

Program EVALPLOT
(Version 2021-1)

by

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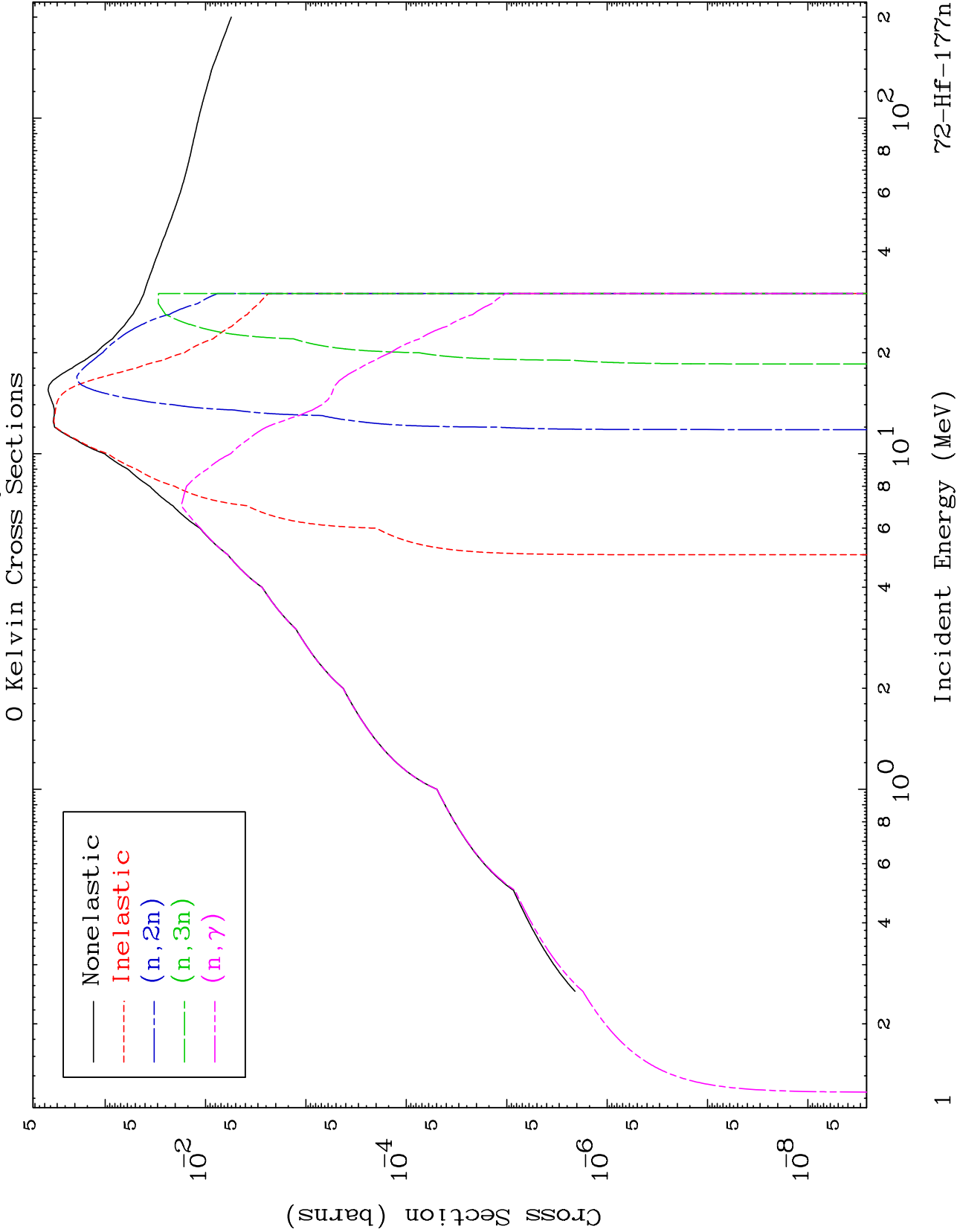
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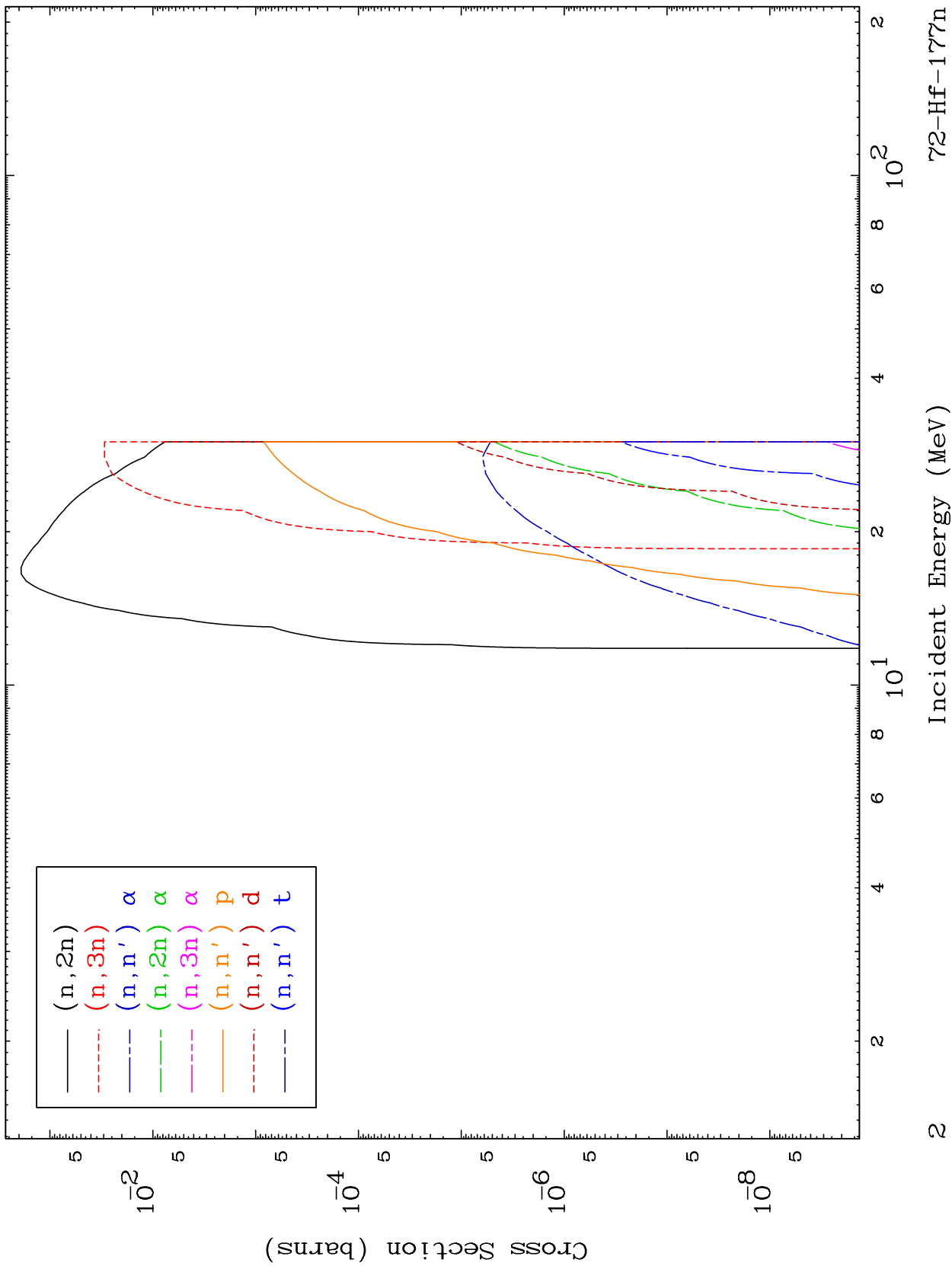
Press Mouse Button to Start

MAT 7236

Photon Major

⁷²Hf-177n

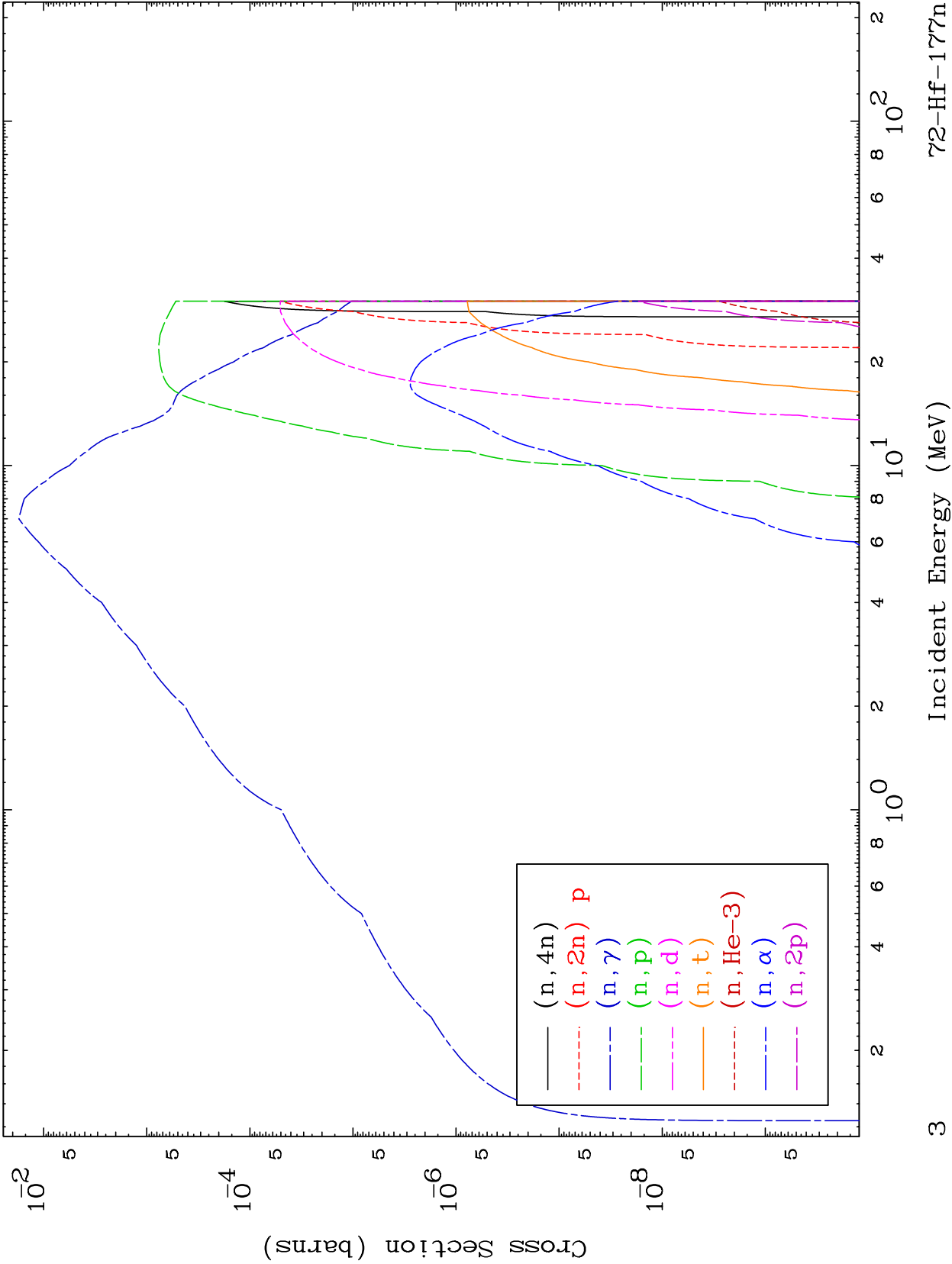




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Photon Neutron Absorption
0 Kelvin Cross Sections

⁷²Hf-177n

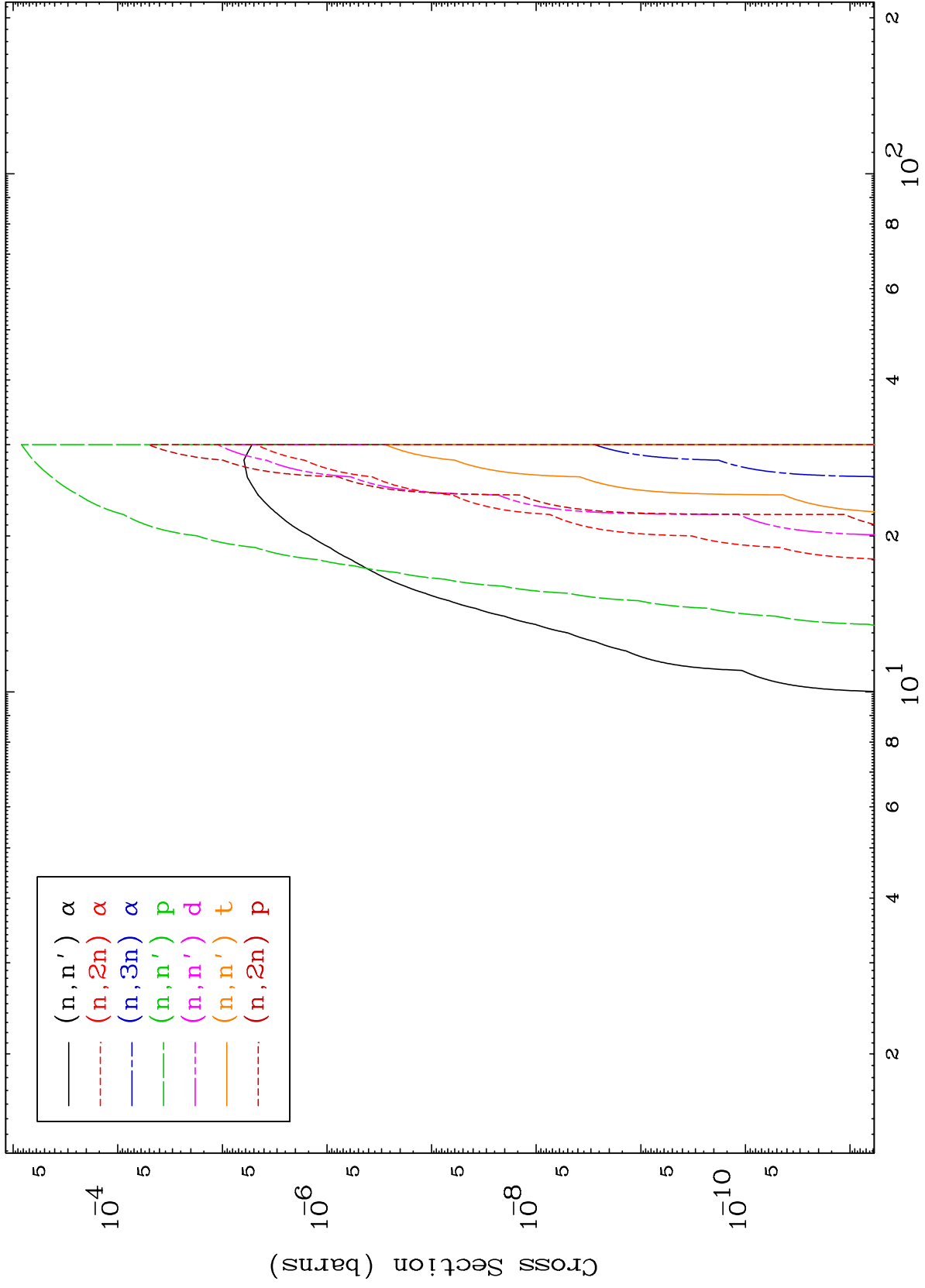


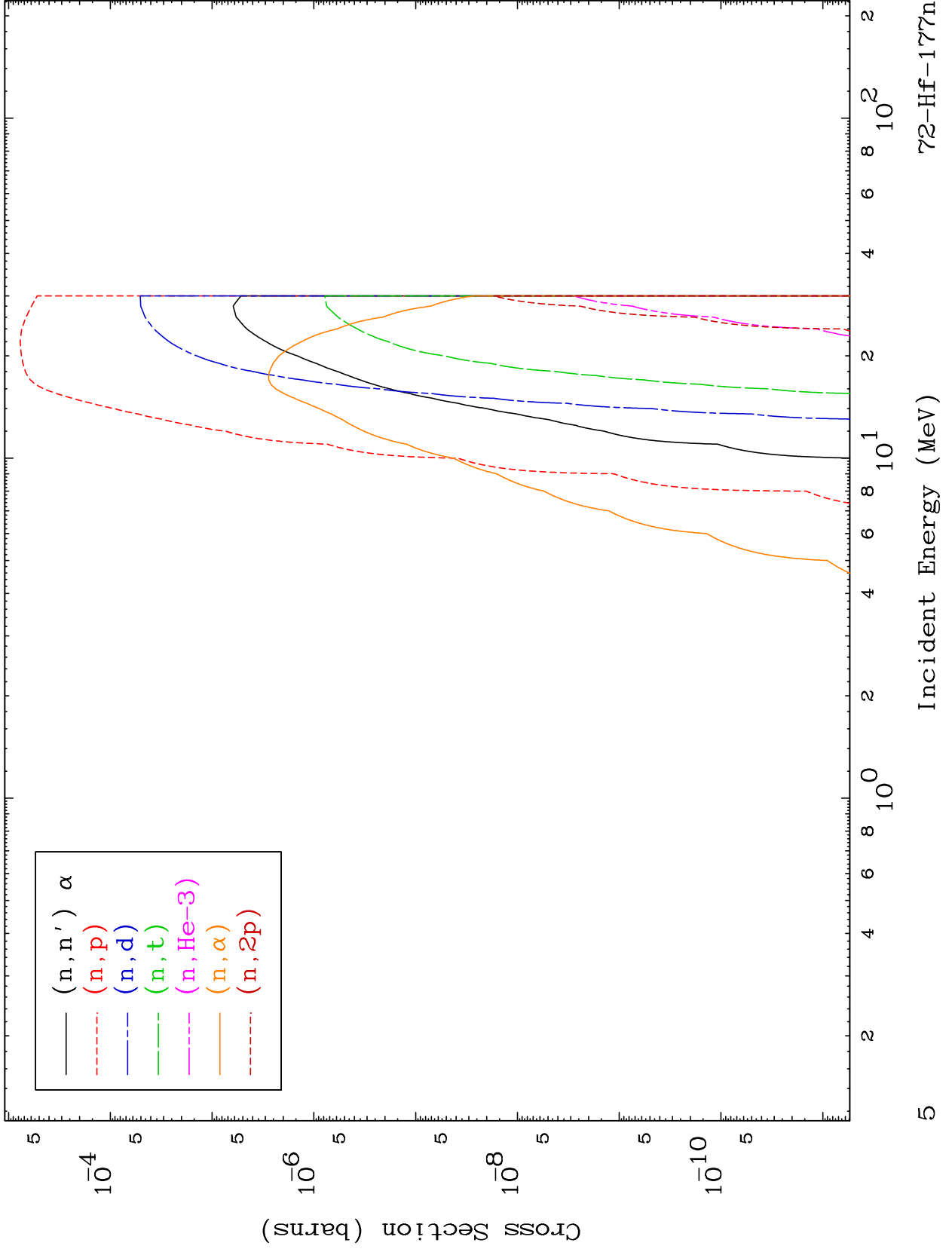
⁷²Hf-177n

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Photon Charged Particle
0 Kelvin Cross Sections

⁷²Hf-177n

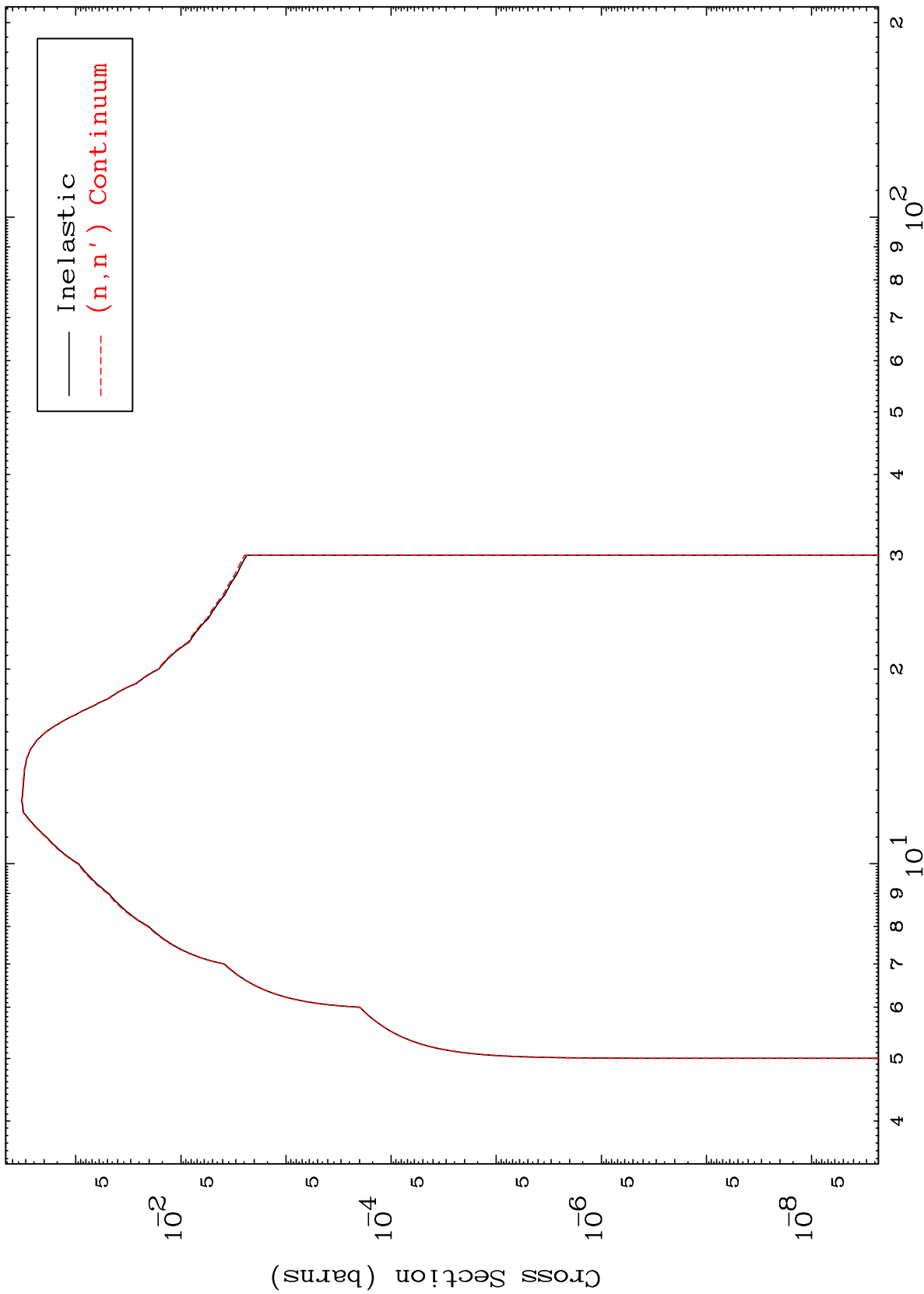




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⁷²Hf-177n

(γ, n') Levels
0 Kelvin Cross Sections



⁷²Hf-177n

Incident Energy (MeV)

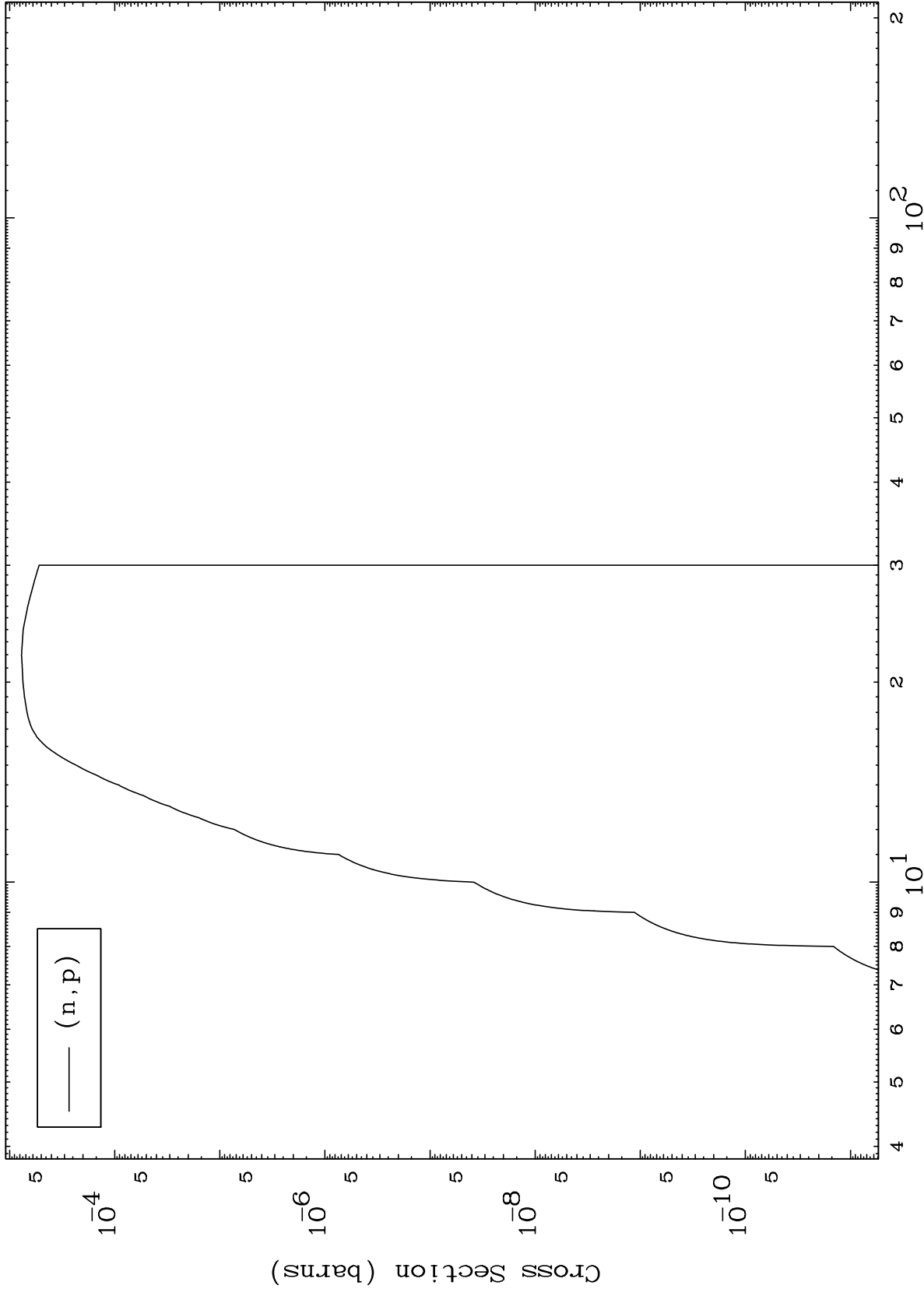
6

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(γ, p) Levels

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

0 Kelvin Cross Sections



Incident Energy (MeV)

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

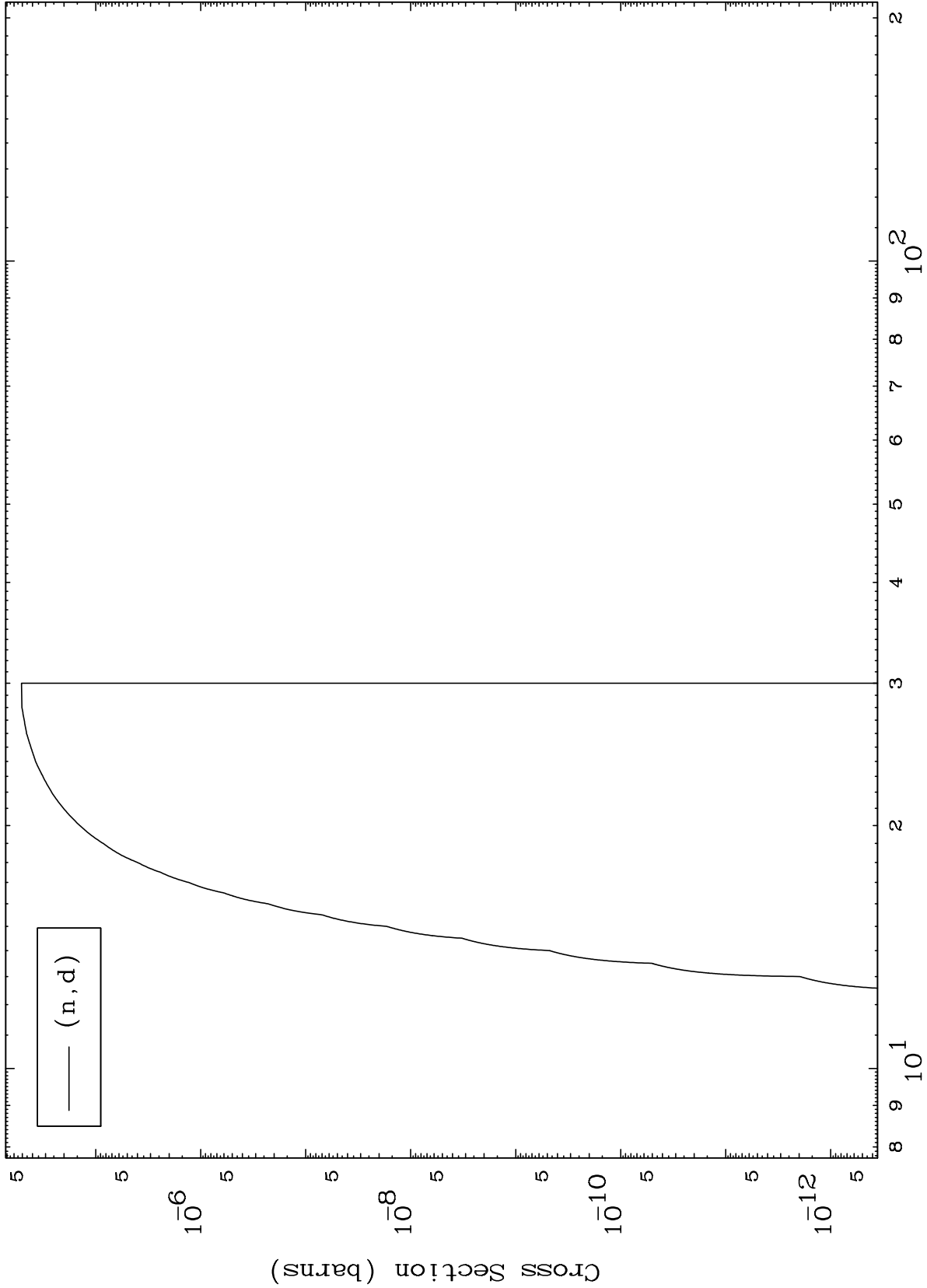
7

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(γ, d) Levels

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

0 Kelvin Cross Sections



Incident Energy (MeV)

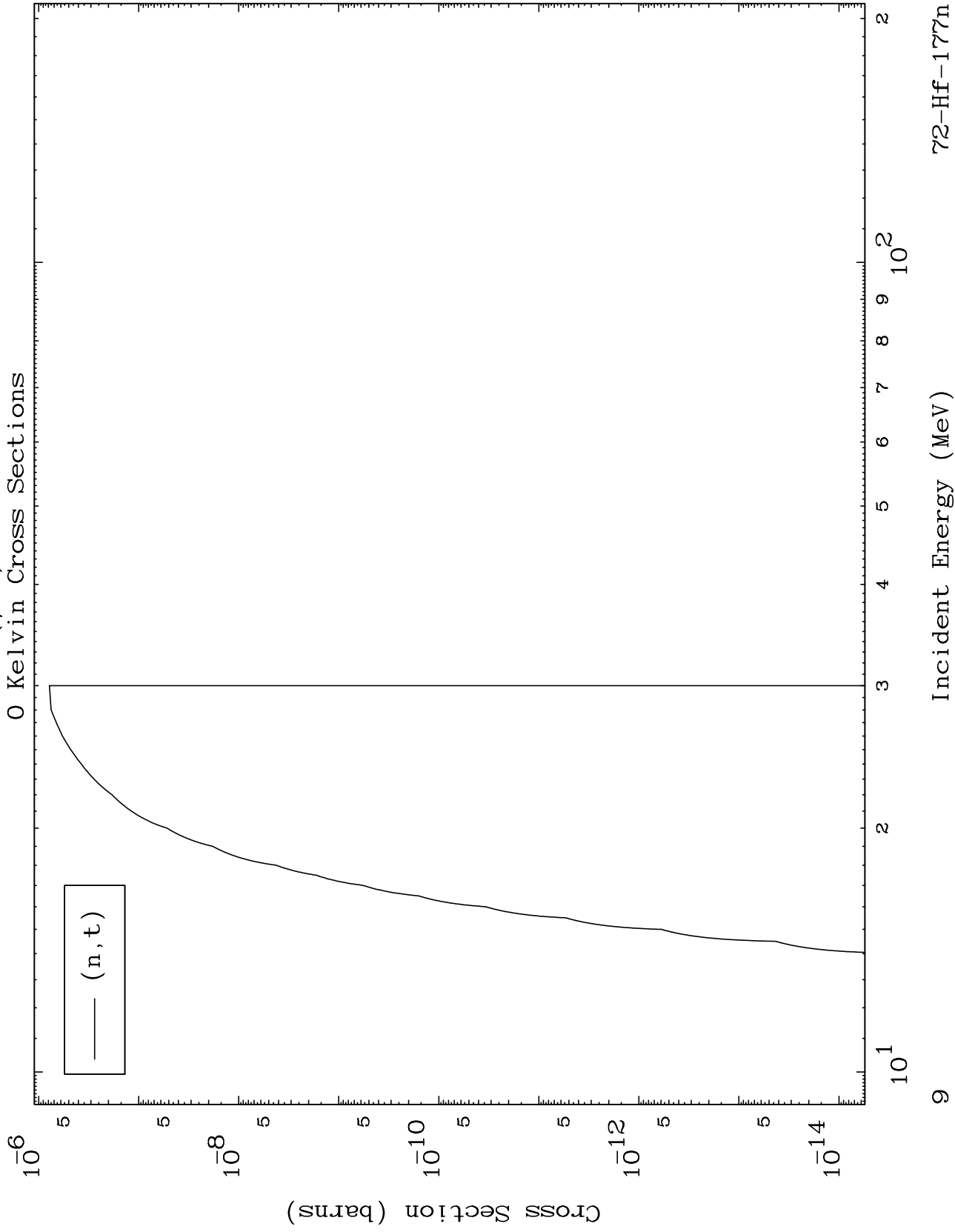
$^{72}\text{Hf}-177n$

8

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(γ, t) Levels

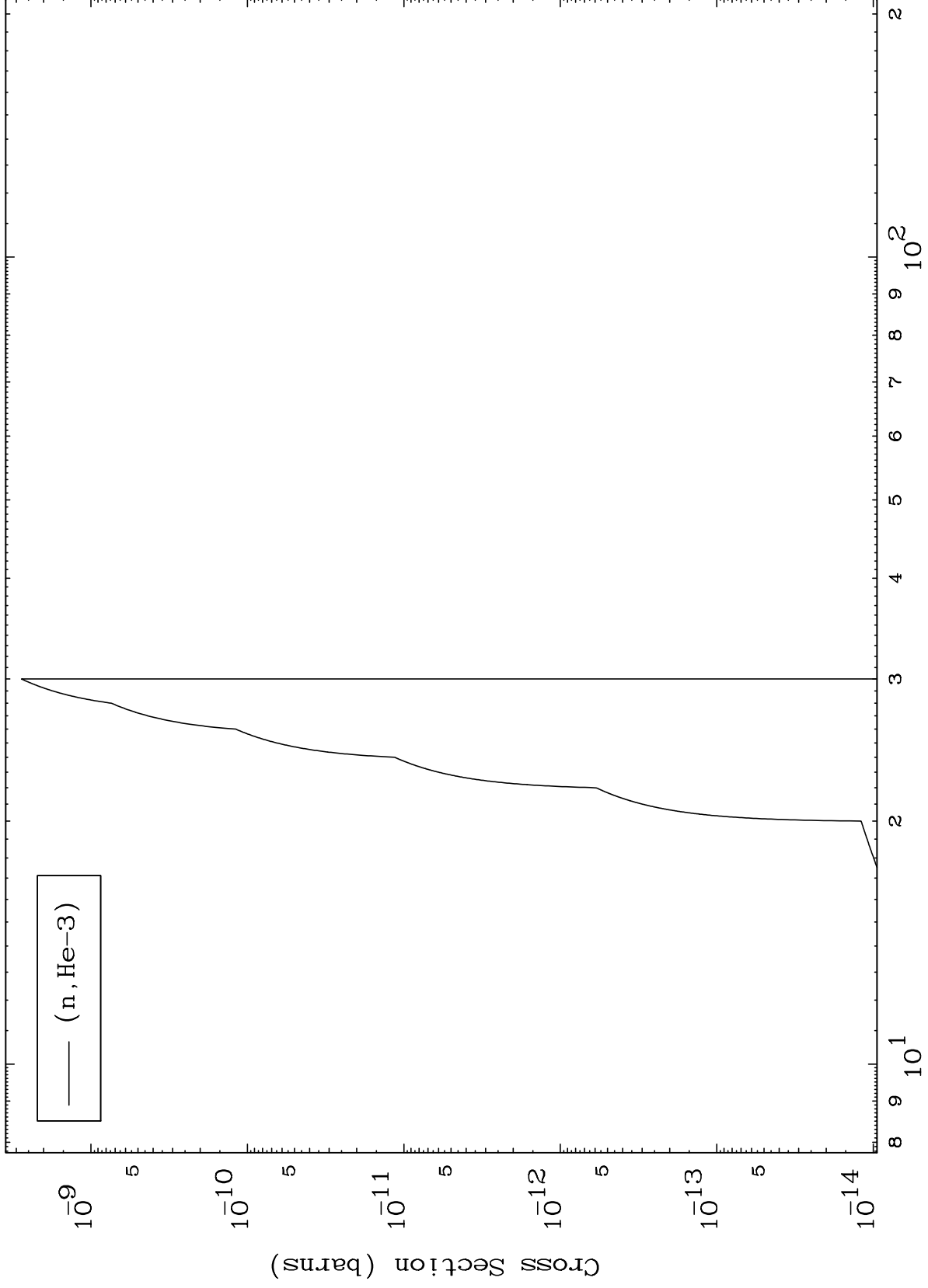
$^{72}\text{Hf}-177\text{n}$



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($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

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



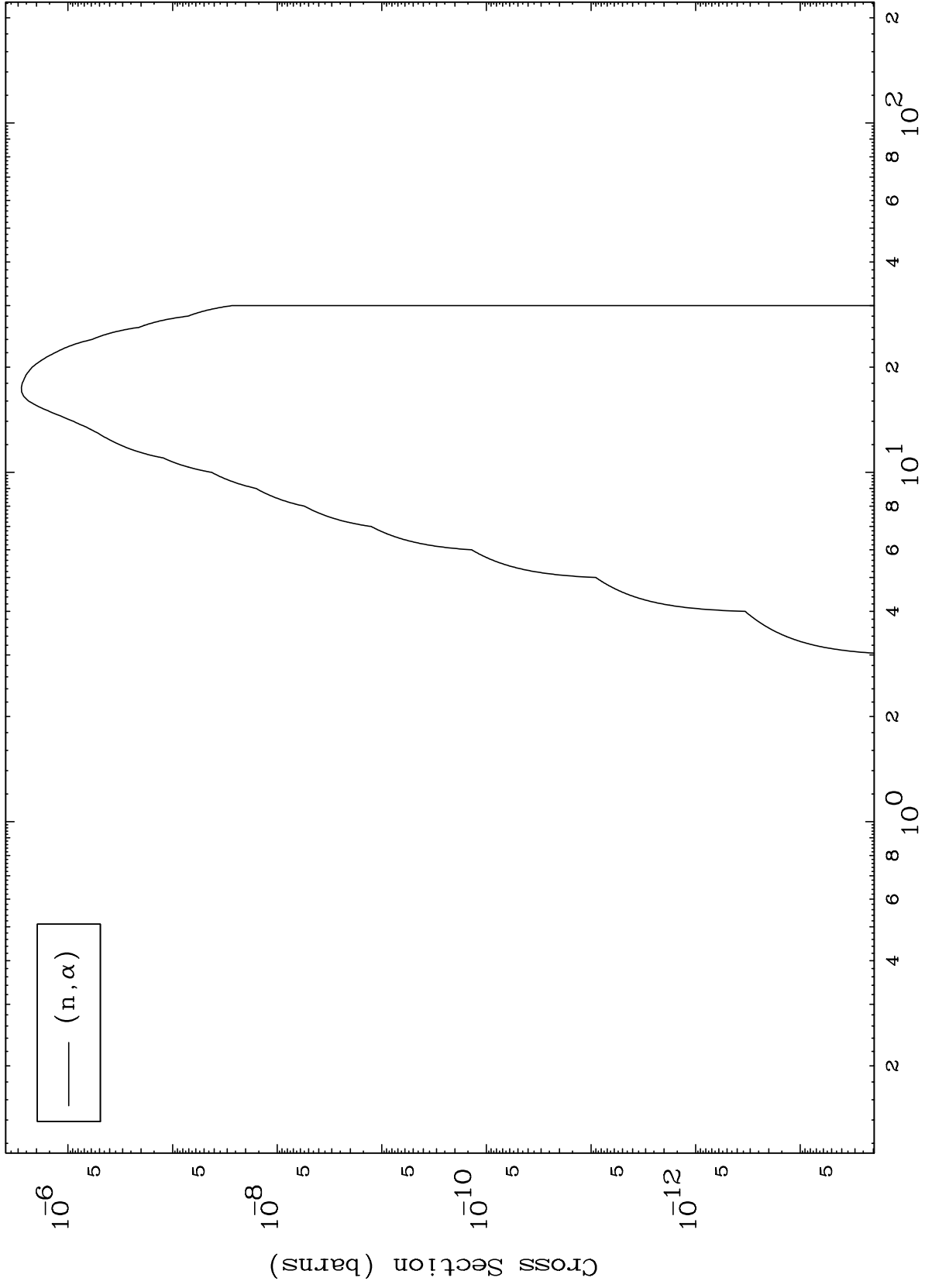
Incident Energy (MeV)

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

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(γ, α) Levels
0 Kelvin Cross Sections

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

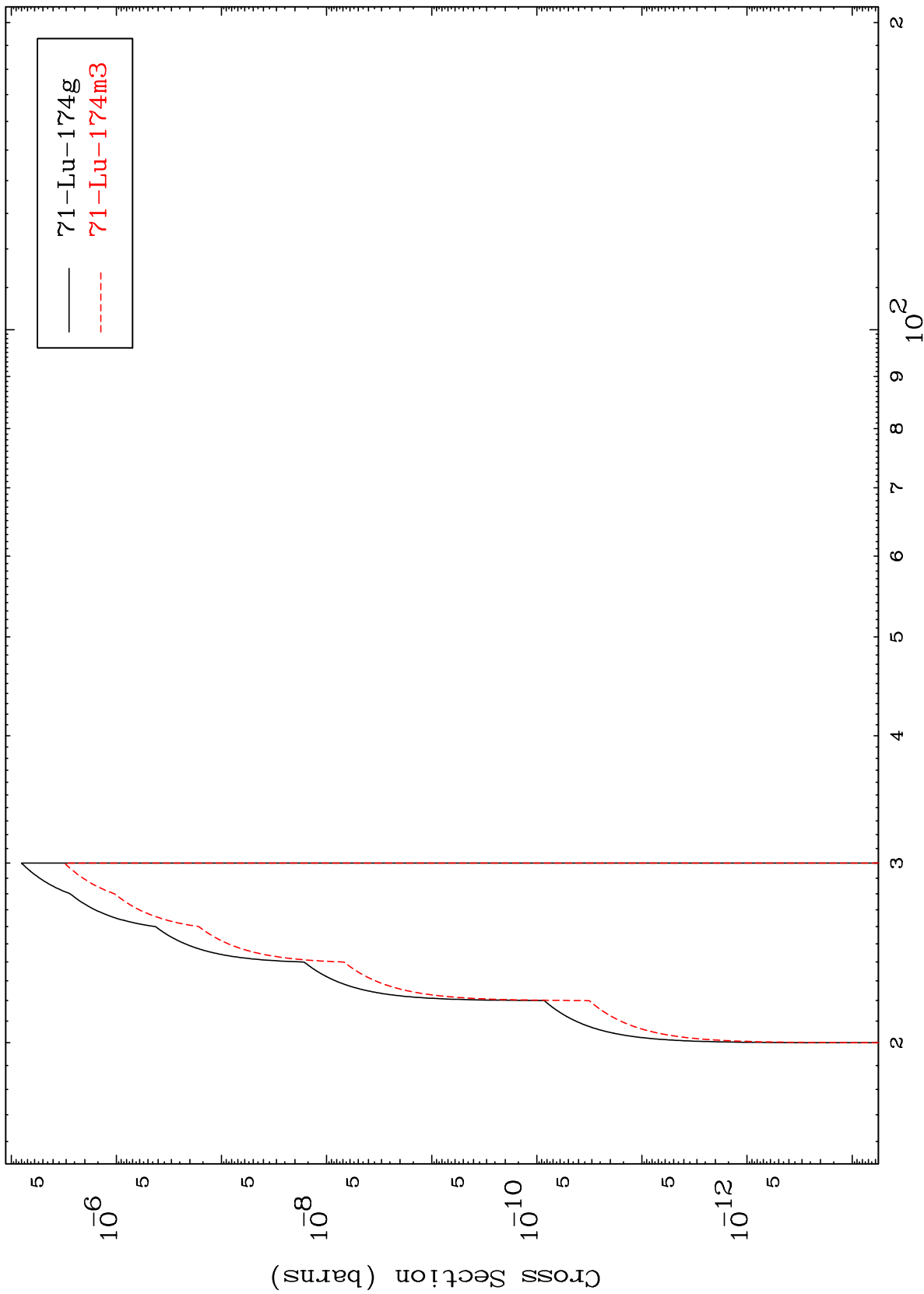


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(n,n') d

⁷²Hf-¹⁷⁷n

Radionuclide Production Cross Section



12

Incident Energy (MeV)

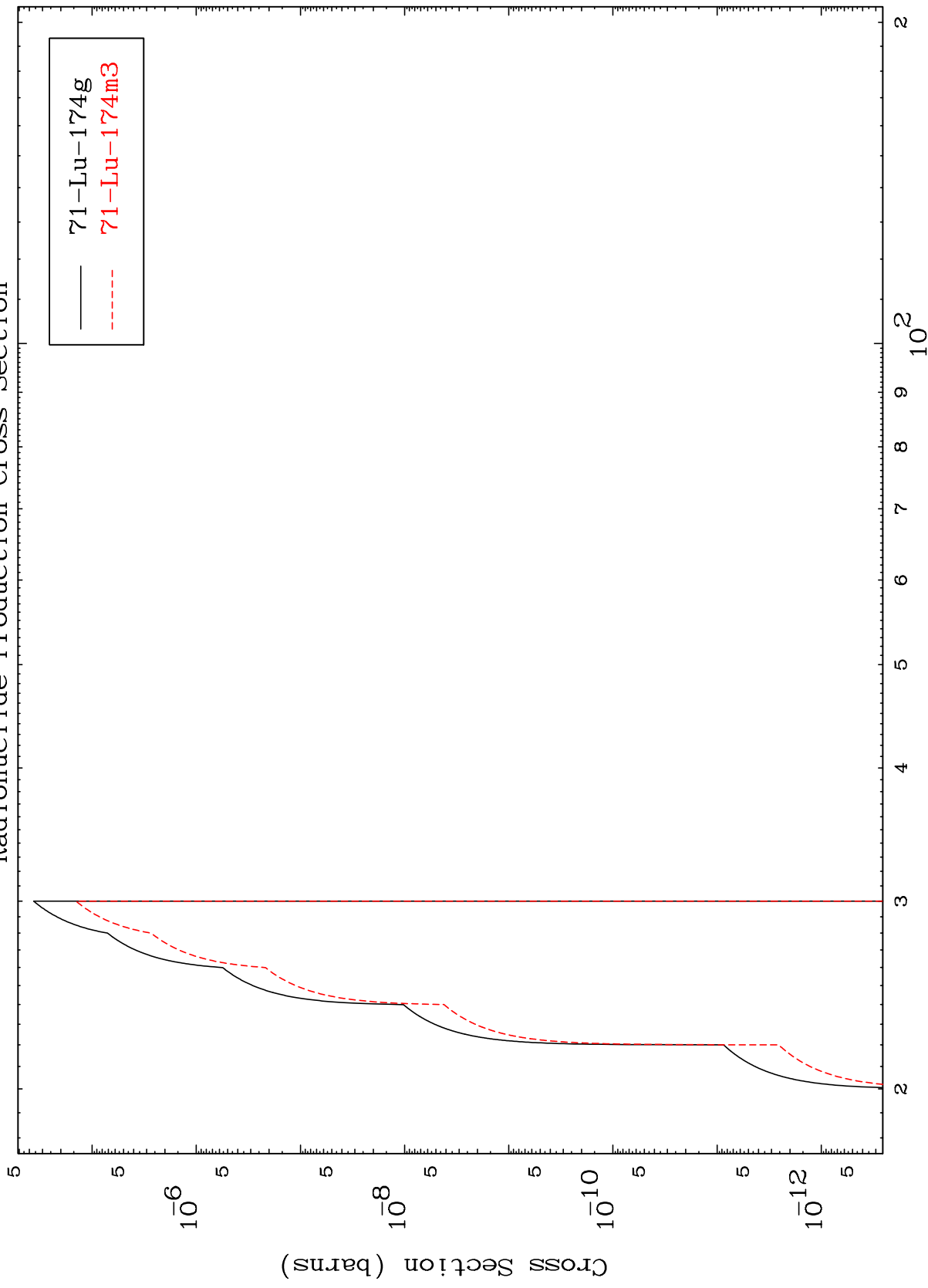
⁷²Hf-¹⁷⁷n

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(n,2n) p

⁷²Hf-177n

Radionuclide Production Cross Section



13

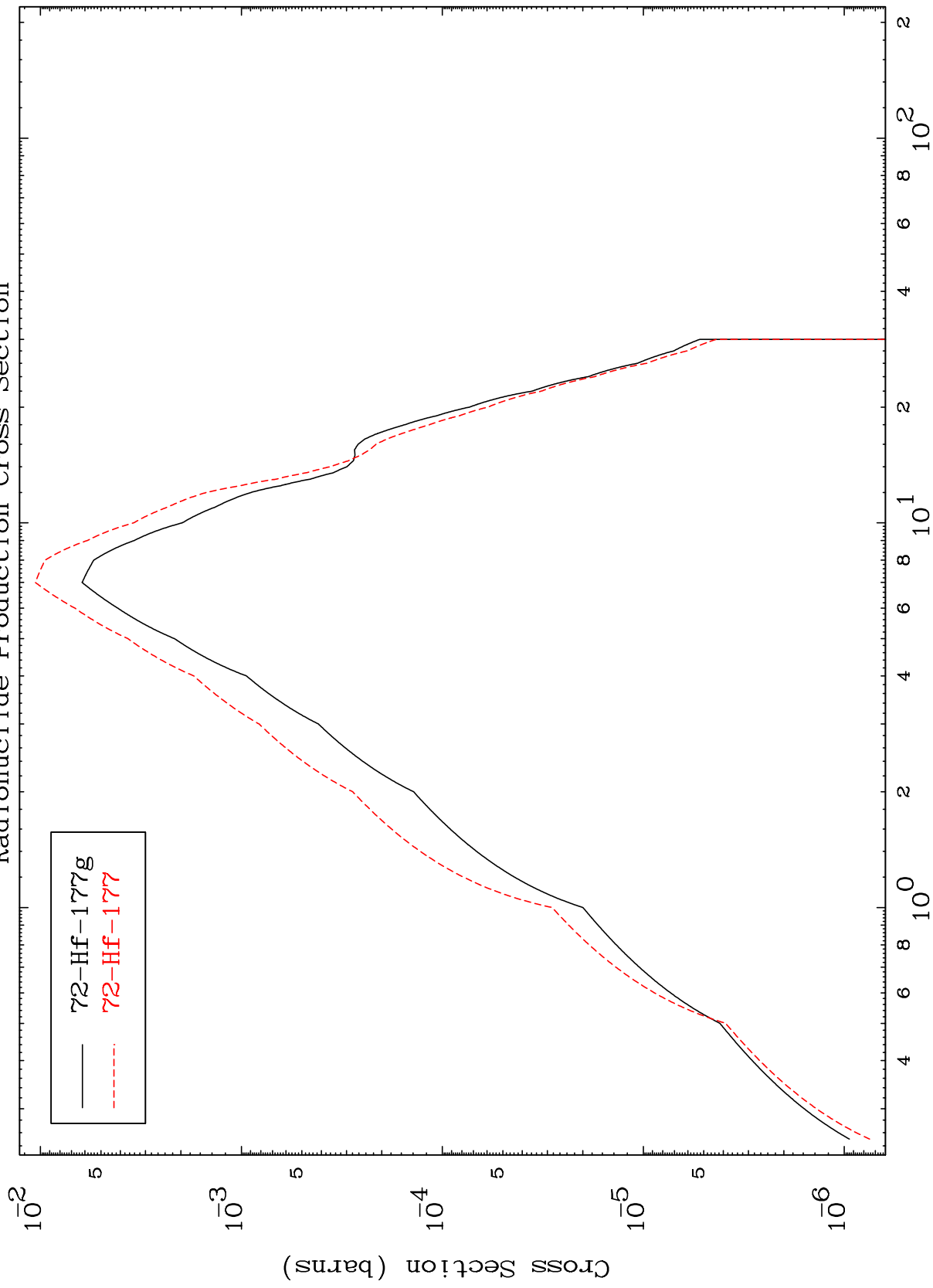
Incident Energy (MeV)

⁷²Hf-177n

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

Radionuclide Production Cross Section



14

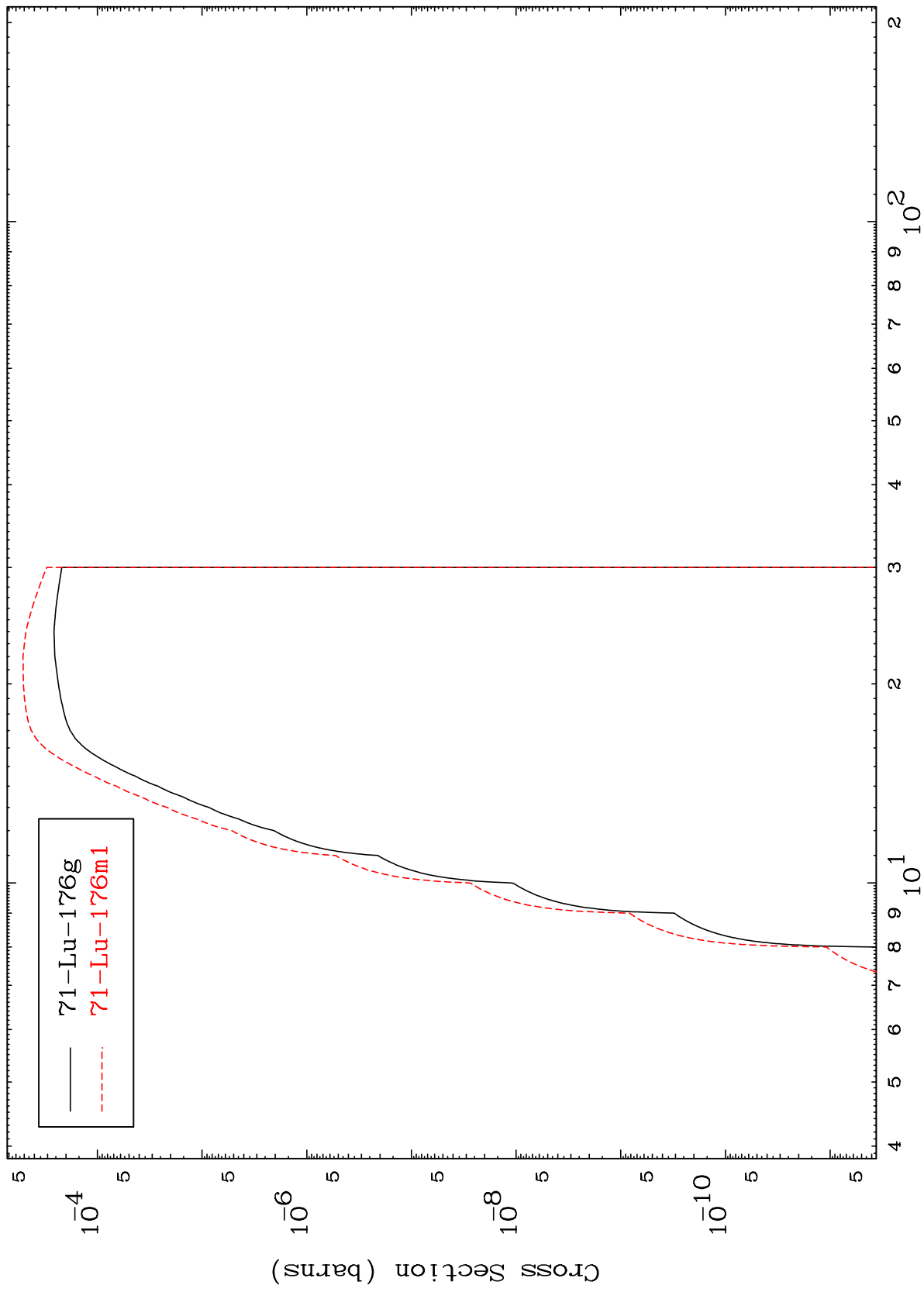
Incident Energy (MeV)

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

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

Radionuclide Production Cross Section (n,p)



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

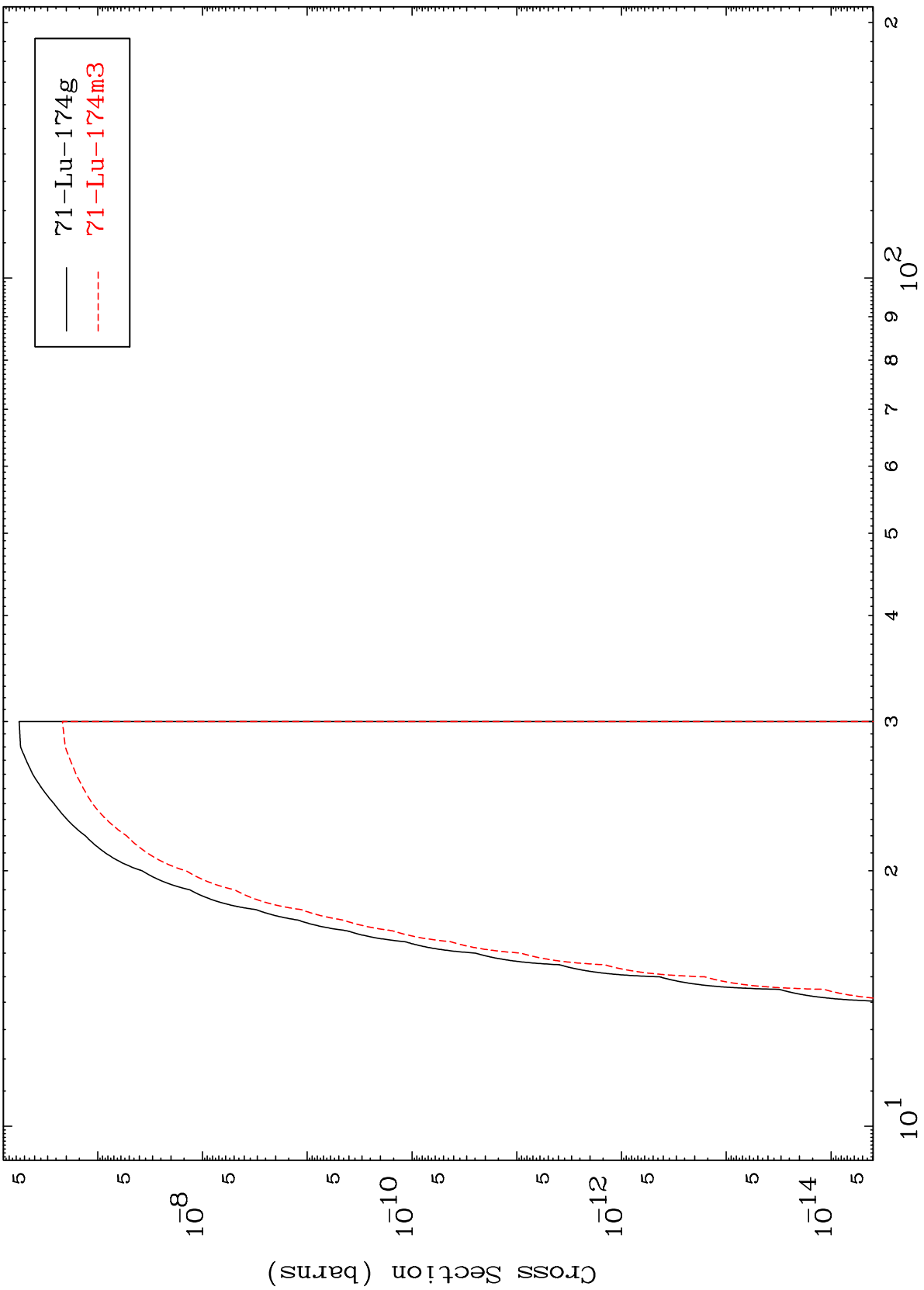
Incident Energy (MeV)

15

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⁷²Hf-¹⁷⁷n

(n, t)
Radionuclide Production Cross Section



Incident Energy (MeV)

⁷²Hf-¹⁷⁷n