

Program EVALPLOT
(Version 2021-1)

by

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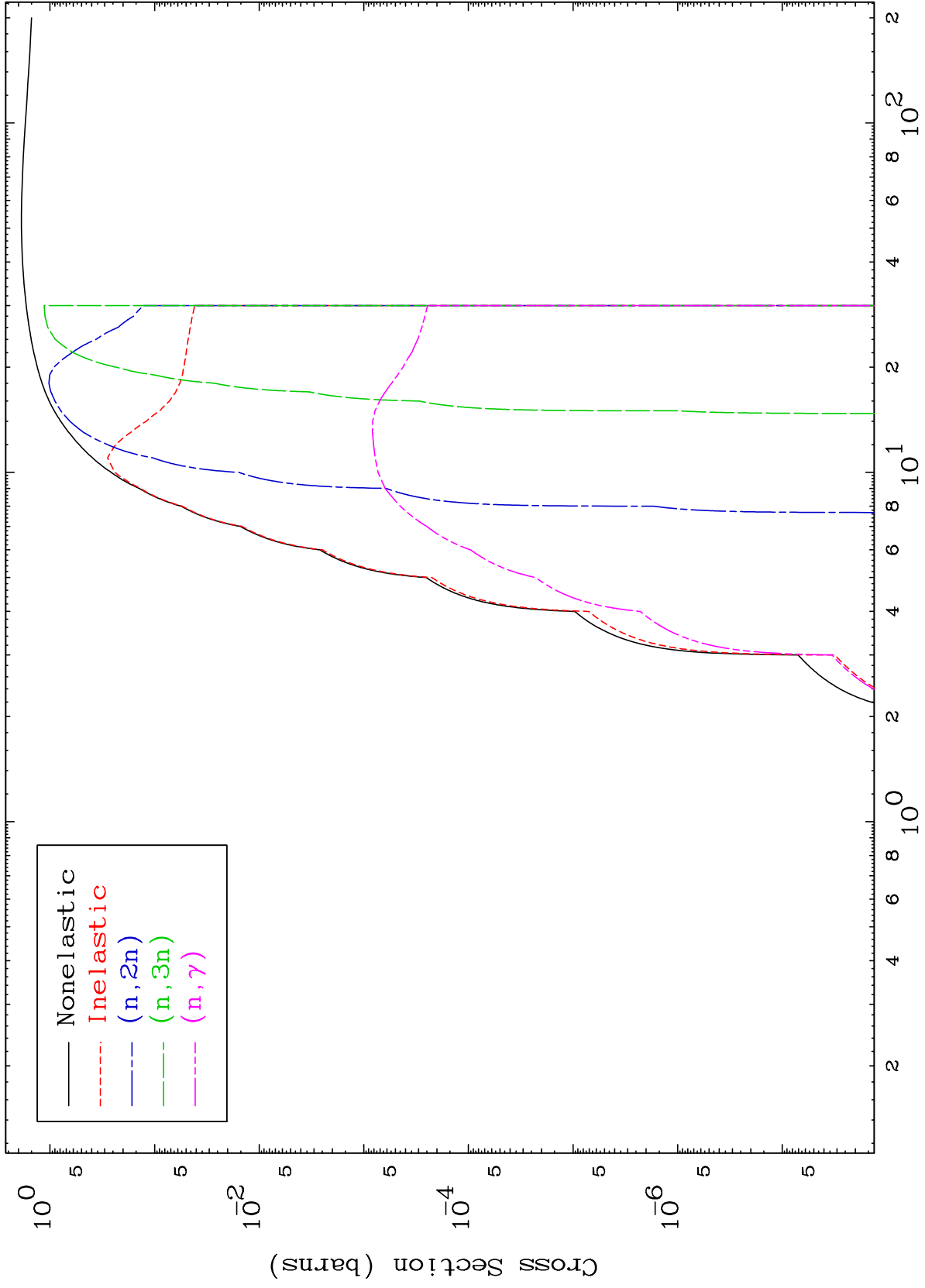
Press Mouse Button to Start

MAT 7236

Proton Major

$^{72}\text{Hf}-177\text{n}$

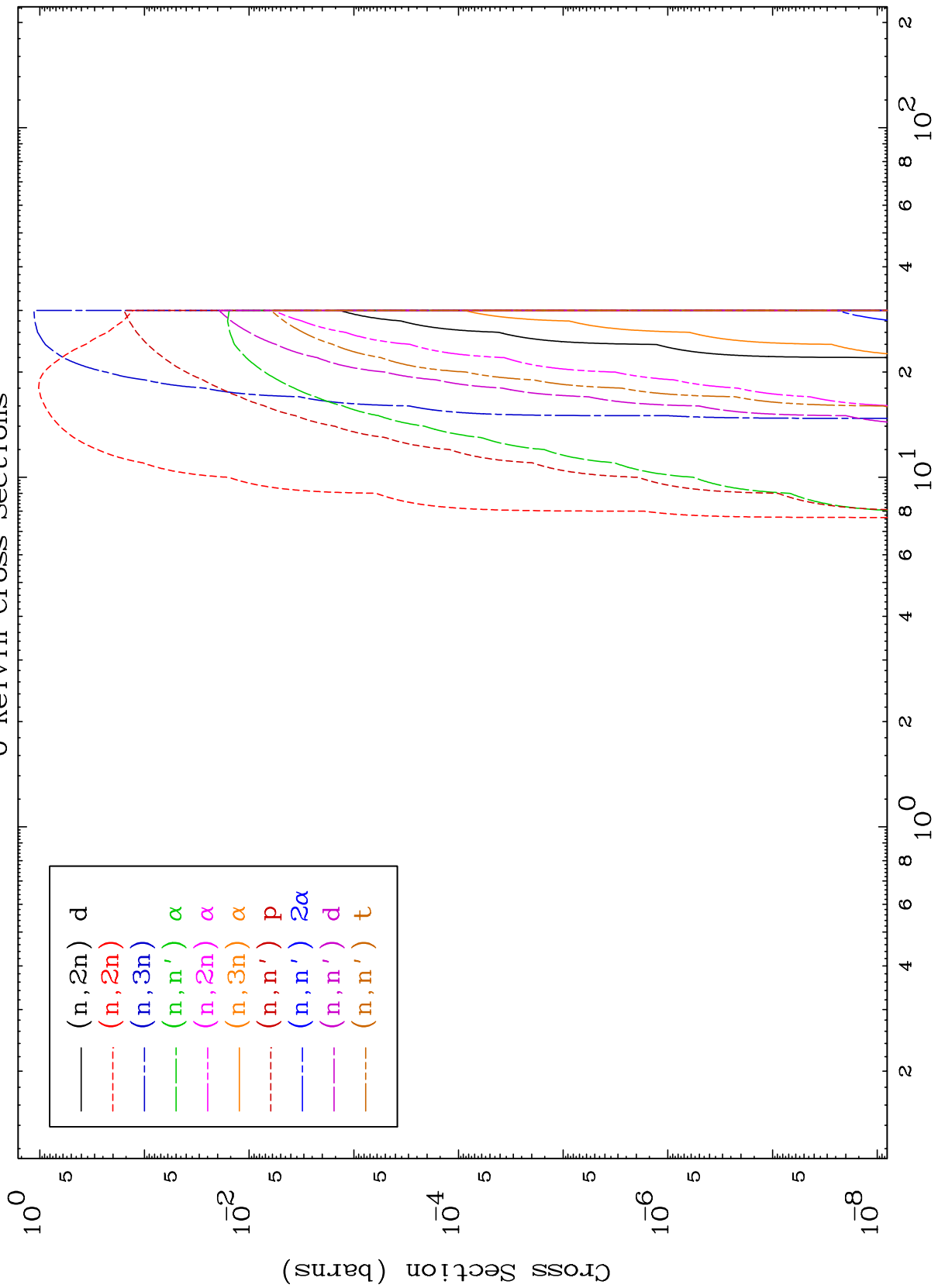
0 Kelvin Cross Sections



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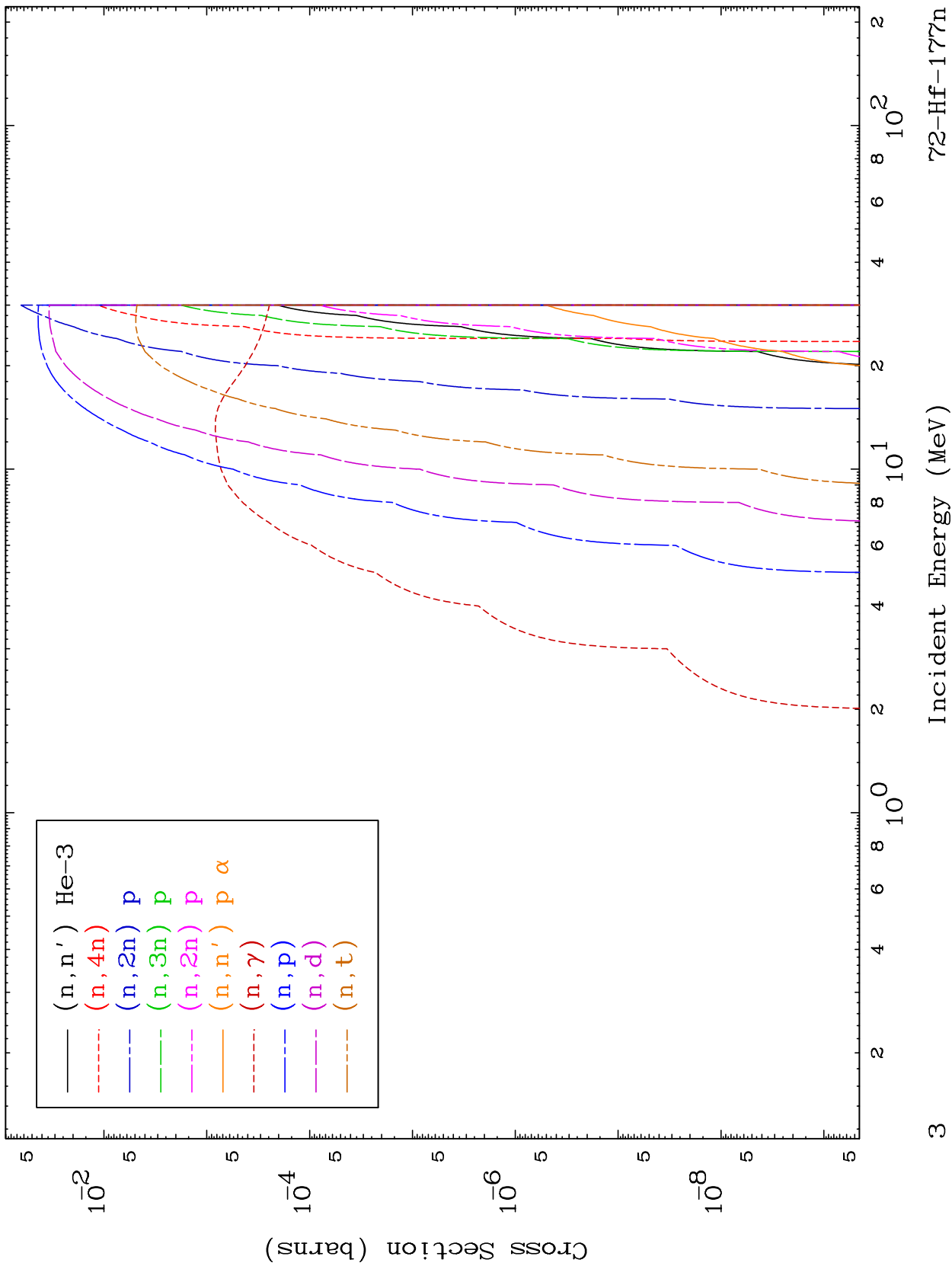
Proton Neutron Absorption
0 Kelvin Cross Sections

⁷²Hf-177n



⁷²Hf-177n

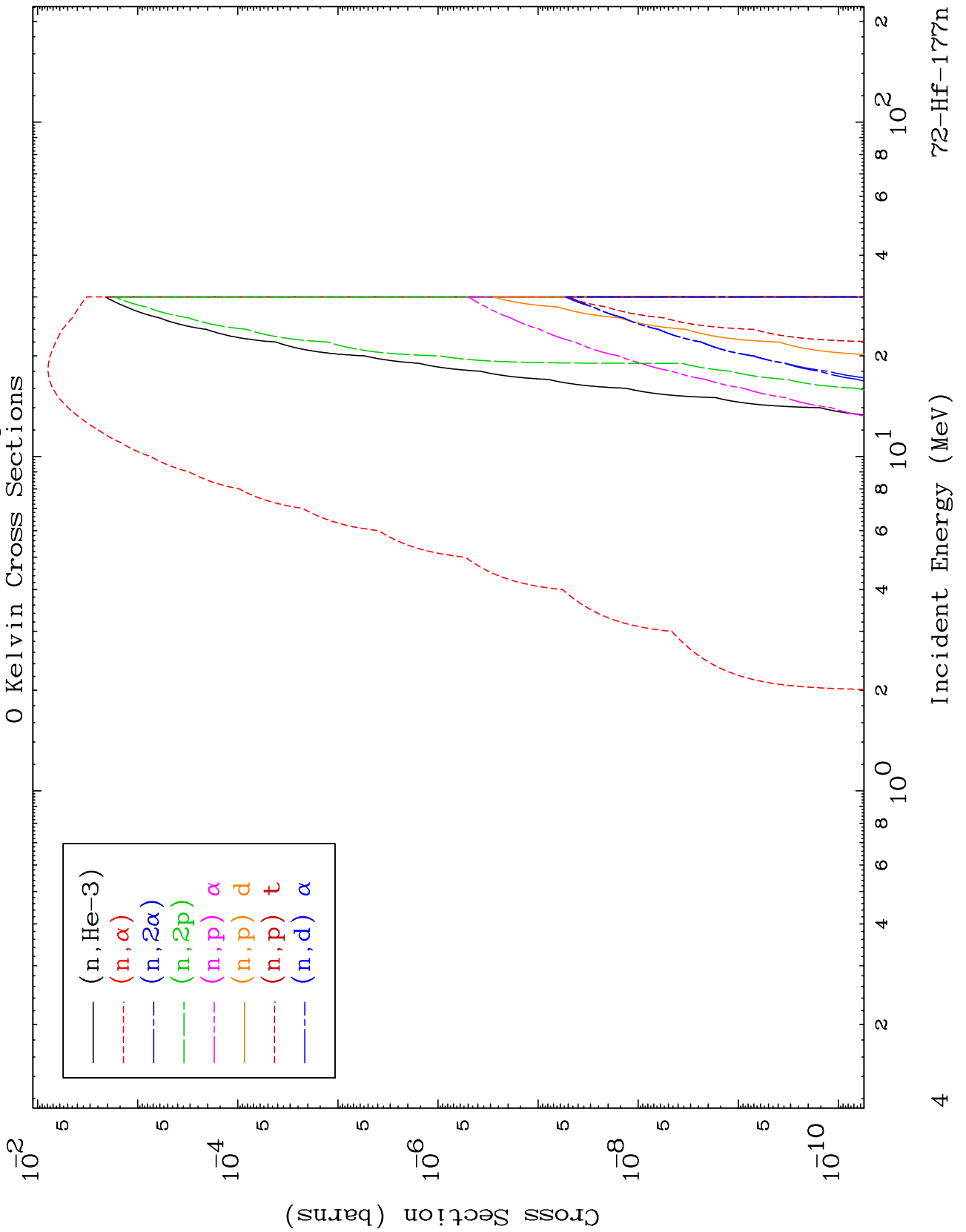
Incident Energy (MeV)



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Proton Neutron Absorption
0 Kelvin Cross Sections

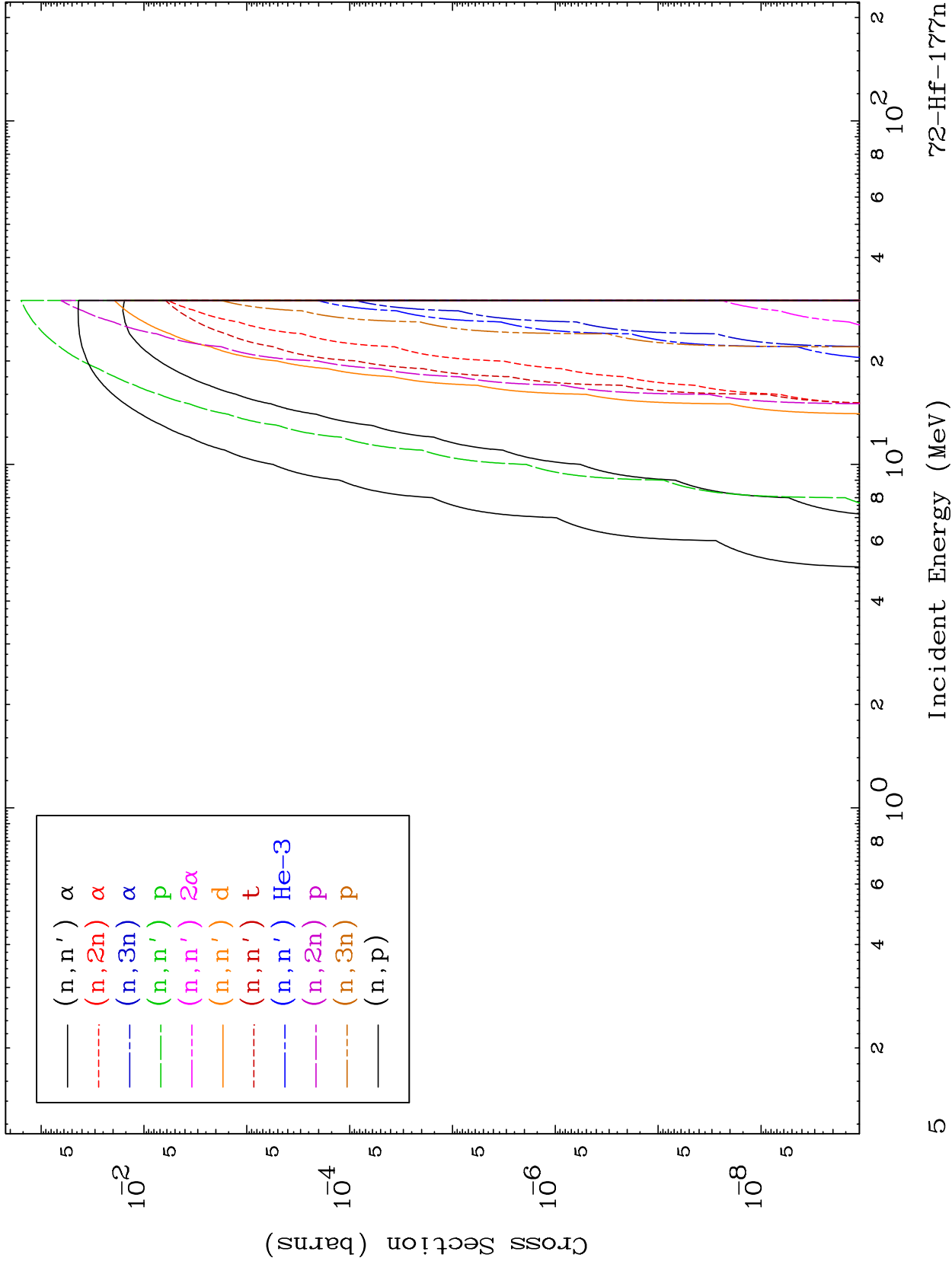
⁷²Hf-¹⁷⁷n



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Proton Charged Particle
0 Kelvin Cross Sections

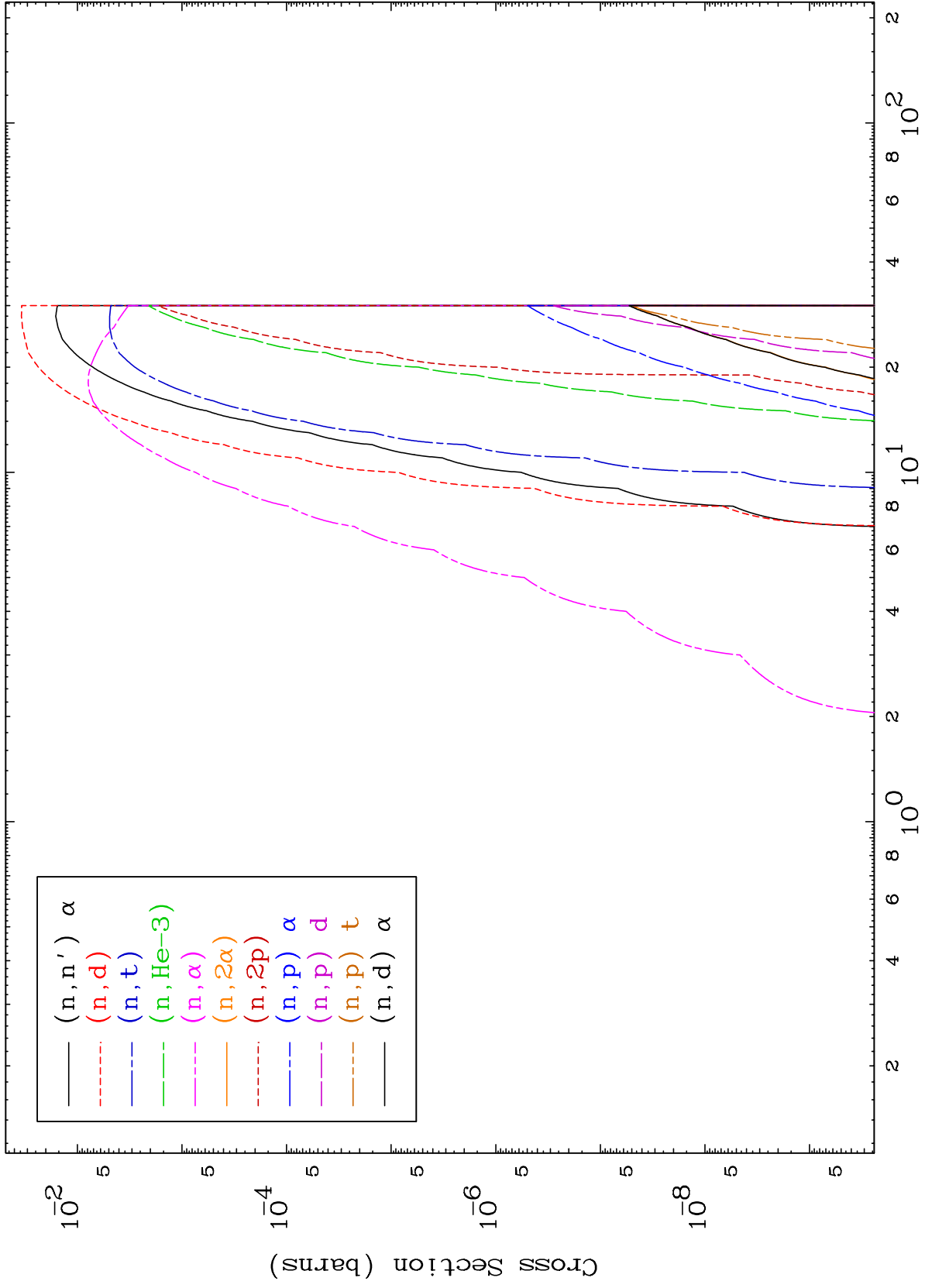
⁷²Hf-177n



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Proton Charged Particle
0 Kelvin Cross Sections

⁷²Hf-177n

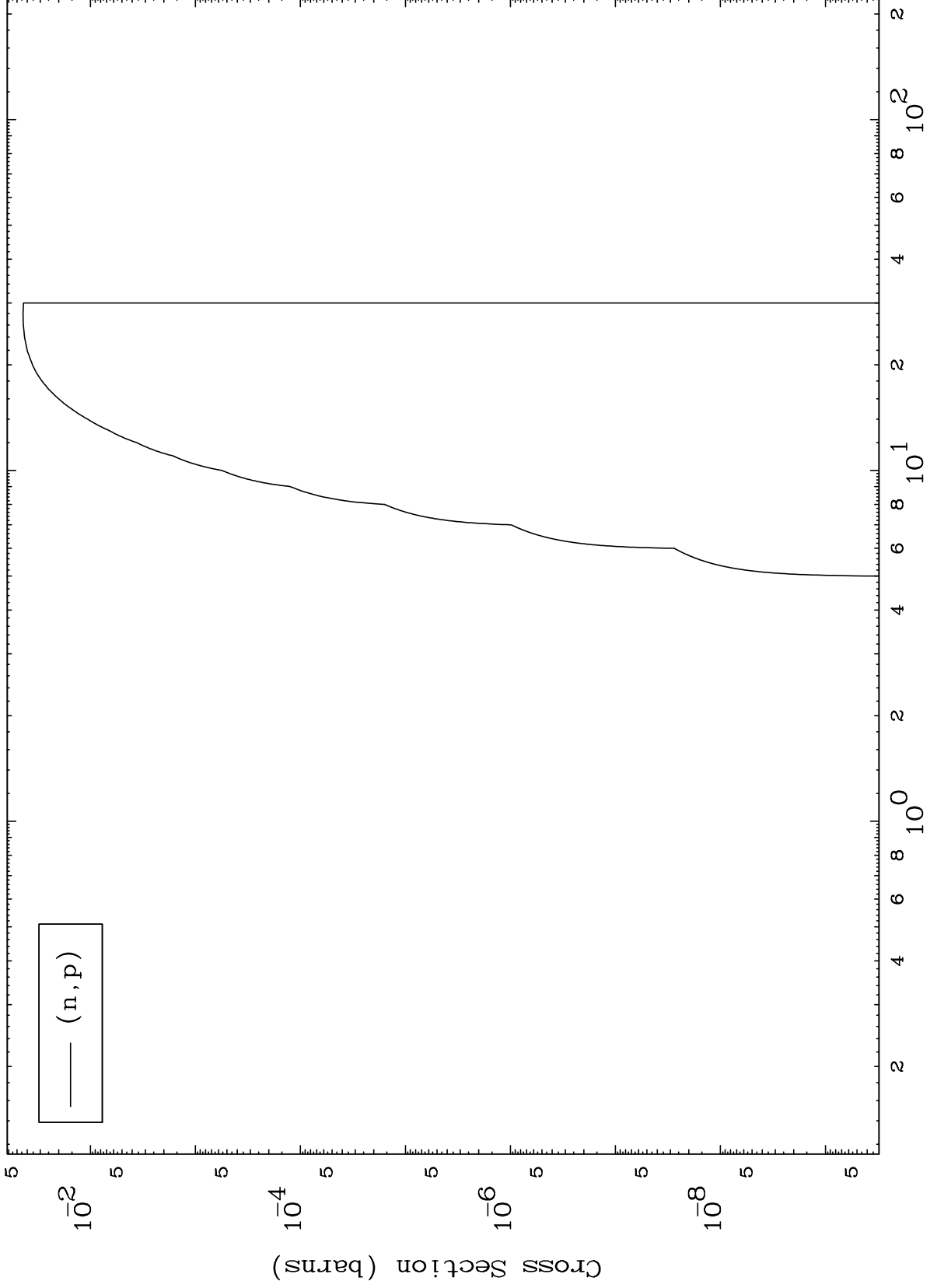


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(p,p) Levels

⁷²Hf-177n

0 Kelvin Cross Sections



7

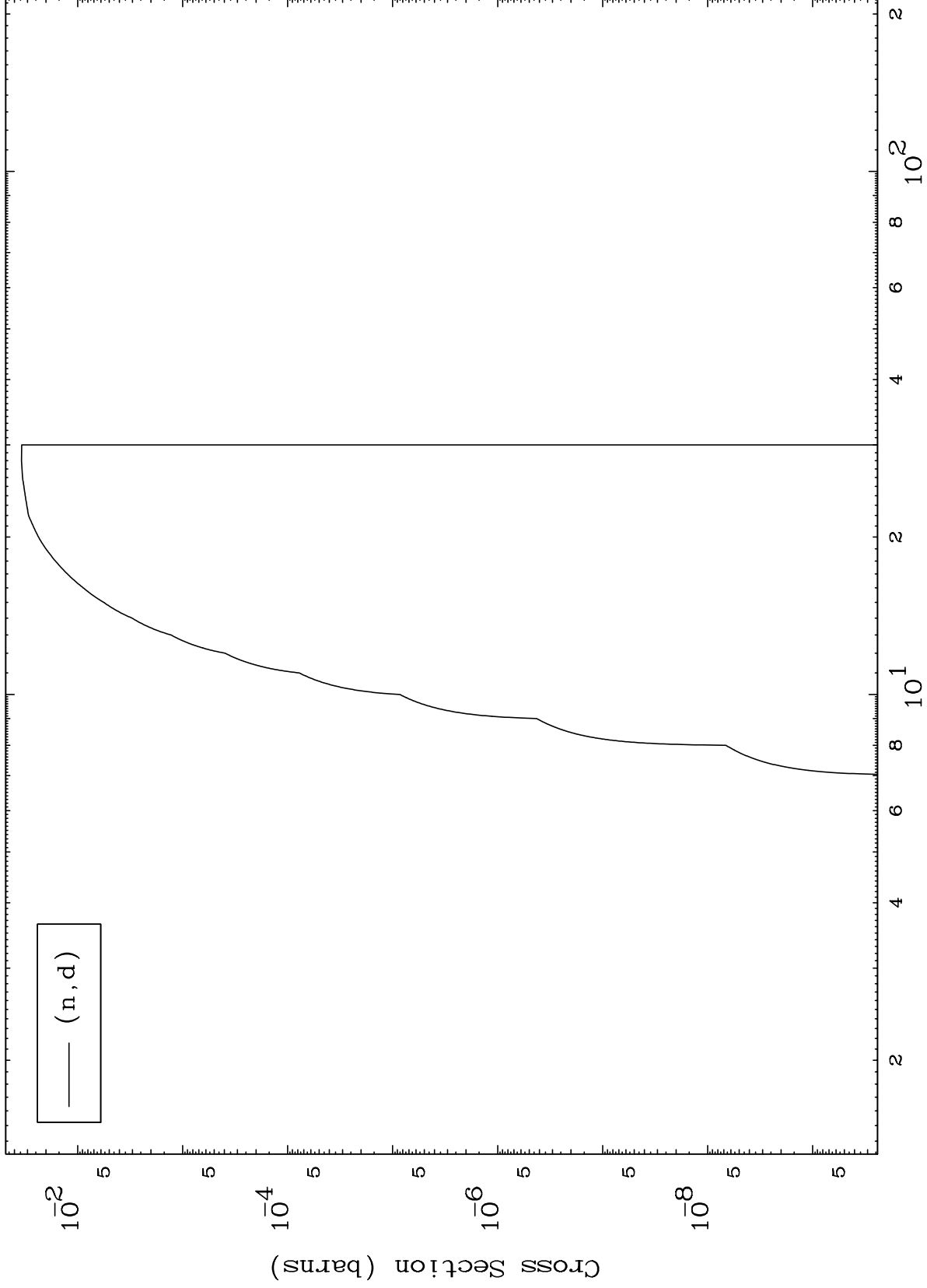
Incident Energy (MeV)

⁷²Hf-177n

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(p,d) Levels
0 Kelvin Cross Sections

⁷²Hf-177n



8

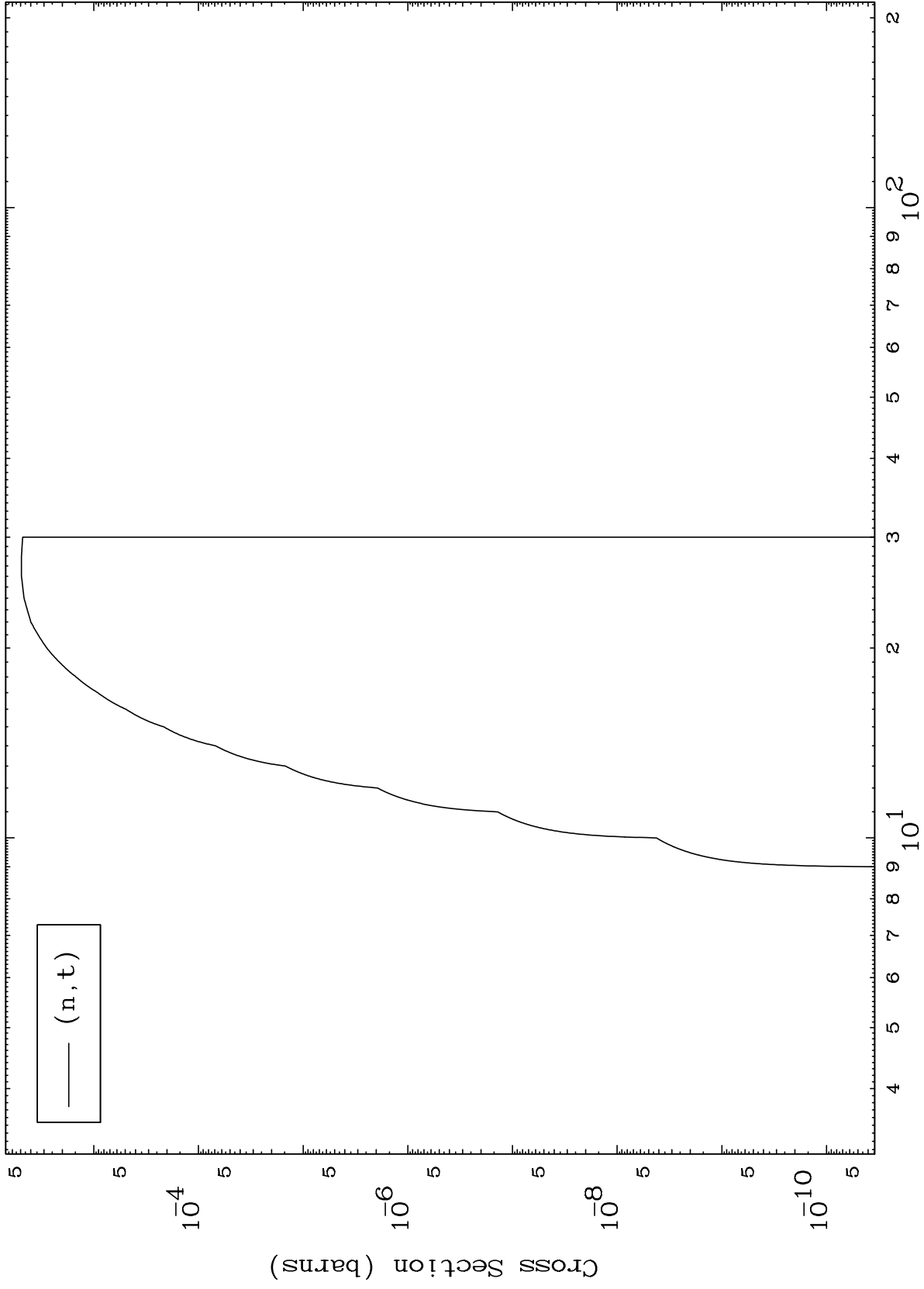
Incident Energy (MeV)

⁷²Hf-177n

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(p,t) Levels
0 Kelvin Cross Sections

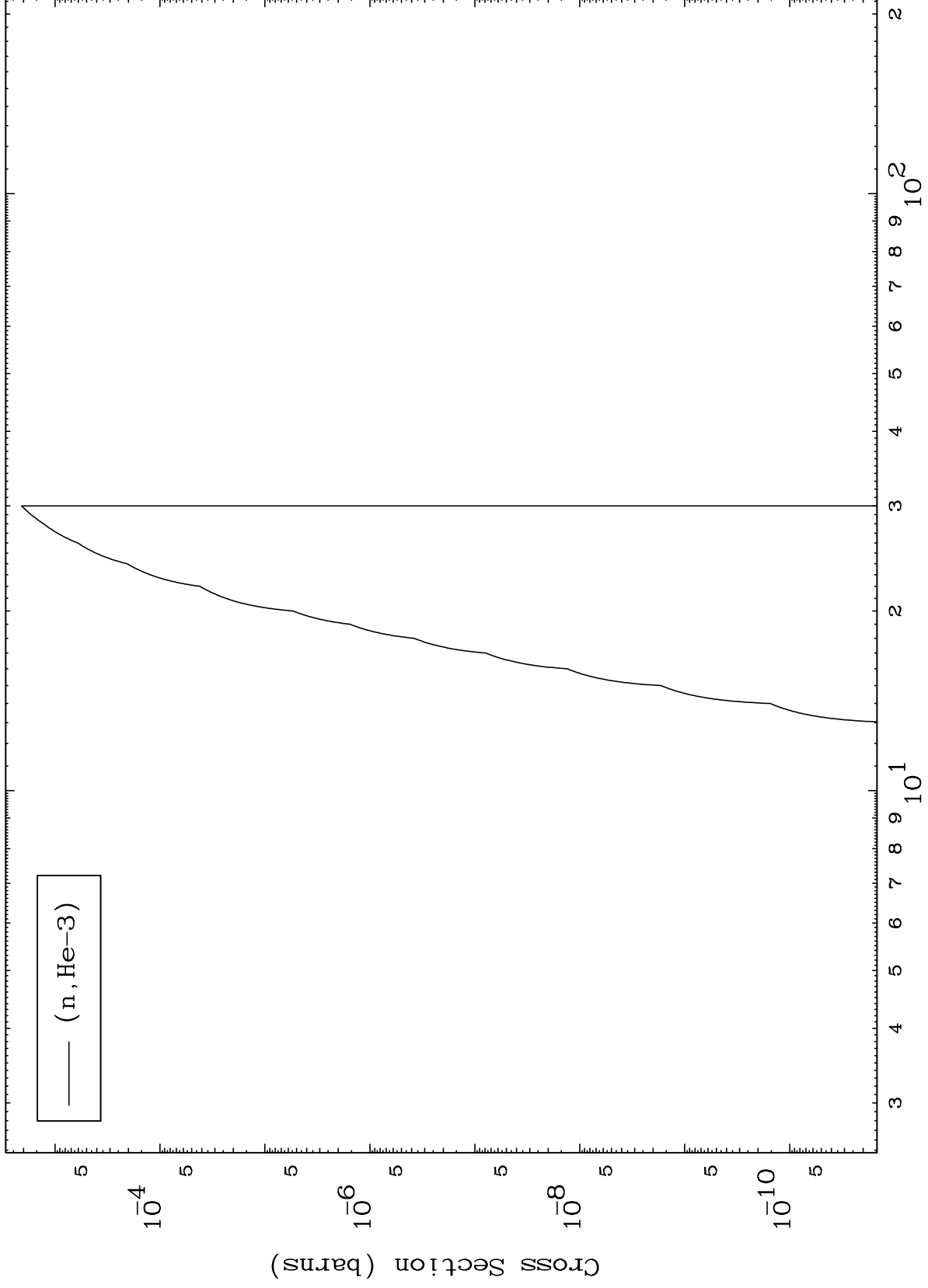
⁷²Hf-177n



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(p,He3) Levels
0 Kelvin Cross Sections

⁷²Hf-177n



10

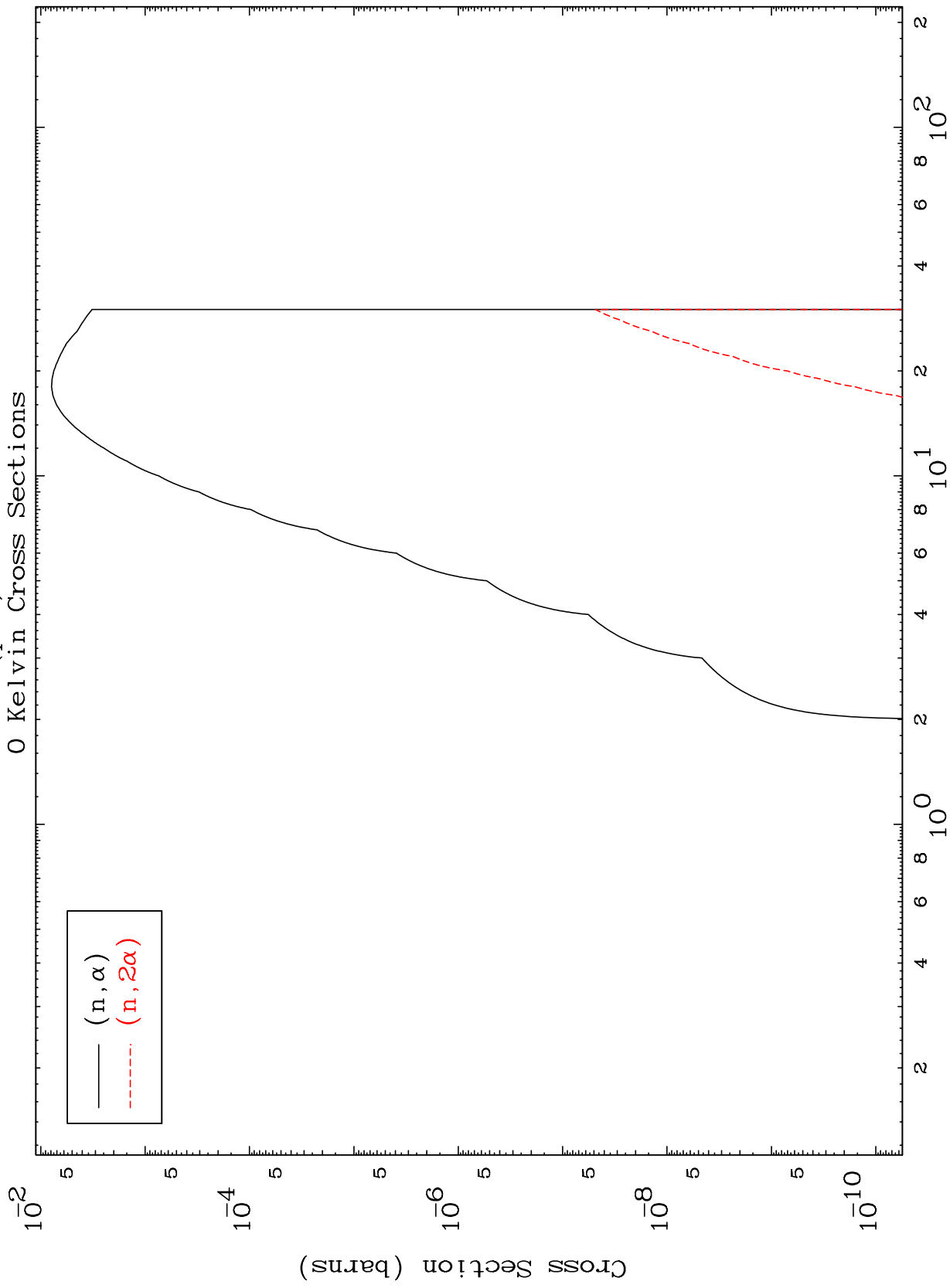
Incident Energy (MeV)

⁷²Hf-177n

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⁷²Hf-177n

(p, α) Levels
0 Kelvin Cross Sections



⁷²Hf-177n

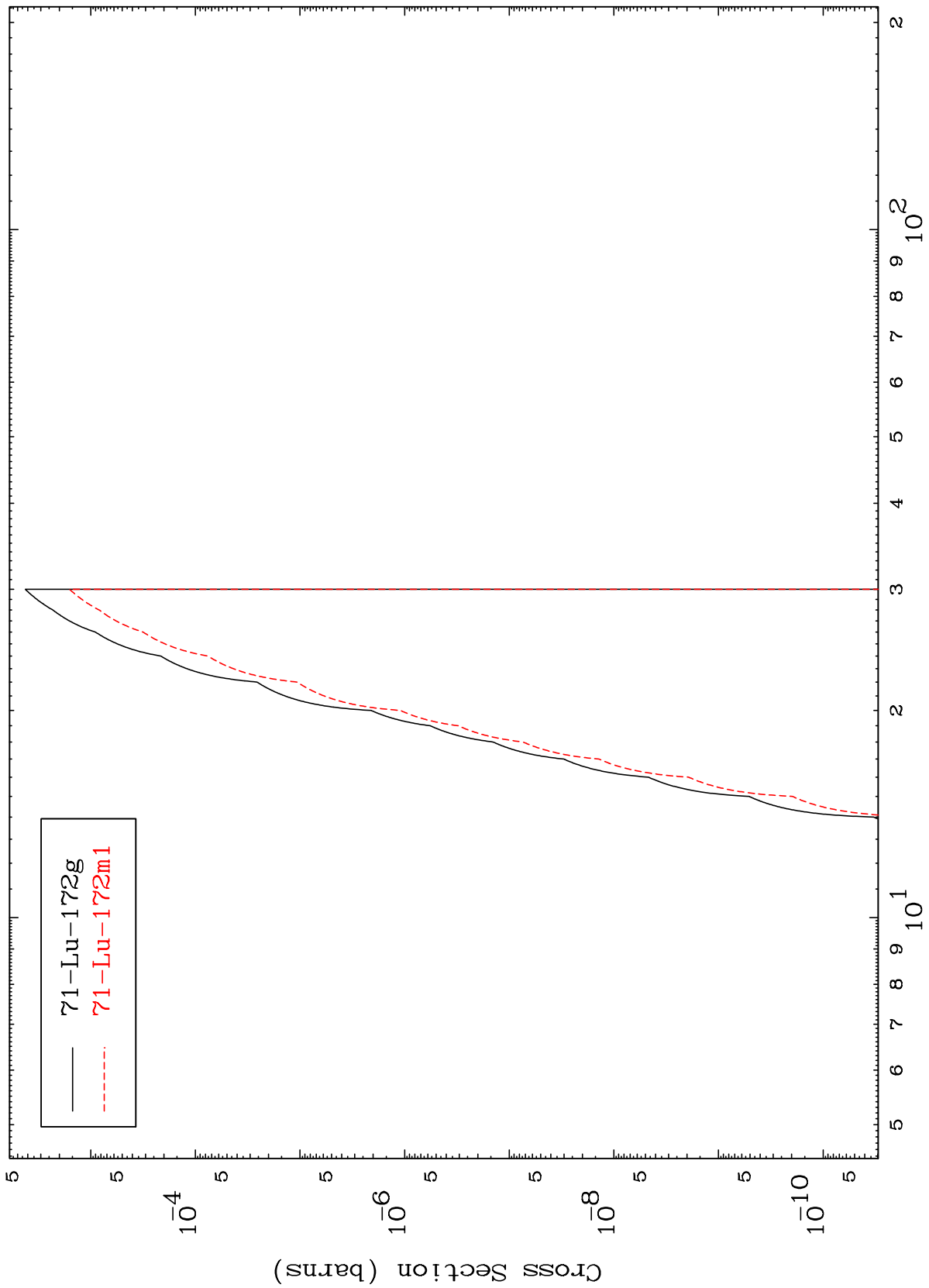
Incident Energy (MeV)

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$(n, 2n) \alpha$

$^{72}\text{Hf}-177\text{n}$

Radionuclide Production Cross Section



Incident Energy (MeV)

$^{72}\text{Hf}-177\text{n}$

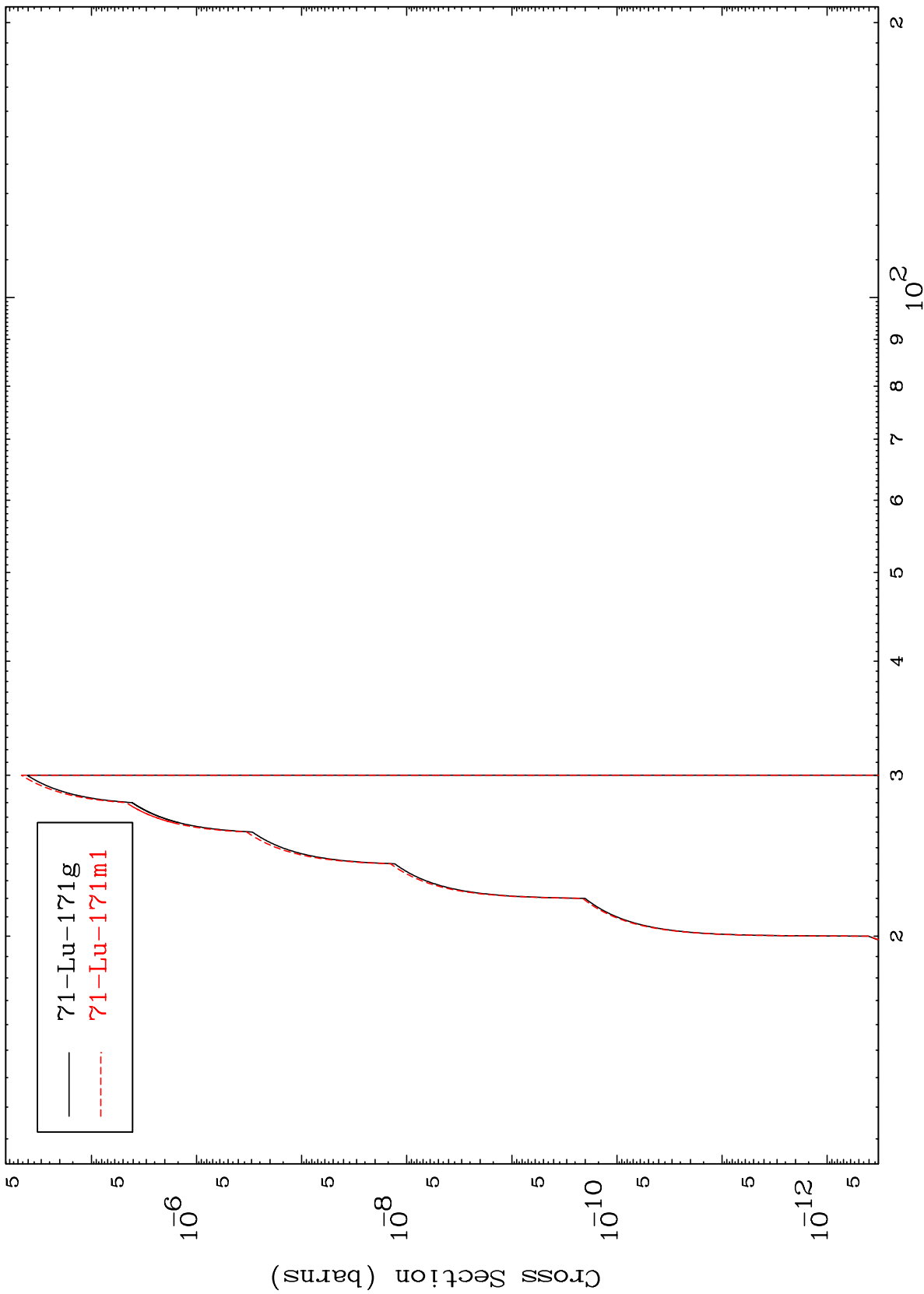
12

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(n,3n) α

$^{72}\text{Hf}-^{177}\text{n}$

Radionuclide Production Cross Section



Incident Energy (MeV)

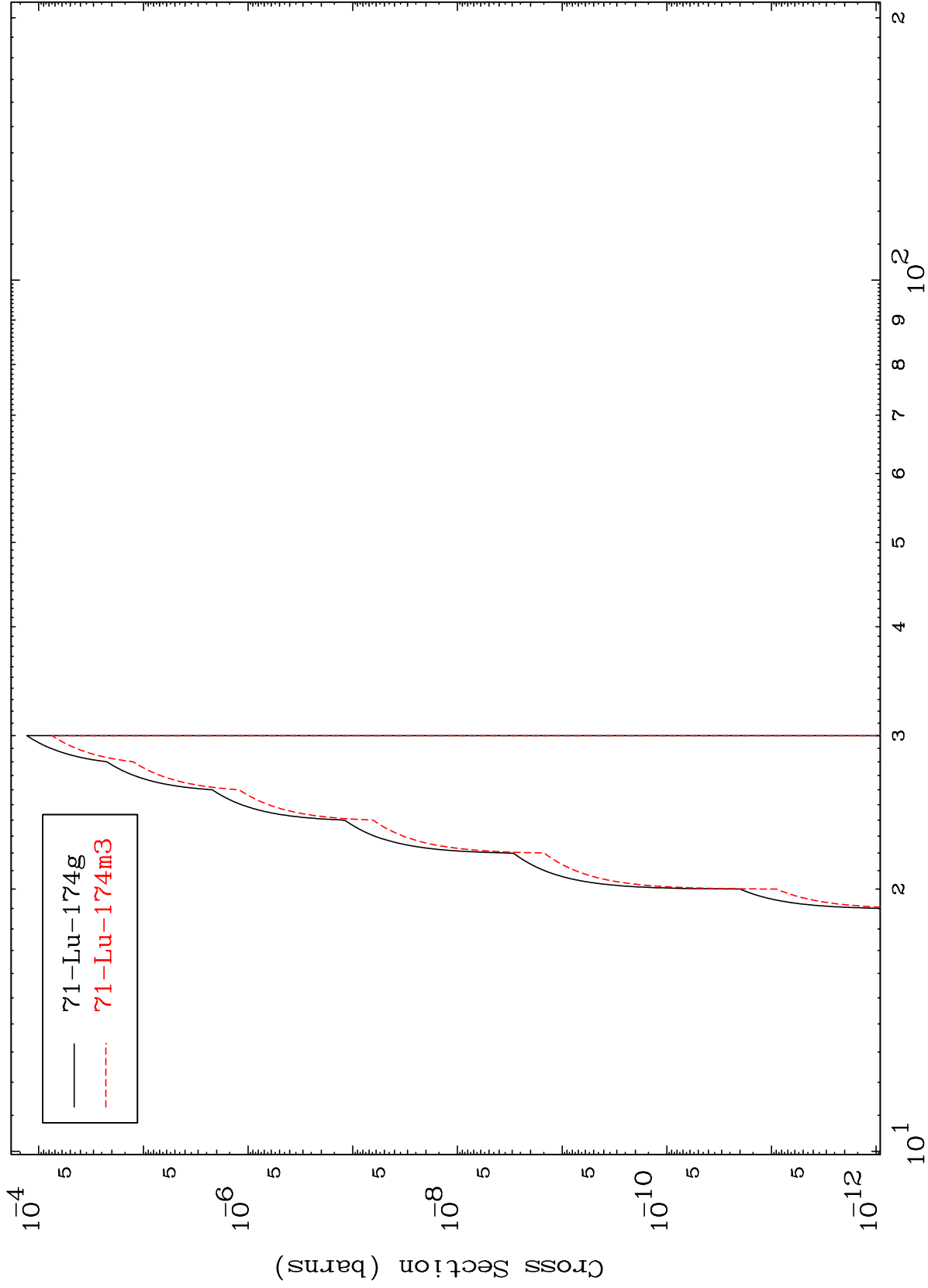
$^{72}\text{Hf}-^{177}\text{n}$

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(n,n') He-3

72-Hf-177n

Radionuclide Production Cross Section



14

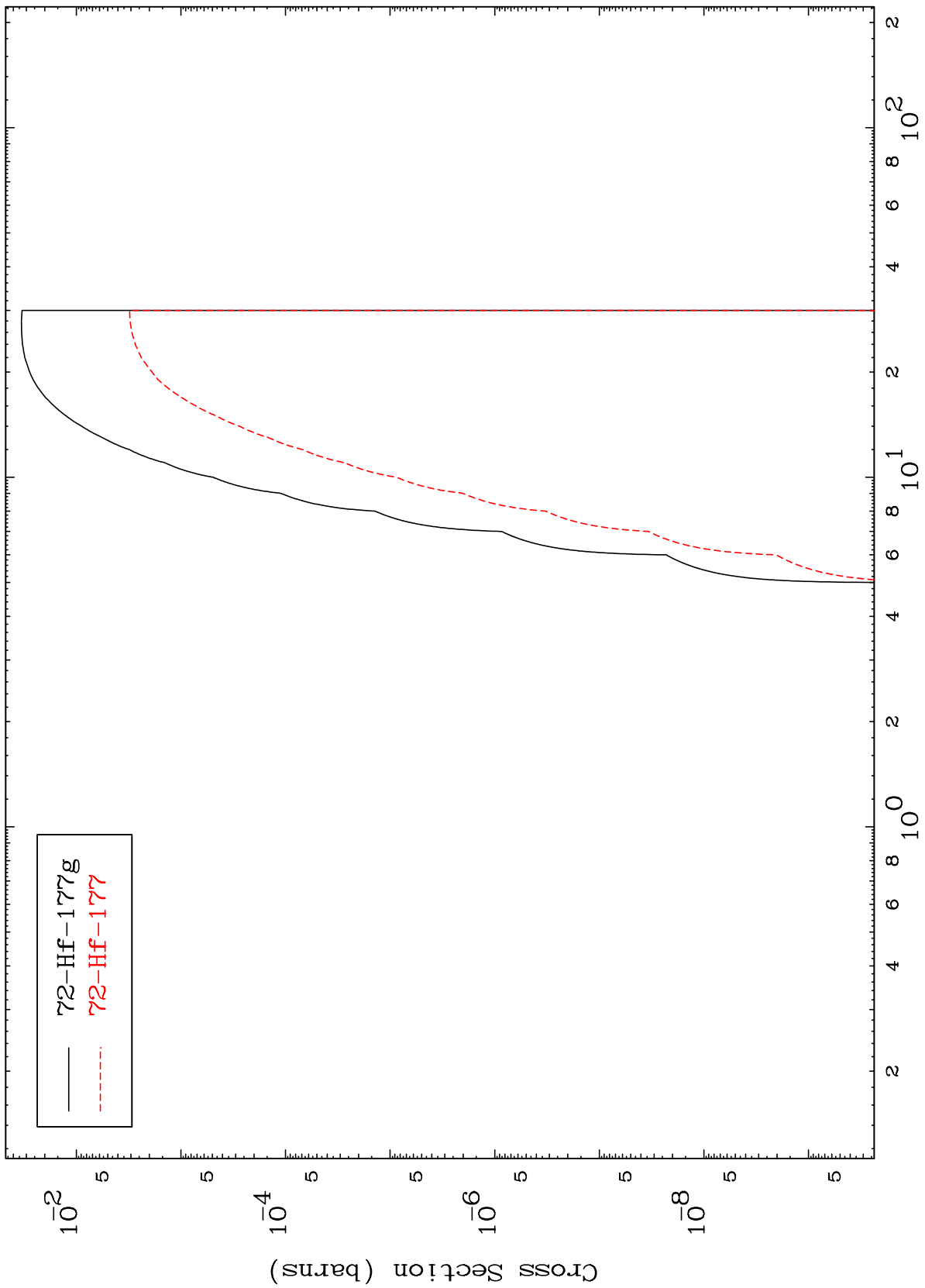
Incident Energy (MeV)

72-Hf-177n

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⁷²Hf-177n

Radionuclide Production Cross Section (n,p)



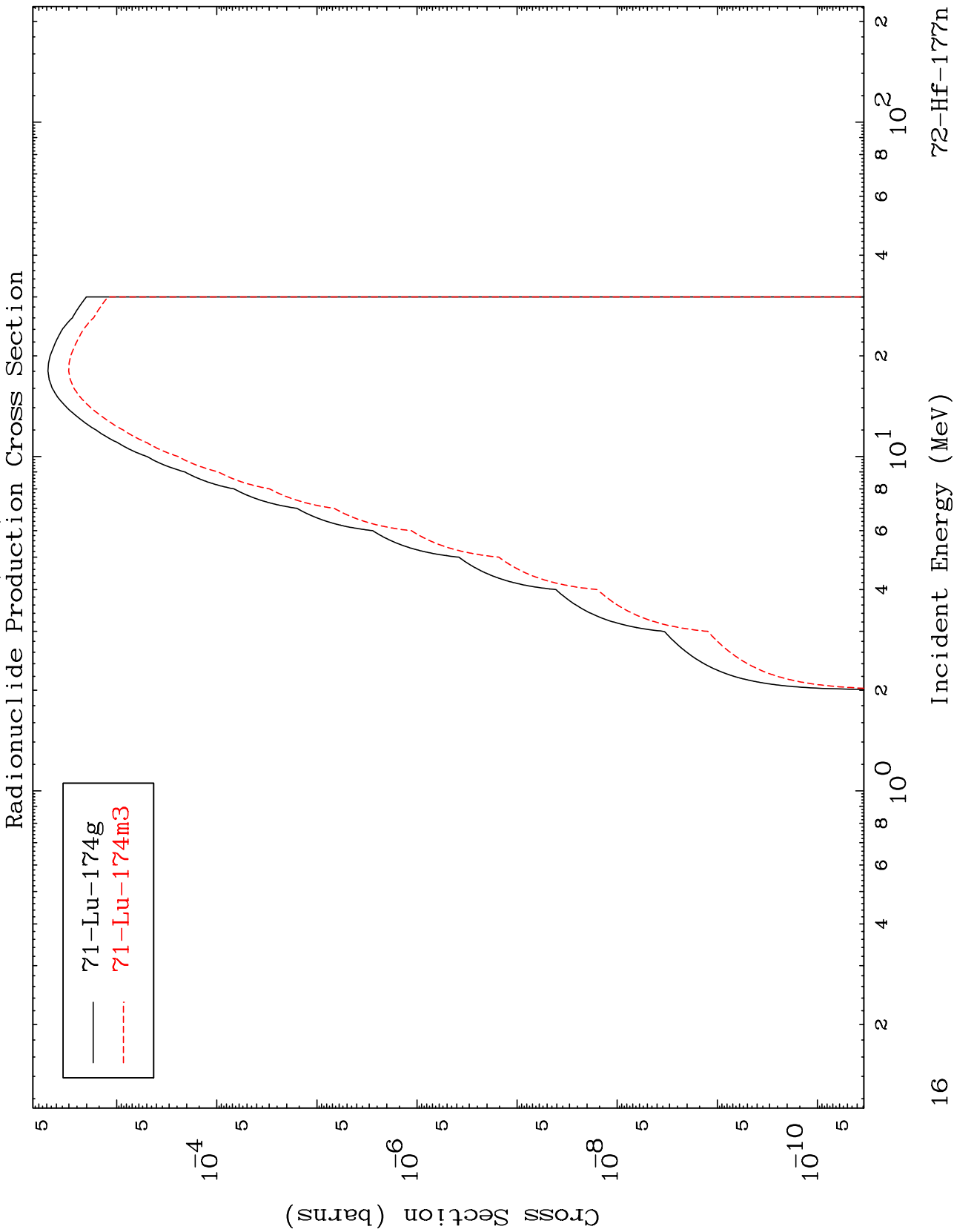
15

⁷²Hf-177n

Incident Energy (MeV)

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$^{72}\text{Hf}-177\text{n}$

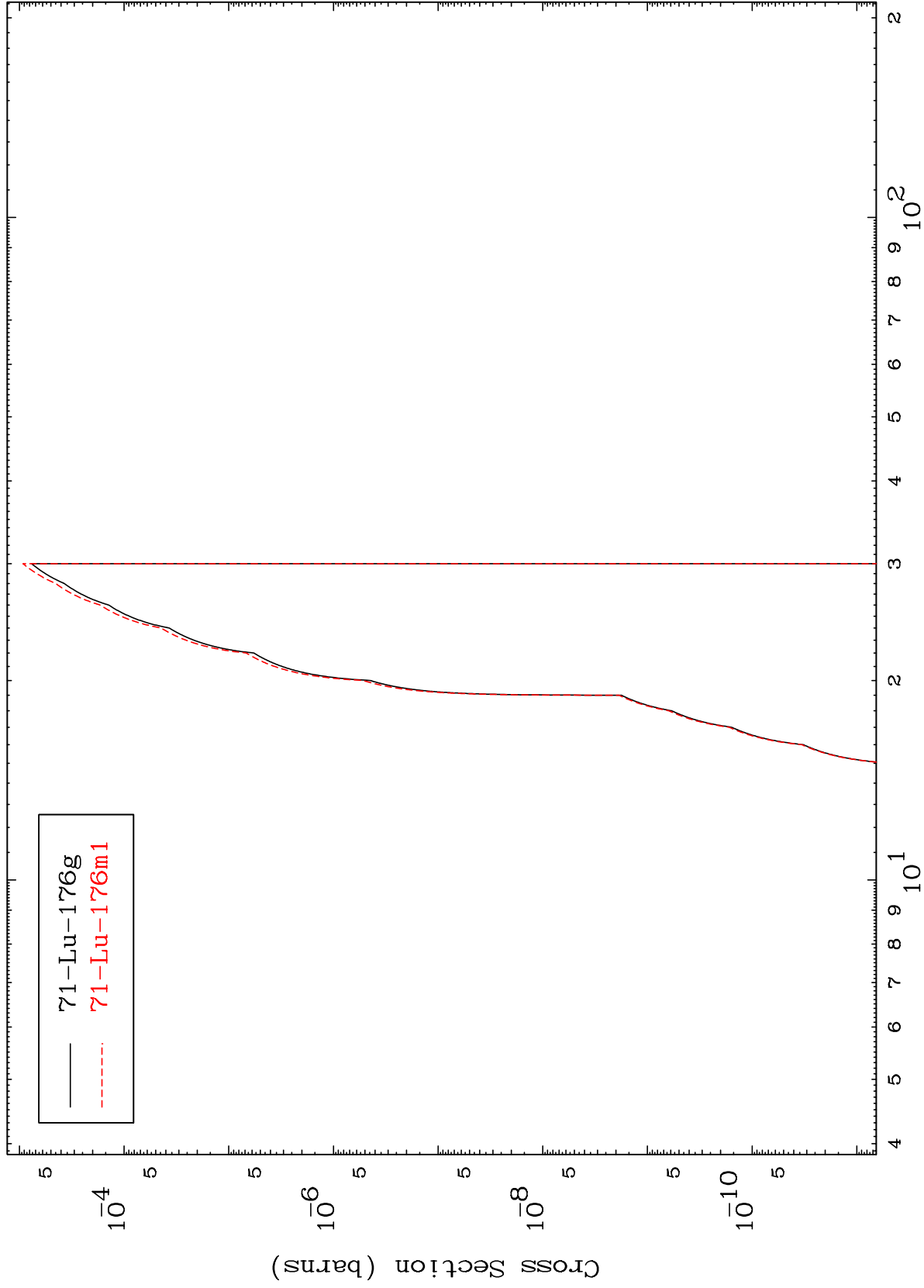


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(n,2p)

⁷²Hf-¹⁷⁷n

Radionuclide Production Cross Section



17

Incident Energy (MeV)

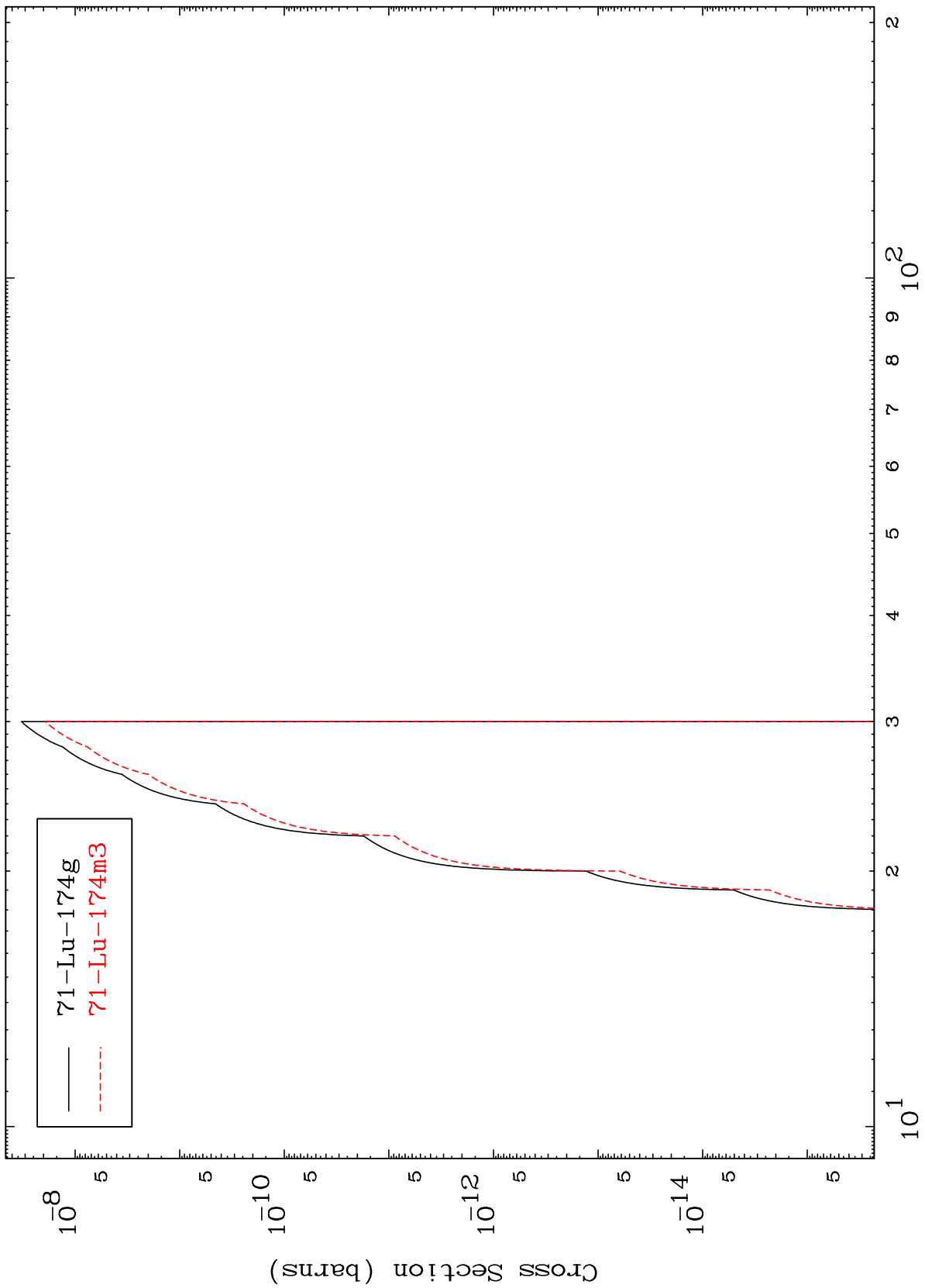
⁷²Hf-¹⁷⁷n

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(n,p) t

⁷²Hf-177n

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷²Hf-177n