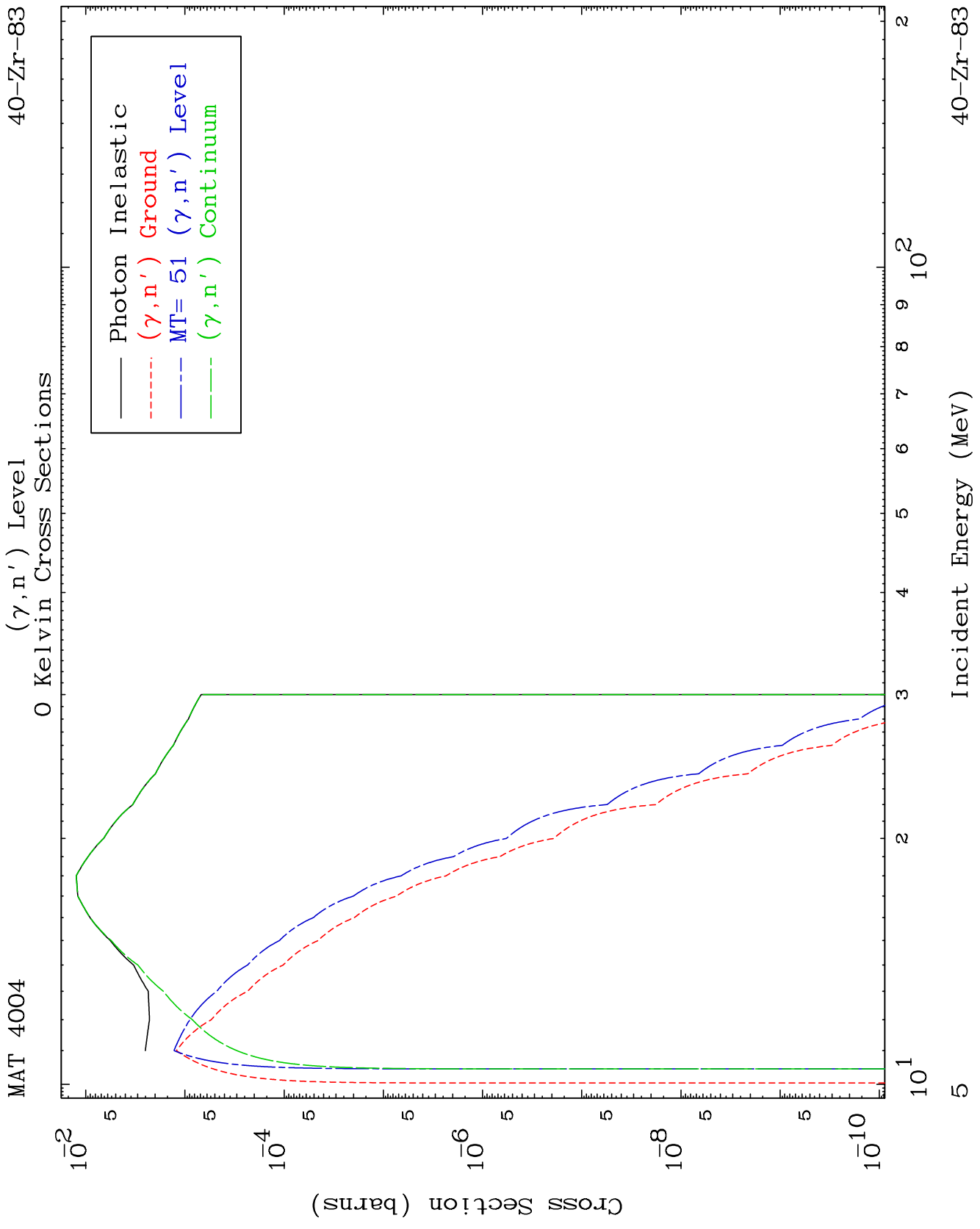
40-Zr-83



4

Incident Energy (MeV)

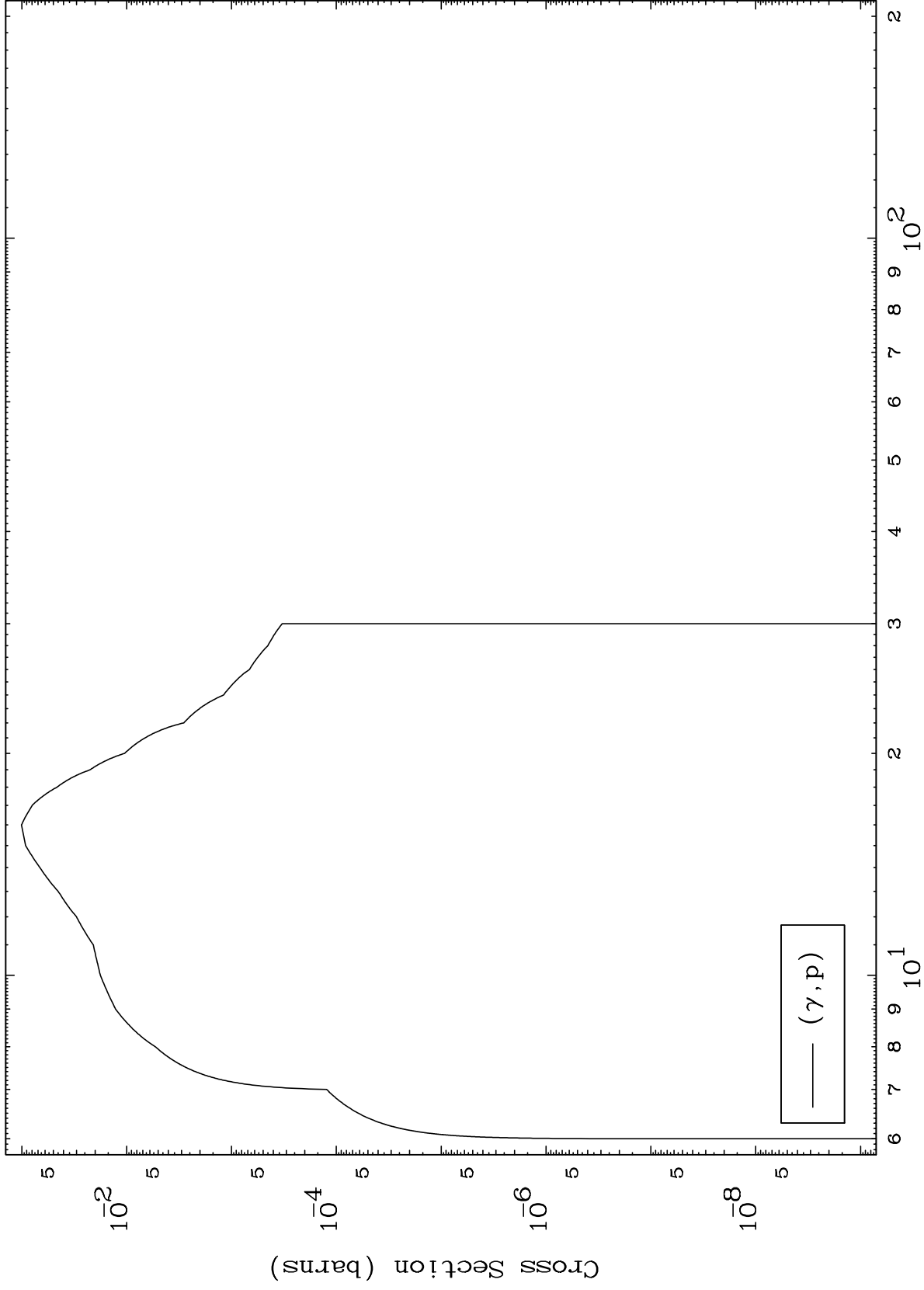
40-Zr-83



MAT 4004

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

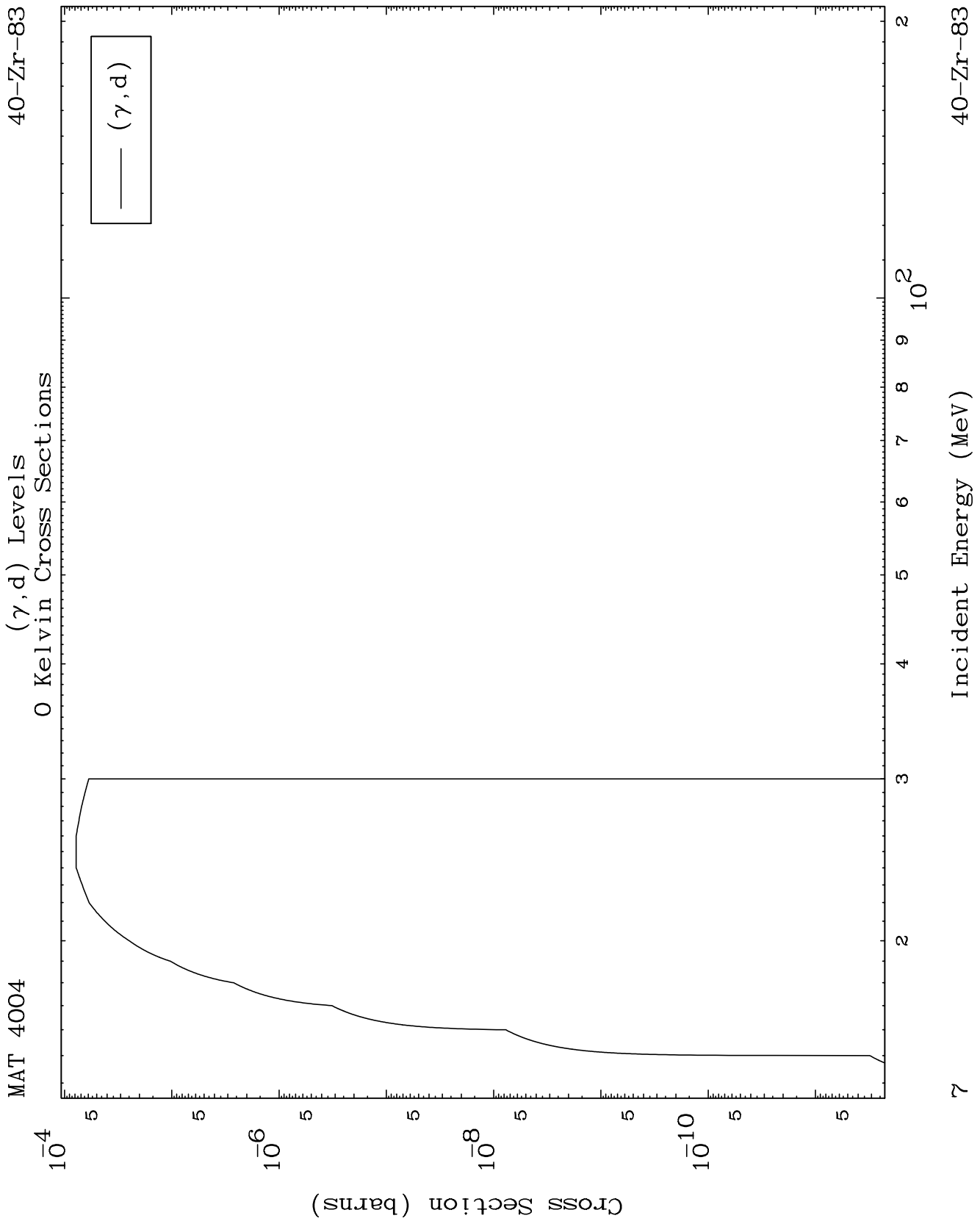
40-Zr-83



6

Incident Energy (MeV)

40-Zr-83

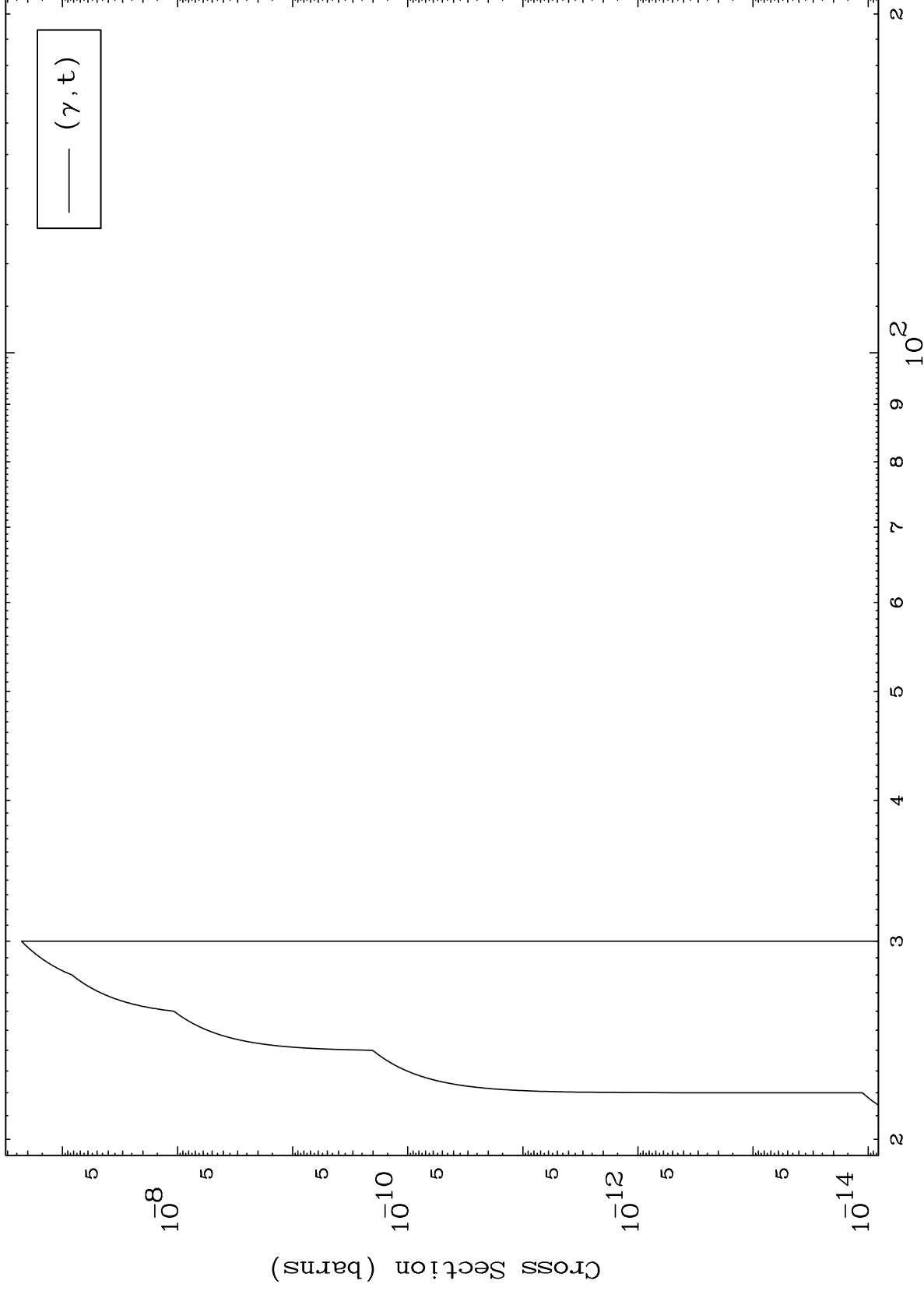




MAT 4004

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

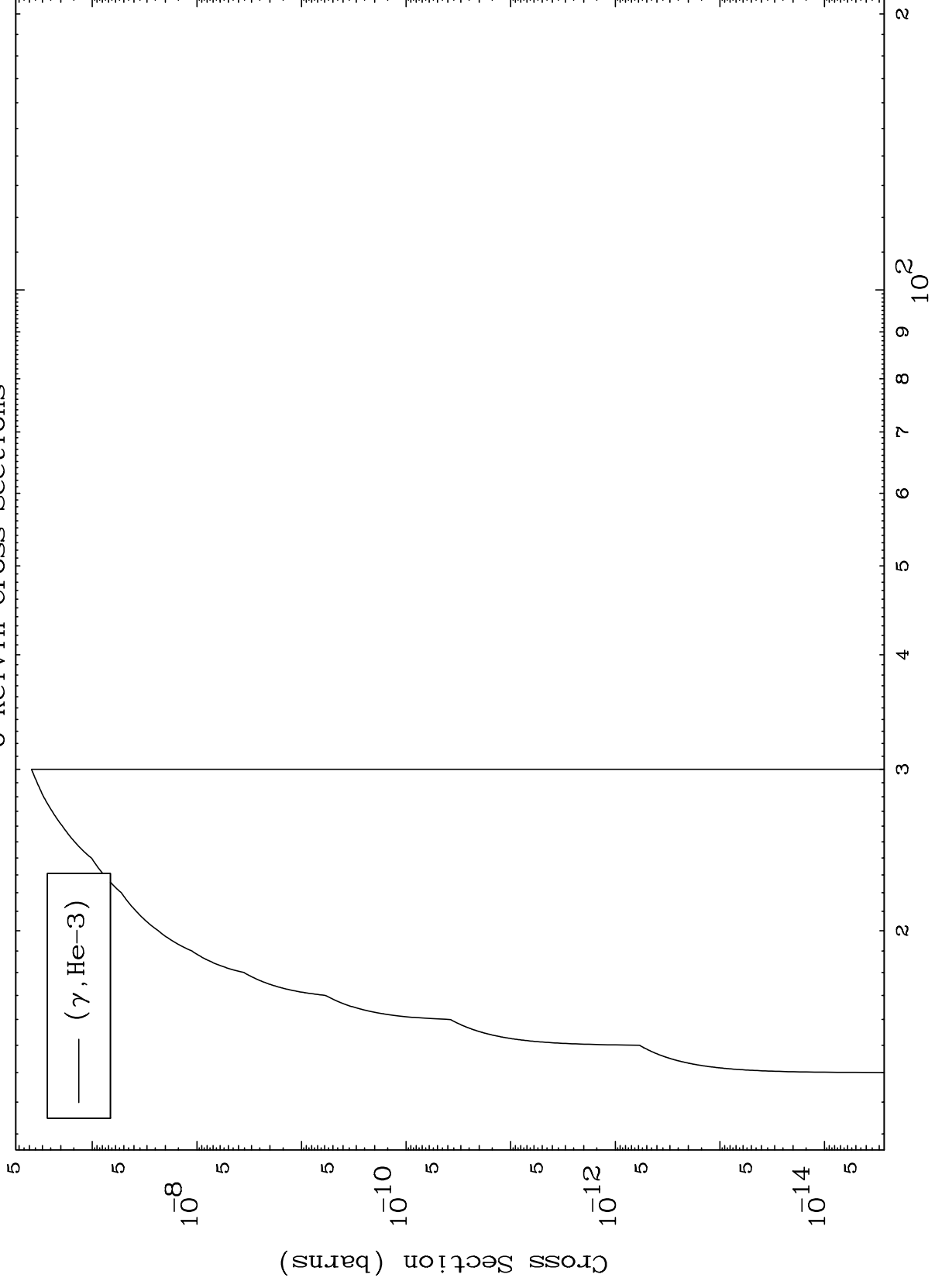
40-Zr-83



8

Incident Energy (MeV)

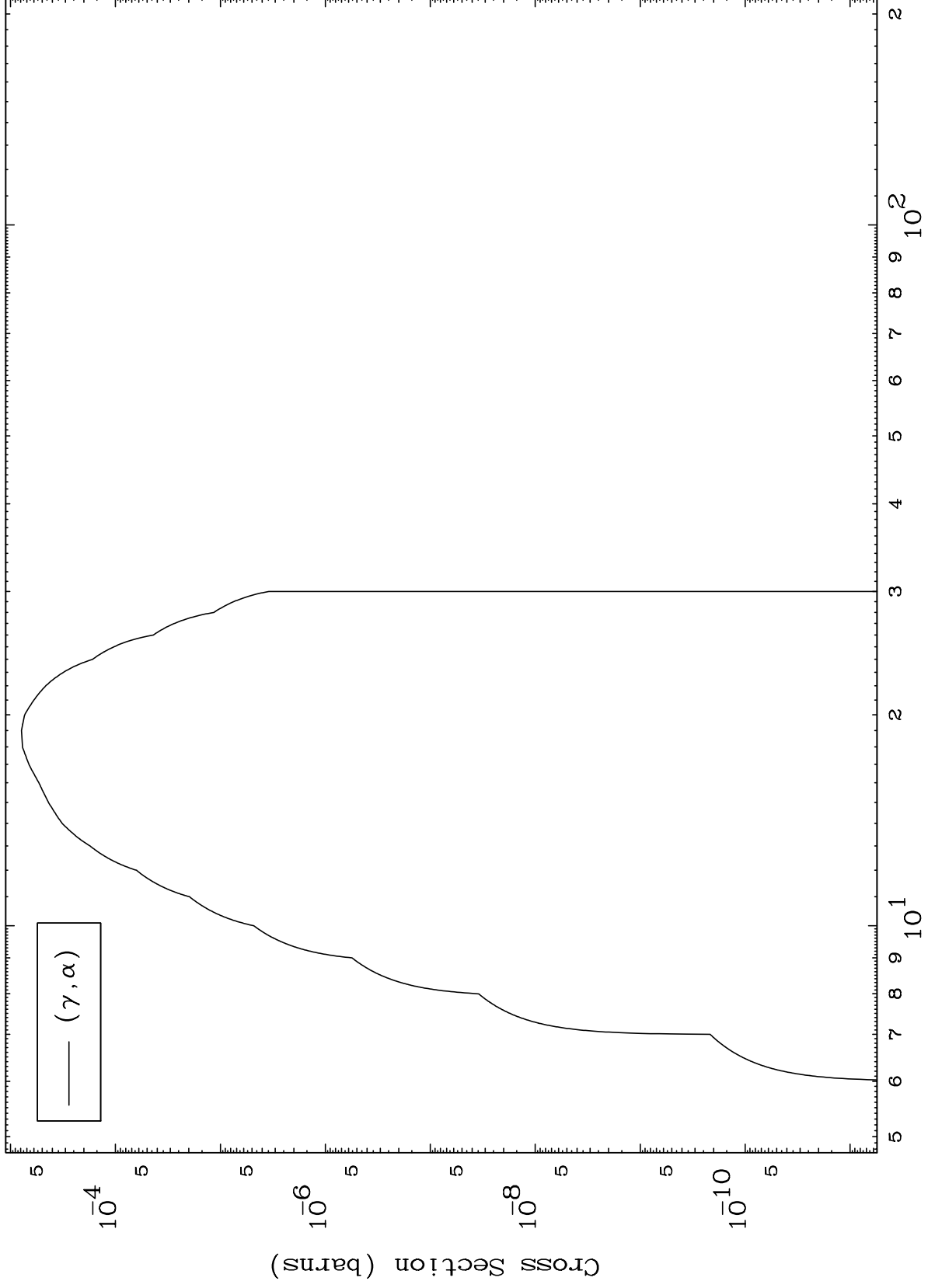
40-Zr-83



MAT 4004

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

40-Zr-83



10

Incident Energy (MeV)

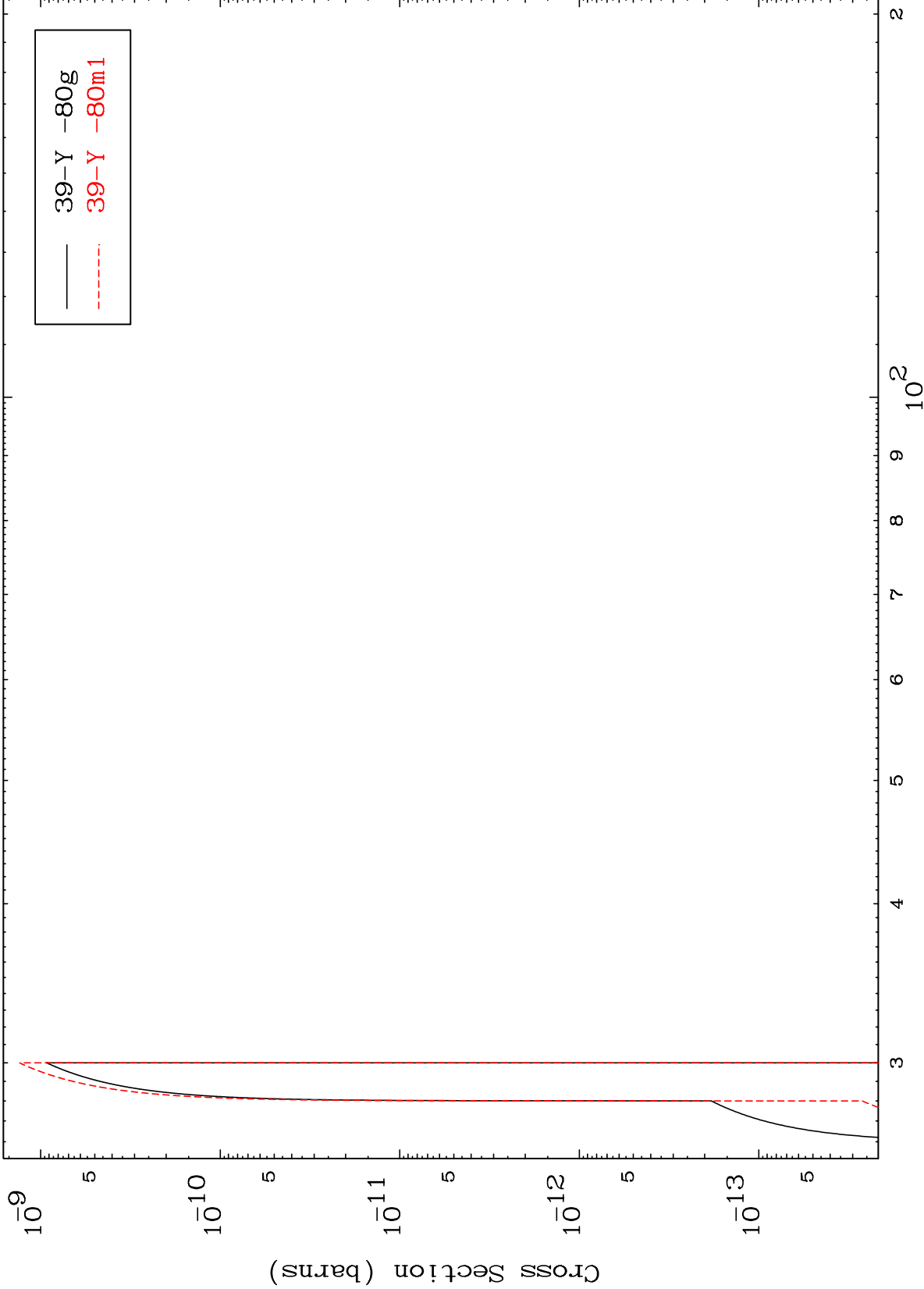
40-Zr-83

MAT 4004

( $\gamma, n'$ ) d

40-Zr-83

Radionuclide Production Cross Section



11

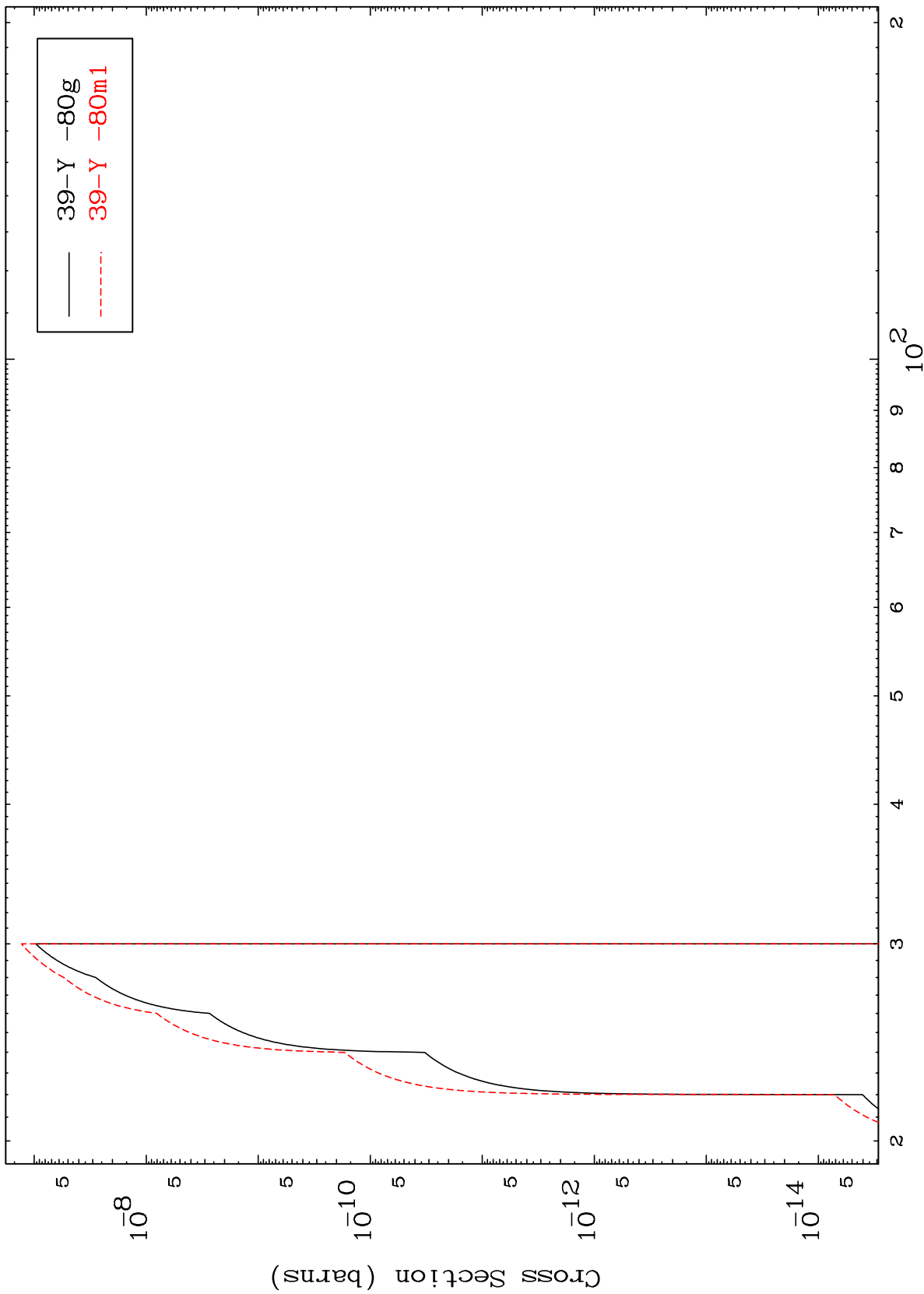
Incident Energy (MeV)

40-Zr-83

MAT 4004

40-Zr-83

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



40-Zr-83

Incident Energy (MeV)

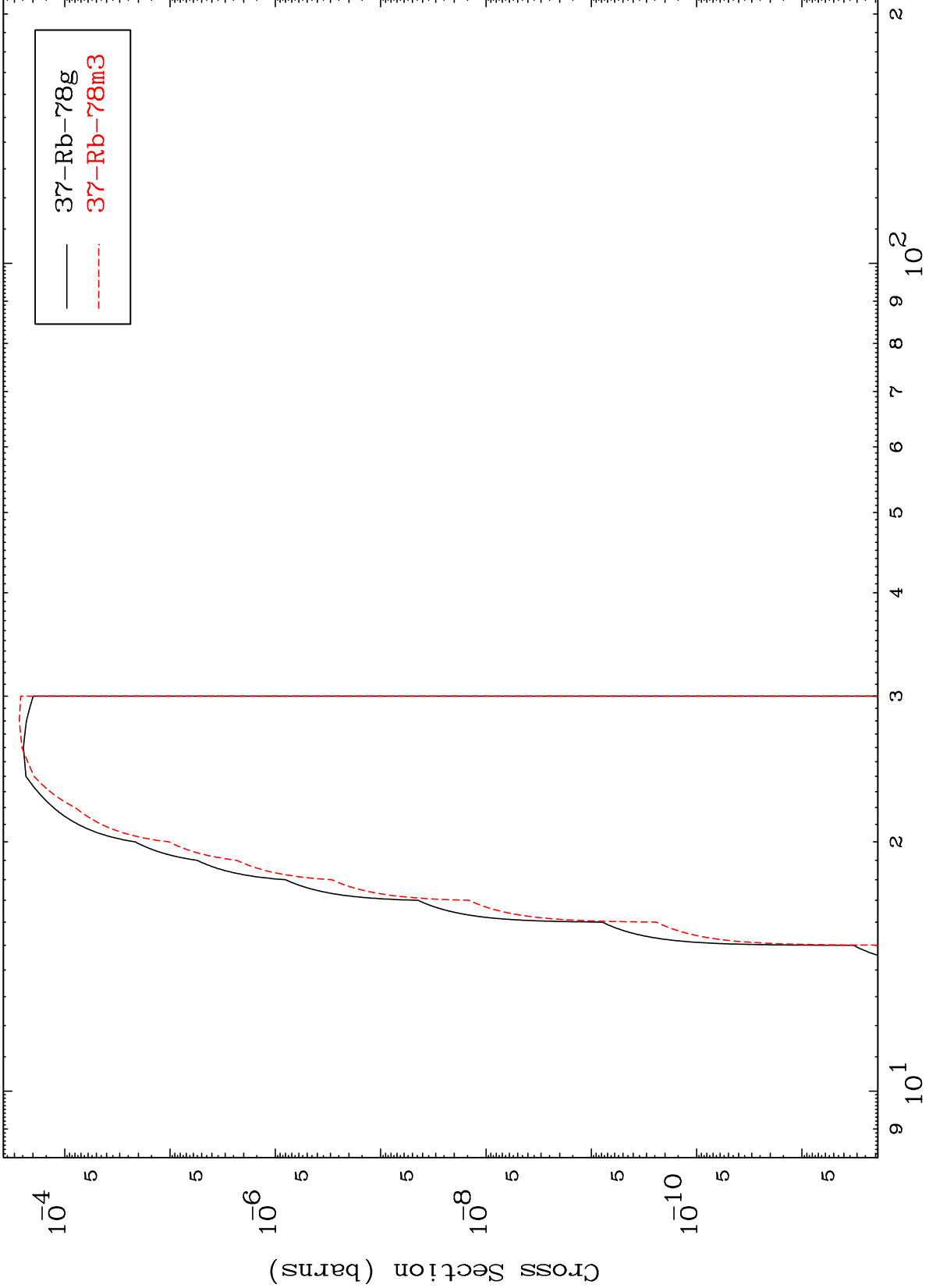
12

MAT 4004

( $\gamma, p$ )  $\alpha$

40-Zr-83

Radionuclide Production Cross Section



37-Rb-78g  
37-Rb-78m3

13

Incident Energy (MeV)

40-Zr-83