

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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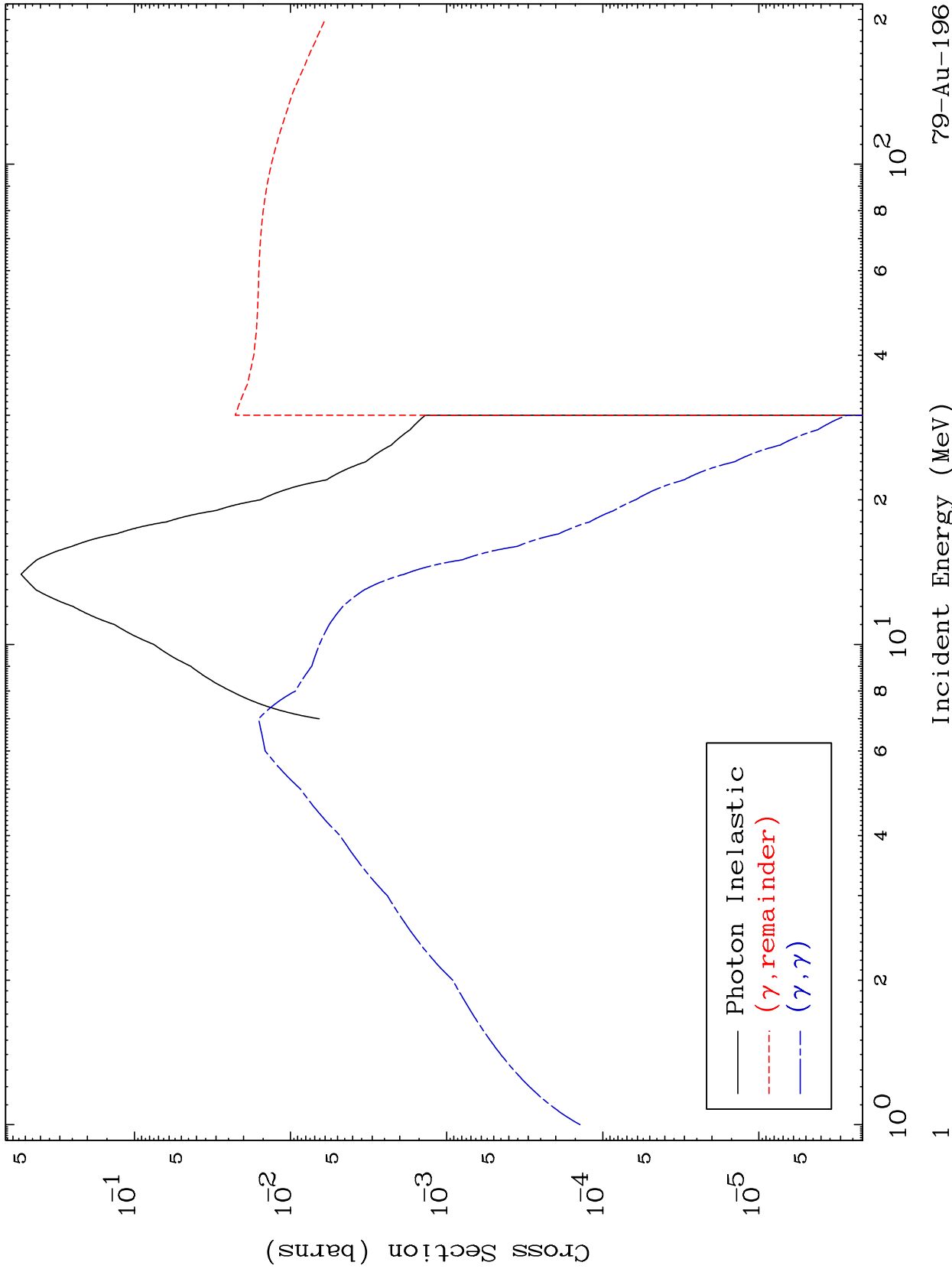
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

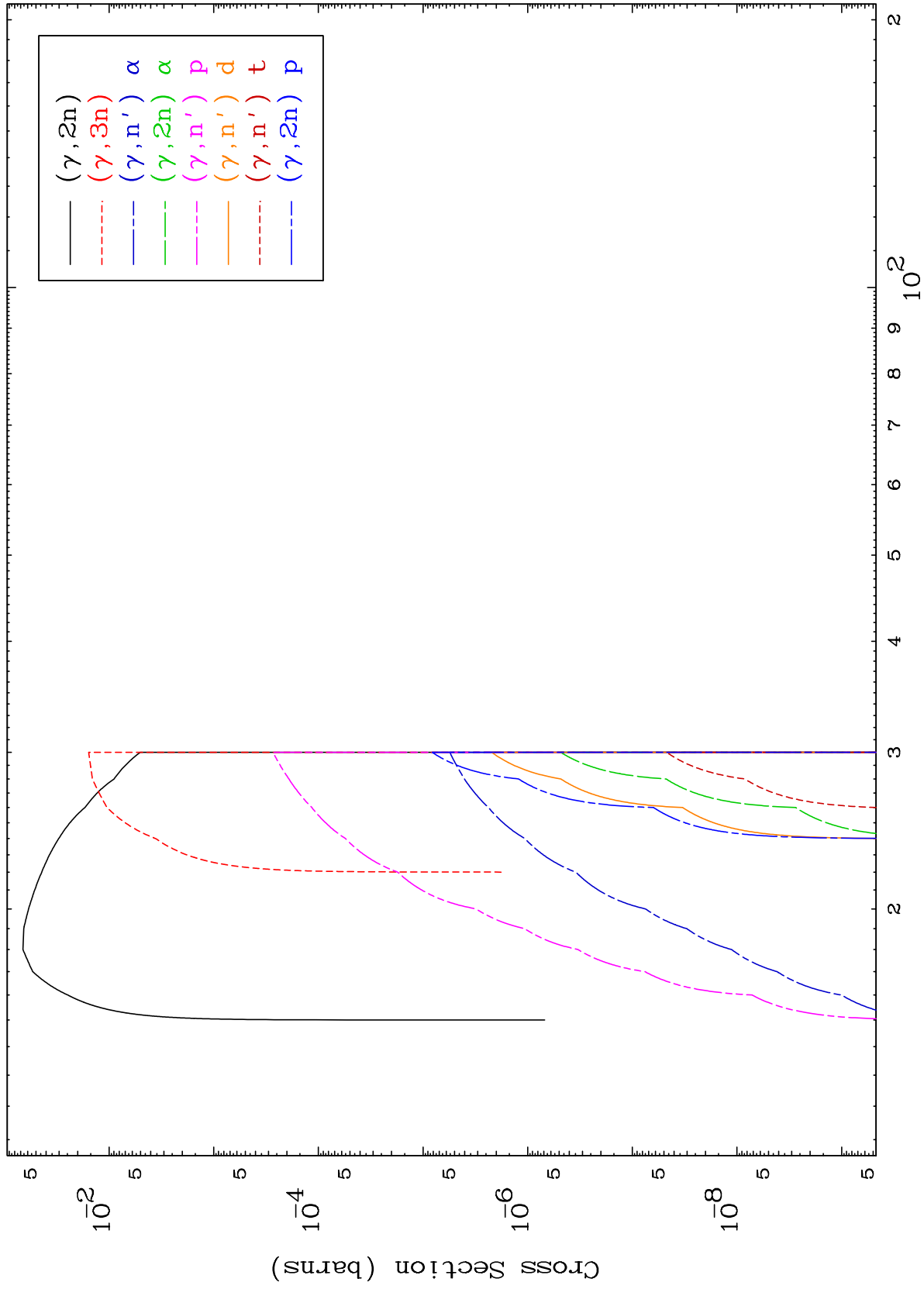
Press Mouse Button to Start

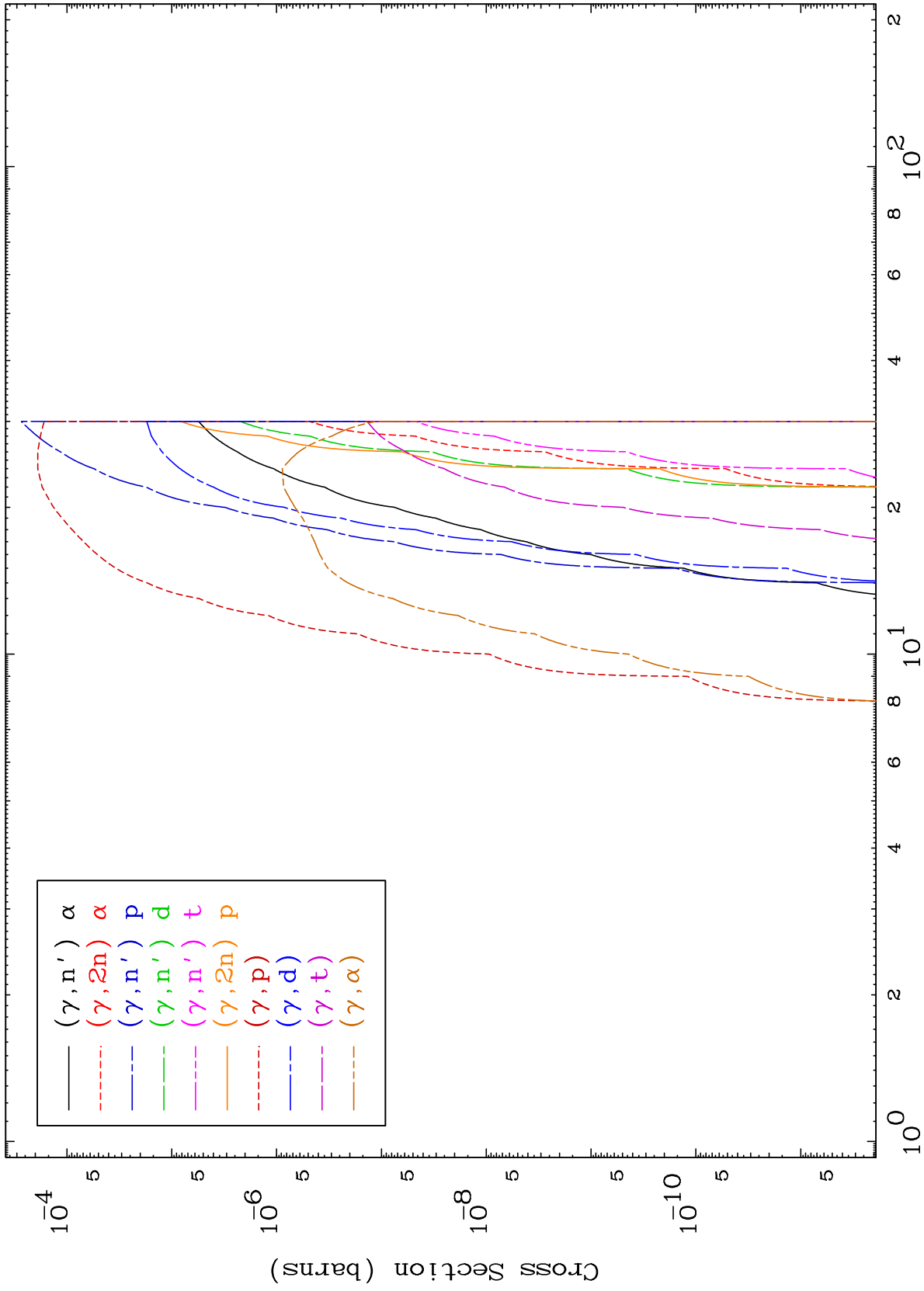
MAT 7923

Photon Major  
0 Kelvin Cross Sections

79-Au-196



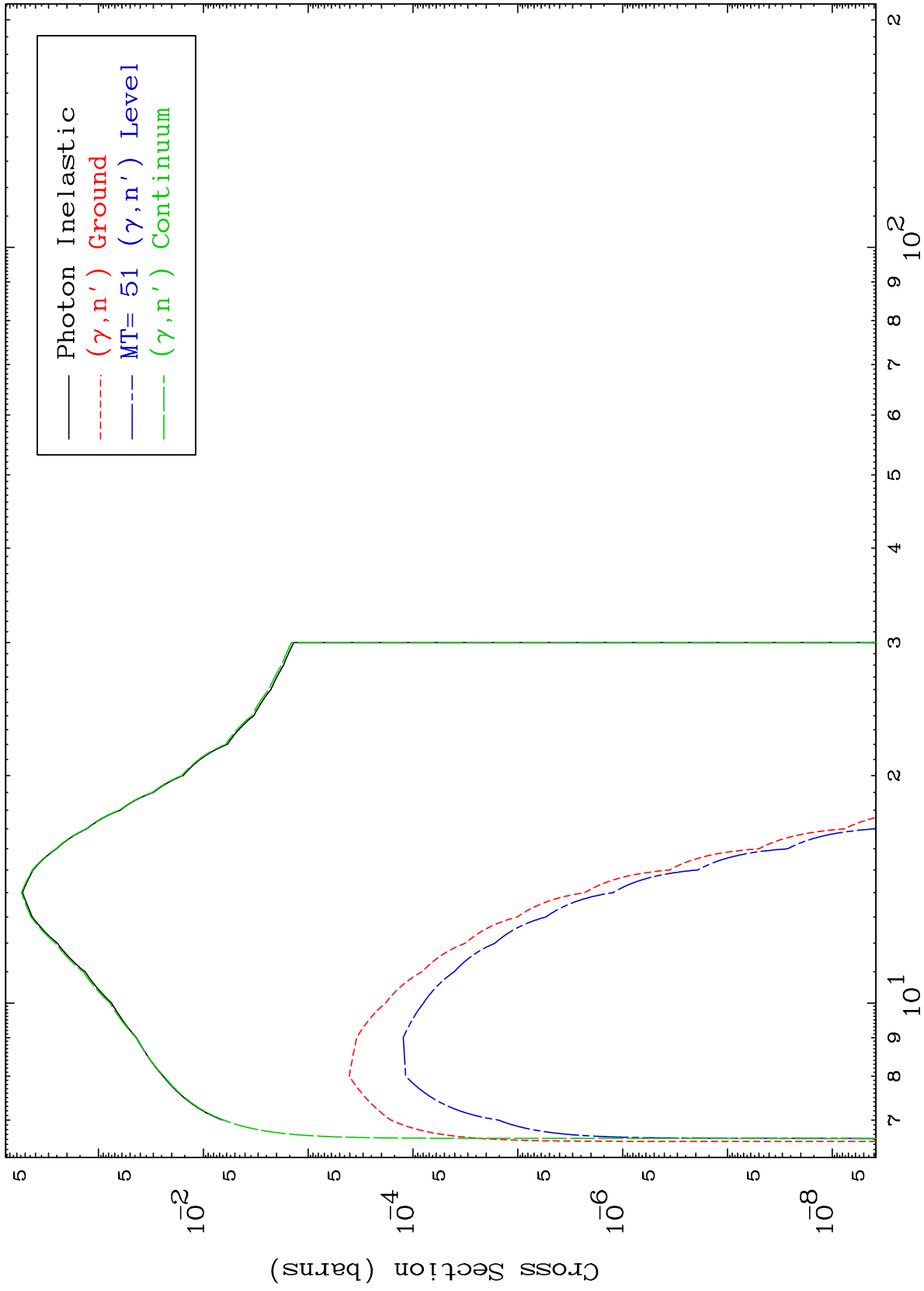




MAT 7923

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

79-Au-196



4

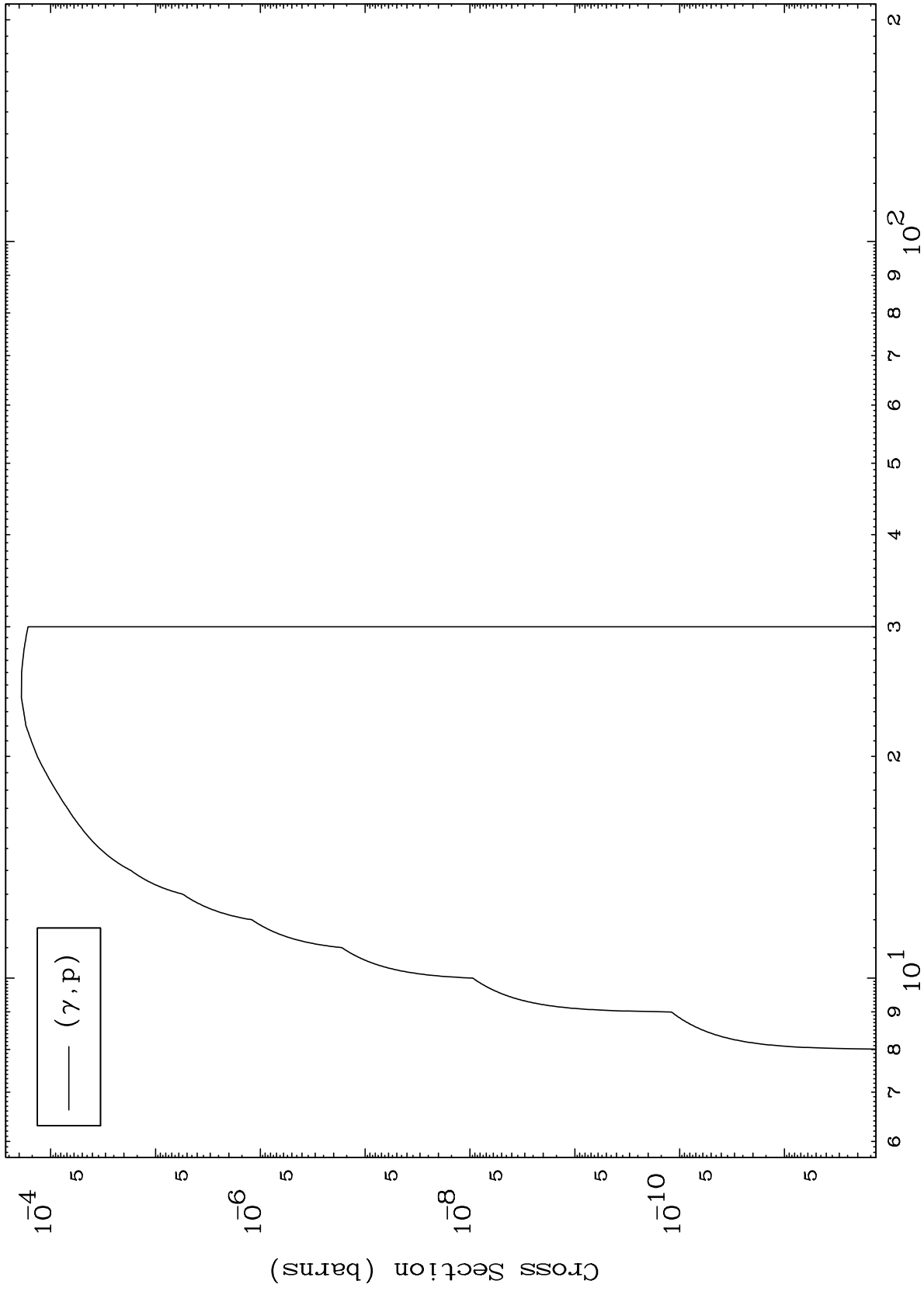
Incident Energy (MeV)

79-Au-196

MAT 7923

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

79-Au-196



5

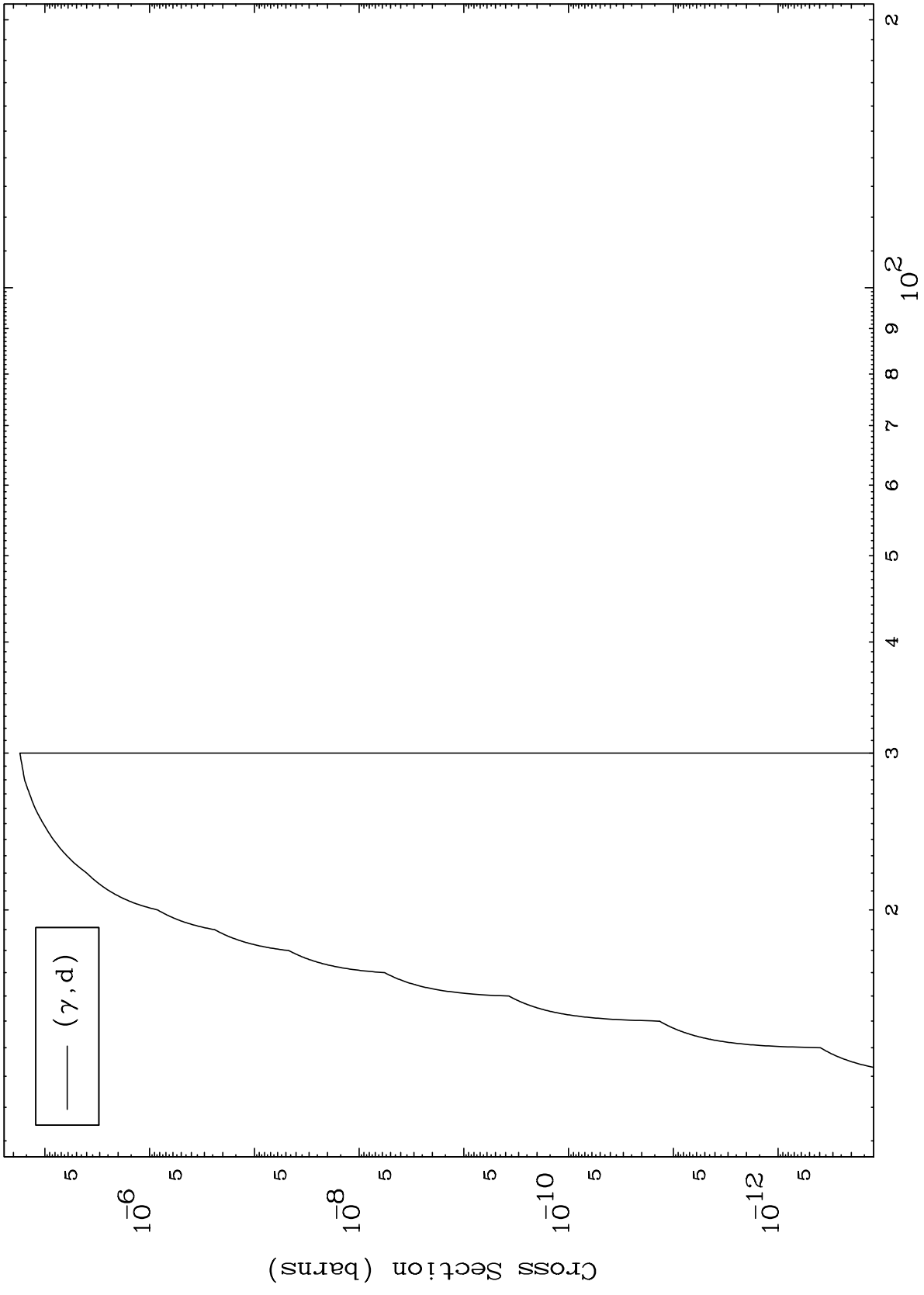
Incident Energy (MeV)

79-Au-196

MAT 7923

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

79-Au-196



6

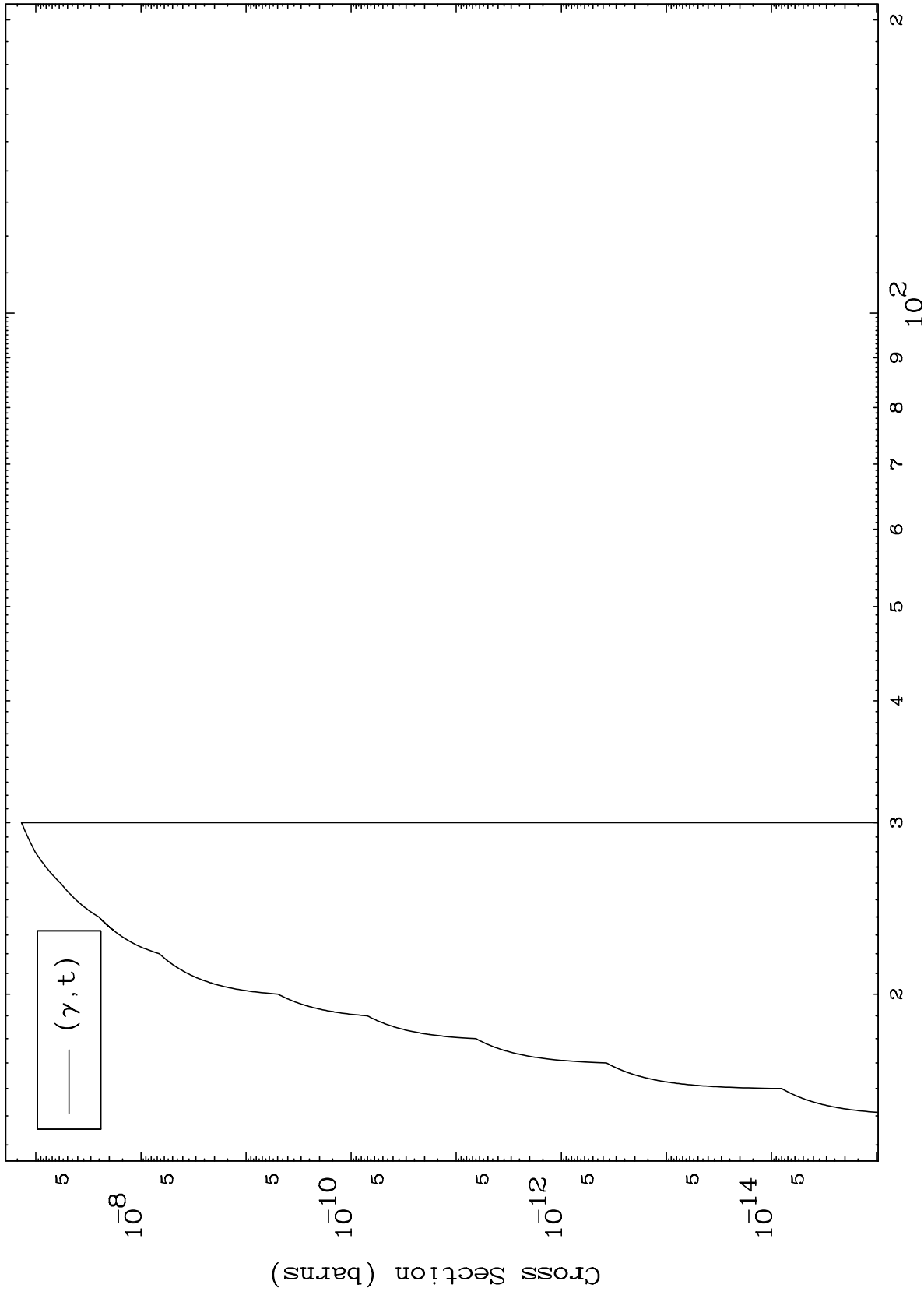
Incident Energy (MeV)

79-Au-196

MAT 7923

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

79-Au-196



7

Incident Energy (MeV)

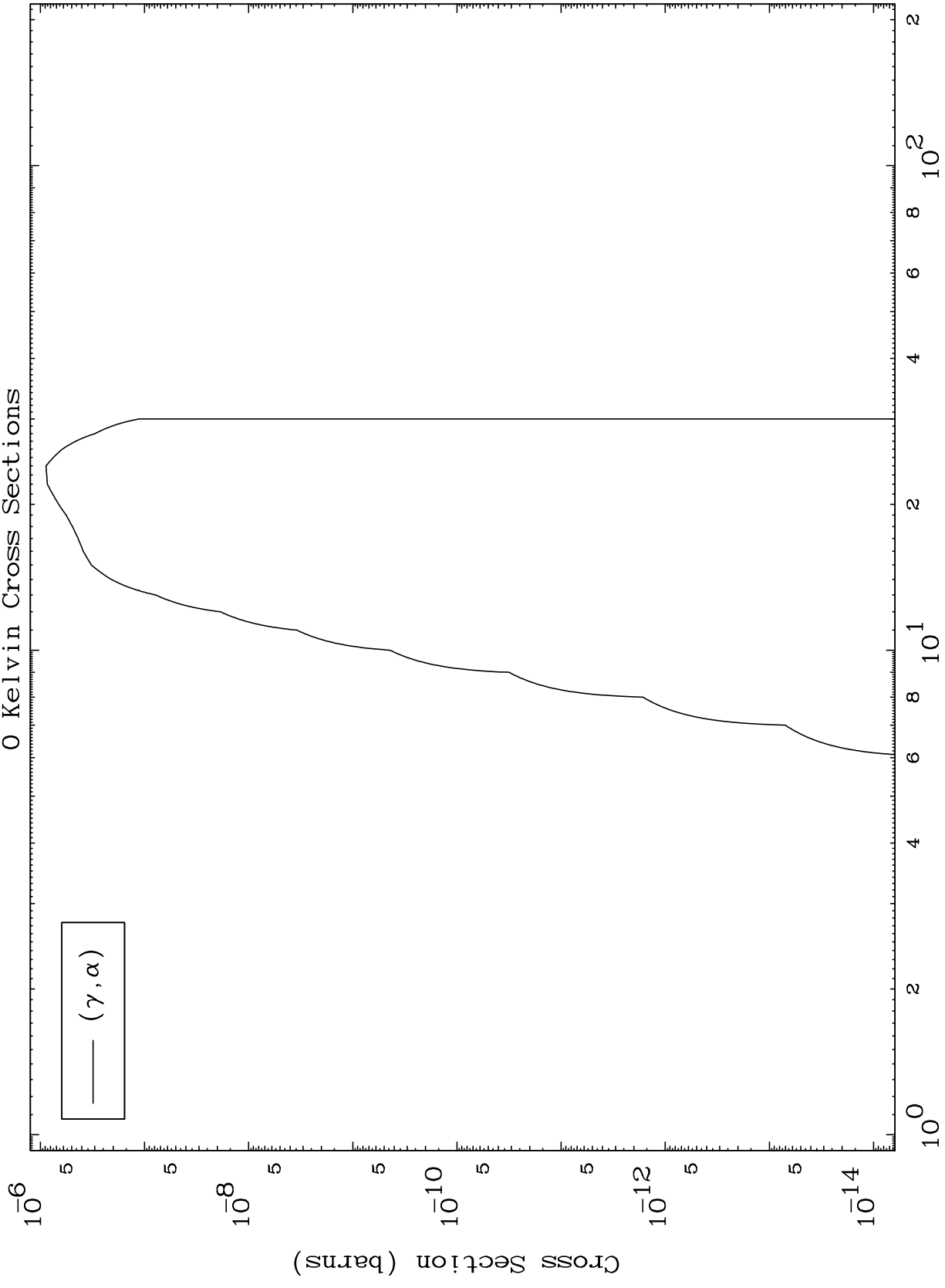
79-Au-196



MAT 7923

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

79-Au-196



( $\gamma, \alpha$ )

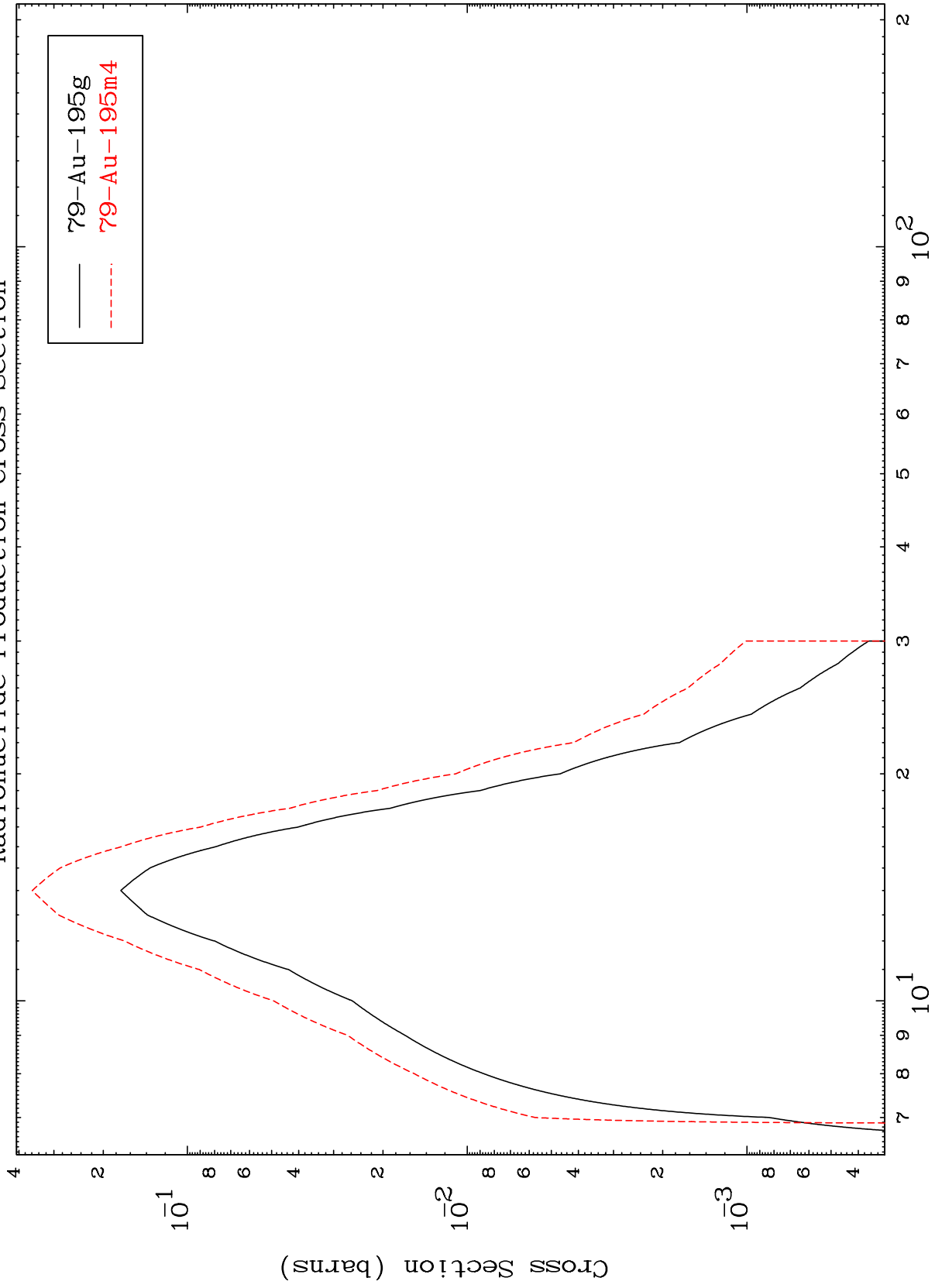
Incident Energy (MeV)

79-Au-196

MAT 7923

Photon Inelastic  
Radionuclide Production Cross Section

<sup>79</sup>Au-196



9

Incident Energy (MeV)

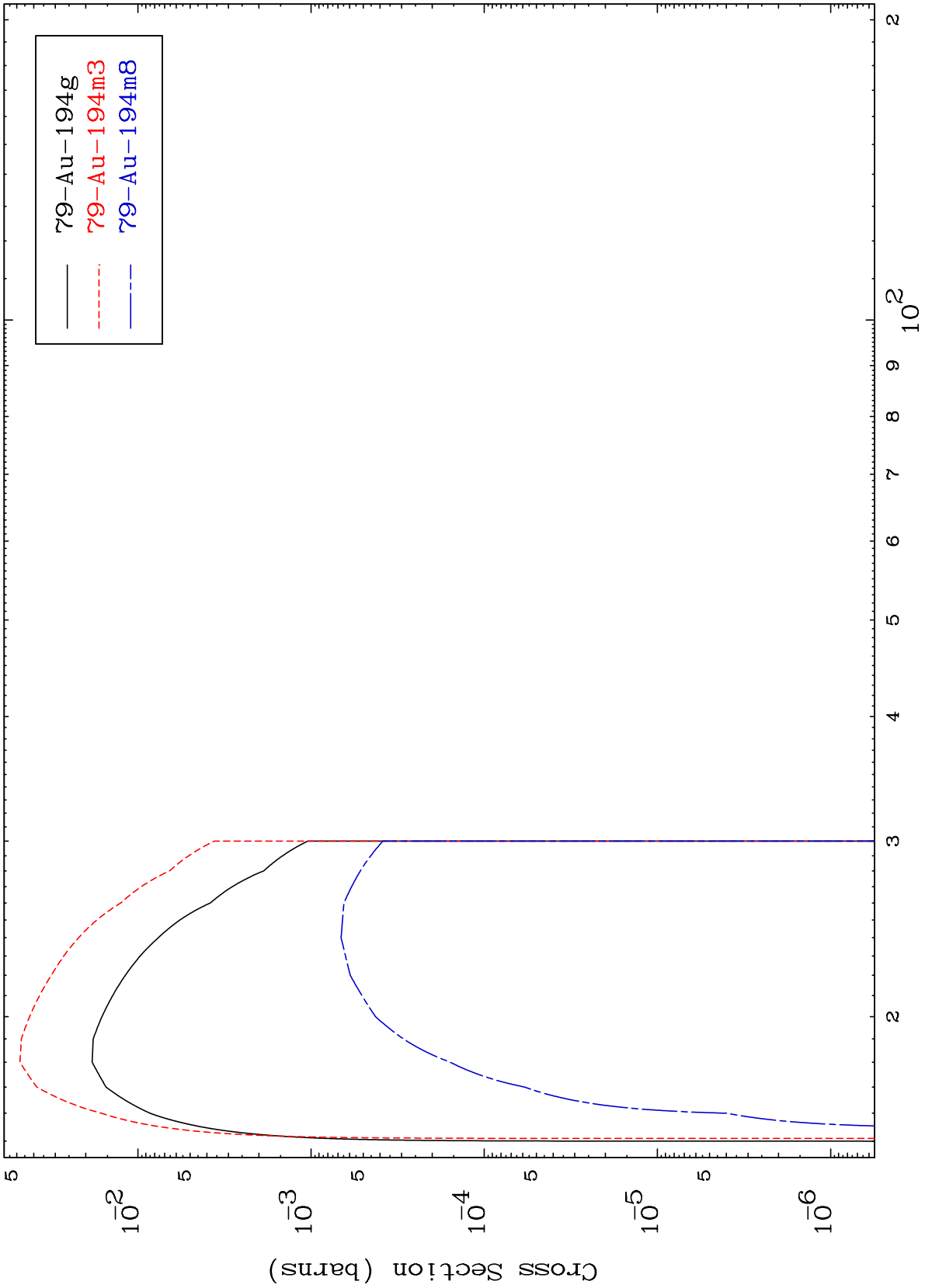
<sup>79</sup>Au-196

MAT 7923

( $\gamma, 2n$ )

<sup>79</sup>Au-196

Radionuclide Production Cross Section



10

Incident Energy (MeV)

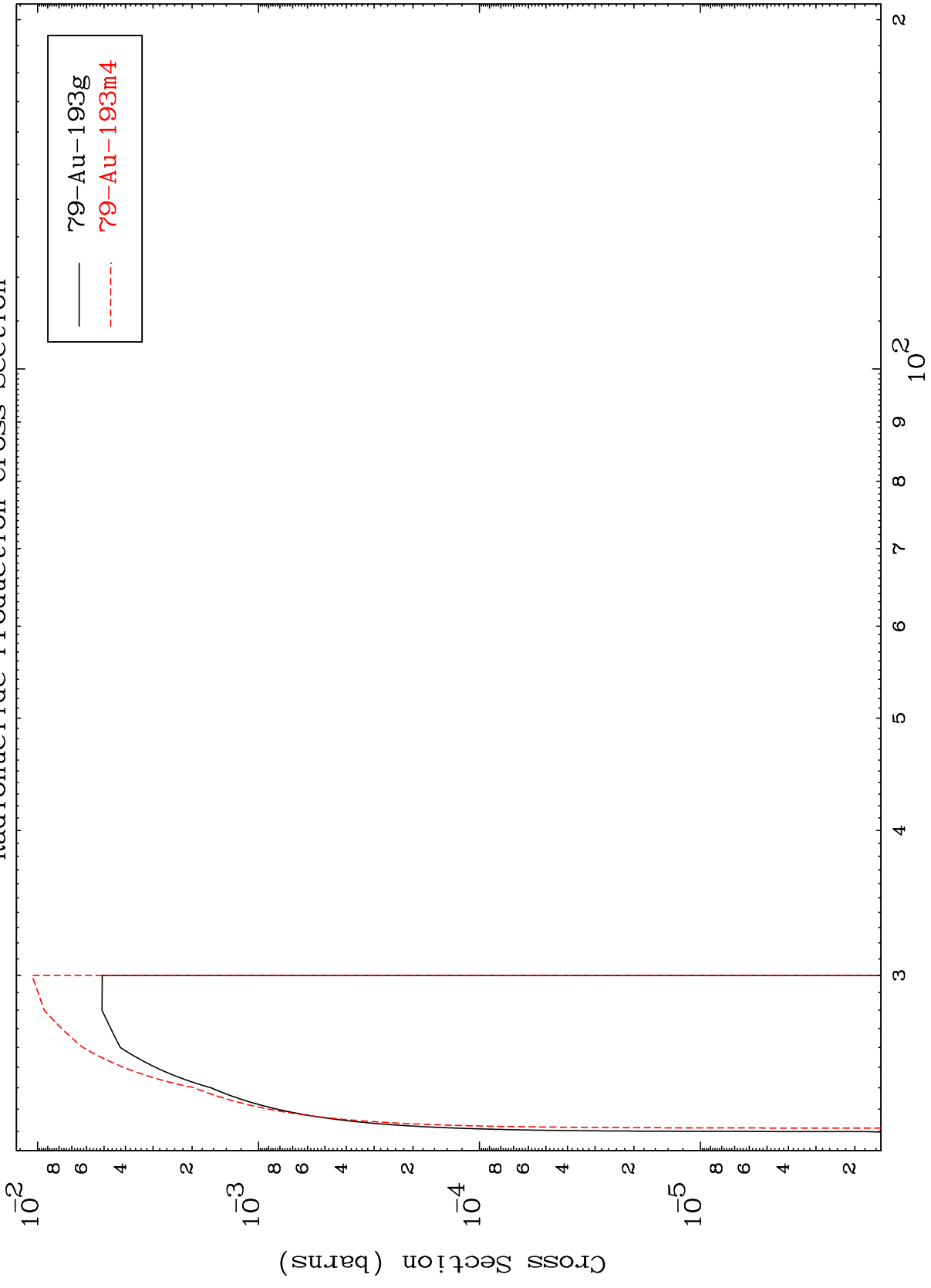
<sup>79</sup>Au-196

MAT 7923

( $\gamma, 3n$ )

<sup>79</sup>Au-196

Radionuclide Production Cross Section



11

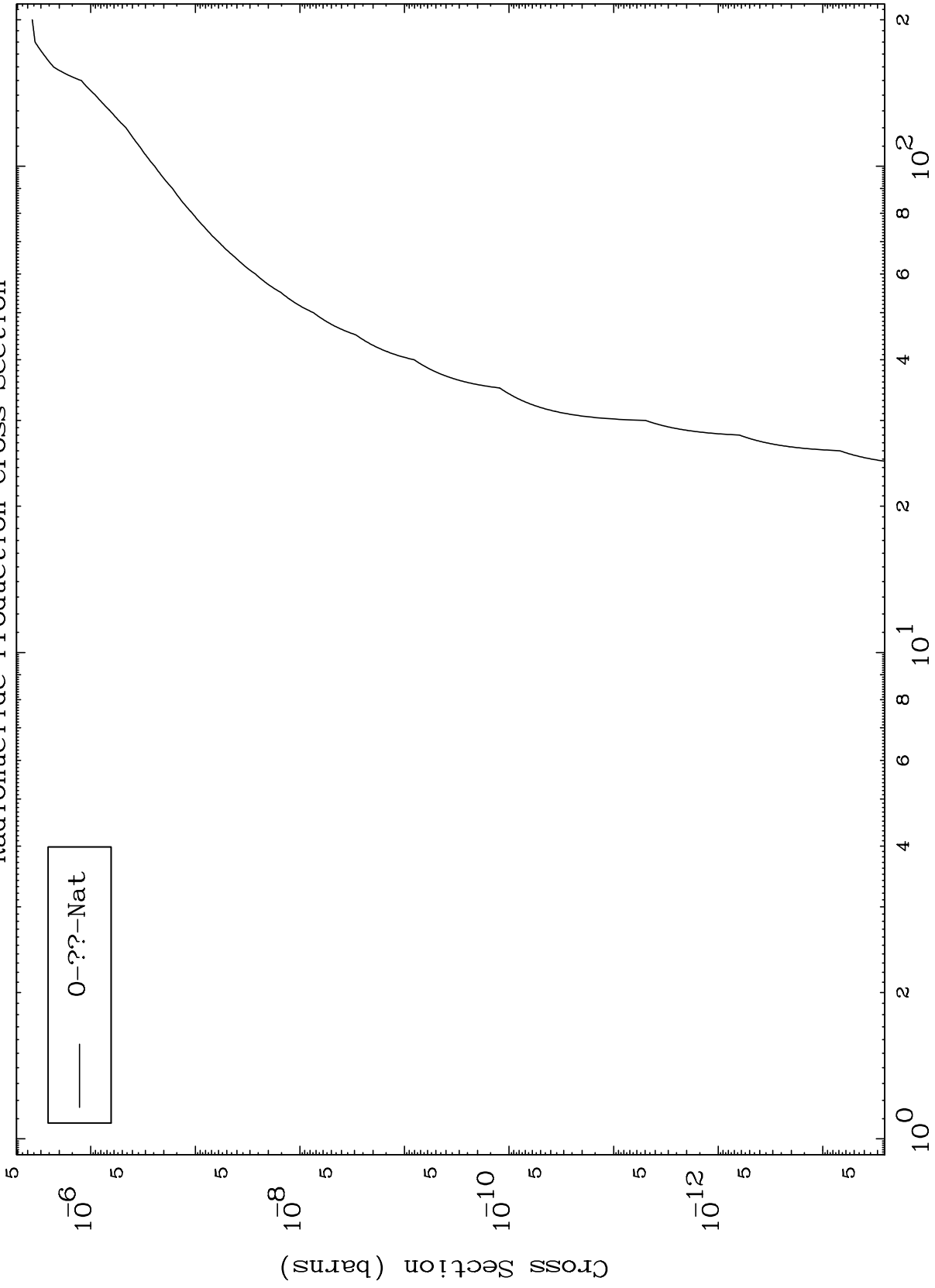
Incident Energy (MeV)

<sup>79</sup>Au-196

MAT 7923

Photon Fission  
Radionuclide Production Cross Section

79-Au-196



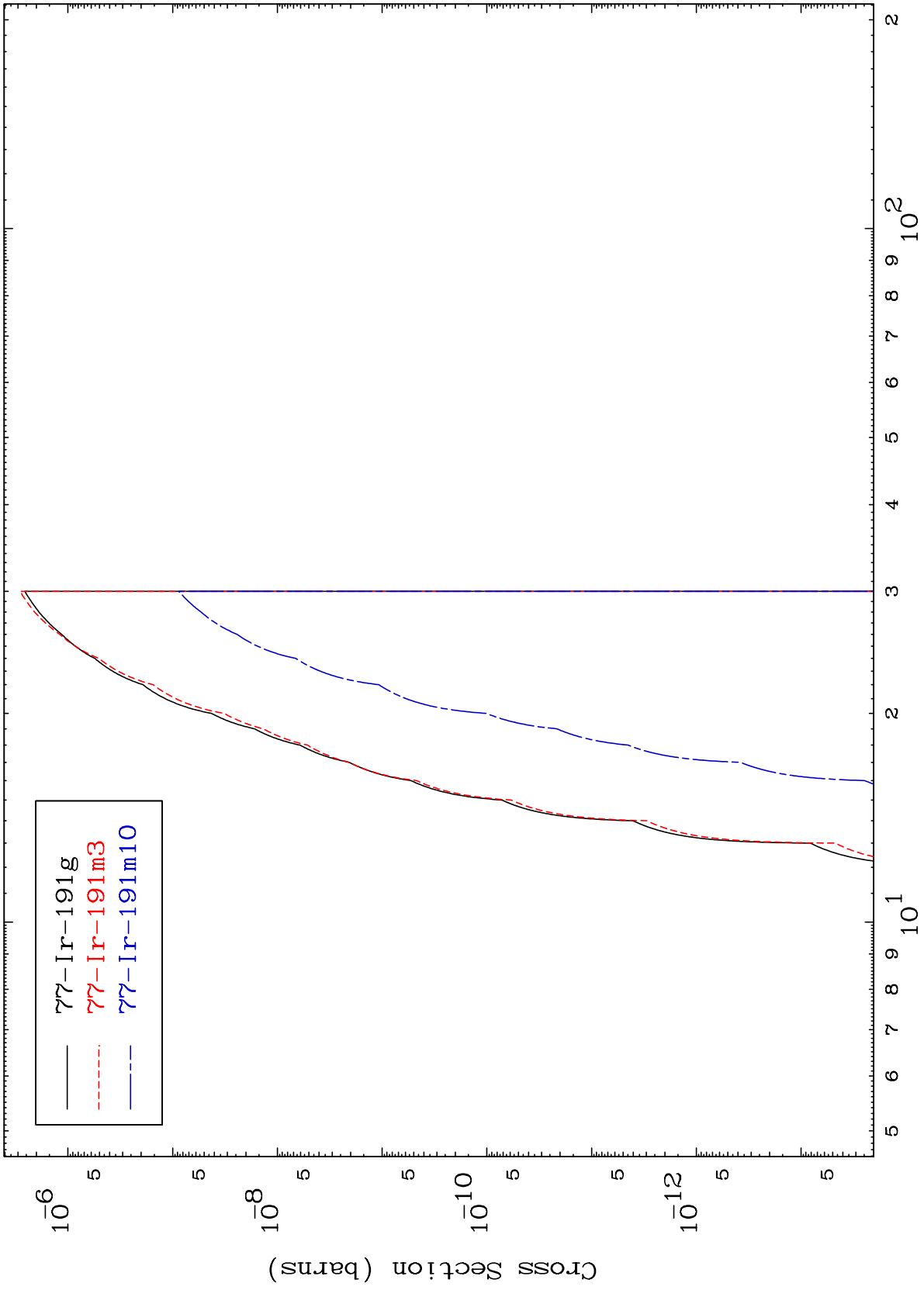
79-Au-196

79-Au-196

MAT 7923

79-Au-196

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



13

Incident Energy (MeV)

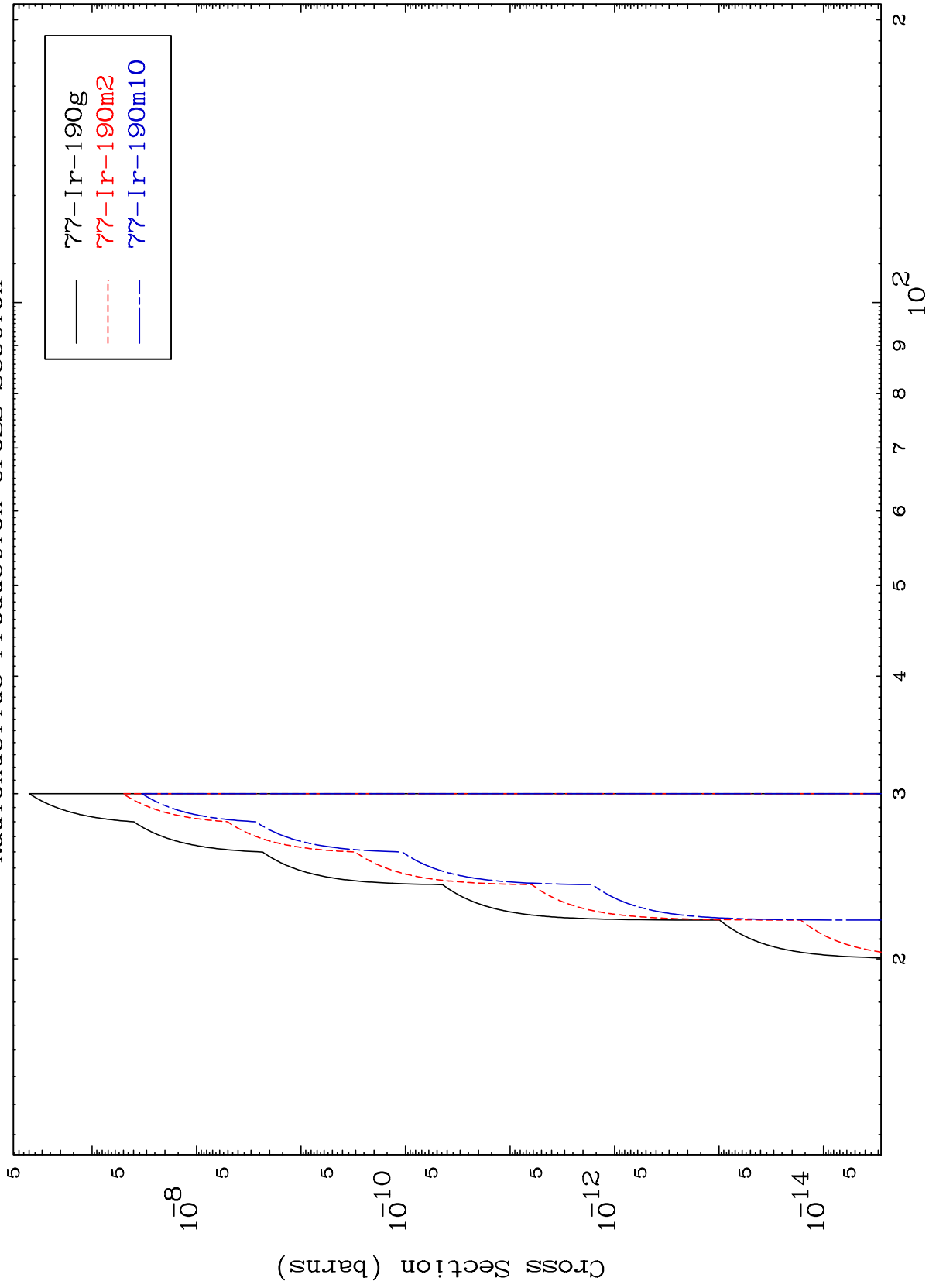
79-Au-196

MAT 7923

$(\gamma, 2n) \alpha$

<sup>79</sup>Au-196

Radionuclide Production Cross Section



14

Incident Energy (MeV)

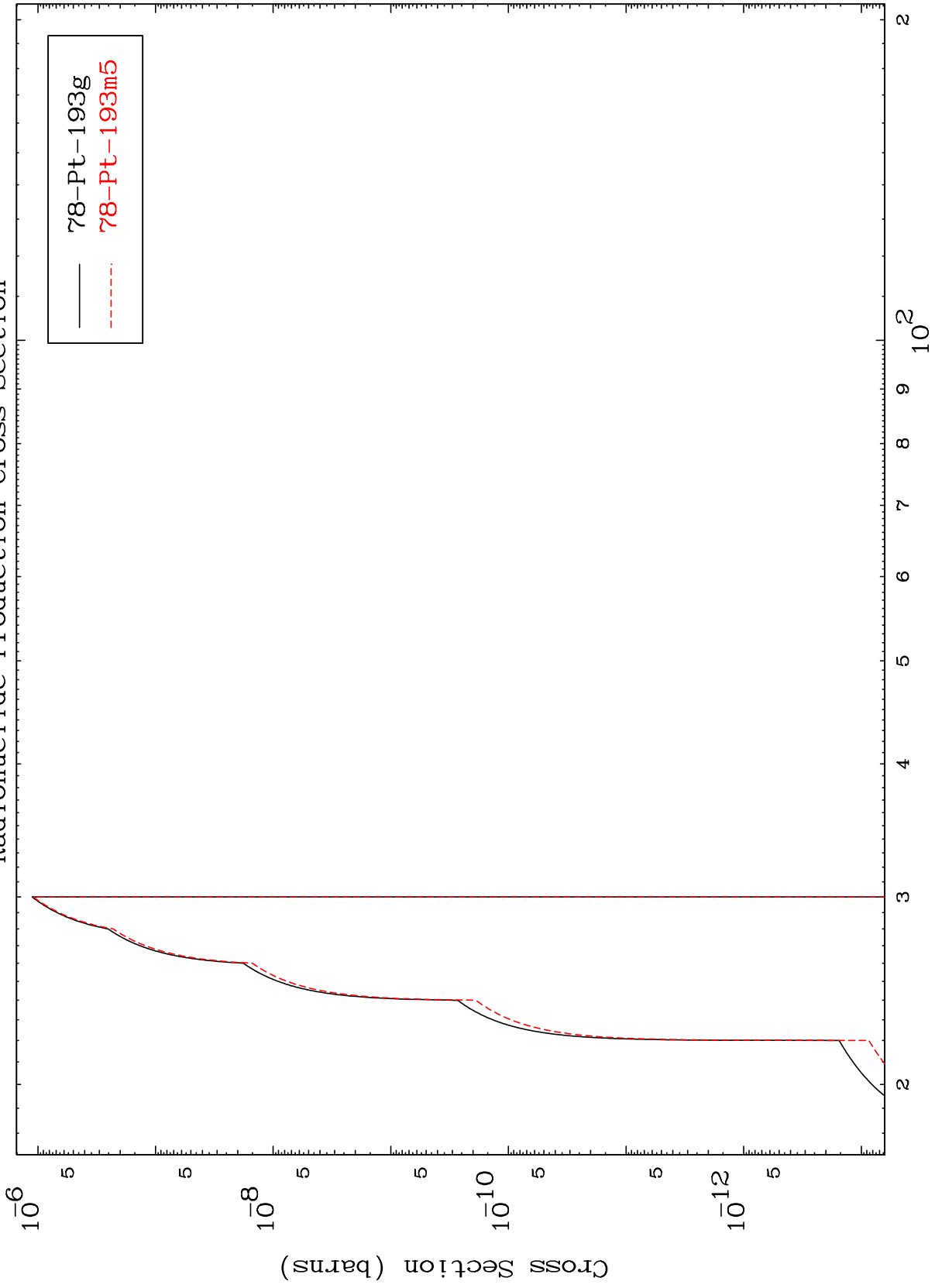
<sup>79</sup>Au-196

MAT 7923

( $\gamma, n'$ ) d

79-Au-196

Radionuclide Production Cross Section



15

Incident Energy (MeV)

79-Au-196

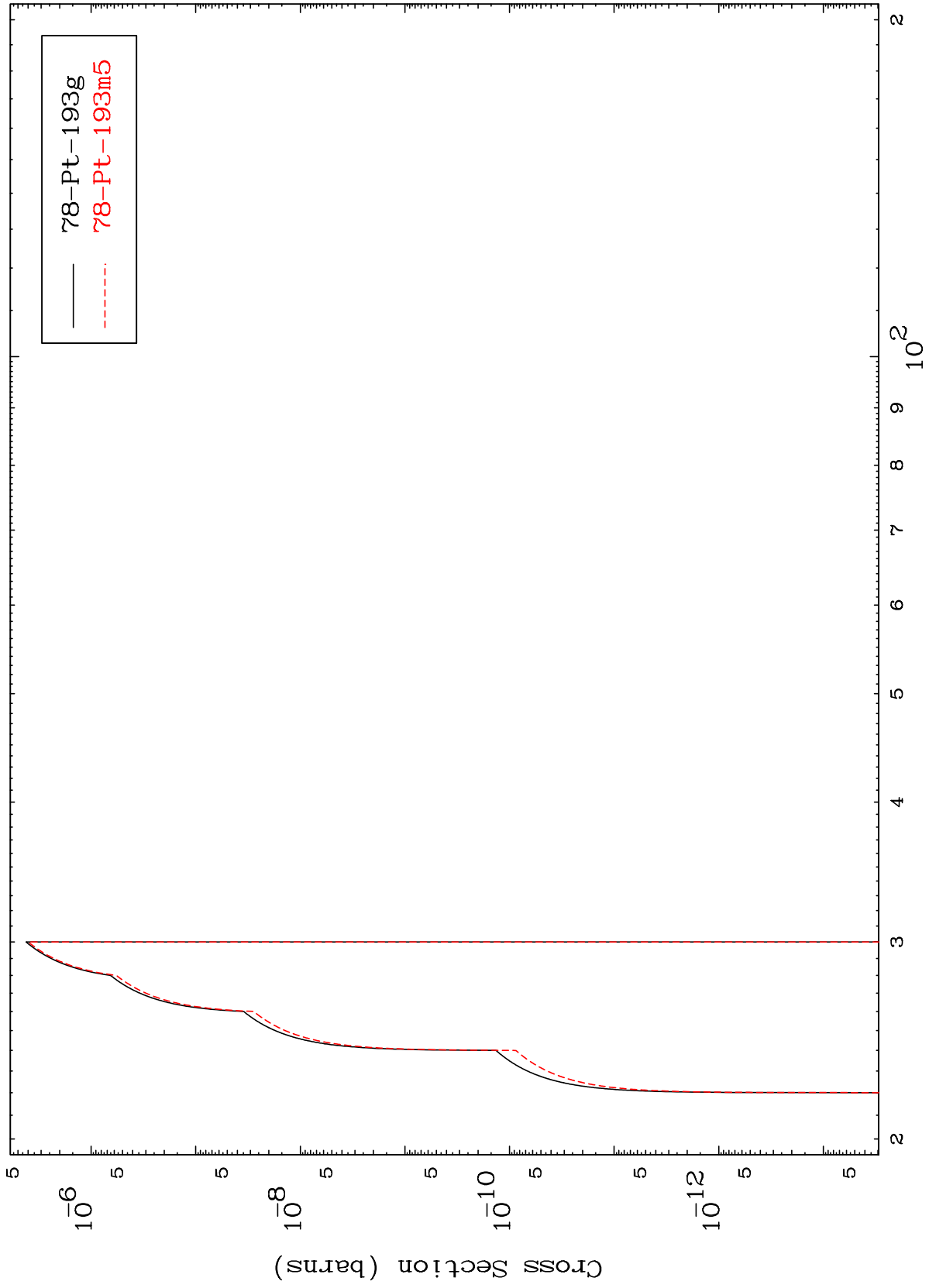


MAT 7923

( $\gamma, 2n$ ) p

79-Au-196

Radionuclide Production Cross Section



16

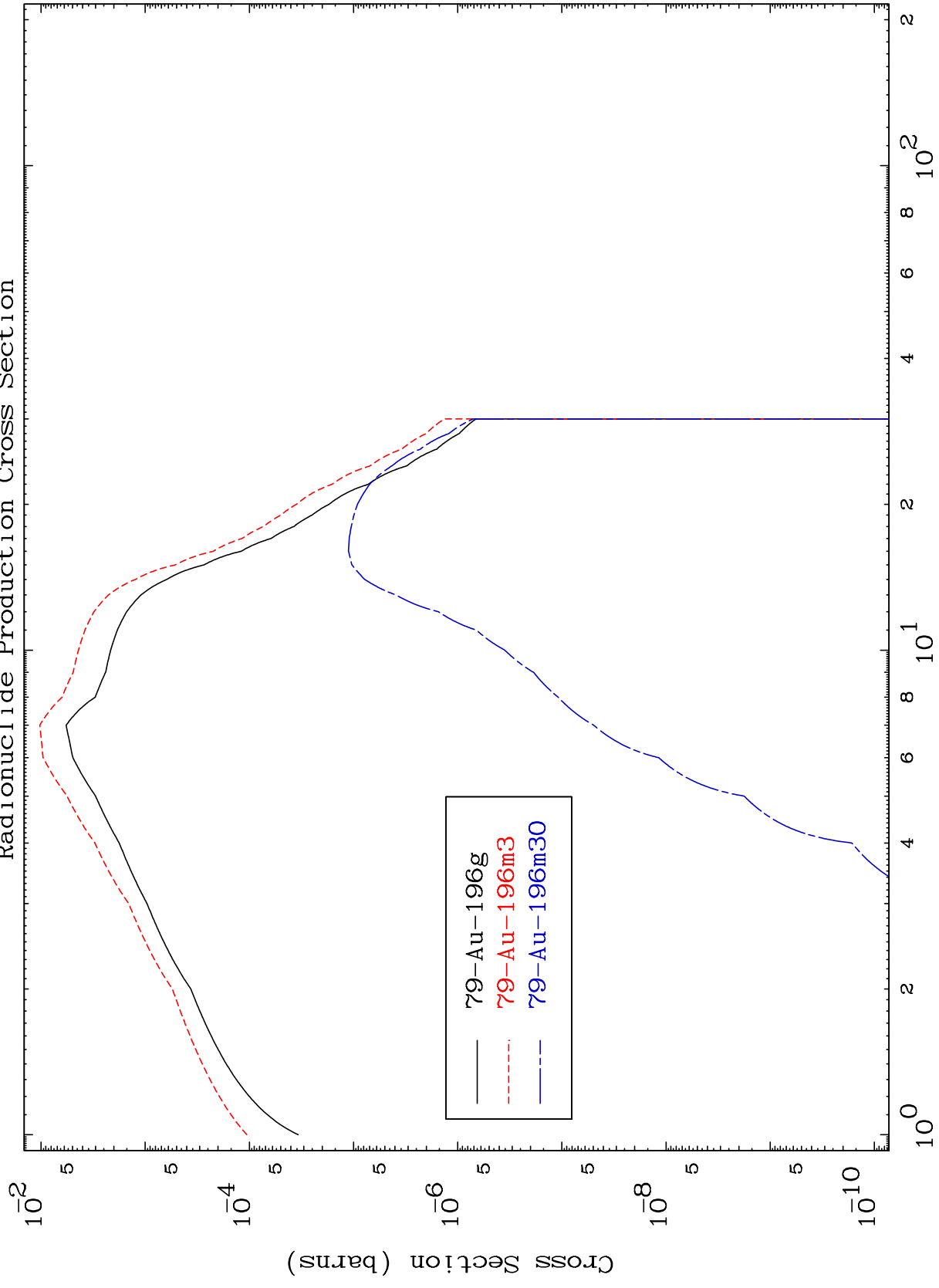
Incident Energy (MeV)

79-Au-196

MAT 7923

<sup>79</sup>Au-196

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



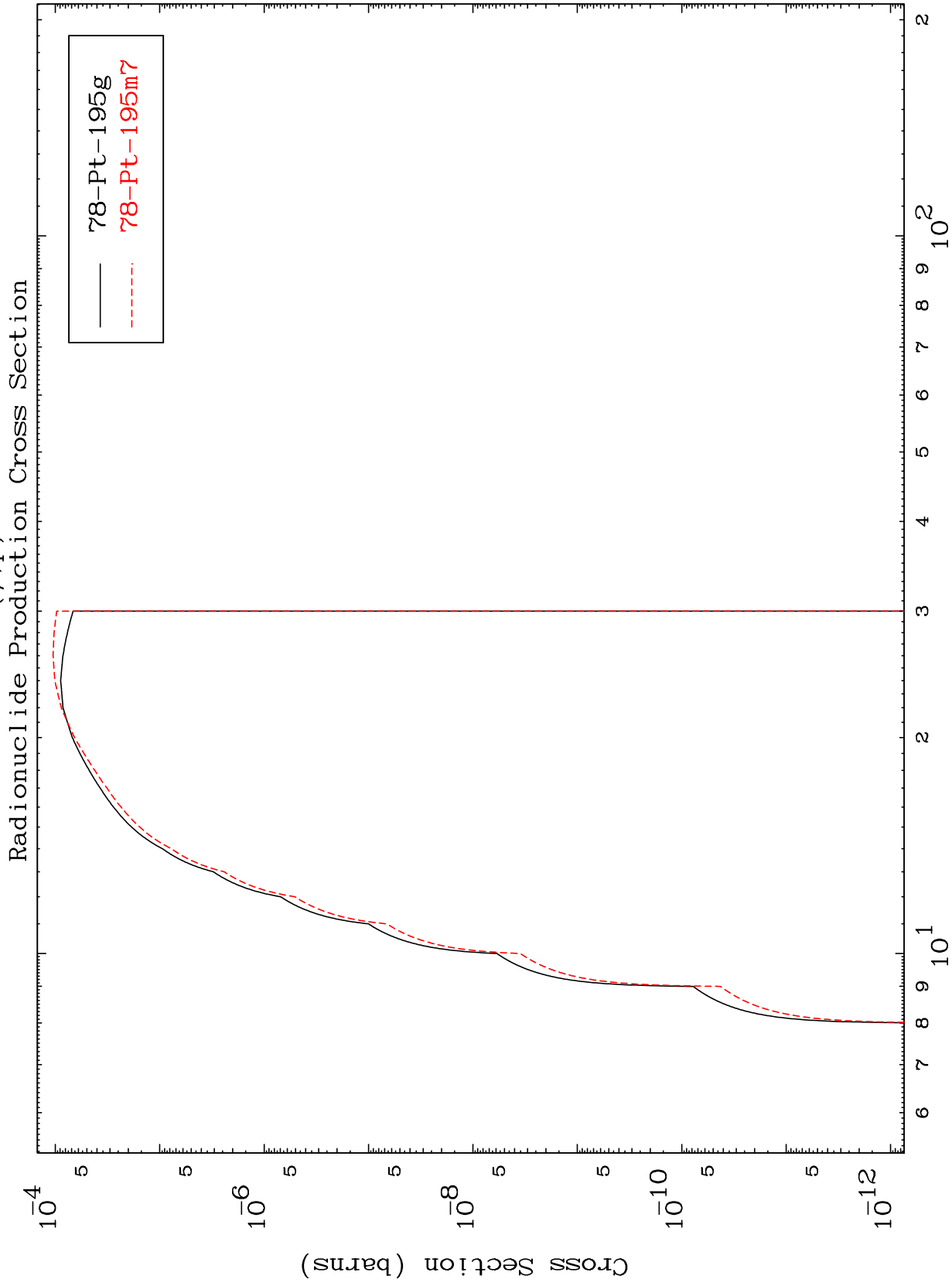
<sup>79</sup>Au-196

Incident Energy (MeV)

17

MAT 7923

79-Au-196



18

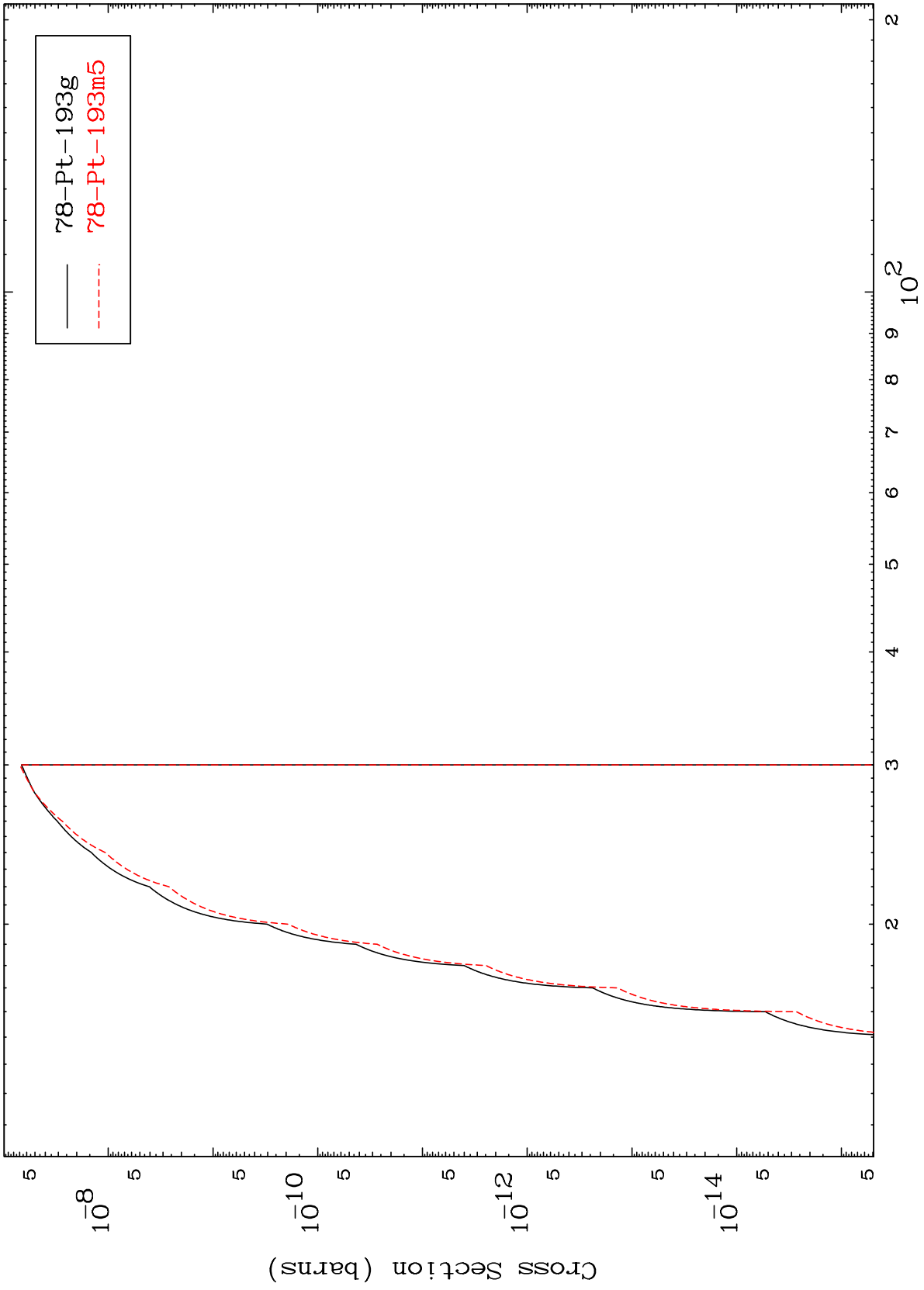
79-Au-196

MAT 7923

( $\gamma, t$ )

79-Au-196

Radionuclide Production Cross Section



19

Incident Energy (MeV)

79-Au-196

MAT 7923

79-Au-196

