

Program EVALPLOT  
(Version 2021-1)

by

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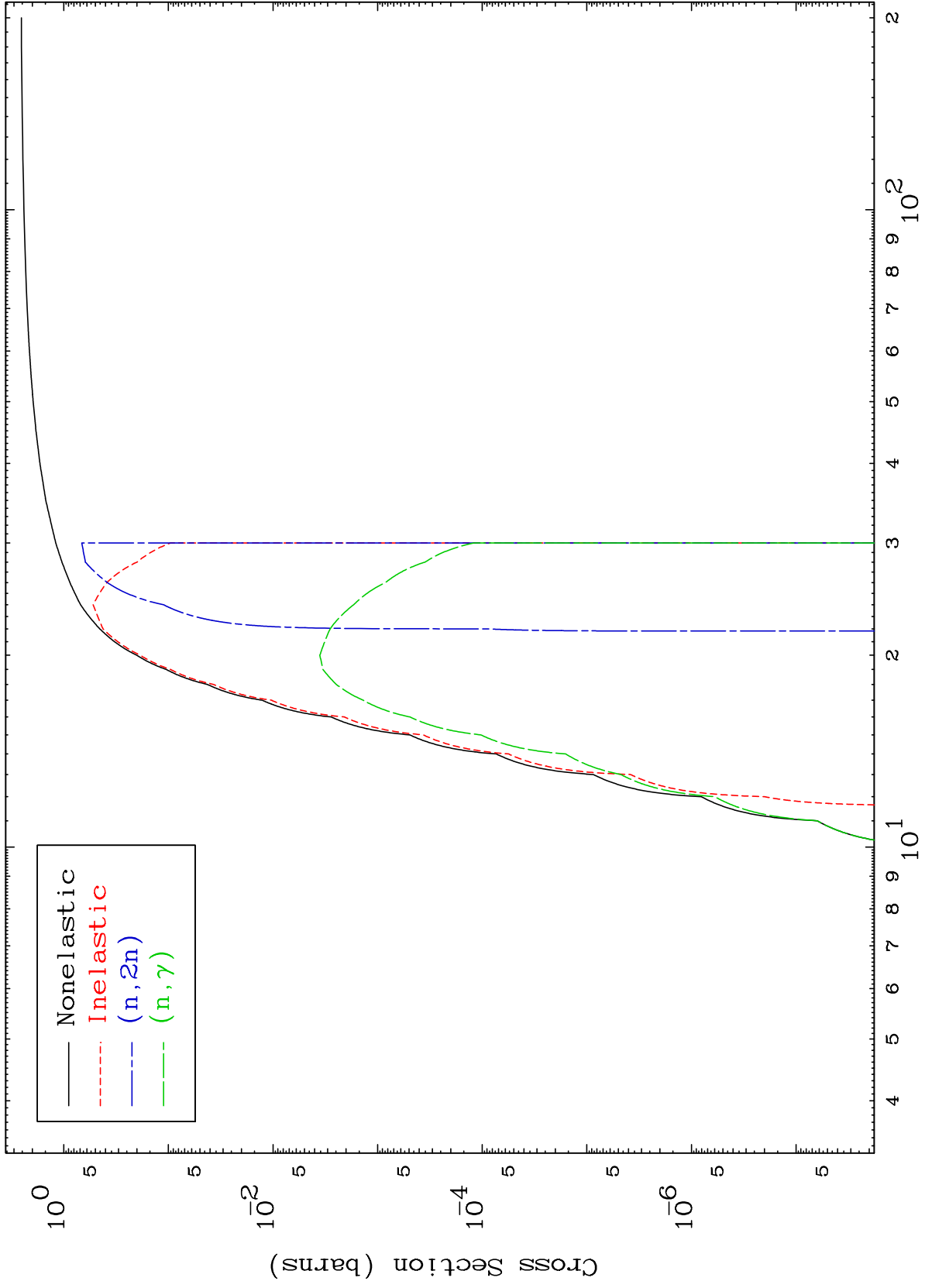
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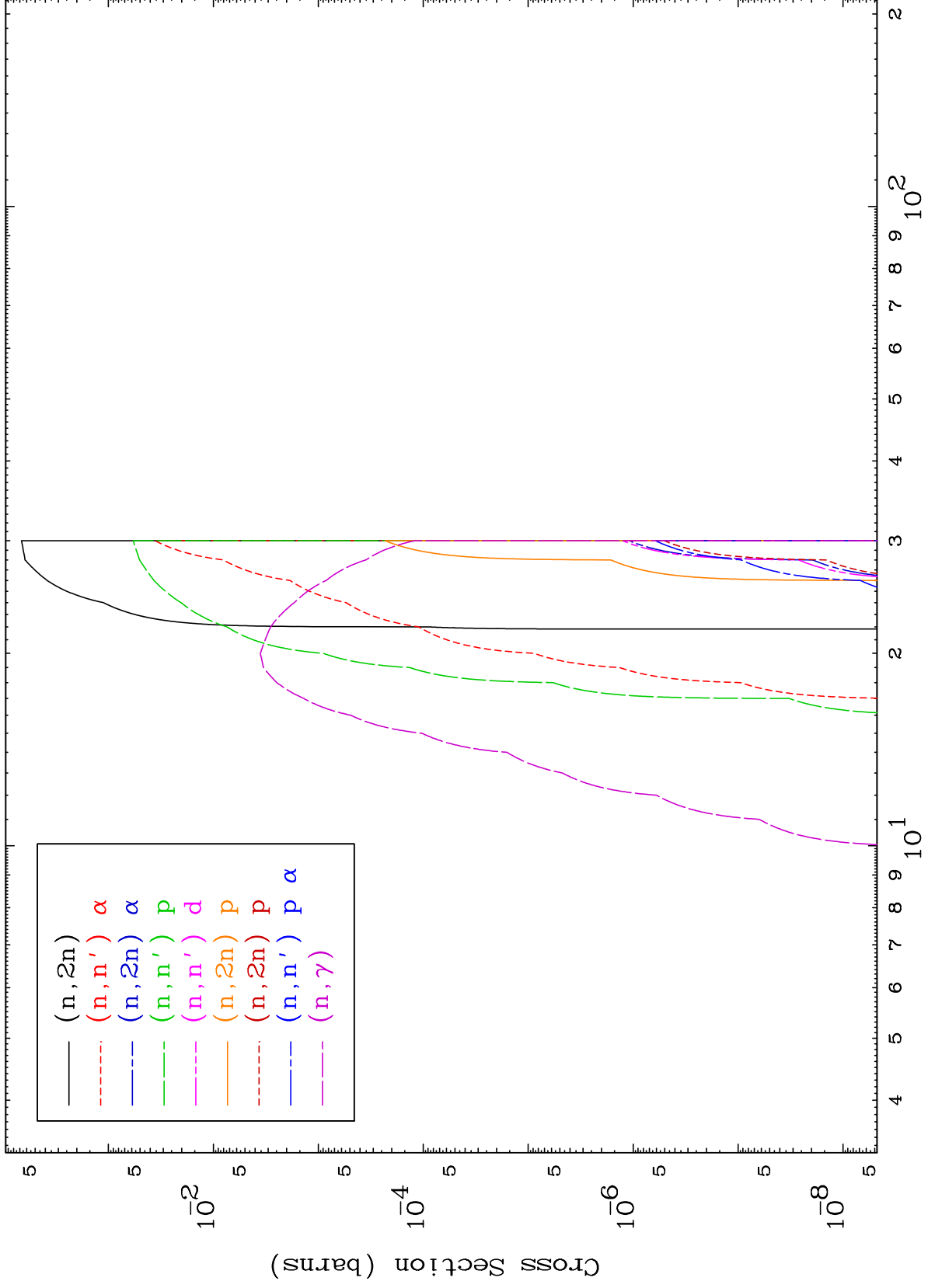
Press Mouse Button to Start

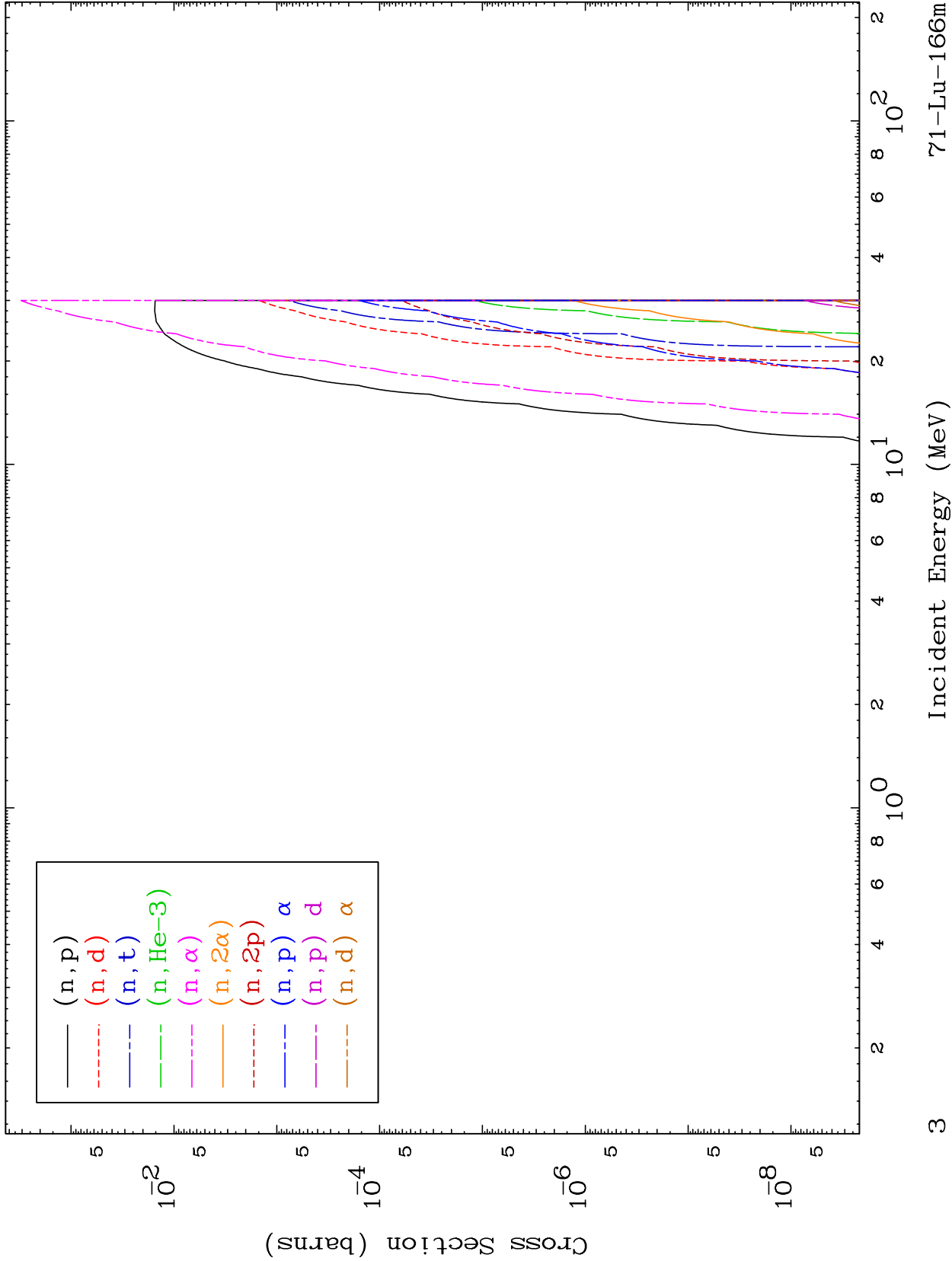
MAT 7099

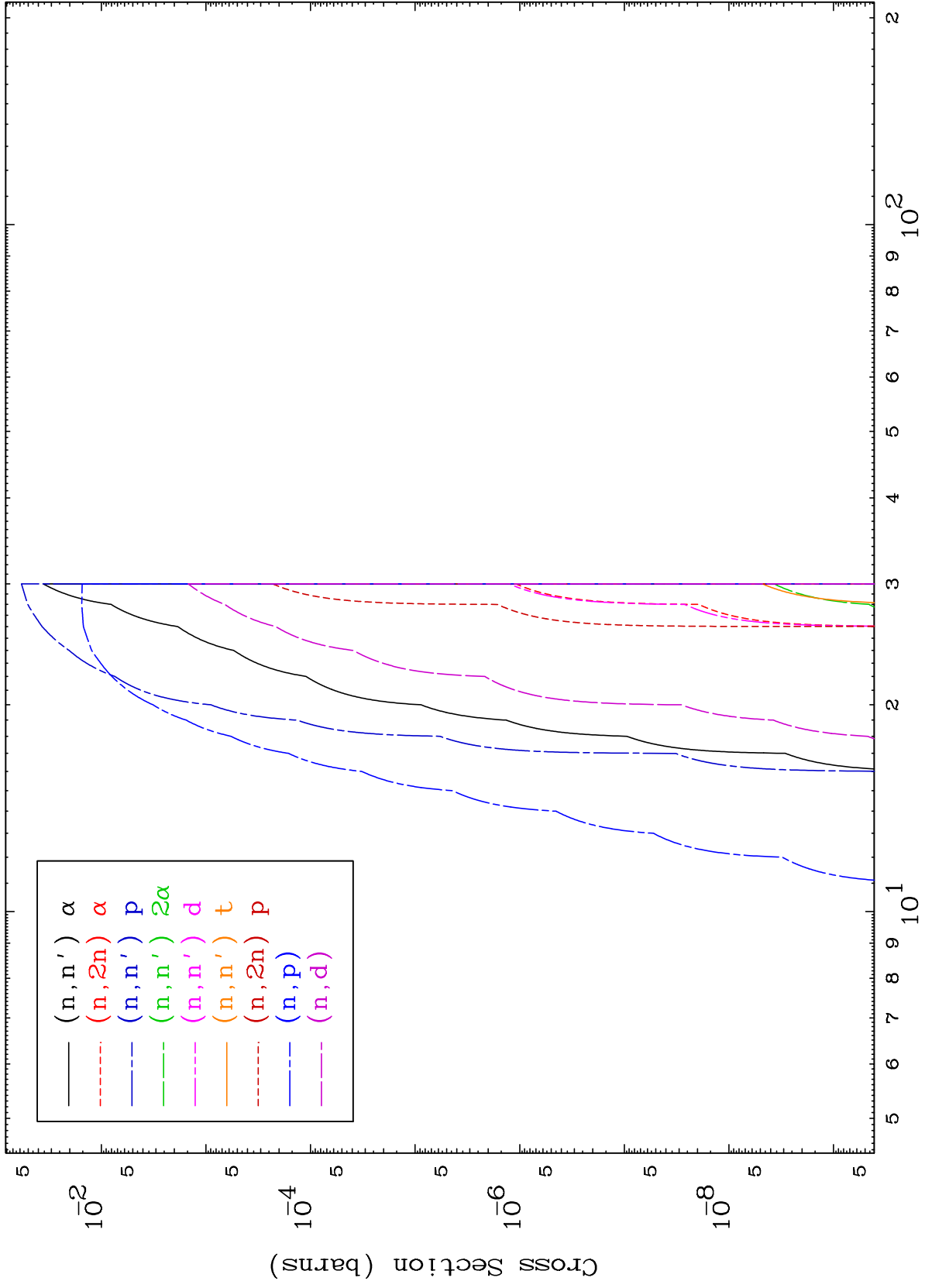
0 Kelvin  
 $\alpha$  Major Cross Sections

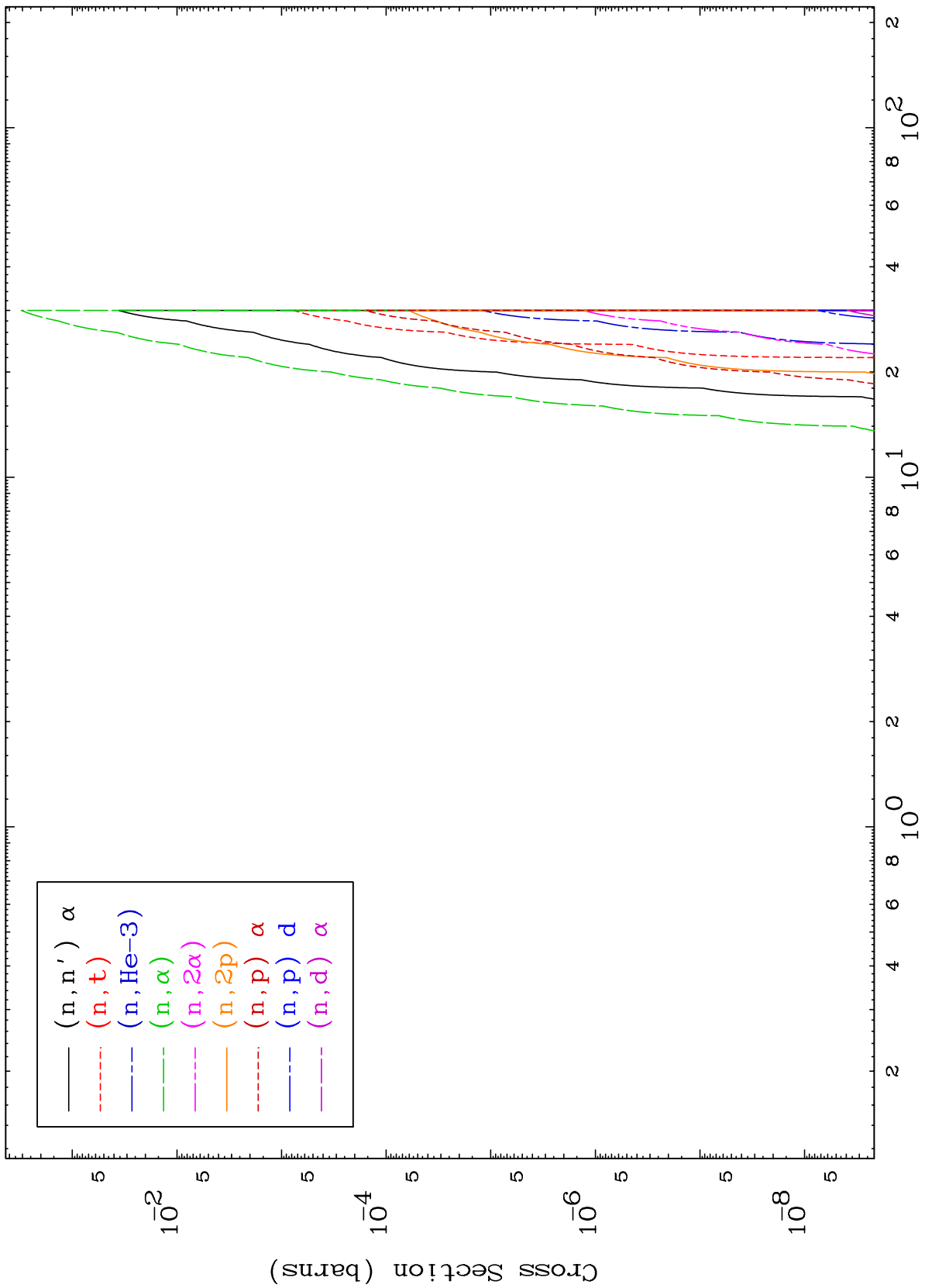
<sup>71</sup>Lu-166m







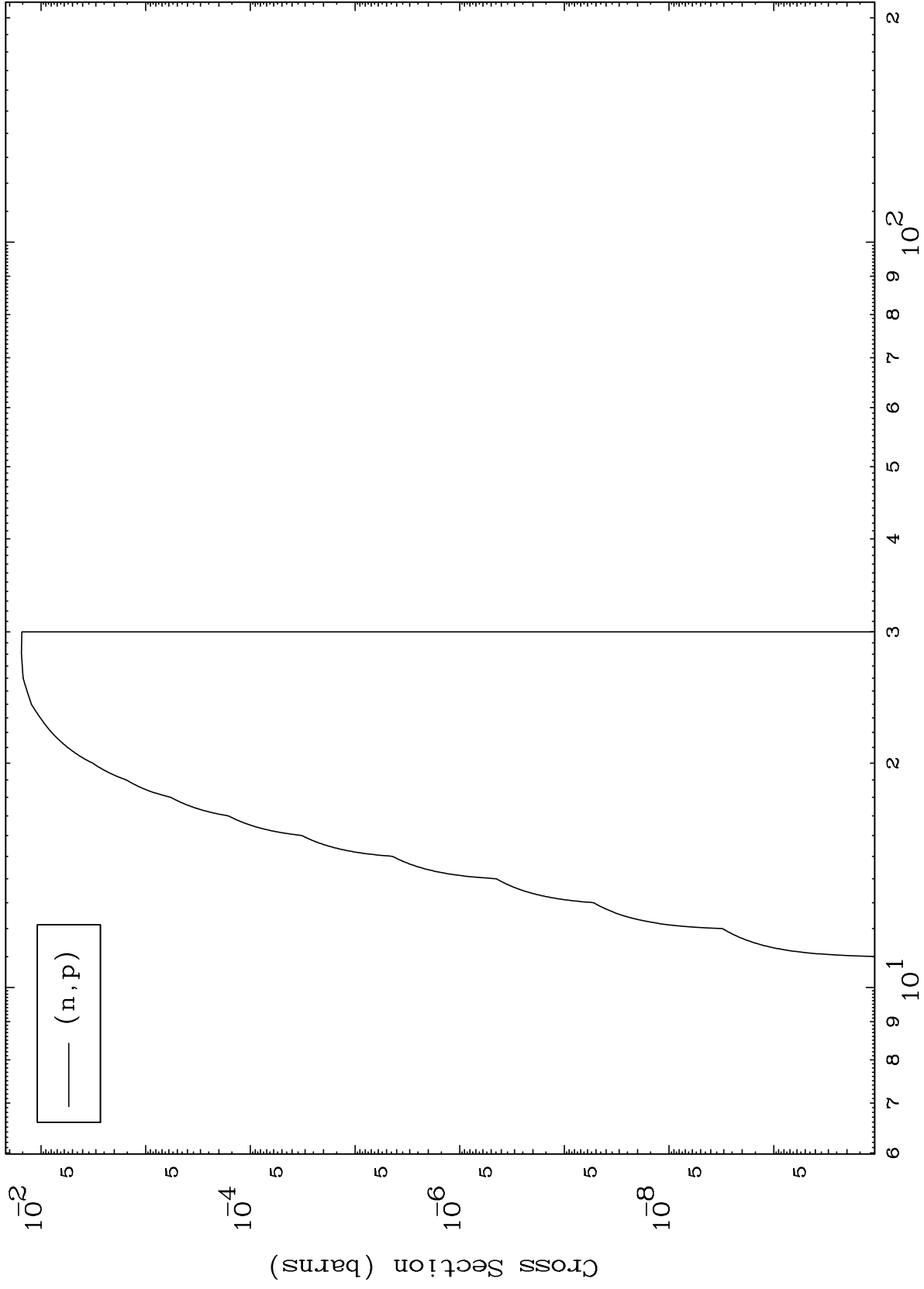




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( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

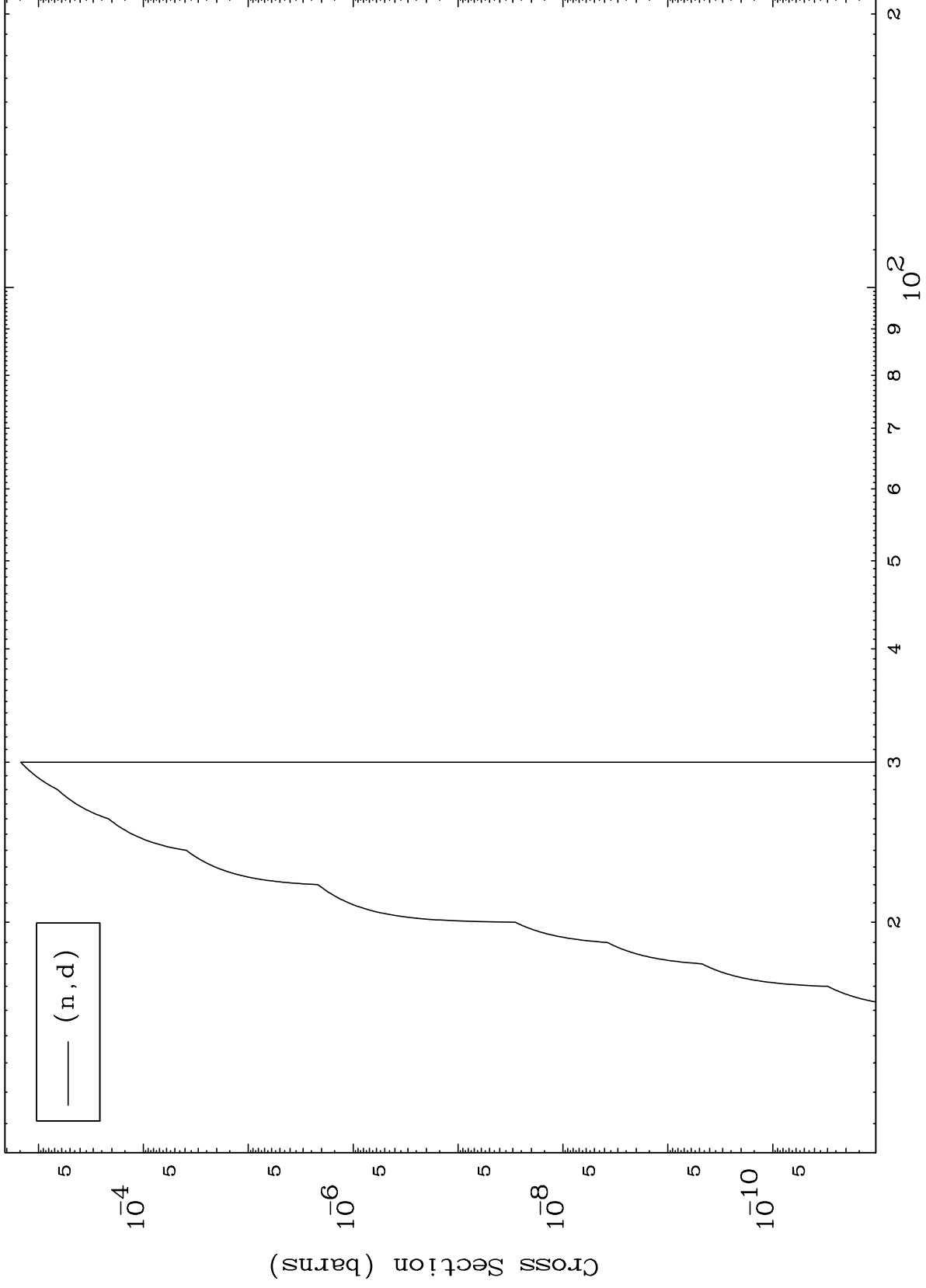
71-Lu-166m



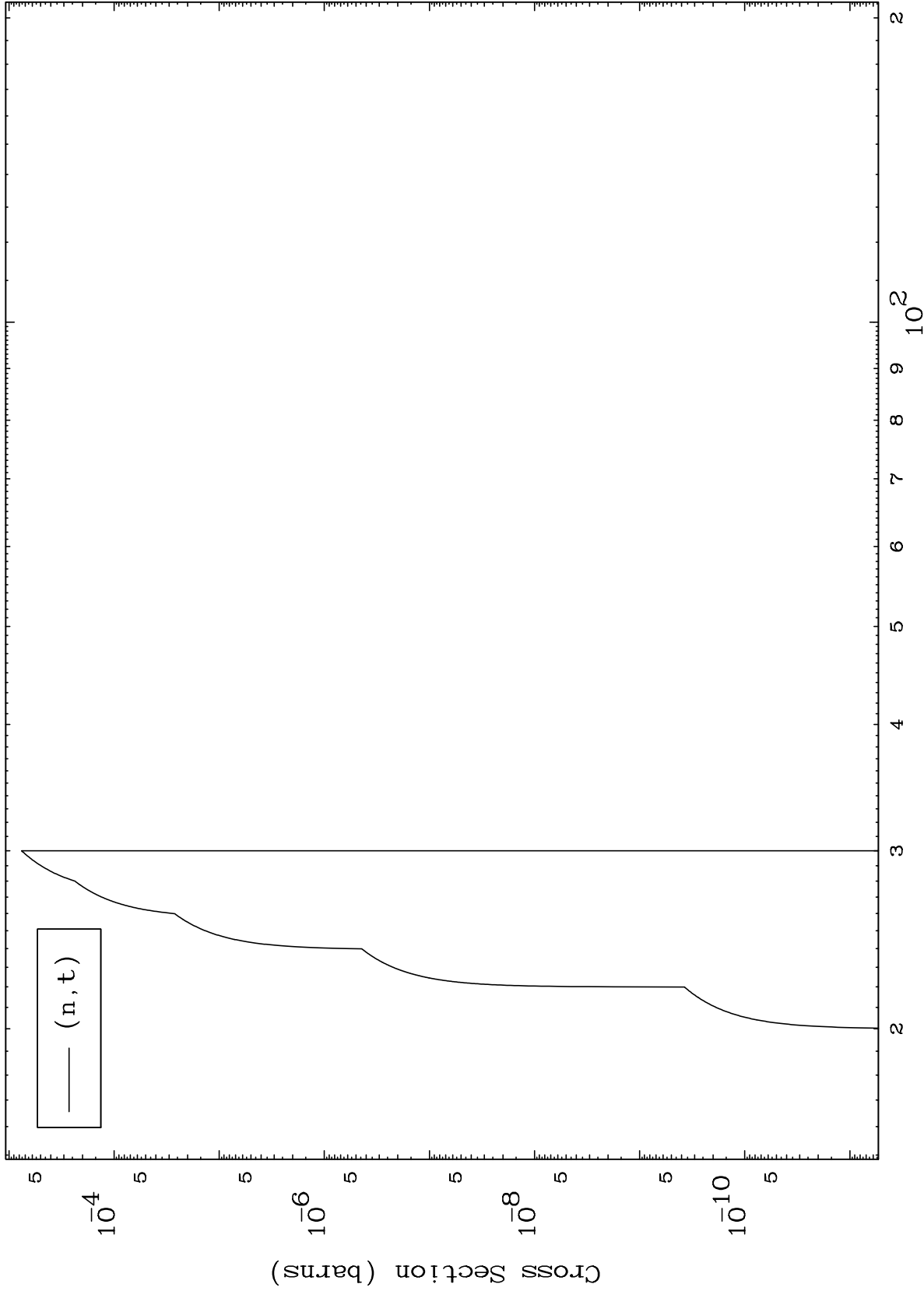
6

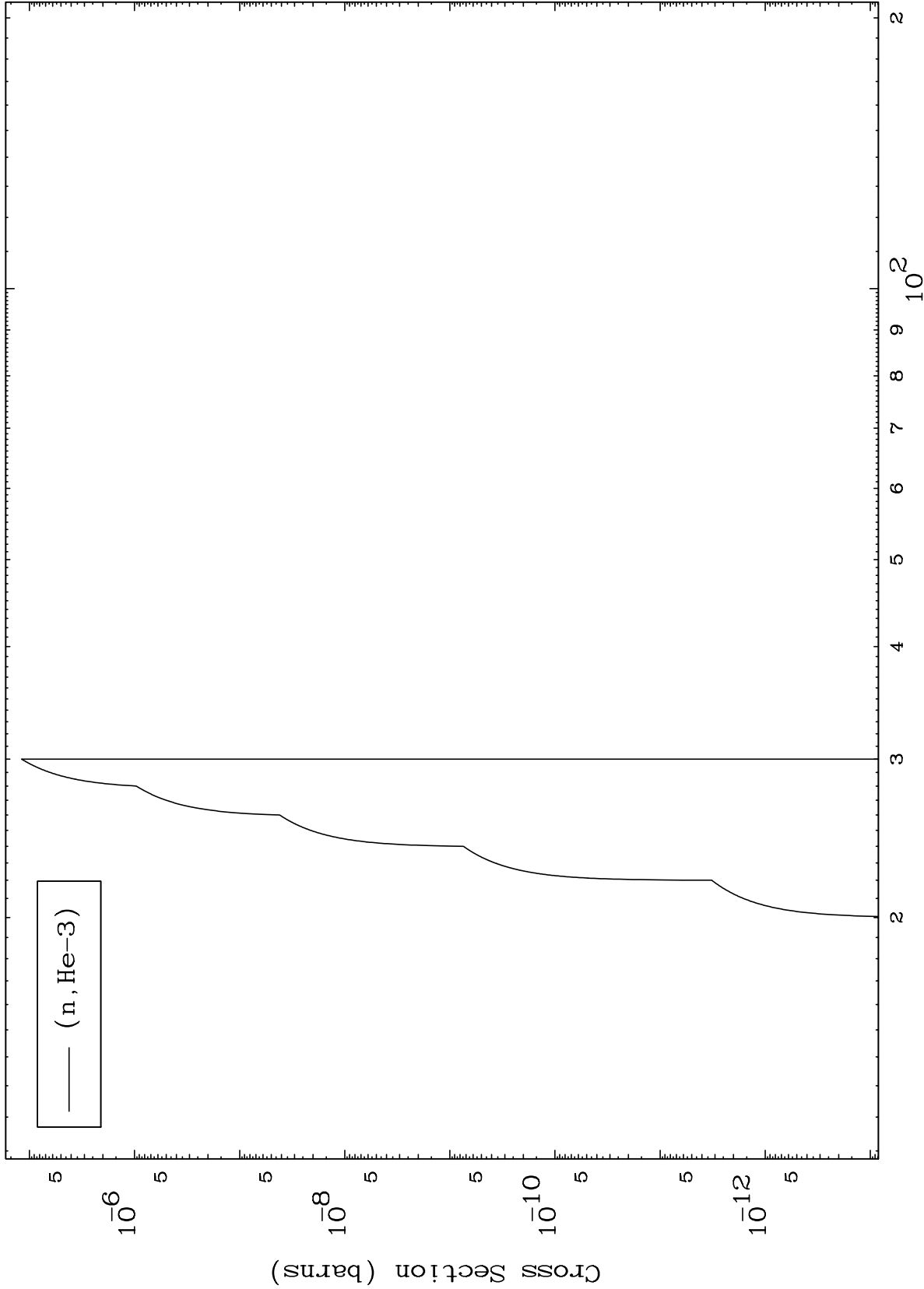
Incident Energy (MeV)

71-Lu-166m







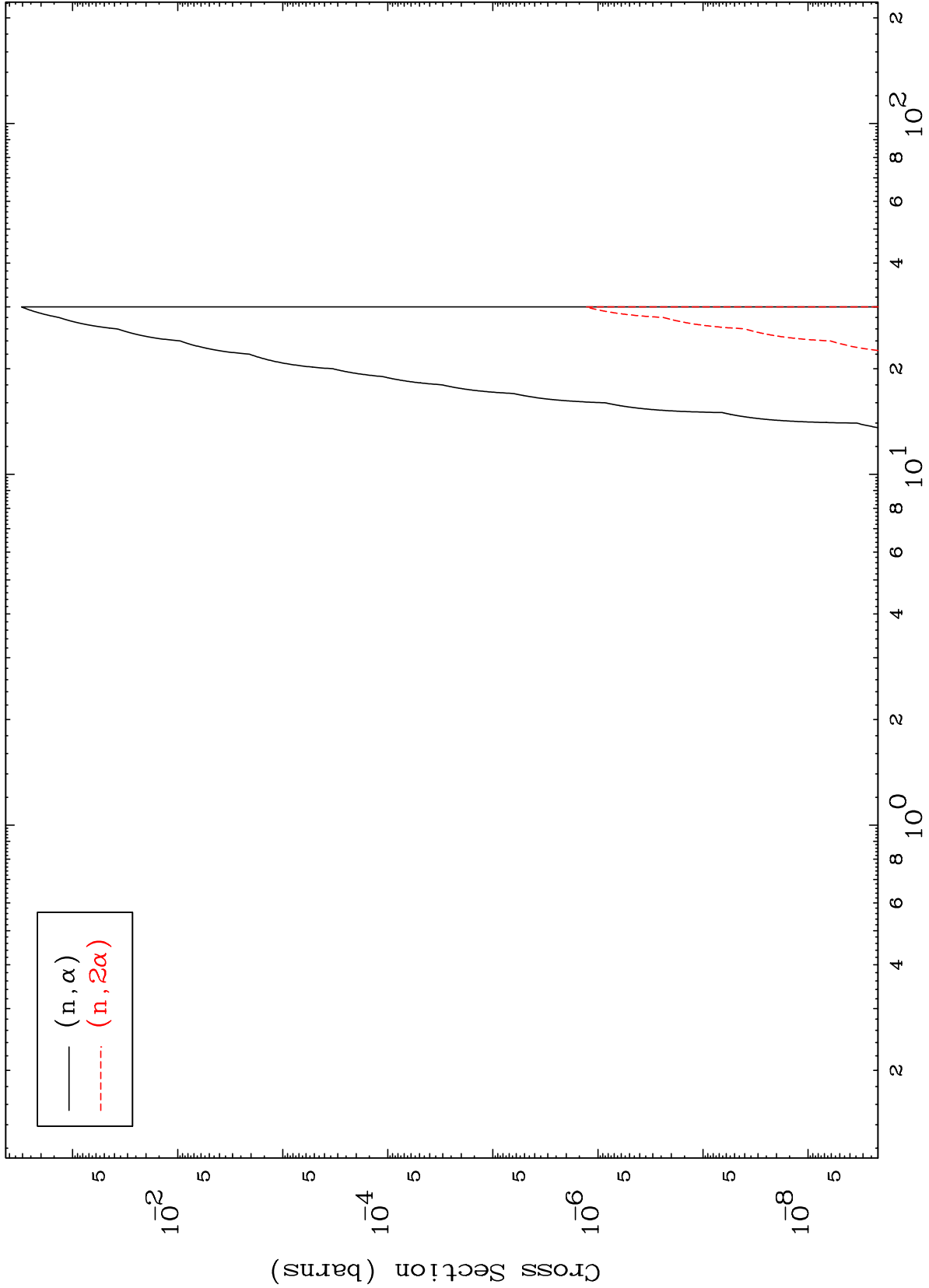


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( $\alpha, \alpha$ ) Levels

$^{71}\text{Lu-166m}$

0 Kelvin Cross Sections



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

10

Incident Energy (MeV)

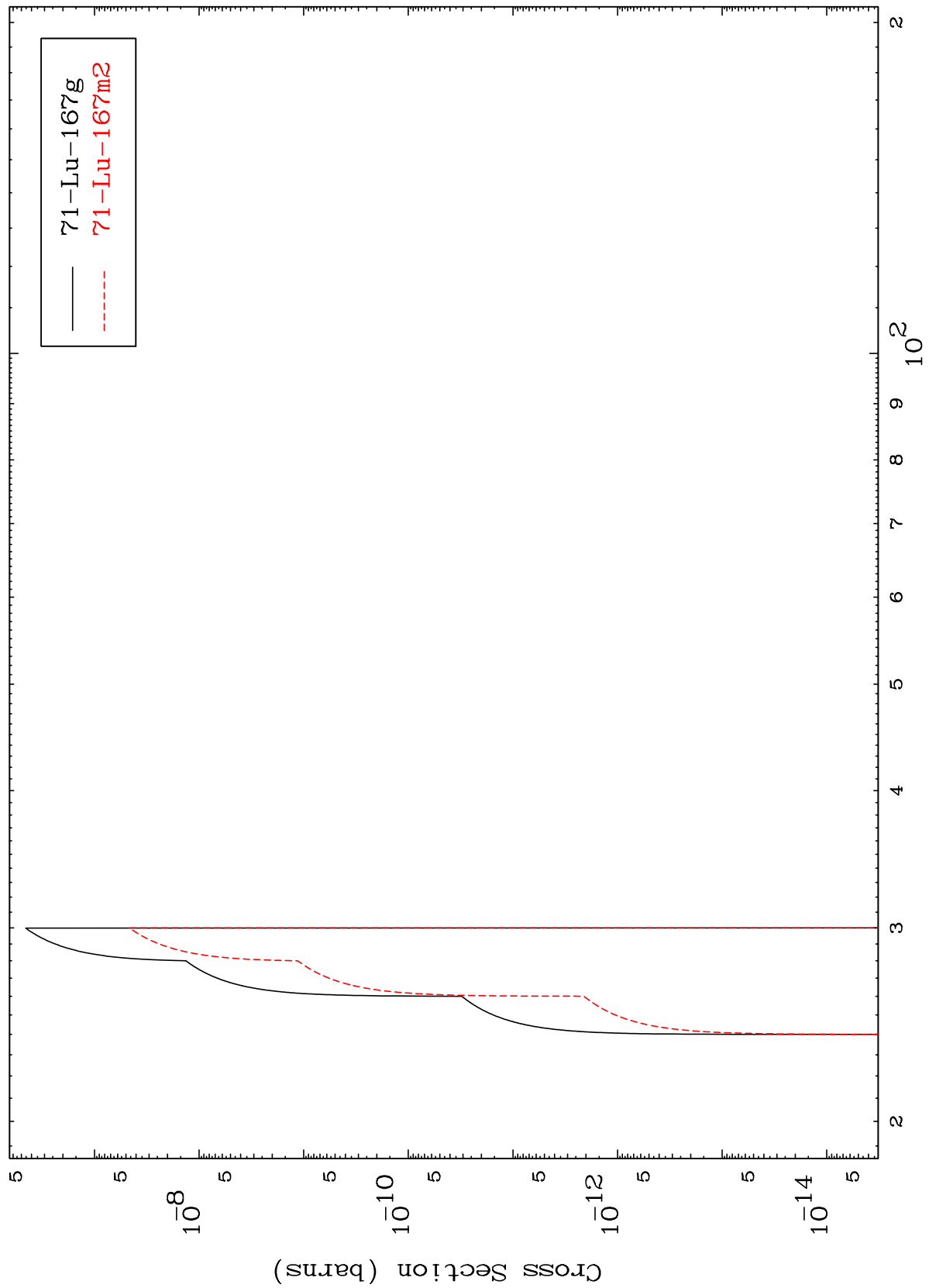
$^{71}\text{Lu-166m}$

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(n,2n) p

<sup>71</sup>Lu-166m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

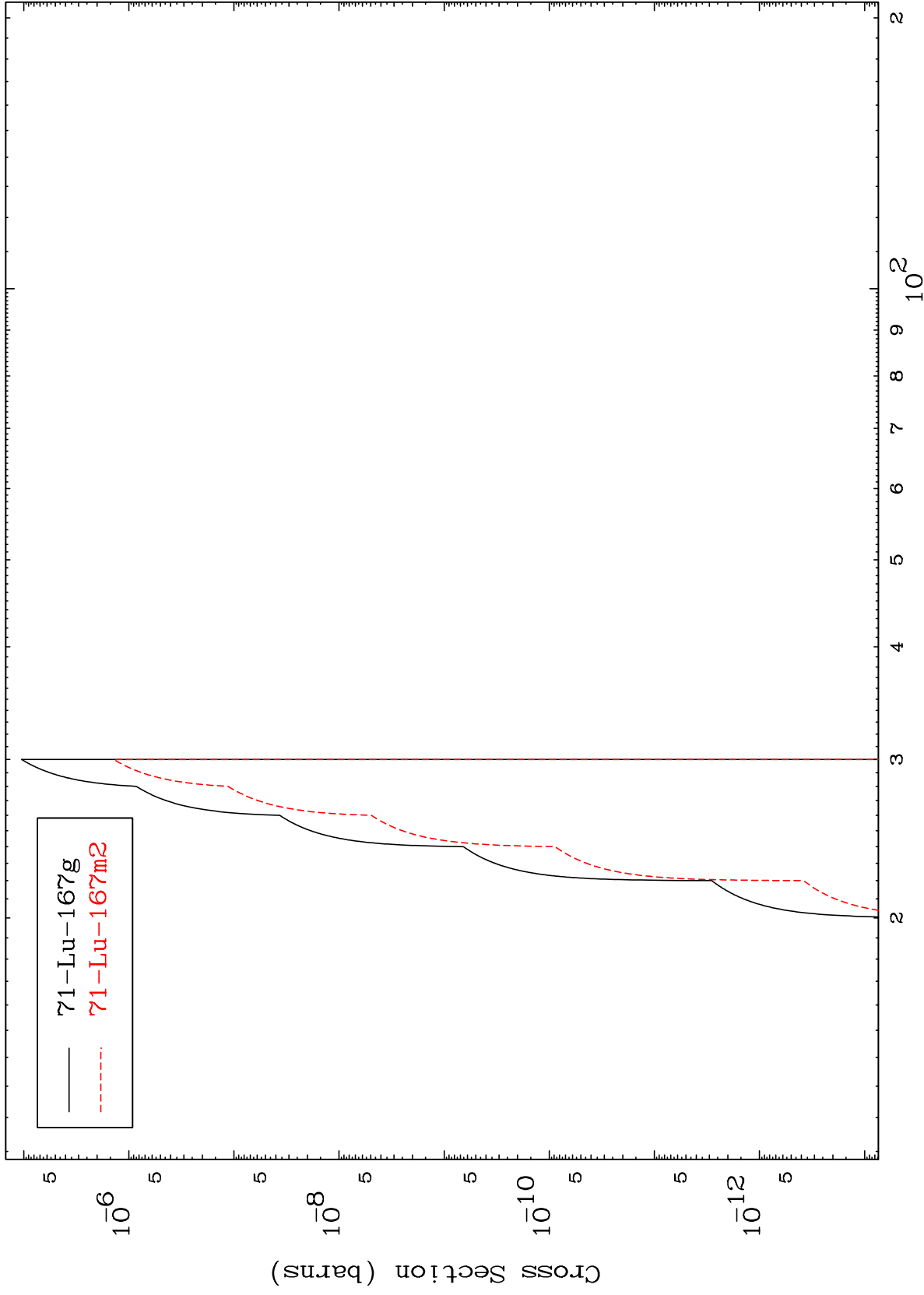
<sup>71</sup>Lu-166m

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(n,He-3)

71-Lu-166m

Radionuclide Production Cross Section



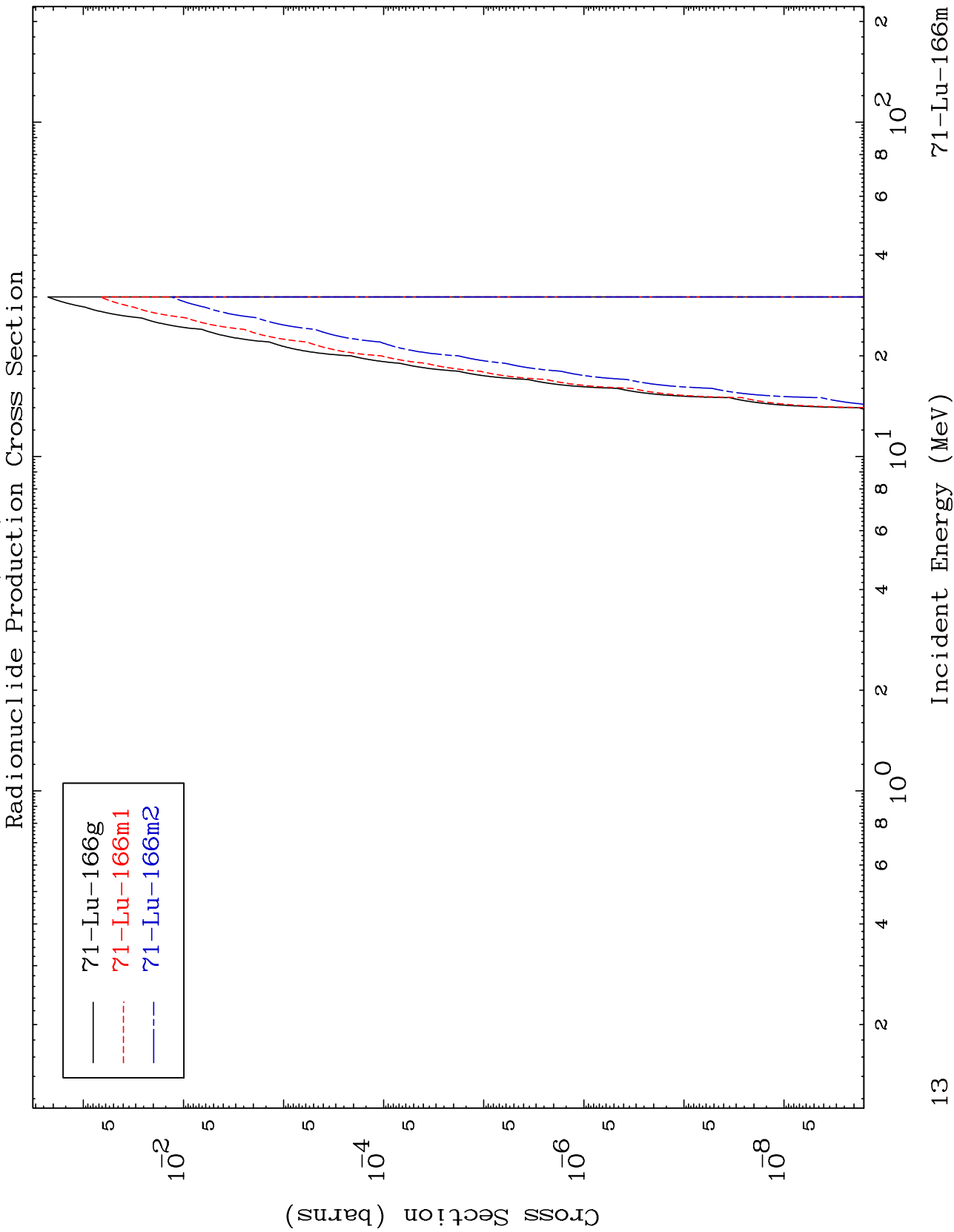
12

Incident Energy (MeV)

71-Lu-166m

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<sup>71</sup>Lu-166m

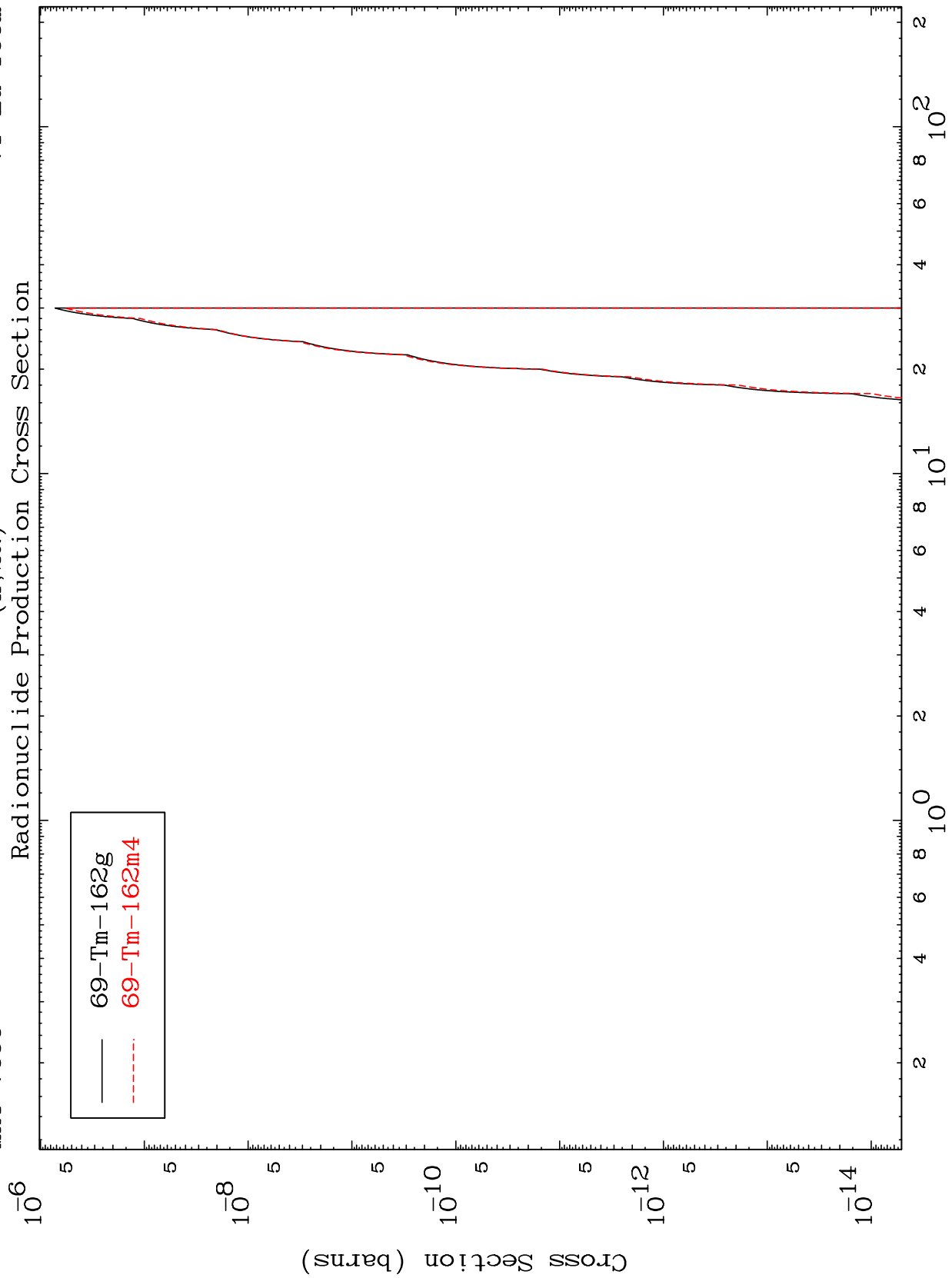


— <sup>71</sup>Lu-166g  
- - <sup>71</sup>Lu-166m1  
- - <sup>71</sup>Lu-166m2

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71-Lu-166m

Radionuclide Production Cross Section  
(n,2α)



69-Tm-162g  
69-Tm-162m4

71-Lu-166m

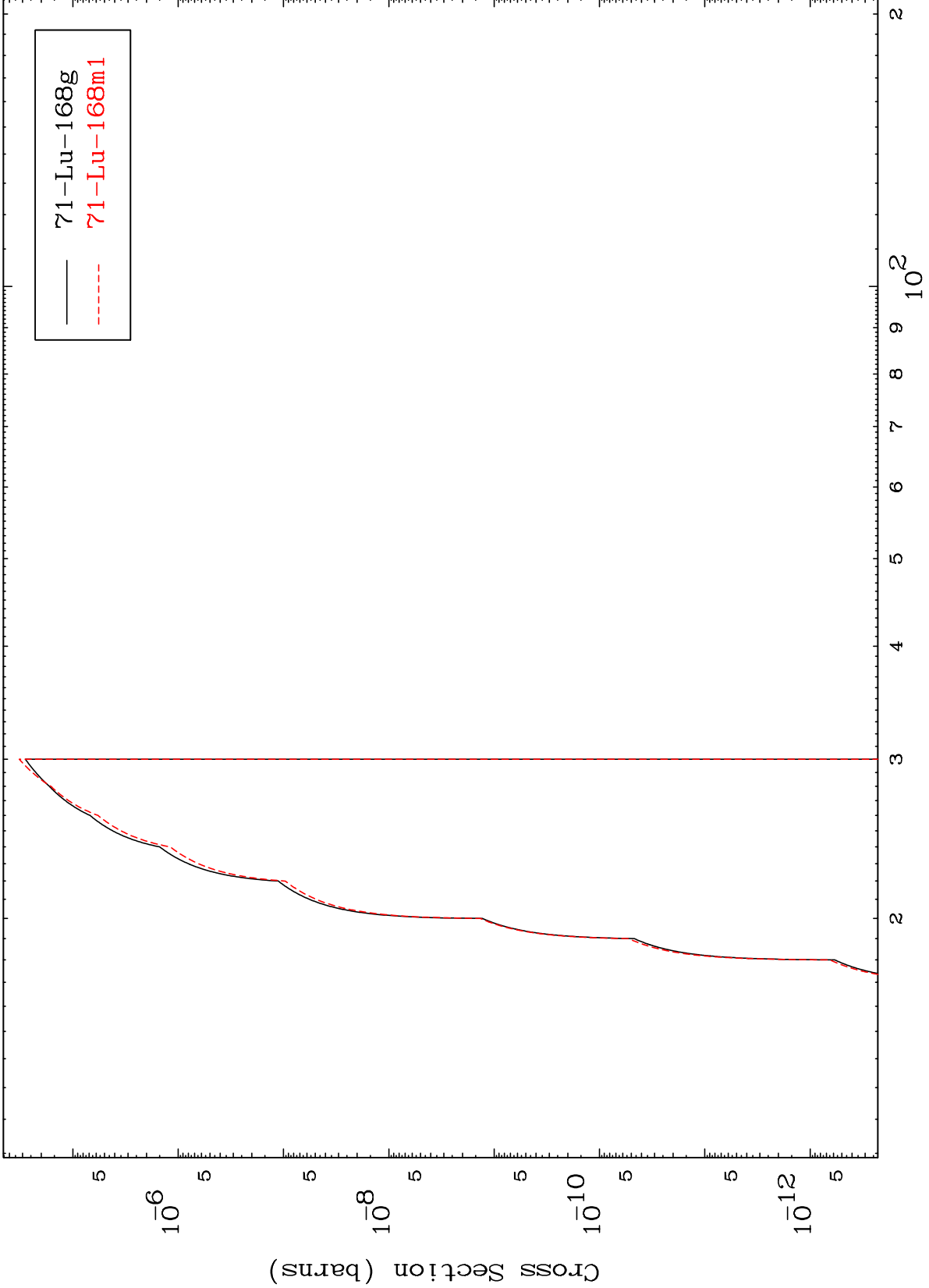
Incident Energy (MeV)

14

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<sup>71</sup>Lu-166m

(n,2p)  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

<sup>71</sup>Lu-166m

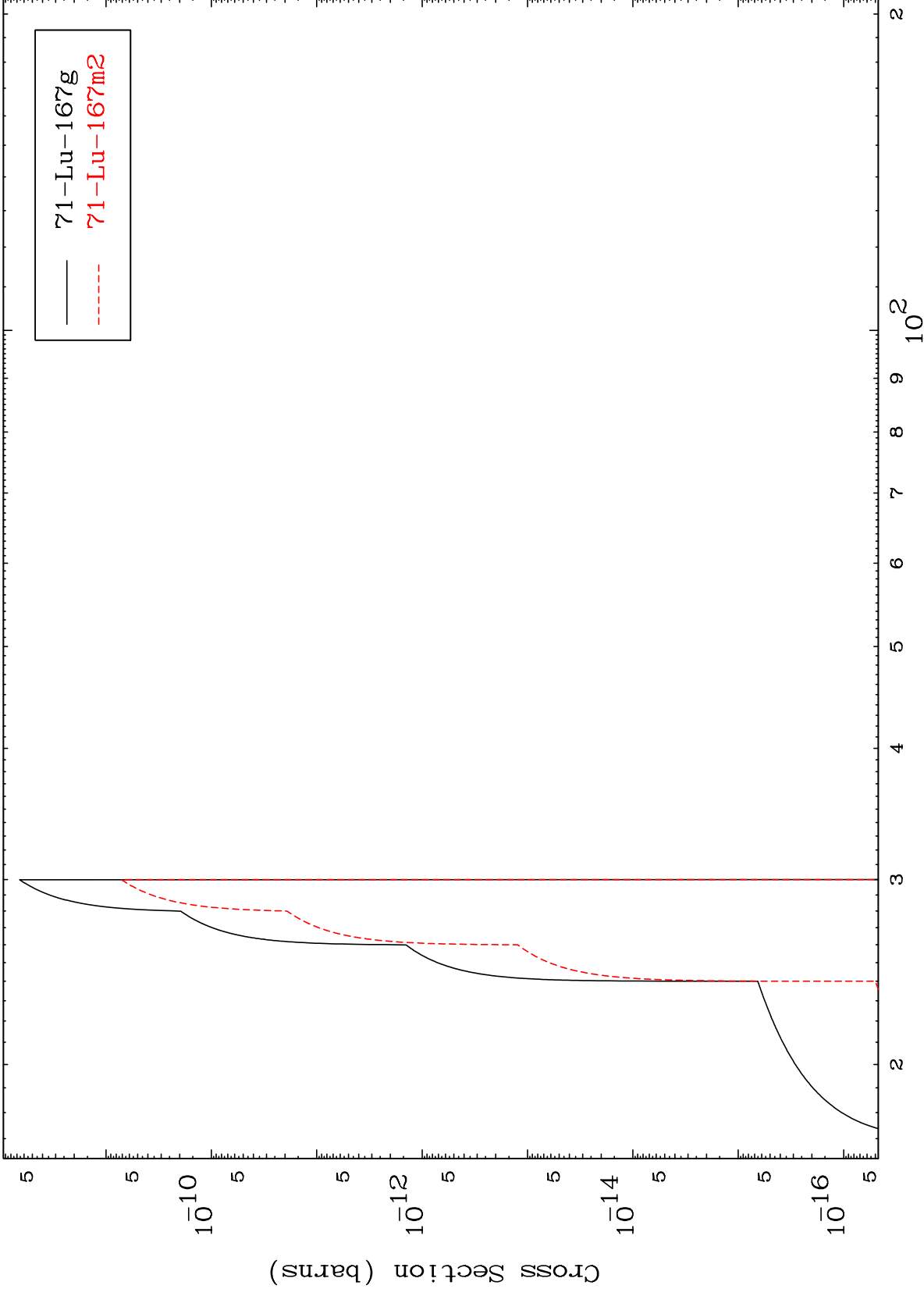


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(n,p) d

<sup>71</sup>Lu-166m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

<sup>71</sup>Lu-166m