

Program EVALPLOT  
(Version 2021-1)

by

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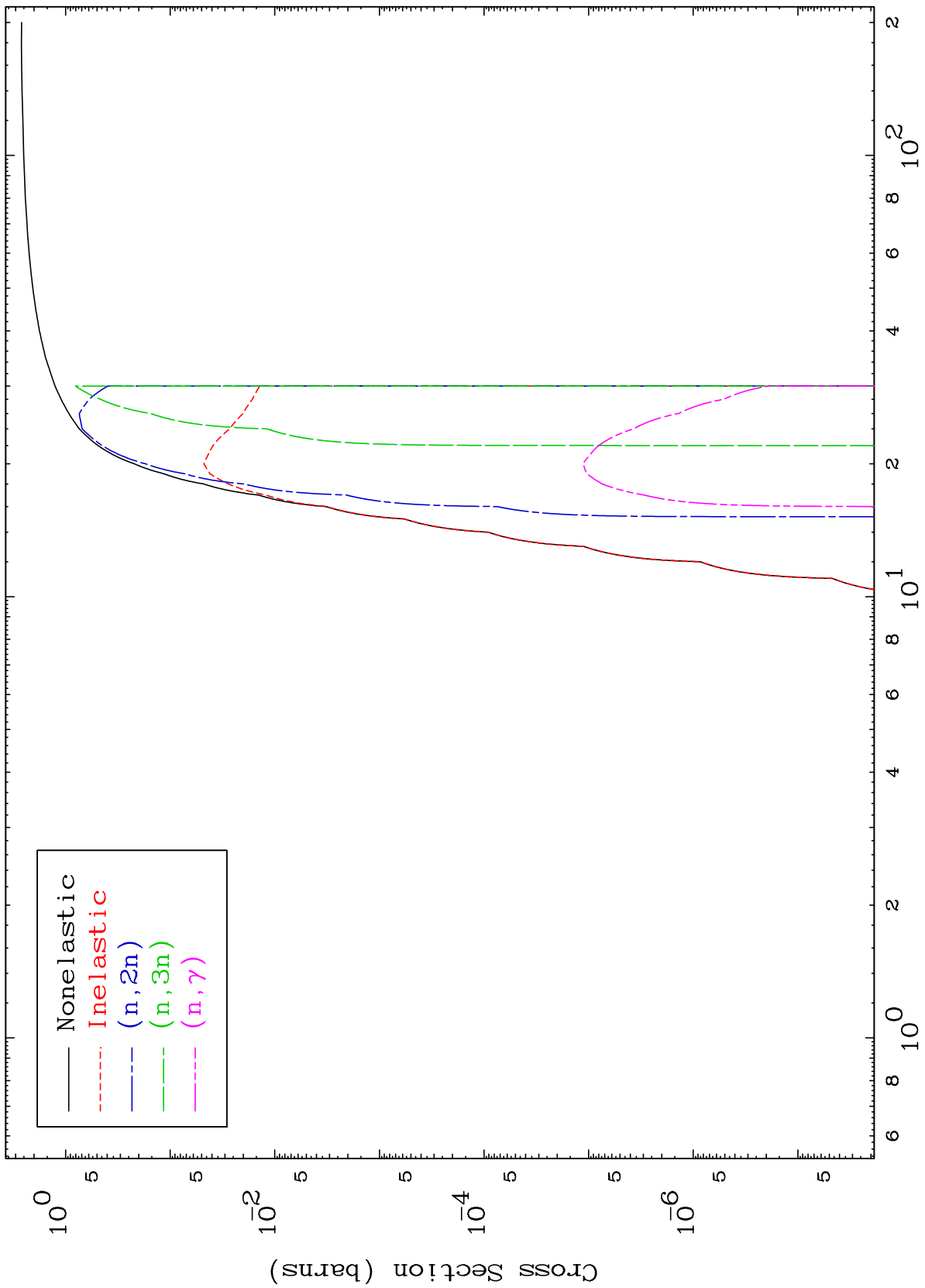
Press Mouse Button to Start

MAT 7242

0 Kelvin

Major Cross Sections

$^{72}\text{Hf}-179\text{n}$



1

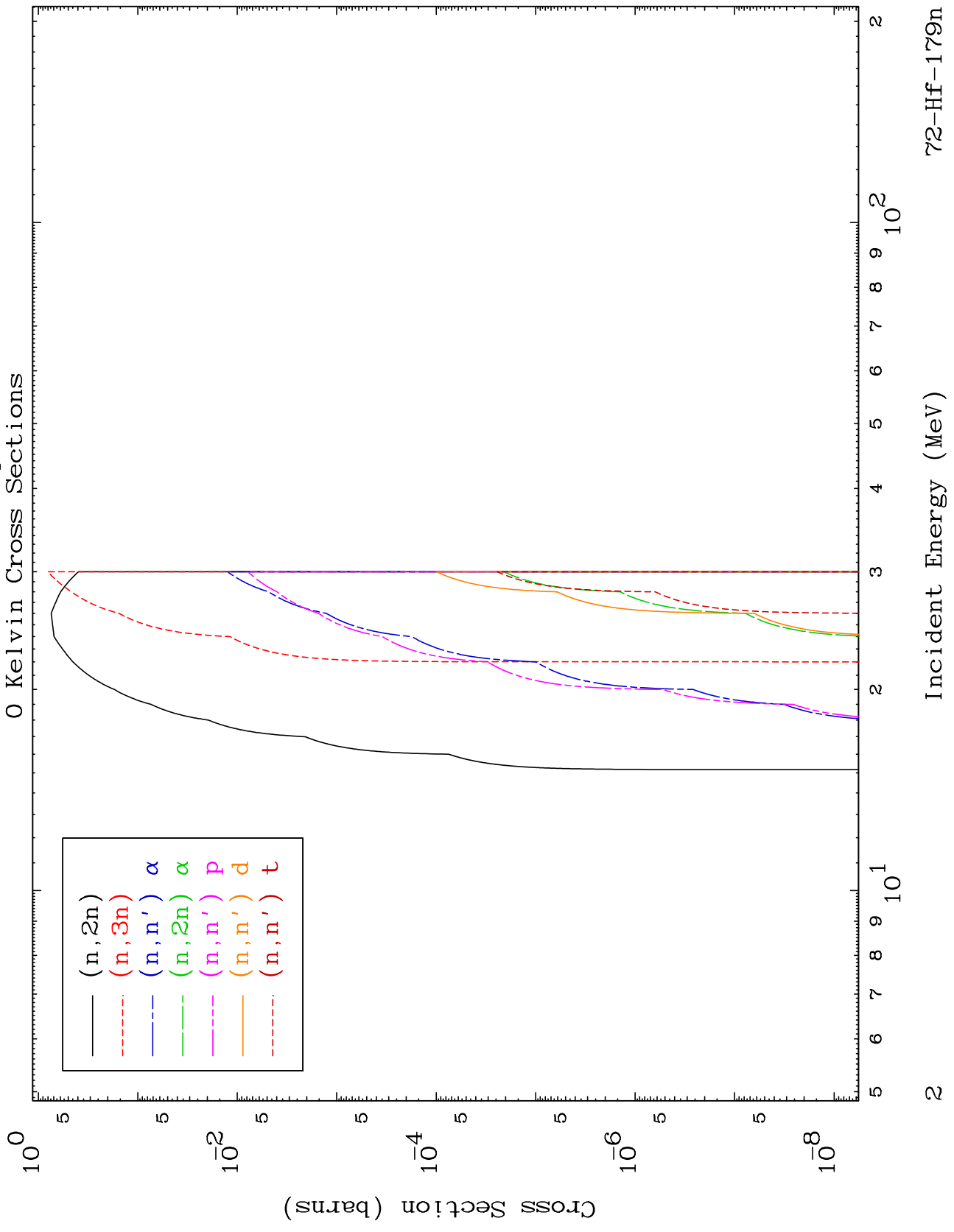
Incident Energy (MeV)

$^{72}\text{Hf}-179\text{n}$

MAT 7242

$\alpha$  Neutron Absorption

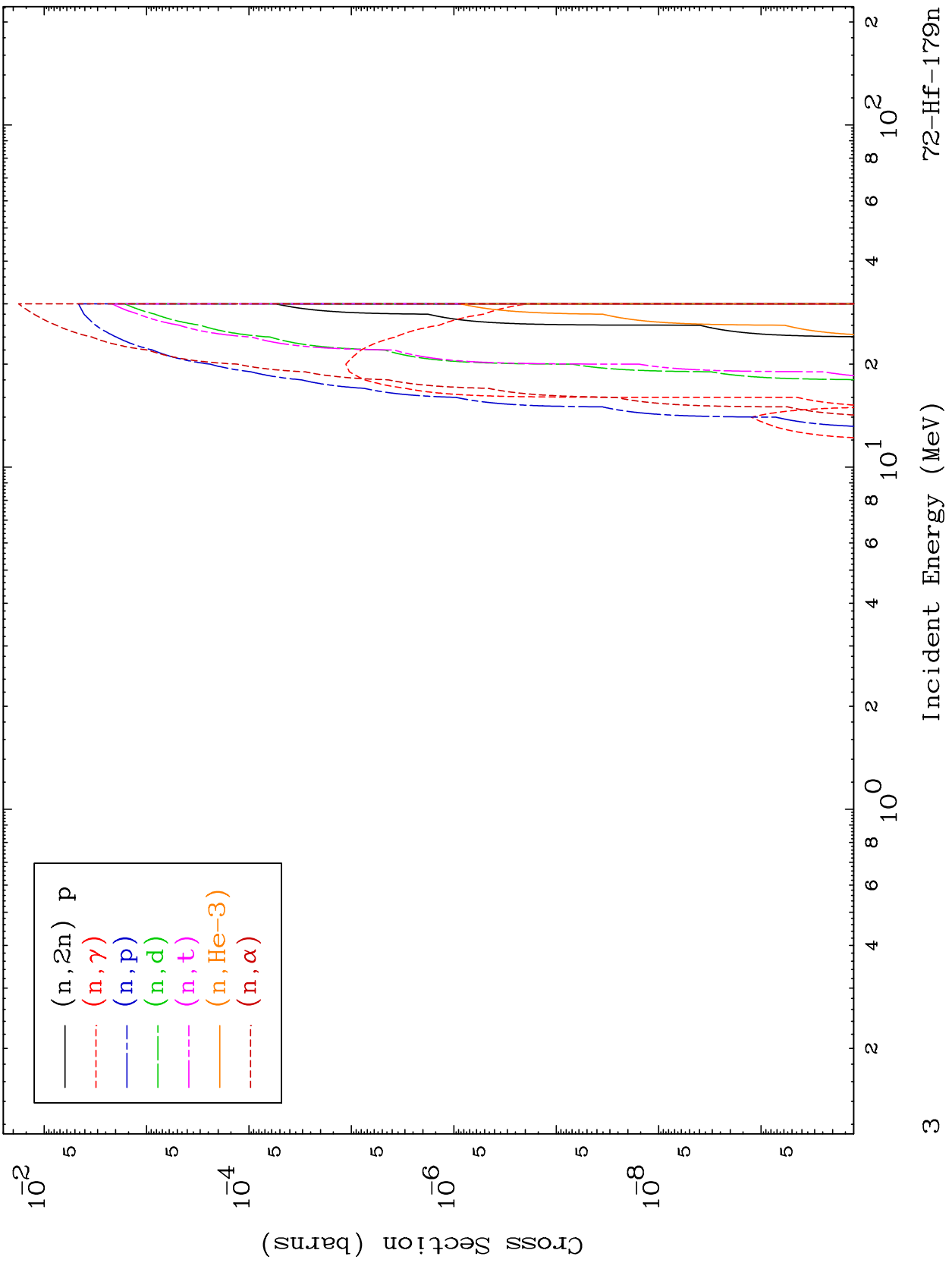
$^{72}\text{Hf}-179\text{n}$



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$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

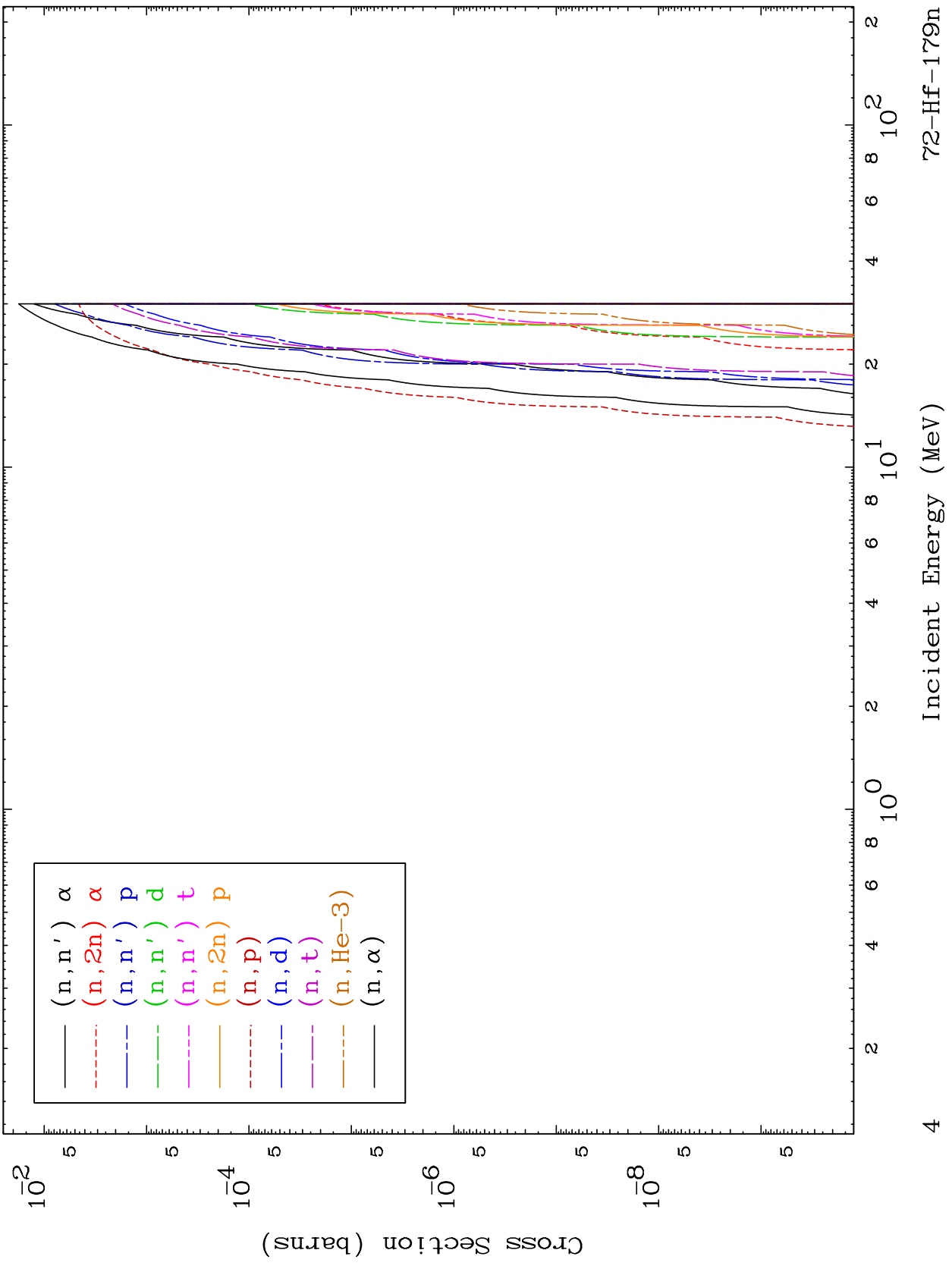
$^{72}\text{Hf}-179\text{n}$



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$\alpha$  Charged Particle  
0 Kelvin Cross Sections

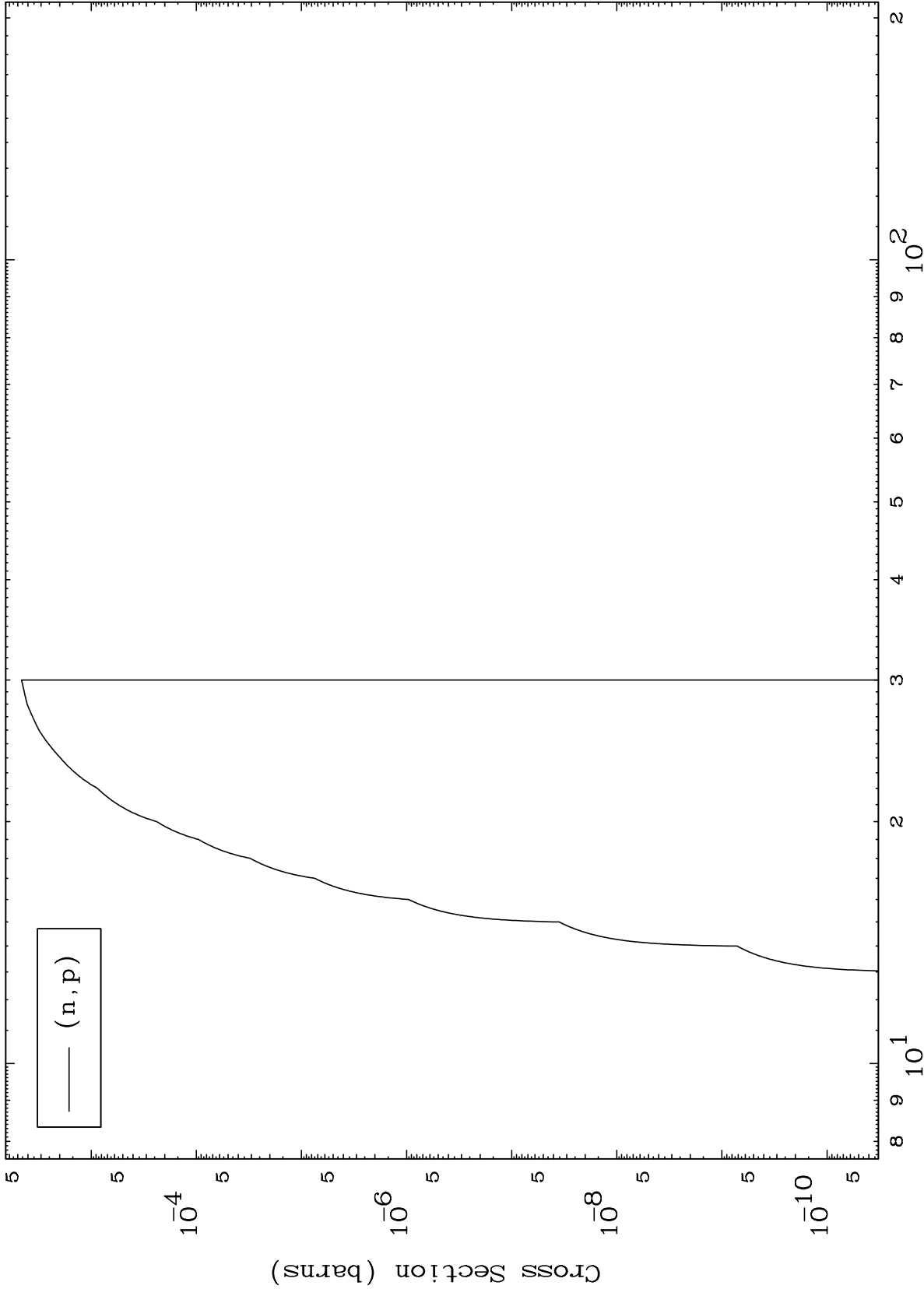
$^{72}\text{Hf}-179\text{n}$



MAT 7242

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

$^{72}\text{Hf}-179\text{n}$



Incident Energy (MeV)

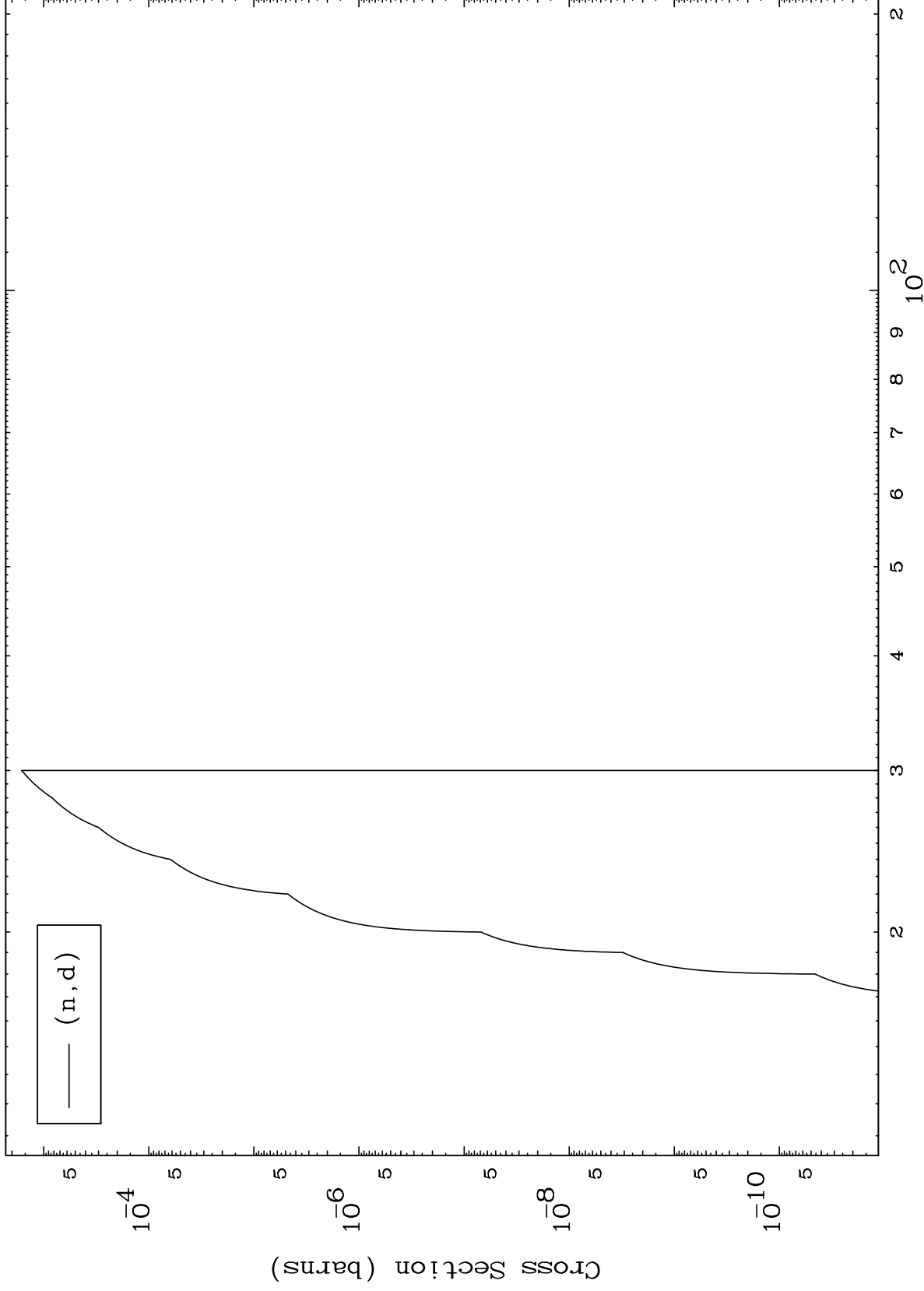
$^{72}\text{Hf}-179\text{n}$

5

MAT 7242

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

$^{72}\text{Hf}-179\text{n}$



6

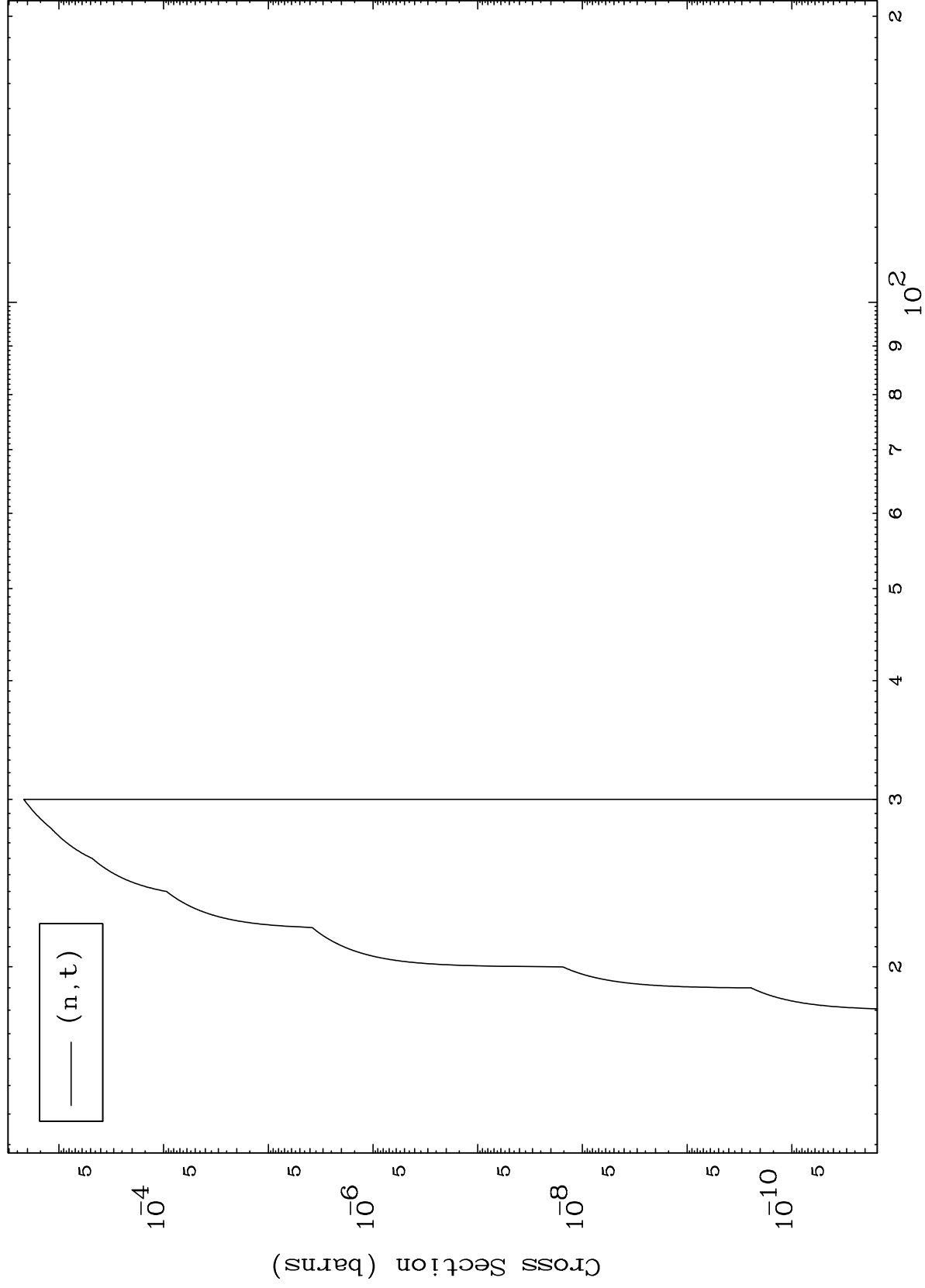
Incident Energy (MeV)

$^{72}\text{Hf}-179\text{n}$

MAT 7242

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

$^{72}\text{Hf}-179\text{n}$



7

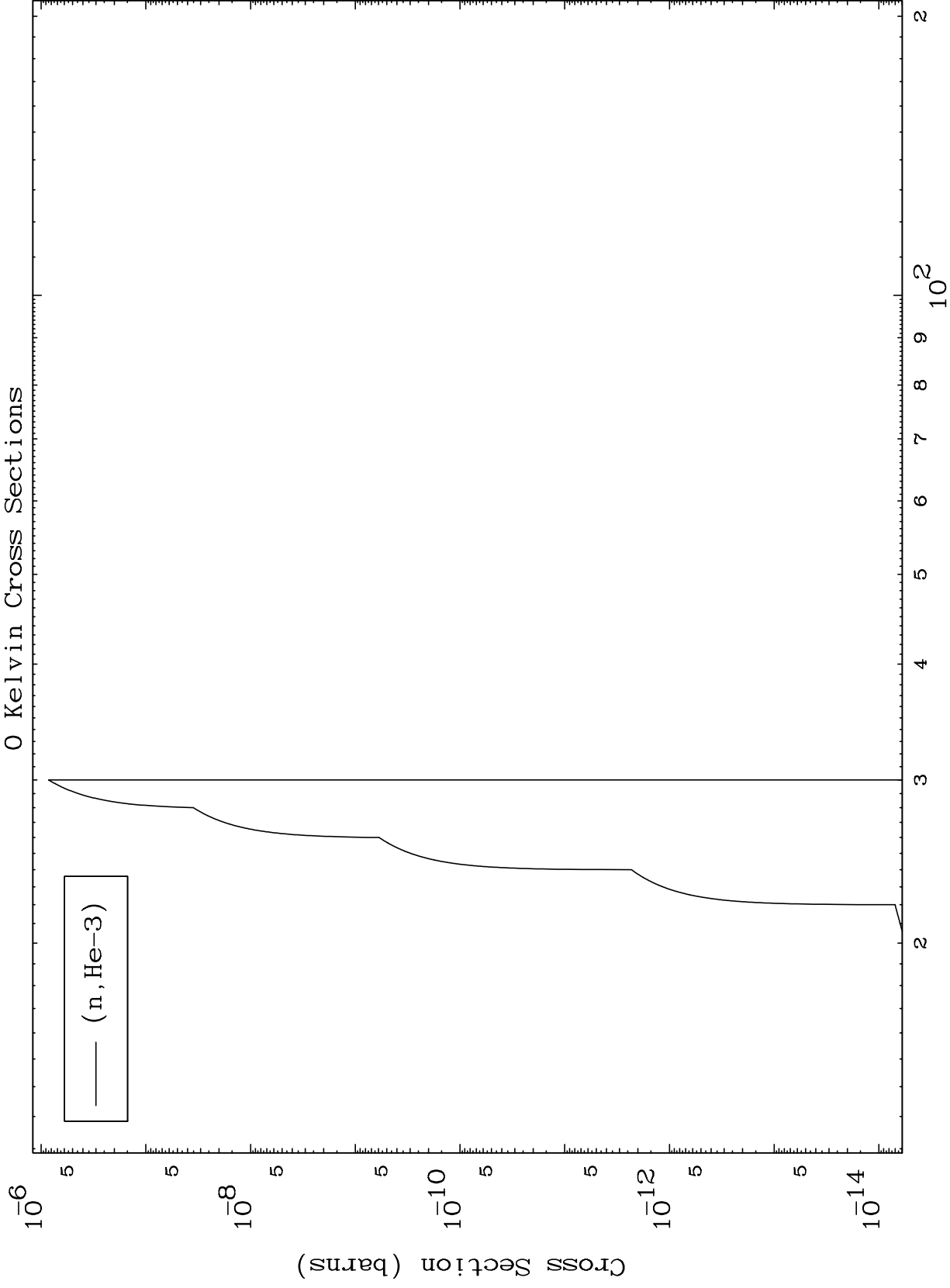
Incident Energy (MeV)

$^{72}\text{Hf}-179\text{n}$

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<sup>72</sup>Hf-179n

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

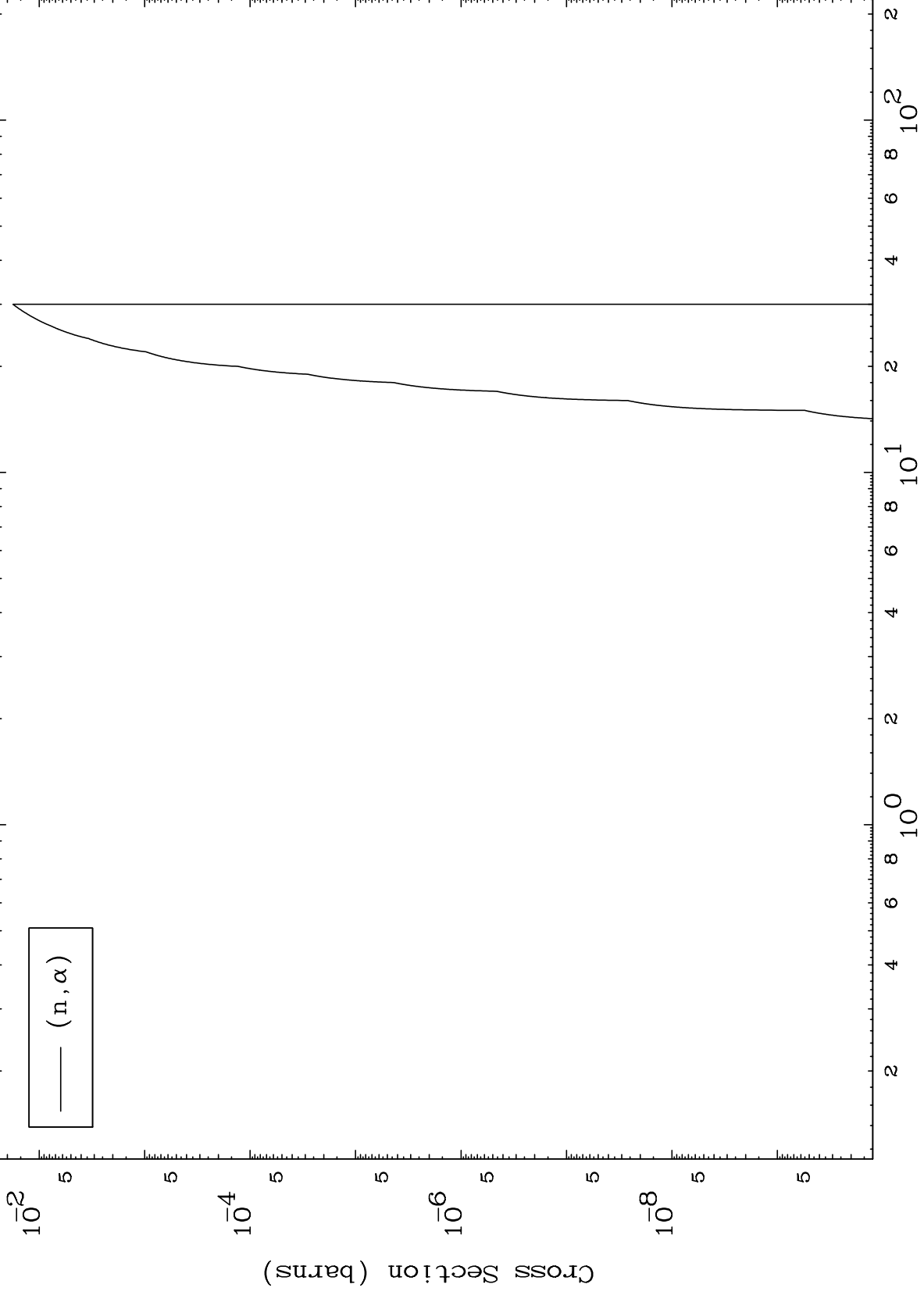


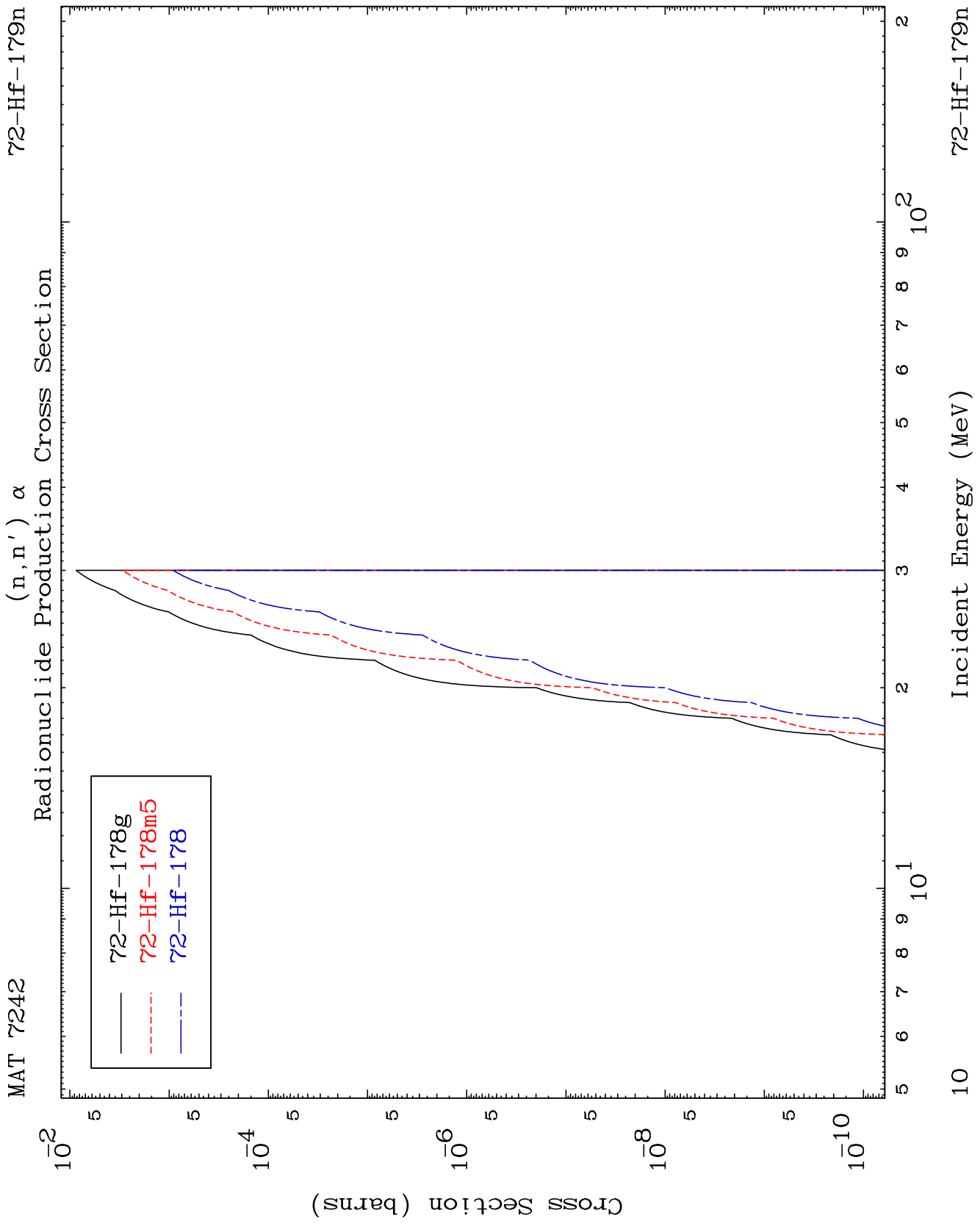
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( $\alpha, \alpha$ ) Levels

$^{72}\text{Hf}-179\text{n}$

0 Kelvin Cross Sections



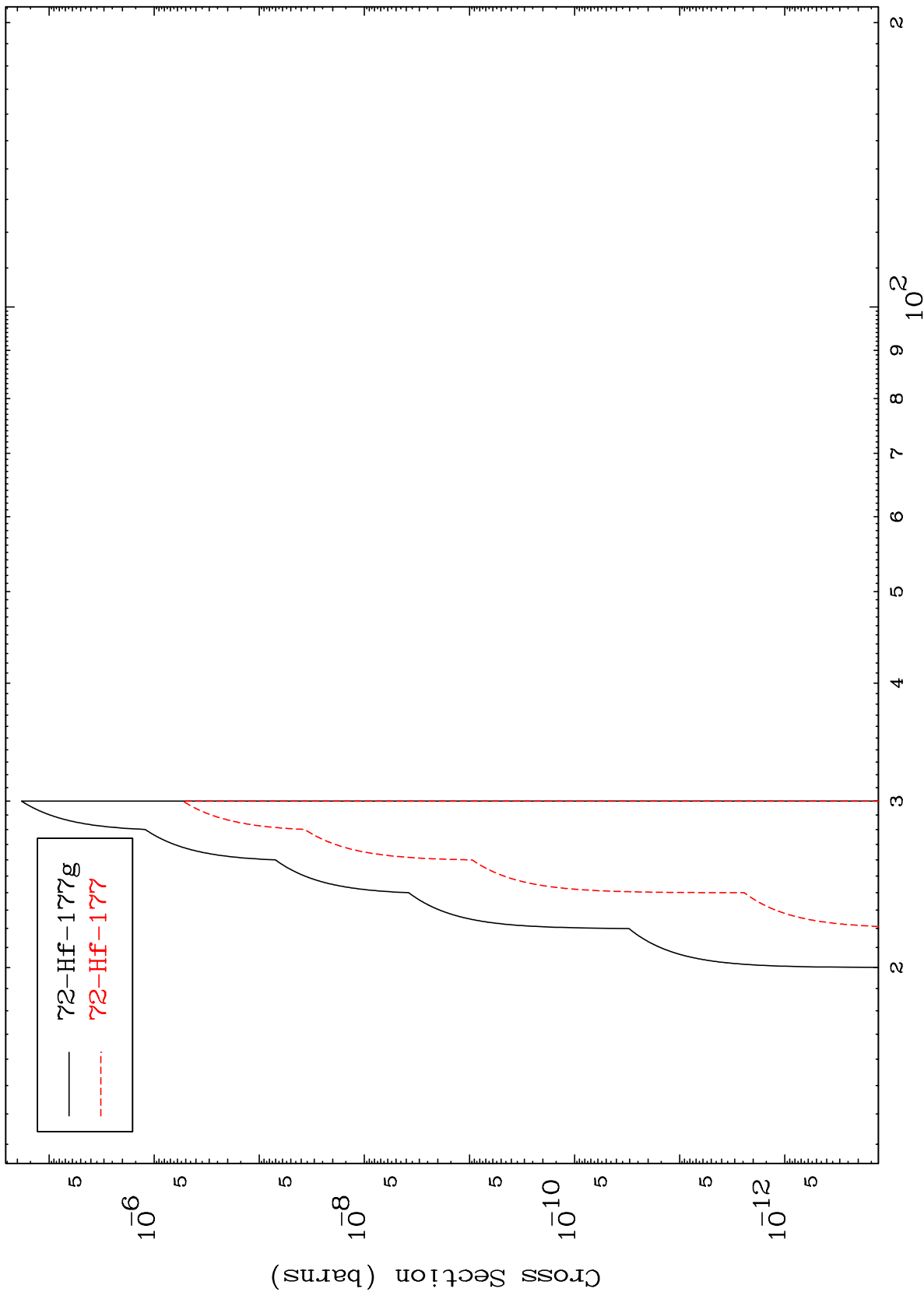


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(n,2n)  $\alpha$

$^{72}\text{Hf}-179\text{n}$

Radionuclide Production Cross Section

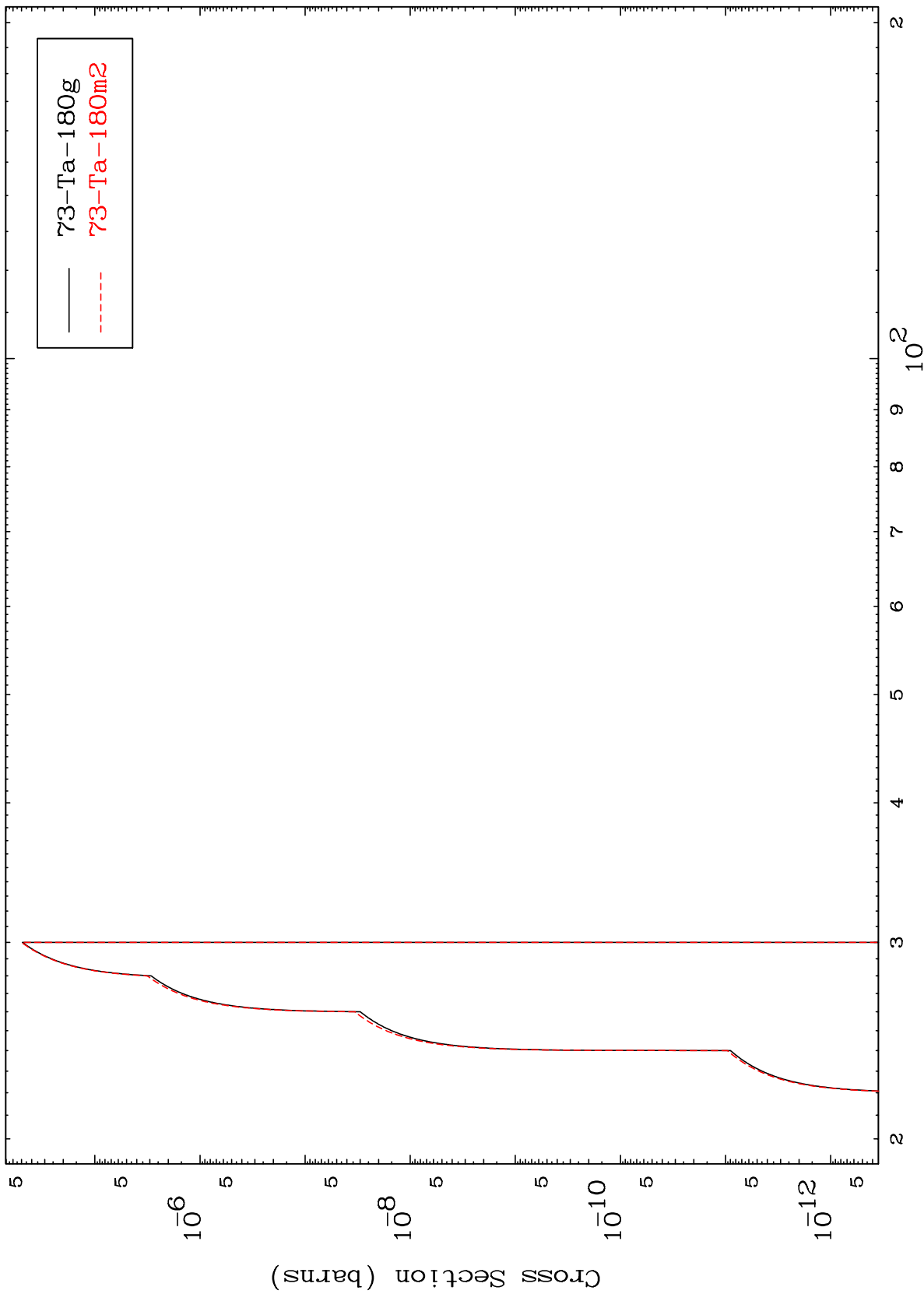


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(n,n') d

<sup>72</sup>Hf-<sup>179</sup>n

Radionuclide Production Cross Section



12

Incident Energy (MeV)

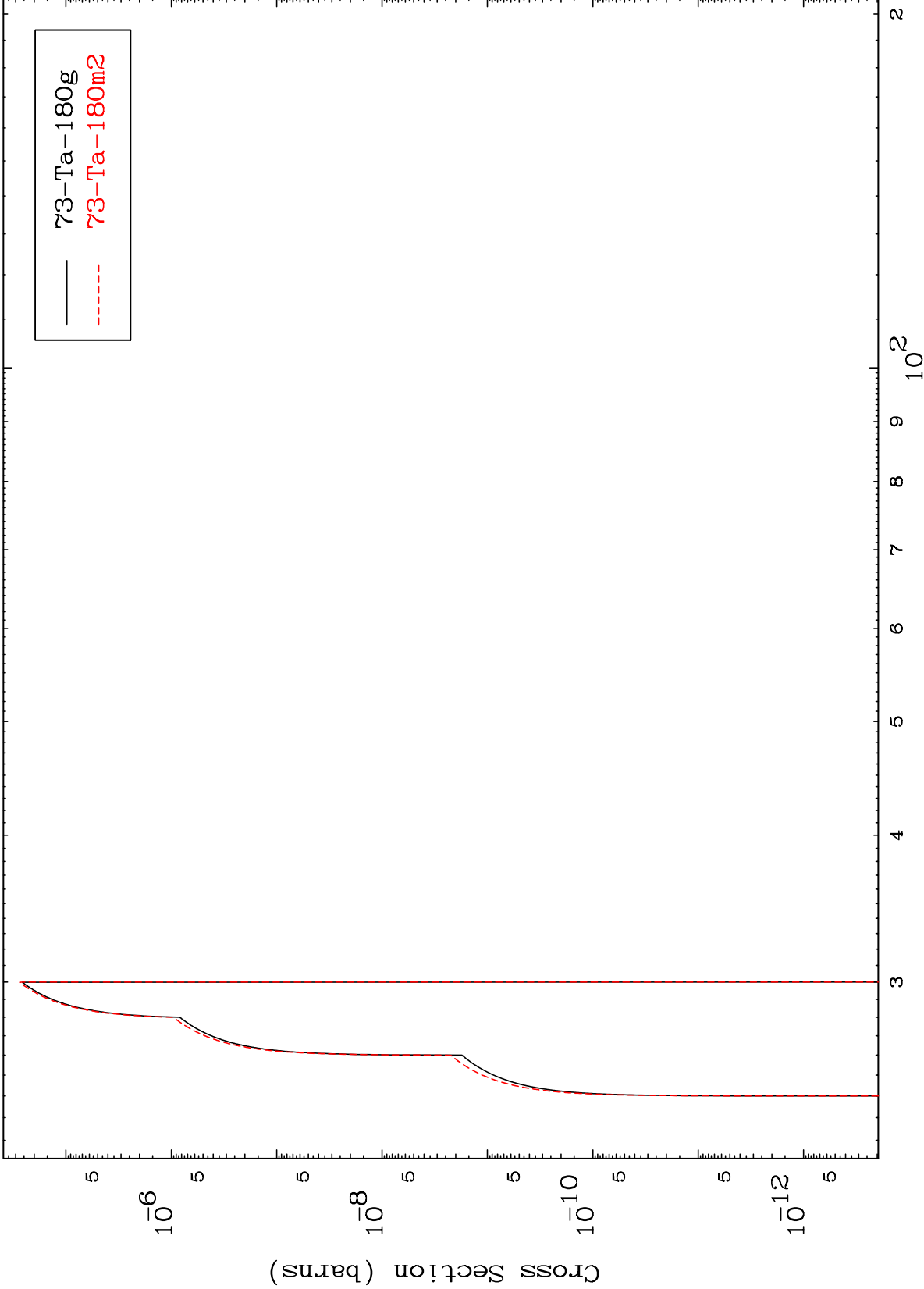
<sup>72</sup>Hf-<sup>179</sup>n

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(n,2n) p

<sup>72</sup>Hf-179n

Radionuclide Production Cross Section



13

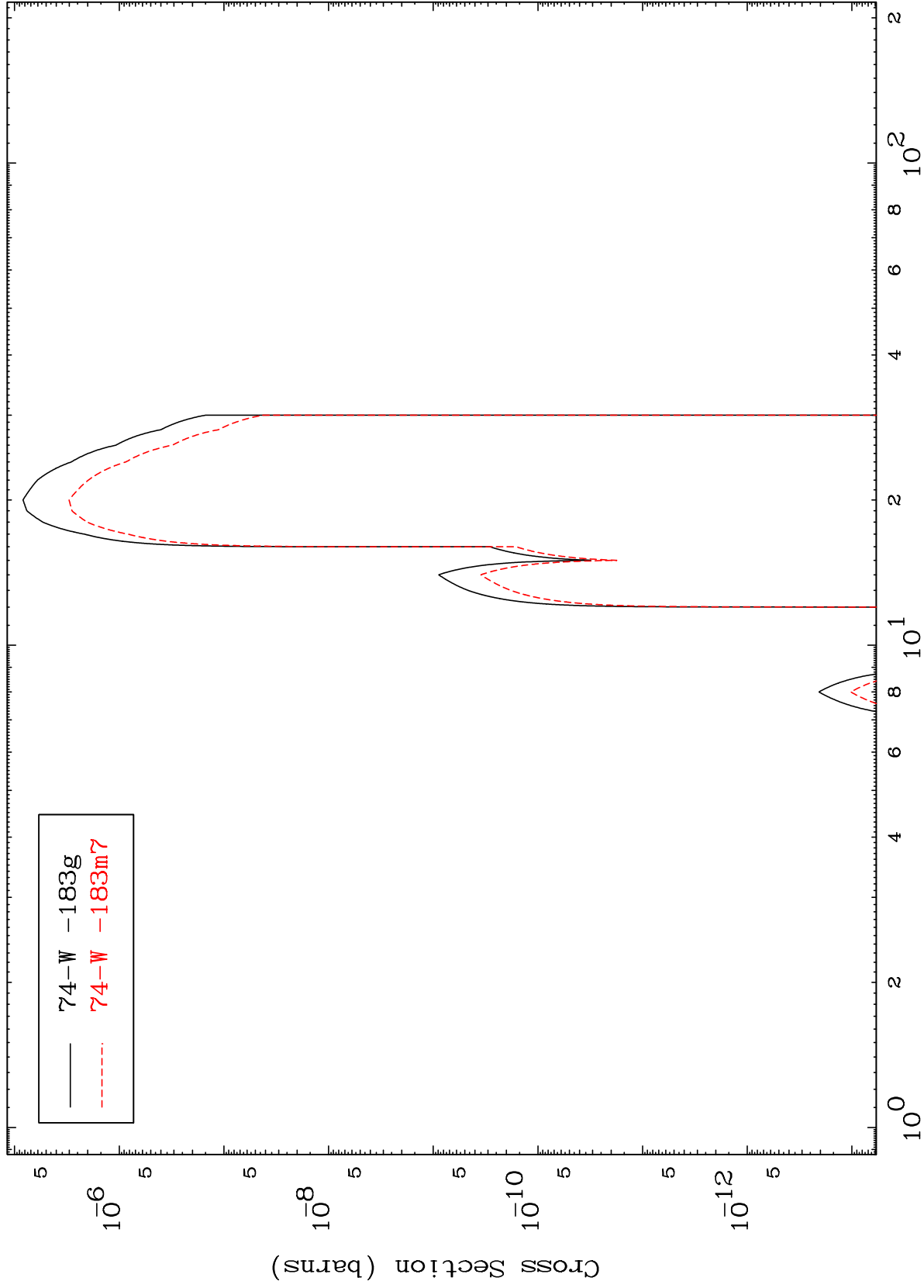
Incident Energy (MeV)

<sup>72</sup>Hf-179n

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$^{72}\text{Hf}-179\text{n}$

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



$^{72}\text{Hf}-179\text{n}$

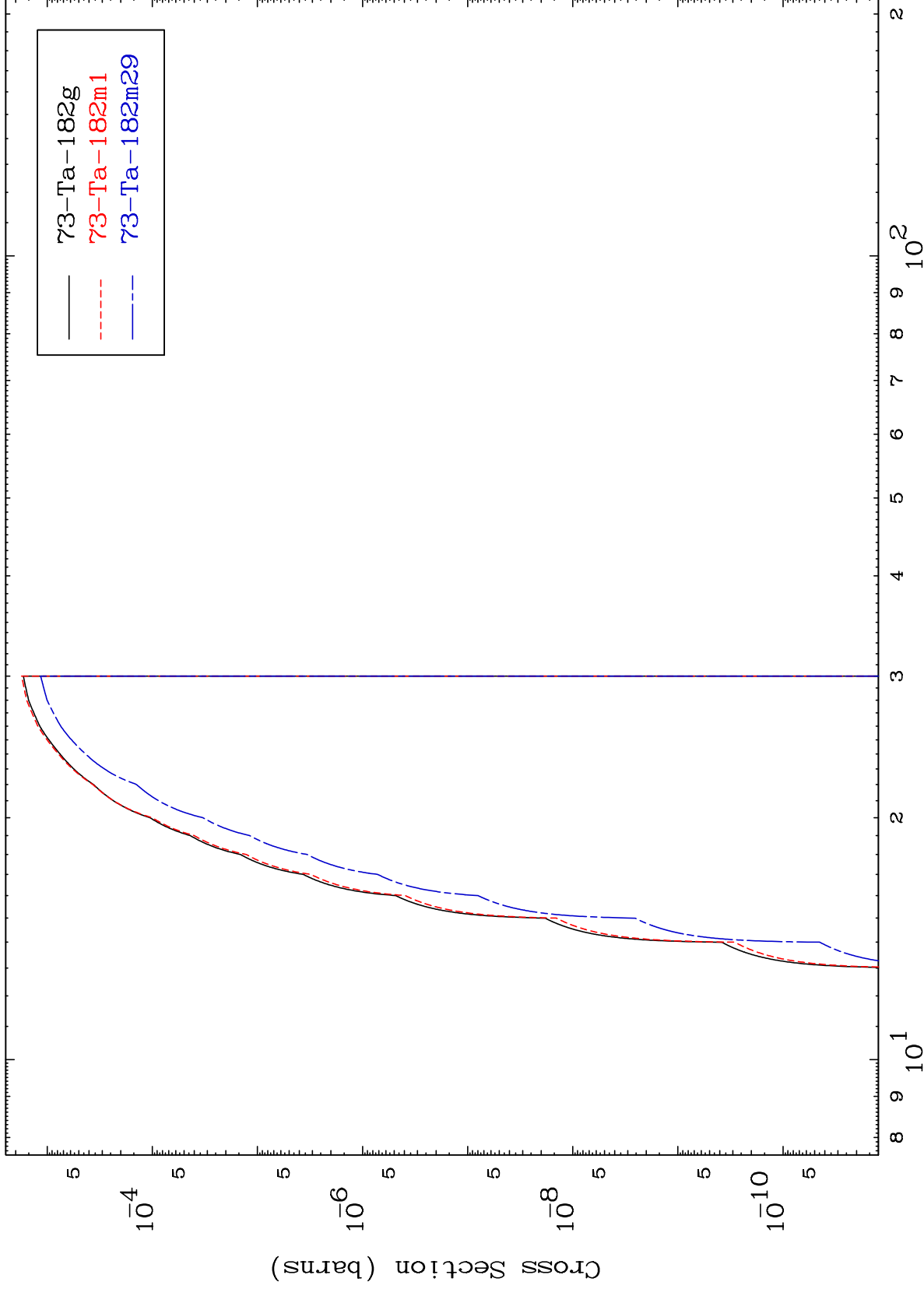
Incident Energy (MeV)

14

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<sup>72</sup>Hf-179n

(n,p)  
Radionuclide Production Cross Section



<sup>72</sup>Hf-179n

Incident Energy (MeV)

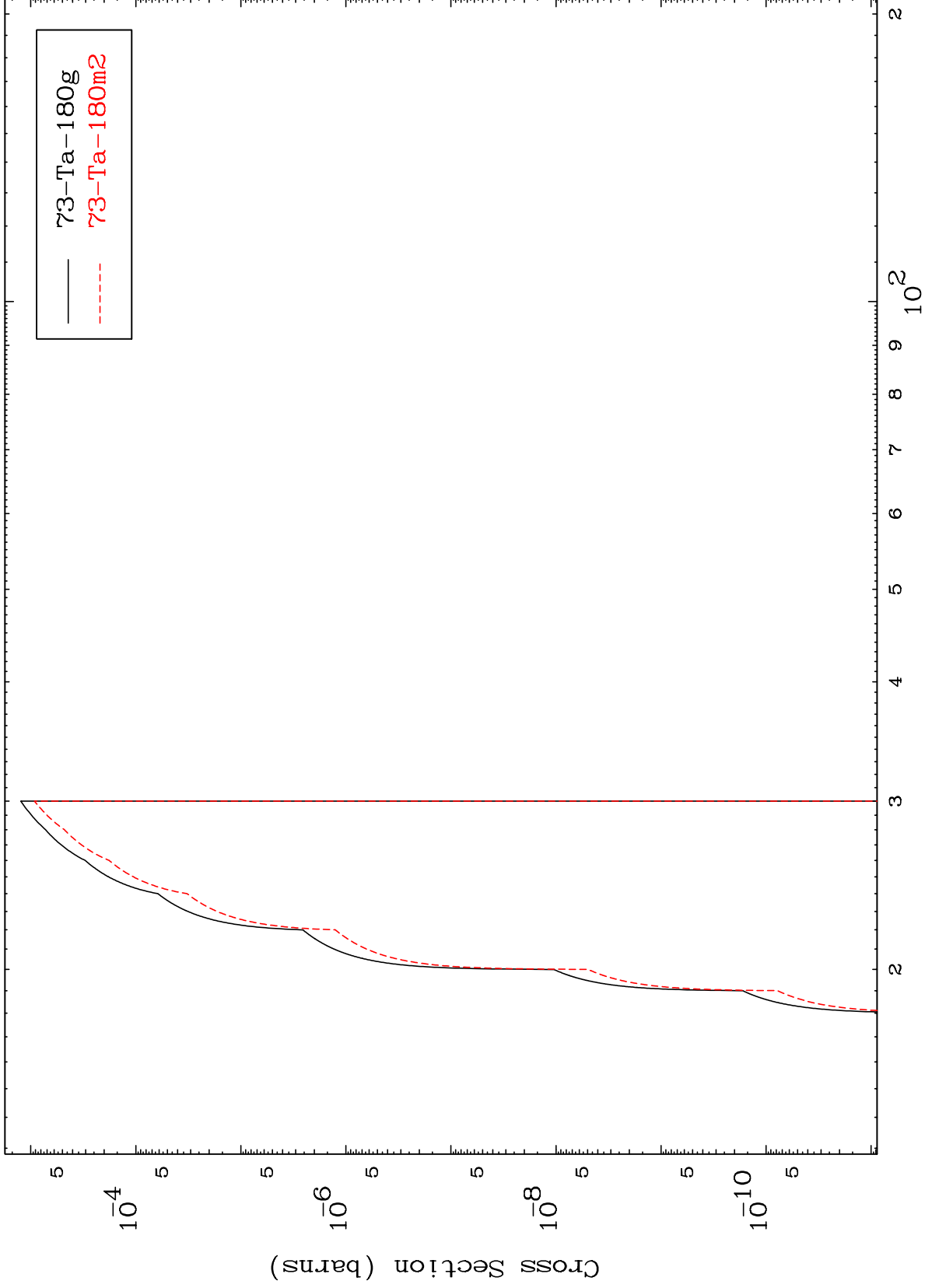
15

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(n, t)

<sup>72</sup>Hf-<sup>179</sup>n

Radionuclide Production Cross Section



16

Incident Energy (MeV)

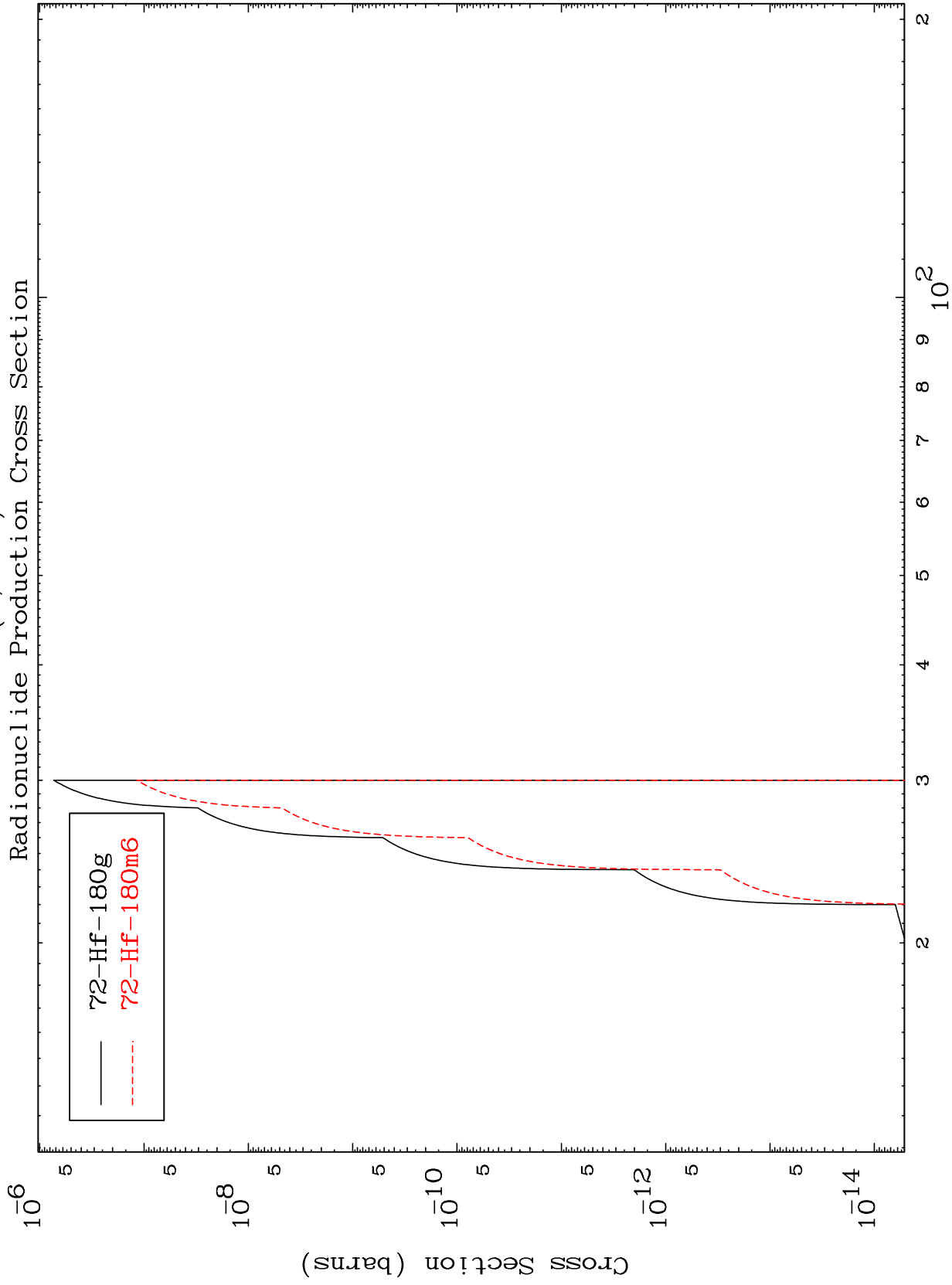
<sup>72</sup>Hf-<sup>179</sup>n

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(n,He-3)

<sup>72</sup>Hf-179n

Radionuclide Production Cross Section



17

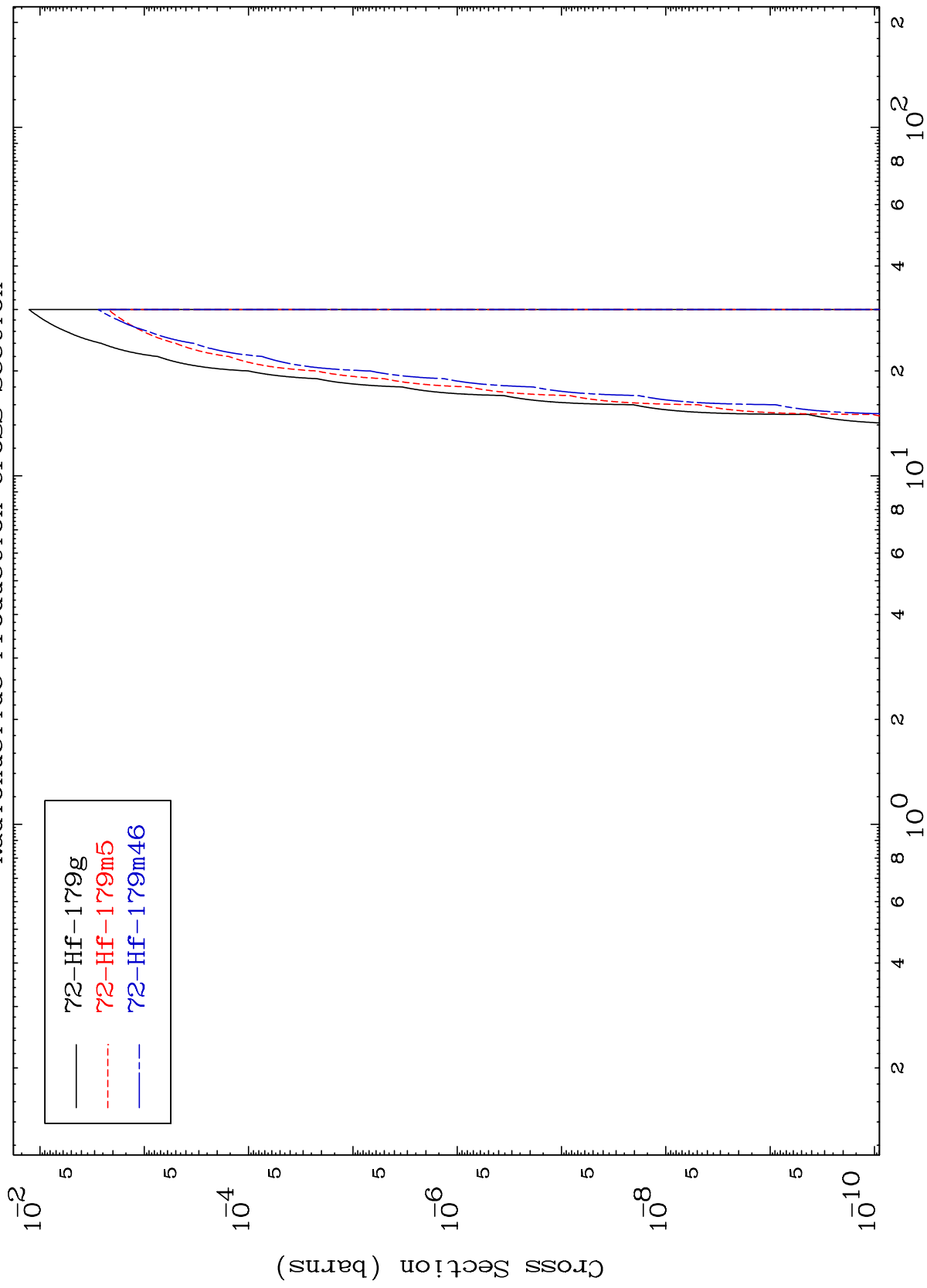
Incident Energy (MeV)

<sup>72</sup>Hf-179n

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$^{72}\text{Hf-179n}$

Radionuclide Production Cross Section



$^{72}\text{Hf-179n}$

Incident Energy (MeV)

18