

Program EVALPLOT
(Version 2021-1)

by

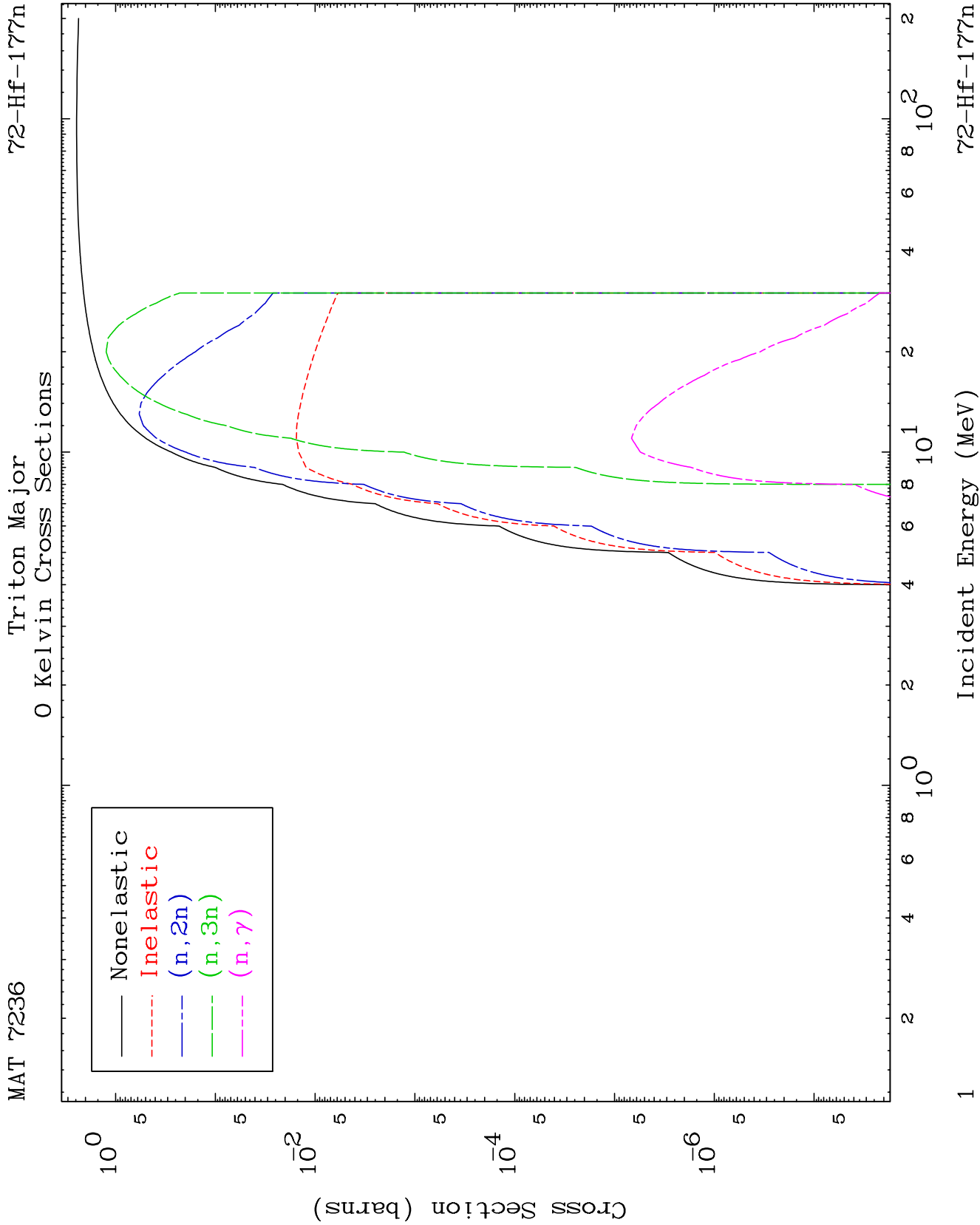
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(Present Contact Information)

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Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

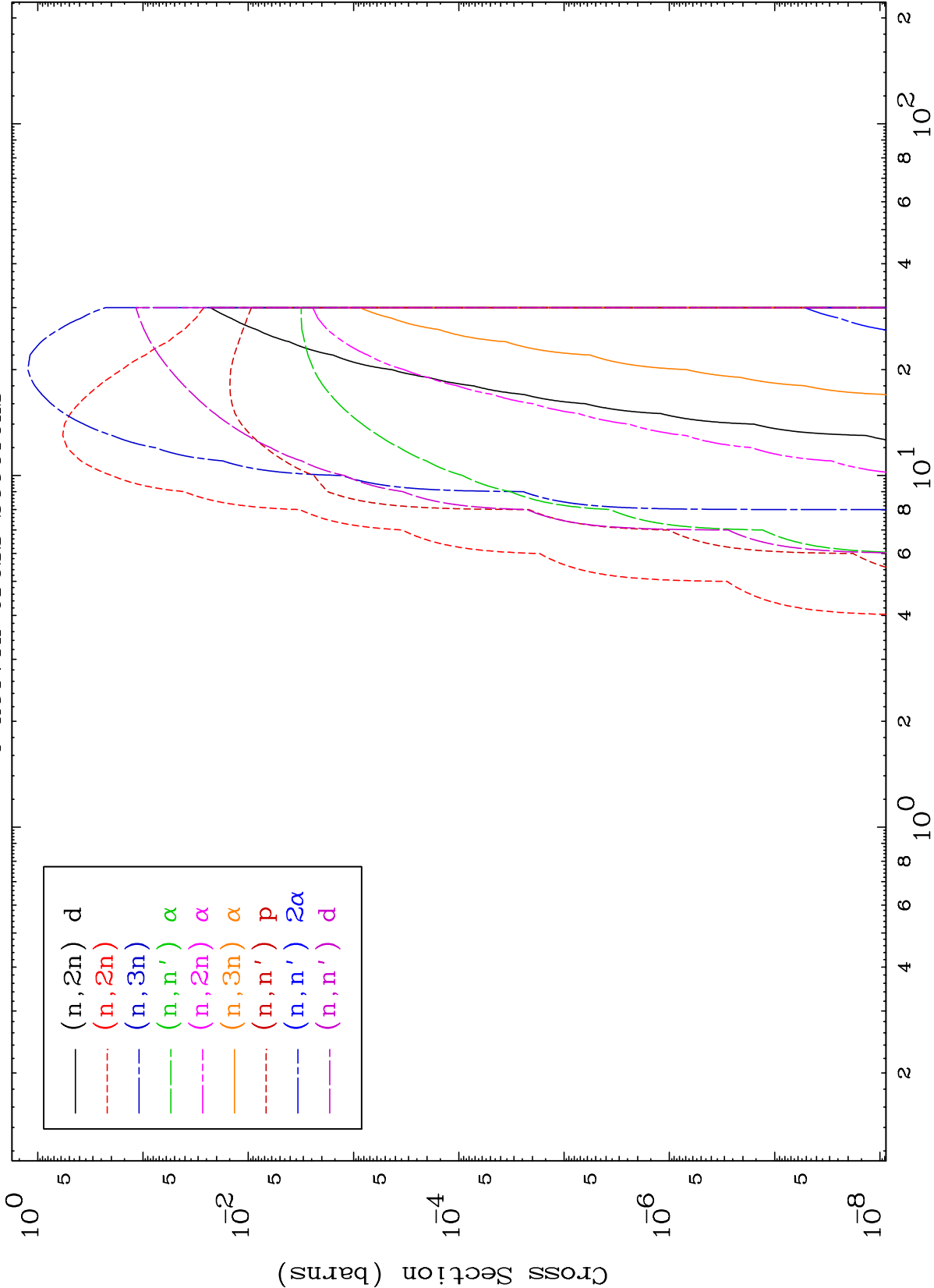
Press Mouse Button to Start

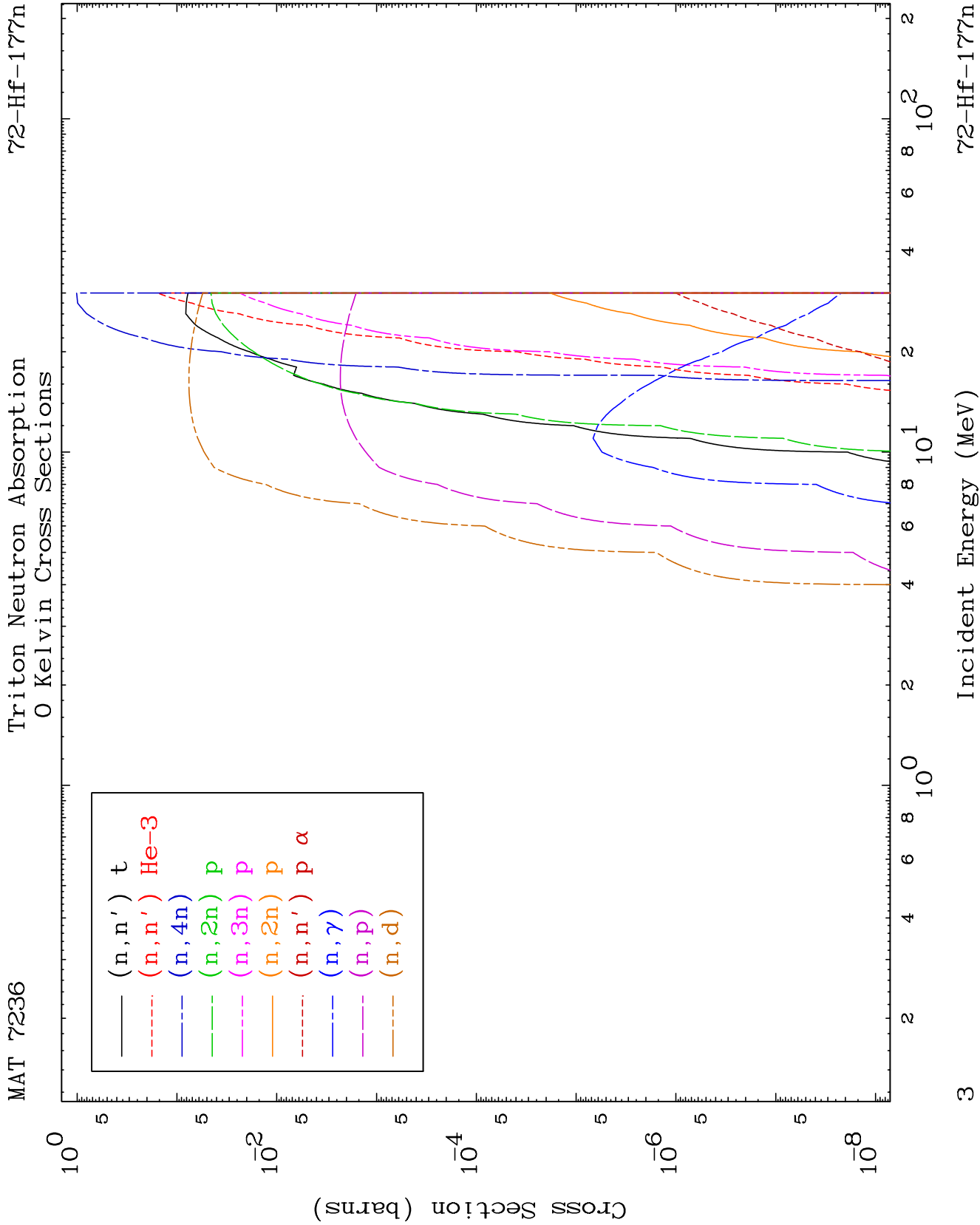


MAT 7236

Triton Neutron Absorption
0 Kelvin Cross Sections

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

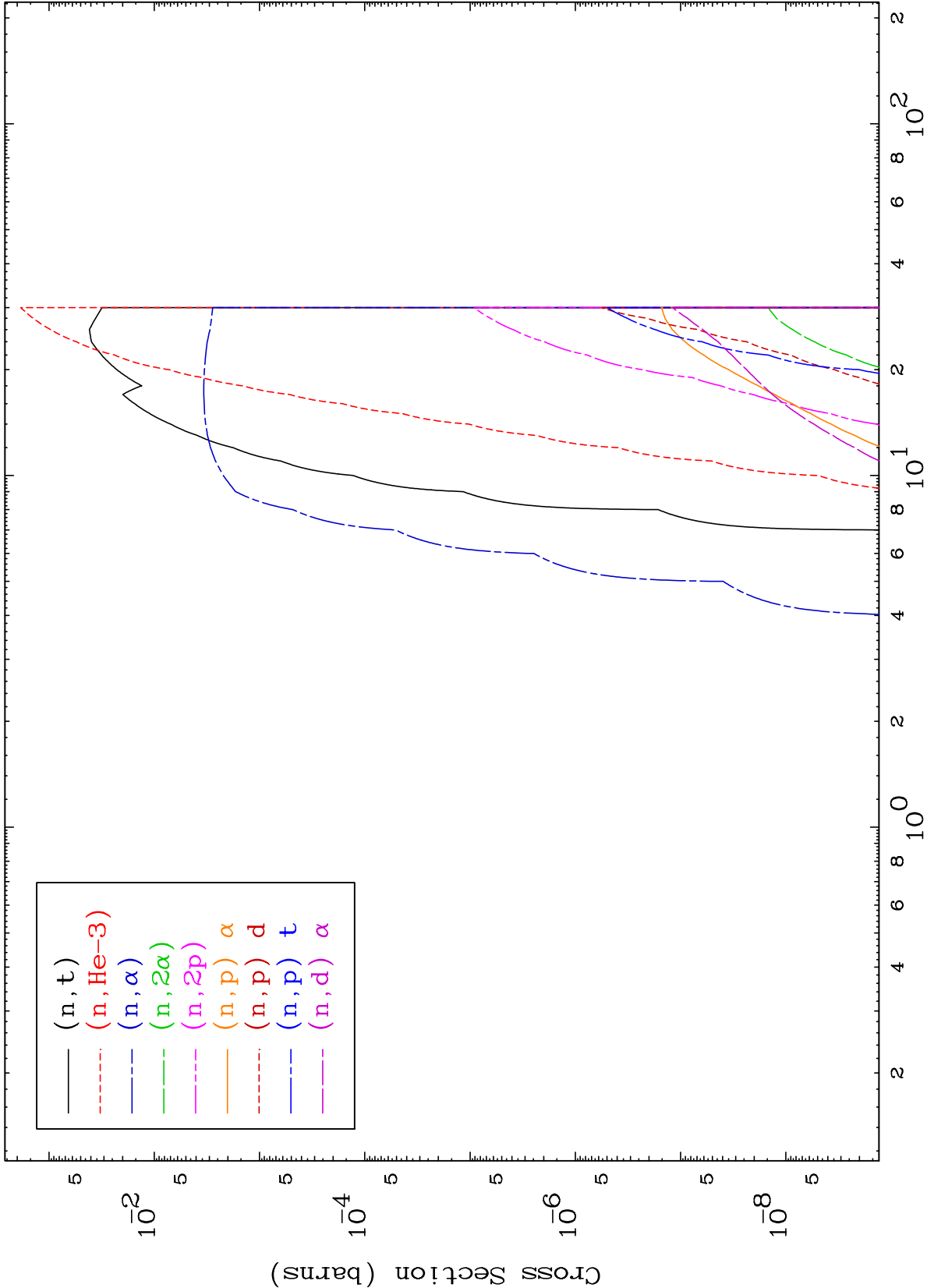




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Triton Neutron Absorption
0 Kelvin Cross Sections

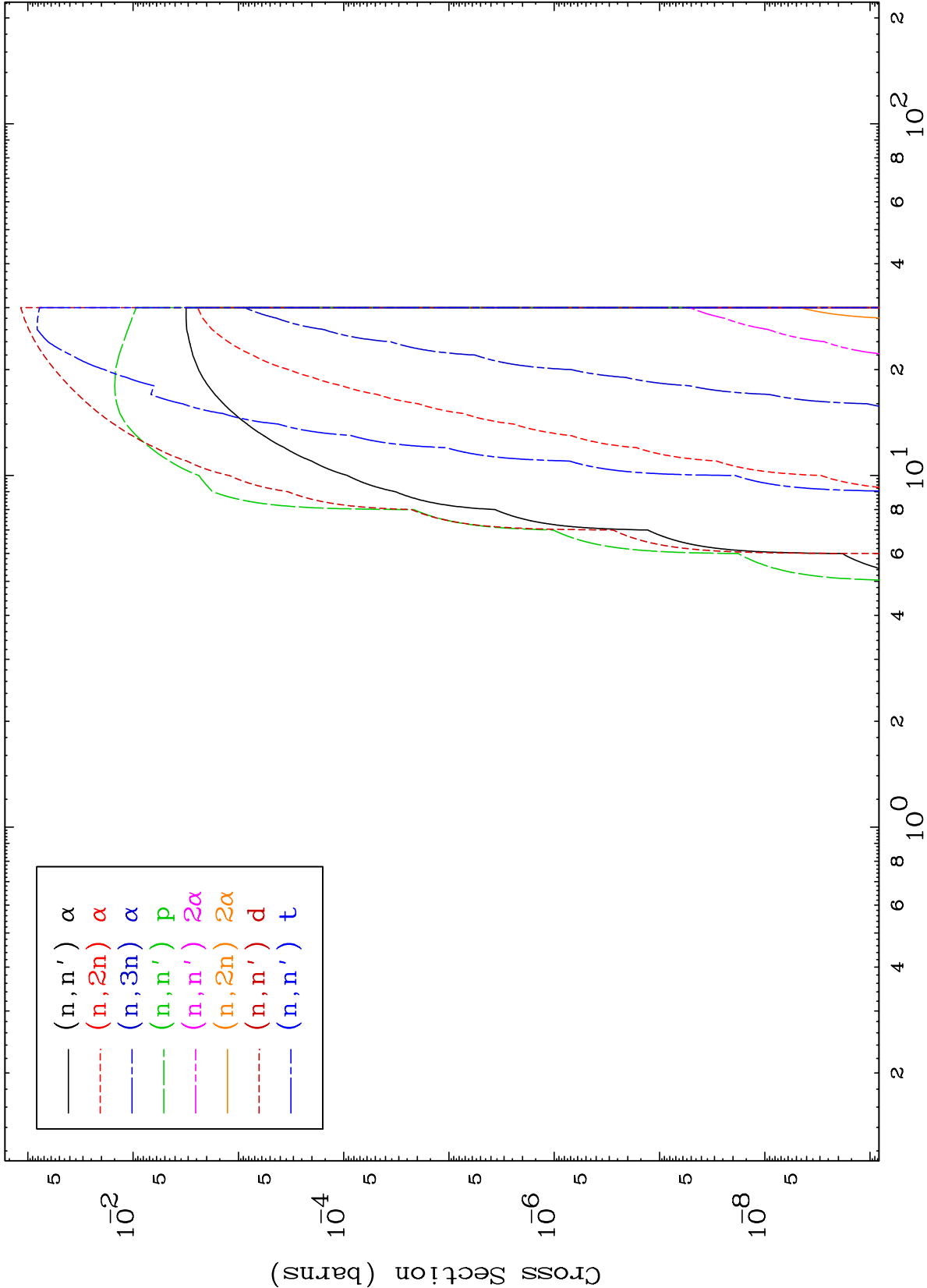
$^{72}\text{Hf}-177\text{n}$



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Triton Charged Particle
0 Kelvin Cross Sections

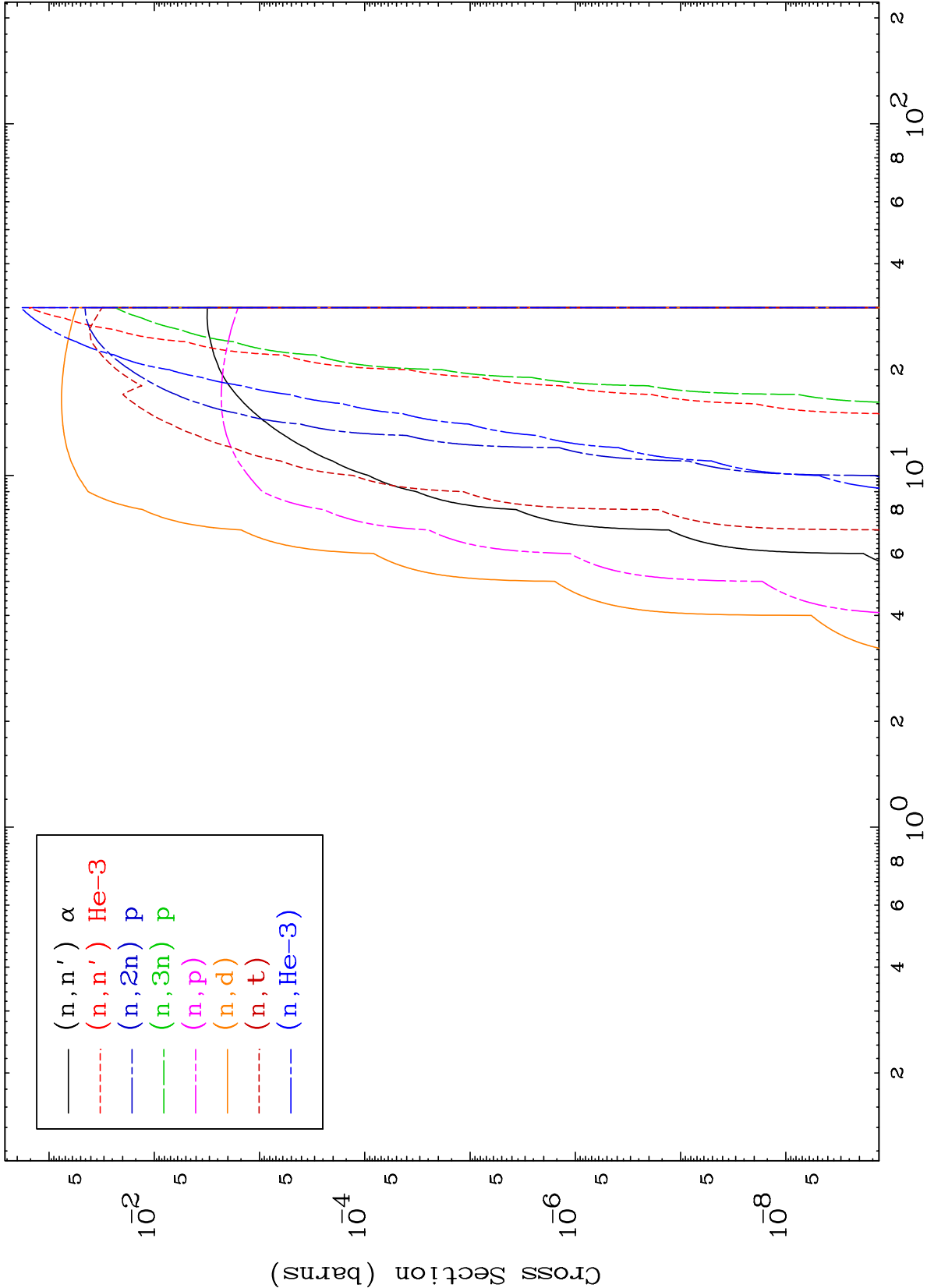
$^{72}\text{Hf}-^{177}\text{n}$

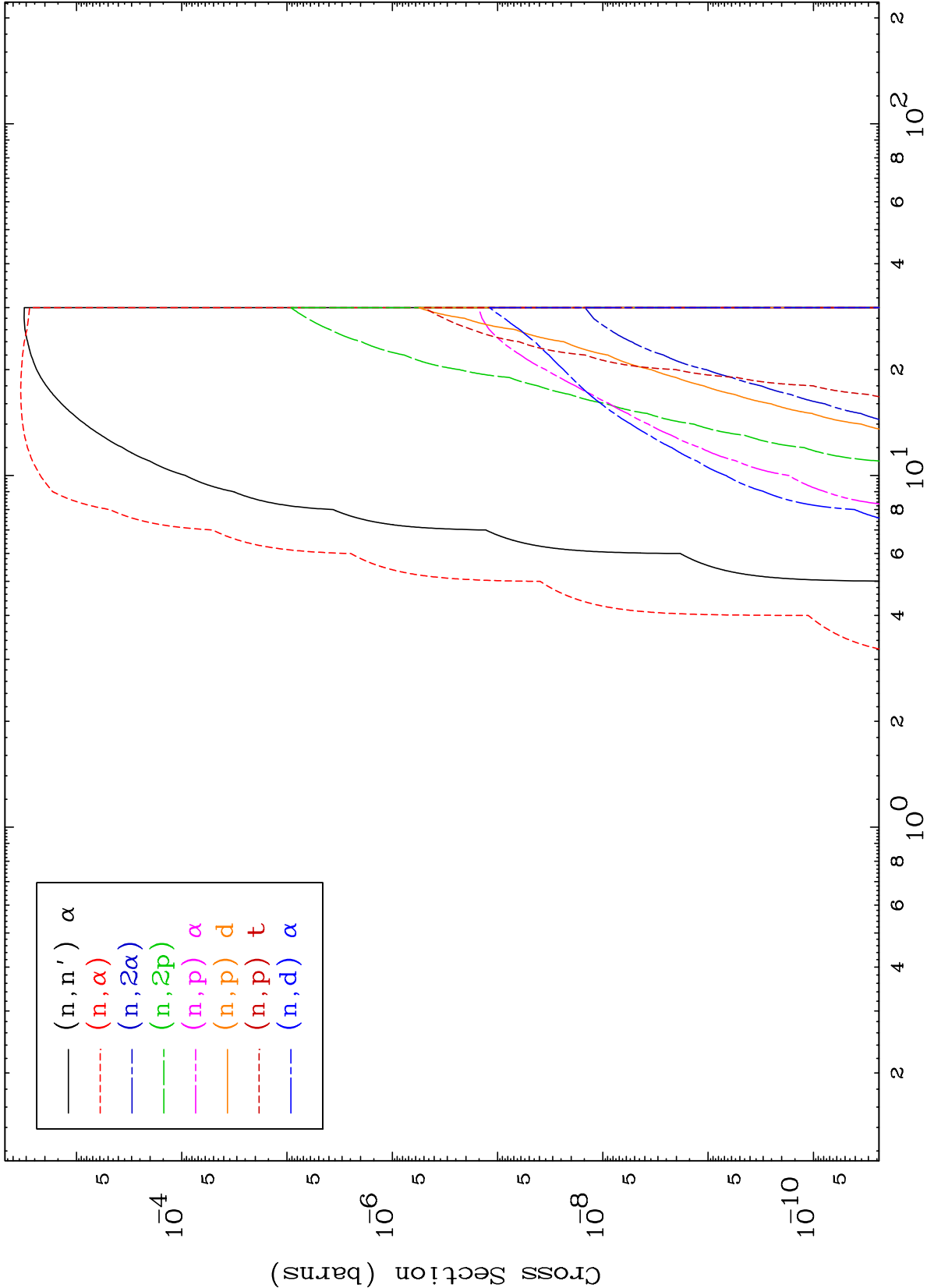


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Triton Charged Particle
0 Kelvin Cross Sections

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

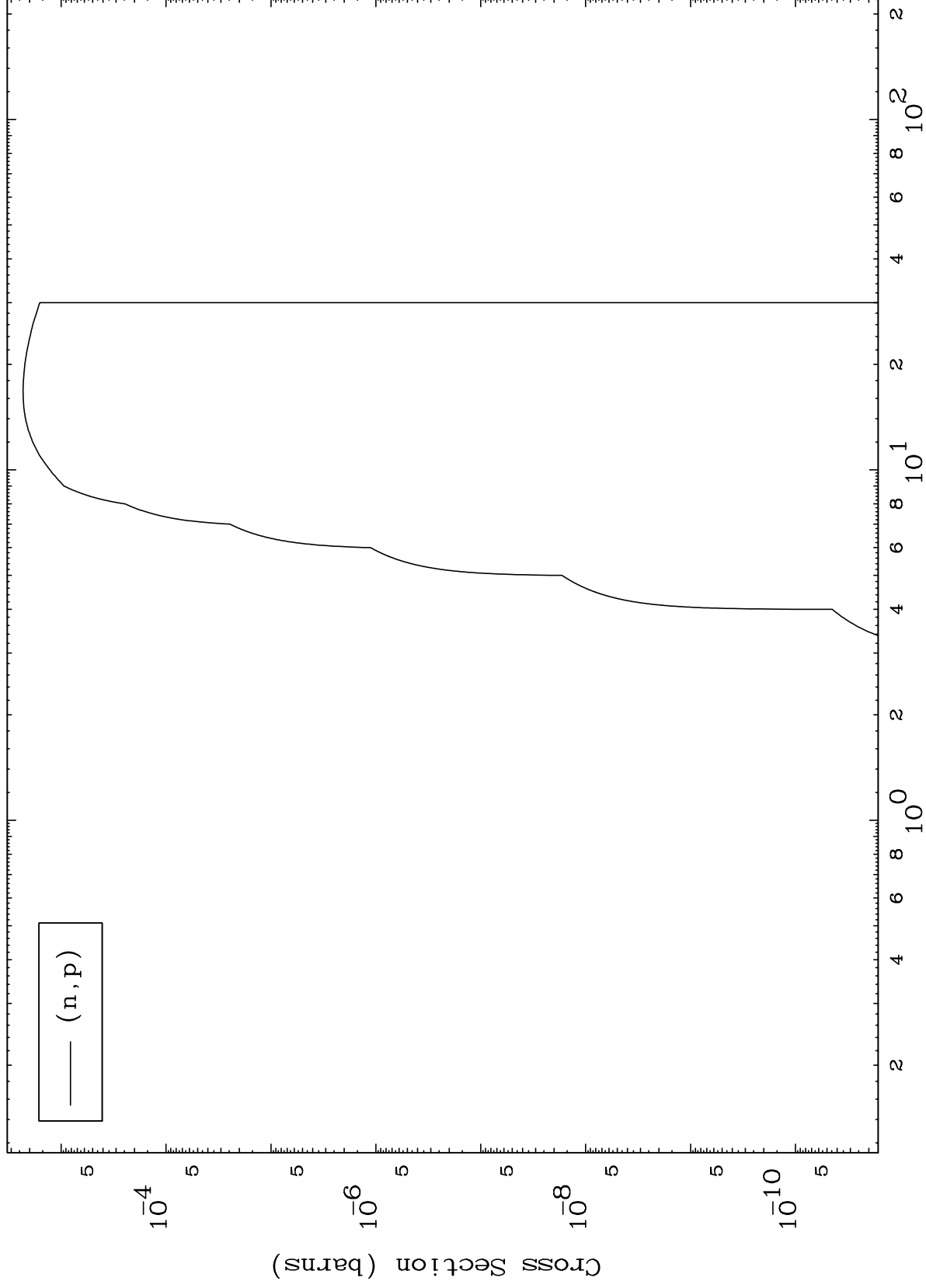




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$^{72}\text{Hf}-177\text{n}$

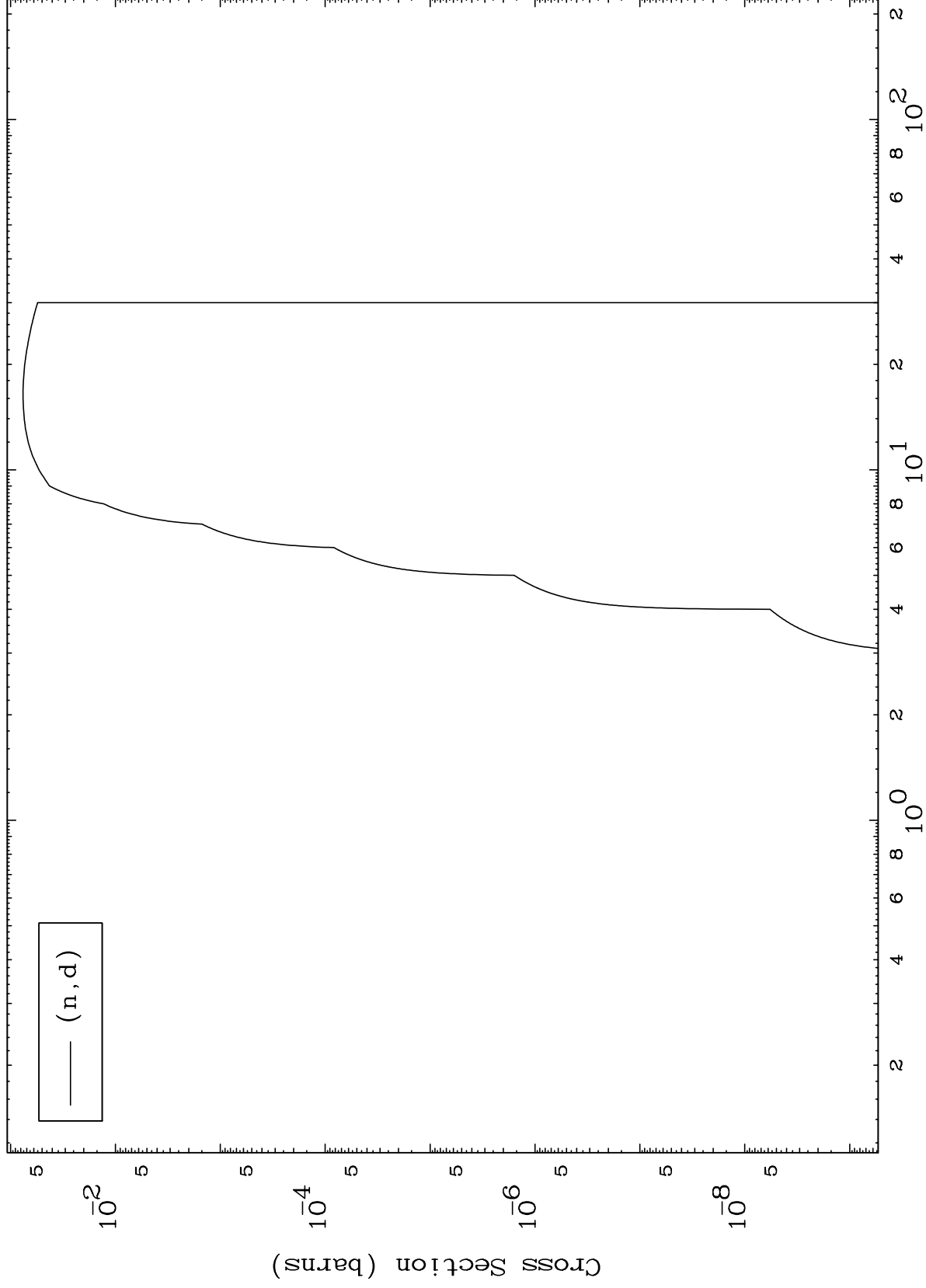
(t,p) Levels
0 Kelvin Cross Sections



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

(t,d) Levels
0 Kelvin Cross Sections

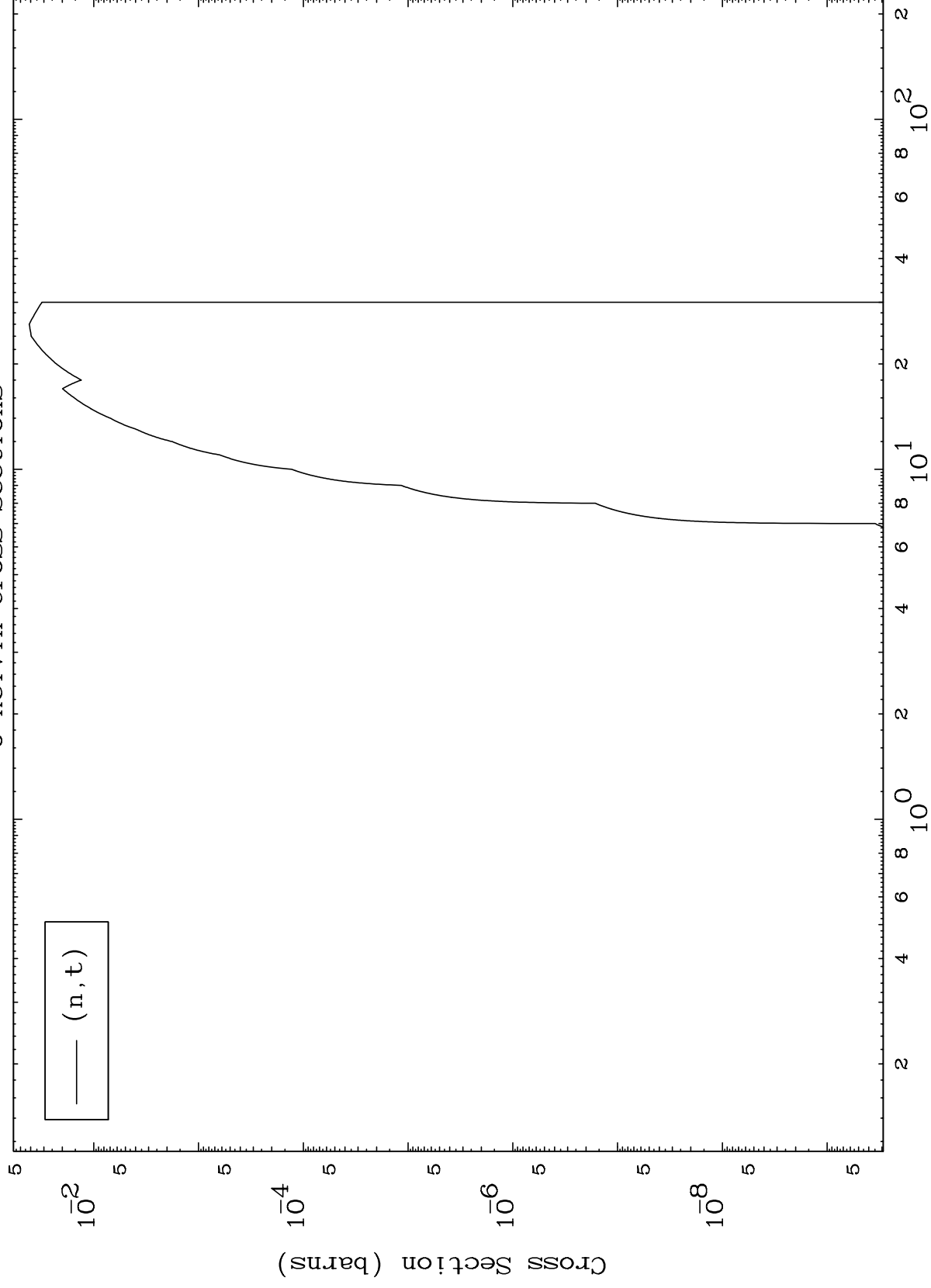


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(t,t) Levels

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

0 Kelvin Cross Sections

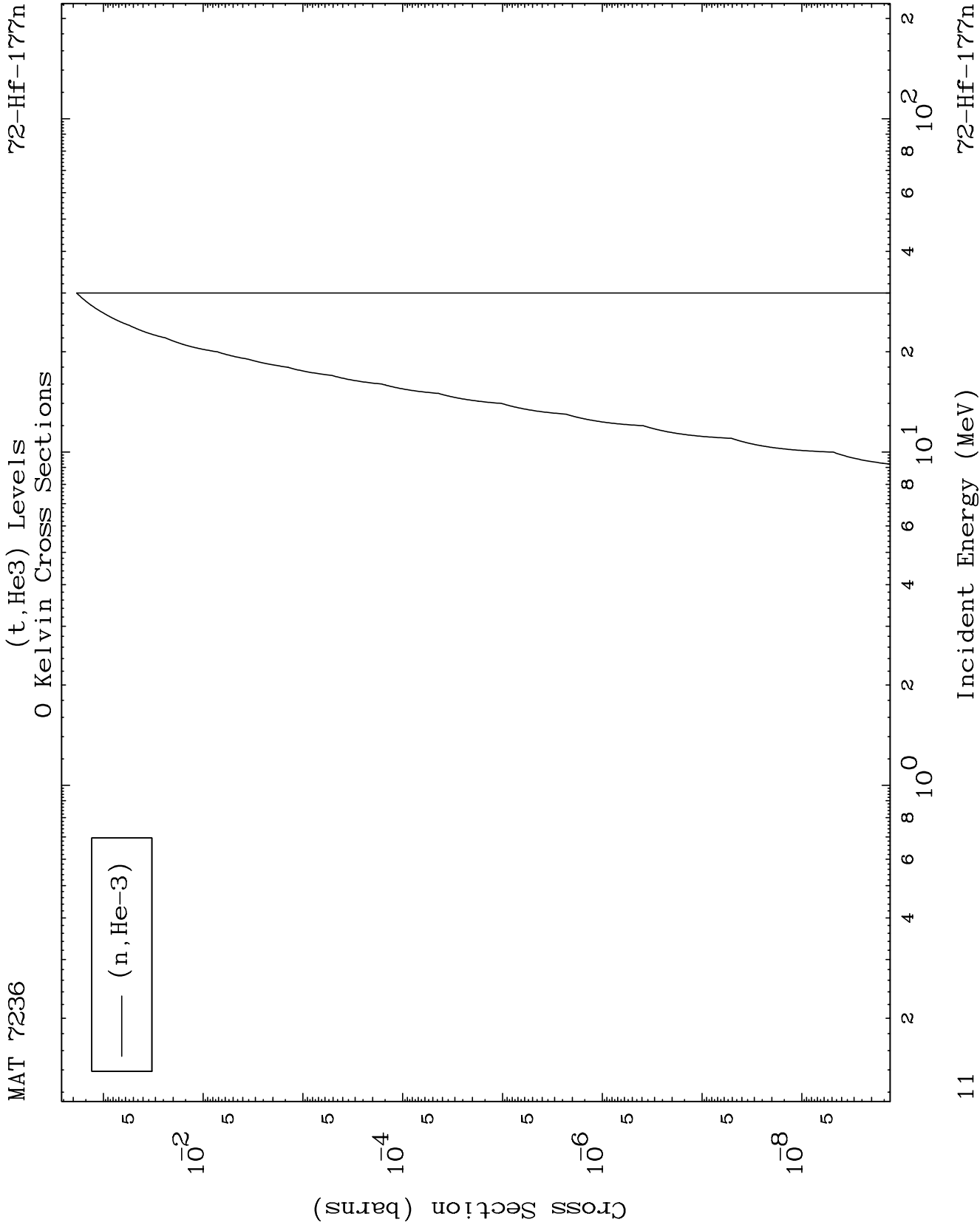


— (n,t)

10

Incident Energy (MeV)

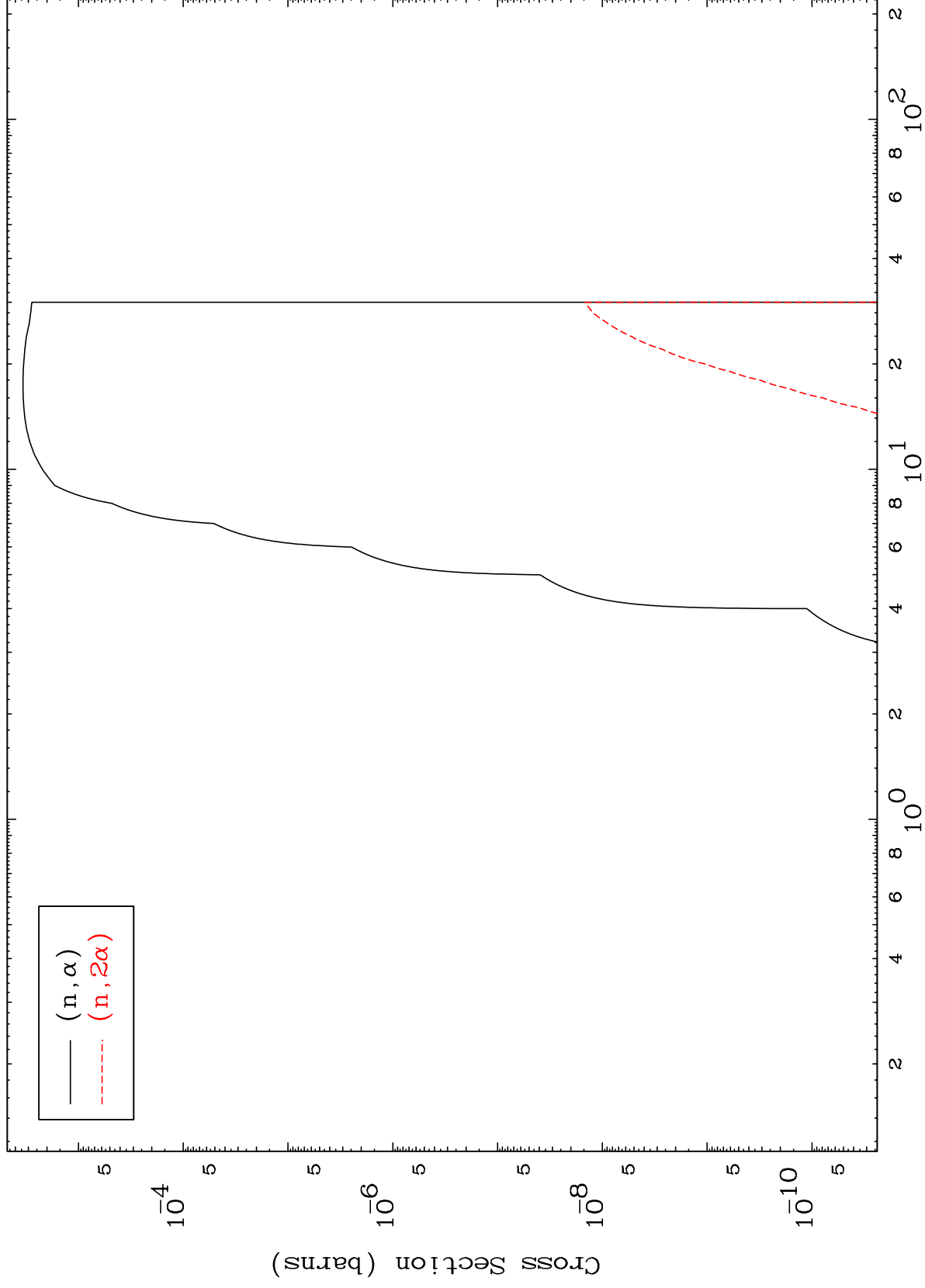
$^{72}\text{Hf}-^{177}\text{n}$



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(t, α) Levels
0 Kelvin Cross Sections

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



12

Incident Energy (MeV)

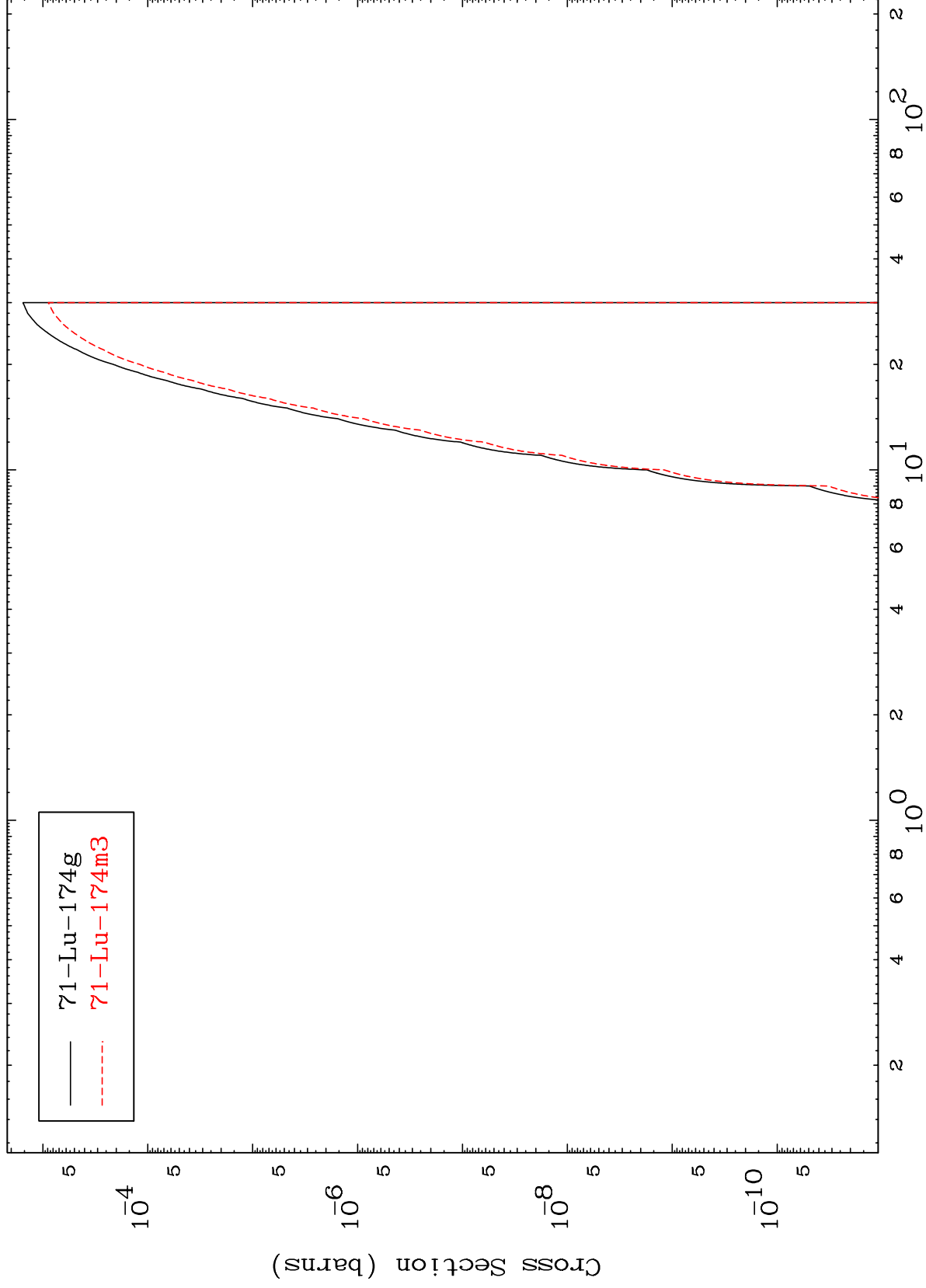
$^{72}\text{Hf}-^{177}\text{n}$

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$(n,2n) \alpha$

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

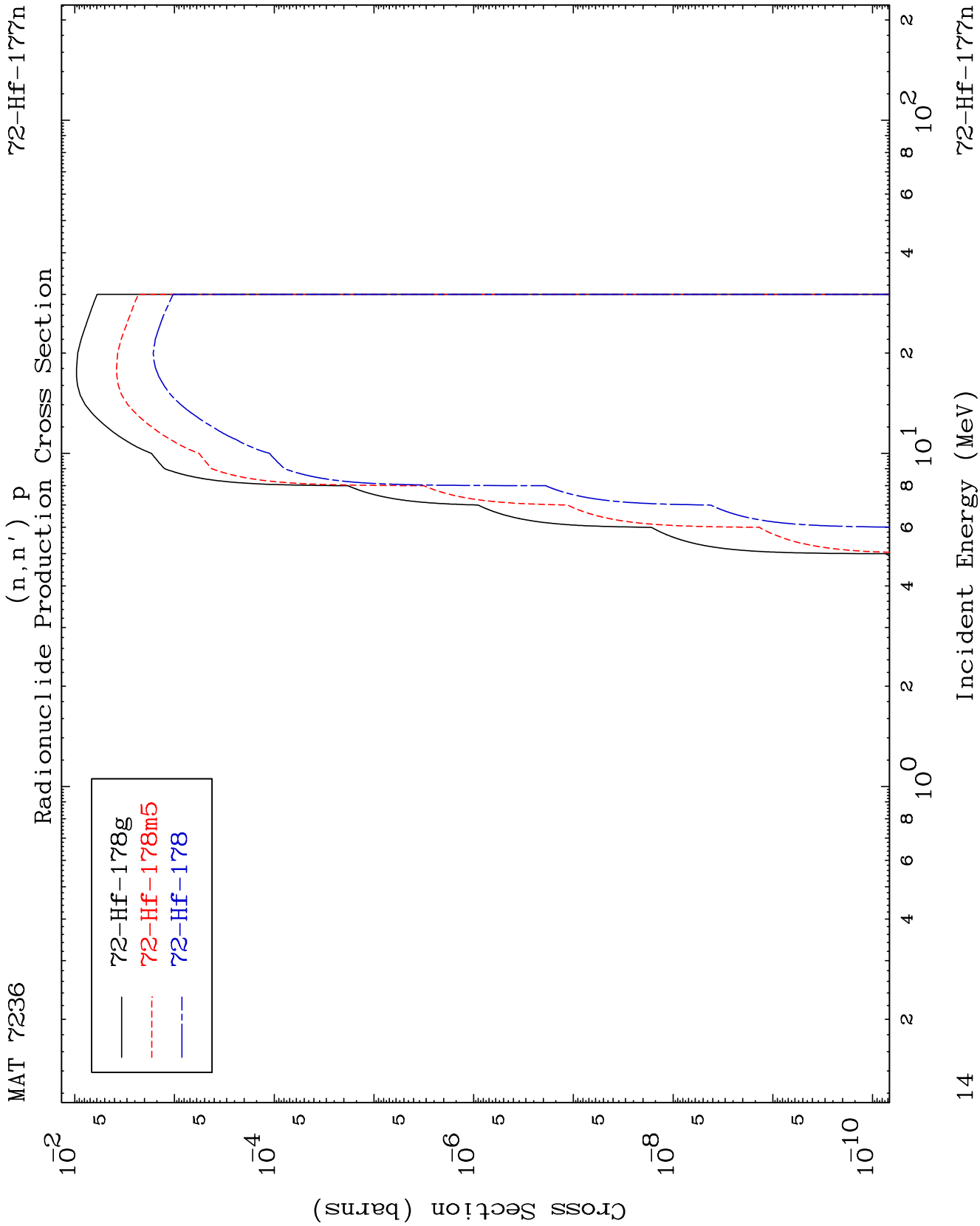
Radionuclide Production Cross Section



13

Incident Energy (MeV)

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

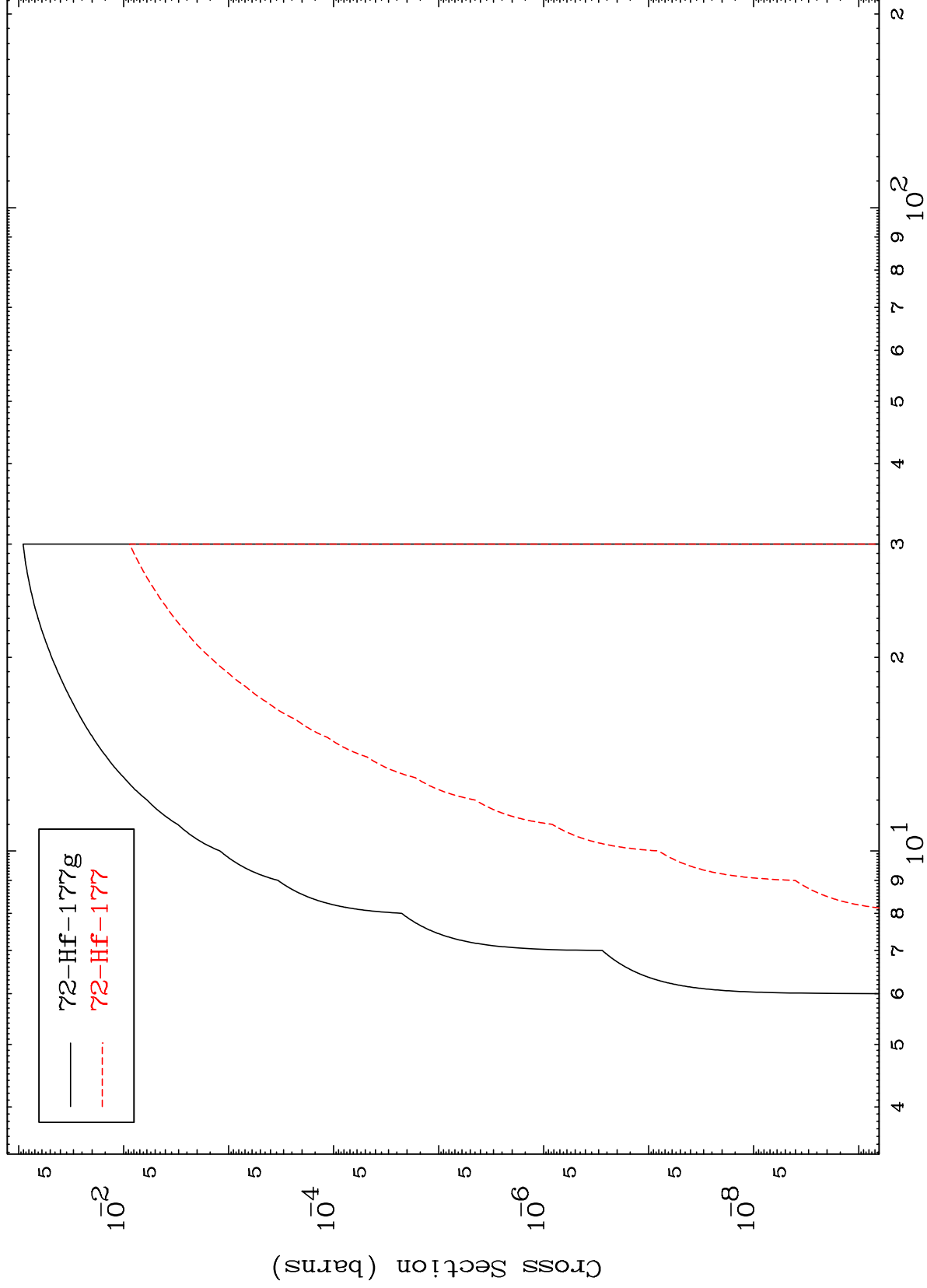


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(n,n') d

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

Radionuclide Production Cross Section



15

Incident Energy (MeV)

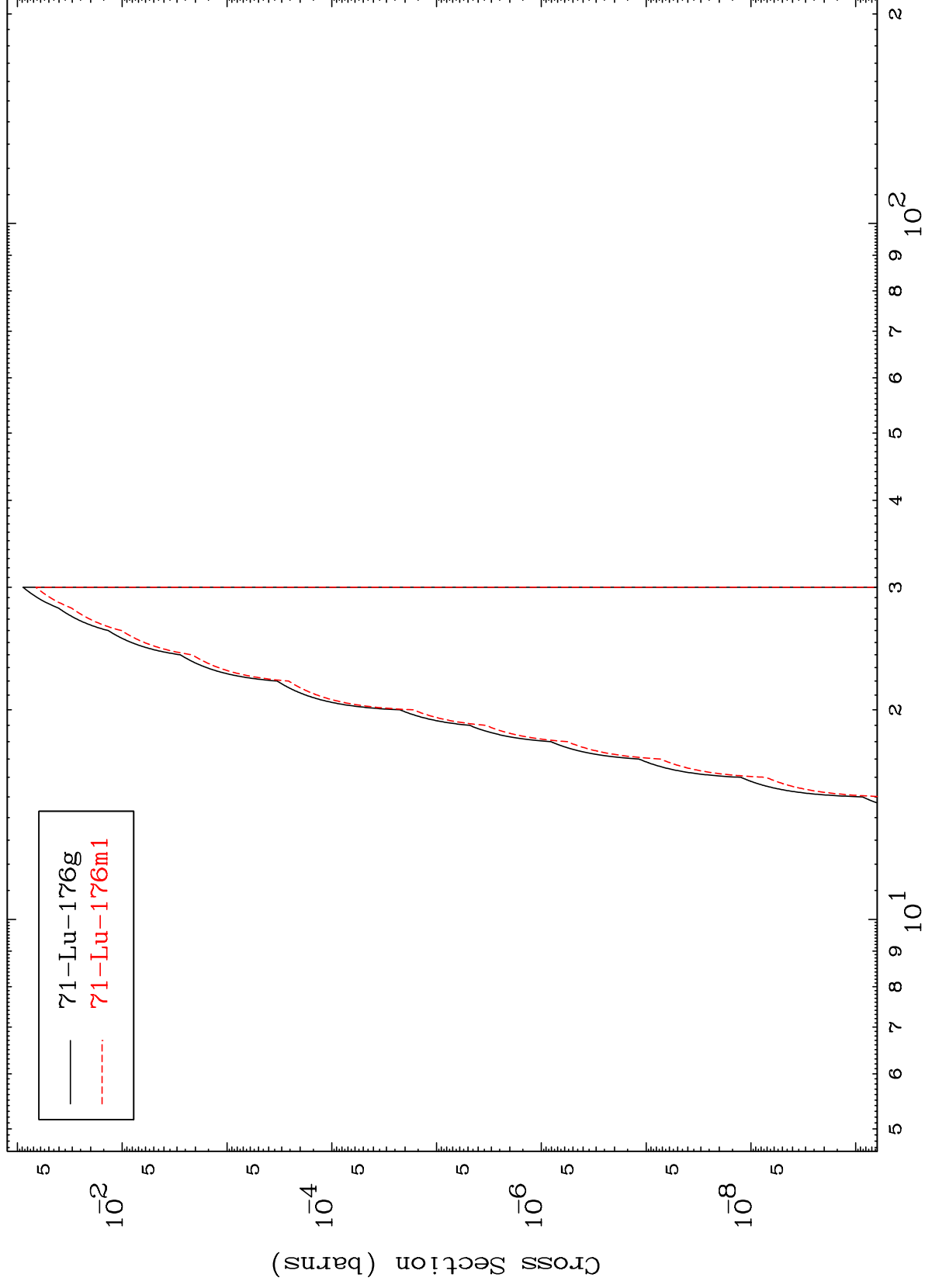
$^{72}\text{Hf}-^{177}\text{n}$

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(n,n') He-3

⁷²Hf-¹⁷⁷n

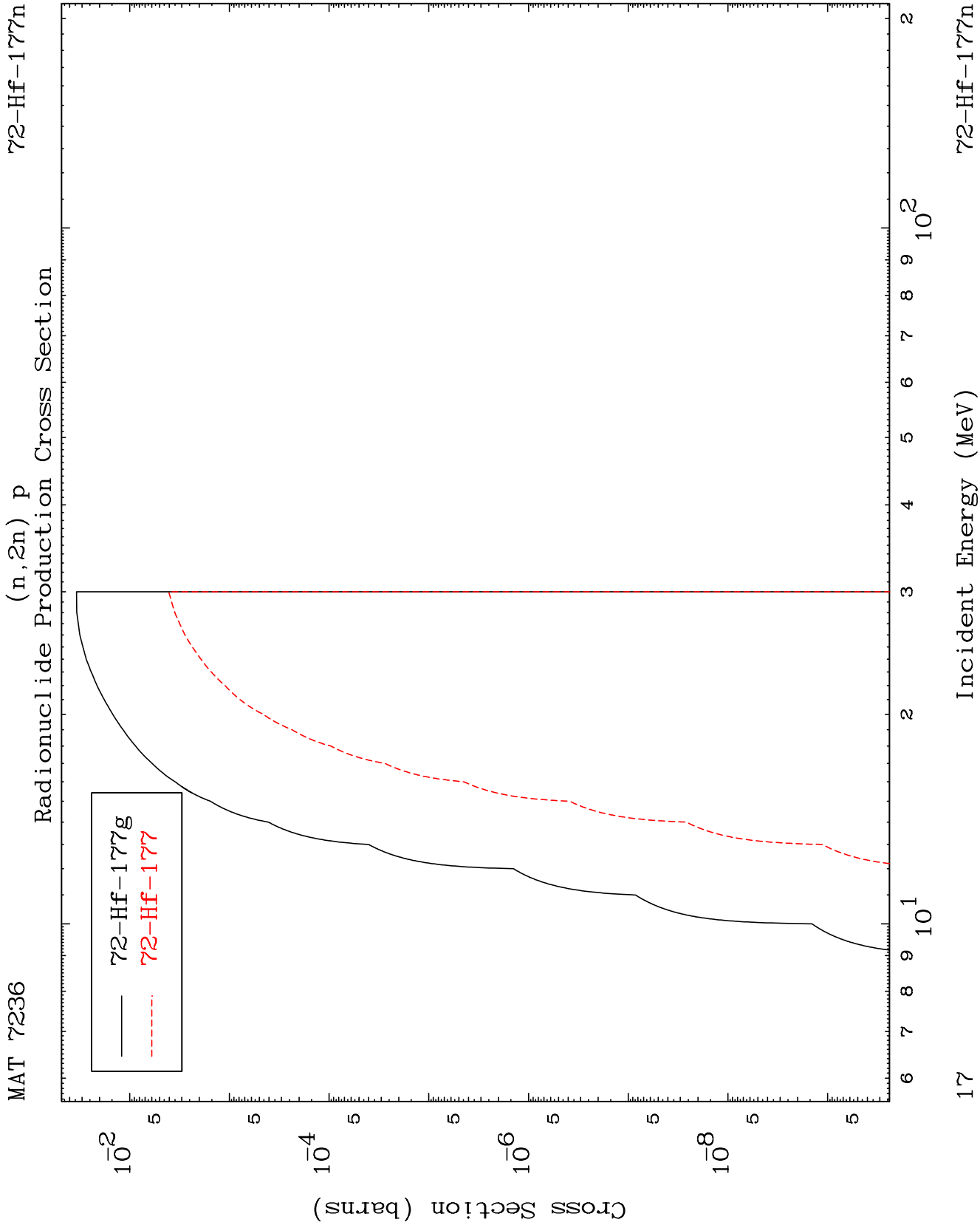
Radionuclide Production Cross Section



16

Incident Energy (MeV)

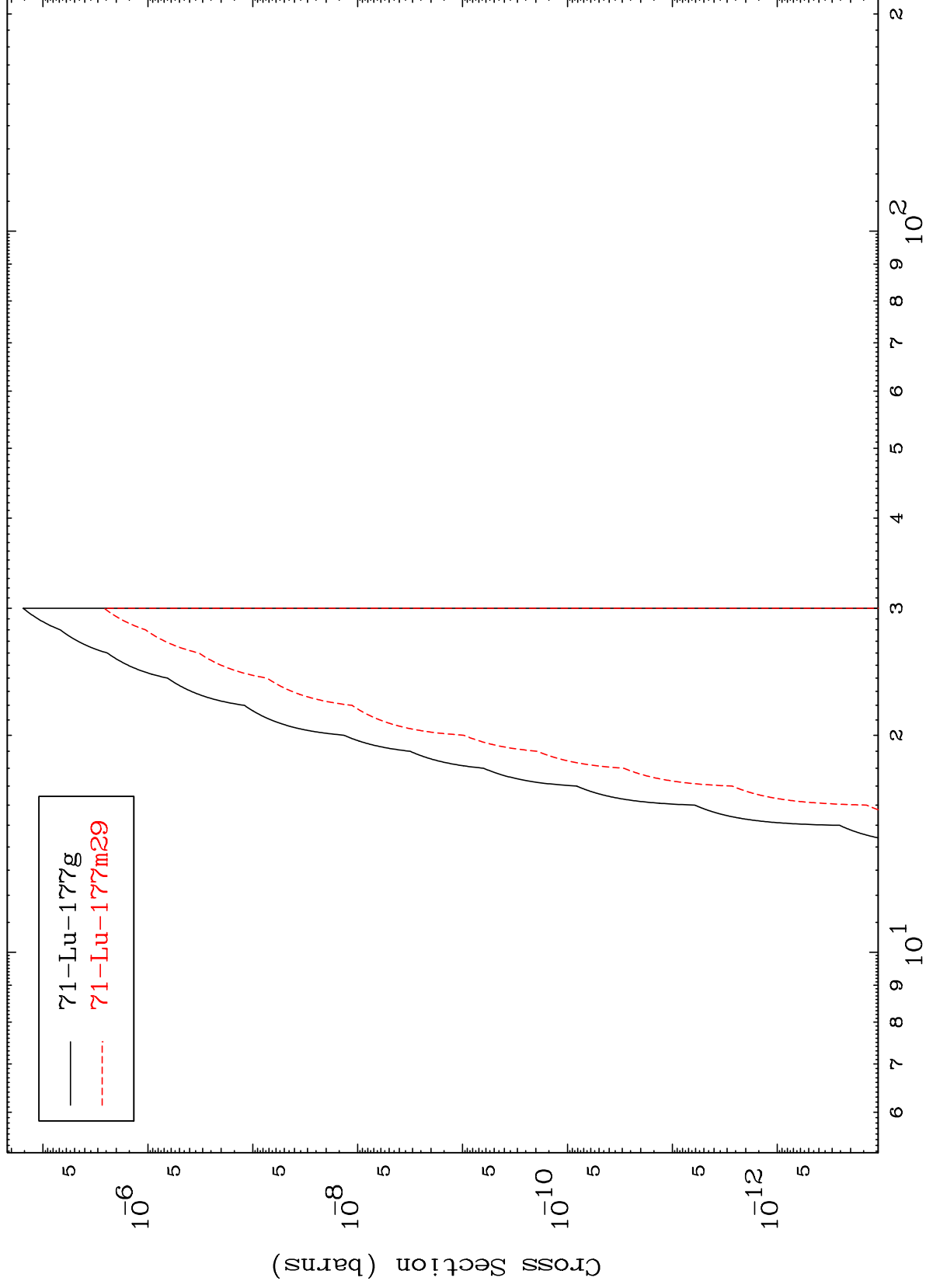
⁷²Hf-¹⁷⁷n



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

$(n,2n)$ p
Radionuclide Production Cross Section



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

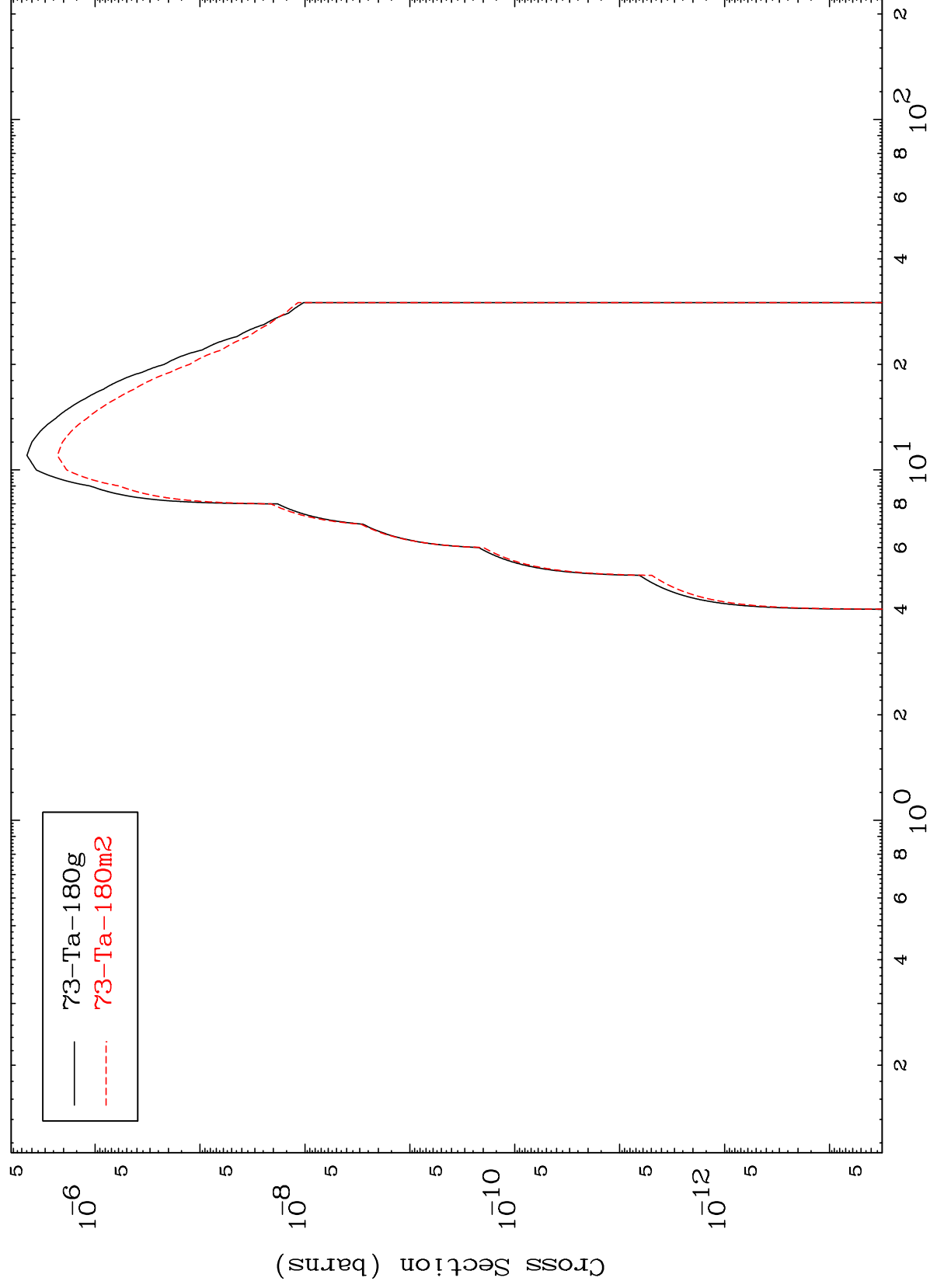
Incident Energy (MeV)

18

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

Radionuclide Production Cross Section



19

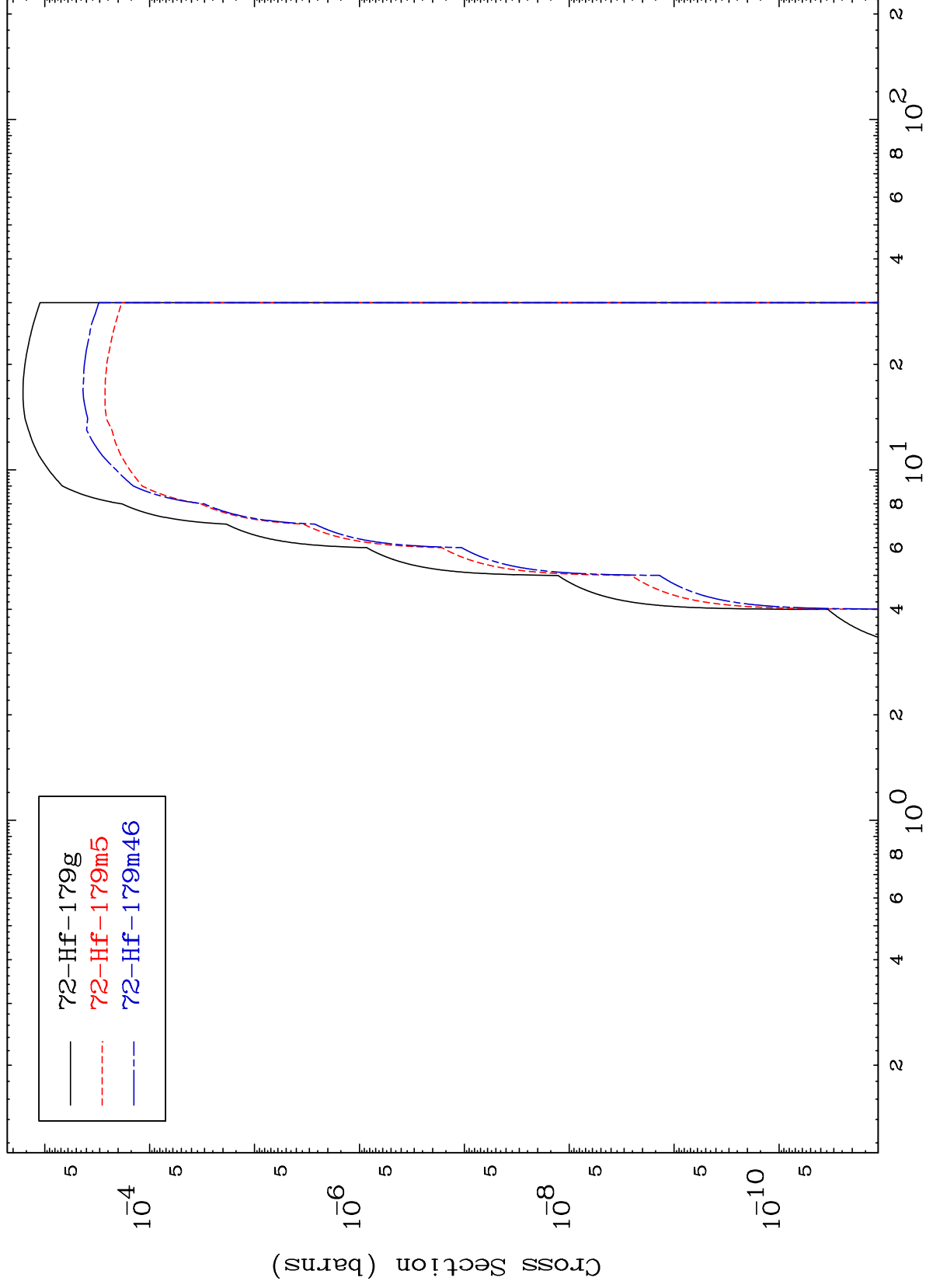
Incident Energy (MeV)

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

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

Radionuclide Production Cross Section

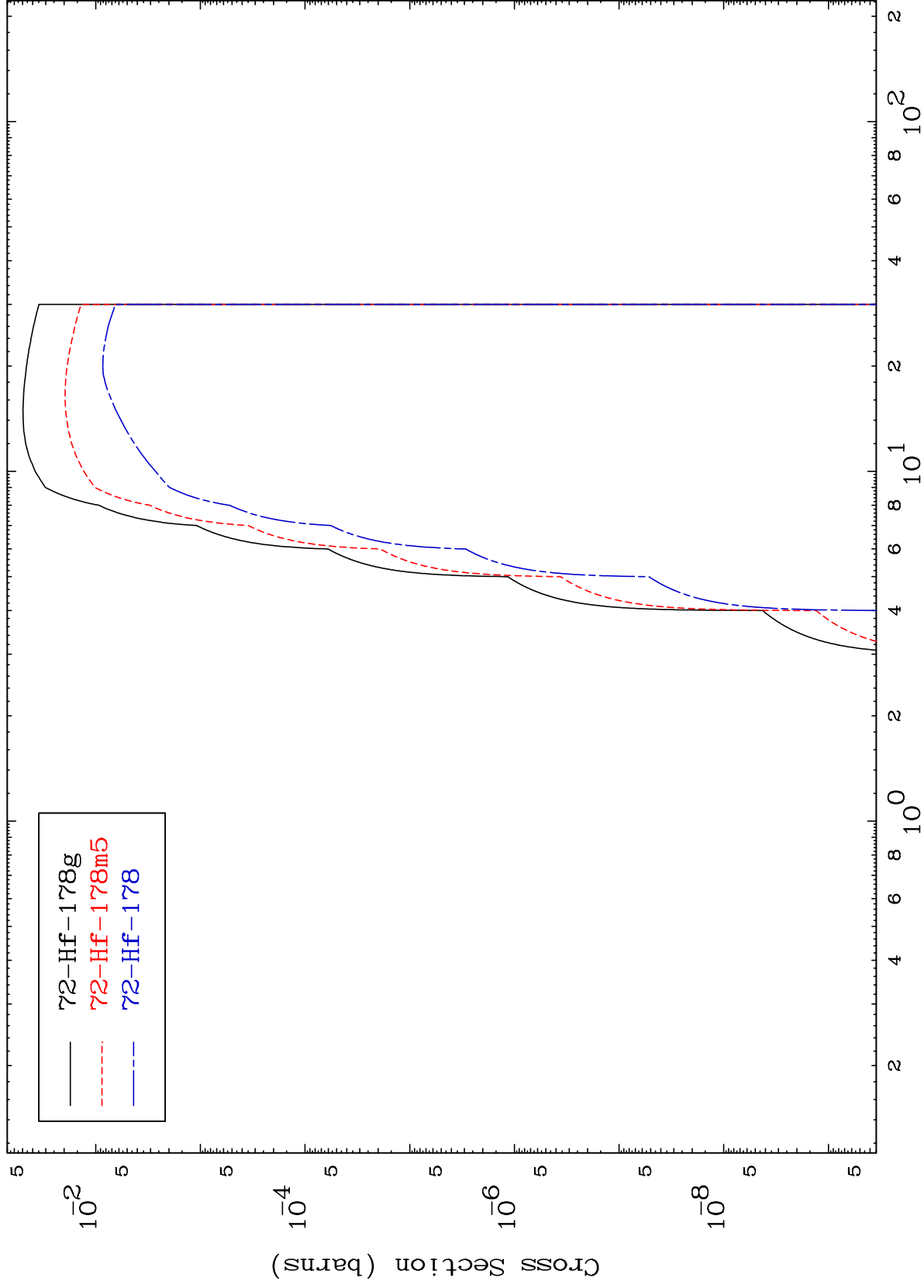


20

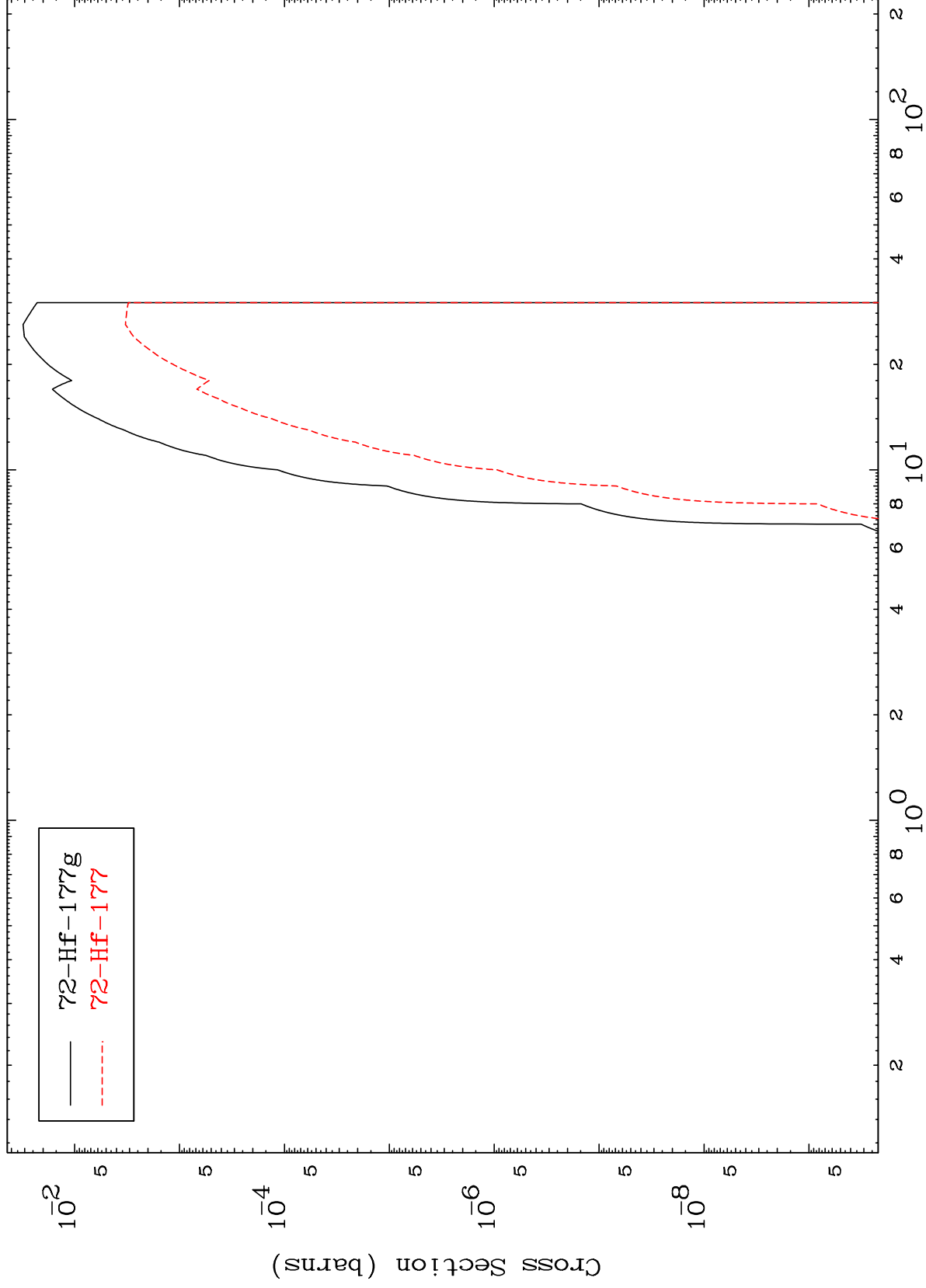
Incident Energy (MeV)

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

Radionuclide Production Cross Section



Radionuclide Production Cross Section
(n, t)

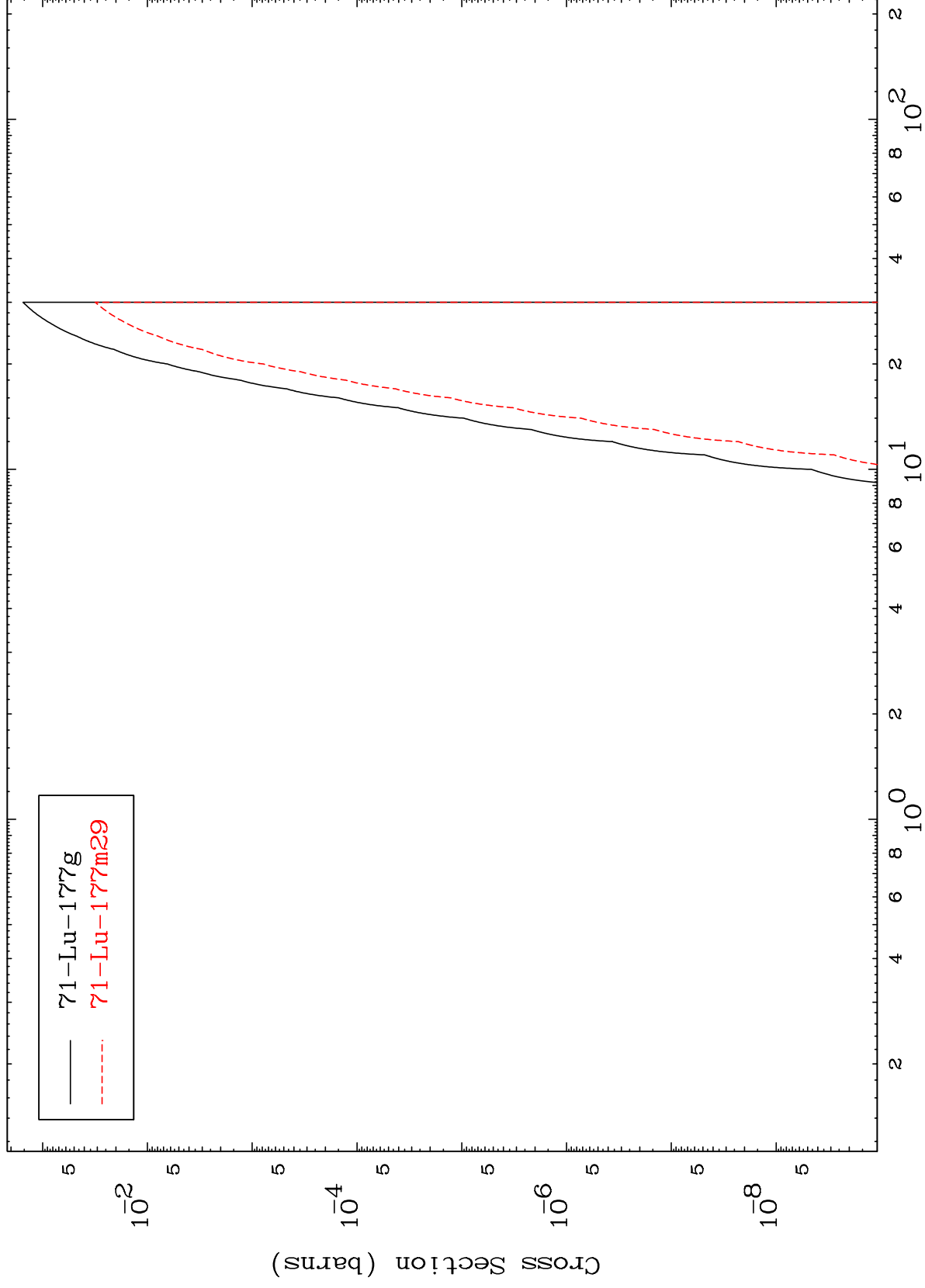


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(n,He-3)

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

Radionuclide Production Cross Section



23

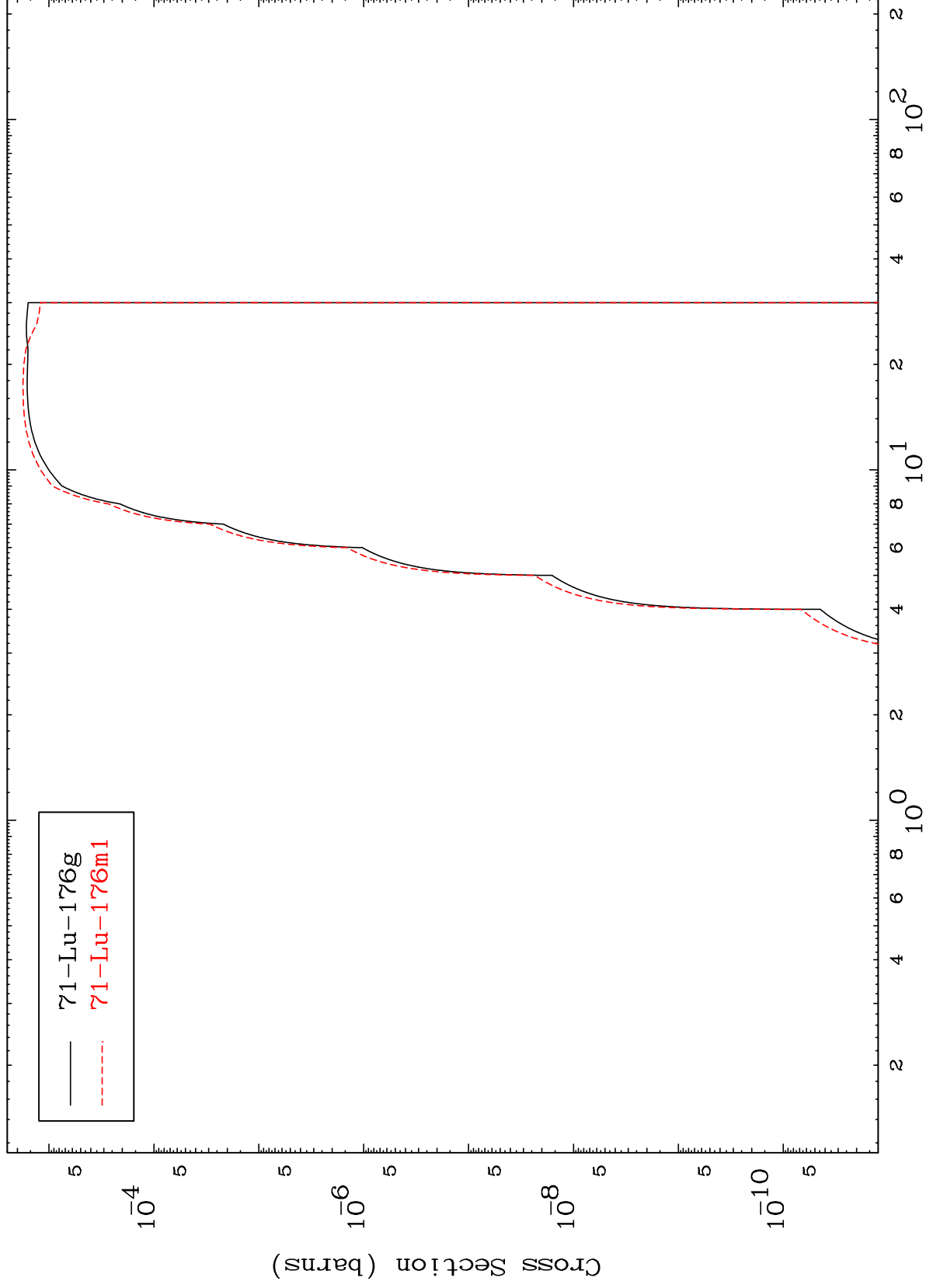
Incident Energy (MeV)

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

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

Radionuclide Production Cross Section



24

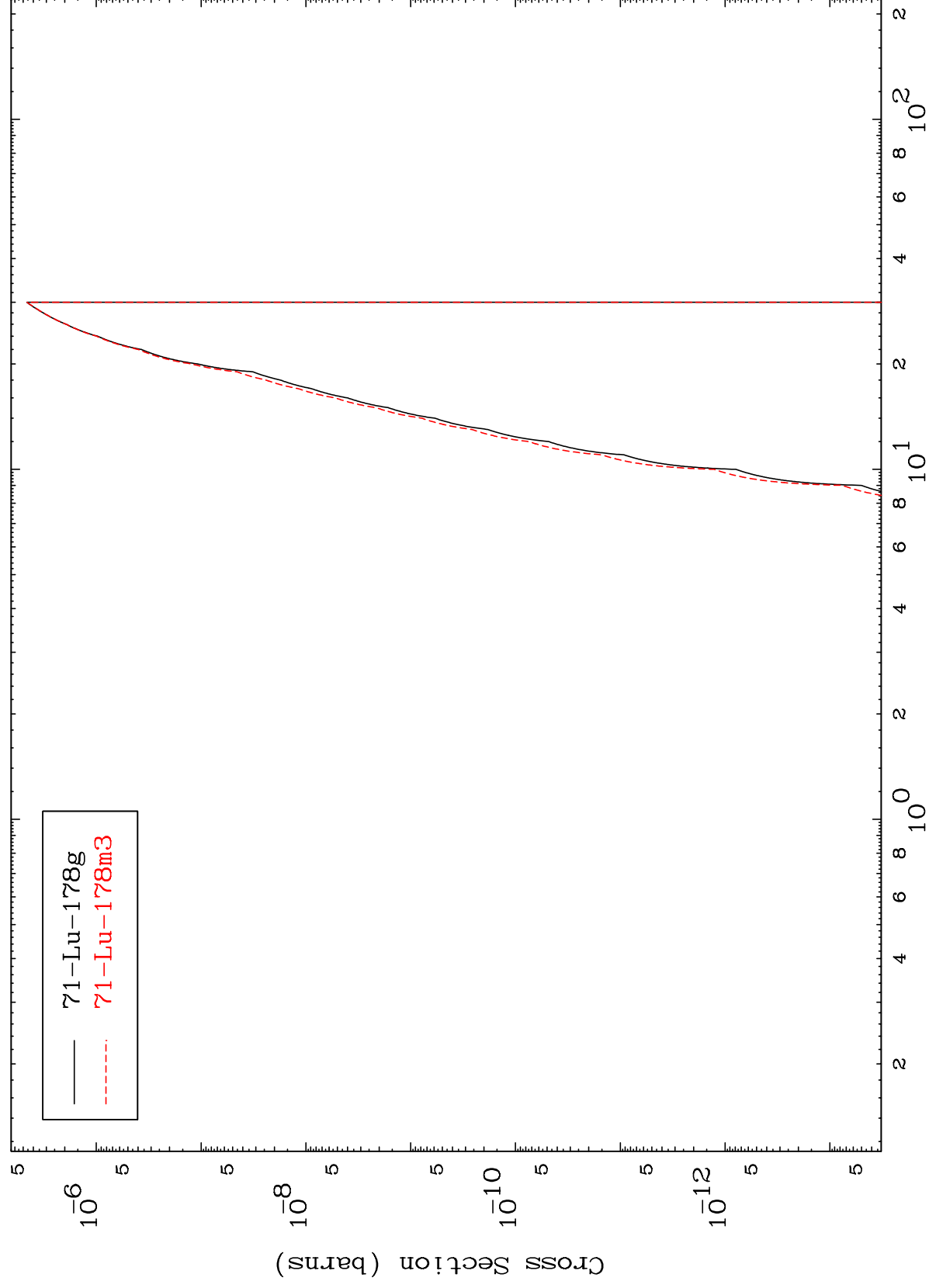
$^{72}\text{Hf}-^{177}\text{n}$

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(n,2p)

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

Radionuclide Production Cross Section



25

Incident Energy (MeV)

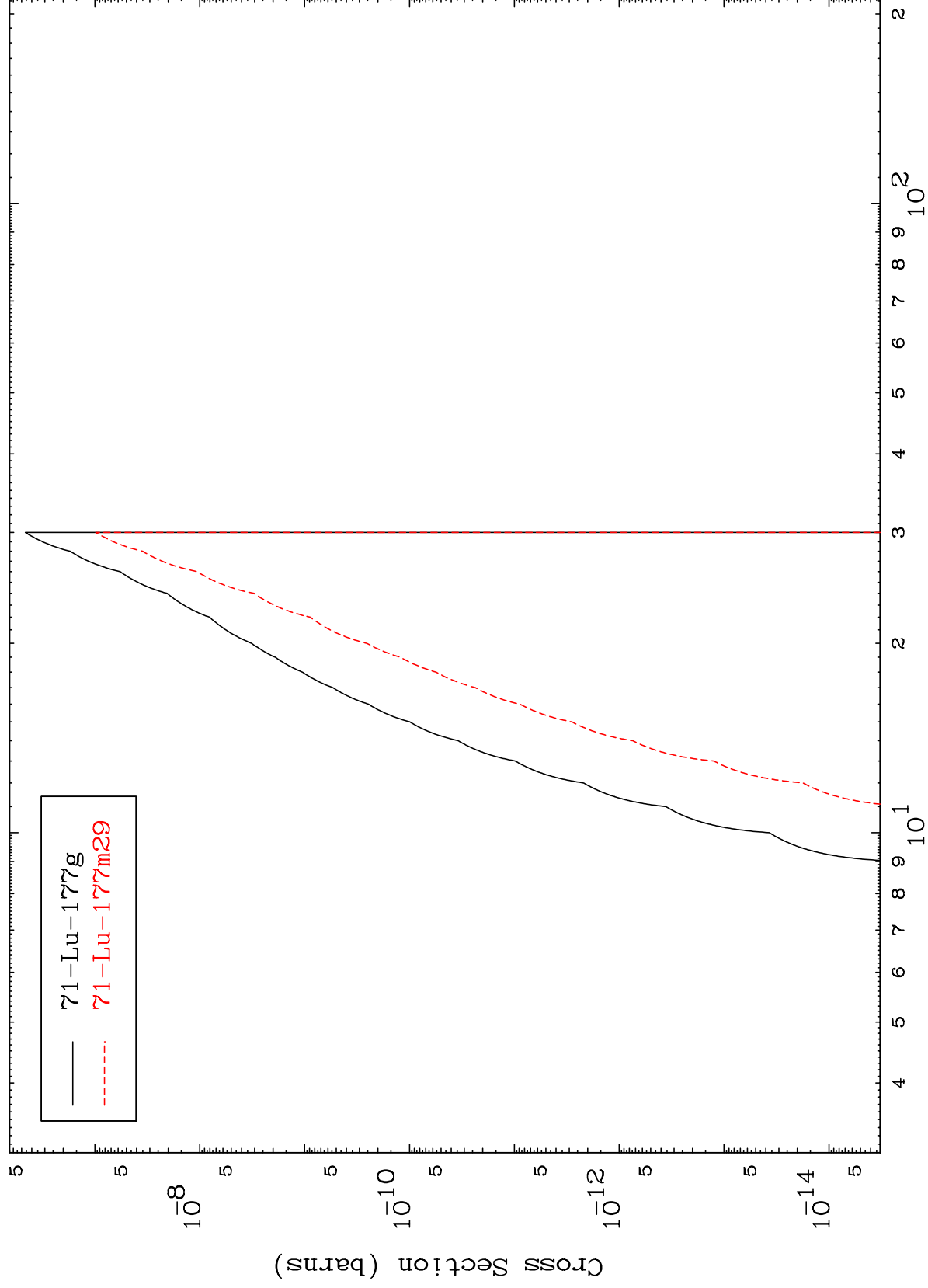
$^{72}\text{Hf}-^{177}\text{n}$

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(n,p) d

⁷²Hf-¹⁷⁷n

Radionuclide Production Cross Section



26

Incident Energy (MeV)

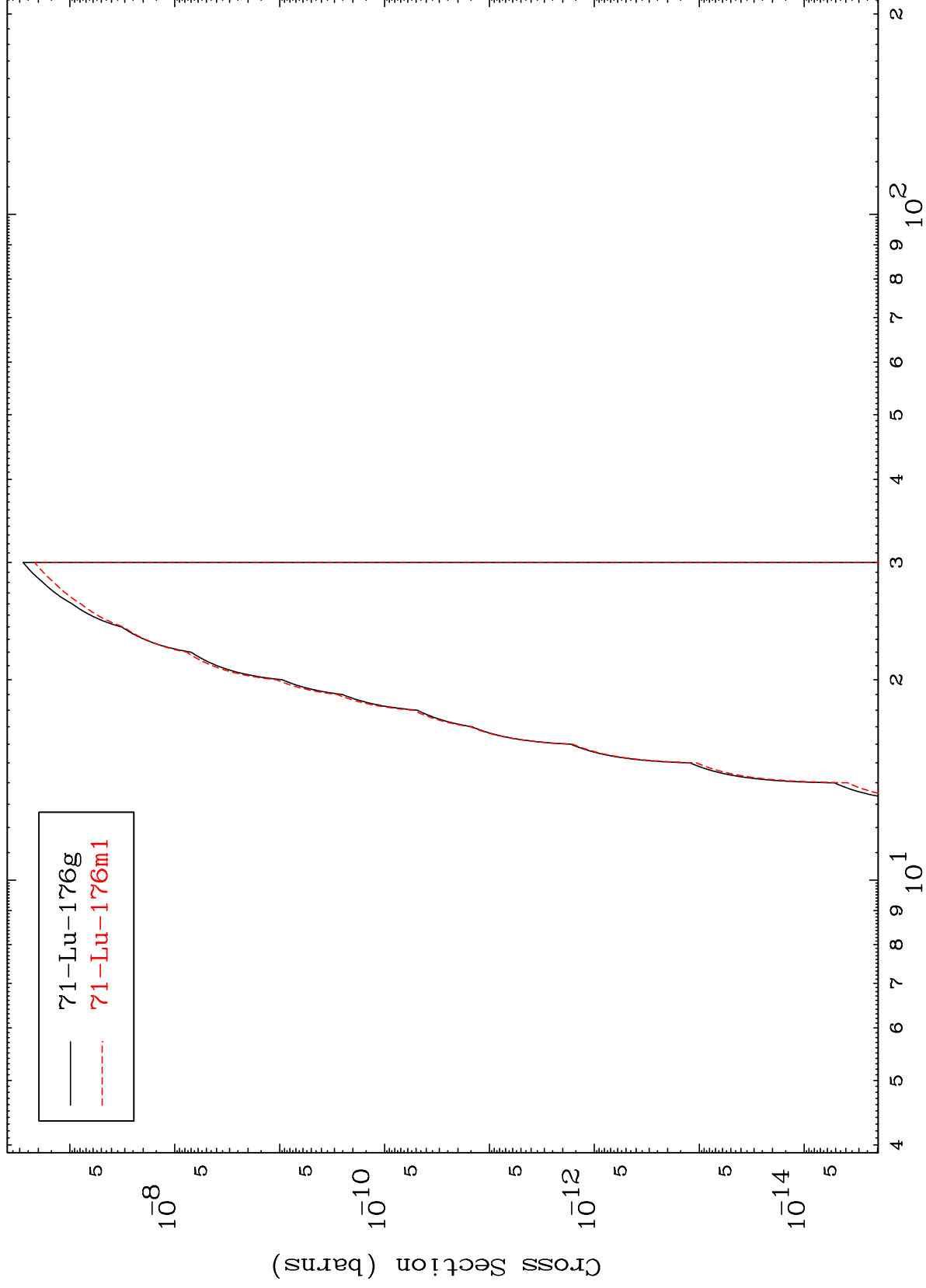
⁷²Hf-¹⁷⁷n

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(n,p) t

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

Radionuclide Production Cross Section



27

Incident Energy (MeV)

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