

Program EVALPLOT
(Version 2021-1)

by

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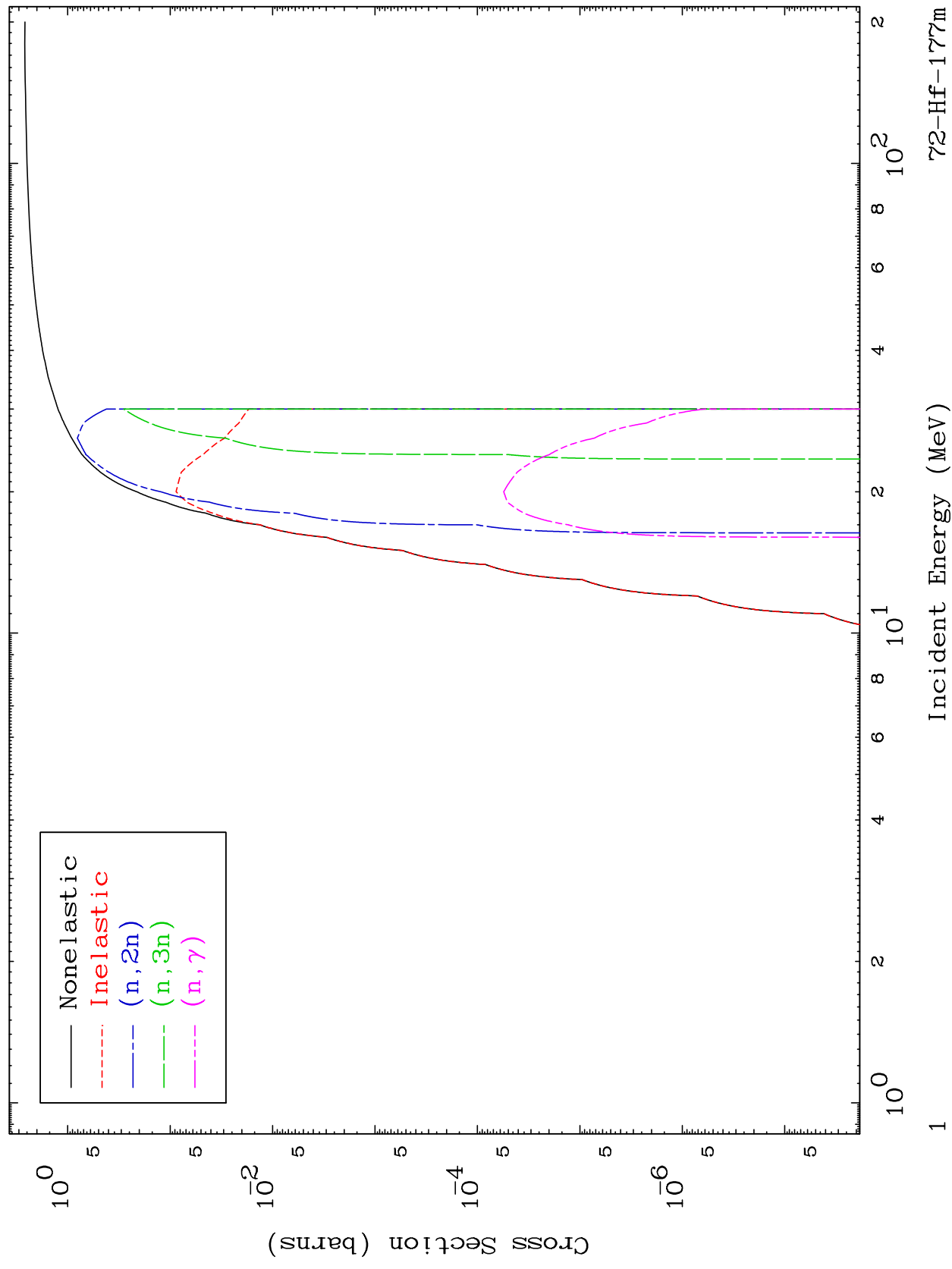
Press Mouse Button to Start

MAT 7235

0 Kelvin

Major Cross Sections

⁷²Hf-177m



⁷²Hf-177m

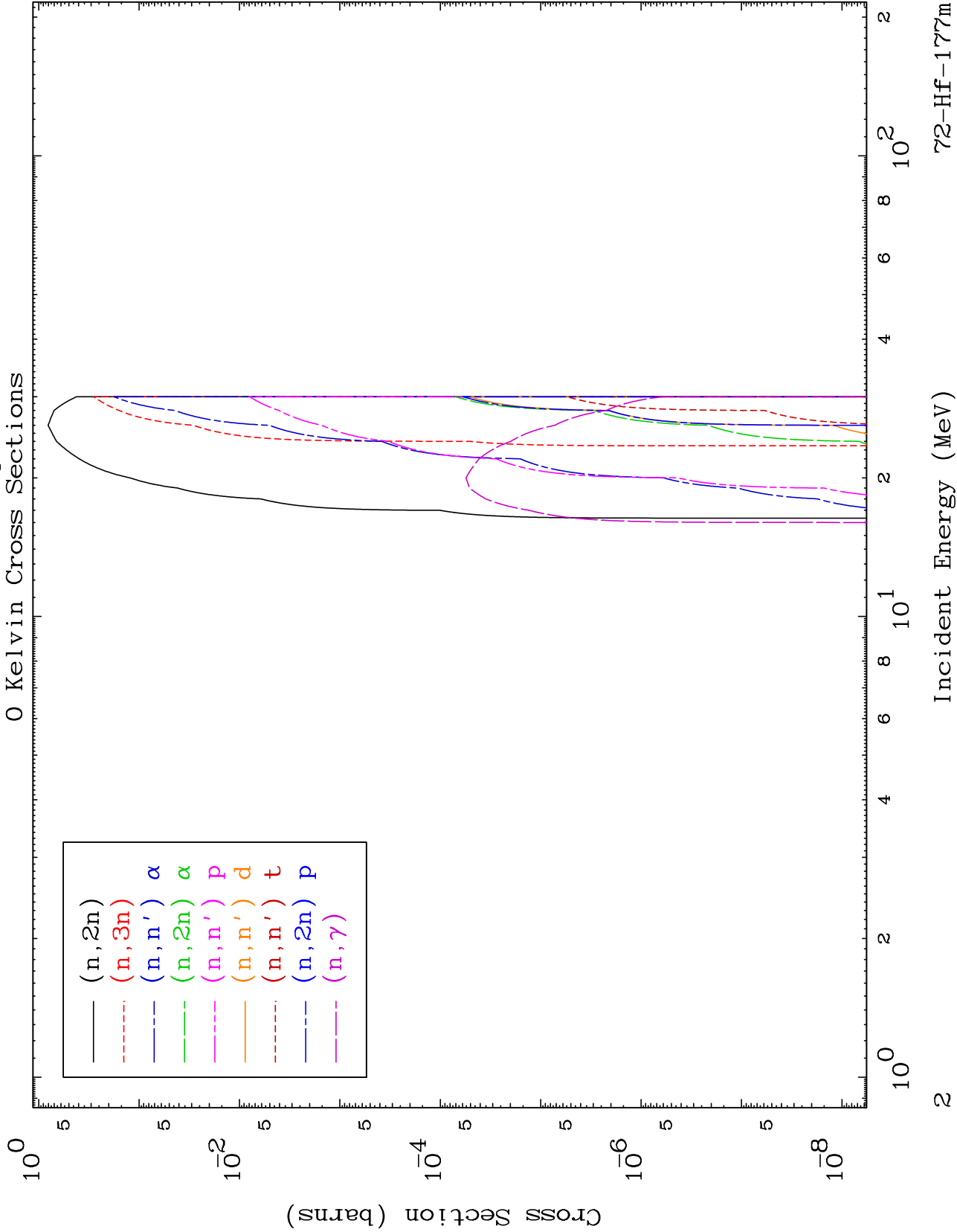
Incident Energy (MeV)

1

MAT 7235

α Neutron Absorption
0 Kelvin Cross Sections

72-Hf-177m



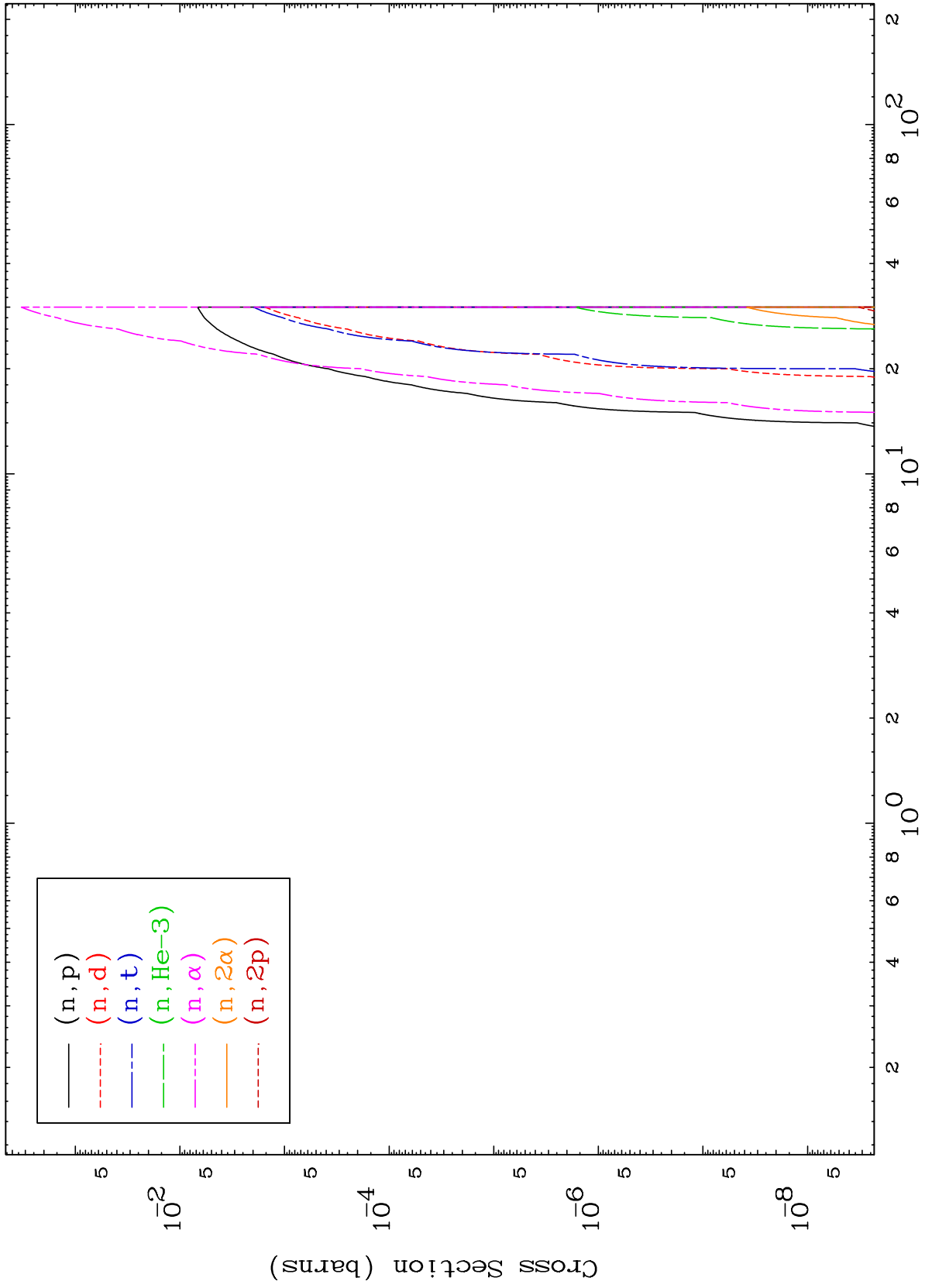
Incident Energy (MeV)

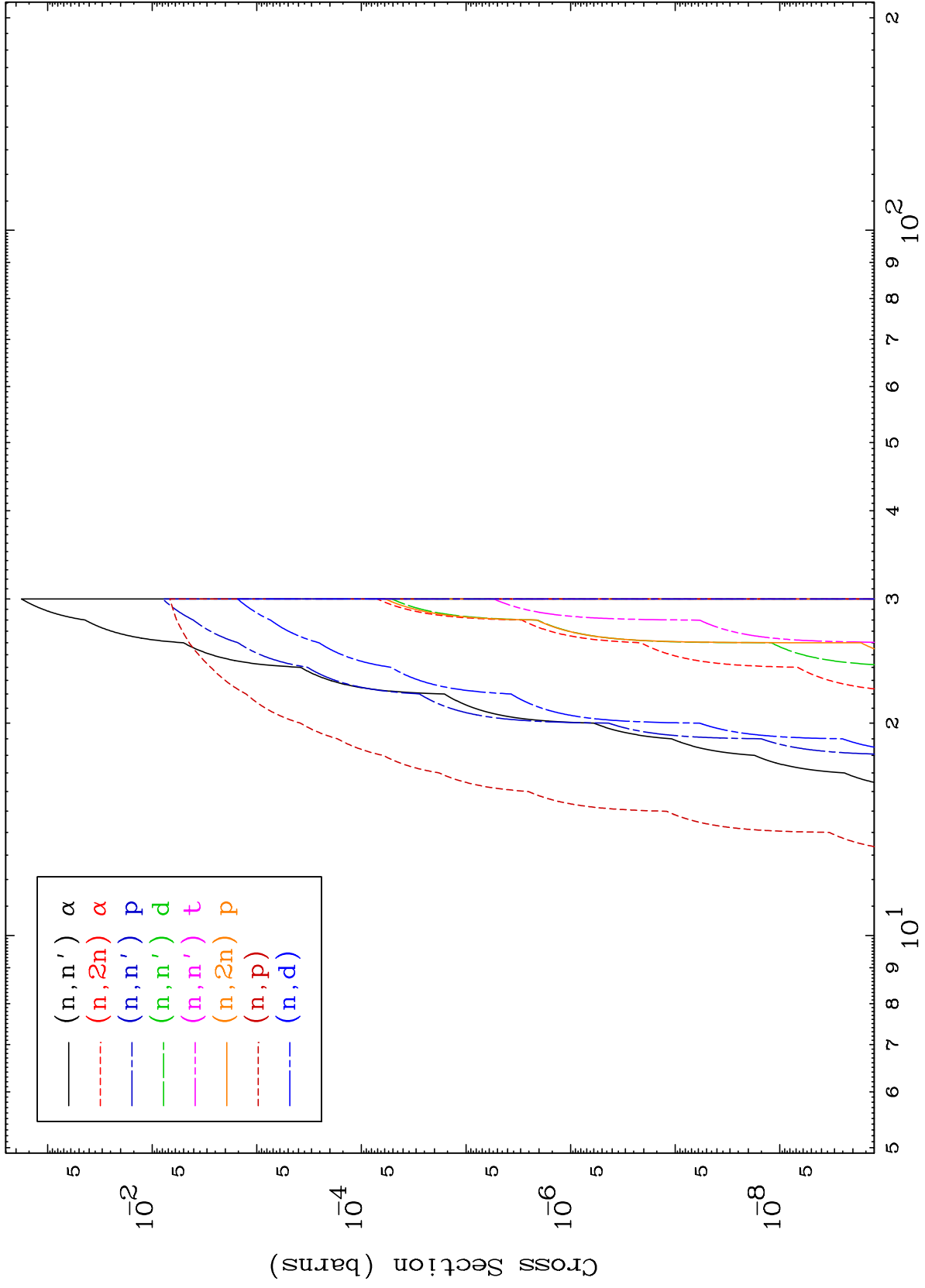
72-Hf-177m

MAT 7235

α Neutron Absorption
0 Kelvin Cross Sections

⁷²Hf-177m

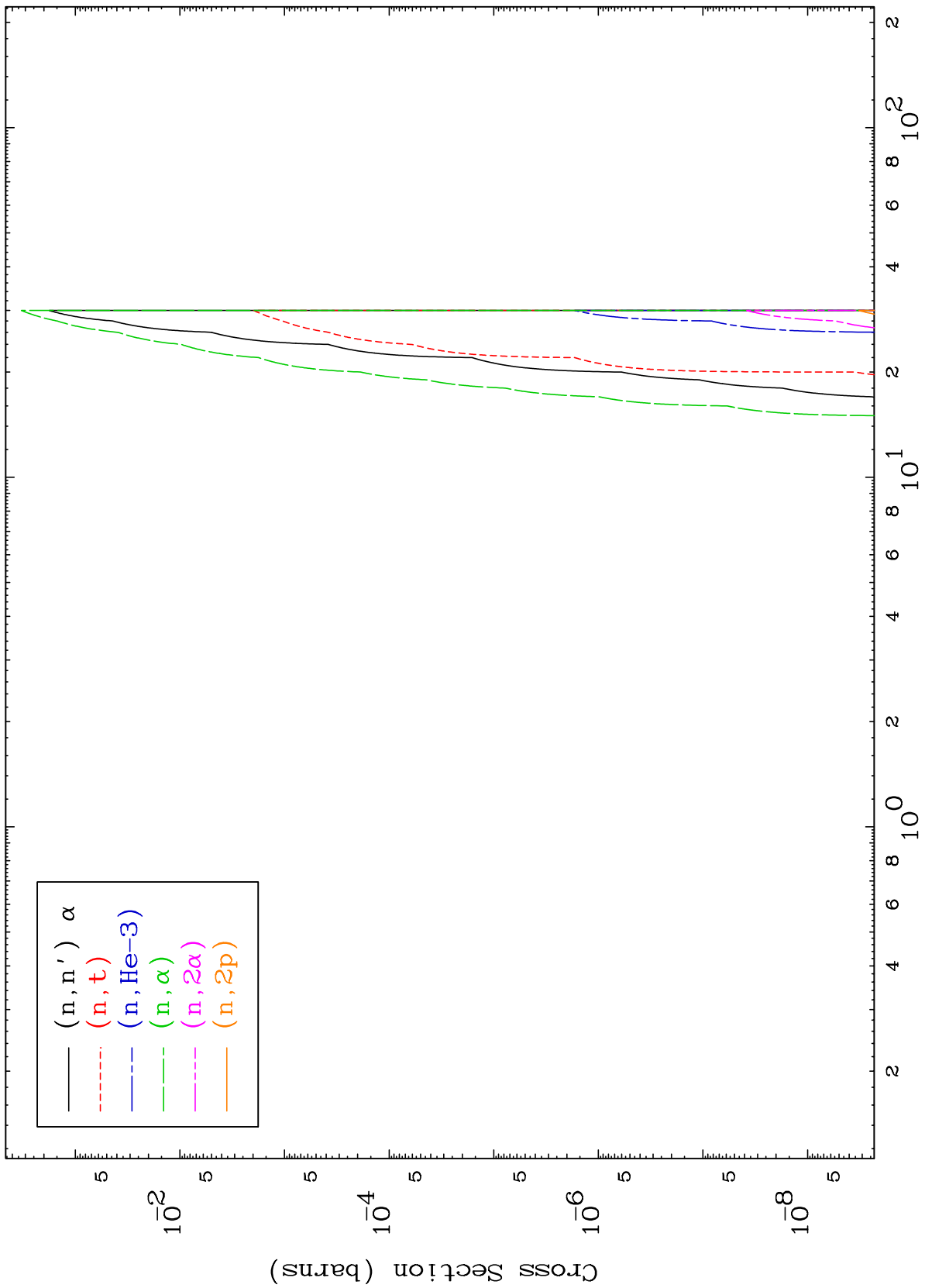




MAT 7235

α Charged Particle
0 Kelvin Cross Sections

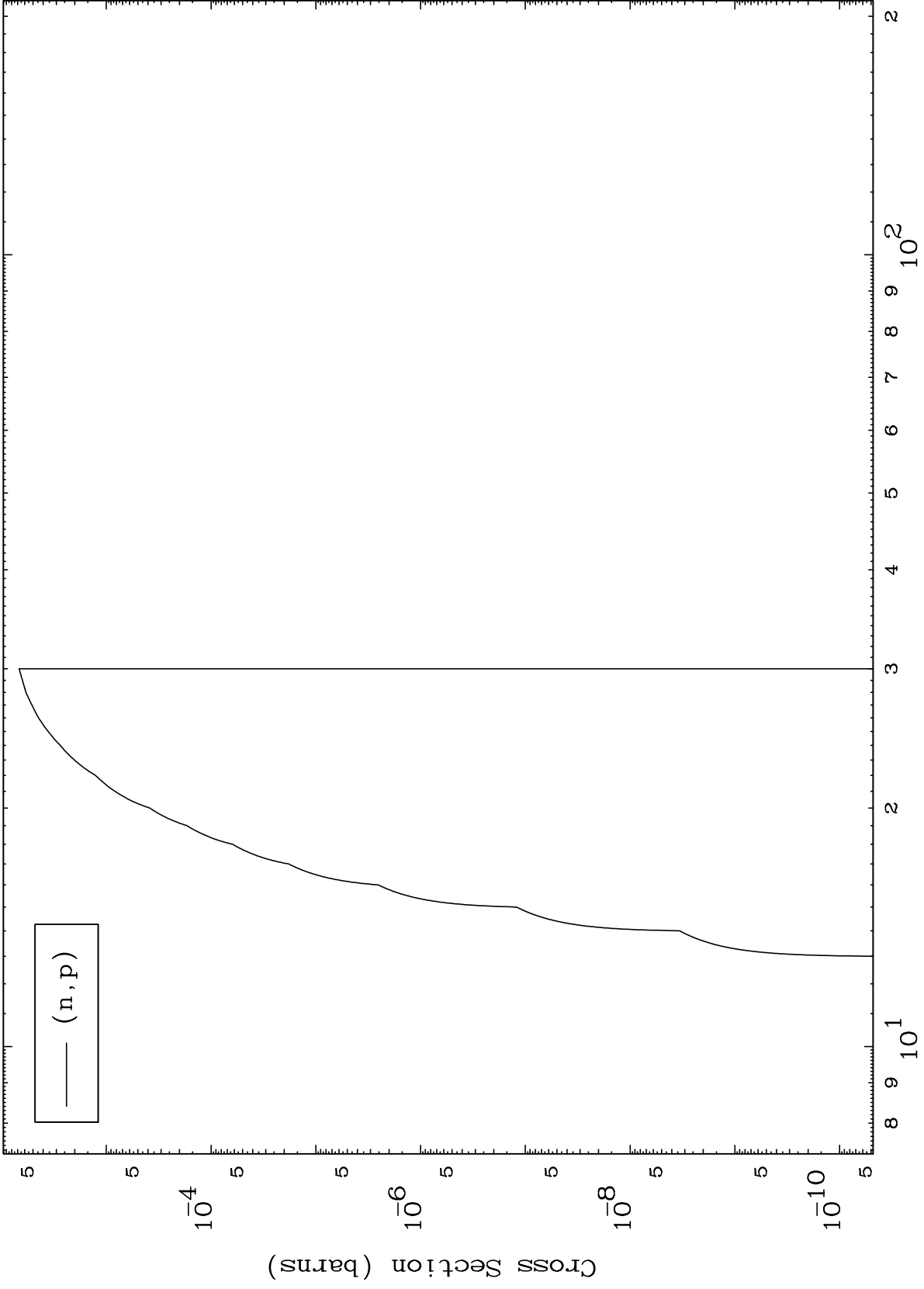
⁷²Hf-177m



MAT 7235

(α, p) Levels
0 Kelvin Cross Sections

72-Hf-177m



6

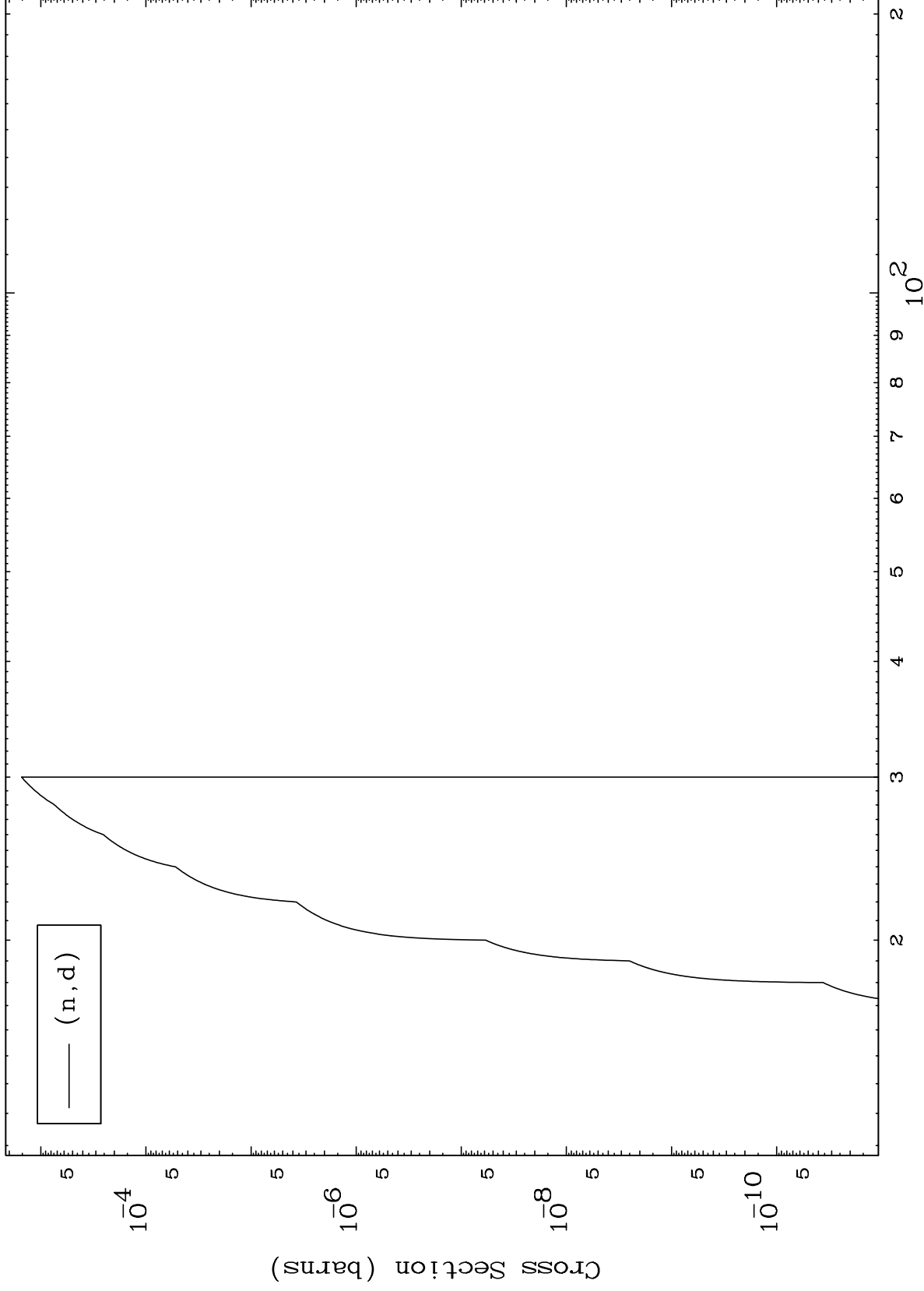
Incident Energy (MeV)

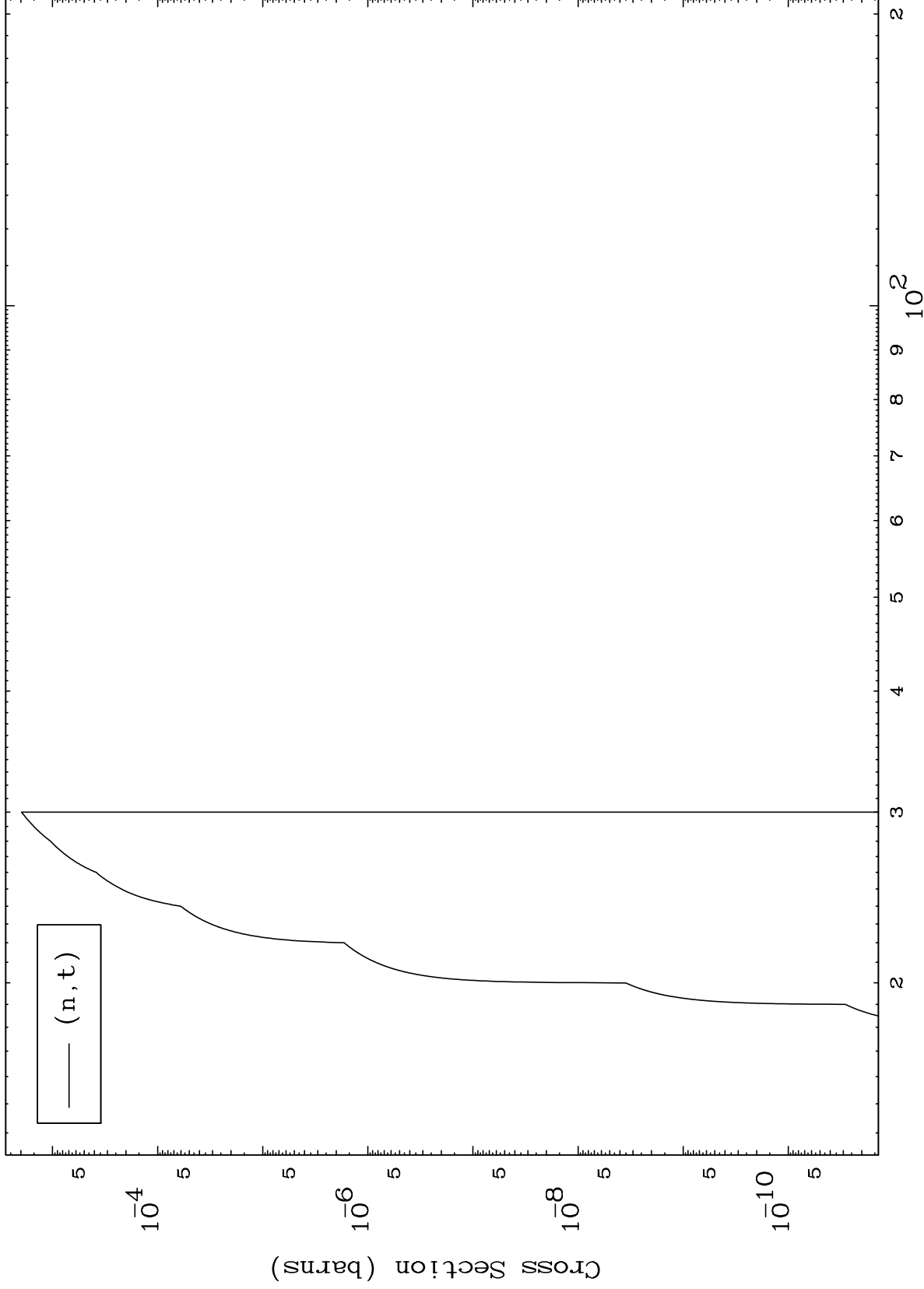
72-Hf-177m

MAT 7235

(α, d) Levels
0 Kelvin Cross Sections

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

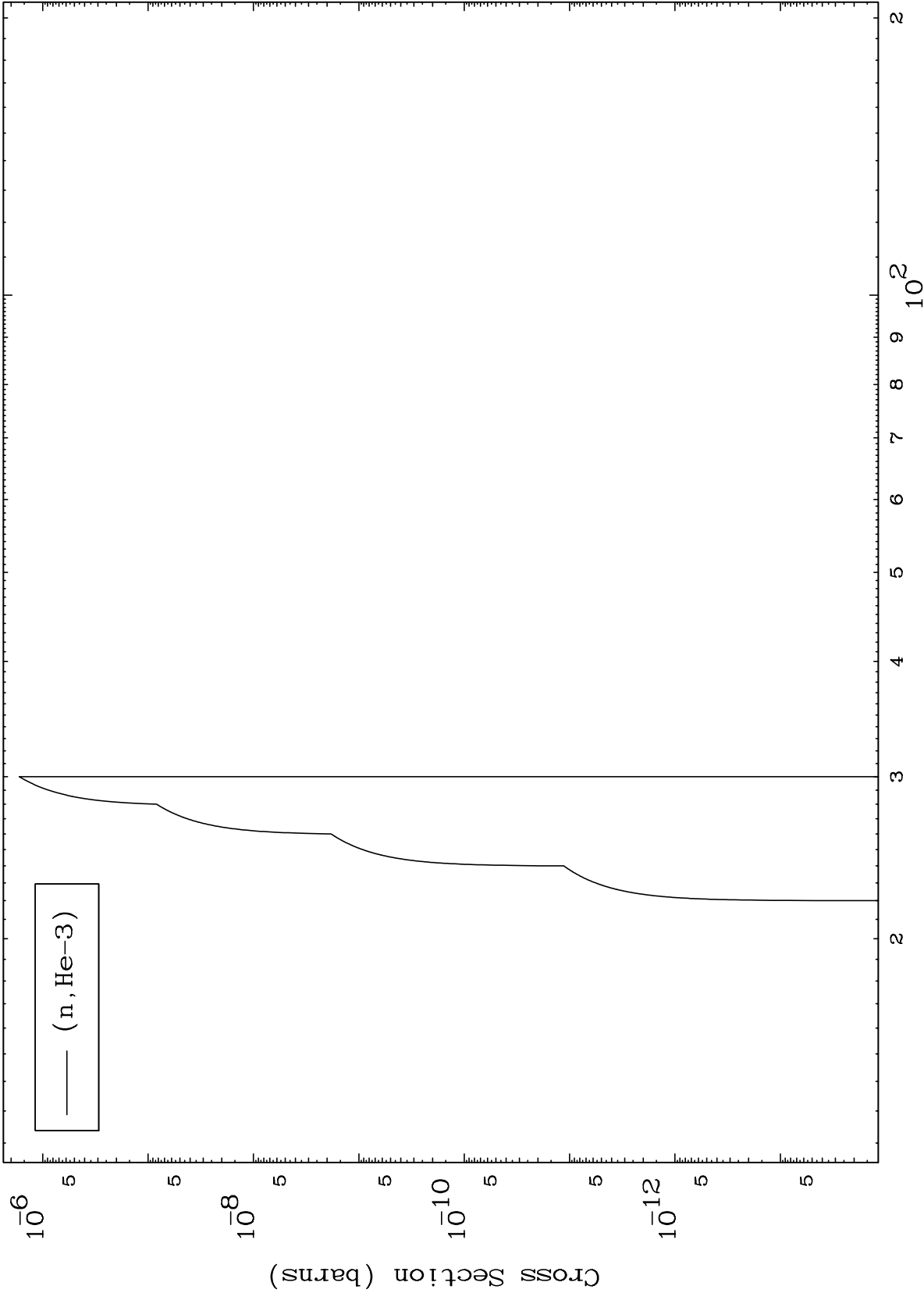




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($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

72-Hf-177m

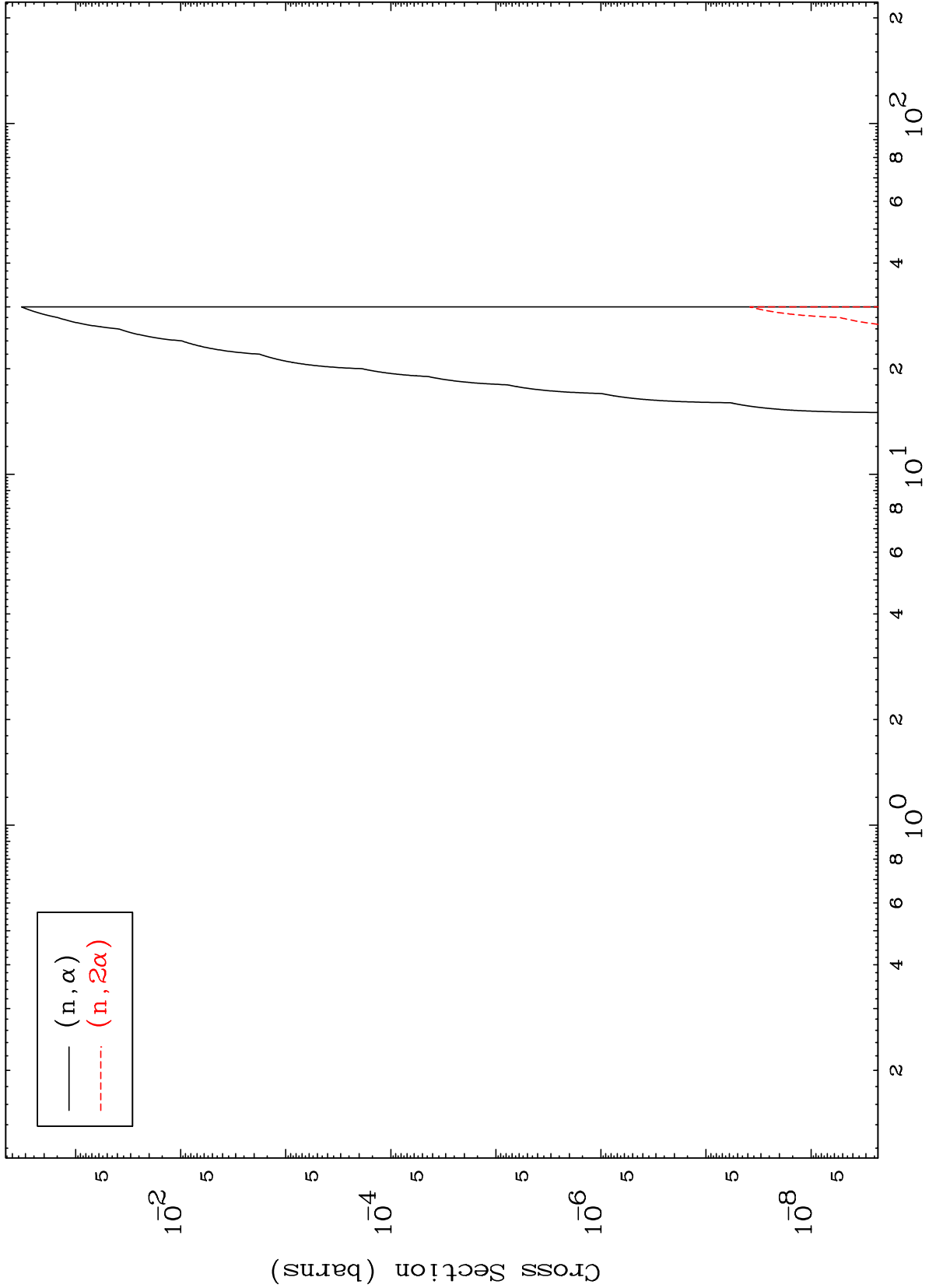


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(α, α) Levels

72-Hf-177m

0 Kelvin Cross Sections



— (n, α)
- - - (n, 2α)

10

Incident Energy (MeV)

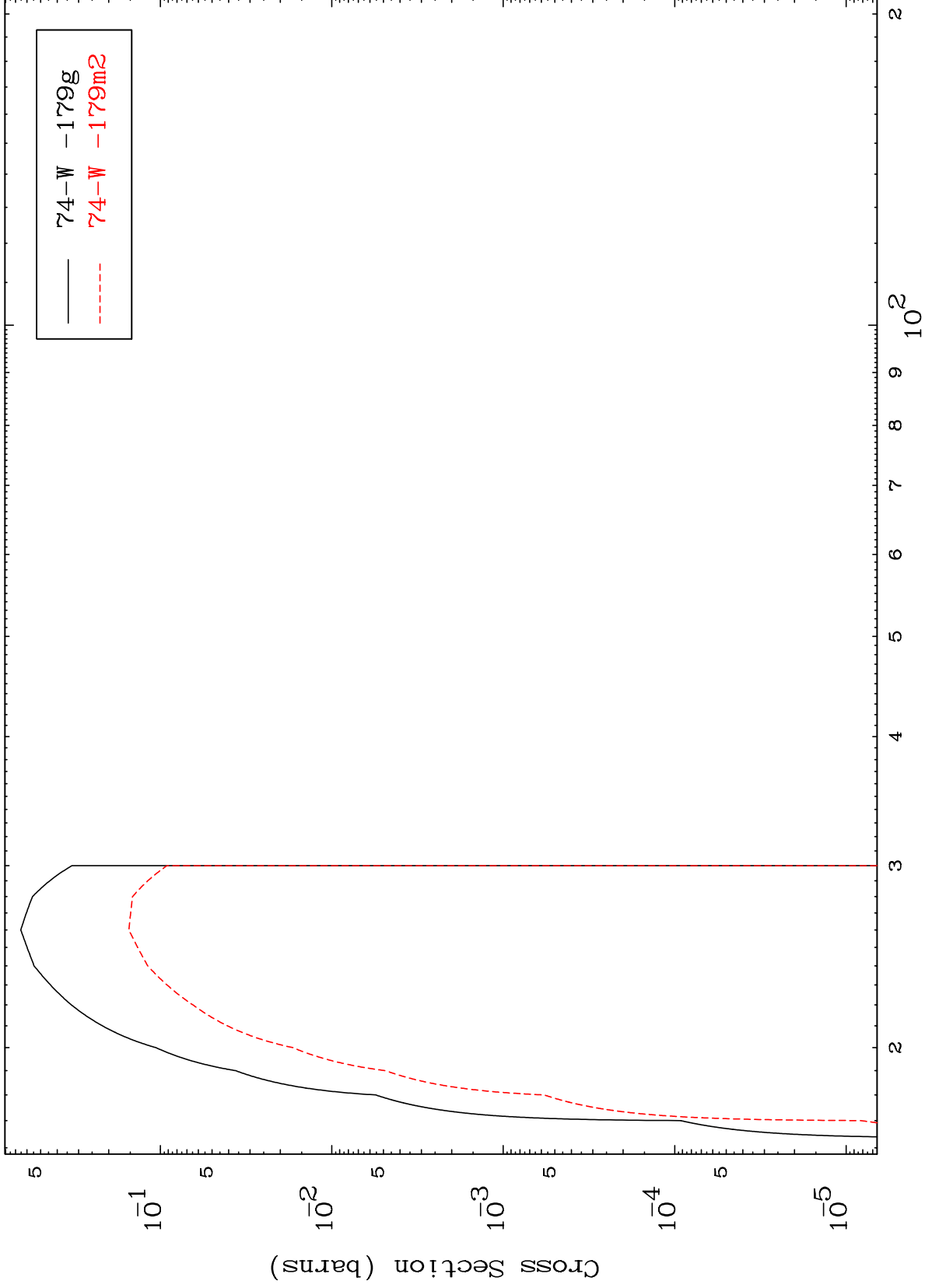
72-Hf-177m

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(n,2n)

⁷²Hf-177m

Radionuclide Production Cross Section



11

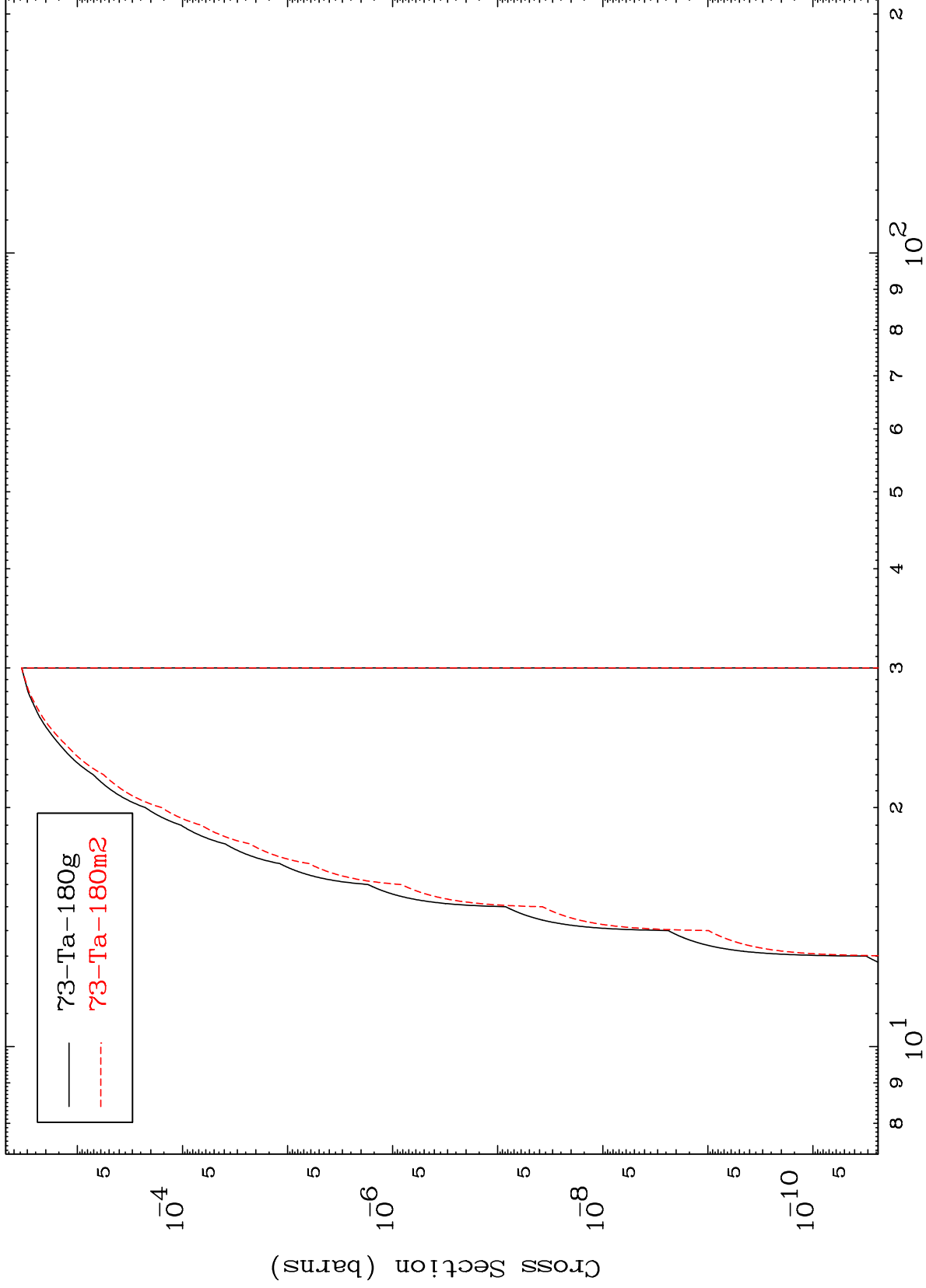
Incident Energy (MeV)

⁷²Hf-177m

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⁷²Hf-177m

Radionuclide Production Cross Section (n,p)



Incident Energy (MeV)

⁷²Hf-177m

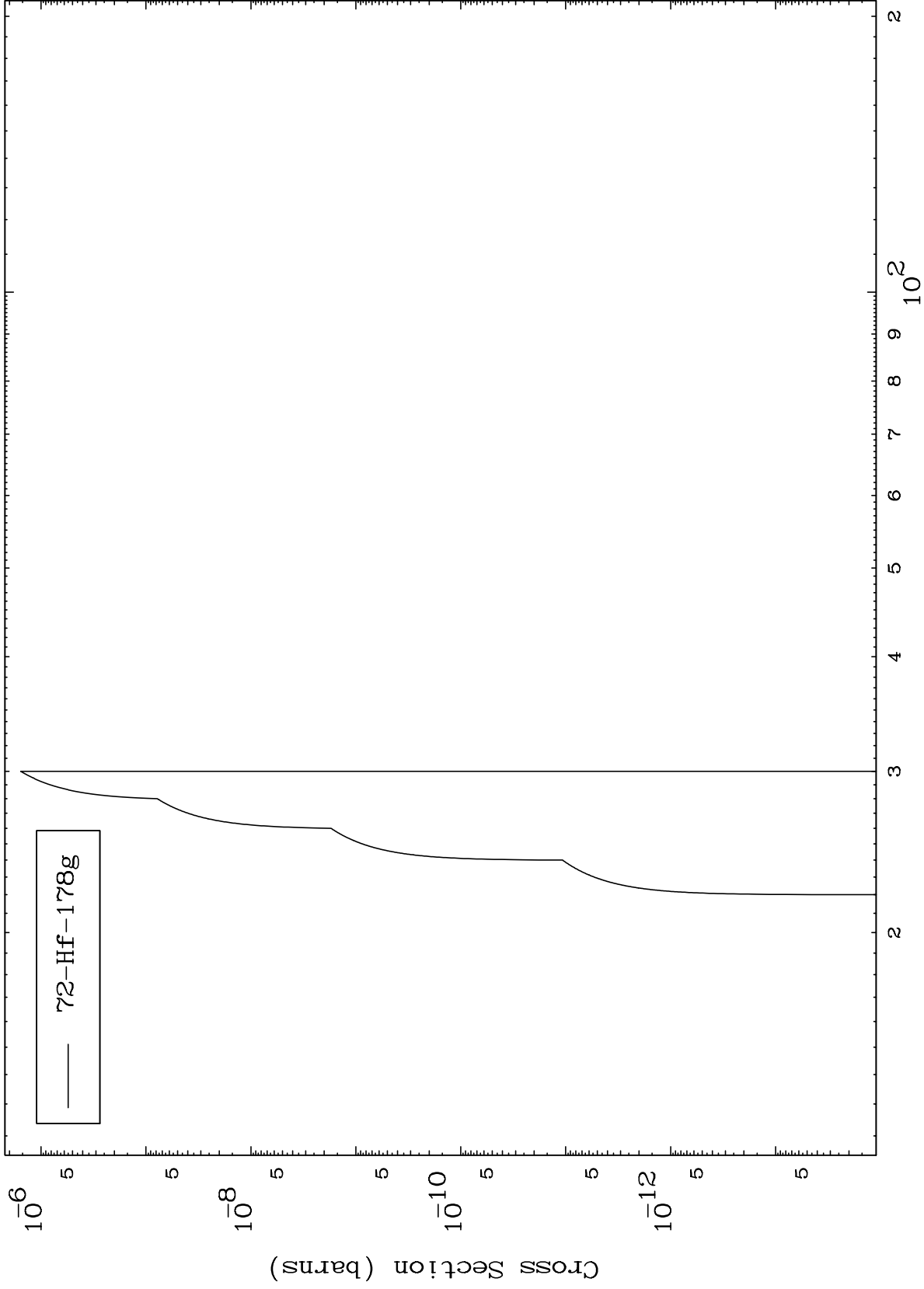
12

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(n,He-3)

72-Hf-177m

Radionuclide Production Cross Section



13

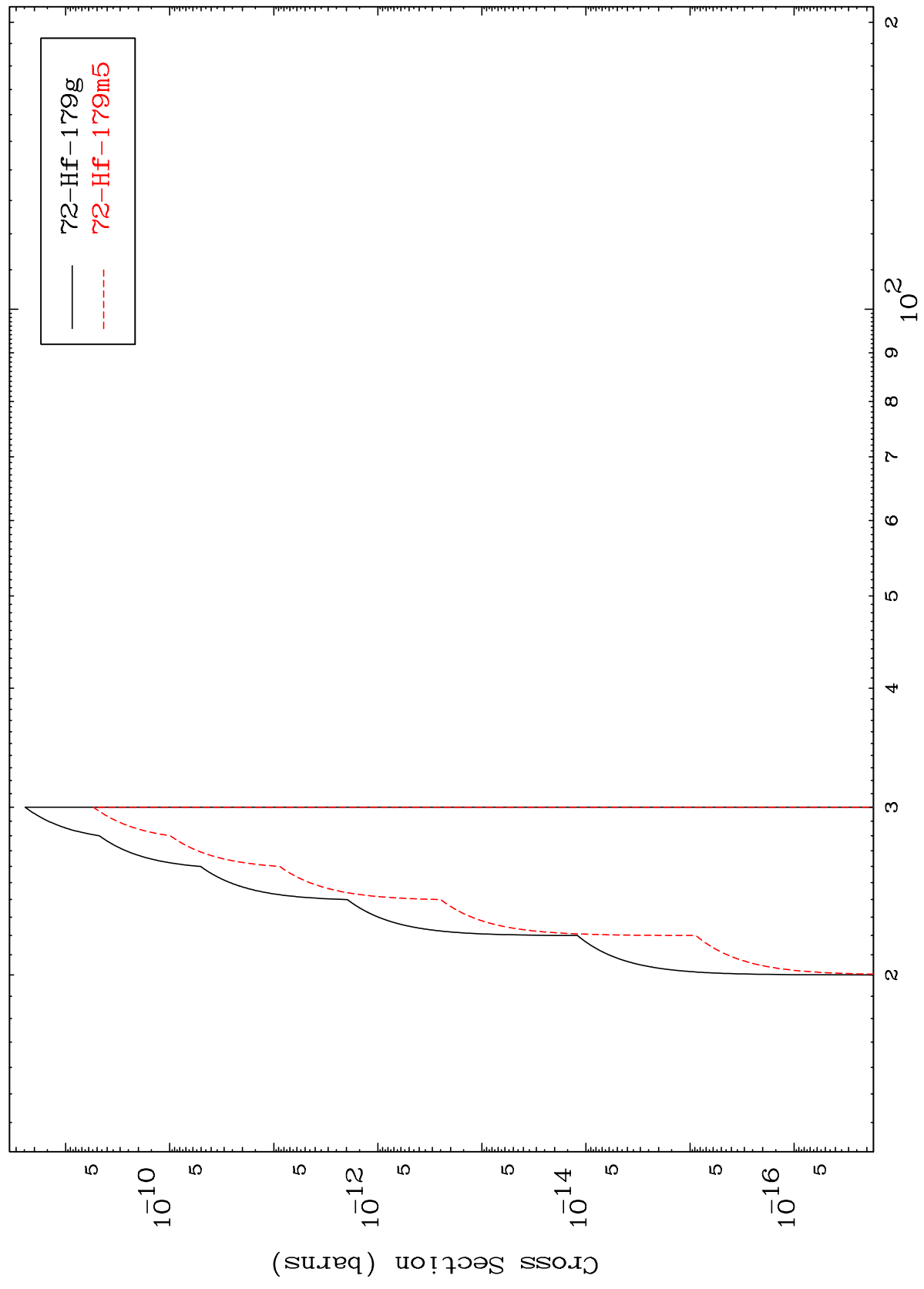
Incident Energy (MeV)

72-Hf-177m

MAT 7235

⁷²Hf-177m

(n,2p)
Radionuclide Production Cross Section



— ⁷²Hf-179g
- - - ⁷²Hf-179m5

14

Incident Energy (MeV)

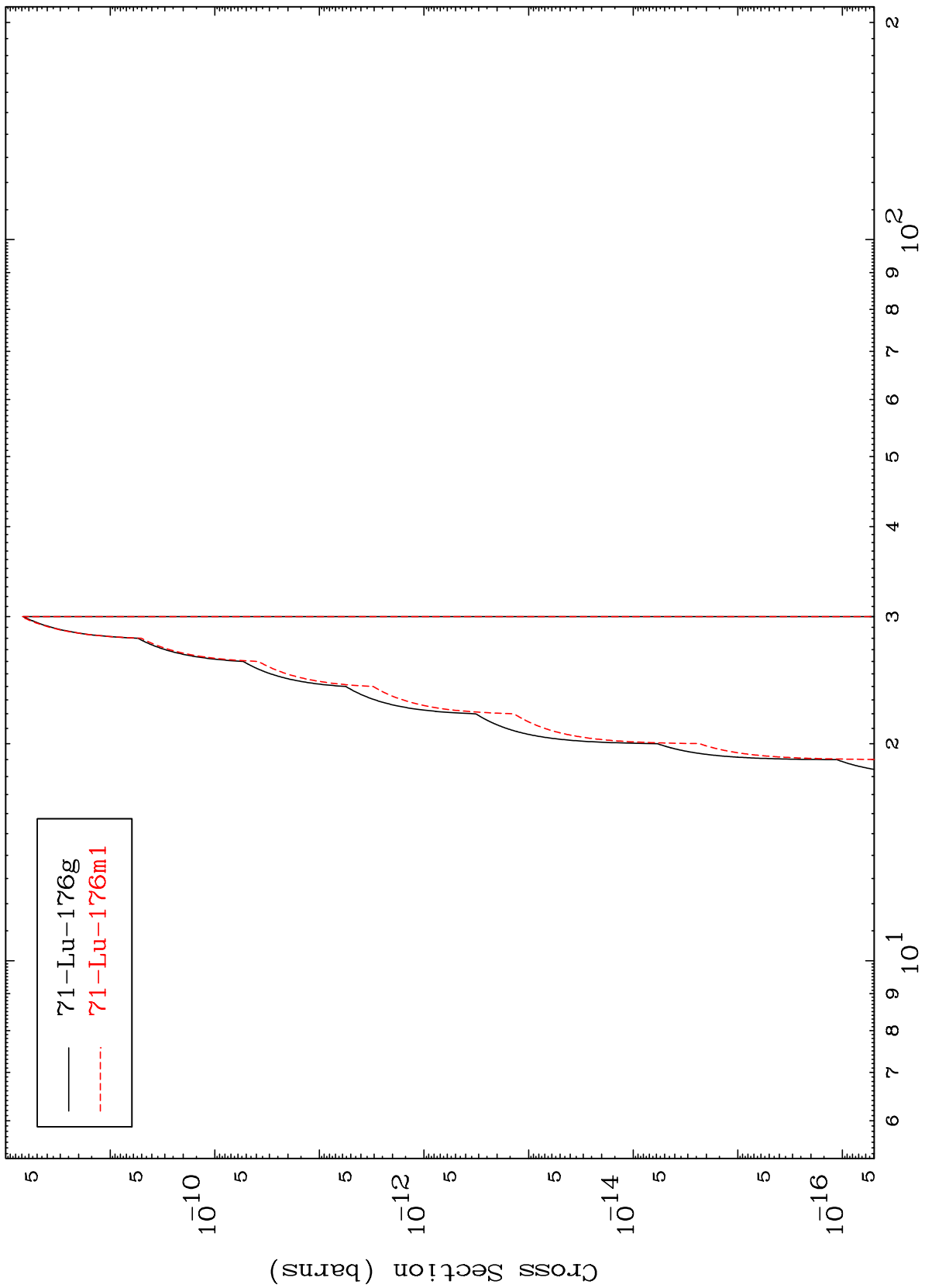
⁷²Hf-177m

MAT 7235

(n,p) α

⁷²Hf-177m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

⁷²Hf-177m