

Program EVALPLOT
(Version 2021-1)

by

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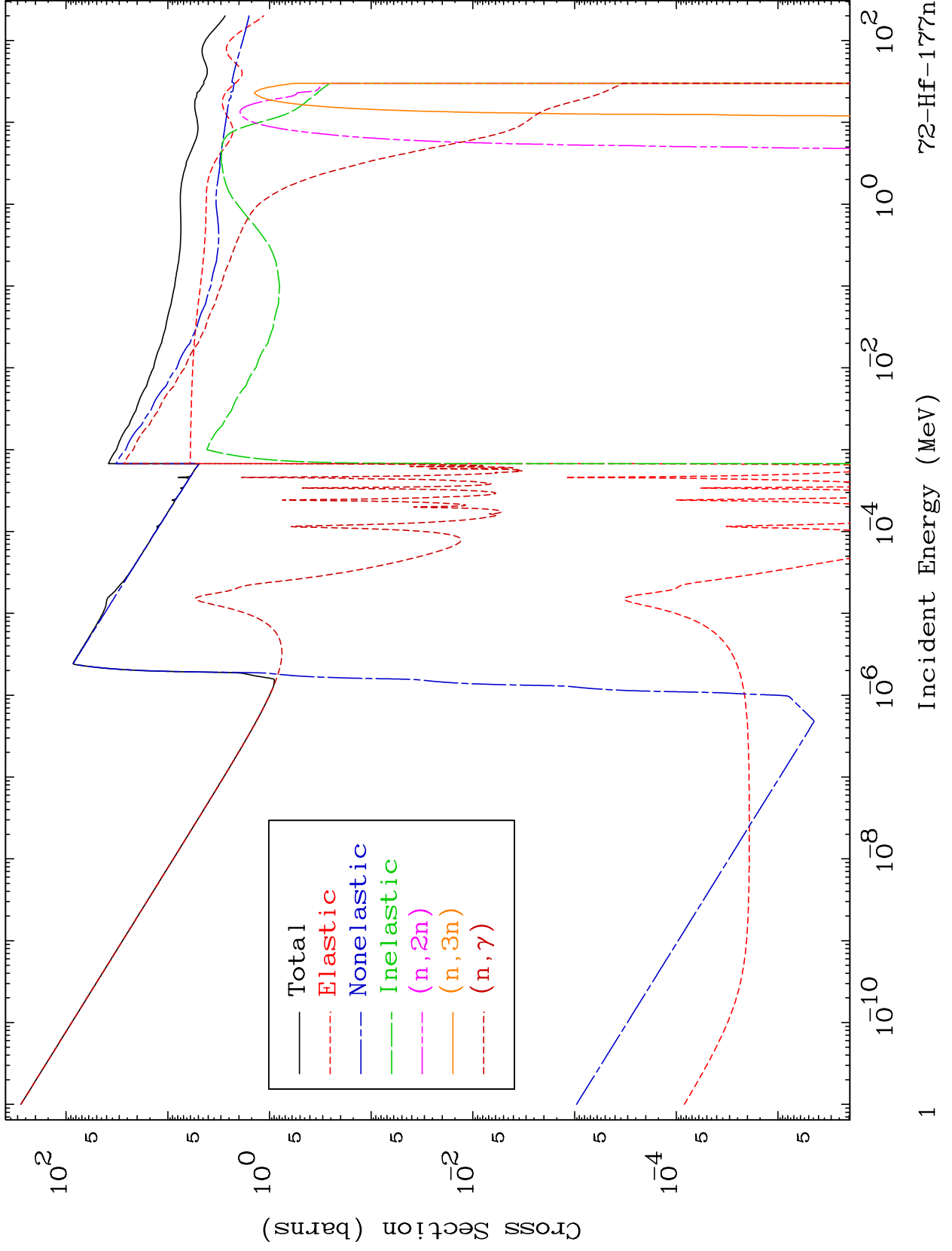
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7236

Neutron Major
293 Kelvin Cross Sections

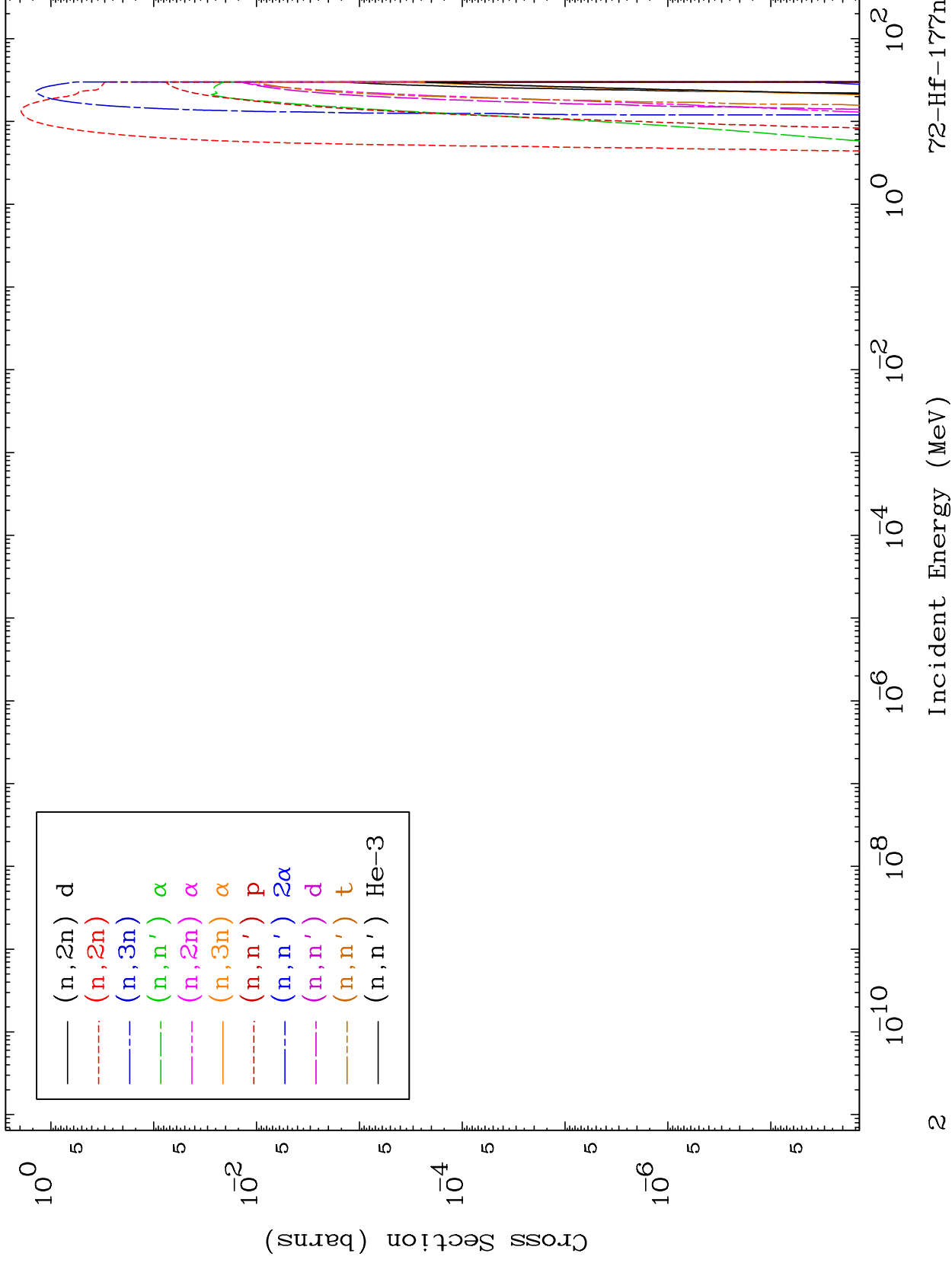
72-Hf-177n



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Neutron Absorption
293 Kelvin Cross Sections

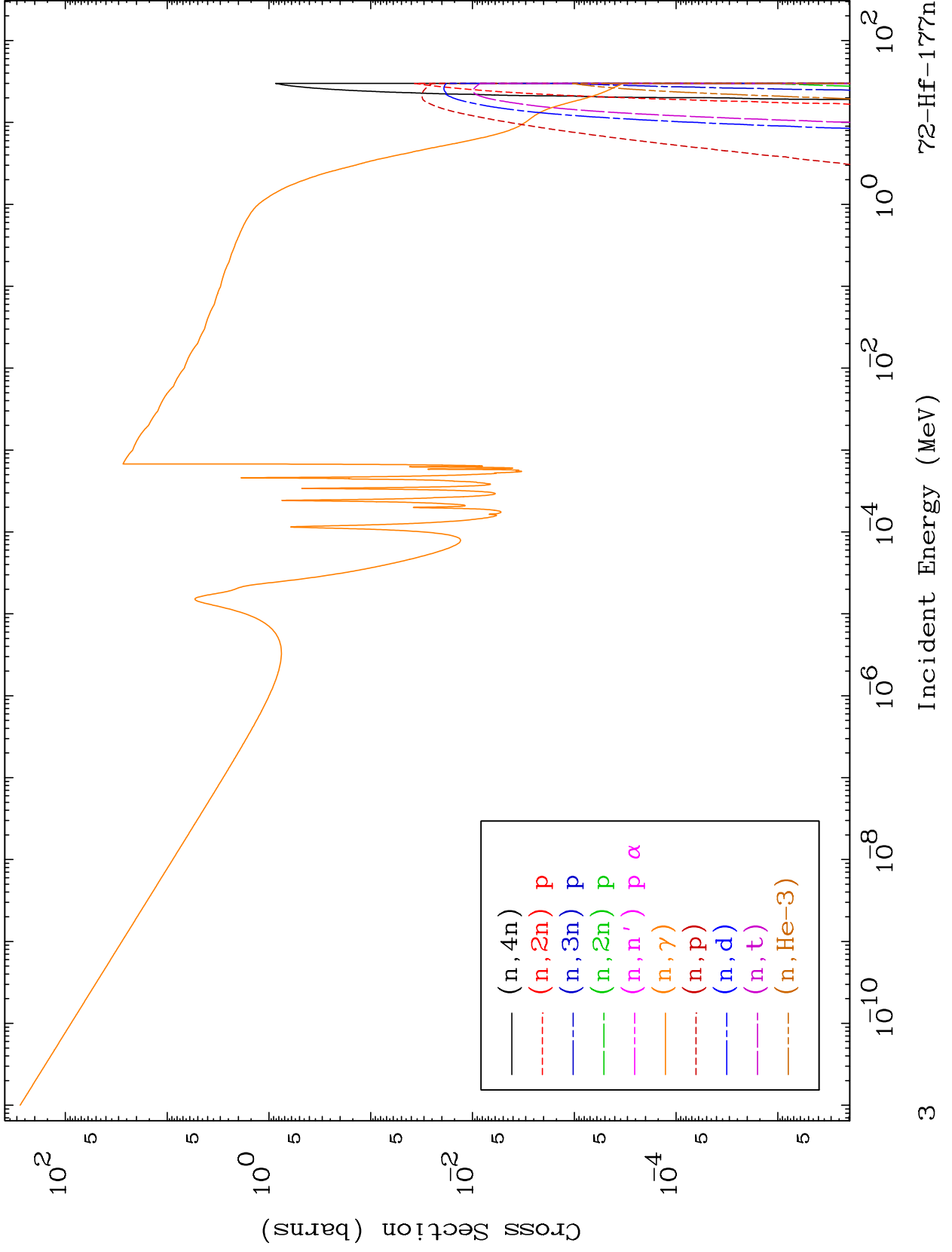
⁷²Hf-177n



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Neutron Absorption
293 Kelvin Cross Sections

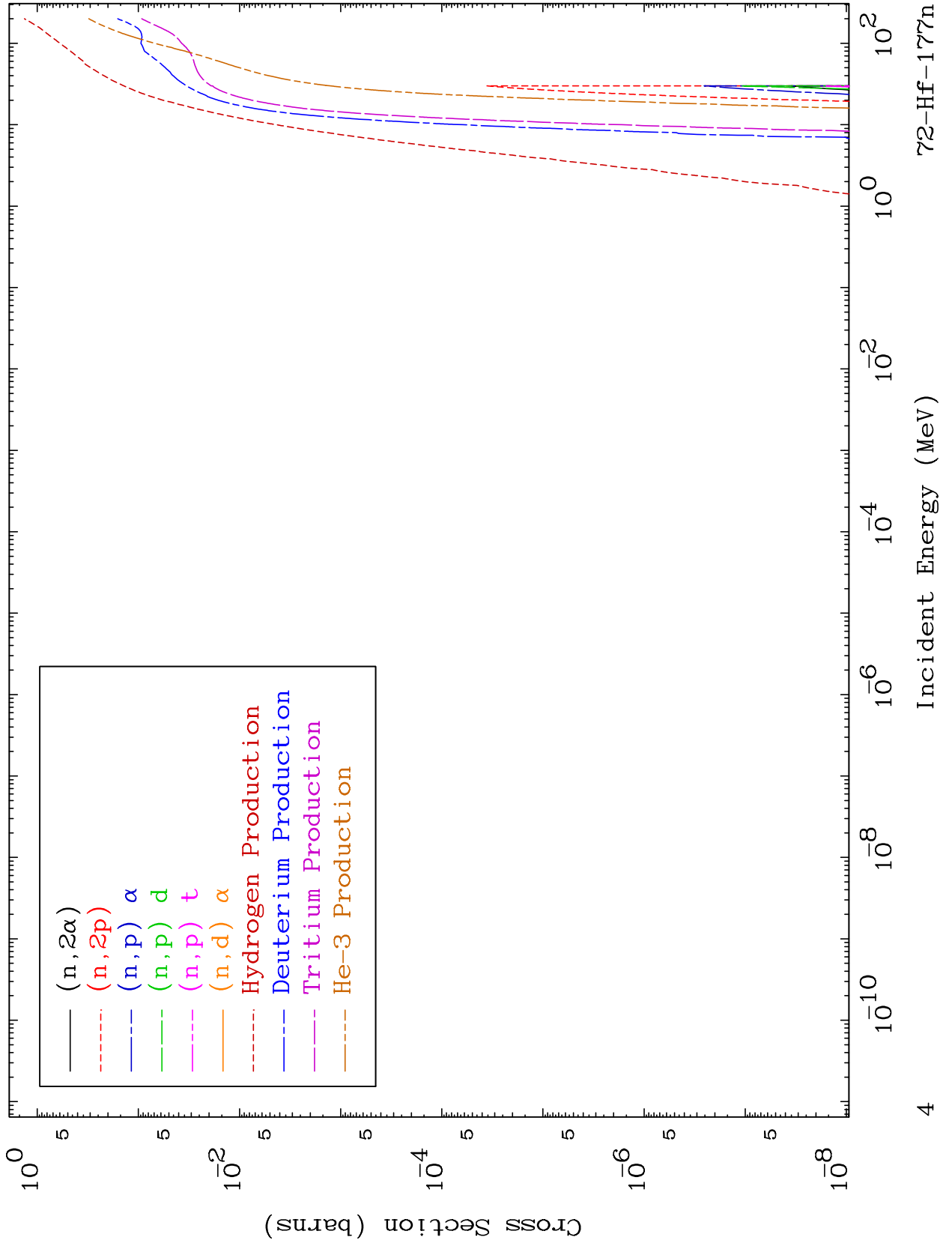
72-Hf-177n



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Neutron Absorption
293 Kelvin Cross Sections

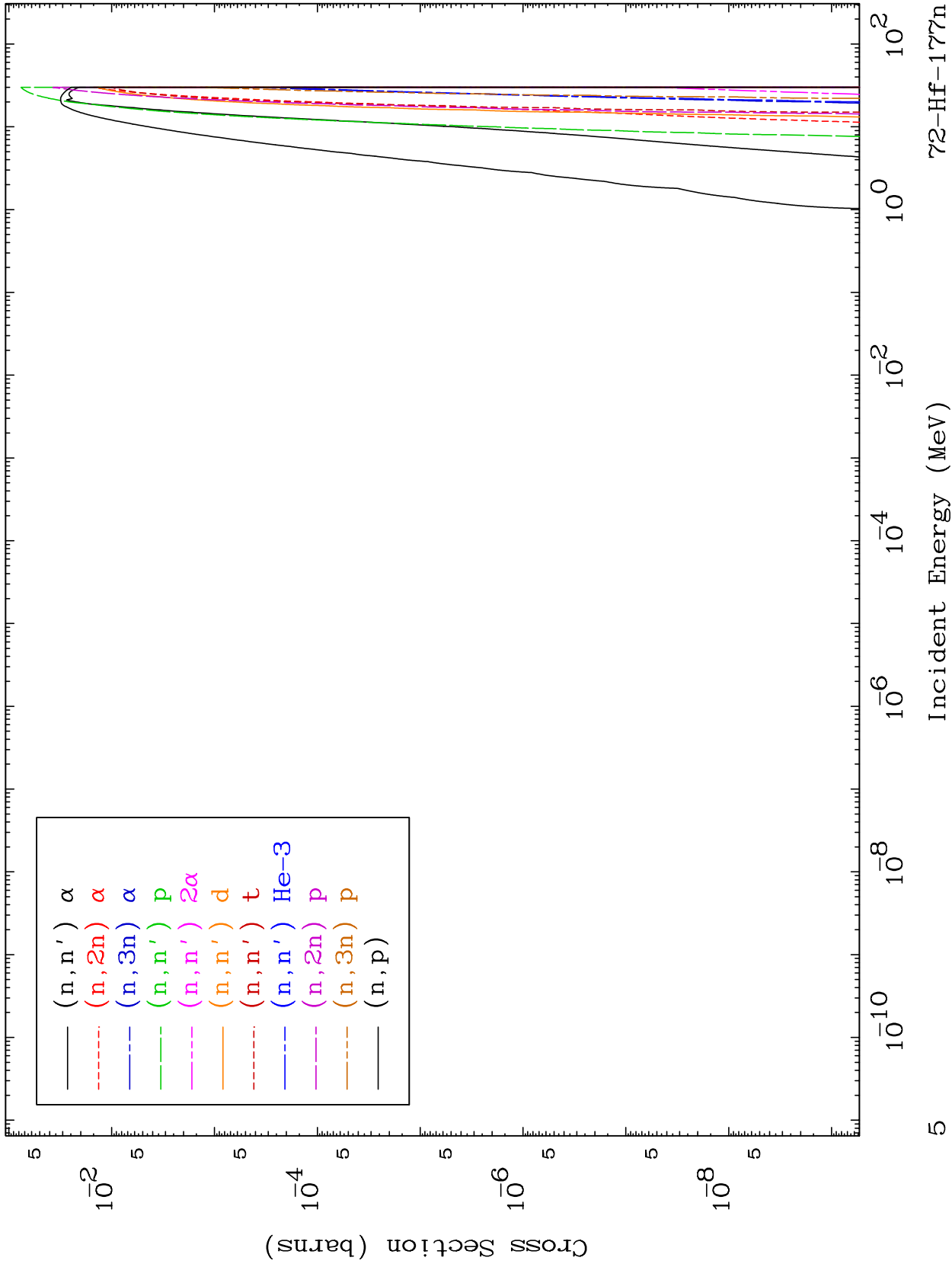
⁷²Hf-177n



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Charged Particle
293 Kelvin Cross Sections

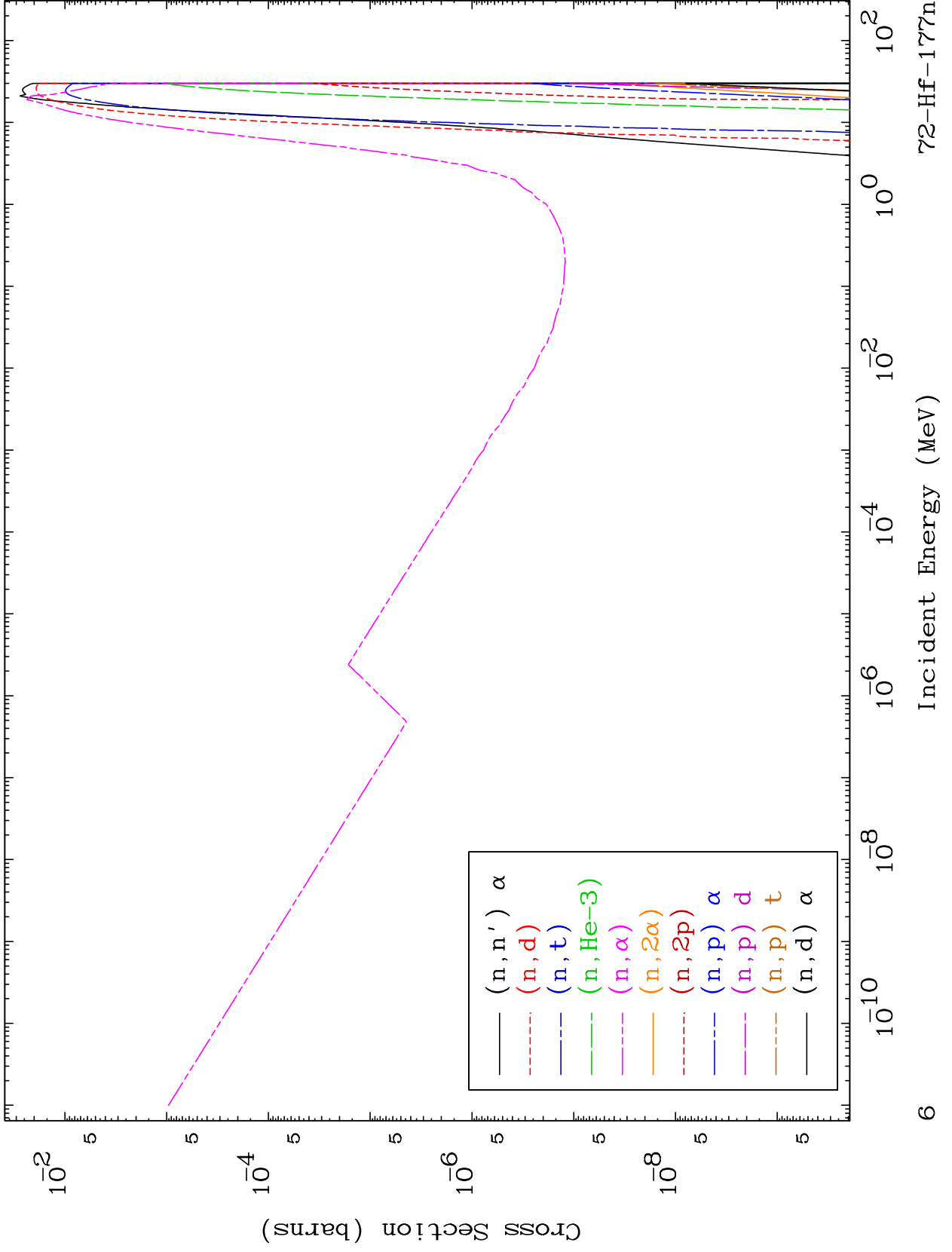
⁷²Hf-177n



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Charged Particle
293 Kelvin Cross Sections

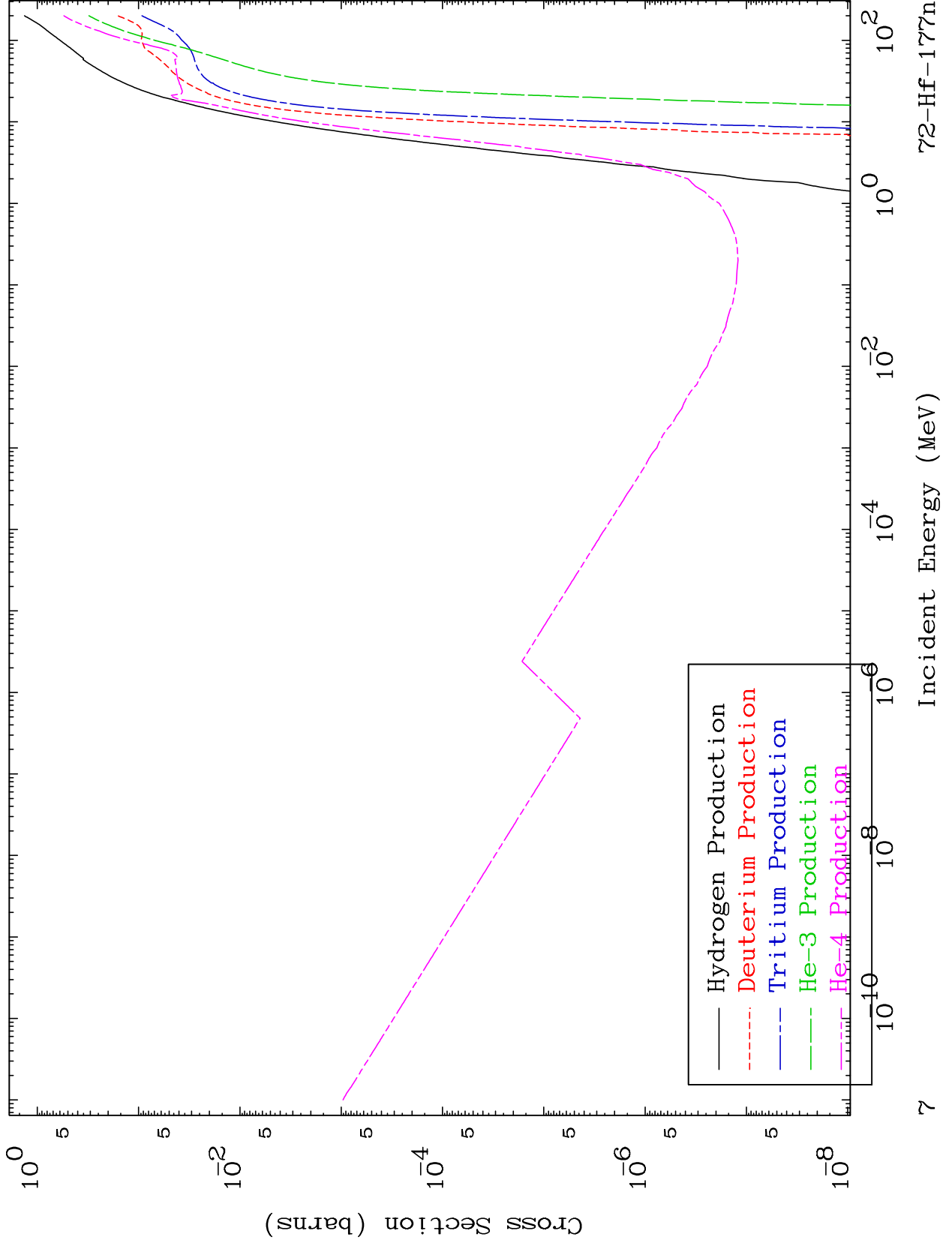
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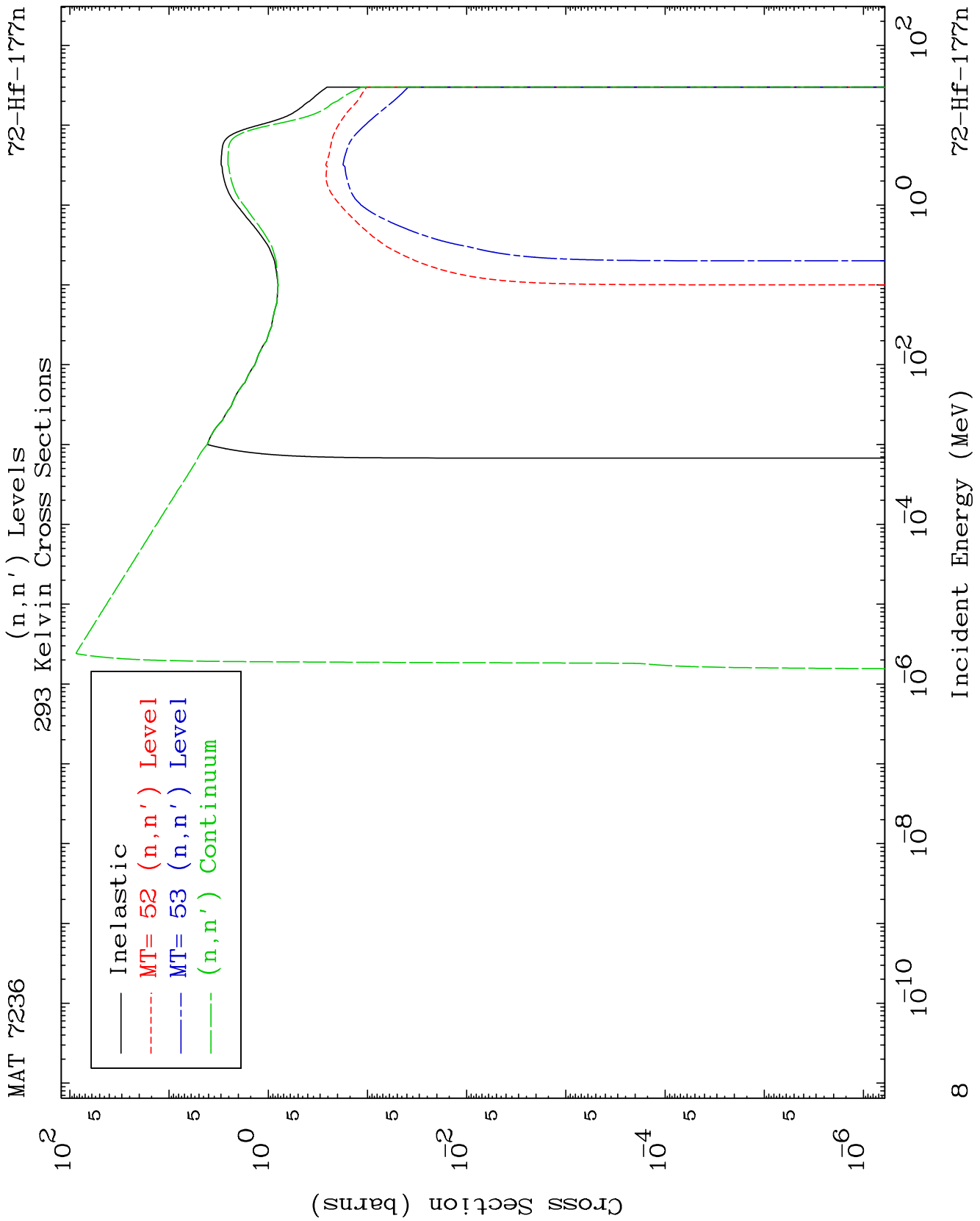


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Particle Production
293 Kelvin Cross Sections

⁷²Hf-177n

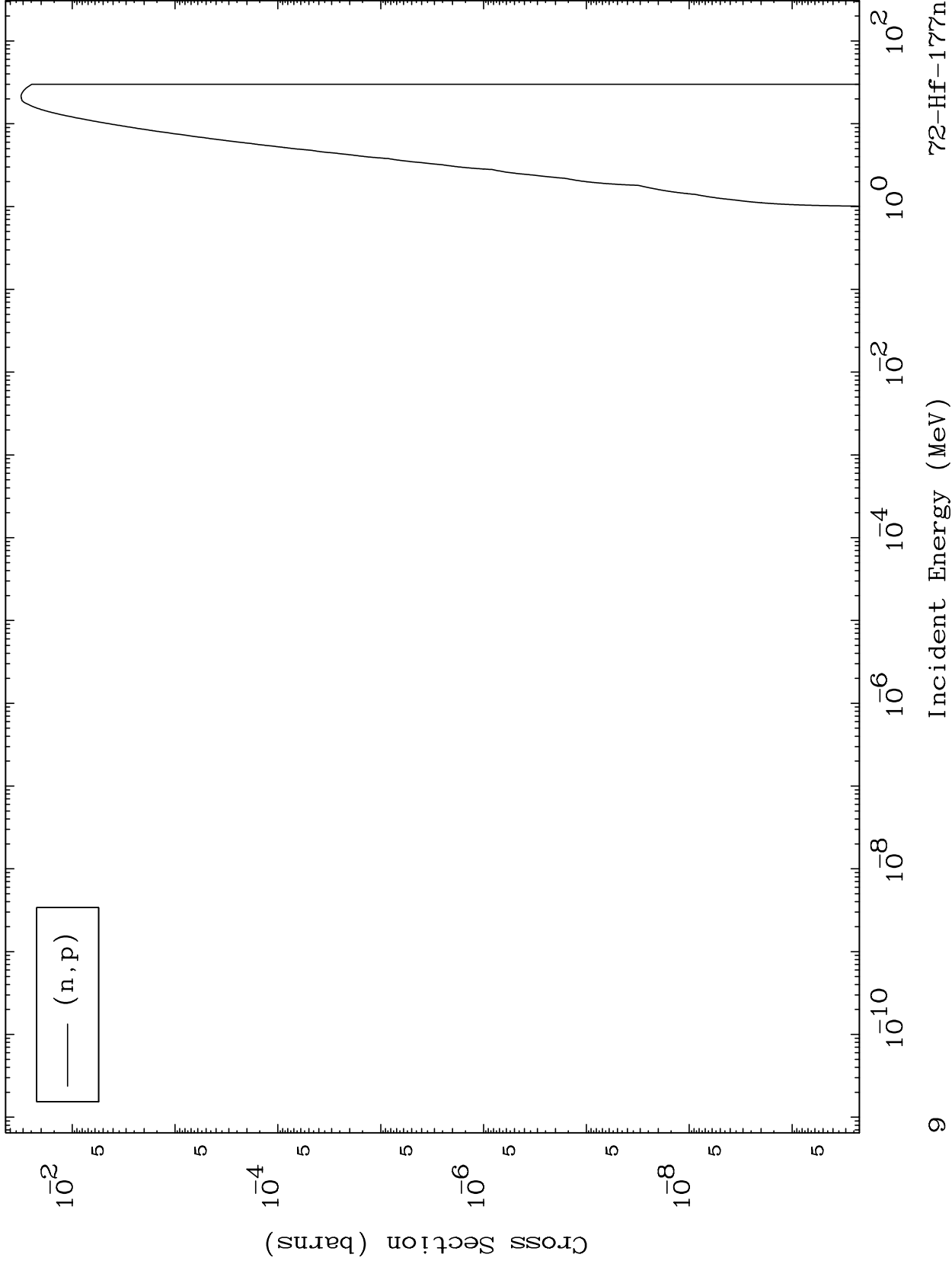




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(n,p) Levels
293 Kelvin Cross Sections

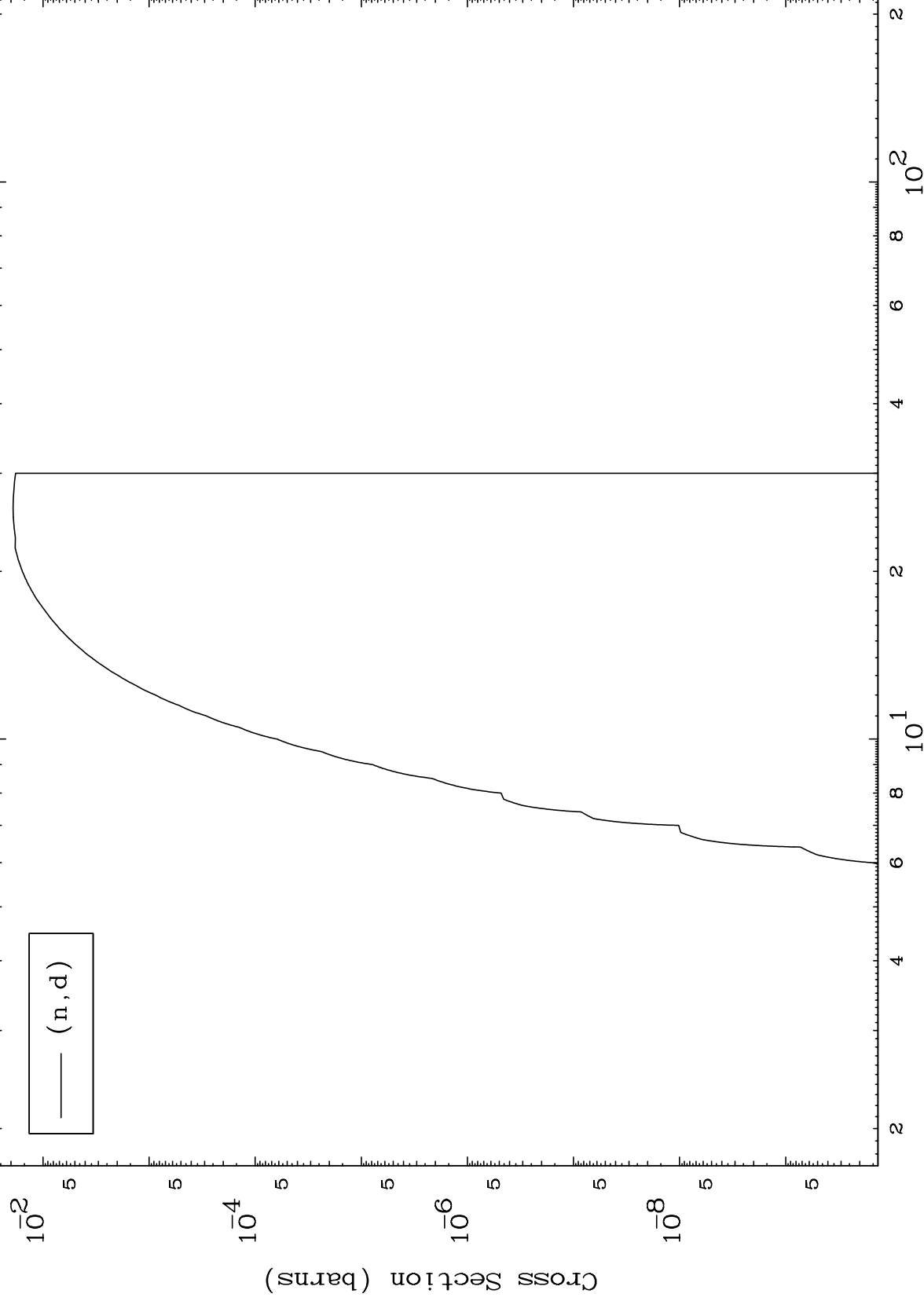
⁷²Hf-177n



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(n,d) Levels
293 Kelvin Cross Sections

⁷²Hf-177n



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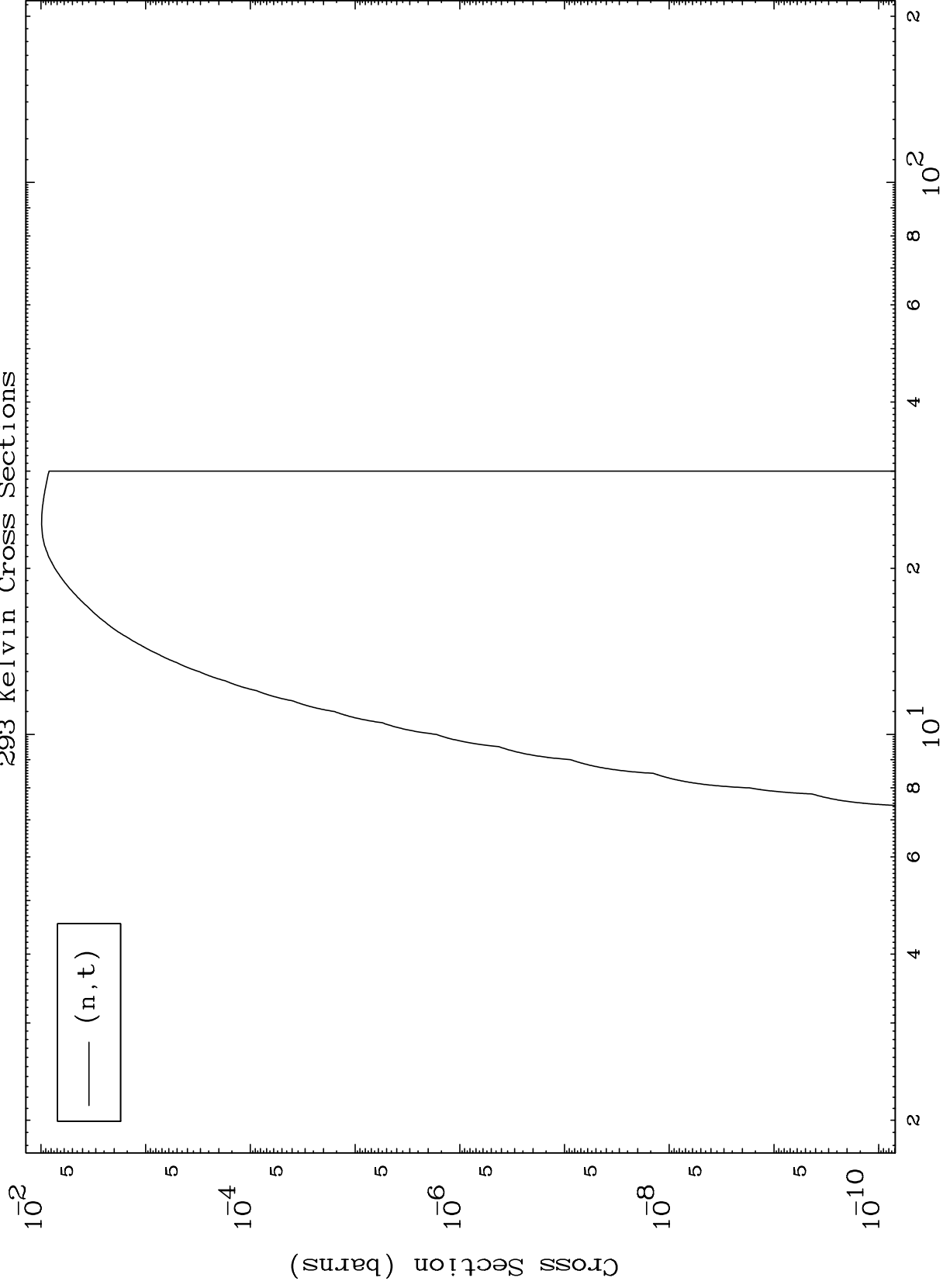
Incident Energy (MeV)

⁷²Hf-177n

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(n,t) Levels
293 Kelvin Cross Sections

⁷²Hf-177n



(n,t)

⁷²Hf-177n

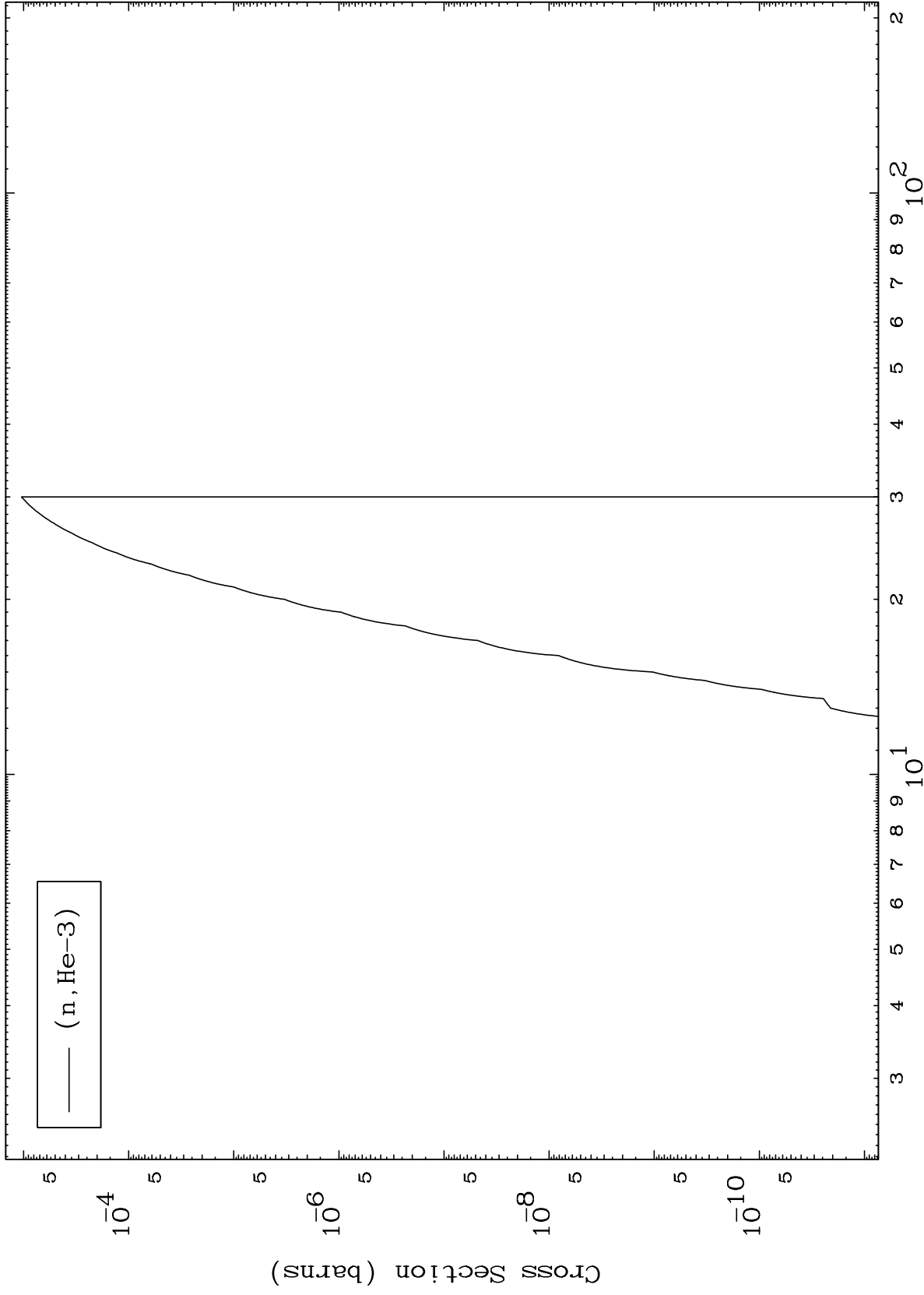
Incident Energy (MeV)

11

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(n,He3) Levels
293 Kelvin Cross Sections

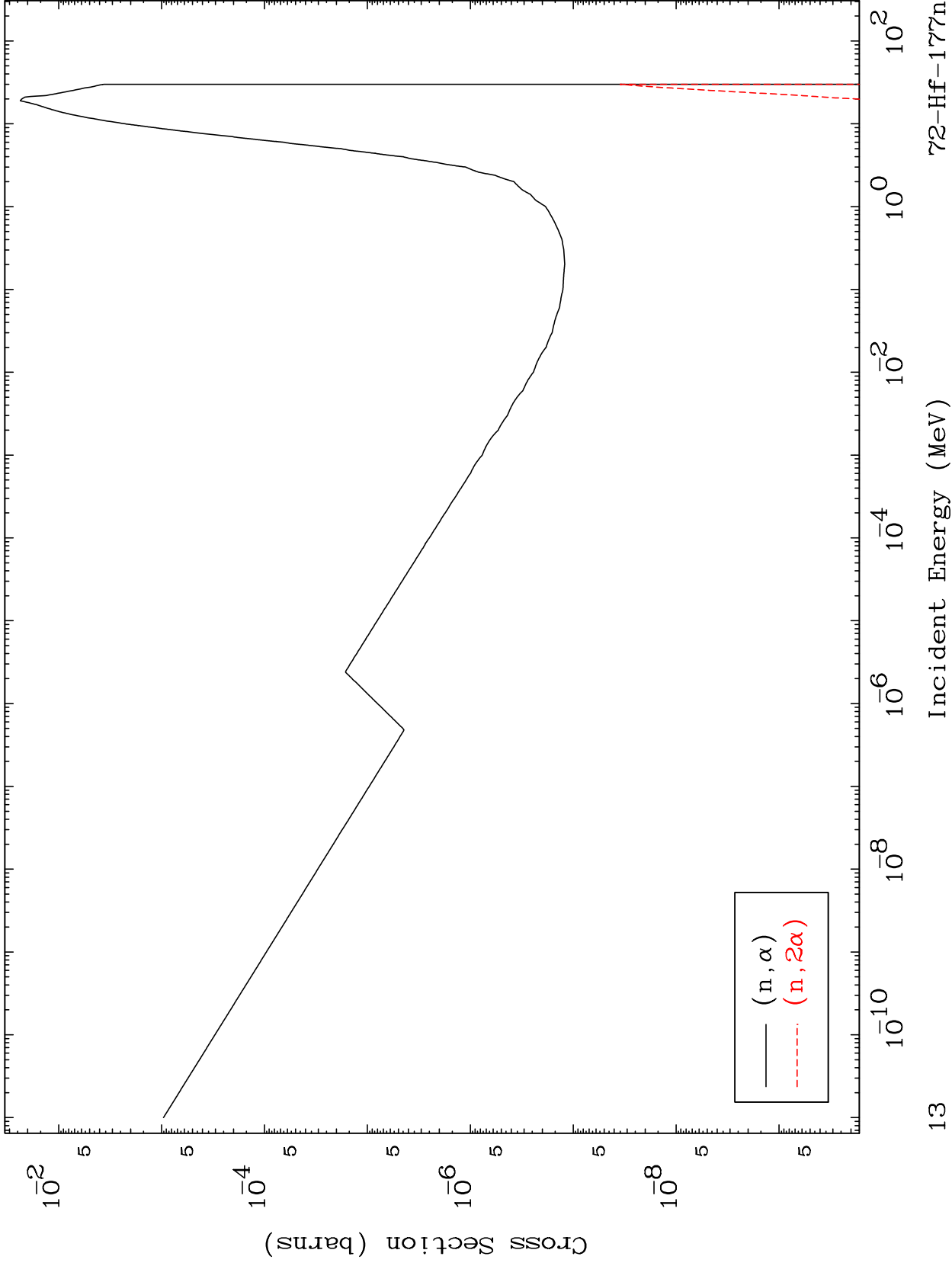
⁷²Hf-177n



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(n, α) Levels
293 Kelvin Cross Sections

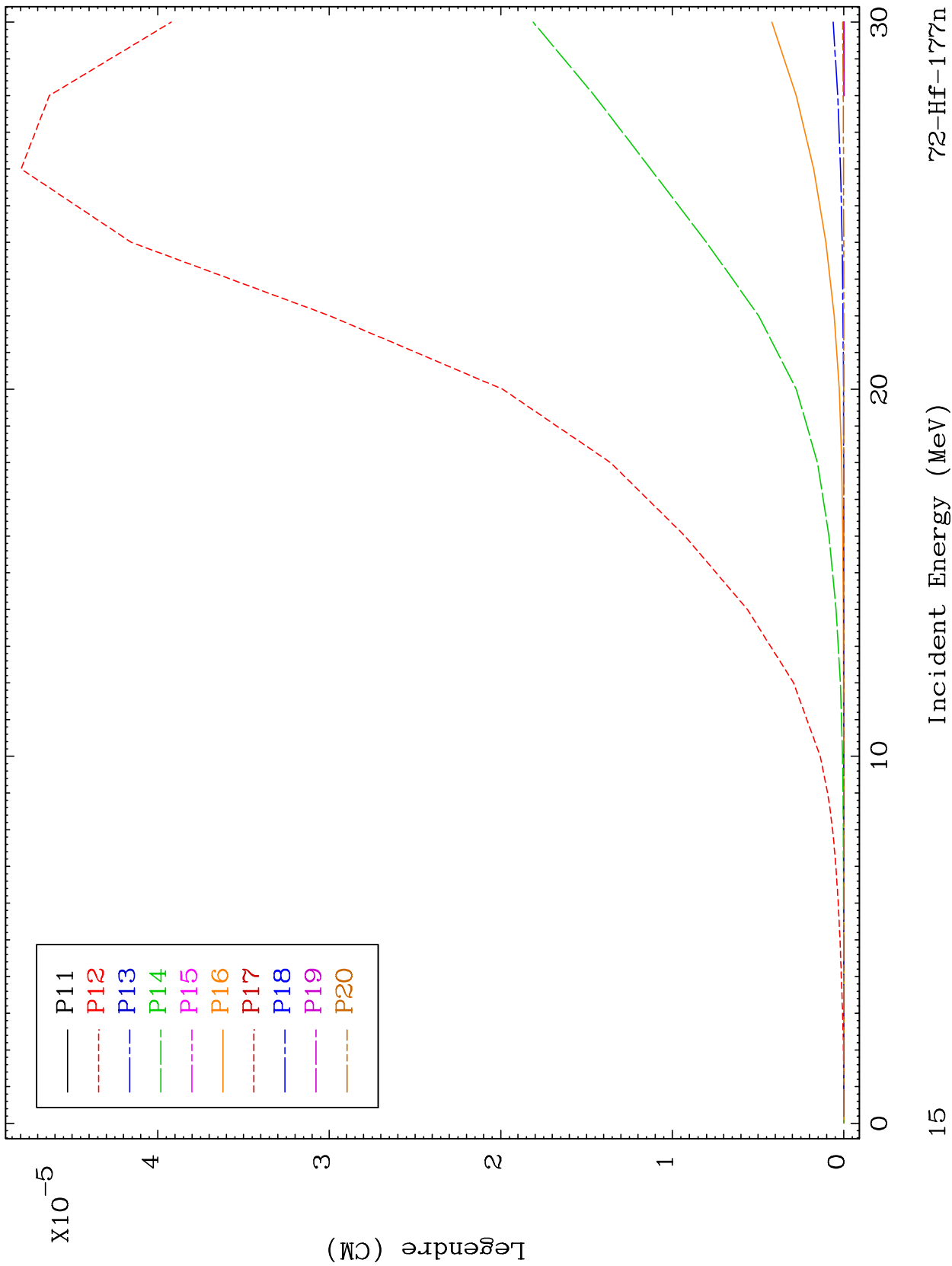
⁷²Hf-177n



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Elastic Legendre Coefficients

⁷²Hf-177n



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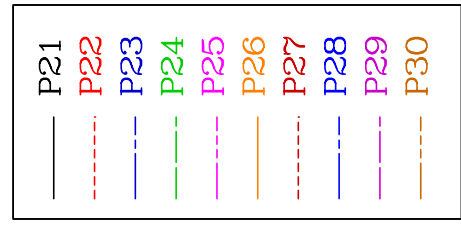
Incident Energy (MeV)

⁷²Hf-177n

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Elastic
Legendre Coefficients

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



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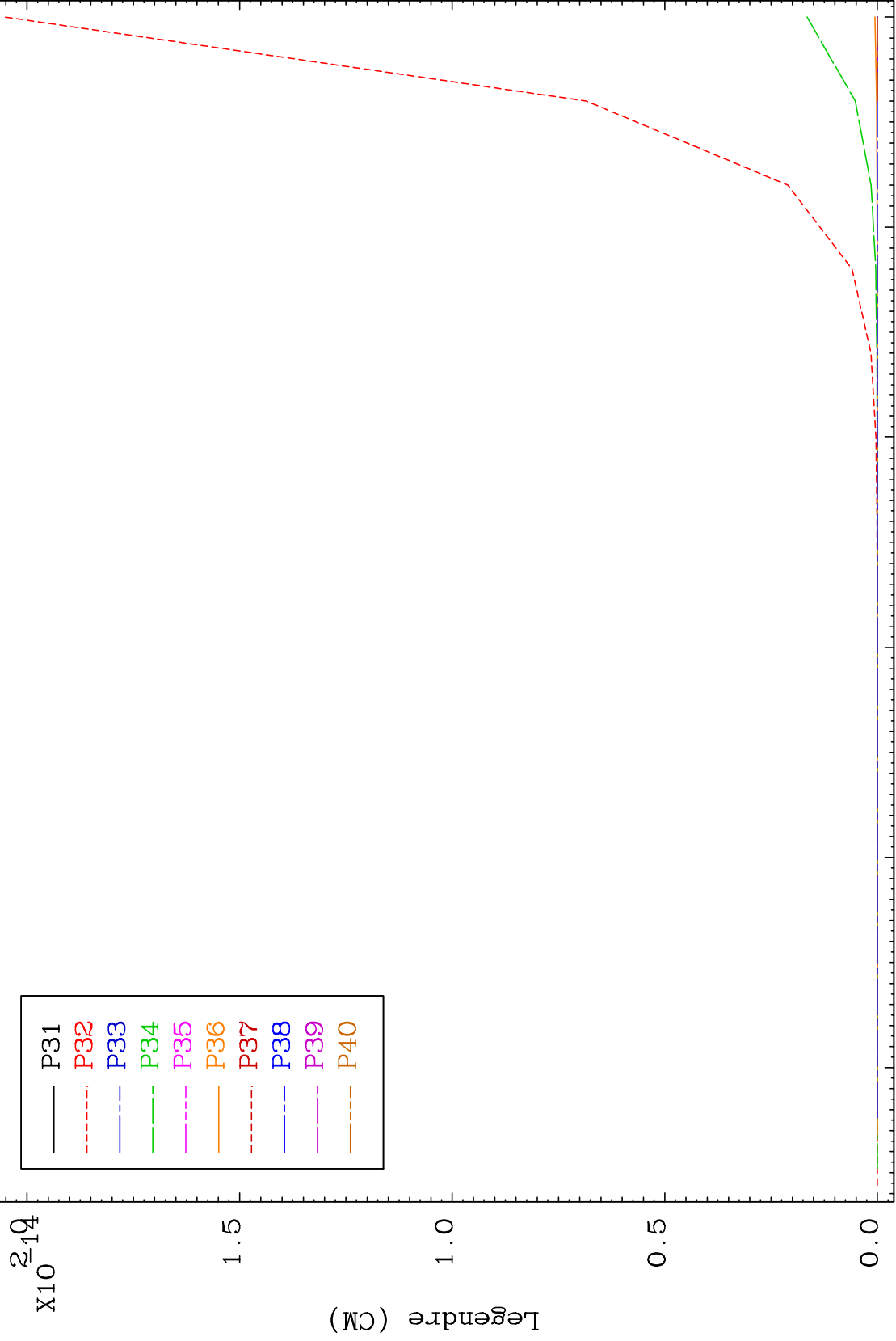
Incident Energy (MeV)

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

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Elastic
Legendre Coefficients

⁷²Hf-177n



17

Incident Energy (MeV)

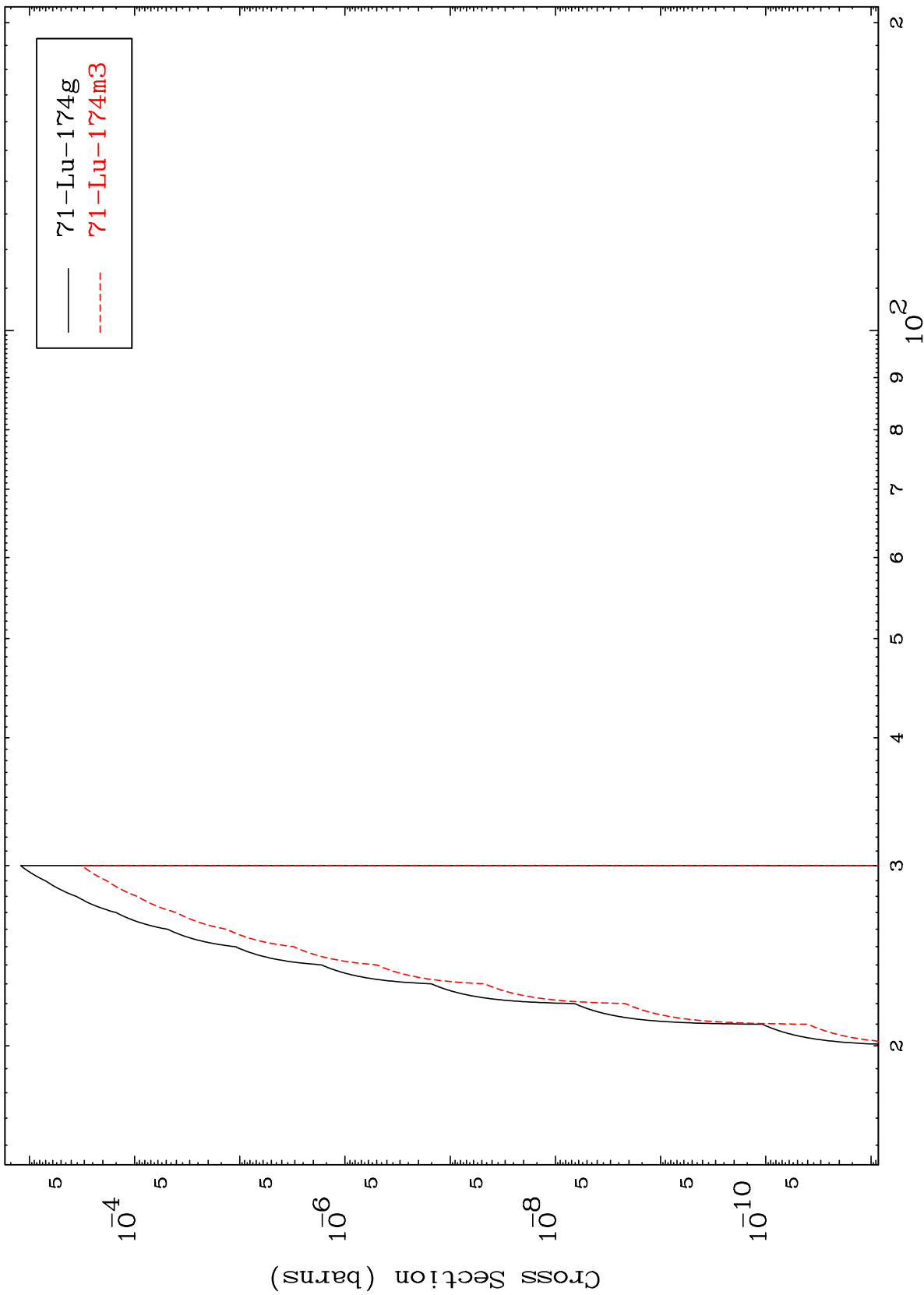
⁷²Hf-177n

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(n,2n) d

⁷²Hf-177n

Radionuclide Production Cross Section



71-Lu-174g
71-Lu-174m3

18

Incident Energy (MeV)

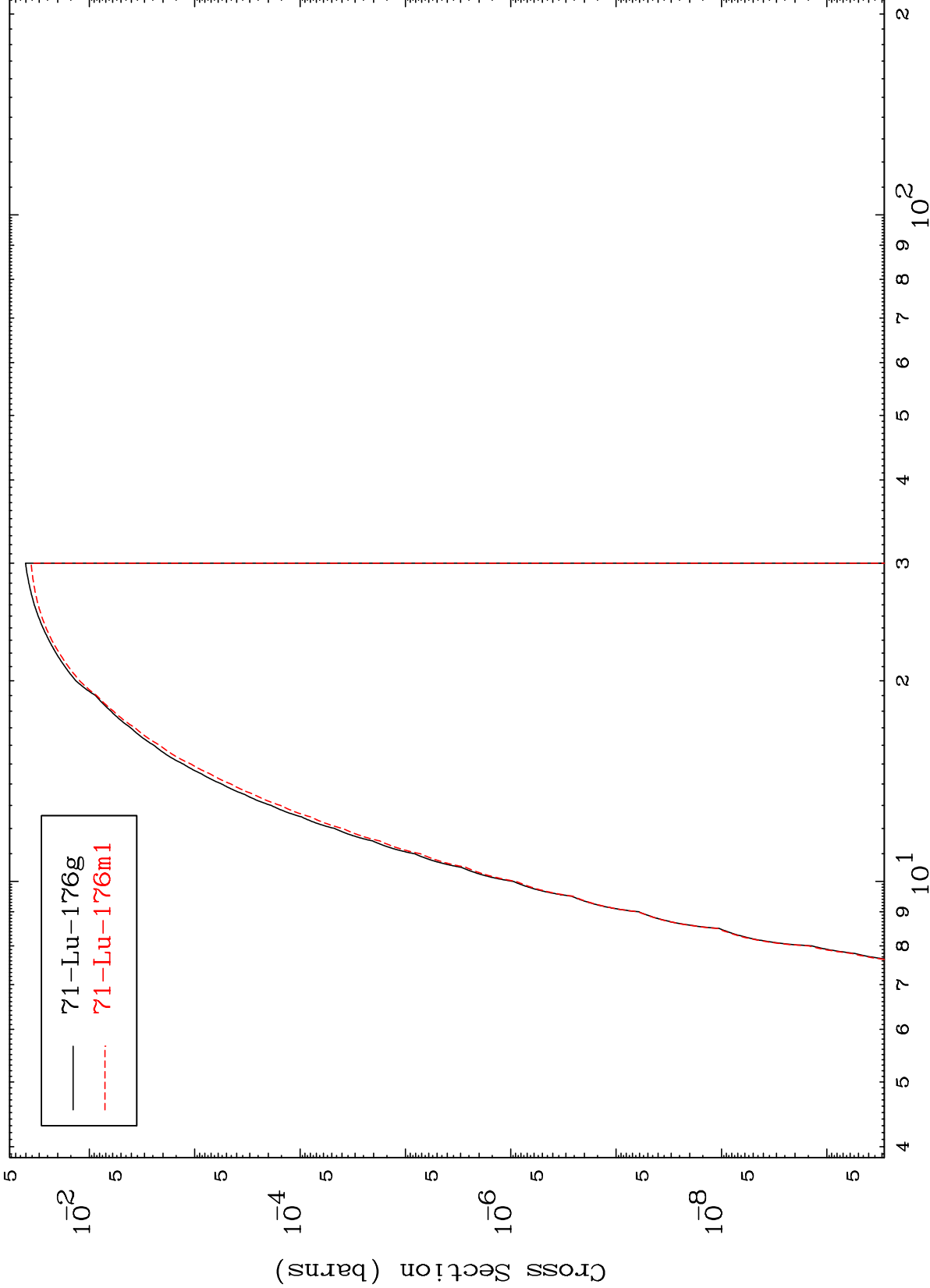
⁷²Hf-177n

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(n,n') p

⁷²Hf-177n

Radionuclide Production Cross Section



— 71-Lu-176g
- - - 71-Lu-176m1

Incident Energy (MeV)

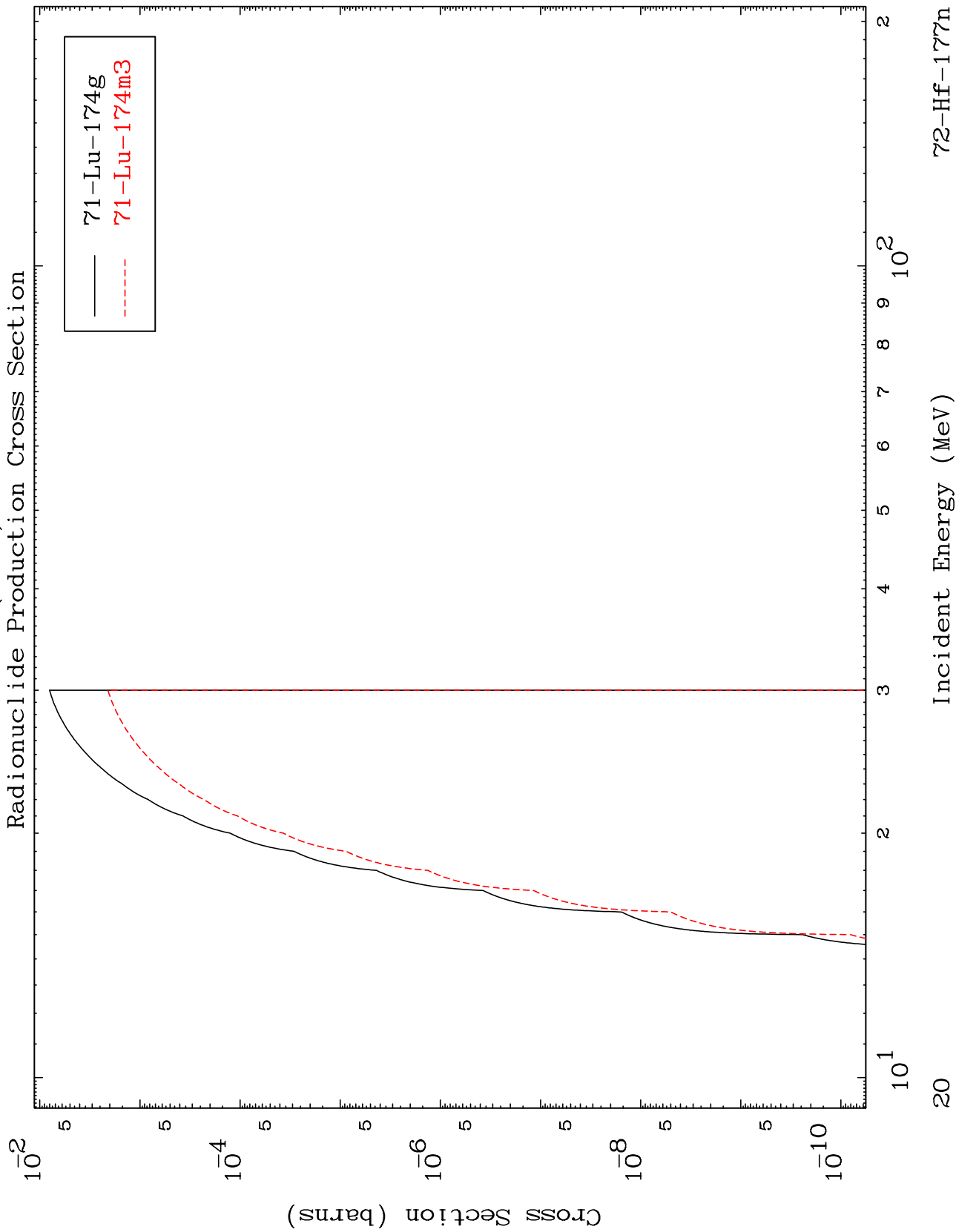
⁷²Hf-177n

19

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(n,n') t

⁷²Hf-¹⁷⁷n

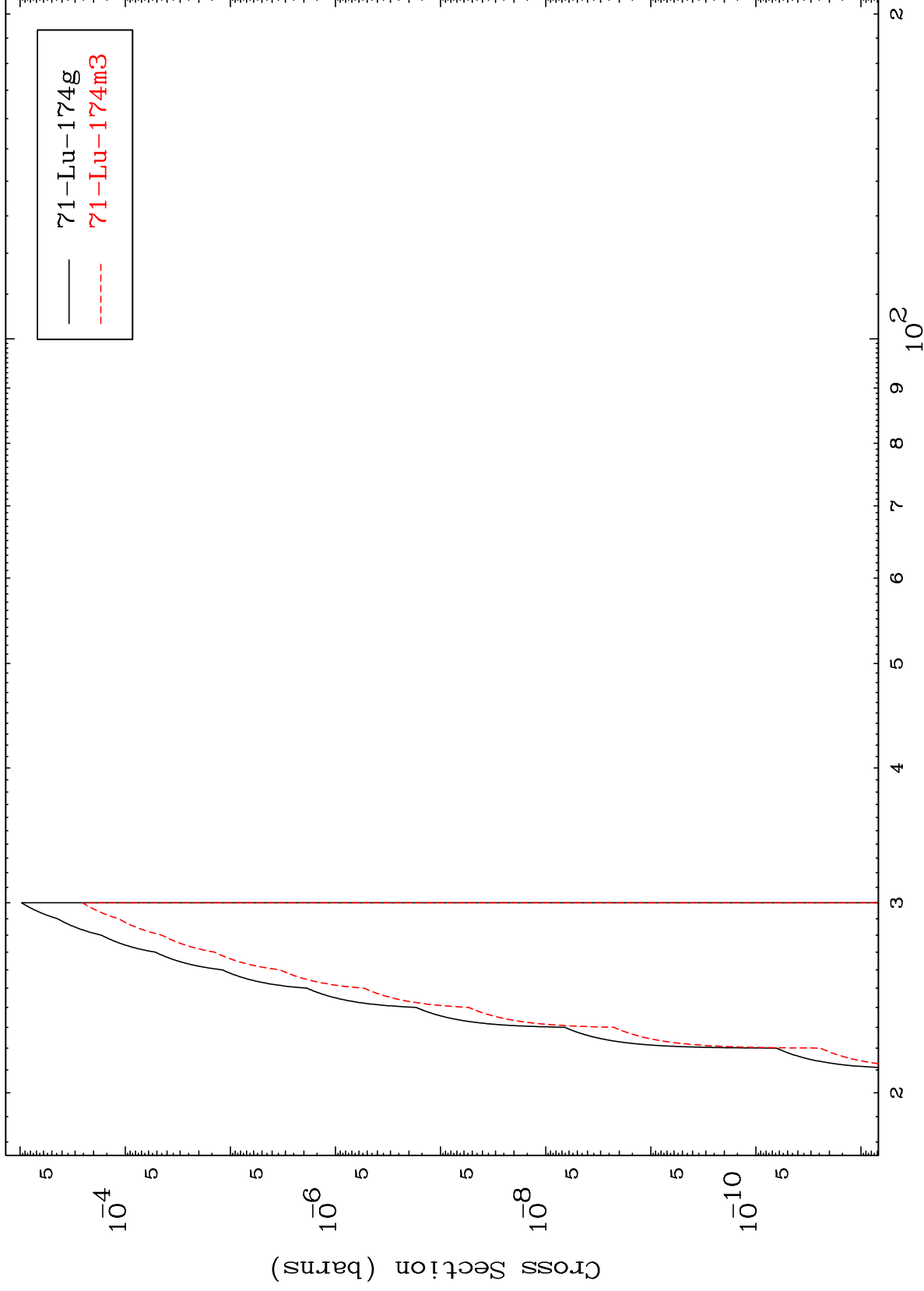


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(n,3n) p

⁷²Hf-177n

Radionuclide Production Cross Section

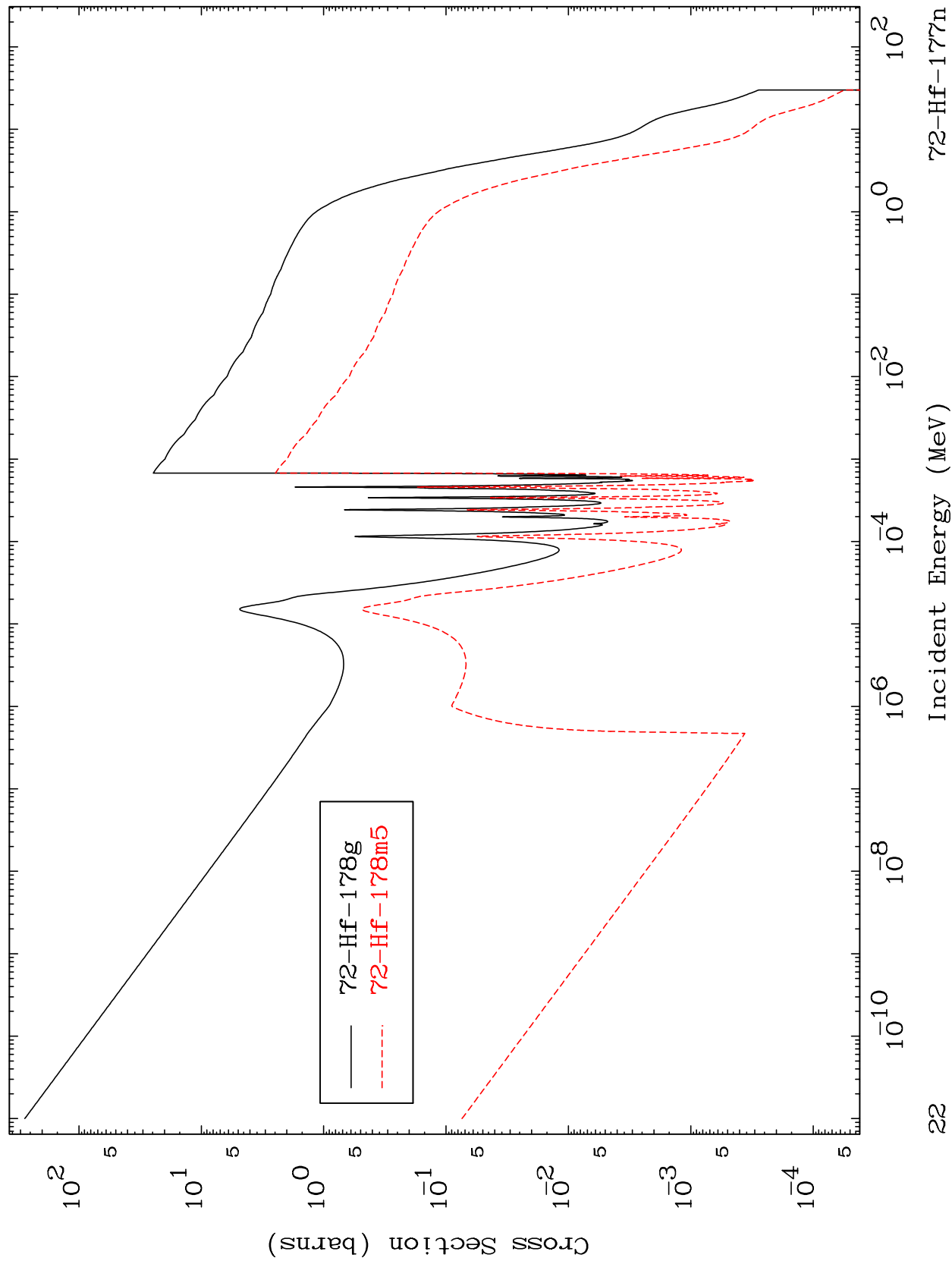


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(n, γ)

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

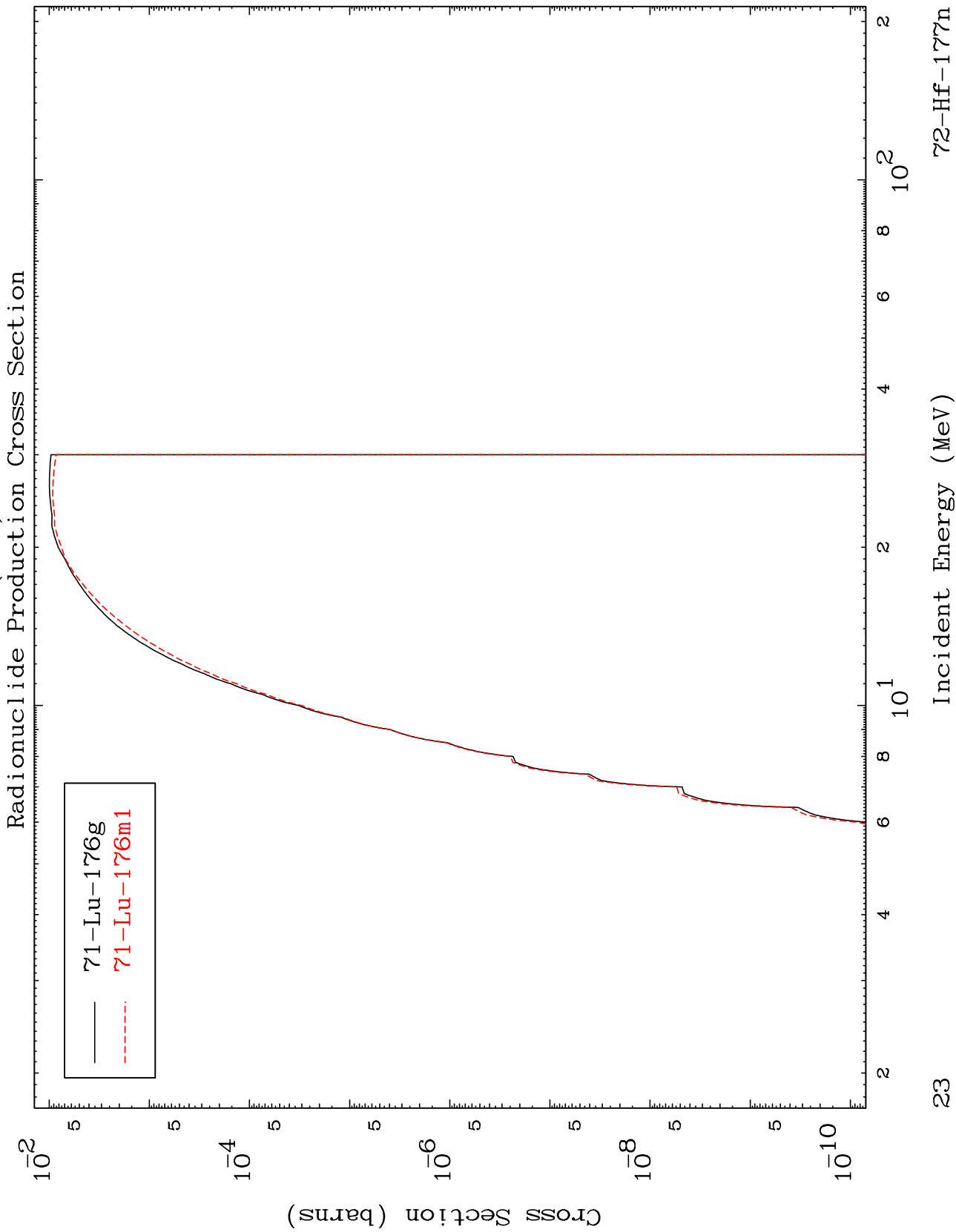
Radionuclide Production Cross Section



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(n,d)

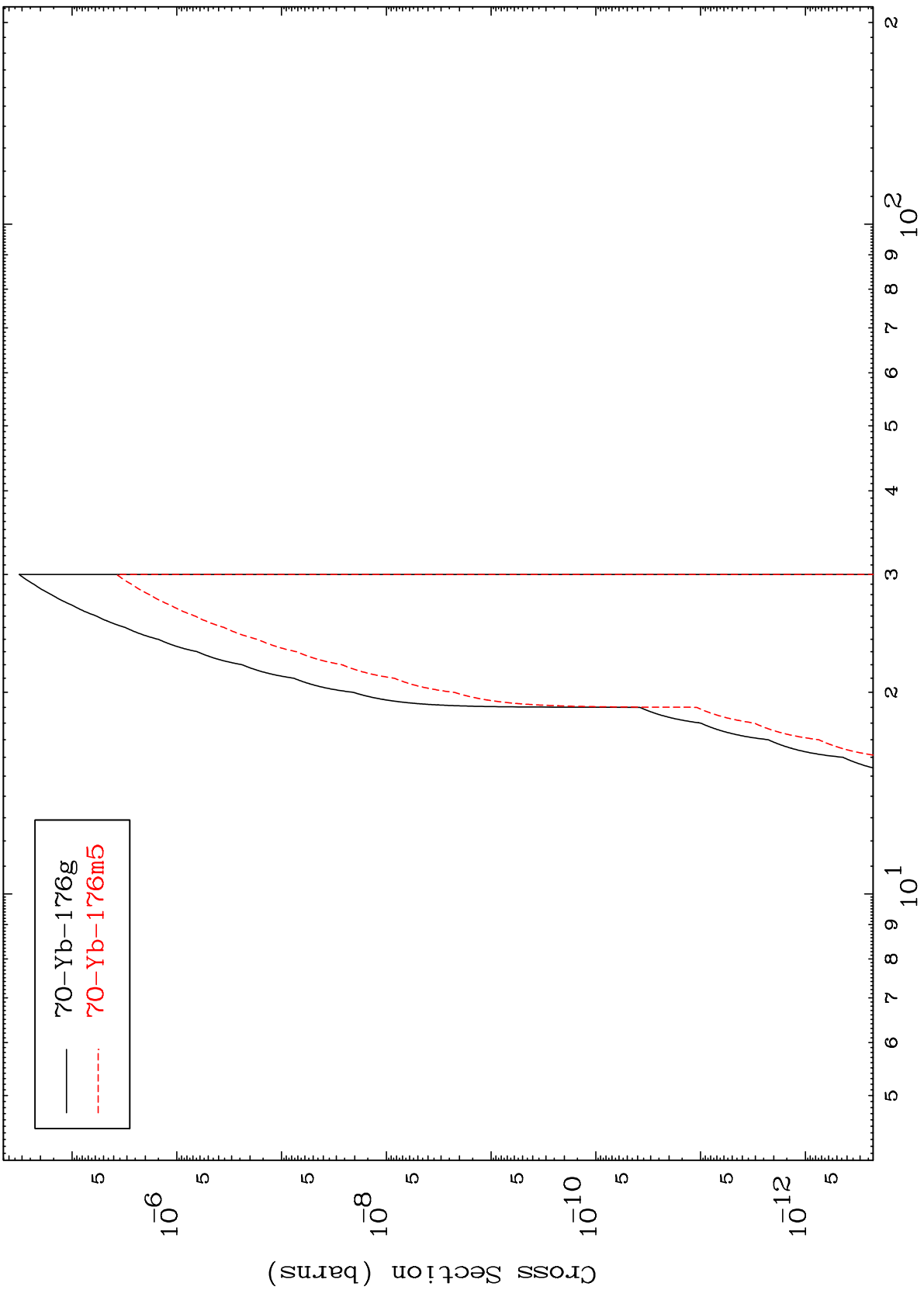
⁷²Hf-¹⁷⁷n



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⁷²Hf-177n

Radionuclide Production Cross Section (n,2p)



— ⁷⁰Yb-176g
- - - ⁷⁰Yb-176m5