

Program EVALPLOT
(Version 2021-1)

by

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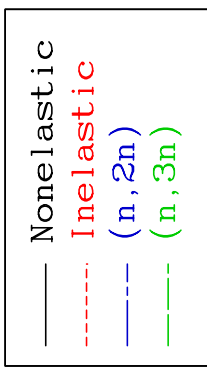
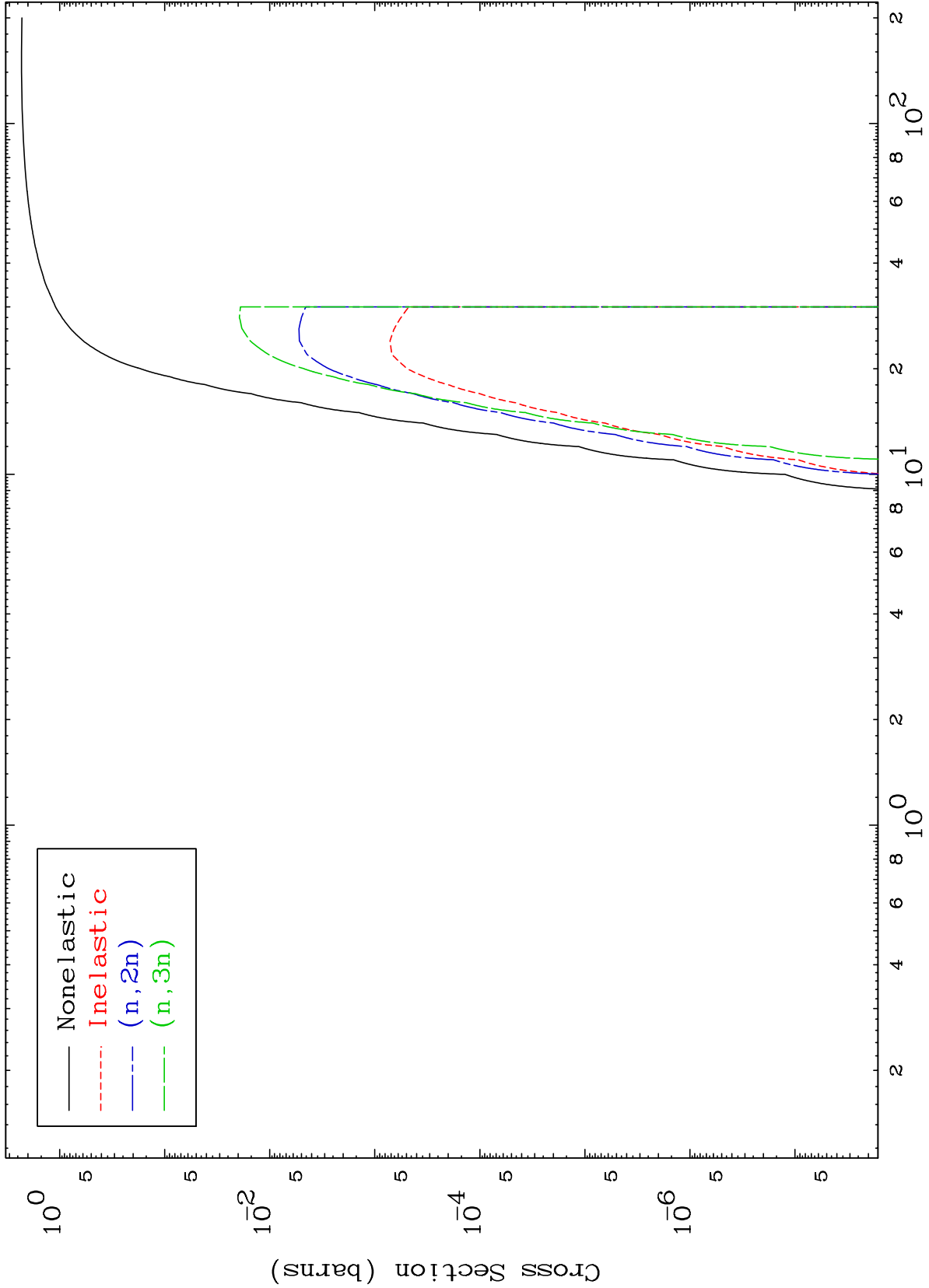
Press Mouse Button to Start

MAT 7242

He-3 Major

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

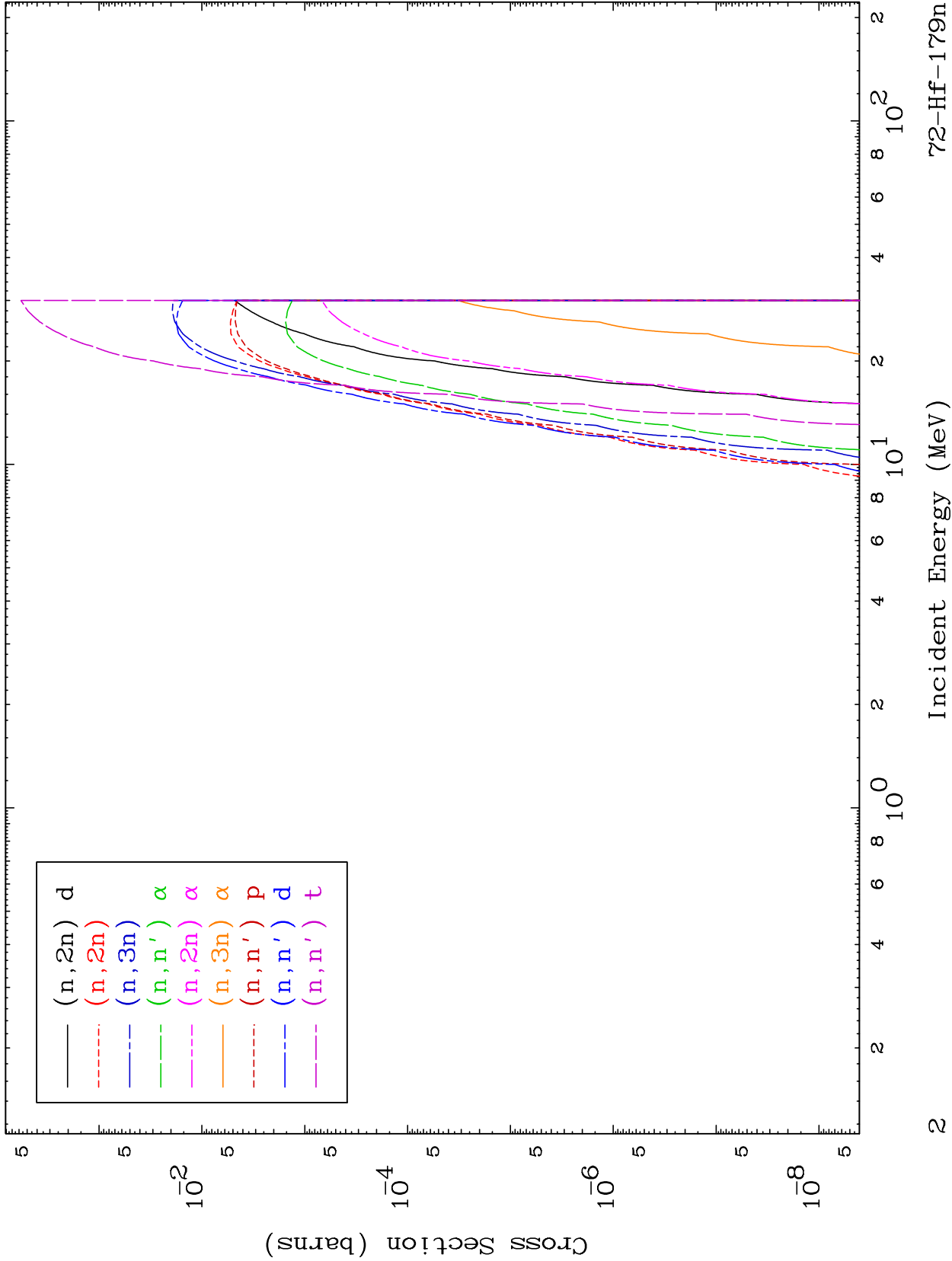
0 Kelvin Cross Sections



MAT 7242

He-3 Neutron Absorption
0 Kelvin Cross Sections

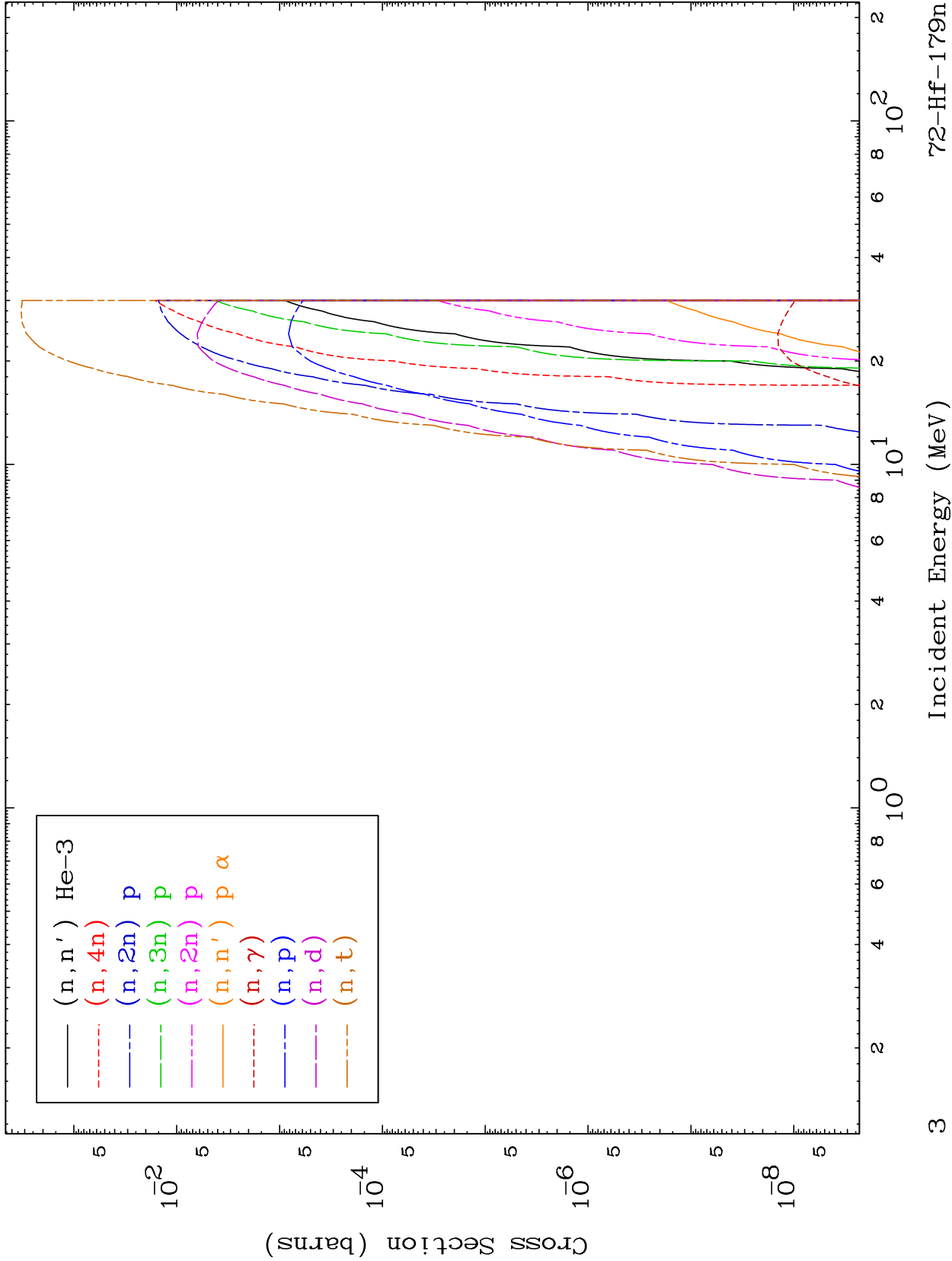
72-Hf-179n



MAT 7242

He-3 Neutron Absorption
0 Kelvin Cross Sections

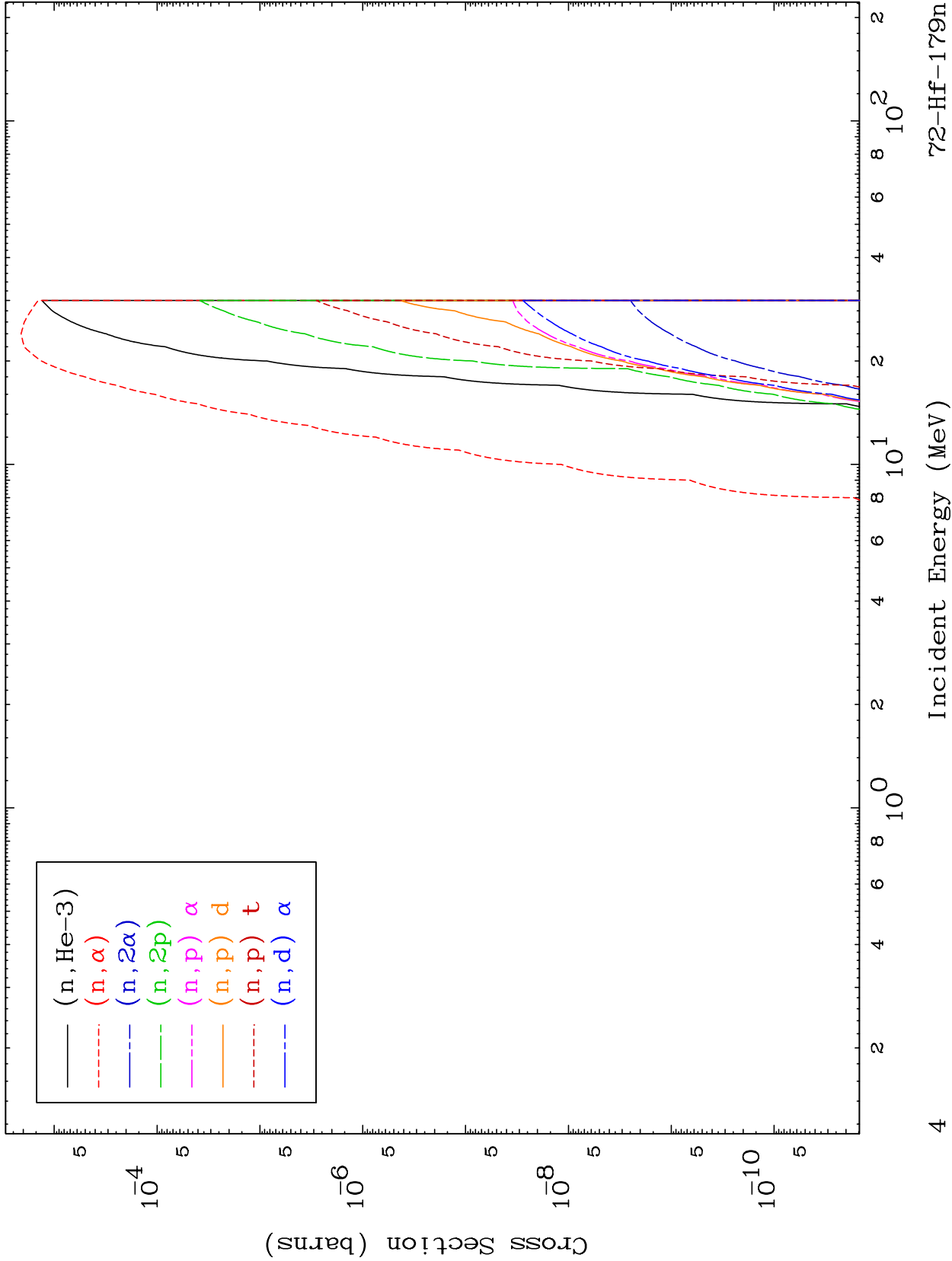
72-Hf-179n



MAT 7242

He-3 Neutron Absorption
0 Kelvin Cross Sections

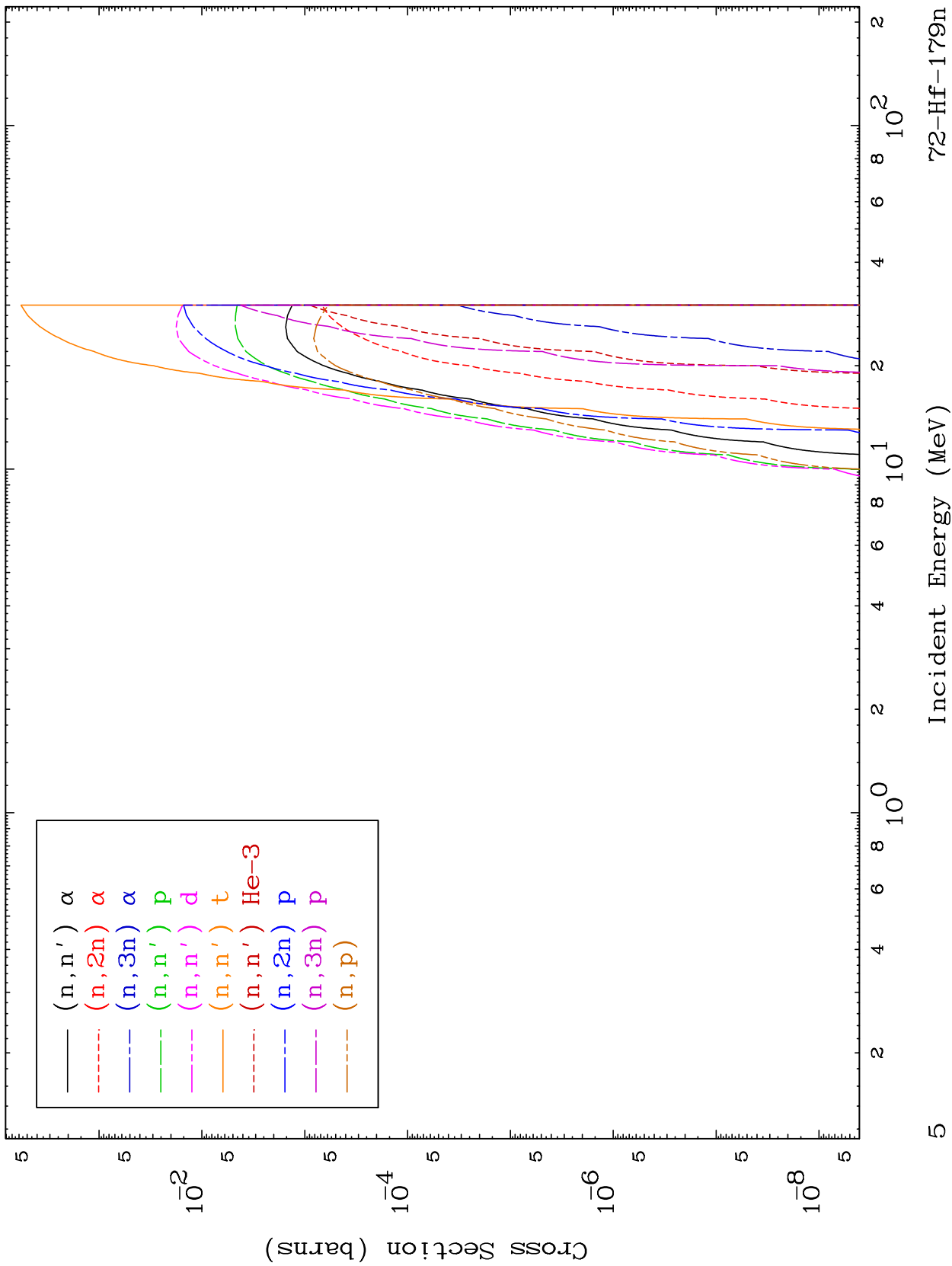
⁷²Hf-179n



MAT 7242

He-3 Charged Particle
0 Kelvin Cross Sections

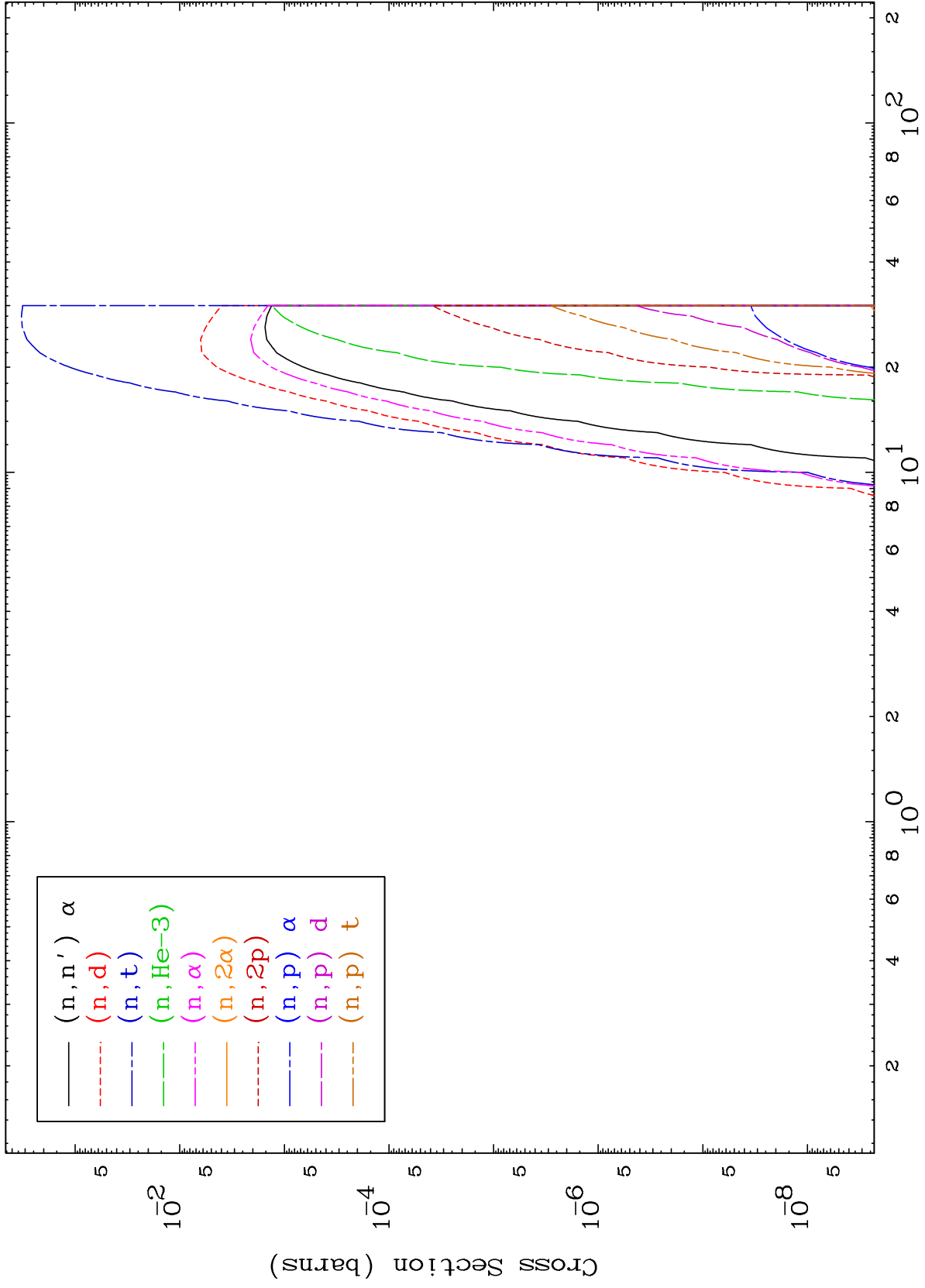
72-Hf-179n



MAT 7242

He-3 Charged Particle
0 Kelvin Cross Sections

72-Hf-179n

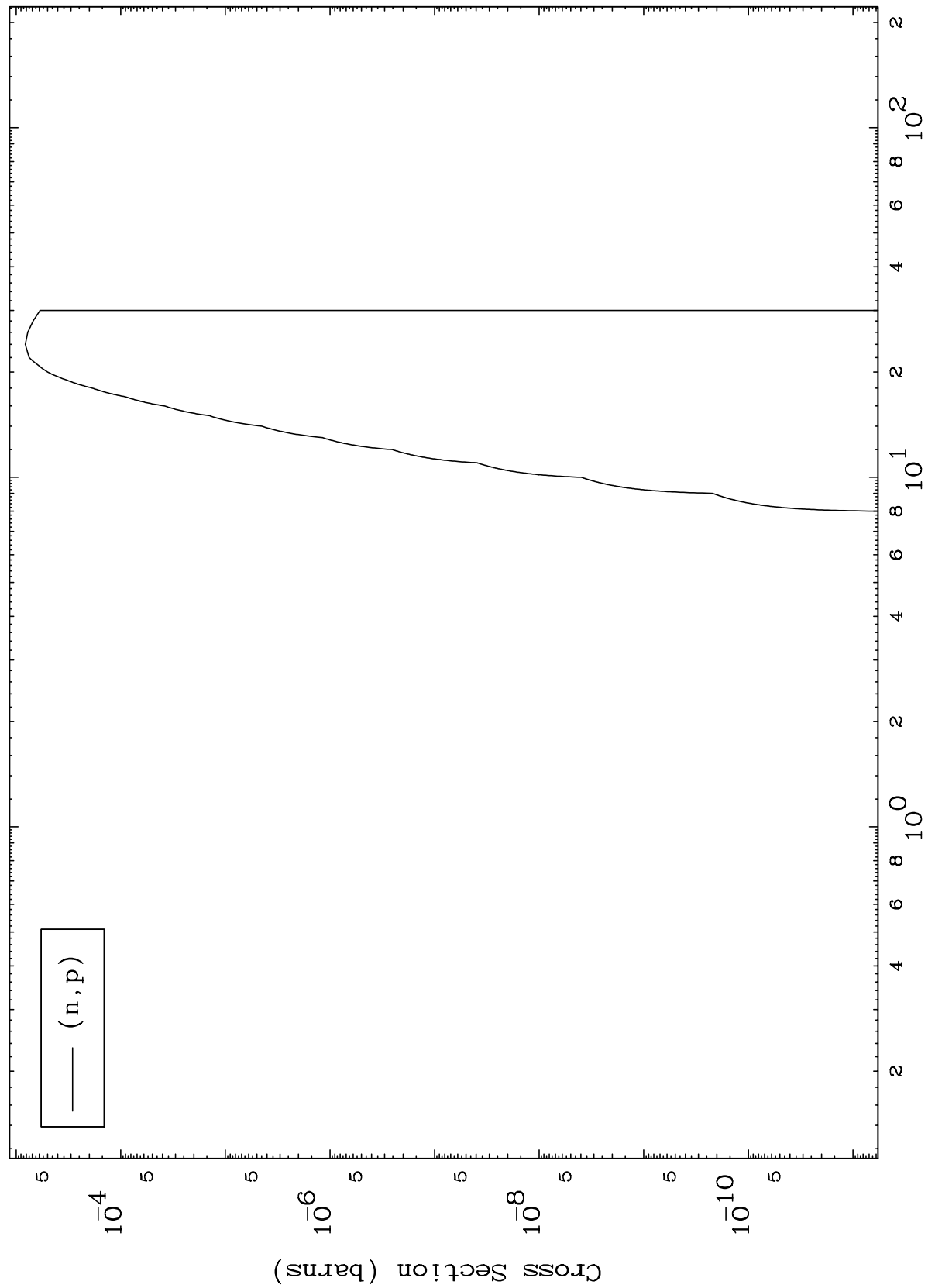


MAT 7242

(He-3,p) Levels

72-Hf-179n

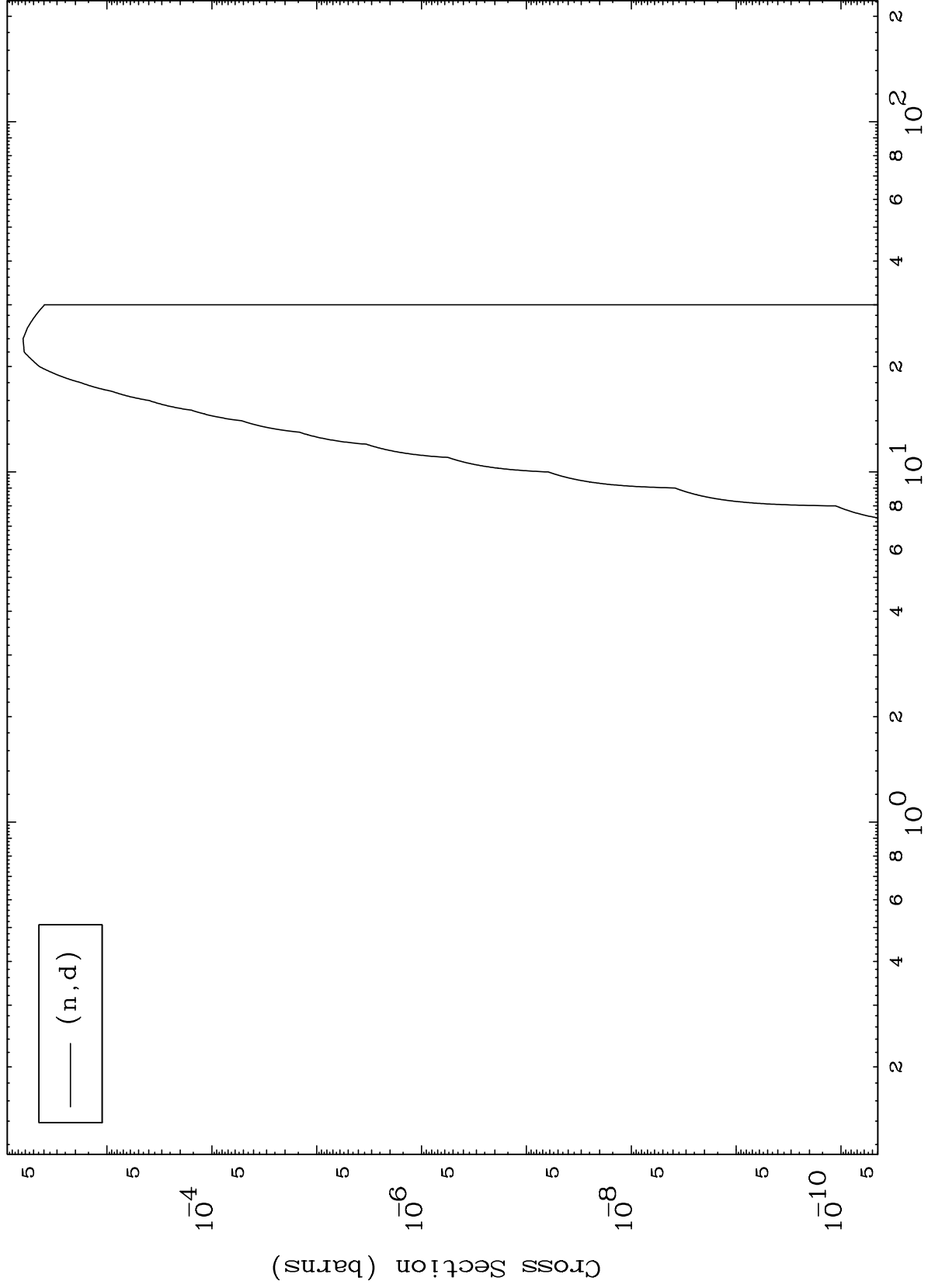
0 Kelvin Cross Sections



MAT 7242

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

72-Hf-179n

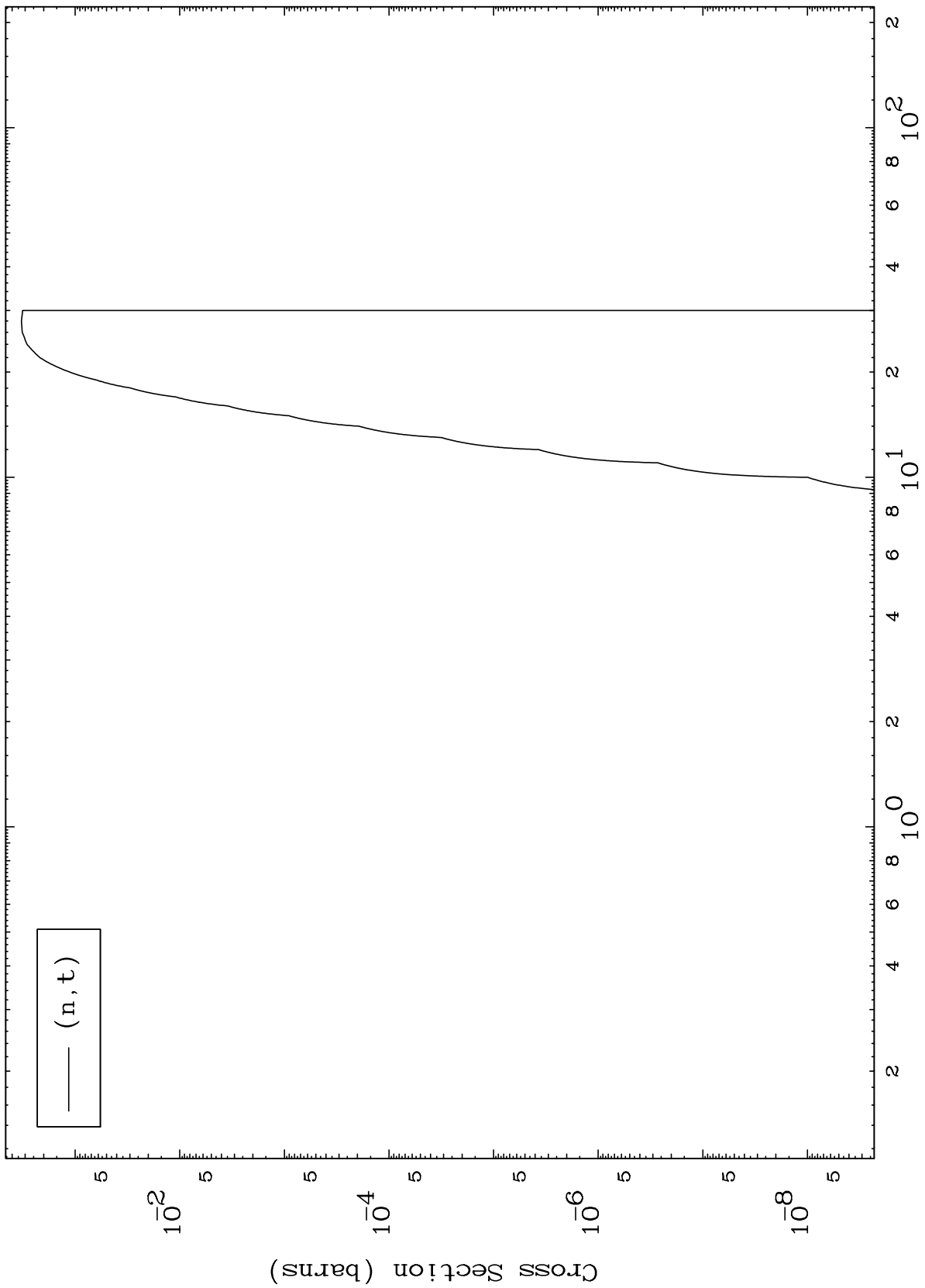


MAT 7242

(He-3,t) Levels

72-Hf-179n

0 Kelvin Cross Sections

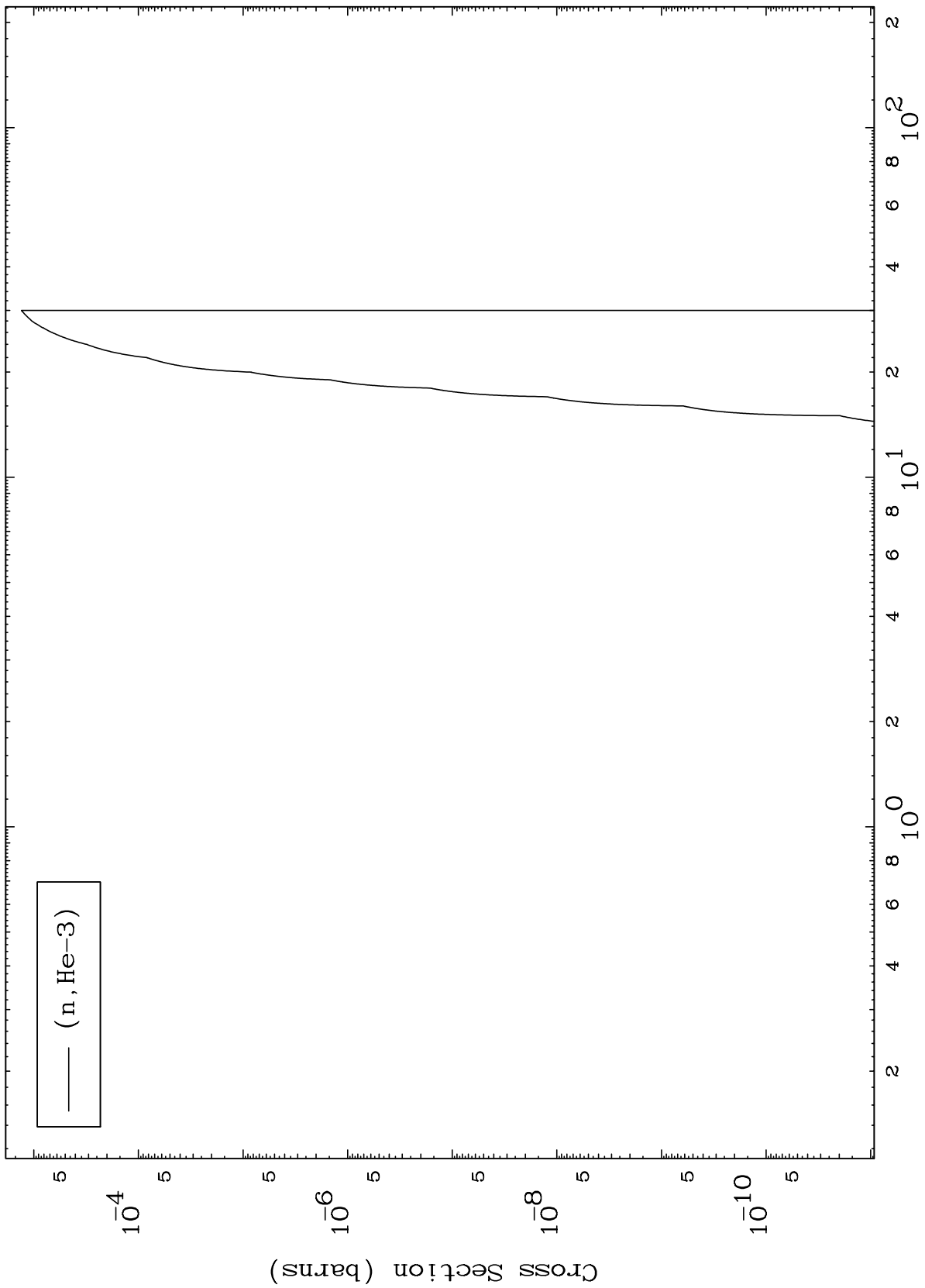


MAT 7242

(He-3, He3) Levels

72-Hf-179n

0 Kelvin Cross Sections



10

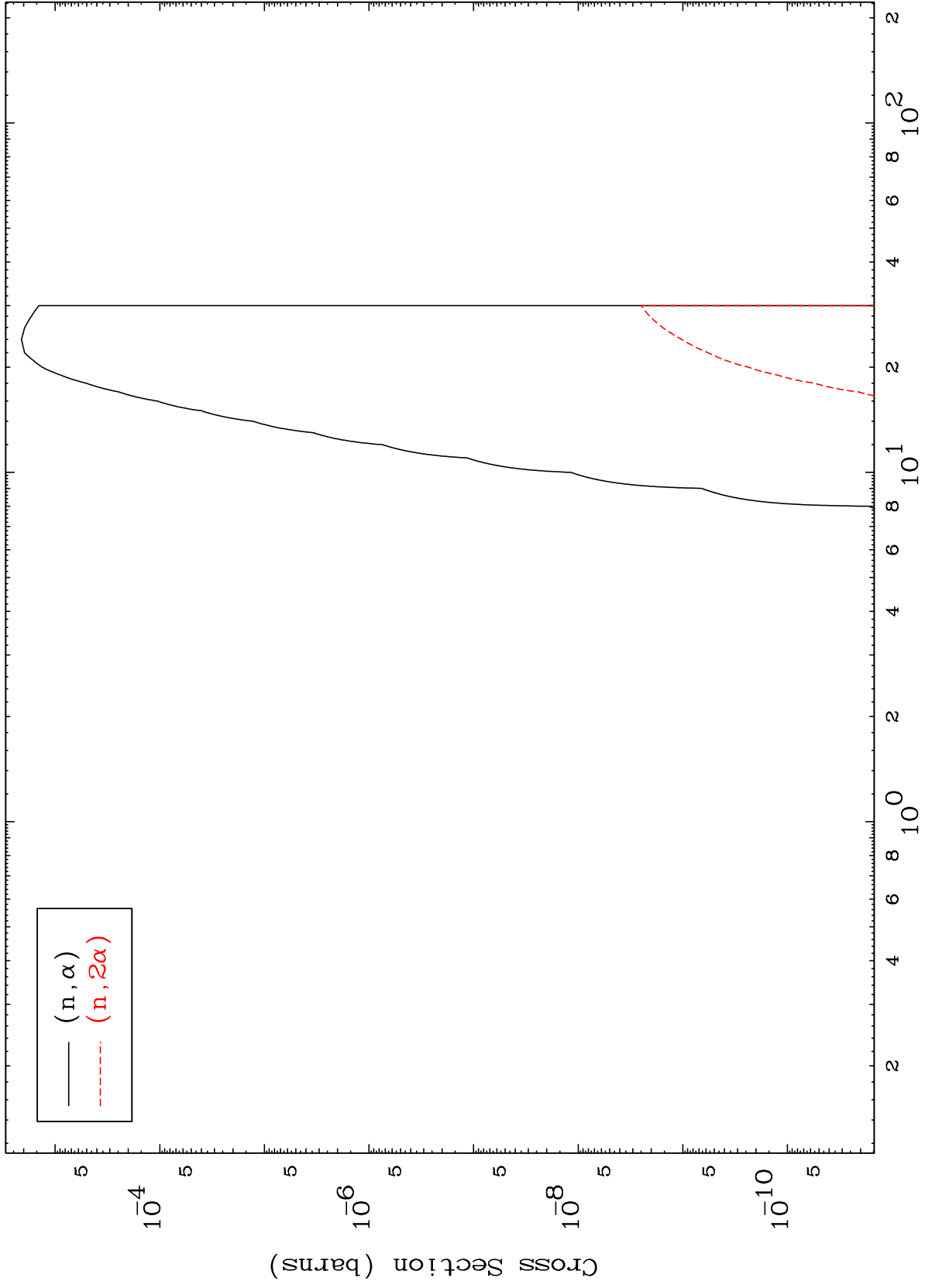
Incident Energy (MeV)

72-Hf-179n

MAT 7242

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

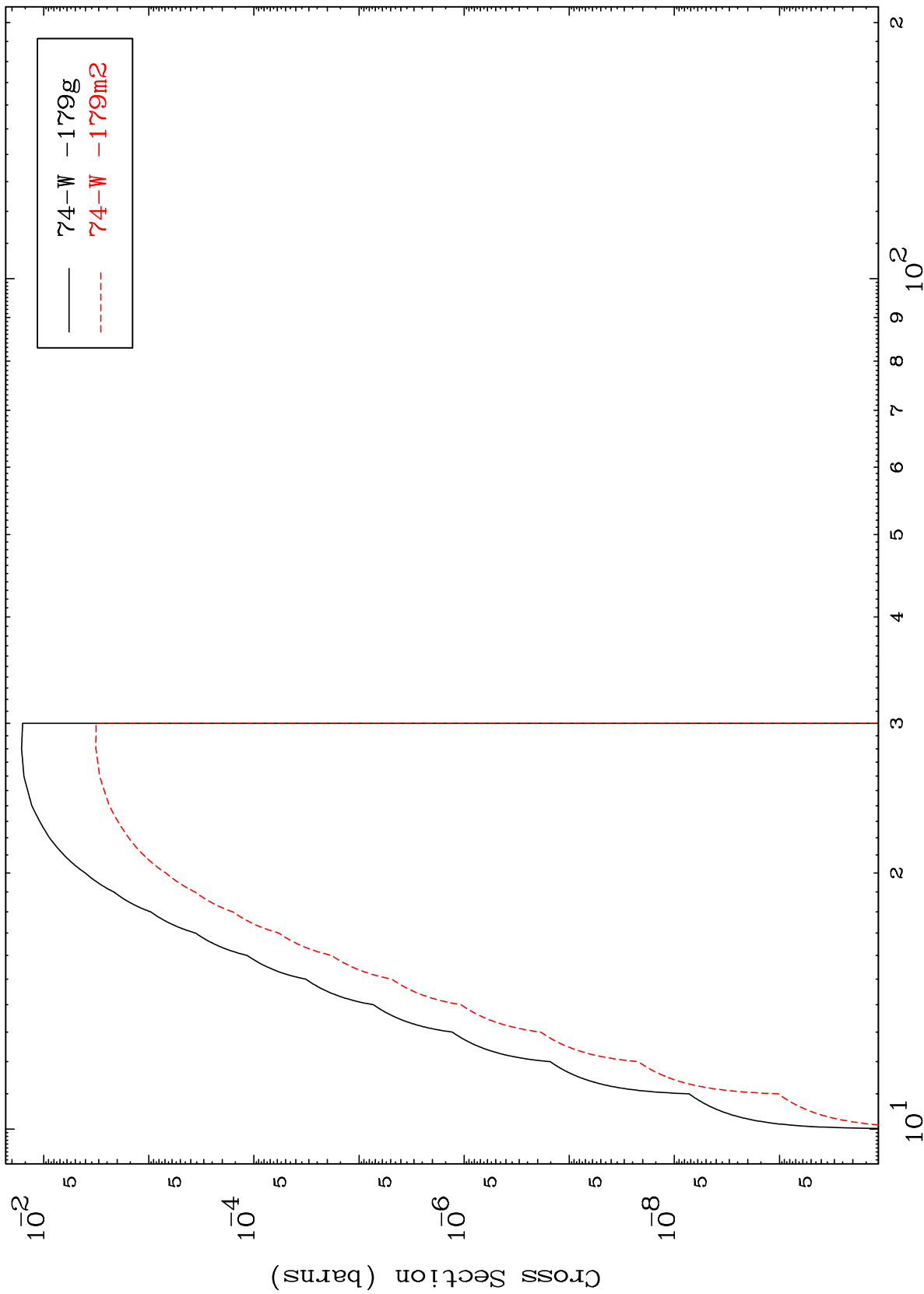
72-Hf-179n



MAT 7242

⁷²Hf-179n

(n,3n)
Radionuclide Production Cross Section



⁷²Hf-179n

Incident Energy (MeV)

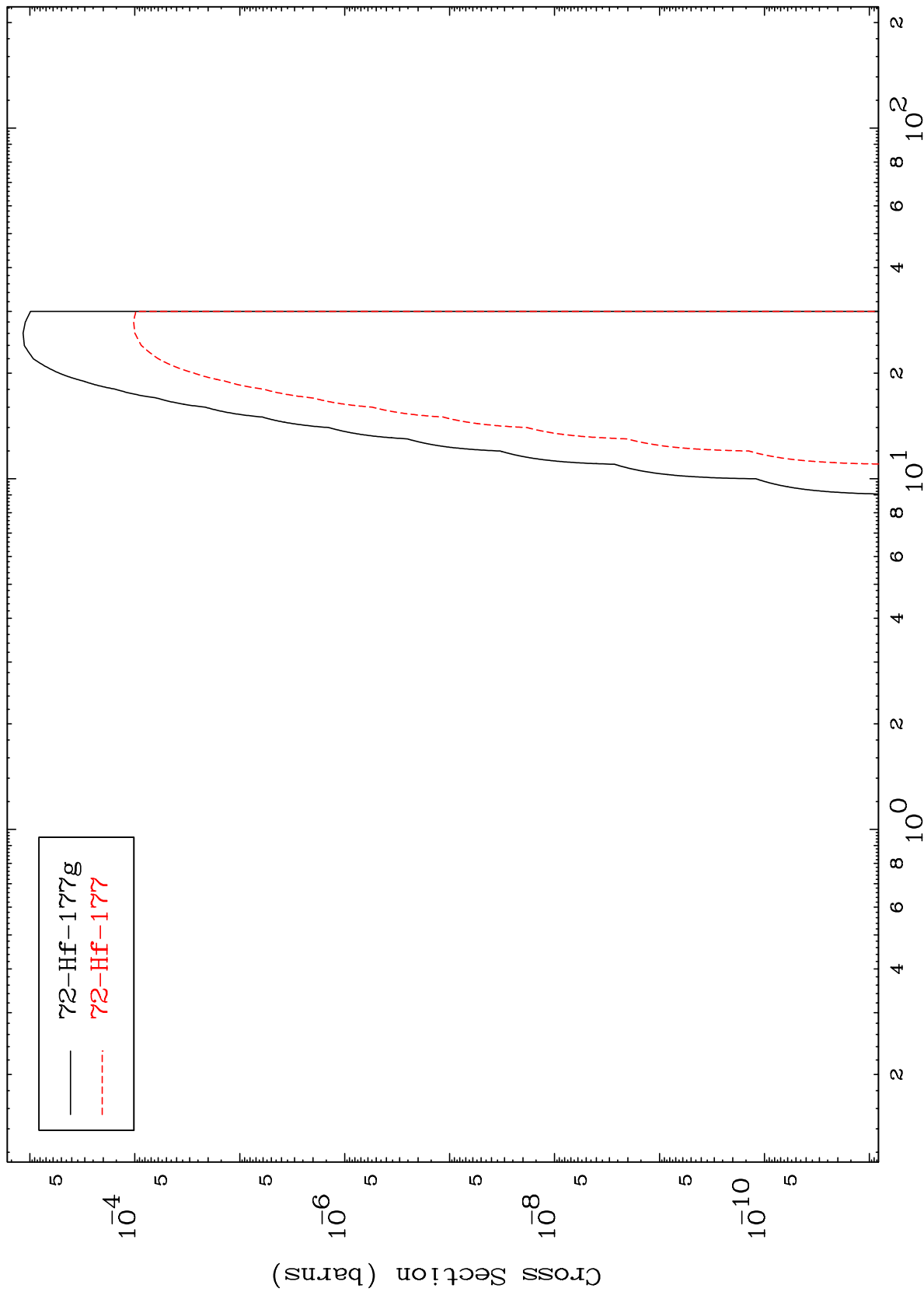
12

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$(n, n') \alpha$

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

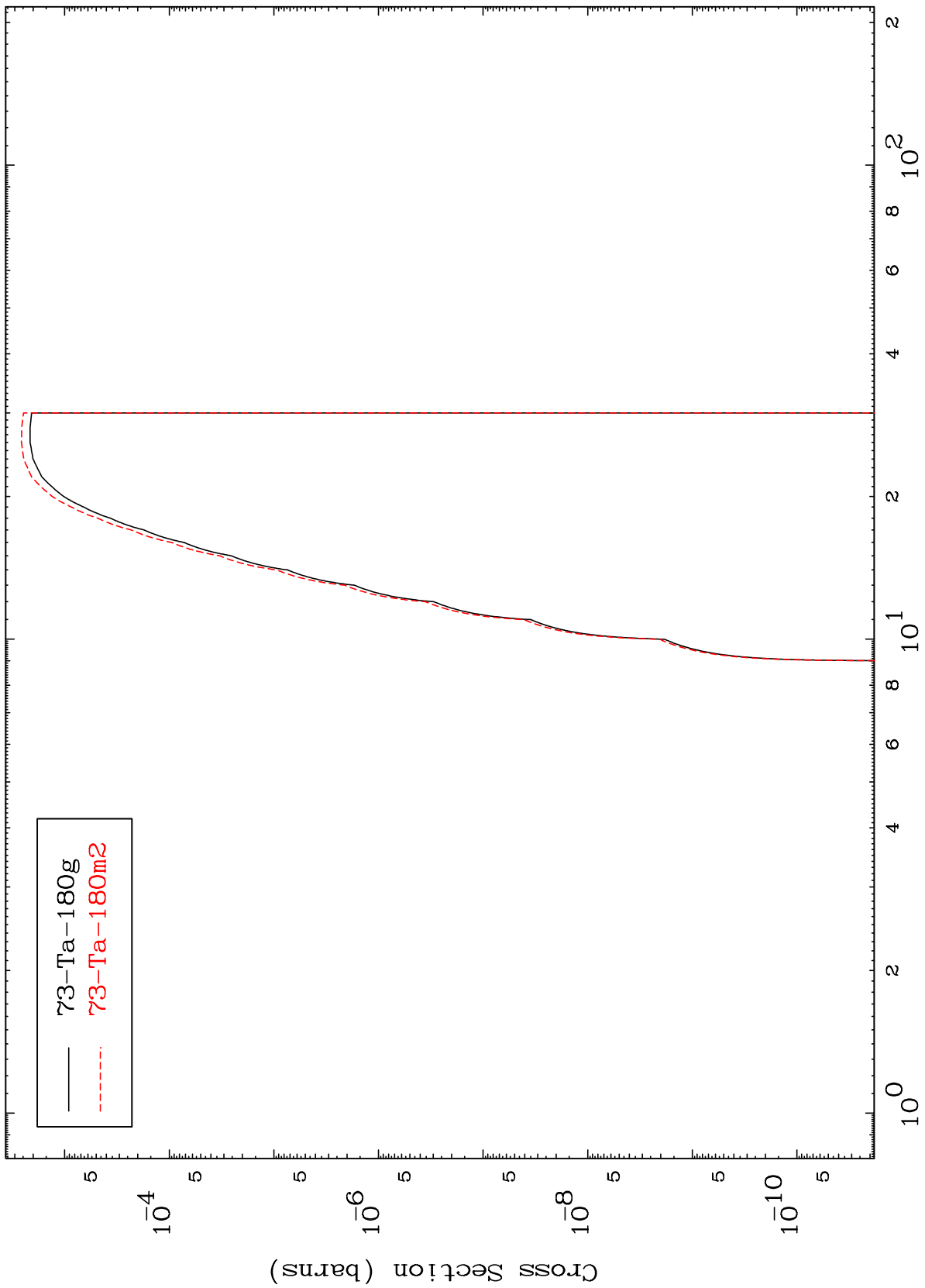
Radionuclide Production Cross Section



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

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



— $^{73}\text{Ta}-180\text{g}$
- - - $^{73}\text{Ta}-180\text{m}2$

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

Incident Energy (MeV)

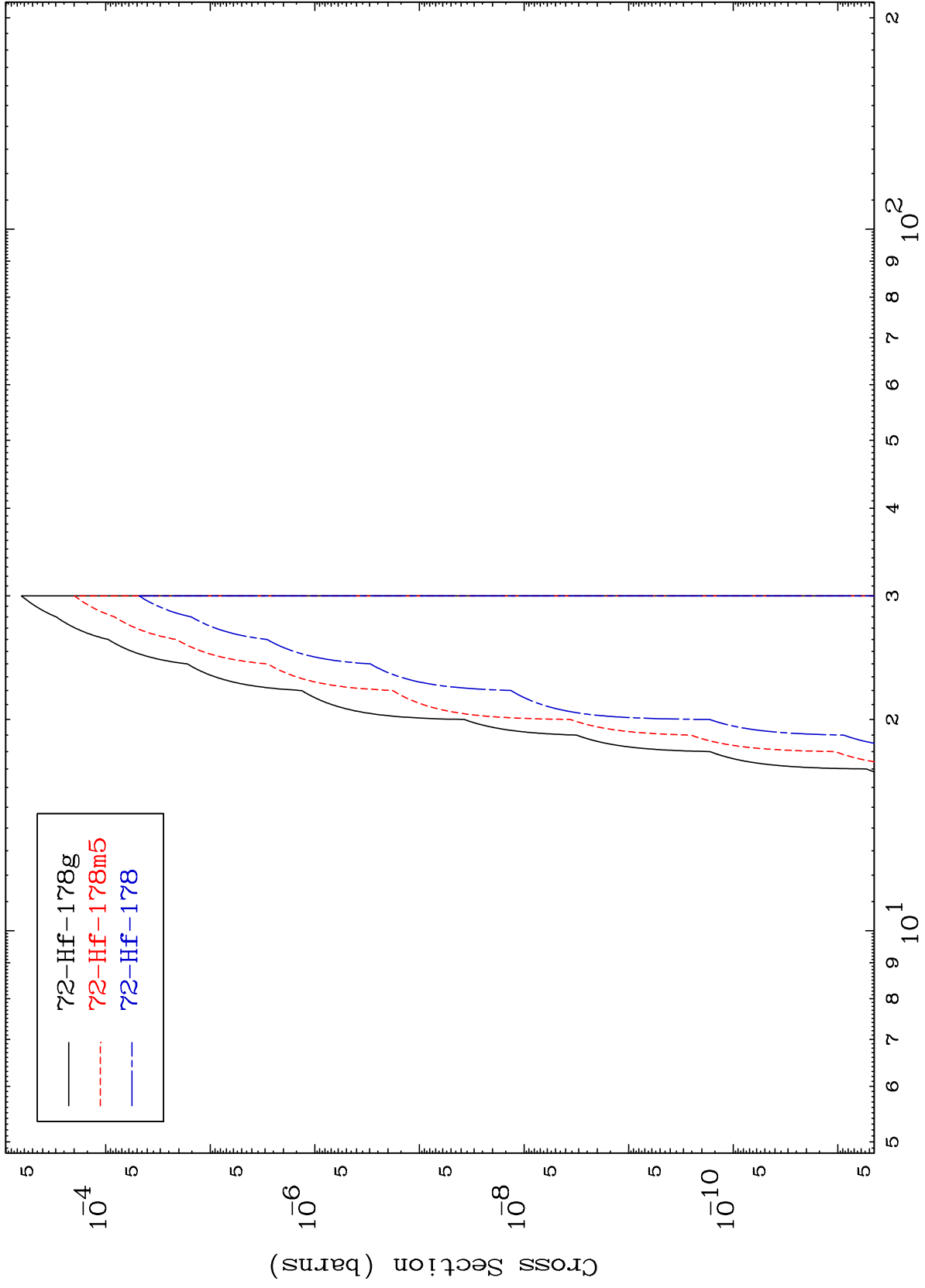
14

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(n,n') He-3

⁷²Hf-179n

Radionuclide Production Cross Section



15

Incident Energy (MeV)

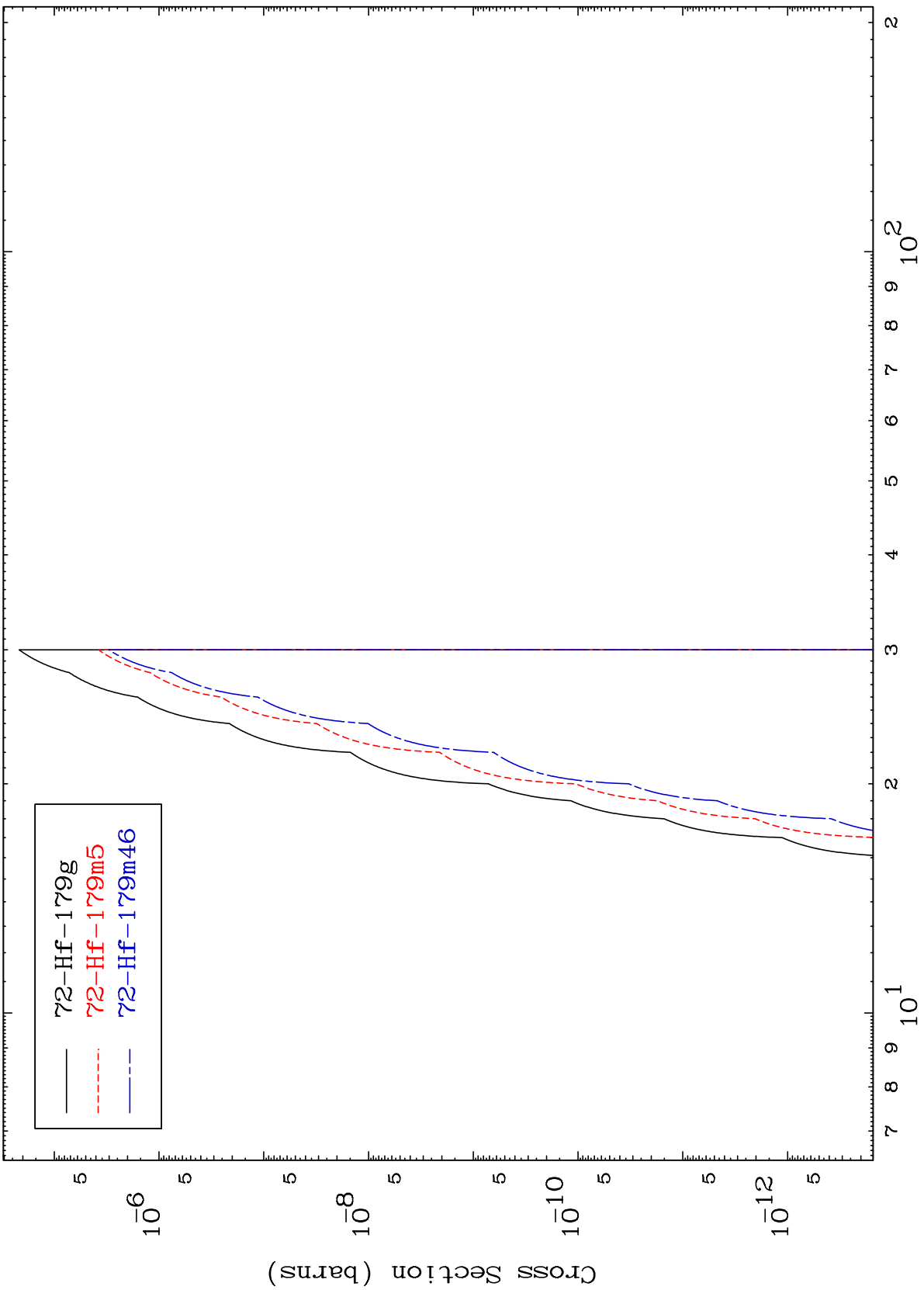
⁷²Hf-179n

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(n,2n) p

⁷²Hf-179n

Radionuclide Production Cross Section



72-Hf-179g
72-Hf-179m5
72-Hf-179m46

16

Incident Energy (MeV)

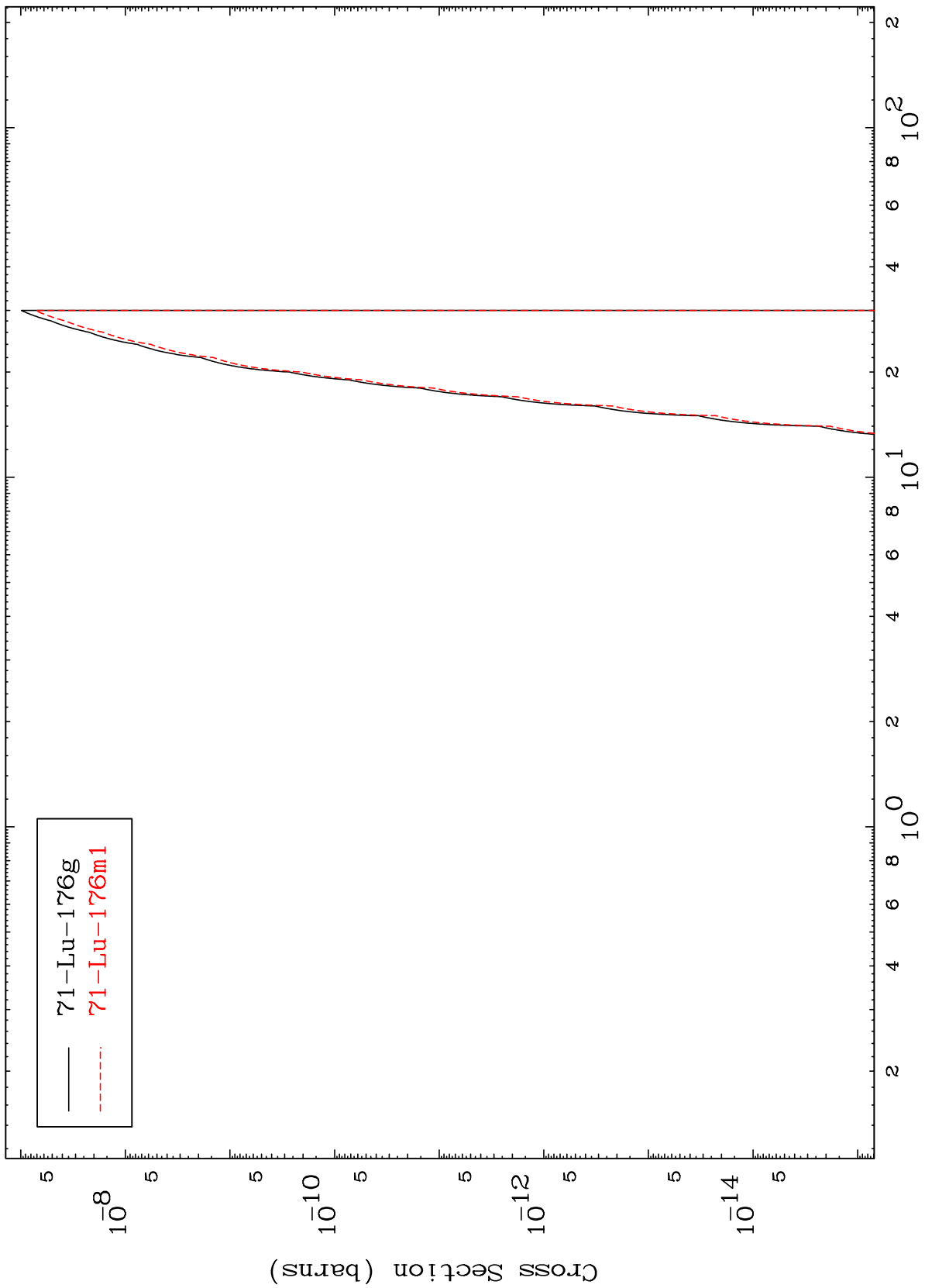
⁷²Hf-179n

MAT 7242

(n,n') p α

⁷²Hf-¹⁷⁹n

Radionuclide Production Cross Section

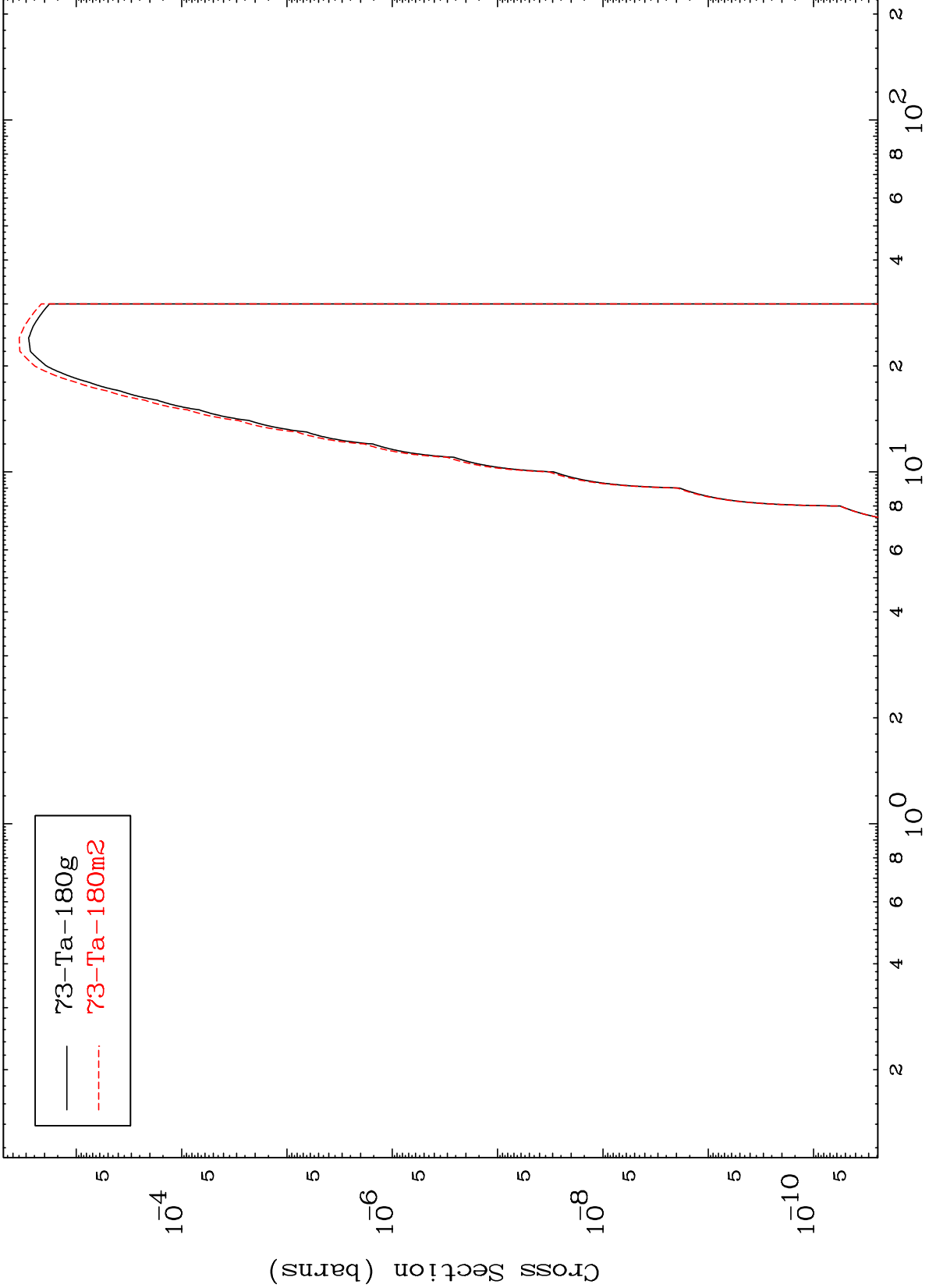


MAT 7242

(n,d)

⁷²Hf-179n

Radionuclide Production Cross Section



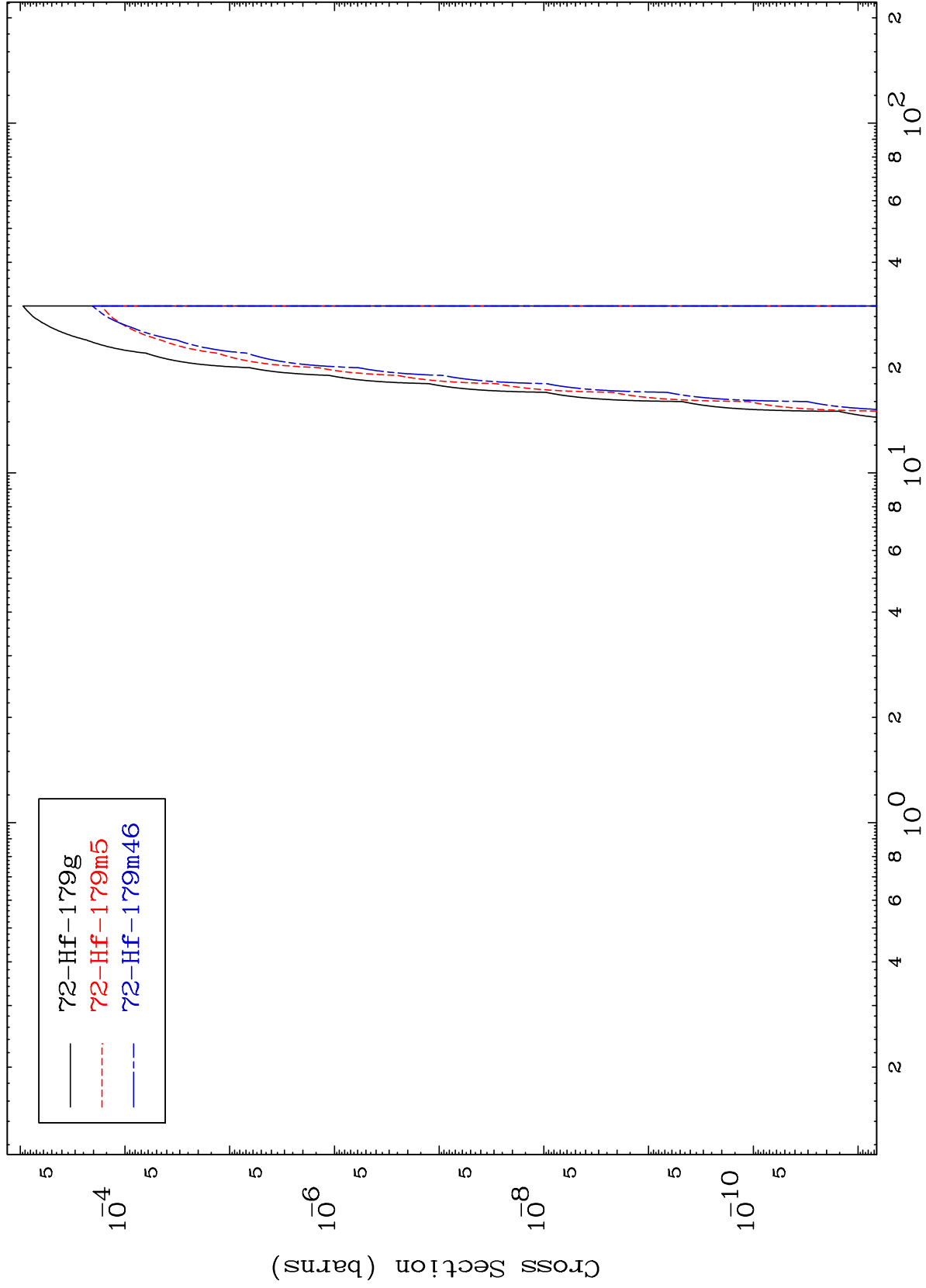
73-Ta-180g
73-Ta-180m2

MAT 7242

(n,He-3)

⁷²Hf-179n

Radionuclide Production Cross Section

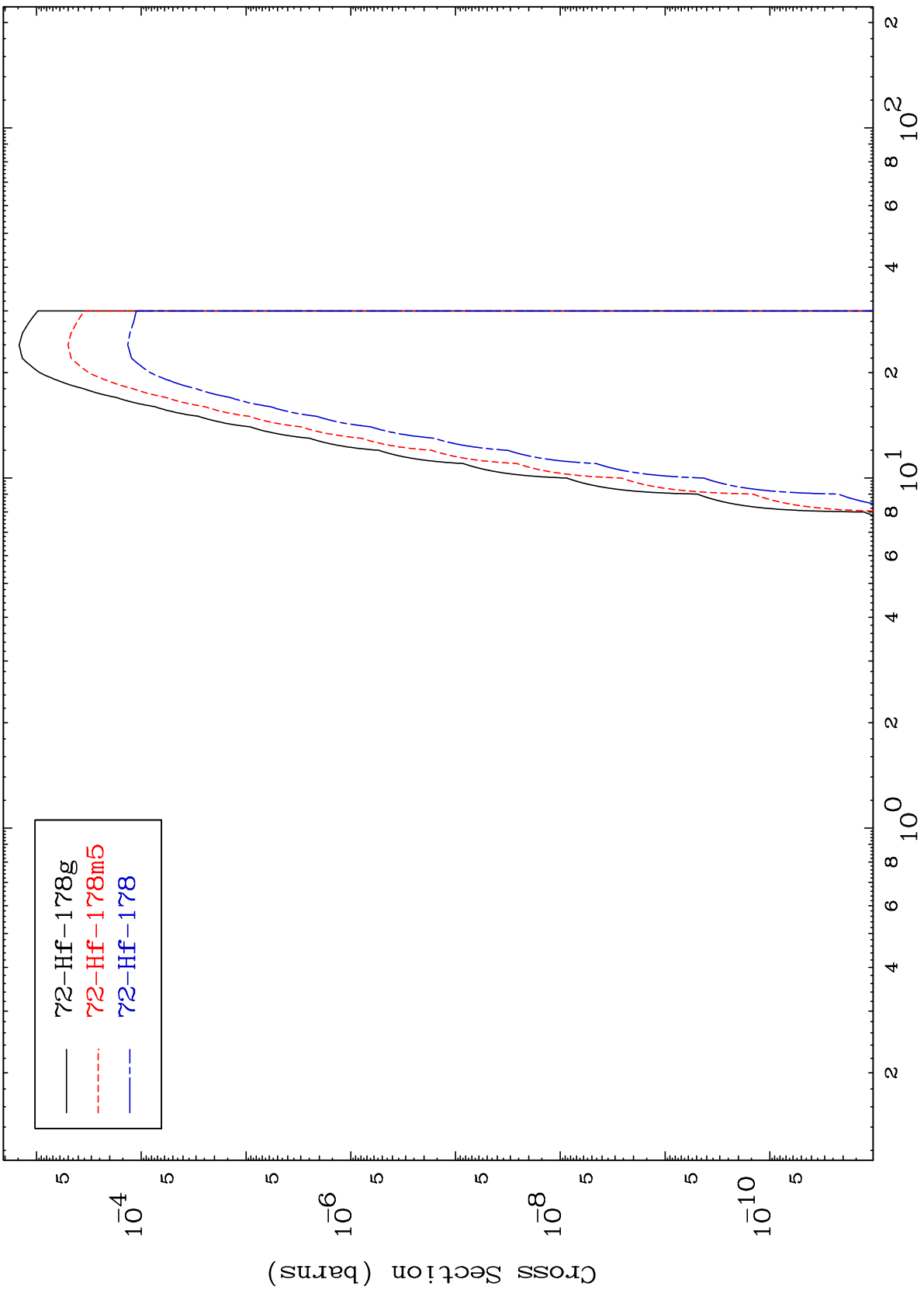


MAT 7242

(n, α)

⁷²Hf-179n

Radionuclide Production Cross Section

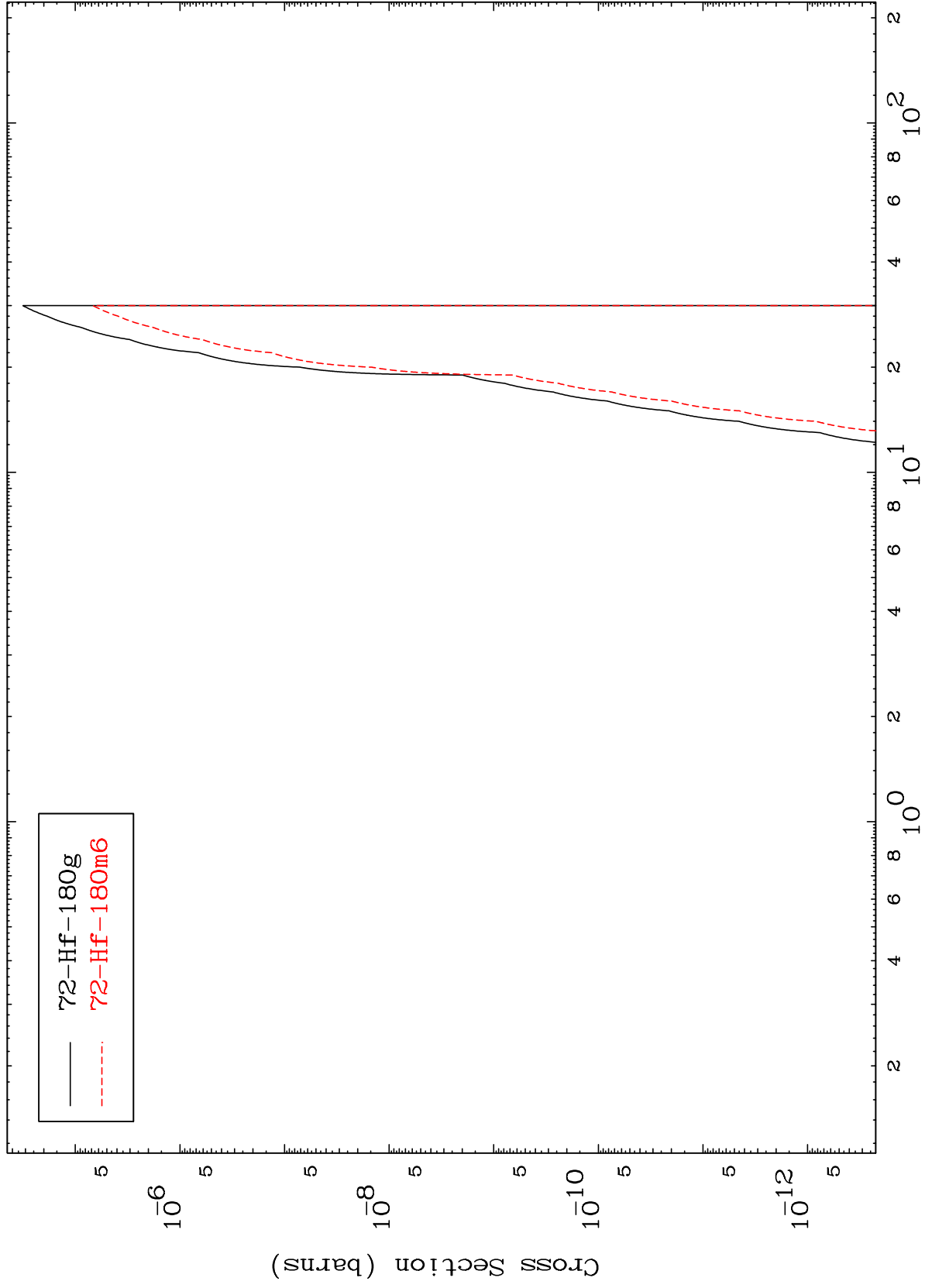


MAT 7242

(n,2p)

⁷²Hf-179n

Radionuclide Production Cross Section

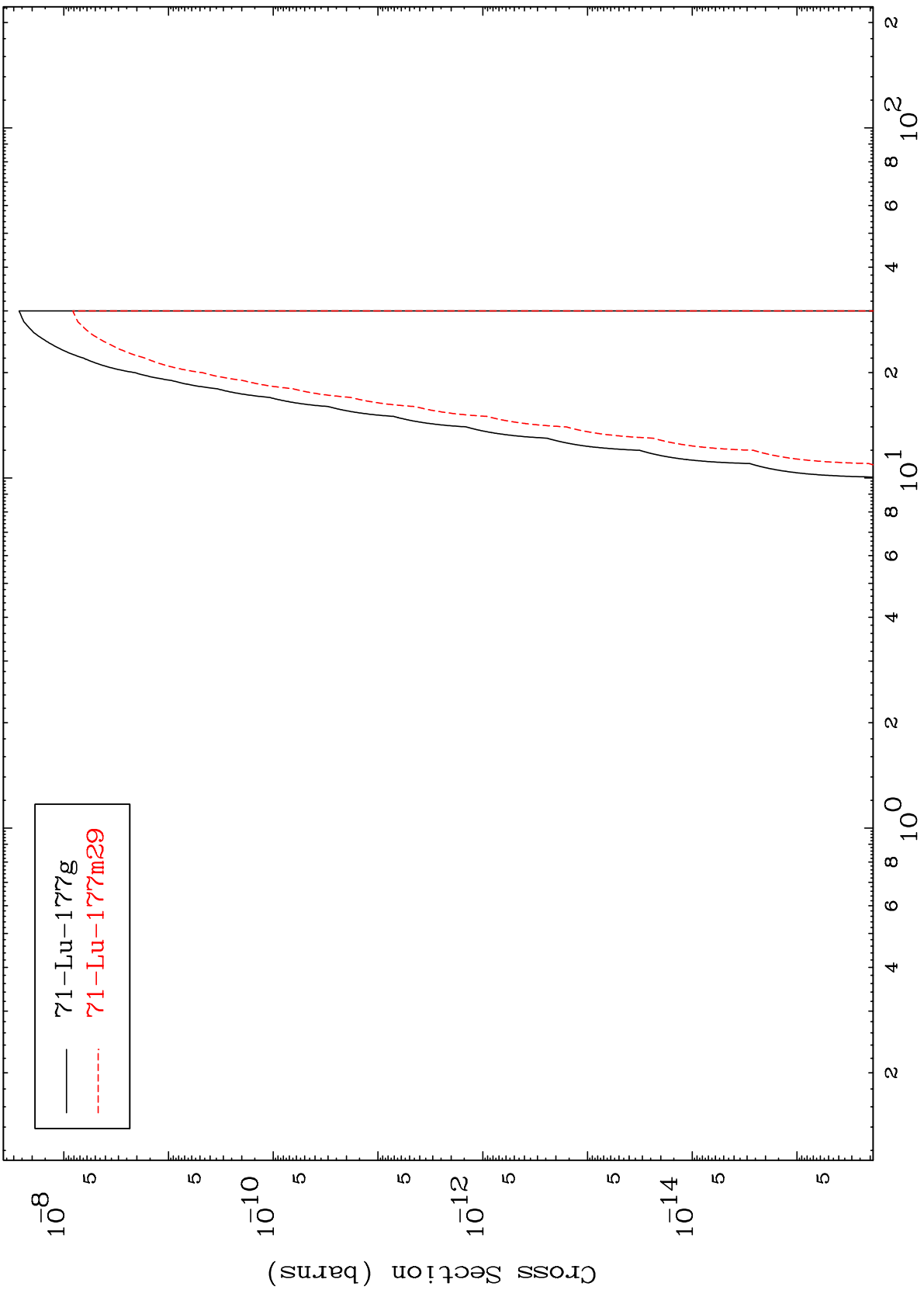


MAT 7242

(n,p) α

⁷²Hf-179n

Radionuclide Production Cross Section

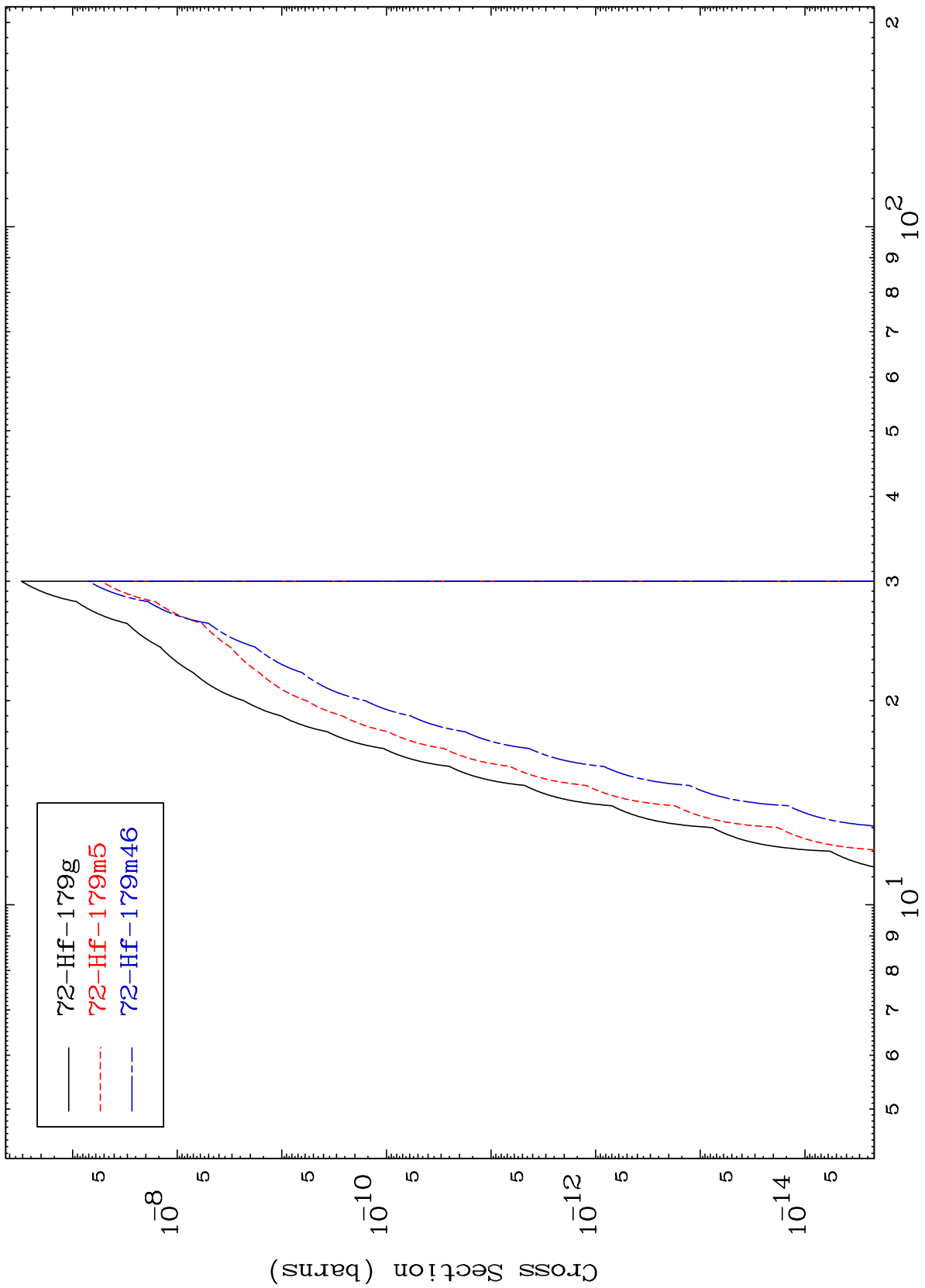


MAT 7242

(n,p) d

⁷²Hf-179n

Radionuclide Production Cross Section



23

Incident Energy (MeV)

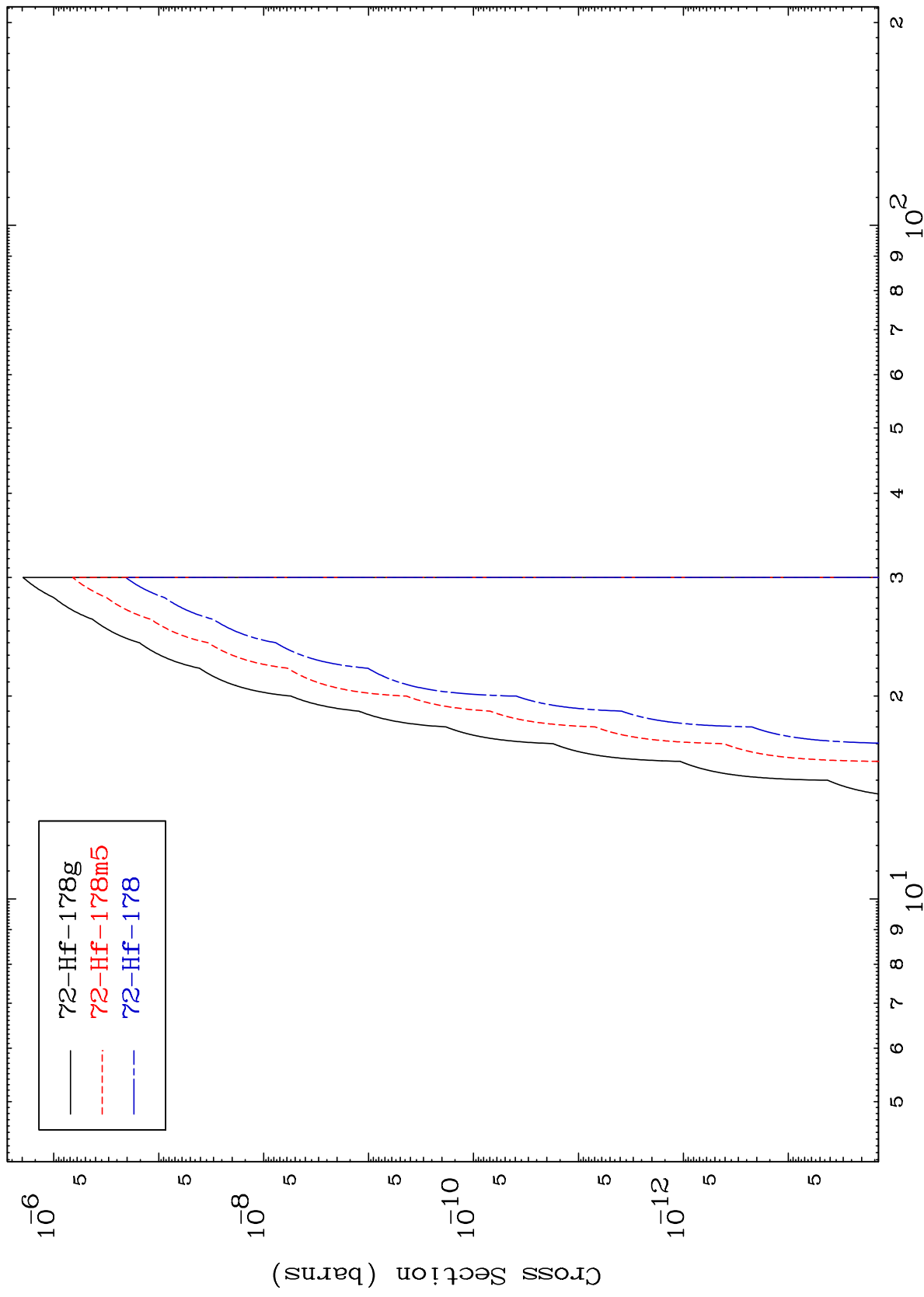
⁷²Hf-179n

MAT 7242

(n,p) t

⁷²Hf-179n

Radionuclide Production Cross Section



MAT 7242

(n,d) α

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

