

Program EVALPLOT  
(Version 2017-1)

by

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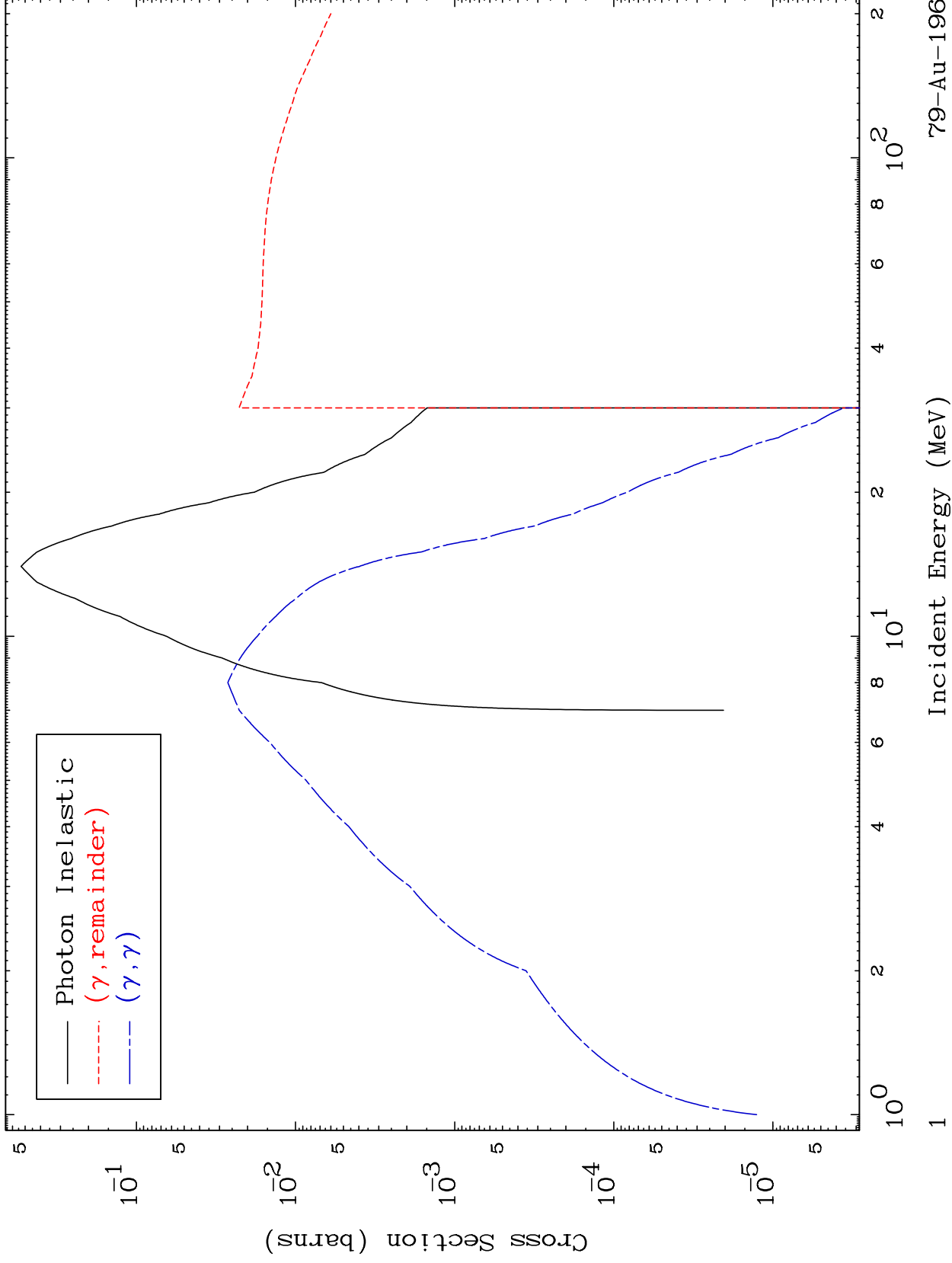
Press Mouse Button to Start

MAT 7924

Photon Major

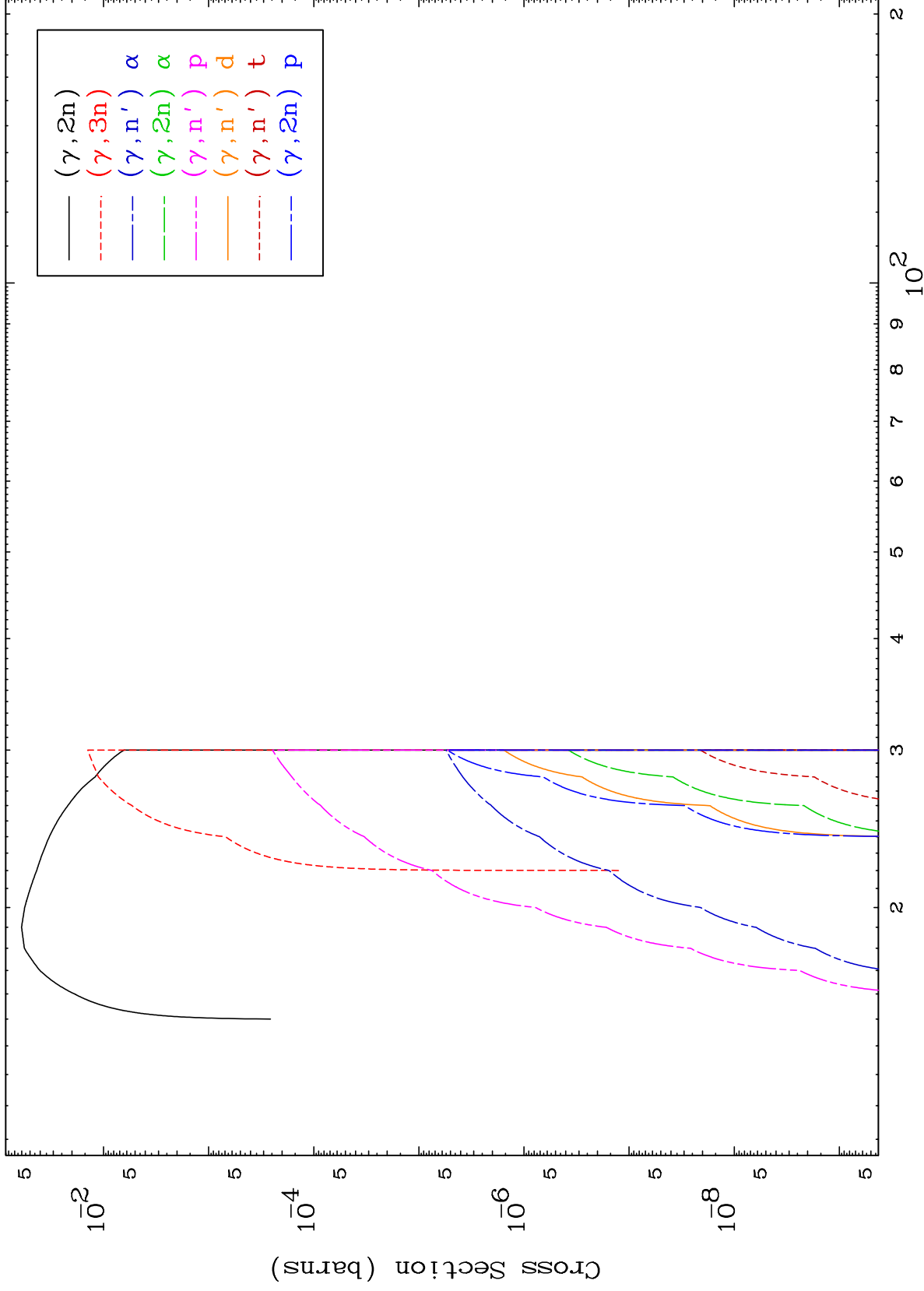
79-Au-196

0 Kelvin Cross Sections



79-Au-196

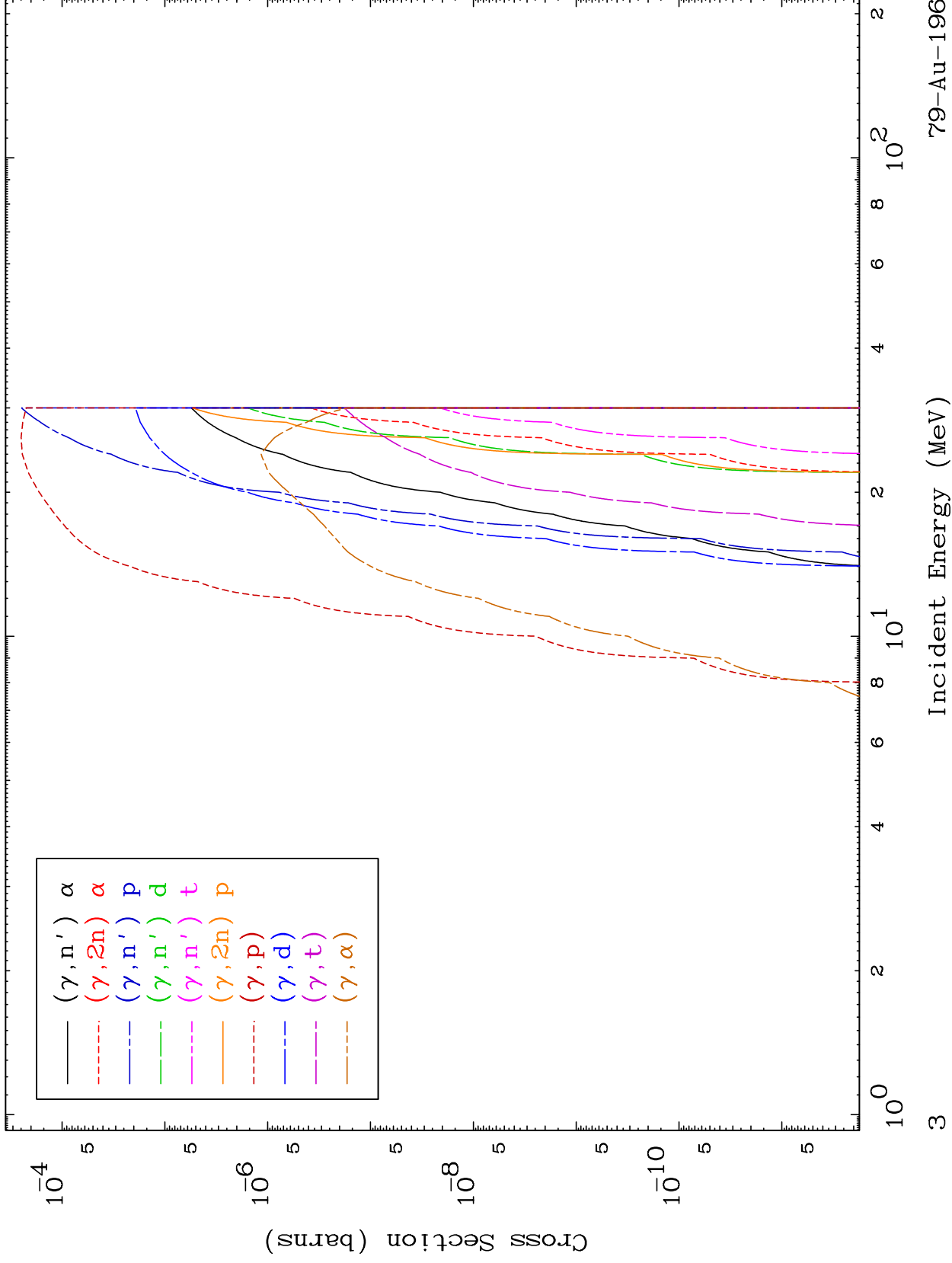
Incident Energy (MeV)



MAT 7924

Photon Charged Particle  
0 Kelvin Cross Sections

79-Au-196



Incident Energy (MeV)

79-Au-196

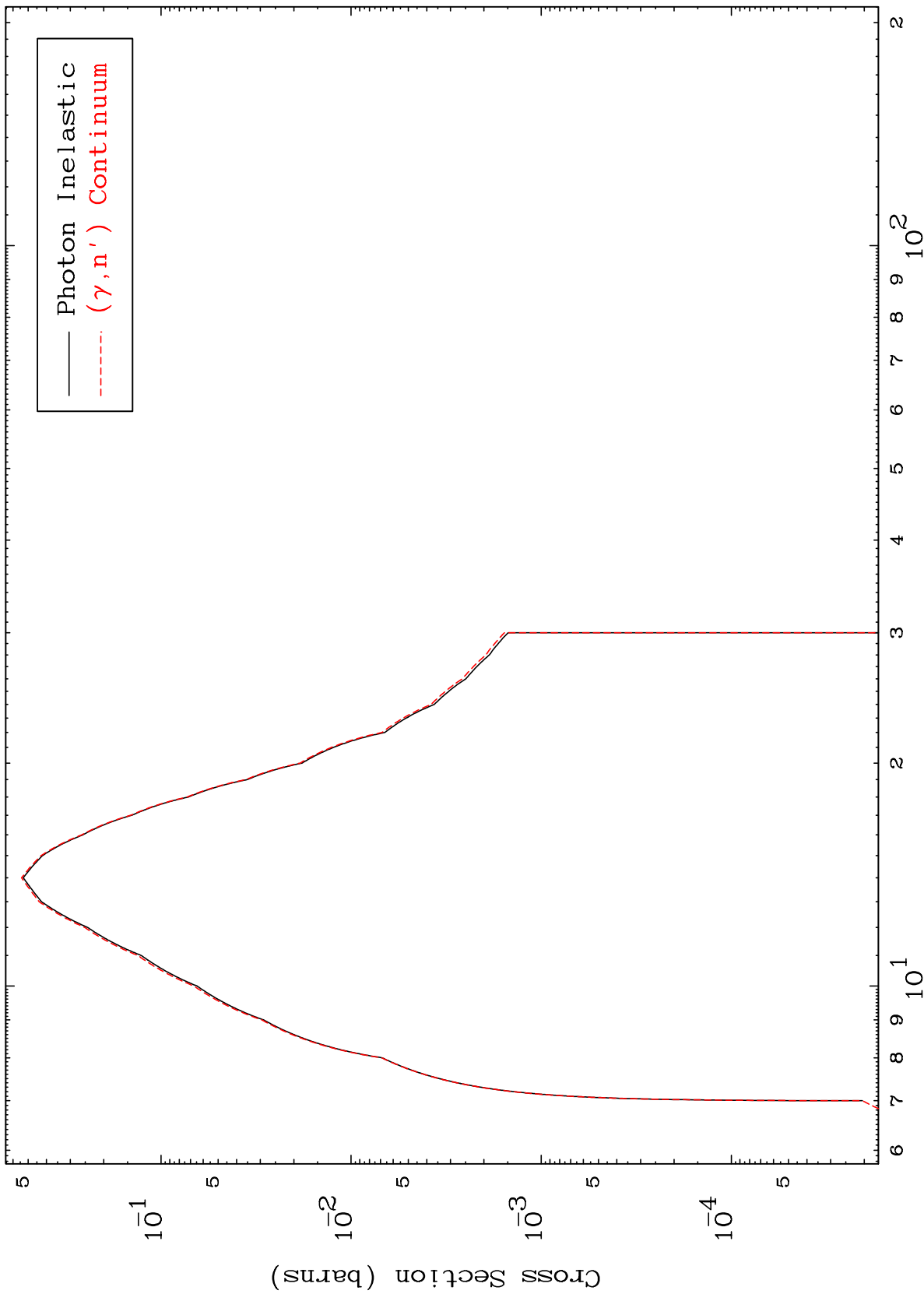
3

MAT 7924

( $\gamma, n'$ ) Level

79-Au-196

0 Kelvin Cross Sections



Photon Inelastic  
 $(\gamma, n')$  Continuum

4

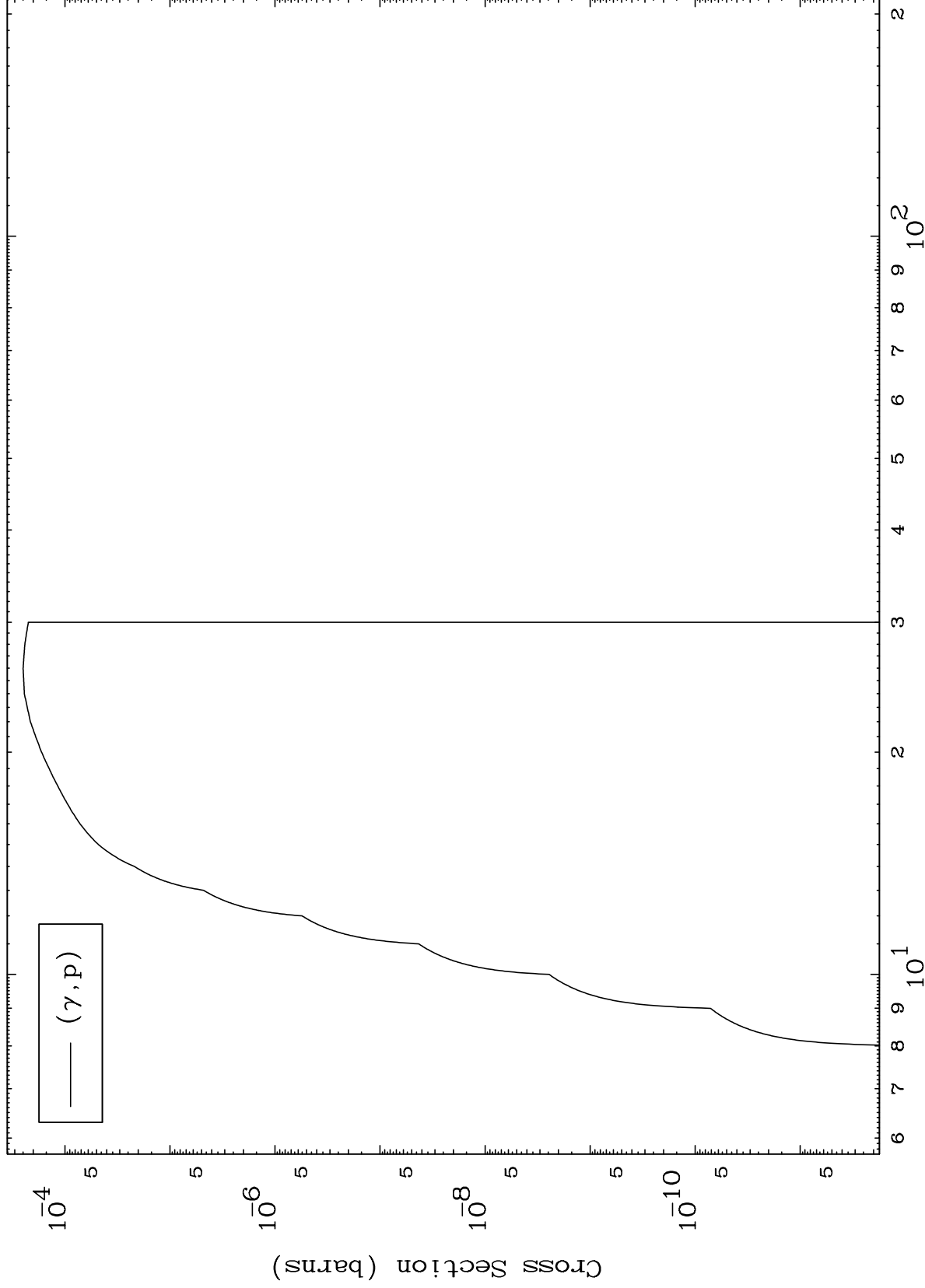
Incident Energy (MeV)

79-Au-196

MAT 7924

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

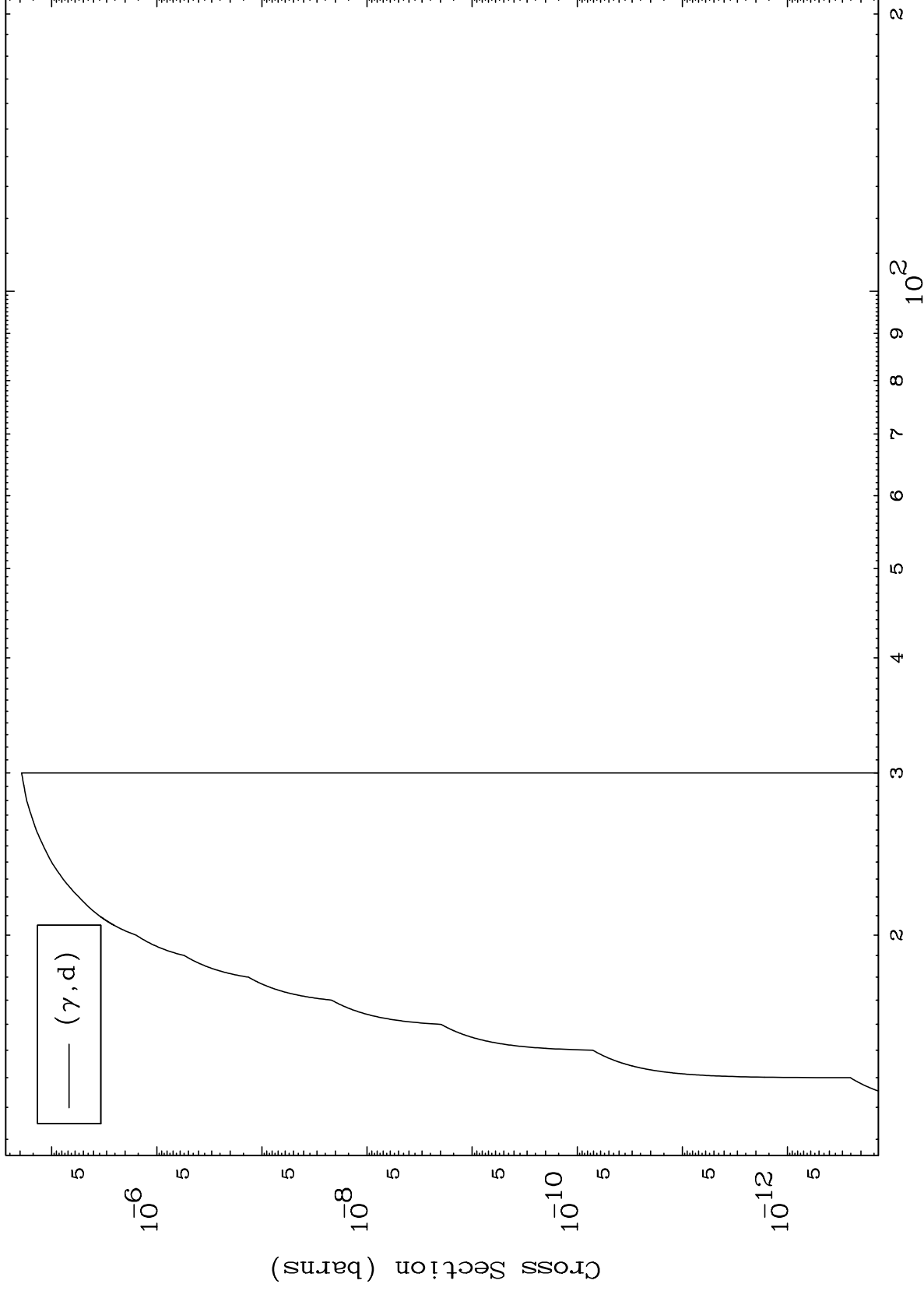
79-Au-196



Incident Energy (MeV)

79-Au-196

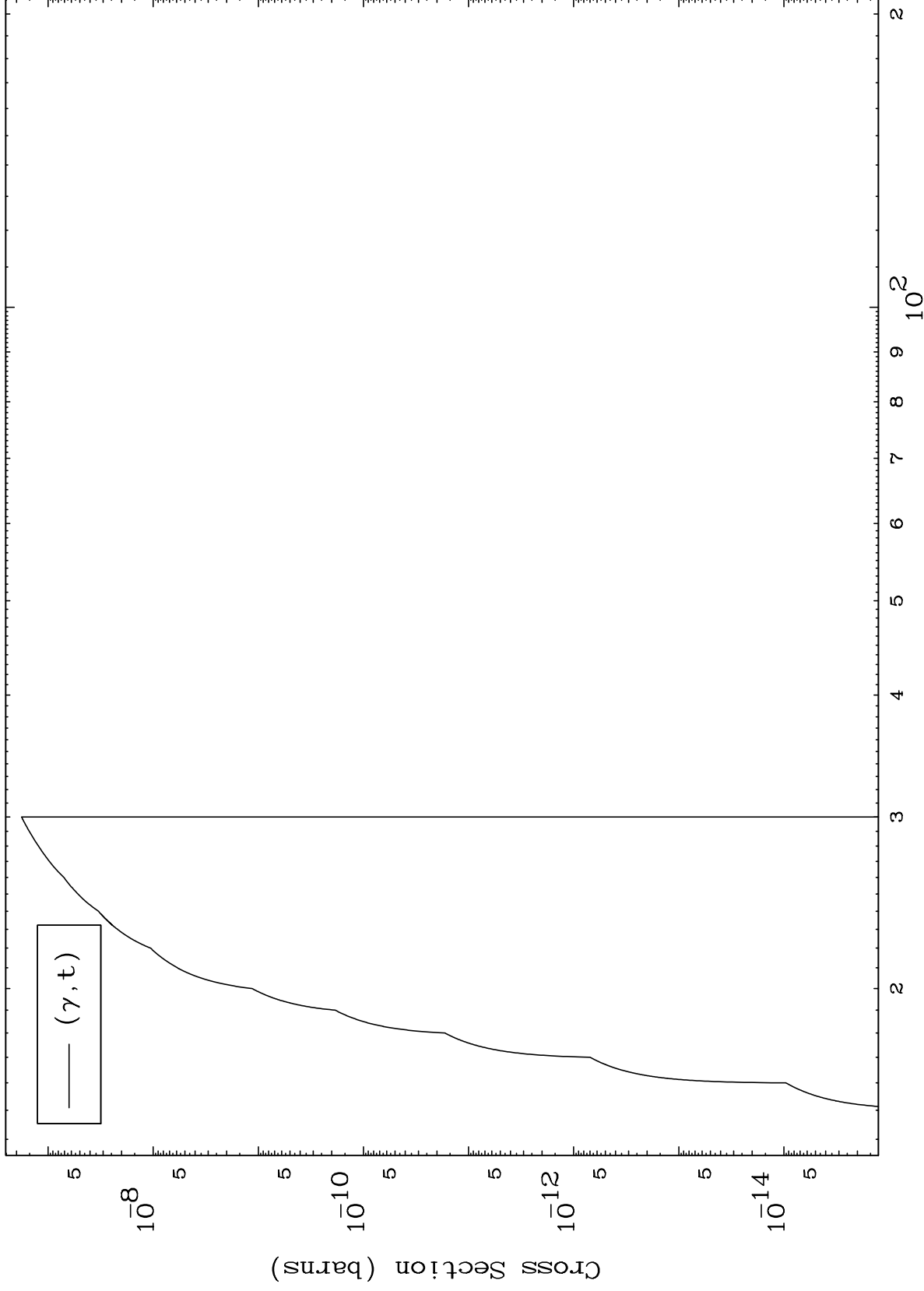
5



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

79-Au-196



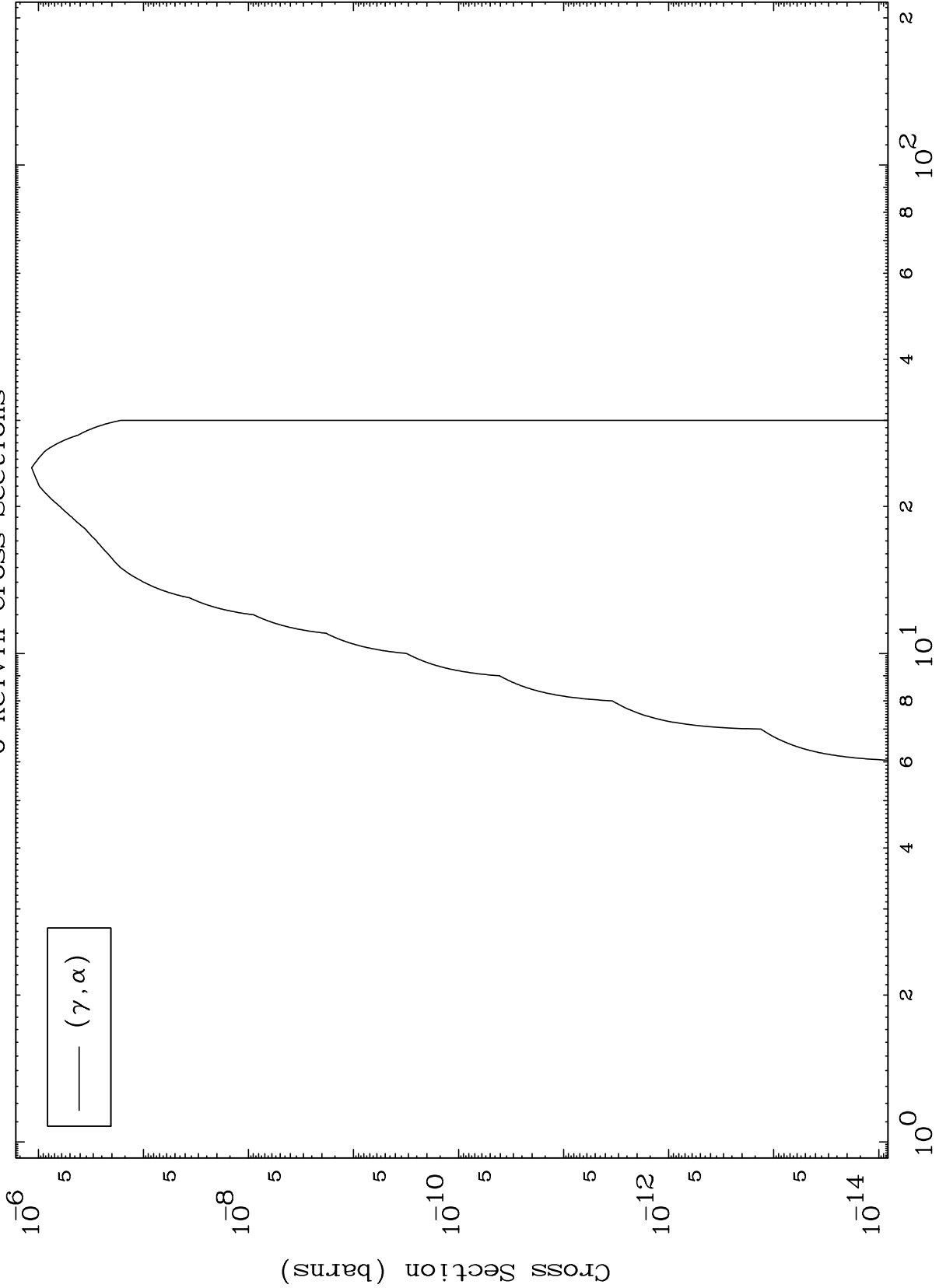


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( $\gamma, \alpha$ ) Levels

79-Au-196

0 Kelvin Cross Sections



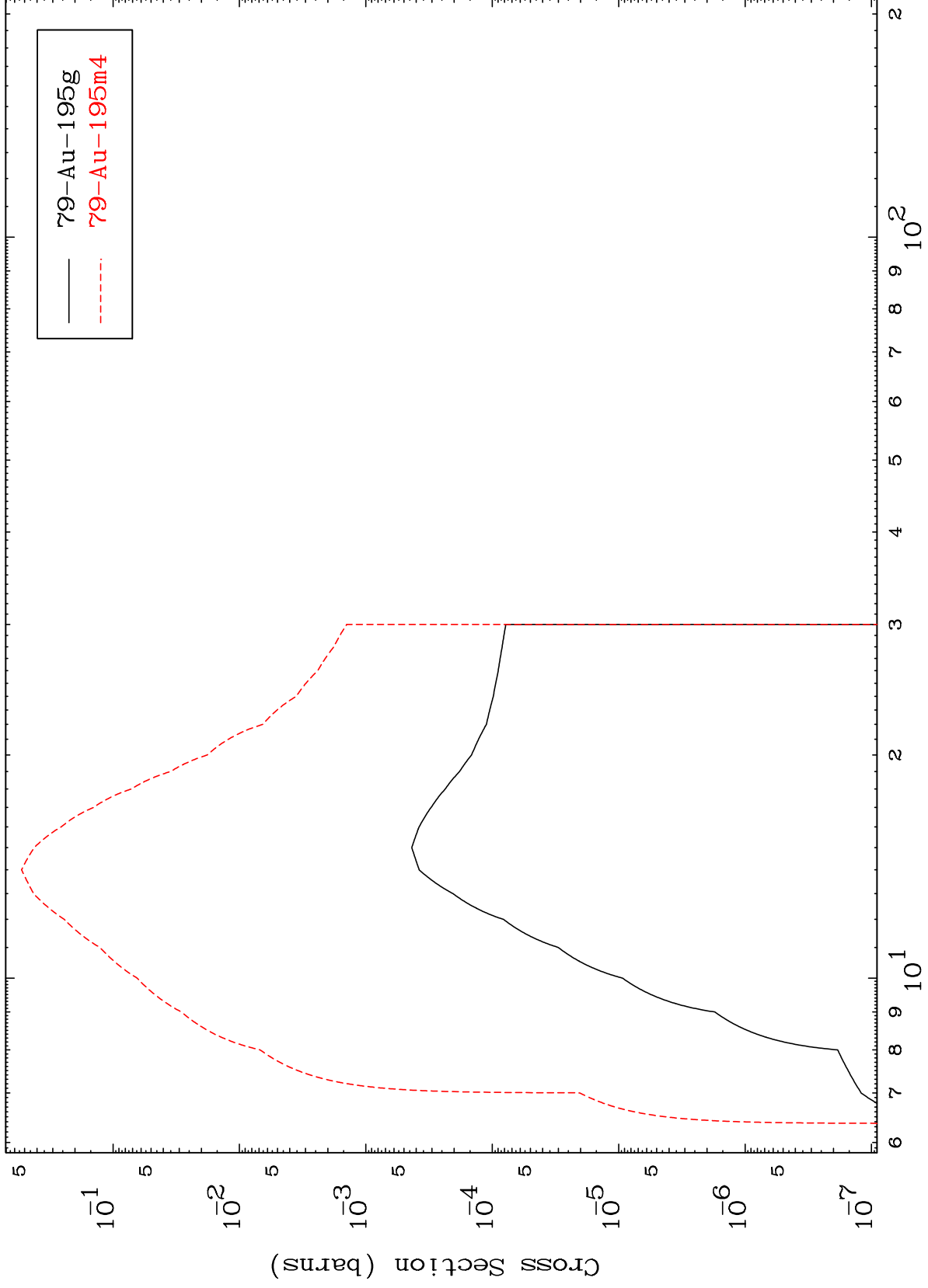
Incident Energy (MeV)

79-Au-196

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Photon Inelastic  
Radionuclide Production Cross Section

79-Au-196



79-Au-196

Incident Energy (MeV)

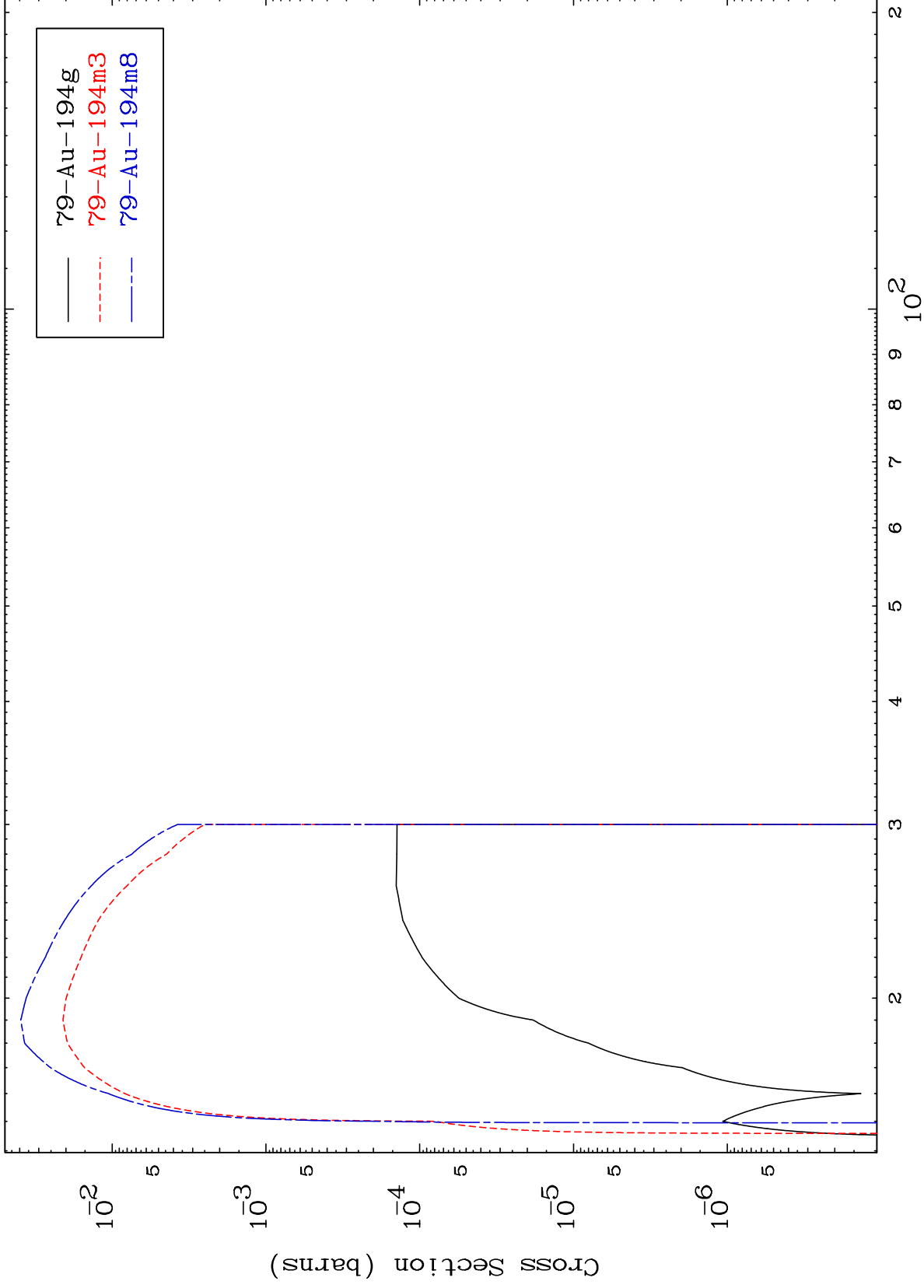
9

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( $\gamma, 2n$ )

79-Au-196

Radionuclide Production Cross Section



10

Incident Energy (MeV)

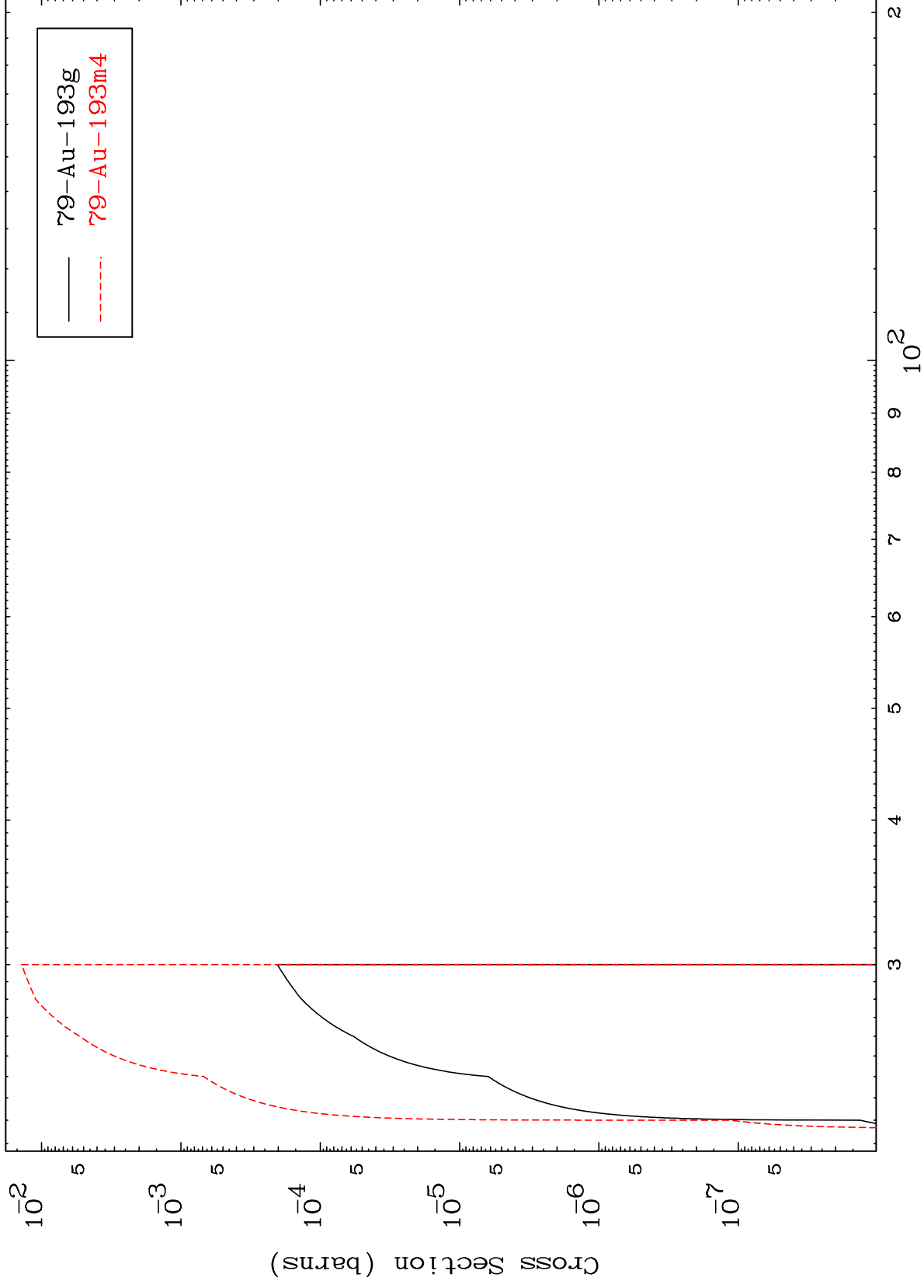
79-Au-196

MAT 7924

( $\gamma, 3n$ )

<sup>79</sup>Au-196

Radionuclide Production Cross Section

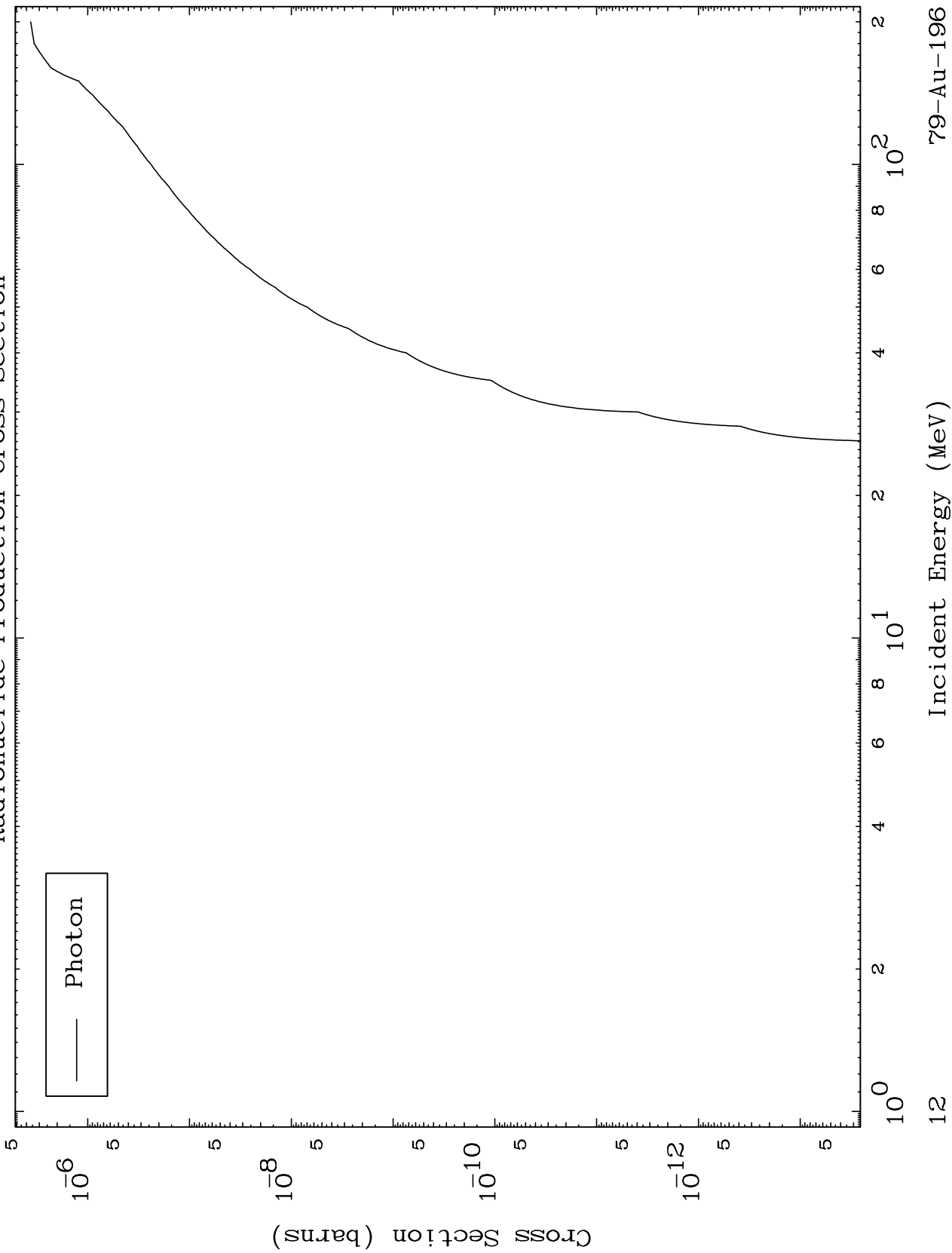


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Photon Fission

79-Au-196

Radionuclide Production Cross Section



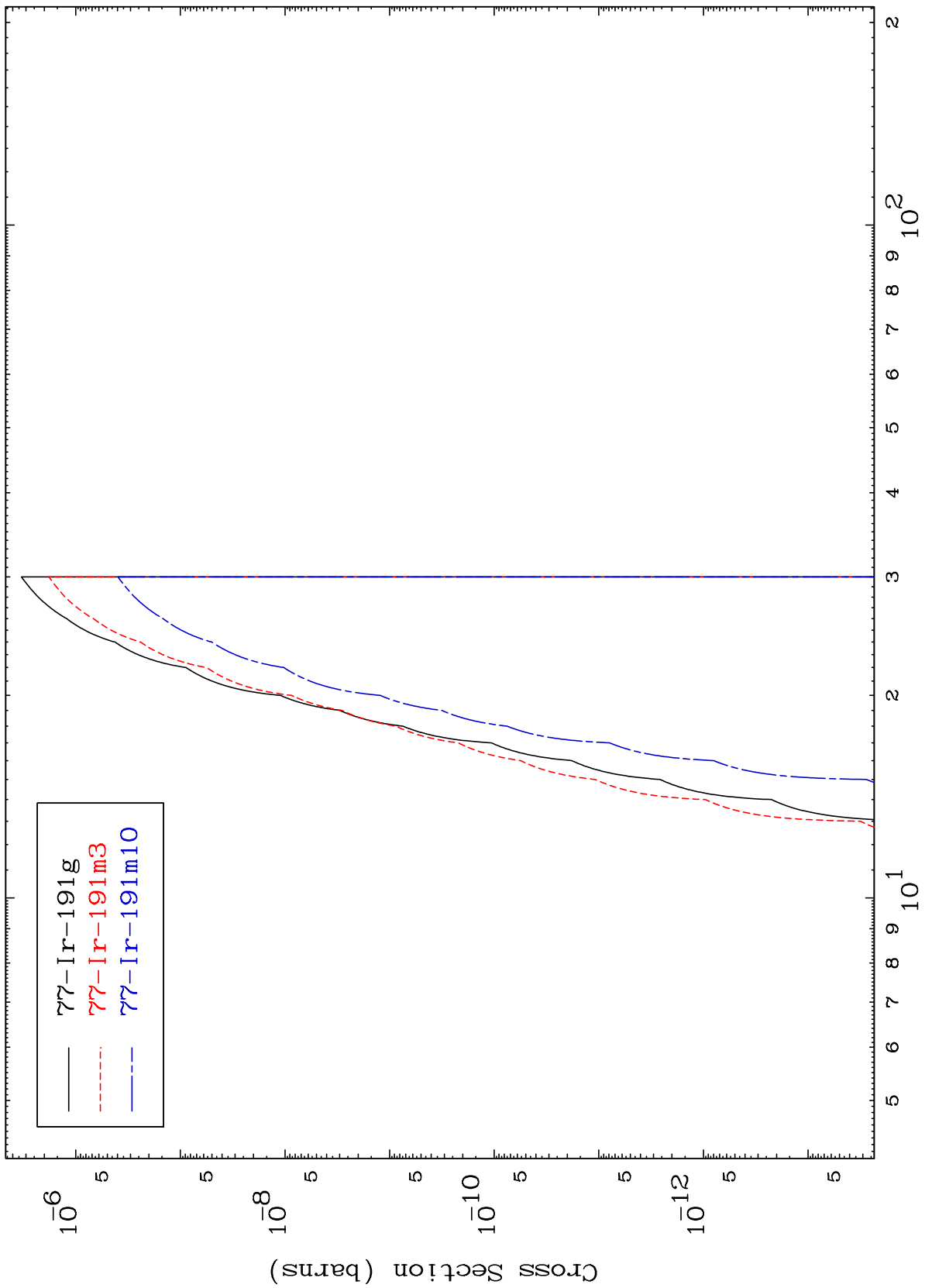
79-Au-196

Incident Energy (MeV)

MAT 7924

79-Au-196

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

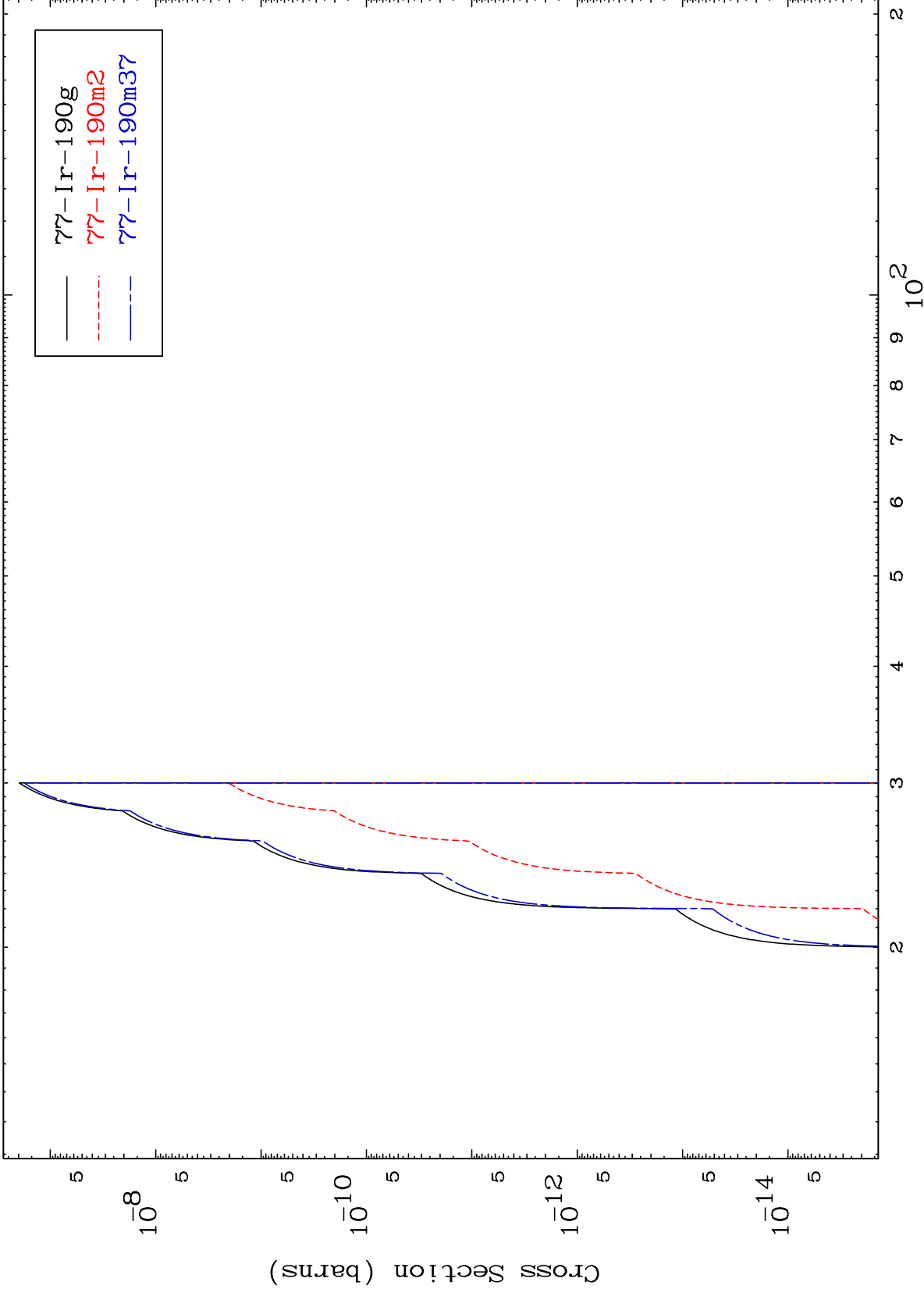


79-Au-196

Incident Energy (MeV)

13

Radionuclide Production Cross Section

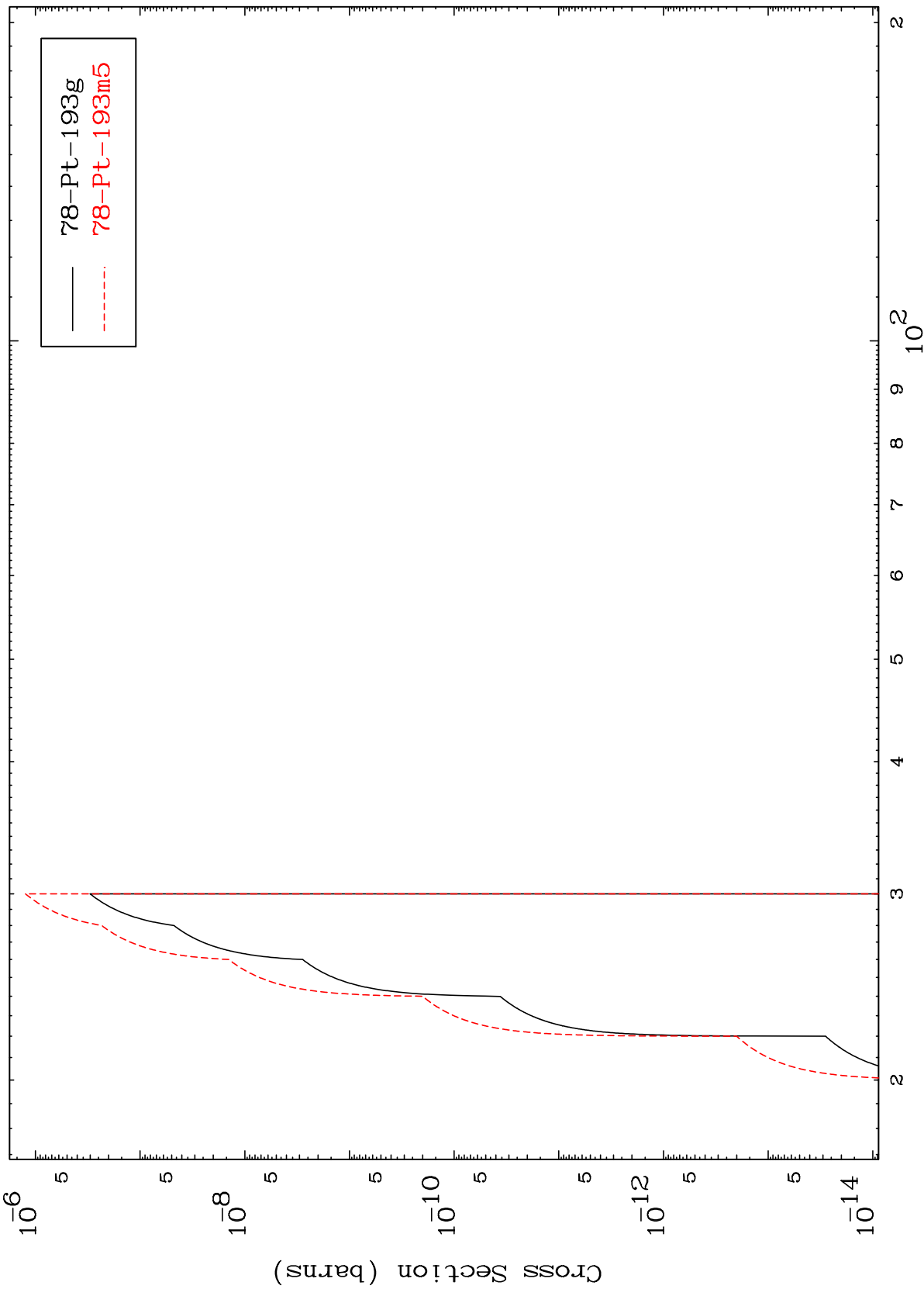


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$(\gamma, n')$  d

79-Au-196

Radionuclide Production Cross Section



15

Incident Energy (MeV)

79-Au-196

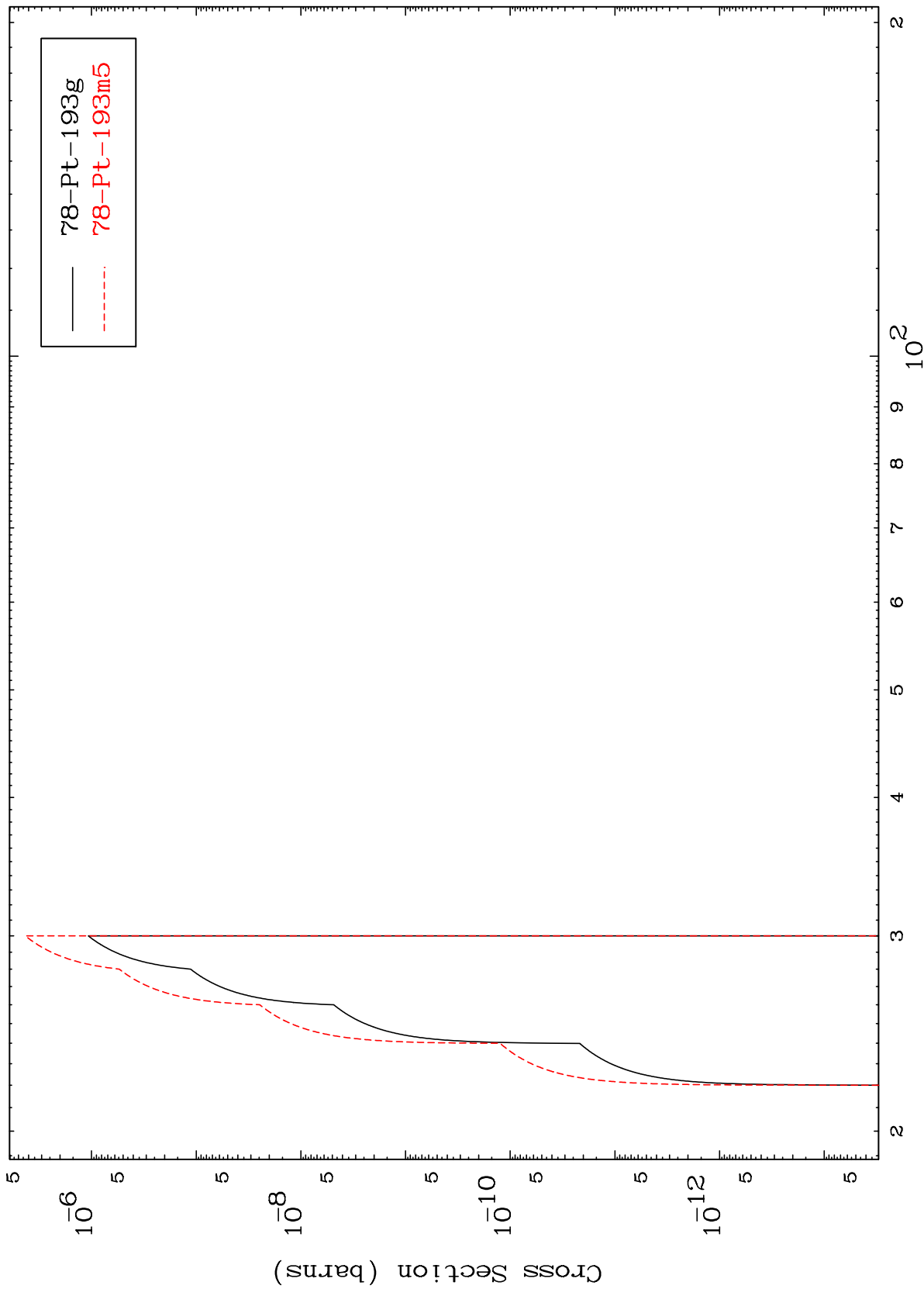


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( $\gamma, 2n$ ) p

79-Au-196

Radionuclide Production Cross Section



16

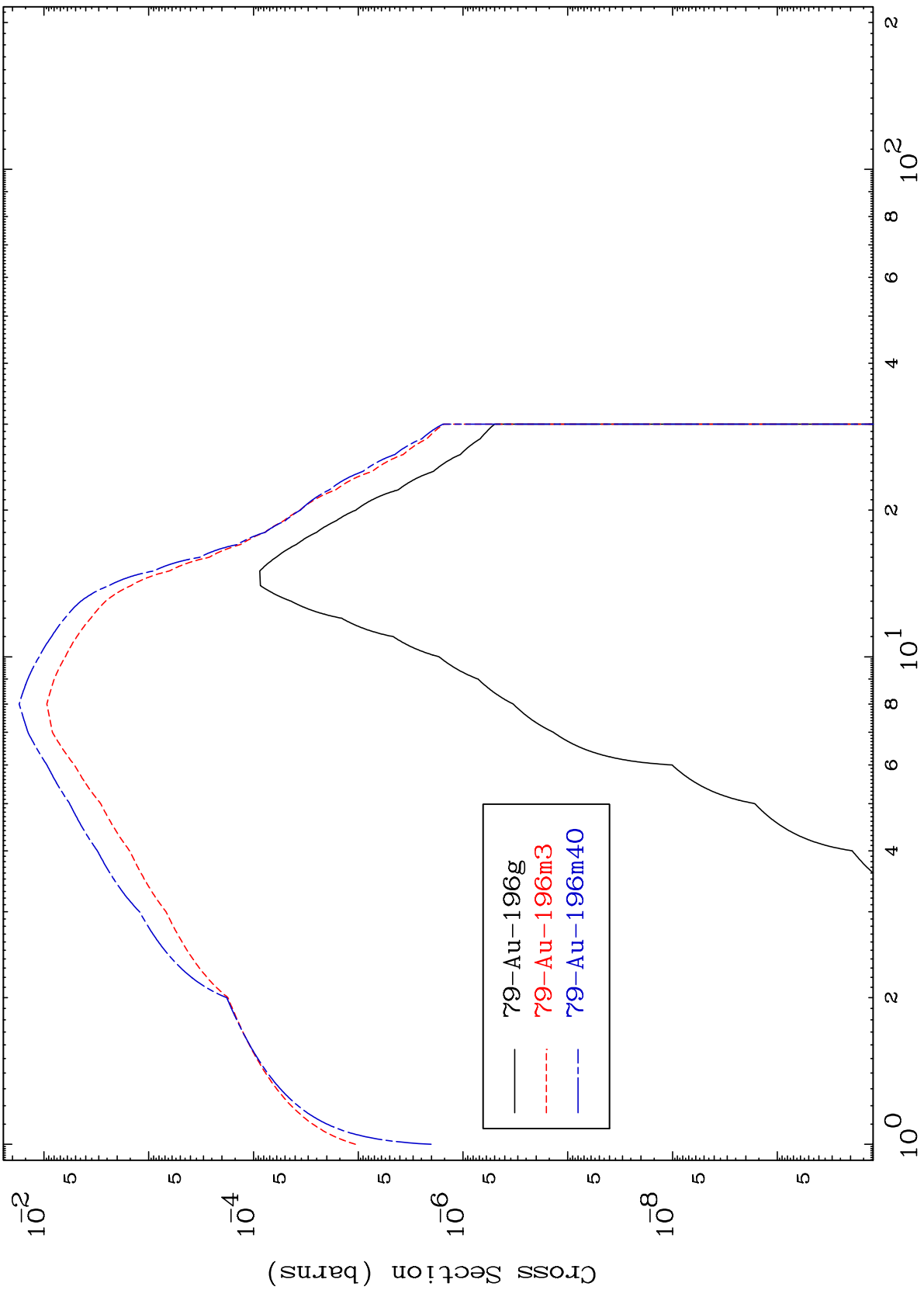
Incident Energy (MeV)

79-Au-196

MAT 7924

<sup>79</sup>Au-196

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



— <sup>79</sup>Au-196g  
- - <sup>79</sup>Au-196m3  
- - <sup>79</sup>Au-196m40

<sup>79</sup>Au-196

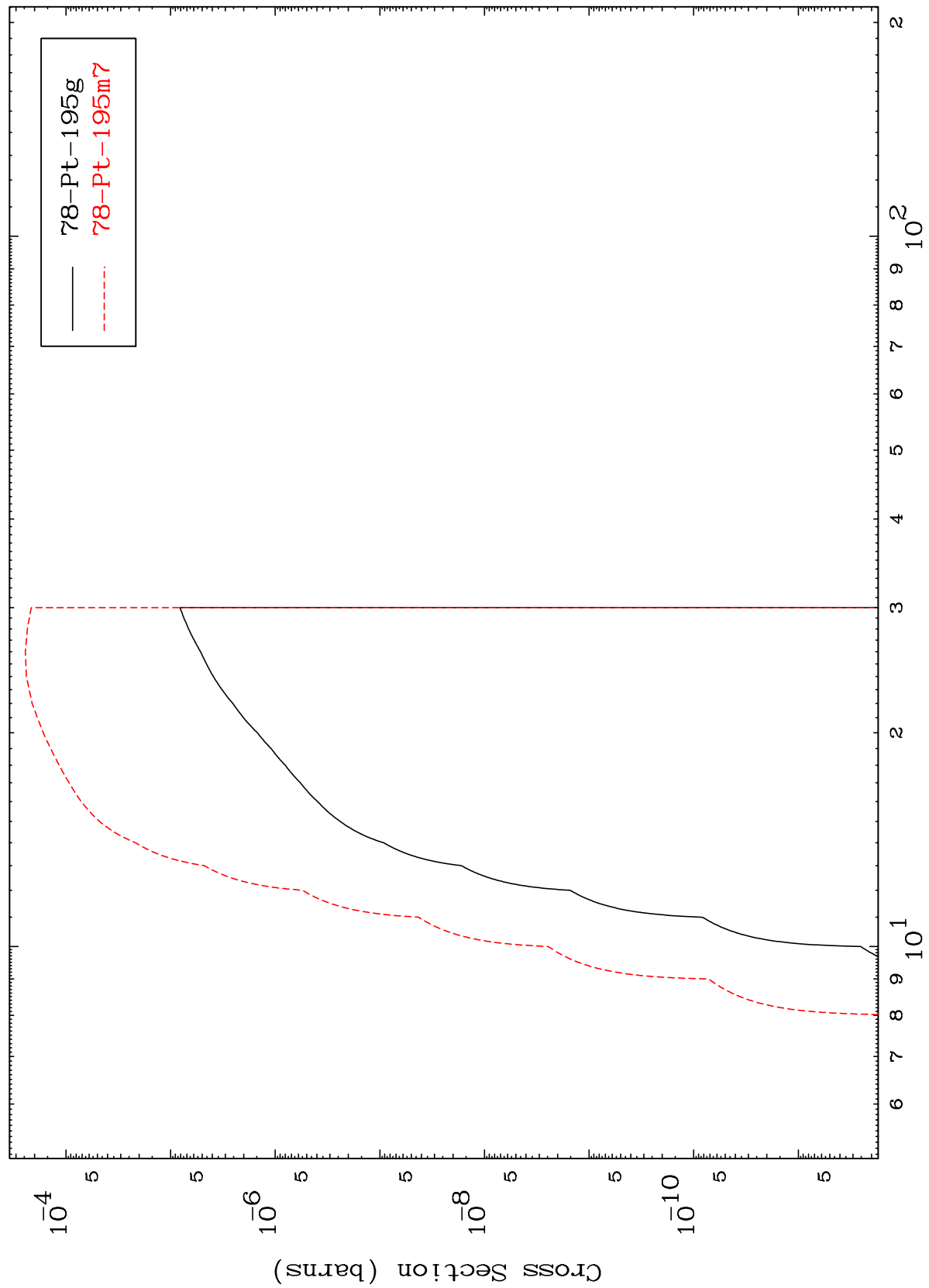
Incident Energy (MeV)

17

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79-Au-196

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

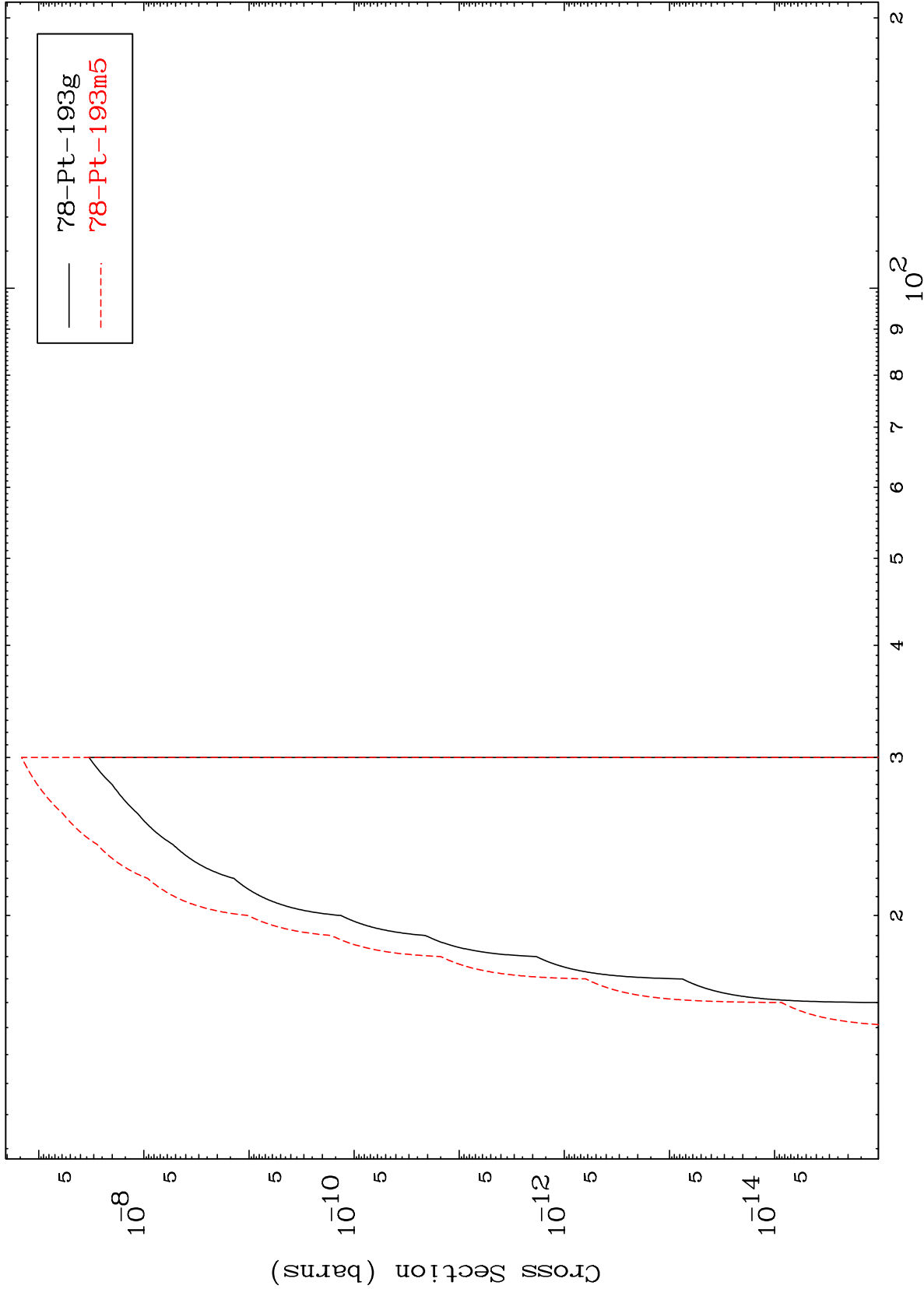


18

Incident Energy (MeV)

79-Au-196

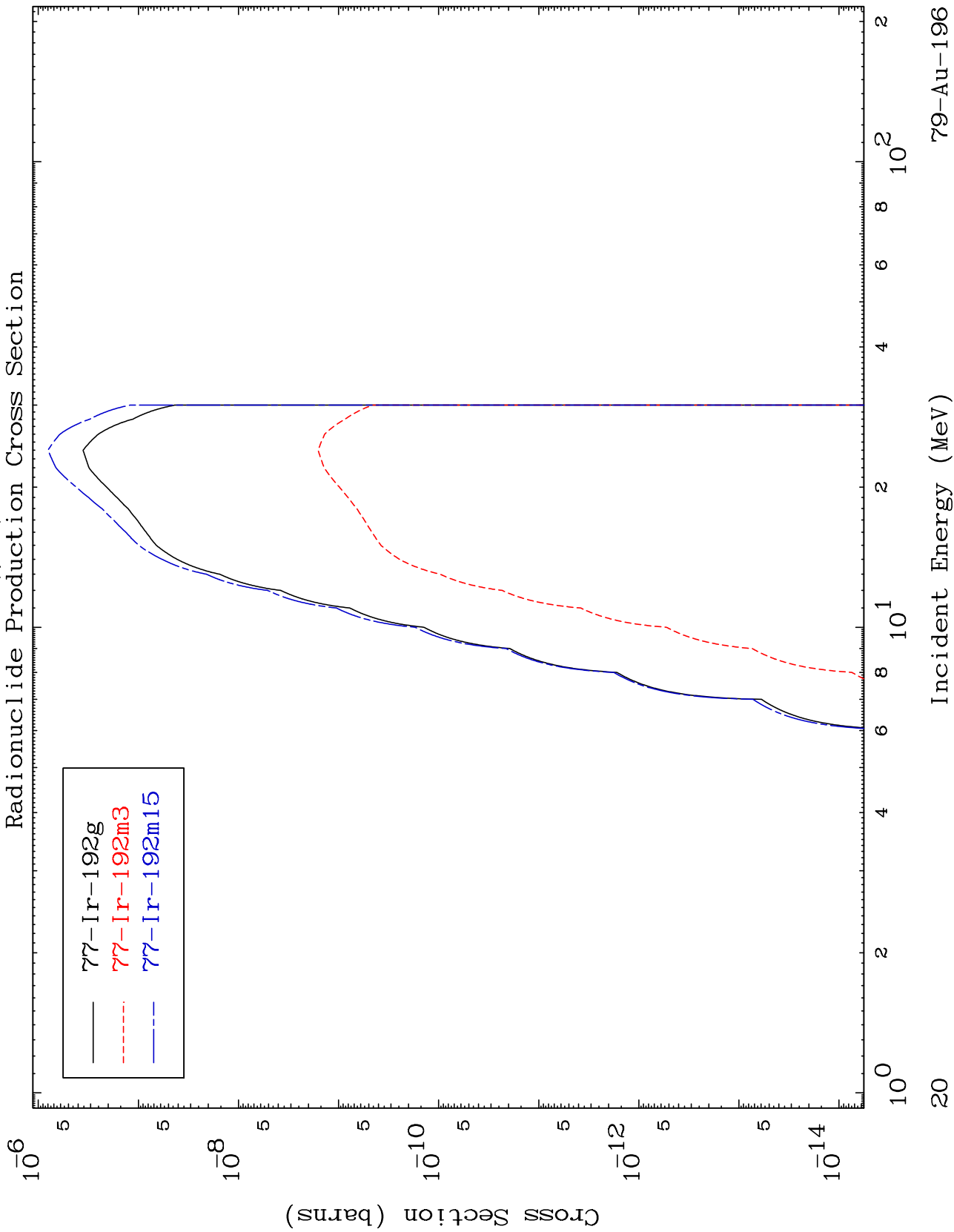
( $\gamma, t$ )  
Radionuclide Production Cross Section



MAT 7924

79-Au-196

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



79-Au-196

Incident Energy (MeV)

20