

Program EVALPLOT  
(Version 2021-1)

by

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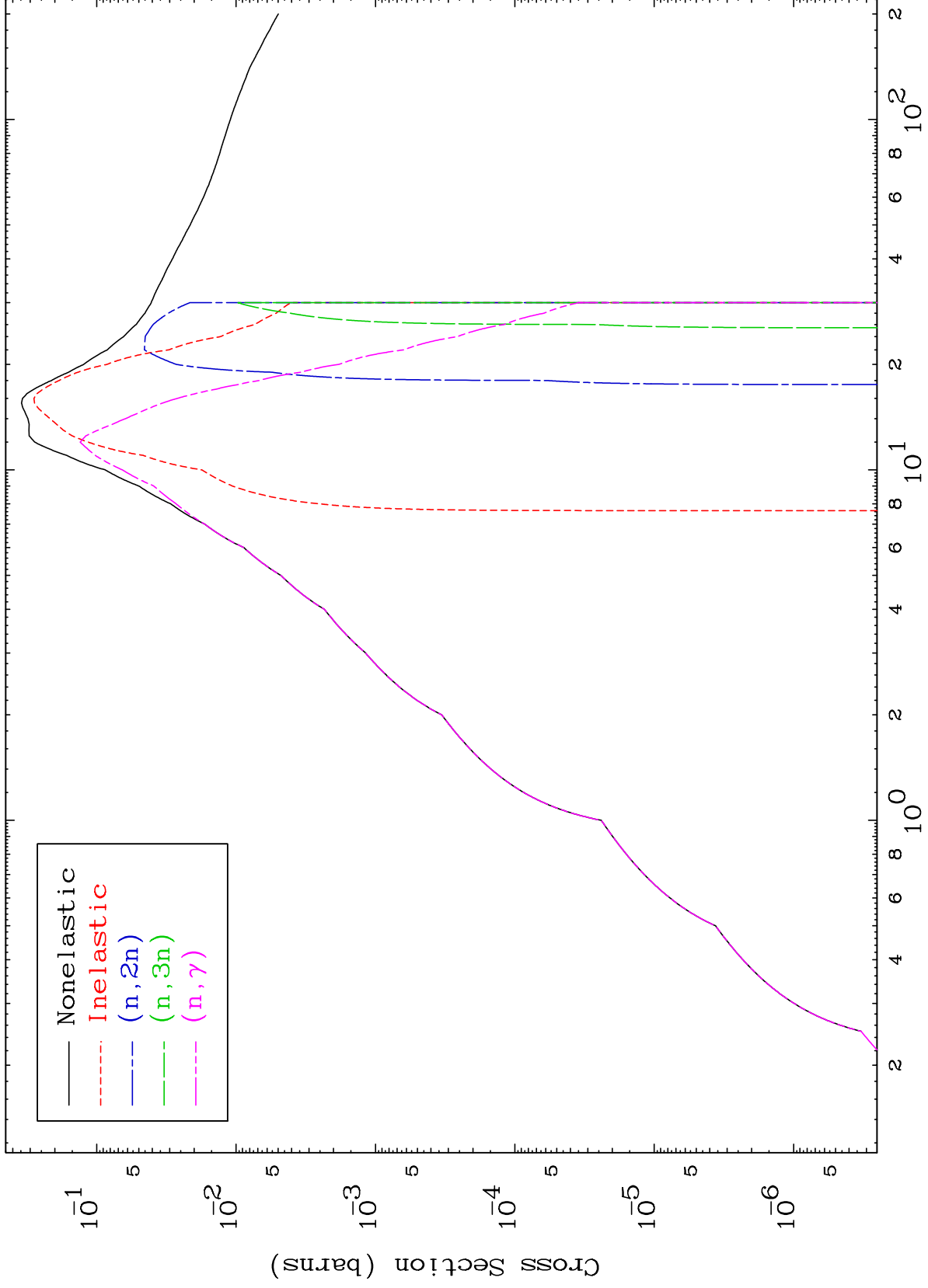
Press Mouse Button to Start

MAT 7098

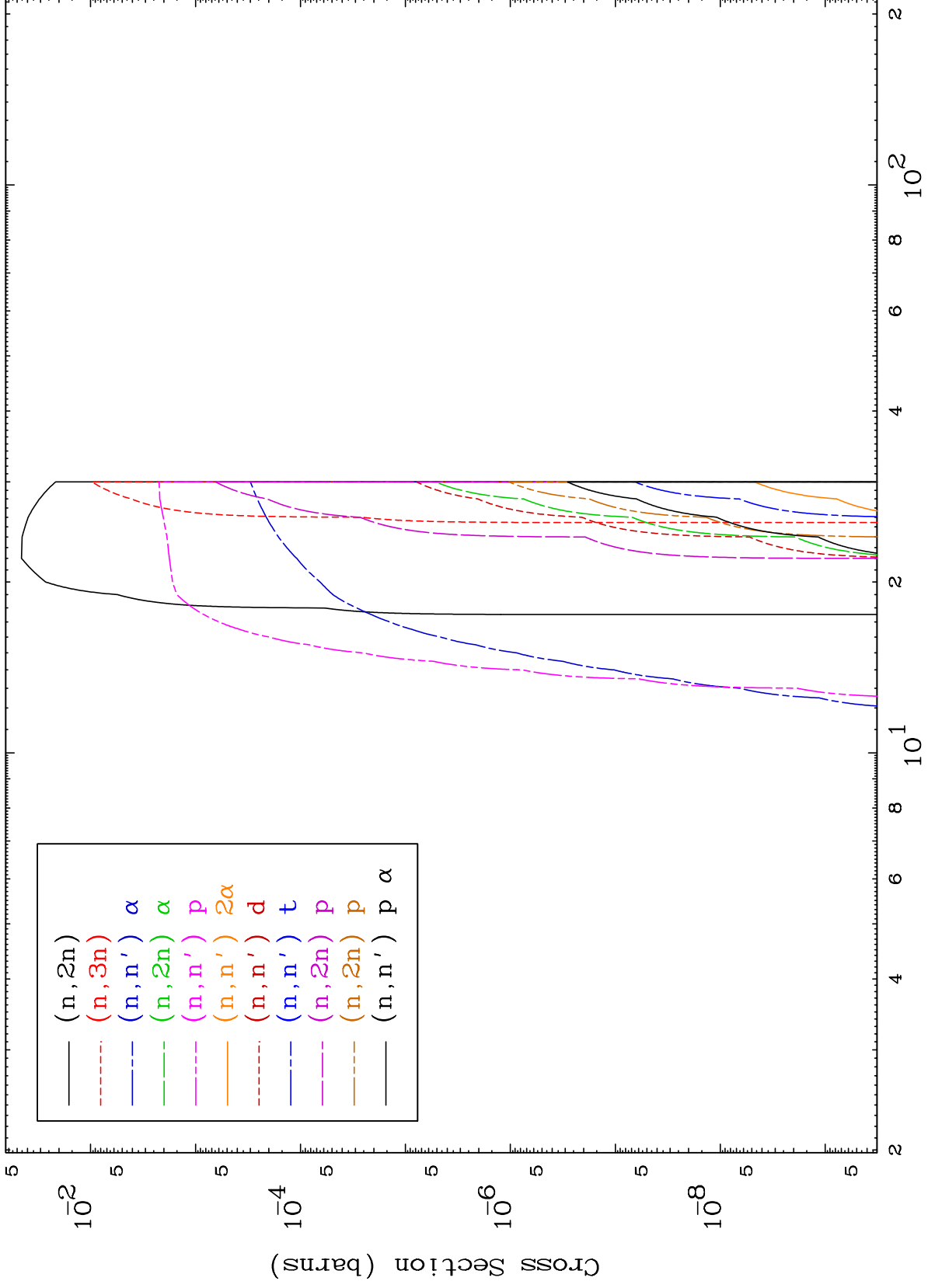
Photon Major

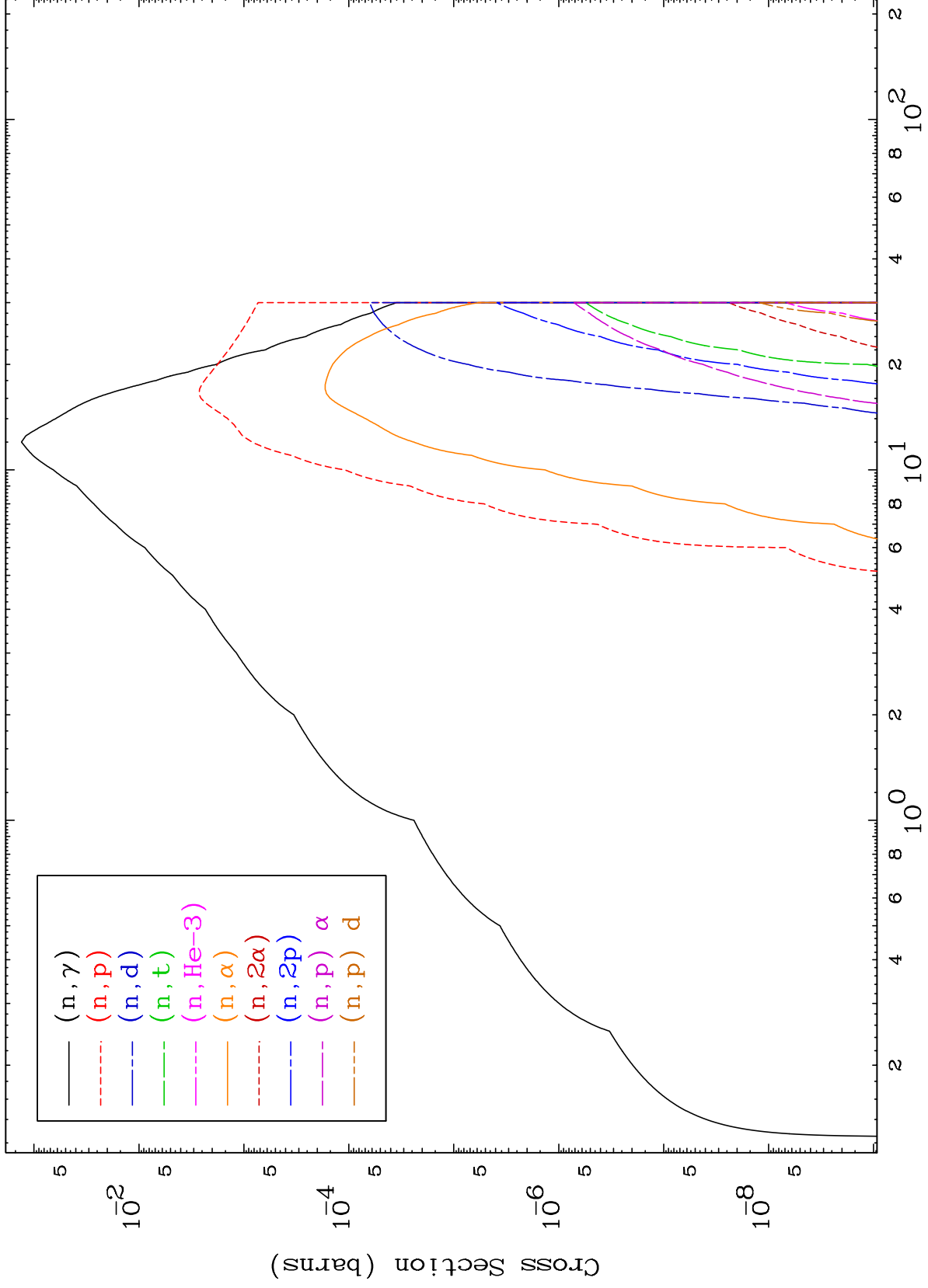
71-Lu-166

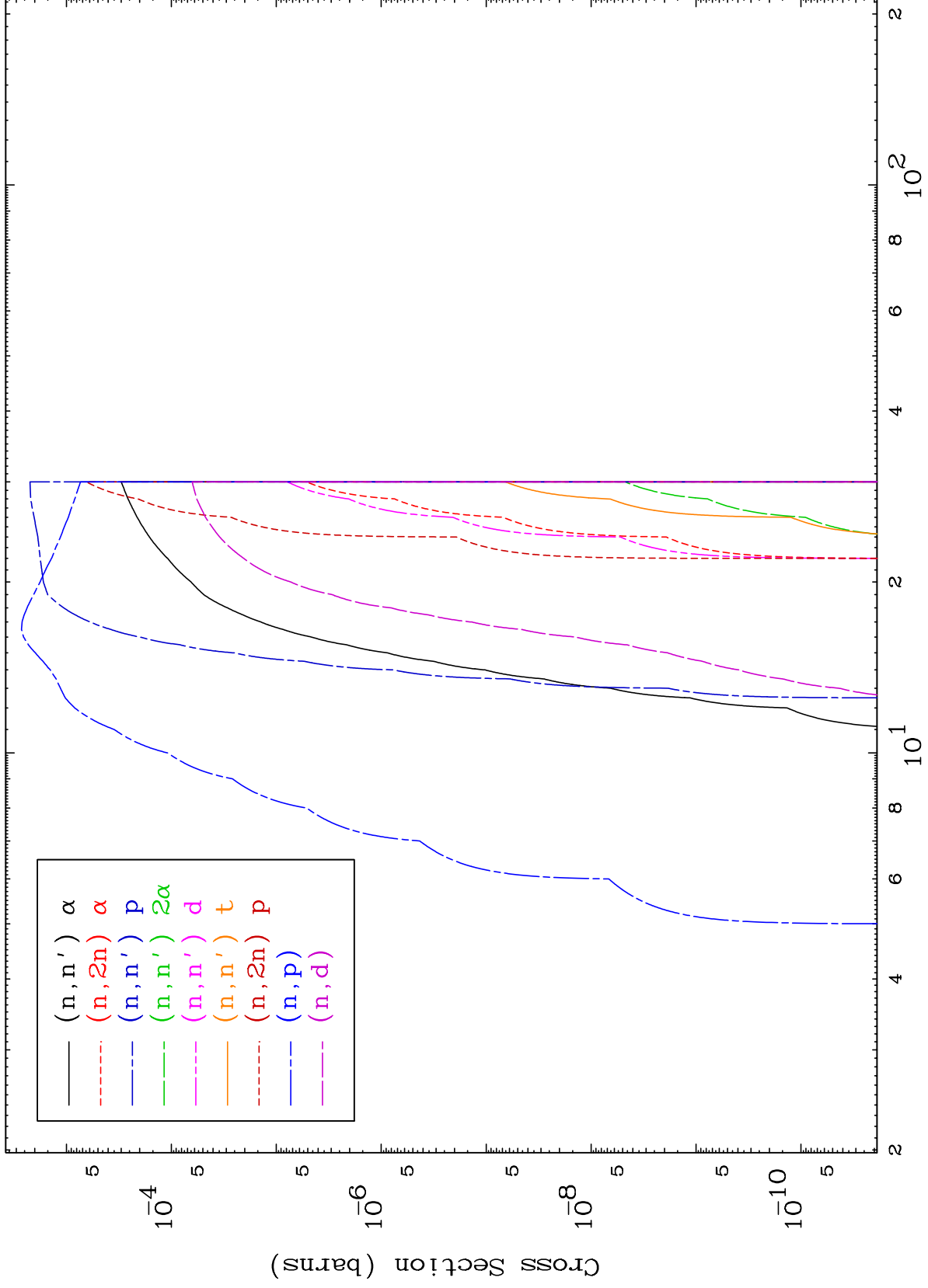
0 Kelvin Cross Sections

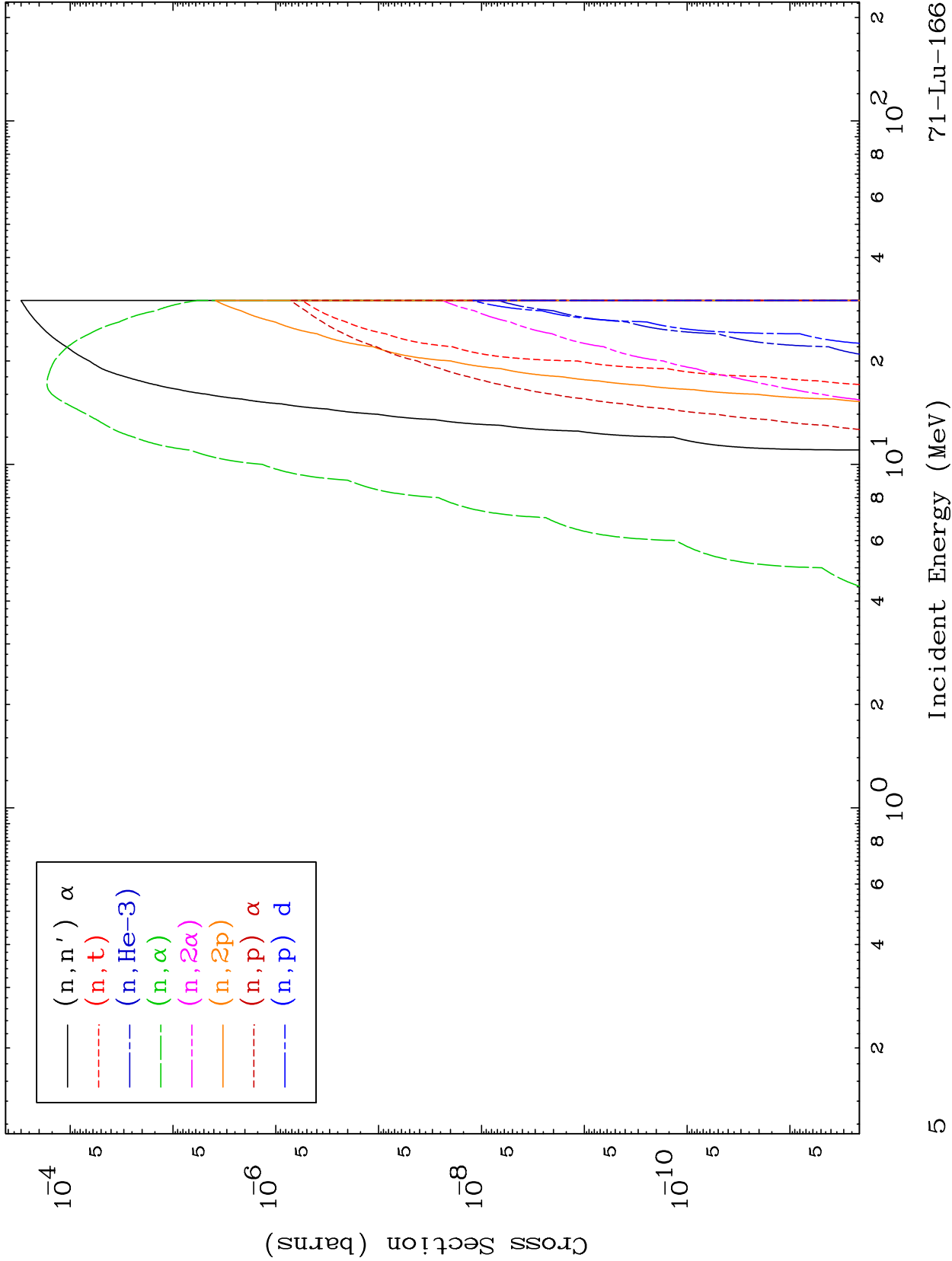


Legend:  
— Nonelastic  
- - - Inelastic  
- · - (n, 2n)  
- - - (n, 3n)  
- - - (n, γ)





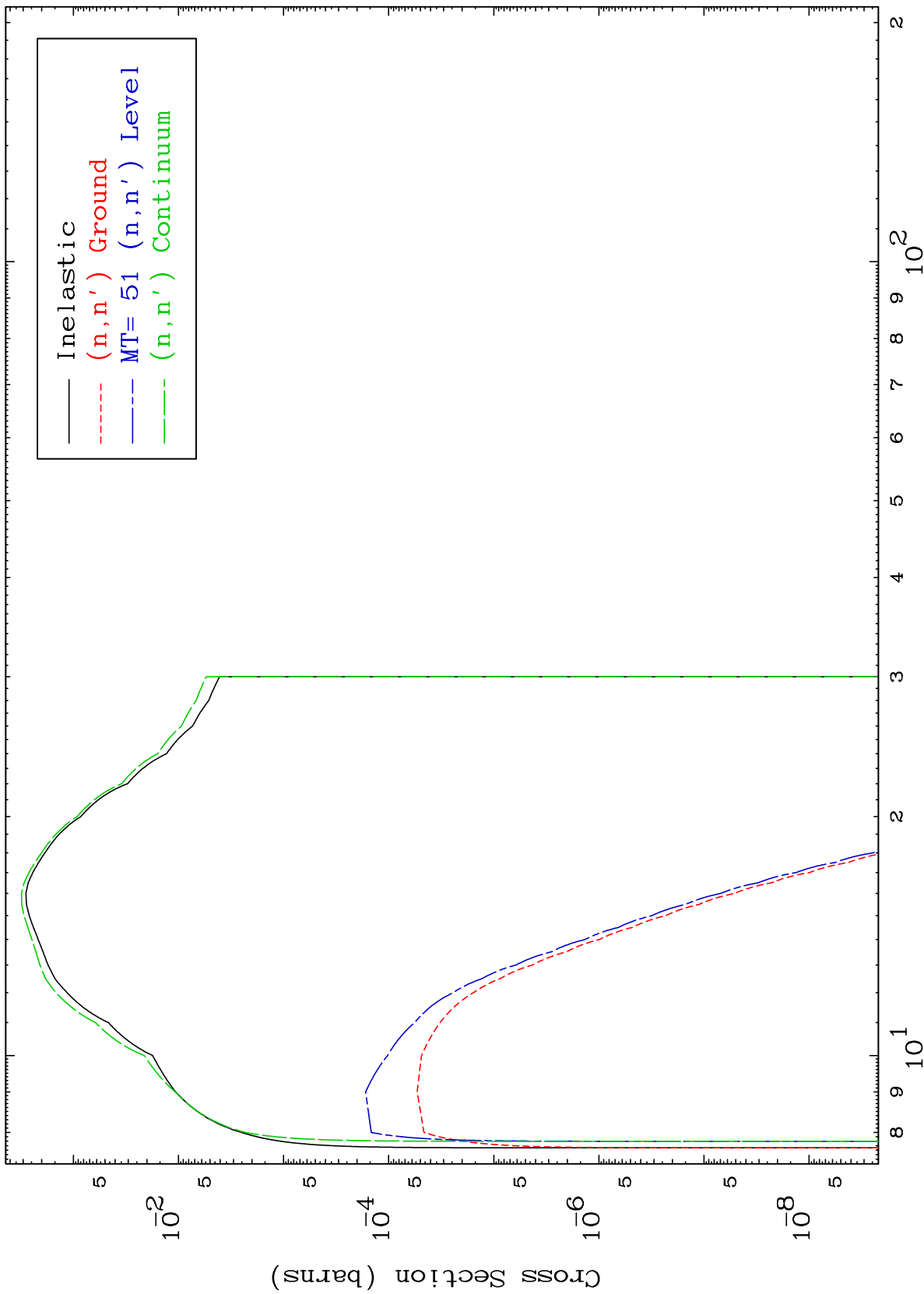




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71-Lu-166

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



71-Lu-166

Incident Energy (MeV)

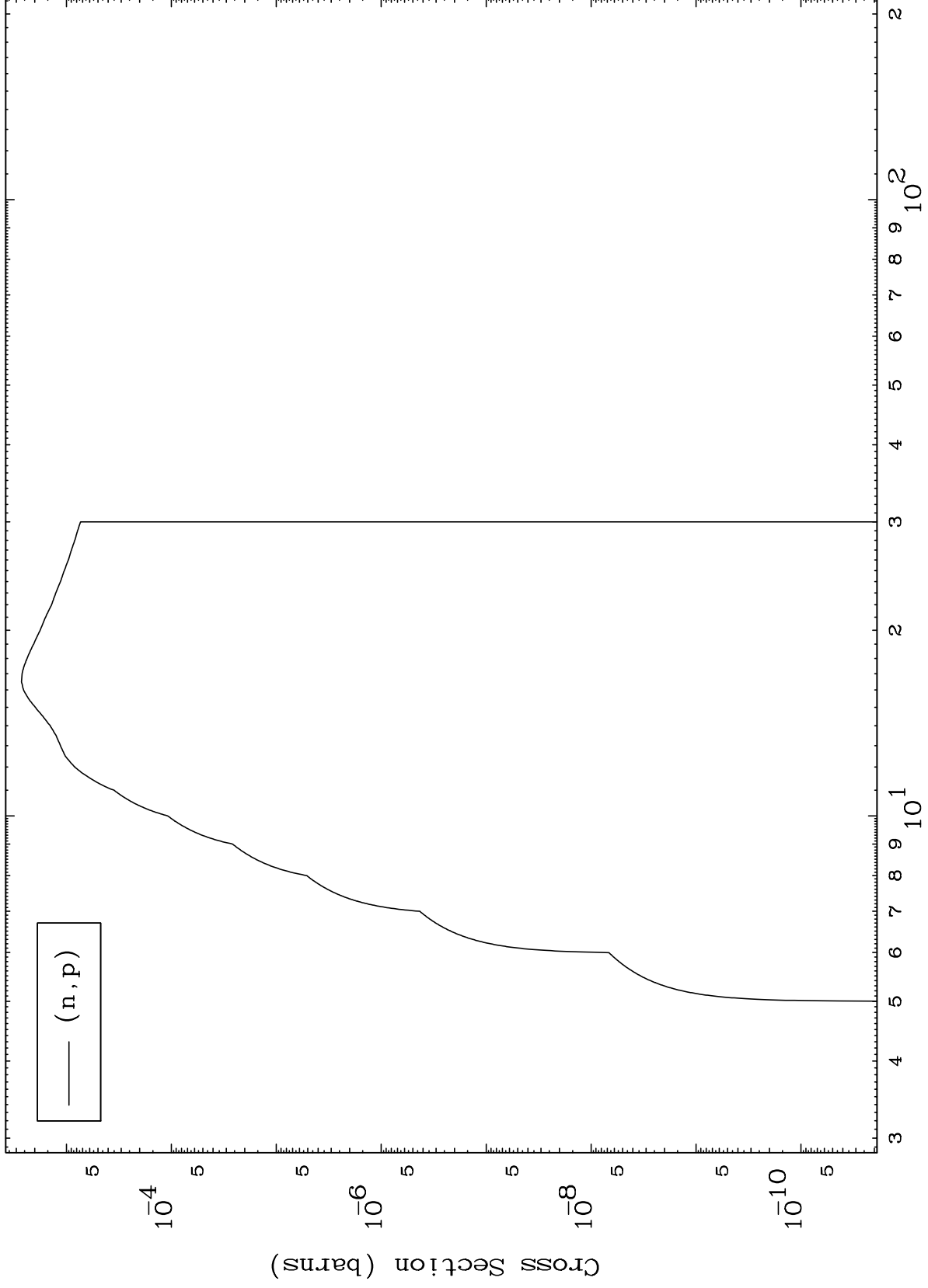
6

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( $\gamma, p$ ) Levels

71-Lu-166

0 Kelvin Cross Sections

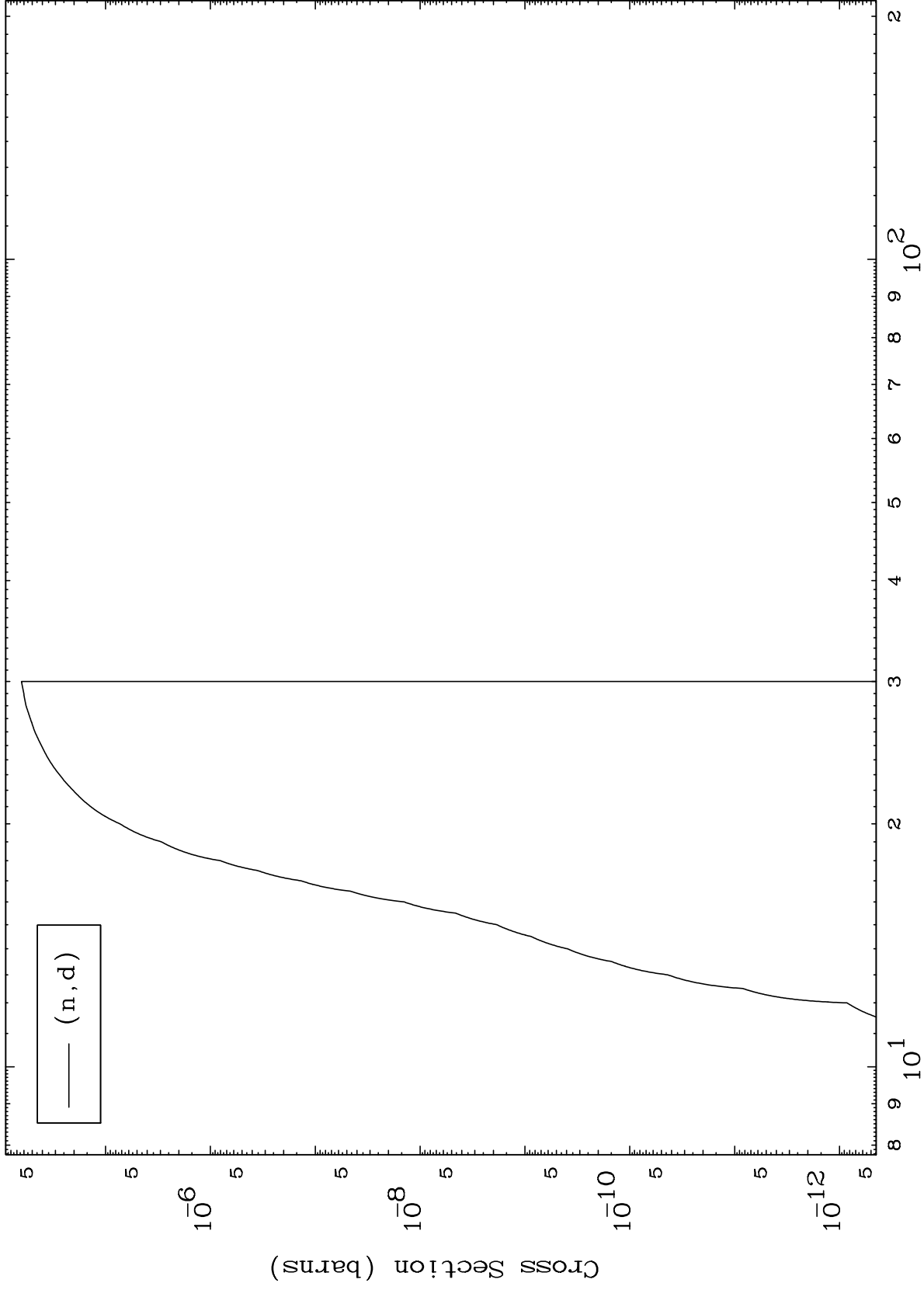


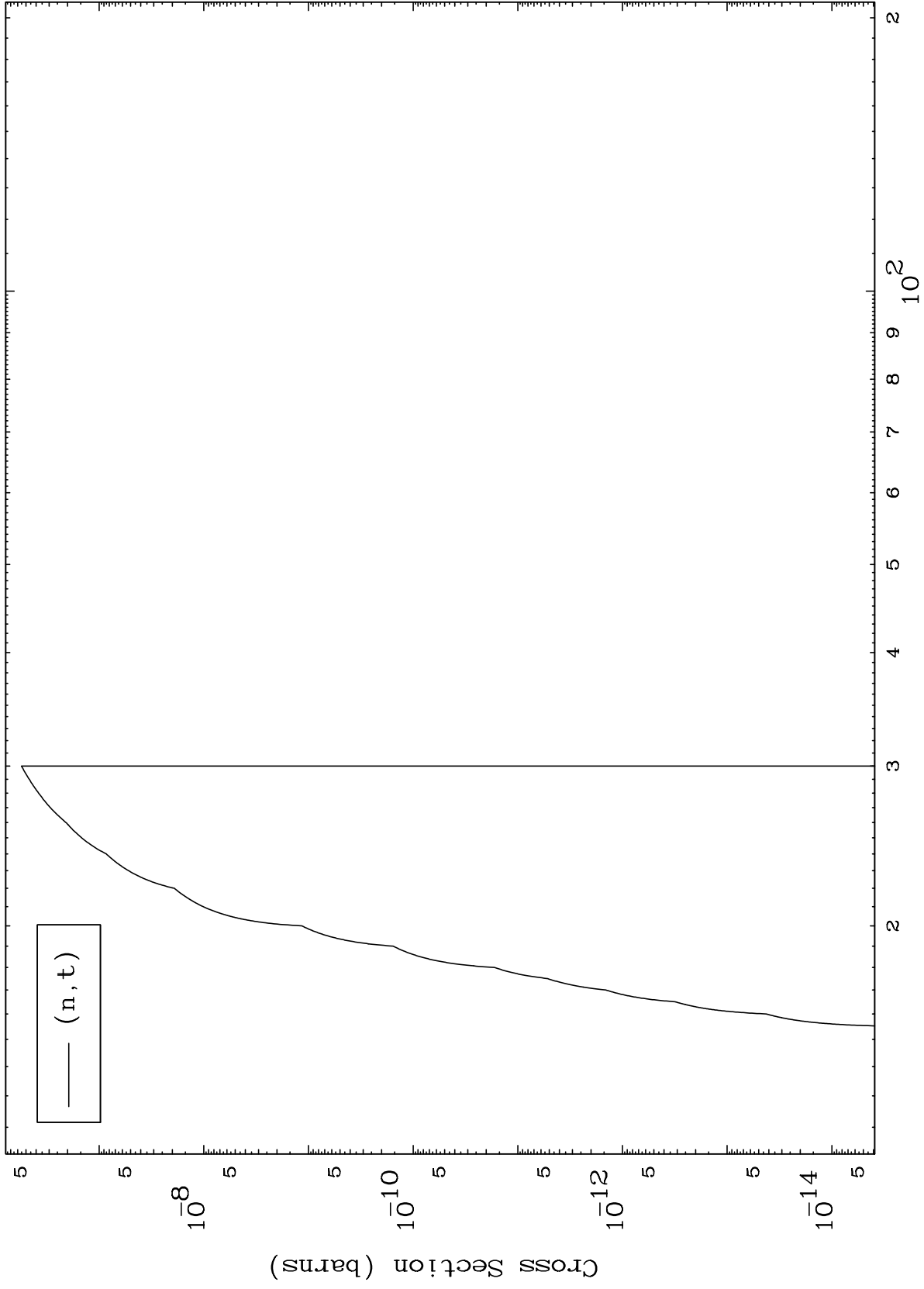
(n, p)

Incident Energy (MeV)

71-Lu-166

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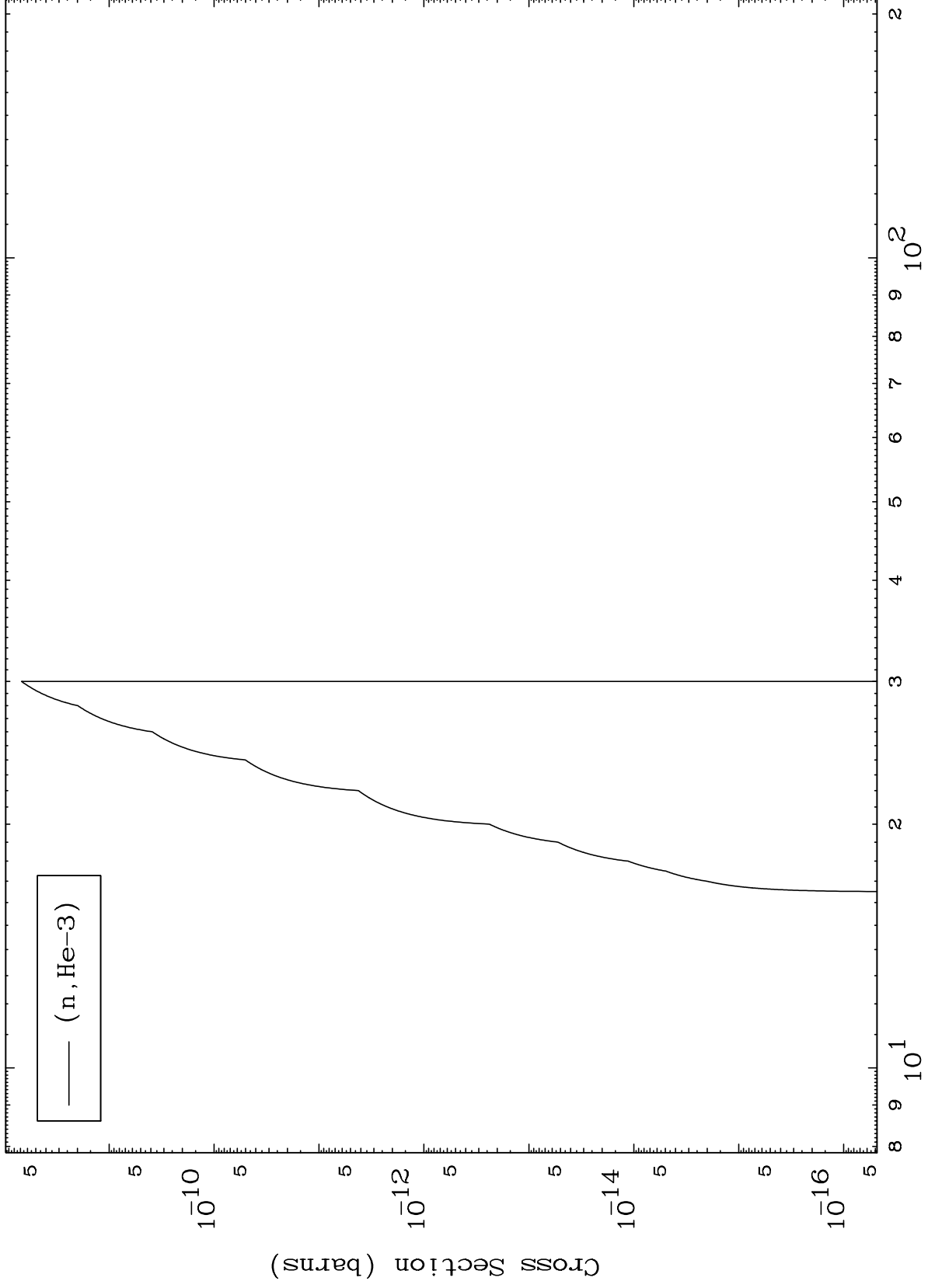




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( $\gamma$ , He3) Levels  
0 Kelvin Cross Sections

71-Lu-166



10

Incident Energy (MeV)

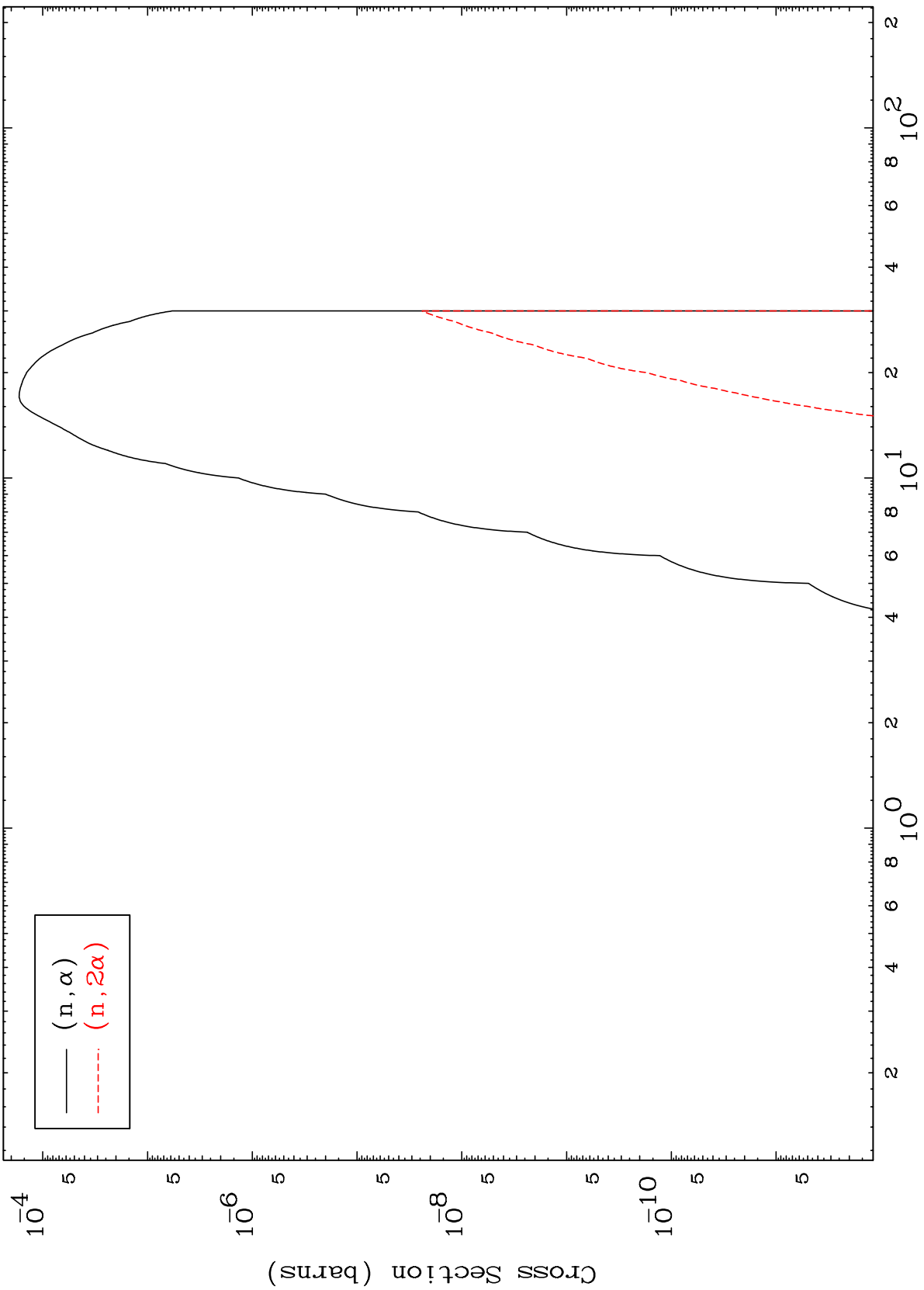
71-Lu-166

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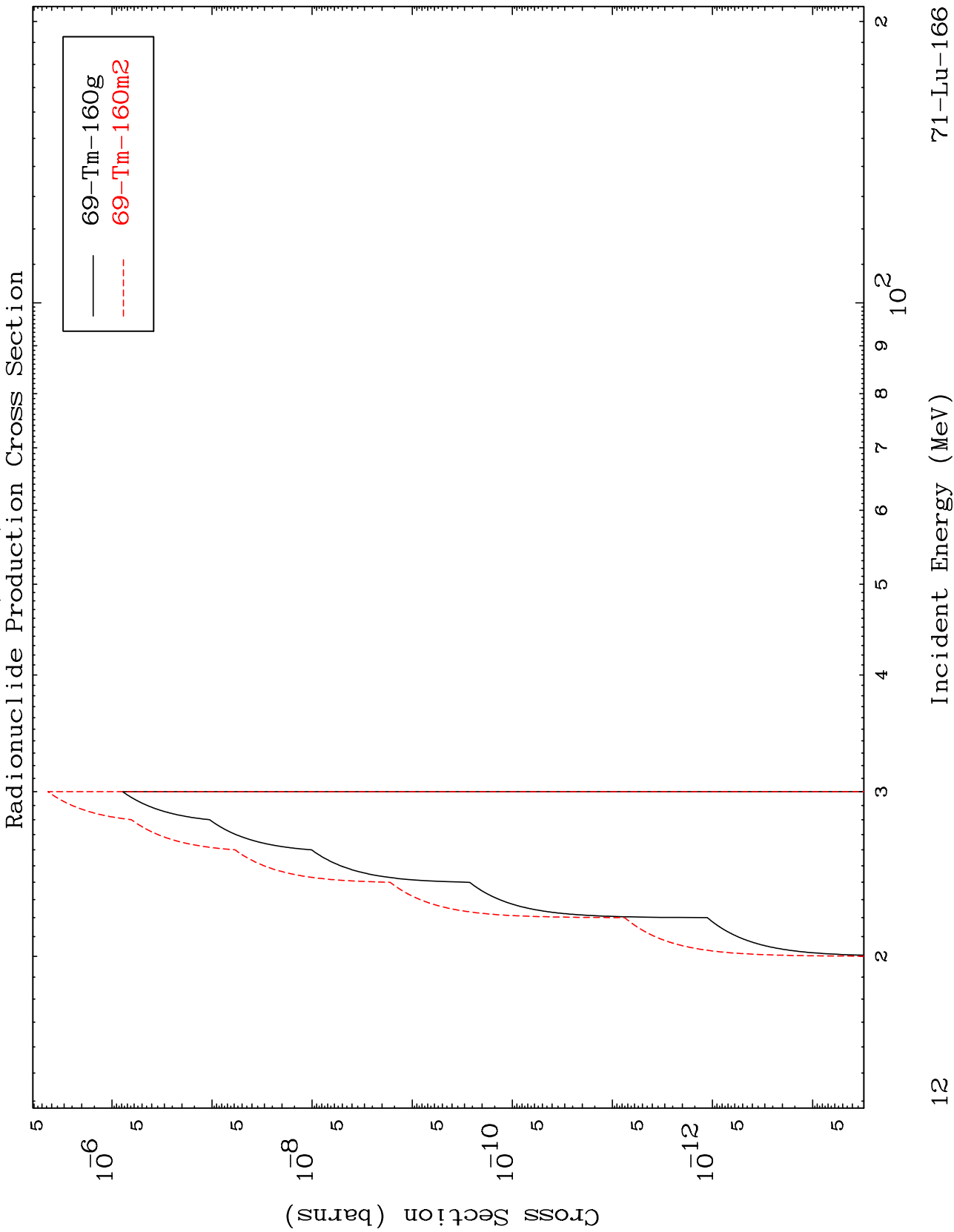
( $\gamma, \alpha$ ) Levels

<sup>71</sup>Lu-166

0 Kelvin Cross Sections



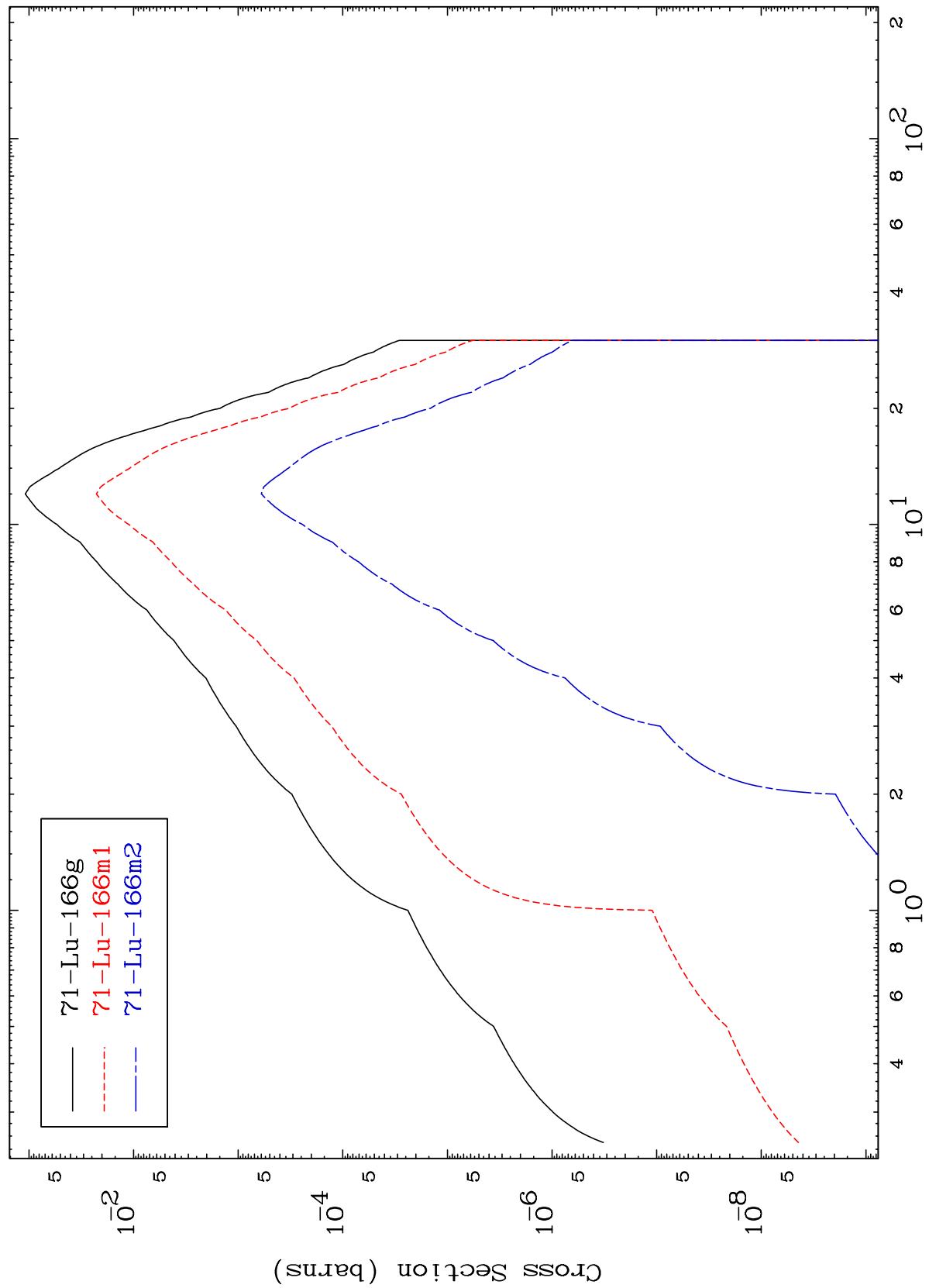
— (n, α)  
- - - (n, 2α)



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71-Lu-166

(n,γ)  
Radionuclide Production Cross Section



71-Lu-166g  
71-Lu-166m1  
71-Lu-166m2

71-Lu-166

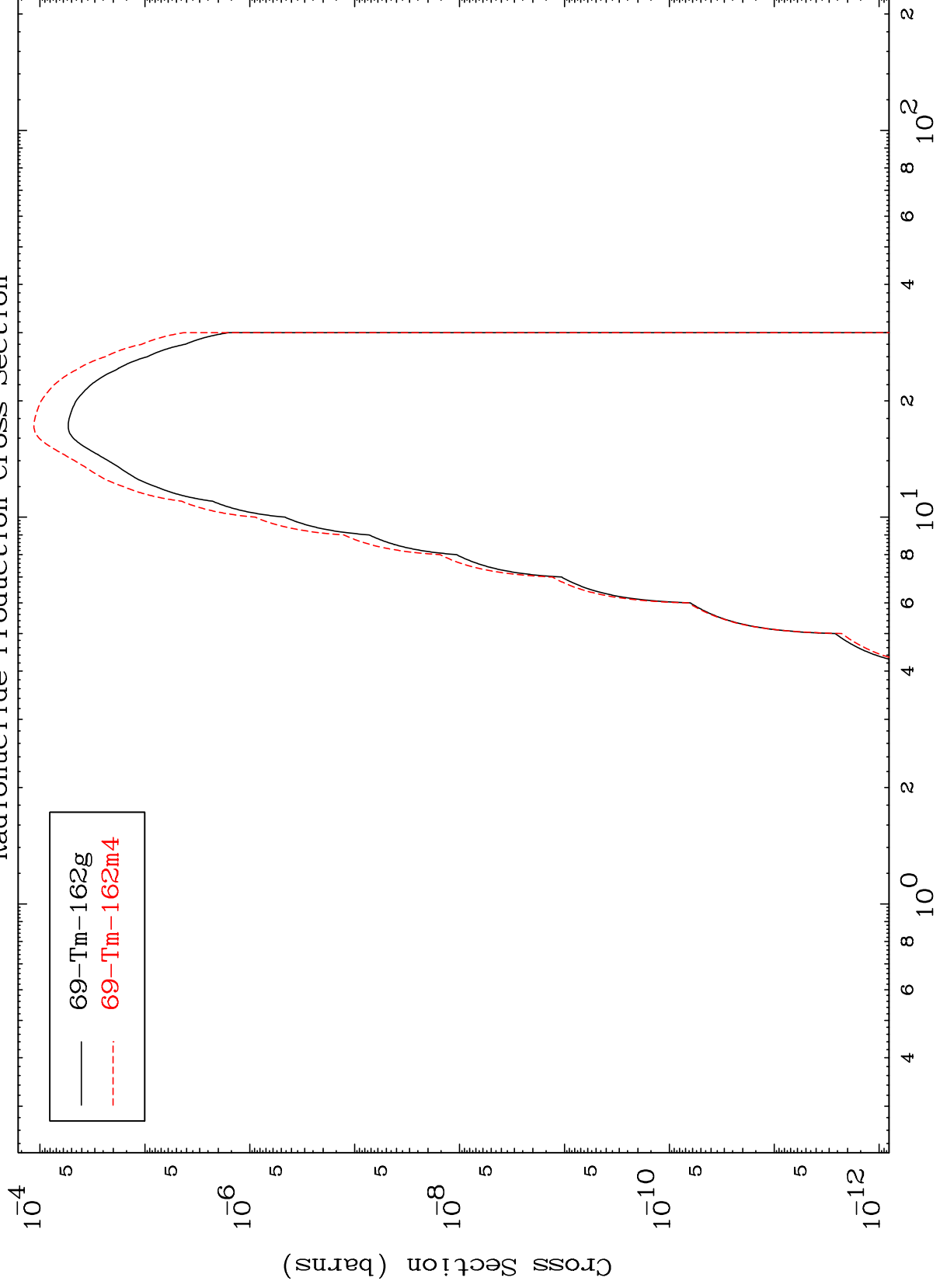
Incident Energy (MeV)

13

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71-Lu-166

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



14

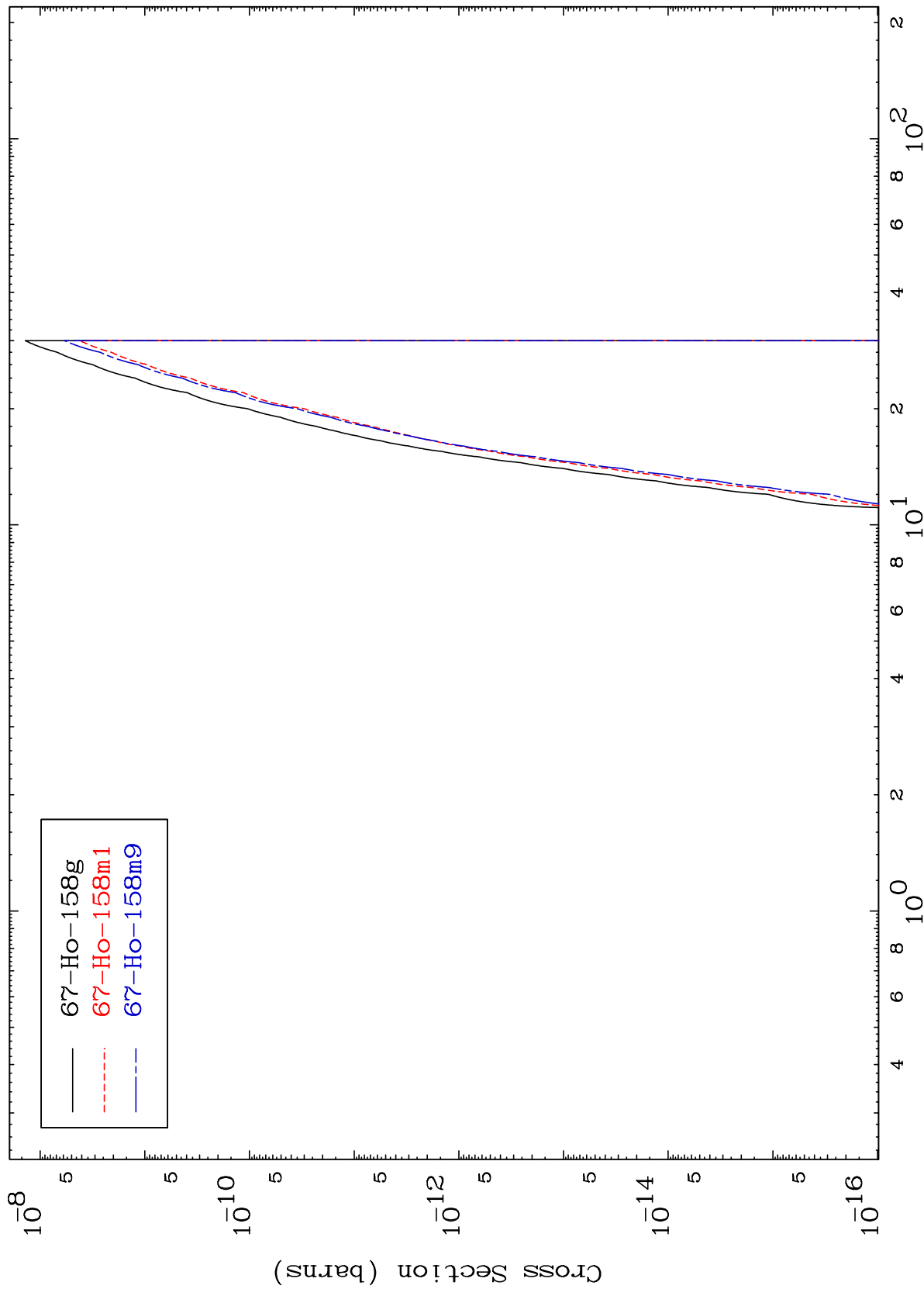
Incident Energy (MeV)

71-Lu-166

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71-Lu-166

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



71-Lu-166

Incident Energy (MeV)

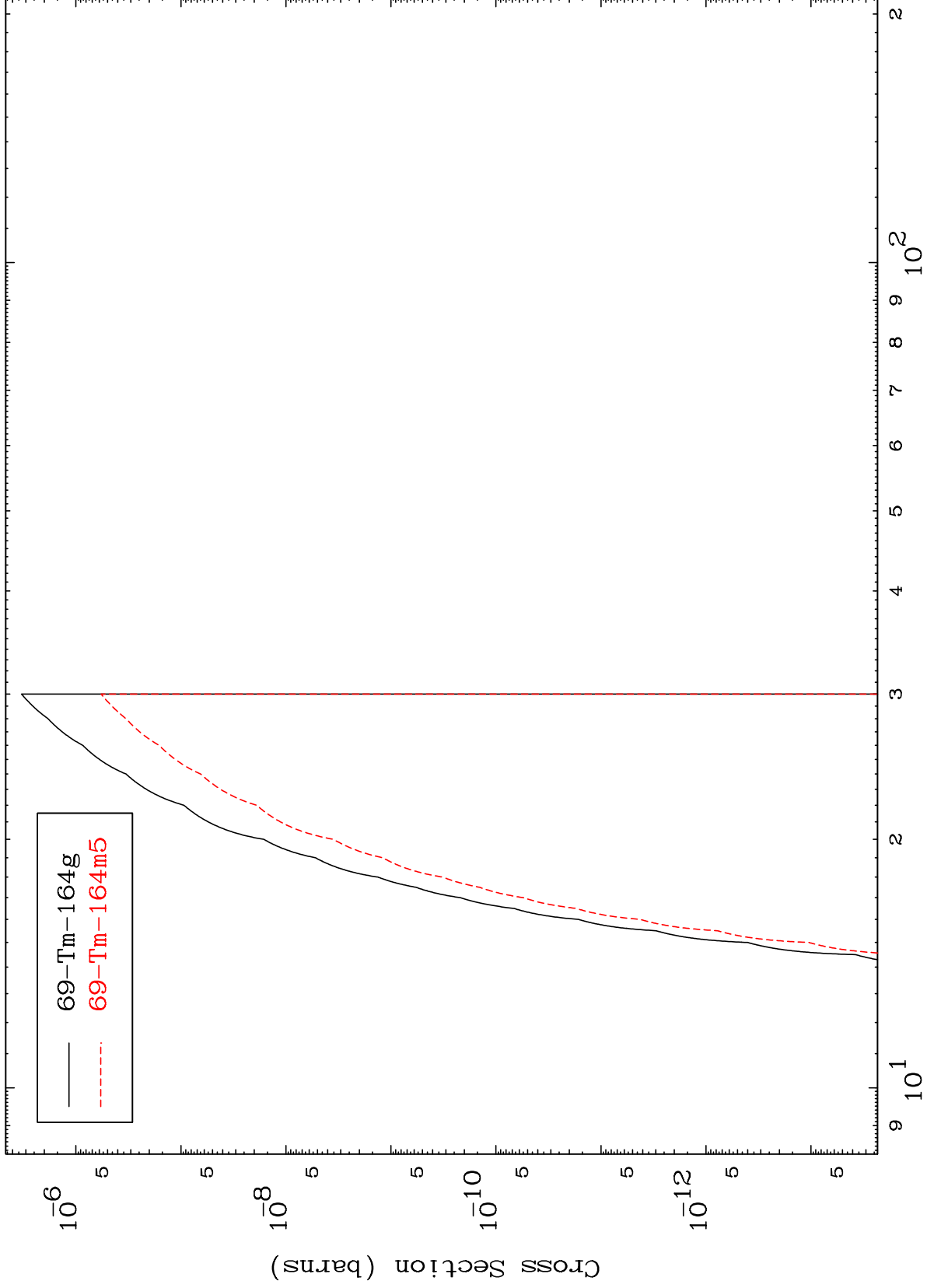
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(n,2p)

71-Lu-166

Radionuclide Production Cross Section



16

Incident Energy (MeV)

71-Lu-166