

Program EVALPLOT  
(Version 2018-1)

by

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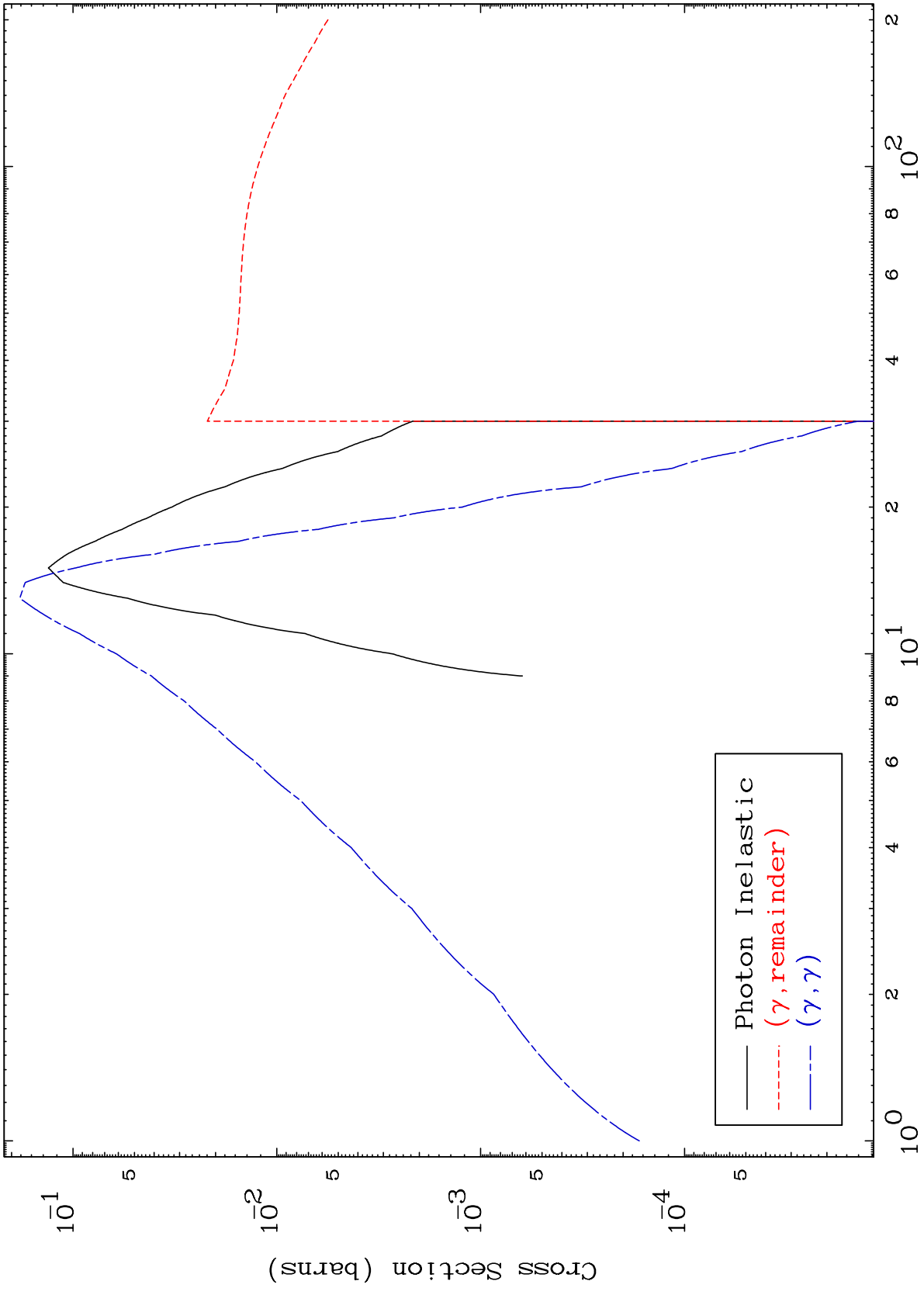
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7874

Photon Major  
0 Kelvin Cross Sections

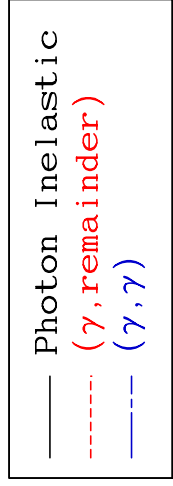
79-Au-180



79-Au-180

Incident Energy (MeV)

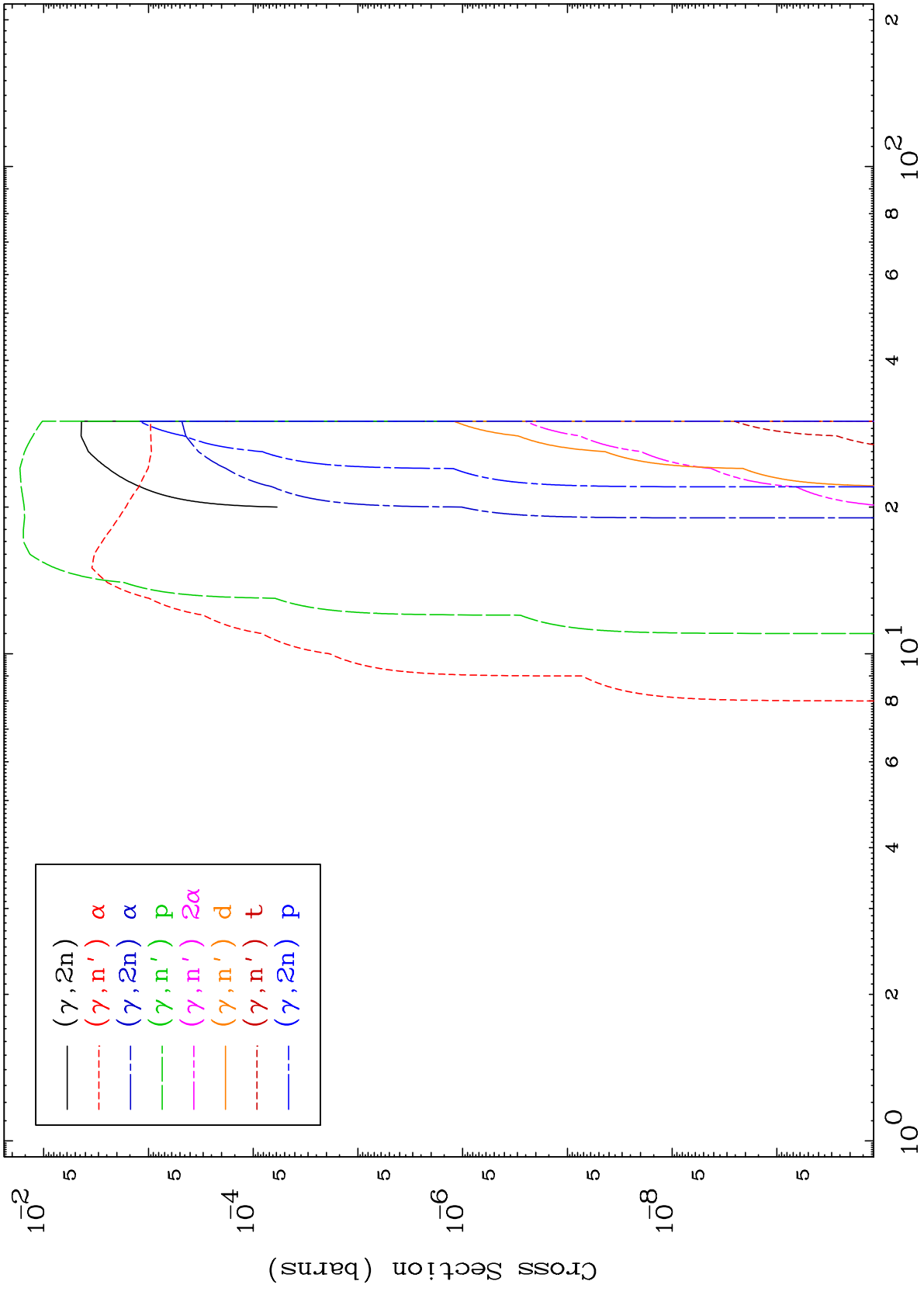
1



MAT 7874

Photon Neutron Production  
0 Kelvin Cross Sections

<sup>79</sup>Au-180

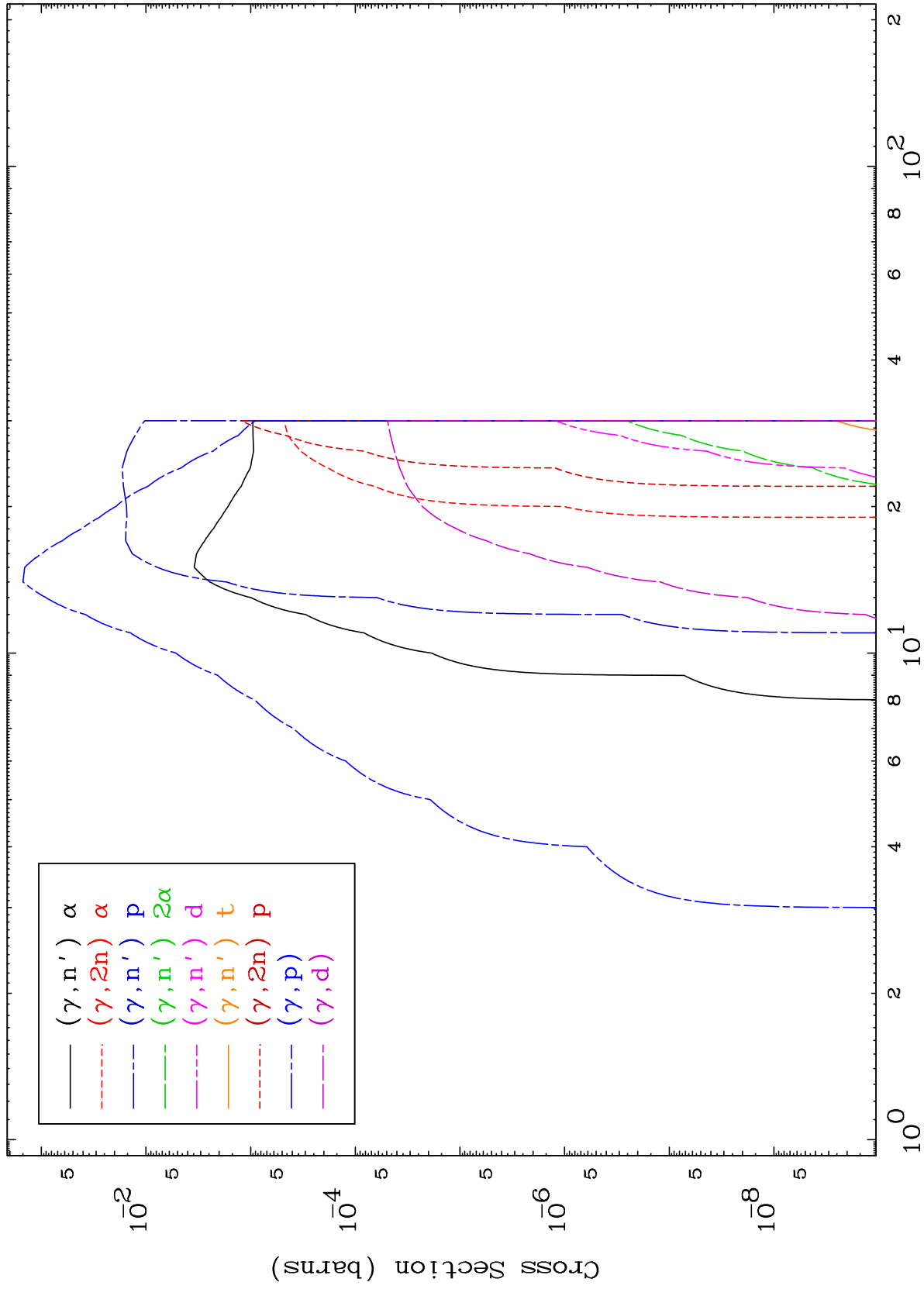


<sup>79</sup>Au-180

MAT 7874

Photon Charged Particle  
0 Kelvin Cross Sections

79-Au-180



3

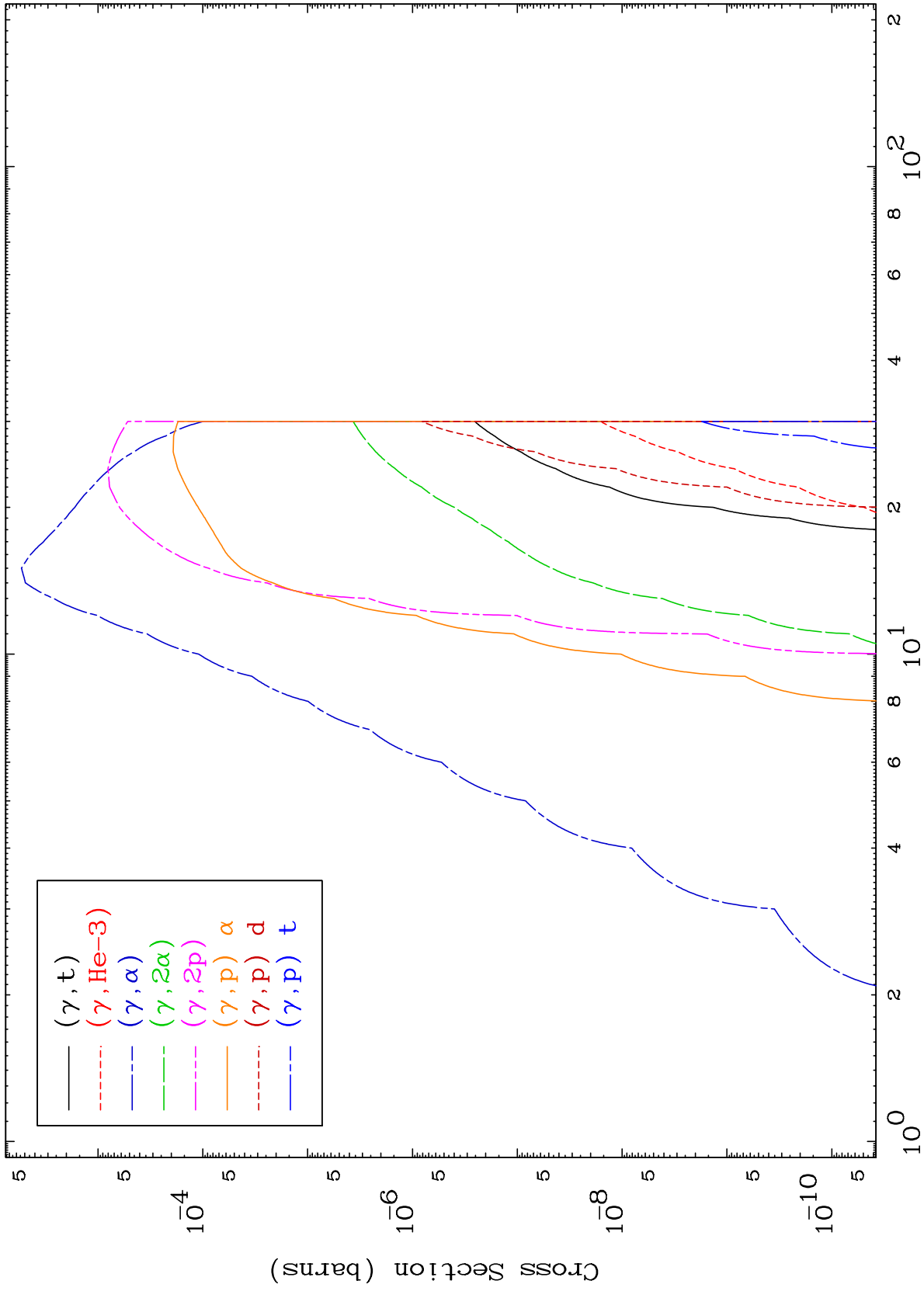
Incident Energy (MeV)

79-Au-180

MAT 7874

Photon Charged Particle  
0 Kelvin Cross Sections

79-Au-180



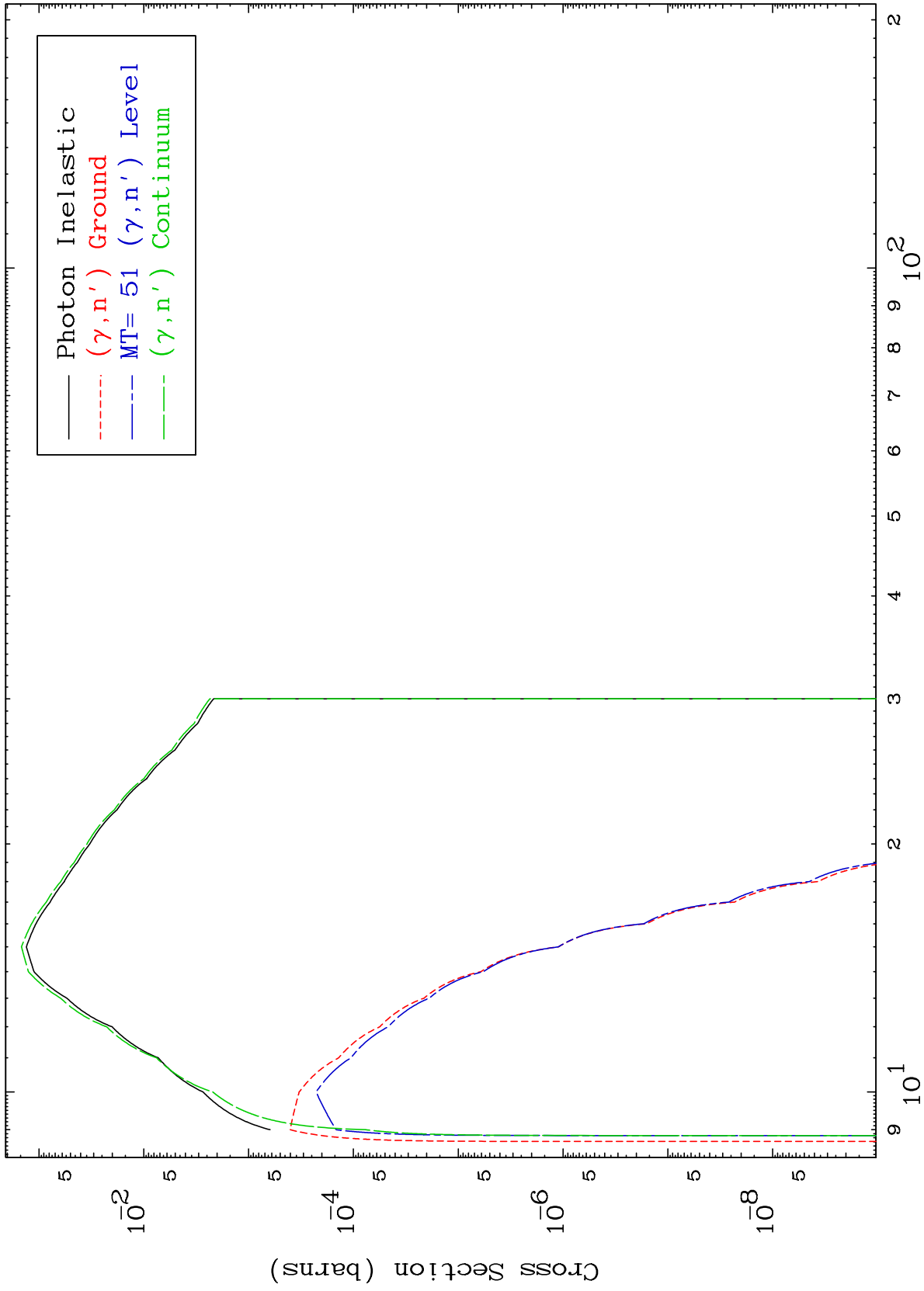
Incident Energy (MeV)

79-Au-180

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

<sup>79</sup>Au-180



5

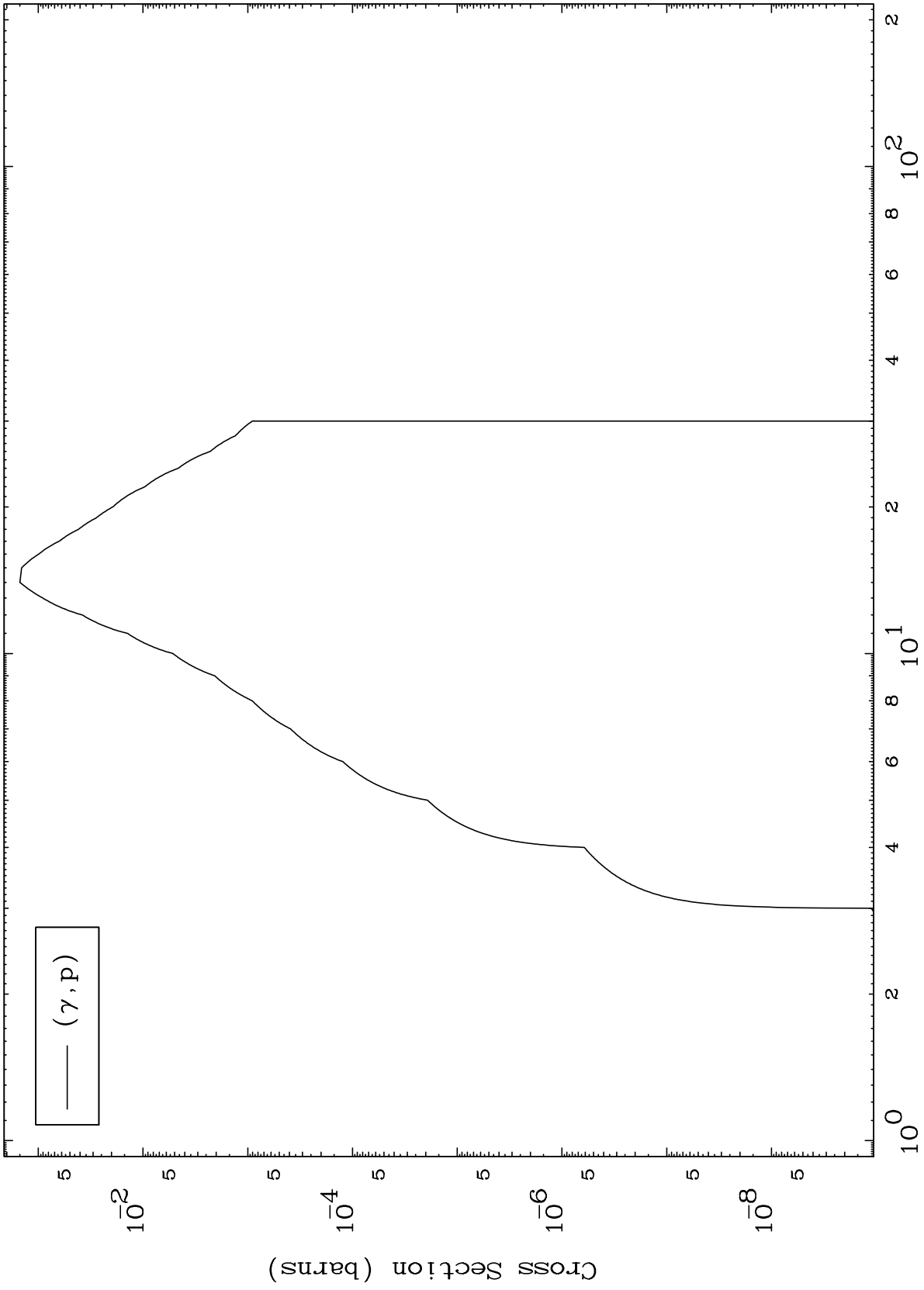
Incident Energy (MeV)

<sup>79</sup>Au-180

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

<sup>79</sup>Au-180



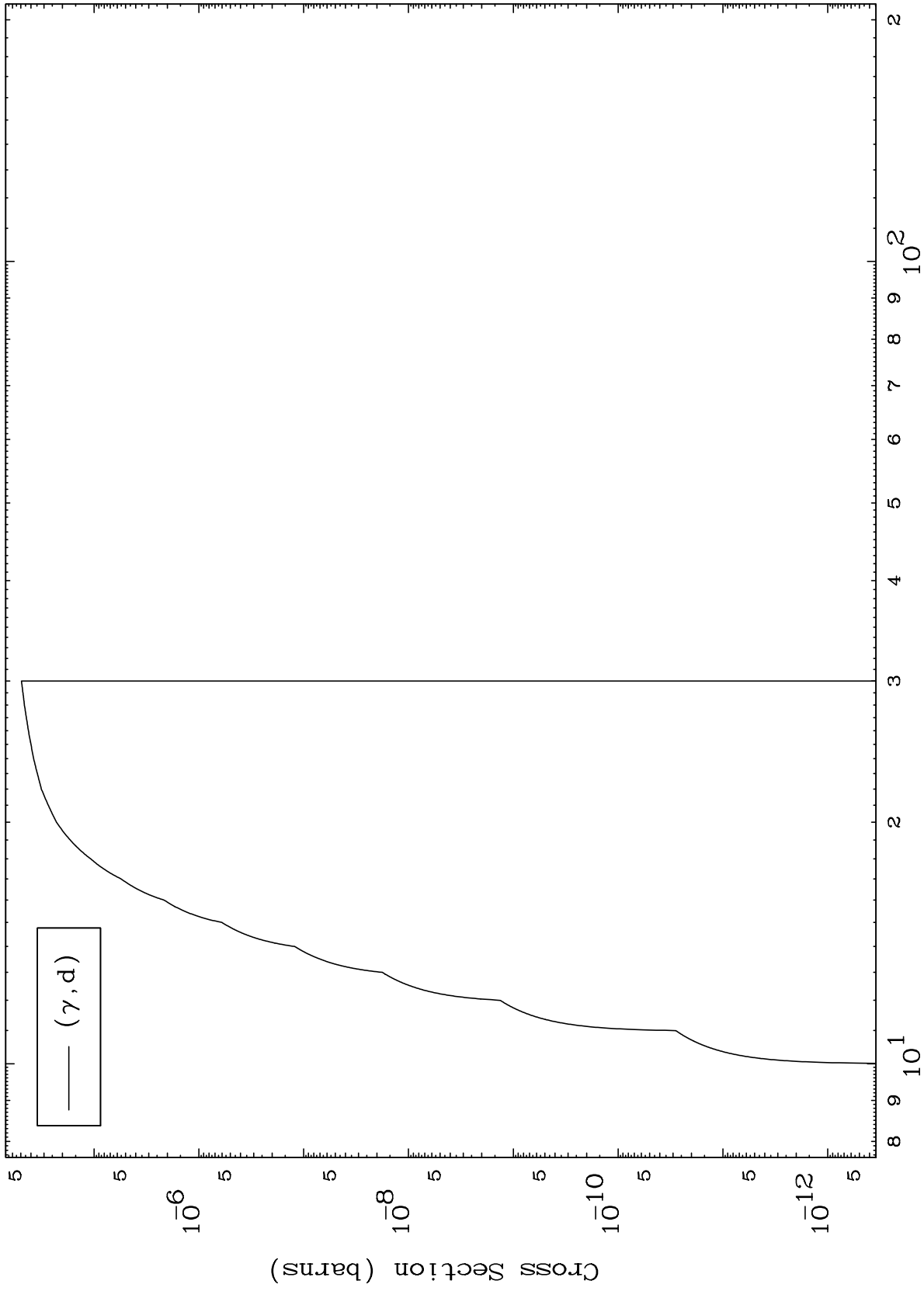
Incident Energy (MeV)

<sup>79</sup>Au-180

MAT 7874

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

<sup>79</sup>Au-180



7

Incident Energy (MeV)

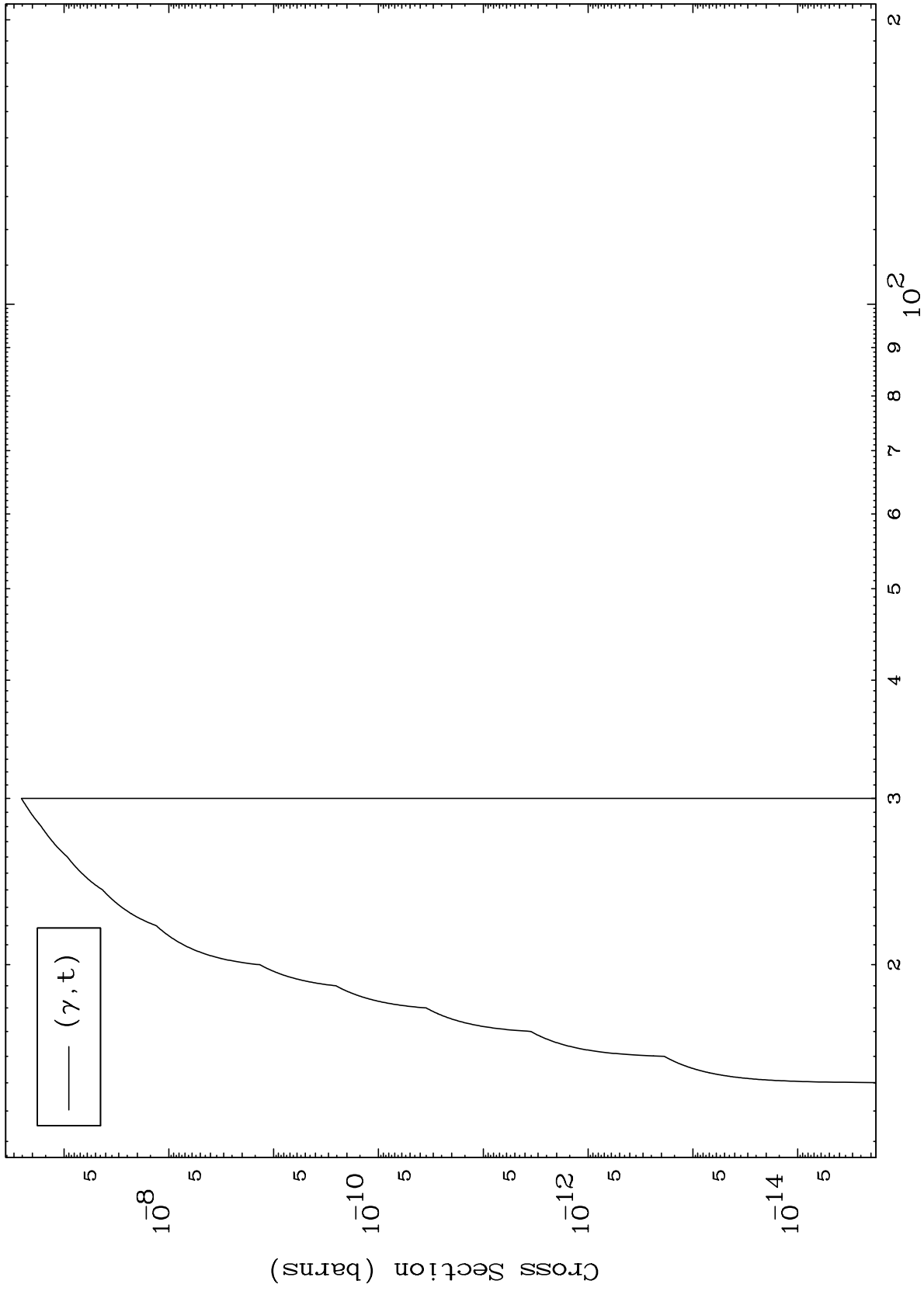
<sup>79</sup>Au-180



MAT 7874

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

79-Au-180



8

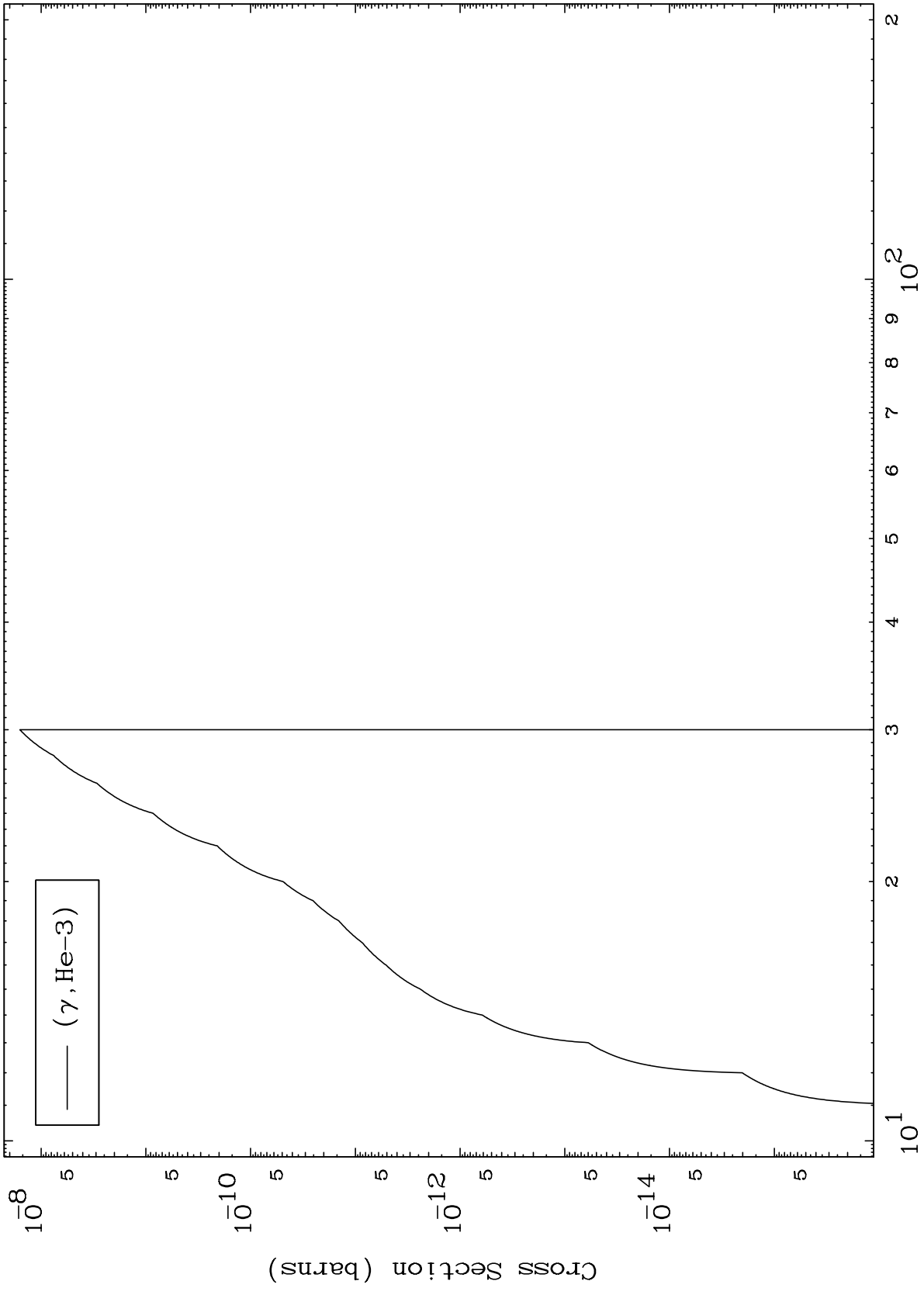
Incident Energy (MeV)

79-Au-180

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

$^{79}\text{Au-180}$



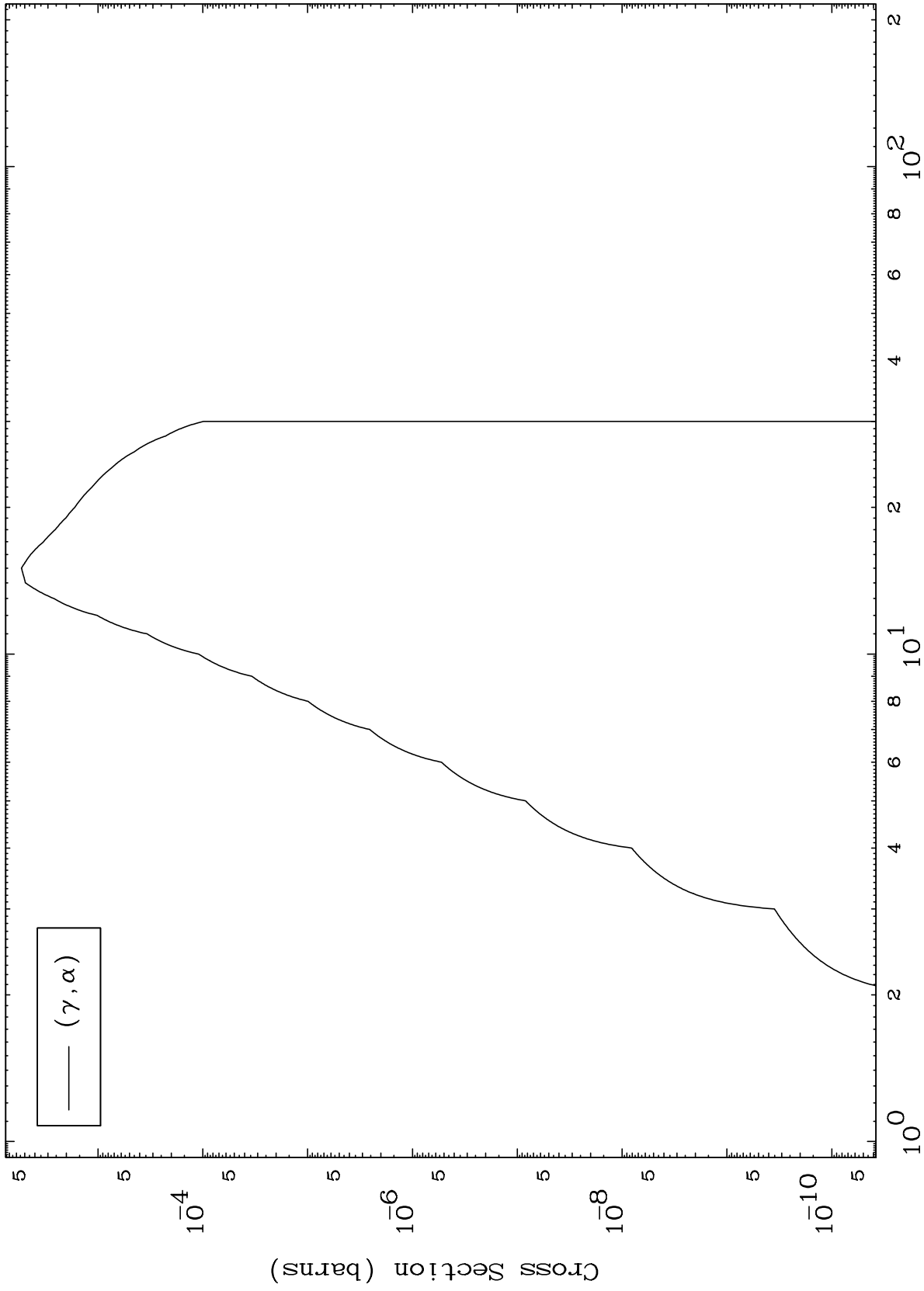
Incident Energy (MeV)

$^{79}\text{Au-180}$

MAT 7874

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

79-Au-180



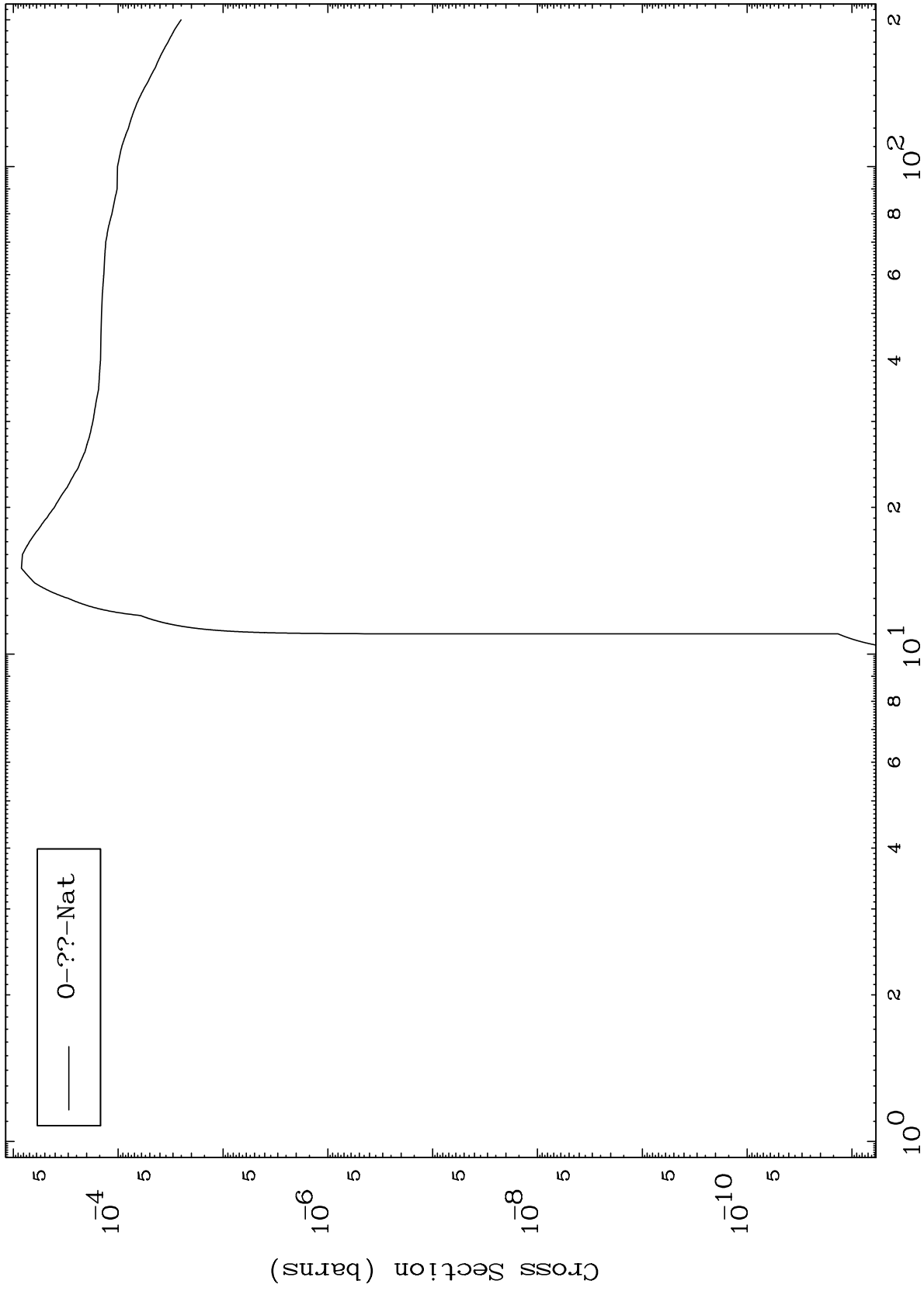
Incident Energy (MeV)

79-Au-180

MAT 7874

Photon Fission  
Radionuclide Production Cross Section

<sup>79</sup>Au-180



11

Incident Energy (MeV)

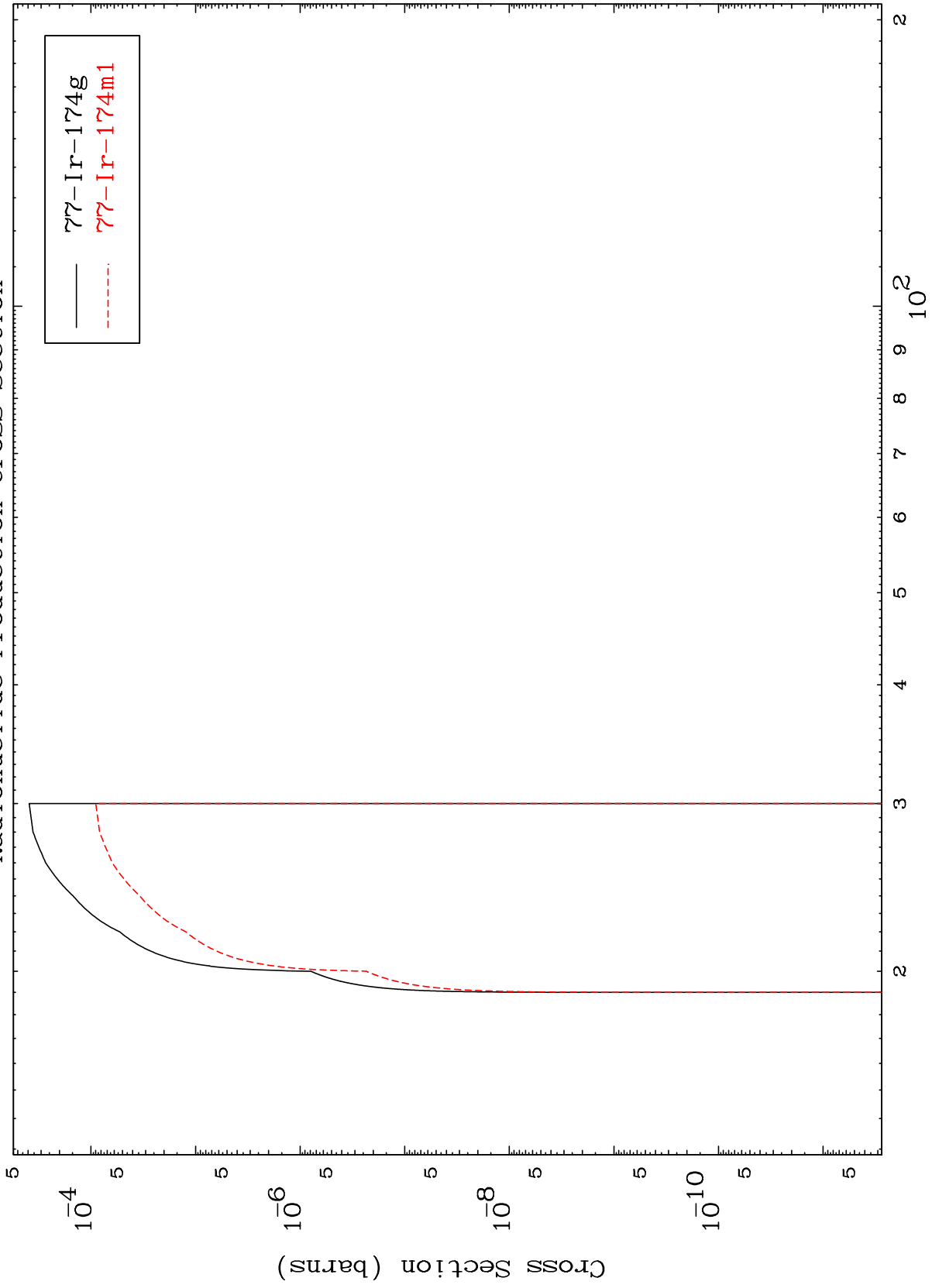
<sup>79</sup>Au-180

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$(\gamma, 2n) \alpha$

79-Au-180

Radionuclide Production Cross Section



12

Incident Energy (MeV)

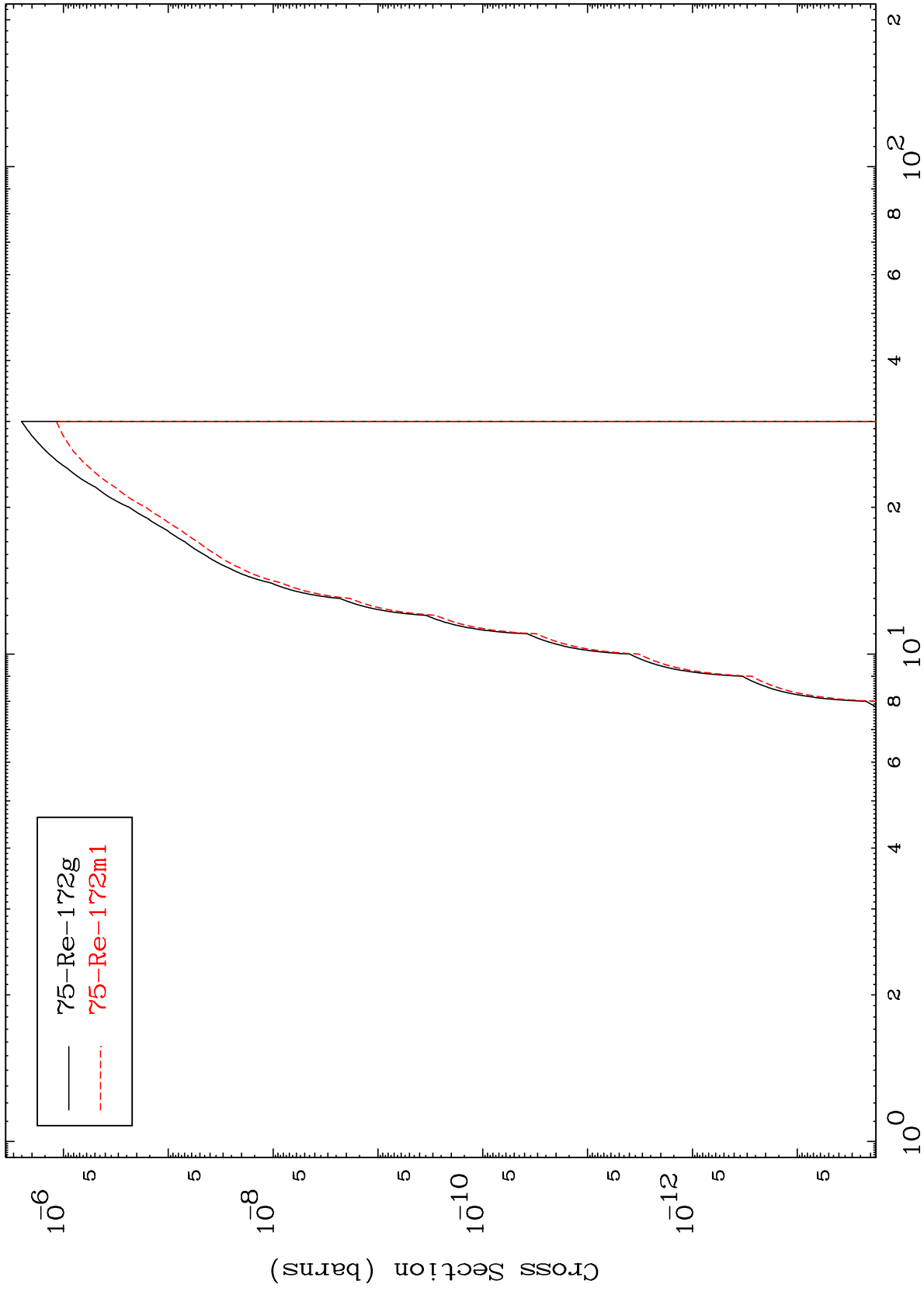
79-Au-180

MAT 7874

( $\gamma, 2\alpha$ )

<sup>79</sup>Au-180

Radionuclide Production Cross Section



13

Incident Energy (MeV)

<sup>79</sup>Au-180