

Program EVALPLOT  
(Version 2021-1)

by

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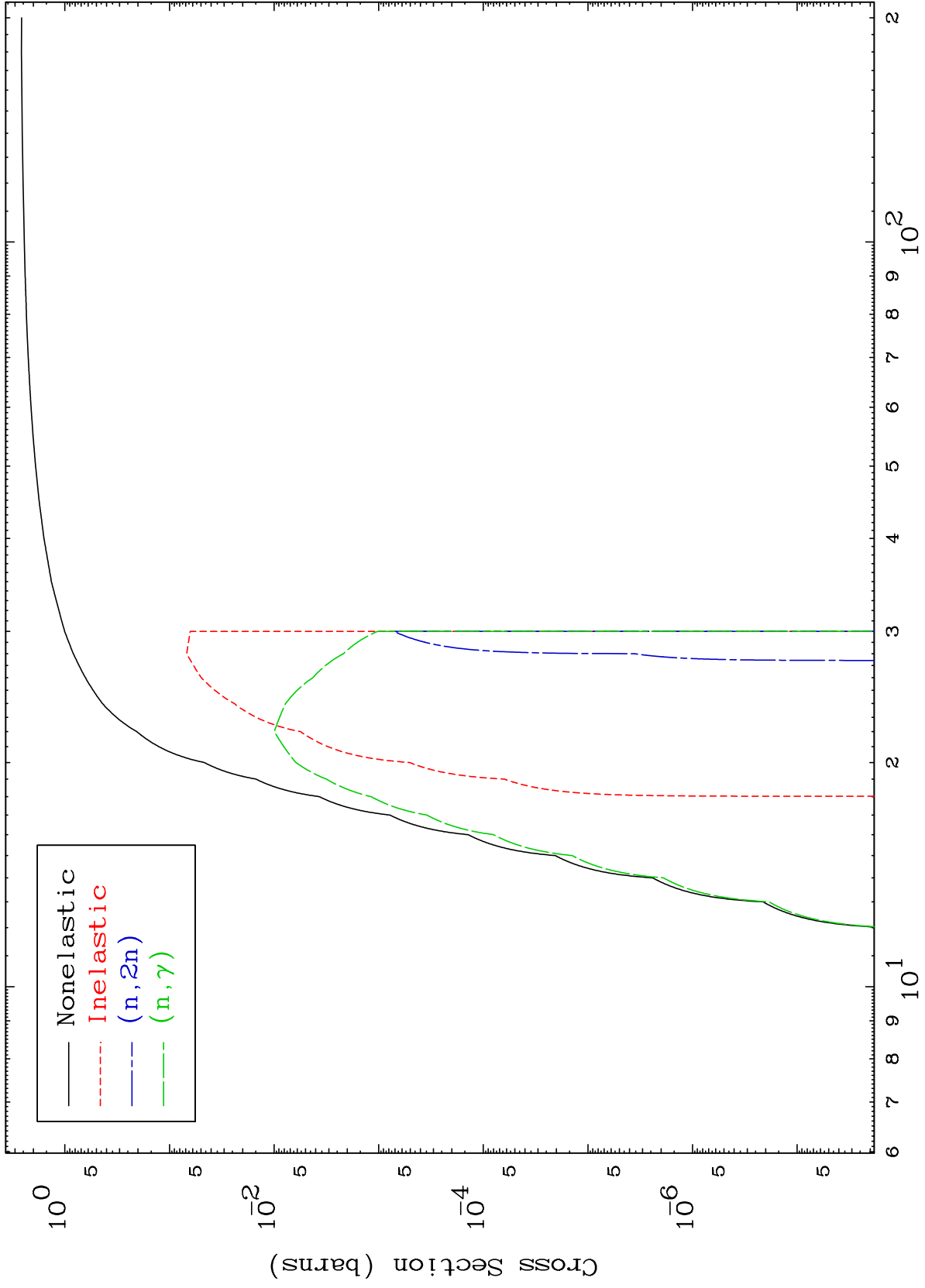
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7866

0 Kelvin Cross Sections

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



1

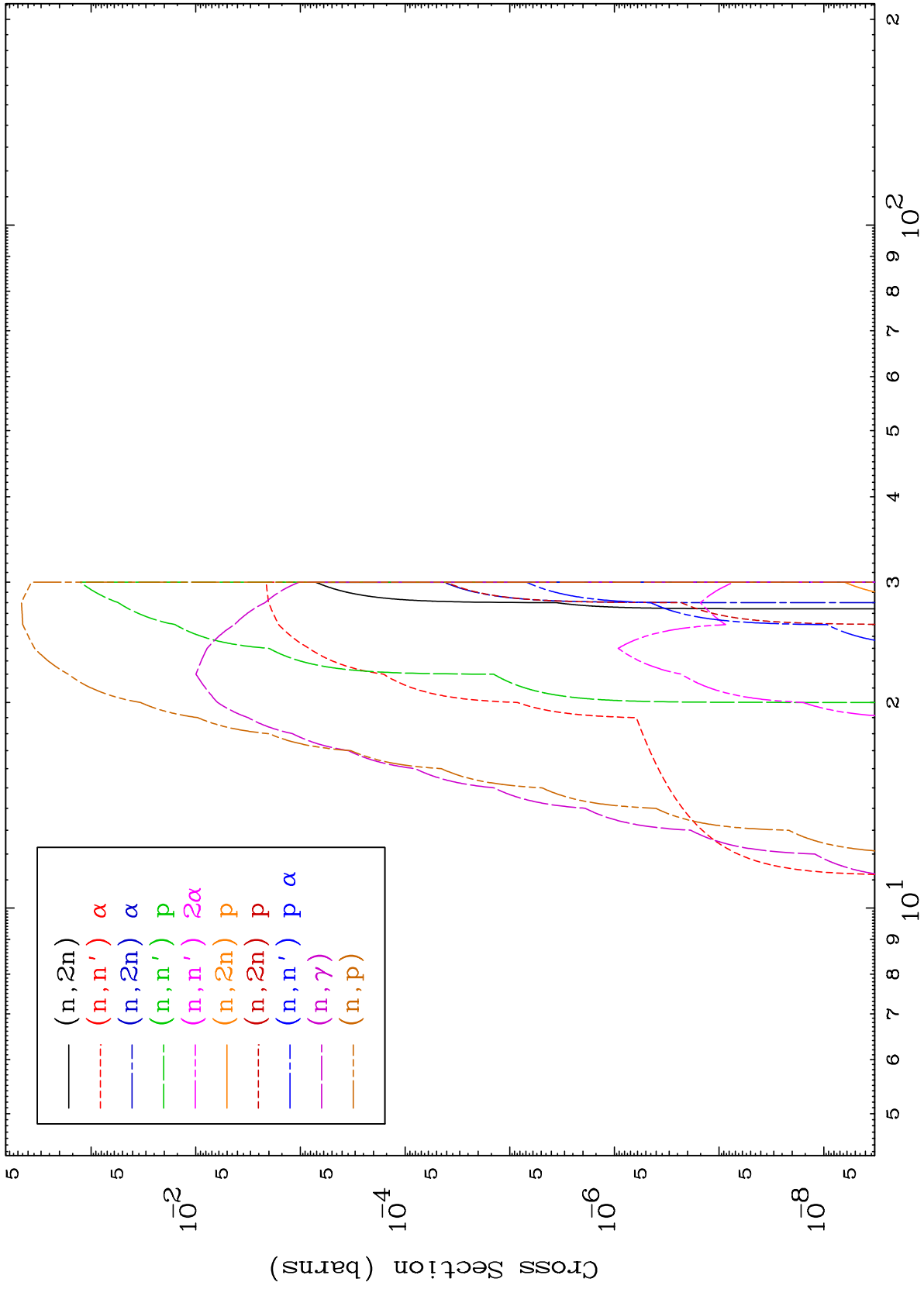
Incident Energy (MeV)

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

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$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

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



Incident Energy (MeV)

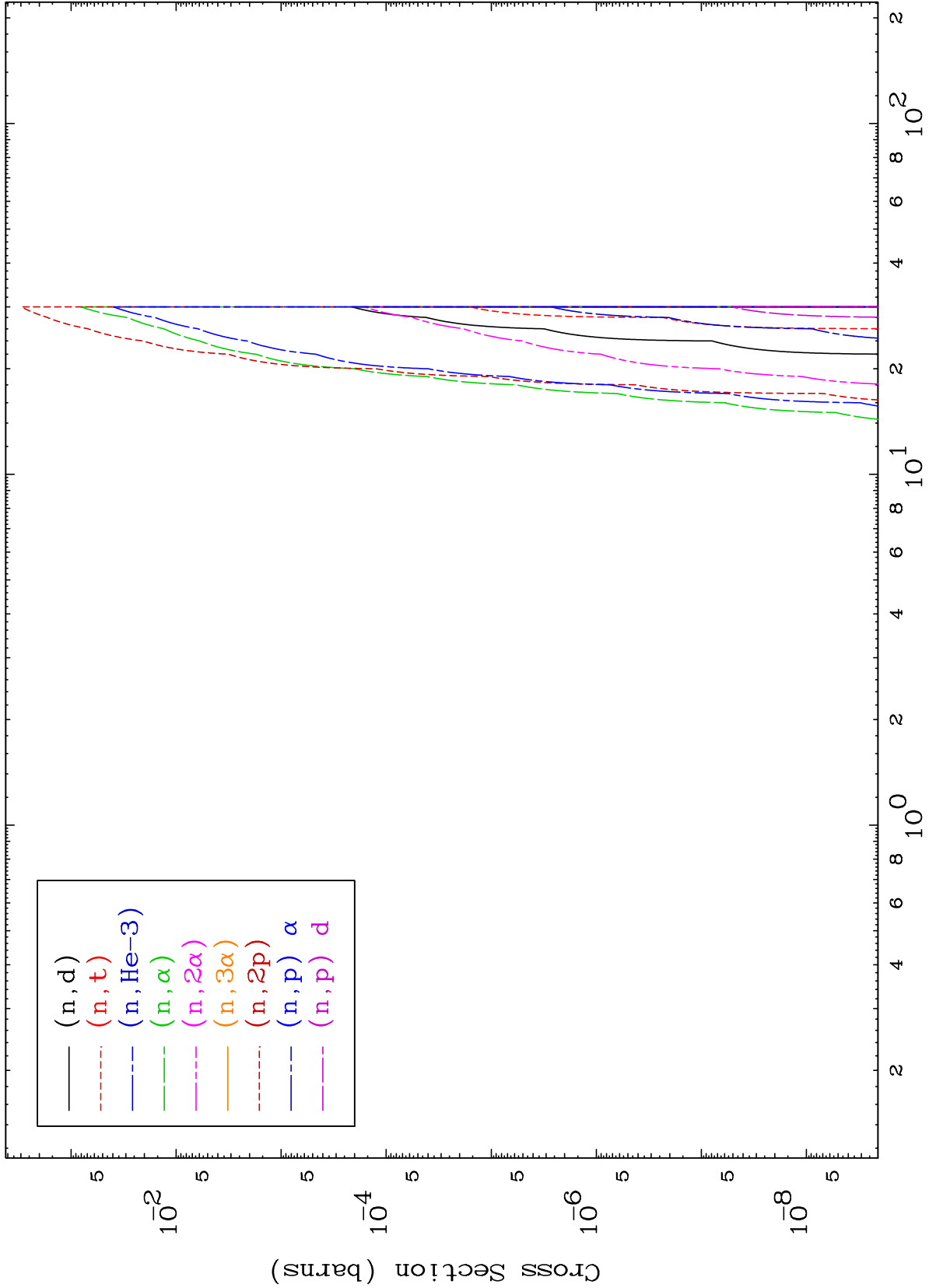
$^{79}\text{Au-177m}$

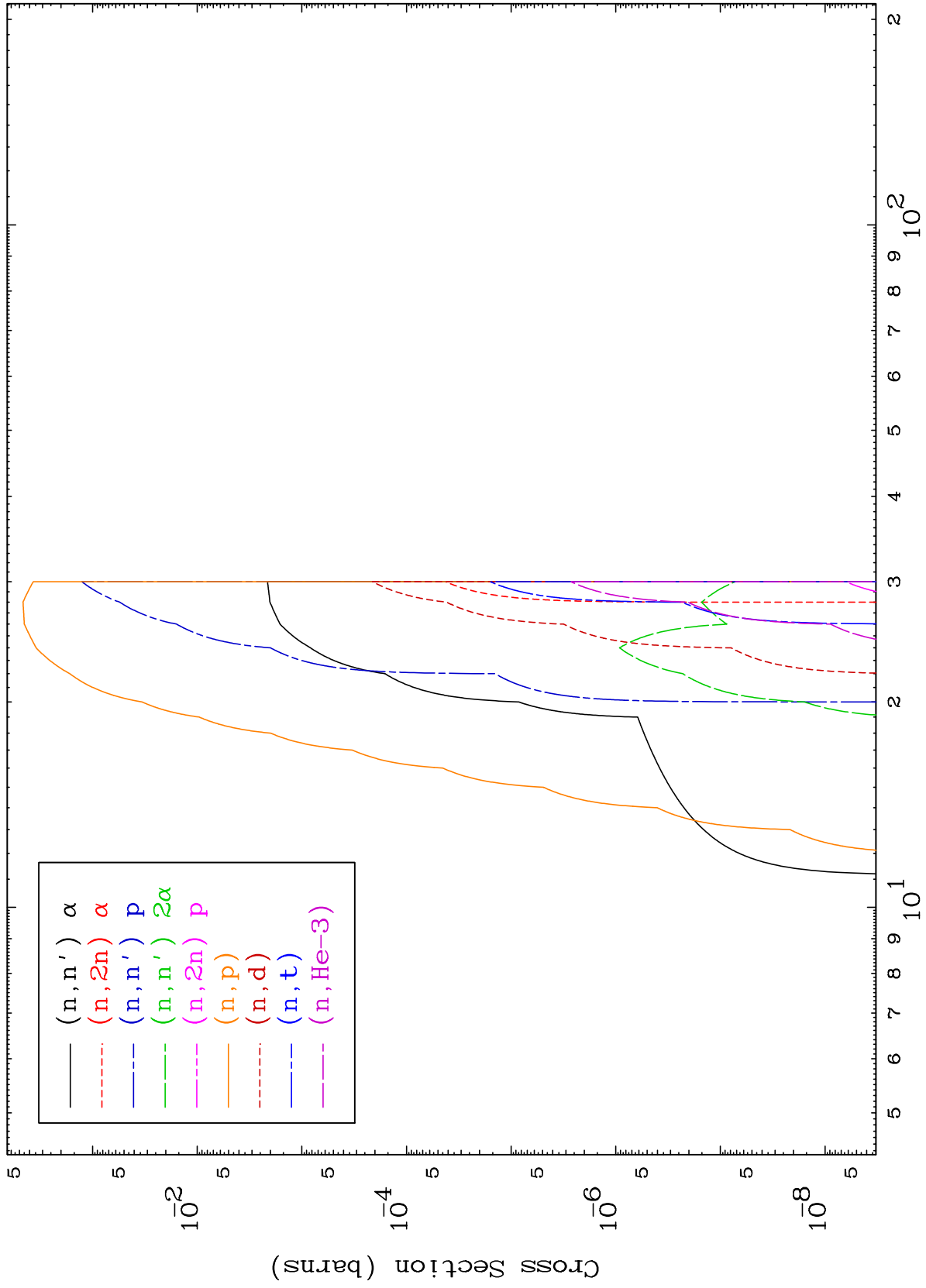
2

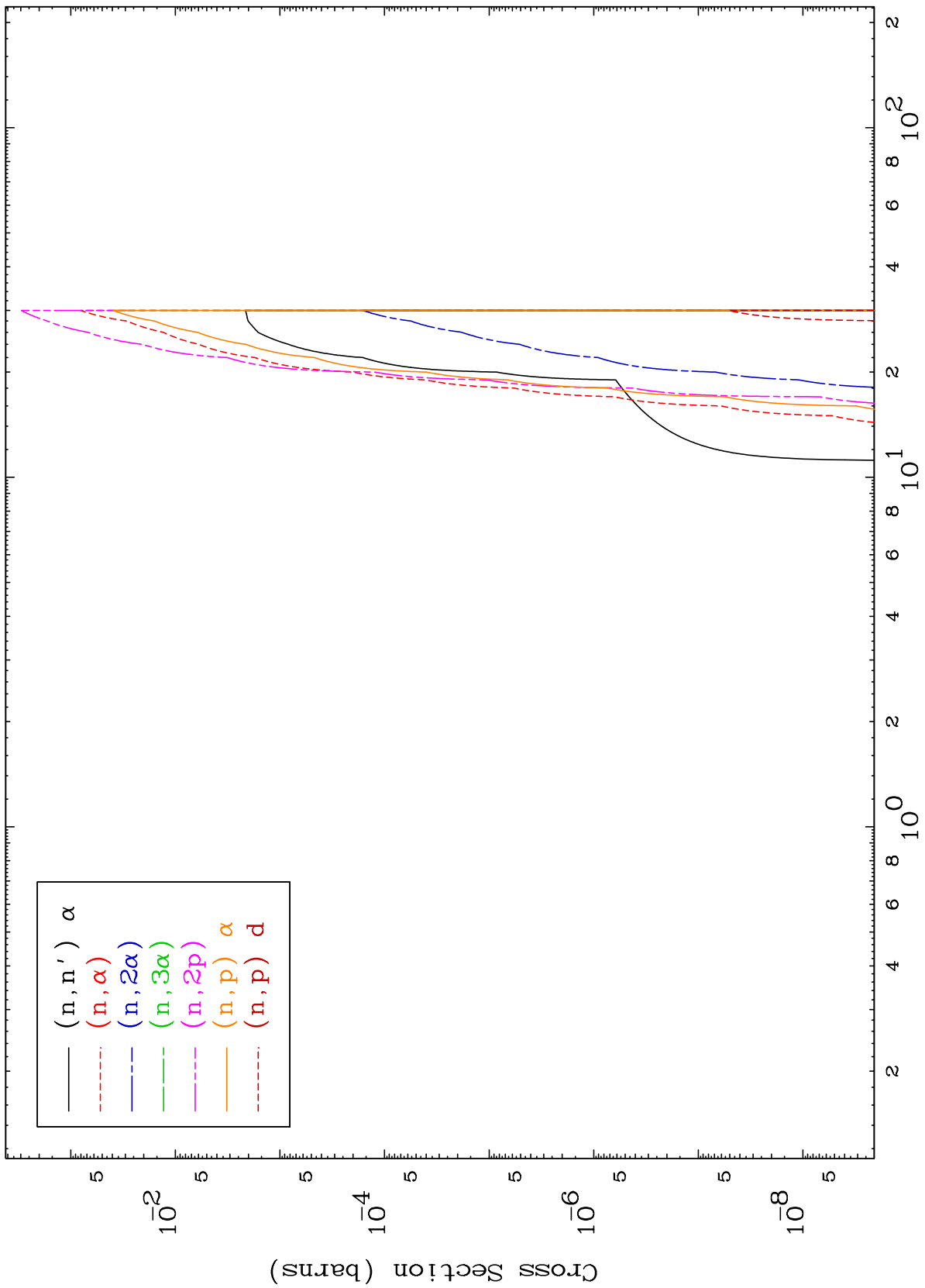
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$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

<sup>79</sup>Au-177m





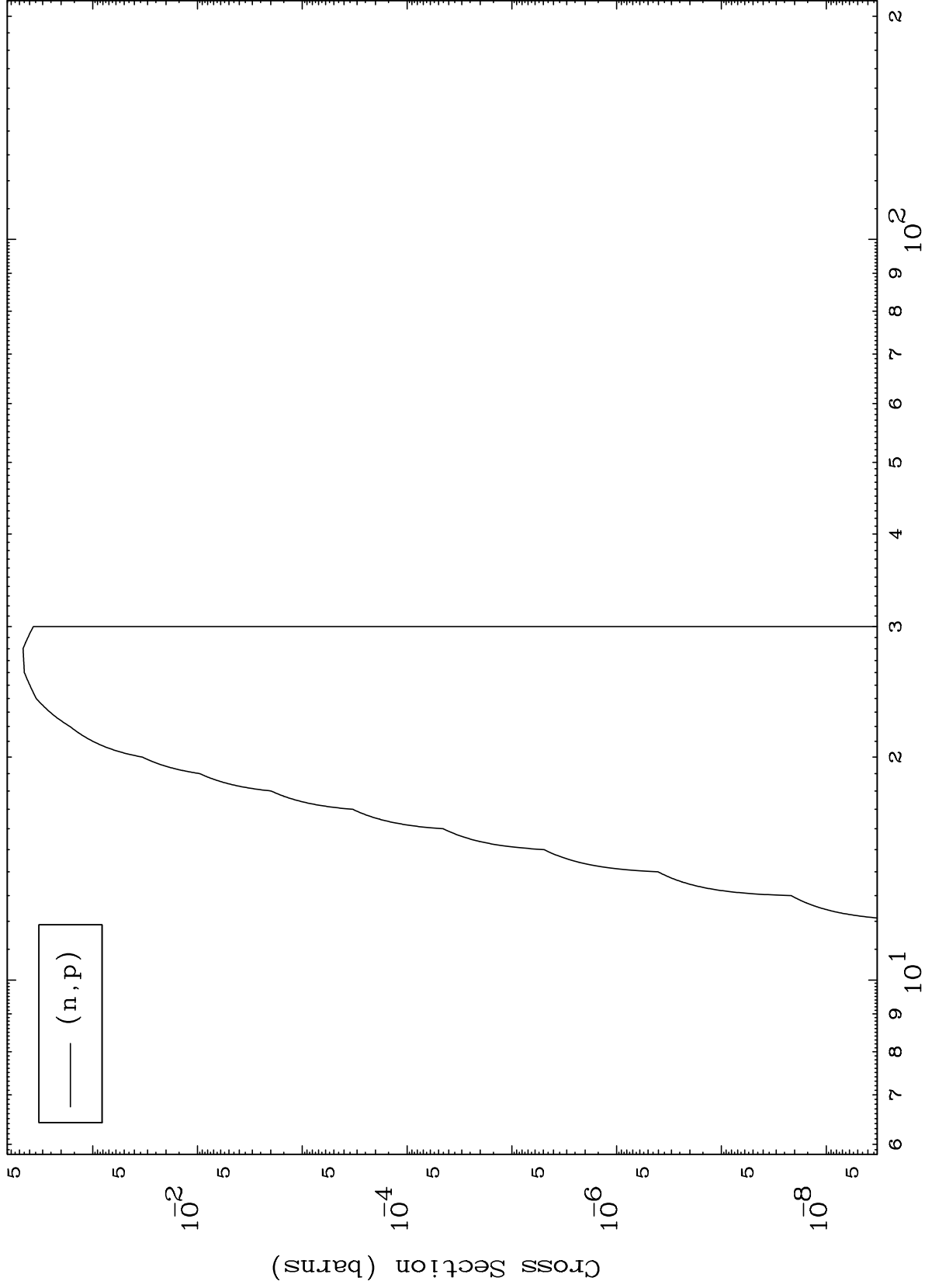


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( $\alpha, p$ ) Levels

<sup>79</sup>Au-177m

0 Kelvin Cross Sections



Incident Energy (MeV)

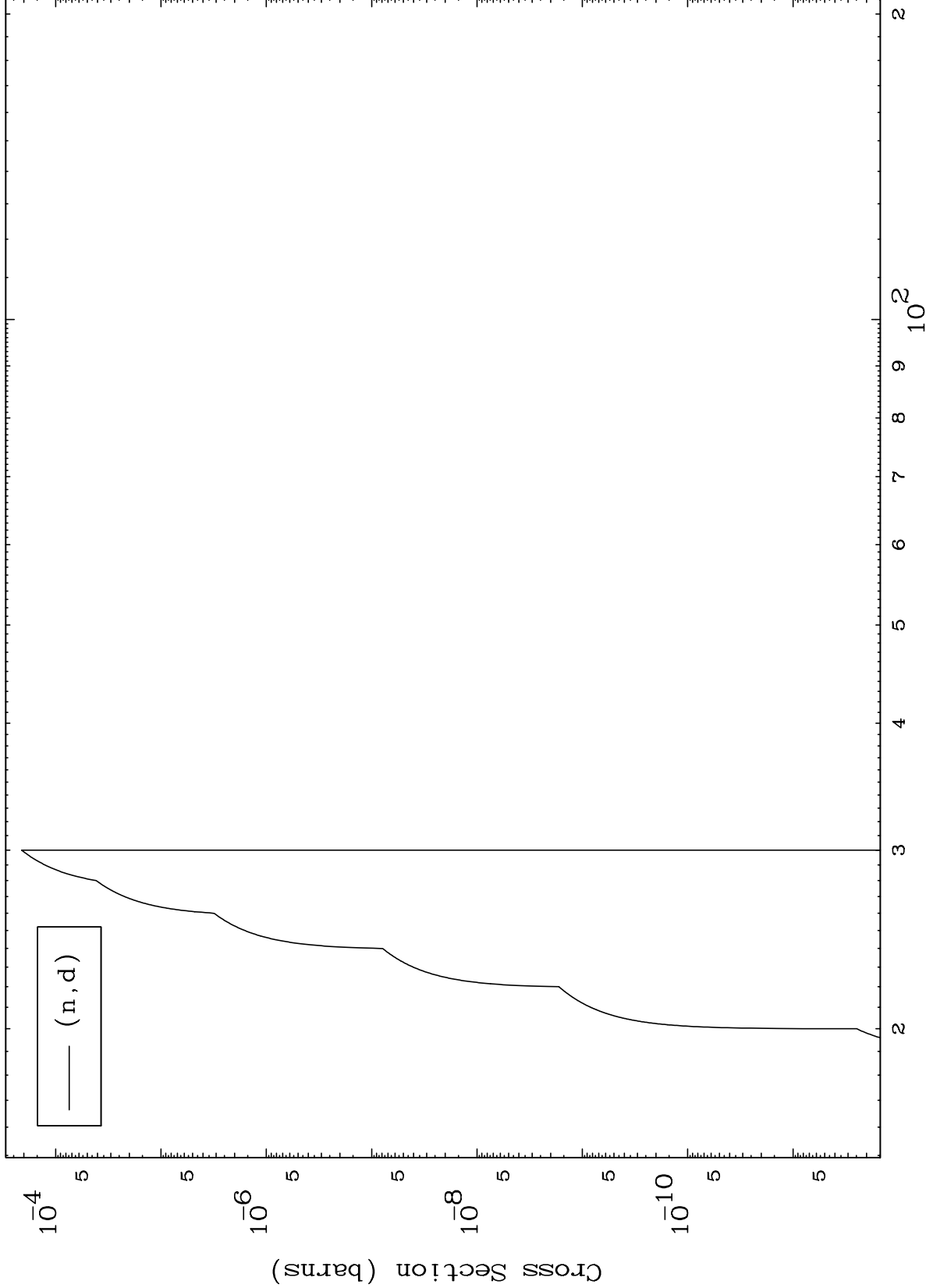
<sup>79</sup>Au-177m

6

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

<sup>79</sup>Au-177m

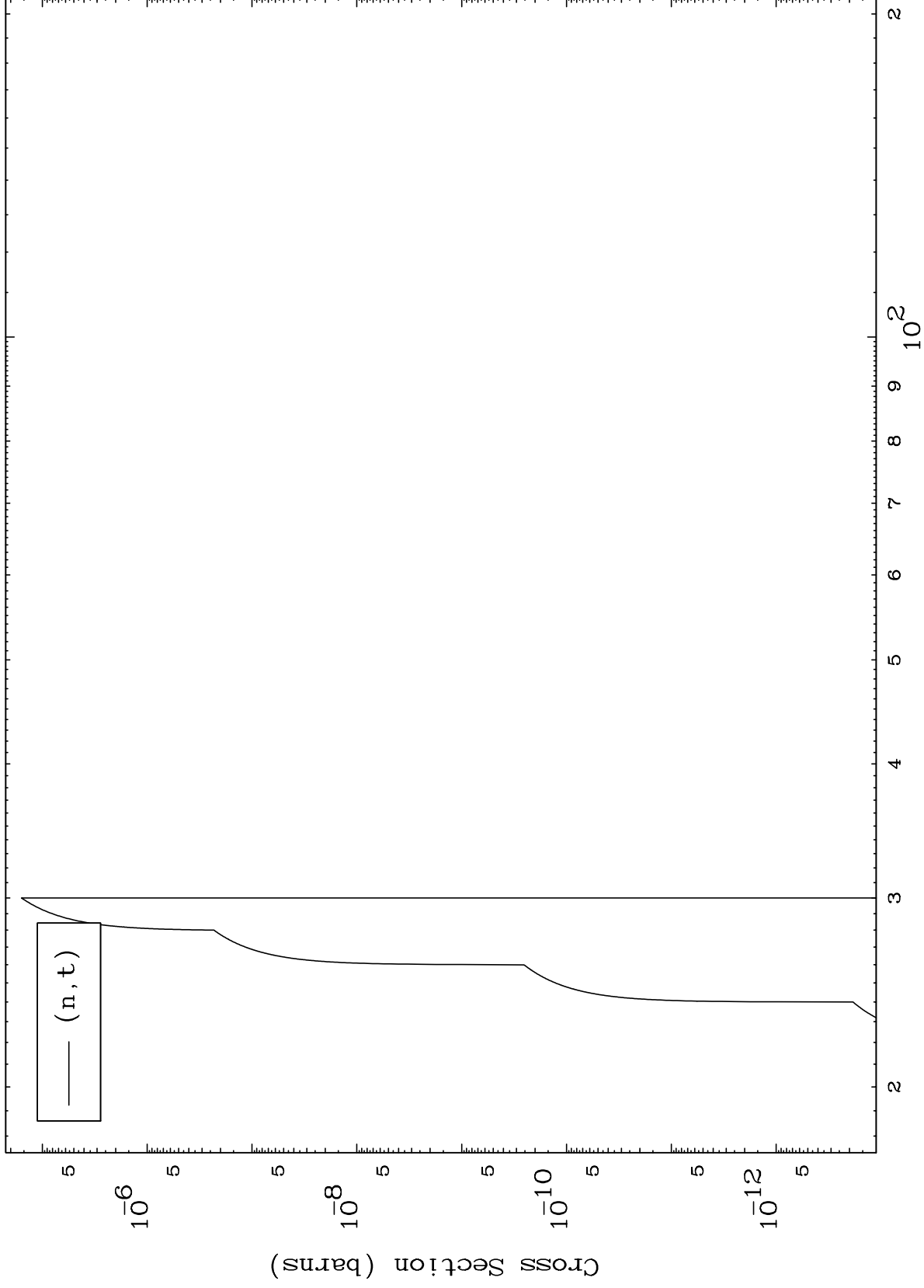




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( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

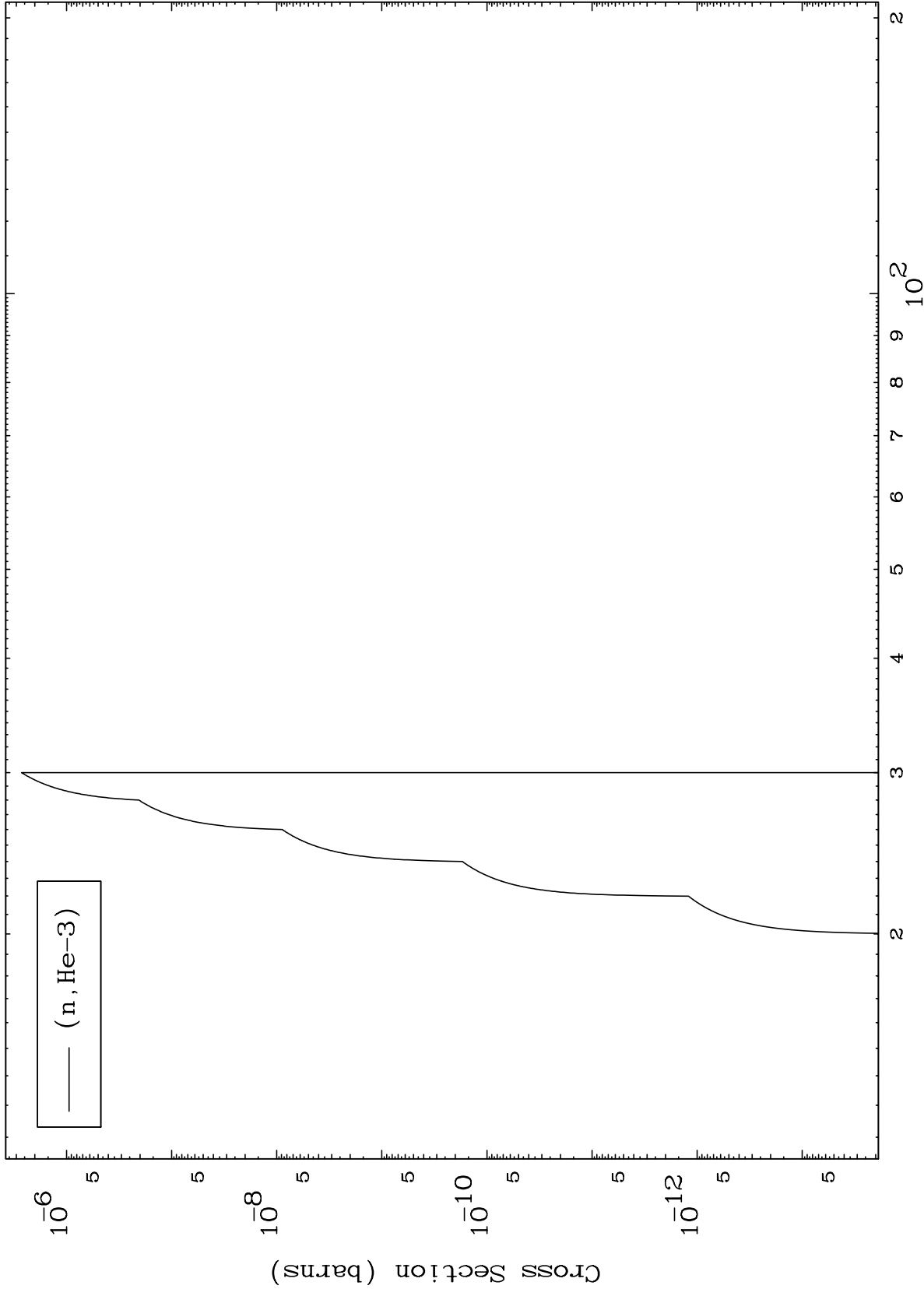
<sup>79</sup>Au-177m



8

Incident Energy (MeV)

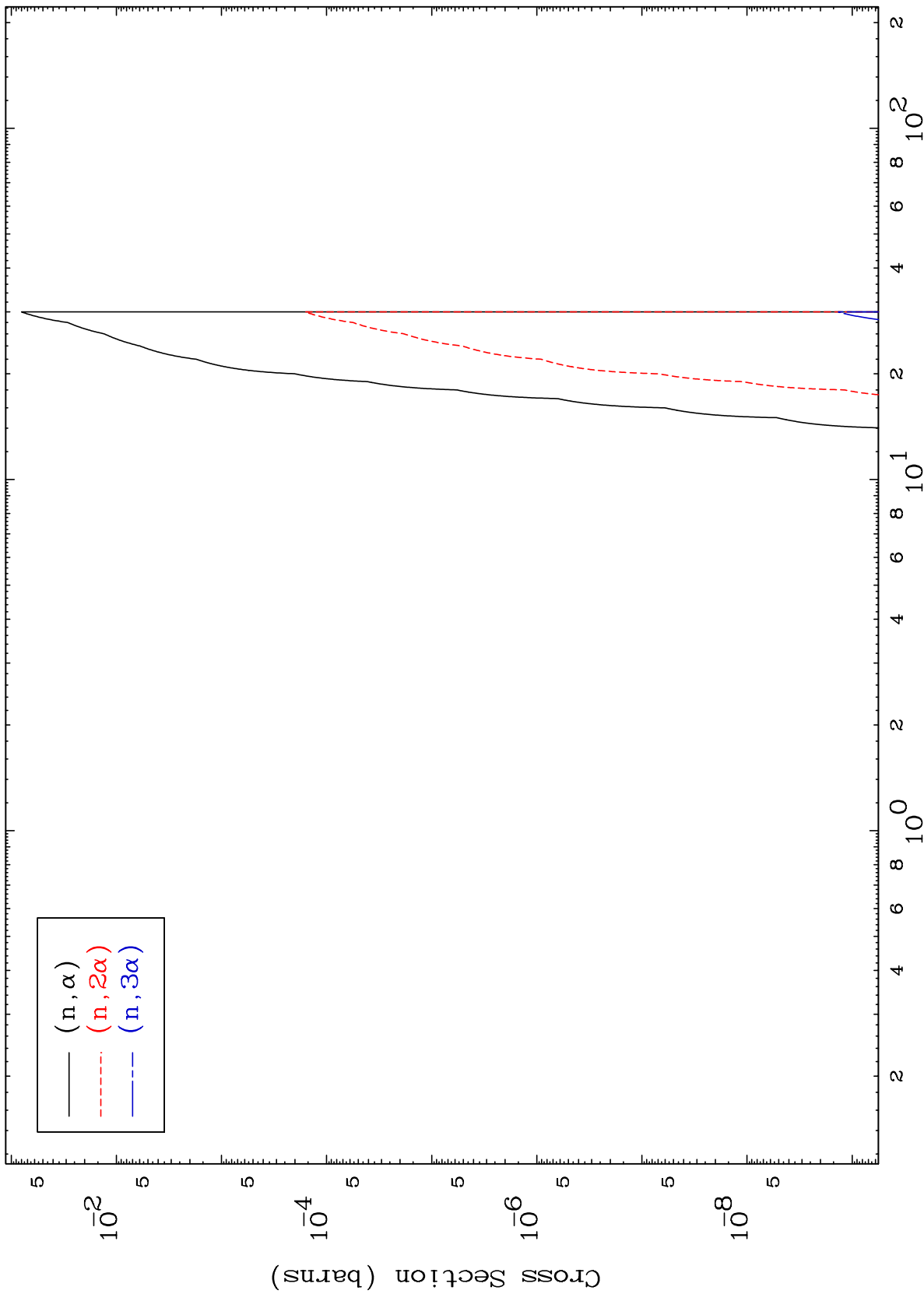
<sup>79</sup>Au-177m



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

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



10

Incident Energy (MeV)

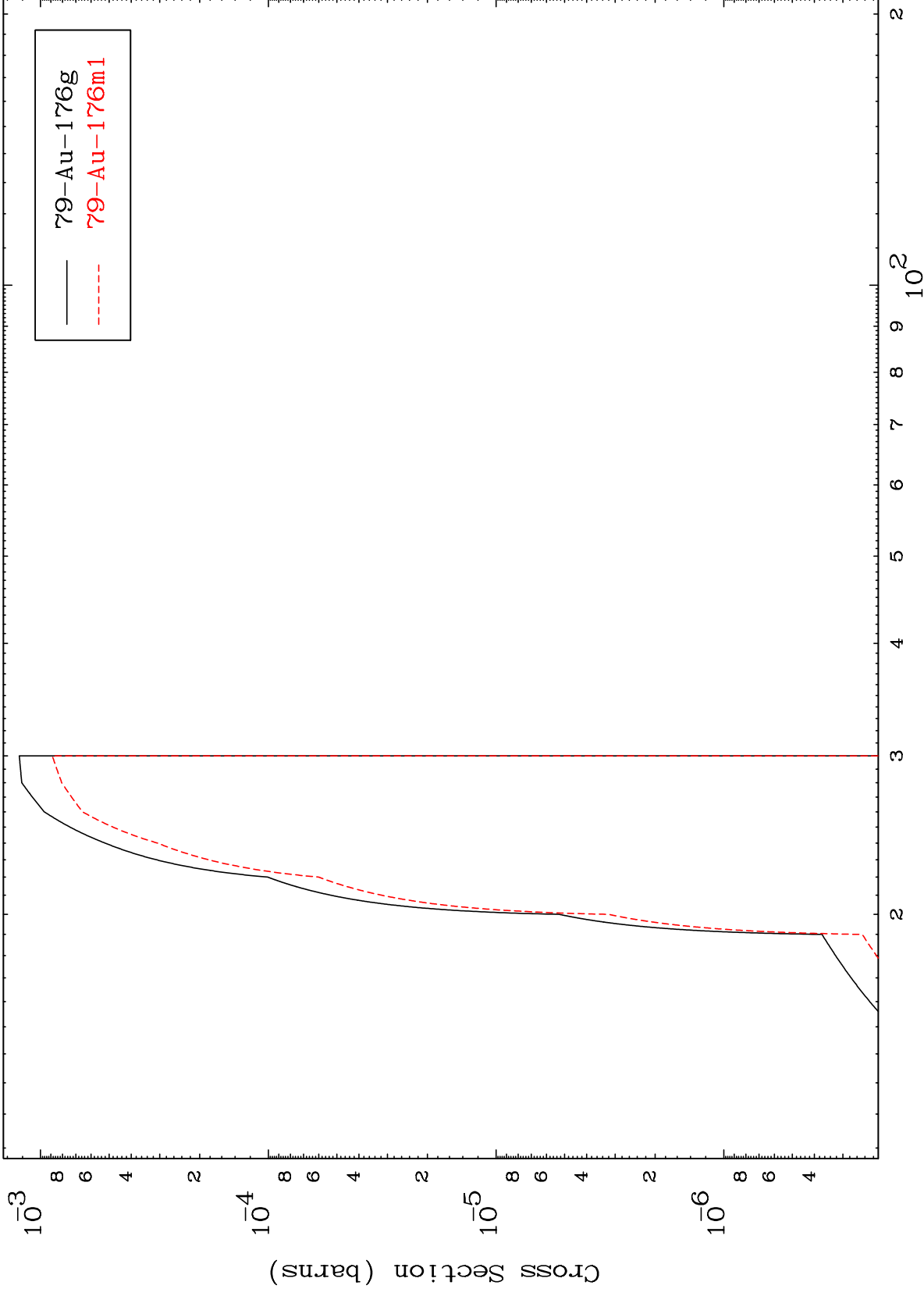
$^{79}\text{Au-177m}$

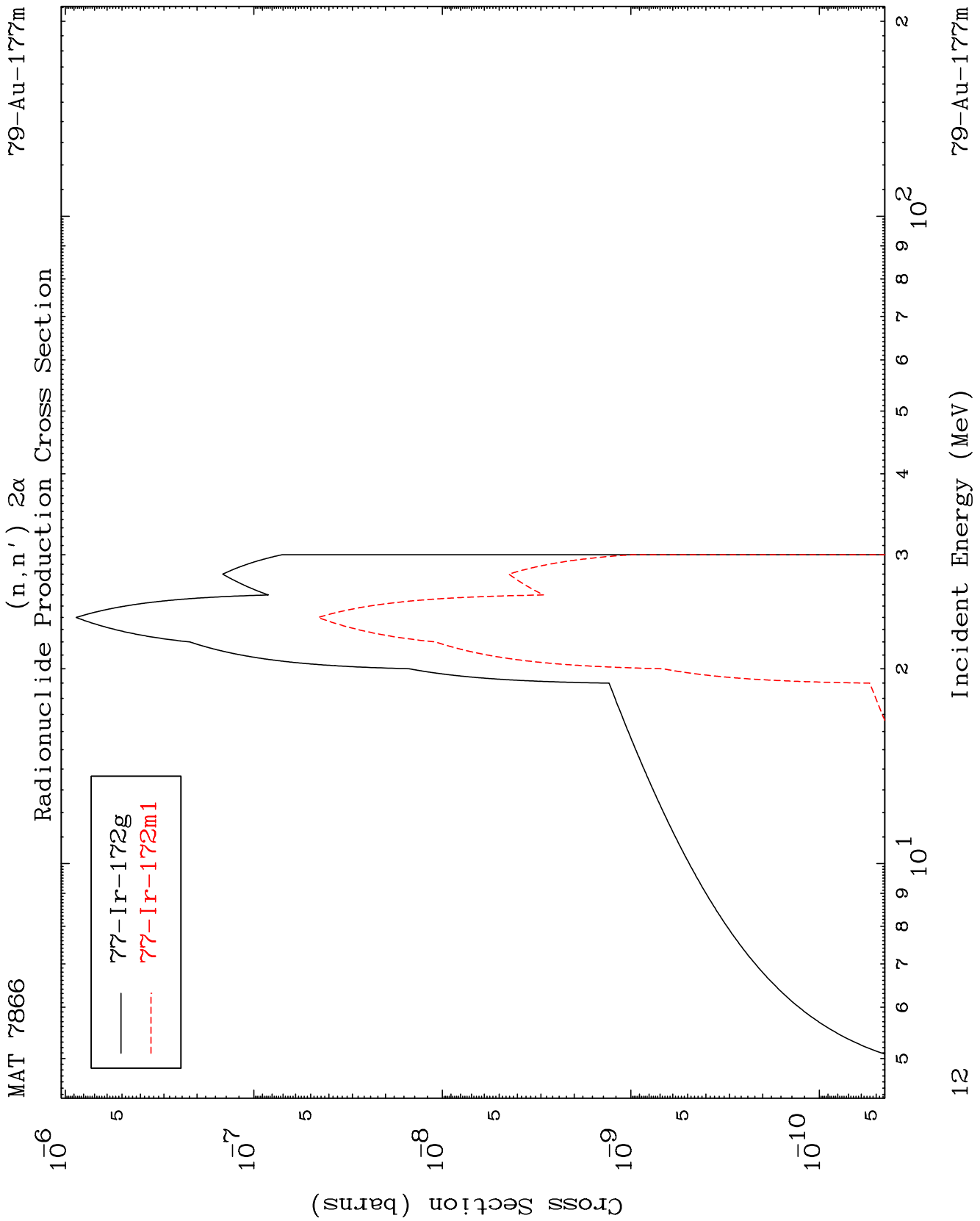
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$(n, n') \alpha$

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

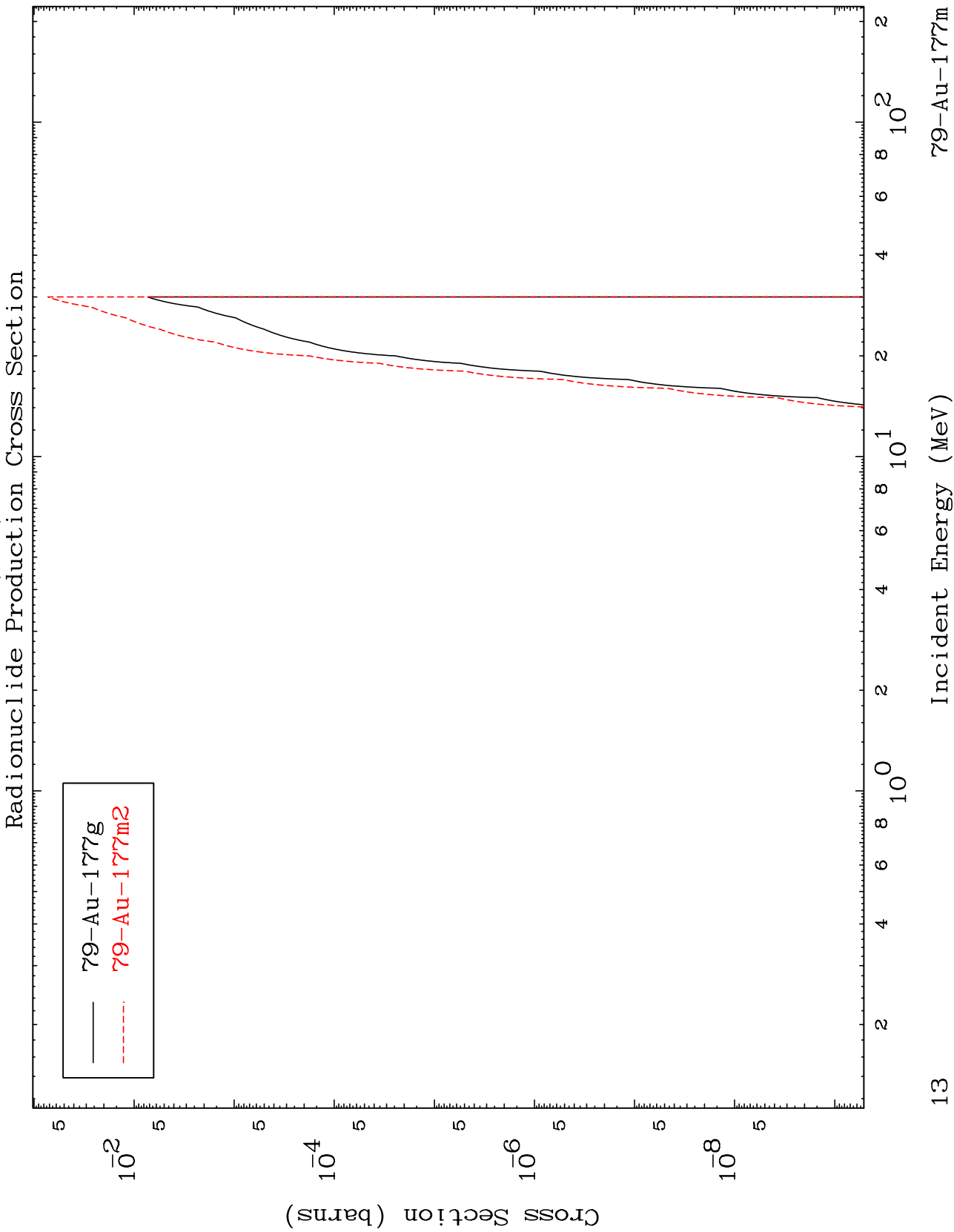
Radionuclide Production Cross Section





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<sup>79</sup>Au-177m



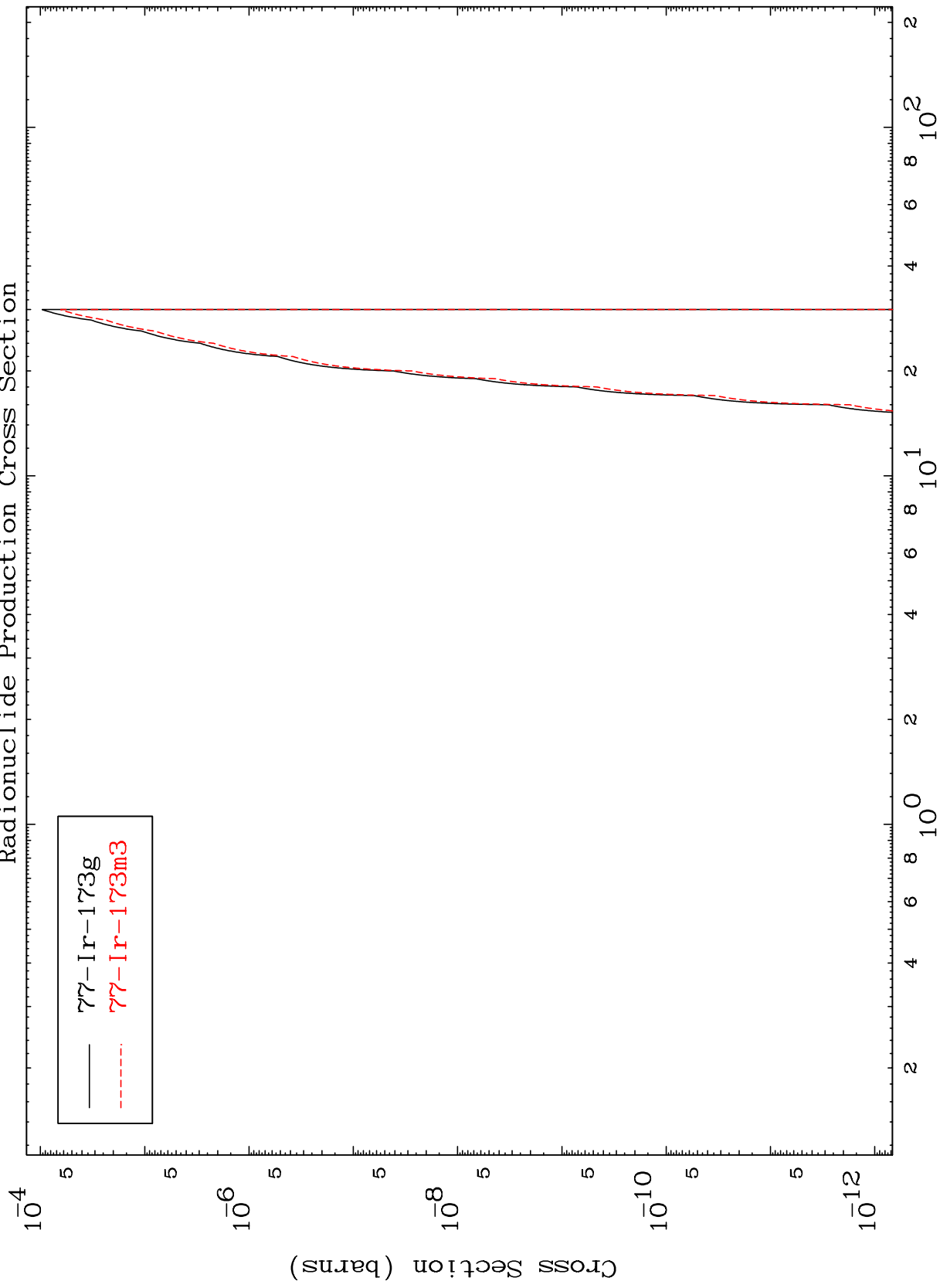
<sup>79</sup>Au-177m

Incident Energy (MeV)

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<sup>79</sup>Au-177m

Radionuclide Production Cross Section  
(n,2α)



<sup>79</sup>Au-177m

Incident Energy (MeV)

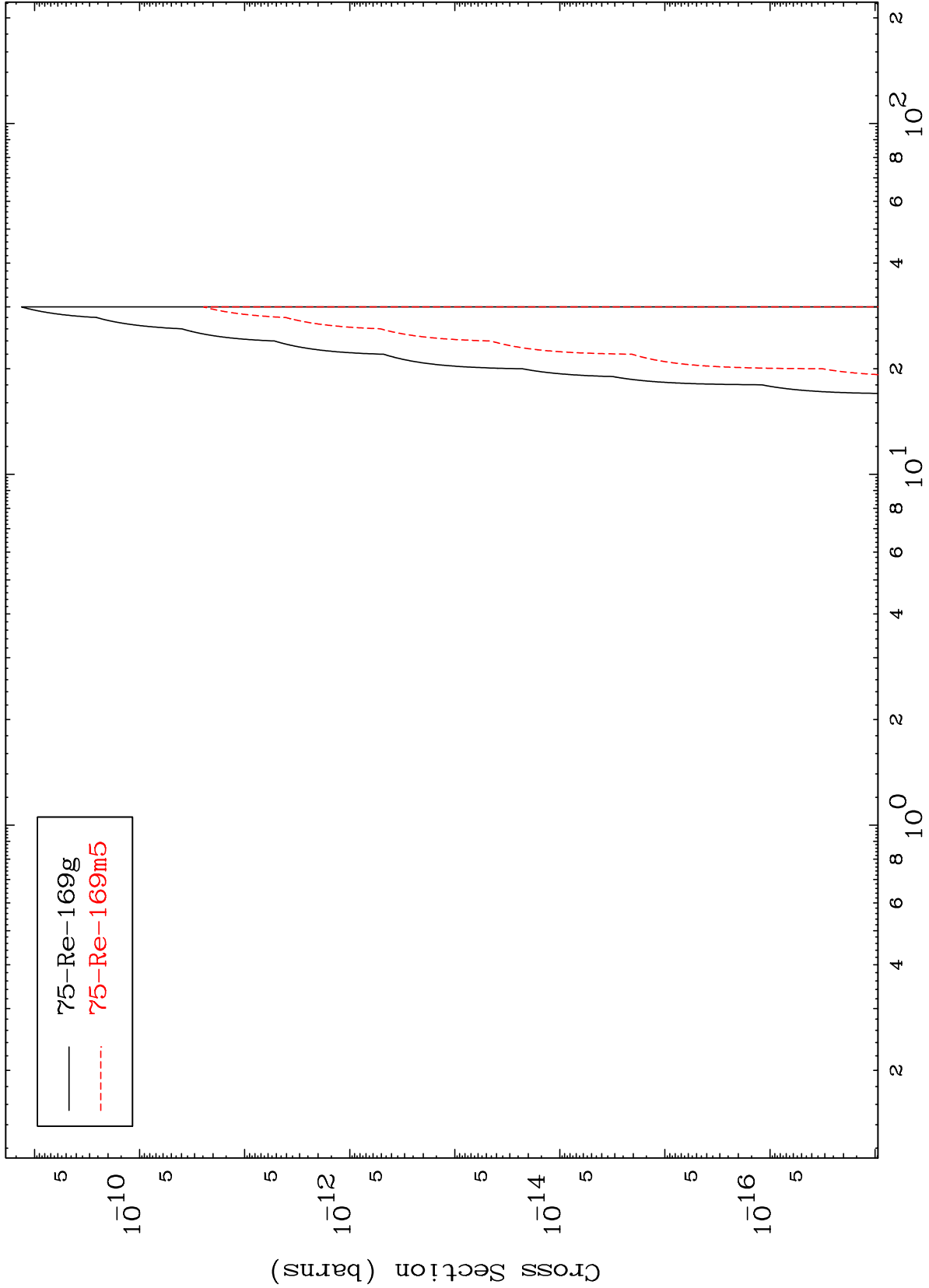
14

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(n, 3α)

<sup>79</sup>Au-177m

Radionuclide Production Cross Section



— 75-Re-169g  
- - - 75-Re-169m5