

Program EVALPLOT
(Version 2021-1)

by

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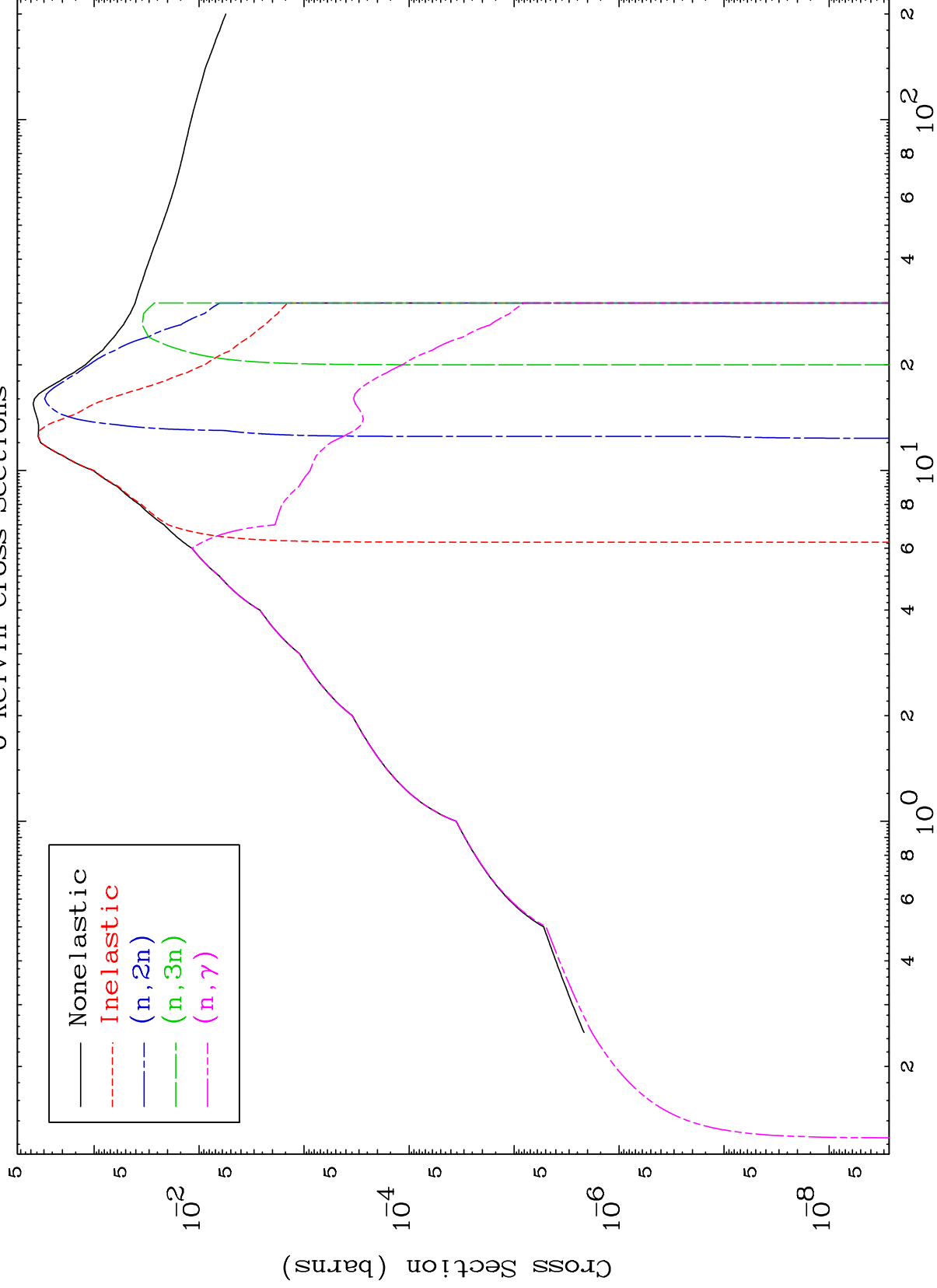
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7244

Photon Major
0 Kelvin Cross Sections

72-Hf-180m



1

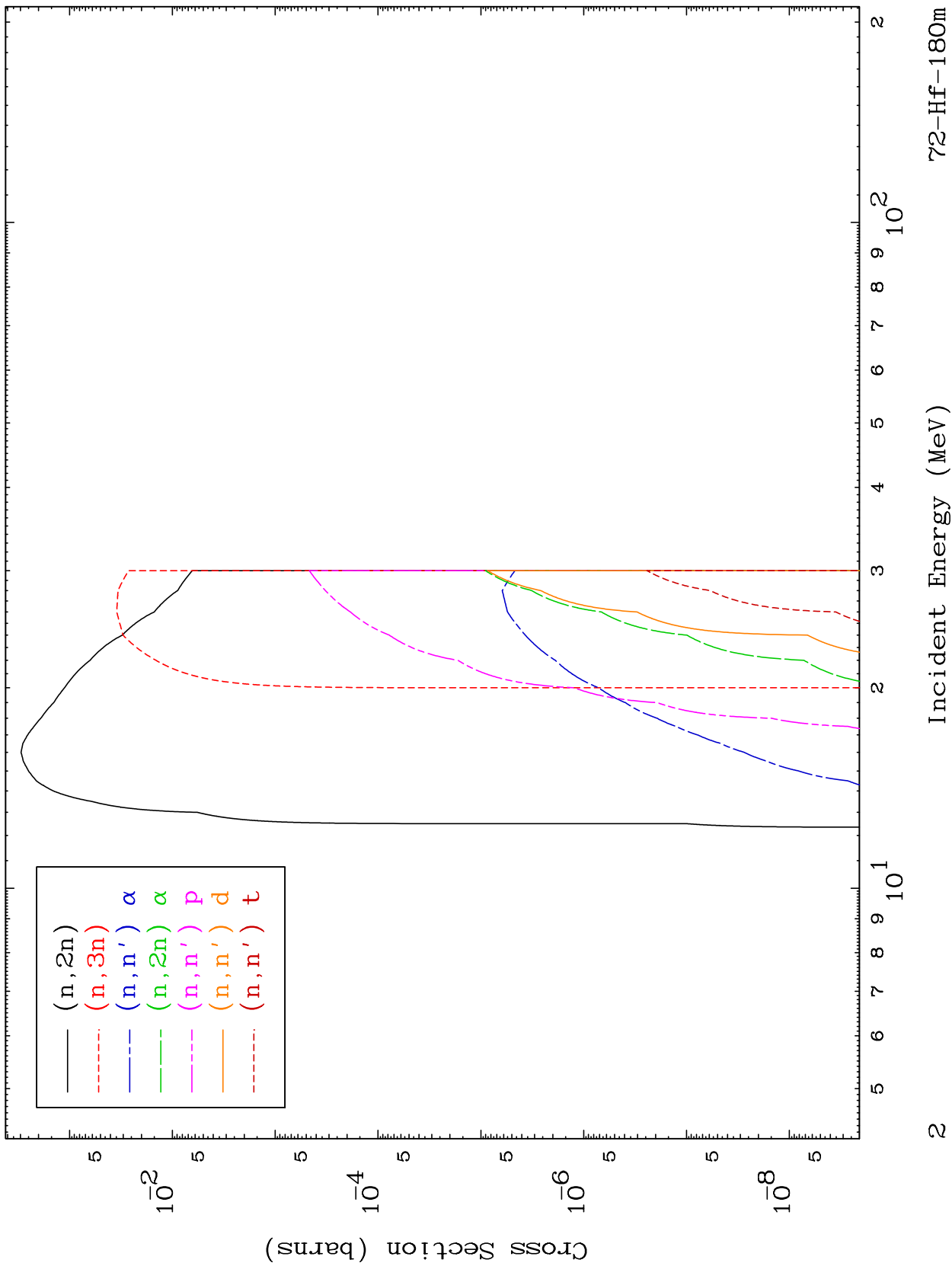
Incident Energy (MeV)

72-Hf-180m

MAT 7244

Photon Neutron Absorption
0 Kelvin Cross Sections

⁷²Hf-180m



⁷²Hf-180m

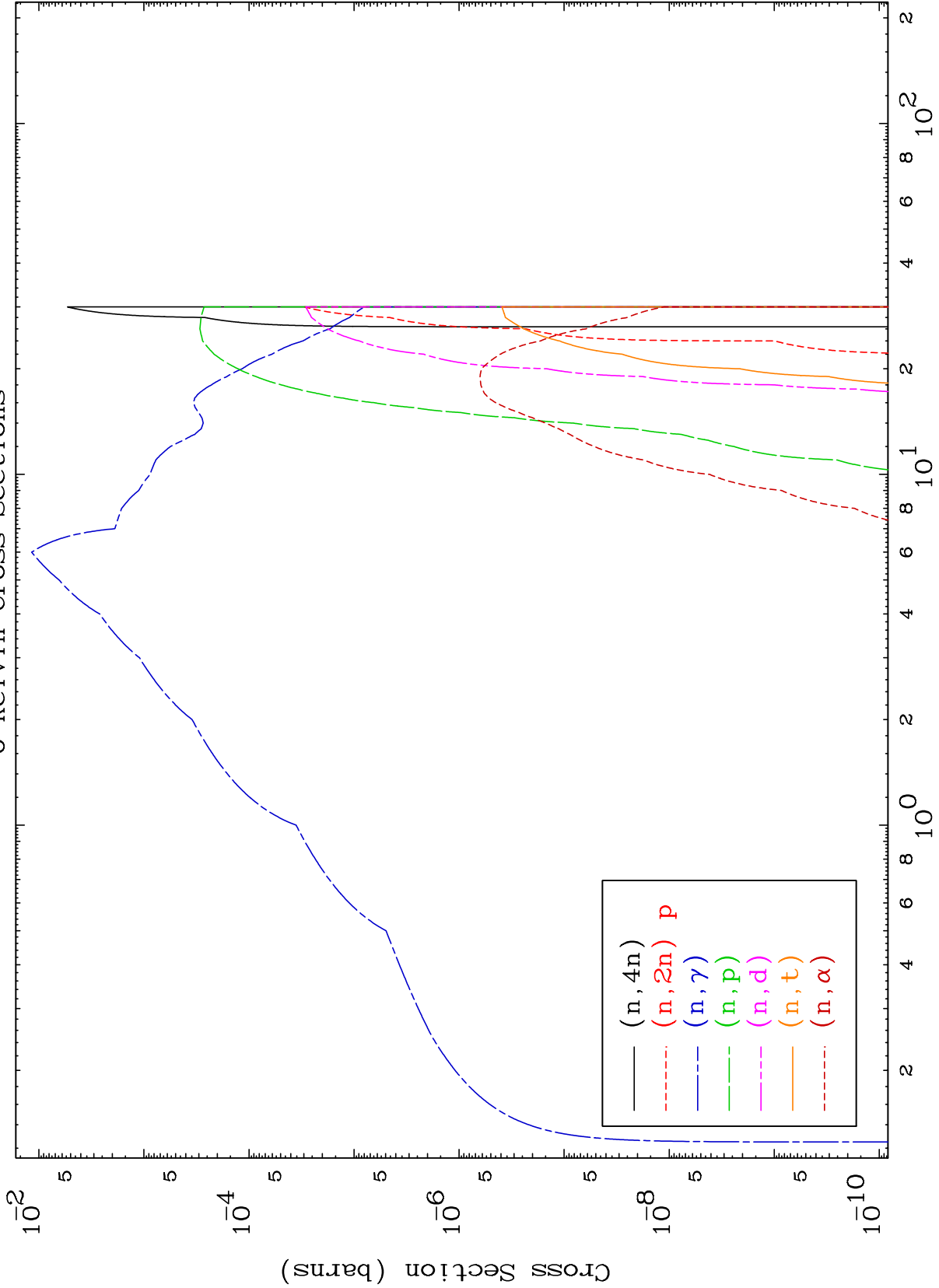
Incident Energy (MeV)

2

MAT 7244

Photon Neutron Absorption
0 Kelvin Cross Sections

72-Hf-180m



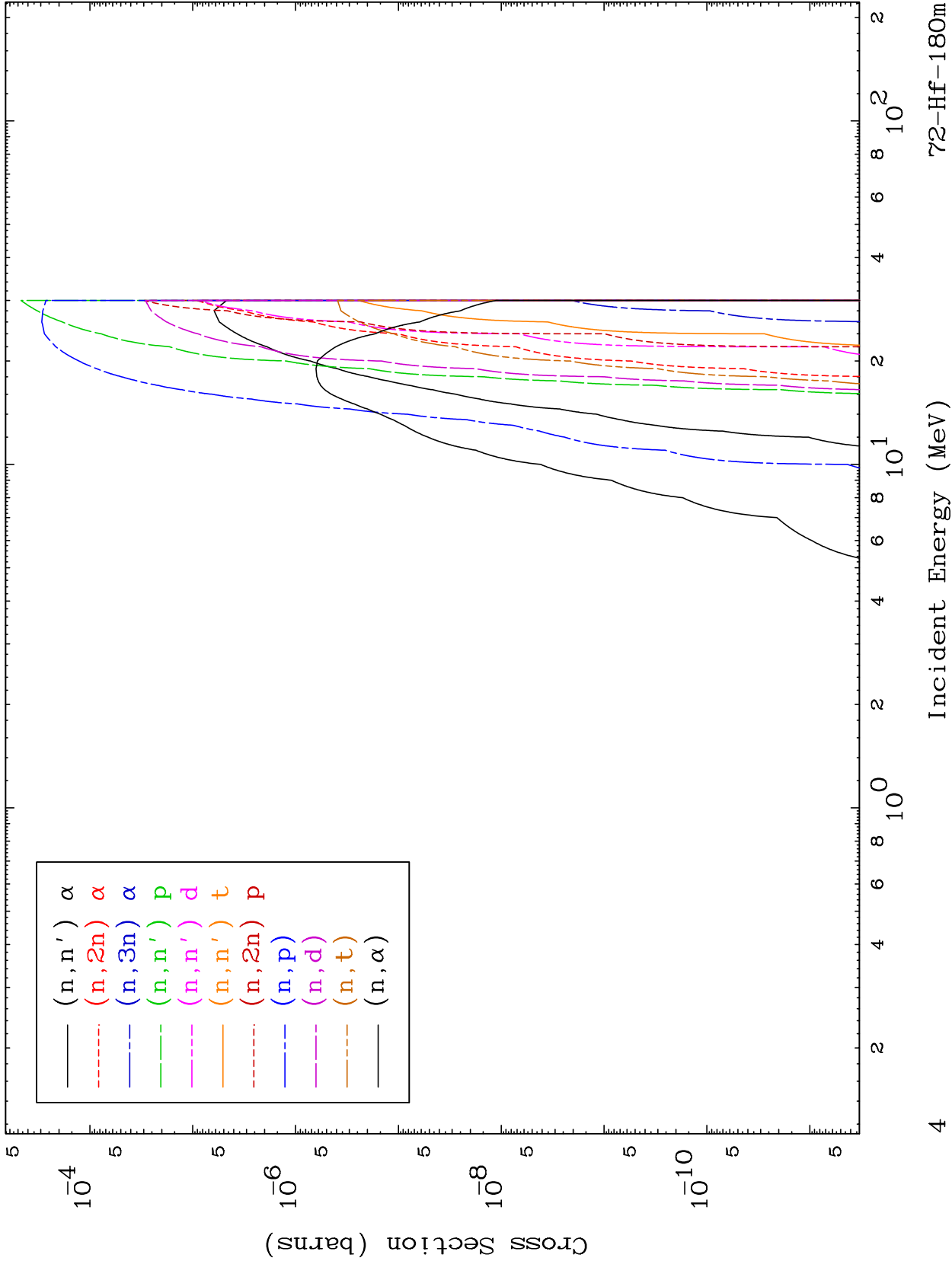
72-Hf-180m

Incident Energy (MeV)

MAT 7244

Photon Charged Particle
0 Kelvin Cross Sections

72-Hf-180m

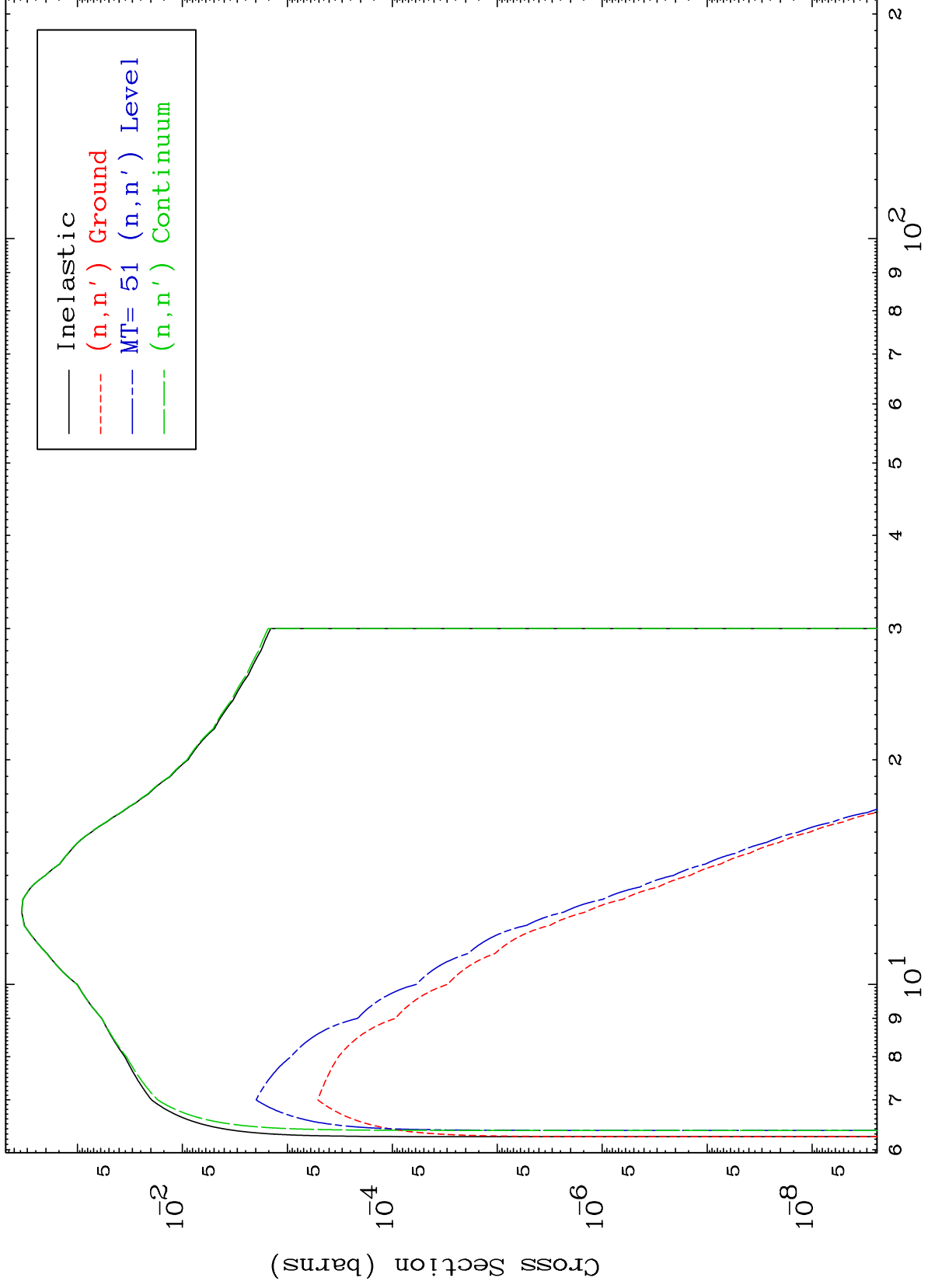


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(γ, n') Levels

72-Hf-180m

0 Kelvin Cross Sections



Incident Energy (MeV)

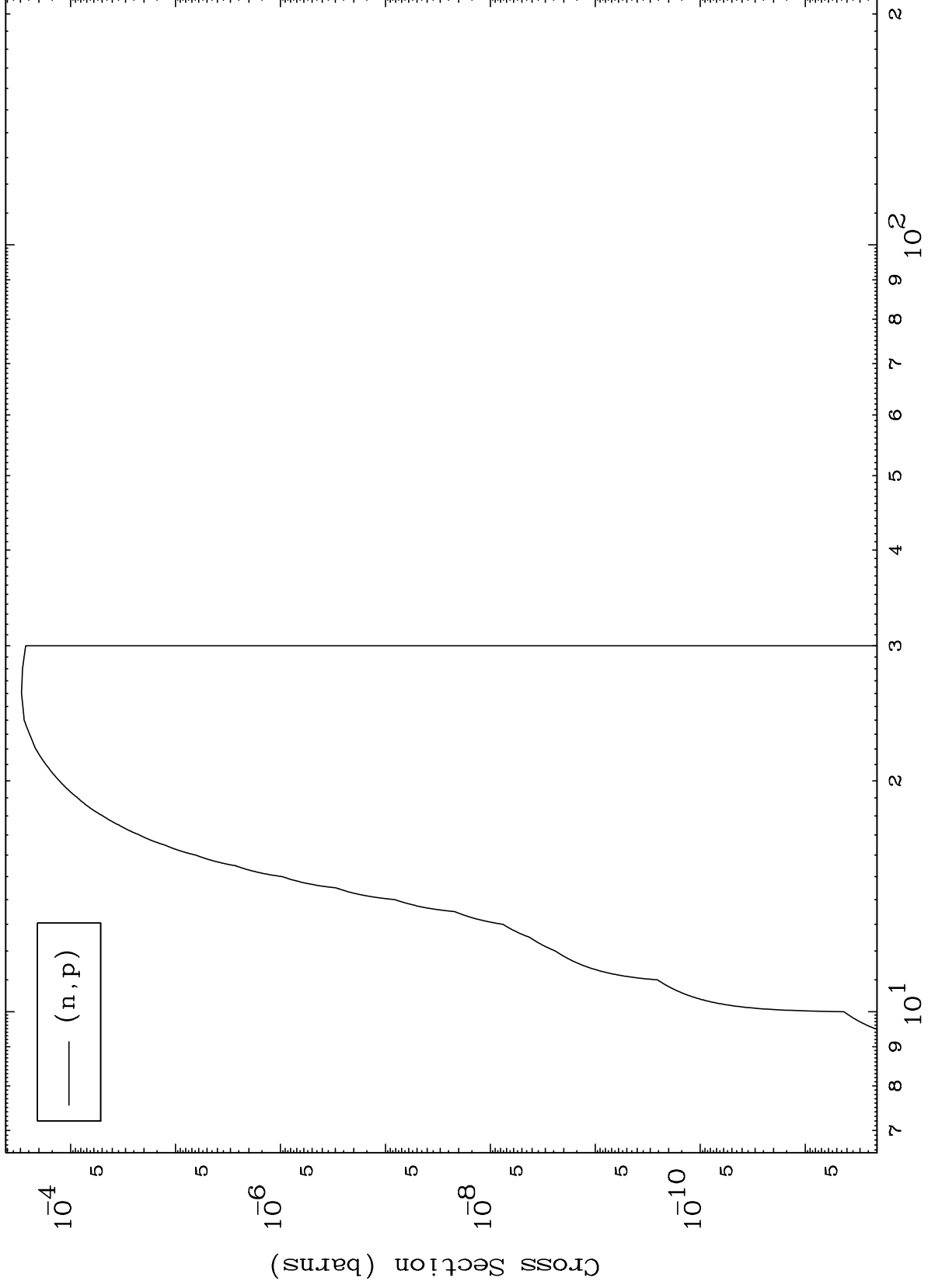
72-Hf-180m

5

MAT 7244

(γ, p) Levels
0 Kelvin Cross Sections

$^{72}\text{Hf}-180\text{m}$



6

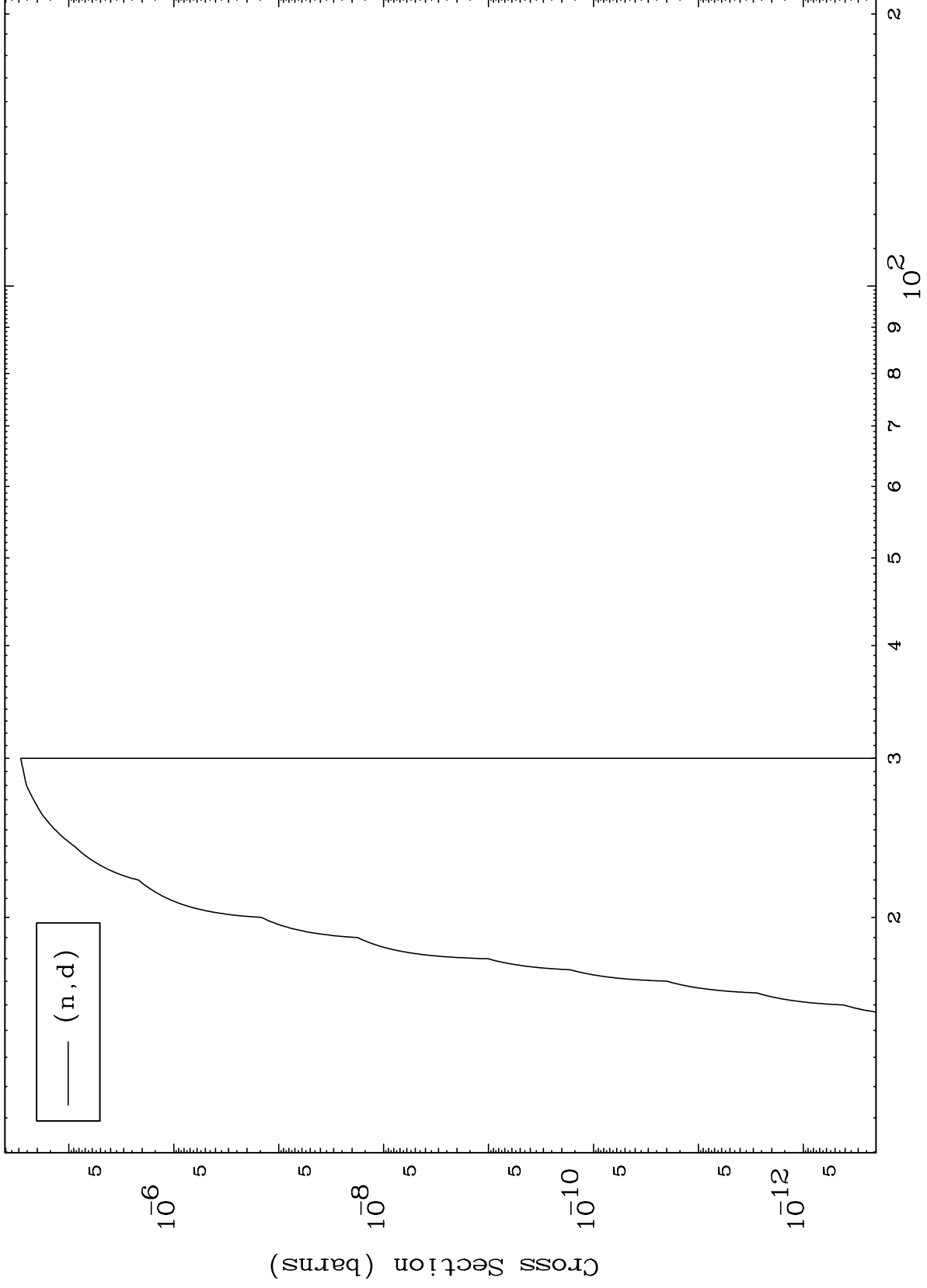
Incident Energy (MeV)

$^{72}\text{Hf}-180\text{m}$

MAT 7244

(γ, d) Levels
0 Kelvin Cross Sections

^{72}Hf -180m

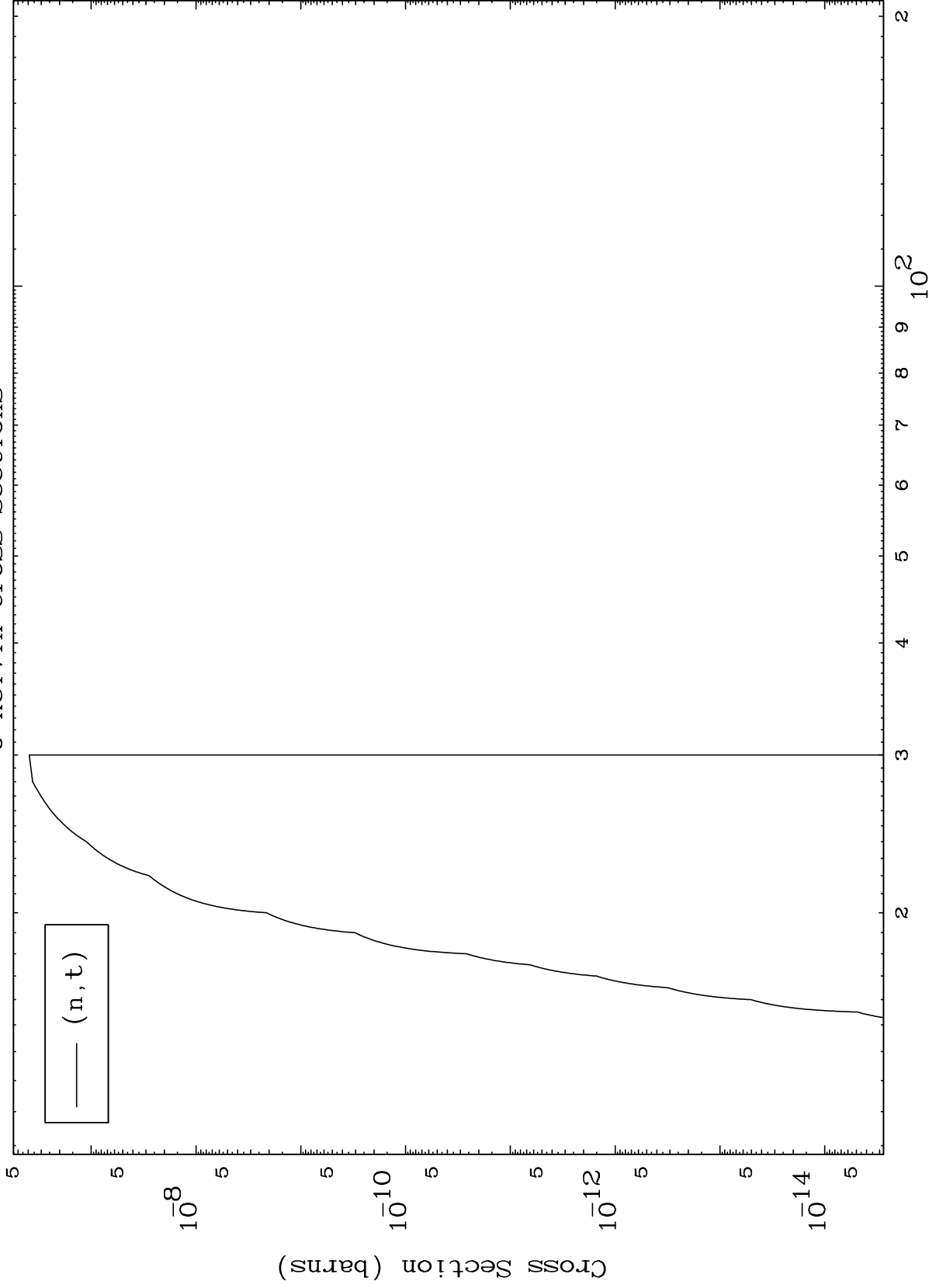


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(γ, t) Levels

^{72}Hf -180m

0 Kelvin Cross Sections

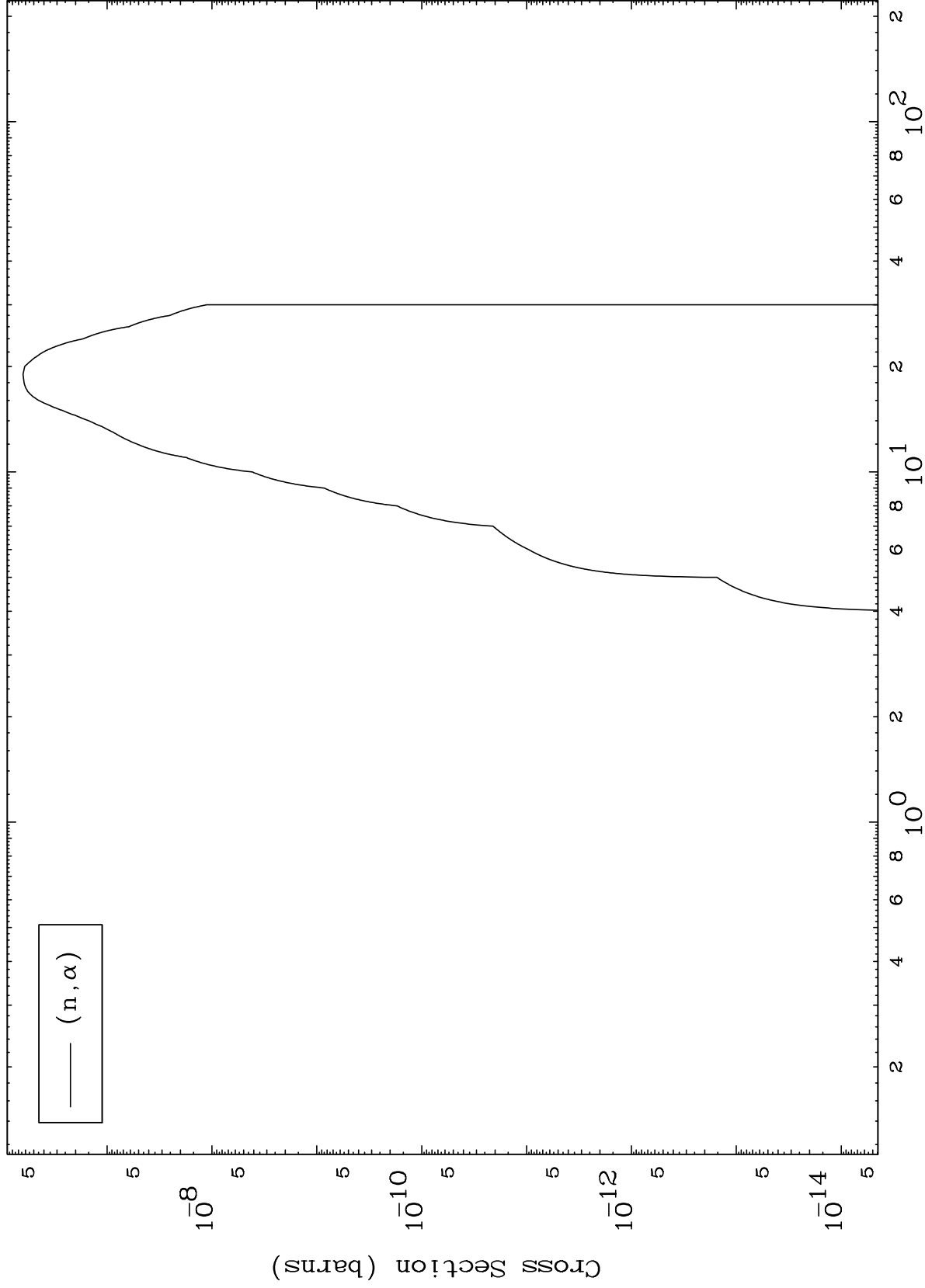


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(γ, α) Levels

72-Hf-180m

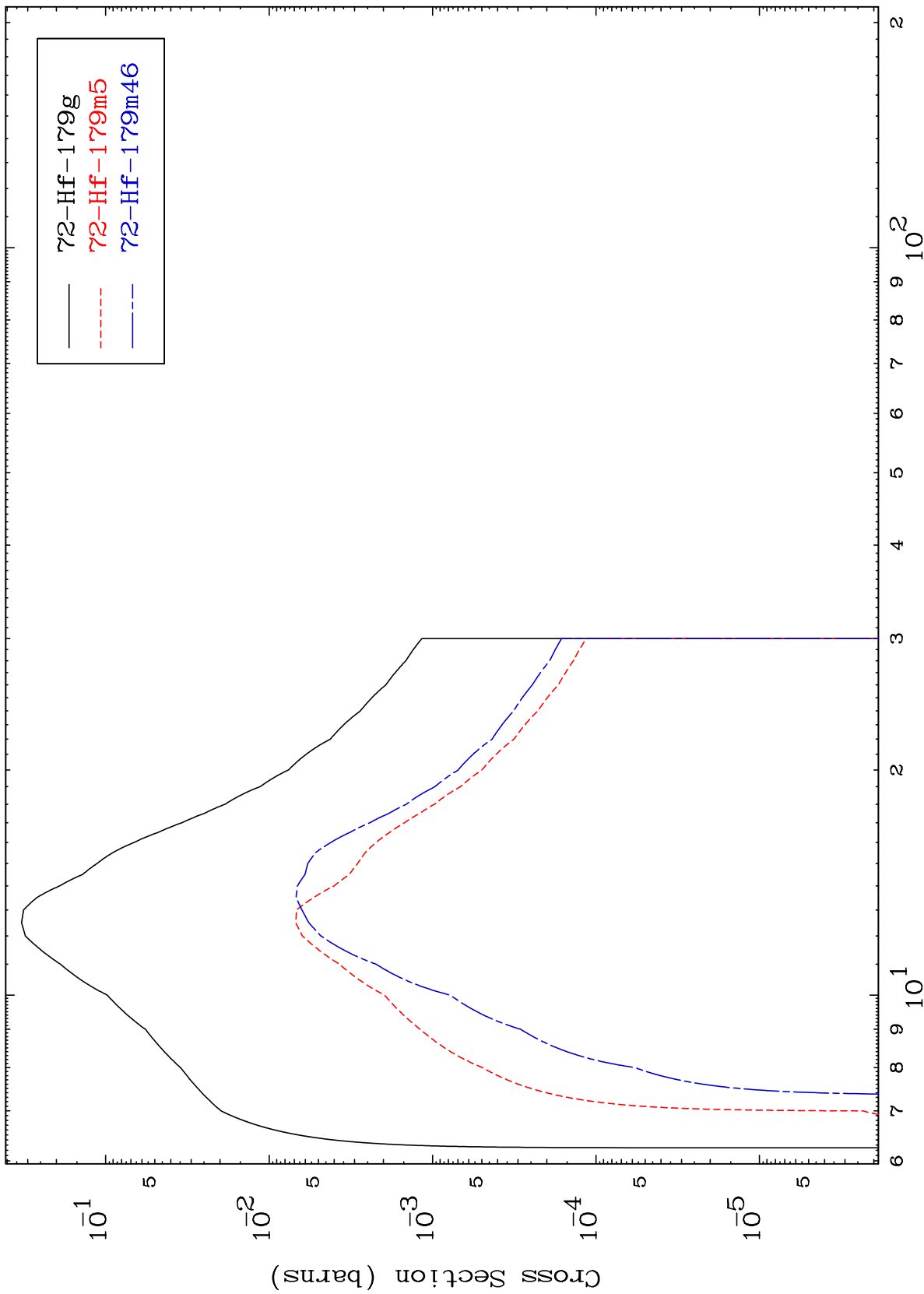
0 Kelvin Cross Sections



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Inelastic
Radionuclide Production Cross Section

⁷²Hf-180m



10

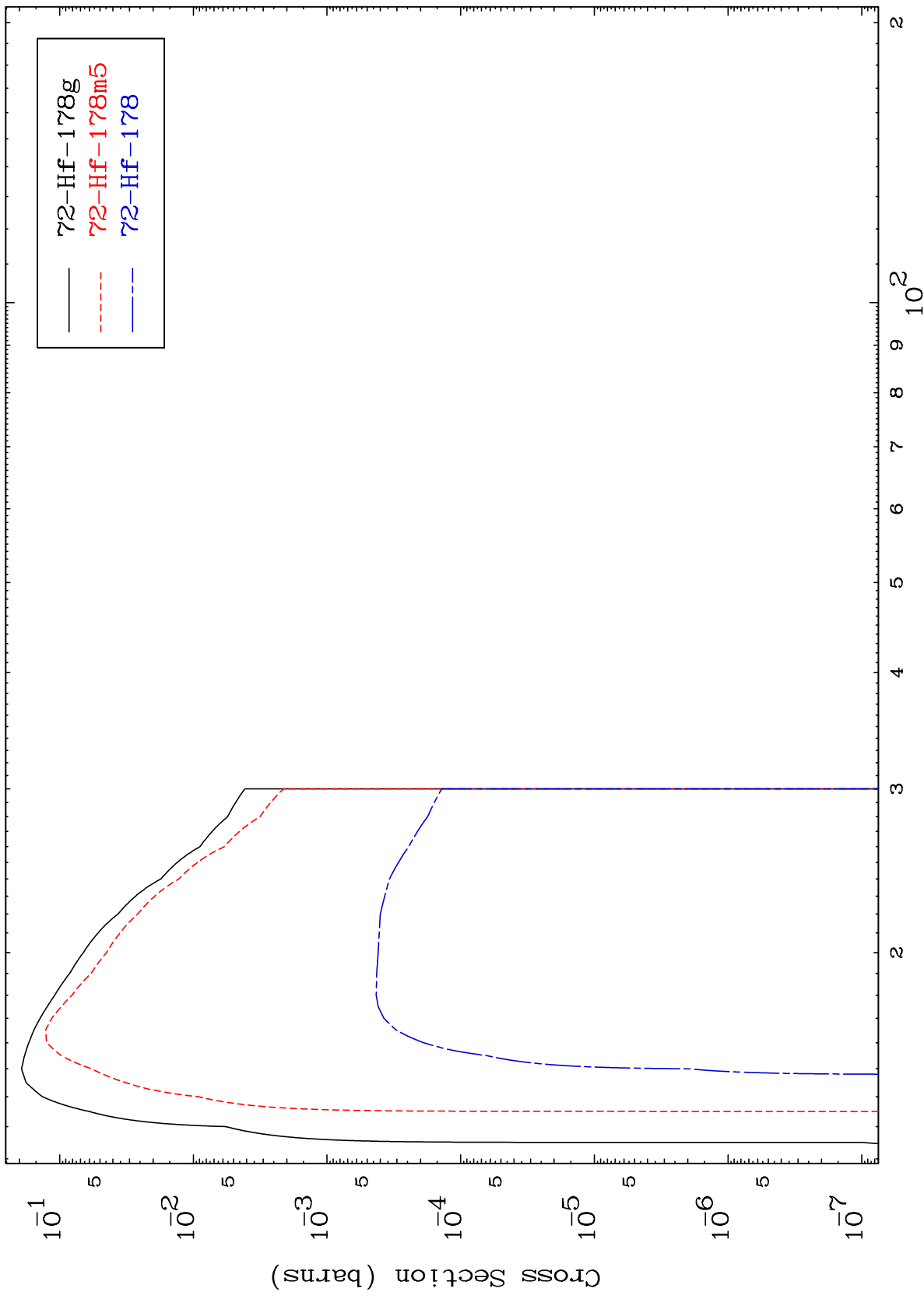
Incident Energy (MeV)

⁷²Hf-180m

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⁷²Hf-180m

(n,2n)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

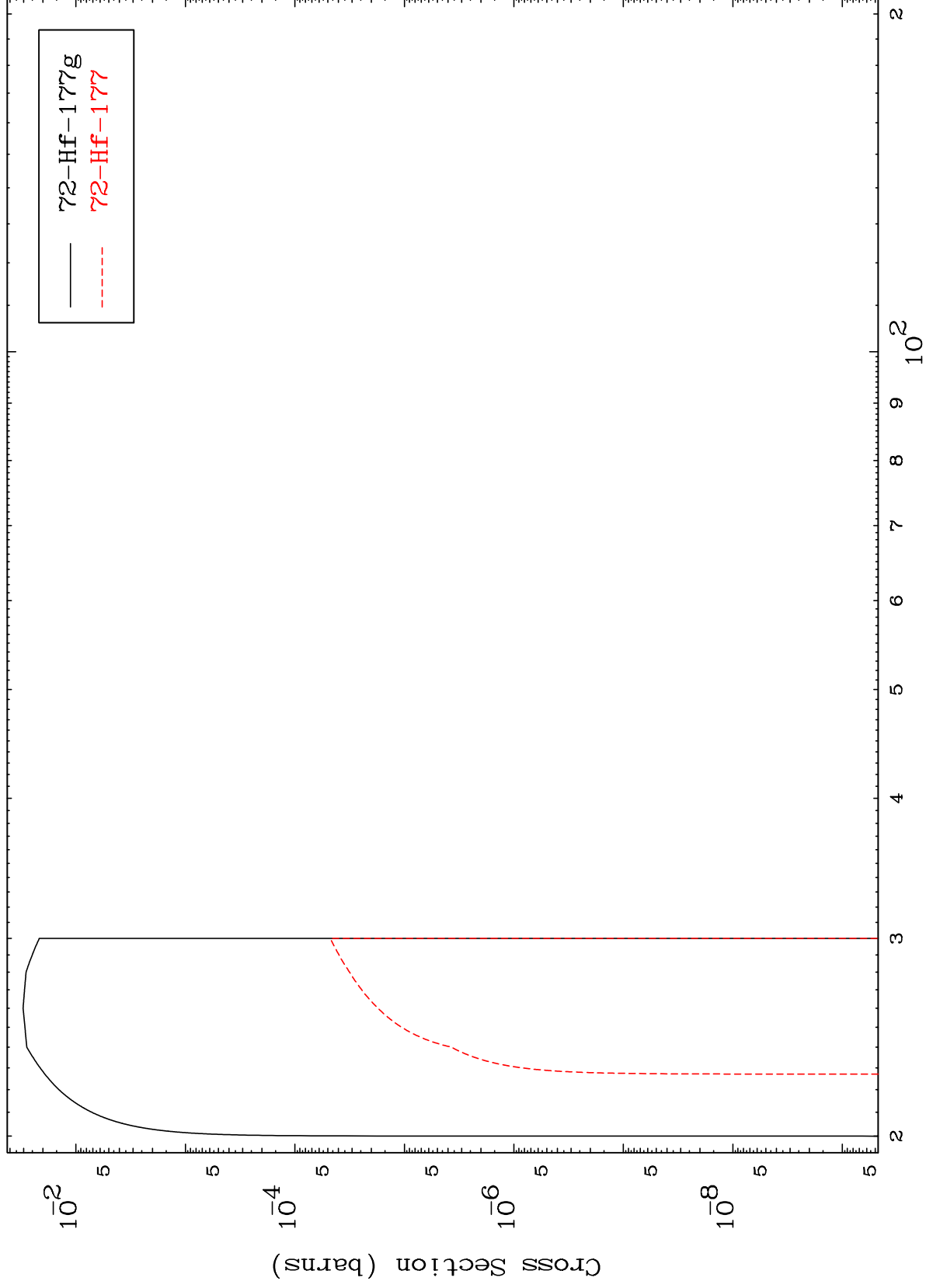
⁷²Hf-180m

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72-Hf-180m

(n,3n)

Radionuclide Production Cross Section



72-Hf-180m

Incident Energy (MeV)

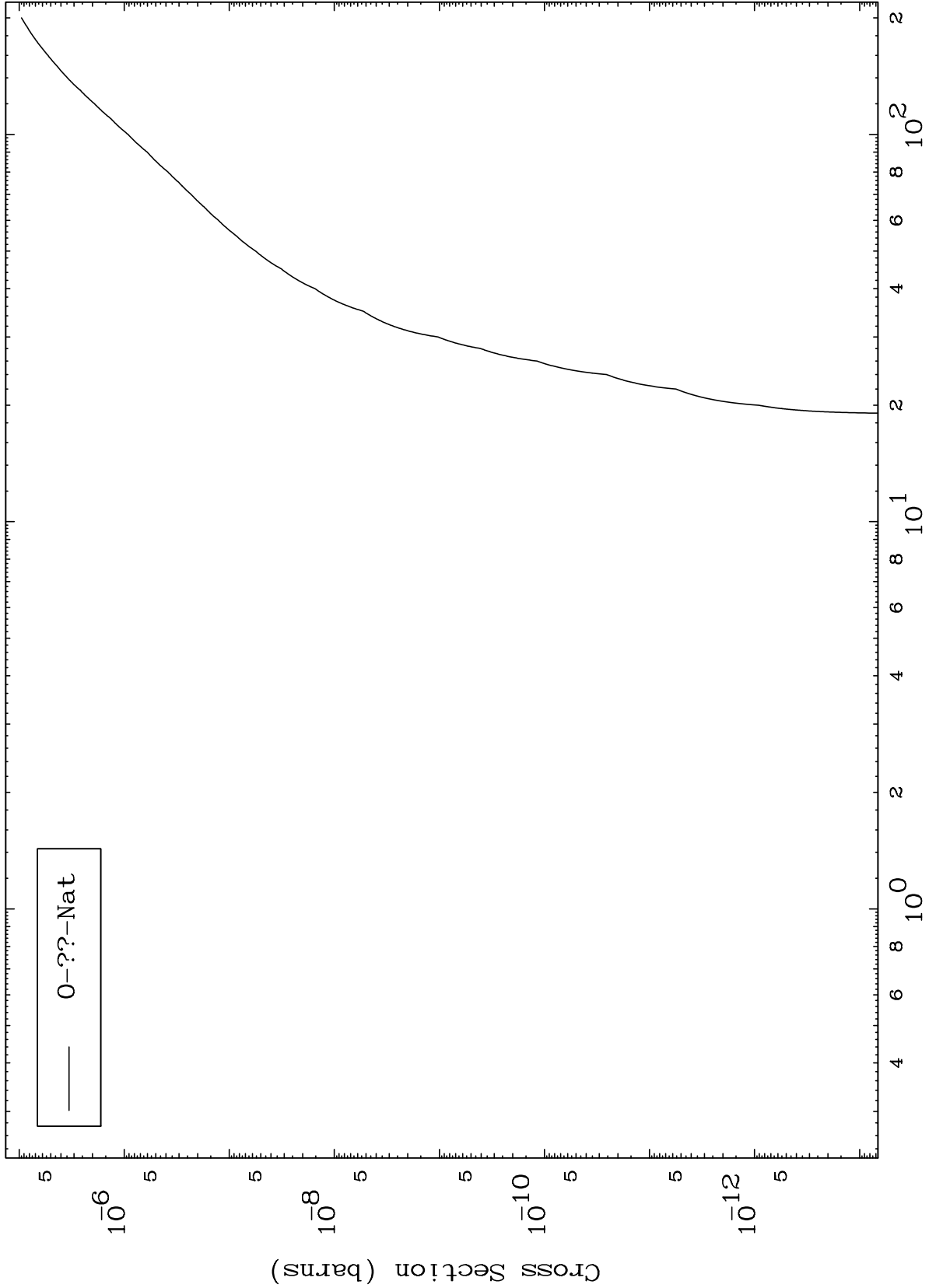
12

MAT 7244

Fission

⁷²Hf-180m

Radionuclide Production Cross Section

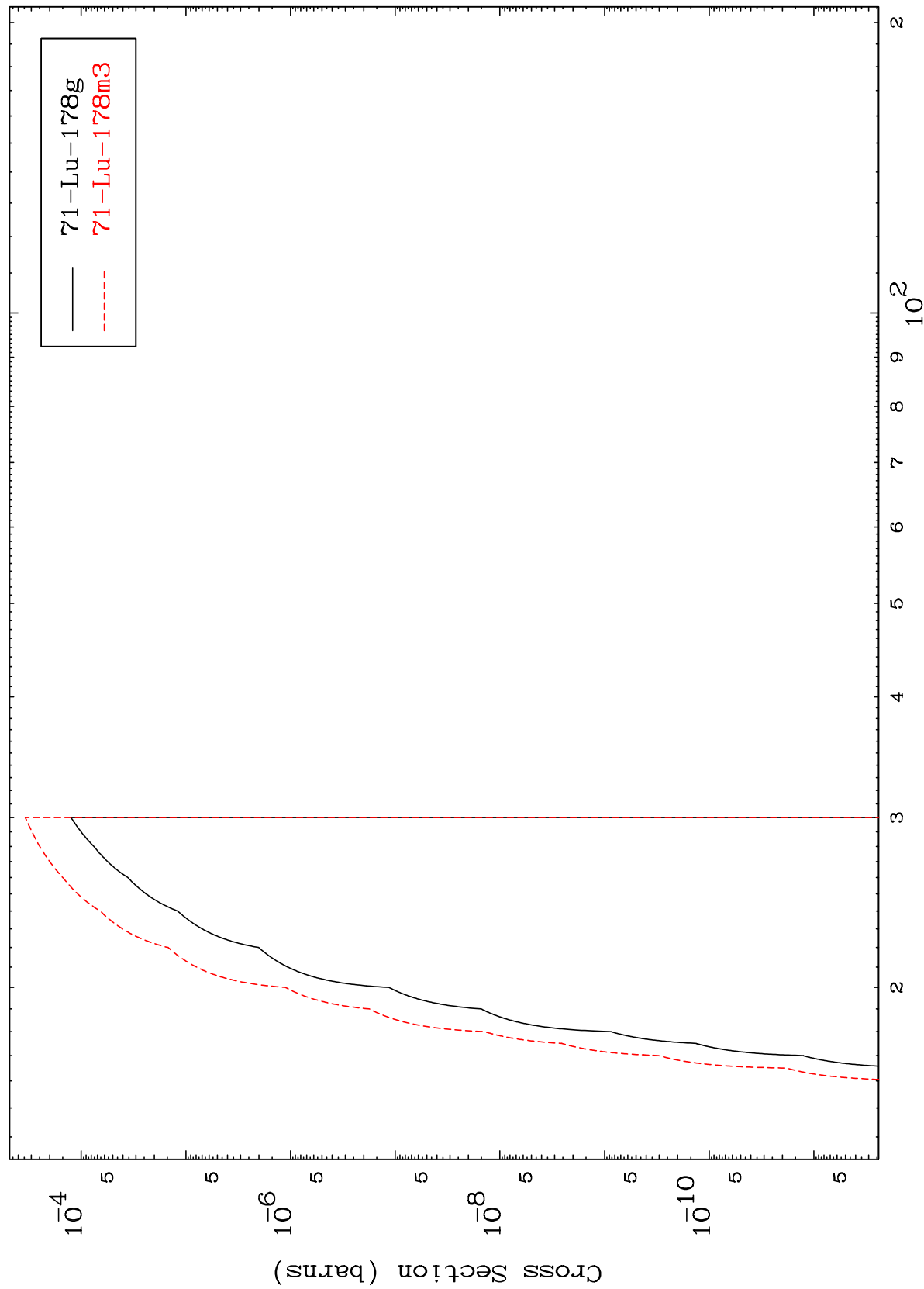


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(n,n') p

72-Hf-180m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

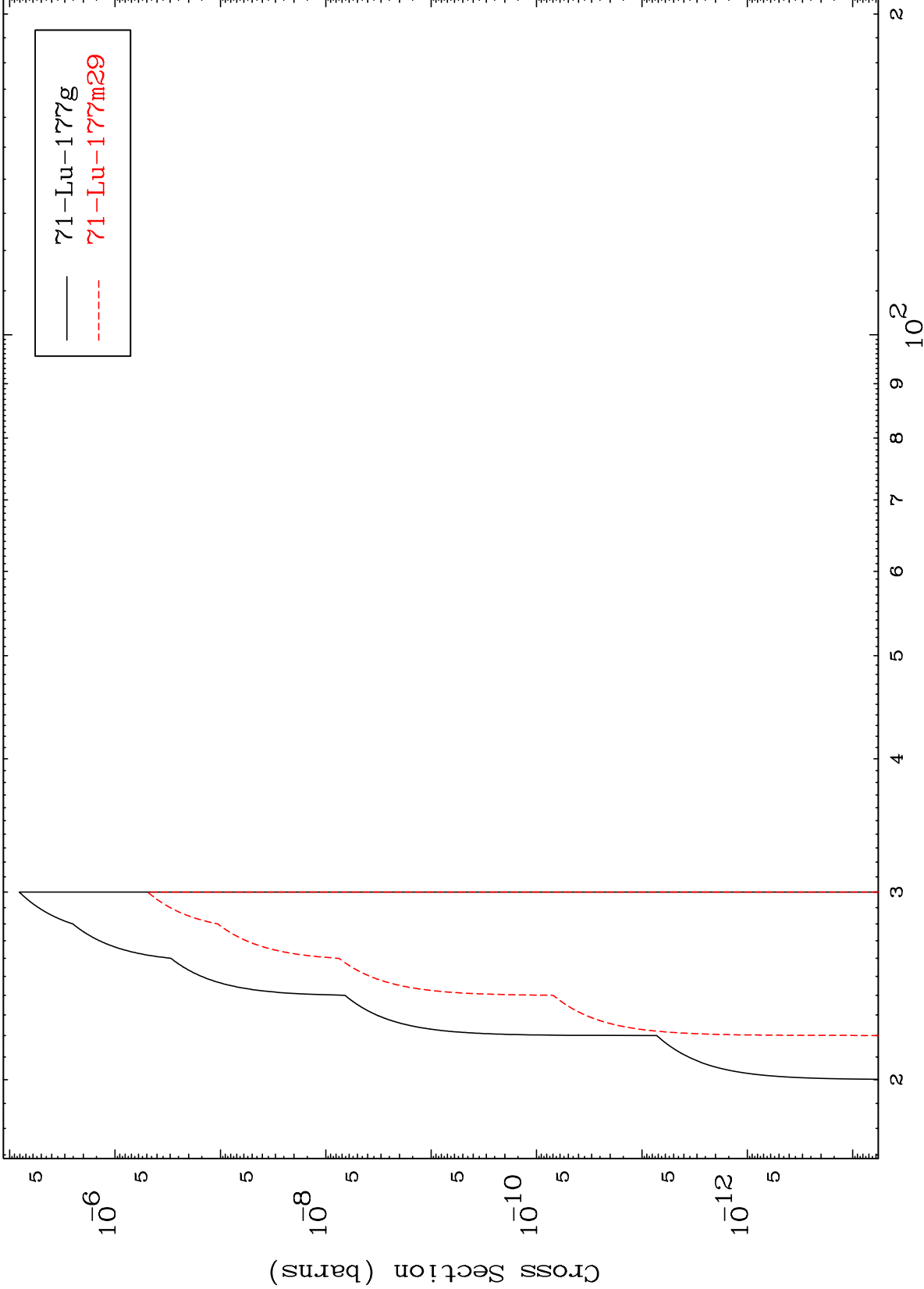
72-Hf-180m

MAT 7244

(n,n') d

⁷²Hf-180m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

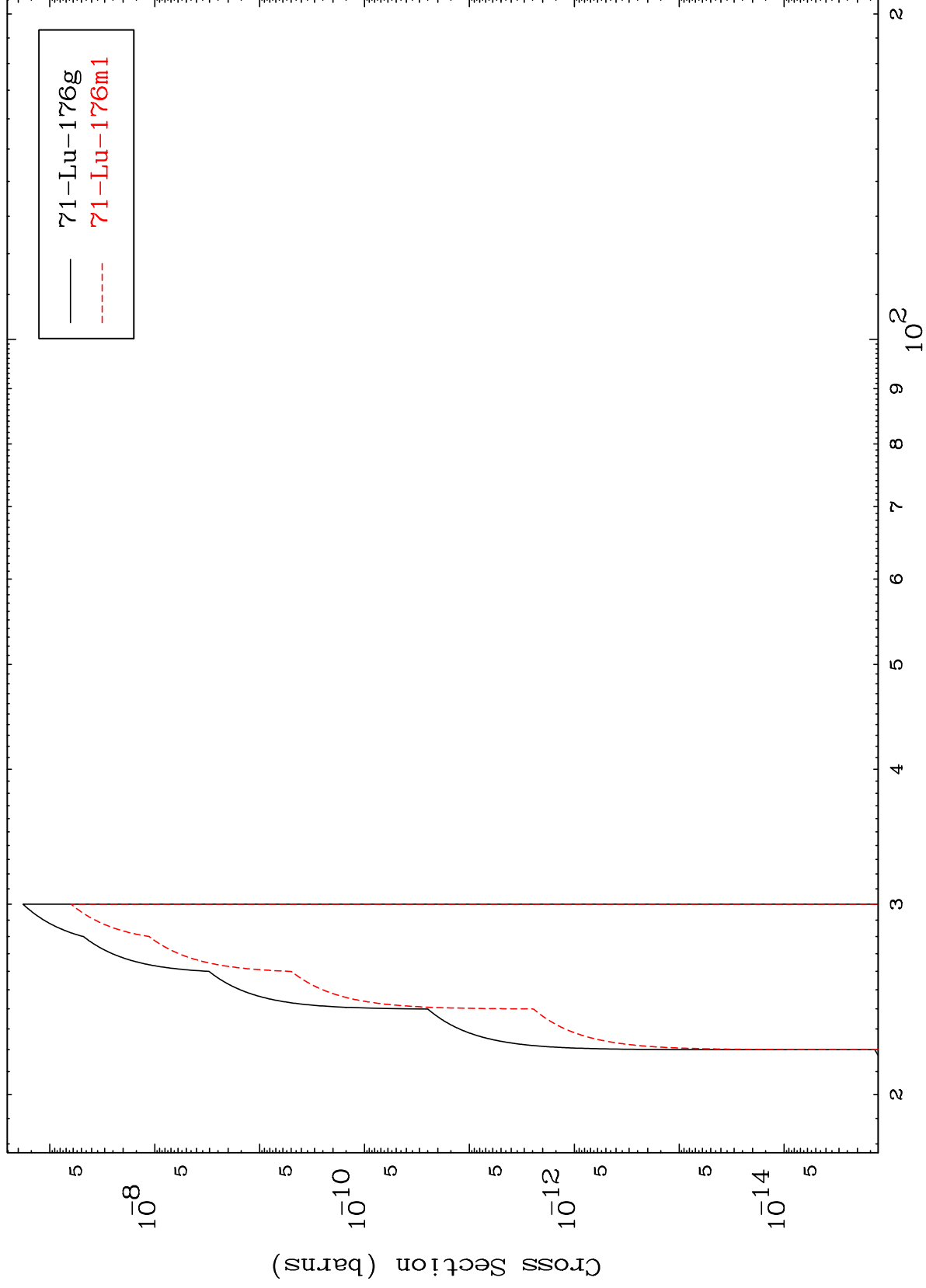
⁷²Hf-180m

MAT 7244

(n,n') t

72-Hf-180m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

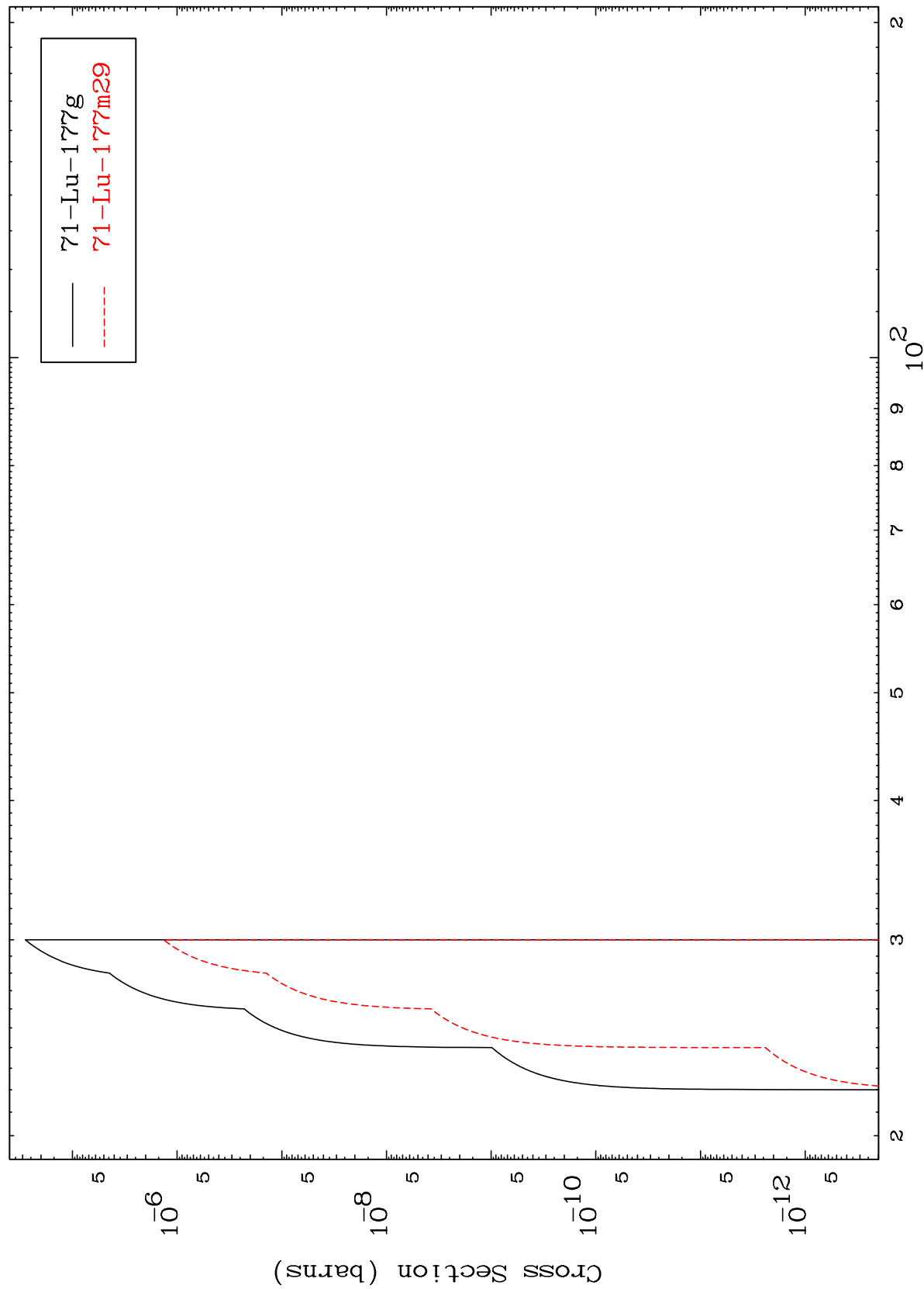
72-Hf-180m

MAT 7244

(n,2n) p

⁷²Hf-180m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

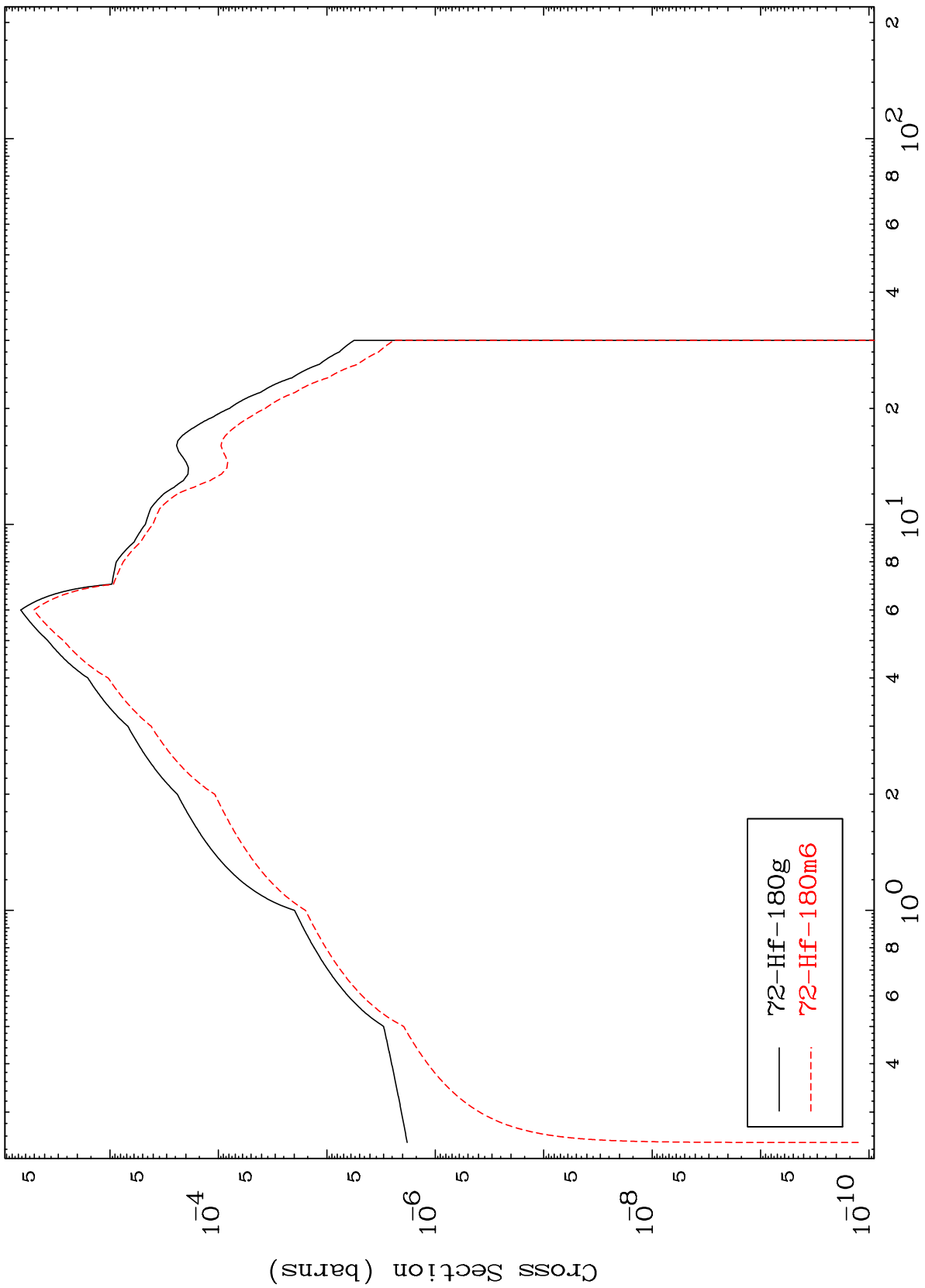
⁷²Hf-180m

MAT 7244

⁷²Hf-180m

Radionuclide Production Cross Section

(n, γ)



18

Incident Energy (MeV)

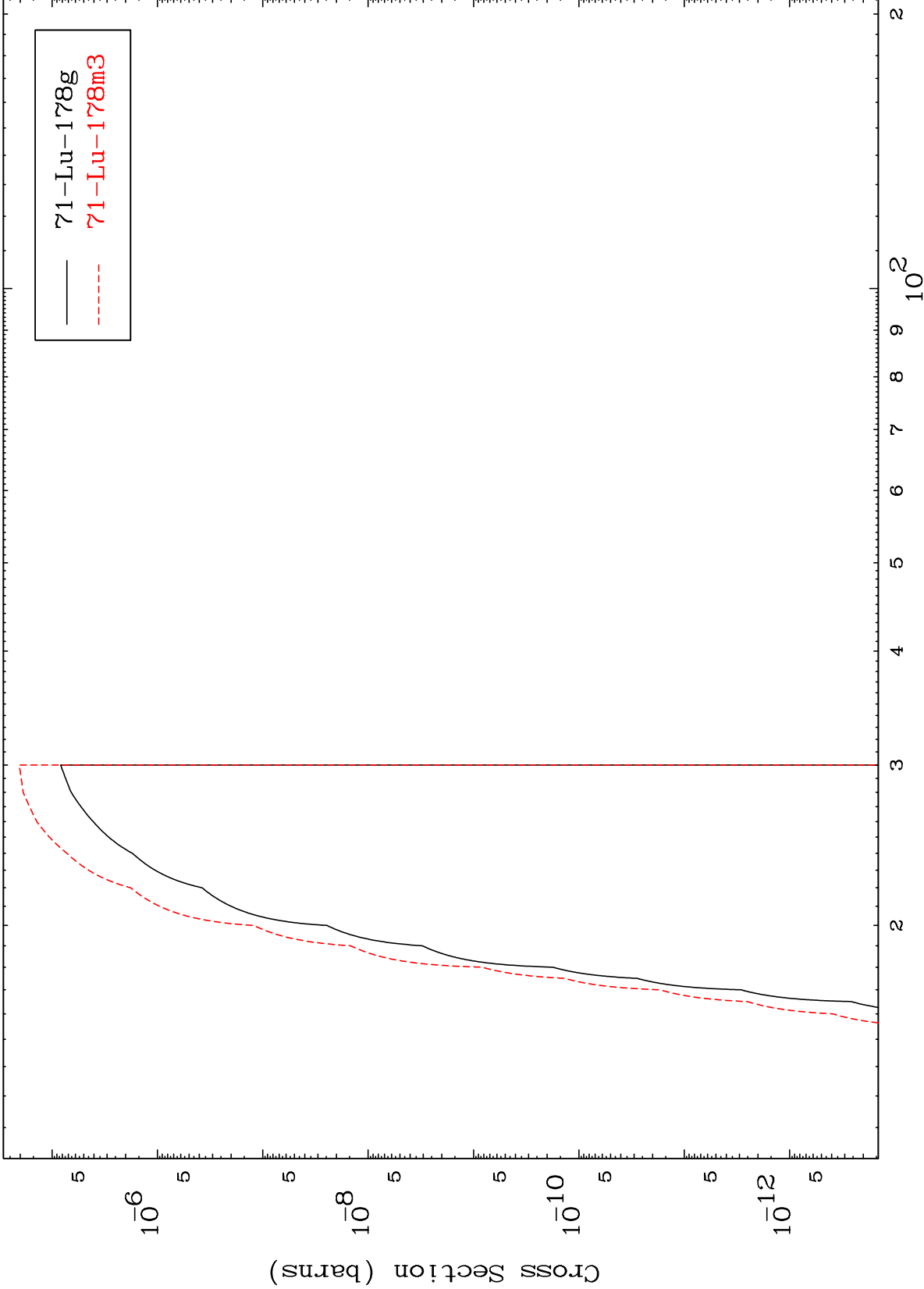
⁷²Hf-180m

MAT 7244

(n,d)

⁷²Hf-180m

Radionuclide Production Cross Section



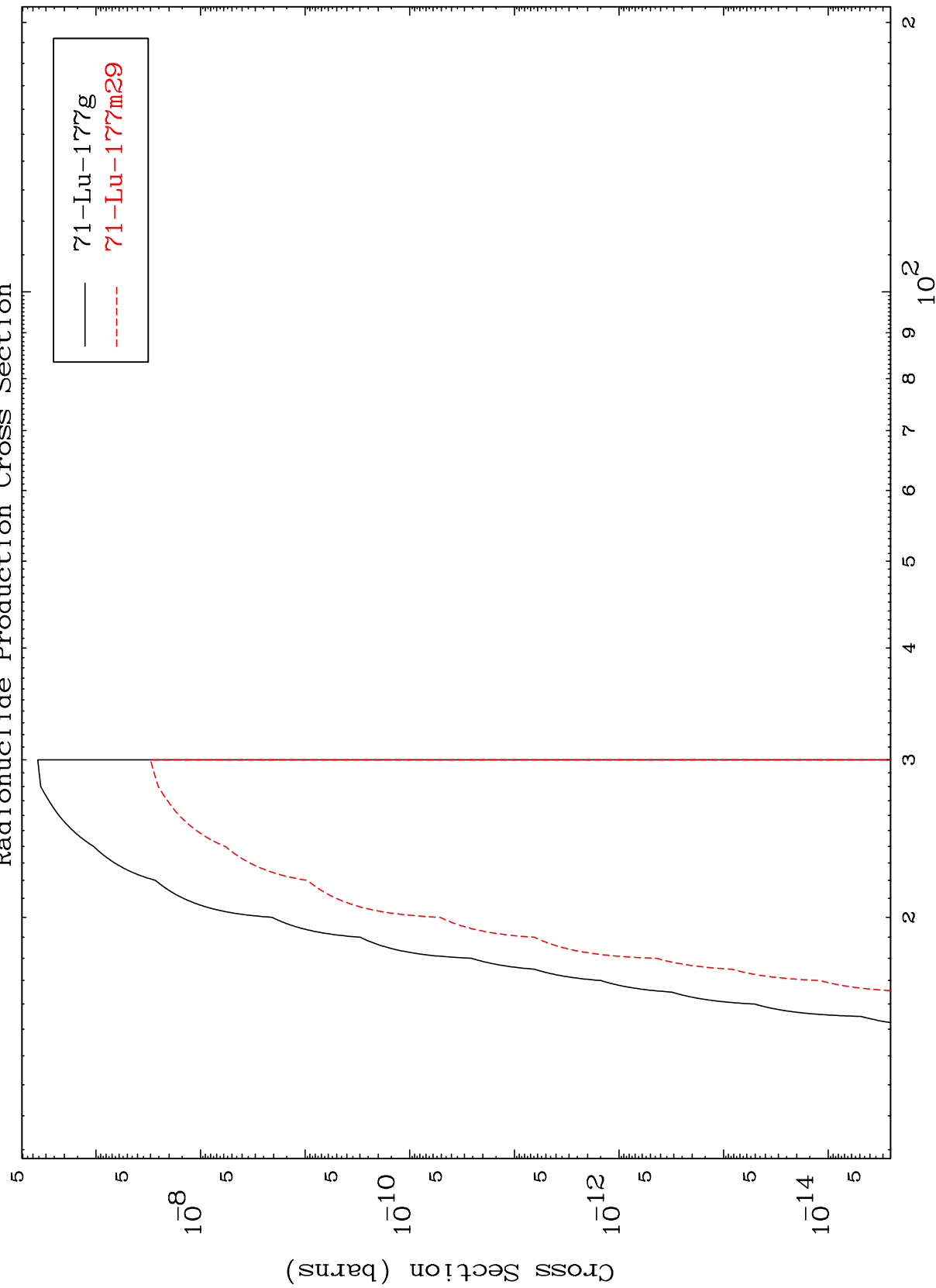
⁷¹Lu-178g
⁷¹Lu-178m3

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(n, t)

72-Hf-180m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

72-Hf-180m

MAT 7244

72-Hf-180m

