

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

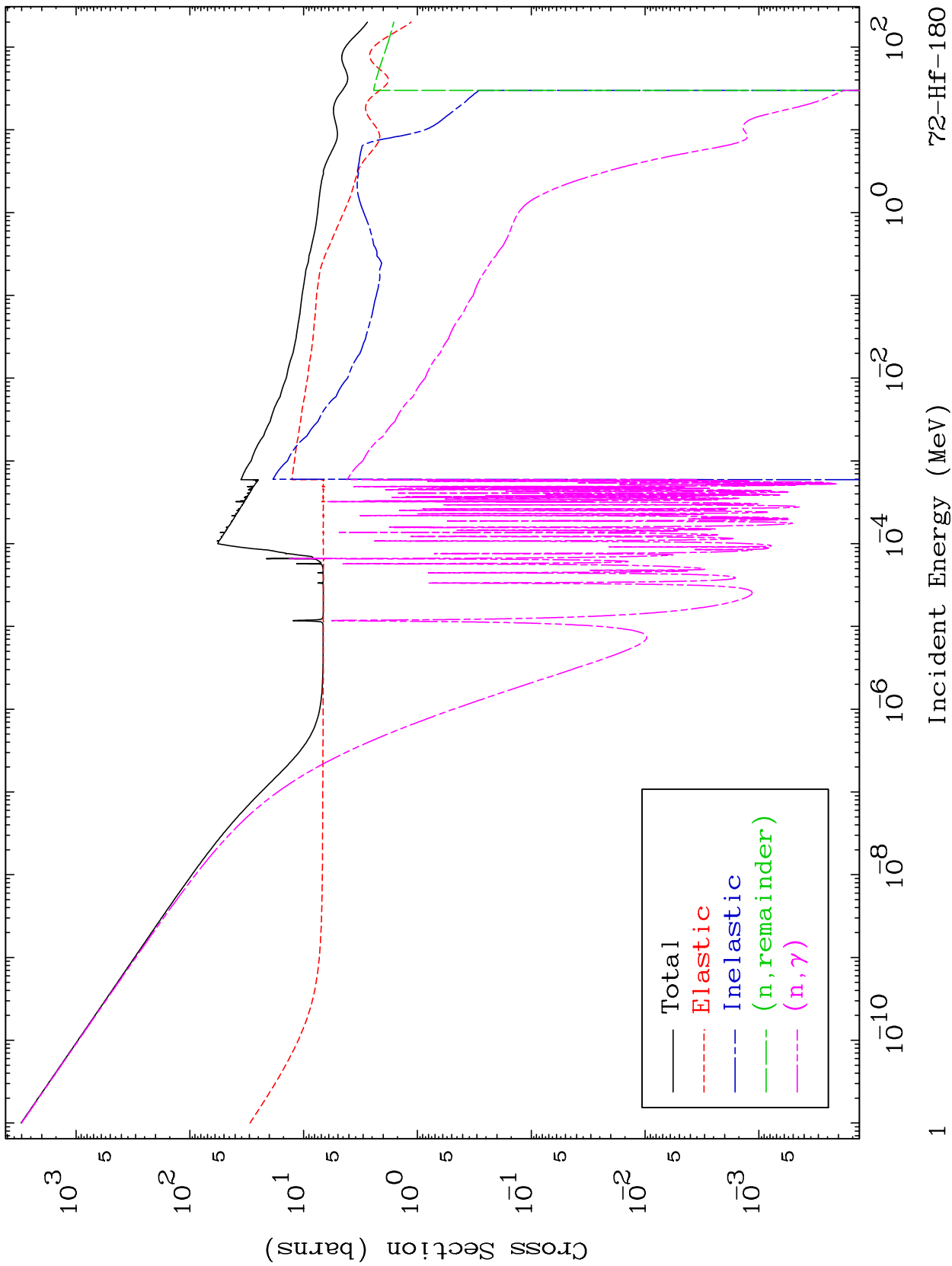
Press Mouse Button to Start

MAT 7244

Major

293 Kelvin Cross Sections

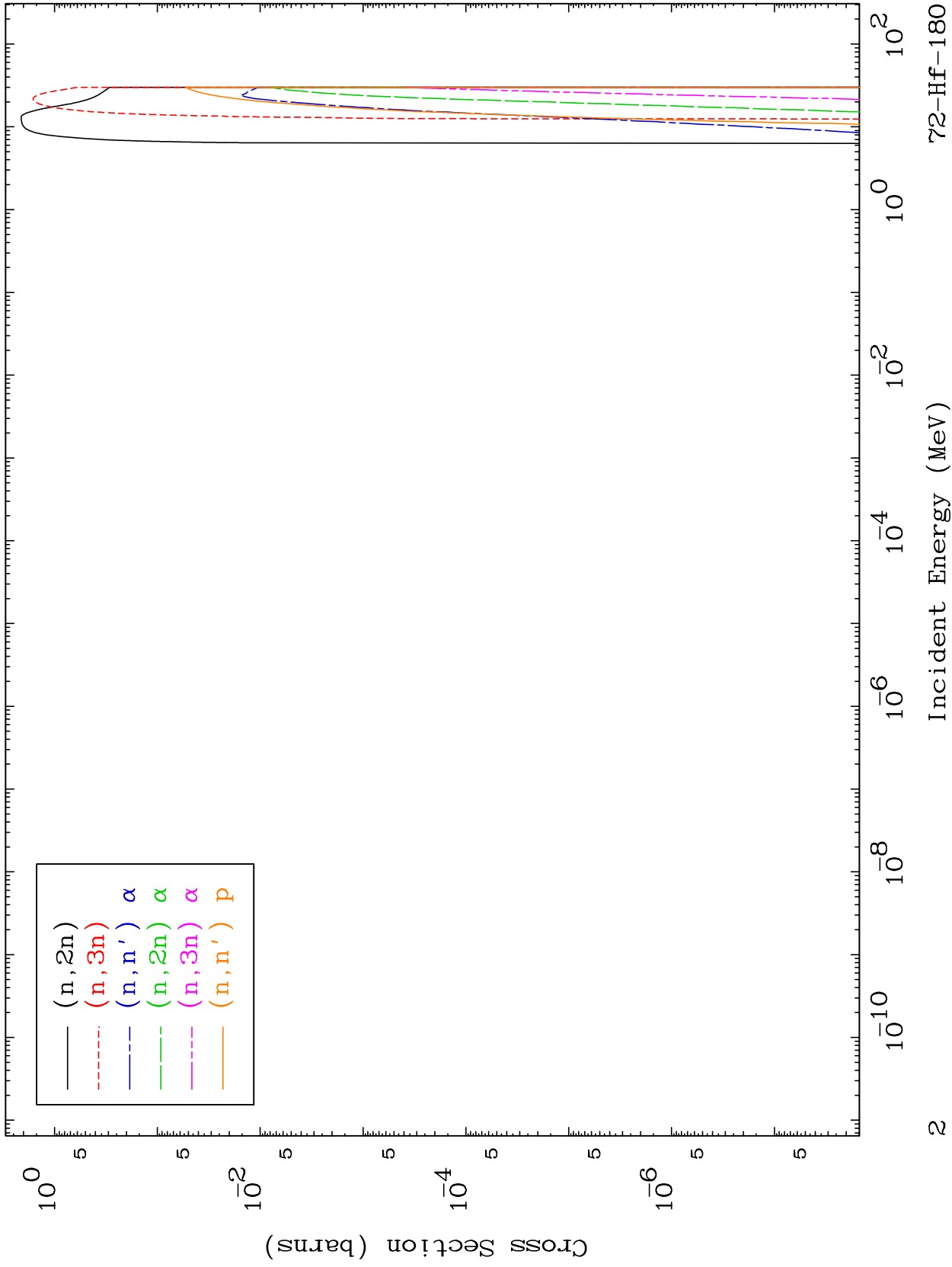
72-Hf-180

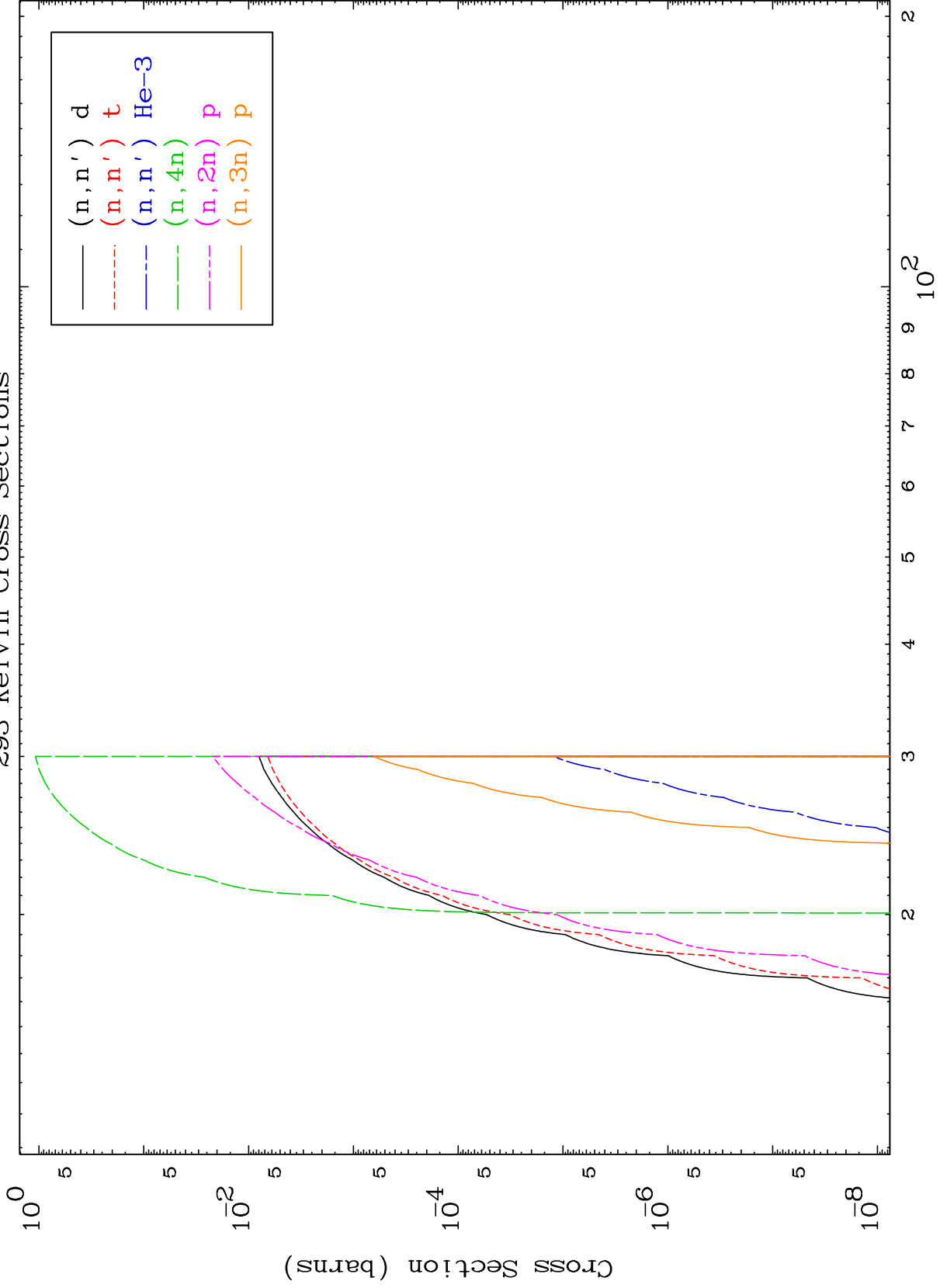


MAT 7244

Neutron Production
293 Kelvin Cross Sections

72-Hf-180

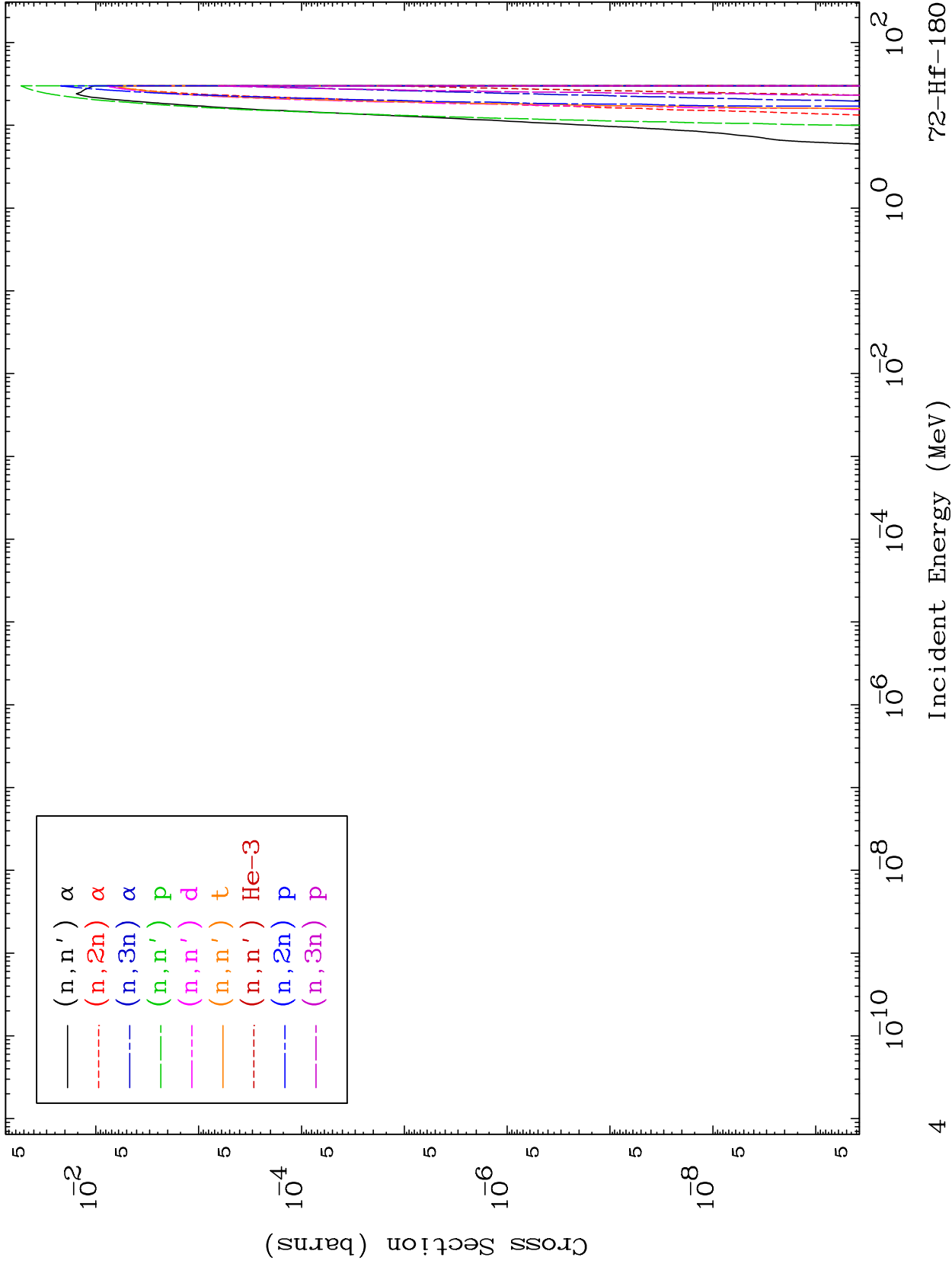




MAT 7244

Charged Particle
293 Kelvin Cross Sections

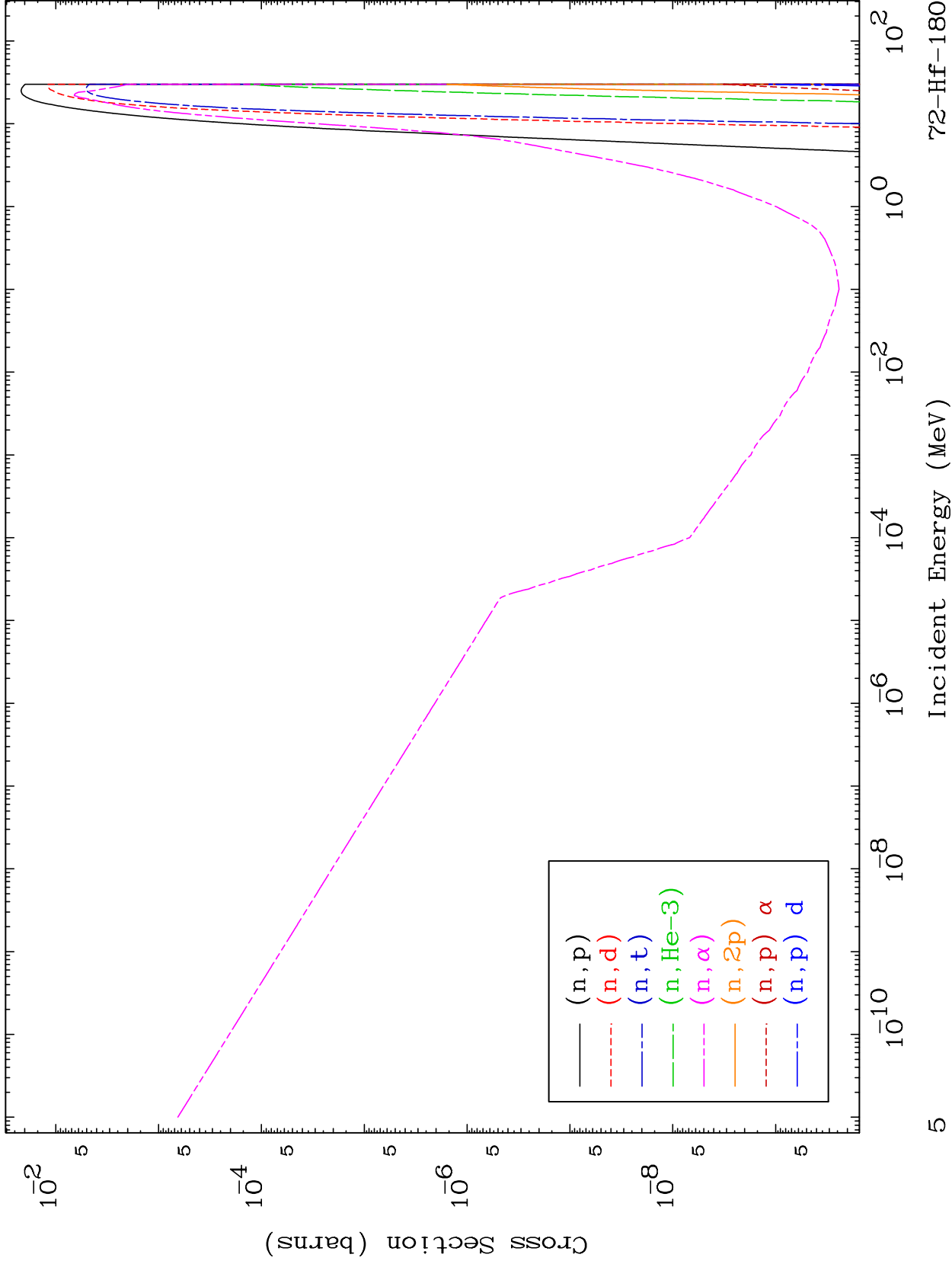
72-Hf-180



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Charged Particle
293 Kelvin Cross Sections

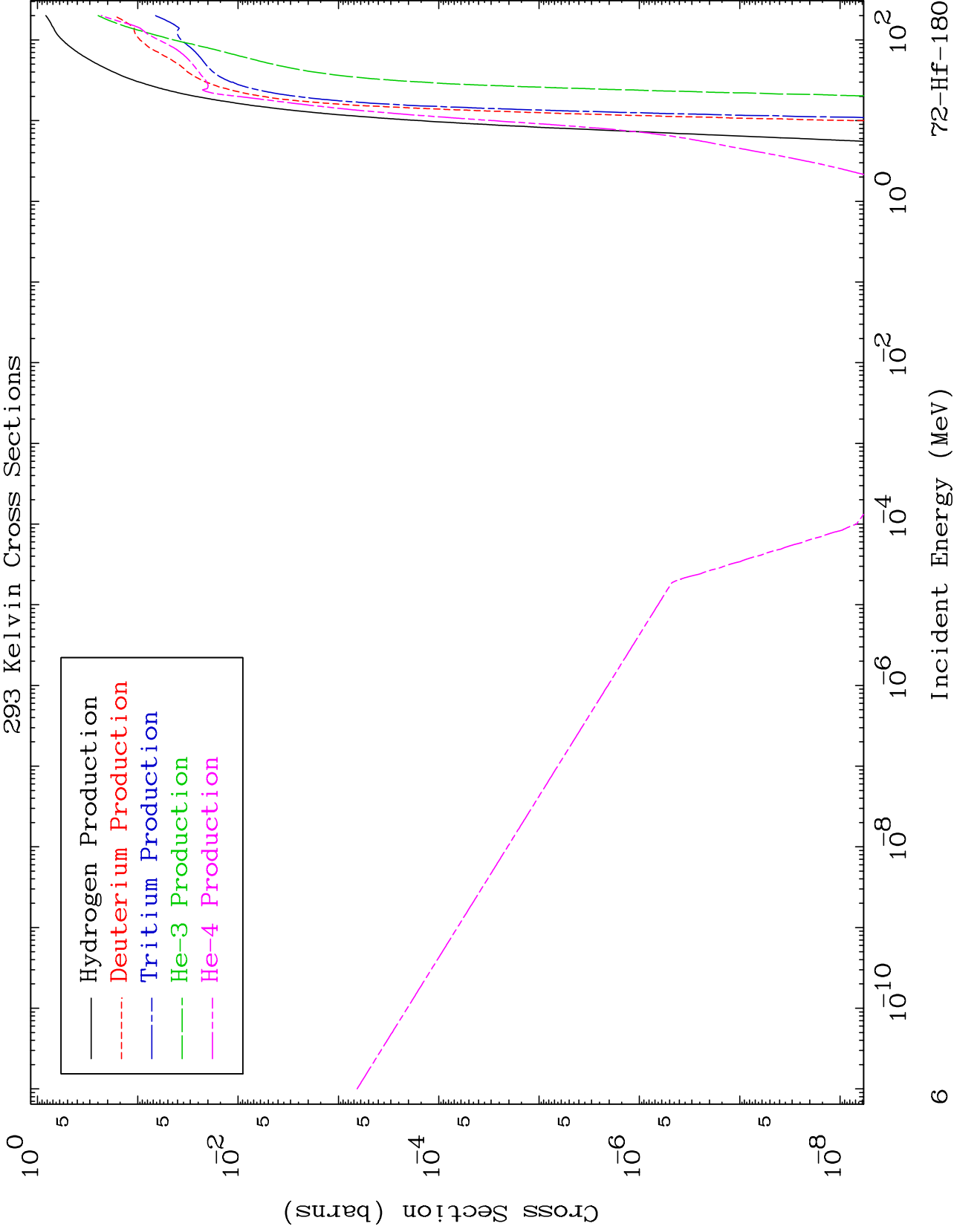
72-Hf-180



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Particle Production
293 Kelvin Cross Sections

72-Hf-180

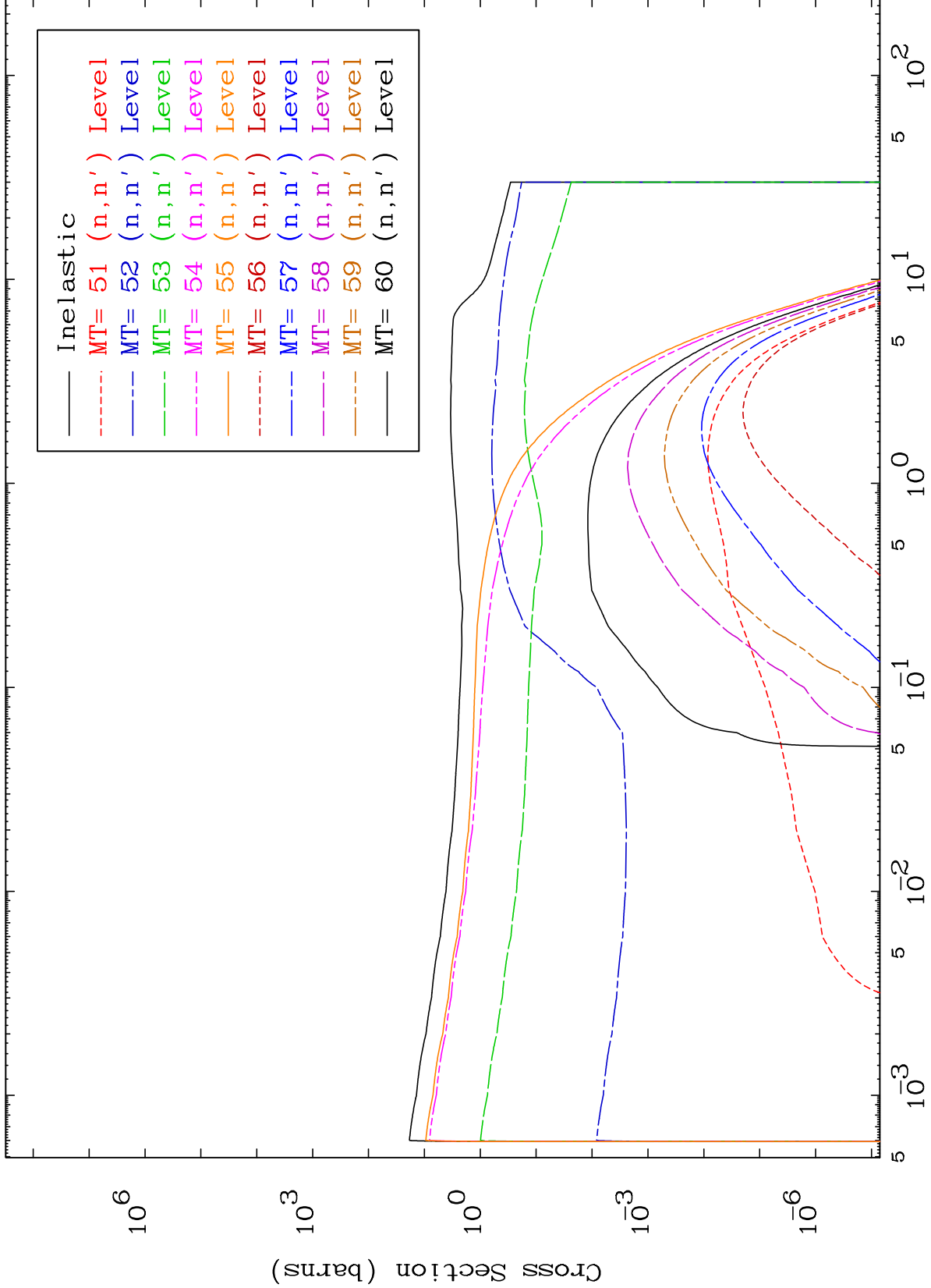


MAT 7244

(n,n') Level

72-Hf-180

293 Kelvin Cross Sections



7

Incident Energy (MeV)

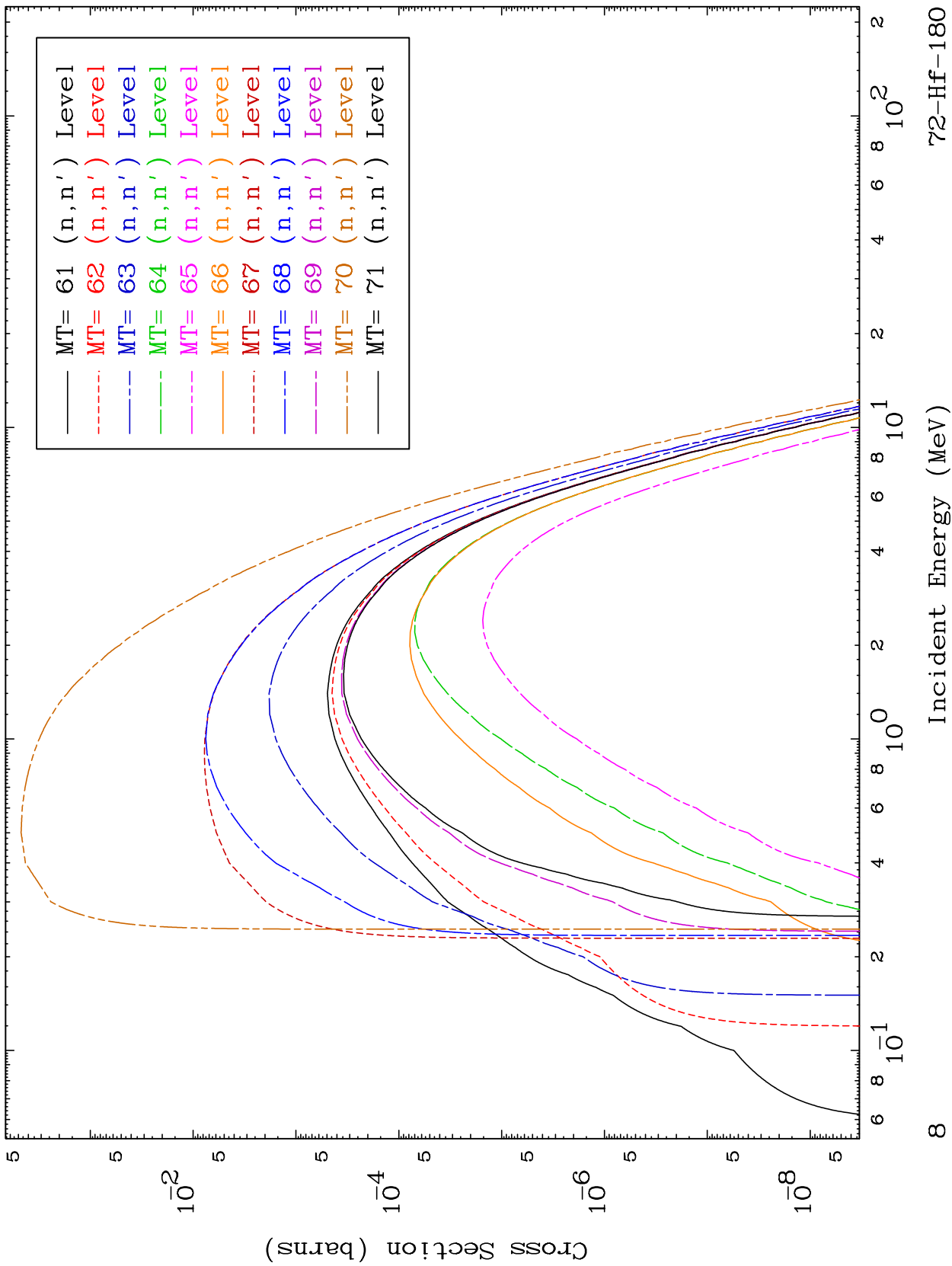
72-Hf-180

MAT 7244

(n,n') Level

72-Hf-180

293 Kelvin Cross Sections

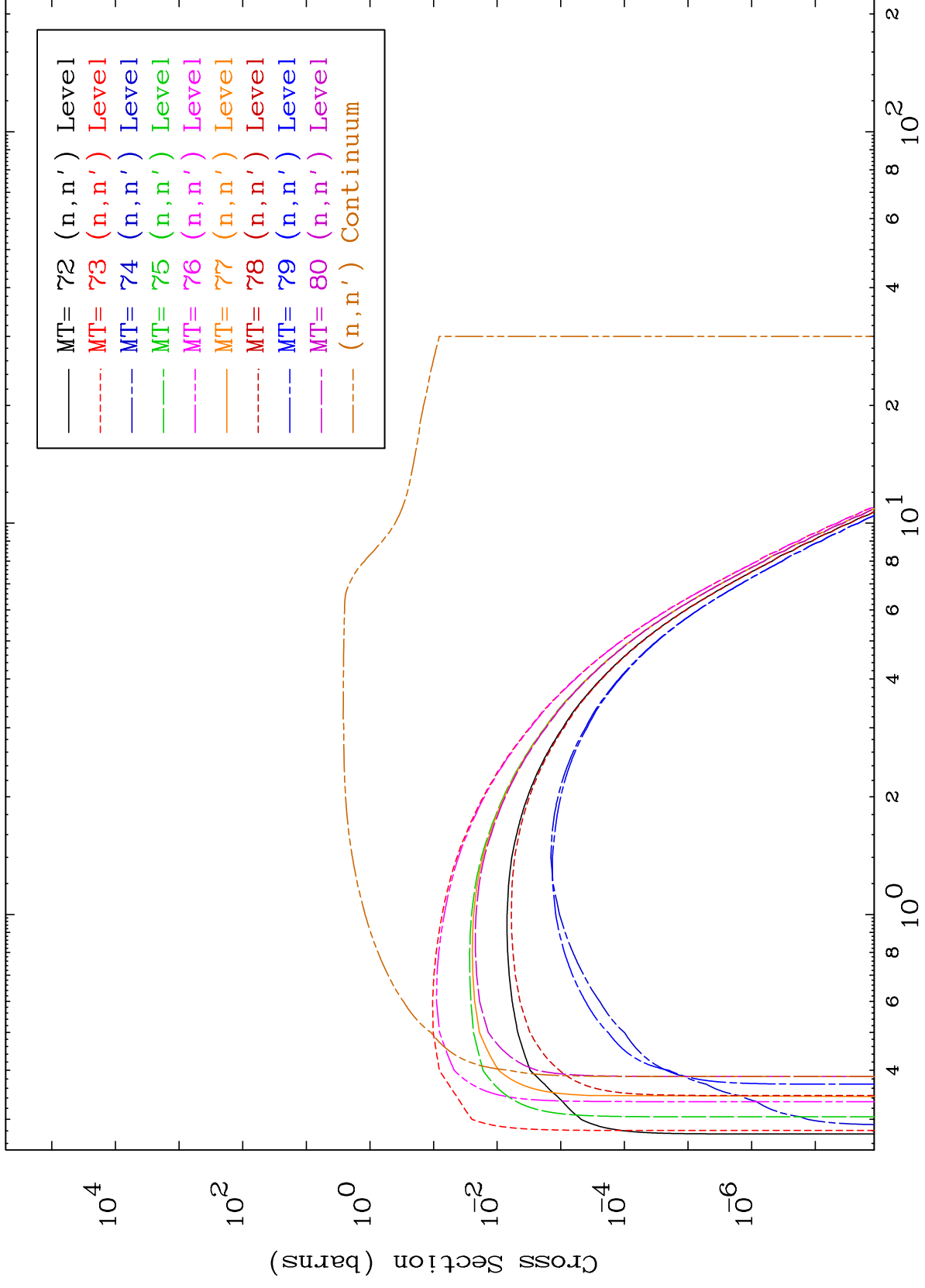


8

Incident Energy (MeV)

72-Hf-180

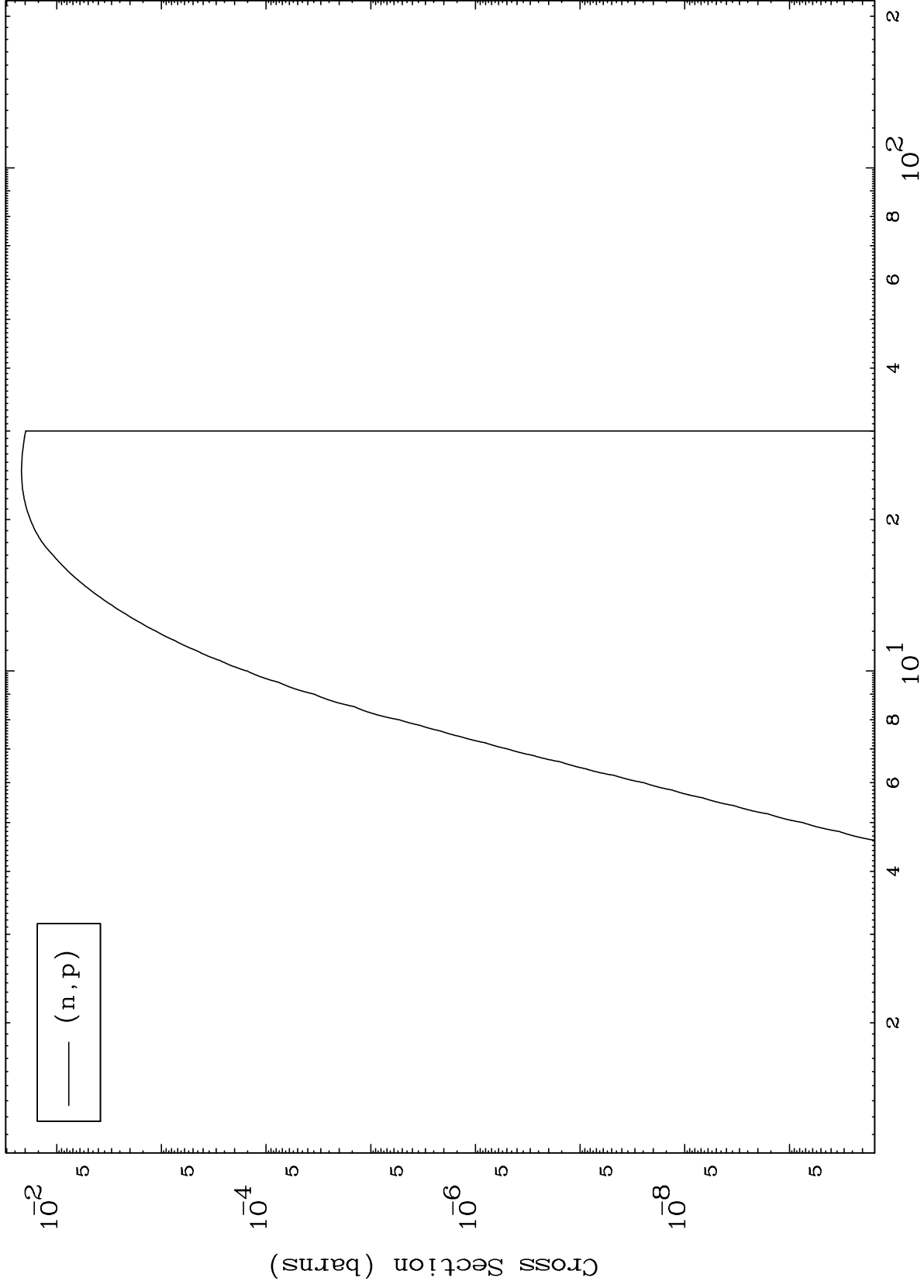
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

72-Hf-180



10

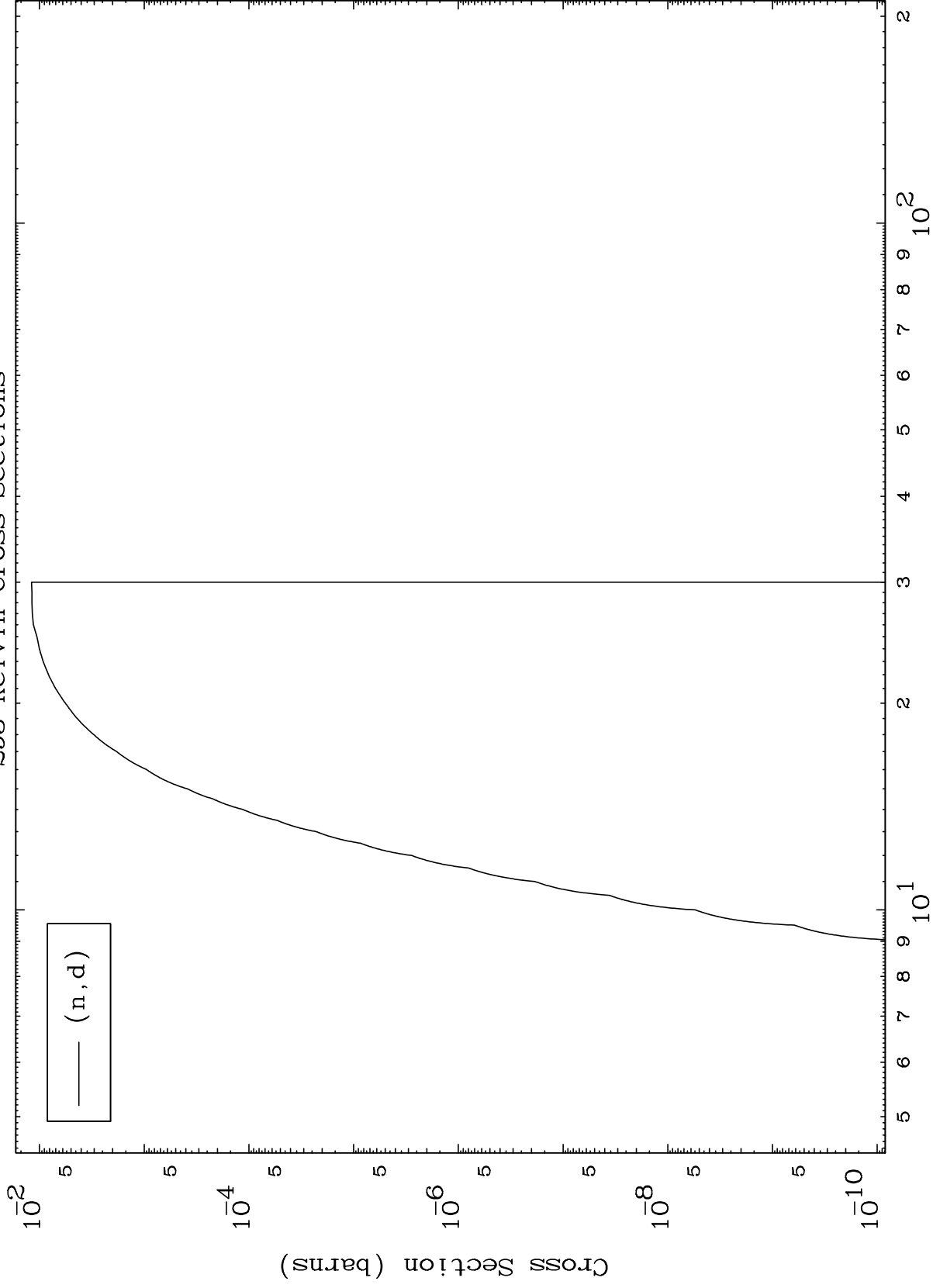
Incident Energy (MeV)

72-Hf-180

MAT 7244

(n,d) Levels
293 Kelvin Cross Sections

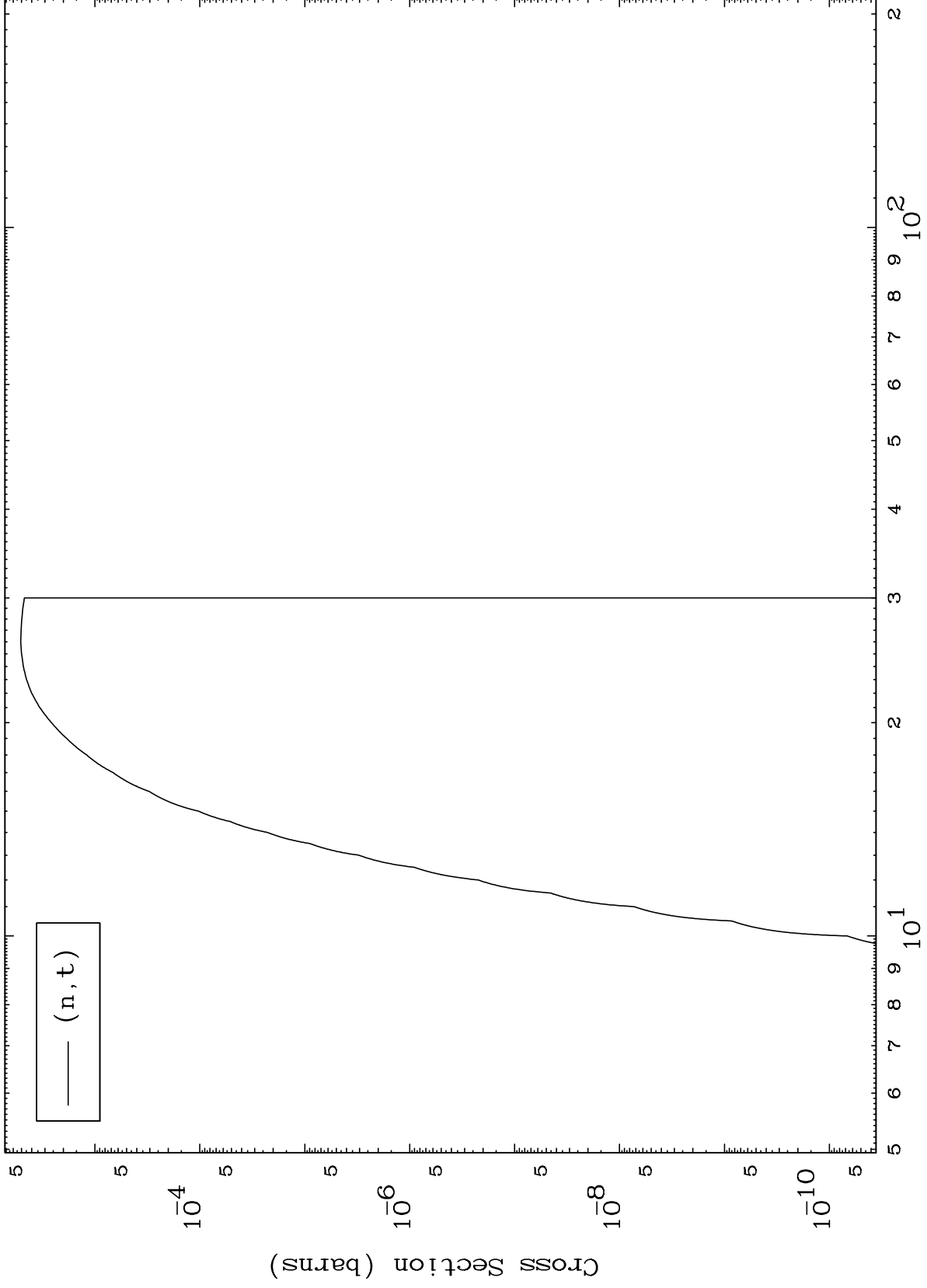
72-Hf-180



MAT 7244

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-180



(n,t)

12

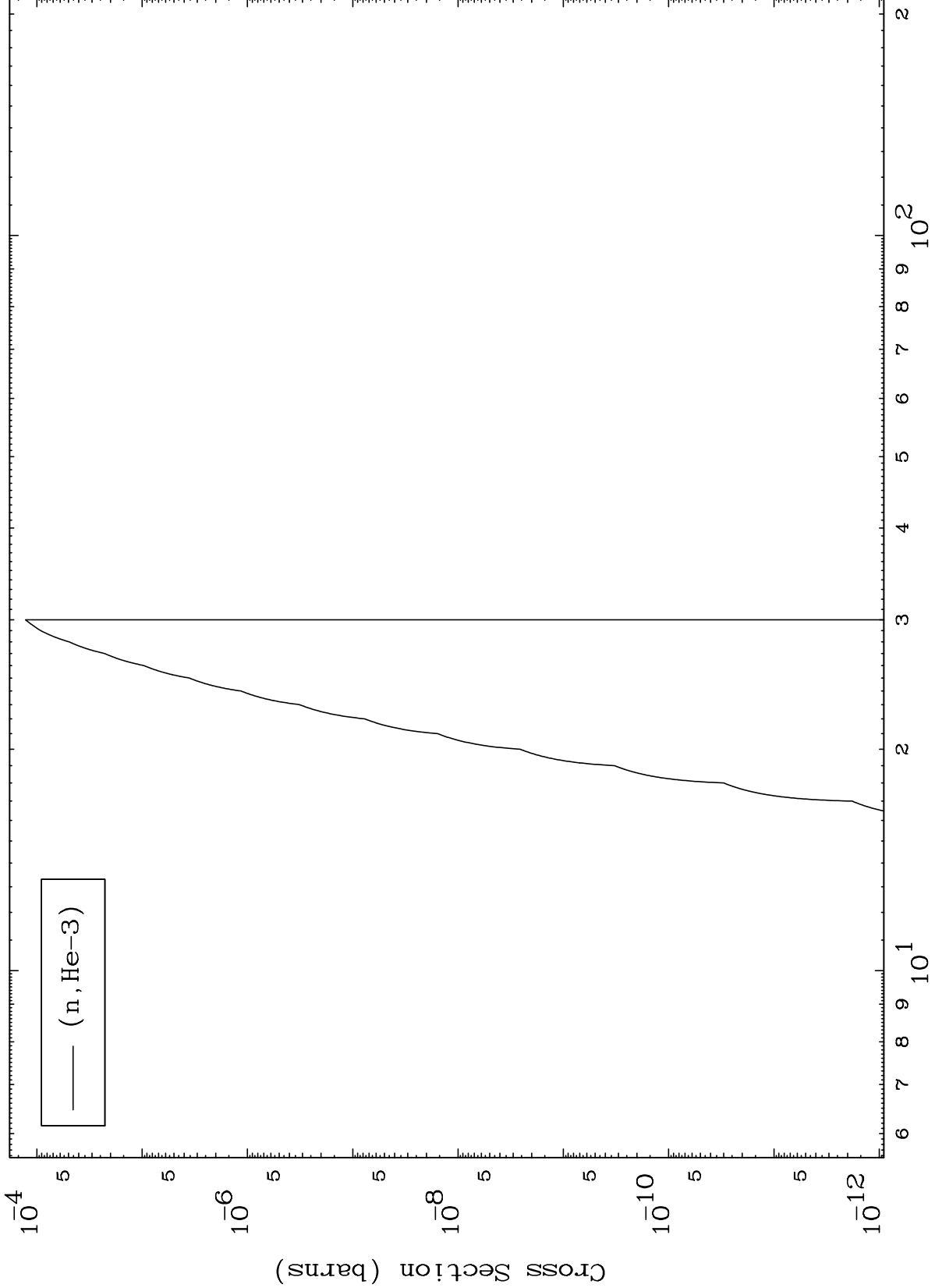
Incident Energy (MeV)

72-Hf-180

MAT 7244

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-180



13

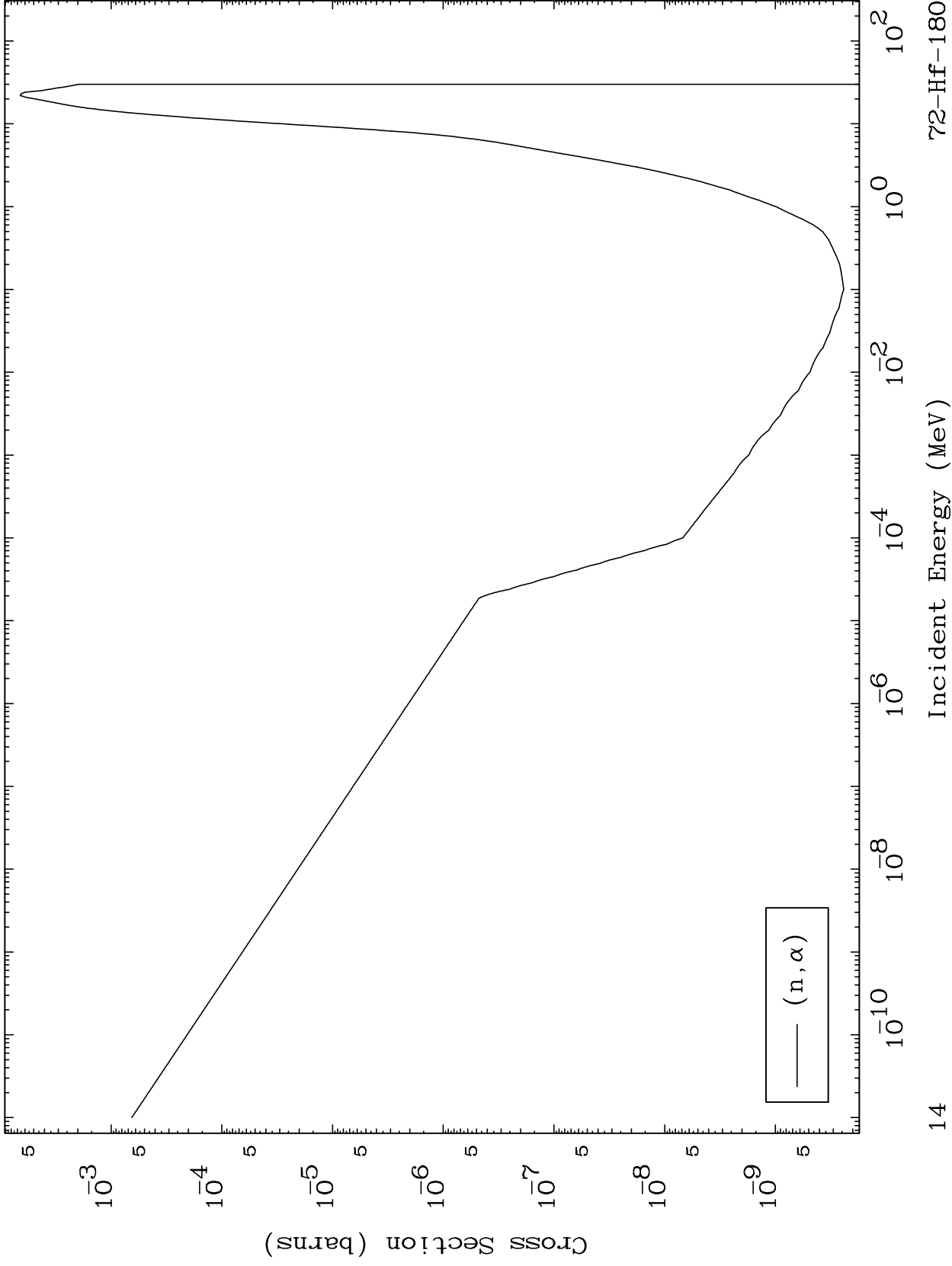
Incident Energy (MeV)

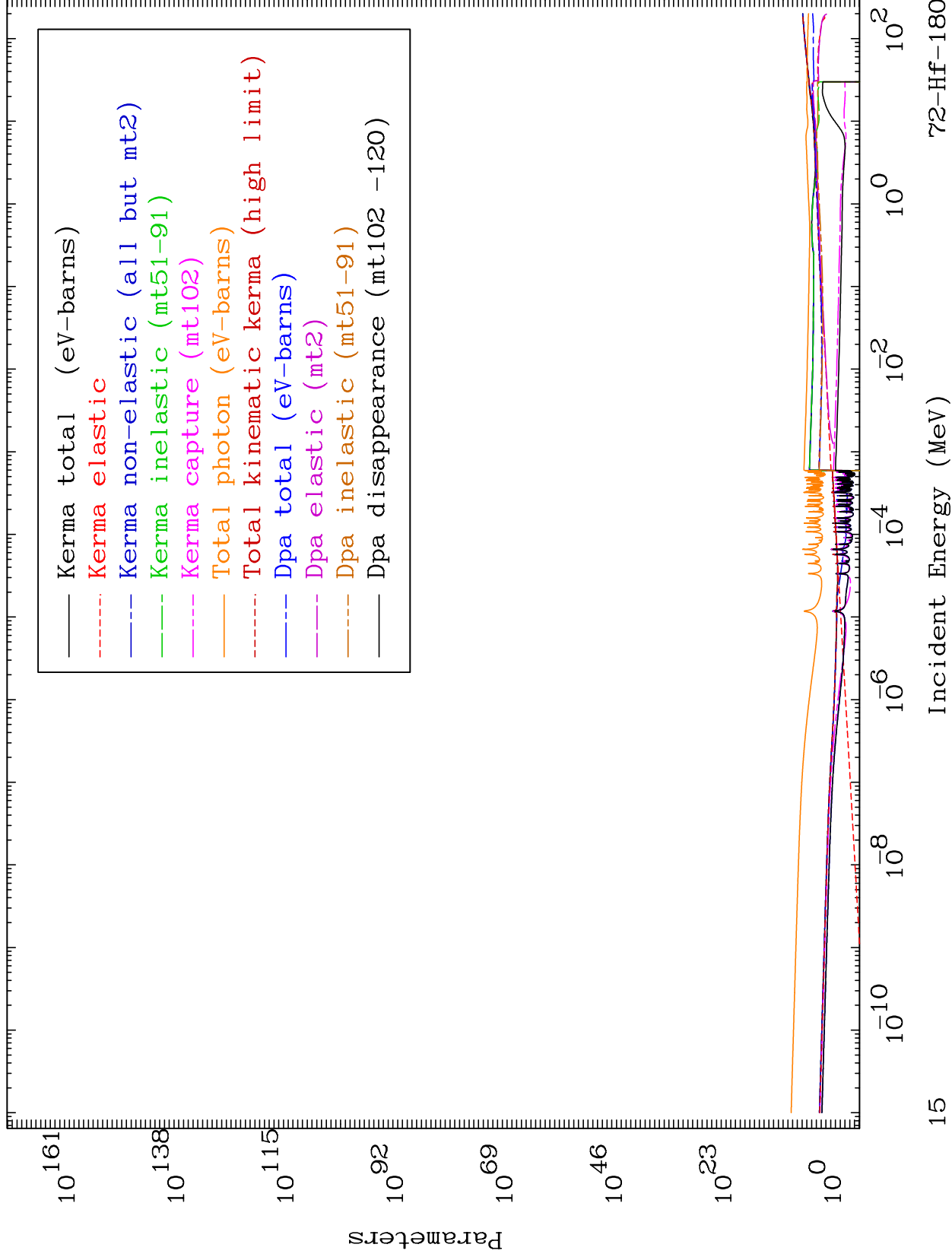
72-Hf-180

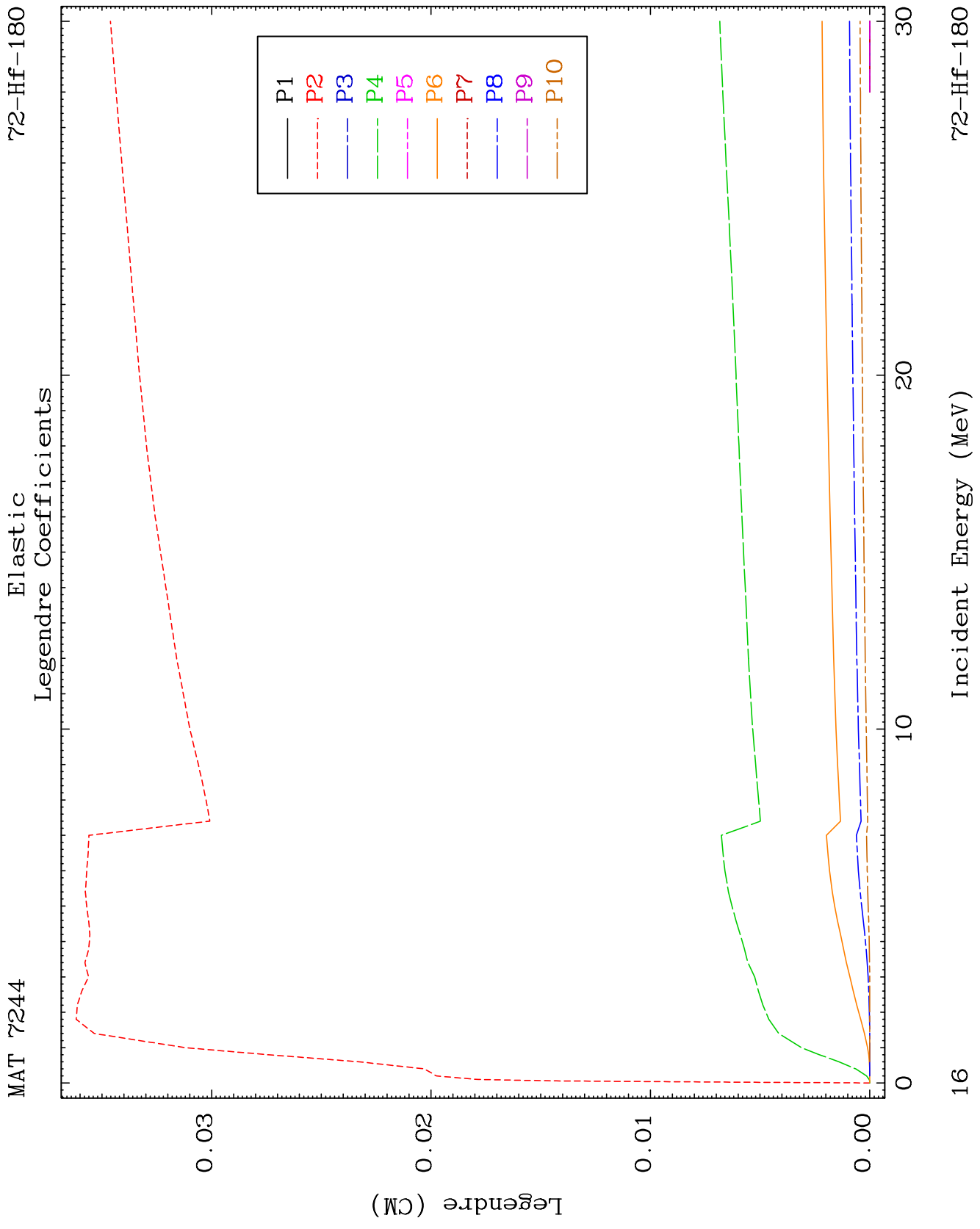
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(n,α) Levels
293 Kelvin Cross Sections

72-Hf-180



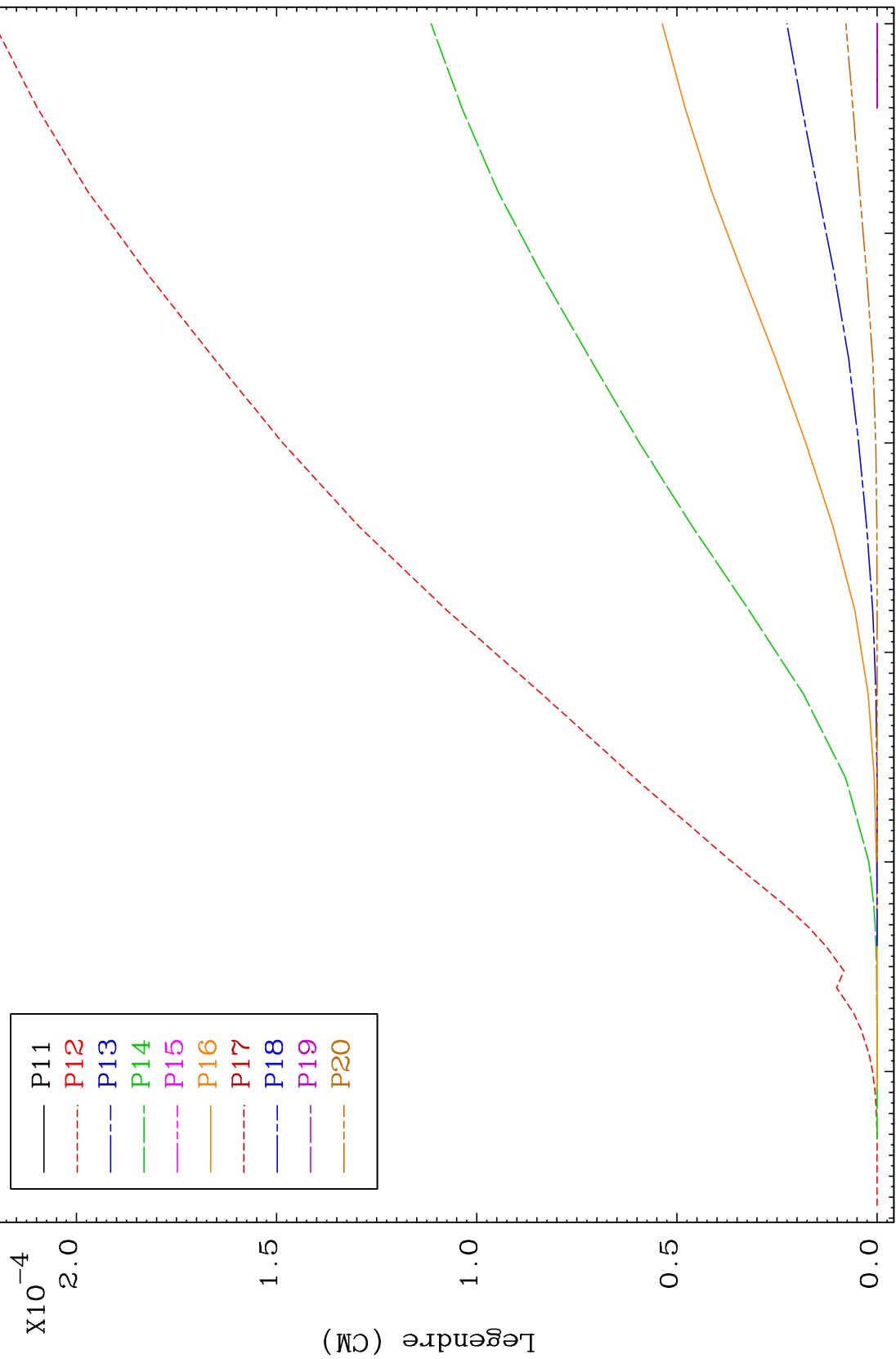
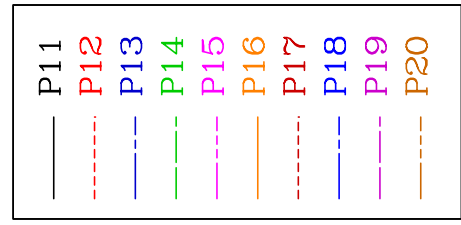




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Elastic Legendre Coefficients

72-Hf-180



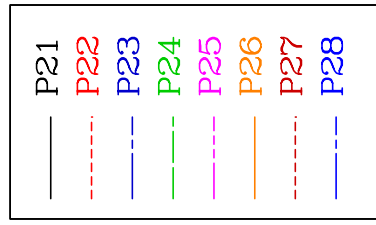
17

72-Hf-180

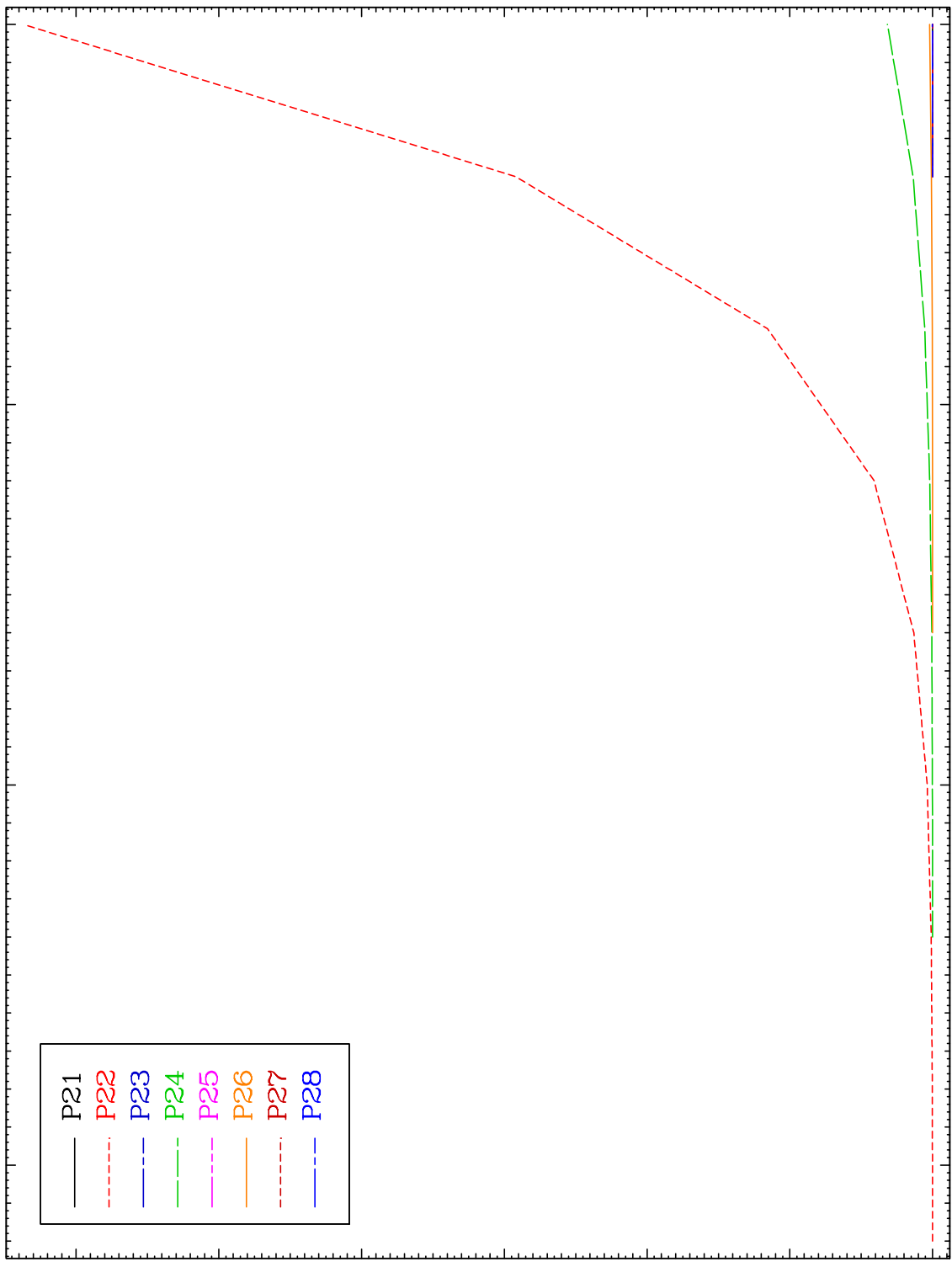
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Elastic
Legendre Coefficients

72-Hf-180



Legendre (CM)
 $\times 10^{-6}$



18

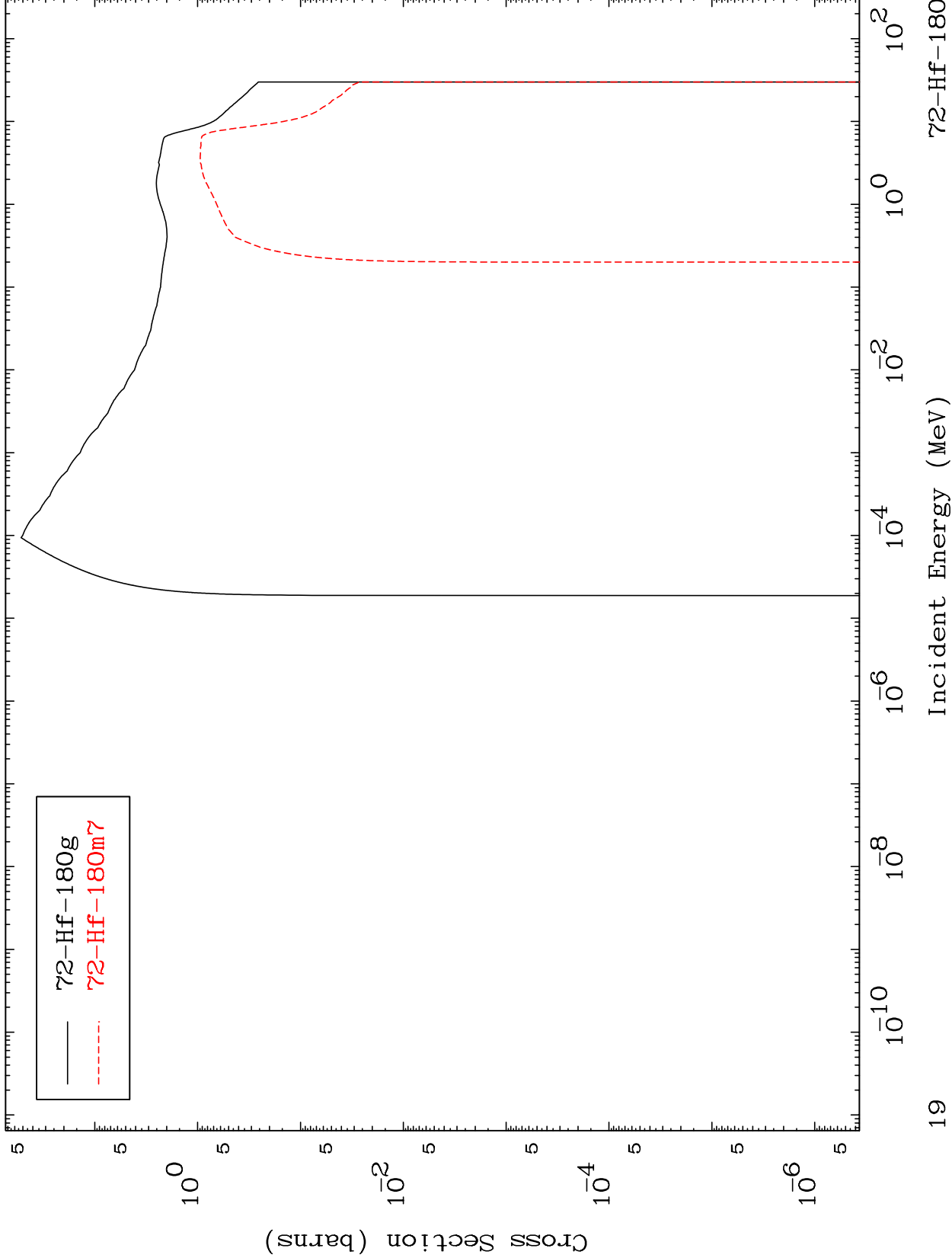
Incident Energy (MeV)

72-Hf-180

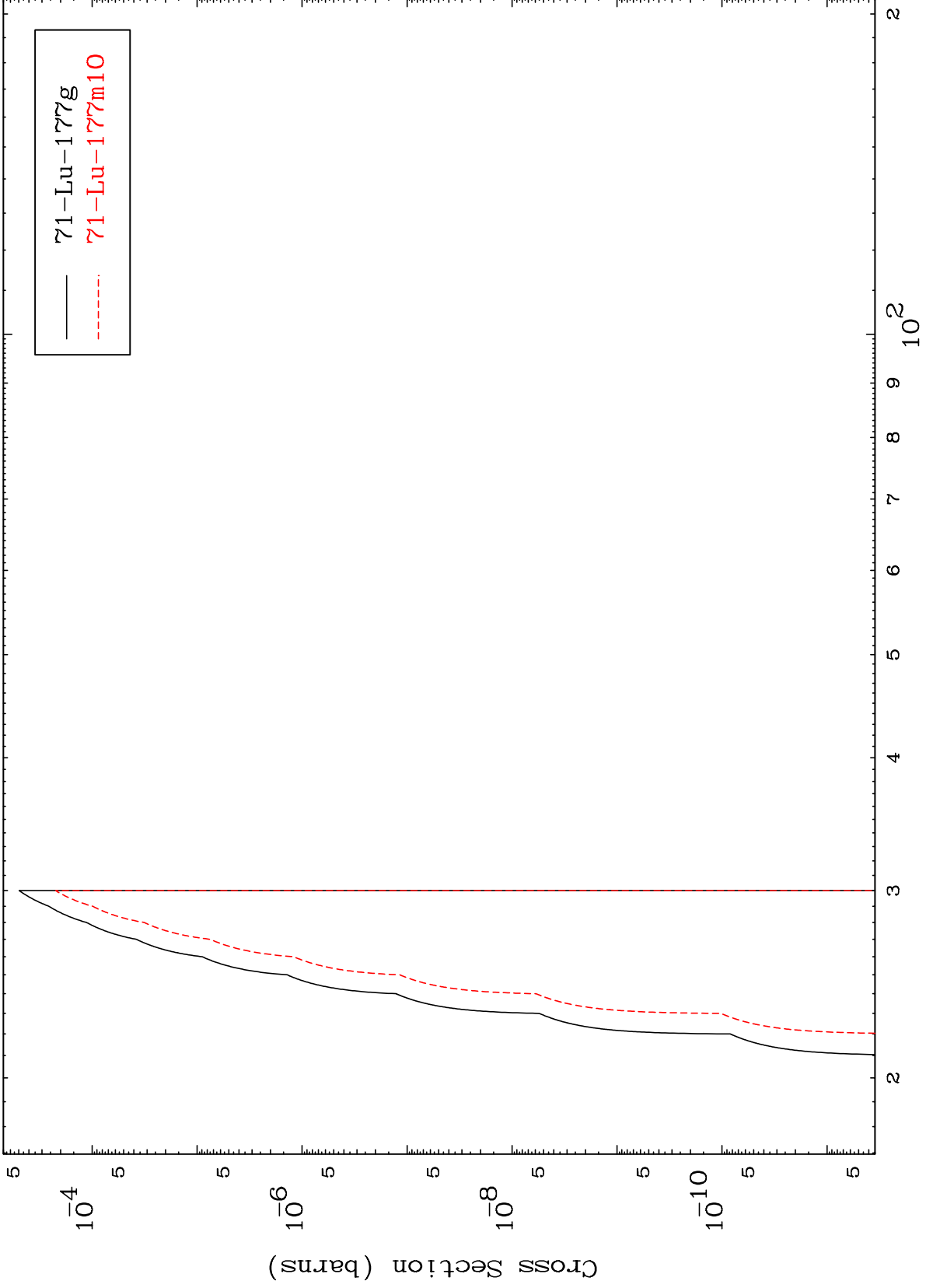
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Inelastic
Radionuclide Production Cross Section

72-Hf-180



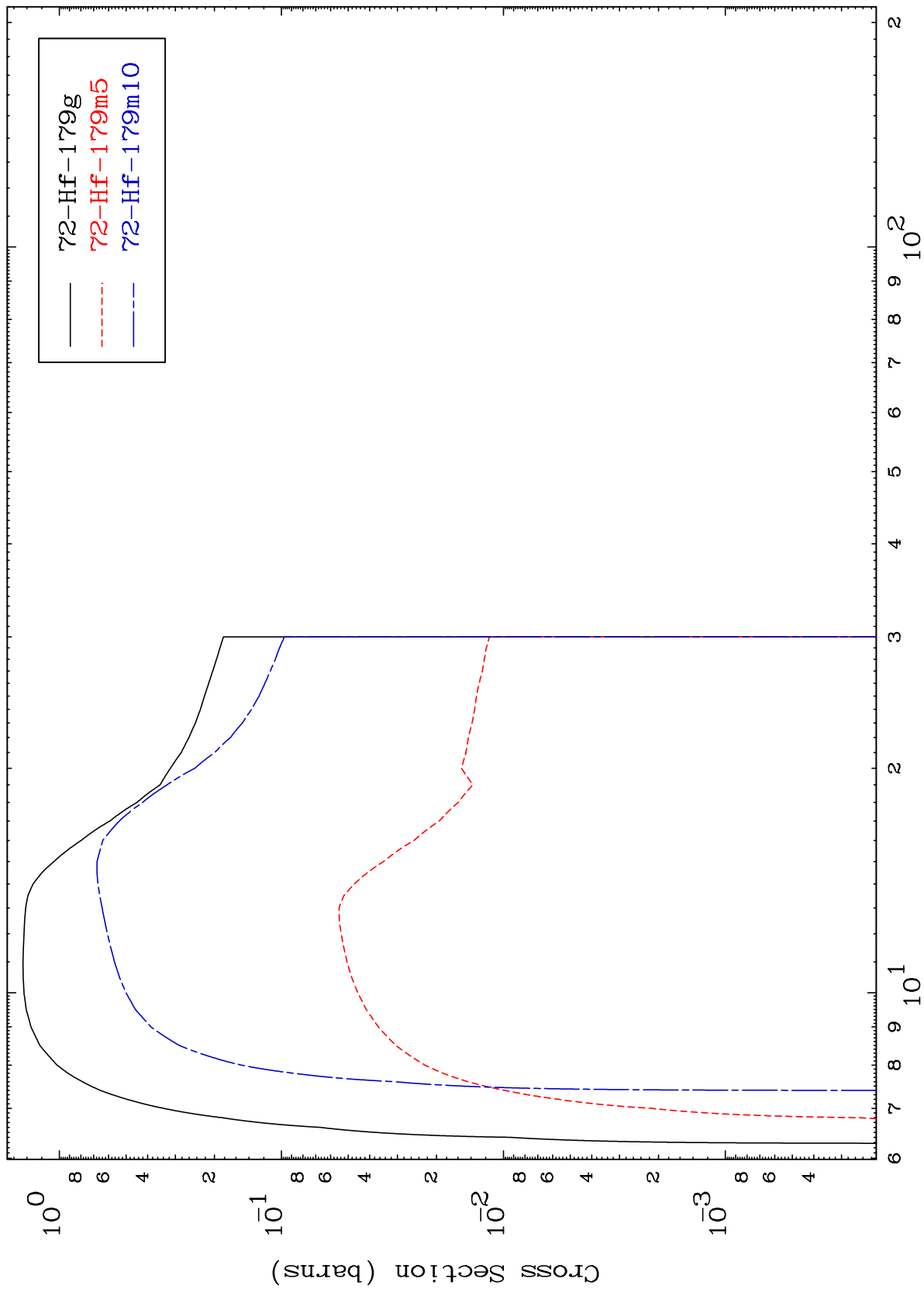
Radionuclide Production Cross Section



MAT 7244

72-Hf-180

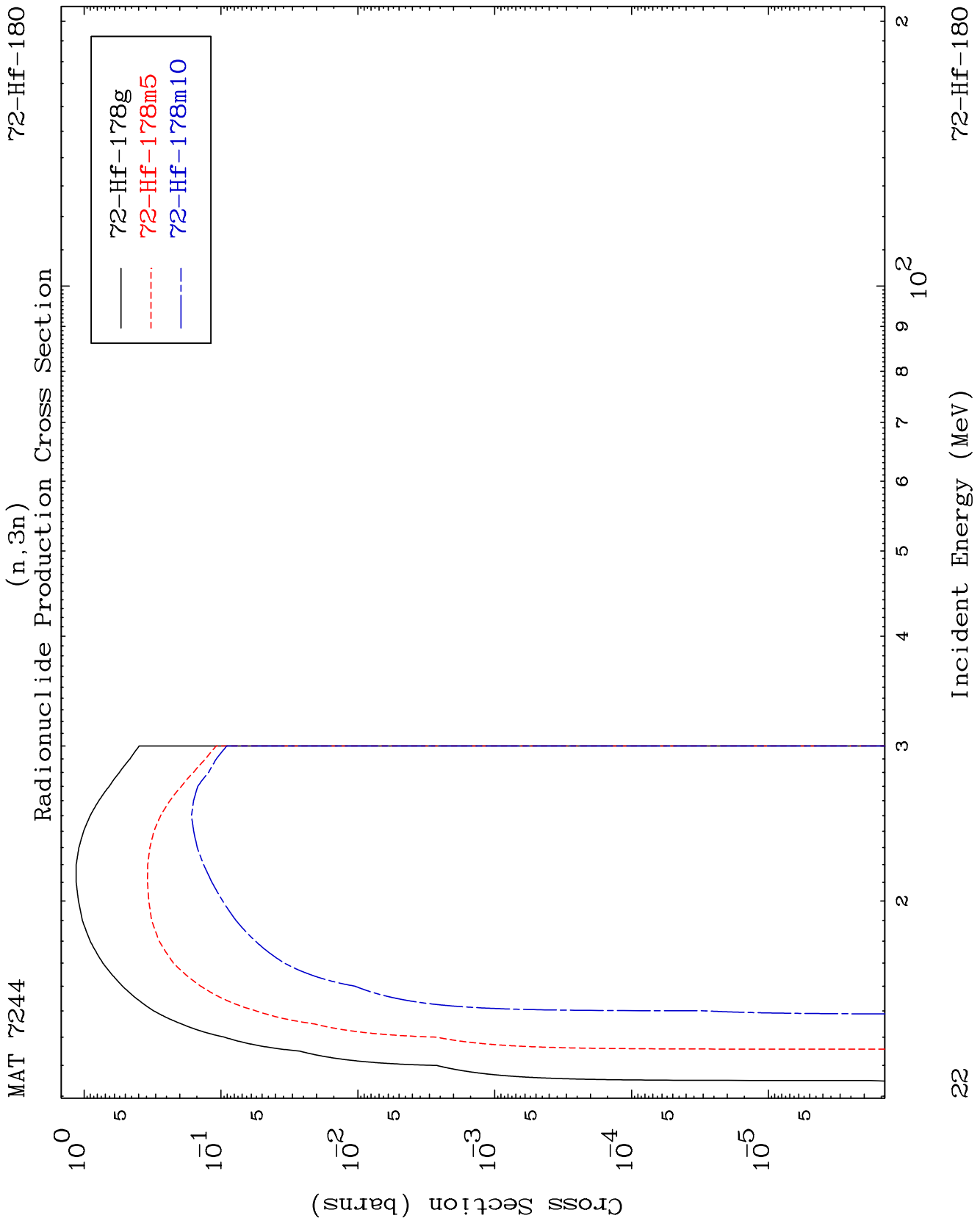
(n,2n)
Radionuclide Production Cross Section



72-Hf-180

Incident Energy (MeV)

21

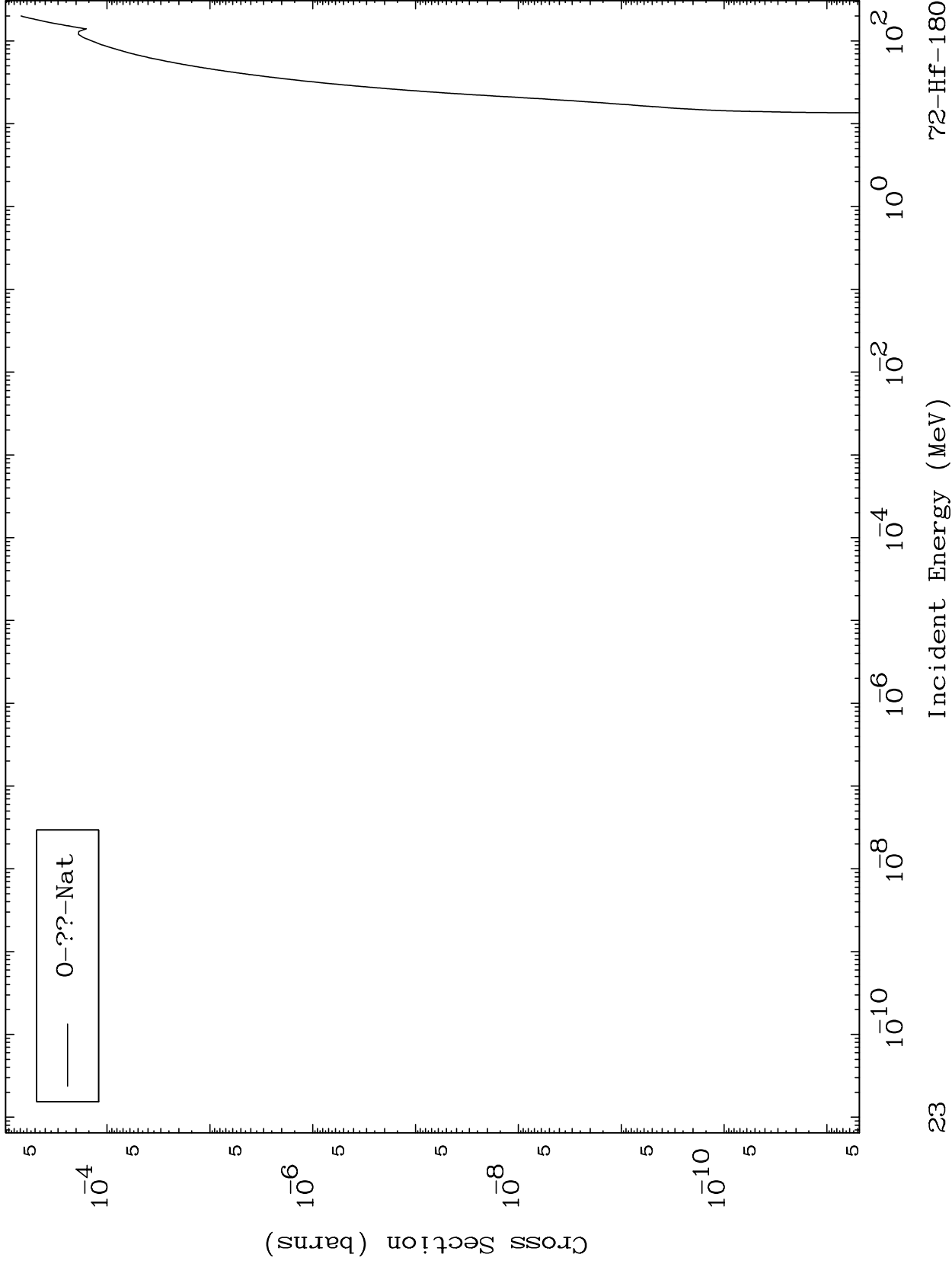


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Fission

72-Hf-180

Radionuclide Production Cross Section

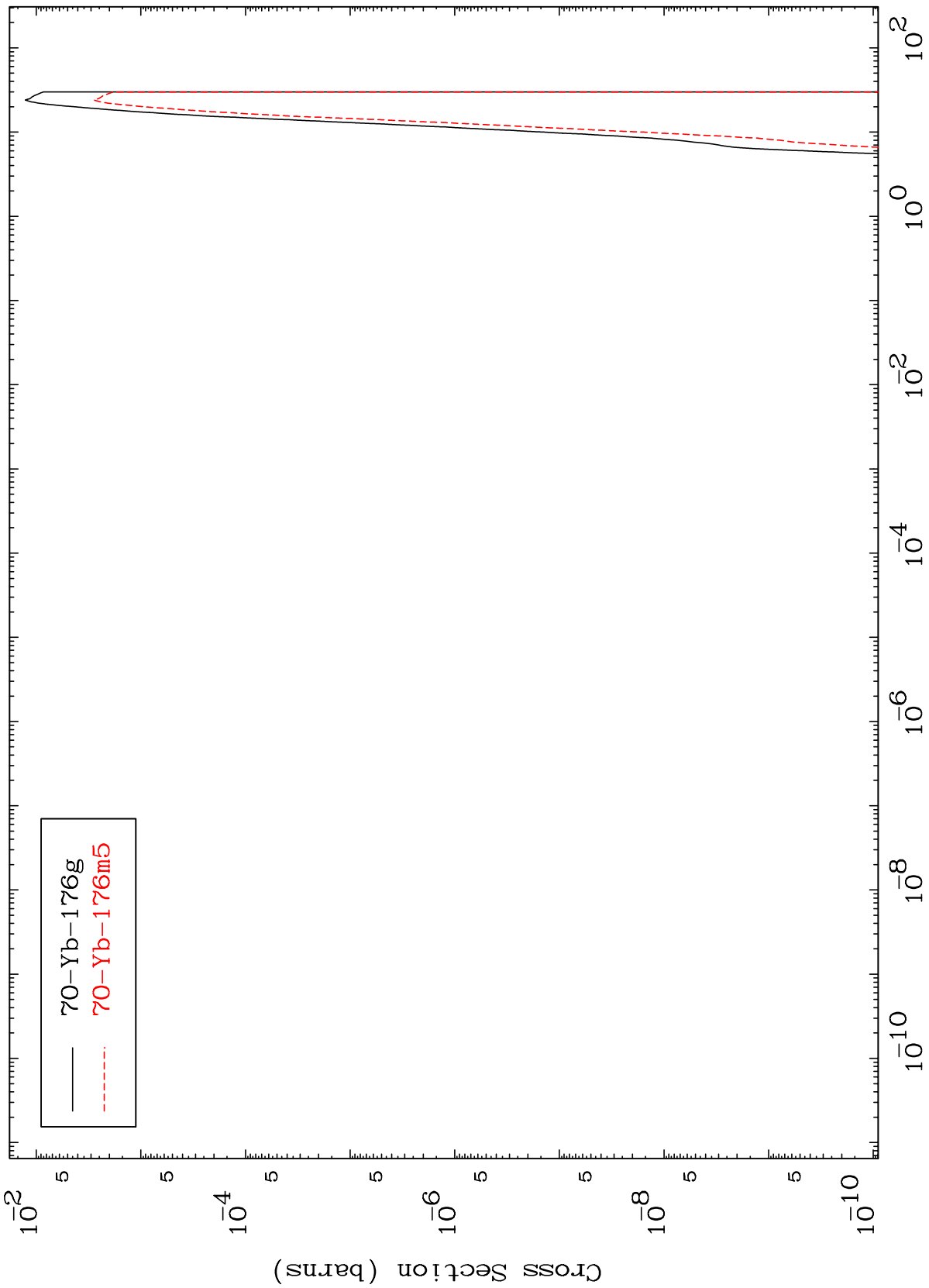


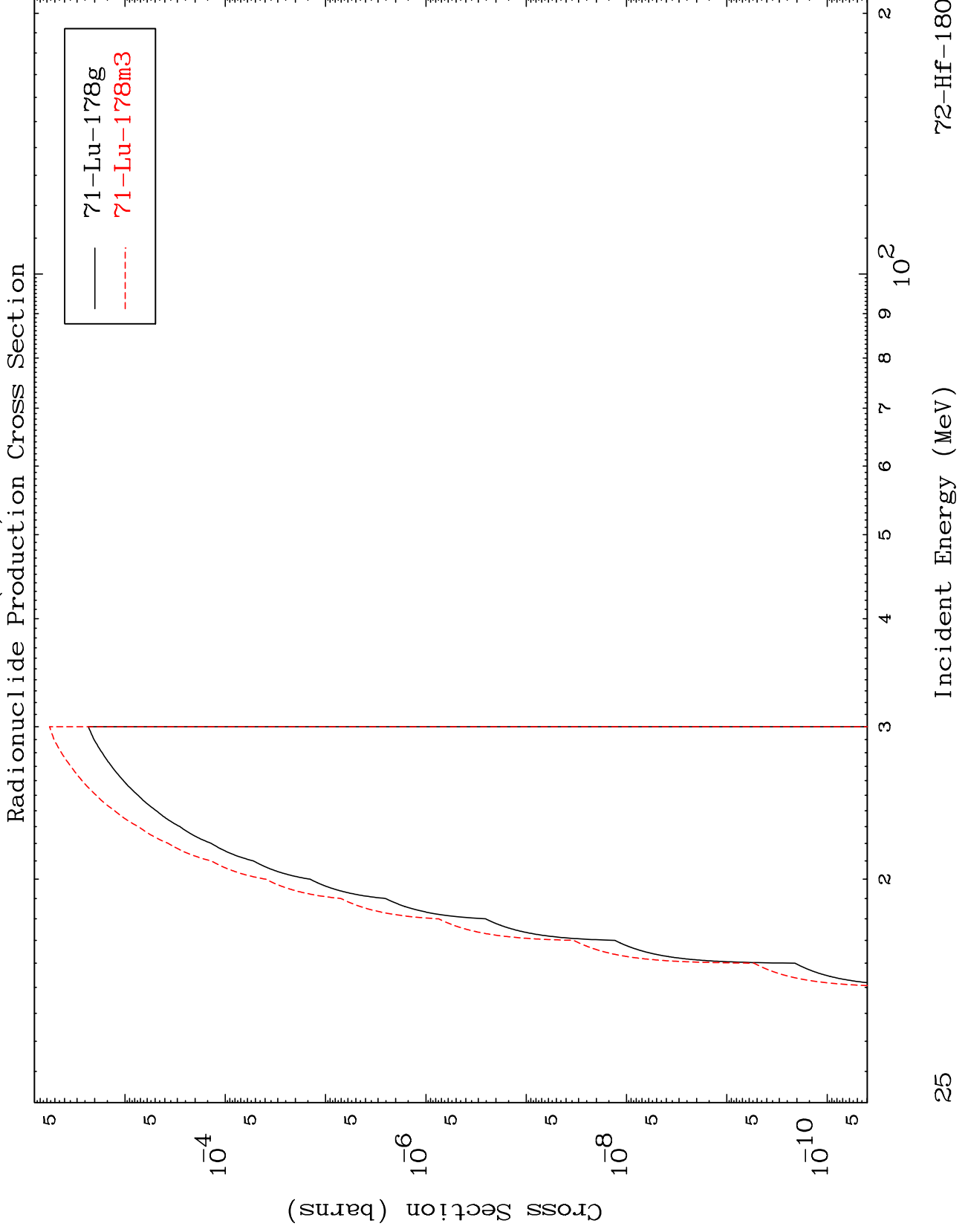
MAT 7244

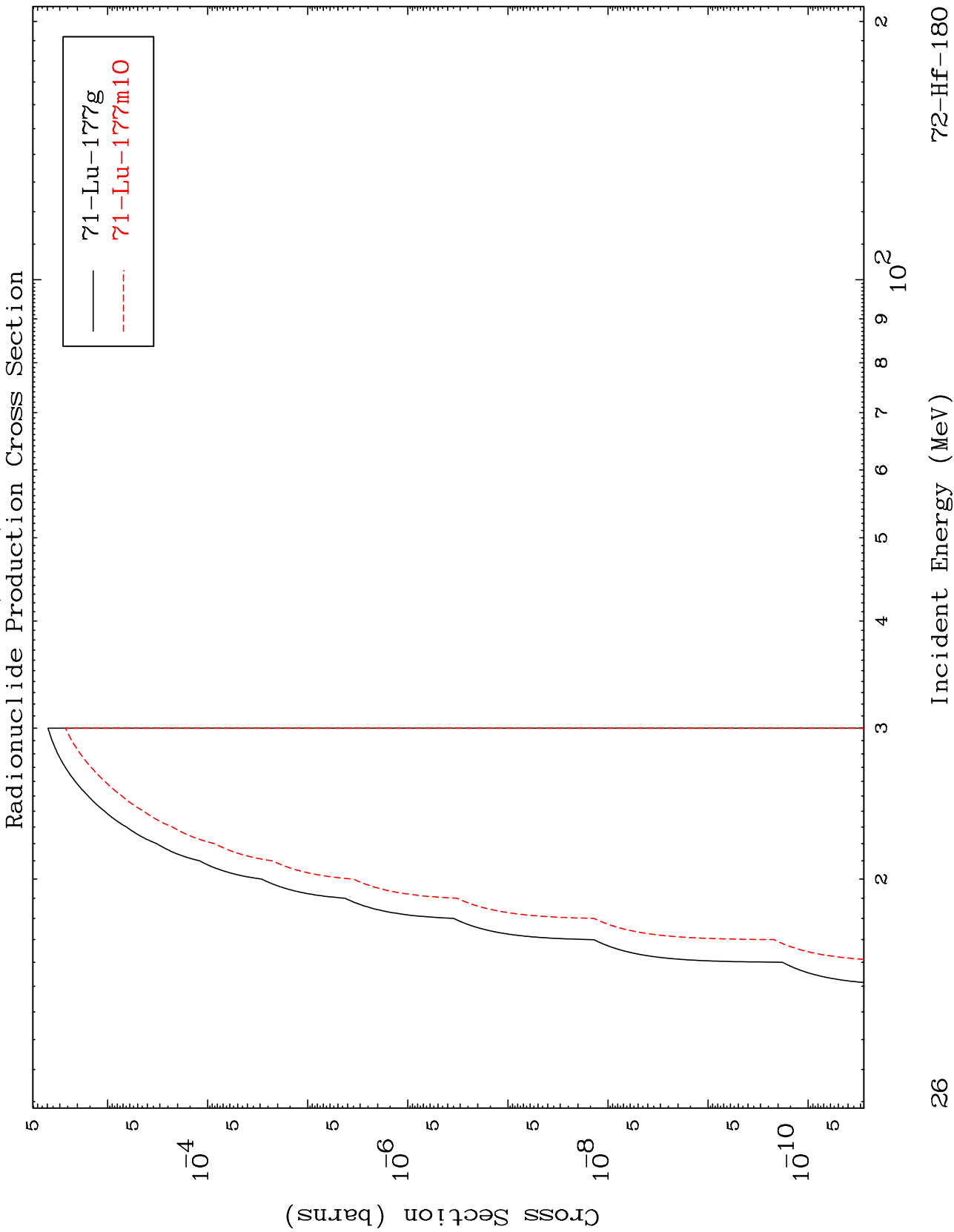
$(n, n') \alpha$

72-Hf-180

Radionuclide Production Cross Section





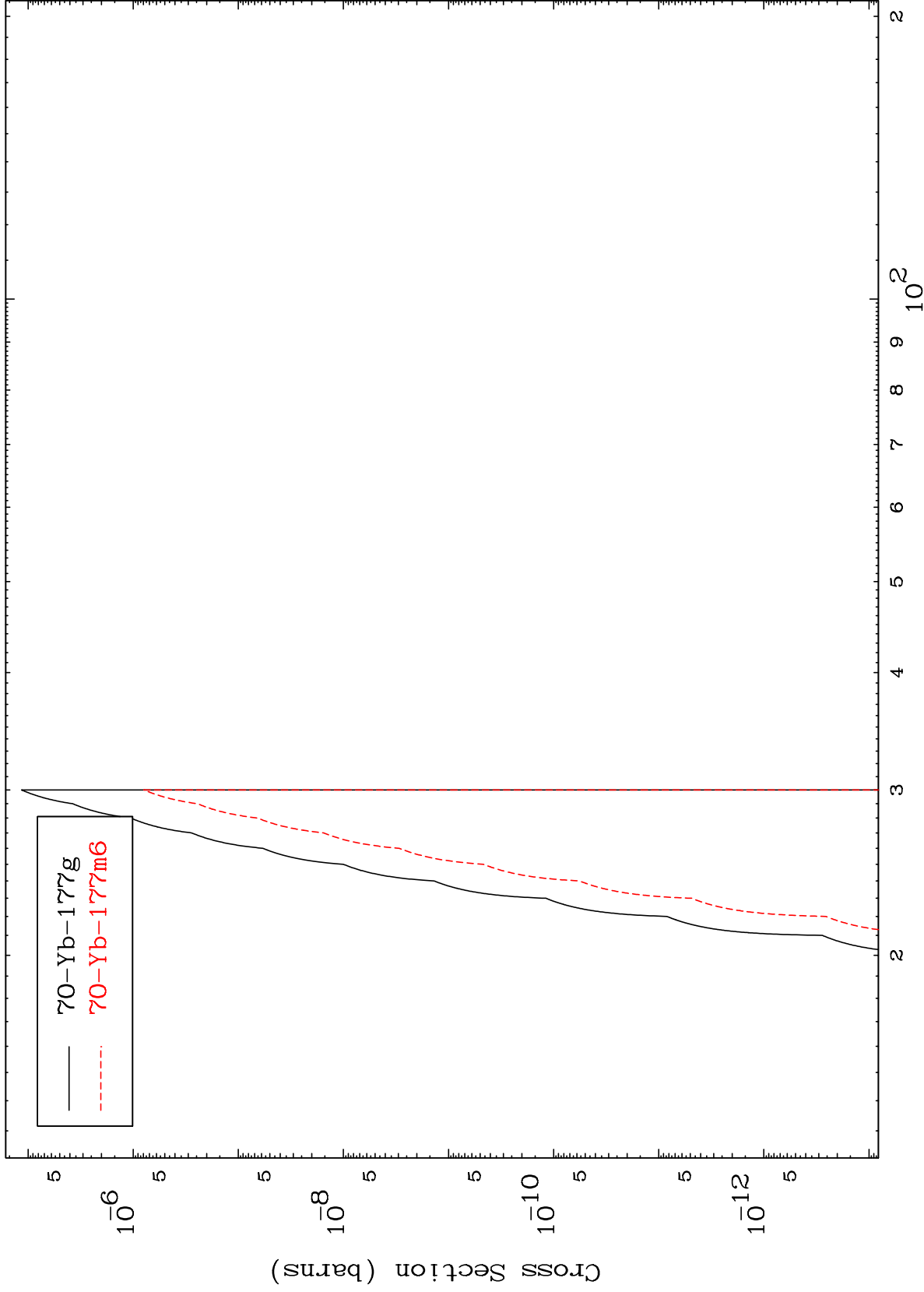


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(n,n') He-3

72-Hf-180

Radionuclide Production Cross Section

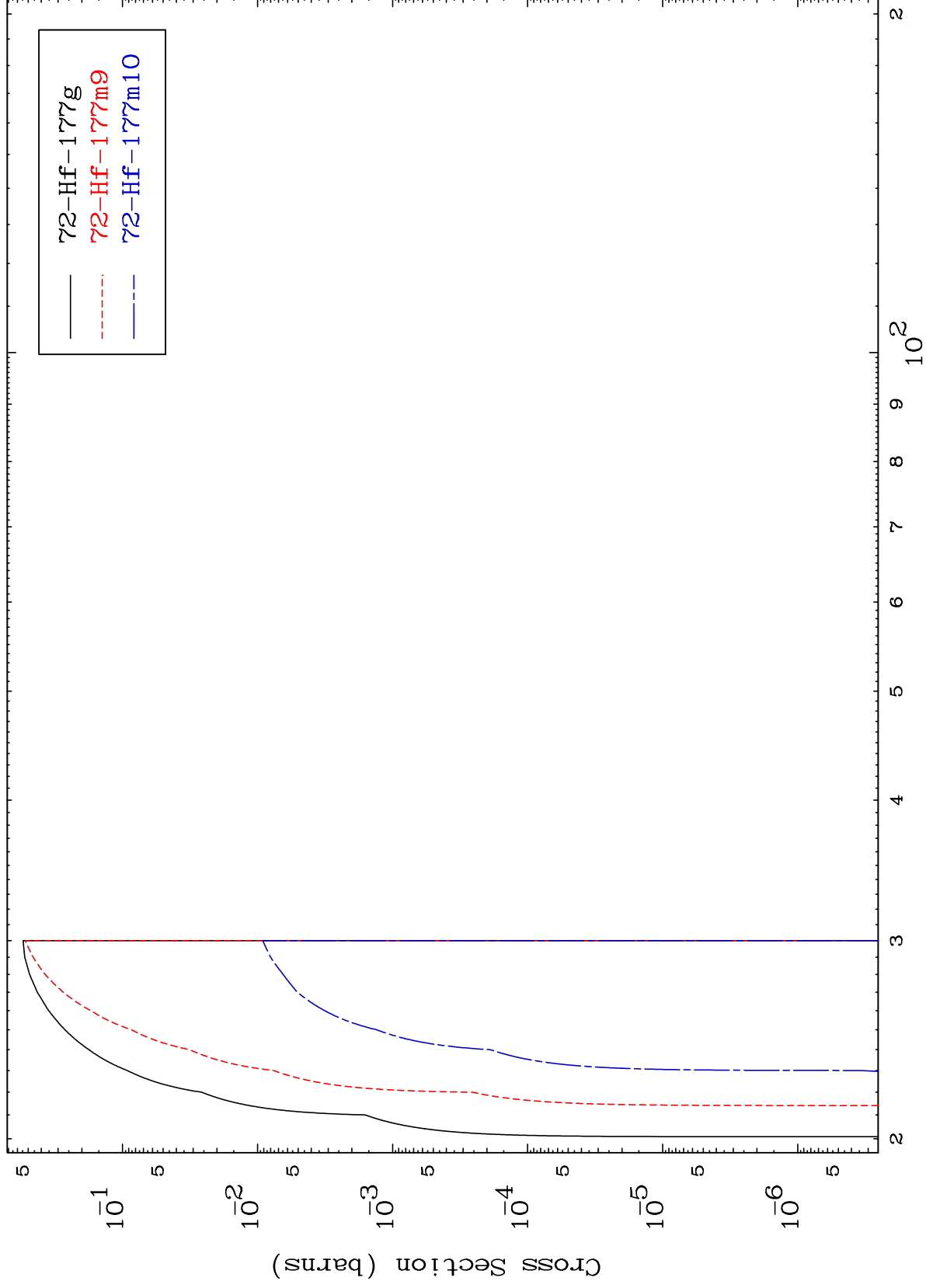


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(n,4n)

72-Hf-180

Radionuclide Production Cross Section

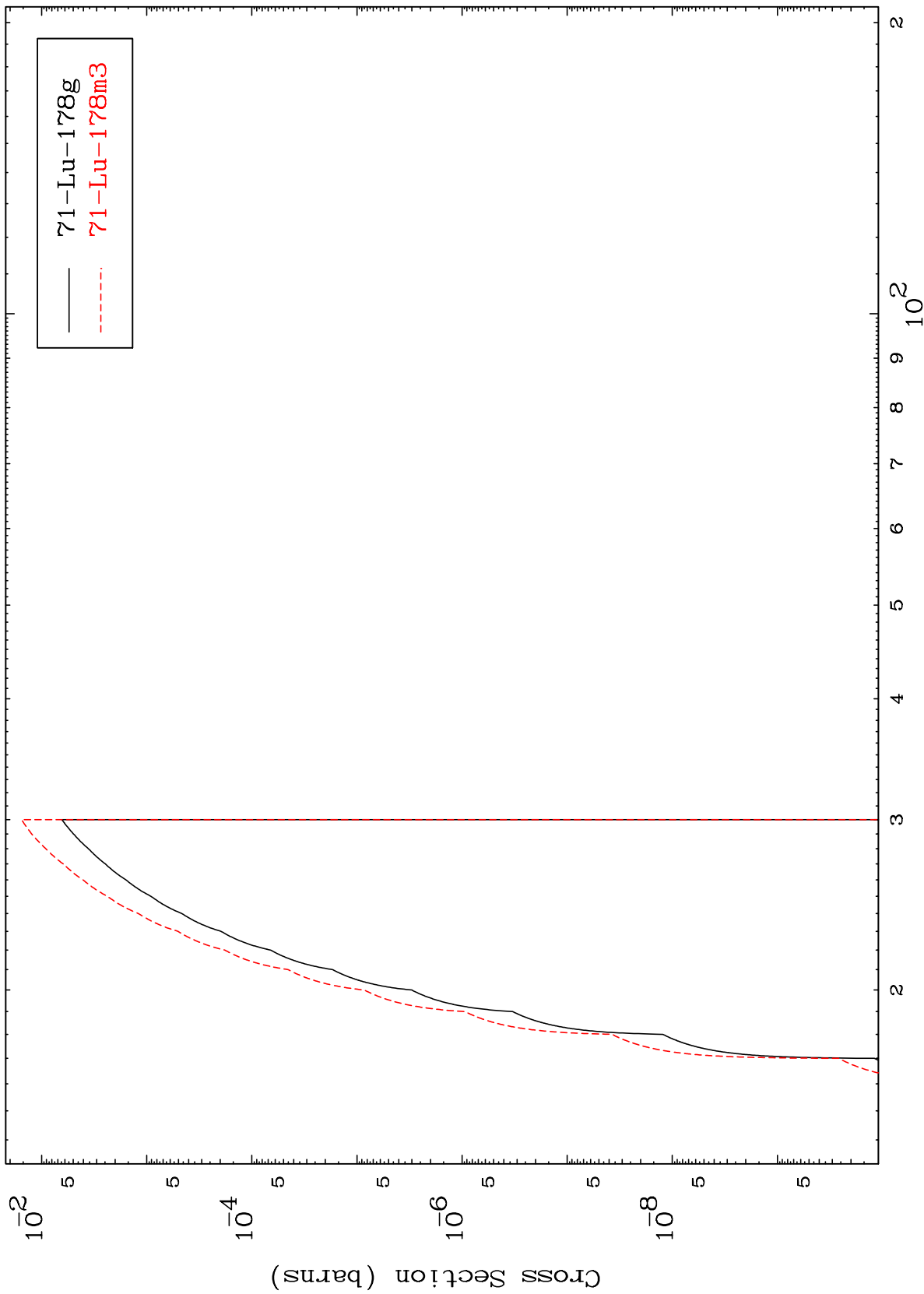


28

Incident Energy (MeV)

72-Hf-180

(n,2n) p
Radionuclide Production Cross Section

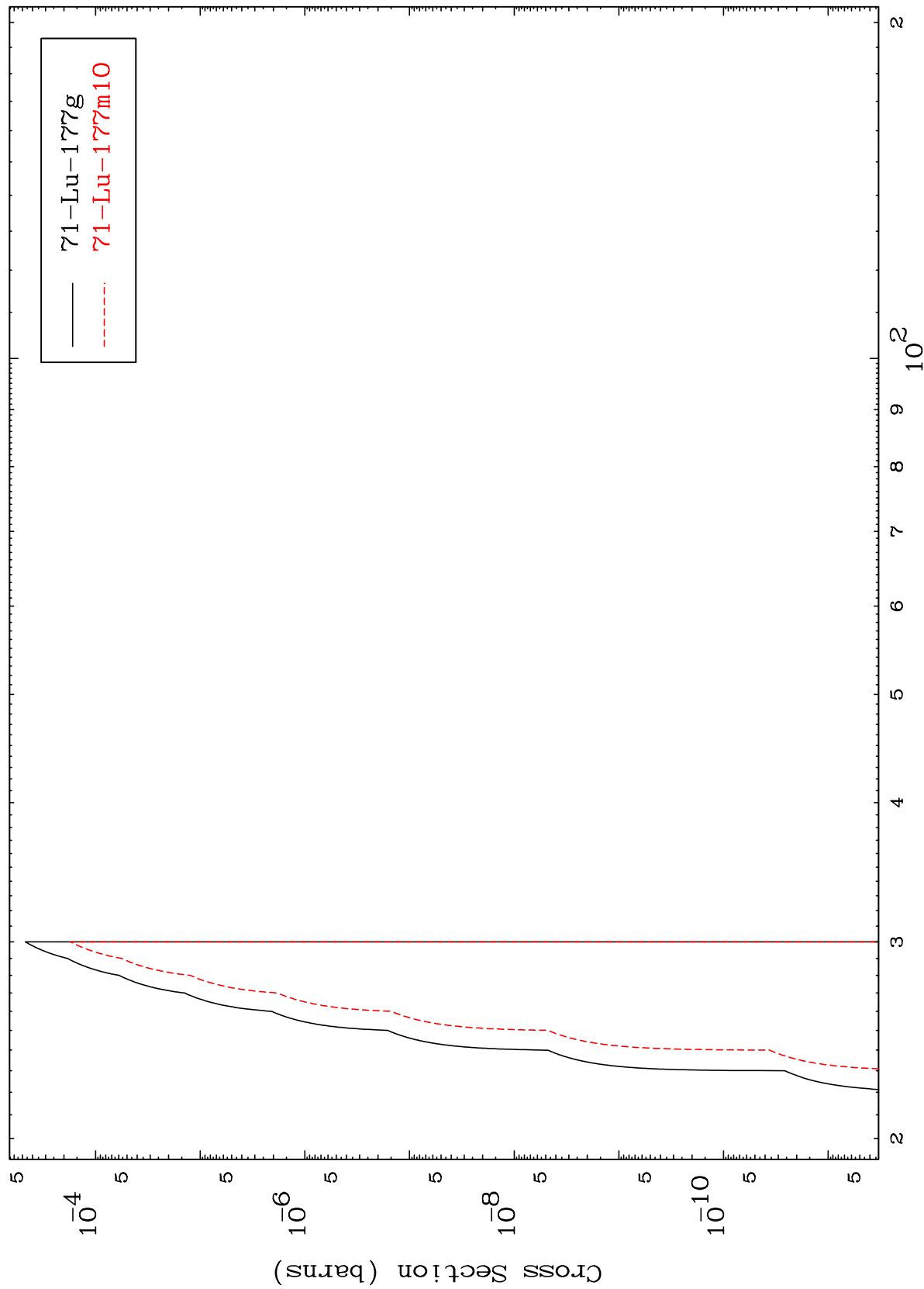


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(n,3n) p

72-Hf-180

Radionuclide Production Cross Section



71-Lu-177g
71-Lu-177m10

30

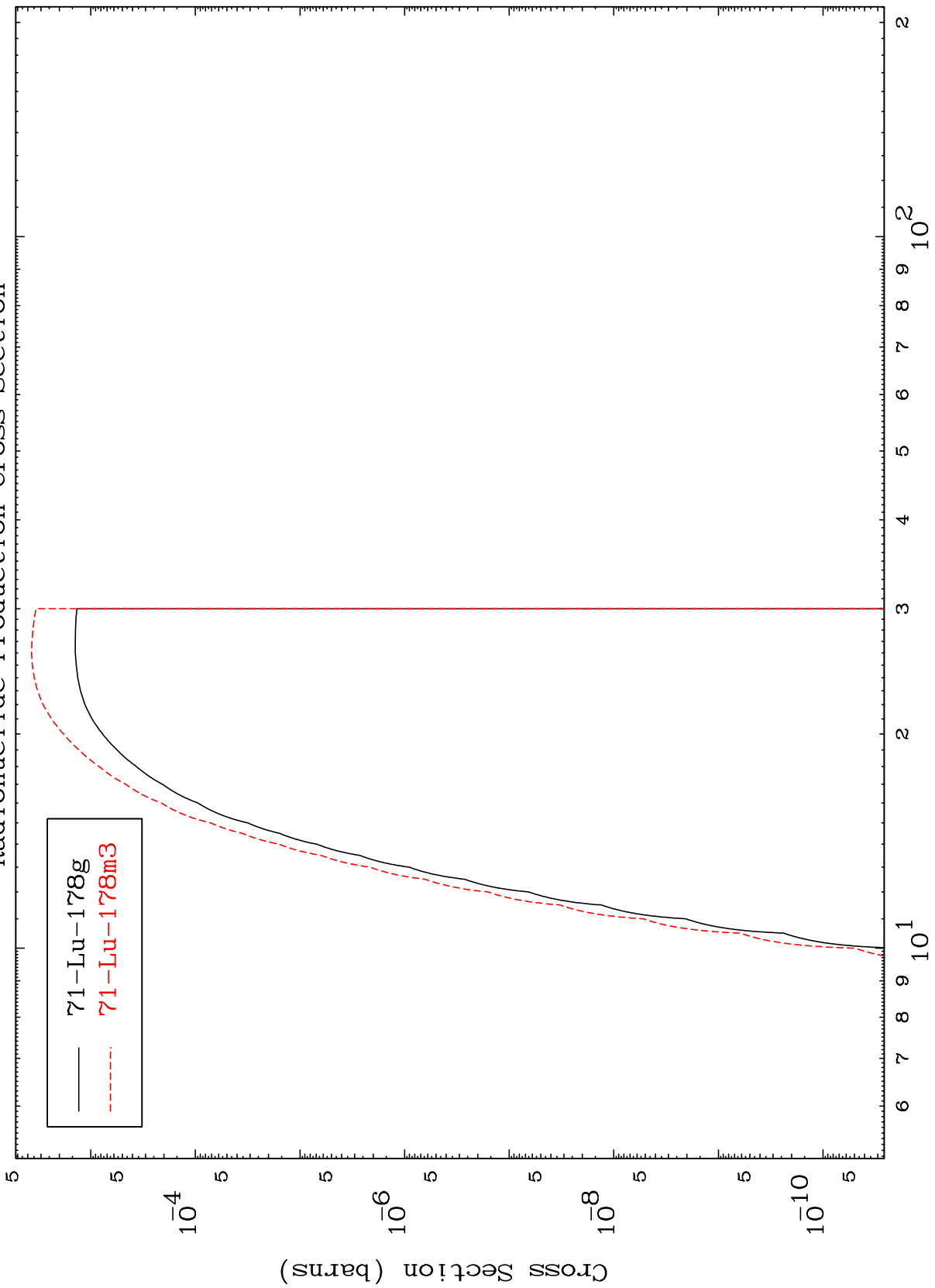
Incident Energy (MeV)

72-Hf-180

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72-Hf-180

(n, t)
Radionuclide Production Cross Section



31

Incident Energy (MeV)

72-Hf-180

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(n, α)

72-Hf-180

Radionuclide Production Cross Section

