

Program EVALPLOT
(Version 2021-1)

by

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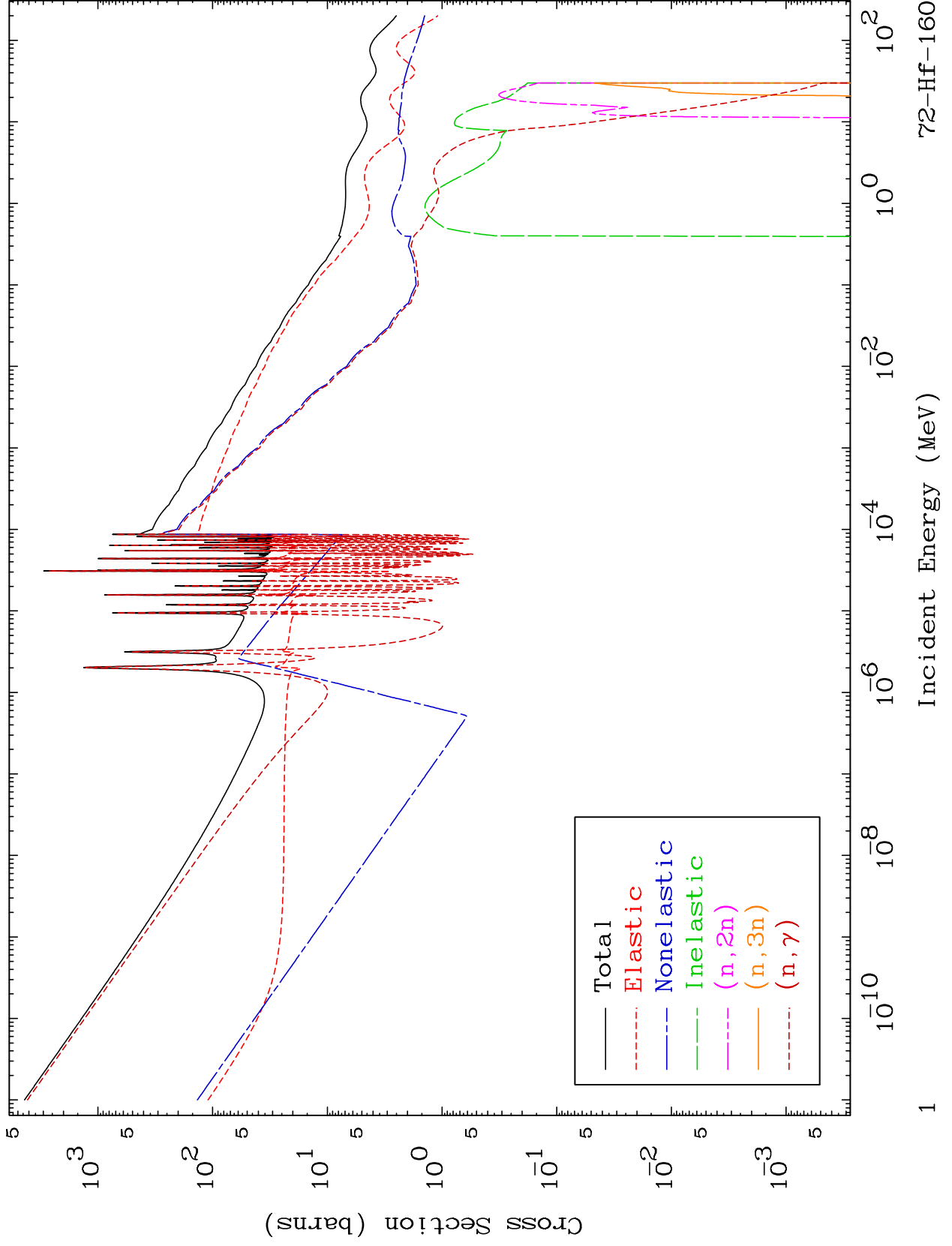
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7183

Neutron Major
293 Kelvin Cross Sections

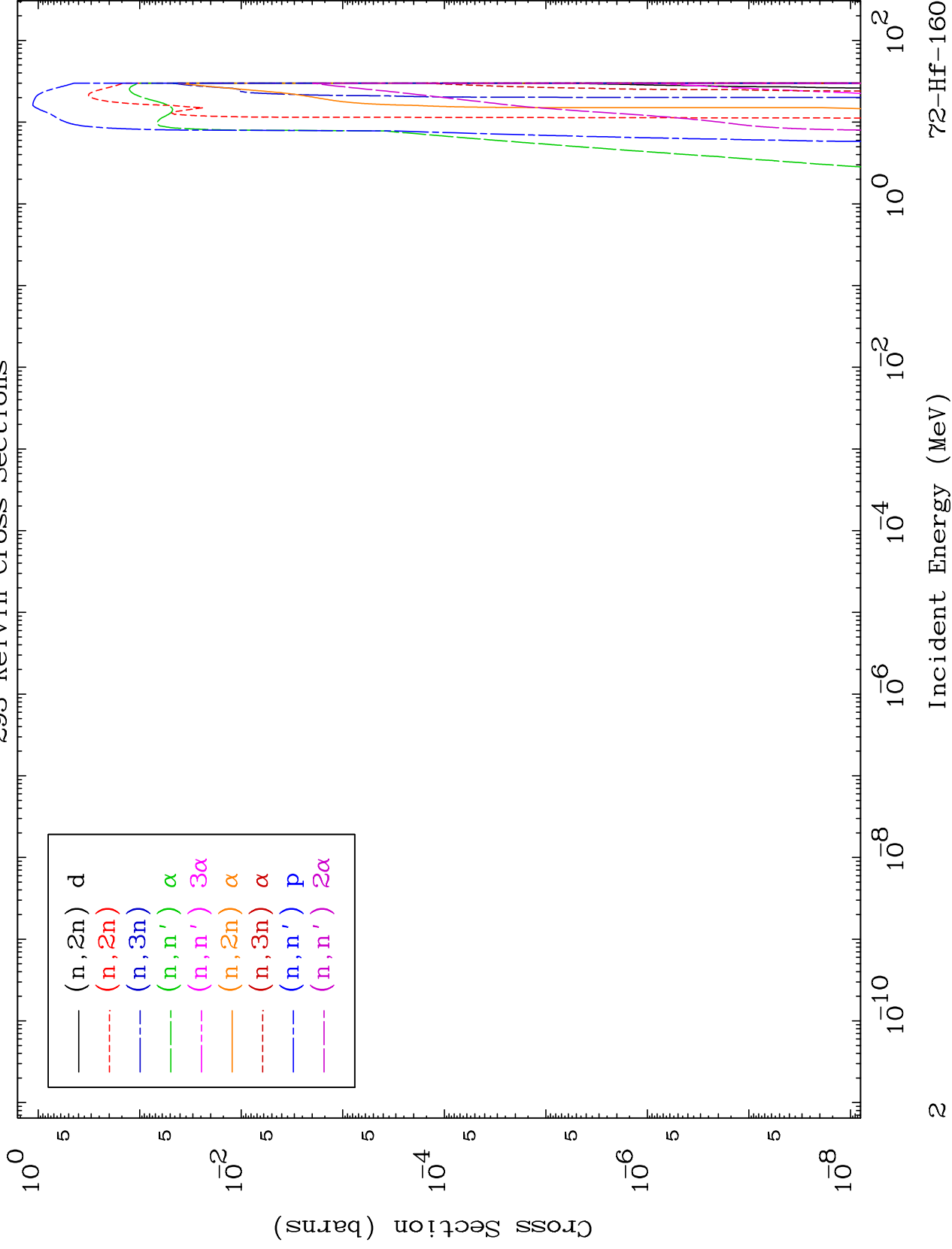
72-Hf-160



MAT 7183

Neutron Absorption
293 Kelvin Cross Sections

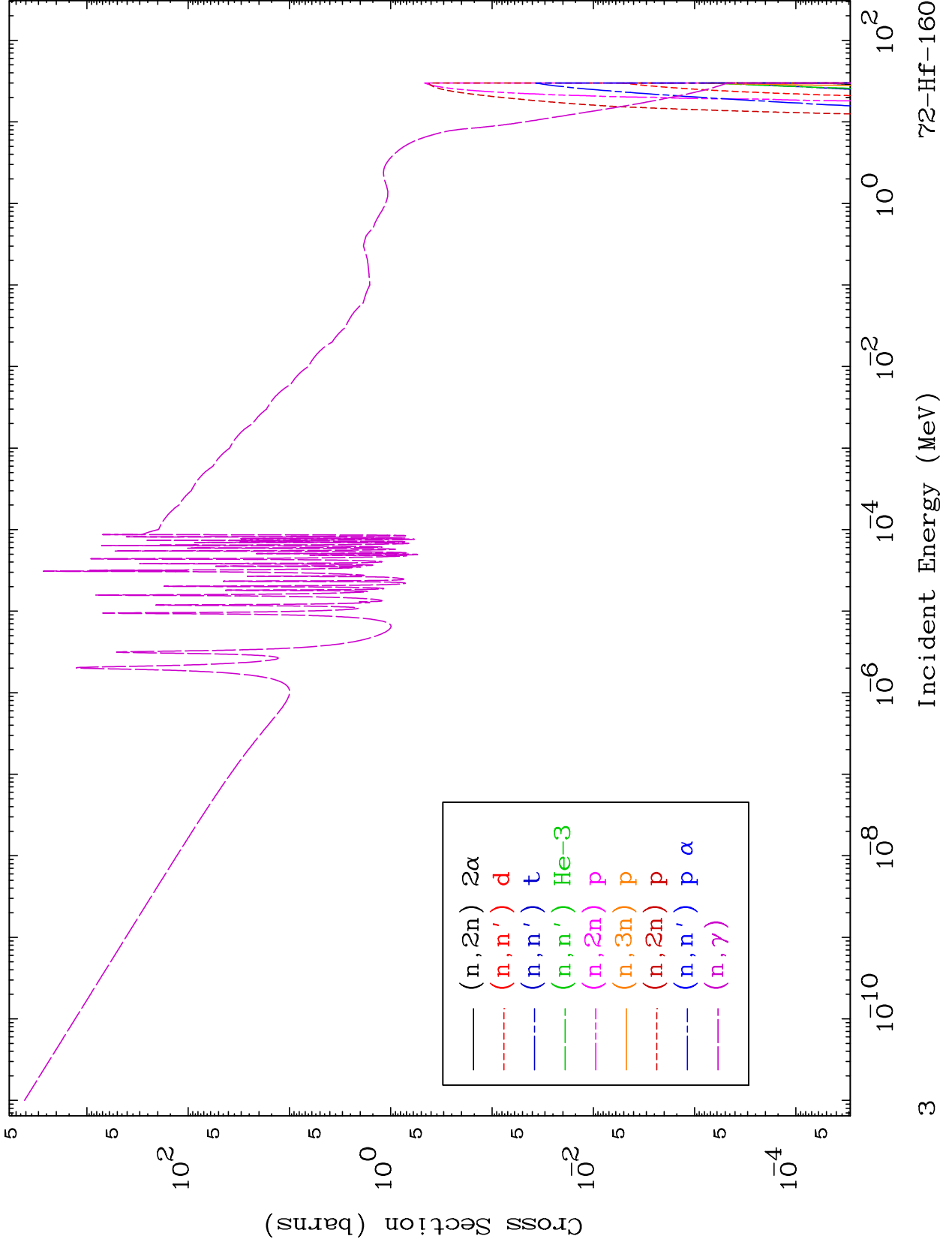
72-Hf-160



MAT 7183

Neutron Absorption
293 Kelvin Cross Sections

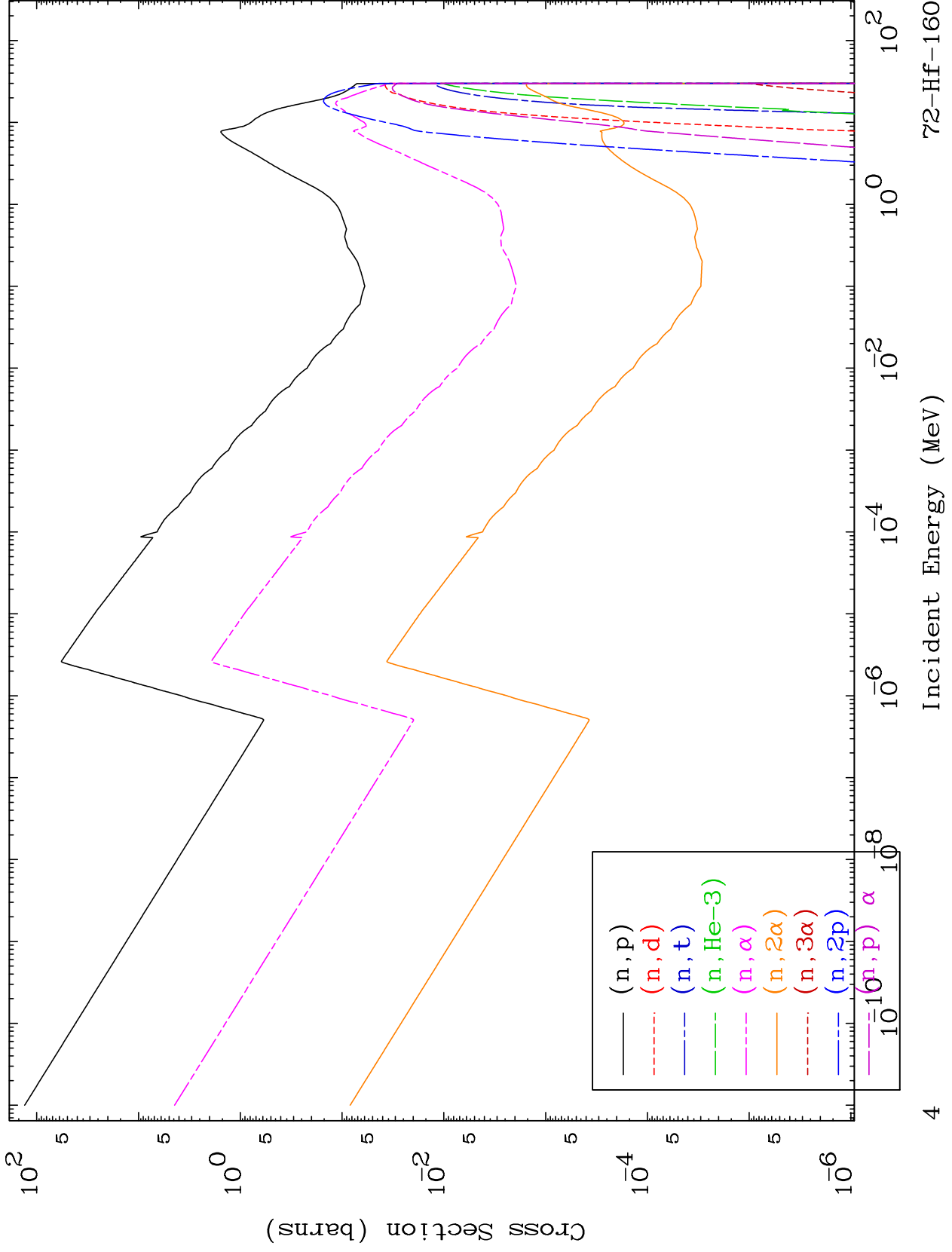
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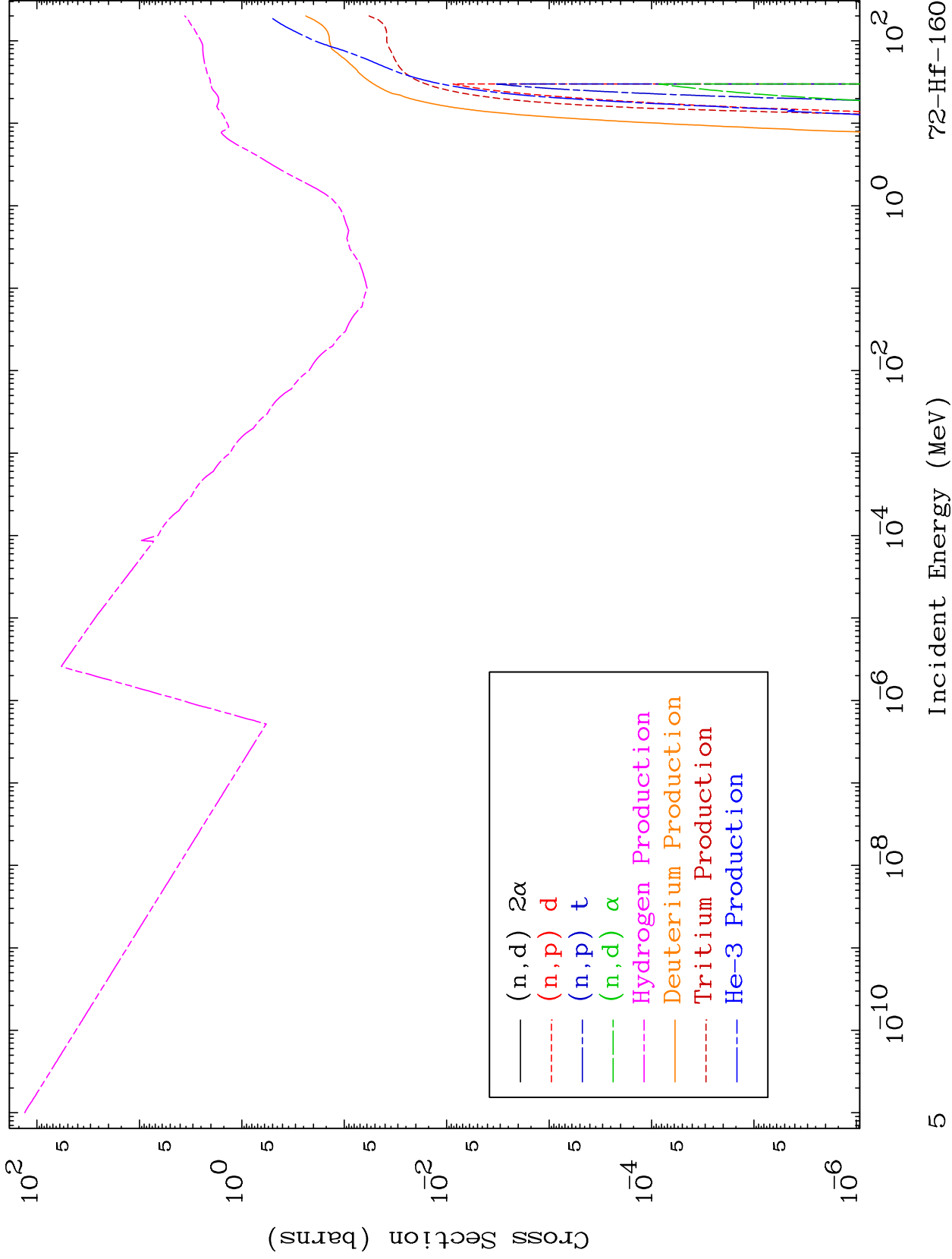


MAT 7183

Neutron Absorption
293 Kelvin Cross Sections

72-Hf-160

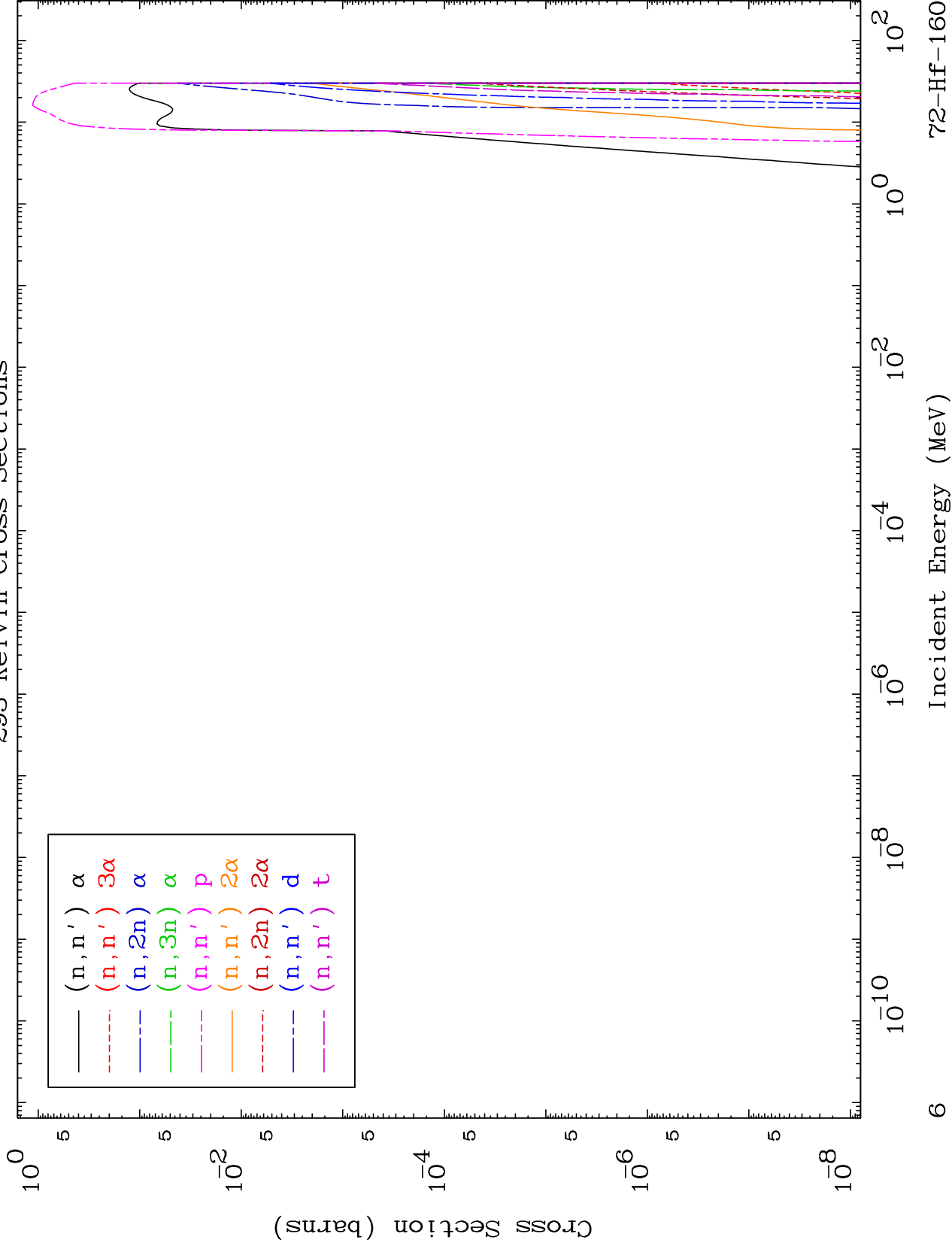




MAT 7183

Charged Particle
293 Kelvin Cross Sections

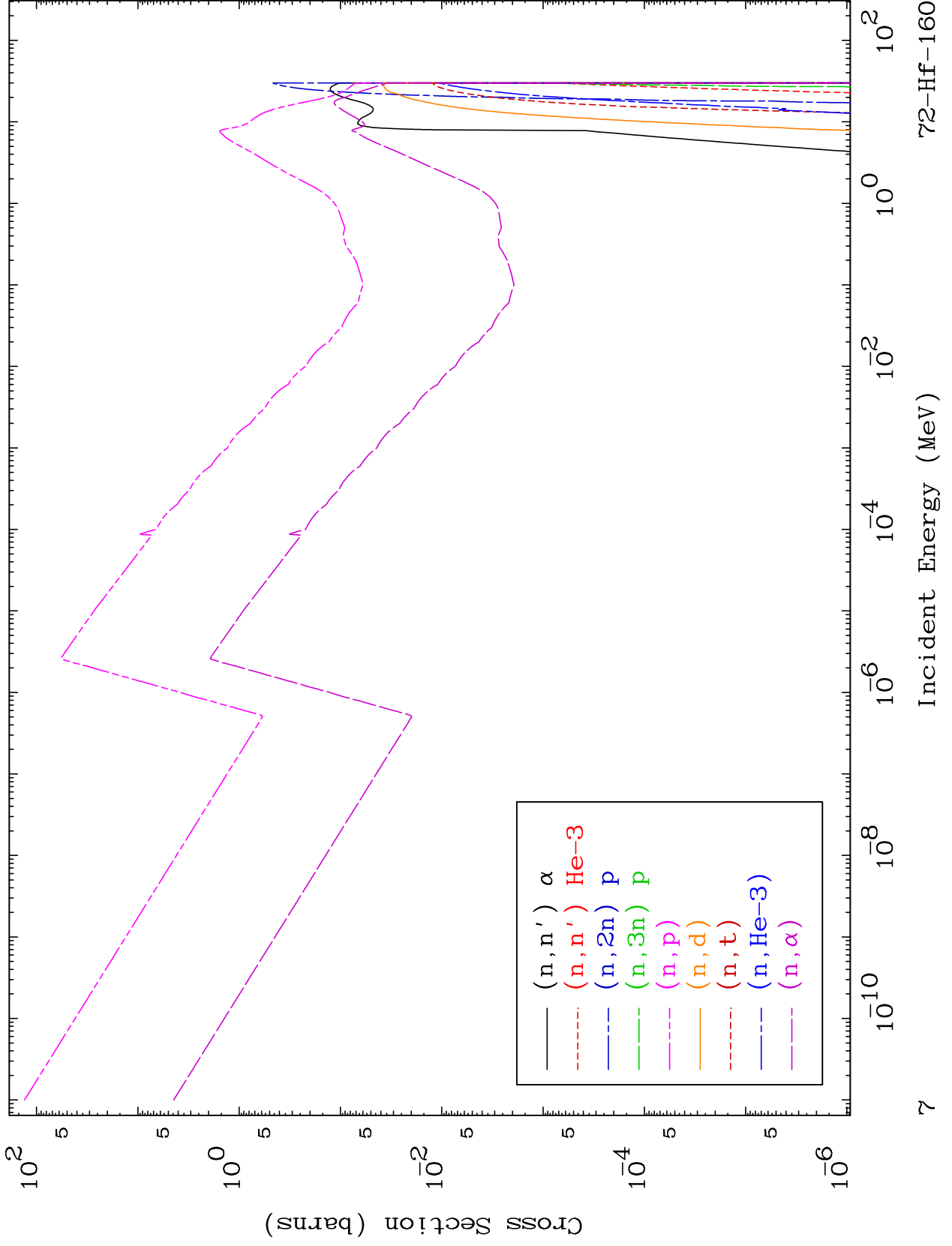
72-Hf-160



MAT 7183

Charged Particle
293 Kelvin Cross Sections

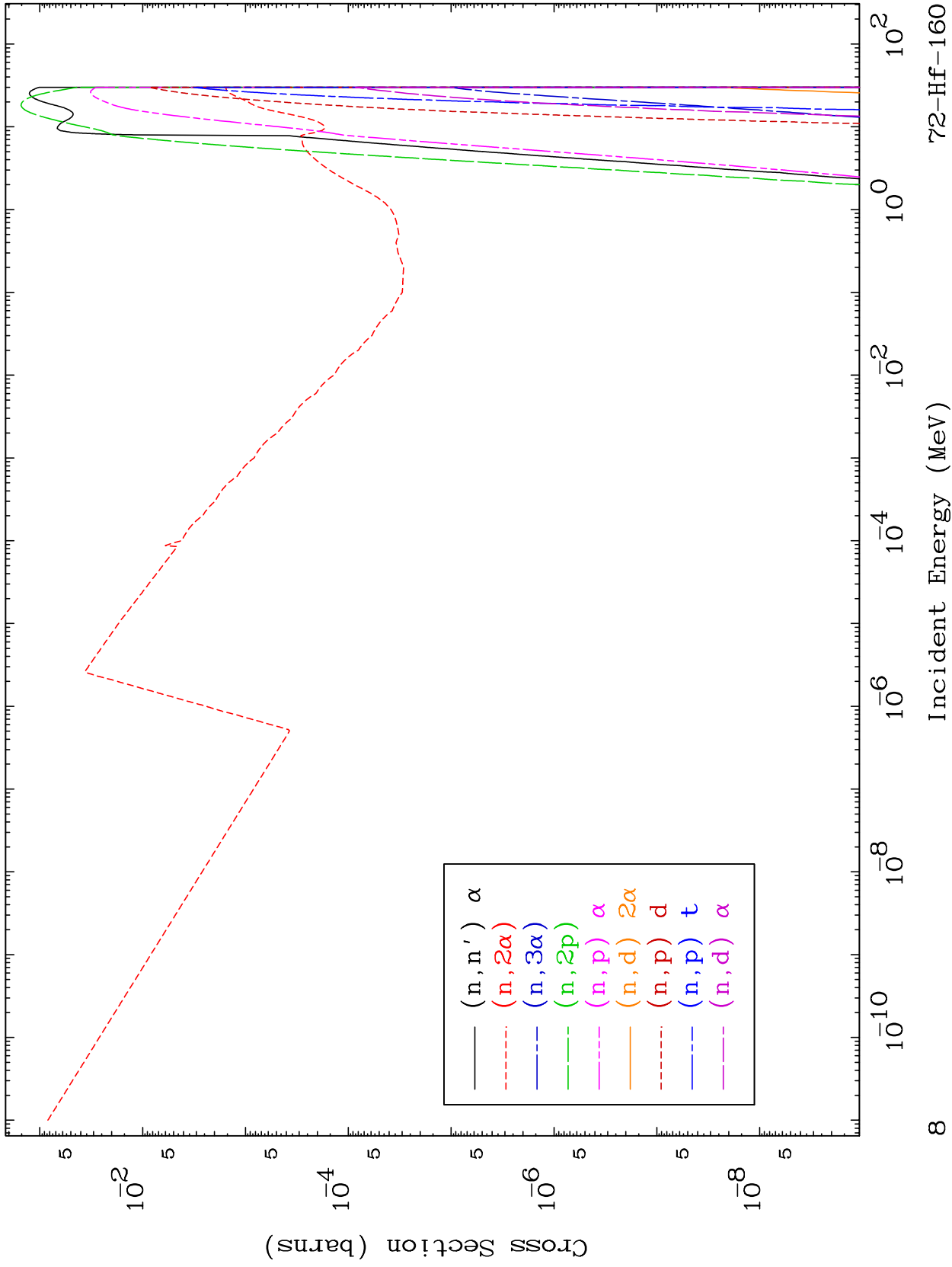
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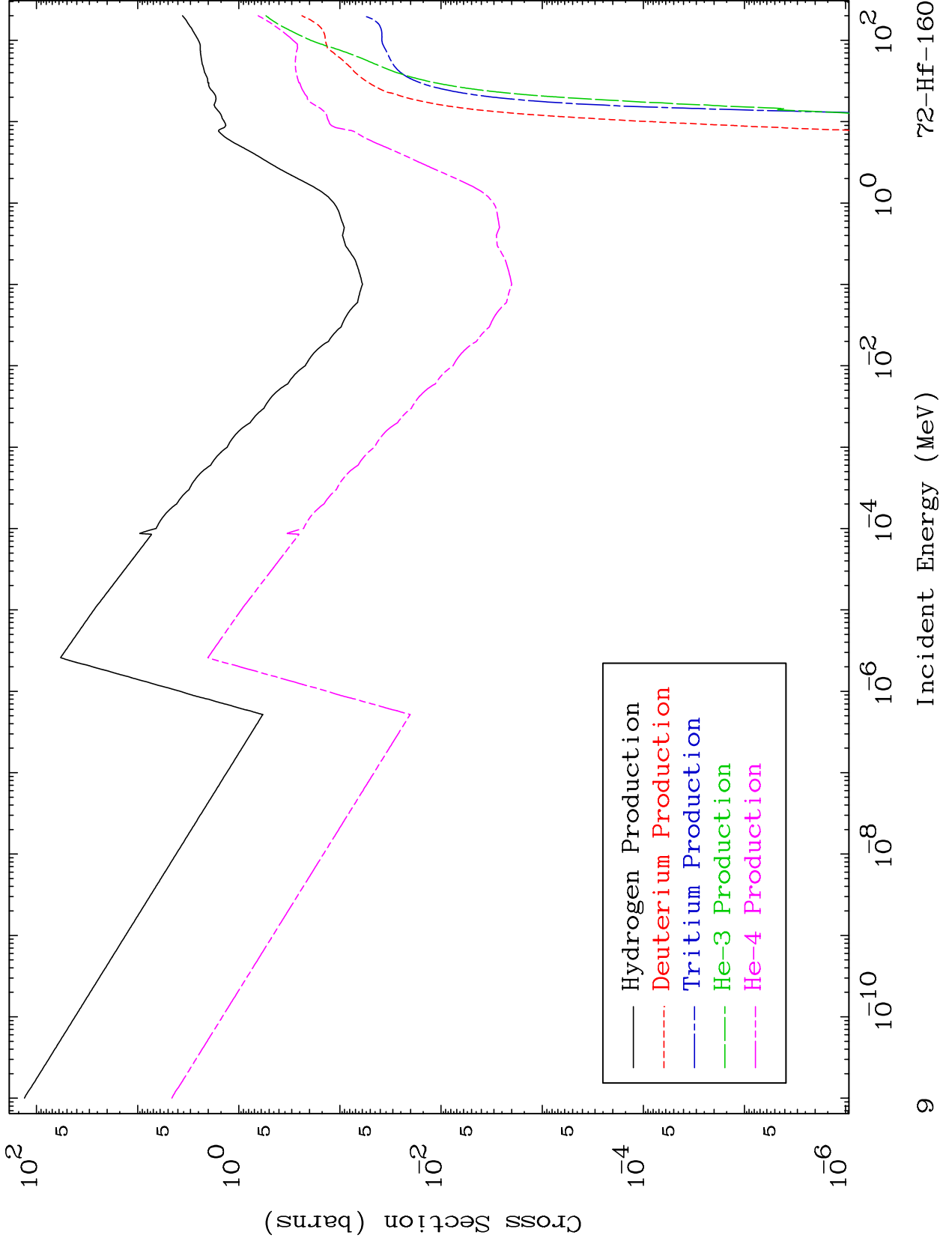


MAT 7183

Charged Particle
293 Kelvin Cross Sections

72-Hf-160

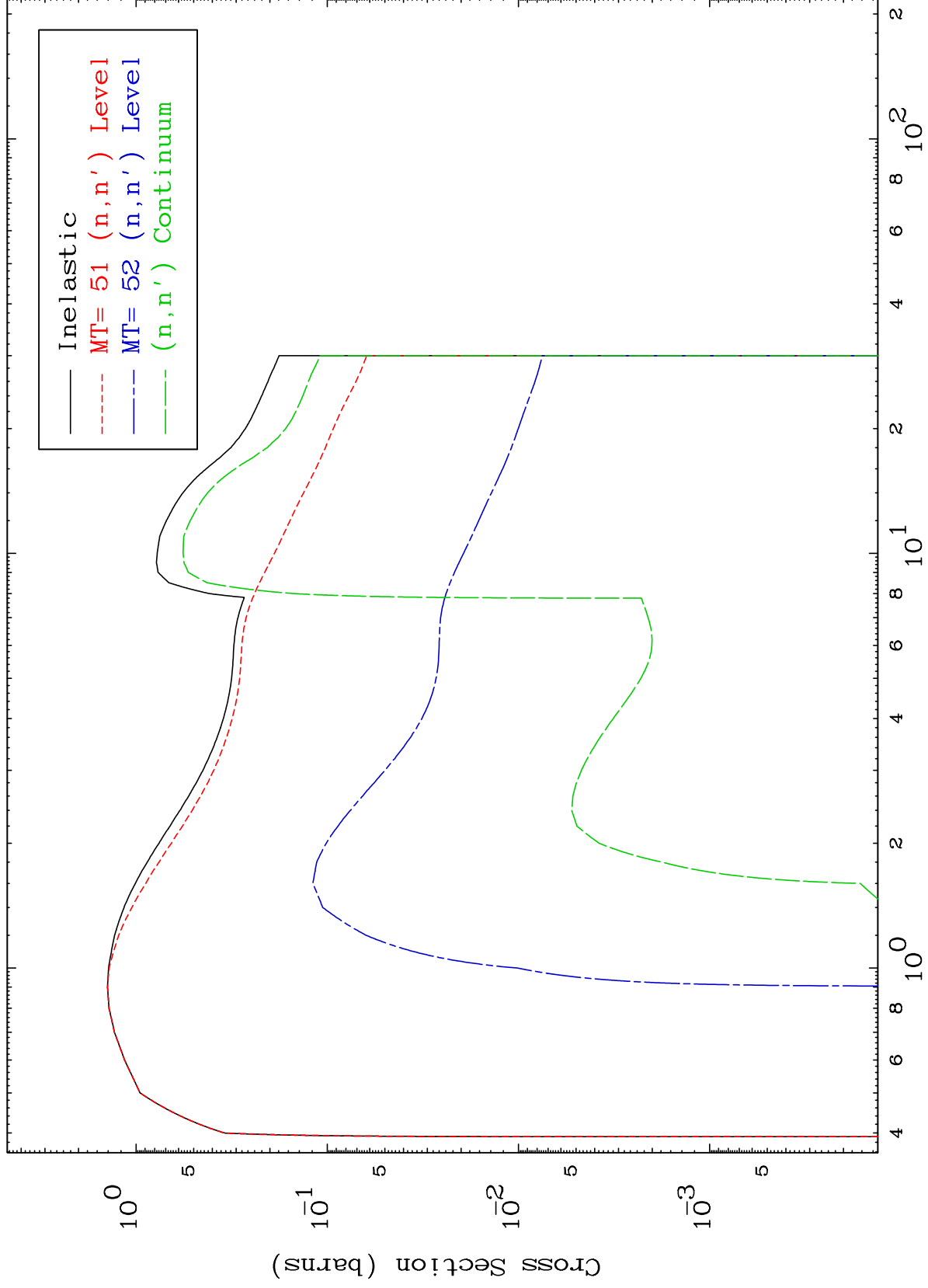




MAT 7183

(n,n') Levels
293 Kelvin Cross Sections

72-Hf-160



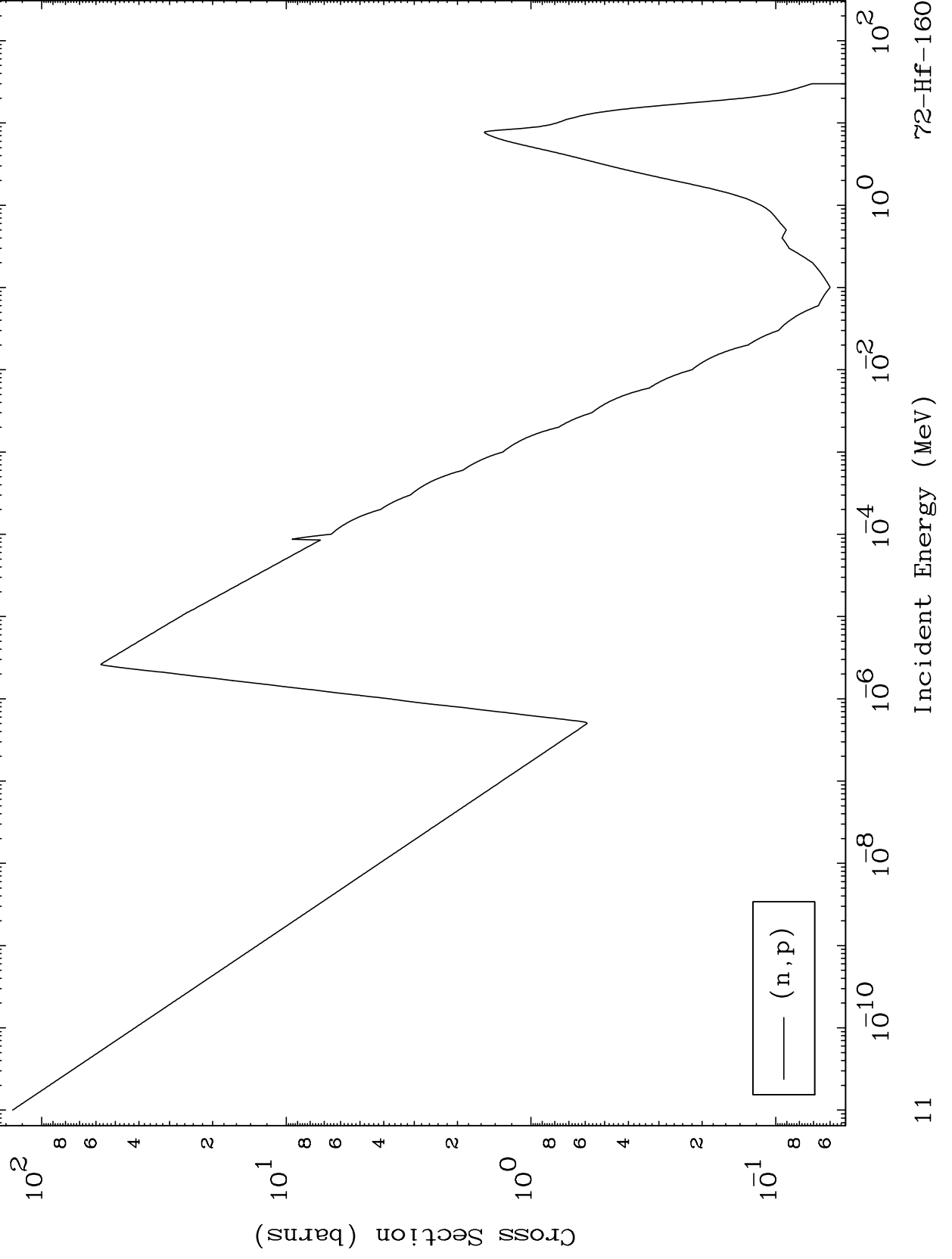
Incident Energy (MeV)

72-Hf-160

MAT 7183

(n,p) Levels
293 Kelvin Cross Sections

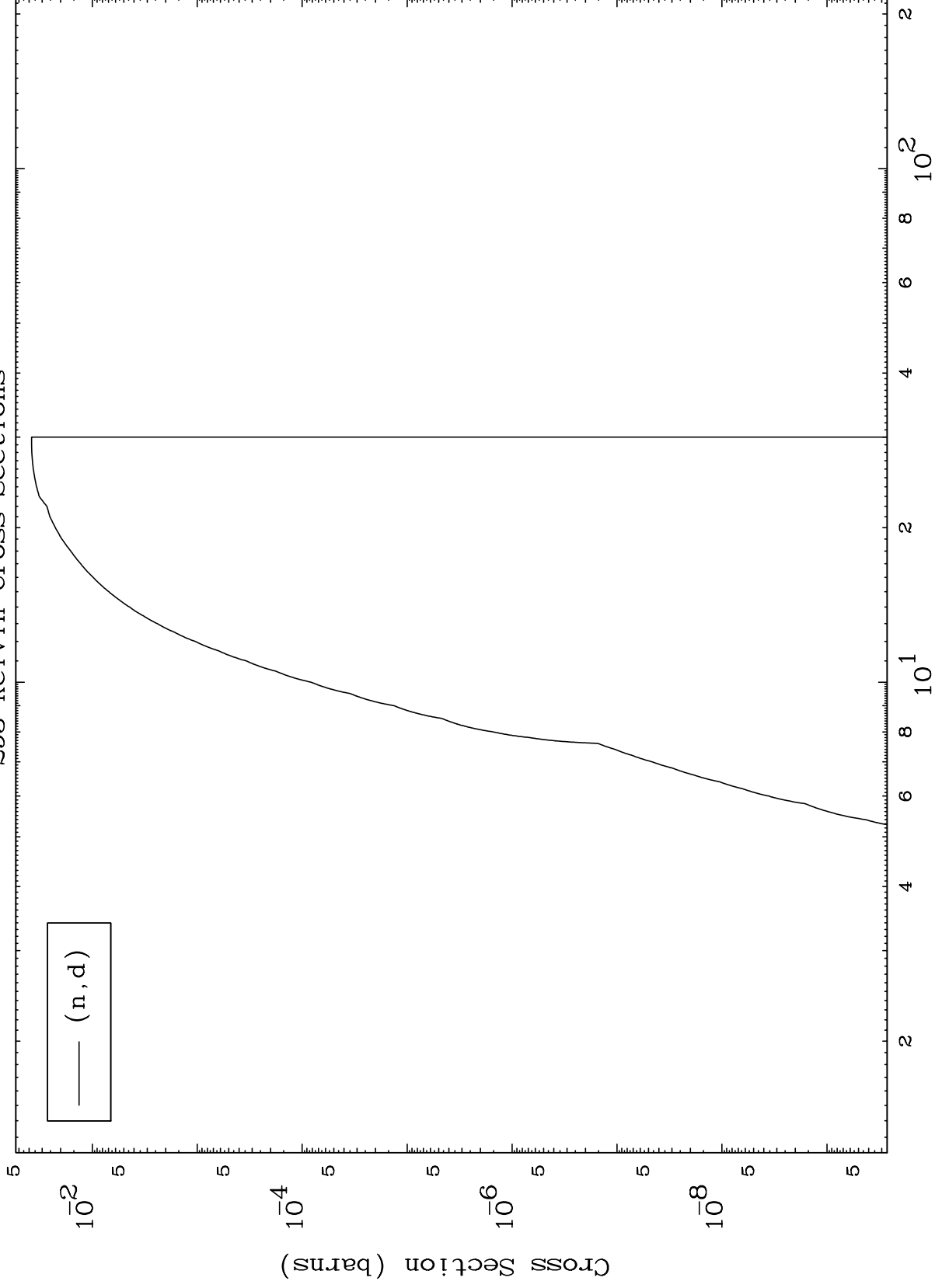
72-Hf-160



MAT 7183

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-160



12

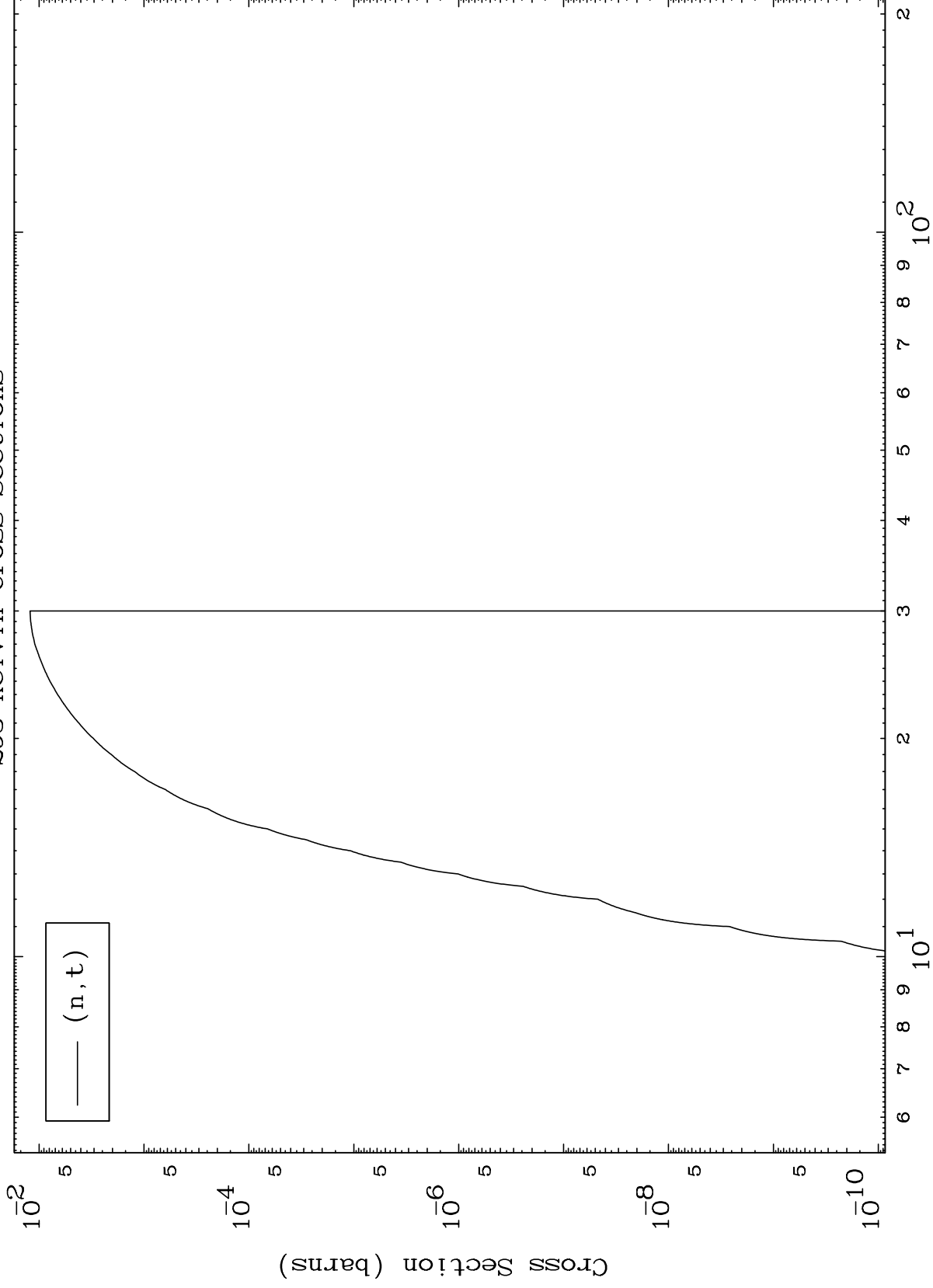
Incident Energy (MeV)

72-Hf-160

MAT 7183

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-160



13

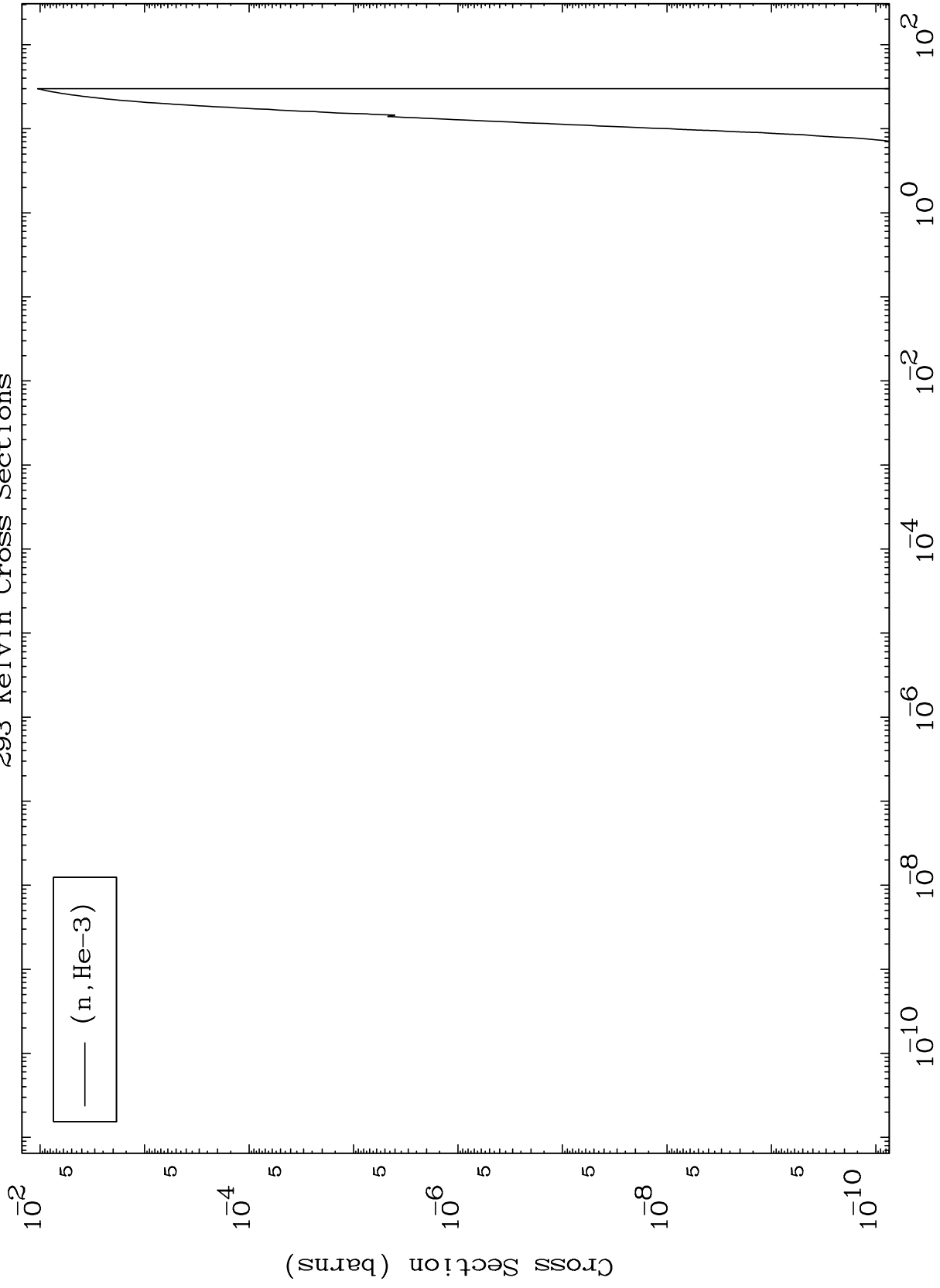
Incident Energy (MeV)

72-Hf-160

MAT 7183

(n,He3) Levels
293 Kelvin Cross Sections

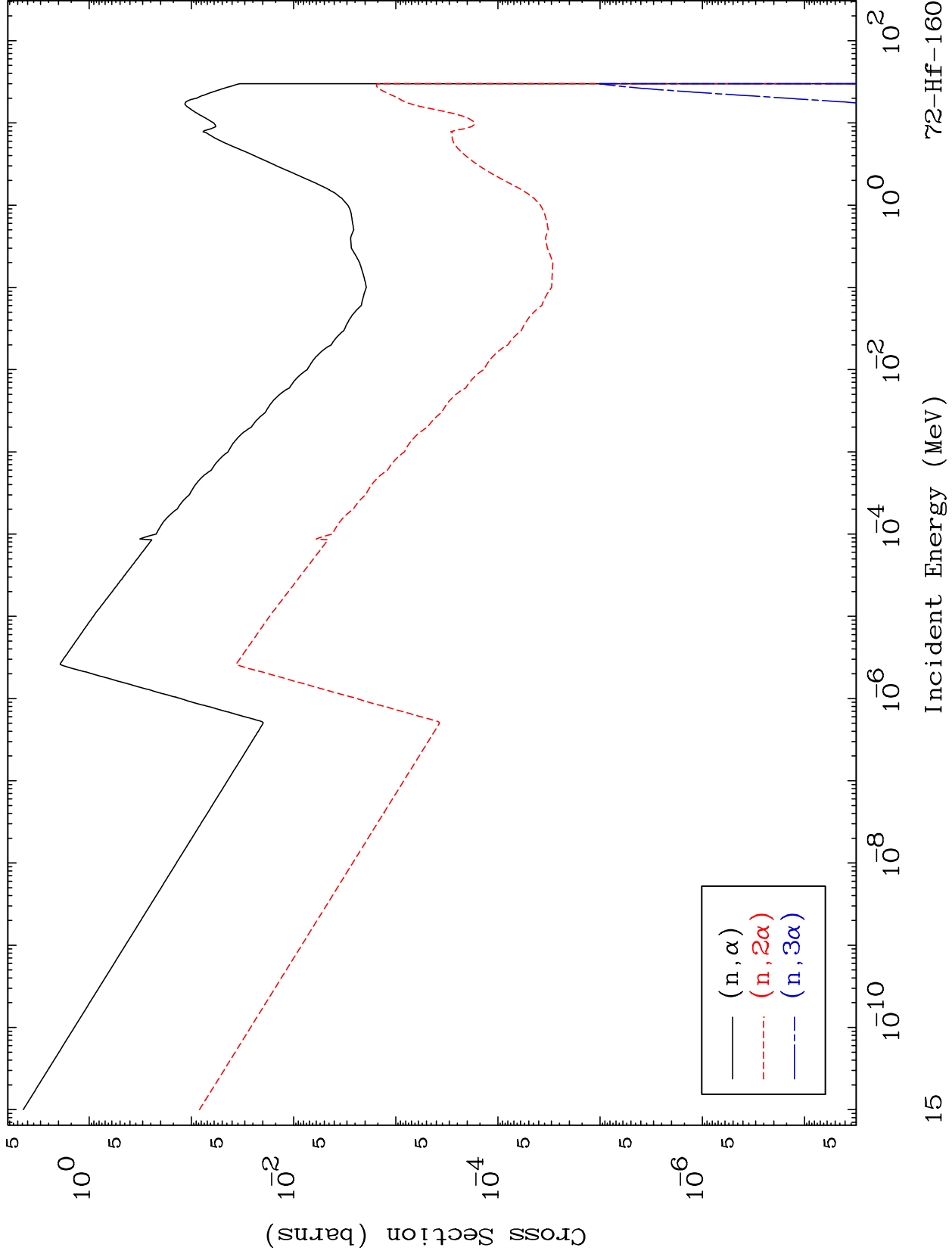
72-Hf-160



MAT 7183

(n,α) Levels
293 Kelvin Cross Sections

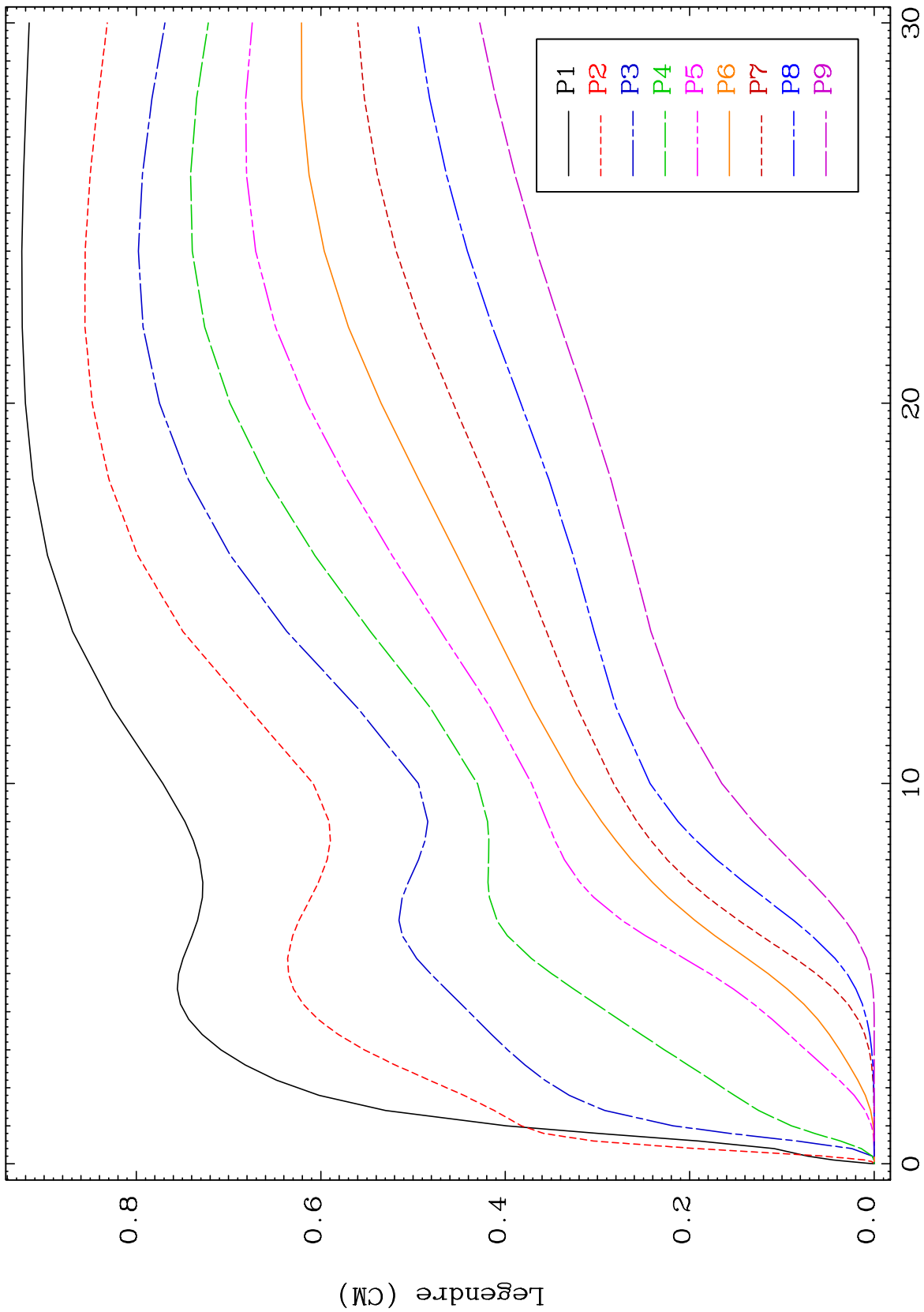
72-Hf-160



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72-Hf-160

Elastic Legendre Coefficients



72-Hf-160

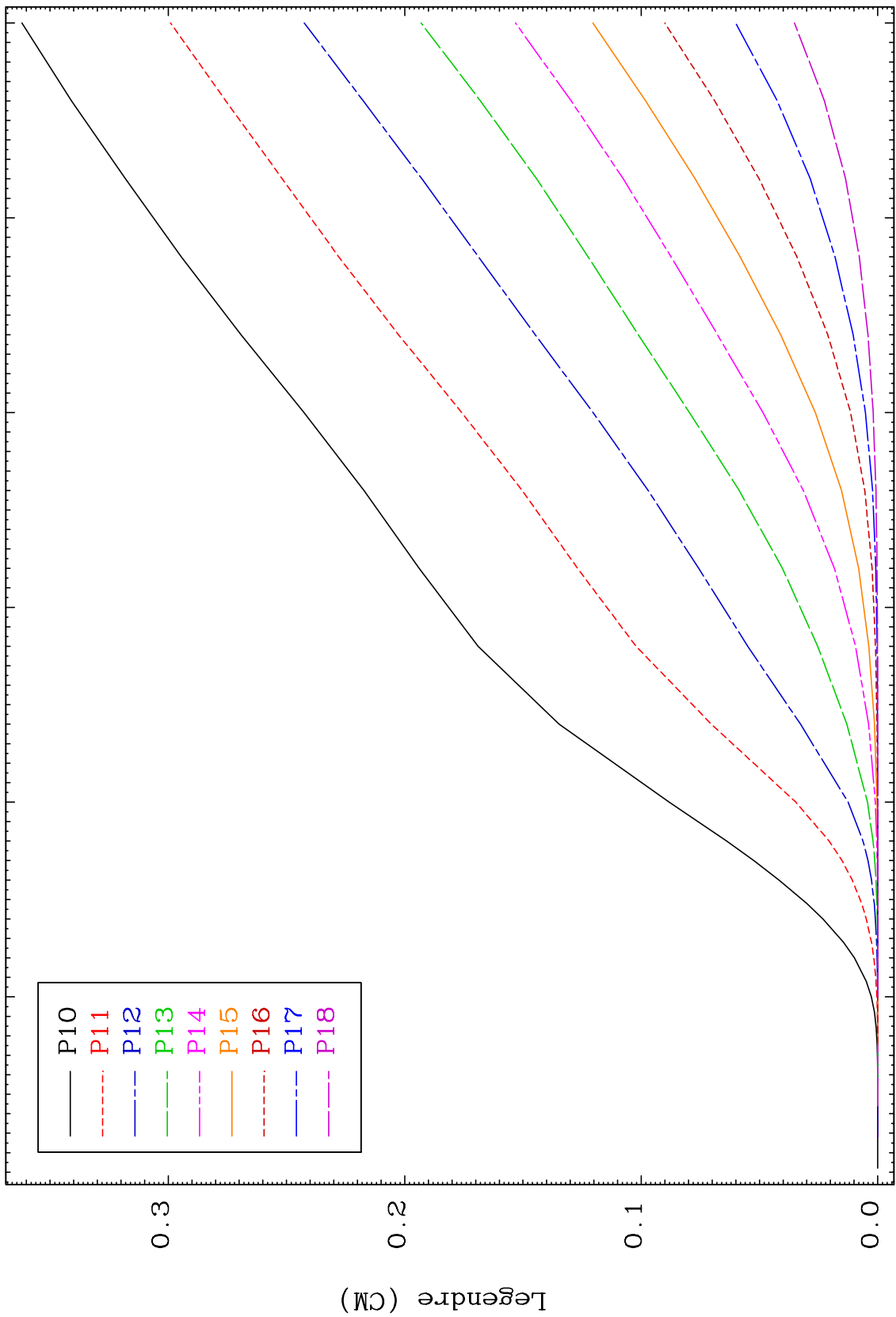
Incident Energy (MeV)

16

MAT 7183

Elastic Legendre Coefficients

72-Hf-160



17

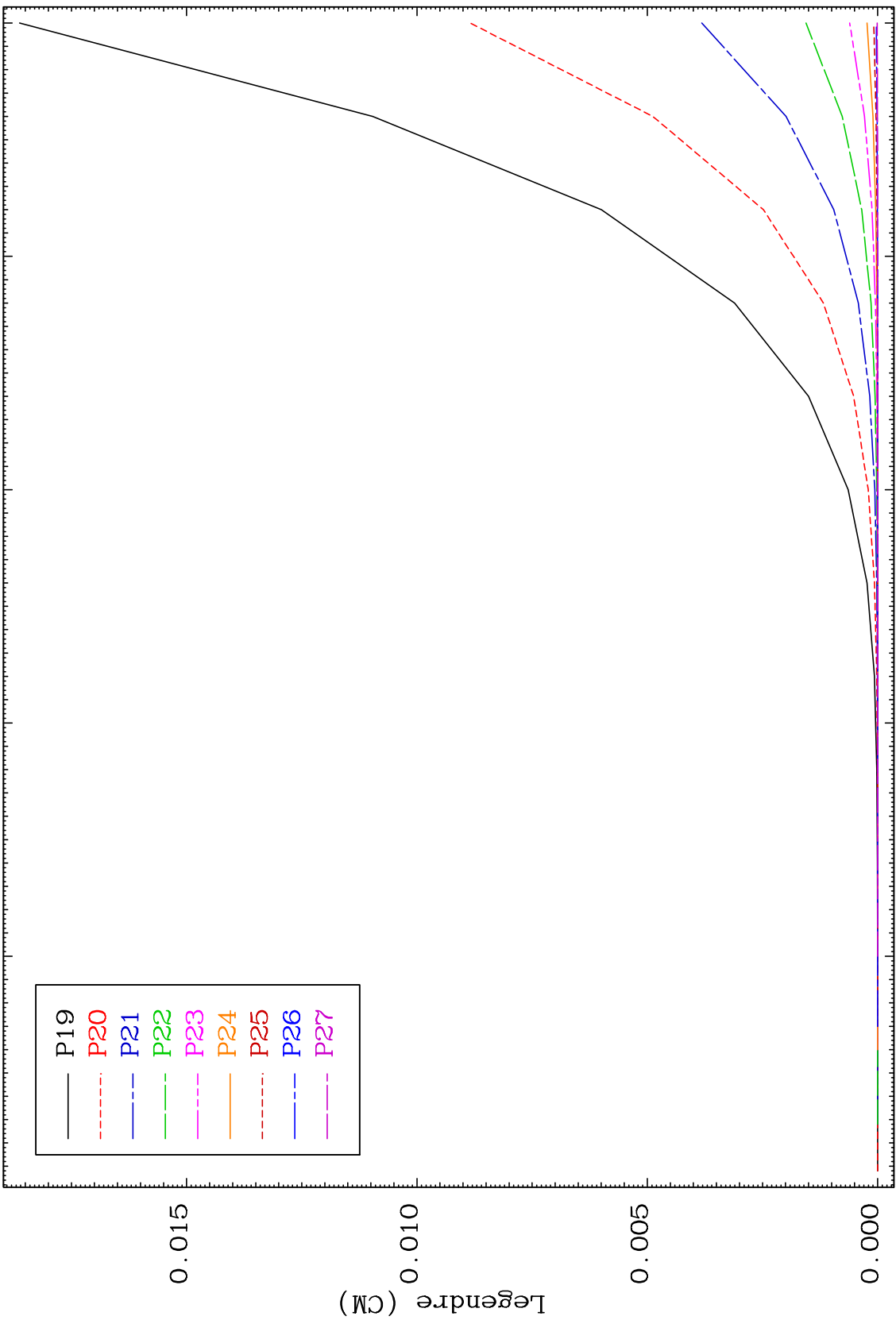
Incident Energy (MeV)

72-Hf-160

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Elastic Legendre Coefficients

72-Hf-160



- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

18

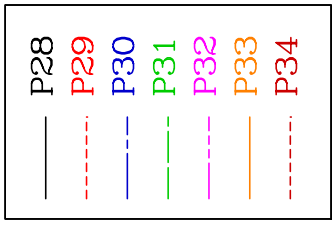
Incident Energy (MeV)

72-Hf-160

MAT 7183

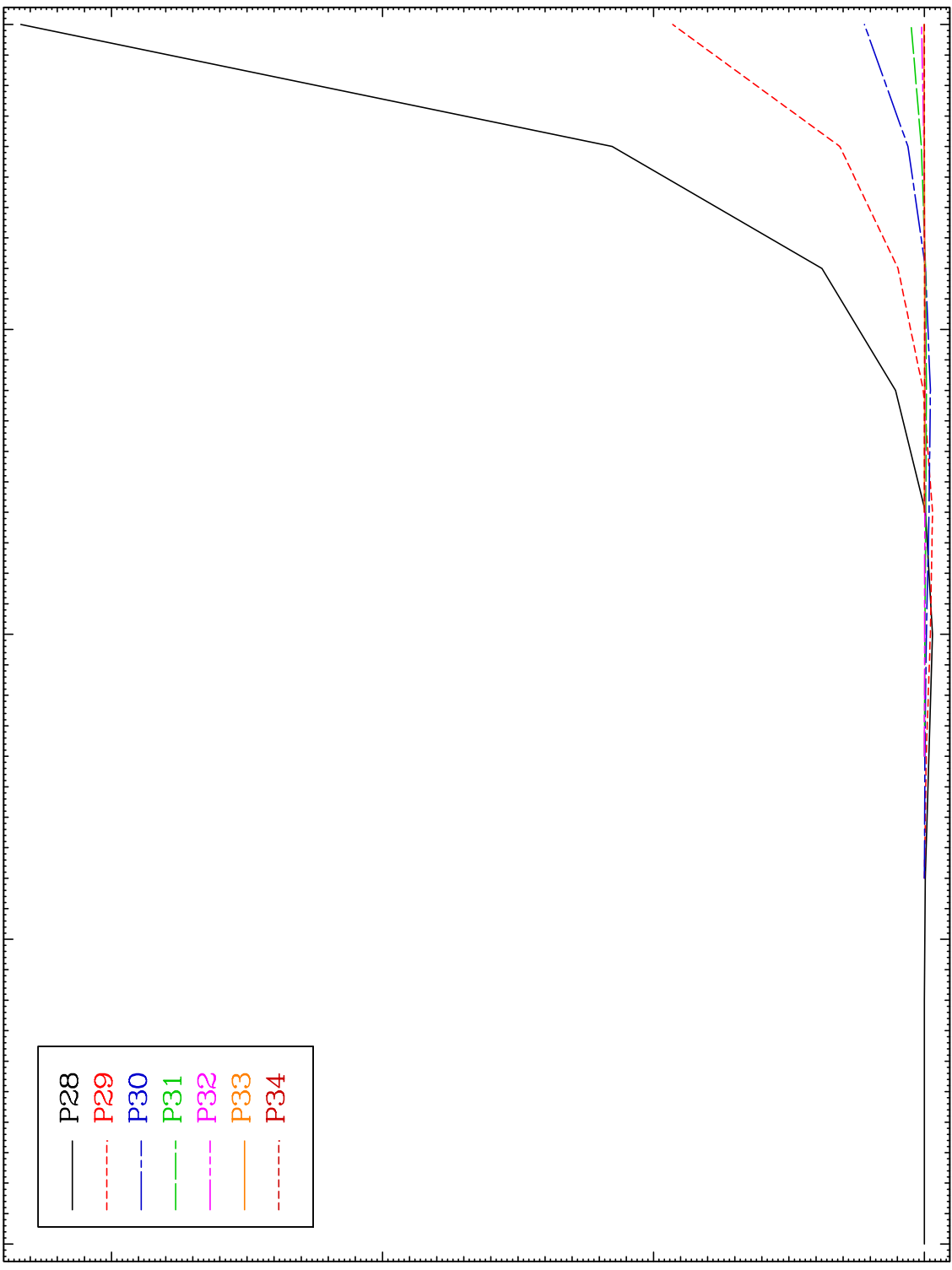
Elastic
Legendre Coefficients

72-Hf-160



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

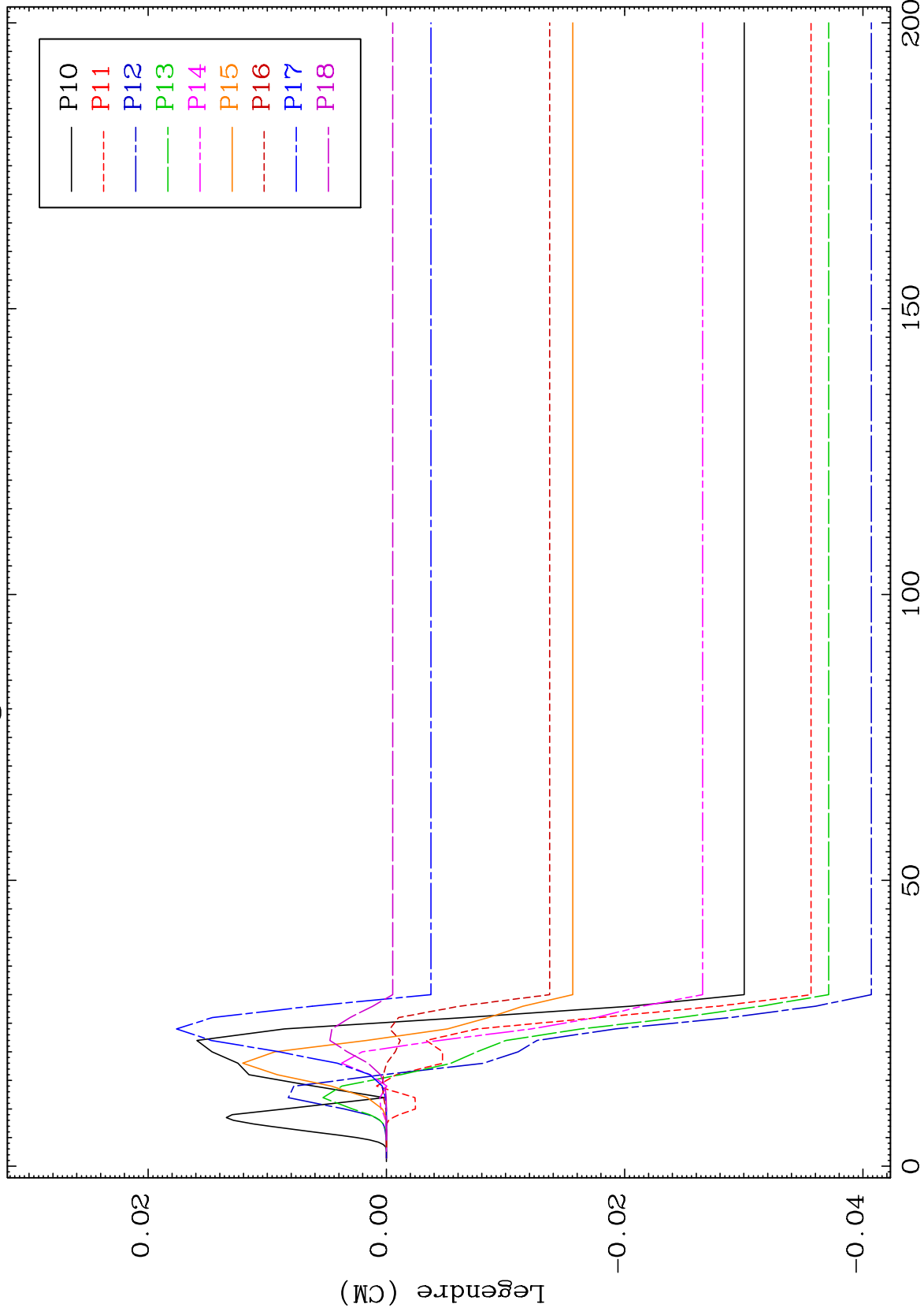
Incident Energy (MeV)

72-Hf-160

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

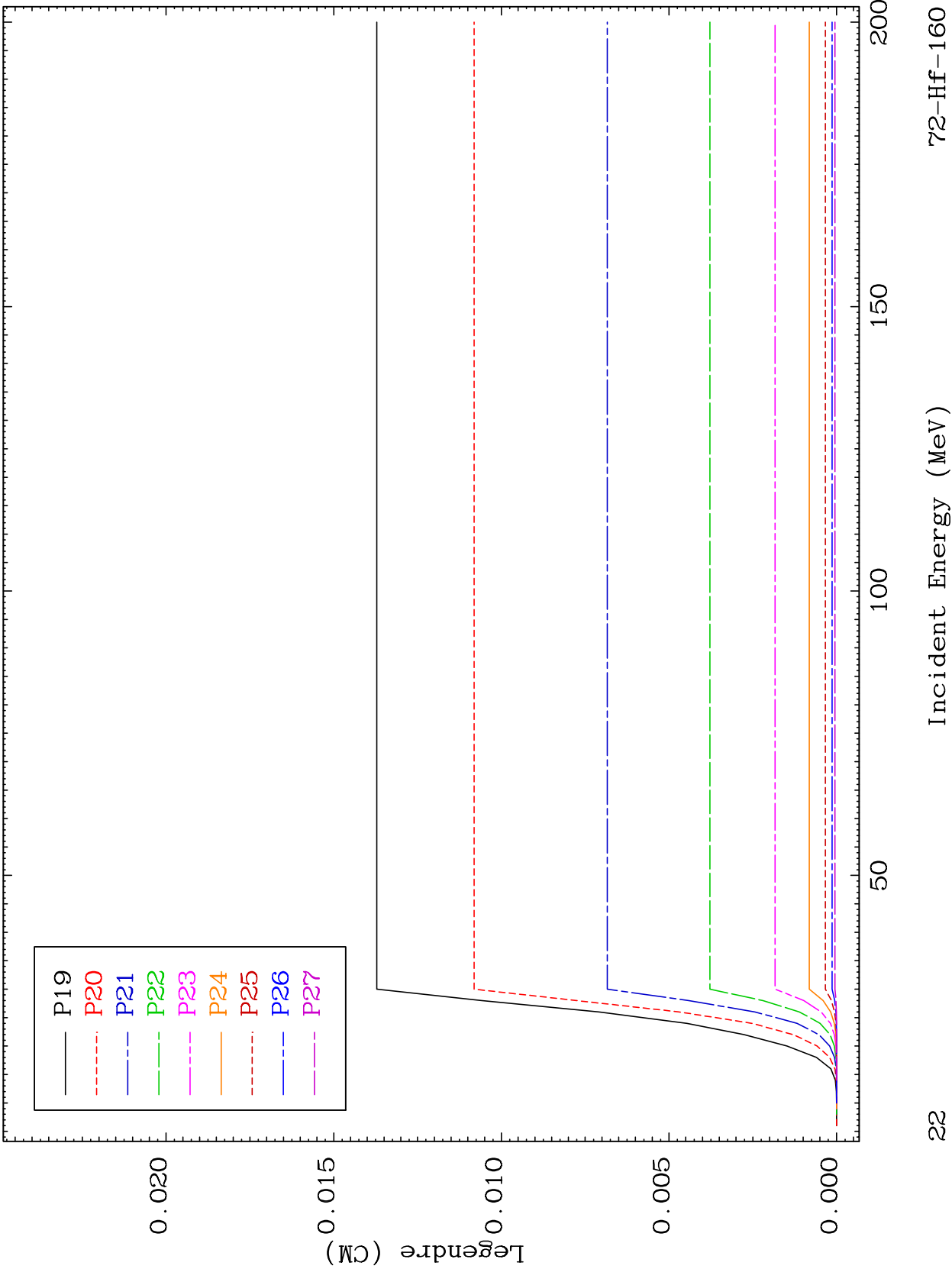
72-Hf-160



21

Incident Energy (MeV)

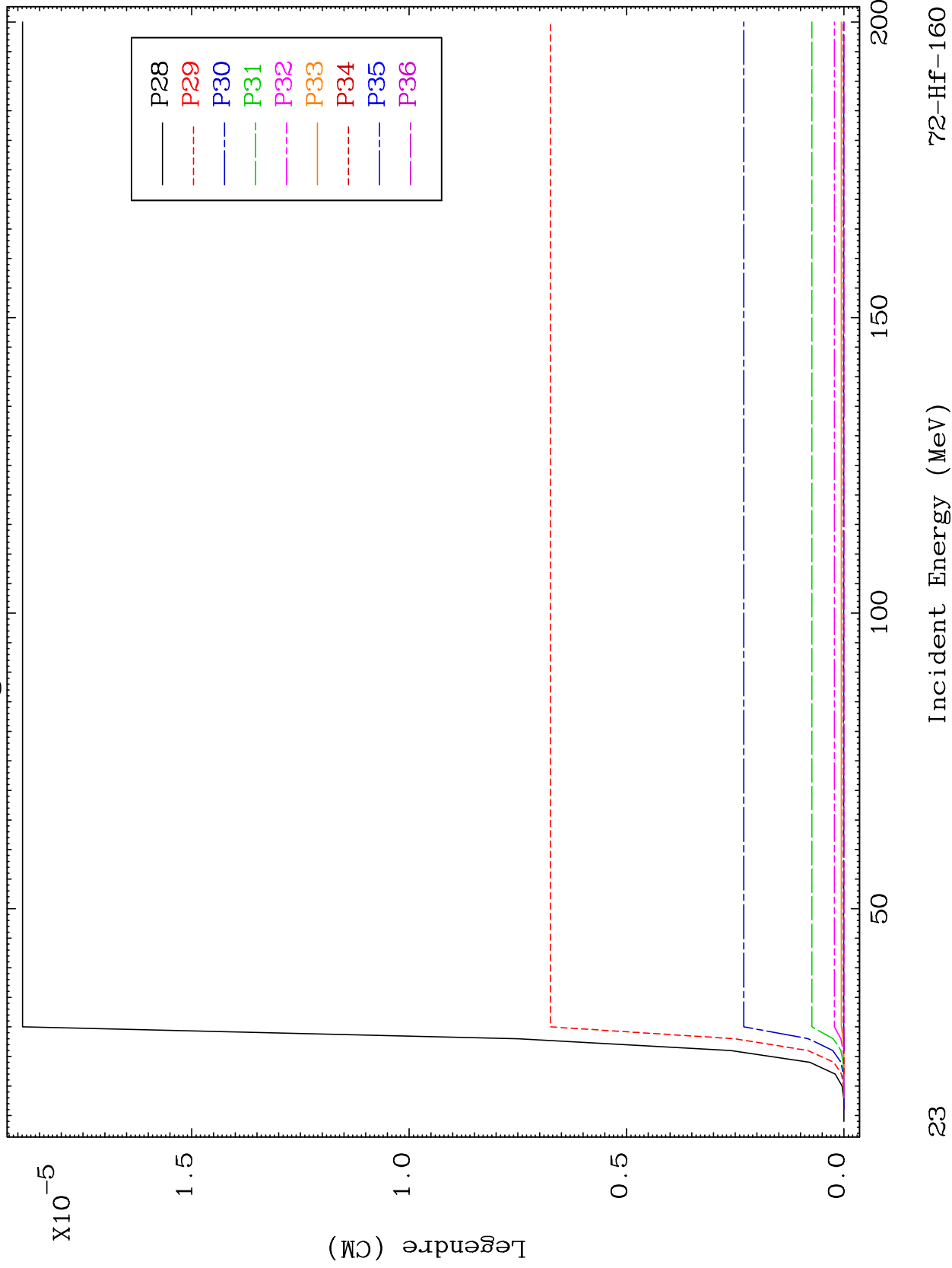
72-Hf-160



MAT 7183

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

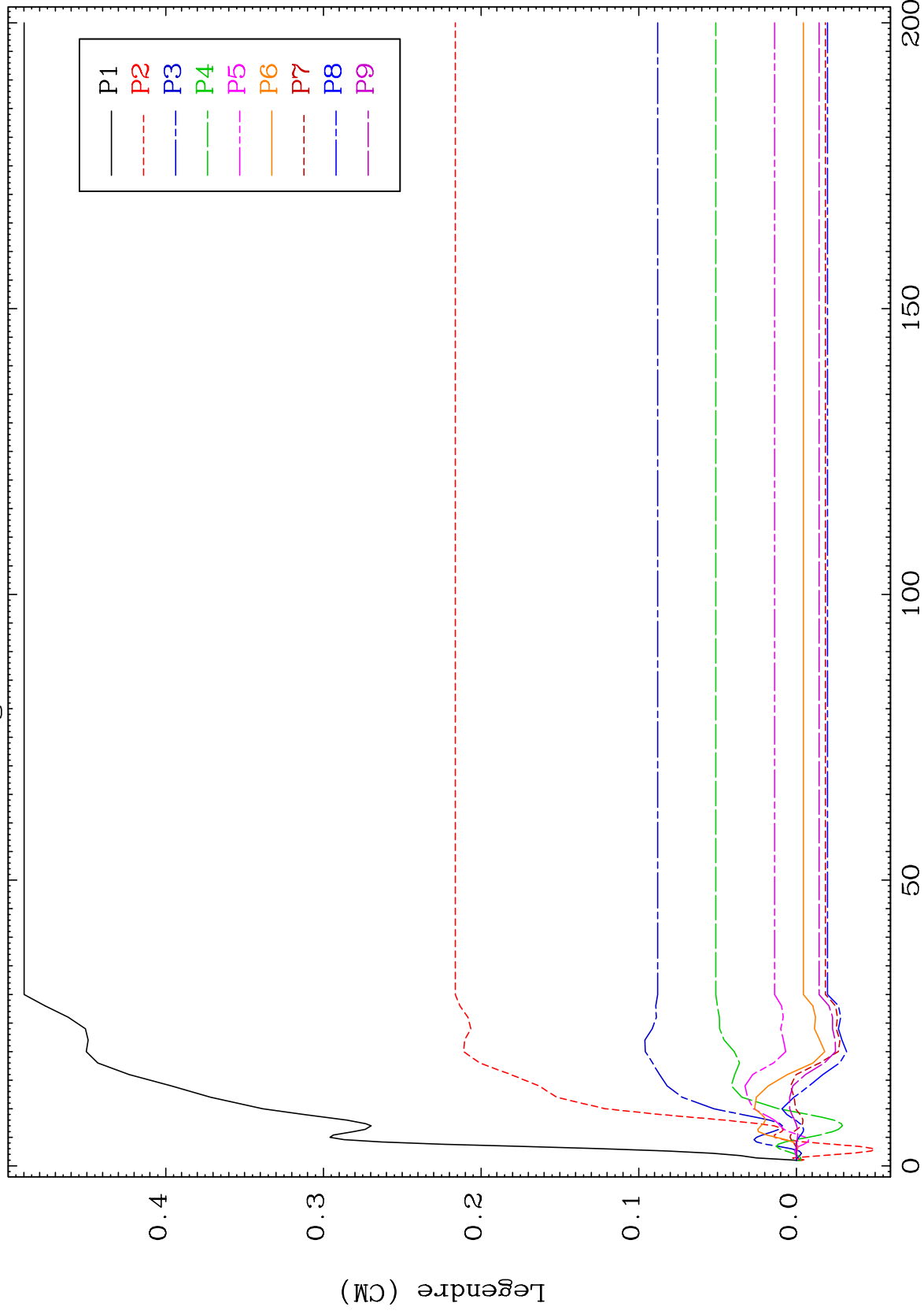
72-Hf-160



MAT 7183

MT= 52 (n,n') Level
Legendre Coefficients

72-Hf-160



24

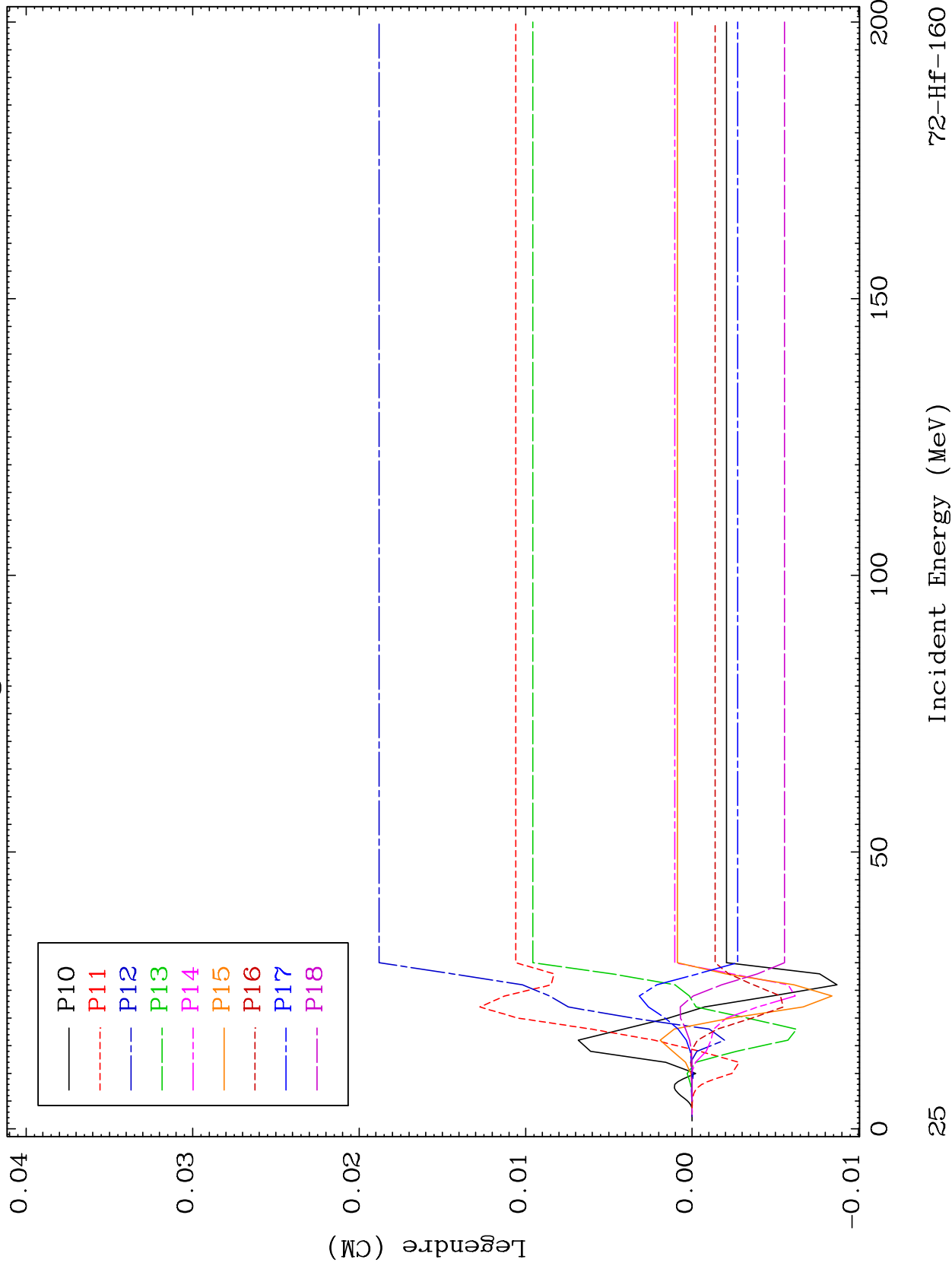
Incident Energy (MeV)

72-Hf-160

MAT 7183

MT= 52 (n,n') Level
Legendre Coefficients

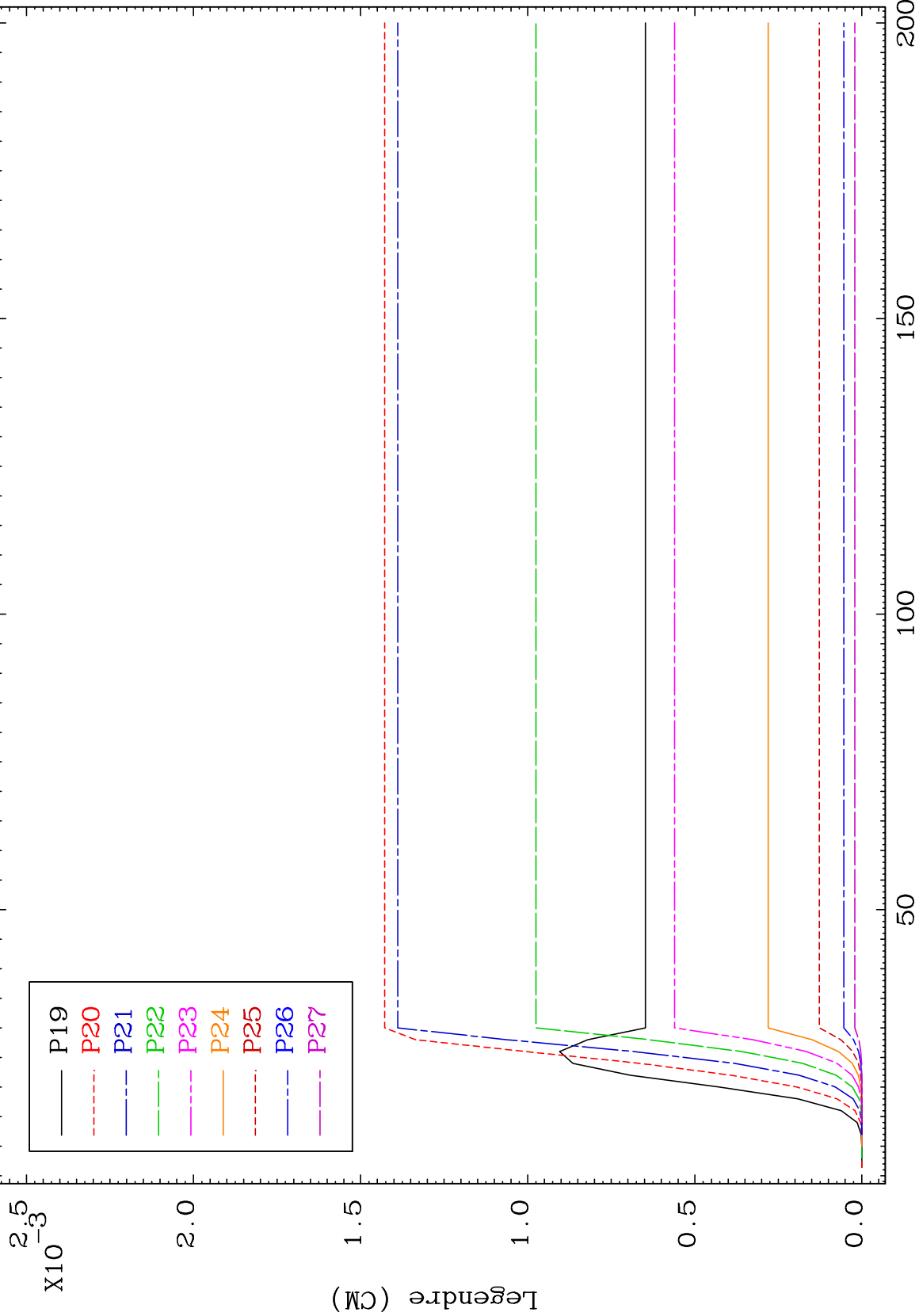
72-Hf-160



72-Hf-160

Incident Energy (MeV)

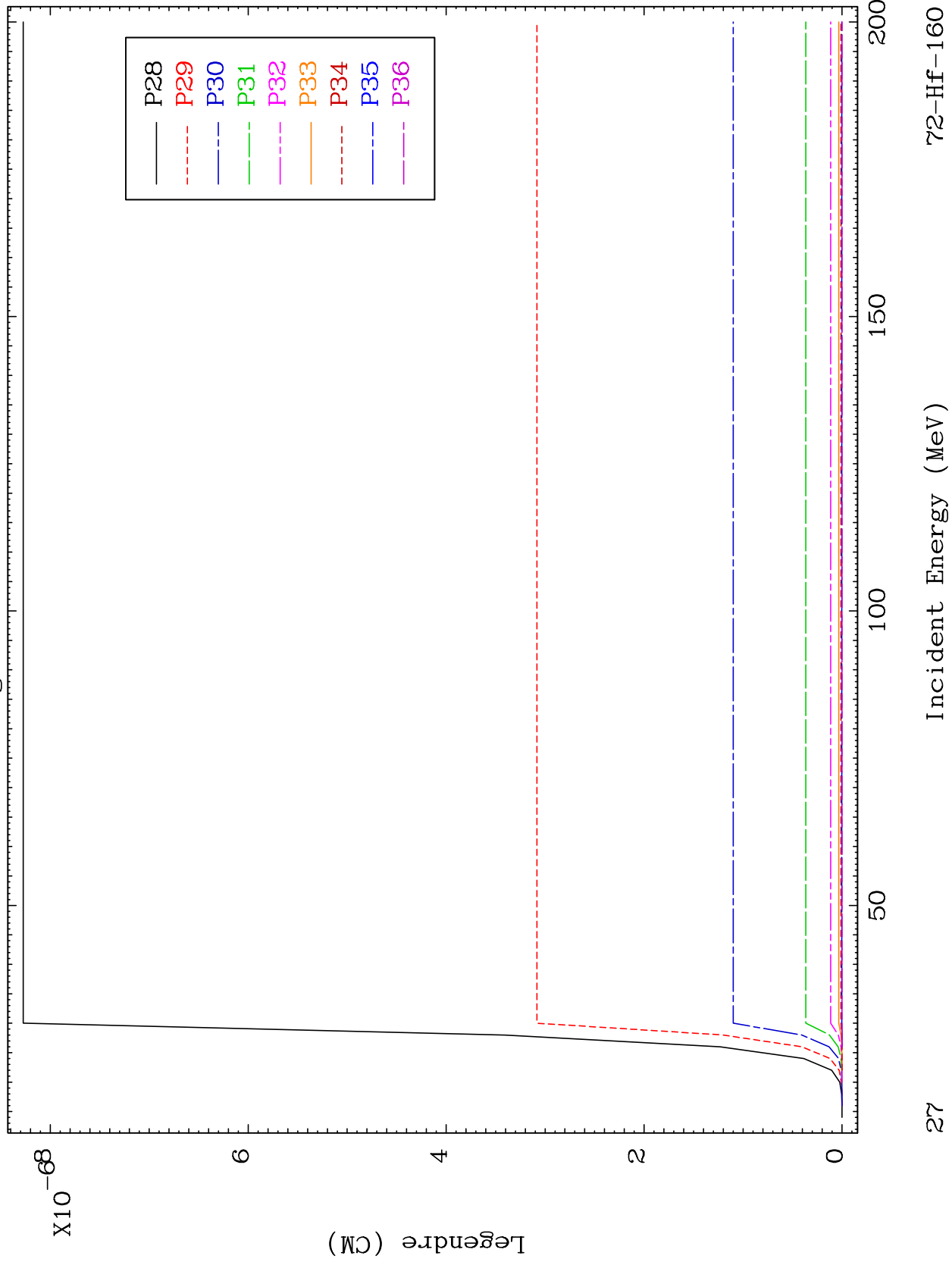
25



MAT 7183

MT= 52 (n,n') Level
Legendre Coefficients

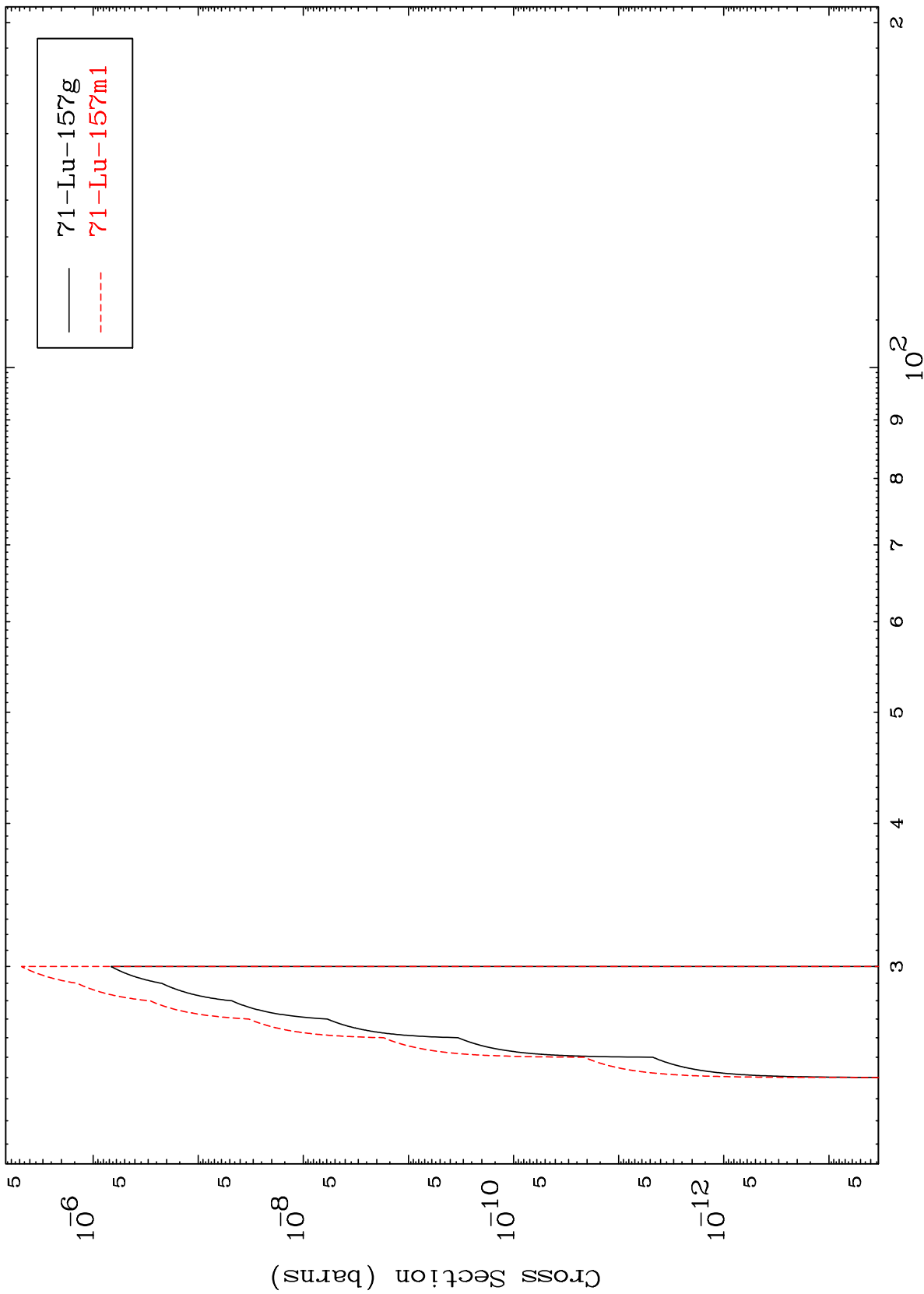
72-Hf-160

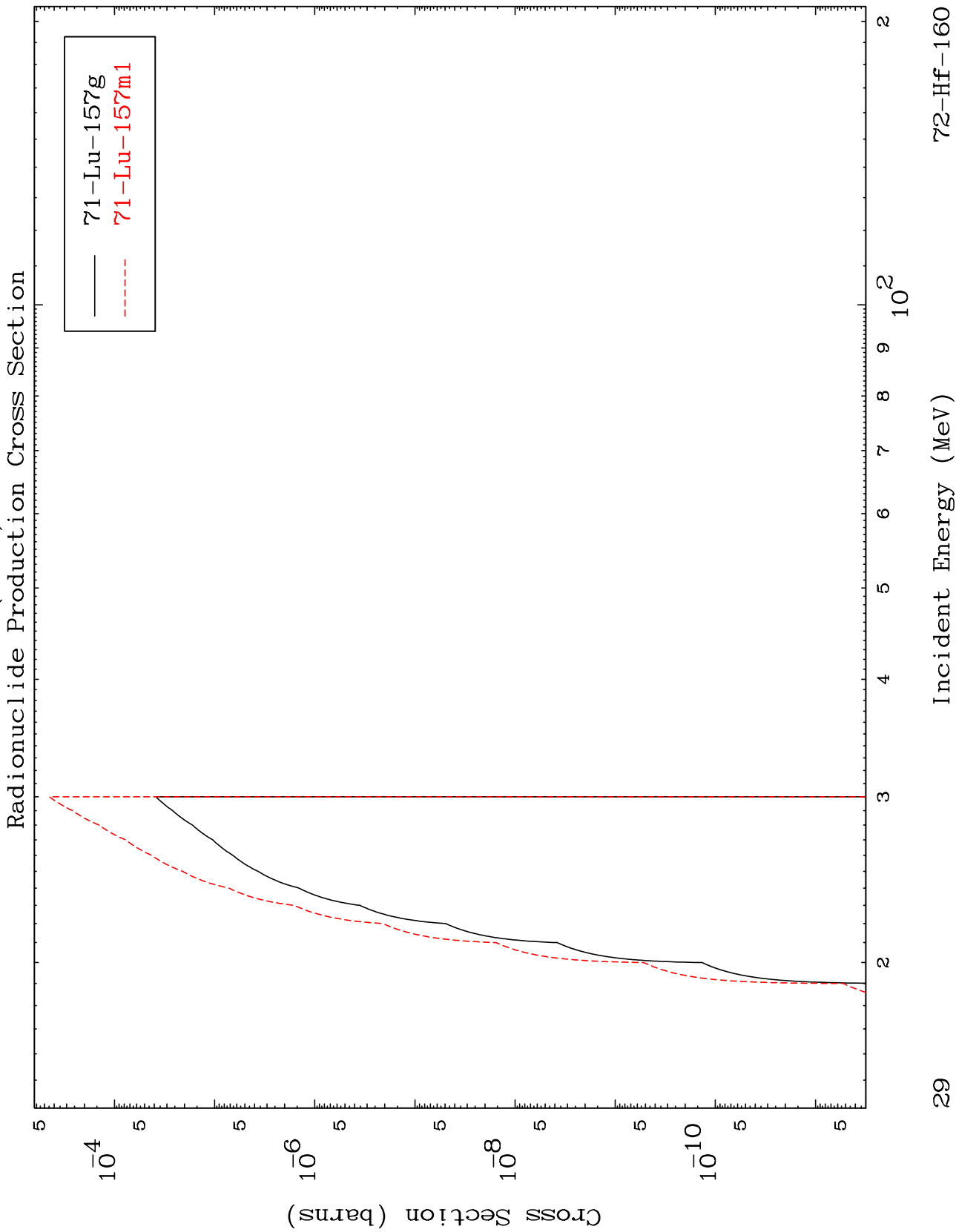


27

72-Hf-160

Radionuclide Production Cross Section

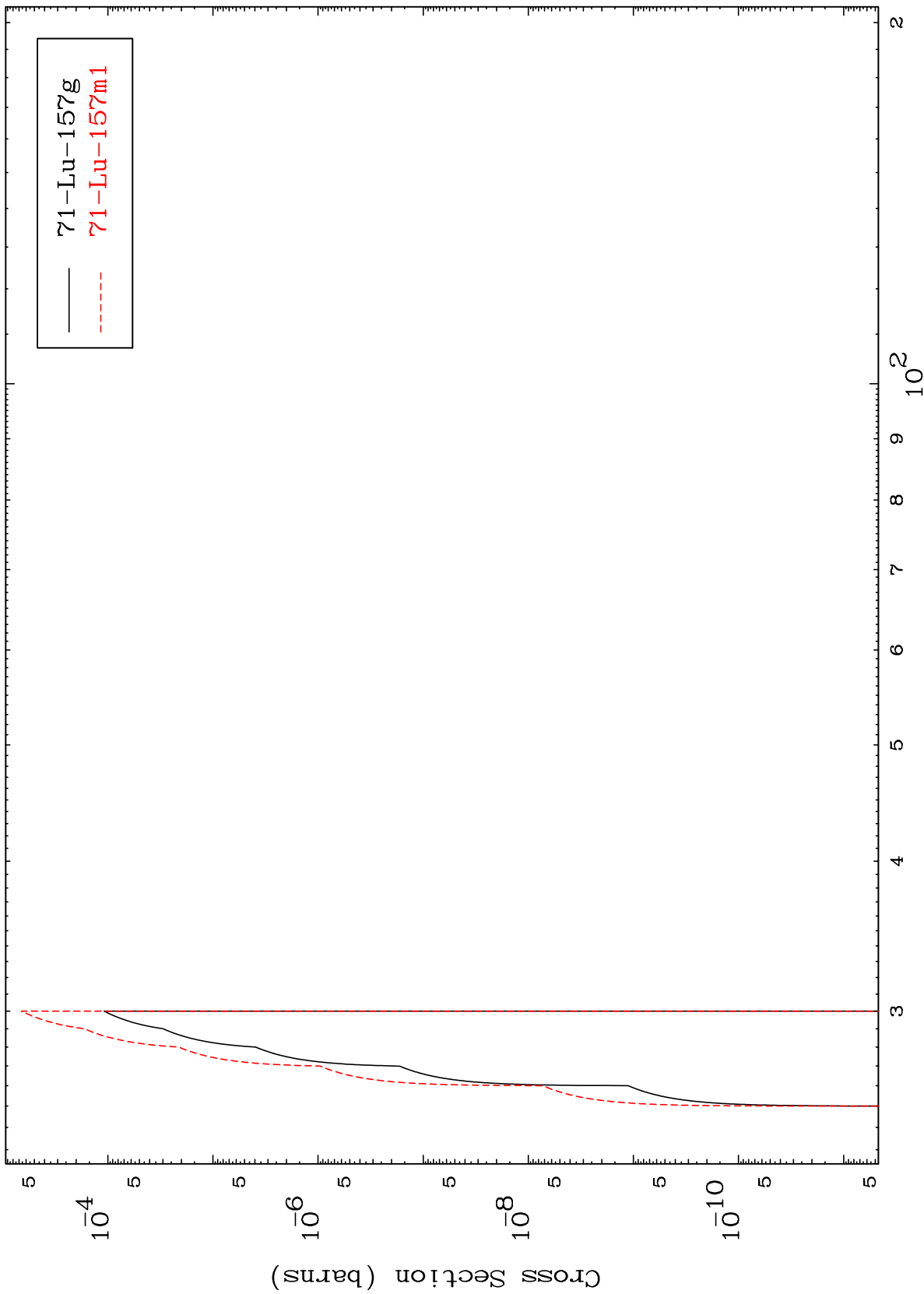




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72-Hf-160

(n,3n) p
Radionuclide Production Cross Section



71-Lu-157g
71-Lu-157m1

72-Hf-160

Incident Energy (MeV)

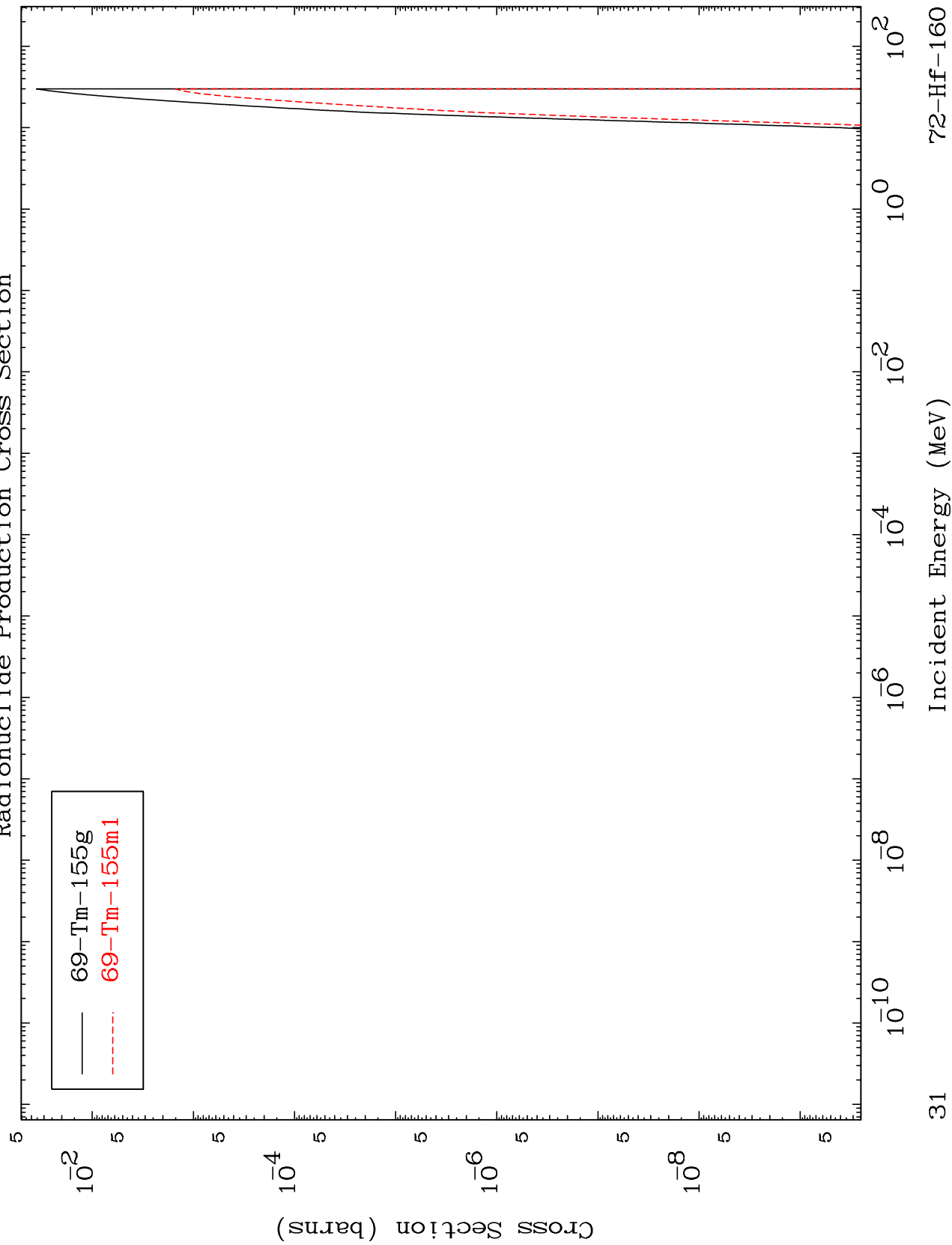
30

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(n,n') p α

72-Hf-160

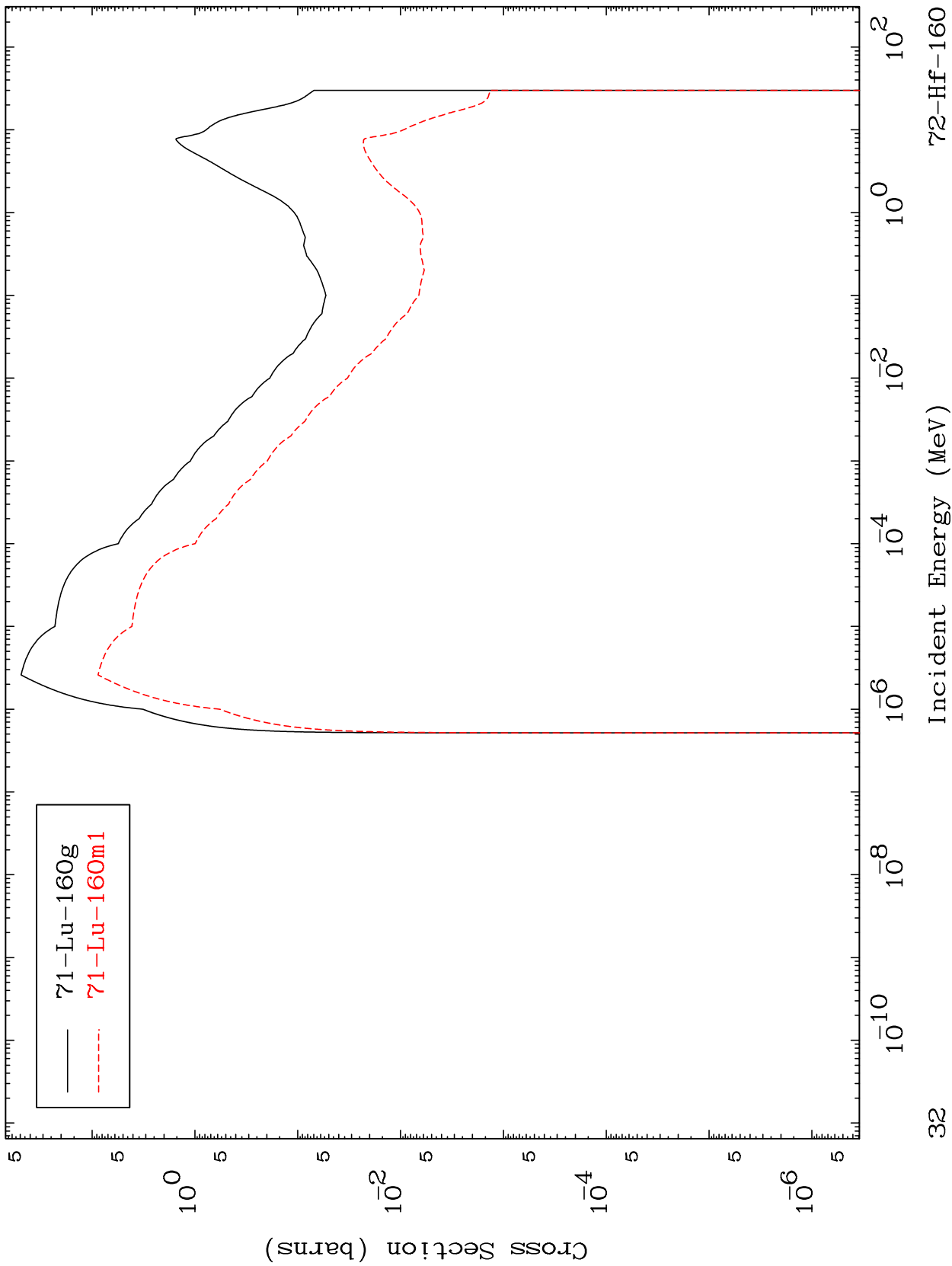
Radionuclide Production Cross Section



MAT 7183

72-Hf-160

(n,p)
Radionuclide Production Cross Section

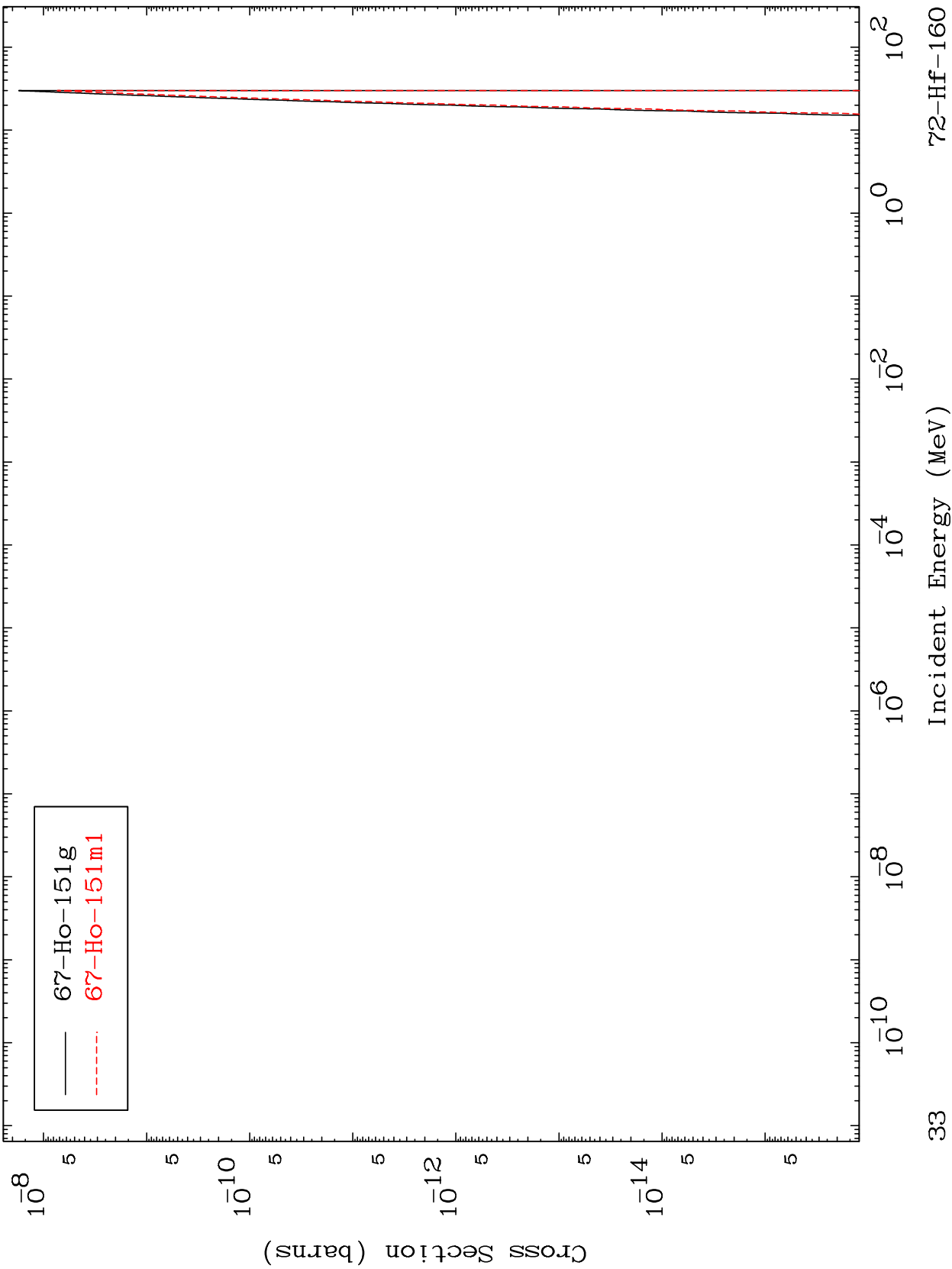


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(n,d) 2 α

72-Hf-160

Radionuclide Production Cross Section



67-Ho-151g
67-Ho-151m1

MAT 7183

(n,d) α

72-Hf-160

