

Program EVALPLOT
(Version 2021-1)

by

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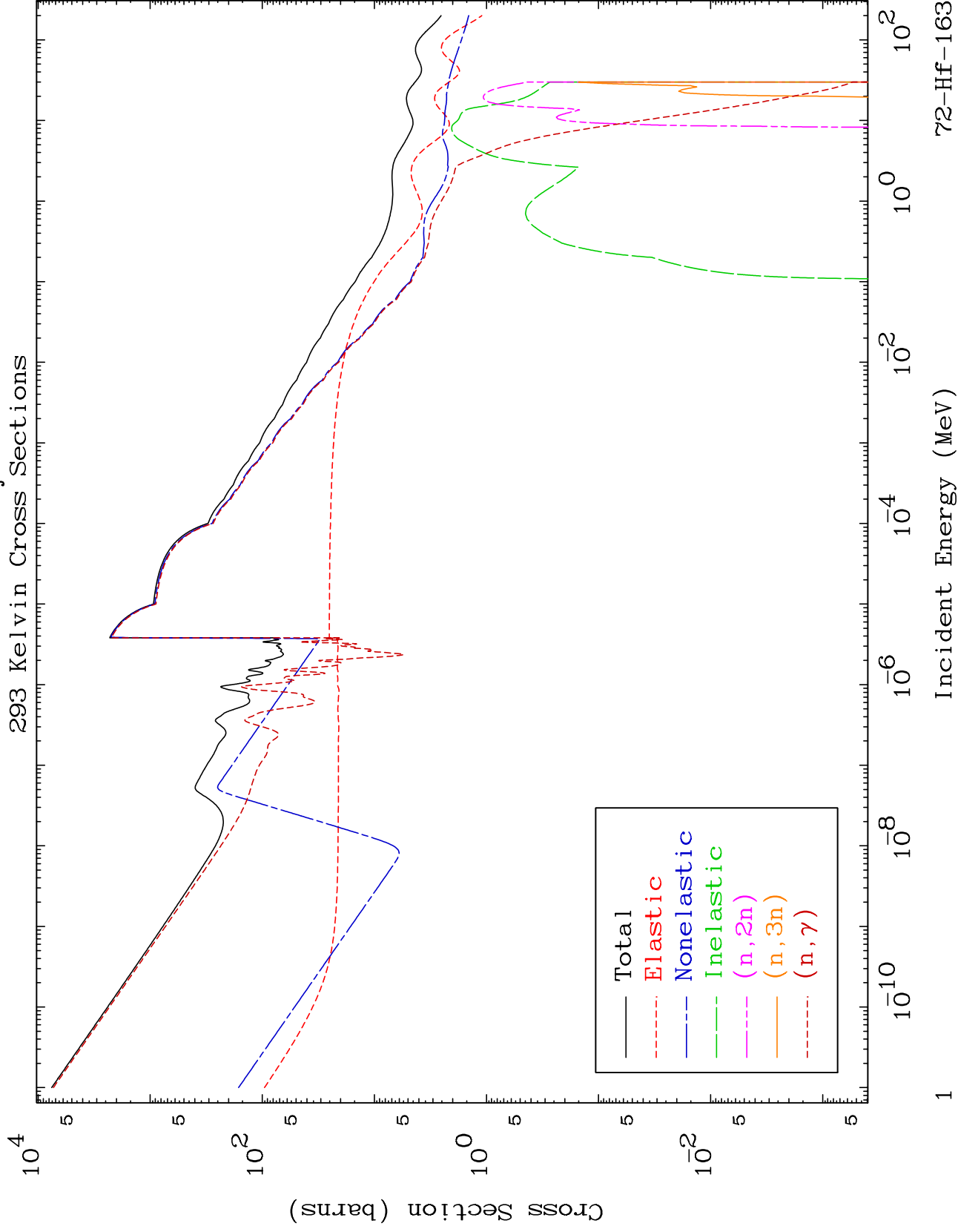
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7192

Neutron Major
293 Kelvin Cross Sections

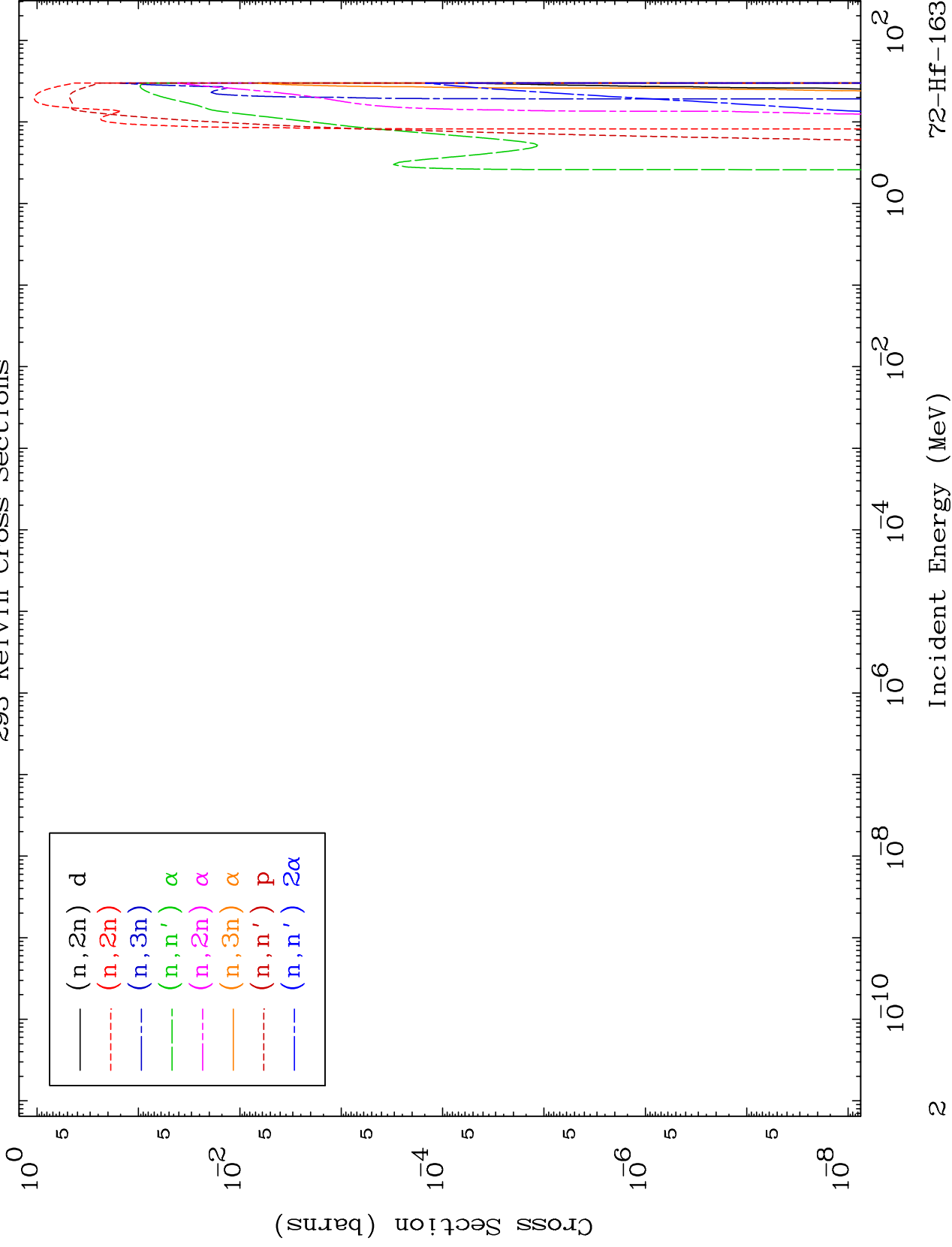
72-Hf-163

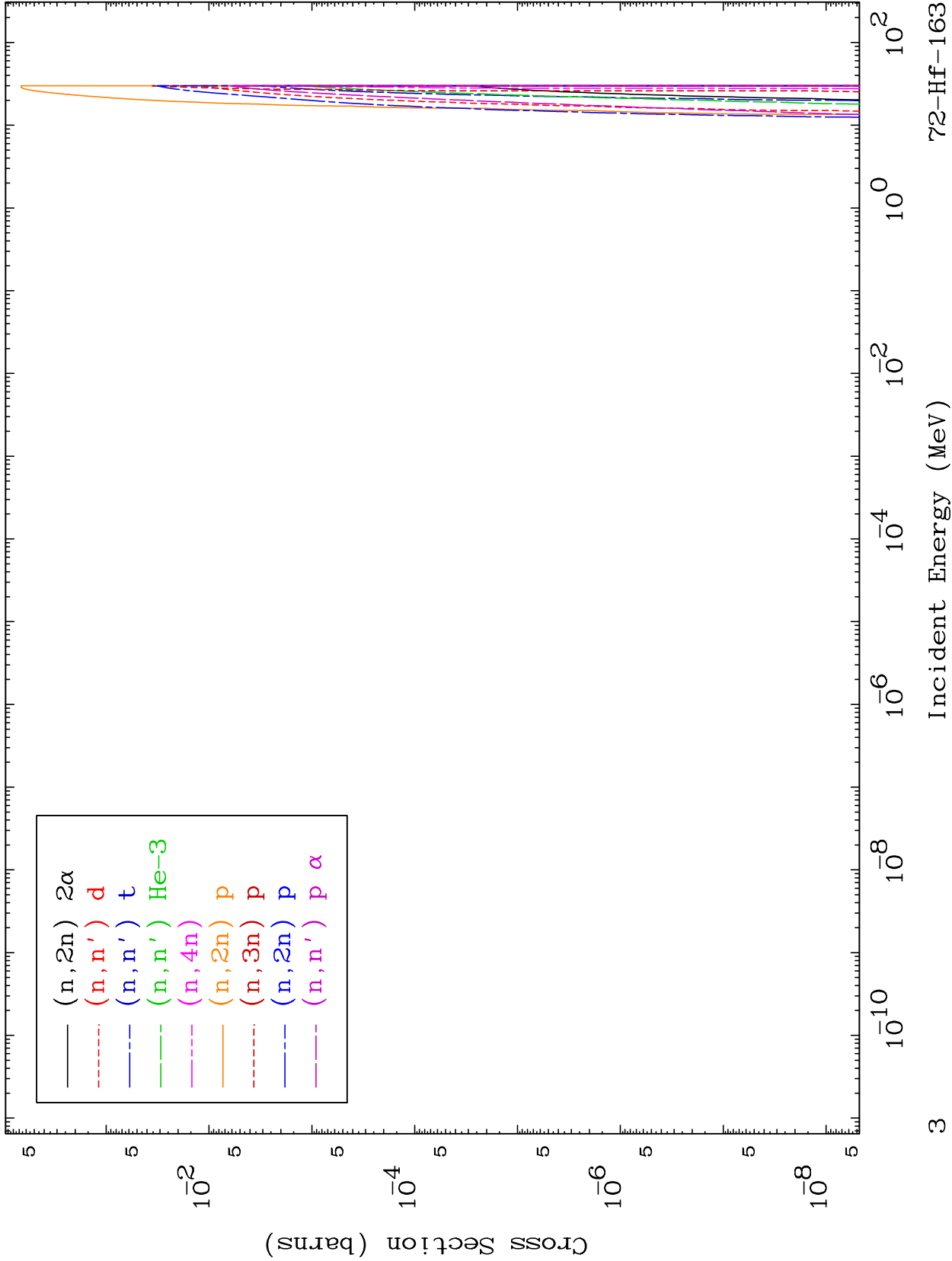


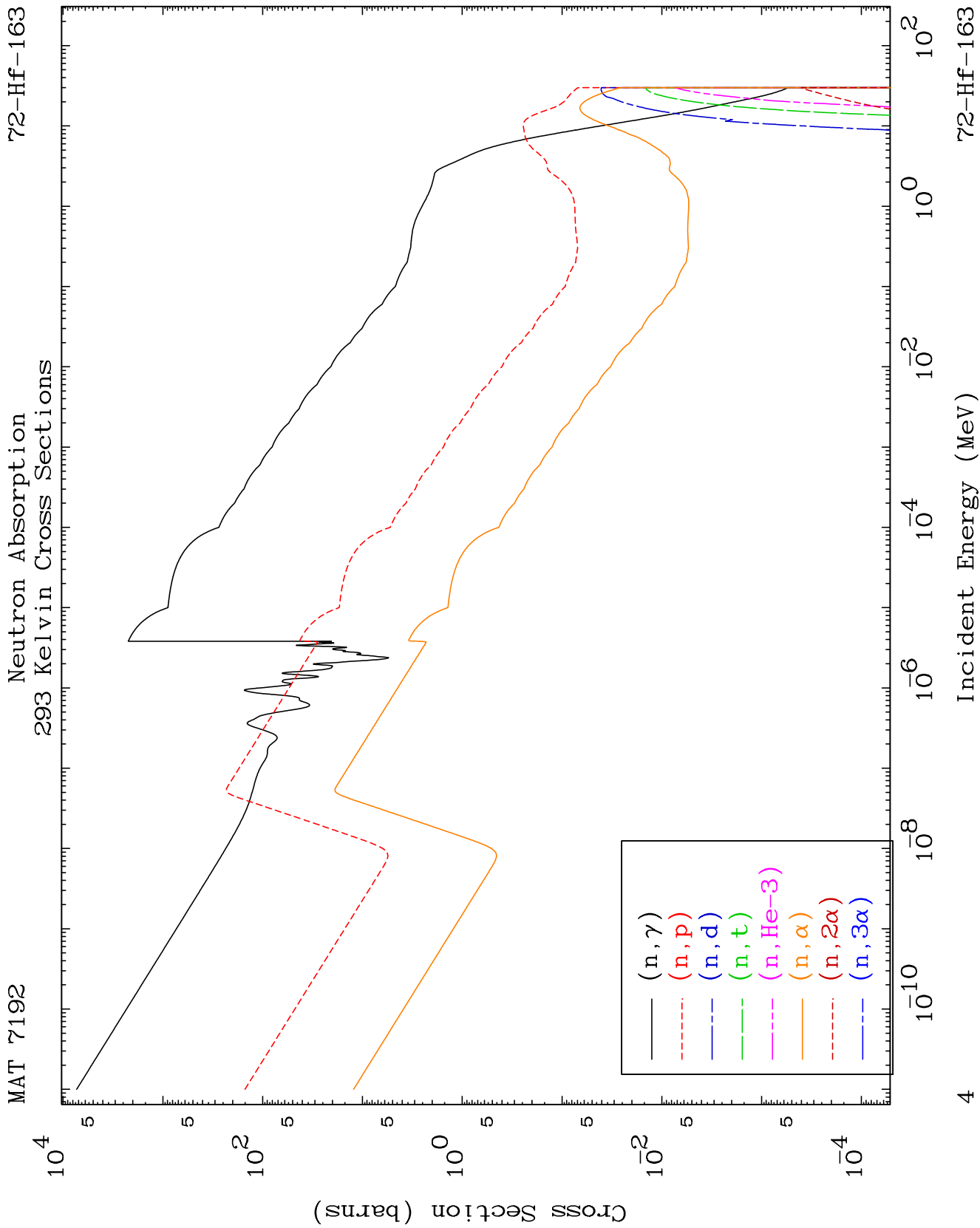
MAT 7192

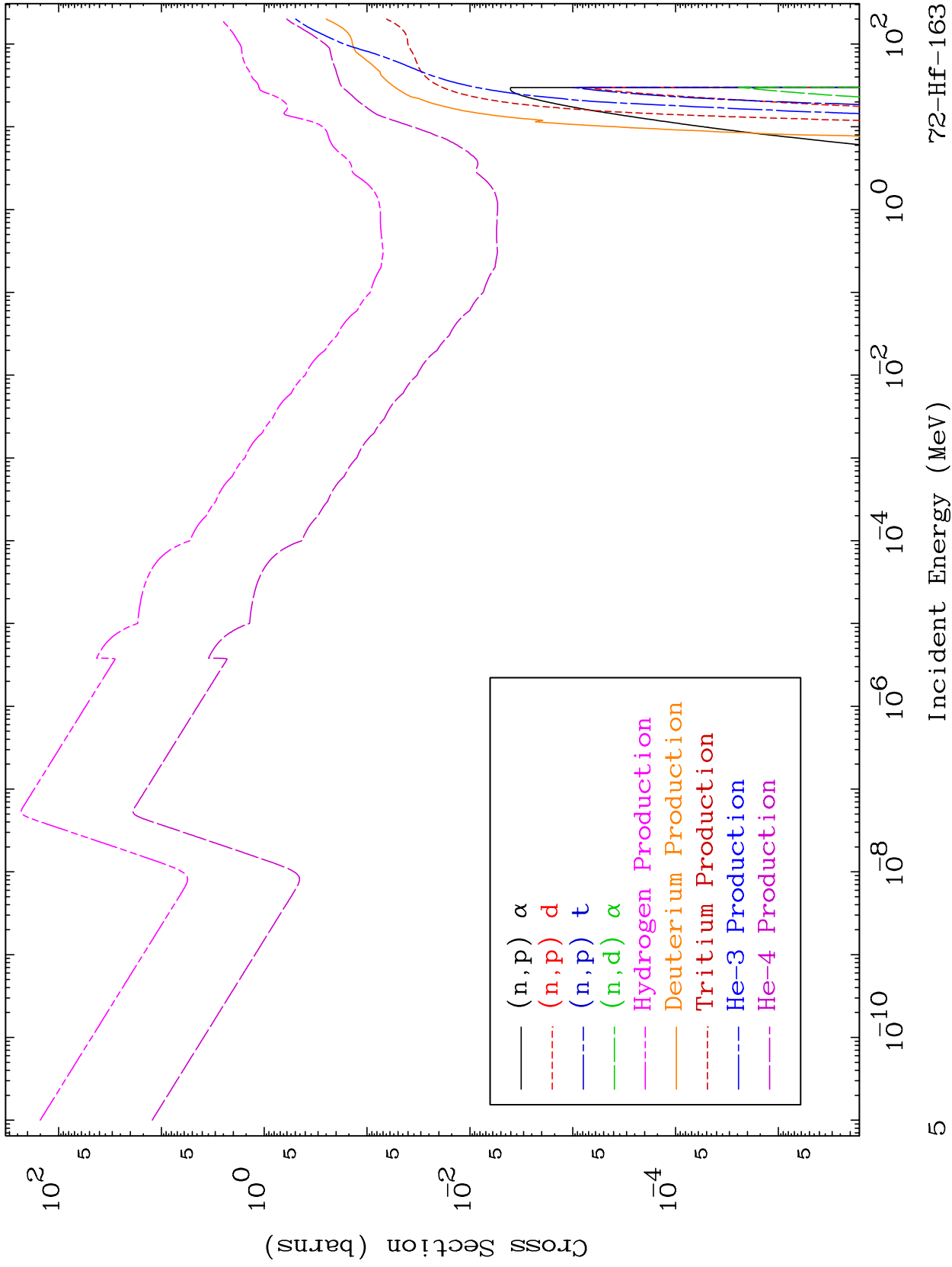
Neutron Absorption
293 Kelvin Cross Sections

72-Hf-163





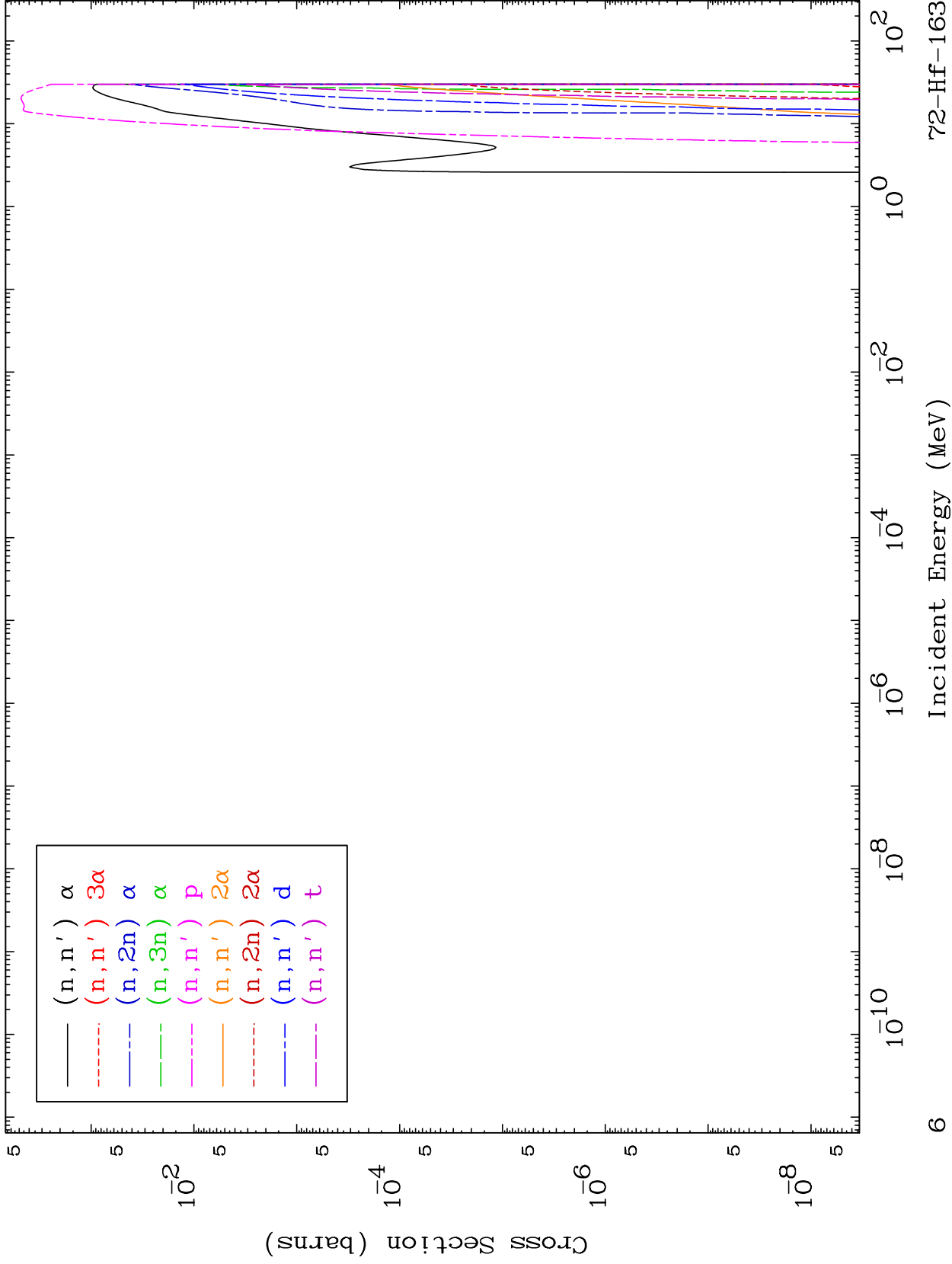


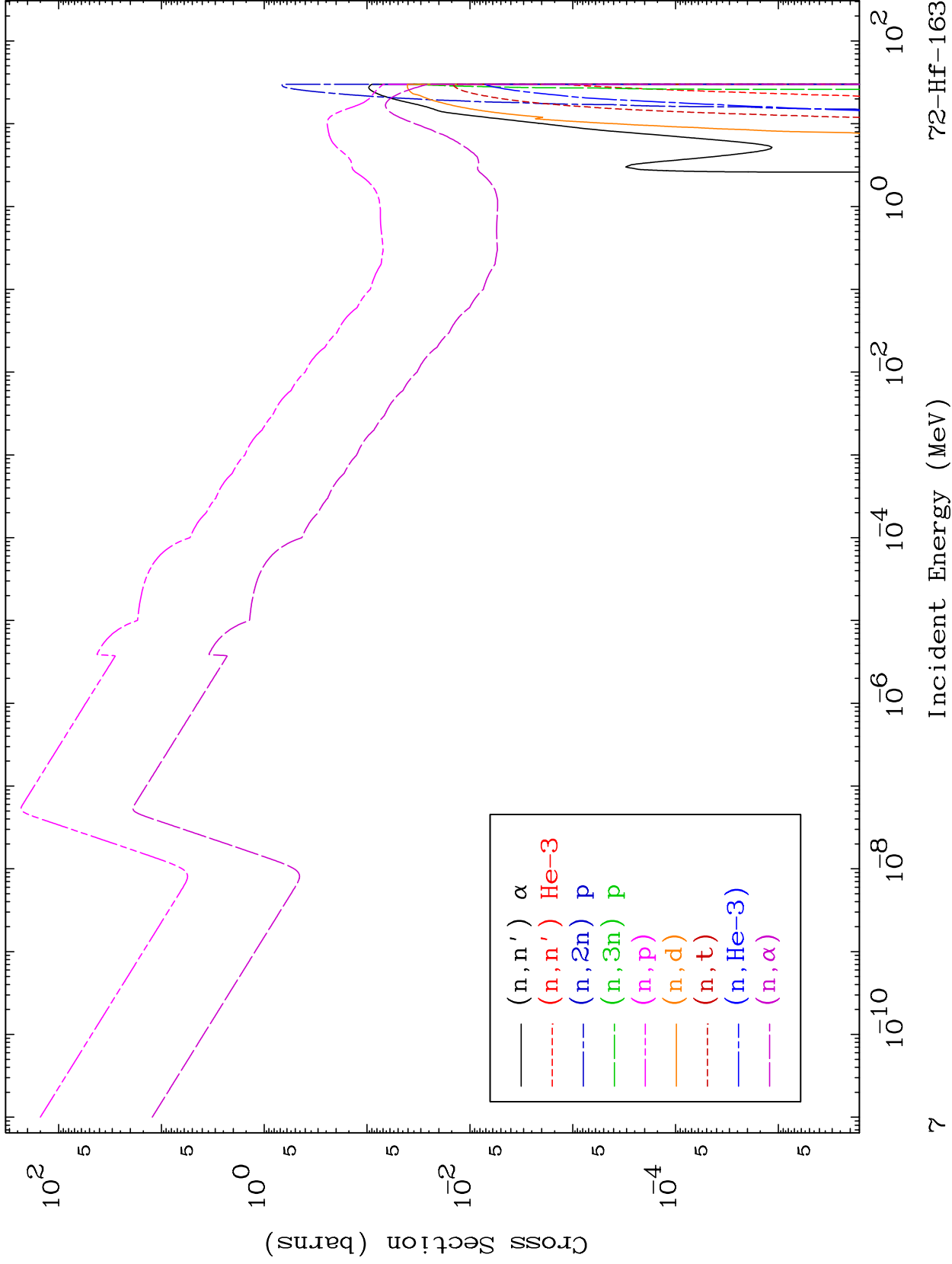


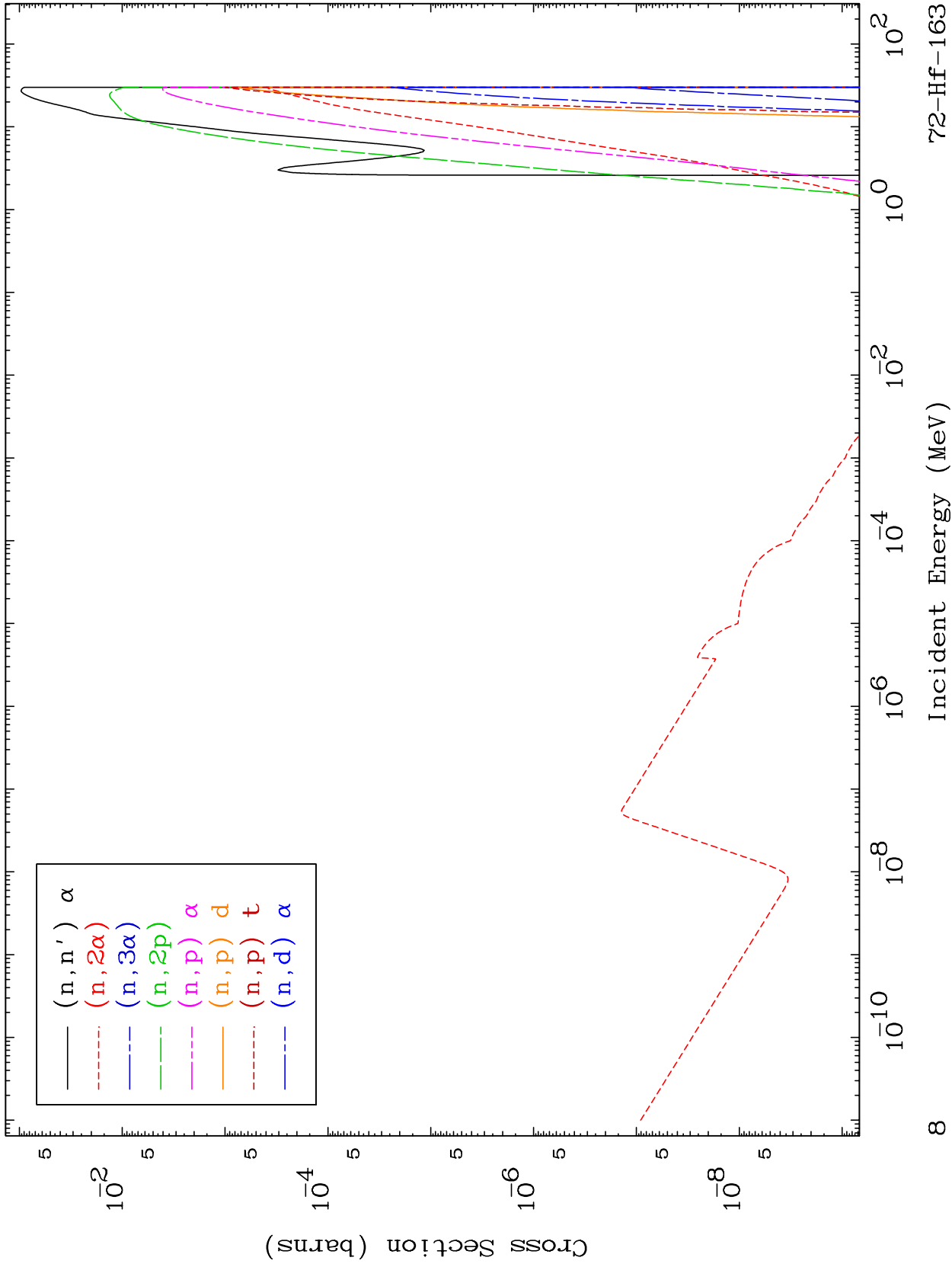
MAT 7192

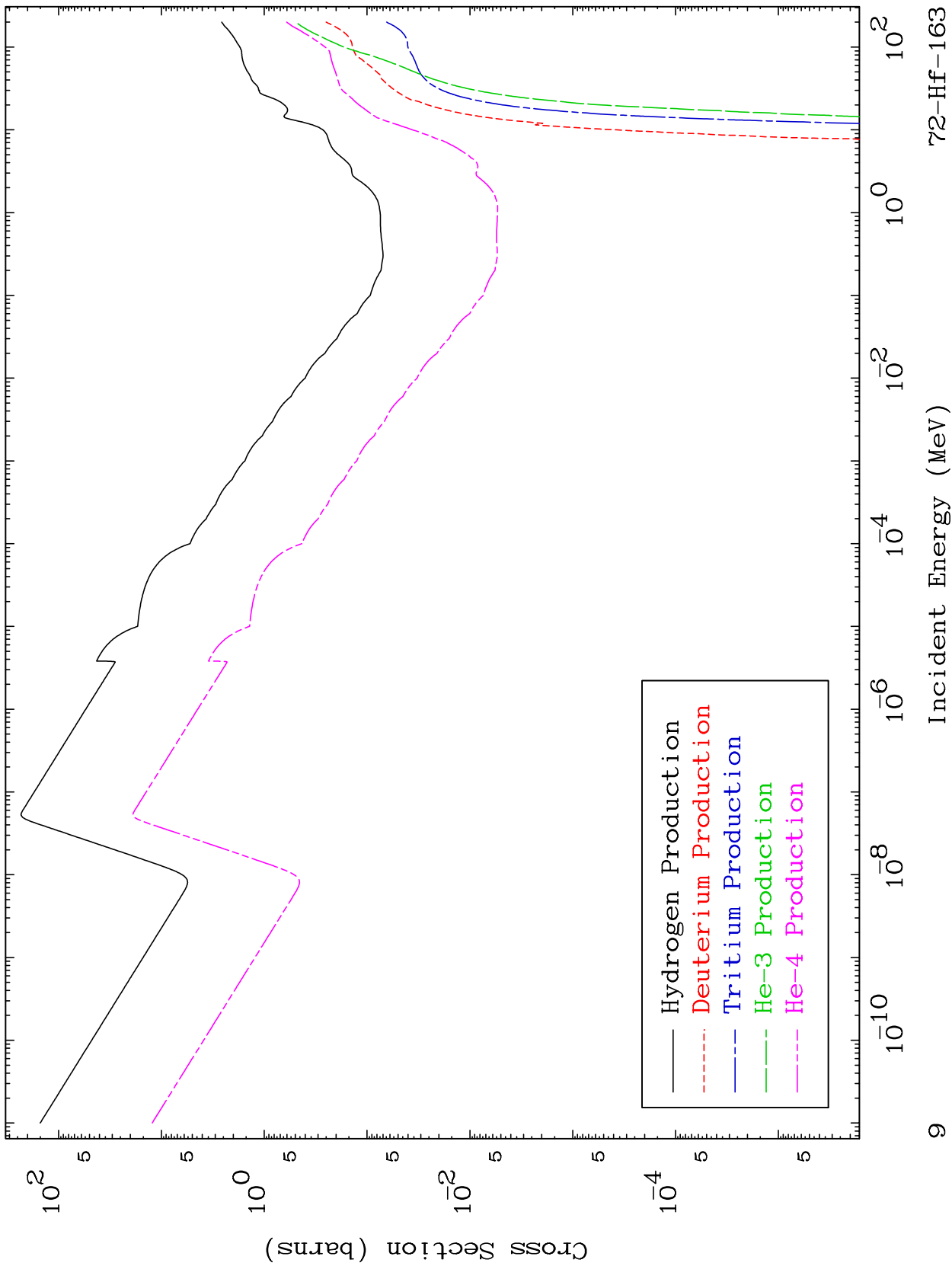
Charged Particle
293 Kelvin Cross Sections

72-Hf-163





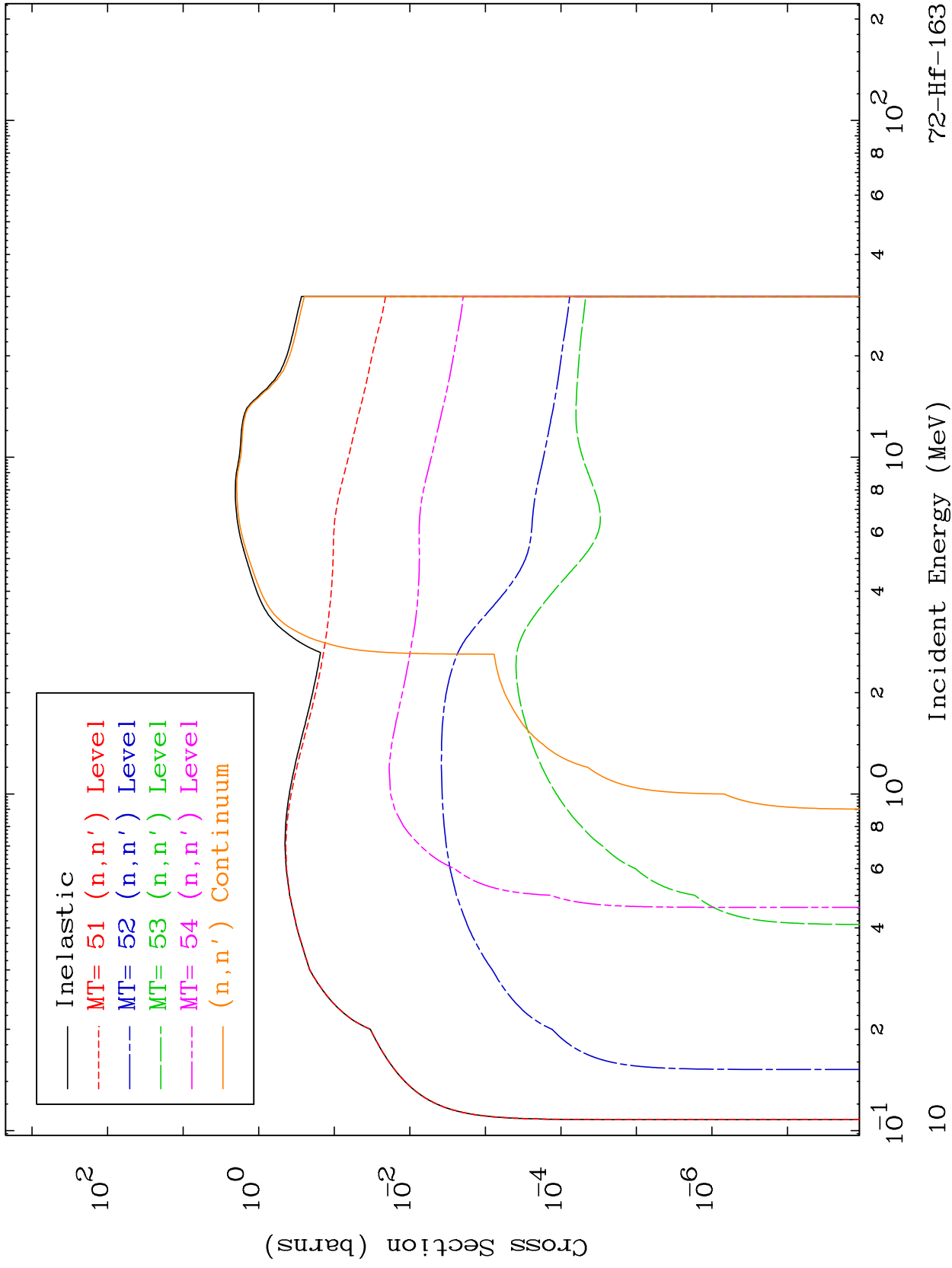




MAT 7192

293 Kelvin Cross Sections
(n,n') Levels

72-Hf-163



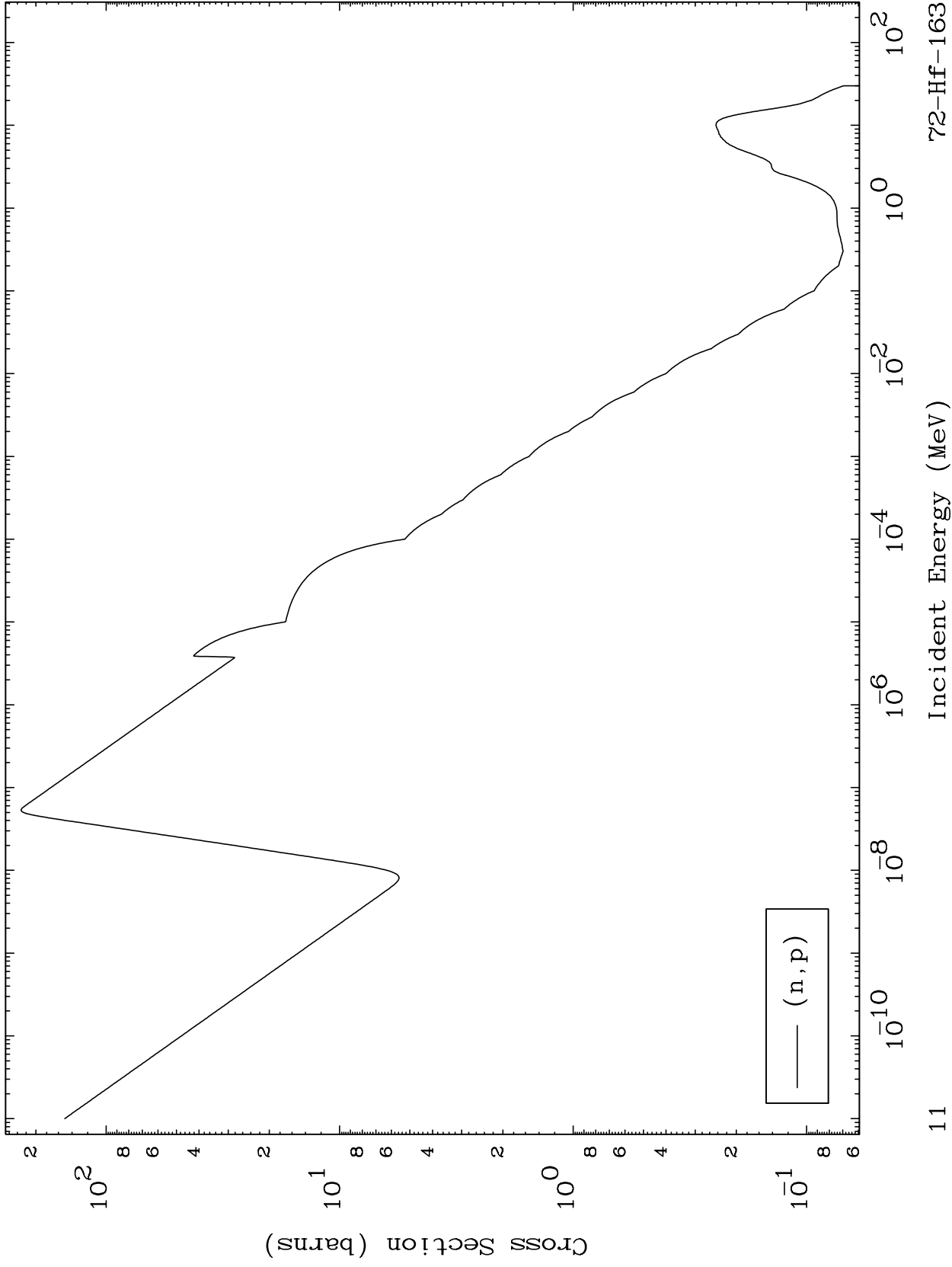
Incident Energy (MeV)

72-Hf-163

MAT 7192

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-163

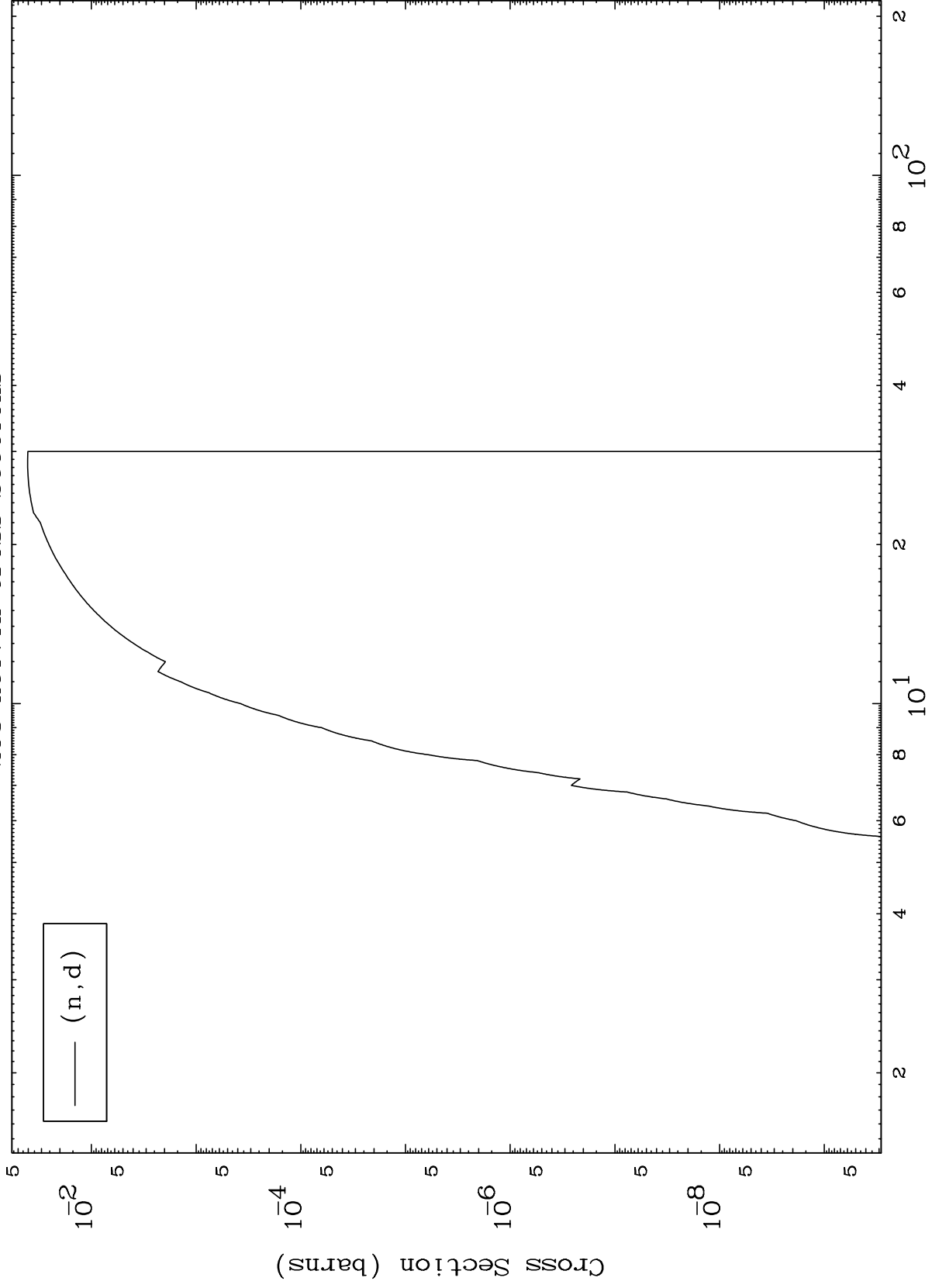


72-Hf-163

MAT 7192

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-163



12

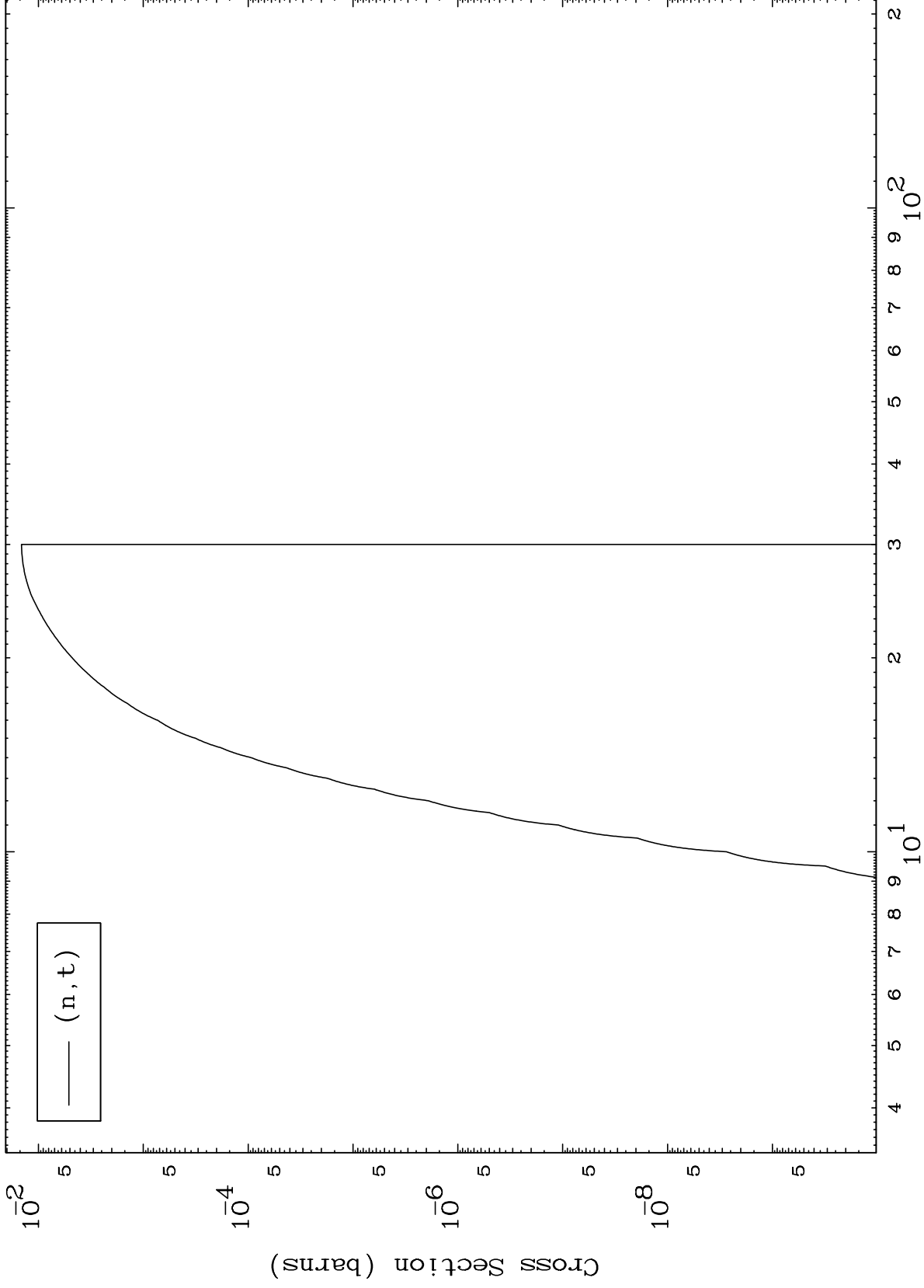
Incident Energy (MeV)

72-Hf-163

MAT 7192

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-163



13

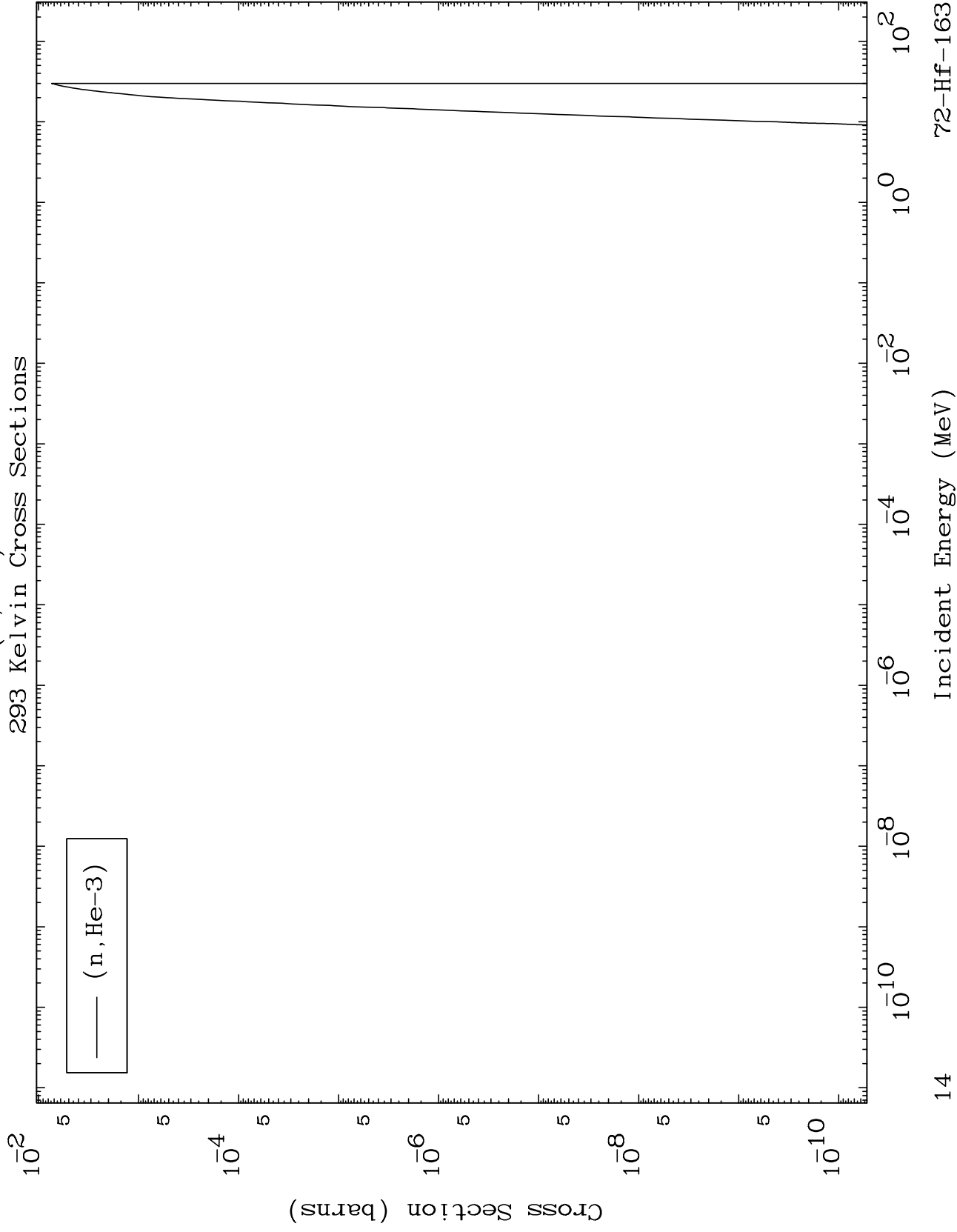
Incident Energy (MeV)

72-Hf-163

MAT 7192

(n,He3) Levels
293 Kelvin Cross Sections

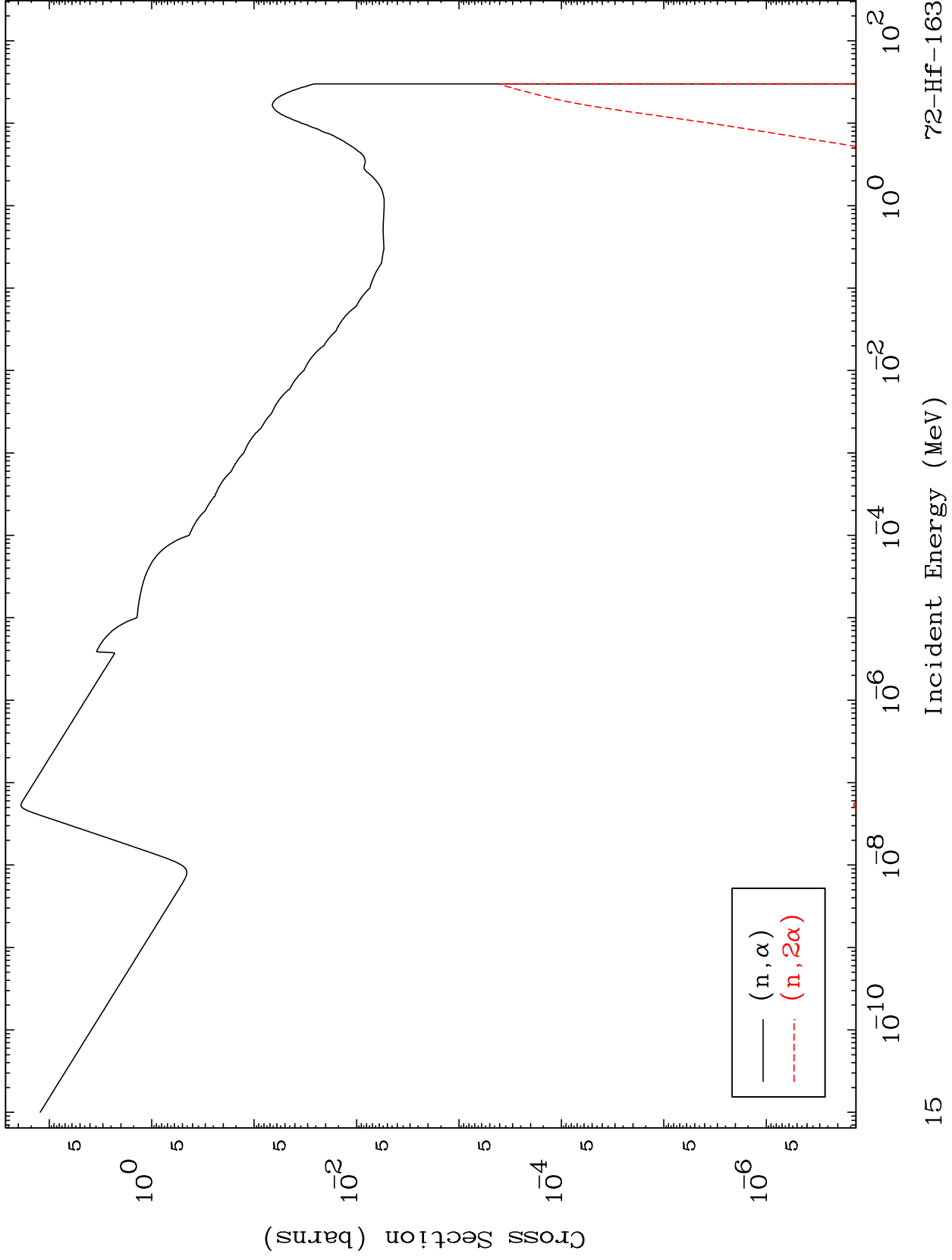
72-Hf-163



MAT 7192

(n,α) Levels
293 Kelvin Cross Sections

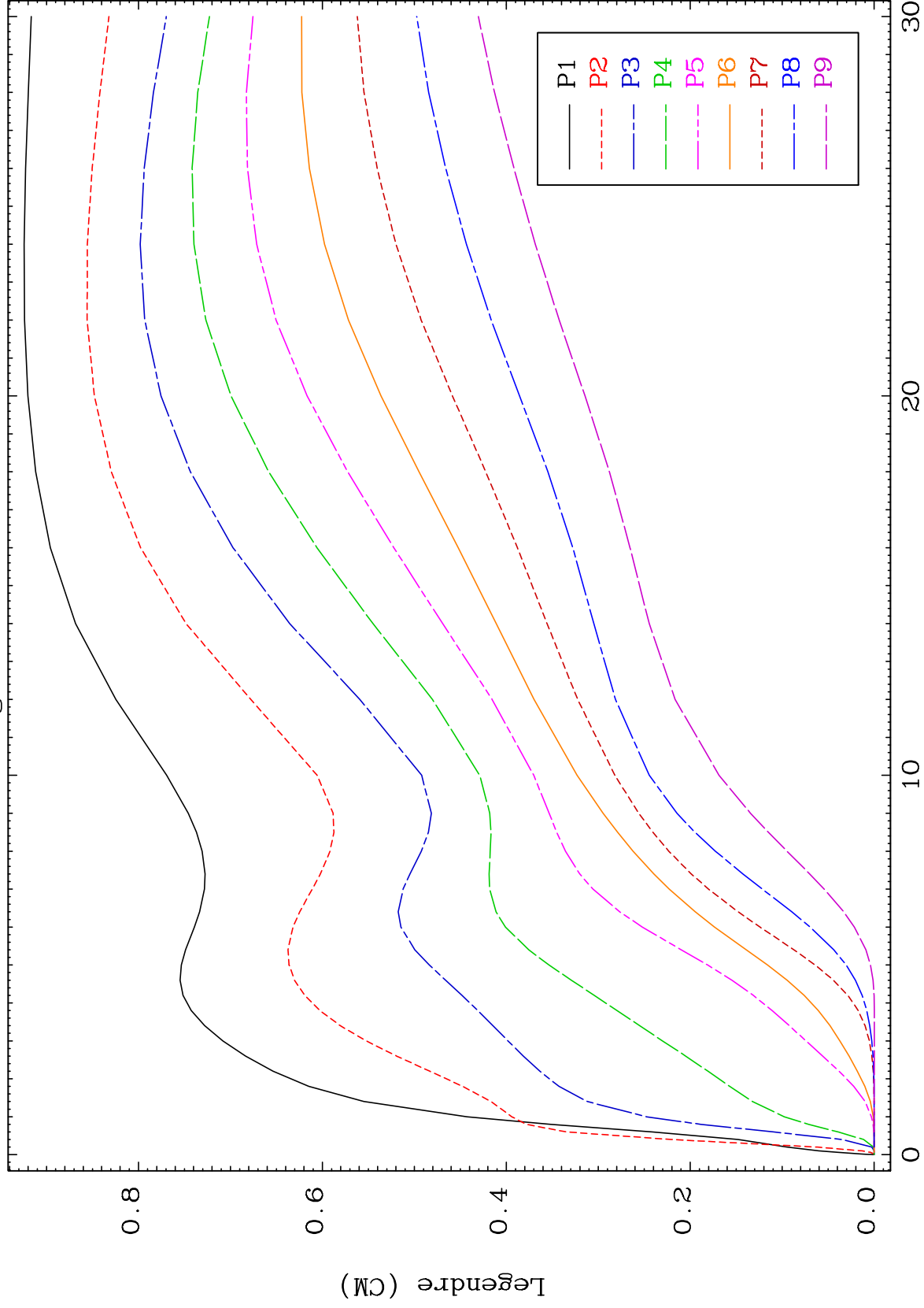
72-Hf-163



MAT 7192

Elastic Legendre Coefficients

72-Hf-163



16

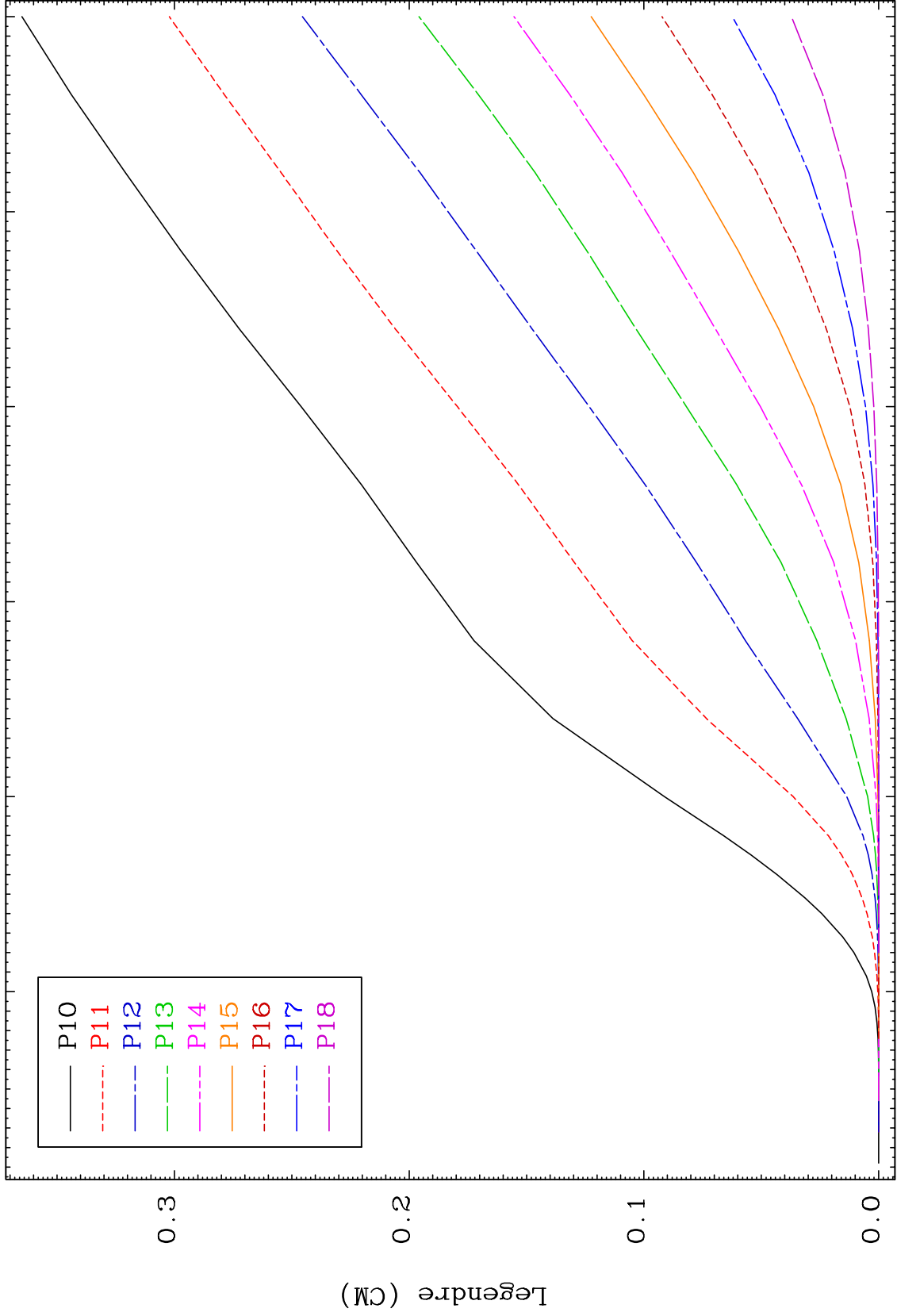
Incident Energy (MeV)

72-Hf-163

MAT 7192

Elastic Legendre Coefficients

72-Hf-163



17

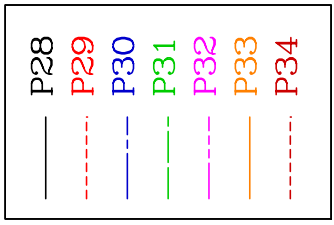
Incident Energy (MeV)

72-Hf-163

MAT 7192

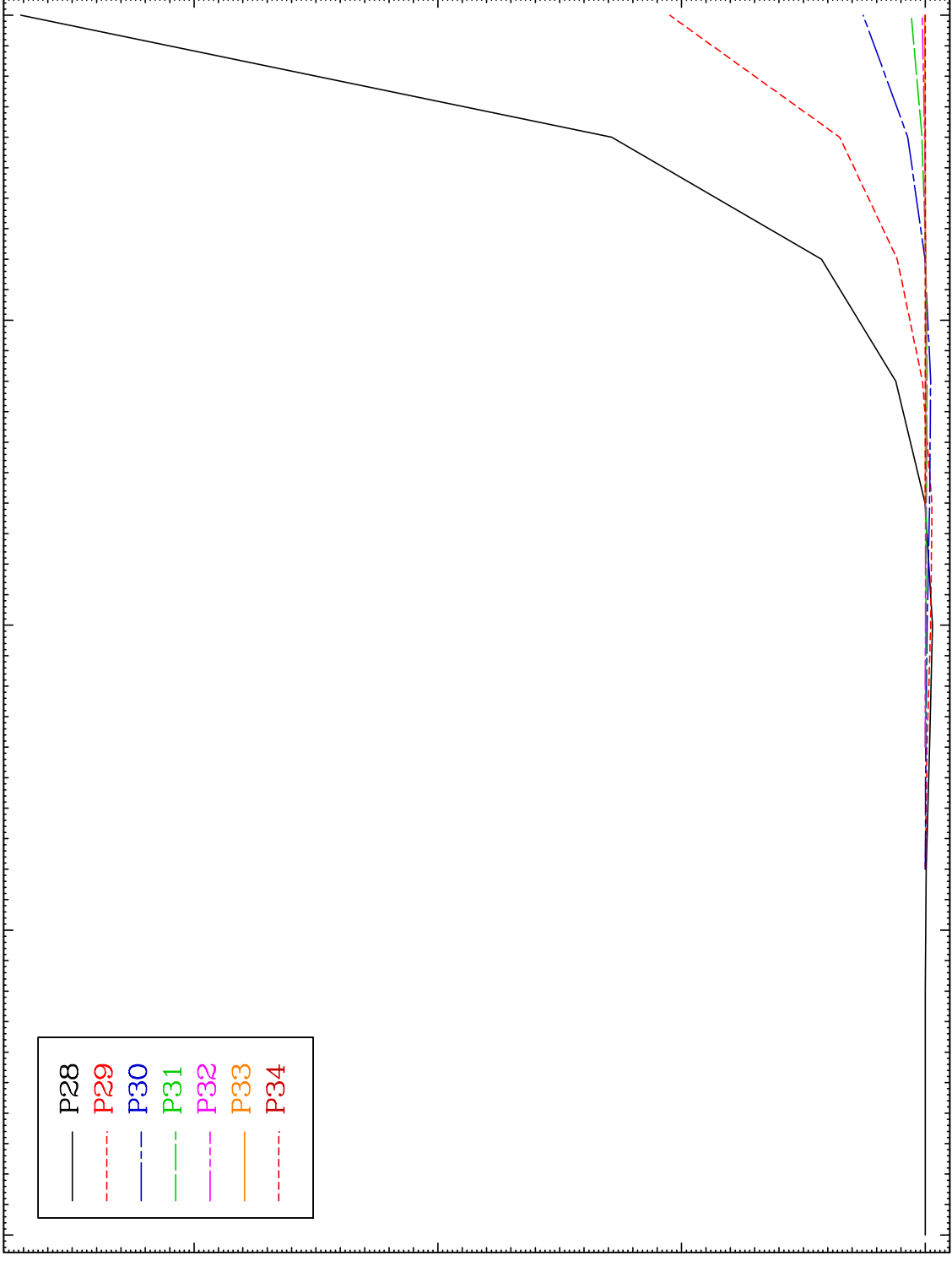
Elastic Legendre Coefficients

72-Hf-163



$\times 10^{-6}$

Legendre (CM)



30

25

20

15

10

Incident Energy (MeV)

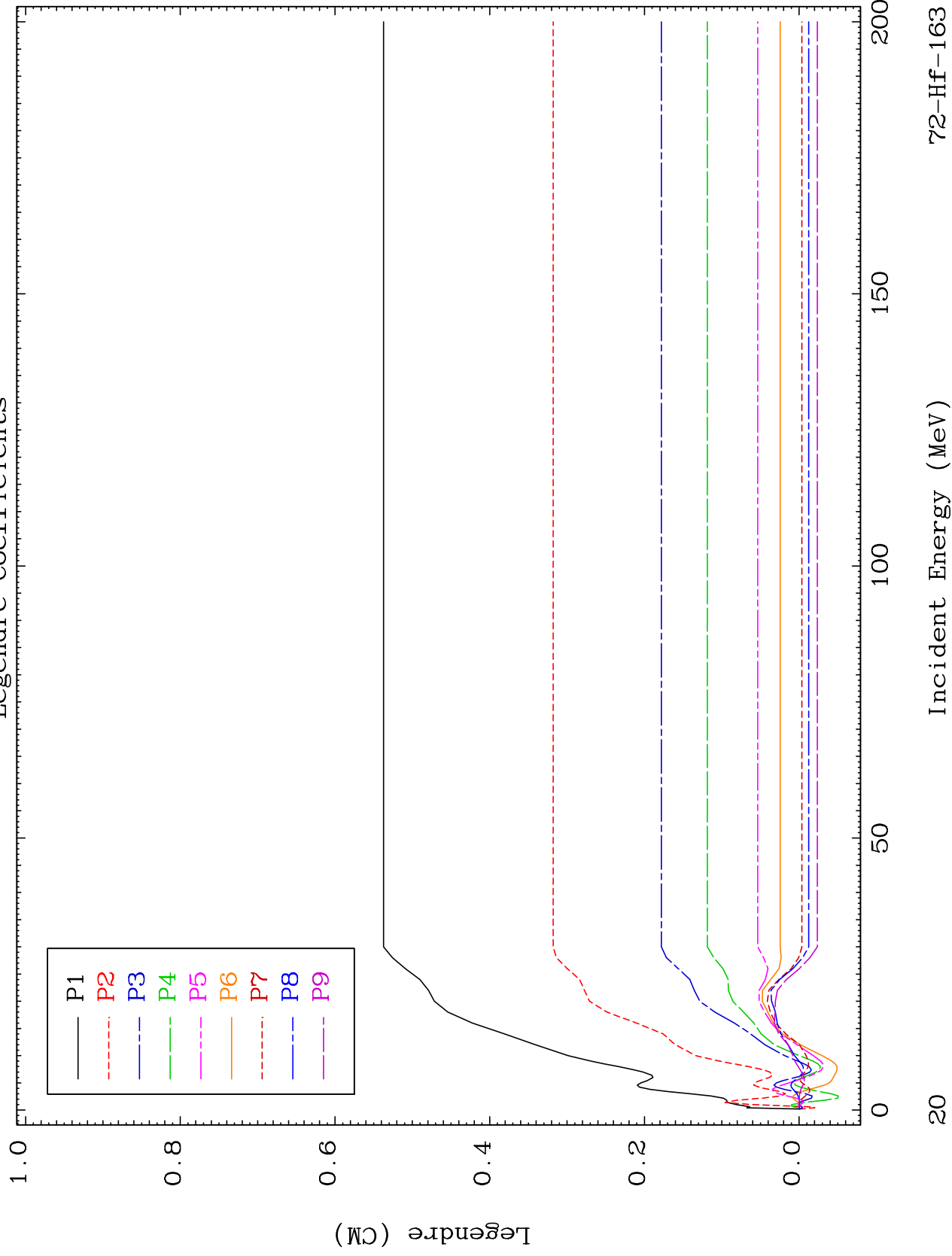
72-Hf-163

19

MAT 7192

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

72-Hf-163



72-Hf-163

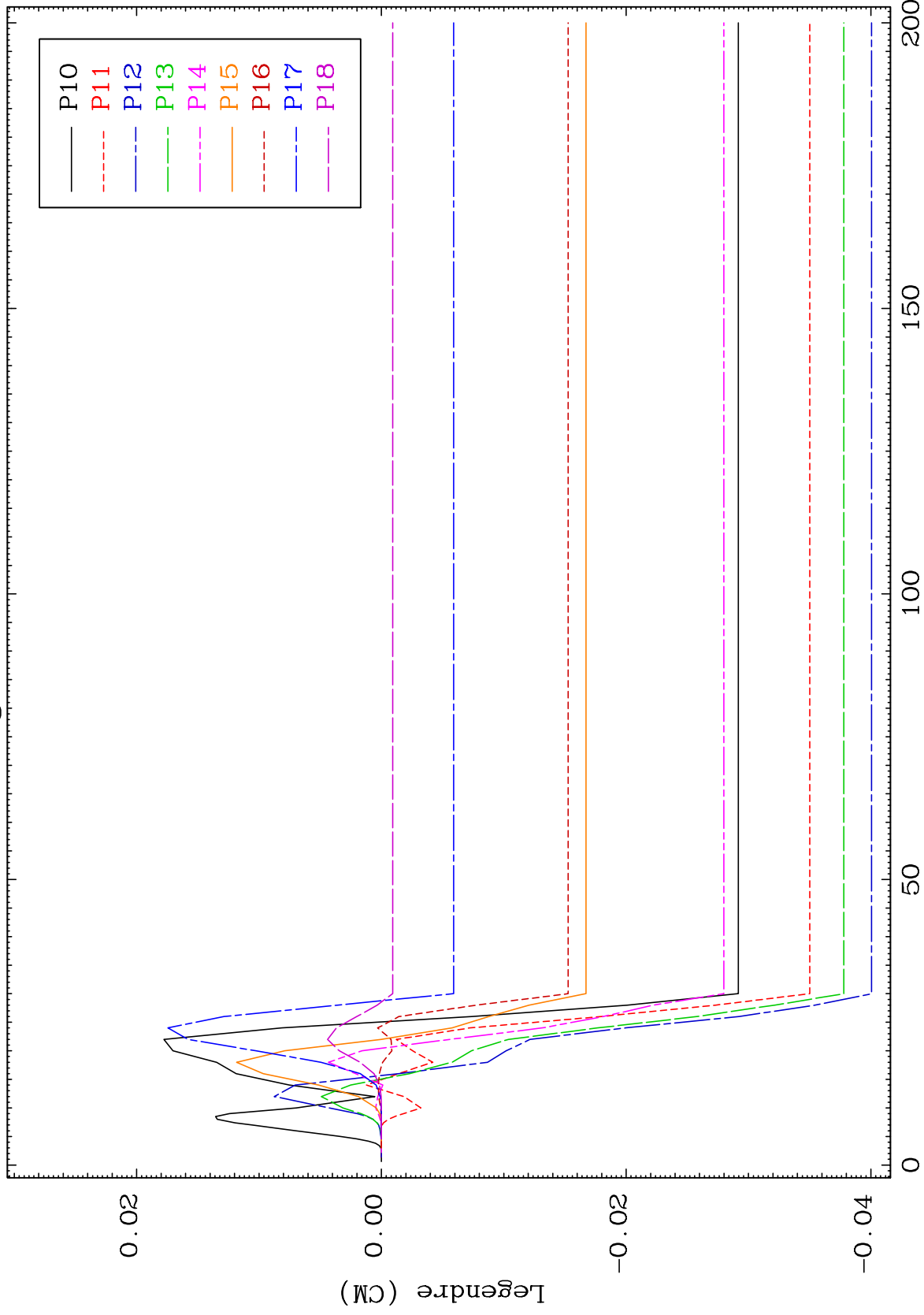
Incident Energy (MeV)

0

MAT 7192

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

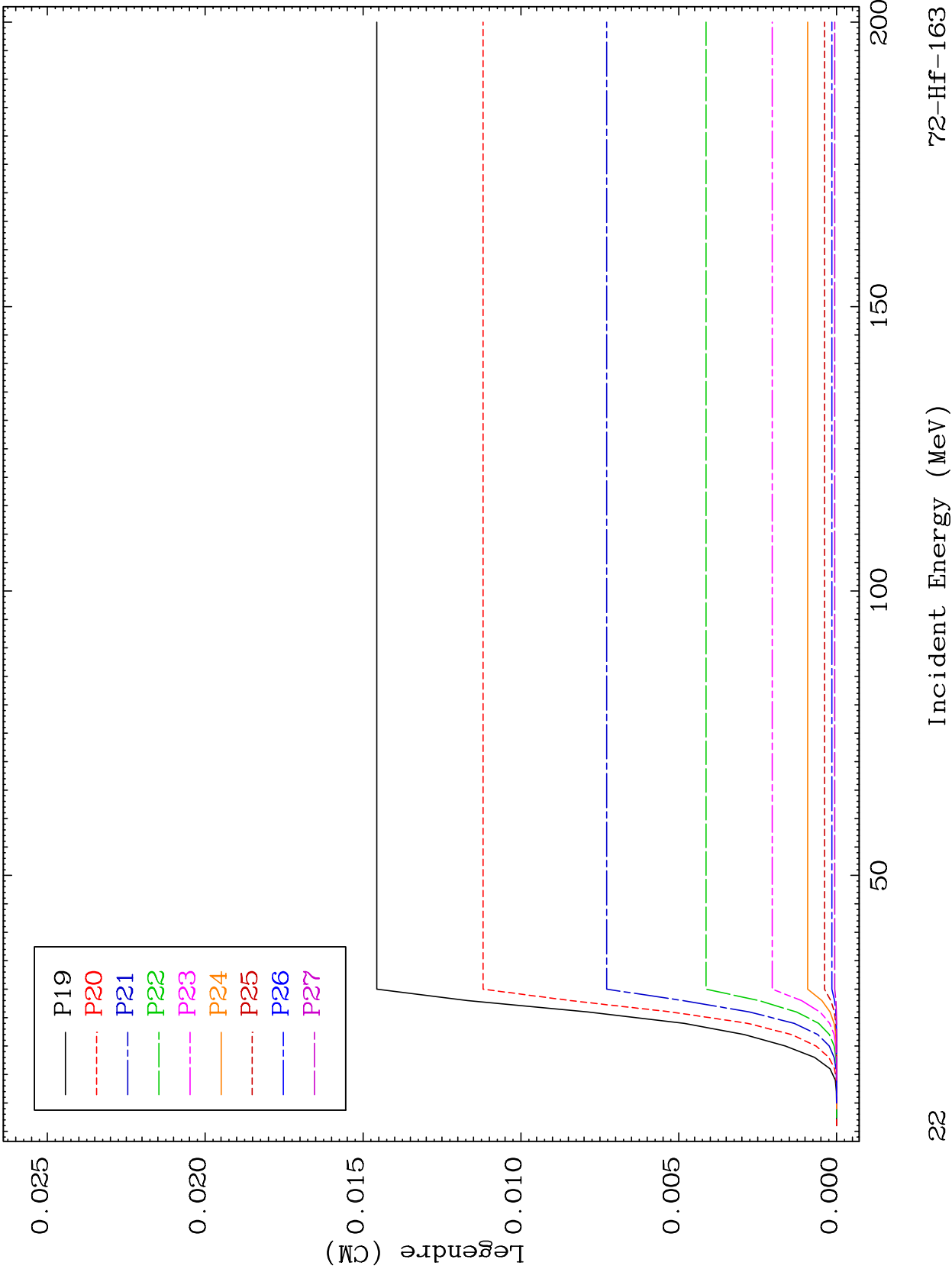
72-Hf-163



21

Incident Energy (MeV)

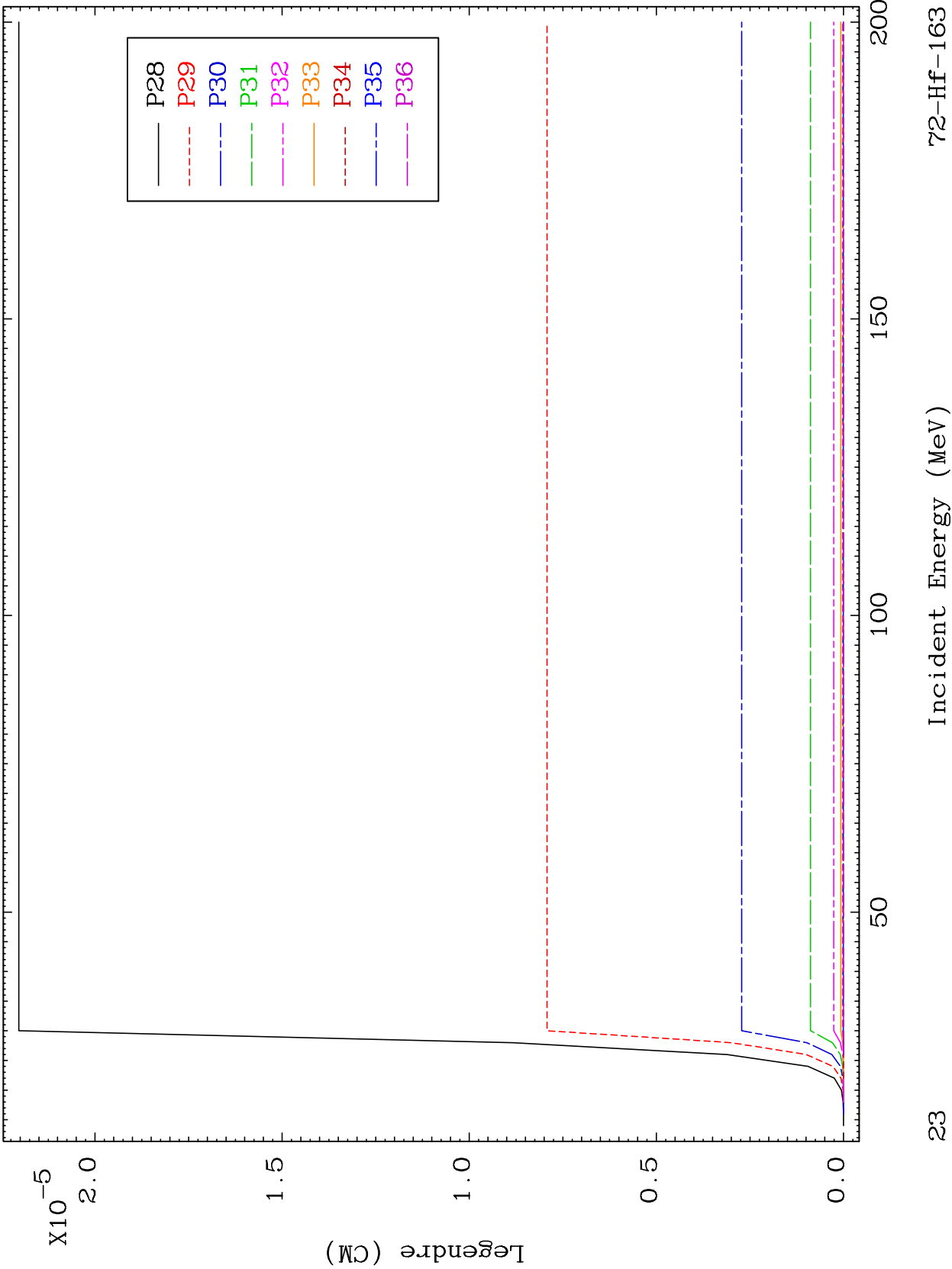
72-Hf-163



MAT 7192

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

72-Hf-163



23

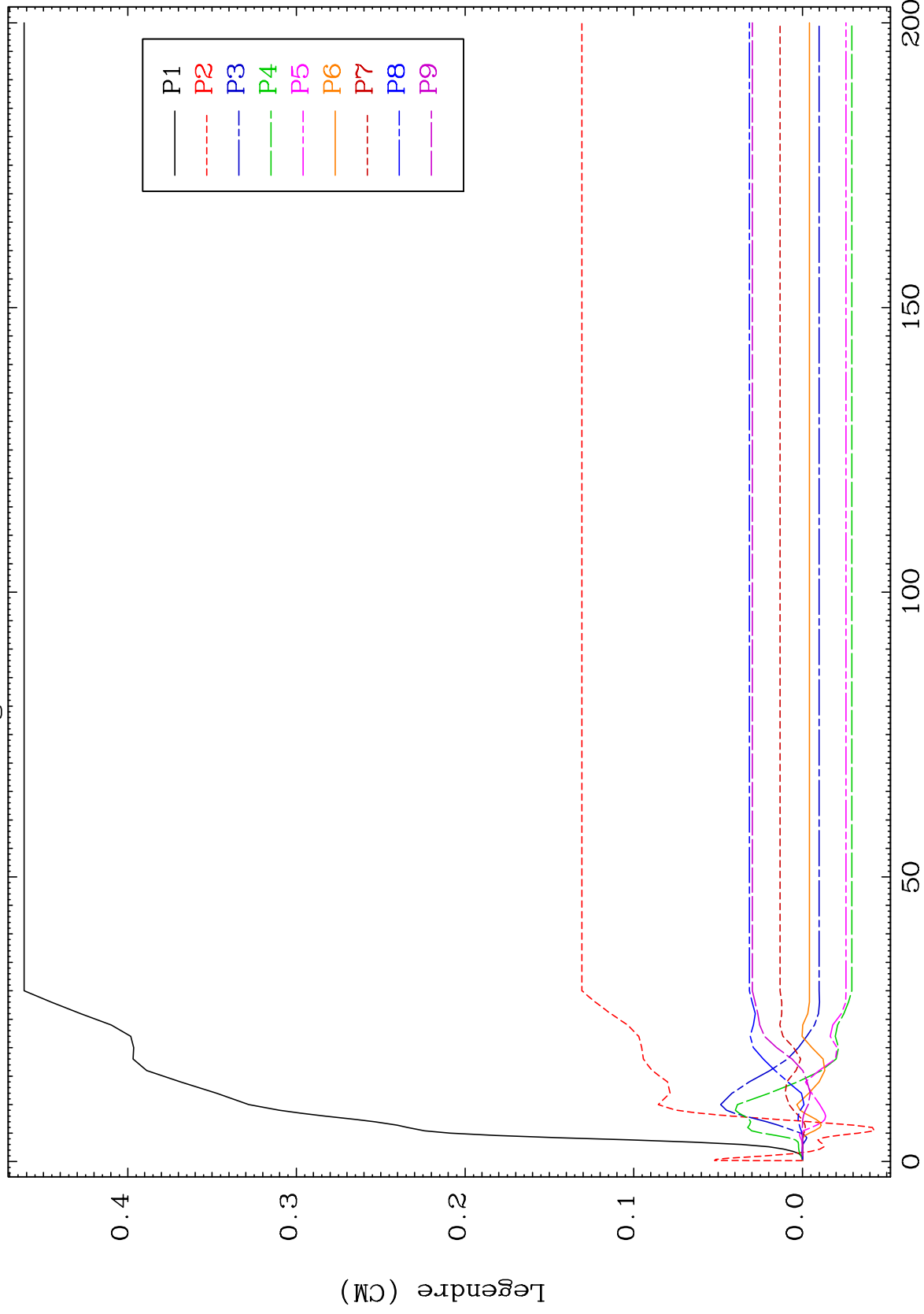
Incident Energy (MeV)

72-Hf-163

MAT 7192

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

72-Hf-163



24

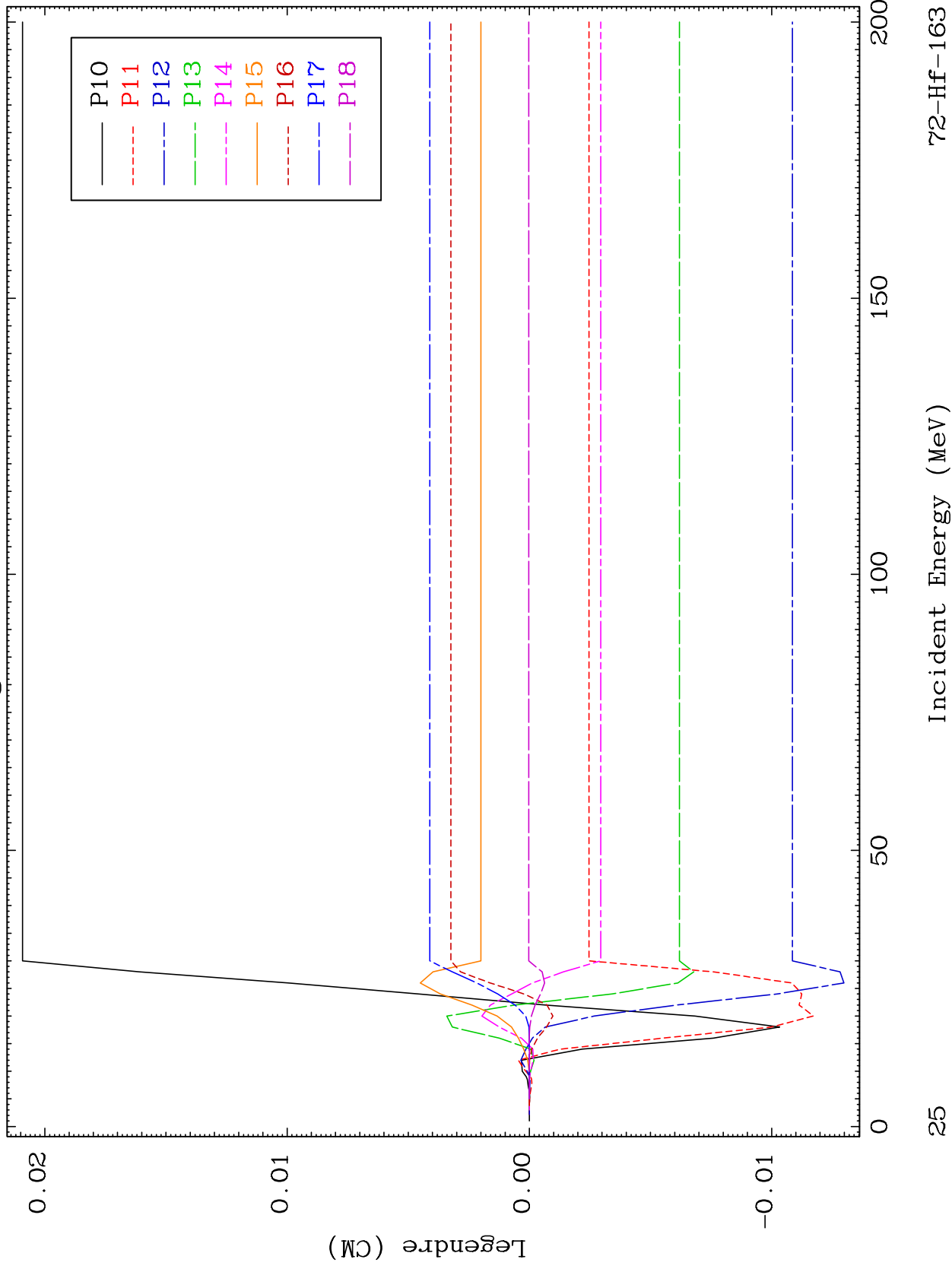
Incident Energy (MeV)

72-Hf-163

MAT 7192

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

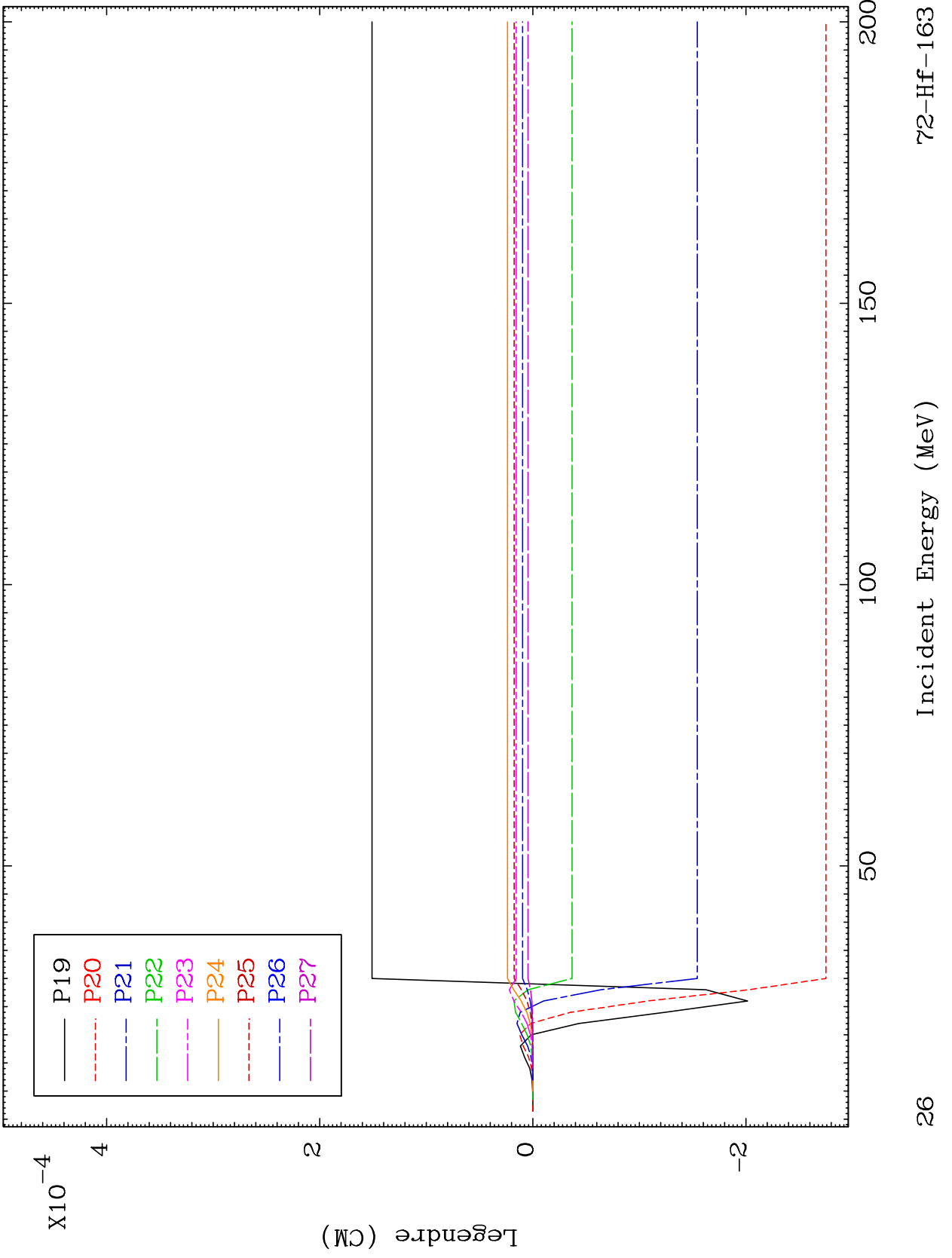
72-Hf-163



72-Hf-163

Incident Energy (MeV)

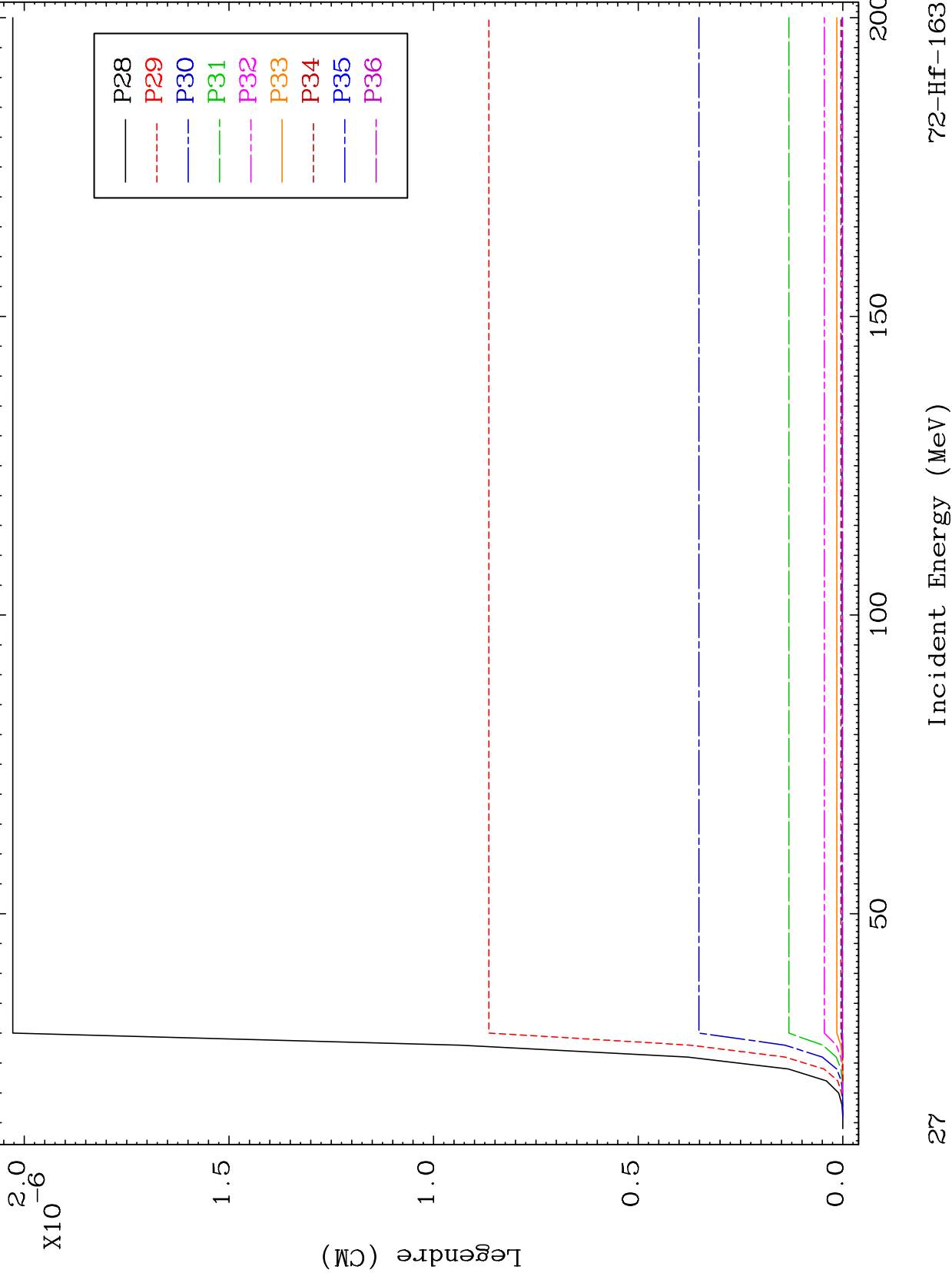
25



MAT 7192

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

72-Hf-163



27

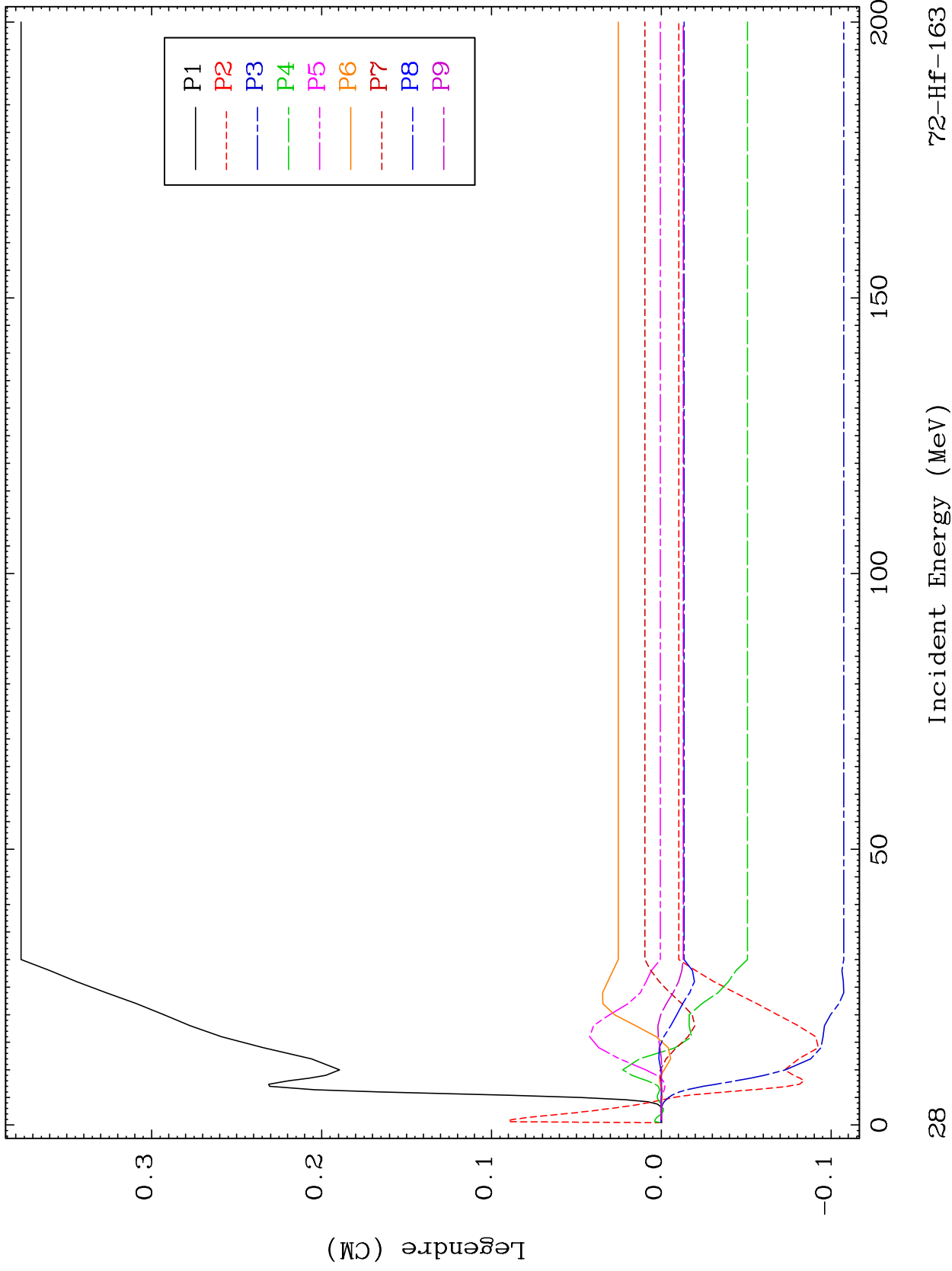
Incident Energy (MeV)

72-Hf-163

MAT 7192

MT= 53 (n,n') Level
Legendre Coefficients

72-Hf-163



72-Hf-163

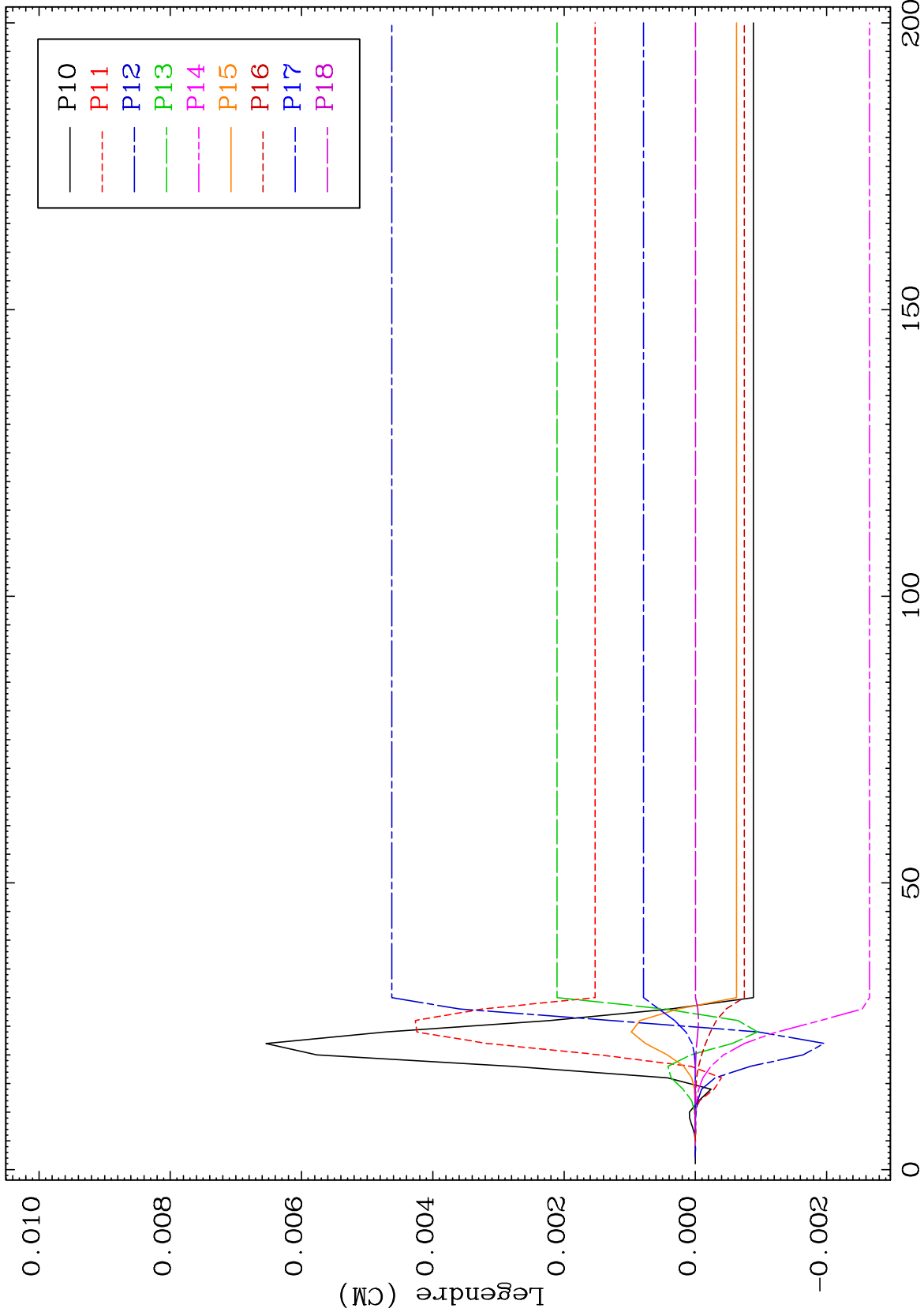
Incident Energy (MeV)

28

MAT 7192

MT= 53 (n,n') Level
Legendre Coefficients

72-Hf-163



29

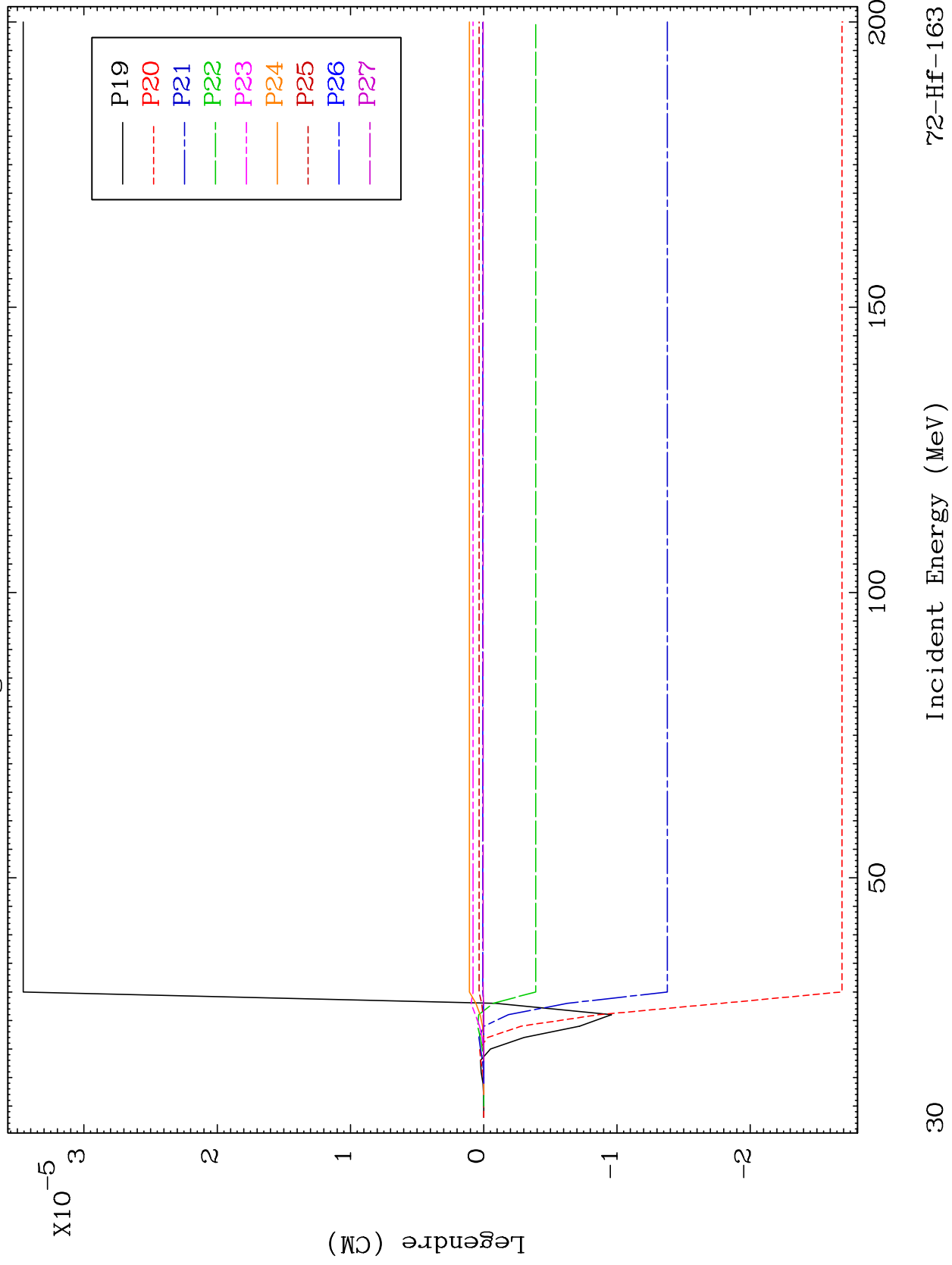
Incident Energy (MeV)

72-Hf-163

MAT 7192

MT= 53 (n,n') Level
Legendre Coefficients

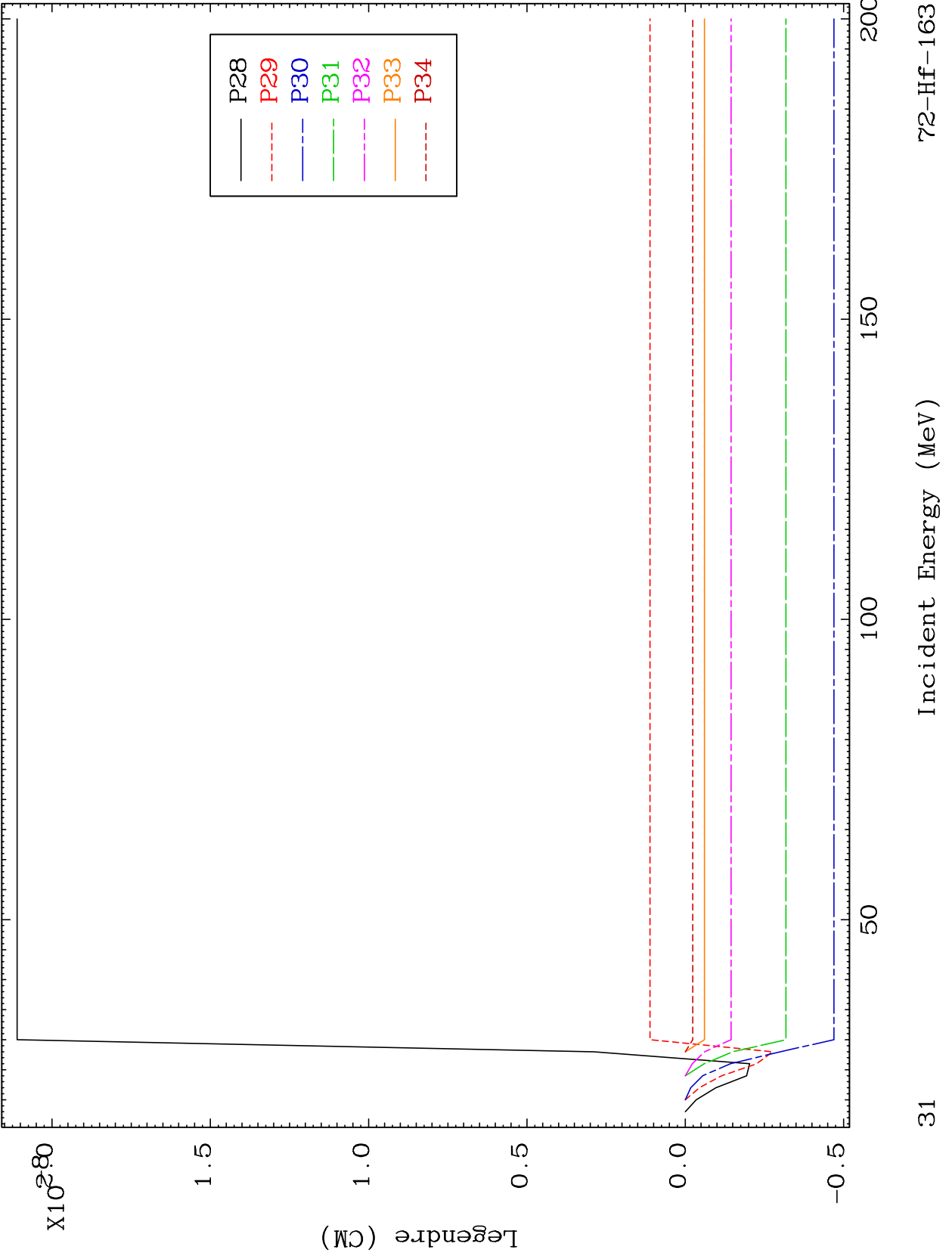
72-Hf-163



30

Incident Energy (MeV)

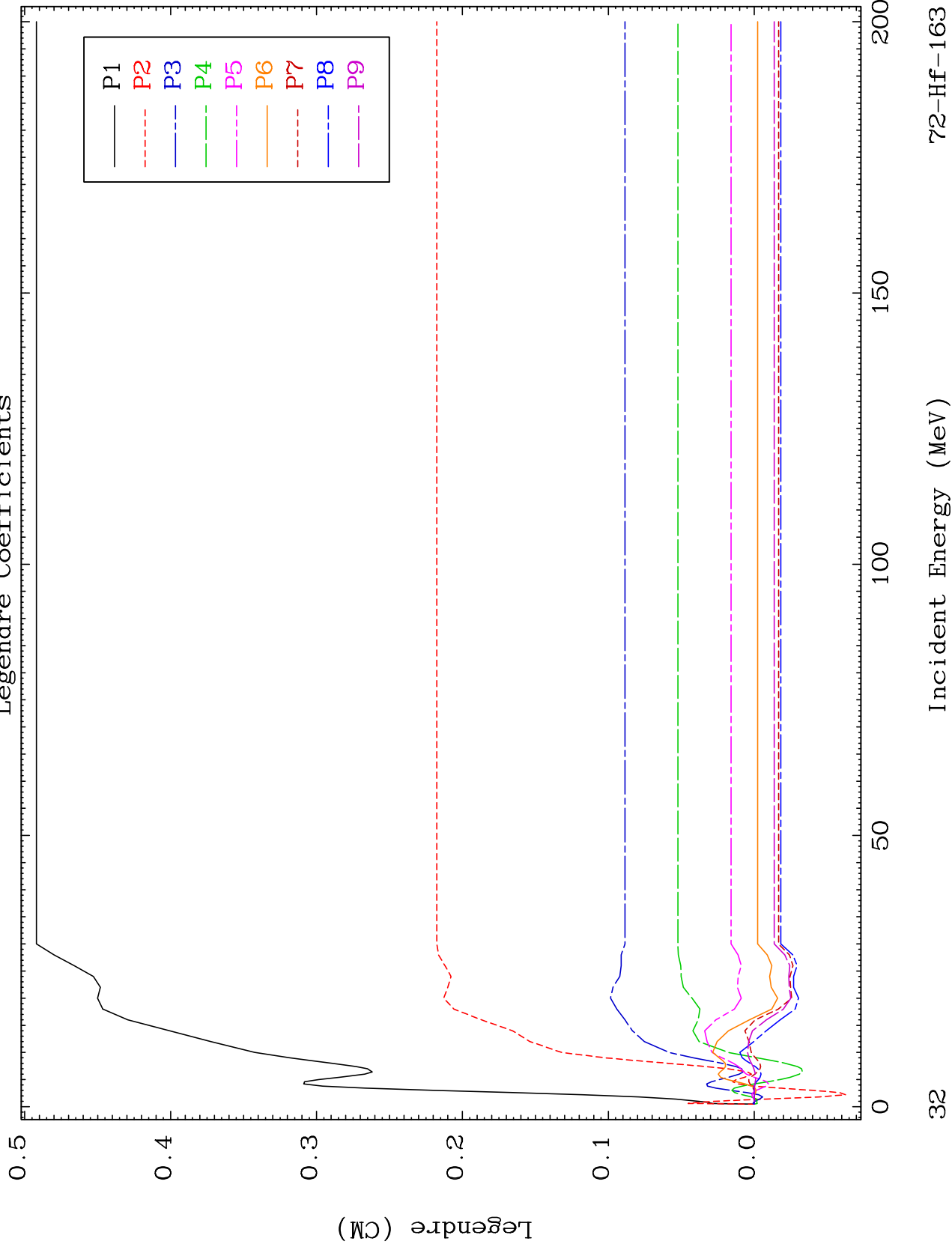
72-Hf-163



MAT 7192

MT= 54 (n,n') Level
Legendre Coefficients

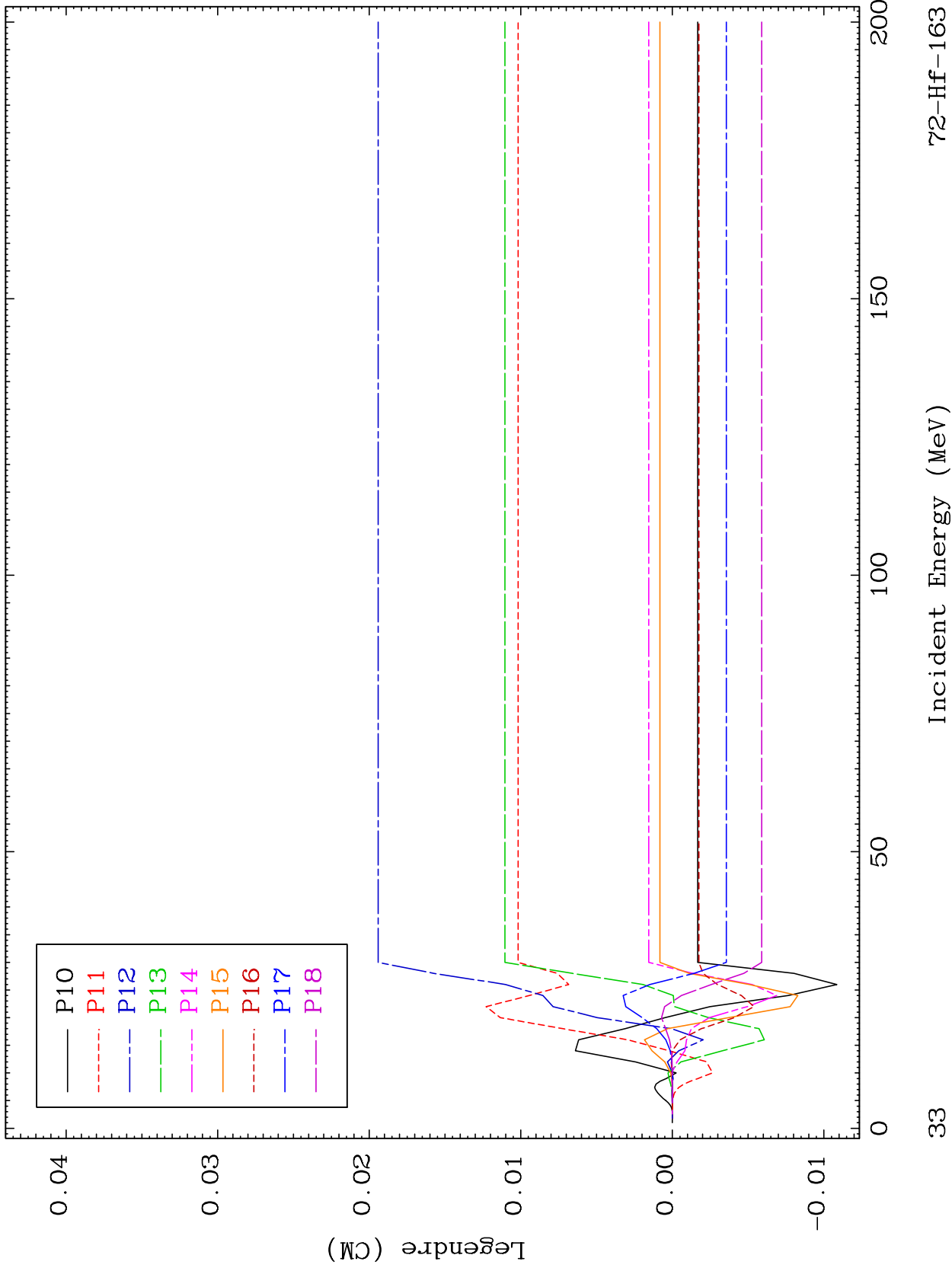
72-Hf-163

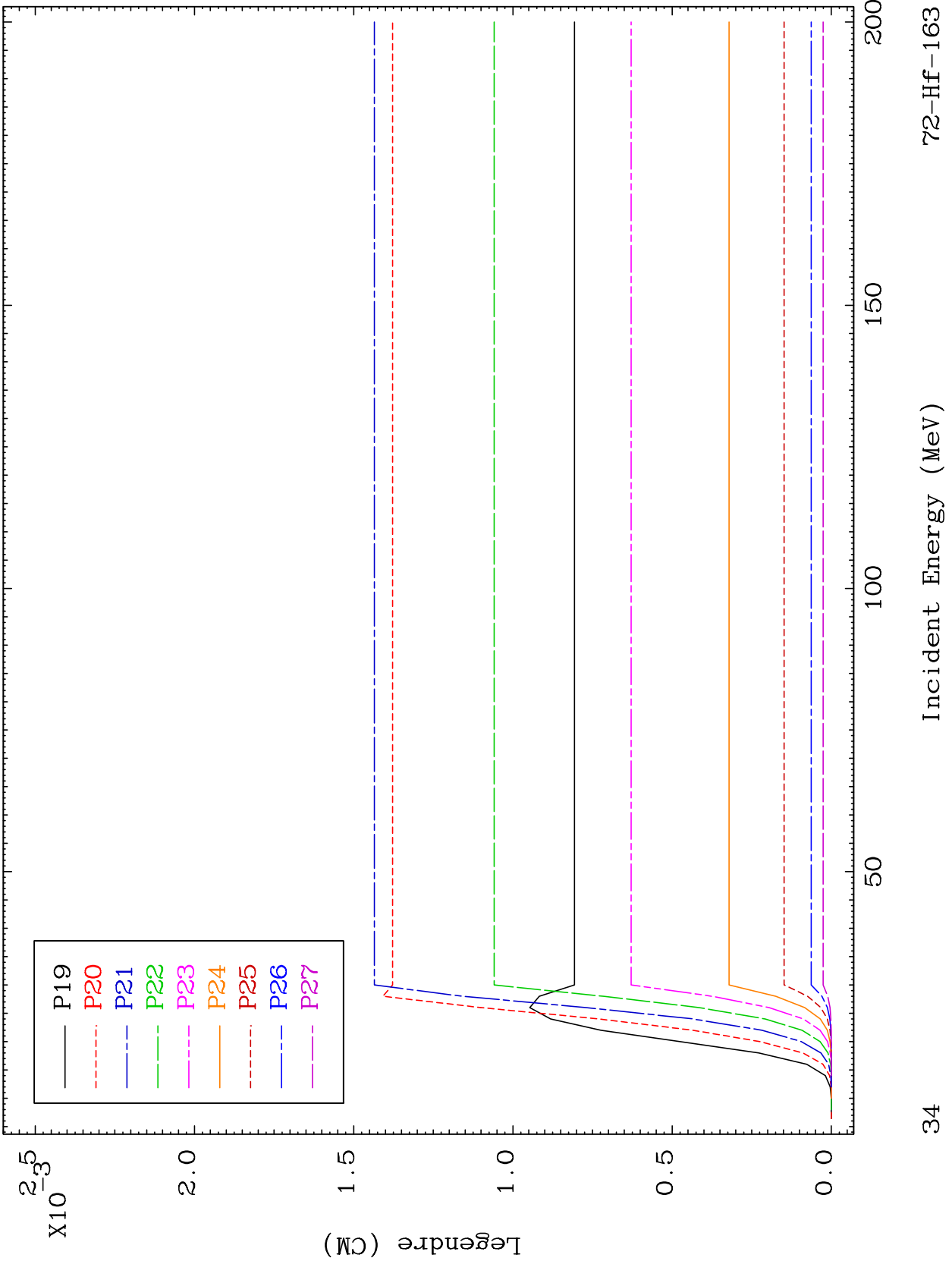


32

Incident Energy (MeV)

72-Hf-163

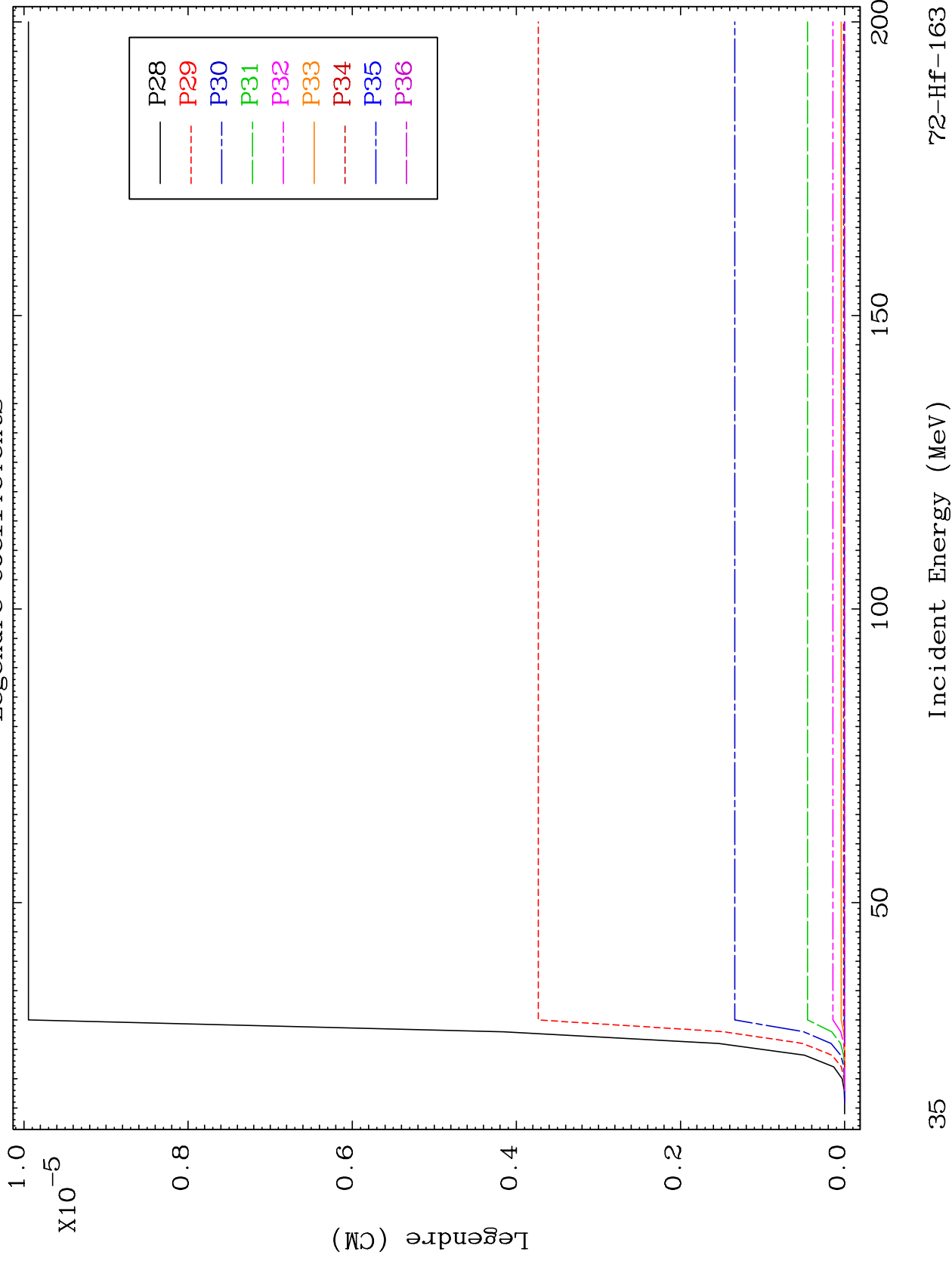




MAT 7192

MT= 54 (n,n') Level
Legendre Coefficients

72-Hf-163

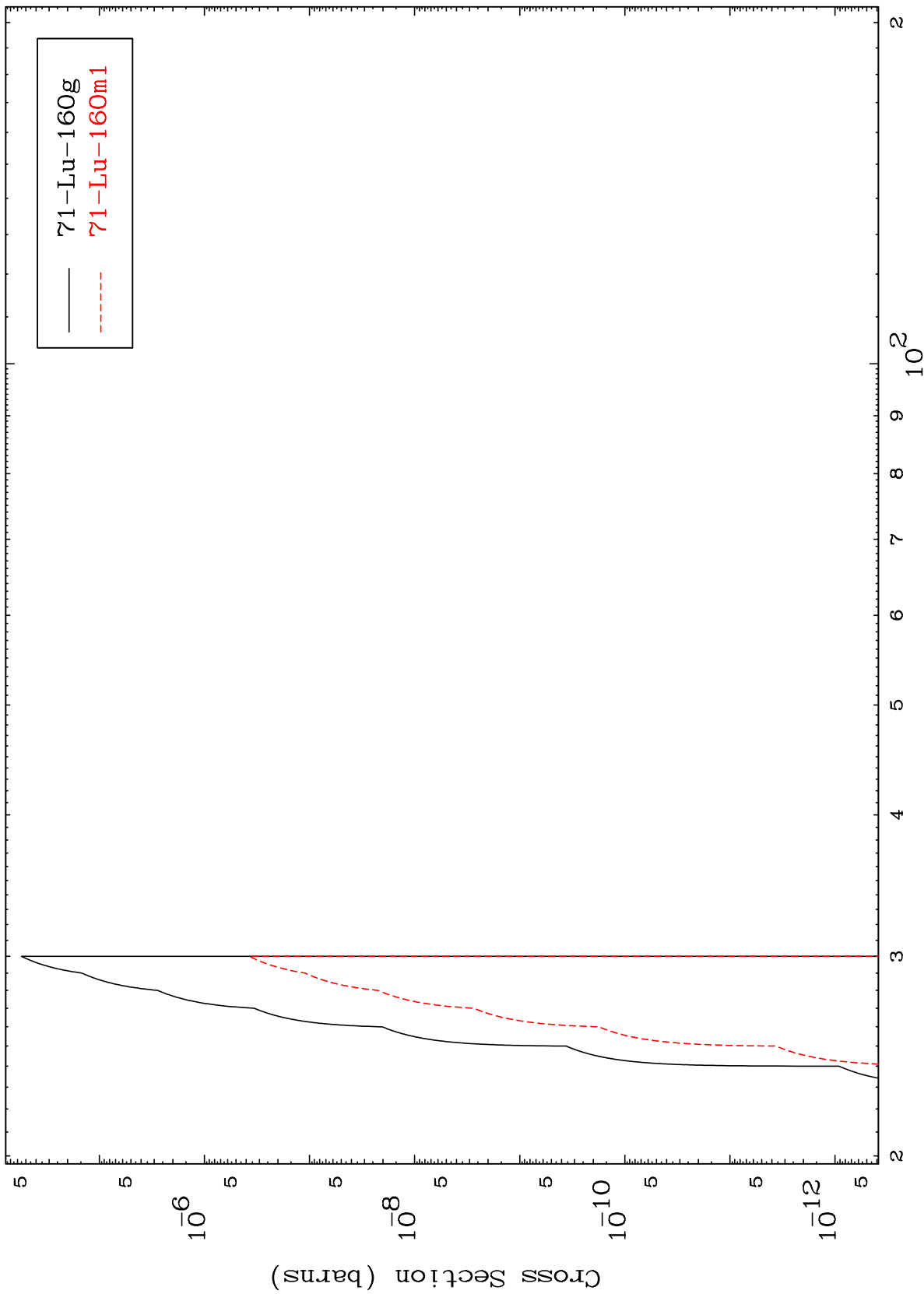


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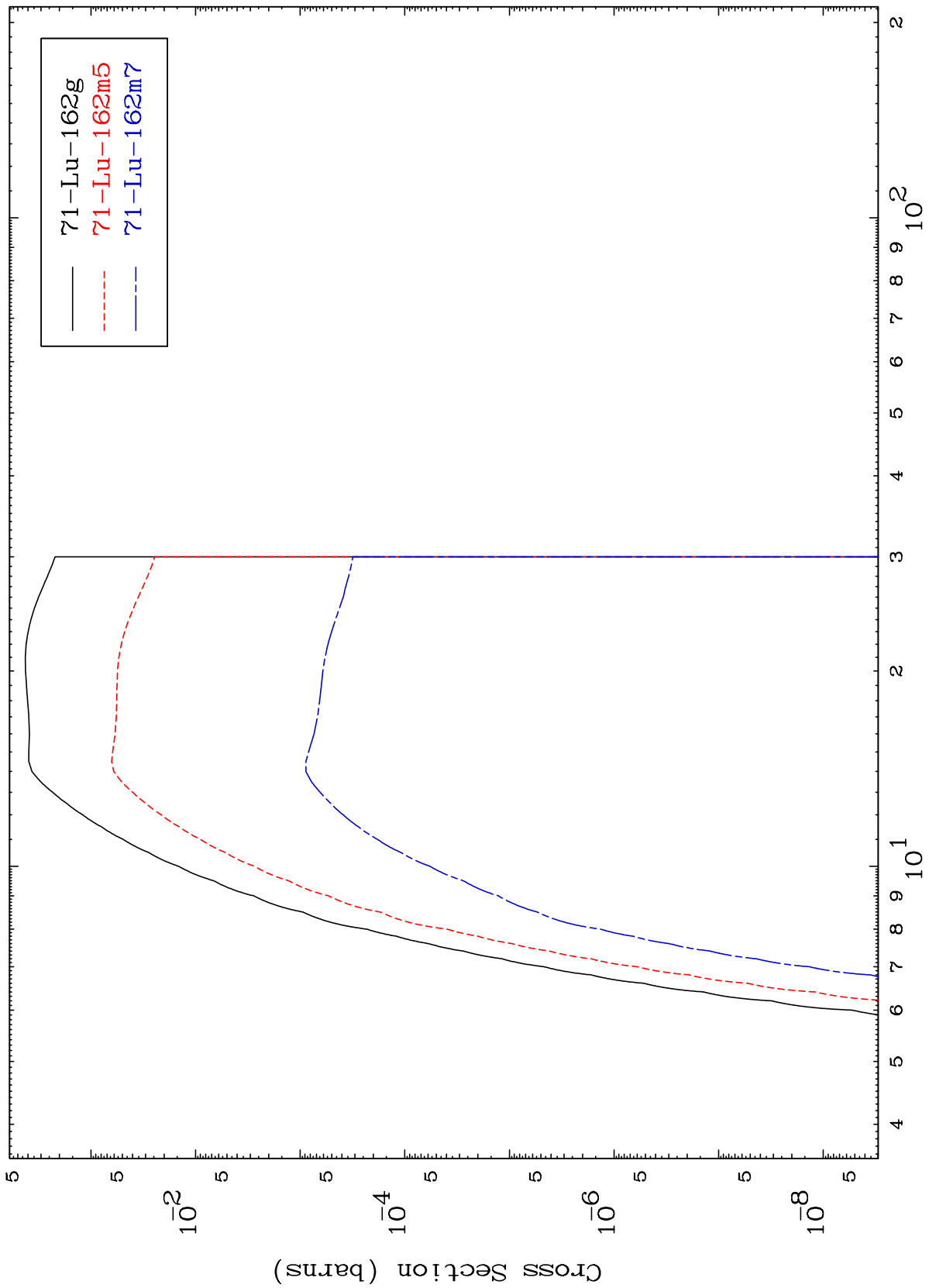
Incident Energy (MeV)

72-Hf-163

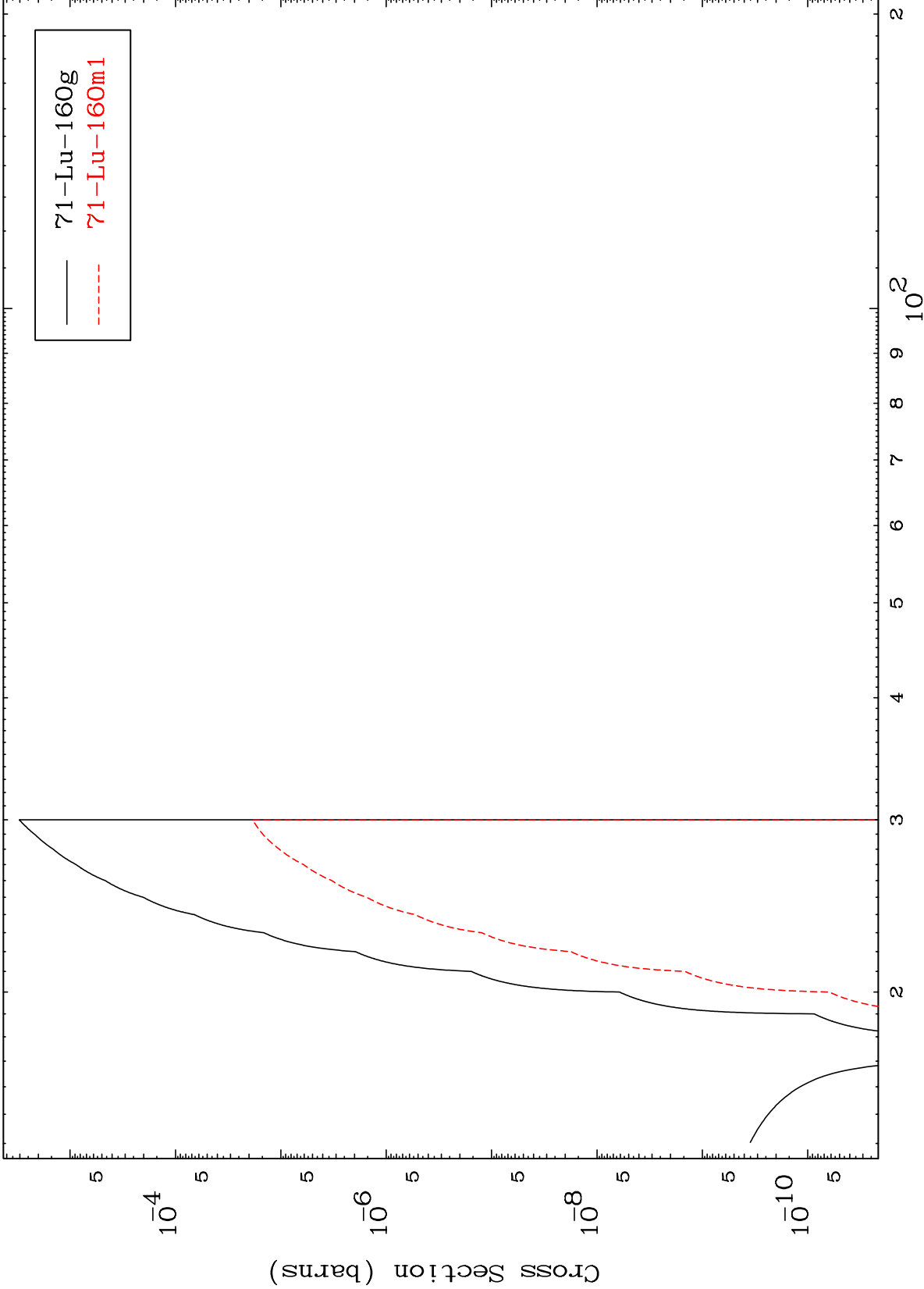
Radionuclide Production Cross Section



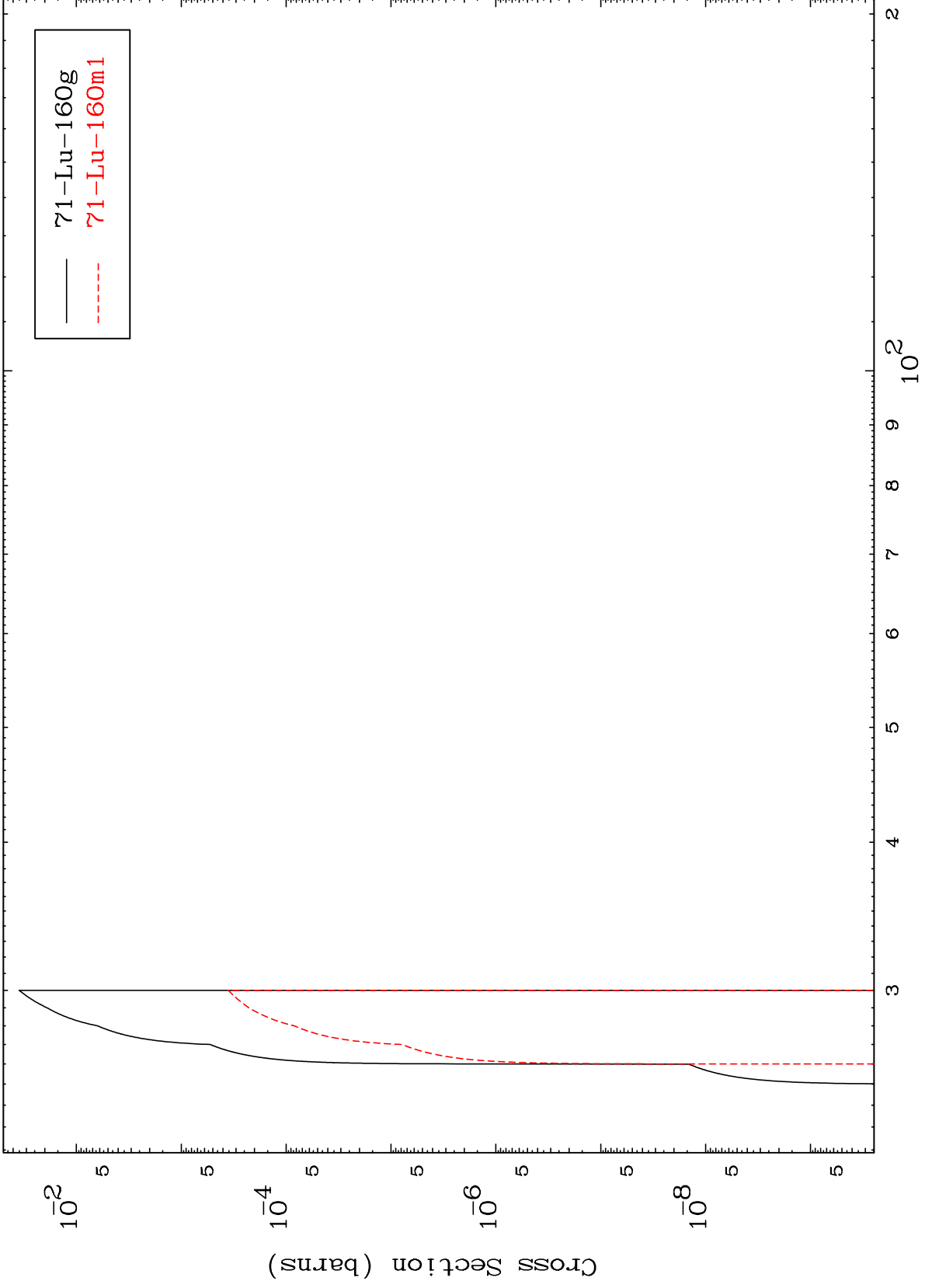
Radionuclide Production Cross Section



Radionuclide Production Cross Section



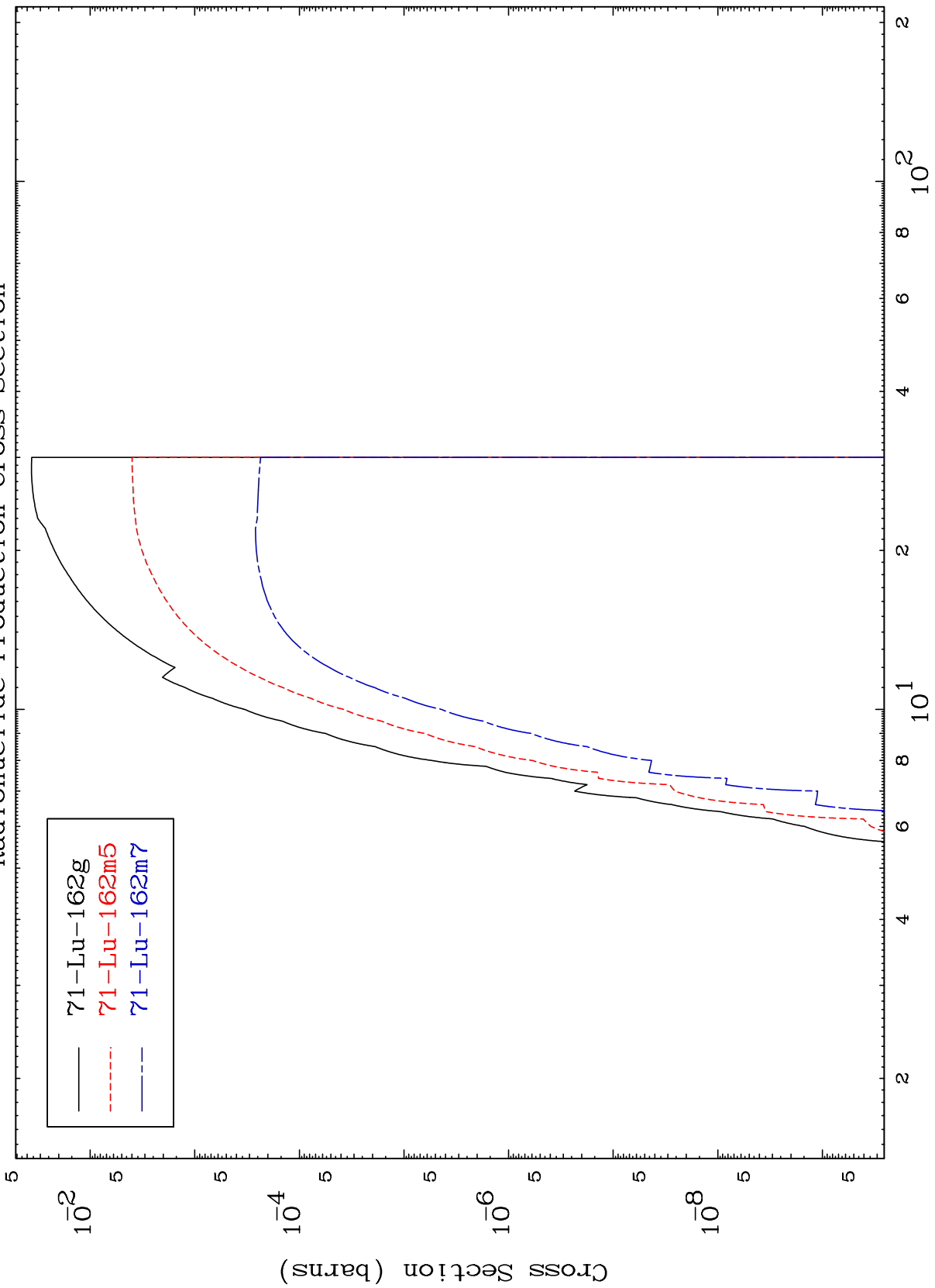
Radionuclide Production Cross Section



MAT 7192

72-Hf-163

(n,d)
Radionuclide Production Cross Section



40

Incident Energy (MeV)

72-Hf-163