

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

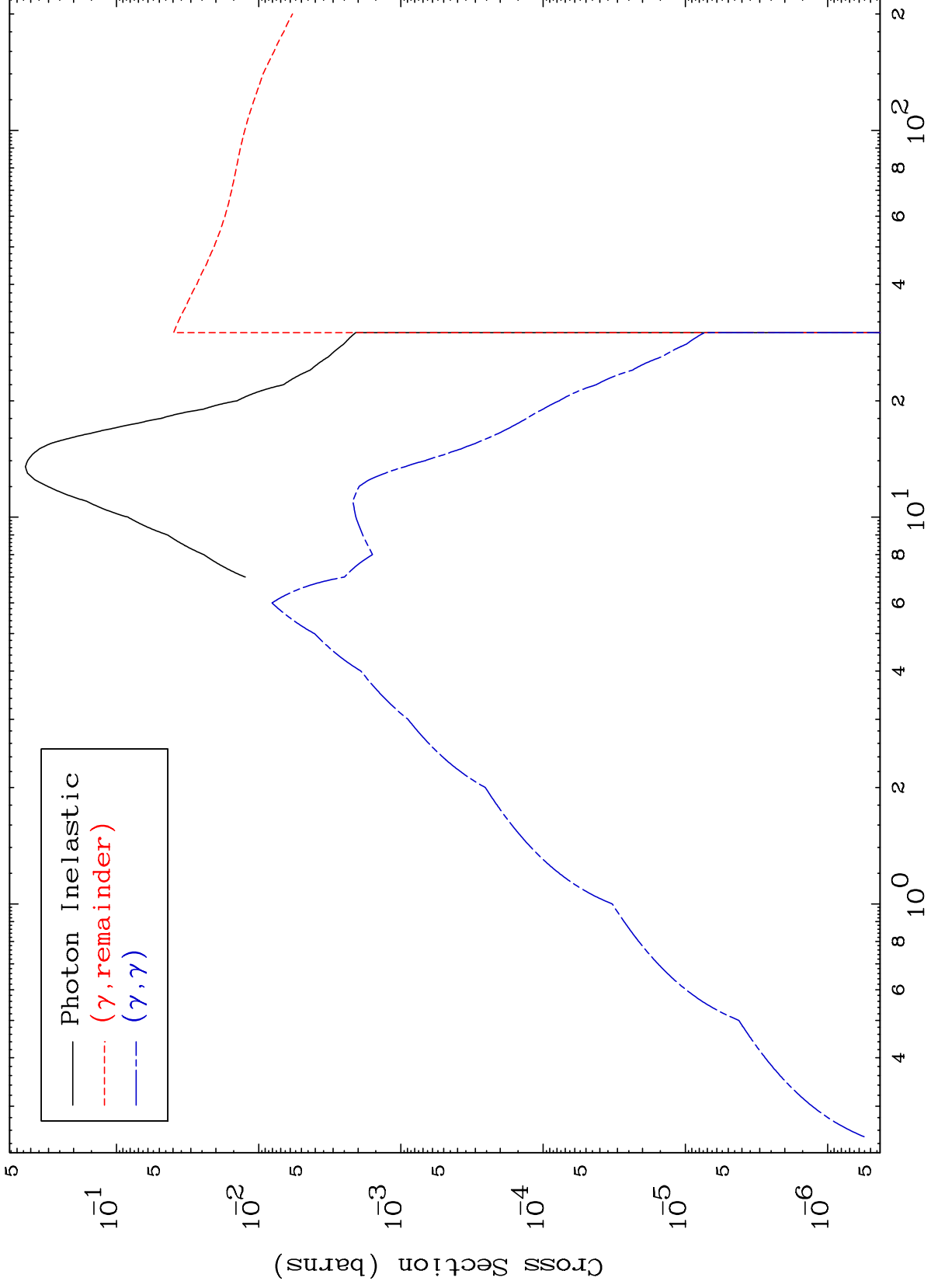
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Livermore, CA 94550  
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Tele: 925-443-1911

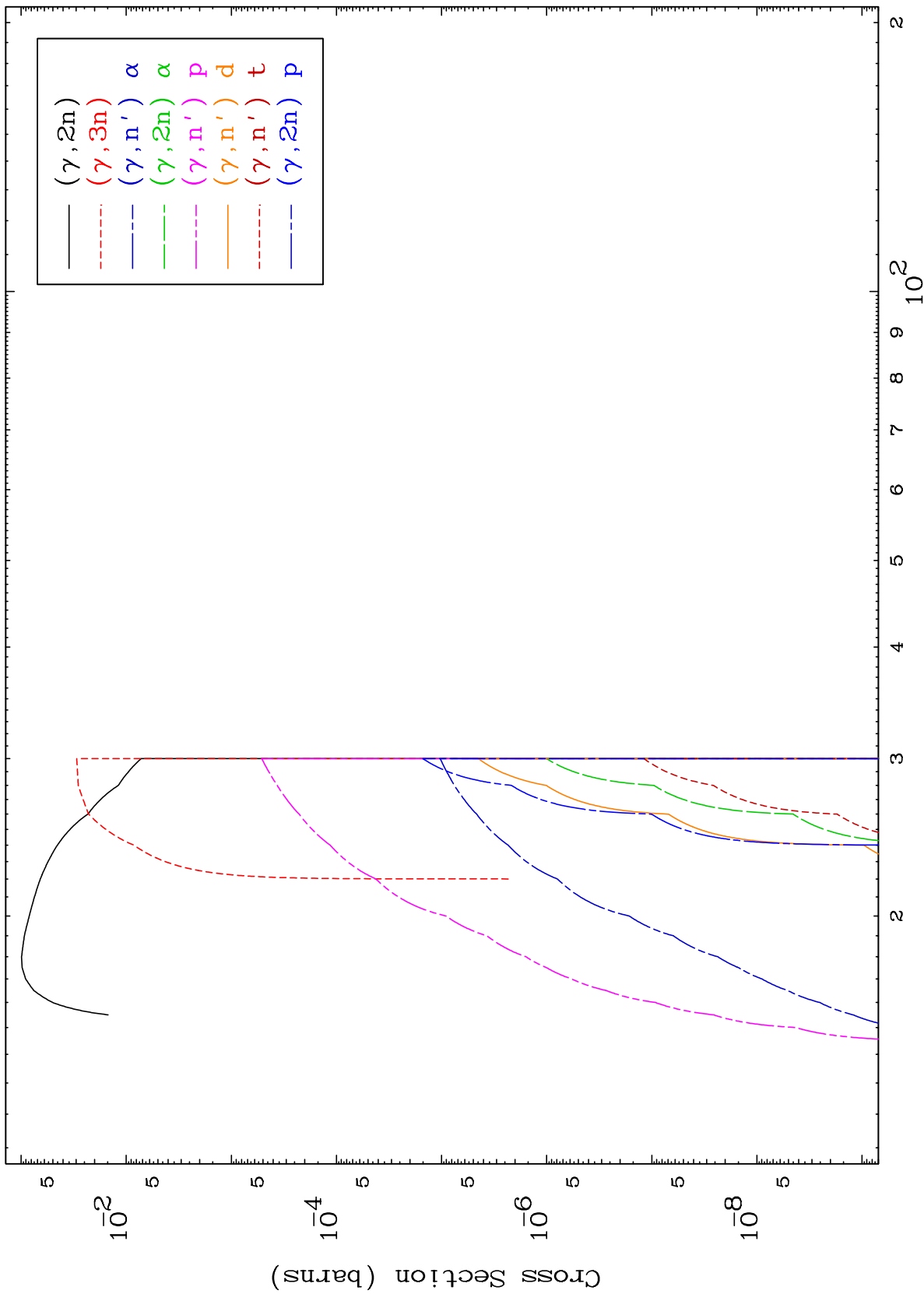
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start



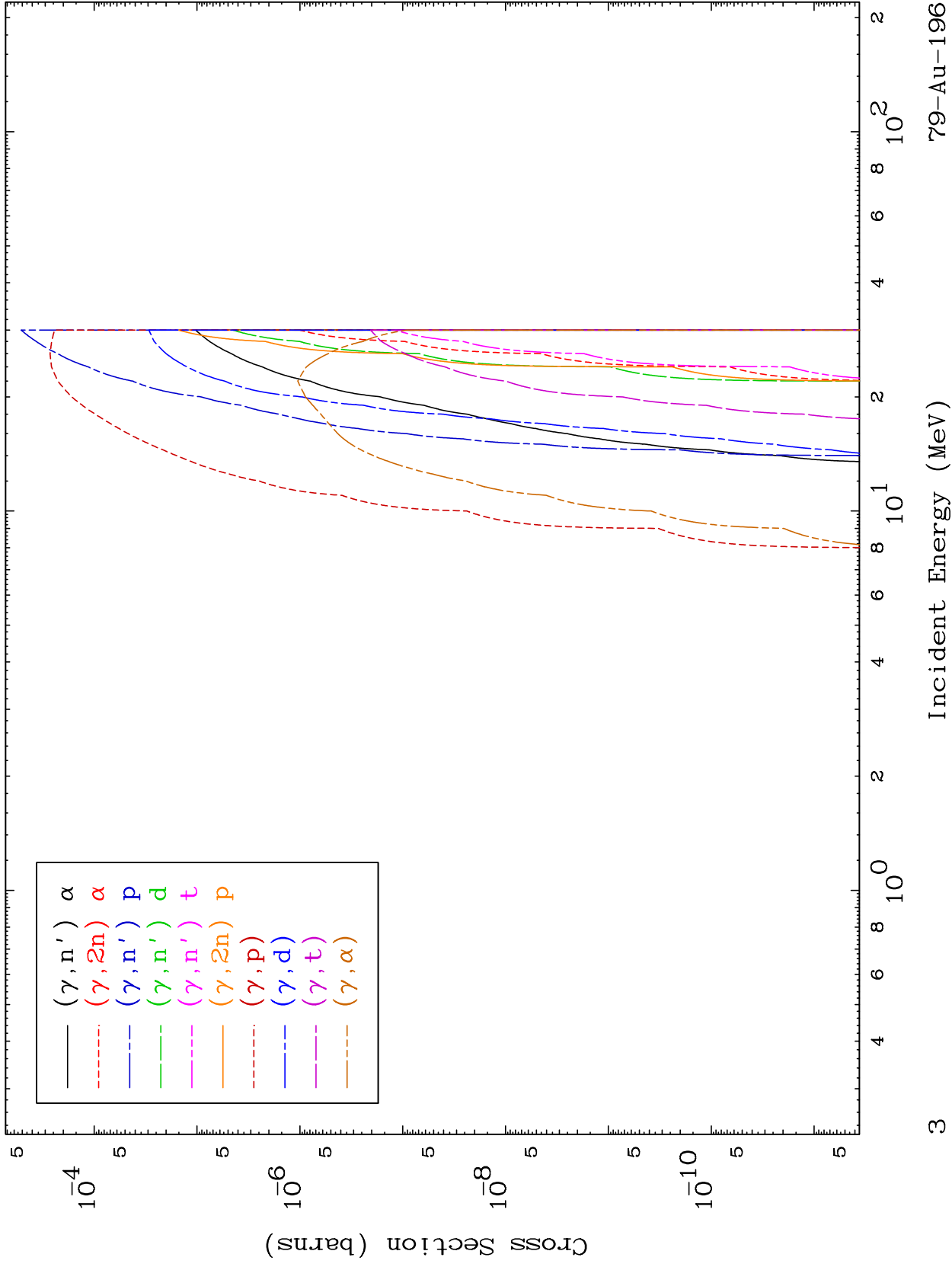
Photon Inelastic  
(γ, remainder)  
(γ, γ)



MAT 7922

Photon Charged Particle  
0 Kelvin Cross Sections

79-Au-196

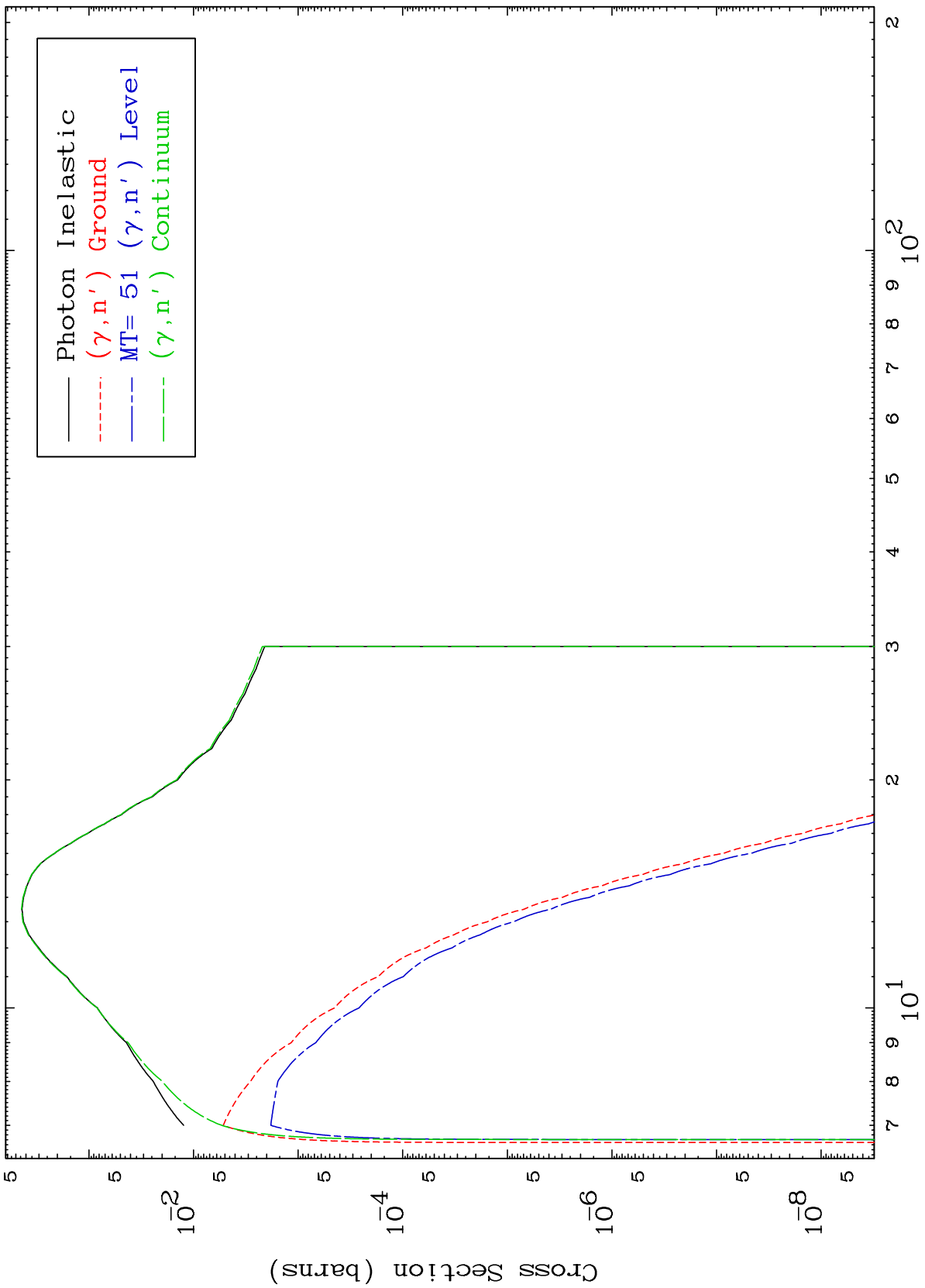


MAT 7922

( $\gamma, n'$ ) Level

79-Au-196

0 Kelvin Cross Sections



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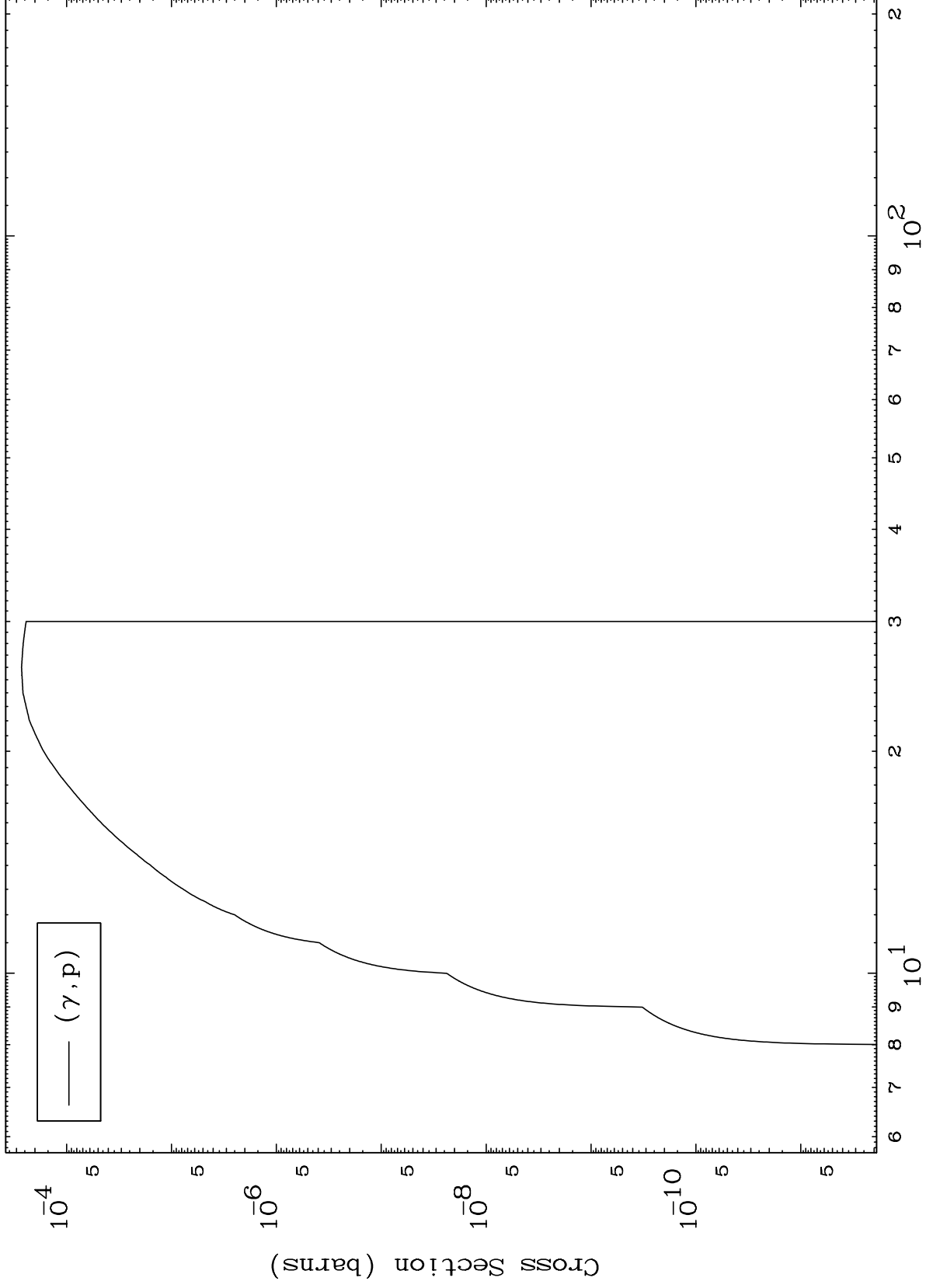
Incident Energy (MeV)

79-Au-196

MAT 7922

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

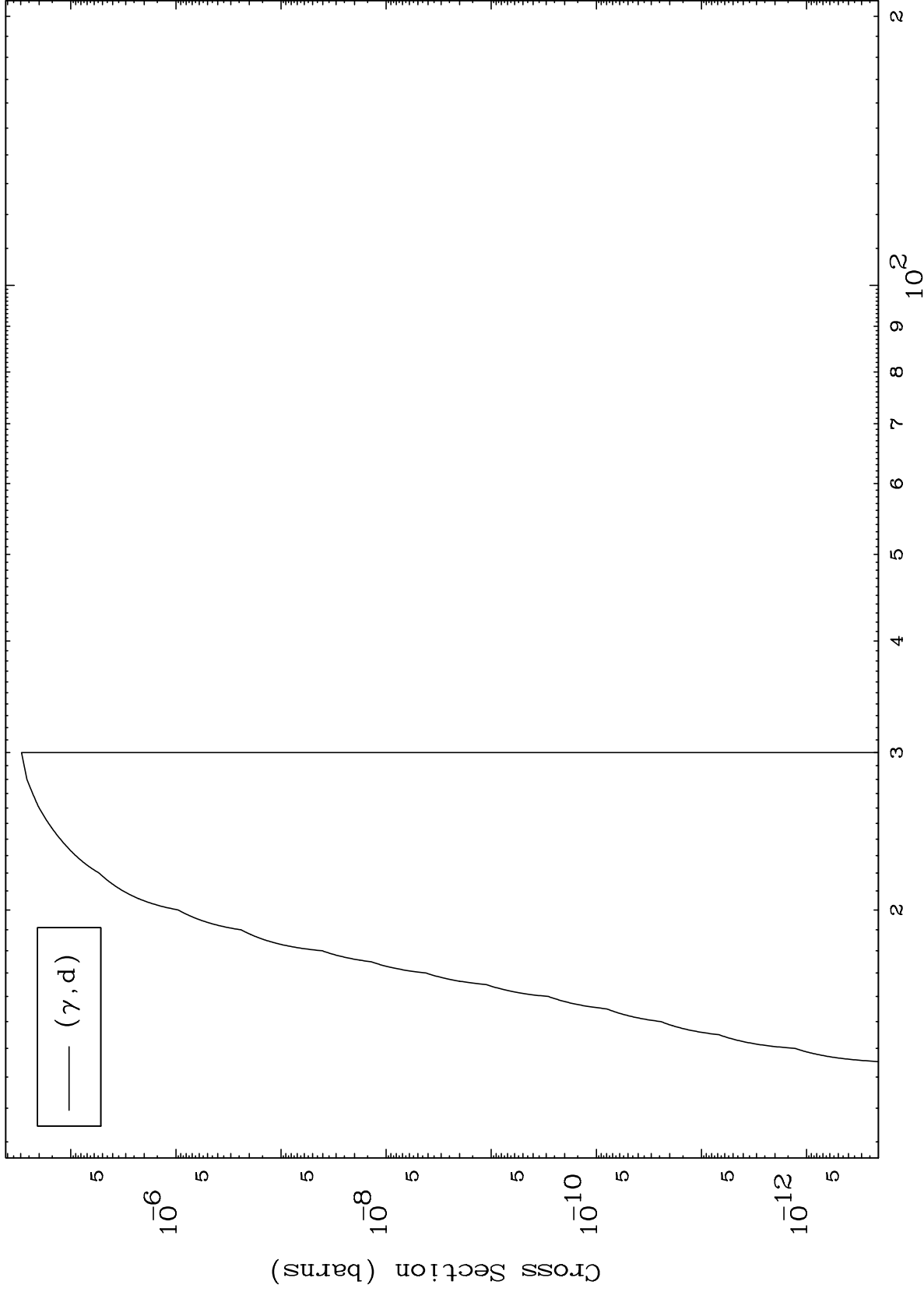
79-Au-196

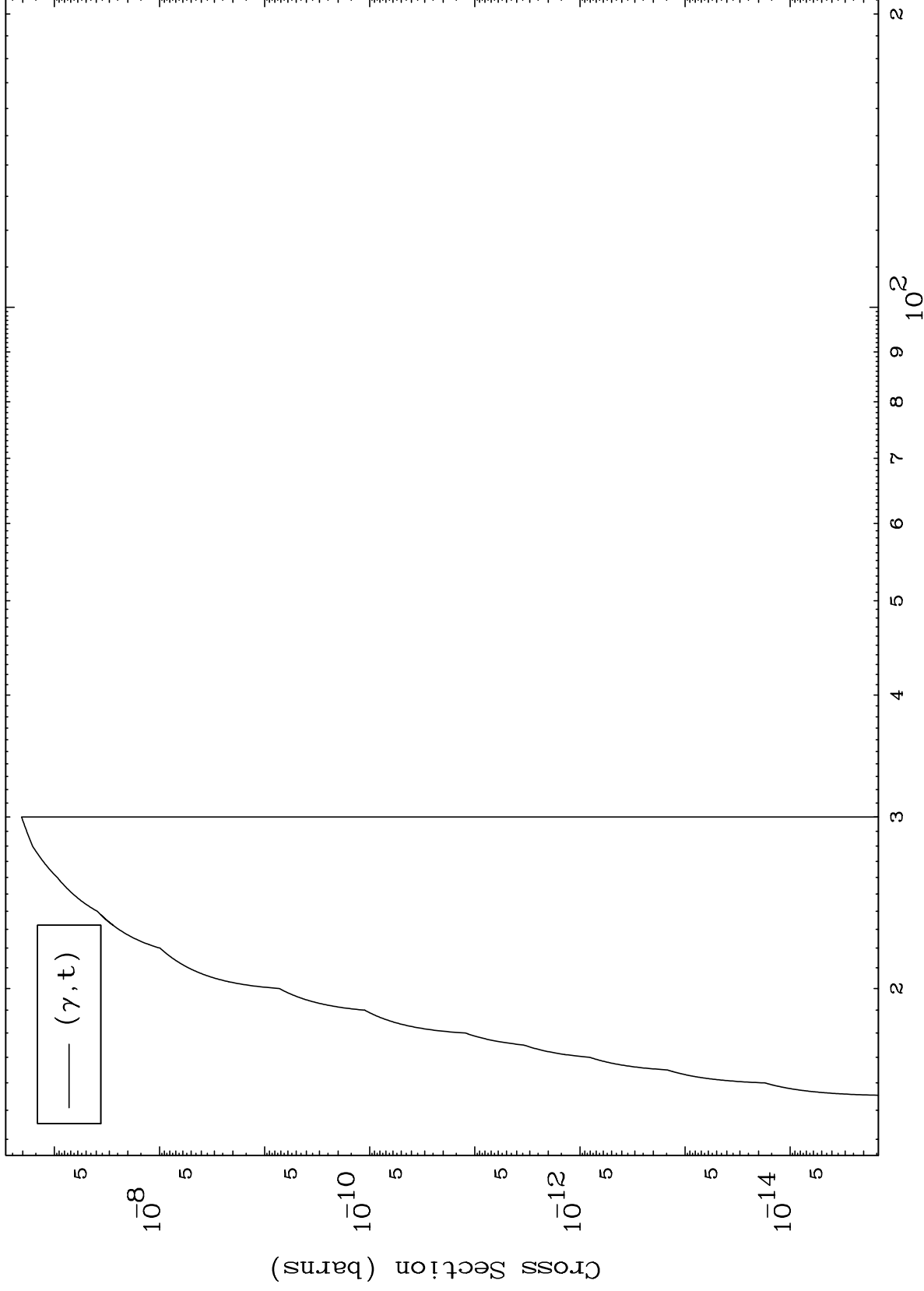


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Incident Energy (MeV)

79-Au-196





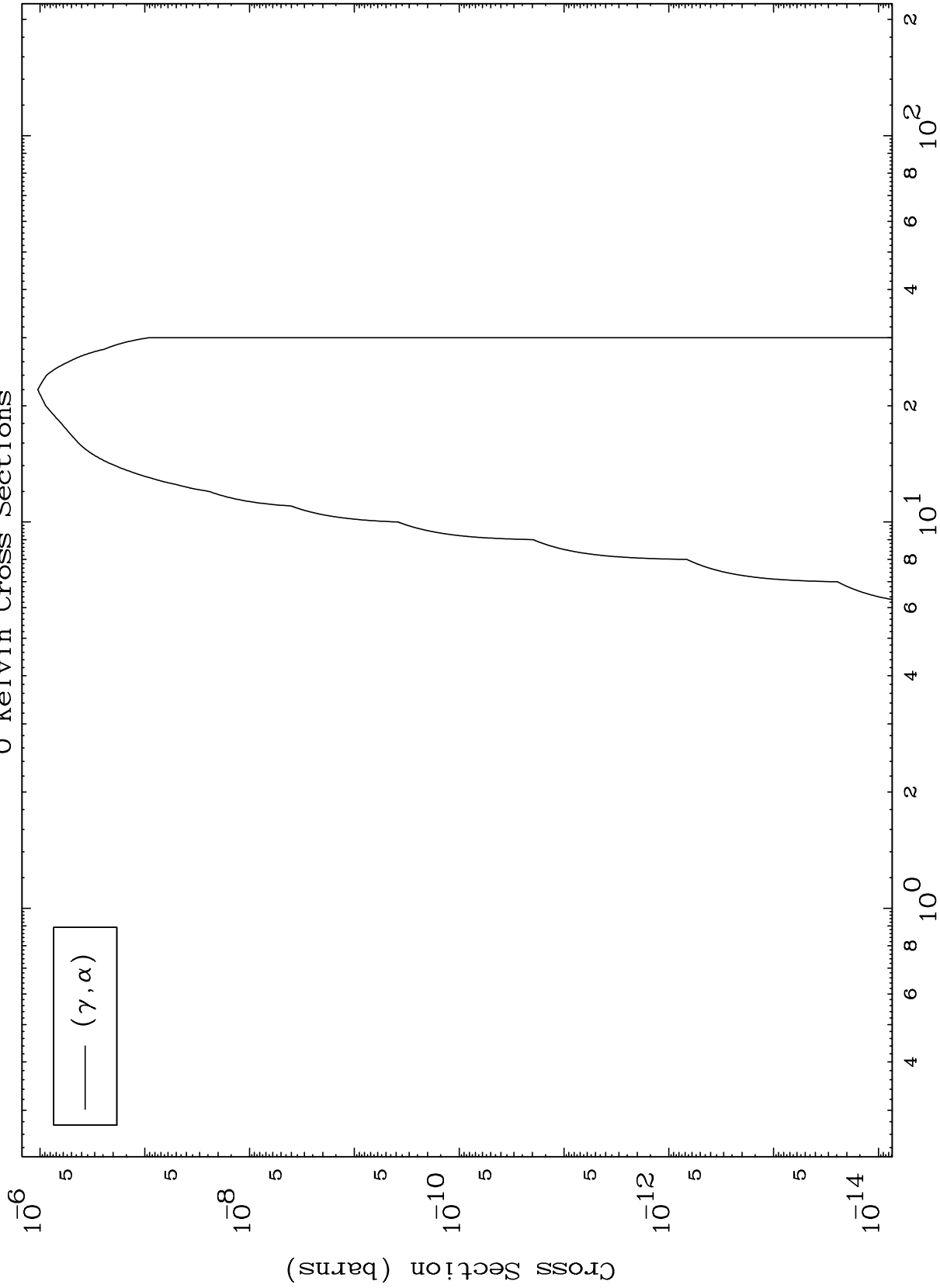


MAT 7922

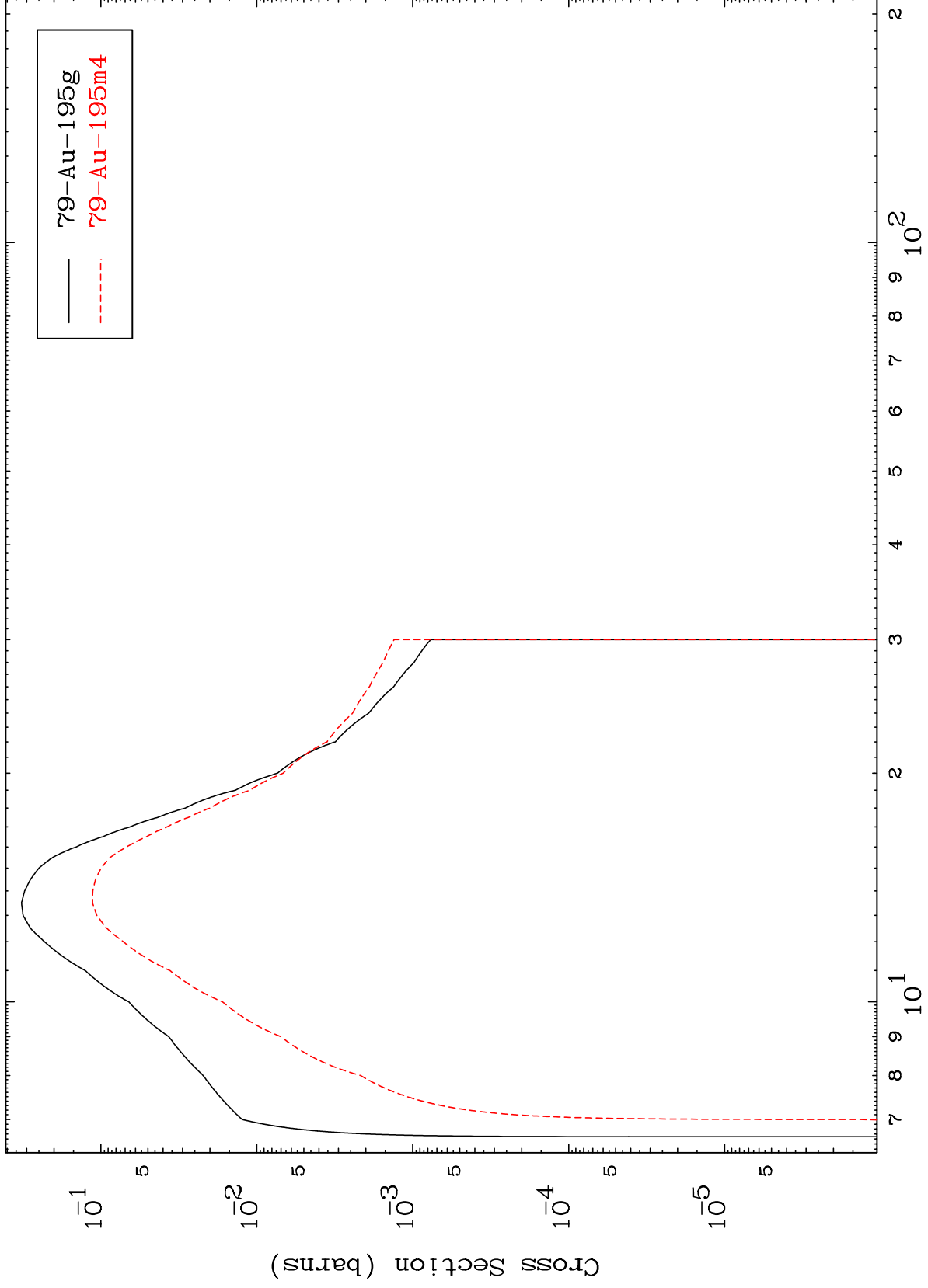
( $\gamma, \alpha$ ) Levels

79-Au-196

0 Kelvin Cross Sections



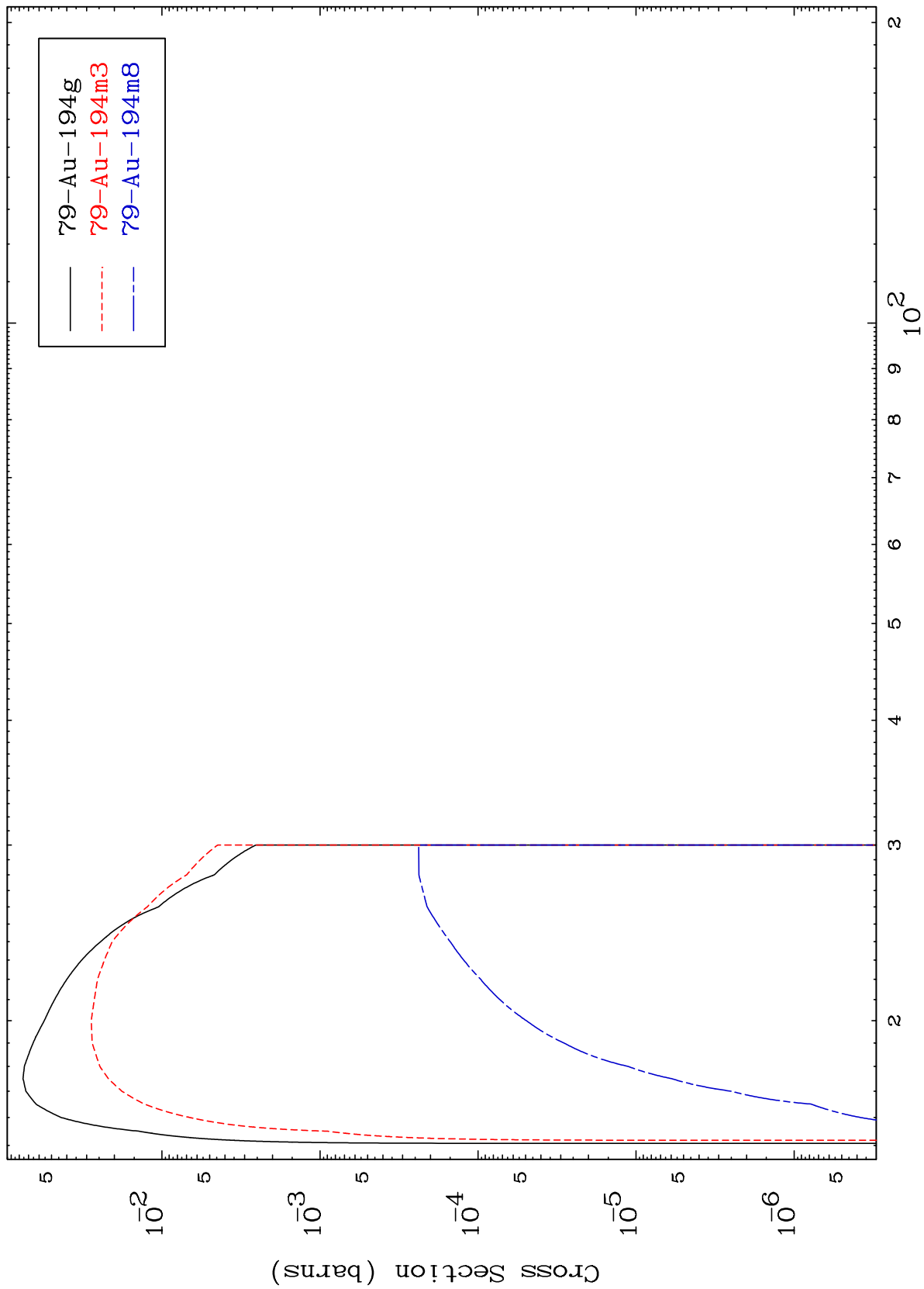
( $\gamma, \alpha$ )



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79-Au-196

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



79-Au-196

Incident Energy (MeV)

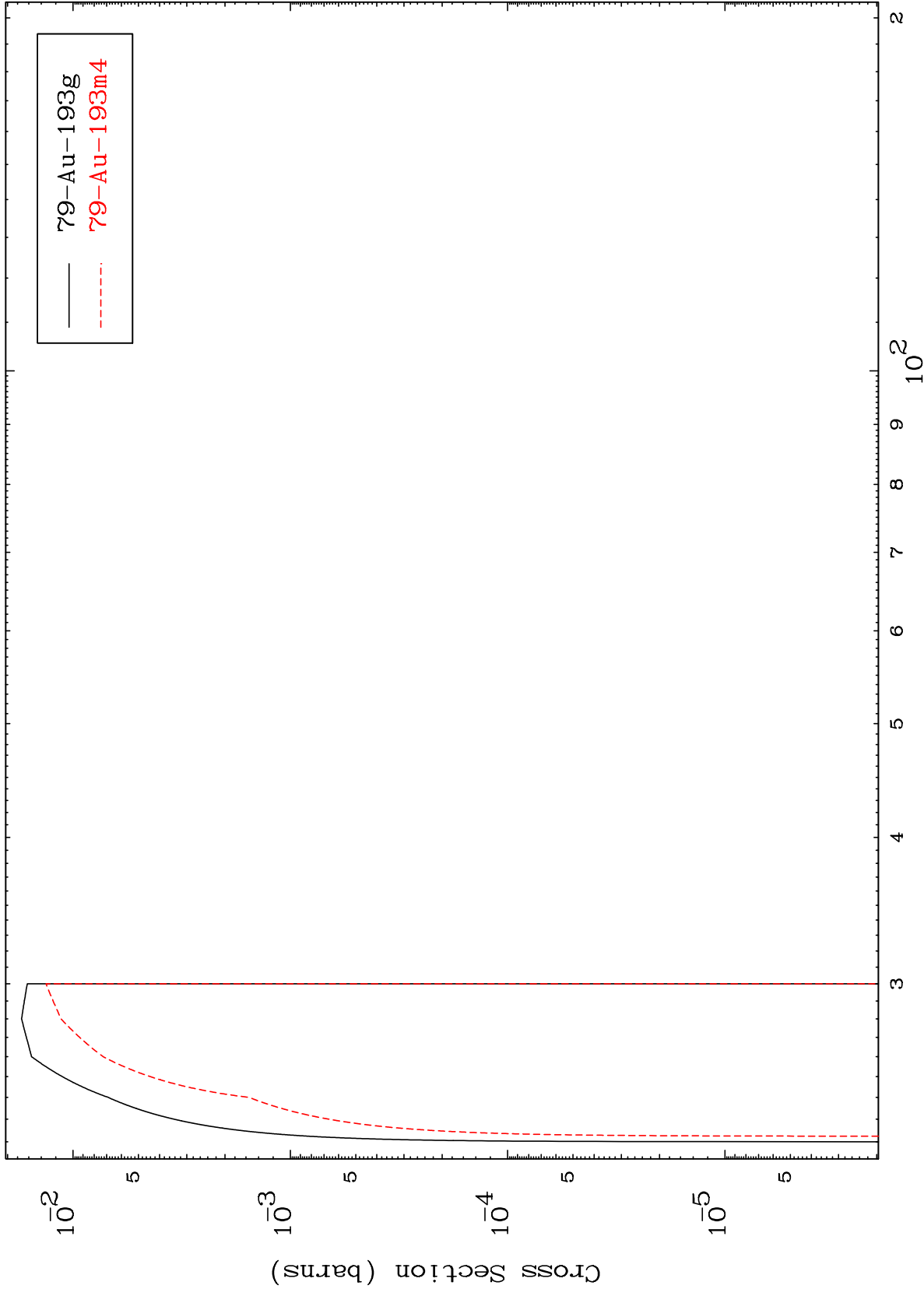
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MAT 7922

( $\gamma, 3n$ )

79-Au-196

Radionuclide Production Cross Section



79-Au-193g  
79-Au-193m4

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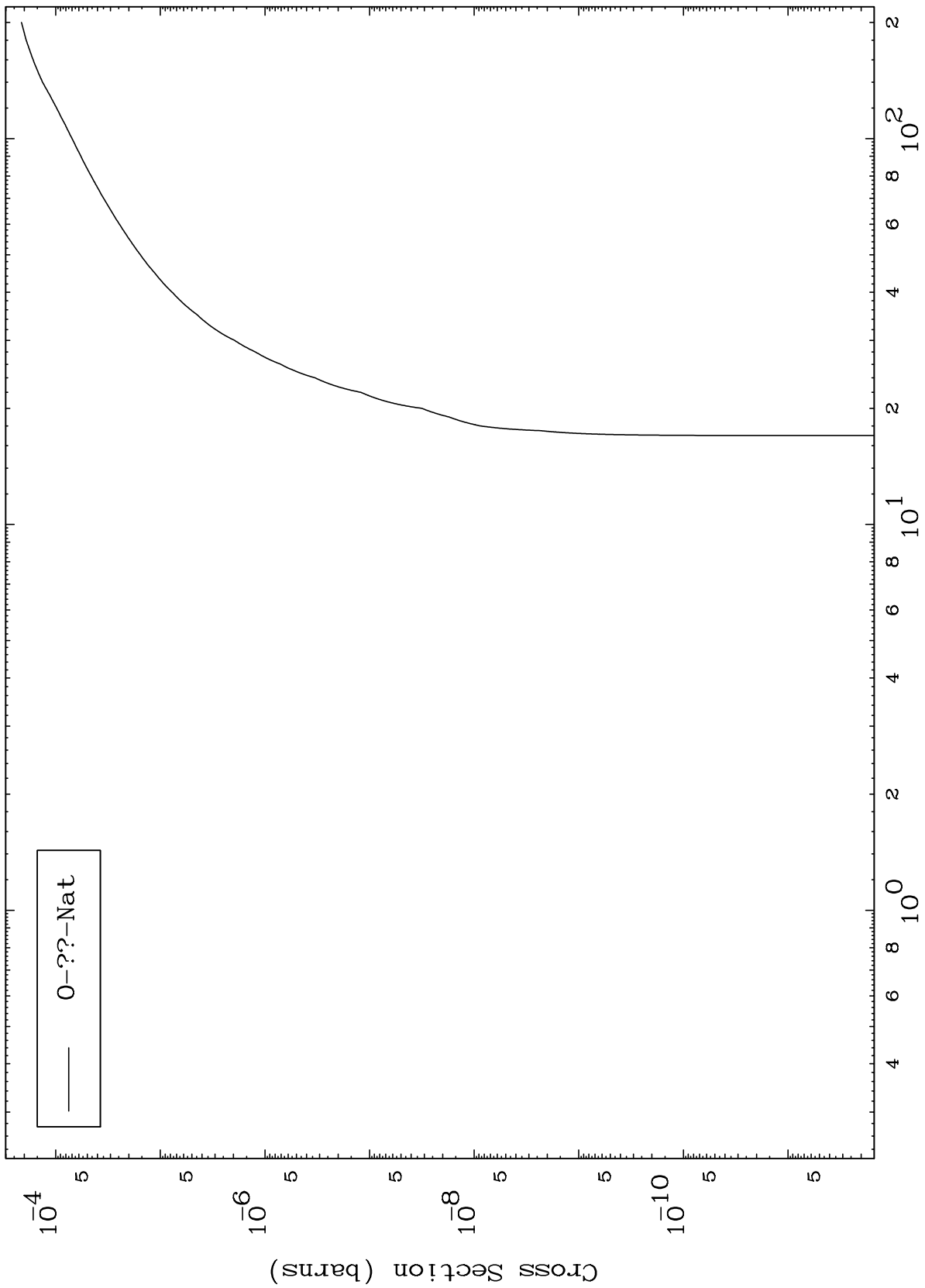
Incident Energy (MeV)

79-Au-196

MAT 7922

Photon Fission  
Radionuclide Production Cross Section

79-Au-196



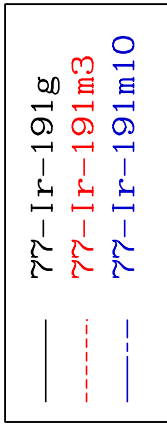
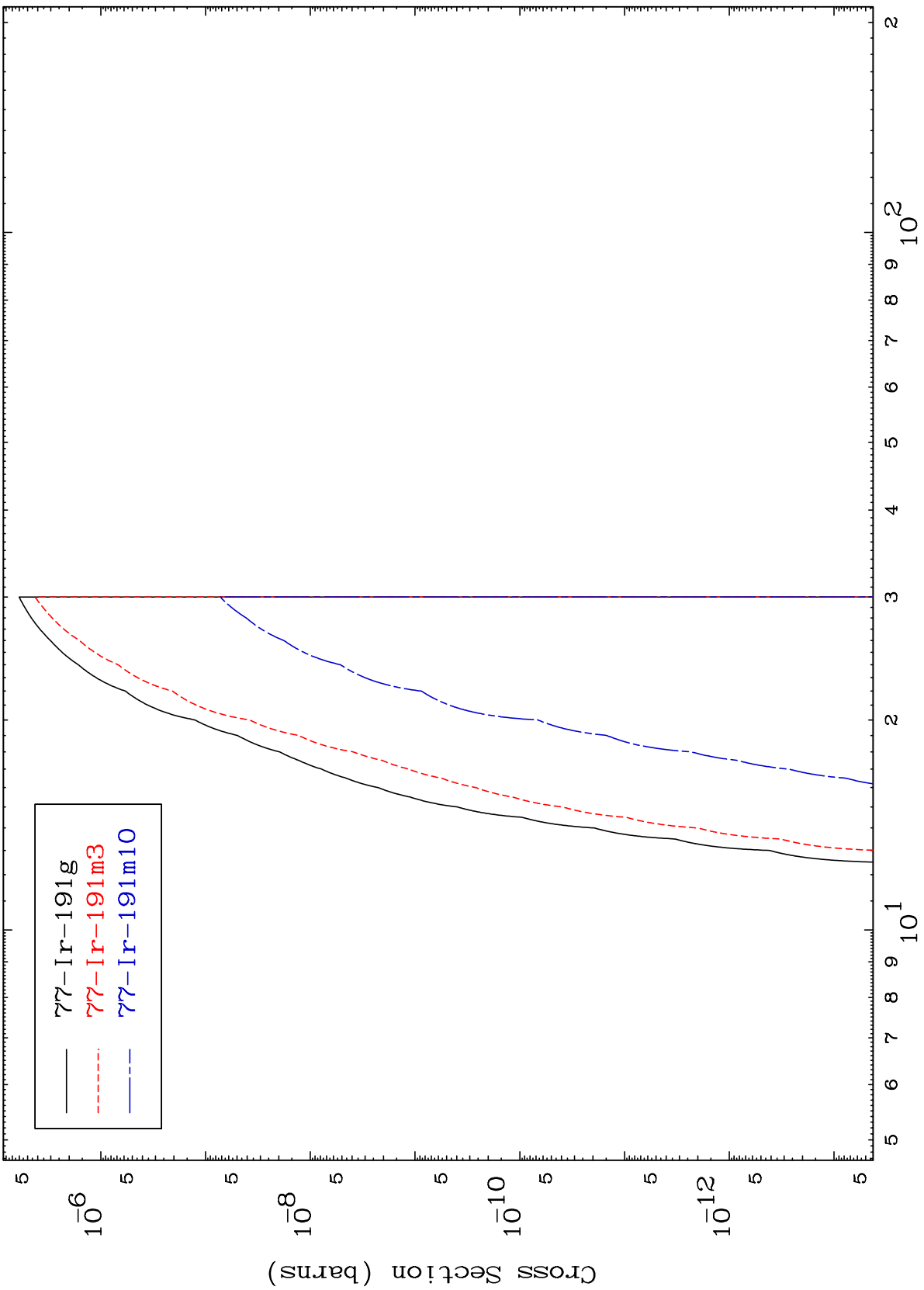
79-Au-196

MAT 7922

$(\gamma, n')$   $\alpha$

79-Au-196

Radionuclide Production Cross Section



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Incident Energy (MeV)

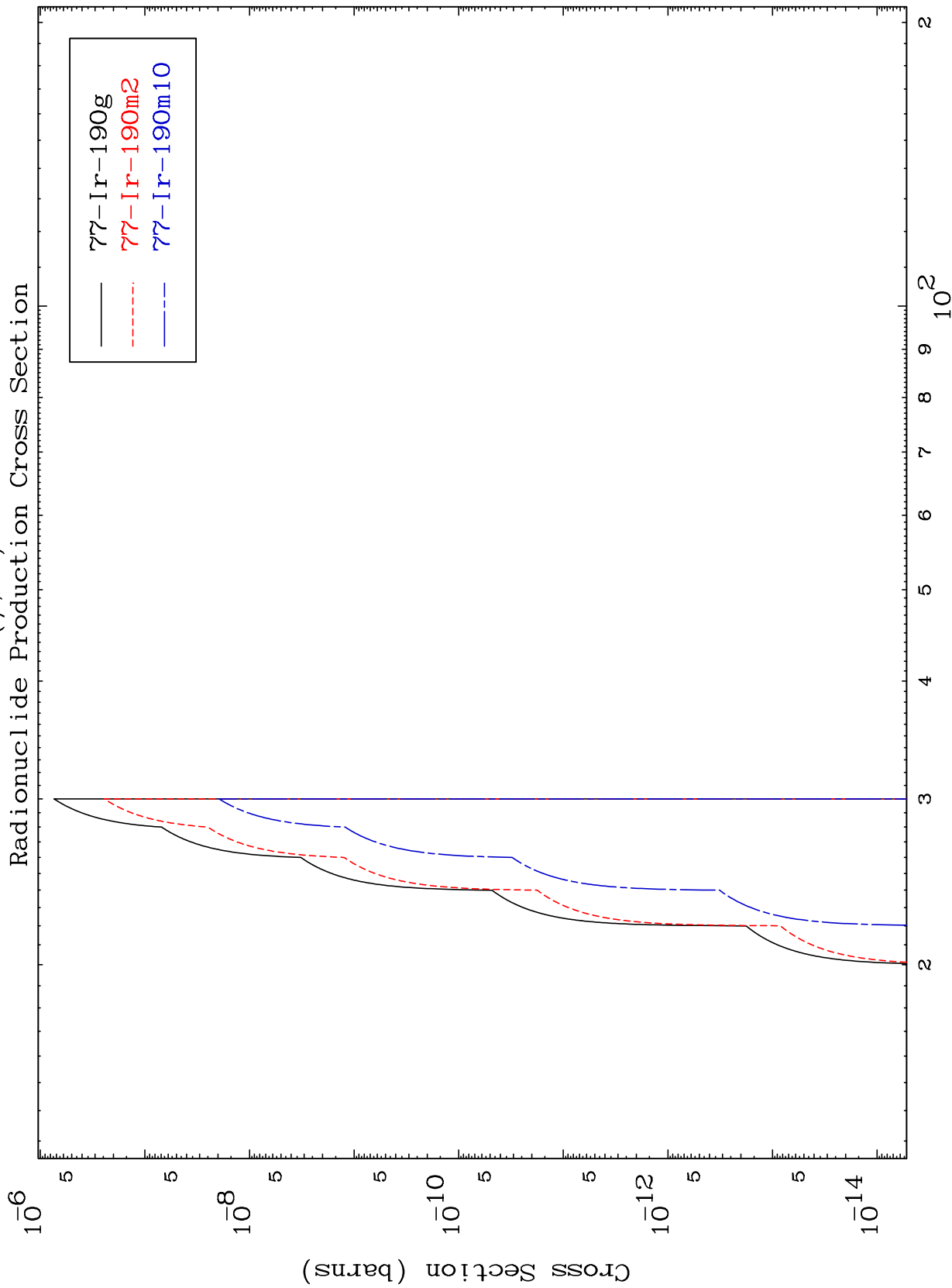
79-Au-196

MAT 7922

79-Au-196

$(\gamma, 2n) \alpha$

Radionuclide Production Cross Section

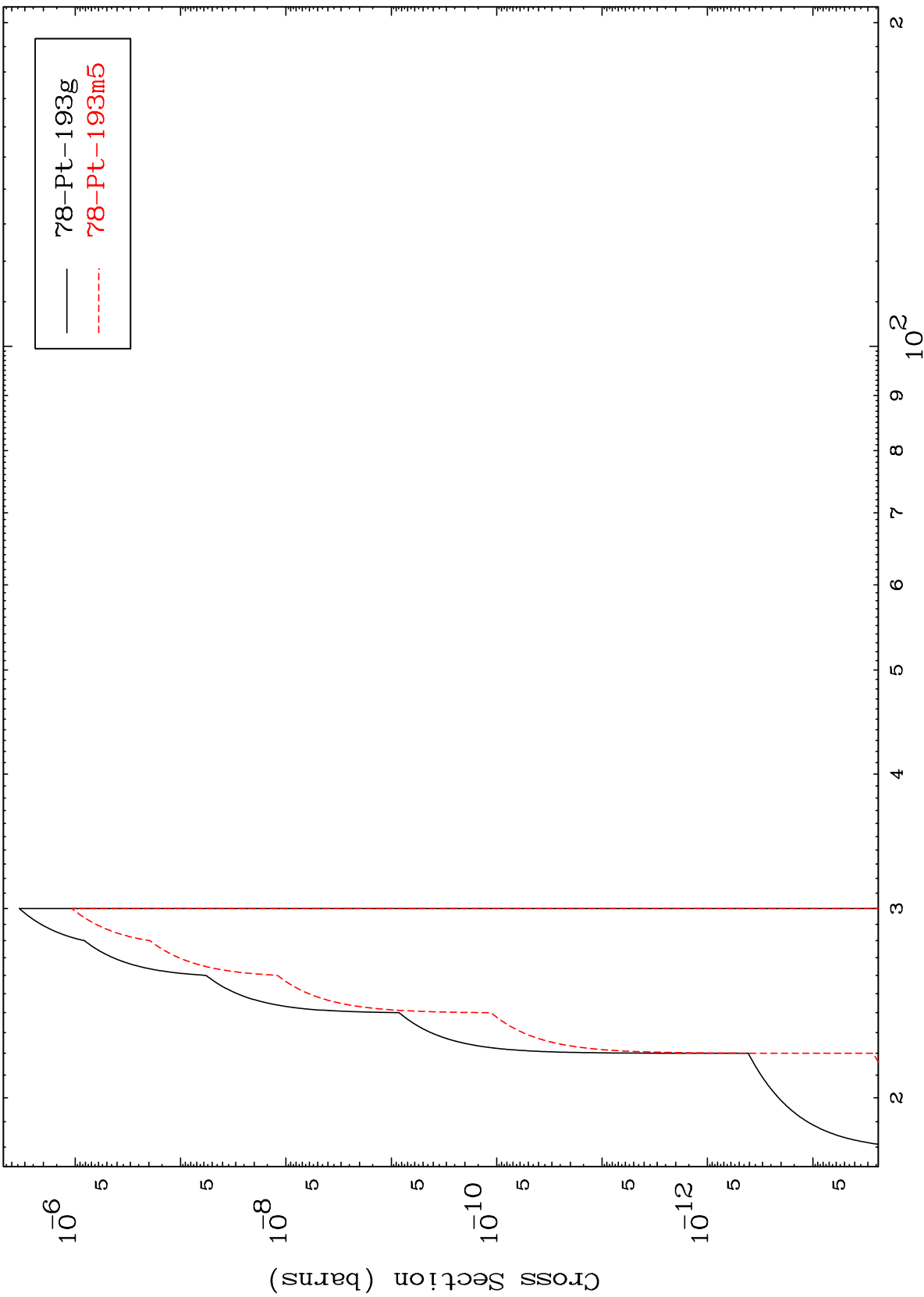


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Incident Energy (MeV)

79-Au-196

Radionuclide Production Cross Section



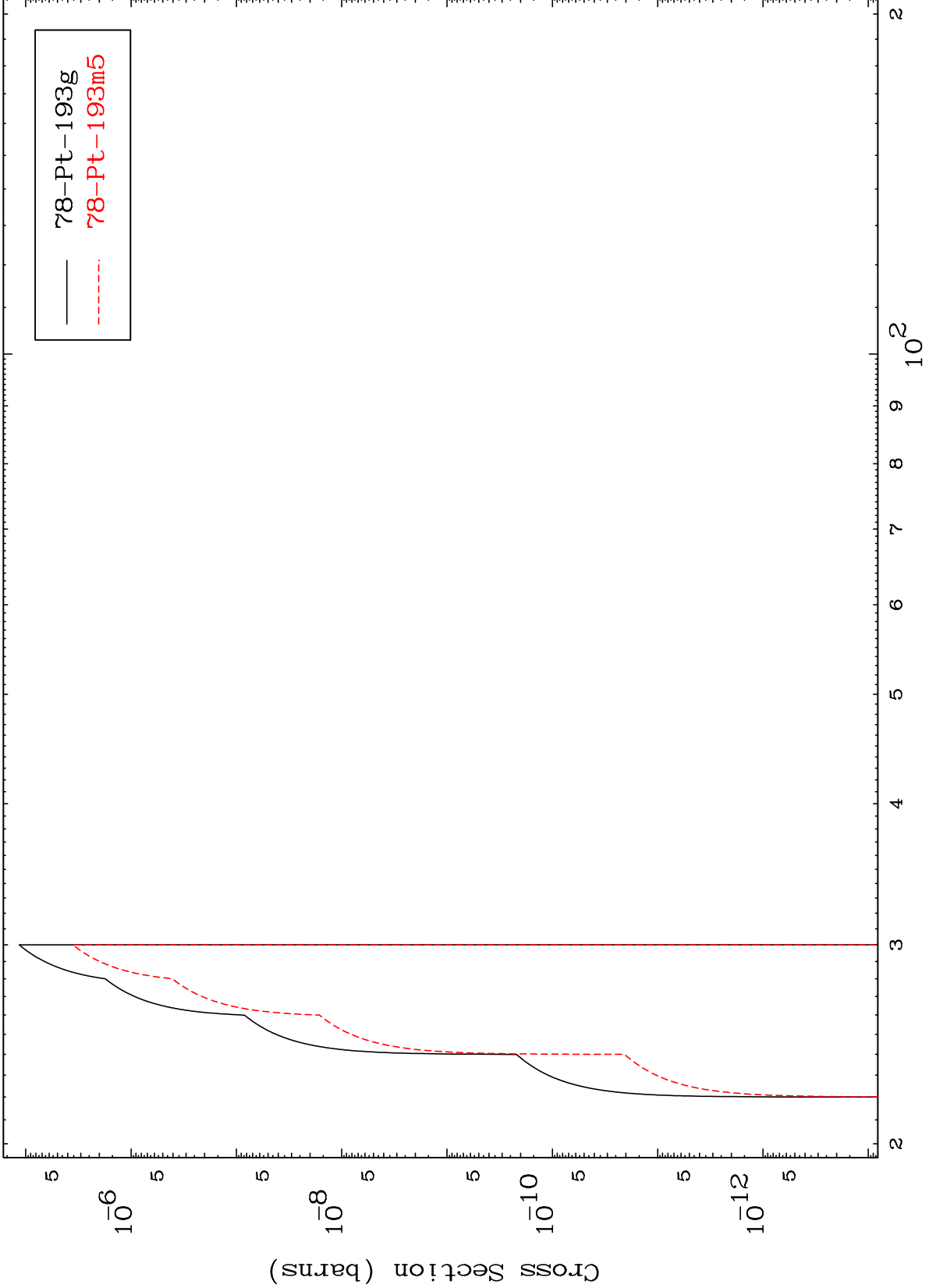


MAT 7922

$(\gamma, 2n)$  p

79-Au-196

Radionuclide Production Cross Section



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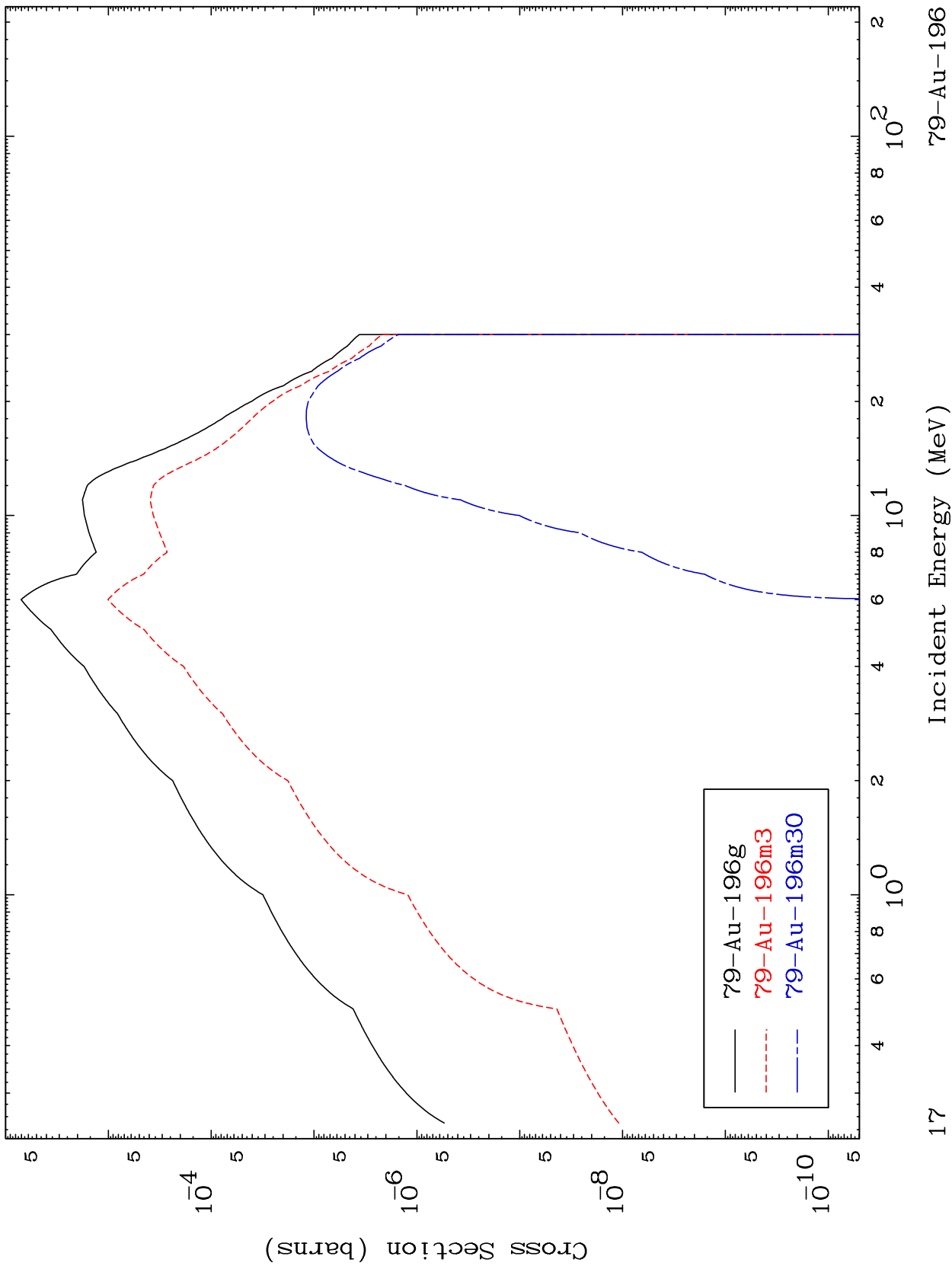
Incident Energy (MeV)

79-Au-196

MAT 7922

79-Au-196

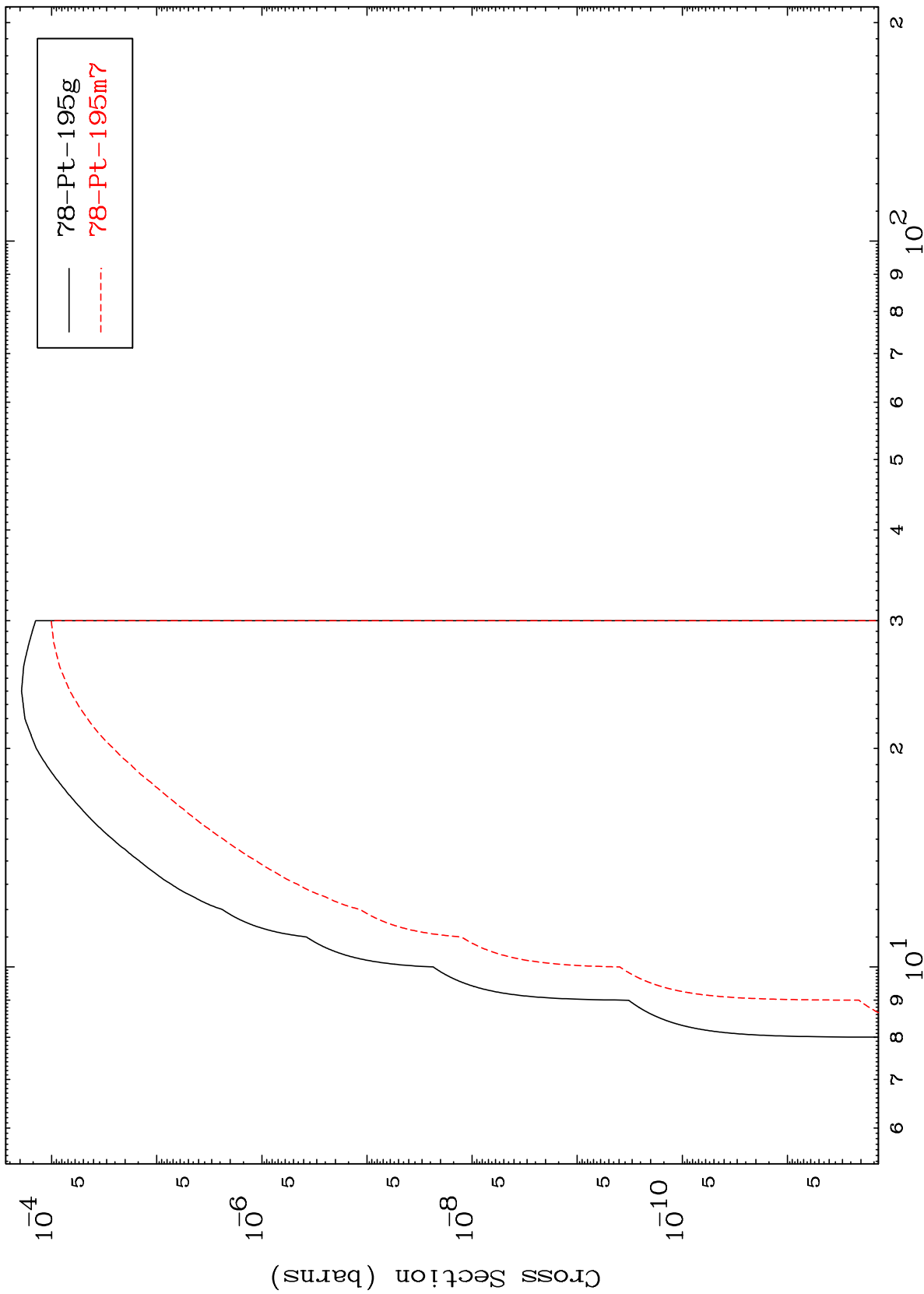
( $\gamma, \gamma$ )  
Radionuclide Production Cross Section



MAT 7922

79-Au-196

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

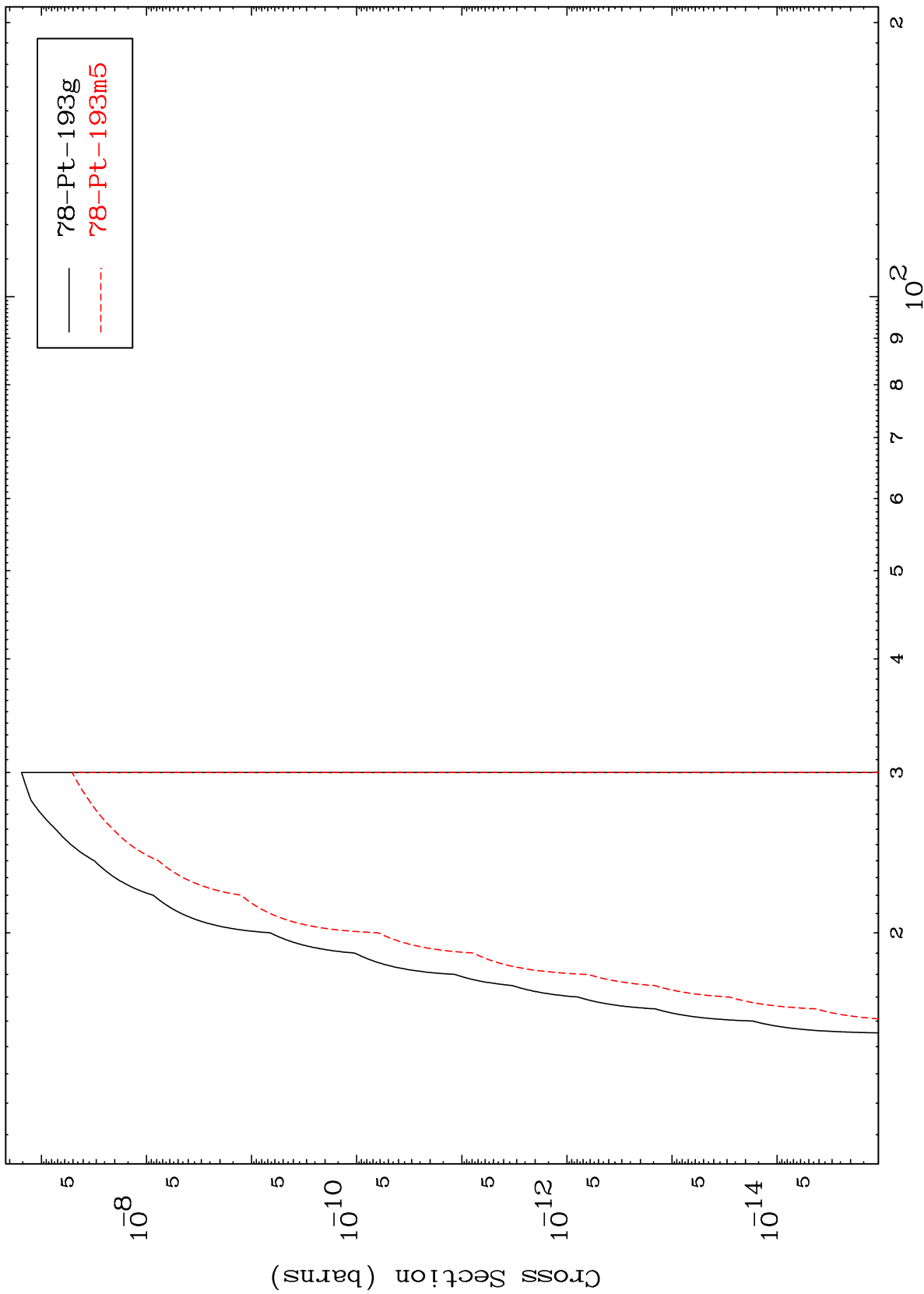


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Incident Energy (MeV)

79-Au-196

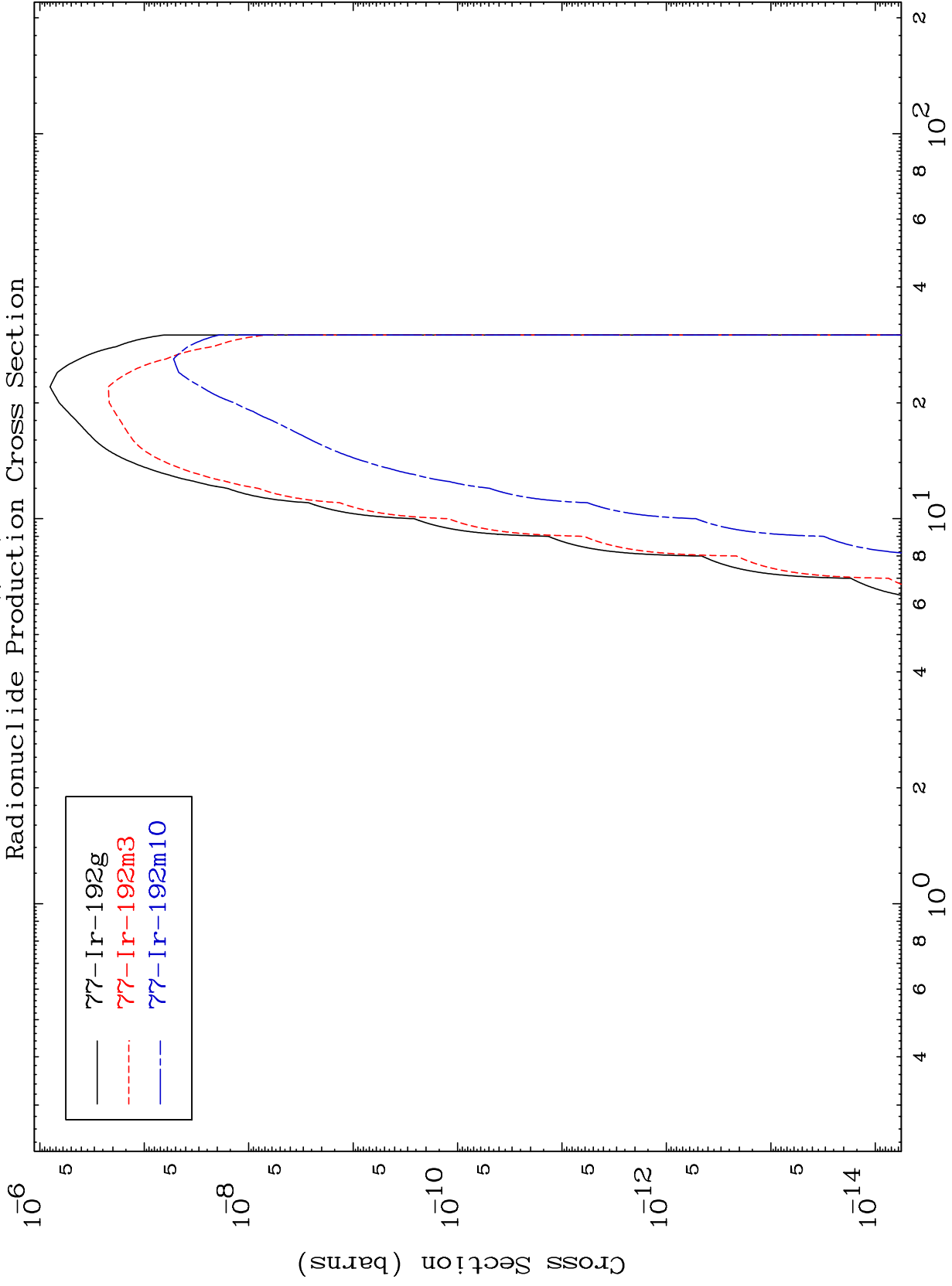
( $\gamma, t$ )  
Radionuclide Production Cross Section



MAT 7922

79-Au-196

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



20

Incident Energy (MeV)

79-Au-196