

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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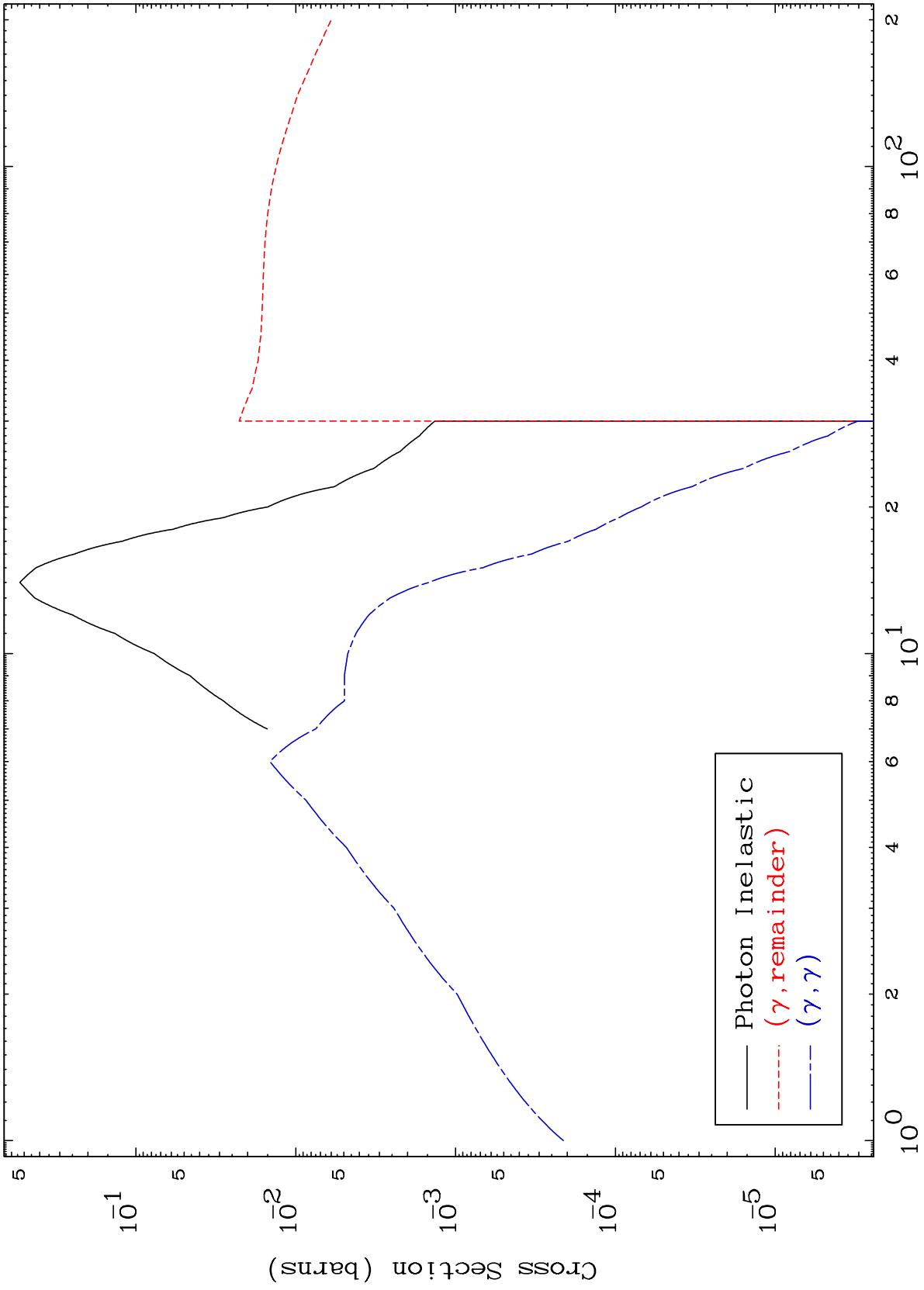
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

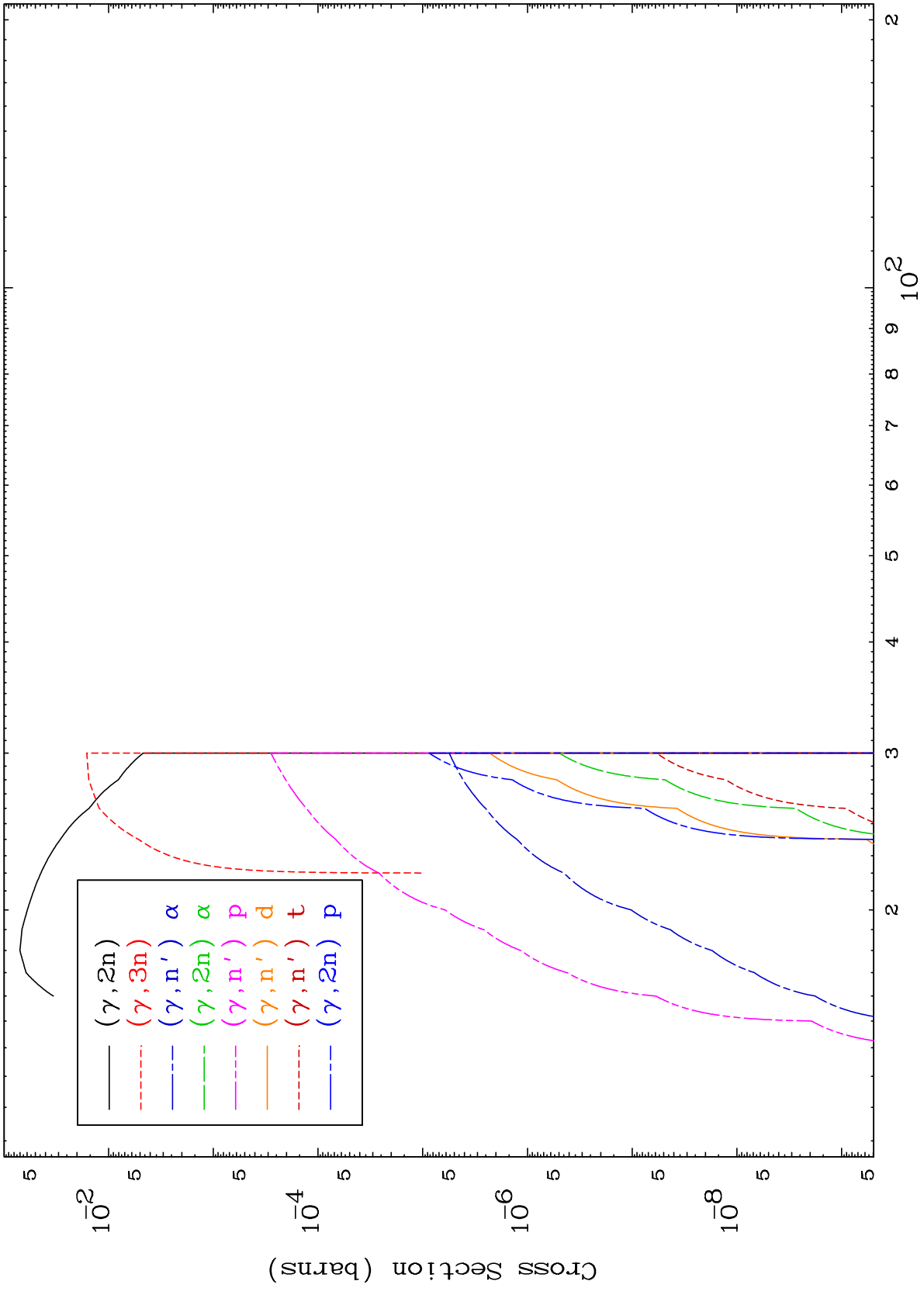
MAT 7922

Photon Major  
0 Kelvin Cross Sections

79-Au-196



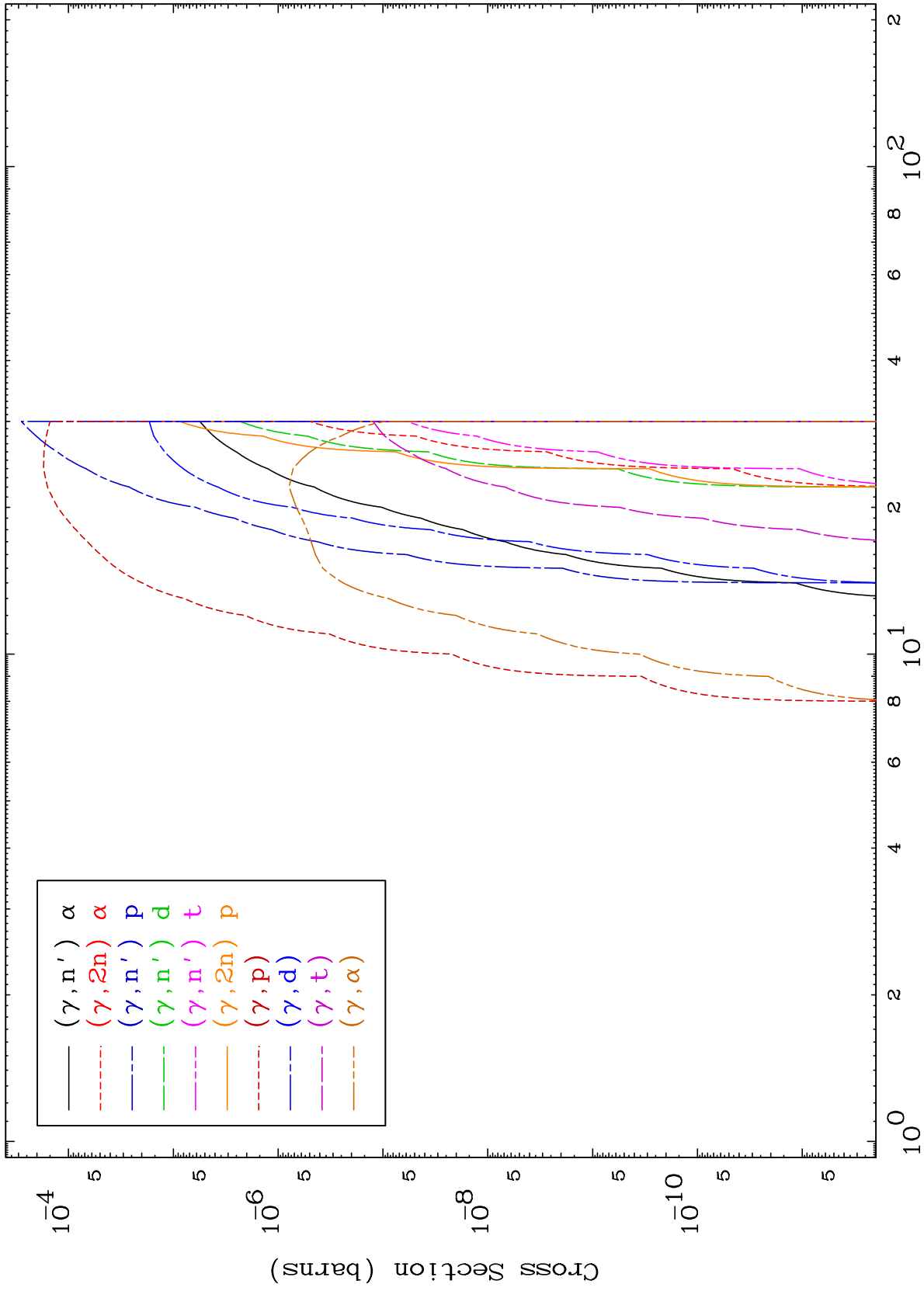
79-Au-196



MAT 7922

Photon Charged Particle  
0 Kelvin Cross Sections

79-Au-196



Incident Energy (MeV)

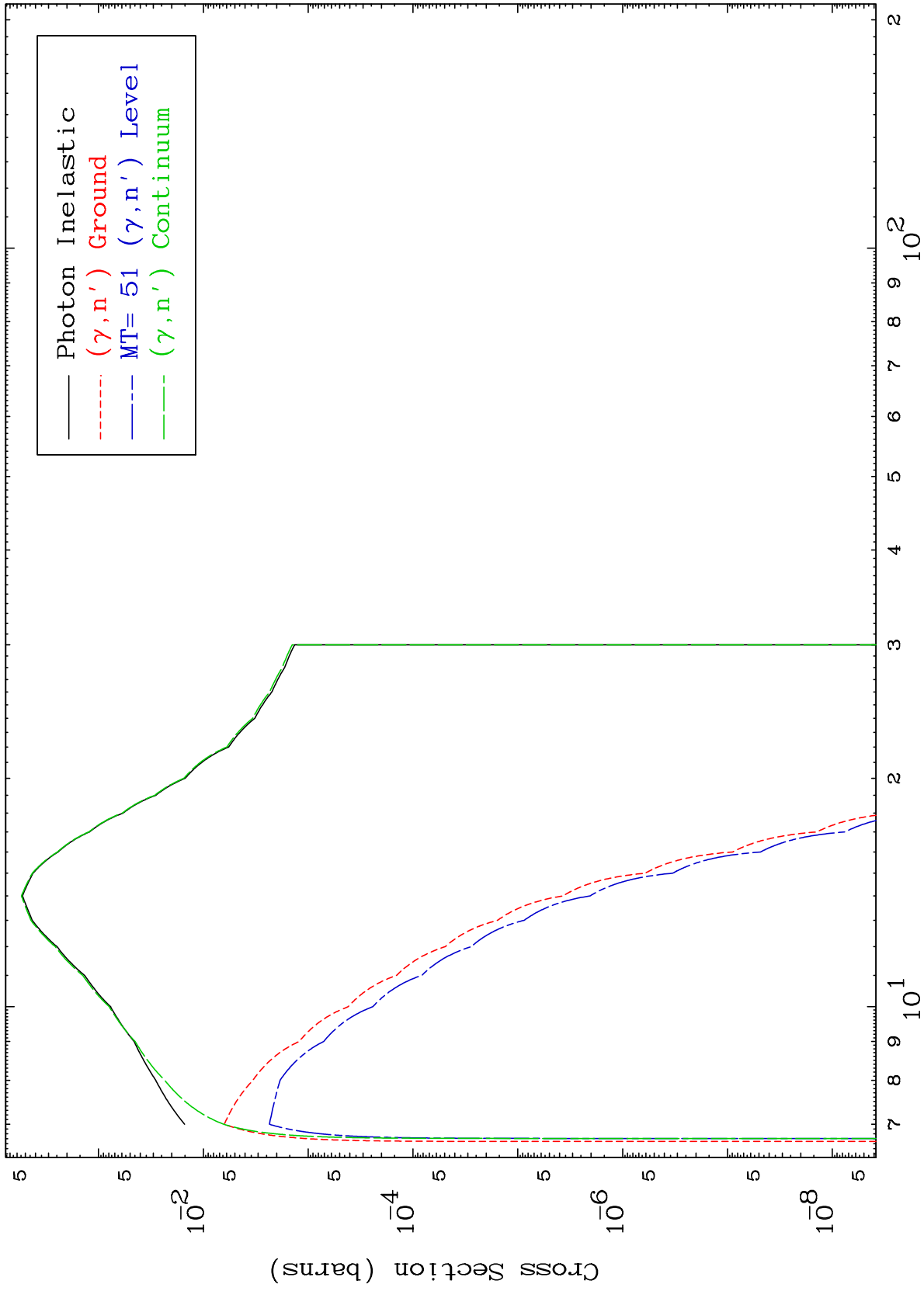
79-Au-196

3

MAT 7922

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

79-Au-196



4

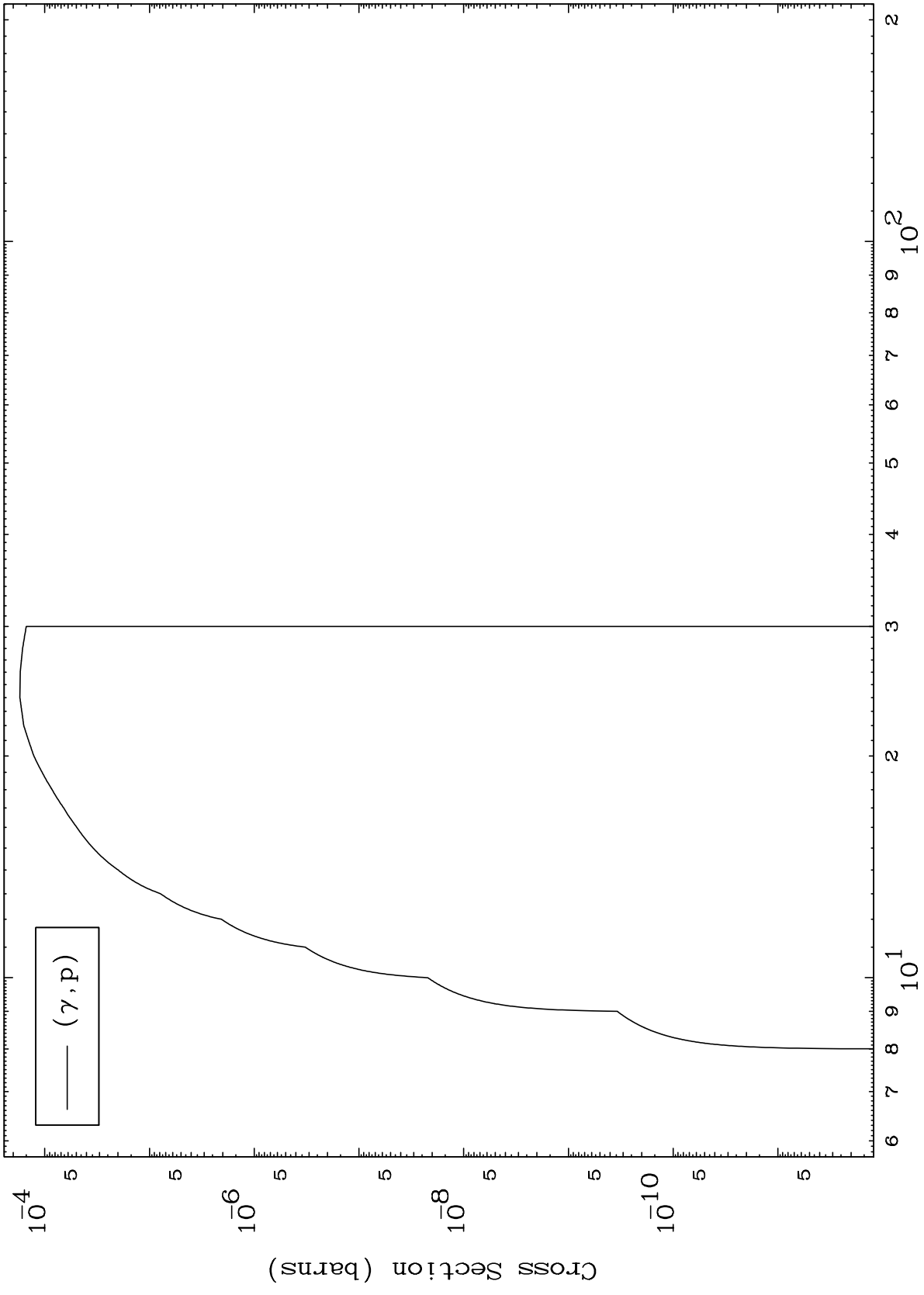
Incident Energy (MeV)

79-Au-196

MAT 7922

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

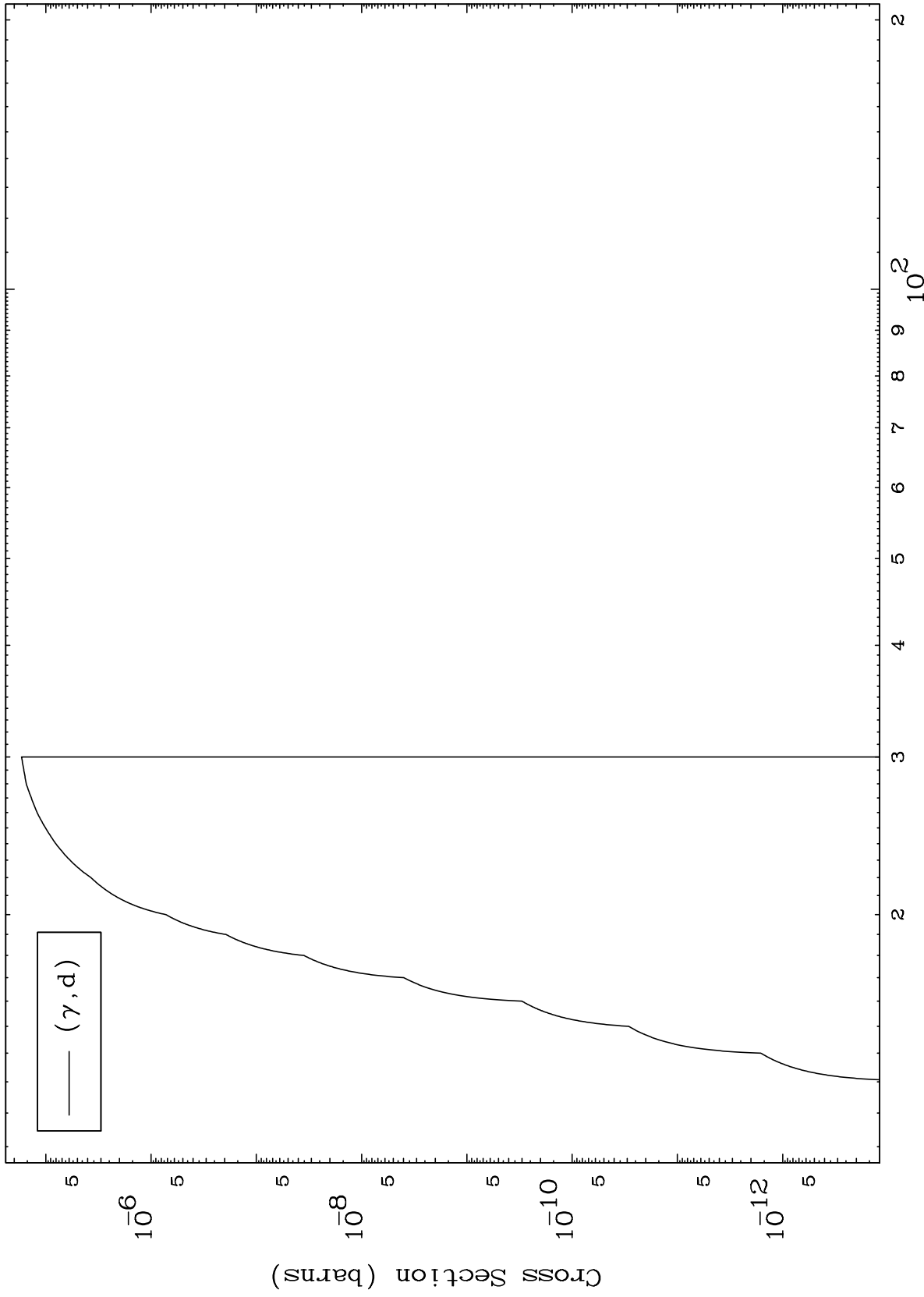
79-Au-196



5

Incident Energy (MeV)

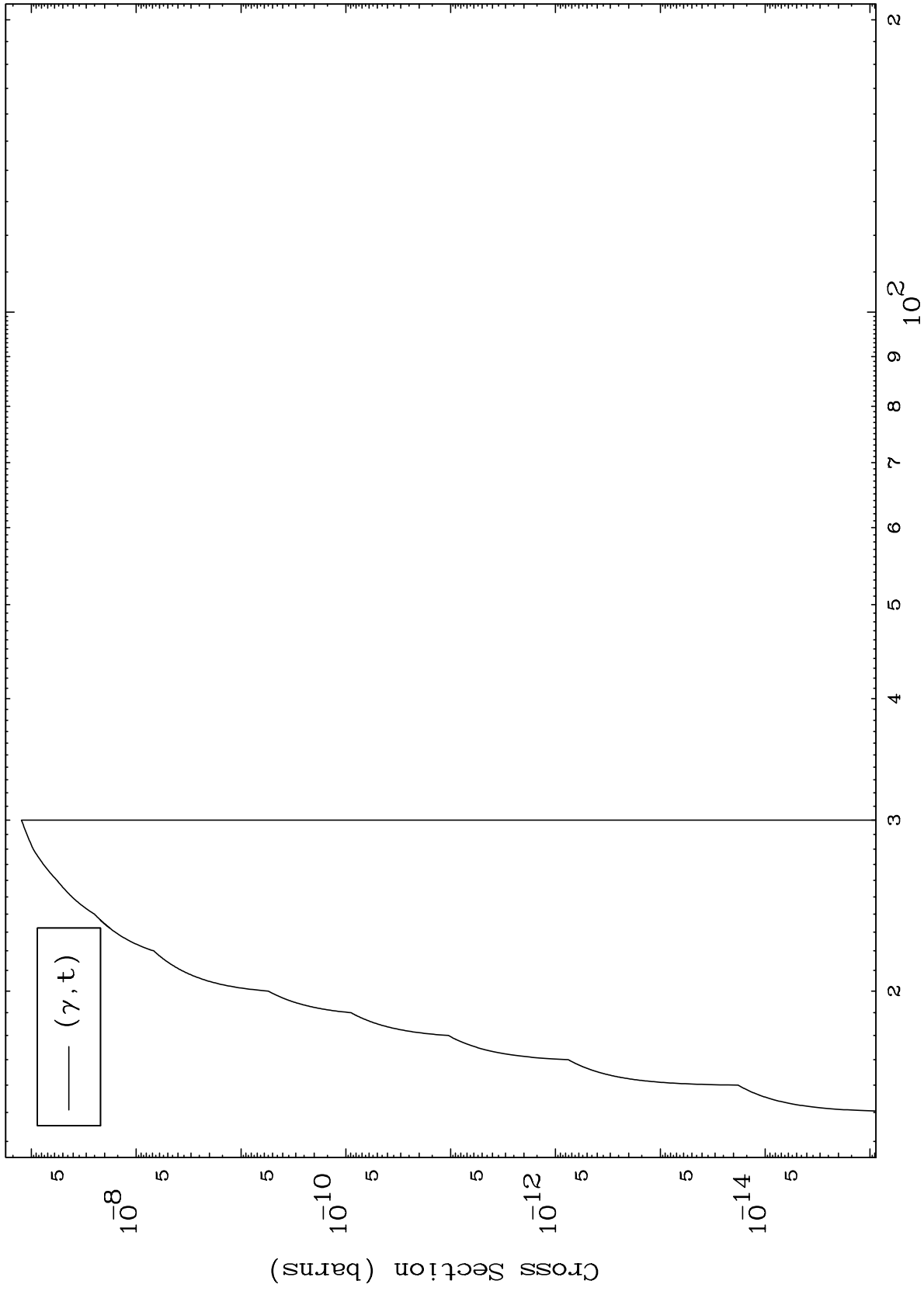
79-Au-196



MAT 7922

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

79-Au-196



7

Incident Energy (MeV)

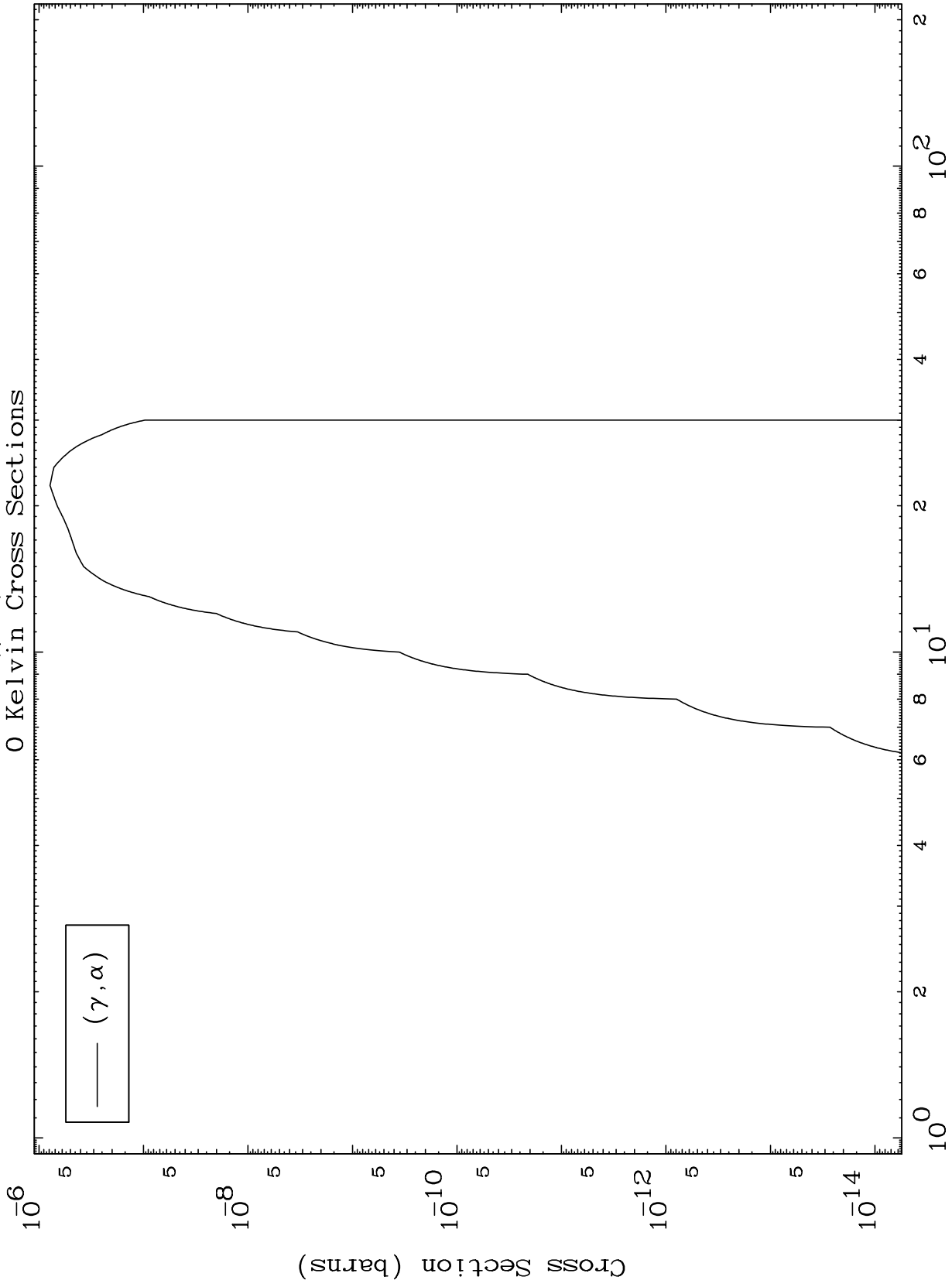
79-Au-196



MAT 7922

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

79-Au-196



( $\gamma, \alpha$ )

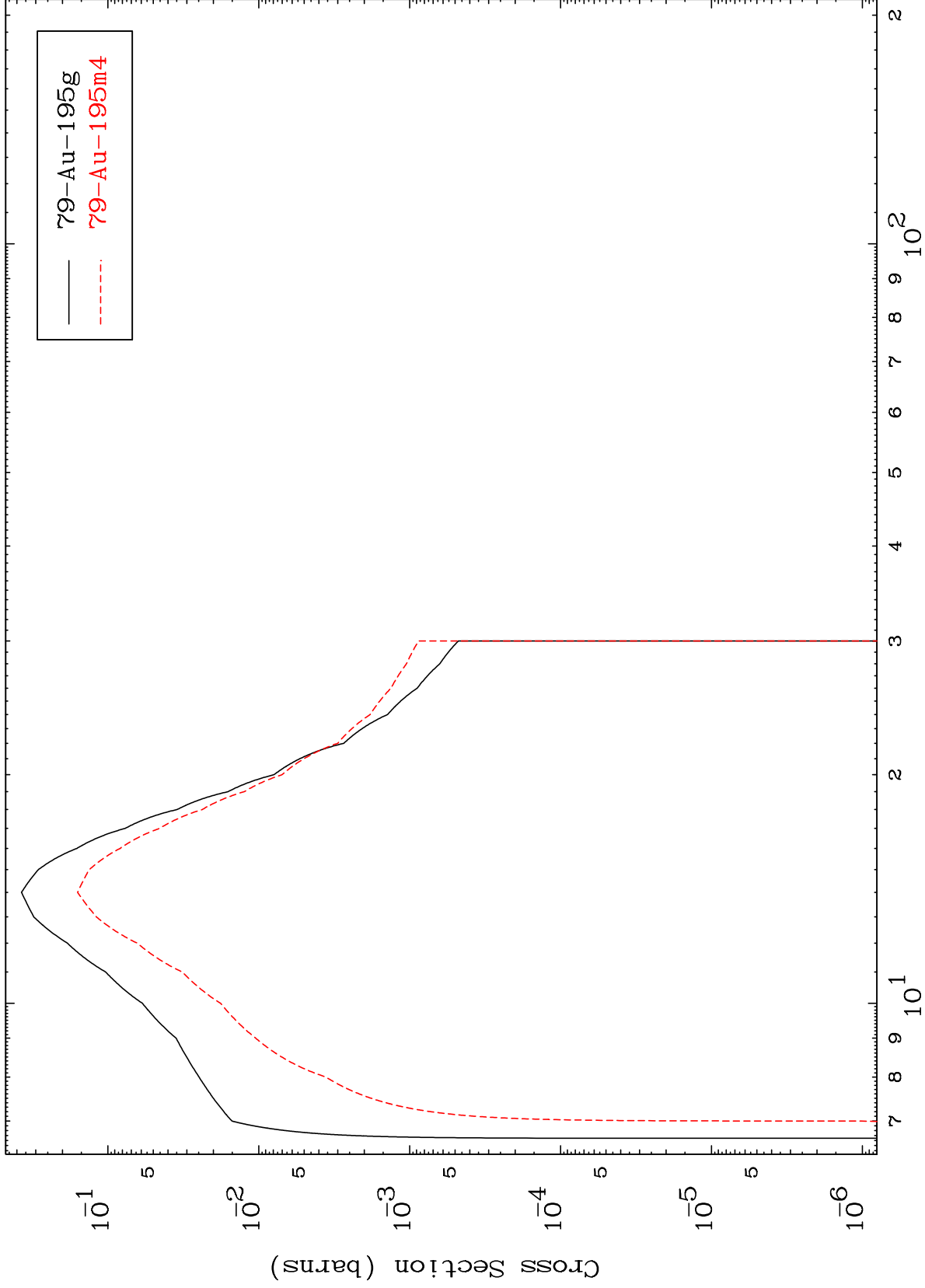
Incident Energy (MeV)

79-Au-196

MAT 7922

Photon Inelastic  
Radionuclide Production Cross Section

<sup>79</sup>Au-196



79-Au-195g  
79-Au-195m4

9

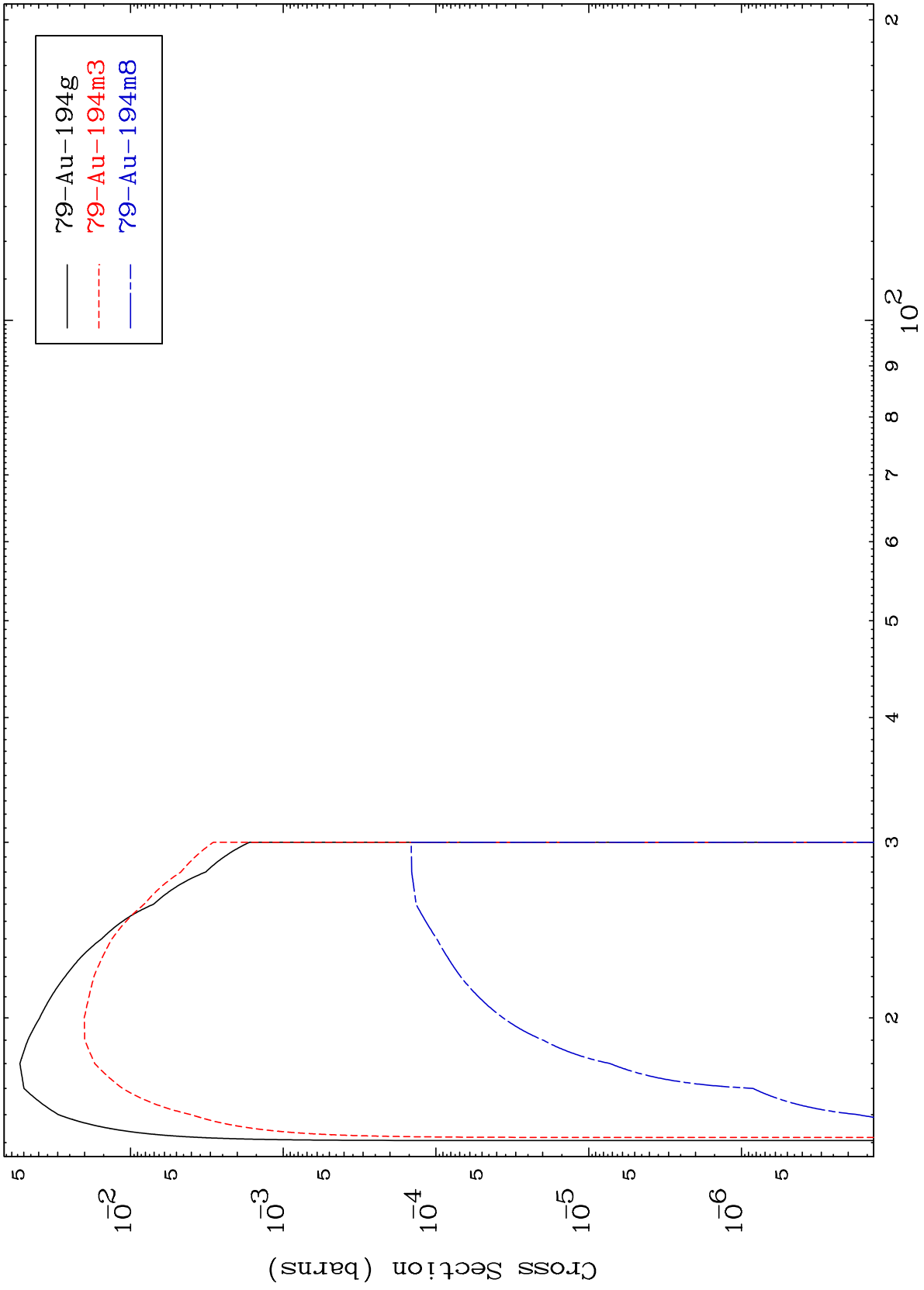
Incident Energy (MeV)

<sup>79</sup>Au-196

MAT 7922

79-Au-196

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



10

Incident Energy (MeV)

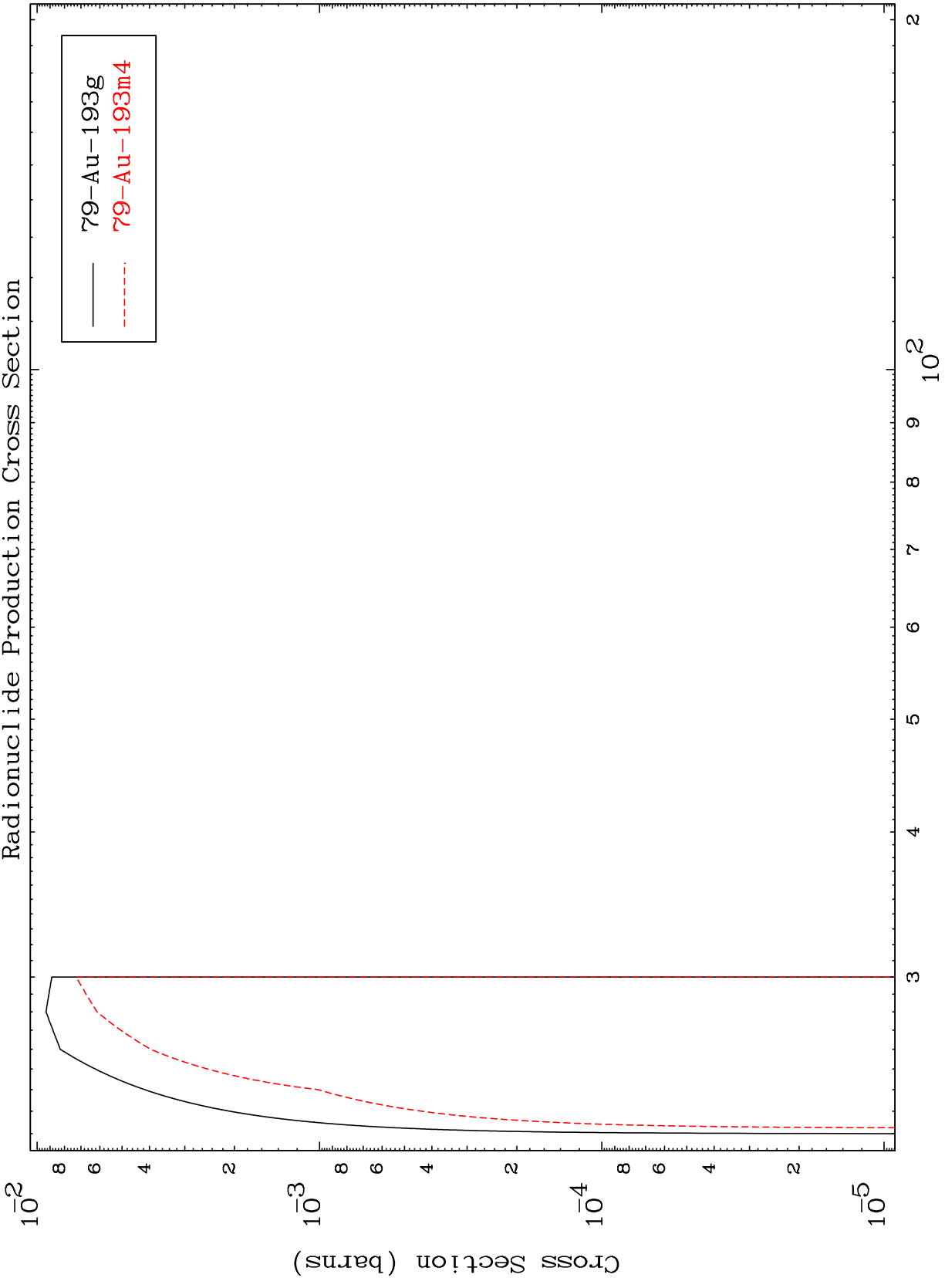
79-Au-196

MAT 7922

( $\gamma, 3n$ )

<sup>79</sup>Au-196

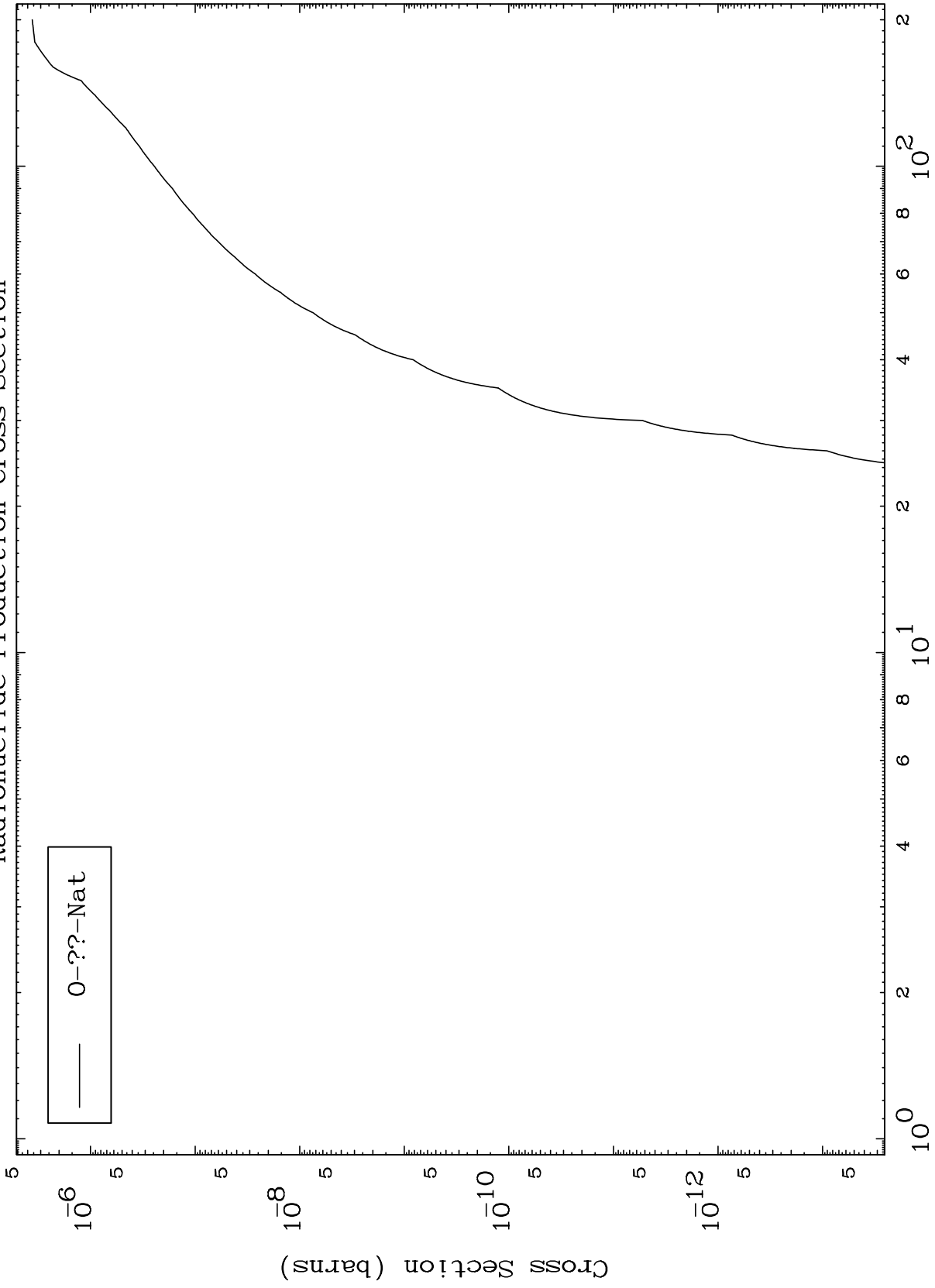
Radionuclide Production Cross Section



MAT 7922

Photon Fission  
Radionuclide Production Cross Section

79-Au-196



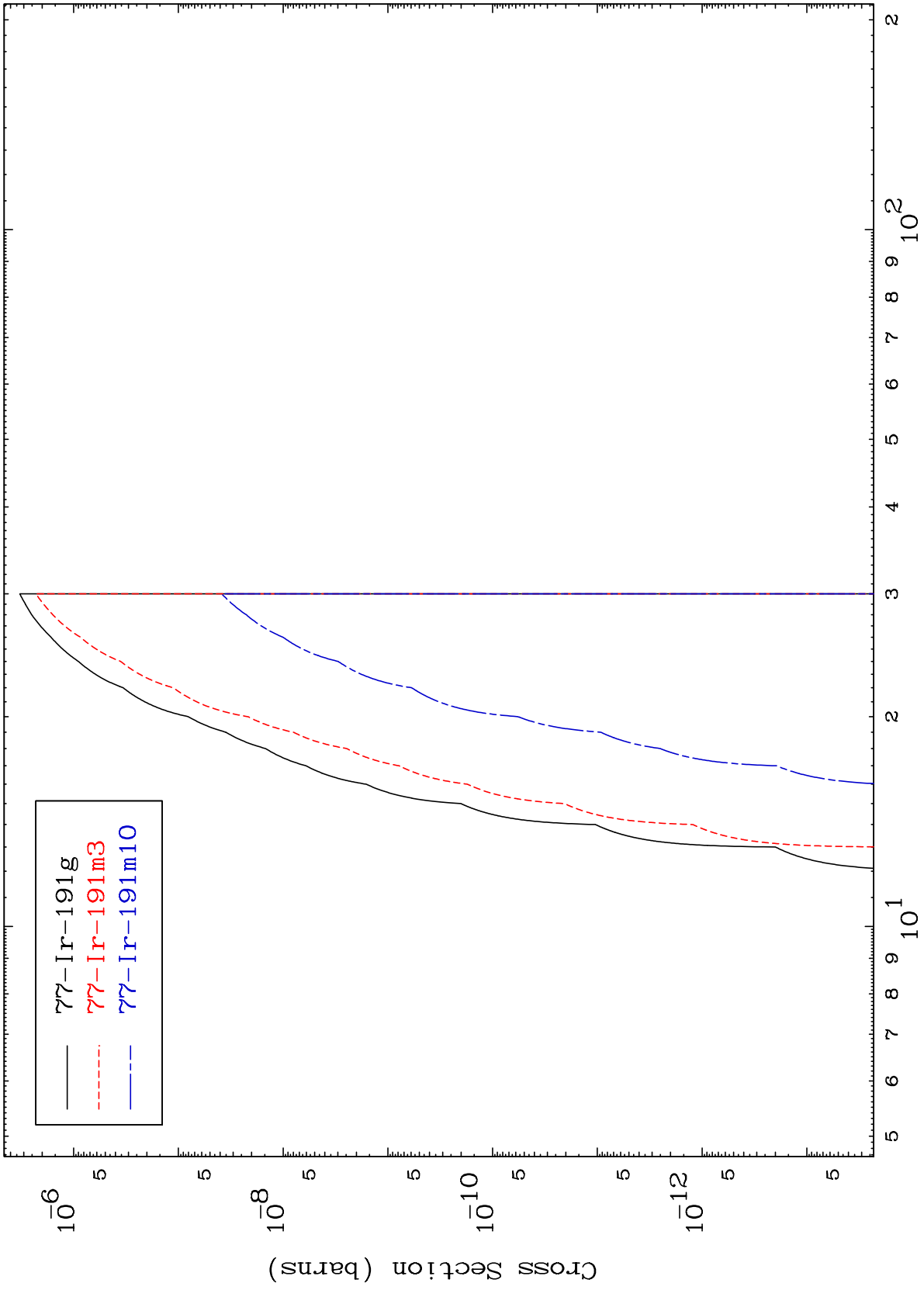
Incident Energy (MeV)

79-Au-196

MAT 7922

79-Au-196

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



13

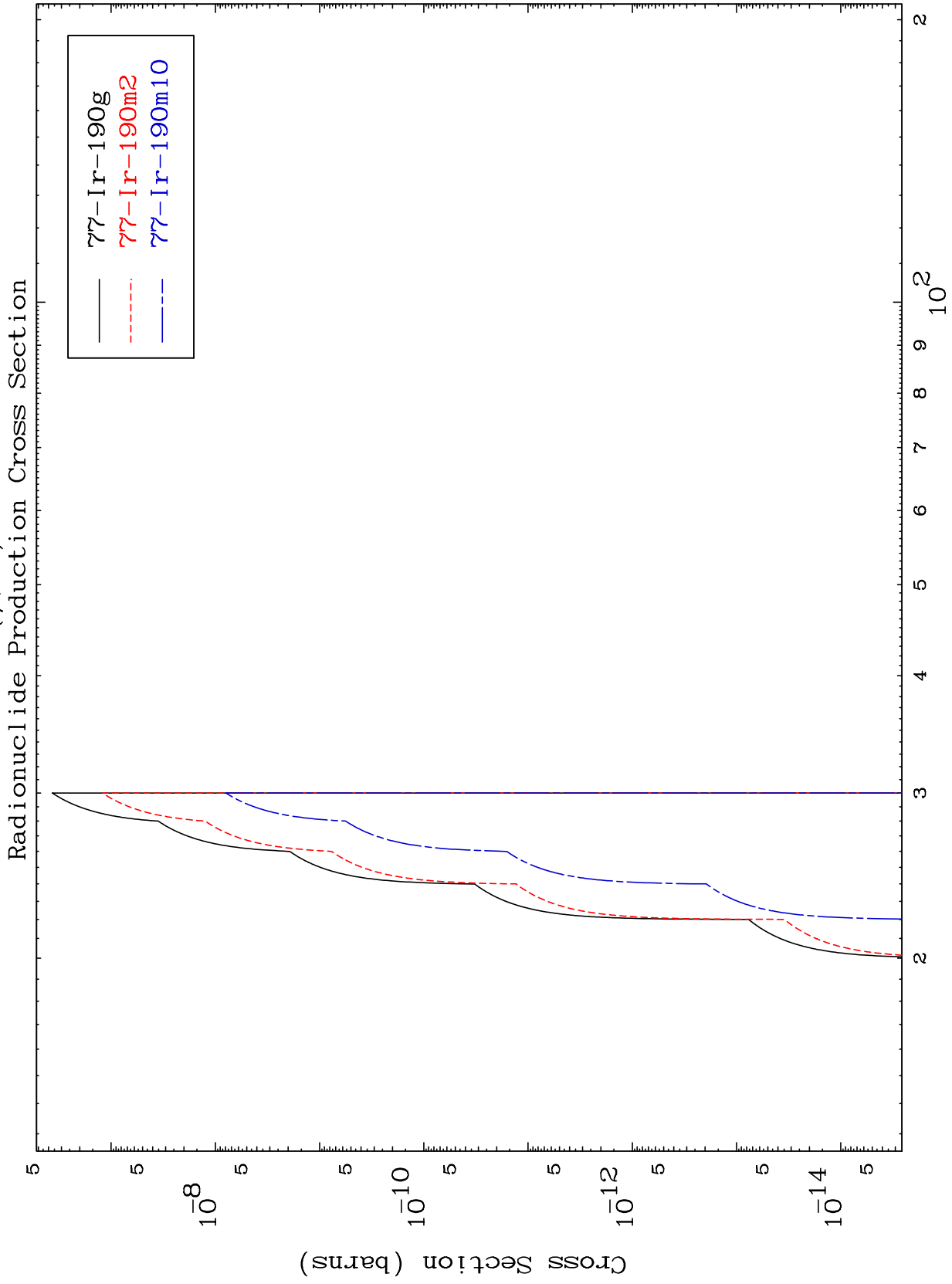
Incident Energy (MeV)

79-Au-196

MAT 7922

$(\gamma, 2n) \alpha$

79-Au-196



14

Incident Energy (MeV)

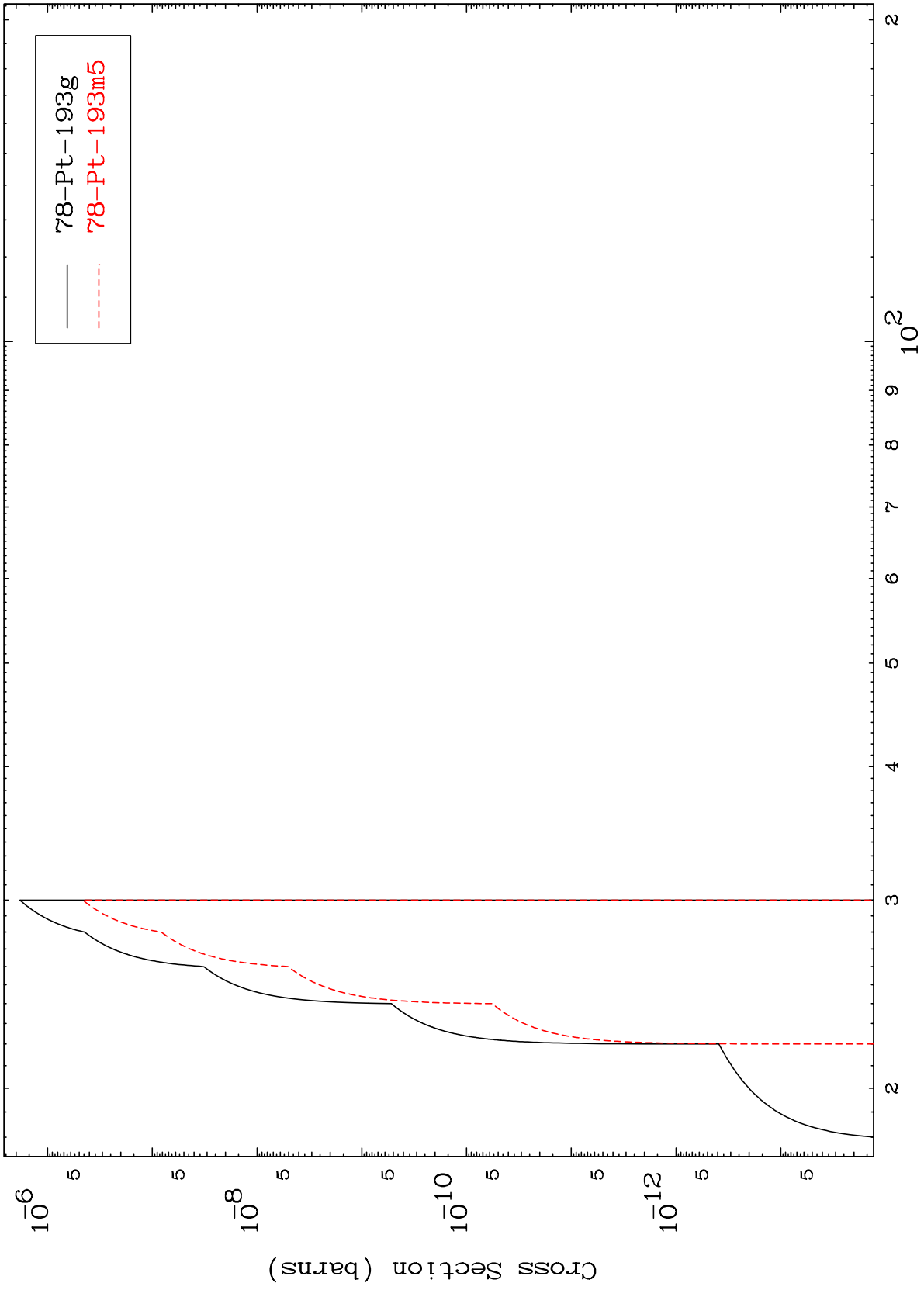
79-Au-196

MAT 7922

( $\gamma, n'$ ) d

79-Au-196

Radionuclide Production Cross Section



15

Incident Energy (MeV)

79-Au-196

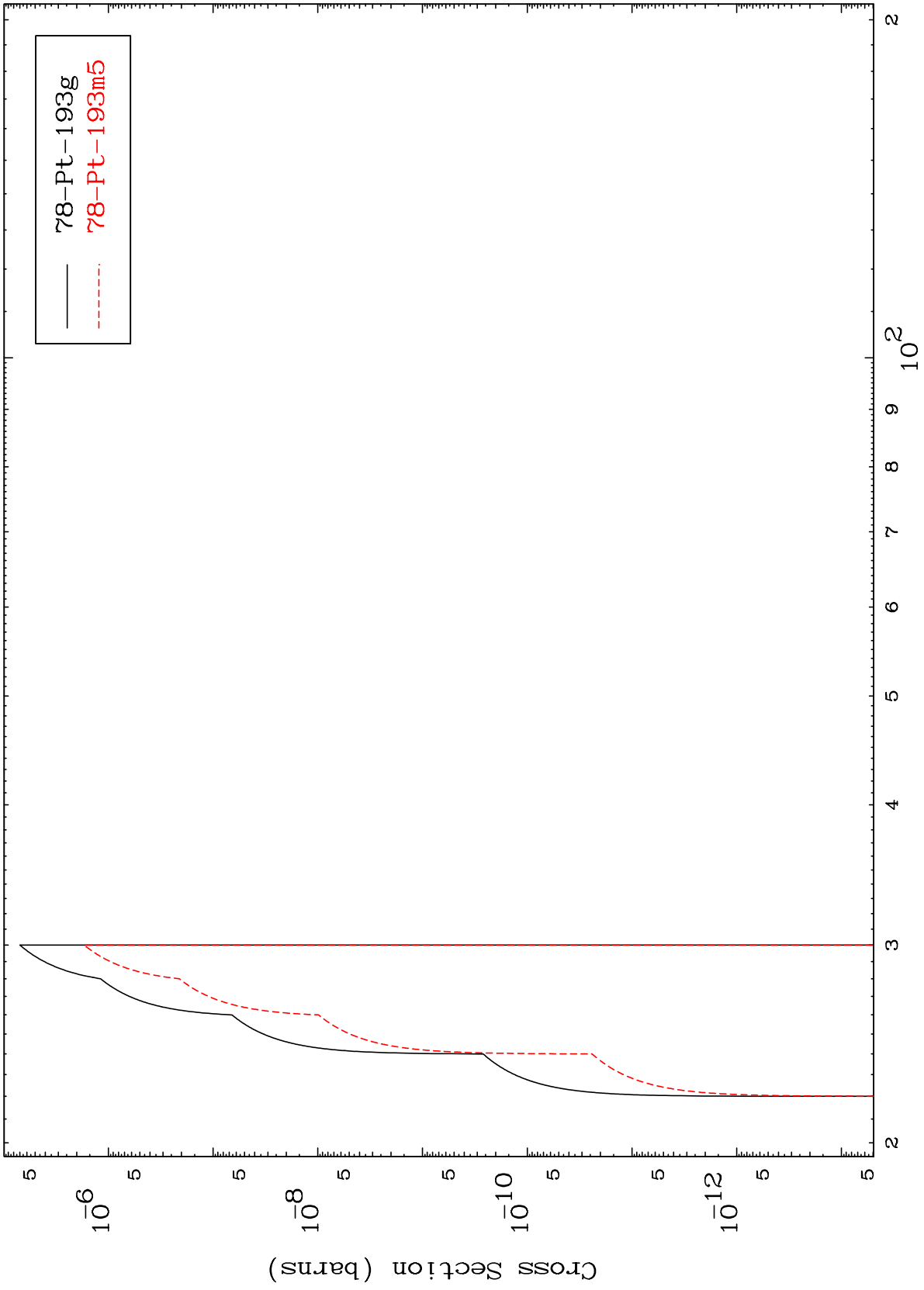


MAT 7922

$(\gamma, 2n)$  p

79-Au-196

Radionuclide Production Cross Section



16

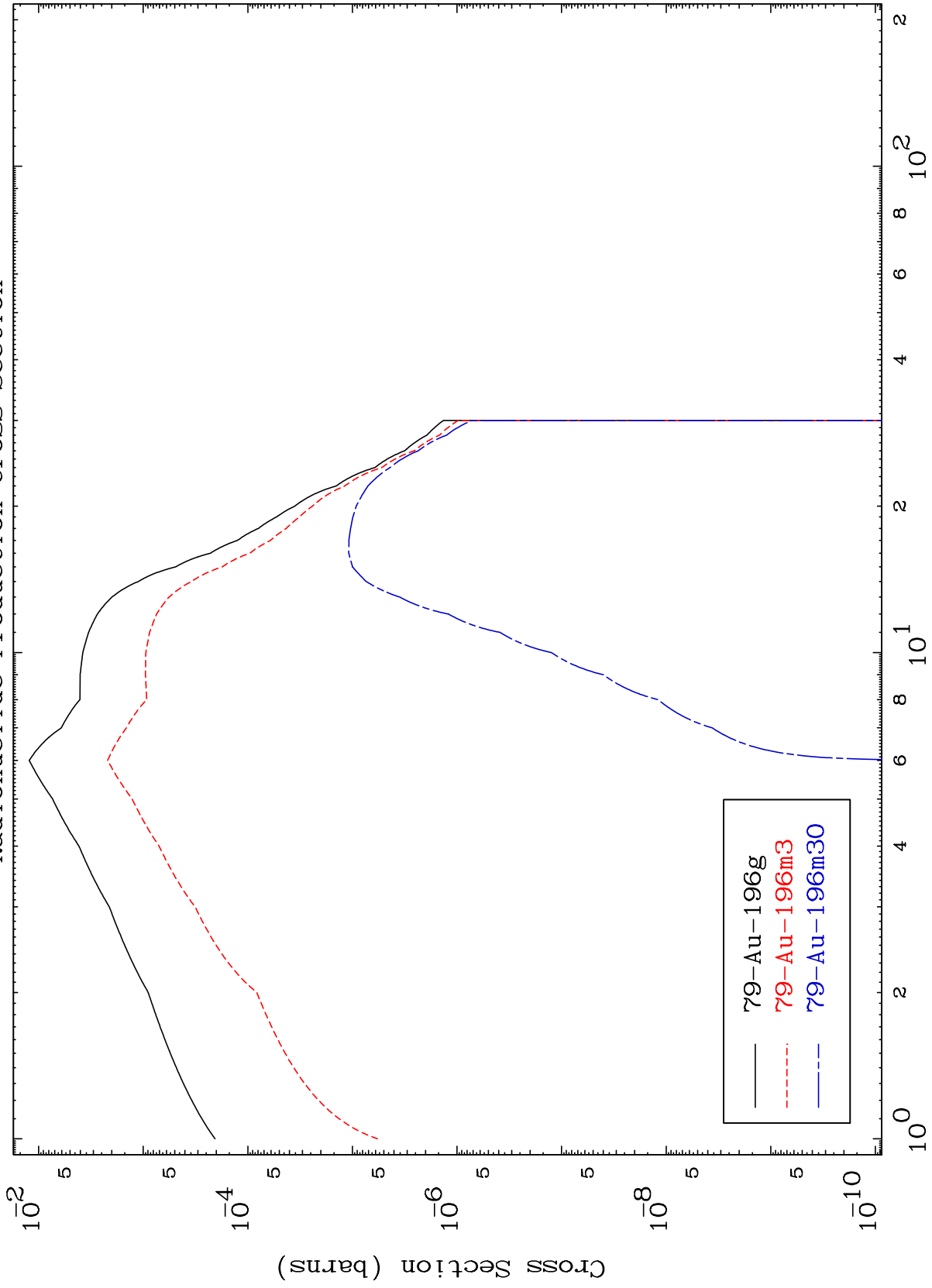
Incident Energy (MeV)

79-Au-196

MAT 7922

79-Au-196

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



17

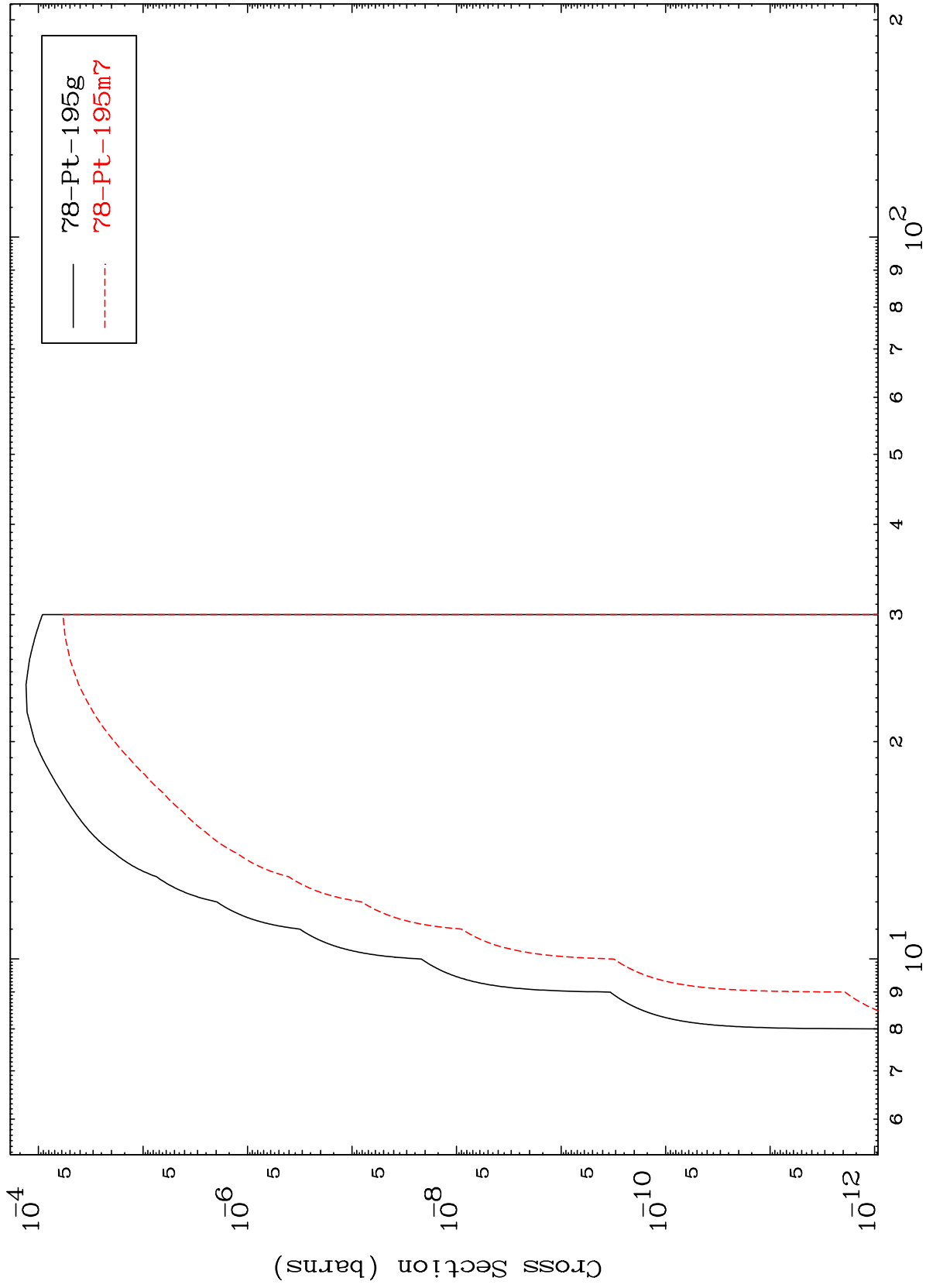
Incident Energy (MeV)

79-Au-196

MAT 7922

79-Au-196

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



18

Incident Energy (MeV)

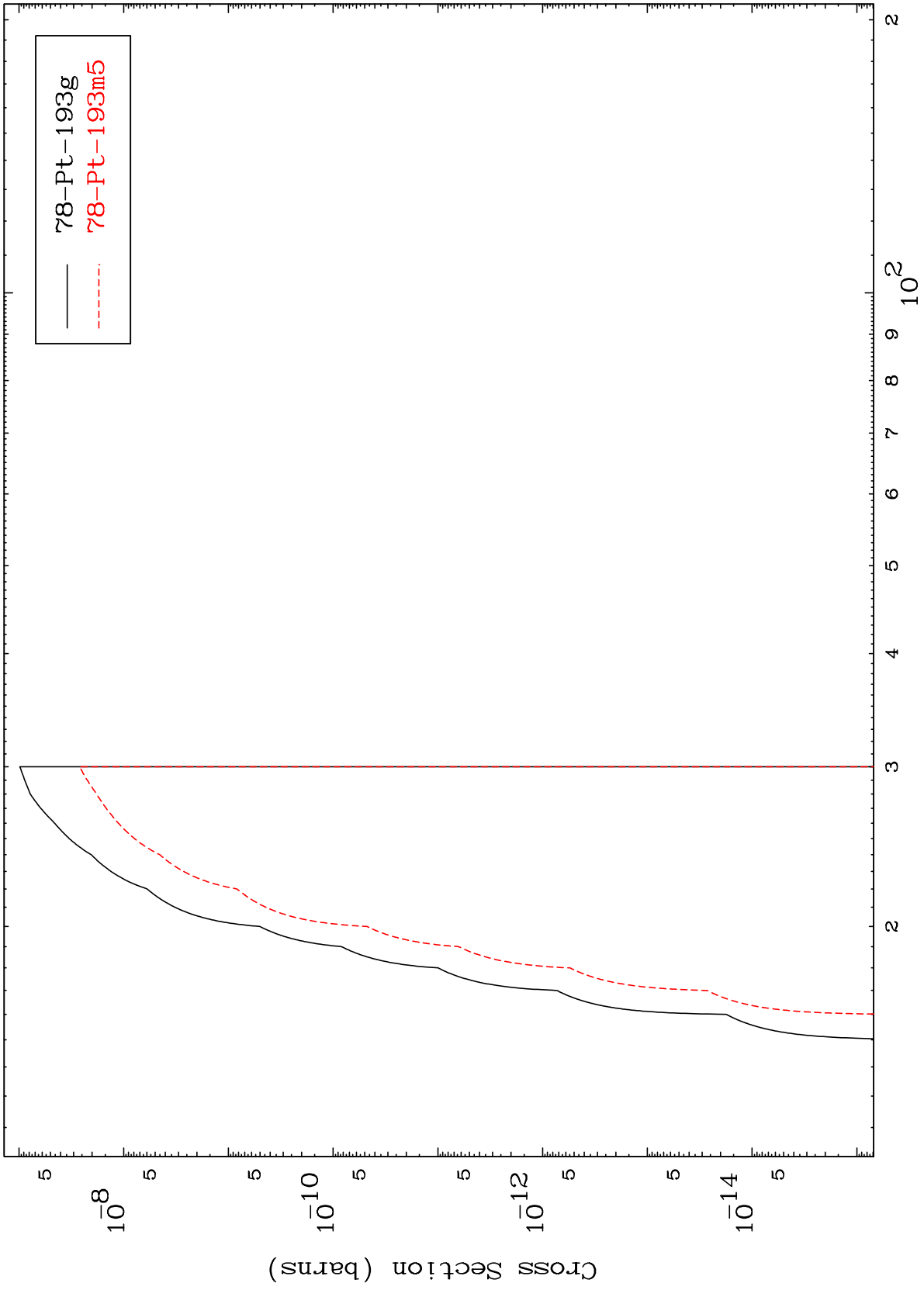
79-Au-196

MAT 7922

( $\gamma, t$ )

79-Au-196

Radionuclide Production Cross Section



19

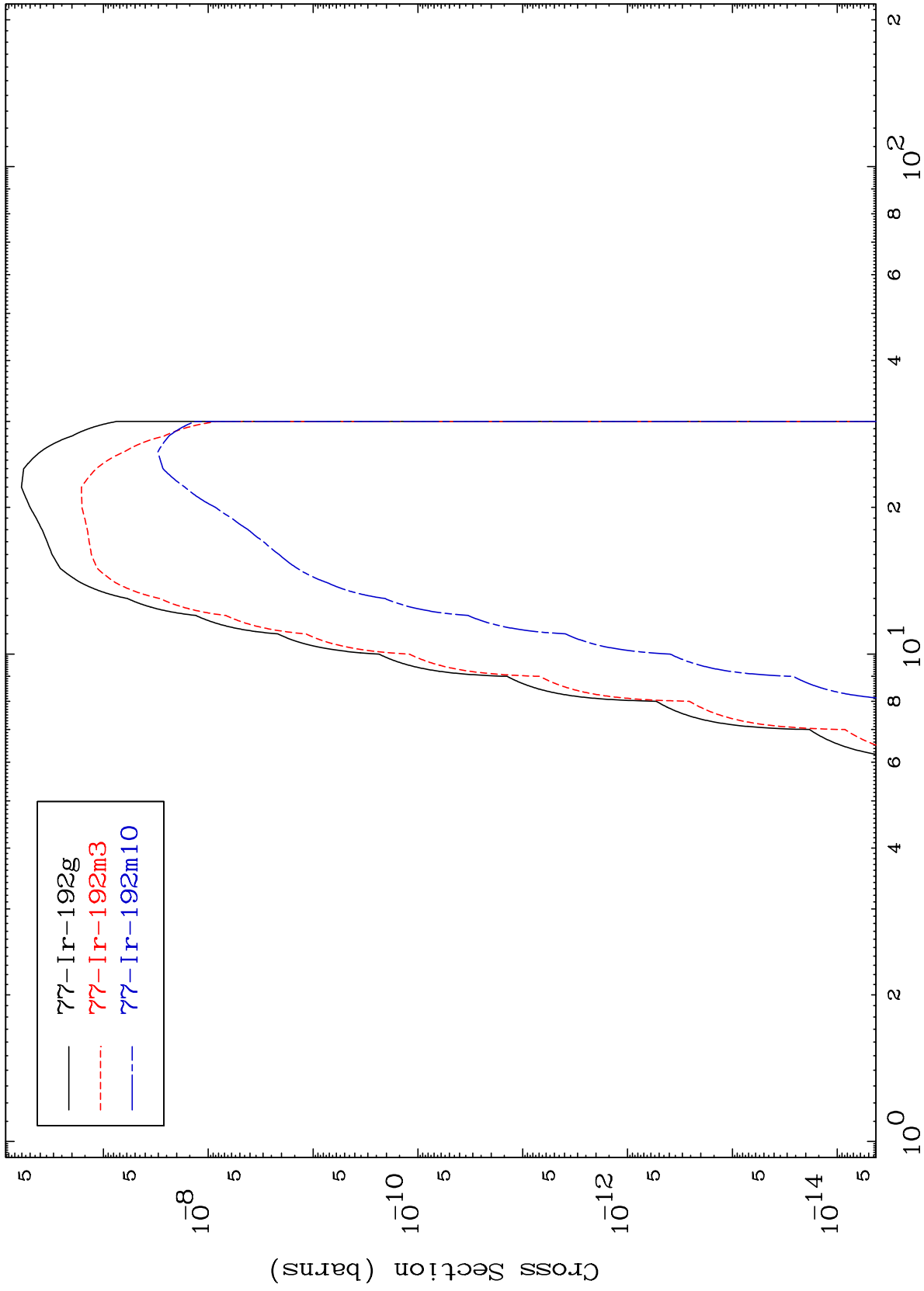
Incident Energy (MeV)

79-Au-196

MAT 7922

79-Au-196

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



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