

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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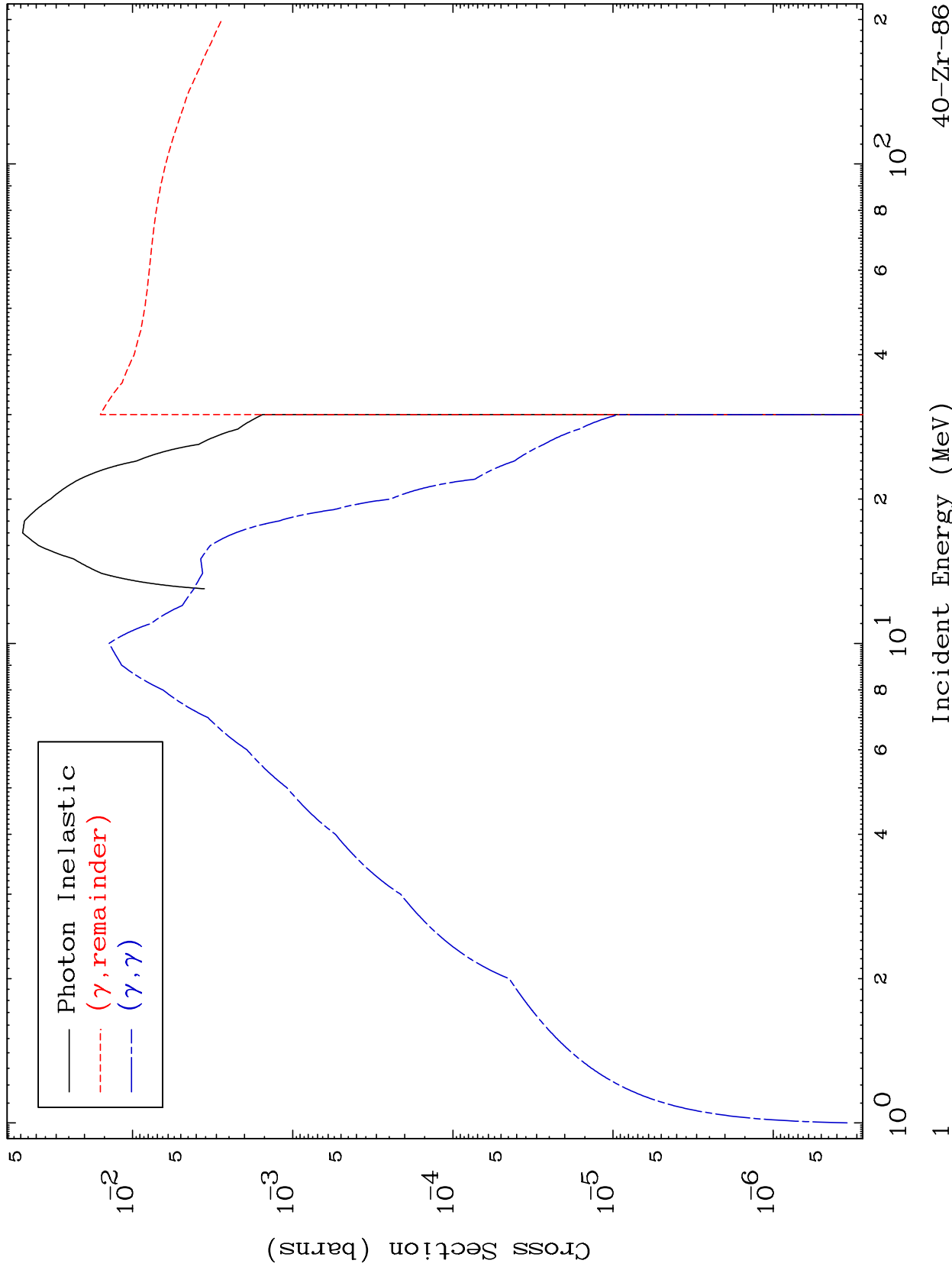
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4013

Photon Major  
0 Kelvin Cross Sections

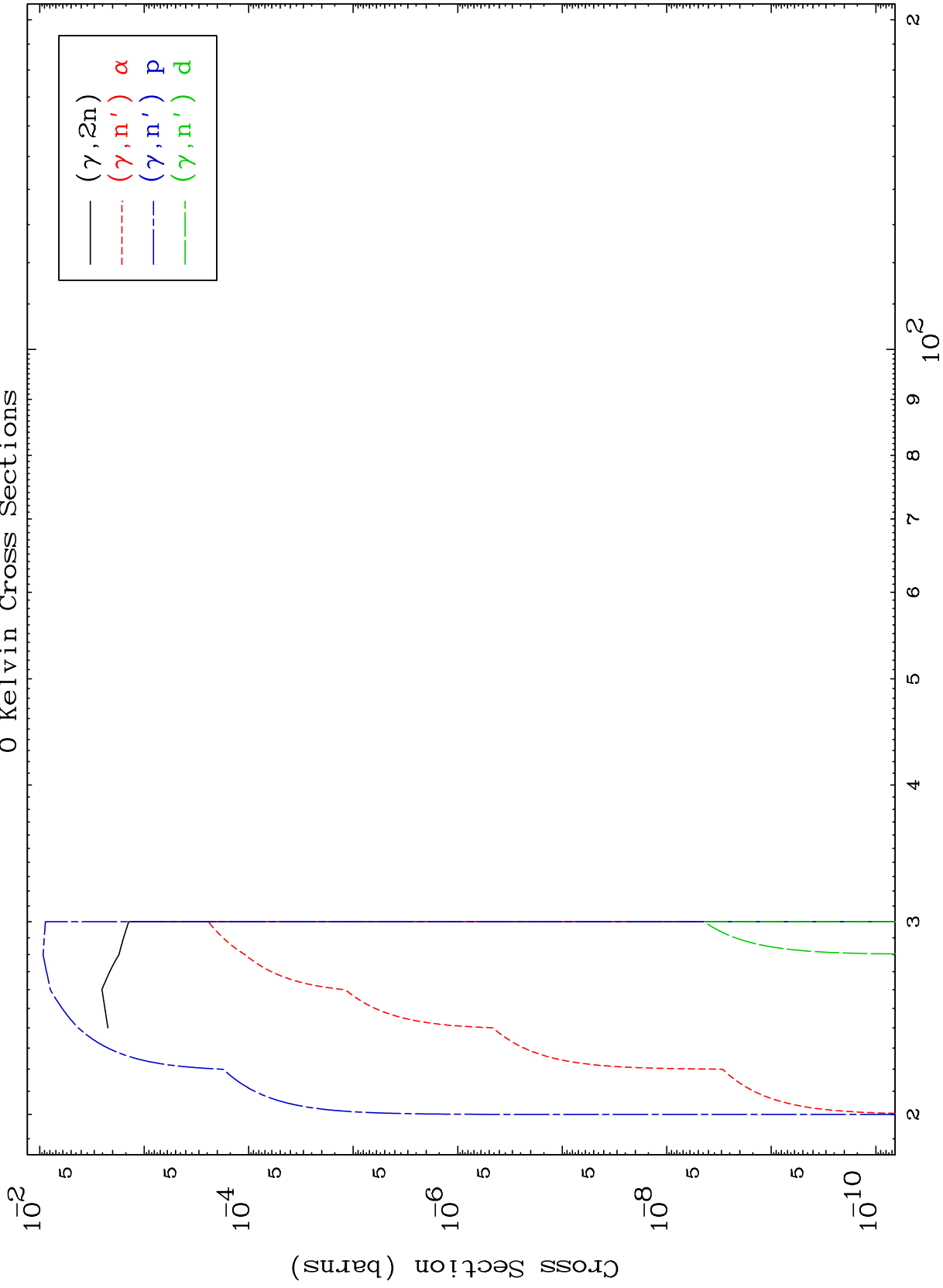
40-Zr-86



MAT 4013

Photon Neutron Production  
0 Kelvin Cross Sections

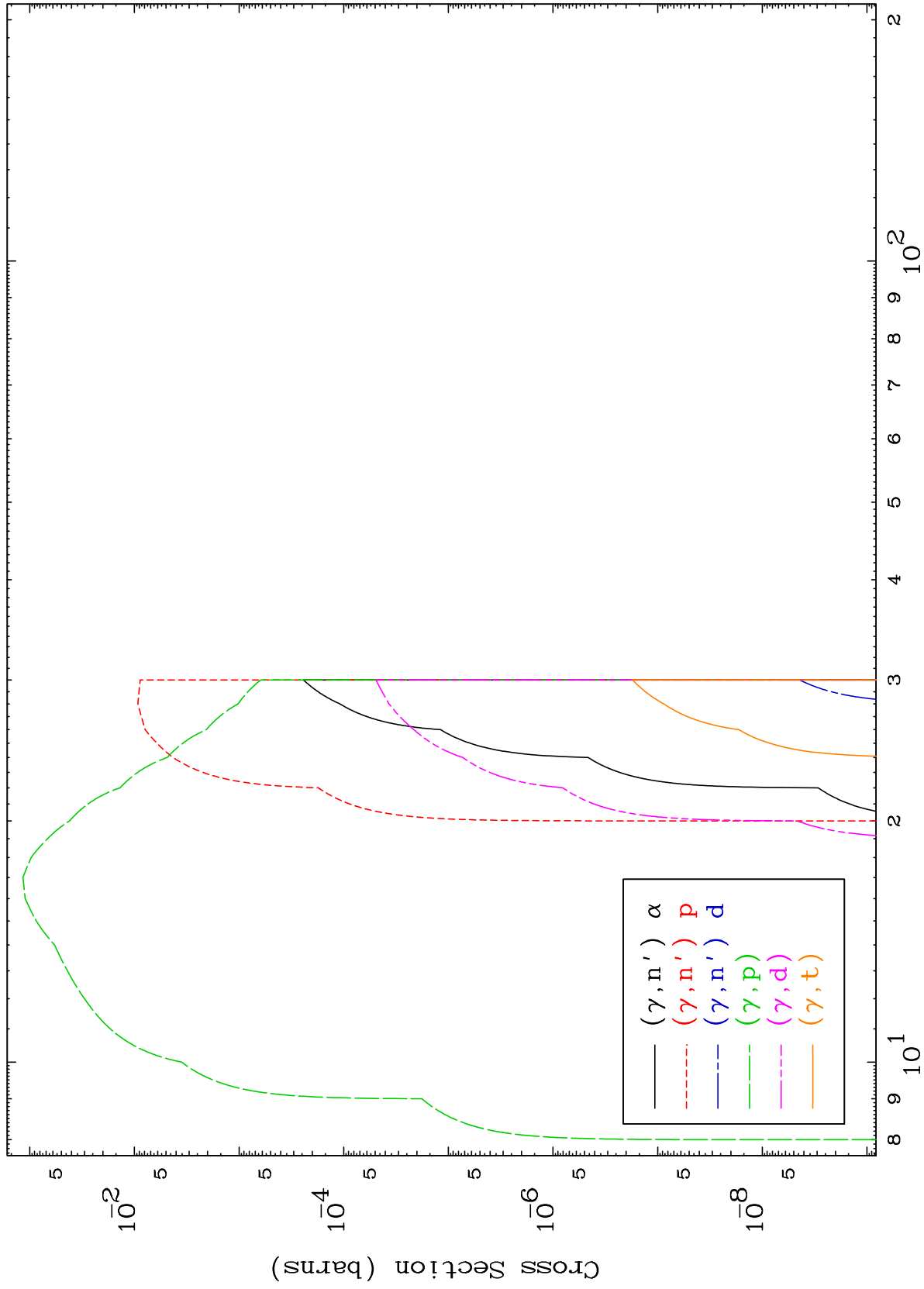
40-Zr-86



2

Incident Energy (MeV)

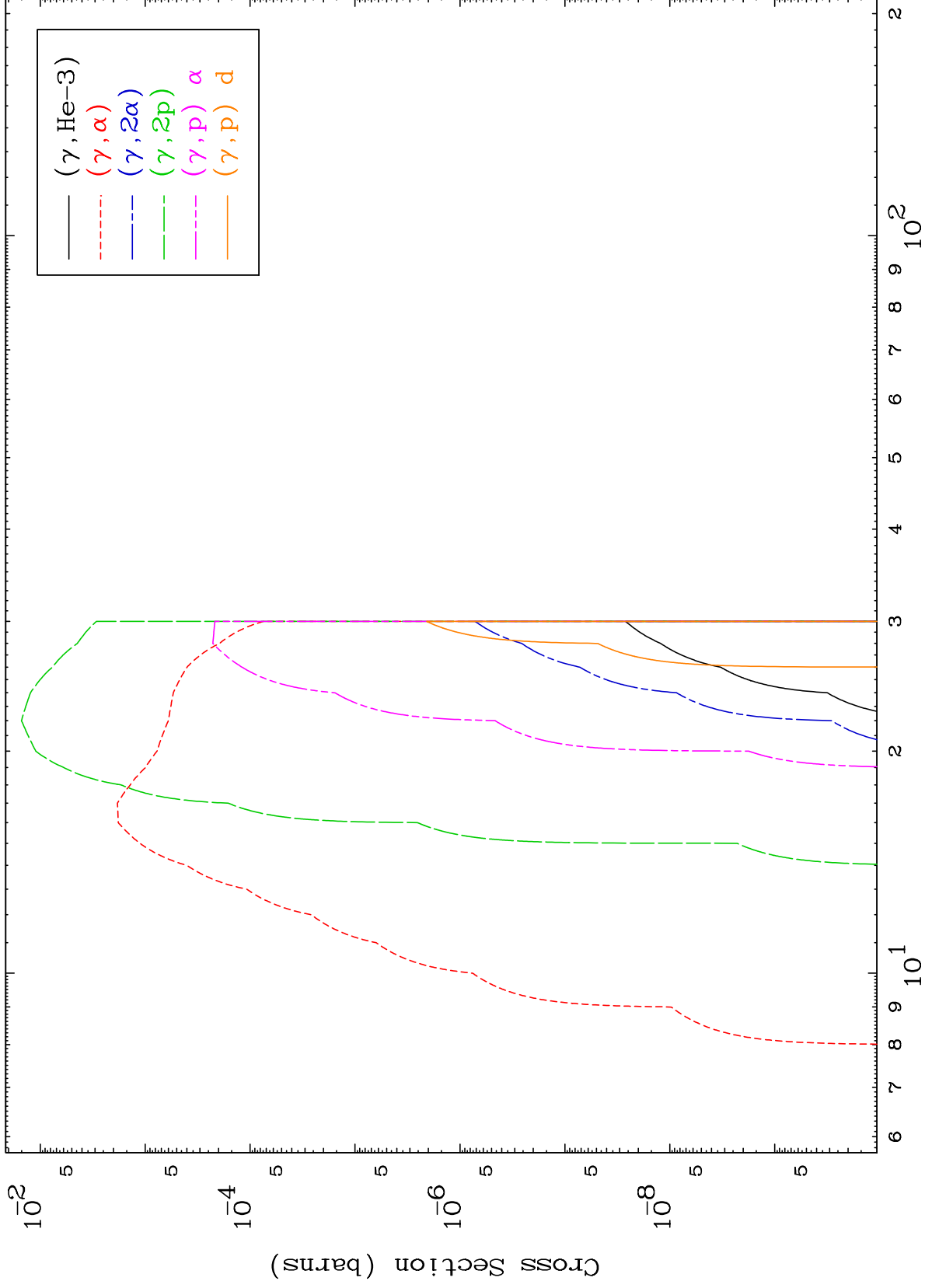
40-Zr-86



MAT 4013

Photon Charged Particle  
0 Kelvin Cross Sections

40-Zr-86



4

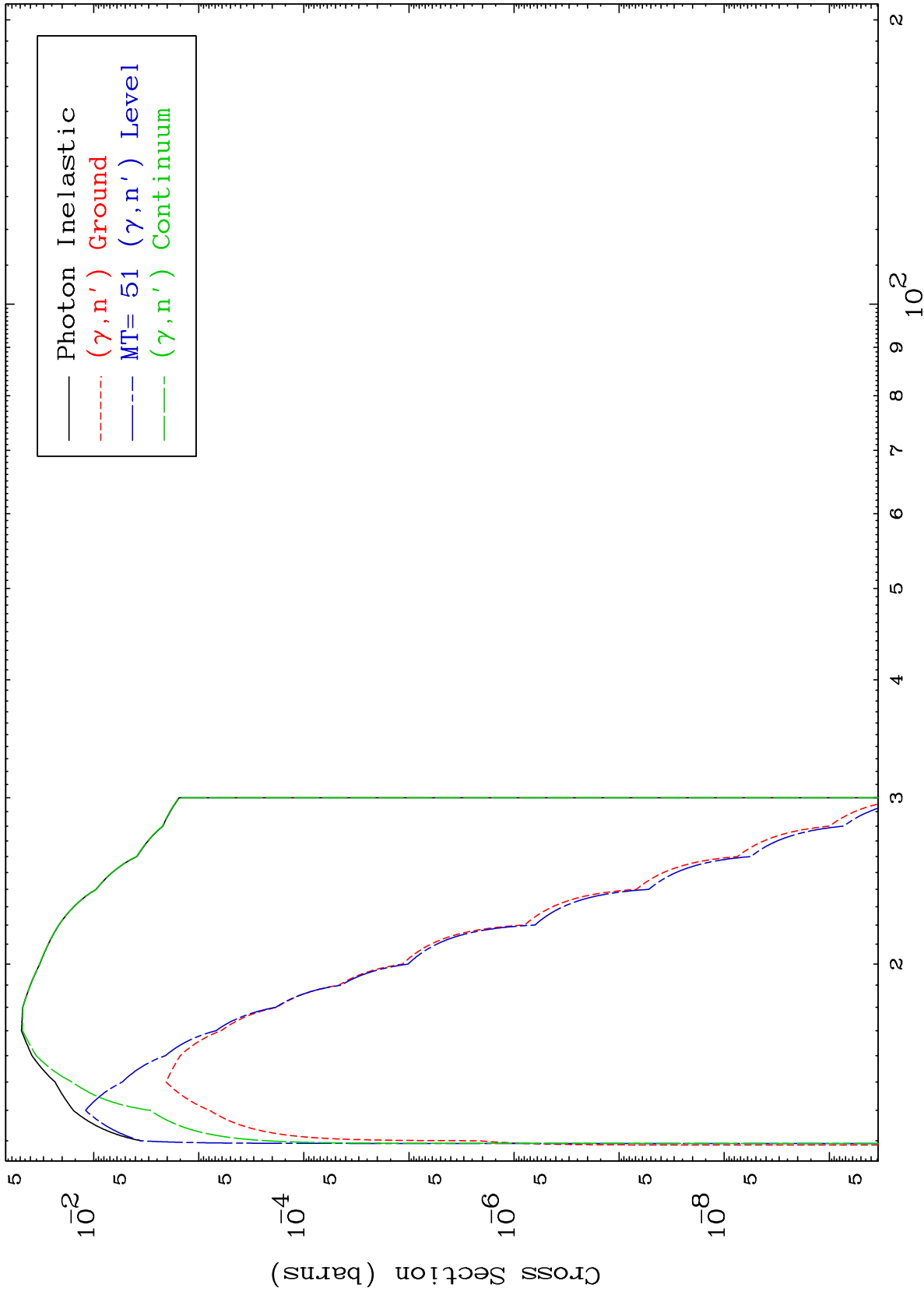
Incident Energy (MeV)

40-Zr-86

MAT 4013

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

40-Zr-86



5

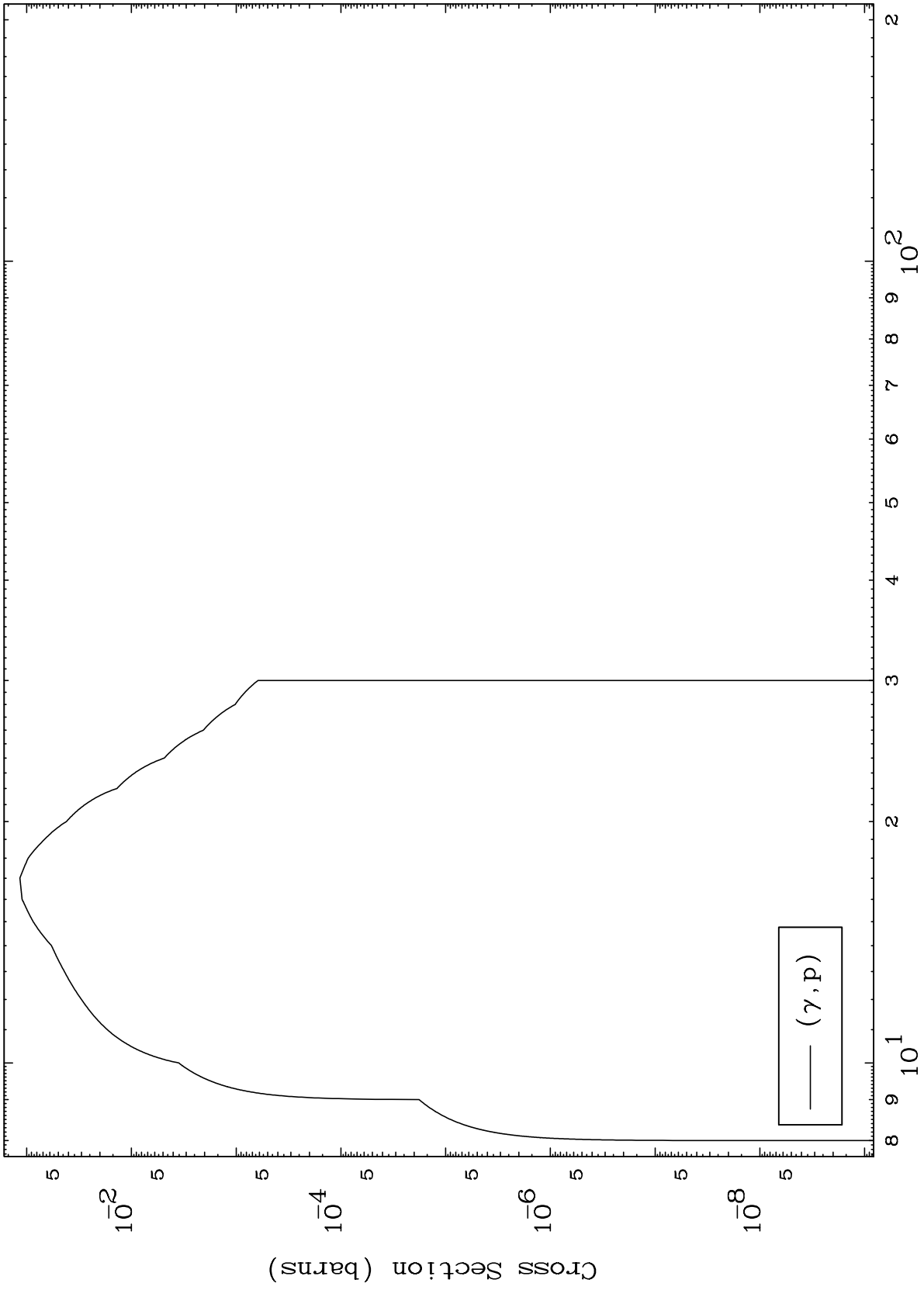
Incident Energy (MeV)

40-Zr-86

MAT 4013

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

40-Zr-86



6

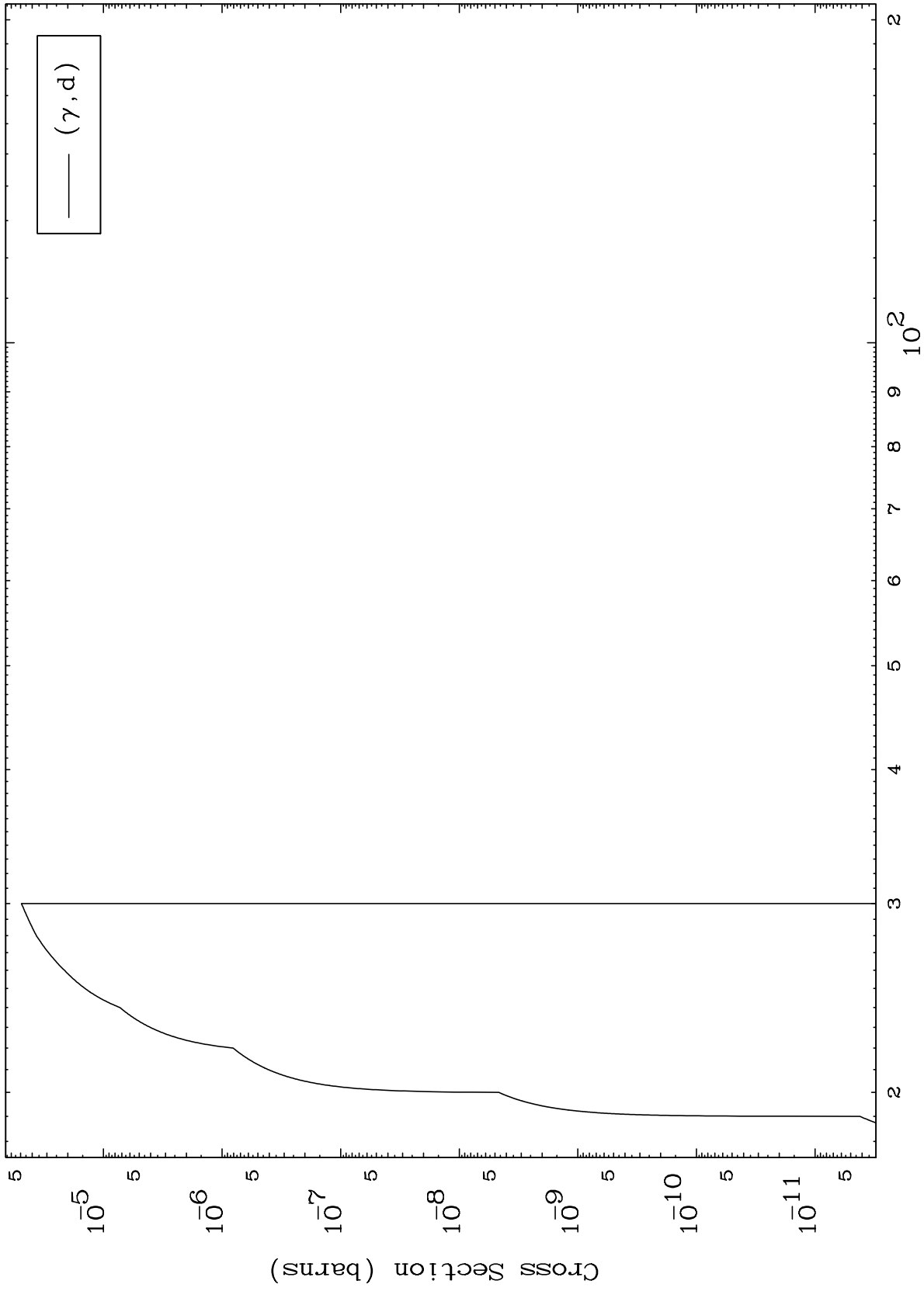
Incident Energy (MeV)

40-Zr-86

MAT 4013

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

40-Zr-86



7

Incident Energy (MeV)

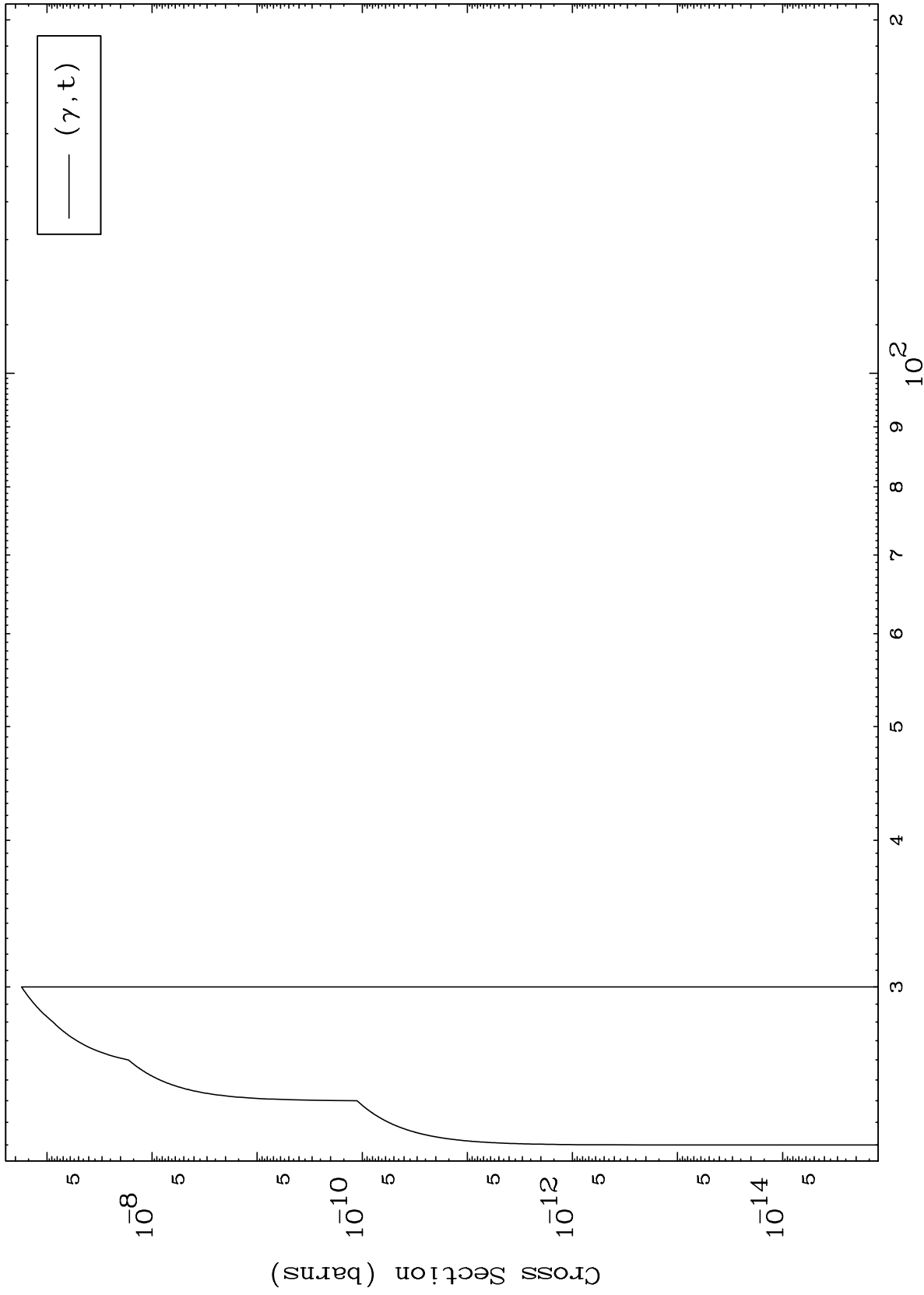
40-Zr-86



MAT 4013

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

40-Zr-86



8

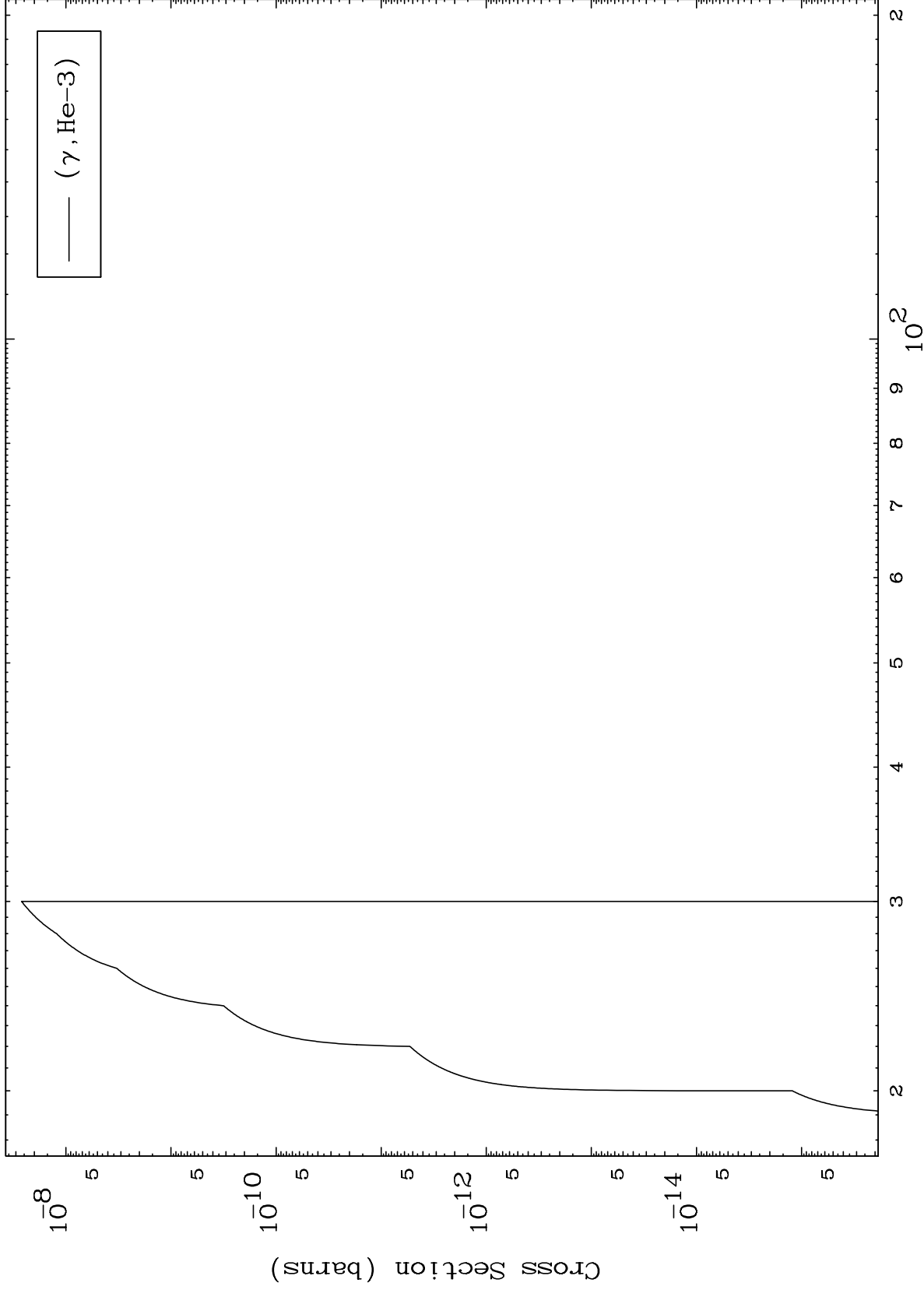
Incident Energy (MeV)

40-Zr-86

MAT 4013

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

40-Zr-86



9

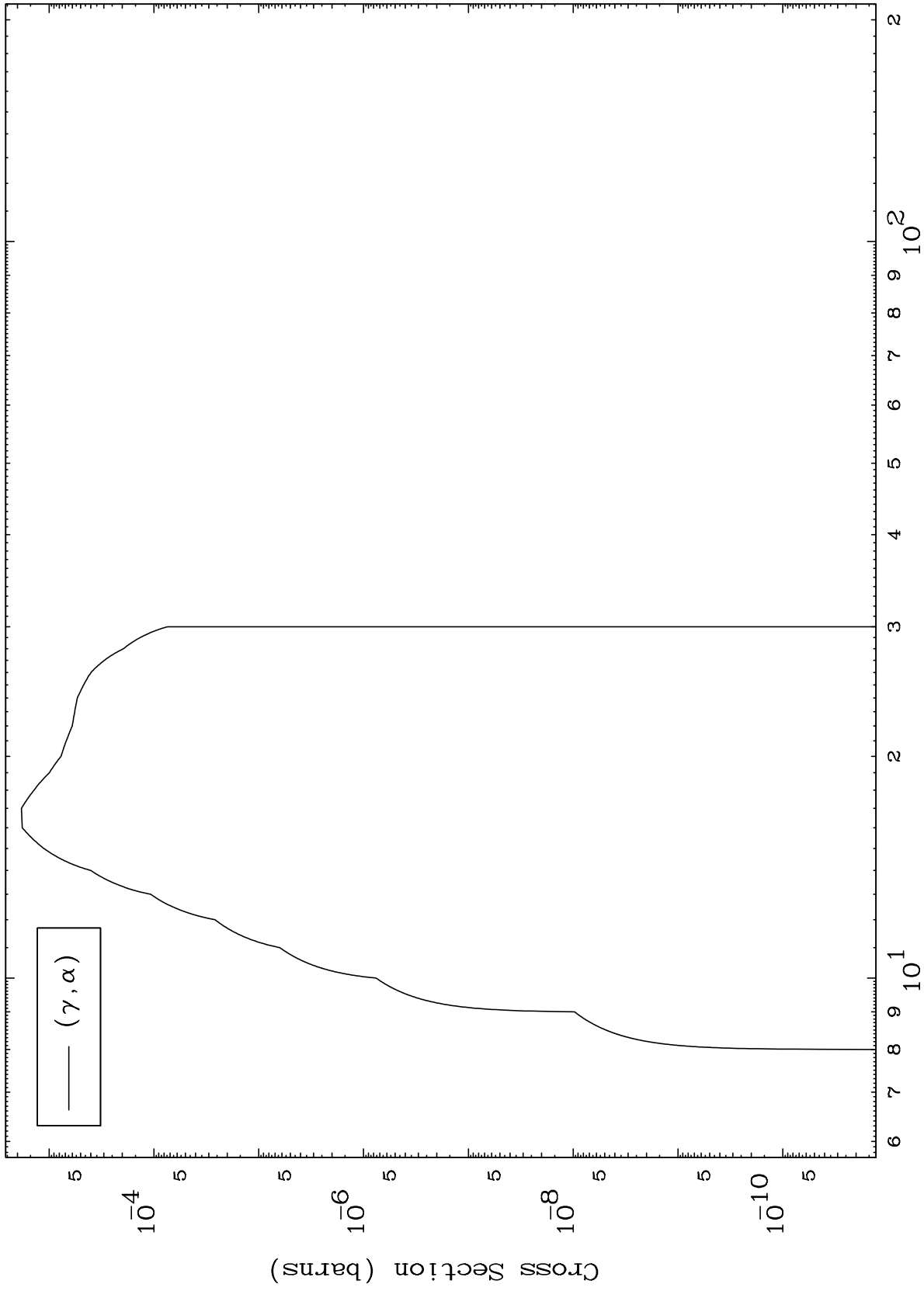
Incident Energy (MeV)

40-Zr-86

MAT 4013

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

40-Zr-86



10

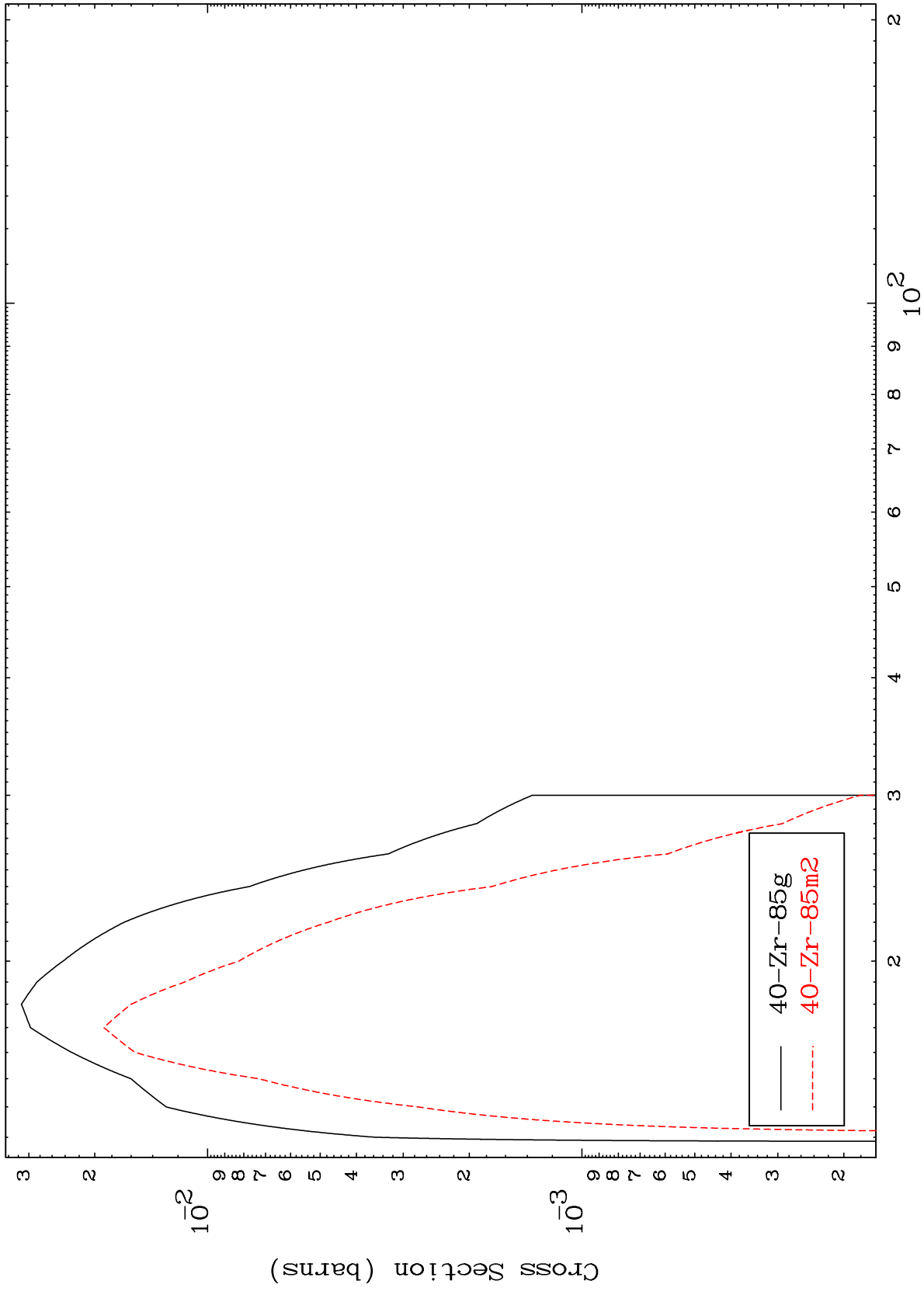
Incident Energy (MeV)

40-Zr-86

MAT 4013

Photon Inelastic  
Radionuclide Production Cross Section

40-Zr-86

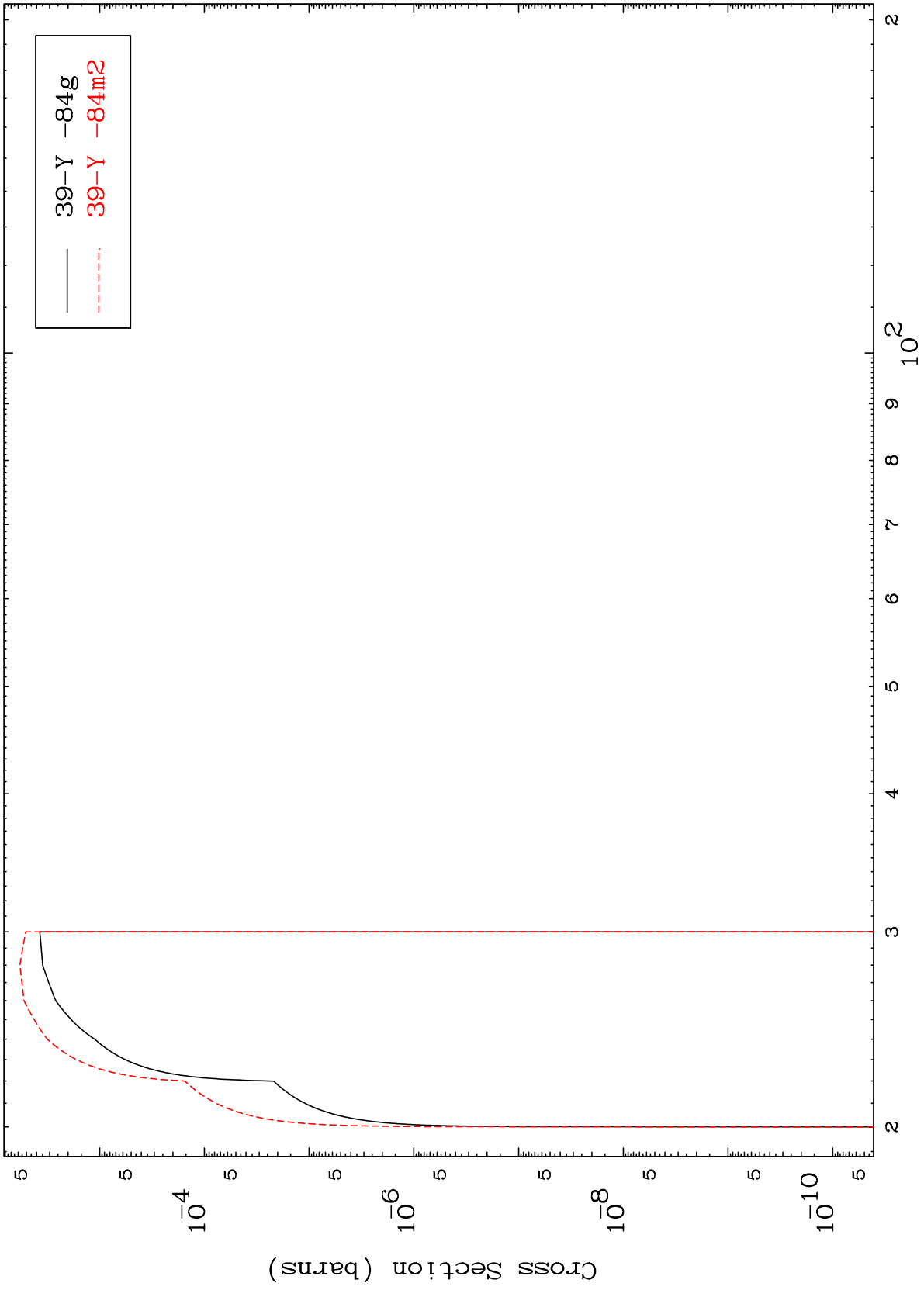


40-Zr-86

MAT 4013

40-Zr-86

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



40-Zr-86

Incident Energy (MeV)

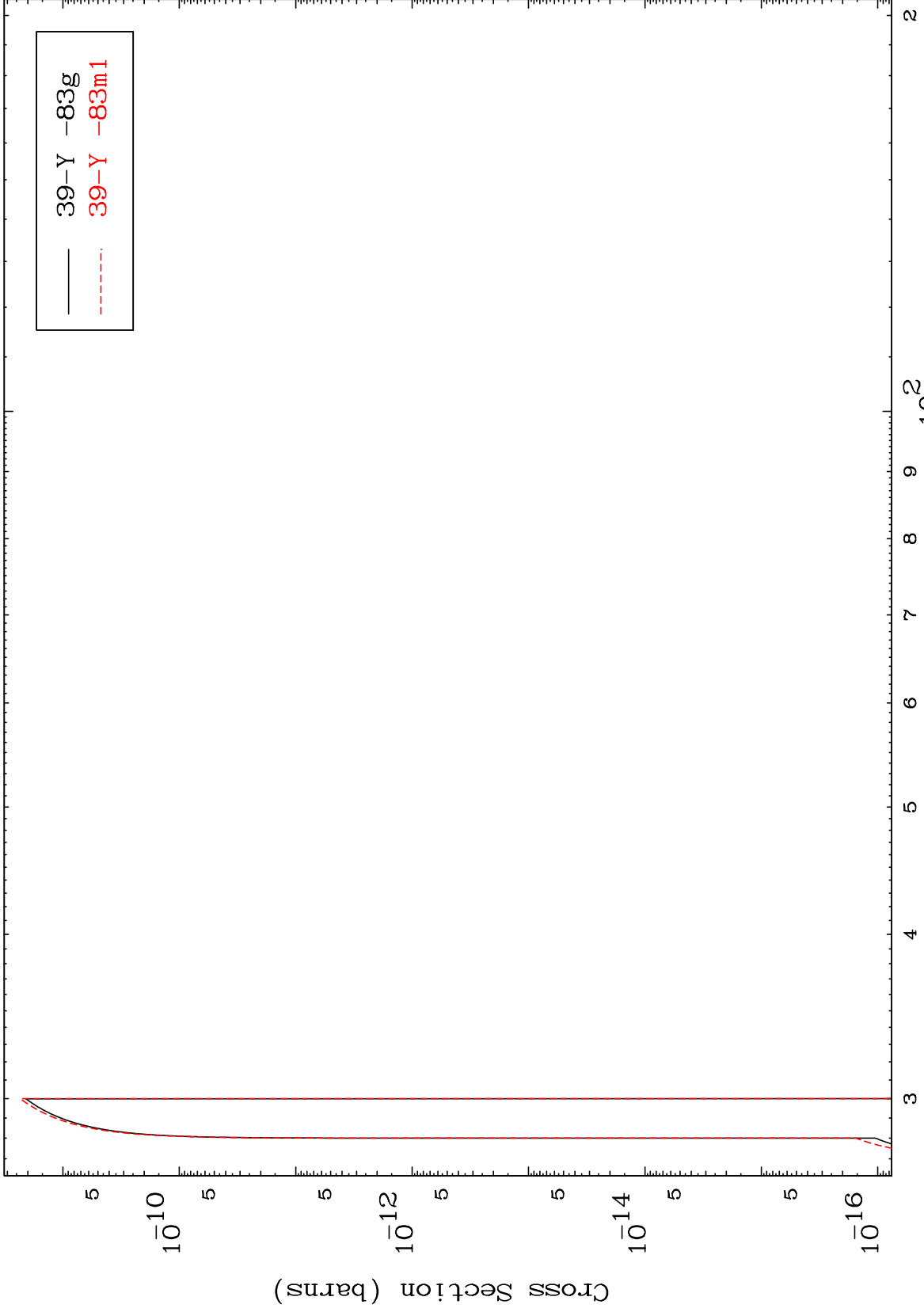
12

MAT 4013

( $\gamma, n'$ ) d

40-Zr-86

Radionuclide Production Cross Section



13

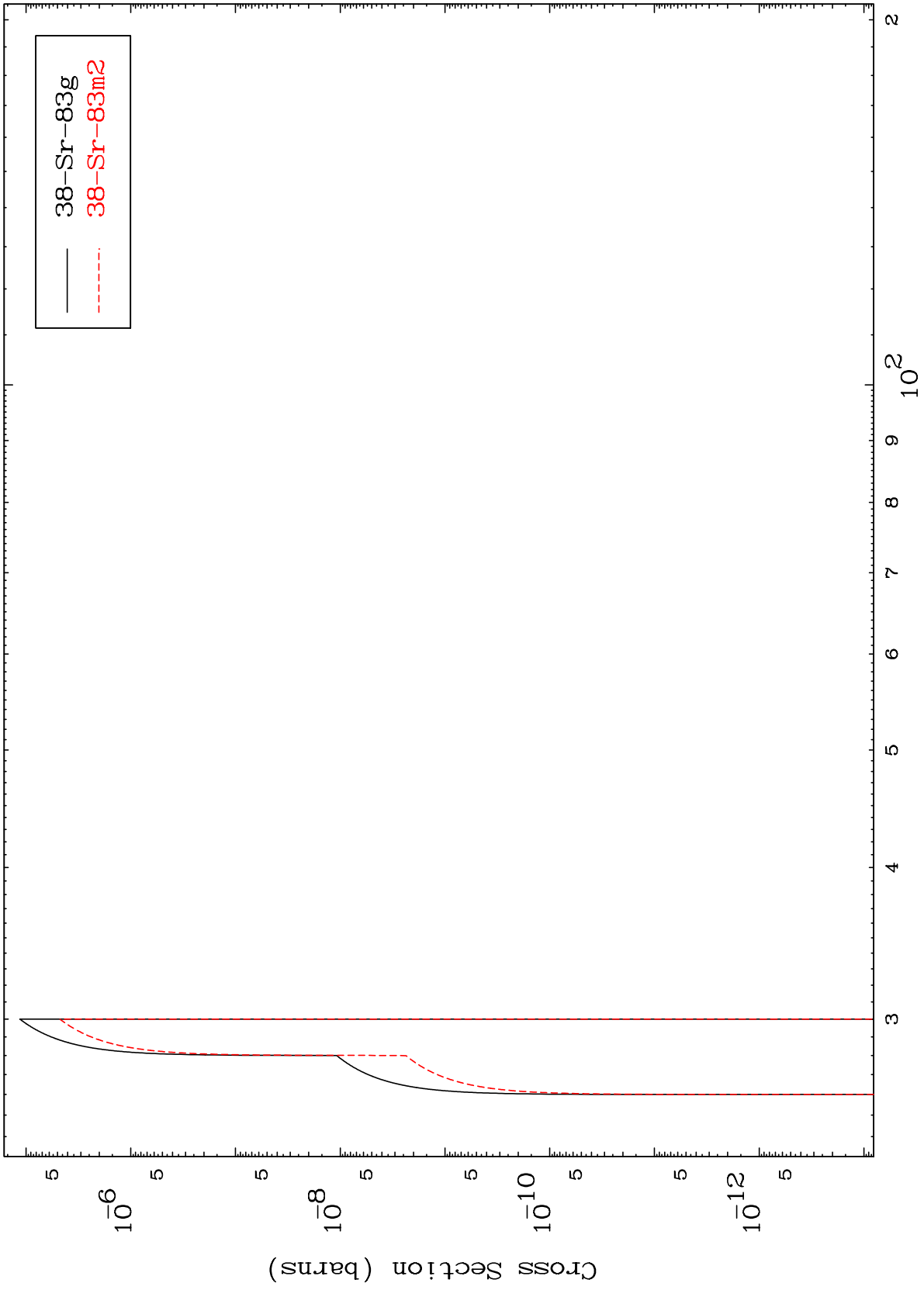
Incident Energy (MeV)

40-Zr-86

MAT 4013

40-Zr-86

$(\gamma, 2n)$  p  
Radionuclide Production Cross Section



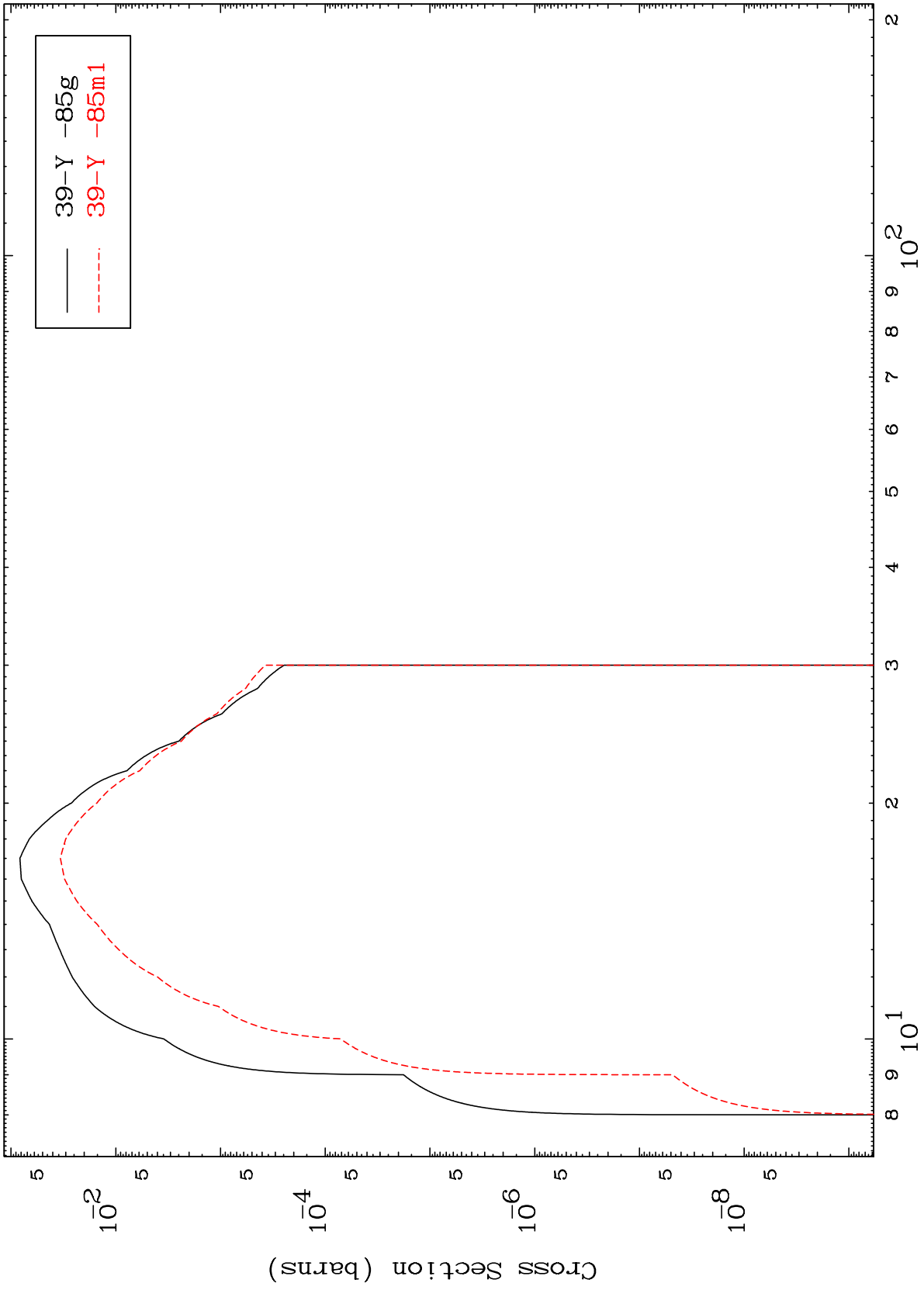
14

40-Zr-86

MAT 4013

40-Zr-86

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



15

Incident Energy (MeV)

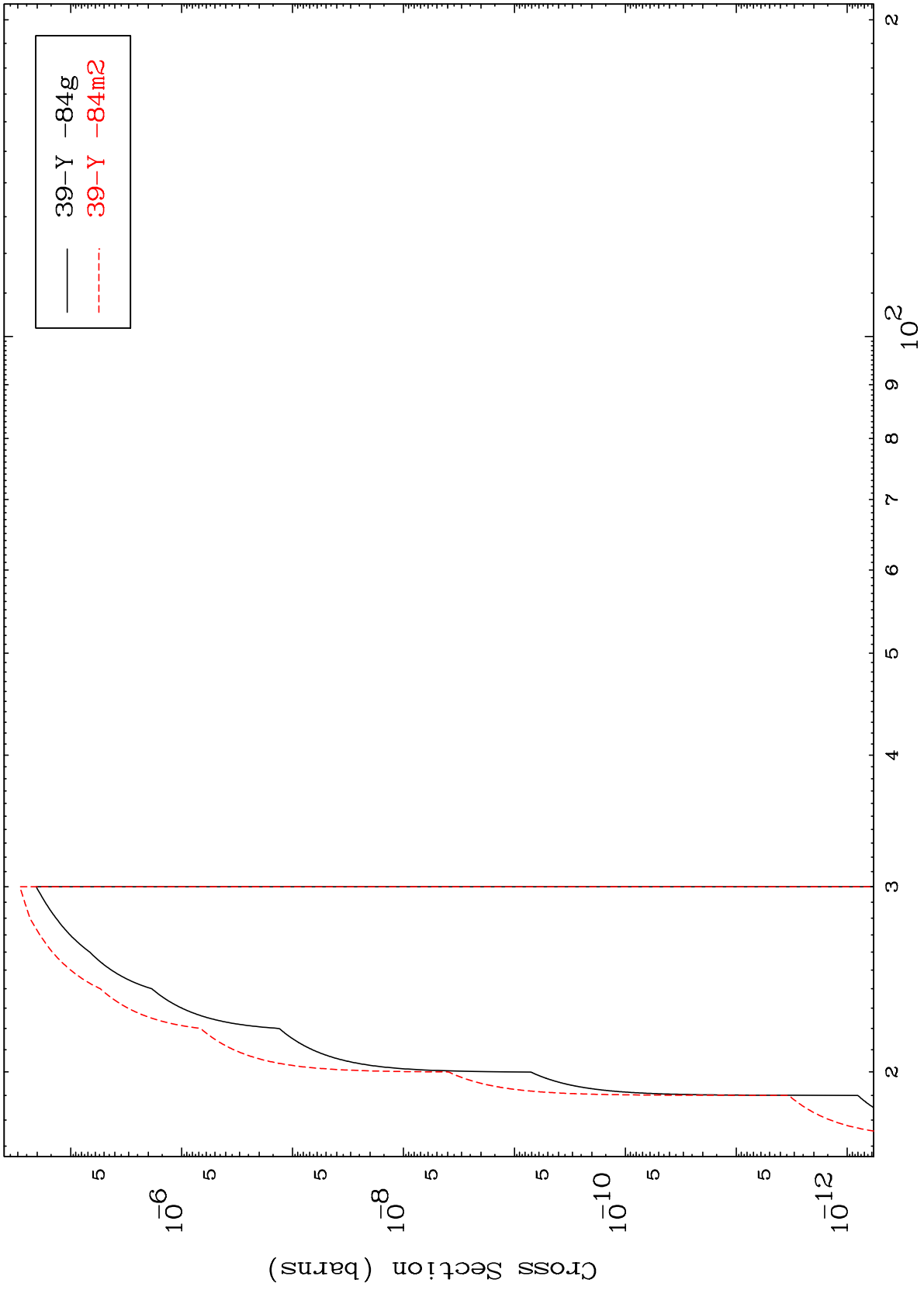
40-Zr-86



MAT 4013

40-Zr-86

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



16

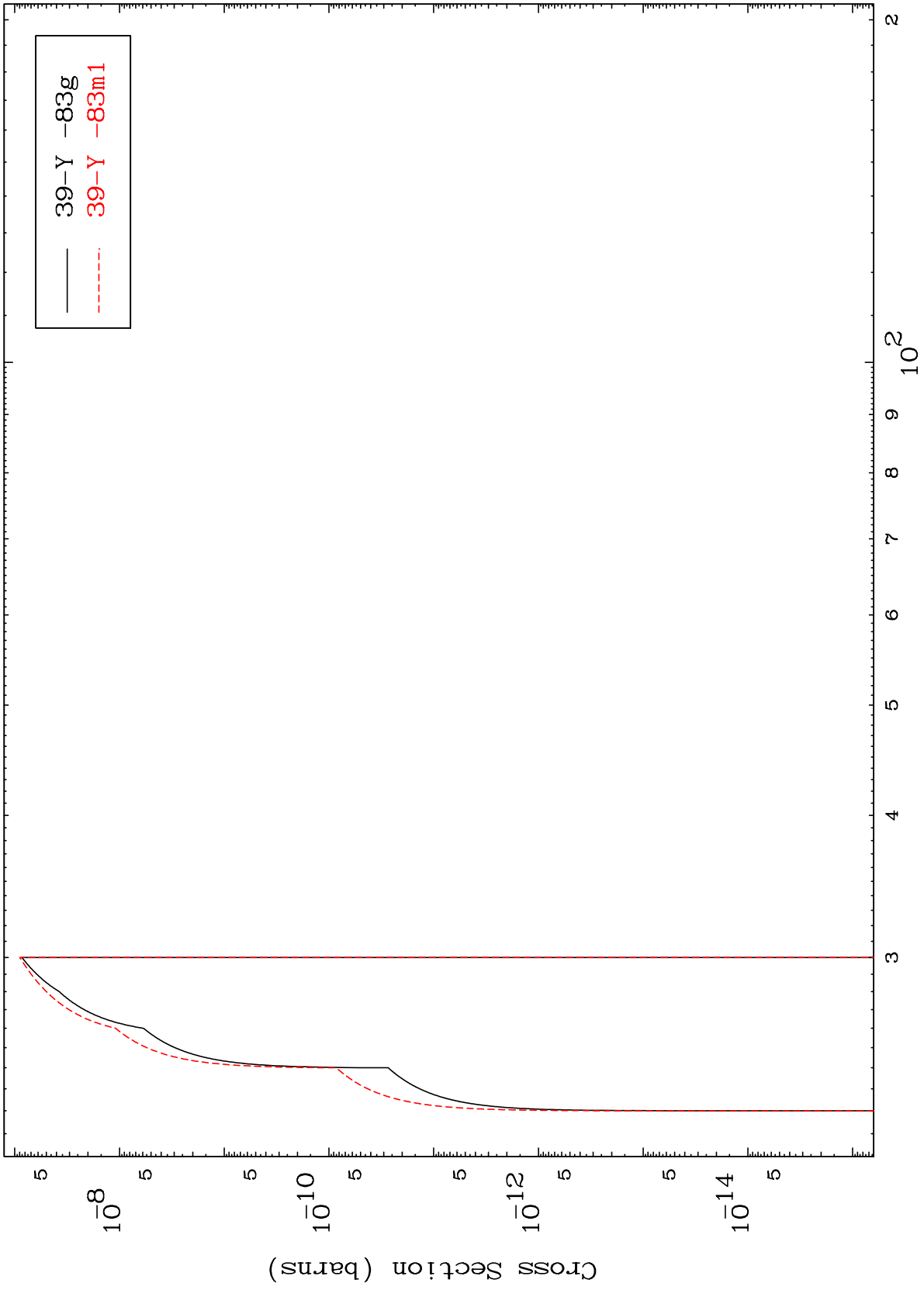
Incident Energy (MeV)

40-Zr-86

MAT 4013

40-Zr-86

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



17

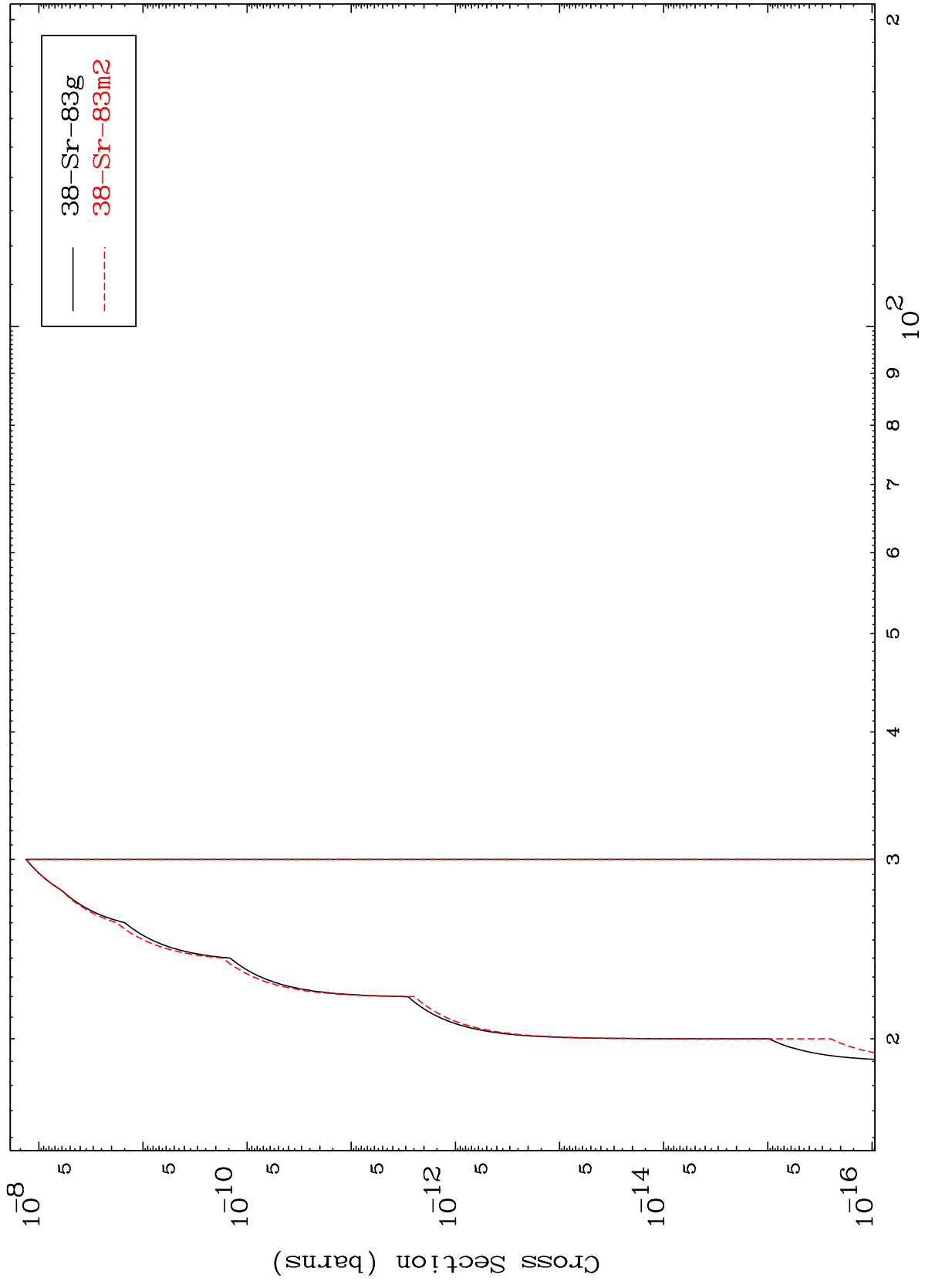
40-Zr-86

MAT 4013

( $\gamma, \text{He-3}$ )

40-Zr-86

Radionuclide Production Cross Section



18

Incident Energy (MeV)

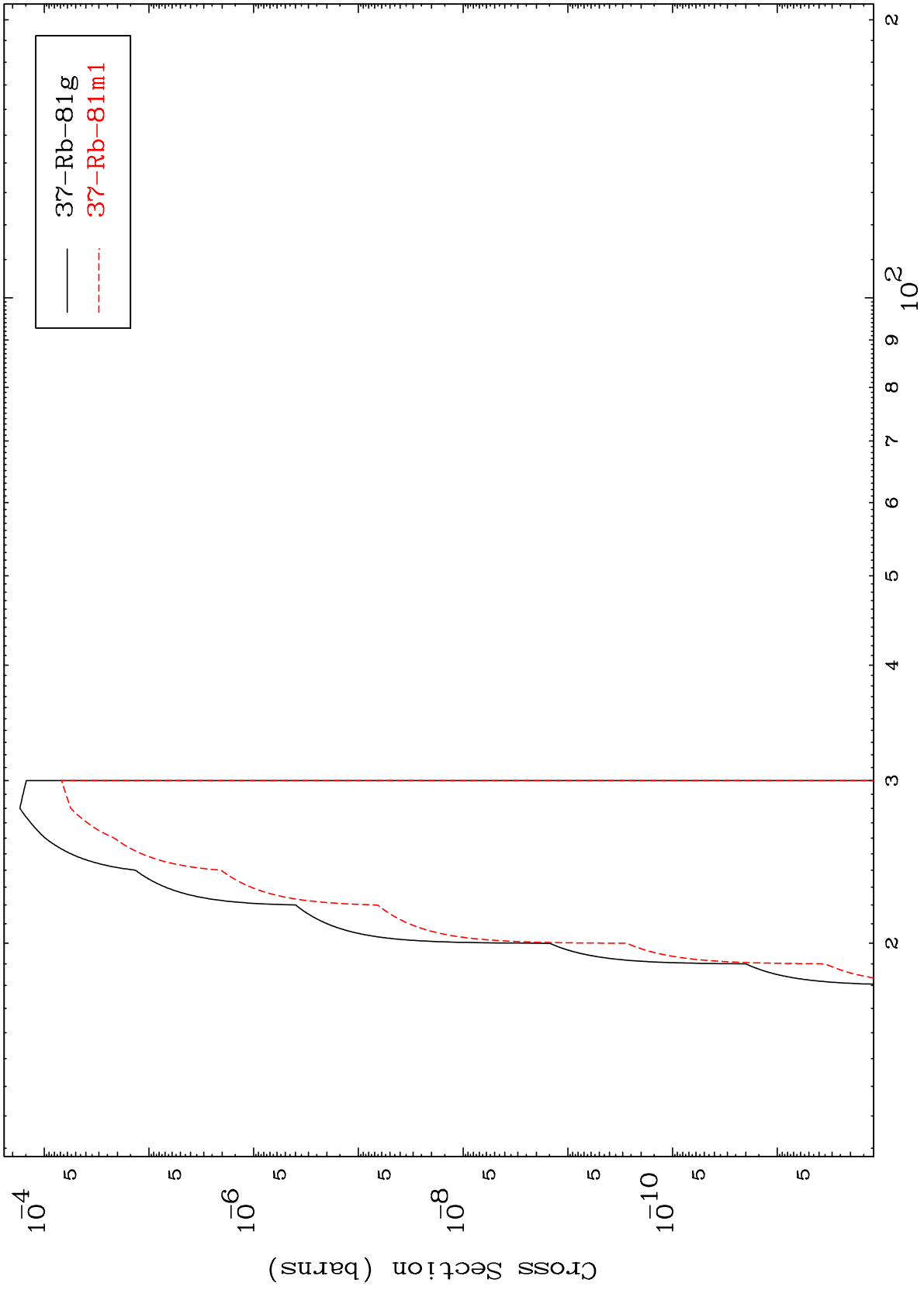
40-Zr-86

MAT 4013

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

40-Zr-86

Radionuclide Production Cross Section



19

Incident Energy (MeV)

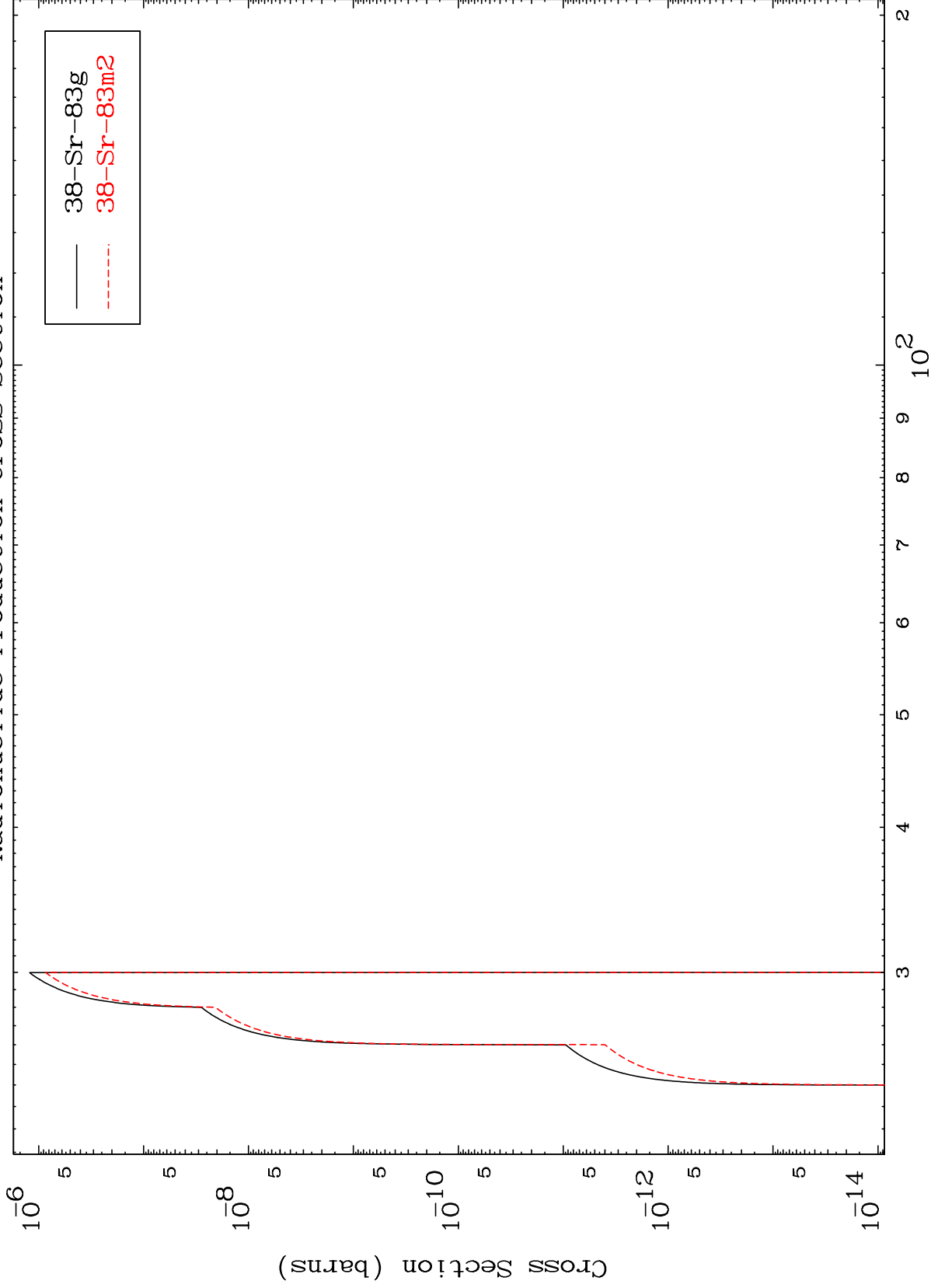
40-Zr-86

MAT 4013

( $\gamma, p$ ) d

40-Zr-86

Radionuclide Production Cross Section



20

Incident Energy (MeV)

40-Zr-86