

Program EVALPLOT
(Version 2021-1)

by

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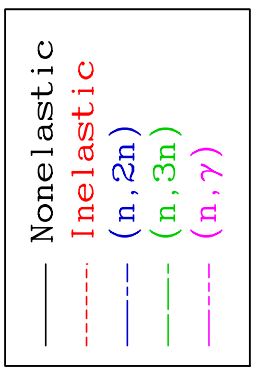
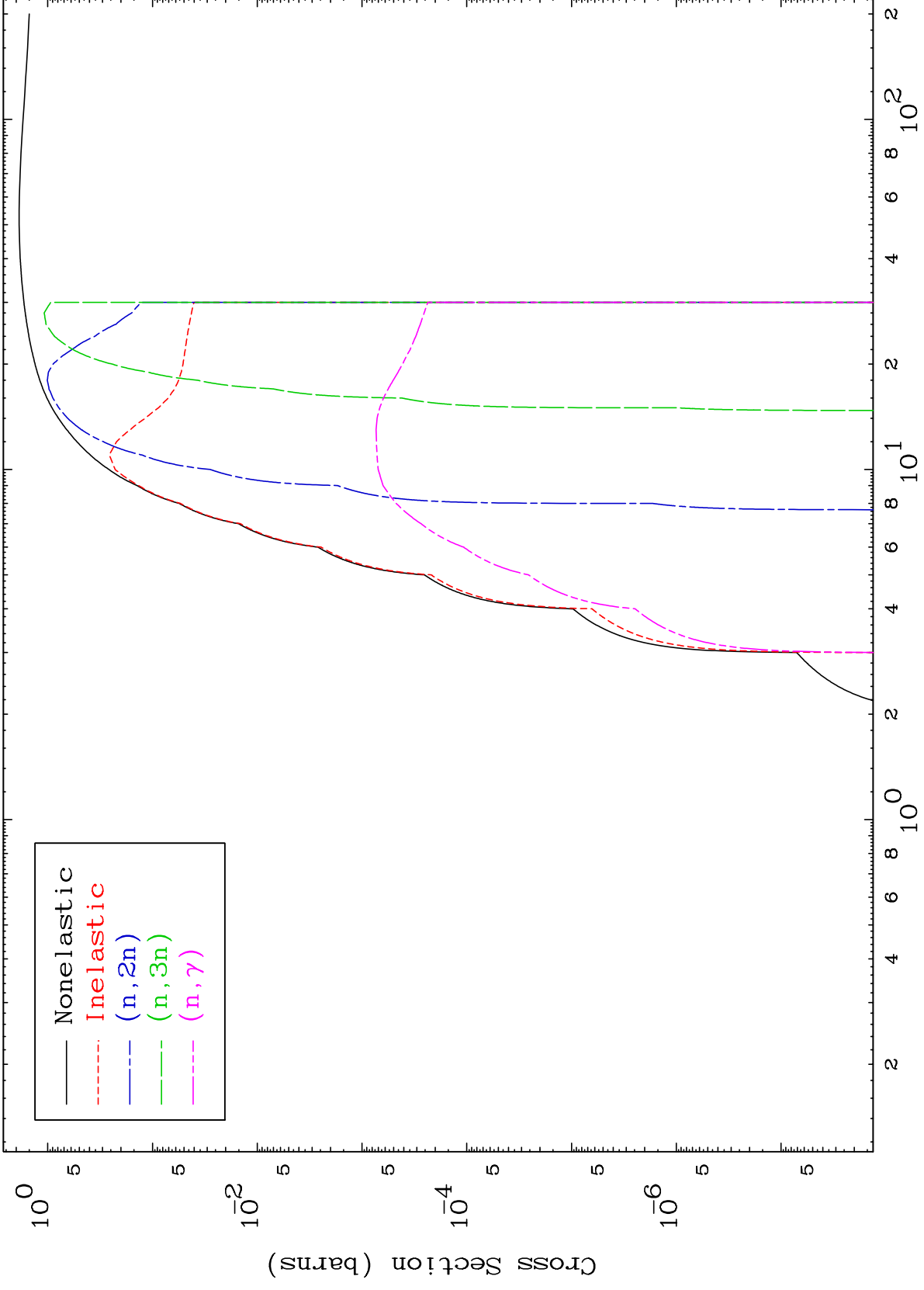
Press Mouse Button to Start

MAT 7236

Proton Major

⁷²Hf-177n

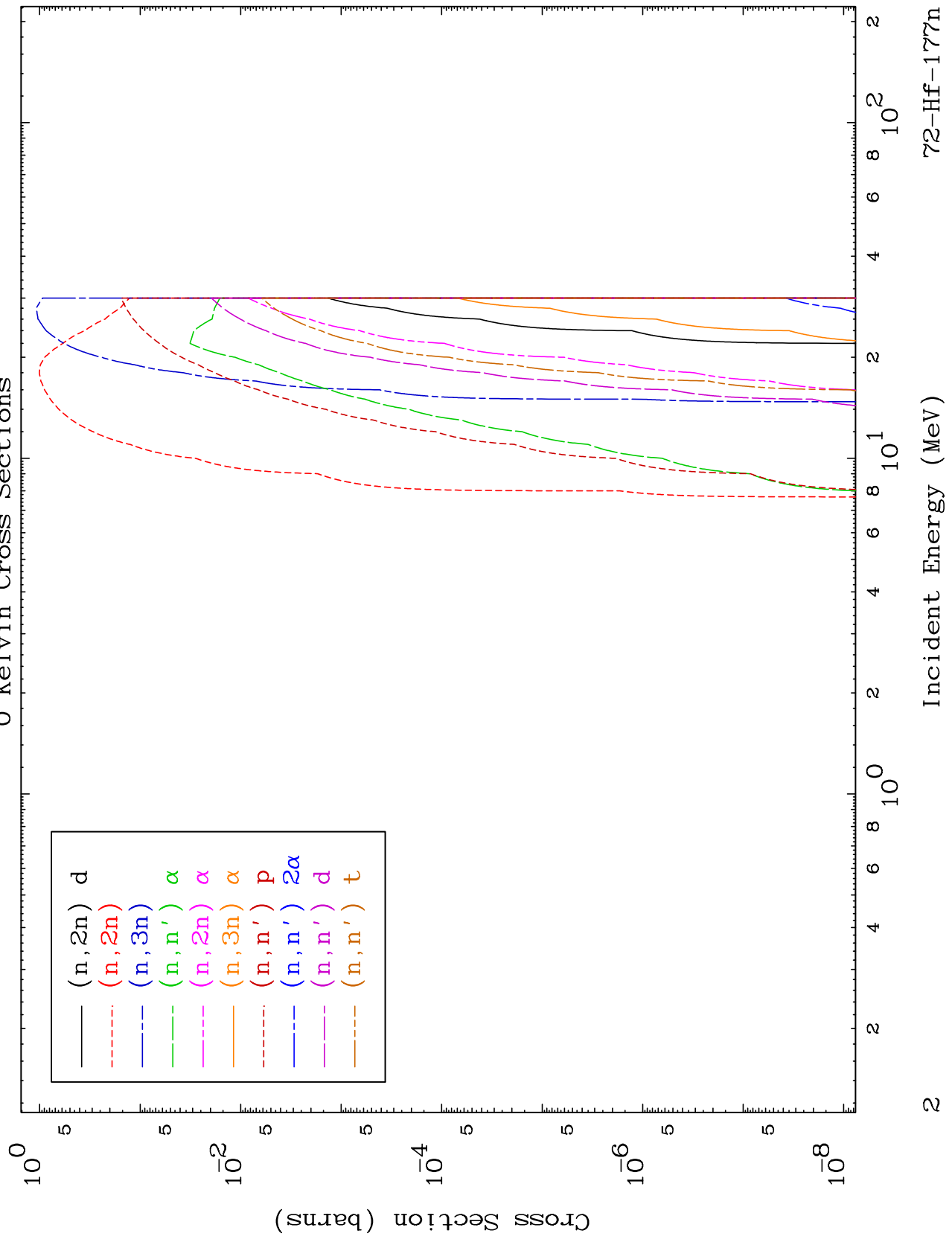
0 Kelvin Cross Sections

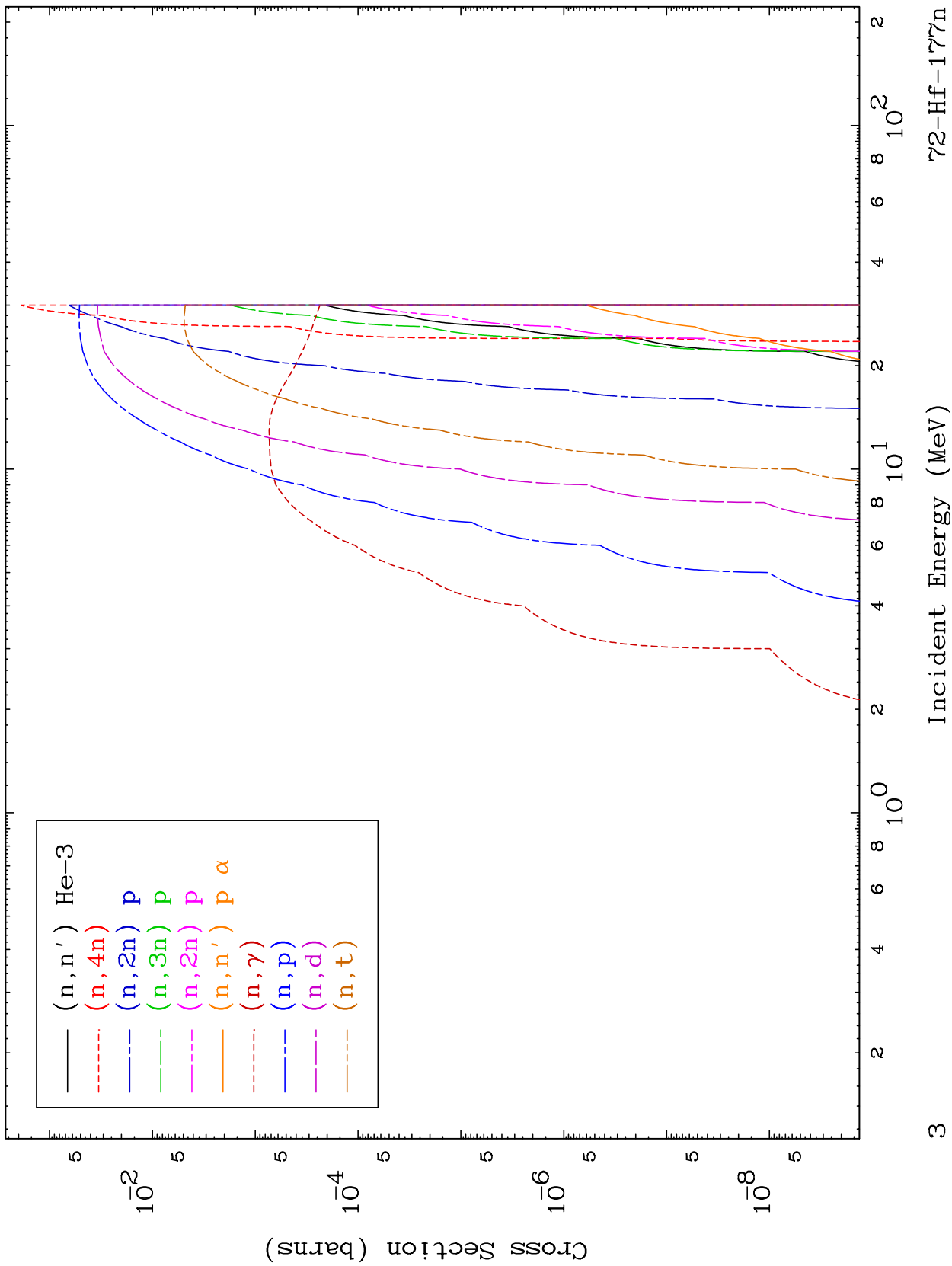


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Proton Neutron Absorption
0 Kelvin Cross Sections

⁷²Hf-177n

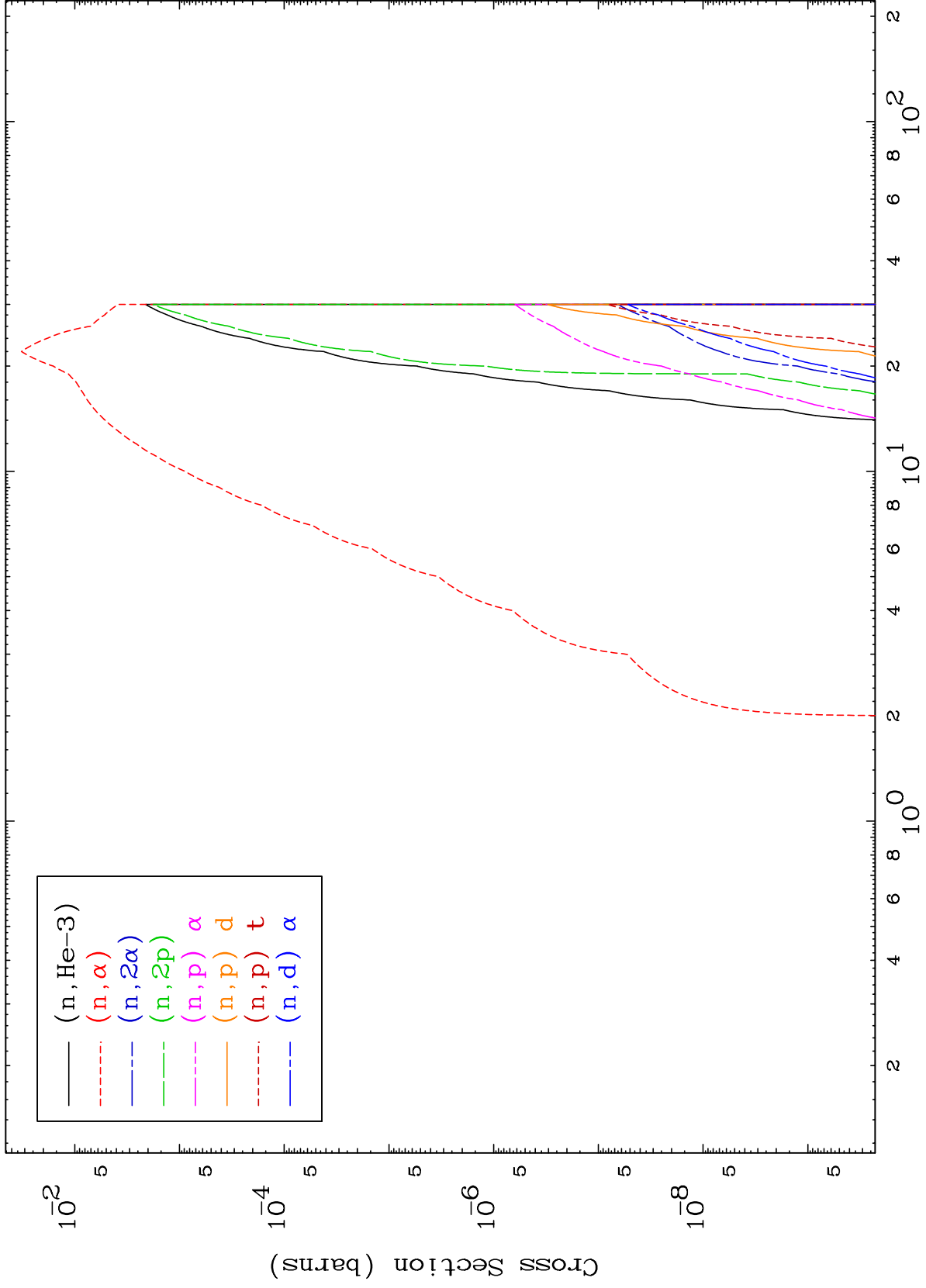




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Proton Neutron Absorption
0 Kelvin Cross Sections

⁷²Hf-177n



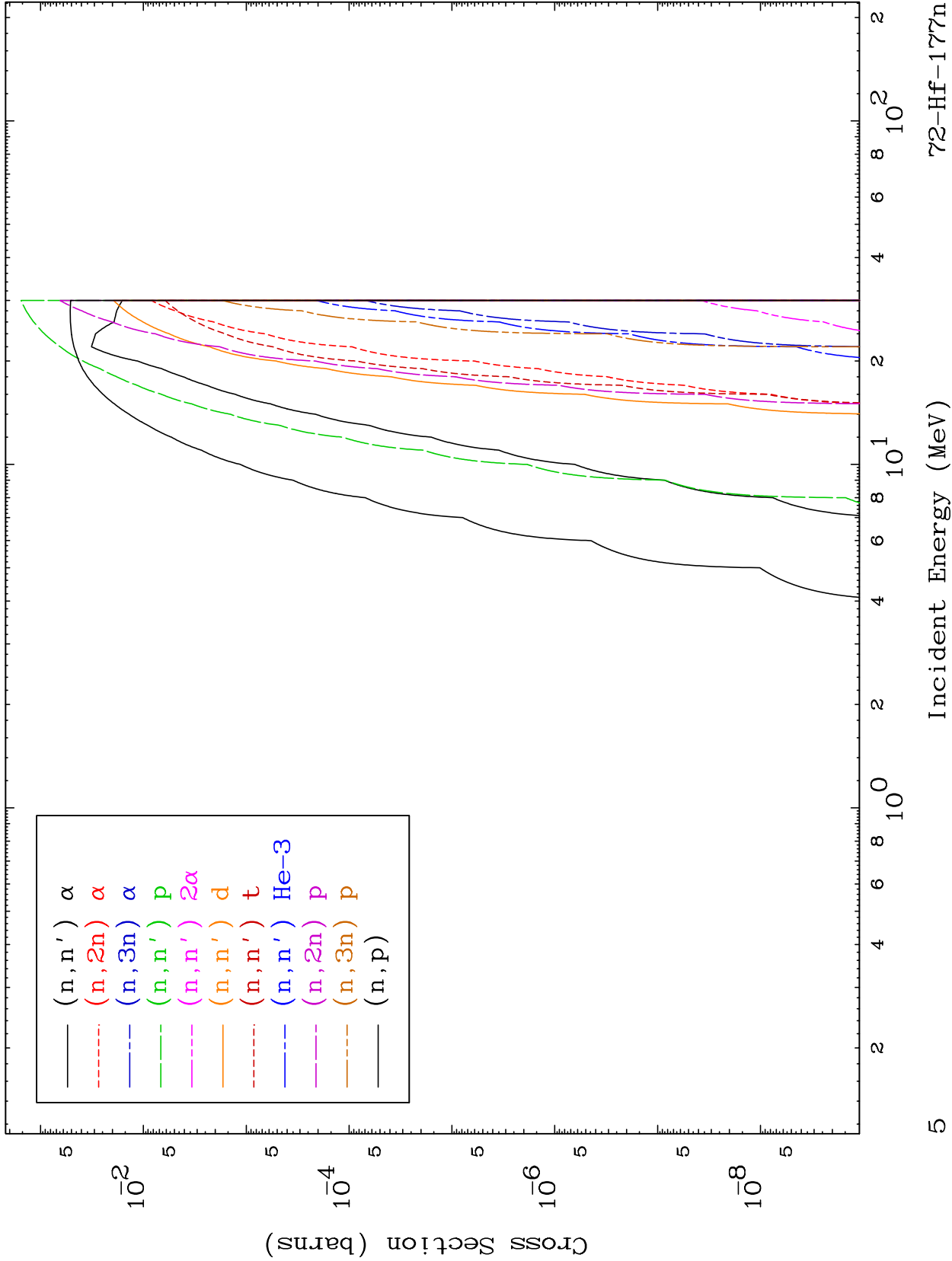
⁷²Hf-177n

Incident Energy (MeV)

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Proton Charged Particle
0 Kelvin Cross Sections

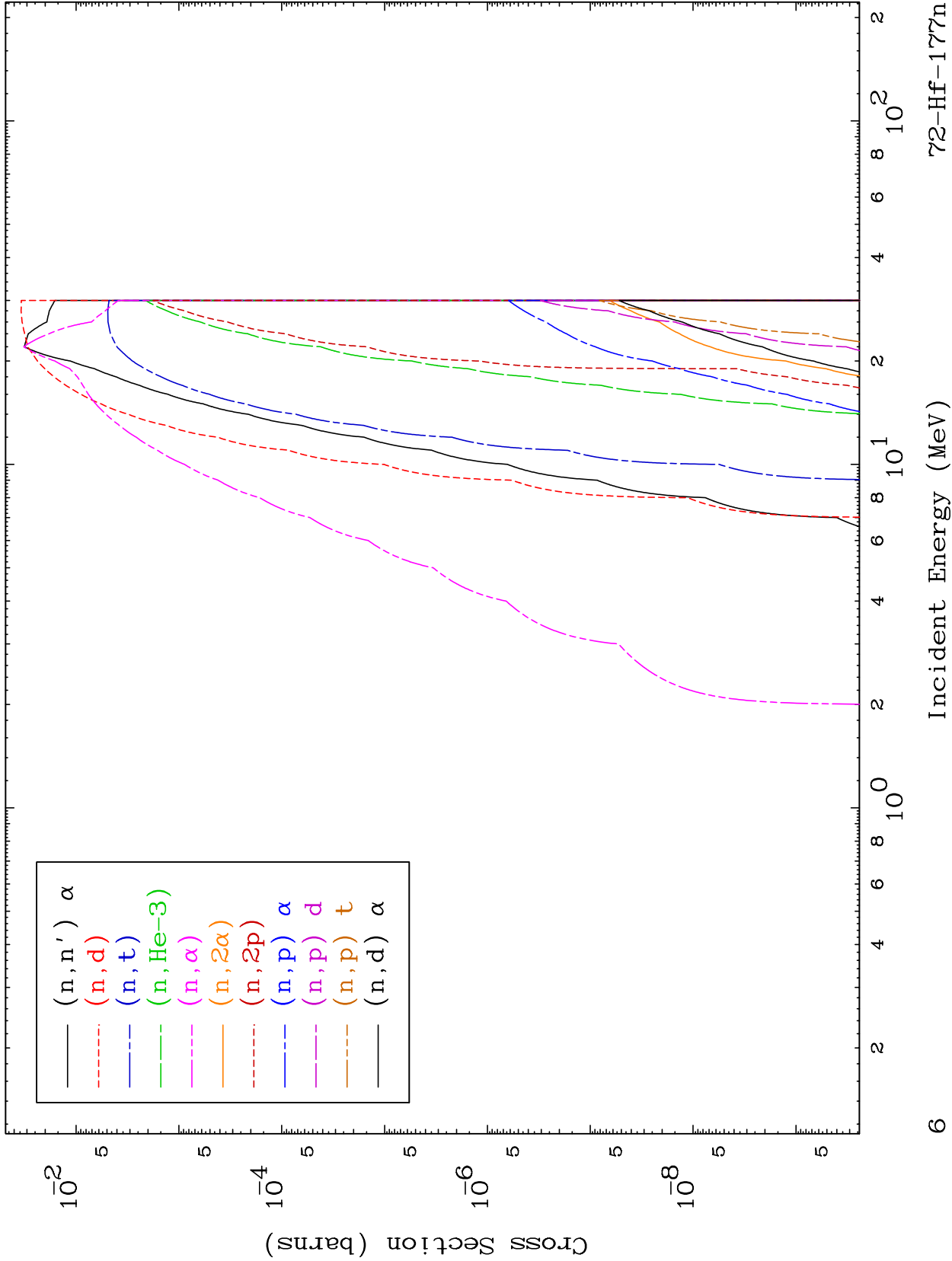
⁷²Hf-177n



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Proton Charged Particle
0 Kelvin Cross Sections

⁷²Hf-177n

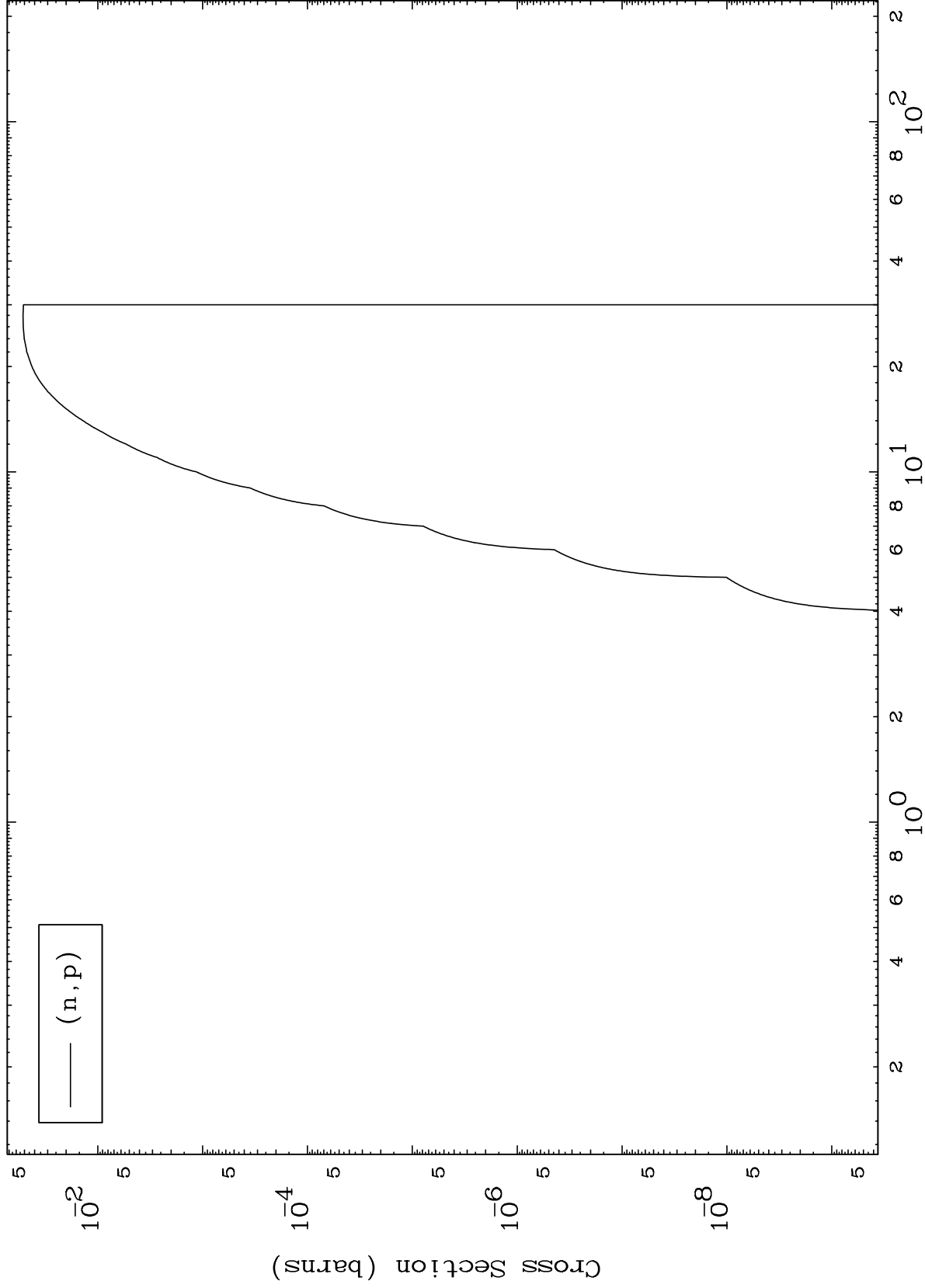


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(p,p) Levels

⁷²Hf-177n

0 Kelvin Cross Sections



7

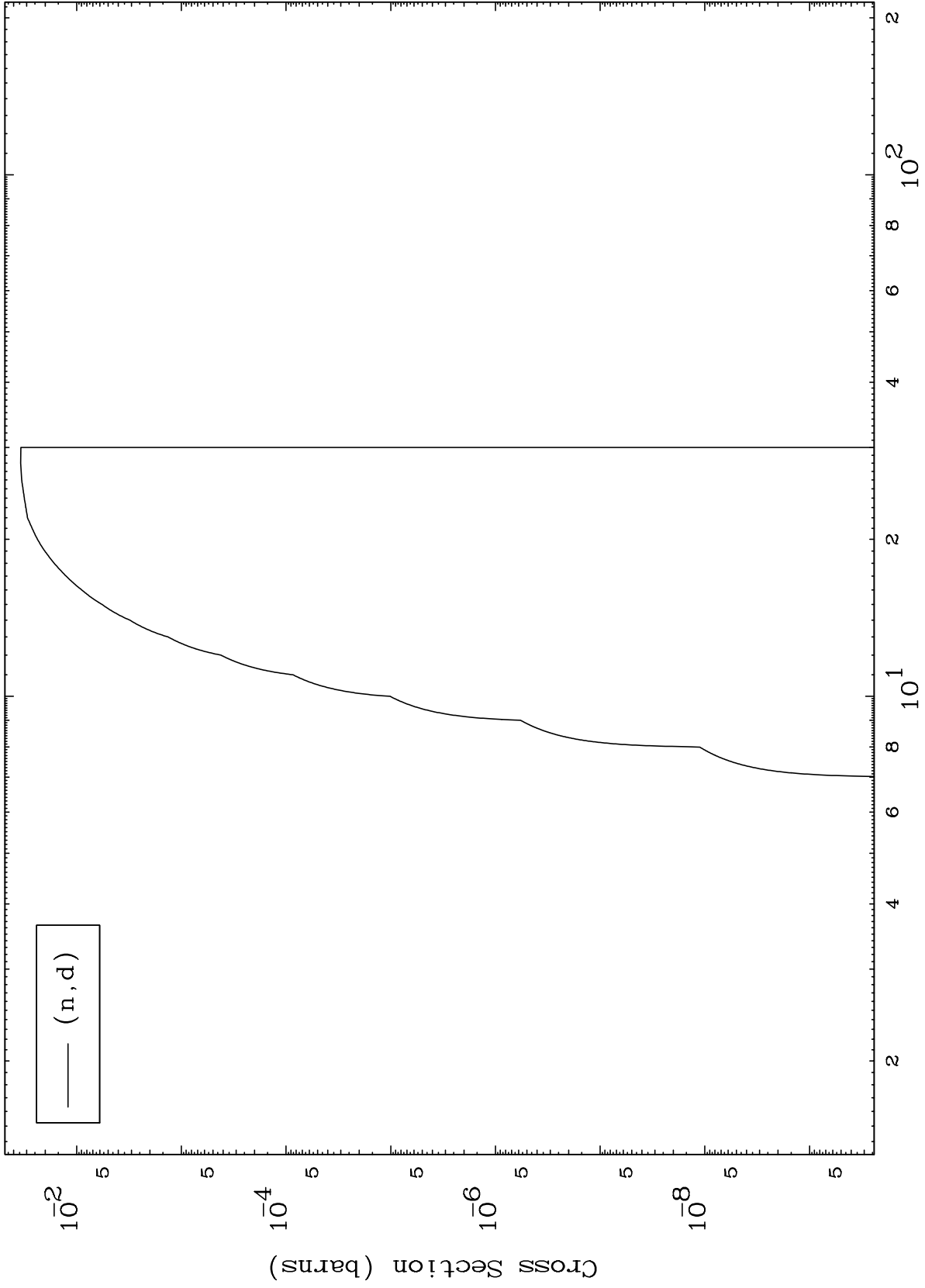
Incident Energy (MeV)

⁷²Hf-177n

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(p,d) Levels
0 Kelvin Cross Sections

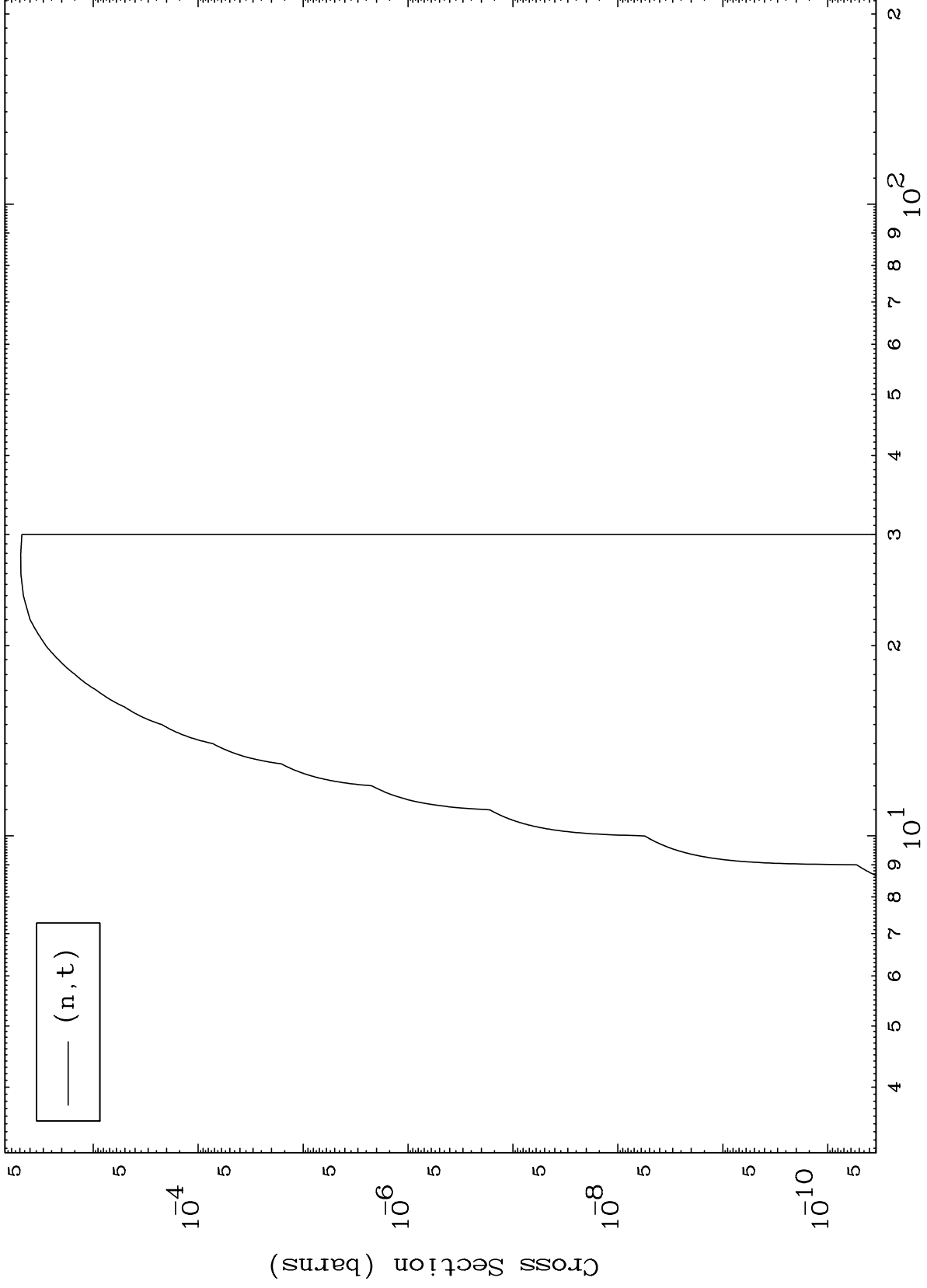
⁷²Hf-177n



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(p, t) Levels
0 Kelvin Cross Sections

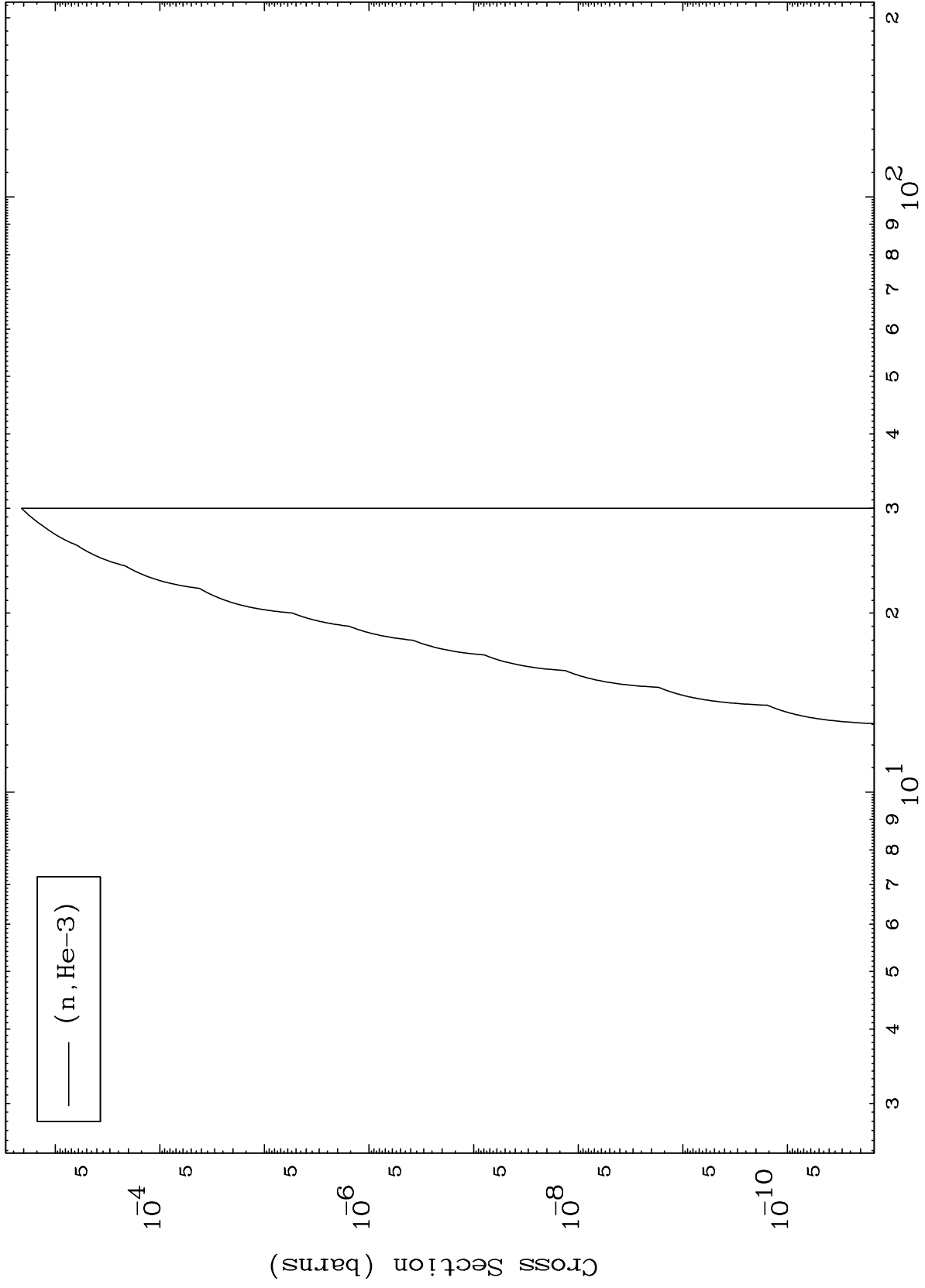
⁷²Hf-177n



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(p,He3) Levels
0 Kelvin Cross Sections

72-Hf-177n



10

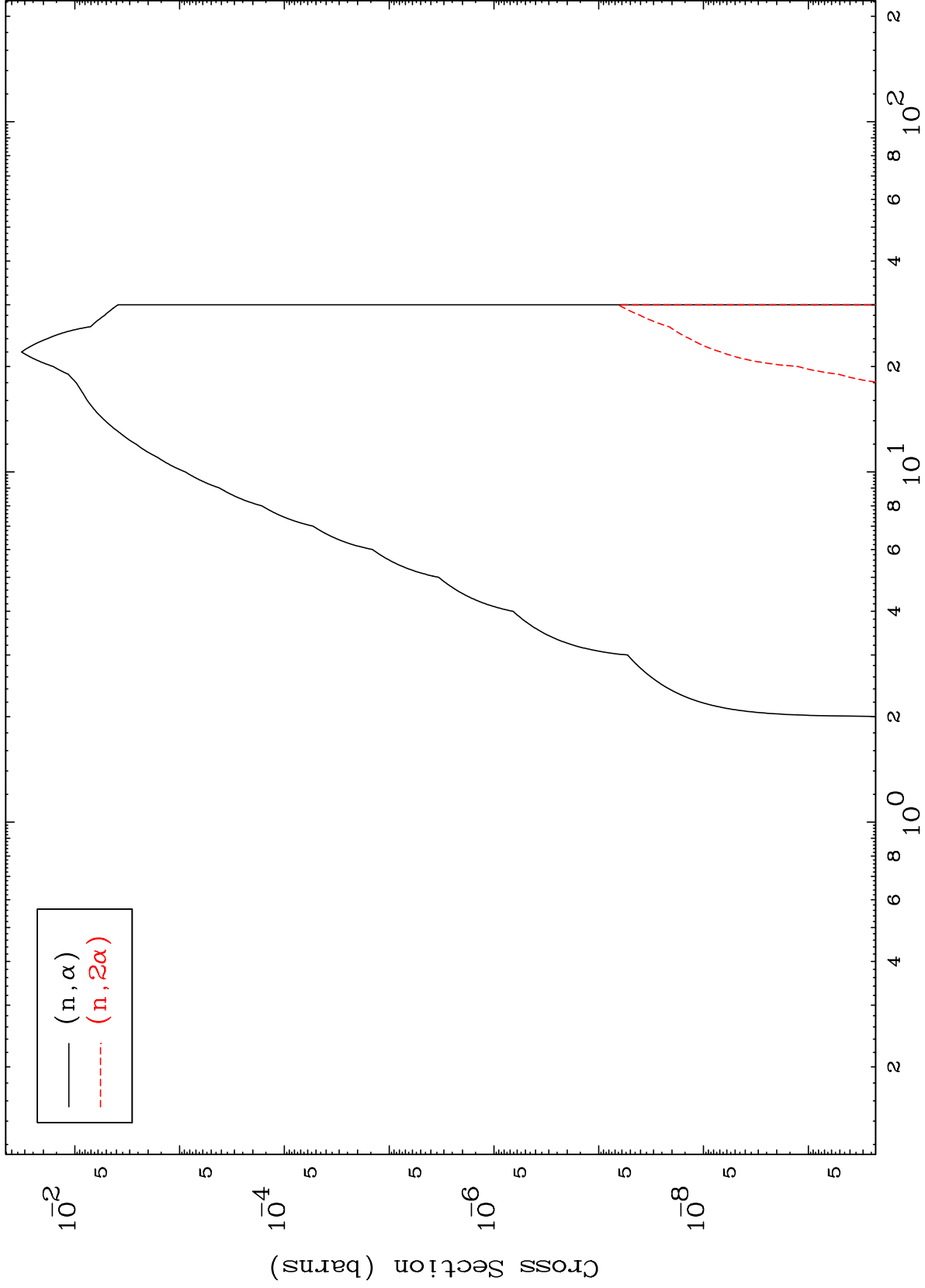
Incident Energy (MeV)

72-Hf-177n

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(p, α) Levels
0 Kelvin Cross Sections

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

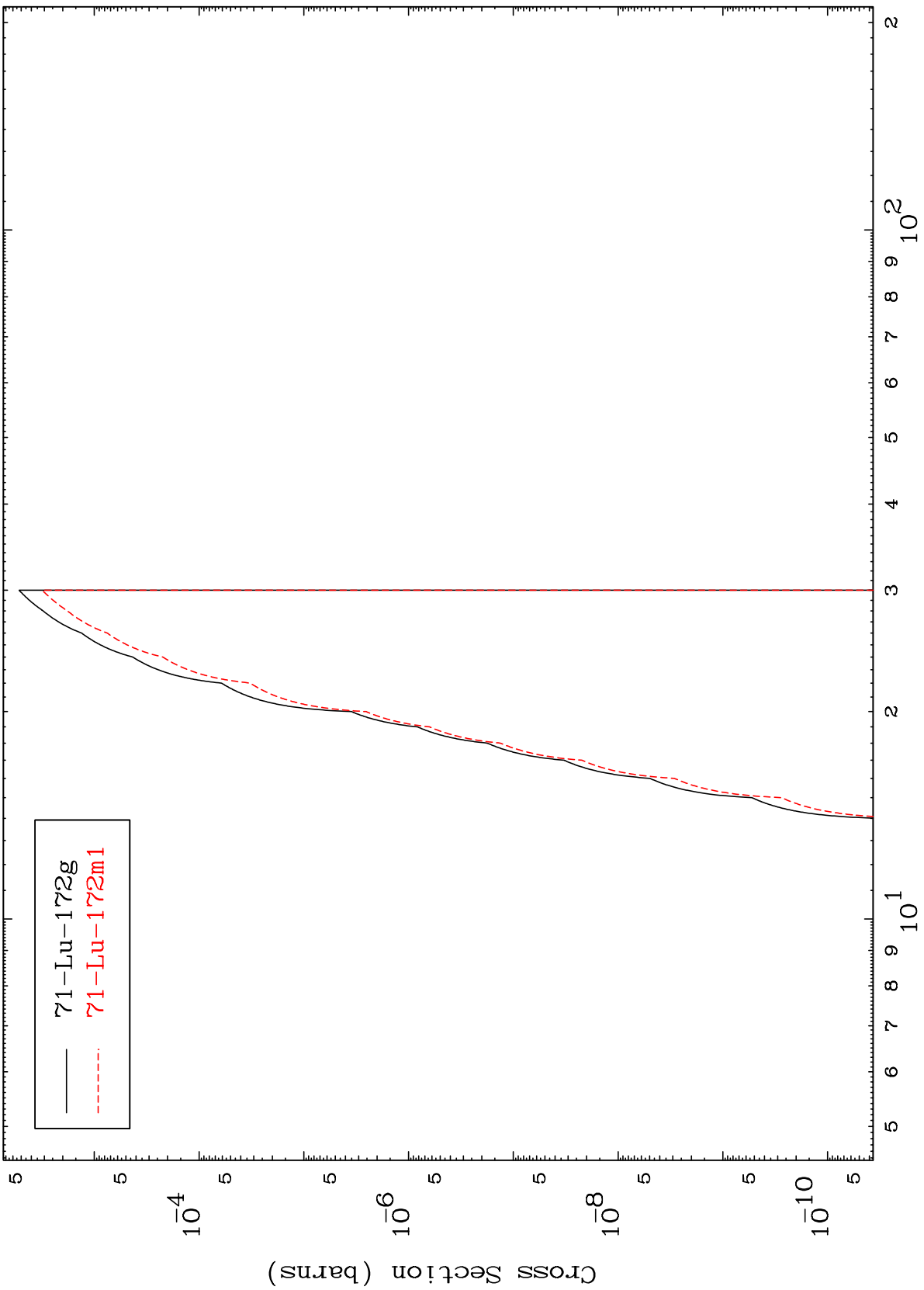


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$(n, 2n)$ α

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

Radionuclide Production Cross Section



— $^{71}\text{Lu}-^{172}\text{g}$
- - - $^{71}\text{Lu}-^{172}\text{m1}$

12

Incident Energy (MeV)

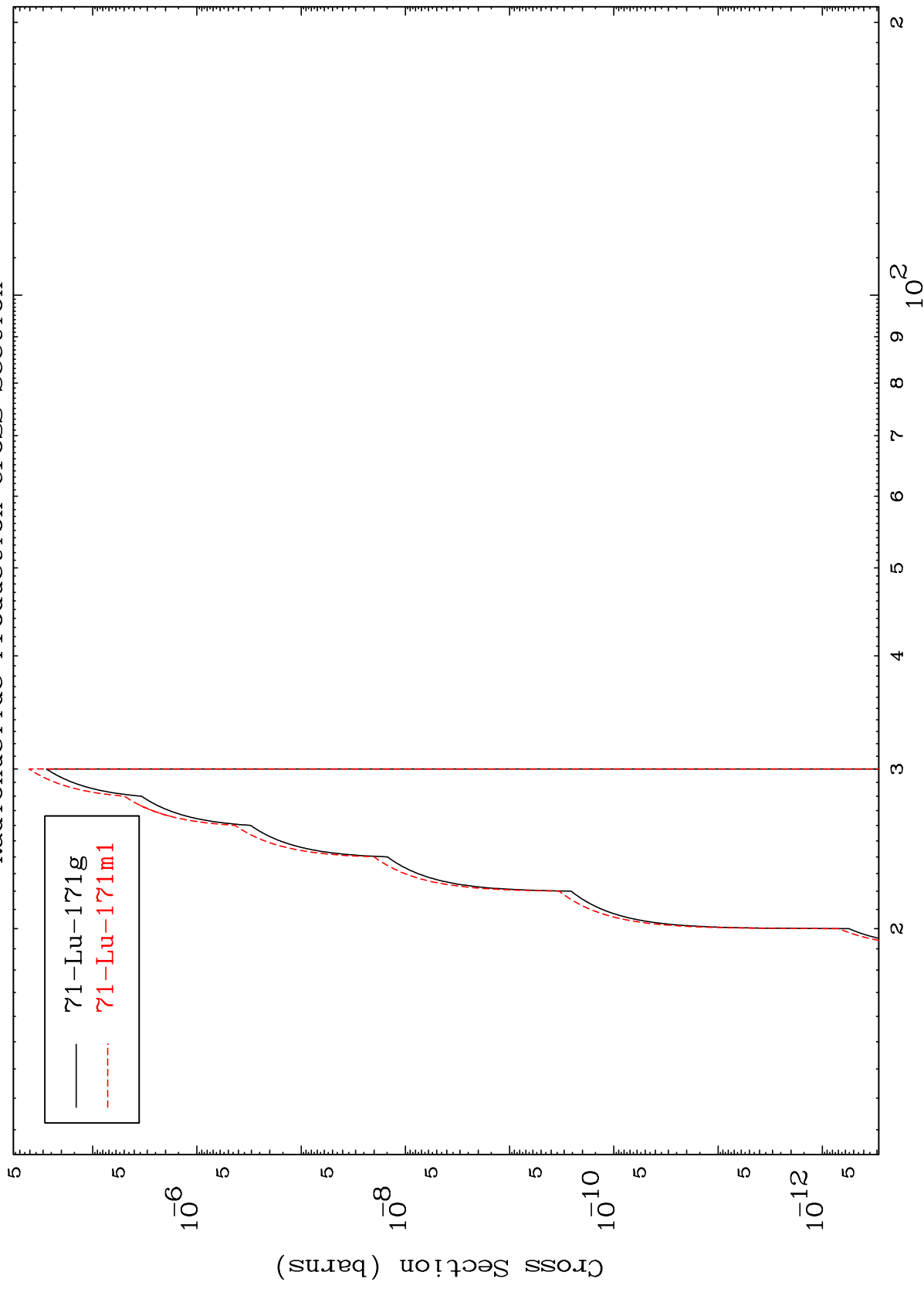
$^{72}\text{Hf}-^{177}\text{n}$

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

$(n,3n) \alpha$

Radionuclide Production Cross Section



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

Incident Energy (MeV)

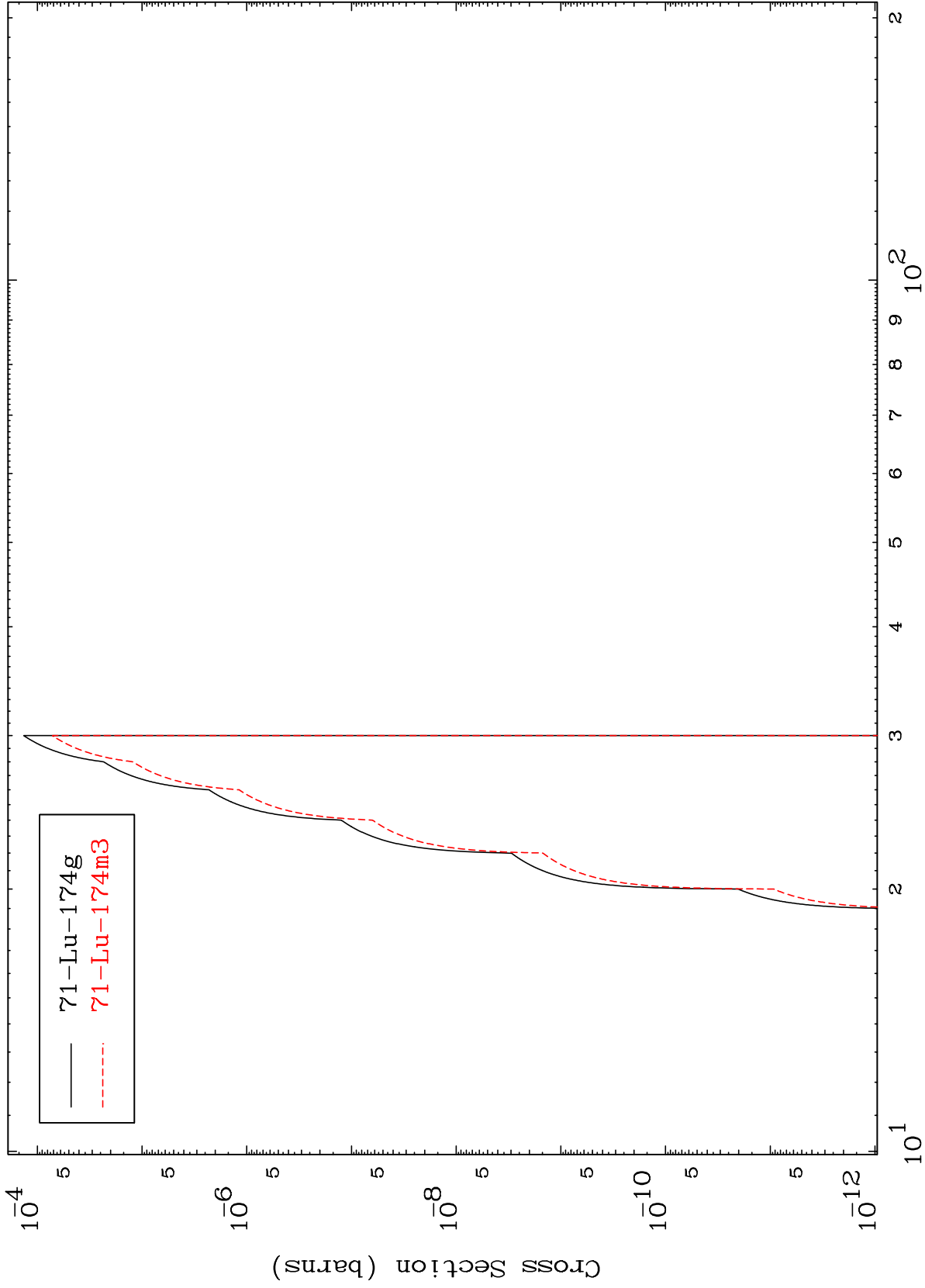
13

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(n,n') He-3

72-Hf-177n

Radionuclide Production Cross Section



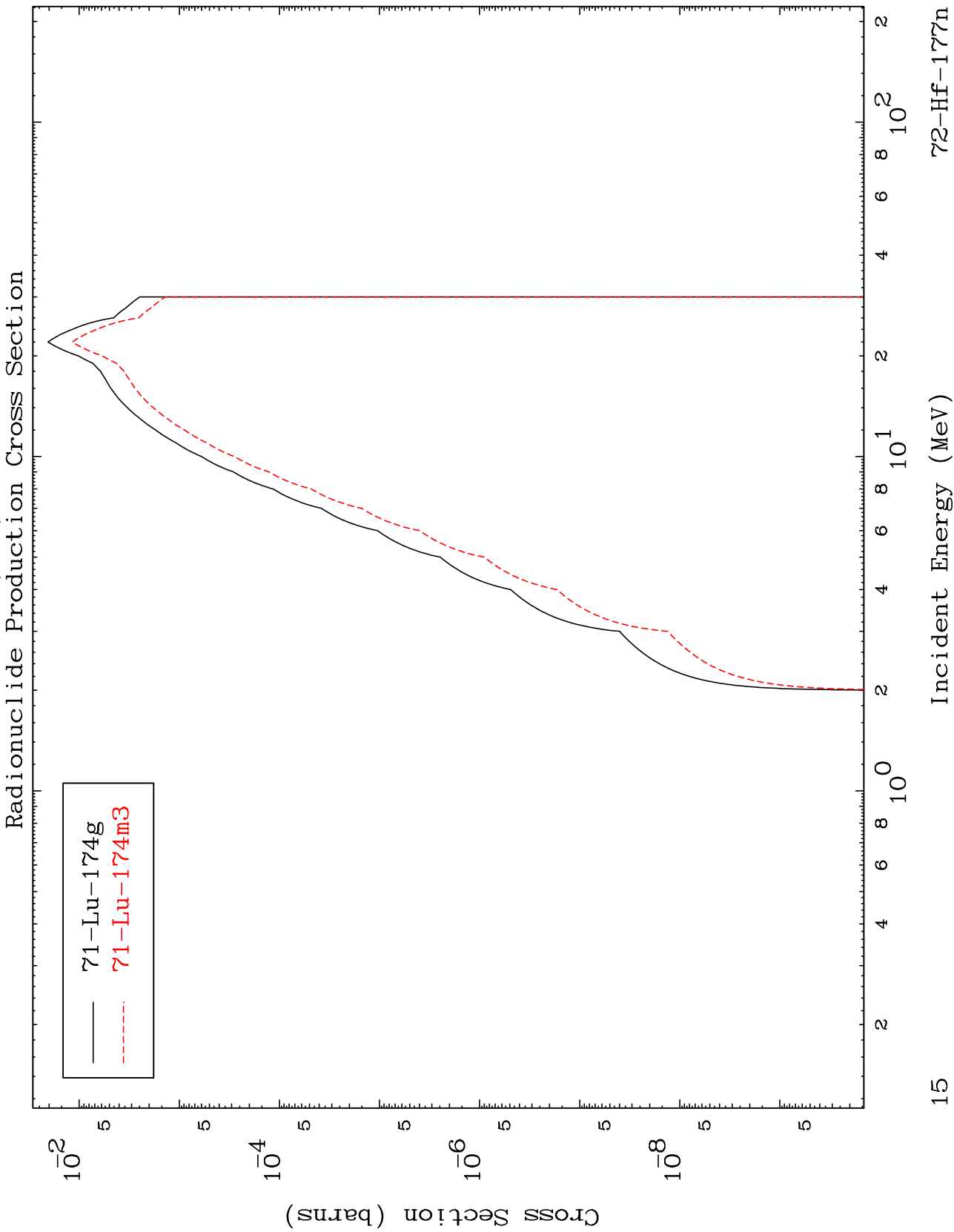
Incident Energy (MeV)

72-Hf-177n

14

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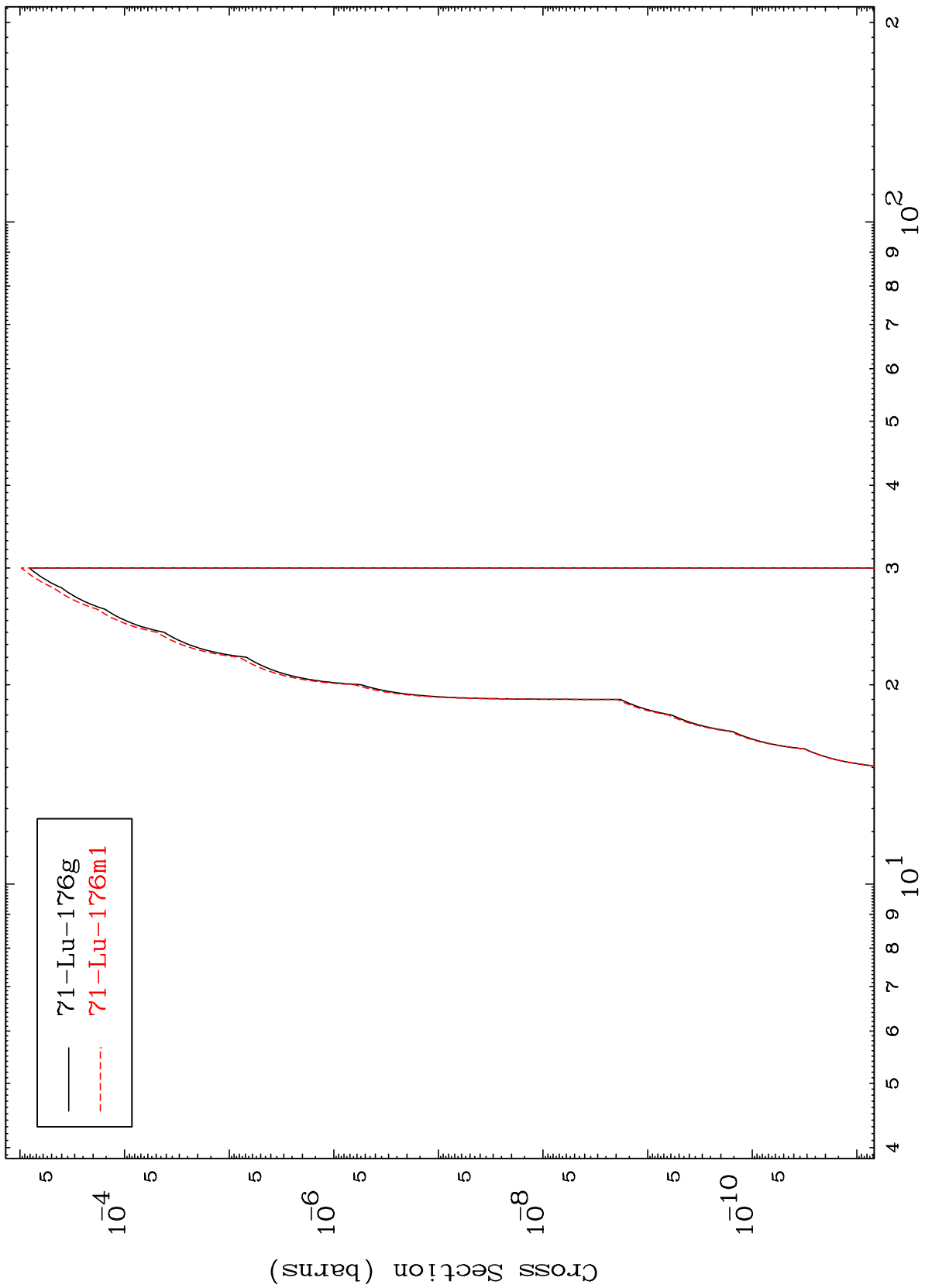
$^{72}\text{Hf}-177\text{n}$



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⁷²Hf-177n

Radionuclide Production Cross Section (n,2p)



16

Incident Energy (MeV)

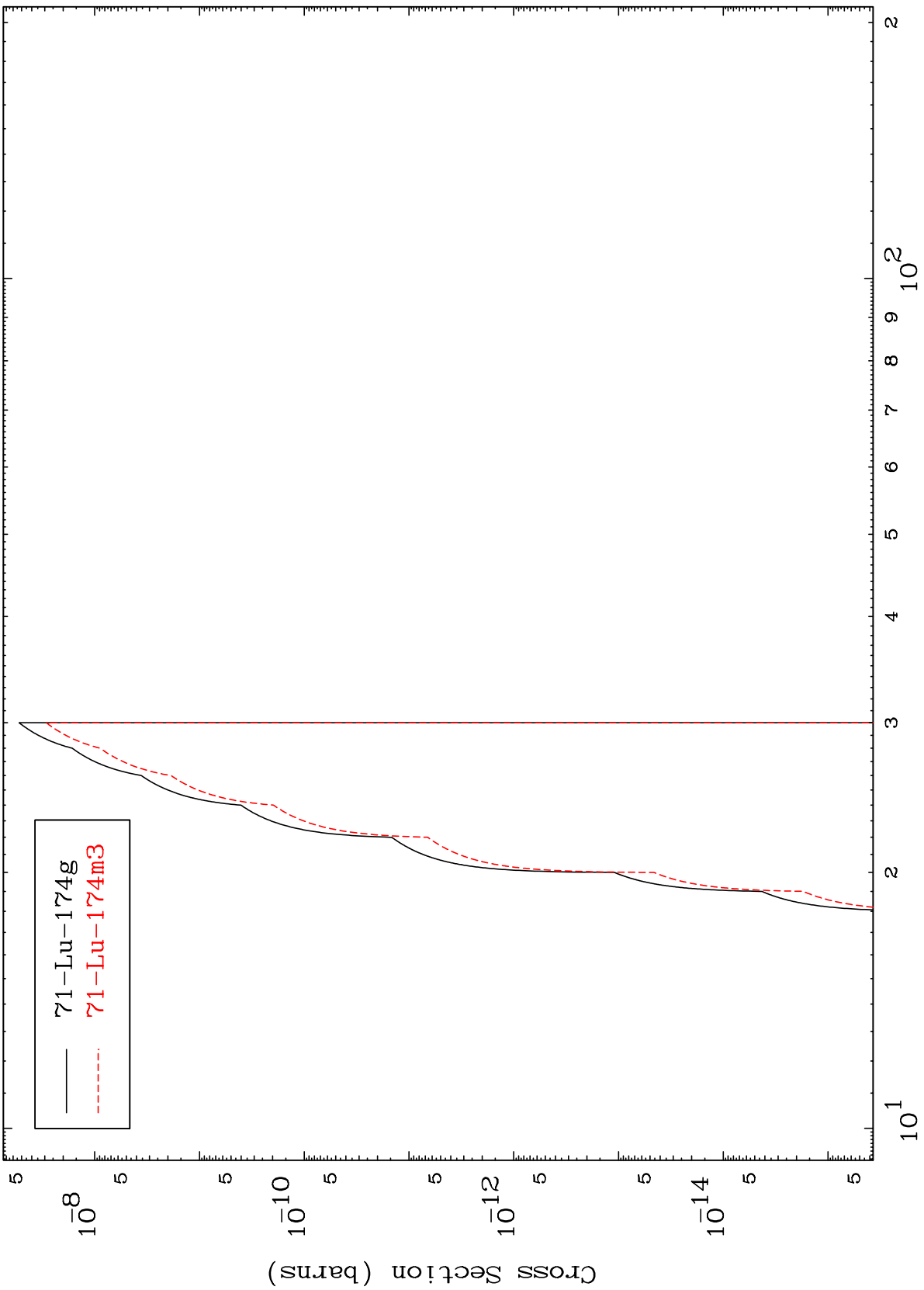
⁷²Hf-177n

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(n,p) t

⁷²Hf-¹⁷⁷n

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷²Hf-¹⁷⁷n