

Program EVALPLOT
(Version 2021-1)

by

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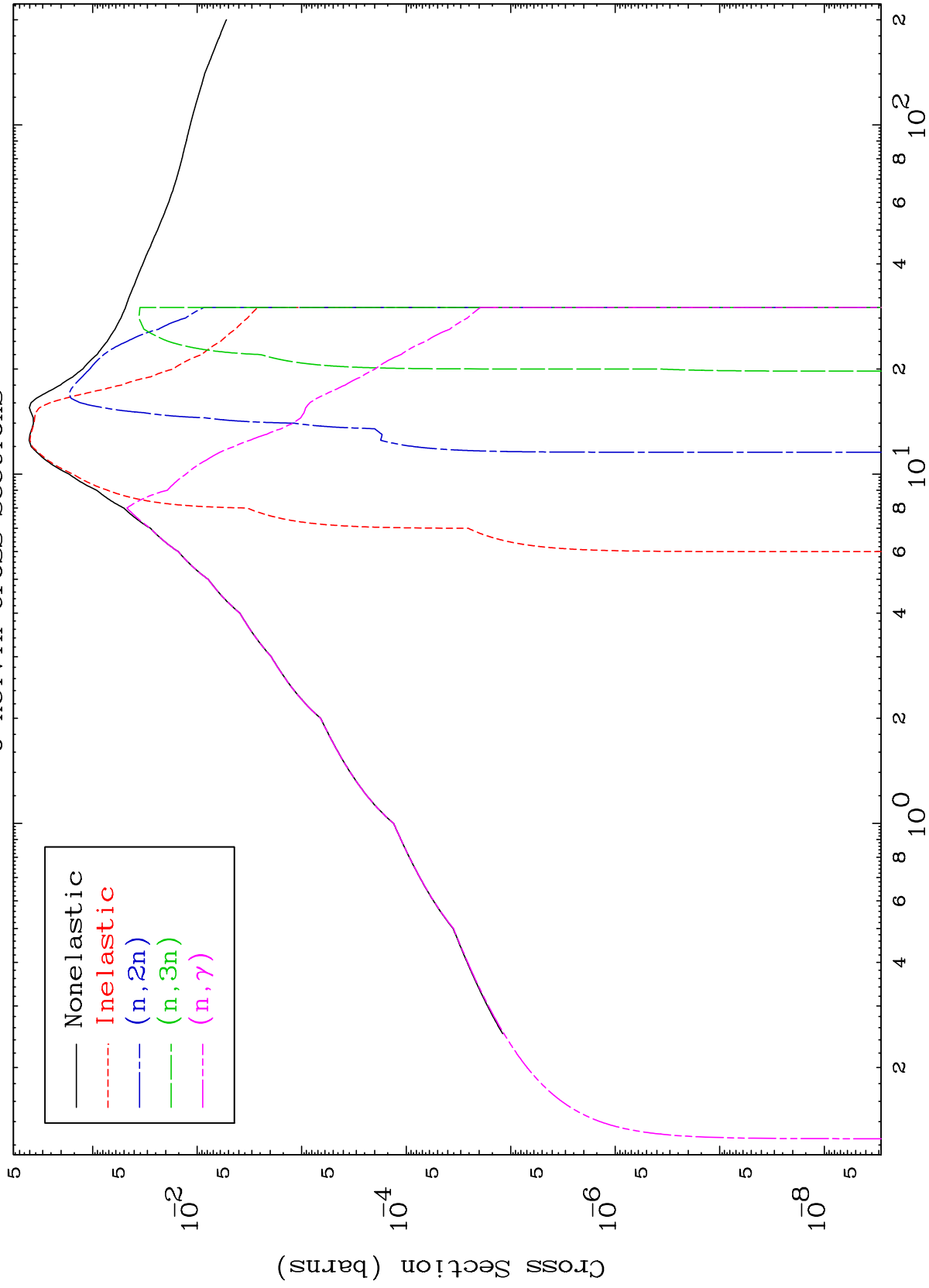
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

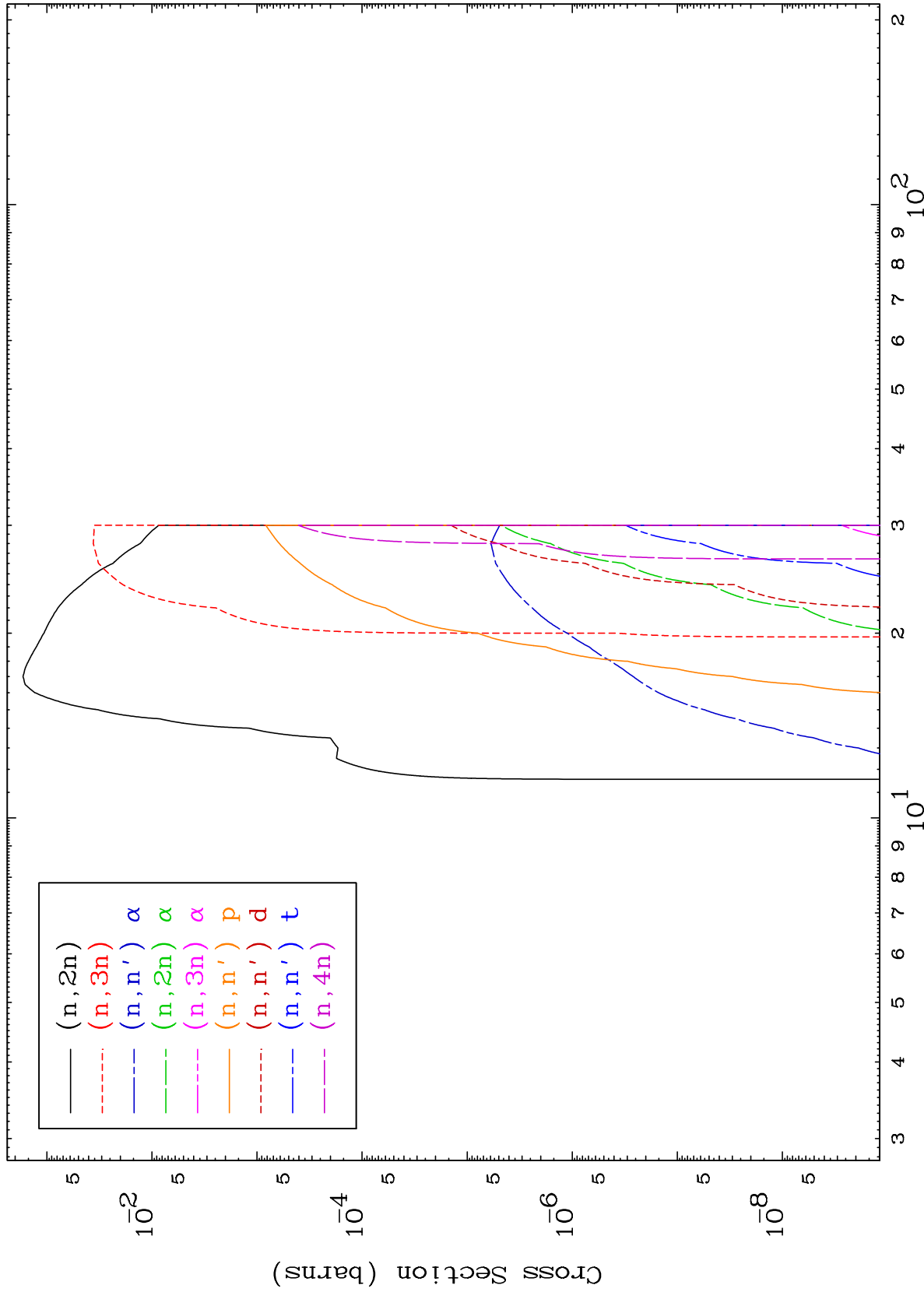
Press Mouse Button to Start

MAT 7239

Photon Major
0 Kelvin Cross Sections

⁷²Hf-178n

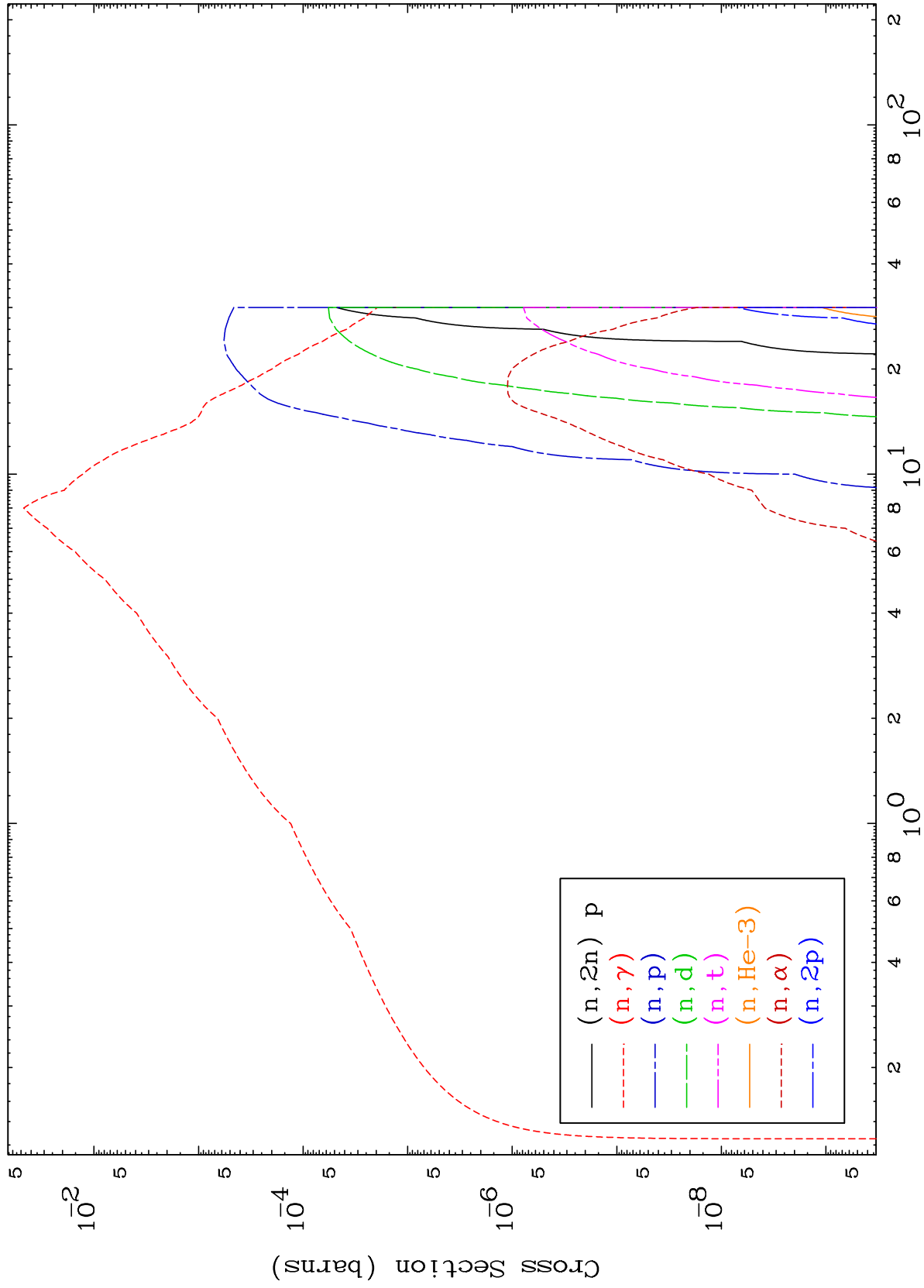




MAT 7239

Photon Neutron Absorption
0 Kelvin Cross Sections

⁷²Hf-178n



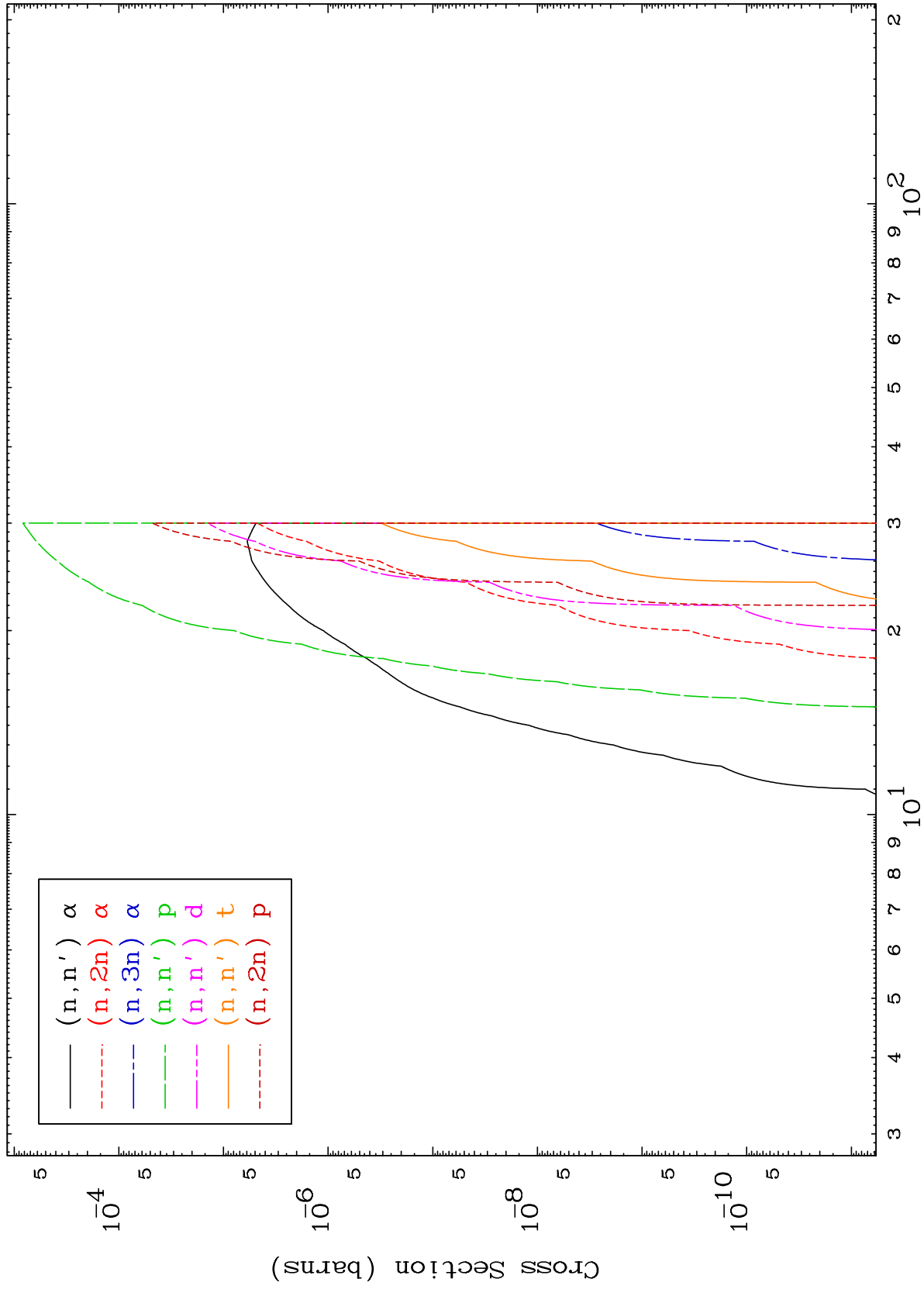
3

⁷²Hf-178n

MAT 7239

Photon Charged Particle
0 Kelvin Cross Sections

72-Hf-178n



4

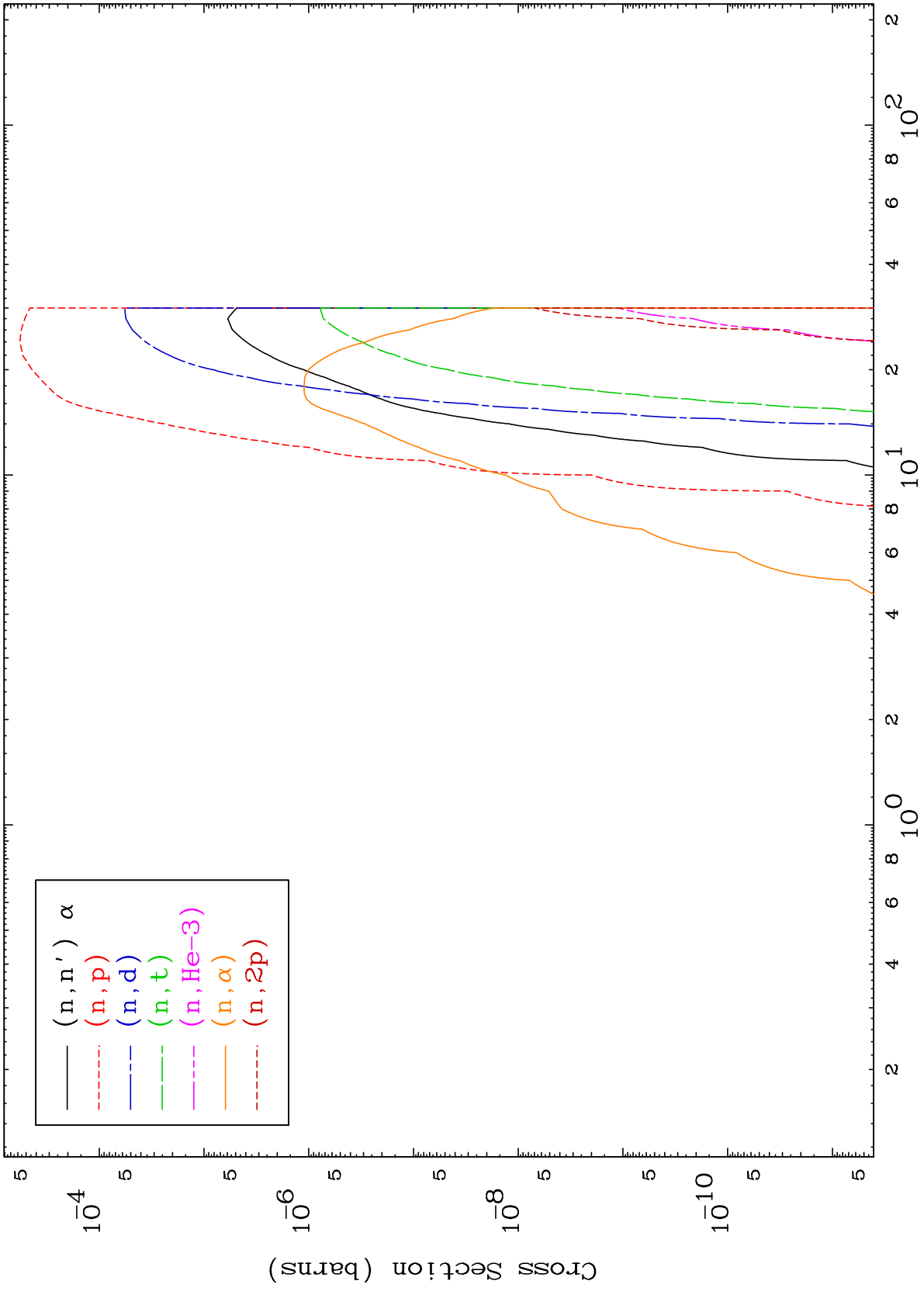
Incident Energy (MeV)

72-Hf-178n

MAT 7239

Photon Charged Particle
0 Kelvin Cross Sections

72-Hf-178n

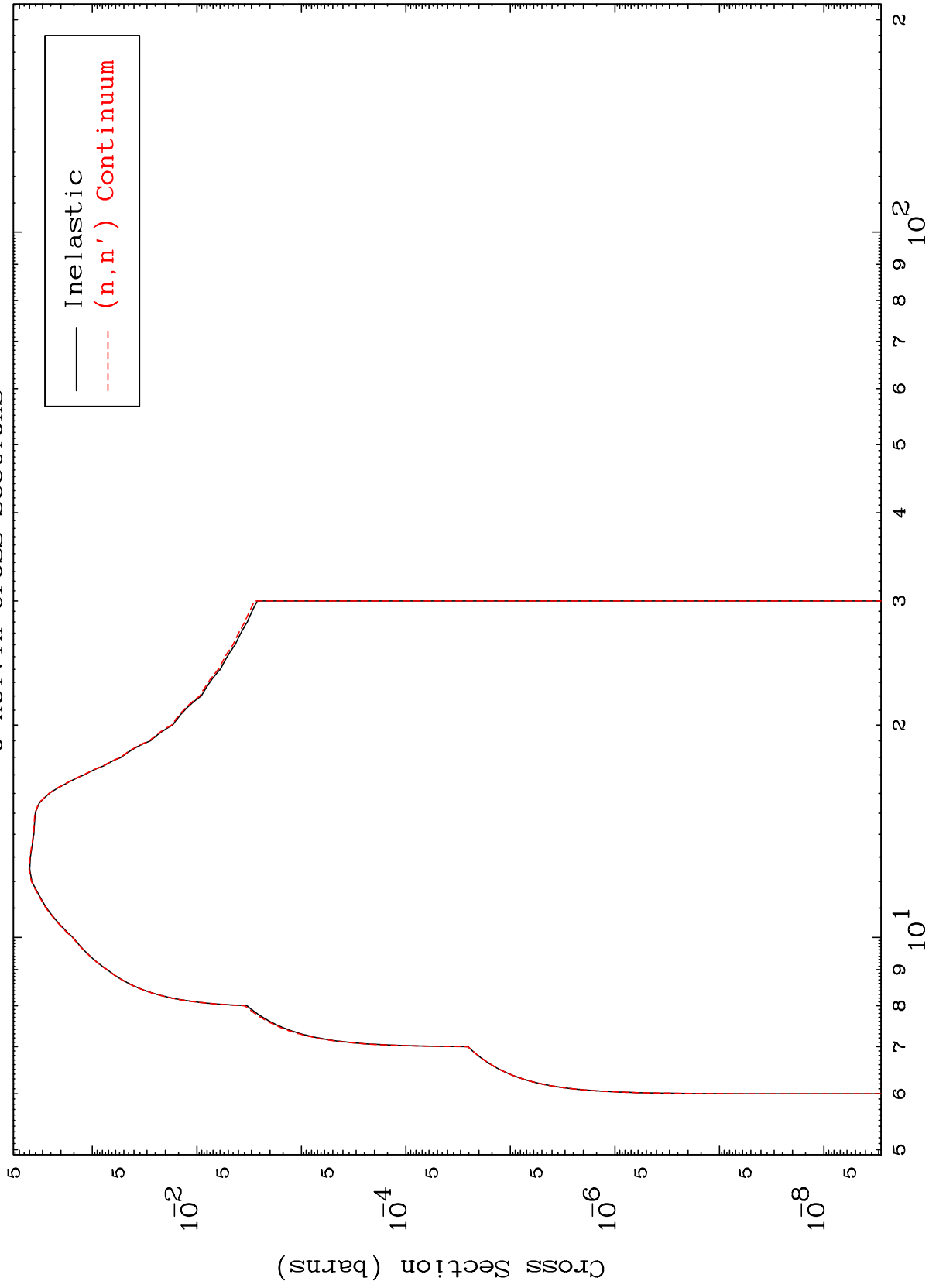


72-Hf-178n

MAT 7239

(γ, n') Levels
0 Kelvin Cross Sections

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



6

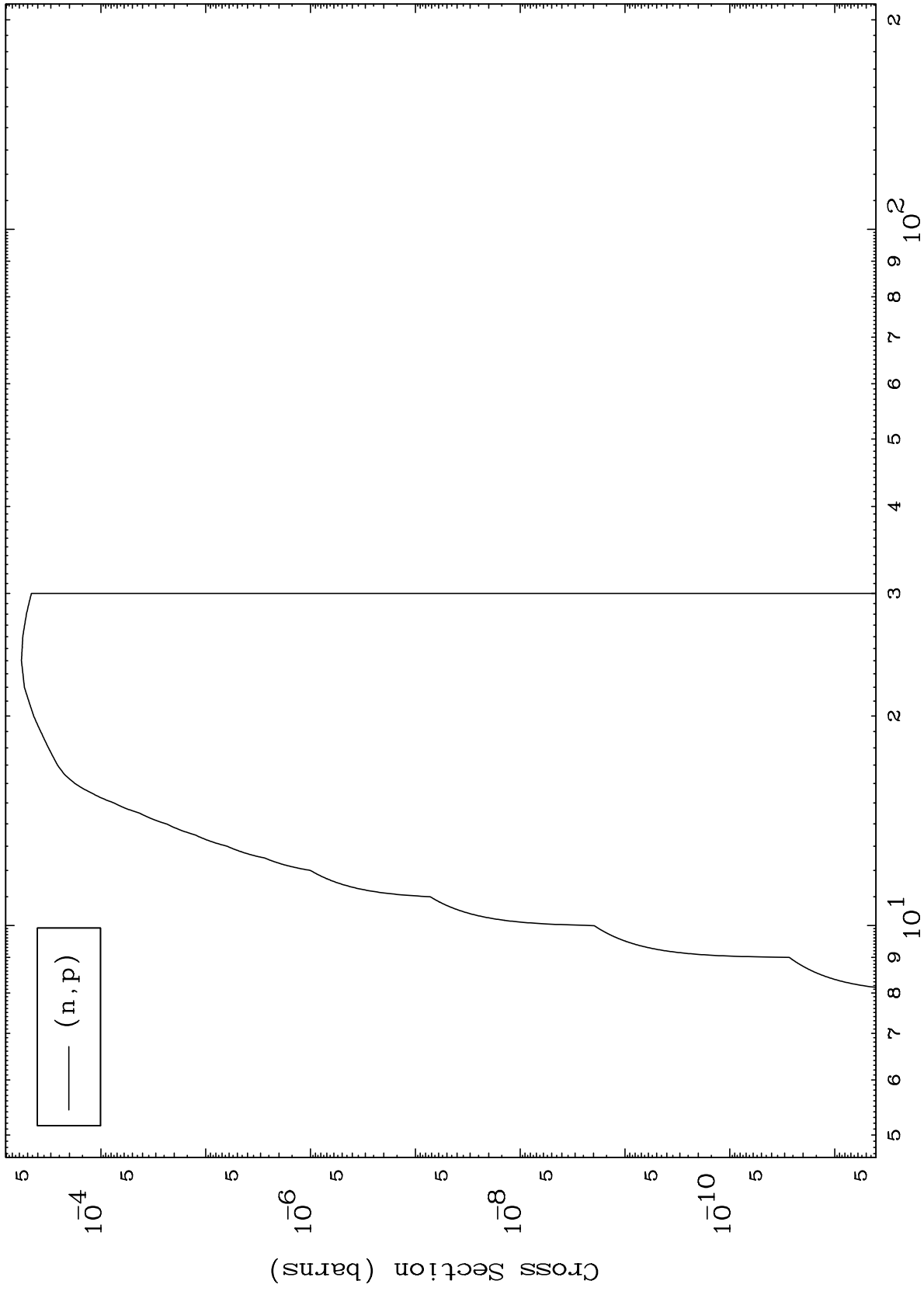
Incident Energy (MeV)

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

MAT 7239

(γ, p) Levels
0 Kelvin Cross Sections

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



7

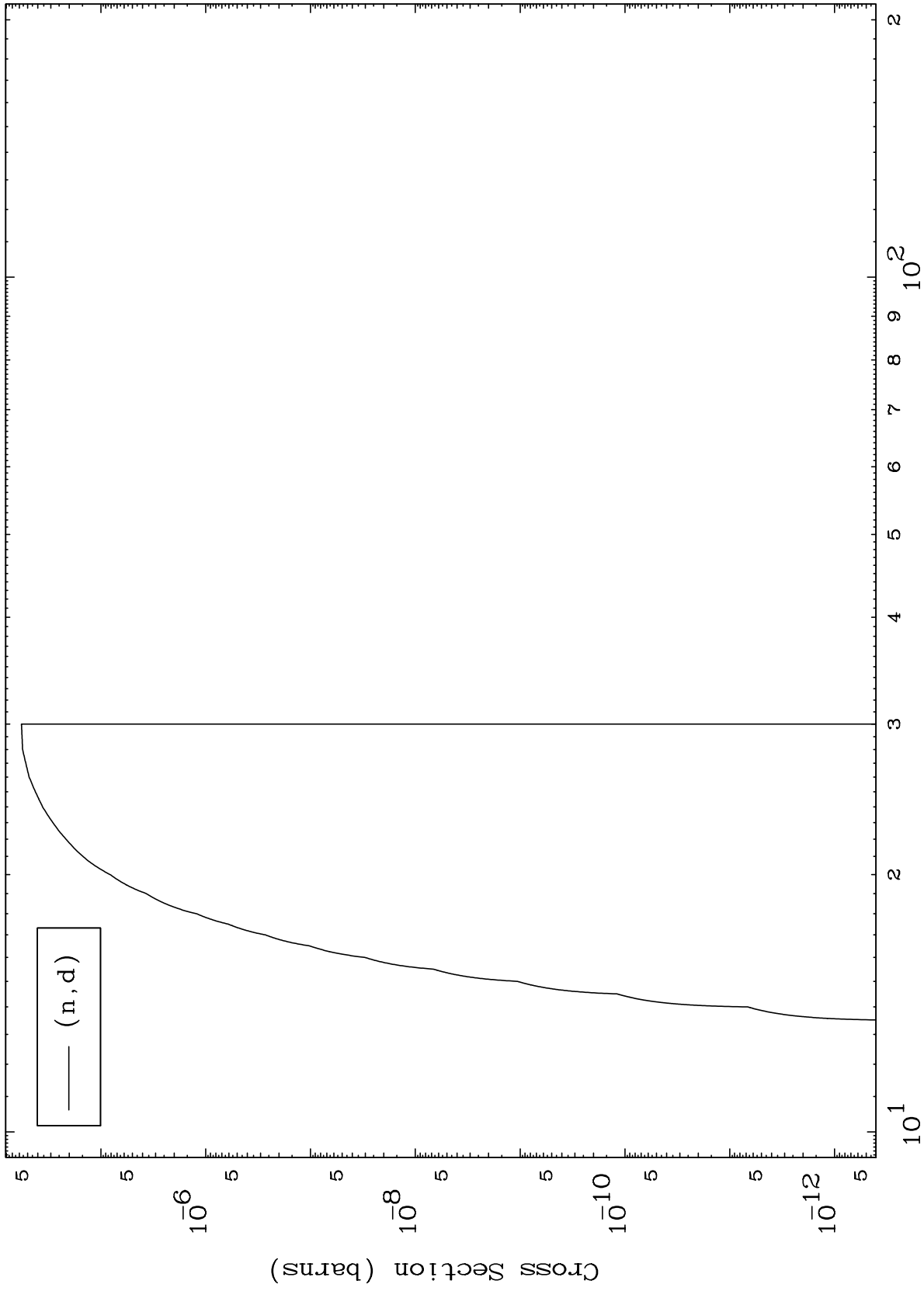
Incident Energy (MeV)

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

MAT 7239

(γ, d) Levels
0 Kelvin Cross Sections

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



8

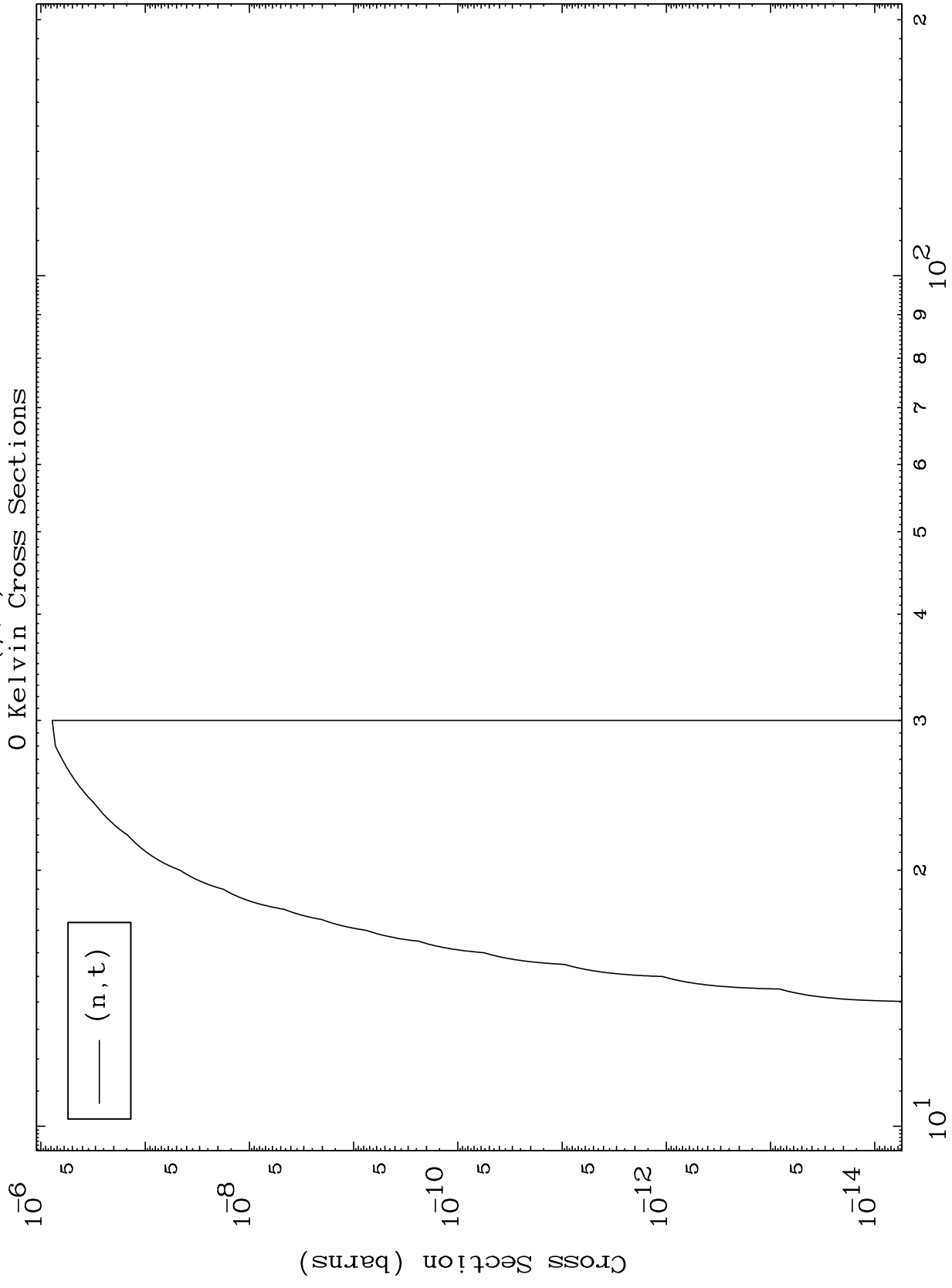
Incident Energy (MeV)

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

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(γ, t) Levels
0 Kelvin Cross Sections

72-Hf-178n



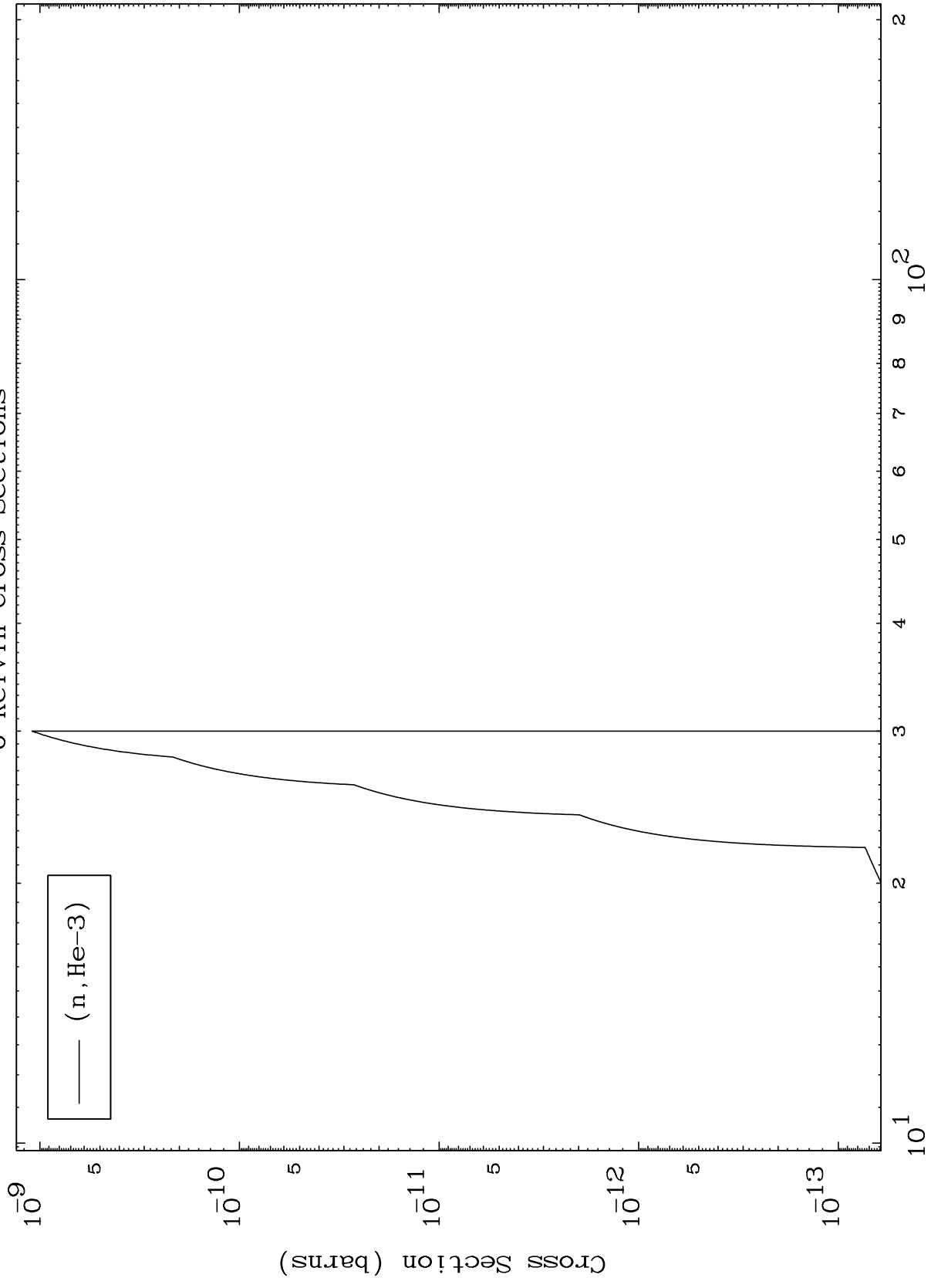
Incident Energy (MeV)

72-Hf-178n

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($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

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



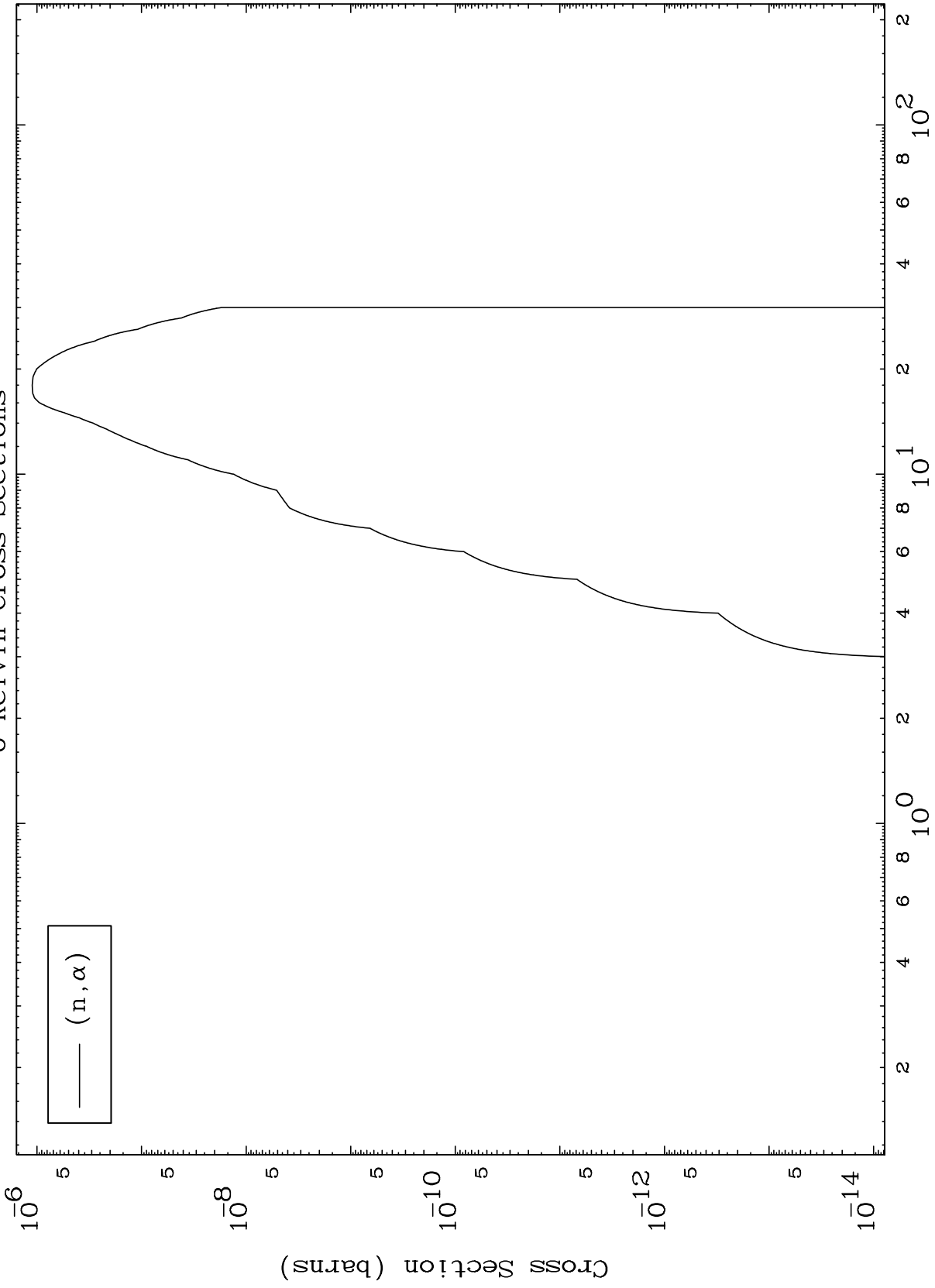
Incident Energy (MeV)

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

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(γ, α) Levels
0 Kelvin Cross Sections

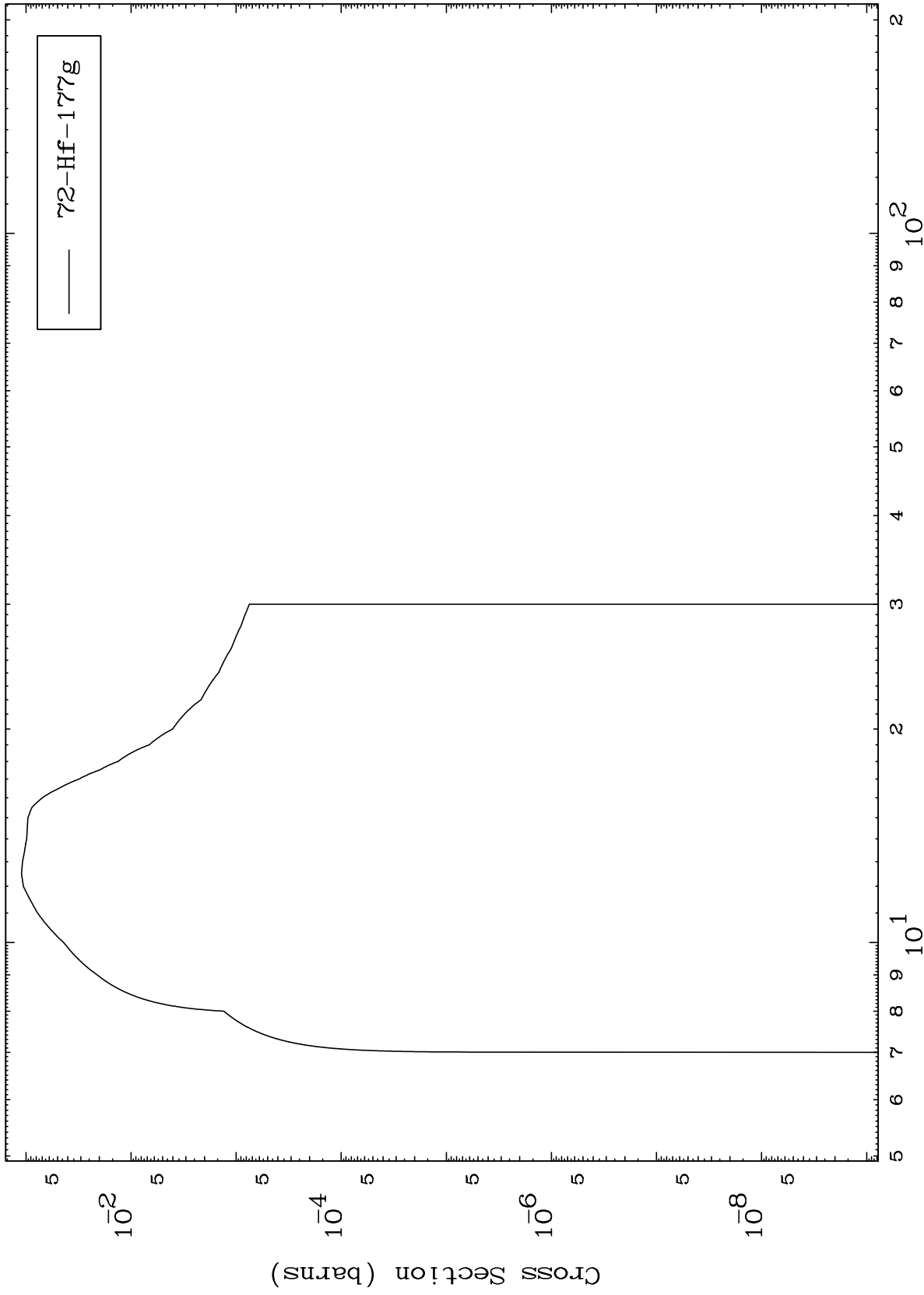
⁷²Hf-178n



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72-Hf-178n

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

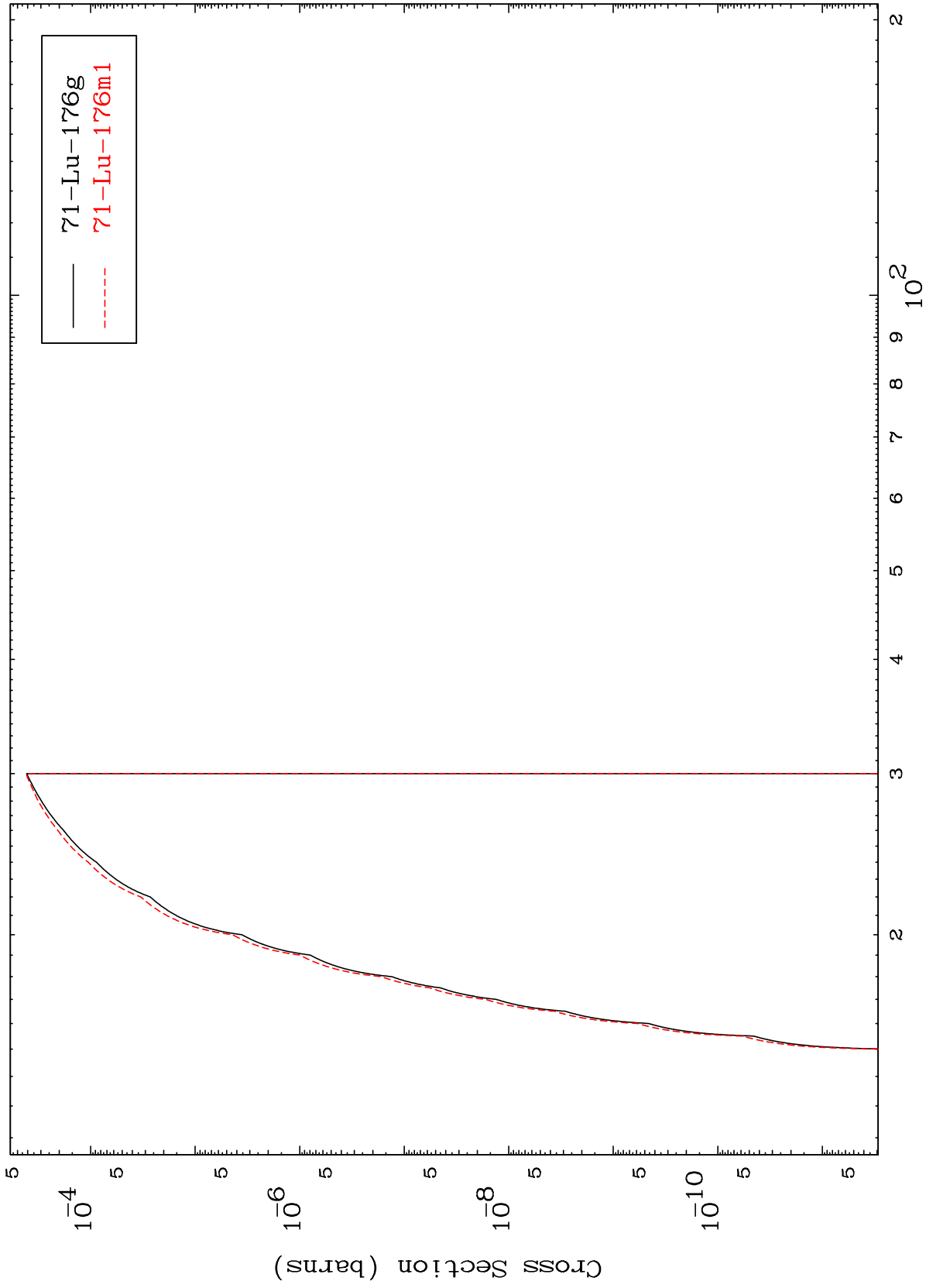
72-Hf-178n

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(n,n') p

⁷²Hf-178n

Radionuclide Production Cross Section



13

Incident Energy (MeV)

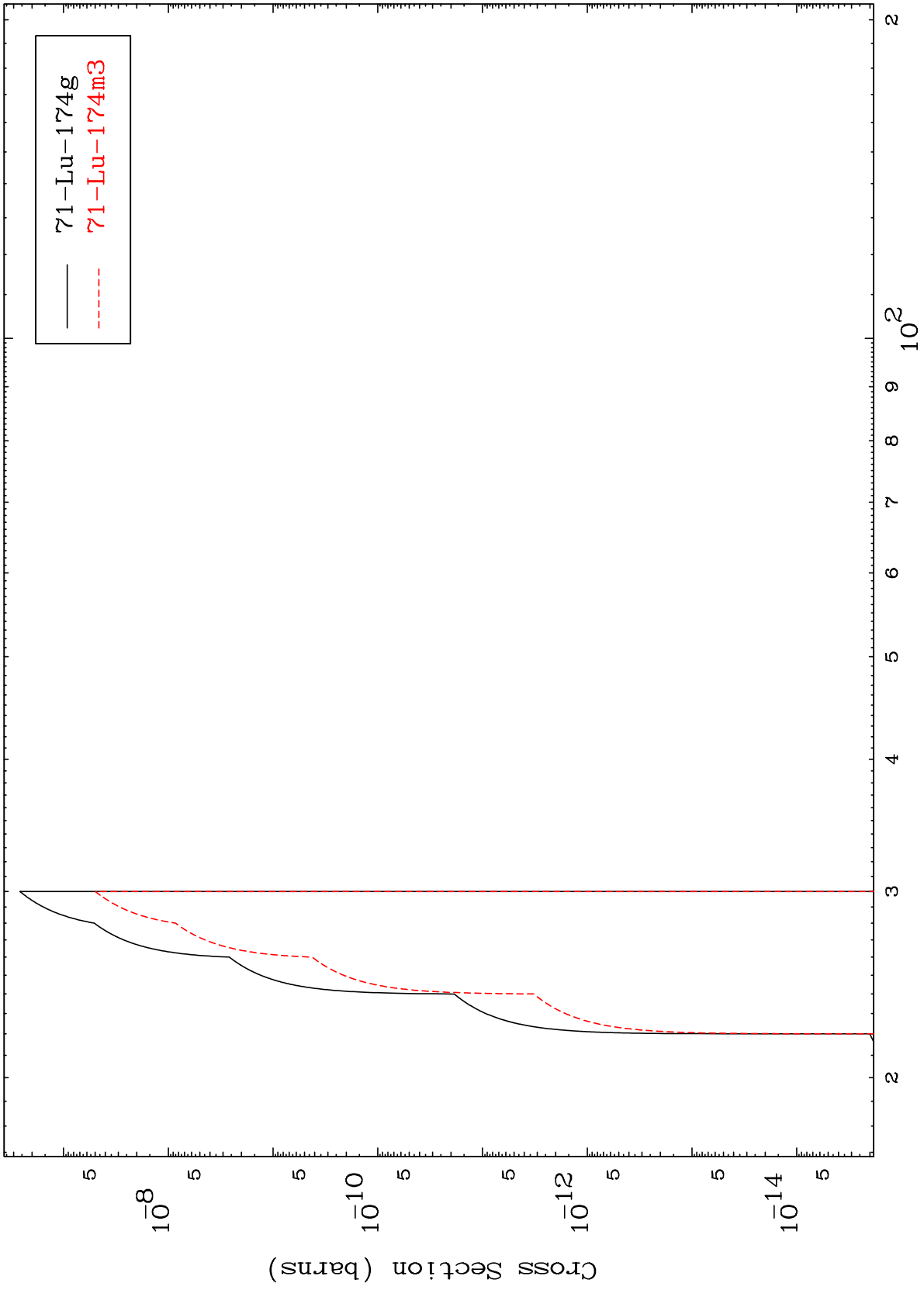
⁷²Hf-178n

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(n,n') t

⁷²Hf-¹⁷⁸n

Radionuclide Production Cross Section



14

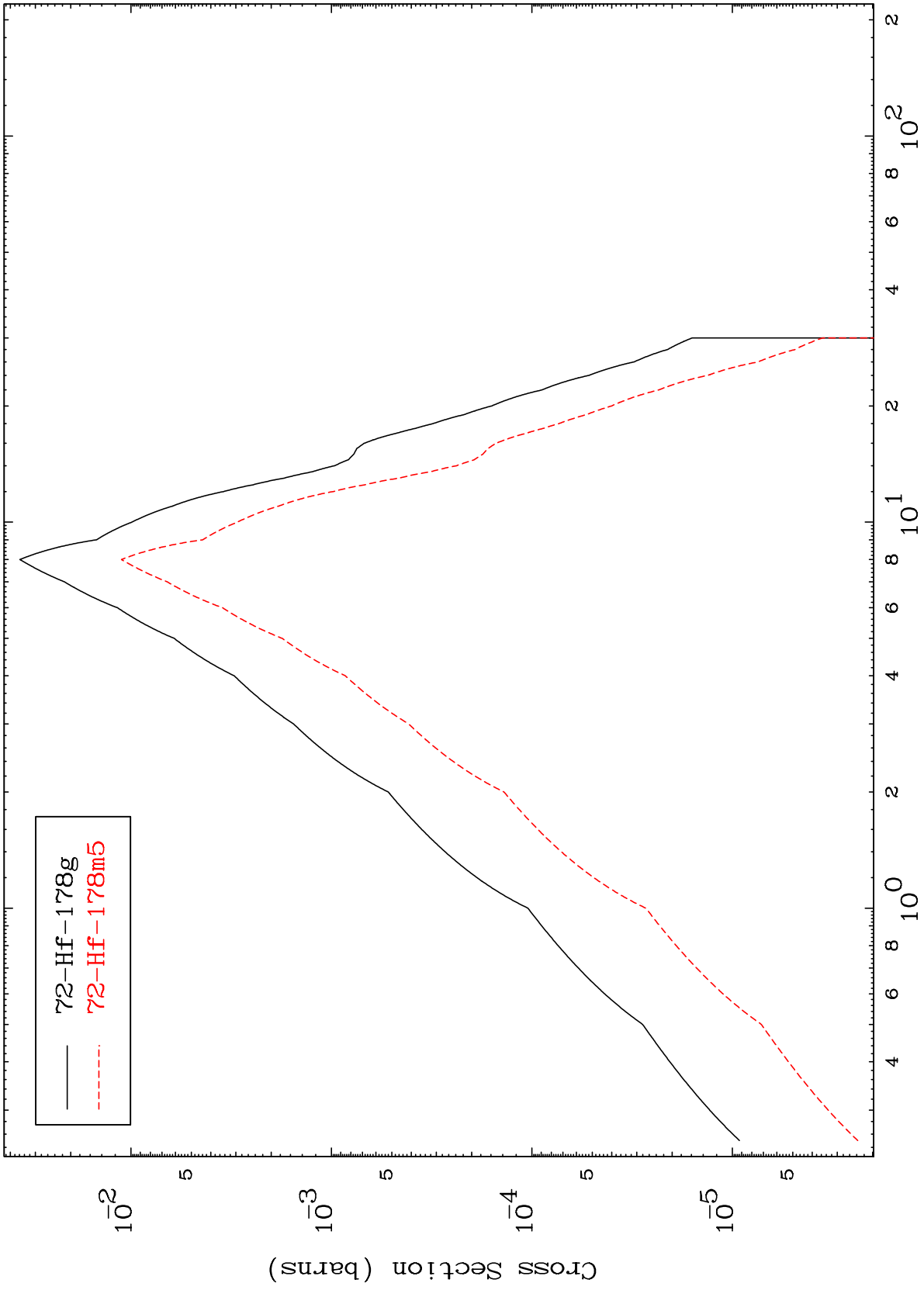
Incident Energy (MeV)

⁷²Hf-¹⁷⁸n

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Radionuclide Production Cross Section
(n, γ)

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



15

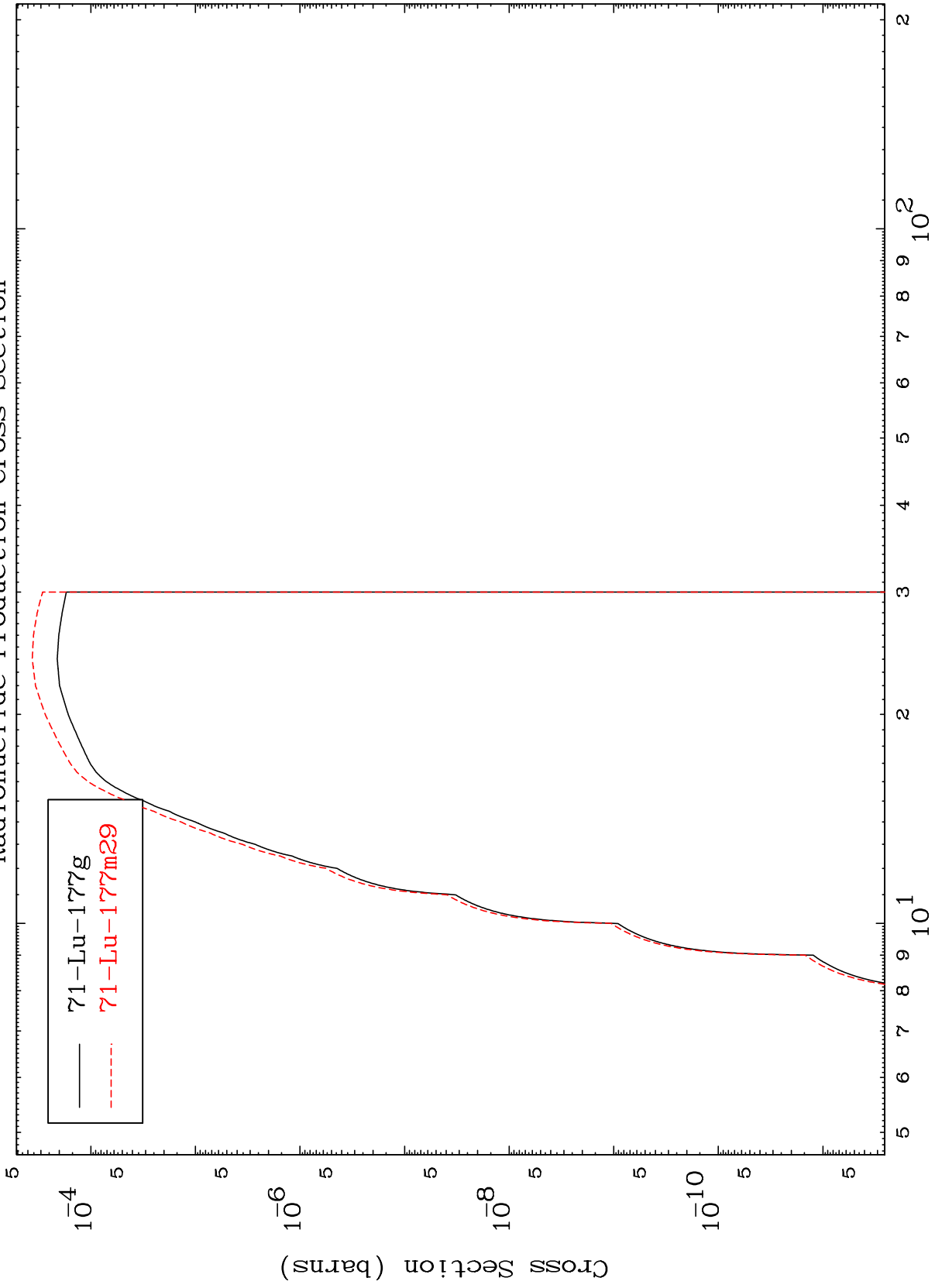
Incident Energy (MeV)

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

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⁷²Hf-178n

Radionuclide Production Cross Section (n,p)



16

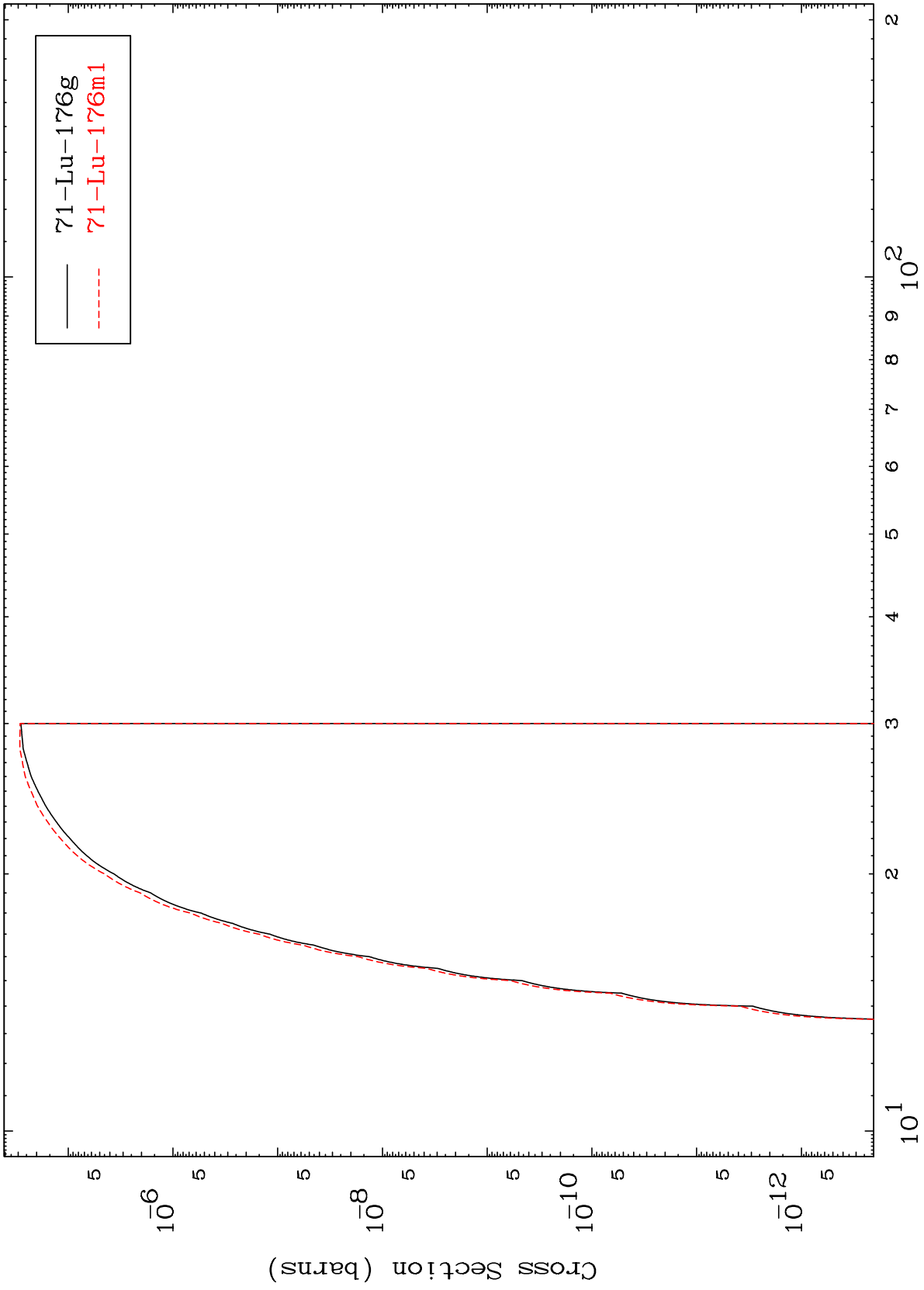
Incident Energy (MeV)

⁷²Hf-178n

MAT 7239

72-Hf-178n

(n,d)
Radionuclide Production Cross Section



17

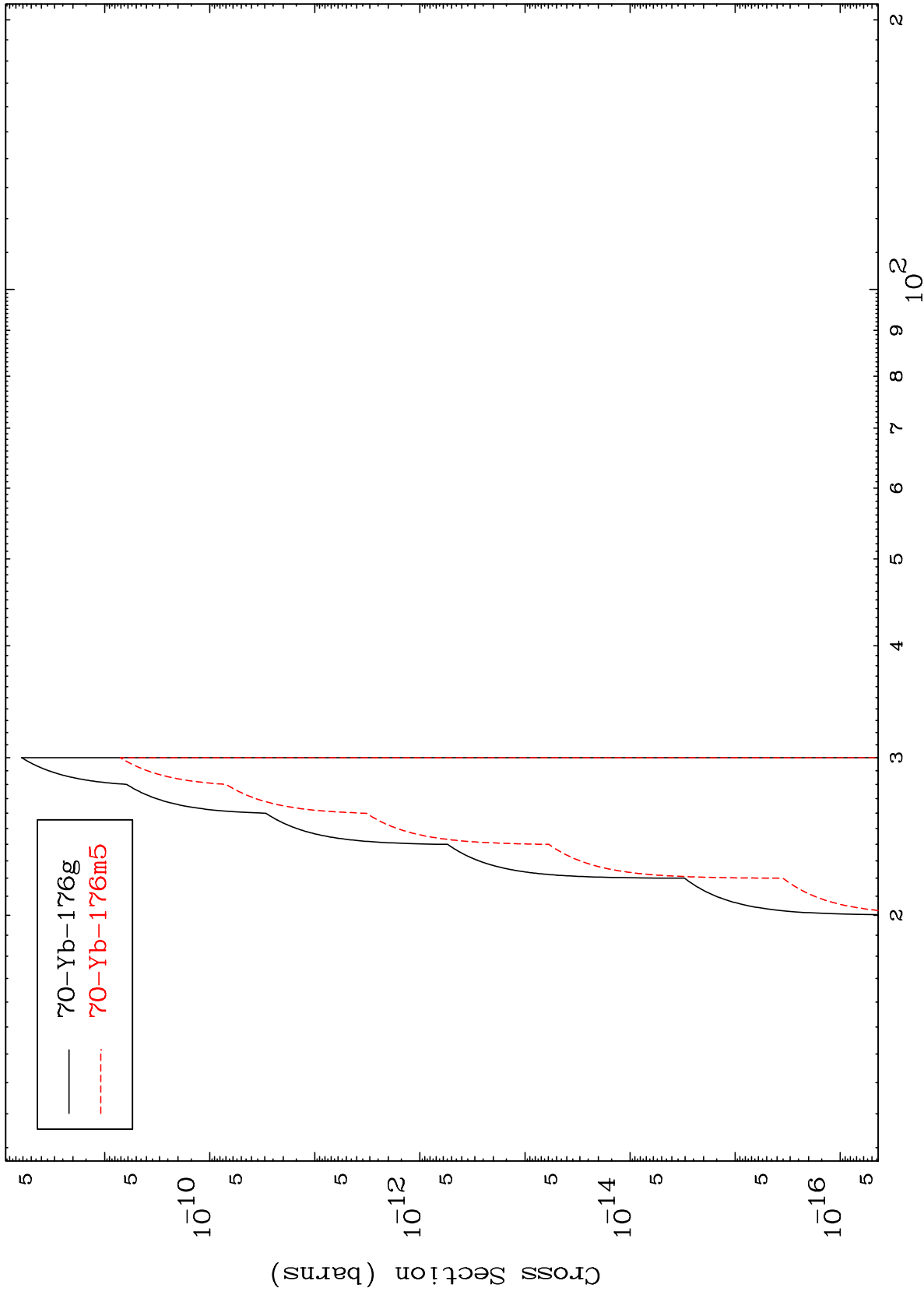
Incident Energy (MeV)

72-Hf-178n

MAT 7239

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

Radionuclide Production Cross Section
(n,2p)



18

Incident Energy (MeV)

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