

Program EVALPLOT  
(Version 2017-1)

by

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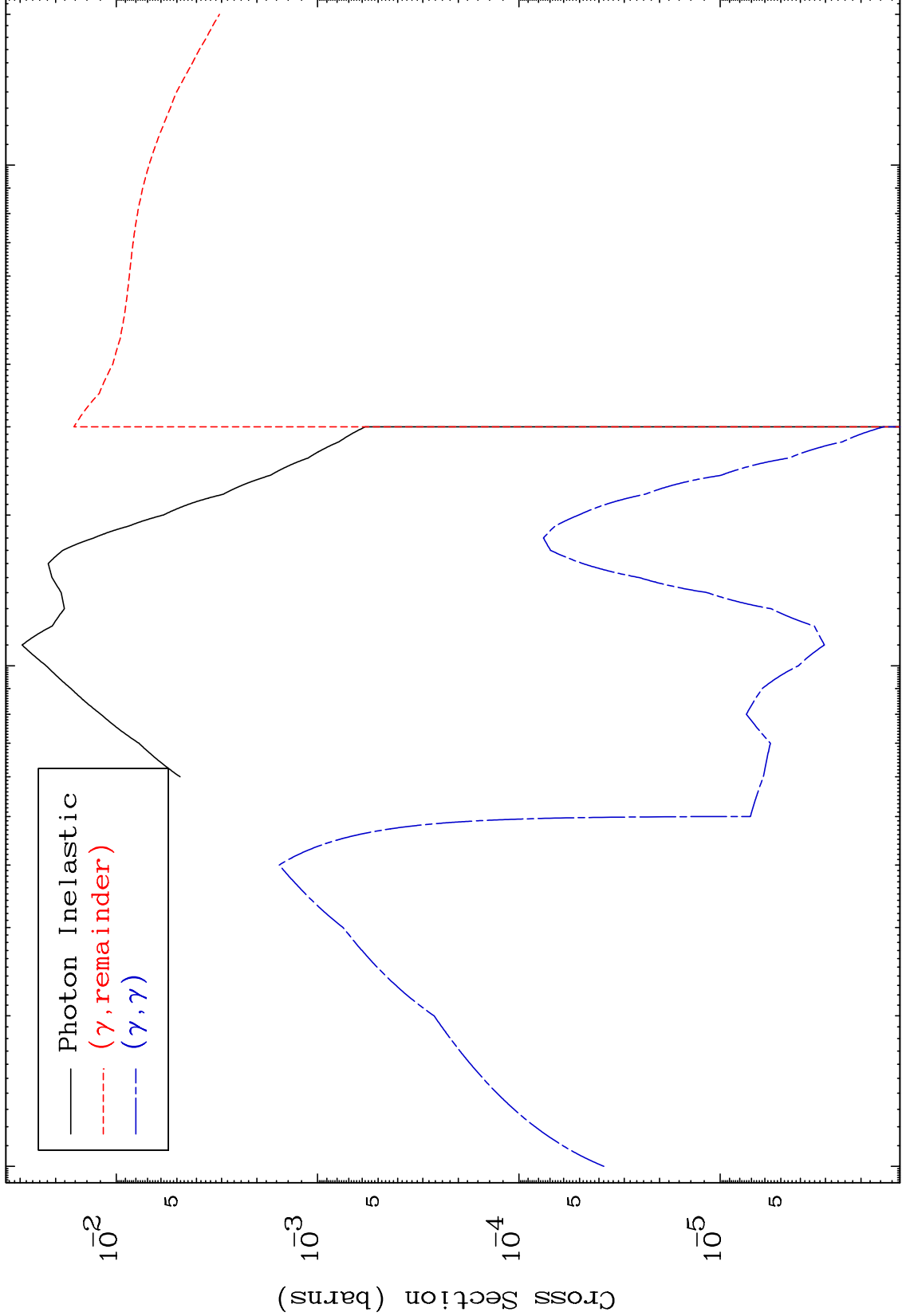
Press Mouse Button to Start

MAT 4052

Photon Major

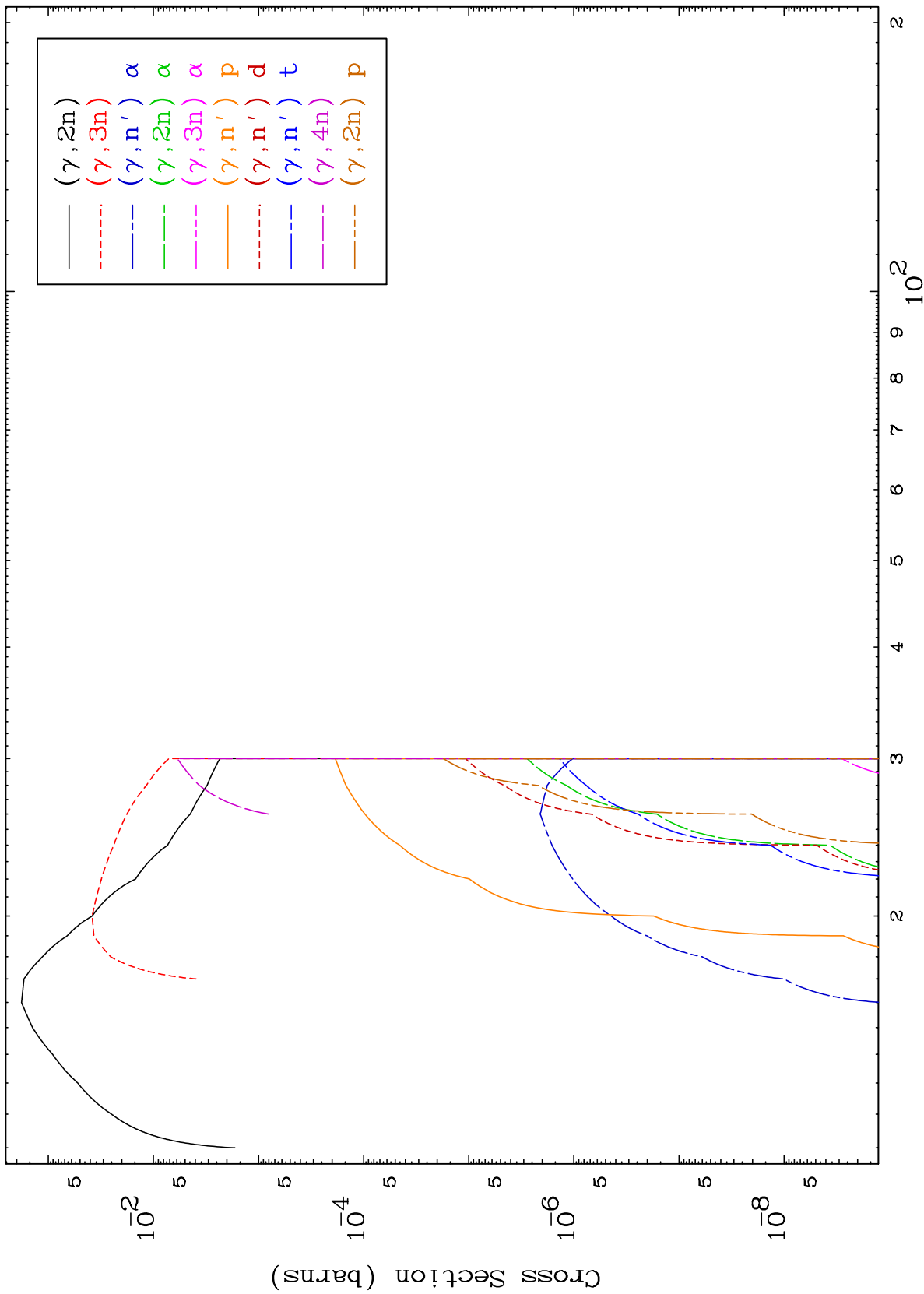
40-Zr-99

0 Kelvin Cross Sections



— Photon Inelastic  
- - - ( $\gamma$ , remainder)  
- . - ( $\gamma$ ,  $\gamma$ )

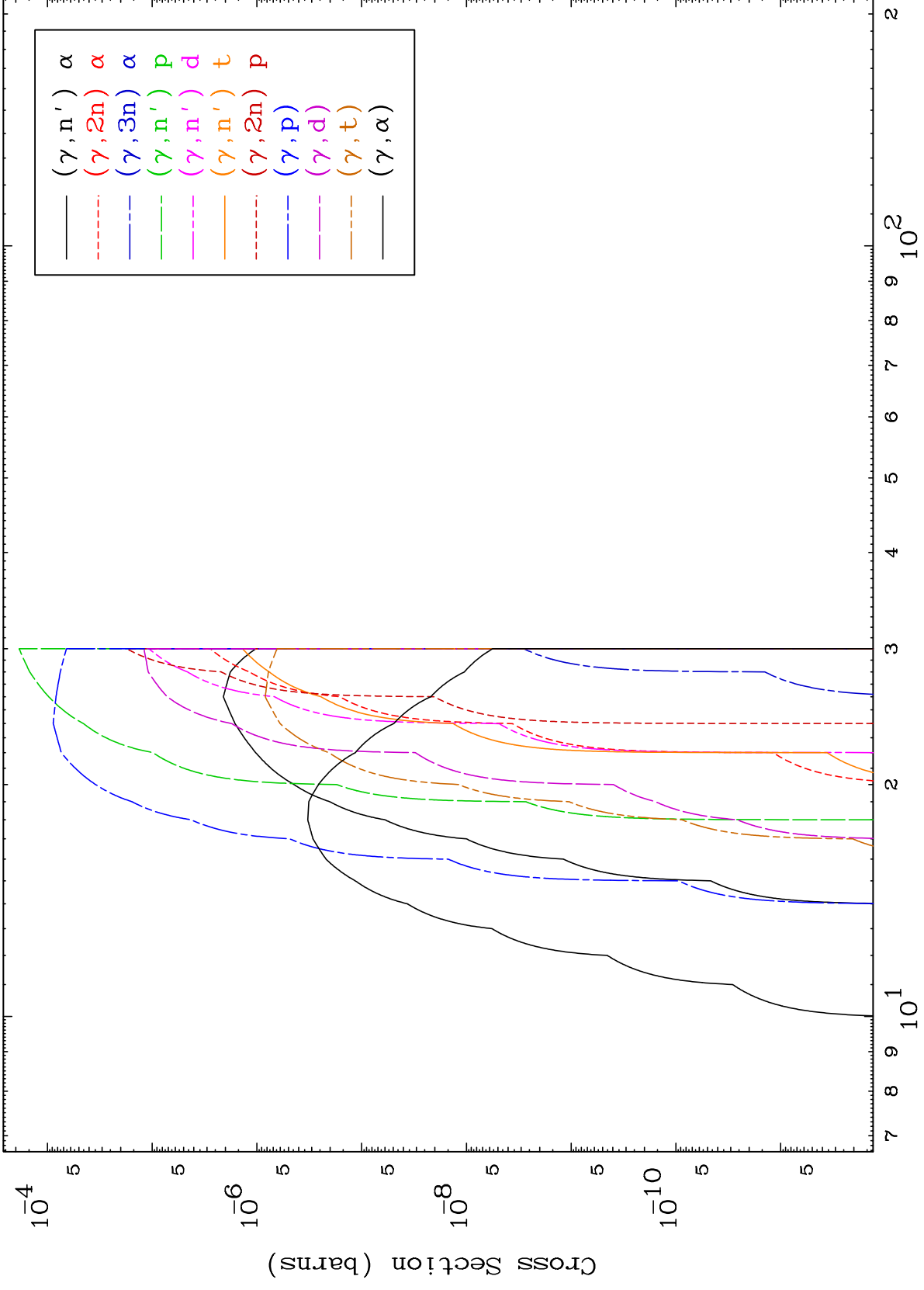
10<sup>-2</sup> 5  
10<sup>-3</sup> 5  
10<sup>-4</sup> 5  
10<sup>-5</sup> 5  
10<sup>0</sup> 1  
2 4 6 8 10<sup>1</sup> 2 4 6 8 10<sup>2</sup> 2  
Incident Energy (MeV) 40-Zr-99



MAT 4052

Photon Charged Particle  
0 Kelvin Cross Sections

40-Zr-99



40-Zr-99

Incident Energy (MeV)

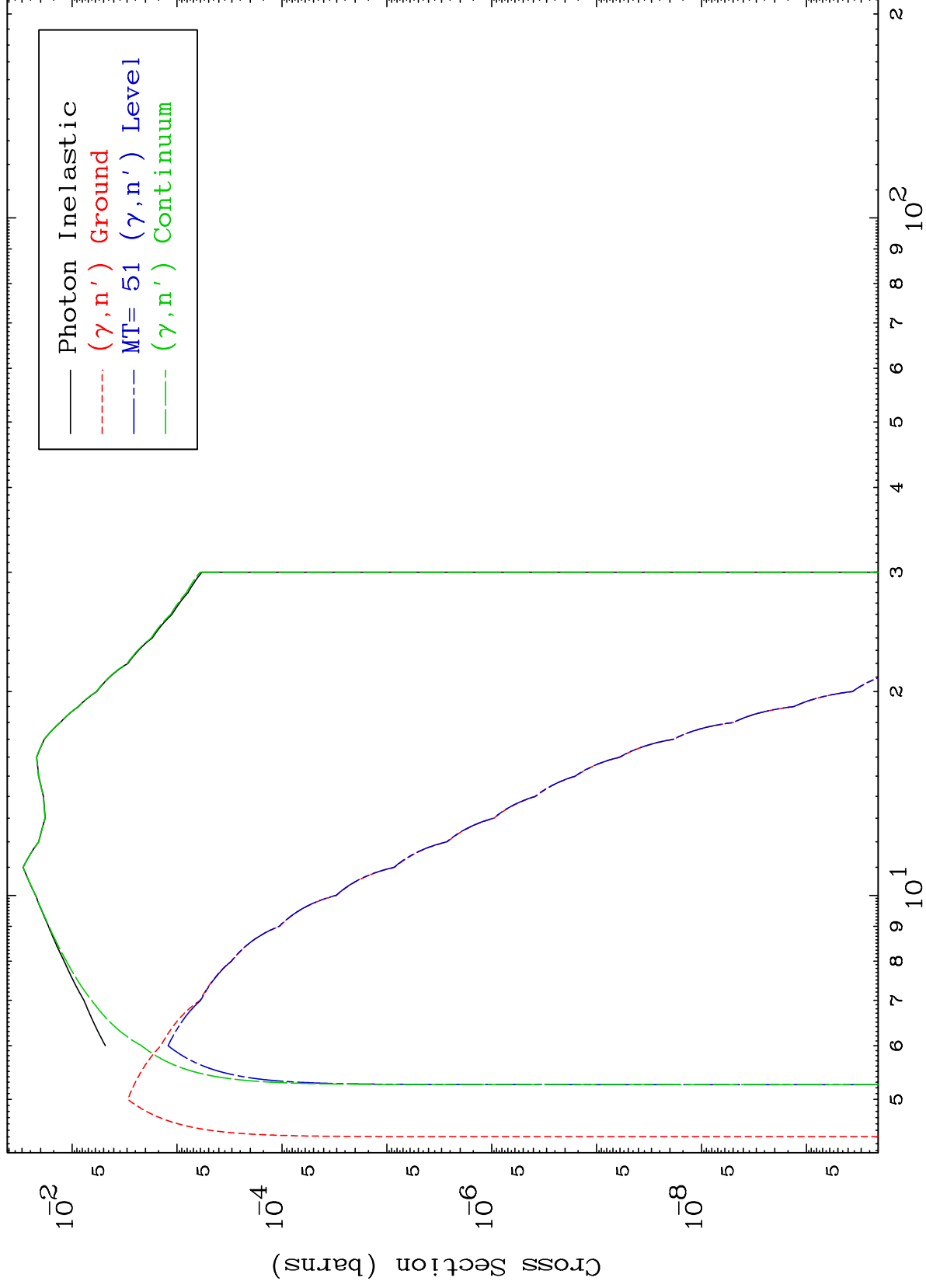
3

MAT 4052

( $\gamma, n'$ ) Level

40-Zr-99

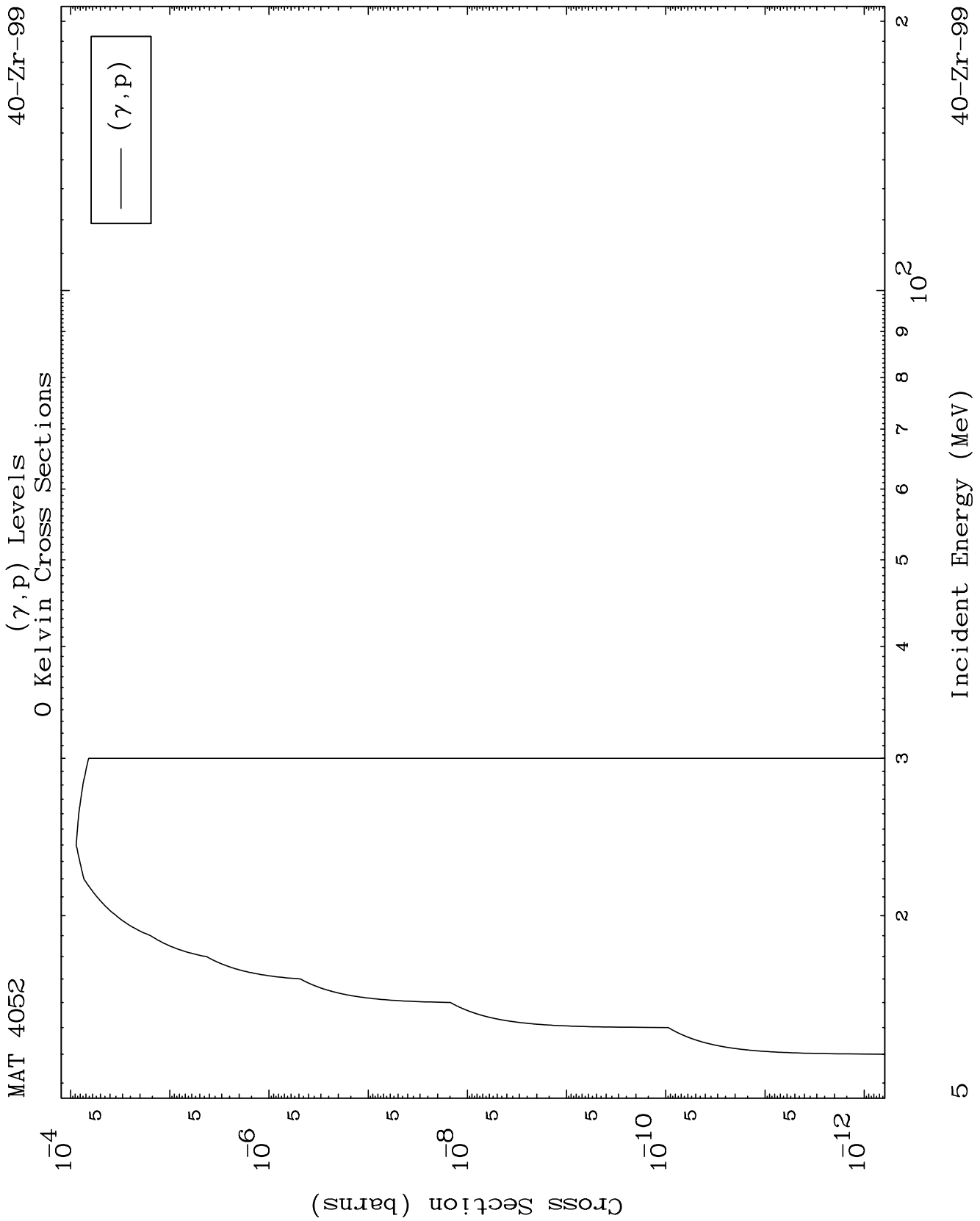
0 Kelvin Cross Sections



Incident Energy (MeV)

40-Zr-99

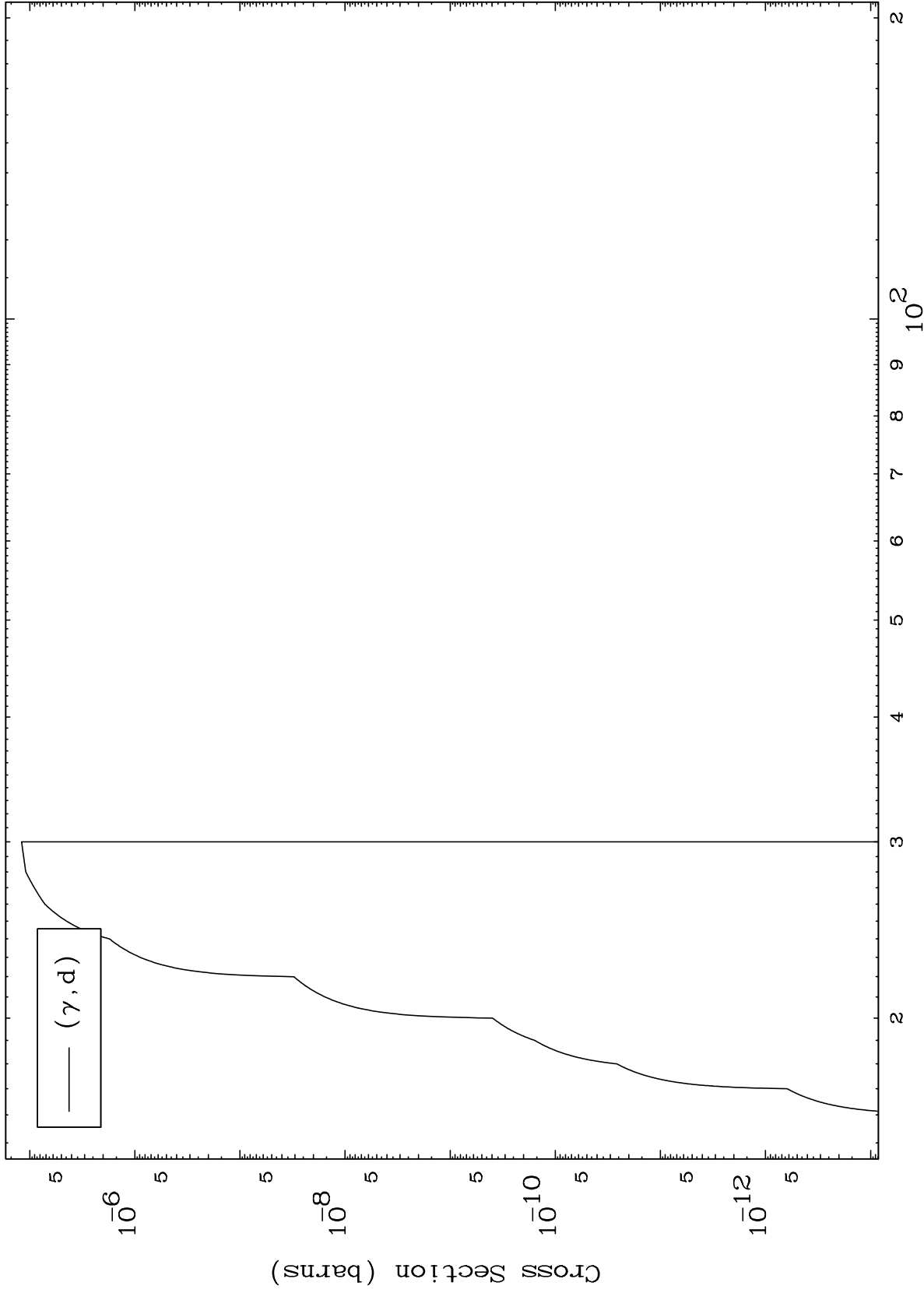
4



MAT 4052

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

40-Zr-99



6

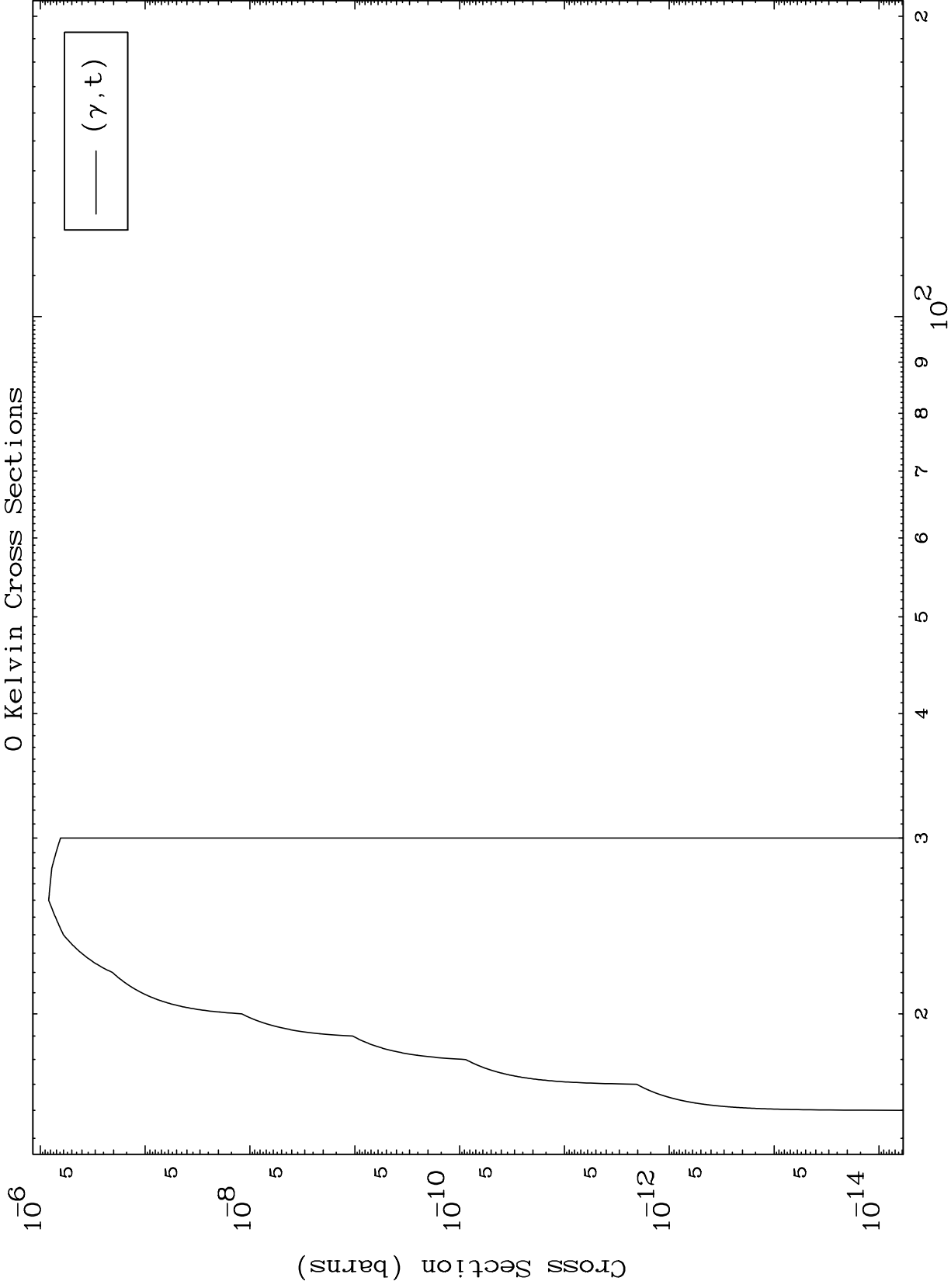
Incident Energy (MeV)

40-Zr-99

MAT 4052

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

40-Zr-99



7

Incident Energy (MeV)

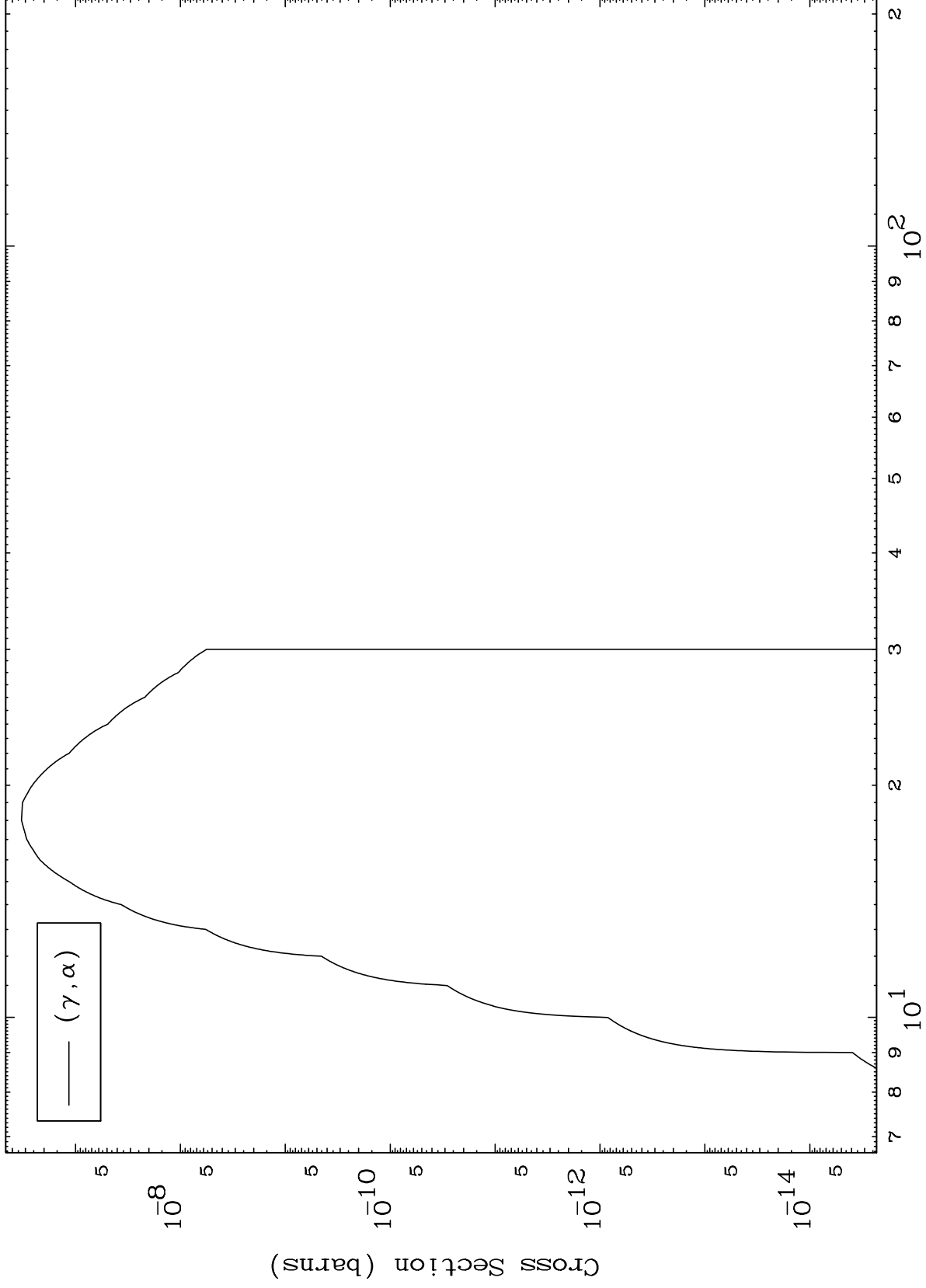
40-Zr-99



MAT 4052

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

40-Zr-99



8

Incident Energy (MeV)

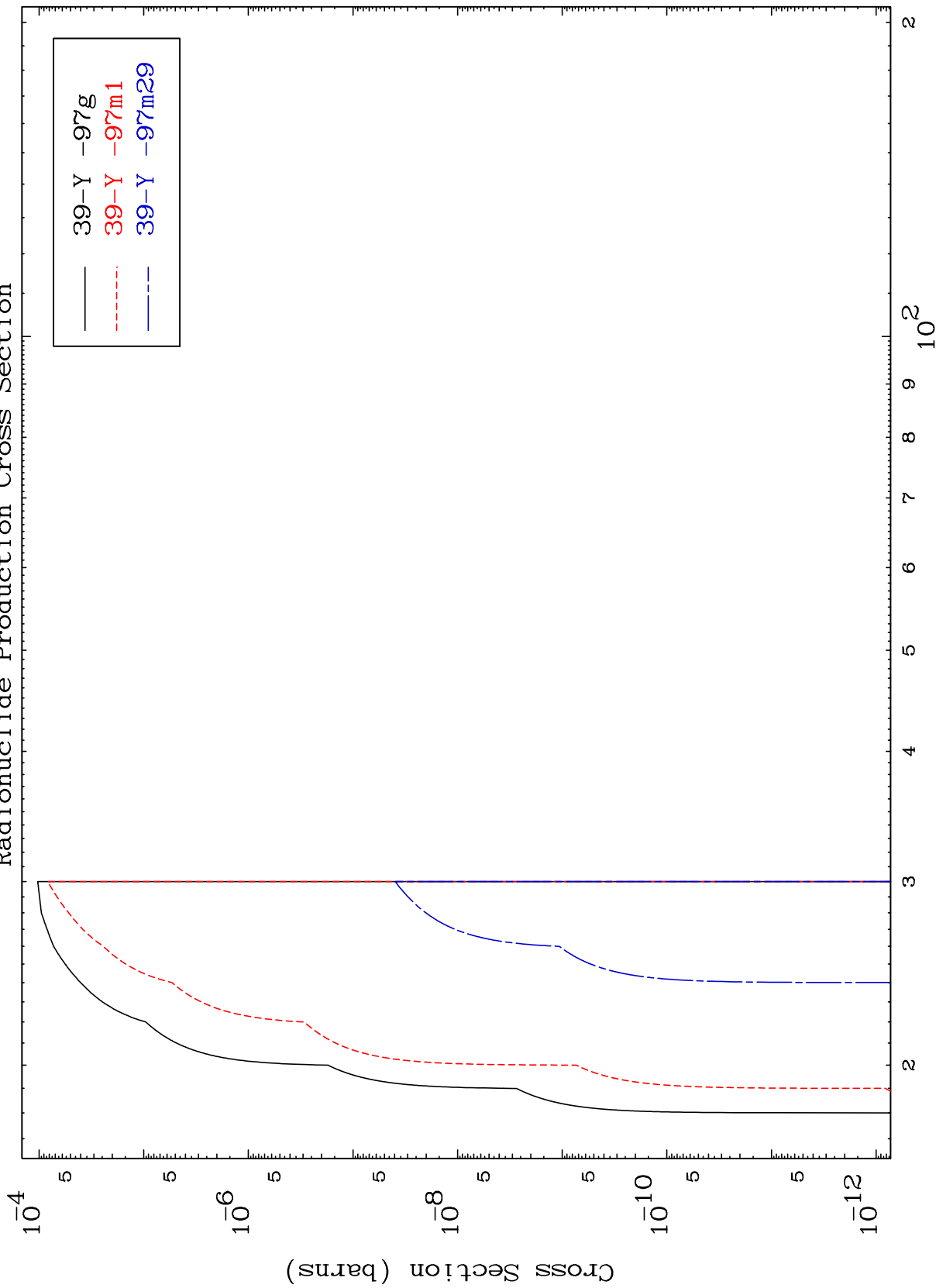
40-Zr-99

MAT 4052

$(\gamma, n')$  p

40-Zr-99

Radionuclide Production Cross Section



9

Incident Energy (MeV)

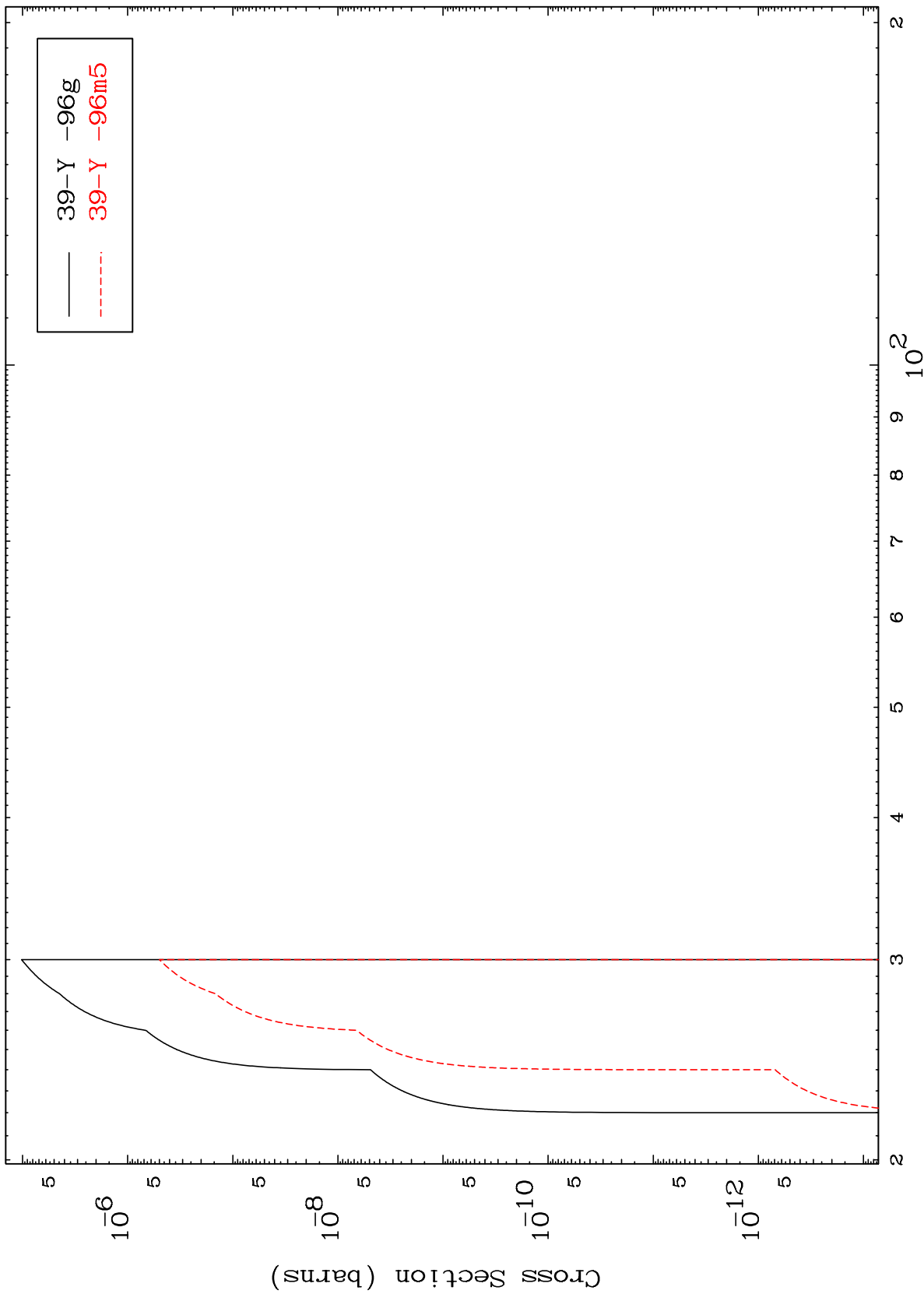
40-Zr-99

MAT 4052

( $\gamma, n'$ ) d

40-Zr-99

Radionuclide Production Cross Section



39-Y -96g  
39-Y -96m5

10

Incident Energy (MeV)

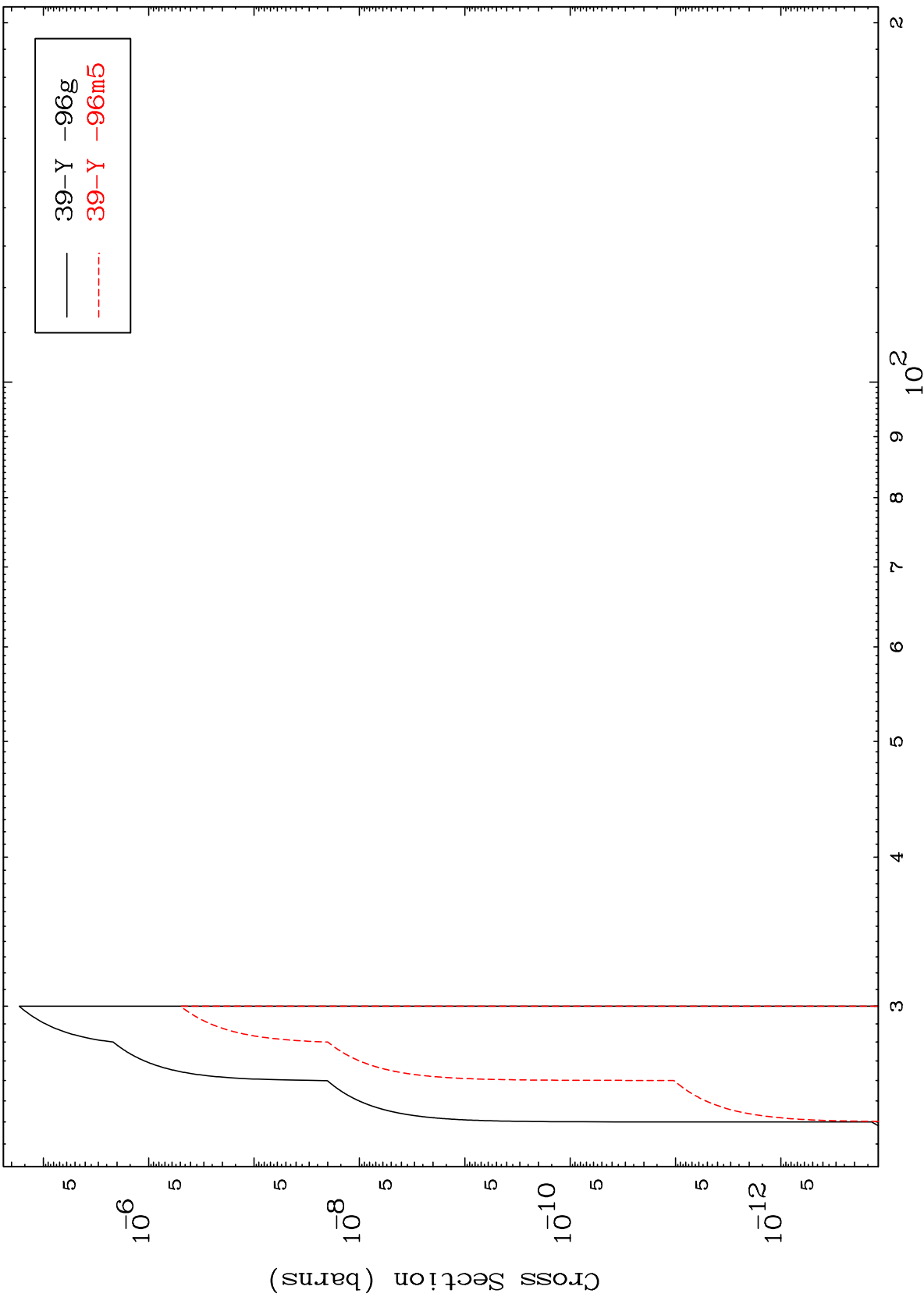
40-Zr-99

MAT 4052

( $\gamma, 2n$ ) p

40-Zr-99

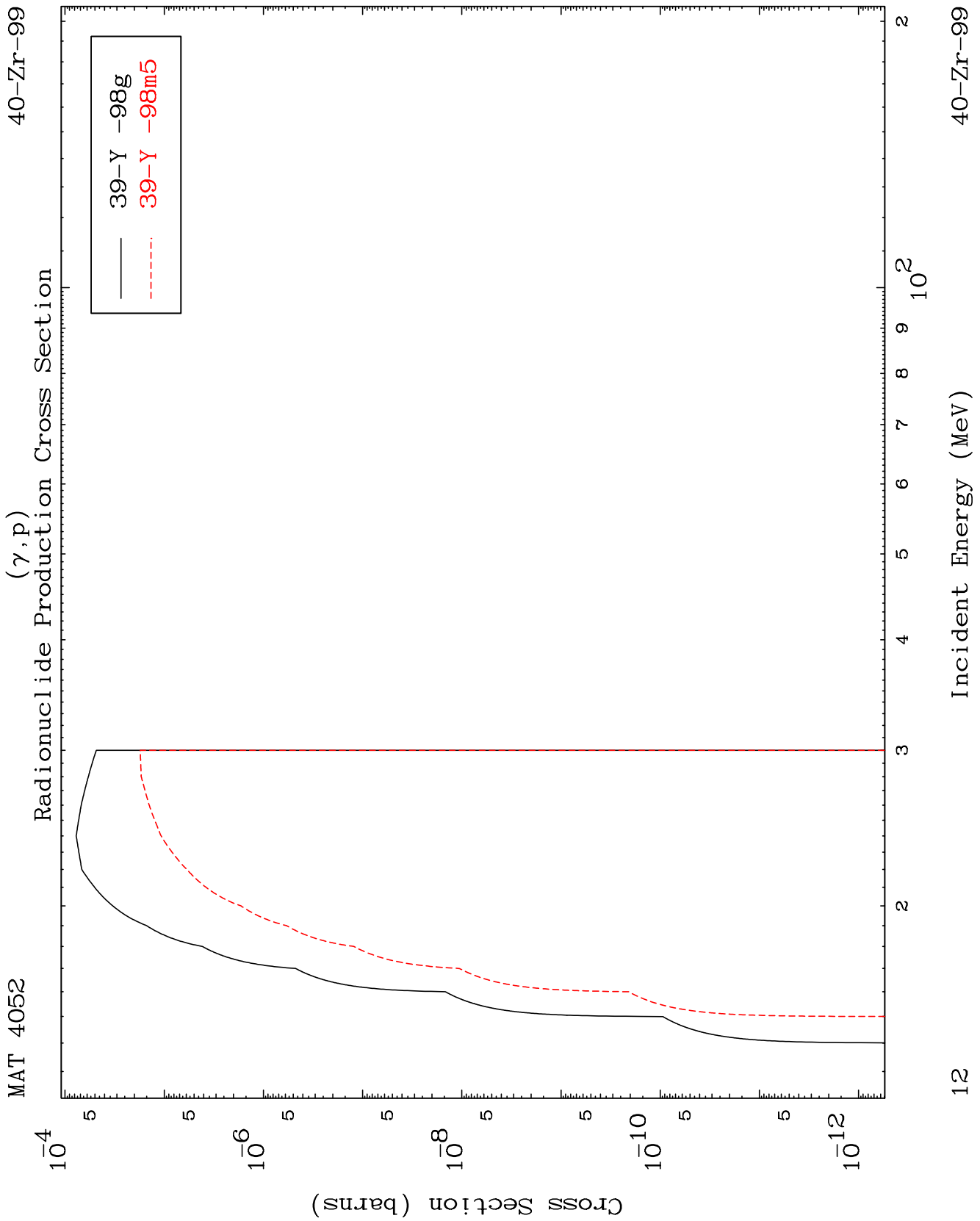
Radionuclide Production Cross Section



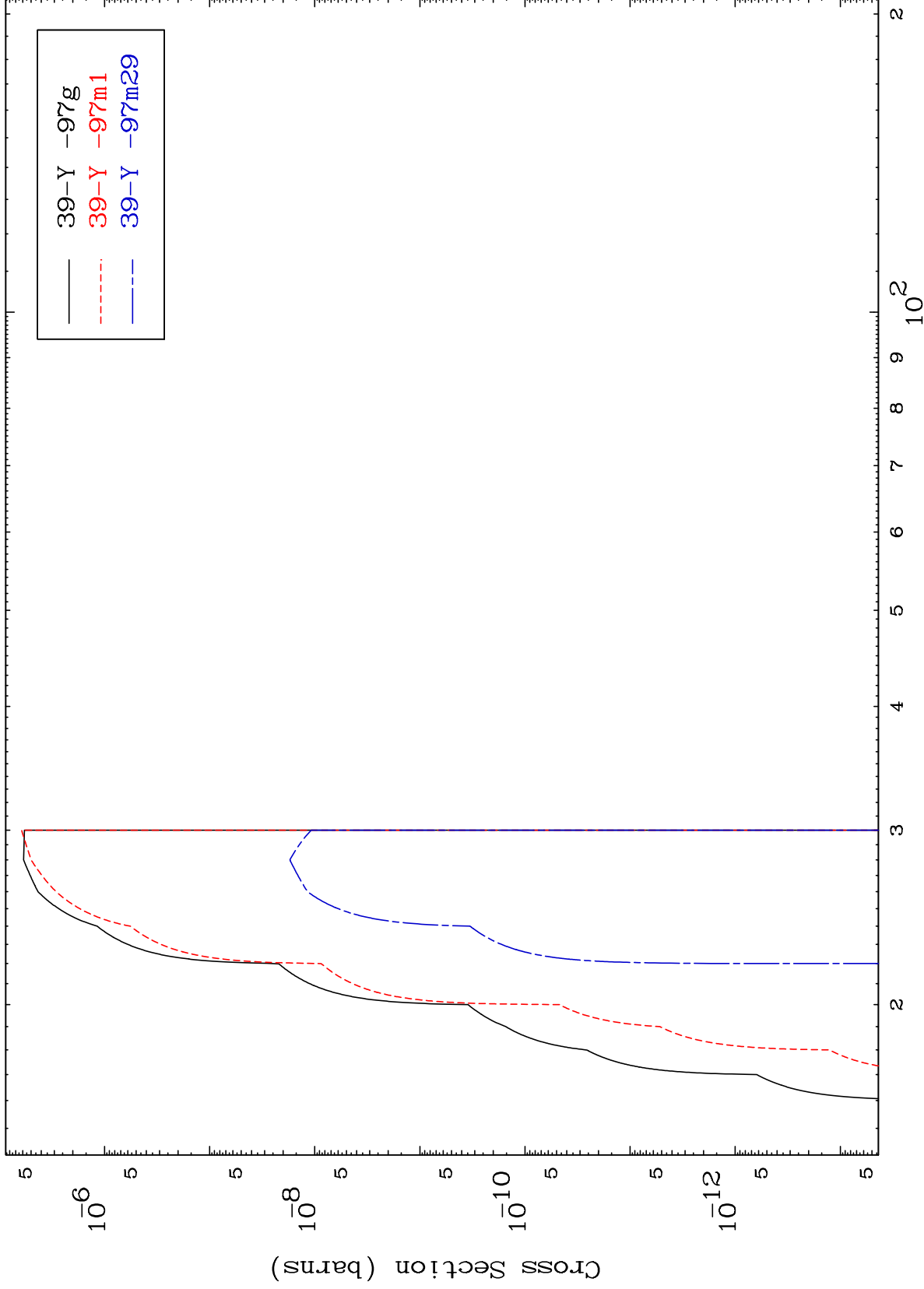
11

Incident Energy (MeV)

40-Zr-99



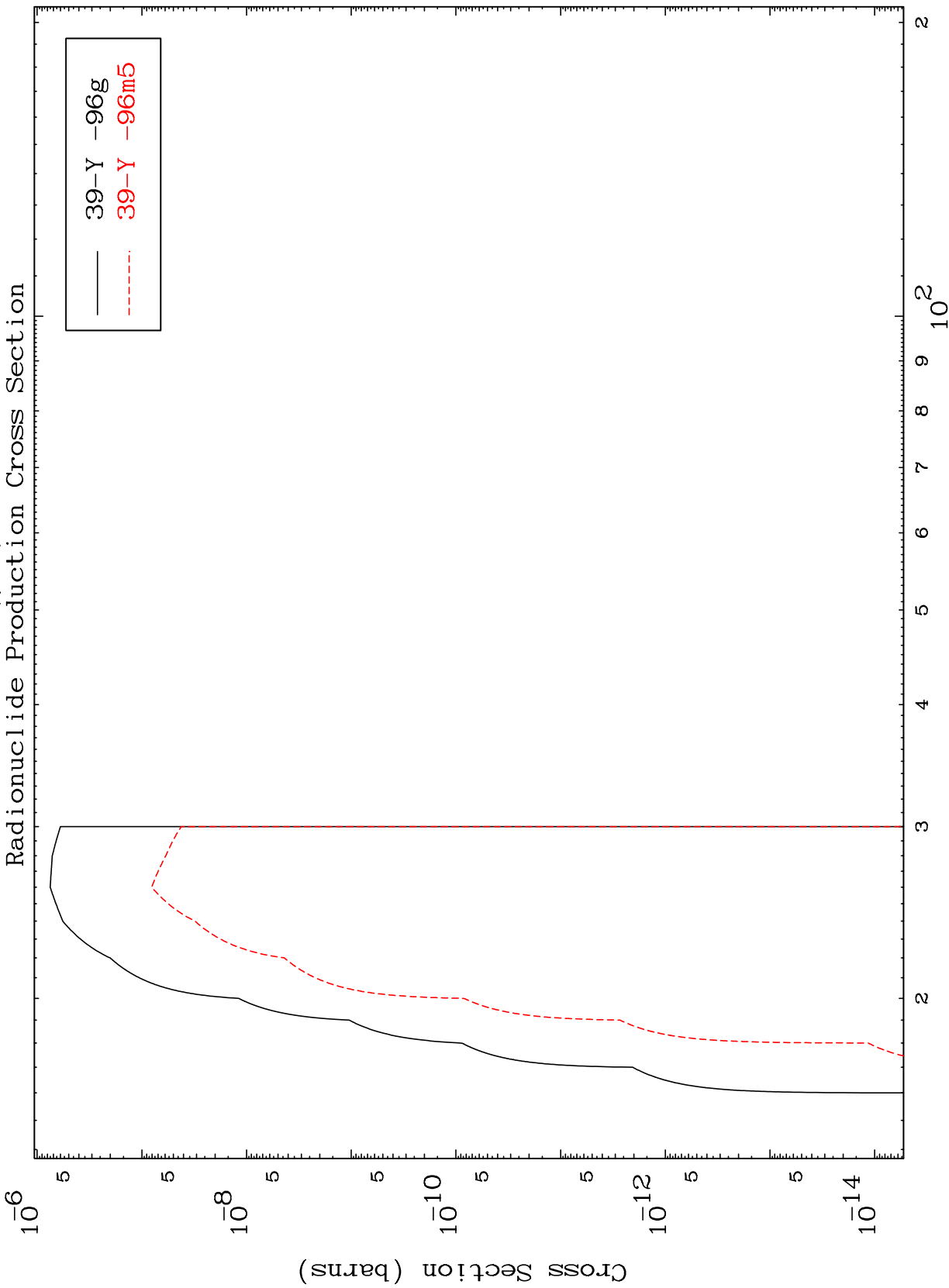
Radionuclide Production Cross Section



MAT 4052

40-Zr-99

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



40-Zr-99

Incident Energy (MeV)

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