

Program EVALPLOT
(Version 2021-1)

by

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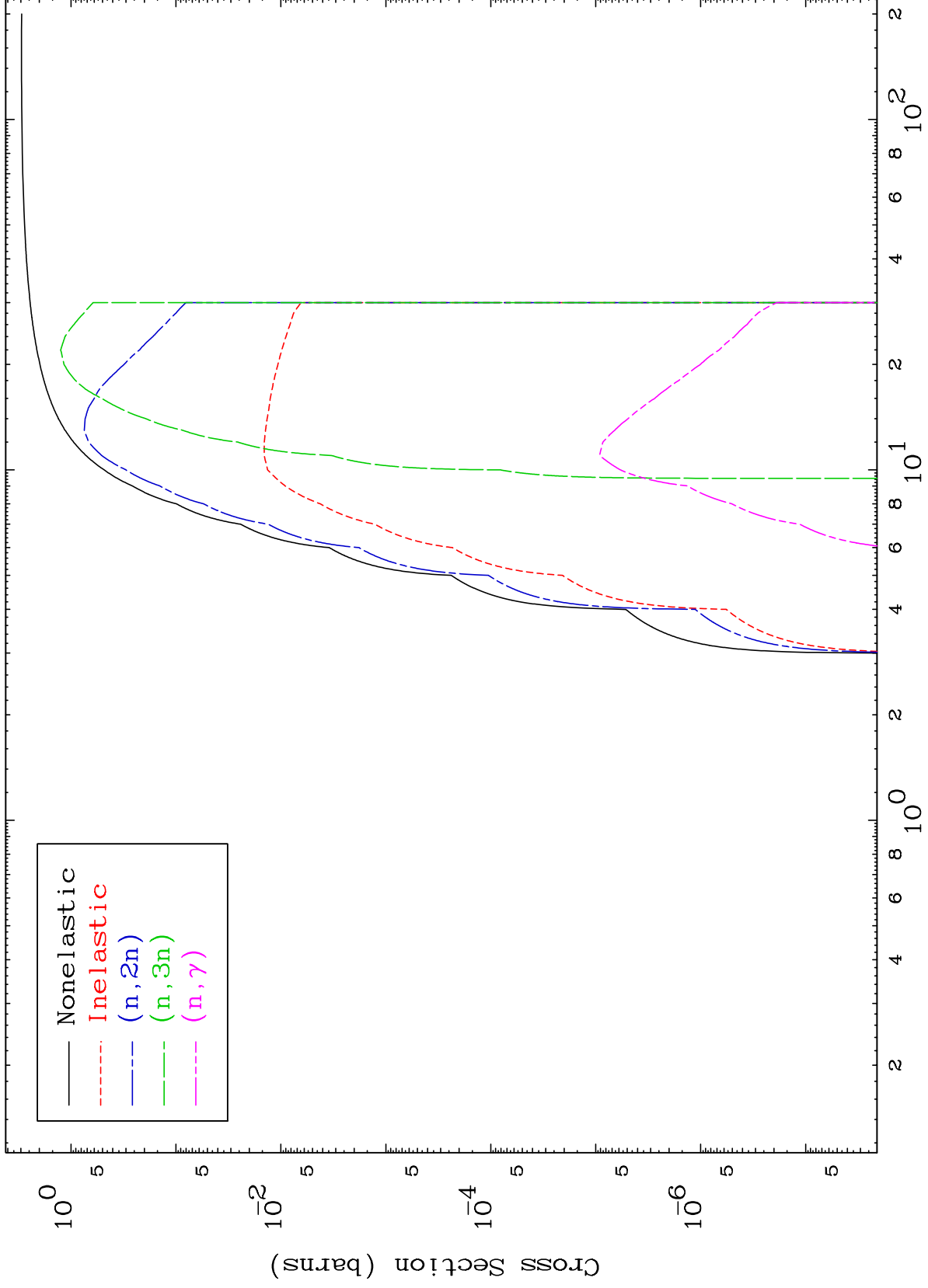
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7239

Deuteron Major
0 Kelvin Cross Sections

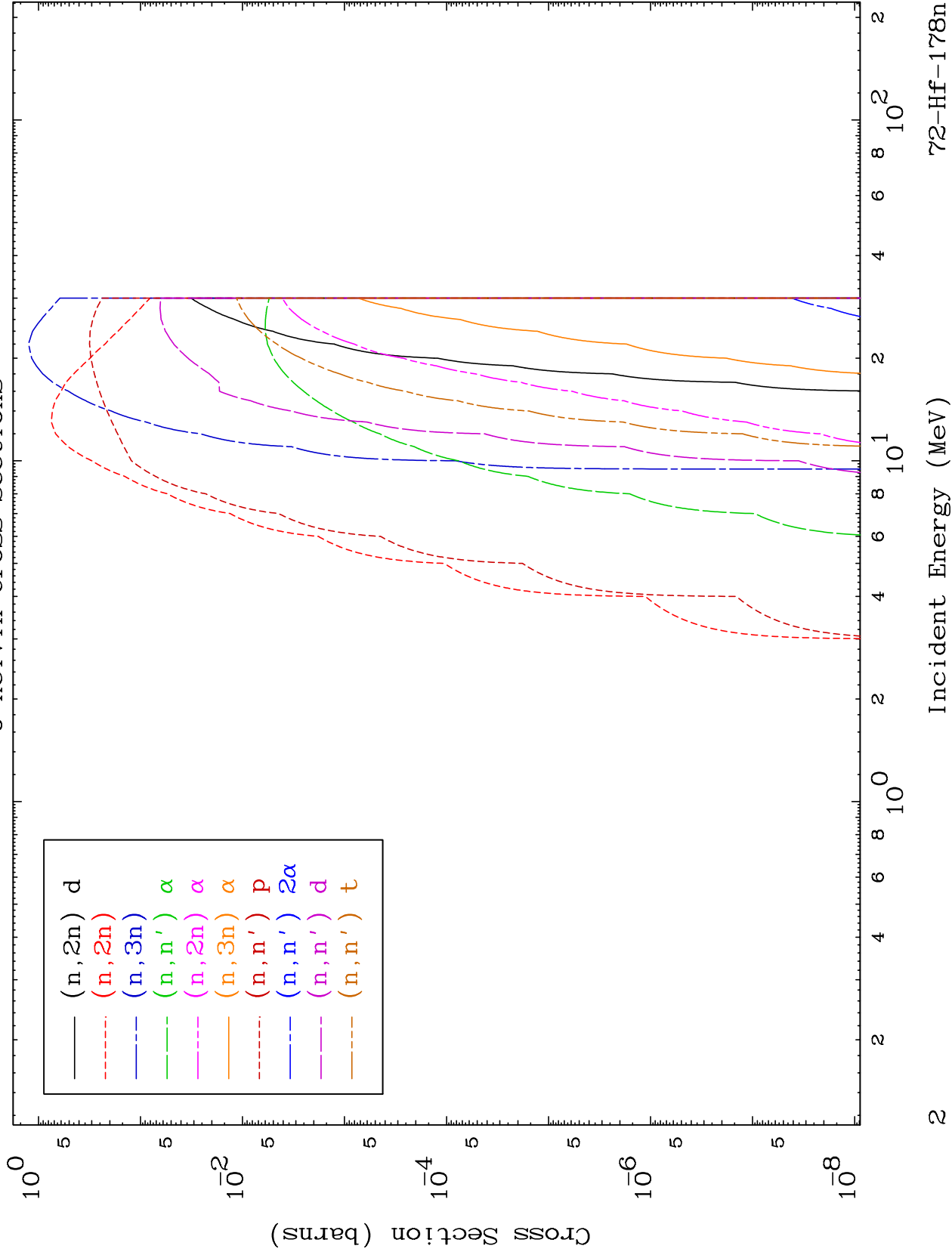
⁷²Hf-178n



MAT 7239

Deuteron Neutron Absorption
0 Kelvin Cross Sections

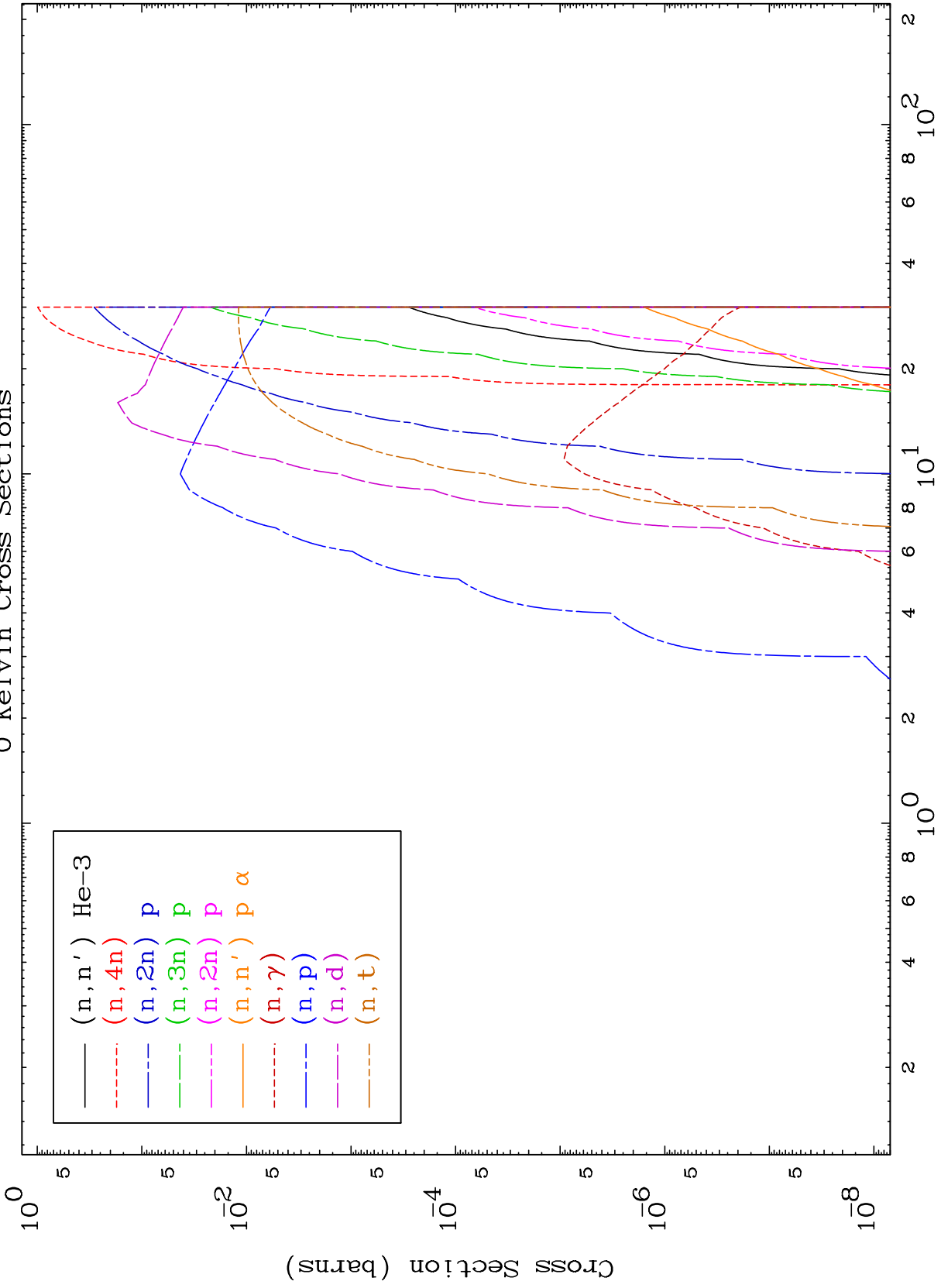
⁷²Hf-178n



MAT 7239

Deuteron Neutron Absorption
0 Kelvin Cross Sections

⁷²Hf-178n



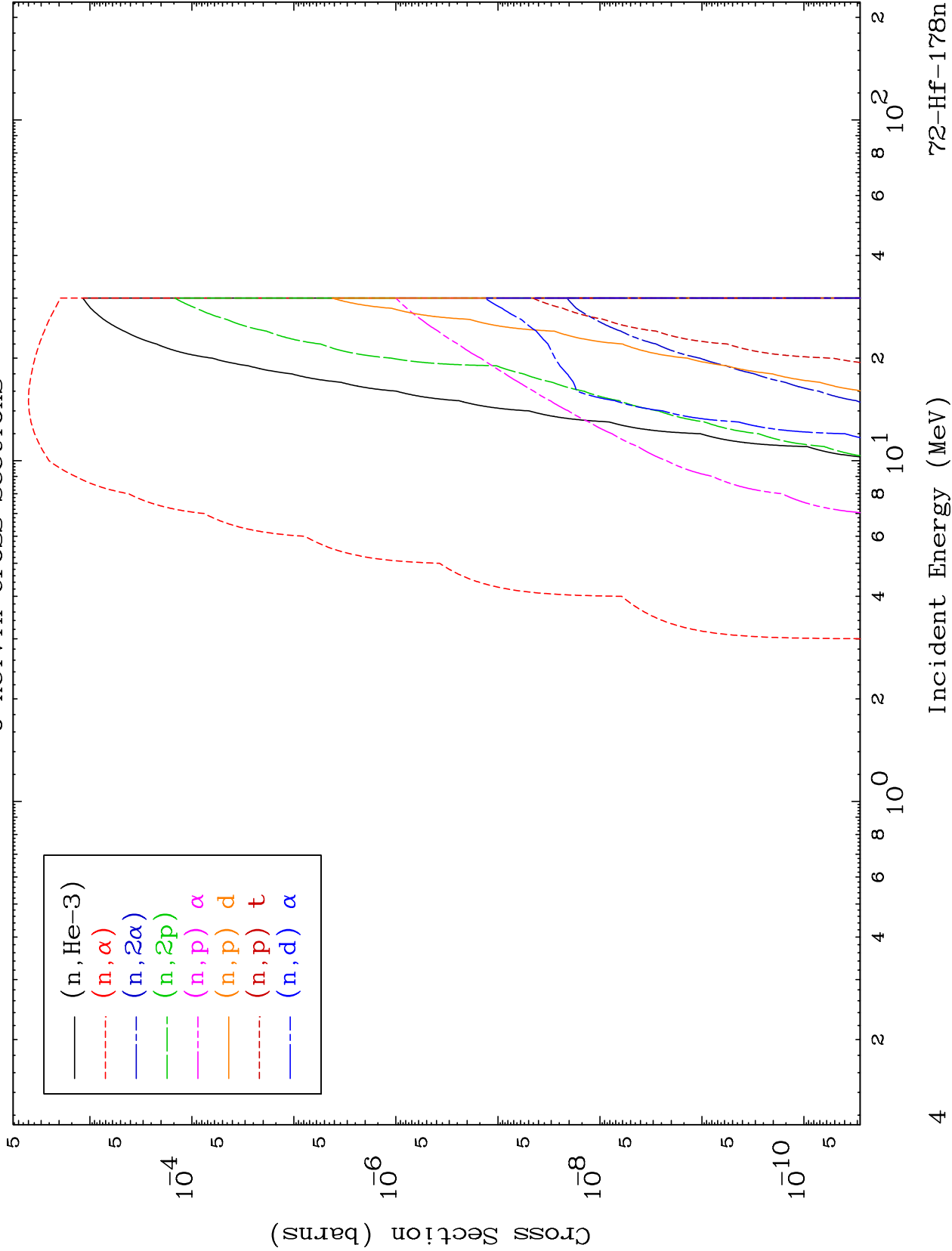
Incident Energy (MeV)

⁷²Hf-178n

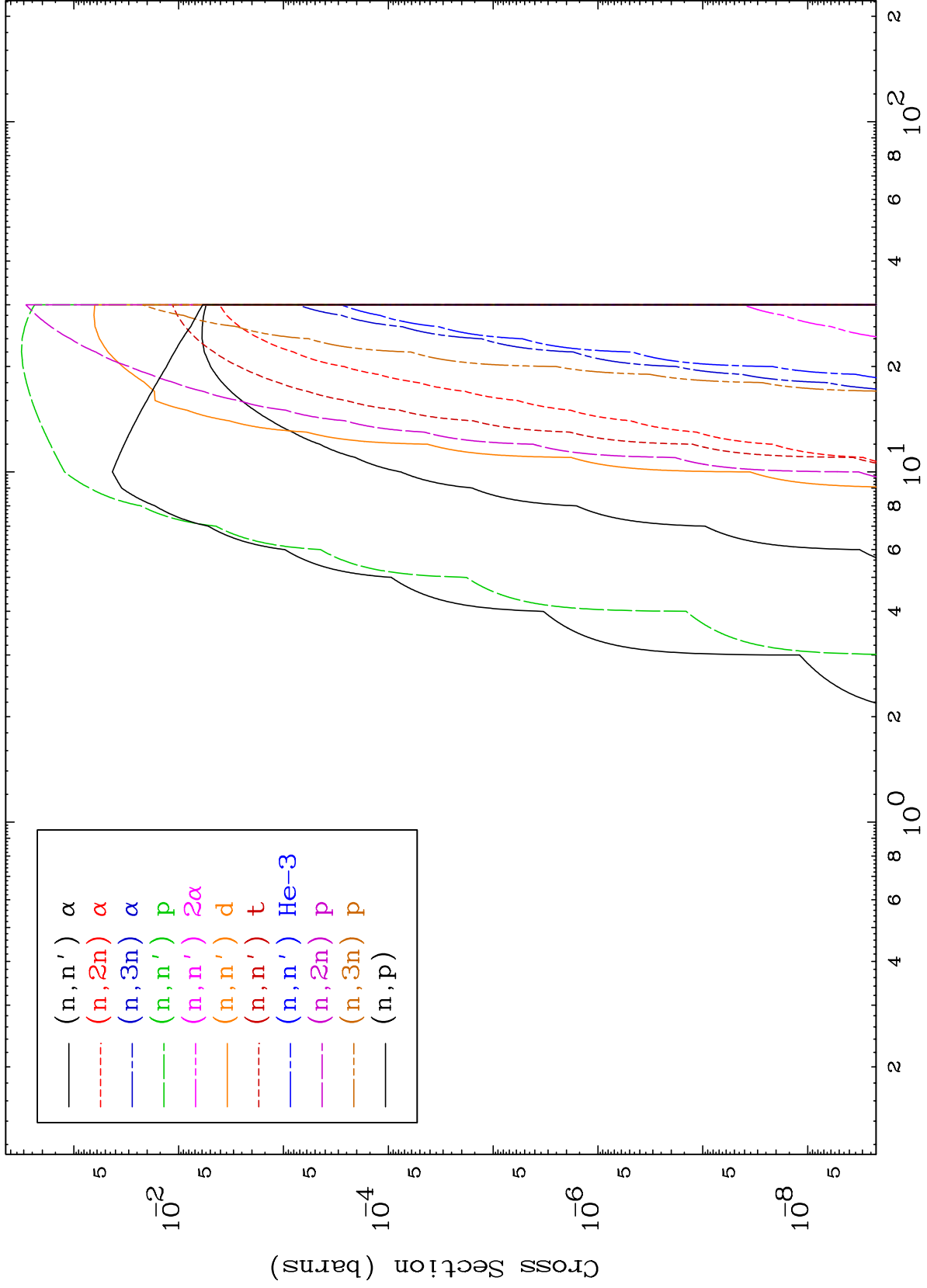
MAT 7239

Deuteron Neutron Absorption
0 Kelvin Cross Sections

⁷²Hf-178n



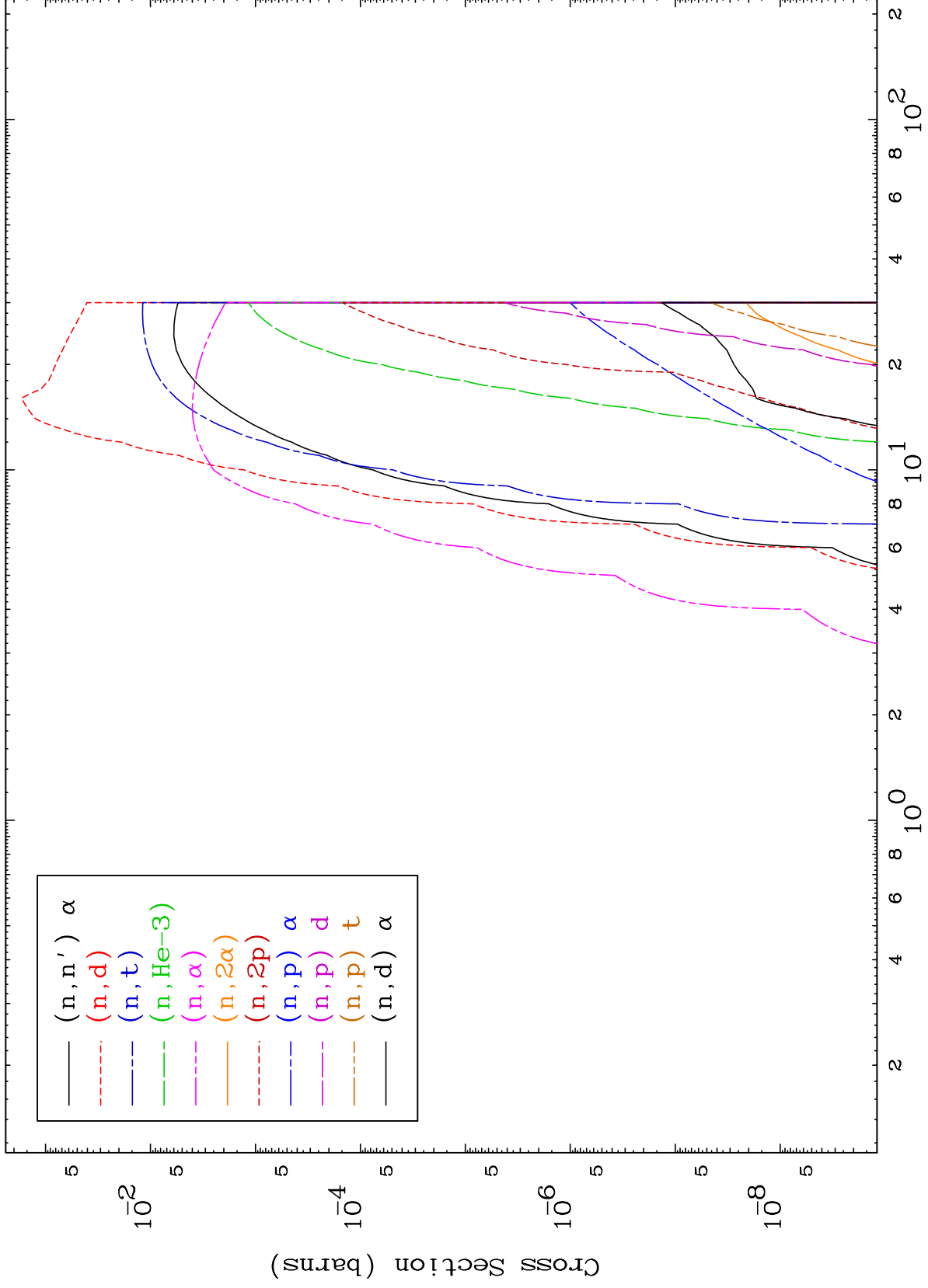
⁷²Hf-178n



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Deuteron Charged Particle
0 Kelvin Cross Sections

⁷²Hf-178n

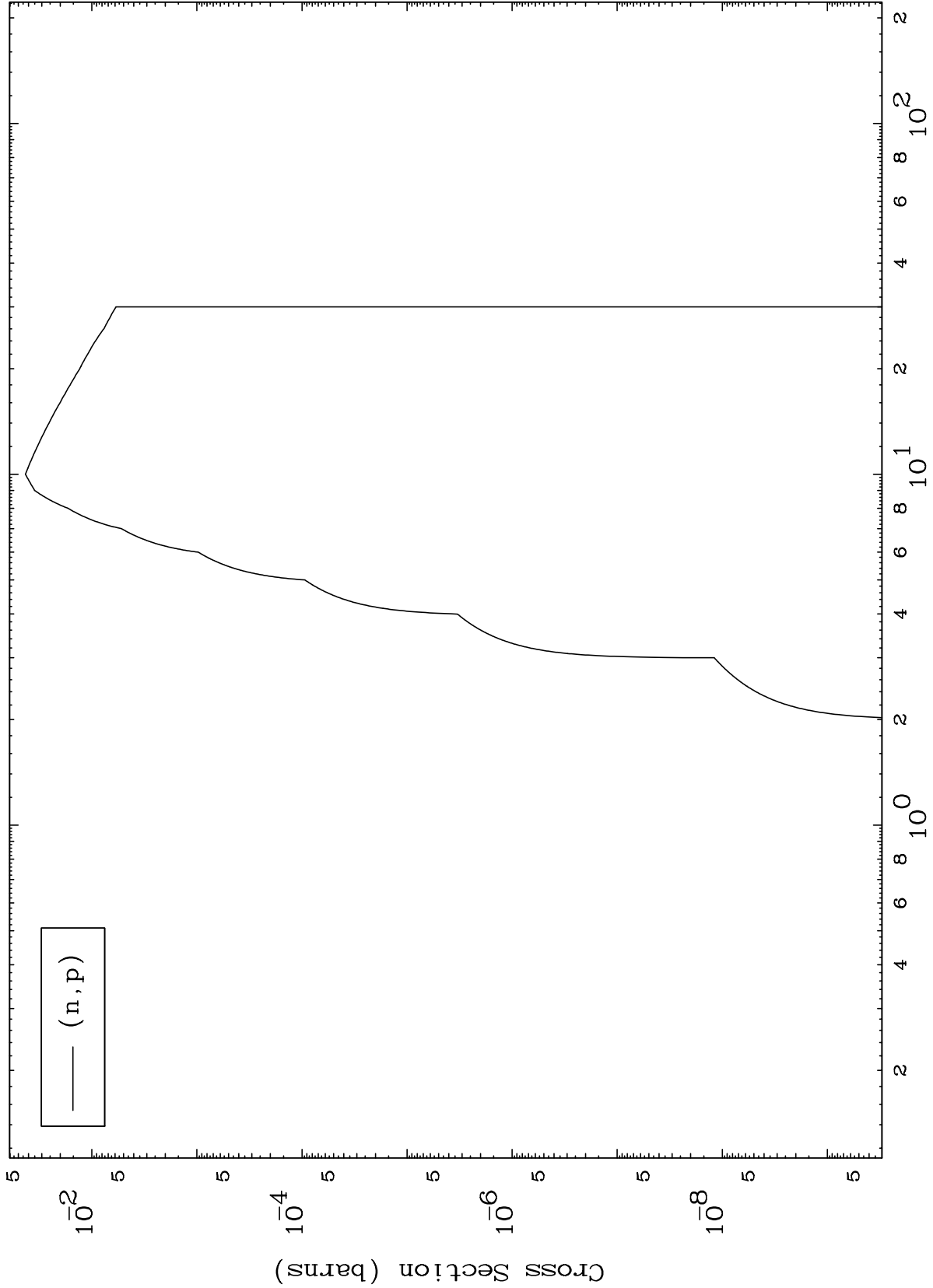


MAT 7239

(d,p) Levels

⁷²Hf-178n

0 Kelvin Cross Sections

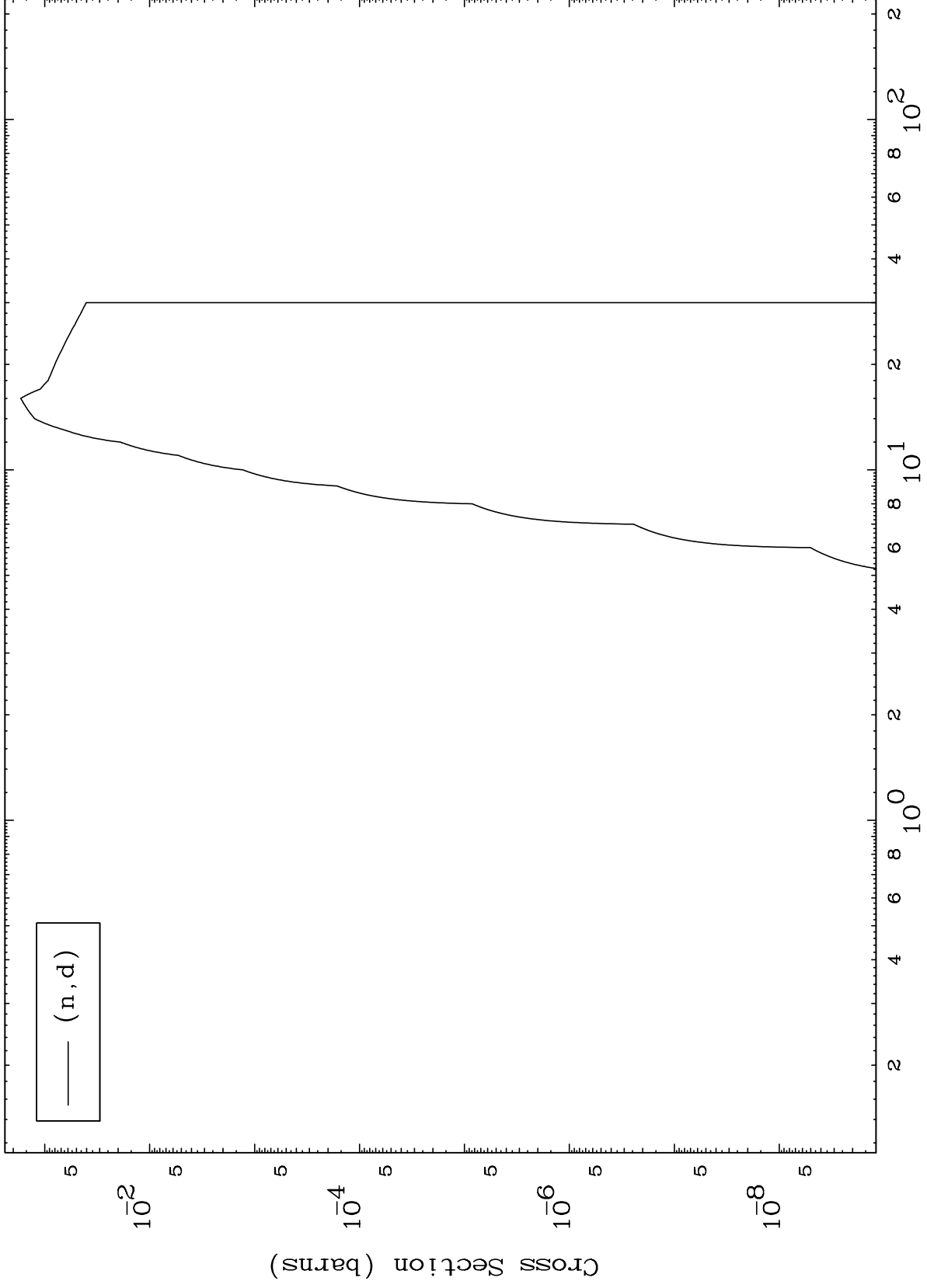


MAT 7239

(d,d) Levels

0 Kelvin Cross Sections

⁷²Hf-178n

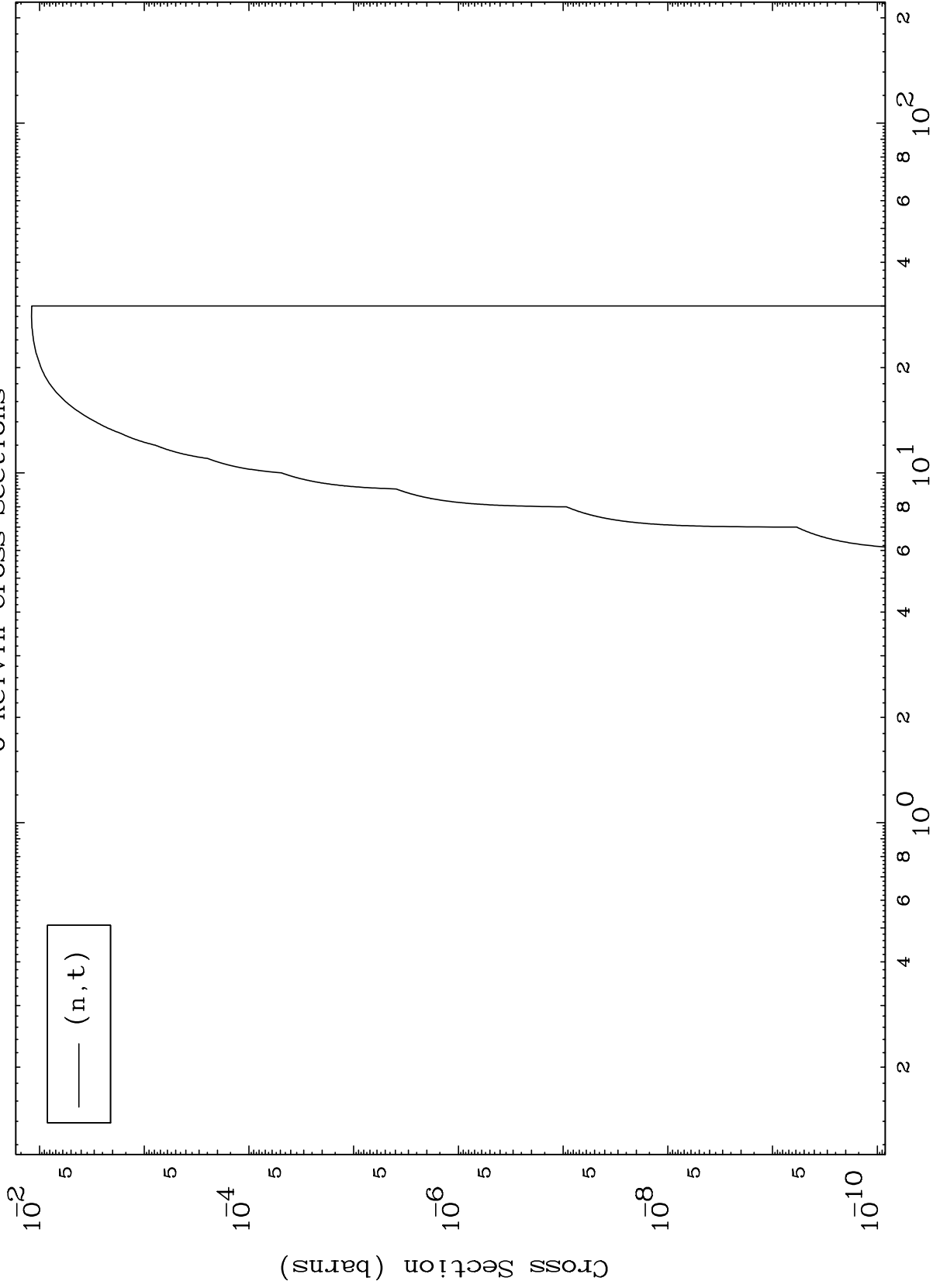


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(d, t) Levels

⁷²Hf-178n

0 Kelvin Cross Sections

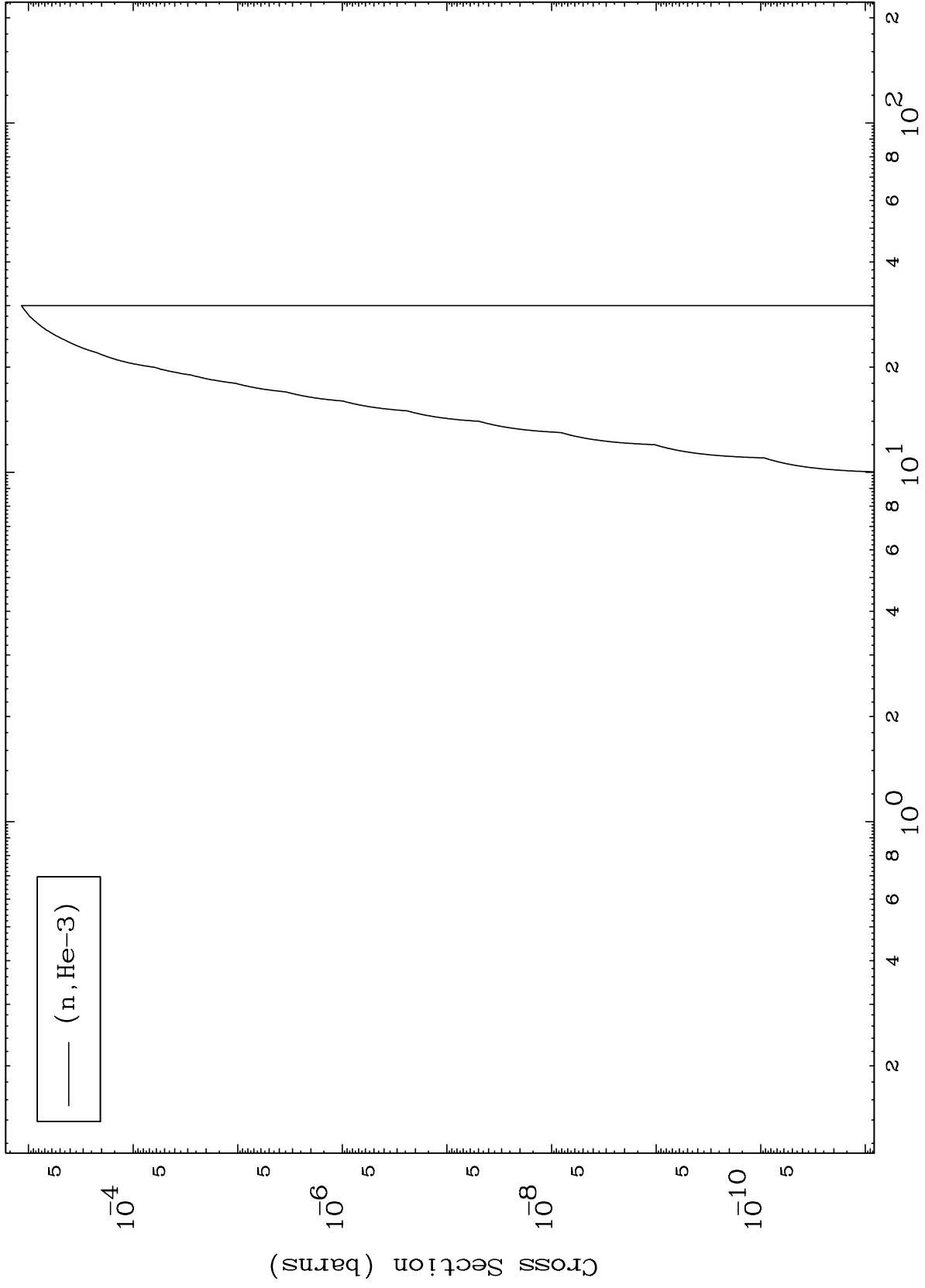


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(d,He3) Levels

72-Hf-178n

0 Kelvin Cross Sections



10

Incident Energy (MeV)

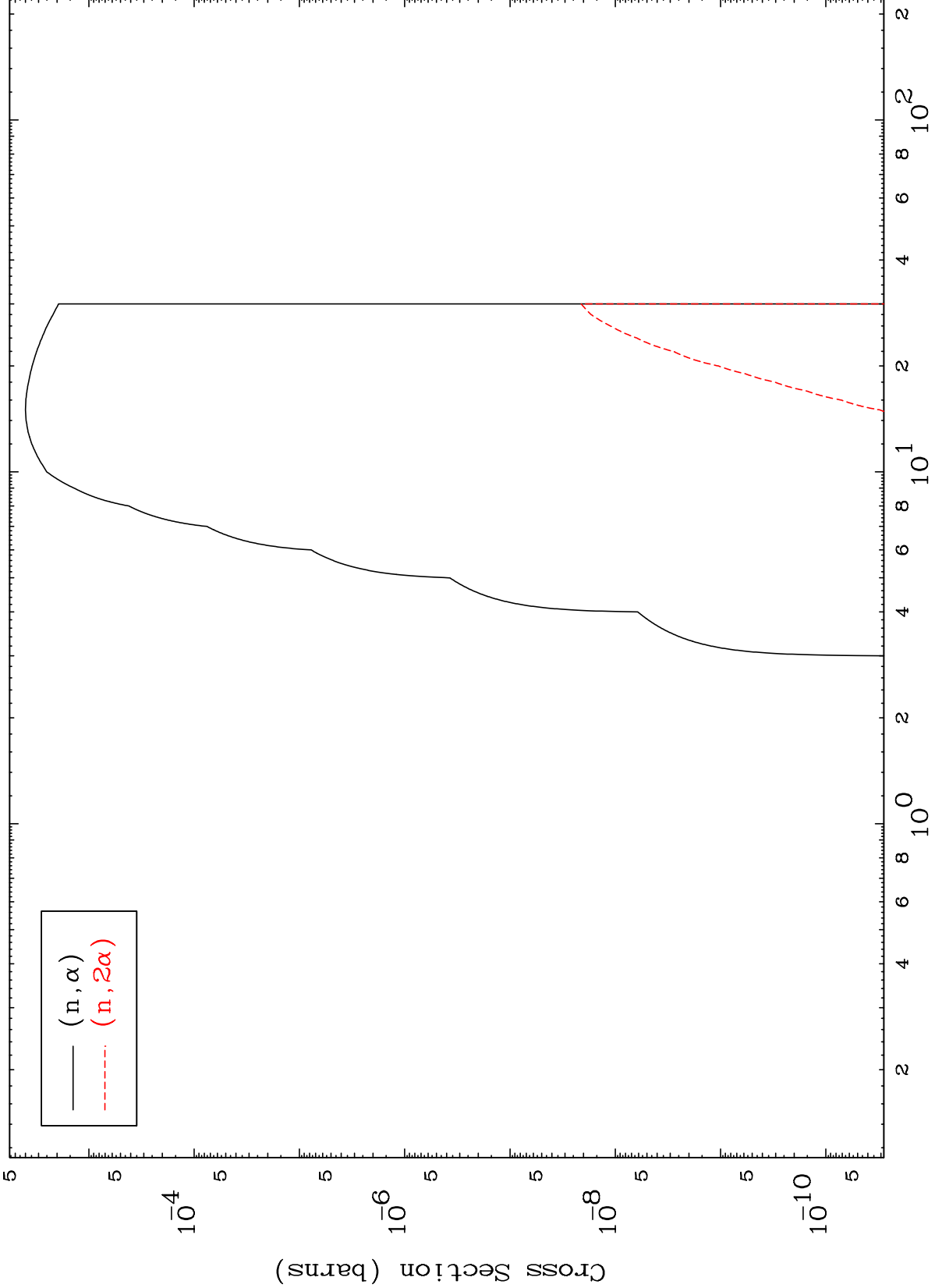
72-Hf-178n

MAT 7239

(d, α) Levels

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

0 Kelvin Cross Sections

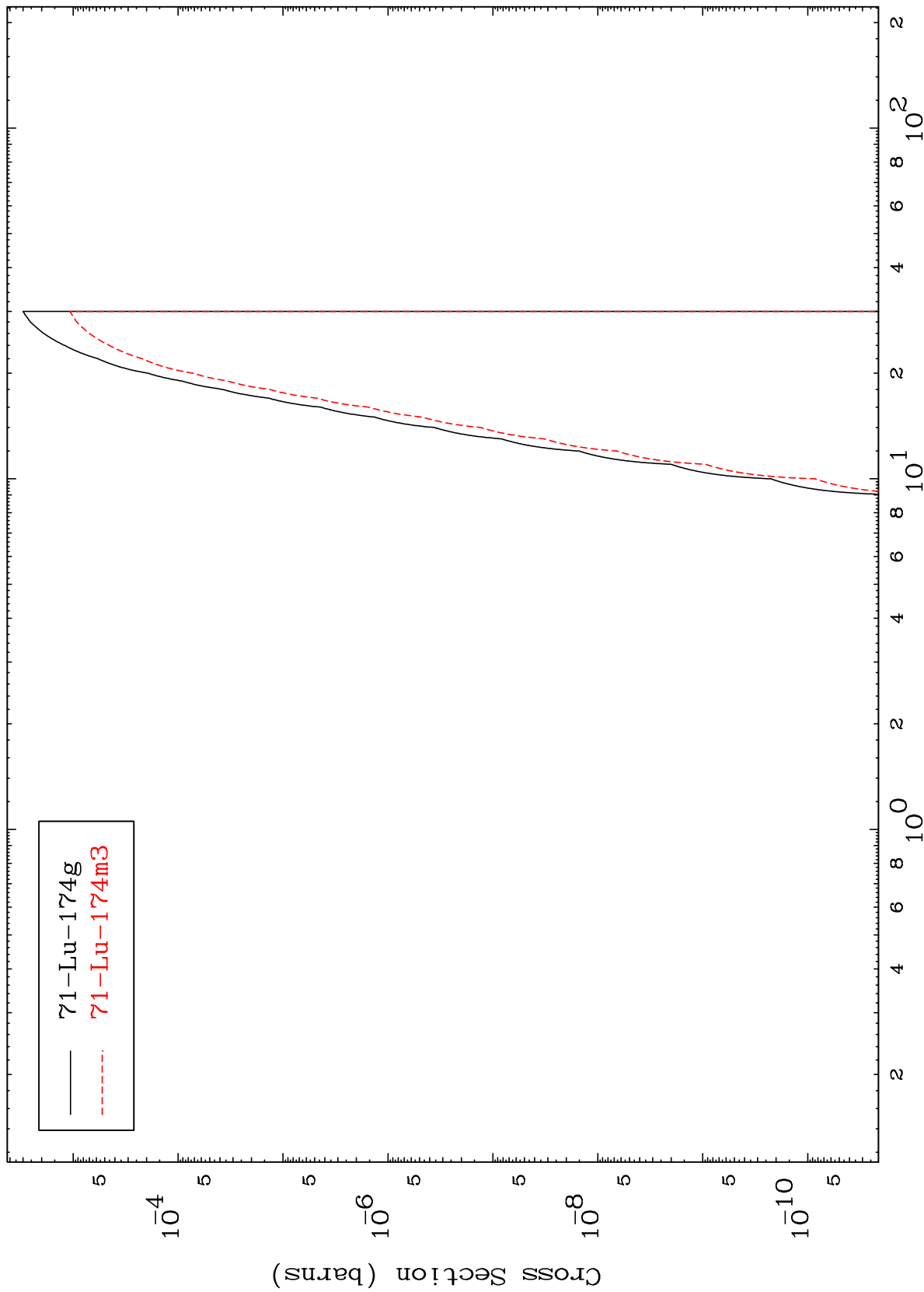


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(n,2n) α

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

Radionuclide Production Cross Section

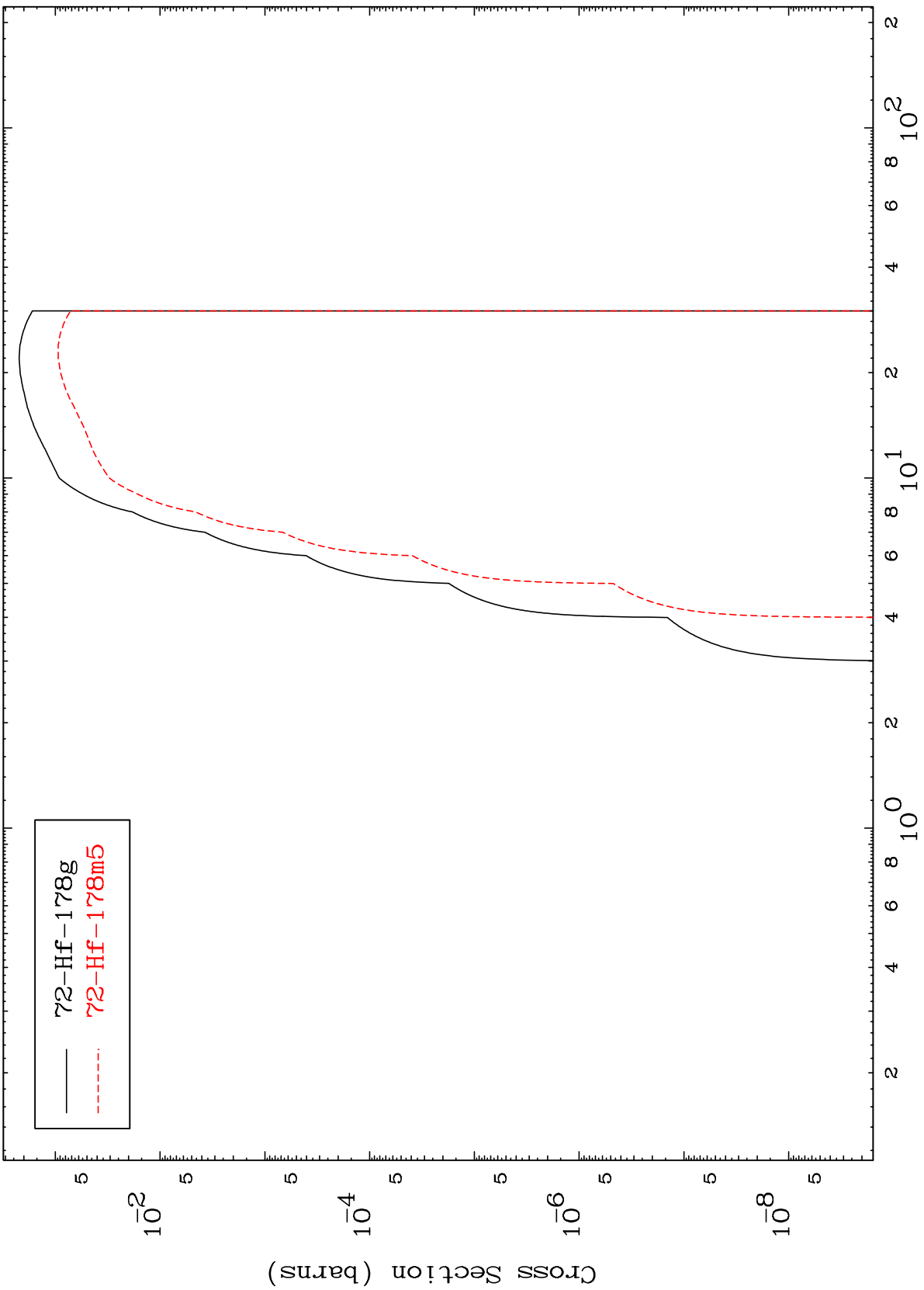


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(n,n') p

⁷²Hf-178n

Radionuclide Production Cross Section

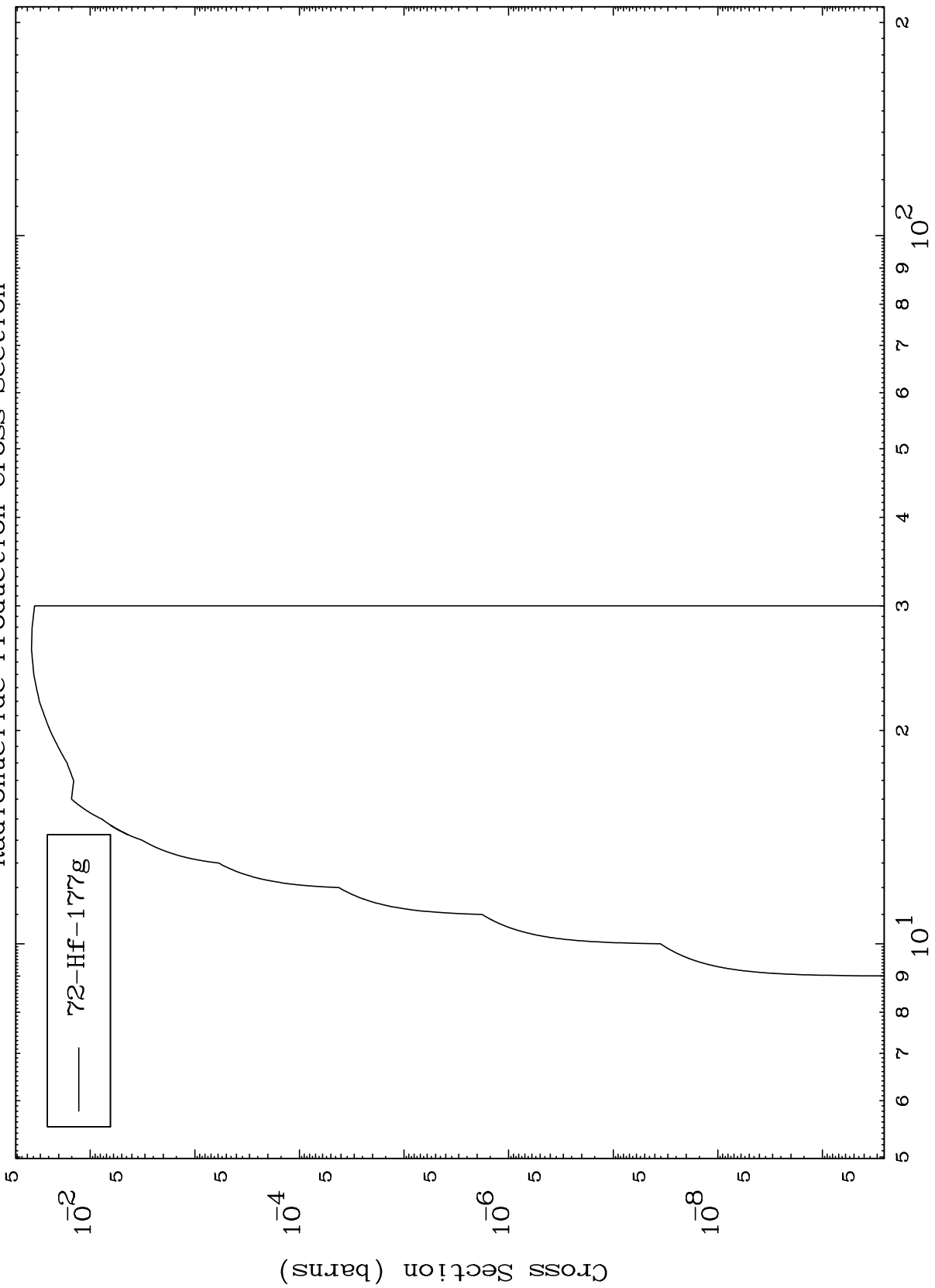


MAT 7239

(n,n') d

⁷²Hf-178n

Radionuclide Production Cross Section



14

Incident Energy (MeV)

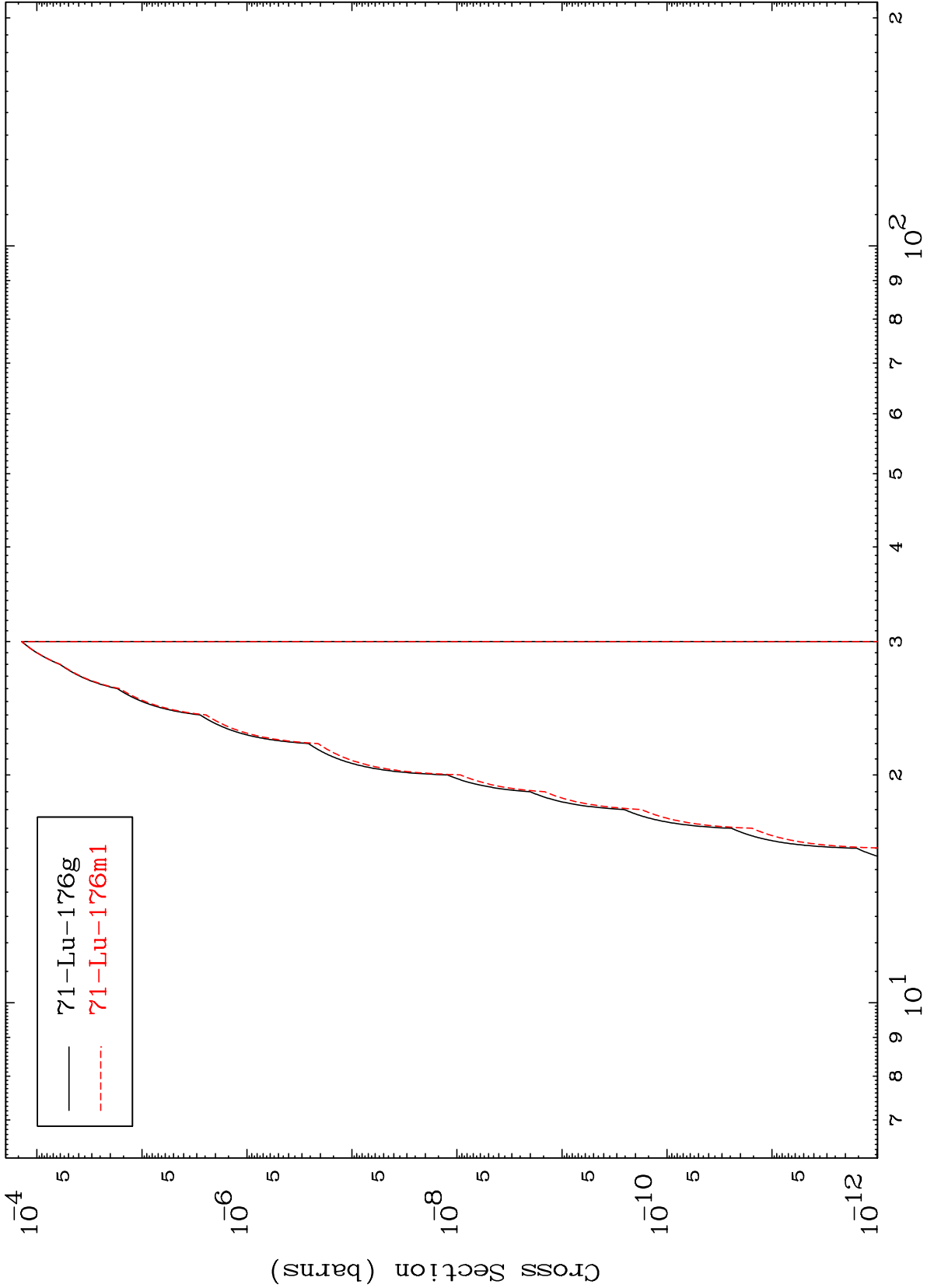
⁷²Hf-178n

MAT 7239

(n,n') He-3

72-Hf-178n

Radionuclide Production Cross Section



Incident Energy (MeV)

72-Hf-178n

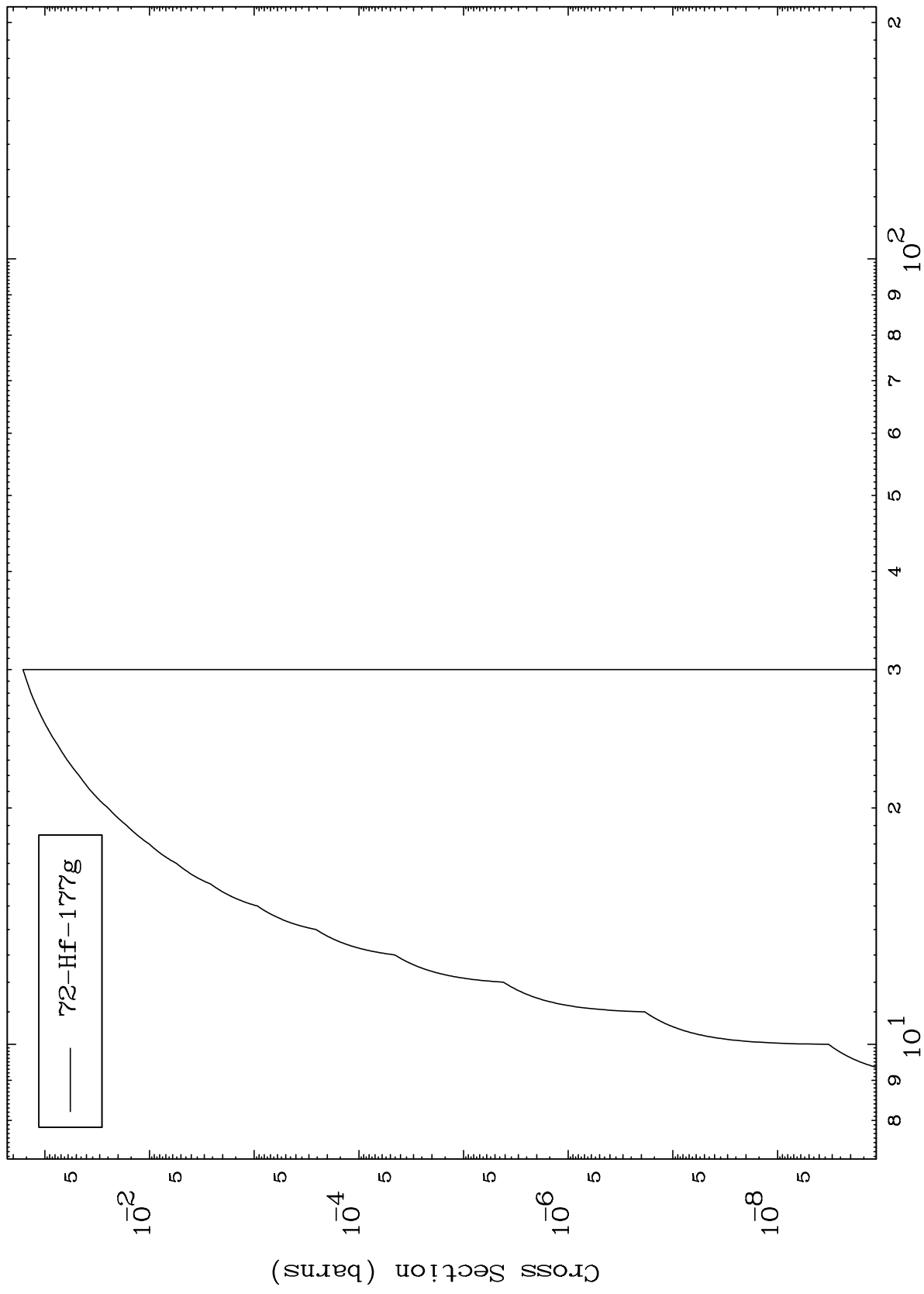
15

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(n,2n) p

⁷²Hf-178n

Radionuclide Production Cross Section



16

Incident Energy (MeV)

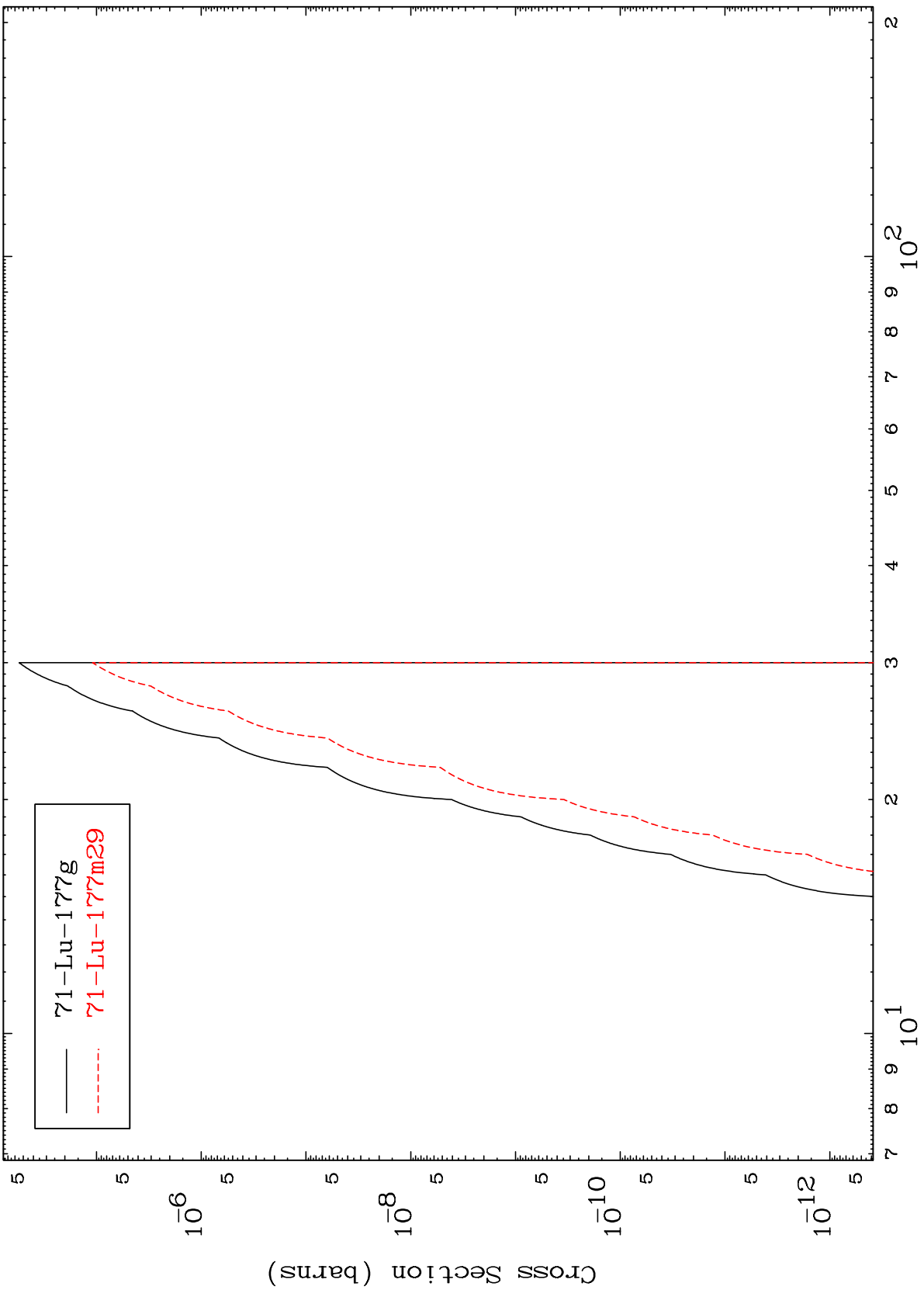
⁷²Hf-178n

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(n,2n) p

⁷²Hf-178n

Radionuclide Production Cross Section



Incident Energy (MeV)

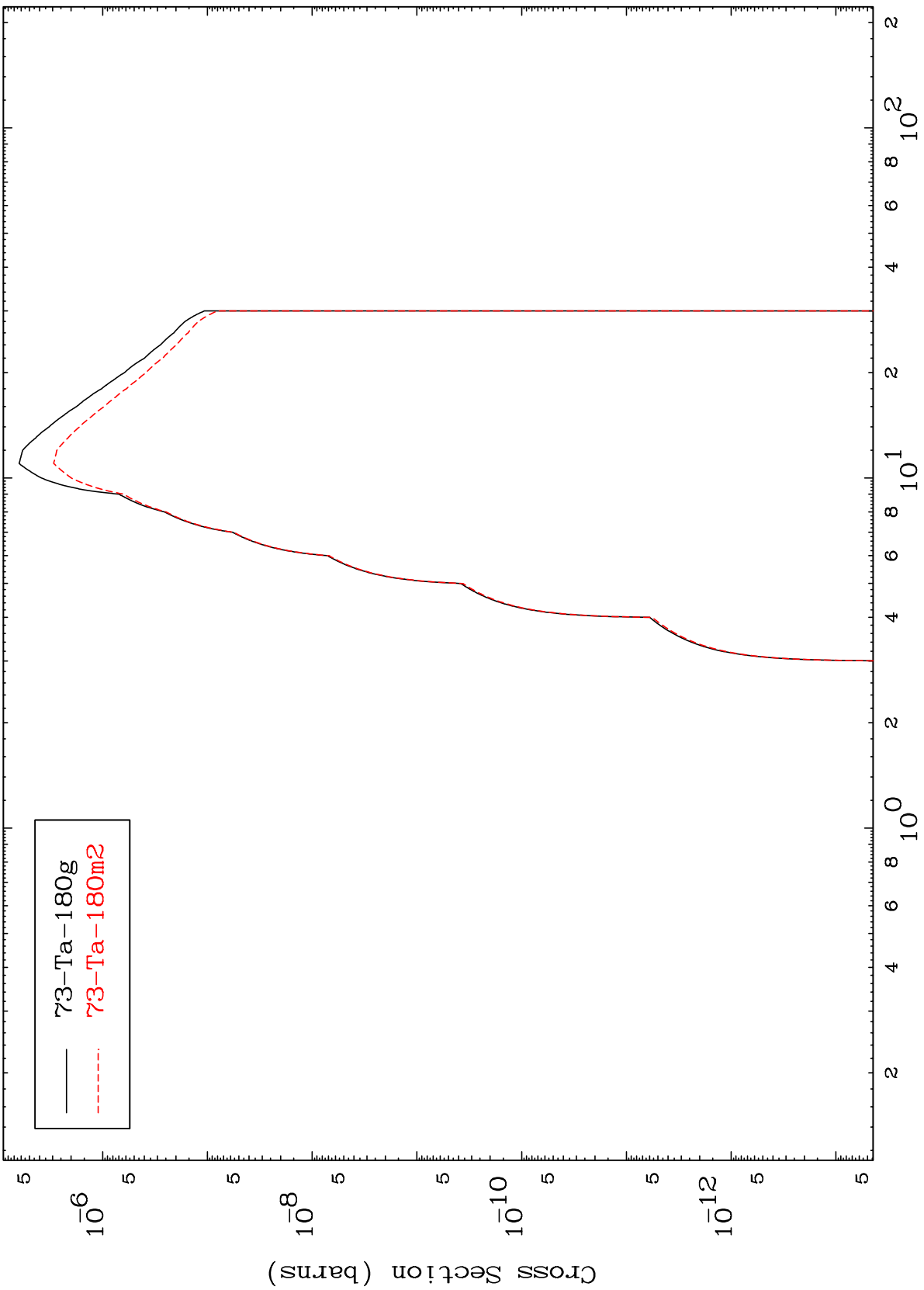
⁷²Hf-178n

17

MAT 7239

⁷²Hf-178n

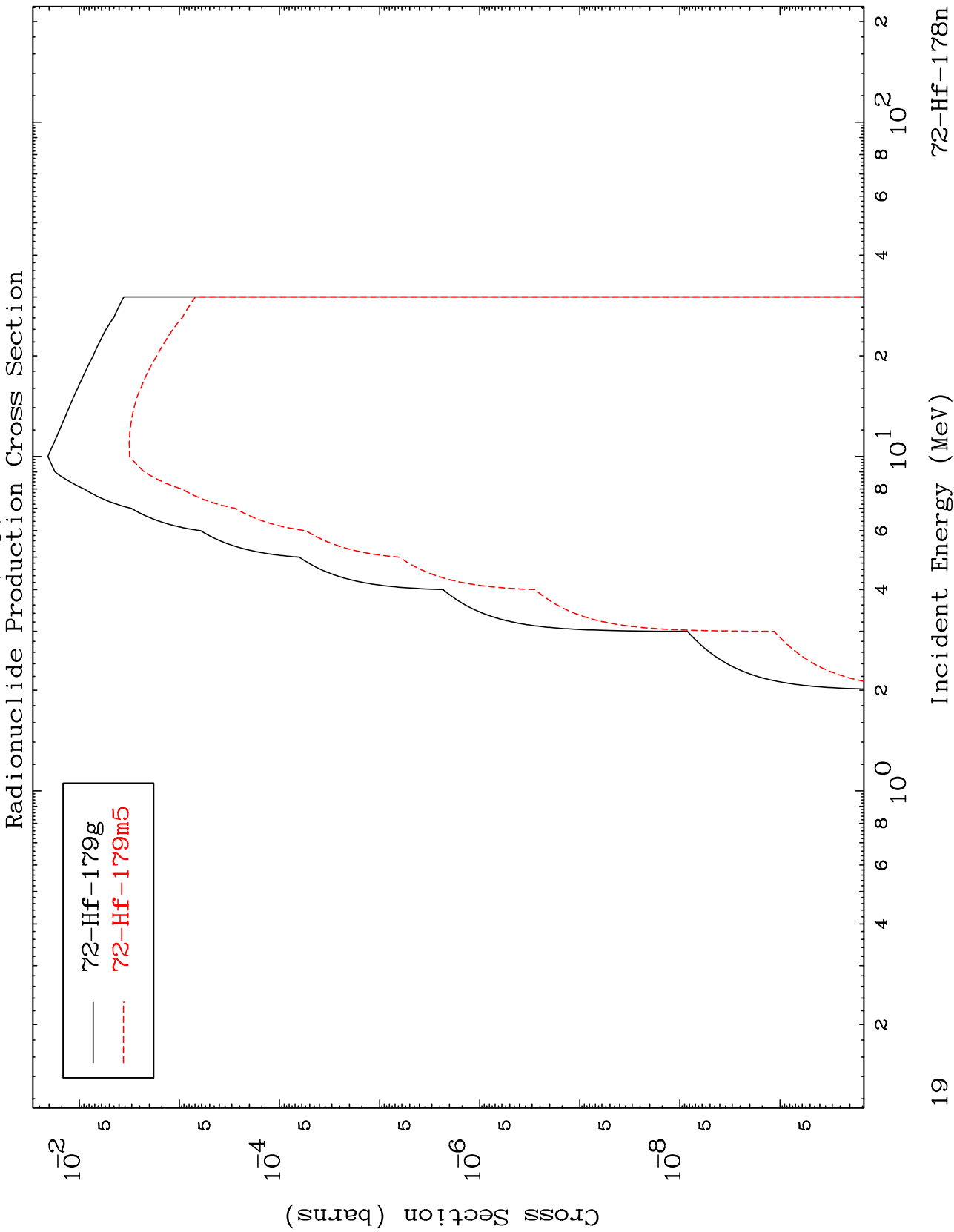
Radionuclide Production Cross Section (n,γ)



— ⁷³Ta-180g
- - - ⁷³Ta-180m2

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⁷²Hf-178n



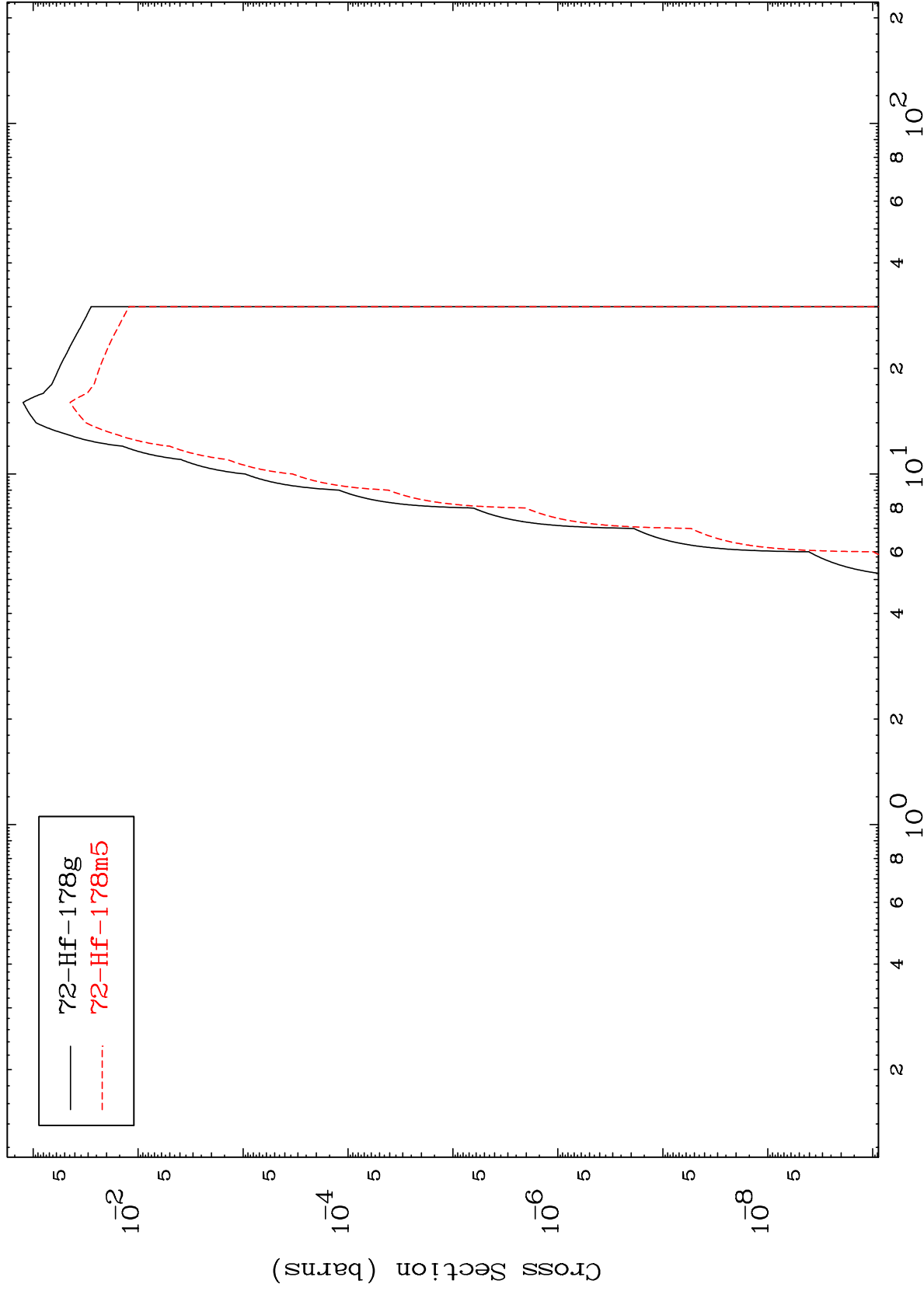
— ⁷²Hf-179g
- - - ⁷²Hf-179m5

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(n,d)

⁷²Hf-178n

Radionuclide Production Cross Section



20

Incident Energy (MeV)

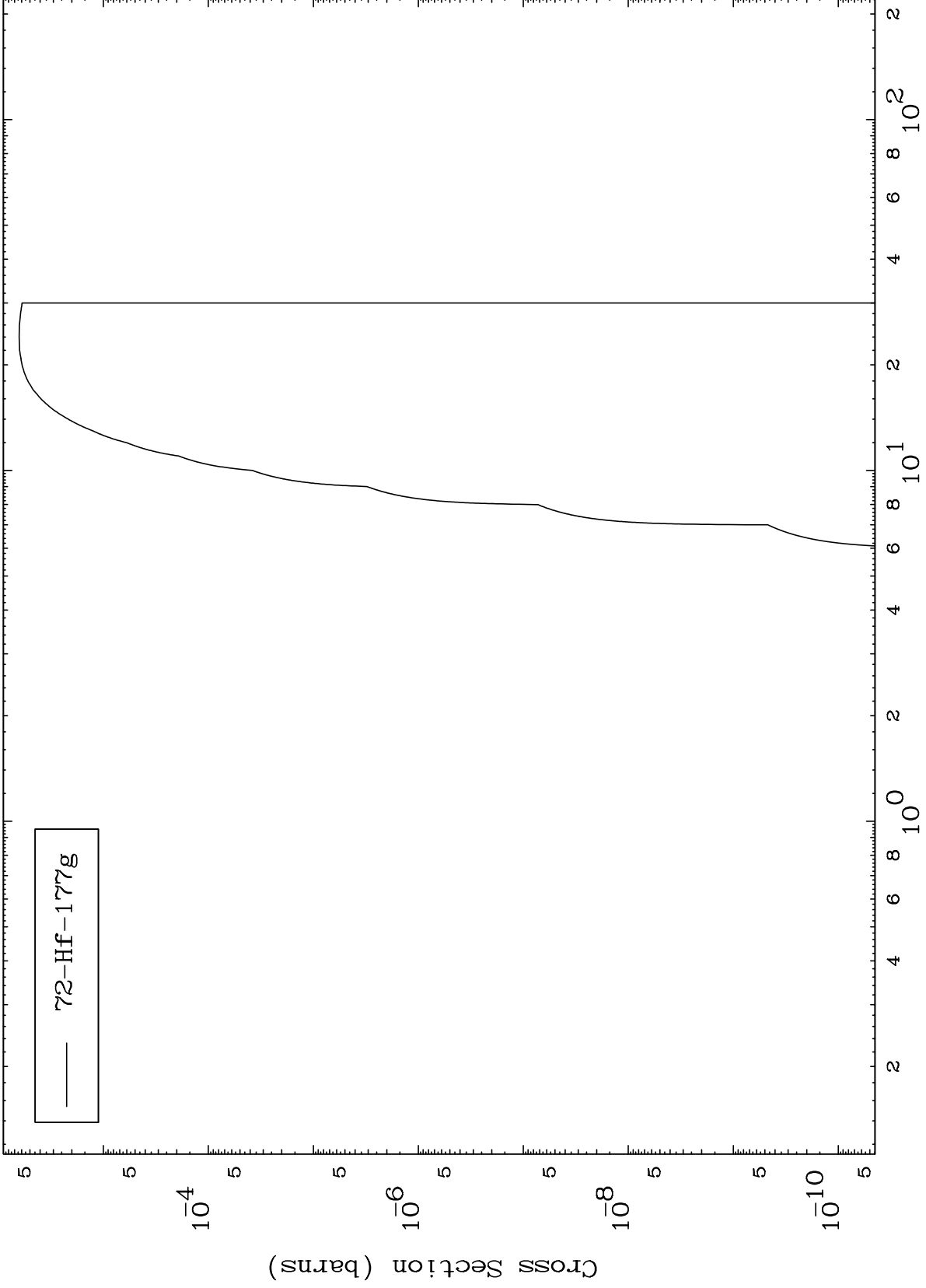
⁷²Hf-178n

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(n, t)

⁷²Hf-178n

Radionuclide Production Cross Section

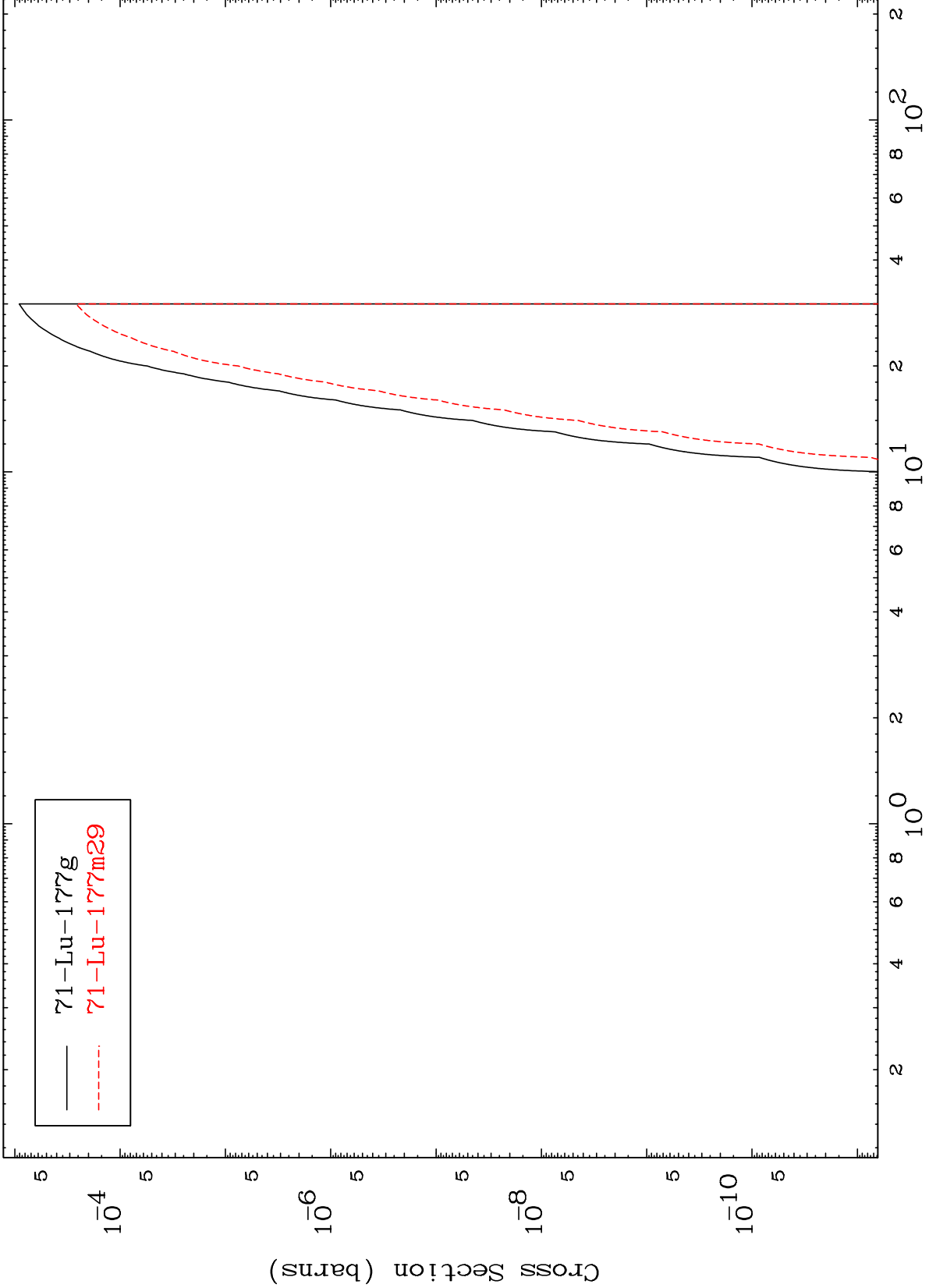


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(n,He-3)

⁷²Hf-178n

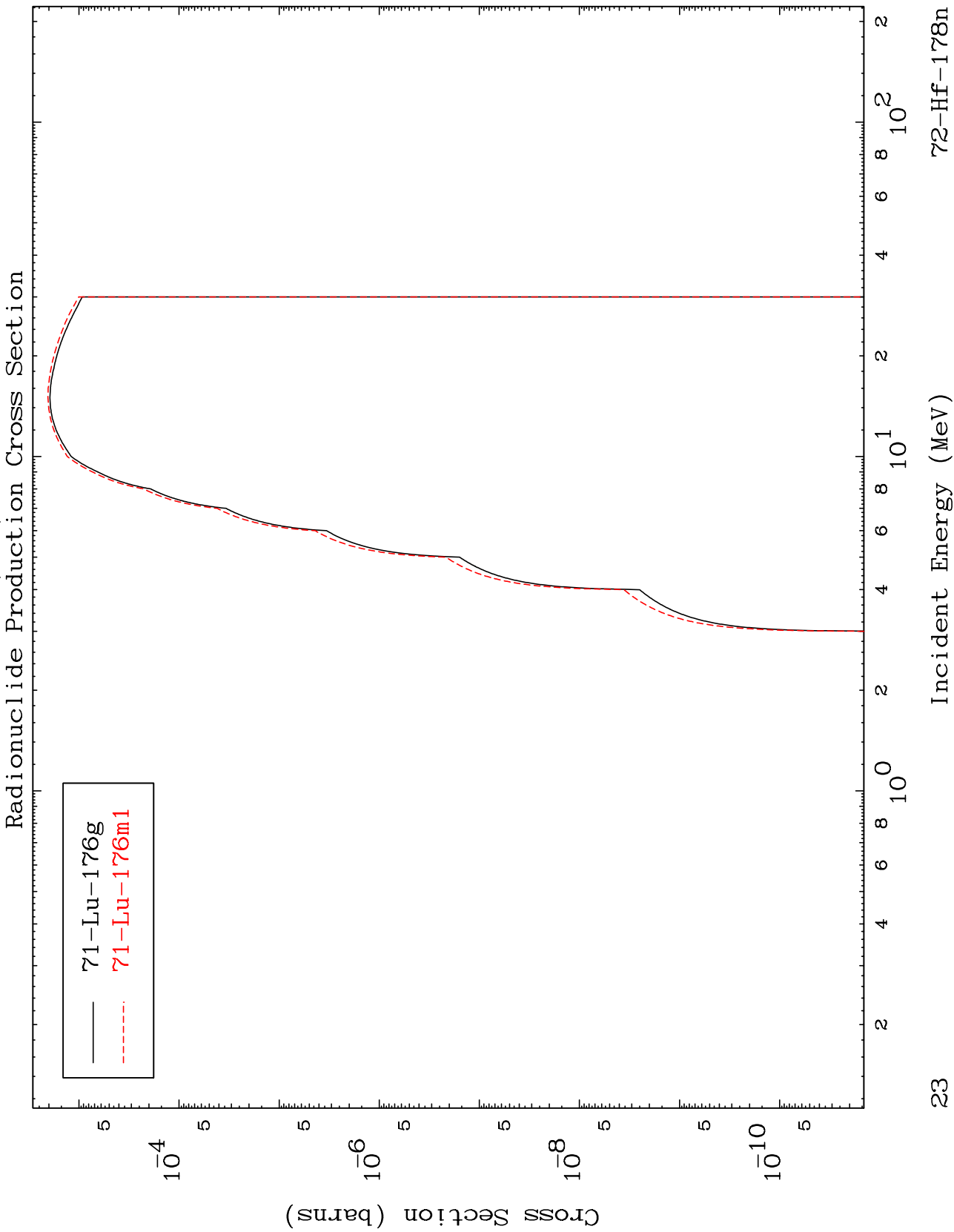
Radionuclide Production Cross Section



— ⁷¹Lu-177g
- - - ⁷¹Lu-177m29

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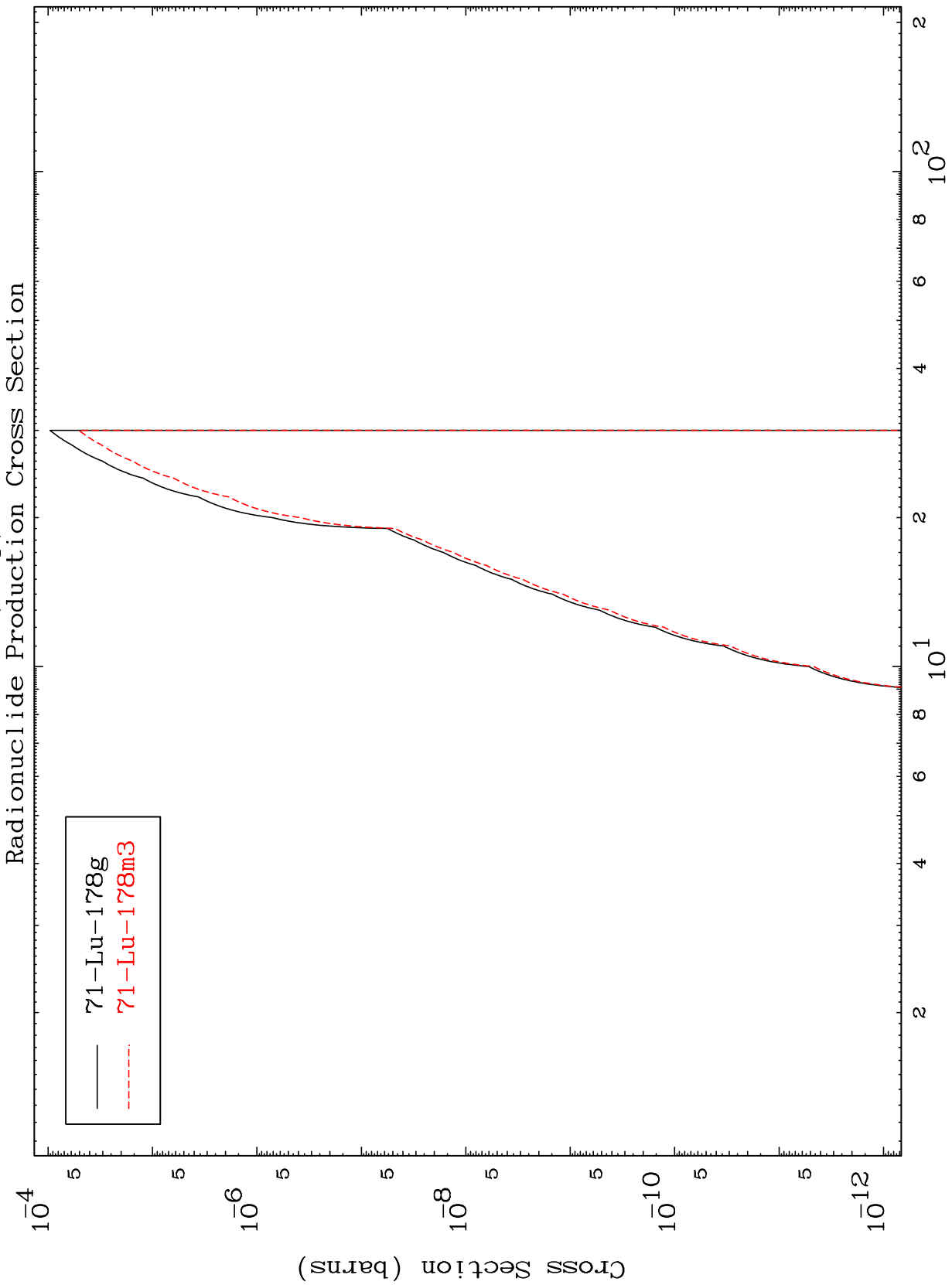
⁷²Hf-178n



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⁷²Hf-178n

(n,2p)
Radionuclide Production Cross Section



— 71-Lu-178g
- - - 71-Lu-178m3

⁷²Hf-178n

Incident Energy (MeV)

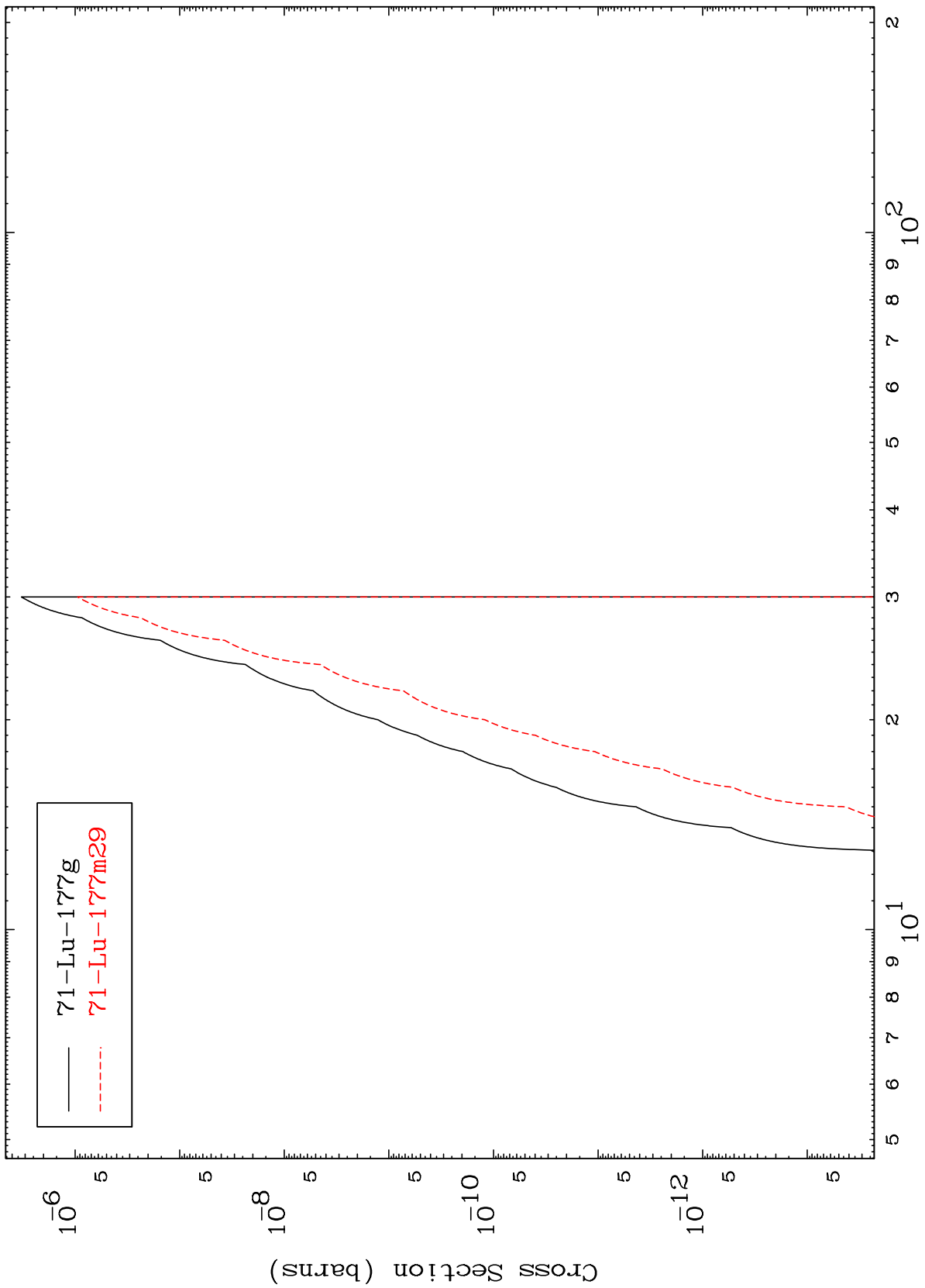
24

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(n,p) d

⁷²Hf-178n

Radionuclide Production Cross Section



25

Incident Energy (MeV)

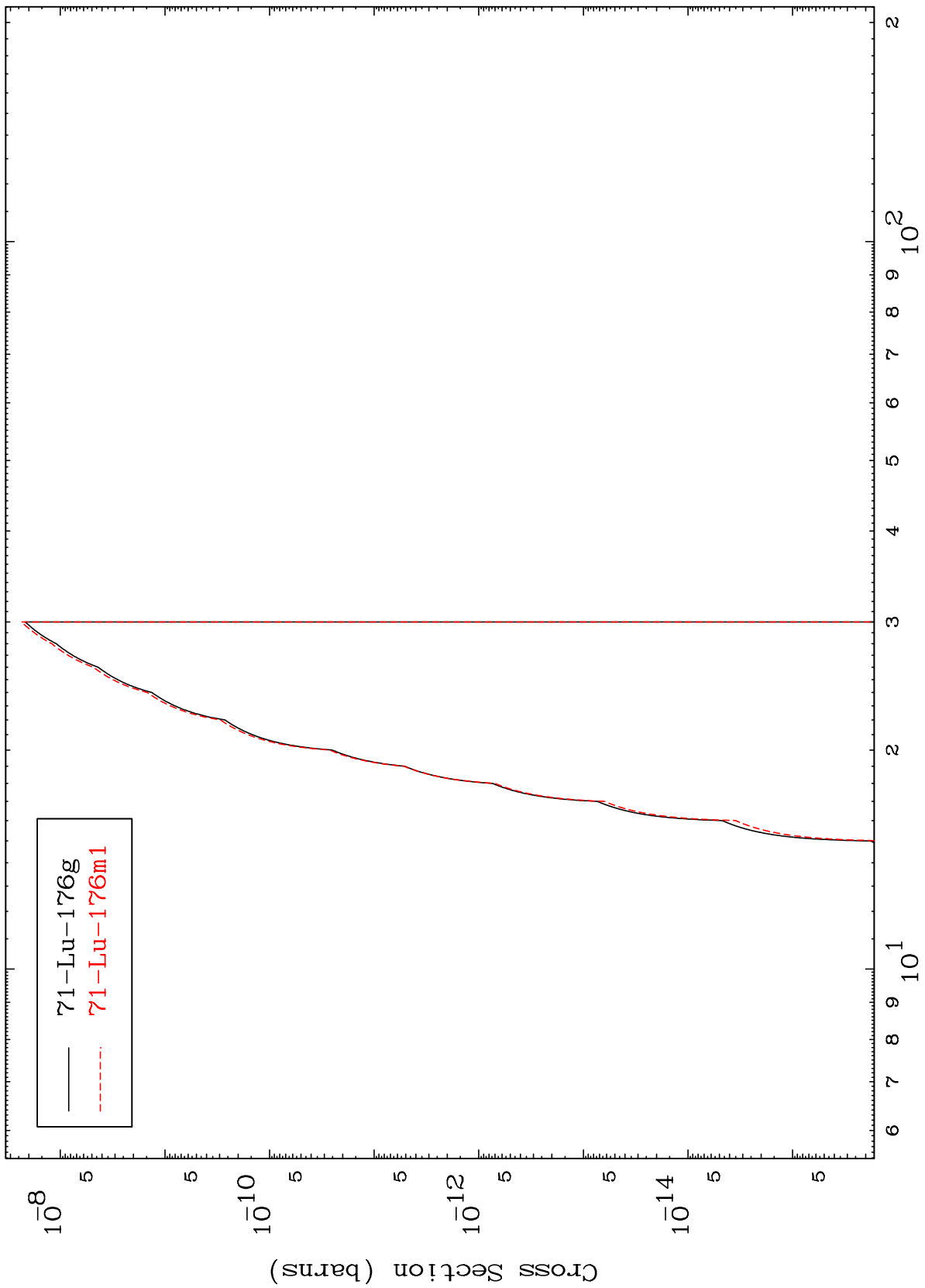
⁷²Hf-178n

MAT 7239

(n,p) t

⁷²Hf-178n

Radionuclide Production Cross Section



26

Incident Energy (MeV)

⁷²Hf-178n