

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

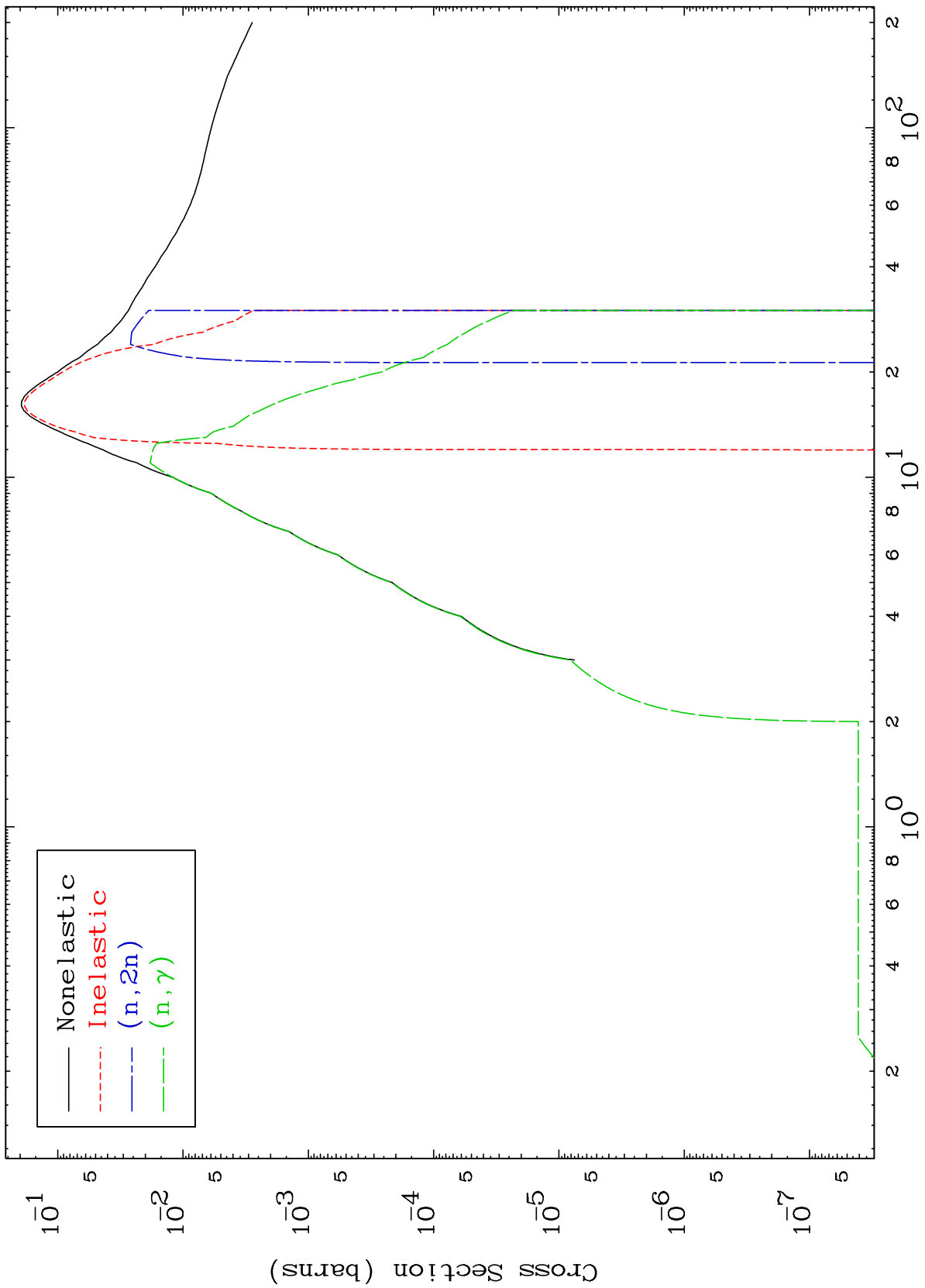
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4025

Photon Major  
0 Kelvin Cross Sections

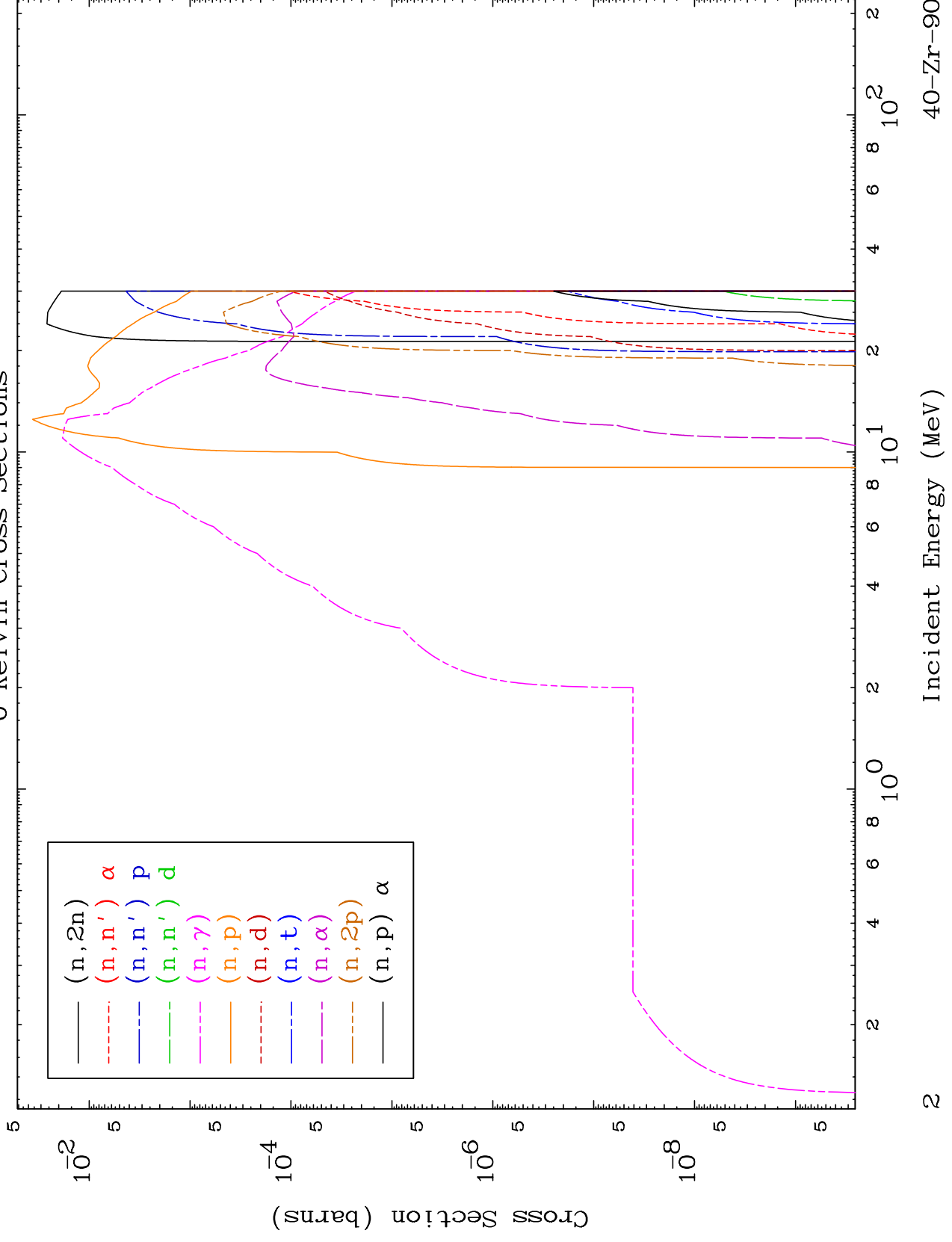
40-Zr-90



MAT 4025

Photon Neutron Absorption  
0 Kelvin Cross Sections

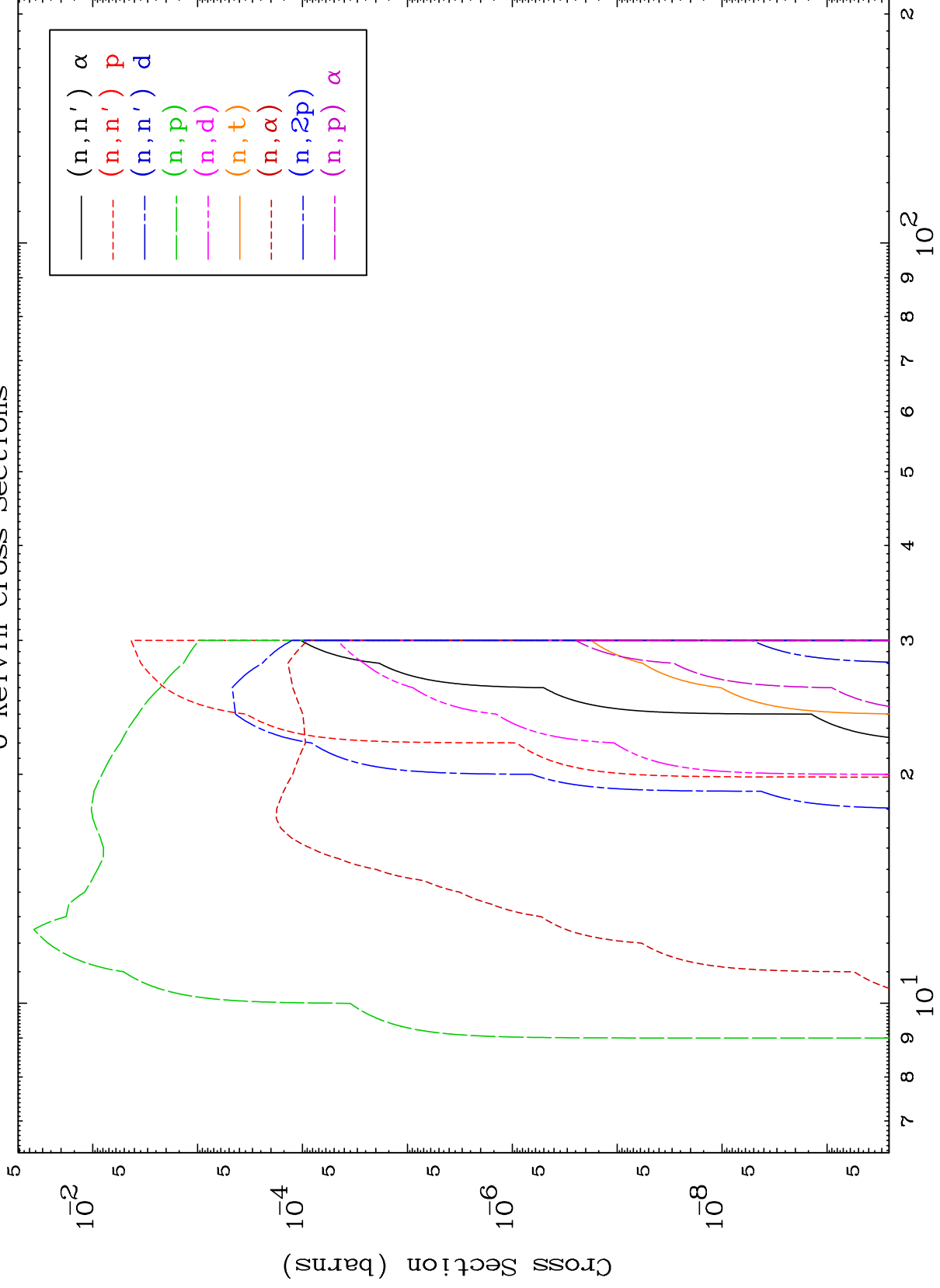
40-Zr-90



MAT 4025

Photon Charged Particle  
0 Kelvin Cross Sections

40-Zr-90



3

Incident Energy (MeV)

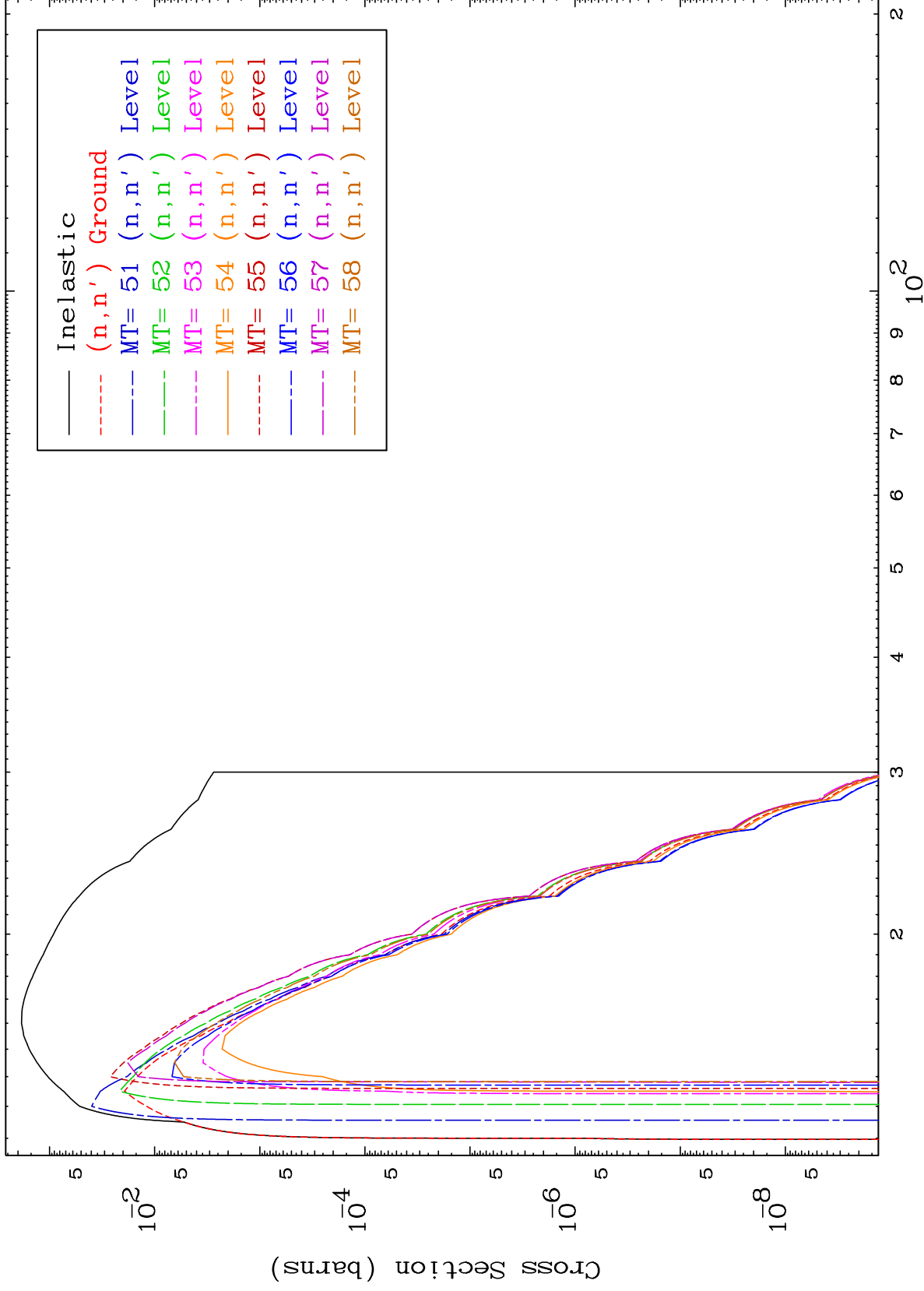
40-Zr-90

MAT 4025

( $\gamma, n'$ ) Levels

40-Zr-90

0 Kelvin Cross Sections



4

Incident Energy (MeV)

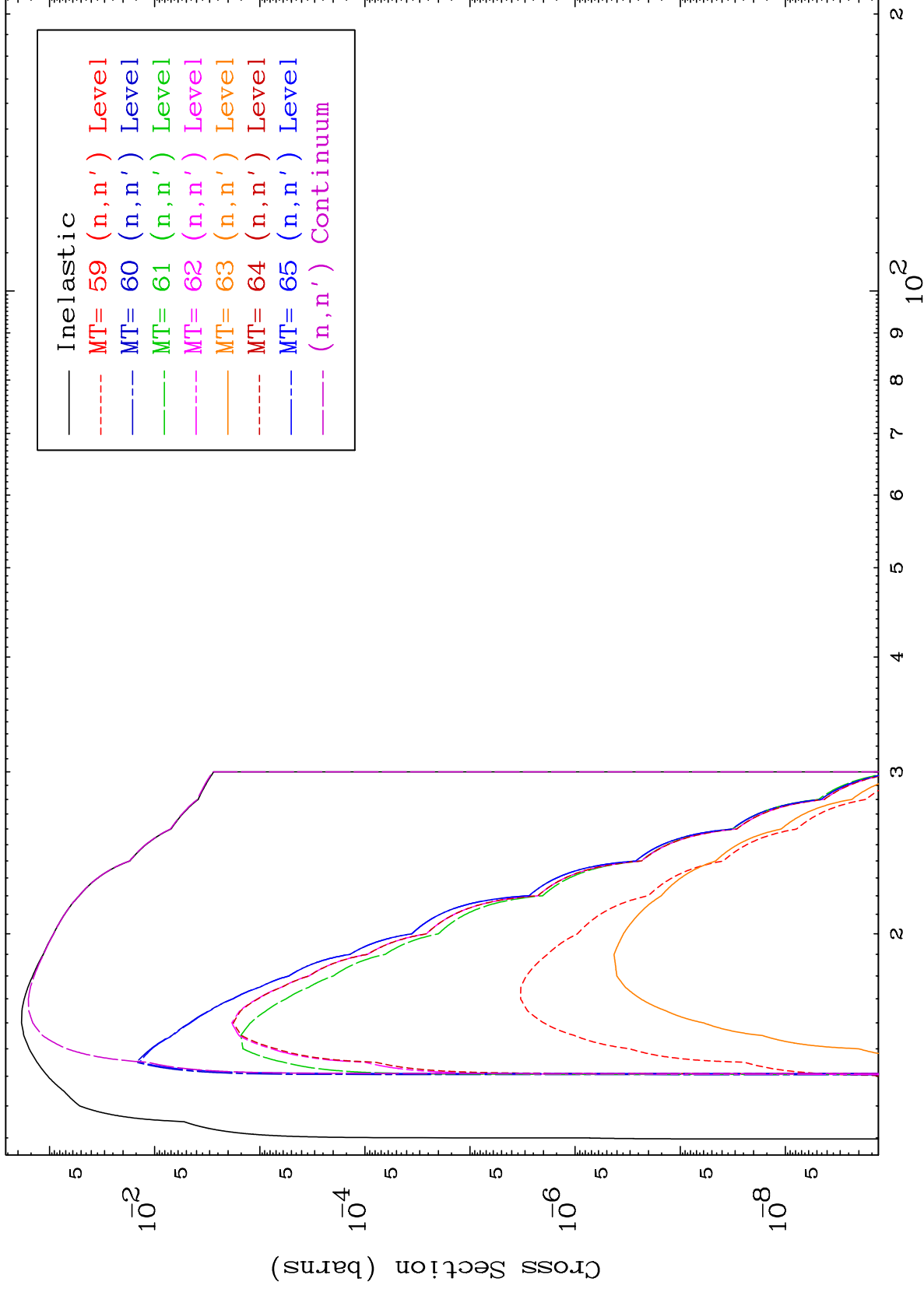
40-Zr-90

MAT 4025

( $\gamma, n'$ ) Levels

40-Zr-90

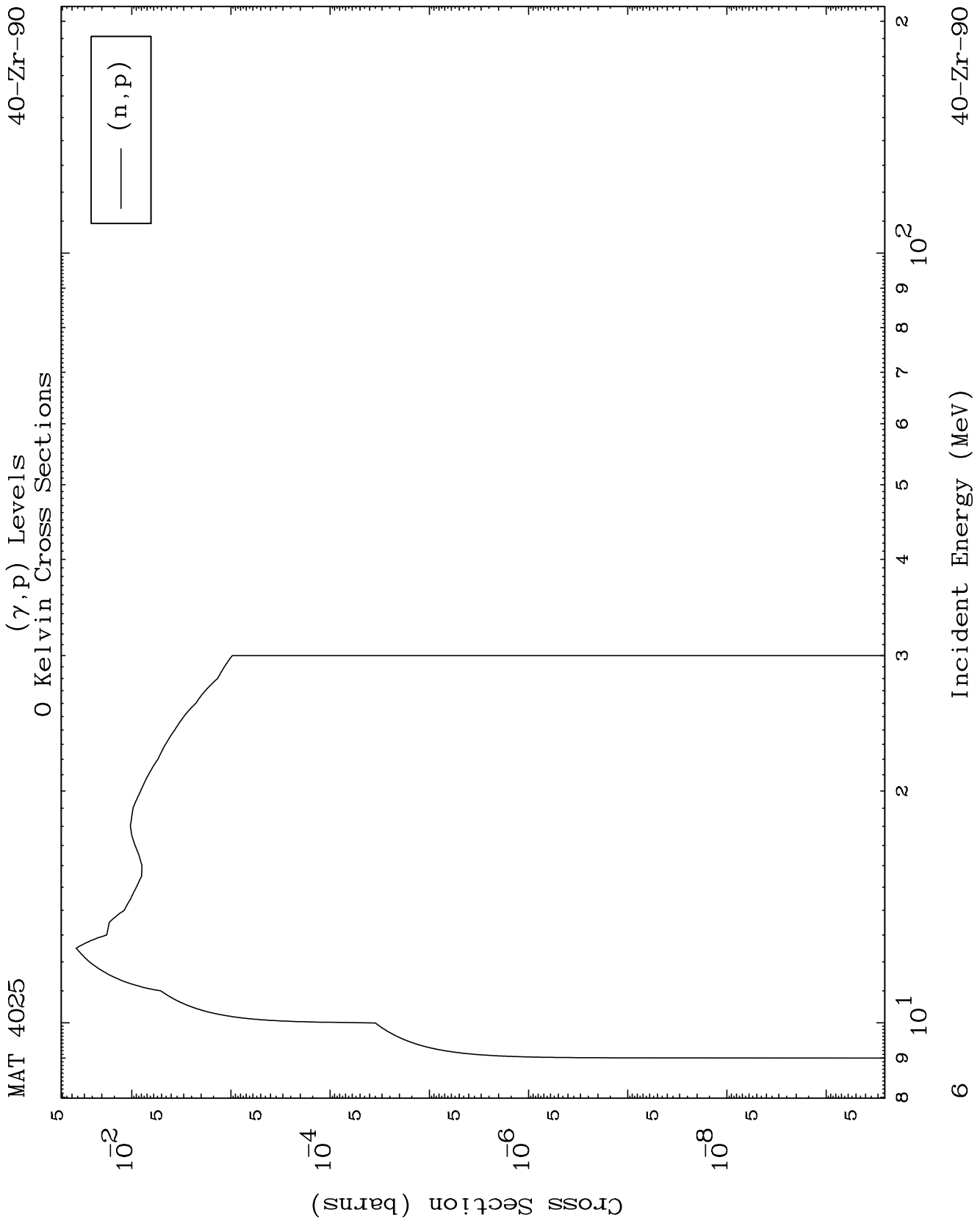
0 Kelvin Cross Sections



5

Incident Energy (MeV)

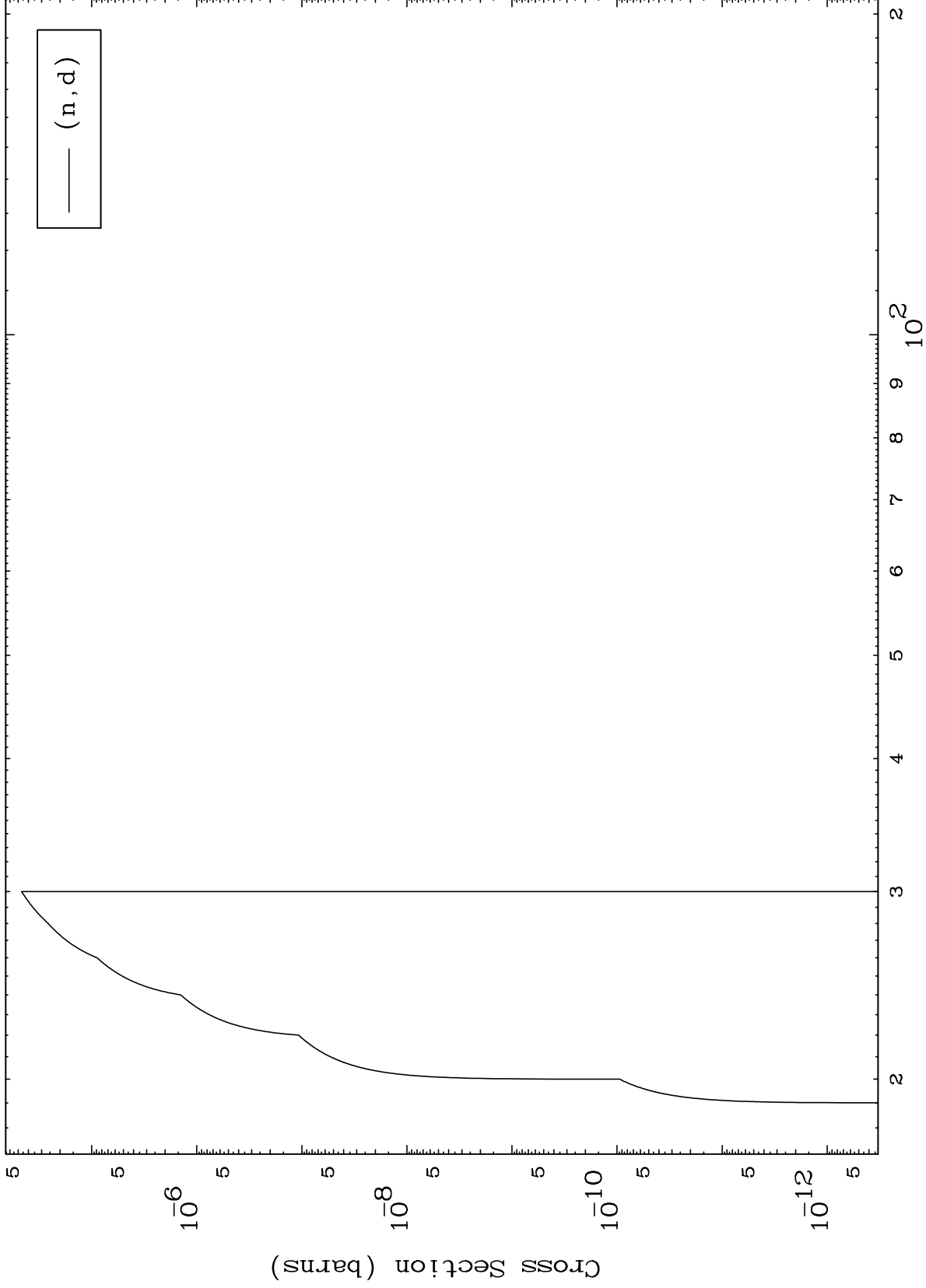
40-Zr-90



MAT 4025

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

40-Zr-90



7

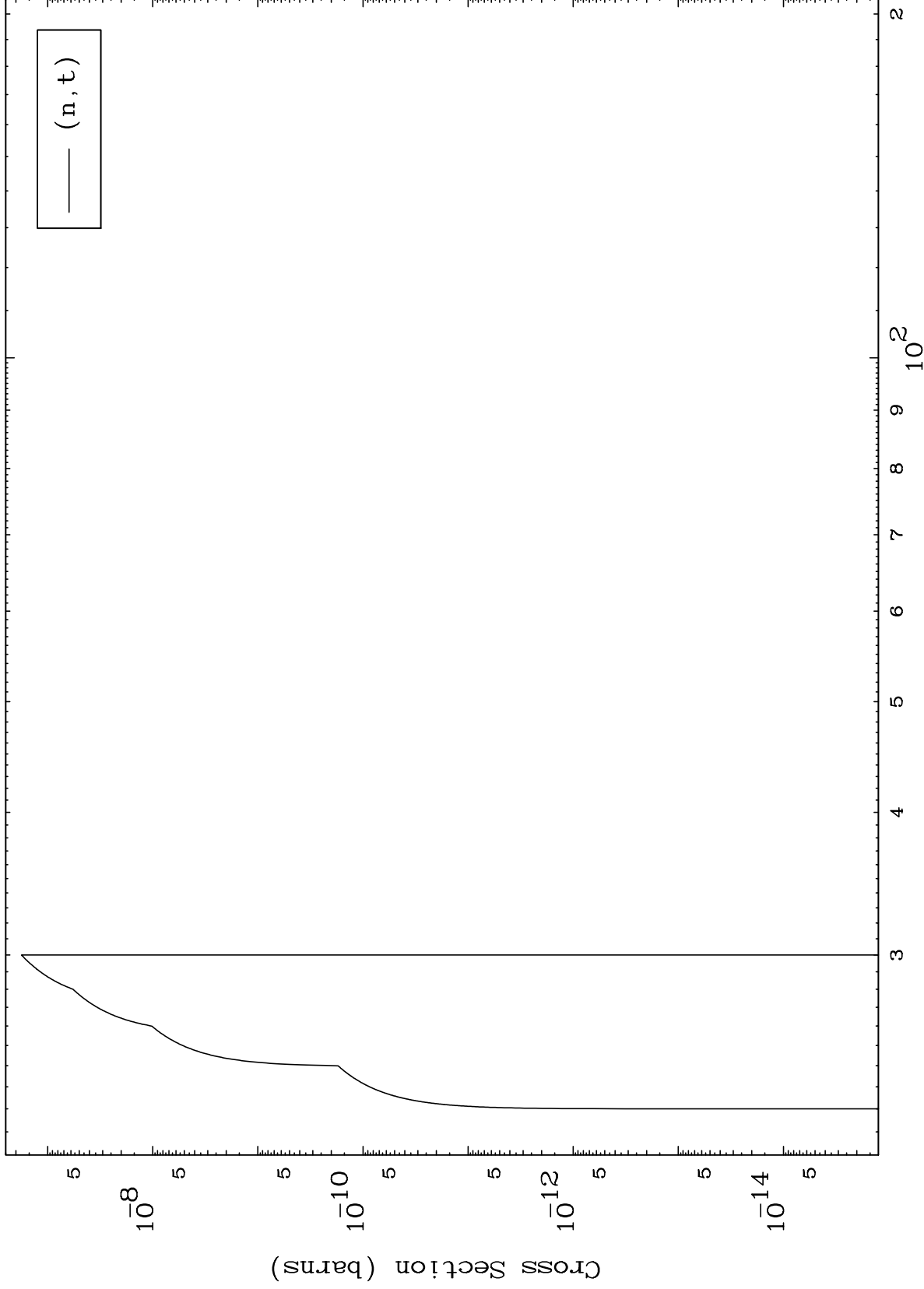
Incident Energy (MeV)

40-Zr-90

MAT 4025

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

40-Zr-90



8

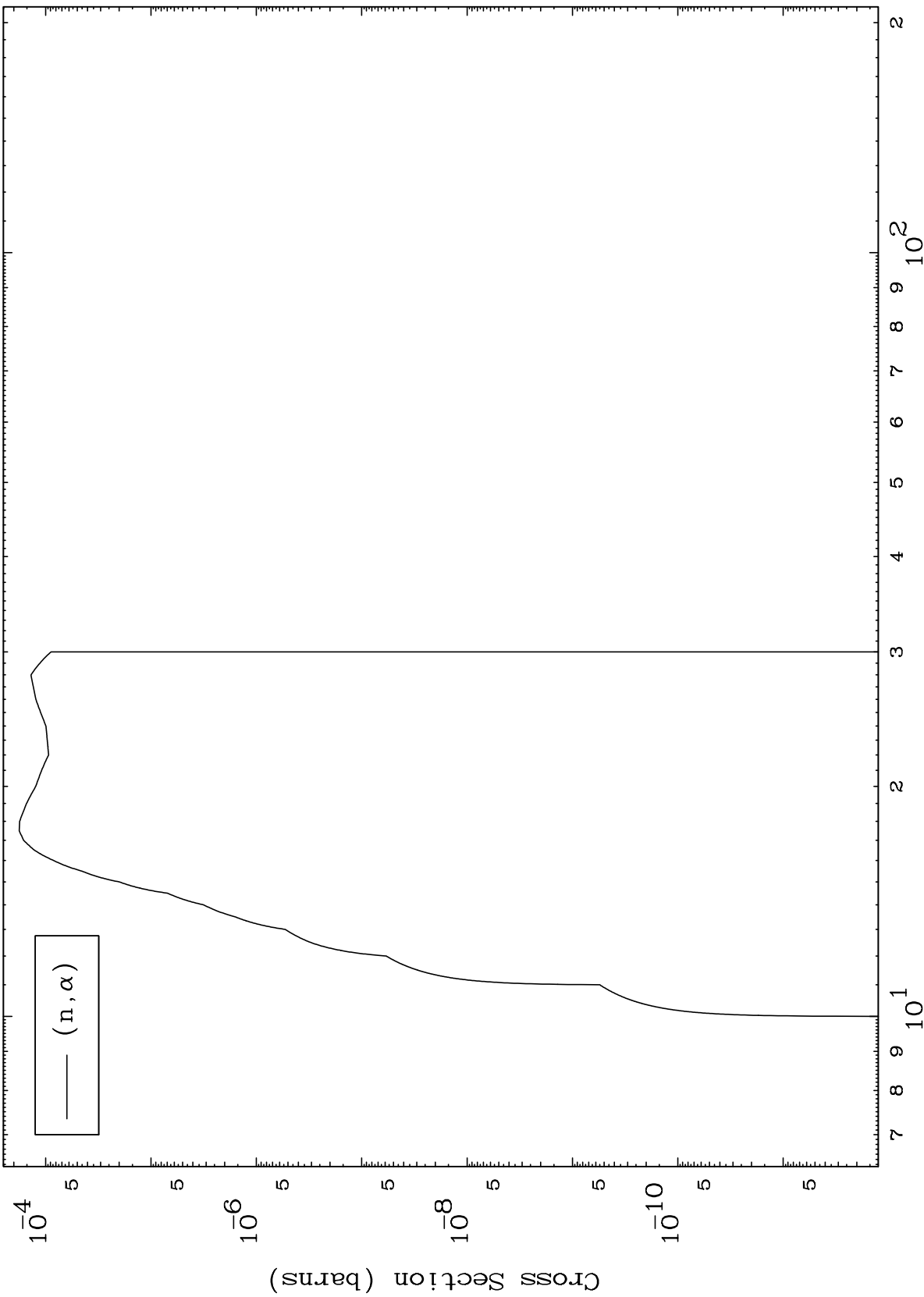
Incident Energy (MeV)

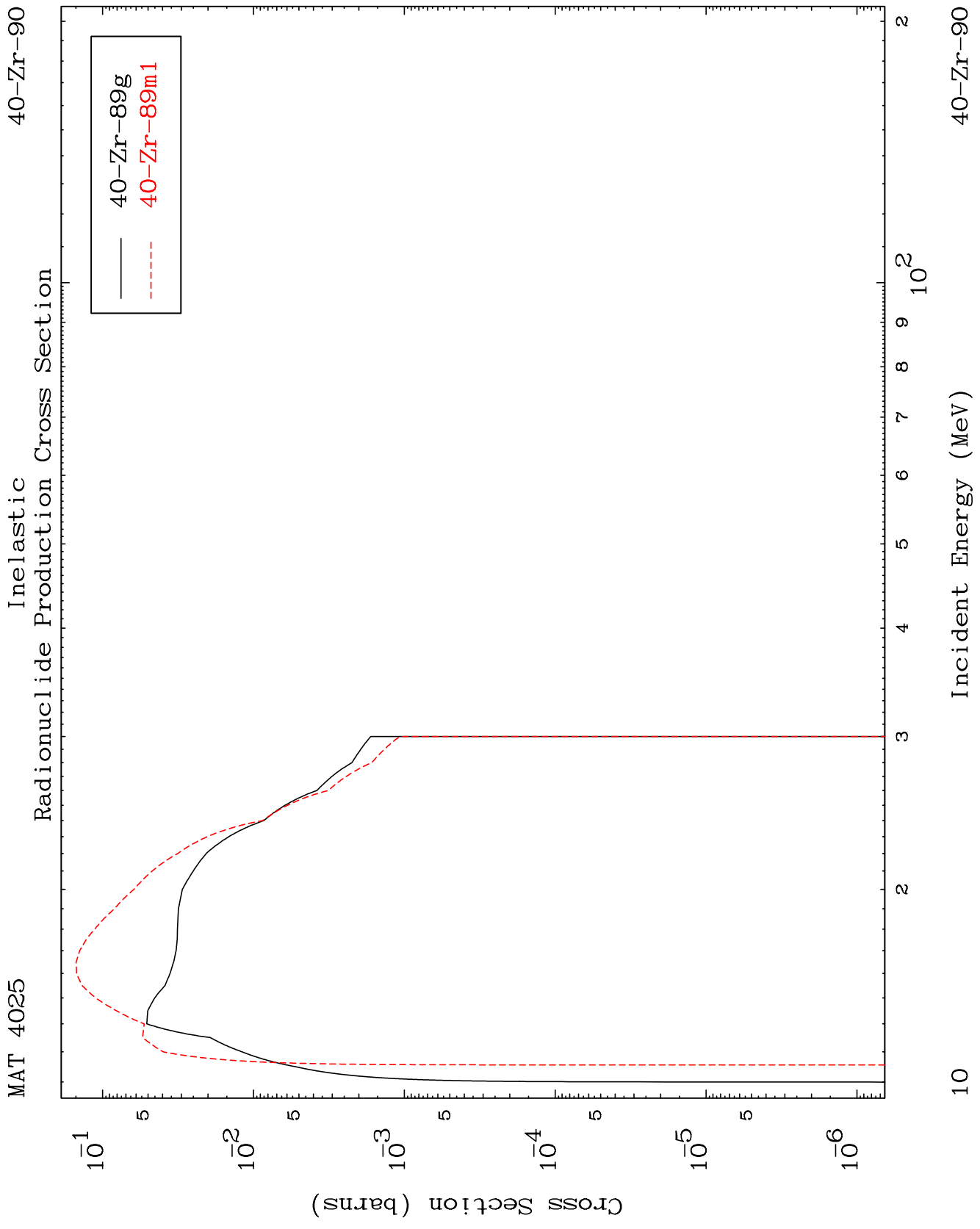
40-Zr-90

MAT 4025

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

40-Zr-90



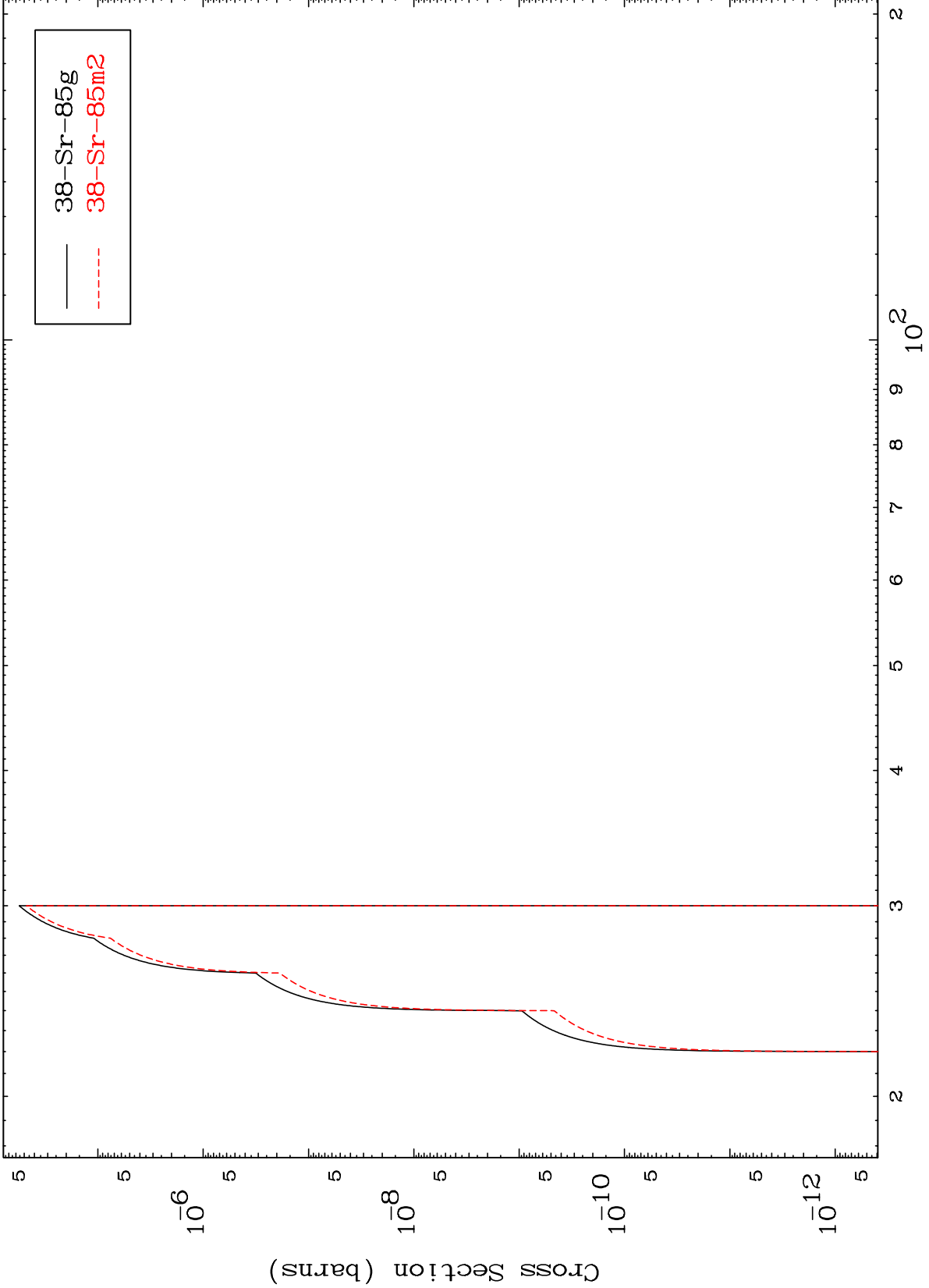


MAT 4025

$(n, n') \alpha$

40-Zr-90

Radionuclide Production Cross Section

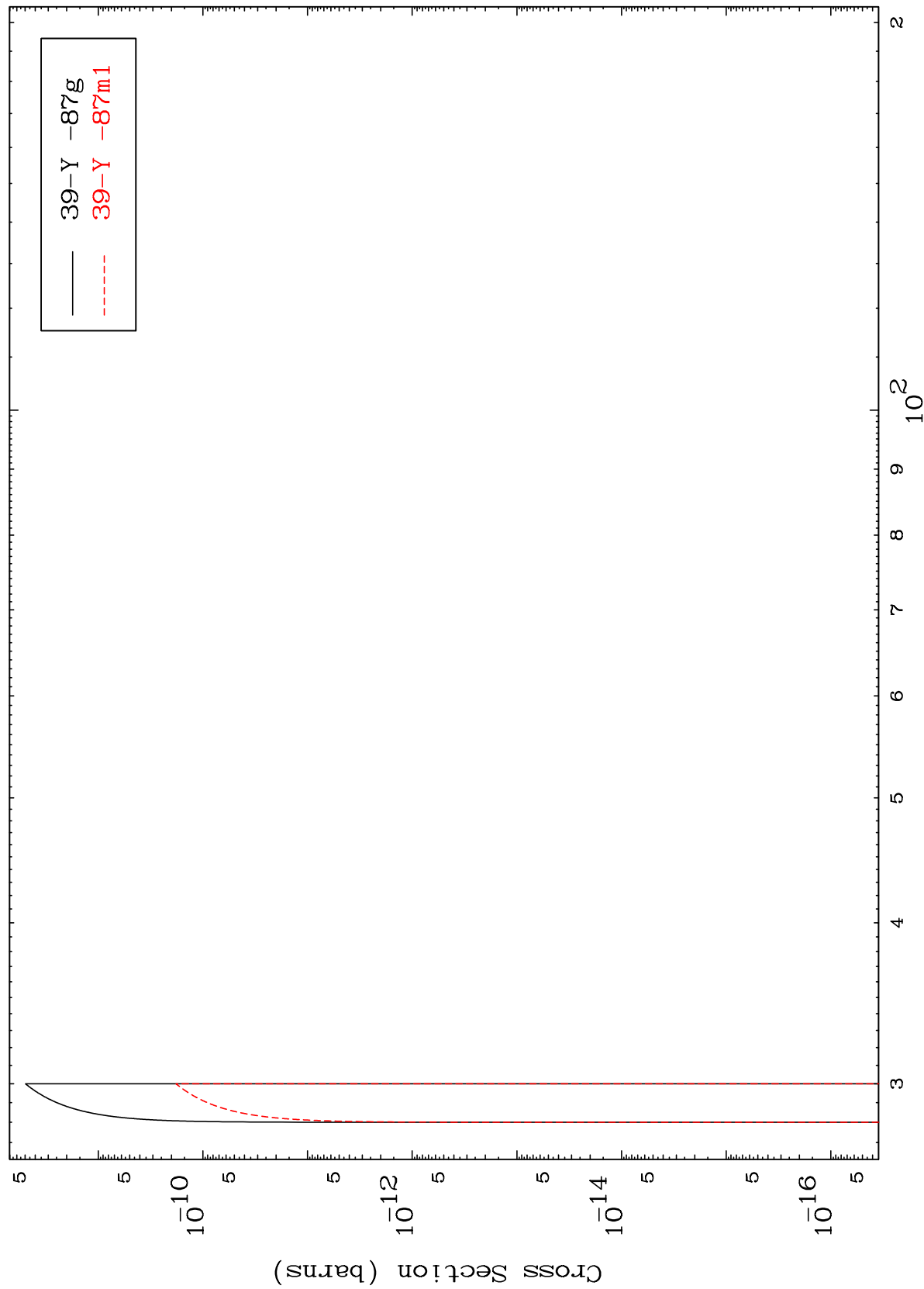


MAT 4025

(n,n') d

40-Zr-90

Radionuclide Production Cross Section



12

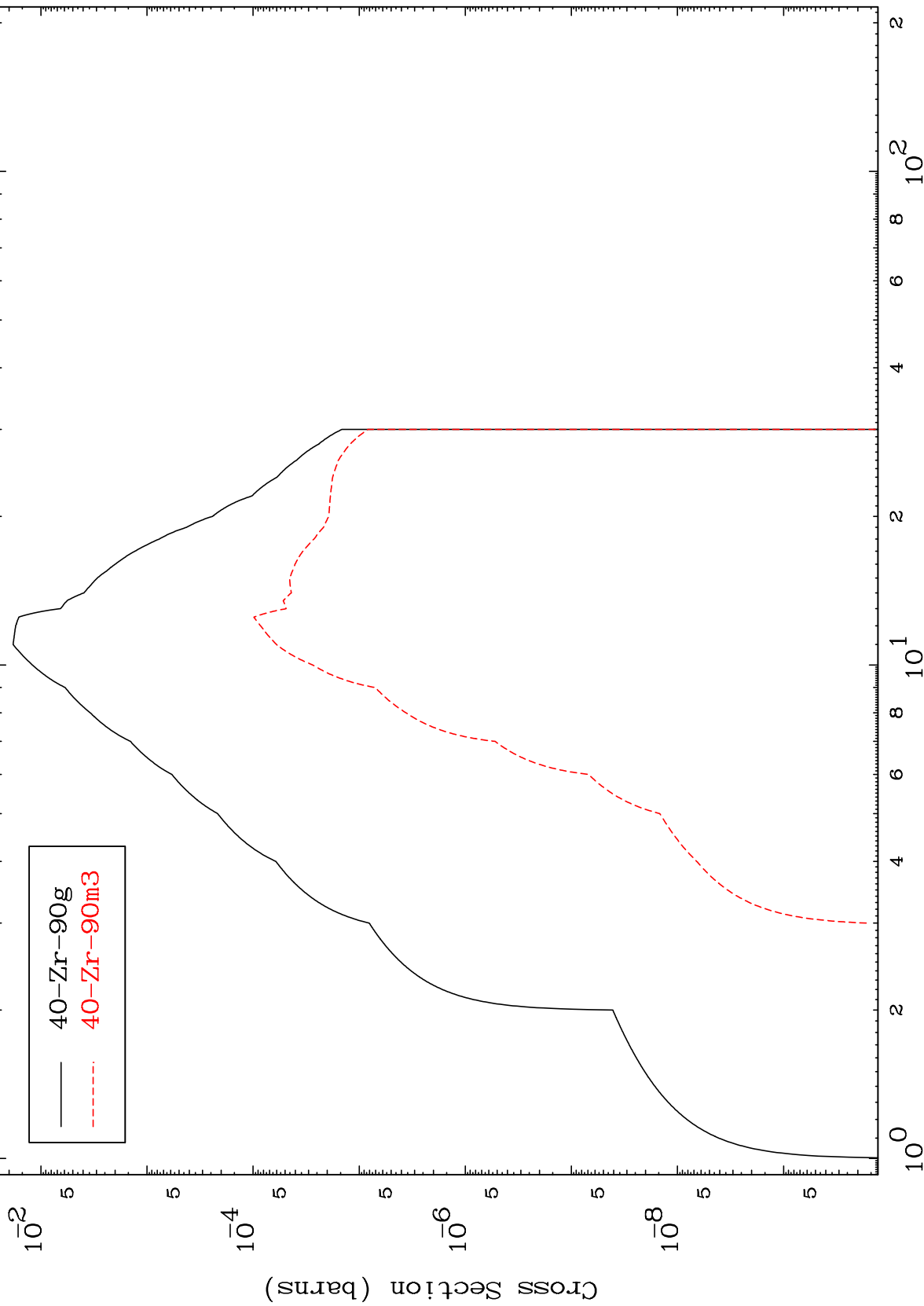
Incident Energy (MeV)

40-Zr-90

MAT 4025

40-Zr-90

Radionuclide Production Cross Section

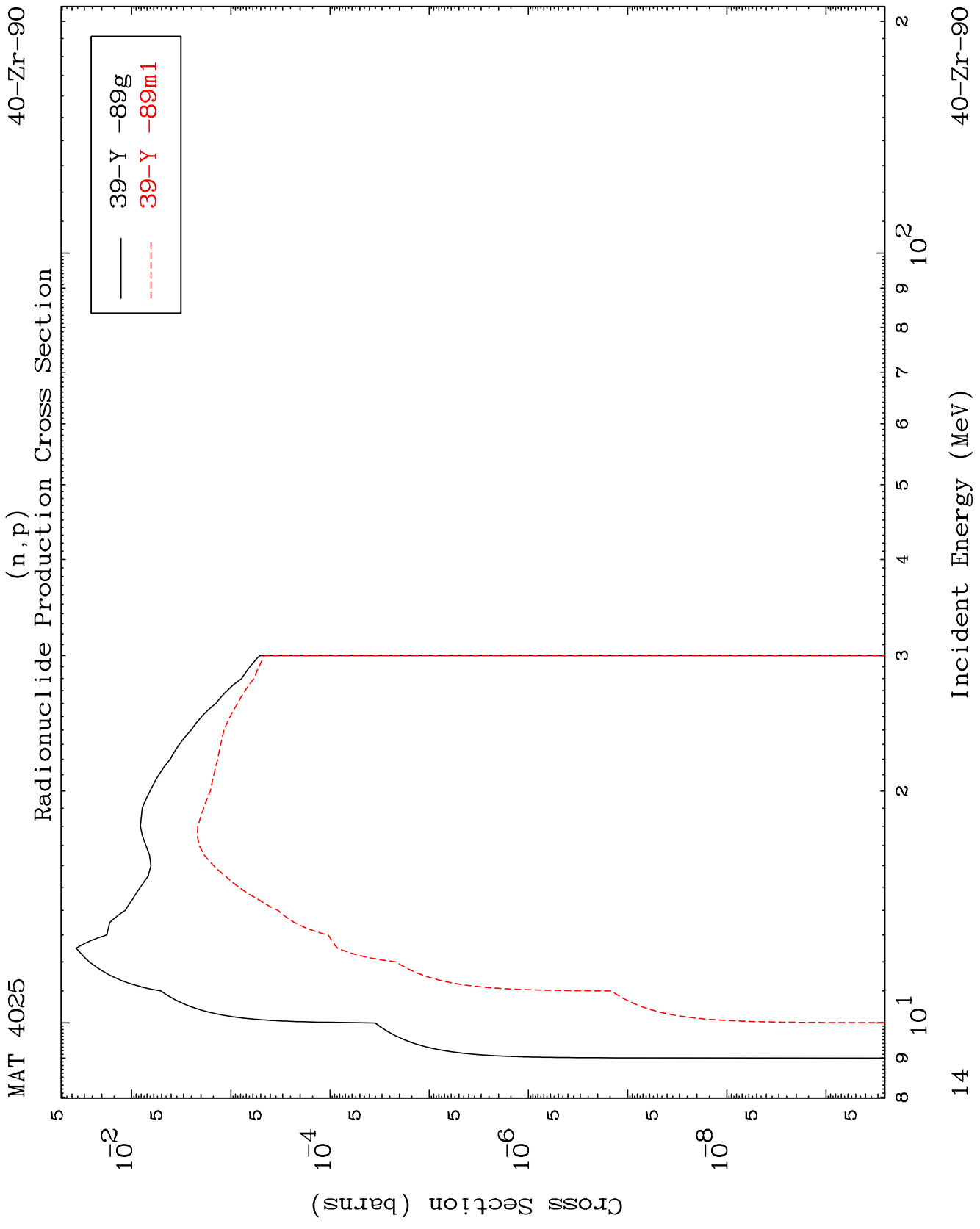


Legend:  
— 40-Zr-90g  
- - - 40-Zr-90m3

Incident Energy (MeV)

40-Zr-90

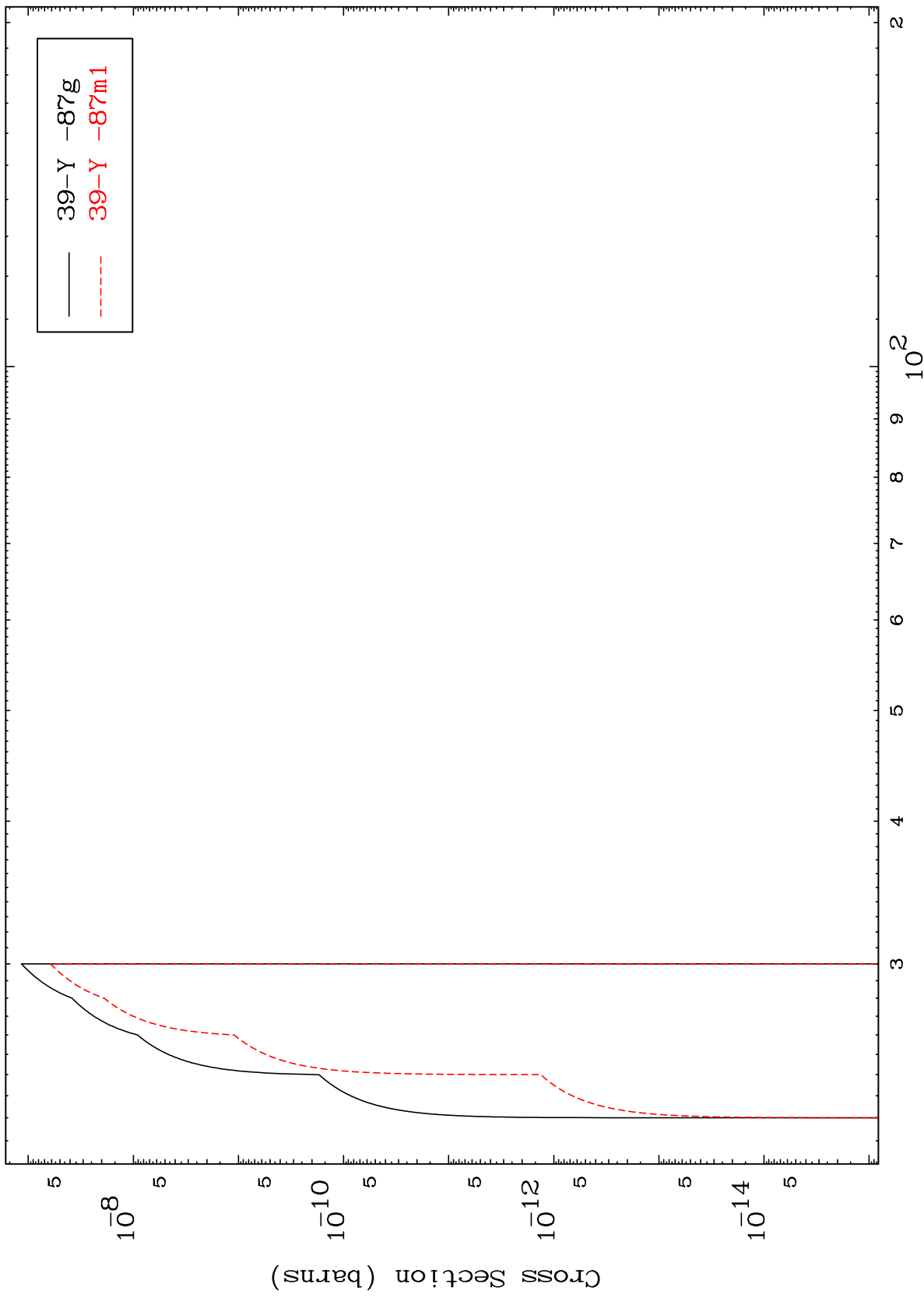
13



MAT 4025

40-Zr-90

(n,t)  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

40-Zr-90