

Program EVALPLOT  
(Version 2021-1)

by

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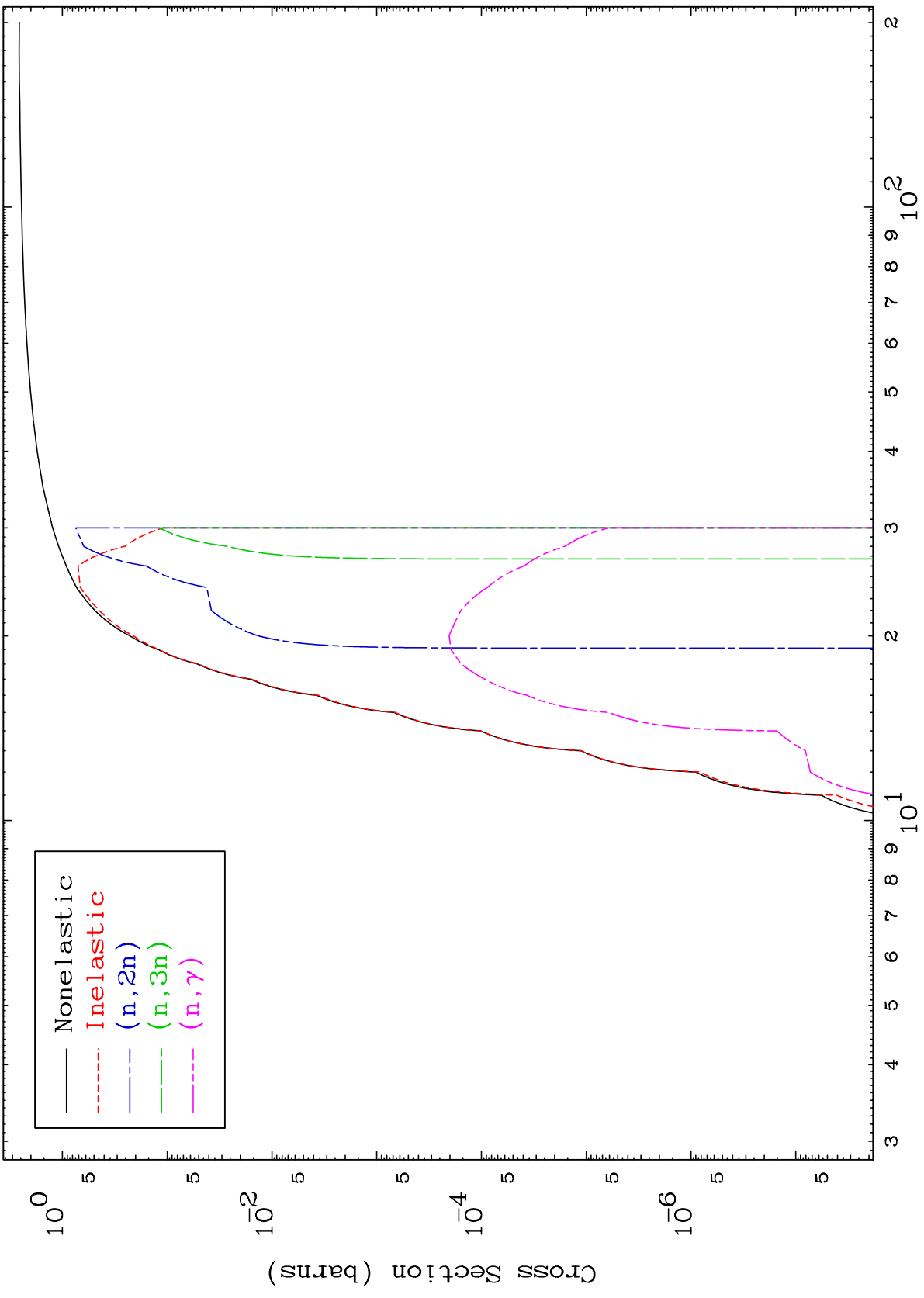
Press Mouse Button to Start

MAT 7117

$\alpha$  Major

71-Lu-172m

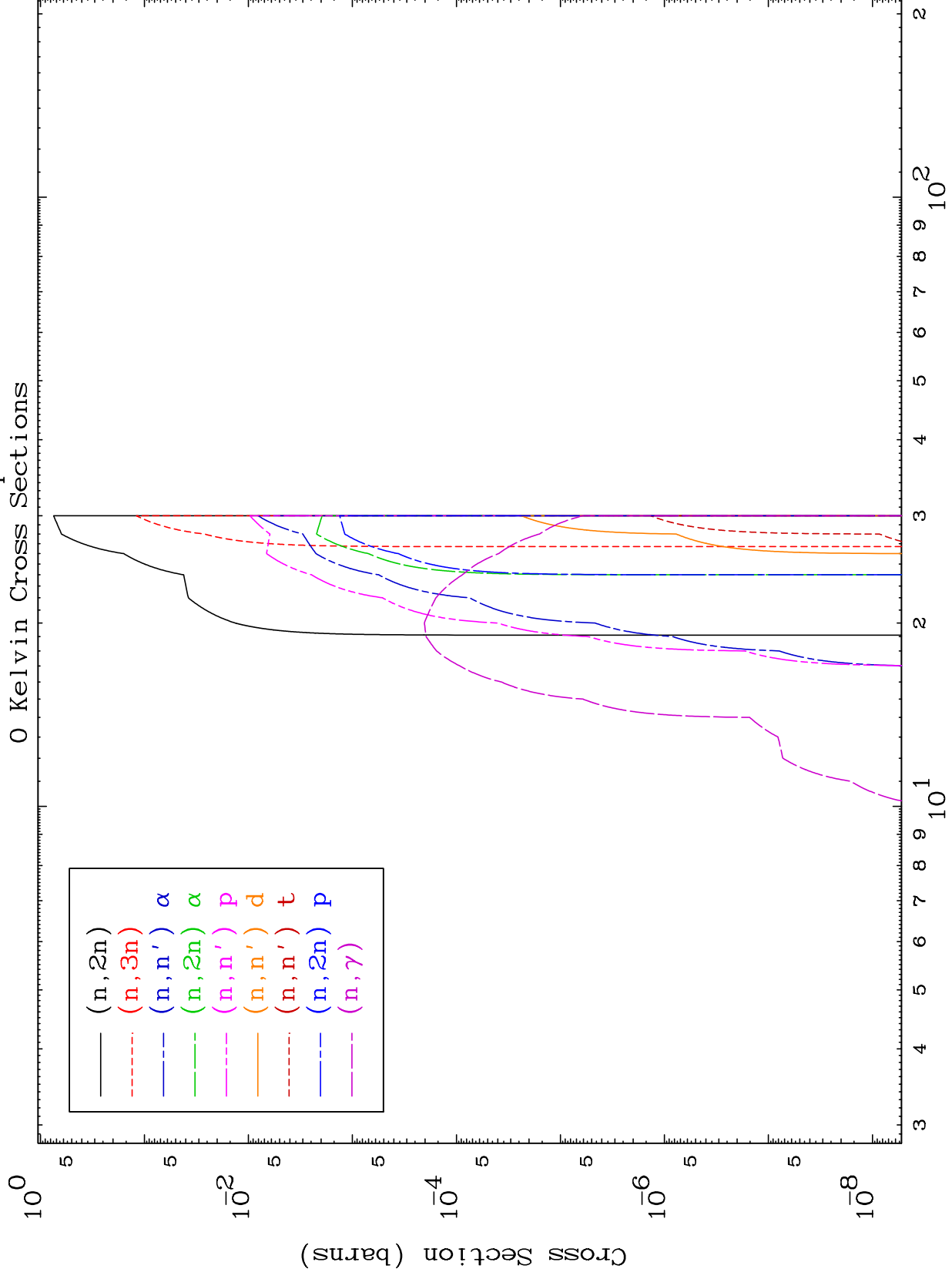
0 Kelvin Cross Sections



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$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

71-Lu-172m



2

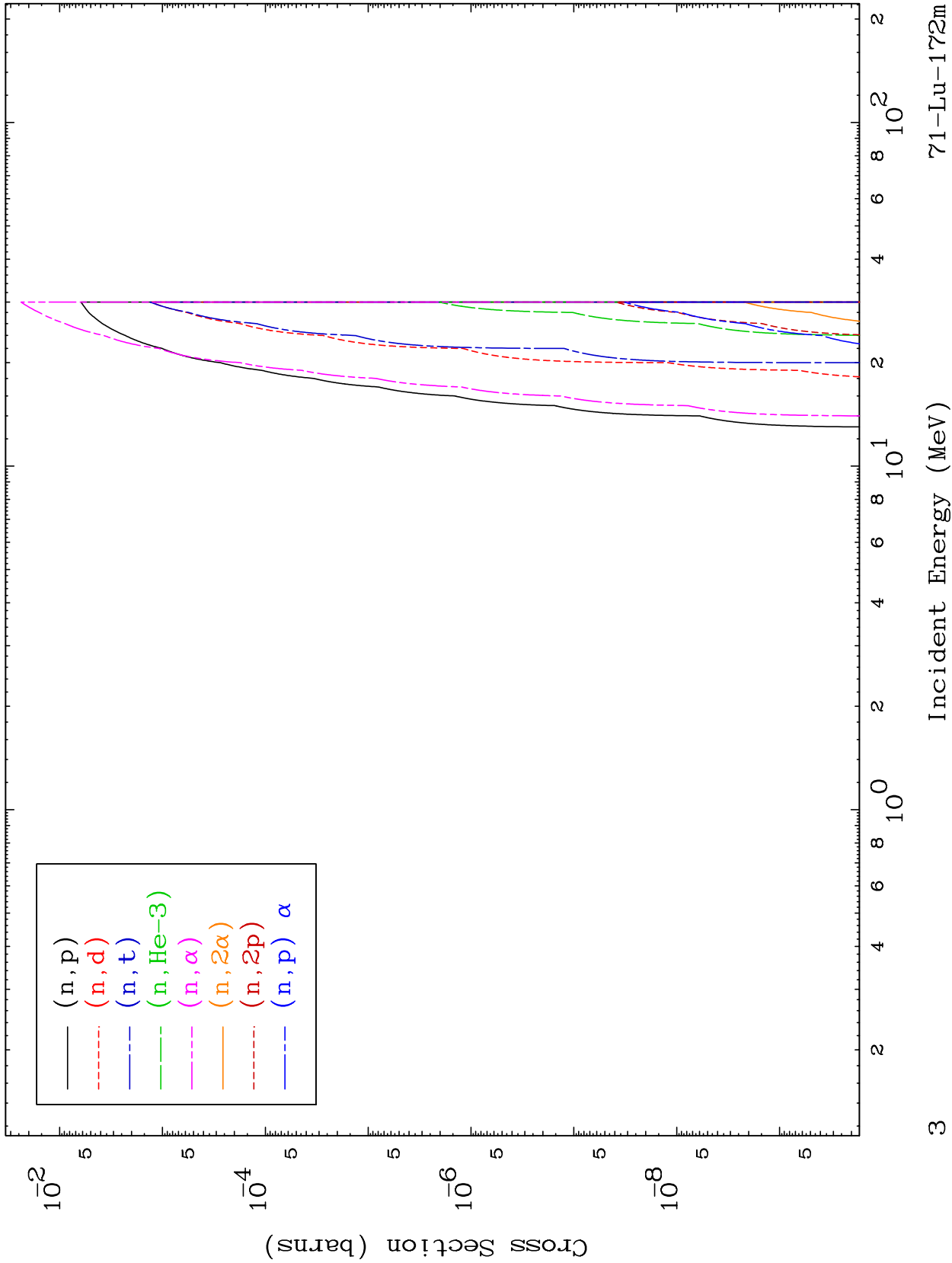
Incident Energy (MeV)

71-Lu-172m

MAT 7117

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

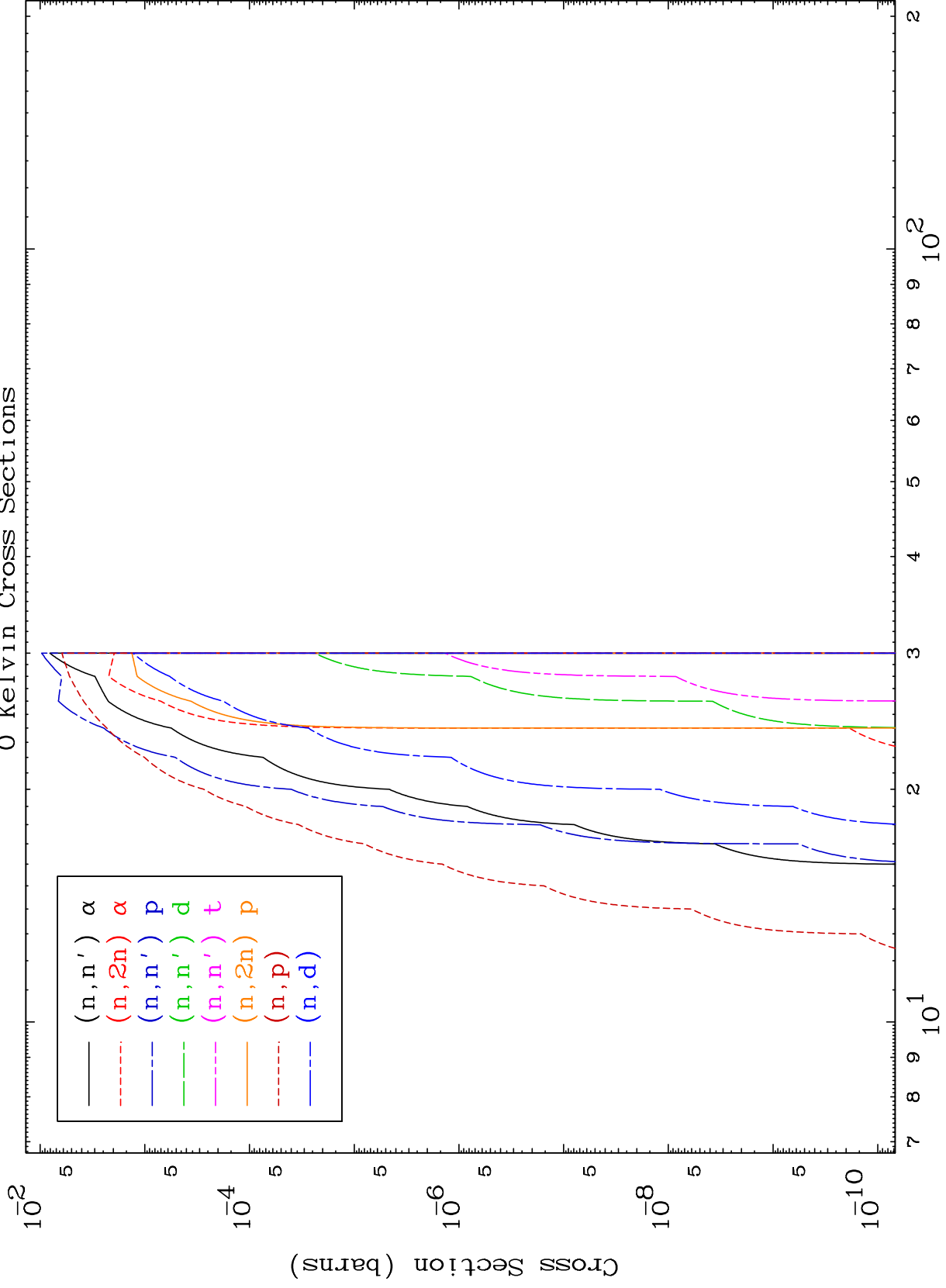
<sup>71</sup>Lu-172m



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$\alpha$  Charged Particle  
0 Kelvin Cross Sections

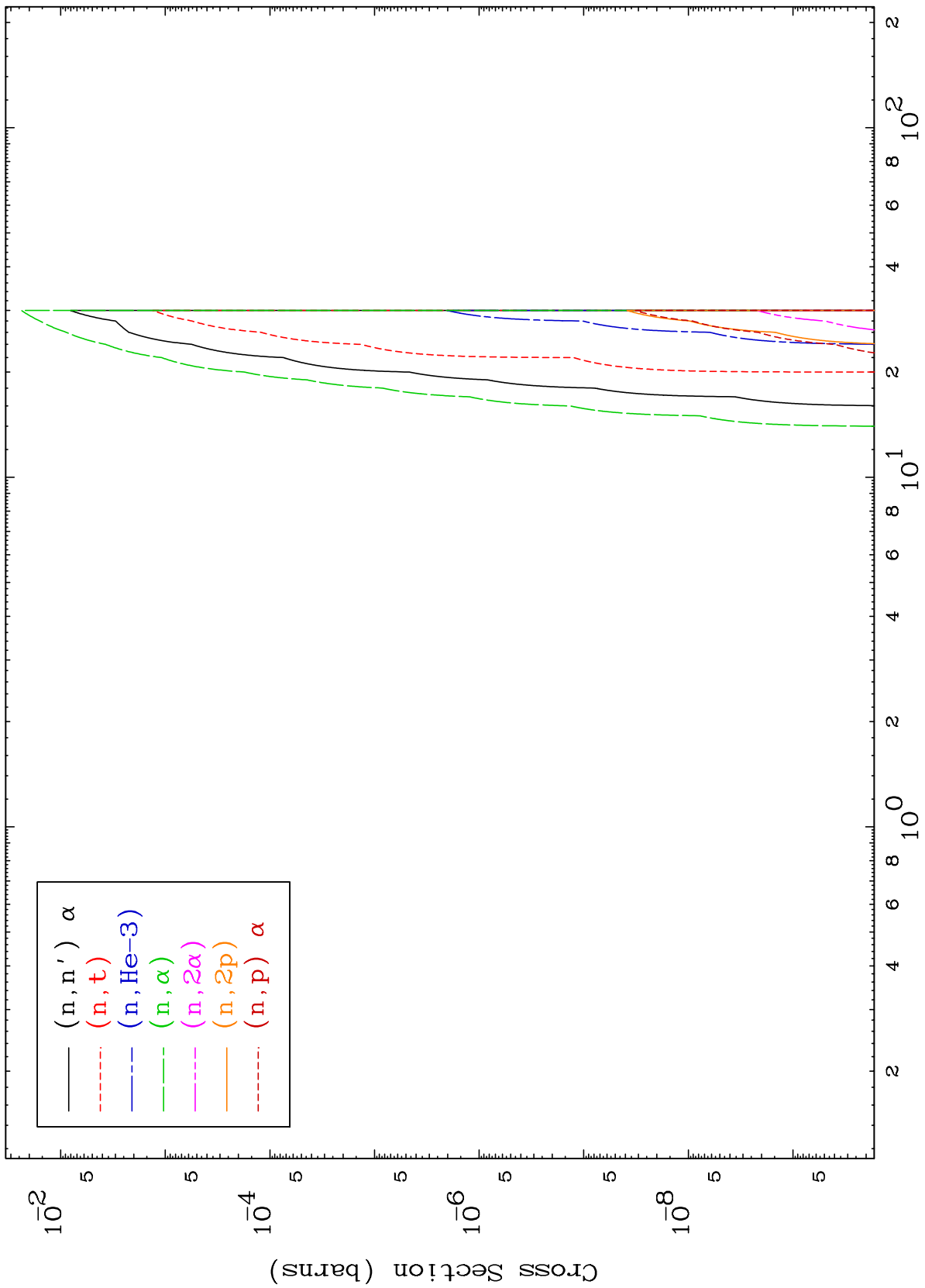
71-Lu-172m



4

Incident Energy (MeV)

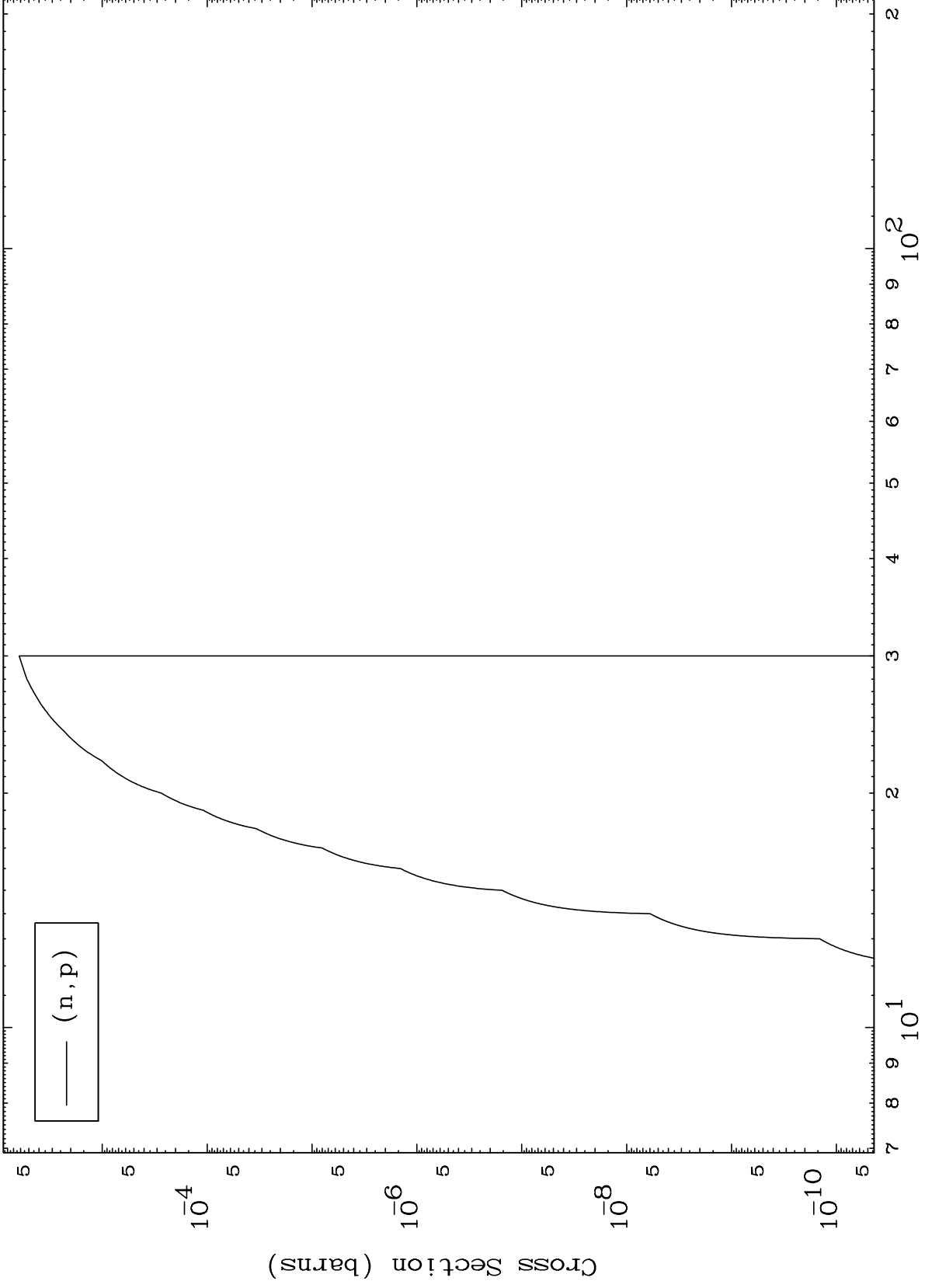
71-Lu-172m



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

71-Lu-172m



6

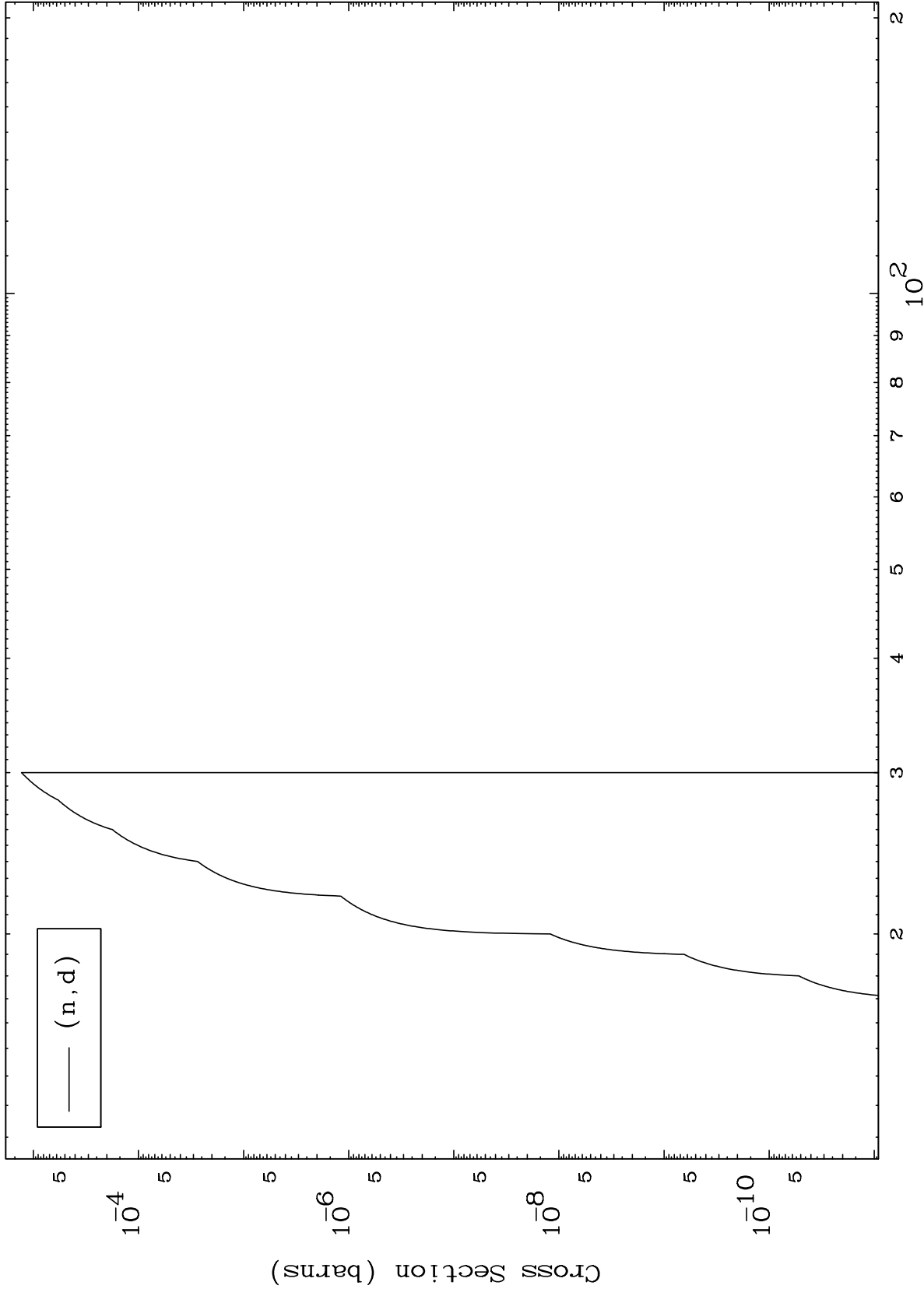
Incident Energy (MeV)

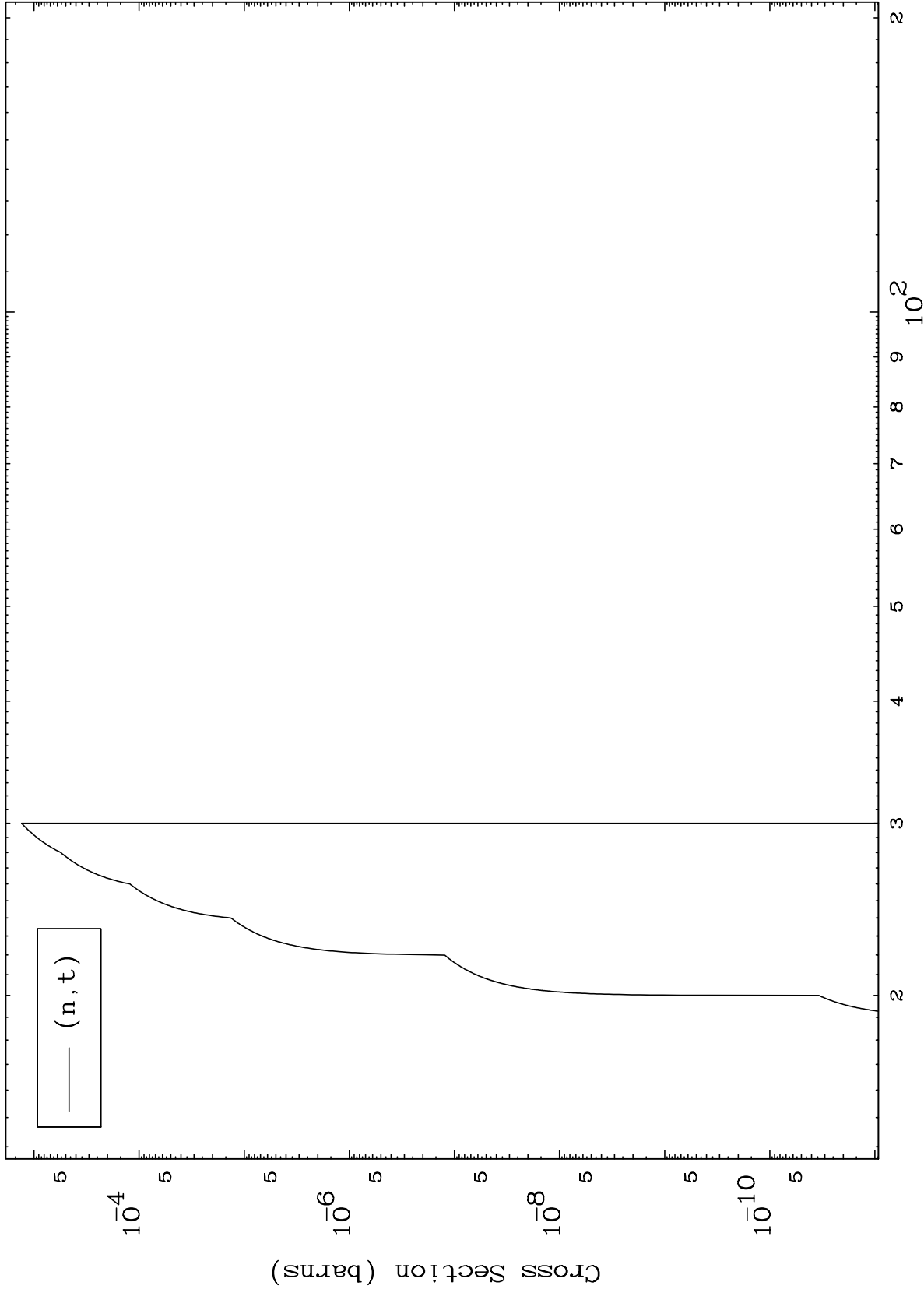
71-Lu-172m

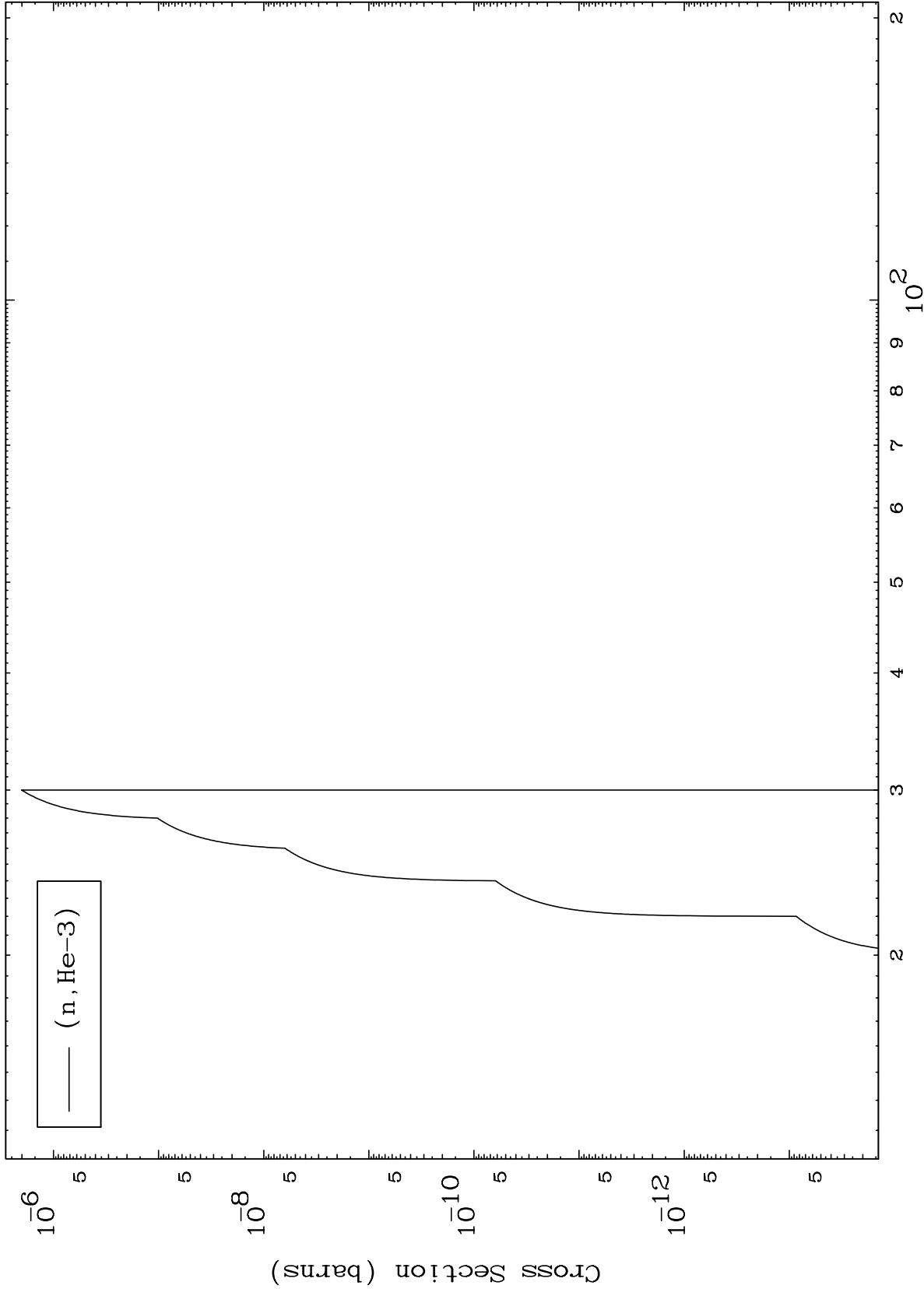
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( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

71-Lu-172m





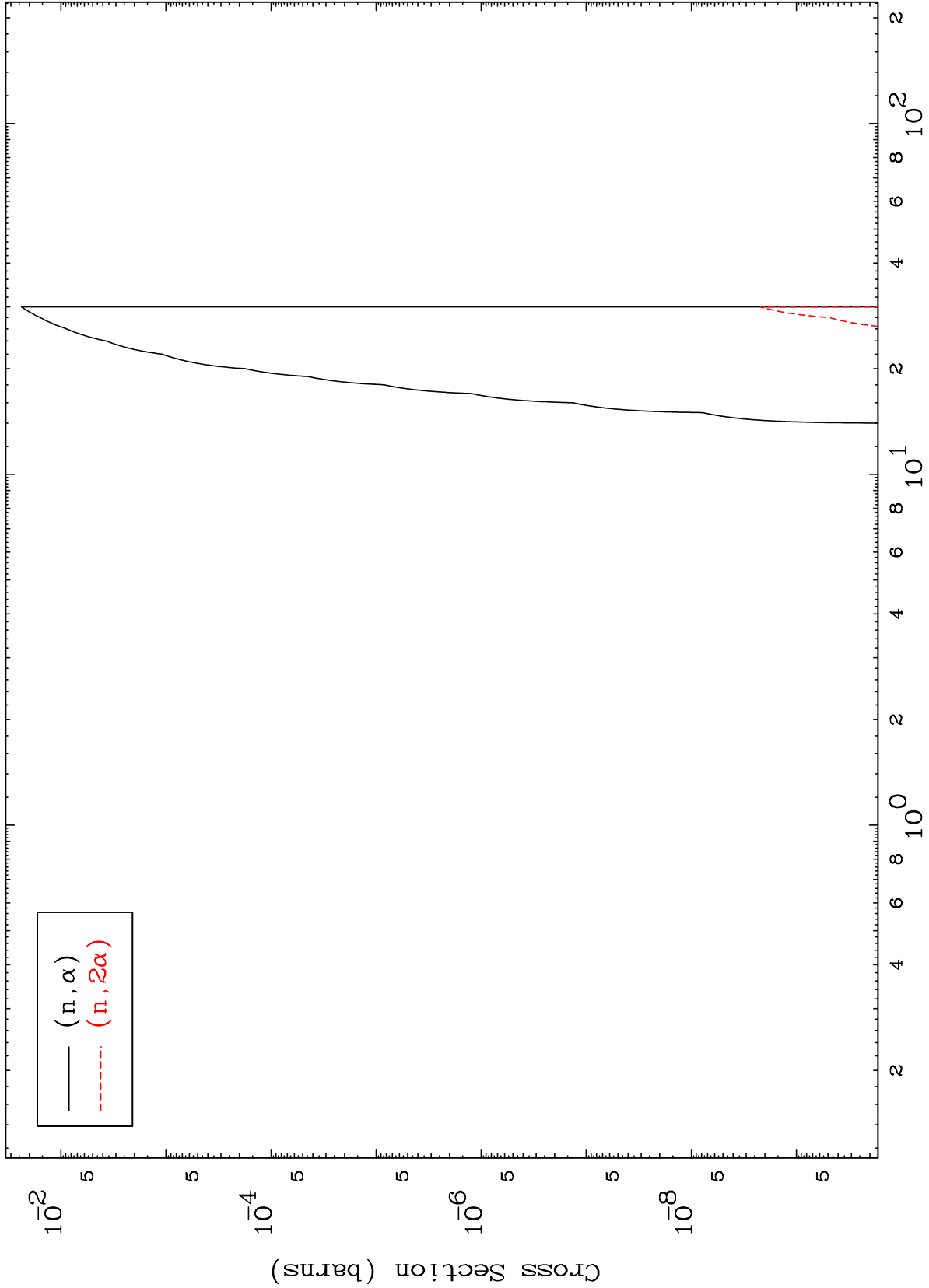


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( $\alpha, \alpha$ ) Levels

71-Lu-172m

0 Kelvin Cross Sections



— ( $n, \alpha$ )  
- - - ( $n, 2\alpha$ )

10

Incident Energy (MeV)

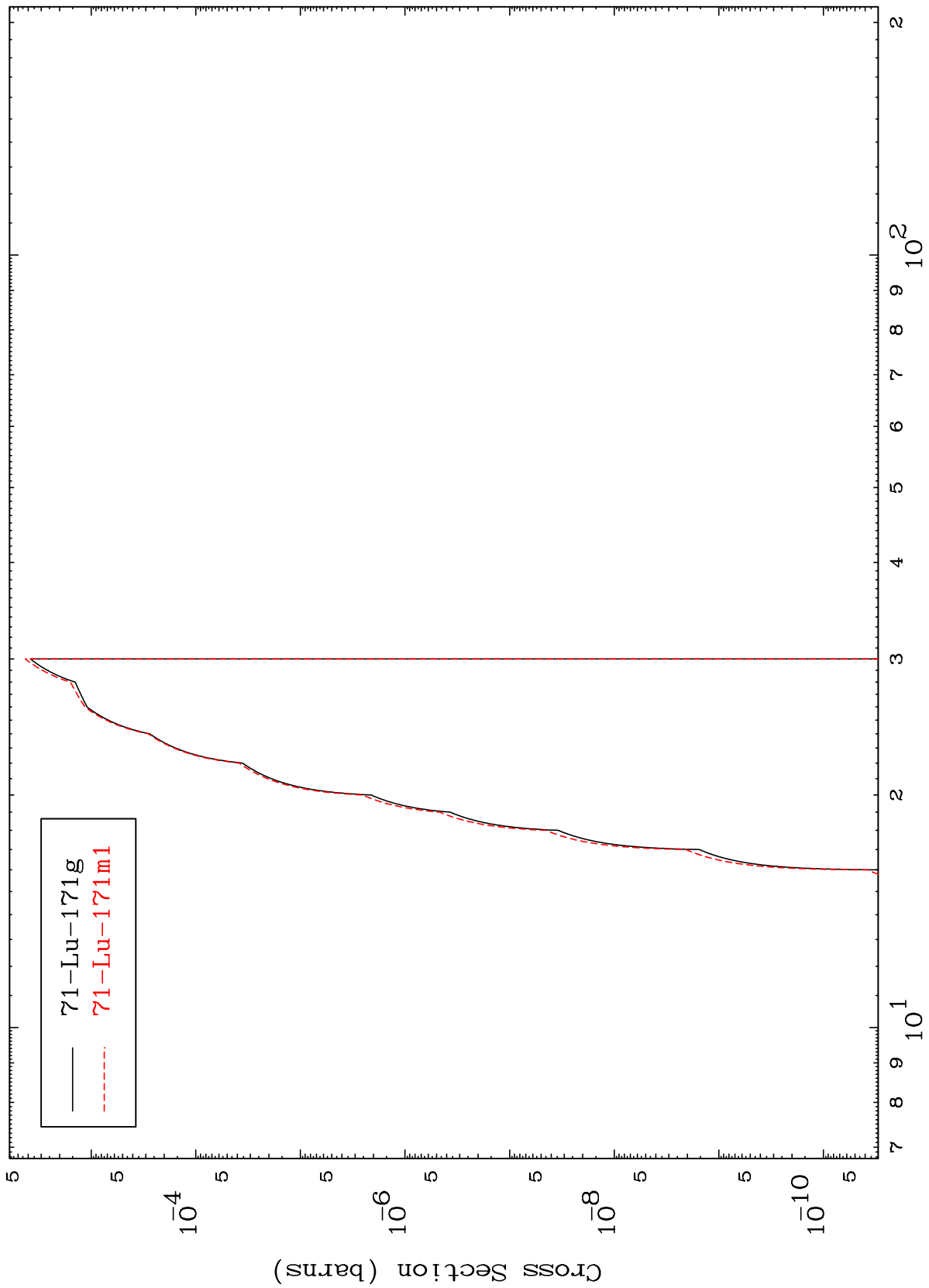
71-Lu-172m

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(n,n')  $\alpha$

<sup>71</sup>Lu-172m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

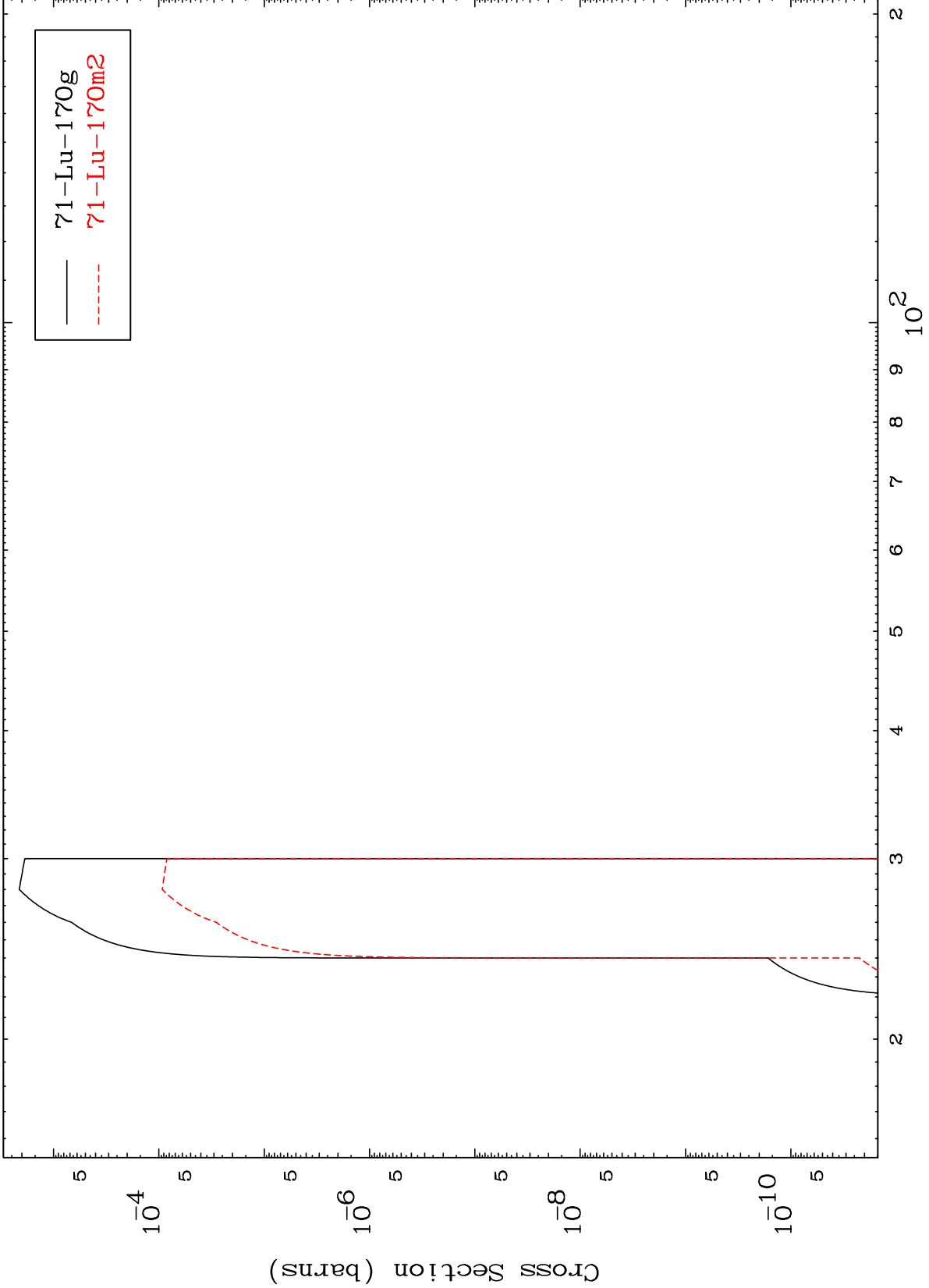
<sup>71</sup>Lu-172m

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(n,2n)  $\alpha$

71-Lu-172m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

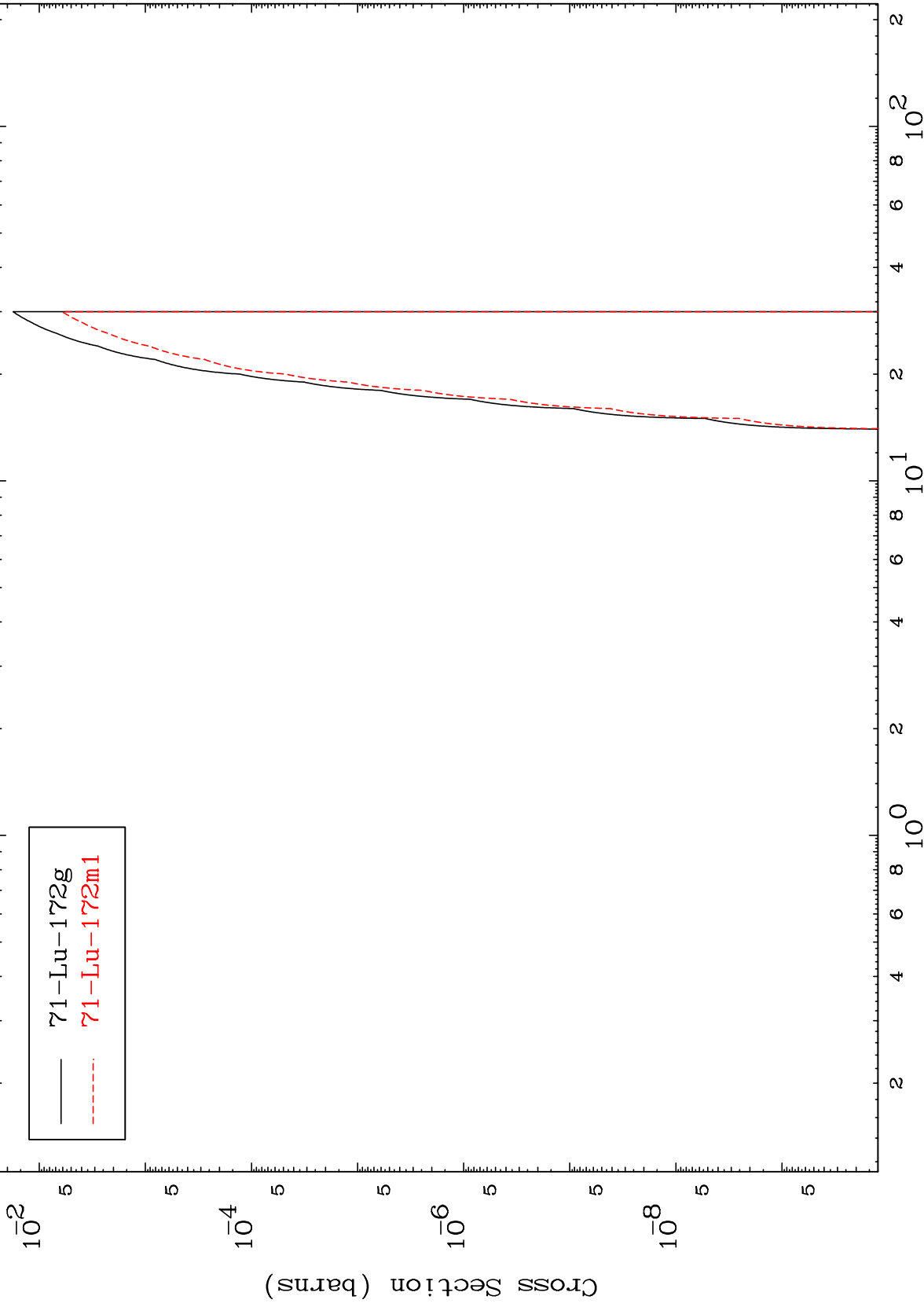
71-Lu-172m

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(n,  $\alpha$ )

<sup>71</sup>Lu-172m

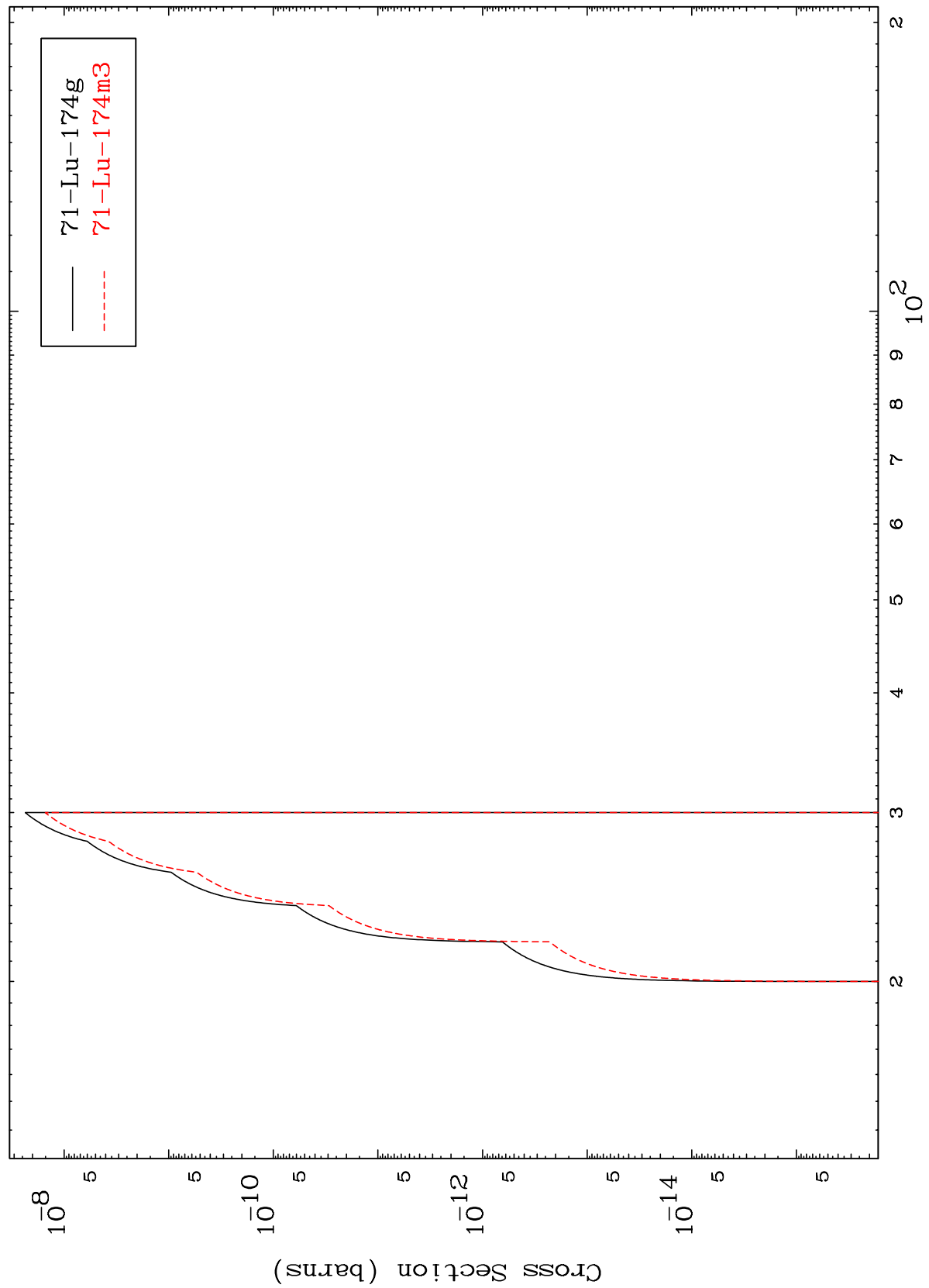
Radionuclide Production Cross Section



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71-Lu-172m

Radionuclide Production Cross Section  
(n,2p)



71-Lu-174g  
71-Lu-174m3

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Incident Energy (MeV)

71-Lu-172m