

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

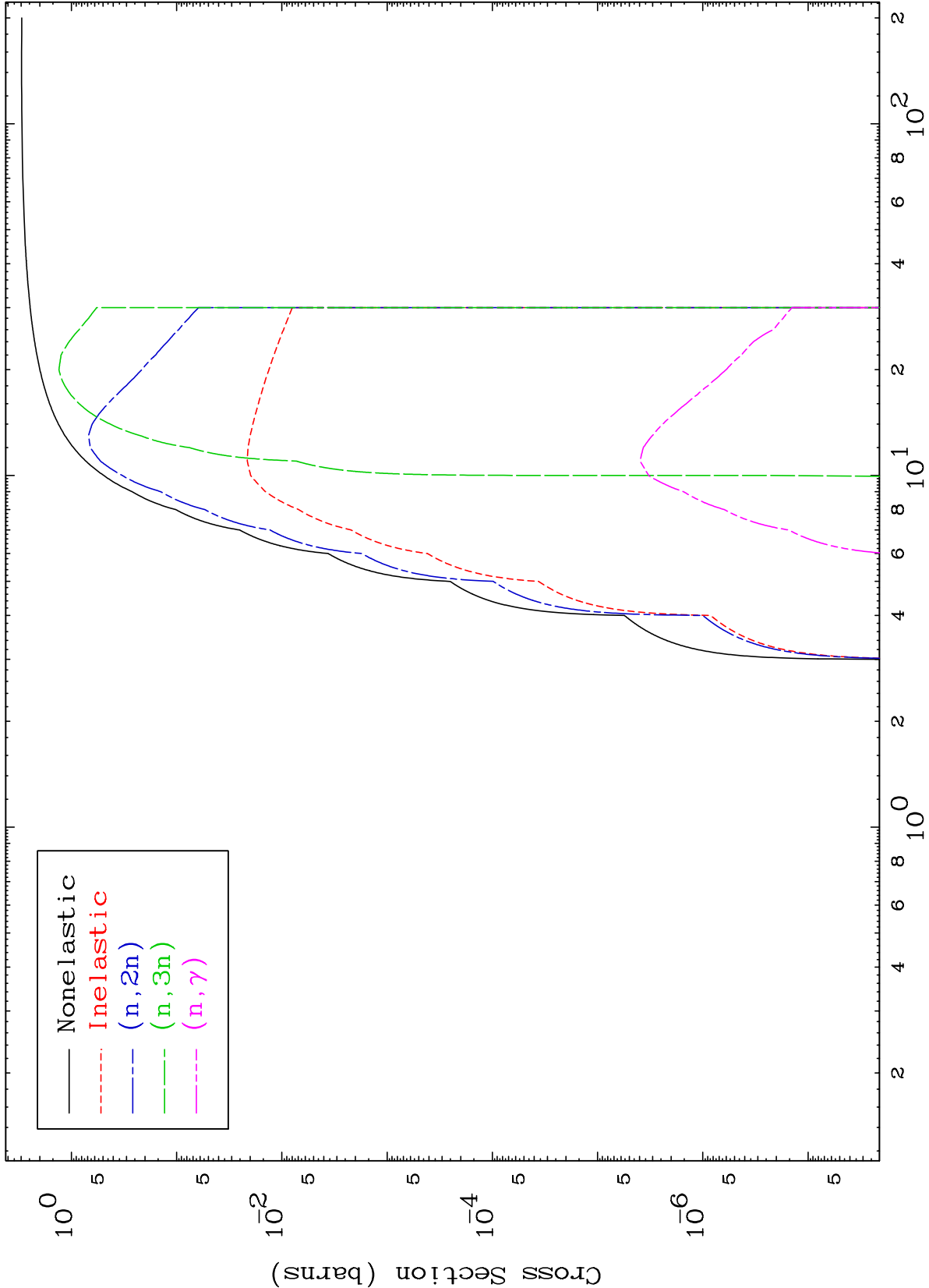
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

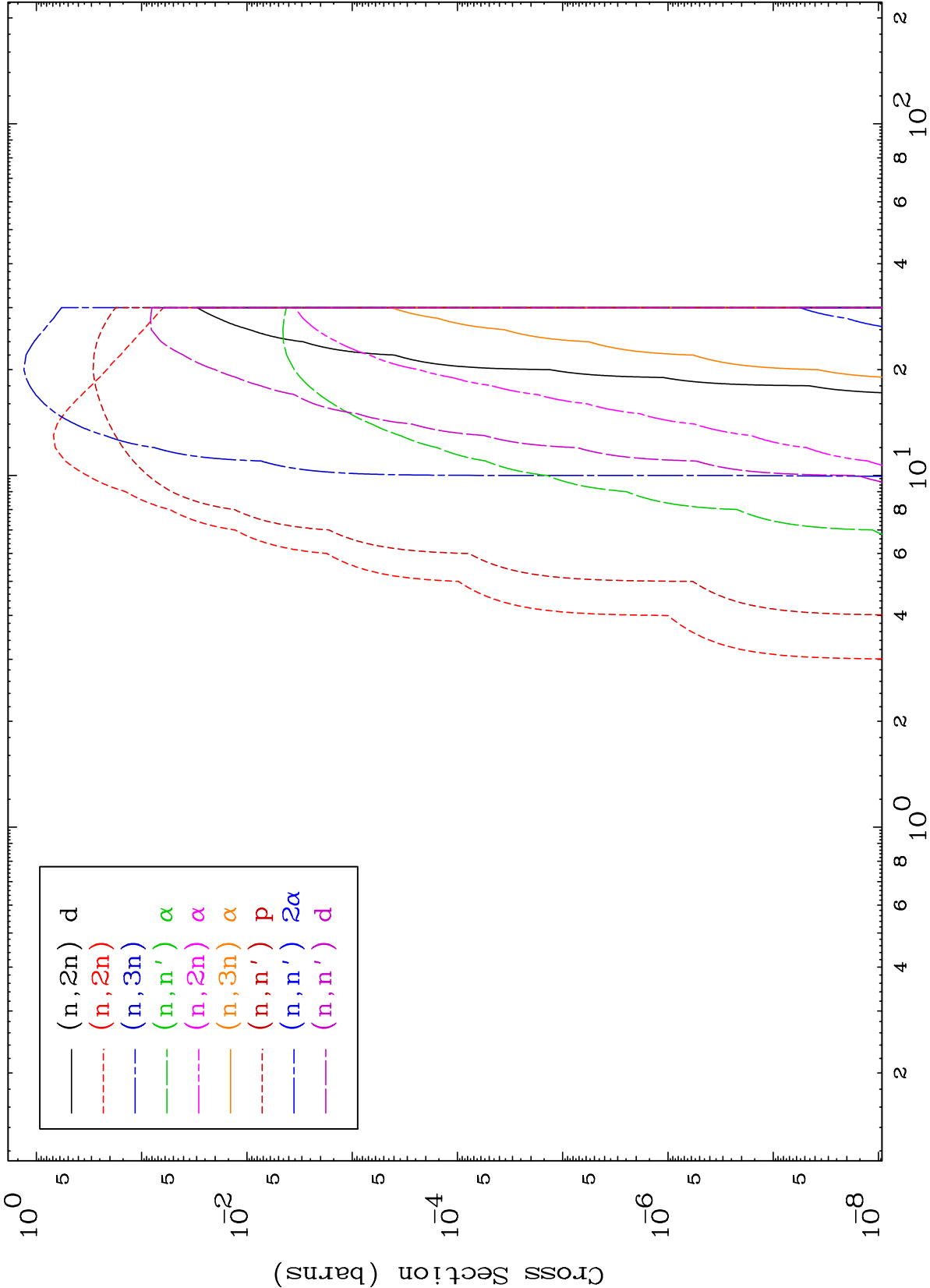
0 Kelvin Cross Sections



MAT 7242

Deuteron Neutron Absorption
0 Kelvin Cross Sections

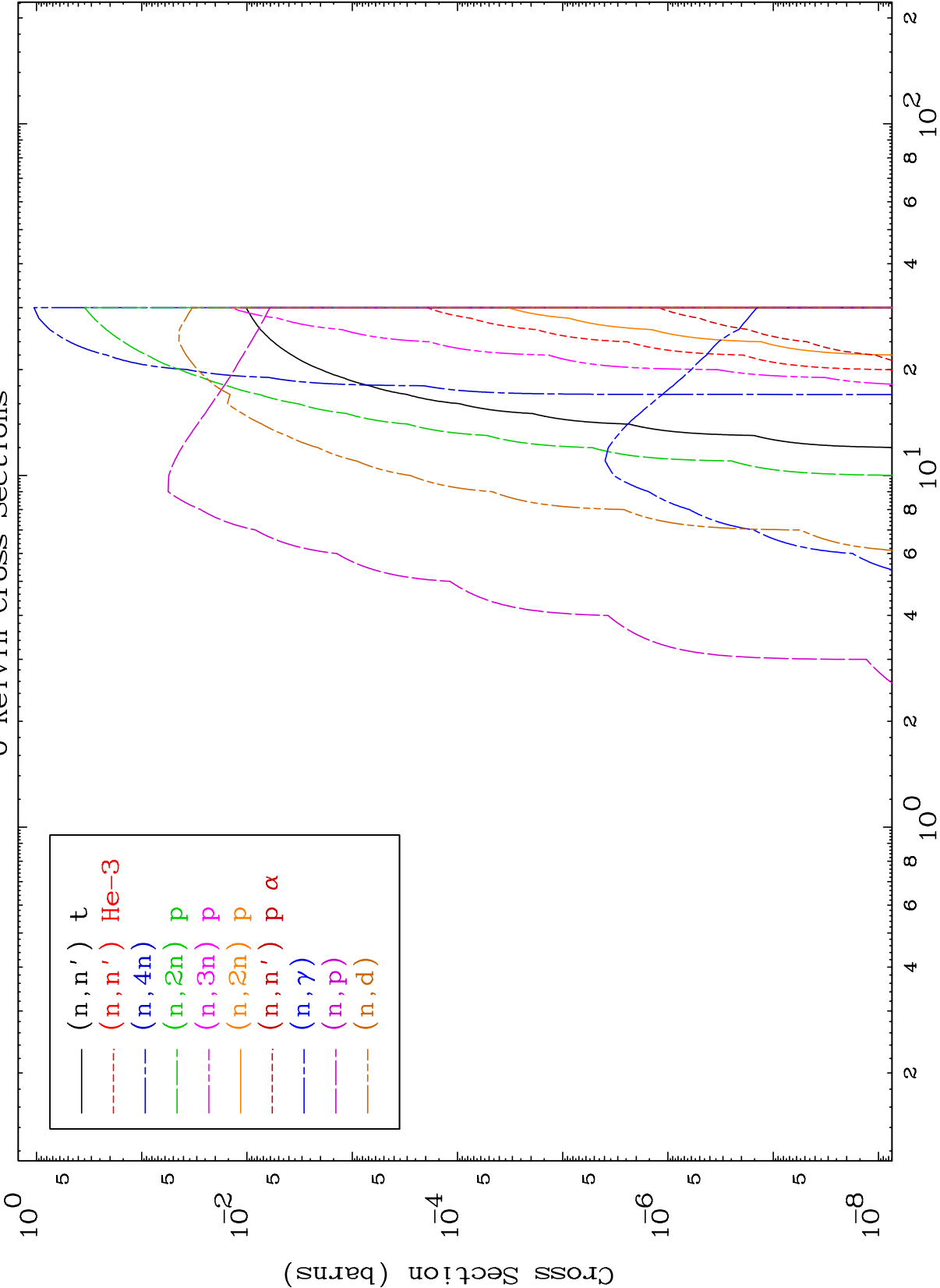
$^{72}\text{Hf}-^{179}\text{n}$



MAT 7242

Deuteron Neutron Absorption
0 Kelvin Cross Sections

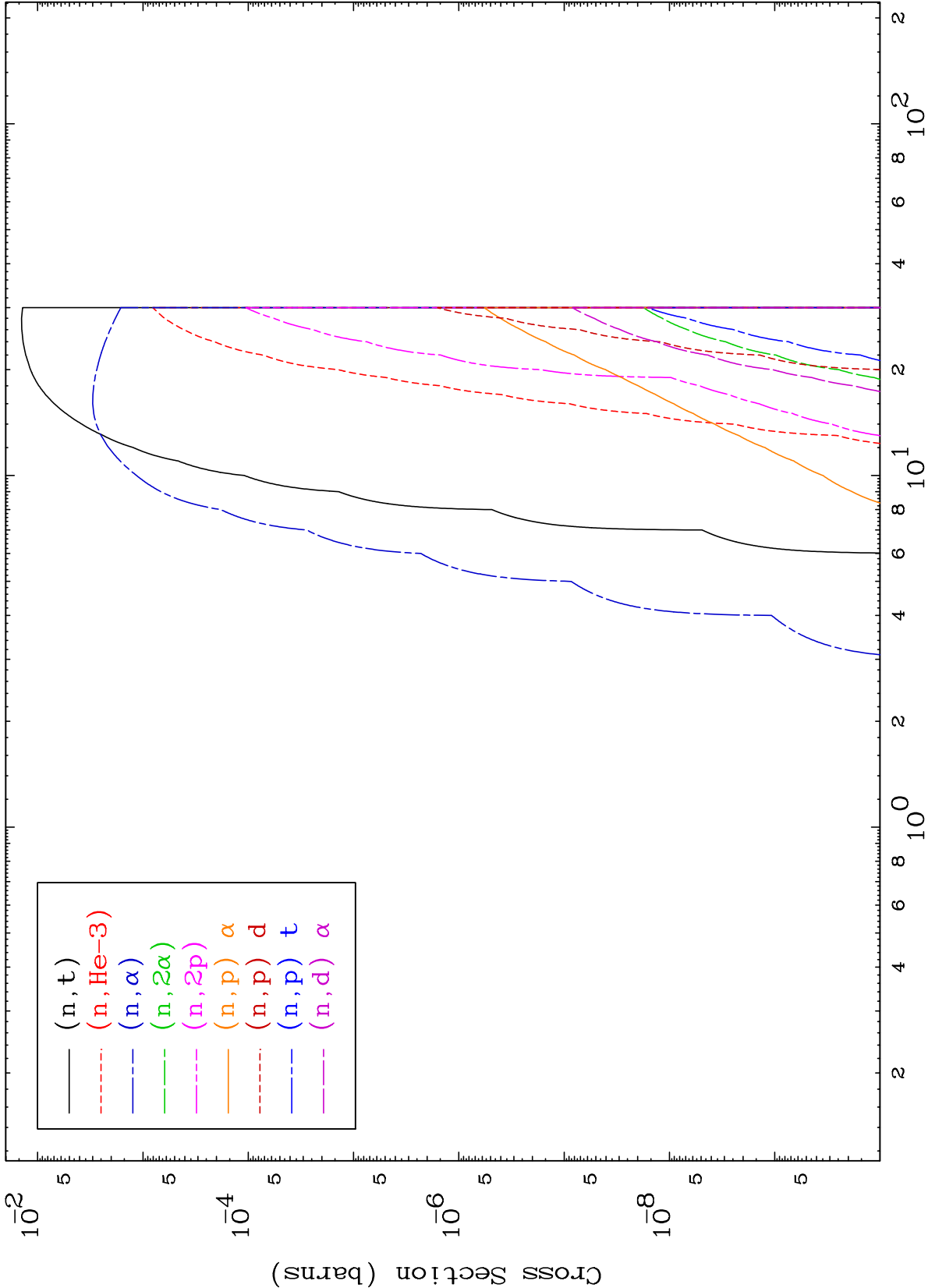
⁷²Hf-179n

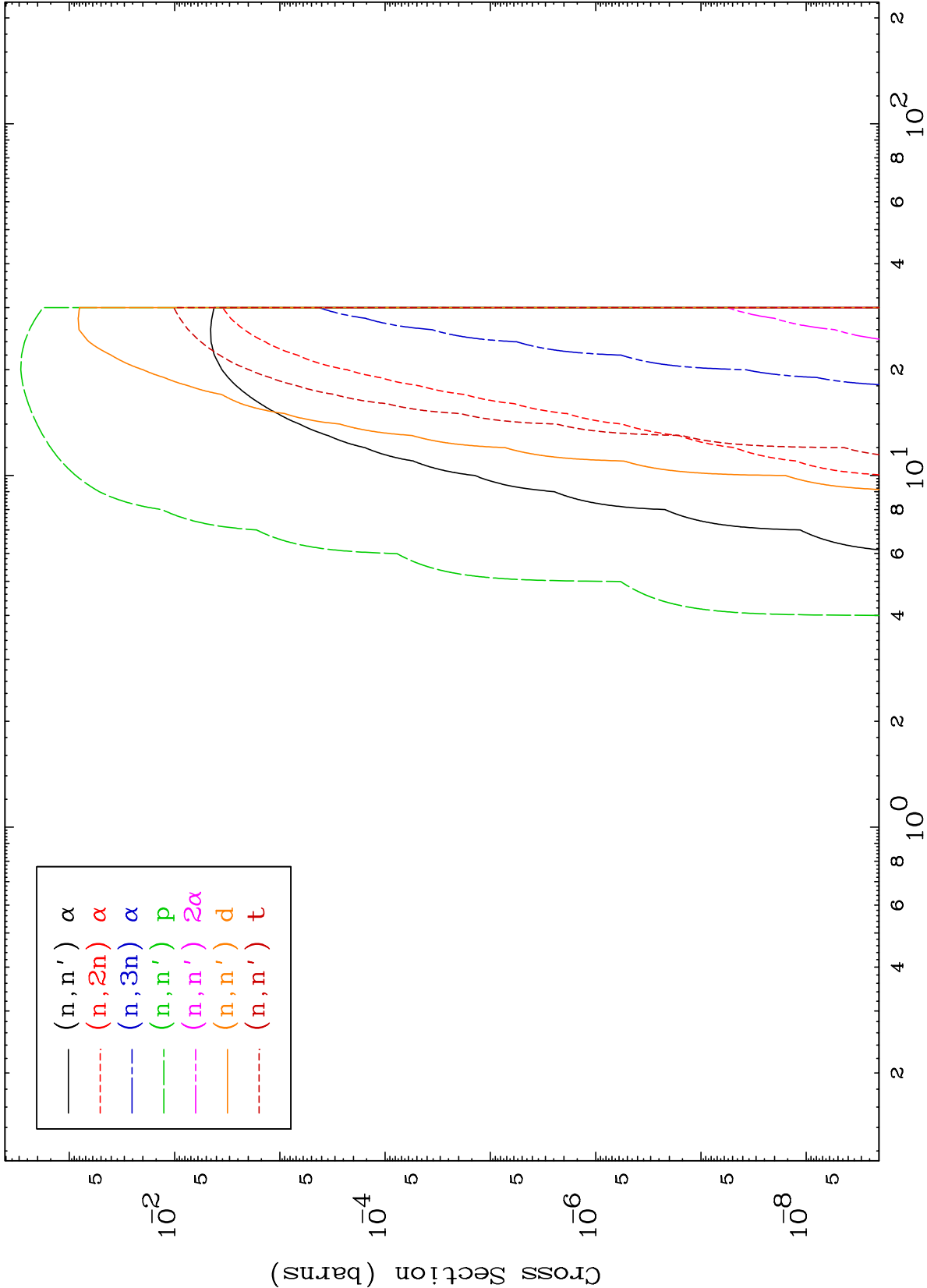


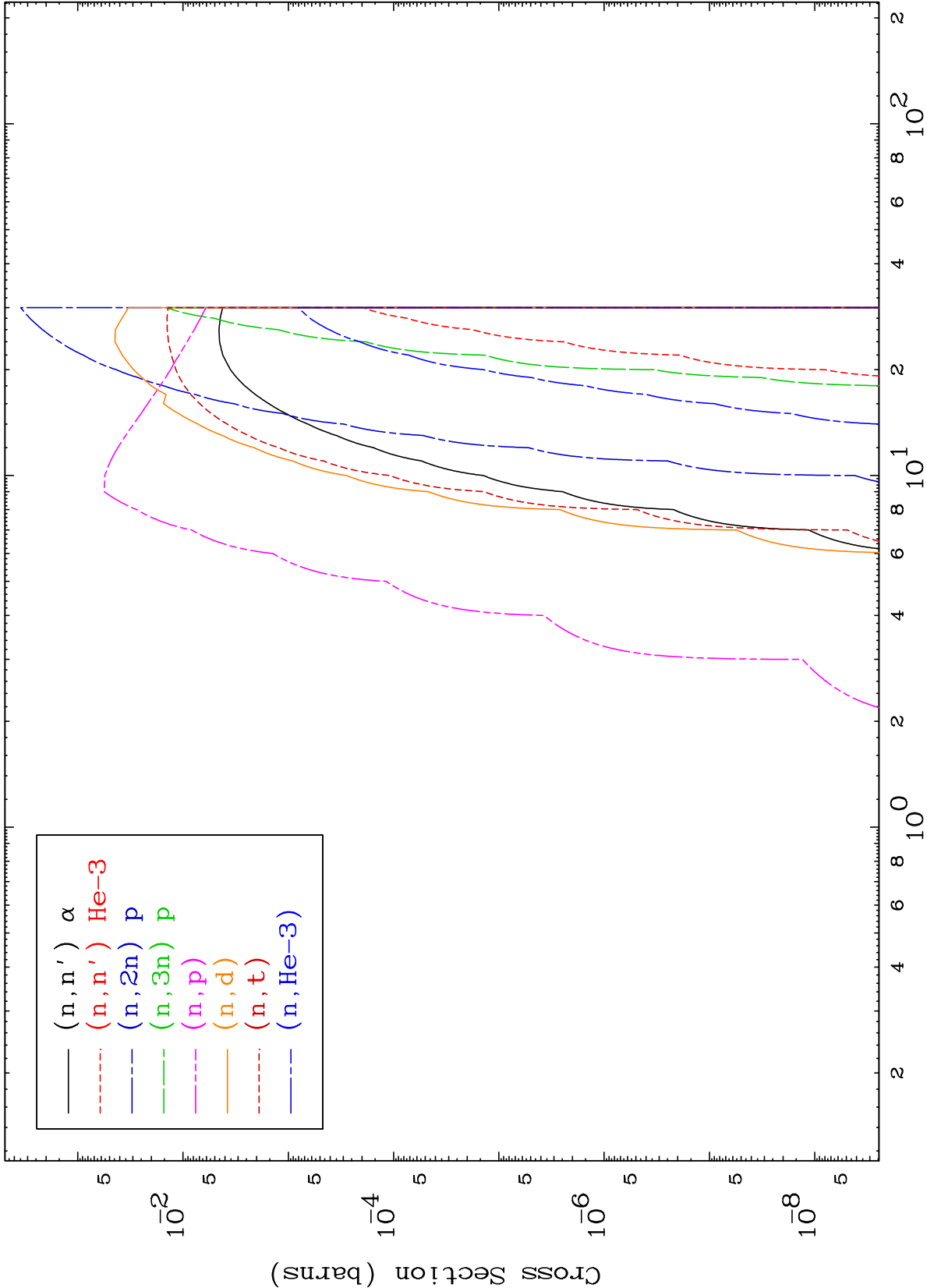
MAT 7242

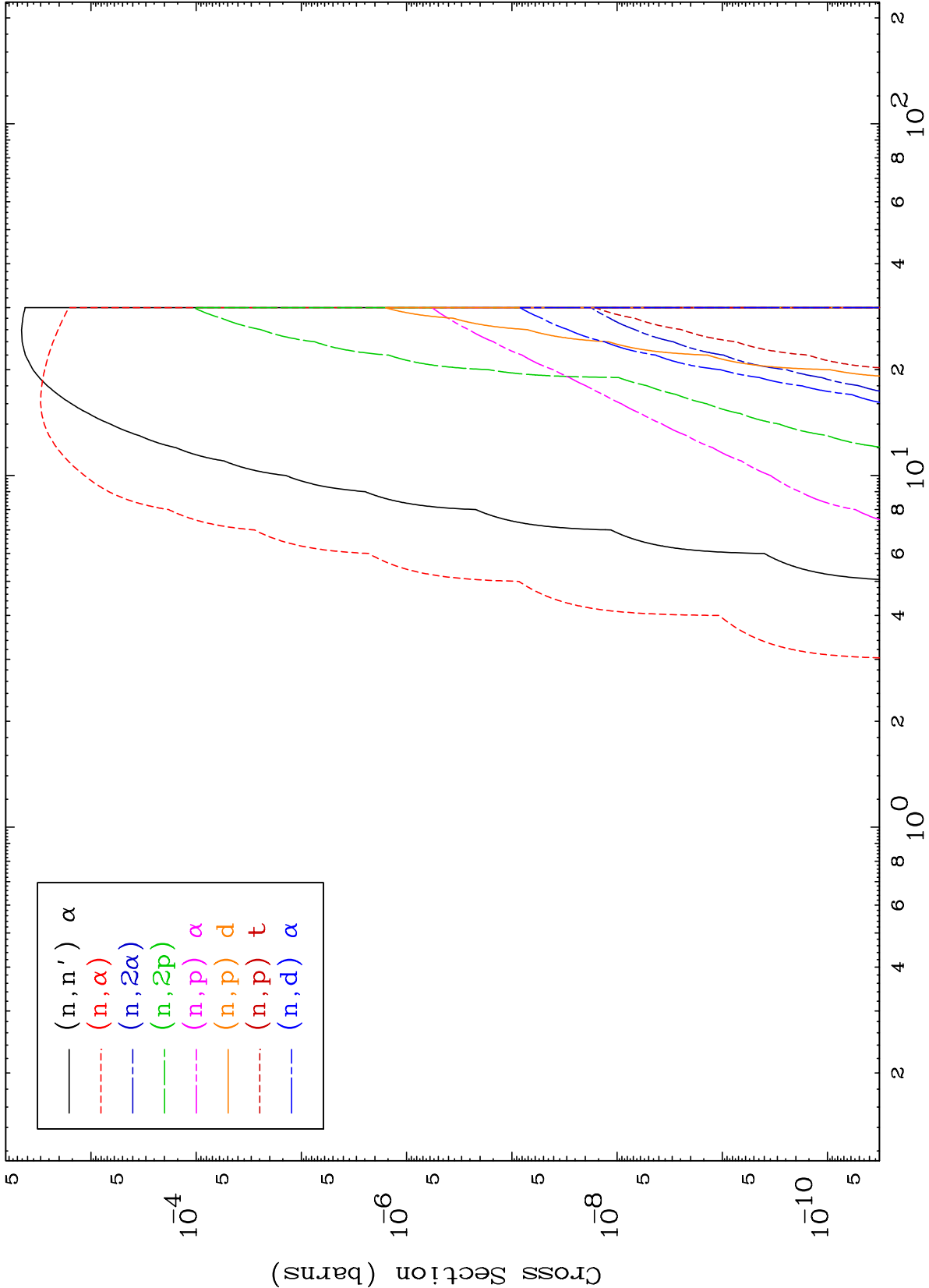
Deuteron Neutron Absorption
0 Kelvin Cross Sections

⁷²Hf-179n





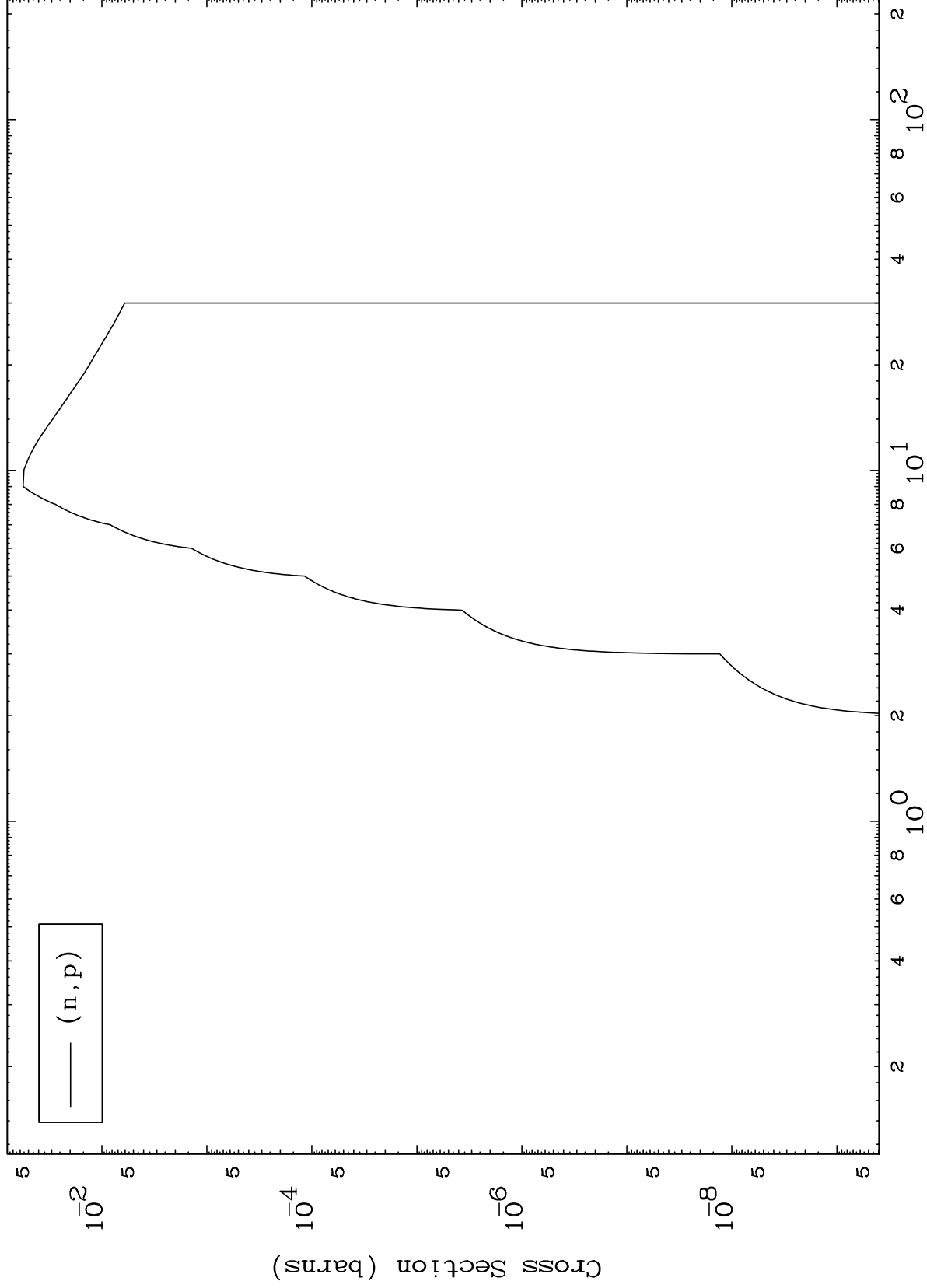




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$^{72}\text{Hf}-^{179}\text{n}$

(d,p) Levels
0 Kelvin Cross Sections



8

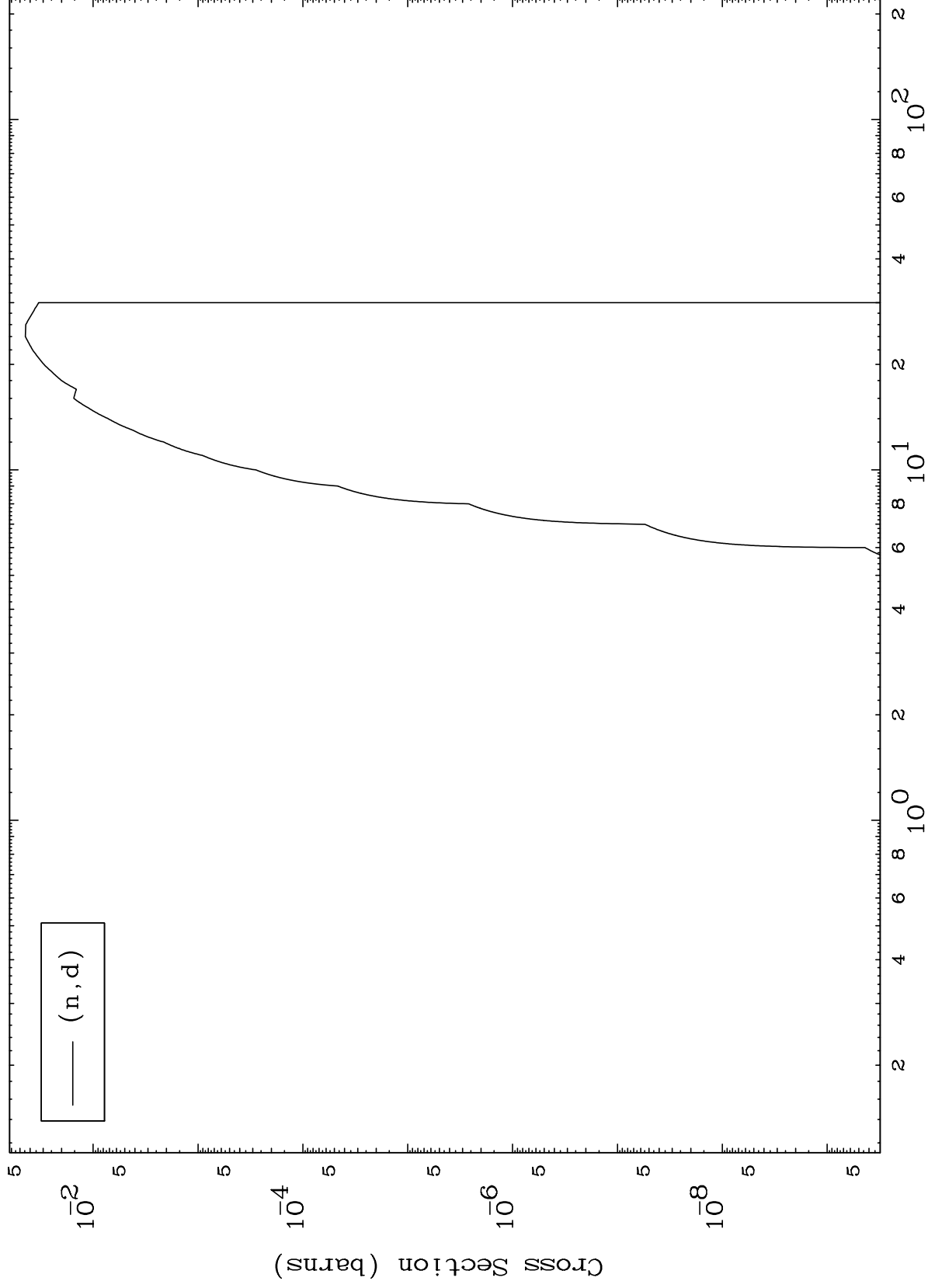
Incident Energy (MeV)

$^{72}\text{Hf}-^{179}\text{n}$

MAT 7242

$^{72}\text{Hf}-179\text{n}$

0 Kelvin Cross Sections
(d,d) Levels



9

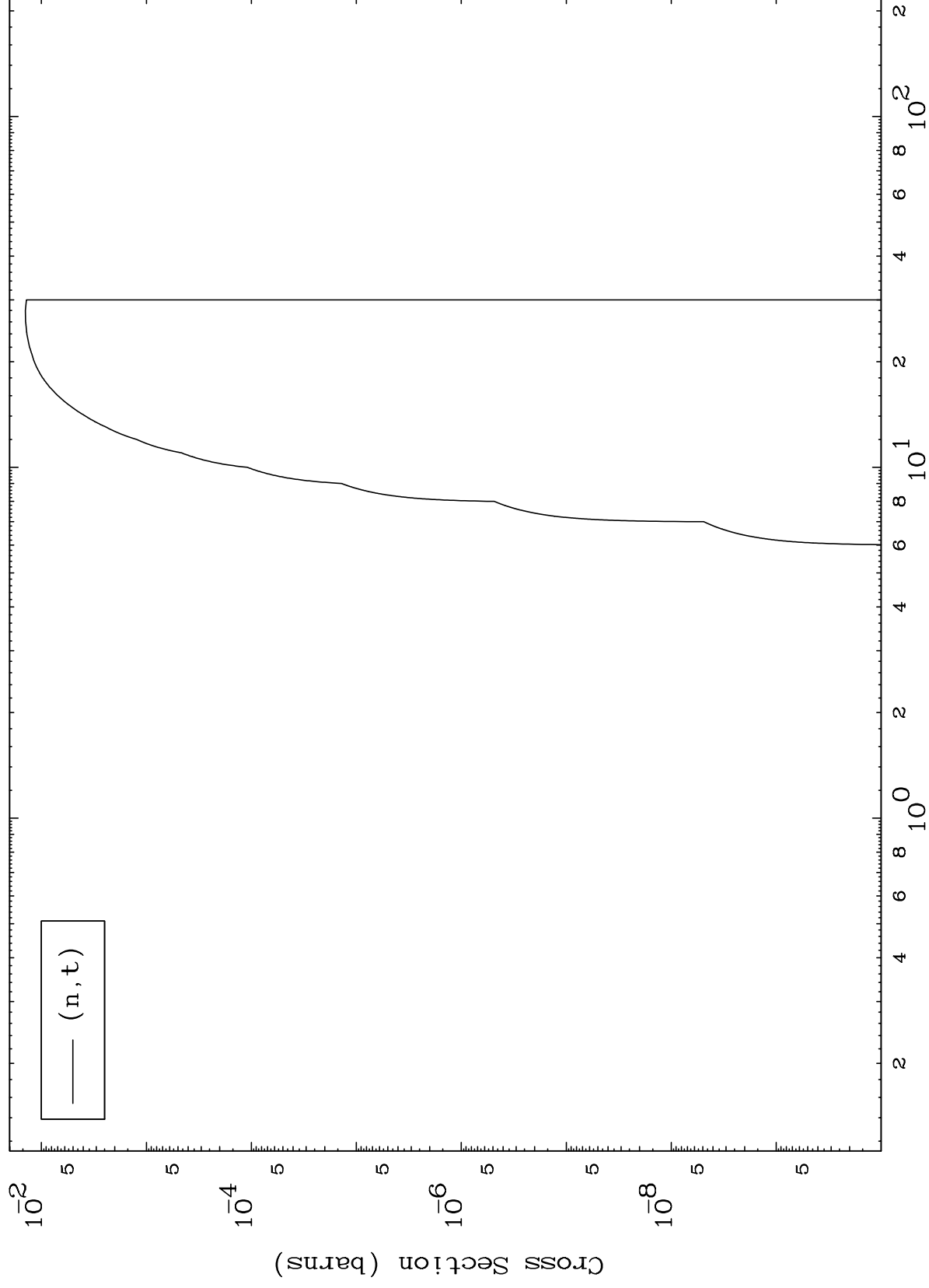
$^{72}\text{Hf}-179\text{n}$

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(d,t) Levels

$^{72}\text{Hf}-^{179}\text{n}$

0 Kelvin Cross Sections



10

Incident Energy (MeV)

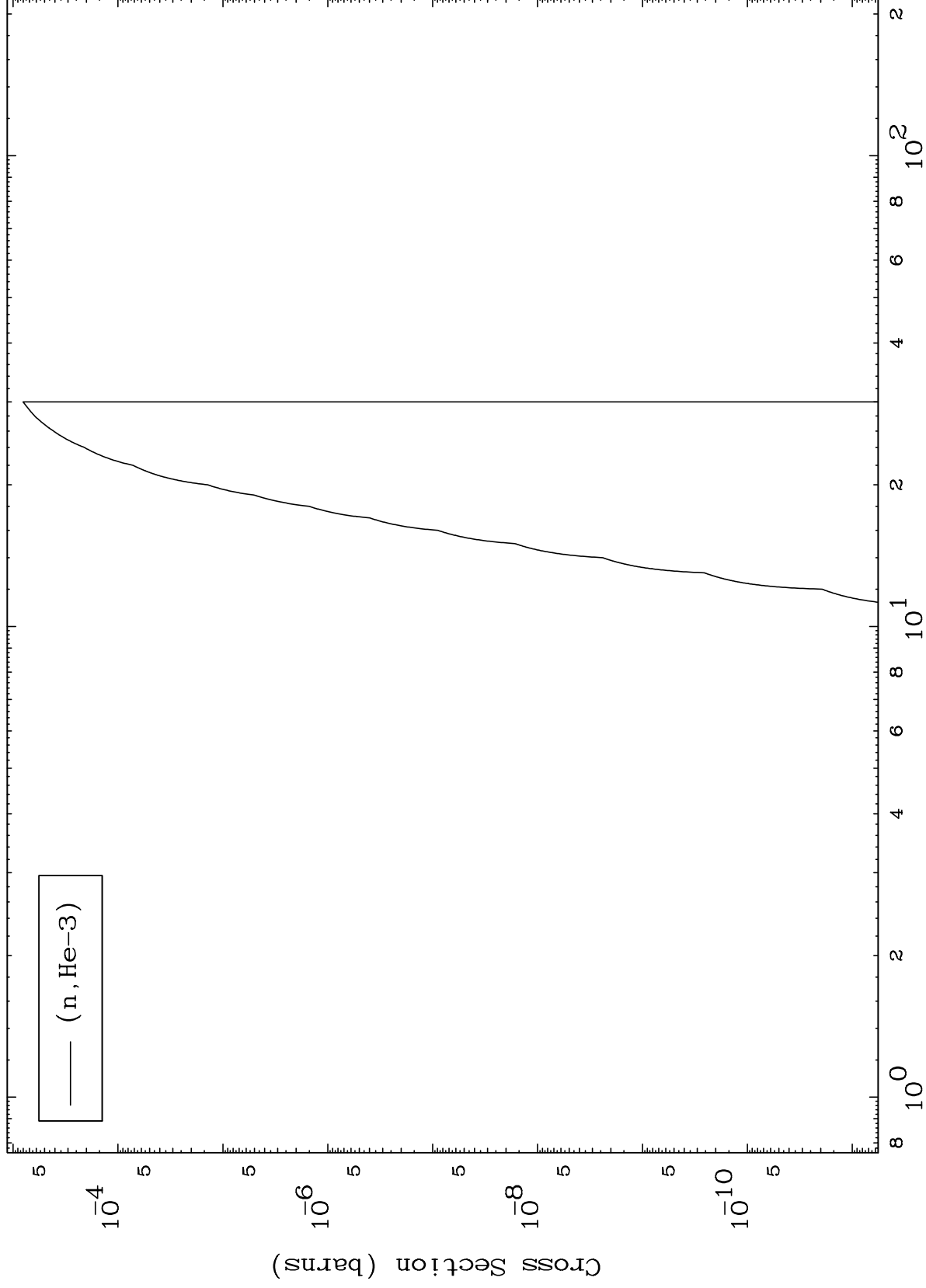
$^{72}\text{Hf}-^{179}\text{n}$

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(d,He3) Levels

$^{72}\text{Hf}-^{179}\text{n}$

0 Kelvin Cross Sections



Incident Energy (MeV)

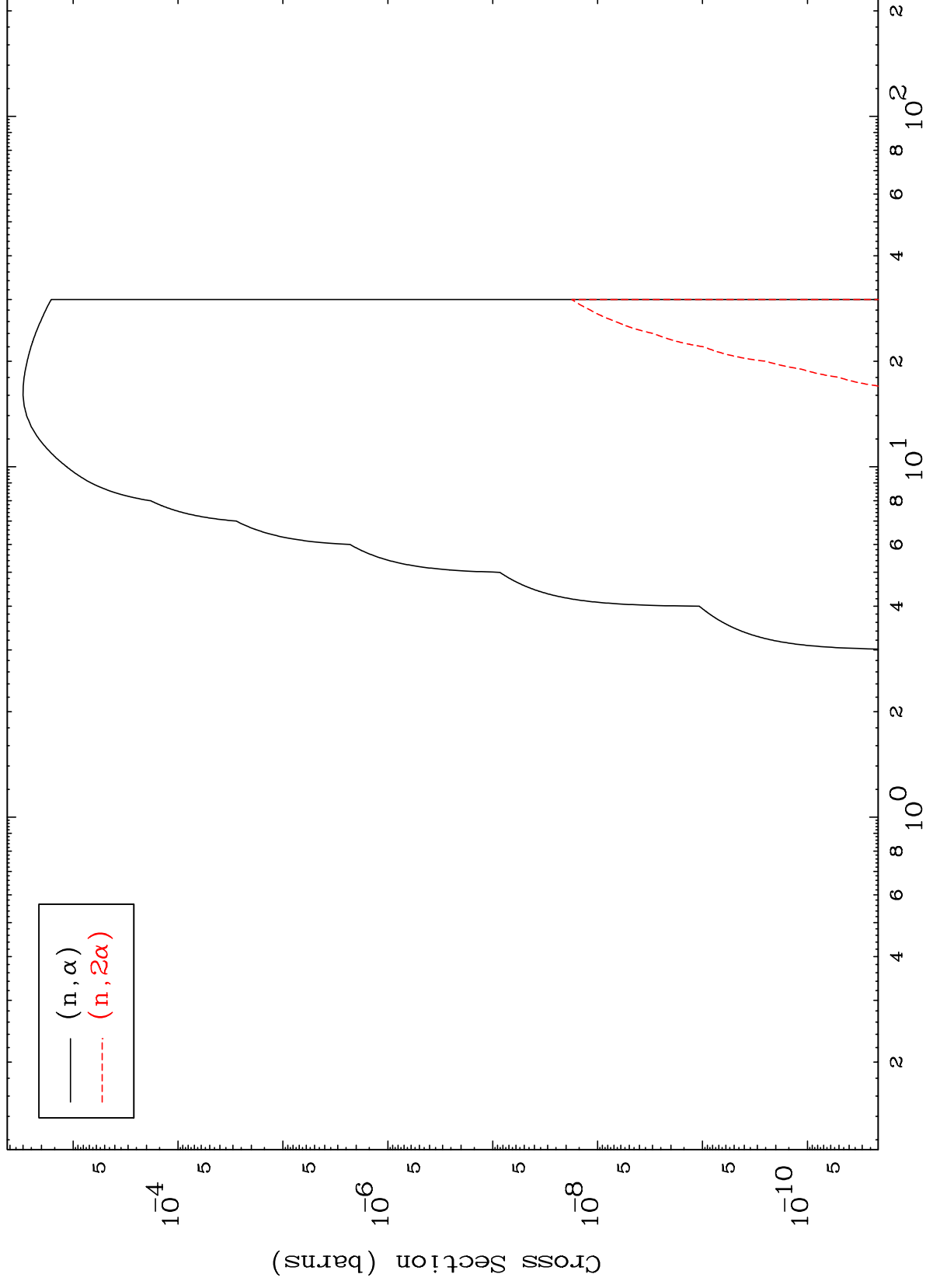
$^{72}\text{Hf}-^{179}\text{n}$

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(d, α) Levels

$^{72}\text{Hf}-^{179}\text{n}$

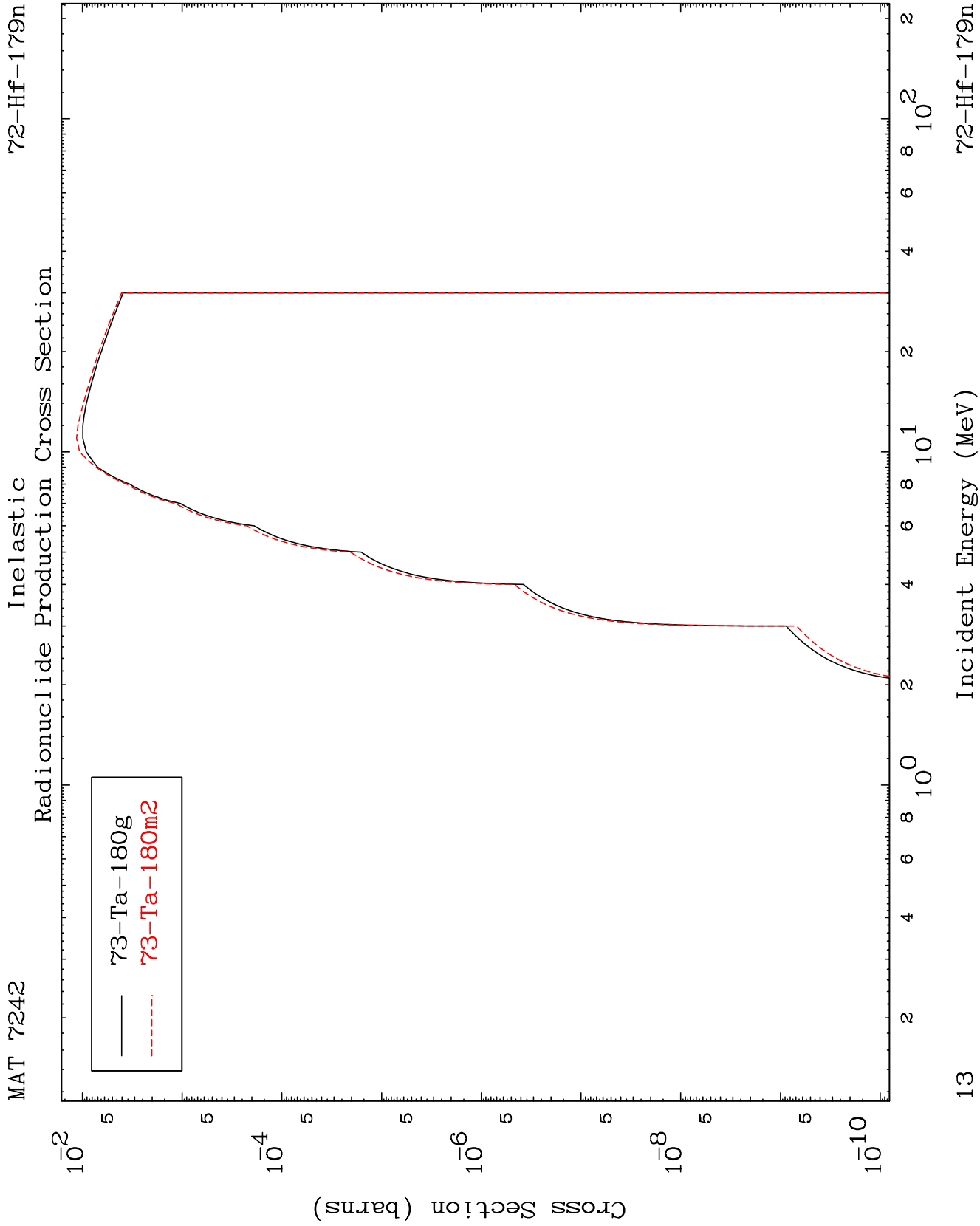
0 Kelvin Cross Sections



12

Incident Energy (MeV)

$^{72}\text{Hf}-^{179}\text{n}$

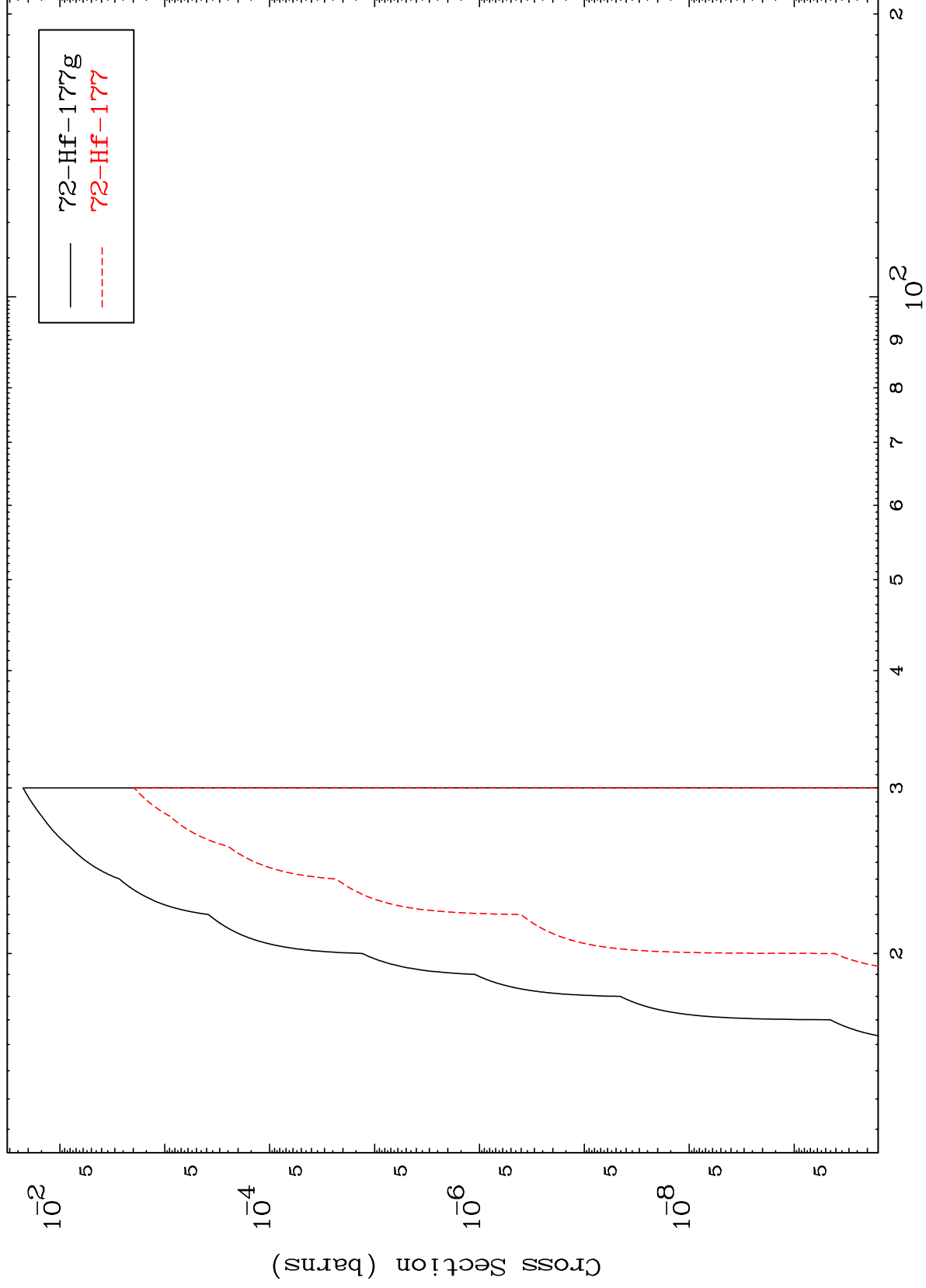


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(n,2n) d

⁷²Hf-179n

Radionuclide Production Cross Section



14

Incident Energy (MeV)

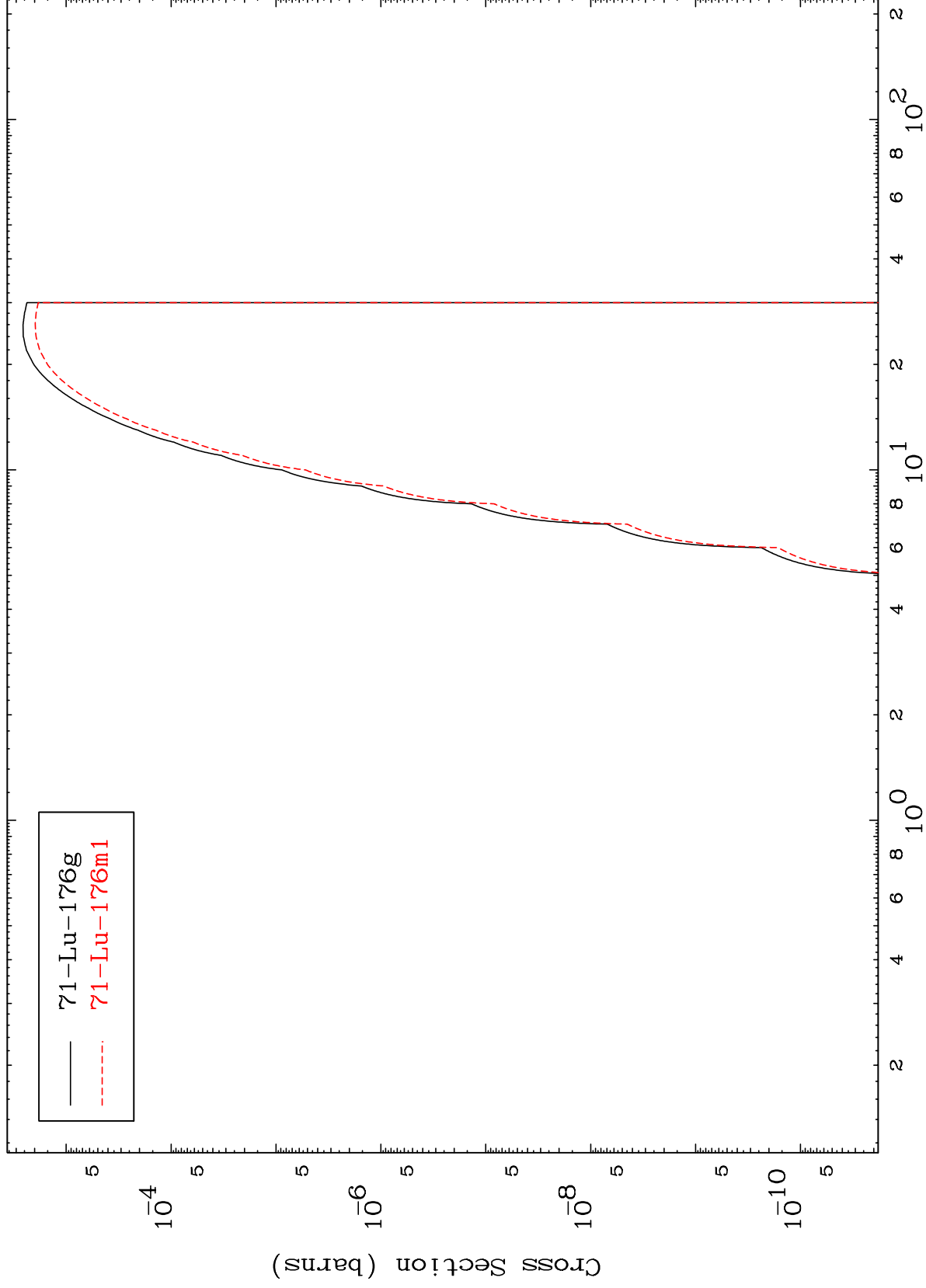
⁷²Hf-179n

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$^{72}\text{Hf}-^{179}\text{n}$

$(\text{n}, \text{n}') \alpha$

Radionuclide Production Cross Section



15

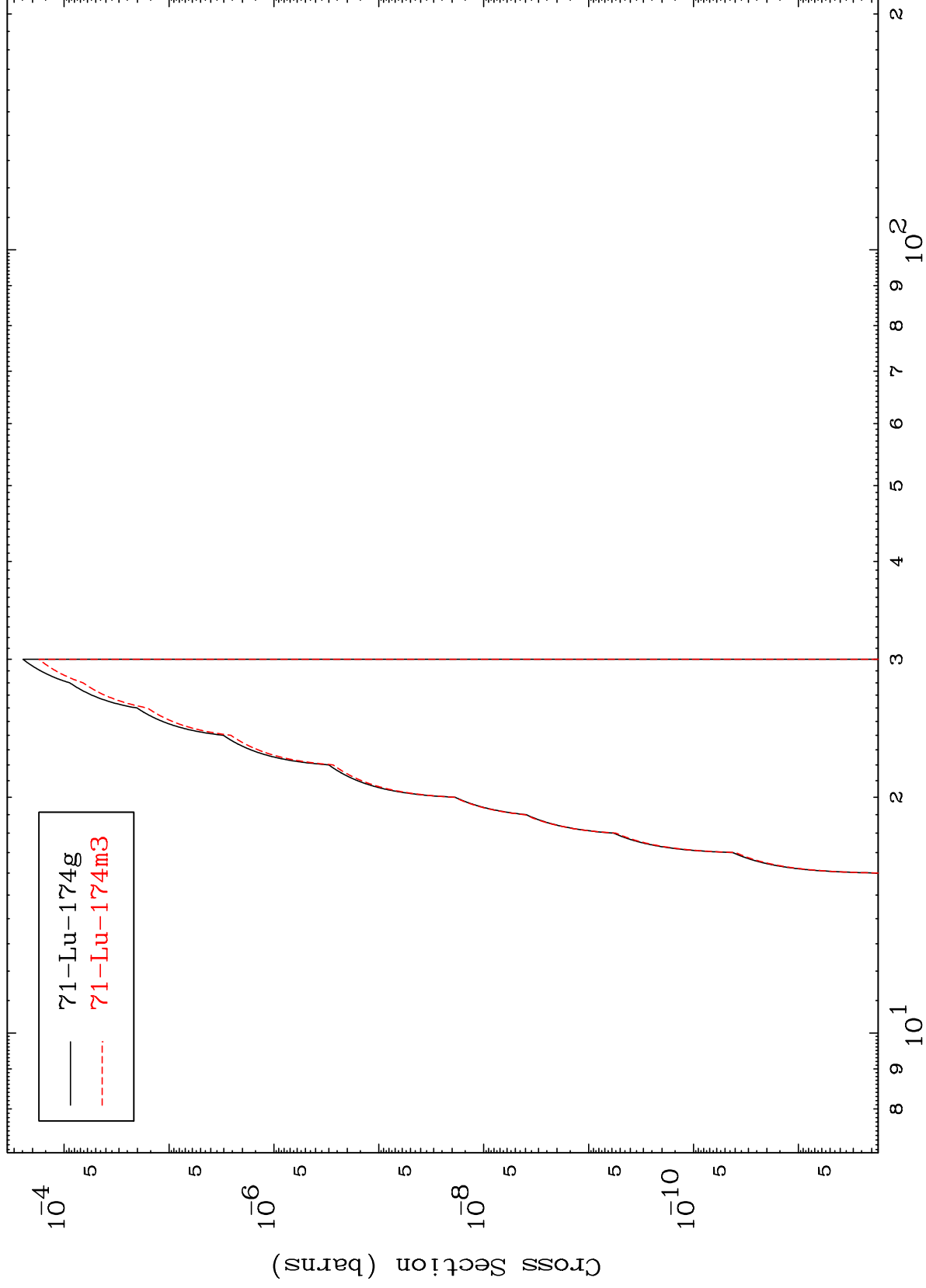
Incident Energy (MeV)

$^{72}\text{Hf}-^{179}\text{n}$

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$^{72}\text{Hf}-^{179}\text{n}$

Radionuclide Production Cross Section

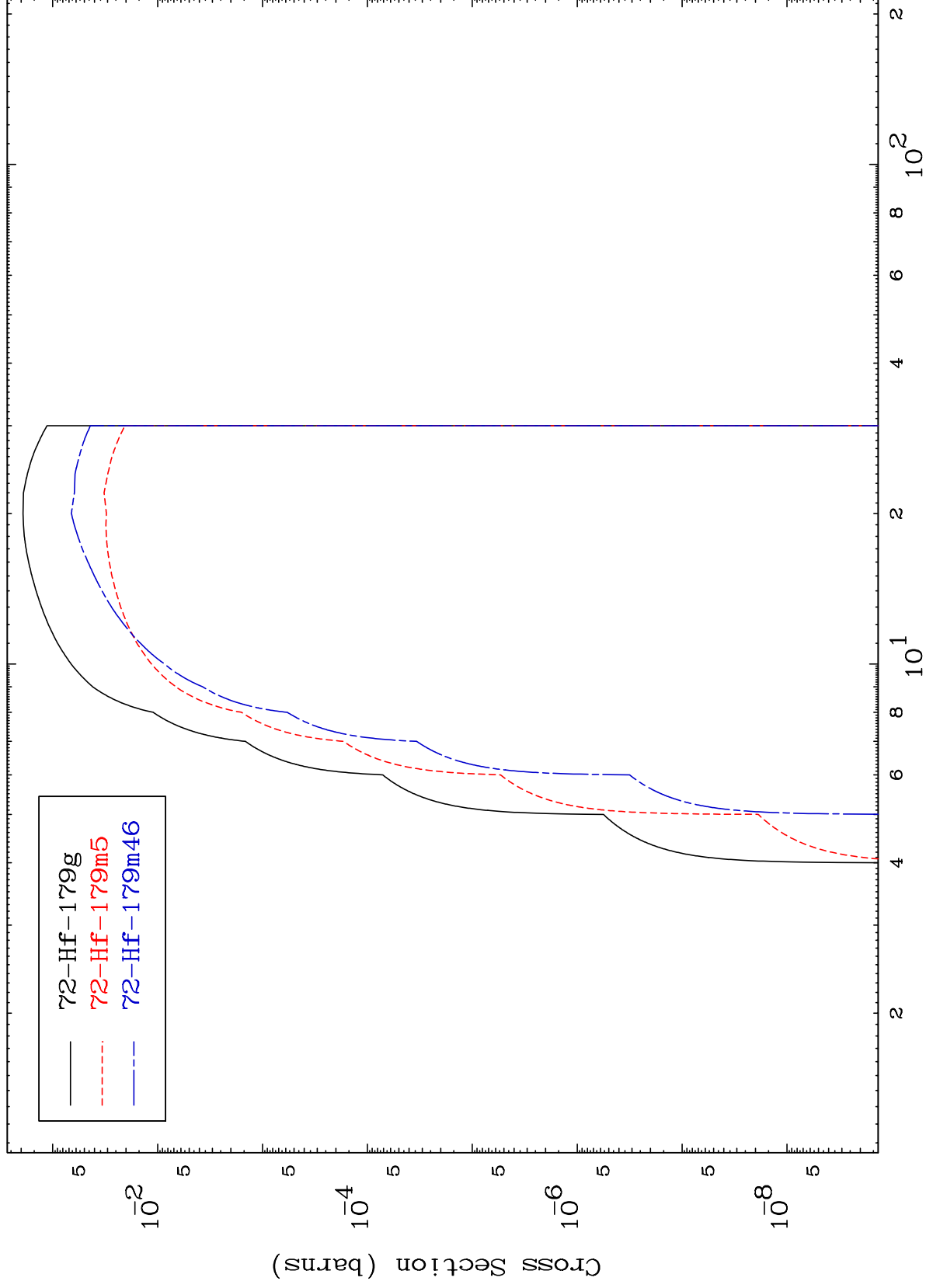


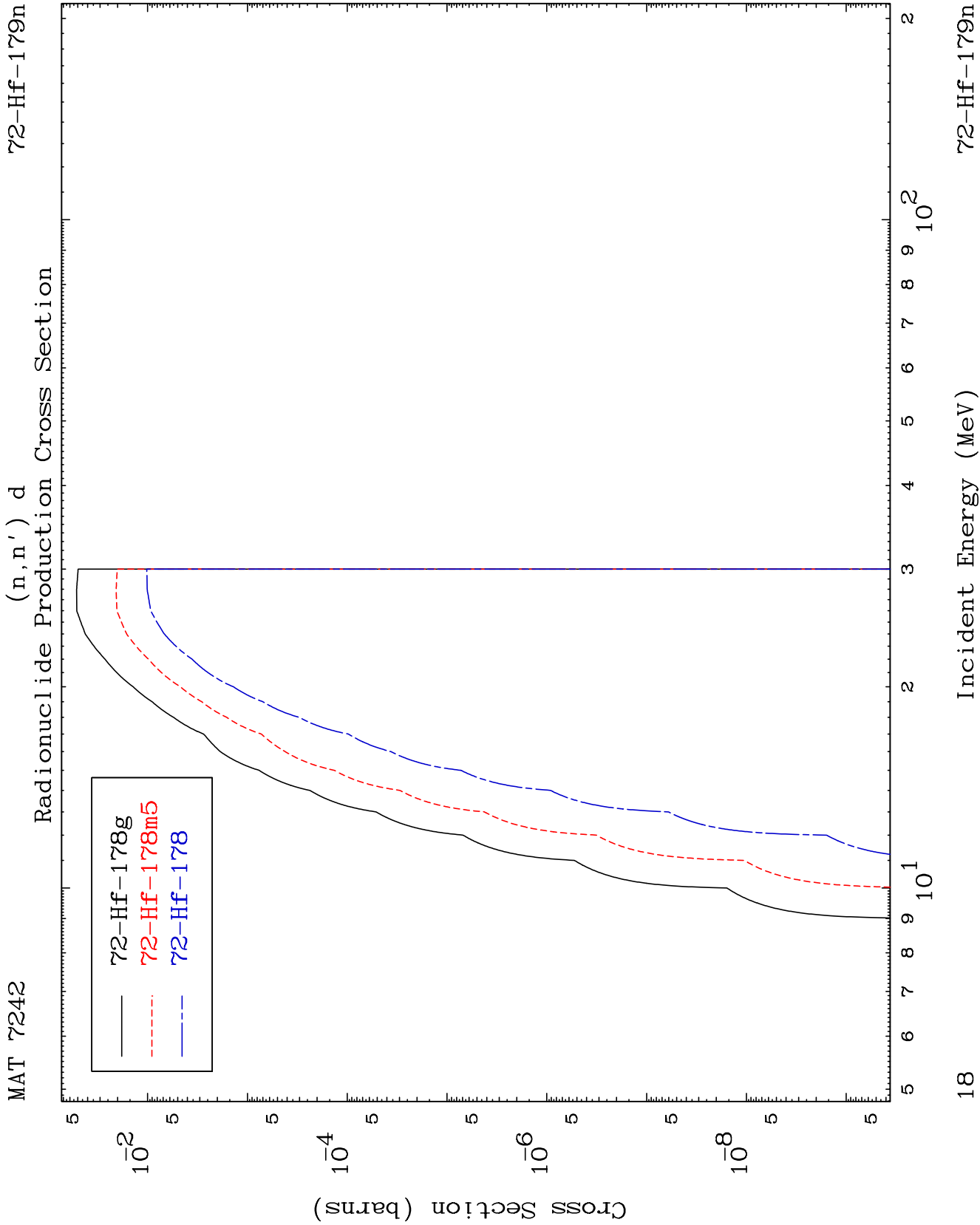
$^{72}\text{Hf}-^{179}\text{n}$

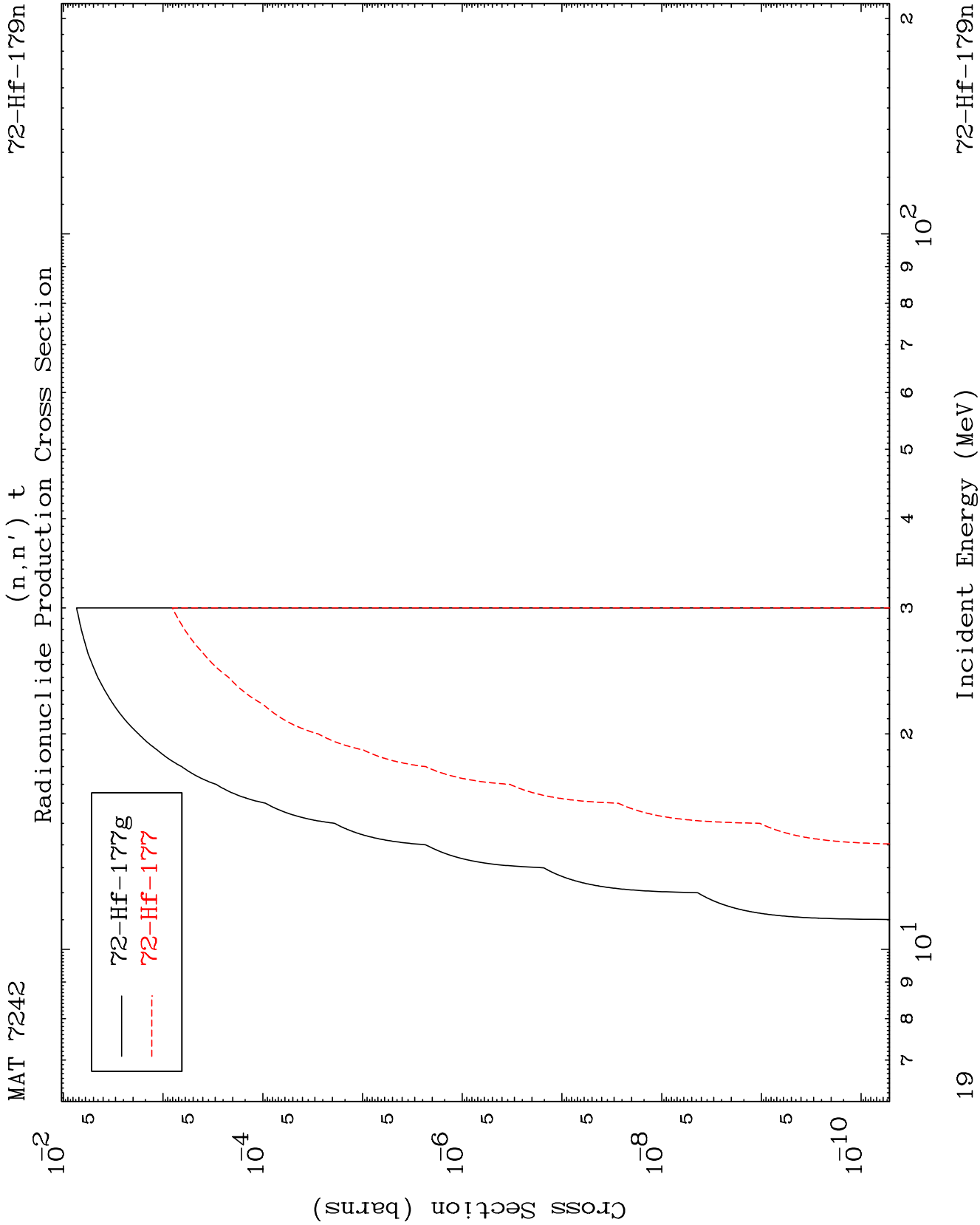
Incident Energy (MeV)

16

Radionuclide Production Cross Section





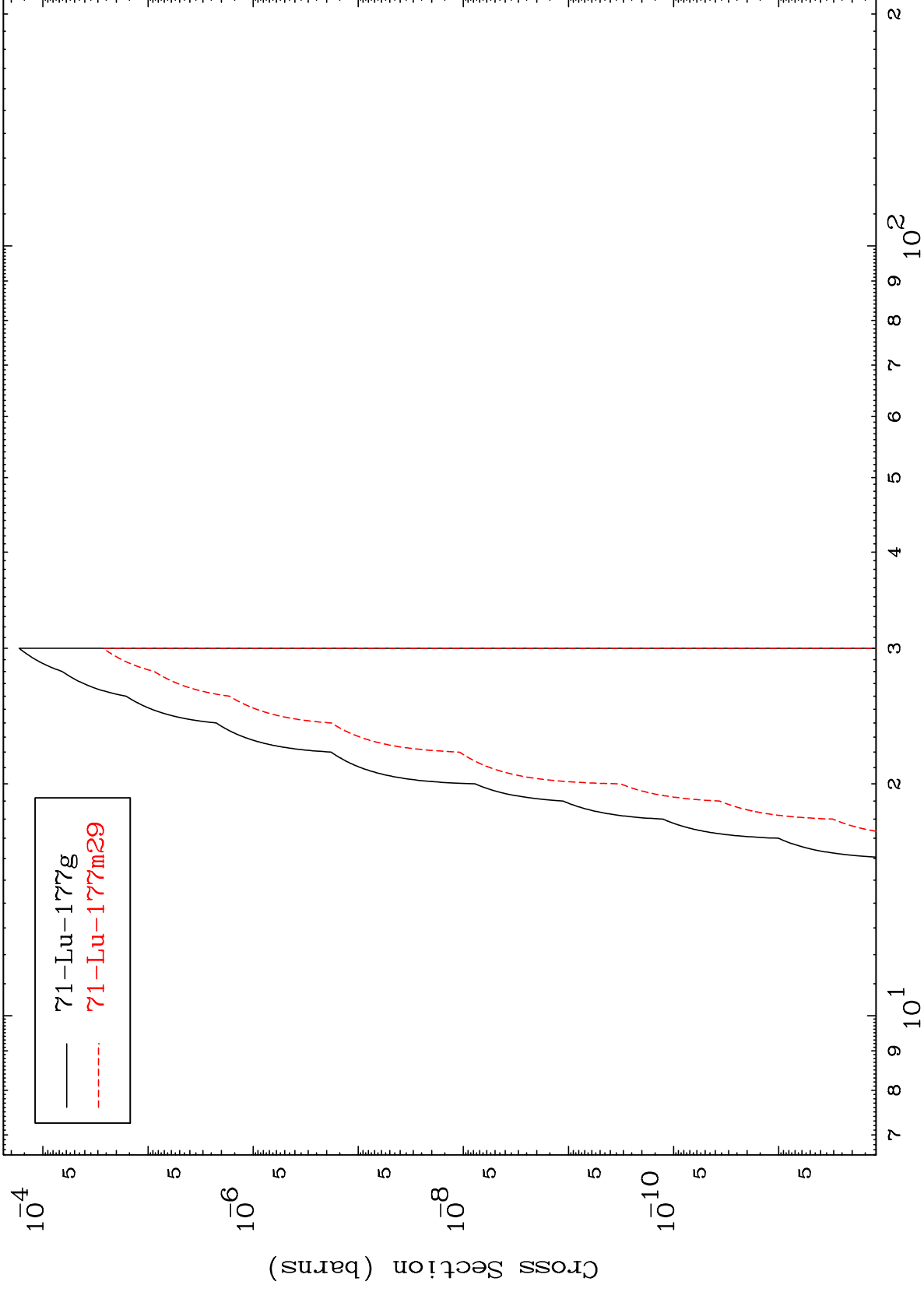


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(n,n') He-3

⁷²Hf-179n

Radionuclide Production Cross Section



Incident Energy (MeV)

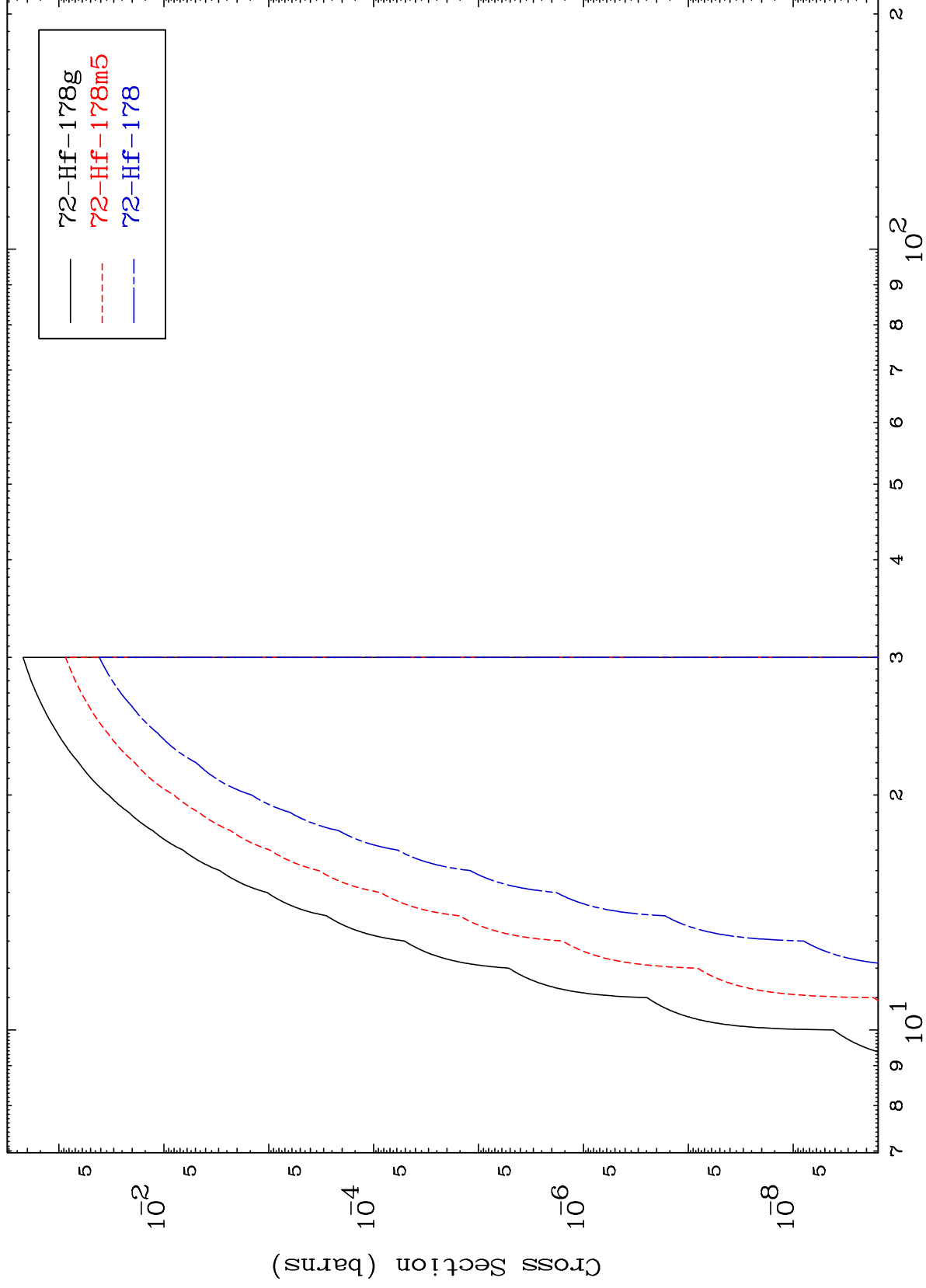
⁷²Hf-179n

20

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$(n,2n)$ p $^{72}\text{Hf}-^{179}\text{n}$

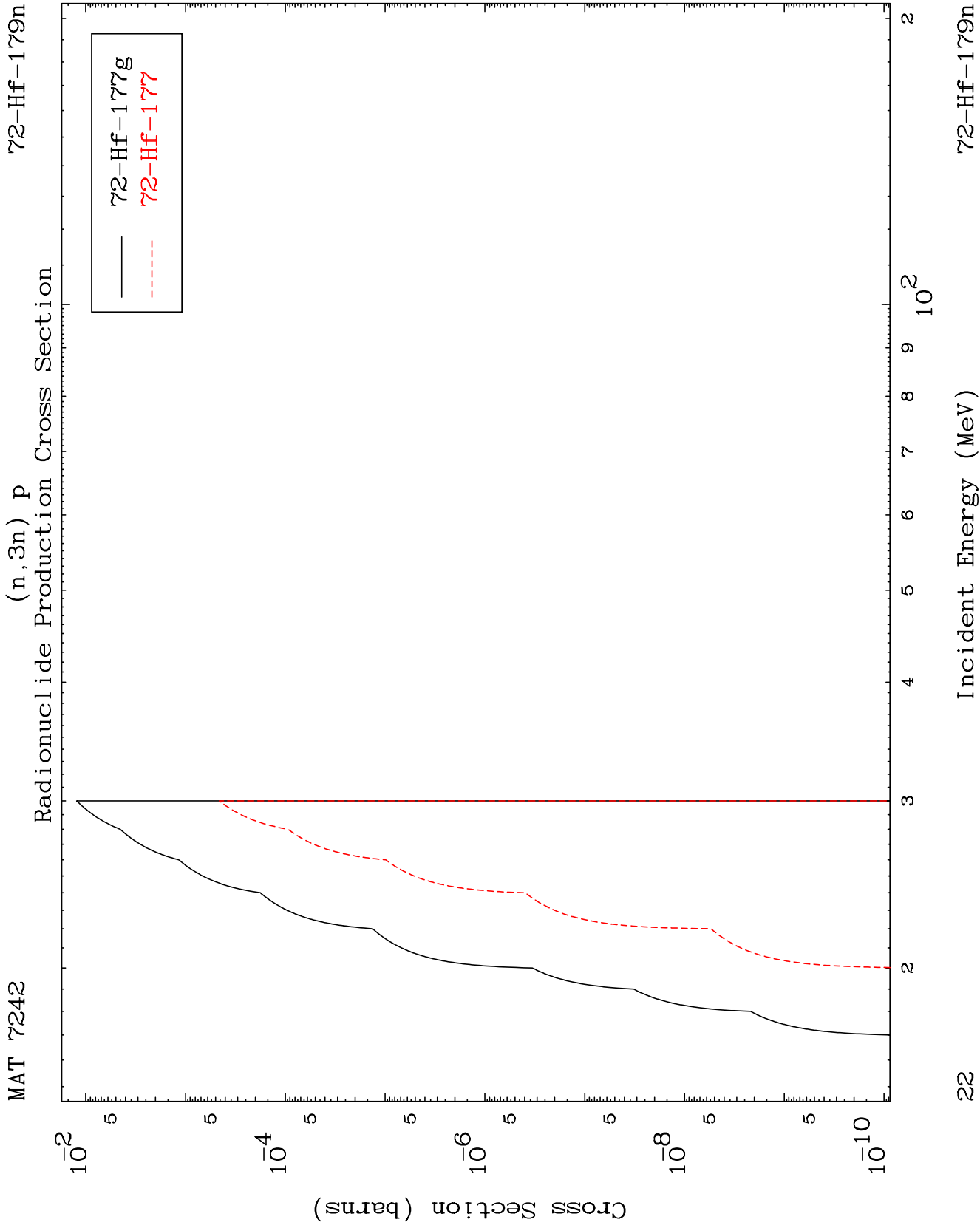
Radionuclide Production Cross Section



$^{72}\text{Hf}-^{179}\text{n}$

Incident Energy (MeV)

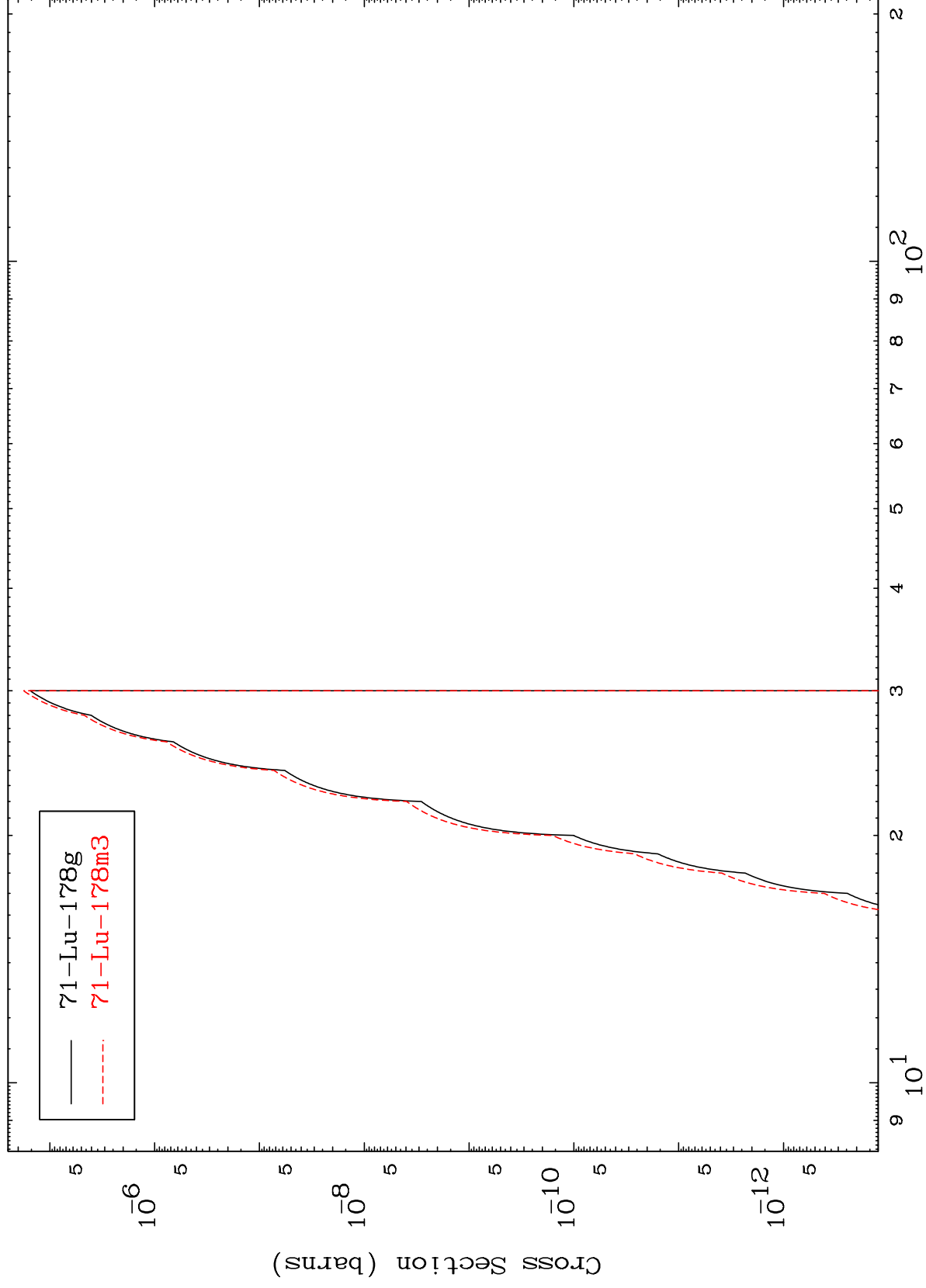
21



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$^{72}\text{Hf}-^{179}\text{n}$

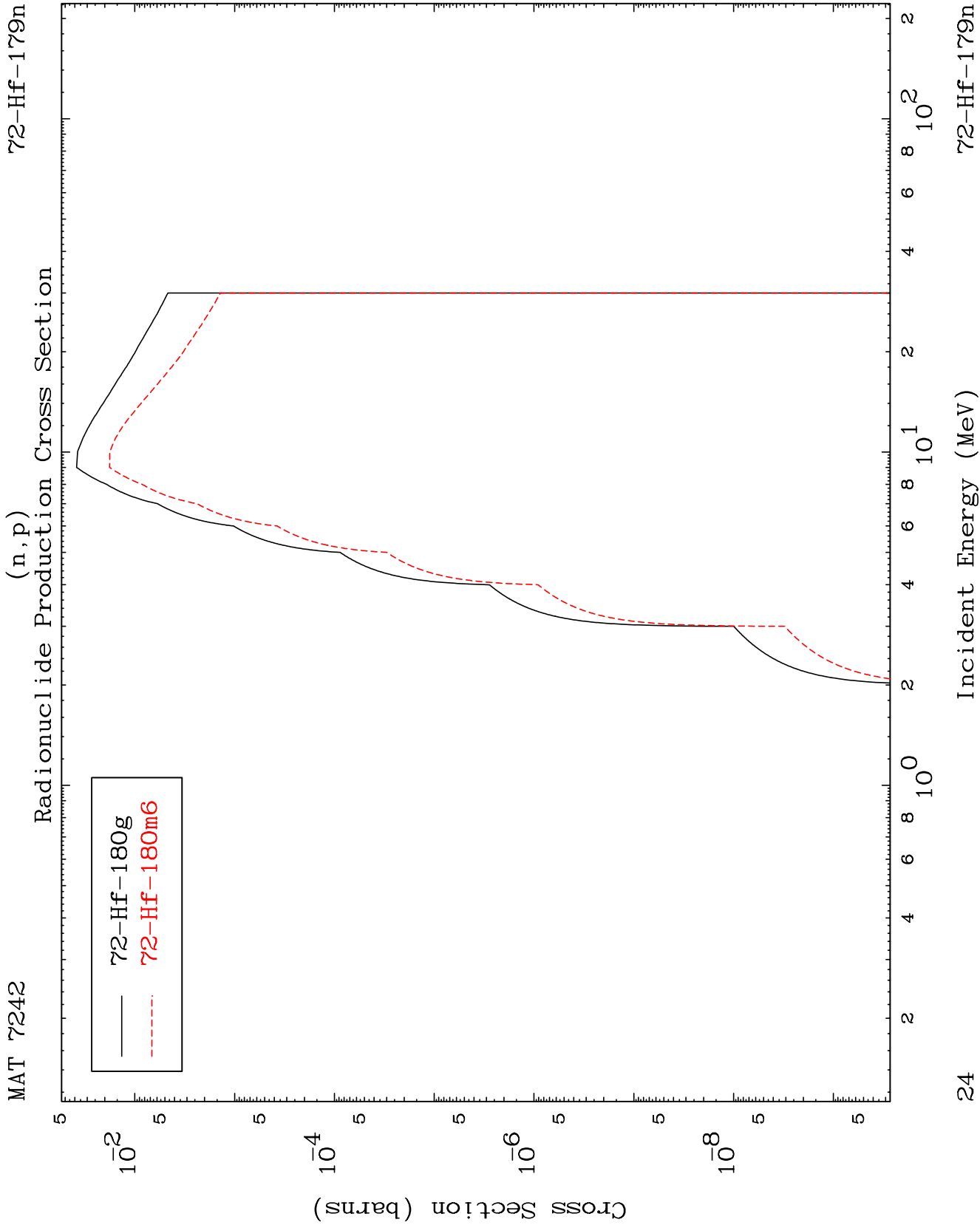
$(\text{n},2\text{n})$ p
Radionuclide Production Cross Section



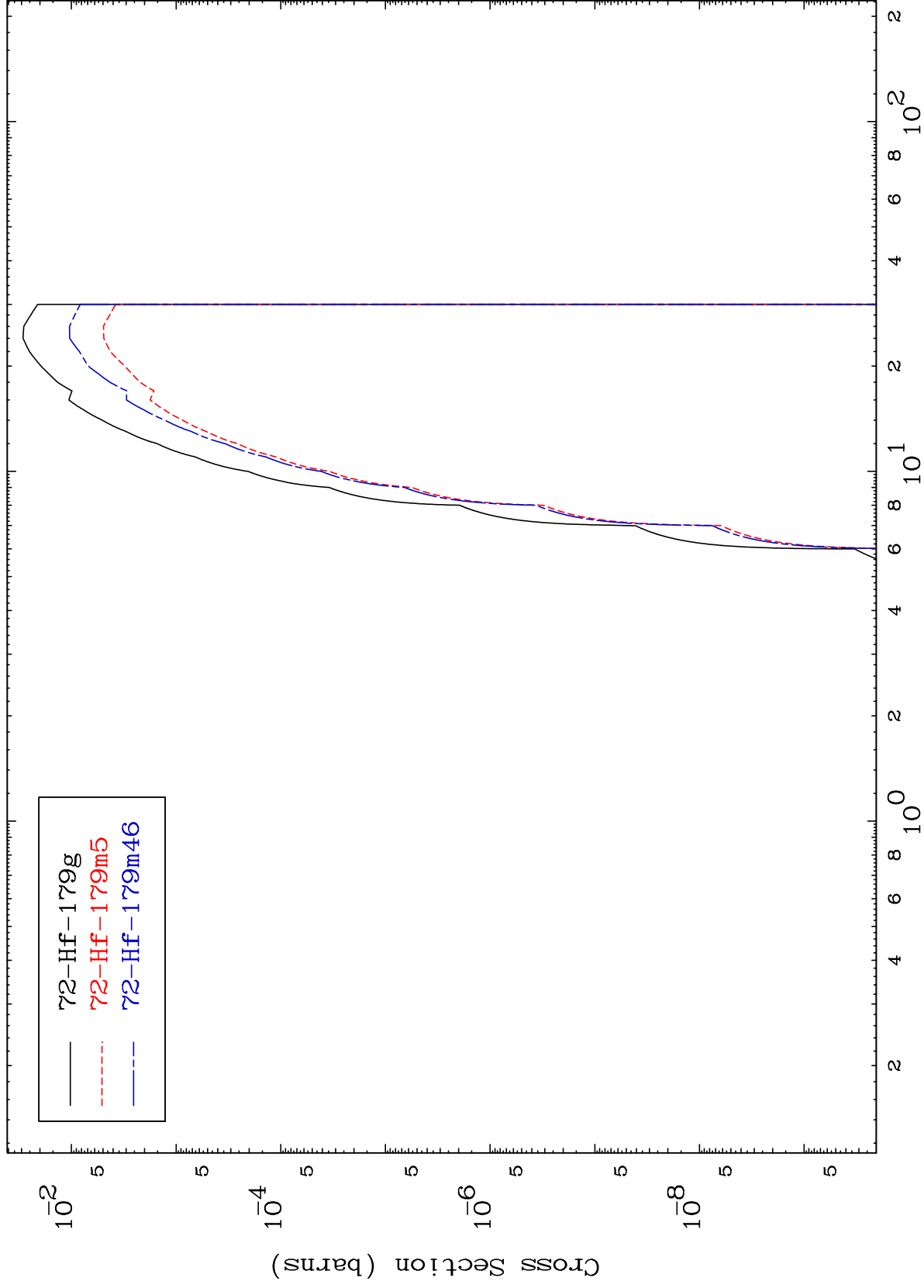
$^{72}\text{Hf}-^{179}\text{n}$

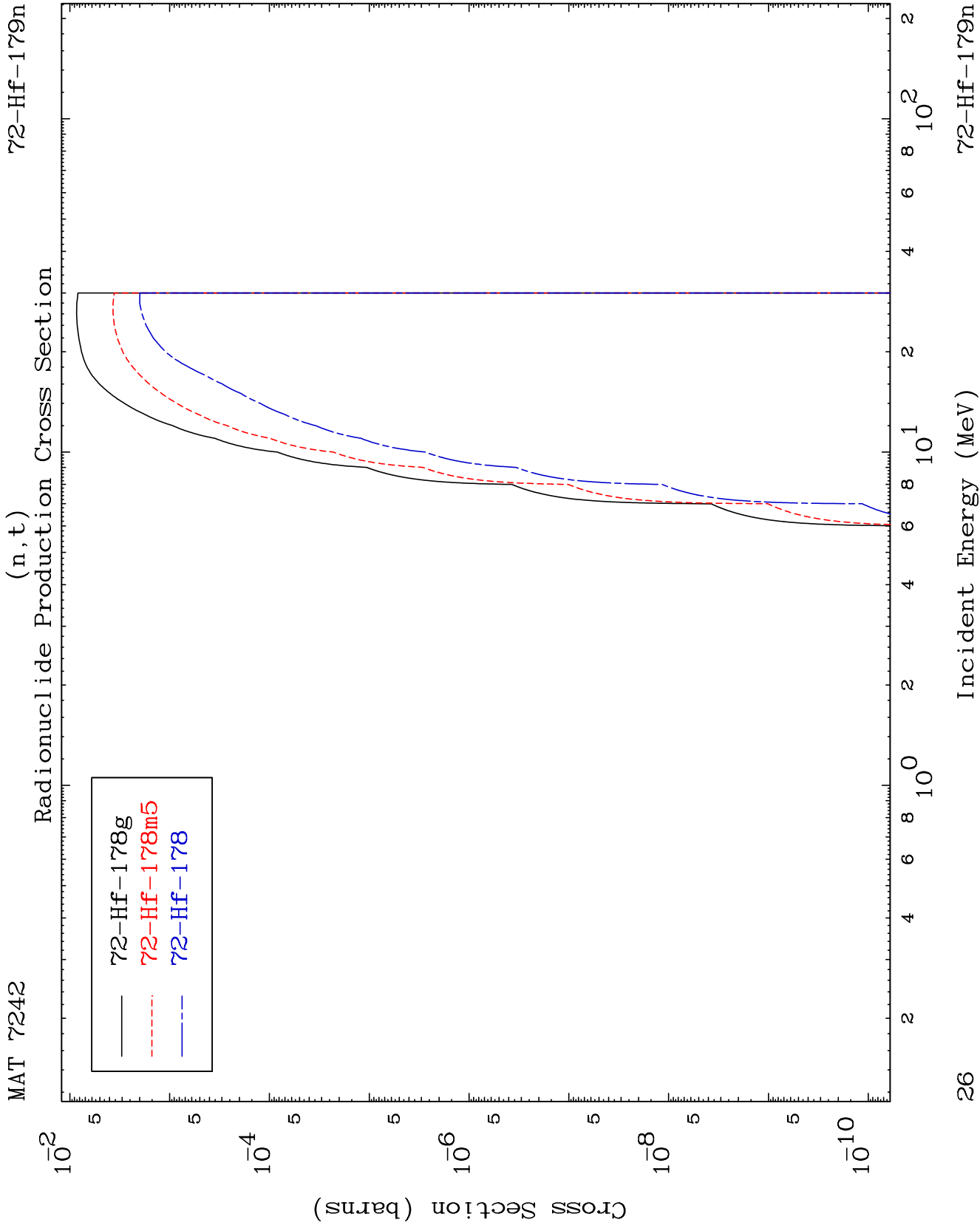
Incident Energy (MeV)

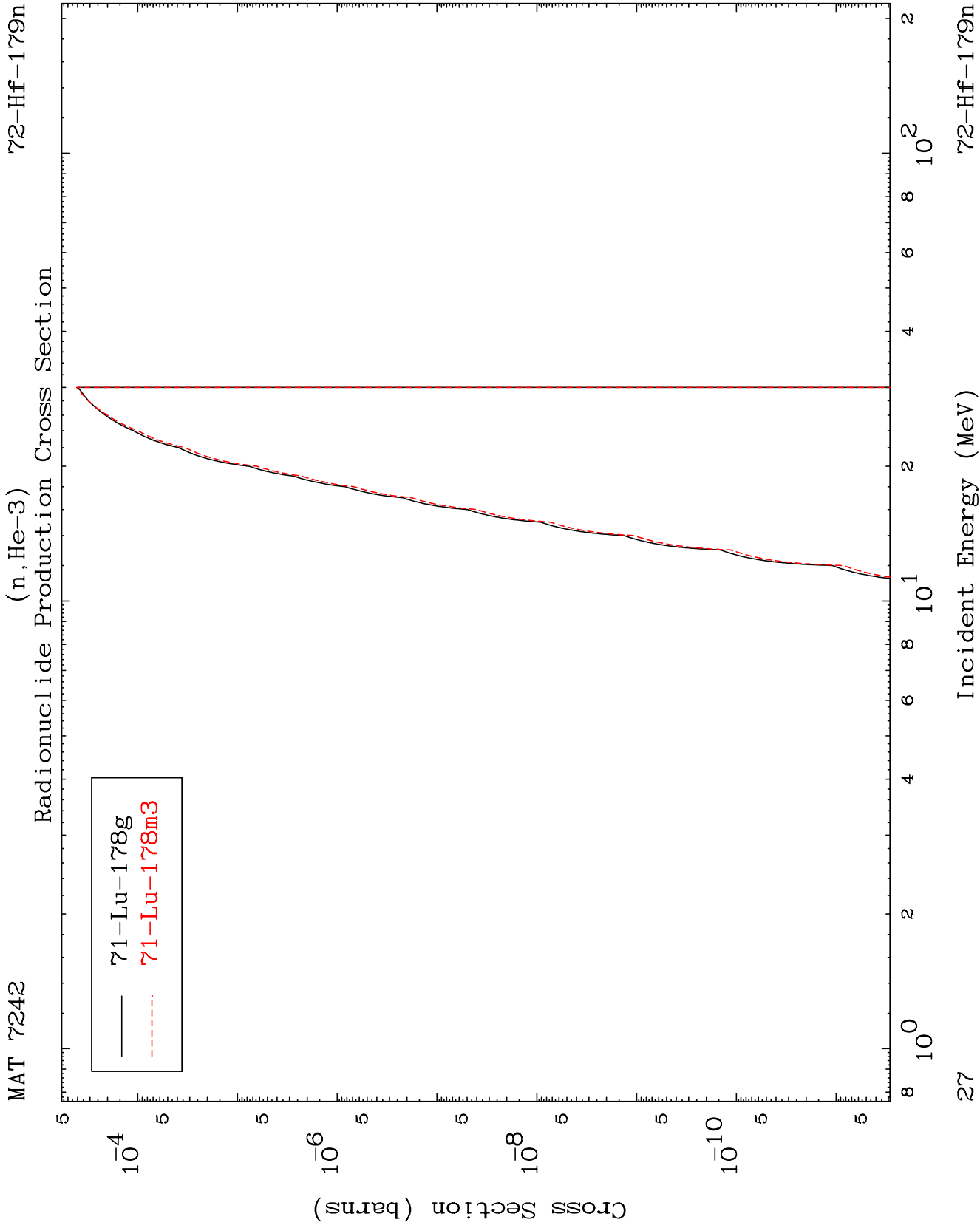
23



(n,d)
Radionuclide Production Cross Section



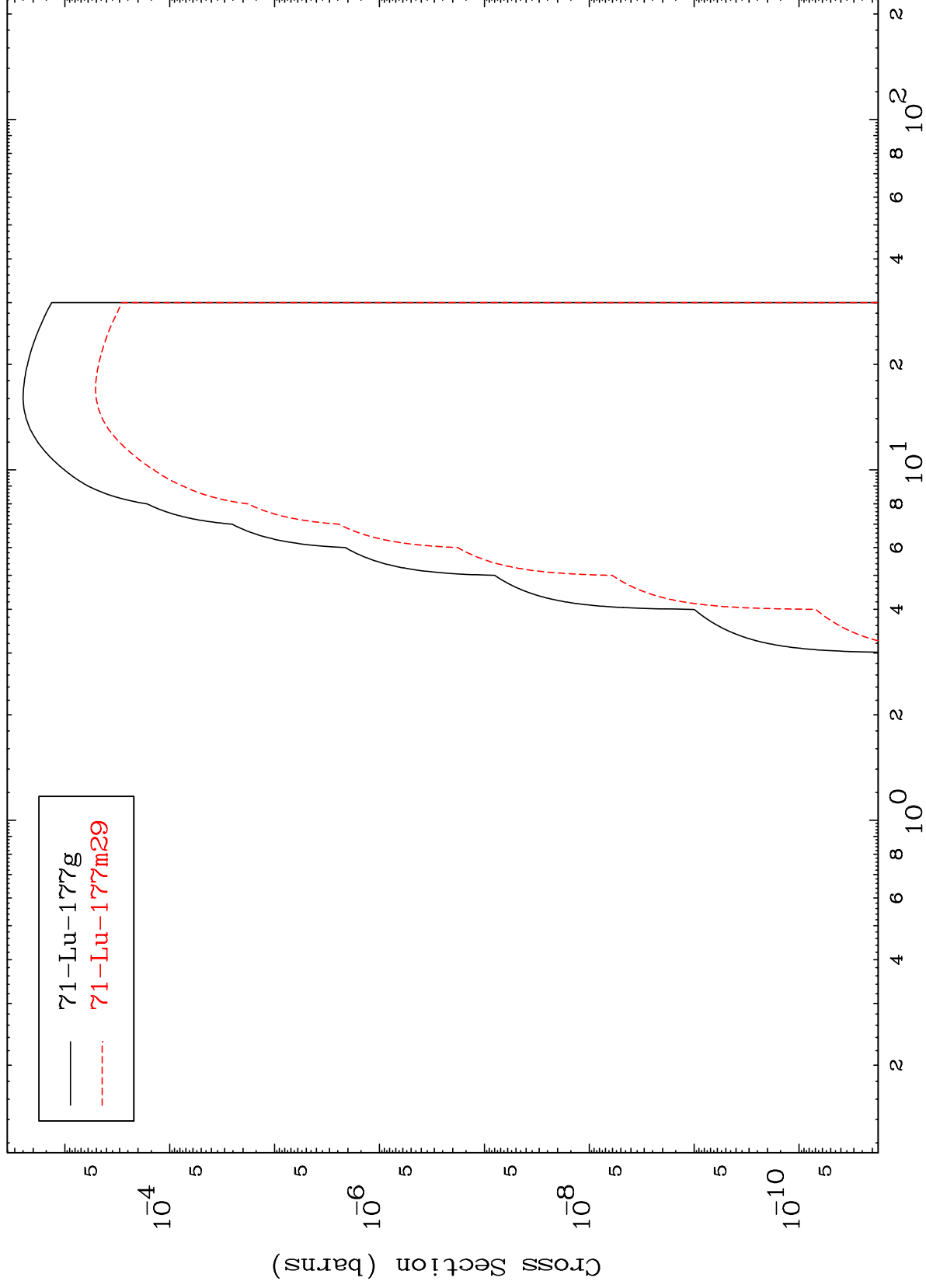




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$^{72}\text{Hf}-^{179}\text{n}$

Radionuclide Production Cross Section



28

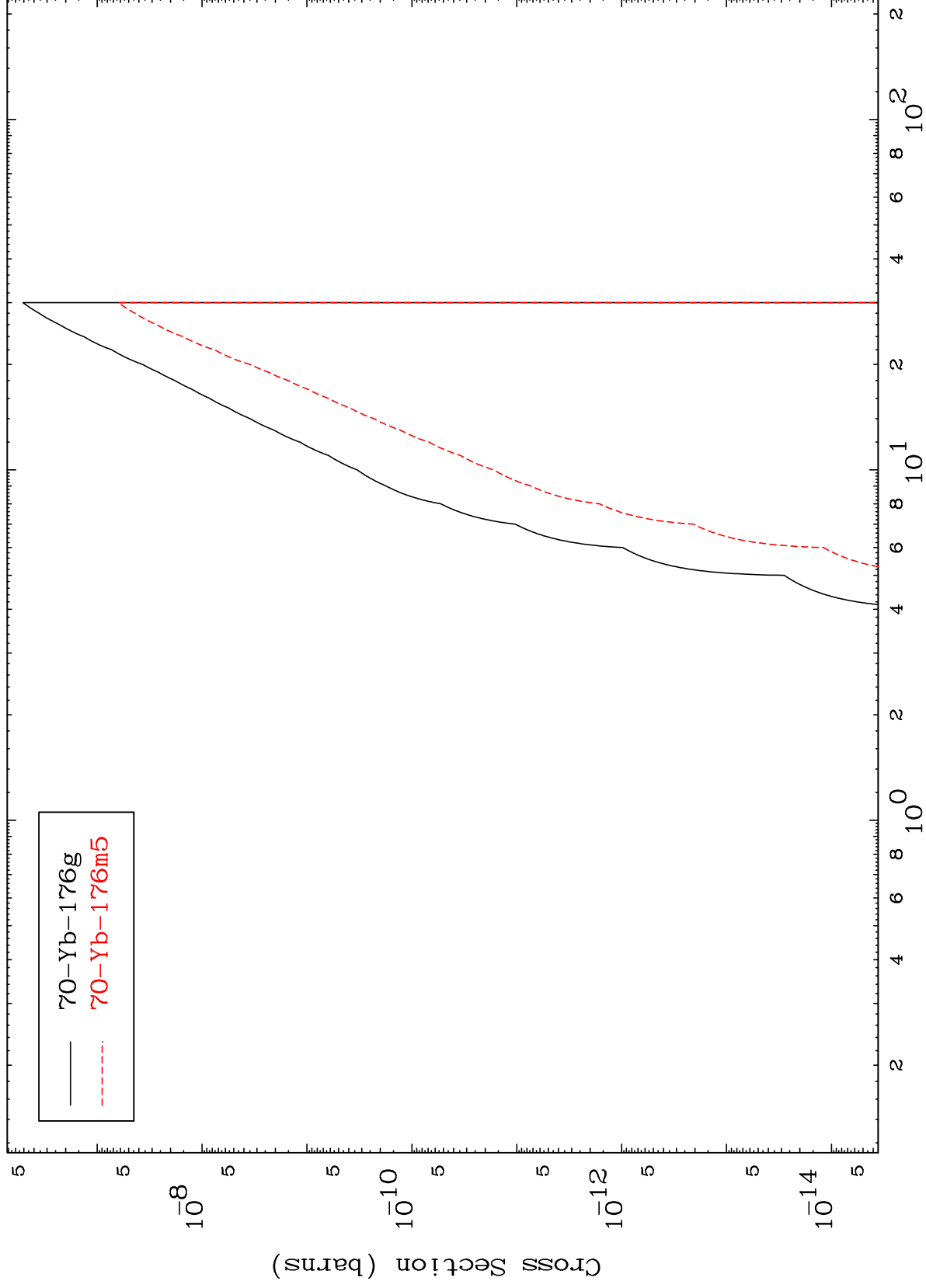
$^{72}\text{Hf}-^{179}\text{n}$

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(n,p) α

$^{72}\text{Hf}-^{179}\text{n}$

Radionuclide Production Cross Section



29

Incident Energy (MeV)

$^{72}\text{Hf}-^{179}\text{n}$

