

Program EVALPLOT  
(Version 2018-1)

by

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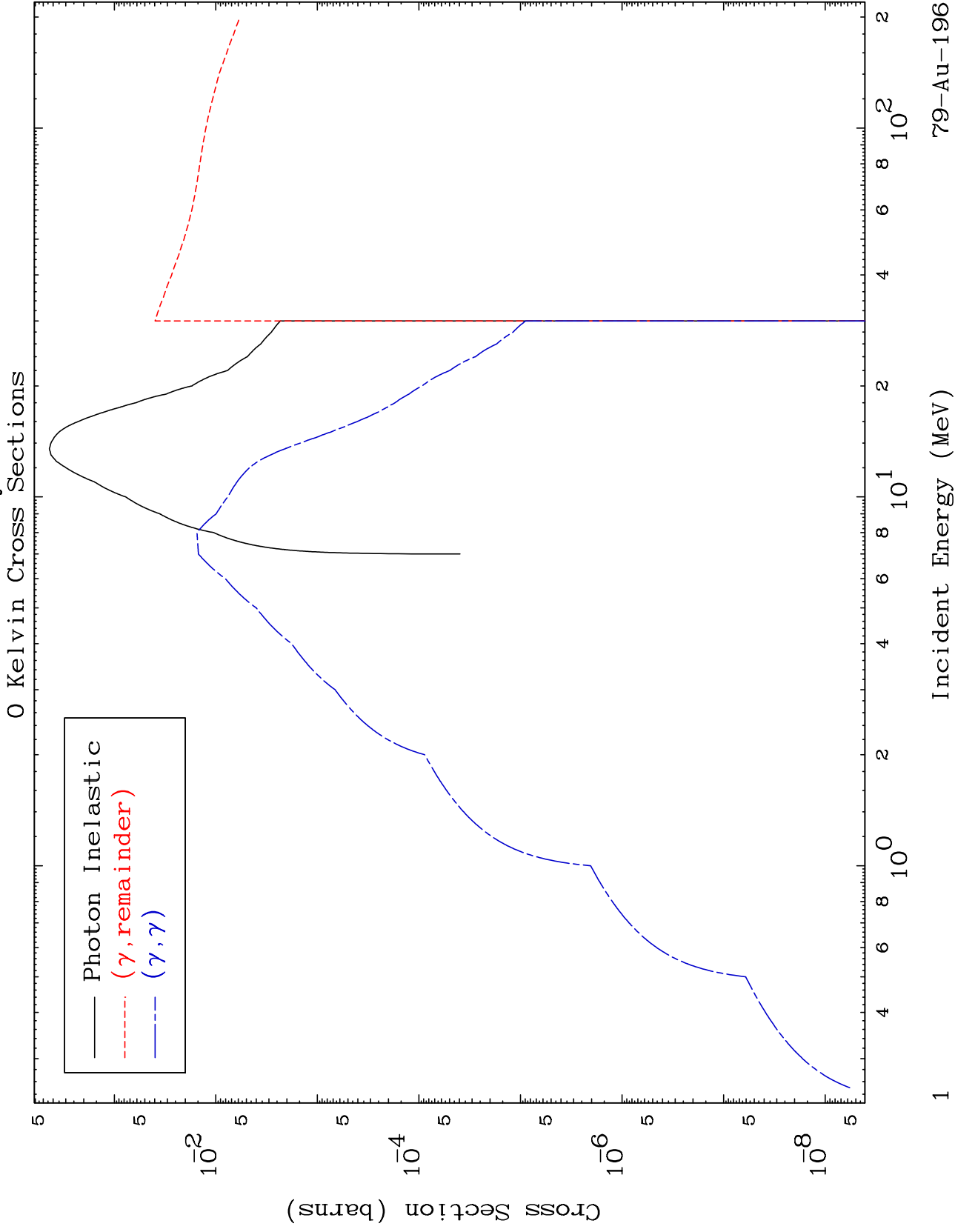
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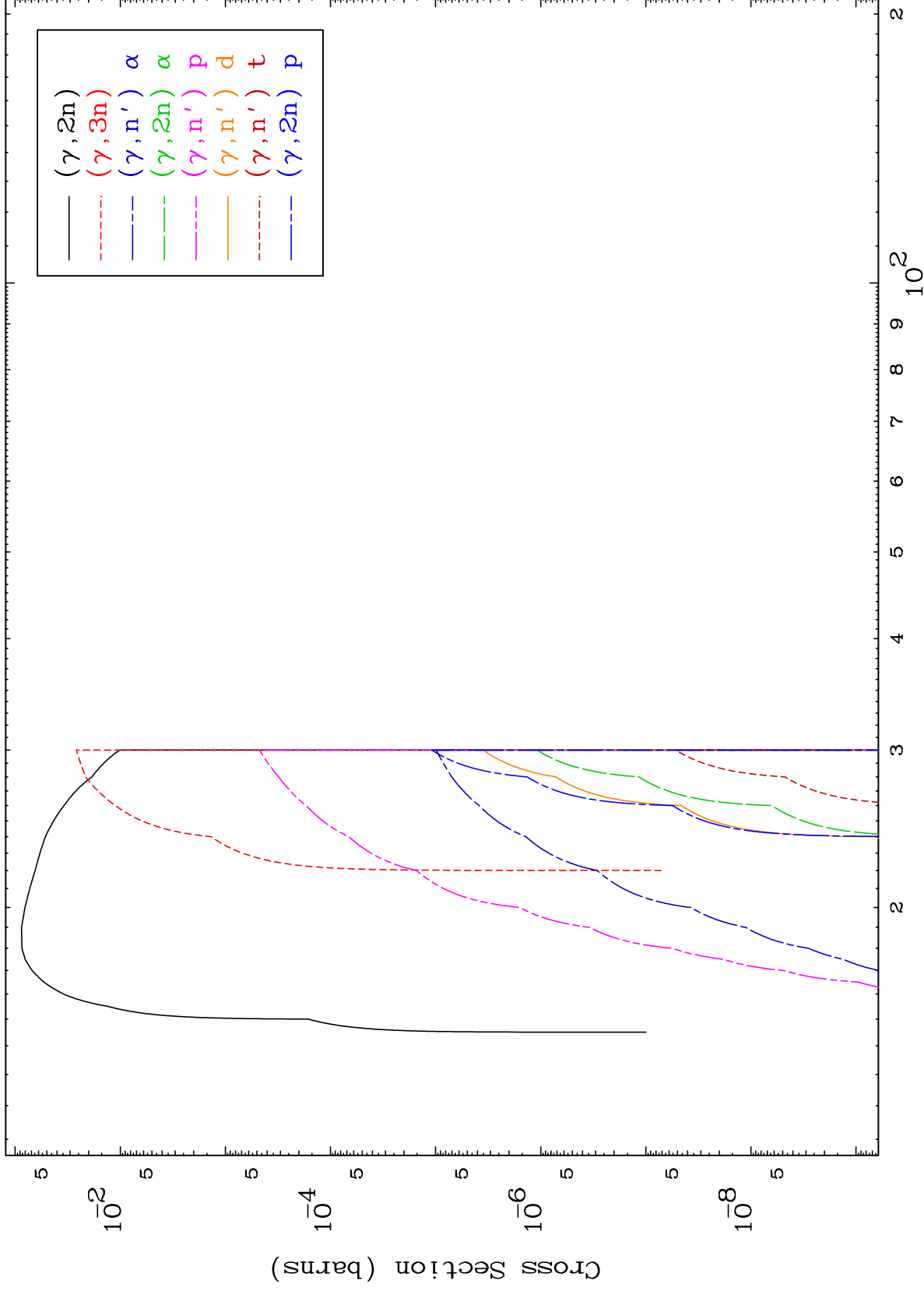
Press Mouse Button to Start

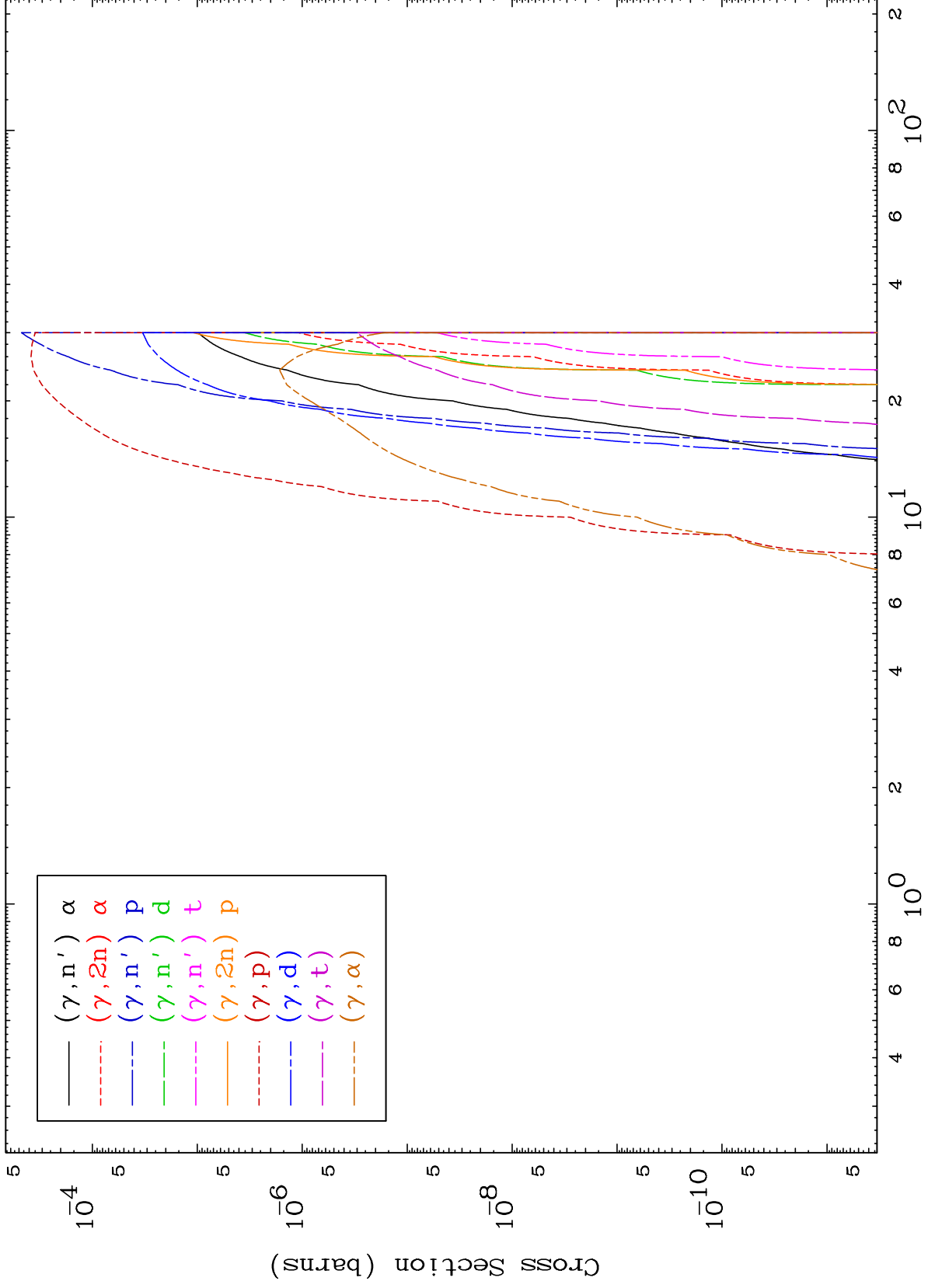
MAT 7924

Photon Major

79-Au-196





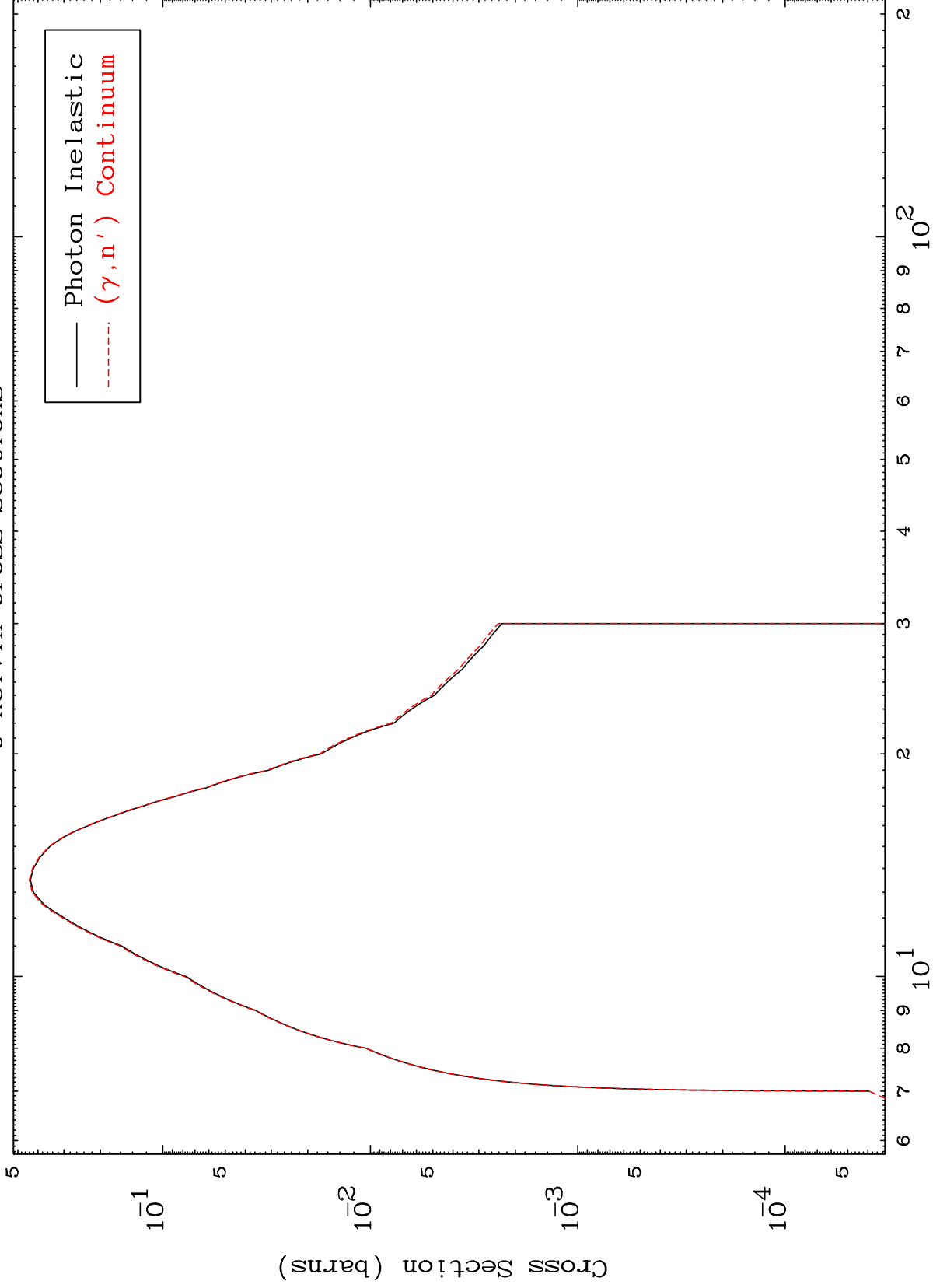


MAT 7924

( $\gamma, n'$ ) Level

79-Au-196

0 Kelvin Cross Sections



Incident Energy (MeV)

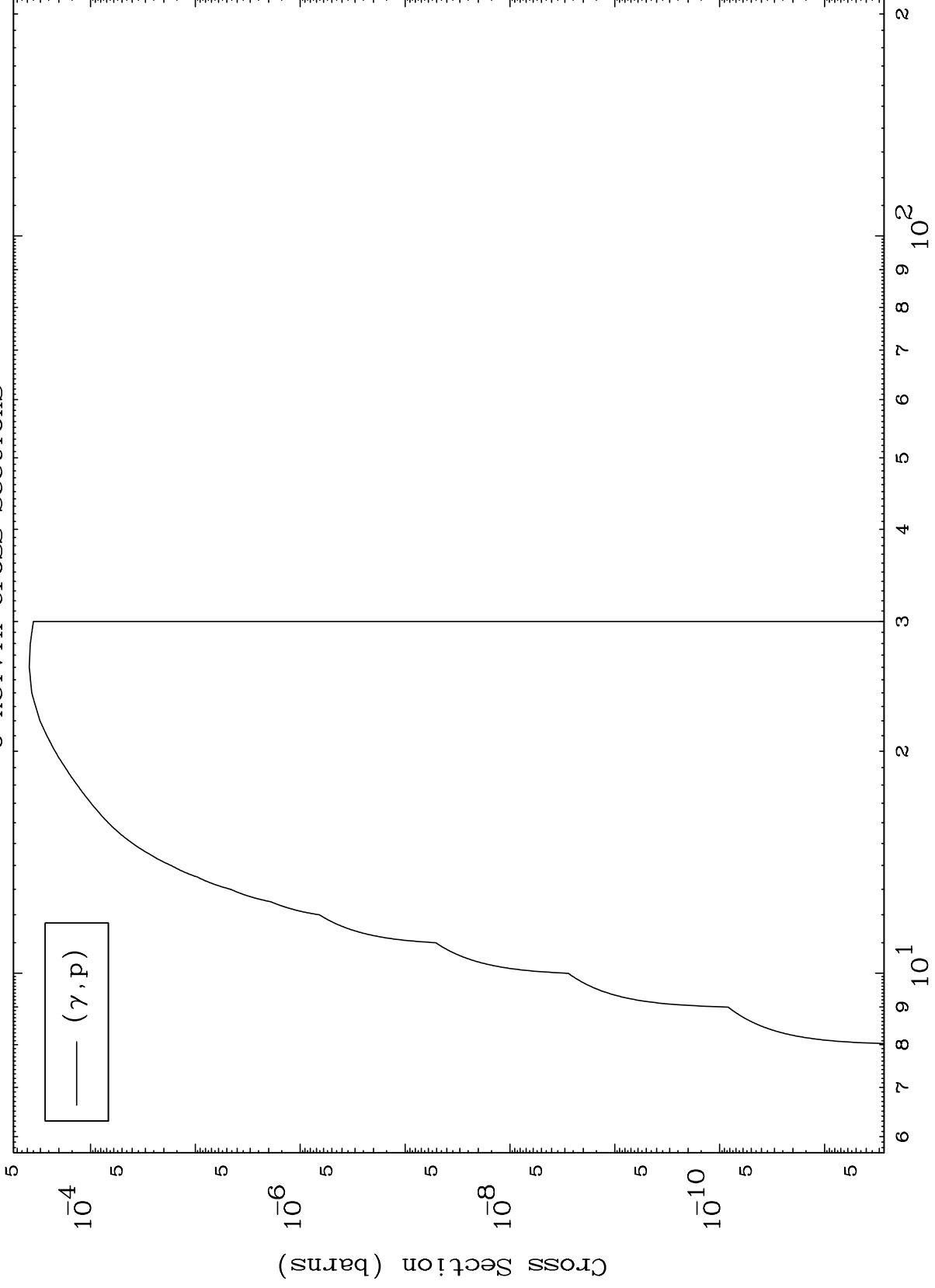
79-Au-196

4

MAT 7924

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

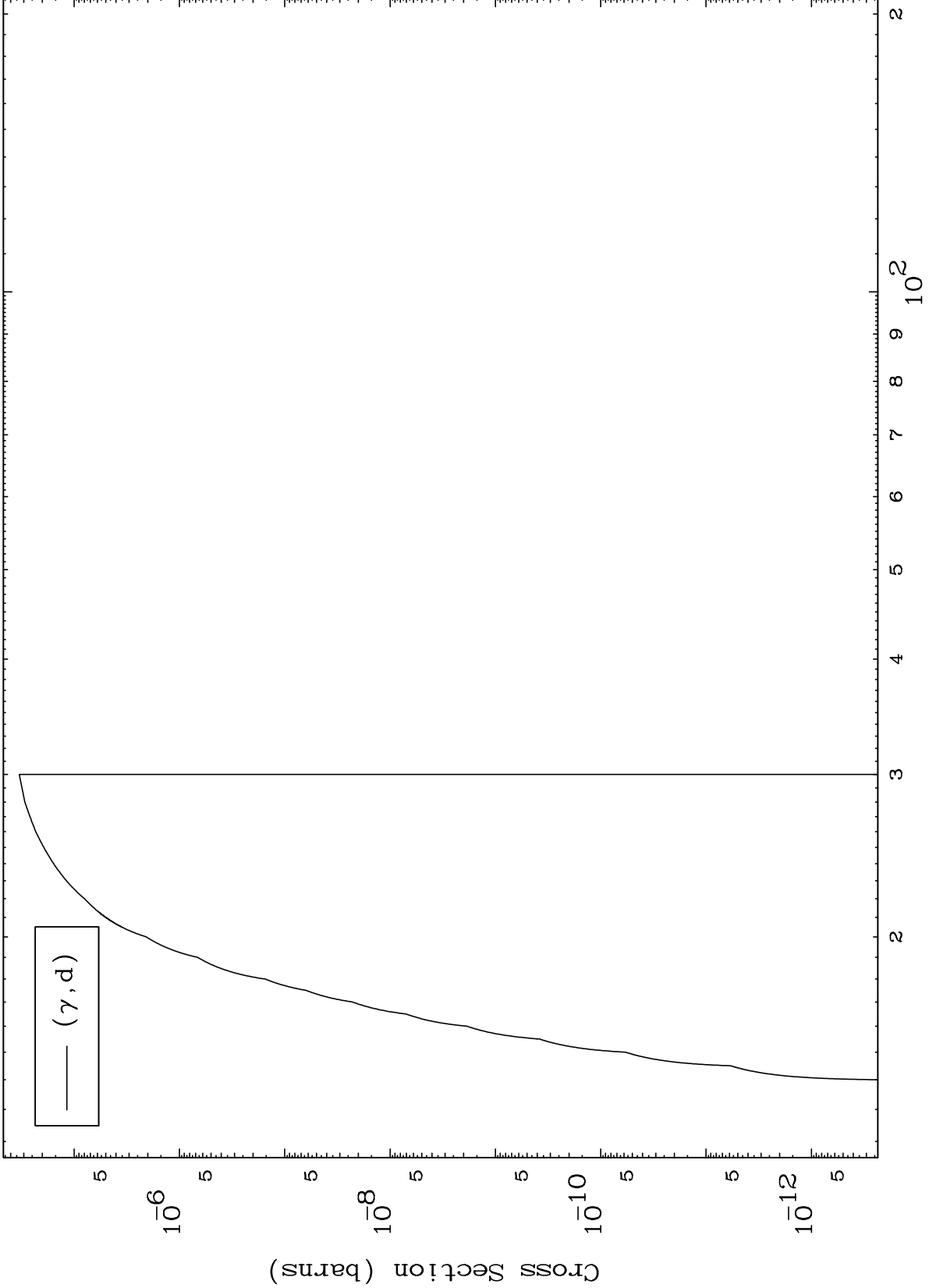
79-Au-196



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Incident Energy (MeV)

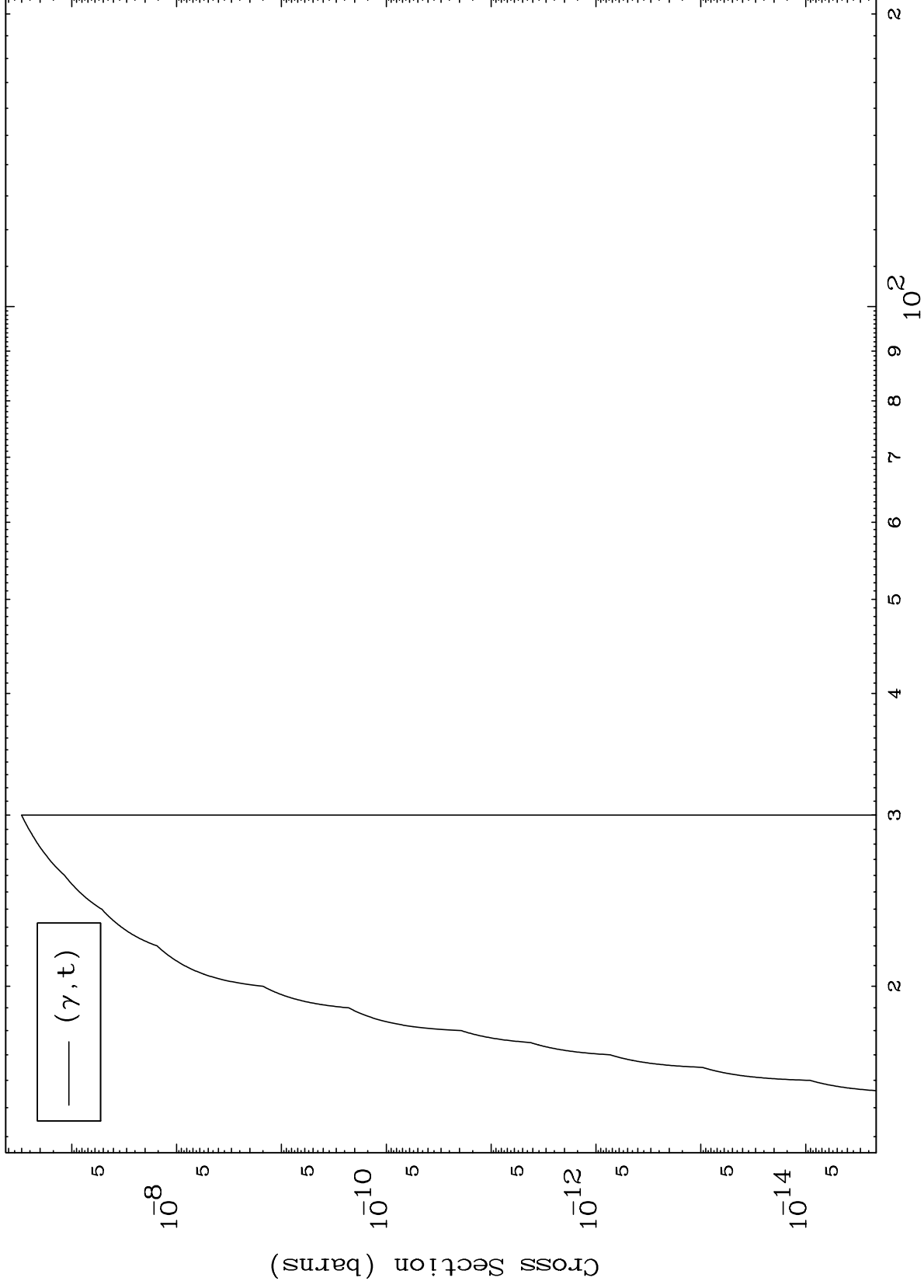
79-Au-196



MAT 7924

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

79-Au-196



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Incident Energy (MeV)

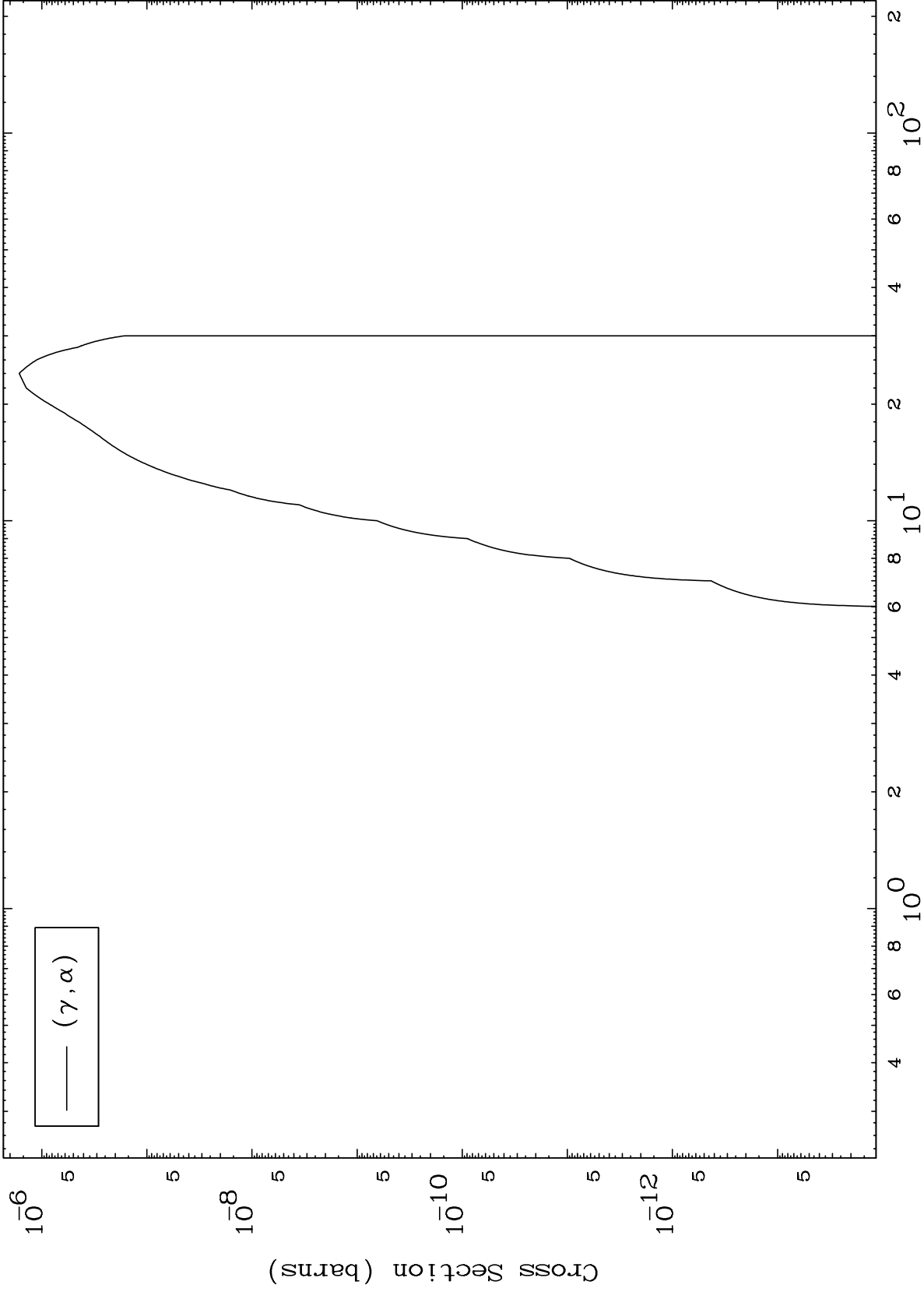
79-Au-196



MAT 7924

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

79-Au-196



8

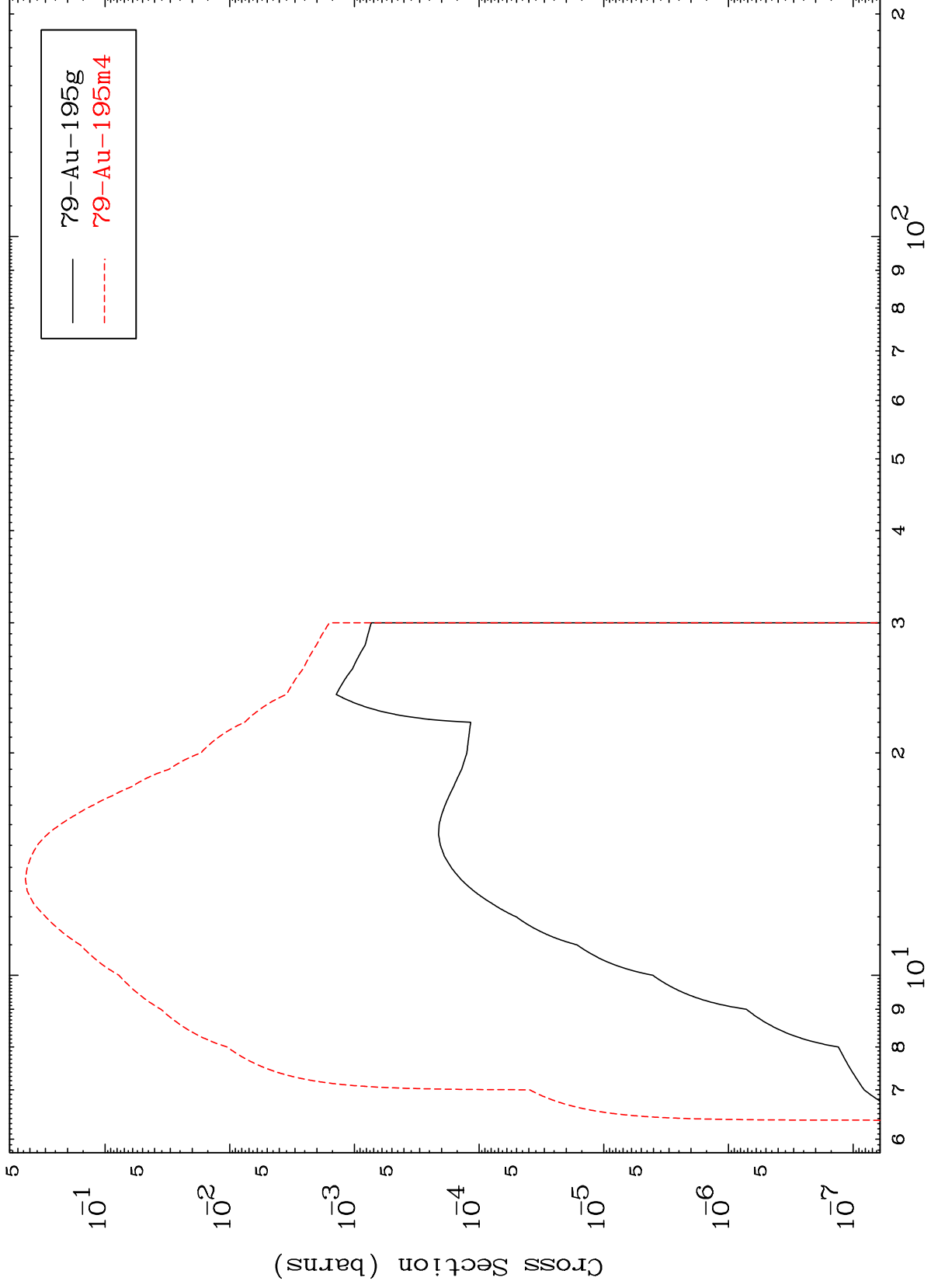
Incident Energy (MeV)

79-Au-196

MAT 7924

Photon Inelastic  
Radionuclide Production Cross Section

79-Au-196



9

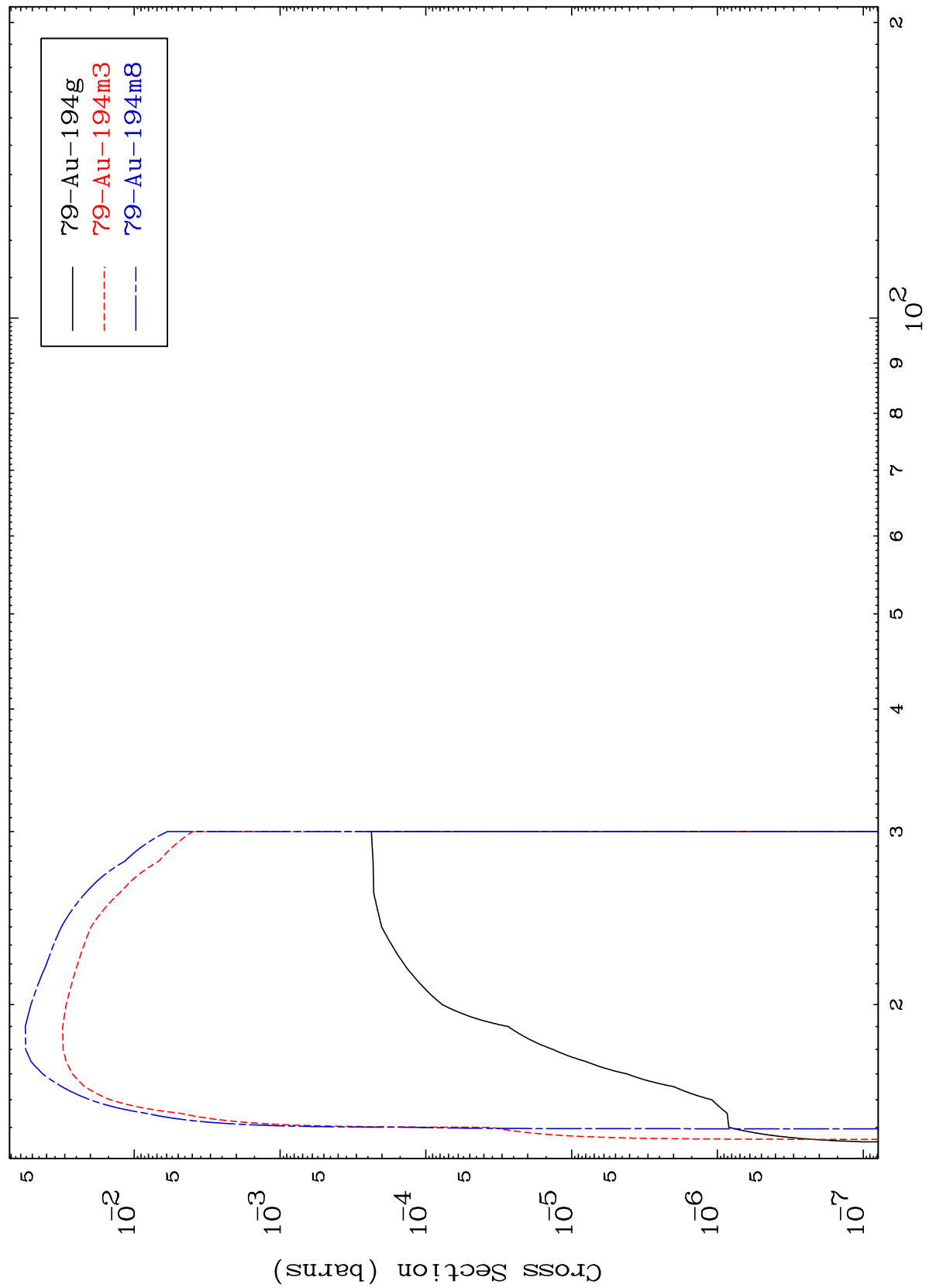
Incident Energy (MeV)

79-Au-196

MAT 7924

79-Au-196

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



79-Au-196

Incident Energy (MeV)

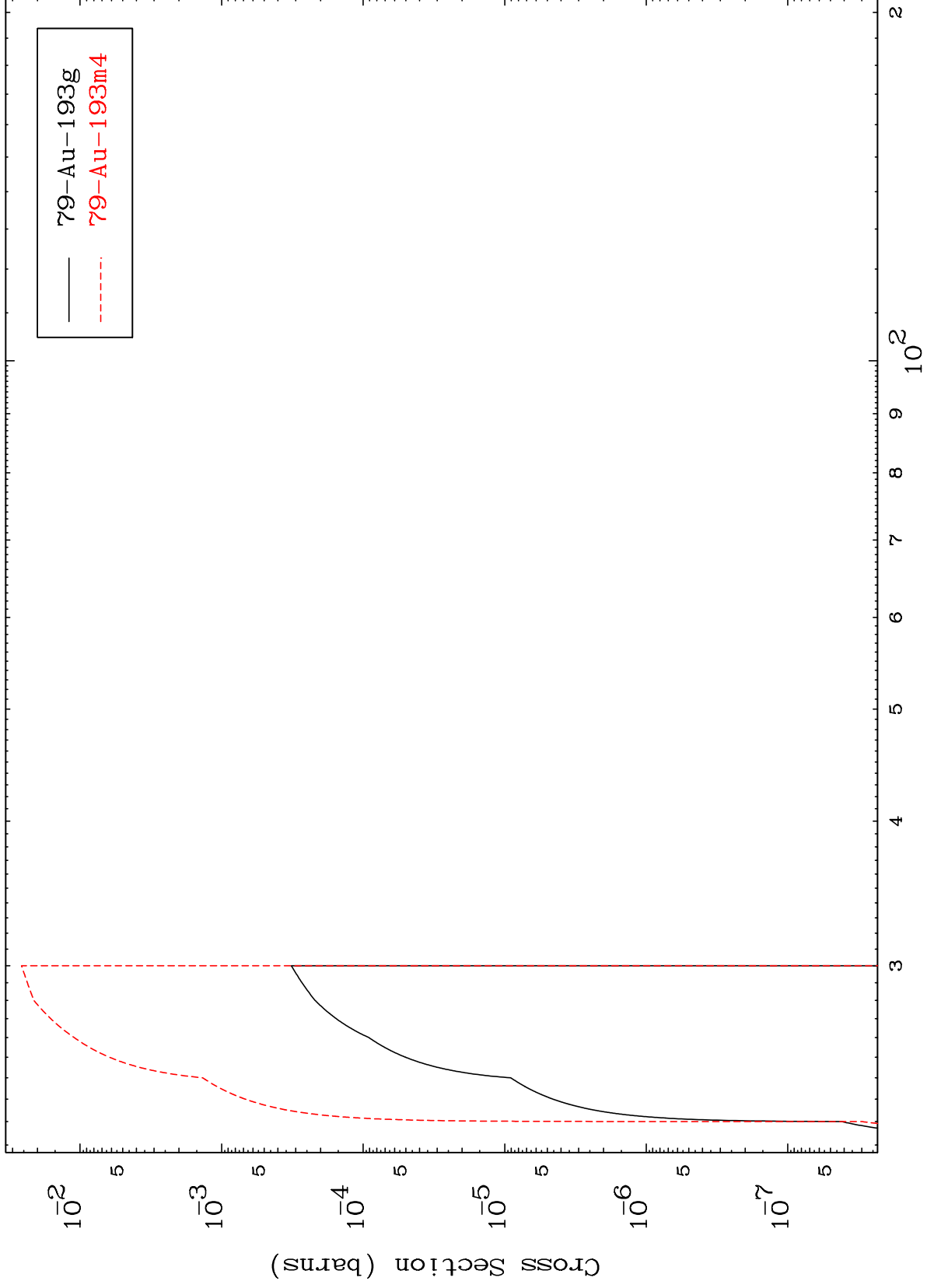
10

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( $\gamma, 3n$ )

<sup>79</sup>Au-196

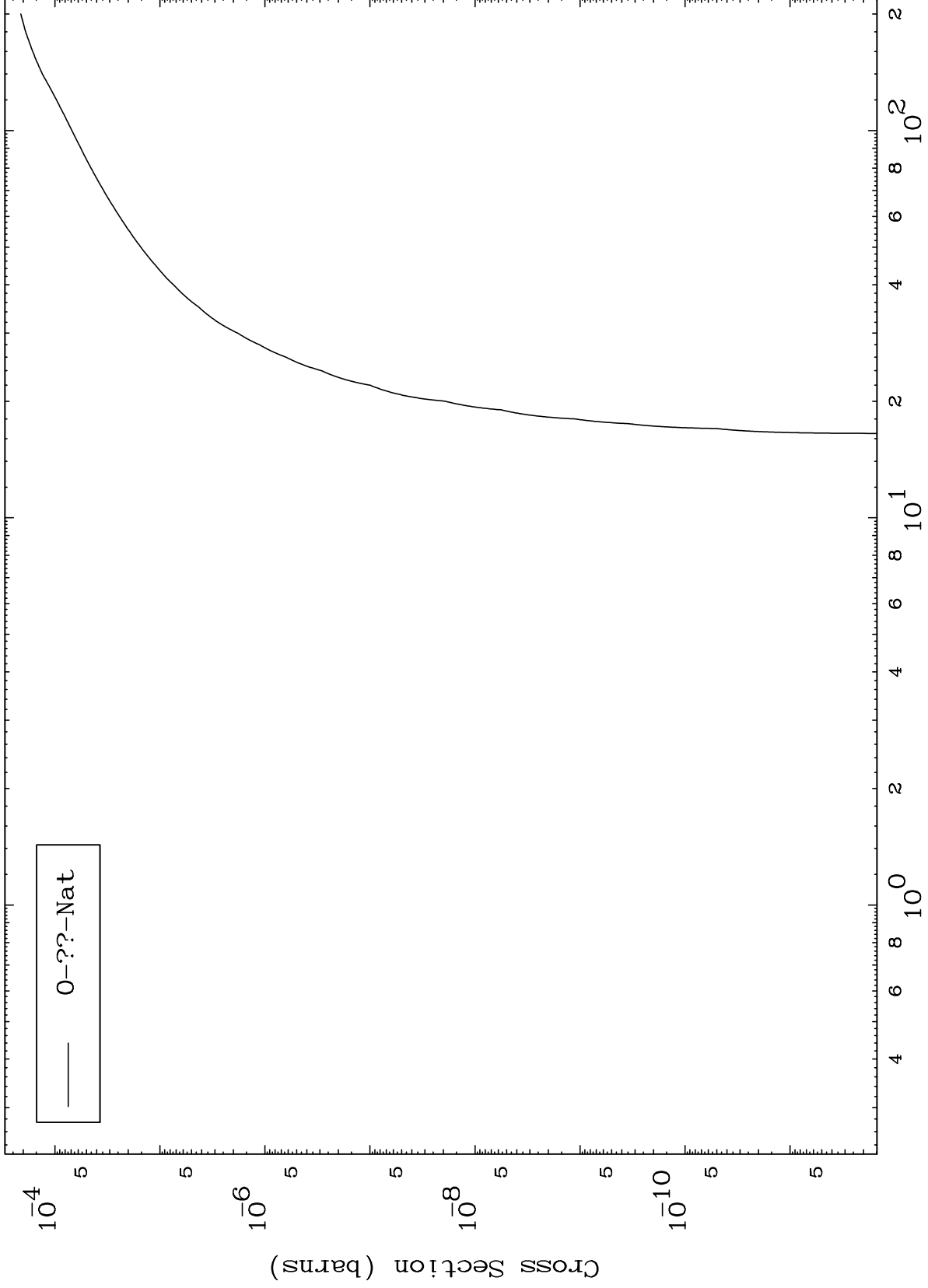
Radionuclide Production Cross Section



MAT 7924

Photon Fission  
Radionuclide Production Cross Section

79-Au-196



12

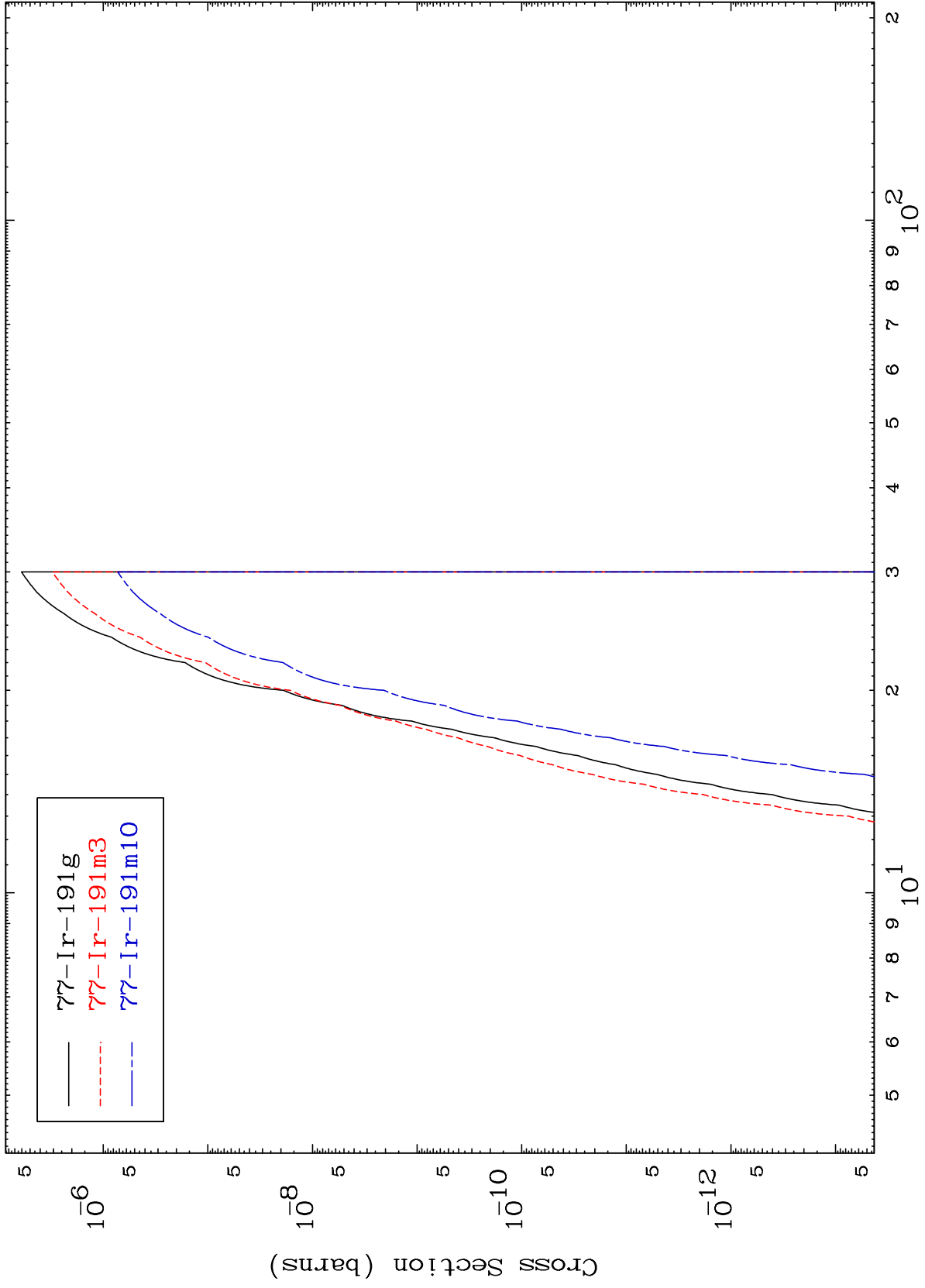
Incident Energy (MeV)

79-Au-196

MAT 7924

79-Au-196

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



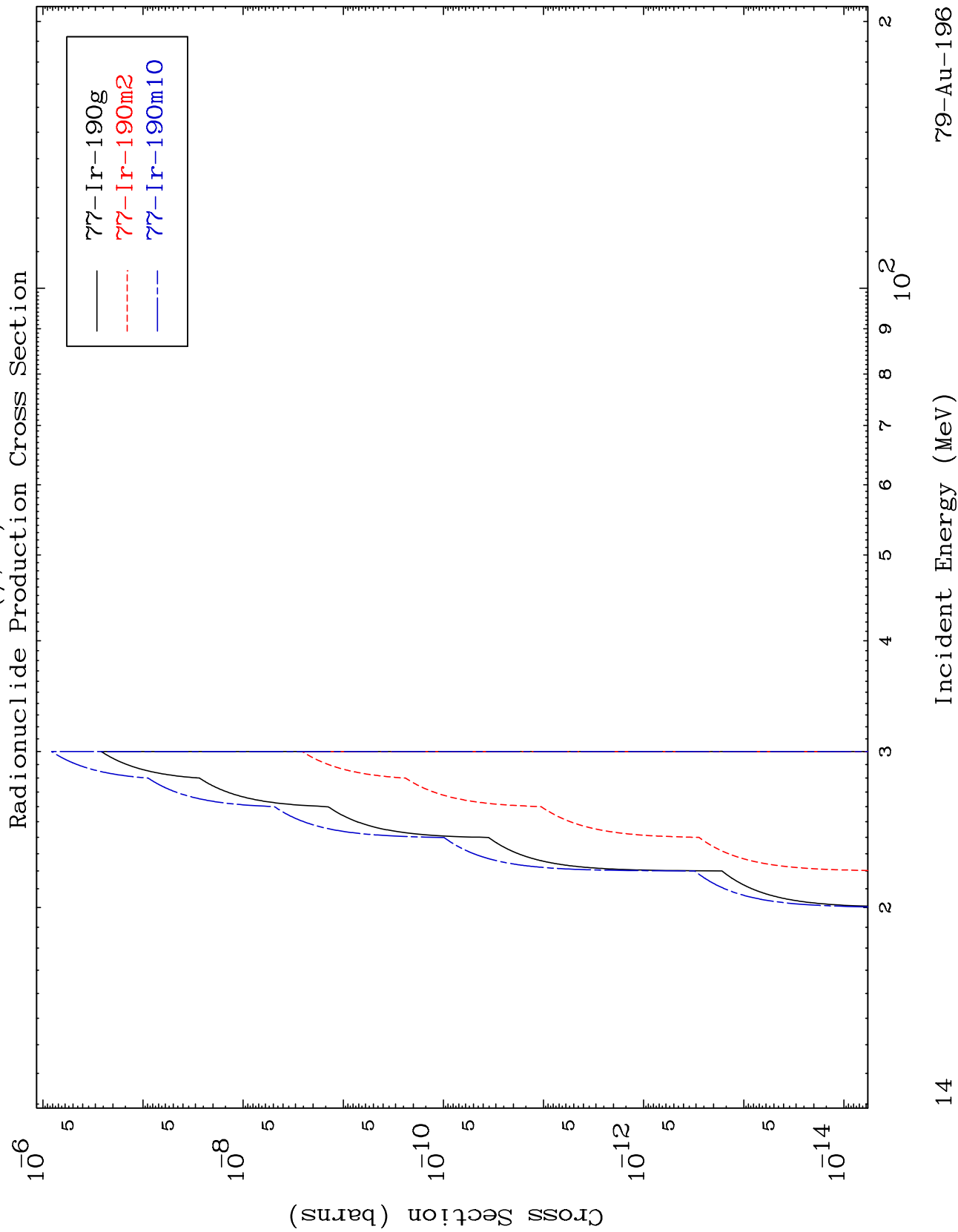
13

79-Au-196

MAT 7924

$(\gamma, 2n) \alpha$

79-Au-196



14

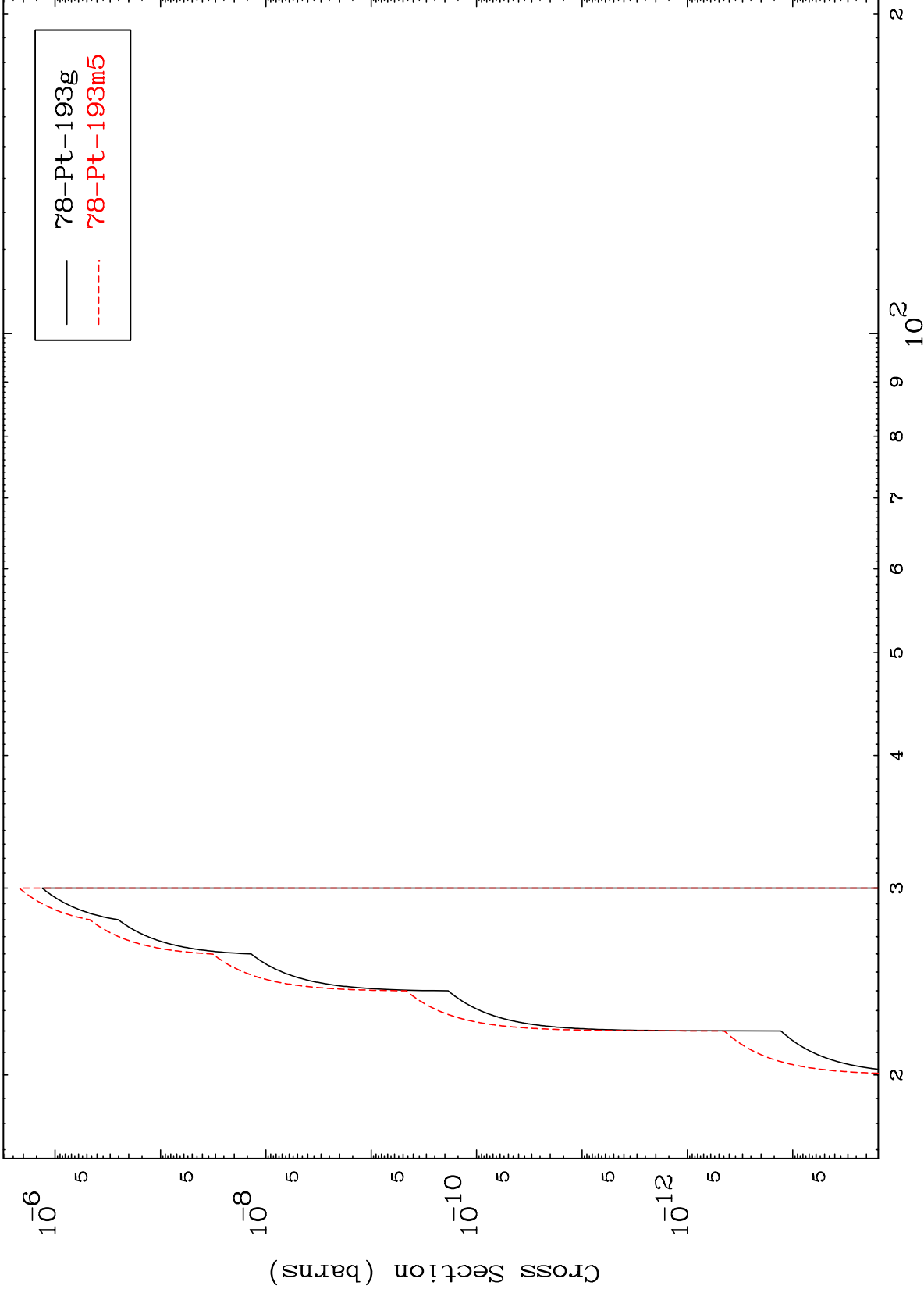
79-Au-196

MAT 7924

( $\gamma, n'$ ) d

79-Au-196

Radionuclide Production Cross Section



15

Incident Energy (MeV)

79-Au-196

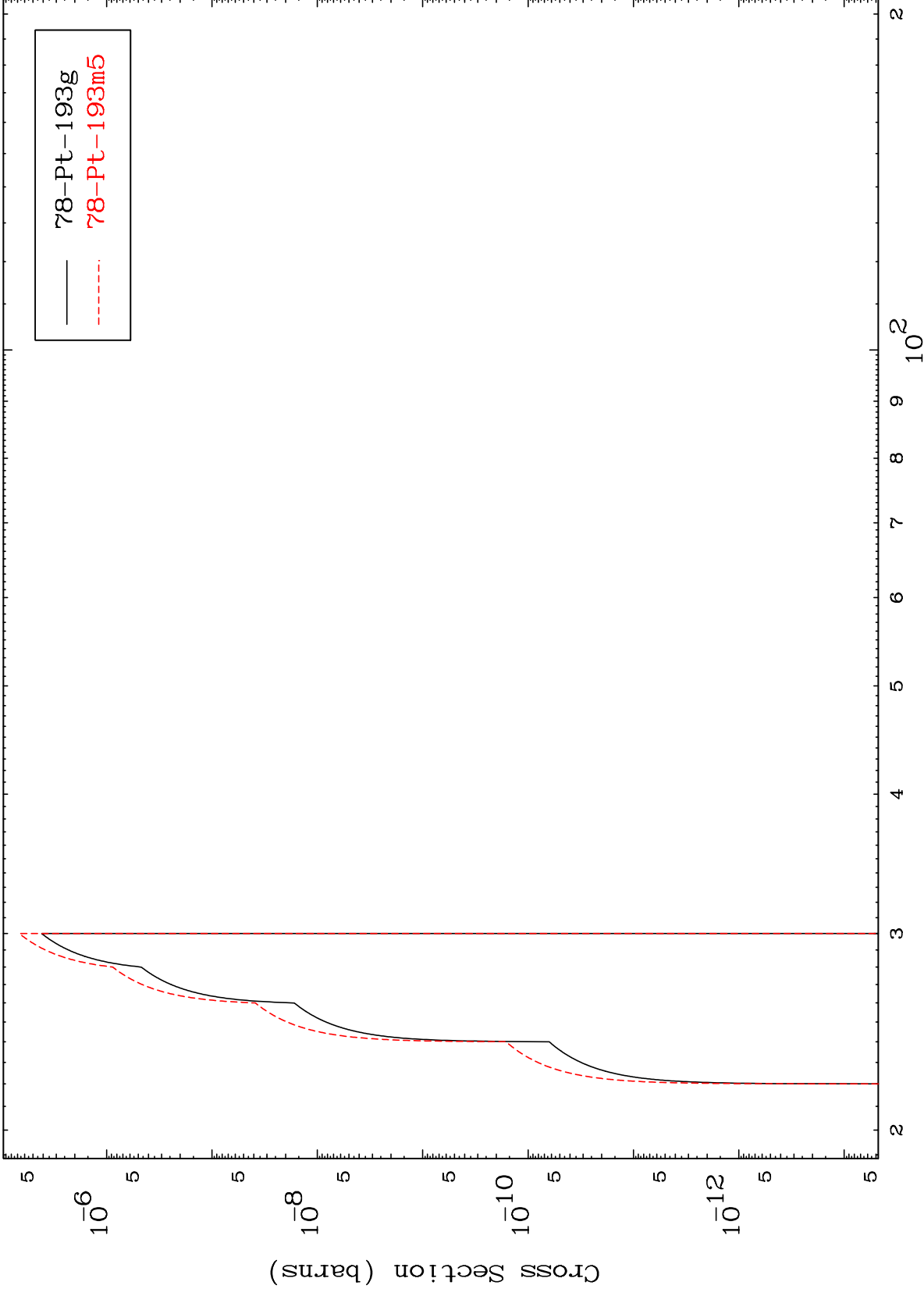


MAT 7924

( $\gamma, 2n$ ) p

79-Au-196

Radionuclide Production Cross Section



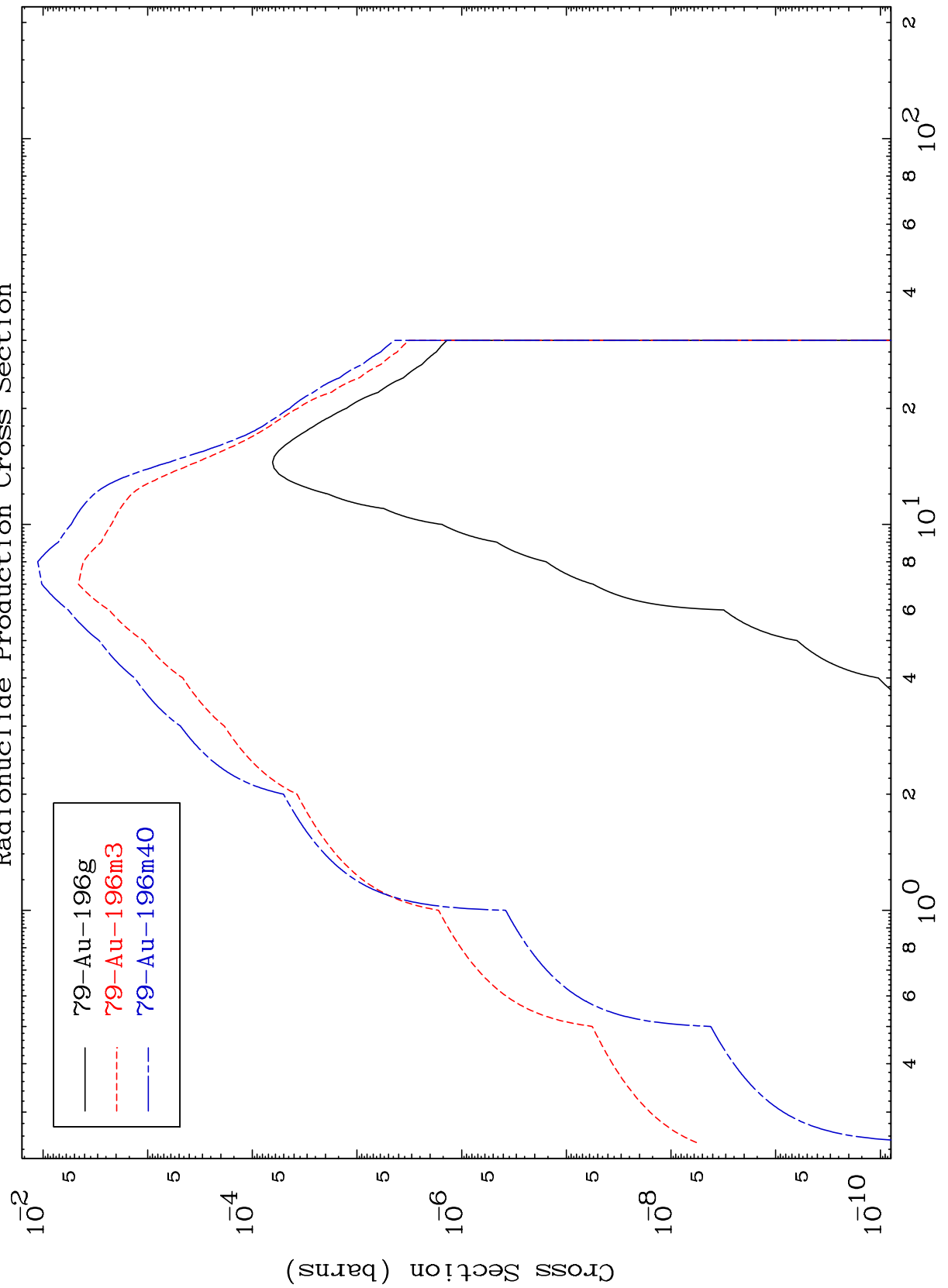
78-Pt-193g  
78-Pt-193m5

16

Incident Energy (MeV)

79-Au-196

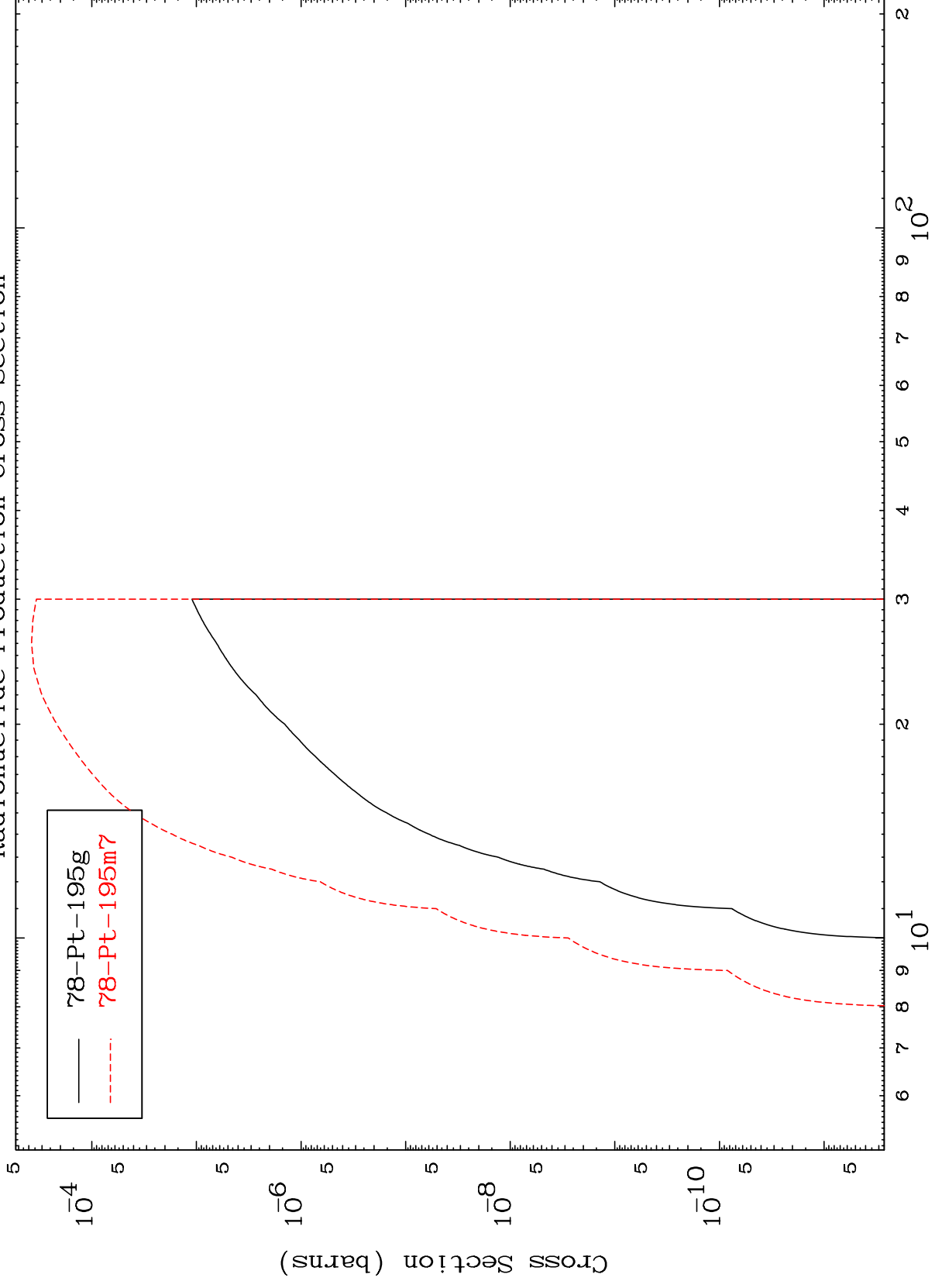
( $\gamma, \gamma$ )  
Radionuclide Production Cross Section



MAT 7924

79-Au-196

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



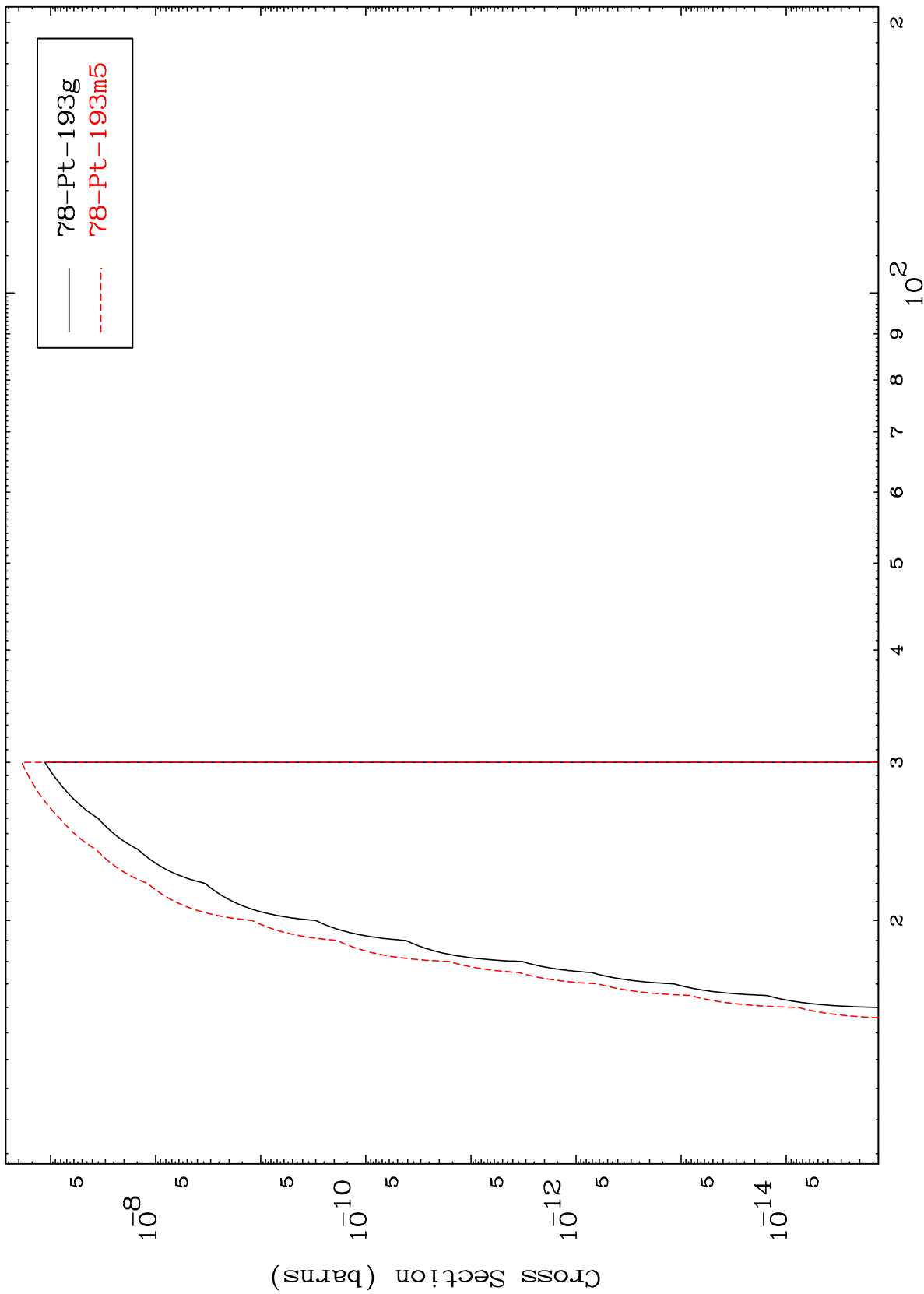
78-Pt-195g  
78-Pt-195m7

18

Incident Energy (MeV)

79-Au-196

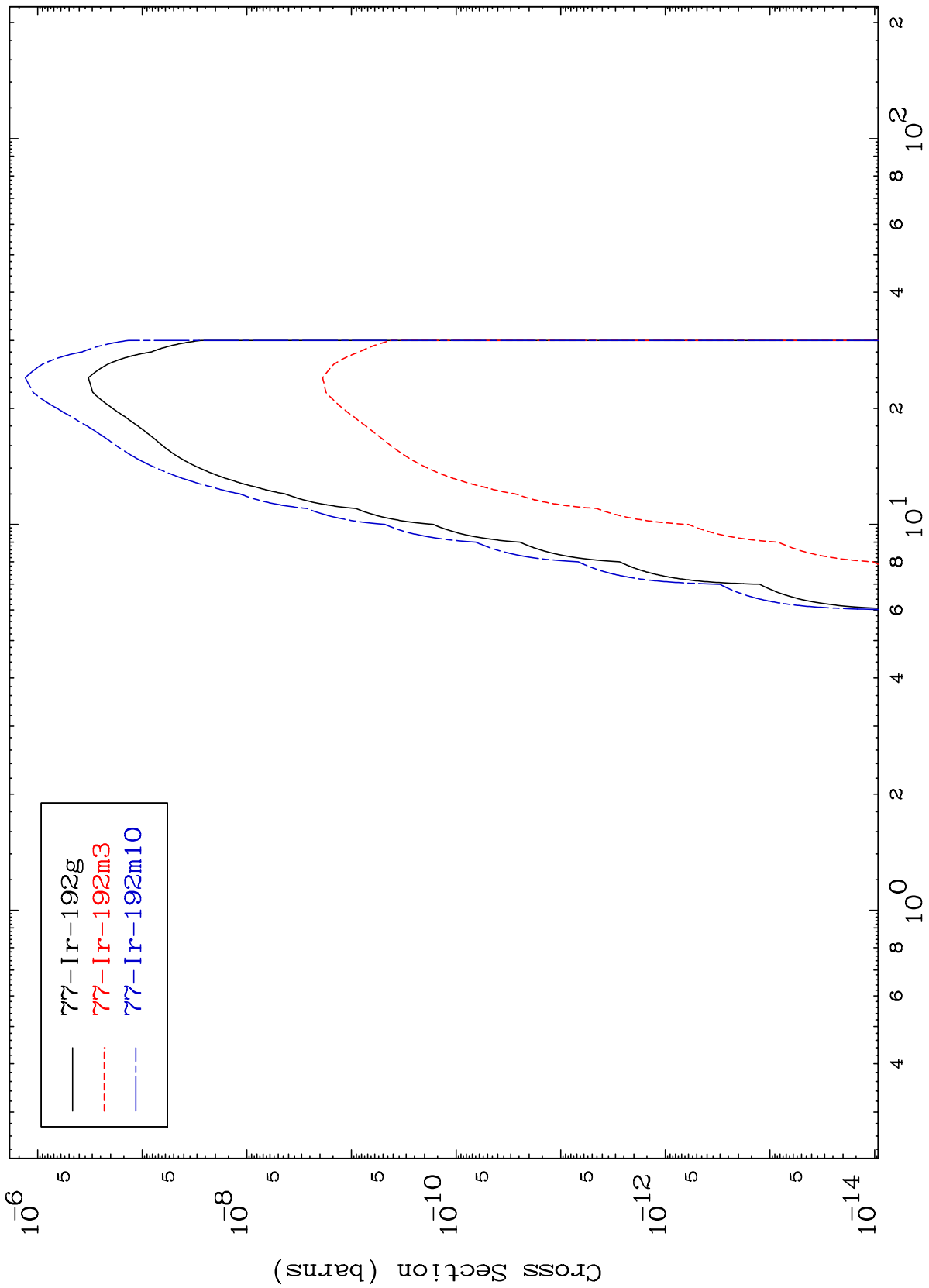
( $\gamma, t$ )  
Radionuclide Production Cross Section



MAT 7924

79-Au-196

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



77-Ir-192g  
77-Ir-192m3  
77-Ir-192m10

79-Au-196

Incident Energy (MeV)

20