

Program EVALPLOT
(Version 2021-1)

by

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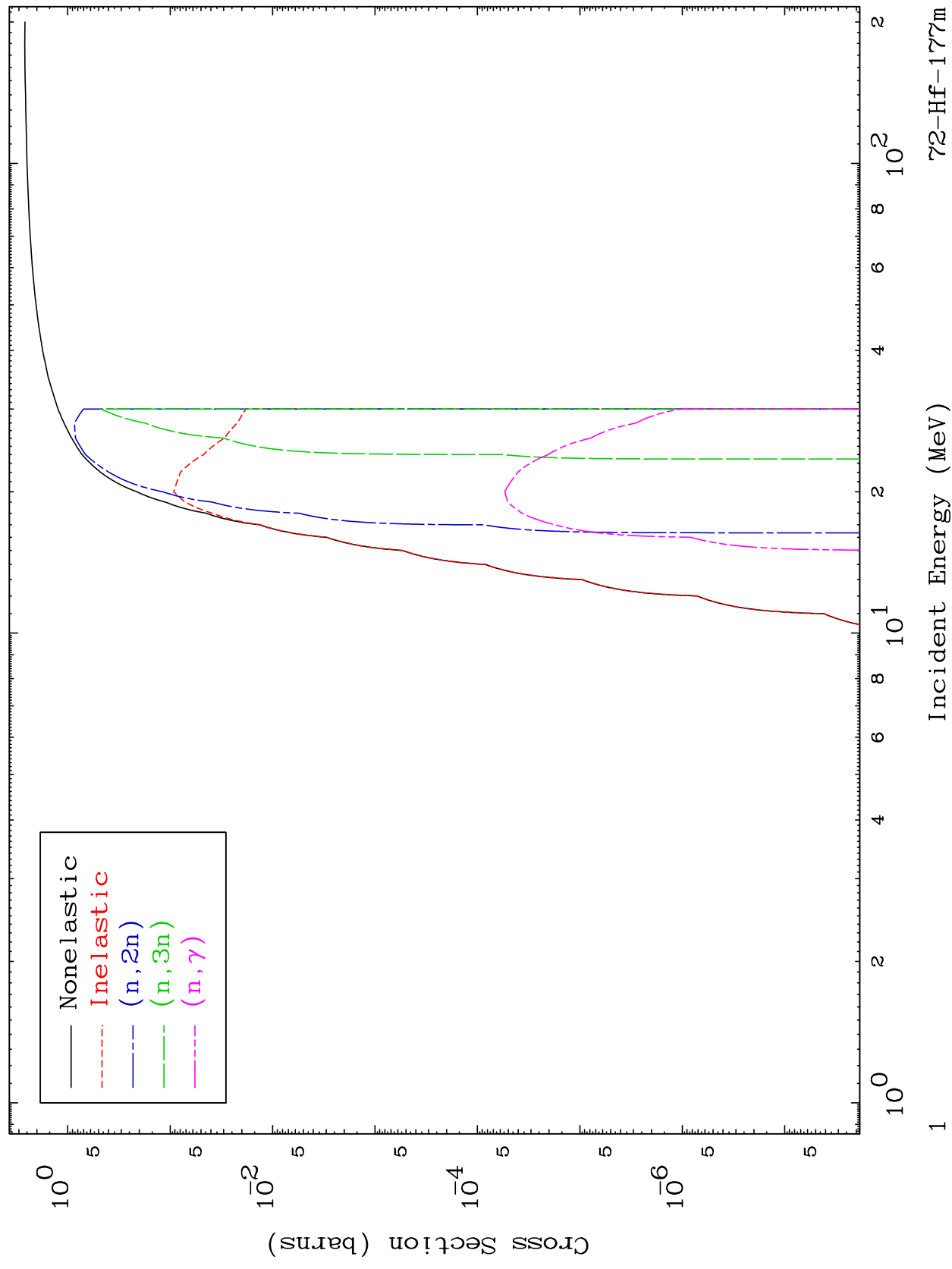
Press Mouse Button to Start

MAT 7235

0 Kelvin

Major Cross Sections

⁷²Hf-177m



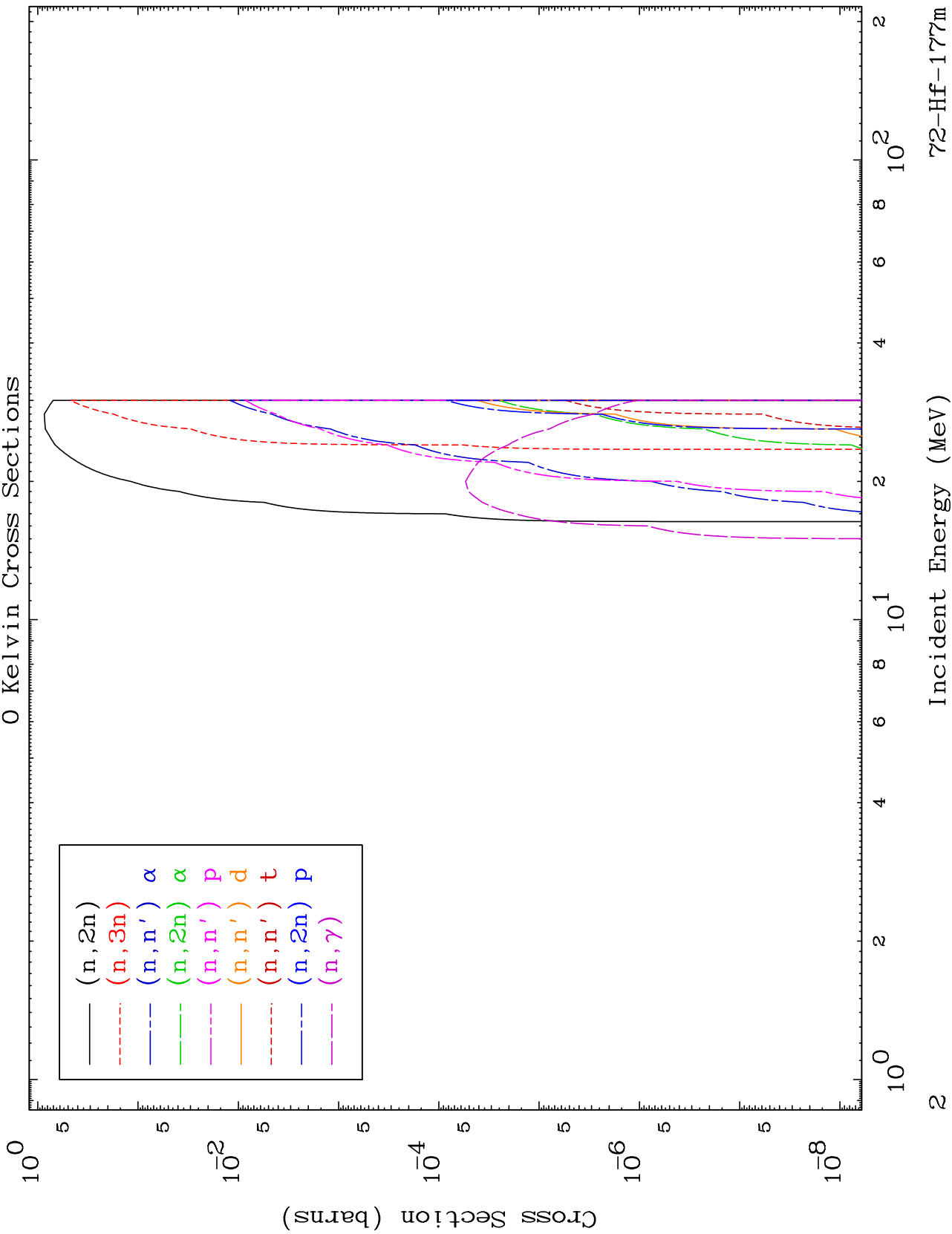
⁷²Hf-177m

Incident Energy (MeV)

MAT 7235

α Neutron Absorption
0 Kelvin Cross Sections

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



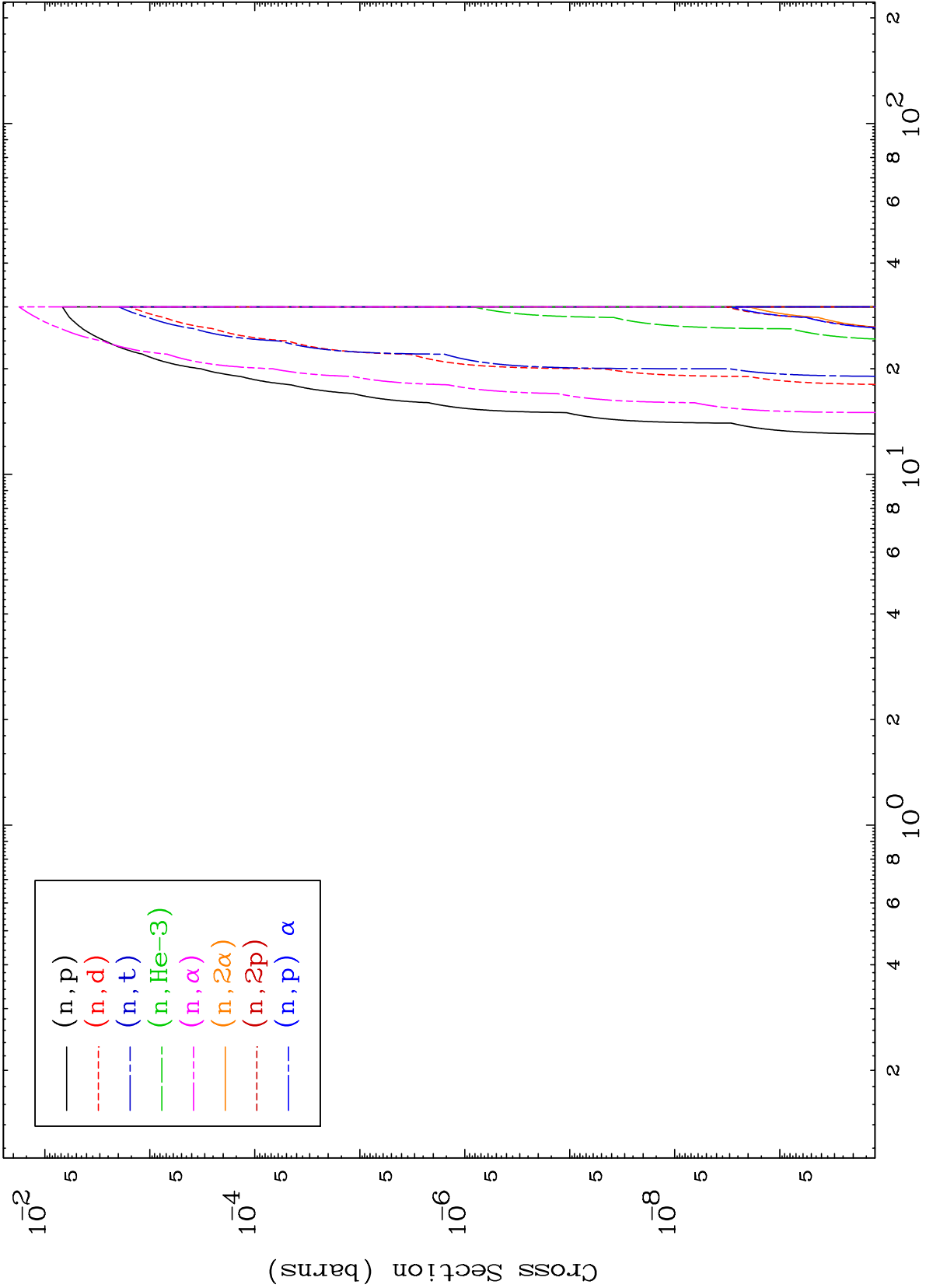
Incident Energy (MeV)

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

MAT 7235

α Neutron Absorption
0 Kelvin Cross Sections

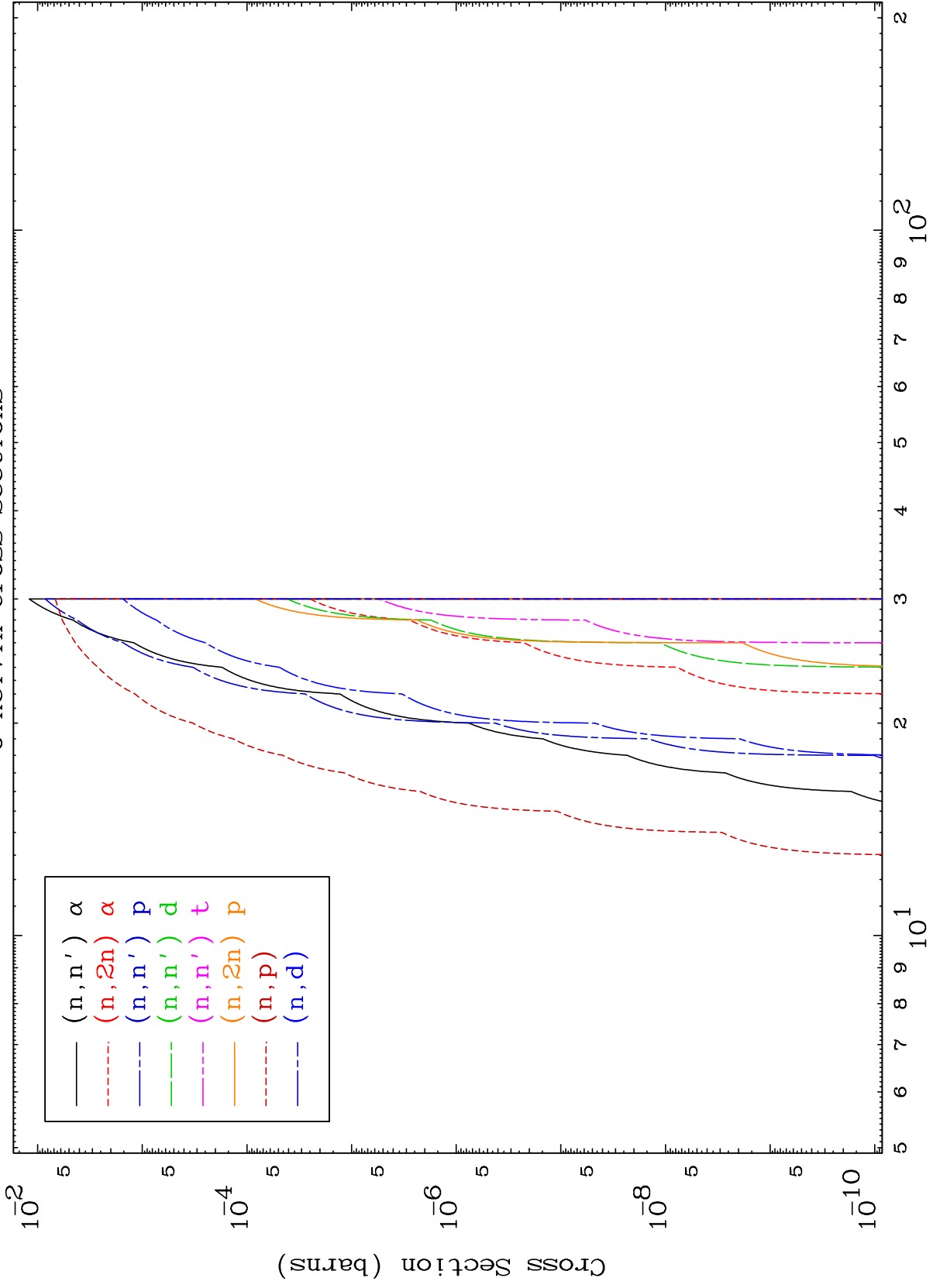
72-Hf-177m



MAT 7235

α Charged Particle
0 Kelvin Cross Sections

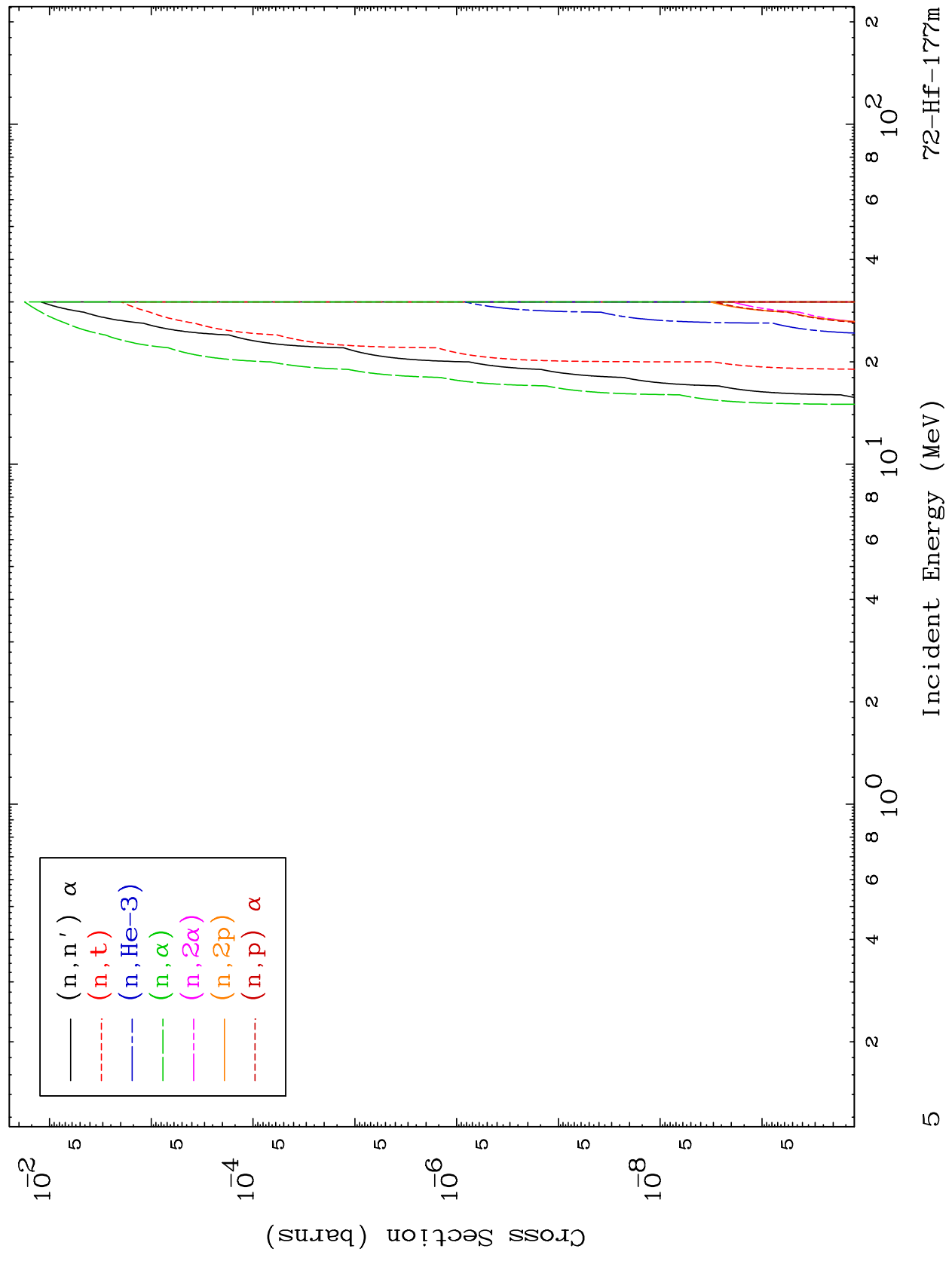
72-Hf-177m



MAT 7235

α Charged Particle
0 Kelvin Cross Sections

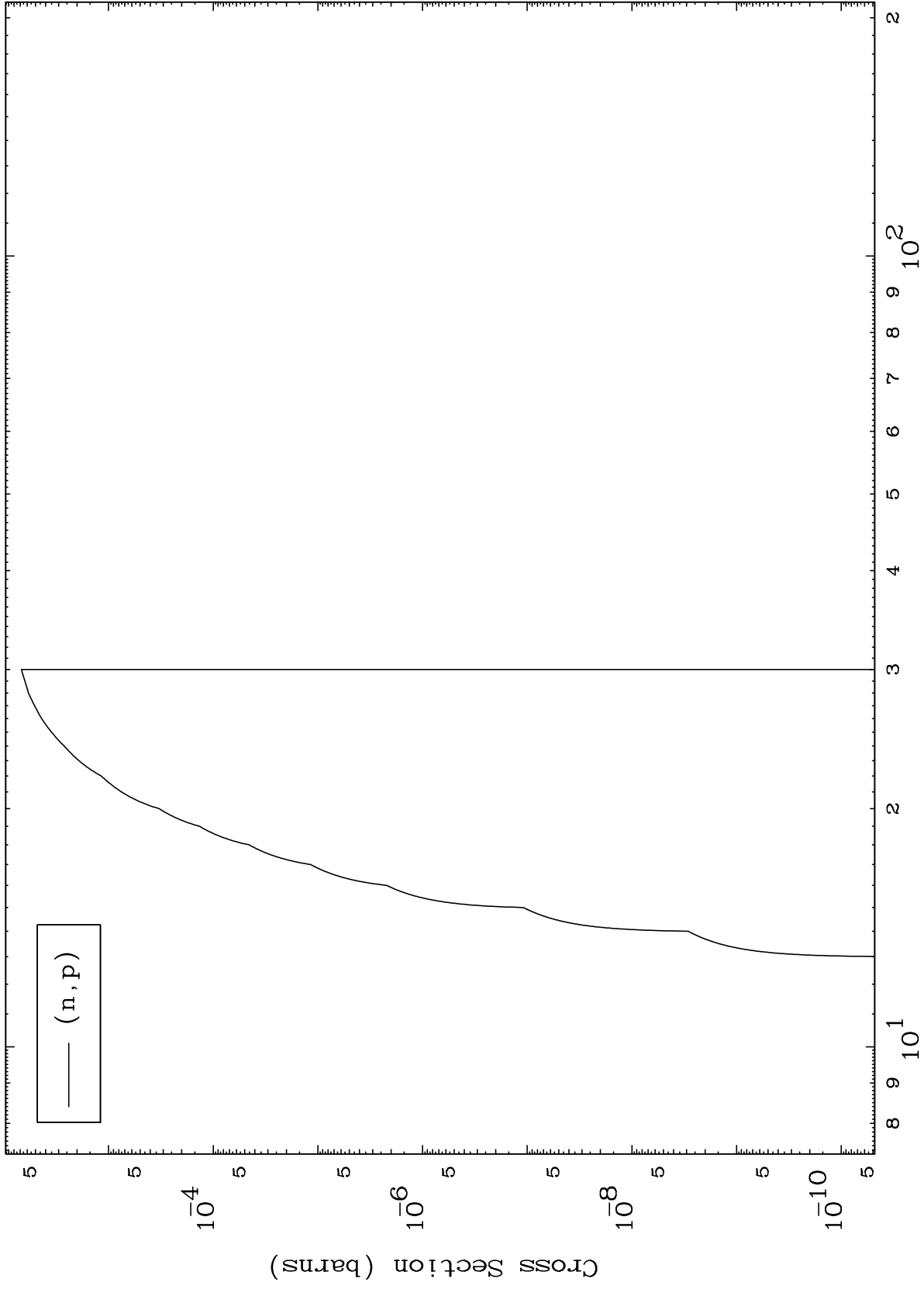
72-Hf-177m



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(α, p) Levels
0 Kelvin Cross Sections

72-Hf-177m



6

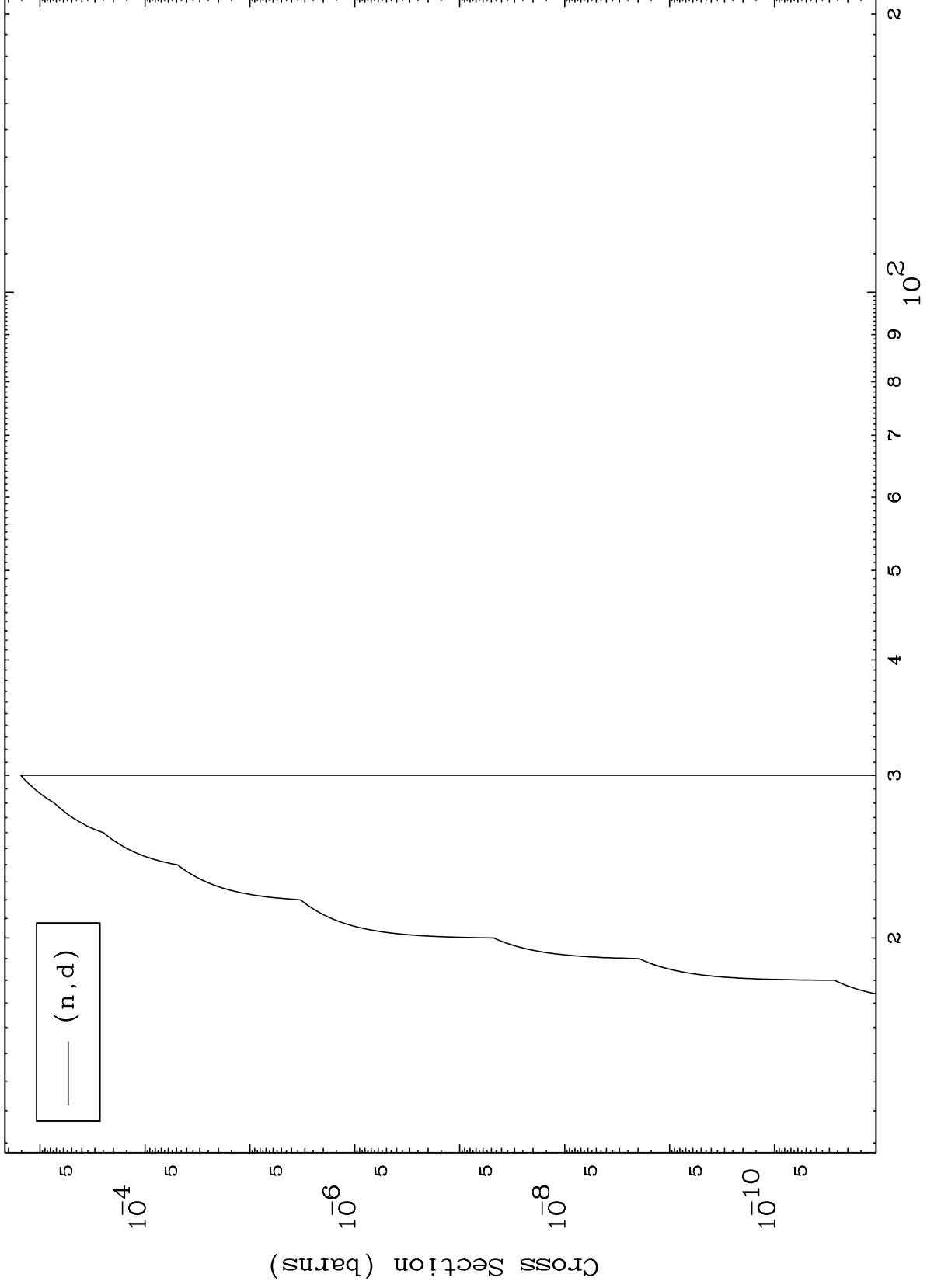
Incident Energy (MeV)

72-Hf-177m

MAT 7235

(α, d) Levels
0 Kelvin Cross Sections

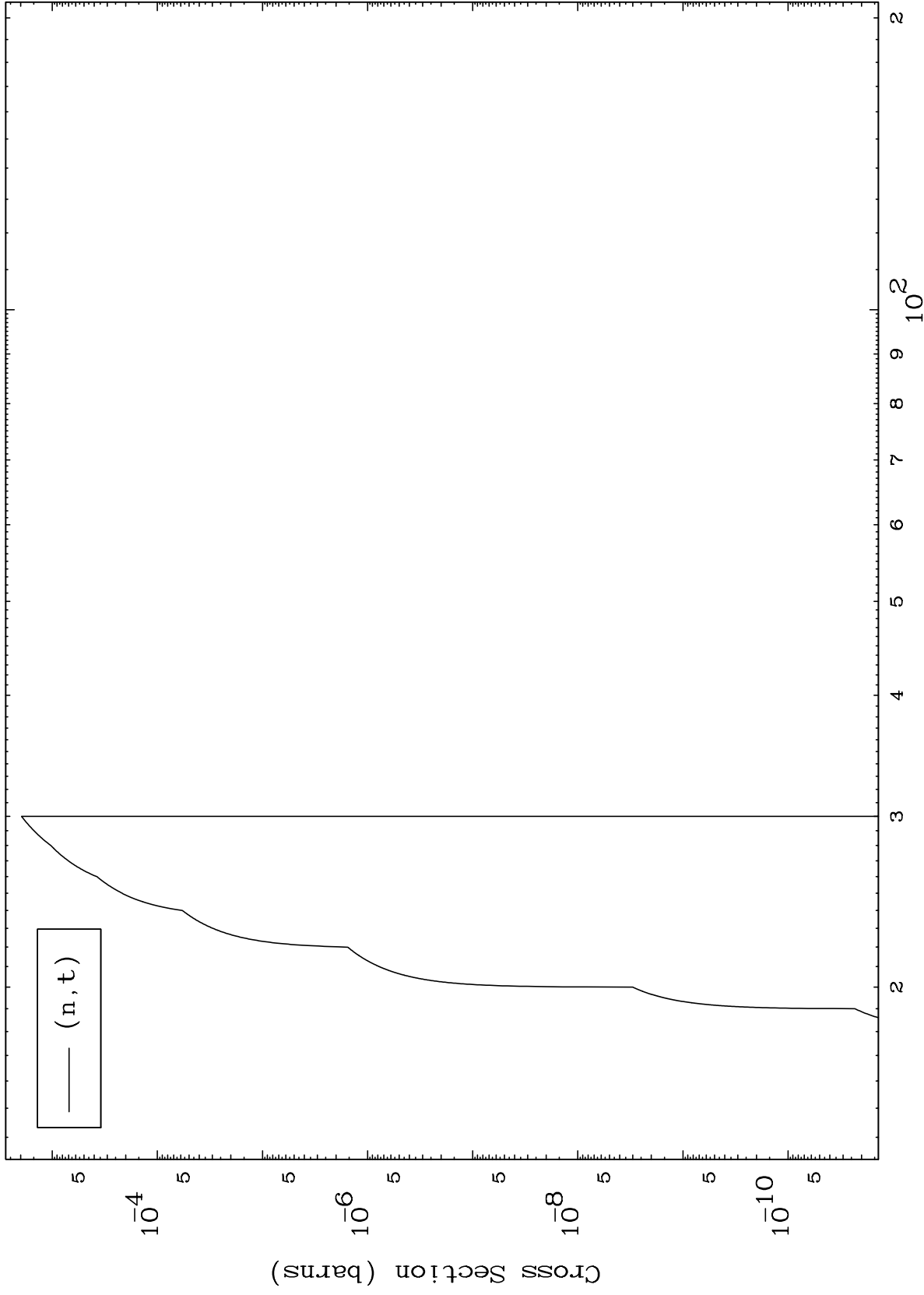
$^{72}\text{Hf}-177\text{m}$



MAT 7235

(α, t) Levels
0 Kelvin Cross Sections

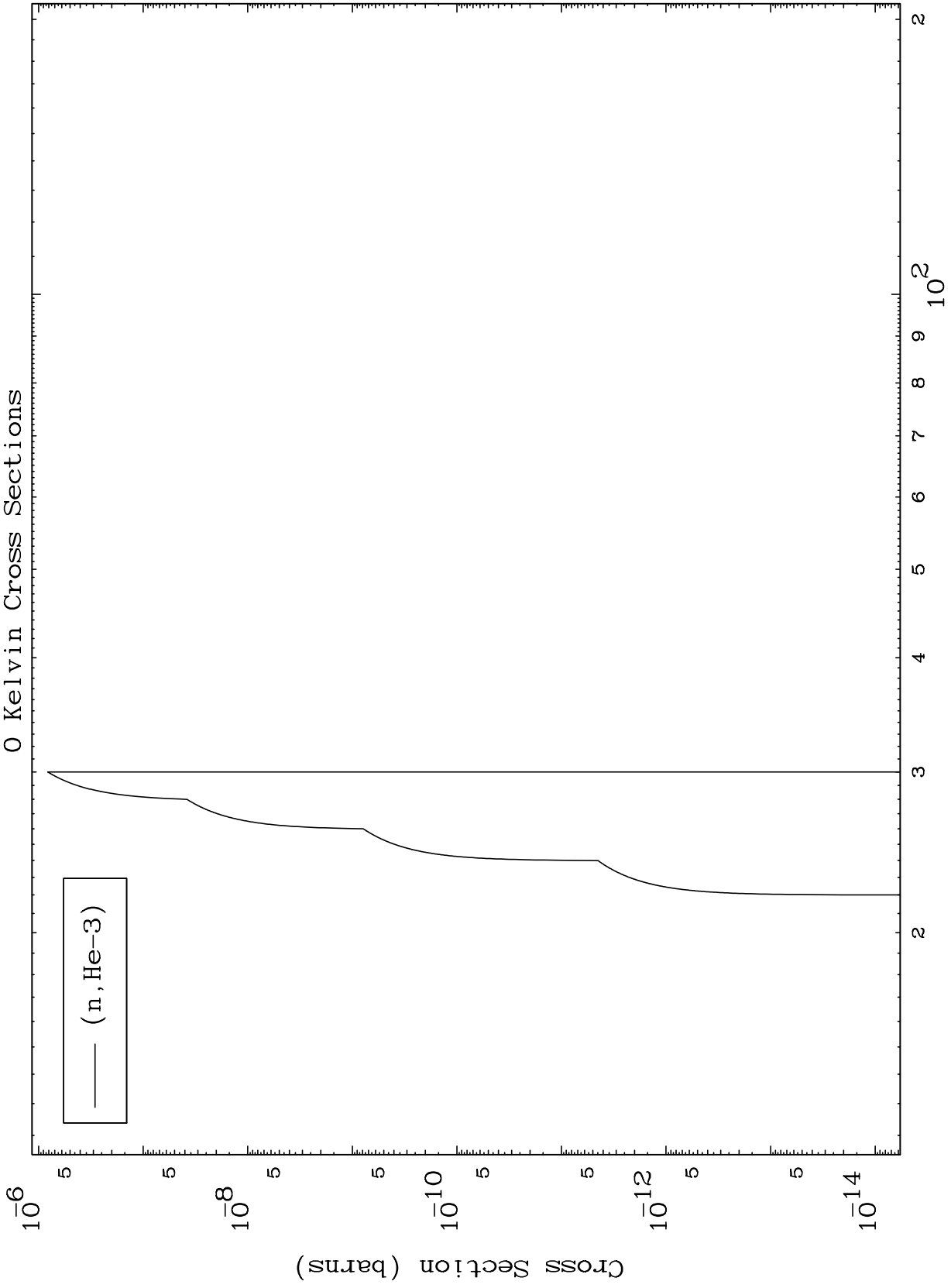
⁷²Hf-177m



MAT 7235

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

72-Hf-177m

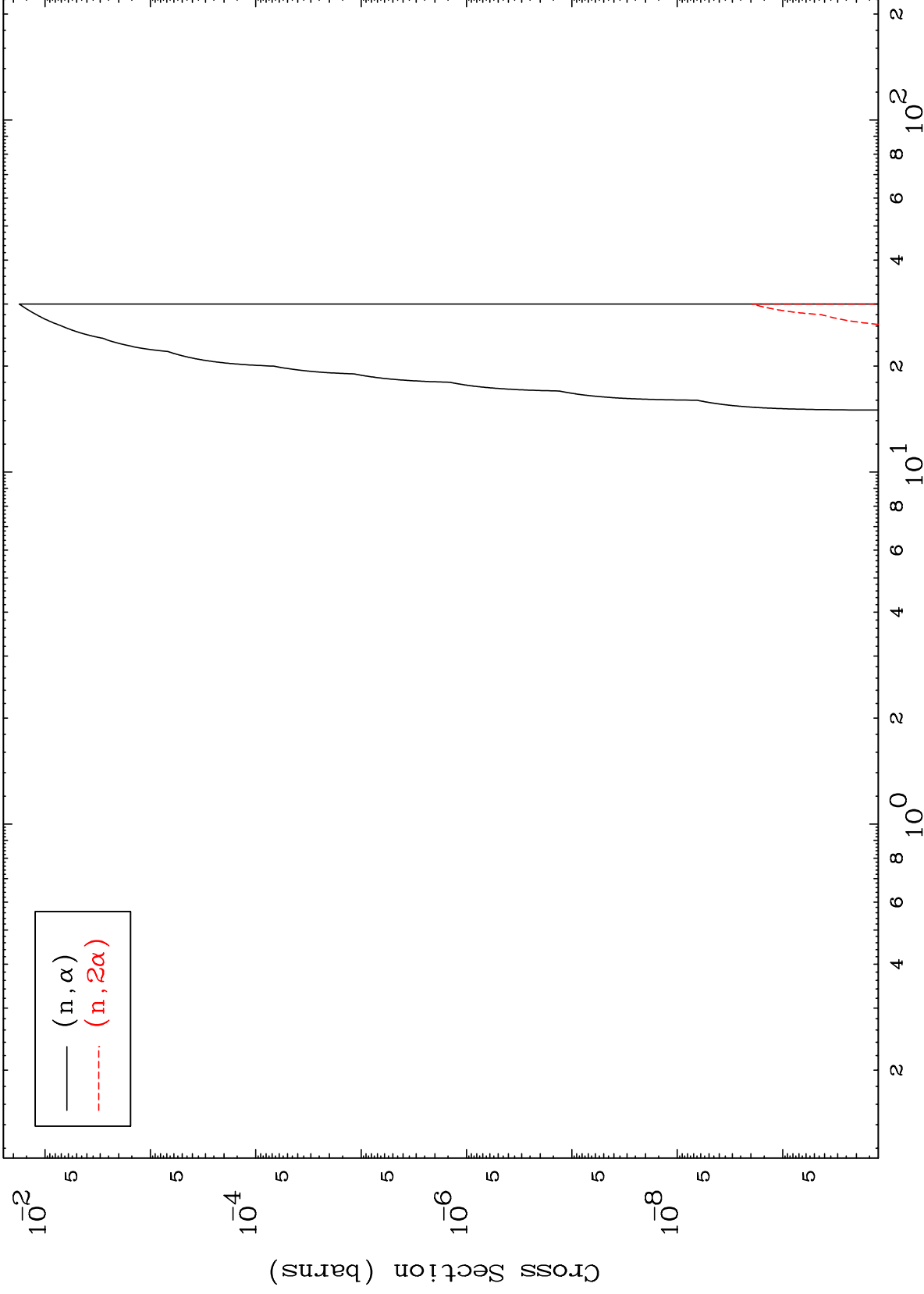


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(α, α) Levels

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

0 Kelvin Cross Sections



10

Incident Energy (MeV)

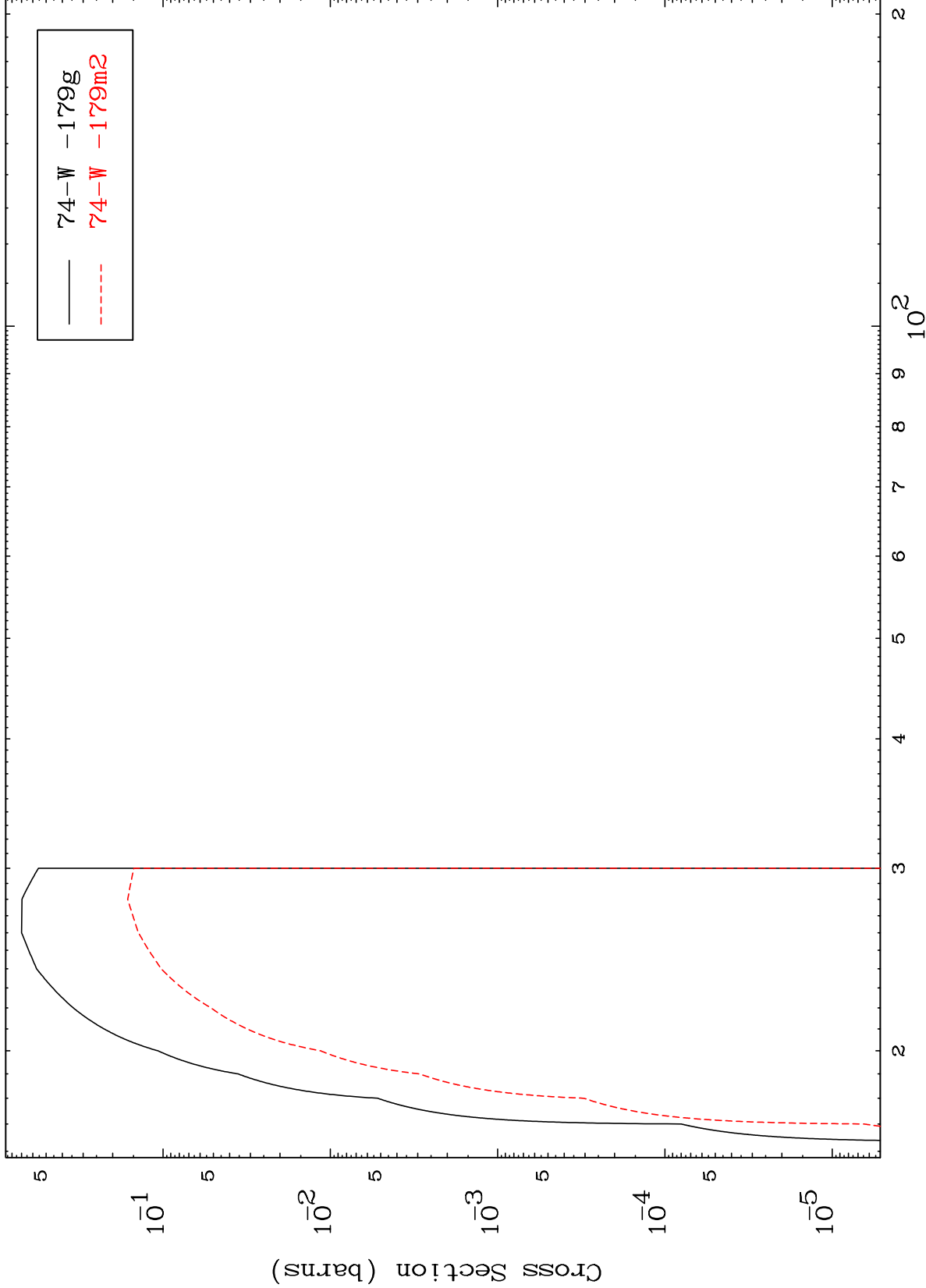
$^{72}\text{Hf}-177\text{m}$

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(n,2n)

⁷²Hf-177m

Radionuclide Production Cross Section



11

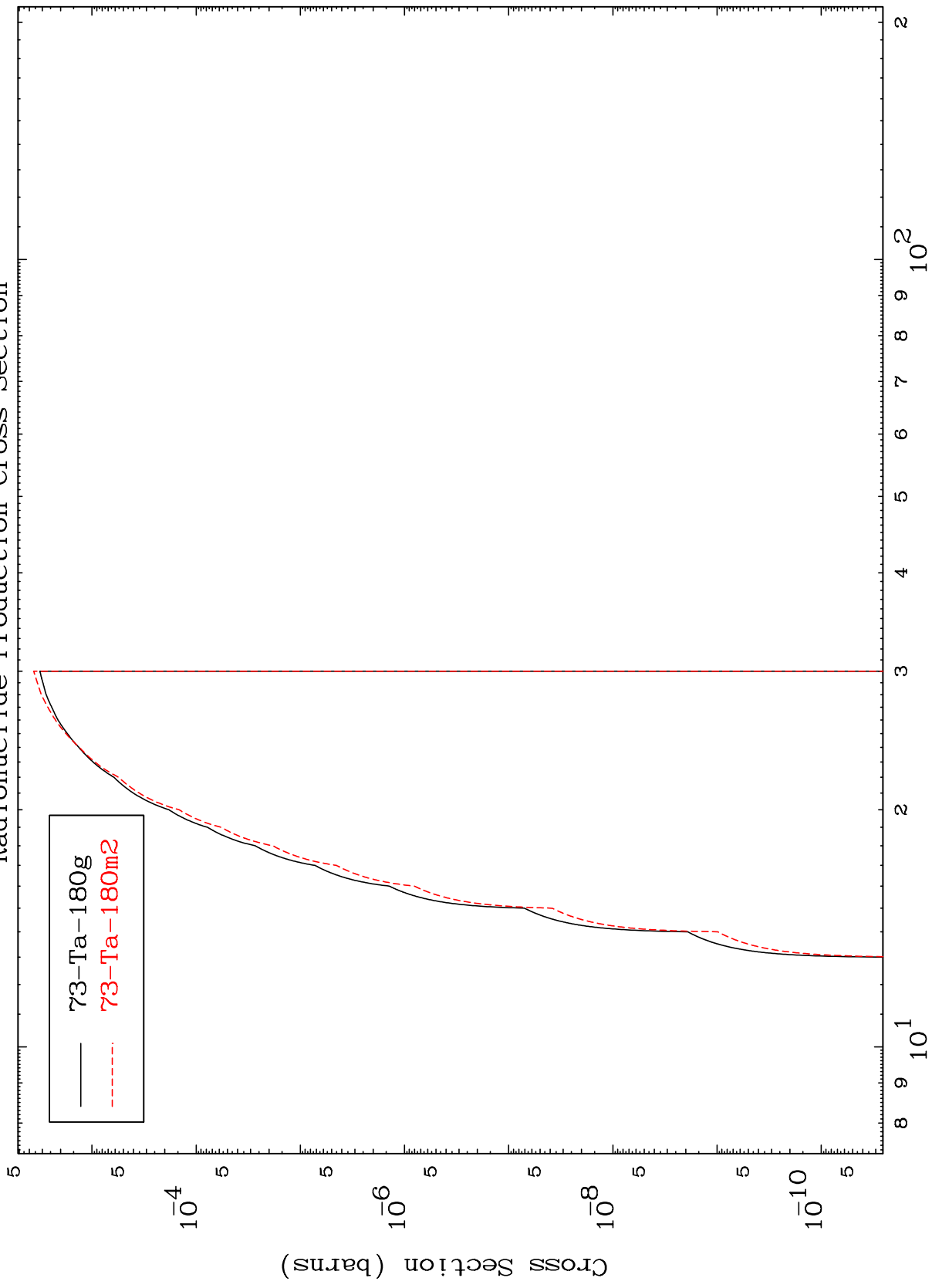
Incident Energy (MeV)

⁷²Hf-177m

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⁷²Hf-177m

Radionuclide Production Cross Section (n,p)



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

⁷²Hf-177m

Incident Energy (MeV)

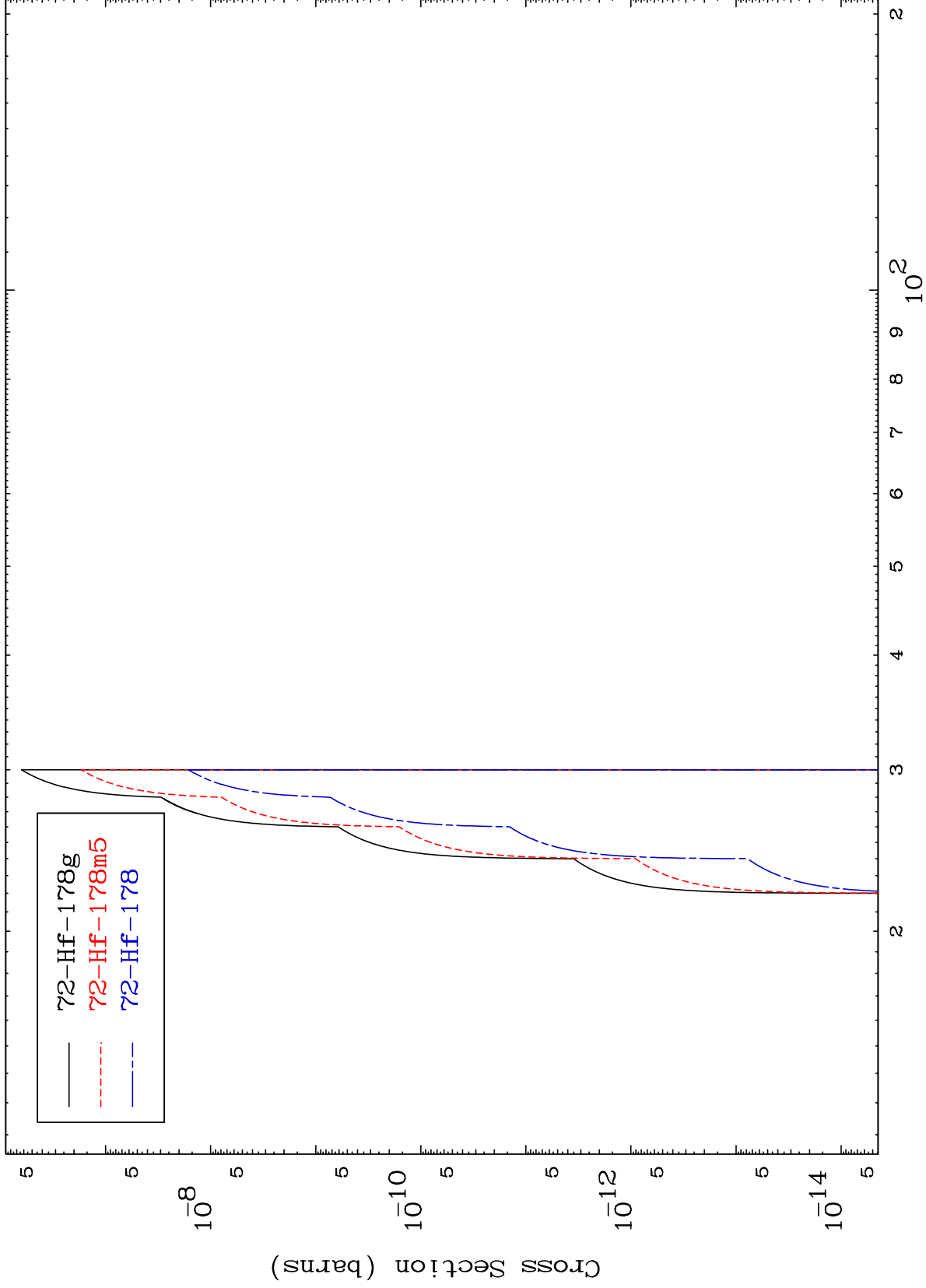
12

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(n,He-3)

⁷²Hf-177m

Radionuclide Production Cross Section



13

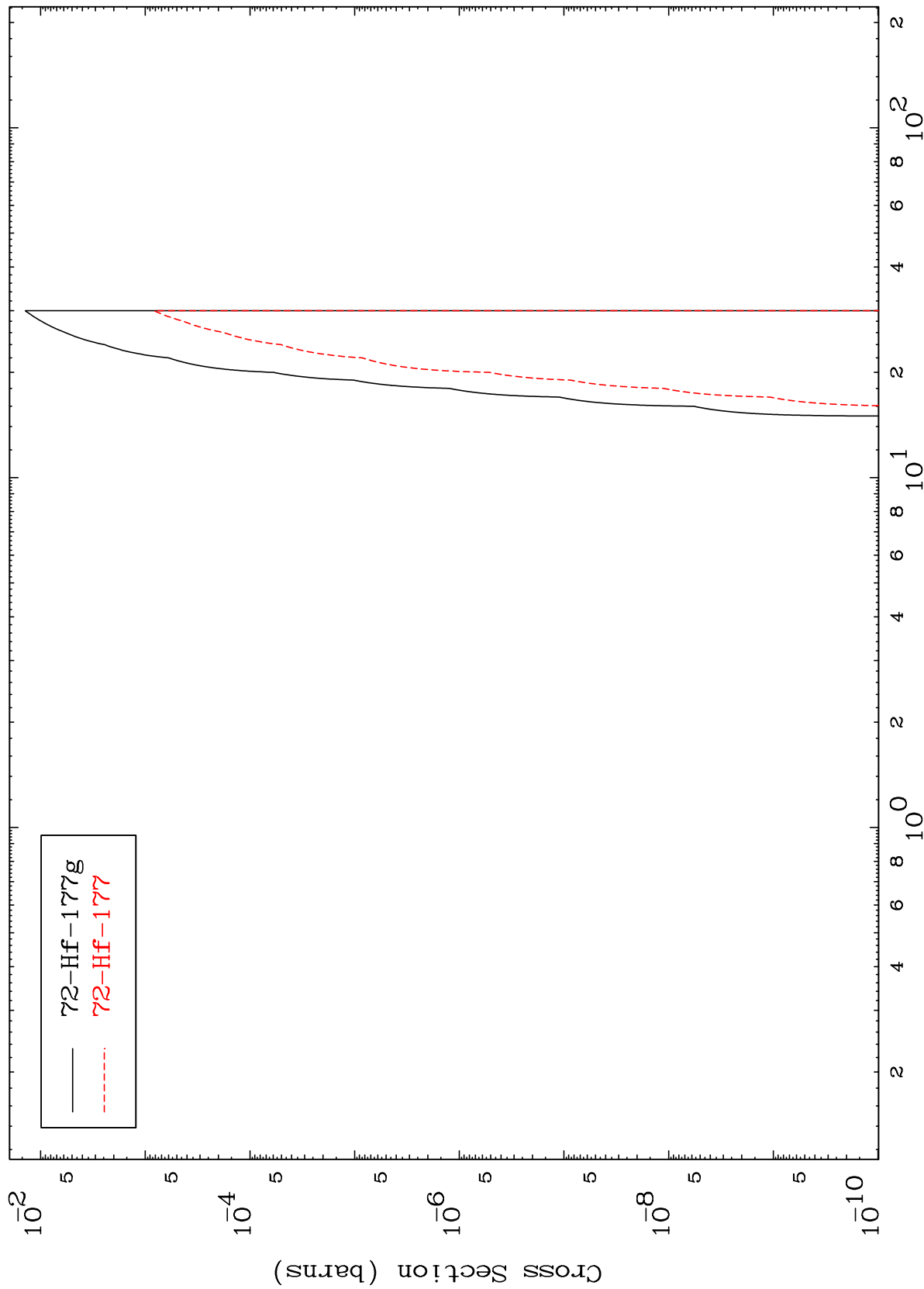
Incident Energy (MeV)

⁷²Hf-177m

MAT 7235

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

Radionuclide Production Cross Section



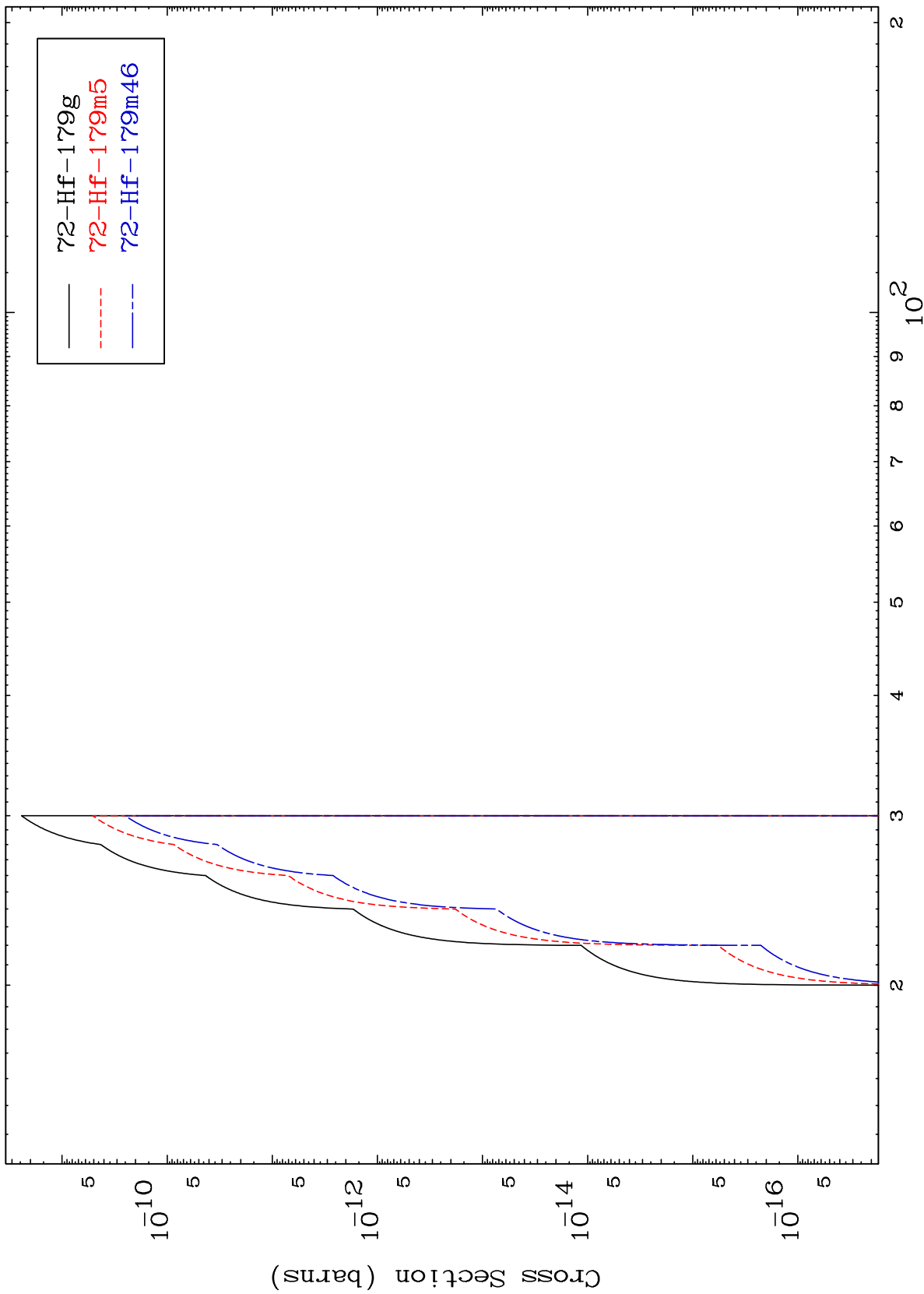
$^{72}\text{Hf}-177\text{m}$

Incident Energy (MeV)

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72-Hf-177m

(n,2p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

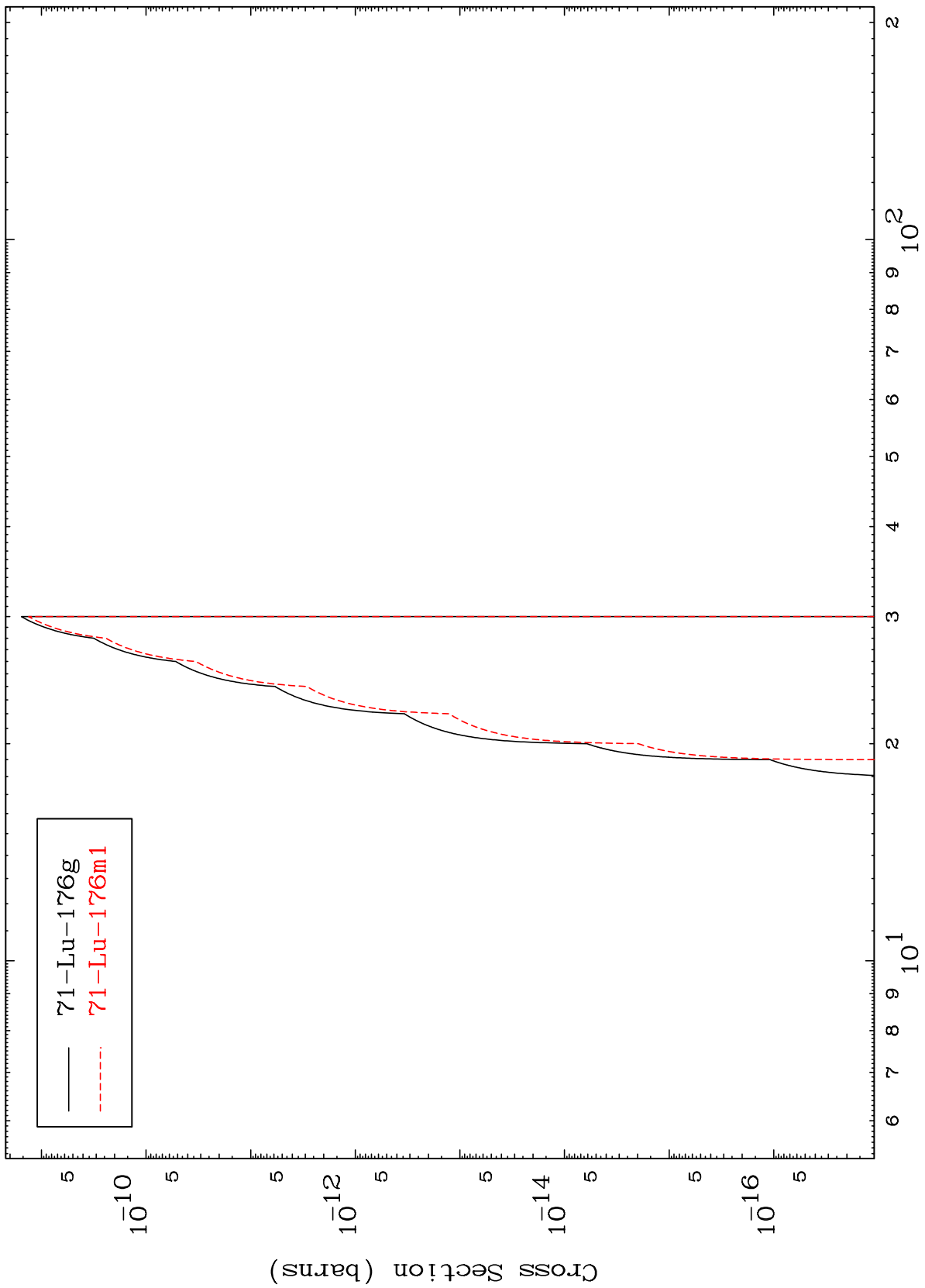
72-Hf-177m

MAT 7235

(n,p) α

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

Radionuclide Production Cross Section



16

Incident Energy (MeV)

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