

Program EVALPLOT  
(Version 2018-1)

by

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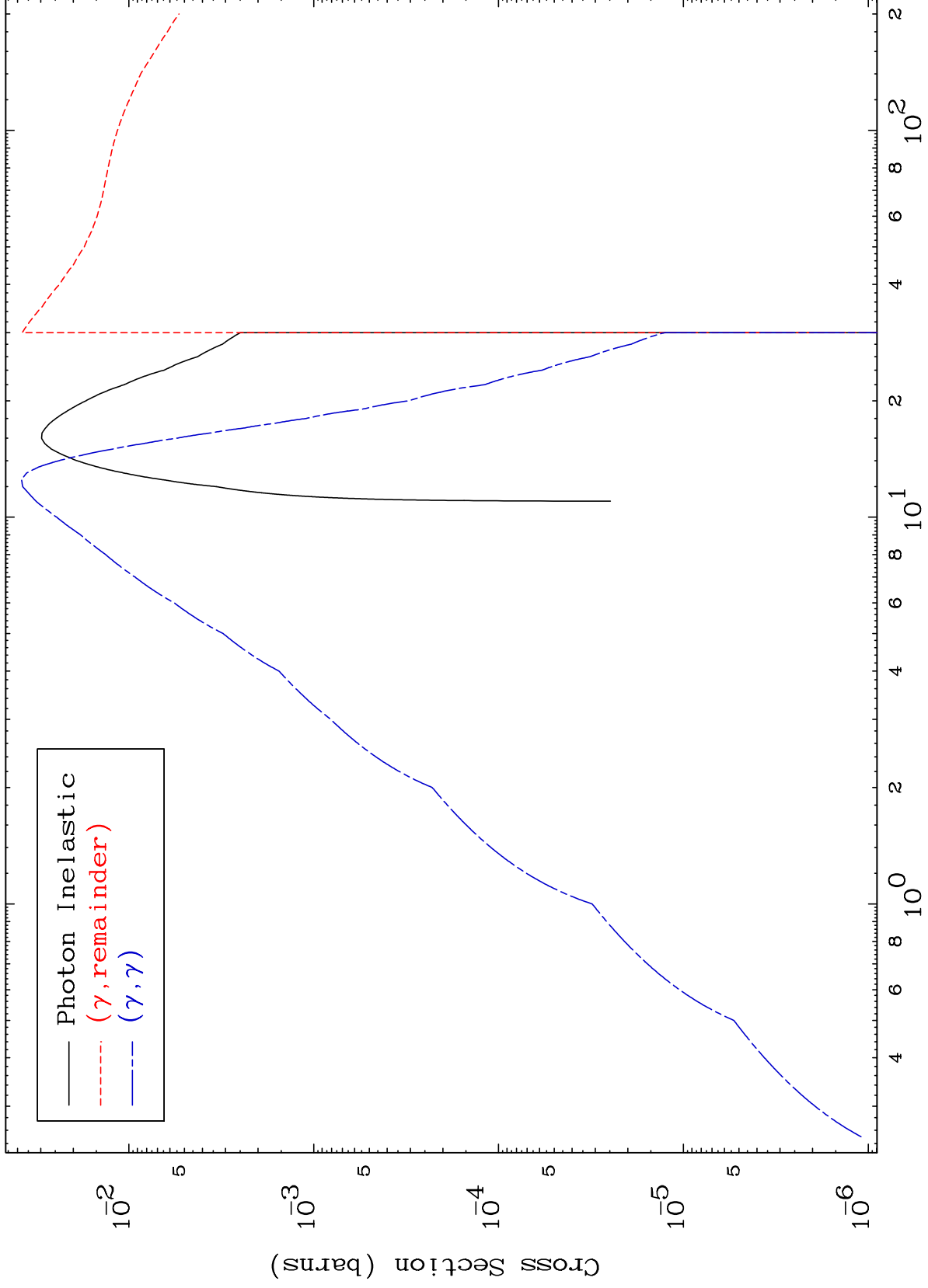
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

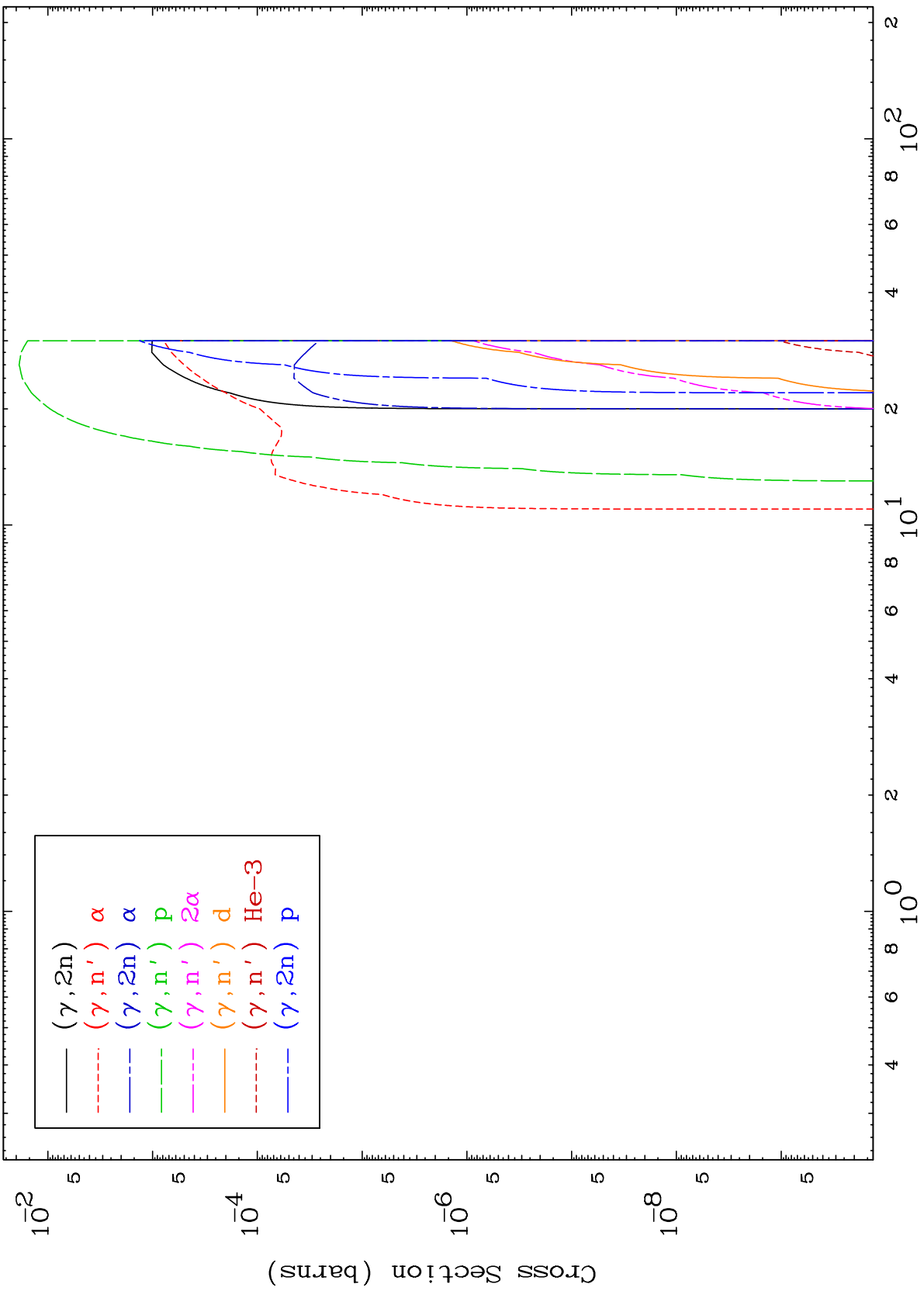
MAT 7866

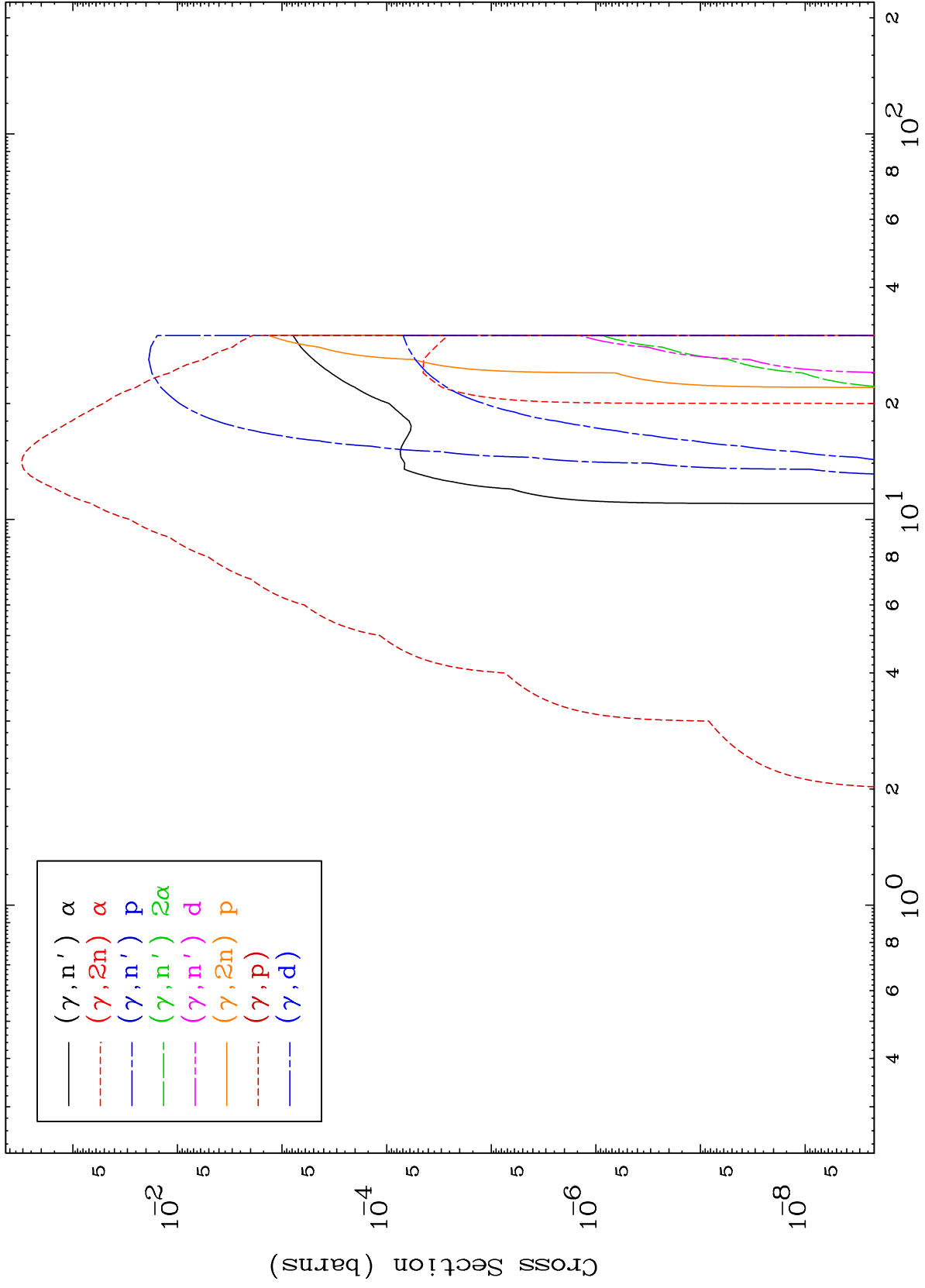
Photon Major  
0 Kelvin Cross Sections

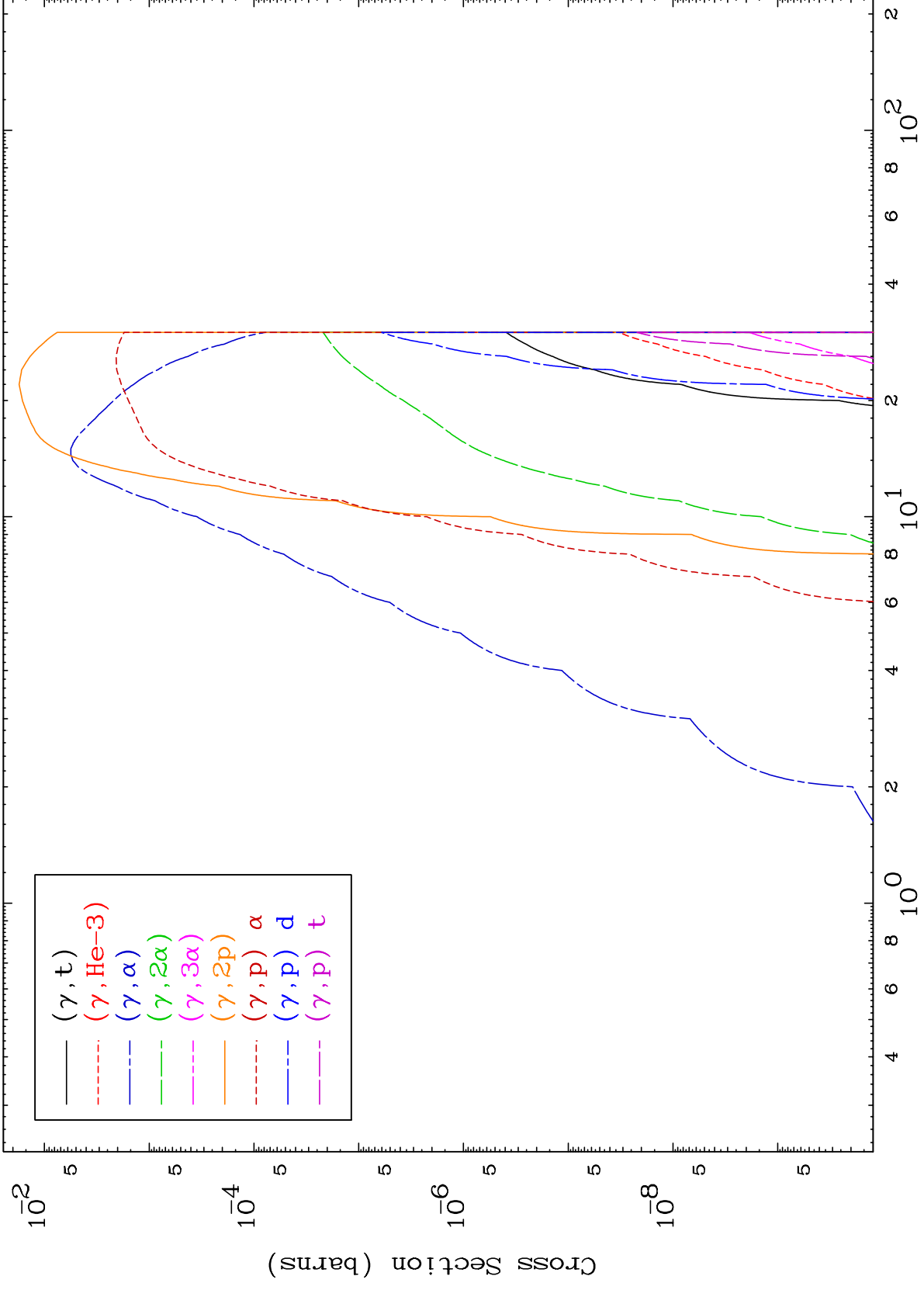
79-Au-177



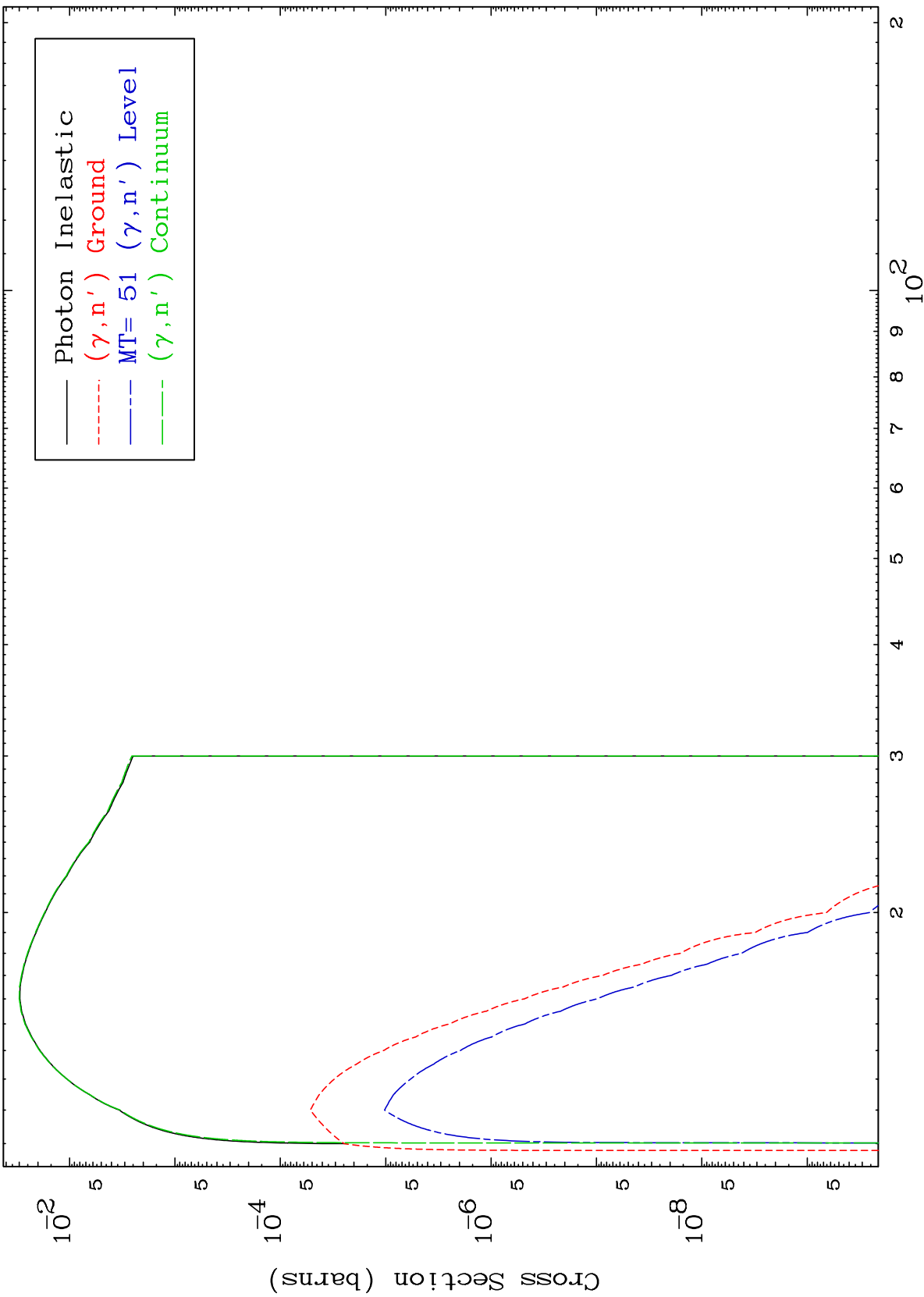
— Photon Inelastic  
- - -  $(\gamma, \text{remainder})$   
- . -  $(\gamma, \gamma)$







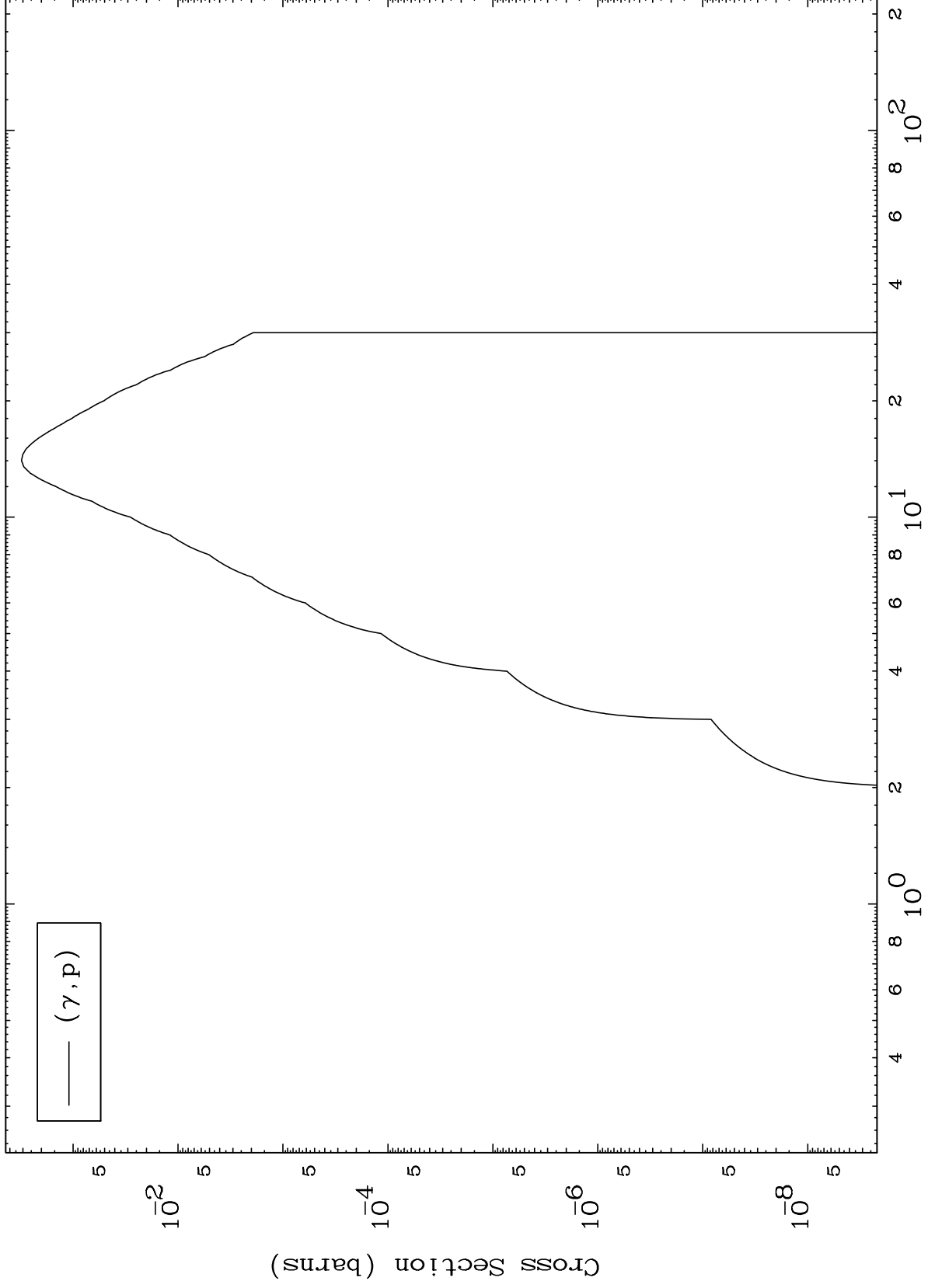
0 Kelvin Cross Sections



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

79-Au-177



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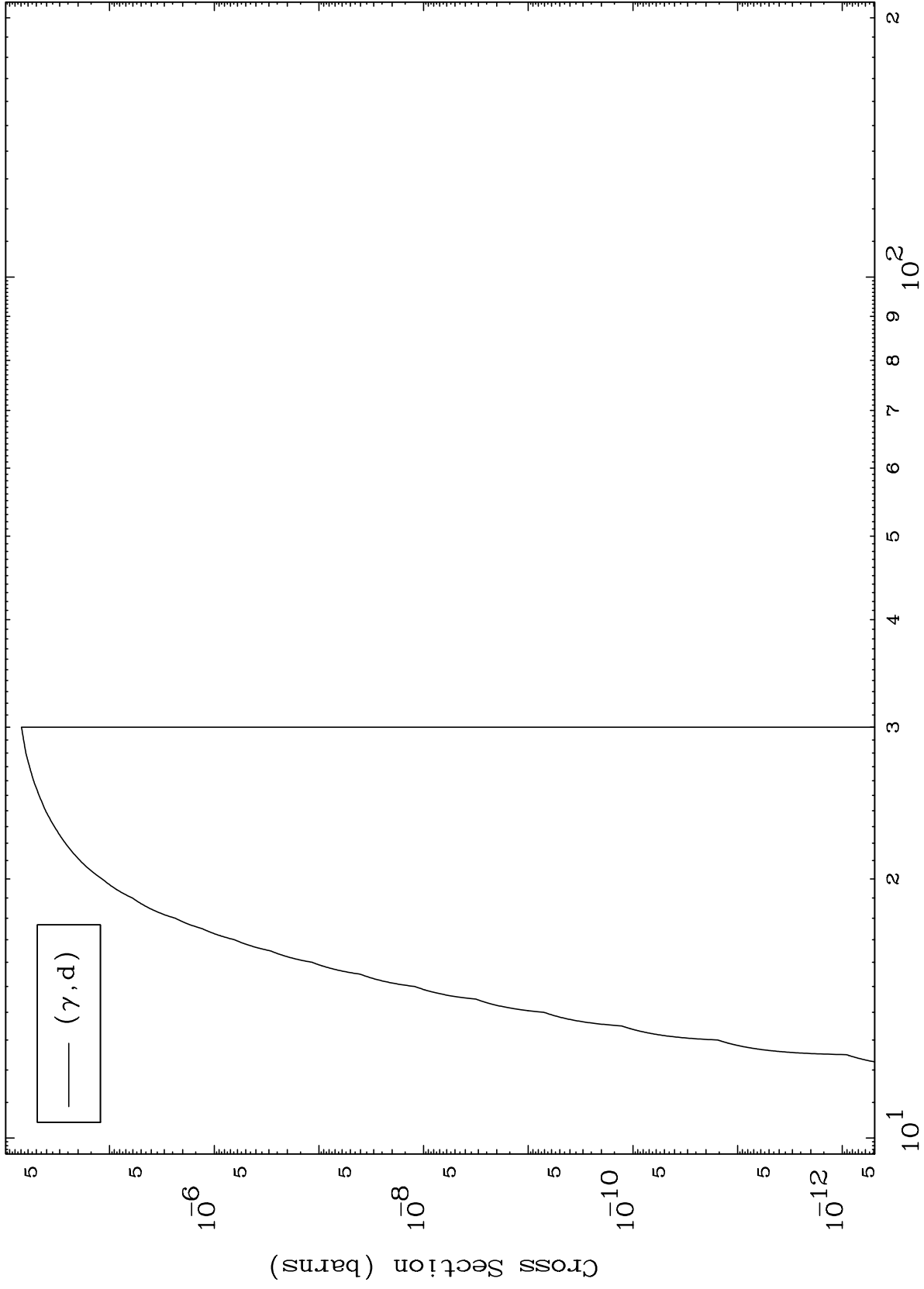
Incident Energy (MeV)

79-Au-177

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

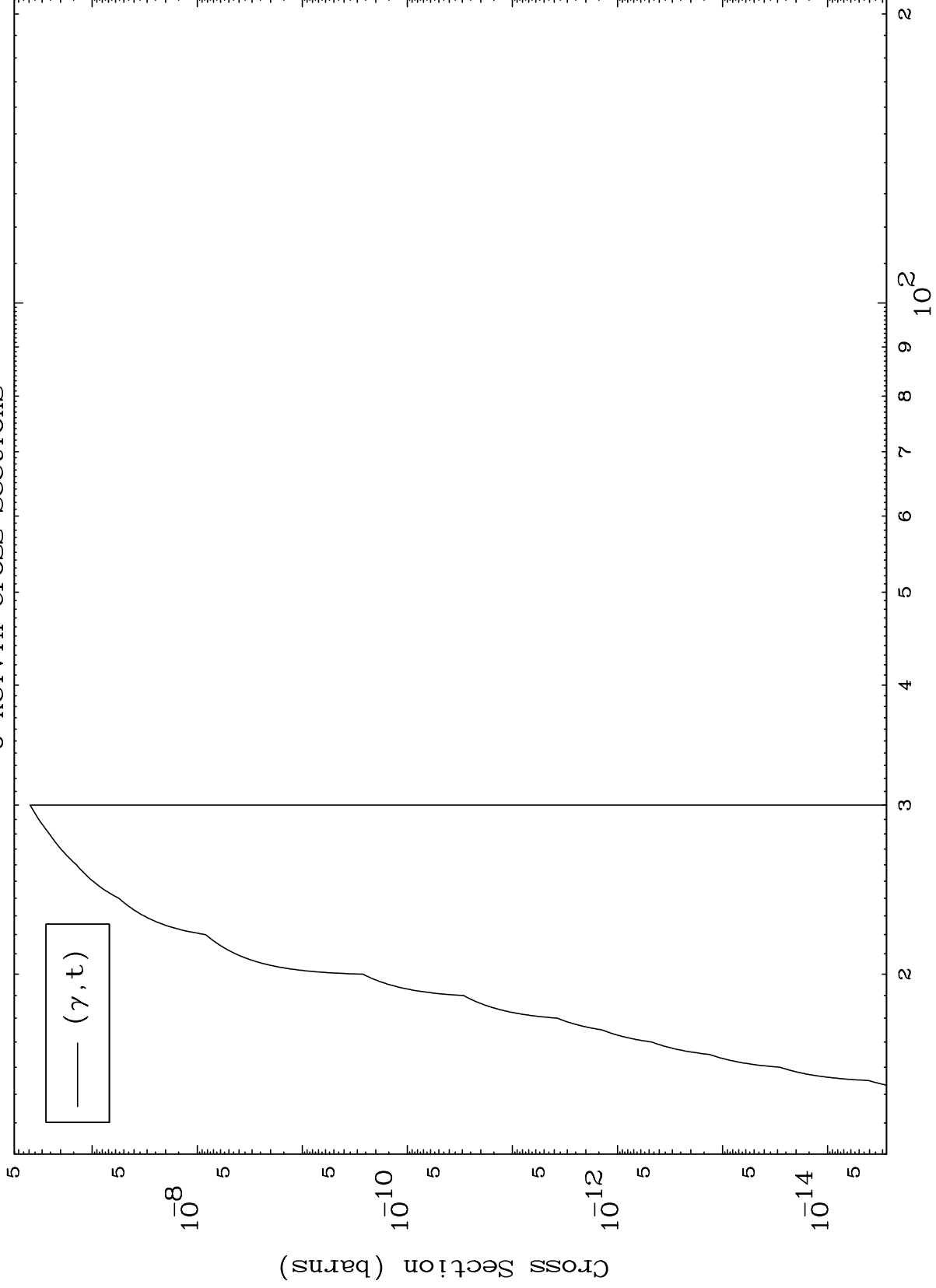
79-Au-177



Incident Energy (MeV)

79-Au-177

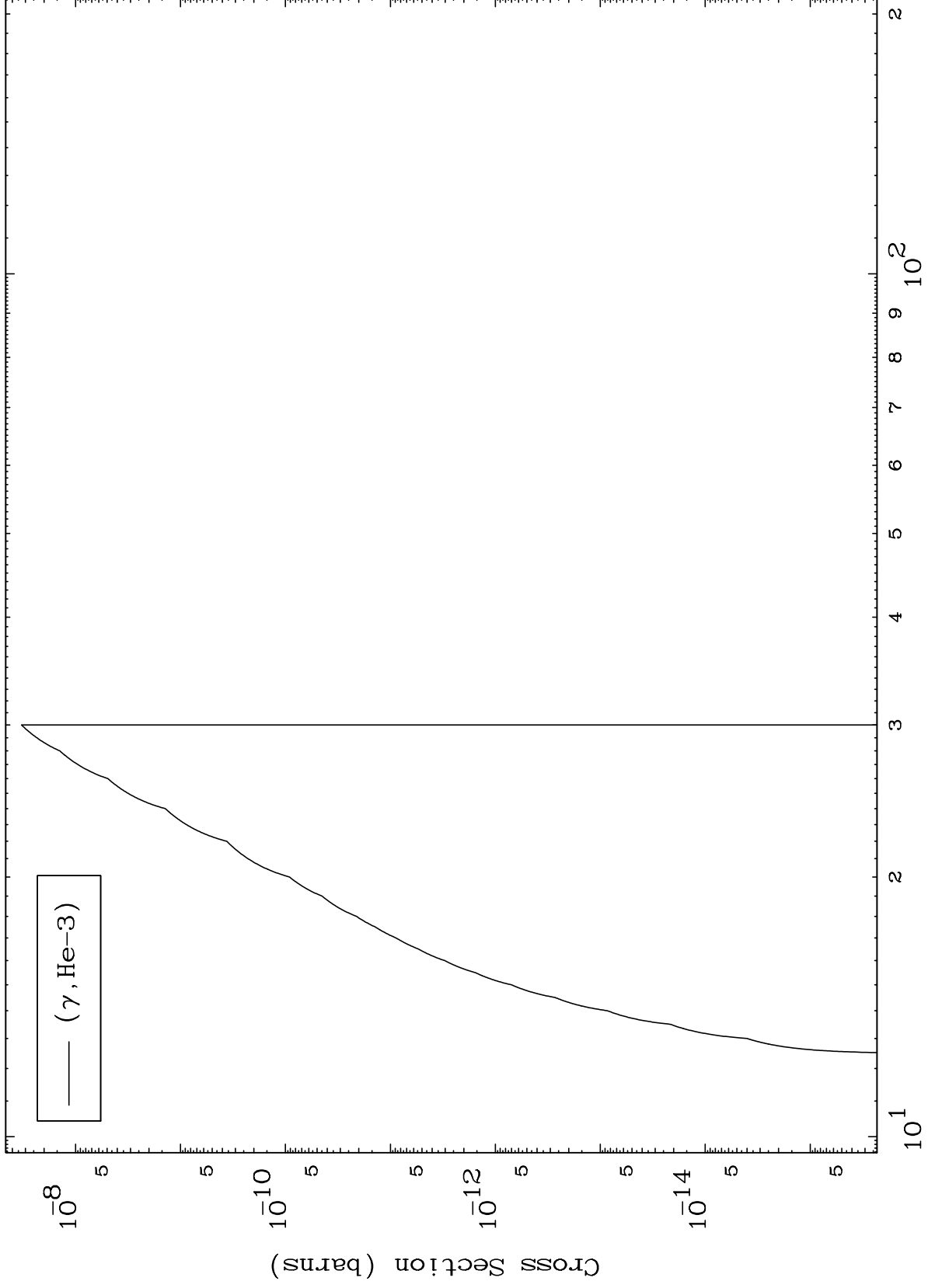




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( $\gamma$ ,He3) Levels  
0 Kelvin Cross Sections

79-Au-177



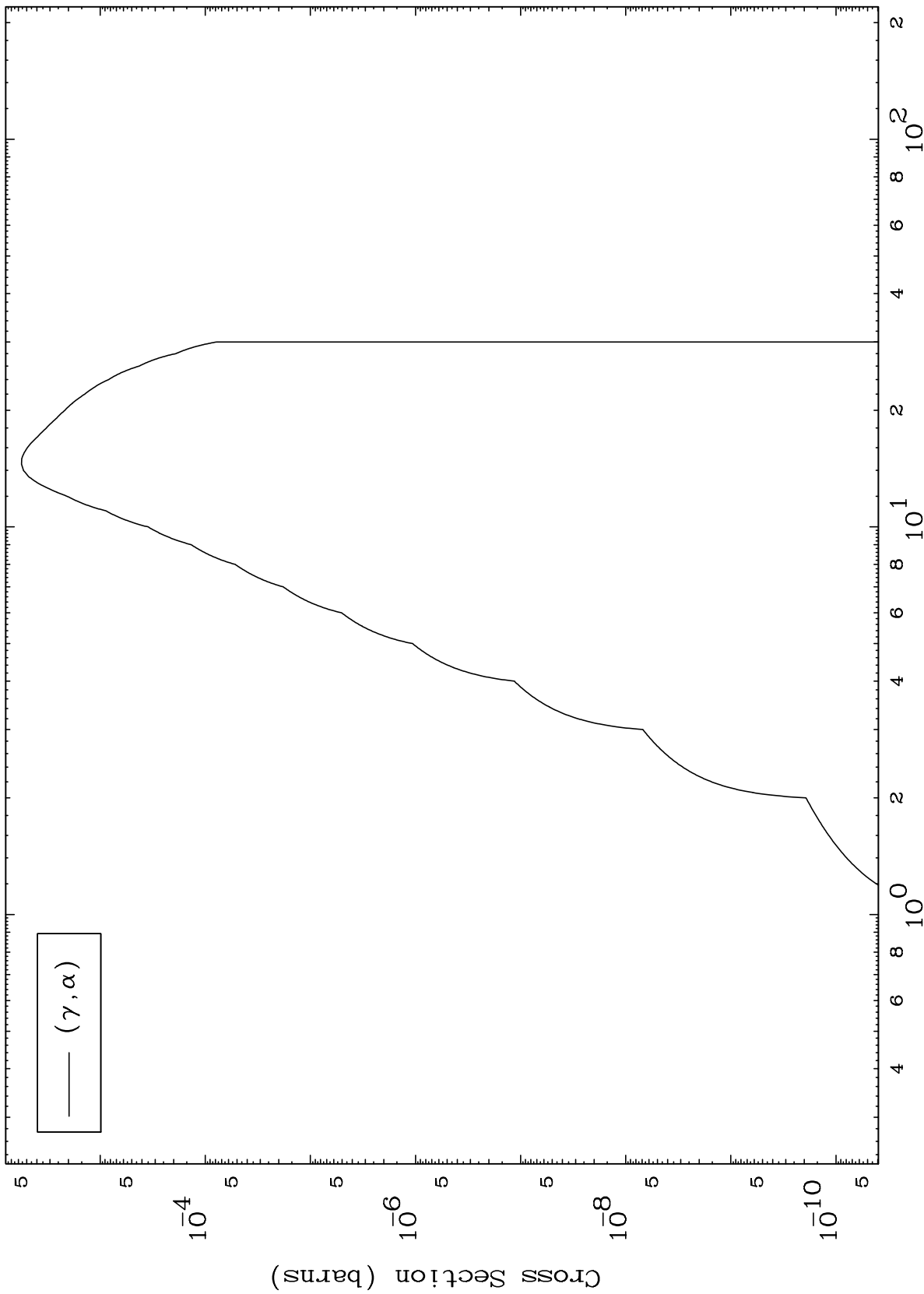
Incident Energy (MeV)

79-Au-177

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79-Au-177

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

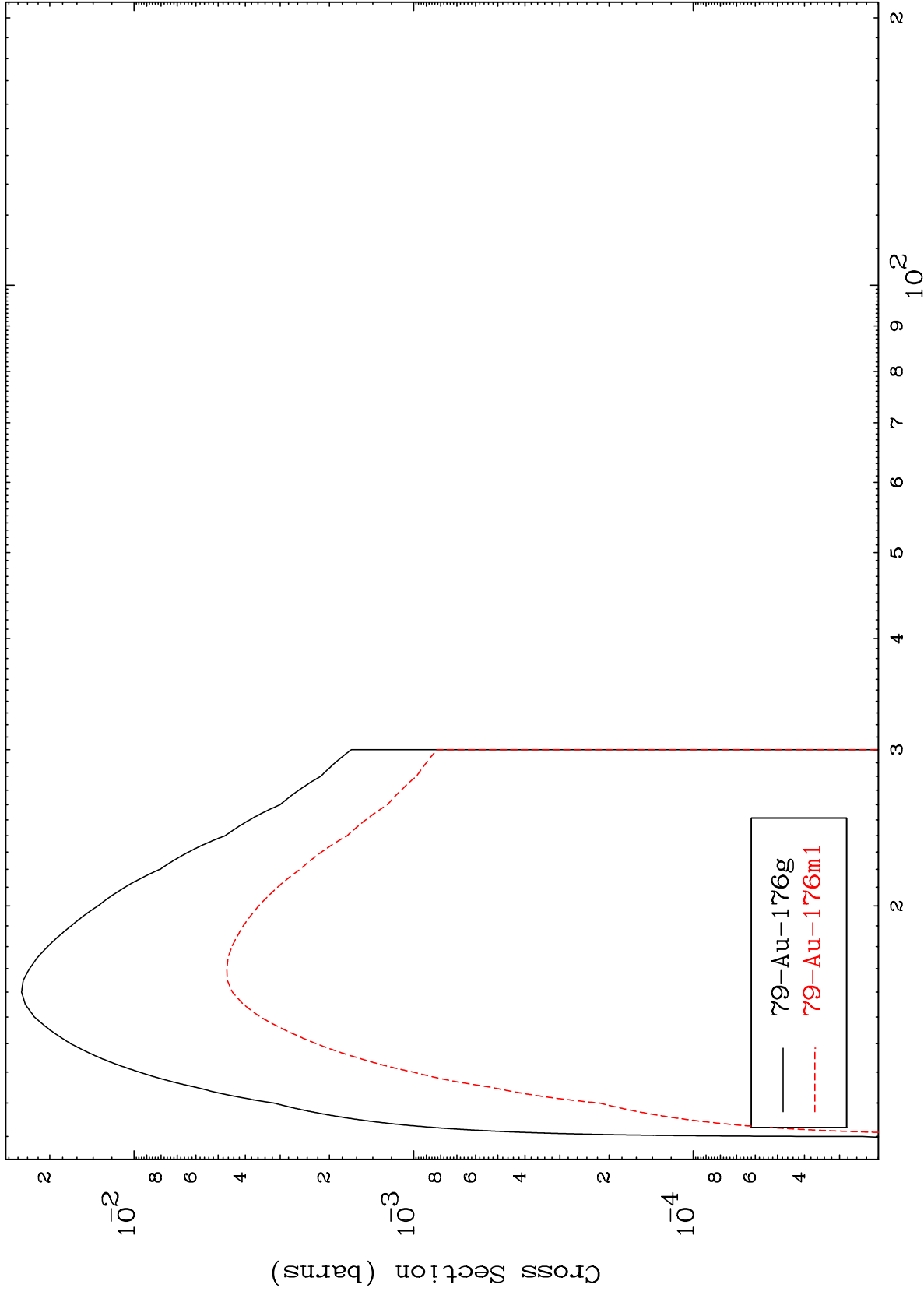


( $\gamma, \alpha$ )

79-Au-177

Incident Energy (MeV)

10

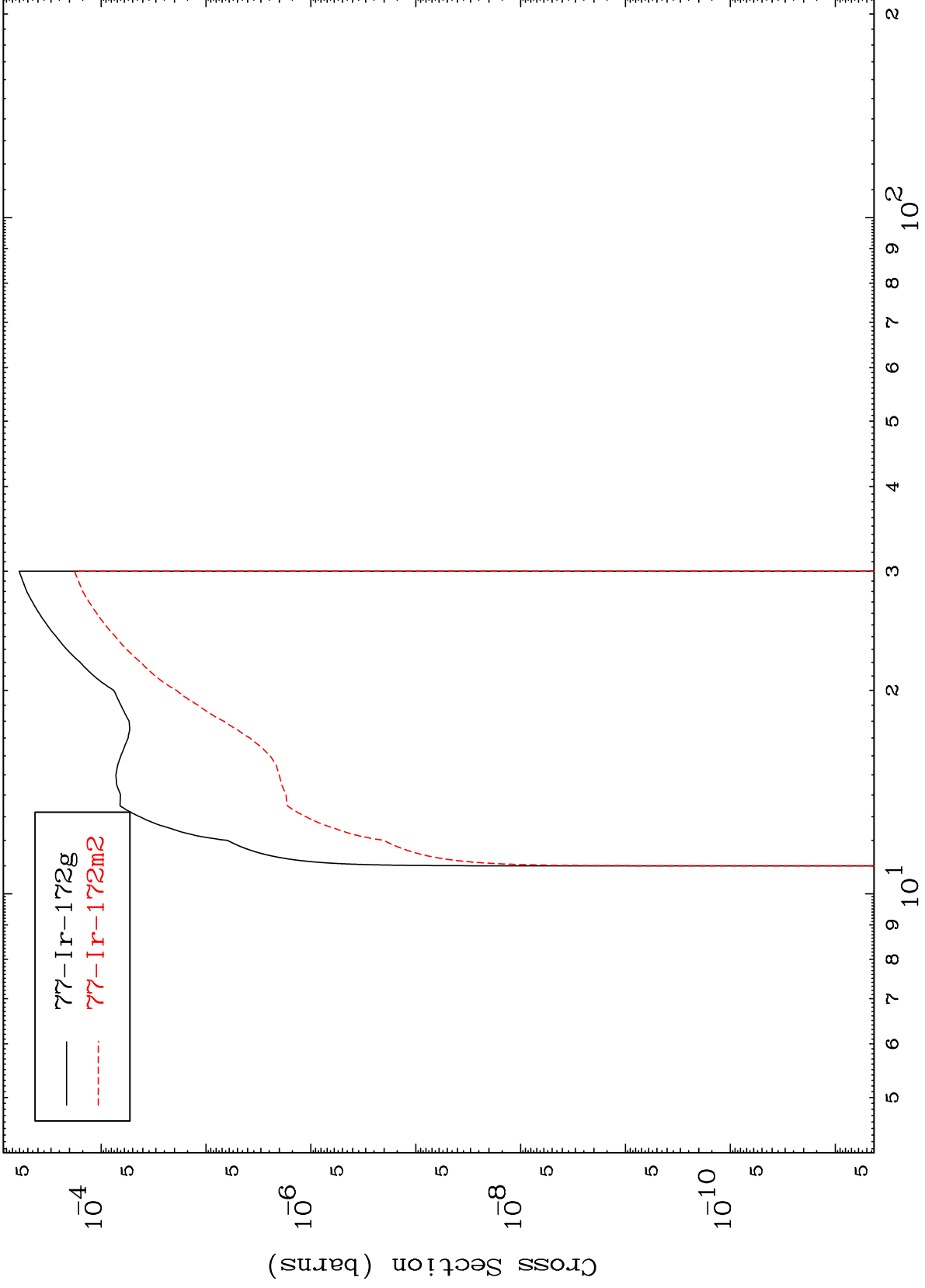


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$(\gamma, n')$   $\alpha$

$^{79}\text{Au-177}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

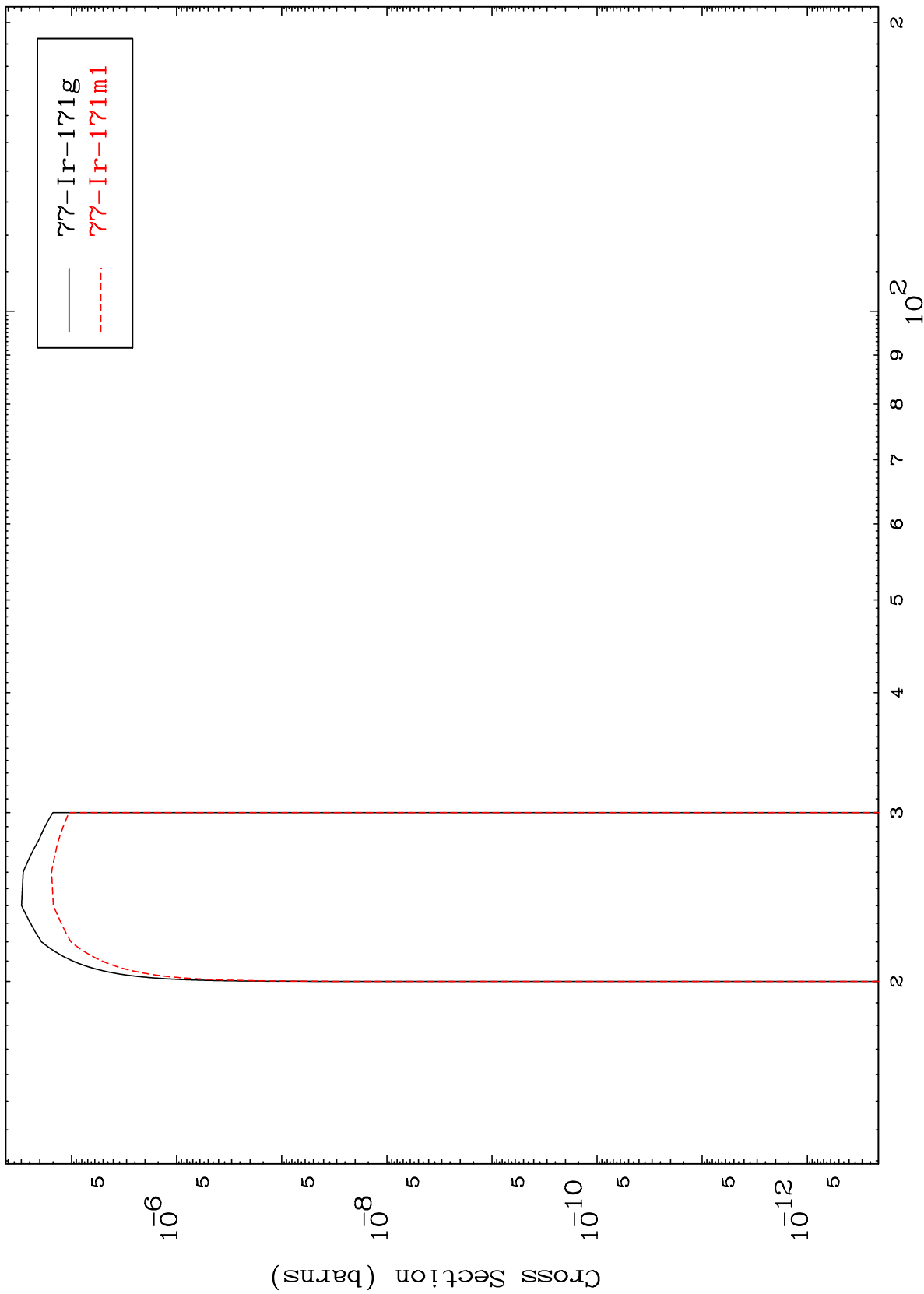
$^{79}\text{Au-177}$

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$(\gamma, 2n) \alpha$

$^{79}\text{Au-177}$

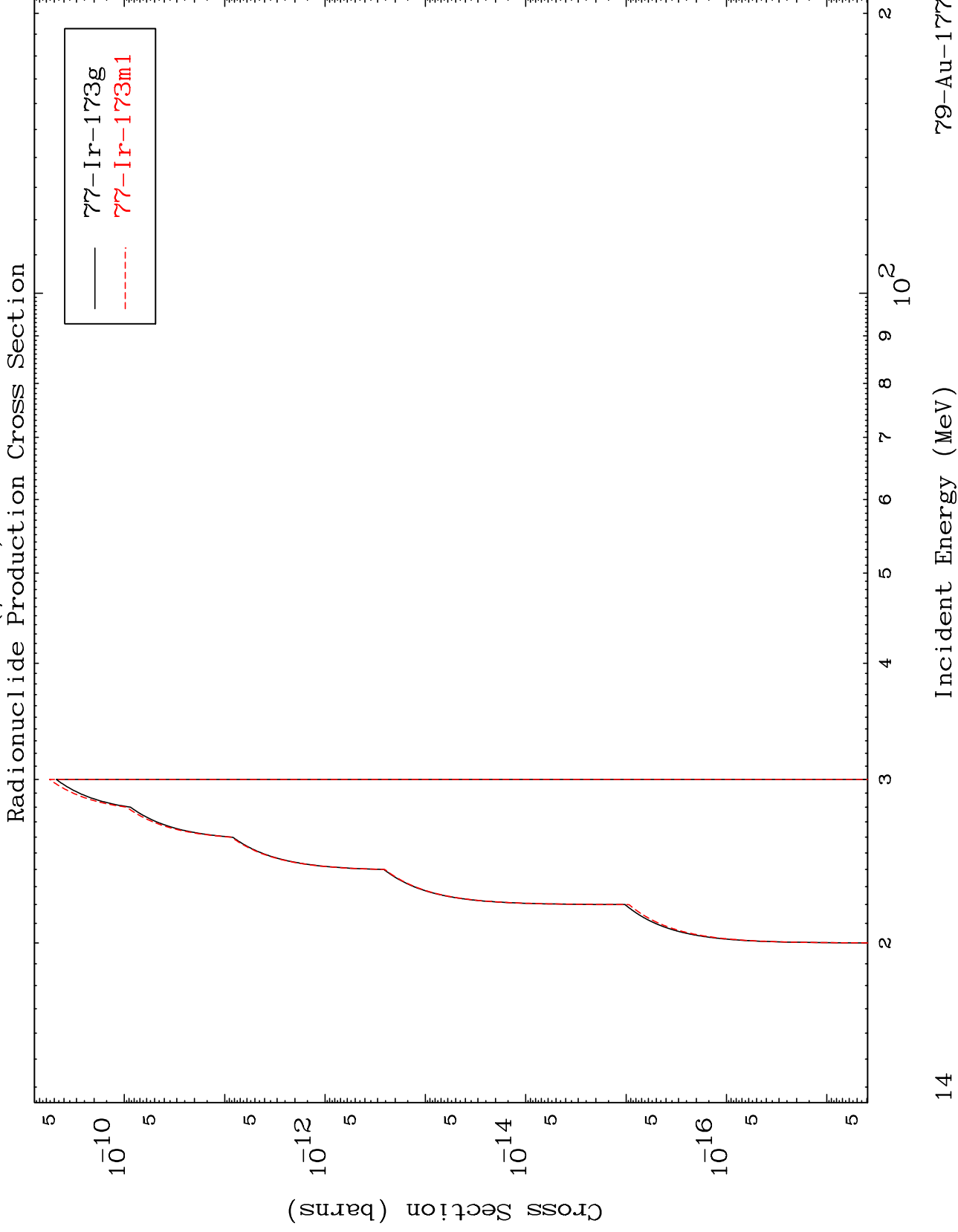
Radionuclide Production Cross Section



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( $\gamma, n'$ ) He-3

79-Au-177

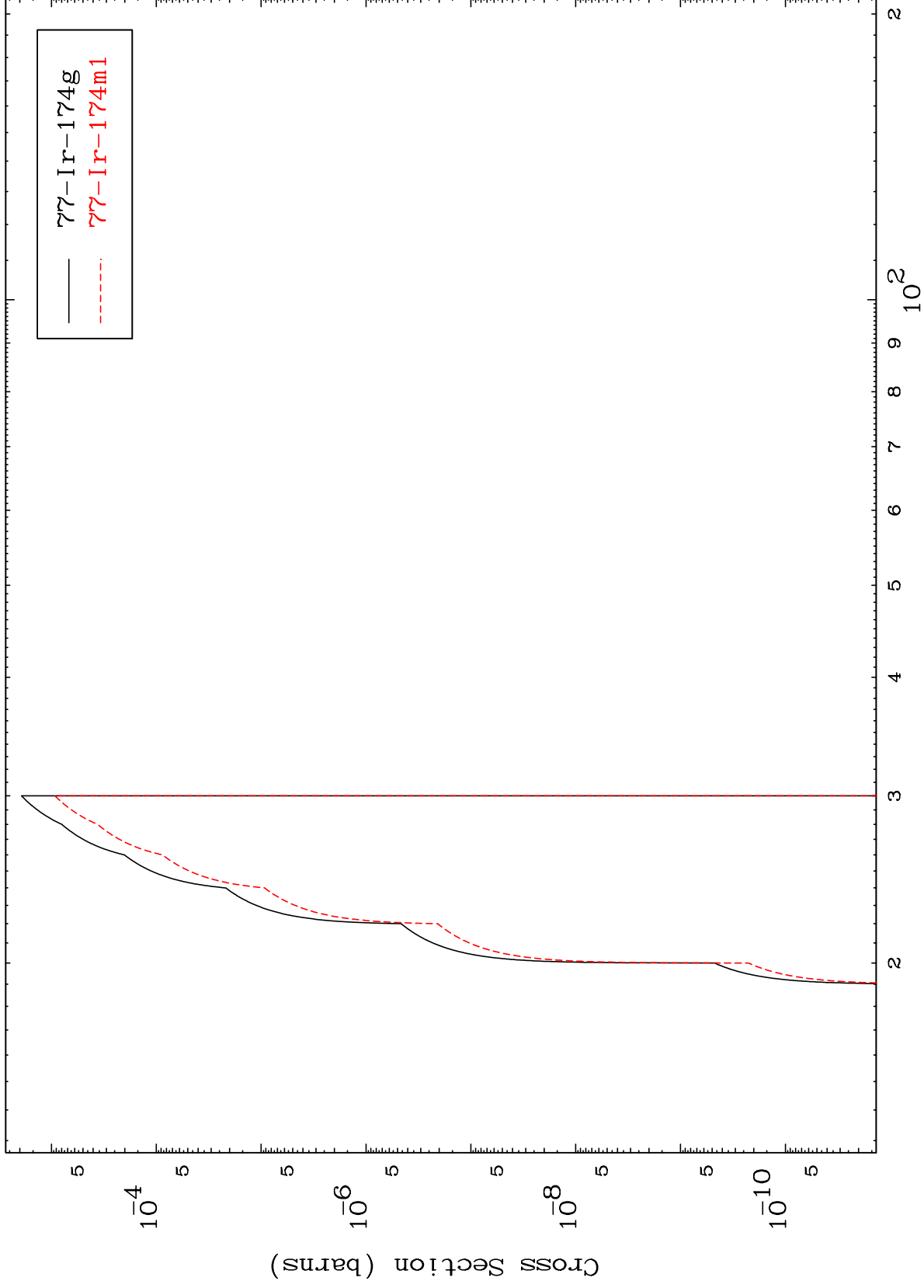


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$(\gamma, 2n)$  p

<sup>79</sup>Au-177

Radionuclide Production Cross Section



15

Incident Energy (MeV)

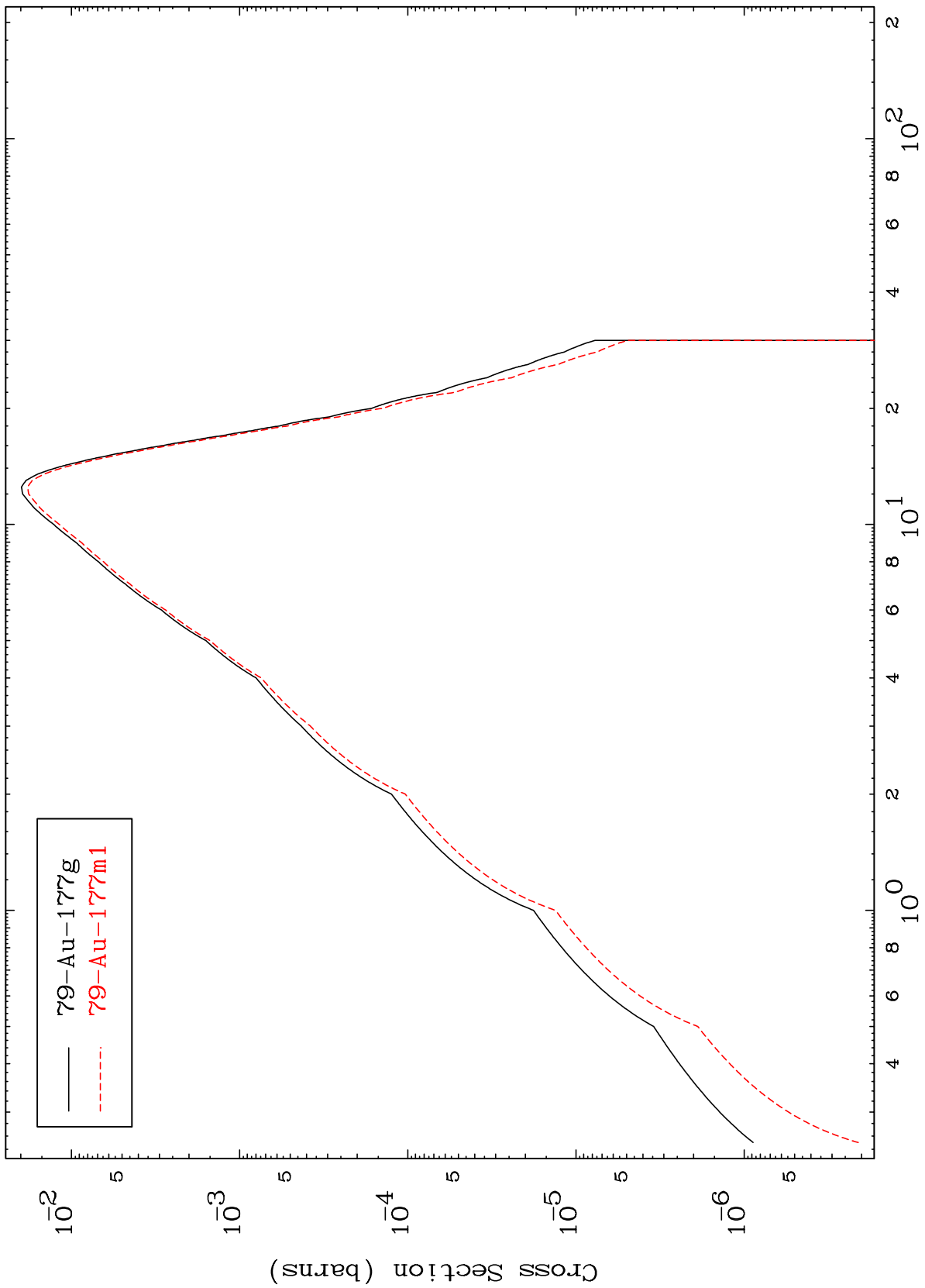
<sup>79</sup>Au-177



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<sup>79</sup>Au-177

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



— 79-Au-177g  
- - - 79-Au-177m1

<sup>79</sup>Au-177

Incident Energy (MeV)

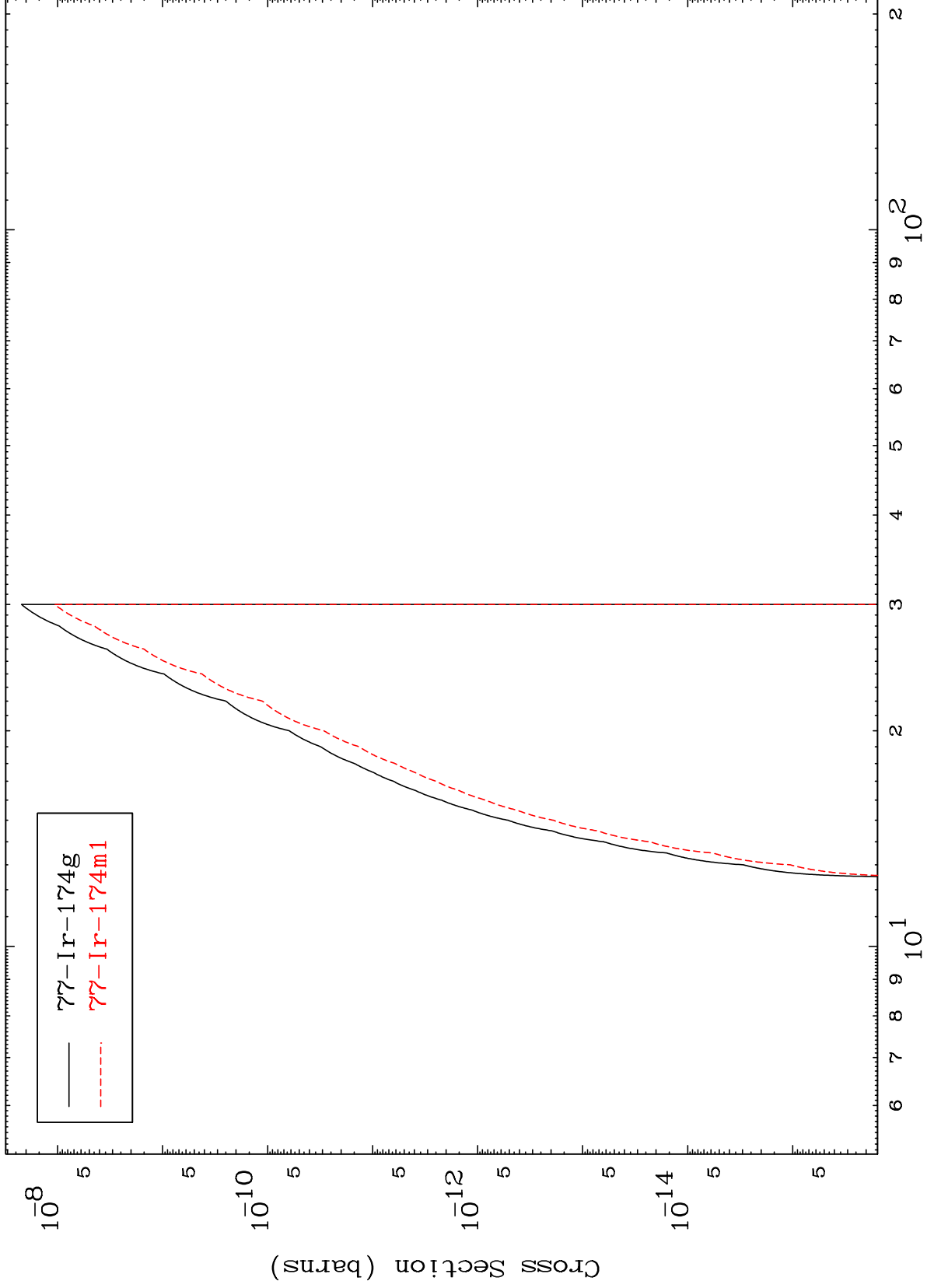
16

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( $\gamma, \text{He-3}$ )

<sup>79</sup>Au-177

Radionuclide Production Cross Section



17

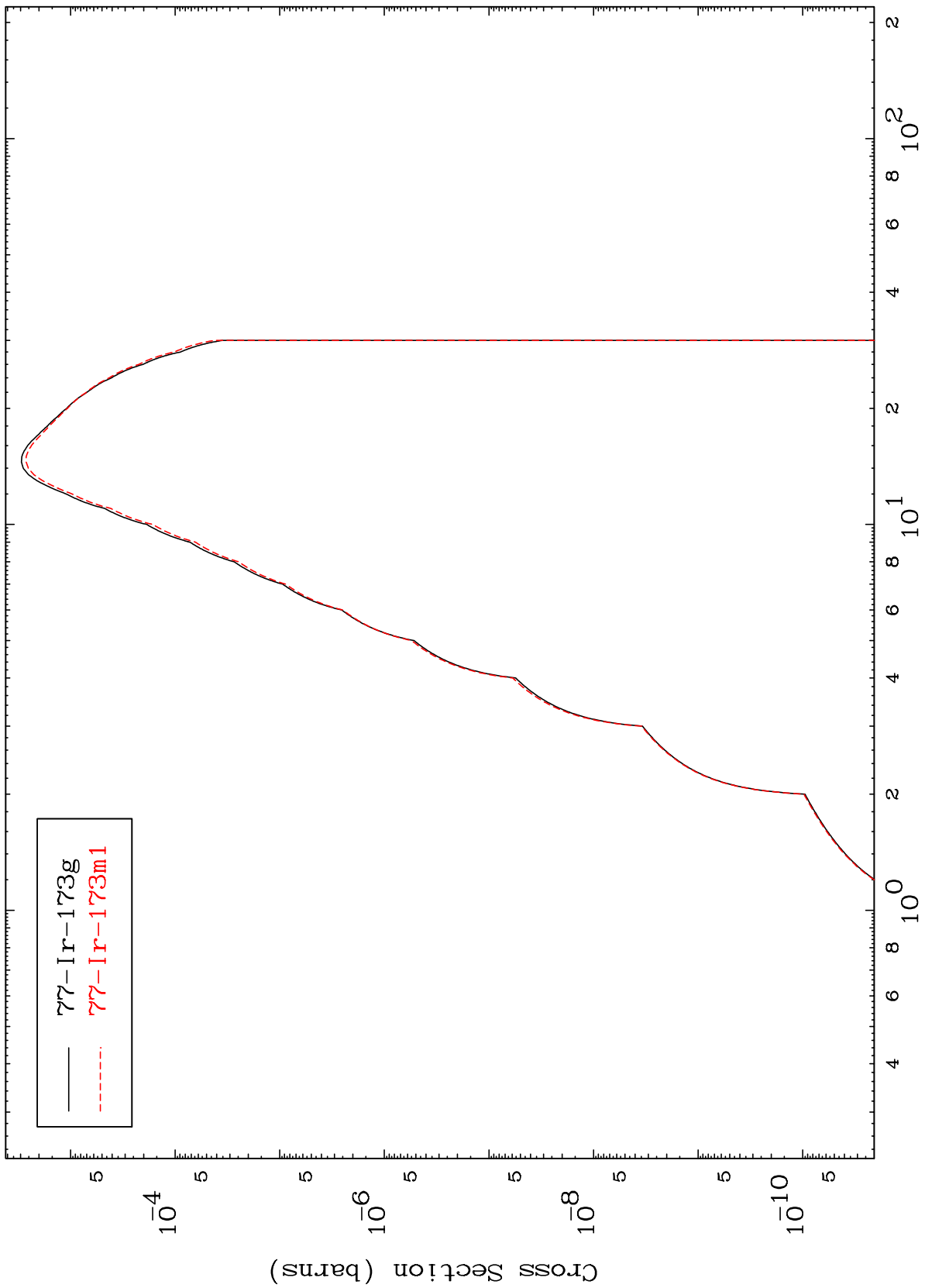
Incident Energy (MeV)

<sup>79</sup>Au-177

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<sup>79</sup>Au-177

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



— <sup>77</sup>Ir-173g  
- - - <sup>77</sup>Ir-173m1

<sup>79</sup>Au-177

Incident Energy (MeV)

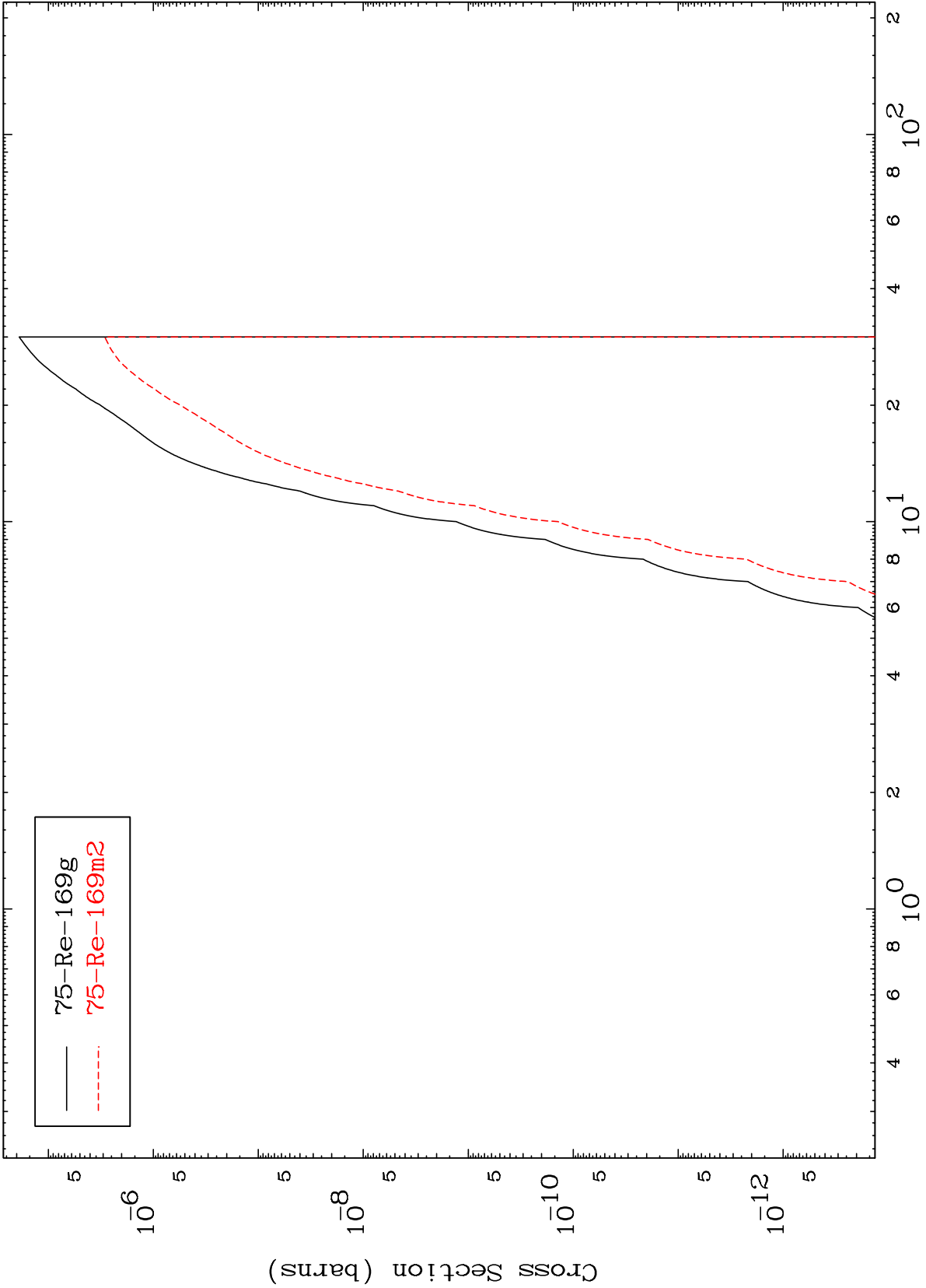
18

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( $\gamma, 2\alpha$ )

<sup>79</sup>Au-177

Radionuclide Production Cross Section

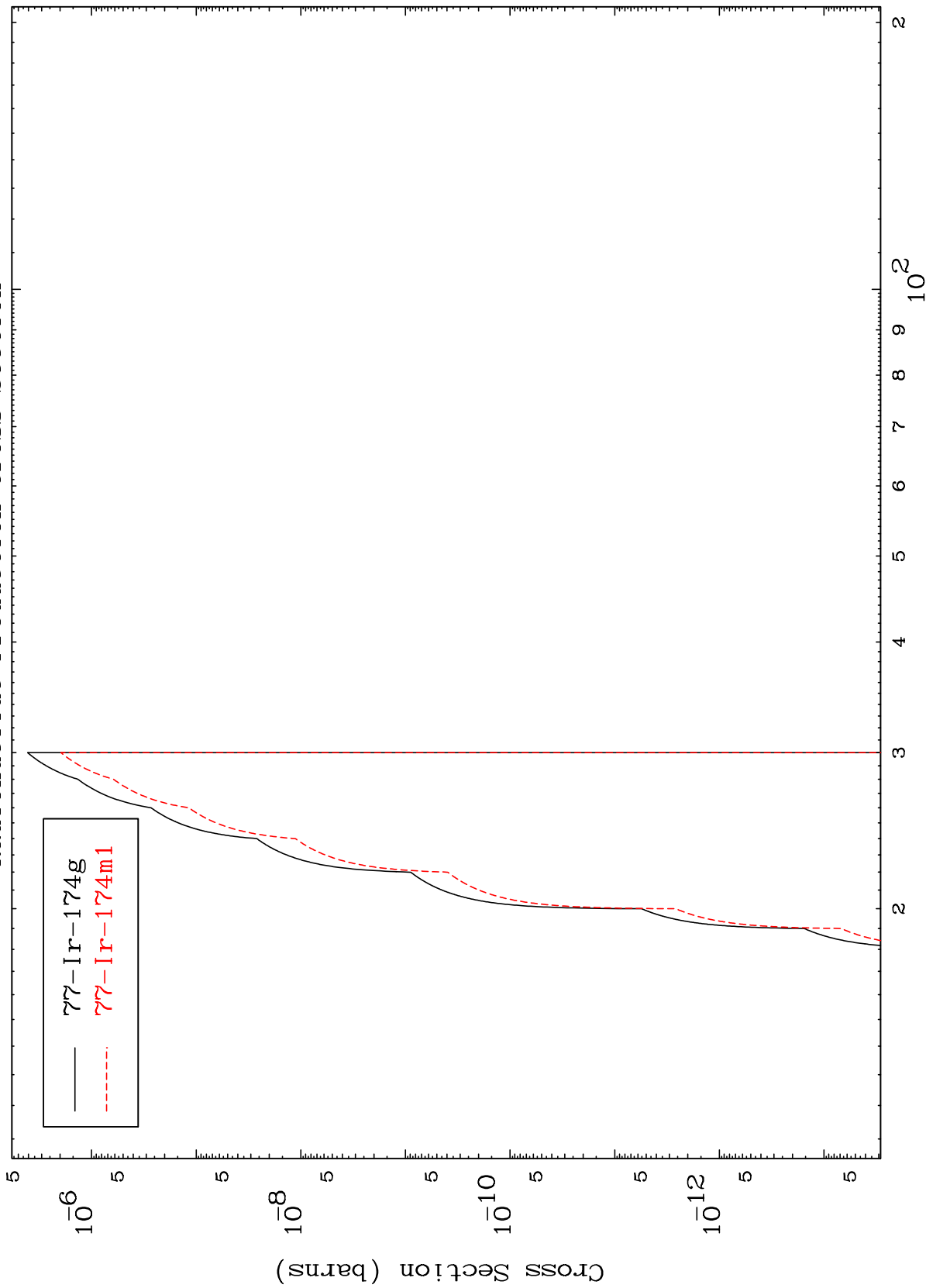


MAT 7866

( $\gamma, p$ ) d

<sup>79</sup>Au-177

Radionuclide Production Cross Section



Incident Energy (MeV)

<sup>79</sup>Au-177

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