

Program EVALPLOT
(Version 2021-1)

by

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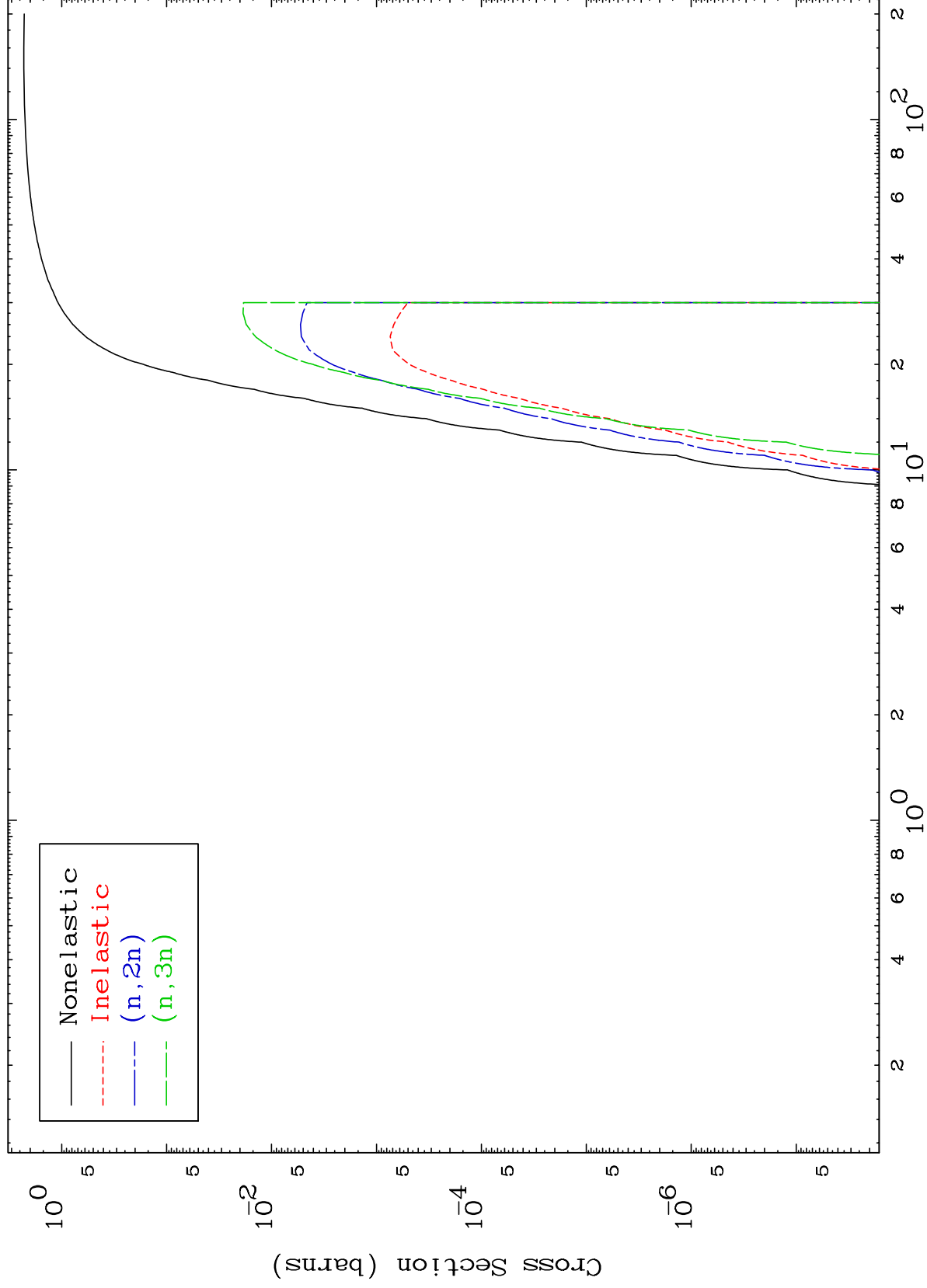
Press Mouse Button to Start

MAT 7239

He-3 Major

$^{72}\text{Hf}-^{178}\text{n}$

0 Kelvin Cross Sections



1

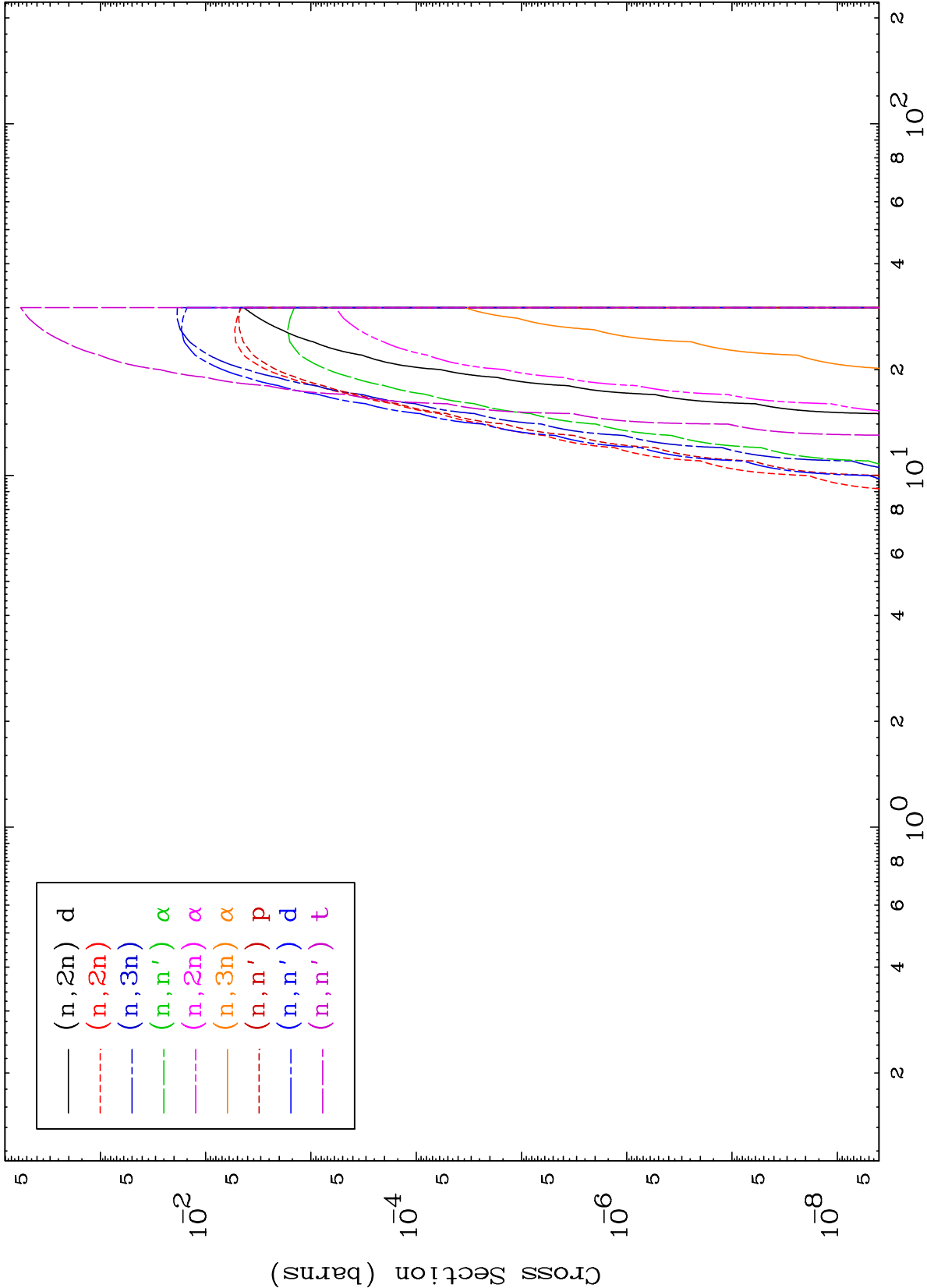
Incident Energy (MeV)

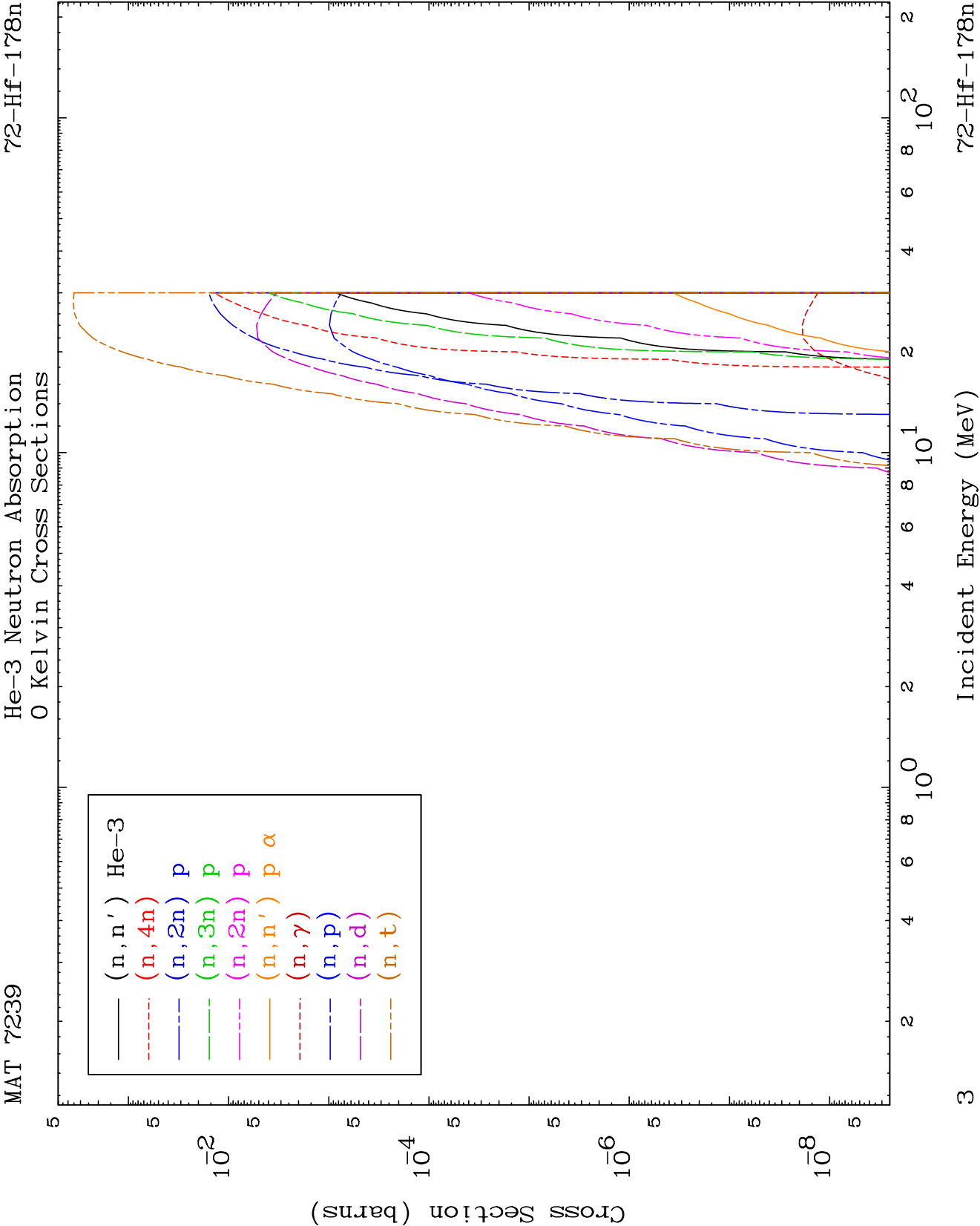
$^{72}\text{Hf}-^{178}\text{n}$

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He-3 Neutron Absorption
0 Kelvin Cross Sections

⁷²Hf-178n

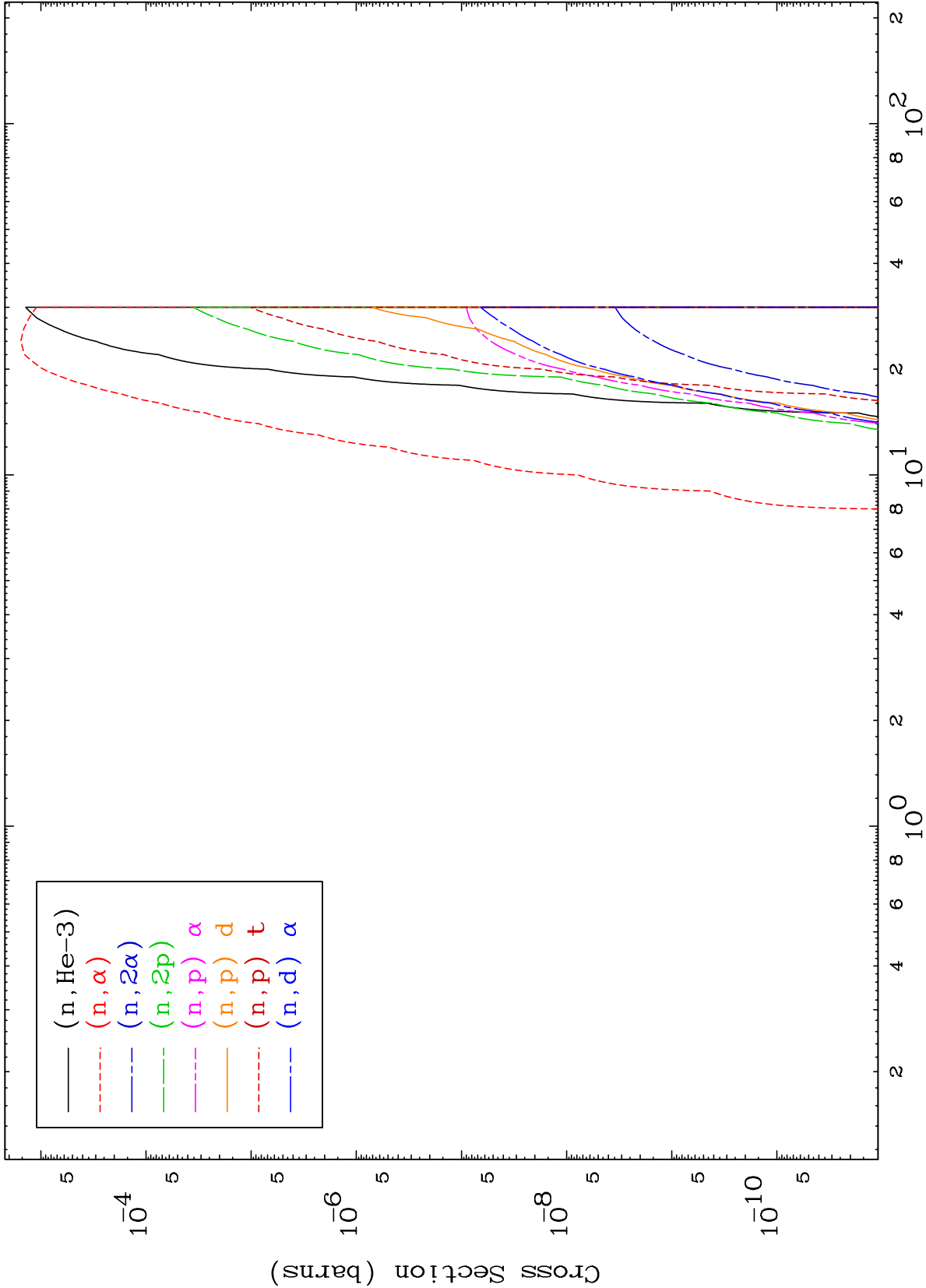




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He-3 Neutron Absorption
0 Kelvin Cross Sections

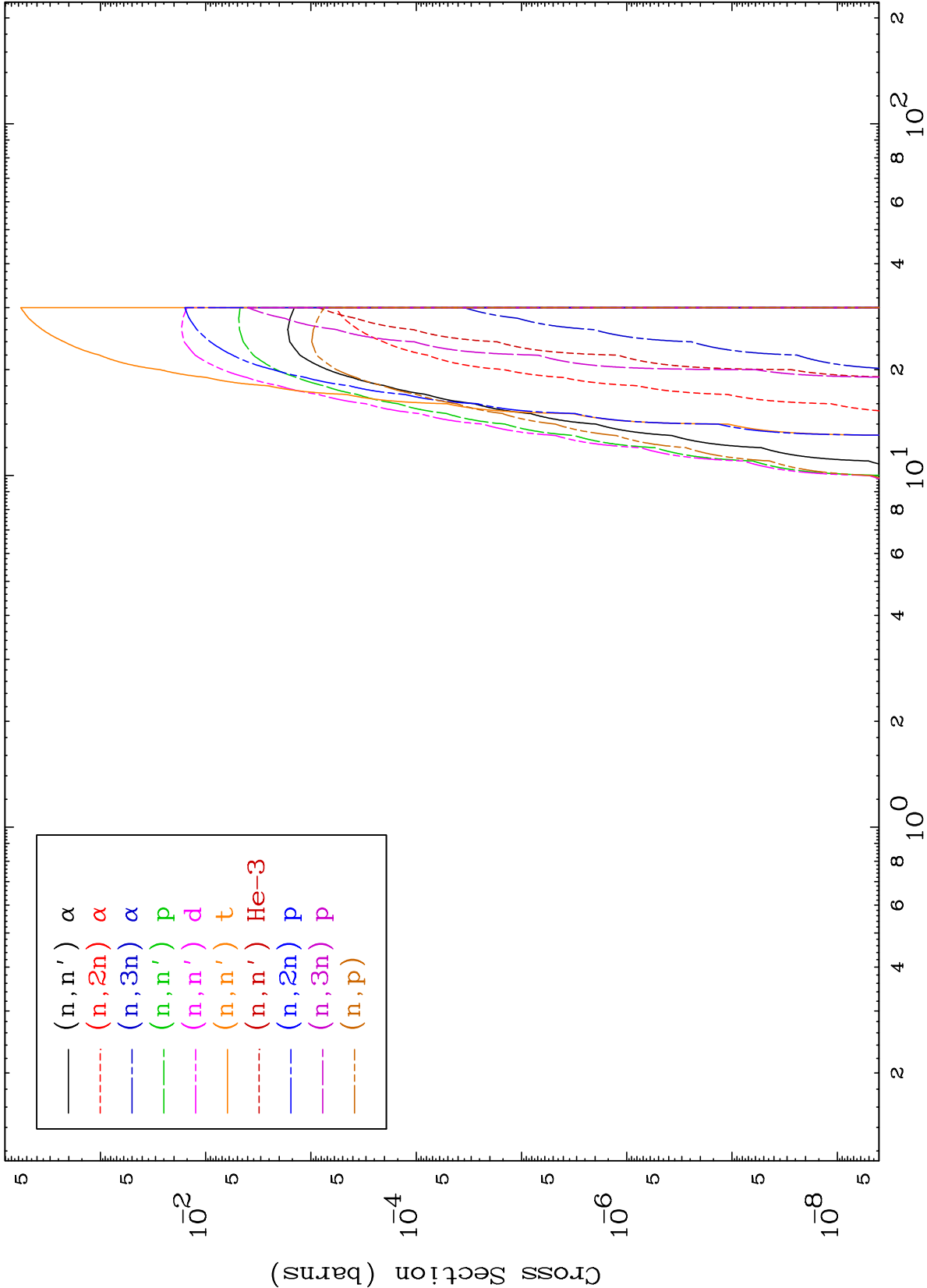
$^{72}\text{Hf}-^{178}\text{n}$



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He-3 Charged Particle
0 Kelvin Cross Sections

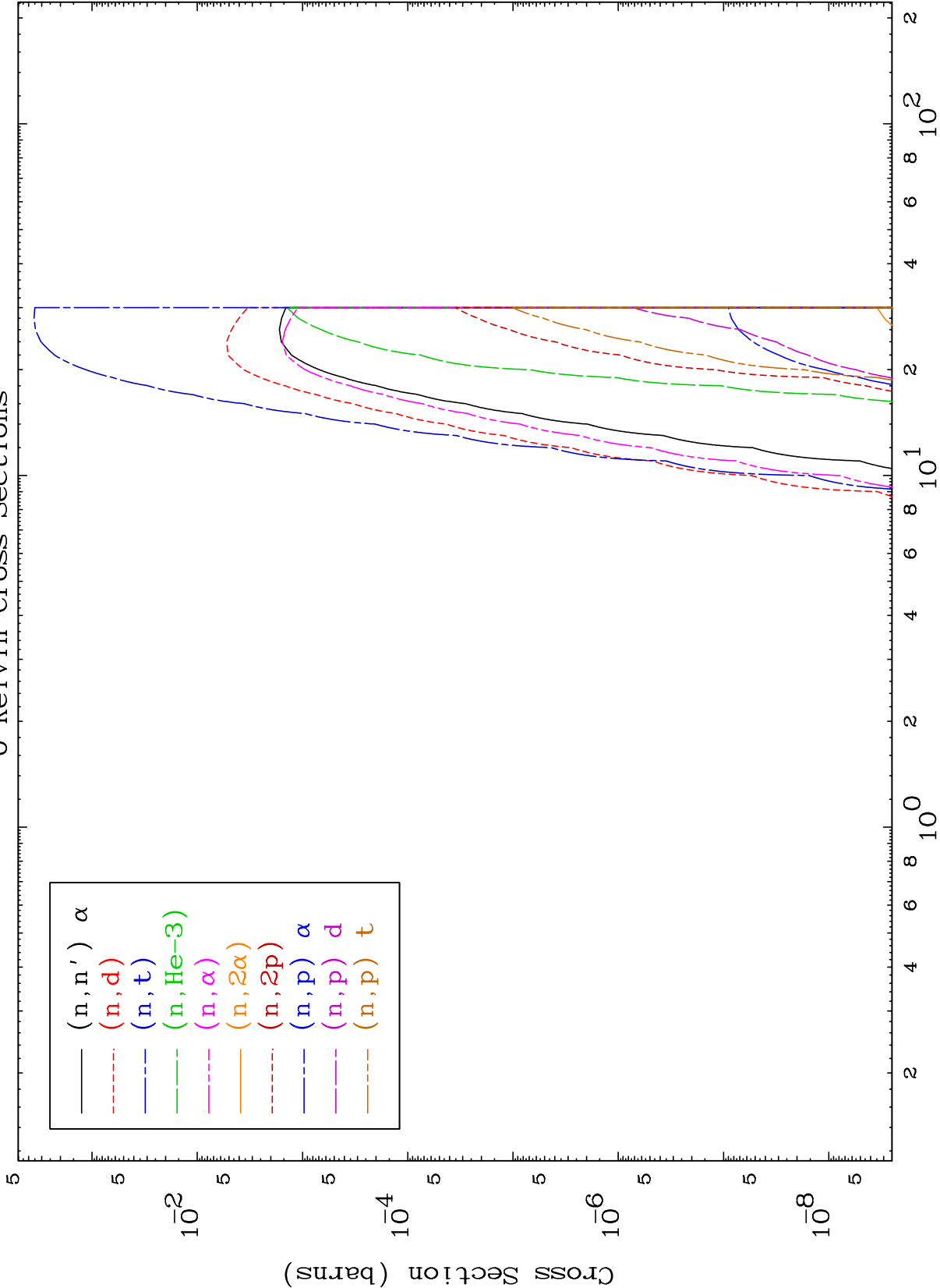
72-Hf-178n



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He-3 Charged Particle
0 Kelvin Cross Sections

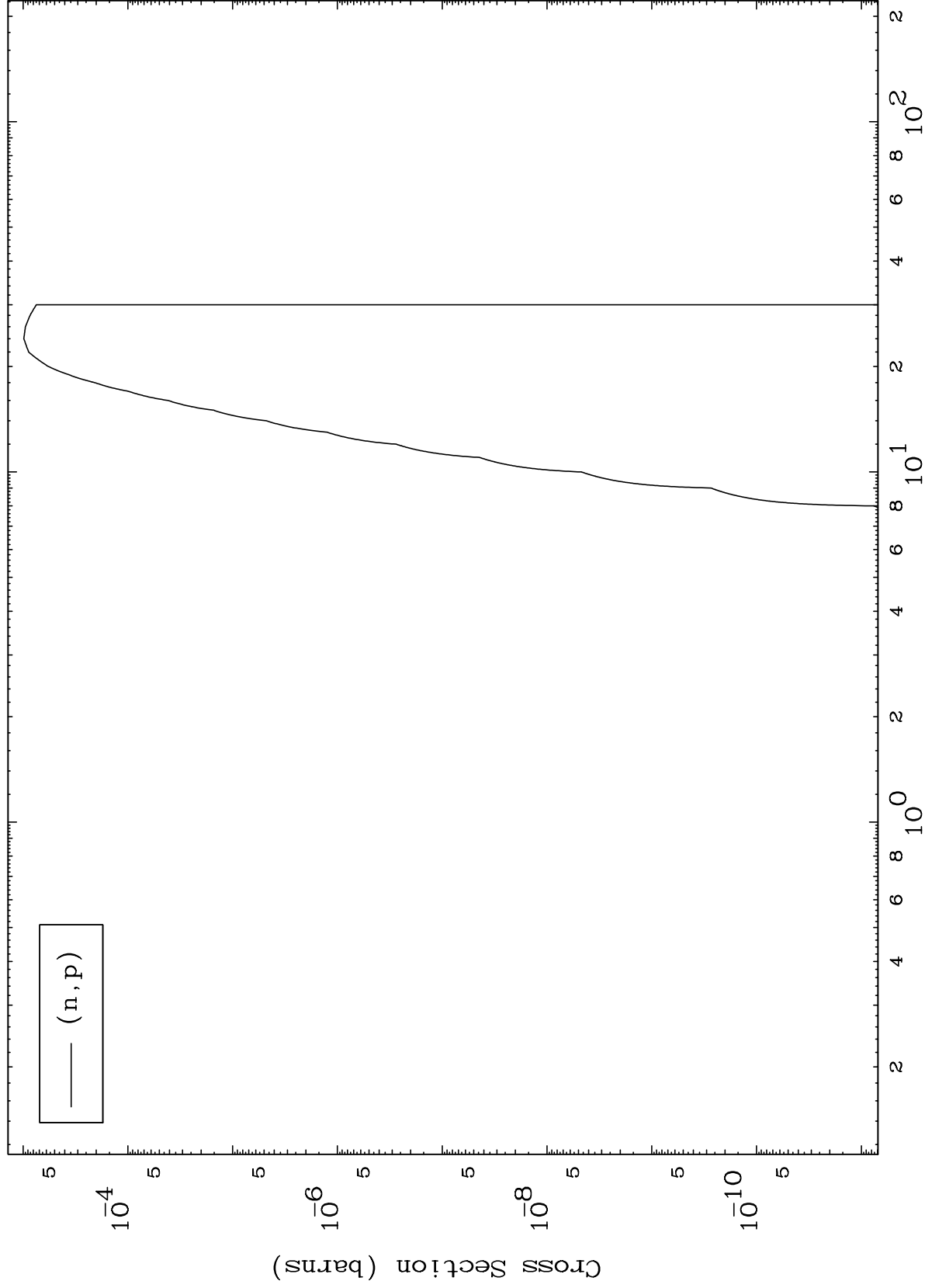
⁷²Hf-¹⁷⁸n



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$^{72}\text{Hf}-178\text{n}$

(He-3,p) Levels
0 Kelvin Cross Sections



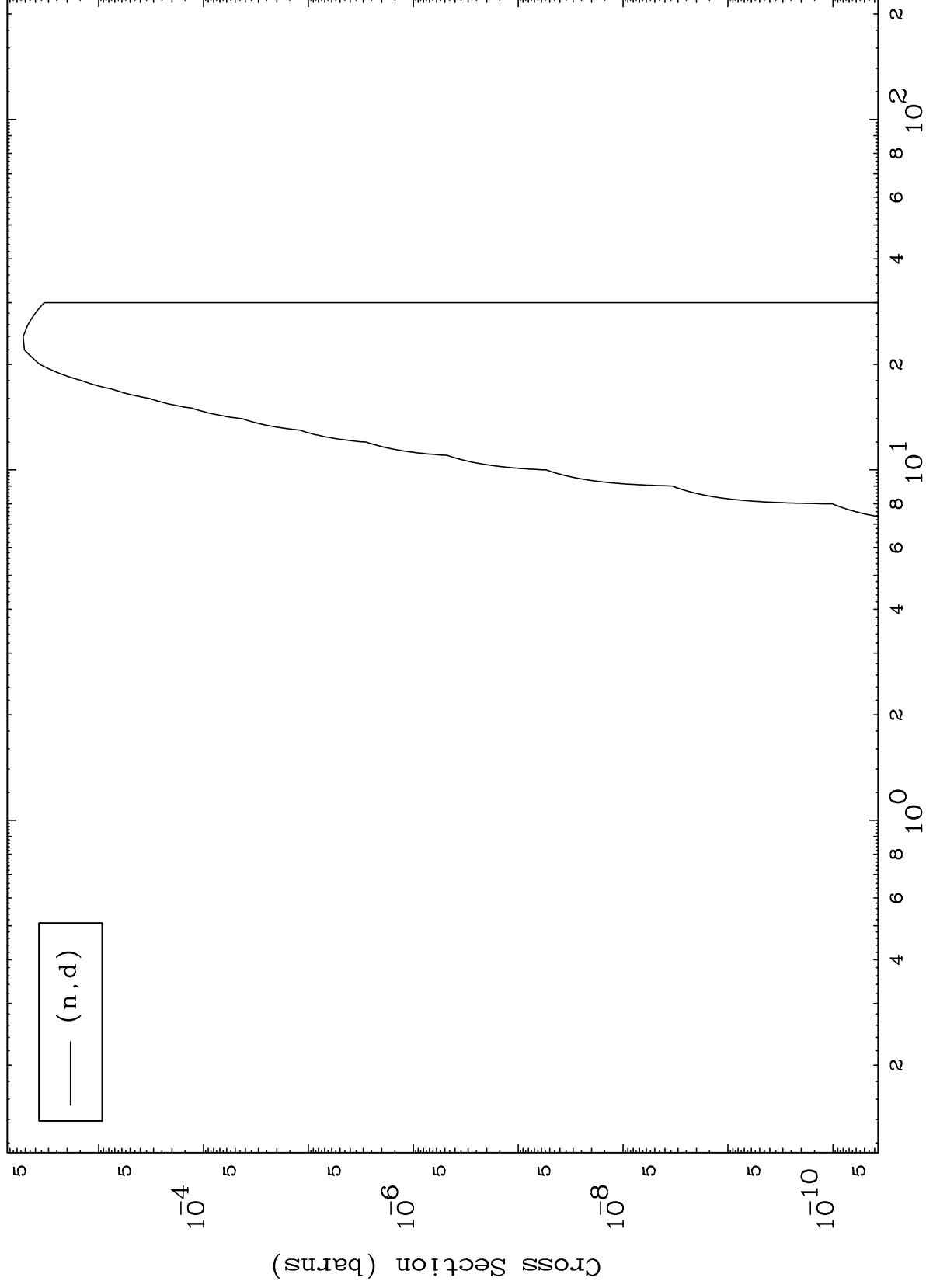
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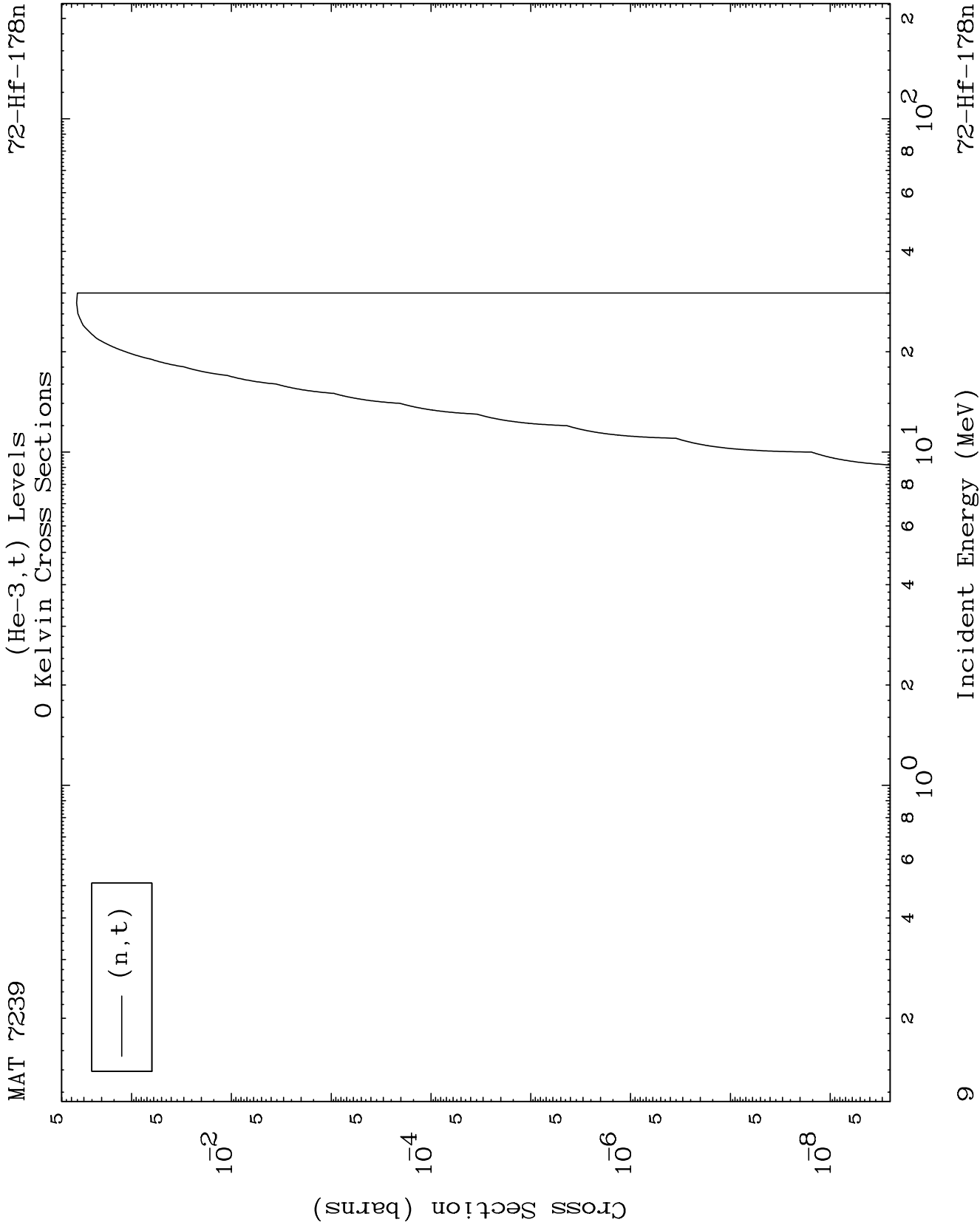
$^{72}\text{Hf}-178\text{n}$

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$^{72}\text{Hf}-178\text{n}$

(He-3,d) Levels
0 Kelvin Cross Sections



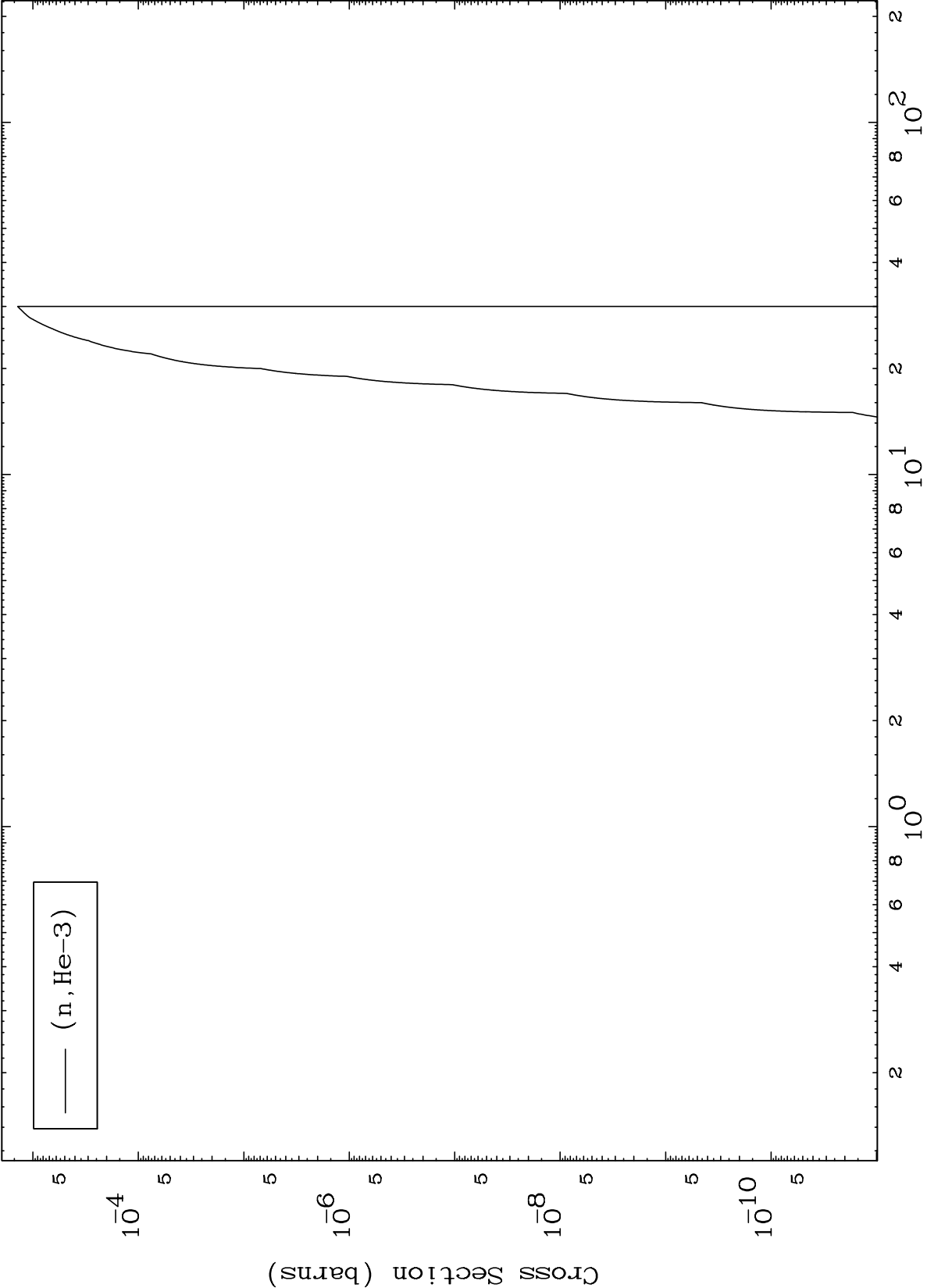


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(He-3, He3) Levels

72-Hf-178n

0 Kelvin Cross Sections

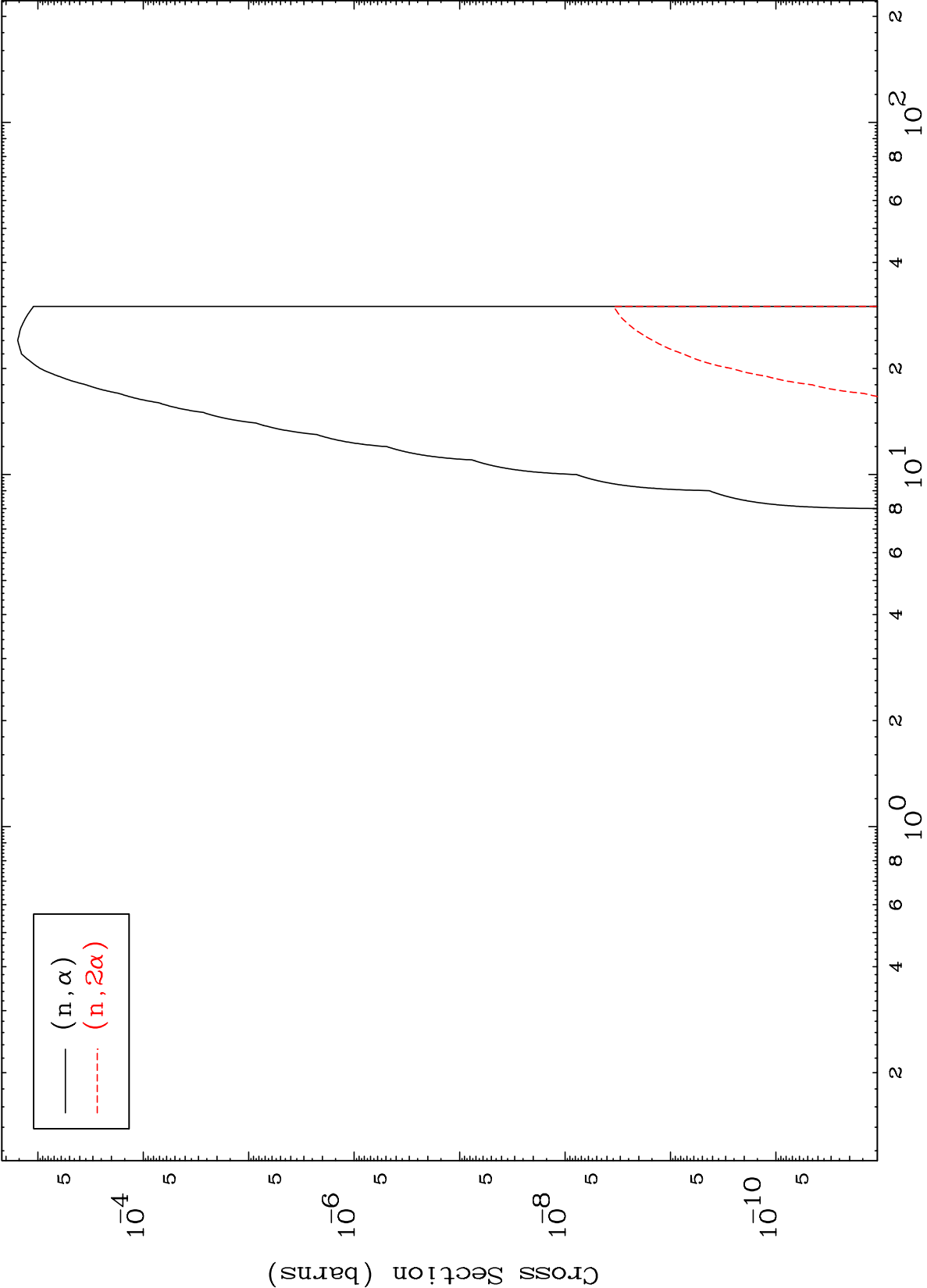


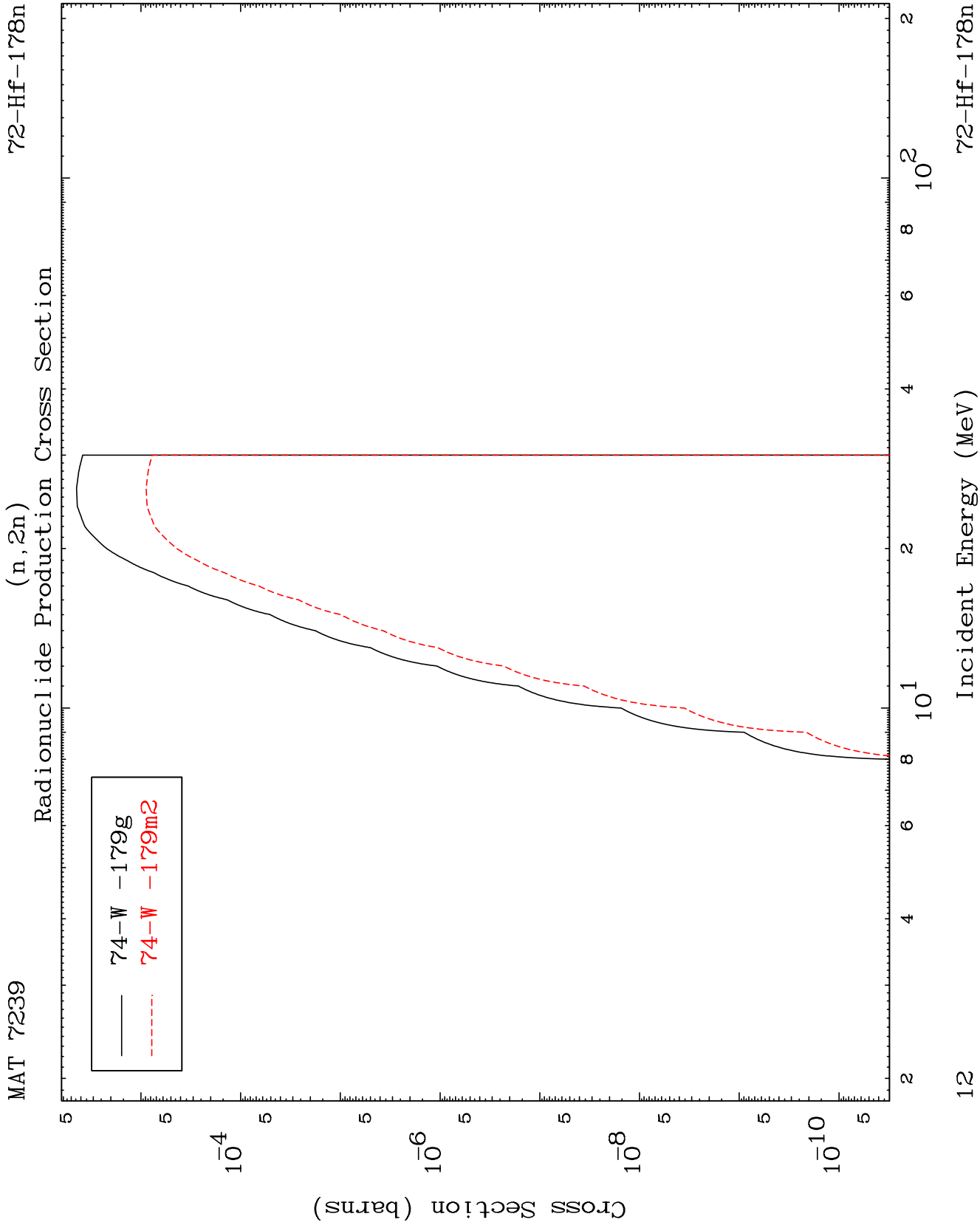
10

Incident Energy (MeV)

72-Hf-178n

0 Kelvin Cross Sections



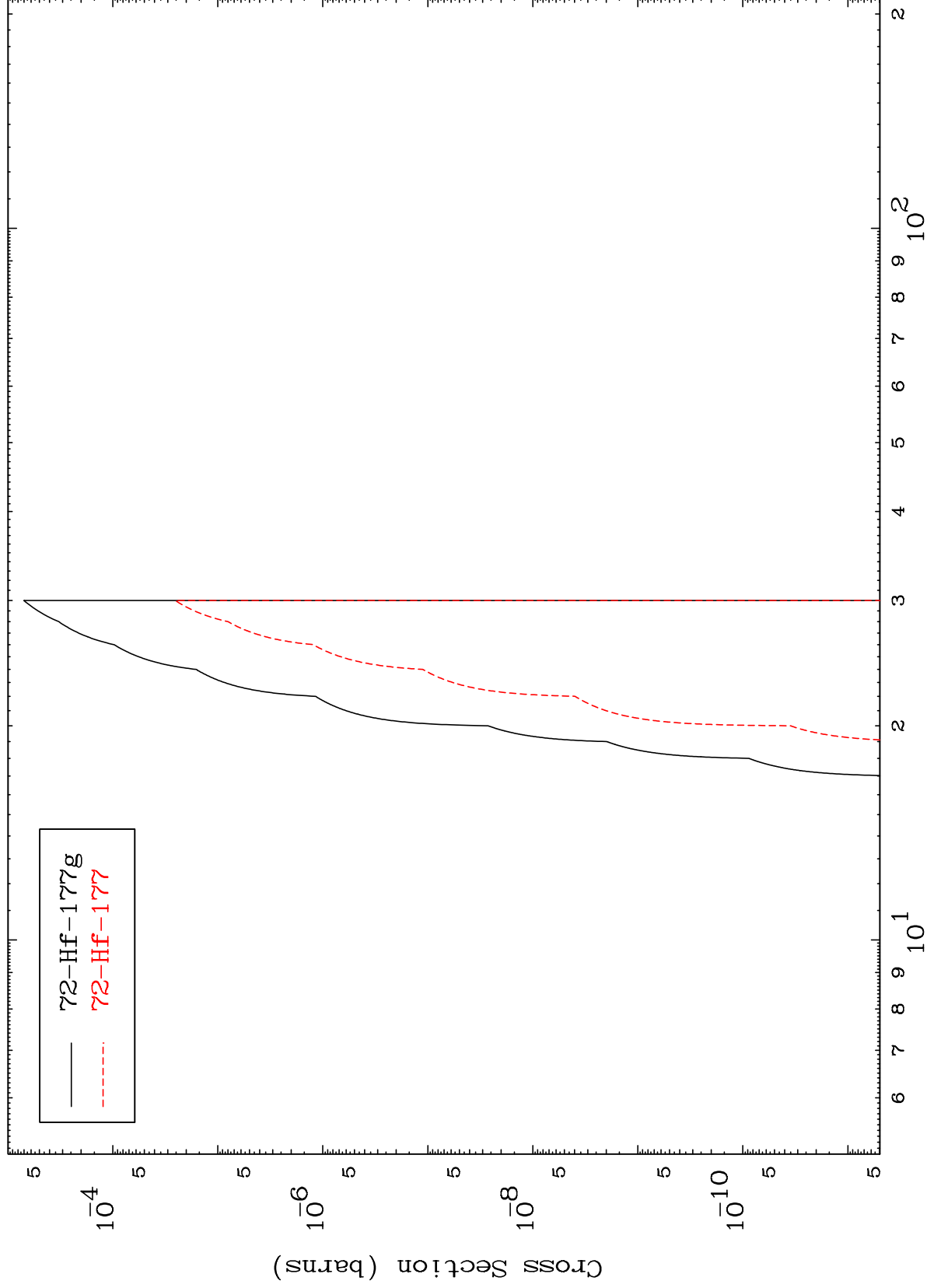


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(n,n') He-3

⁷²Hf-178n

Radionuclide Production Cross Section



13

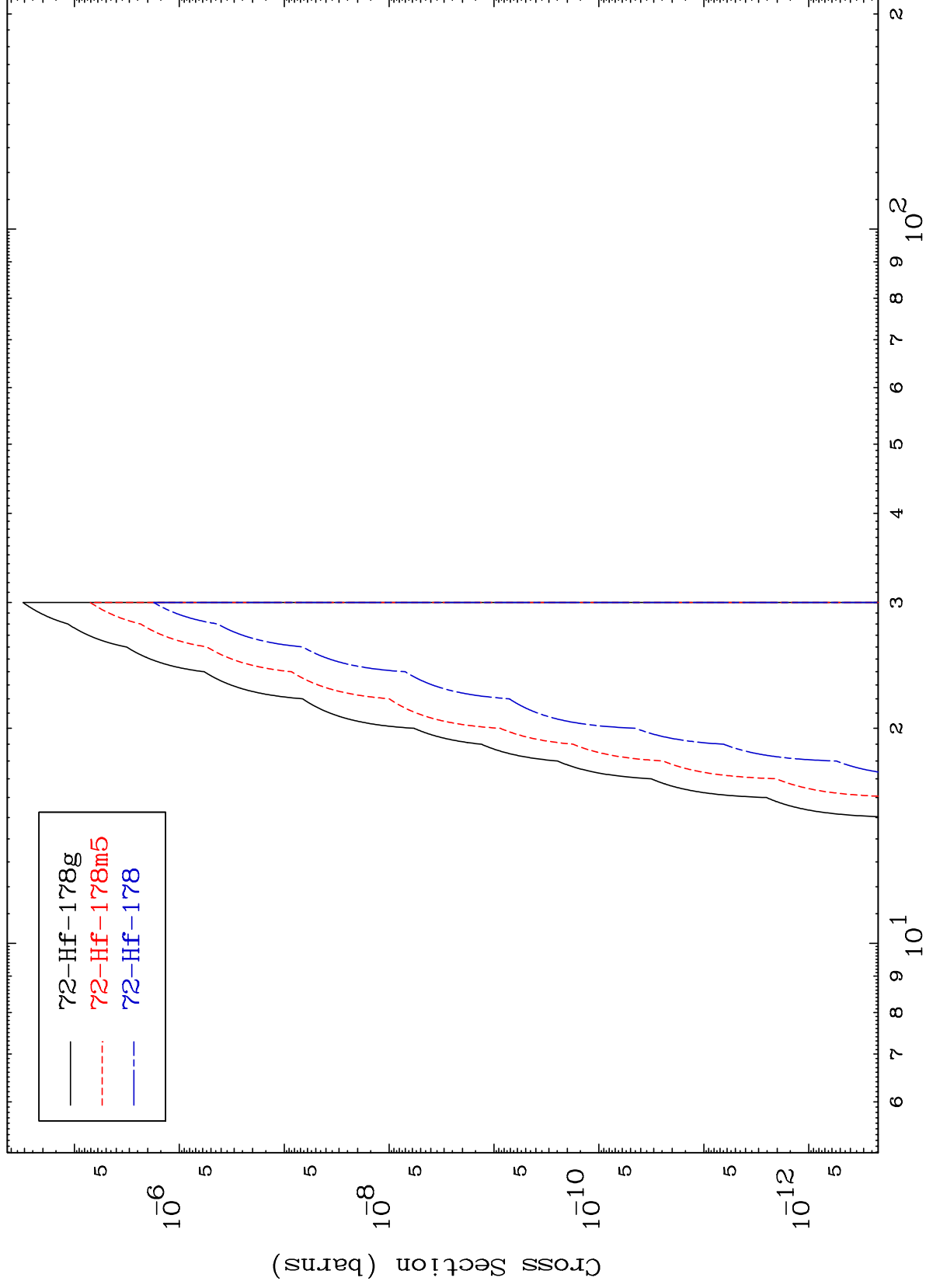
Incident Energy (MeV)

⁷²Hf-178n

MAT 7239

$^{72}\text{Hf}-178\text{n}$

Radionuclide Production Cross Section



14

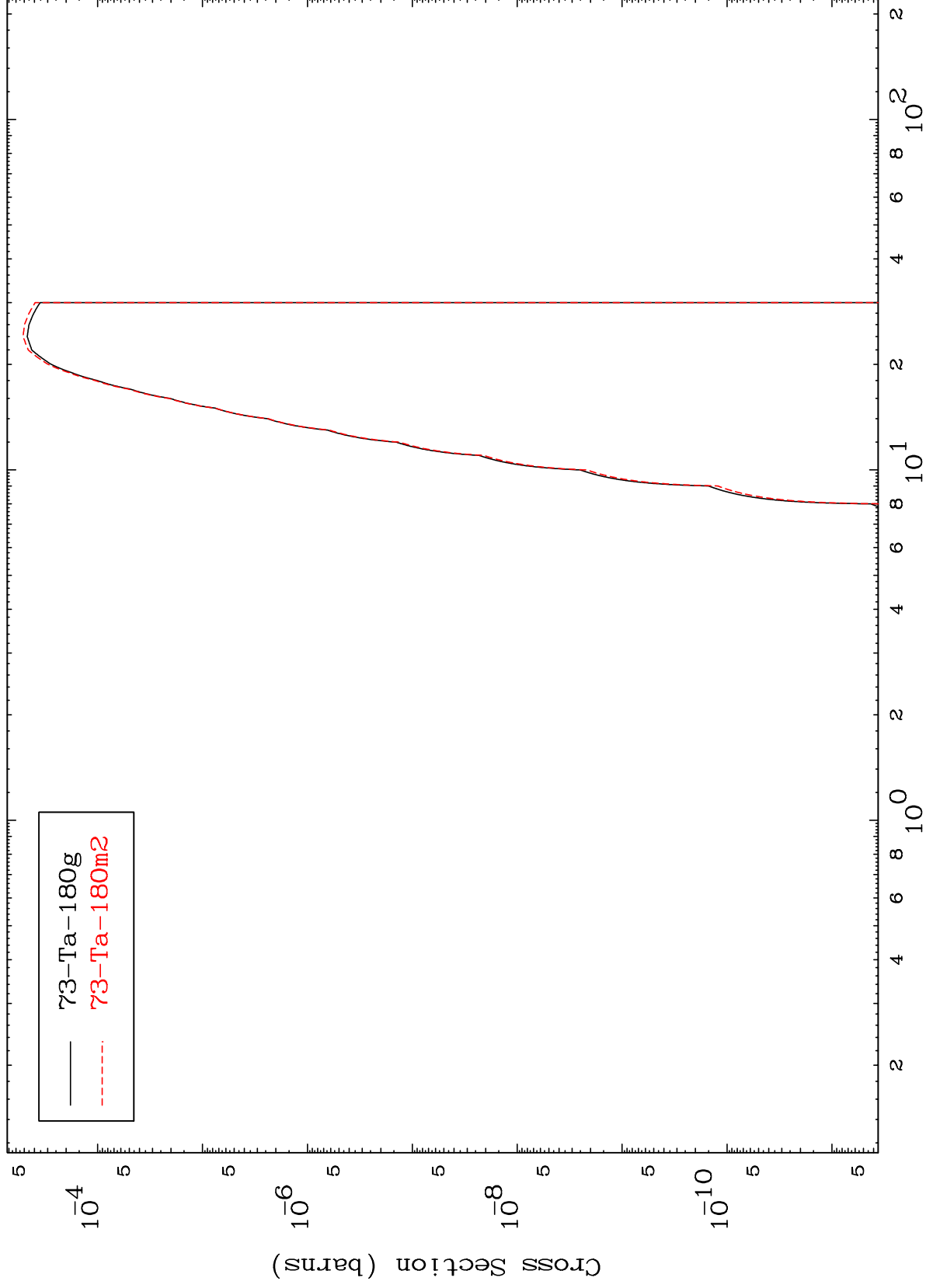
Incident Energy (MeV)

$^{72}\text{Hf}-178\text{n}$

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$^{72}\text{Hf}-^{178}\text{n}$

Radionuclide Production Cross Section



Incident Energy (MeV)

$^{72}\text{Hf}-^{178}\text{n}$

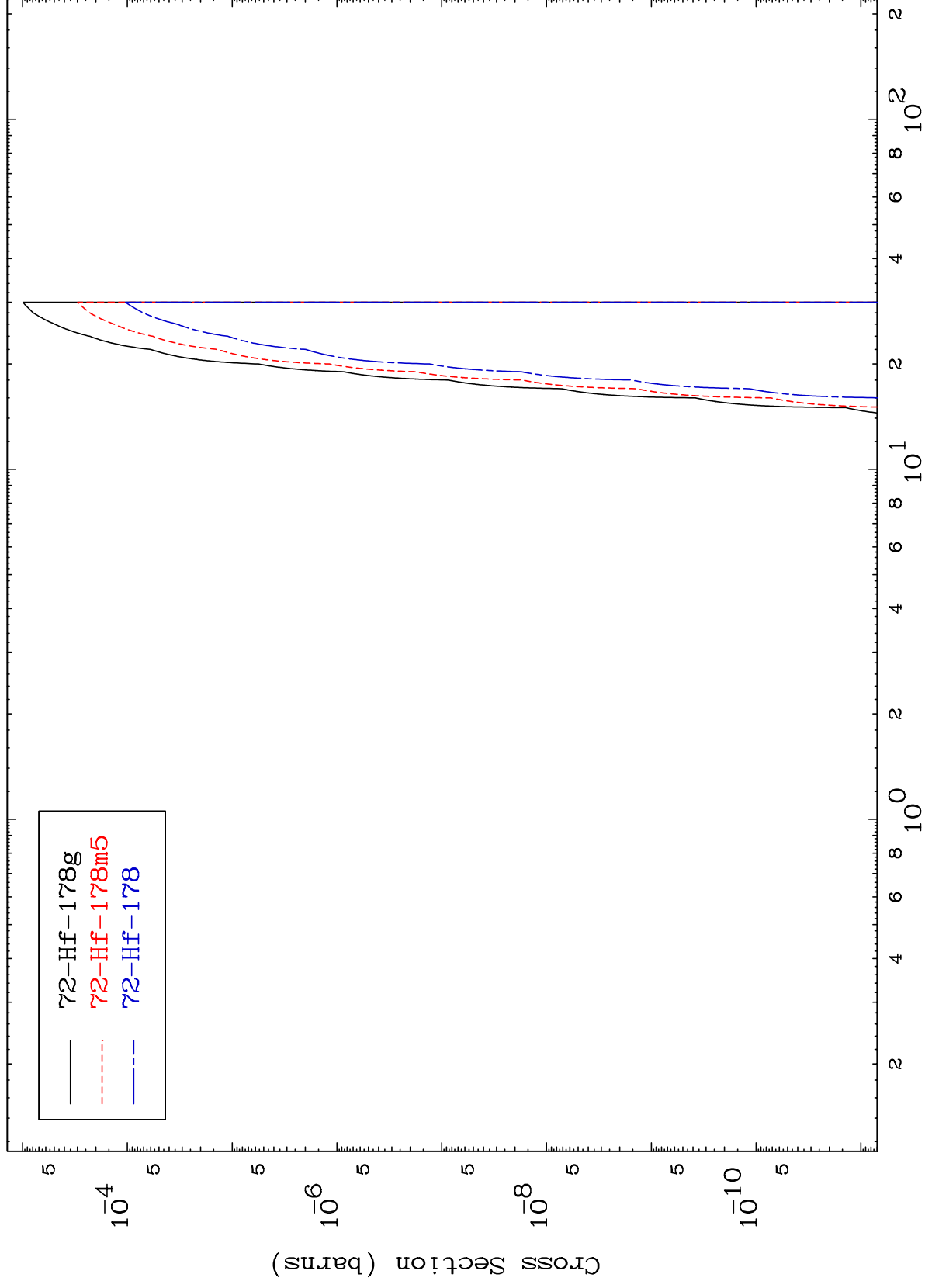
15

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(n,He-3)

⁷²Hf-178n

Radionuclide Production Cross Section



16

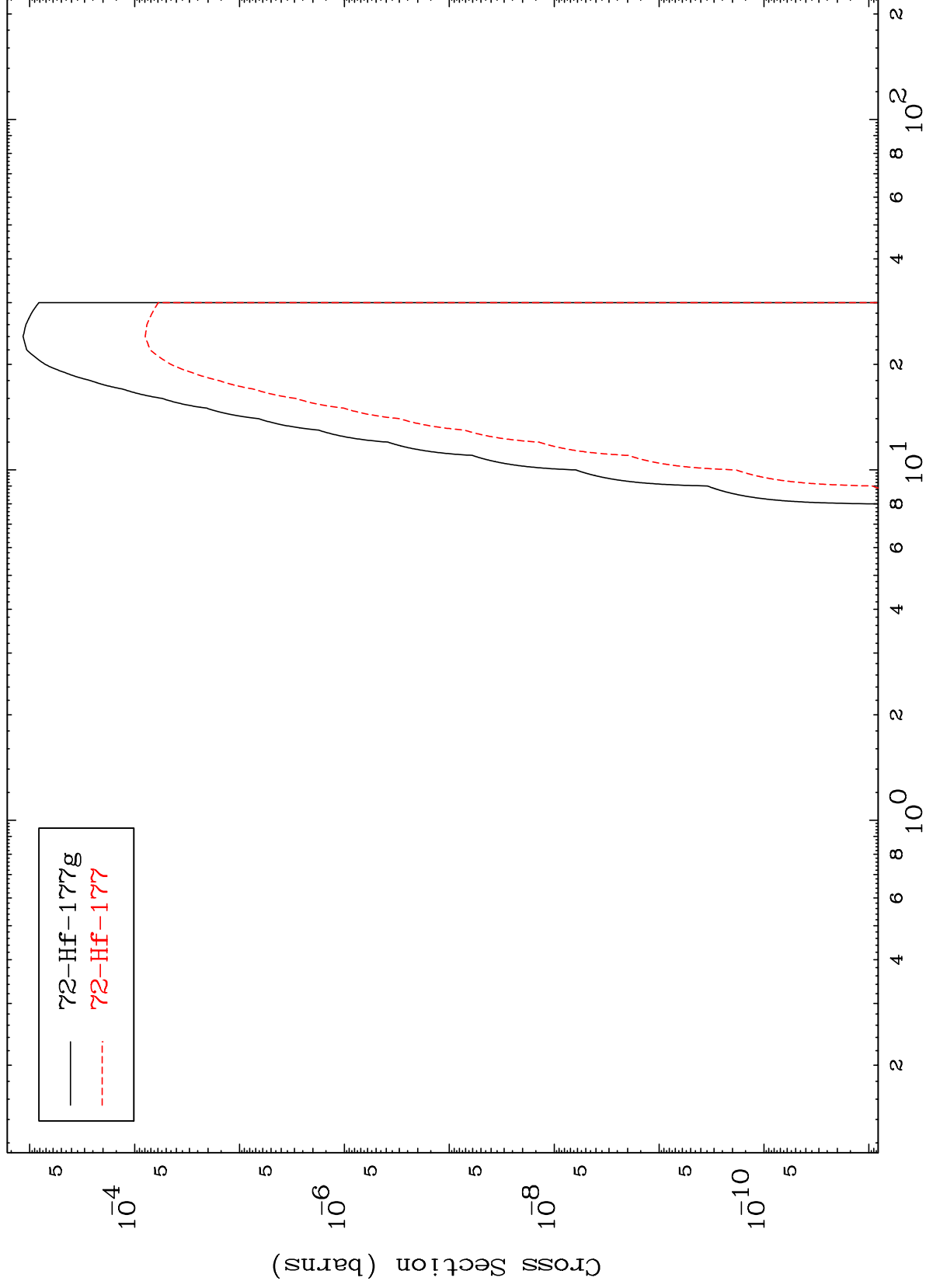
Incident Energy (MeV)

⁷²Hf-178n

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$^{72}\text{Hf}-^{178}\text{n}$

Radionuclide Production Cross Section



17

Incident Energy (MeV)

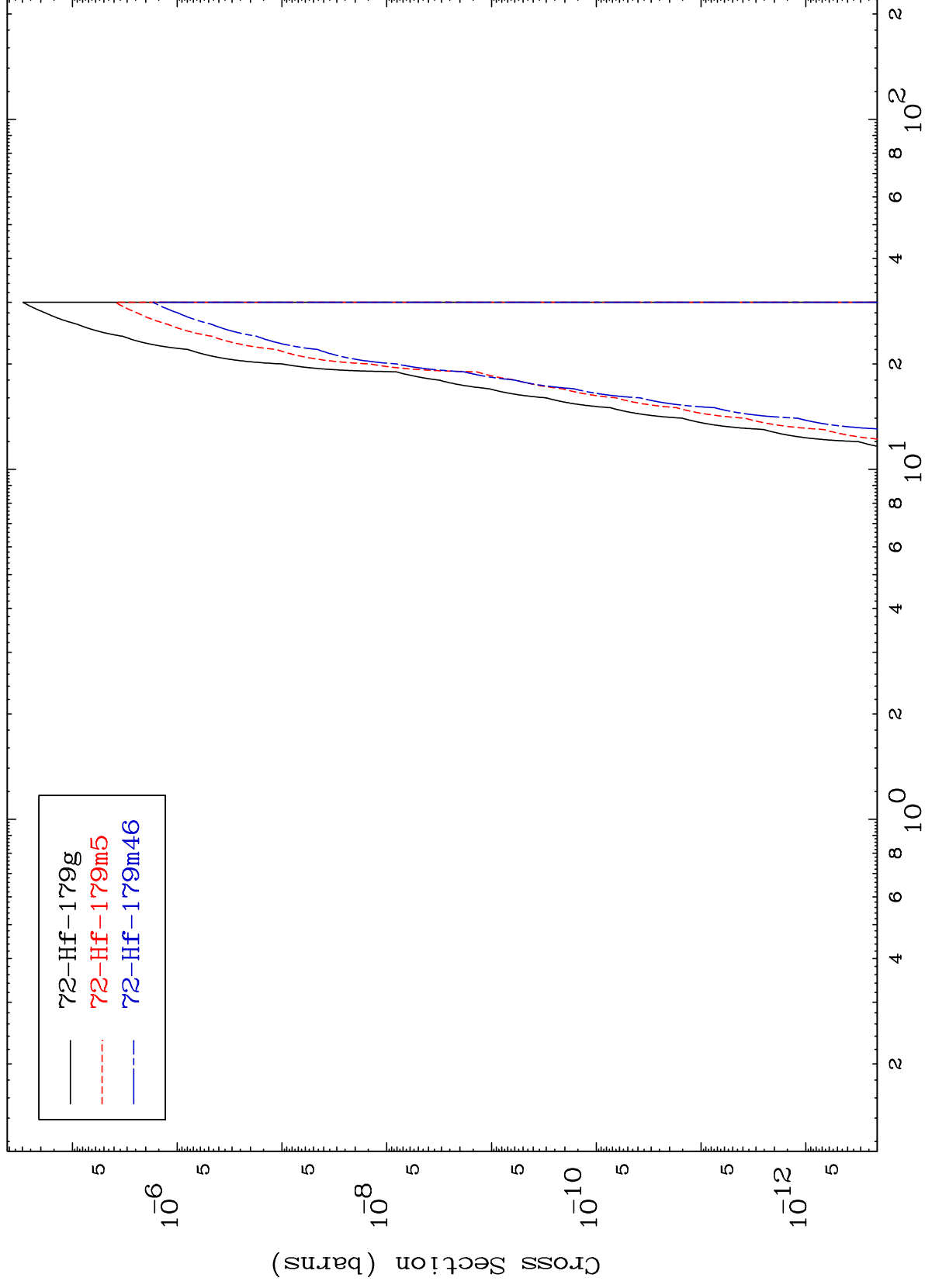
$^{72}\text{Hf}-^{178}\text{n}$

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(n,2p)

$^{72}\text{Hf}-^{178}\text{n}$

Radionuclide Production Cross Section



18

Incident Energy (MeV)

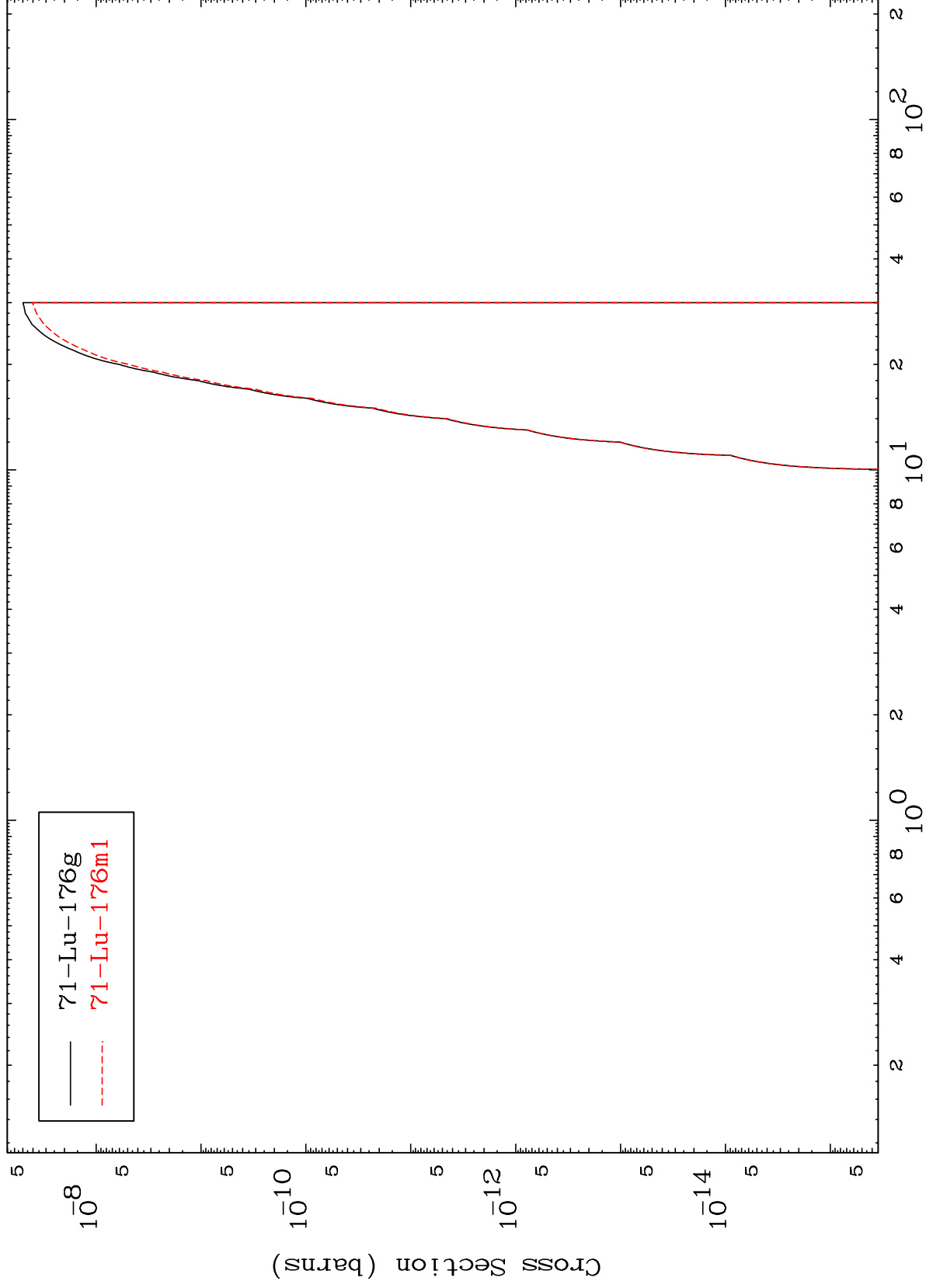
$^{72}\text{Hf}-^{178}\text{n}$

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(n,p) α

$^{72}\text{Hf}-^{178}\text{n}$

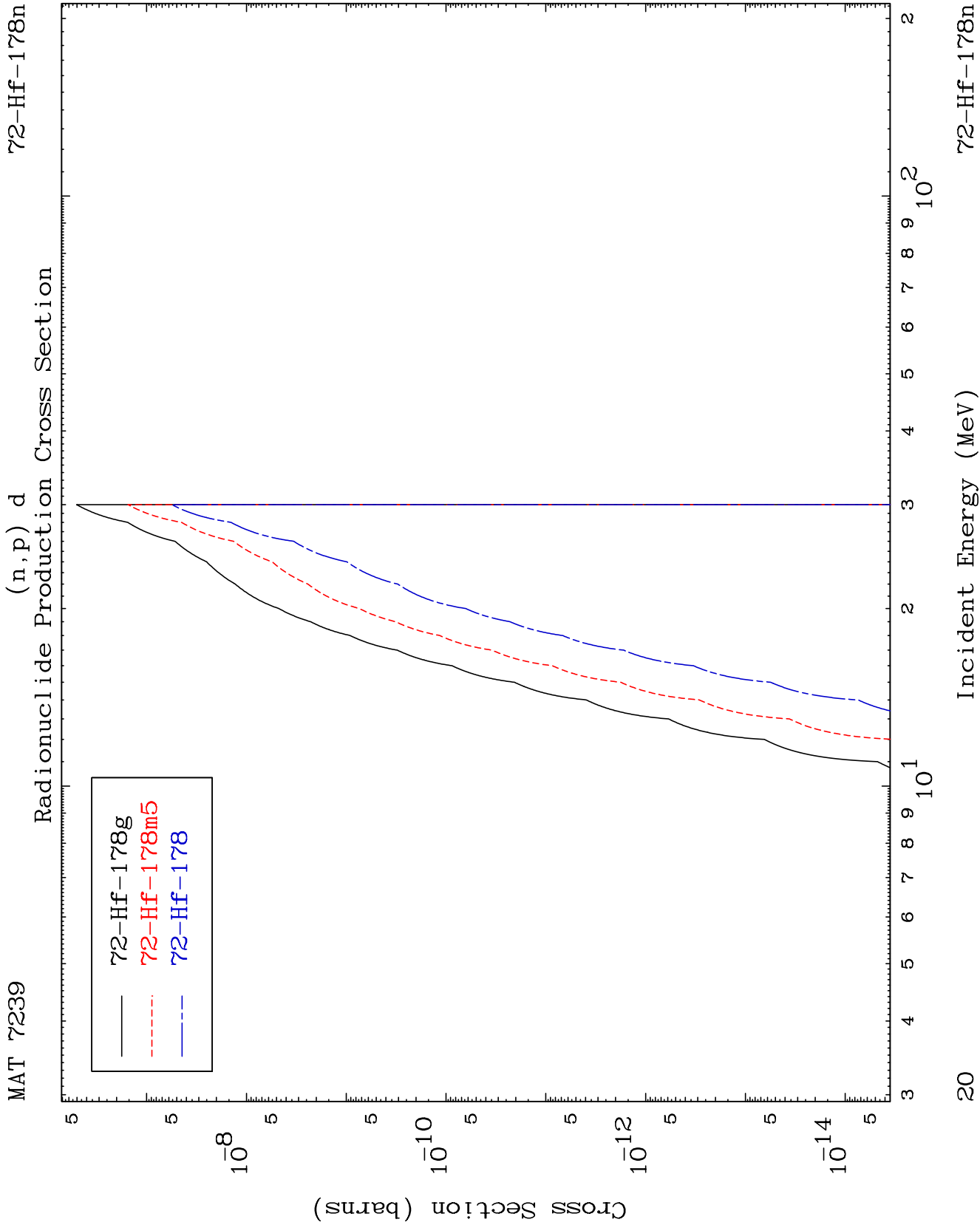
Radionuclide Production Cross Section



19

Incident Energy (MeV)

$^{72}\text{Hf}-^{178}\text{n}$

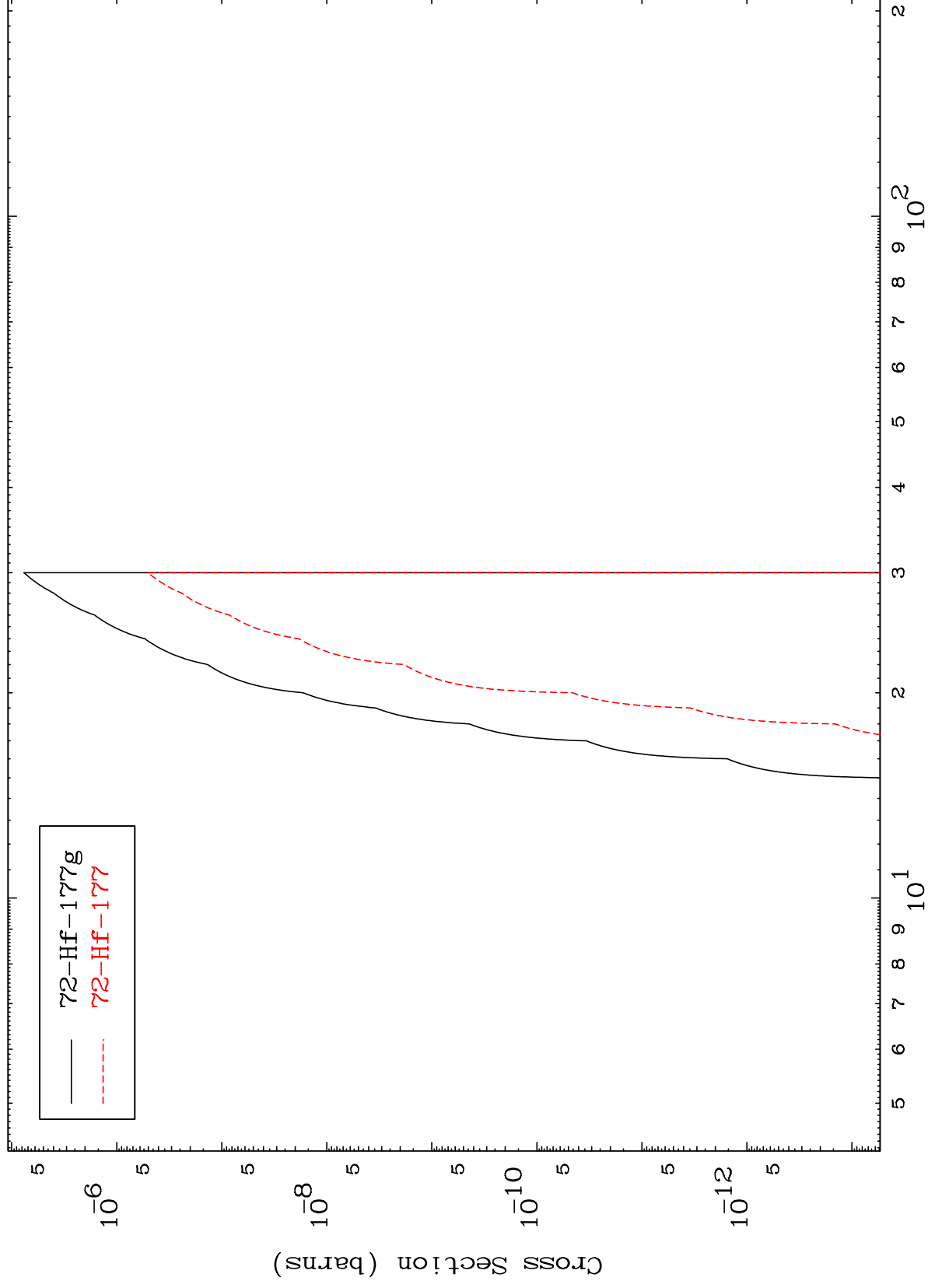


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(n,p) t

$^{72}\text{Hf}-^{178}\text{n}$

Radionuclide Production Cross Section



21

Incident Energy (MeV)

$^{72}\text{Hf}-^{178}\text{n}$