

Program EVALPLOT  
(Version 2021-1)

by

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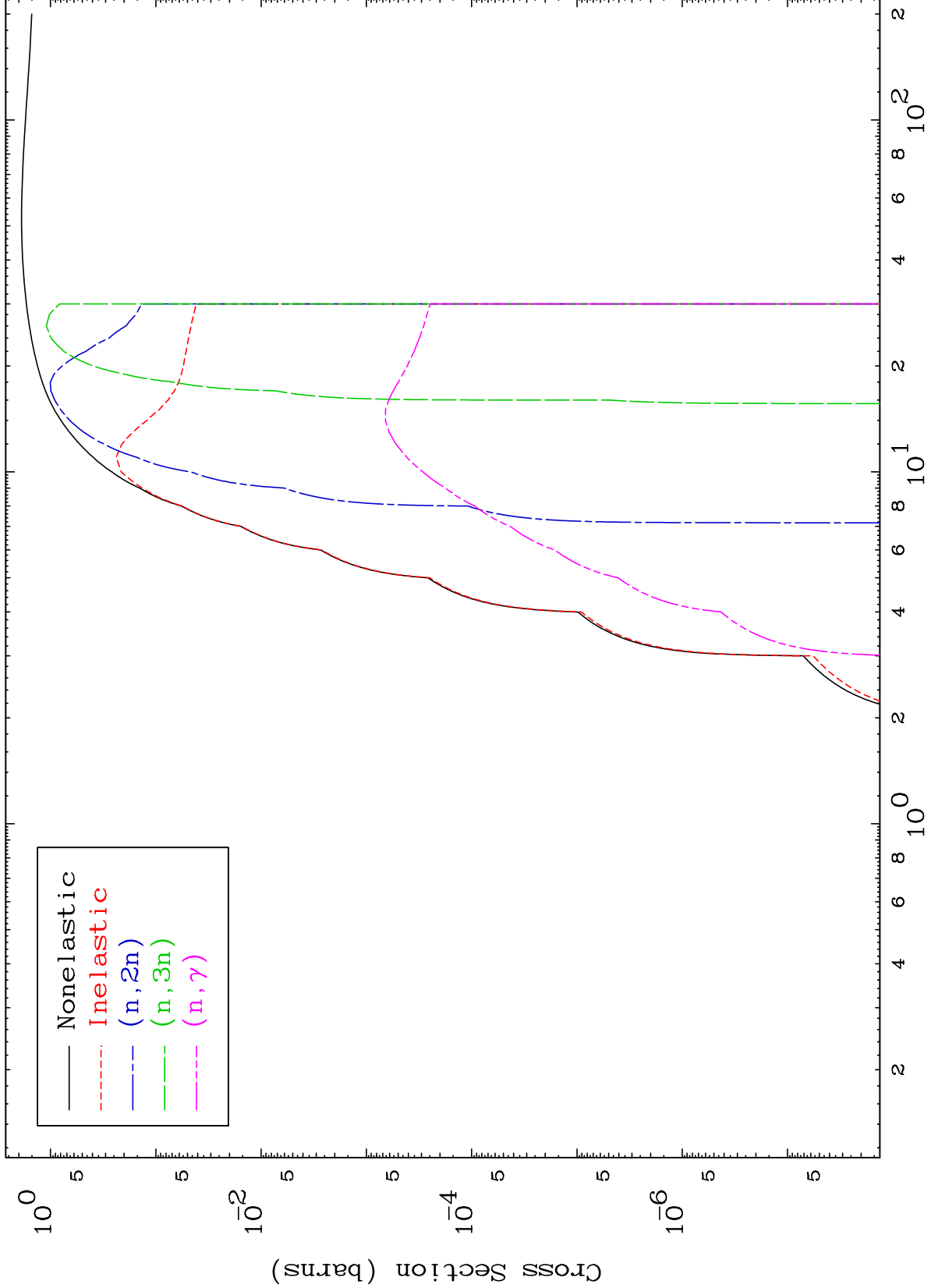
Press Mouse Button to Start

MAT 7239

Proton Major

<sup>72</sup>Hf-178n

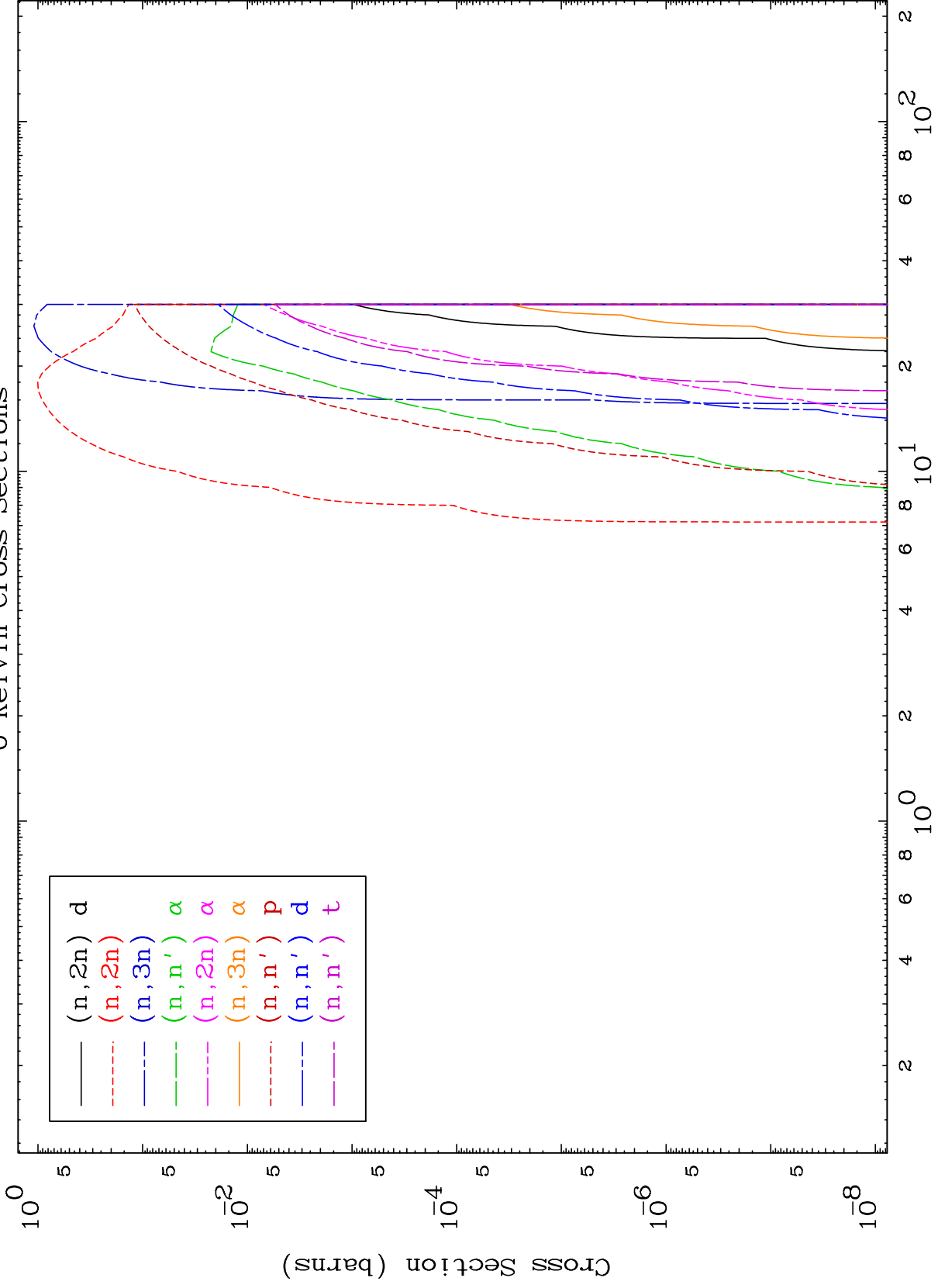
0 Kelvin Cross Sections



MAT 7239

Proton Neutron Absorption  
0 Kelvin Cross Sections

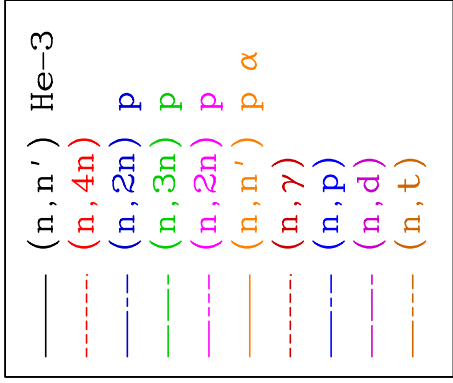
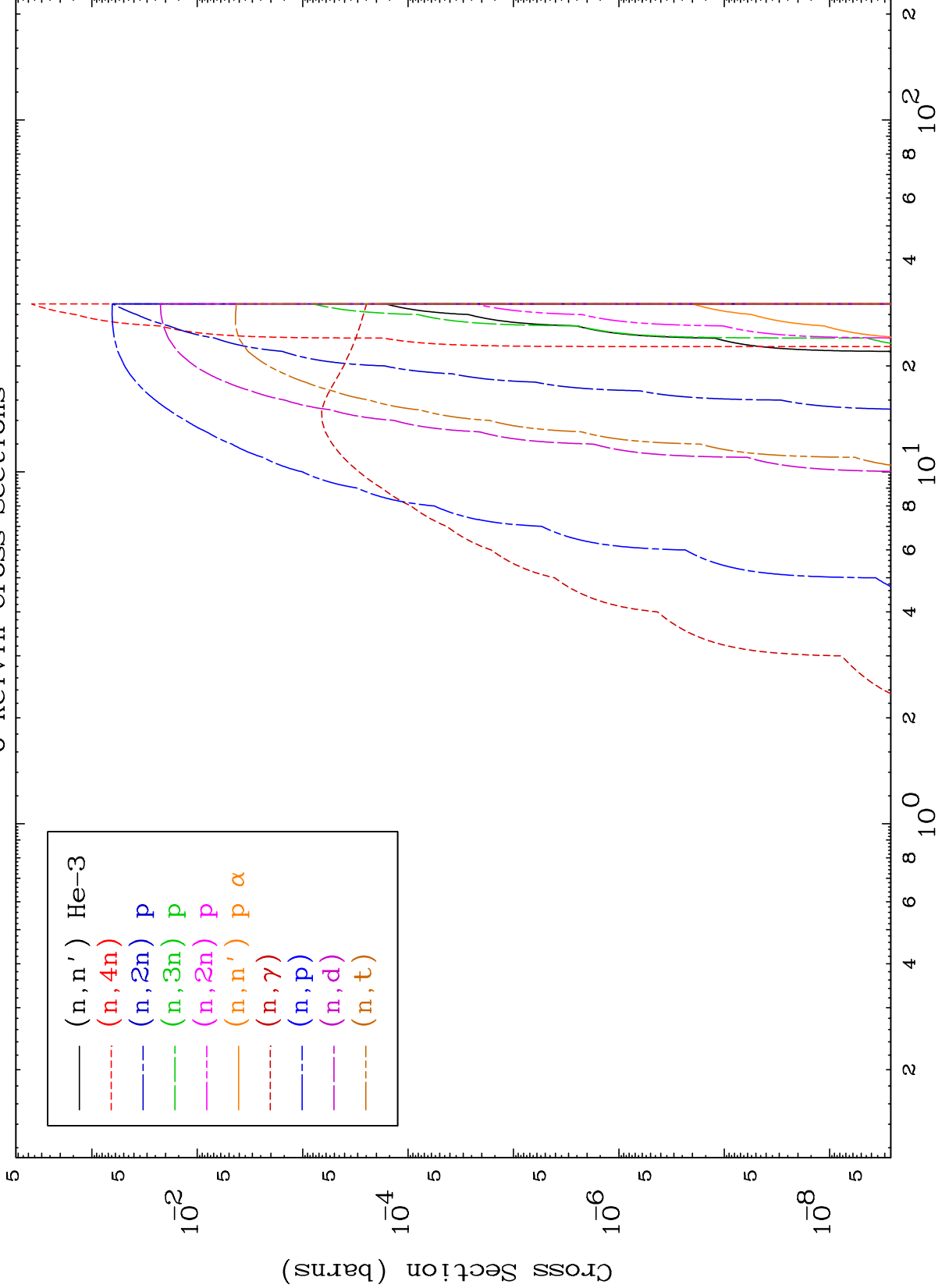
<sup>72</sup>Hf-178n



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Proton Neutron Absorption  
0 Kelvin Cross Sections

<sup>72</sup>Hf-178n



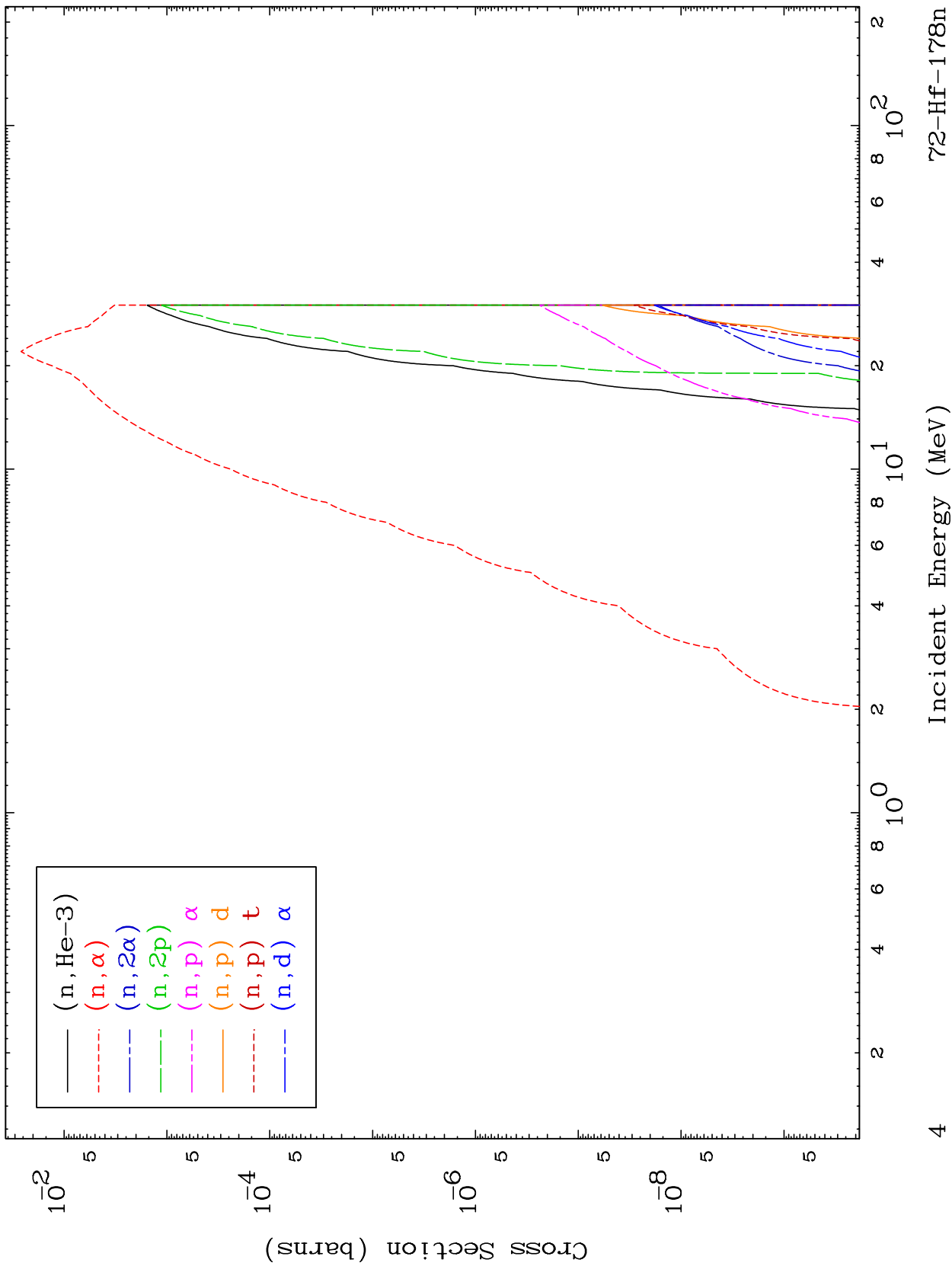
<sup>72</sup>Hf-178n

Incident Energy (MeV)

MAT 7239

Proton Neutron Absorption  
0 Kelvin Cross Sections

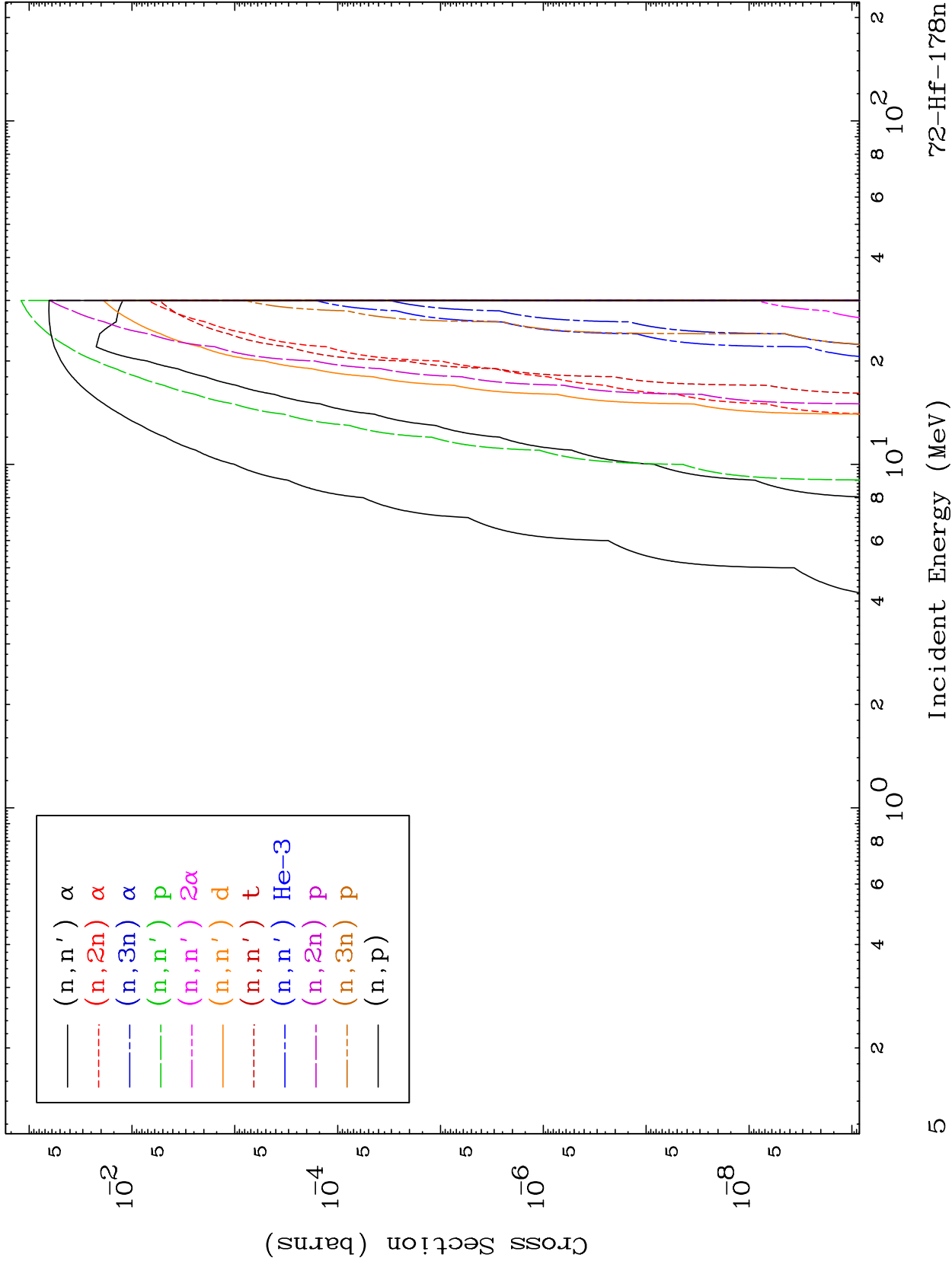
<sup>72</sup>Hf-178n



MAT 7239

Proton Charged Particle  
0 Kelvin Cross Sections

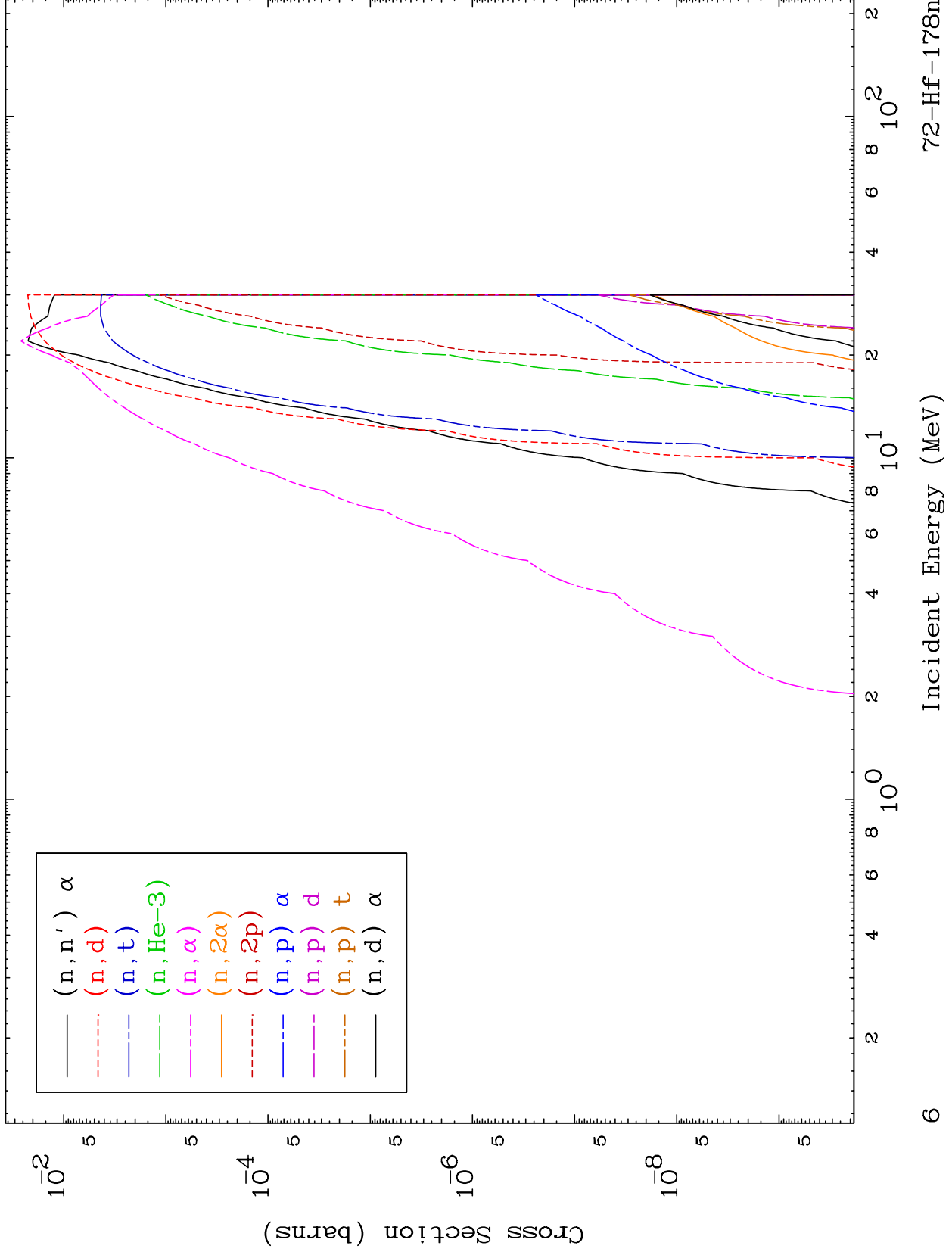
<sup>72</sup>Hf-178n



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Proton Charged Particle  
0 Kelvin Cross Sections

<sup>72</sup>Hf-178n

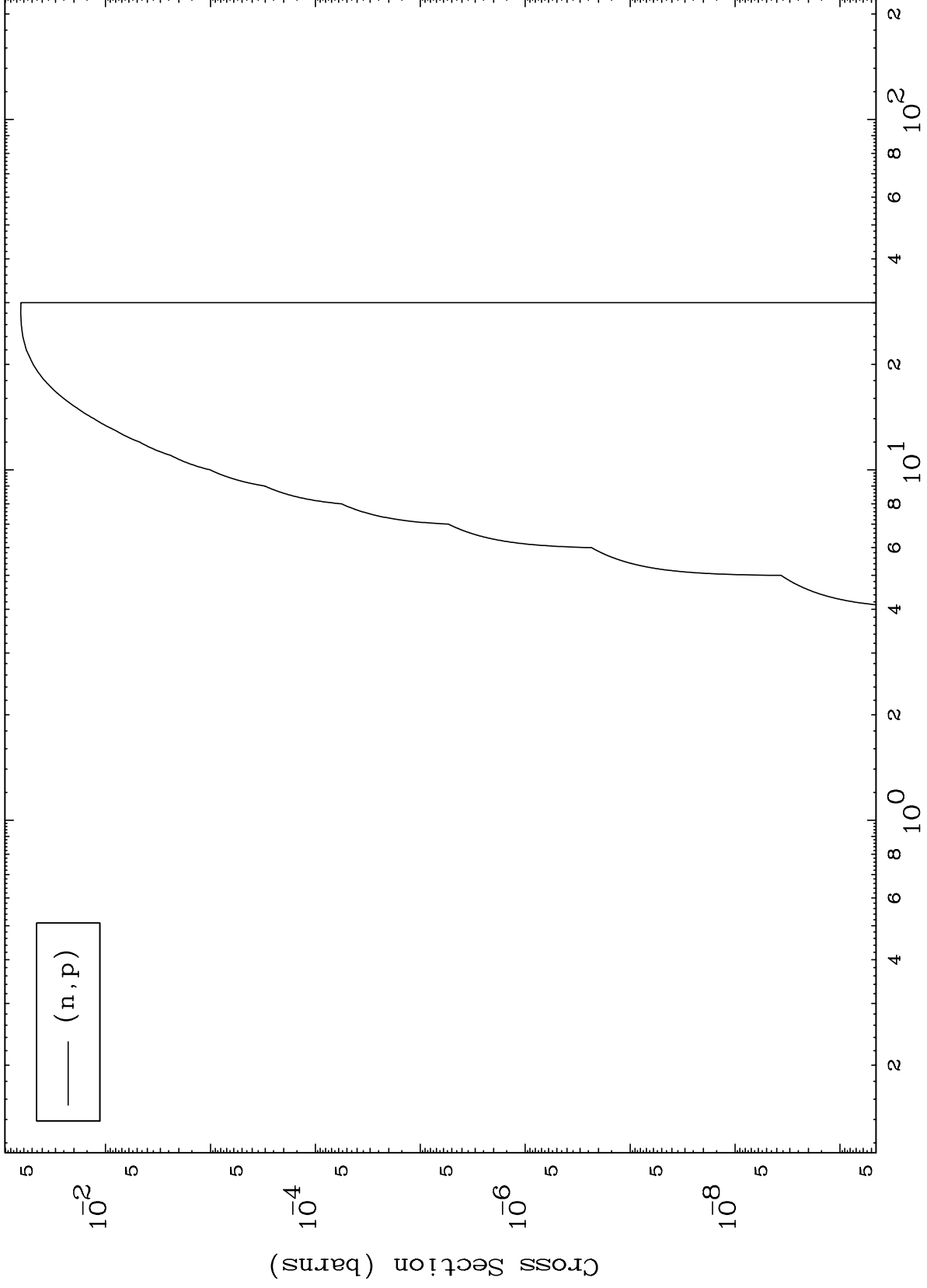


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(p,p) Levels

<sup>72</sup>Hf-178n

0 Kelvin Cross Sections

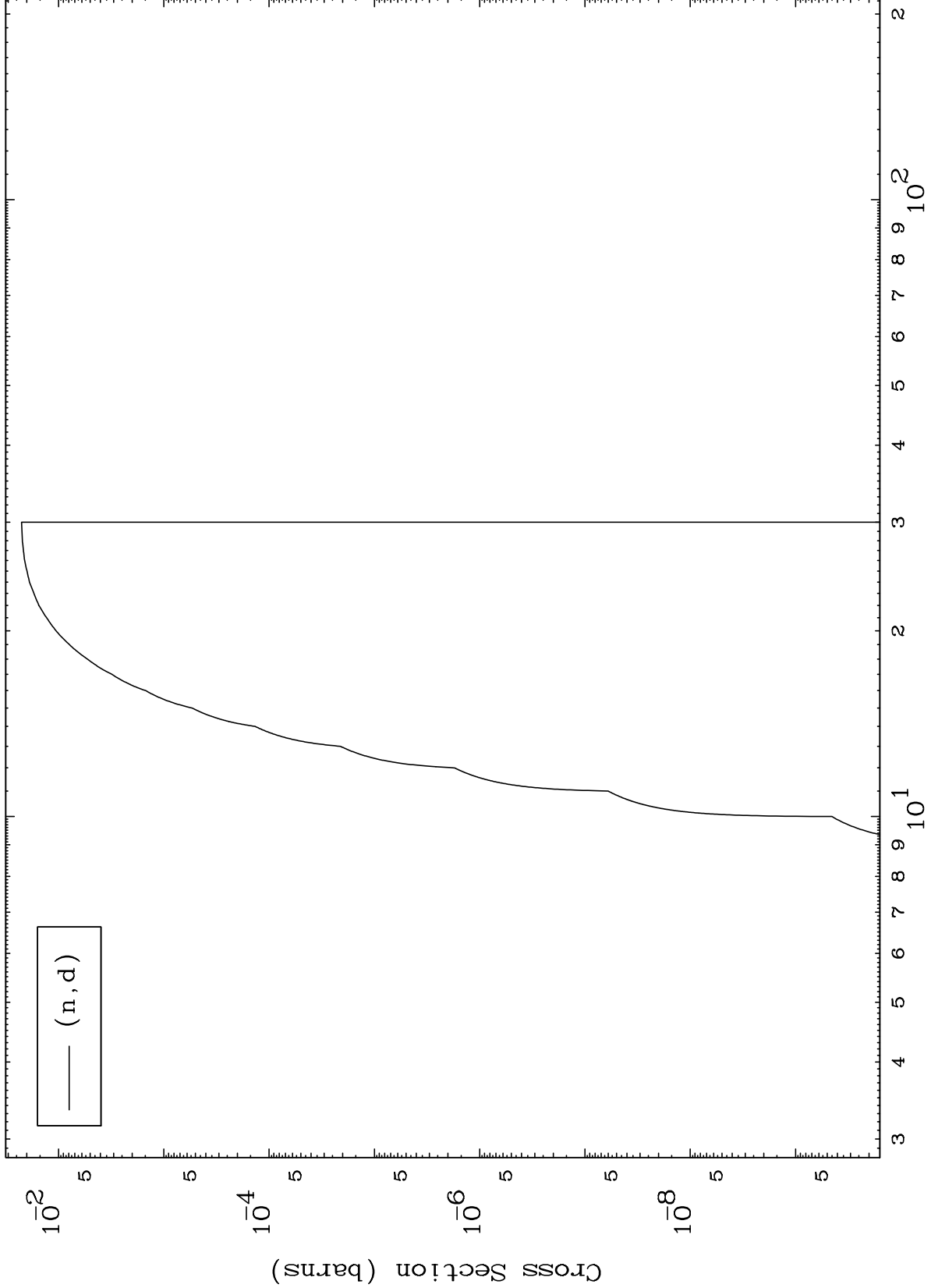




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(p,d) Levels  
0 Kelvin Cross Sections

<sup>72</sup>Hf-178n

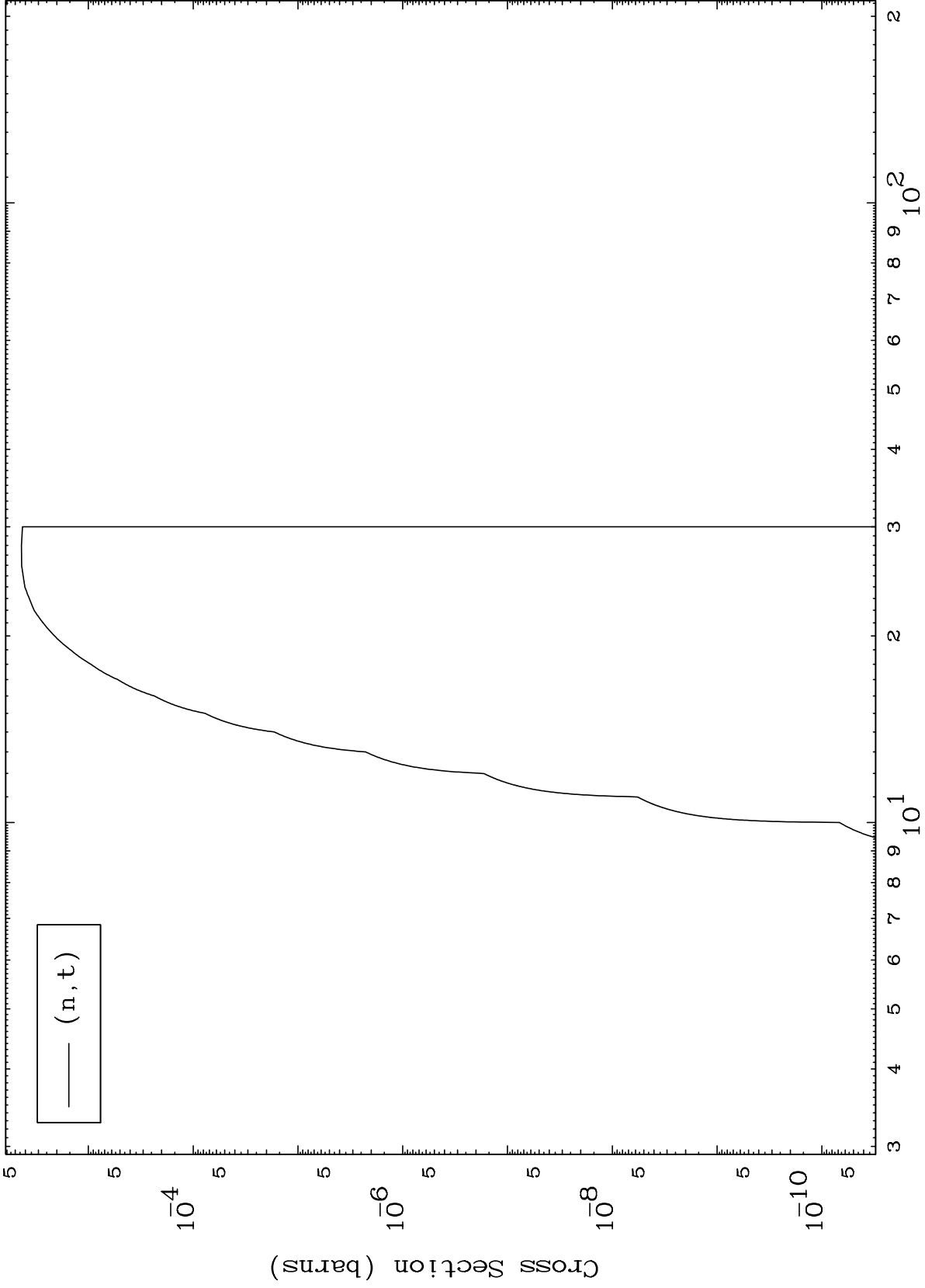


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(p, t) Levels

<sup>72</sup>Hf-178n

0 Kelvin Cross Sections



9

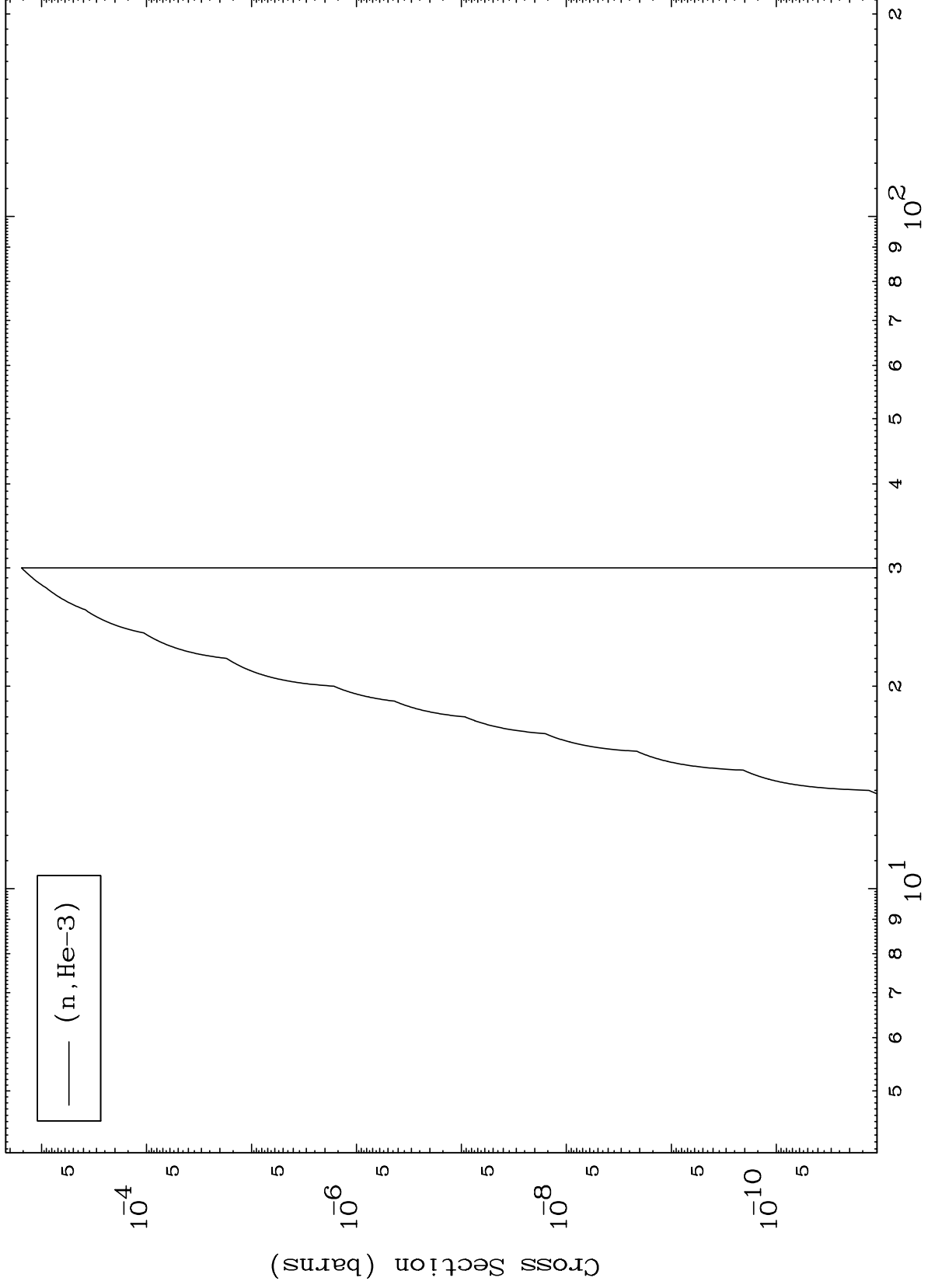
Incident Energy (MeV)

<sup>72</sup>Hf-178n

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(p,He3) Levels  
0 Kelvin Cross Sections

<sup>72</sup>Hf-178n



10

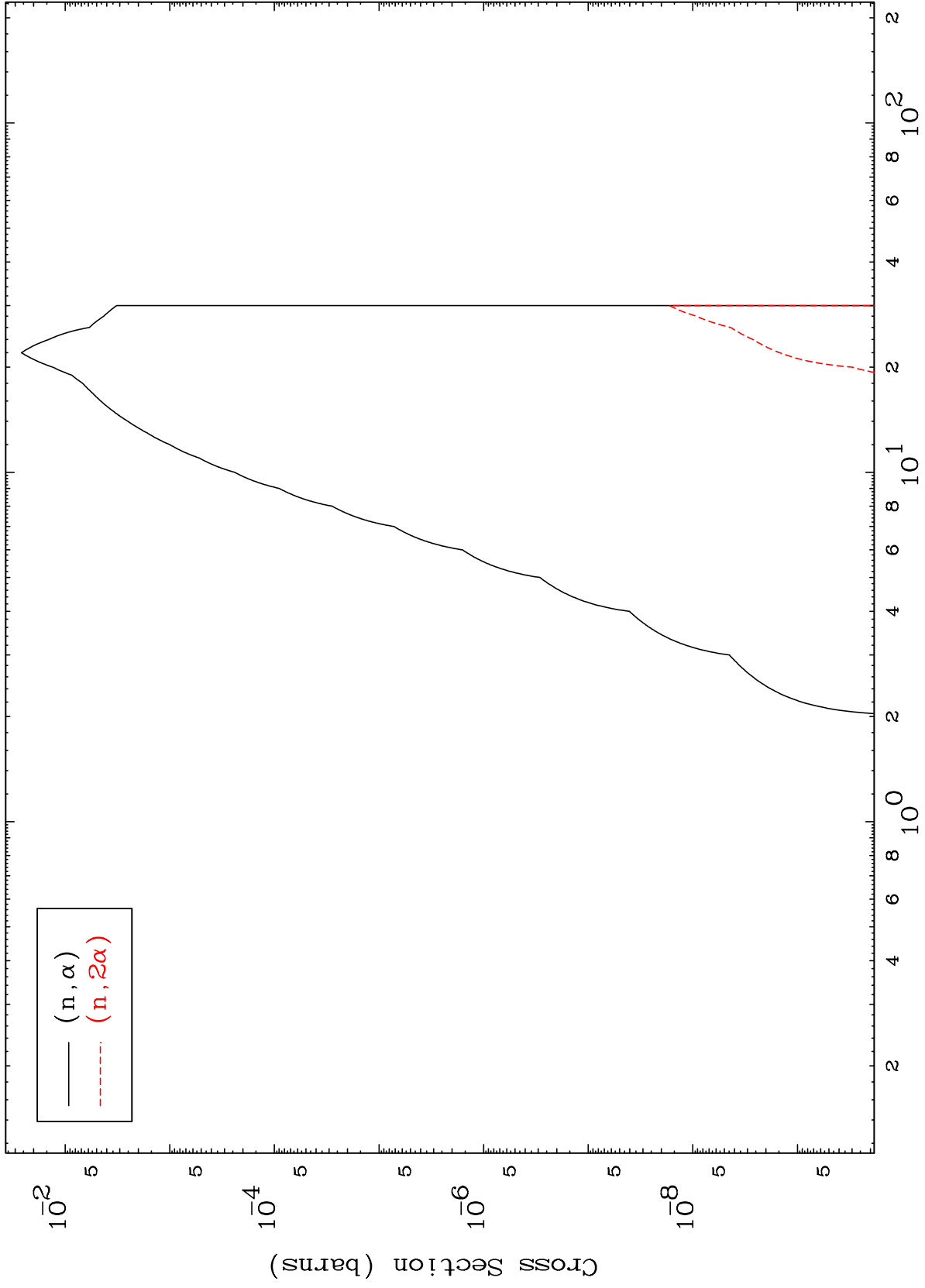
Incident Energy (MeV)

<sup>72</sup>Hf-178n

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

<sup>72</sup>Hf-178n

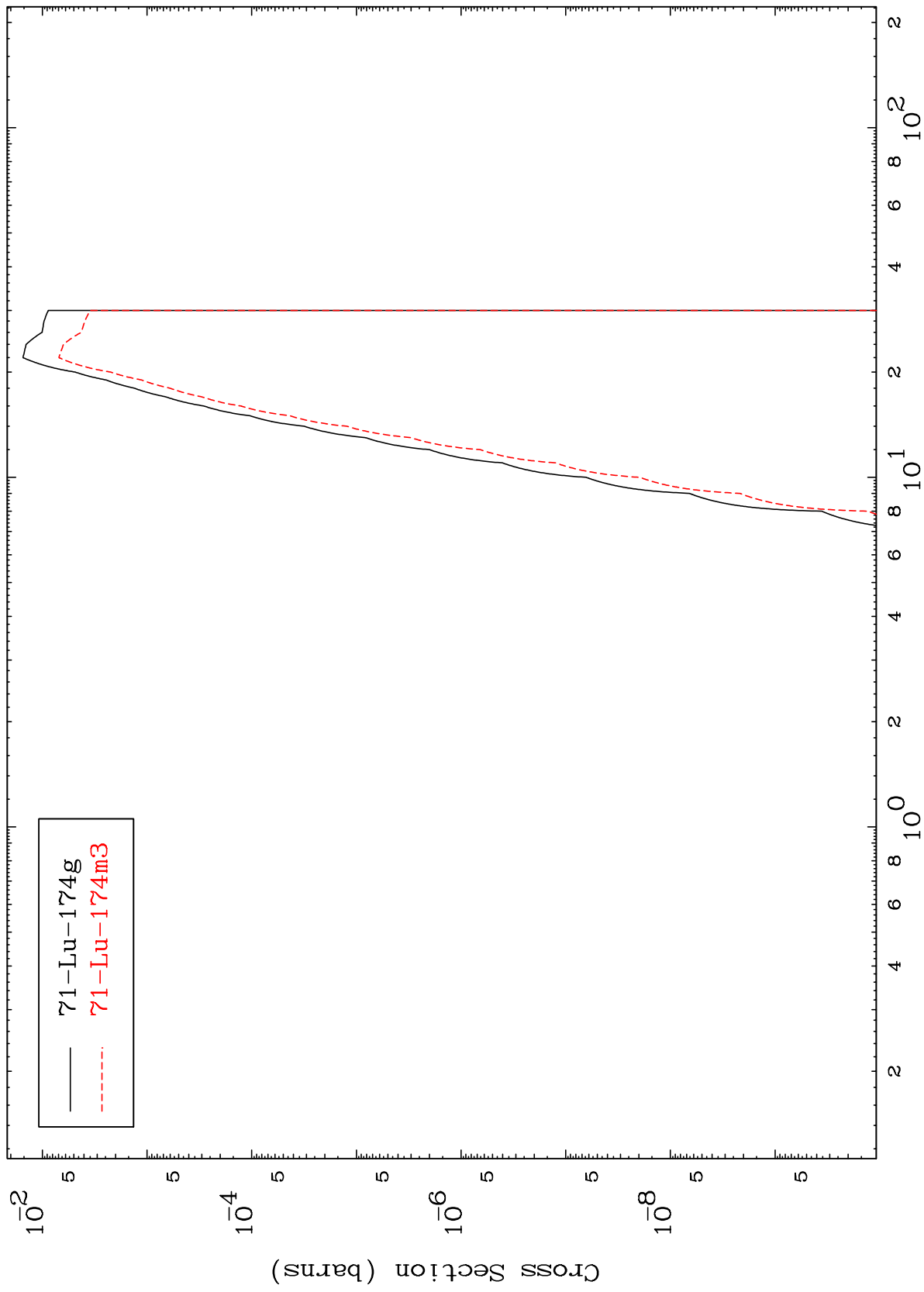


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$(n, n') \alpha$

$^{72}\text{Hf}-178\text{n}$

Radionuclide Production Cross Section



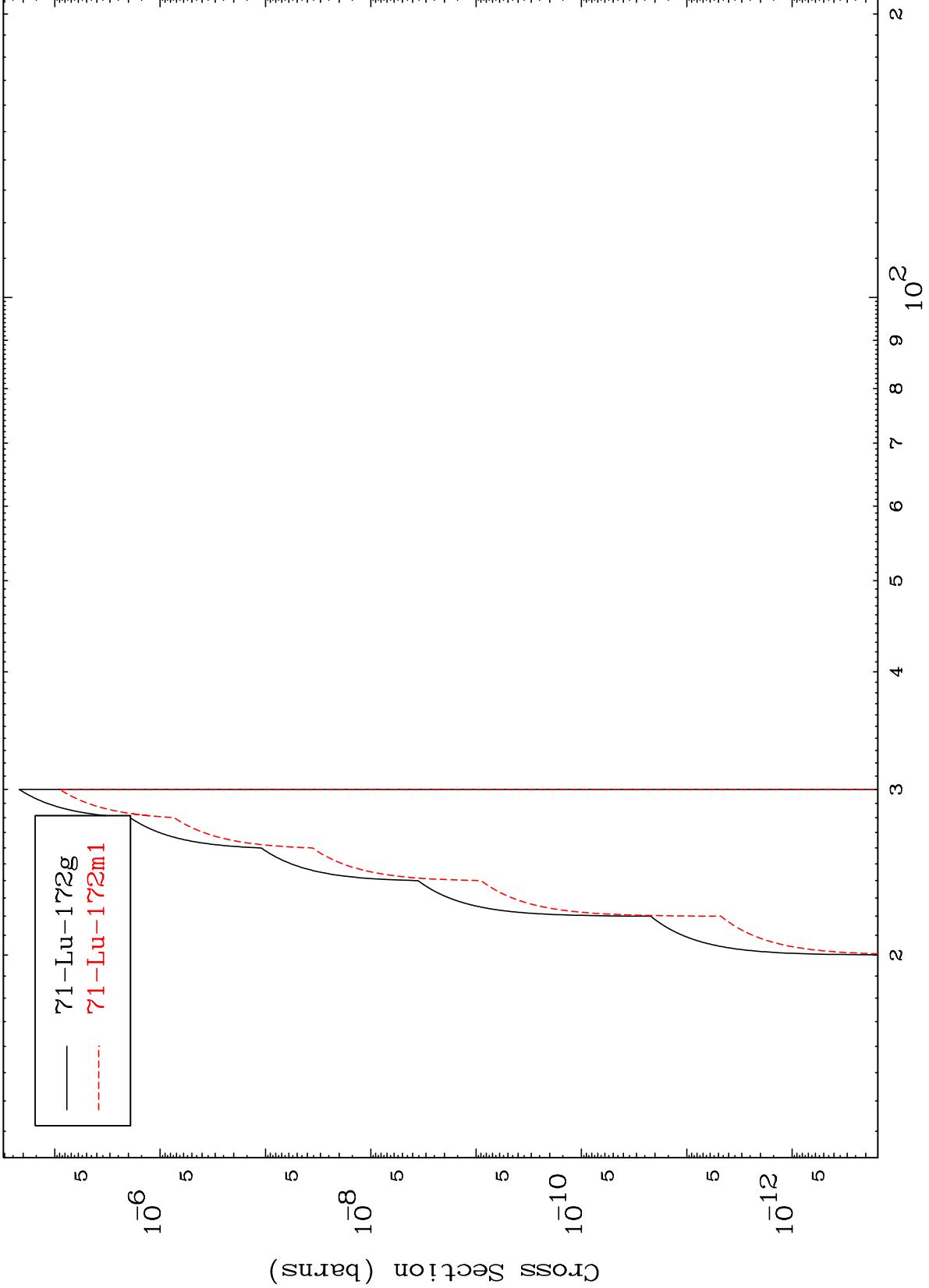
—  $^{71}\text{Lu}-174\text{g}$   
- - -  $^{71}\text{Lu}-174\text{m3}$

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(n,3n)  $\alpha$

$^{72}\text{Hf}-178\text{n}$

Radionuclide Production Cross Section

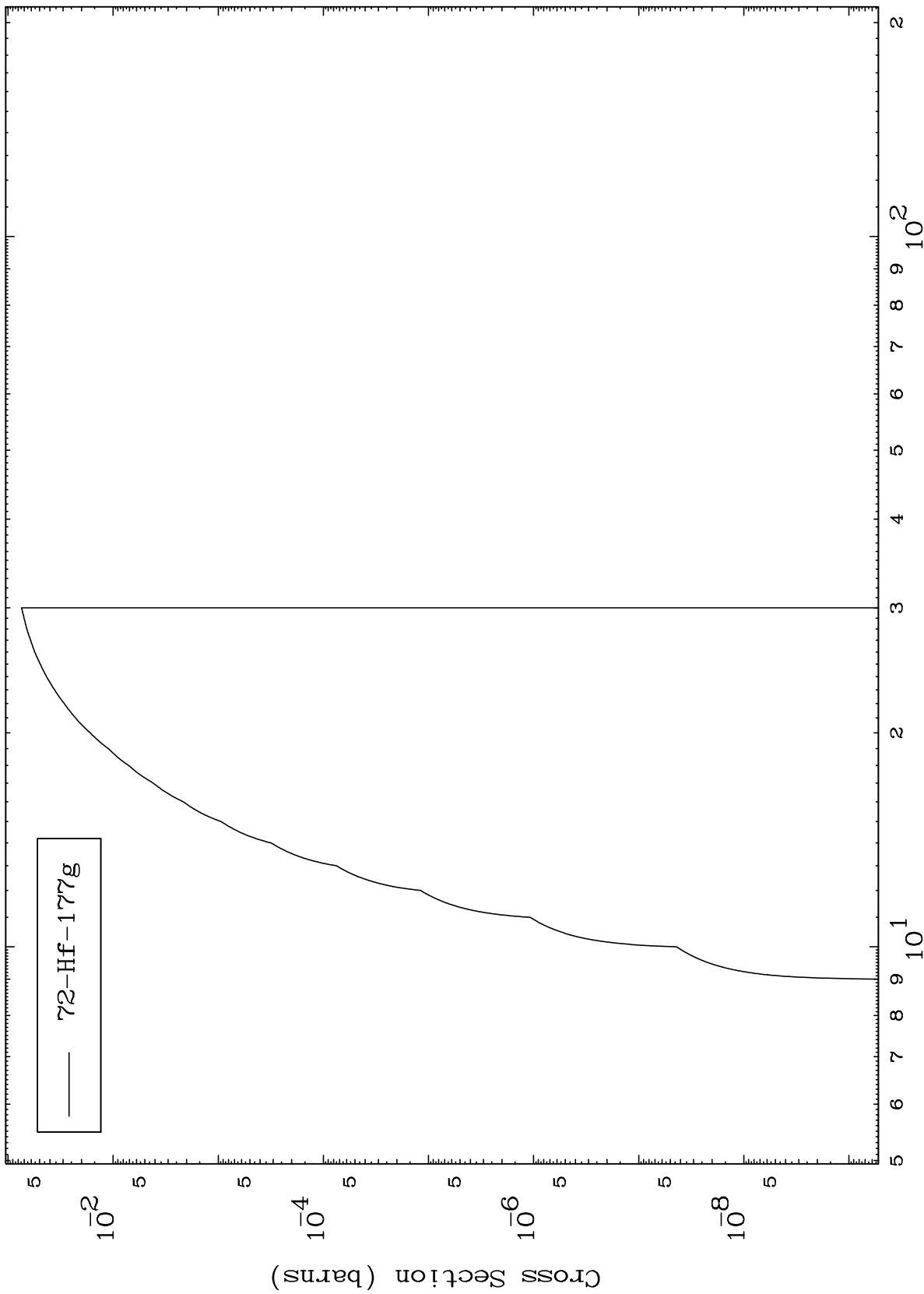


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(n,n') p

<sup>72</sup>Hf-178n

Radionuclide Production Cross Section



Incident Energy (MeV)

<sup>72</sup>Hf-178n

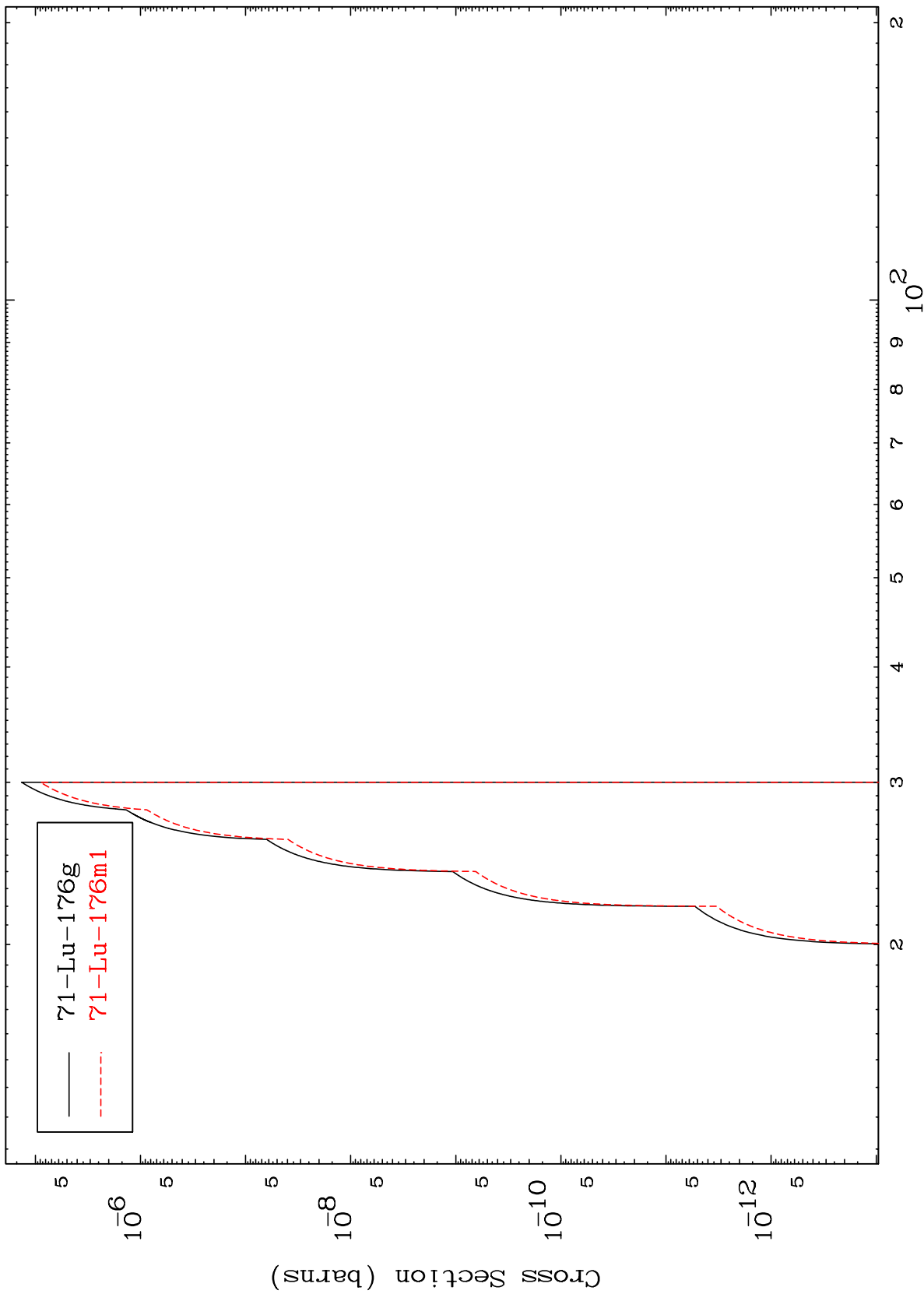
14

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(n,2n) p

<sup>72</sup>Hf-178n

Radionuclide Production Cross Section



15

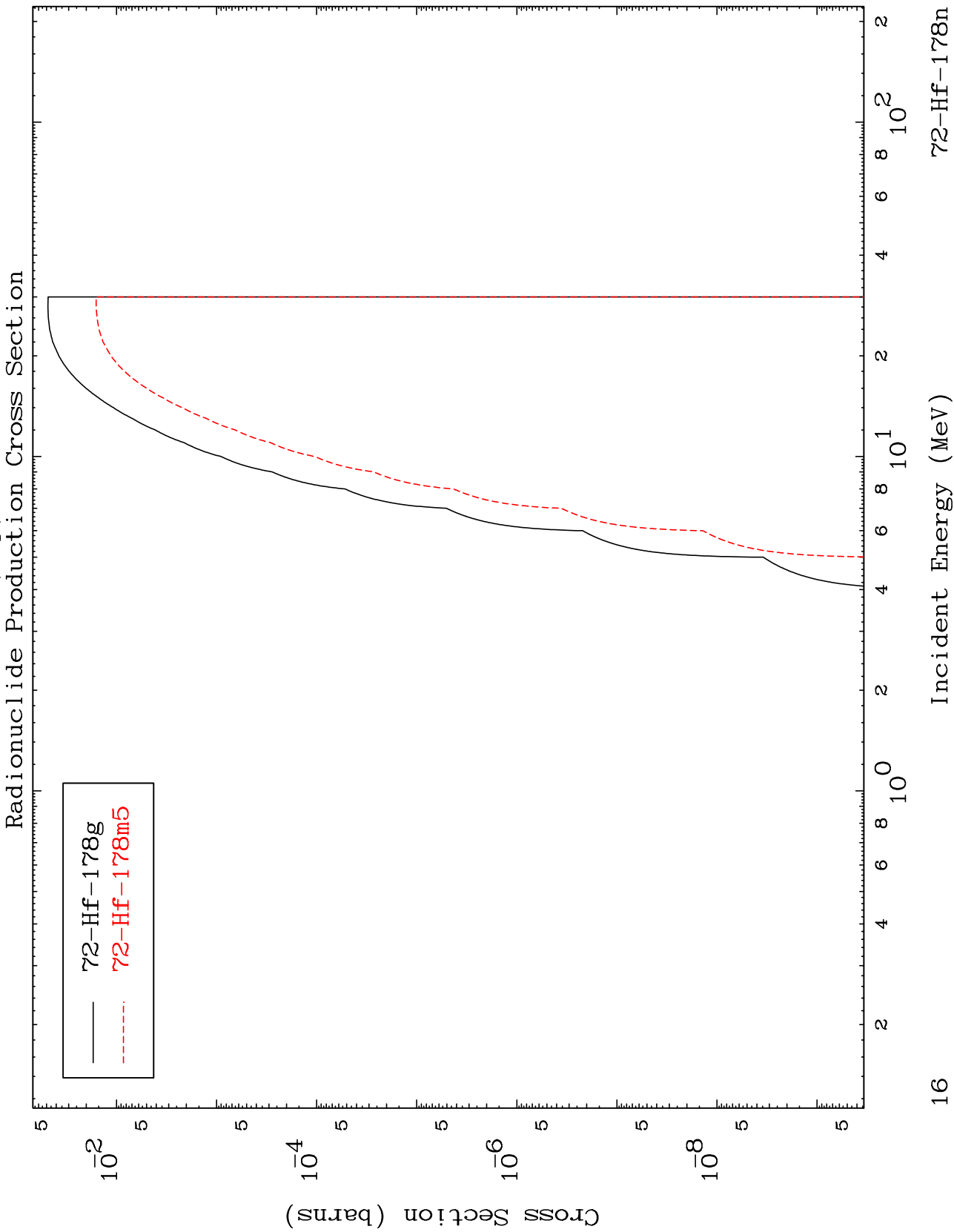
Incident Energy (MeV)

<sup>72</sup>Hf-178n



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<sup>72</sup>Hf-178n



— 72-Hf-178g  
- - - 72-Hf-178m5

<sup>72</sup>Hf-178n

Incident Energy (MeV)

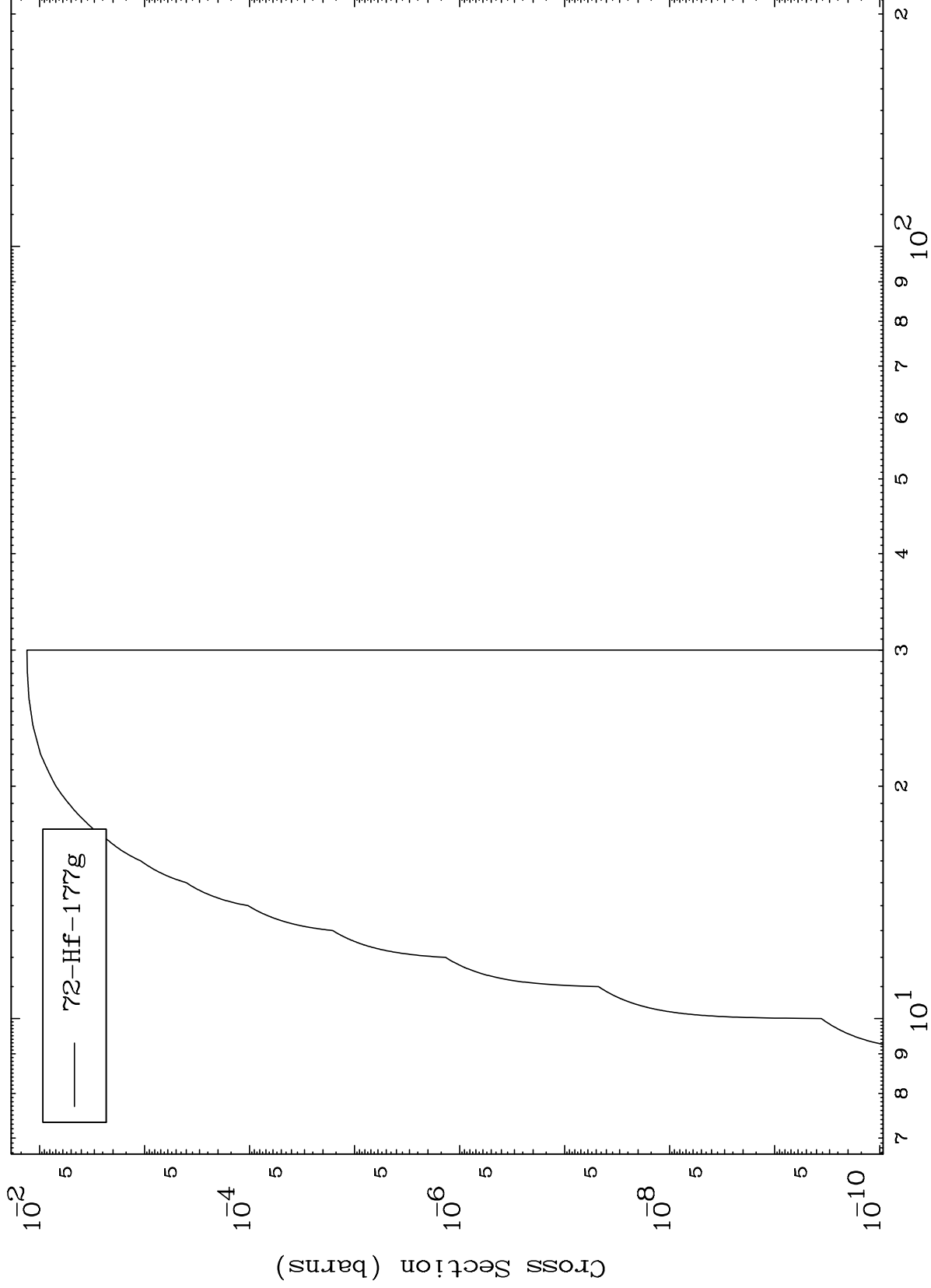
16

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(n,d)

<sup>72</sup>Hf-178n

Radionuclide Production Cross Section



17

Incident Energy (MeV)

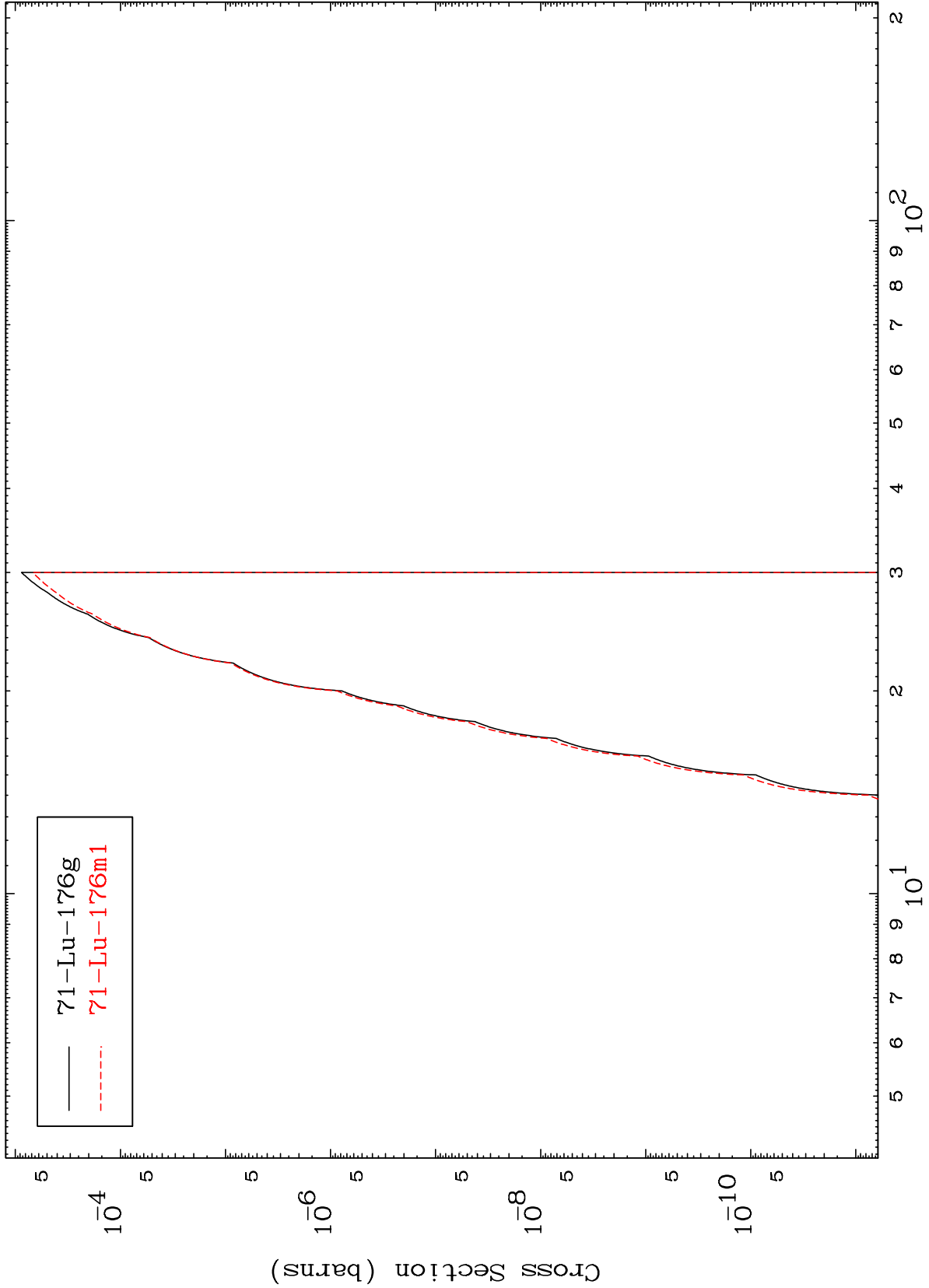
<sup>72</sup>Hf-178n

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(n,He-3)

<sup>72</sup>Hf-178n

Radionuclide Production Cross Section



18

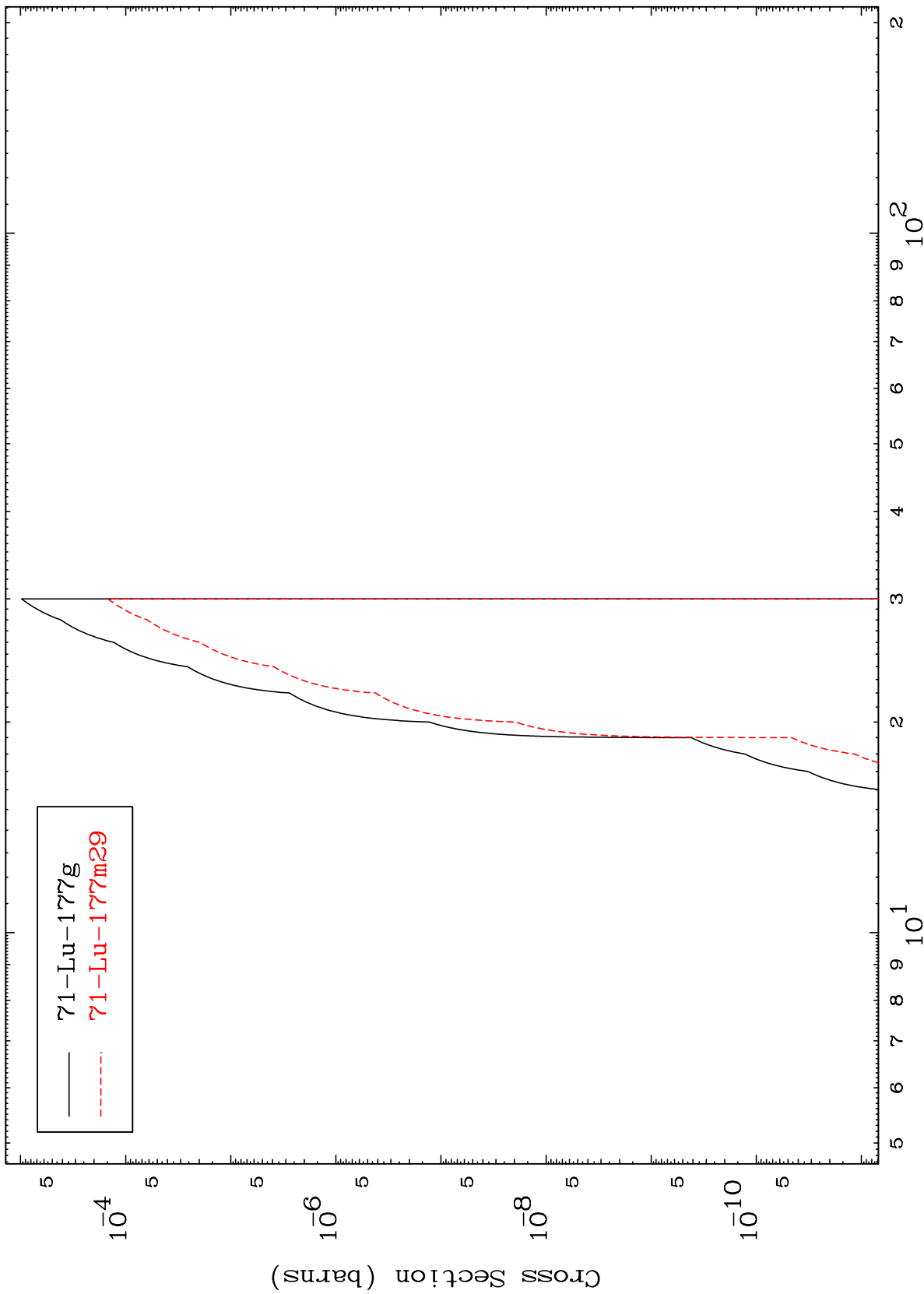
Incident Energy (MeV)

<sup>72</sup>Hf-178n

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<sup>72</sup>Hf-178n

Radionuclide Production Cross Section (n,2p)



19

Incident Energy (MeV)

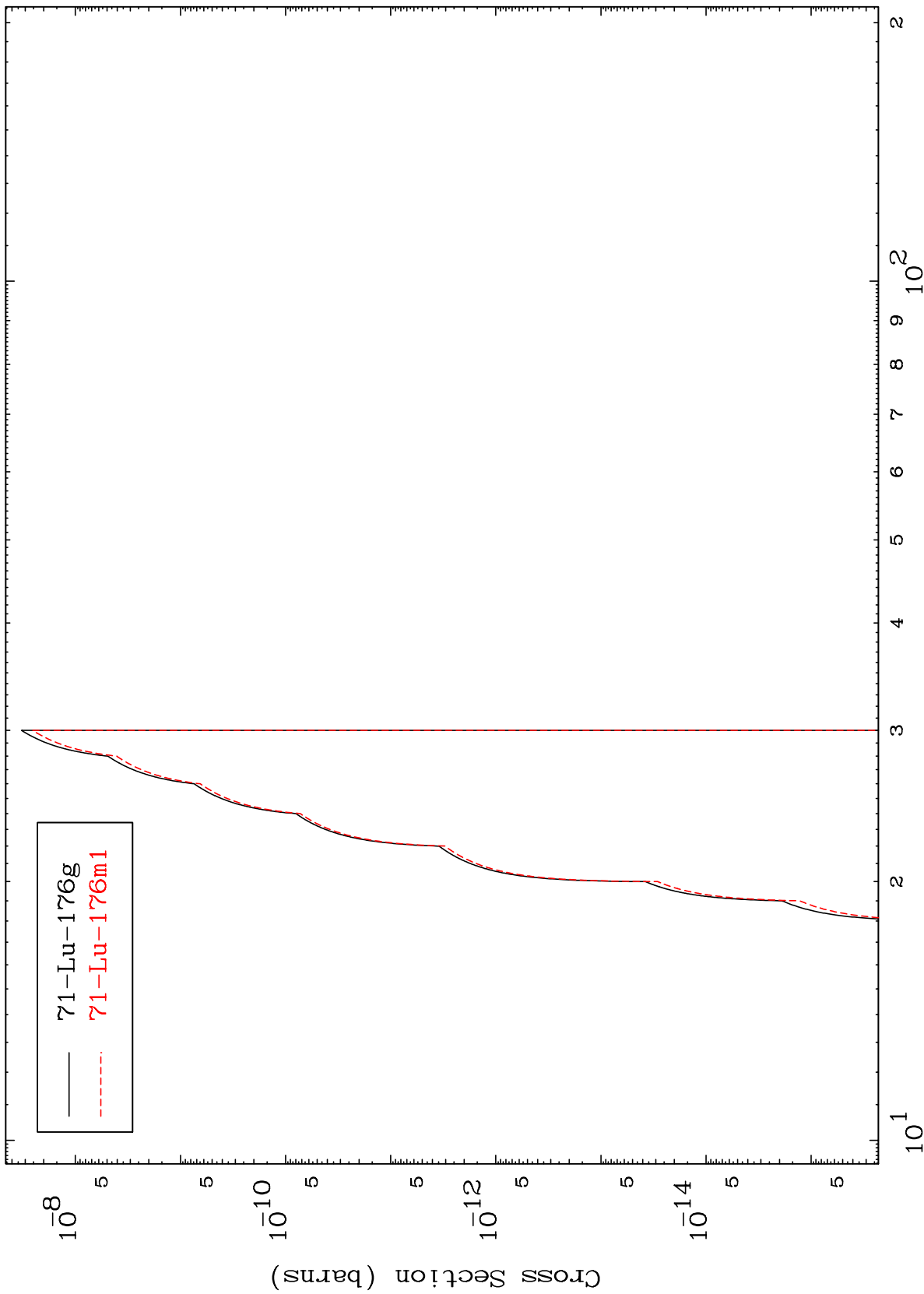
<sup>72</sup>Hf-178n

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(n,p) d

<sup>72</sup>Hf-178n

Radionuclide Production Cross Section



Incident Energy (MeV)

<sup>72</sup>Hf-178n