

Program EVALPLOT
(Version 2021-1)

by

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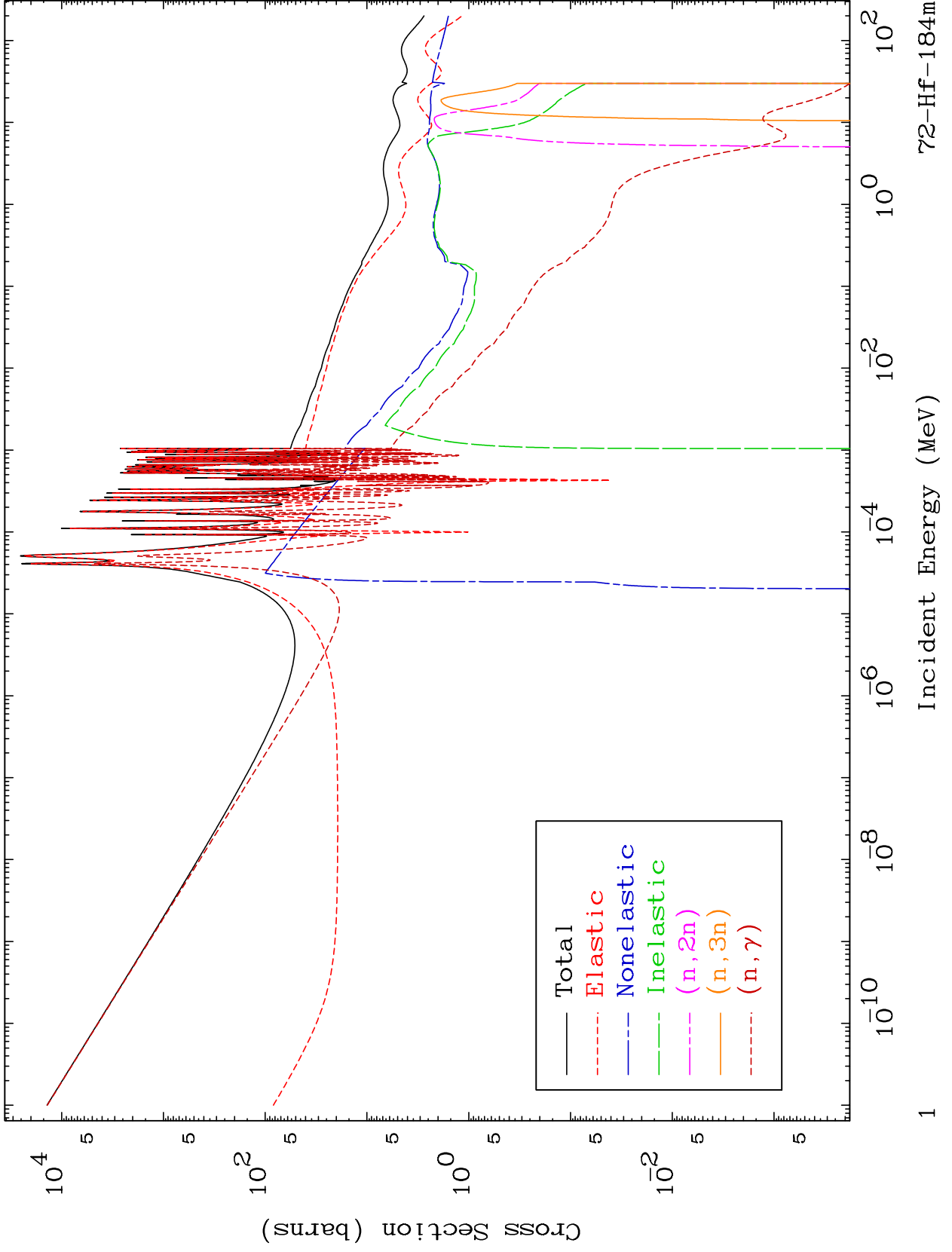
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7256

Neutron Major
293 Kelvin Cross Sections

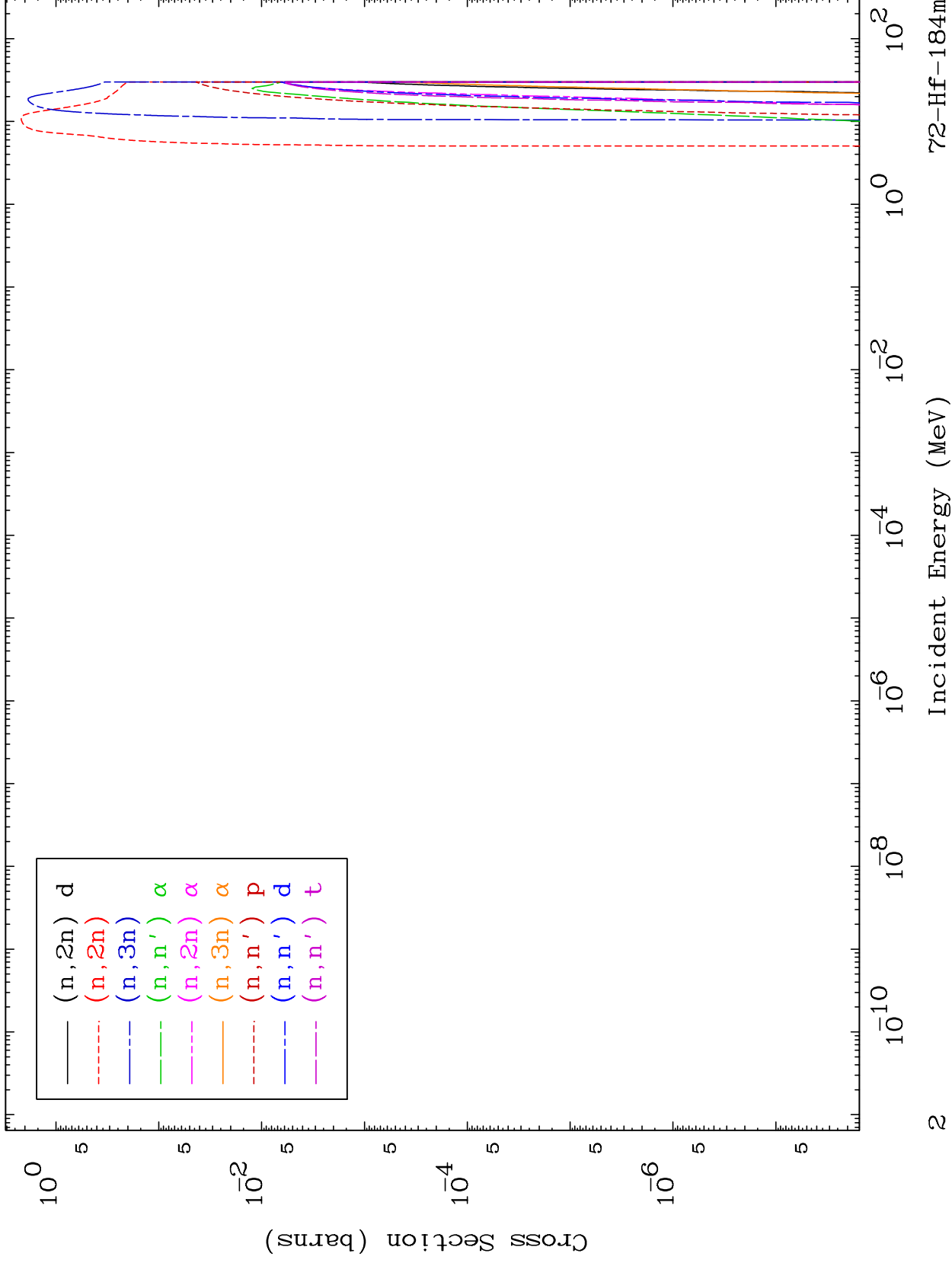
72-Hf-184m



MAT 7256

Neutron Absorption
293 Kelvin Cross Sections

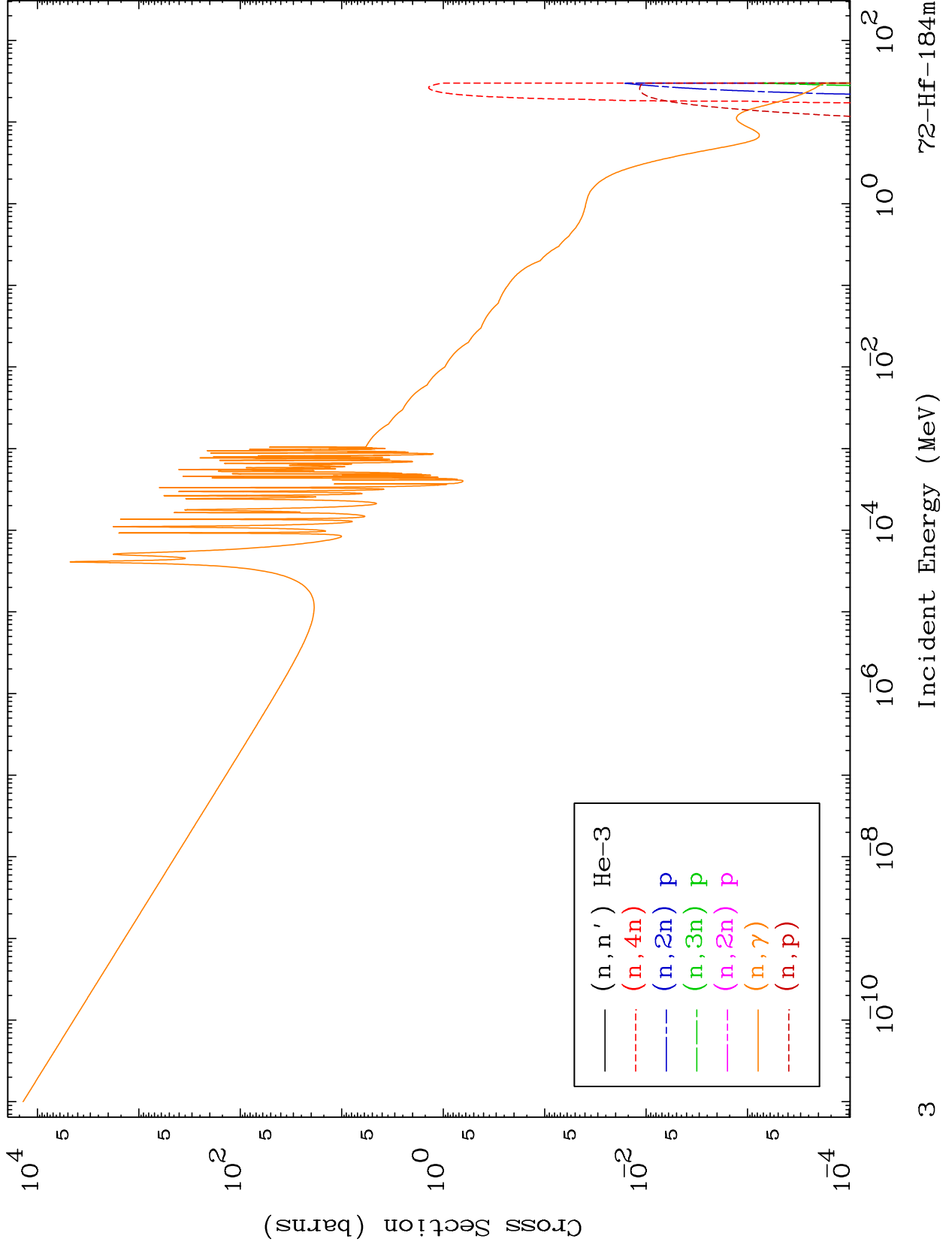
72-Hf-184m



MAT 7256

Neutron Absorption
293 Kelvin Cross Sections

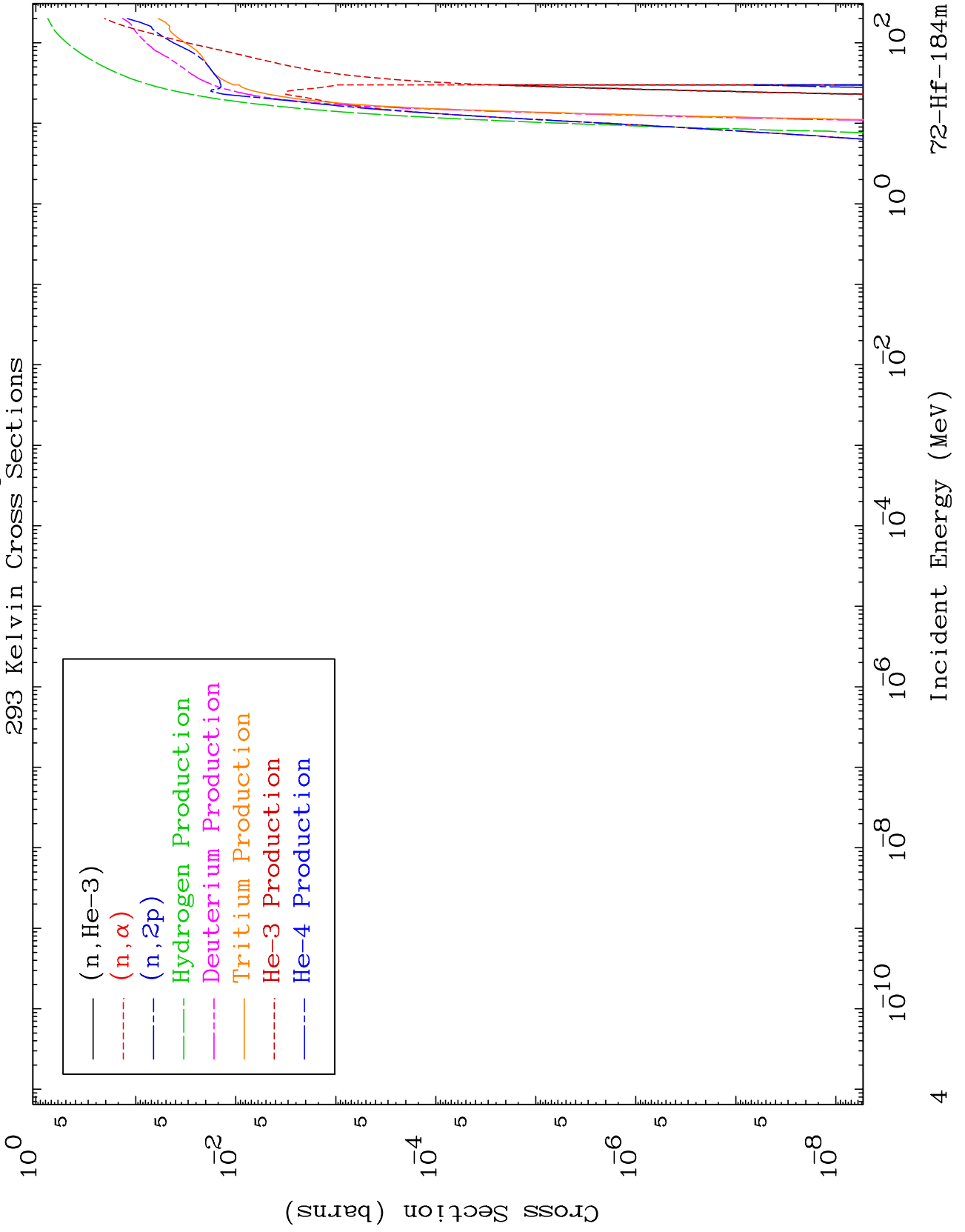
⁷²Hf-184m



MAT 7256

Neutron Absorption
293 Kelvin Cross Sections

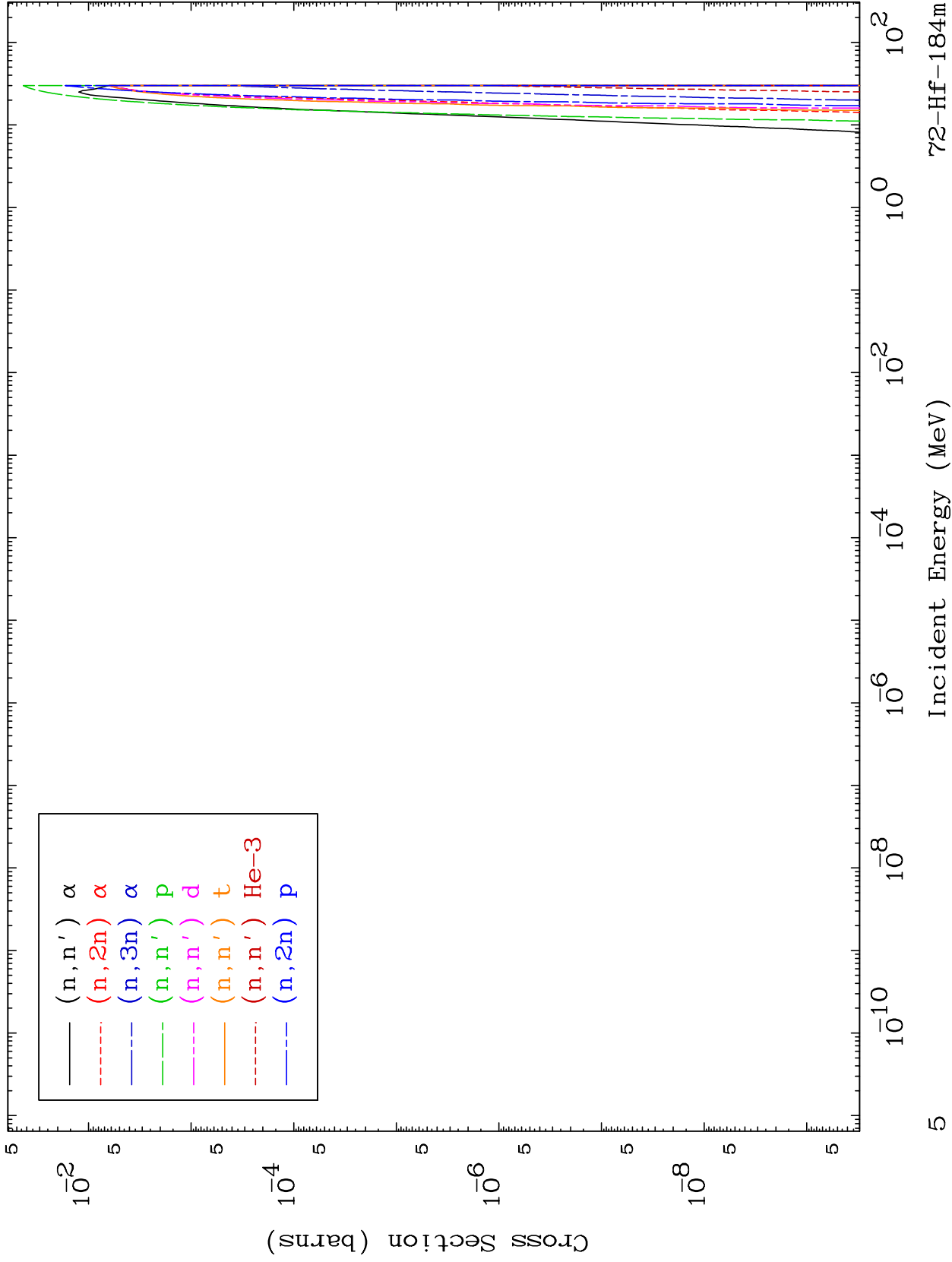
72-Hf-184m



MAT 7256

Charged Particle
293 Kelvin Cross Sections

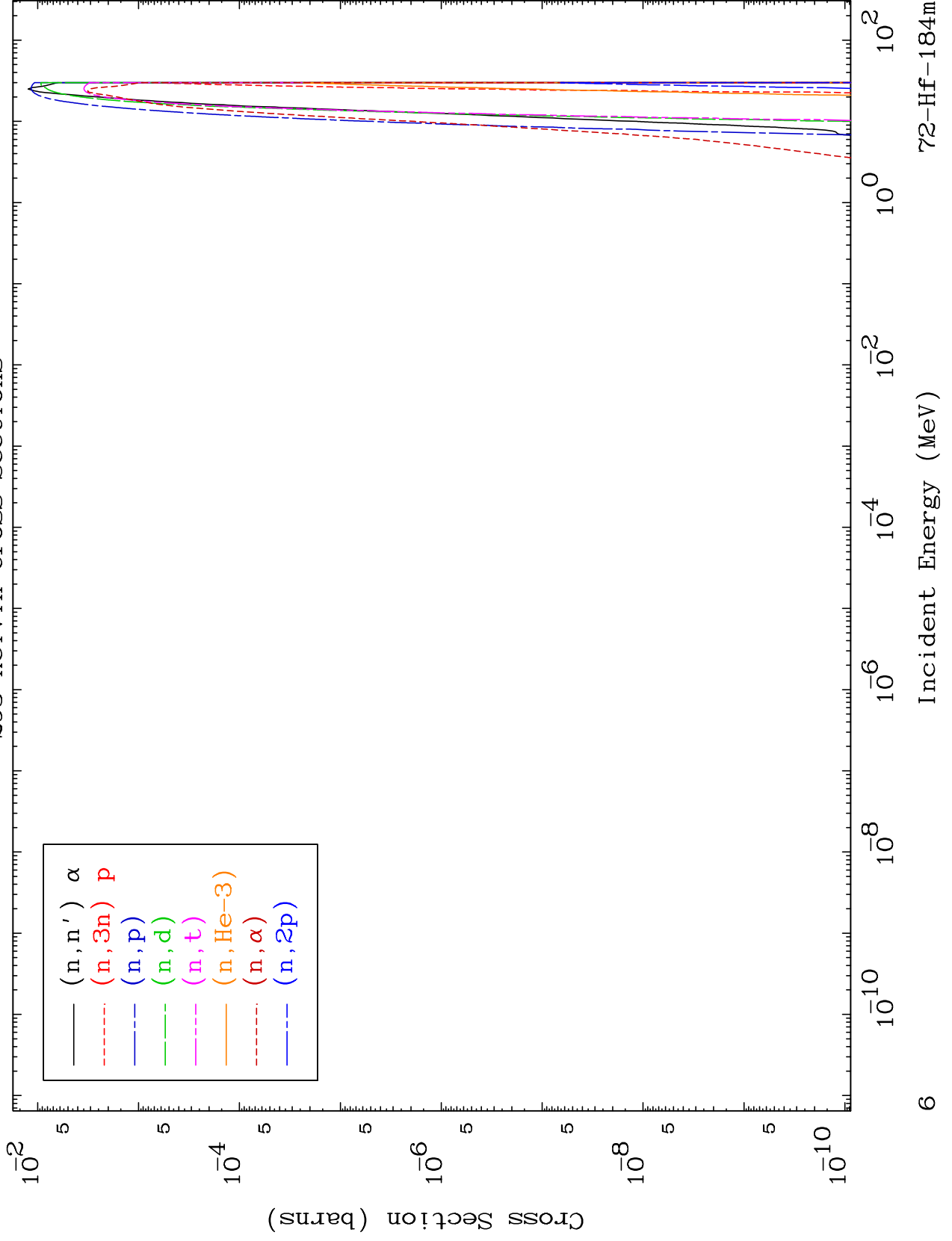
72-Hf-184m



MAT 7256

Charged Particle
293 Kelvin Cross Sections

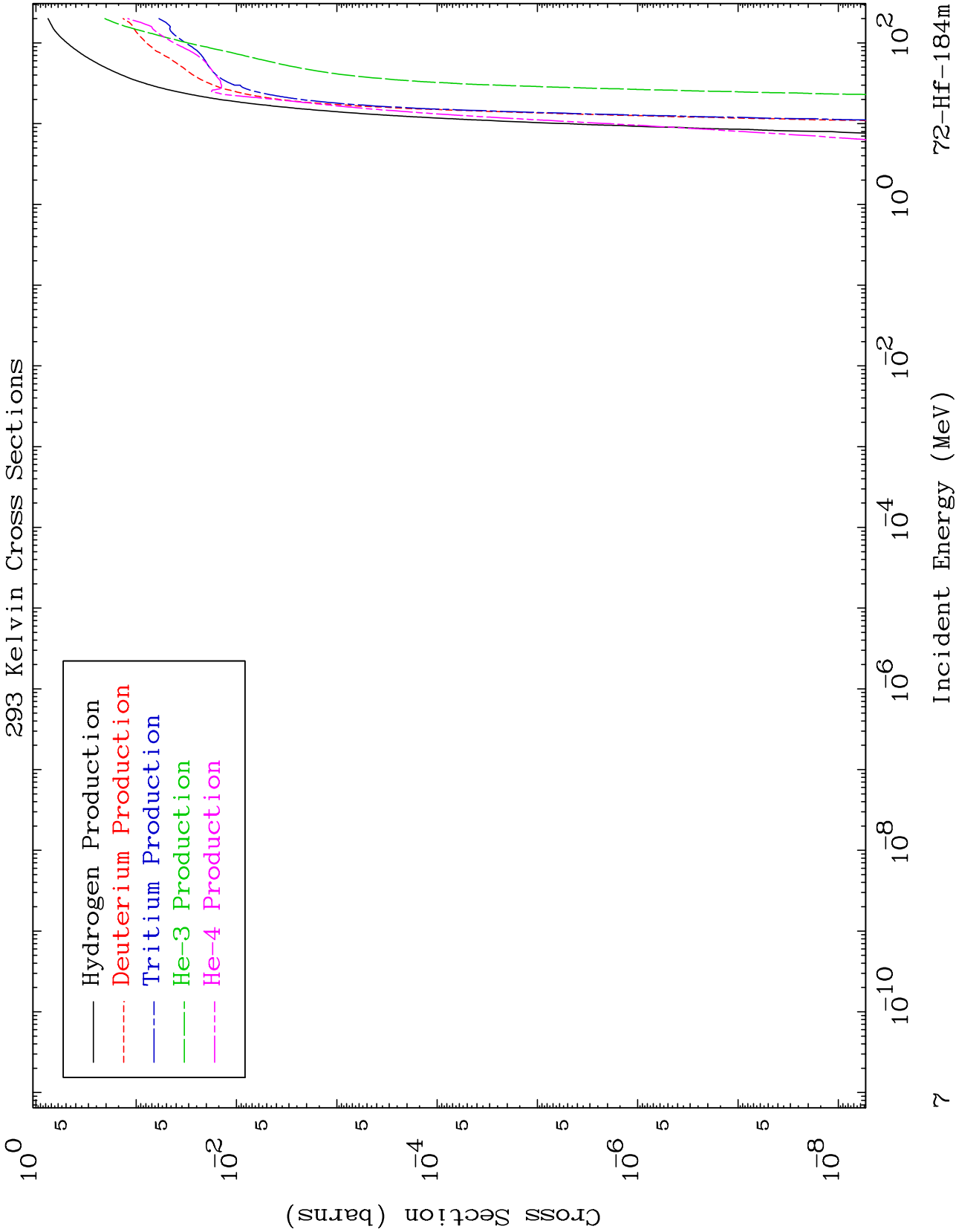
72-Hf-184m



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Particle Production
293 Kelvin Cross Sections

72-Hf-184m

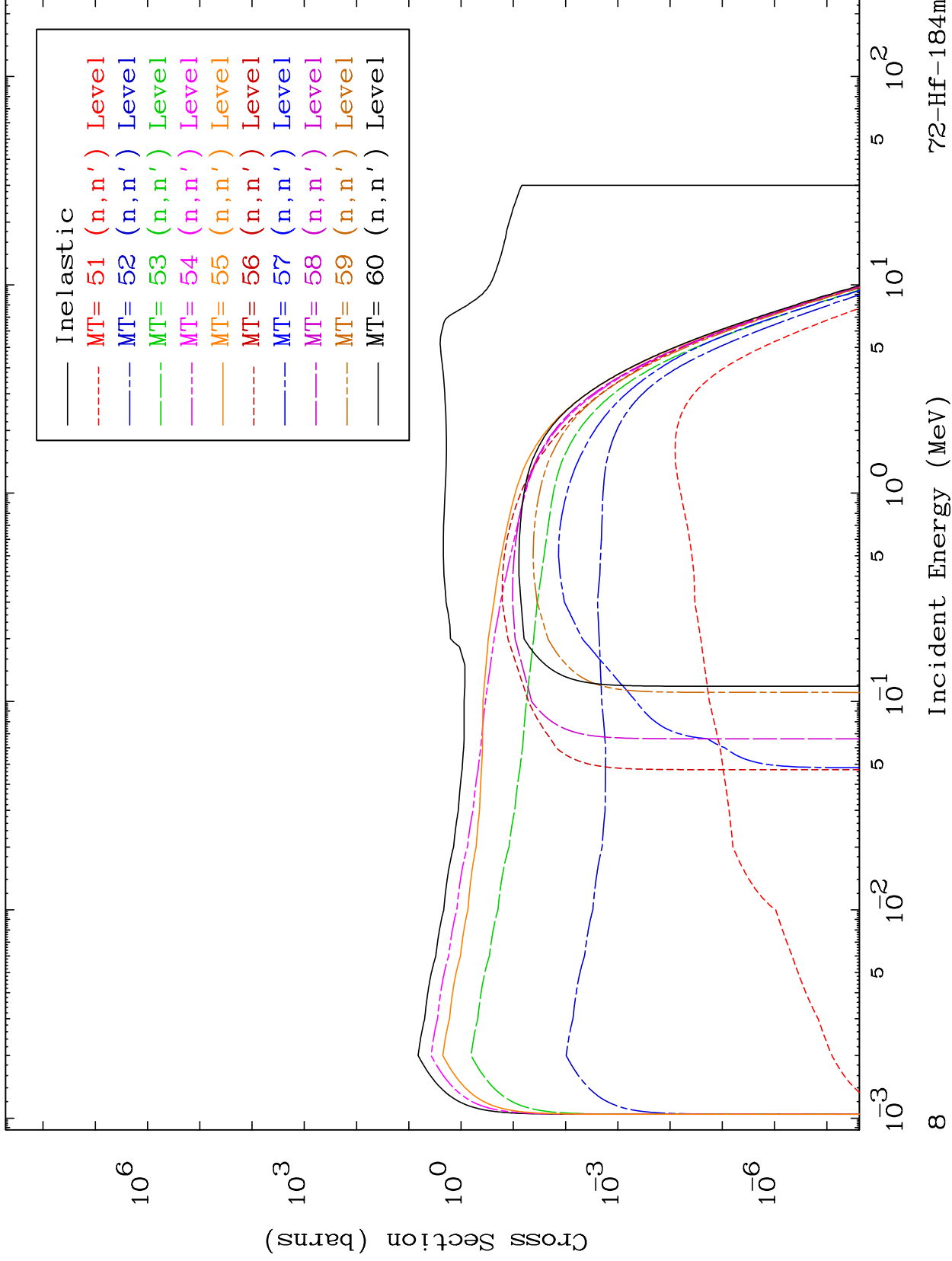


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(n,n') Levels

72-Hf-184m

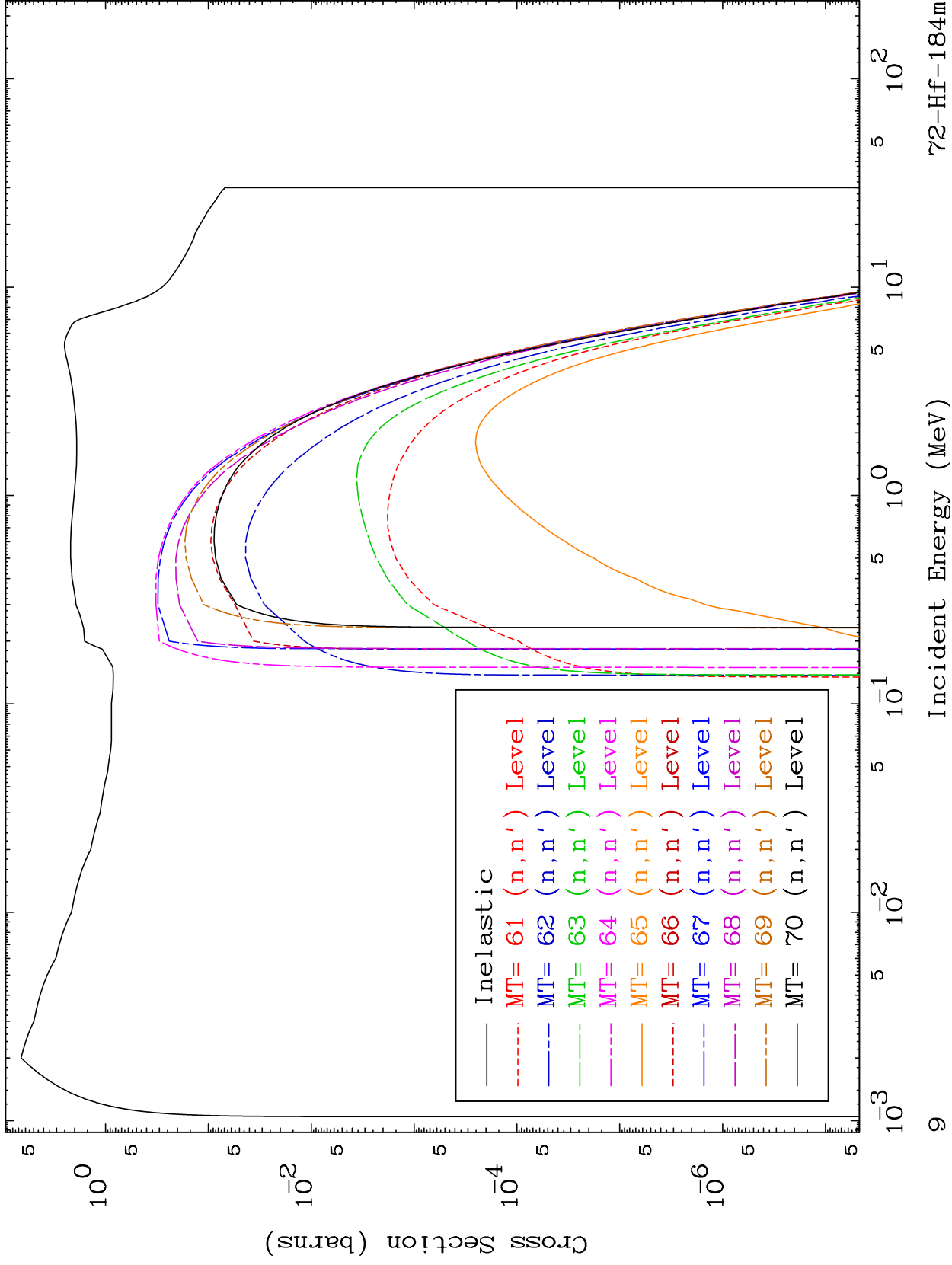
293 Kelvin Cross Sections



MAT 7256

(n,n') Levels
293 Kelvin Cross Sections

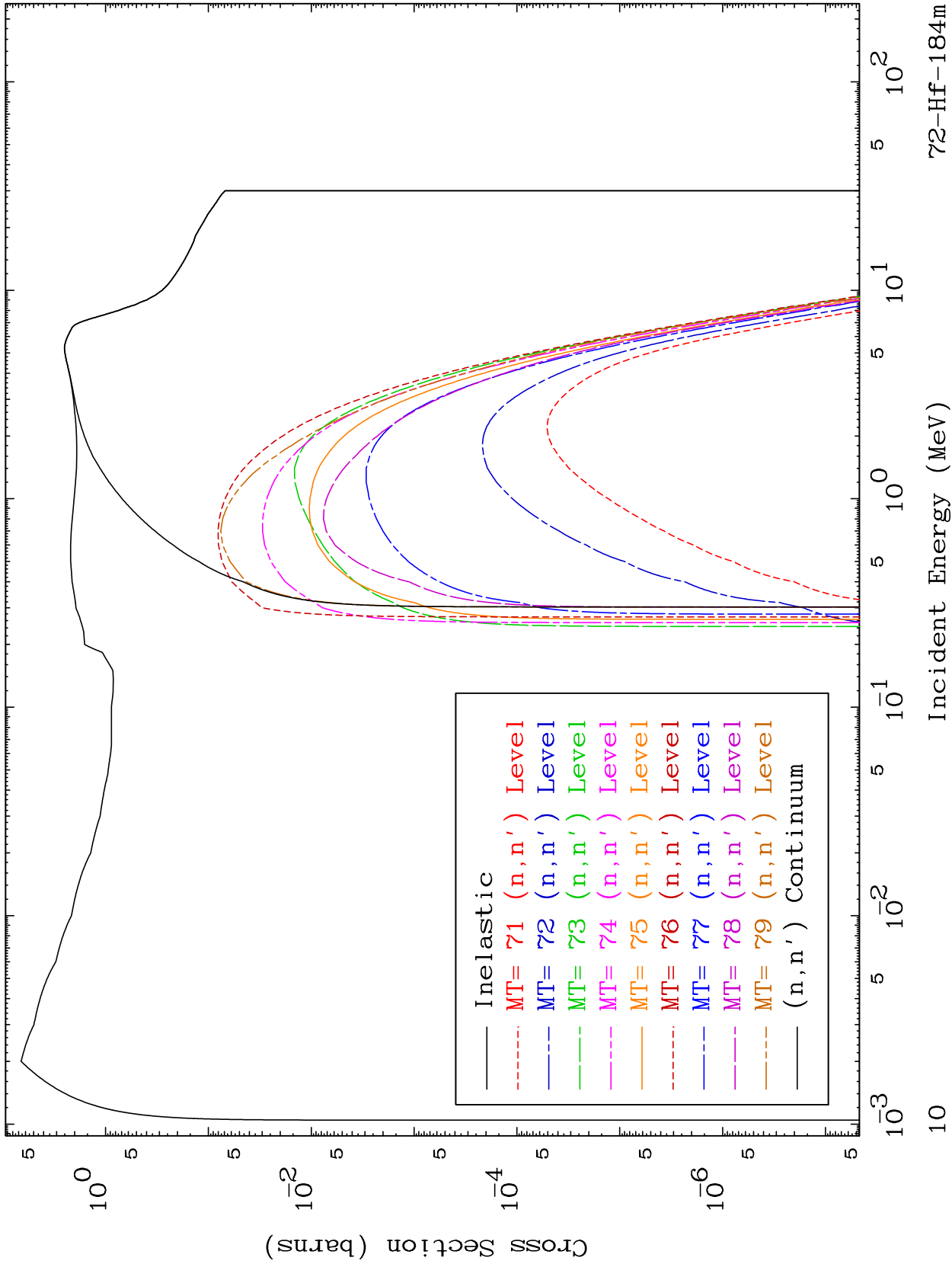
72-Hf-184m



MAT 7256

(n,n') Levels
293 Kelvin Cross Sections

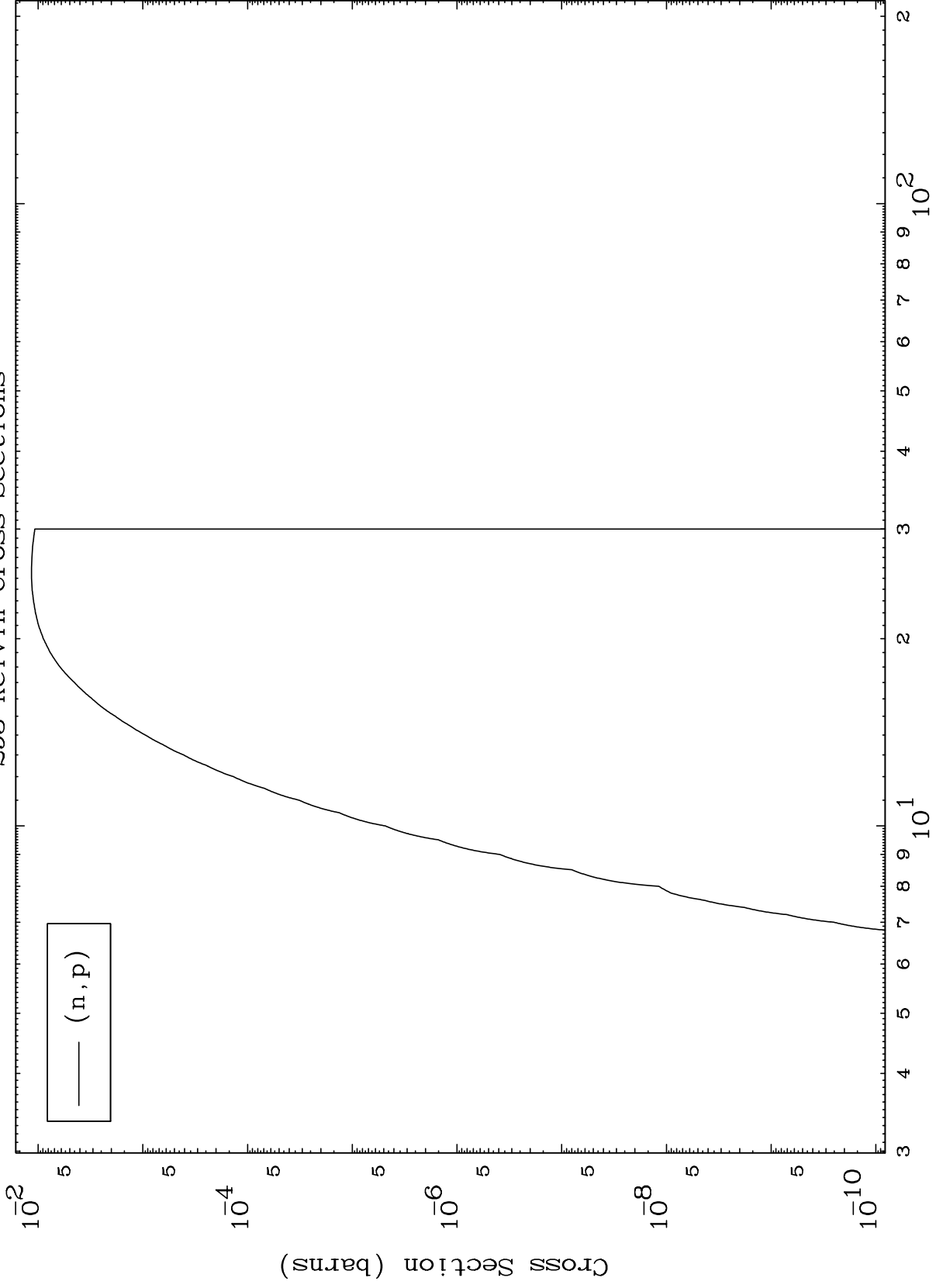
72-Hf-184m



MAT 7256

(n,p) Levels
293 Kelvin Cross Sections

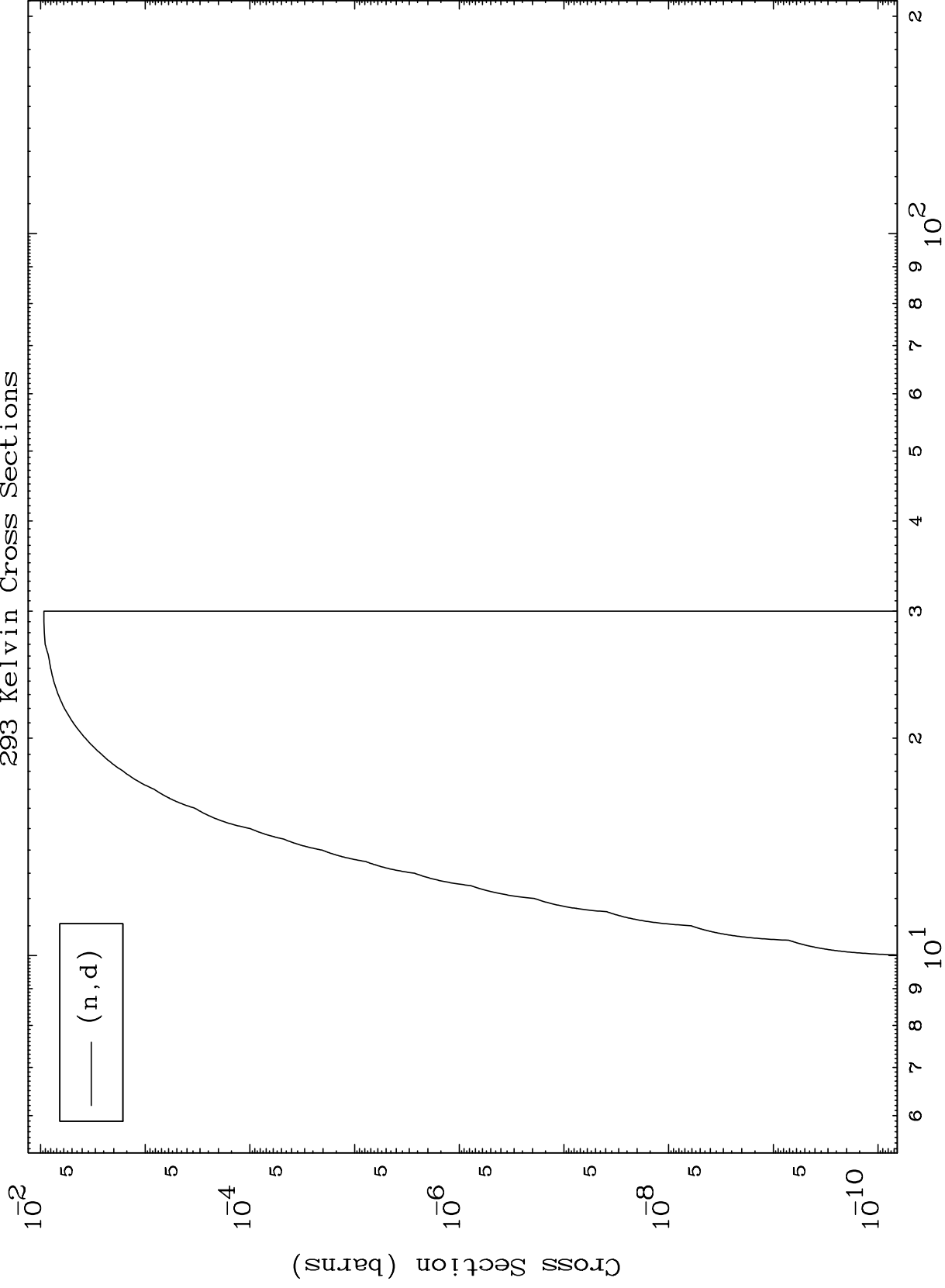
72-Hf-184m



MAT 7256

(n,d) Levels
293 Kelvin Cross Sections

⁷²Hf-184m



12

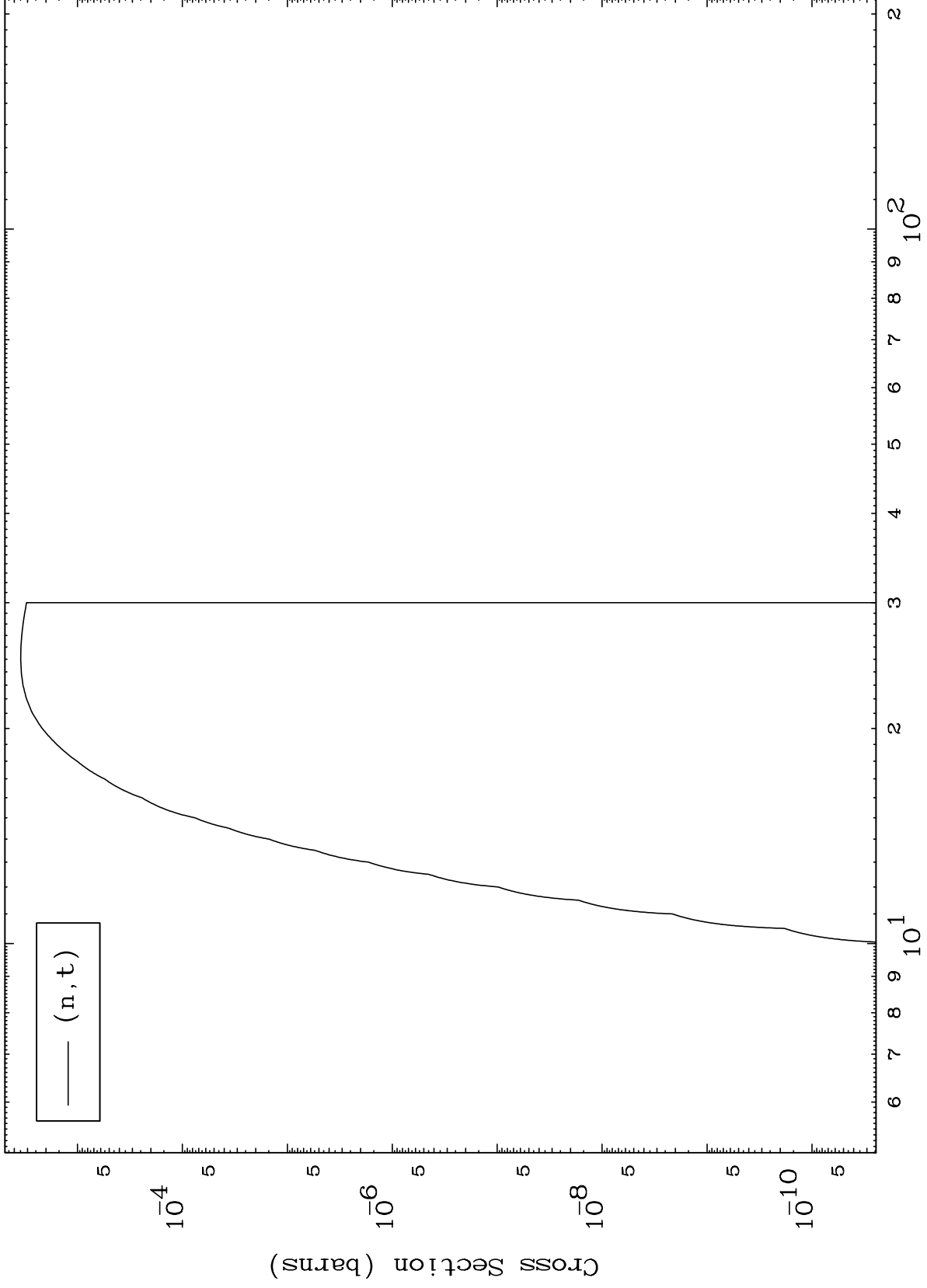
Incident Energy (MeV)

⁷²Hf-184m

MAT 7256

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-184m



13

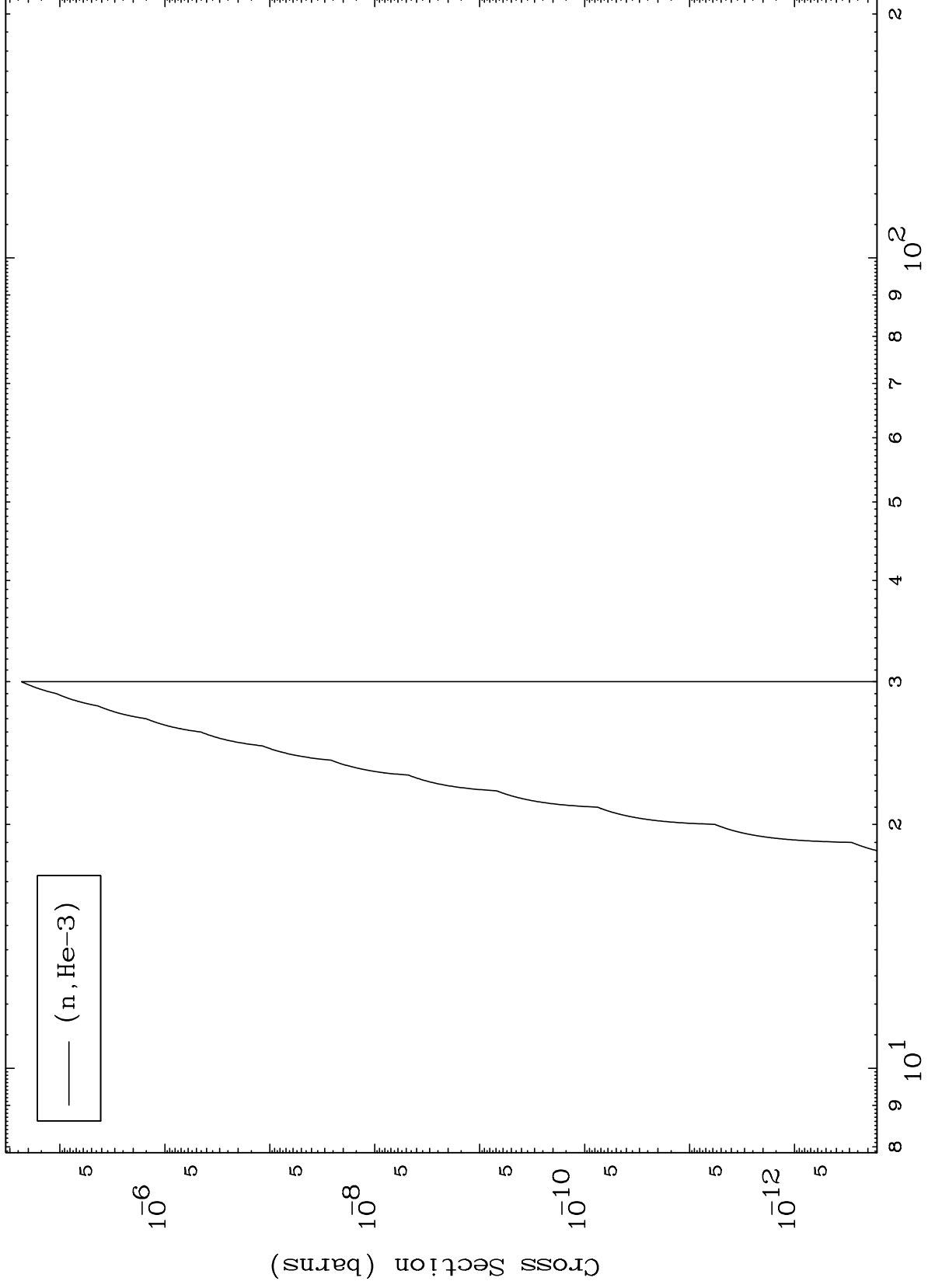
Incident Energy (MeV)

72-Hf-184m

MAT 7256

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-184m



14

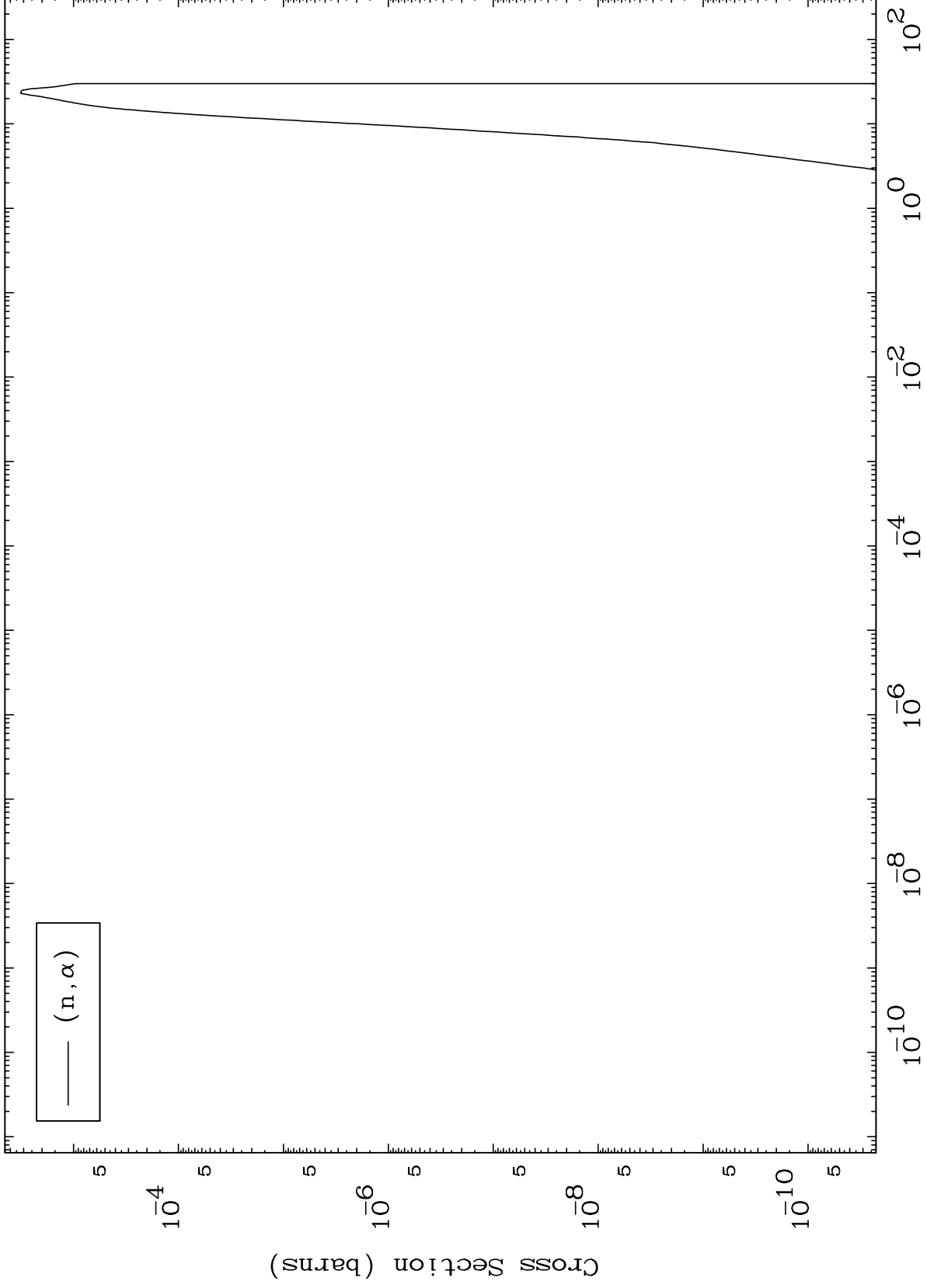
Incident Energy (MeV)

72-Hf-184m

MAT 7256

(n, α) Levels
293 Kelvin Cross Sections

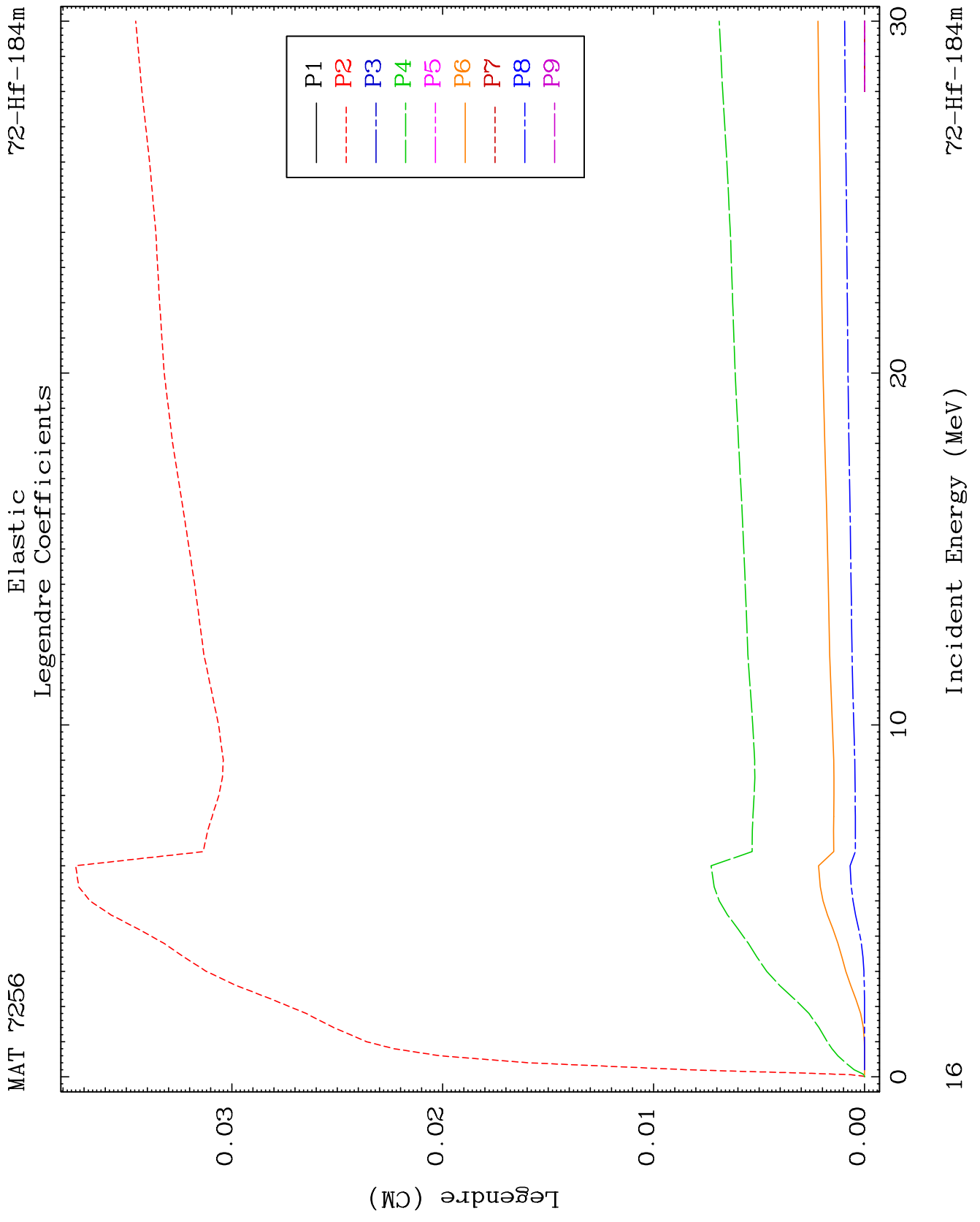
72-Hf-184m



15

Incident Energy (MeV)

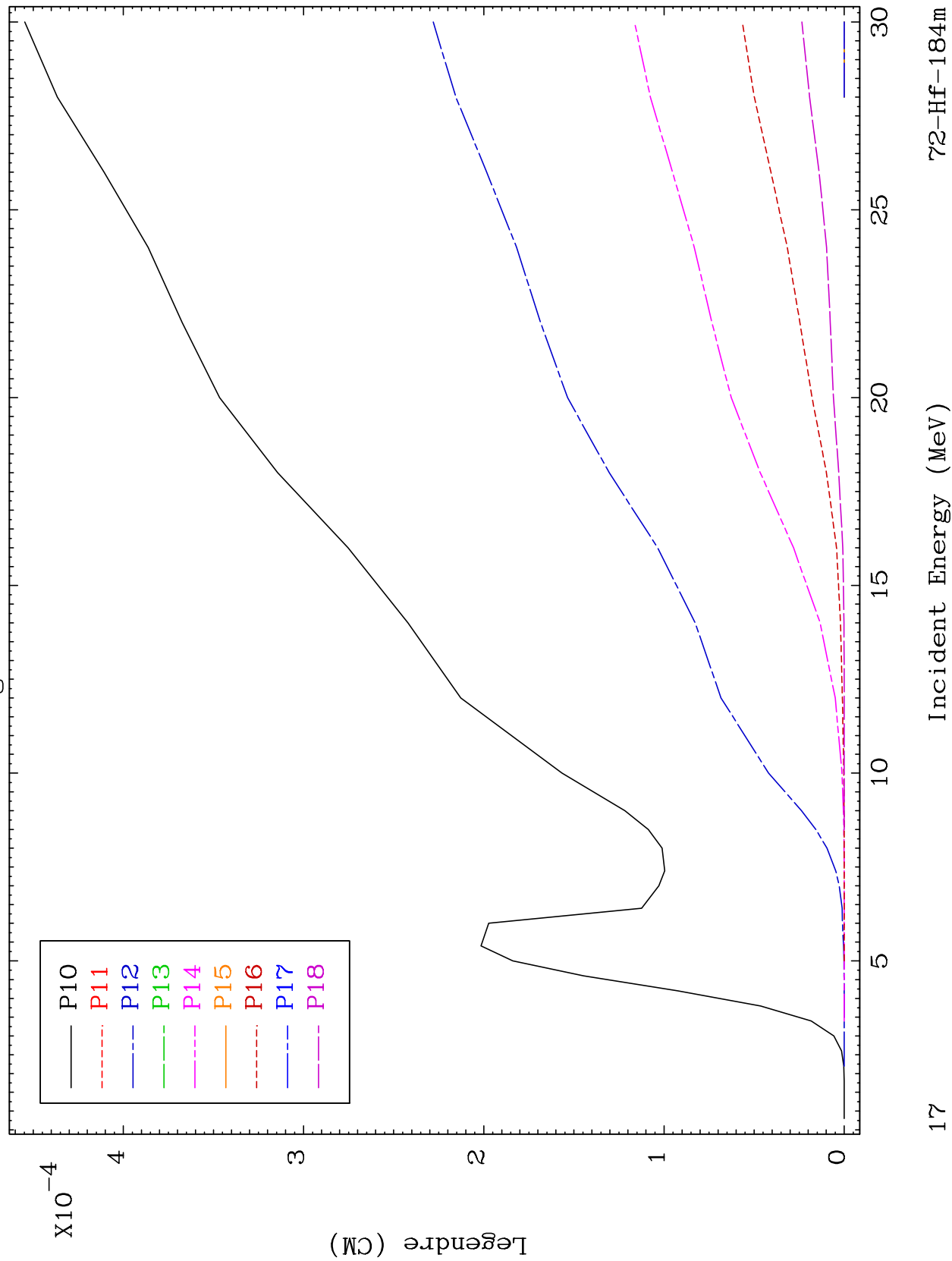
72-Hf-184m



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Elastic Legendre Coefficients

⁷²Hf-184m

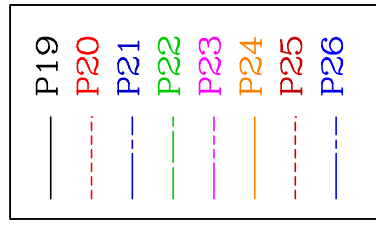


- P10
- P11
- P12
- P13
- P14
- P15
- P16
- P17
- P18

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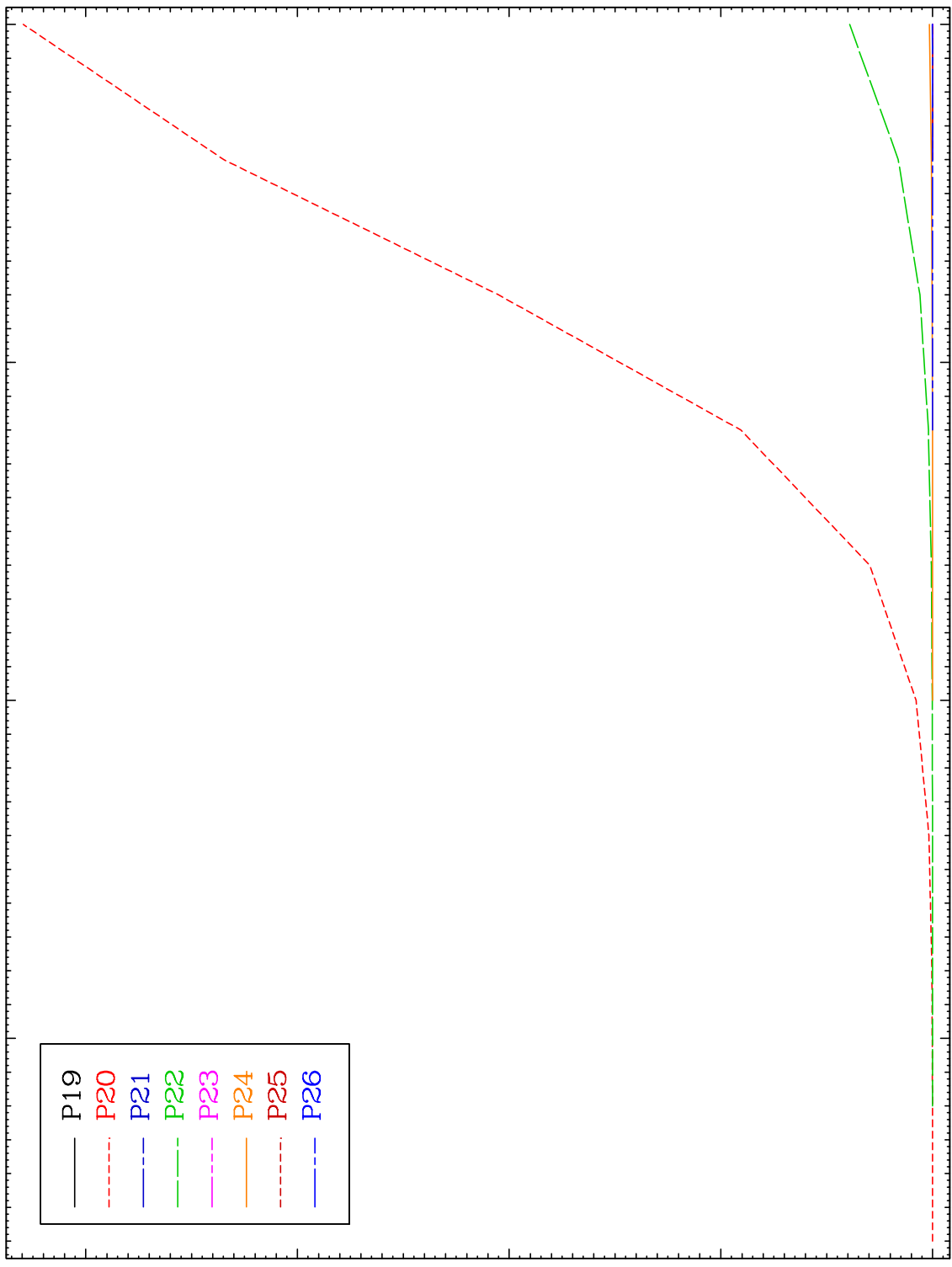
Elastic
Legendre Coefficients

72-Hf-184m



$\times 10^{-6}$

Legendre (CM)



18

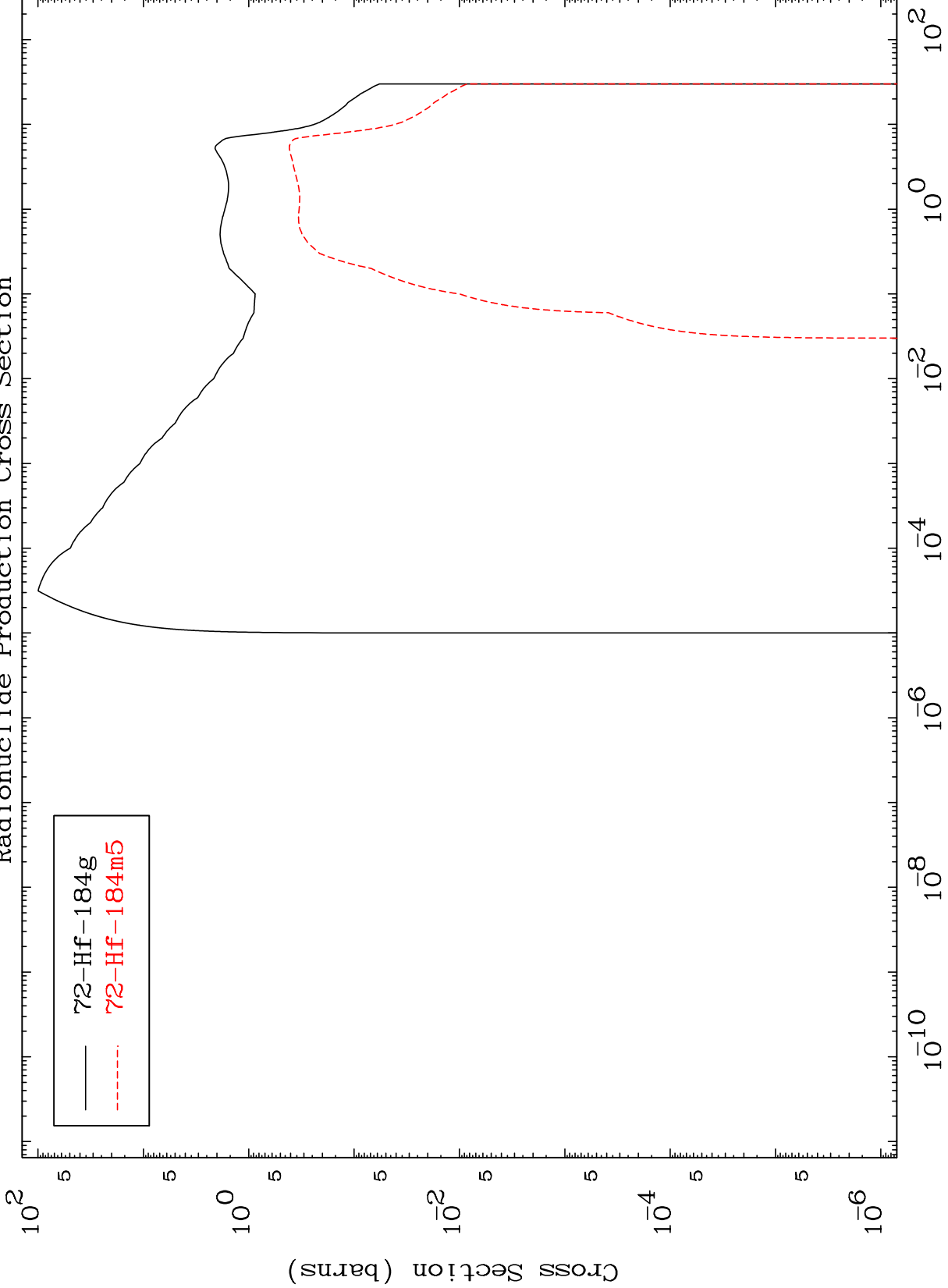
Incident Energy (MeV)

72-Hf-184m

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Radionuclide Production Cross Section

⁷²Hf-184m



— ⁷²Hf-184g
- - - ⁷²Hf-184m5

Incident Energy (MeV)

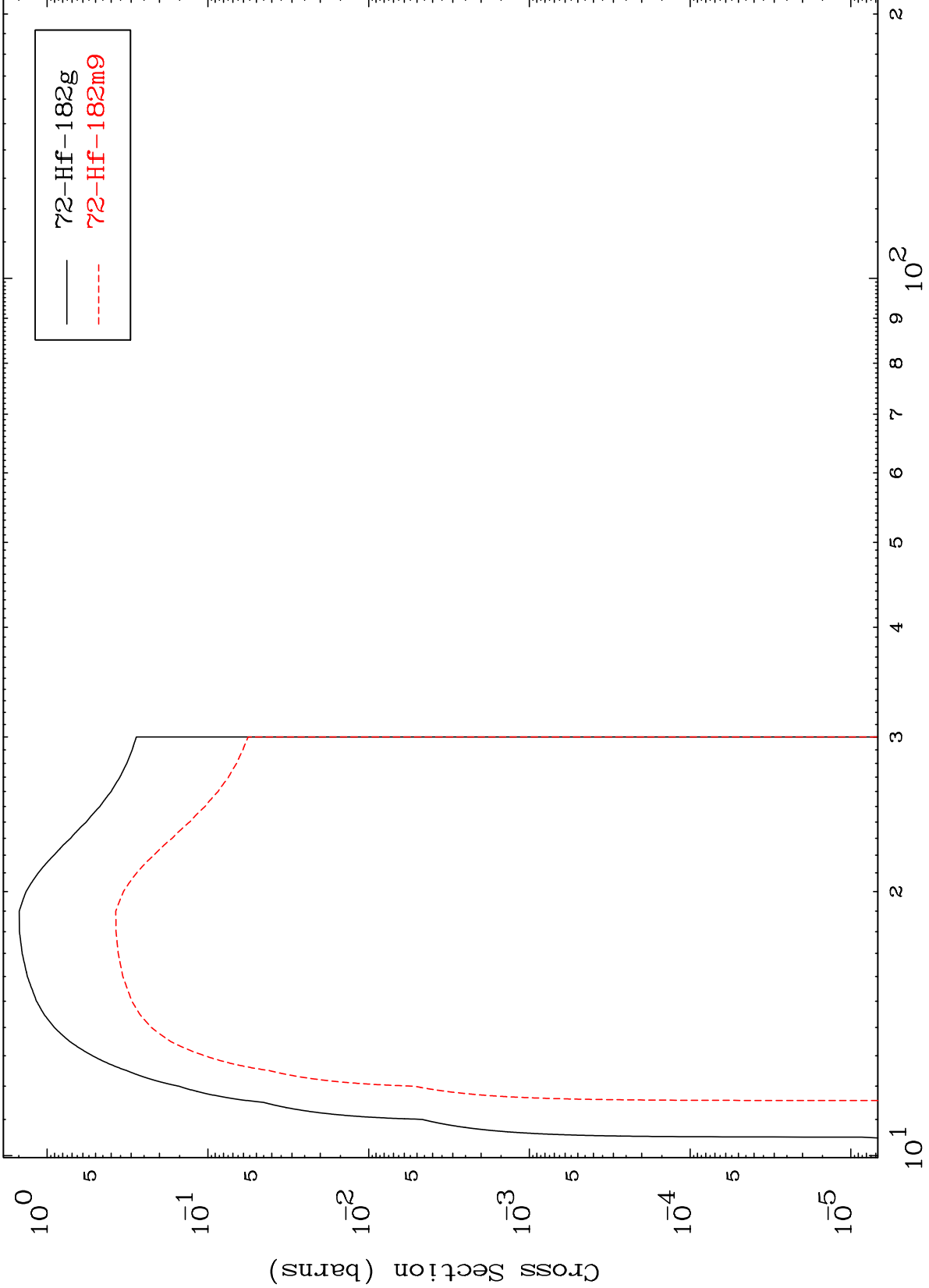
⁷²Hf-184m

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(n,3n)

⁷²Hf-184m

Radionuclide Production Cross Section



— ⁷²Hf-182g
- - - ⁷²Hf-182m9

Incident Energy (MeV)

⁷²Hf-184m

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Fission

⁷²Hf-184m

Radionuclide Production Cross Section

