

Program EVALPLOT
(Version 2021-1)

by

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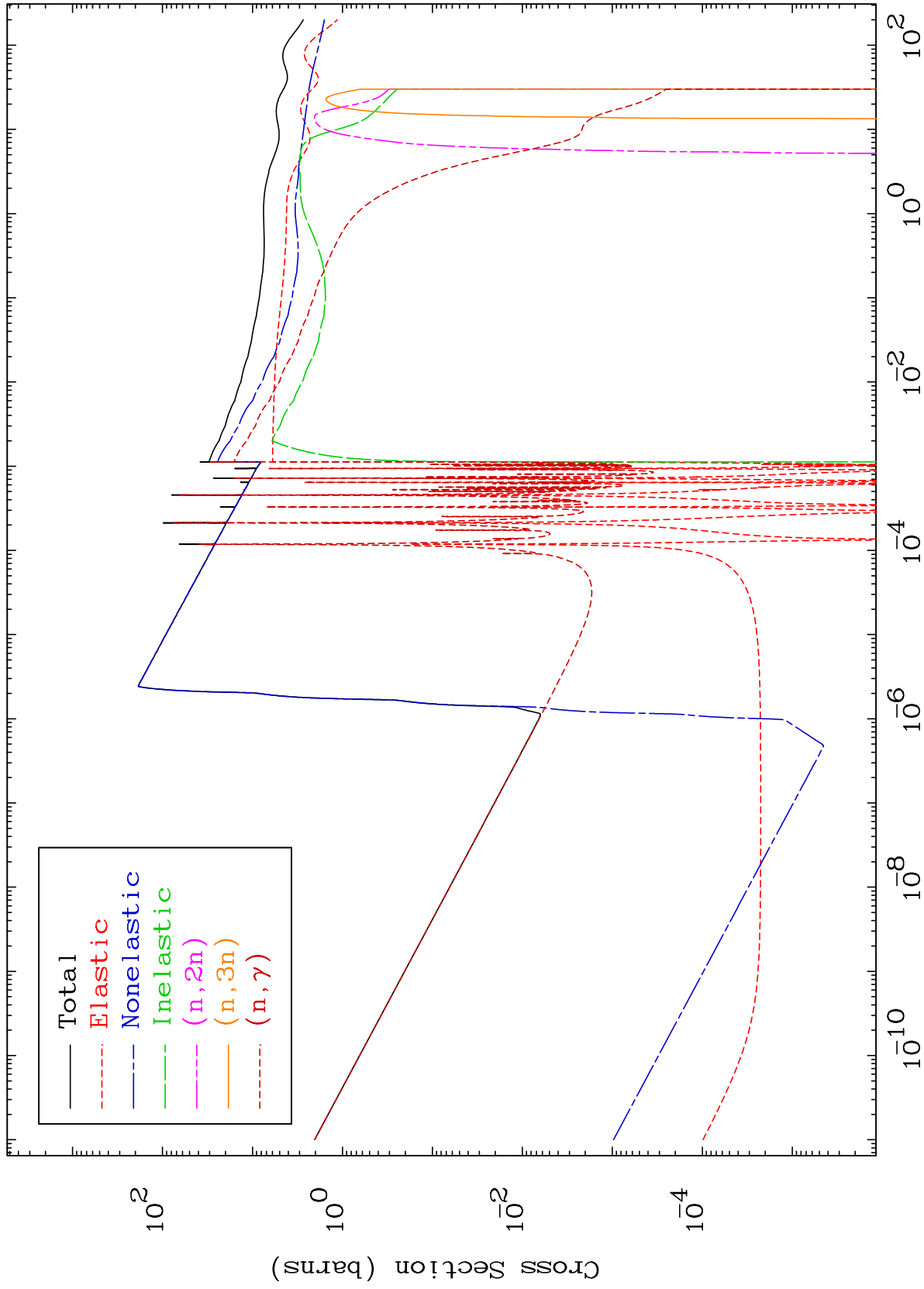
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7235

Neutron Major
293 Kelvin Cross Sections

72-Hf-177m



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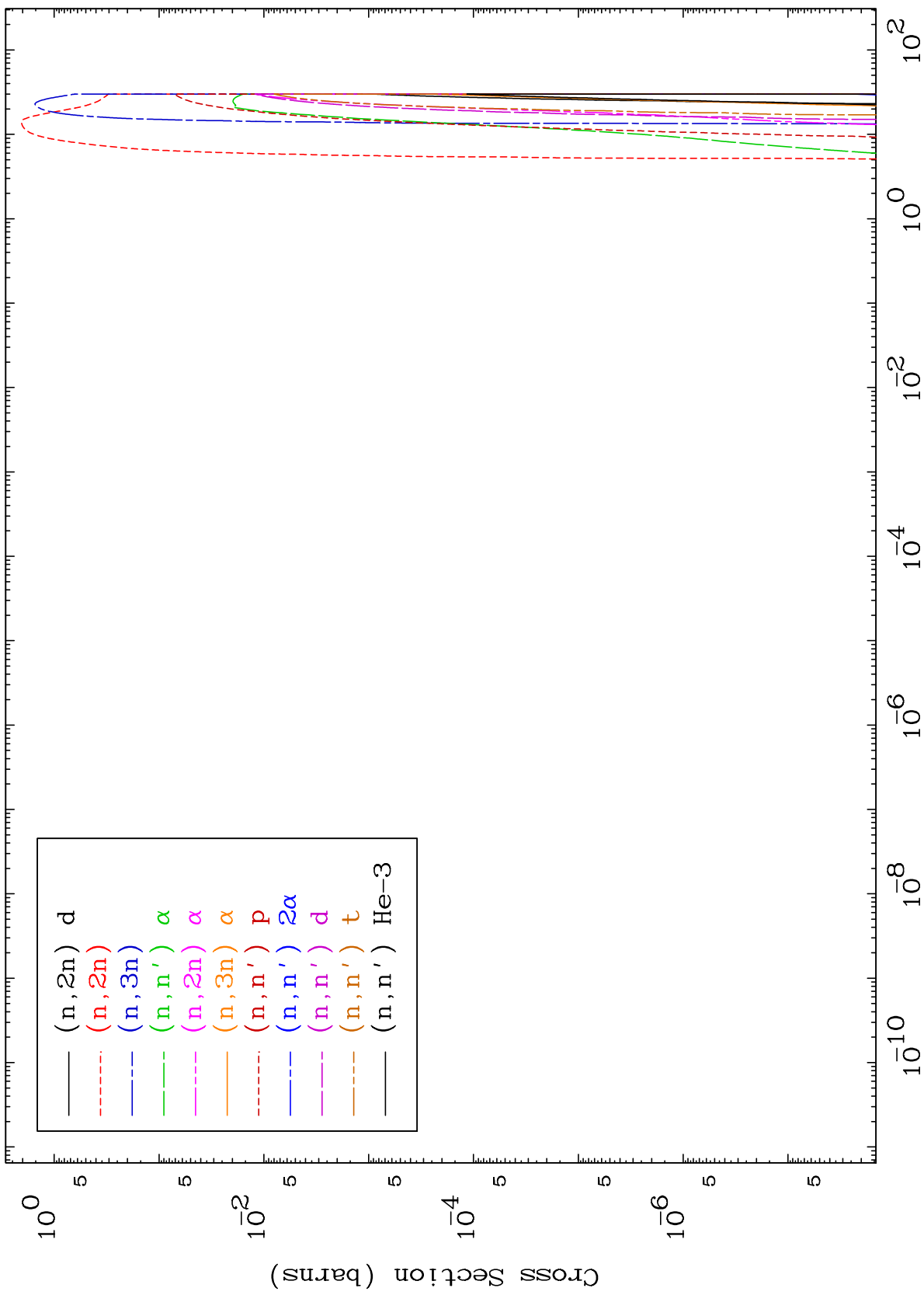
Incident Energy (MeV)

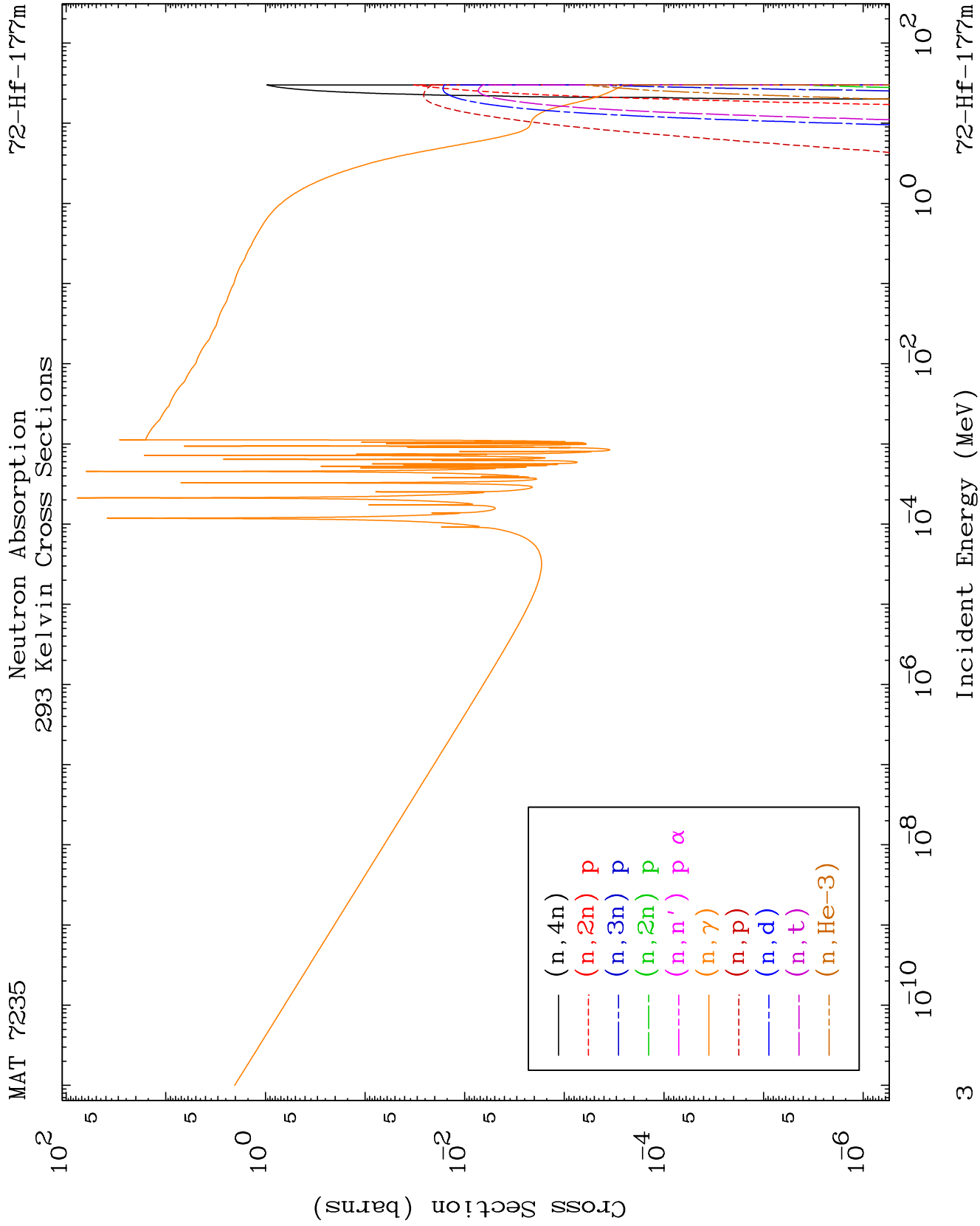
72-Hf-177m

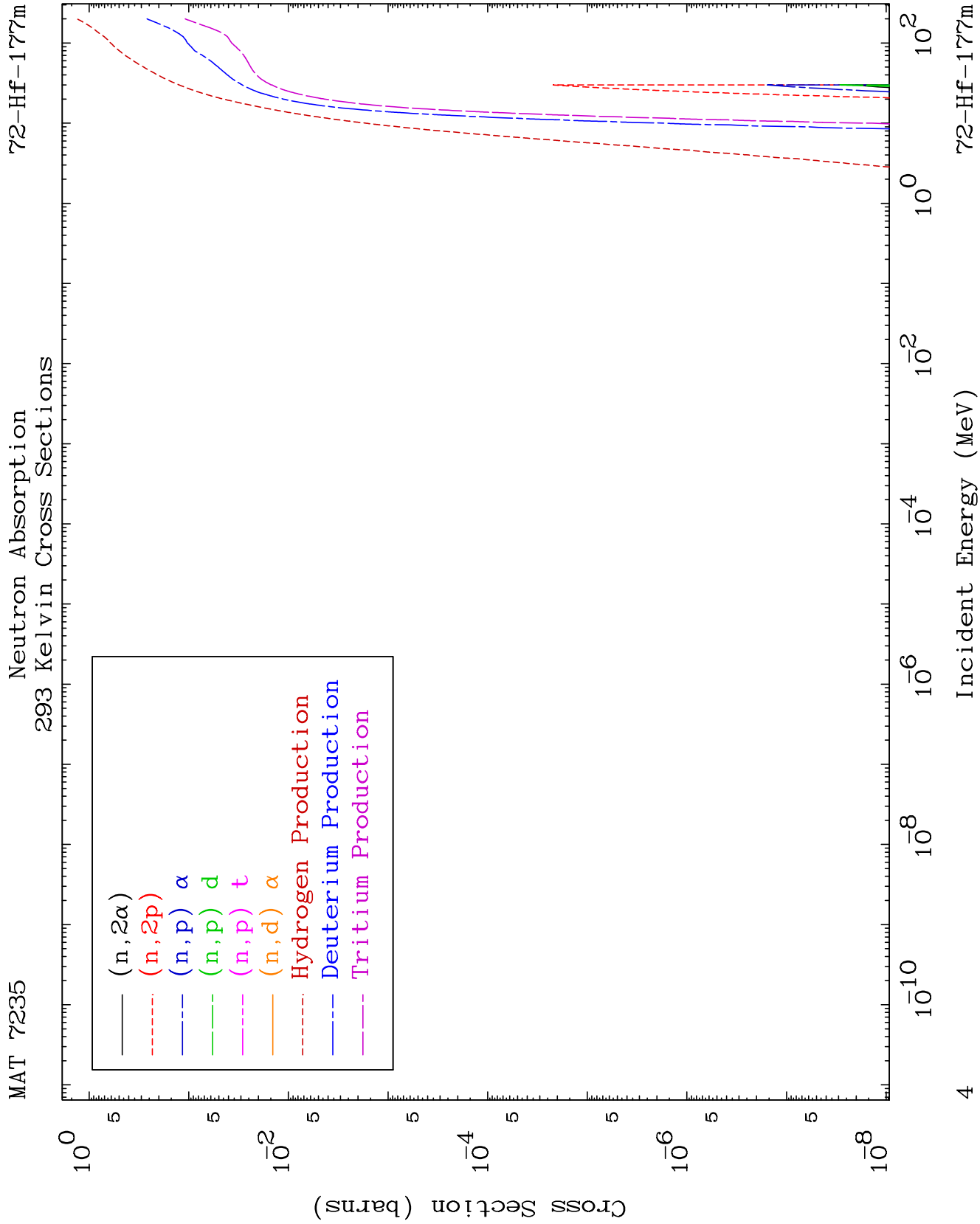
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Neutron Absorption
293 Kelvin Cross Sections

72-Hf-177m



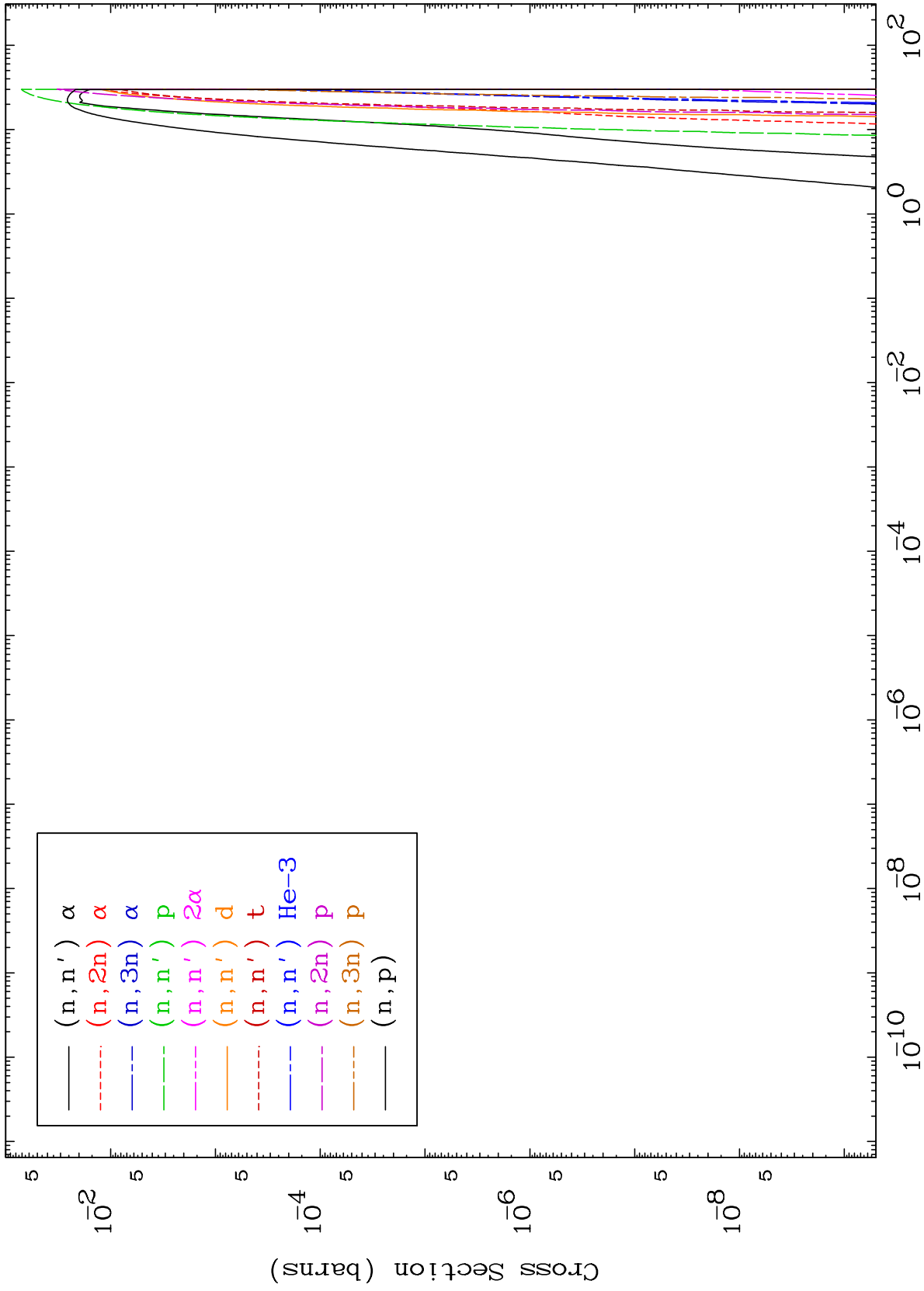




MAT 7235

Charged Particle
293 Kelvin Cross Sections

72-Hf-177m



5

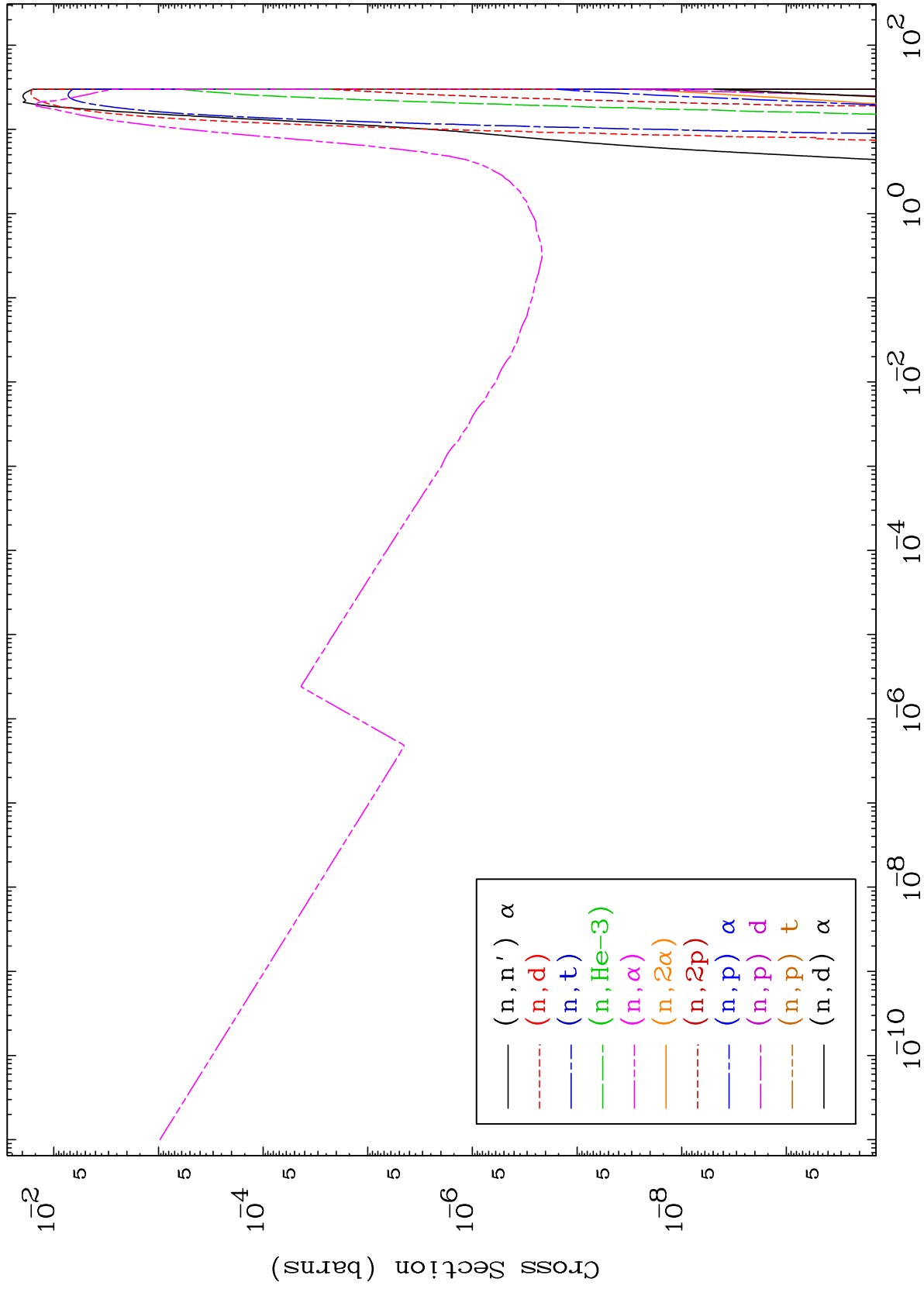
Incident Energy (MeV)

72-Hf-177m

MAT 7235

Charged Particle
293 Kelvin Cross Sections

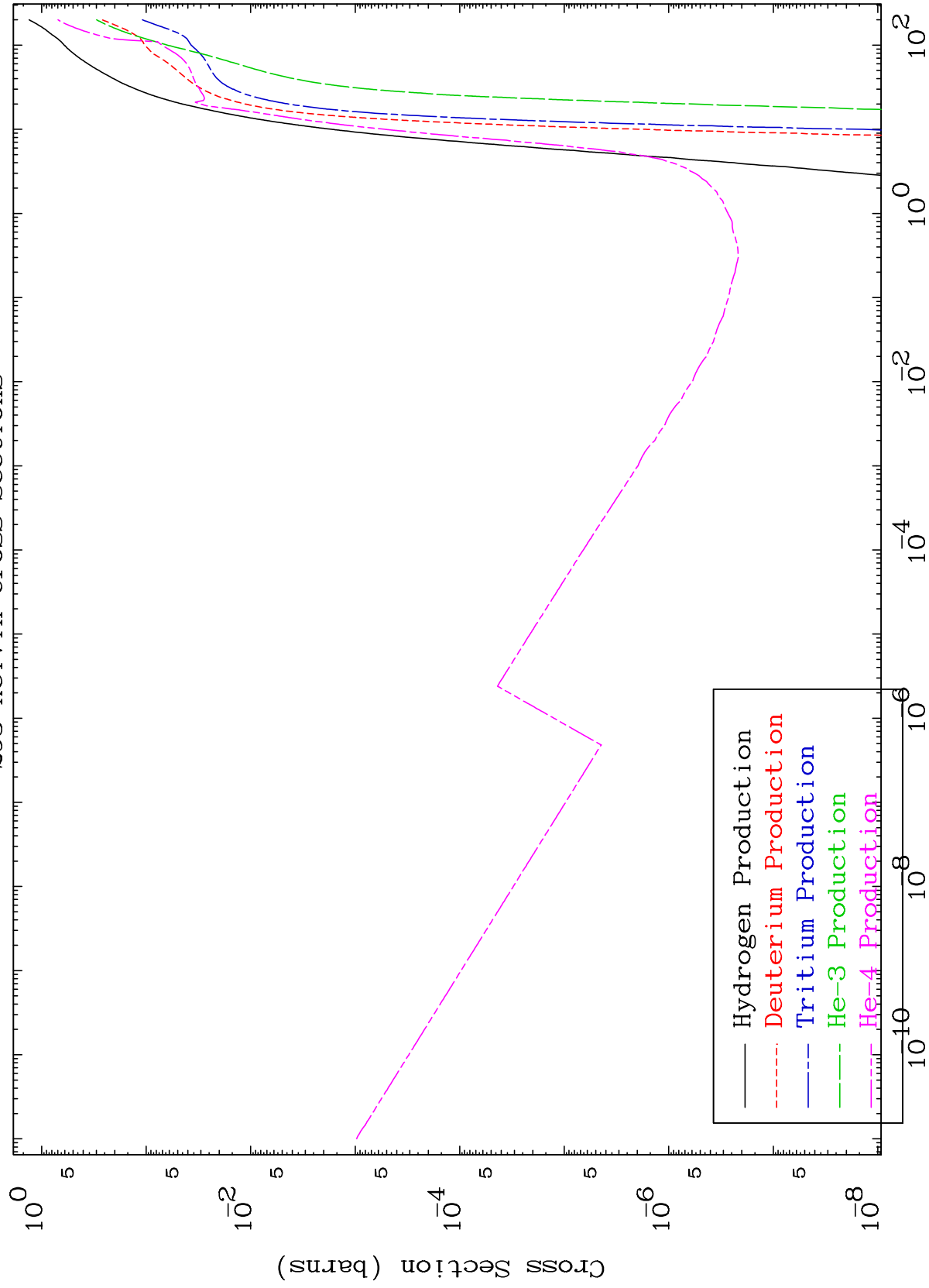
72-Hf-177m



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Particle Production
293 Kelvin Cross Sections

72-Hf-177m



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Incident Energy (MeV)

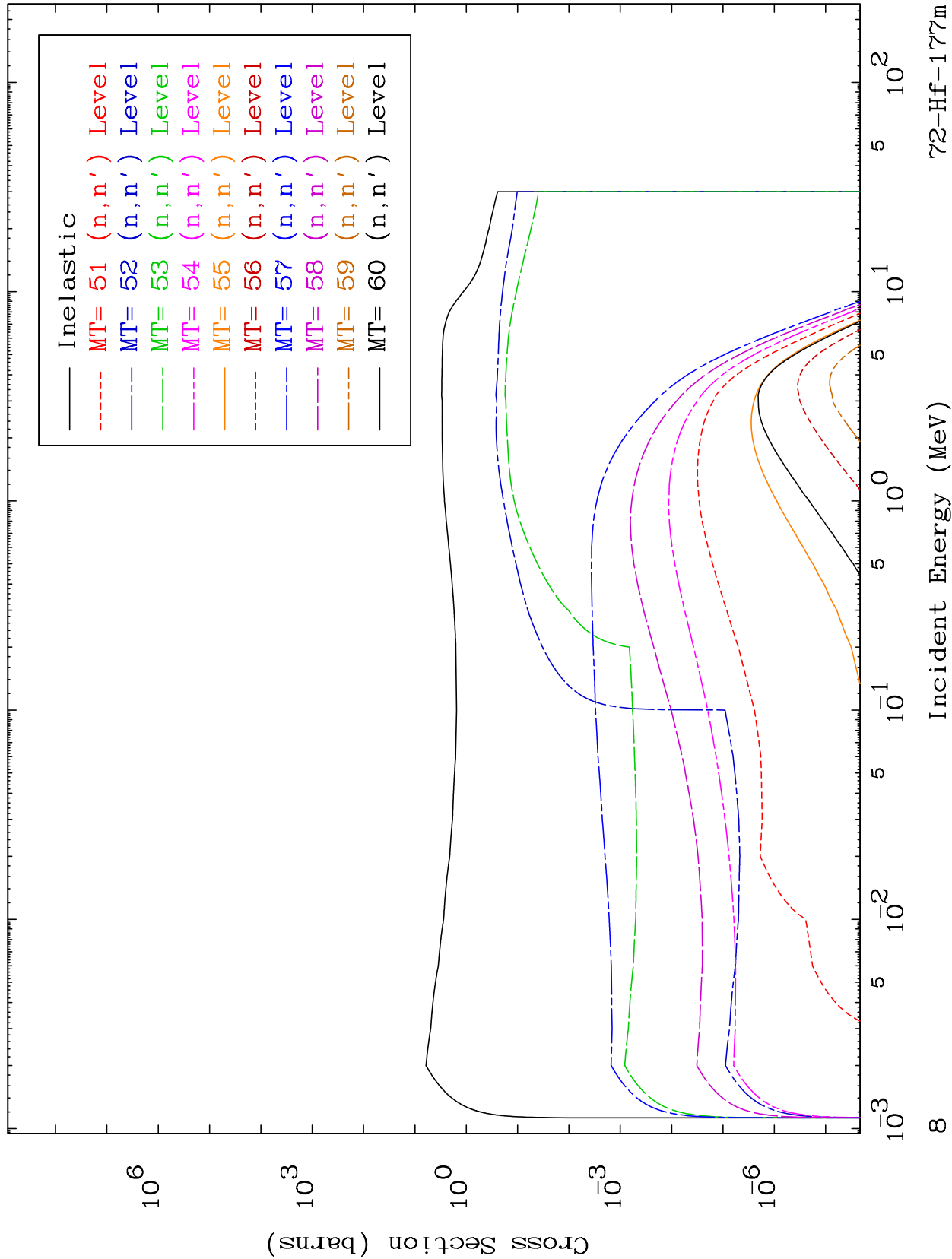
72-Hf-177m

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(n,n') Levels

72-Hf-177m

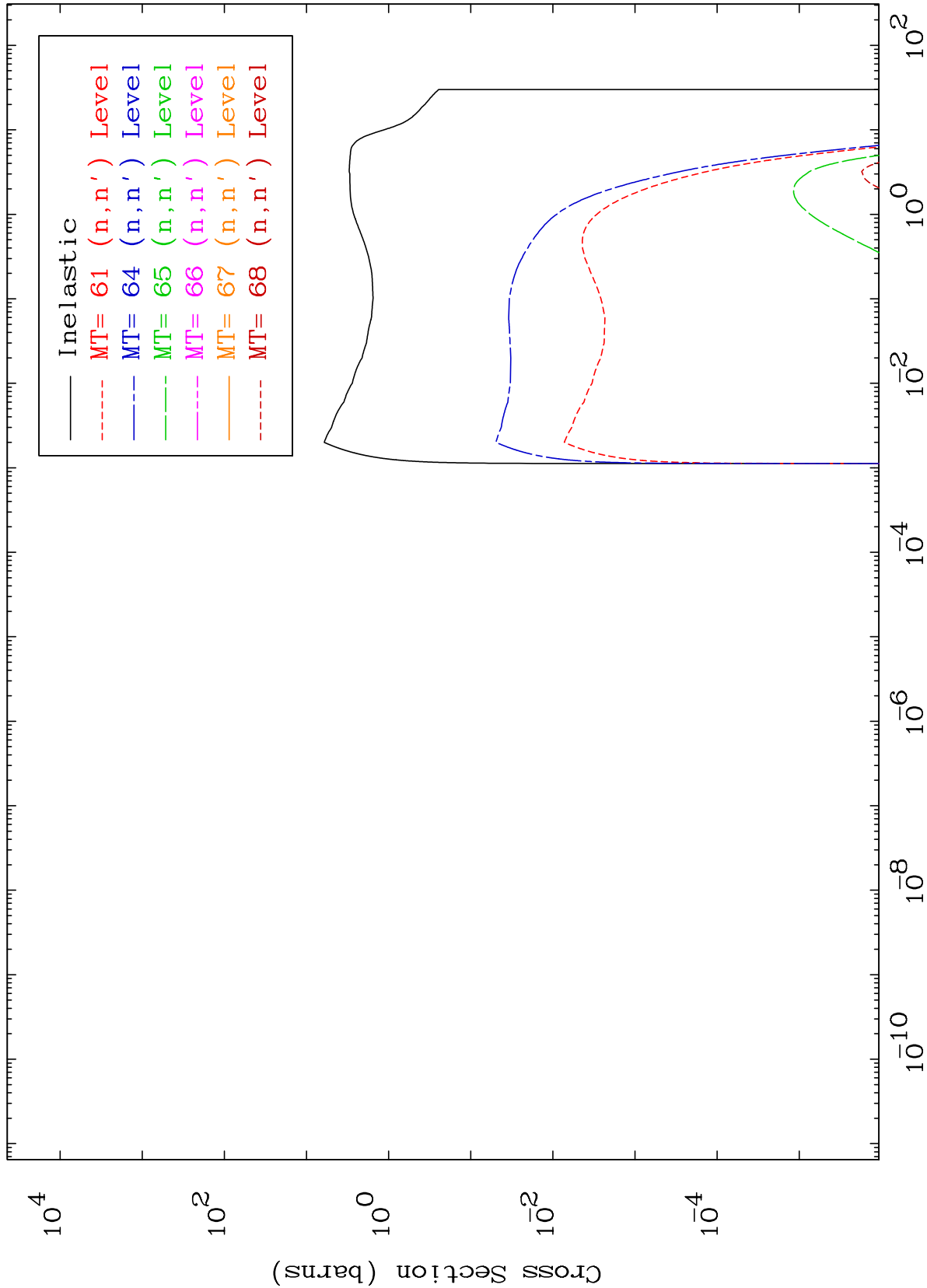
293 Kelvin Cross Sections



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(n,n') Levels
293 Kelvin Cross Sections

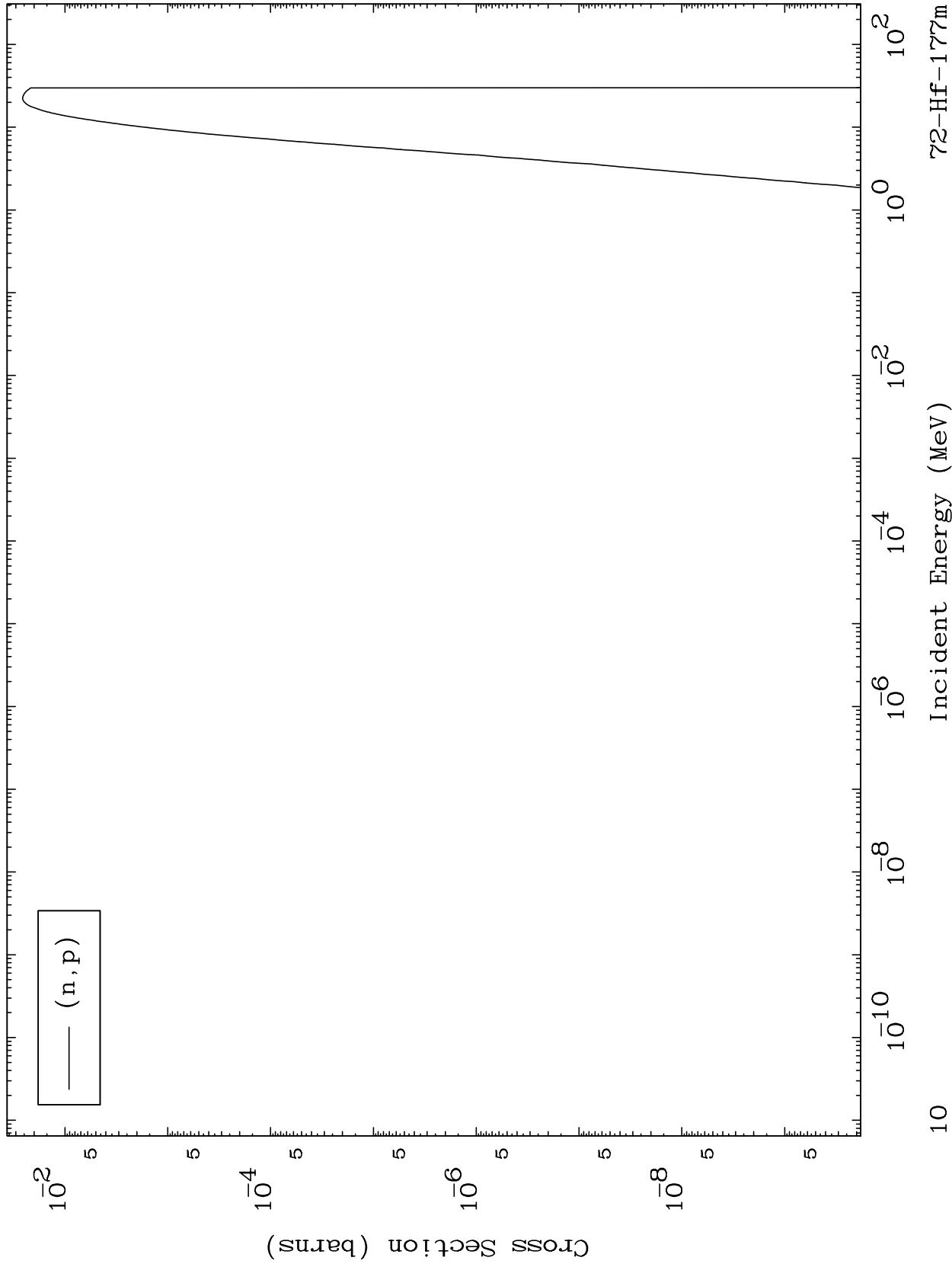
72-Hf-177m



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(n,p) Levels
293 Kelvin Cross Sections

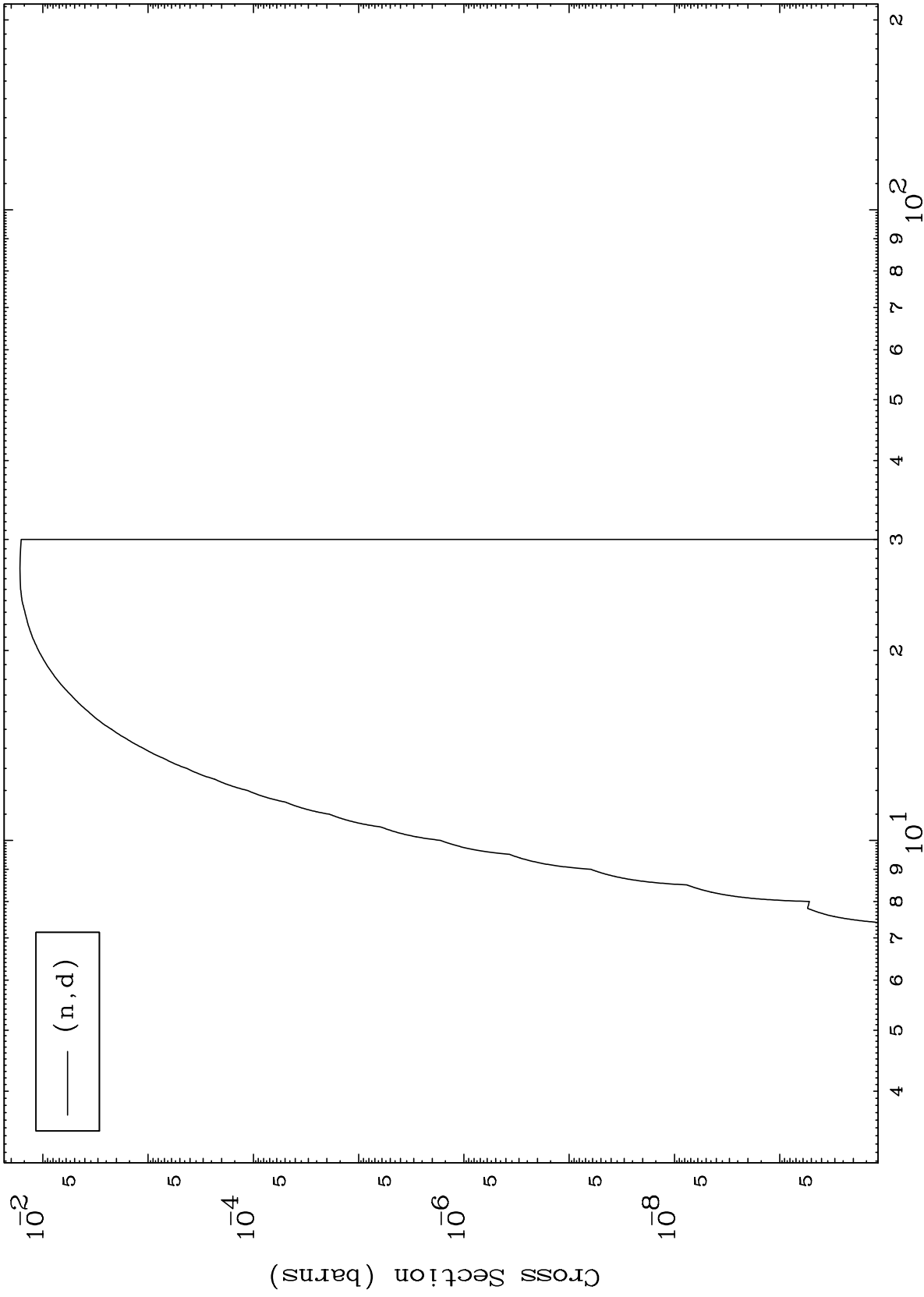
72-Hf-177m



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(n,d) Levels
293 Kelvin Cross Sections

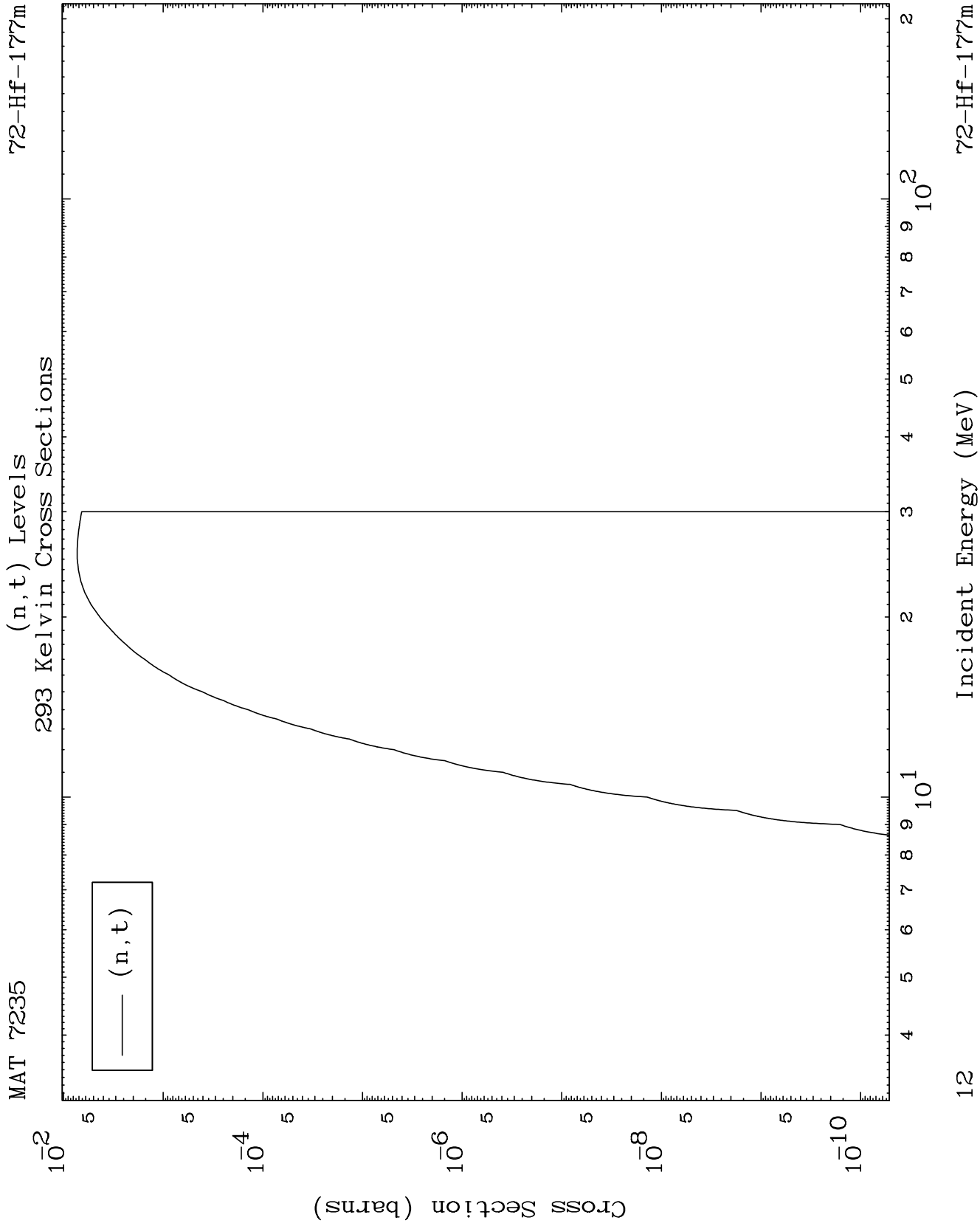
⁷²Hf-177m



11

Incident Energy (MeV)

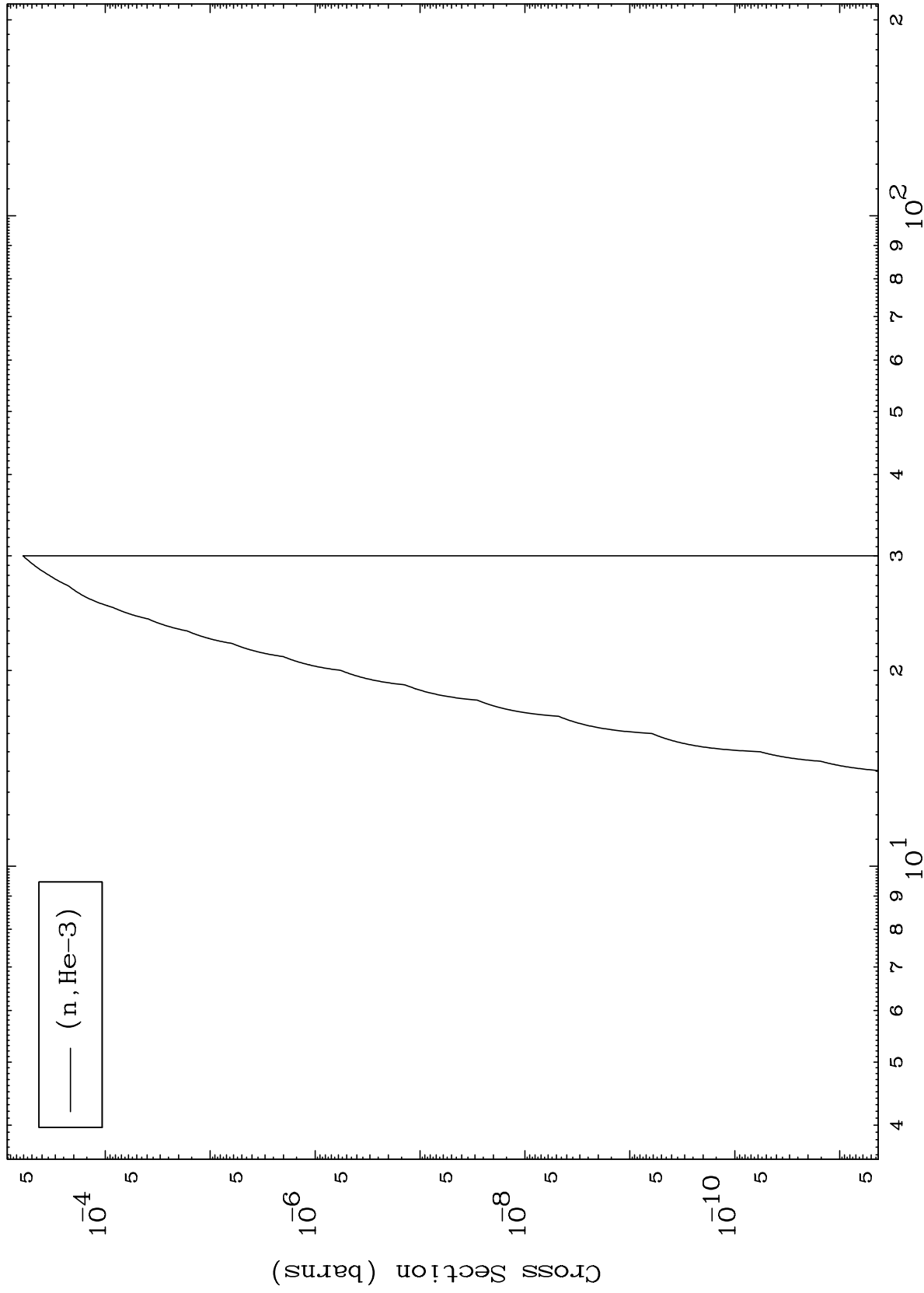
⁷²Hf-177m



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(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-177m



13

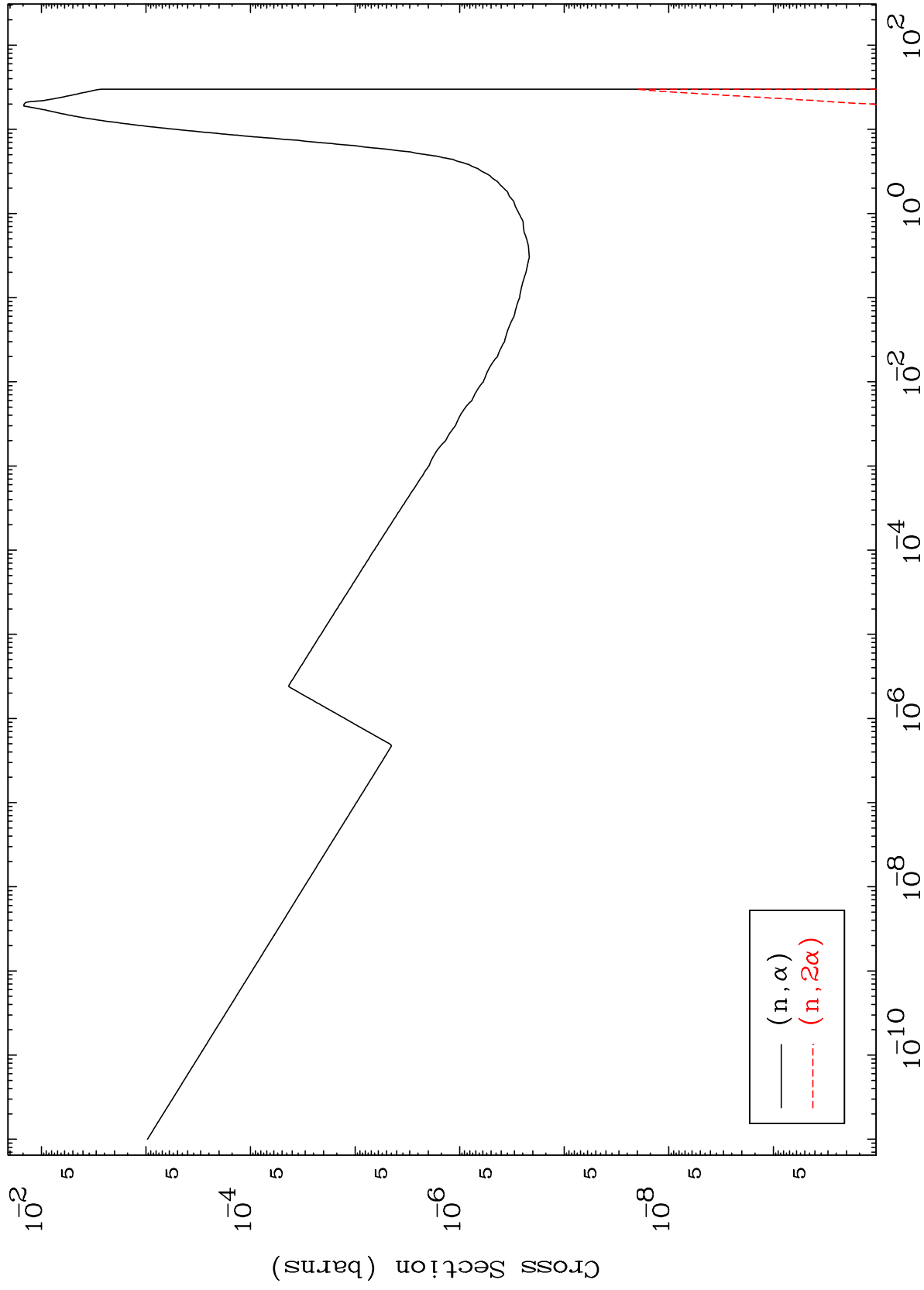
Incident Energy (MeV)

72-Hf-177m

MAT 7235

(n, α) Levels
293 Kelvin Cross Sections

⁷²Hf-177m

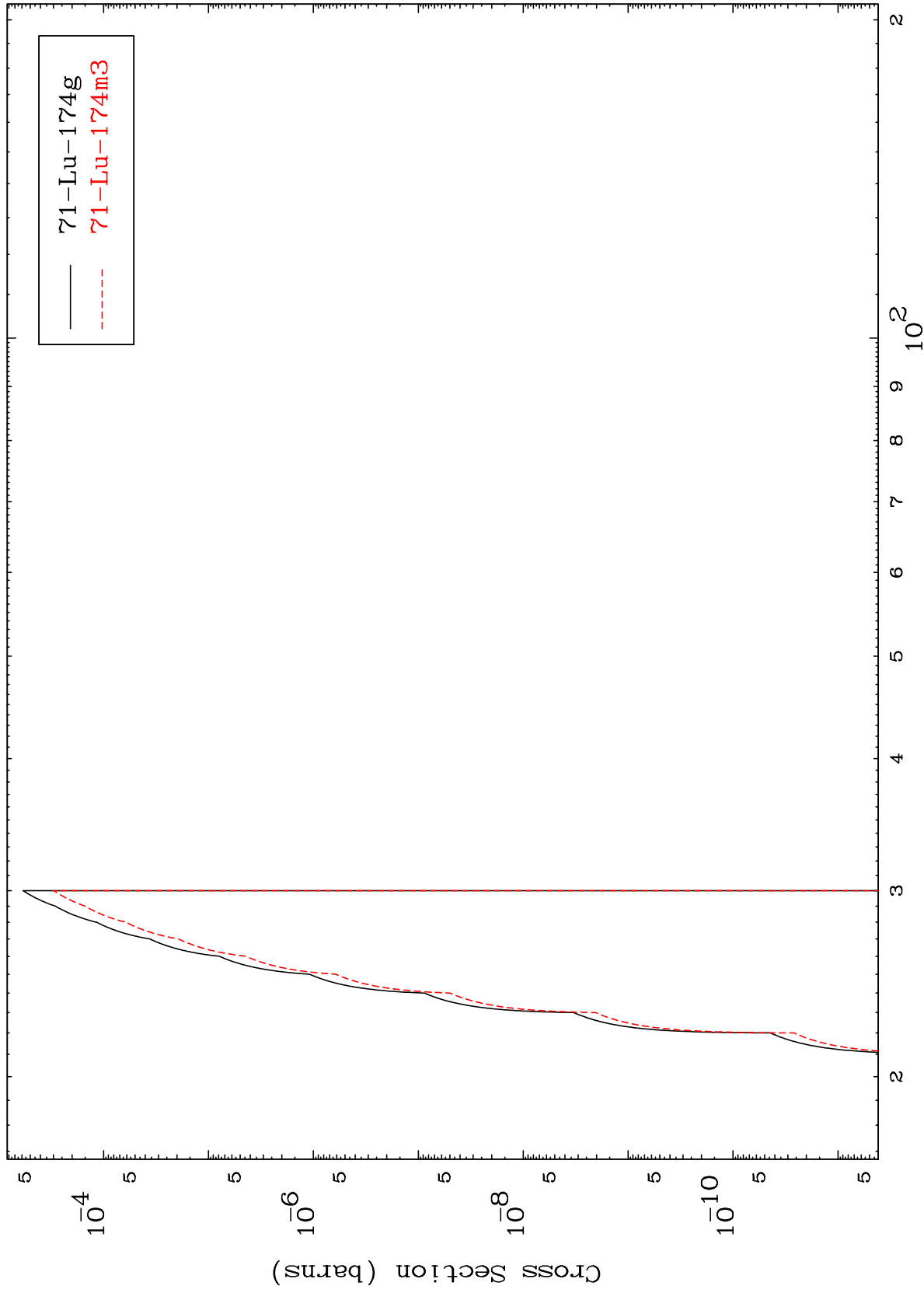


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(n,2n) d

Radionuclide Production Cross Section

⁷²Hf-177m



15

Incident Energy (MeV)

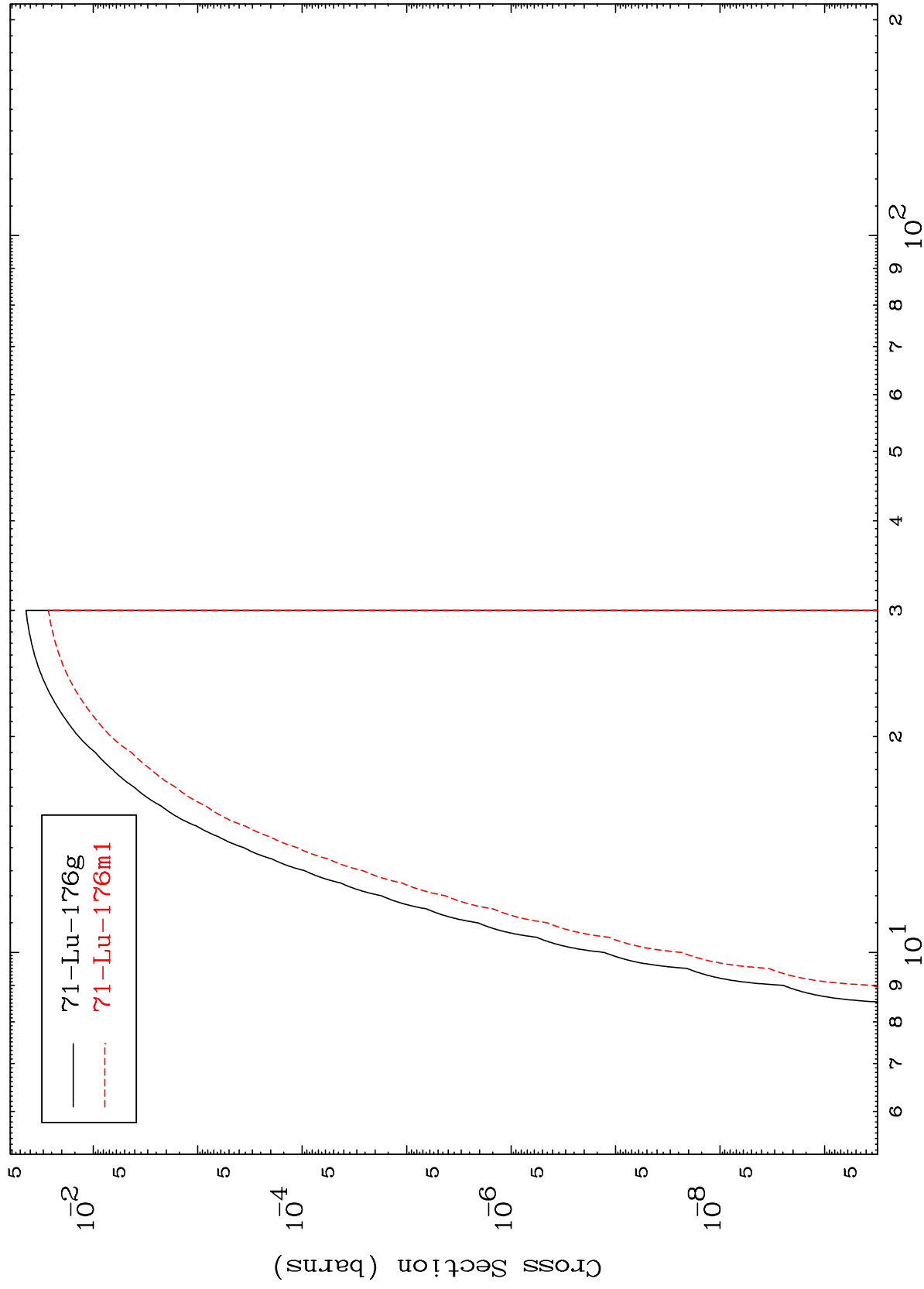
⁷²Hf-177m

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(n,n') p

⁷²Hf-177m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

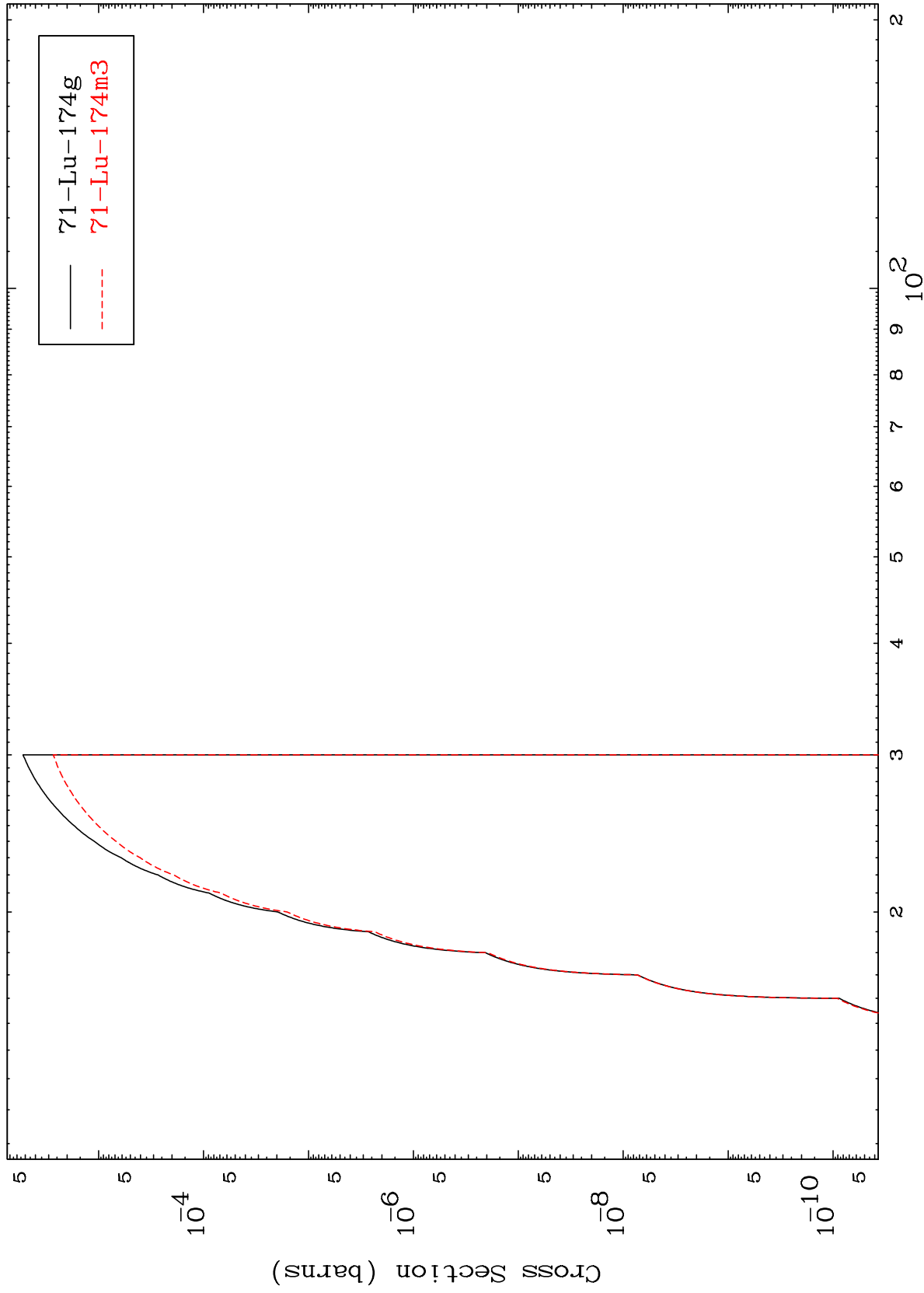
⁷²Hf-177m

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(n,n') t

⁷²Hf-177m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

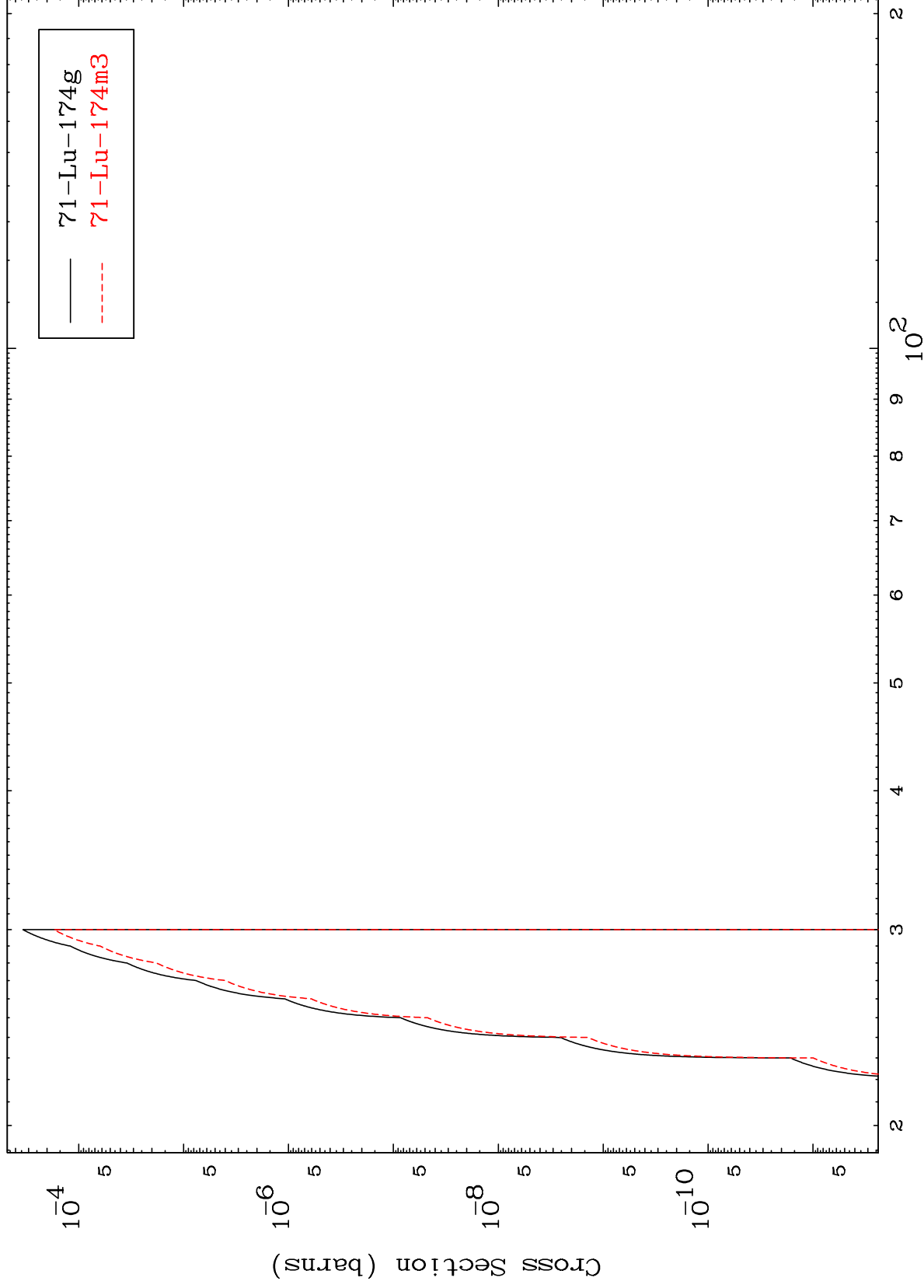
⁷²Hf-177m

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(n,3n) p

⁷²Hf-177m

Radionuclide Production Cross Section



18

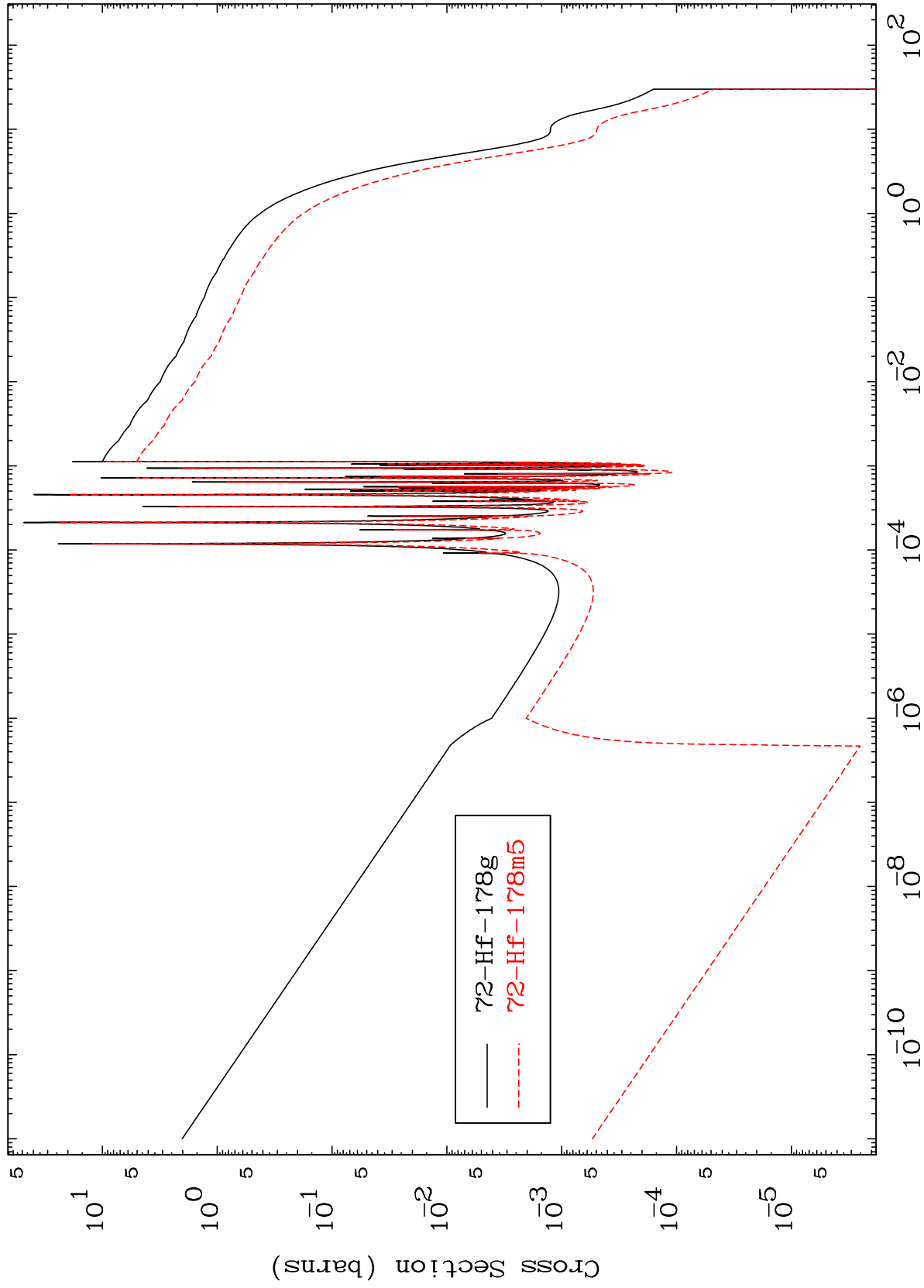
Incident Energy (MeV)

⁷²Hf-177m

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Radionuclide Production Cross Section
(n, γ)

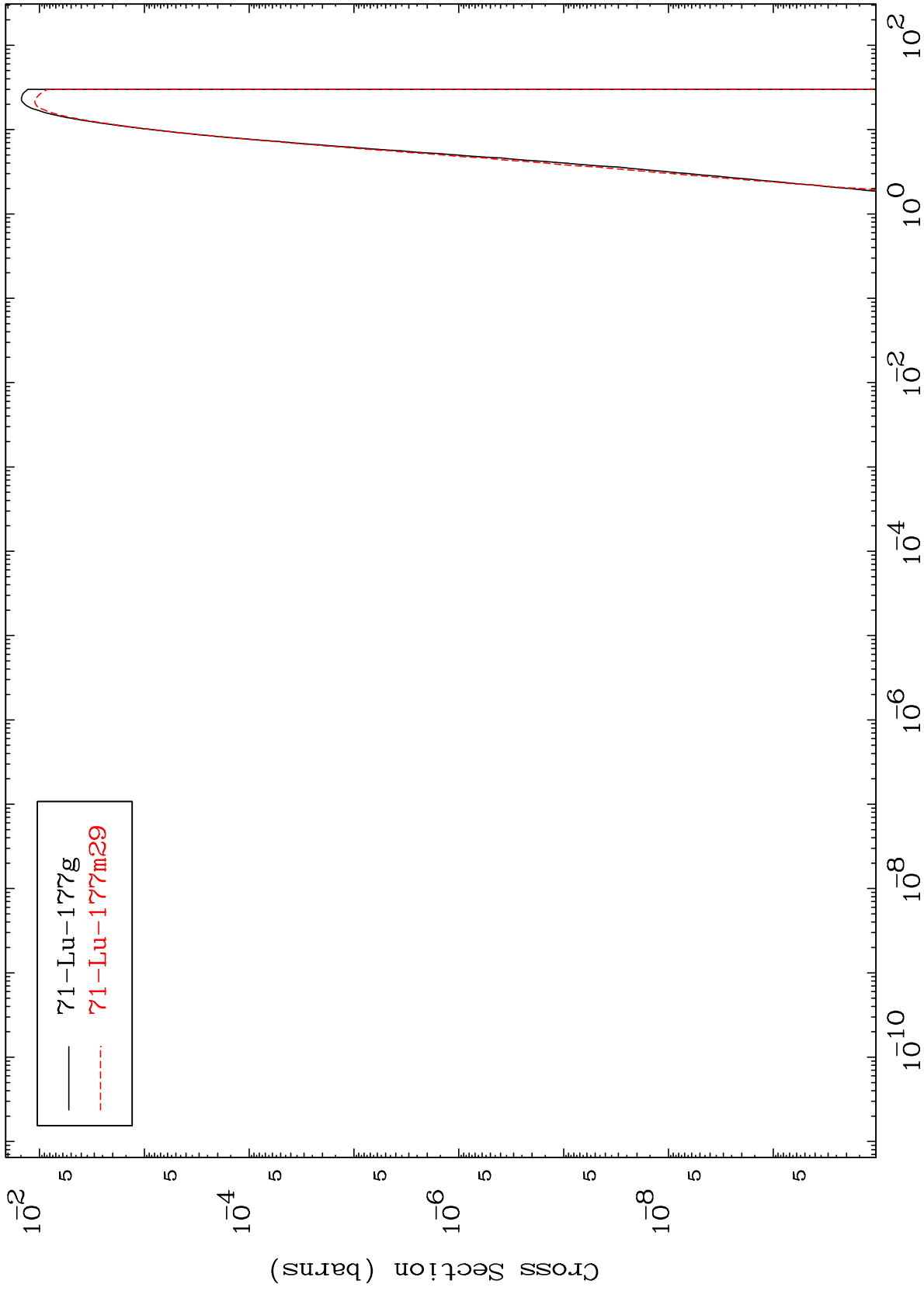
$^{72}\text{Hf}-177\text{m}$



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(n,p)
Radionuclide Production Cross Section

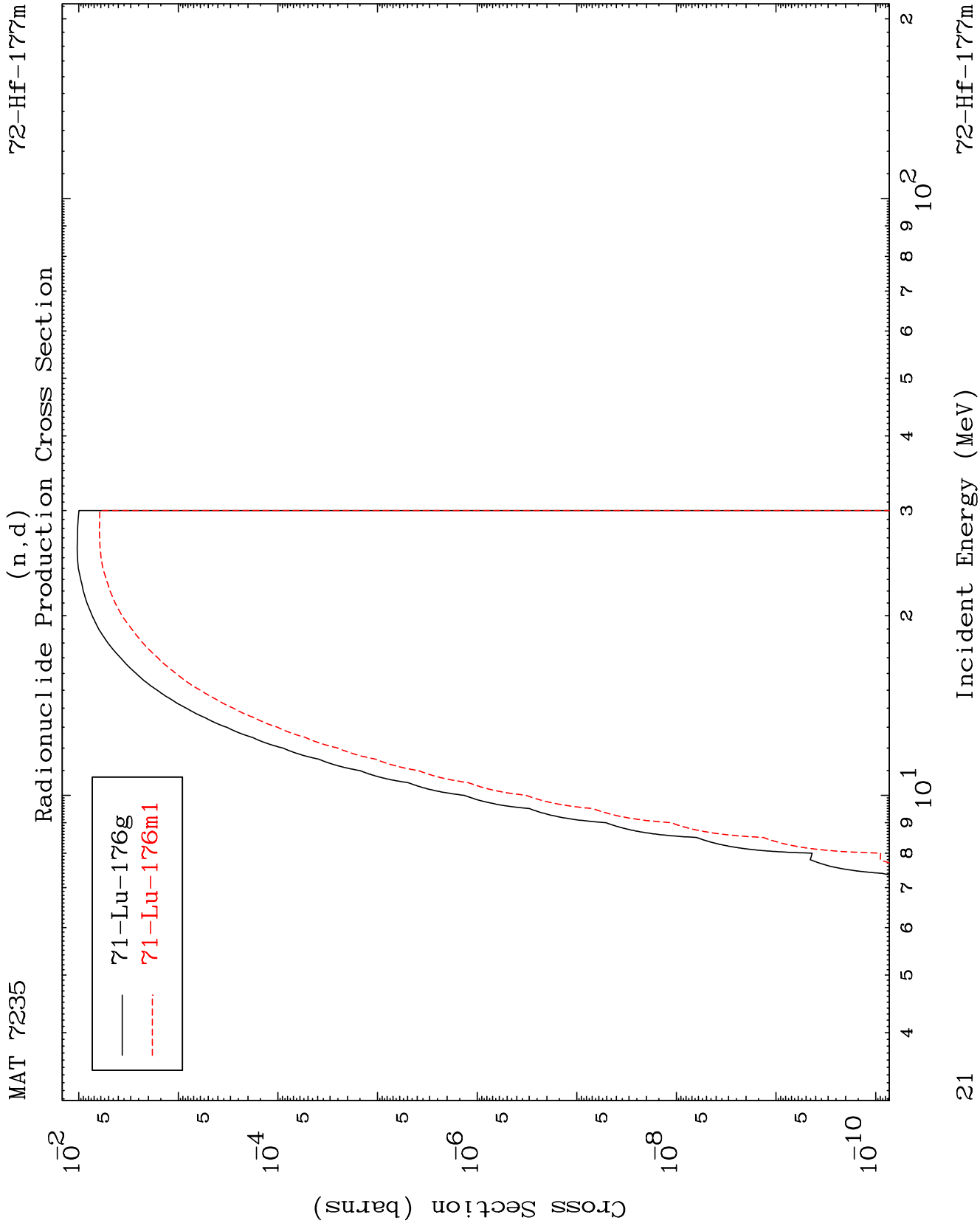
⁷²Hf-177m



20

Incident Energy (MeV)

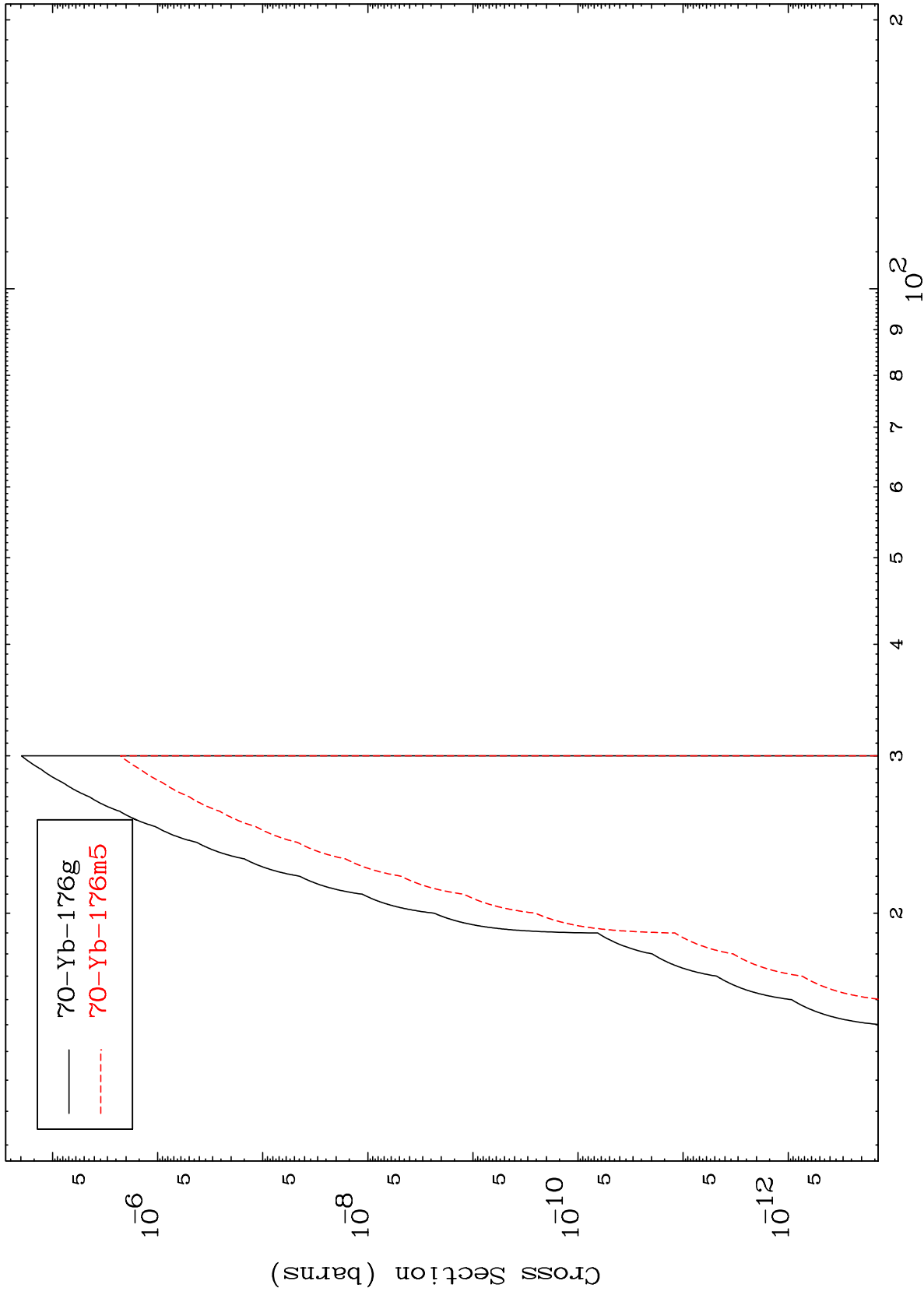
⁷²Hf-177m



MAT 7235

Radionuclide Production Cross Section
(n,2p)

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



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Incident Energy (MeV)

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