

Program EVALPLOT
(Version 2015-2)

by

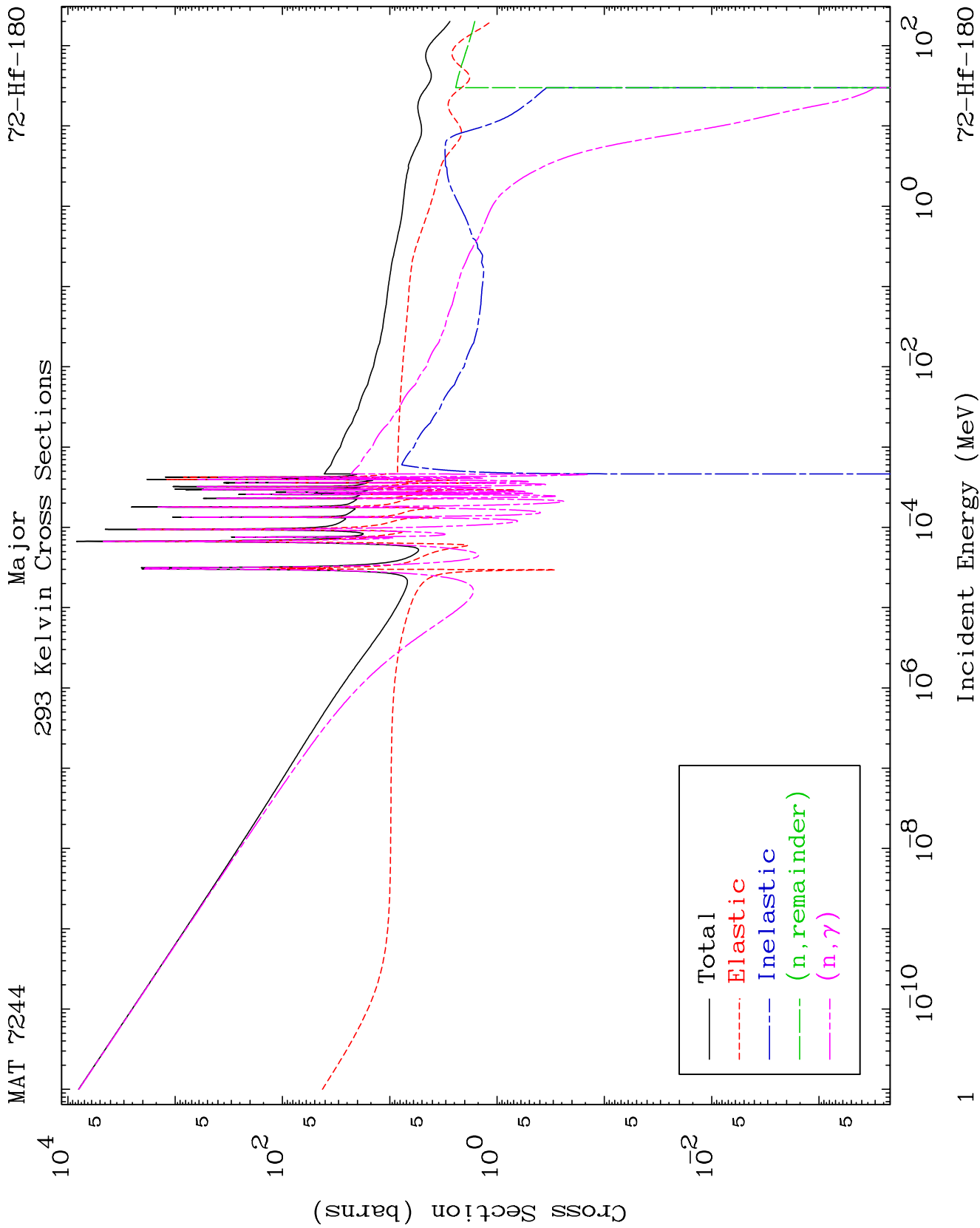
Dermott E. Cullen
(Present Contact Information)

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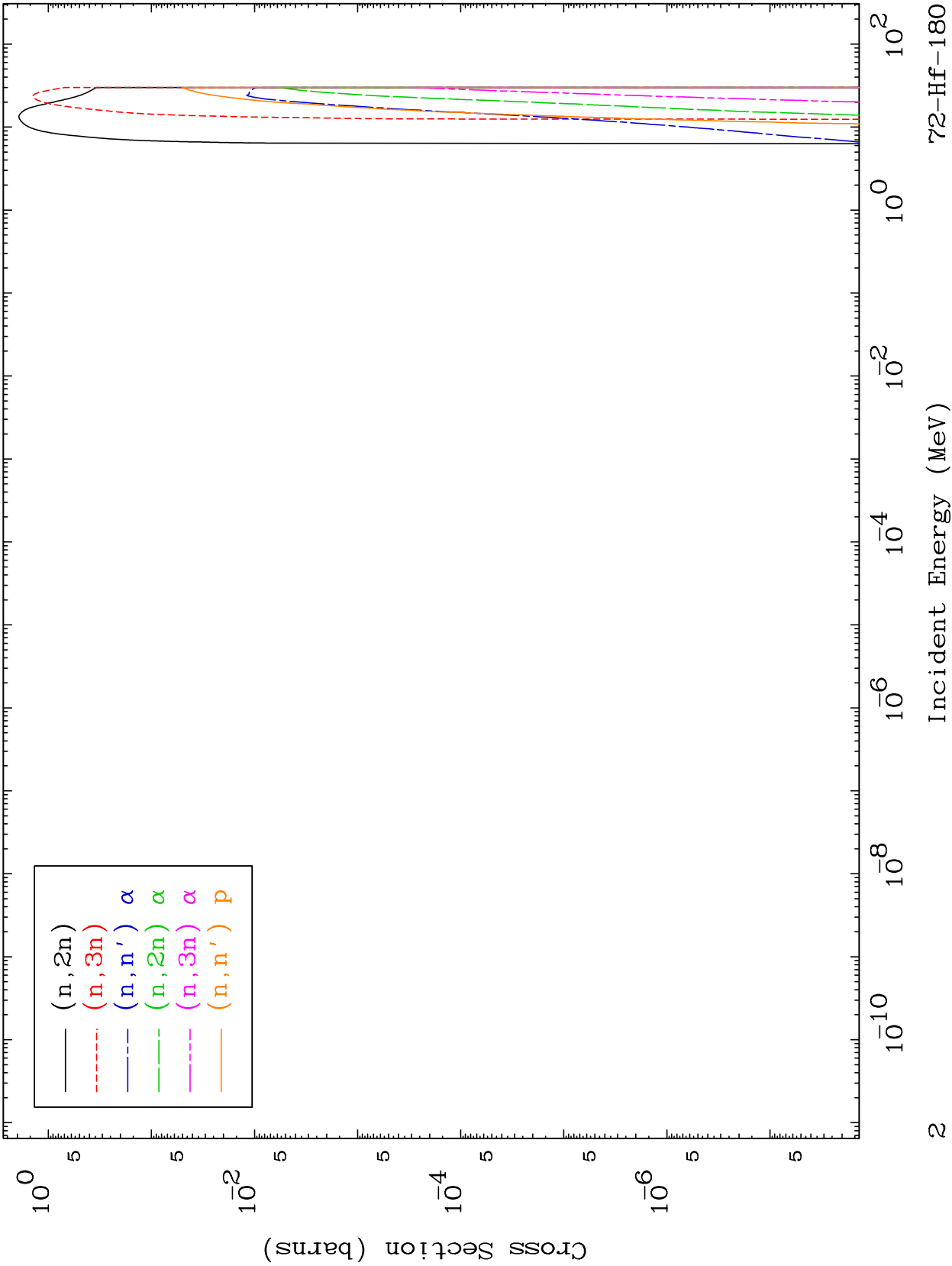
Press Mouse Button to Start

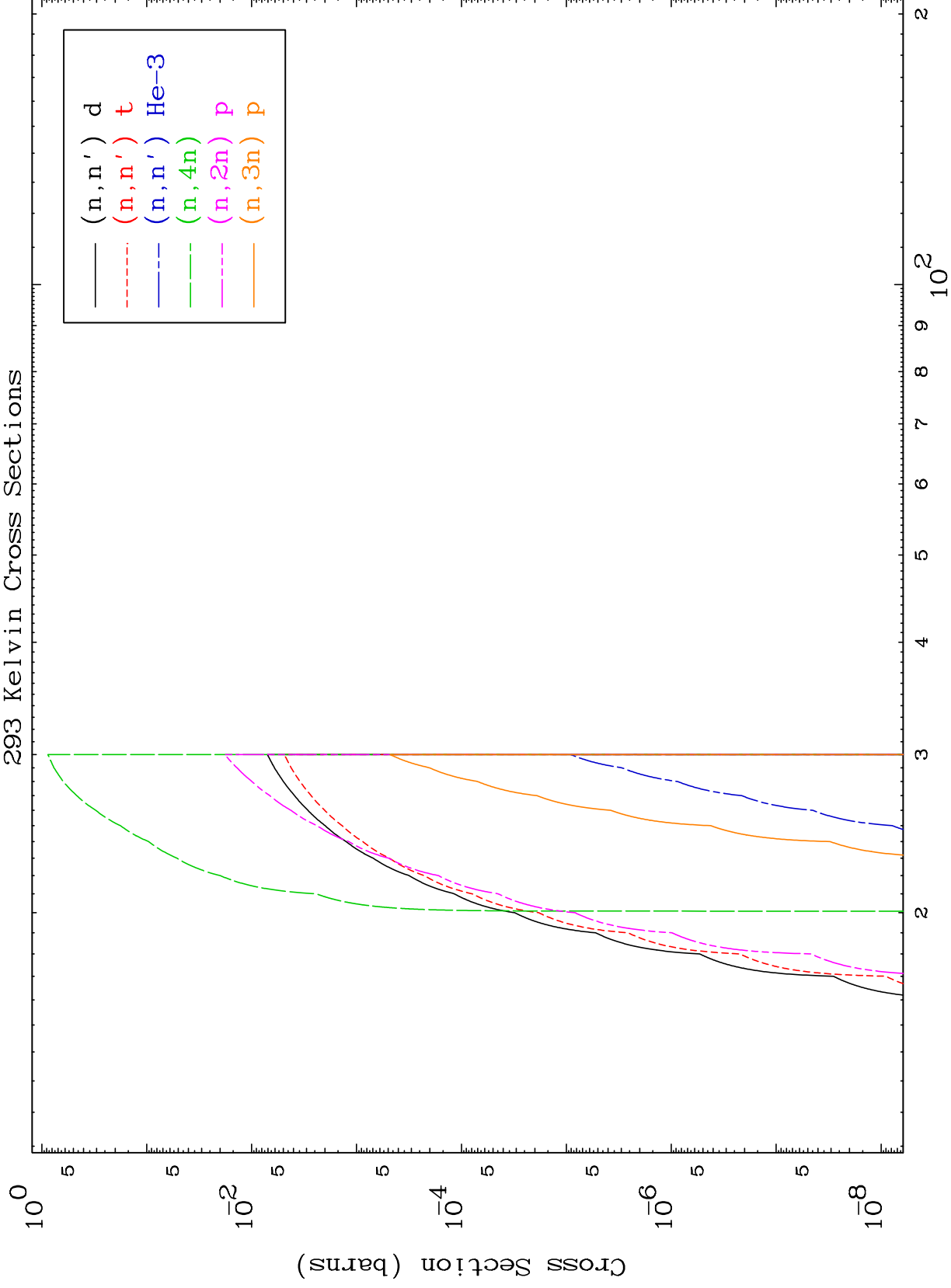


MAT 7244

Neutron Production
293 Kelvin Cross Sections

72-Hf-180

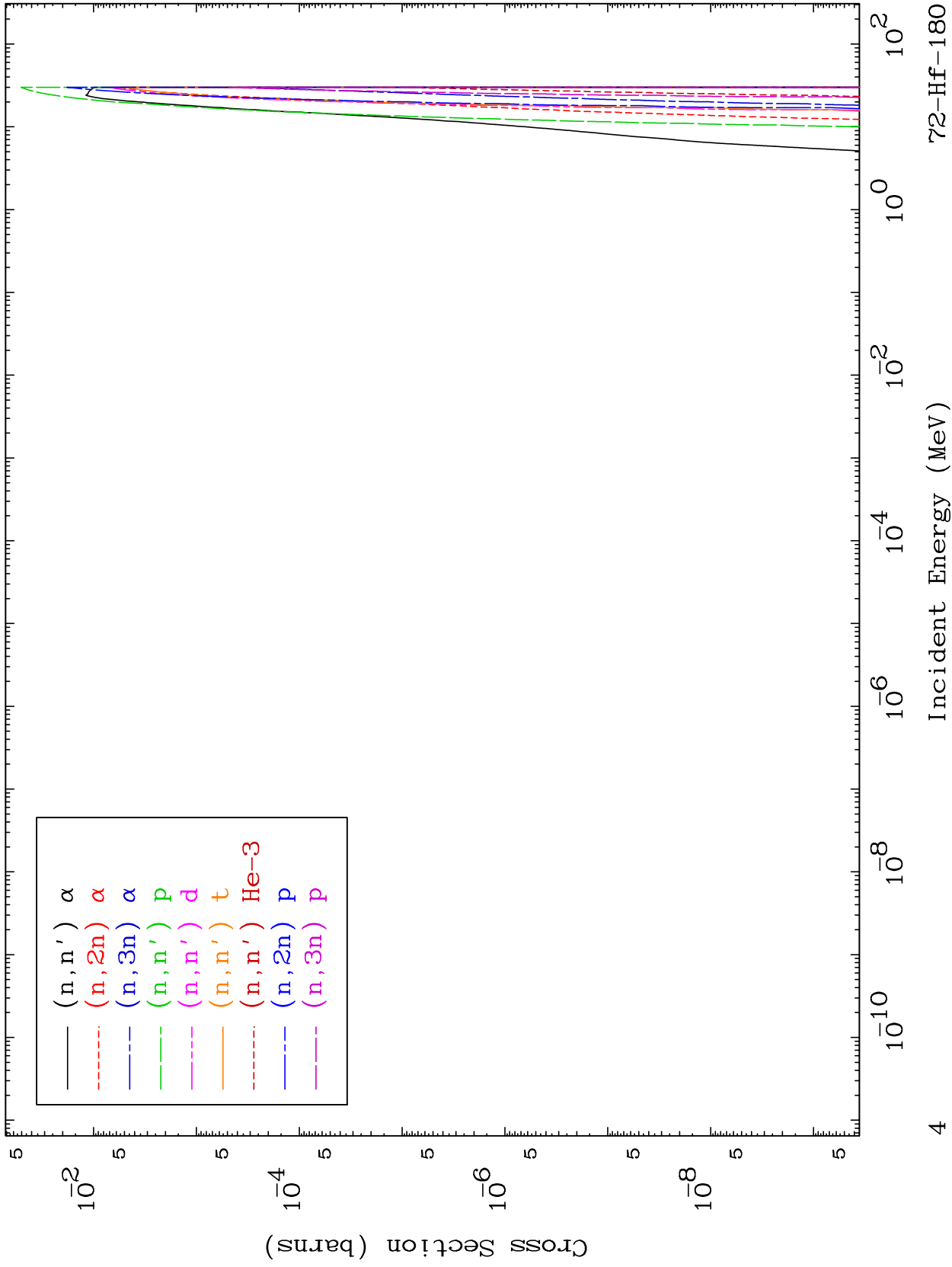




MAT 7244

Charged Particle
293 Kelvin Cross Sections

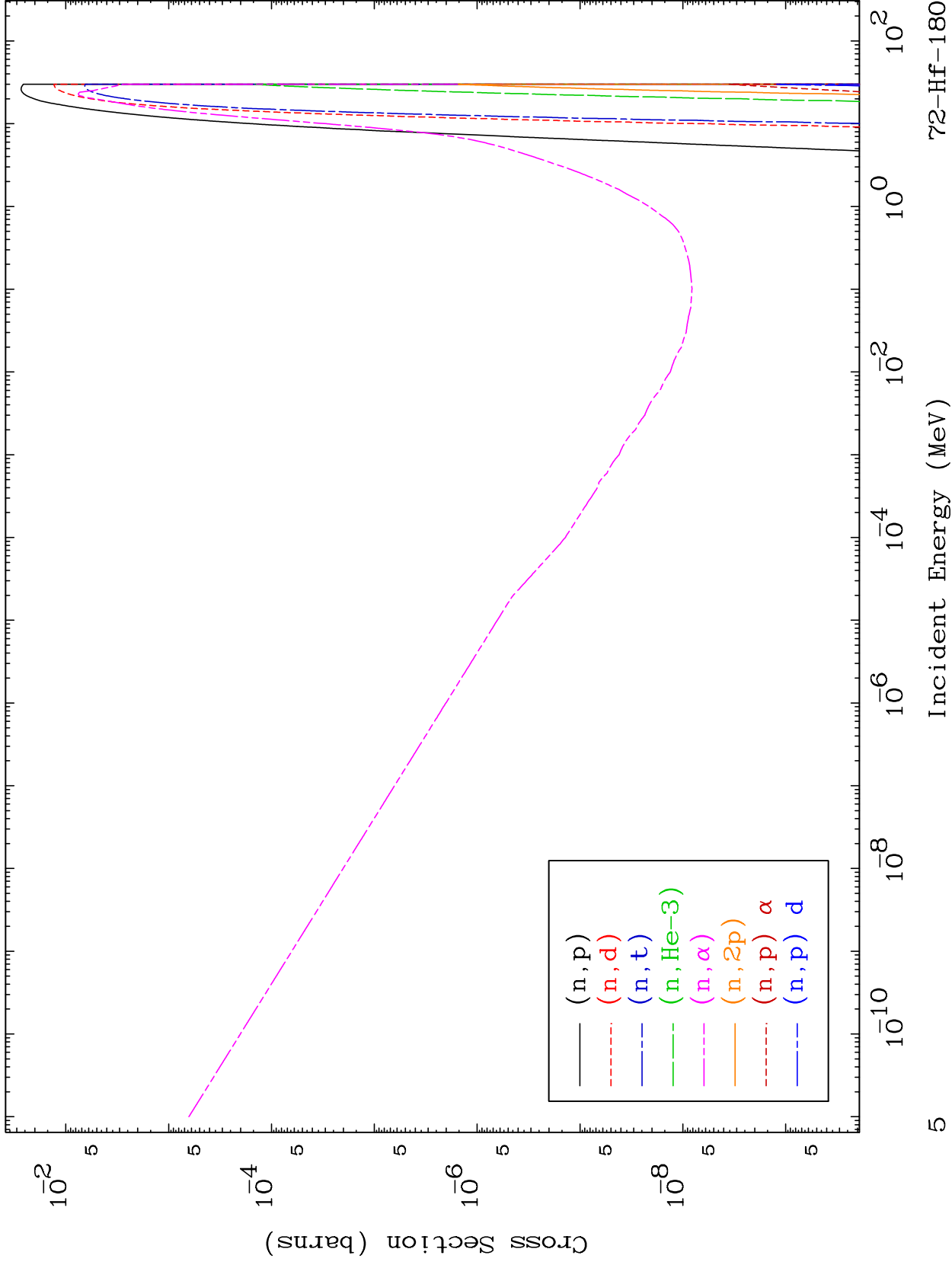
72-Hf-180



MAT 7244

Charged Particle
293 Kelvin Cross Sections

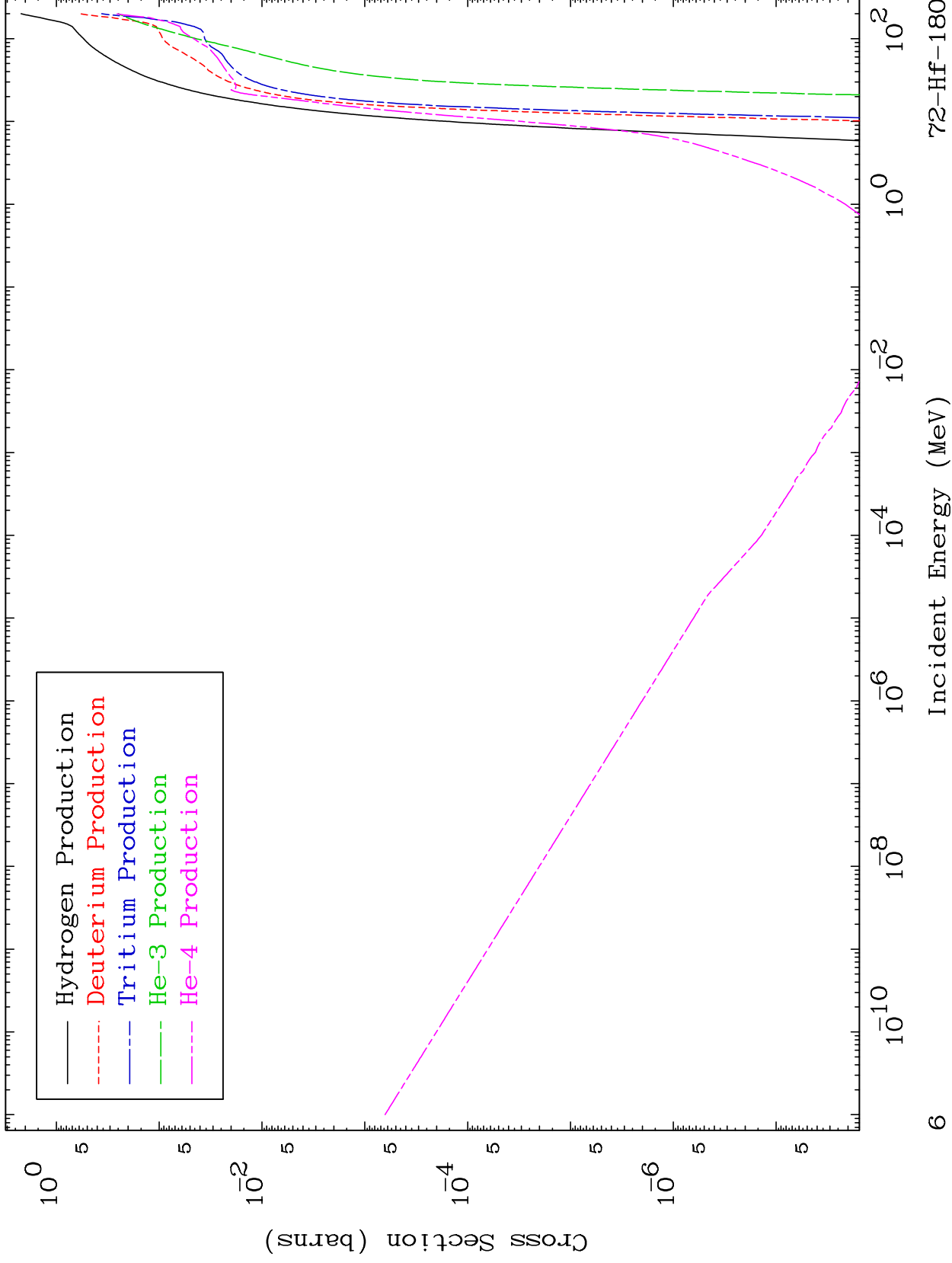
72-Hf-180



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Particle Production
293 Kelvin Cross Sections

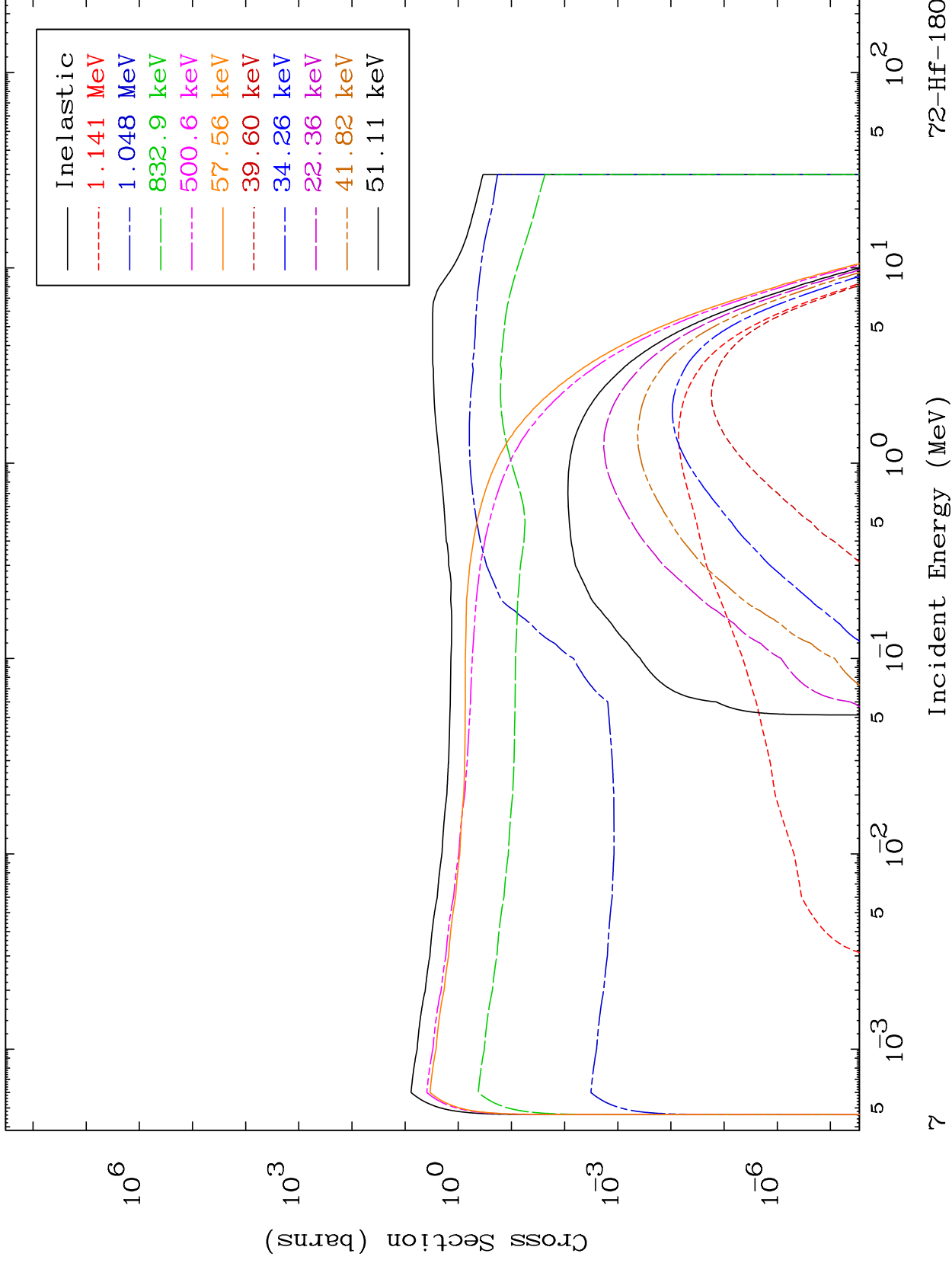
72-Hf-180



MAT 7244

(n,n') Level
293 Kelvin Cross Sections

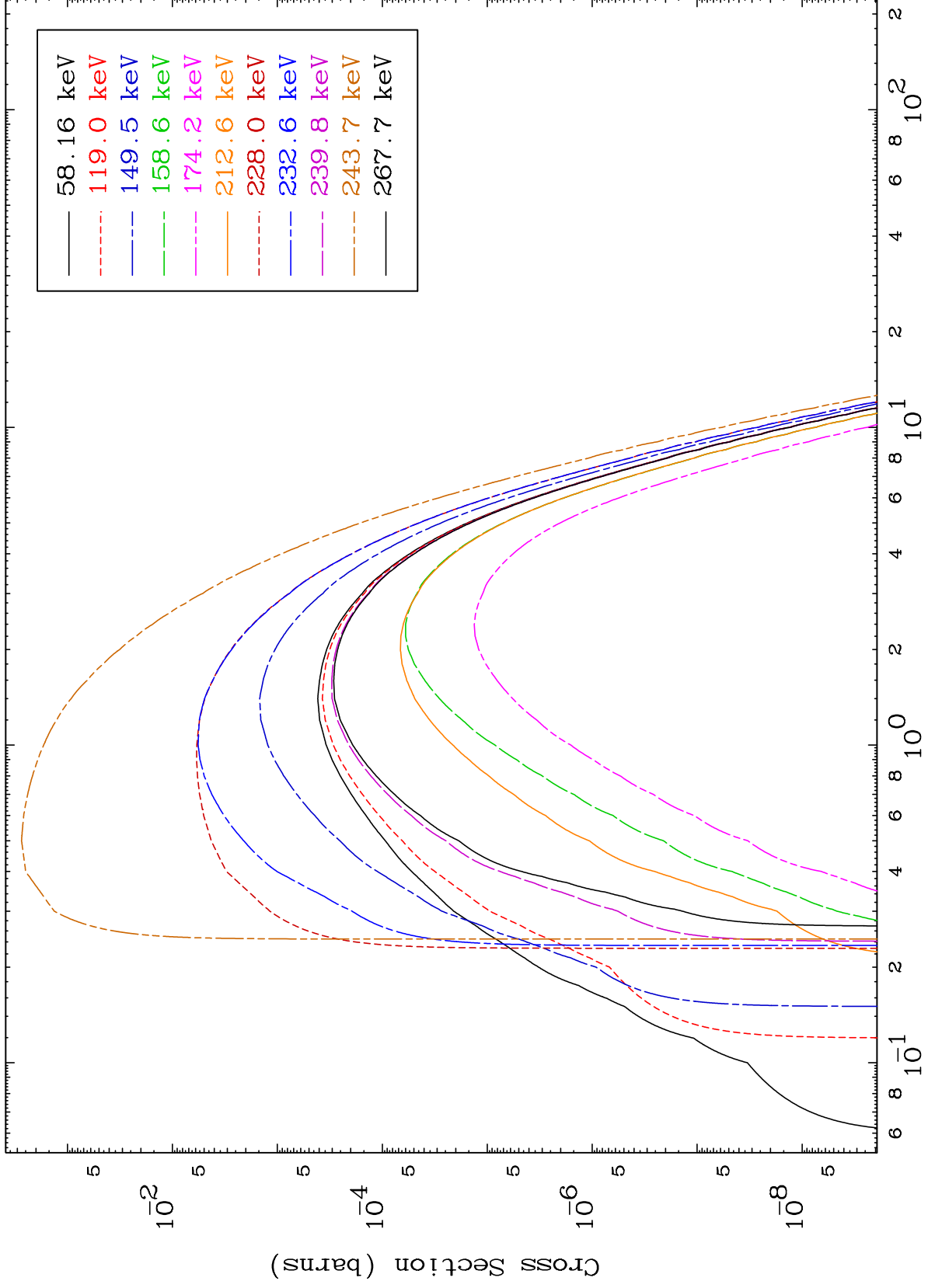
72-Hf-180



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(n,n') Level
293 Kelvin Cross Sections

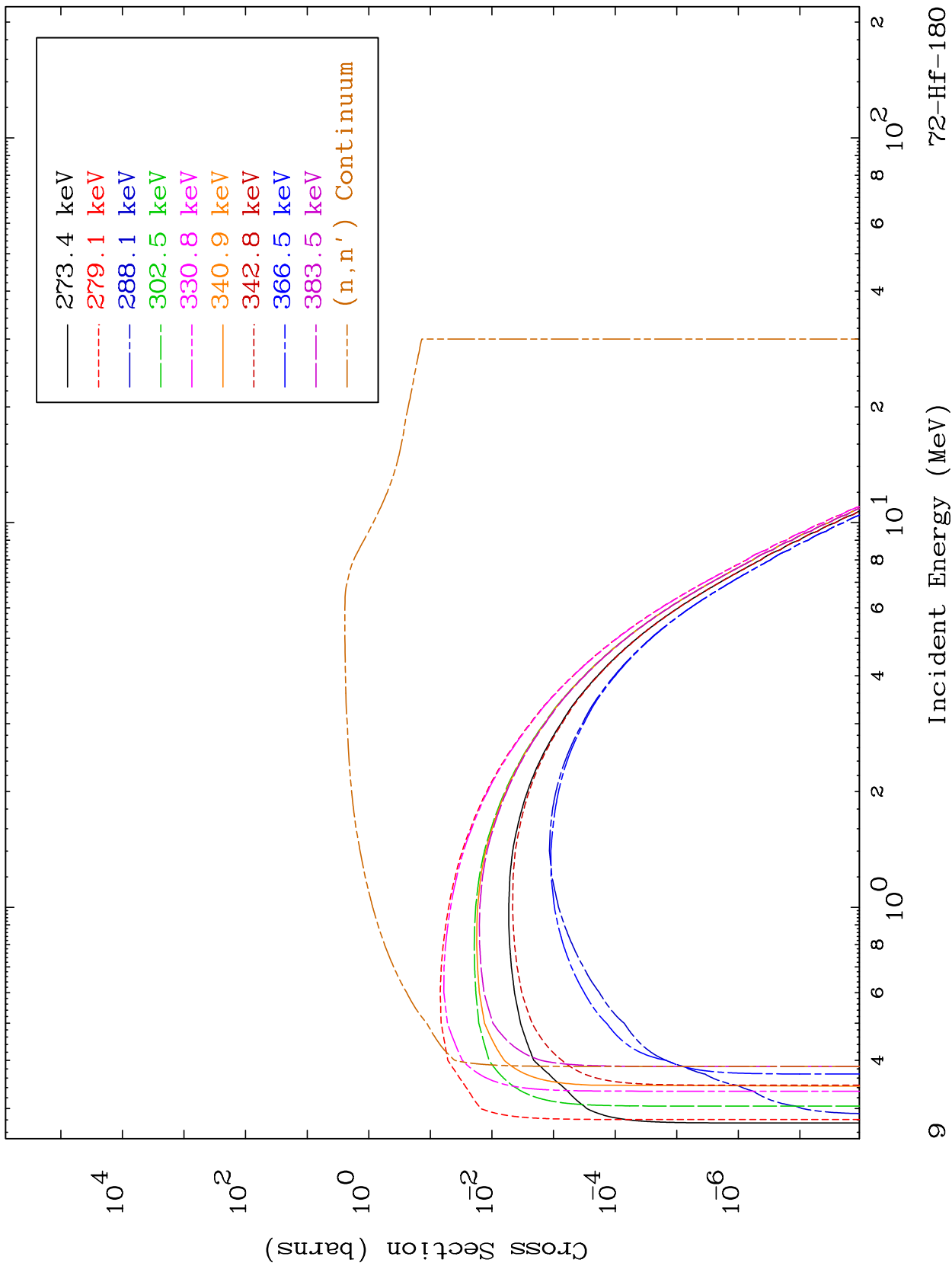
72-Hf-180



8

Incident Energy (MeV)

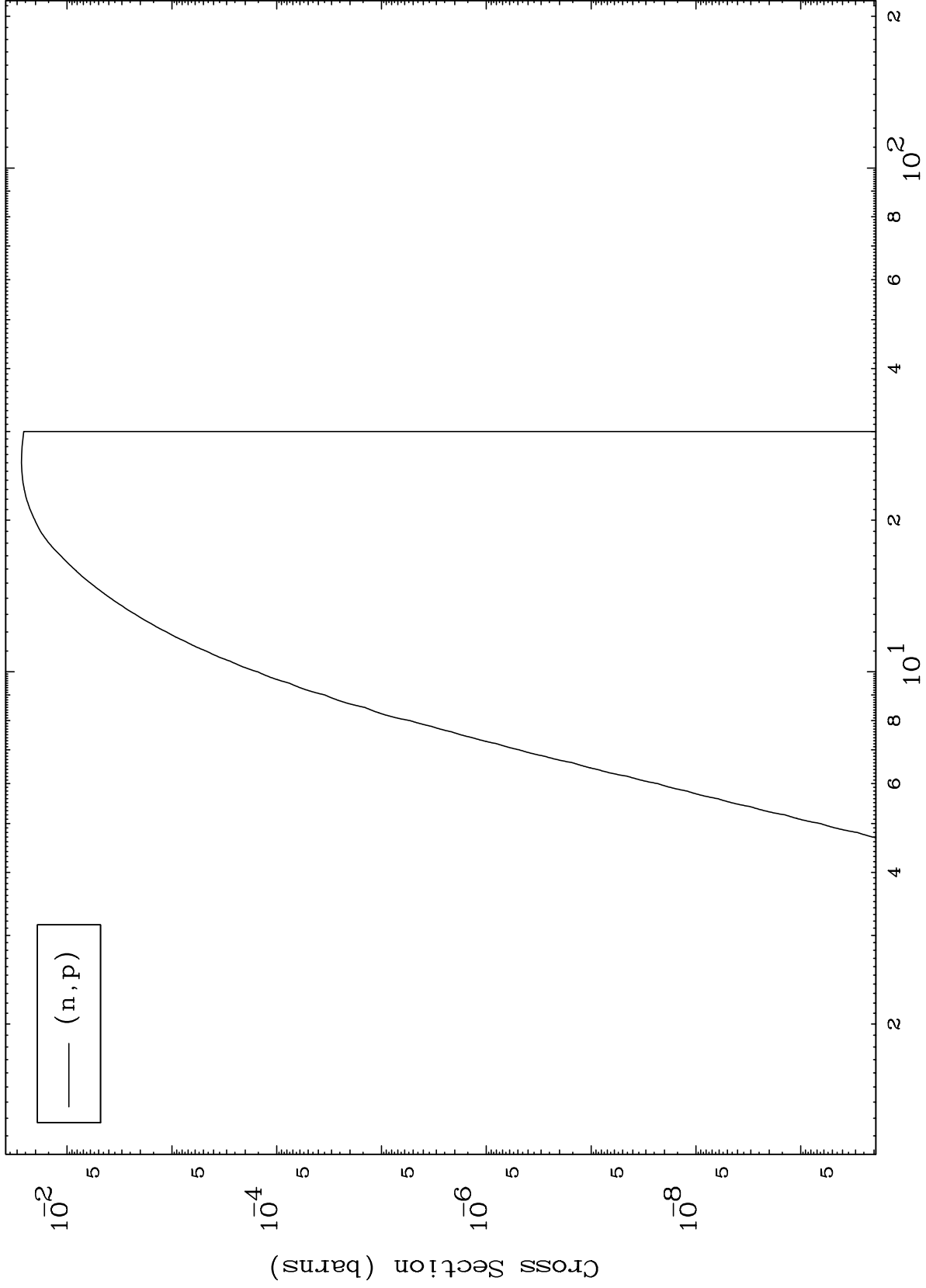
72-Hf-180



MAT 7244

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-180



10

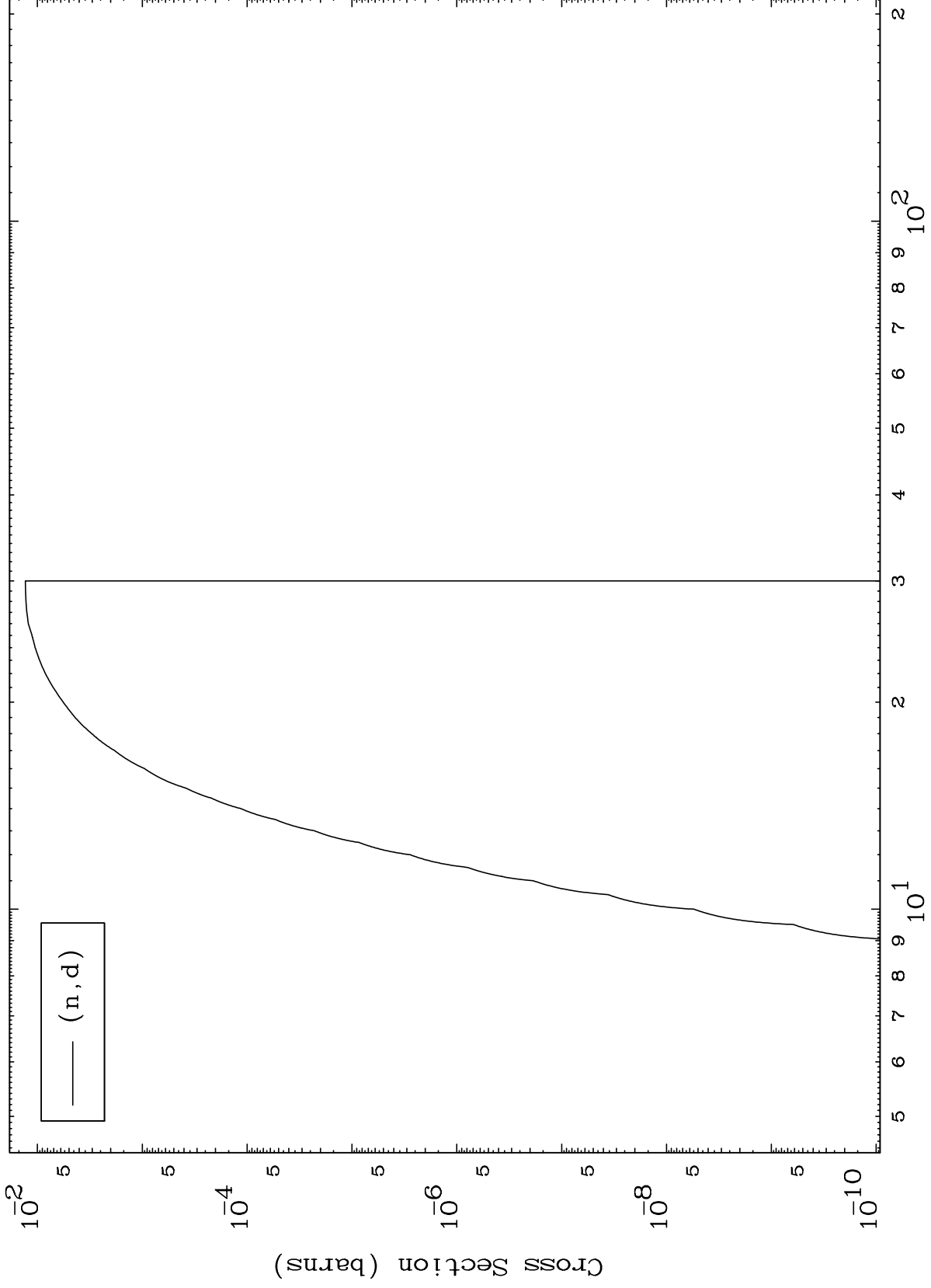
Incident Energy (MeV)

72-Hf-180

MAT 7244

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-180



11

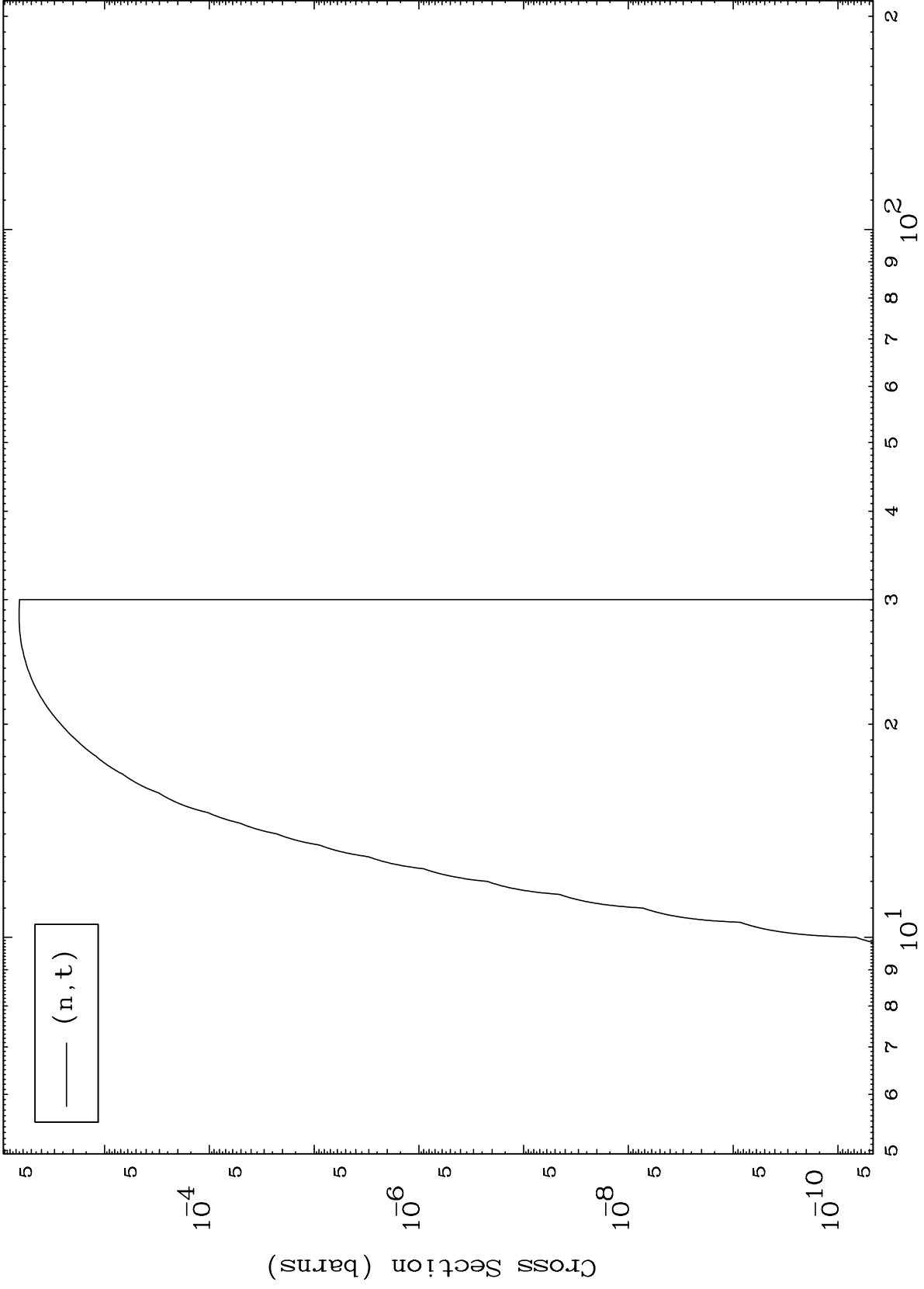
Incident Energy (MeV)

72-Hf-180

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(n,t) Levels
293 Kelvin Cross Sections

72-Hf-180



12

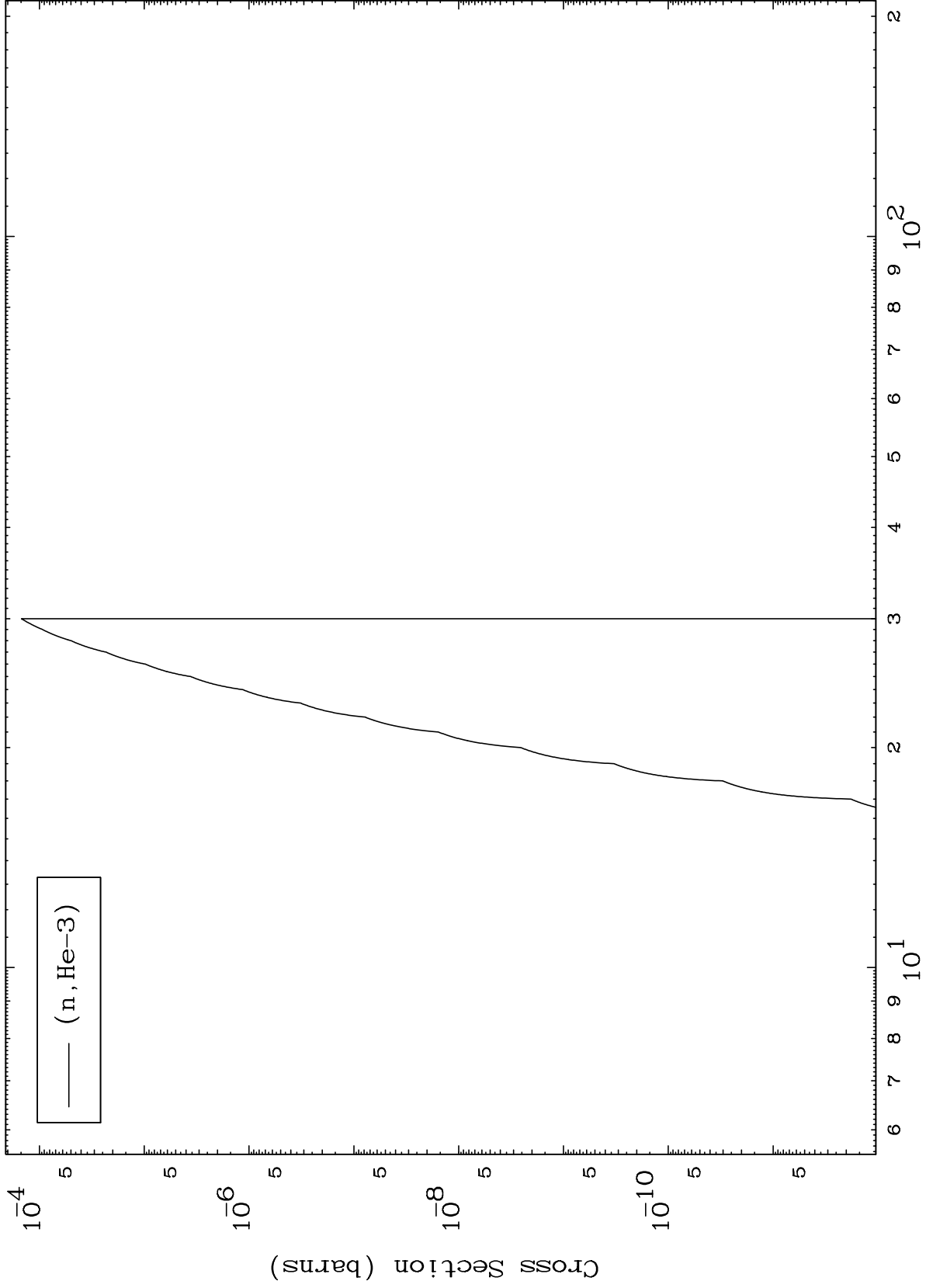
Incident Energy (MeV)

72-Hf-180

MAT 7244

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-180



13

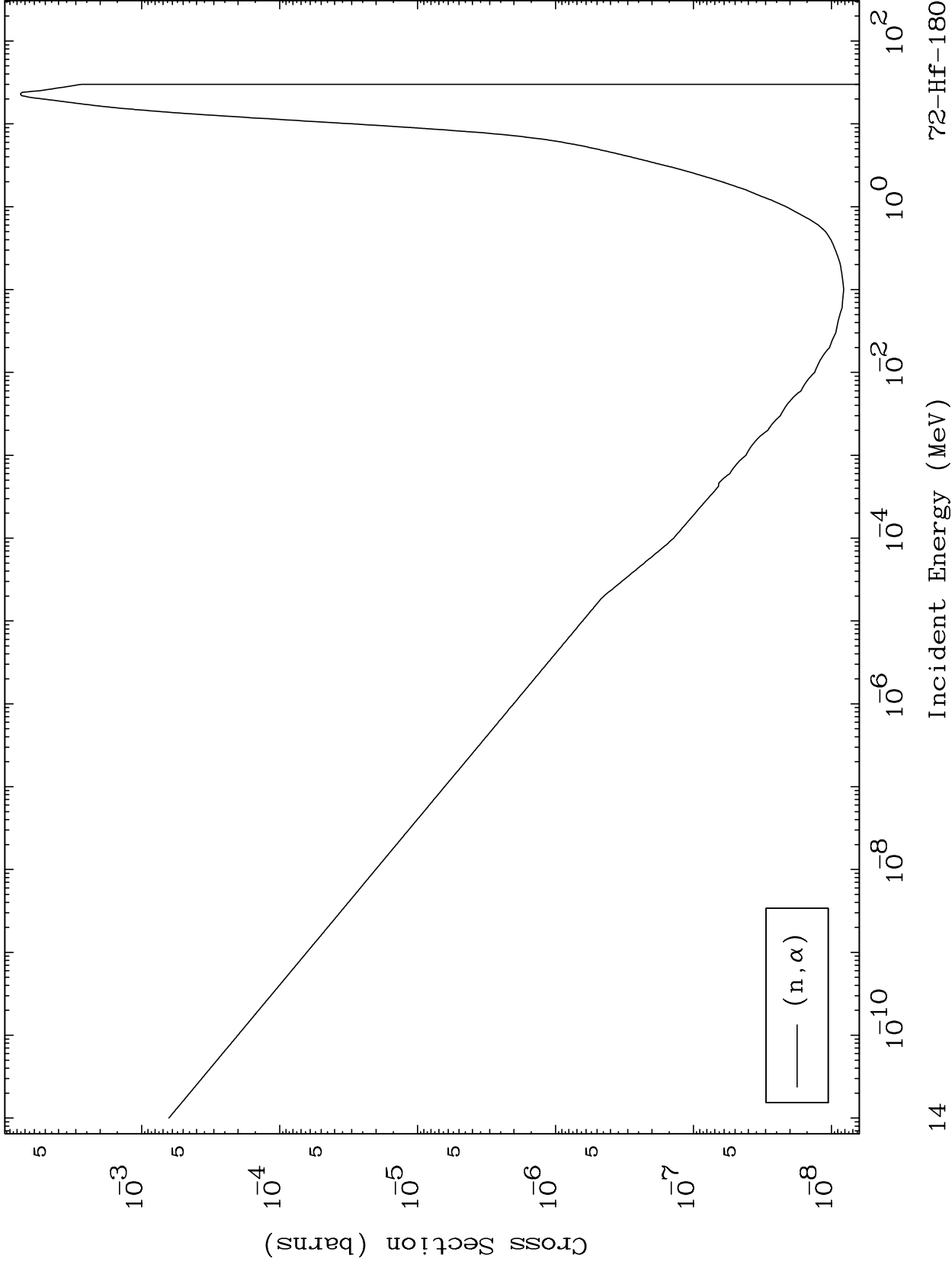
Incident Energy (MeV)

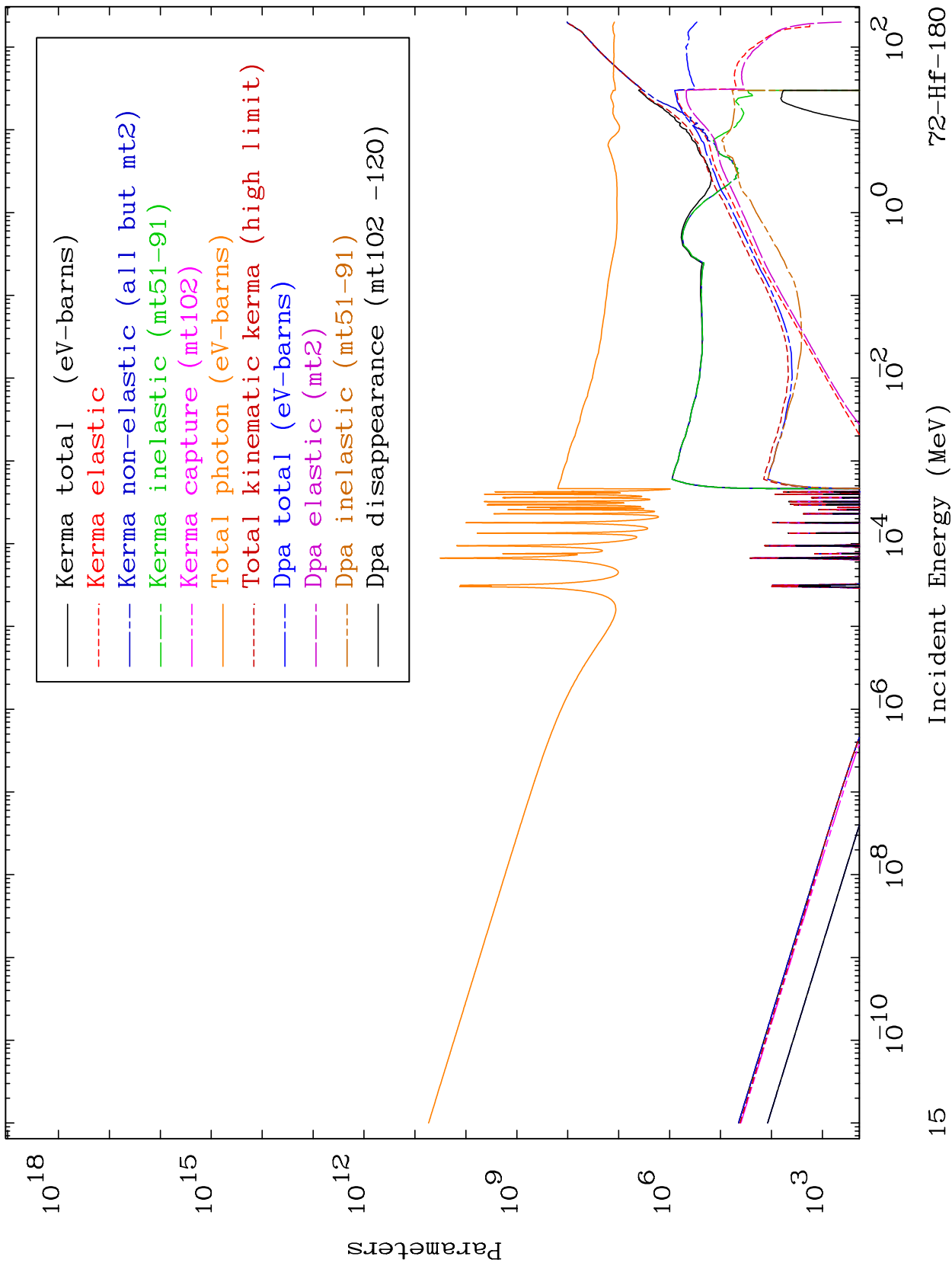
72-Hf-180

MAT 7244

(n, α) Levels
293 Kelvin Cross Sections

72-Hf-180

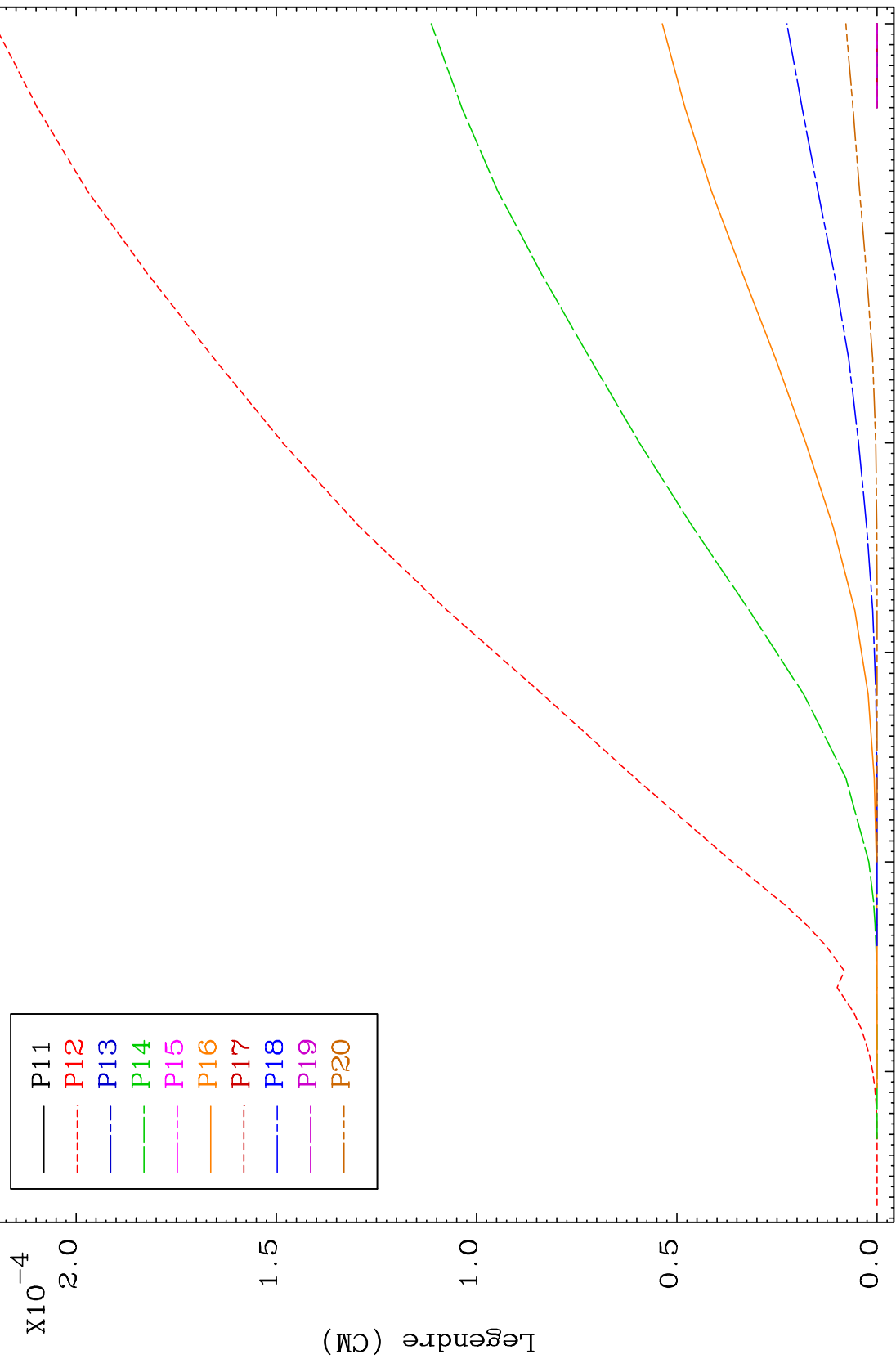
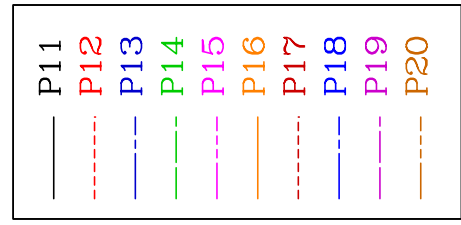




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Elastic Legendre Coefficients

72-Hf-180



17

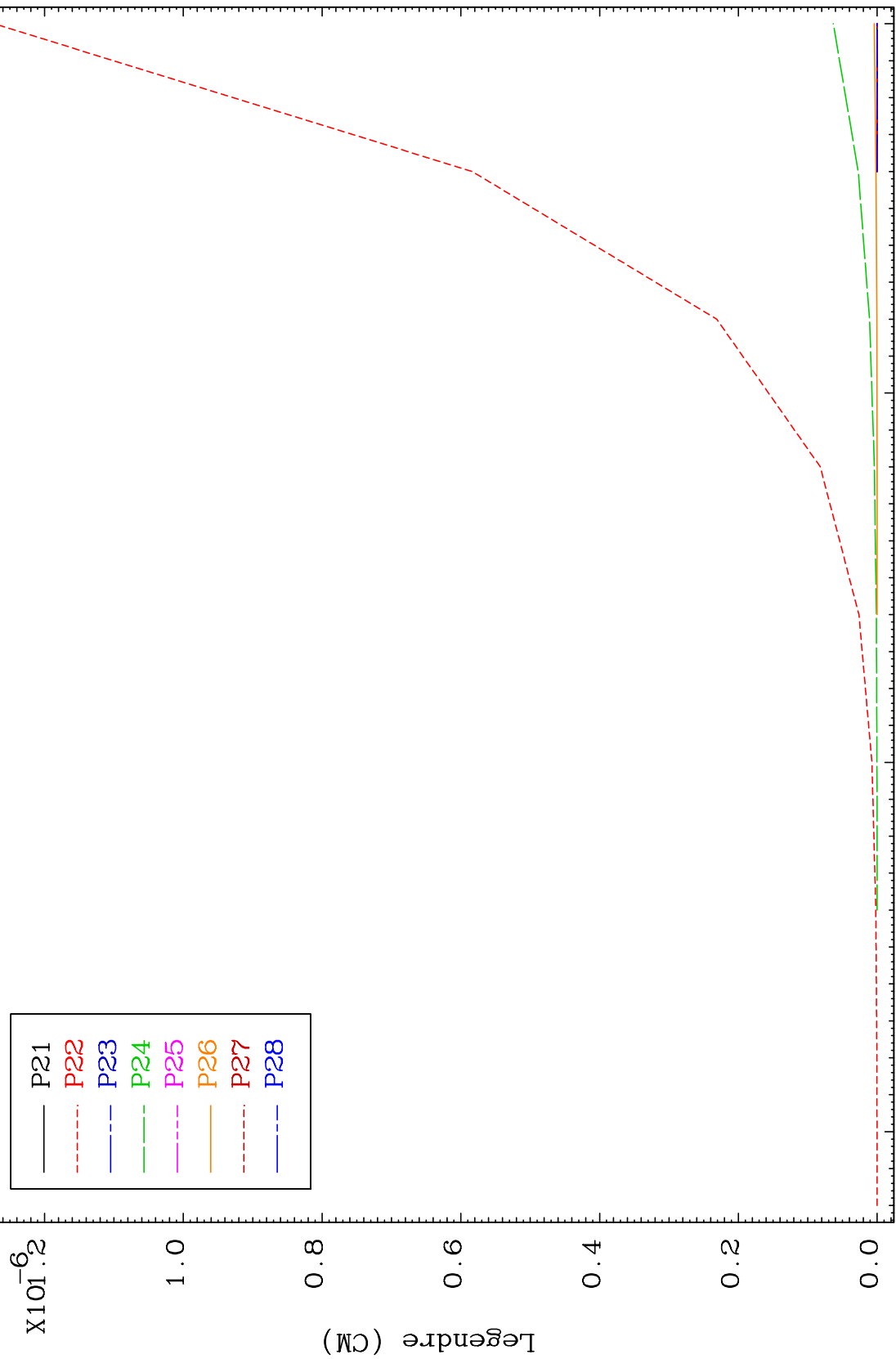
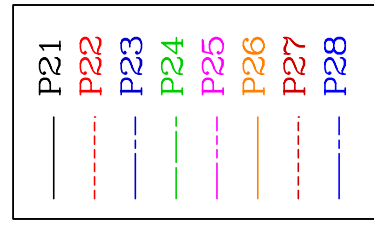
72-Hf-180

Incident Energy (MeV)

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Elastic Legendre Coefficients

72-Hf-180



18

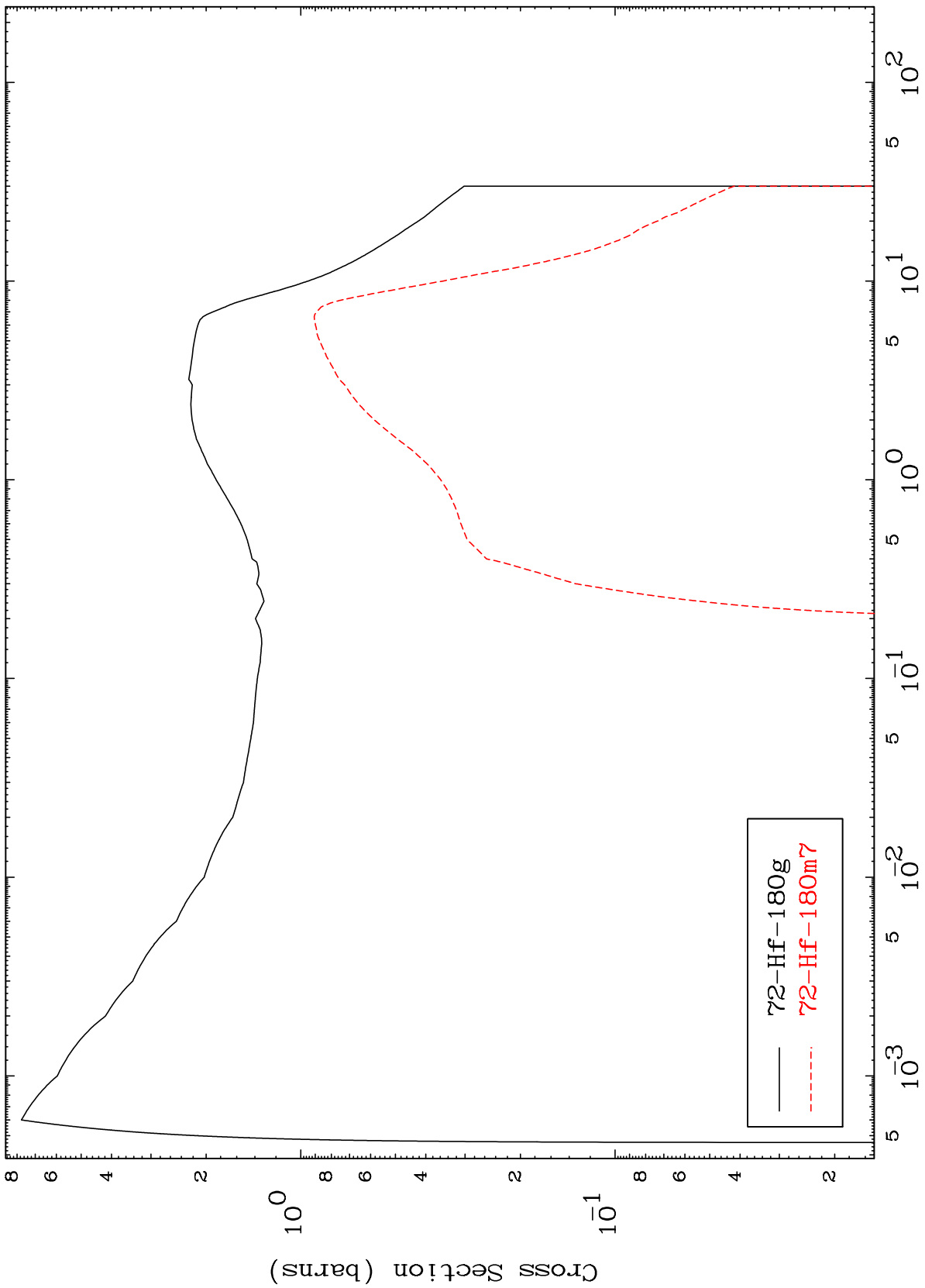
Incident Energy (MeV)

72-Hf-180

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72-Hf-180

Inelastic
Radionuclide Production Cross Section



19

72-Hf-180

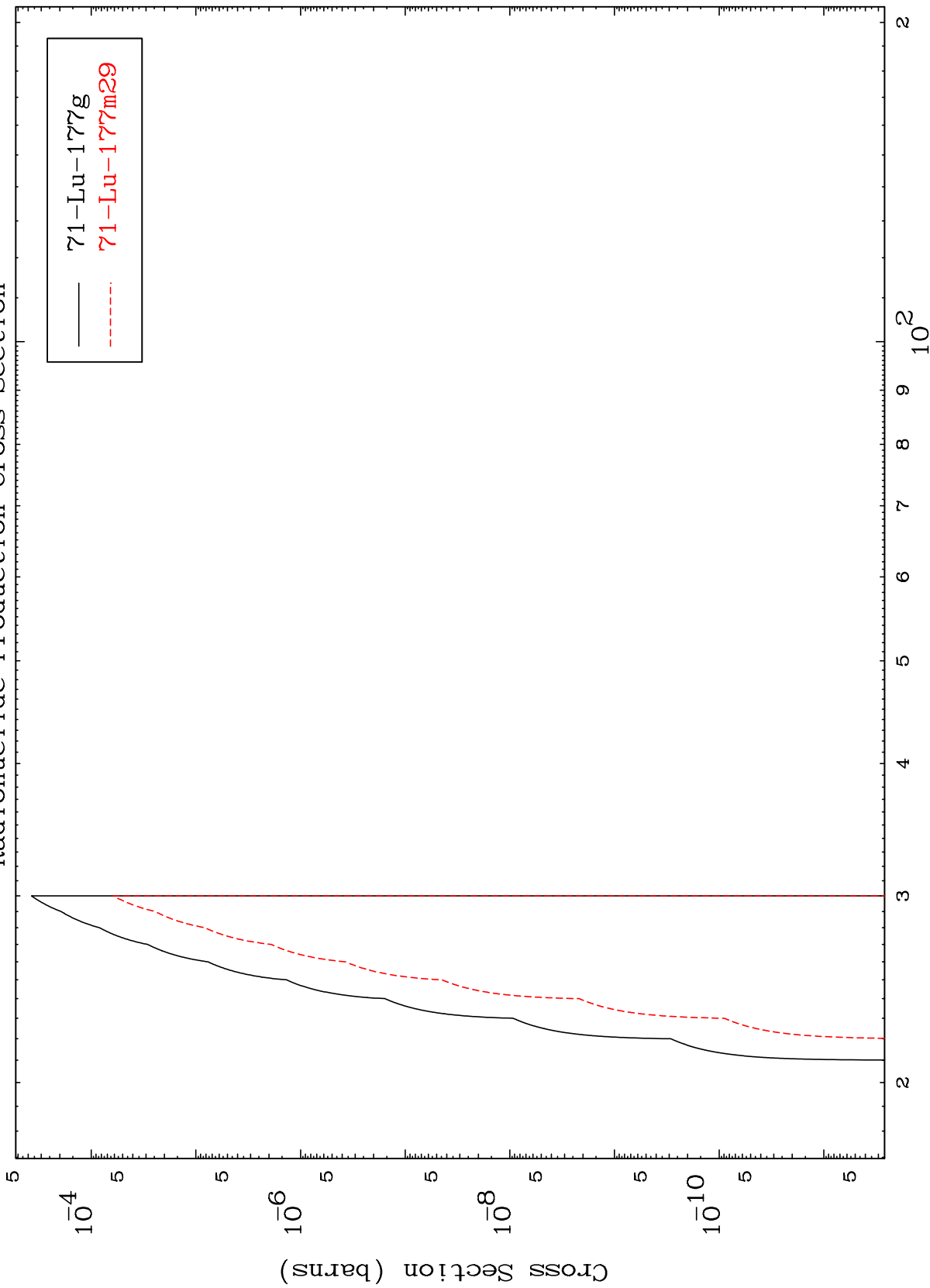
Incident Energy (MeV)

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(n,2n) d

72-Hf-180

Radionuclide Production Cross Section



20

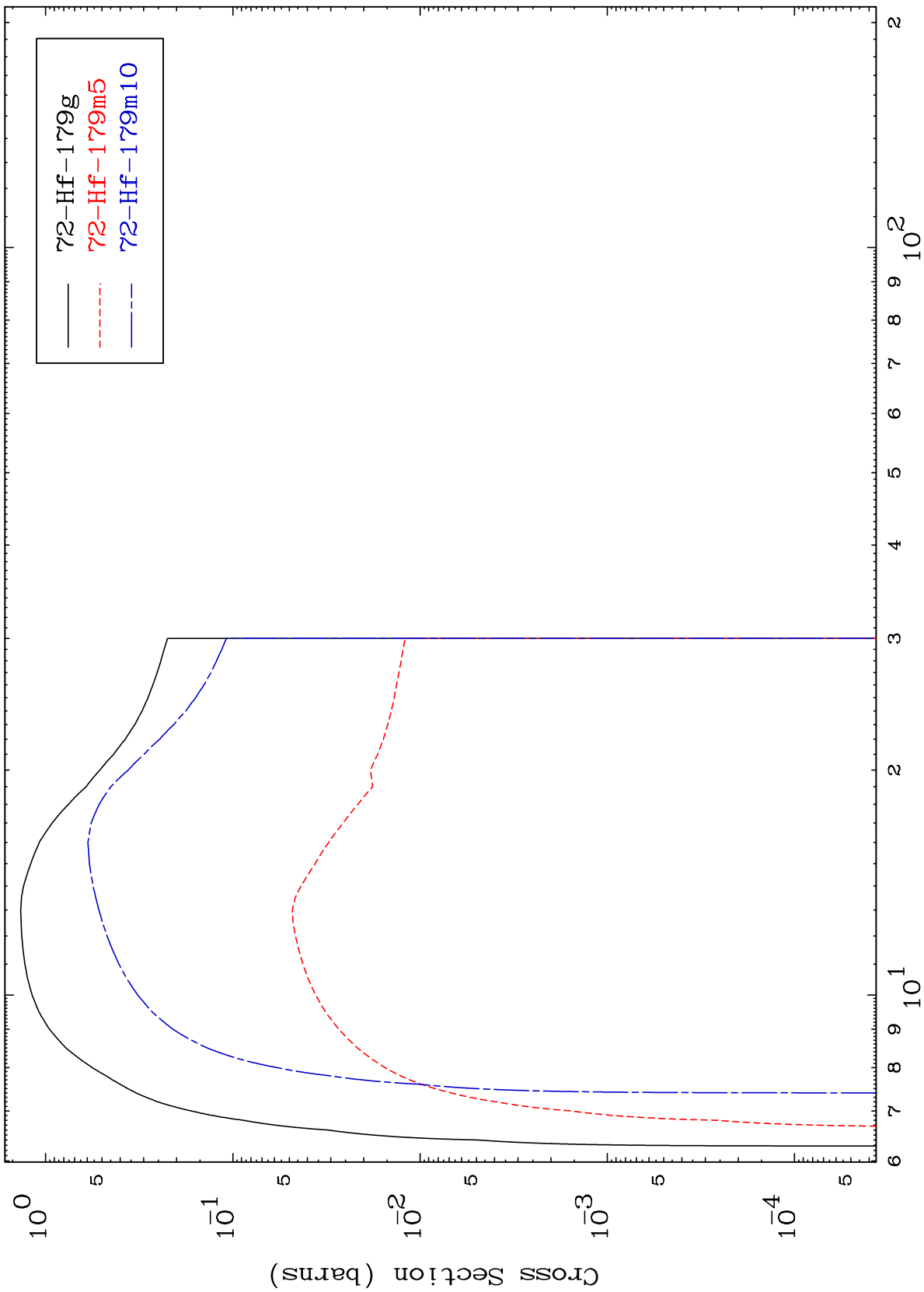
Incident Energy (MeV)

72-Hf-180

MAT 7244

72-Hf-180

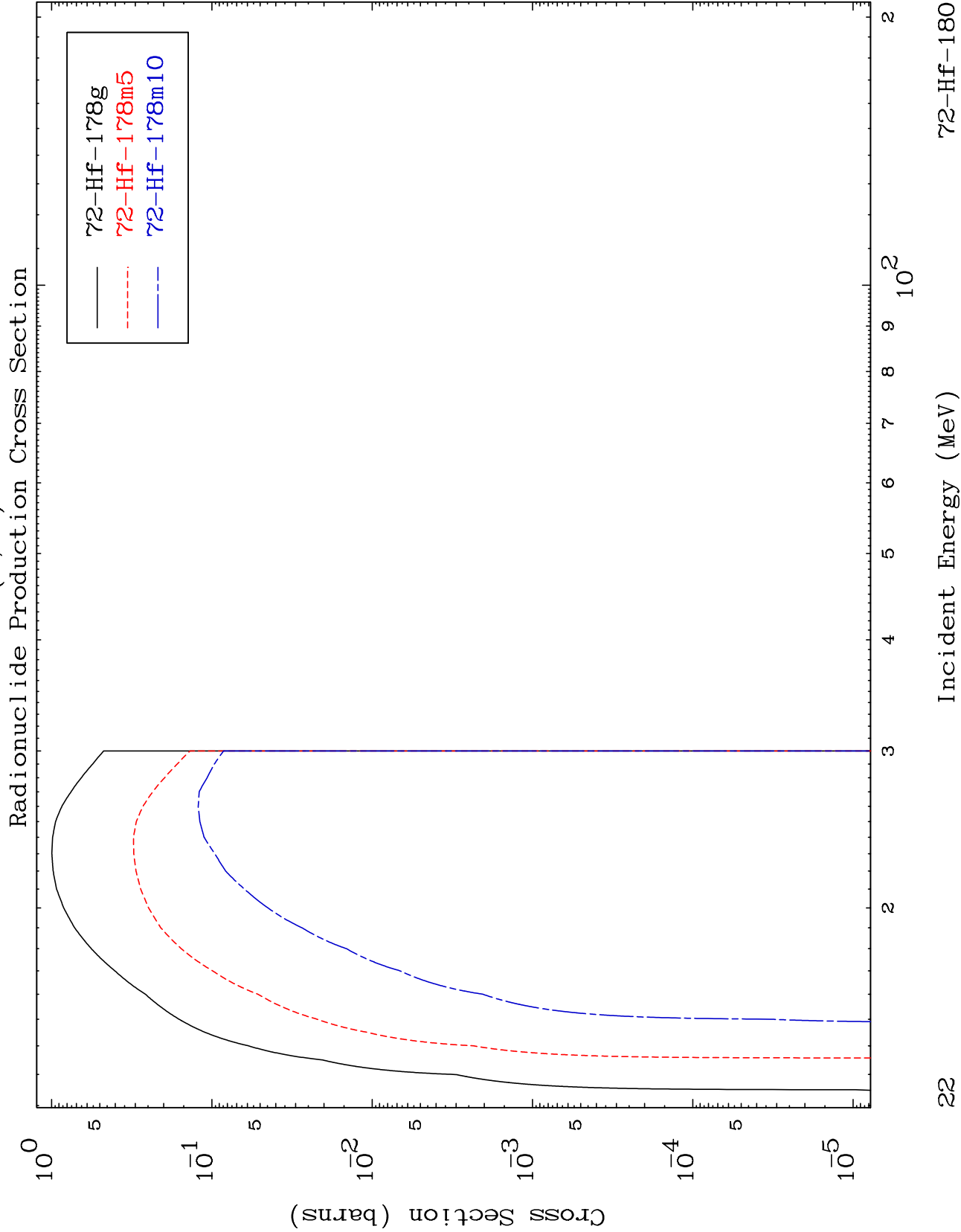
(n,2n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

72-Hf-180

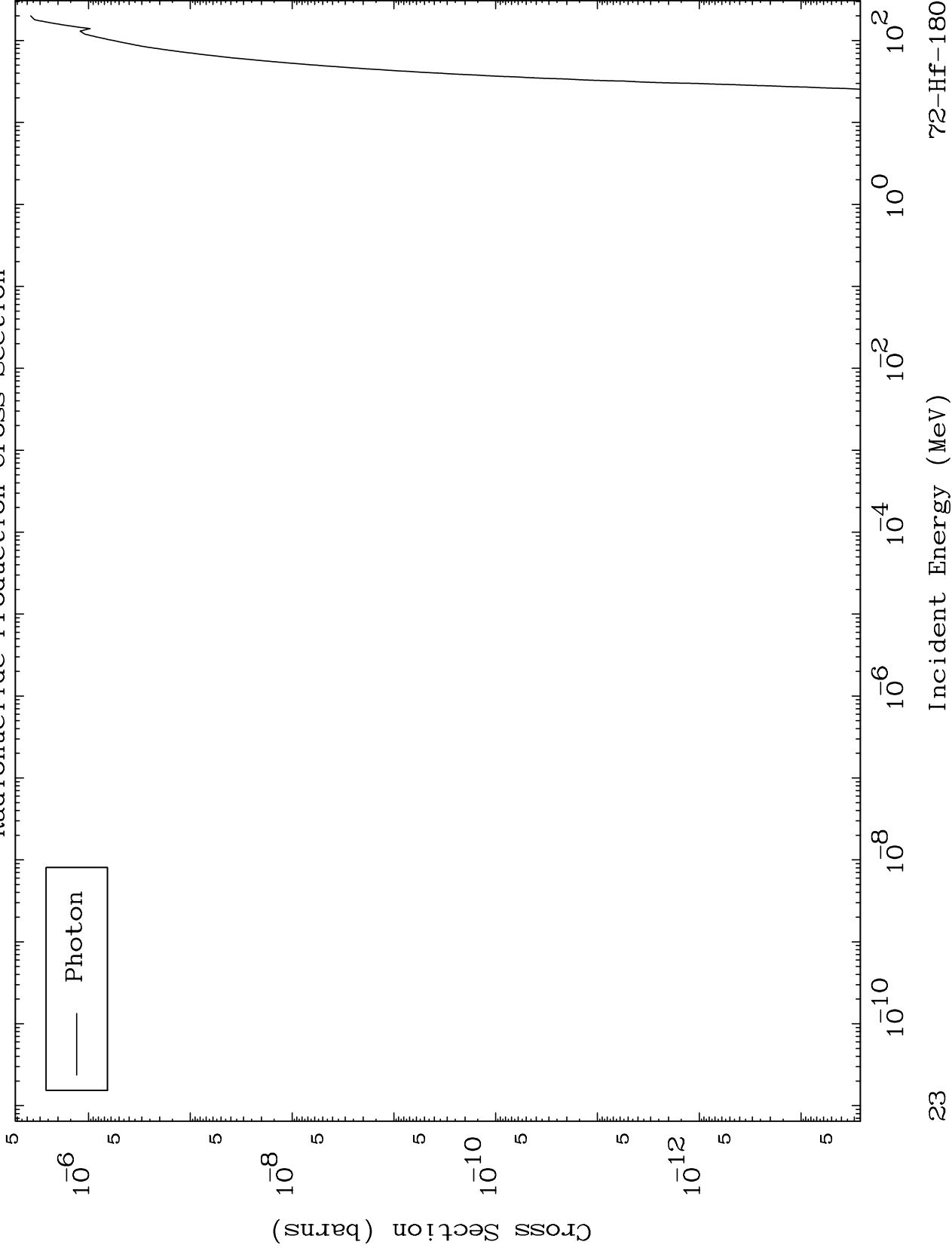


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Fission

72-Hf-180

Radionuclide Production Cross Section

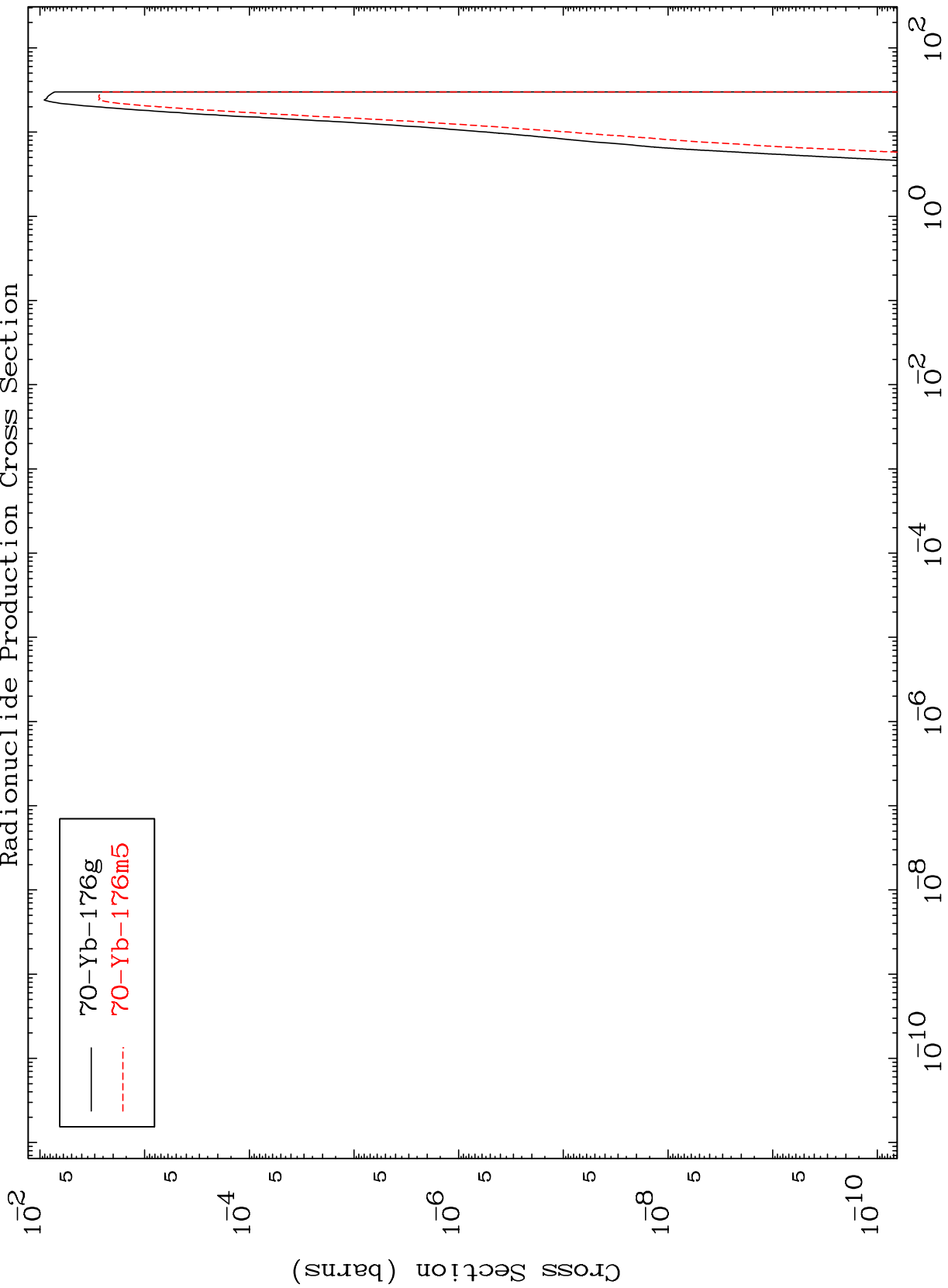


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$(n, n') \alpha$

72-Hf-180

Radionuclide Production Cross Section

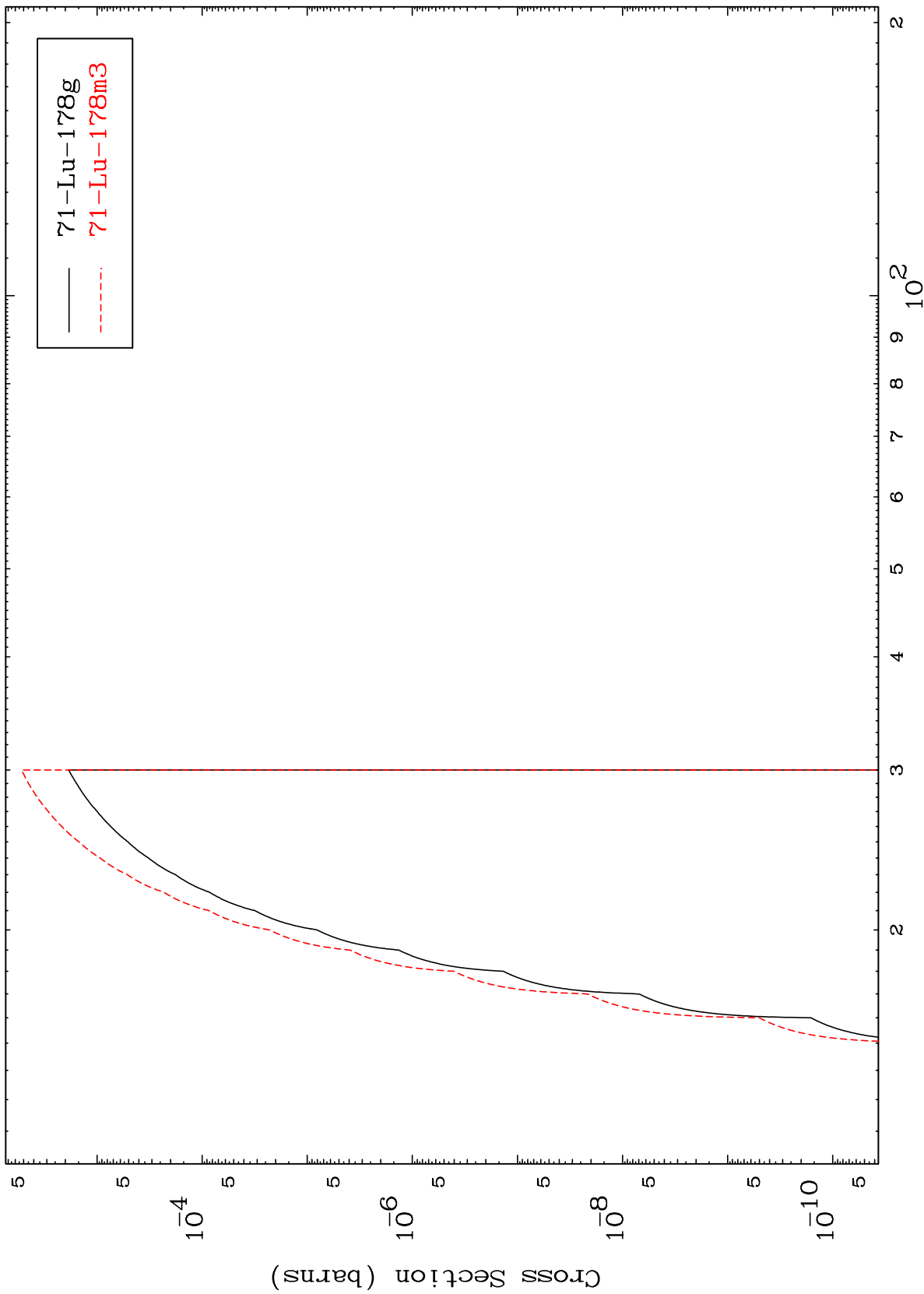


— 70-Yb-176g
- - - 70-Yb-176m5

Incident Energy (MeV)

72-Hf-180

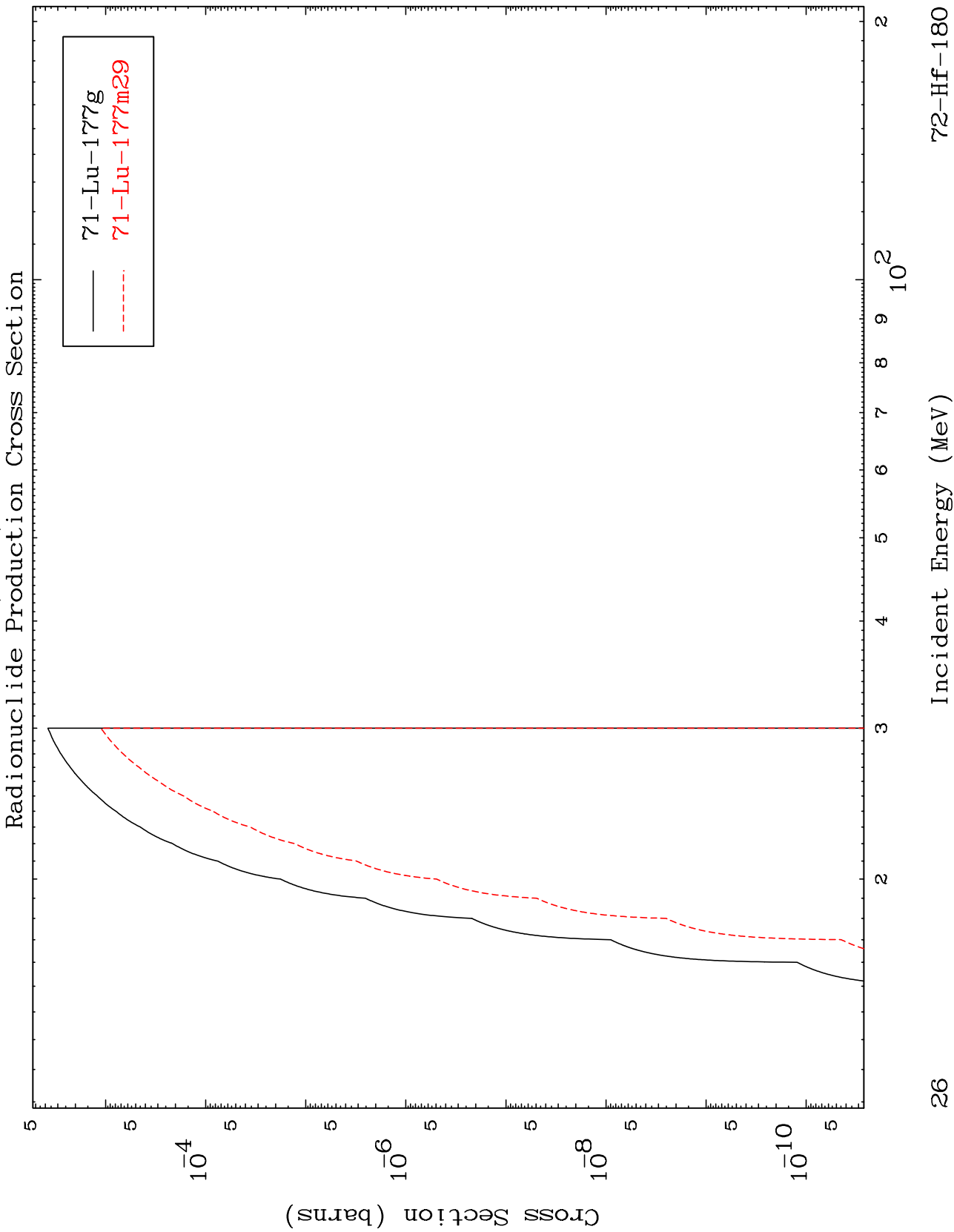
Radionuclide Production Cross Section



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(n,n') t

72-Hf-180



26

Incident Energy (MeV)

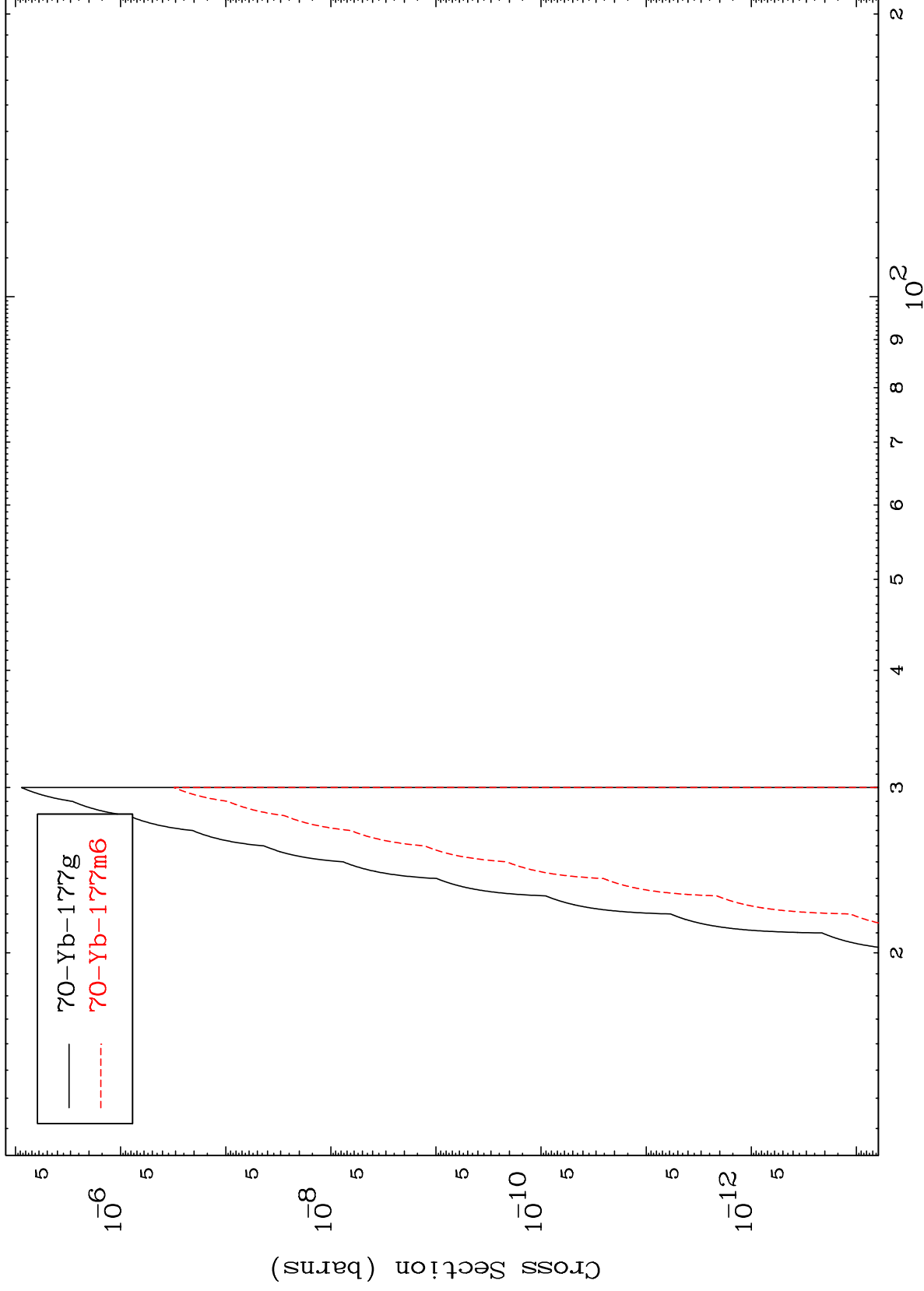
72-Hf-180

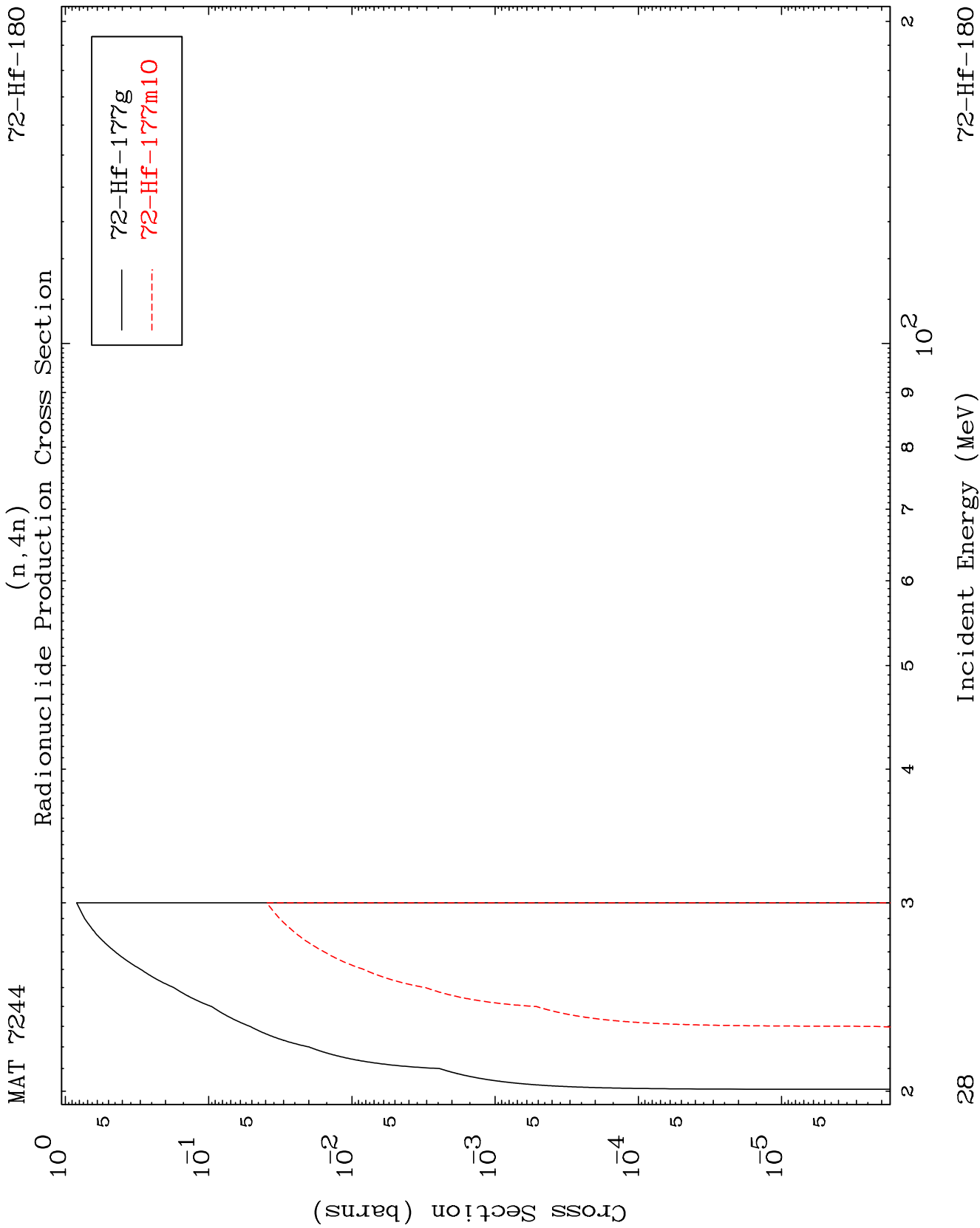
MAT 7244

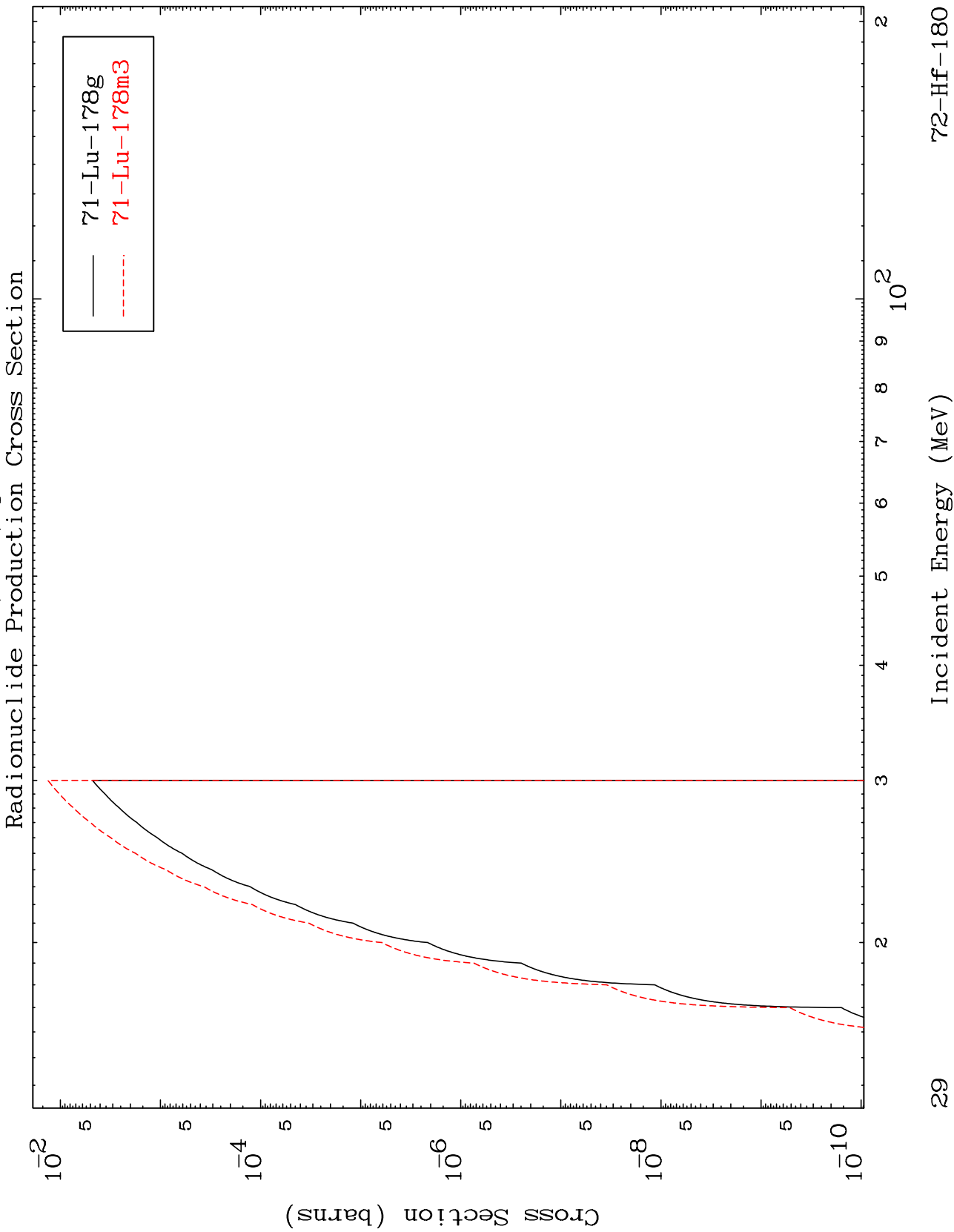
(n,n') He-3

72-Hf-180

Radionuclide Production Cross Section





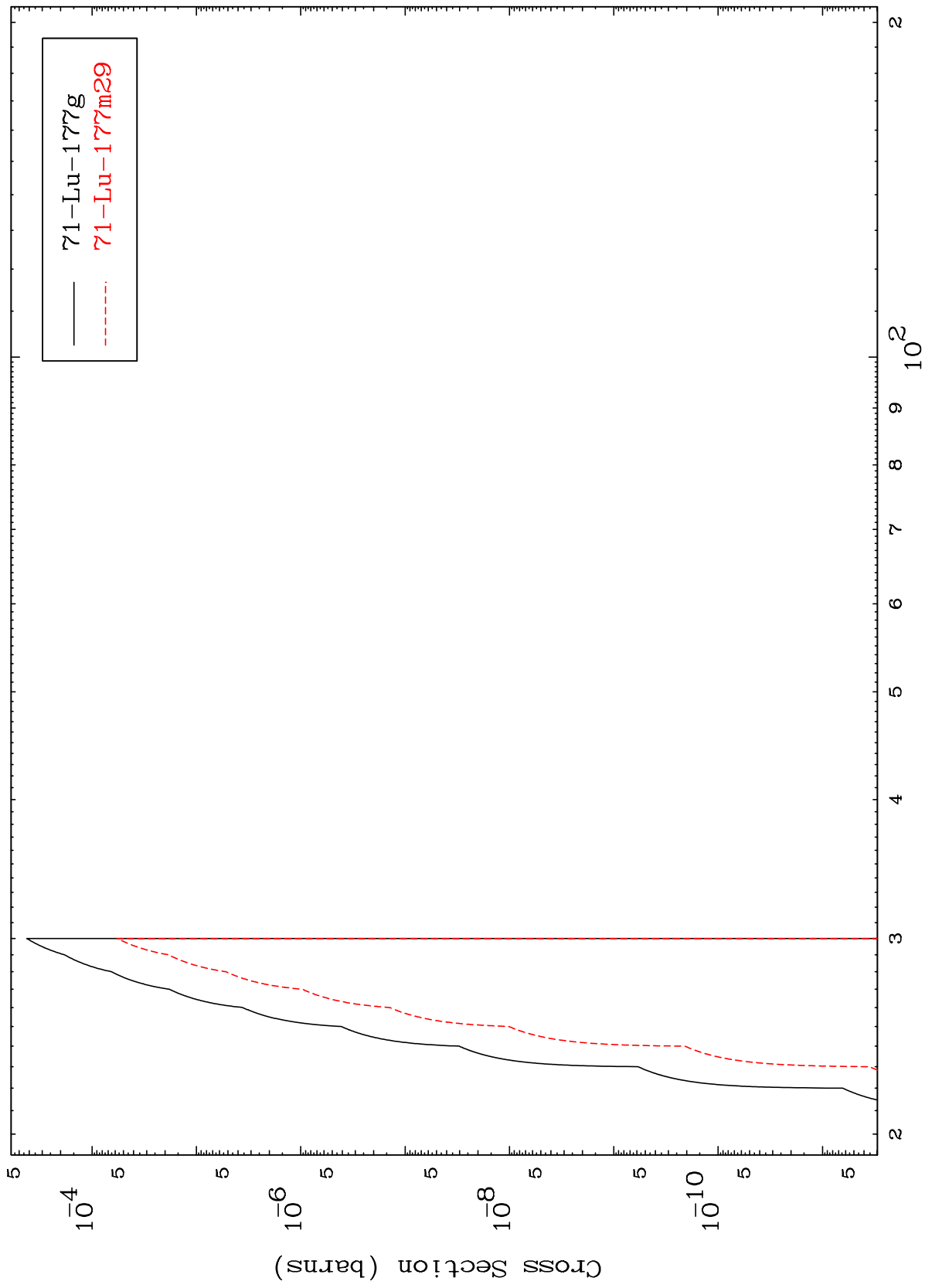


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(n,3n) p

72-Hf-180

Radionuclide Production Cross Section



30

Incident Energy (MeV)

72-Hf-180

