

Program EVALPLOT
(Version 2021-1)

by

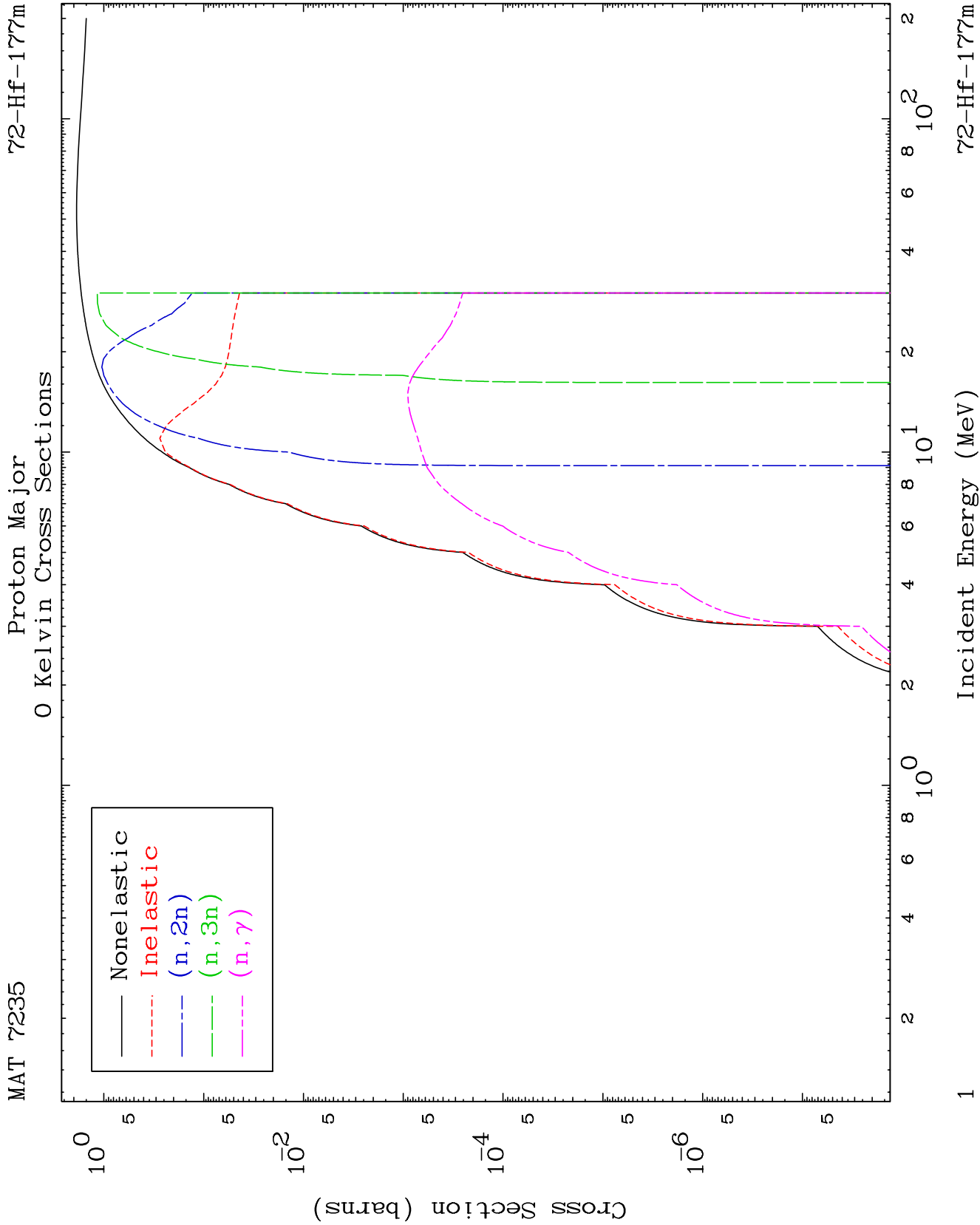
Dermott E. Cullen
(Present Contact Information)

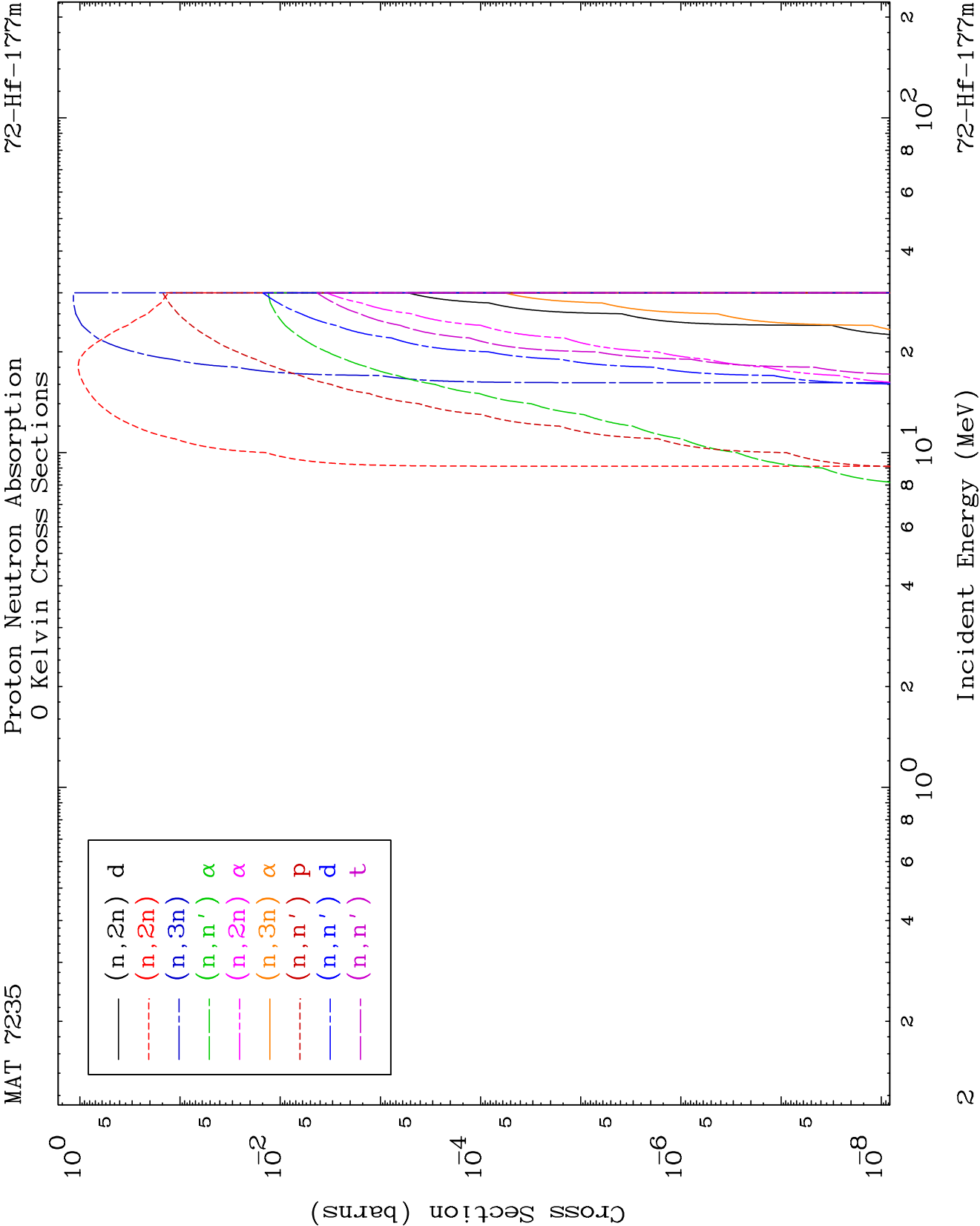
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Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

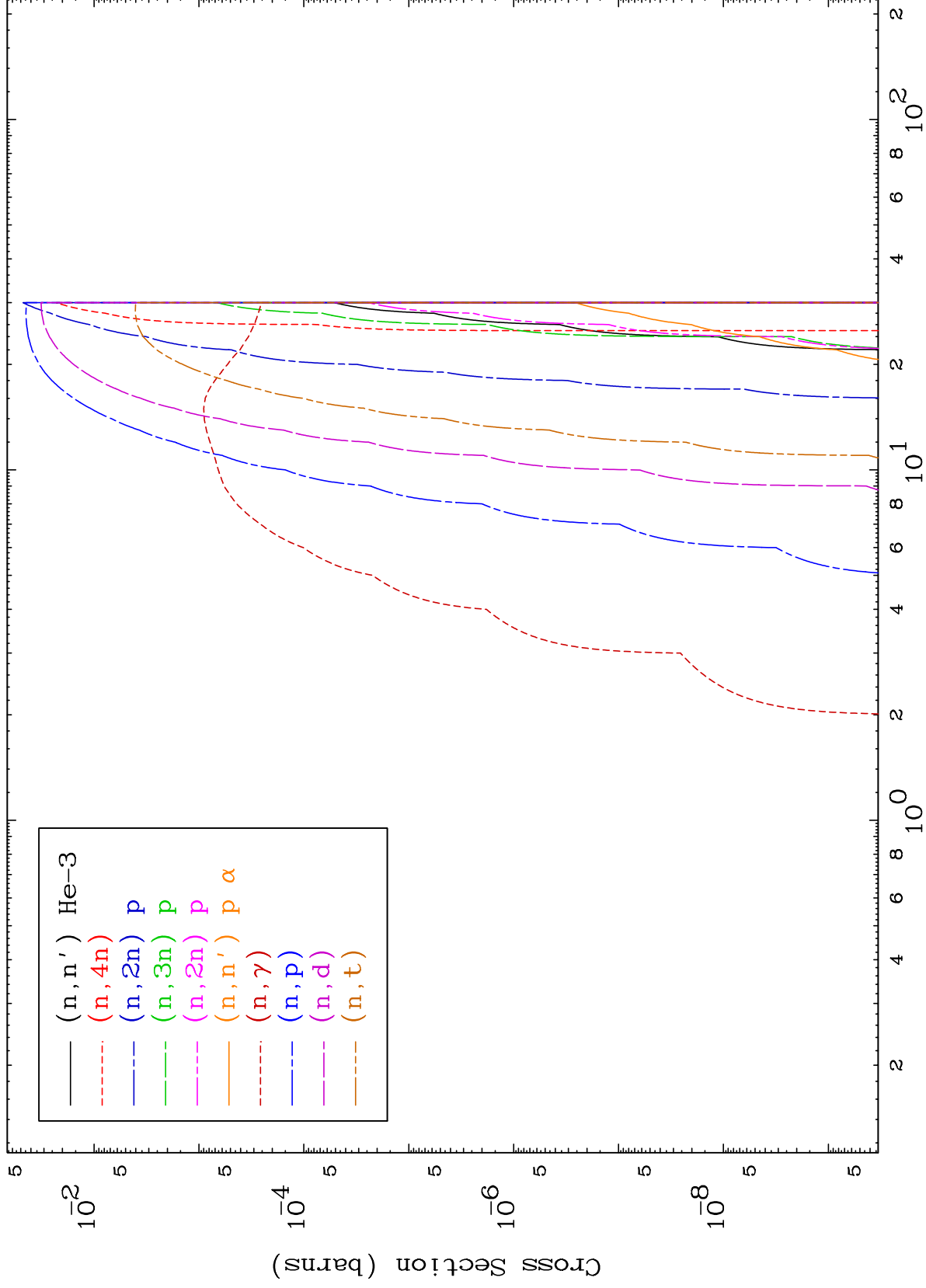




MAT 7235

Proton Neutron Absorption
0 Kelvin Cross Sections

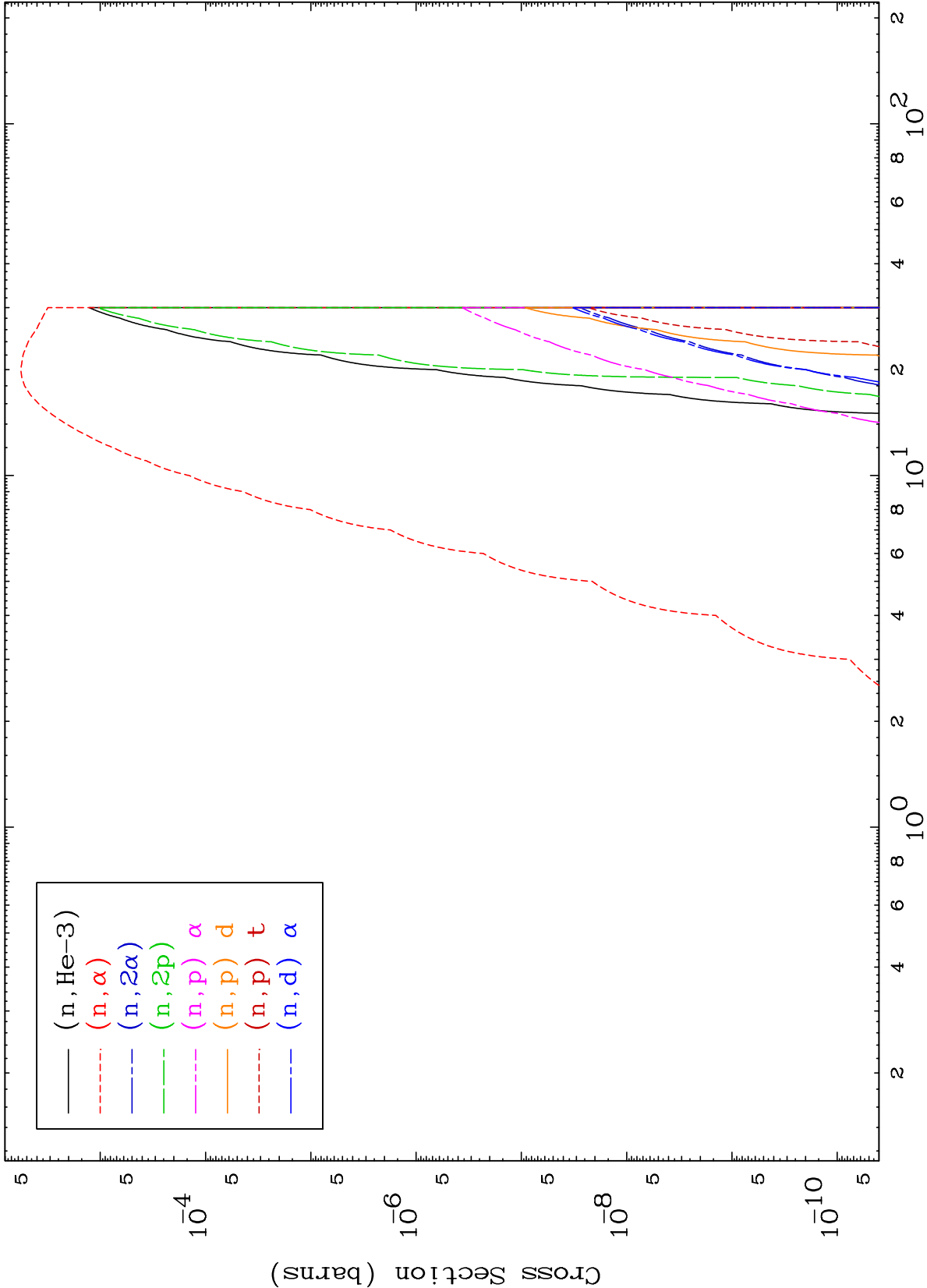
72-Hf-177m



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Proton Neutron Absorption
0 Kelvin Cross Sections

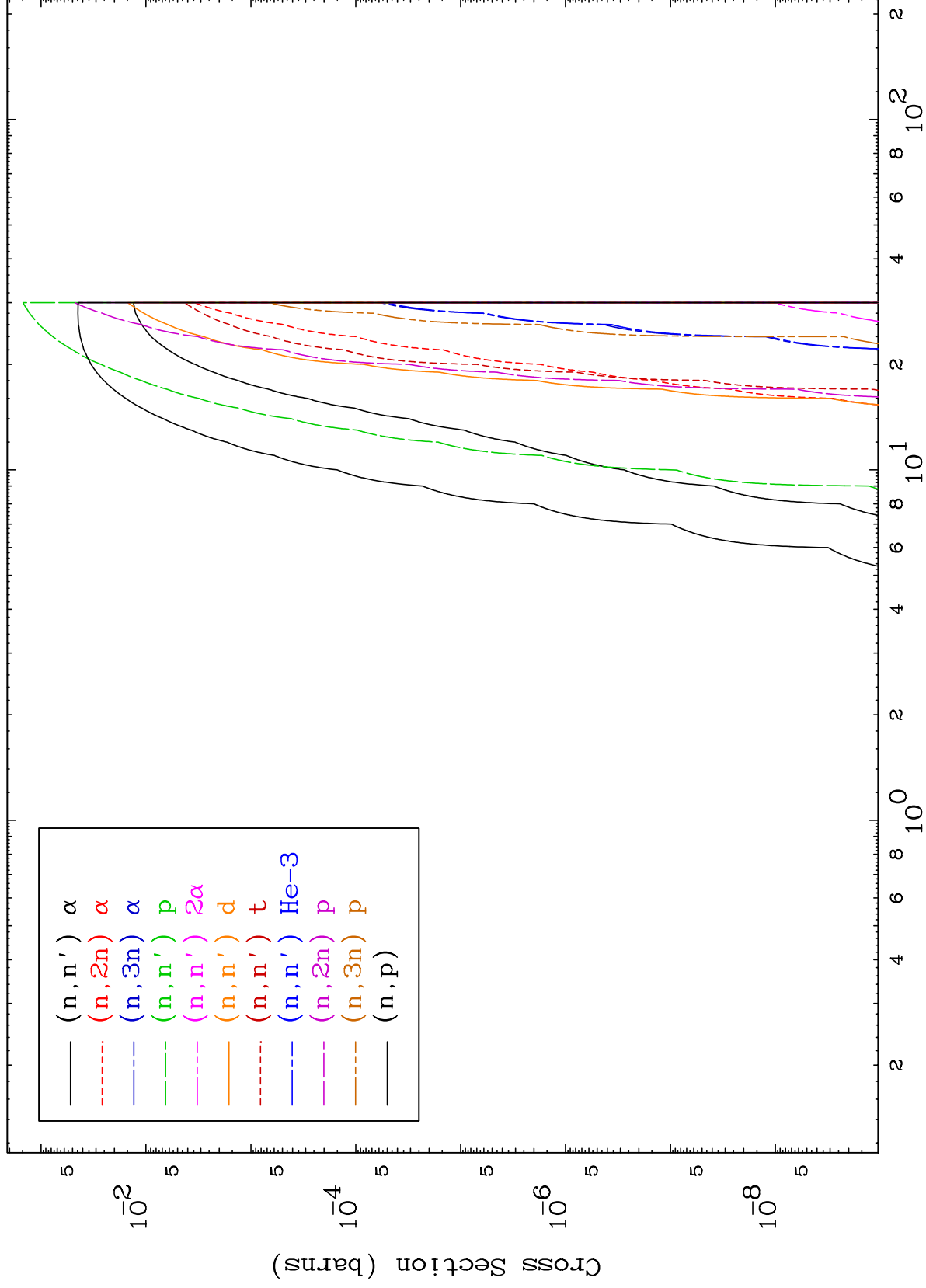
⁷²Hf-177m



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Proton Charged Particle
0 Kelvin Cross Sections

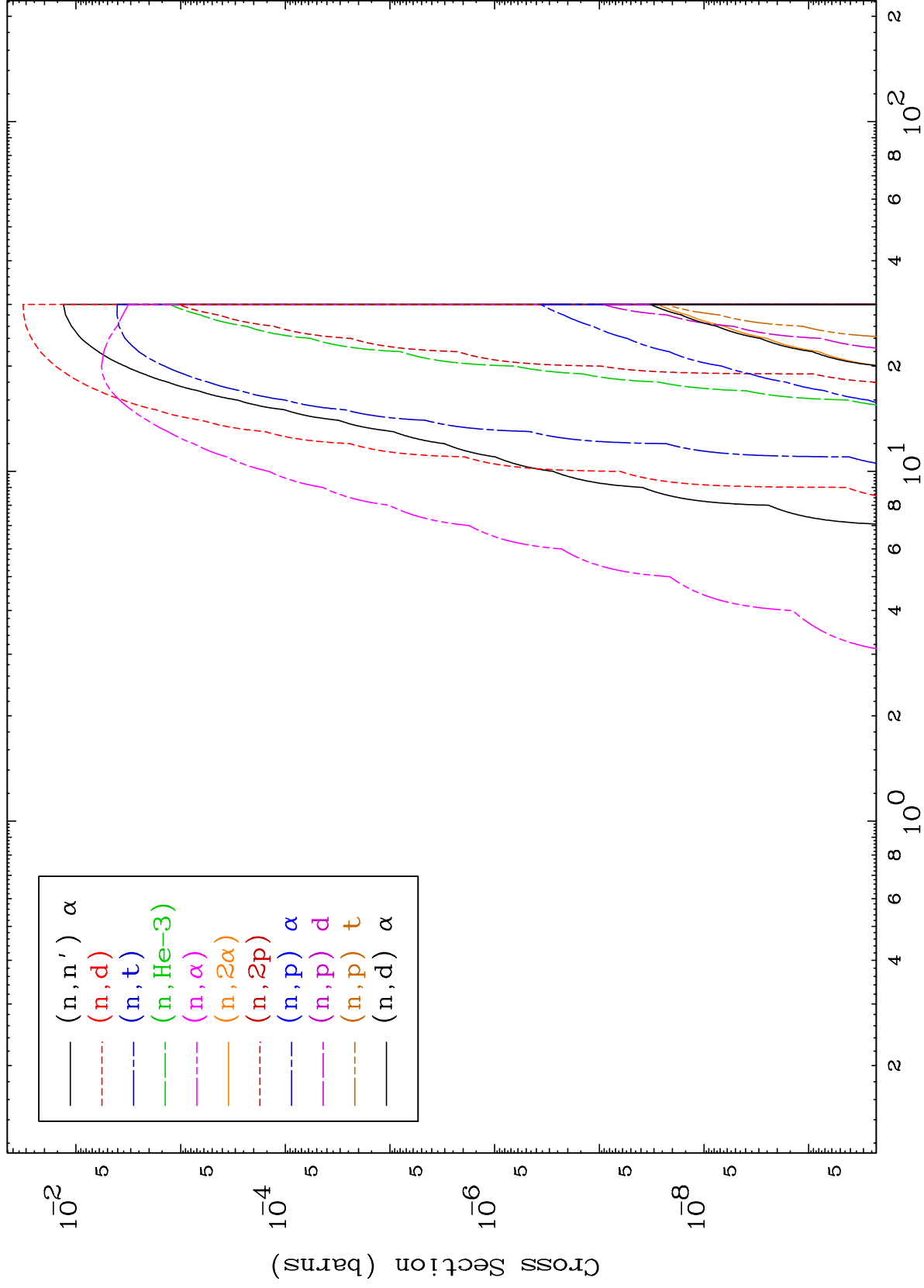
⁷²Hf-177m

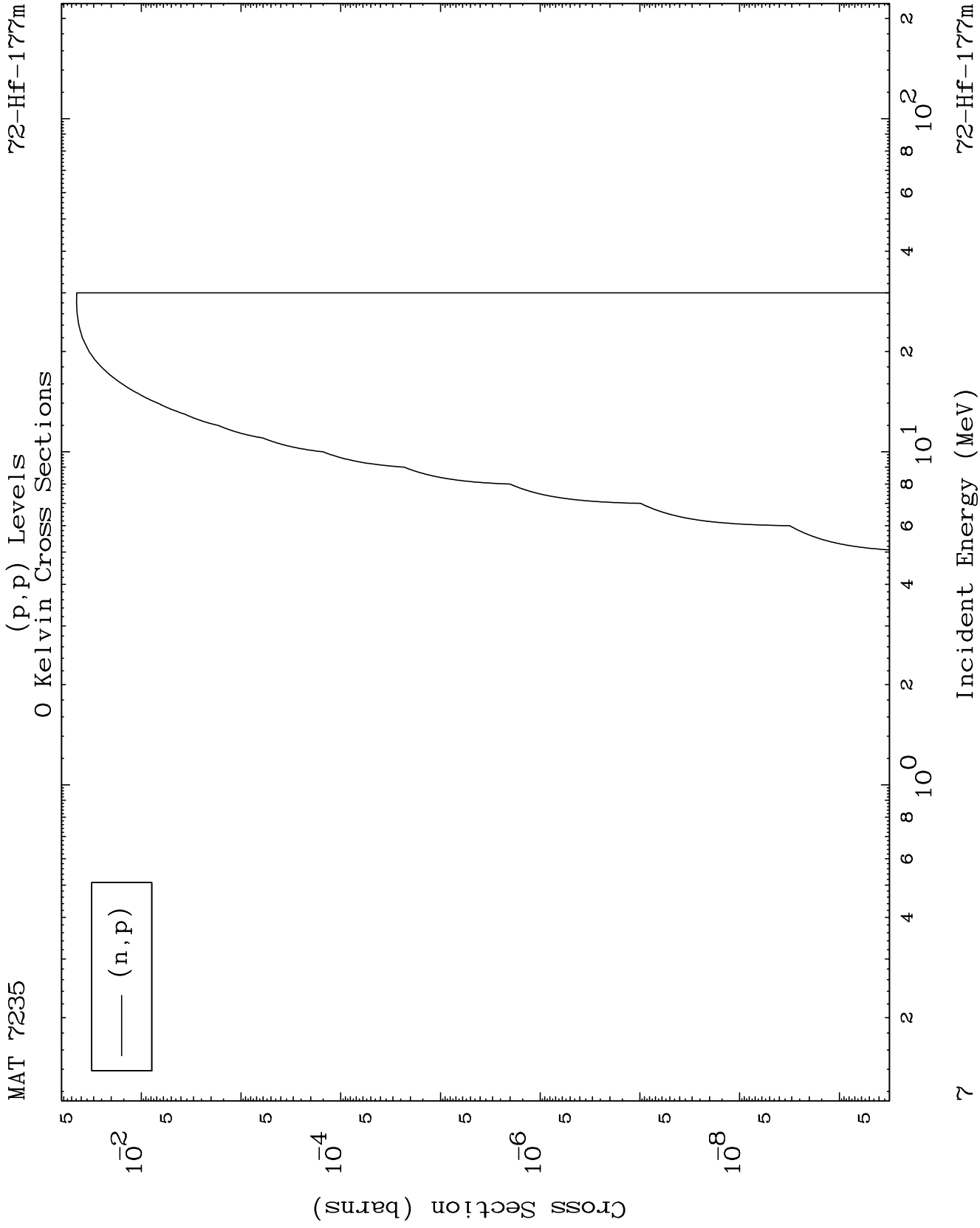


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Proton Charged Particle
0 Kelvin Cross Sections

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



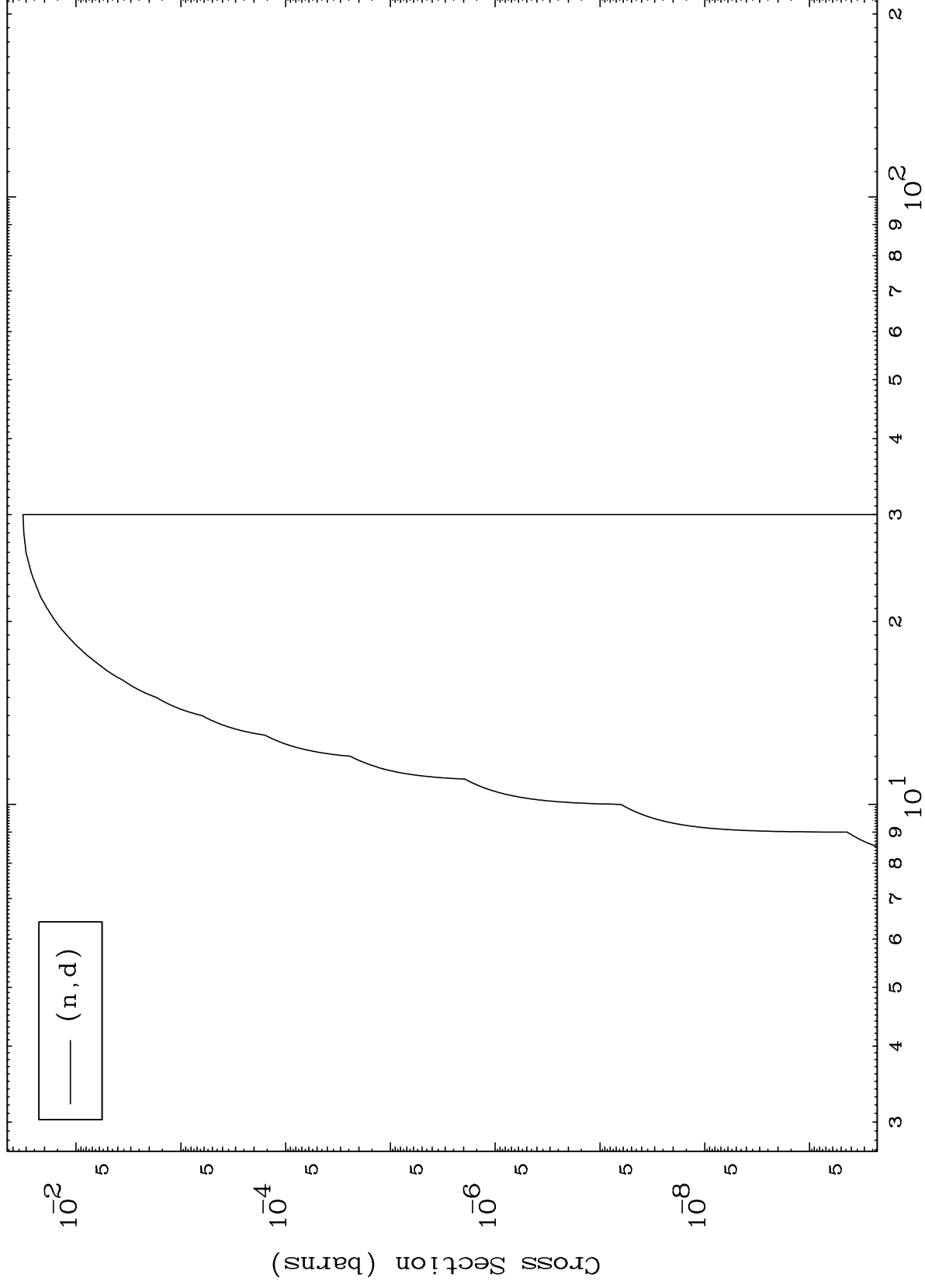


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(p,d) Levels

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

0 Kelvin Cross Sections



8

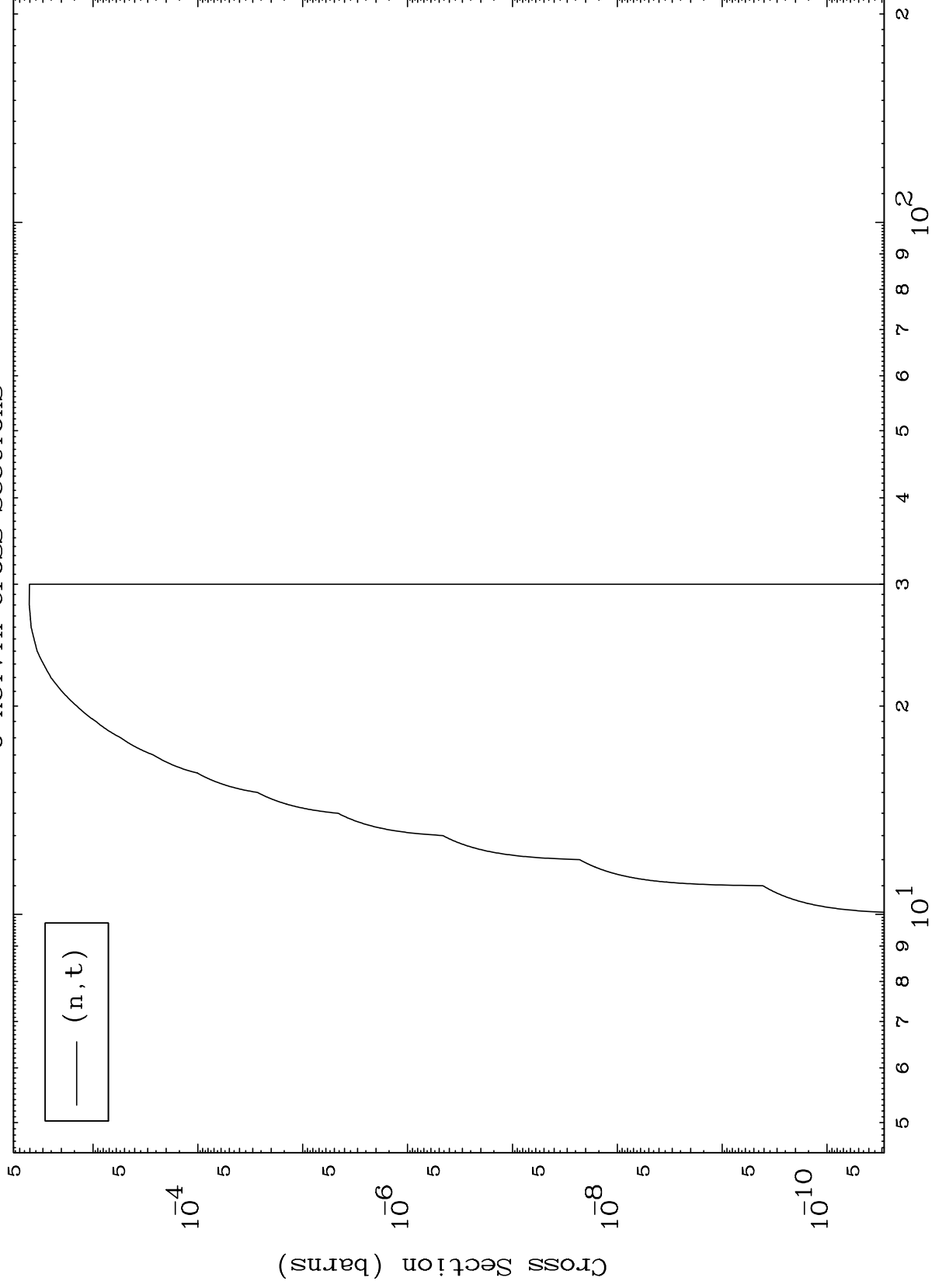
Incident Energy (MeV)

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

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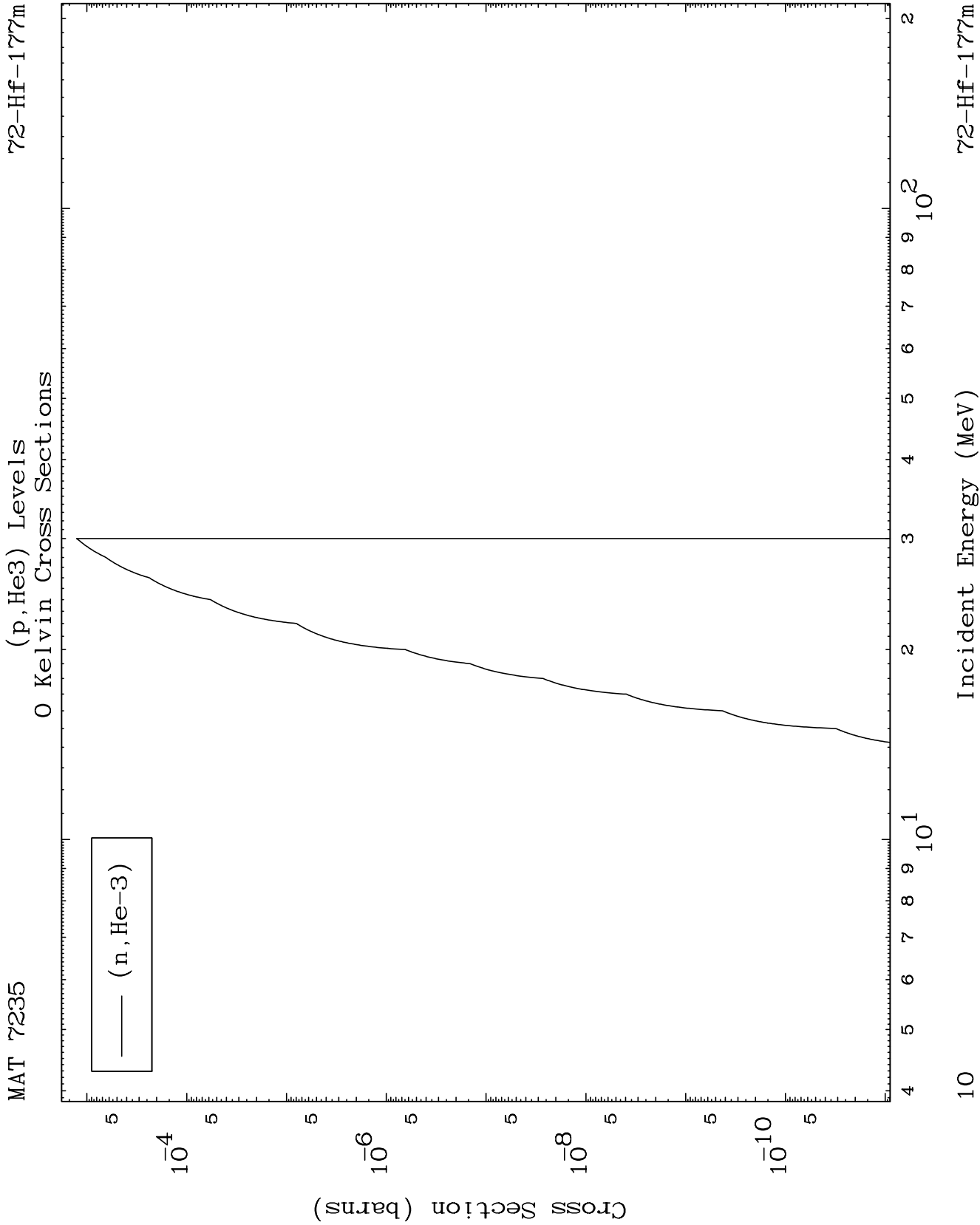
72-Hf-177m

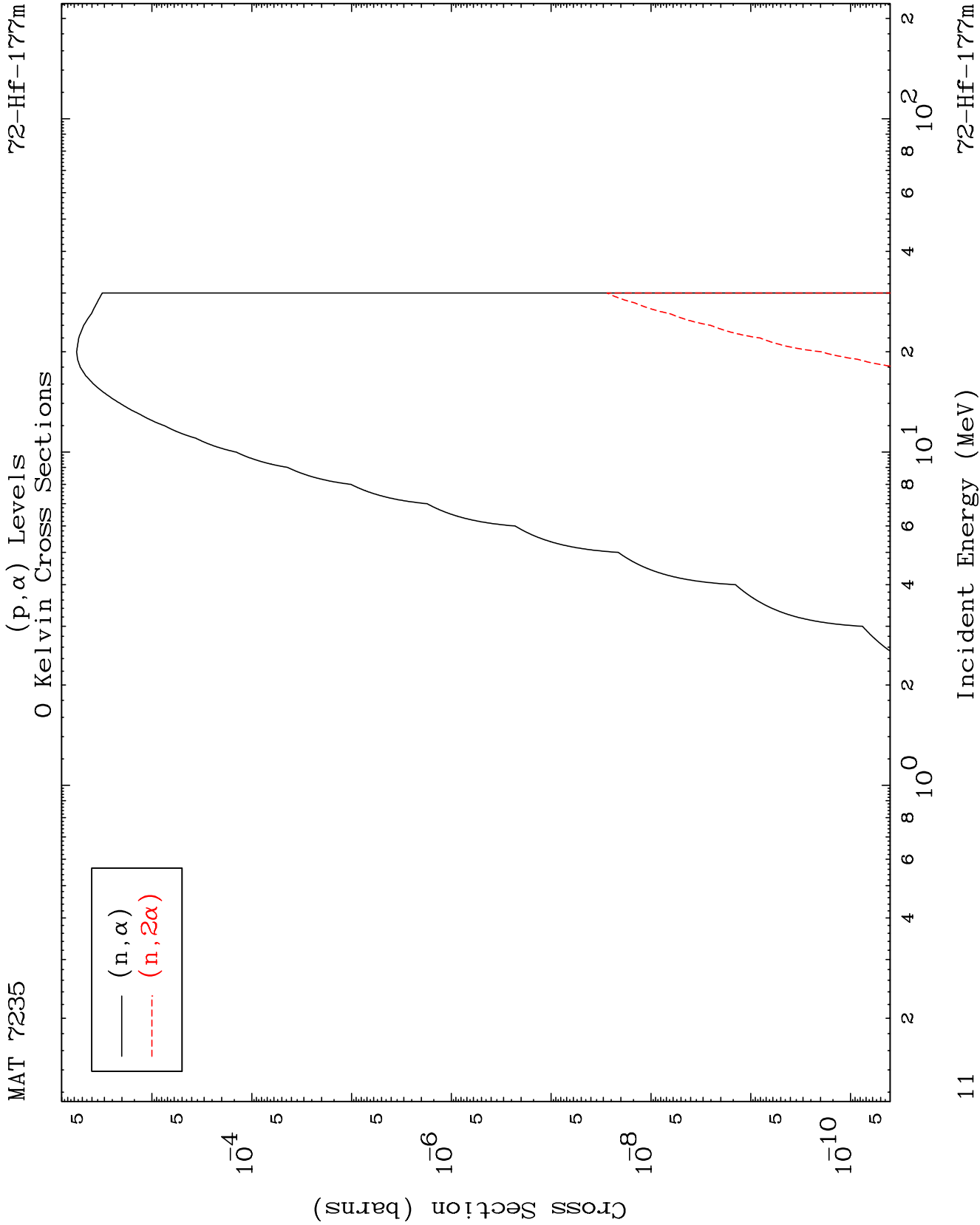
(p,t) Levels
0 Kelvin Cross Sections

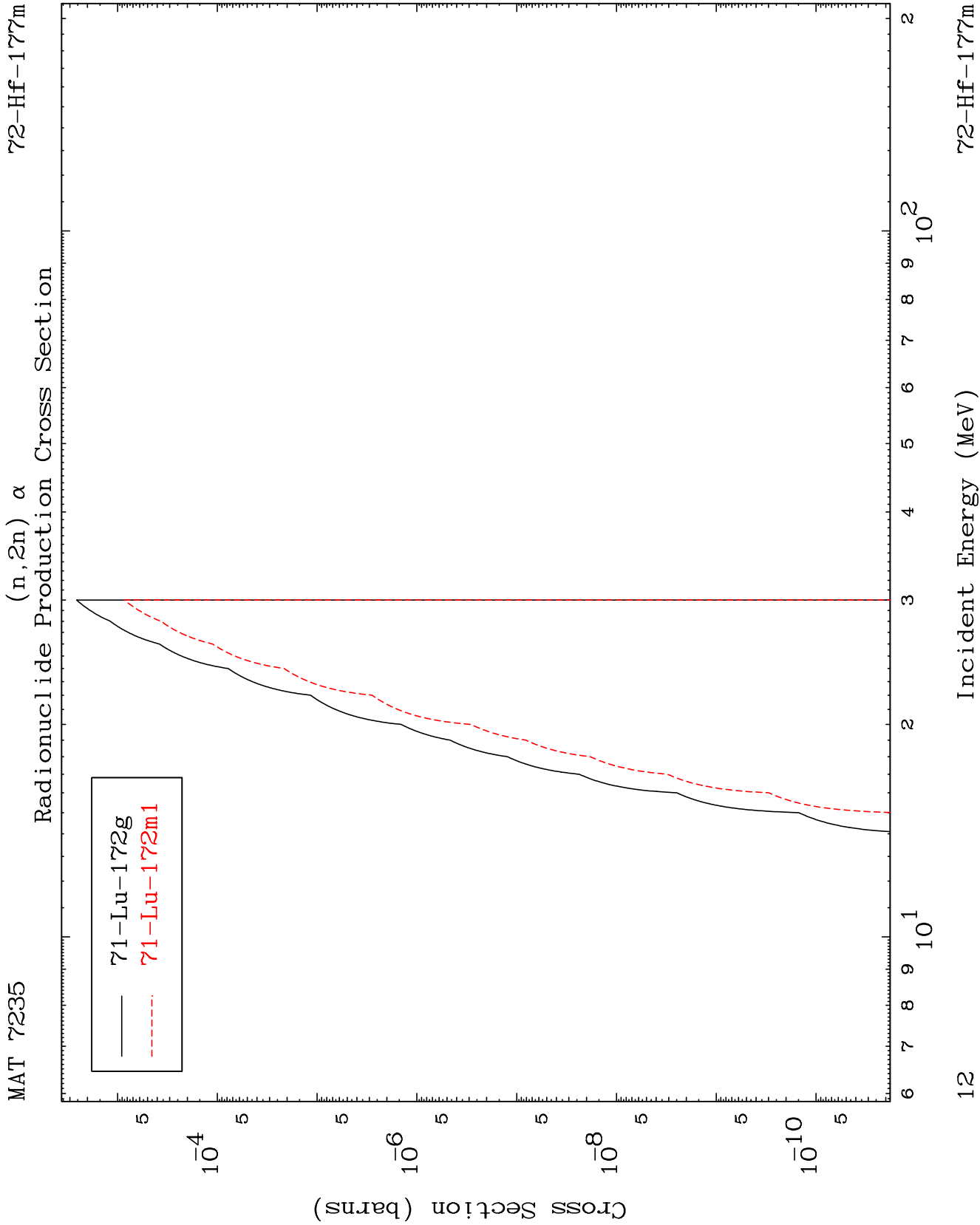


9

72-Hf-177m



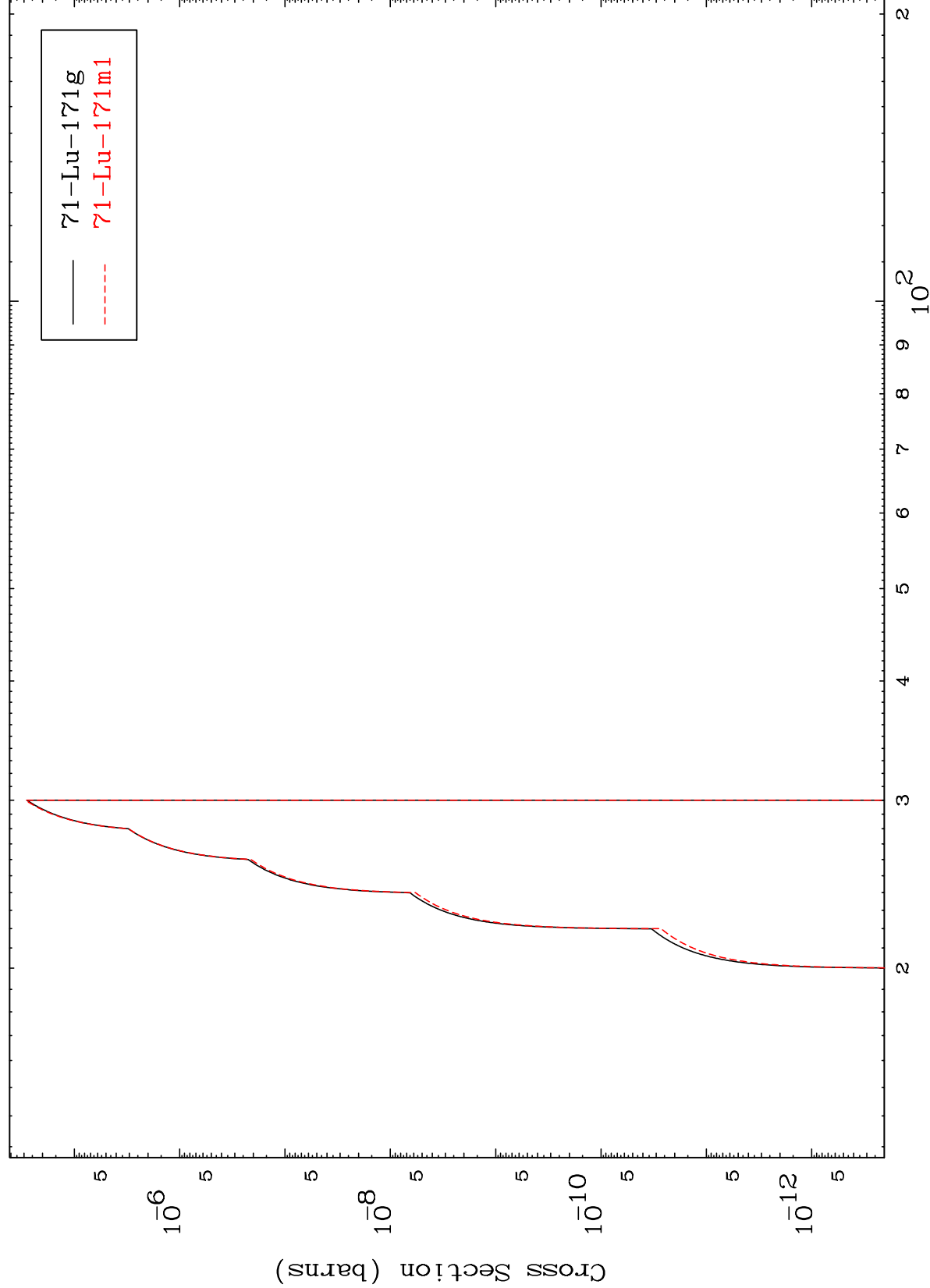




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$^{72}\text{Hf-177m}$

$(n,3n) \alpha$
Radionuclide Production Cross Section



13

Incident Energy (MeV)

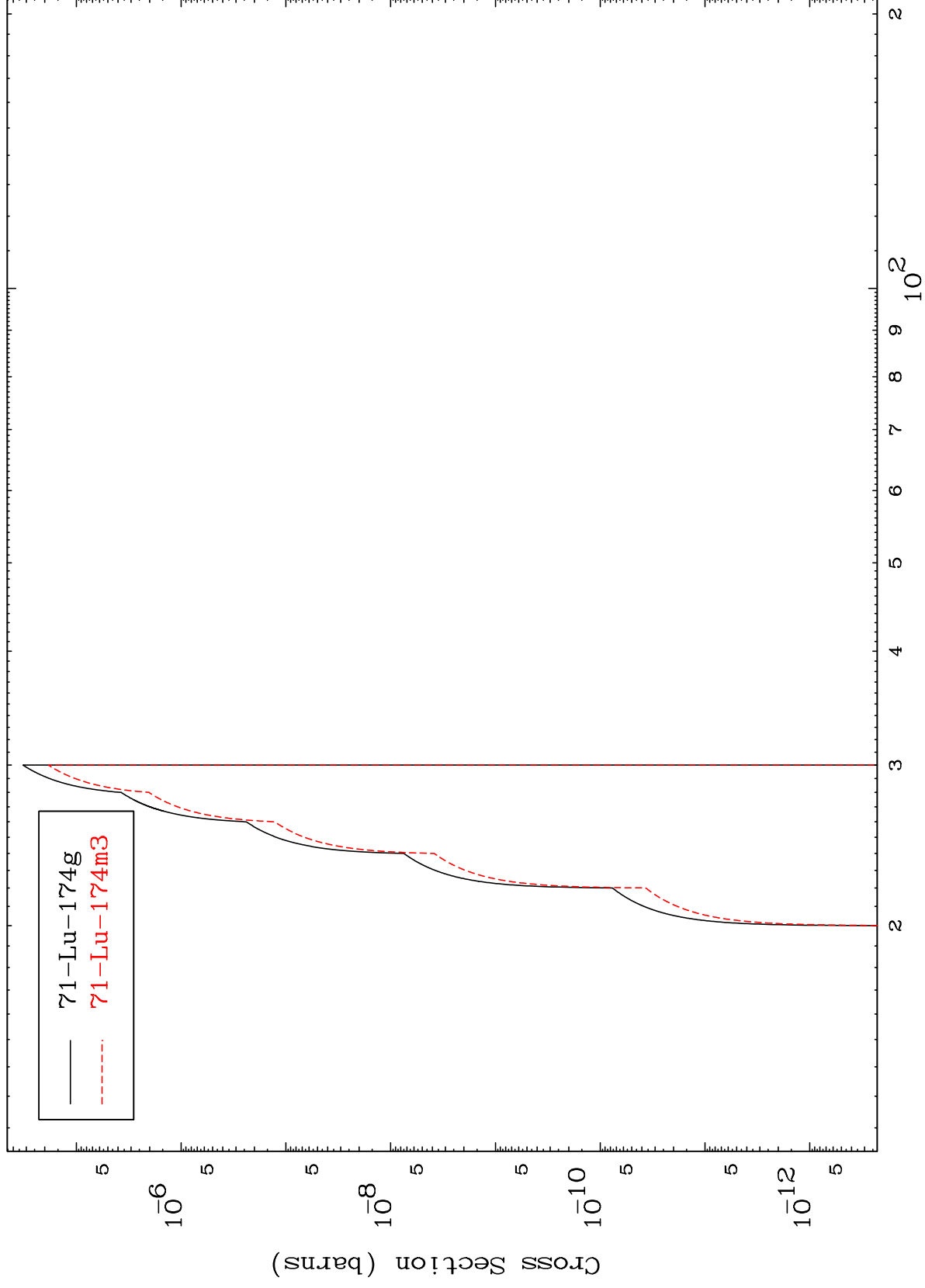
$^{72}\text{Hf-177m}$

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(n,n') He-3

⁷²Hf-177m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

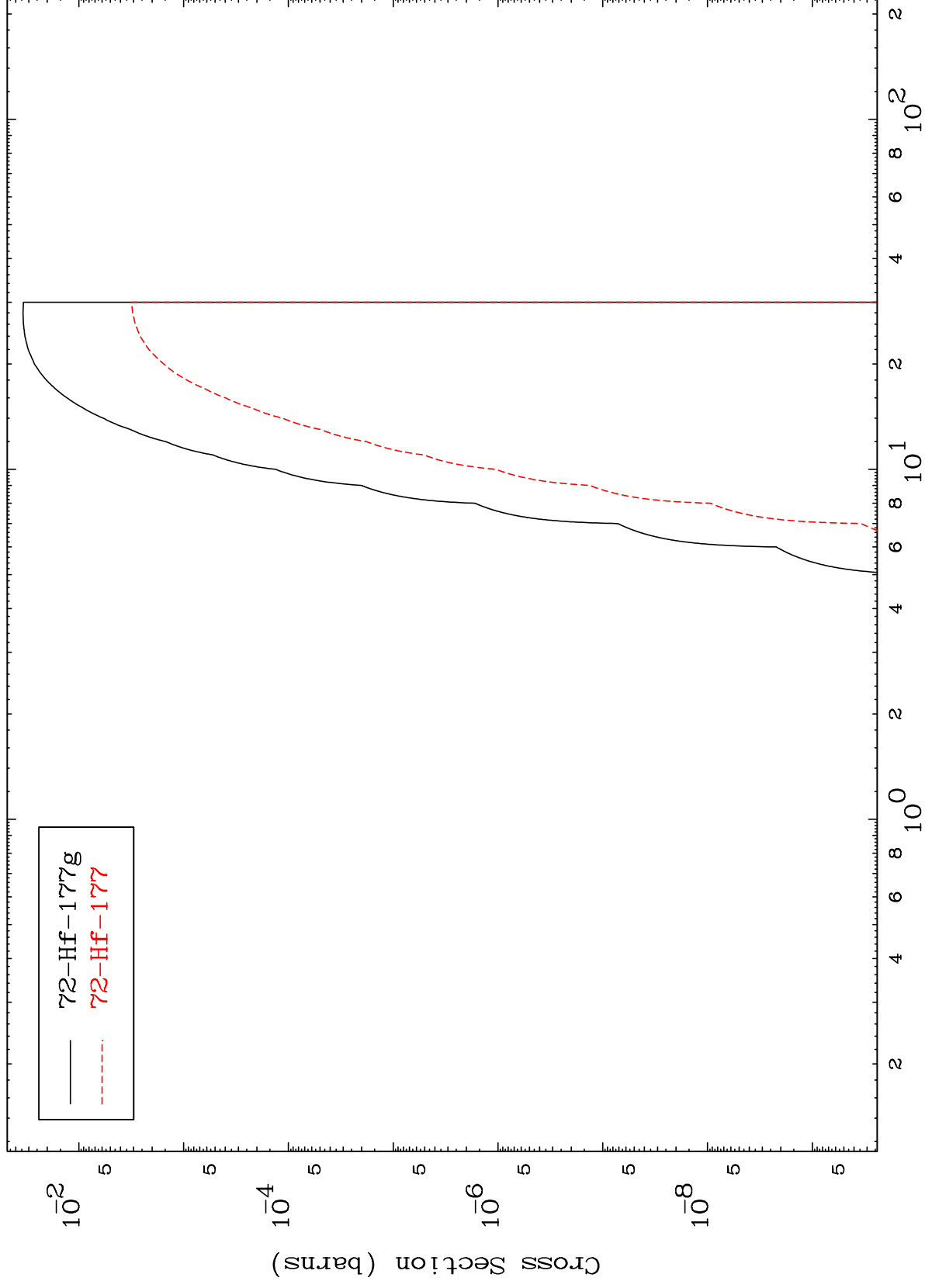
⁷²Hf-177m

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(n,p)

⁷²Hf-177m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

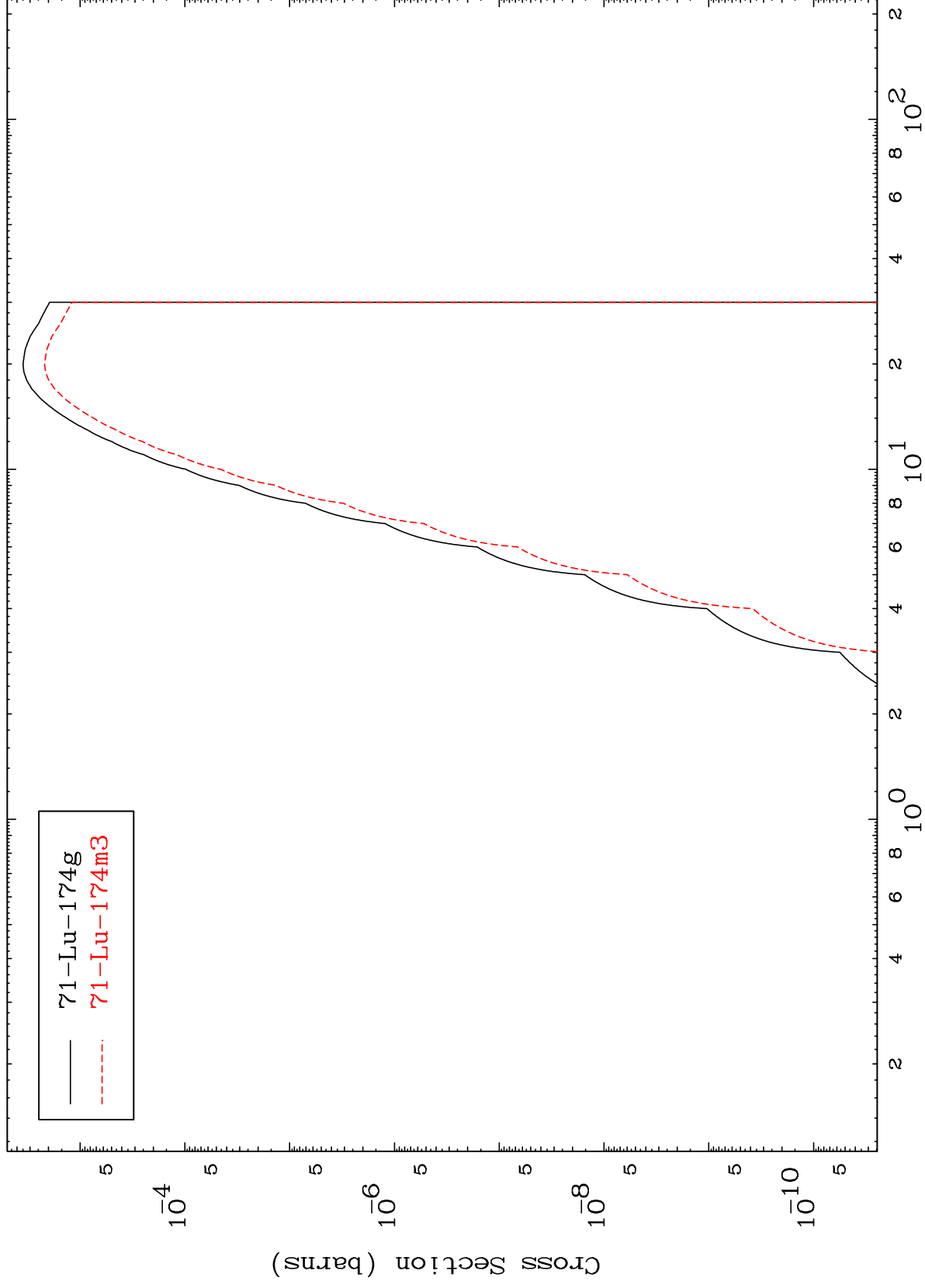
⁷²Hf-177m

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(n, α)

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

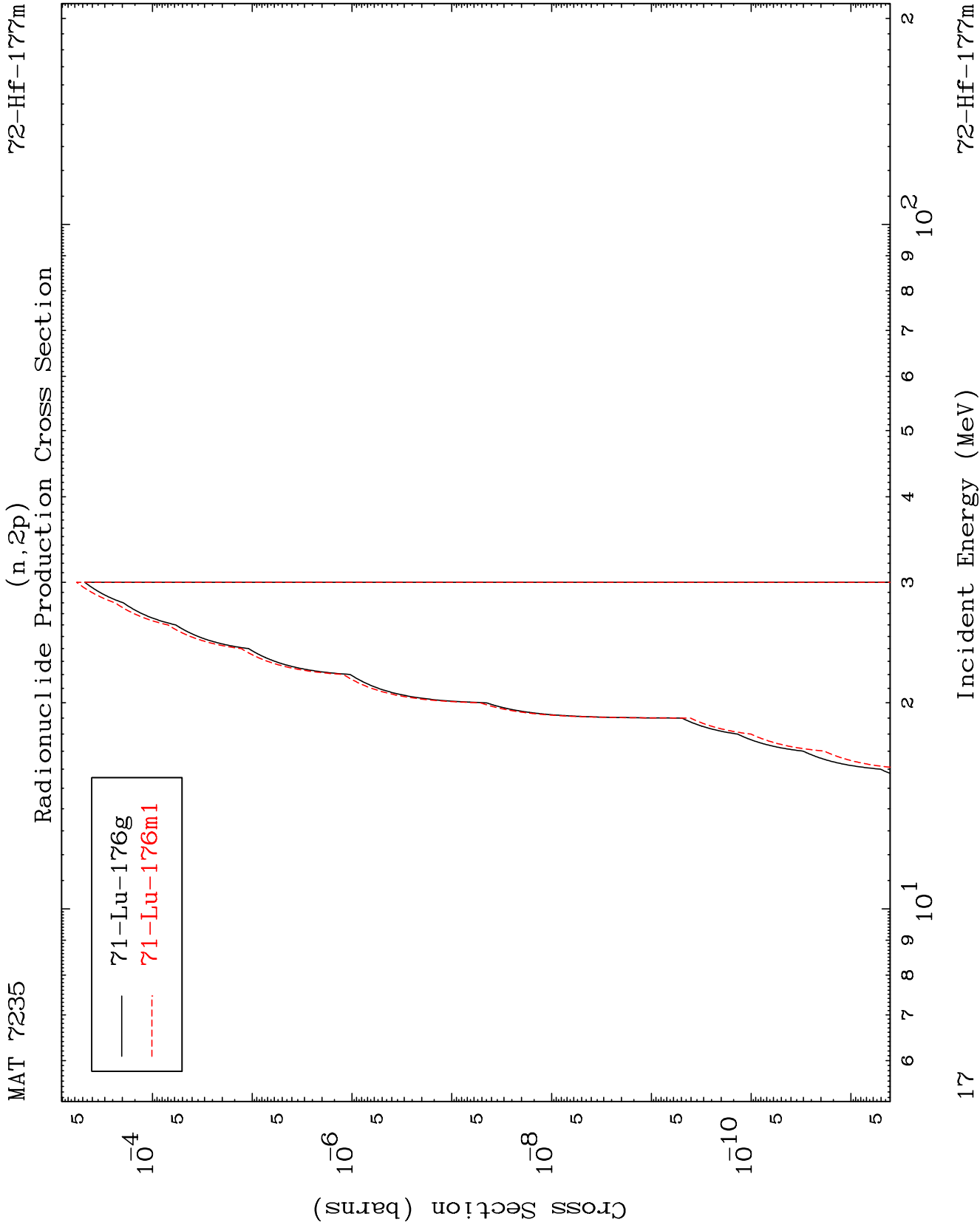
Radionuclide Production Cross Section



16

Incident Energy (MeV)

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

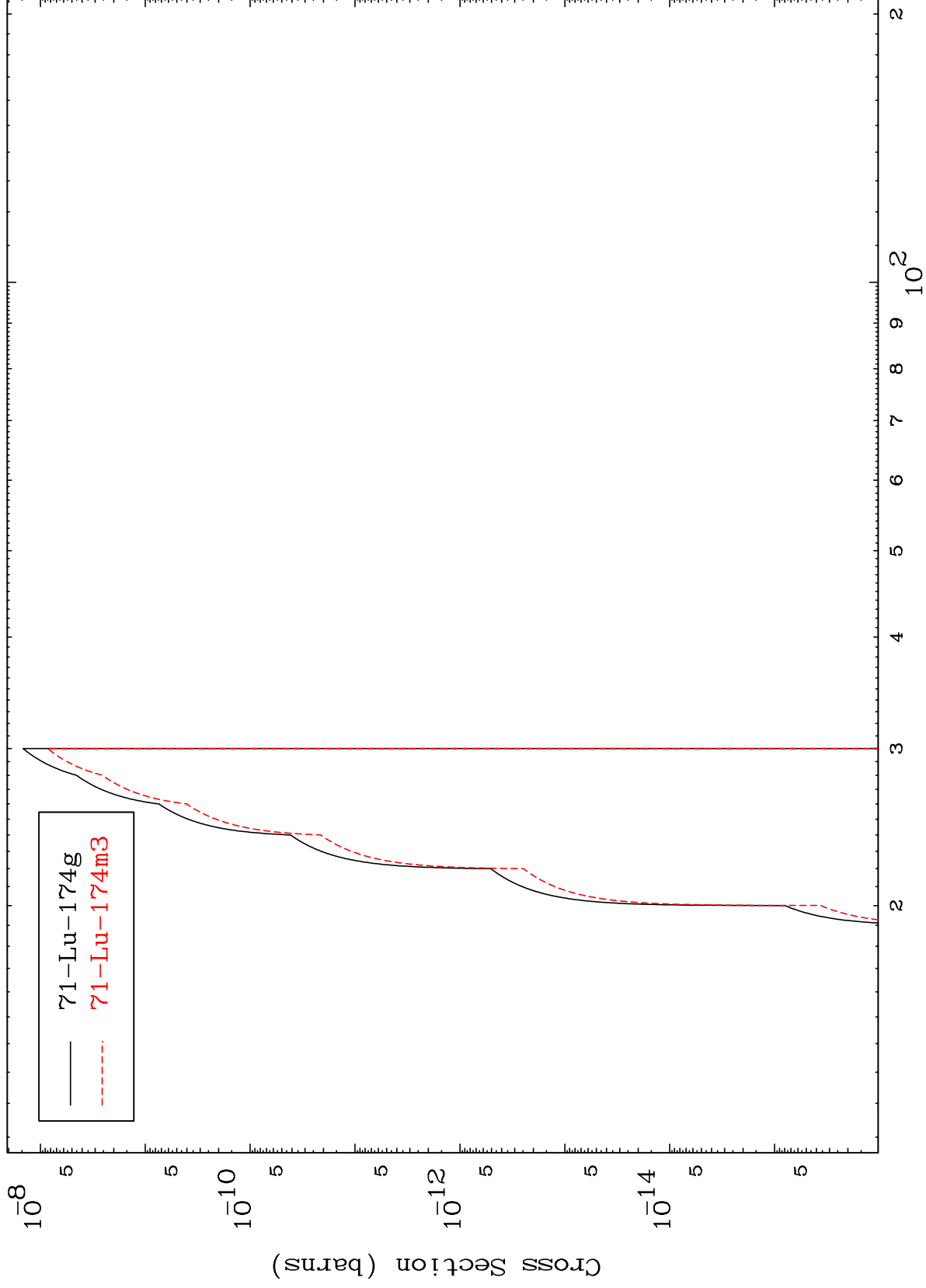


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(n,p) t

⁷²Hf-¹⁷⁷m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

⁷²Hf-¹⁷⁷m