

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

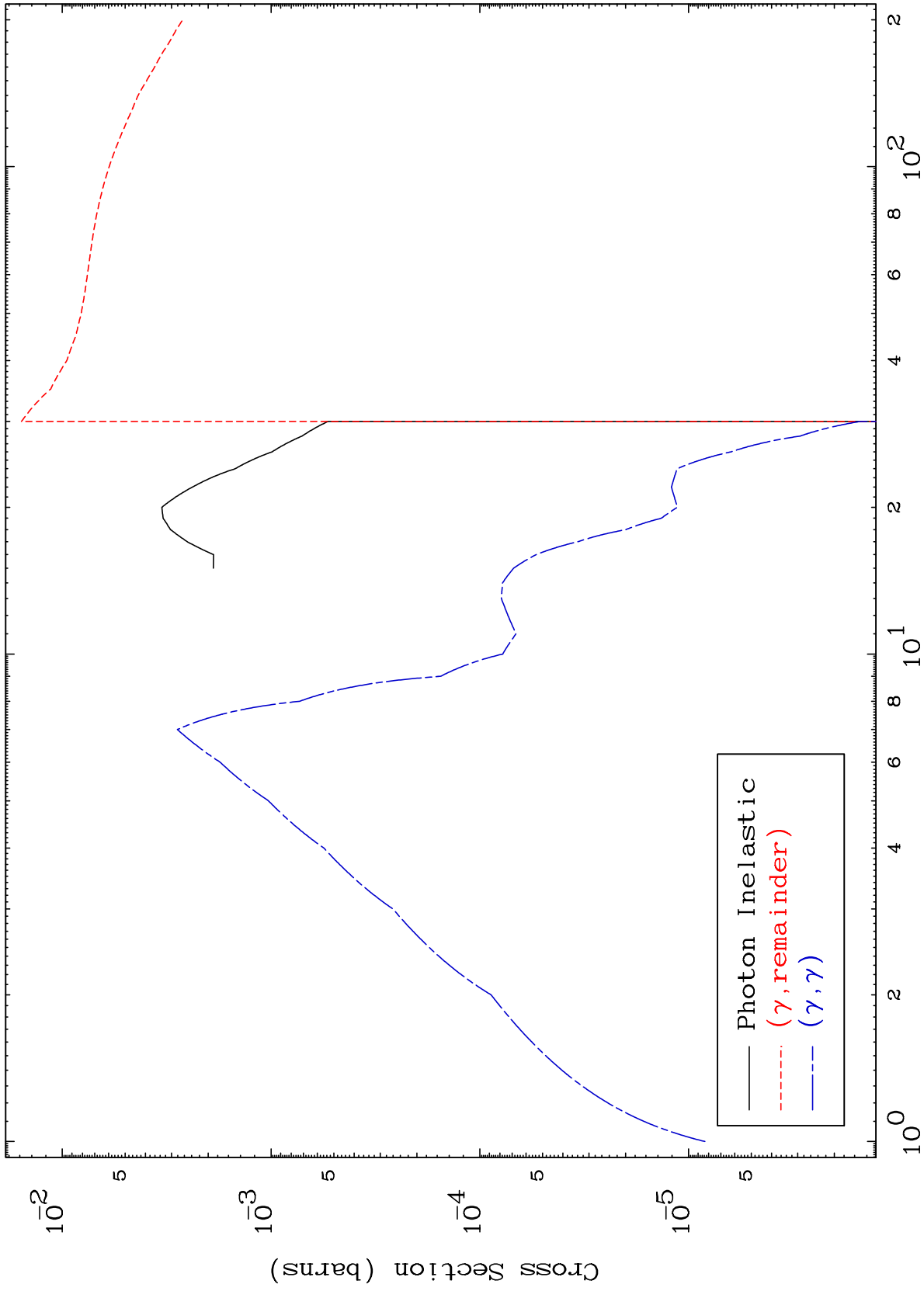
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4001

Photon Major  
0 Kelvin Cross Sections

40-Zr-82



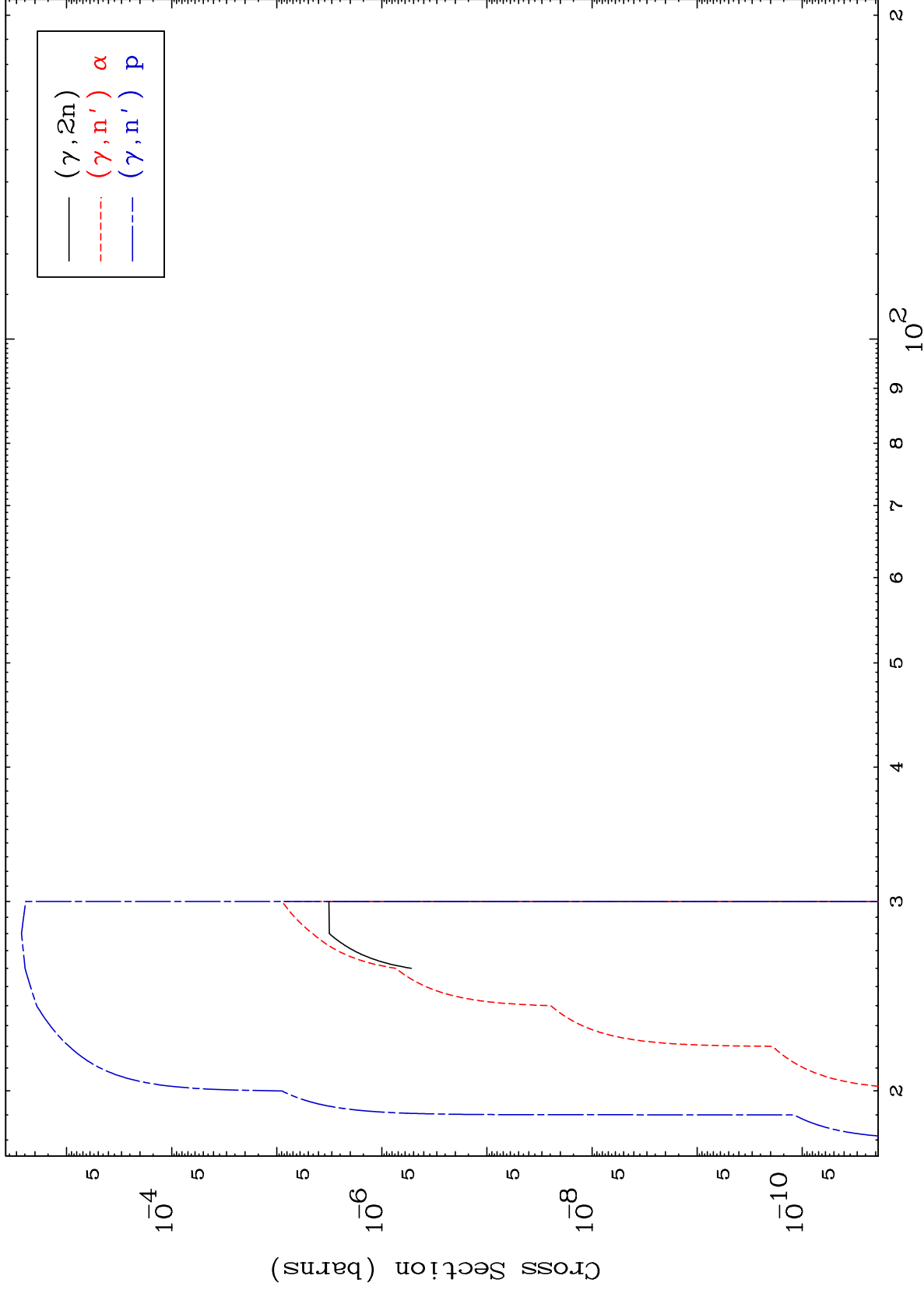
Incident Energy (MeV)

40-Zr-82

MAT 4001

Photon Neutron Production  
0 Kelvin Cross Sections

40-Zr-82



2

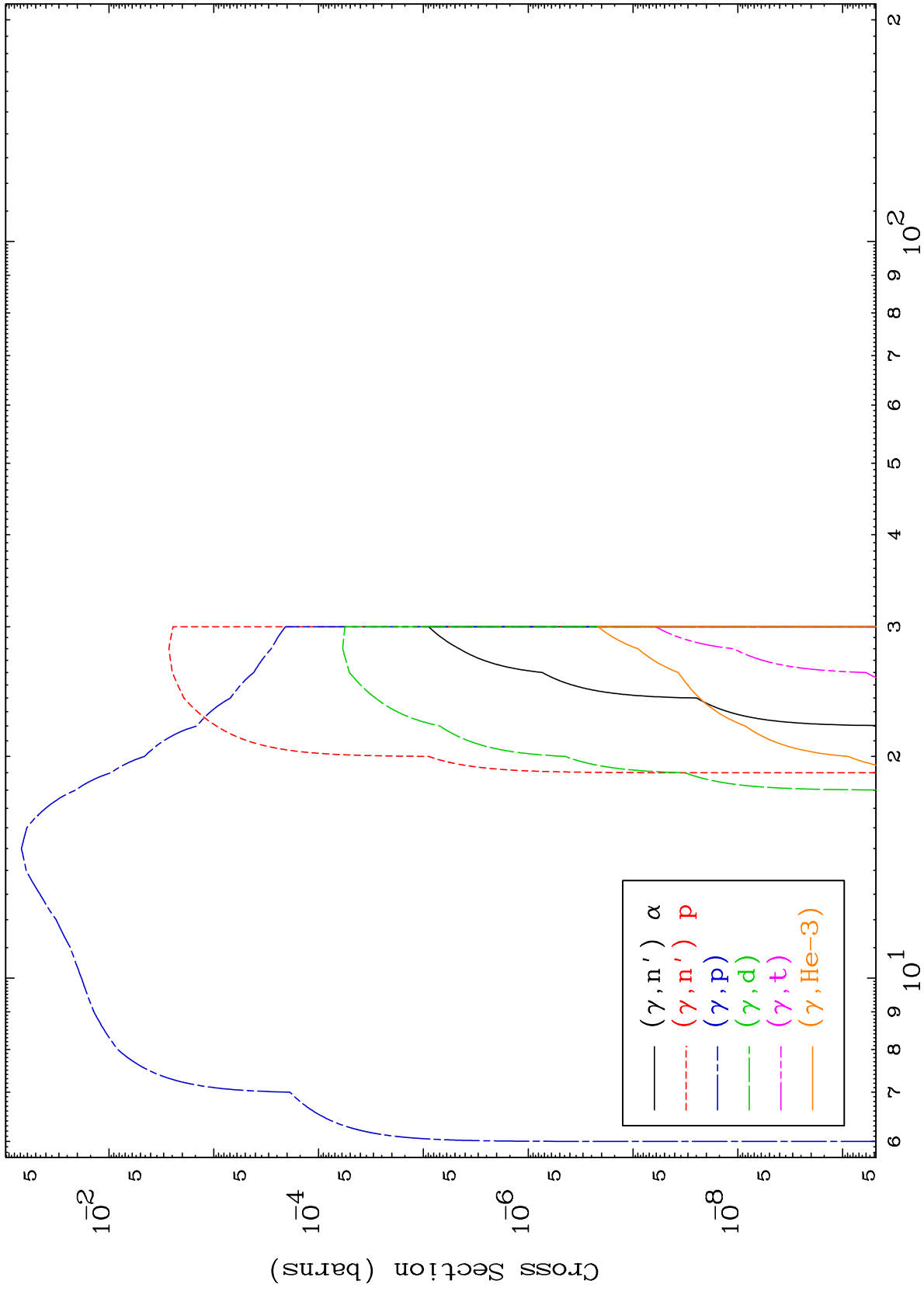
Incident Energy (MeV)

40-Zr-82

MAT 4001

Photon Charged Particle  
0 Kelvin Cross Sections

40-Zr-82



3

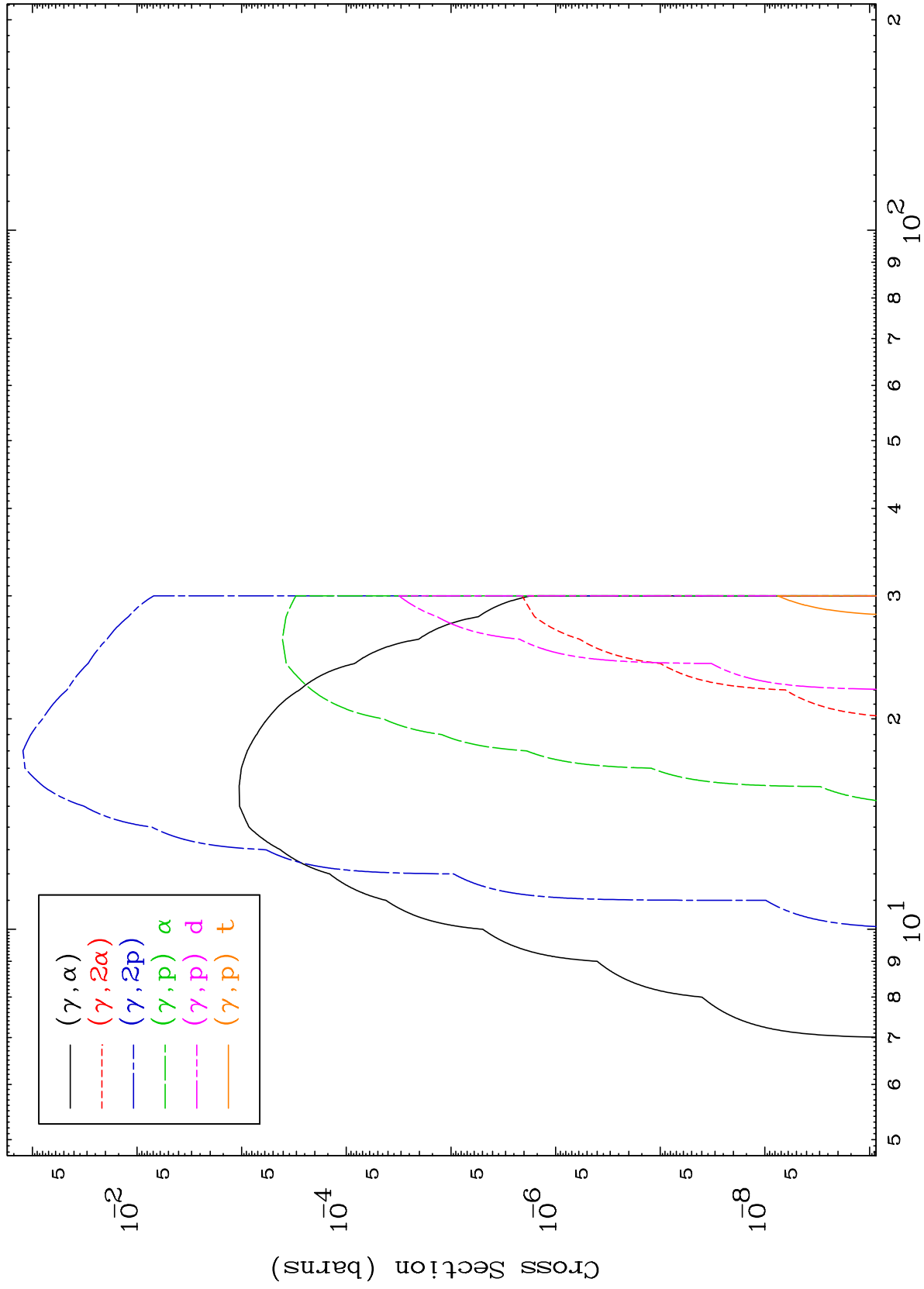
Incident Energy (MeV)

40-Zr-82

MAT 4001

Photon Charged Particle  
0 Kelvin Cross Sections

40-Zr-82



4

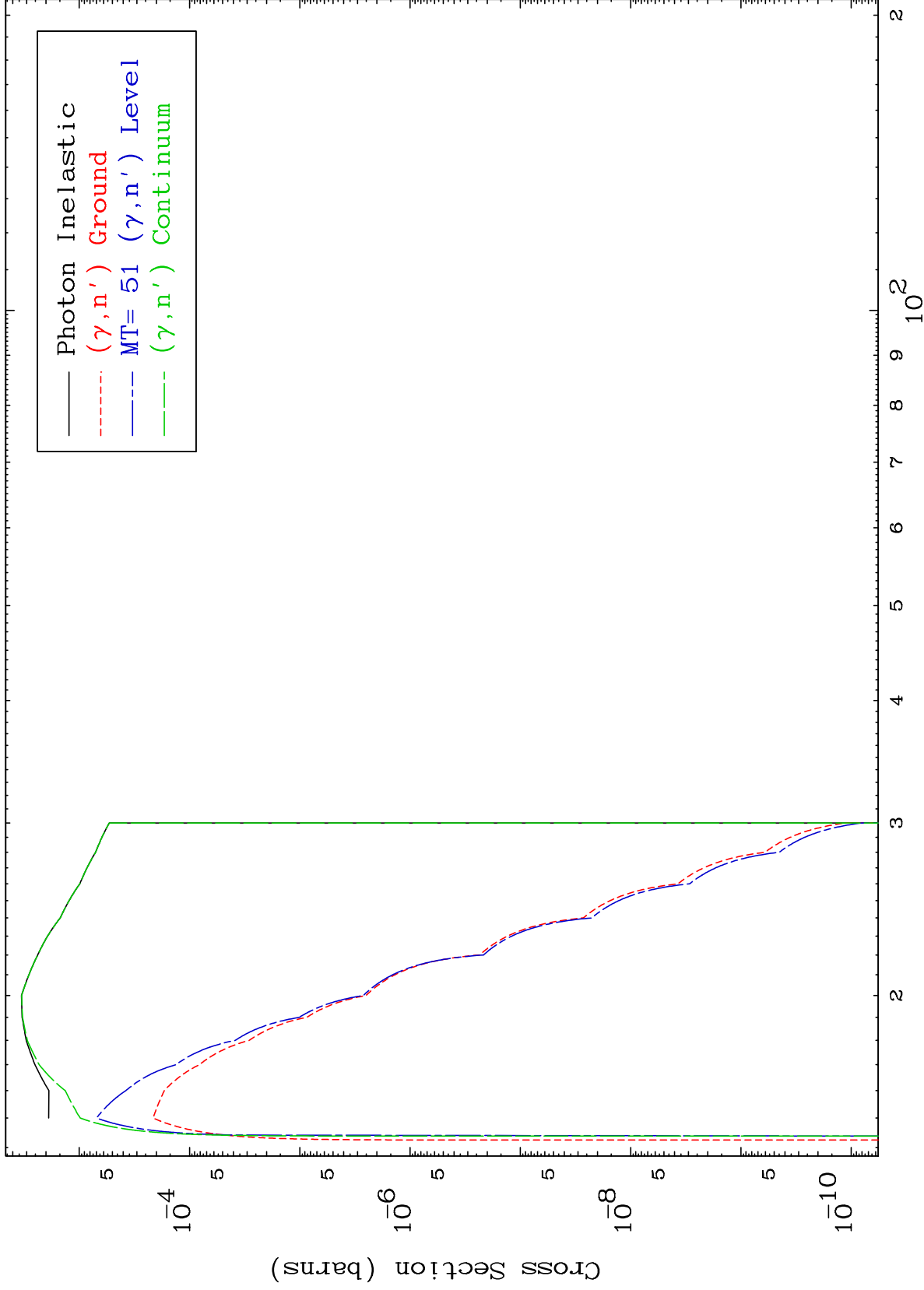
Incident Energy (MeV)

40-Zr-82

MAT 4001

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

40-Zr-82



5

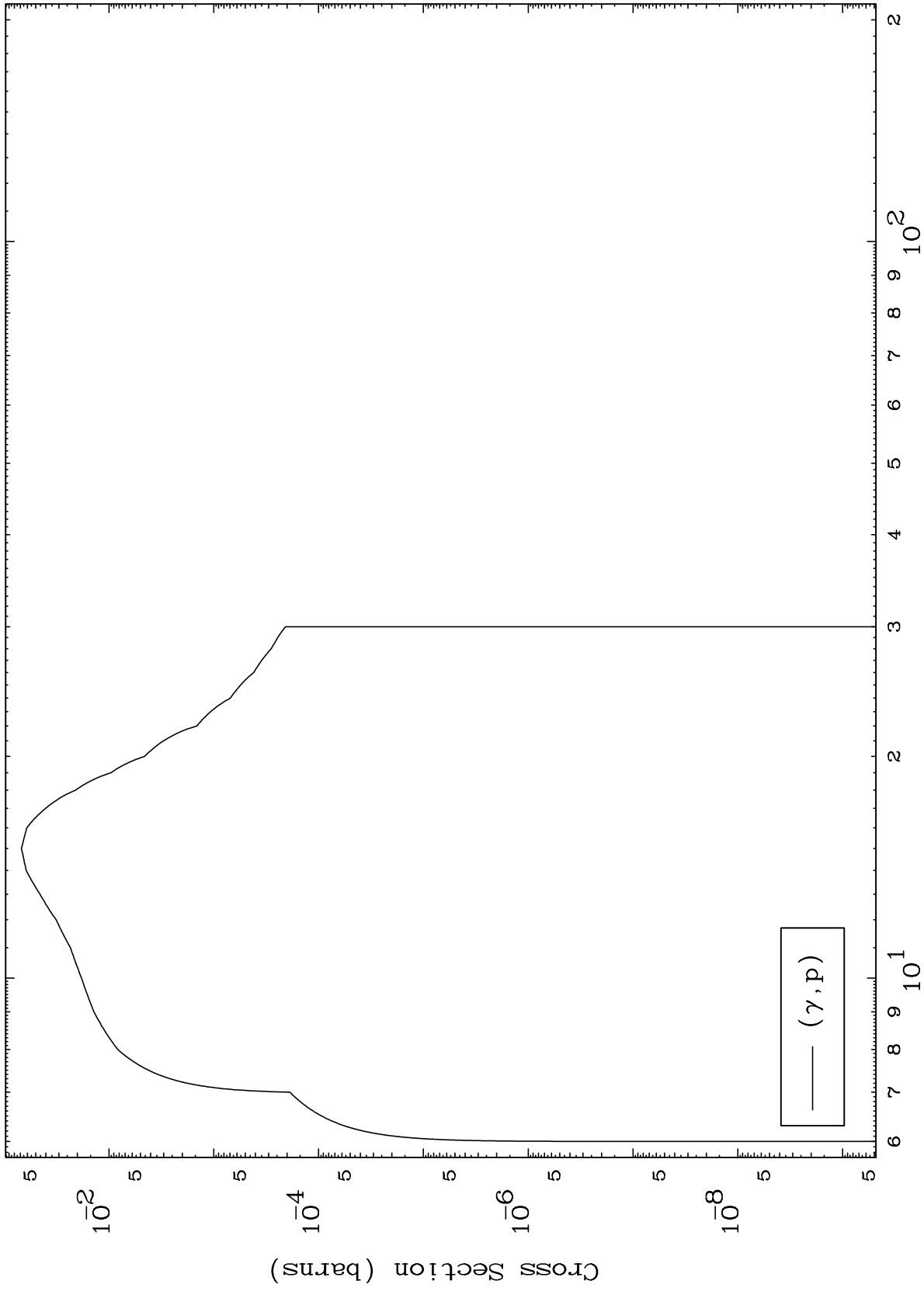
Incident Energy (MeV)

40-Zr-82

MAT 4001

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

40-Zr-82



6

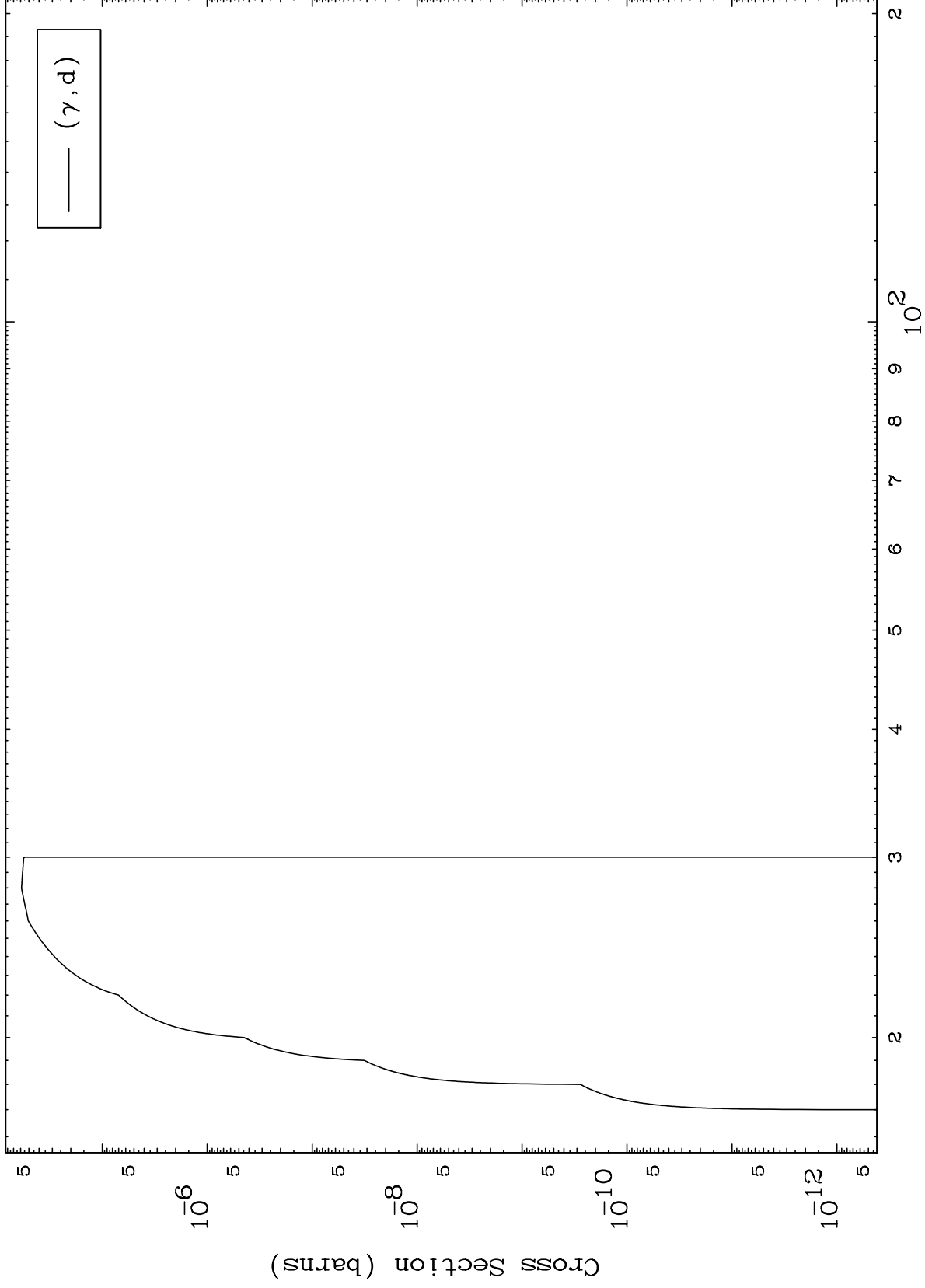
Incident Energy (MeV)

40-Zr-82

MAT 4001

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

40-Zr-82



7

Incident Energy (MeV)

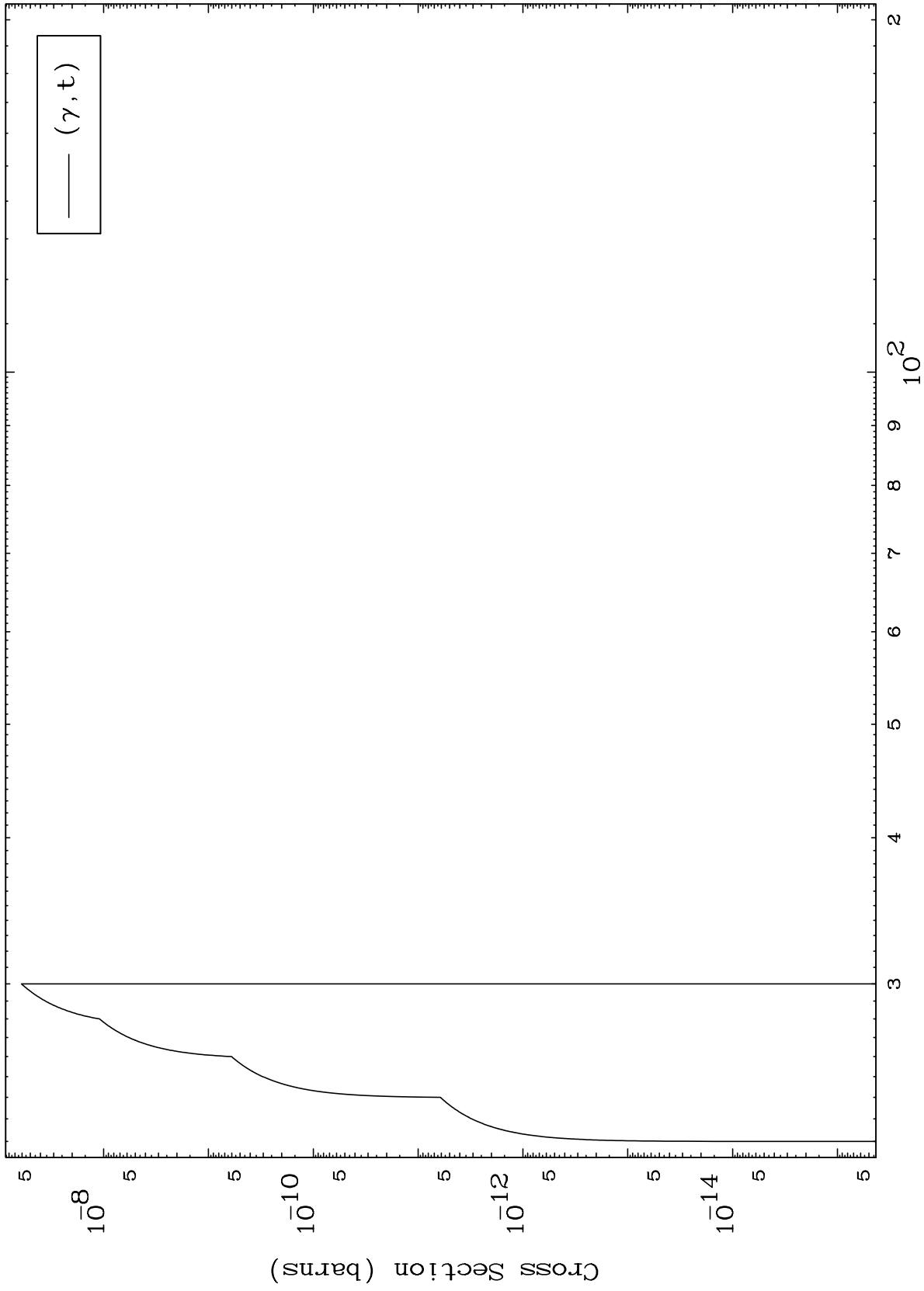
40-Zr-82



MAT 4001

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

40-Zr-82



8

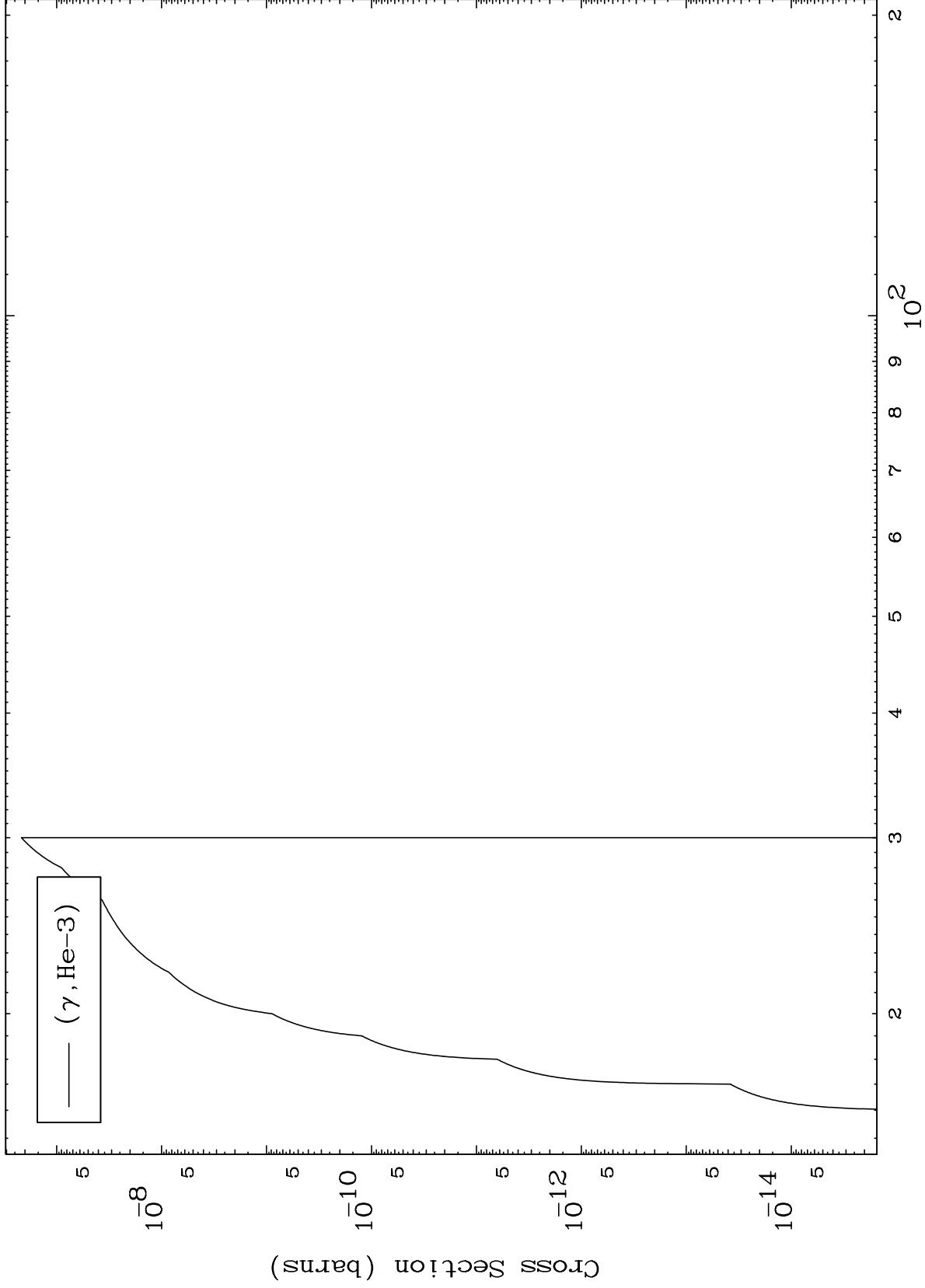
Incident Energy (MeV)

40-Zr-82

MAT 4001

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

40-Zr-82



9

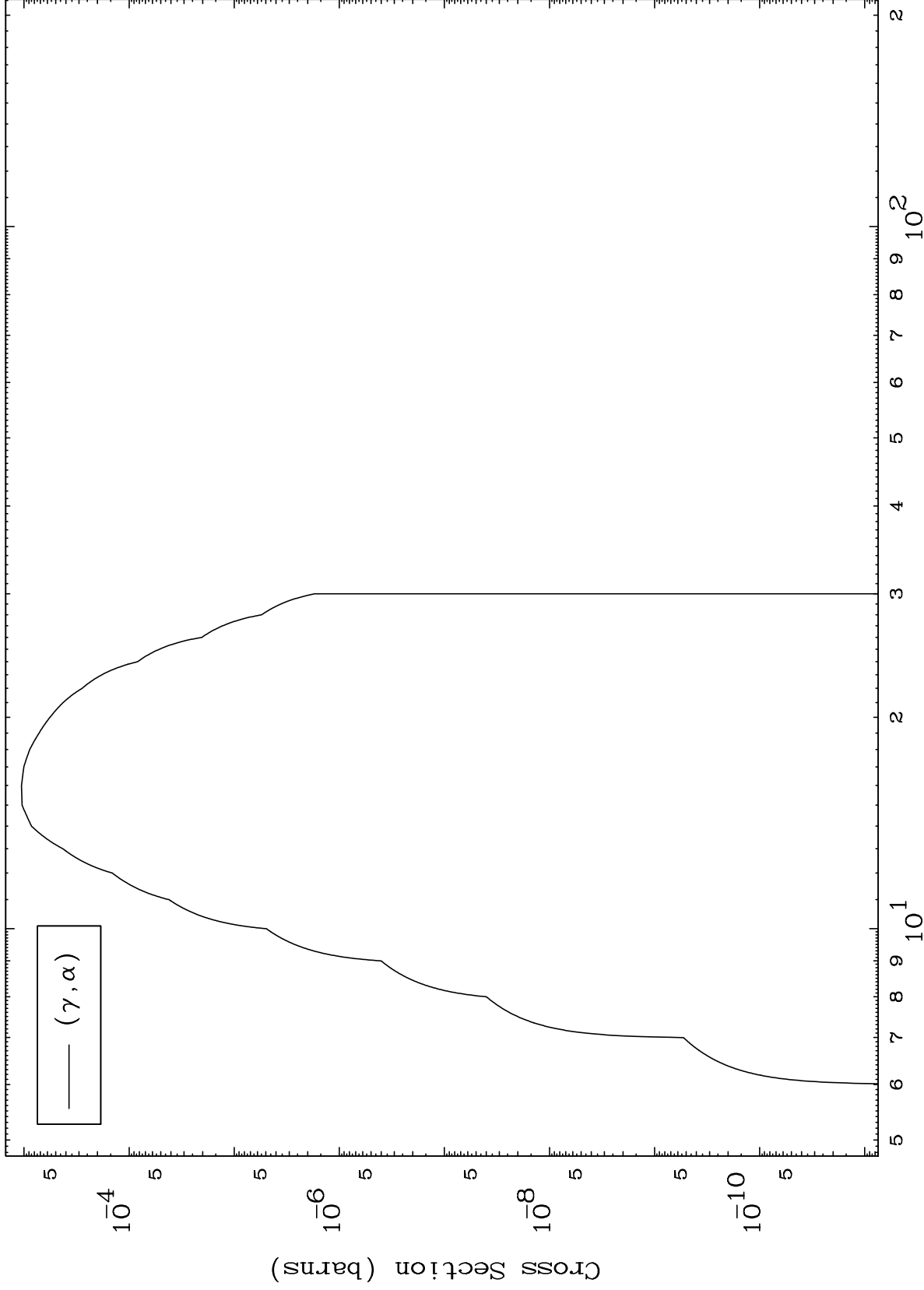
Incident Energy (MeV)

40-Zr-82

MAT 4001

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

40-Zr-82



10

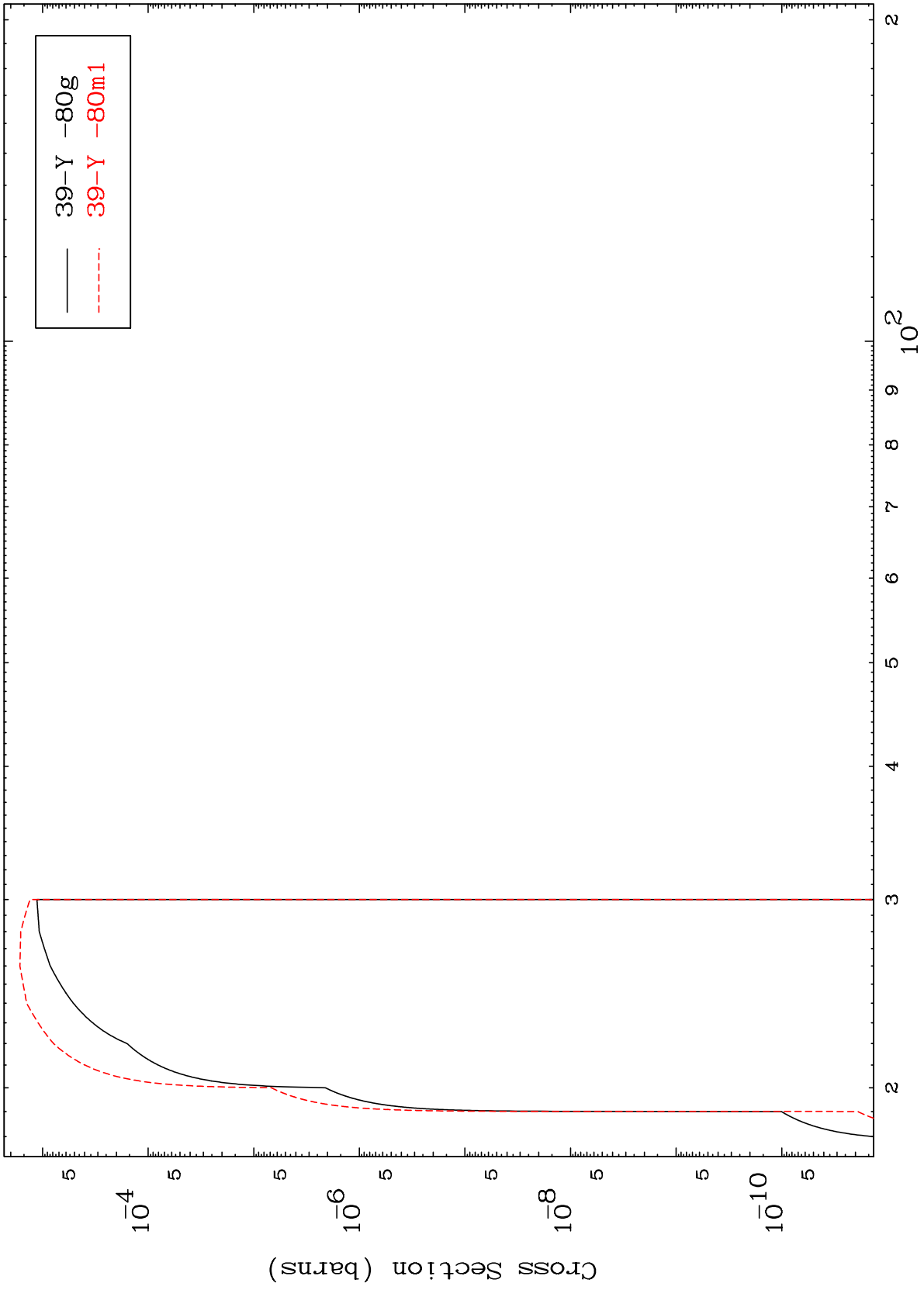
Incident Energy (MeV)

40-Zr-82

MAT 4001

40-Zr-82

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



40-Zr-82

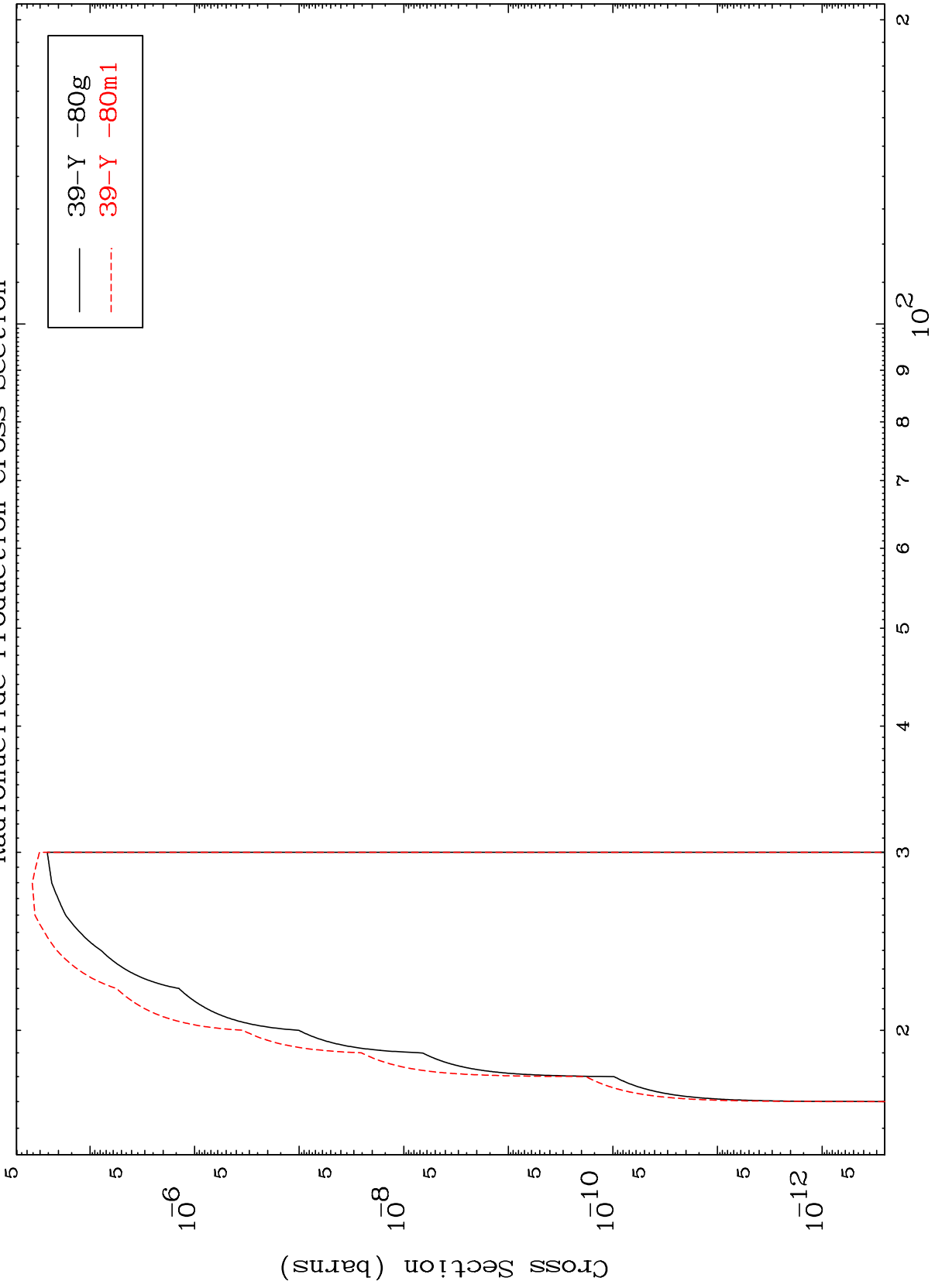
Incident Energy (MeV)

11

MAT 4001

40-Zr-82

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



12

40-Zr-82