

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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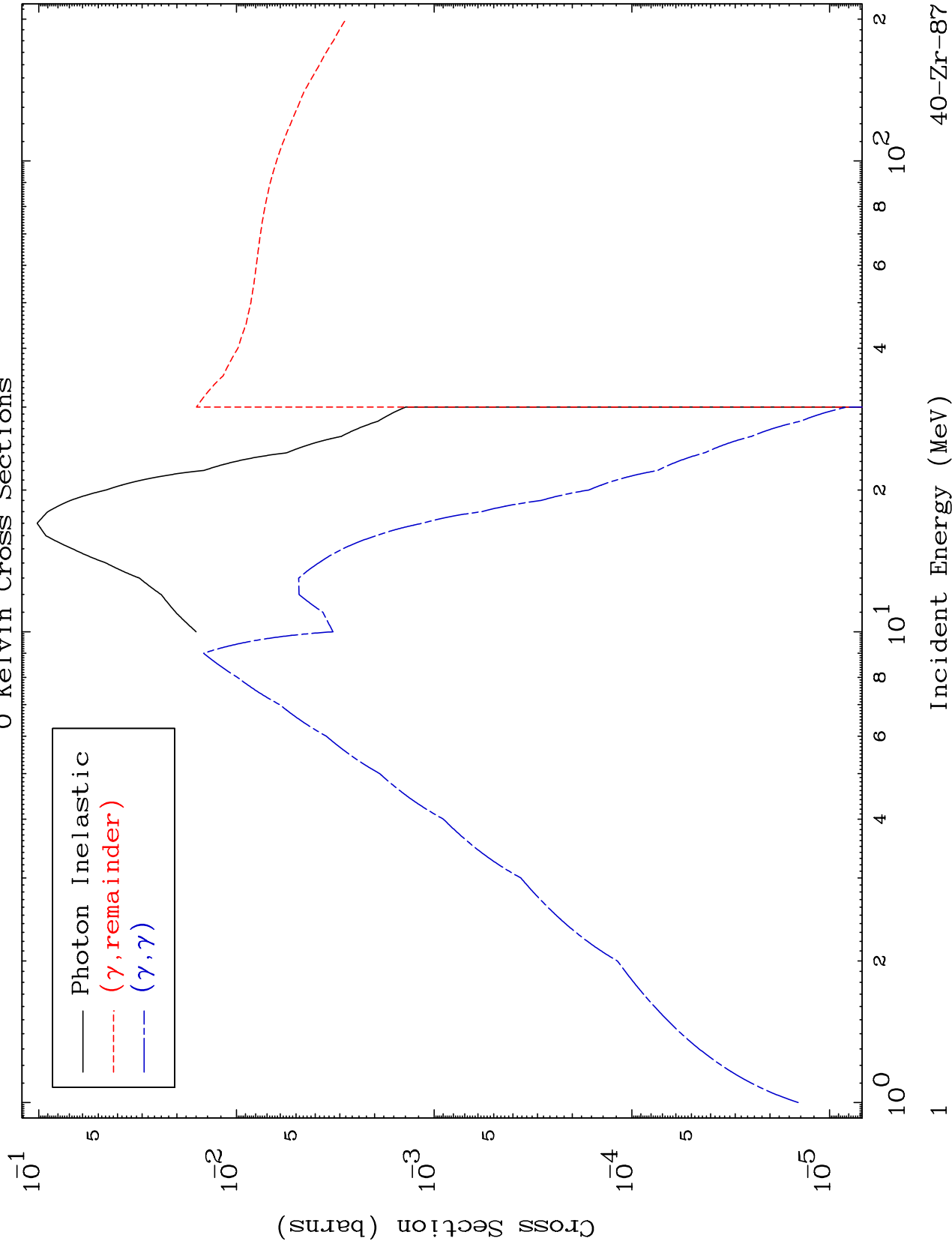
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4017

Photon Major  
0 Kelvin Cross Sections

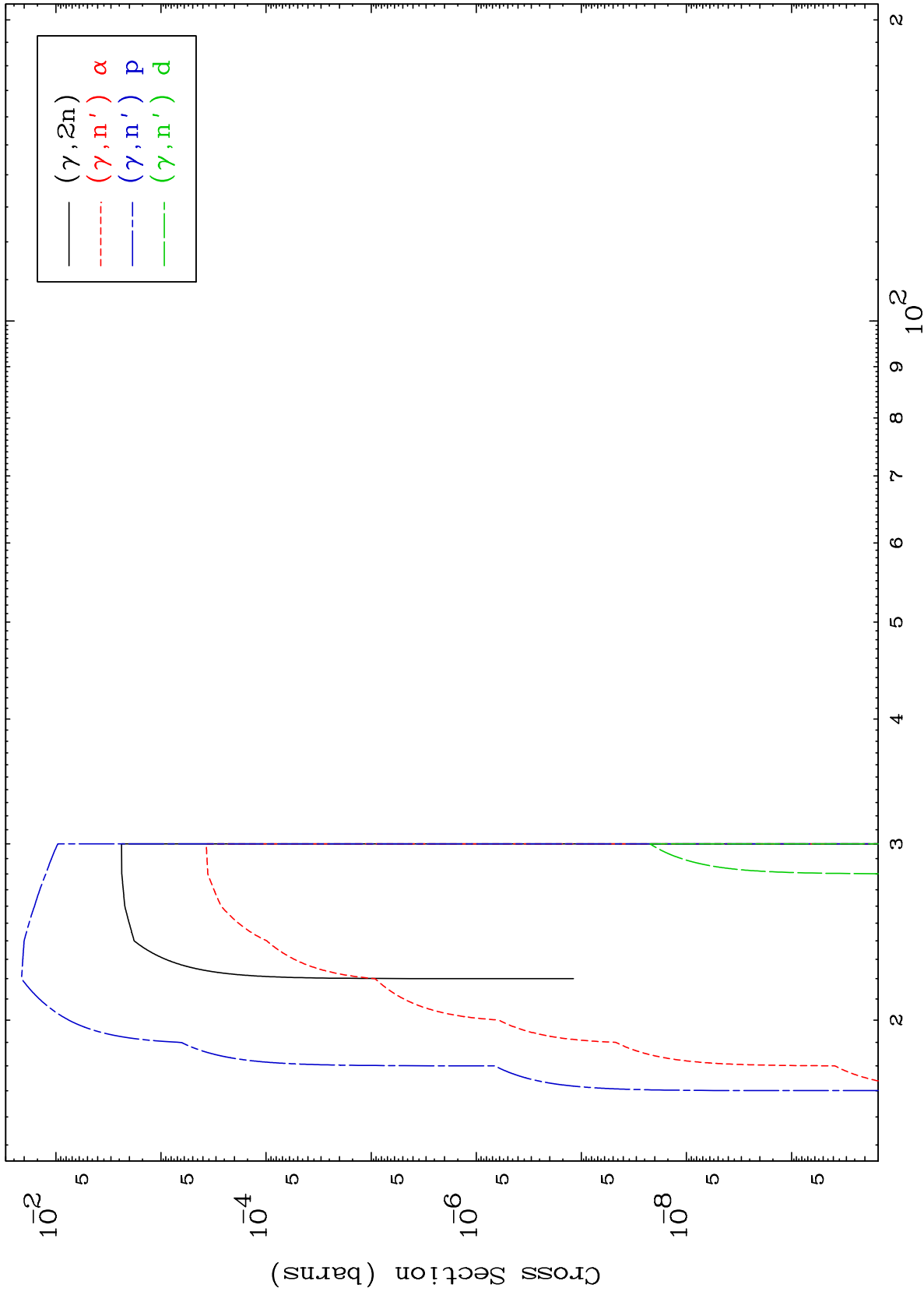
40-Zr-87



MAT 4017

Photon Neutron Production  
0 Kelvin Cross Sections

40-Zr-87



2

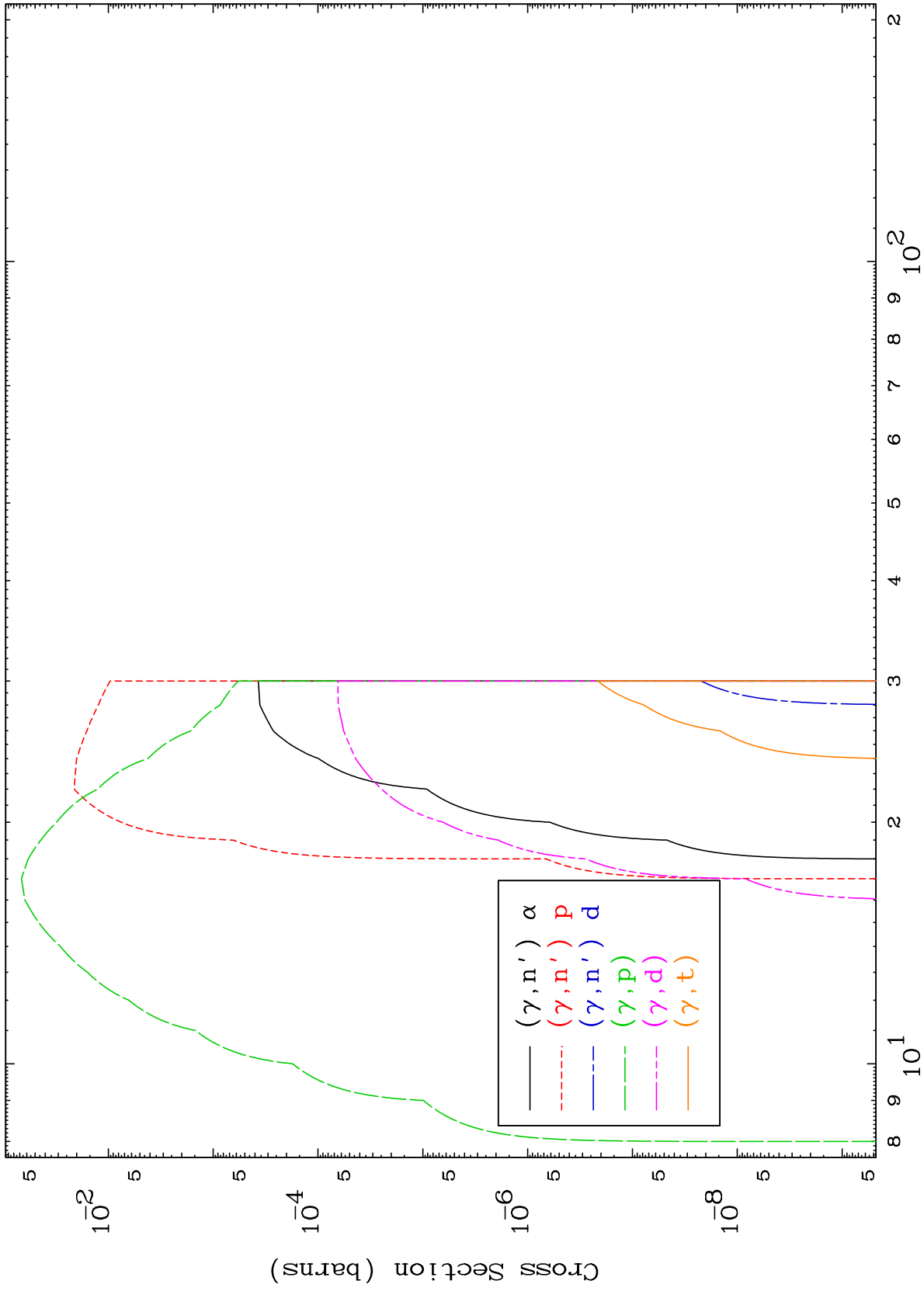
Incident Energy (MeV)

40-Zr-87

MAT 4017

Photon Charged Particle  
0 Kelvin Cross Sections

40-Zr-87



3

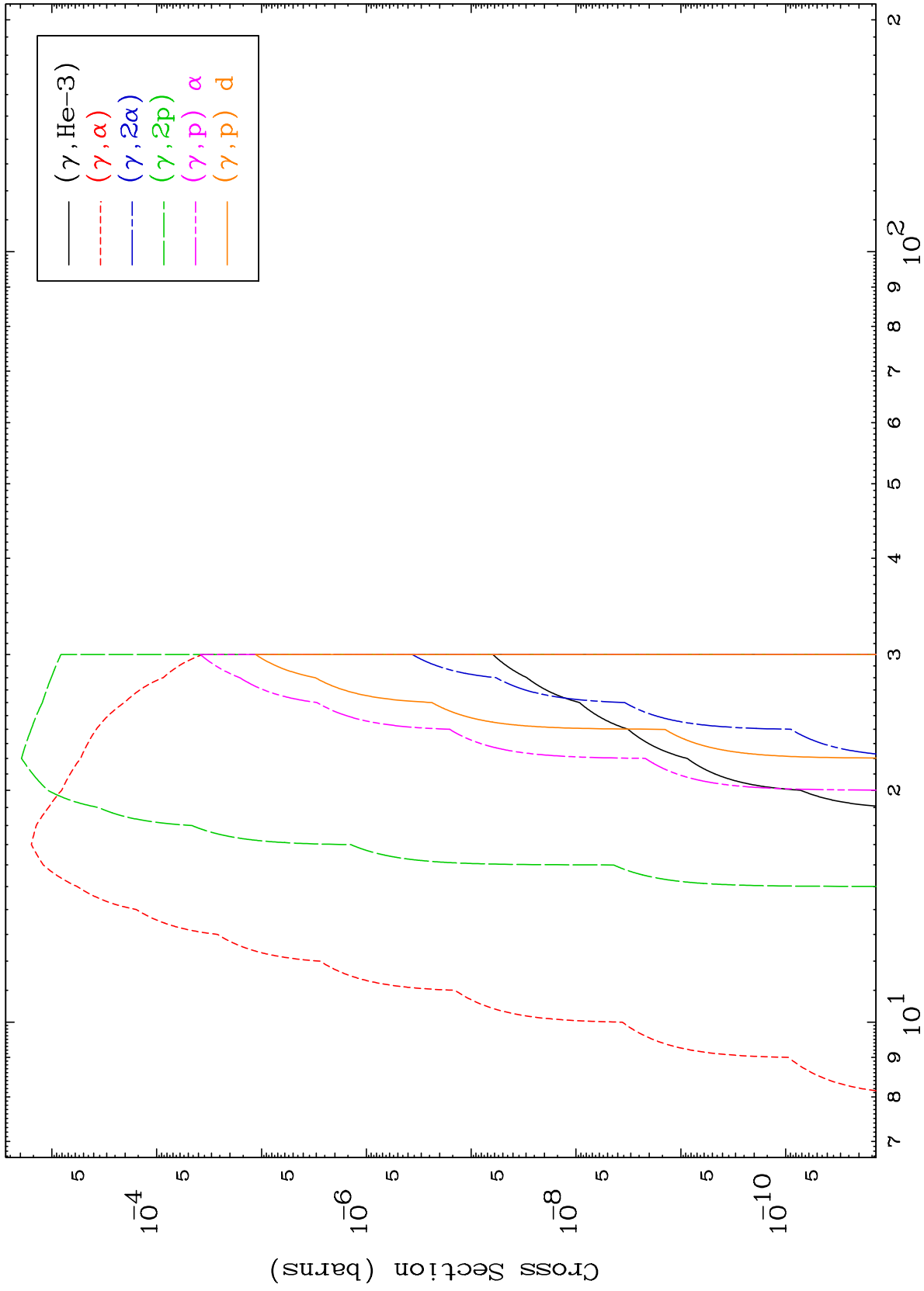
Incident Energy (MeV)

40-Zr-87

MAT 4017

Photon Charged Particle  
0 Kelvin Cross Sections

40-Zr-87



4

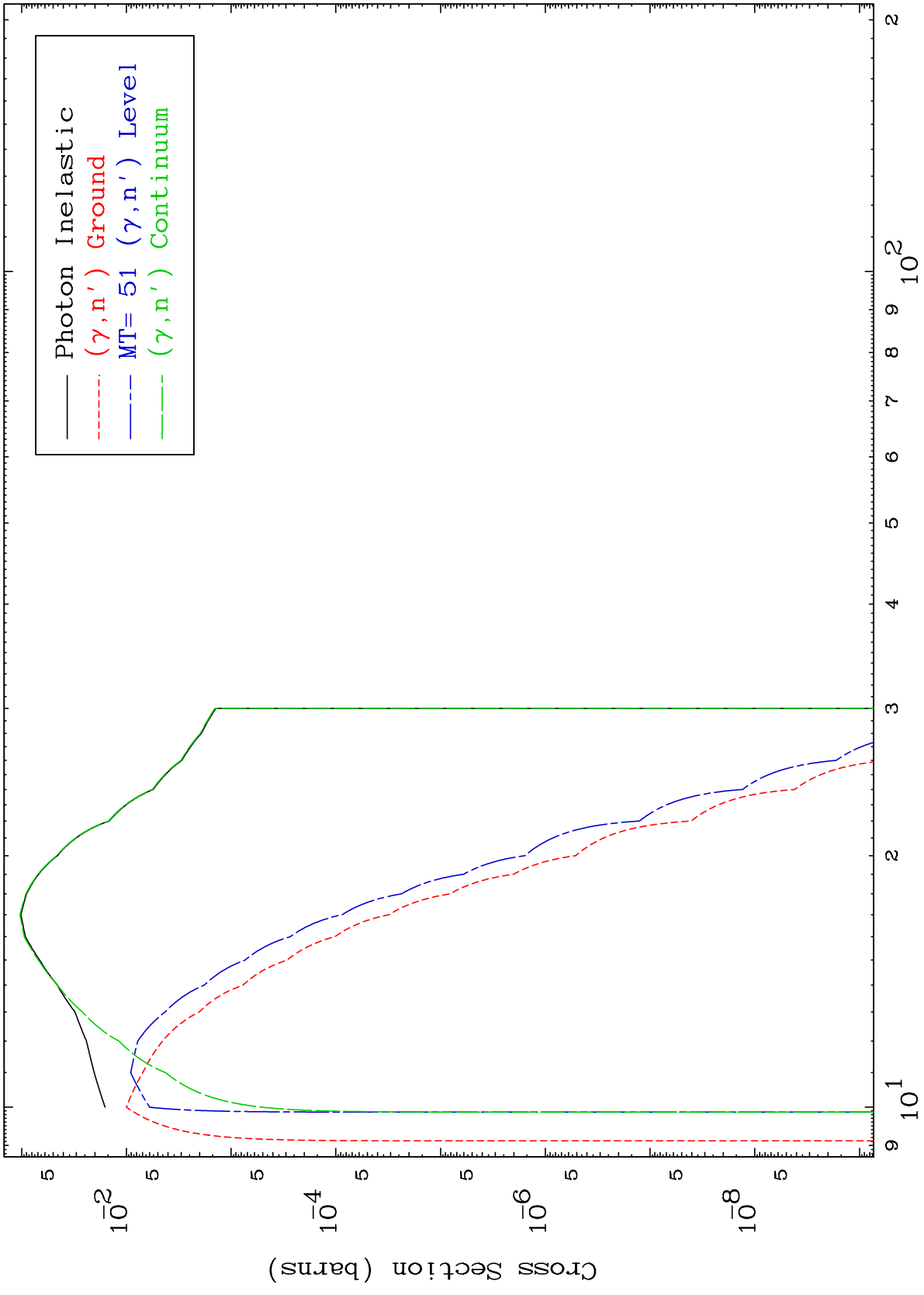
Incident Energy (MeV)

40-Zr-87

MAT 4017

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

40-Zr-87



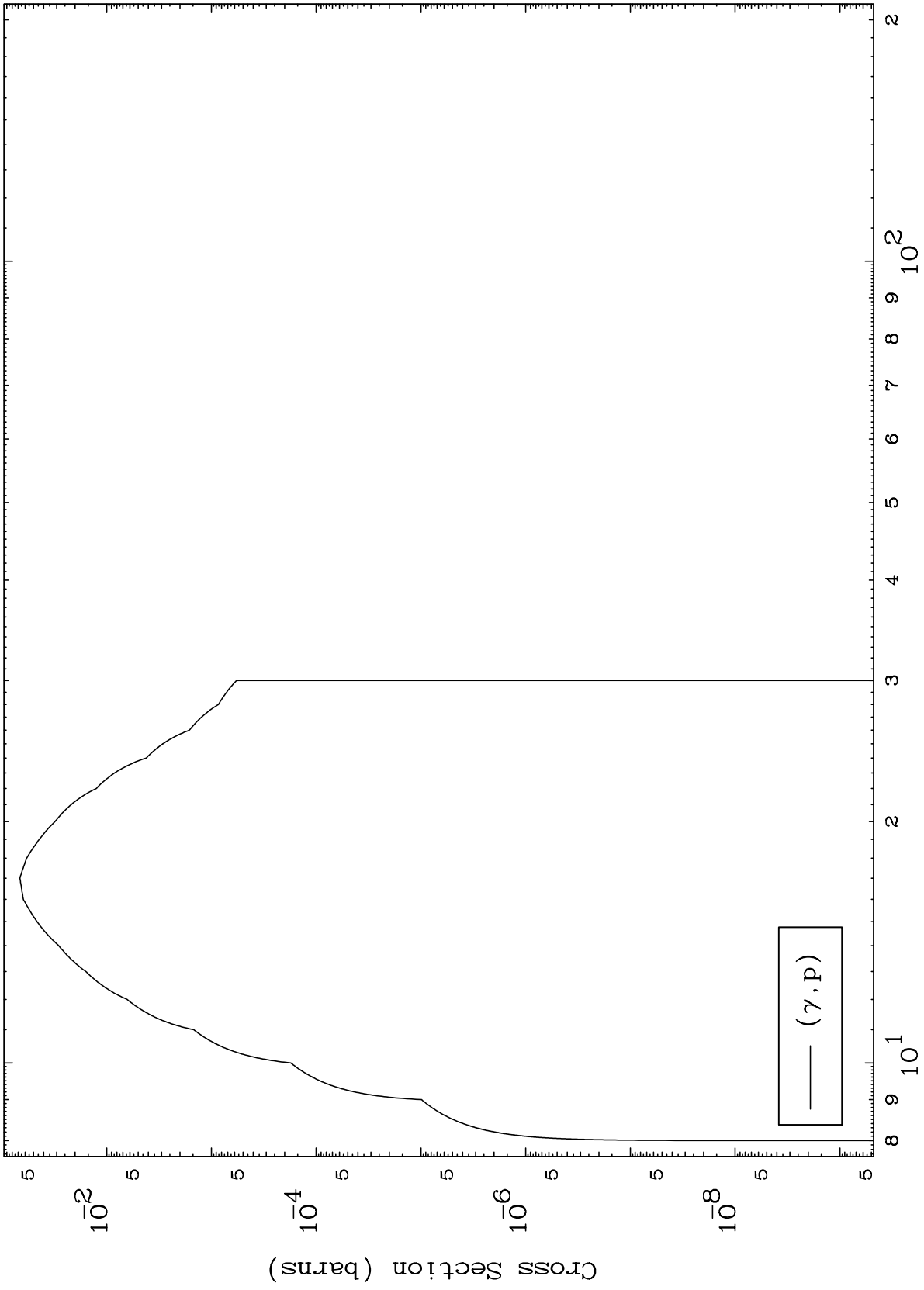
Incident Energy (MeV)

40-Zr-87

MAT 4017

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

40-Zr-87



6

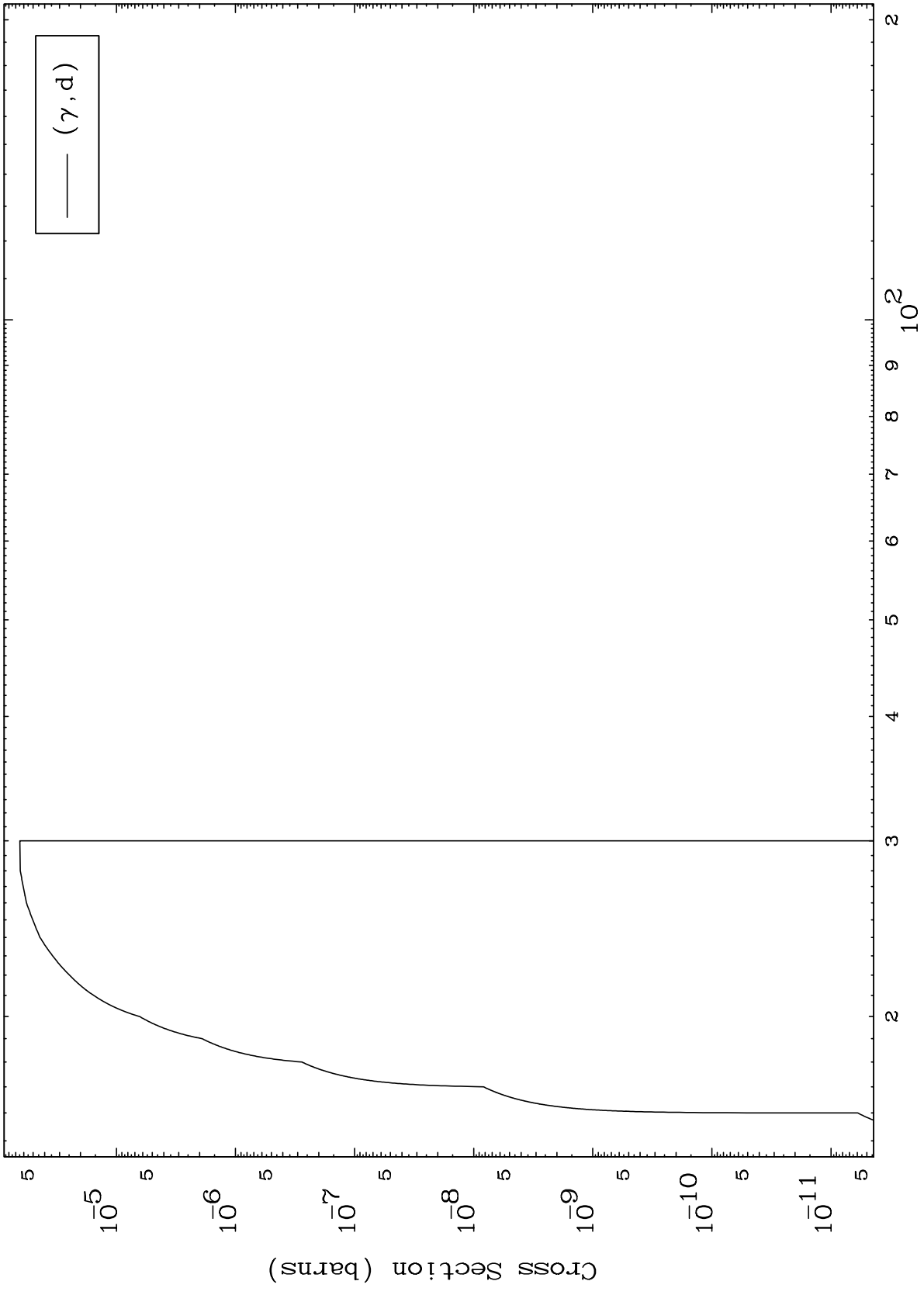
Incident Energy (MeV)

40-Zr-87

MAT 4017

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

40-Zr-87



7

Incident Energy (MeV)

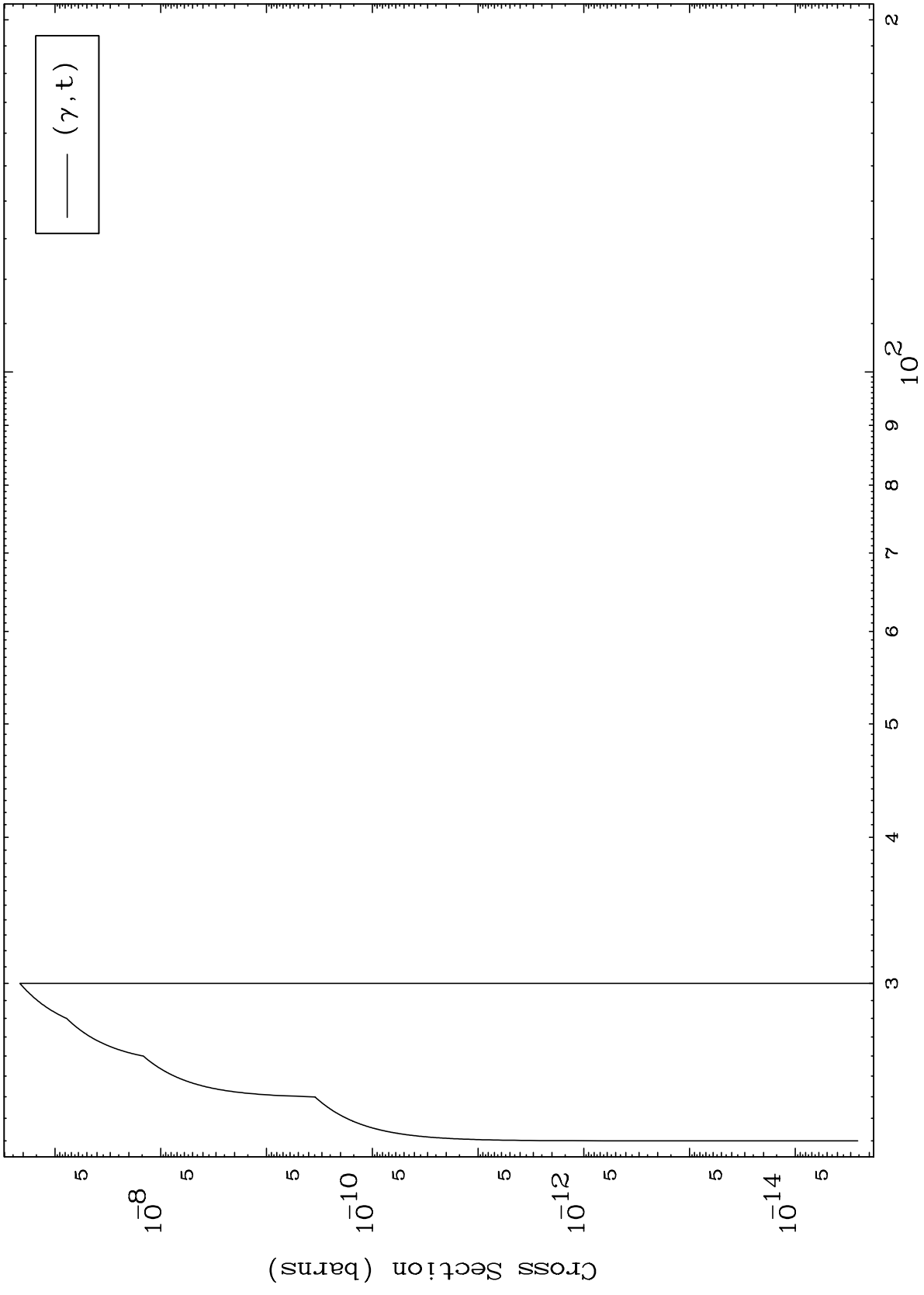
40-Zr-87



MAT 4017

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

40-Zr-87



8

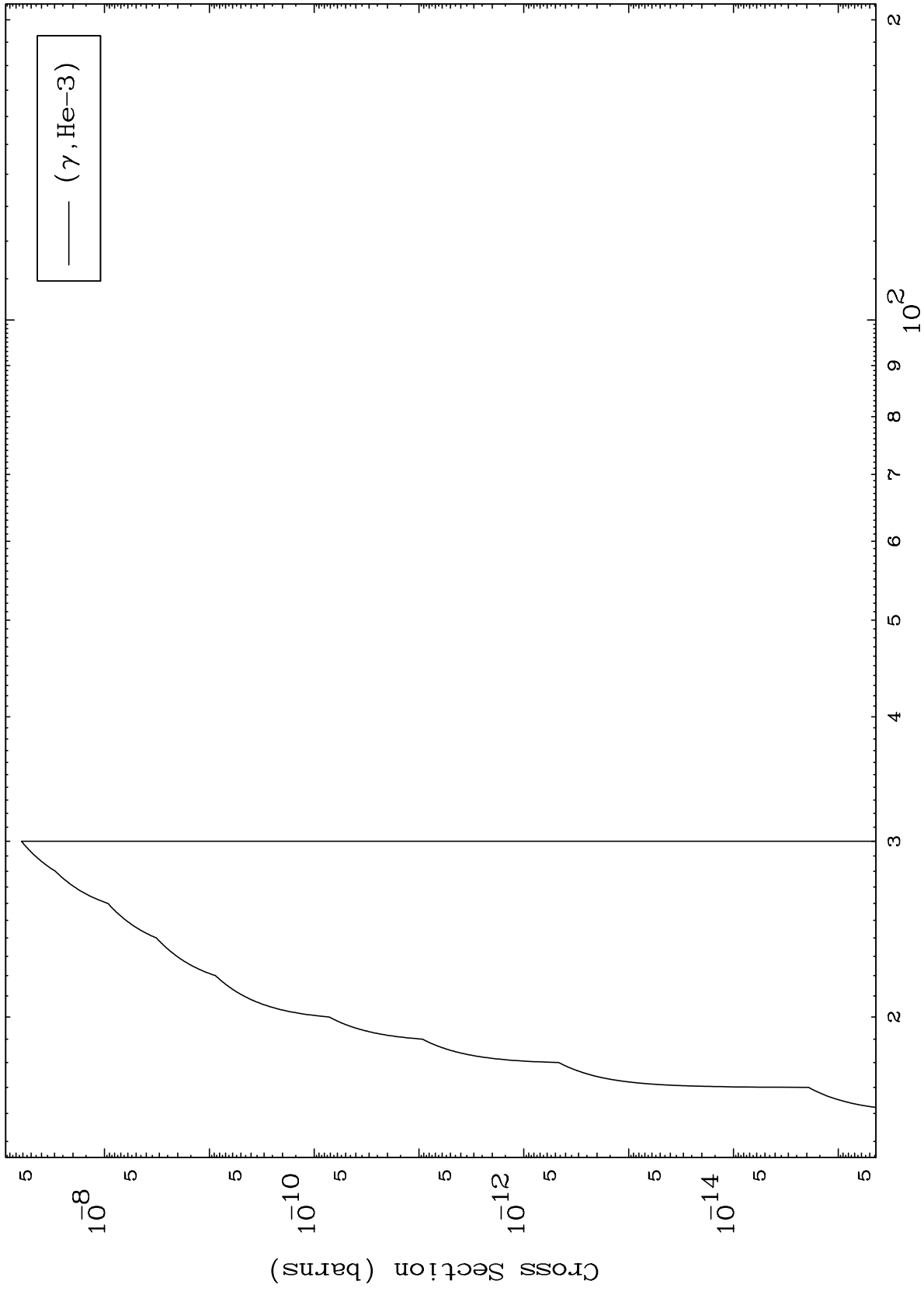
Incident Energy (MeV)

40-Zr-87

MAT 4017

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

40-Zr-87



9

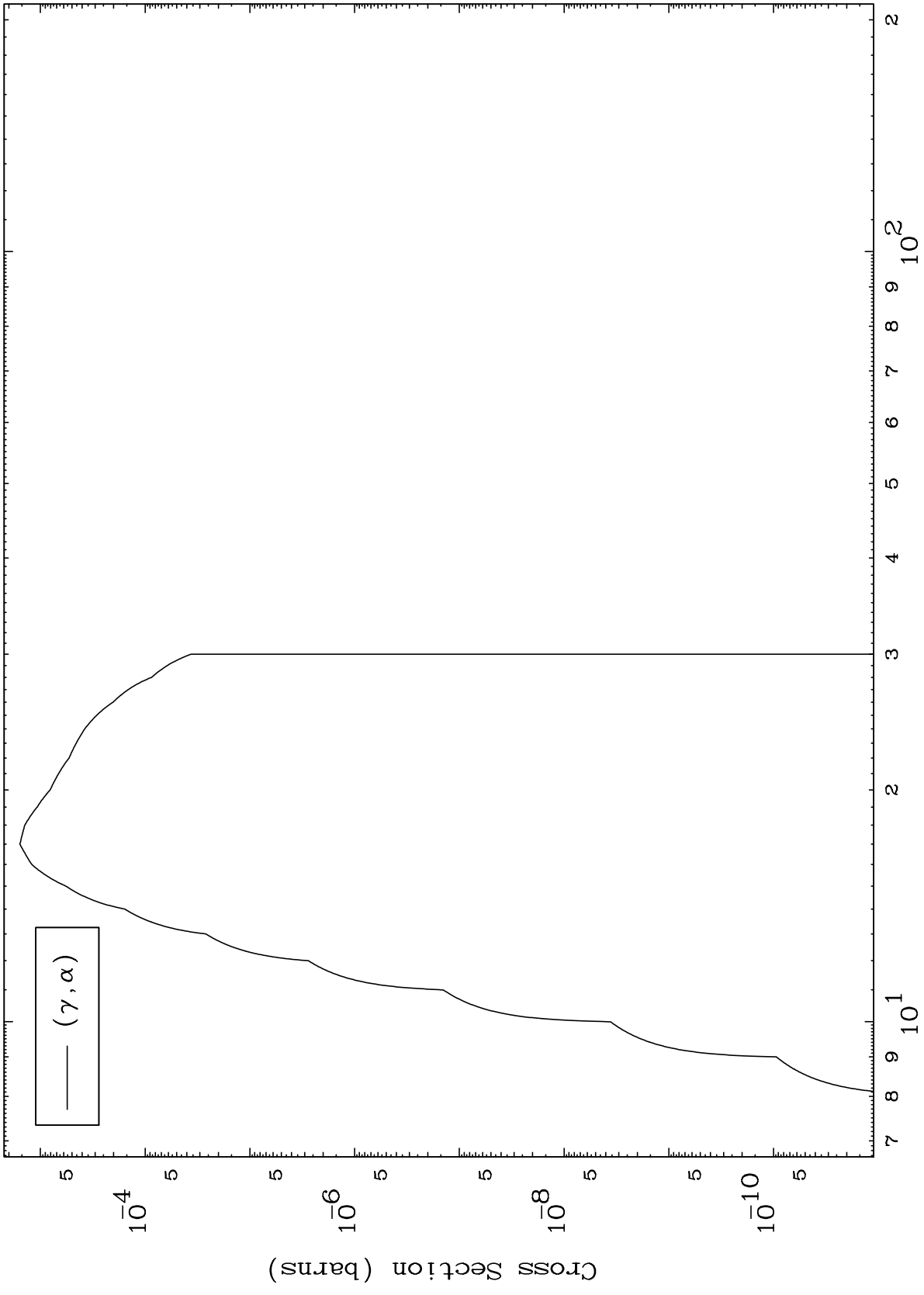
Incident Energy (MeV)

40-Zr-87

MAT 4017

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

40-Zr-87



10

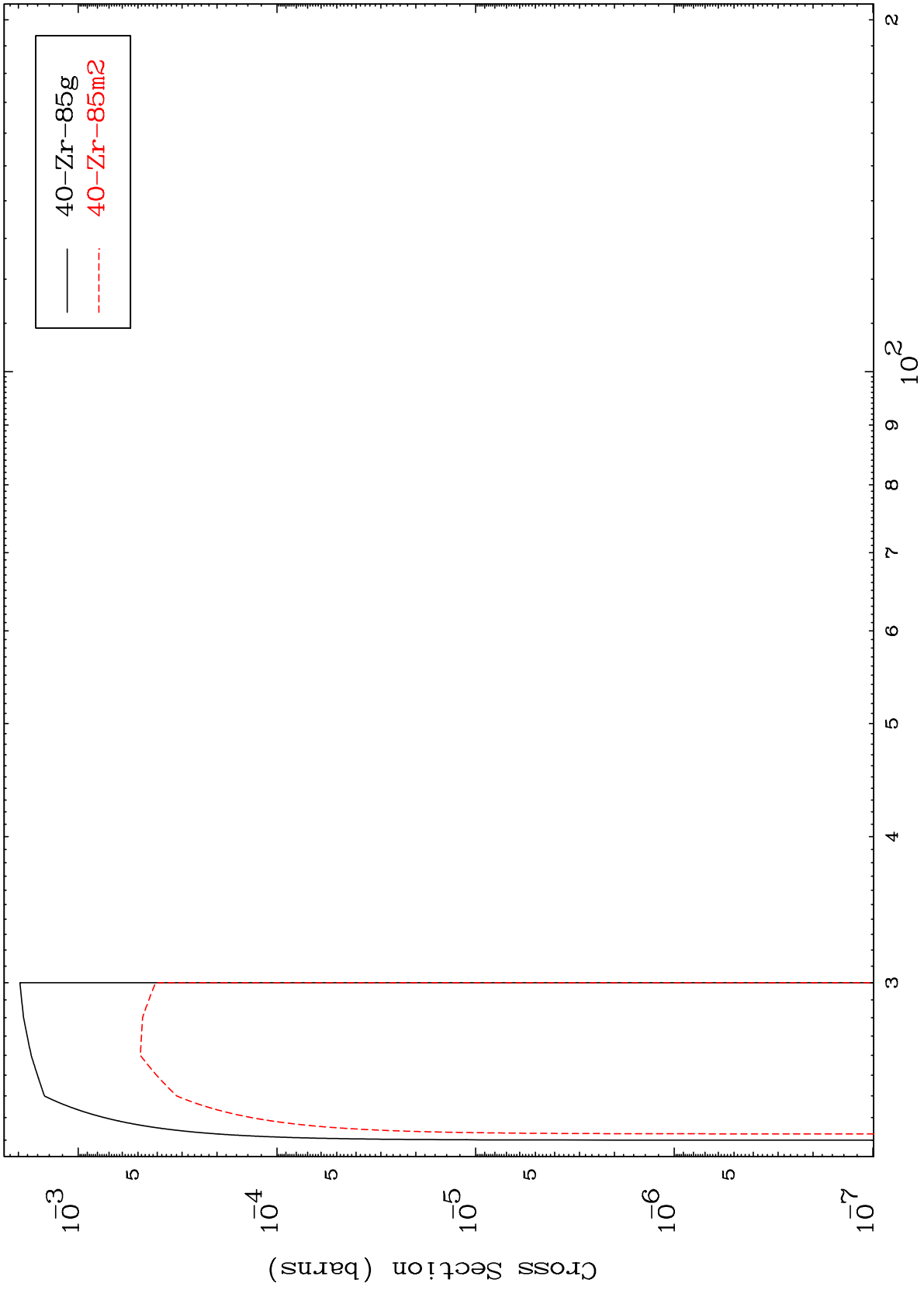
Incident Energy (MeV)

40-Zr-87

MAT 4017

40-Zr-87

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



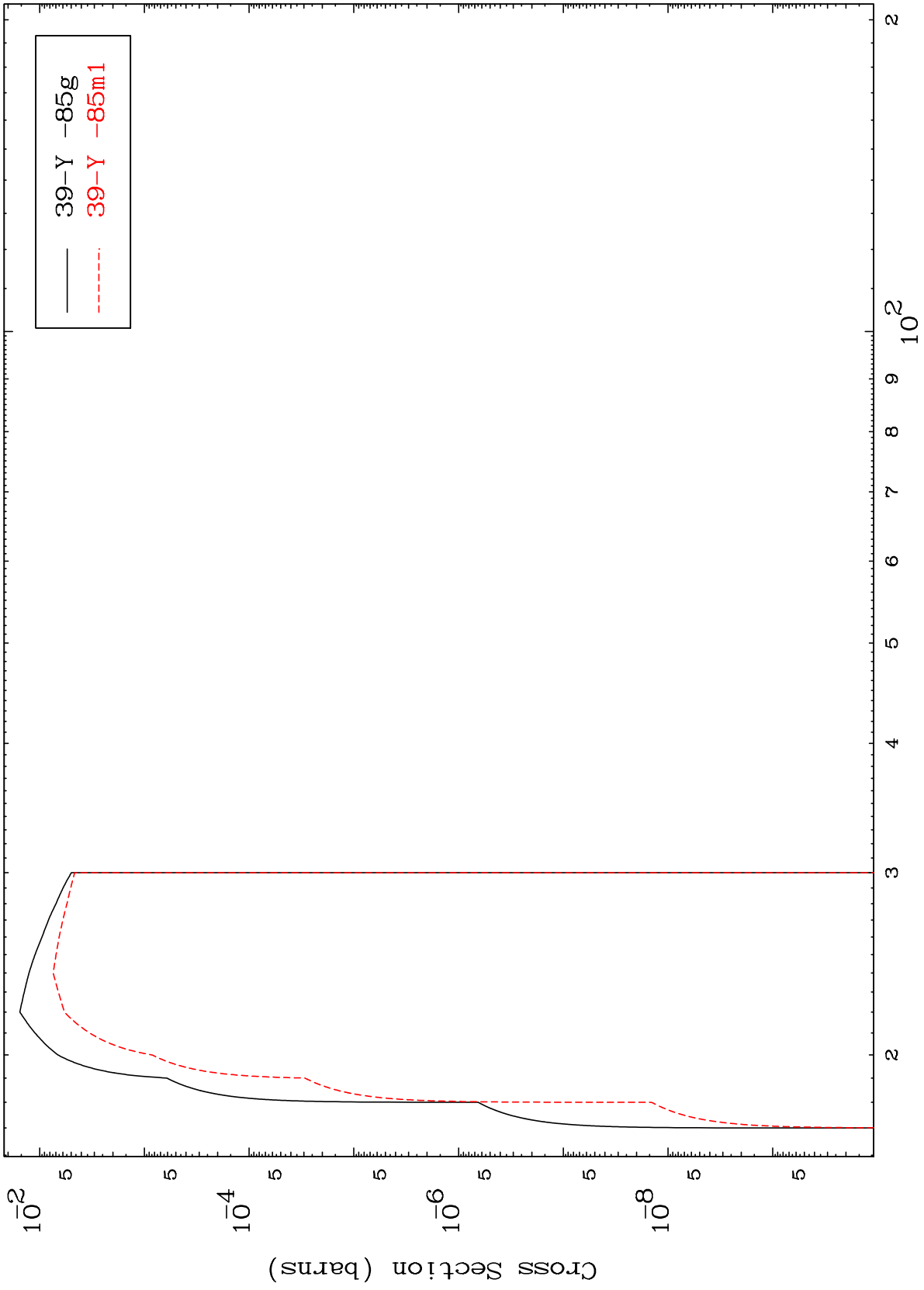
11

40-Zr-87

MAT 4017

40-Zr-87

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



12

Incident Energy (MeV)

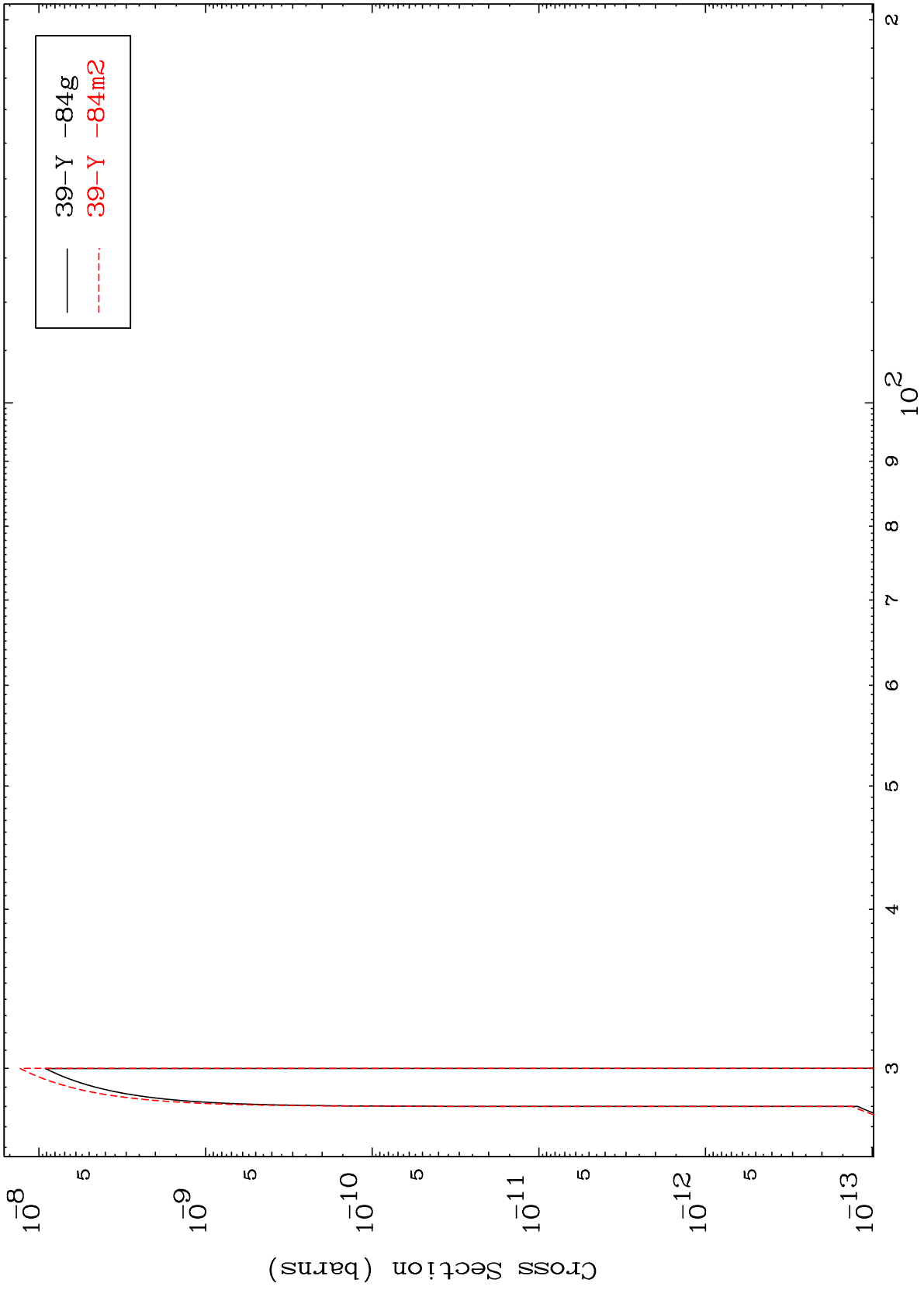
40-Zr-87

MAT 4017

( $\gamma, n'$ ) d

40-Zr-87

Radionuclide Production Cross Section



13

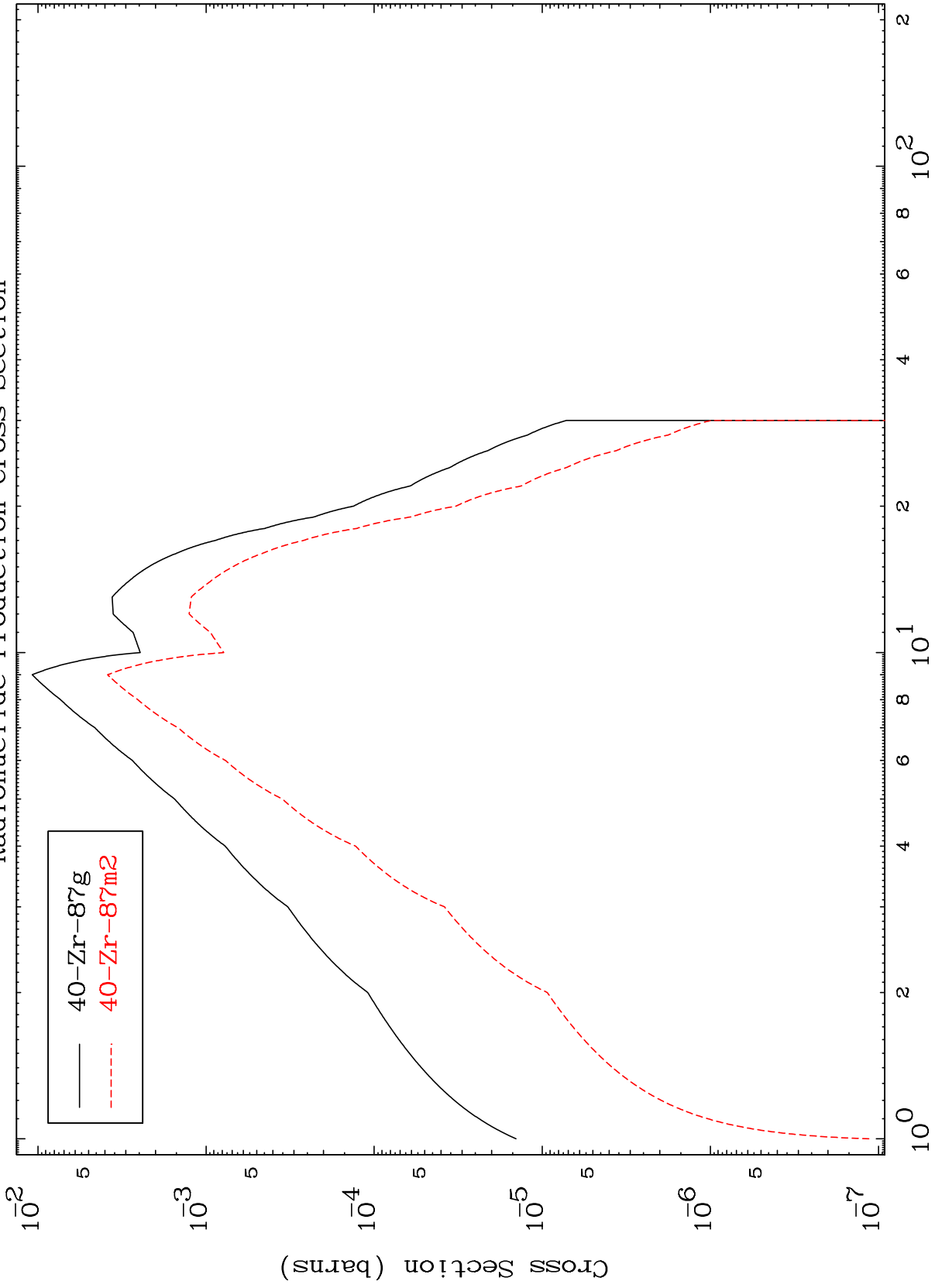
Incident Energy (MeV)

40-Zr-87

MAT 4017

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

40-Zr-87



14

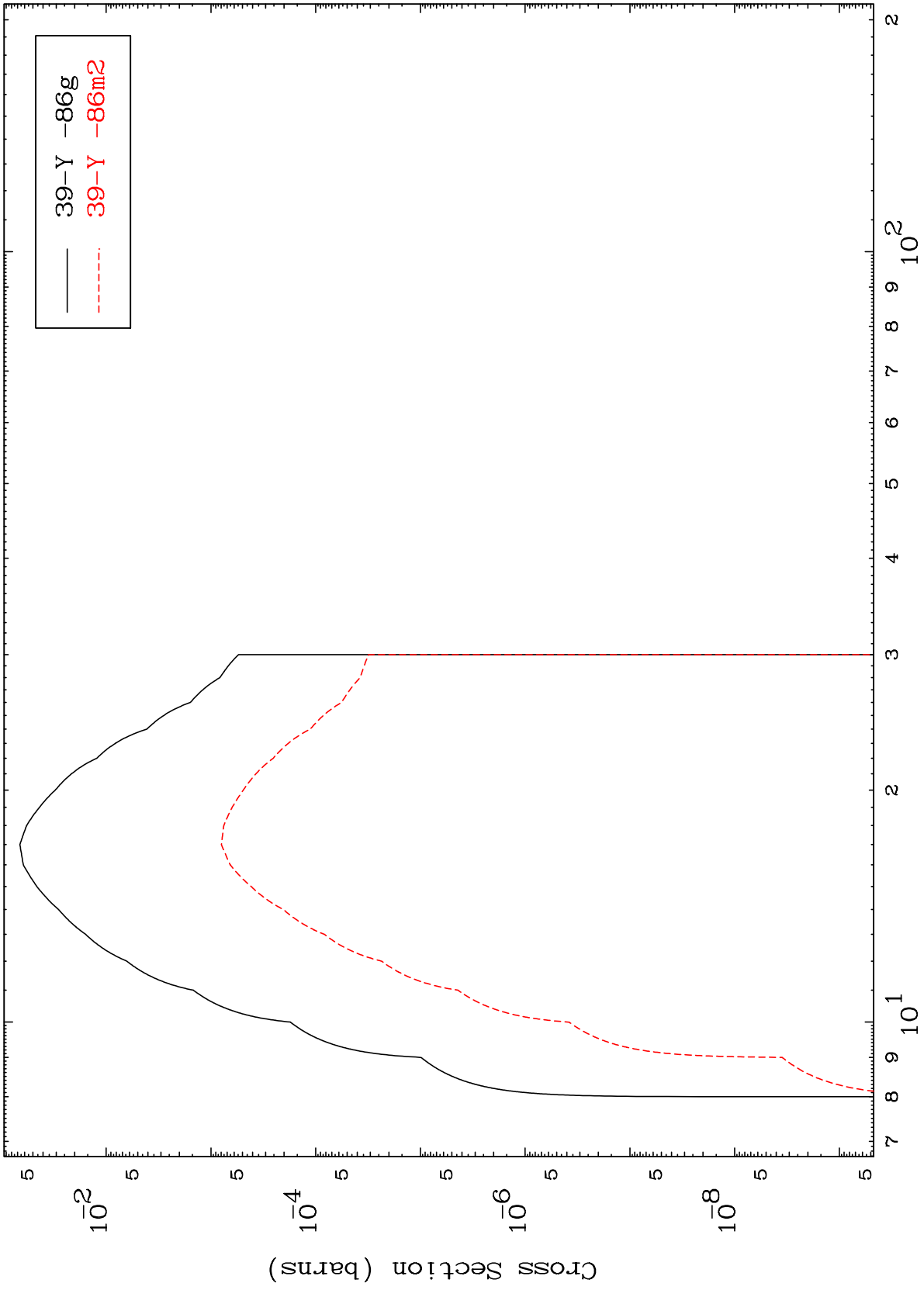
Incident Energy (MeV)

40-Zr-87

MAT 4017

40-Zr-87

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



15

Incident Energy (MeV)

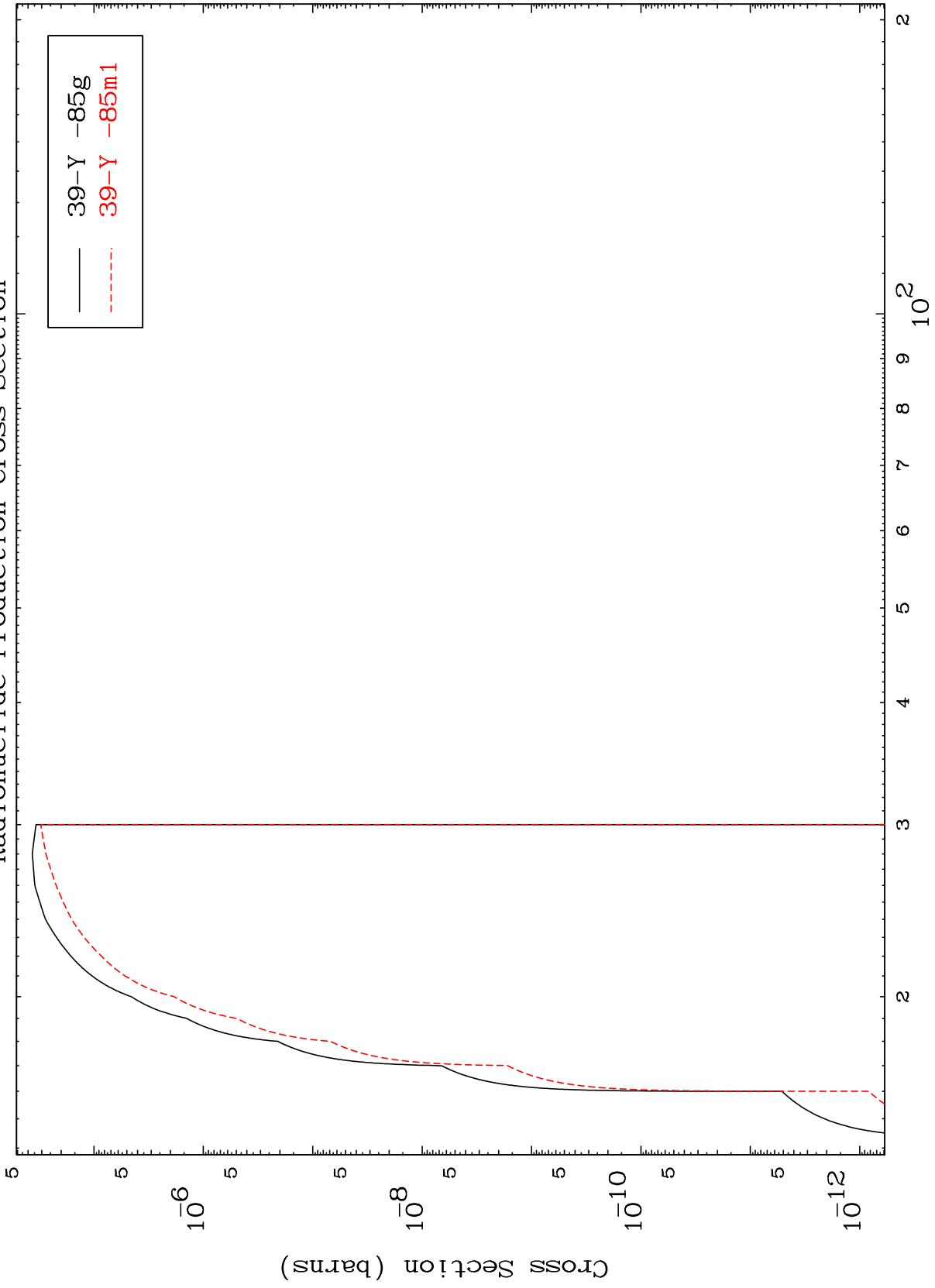
40-Zr-87



MAT 4017

40-Zr-87

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



16

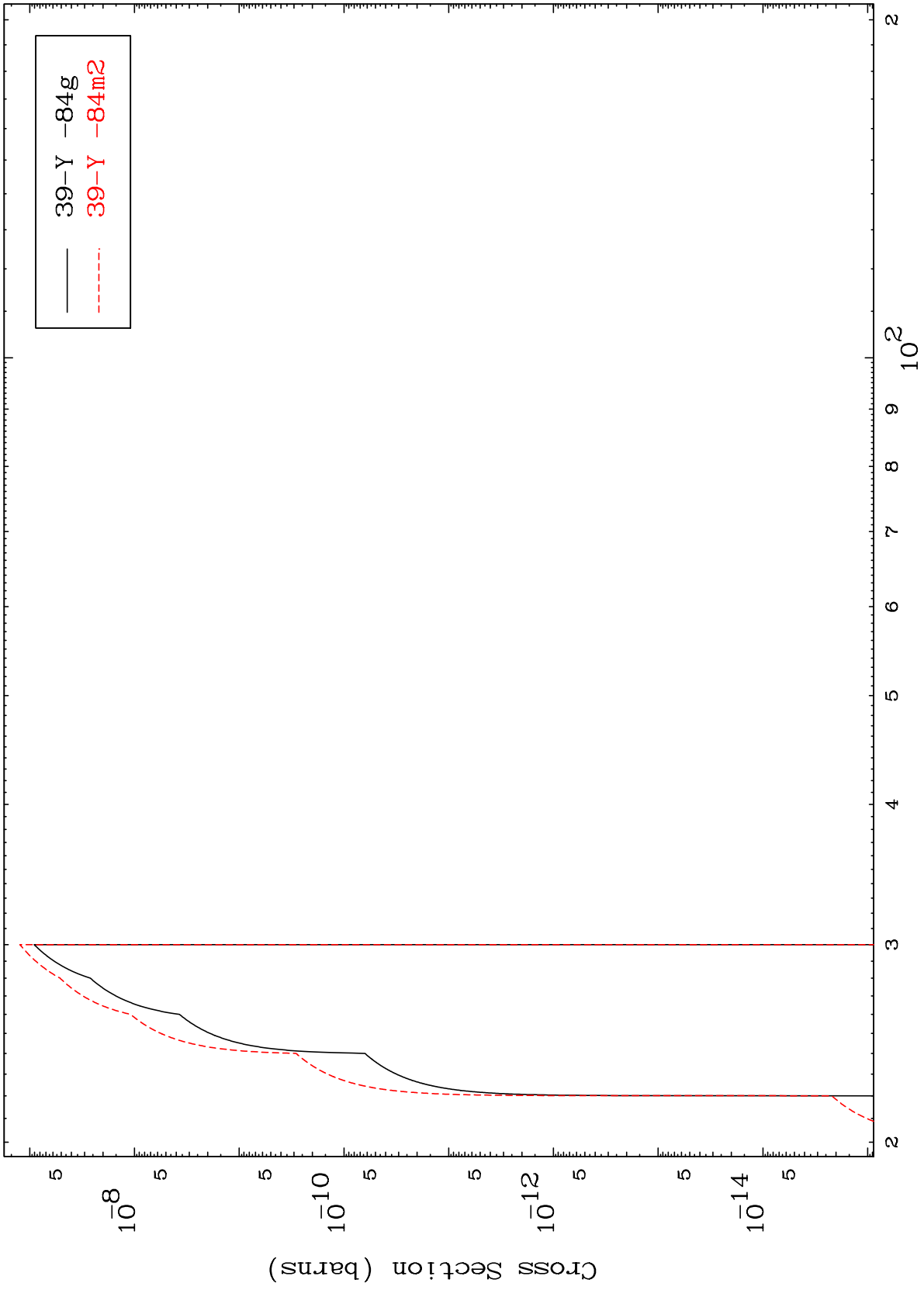
Incident Energy (MeV)

40-Zr-87

MAT 4017

40-Zr-87

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



17

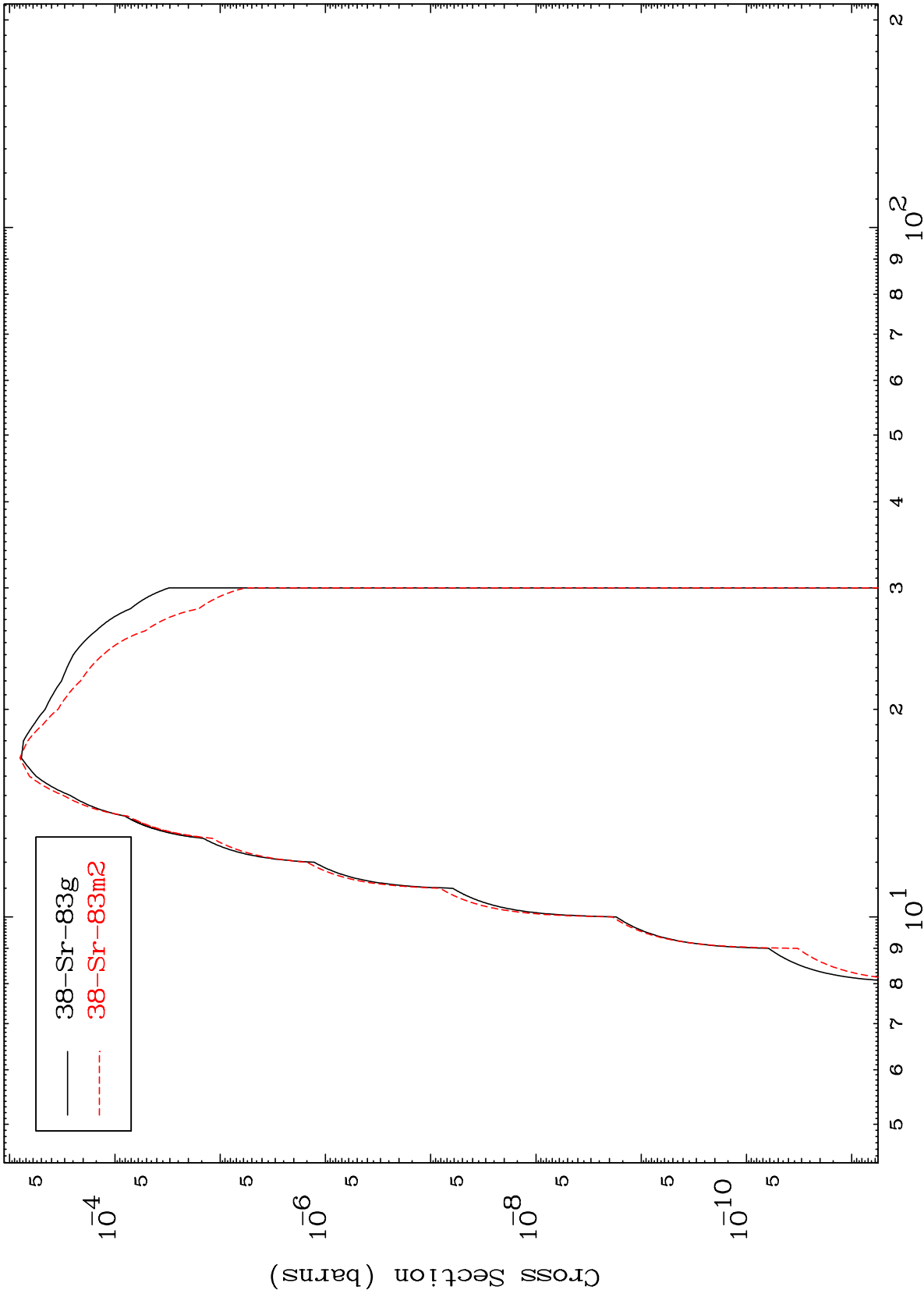
40-Zr-87

MAT 4017

40-Zr-87

Radionuclide Production Cross Section

( $\gamma, \alpha$ )



38-Sr-83g  
38-Sr-83m2

18

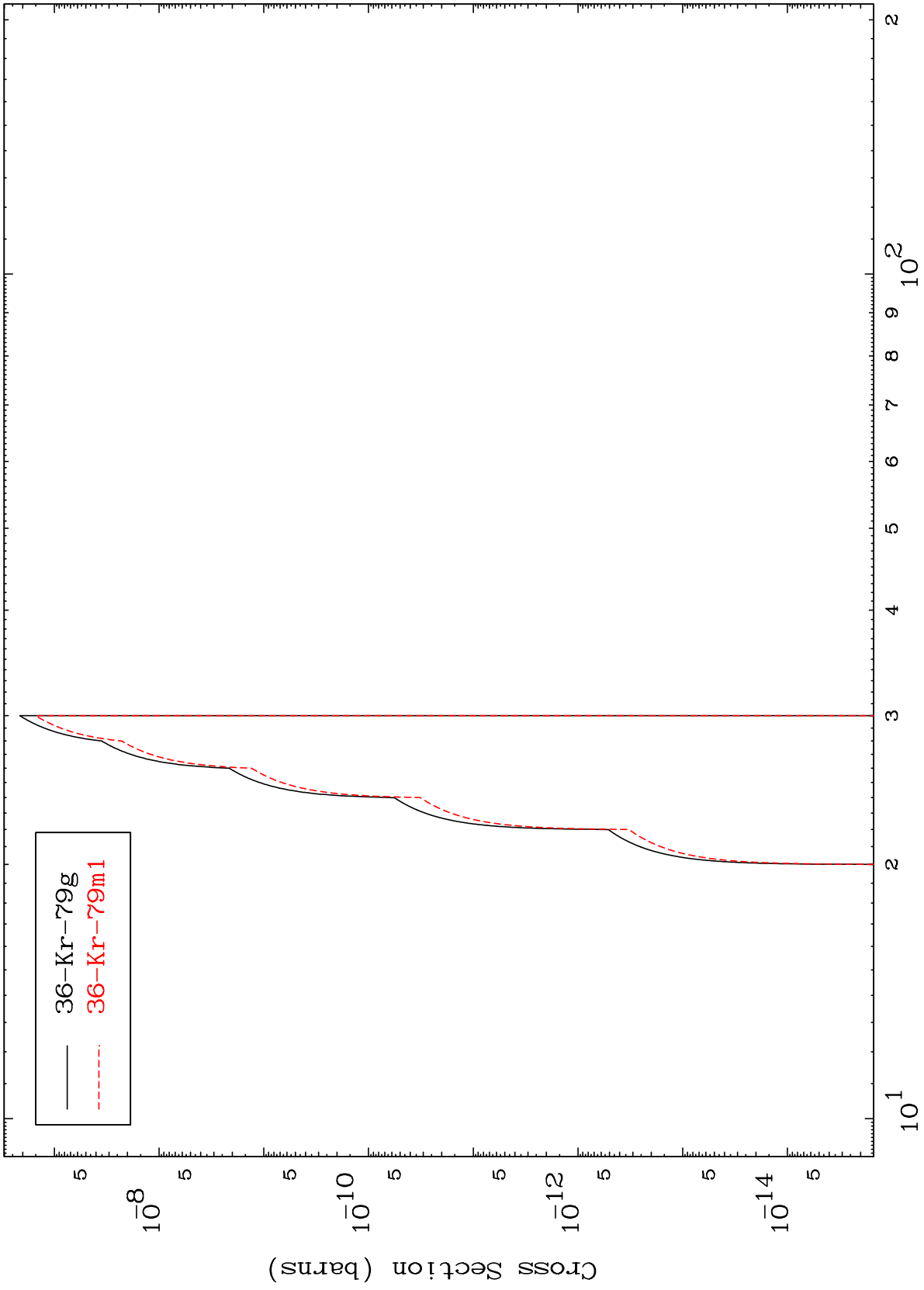
Incident Energy (MeV)

40-Zr-87

MAT 4017

40-Zr-87

Radionuclide Production Cross Section  
( $\gamma, 2\alpha$ )



19

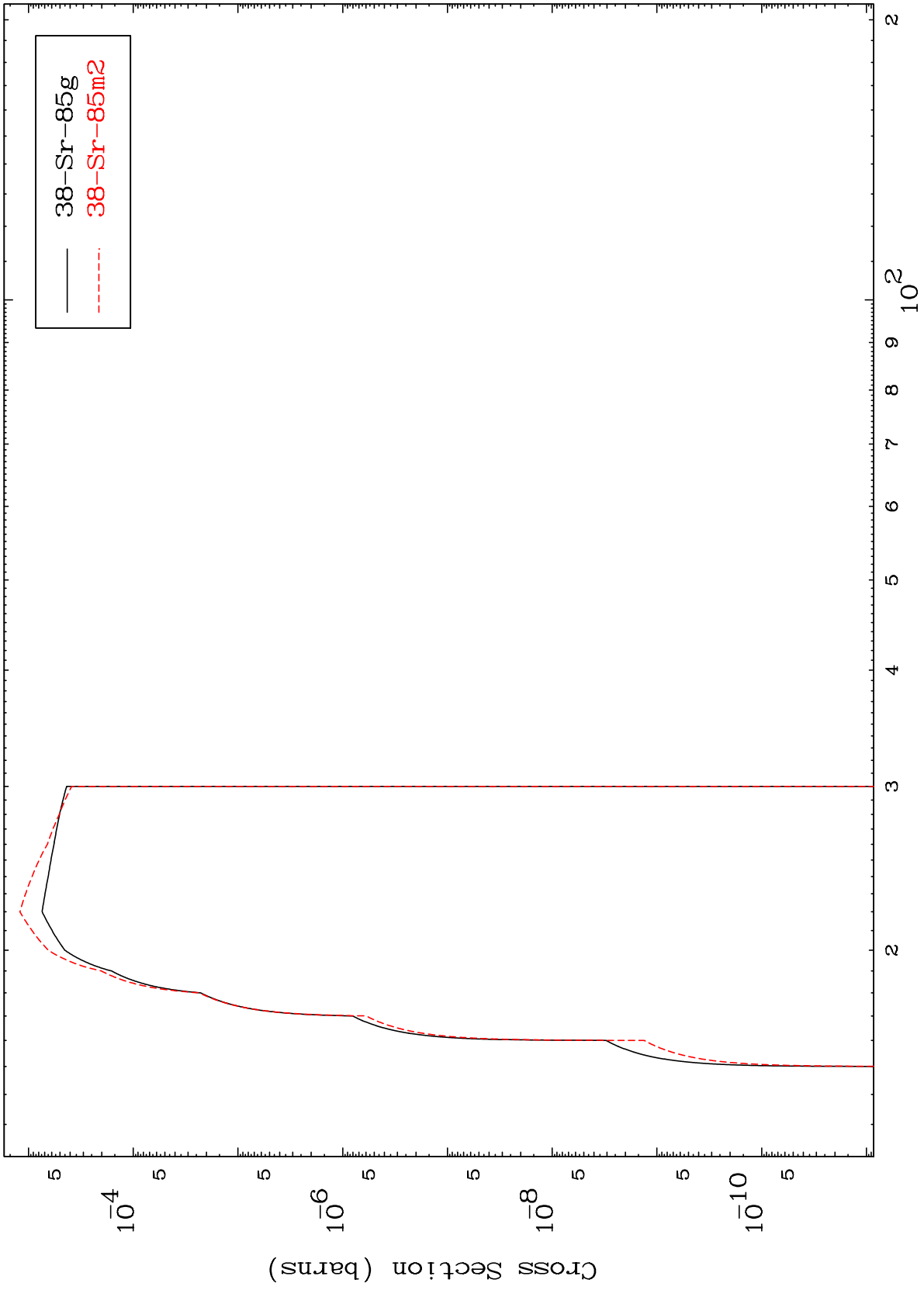
Incident Energy (MeV)

40-Zr-87

MAT 4017

40-Zr-87

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



20

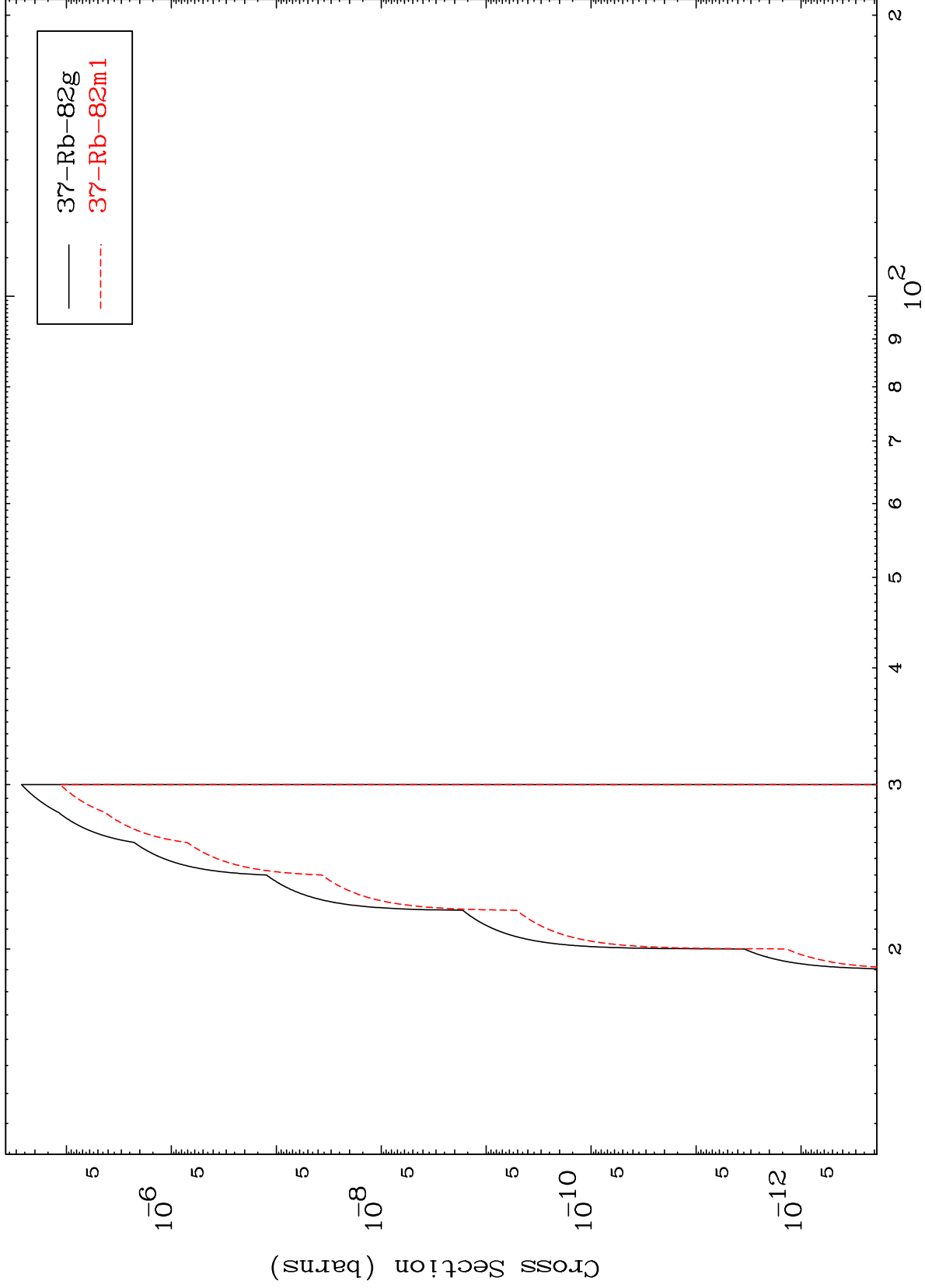
40-Zr-87

MAT 4017

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

40-Zr-87

Radionuclide Production Cross Section



21

Incident Energy (MeV)

40-Zr-87