

Program EVALPLOT  
(Version 2018-1)

by

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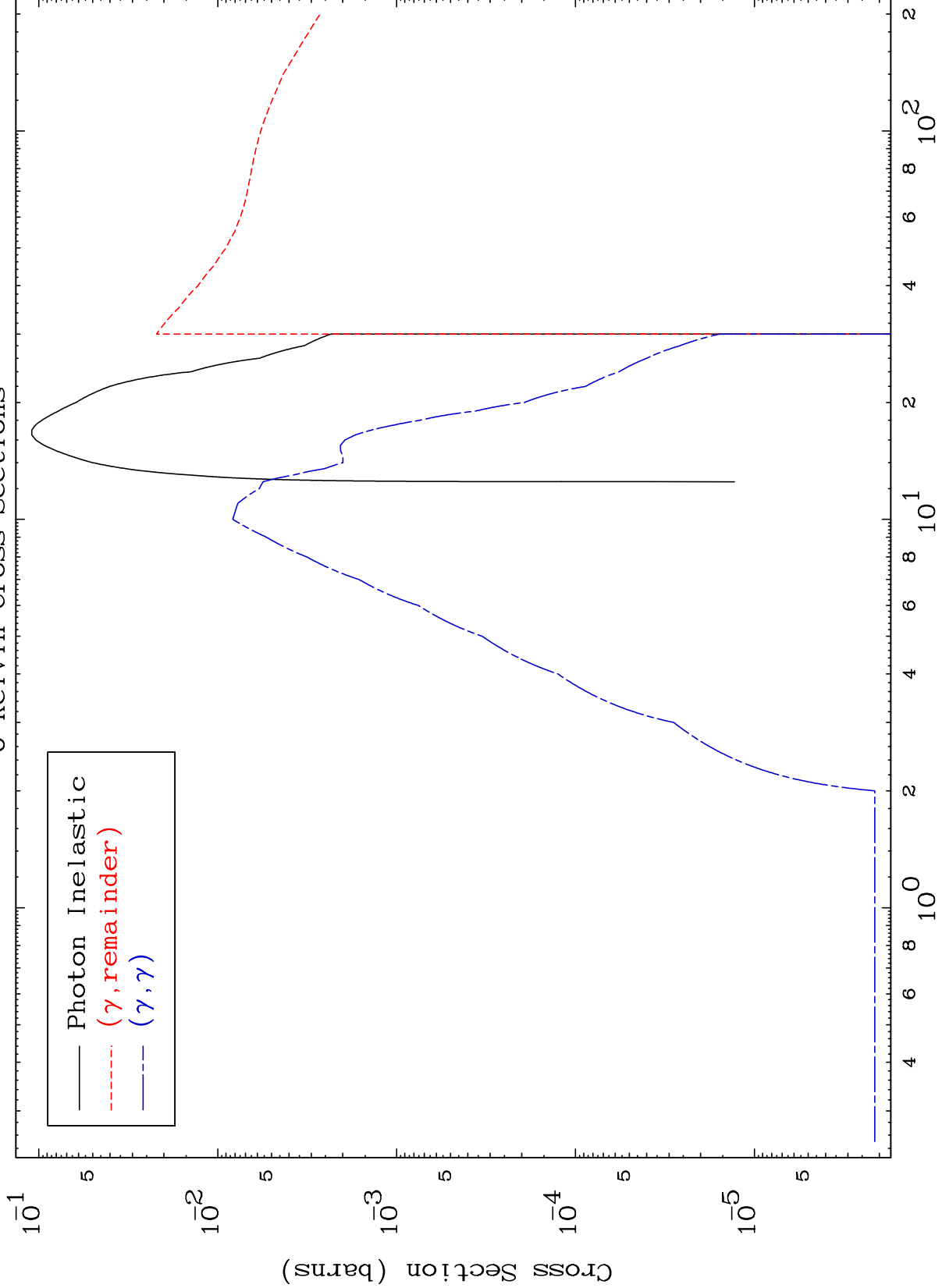
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 4019

Photon Major  
0 Kelvin Cross Sections

40-Zr-88



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

1

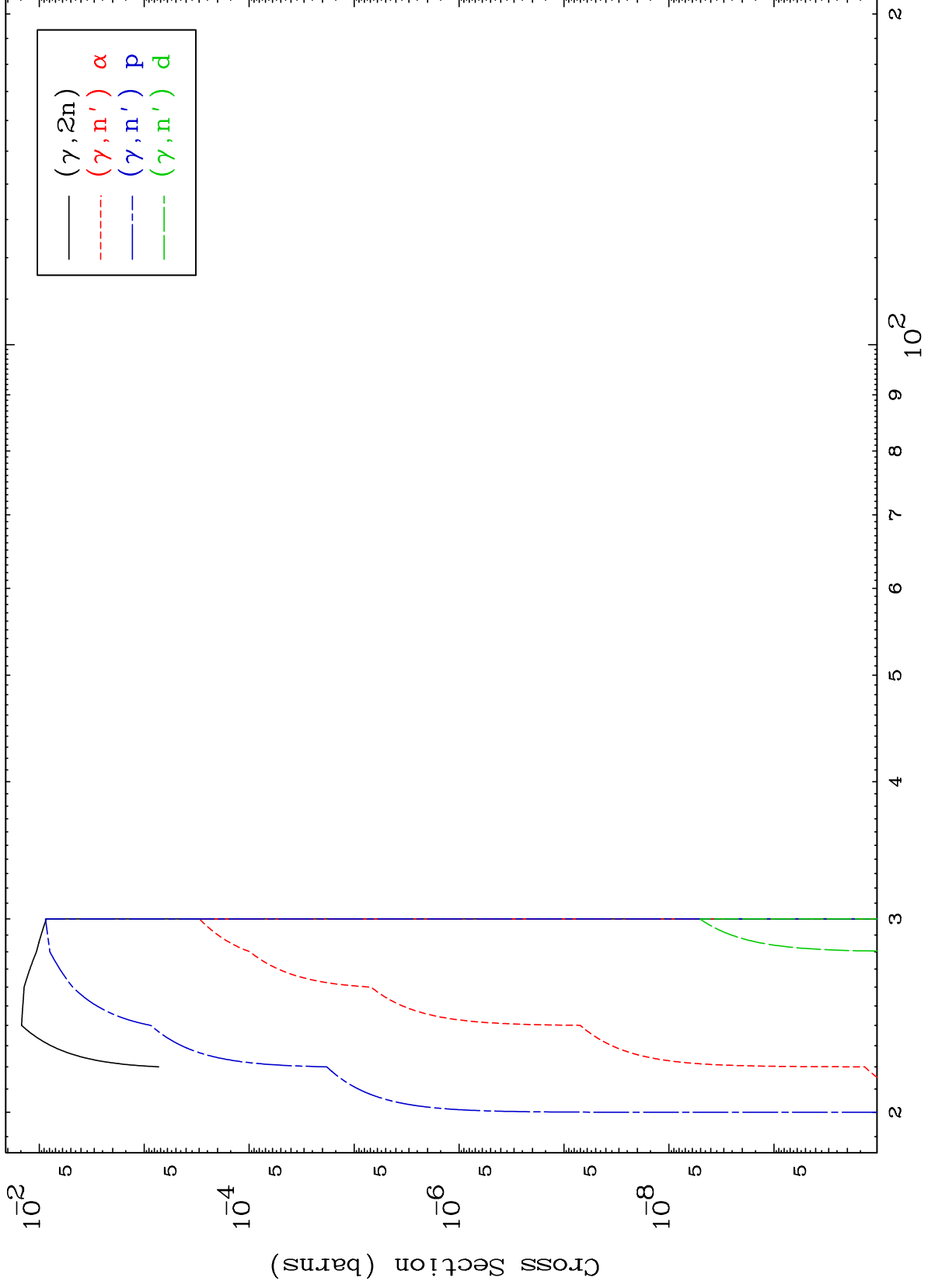
Incident Energy (MeV)

40-Zr-88

MAT 4019

Photon Neutron Production  
0 Kelvin Cross Sections

40-Zr-88



40-Zr-88

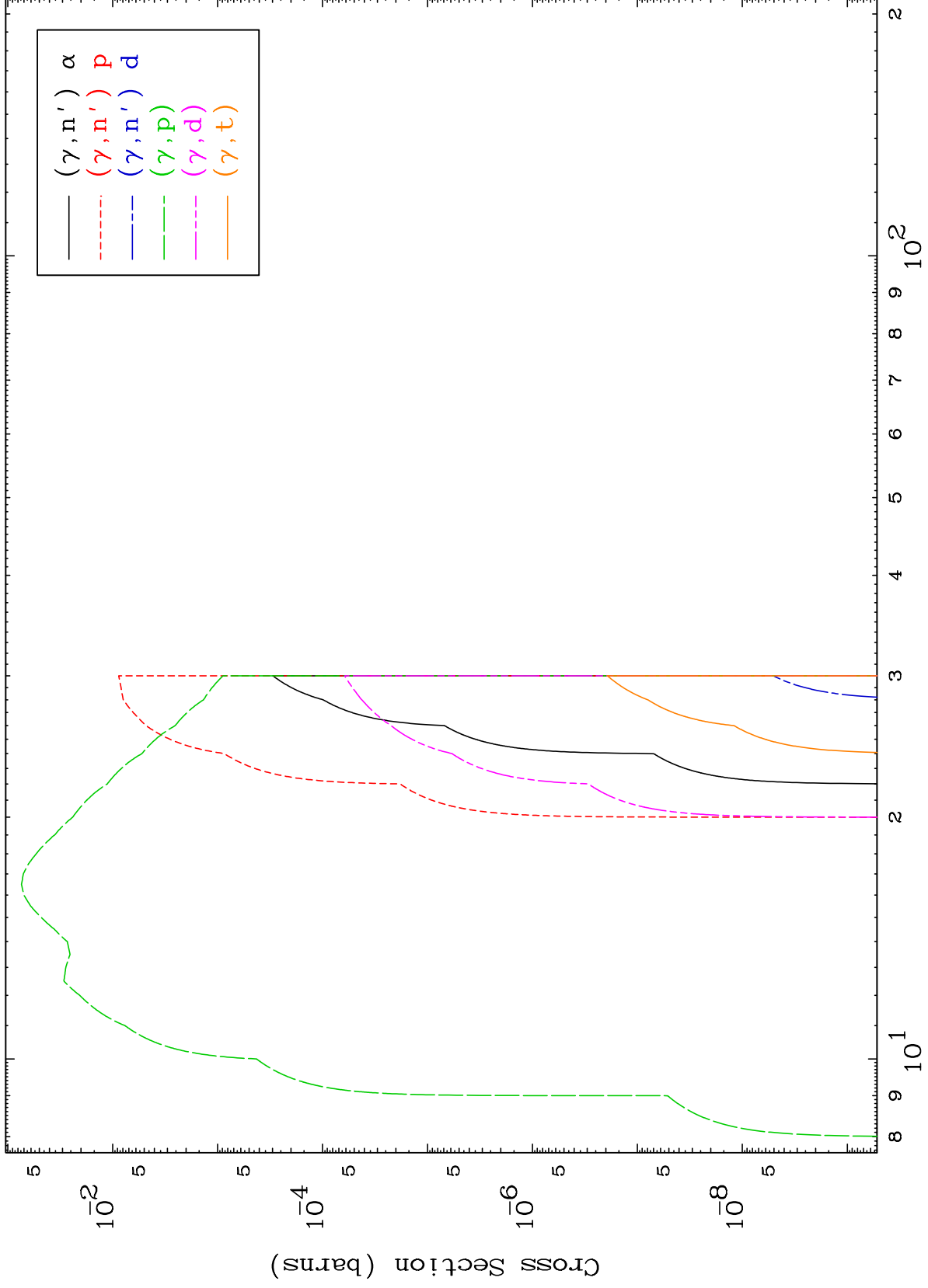
Incident Energy (MeV)

2

MAT 4019

Photon Charged Particle  
0 Kelvin Cross Sections

40-Zr-88



40-Zr-88

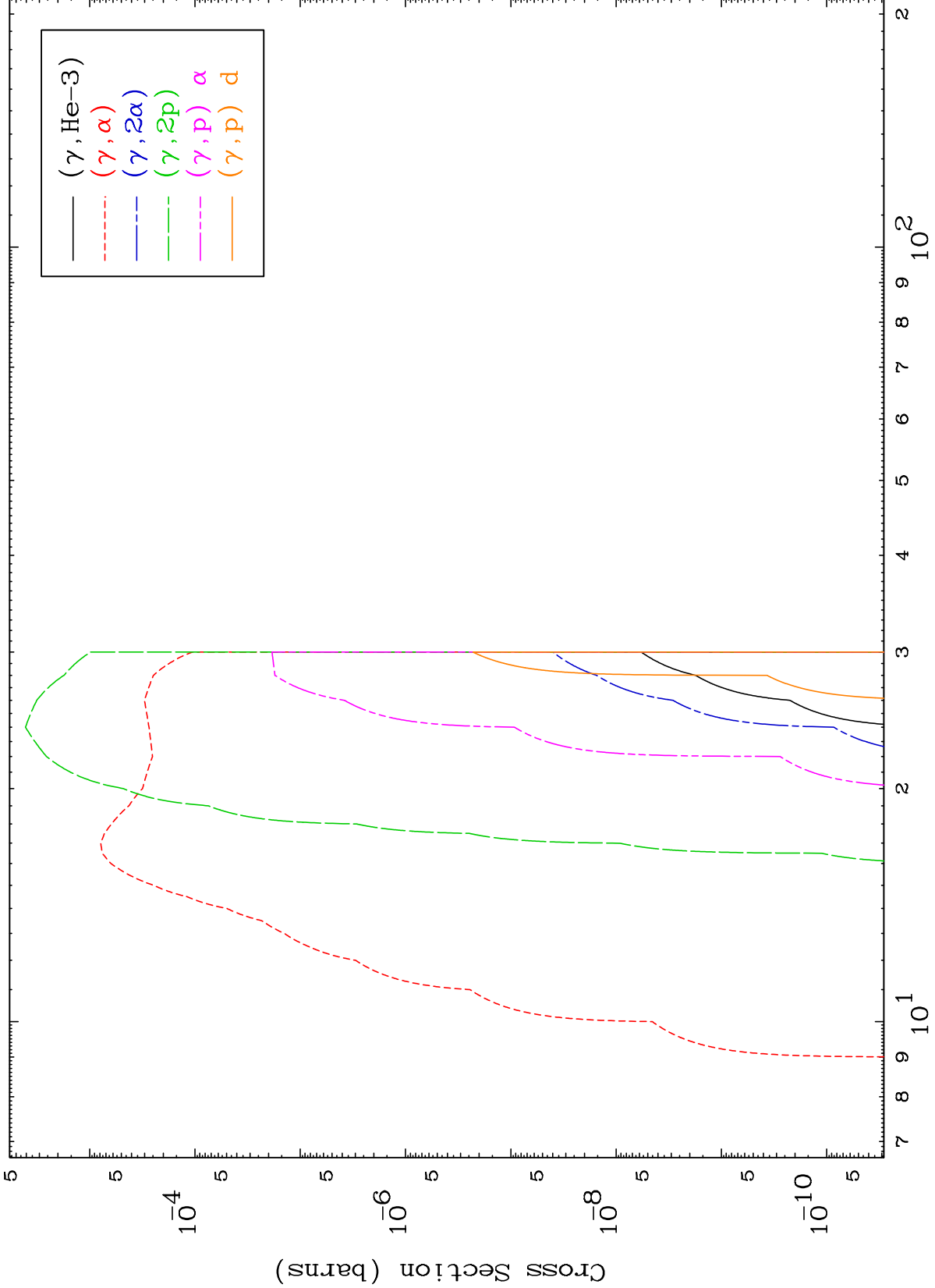
Incident Energy (MeV)

3

MAT 4019

Photon Charged Particle  
0 Kelvin Cross Sections

40-Zr-88



4

Incident Energy (MeV)

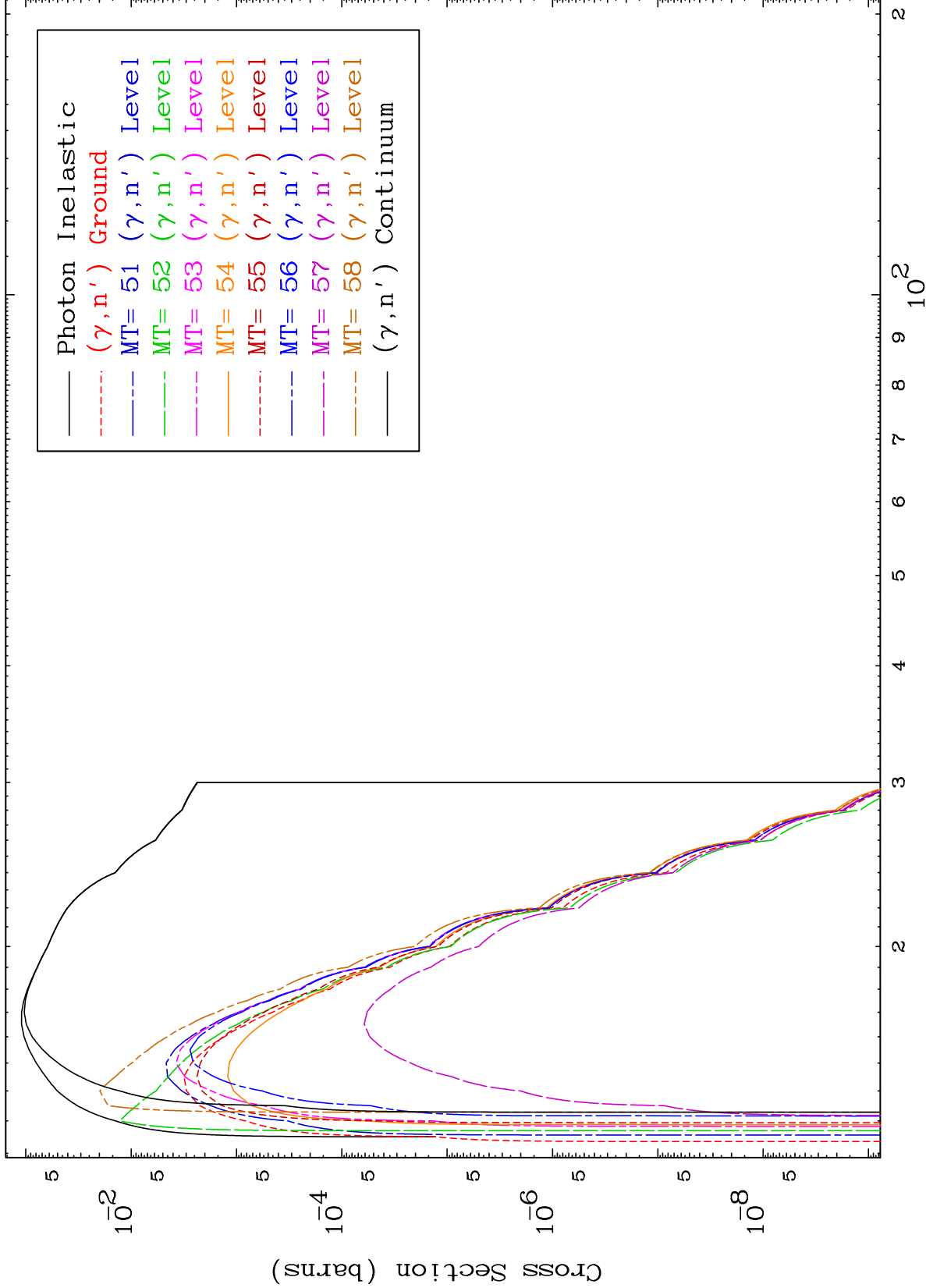
40-Zr-88

MAT 4019

$(\gamma, n')$  Level

40-Zr-88

0 Kelvin Cross Sections



5

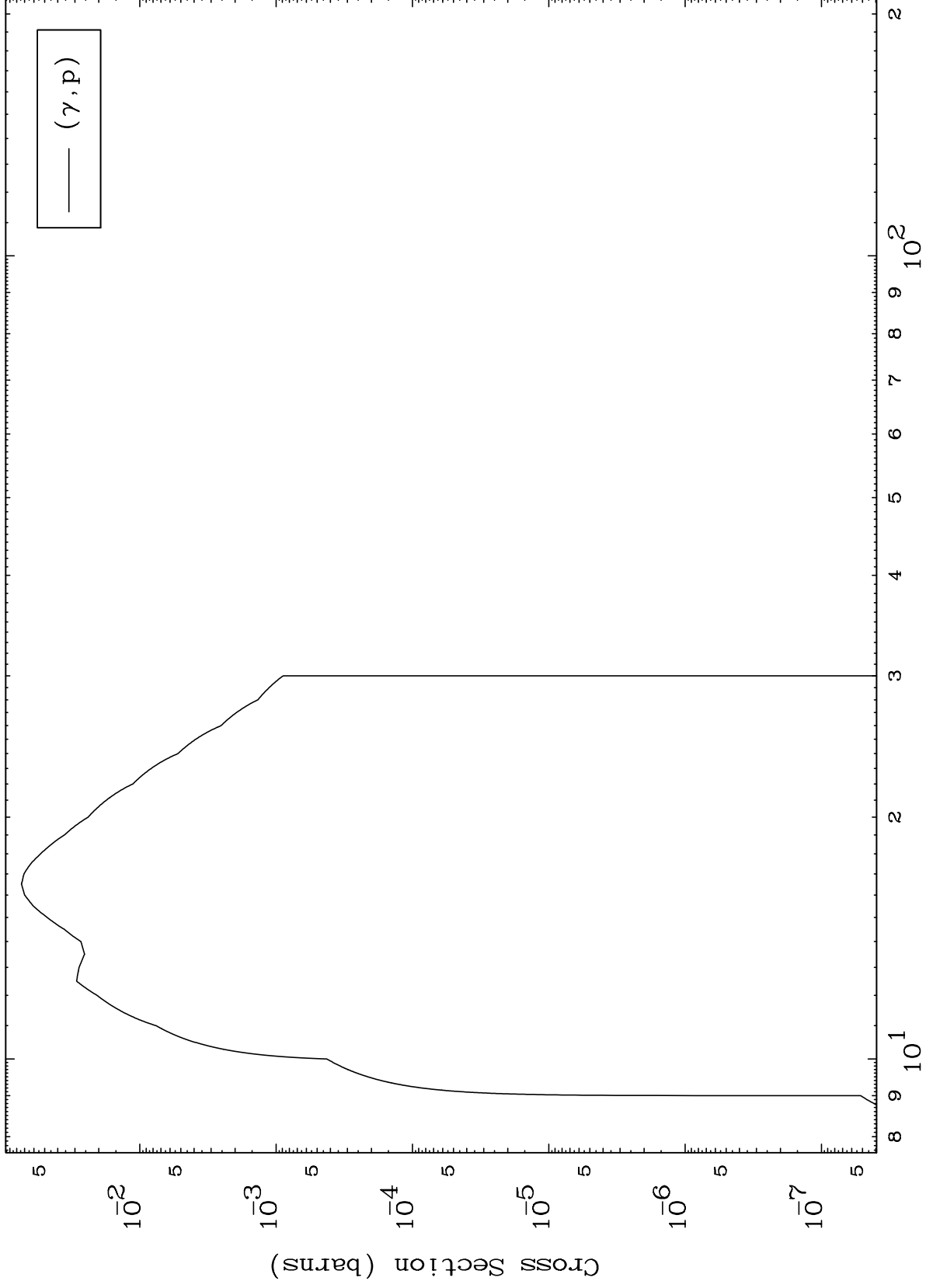
Incident Energy (MeV)

40-Zr-88

MAT 4019

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

40-Zr-88



6

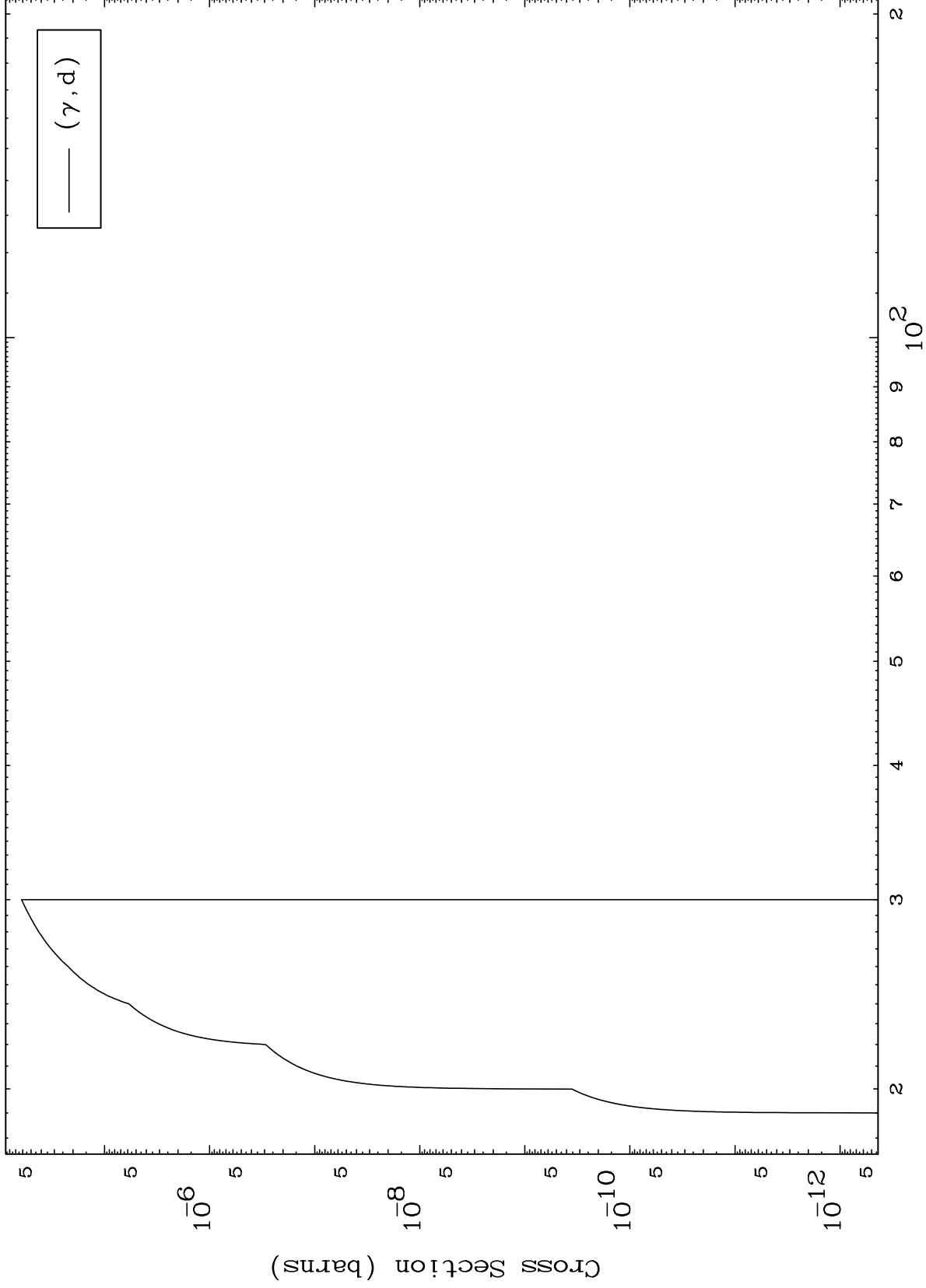
Incident Energy (MeV)

40-Zr-88

MAT 4019

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

40-Zr-88



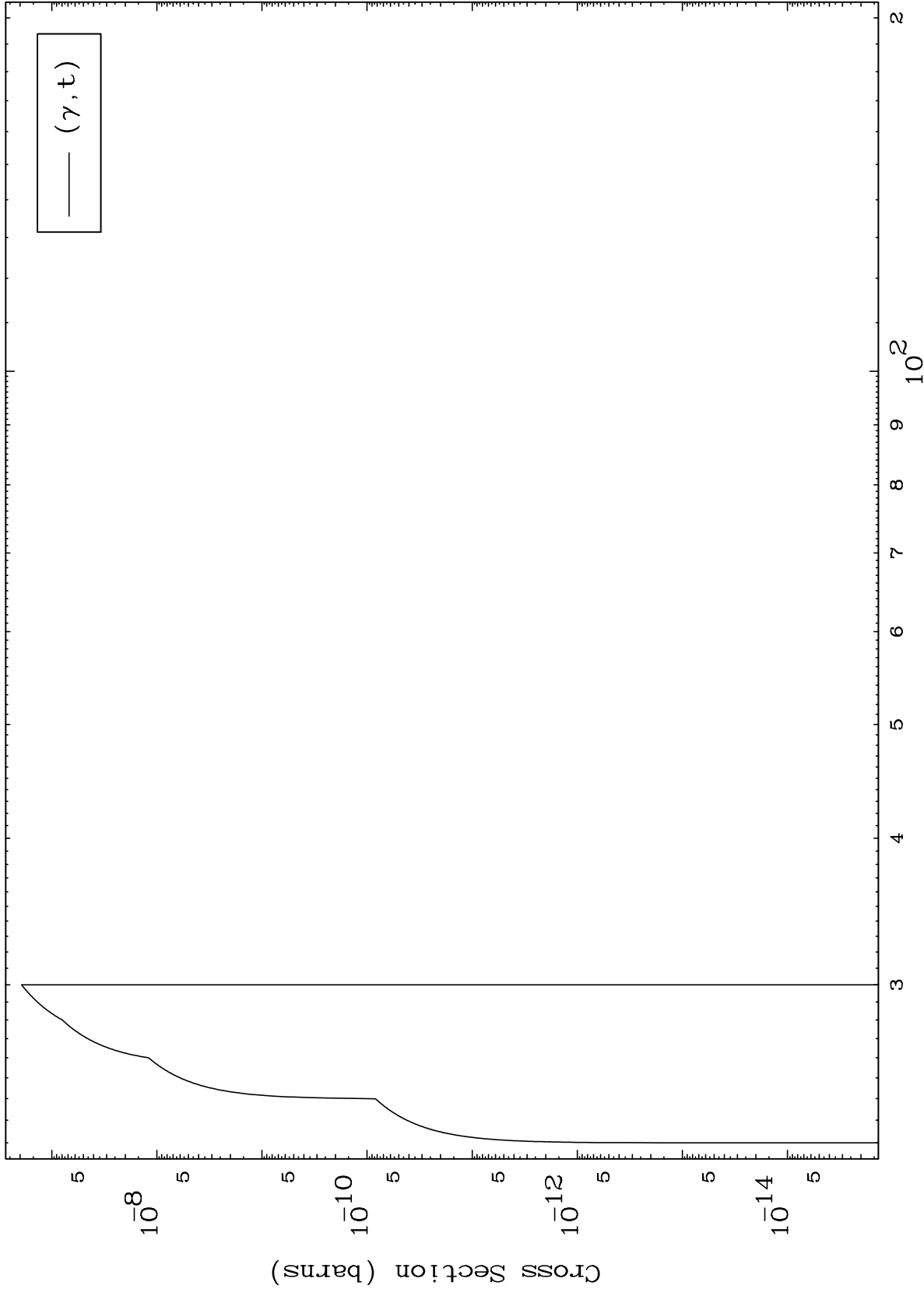
7

Incident Energy (MeV)

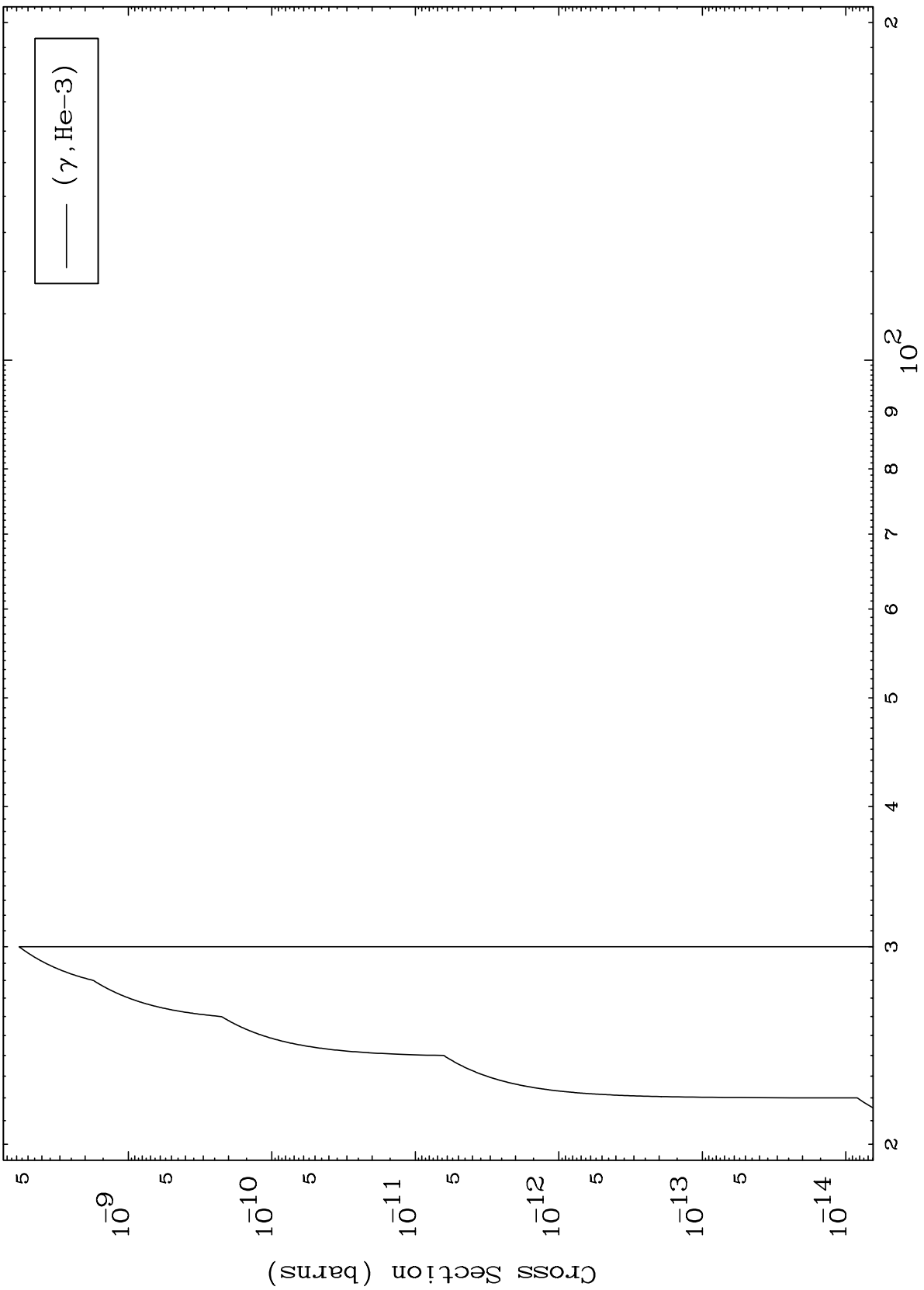
40-Zr-88



0 Kelvin Cross Sections



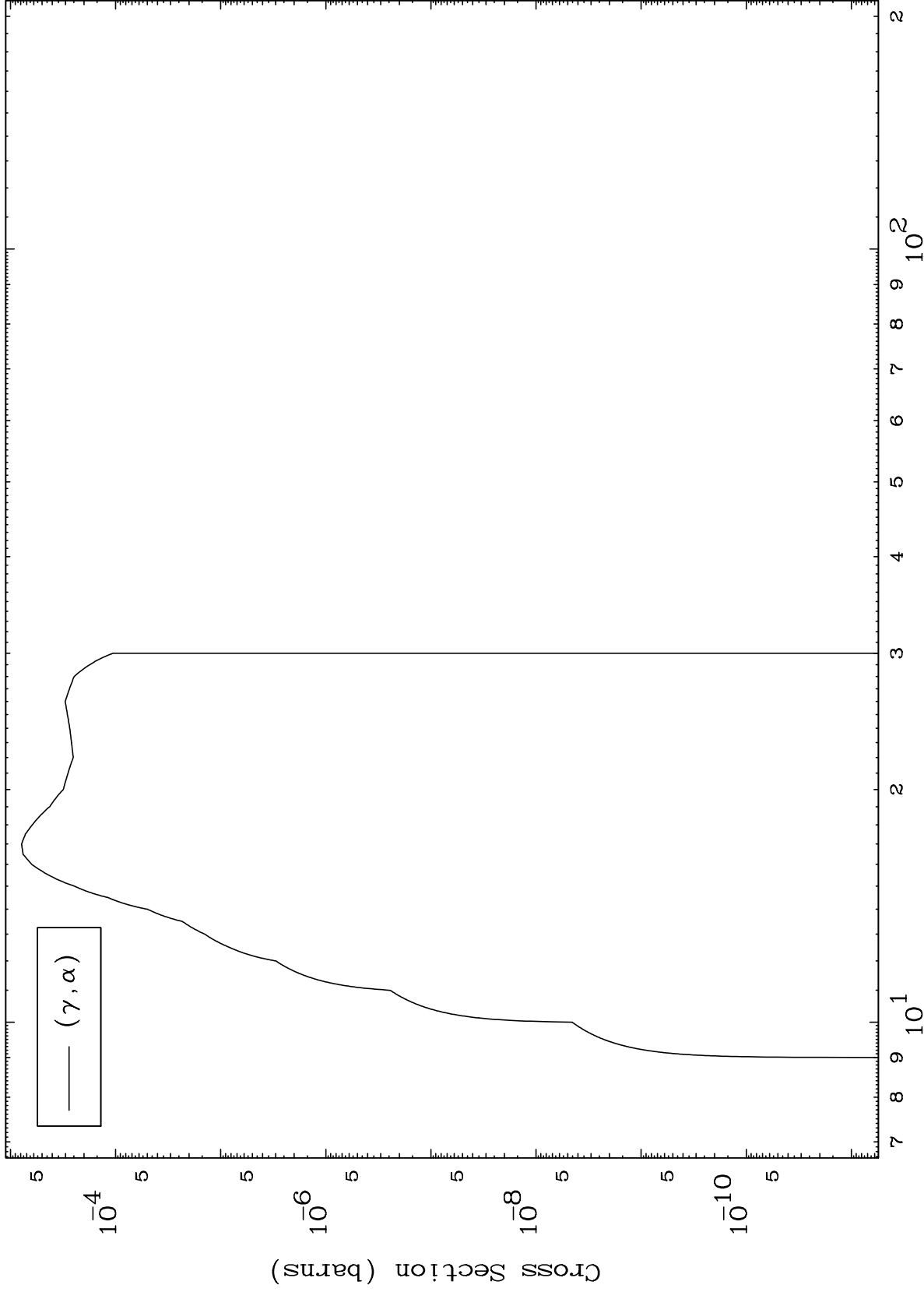
( $\gamma, \text{He-3}$ ) Levels  
0 Kelvin Cross Sections



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

40-Zr-88



10

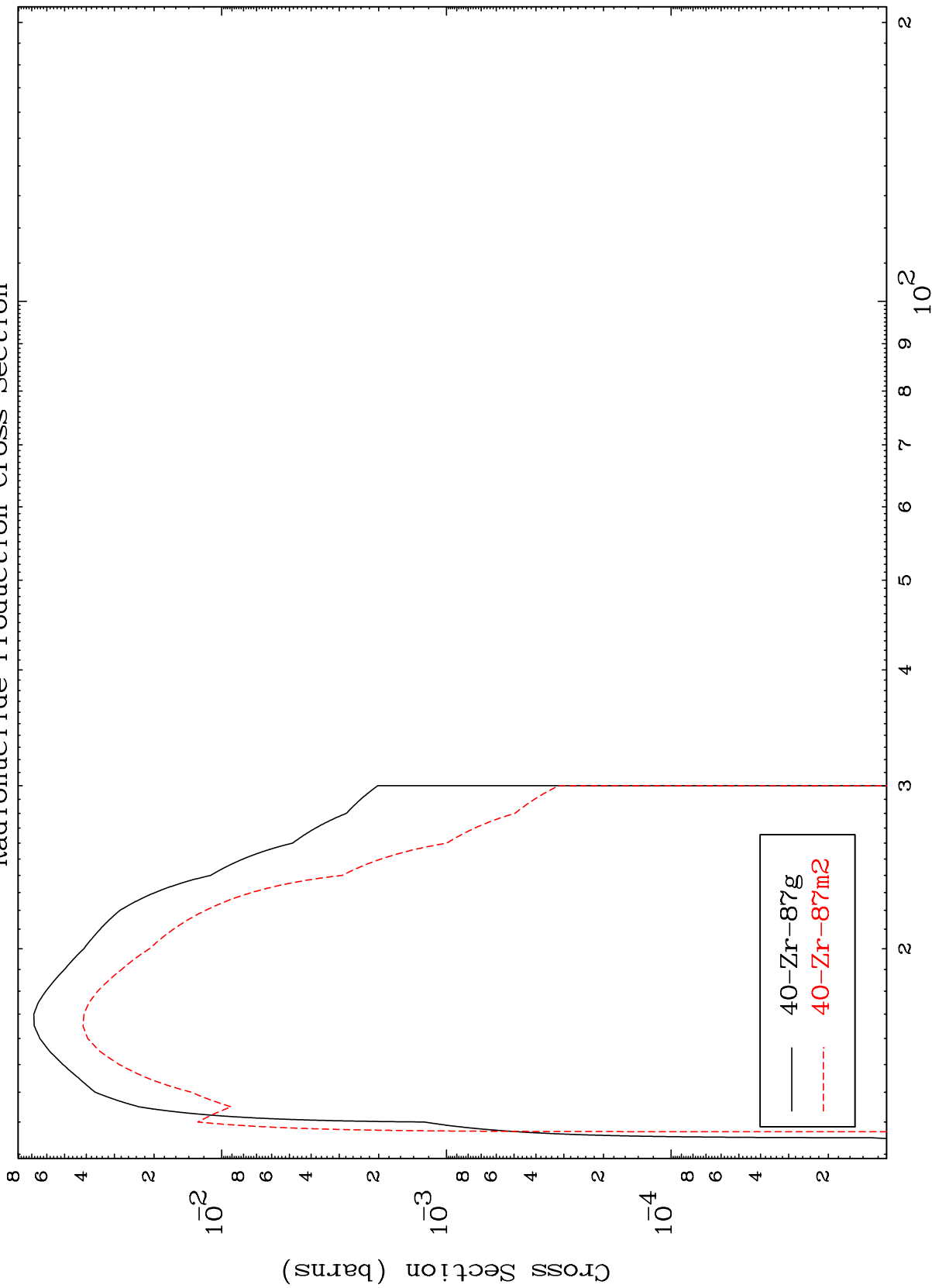
Incident Energy (MeV)

40-Zr-88

MAT 4019

40-Zr-88

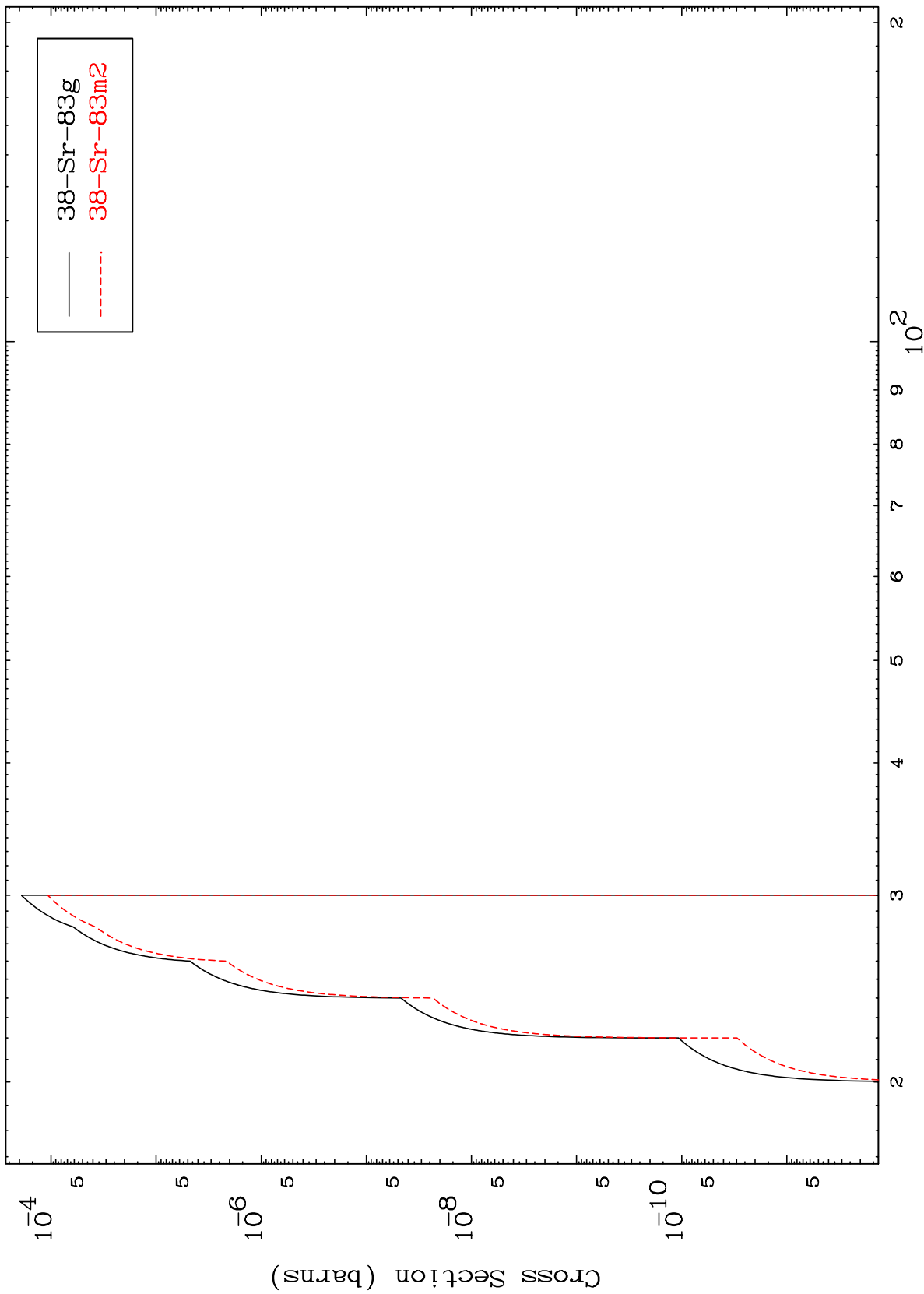
Photon Inelastic  
Radionuclide Production Cross Section



40-Zr-88

Incident Energy (MeV)

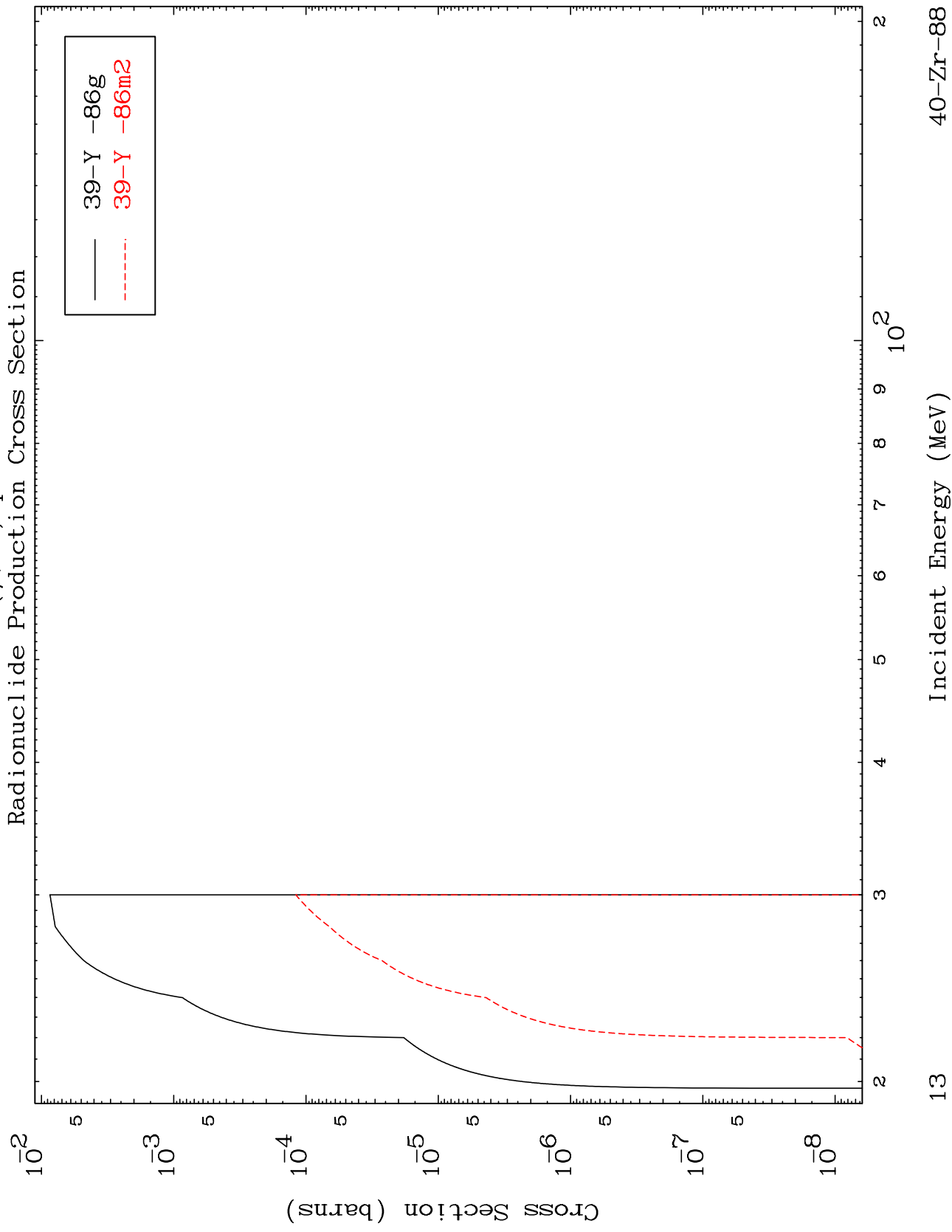
Radionuclide Production Cross Section



MAT 4019

( $\gamma, n'$ ) p

40-Zr-88



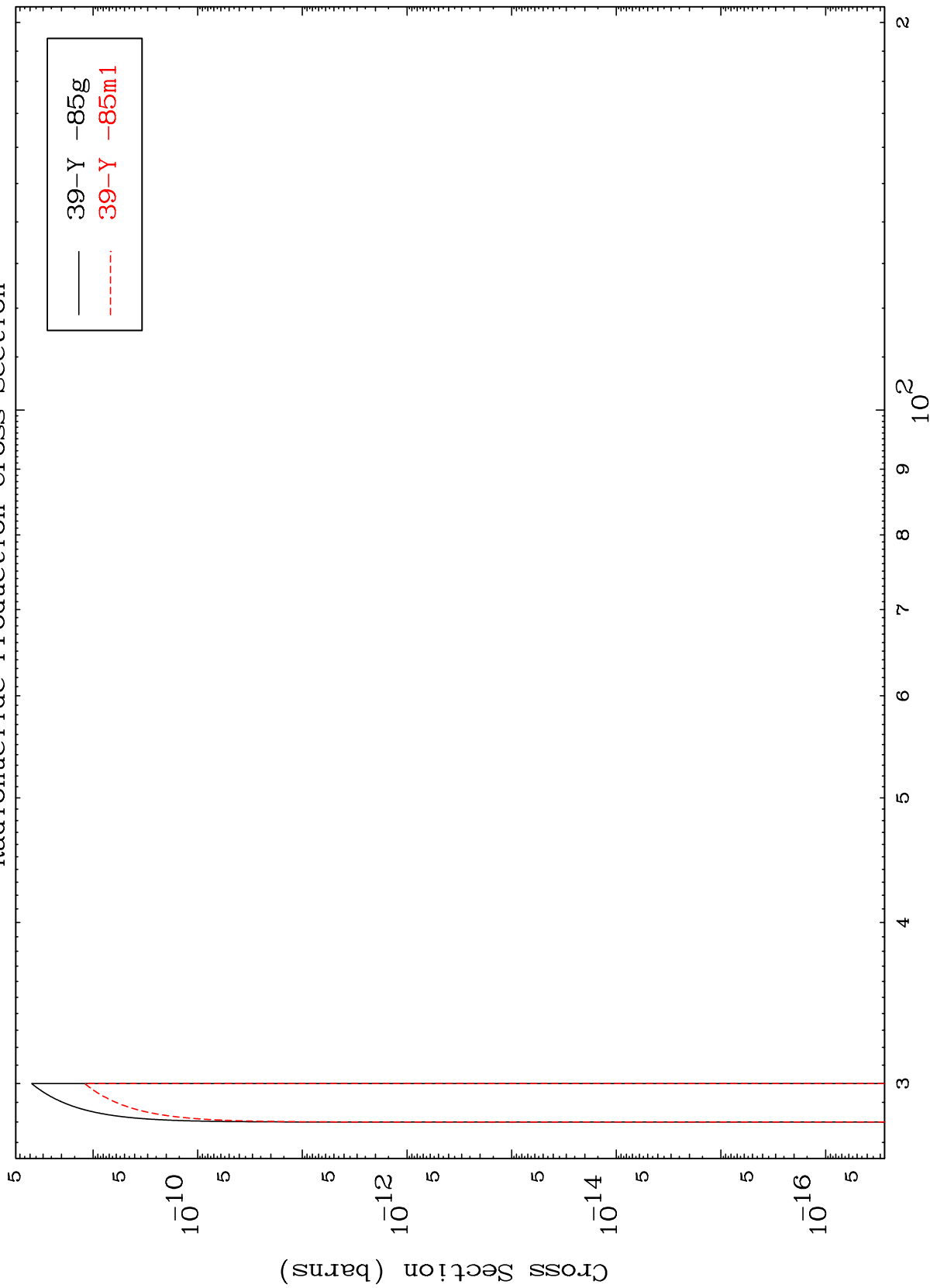
13

40-Zr-88

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40-Zr-88

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



40-Zr-88

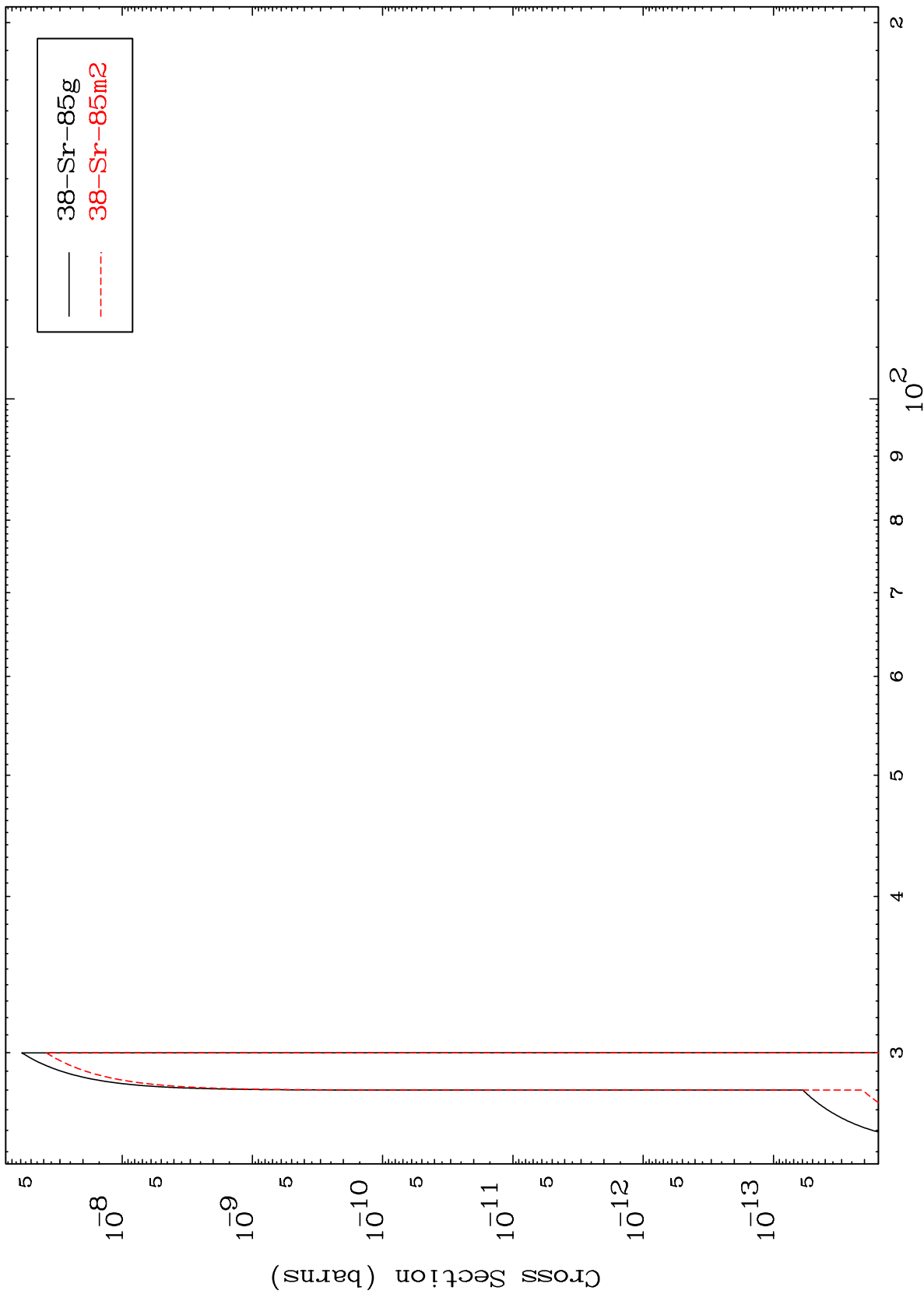
Incident Energy (MeV)

14

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40-Zr-88

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



40-Zr-88

Incident Energy (MeV)

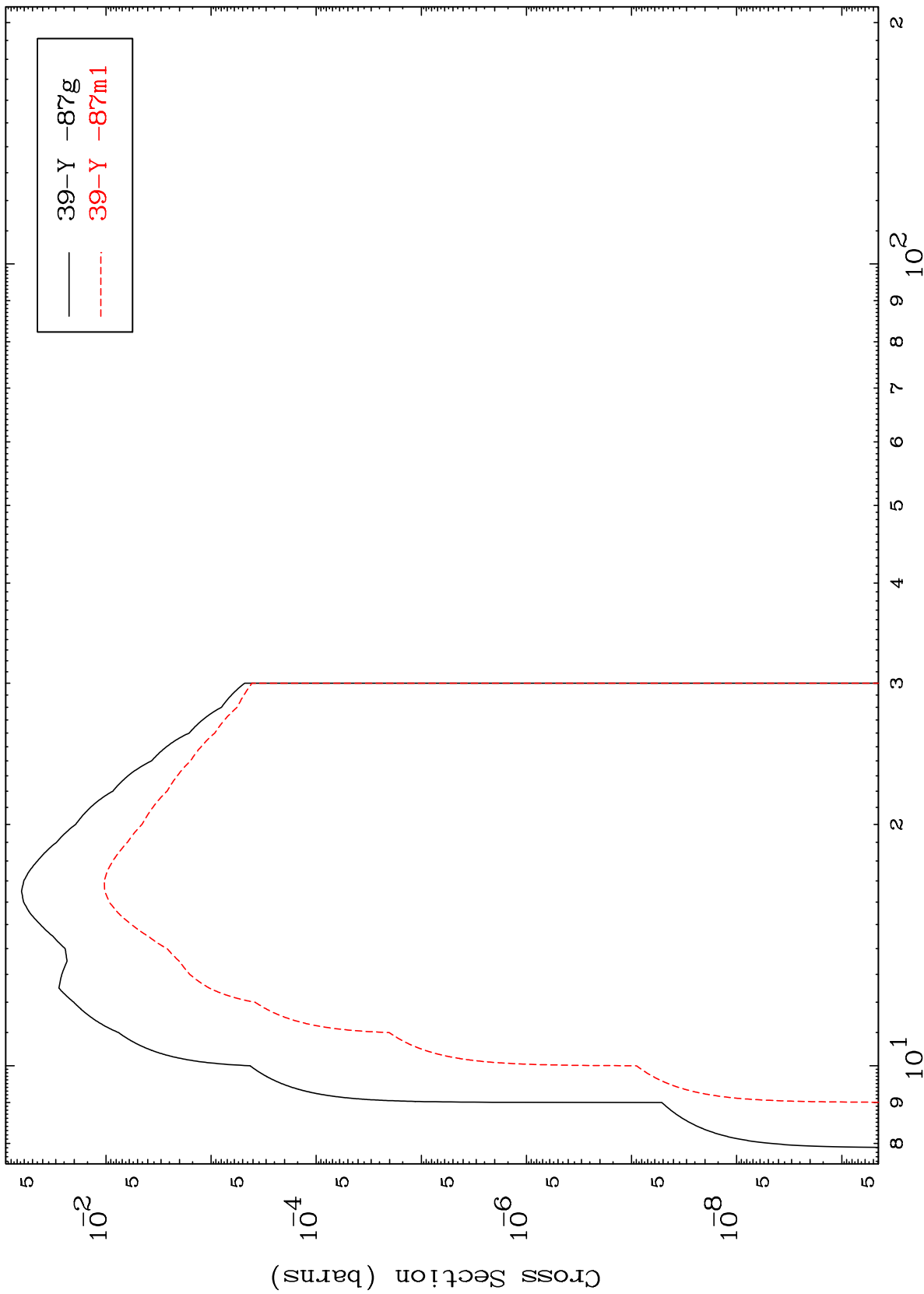
15



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40-Zr-88

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

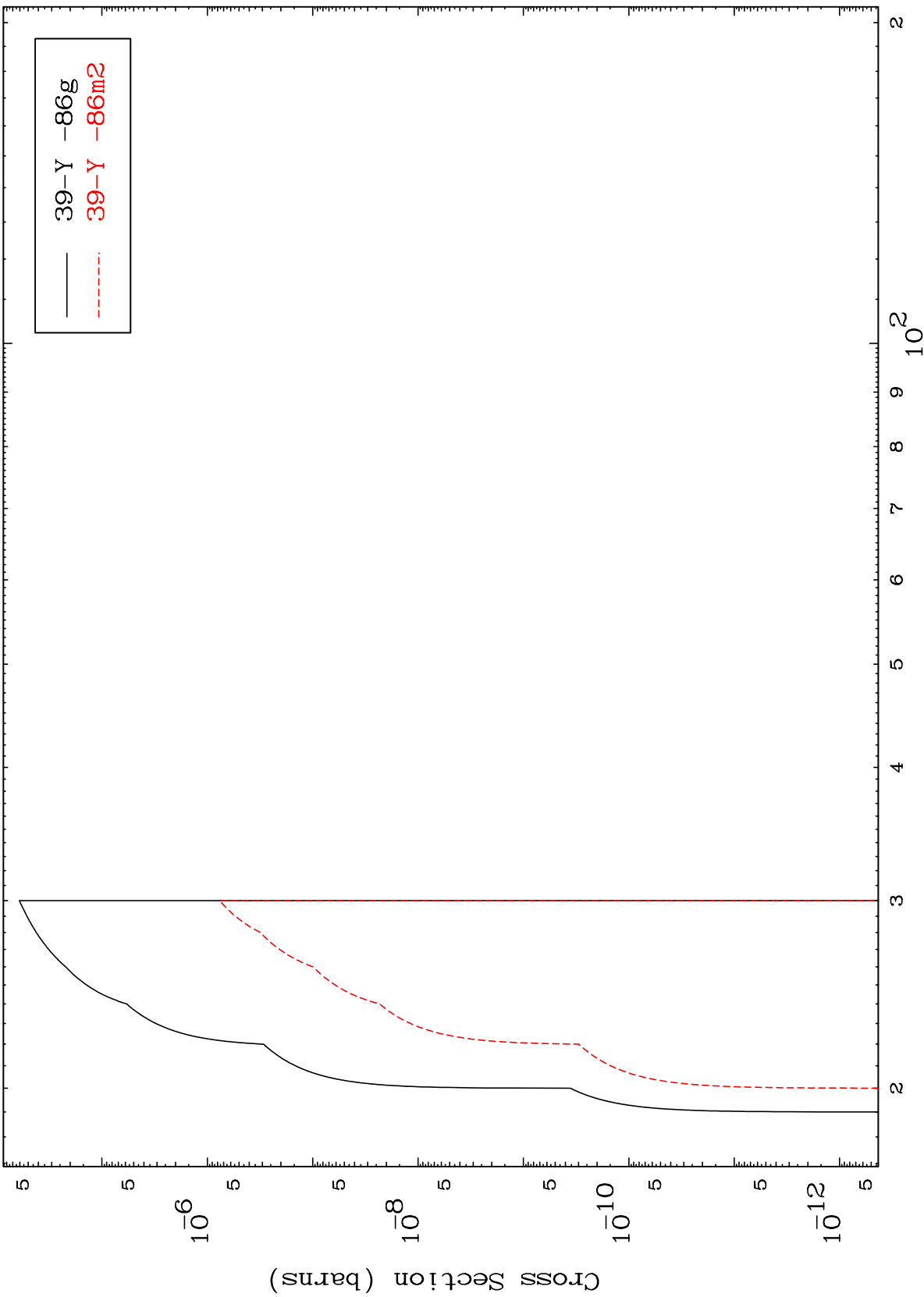


40-Zr-88

Incident Energy (MeV)

16

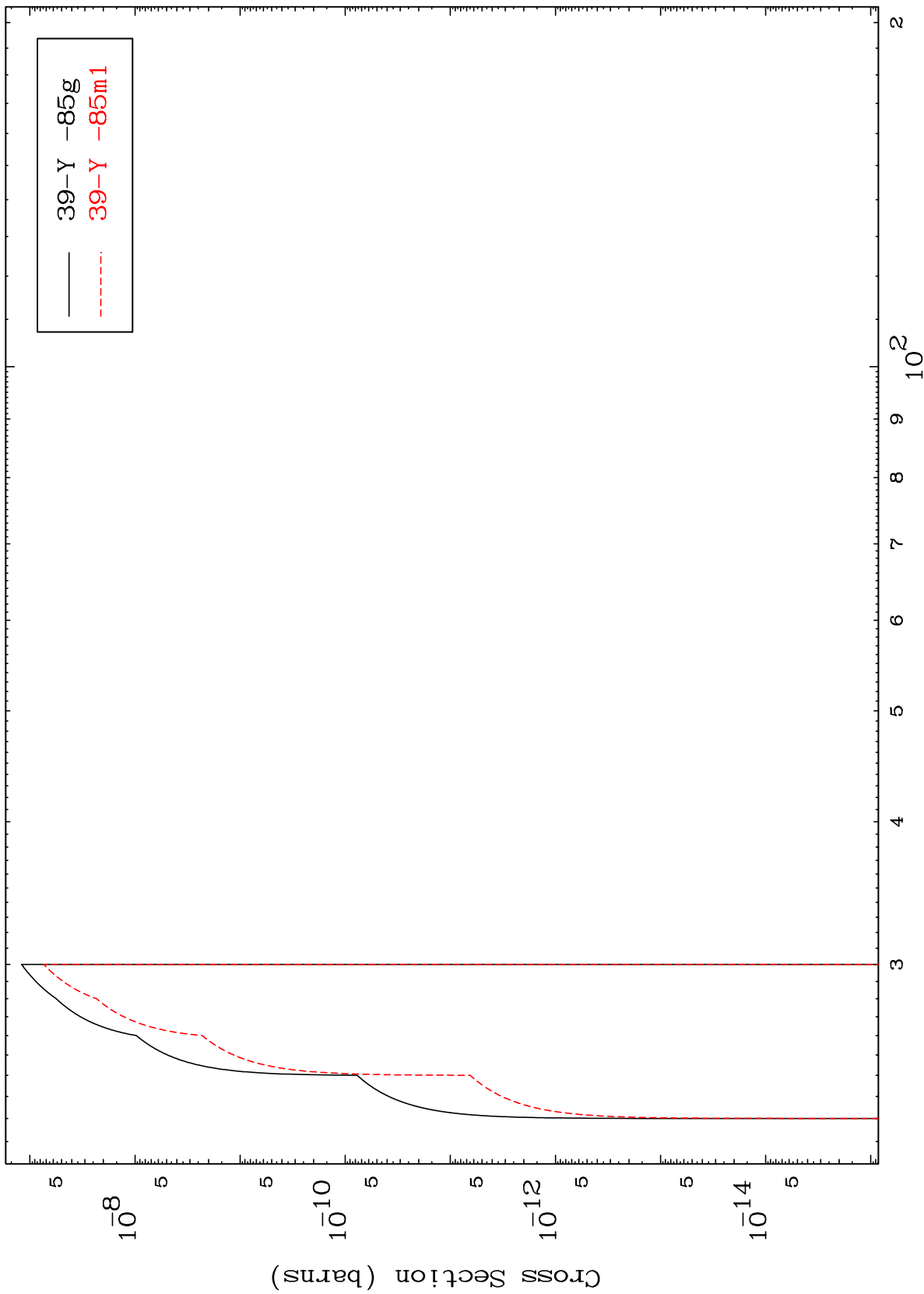
( $\gamma, d$ )  
Radionuclide Production Cross Section



MAT 4019

40-Zr-88

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



18

Incident Energy (MeV)

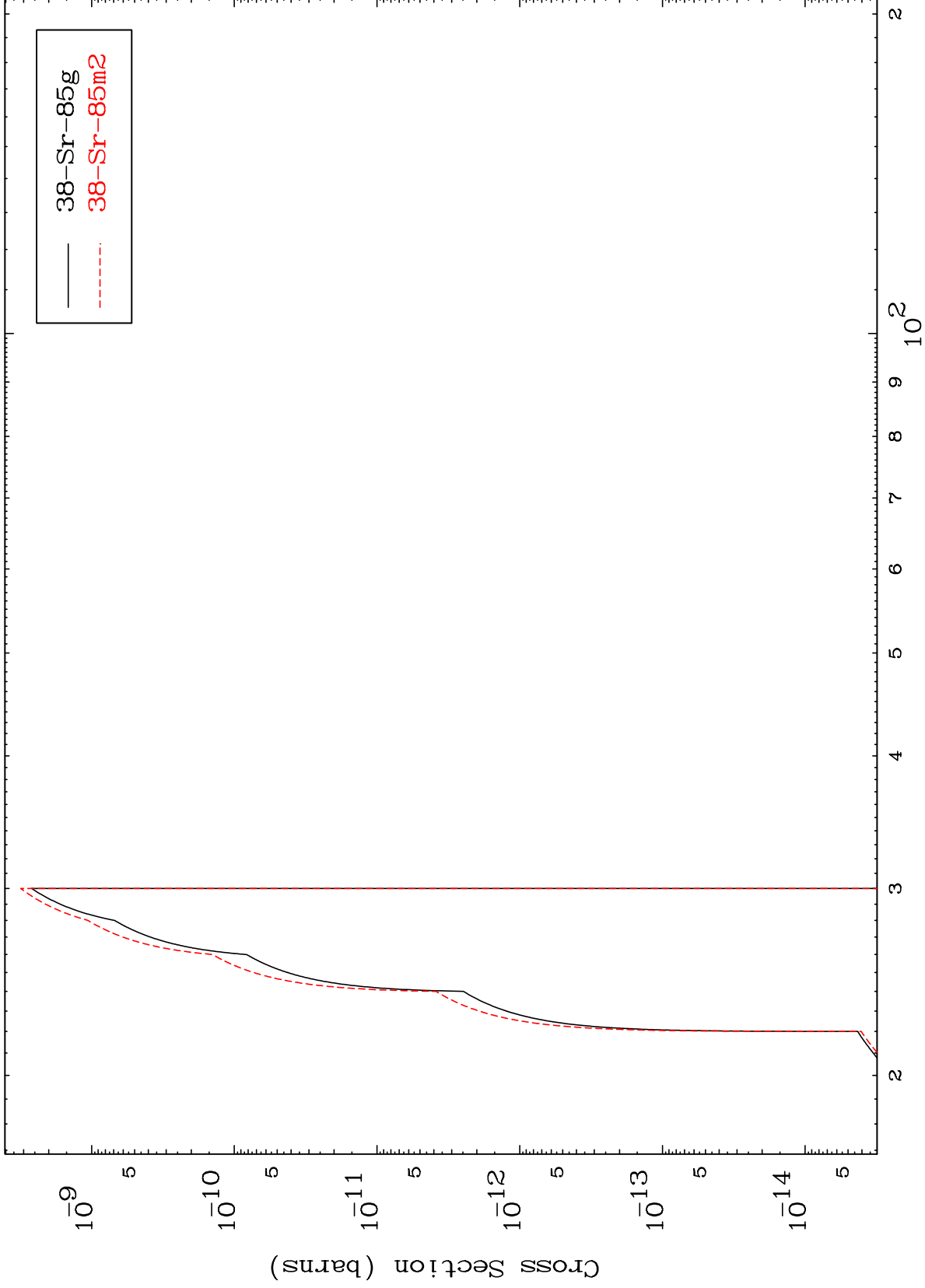
40-Zr-88

MAT 4019

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

40-Zr-88

Radionuclide Production Cross Section



19

Incident Energy (MeV)

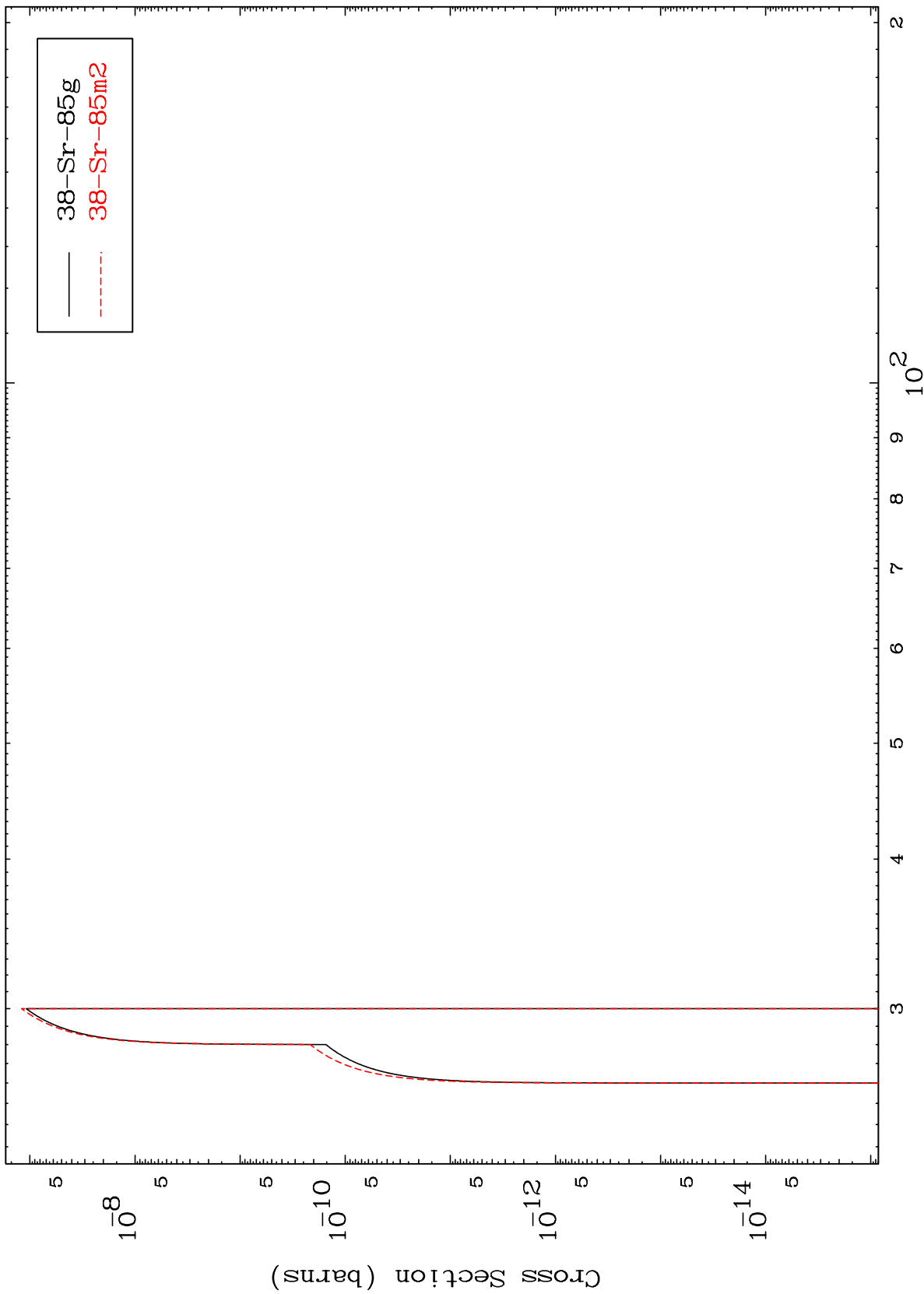
40-Zr-88

MAT 4019

( $\gamma, p$ ) d

40-Zr-88

Radionuclide Production Cross Section



20

Incident Energy (MeV)

40-Zr-88