

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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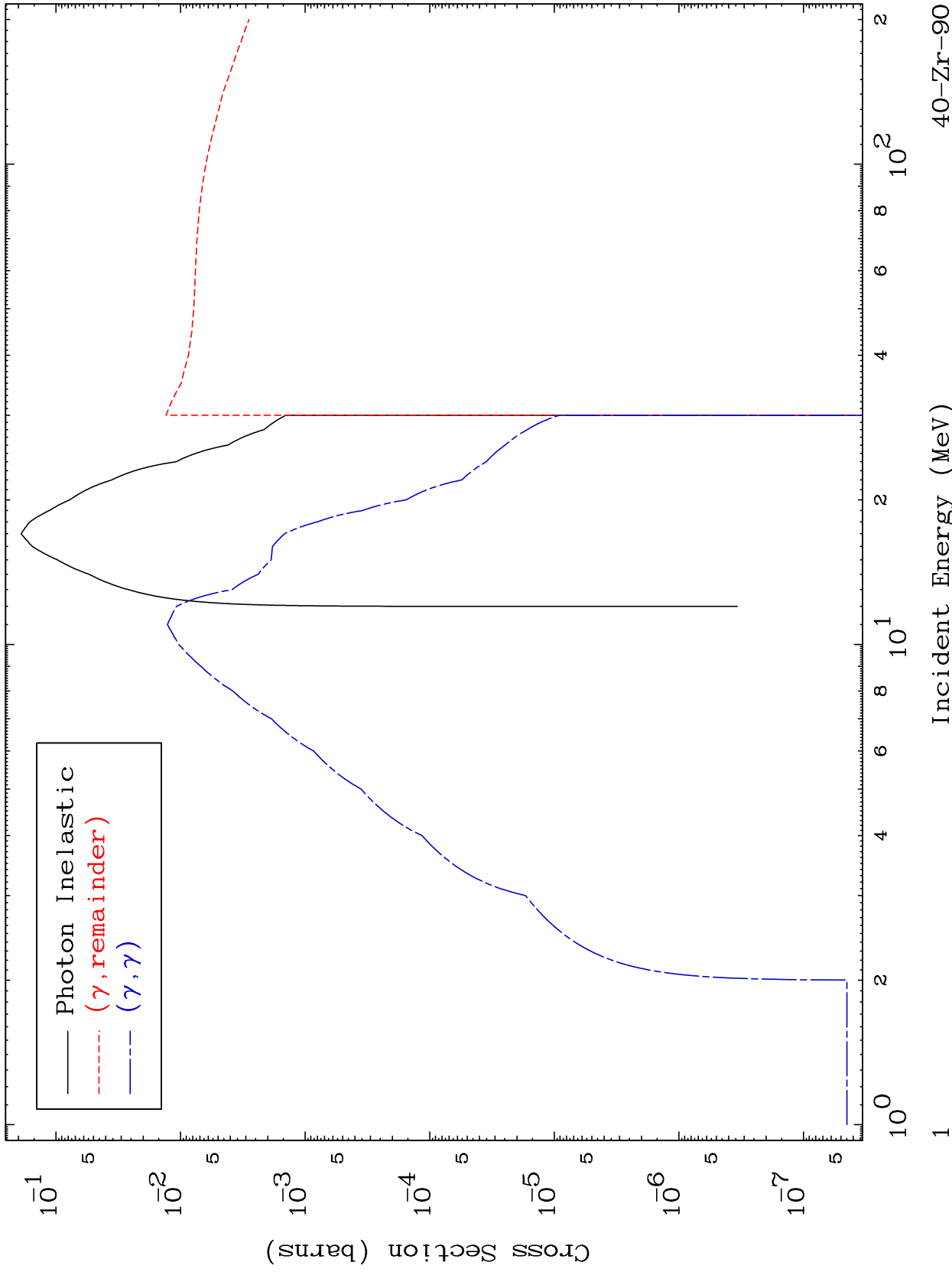
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4025

Photon Major  
0 Kelvin Cross Sections

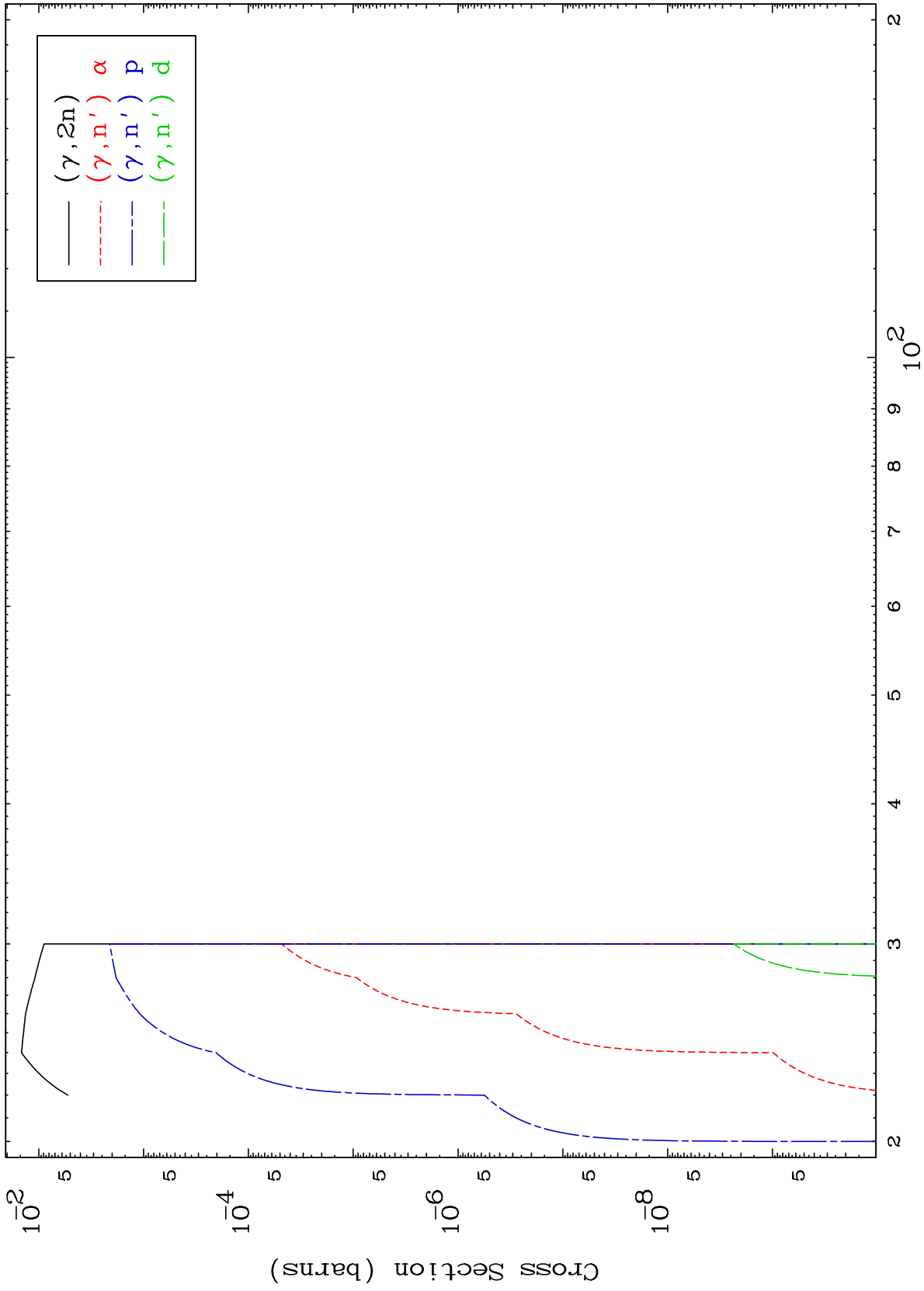
40-Zr-90



MAT 4025

Photon Neutron Production  
0 Kelvin Cross Sections

40-Zr-90



2

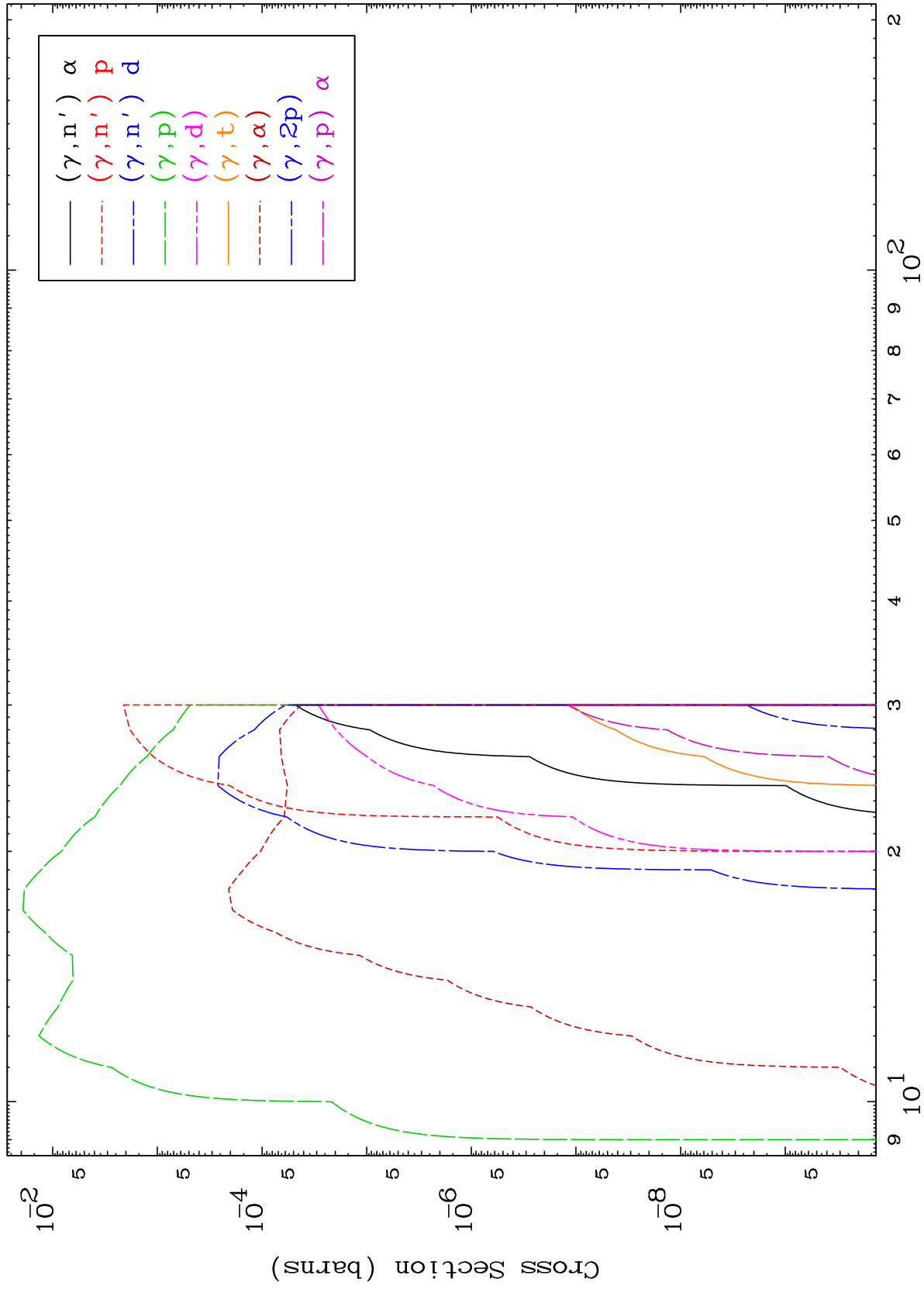
Incident Energy (MeV)

40-Zr-90

MAT 4025

Photon Charged Particle  
0 Kelvin Cross Sections

40-Zr-90



40-Zr-90

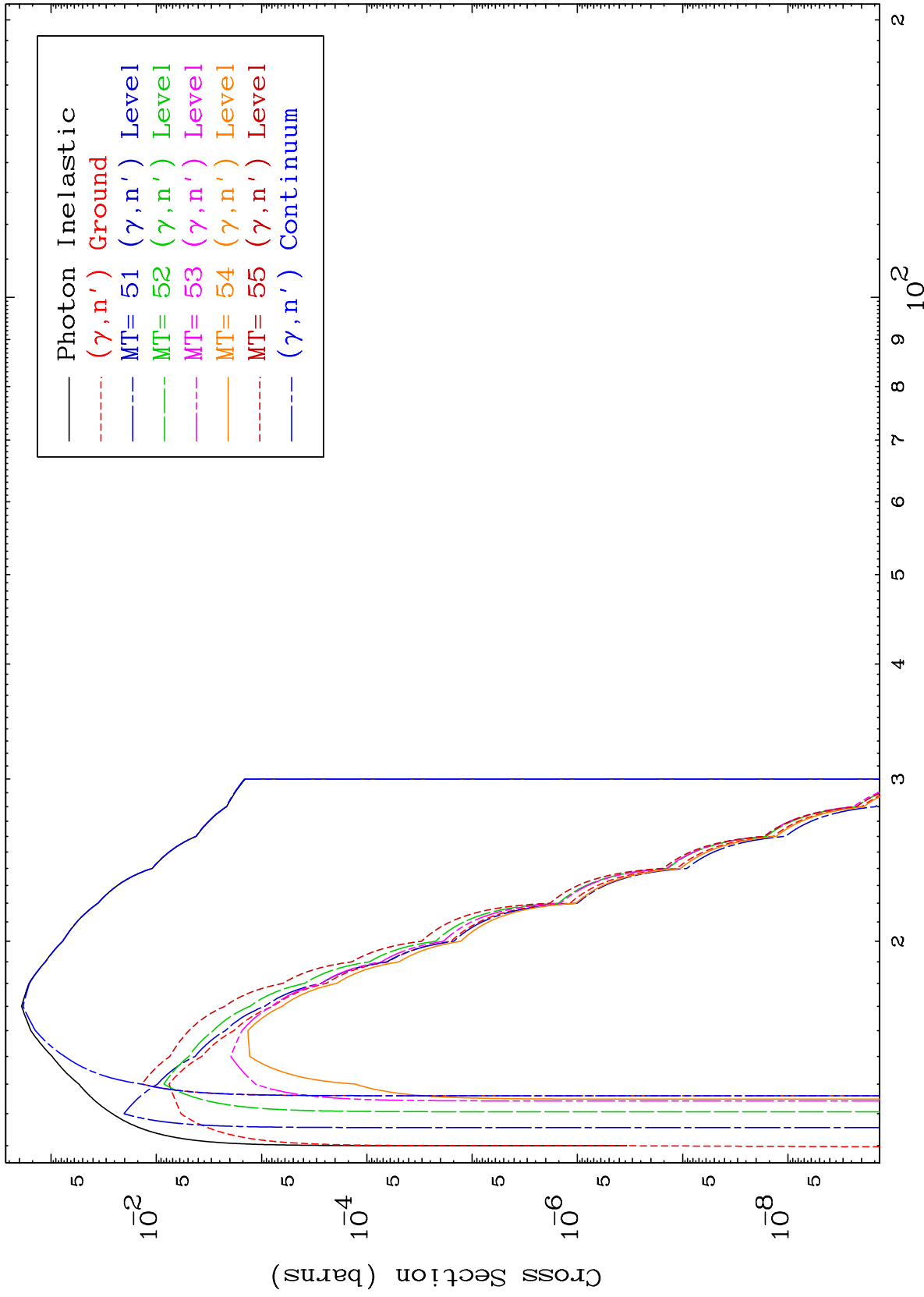
Incident Energy (MeV)

3

MAT 4025

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

40-Zr-90



4

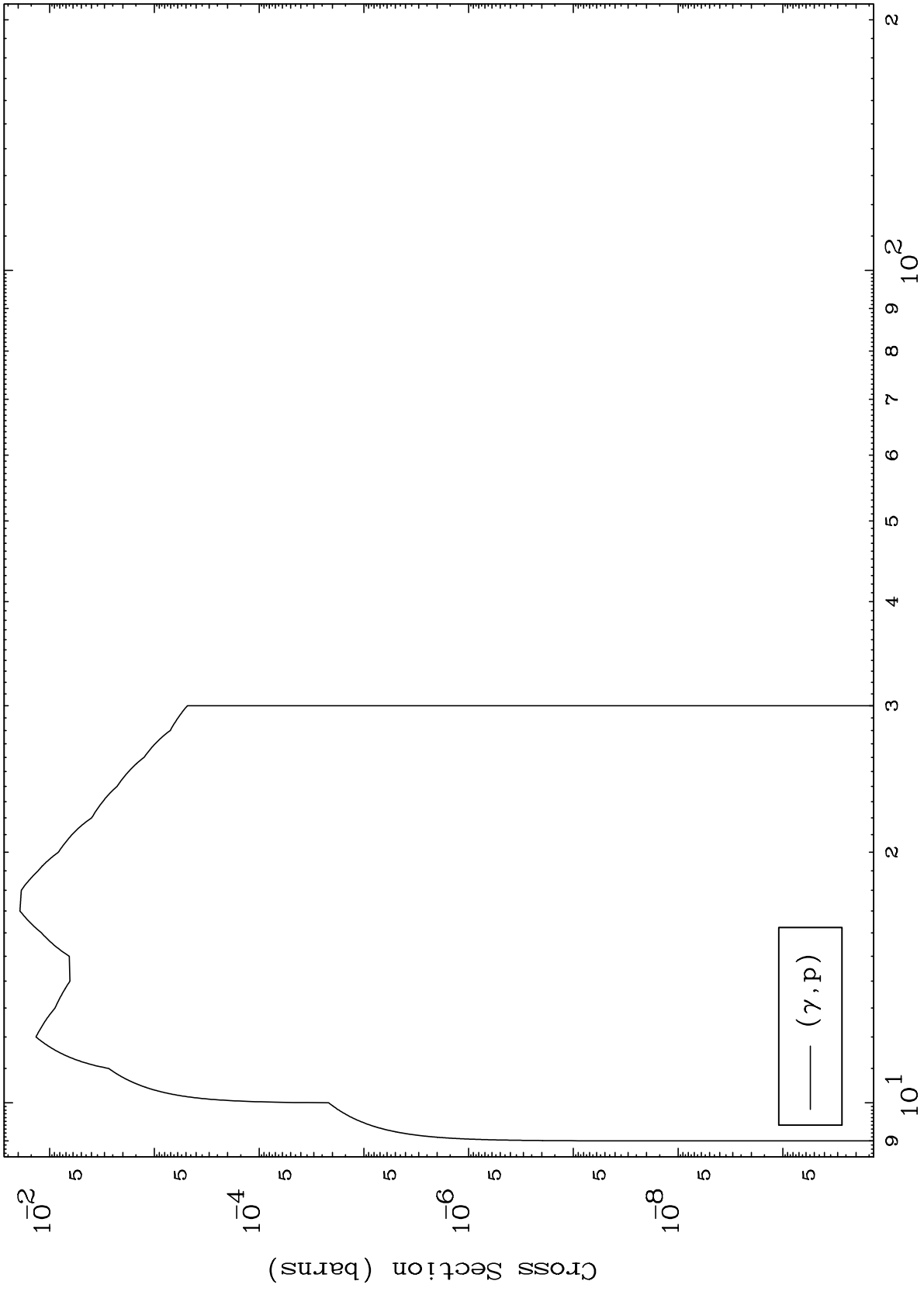
Incident Energy (MeV)

40-Zr-90

MAT 4025

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

40-Zr-90



40-Zr-90

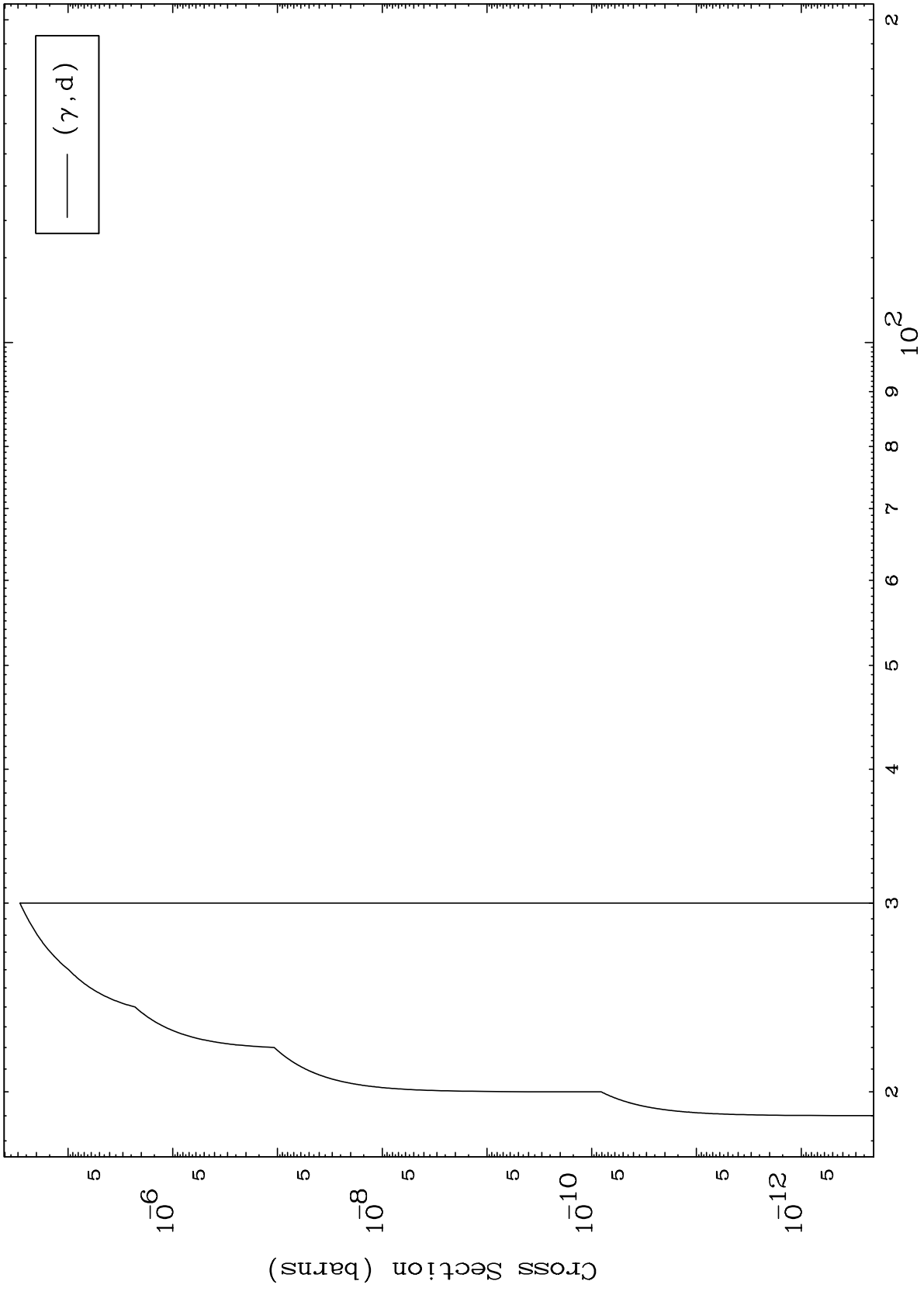
Incident Energy (MeV)

5

MAT 4025

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

40-Zr-90



6

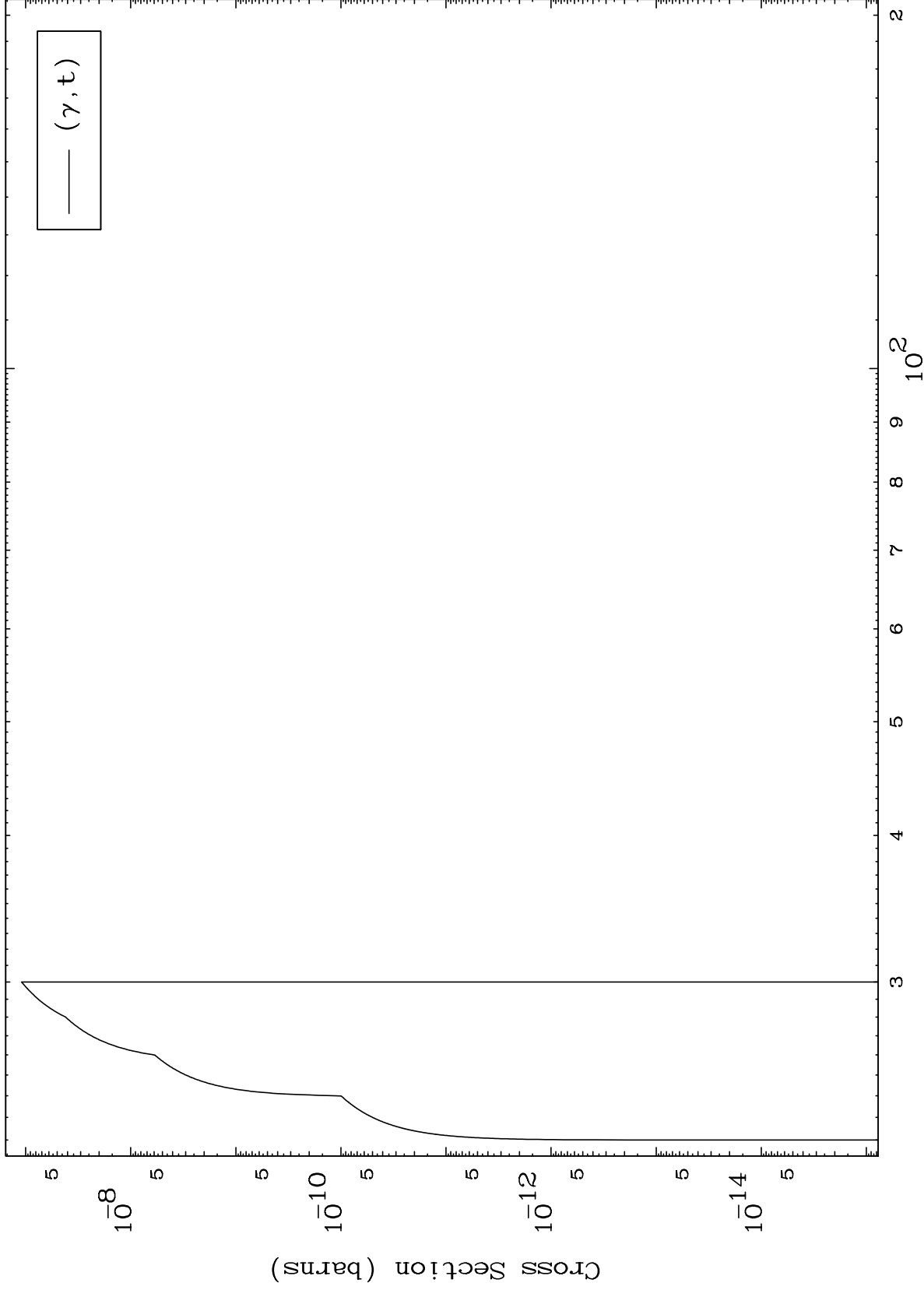
Incident Energy (MeV)

40-Zr-90

MAT 4025

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

40-Zr-90



7

Incident Energy (MeV)

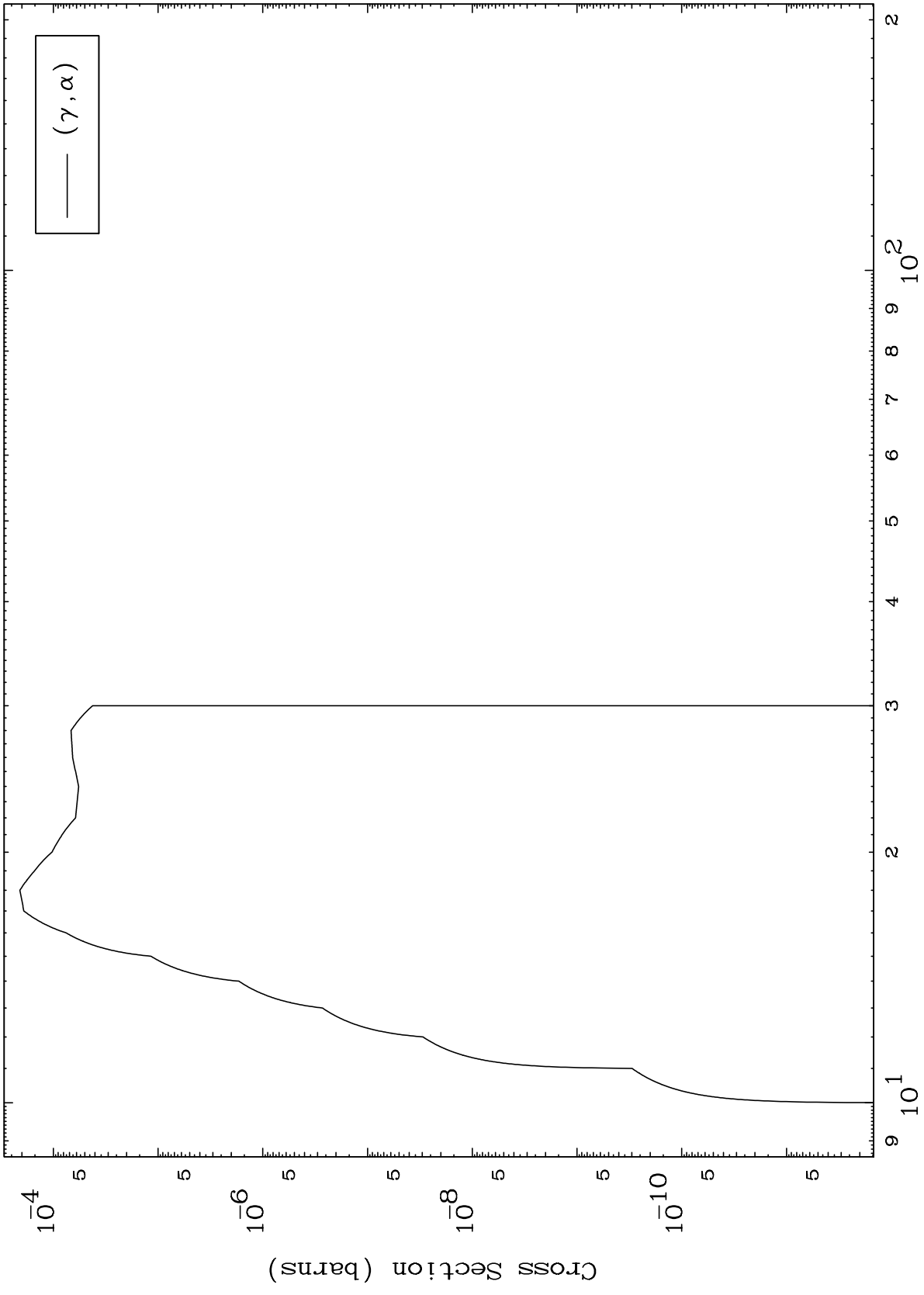
40-Zr-90



MAT 4025

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

40-Zr-90



8

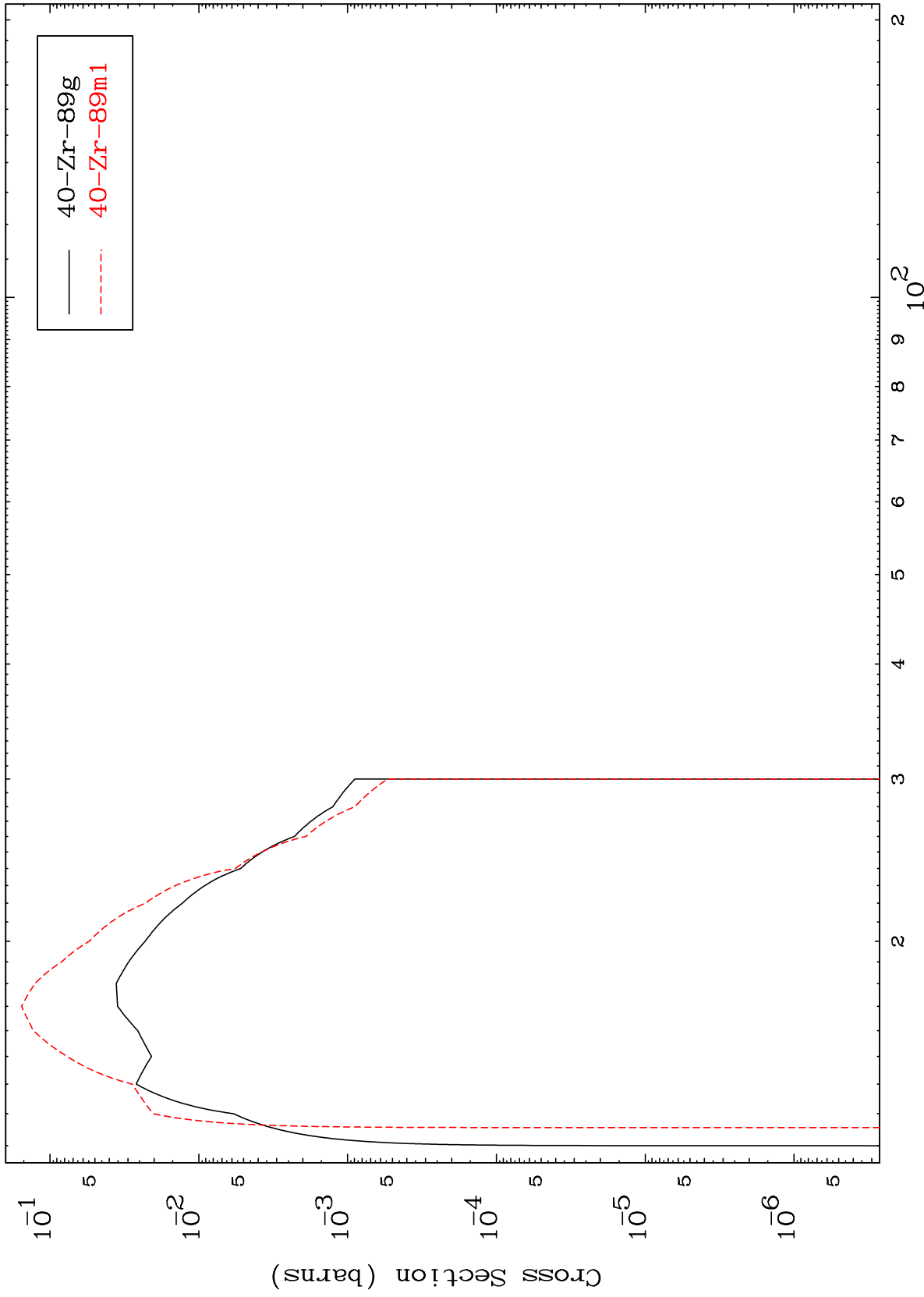
Incident Energy (MeV)

40-Zr-90

MAT 4025

Photon Inelastic  
Radionuclide Production Cross Section

40-Zr-90



9

Incident Energy (MeV)

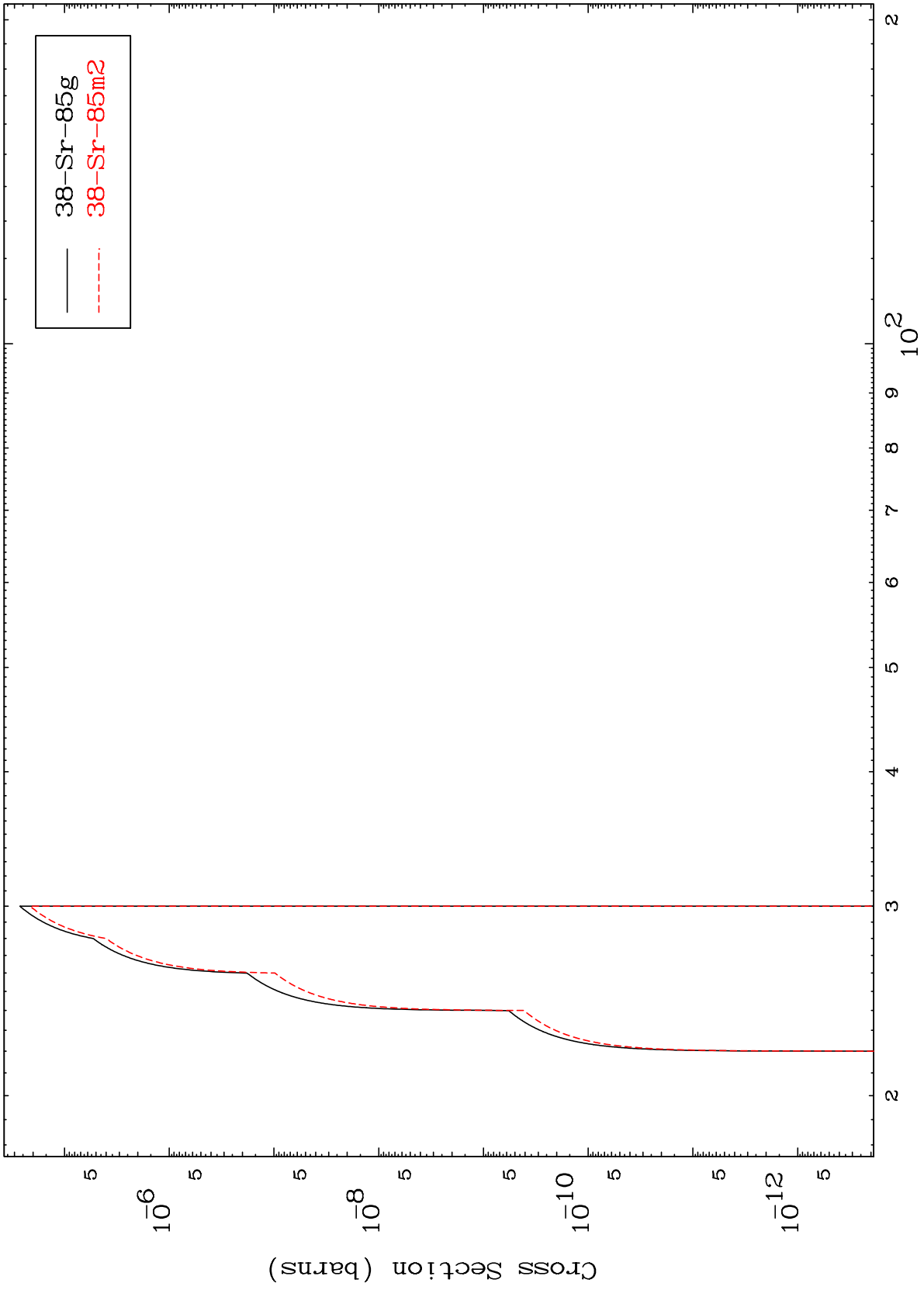
40-Zr-90

MAT 4025

$(\gamma, n')$   $\alpha$

40-Zr-90

Radionuclide Production Cross Section



10

Incident Energy (MeV)

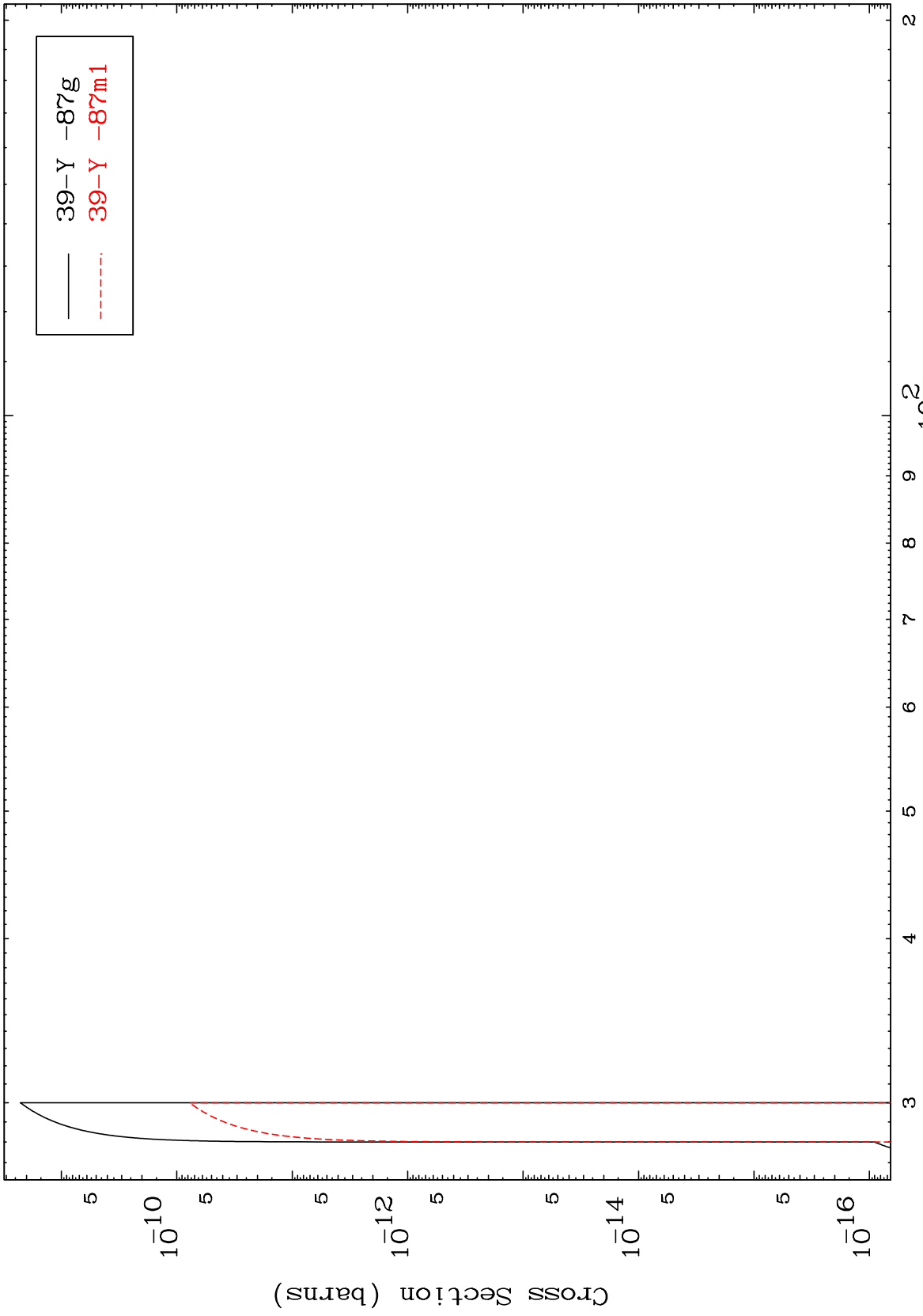
40-Zr-90

MAT 4025

( $\gamma, n'$ ) d

40-Zr-90

Radionuclide Production Cross Section



11

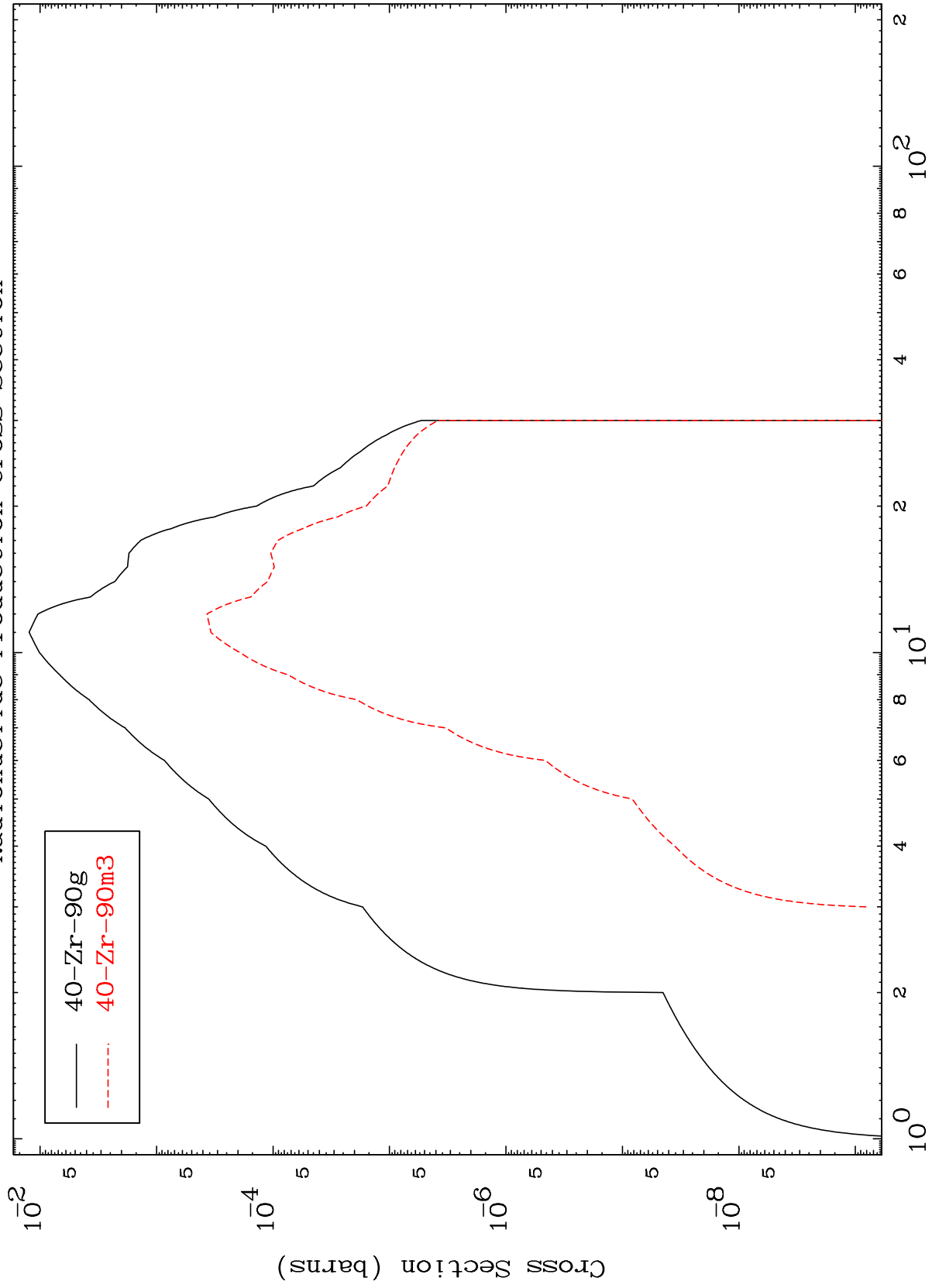
Incident Energy (MeV)

40-Zr-90

MAT 4025

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

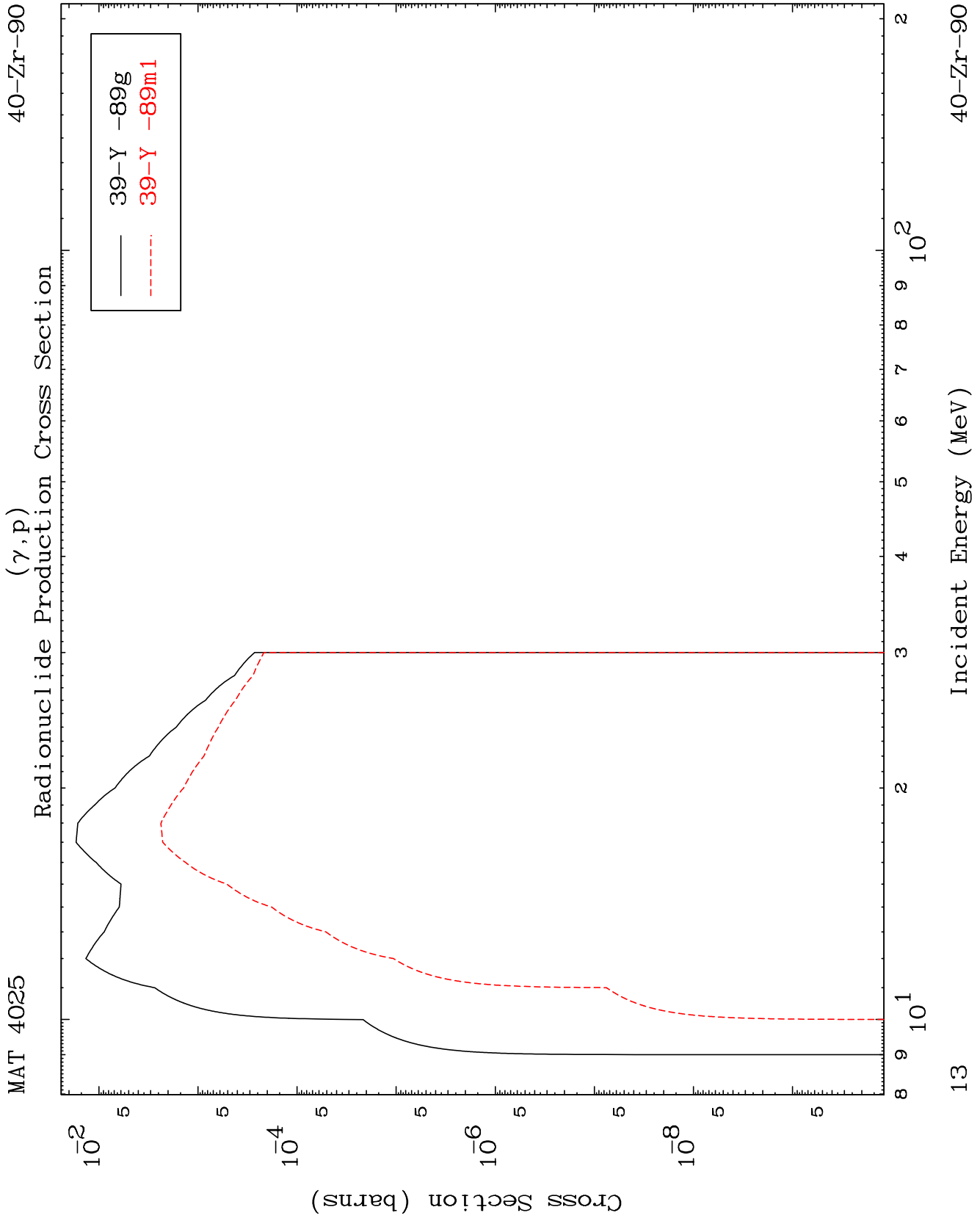
40-Zr-90



— 40-Zr-90g  
- - - 40-Zr-90m3

Incident Energy (MeV)

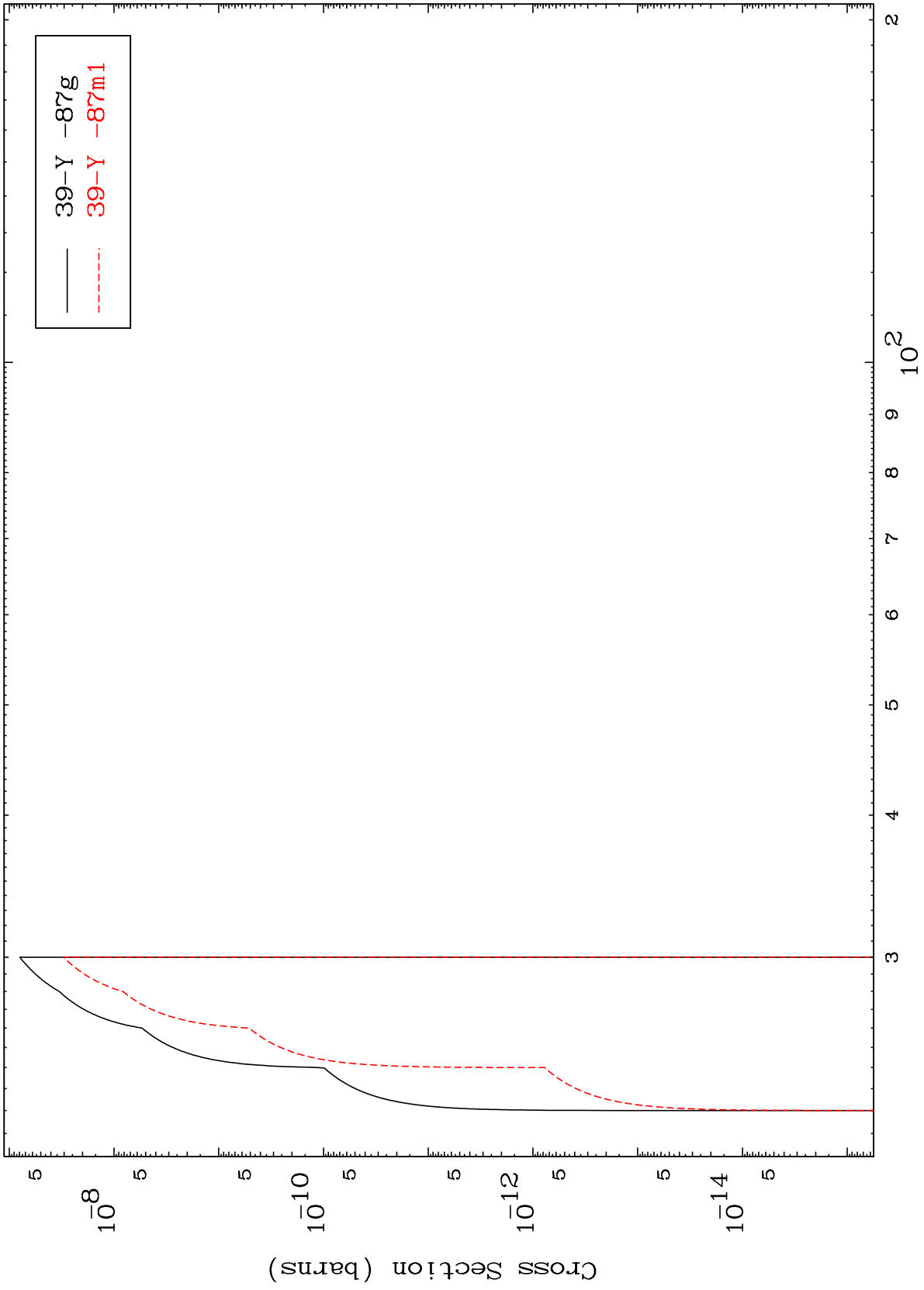
40-Zr-90



MAT 4025

40-Zr-90

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



14

Incident Energy (MeV)

40-Zr-90