

Program EVALPLOT  
(Version 2021-1)

by

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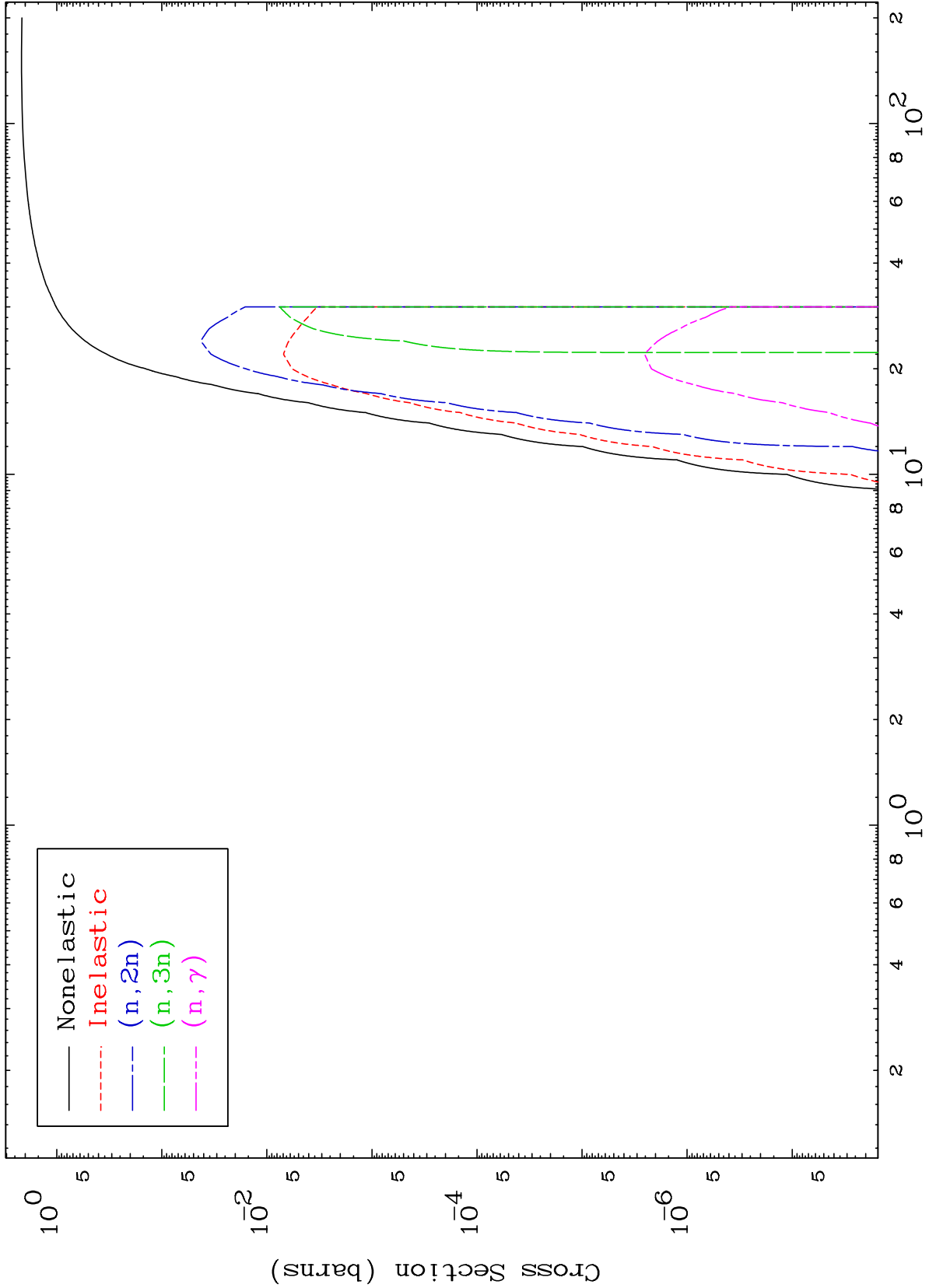
Press Mouse Button to Start

MAT 7088

He-3 Major

<sup>71</sup>Lu-162n

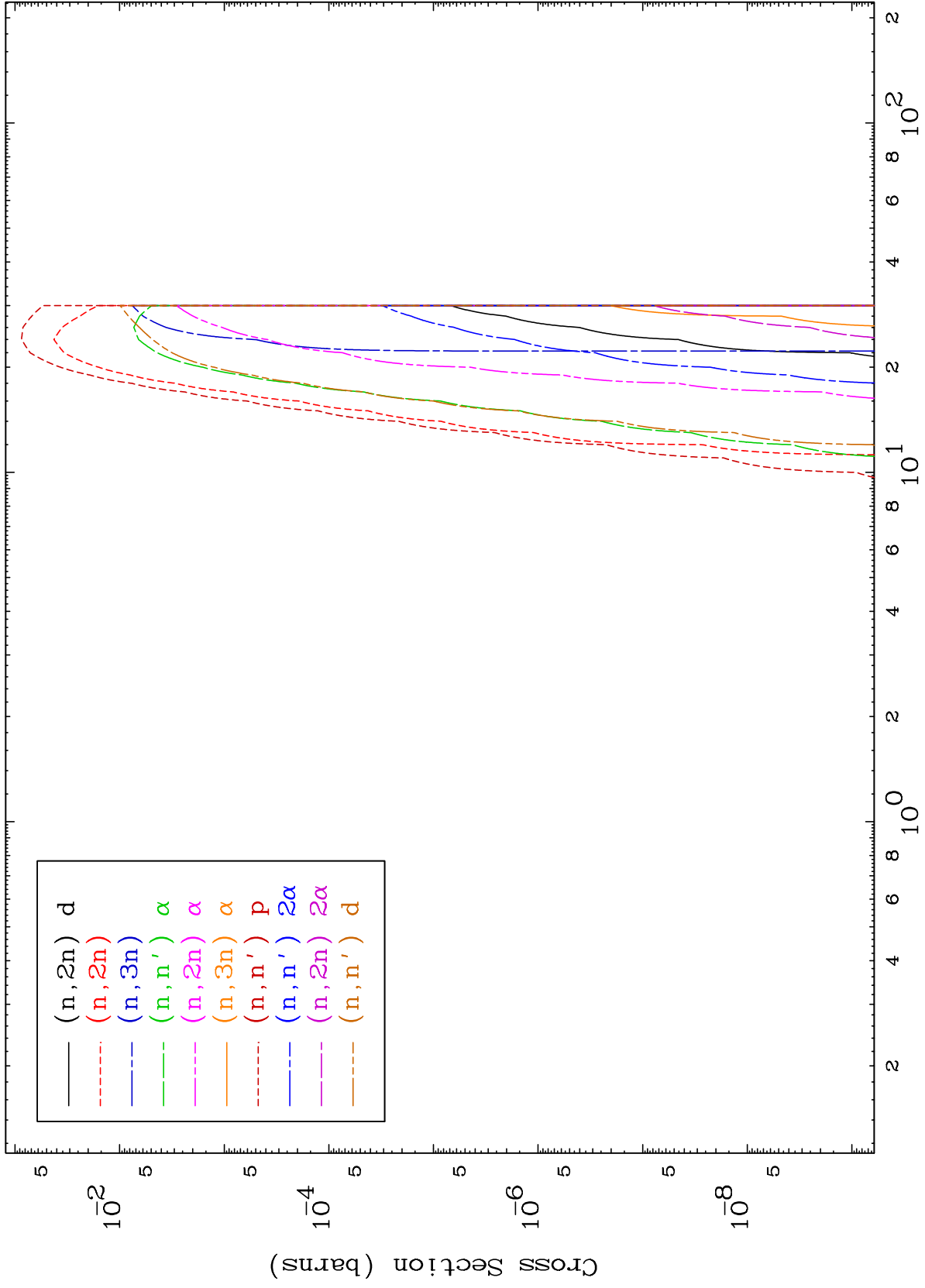
0 Kelvin Cross Sections



MAT 7088

He-3 Neutron Absorption  
0 Kelvin Cross Sections

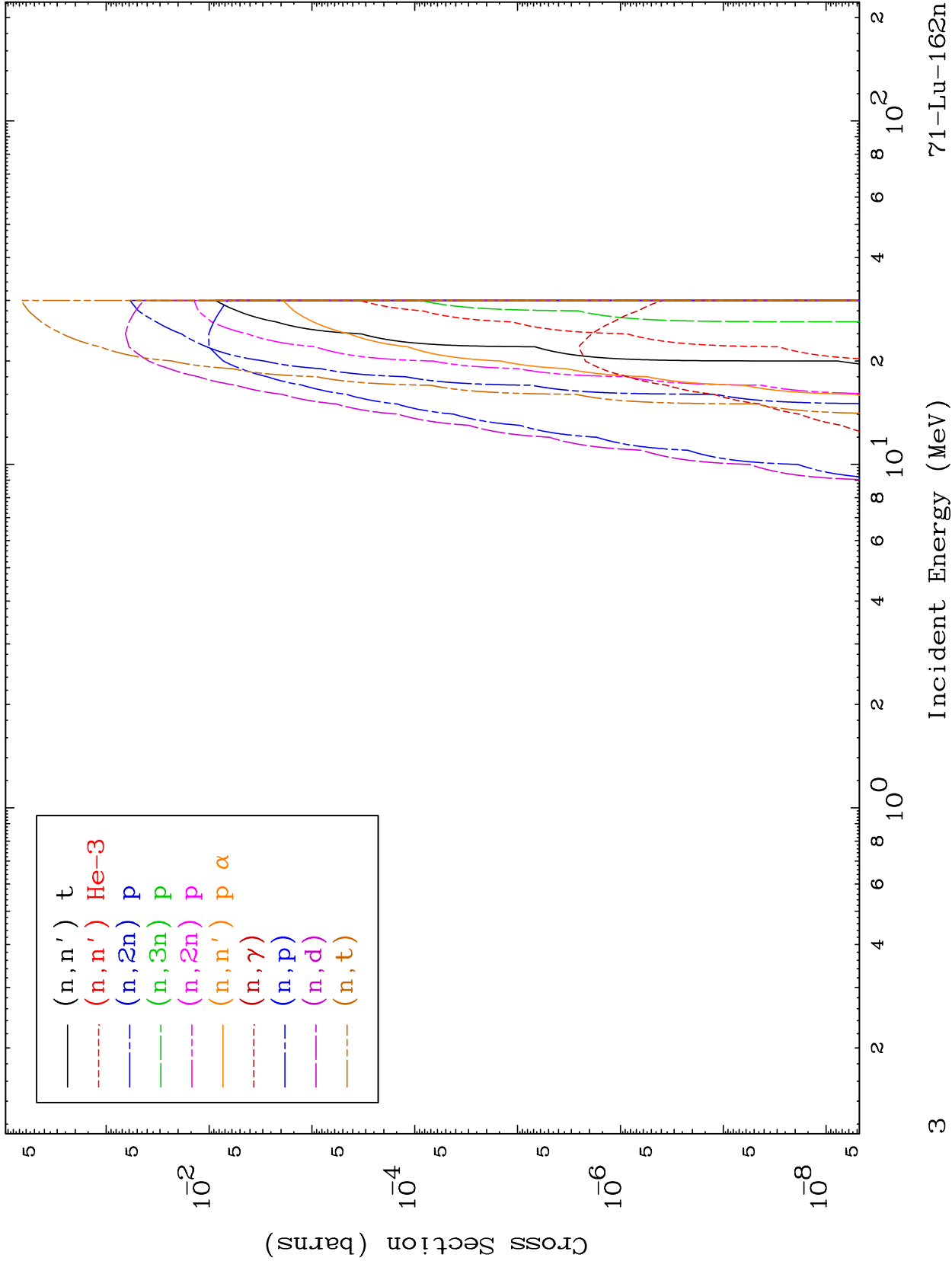
71-Lu-162n



MAT 7088

He-3 Neutron Absorption  
0 Kelvin Cross Sections

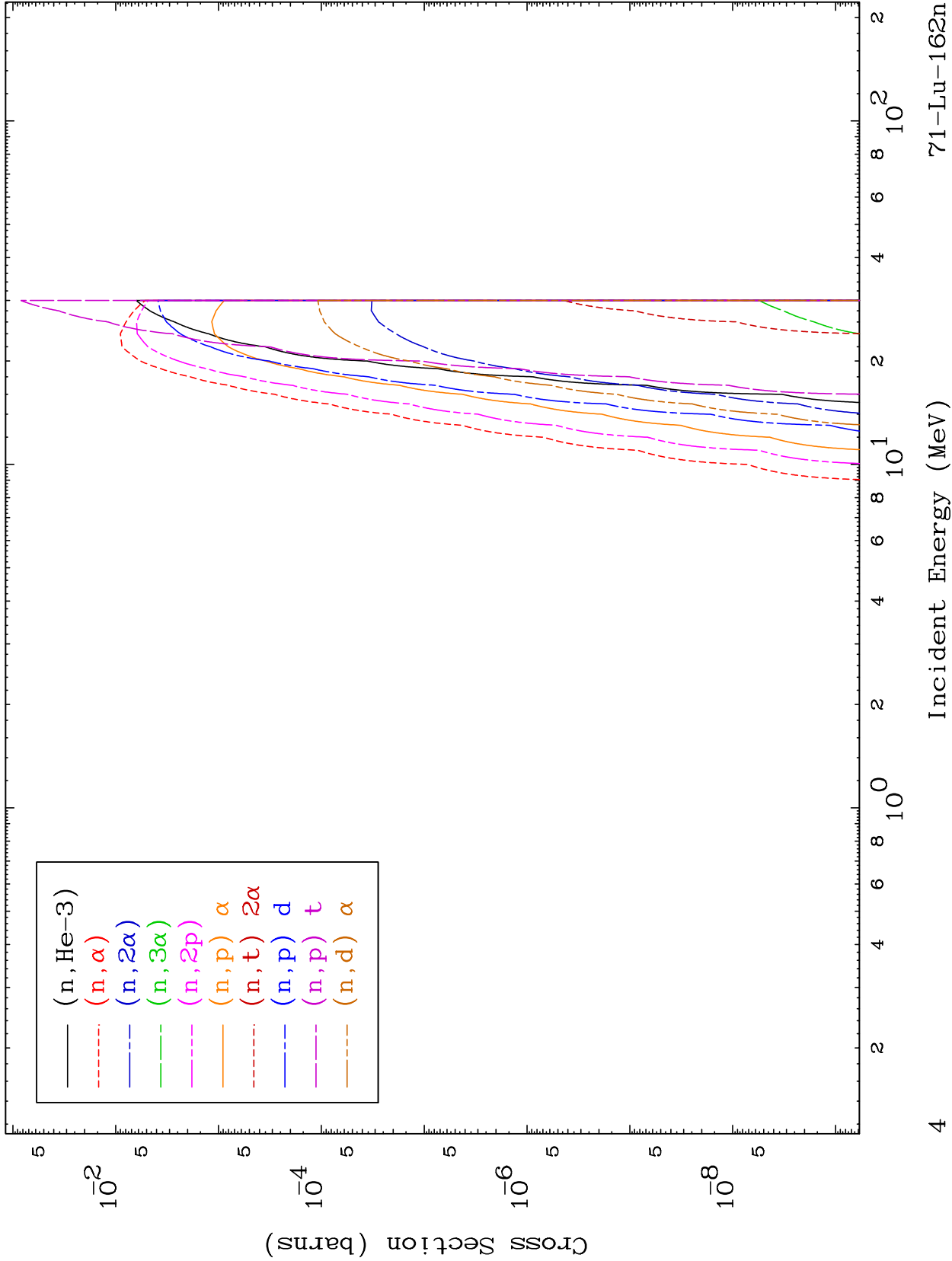
71-Lu-162n



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He-3 Neutron Absorption  
0 Kelvin Cross Sections

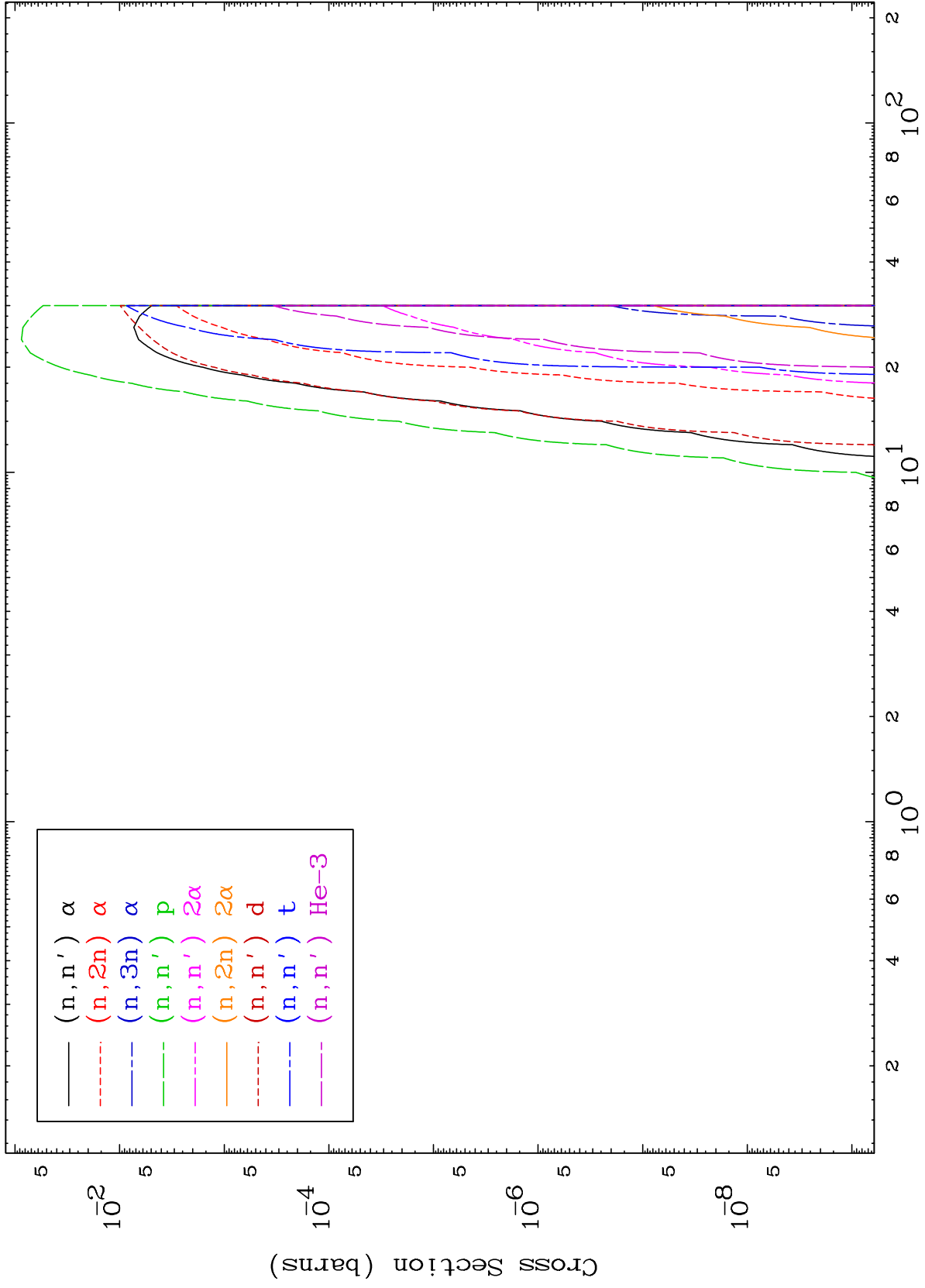
71-Lu-162n



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He-3 Charged Particle  
0 Kelvin Cross Sections

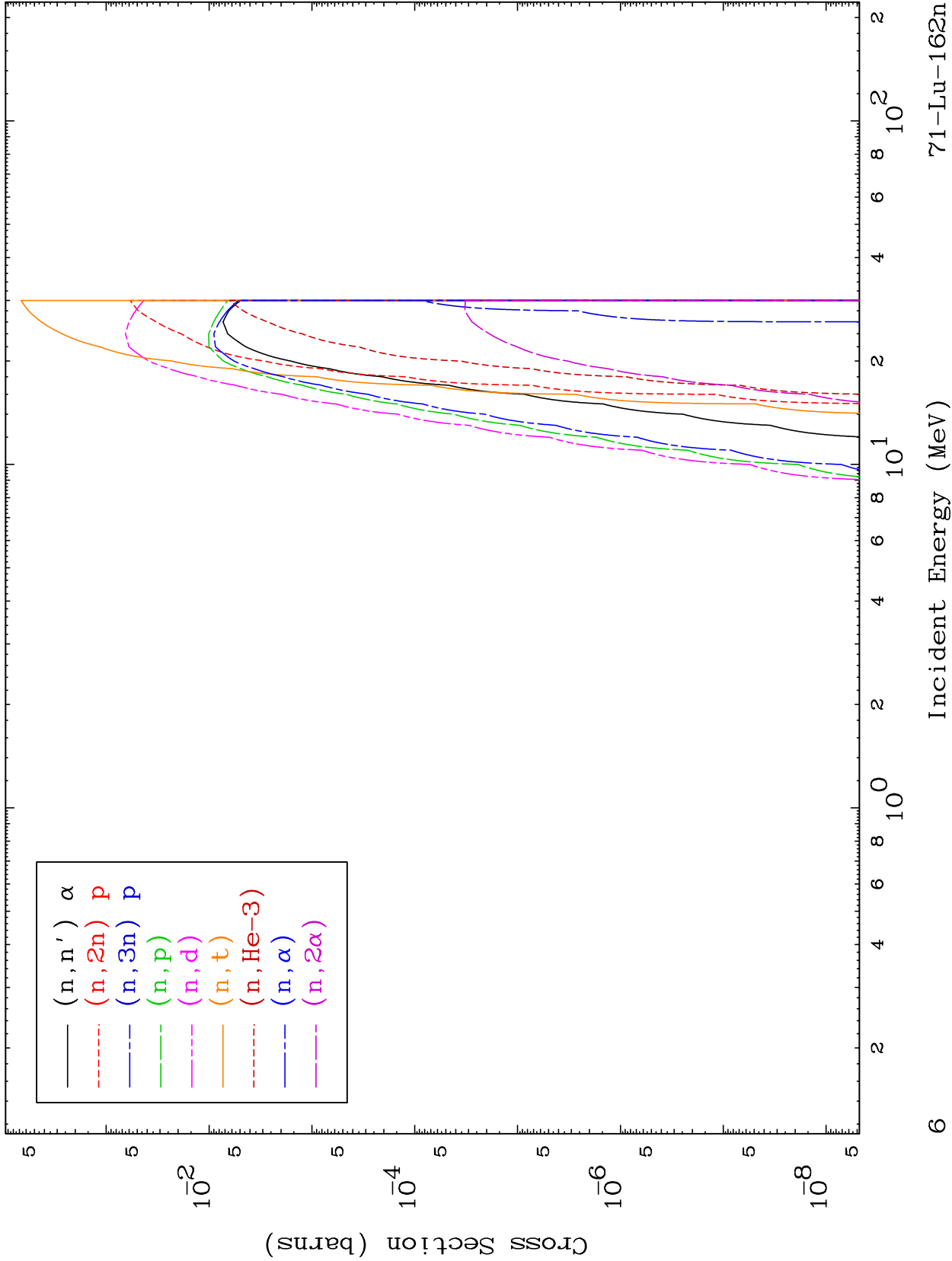
71-Lu-162n



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He-3 Charged Particle  
0 Kelvin Cross Sections

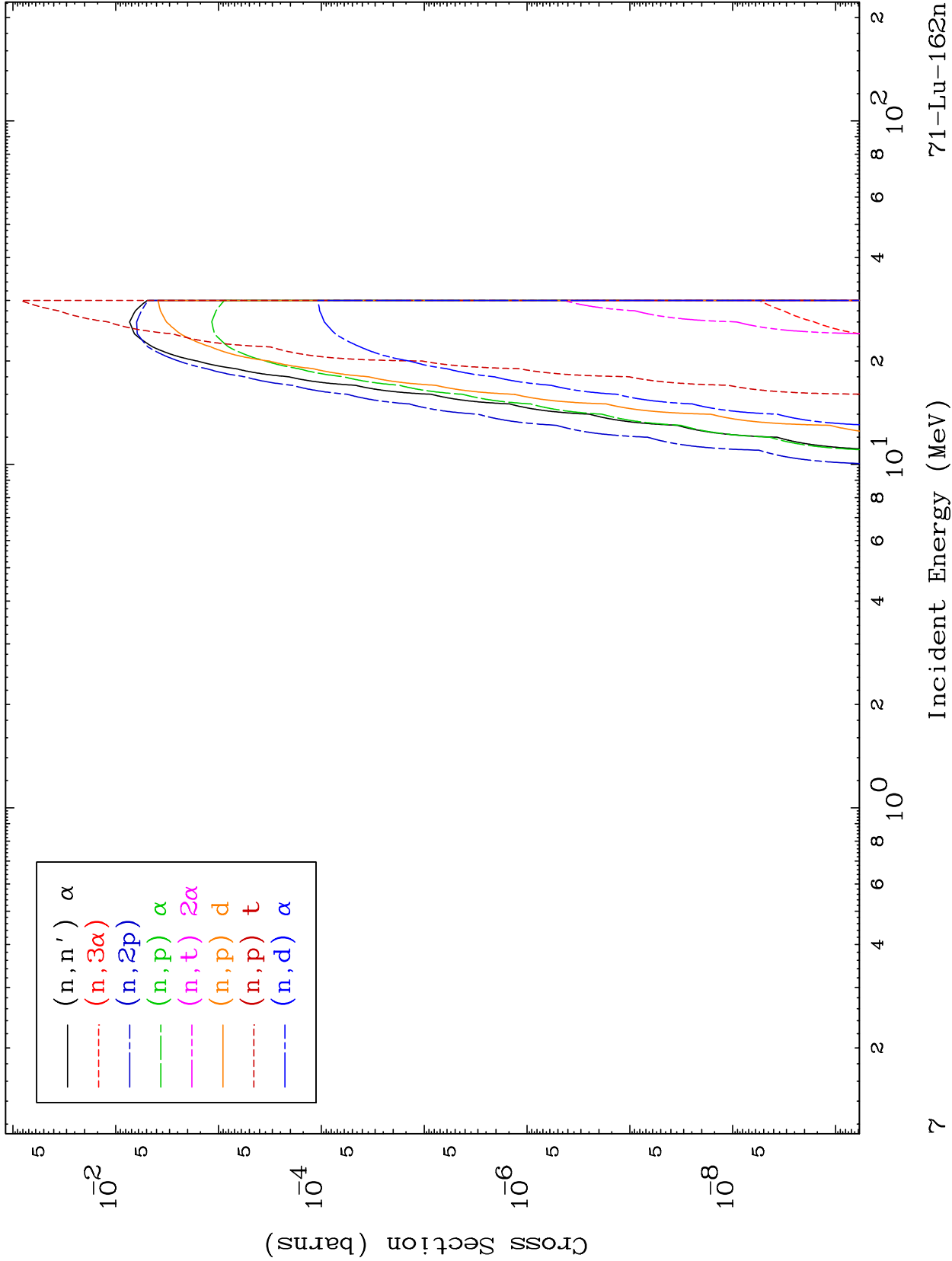
71-Lu-162n



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He-3 Charged Particle  
0 Kelvin Cross Sections

71-Lu-162n

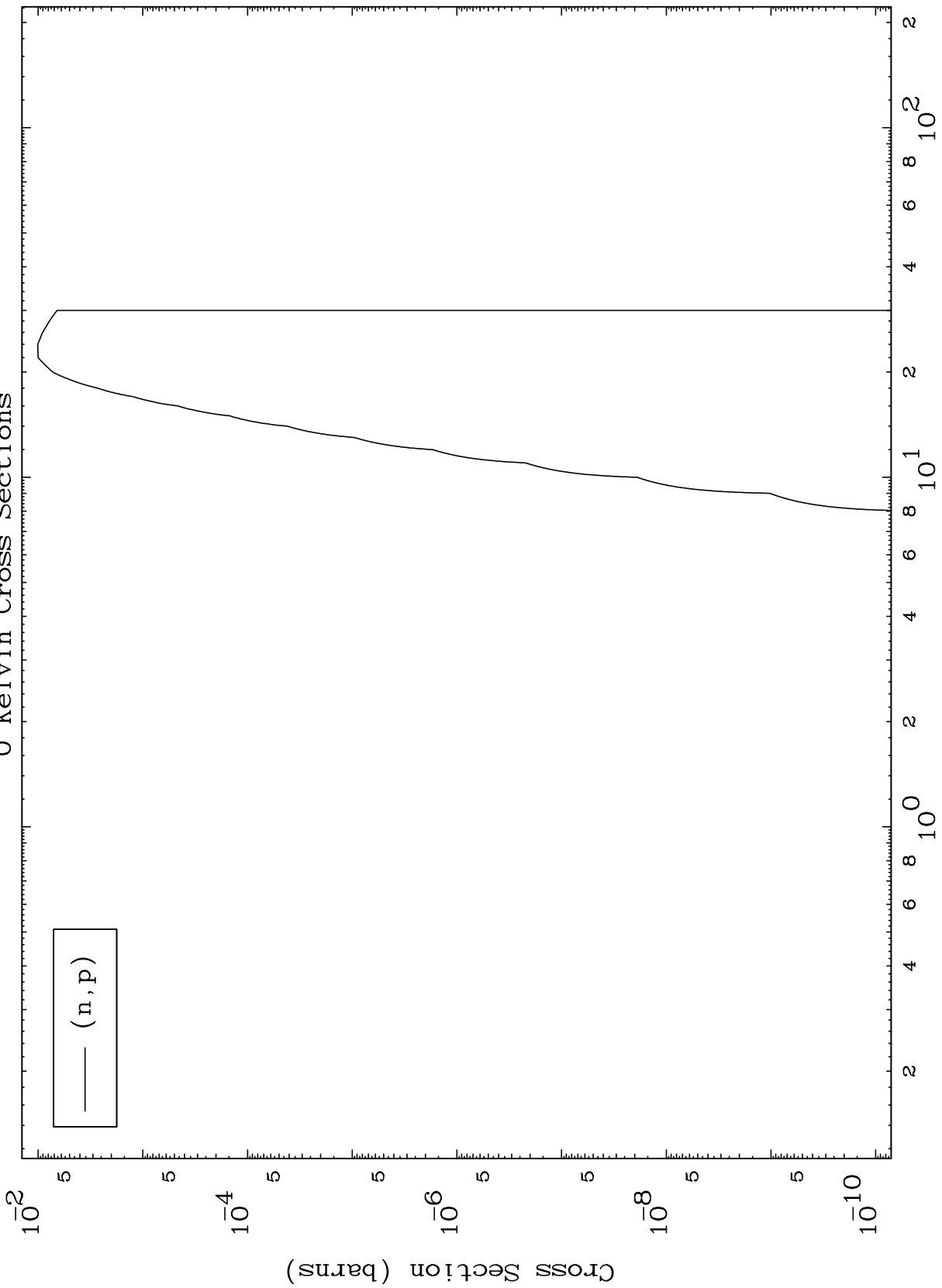


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(He-3,p) Levels

71-Lu-162n

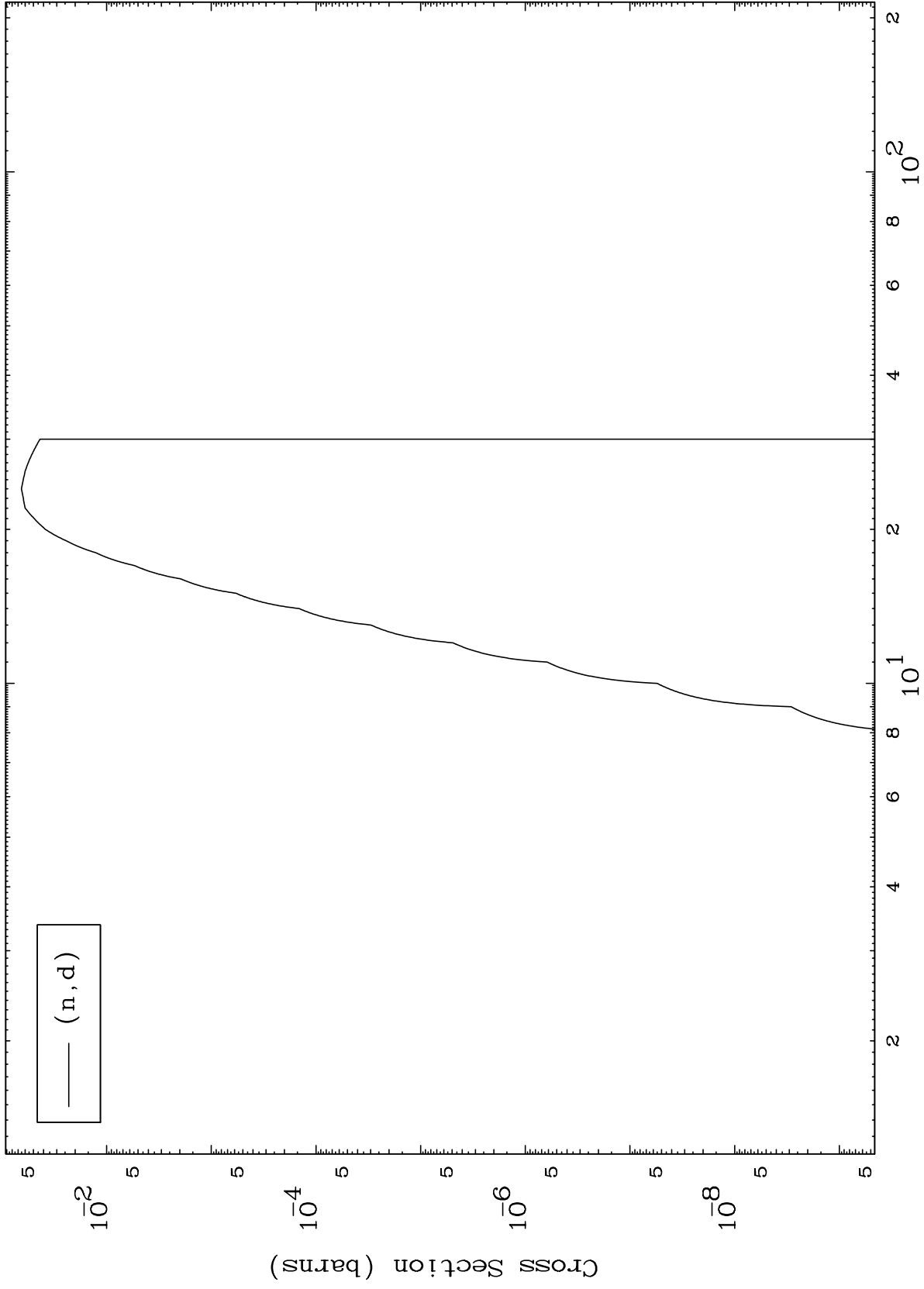
0 Kelvin Cross Sections



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(He-3,d) Levels  
0 Kelvin Cross Sections

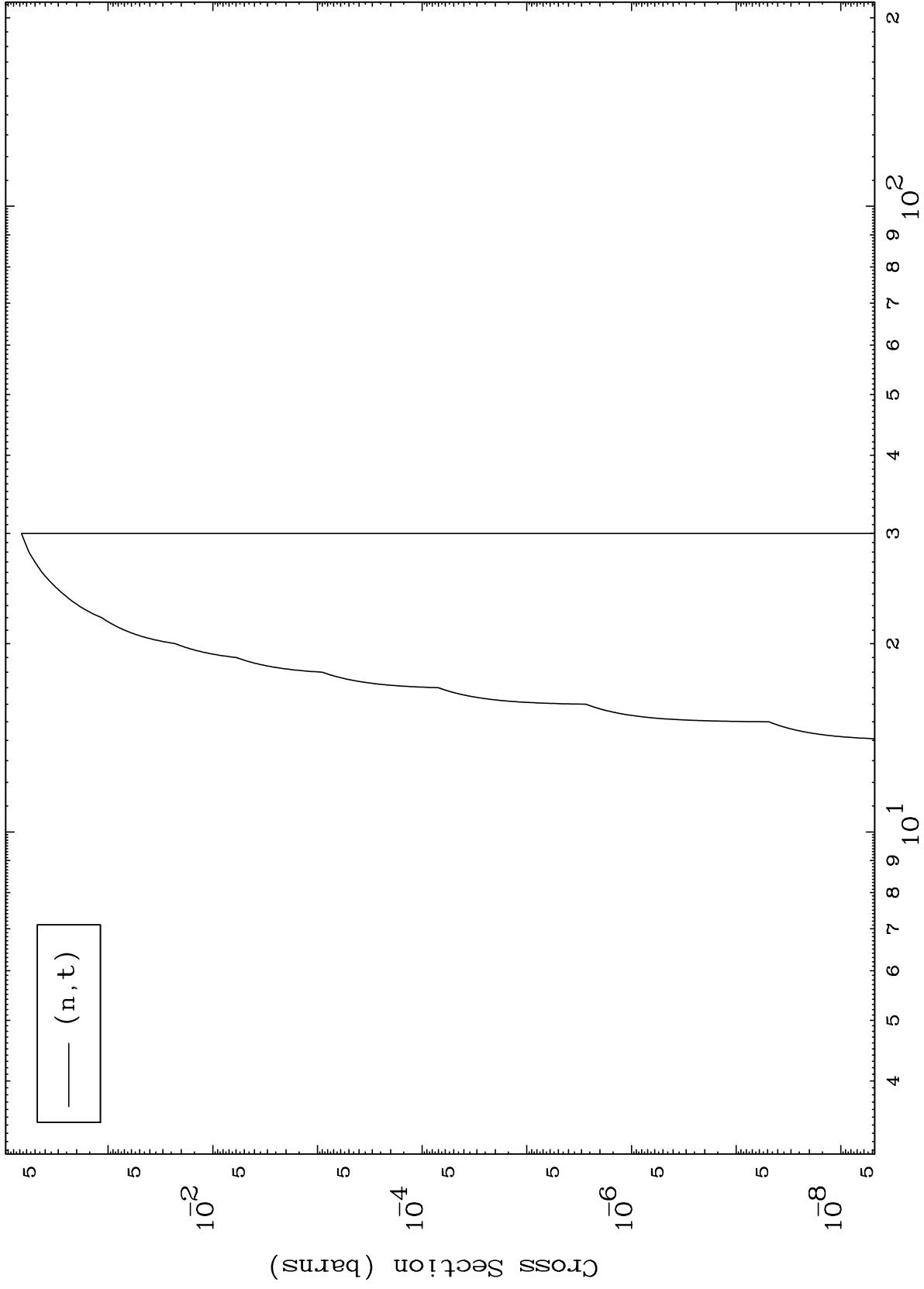
71-Lu-162n



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(He-3,t) Levels  
0 Kelvin Cross Sections

71-Lu-162n



10

Incident Energy (MeV)

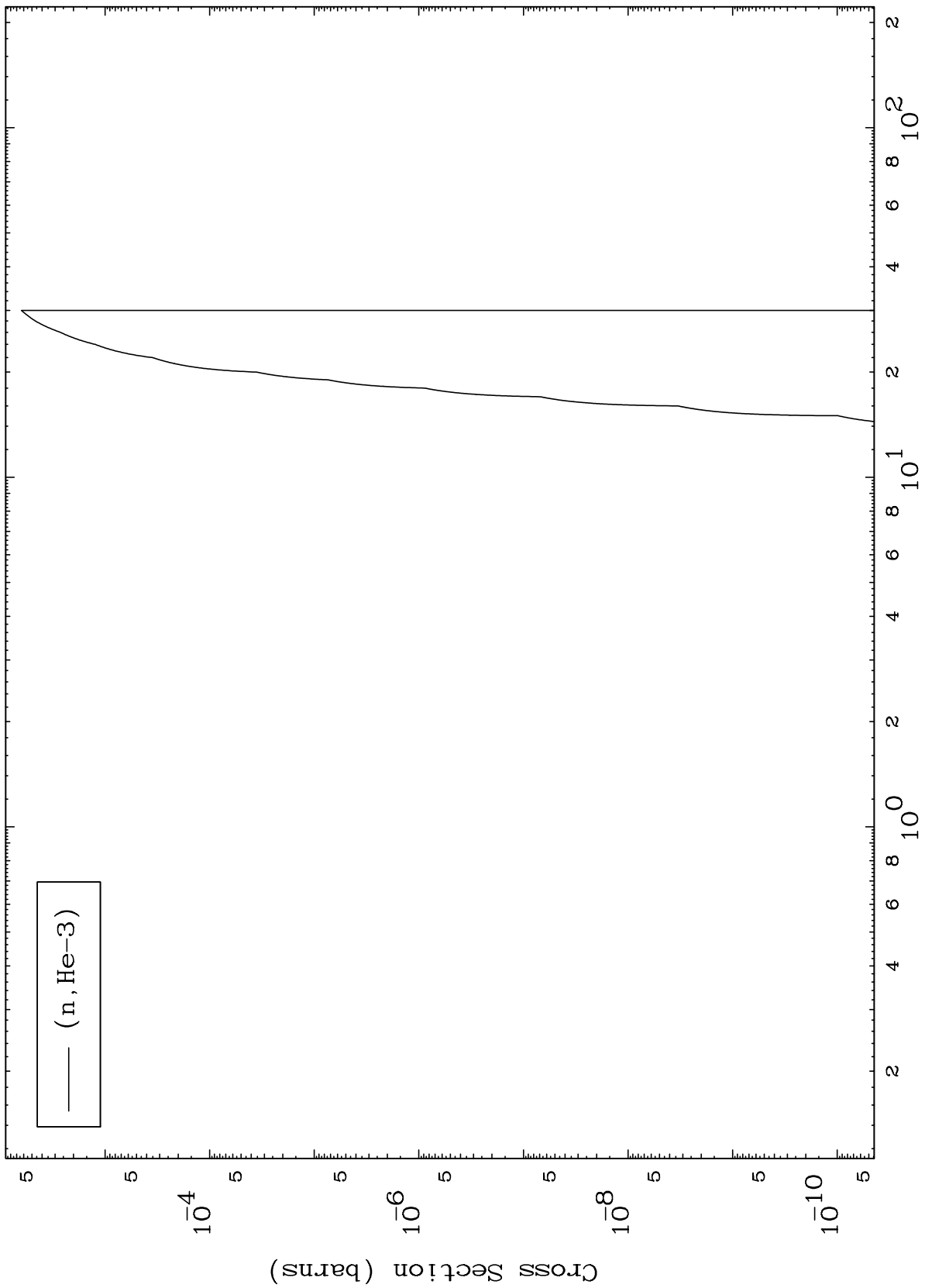
71-Lu-162n

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(He-3, He3) Levels

71-Lu-162n

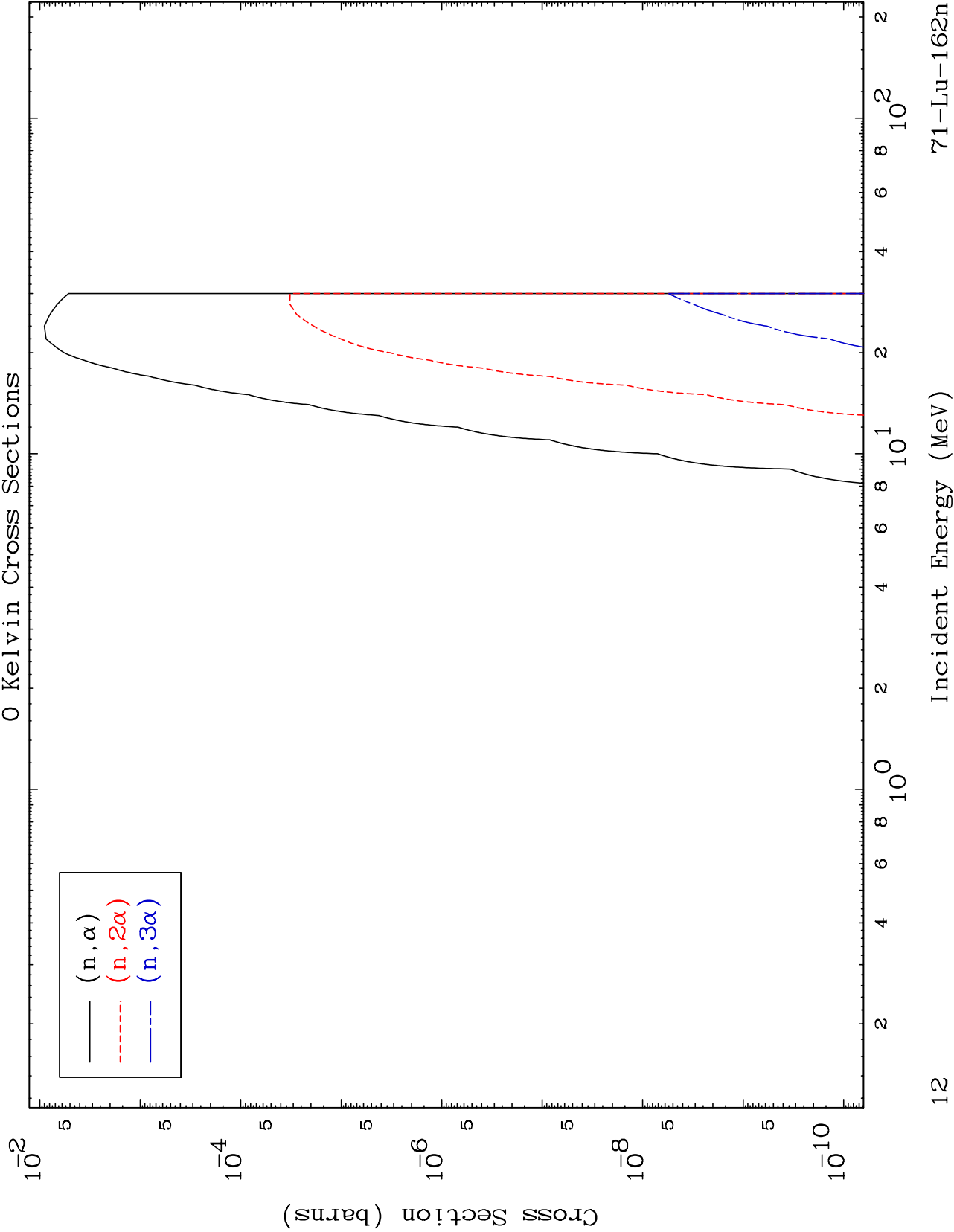
0 Kelvin Cross Sections



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(He-3,  $\alpha$ ) Levels

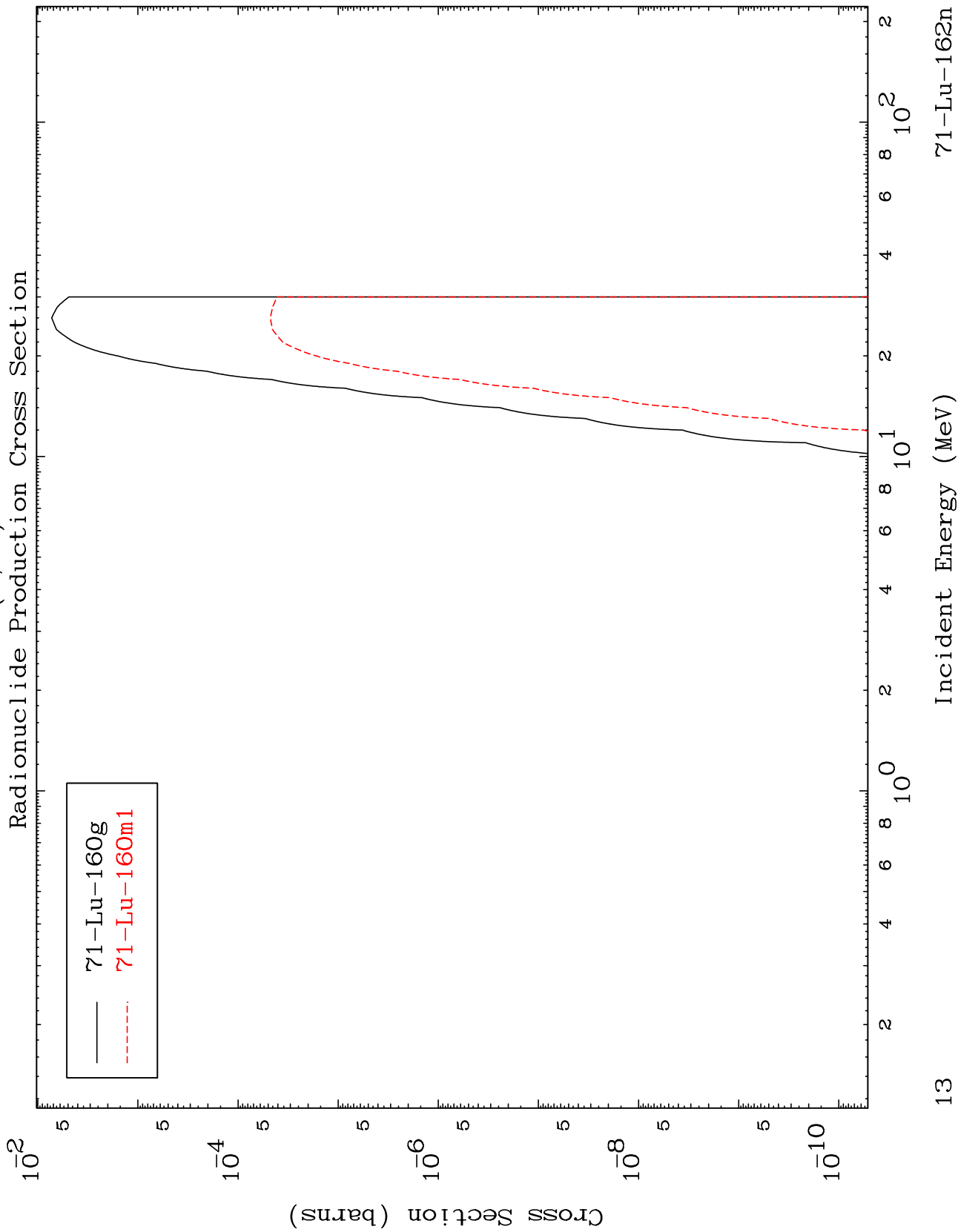
71-Lu-162n



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$(n, n') \alpha$

$^{71}\text{Lu}-^{162}\text{n}$

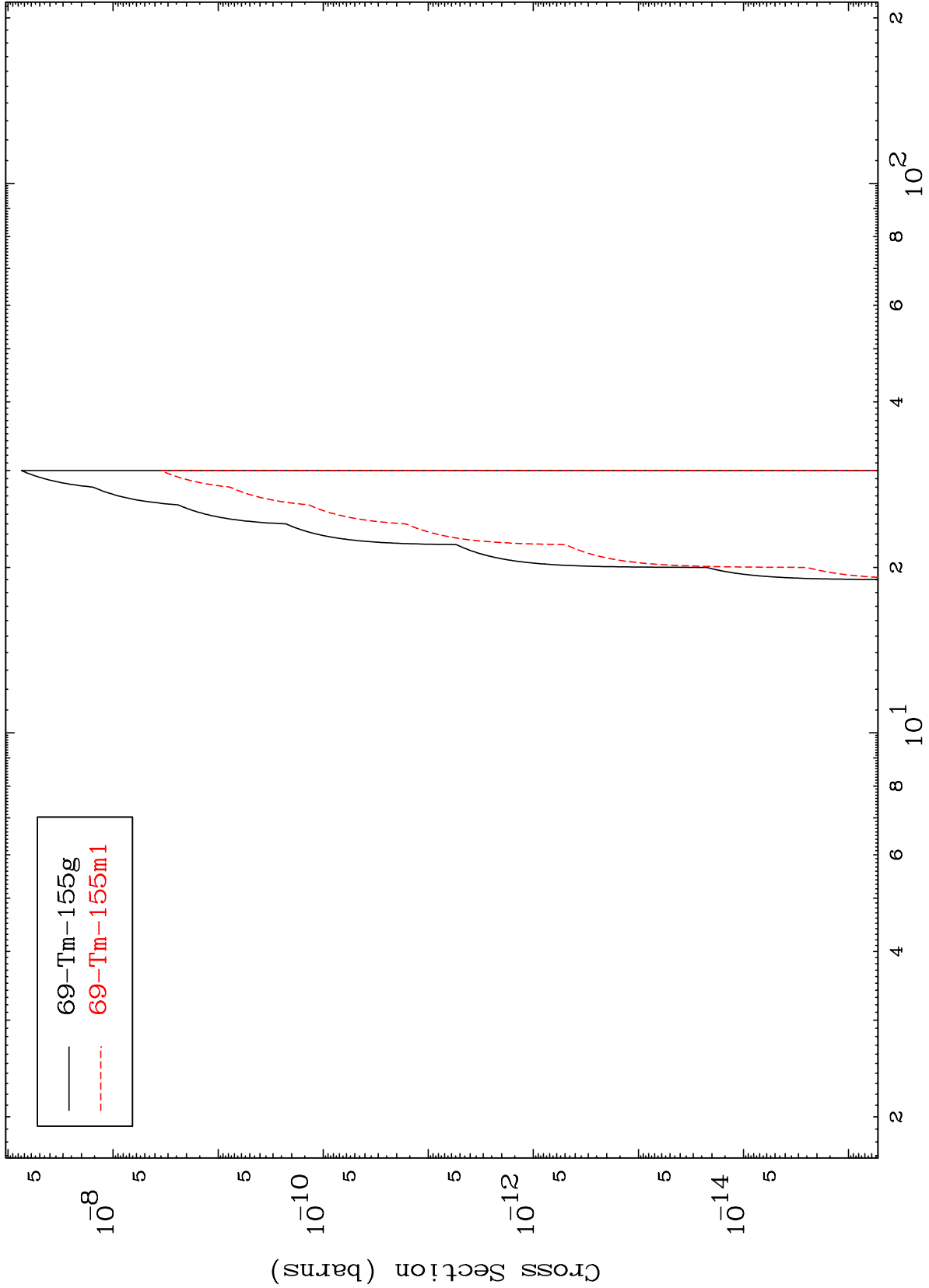


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$(n,2n) 2\alpha$

$^{71}\text{Lu}-162n$

Radionuclide Production Cross Section



—  $^{69}\text{Tm}-155g$   
- - -  $^{69}\text{Tm}-155m1$

14

Incident Energy (MeV)

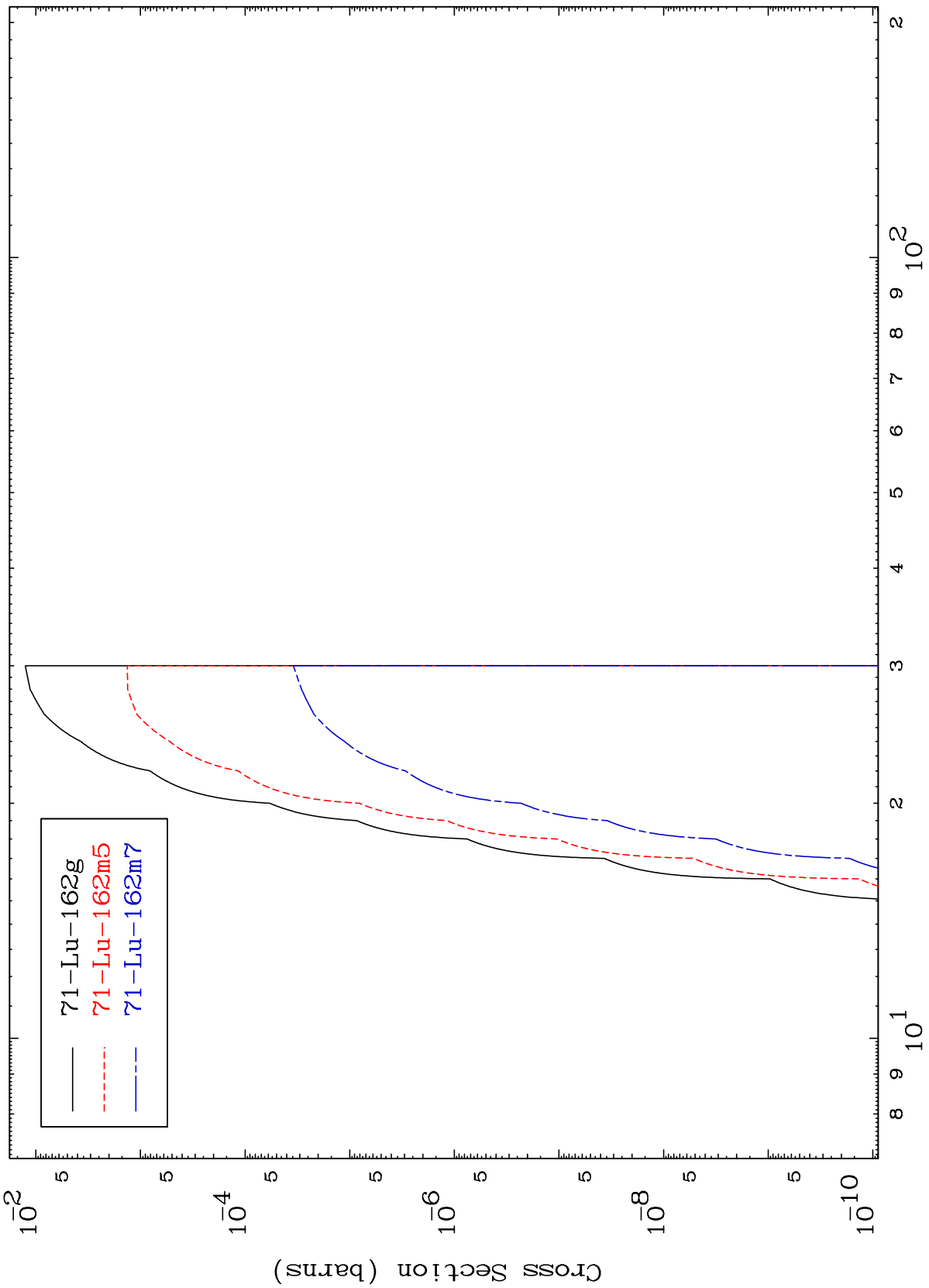
$^{71}\text{Lu}-162n$

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(n,2n) p

<sup>71</sup>Lu-162n

Radionuclide Production Cross Section



Legend:  
— 71-Lu-162g  
- - - 71-Lu-162m5  
- · - 71-Lu-162m7

Incident Energy (MeV)

<sup>71</sup>Lu-162n

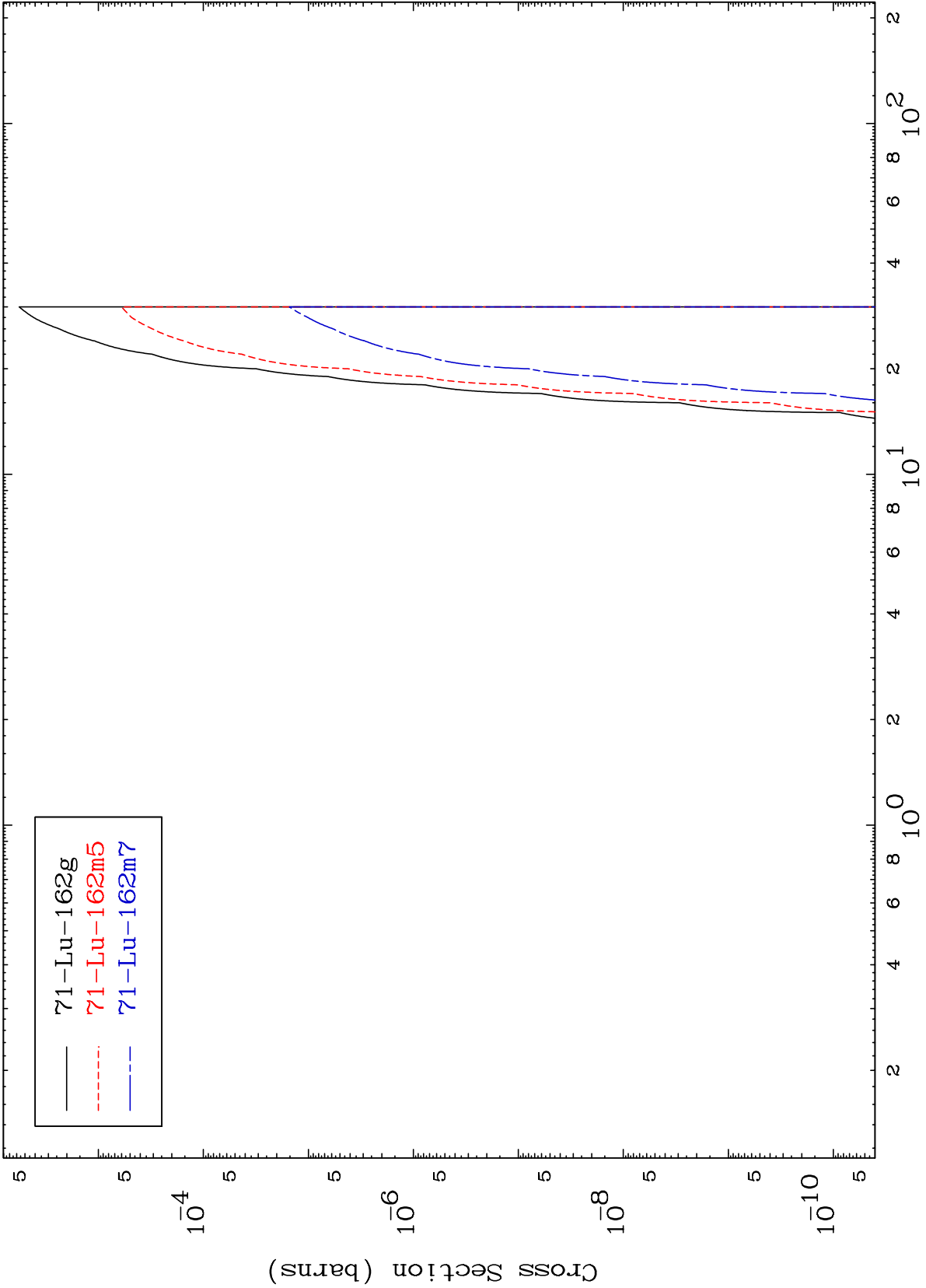
15

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(n,He-3)

<sup>71</sup>Lu-162n

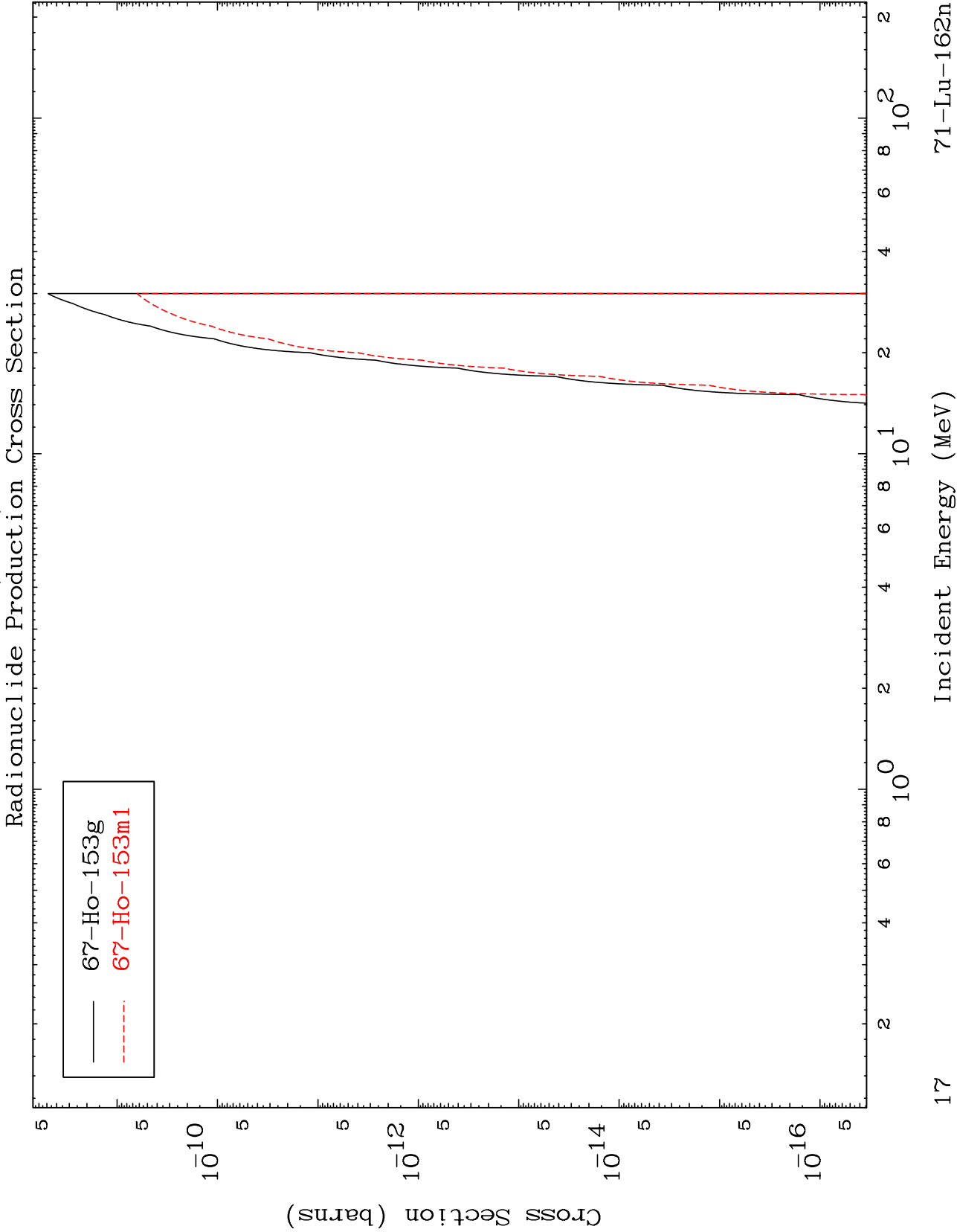
Radionuclide Production Cross Section



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(n, 3α)

<sup>71</sup>Lu-162n

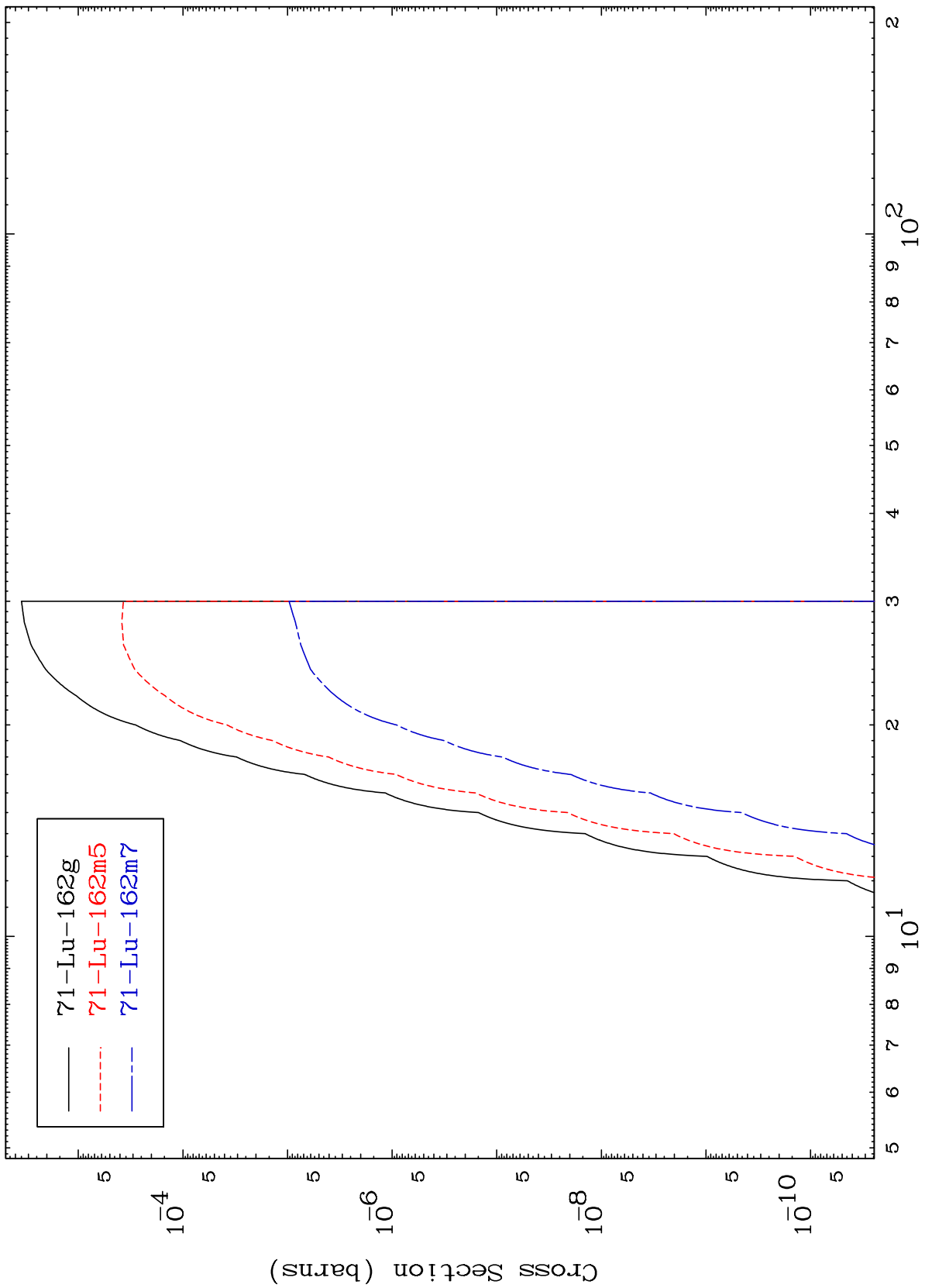


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(n,p) d

<sup>71</sup>Lu-162n

Radionuclide Production Cross Section



18

Incident Energy (MeV)

<sup>71</sup>Lu-162n