

Program EVALPLOT
(Version 2018-1)

by

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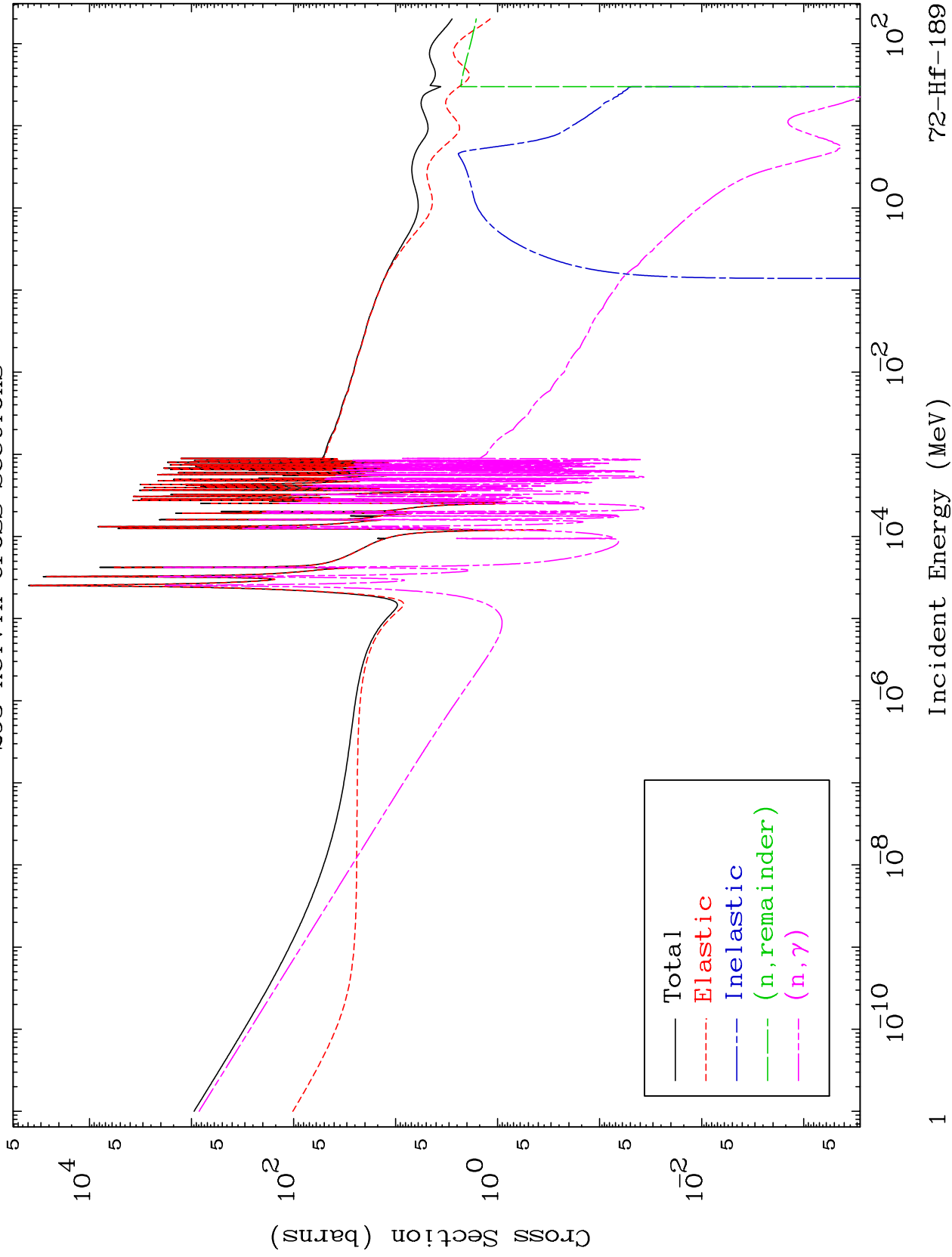
Press Mouse Button to Start

MAT 7270

Major

293 Kelvin Cross Sections

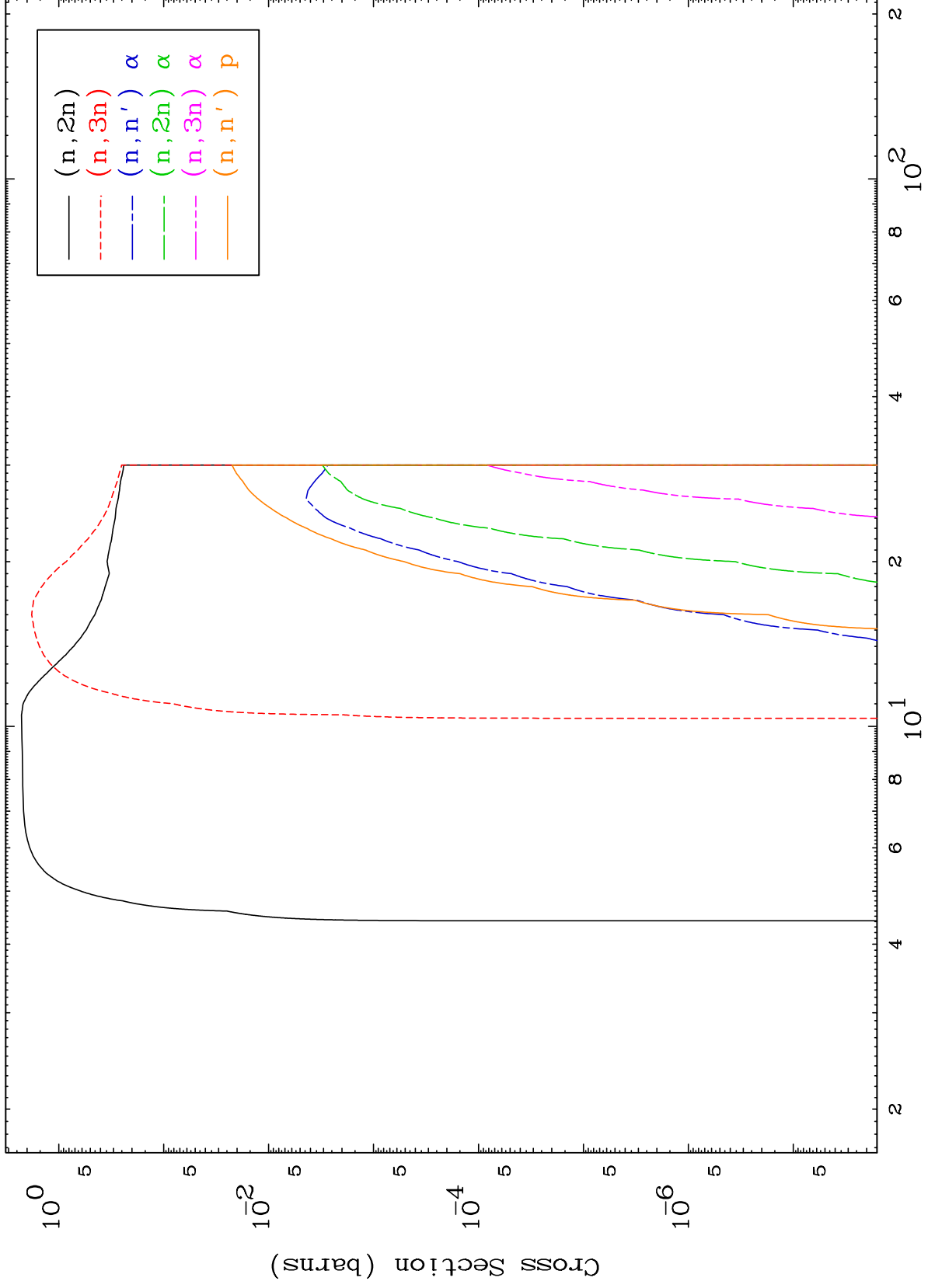
72-Hf-189



MAT 7270

Neutron Production
293 Kelvin Cross Sections

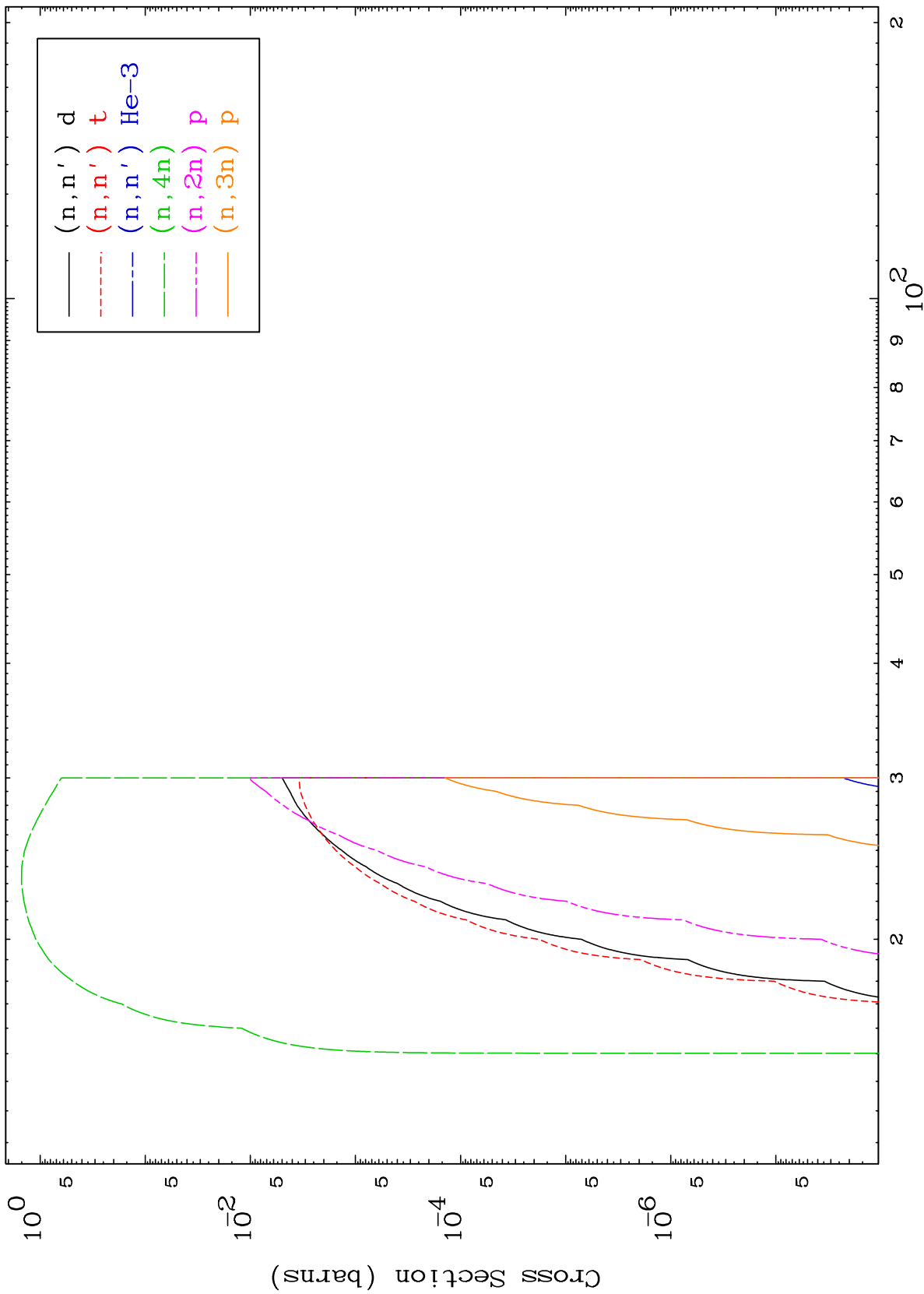
72-Hf-189



2

Incident Energy (MeV)

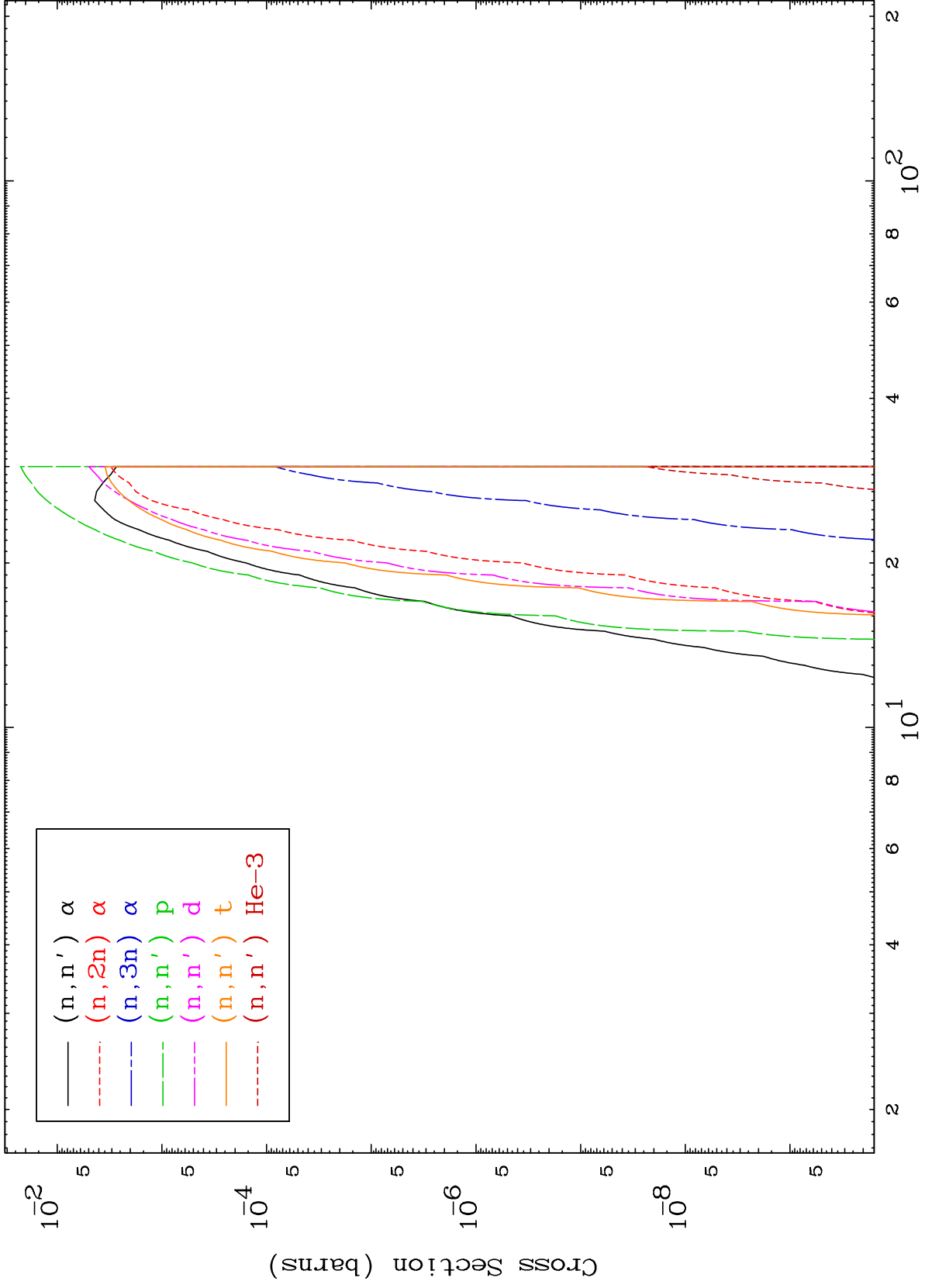
72-Hf-189



MAT 7270

Charged Particle
293 Kelvin Cross Sections

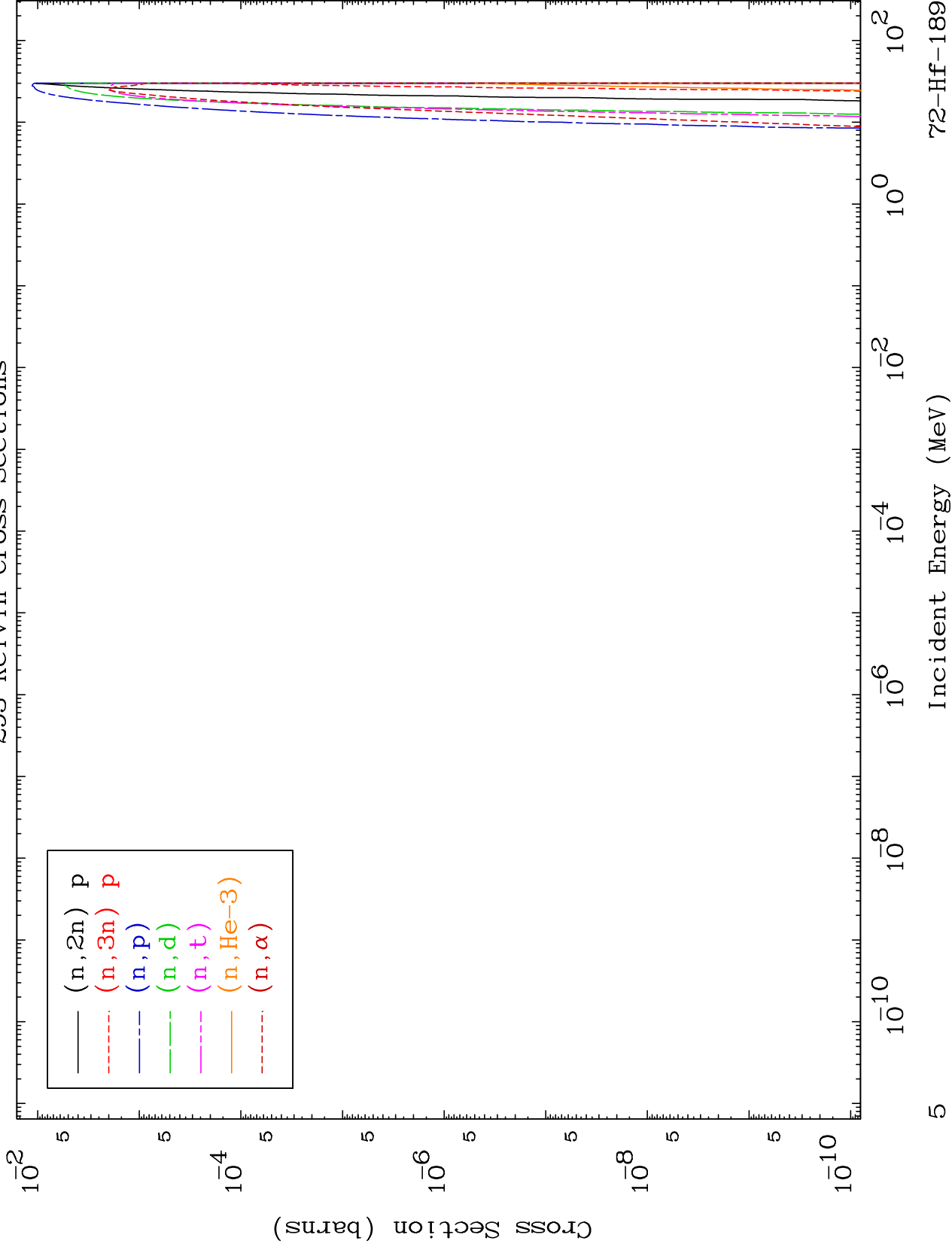
72-Hf-189



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Charged Particle
293 Kelvin Cross Sections

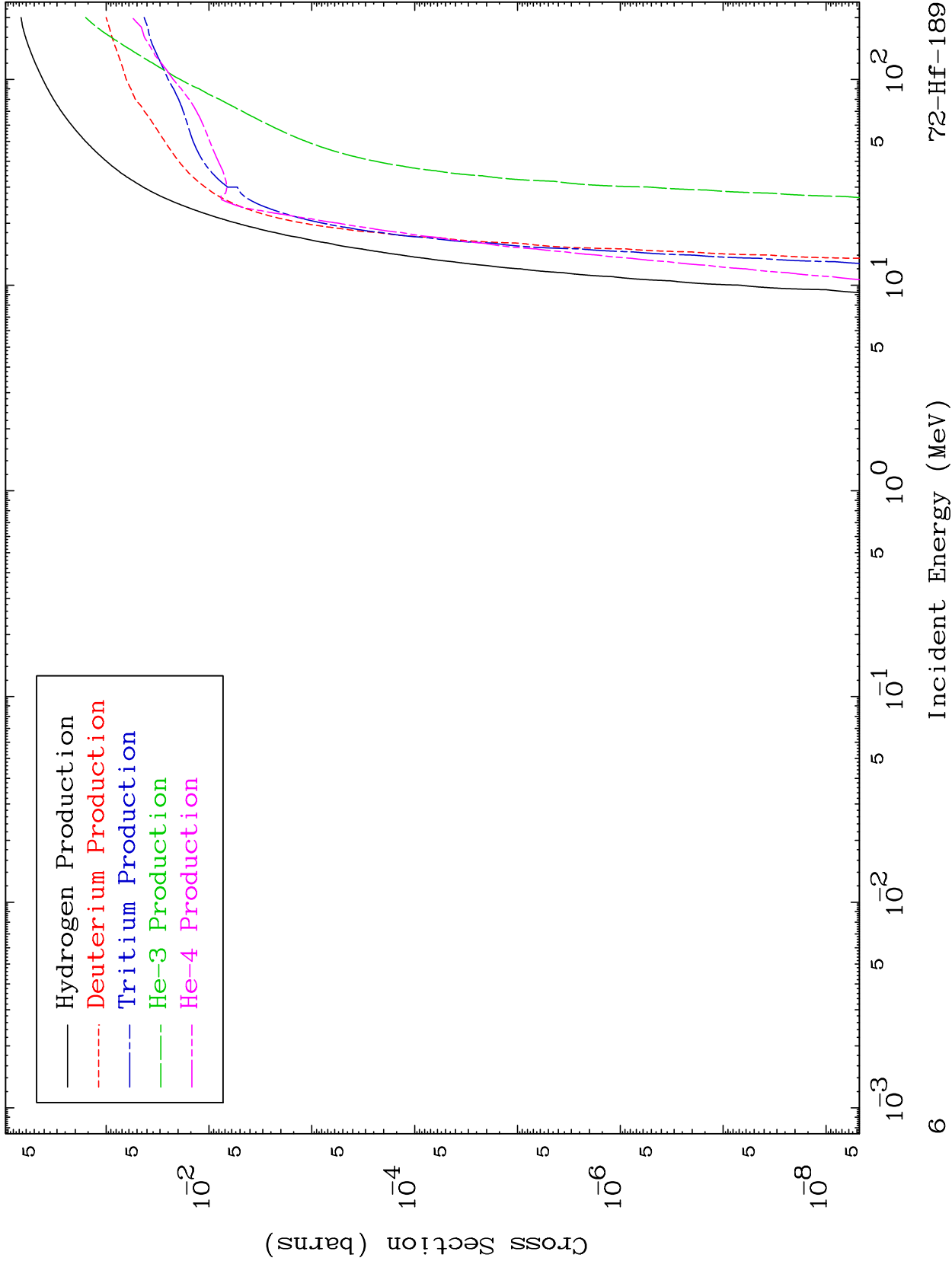
72-Hf-189



MAT 7270

Particle Production
293 Kelvin Cross Sections

72-Hf-189



72-Hf-189

Incident Energy (MeV)

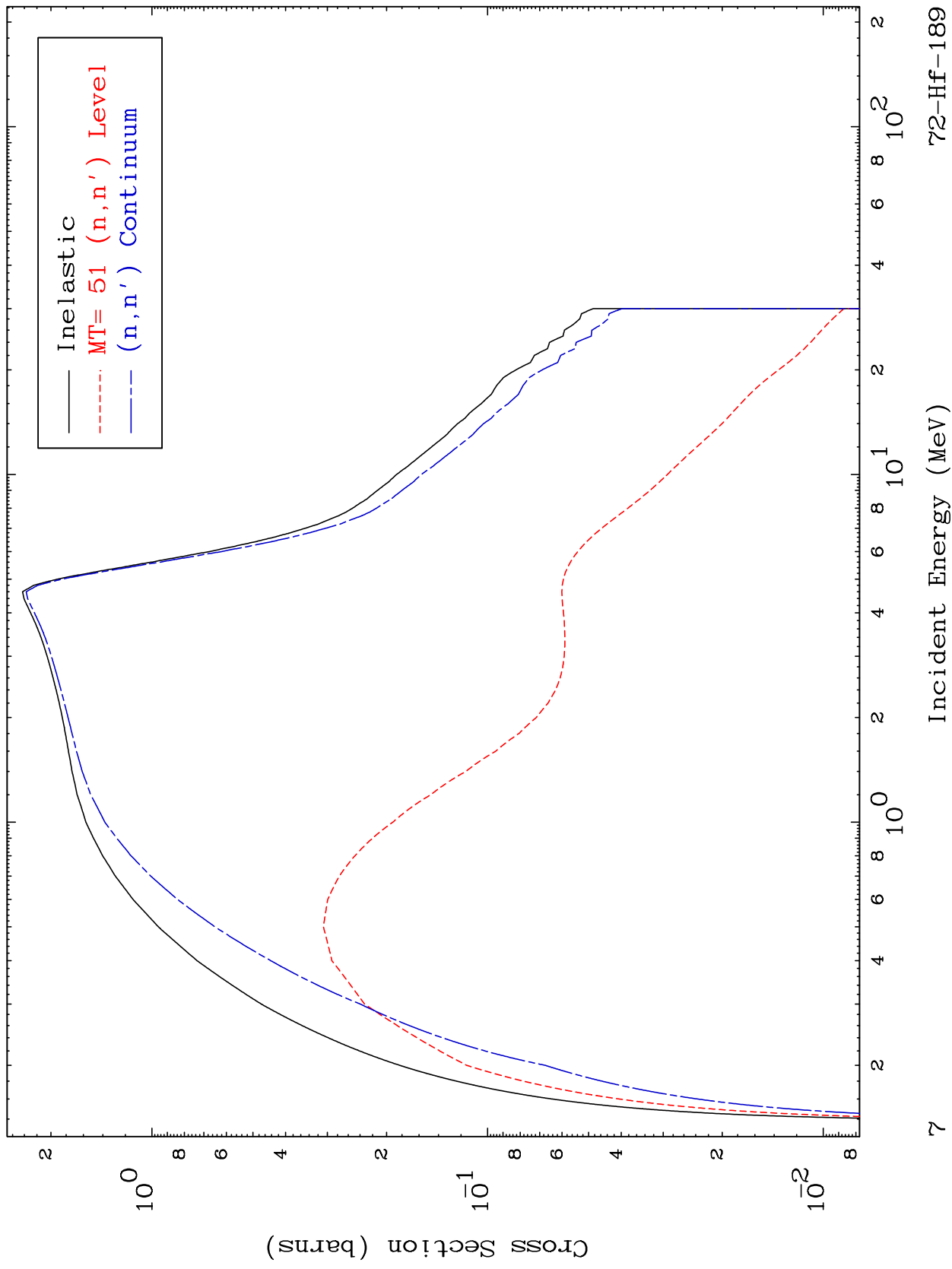
6

MAT 7270

(n,n') Level

72-Hf-189

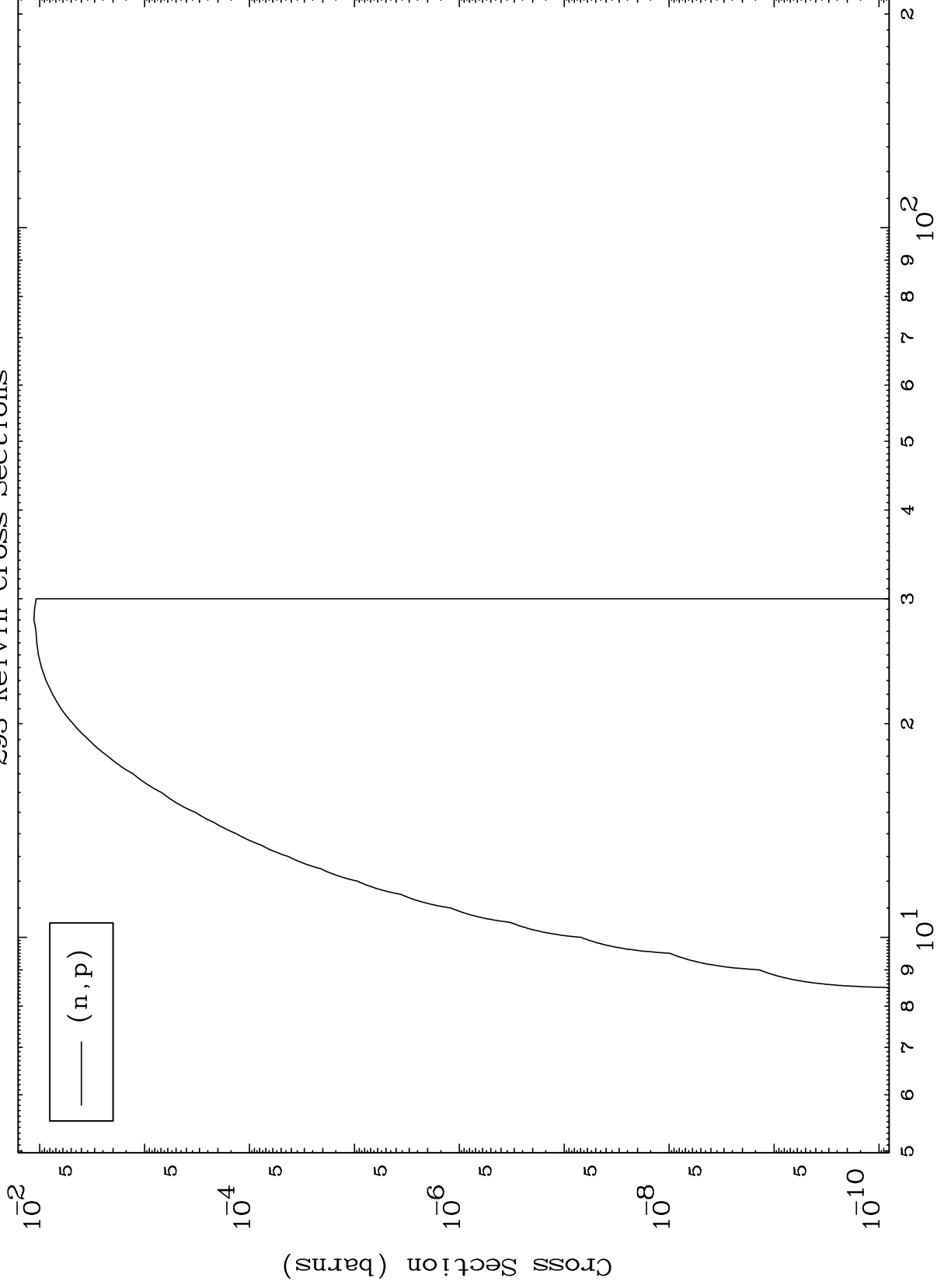
293 Kelvin Cross Sections



MAT 7270

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-189



8

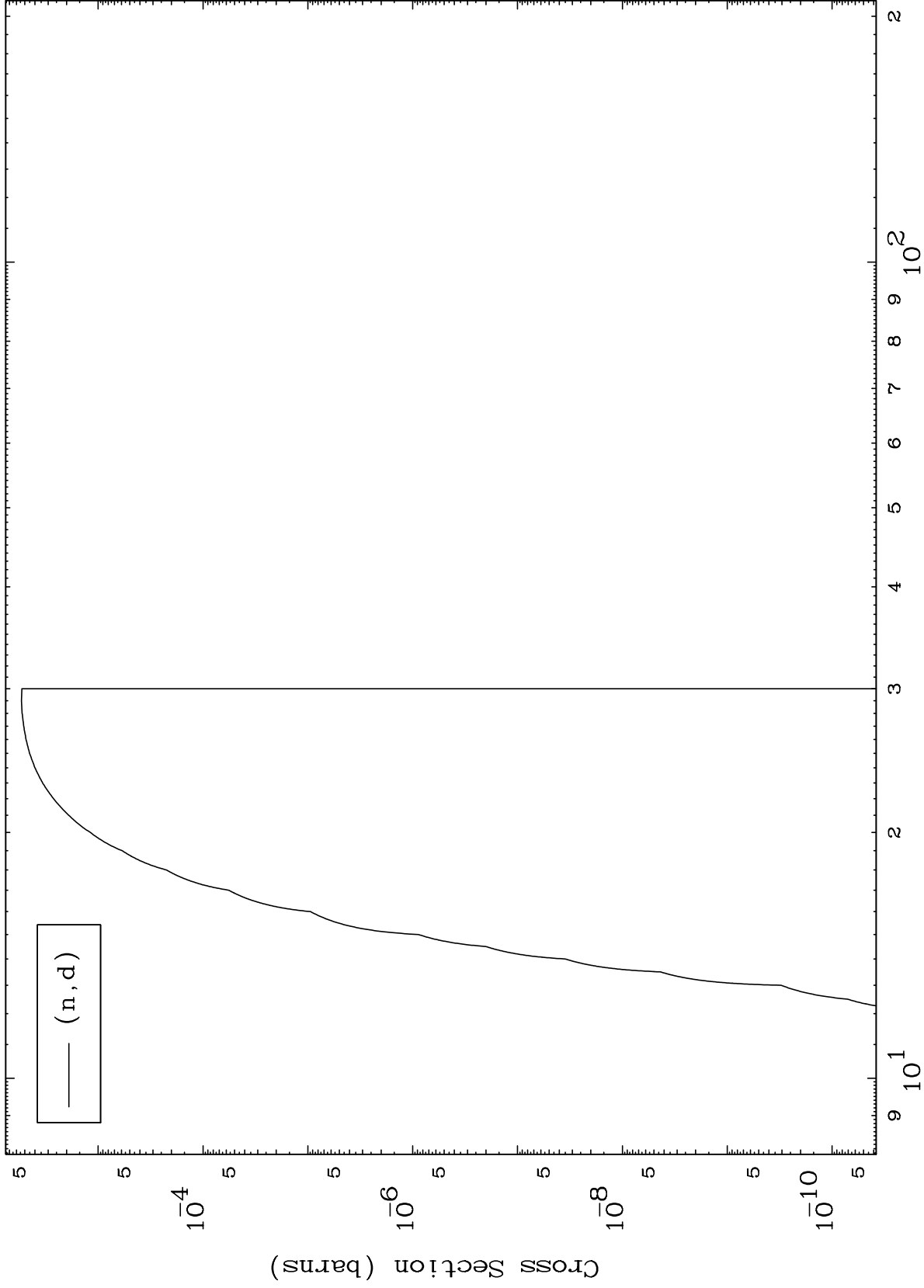
Incident Energy (MeV)

72-Hf-189

MAT 7270

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-189



9

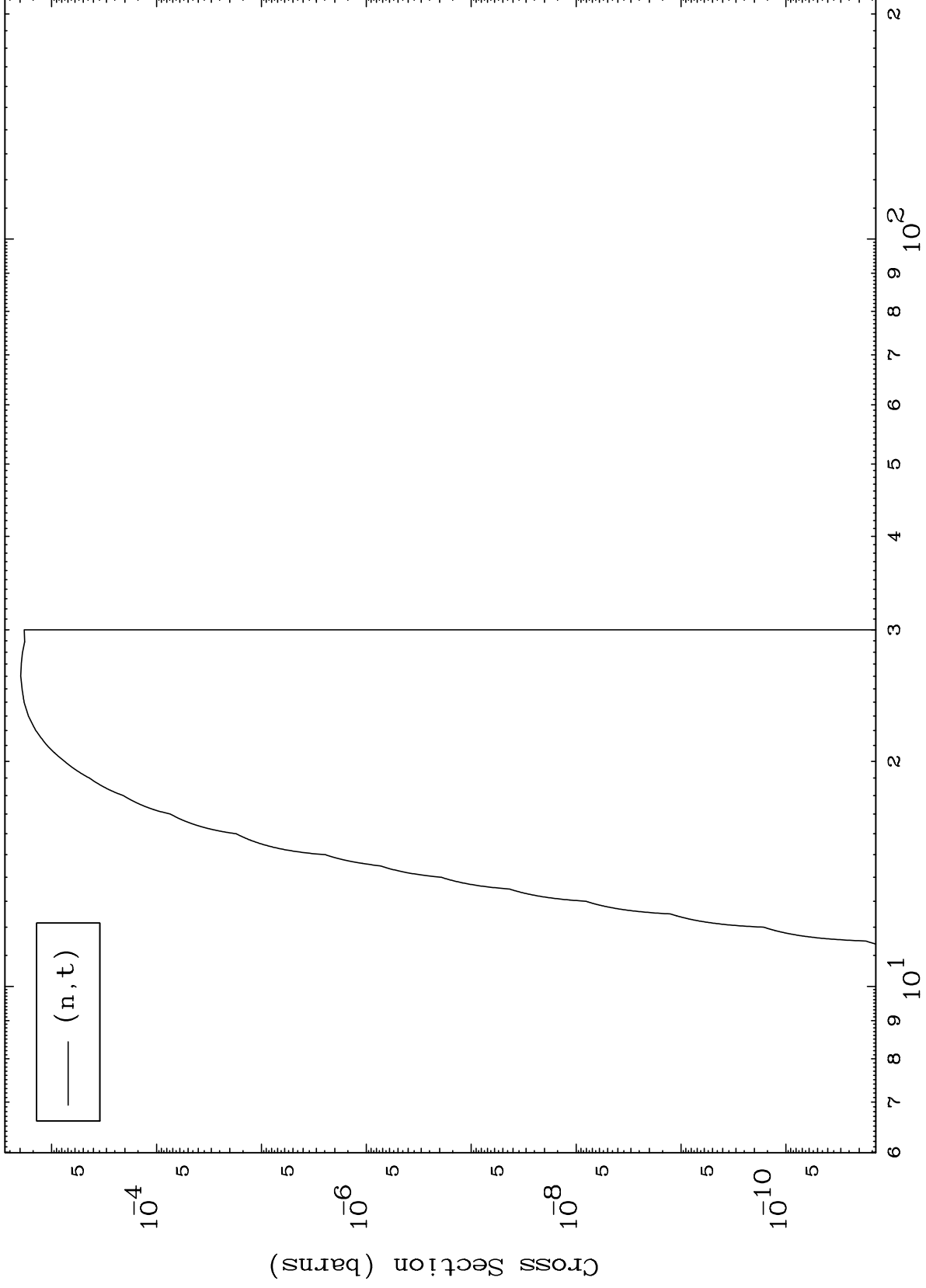
Incident Energy (MeV)

72-Hf-189

MAT 7270

(n,t) Levels
293 Kelvin Cross Sections

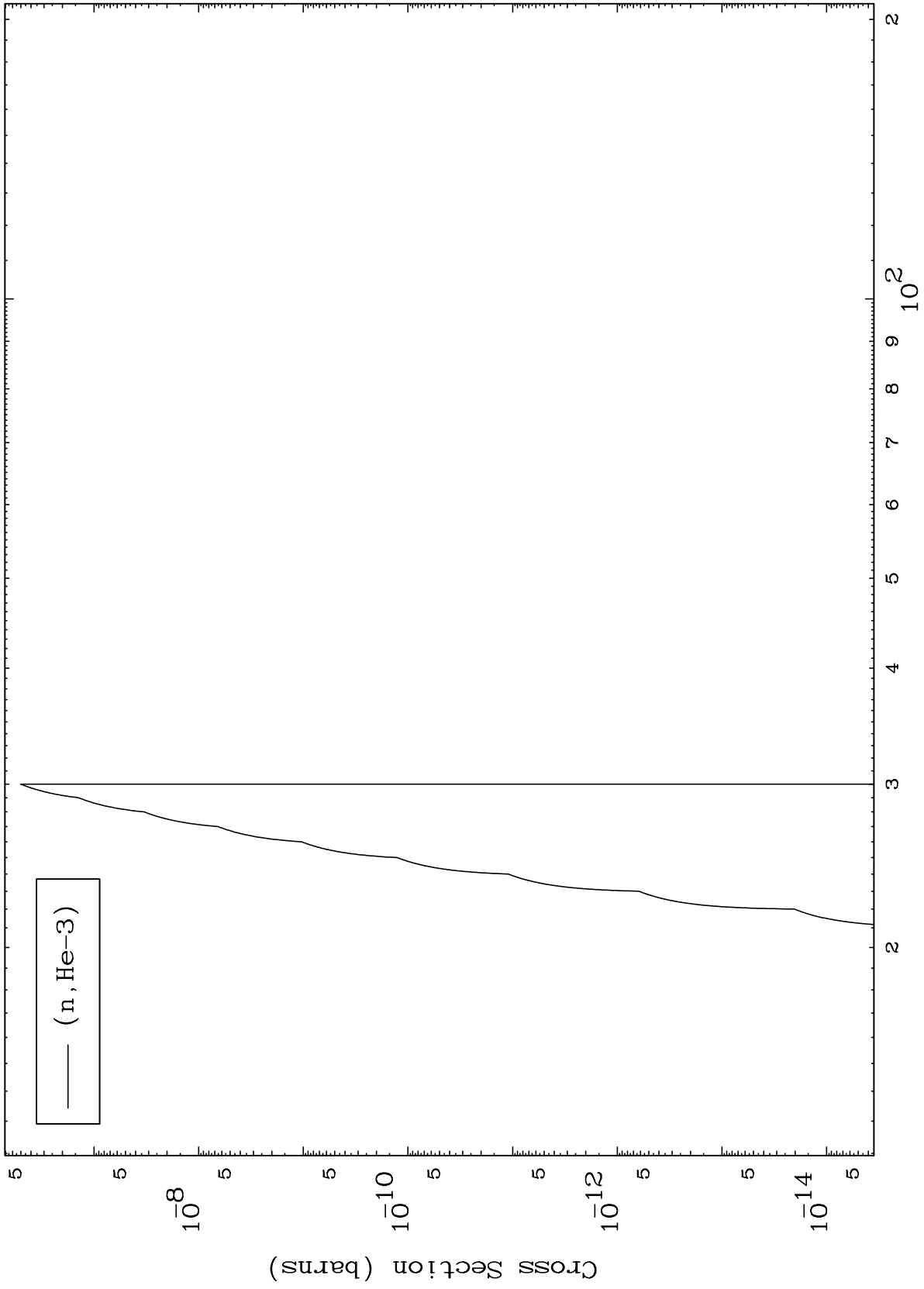
72-Hf-189



10

Incident Energy (MeV)

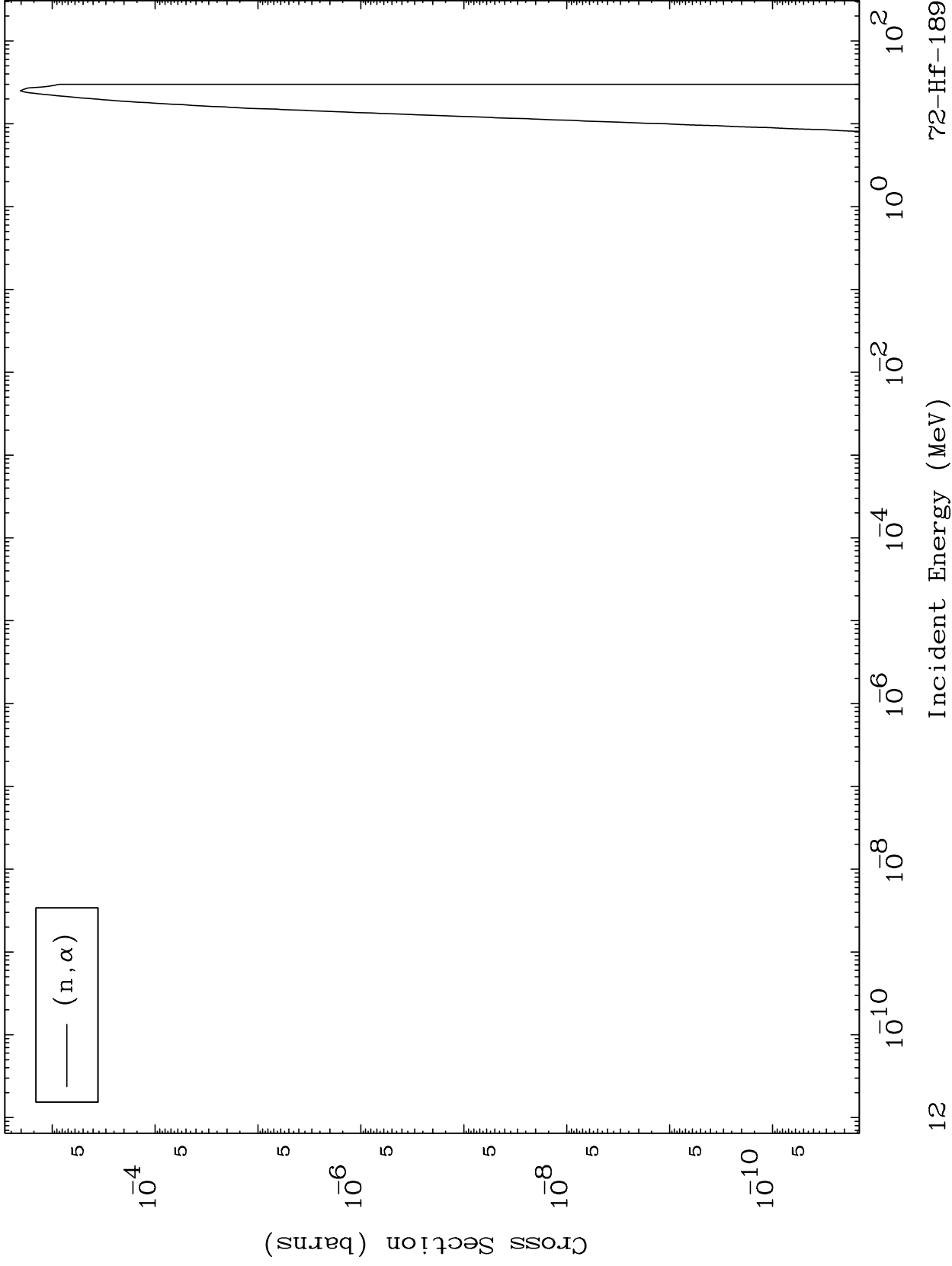
72-Hf-189



MAT 7270

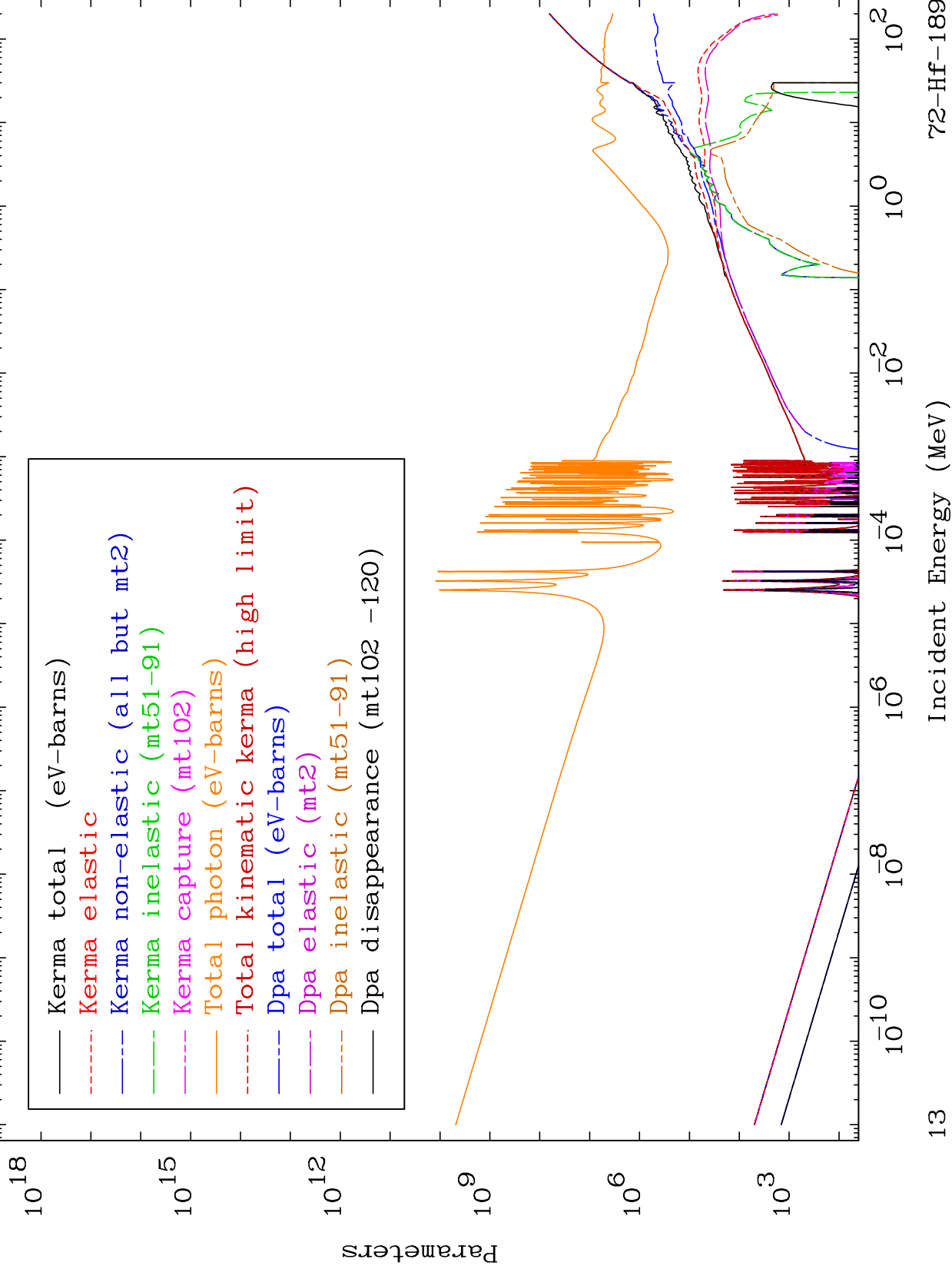
(n, α) Levels
293 Kelvin Cross Sections

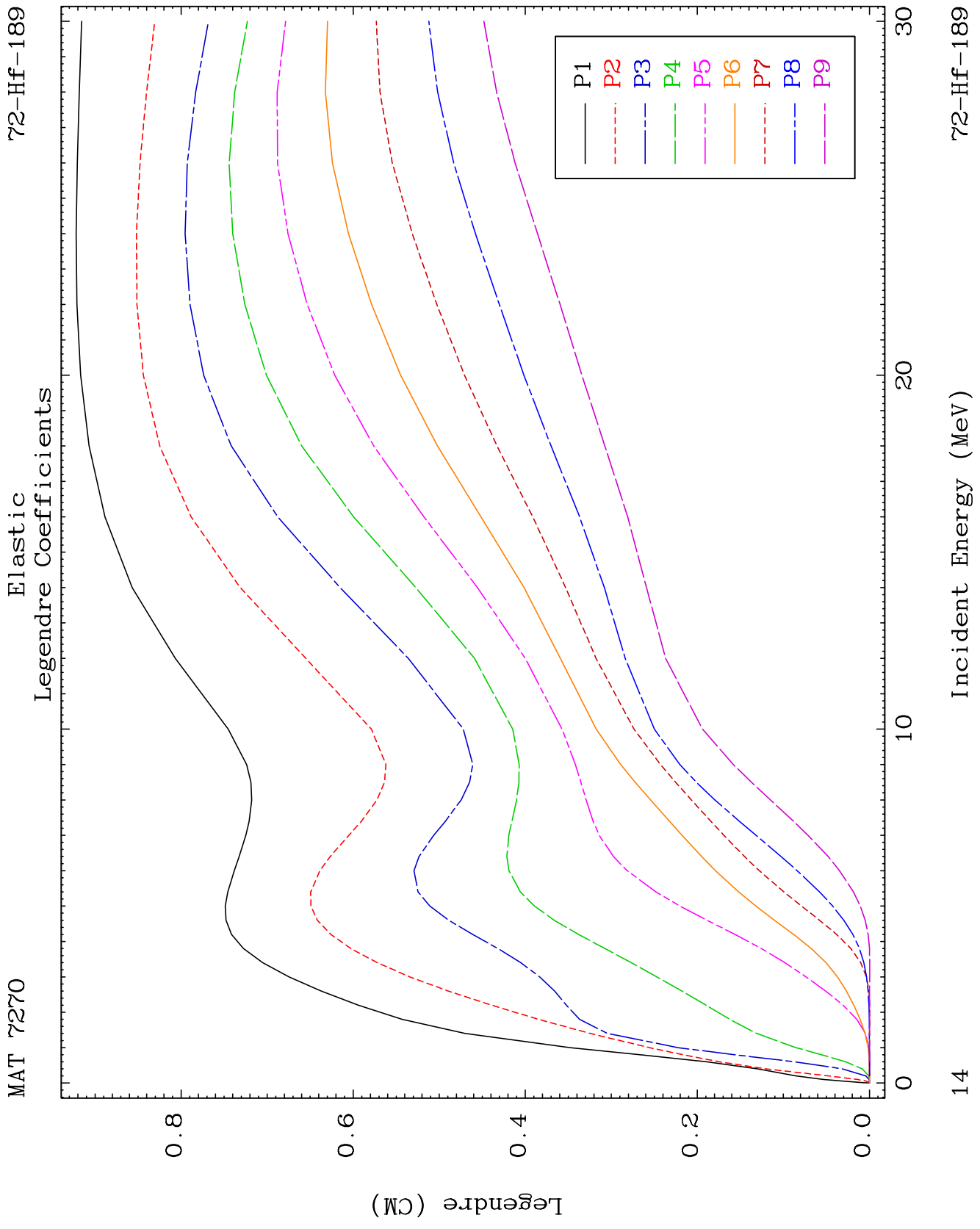
72-Hf-189



12

72-Hf-189

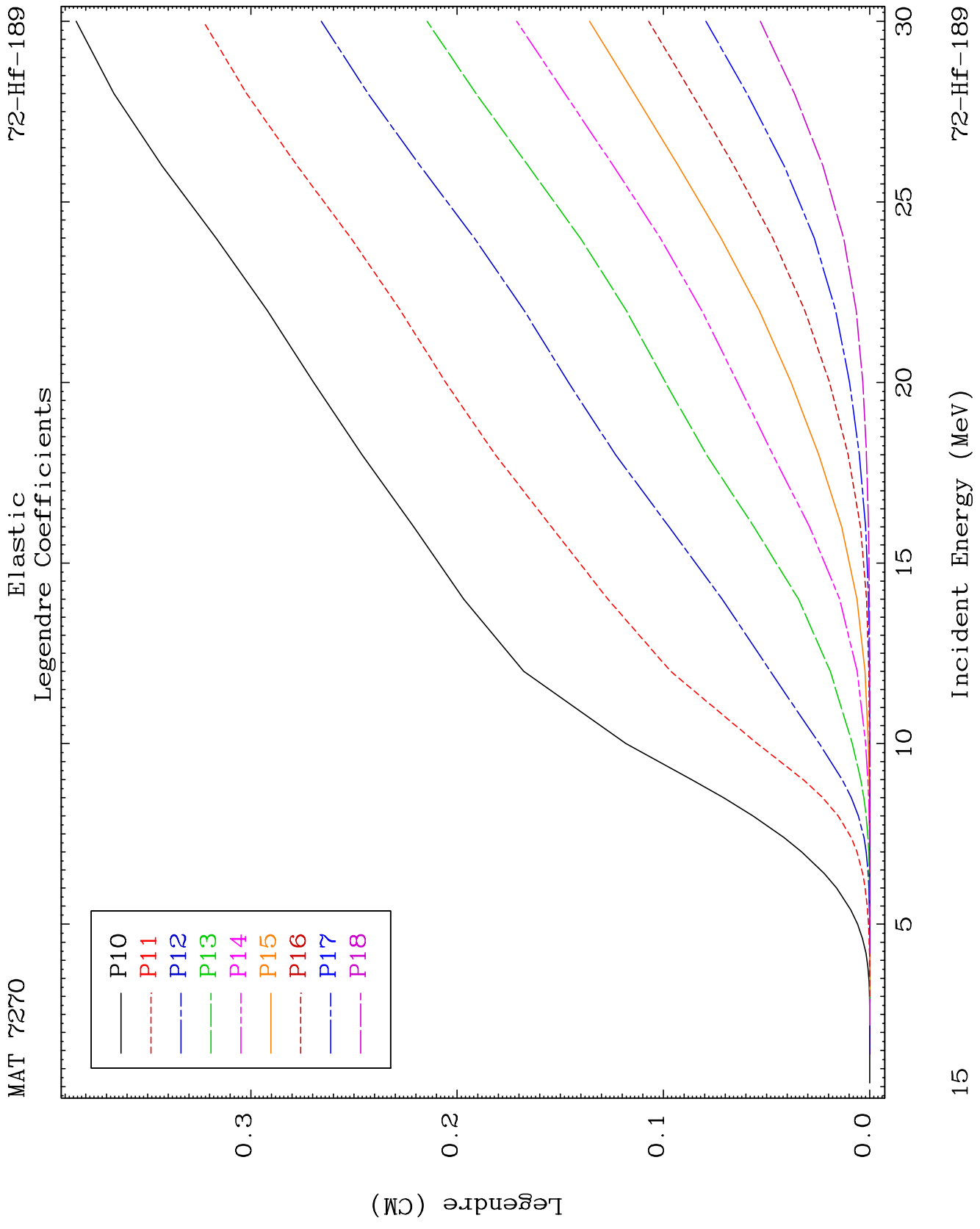




72-Hf-189

Incident Energy (MeV)

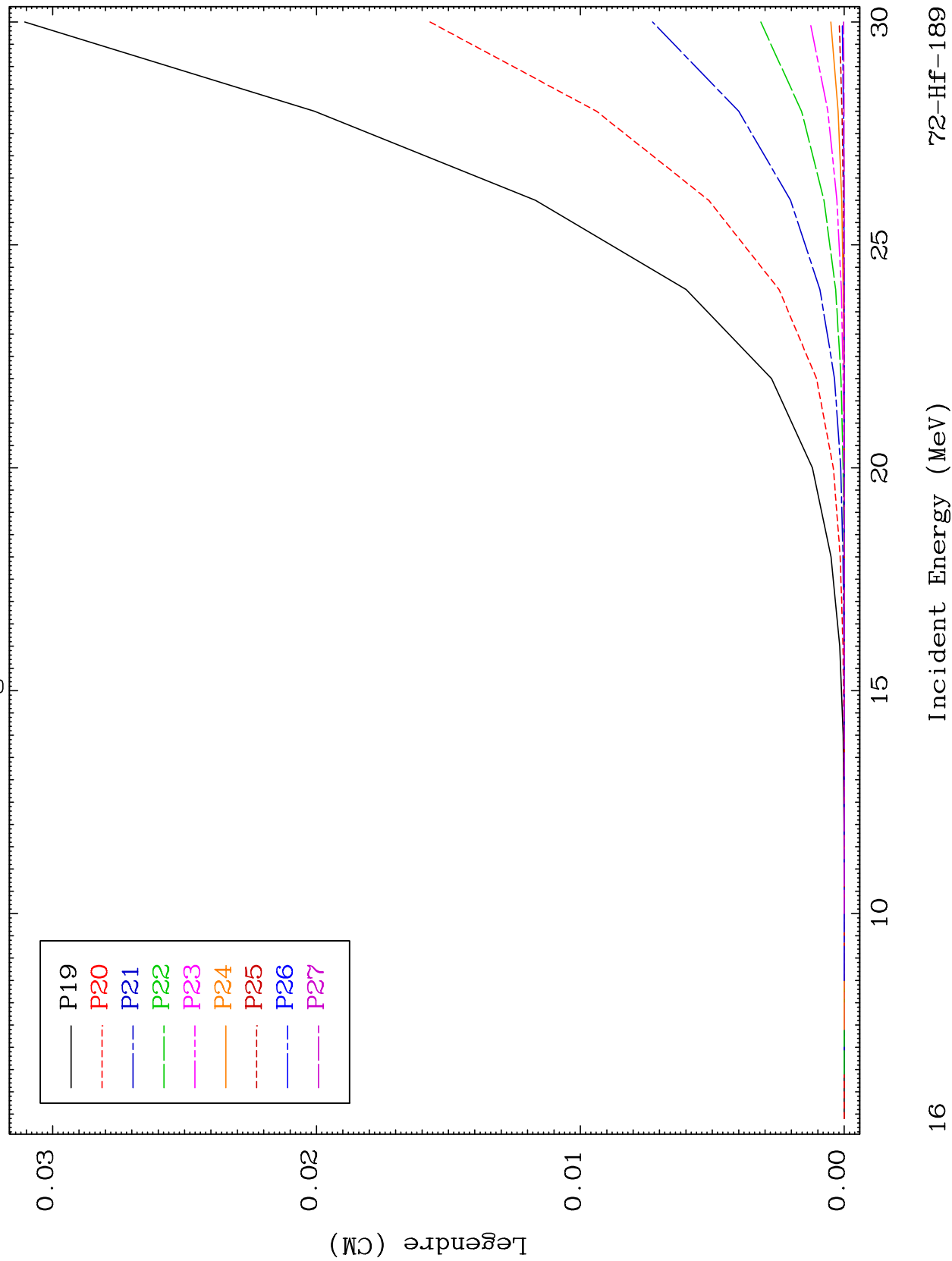
14



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Elastic Legendre Coefficients

72-Hf-189



16

Incident Energy (MeV)

72-Hf-189

30

20

25

0.03

0.02

0.01

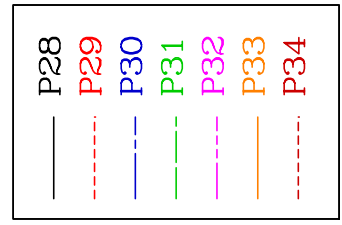
0.00

Legendre (CM)

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Elastic Legendre Coefficients

72-Hf-189

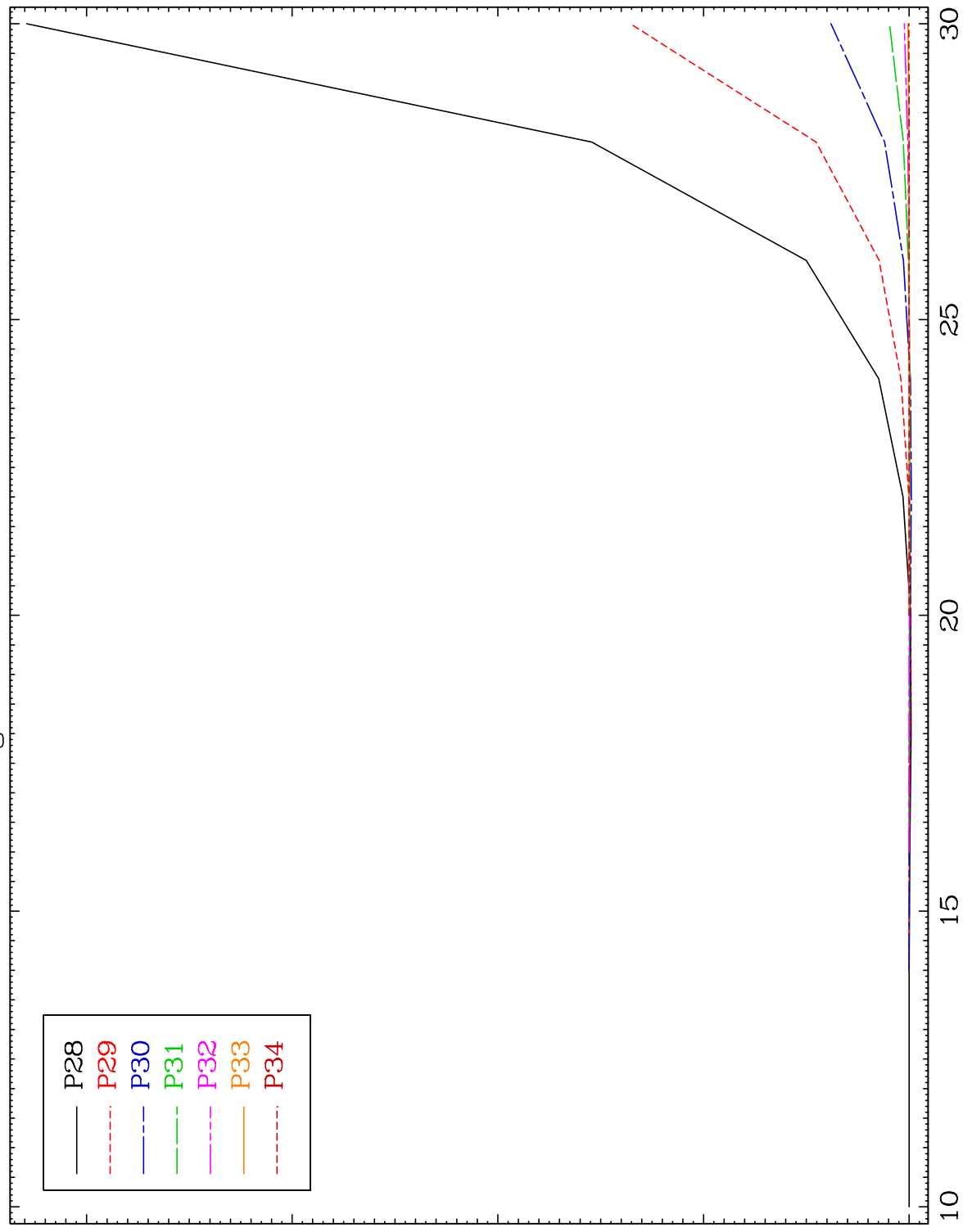


$\times 10^{-6}$

Legendre (CM)

Incident Energy (MeV)

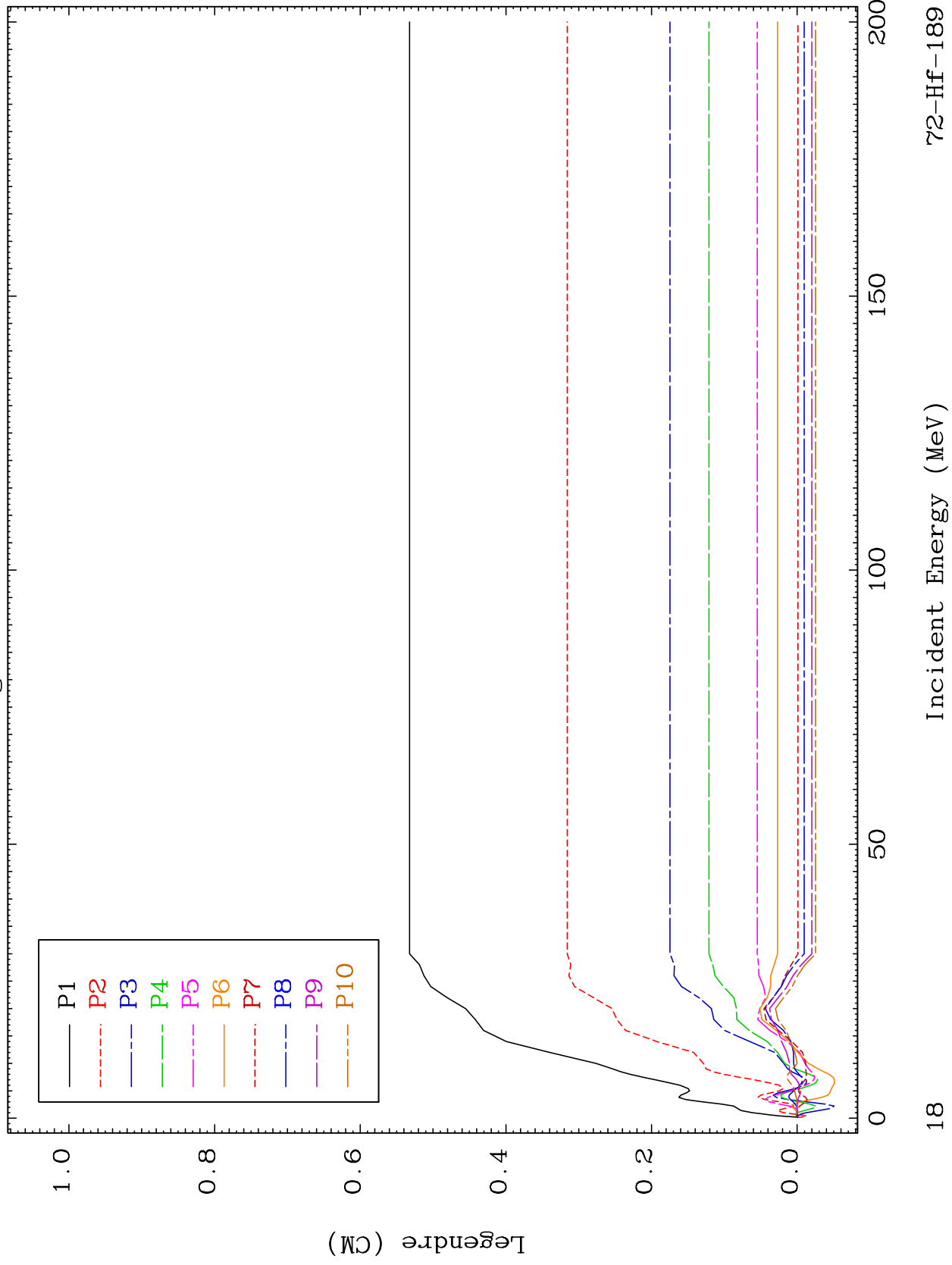
72-Hf-189



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MT= 51 (n,n') Level
Legendre Coefficients

72-Hf-189

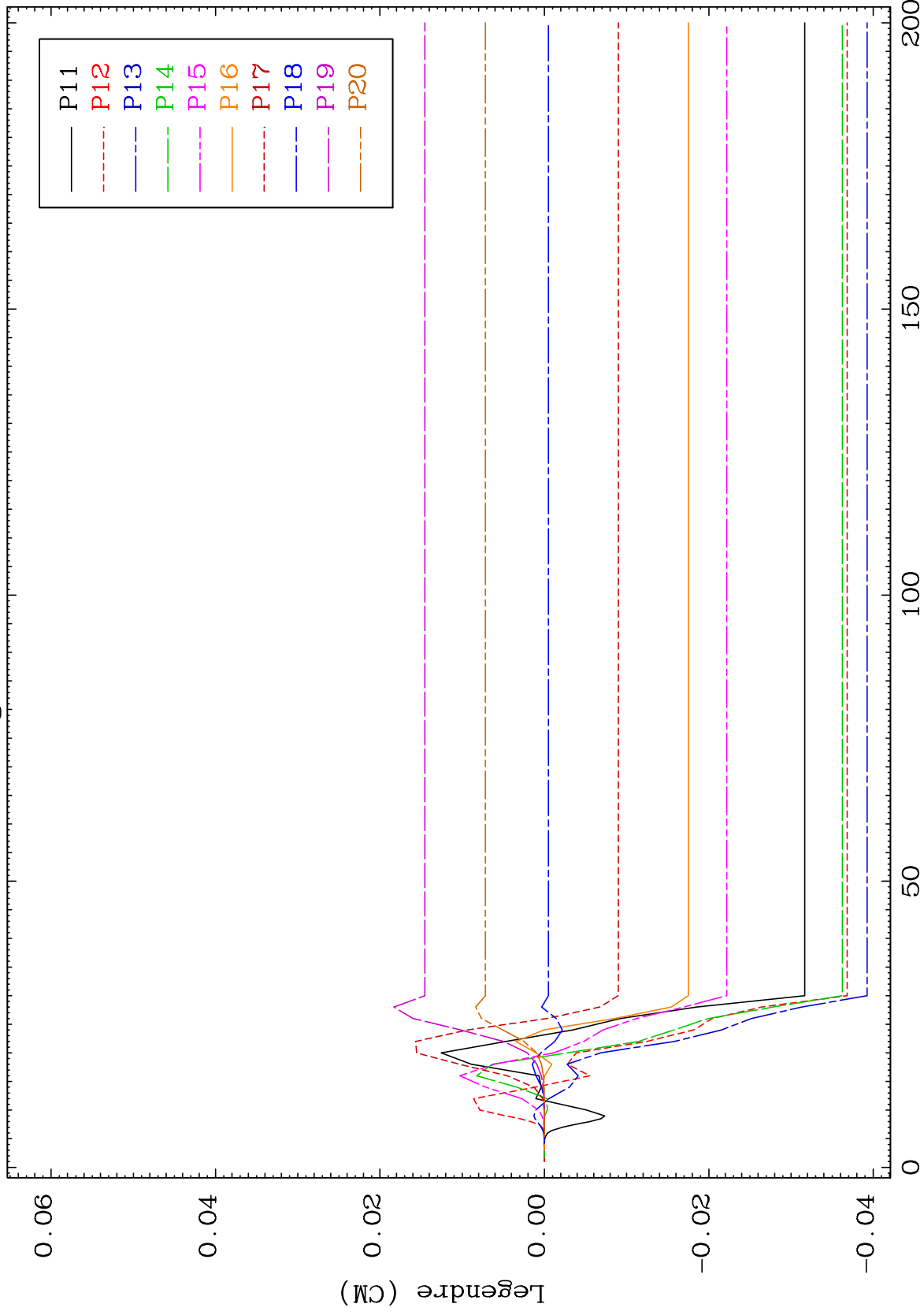


18

MAT 7270

MT= 51 (n,n') Level
Legendre Coefficients

72-Hf-189



19

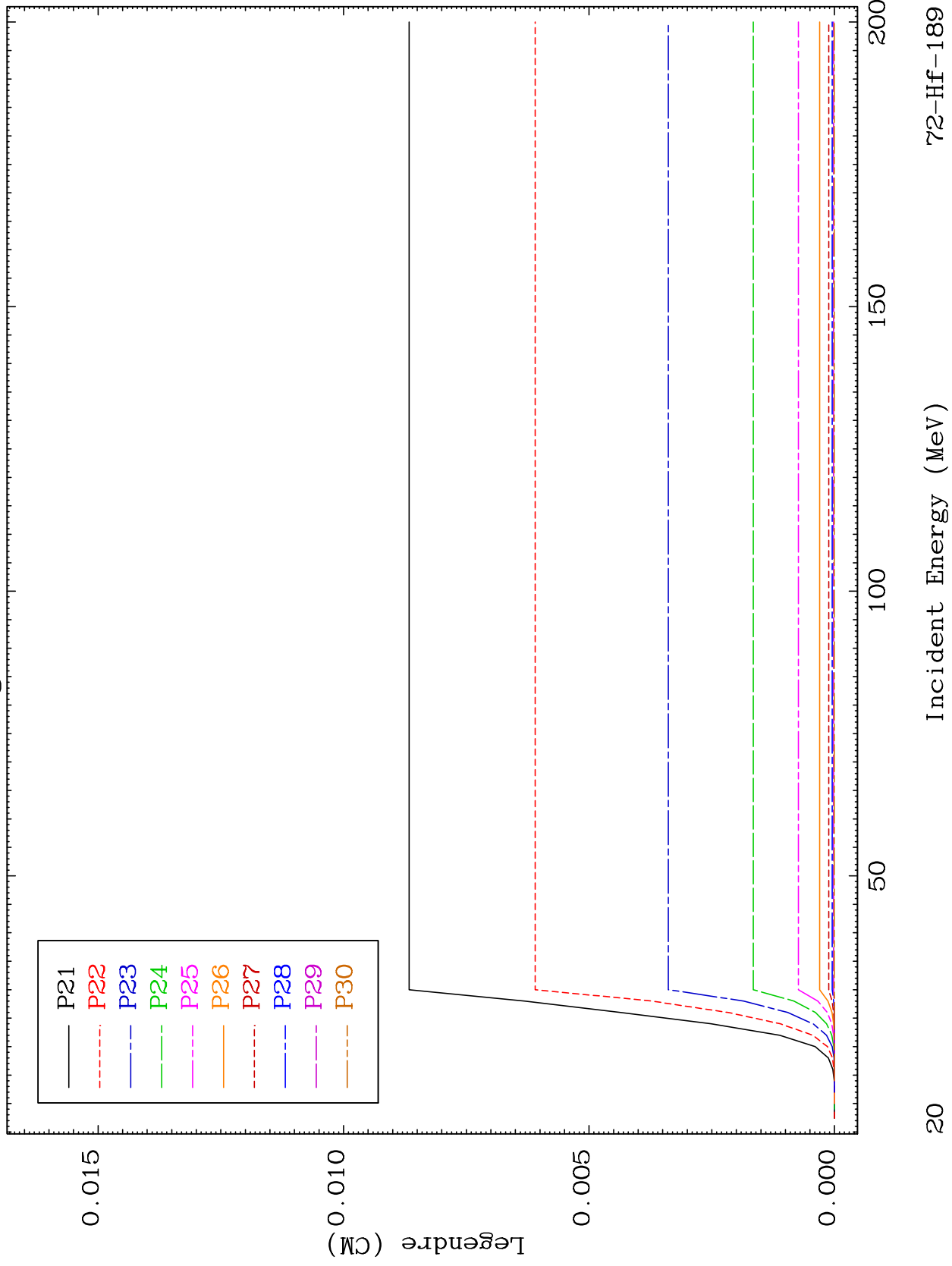
Incident Energy (MeV)

72-Hf-189

MAT 7270

MT= 51 (n,n') Level
Legendre Coefficients

72-Hf-189



72-Hf-189

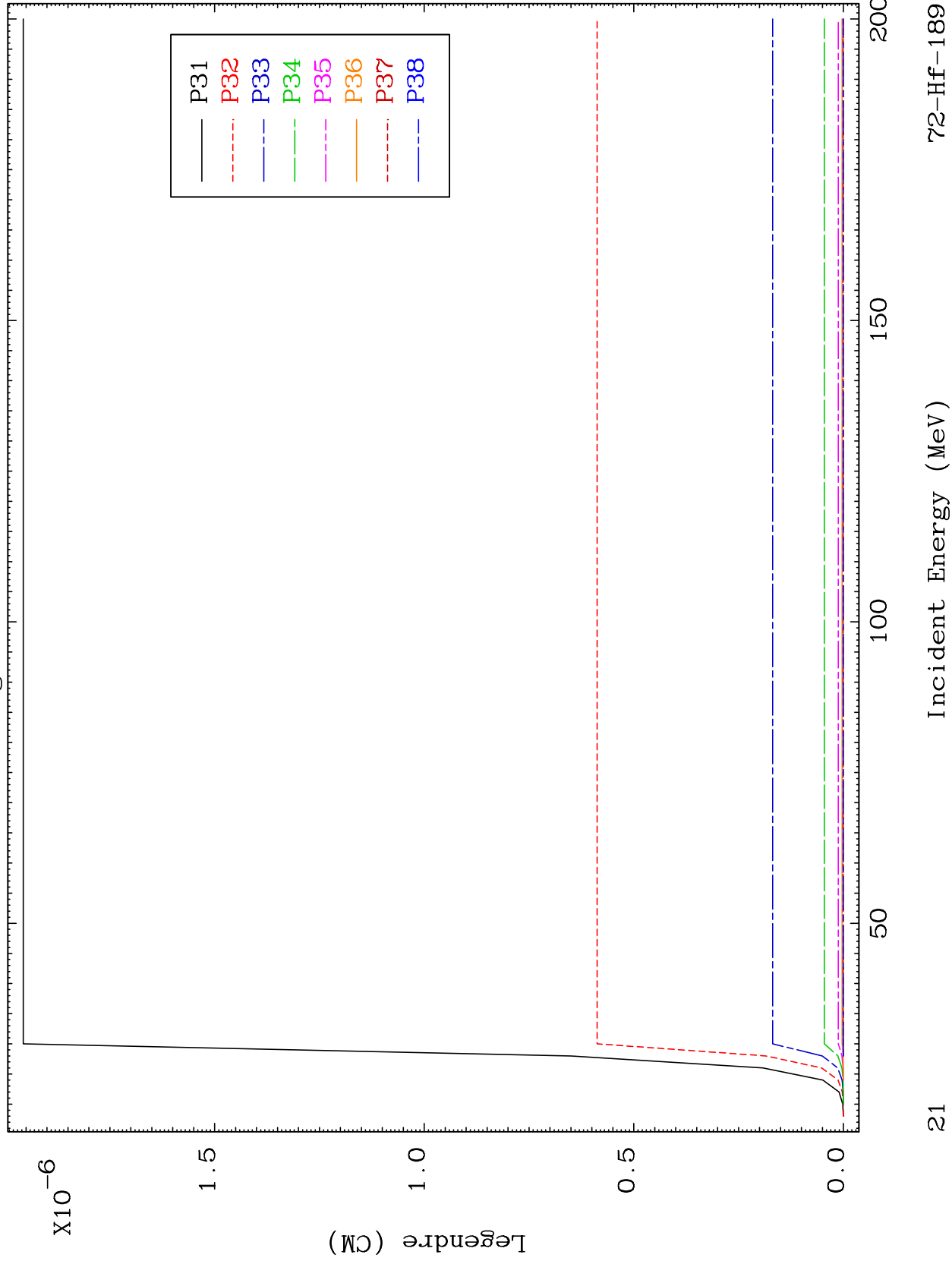
Incident Energy (MeV)

20

MAT 7270

MT= 51 (n,n') Level
Legendre Coefficients

72-Hf-189



21

Incident Energy (MeV)

72-Hf-189

MAT 7270

Fission

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Radionuclide Production Cross Section

