

Program EVALPLOT
(Version 2021-1)

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

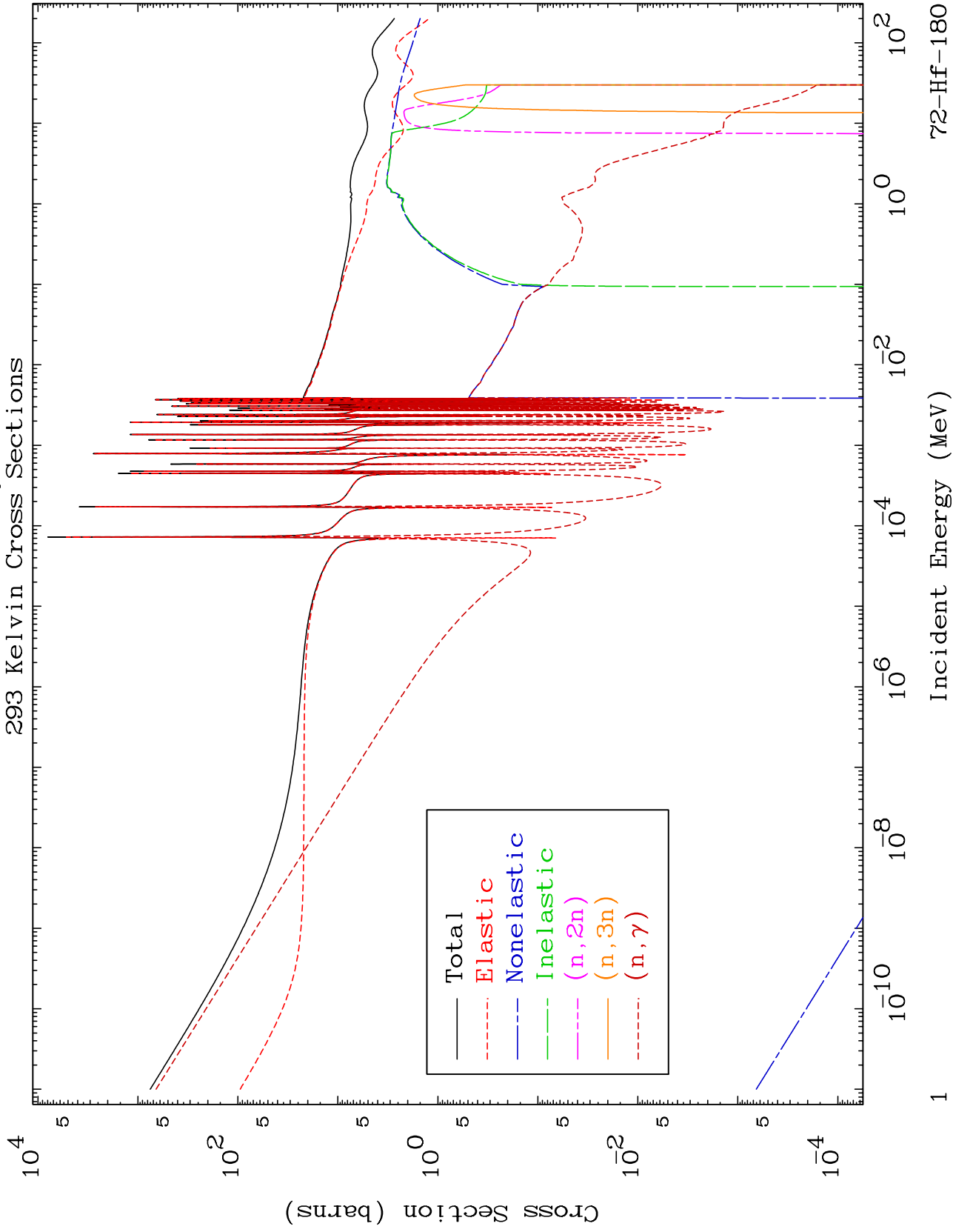
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Press Mouse Button to Start

MAT 7243

Neutron Major
293 Kelvin Cross Sections

72-Hf-180



1

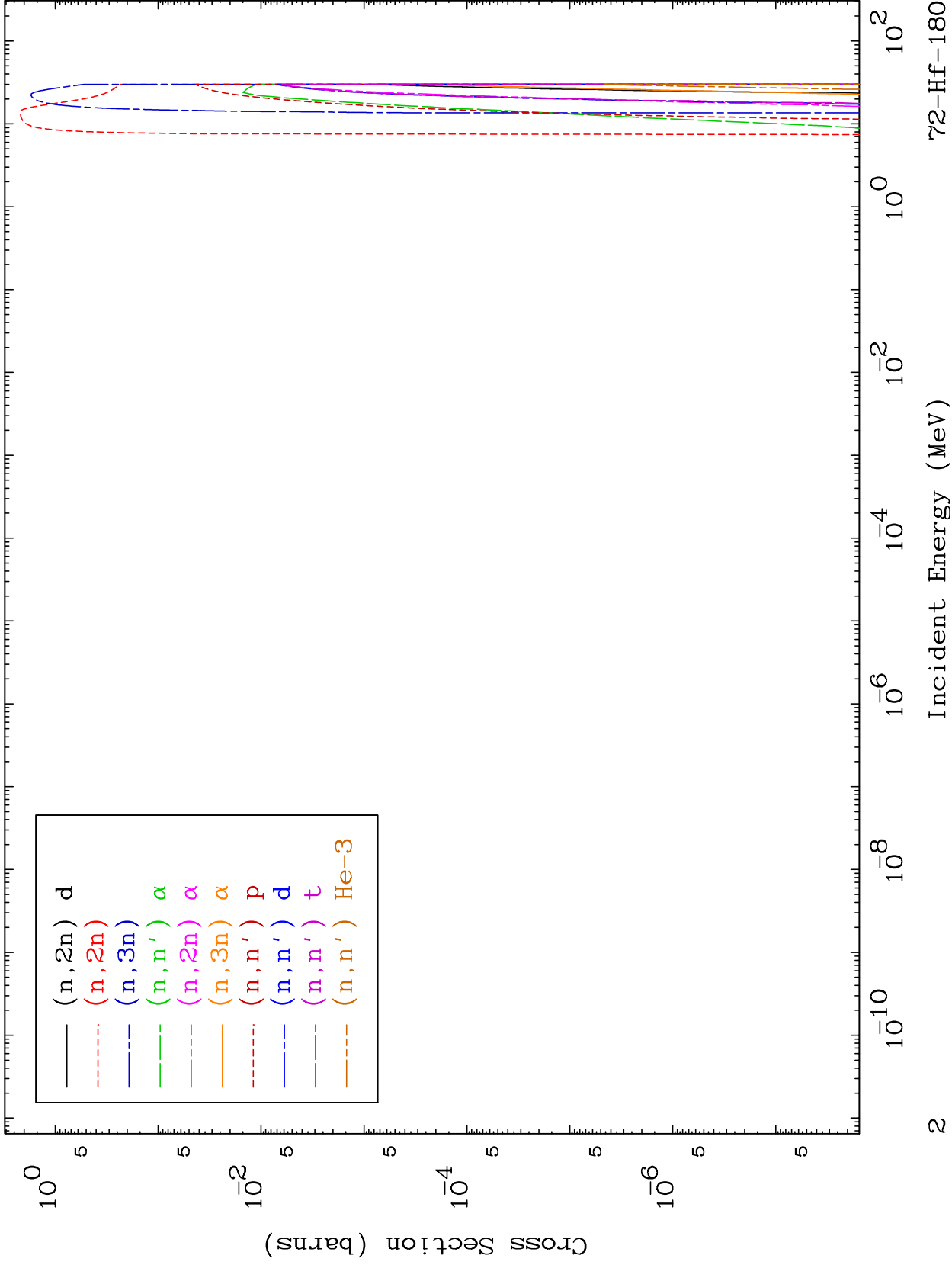
Incident Energy (MeV)

72-Hf-180

MAT 7243

Neutron Absorption
293 Kelvin Cross Sections

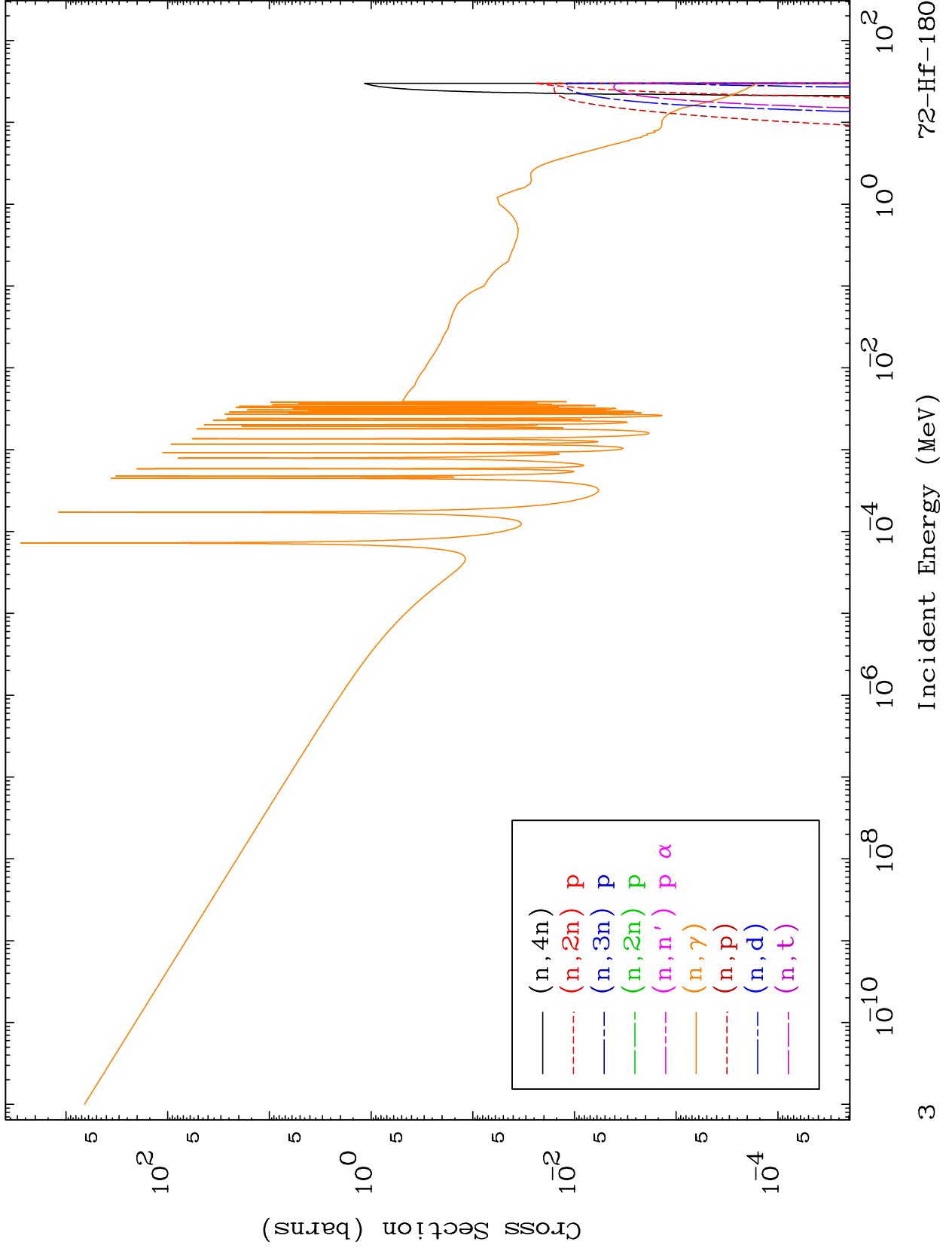
72-Hf-180



MAT 7243

Neutron Absorption
293 Kelvin Cross Sections

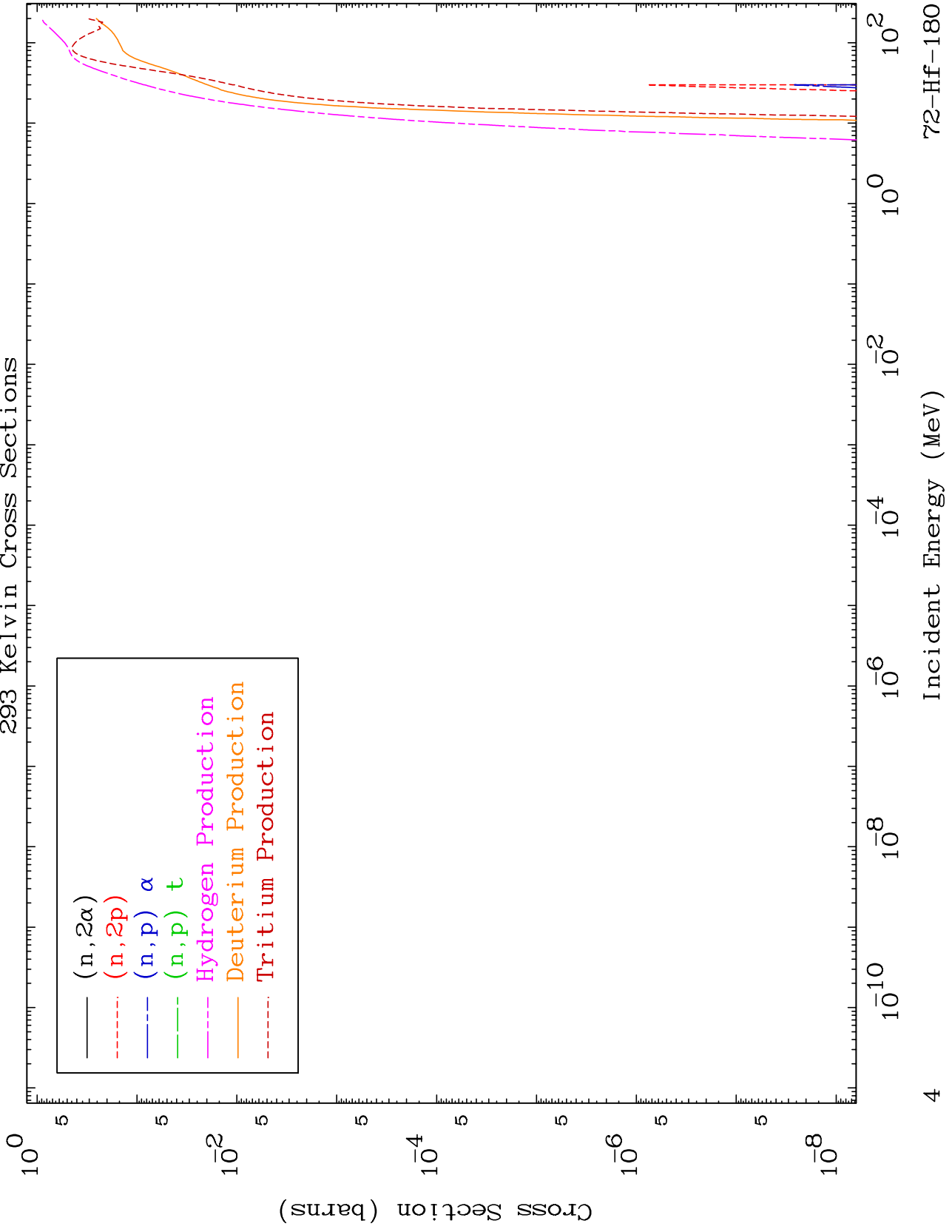
72-Hf-180



MAT 7243

Neutron Absorption
293 Kelvin Cross Sections

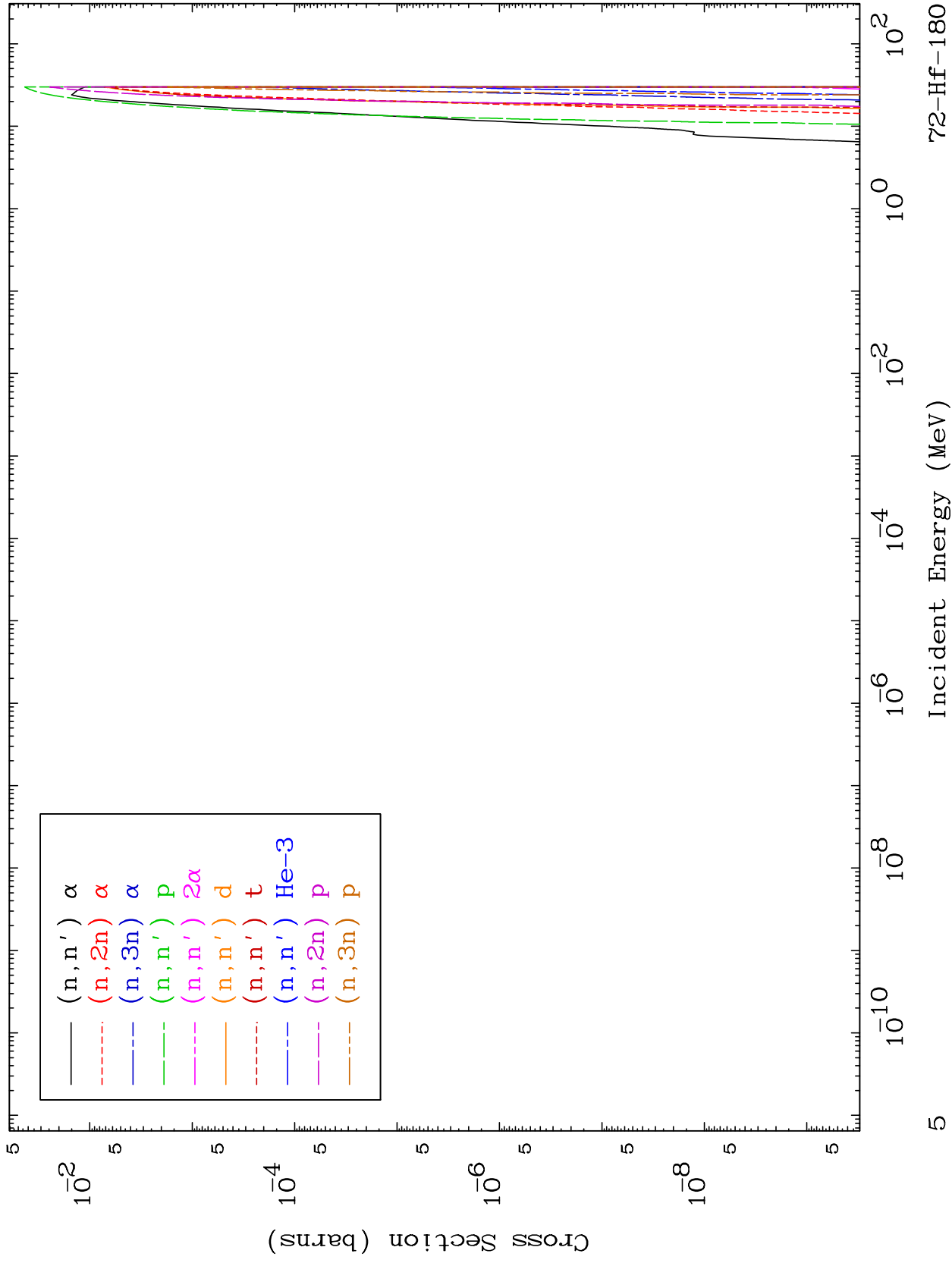
72-Hf-180



MAT 7243

Charged Particle
293 Kelvin Cross Sections

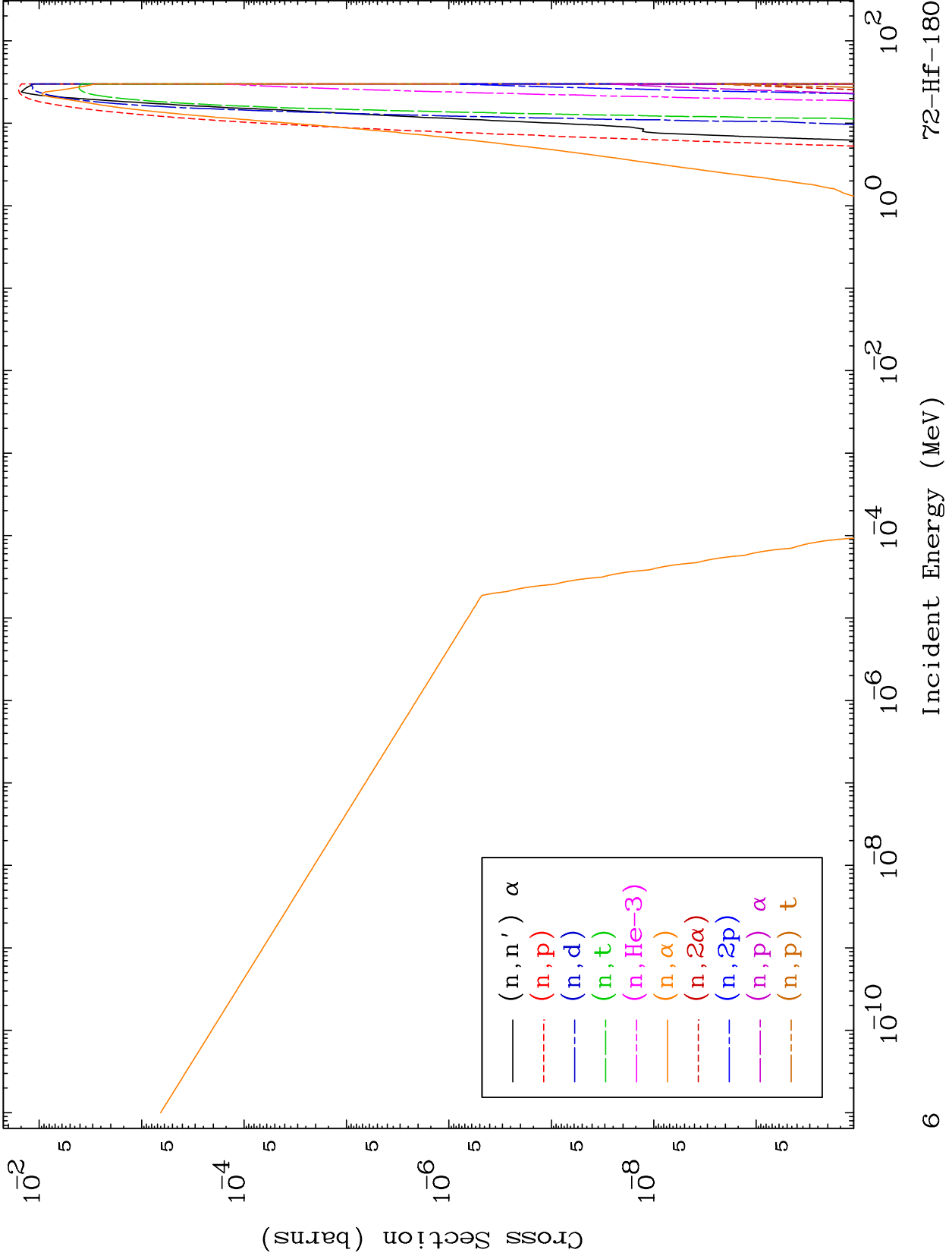
72-Hf-180



MAT 7243

Charged Particle
293 Kelvin Cross Sections

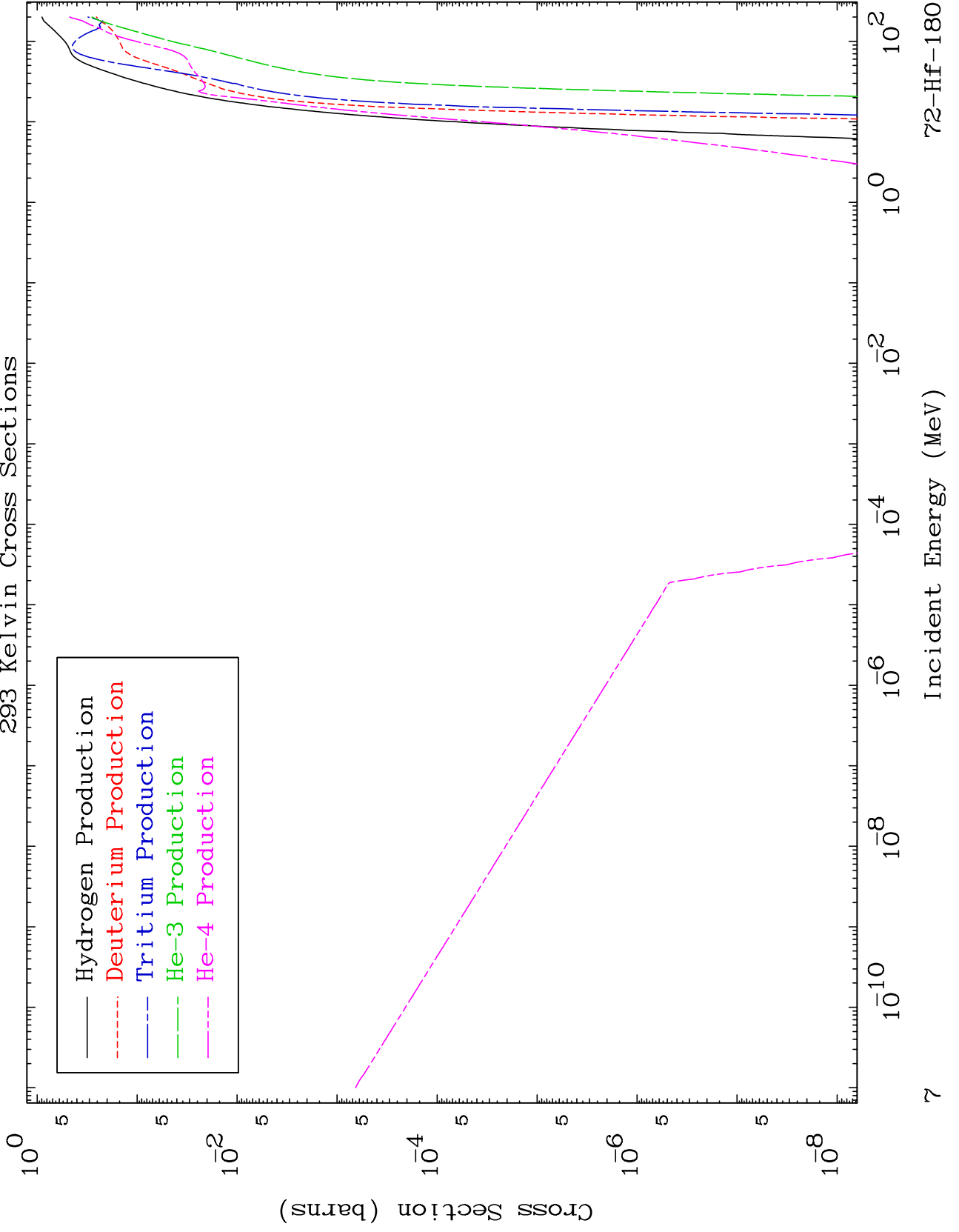
72-Hf-180



MAT 7243

Particle Production
293 Kelvin Cross Sections

72-Hf-180

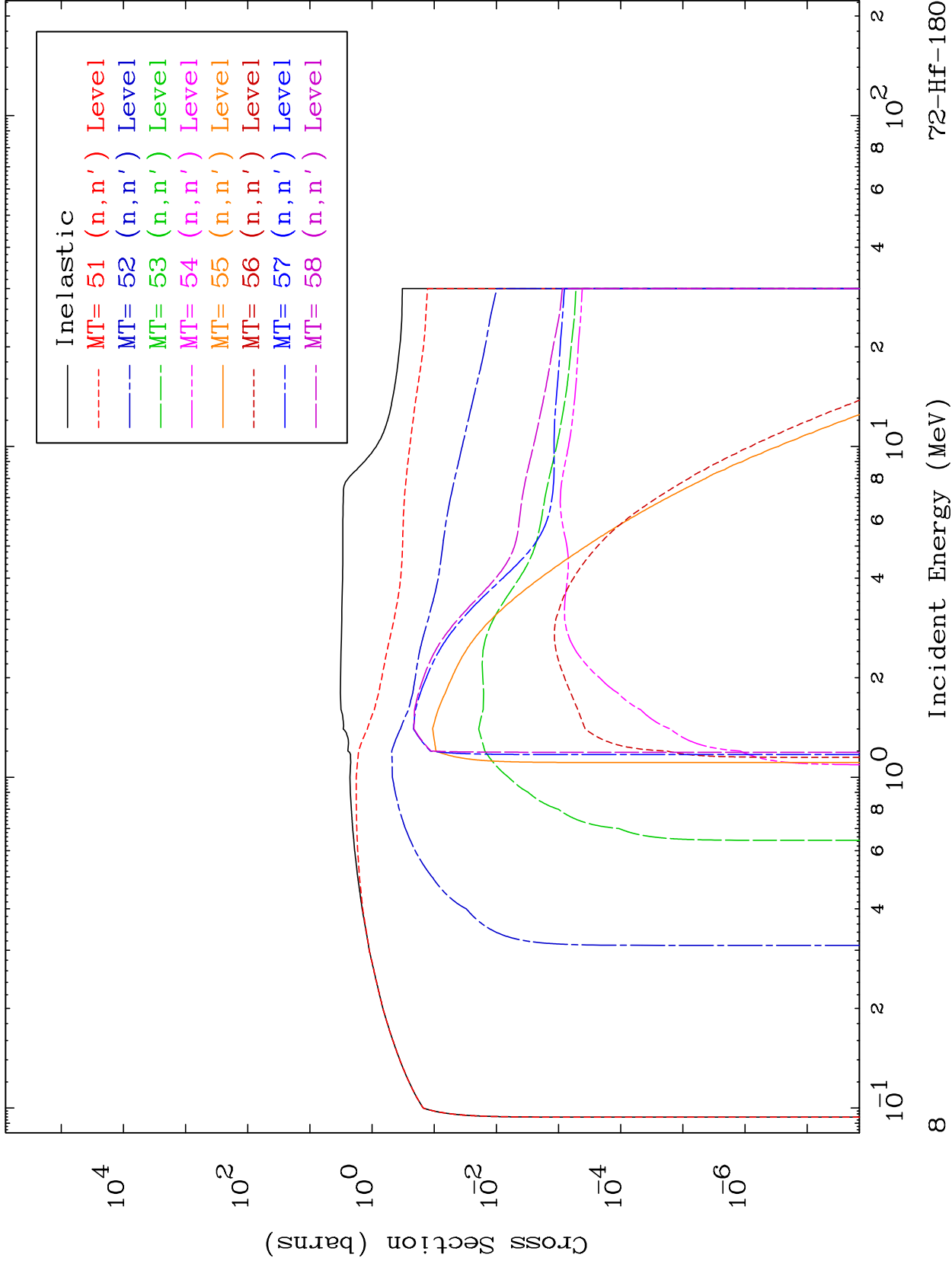


MAT 7243

(n,n') Levels

72-Hf-180

293 Kelvin Cross Sections



8

Incident Energy (MeV)

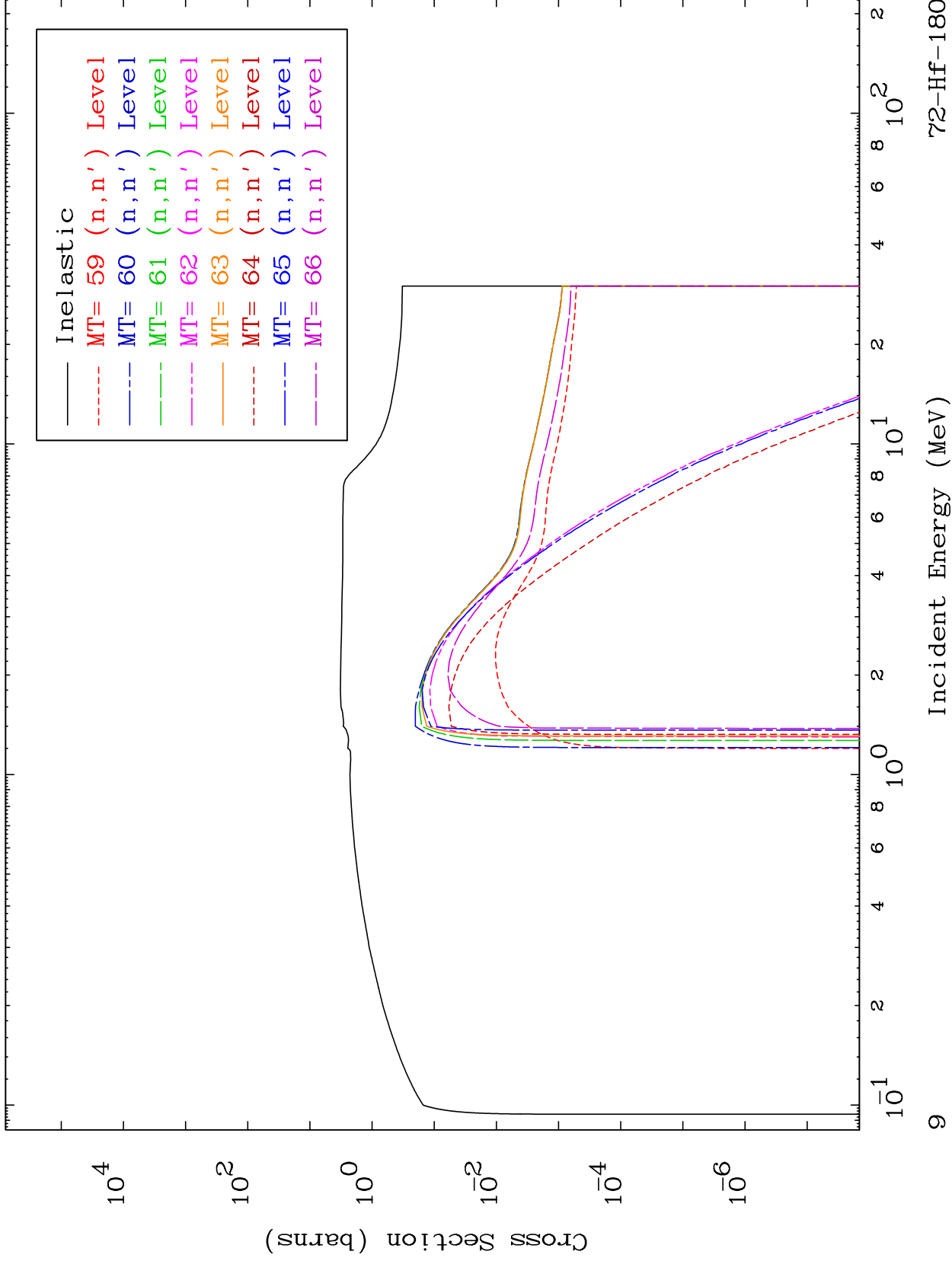
72-Hf-180

MAT 7243

(n,n') Levels

72-Hf-180

293 Kelvin Cross Sections

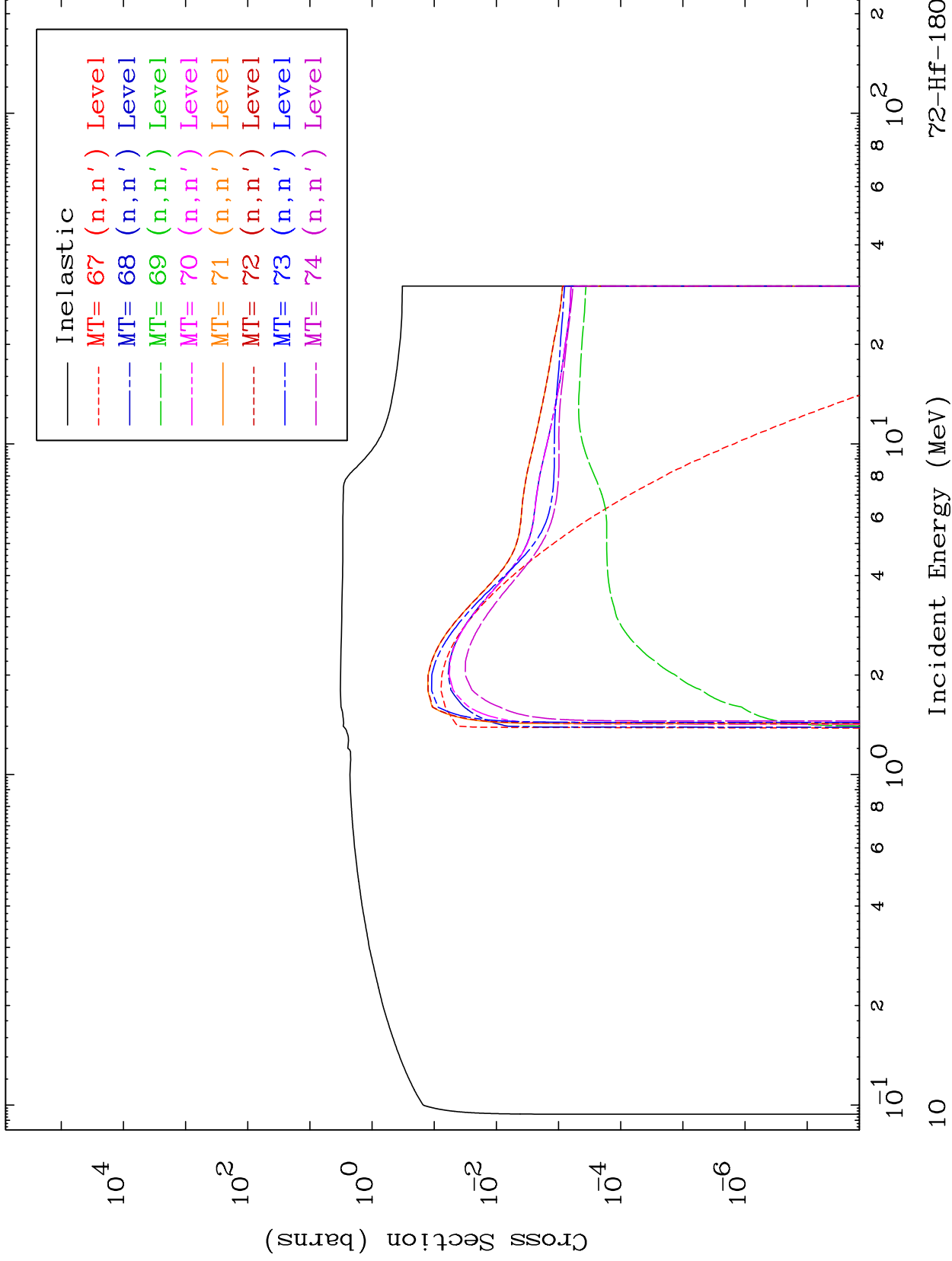


MAT 7243

(n,n') Levels

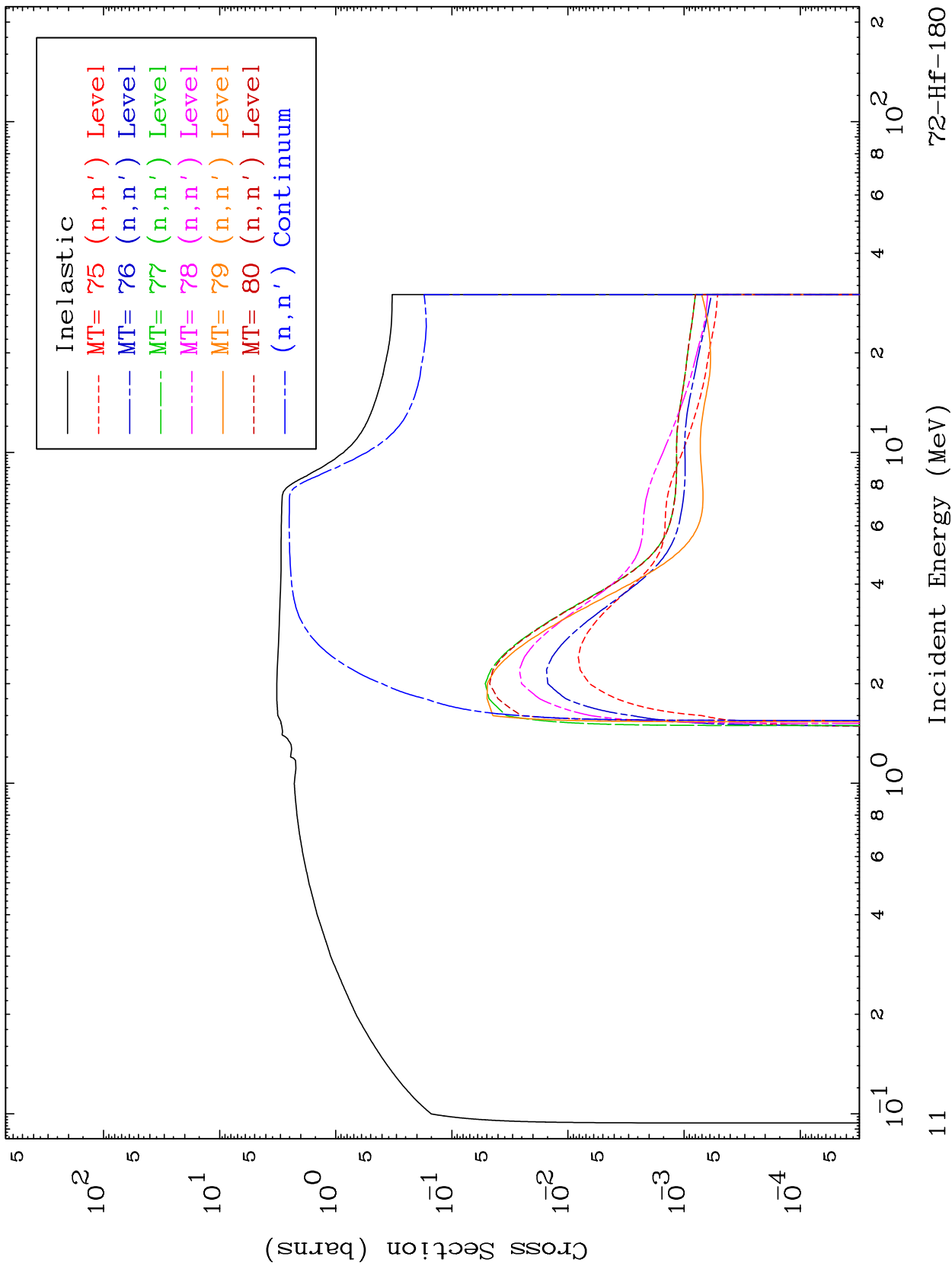
72-Hf-180

293 Kelvin Cross Sections



Incident Energy (MeV)

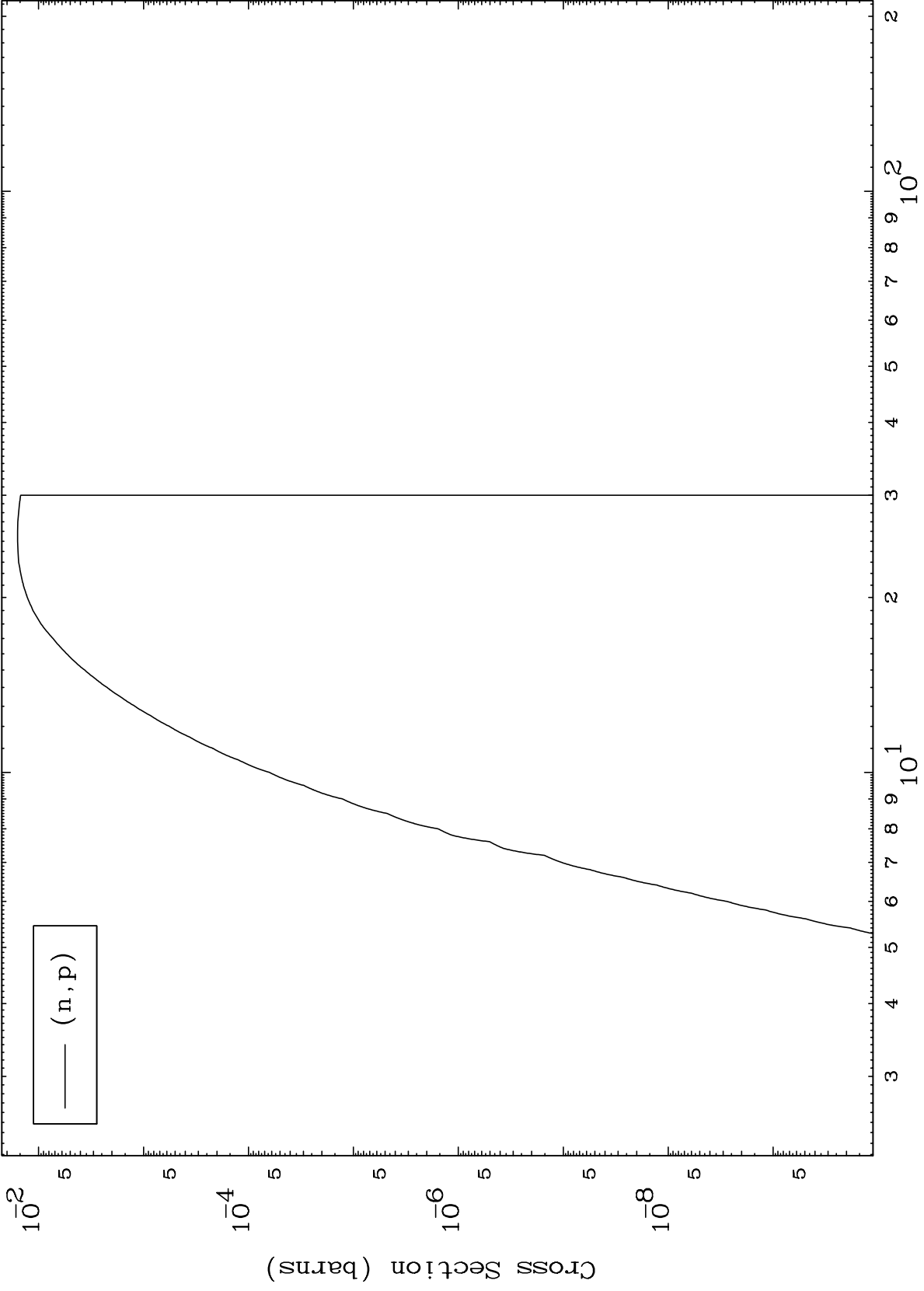
72-Hf-180



MAT 7243

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-180



12

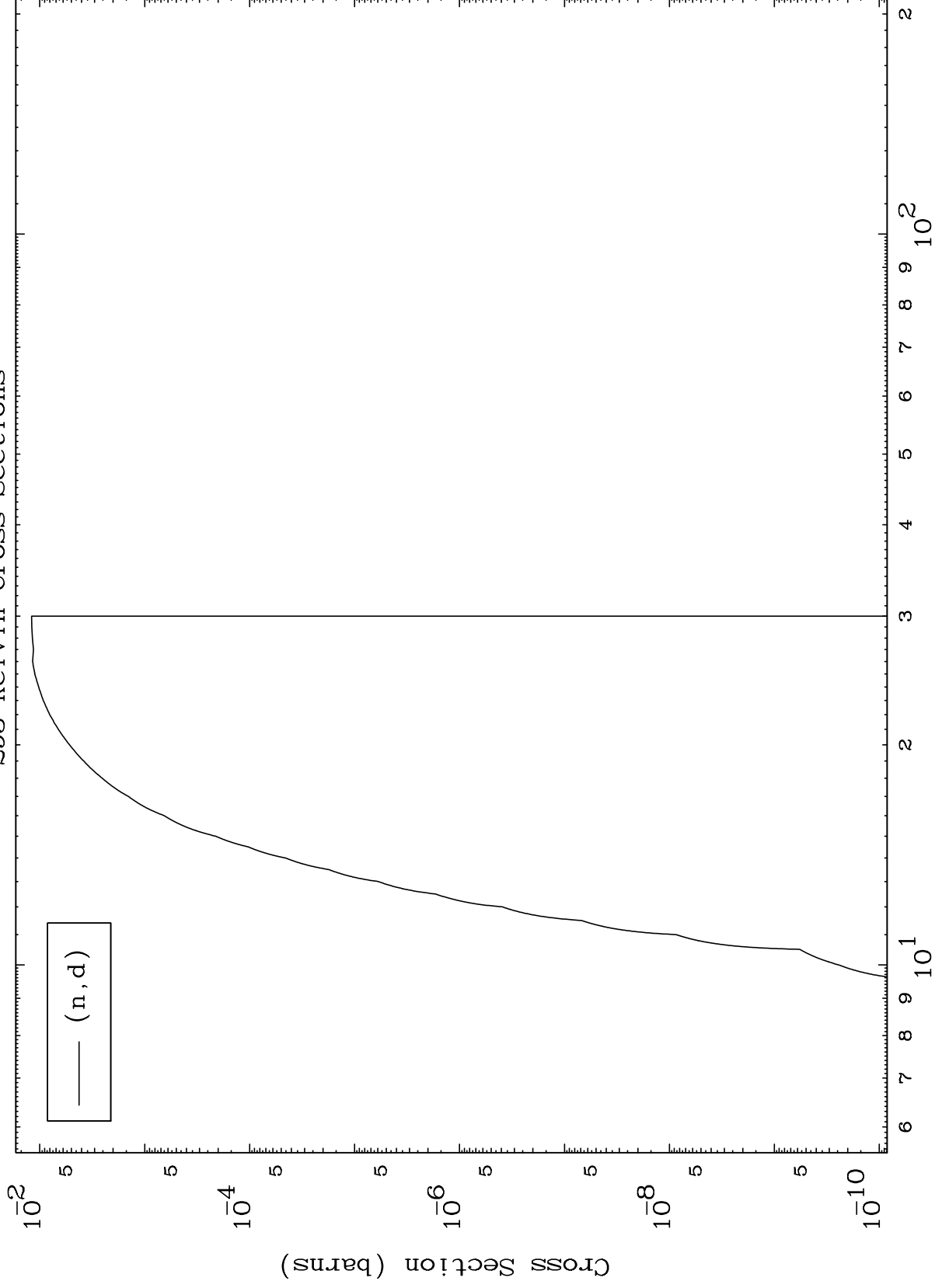
Incident Energy (MeV)

72-Hf-180

MAT 7243

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-180



13

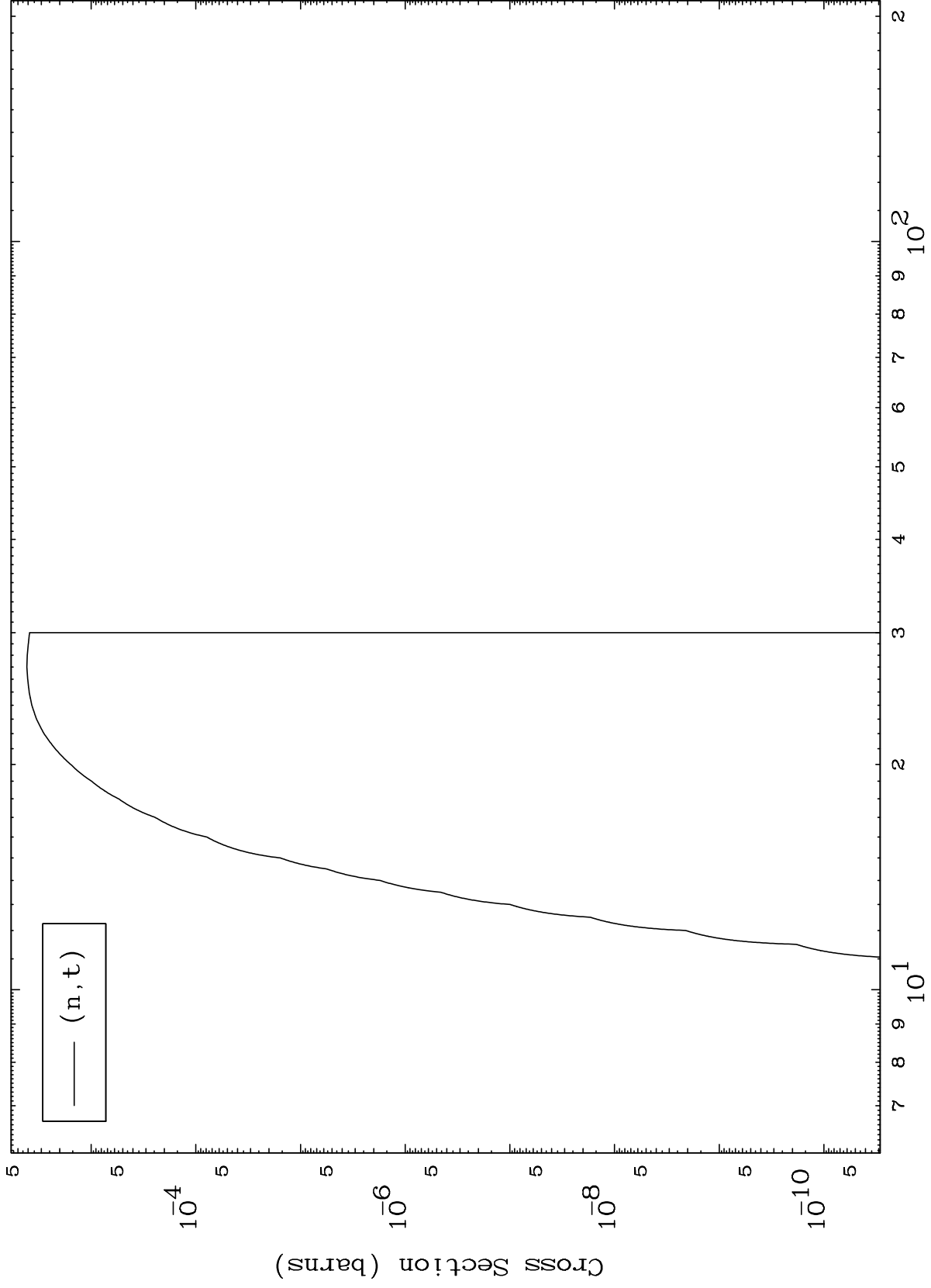
Incident Energy (MeV)

72-Hf-180

MAT 7243

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-180



14

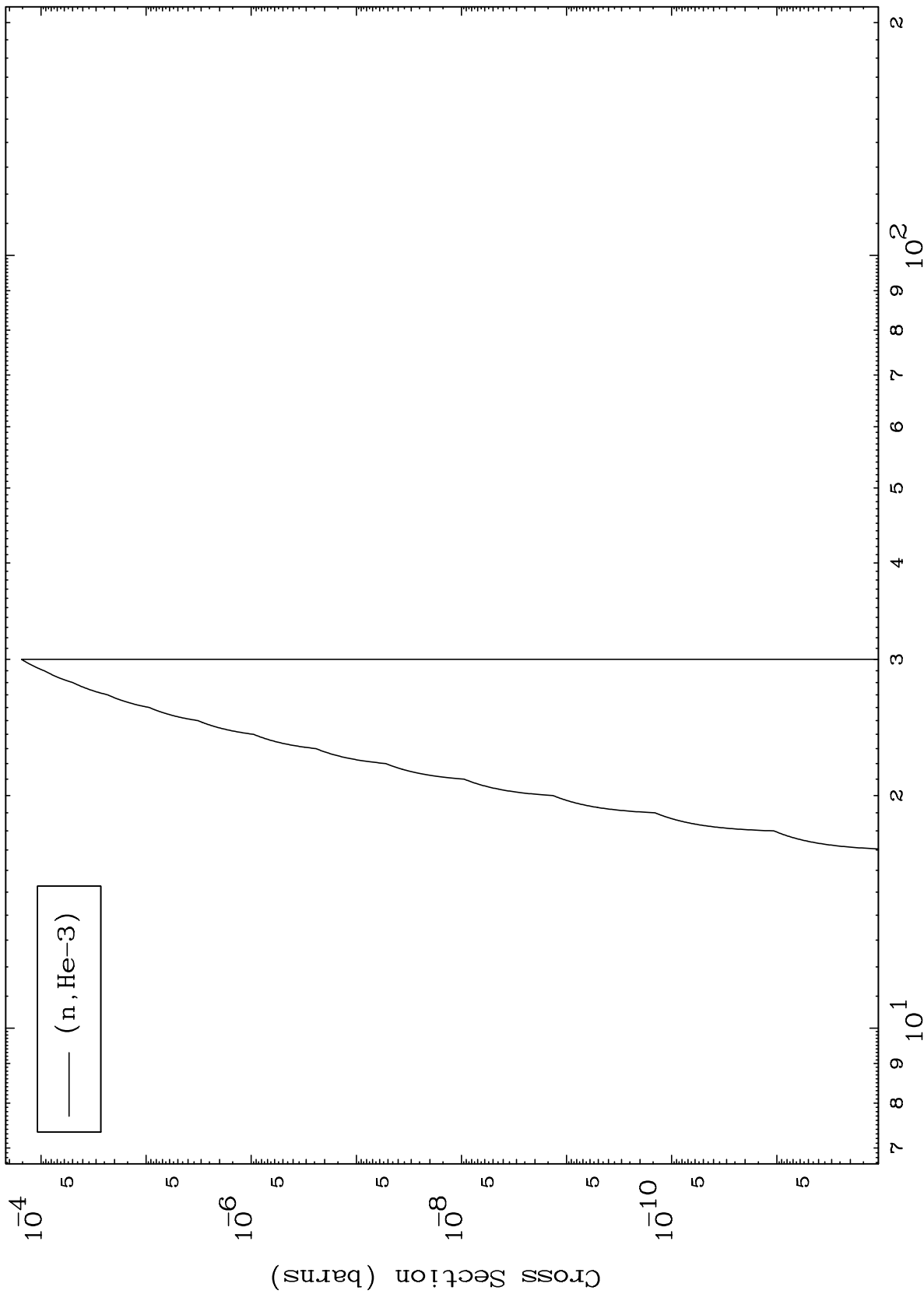
Incident Energy (MeV)

72-Hf-180

MAT 7243

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-180



15

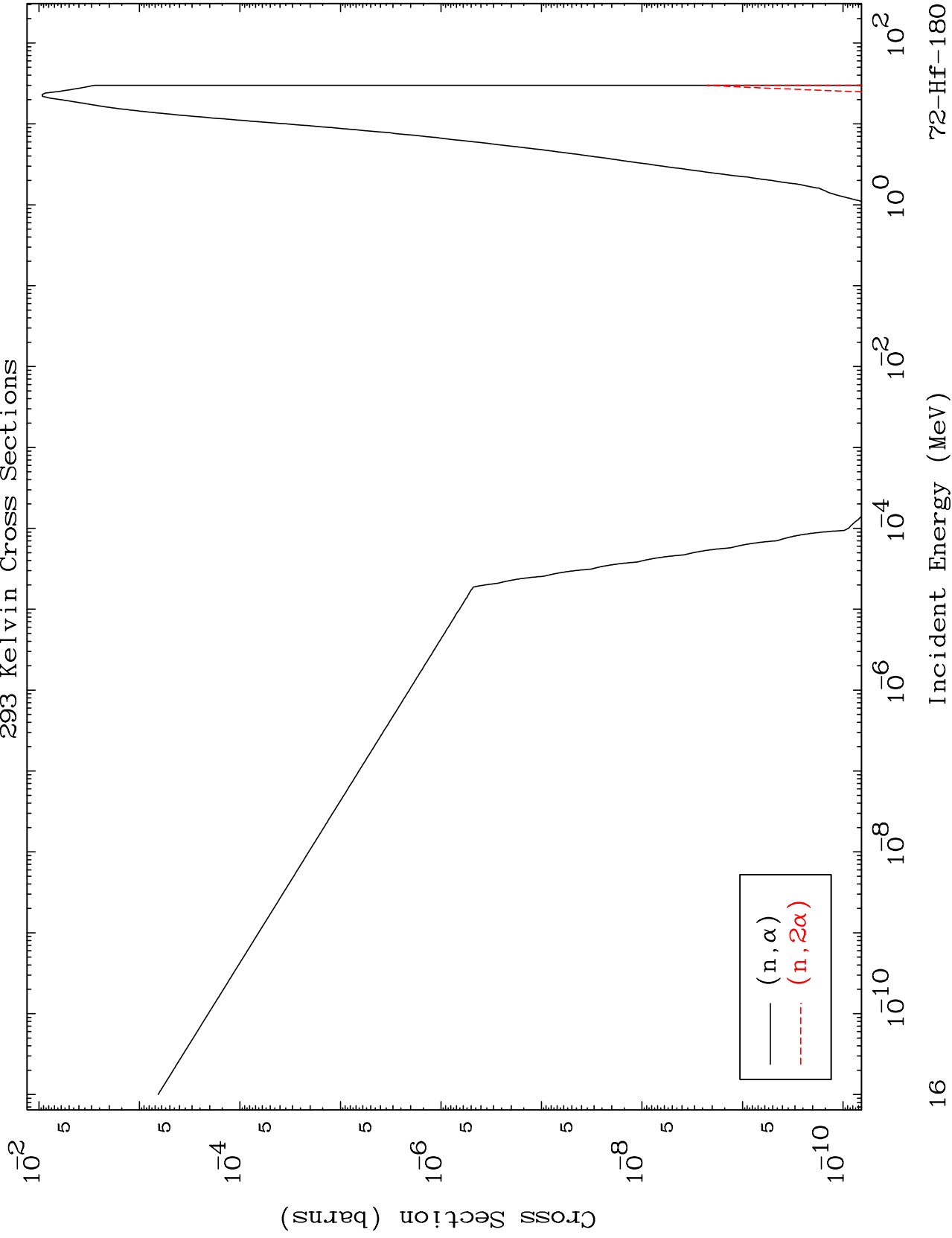
Incident Energy (MeV)

72-Hf-180

MAT 7243

(n, α) Levels
293 Kelvin Cross Sections

72-Hf-180



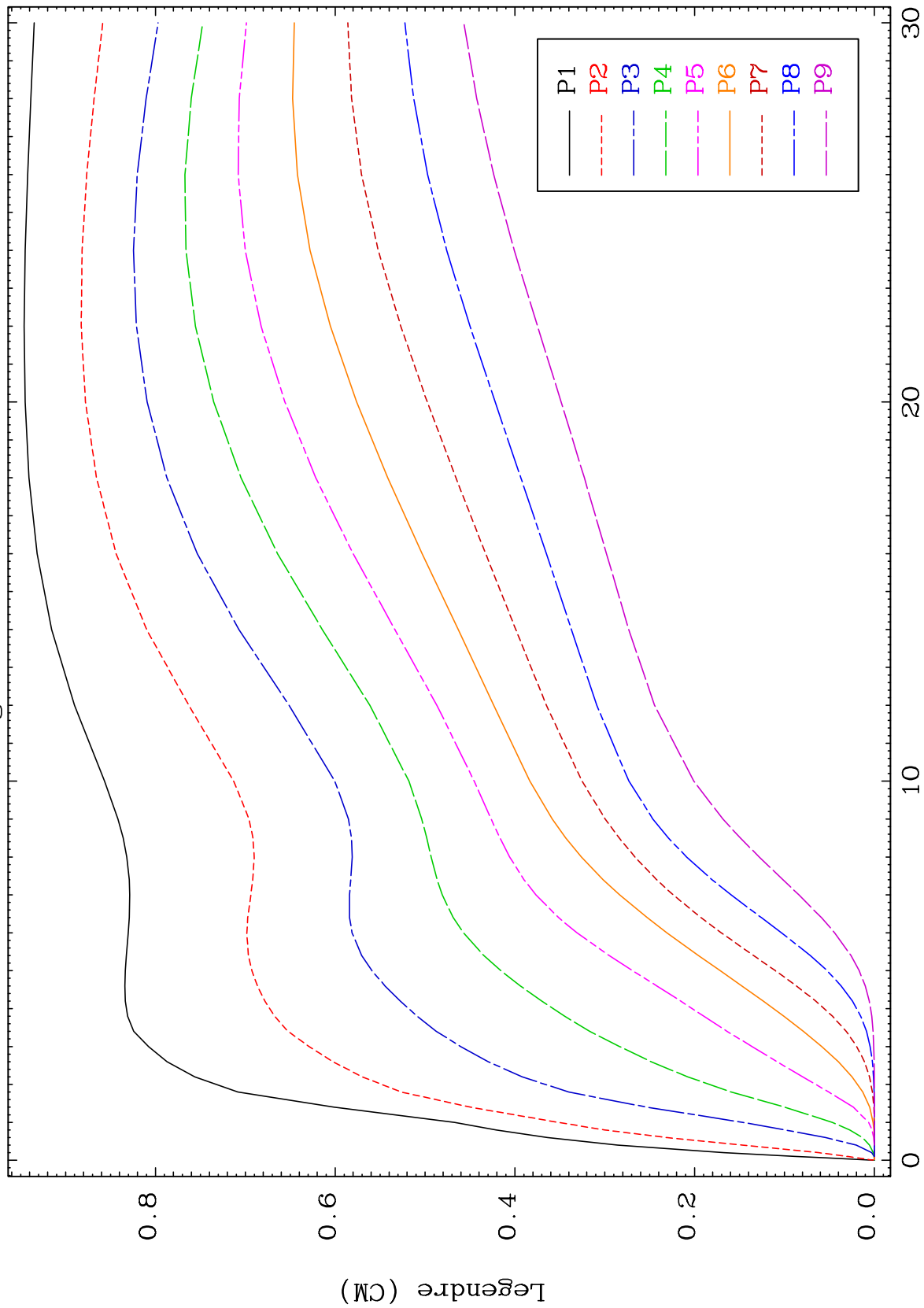
16

72-Hf-180

MAT 7243

Elastic Legendre Coefficients

72-Hf-180



17

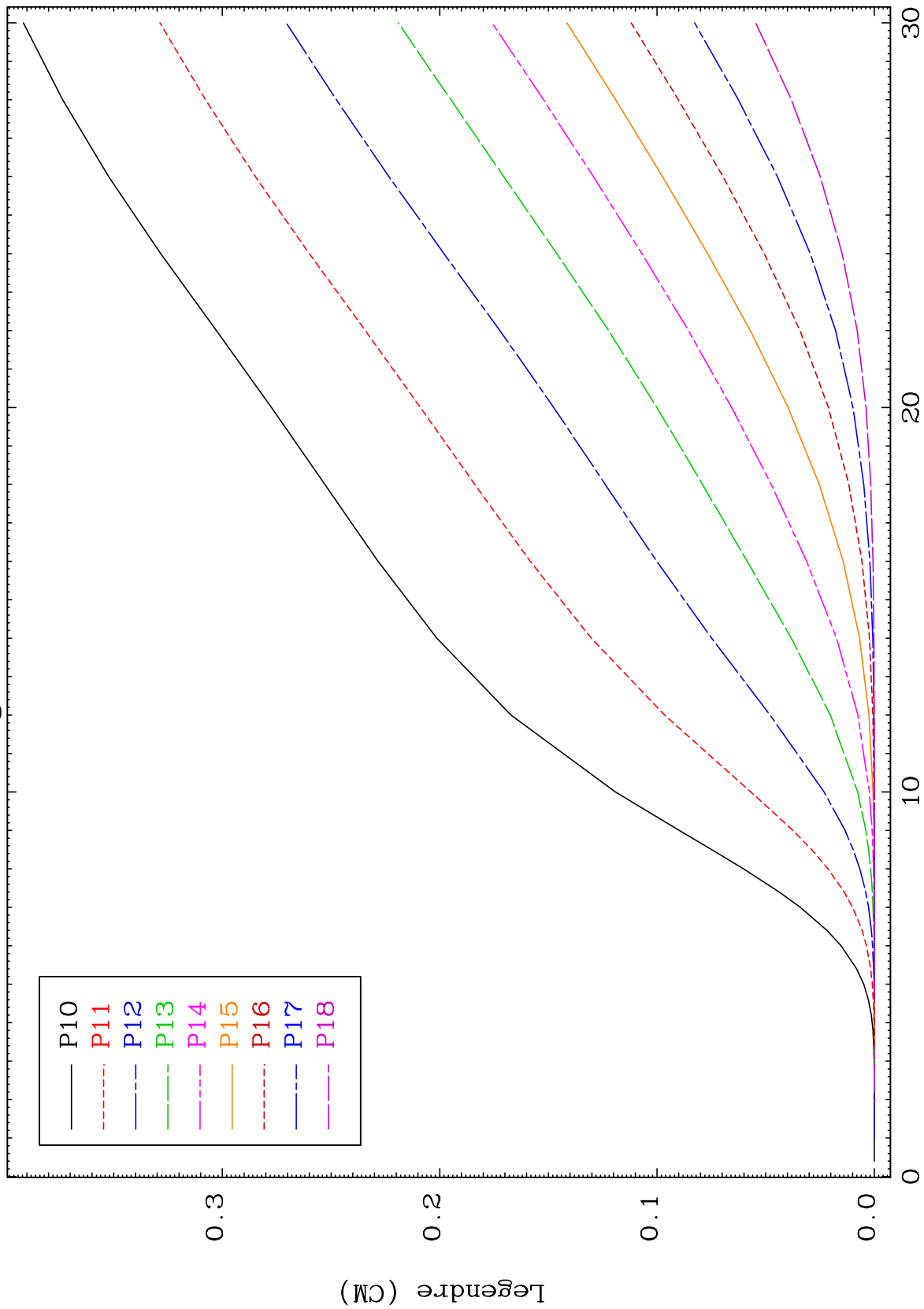
Incident Energy (MeV)

72-Hf-180

MAT 7243

Elastic Legendre Coefficients

72-Hf-180



18

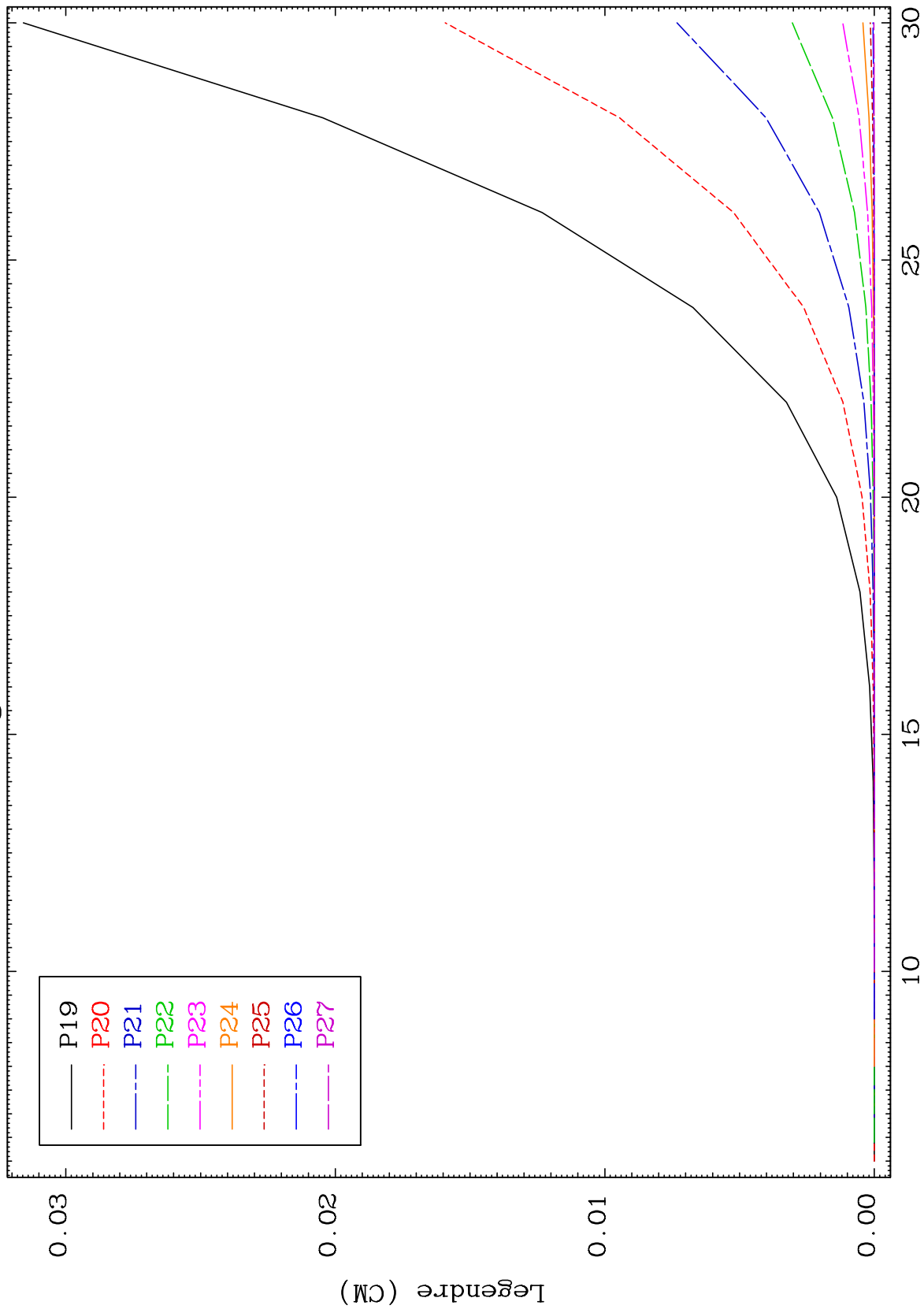
Incident Energy (MeV)

72-Hf-180

MAT 7243

Elastic Legendre Coefficients

72-Hf-180



19

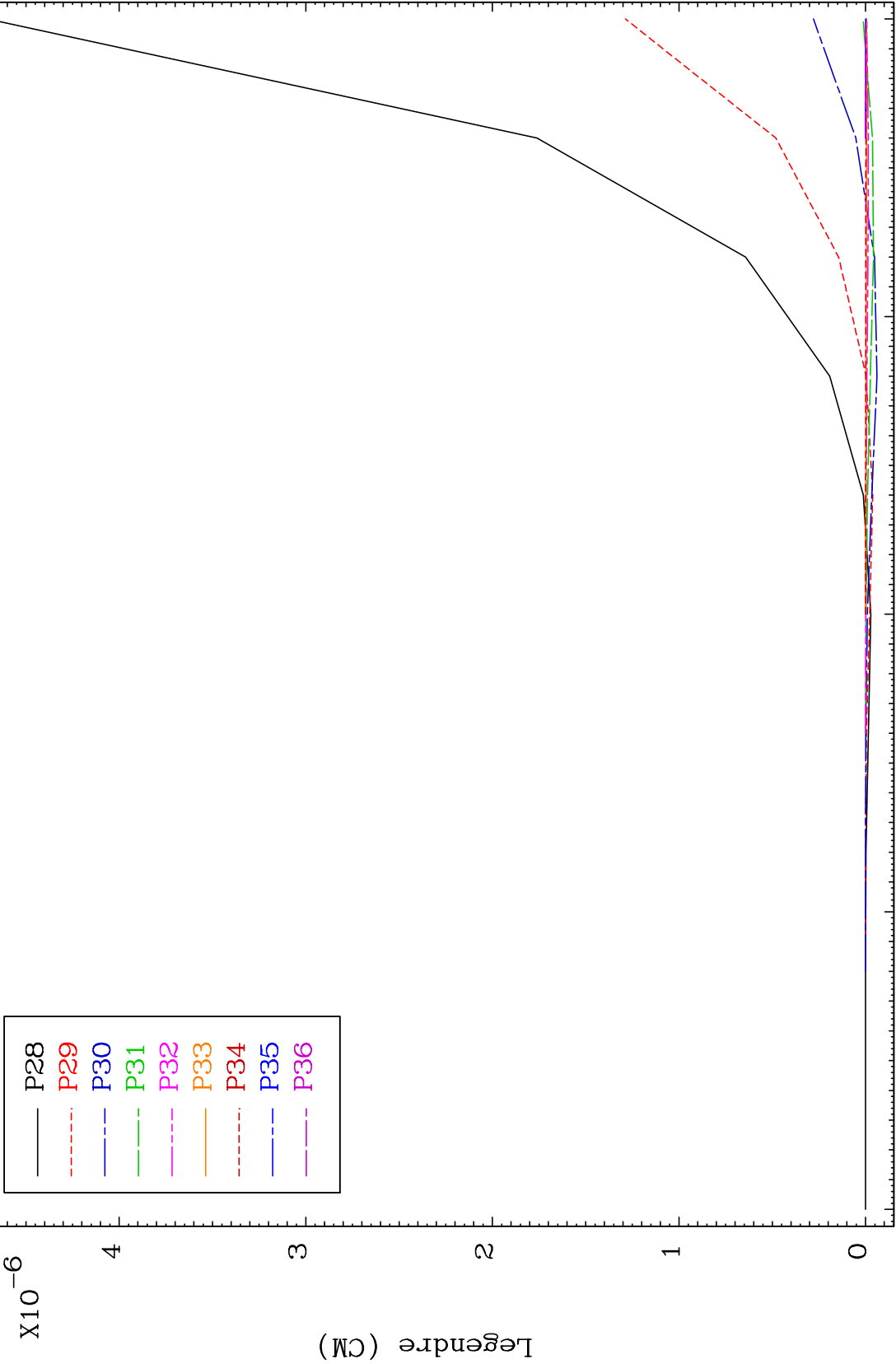
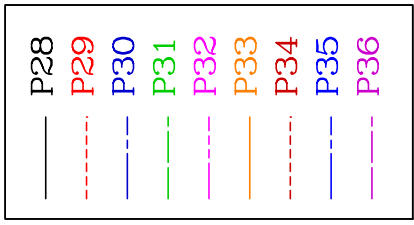
Incident Energy (MeV)

72-Hf-180

MAT 7243

Elastic Legendre Coefficients

72-Hf-180



72-Hf-180

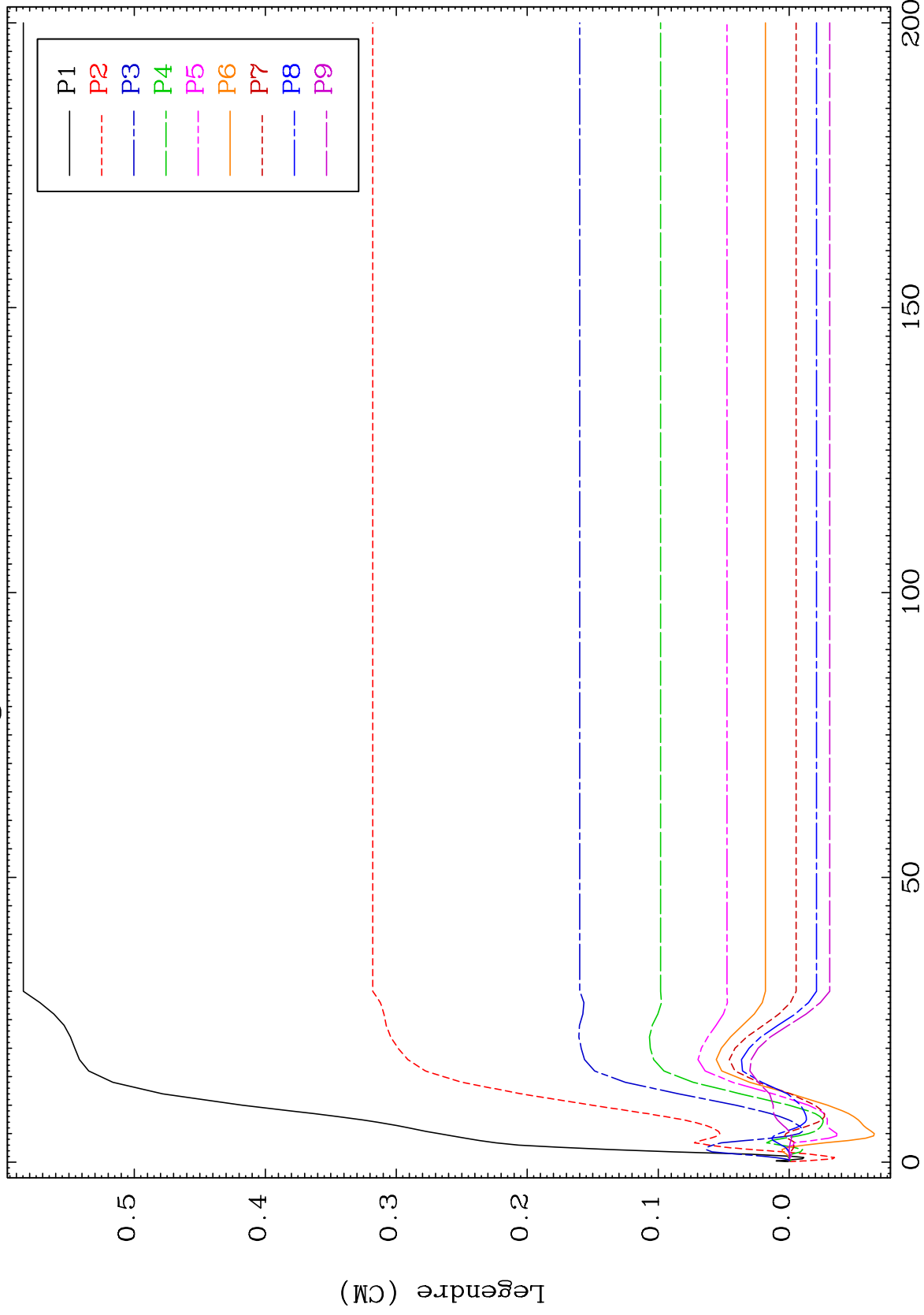
Incident Energy (MeV)

20

MAT 7243

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

72-Hf-180



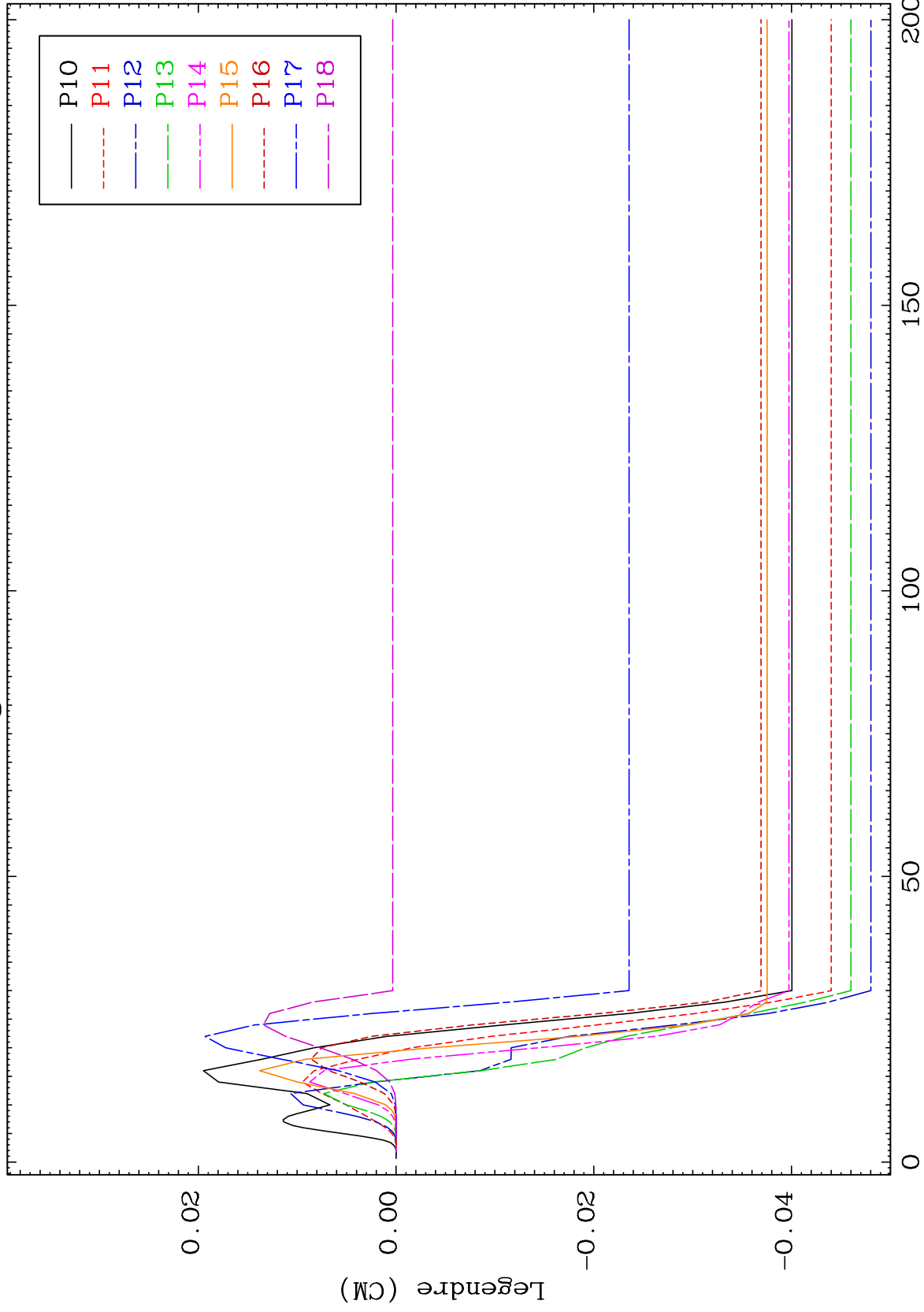
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72-Hf-180

MAT 7243

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

72-Hf-180



22

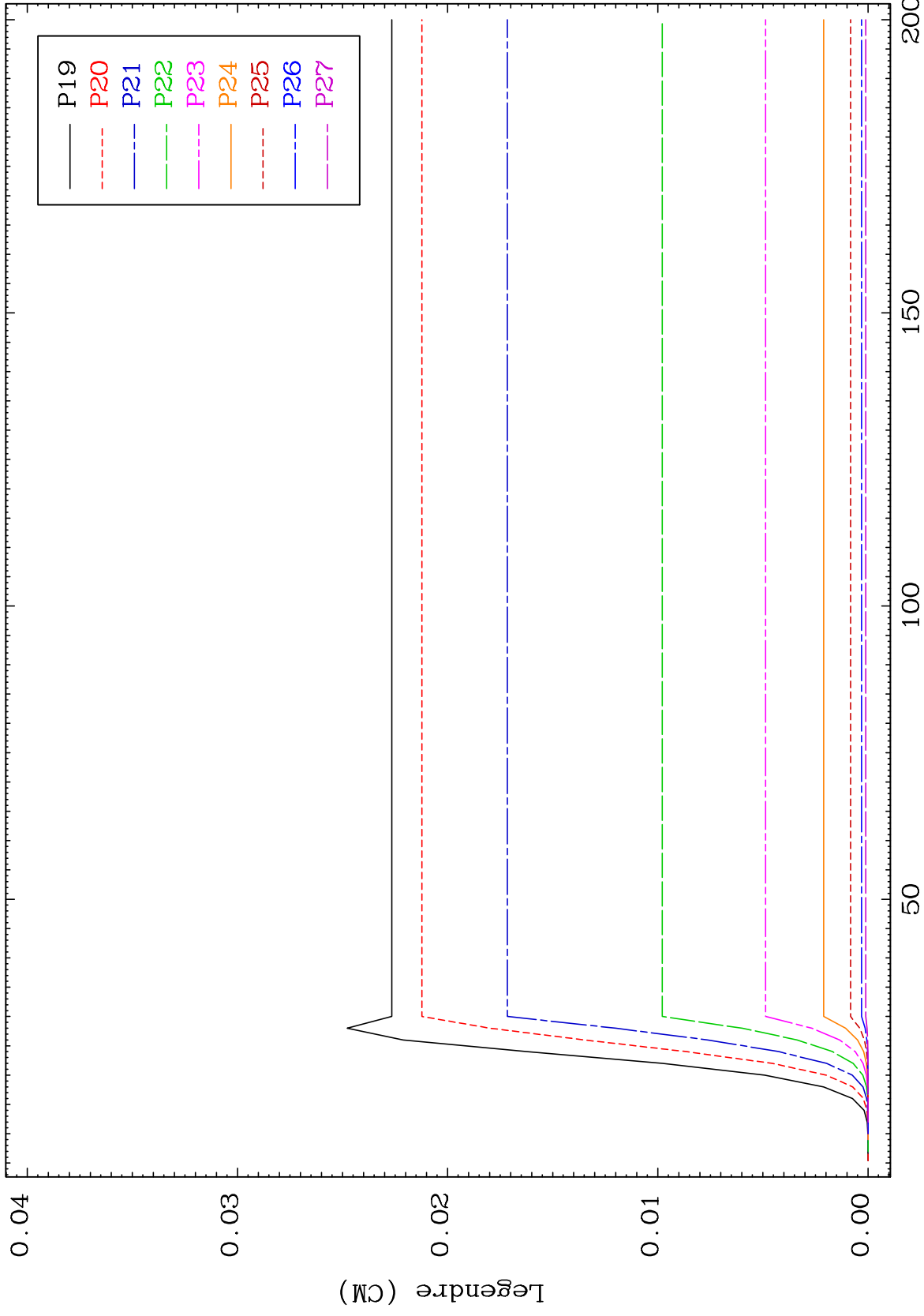
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

72-Hf-180



23

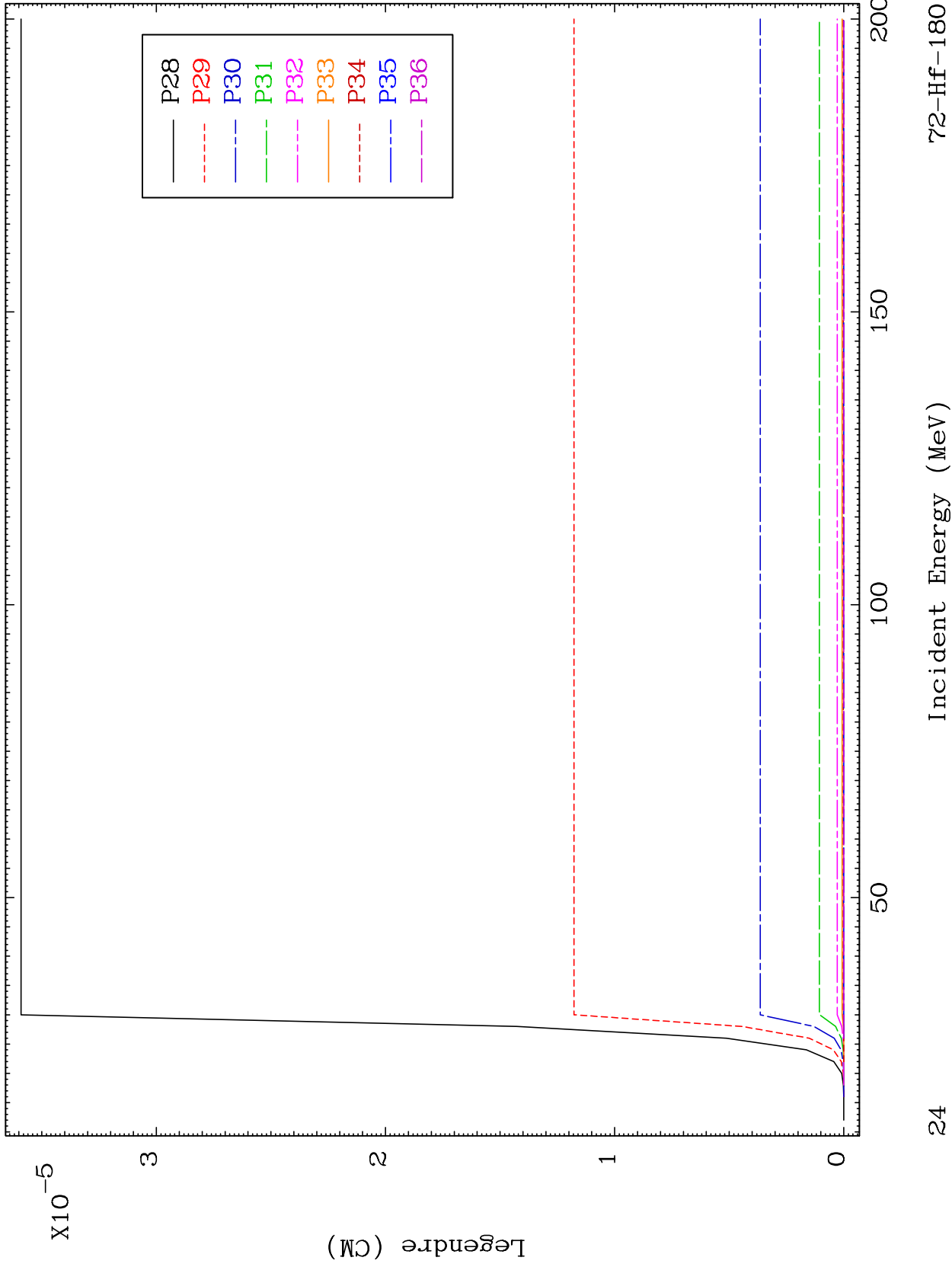
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

72-Hf-180

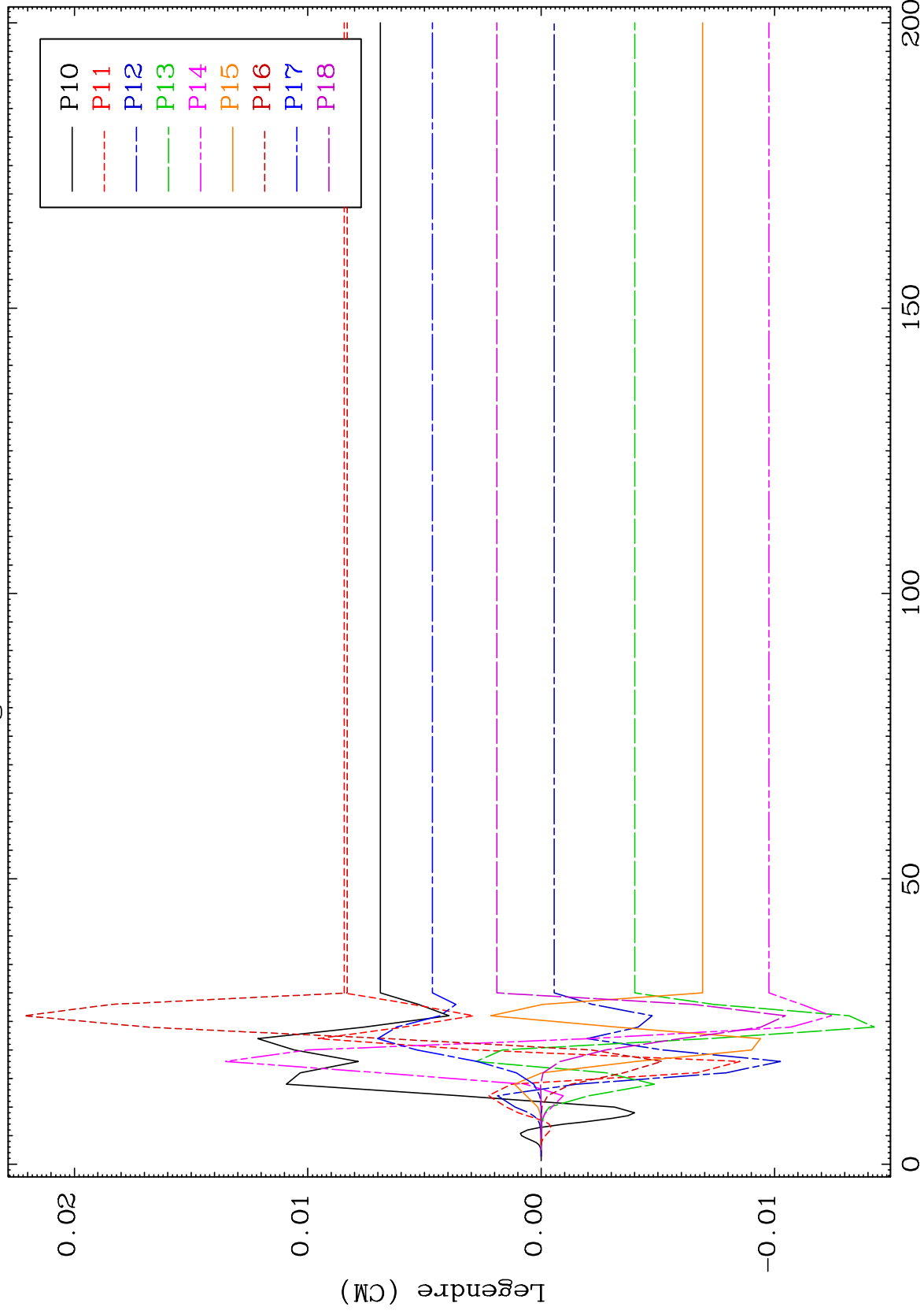


24

MAT 7243

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

72-Hf-180



26

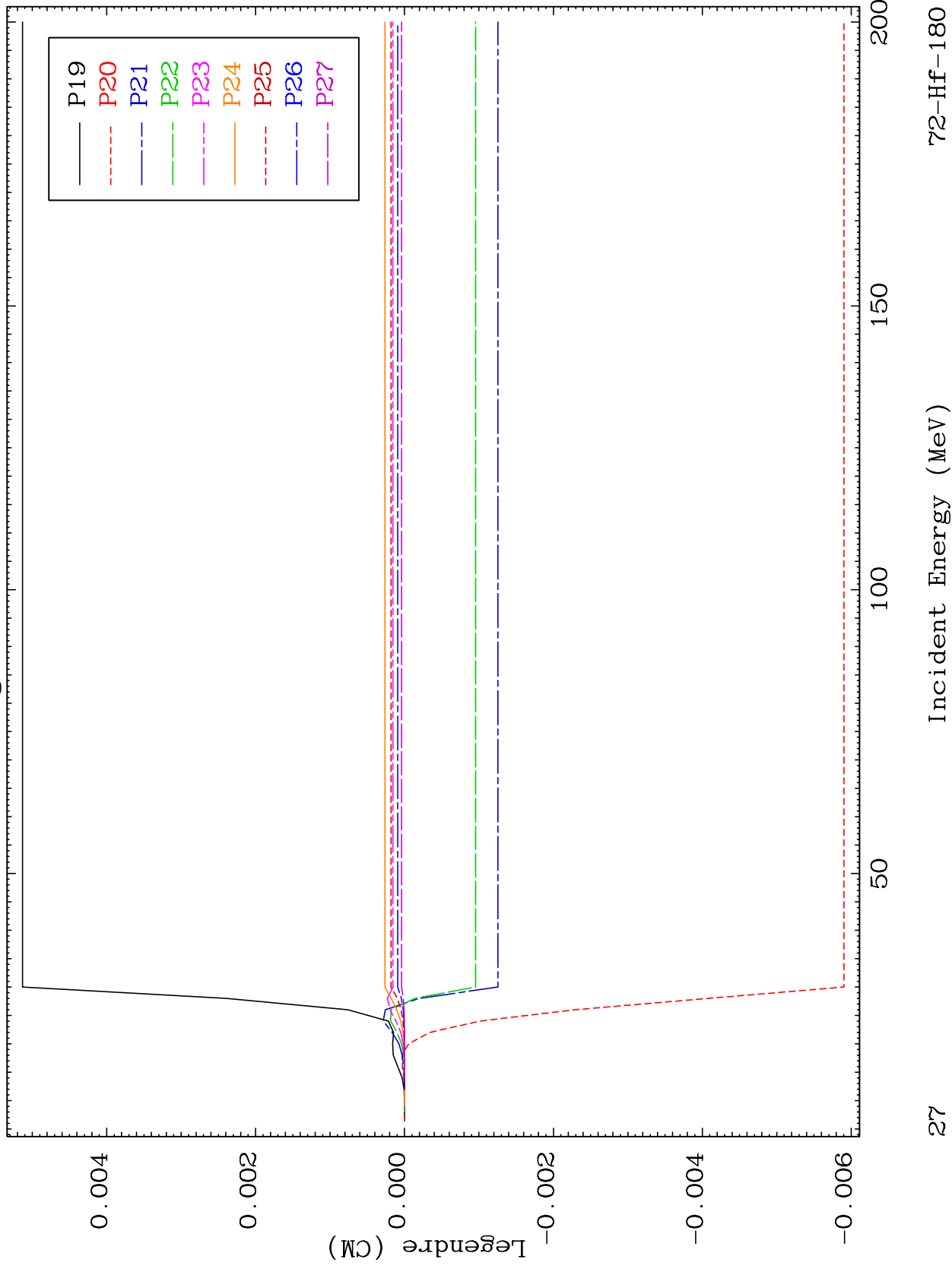
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

72-Hf-180



27

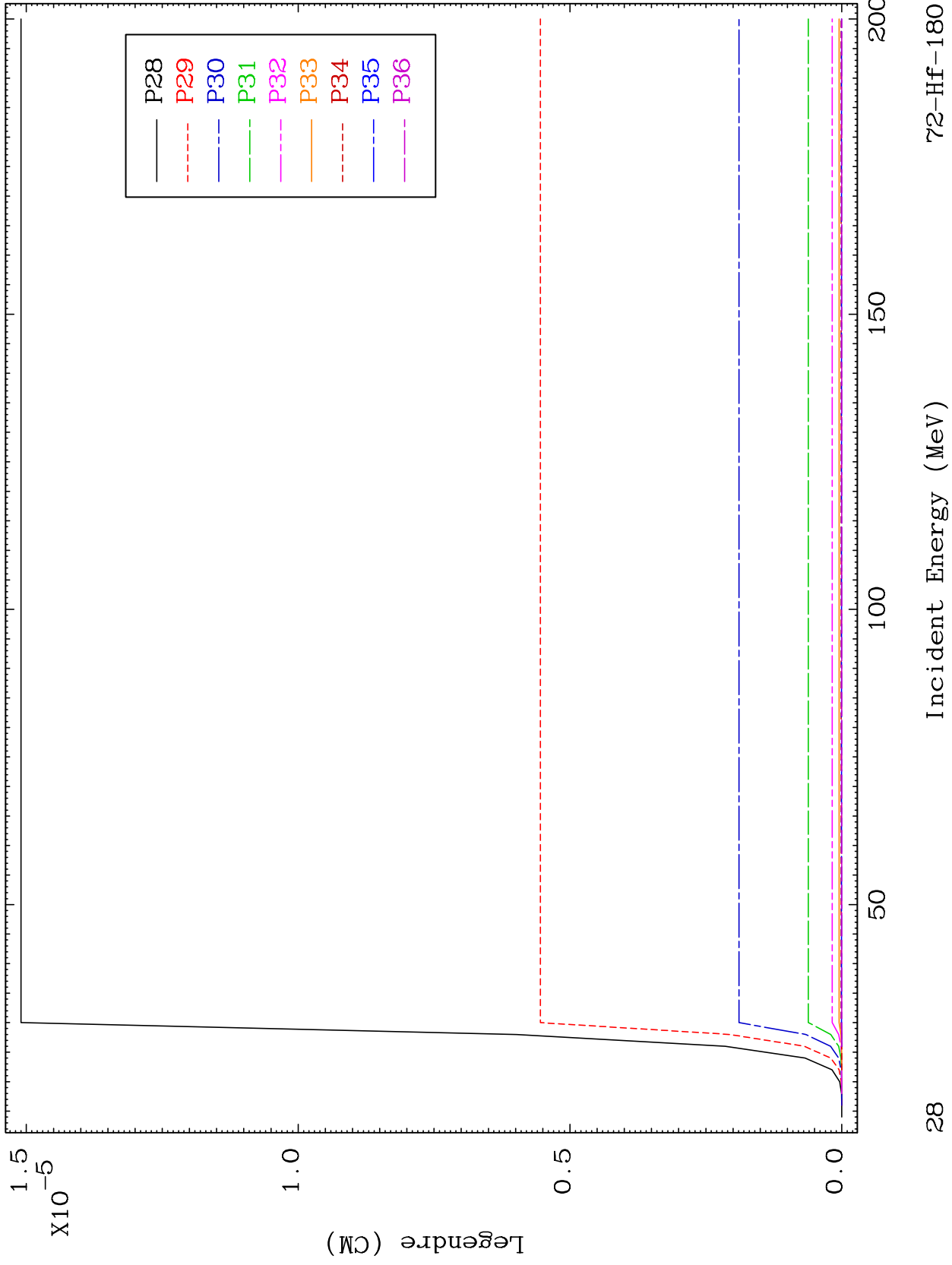
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

72-Hf-180



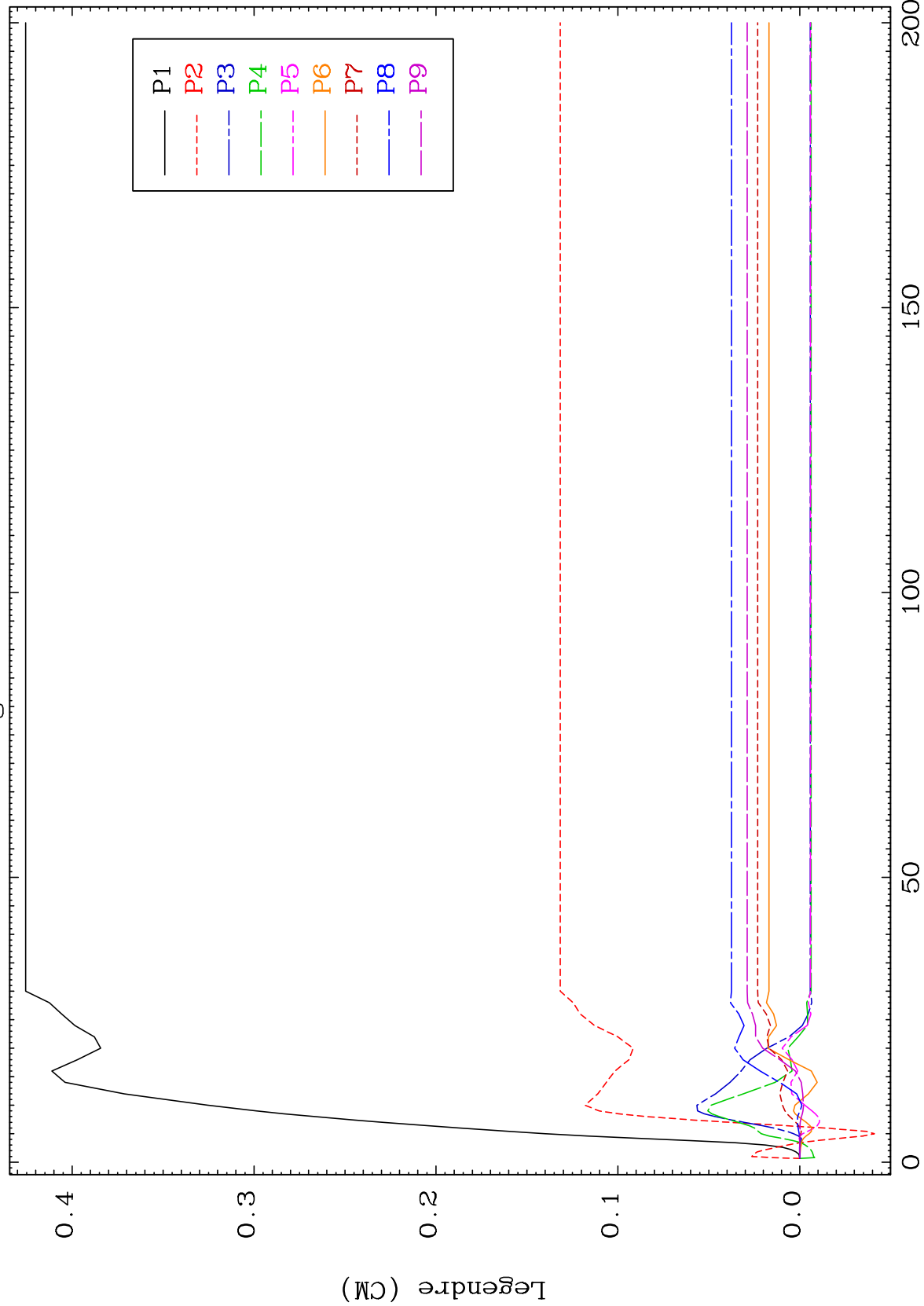
28

72-Hf-180

MAT 7243

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

72-Hf-180



29

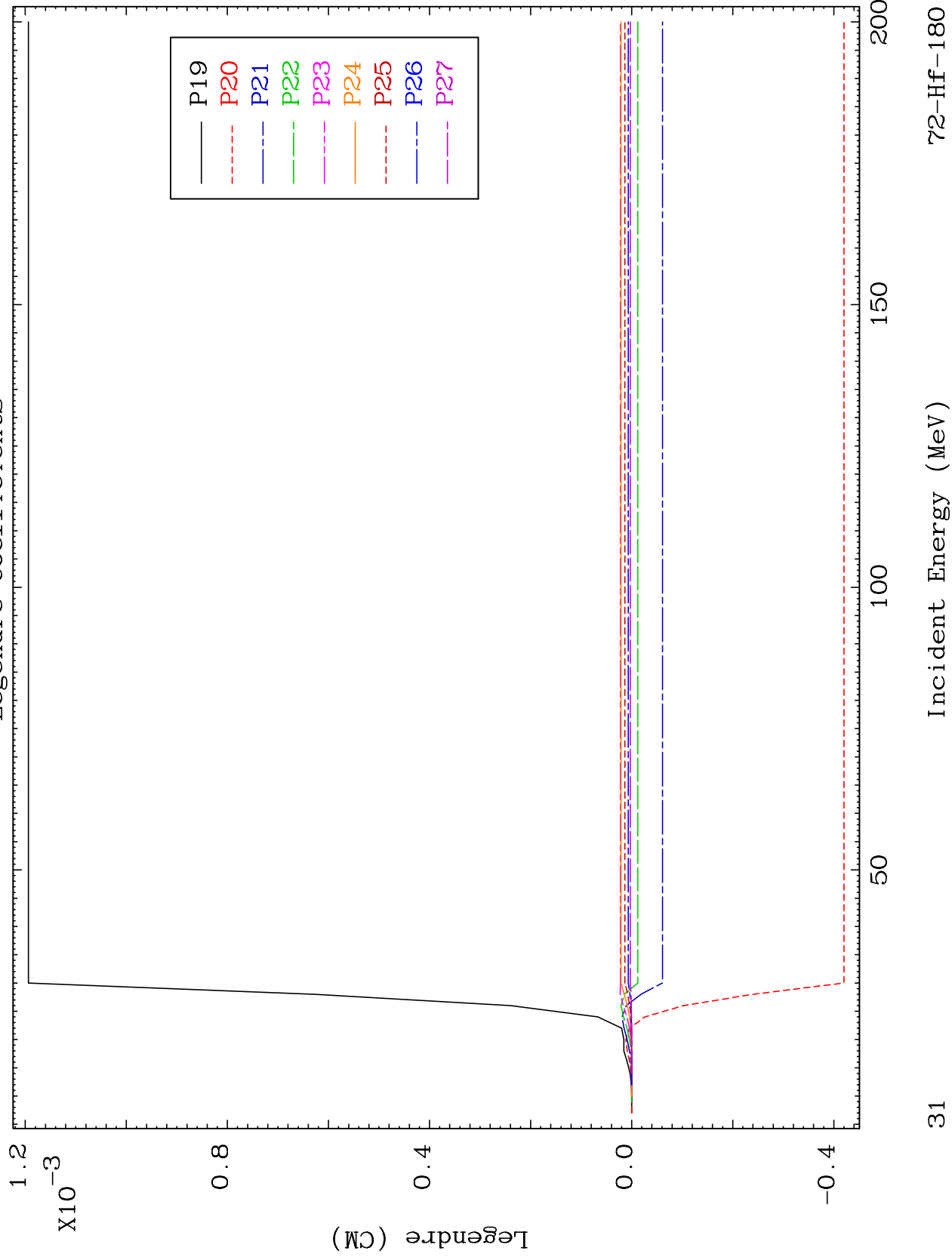
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

72-Hf-180



31

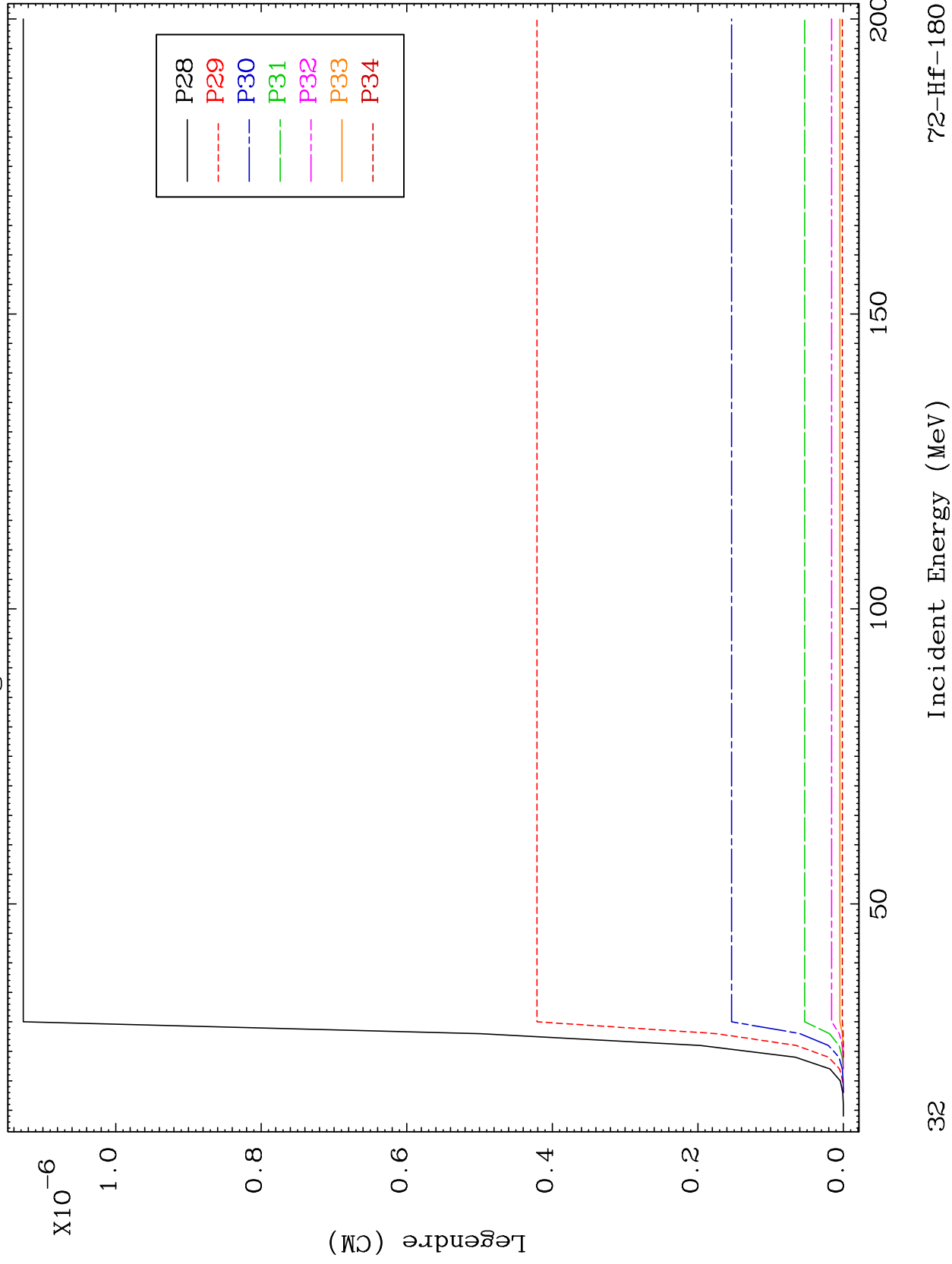
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

72-Hf-180

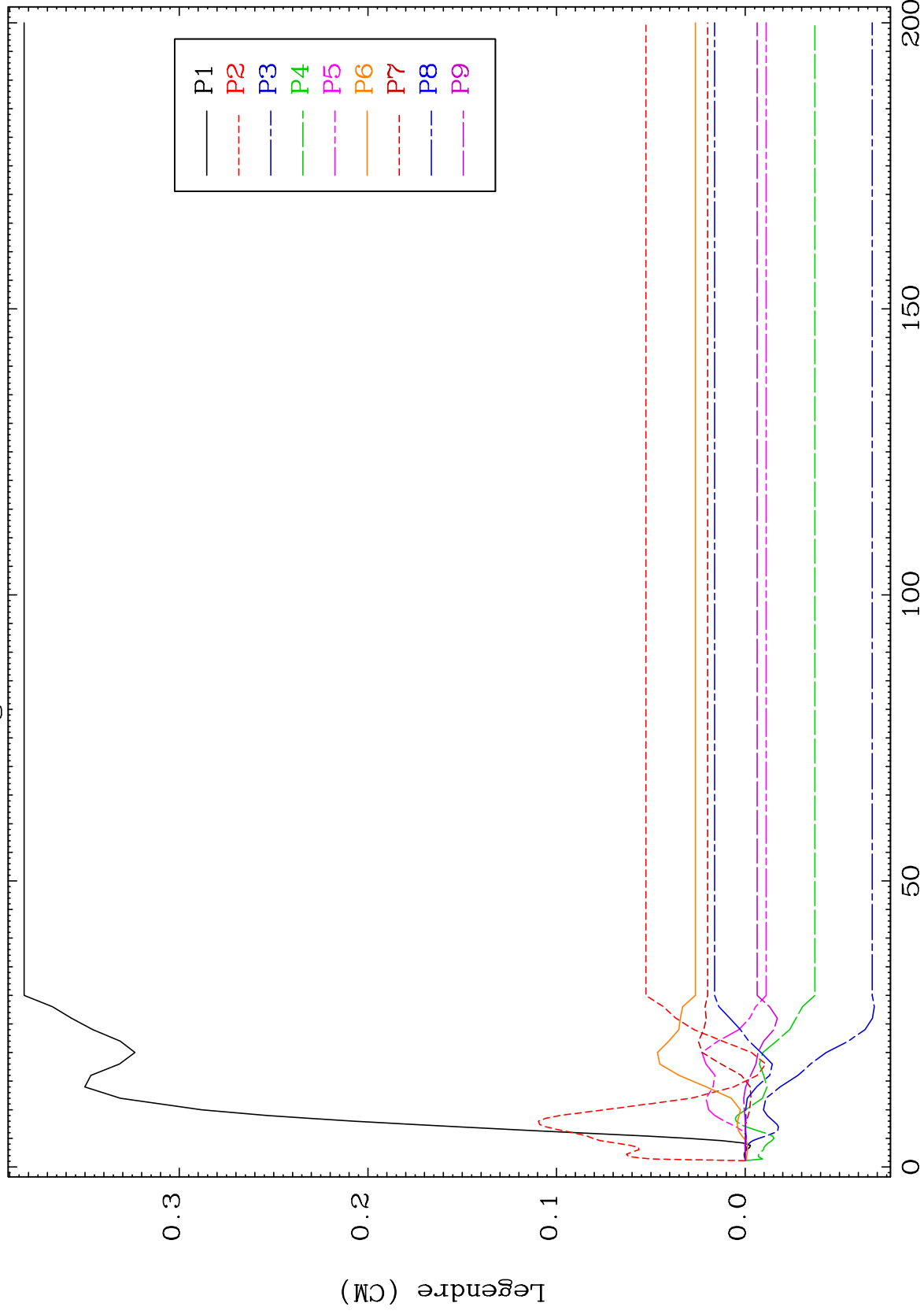


32

MAT 7243

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

72-Hf-180



33

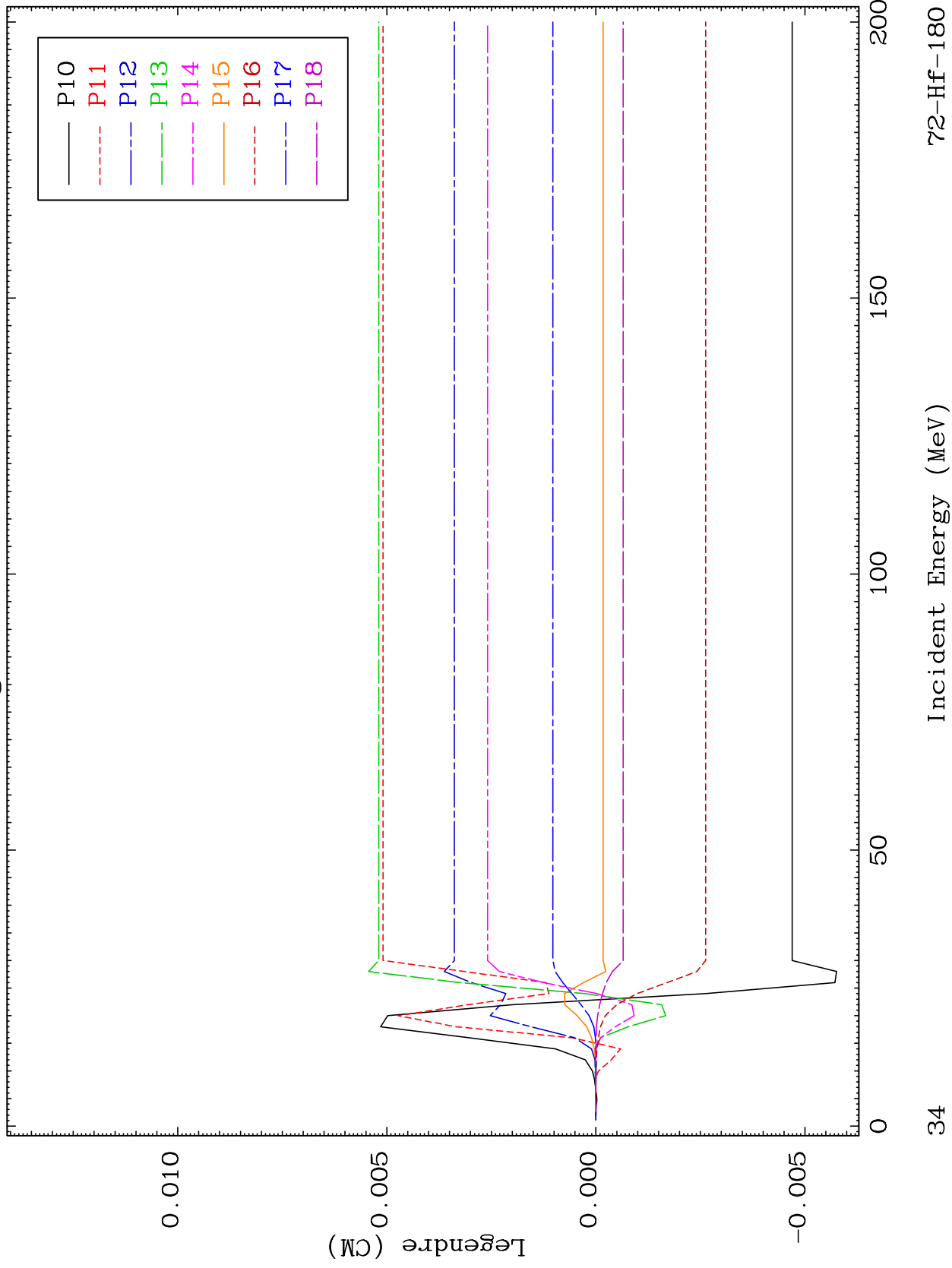
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

72-Hf-180



34

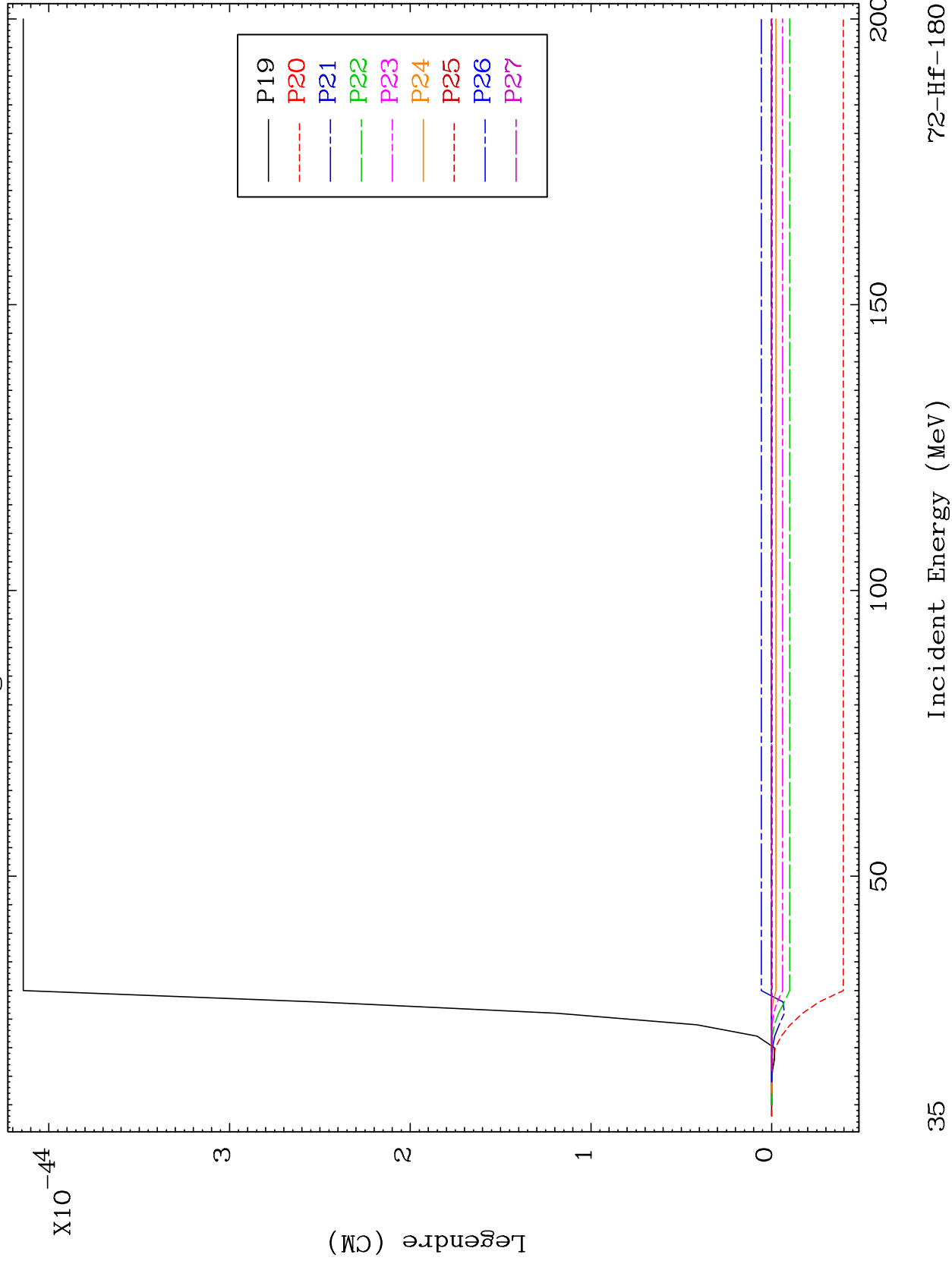
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

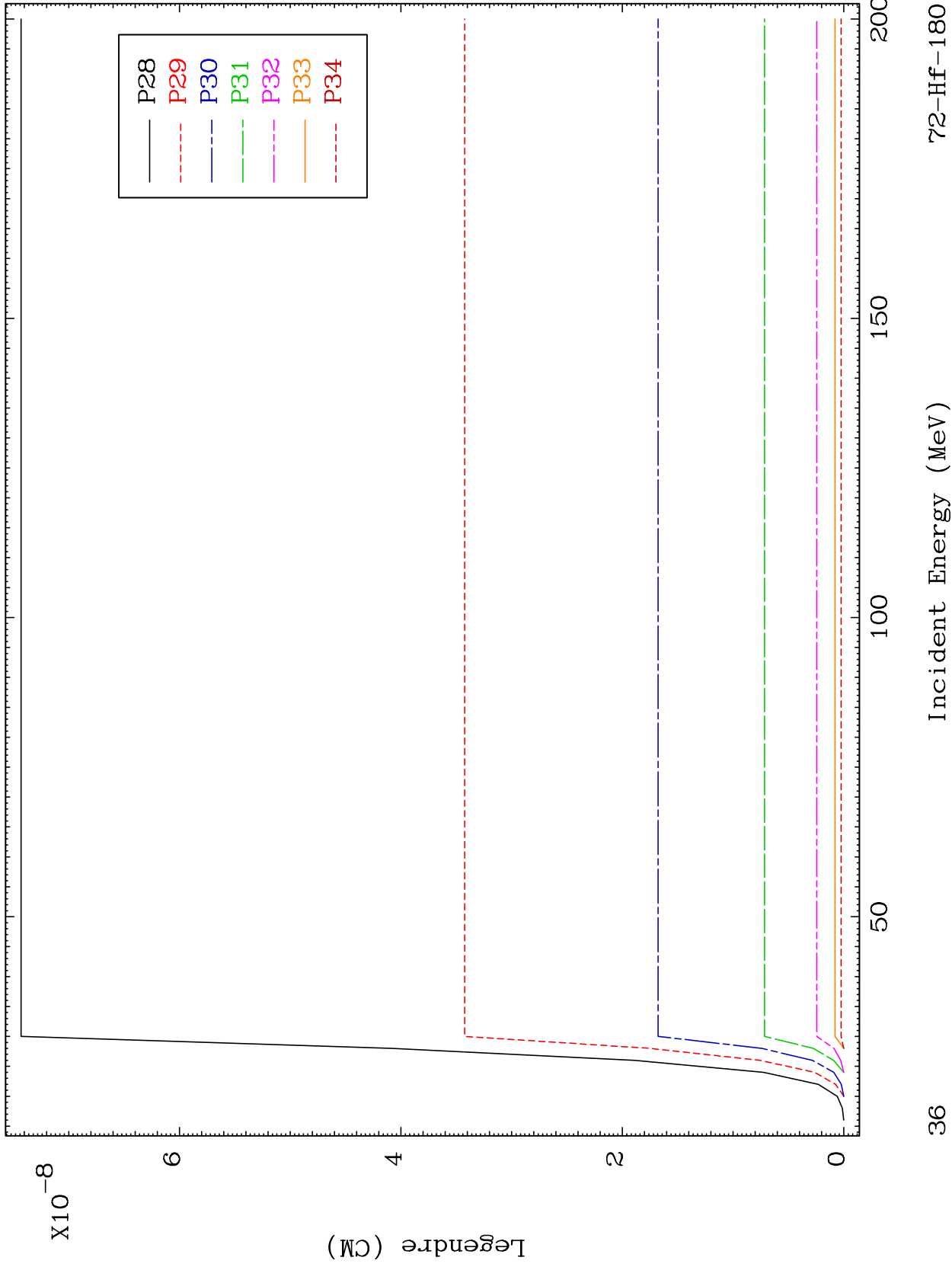
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MAT 7243

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

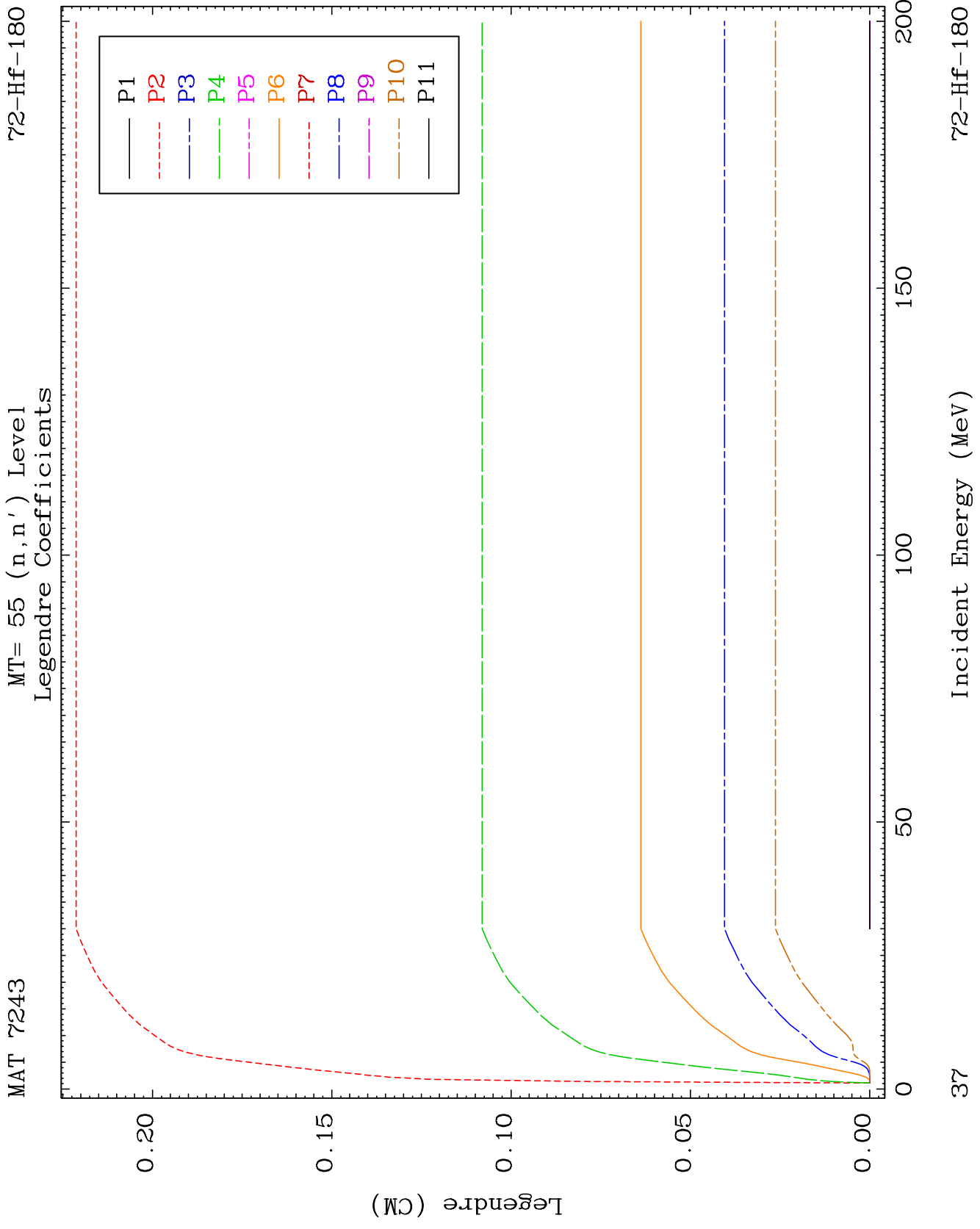
72-Hf-180



36

Incident Energy (MeV)

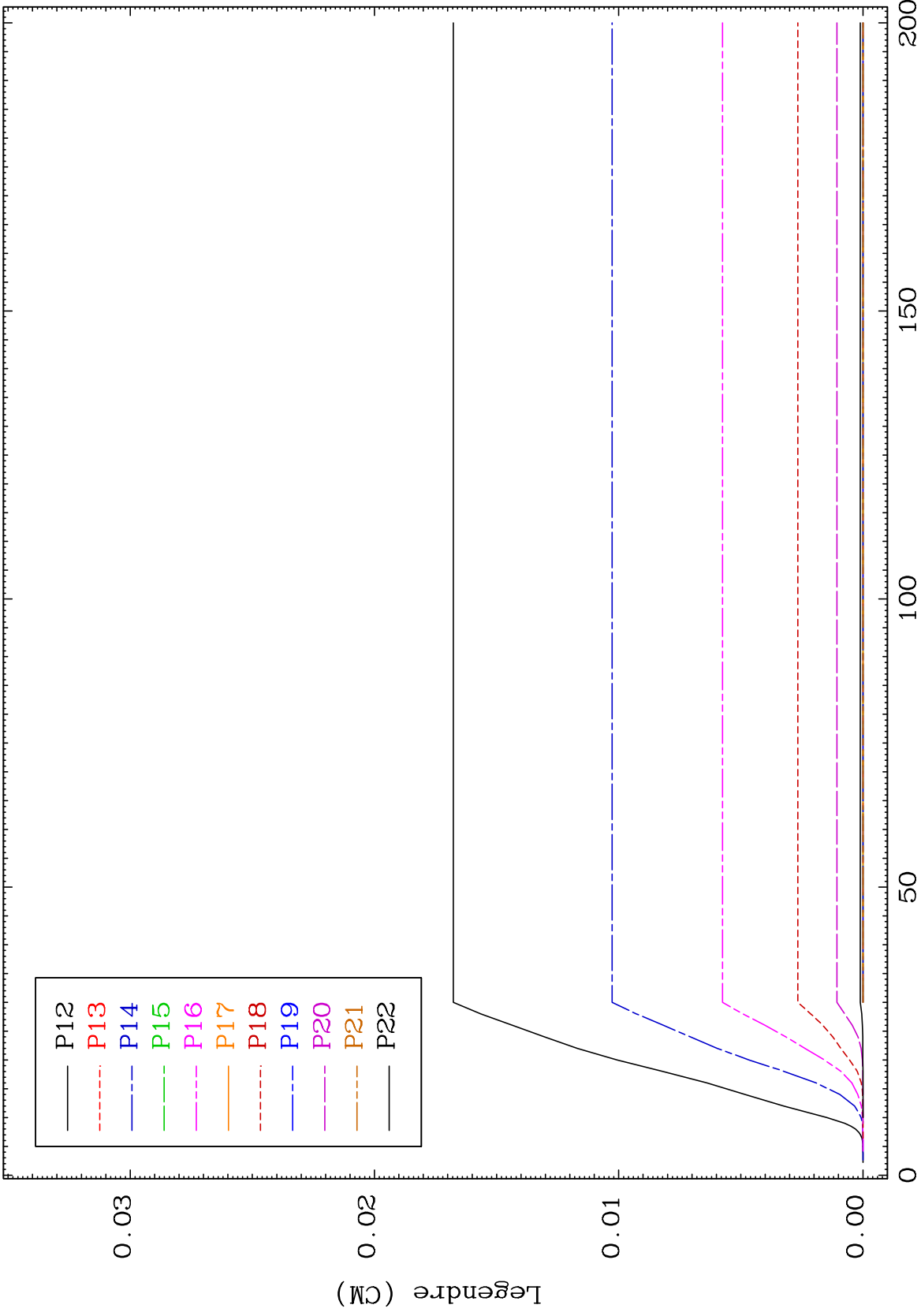
72-Hf-180



MAT 7243

MT= 55 (n,n') Level
Legendre Coefficients

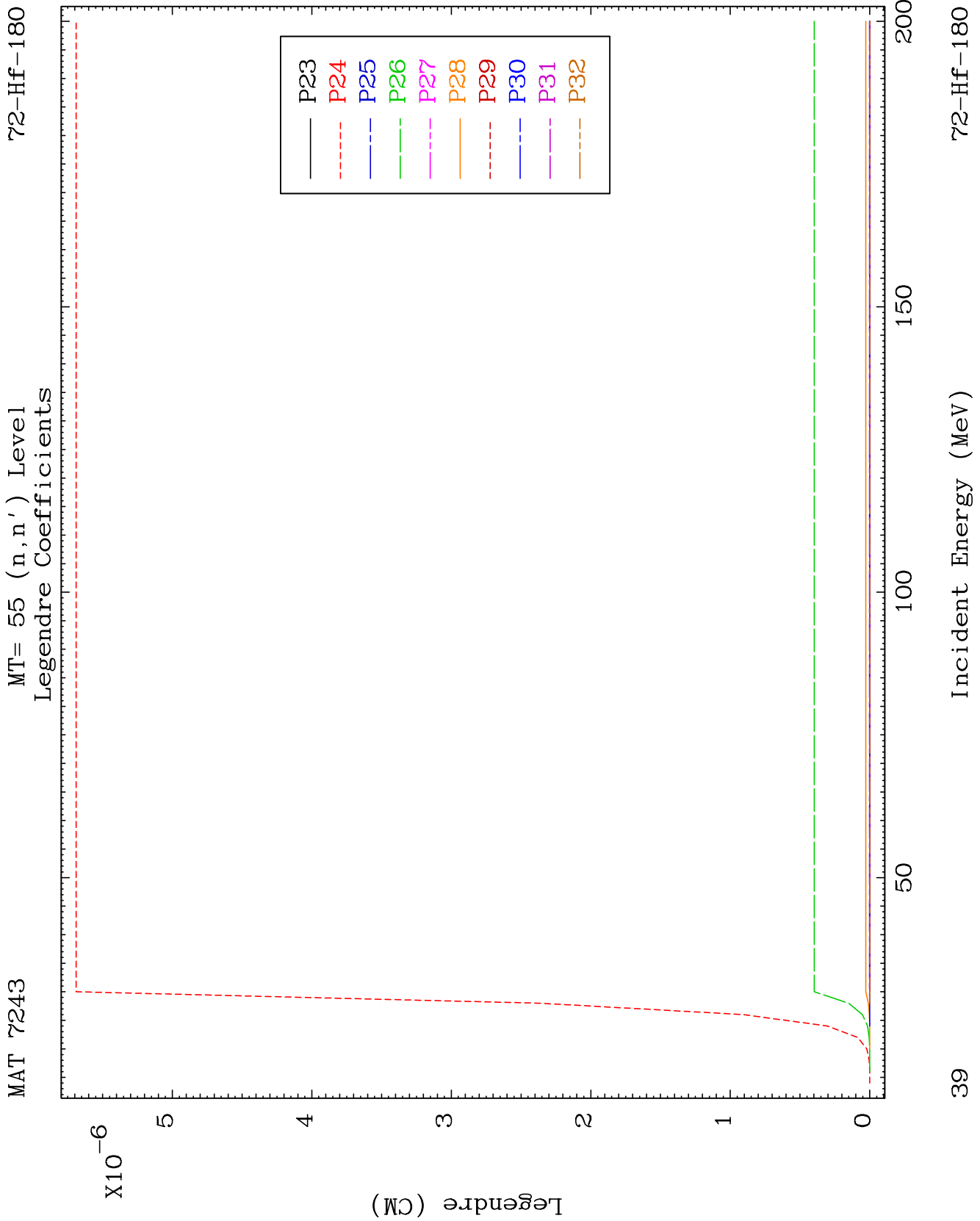
72-Hf-180



38

Incident Energy (MeV)

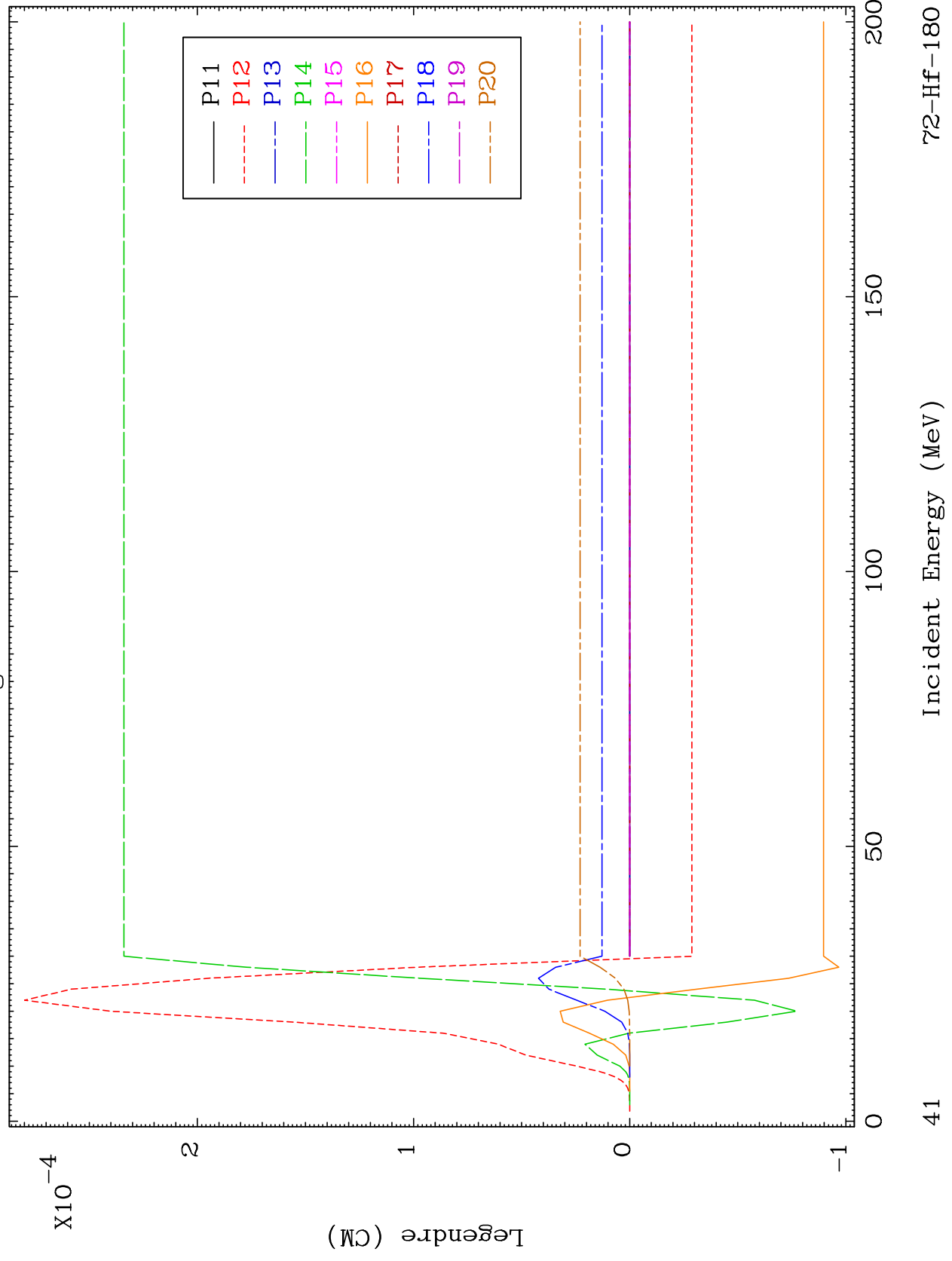
72-Hf-180



MAT 7243

MT= 56 (n,n') Level
Legendre Coefficients

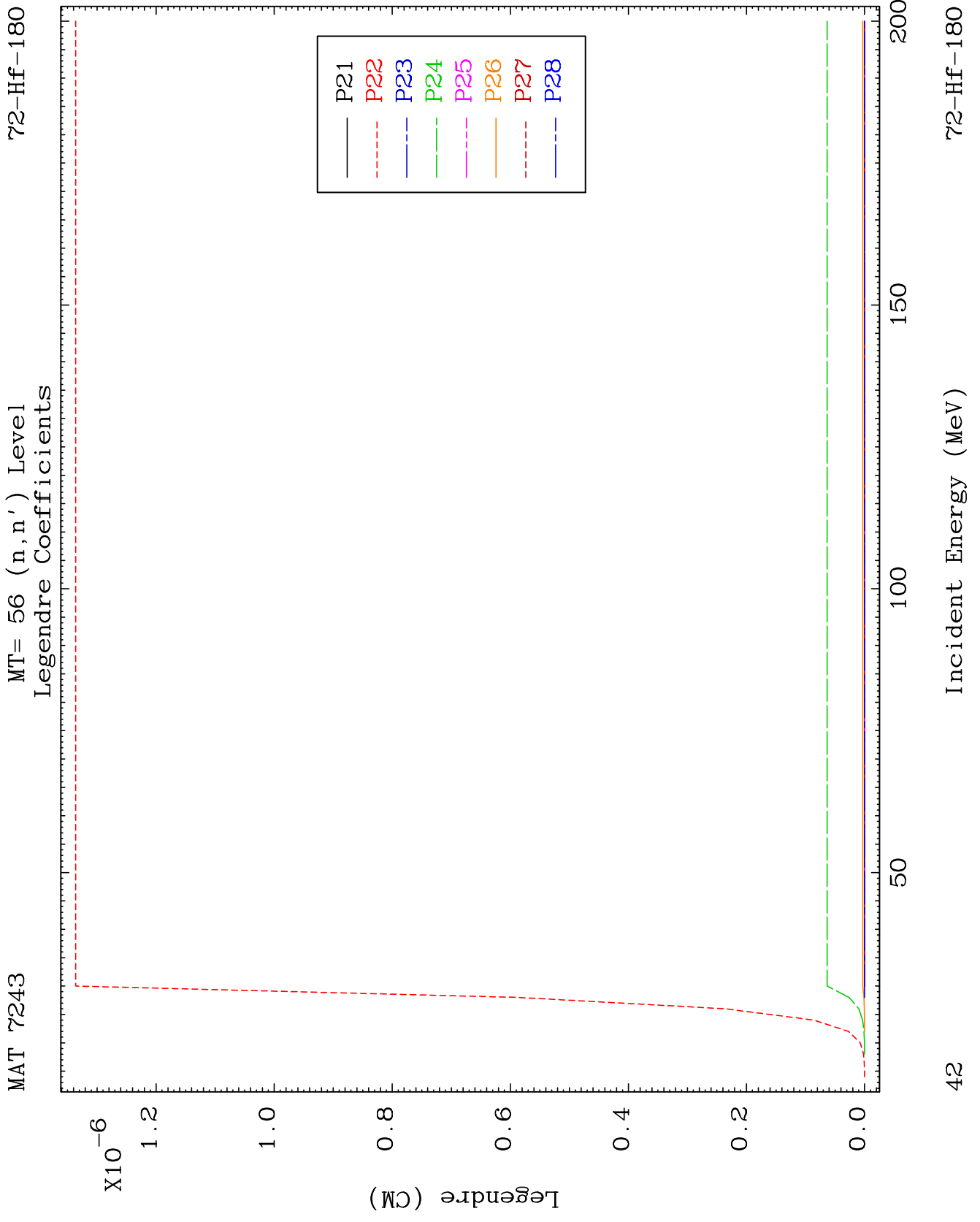
72-Hf-180



41

Incident Energy (MeV)

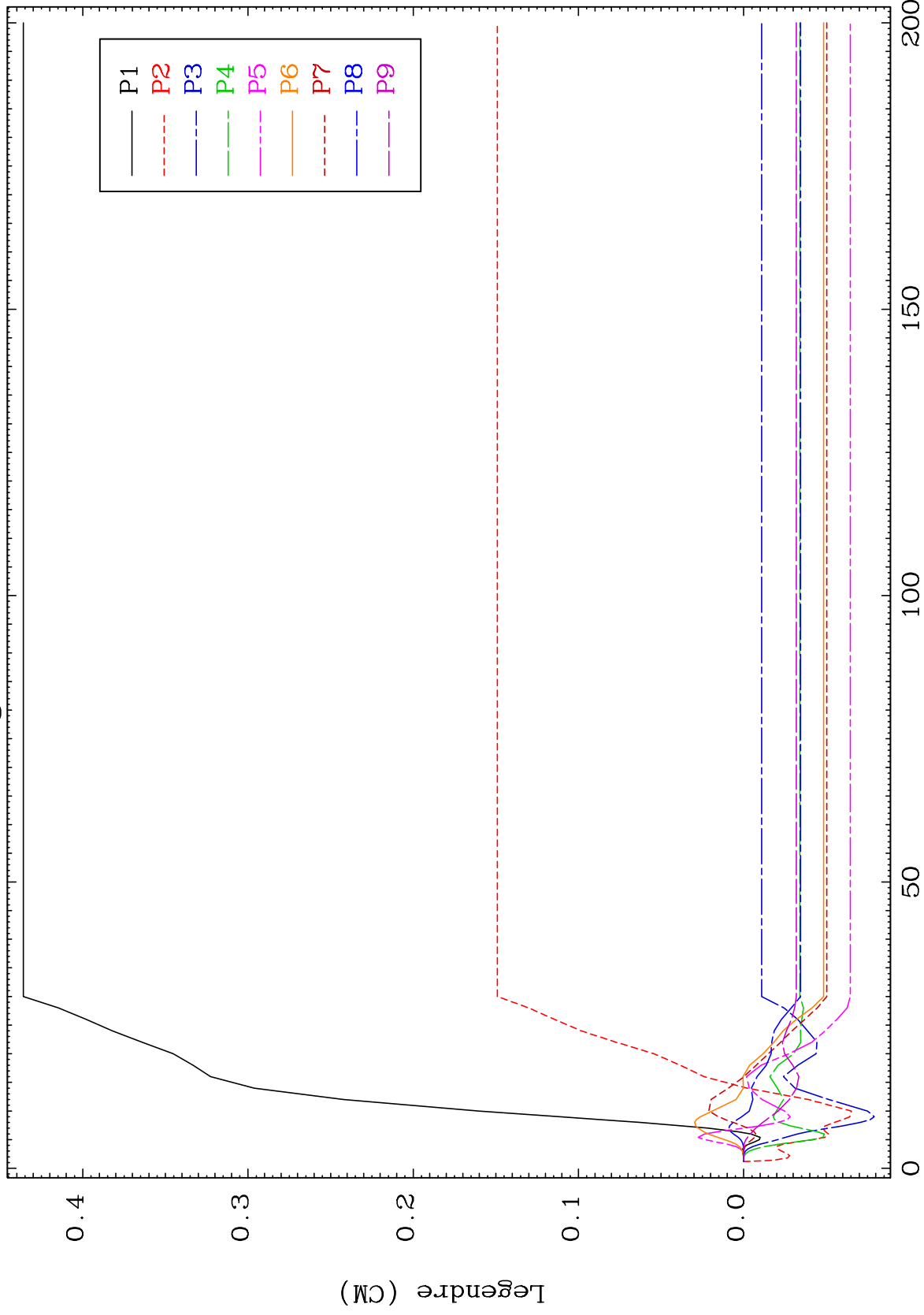
72-Hf-180



MAT 7243

MT= 57 (n,n') Level
Legendre Coefficients

72-Hf-180



72-Hf-180

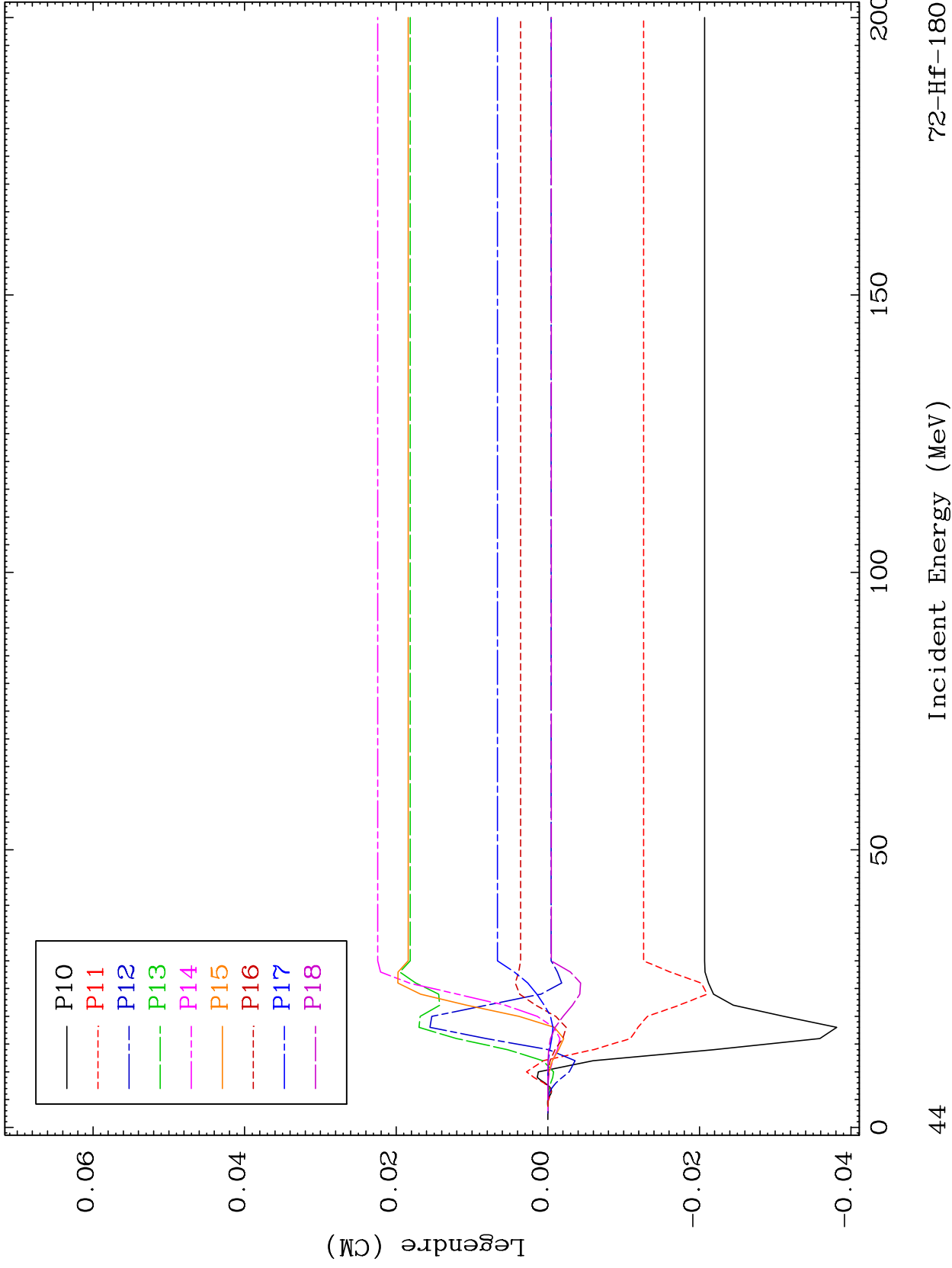
Incident Energy (MeV)

43

MAT 7243

MT= 57 (n,n') Level
Legendre Coefficients

72-Hf-180



44

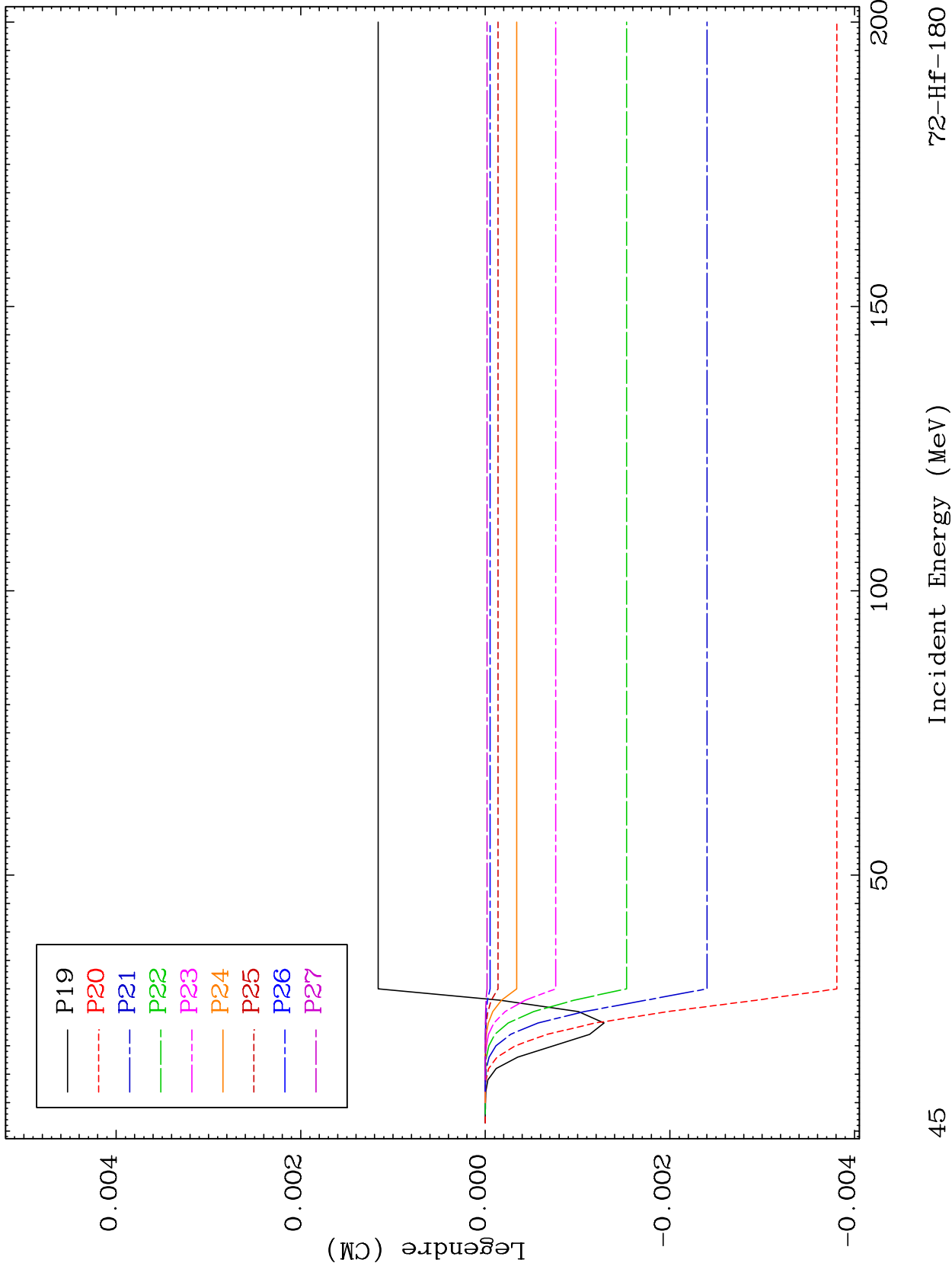
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 57 (n,n') Level
Legendre Coefficients

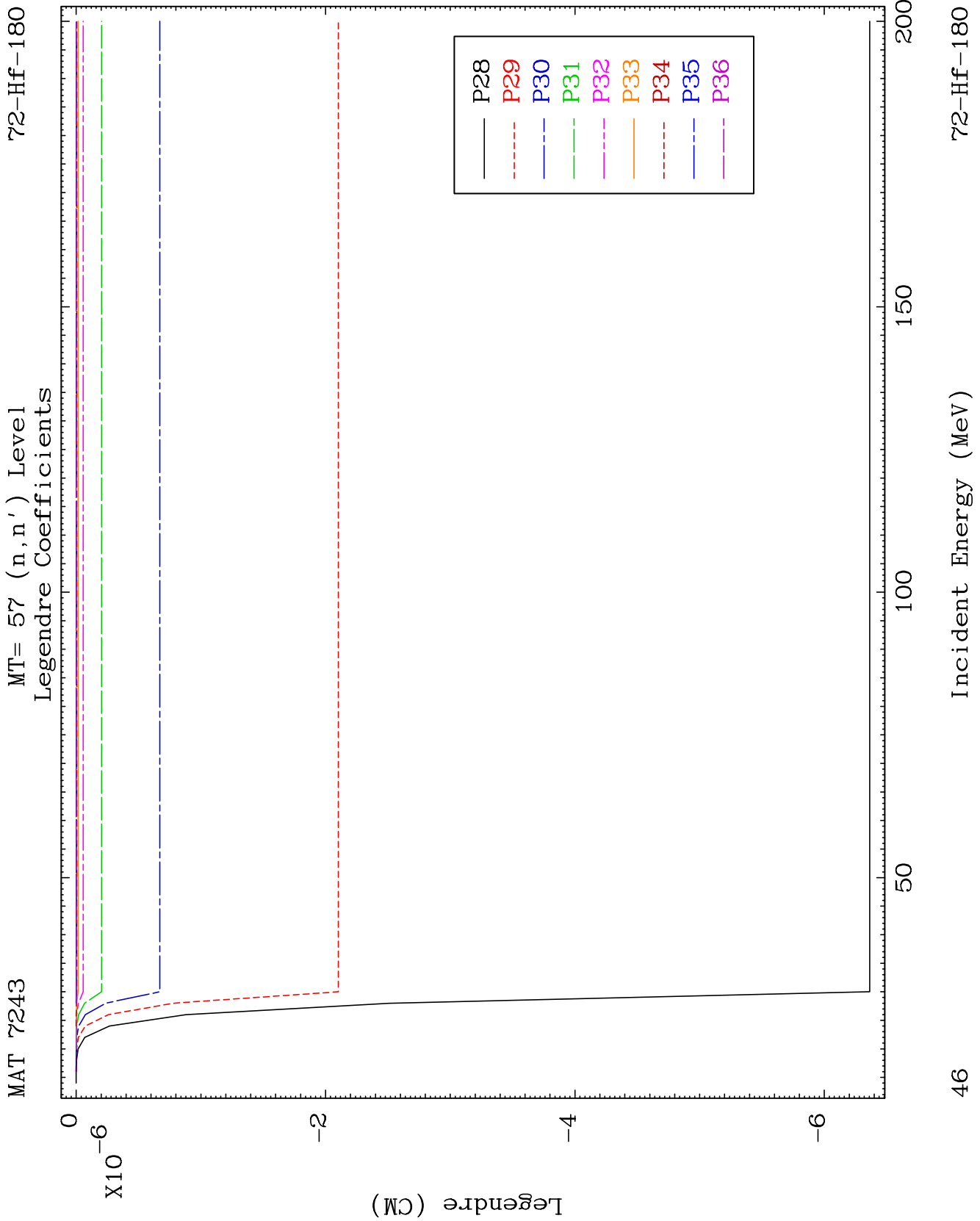
72-Hf-180



45

Incident Energy (MeV)

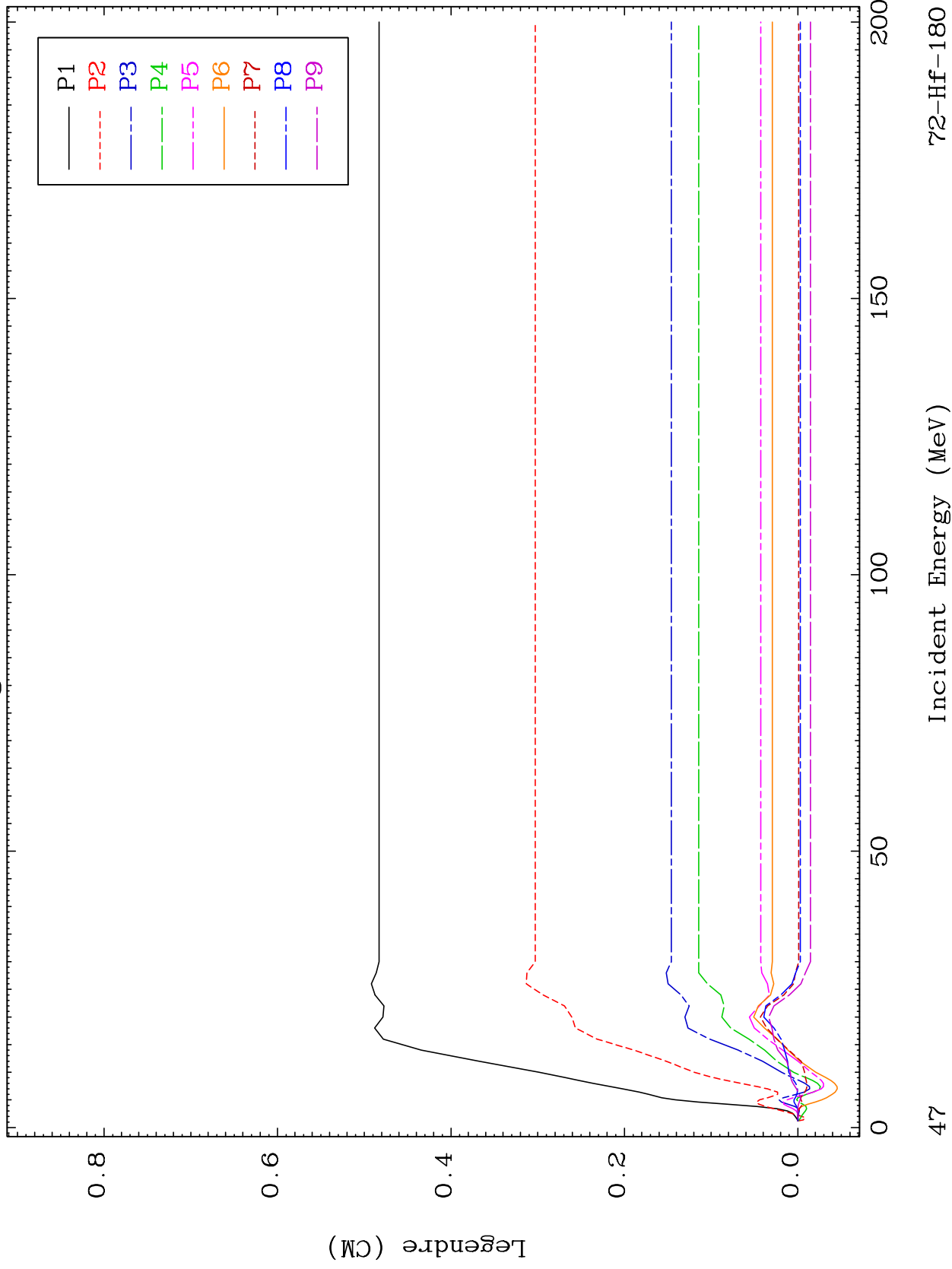
72-Hf-180



MAT 7243

MT= 58 (n,n') Level
Legendre Coefficients

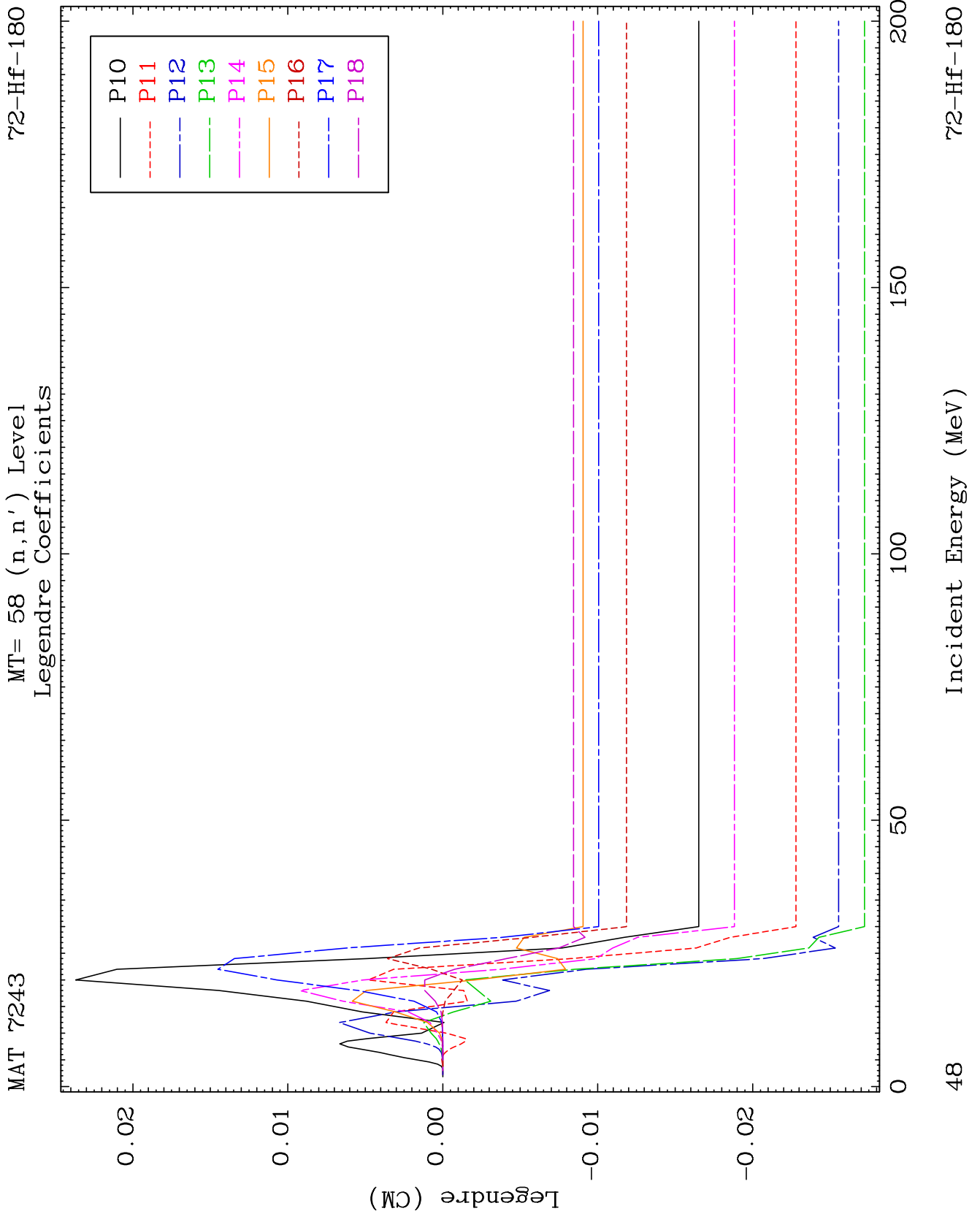
72-Hf-180



72-Hf-180

Incident Energy (MeV)

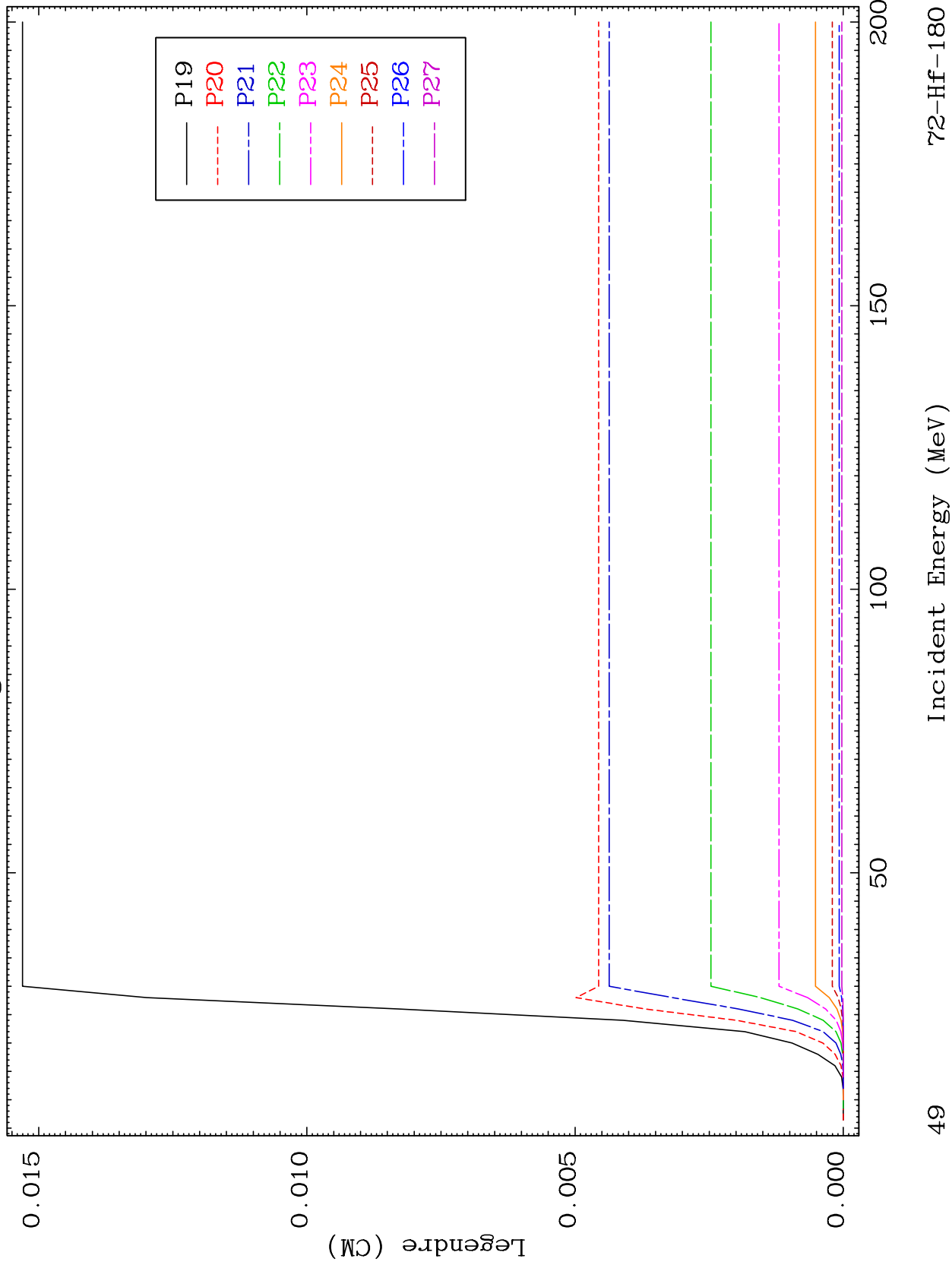
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MAT 7243

MT= 58 (n,n') Level
Legendre Coefficients

72-Hf-180



49

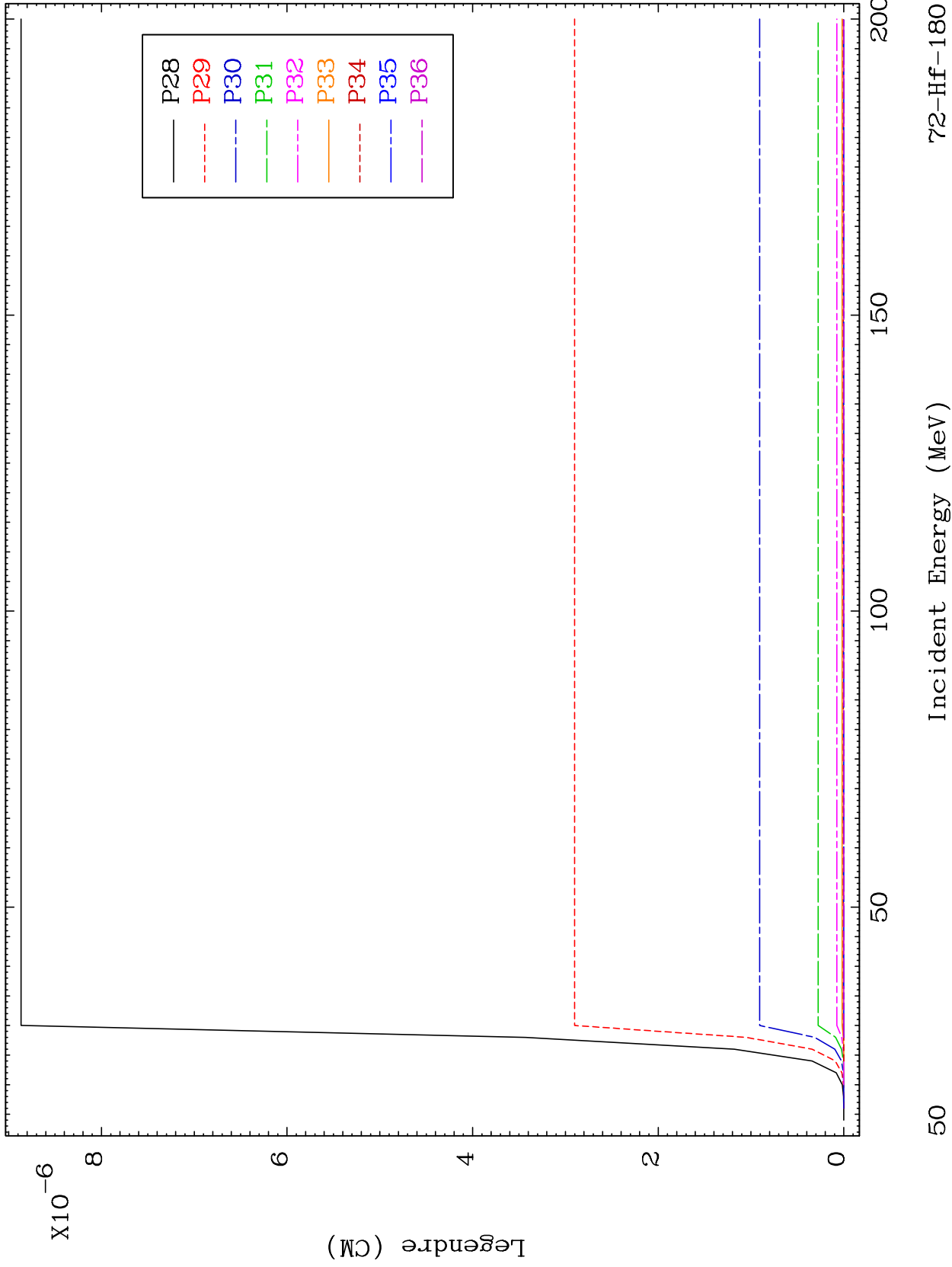
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 58 (n,n') Level
Legendre Coefficients

72-Hf-180



72-Hf-180

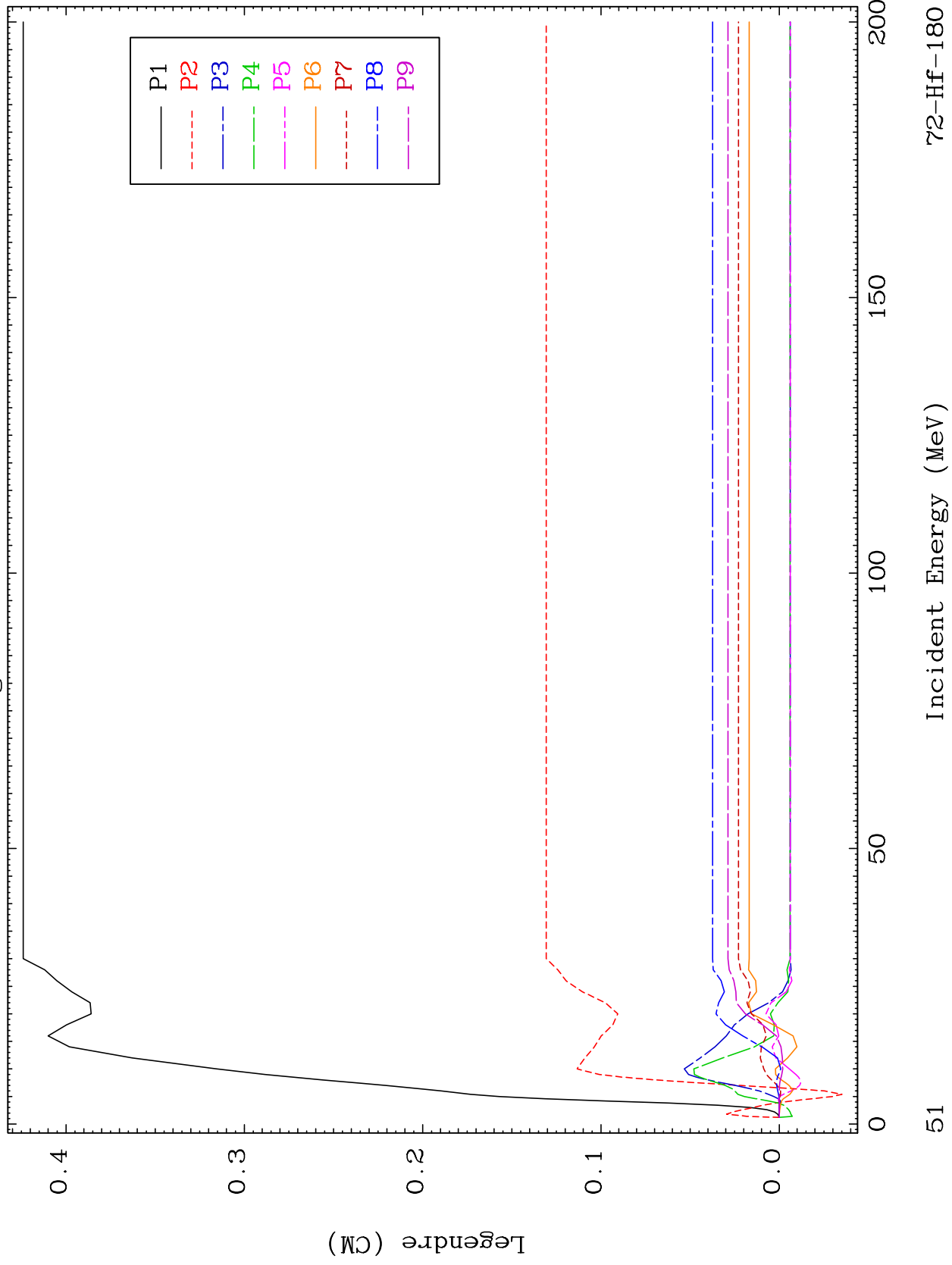
Incident Energy (MeV)

50

MAT 7243

MT= 59 (n,n') Level
Legendre Coefficients

72-Hf-180



51

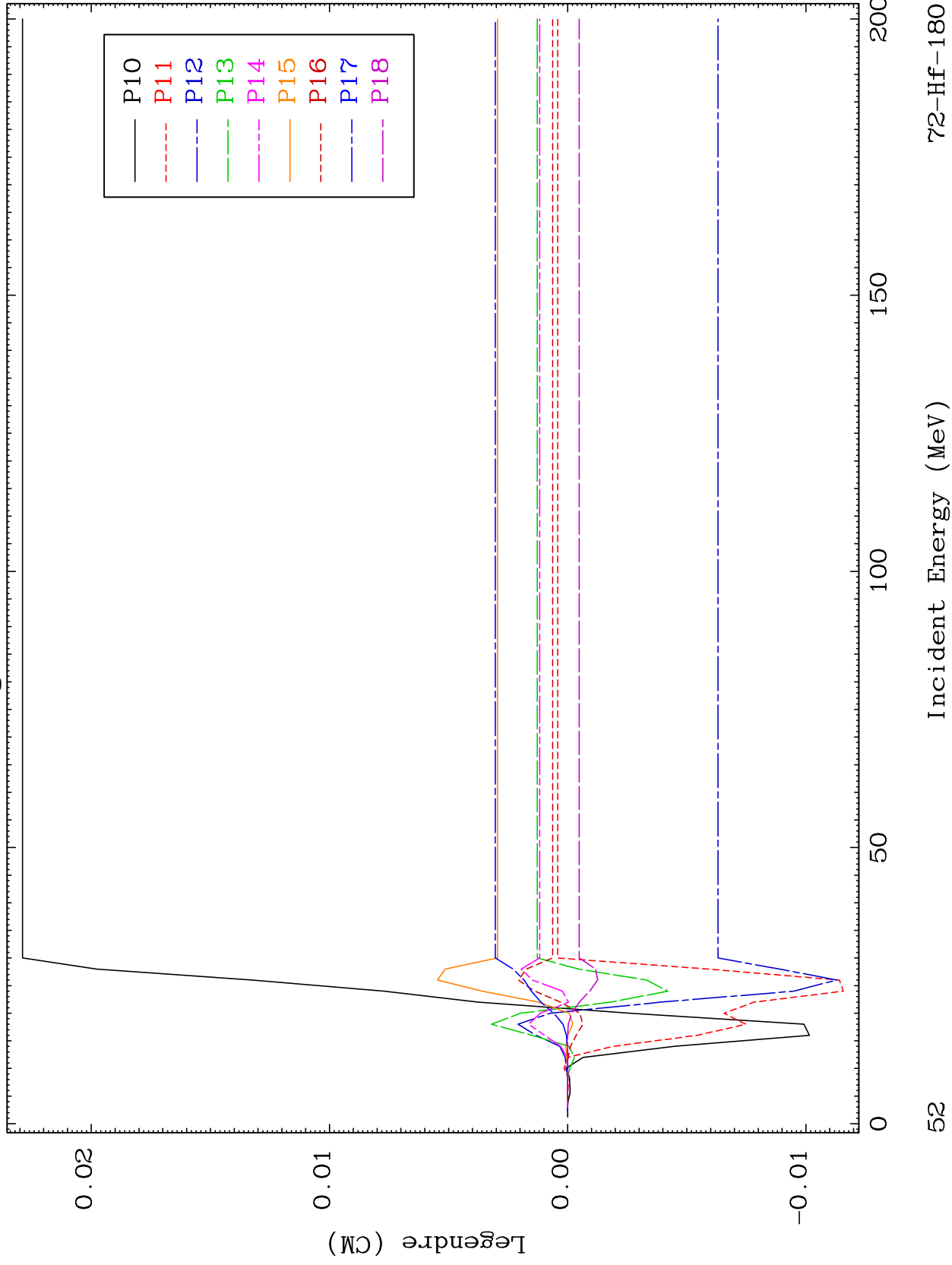
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 59 (n,n') Level
Legendre Coefficients

72-Hf-180



72-Hf-180

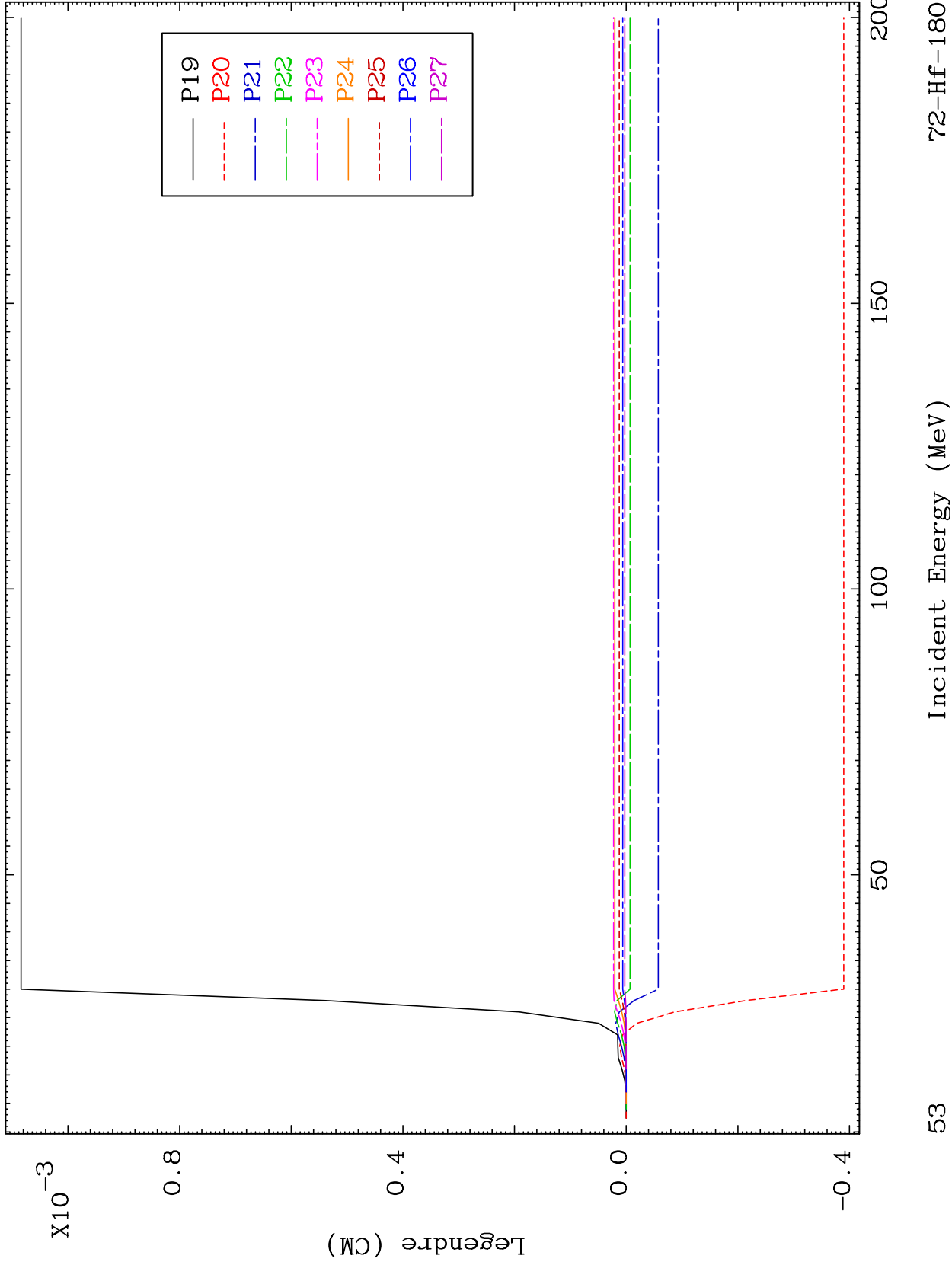
Incident Energy (MeV)

52

MAT 7243

MT= 59 (n,n') Level
Legendre Coefficients

72-Hf-180



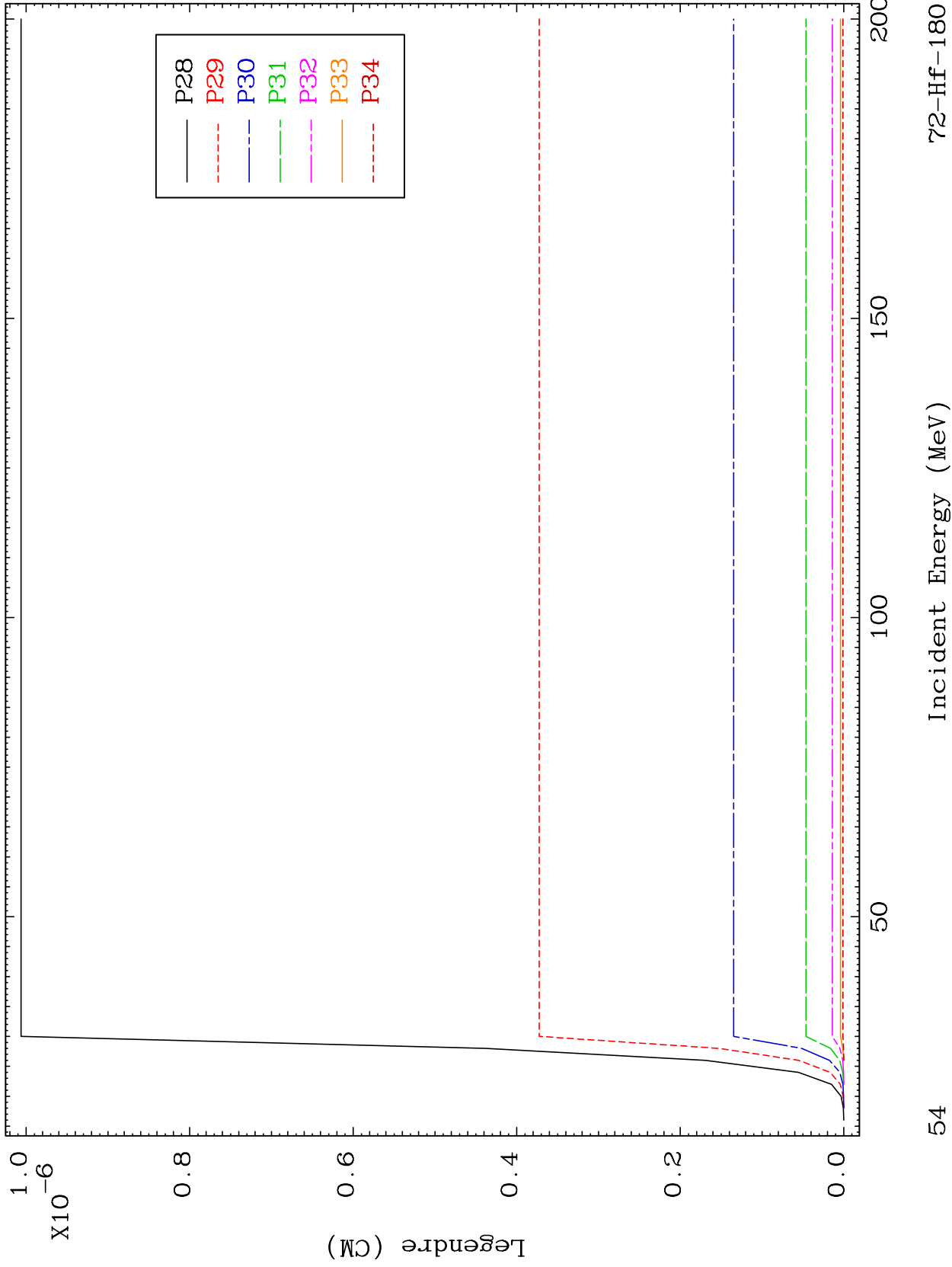
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72-Hf-180

MAT 7243

MT= 59 (n,n') Level
Legendre Coefficients

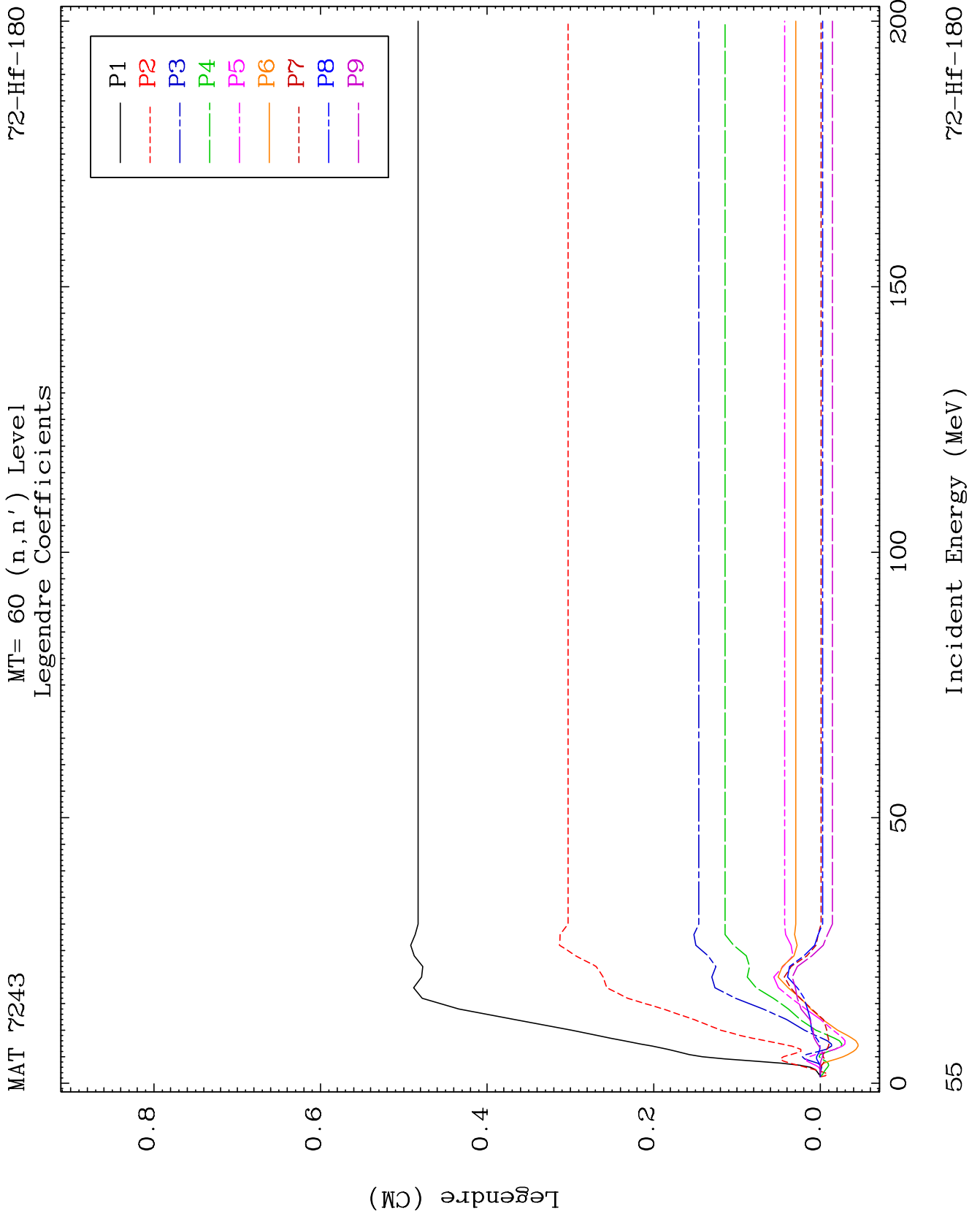
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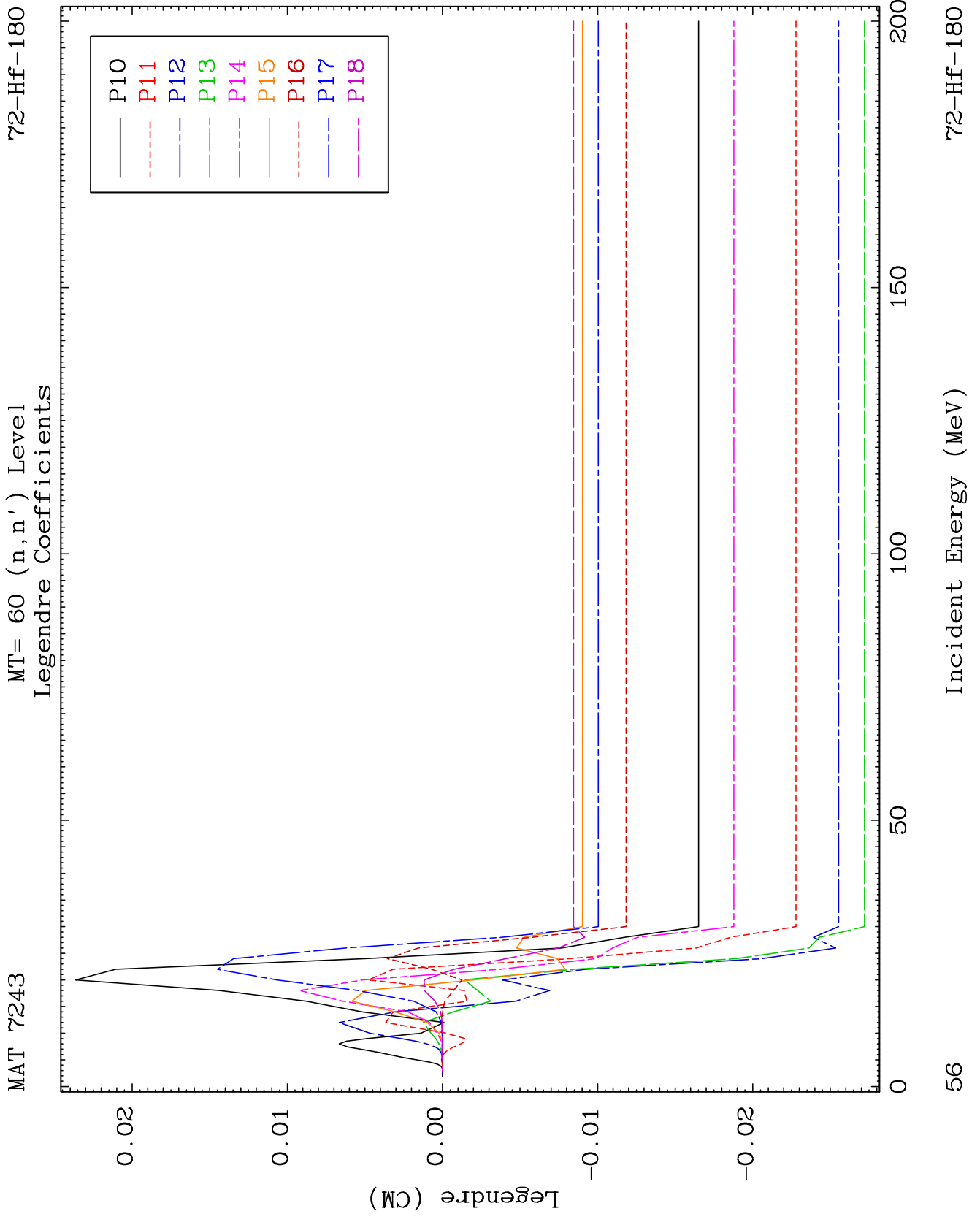


54

Incident Energy (MeV)

72-Hf-180

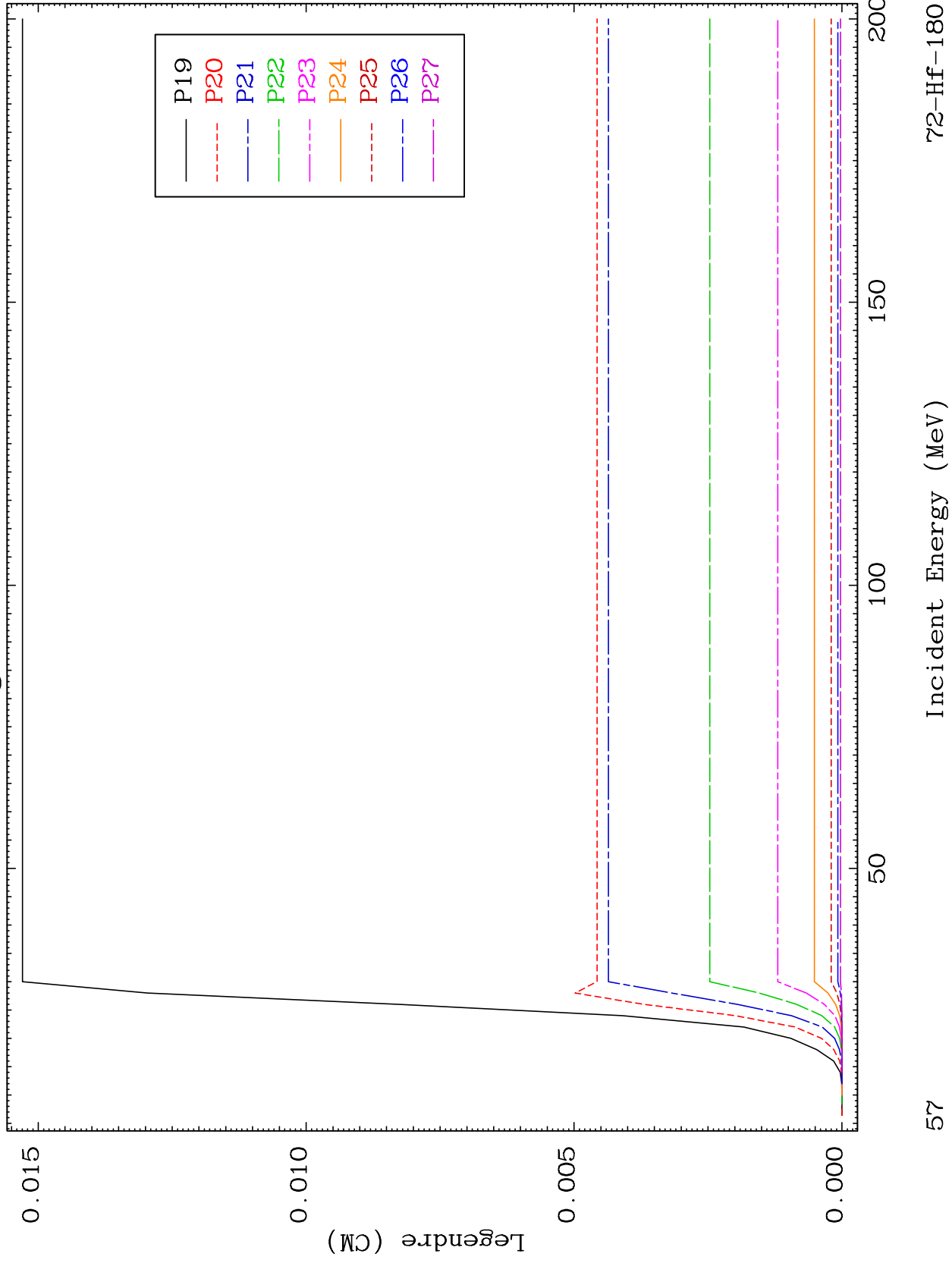




MAT 7243

MT= 60 (n,n') Level
Legendre Coefficients

72-Hf-180



57

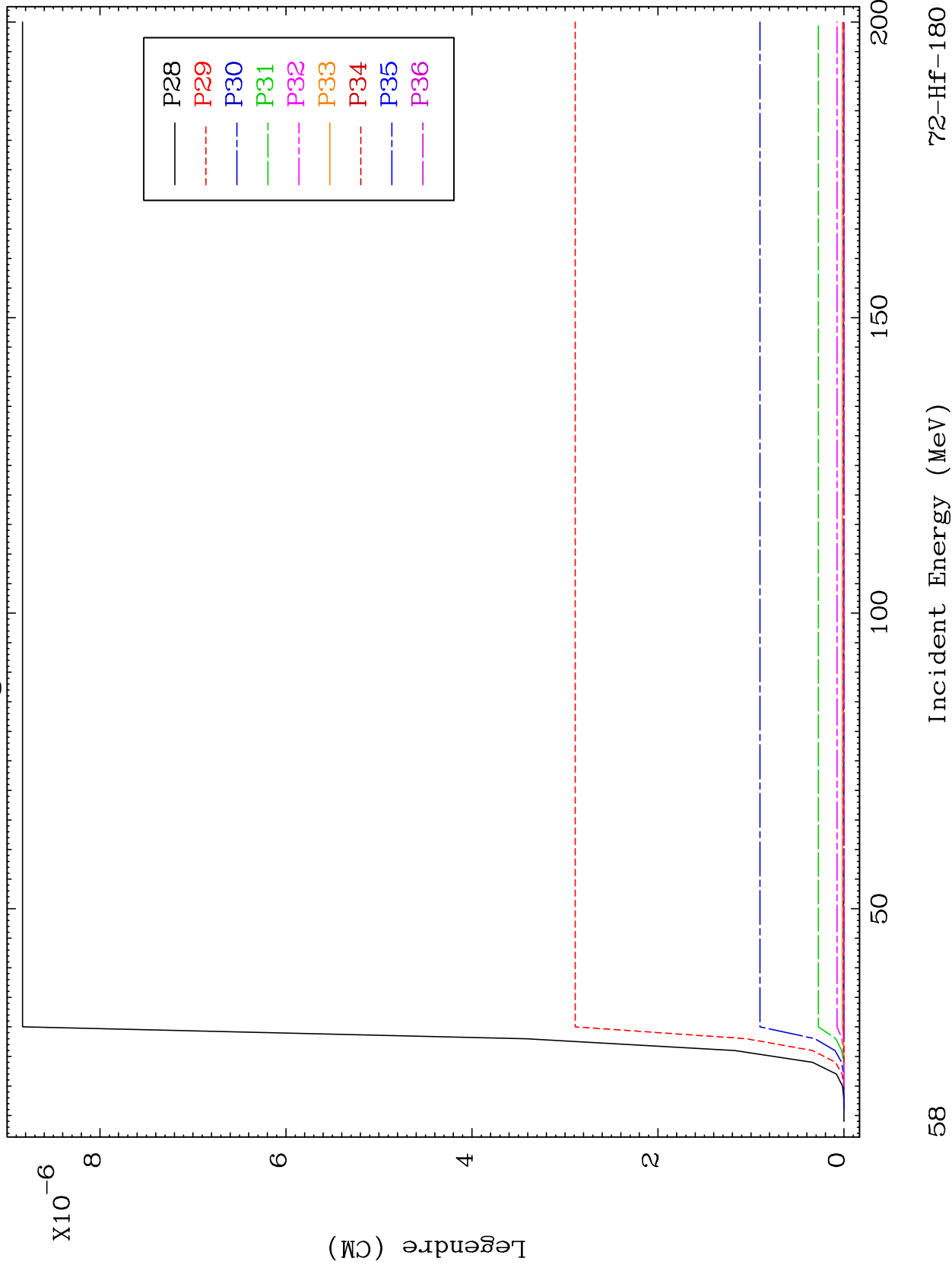
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 60 (n,n') Level
Legendre Coefficients

72-Hf-180



58

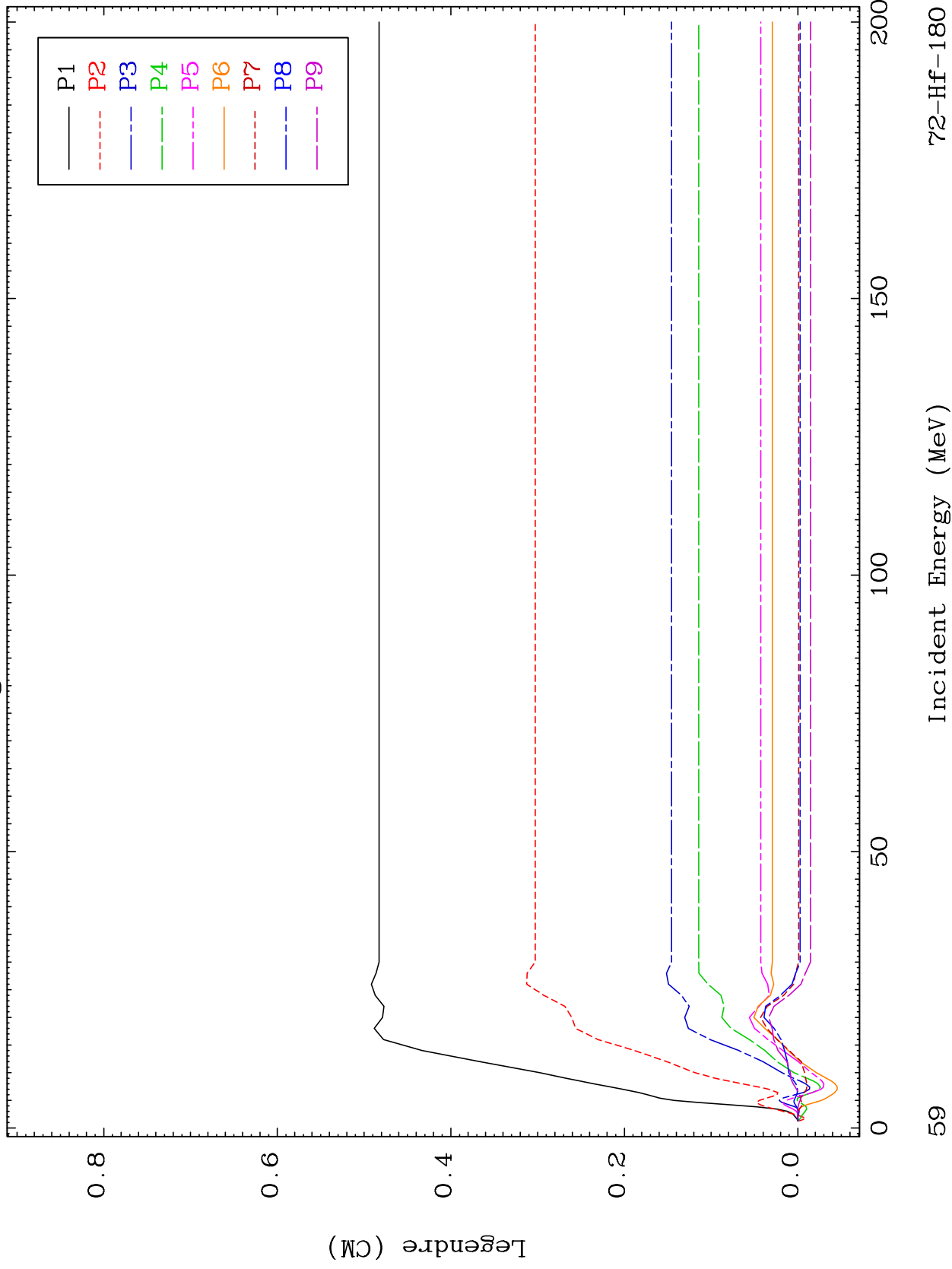
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 61 (n,n') Level
Legendre Coefficients

72-Hf-180



72-Hf-180

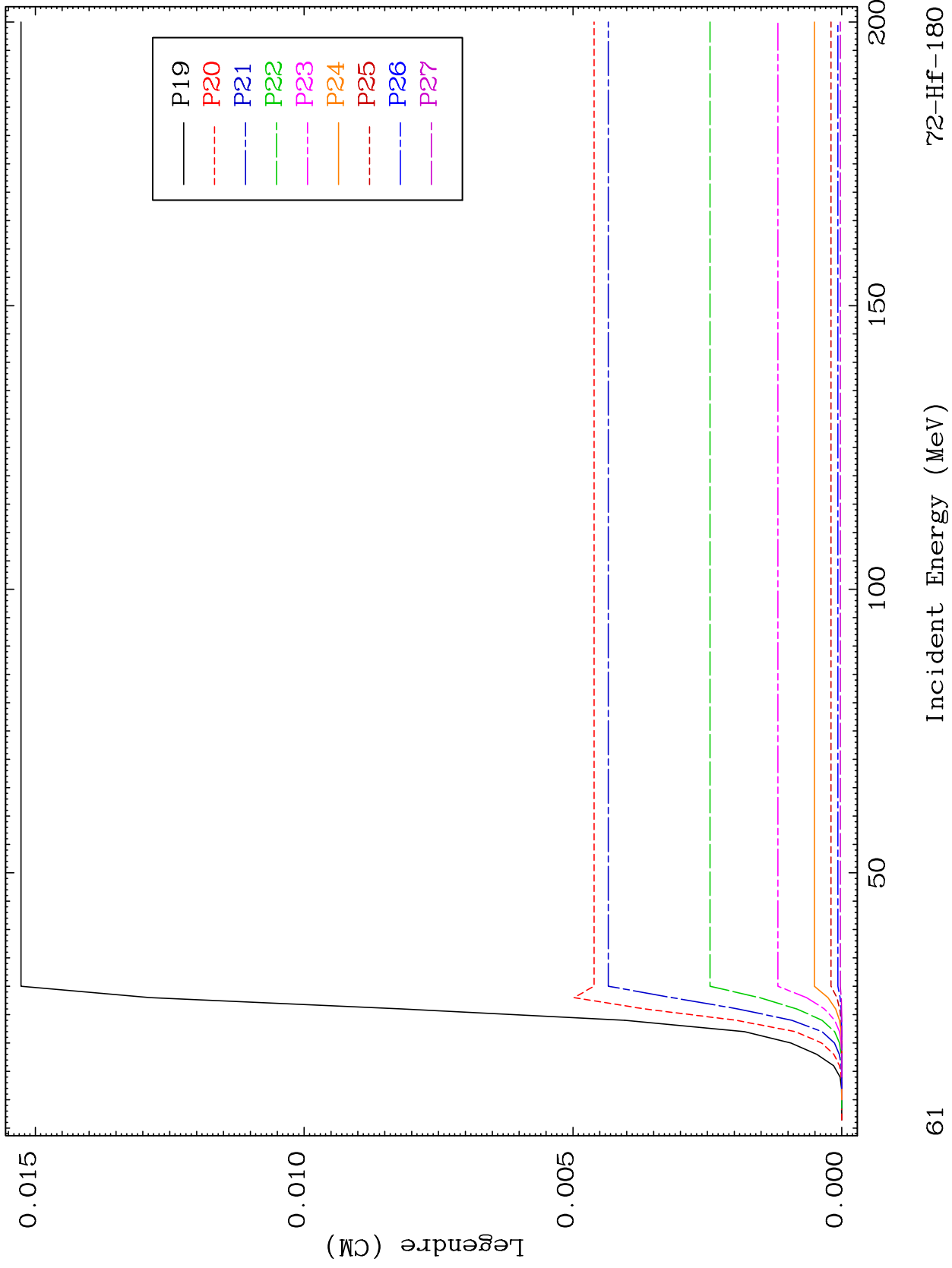
Incident Energy (MeV)

59

MAT 7243

MT= 61 (n,n') Level
Legendre Coefficients

72-Hf-180



61

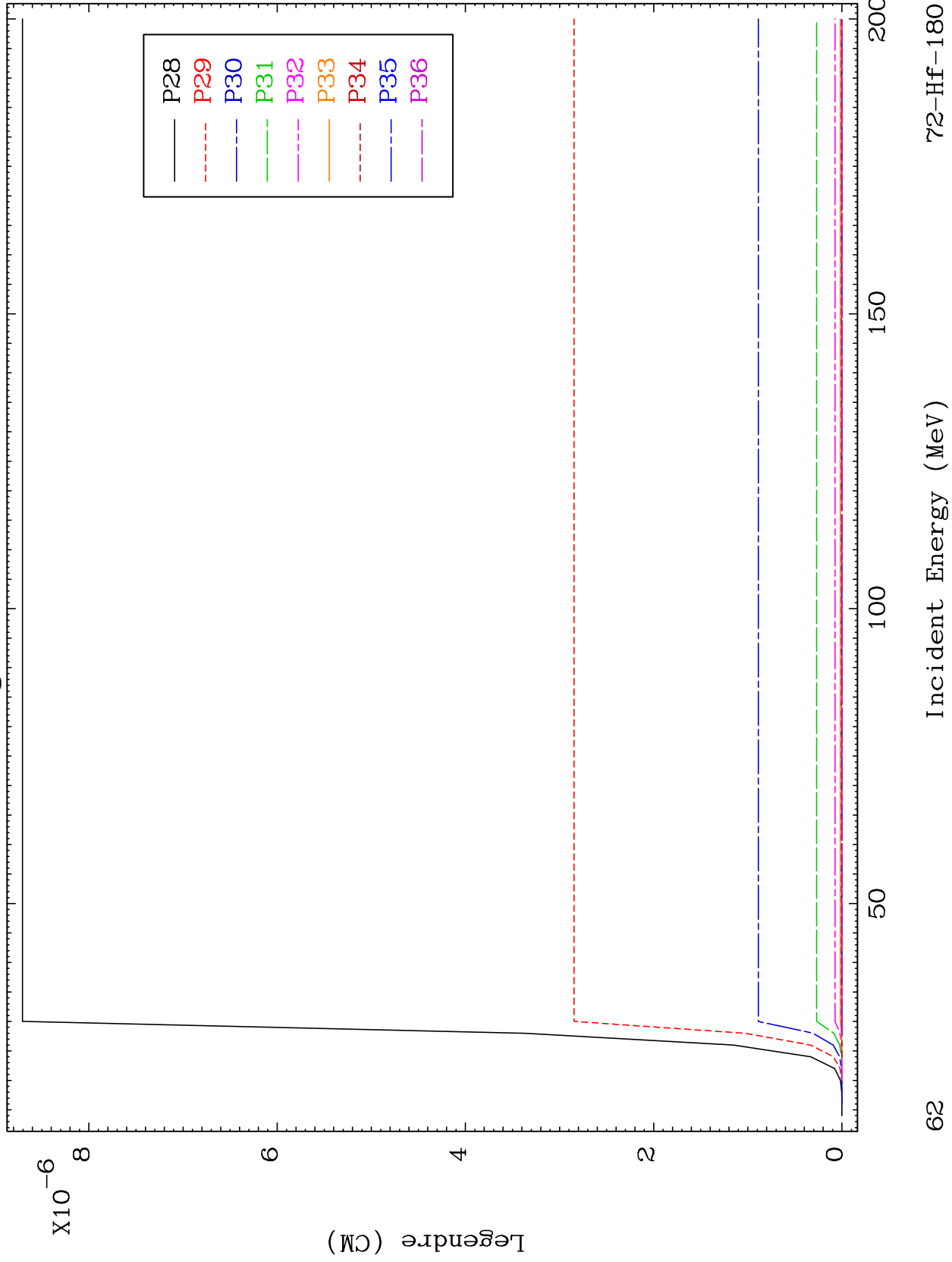
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 61 (n,n') Level
Legendre Coefficients

72-Hf-180



62

Incident Energy (MeV)

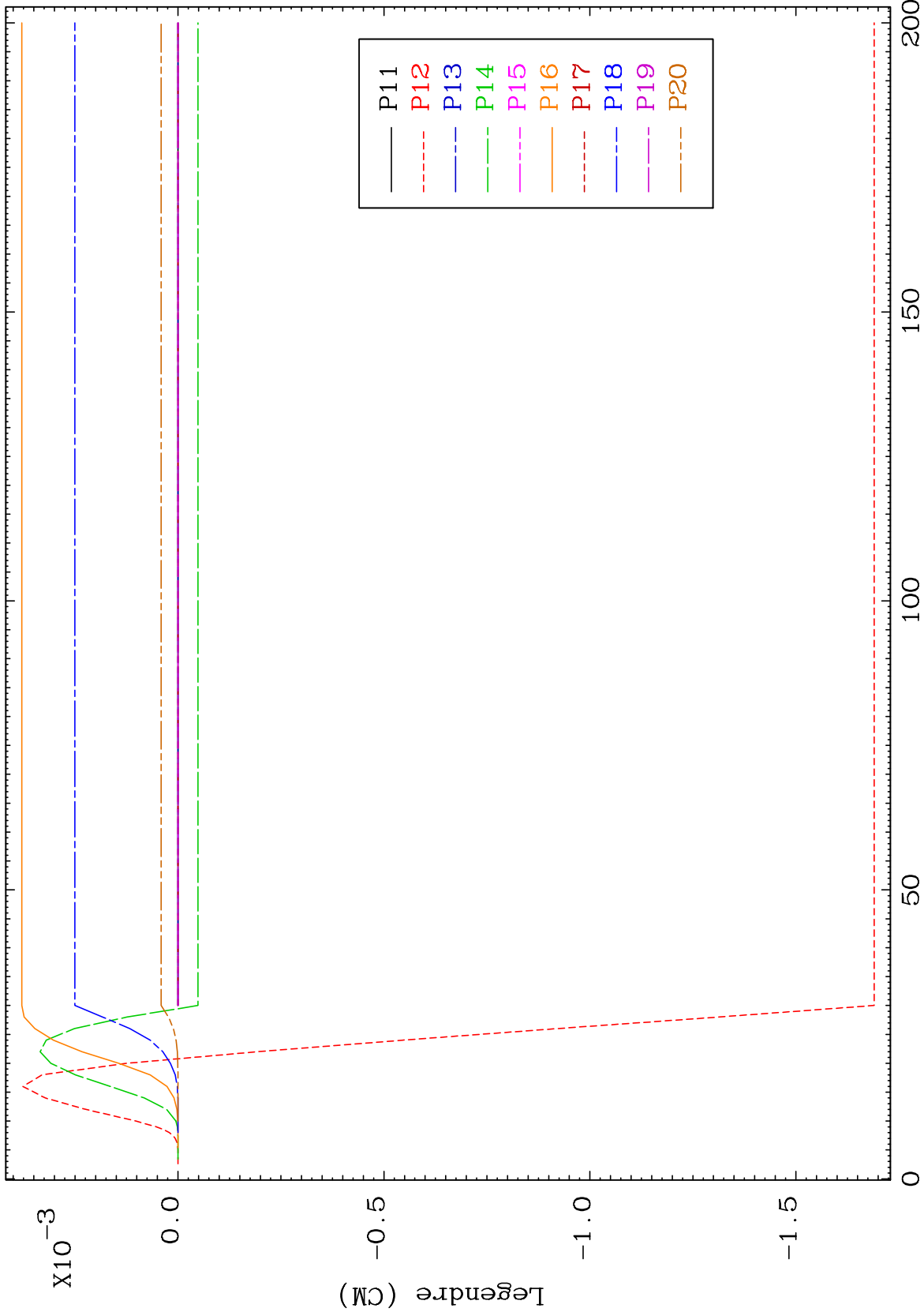
72-Hf-180

MAT 7243

MT= 62 (n,n') Level

72-Hf-180

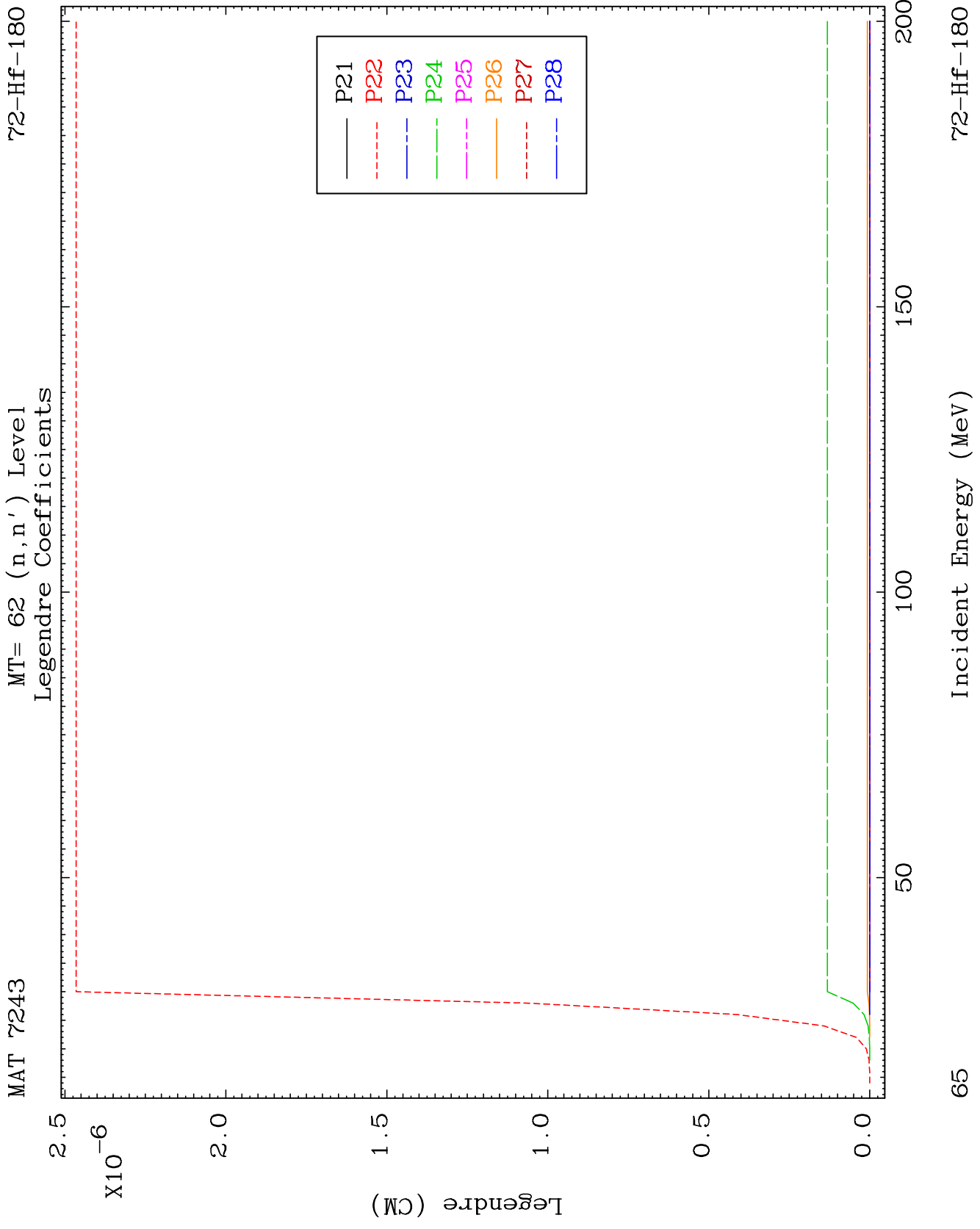
Legendre Coefficients



64

Incident Energy (MeV)

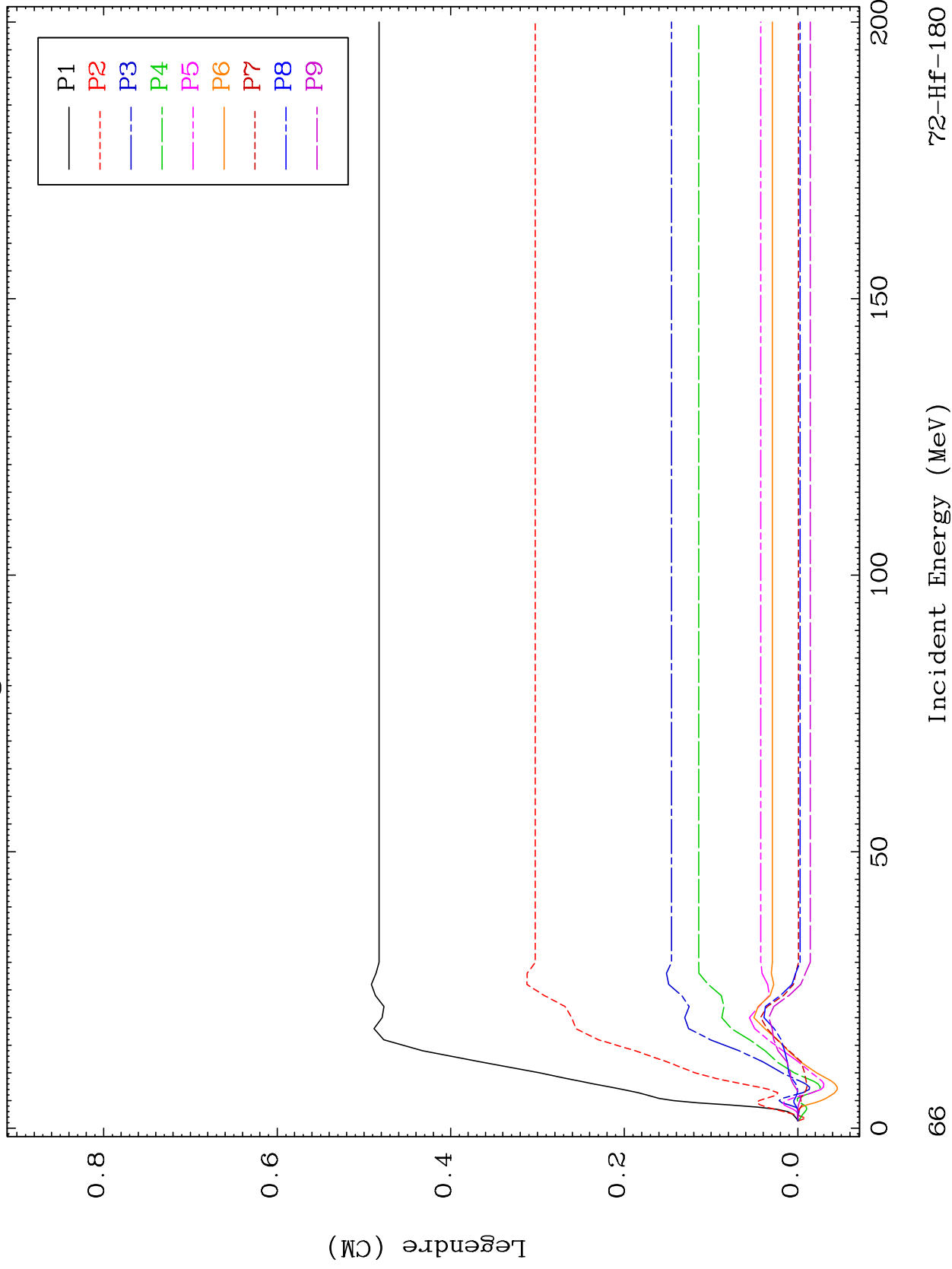
72-Hf-180



MAT 7243

MT= 63 (n,n') Level
Legendre Coefficients

72-Hf-180



72-Hf-180

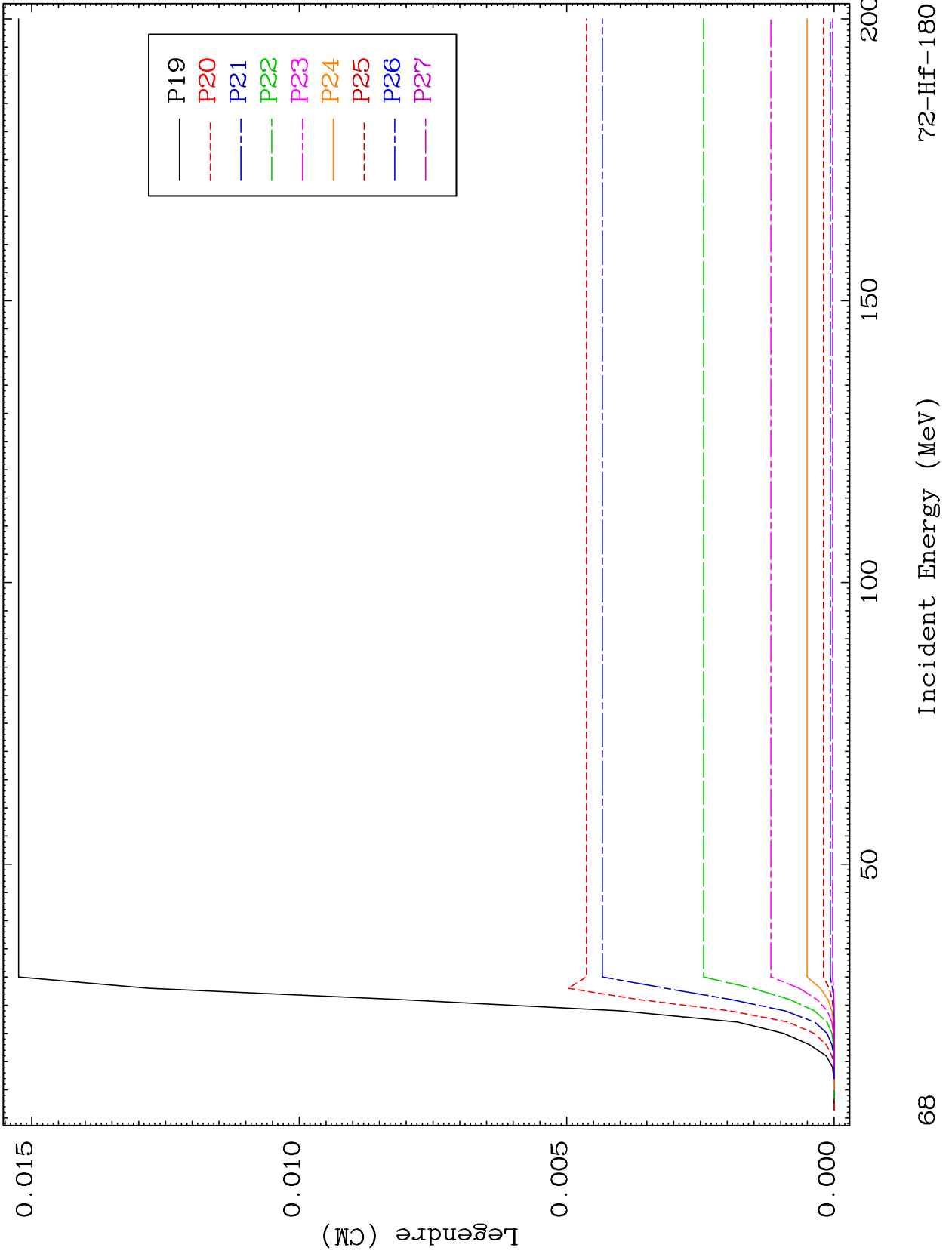
Incident Energy (MeV)

66

MAT 7243

MT= 63 (n,n') Level
Legendre Coefficients

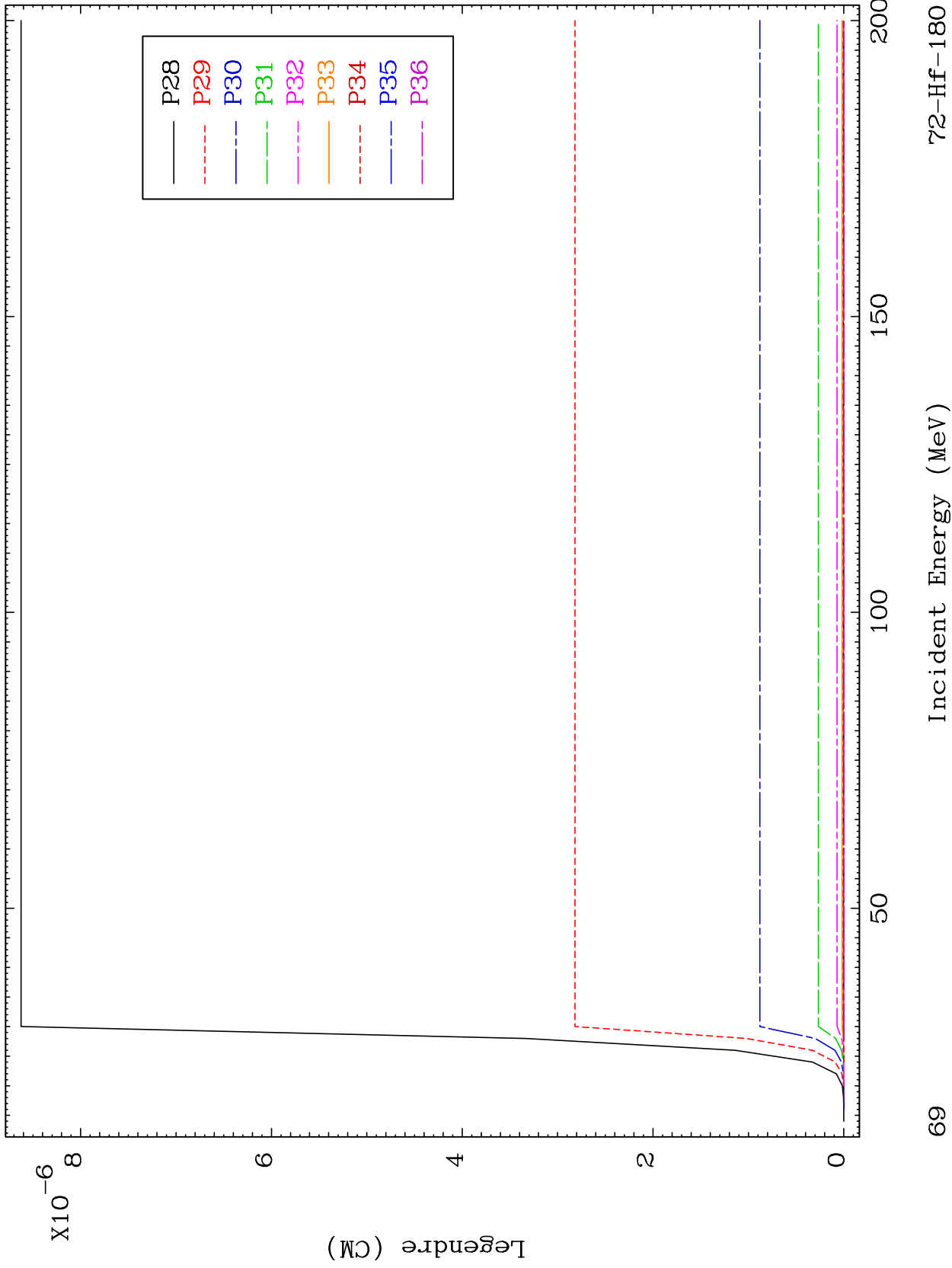
72-Hf-180



MAT 7243

MT= 63 (n,n') Level
Legendre Coefficients

72-Hf-180



69

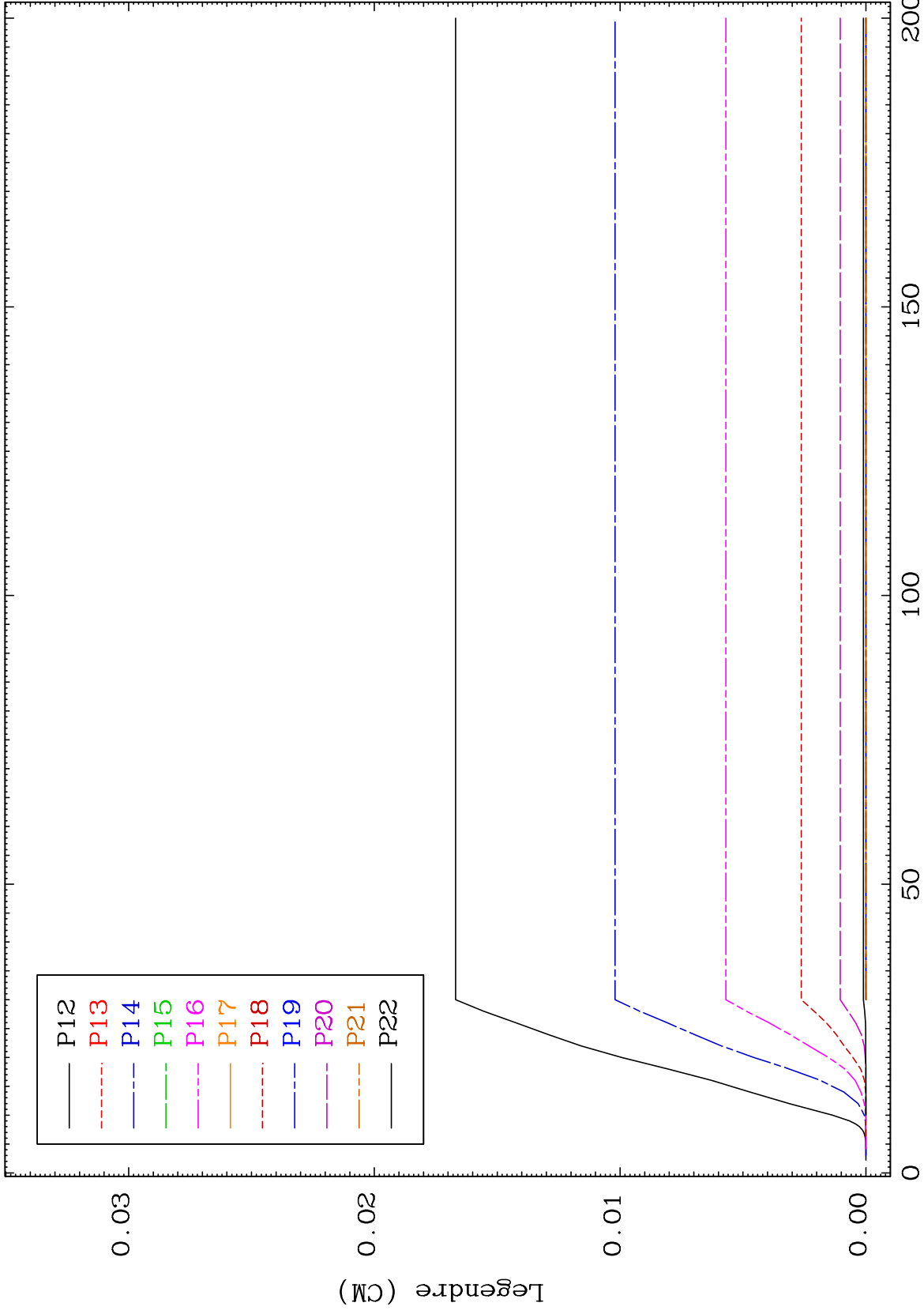
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 64 (n,n') Level
Legendre Coefficients

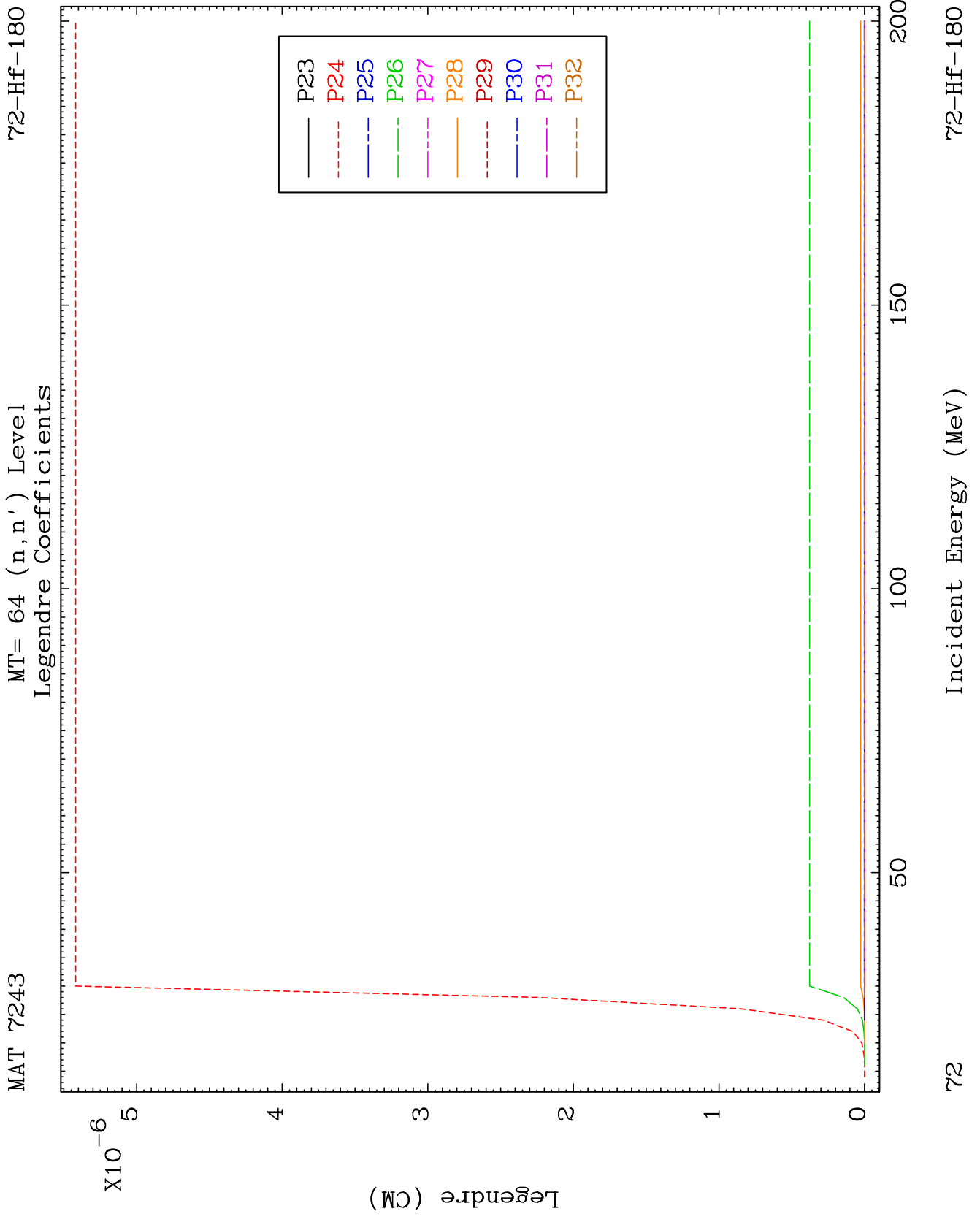
72-Hf-180

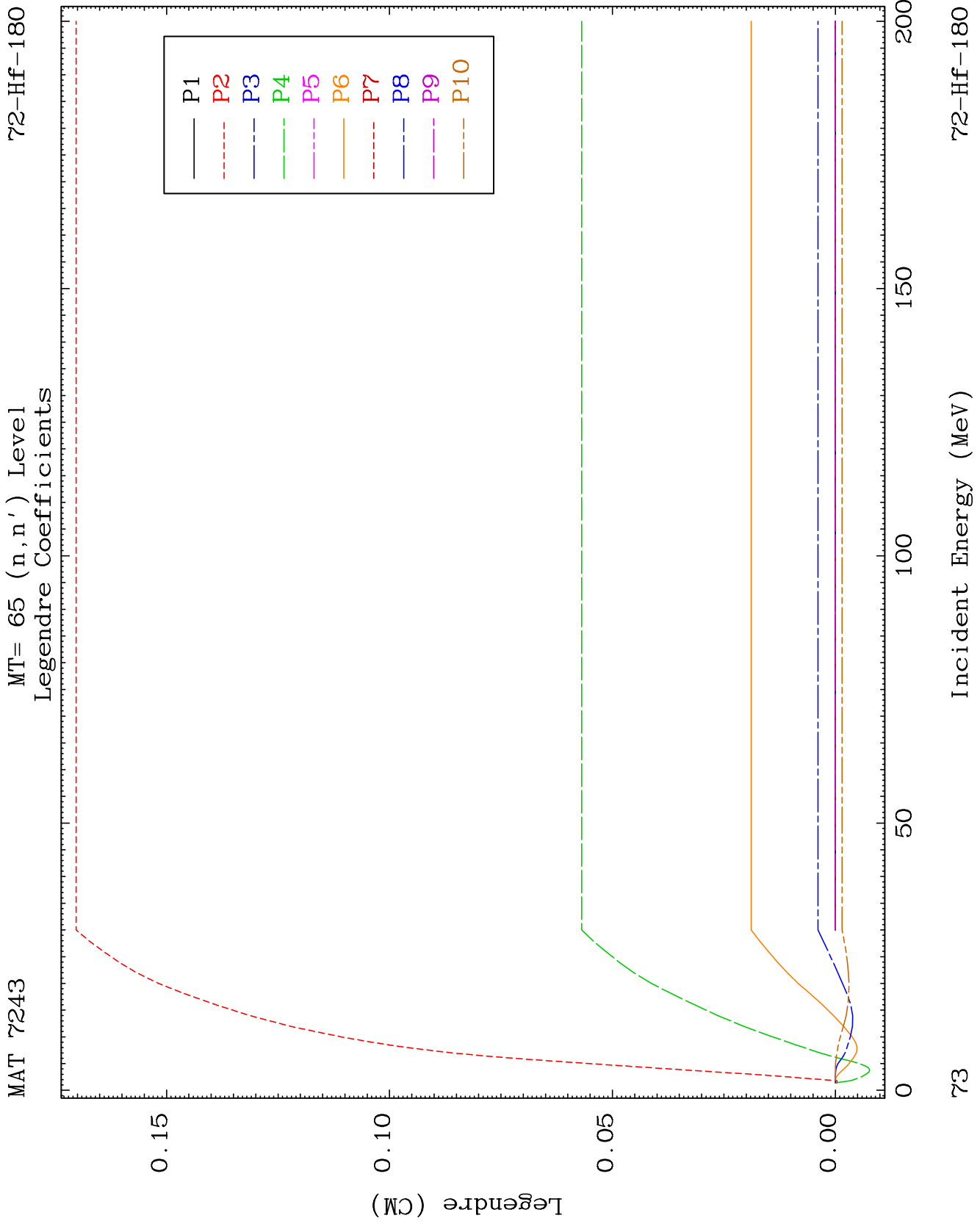


71

Incident Energy (MeV)

72-Hf-180

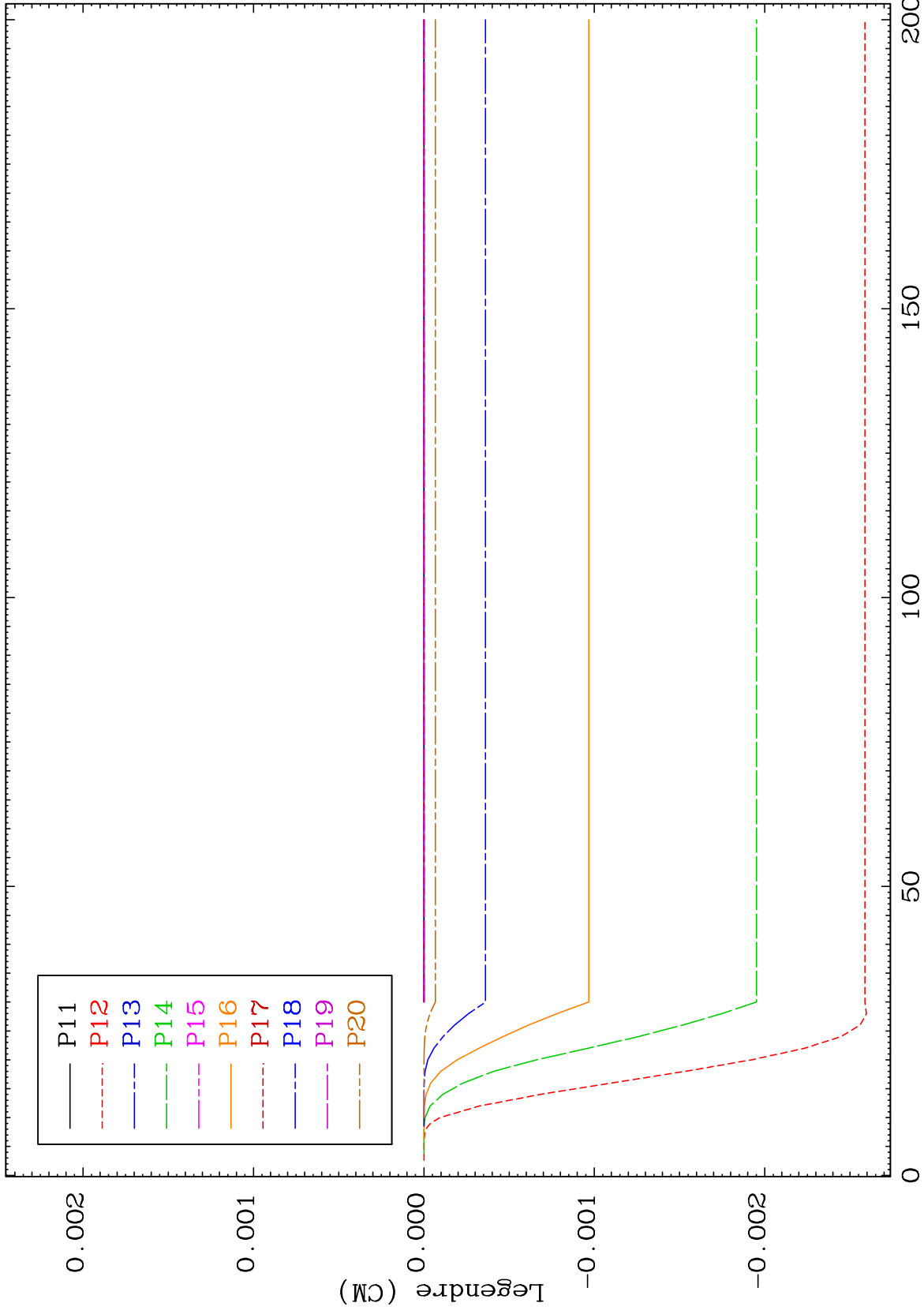




MAT 7243

MT= 65 (n,n') Level
Legendre Coefficients

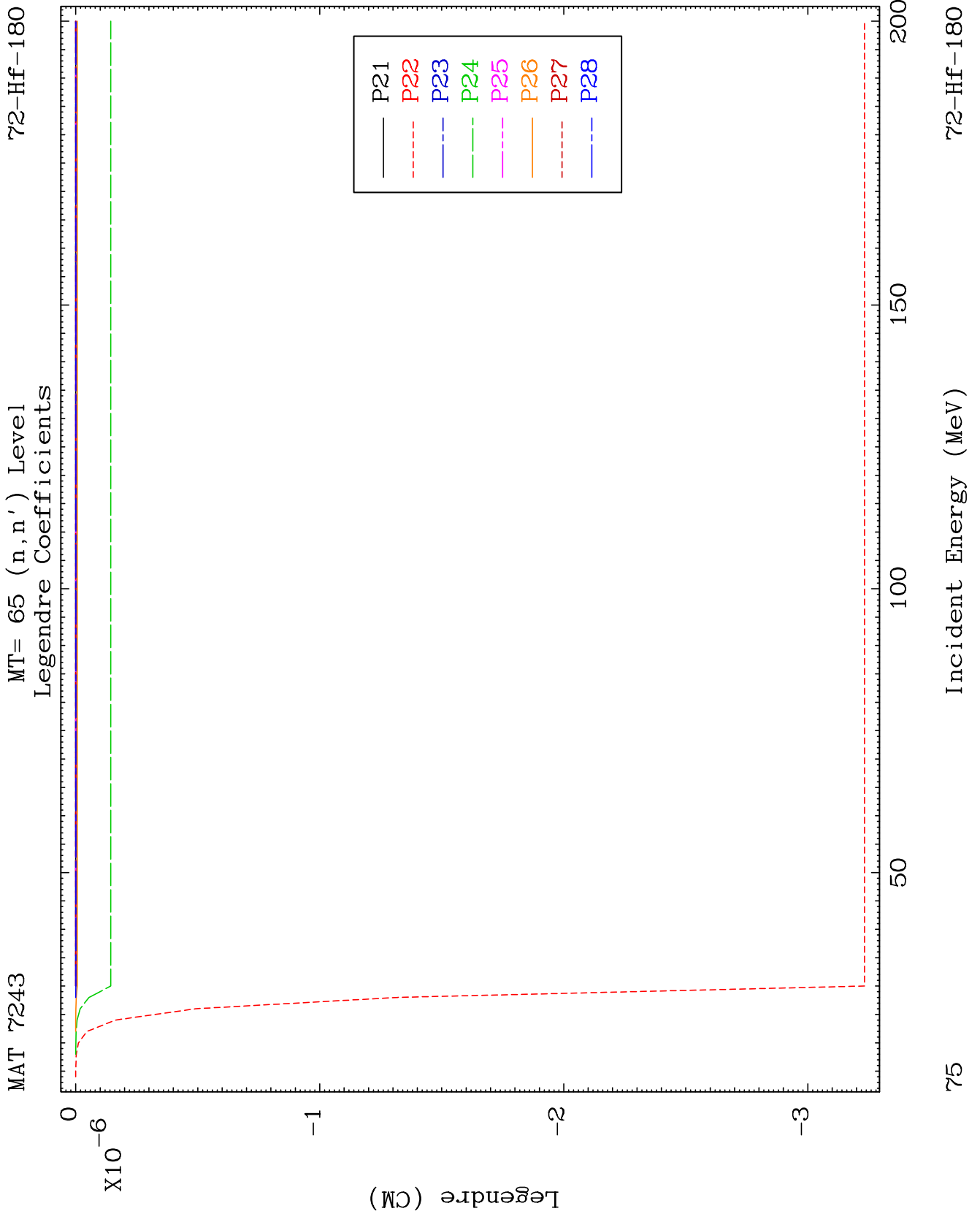
72-Hf-180



74

Incident Energy (MeV)

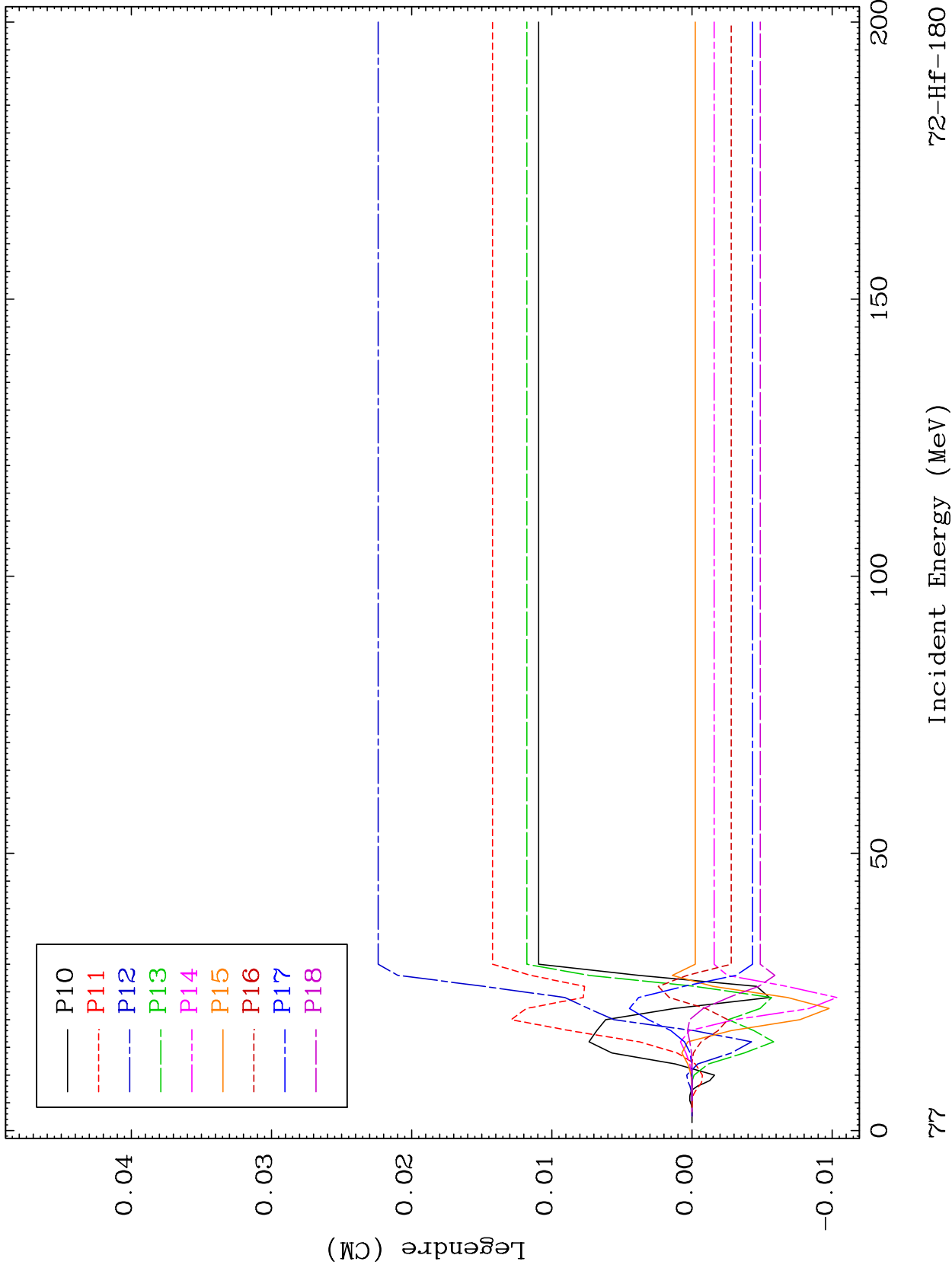
72-Hf-180



MAT 7243

MT= 66 (n,n') Level
Legendre Coefficients

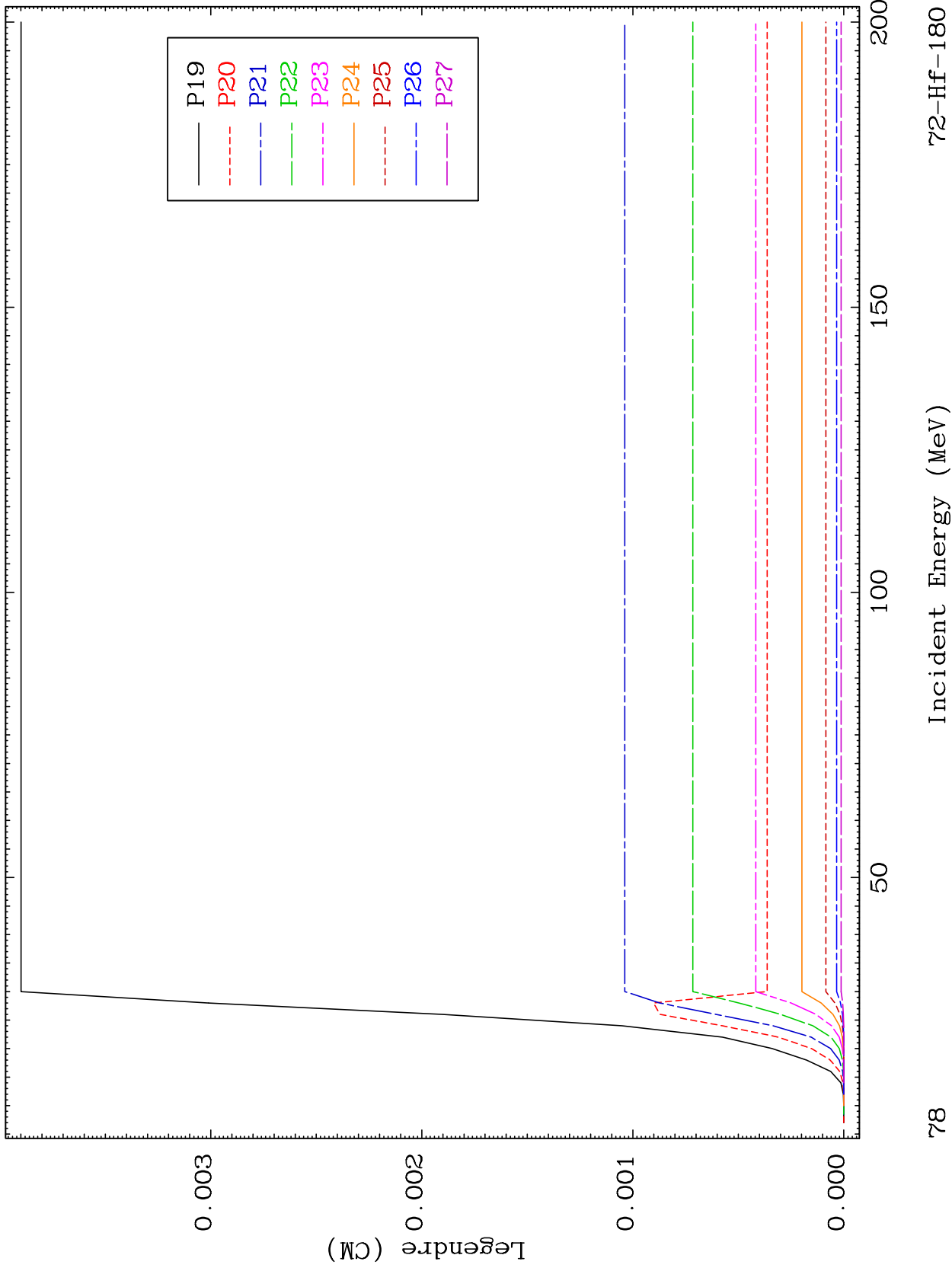
72-Hf-180



MAT 7243

MT= 66 (n,n') Level
Legendre Coefficients

72-Hf-180



78

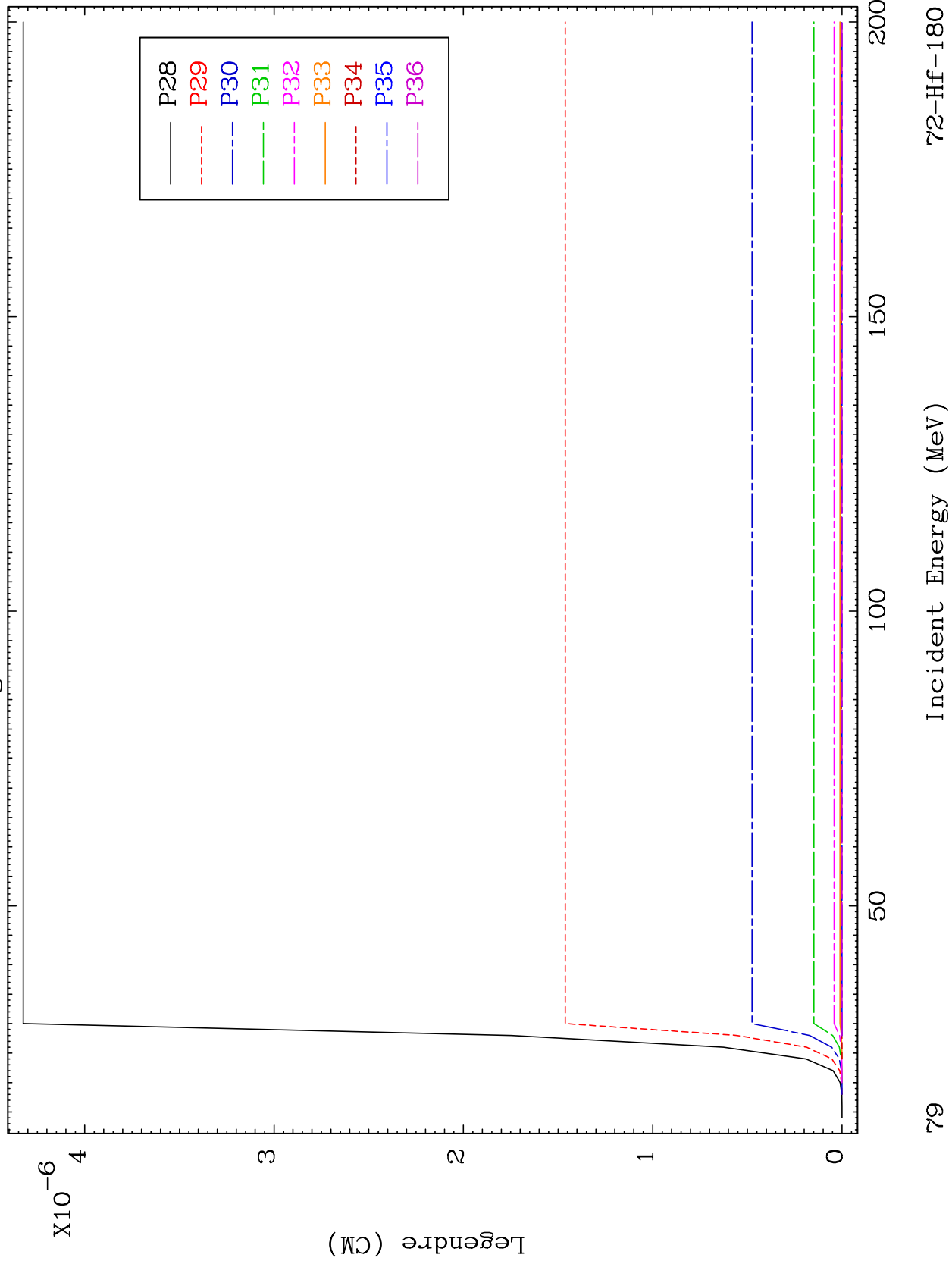
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 66 (n,n') Level
Legendre Coefficients

72-Hf-180



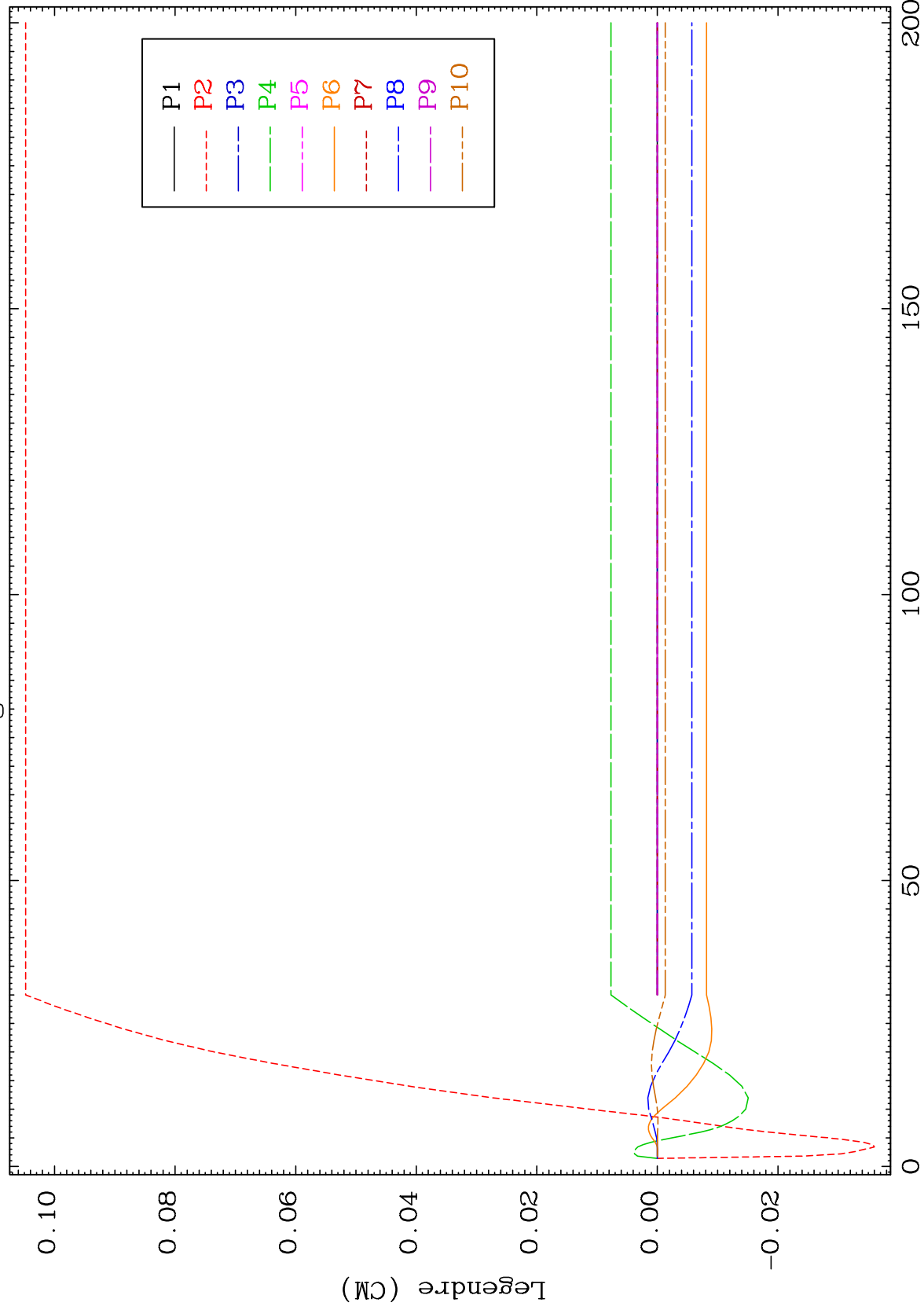
79

72-Hf-180

MAT 7243

MT= 67 (n,n') Level
Legendre Coefficients

72-Hf-180



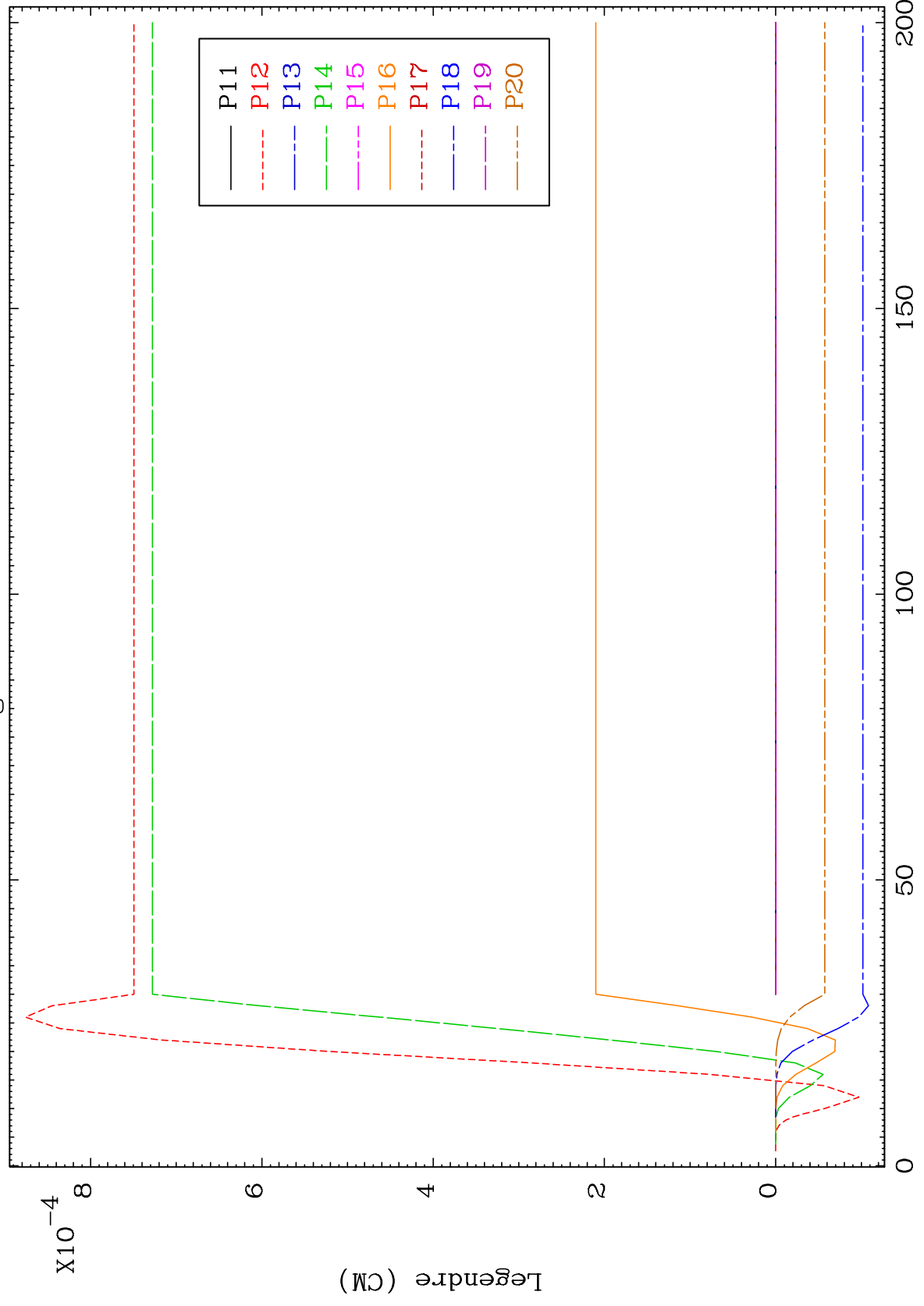
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 67 (n,n') Level
Legendre Coefficients

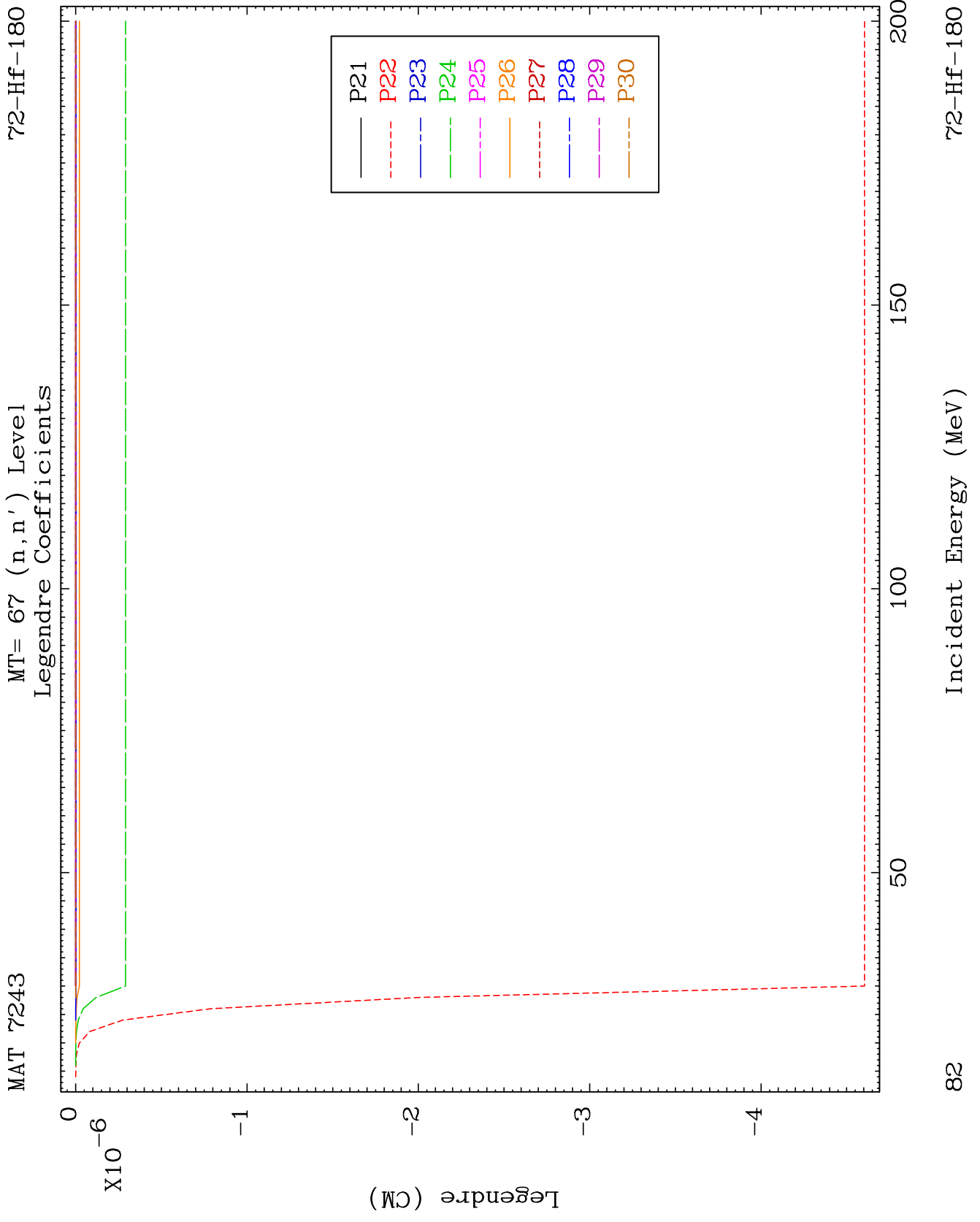
72-Hf-180

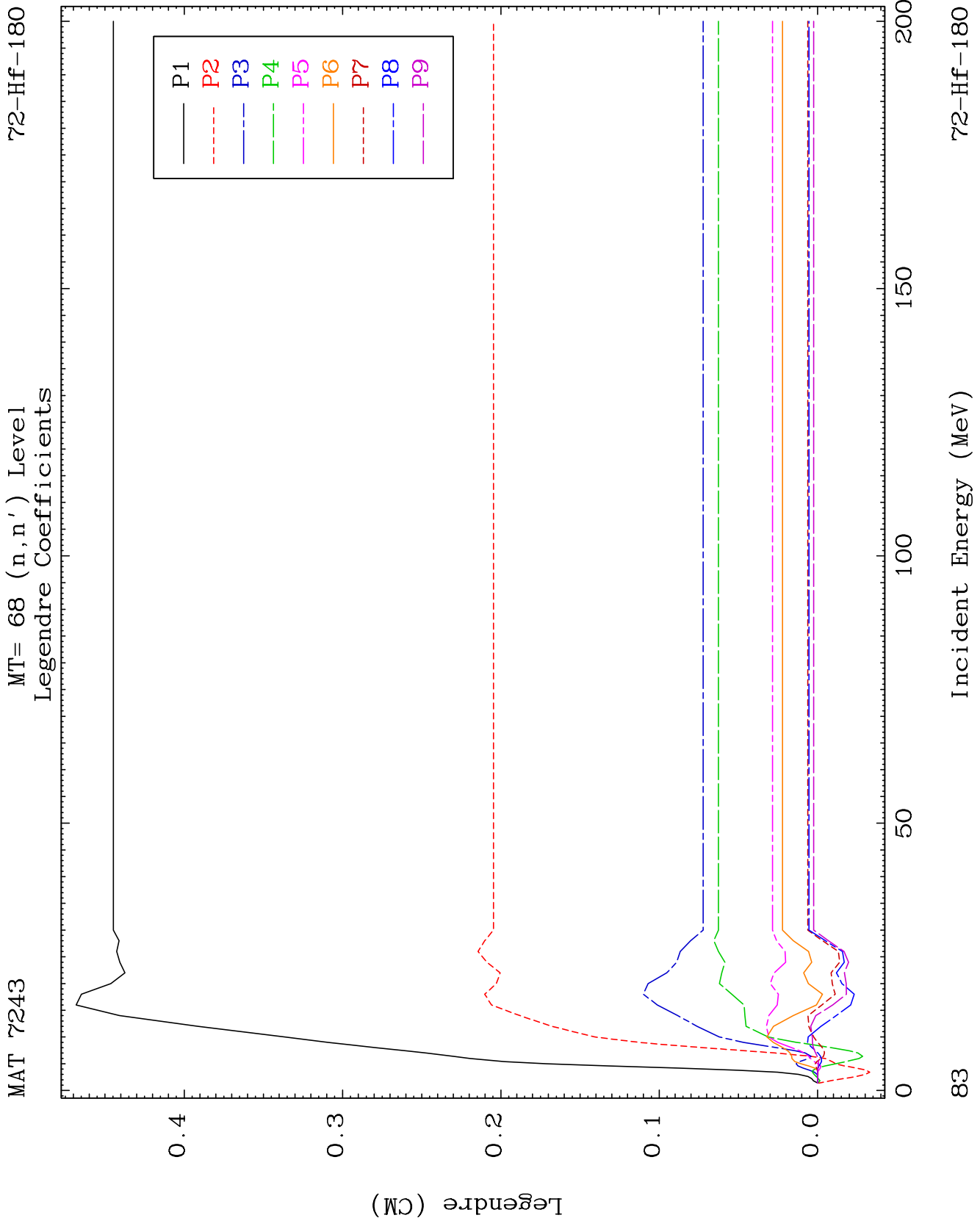


81

Incident Energy (MeV)

72-Hf-180

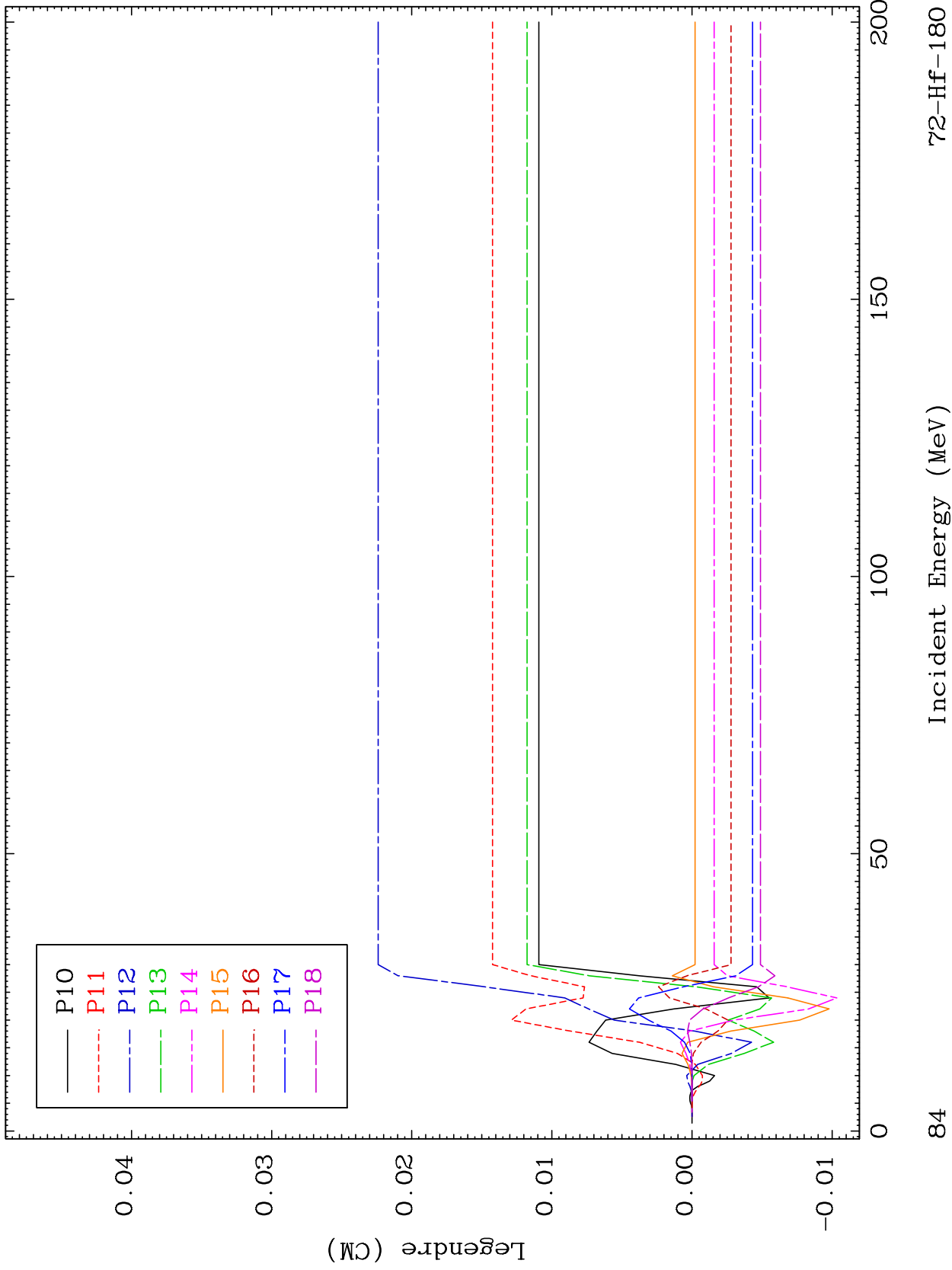




MAT 7243

MT= 68 (n,n') Level
Legendre Coefficients

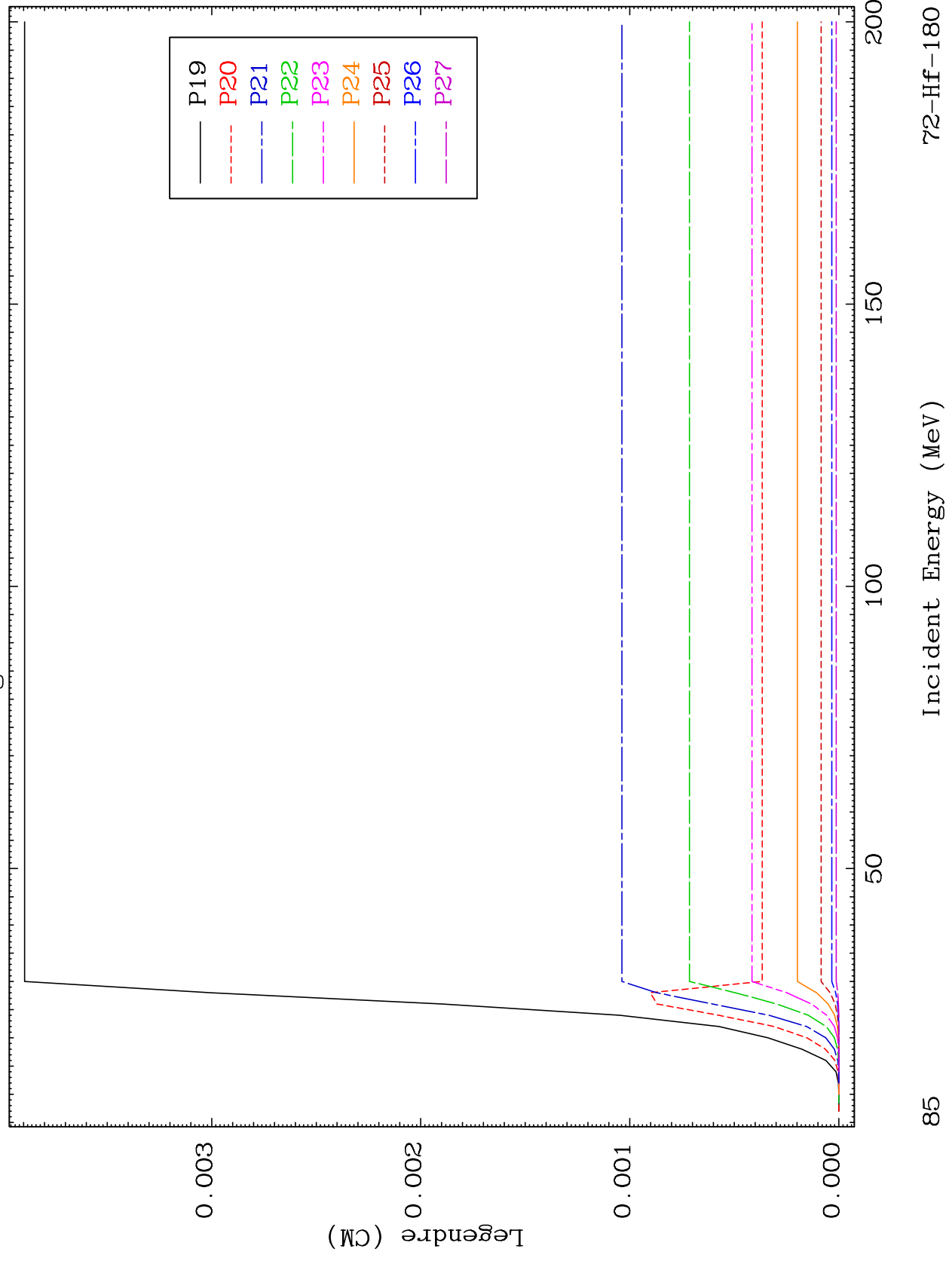
72-Hf-180



MAT 7243

MT= 68 (n,n') Level
Legendre Coefficients

72-Hf-180



85

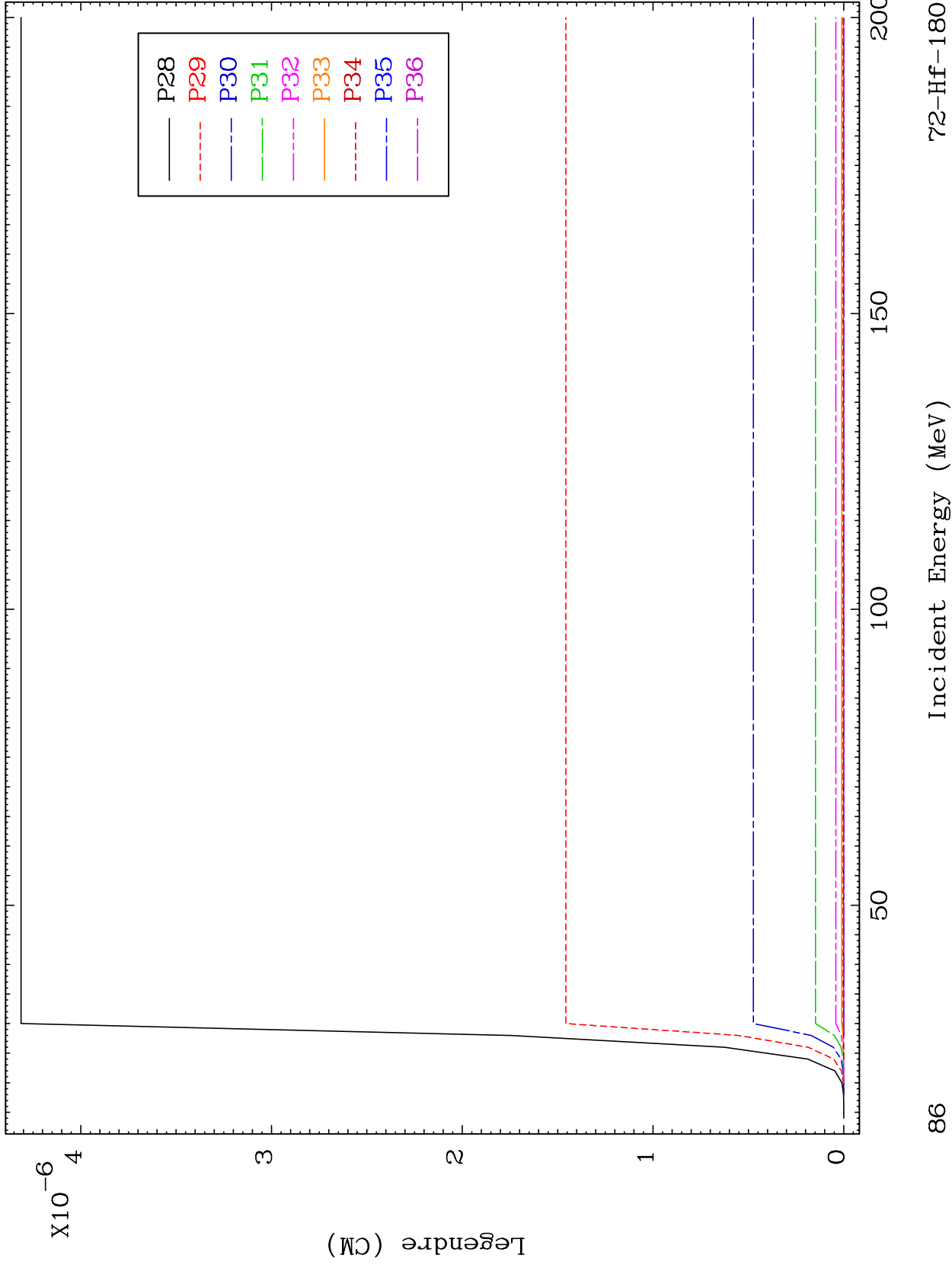
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 68 (n,n') Level
Legendre Coefficients

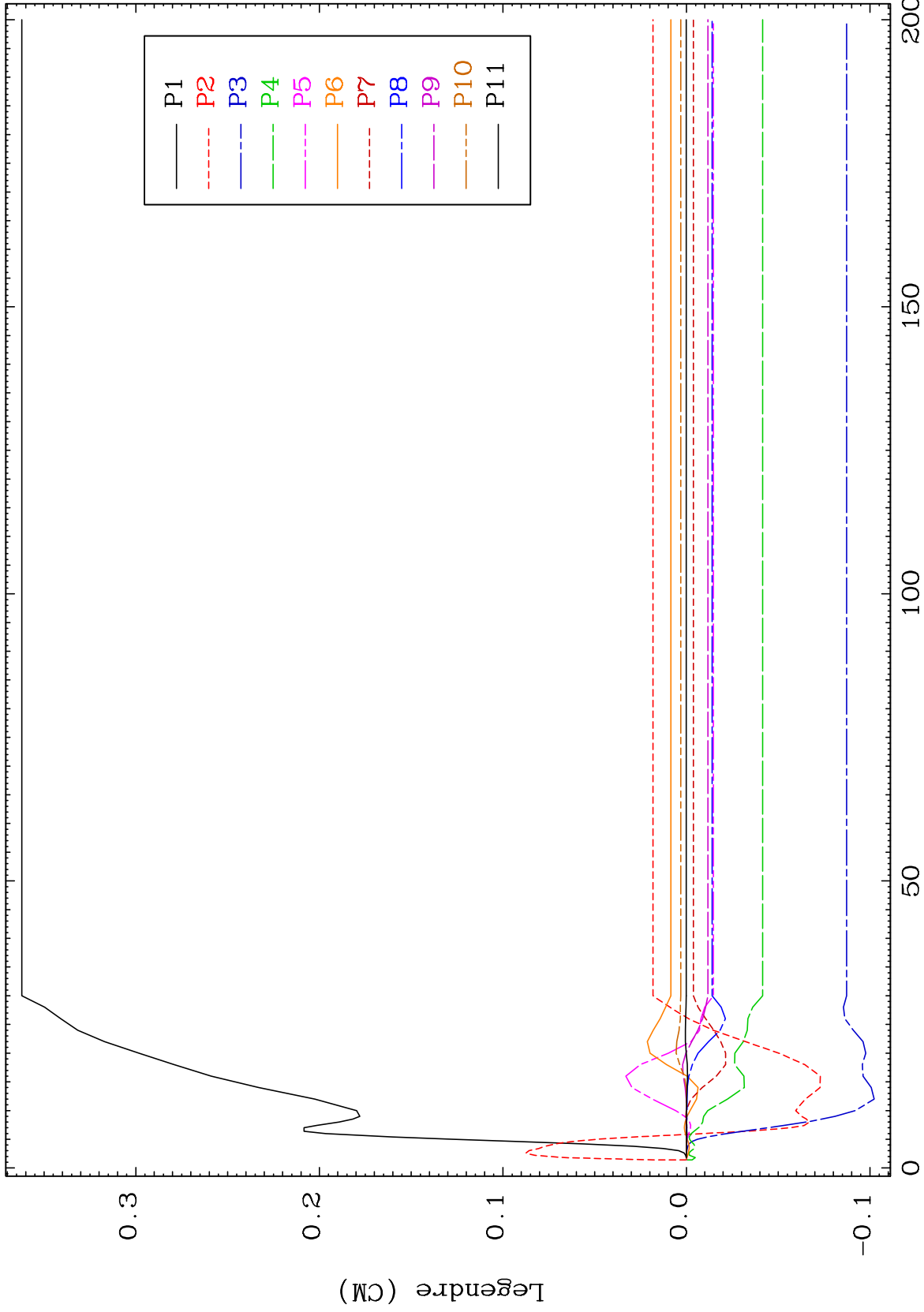
72-Hf-180



MAT 7243

MT= 69 (n,n') Level
Legendre Coefficients

72-Hf-180



87

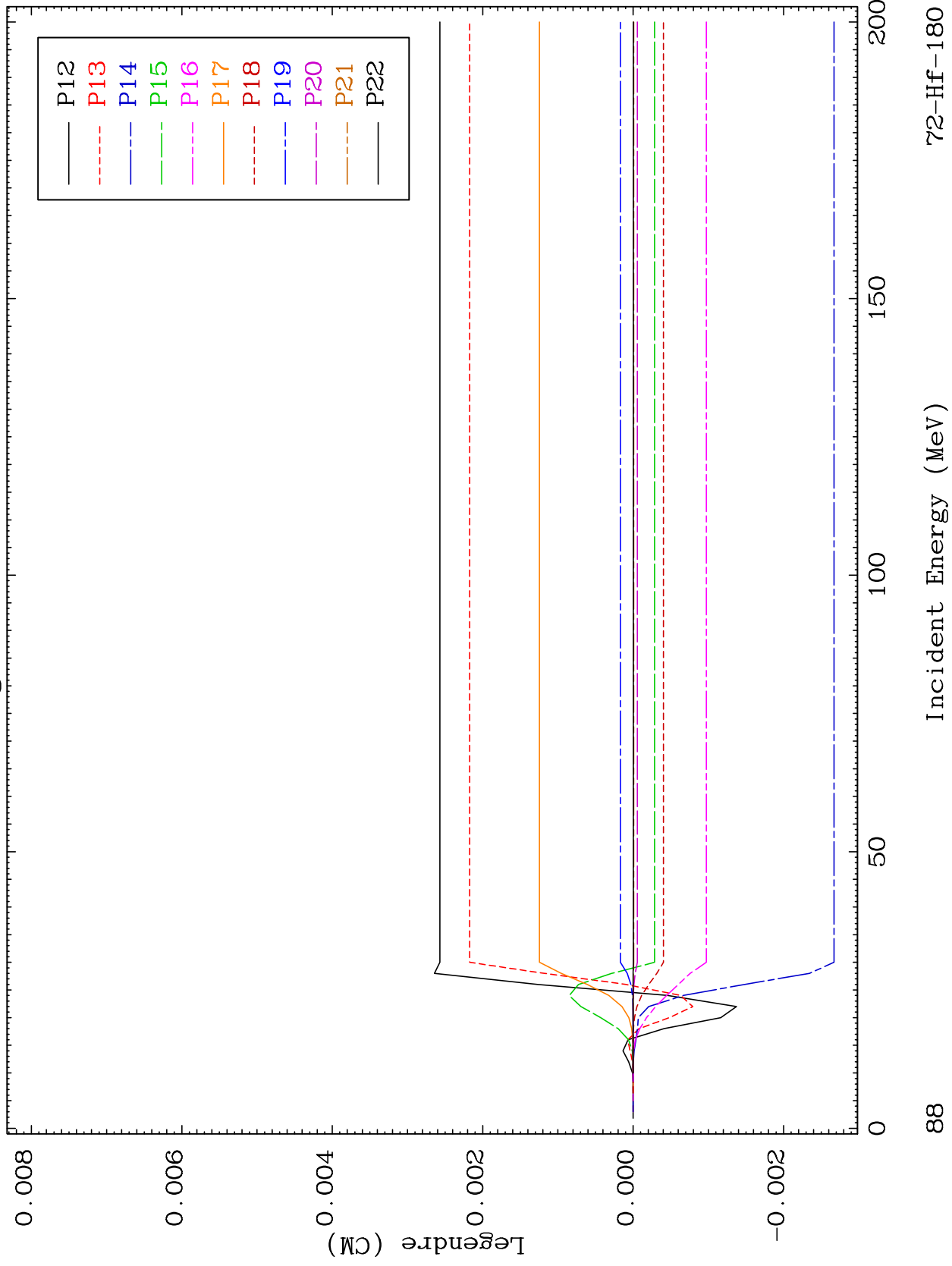
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 69 (n,n') Level
Legendre Coefficients

72-Hf-180



88

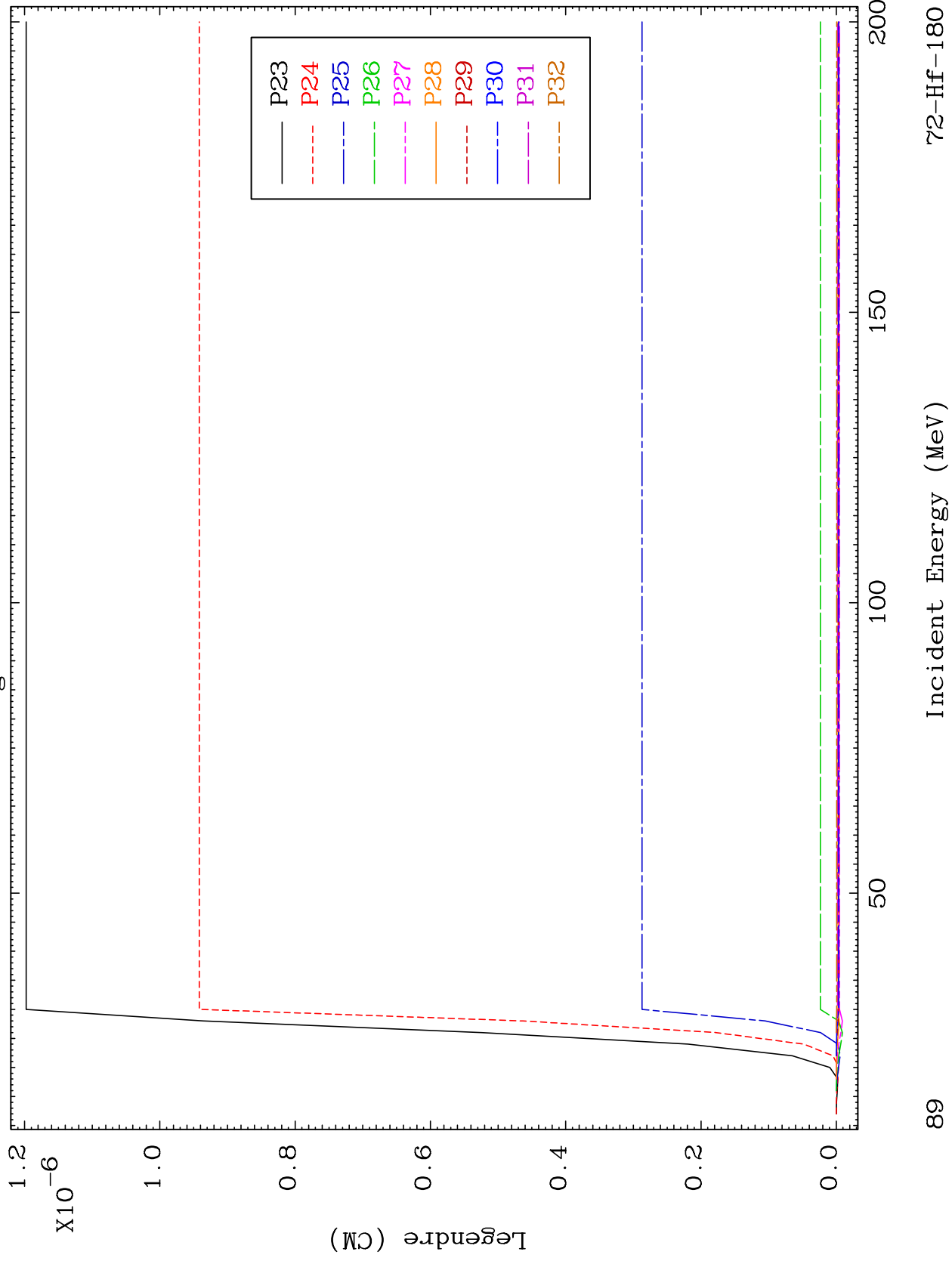
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 69 (n,n') Level
Legendre Coefficients

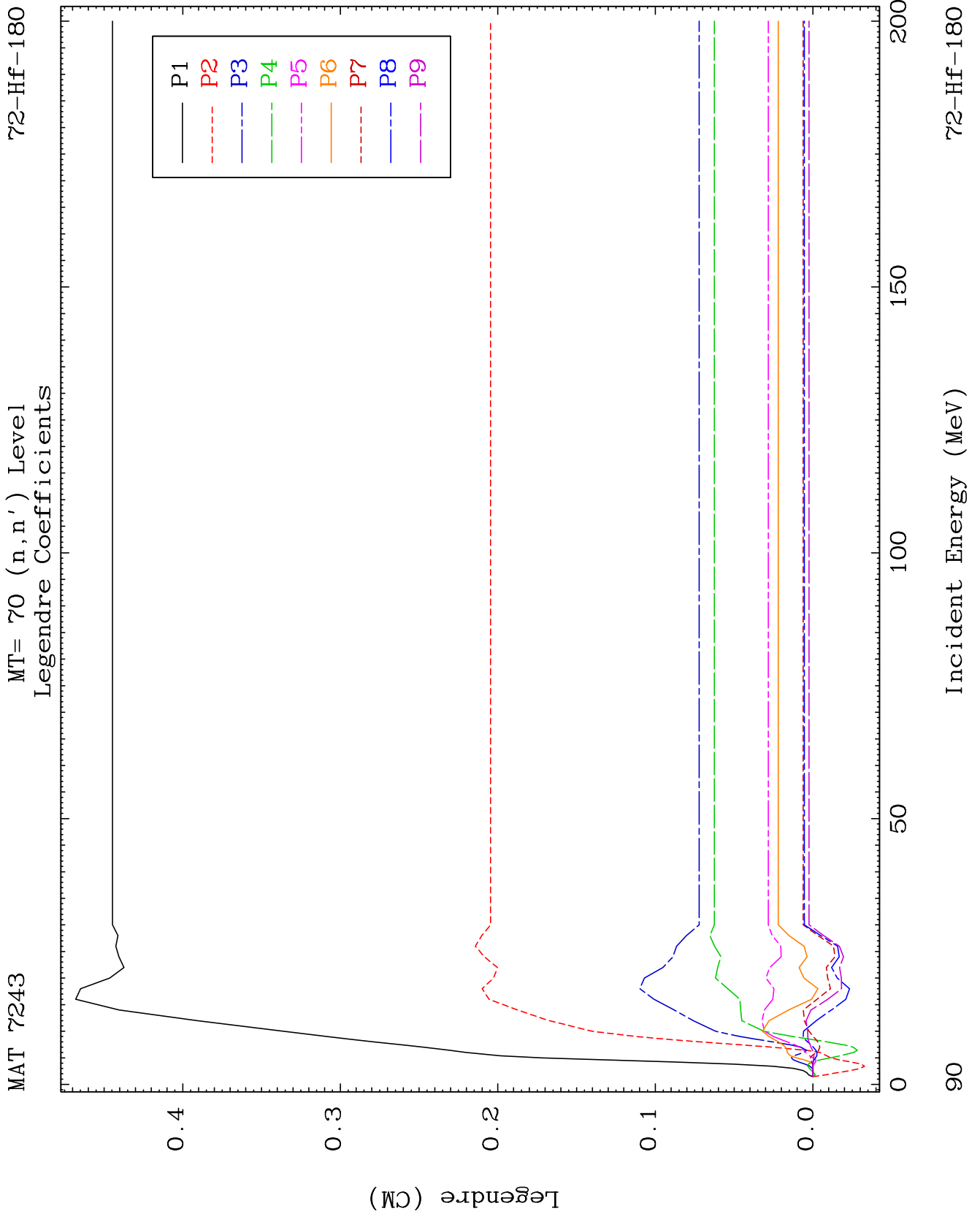
72-Hf-180



89

Incident Energy (MeV)

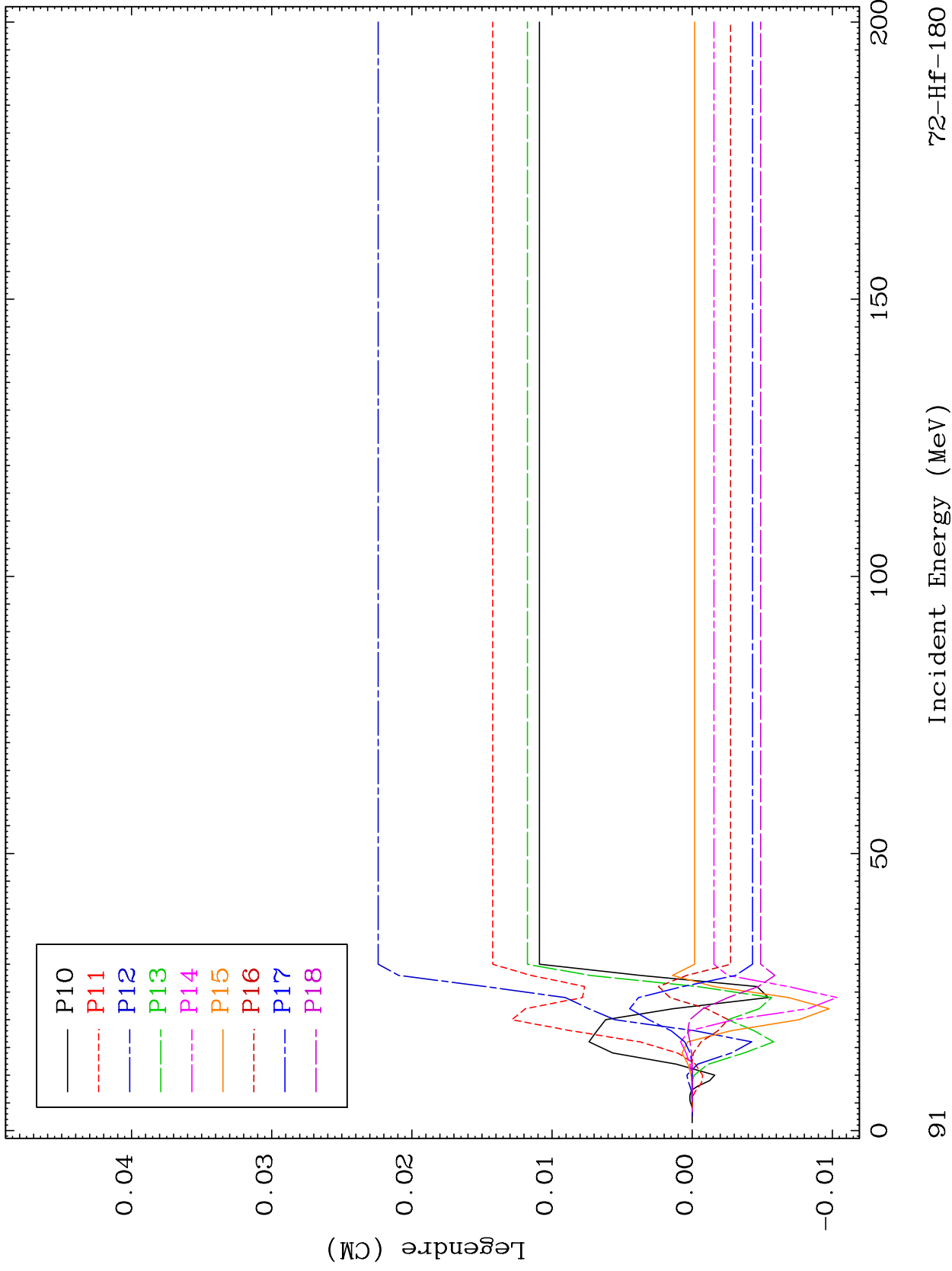
72-Hf-180



MAT 7243

MT= 70 (n,n') Level
Legendre Coefficients

72-Hf-180



91

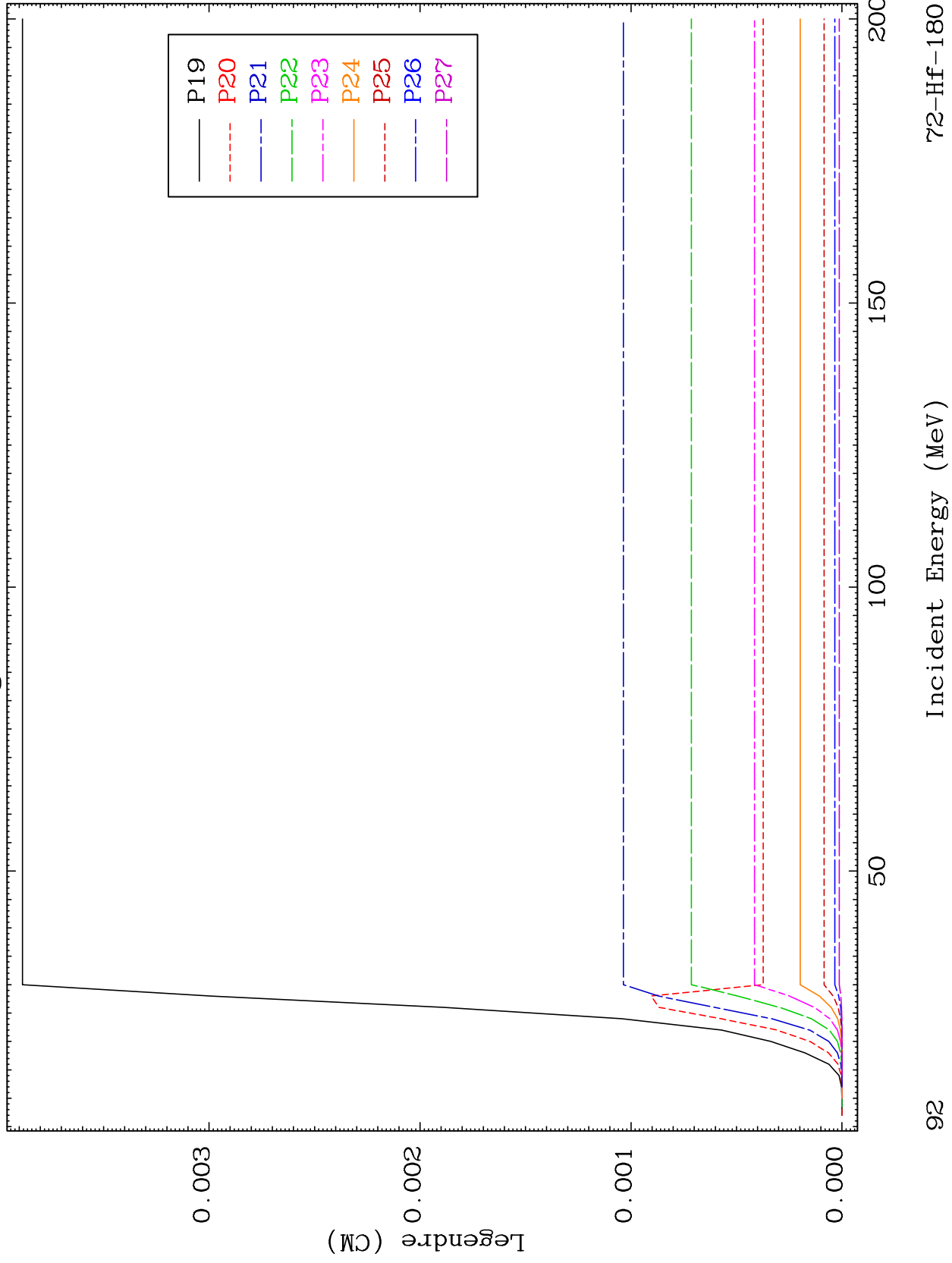
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 70 (n,n') Level
Legendre Coefficients

72-Hf-180



92

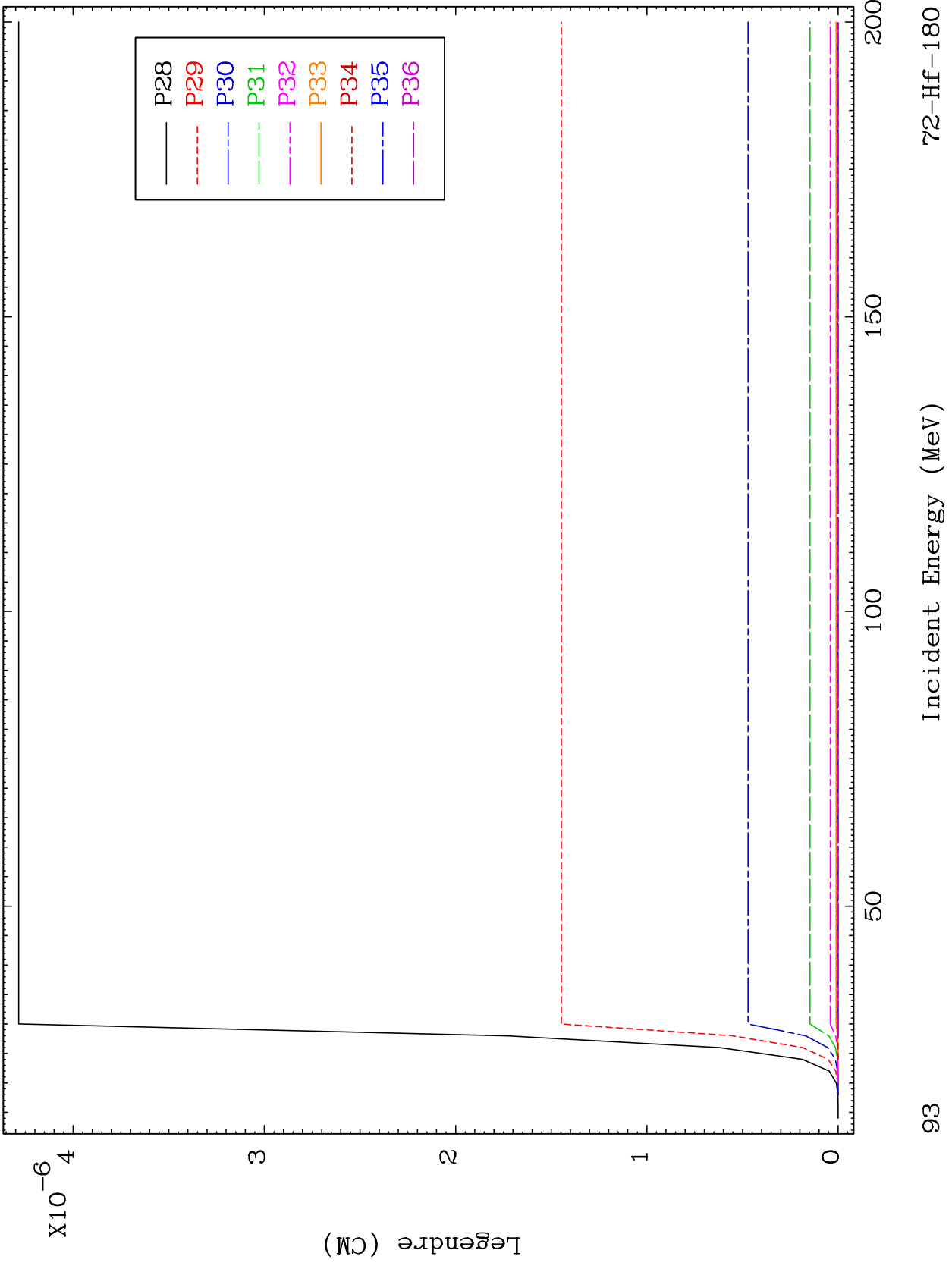
Incident Energy (MeV)

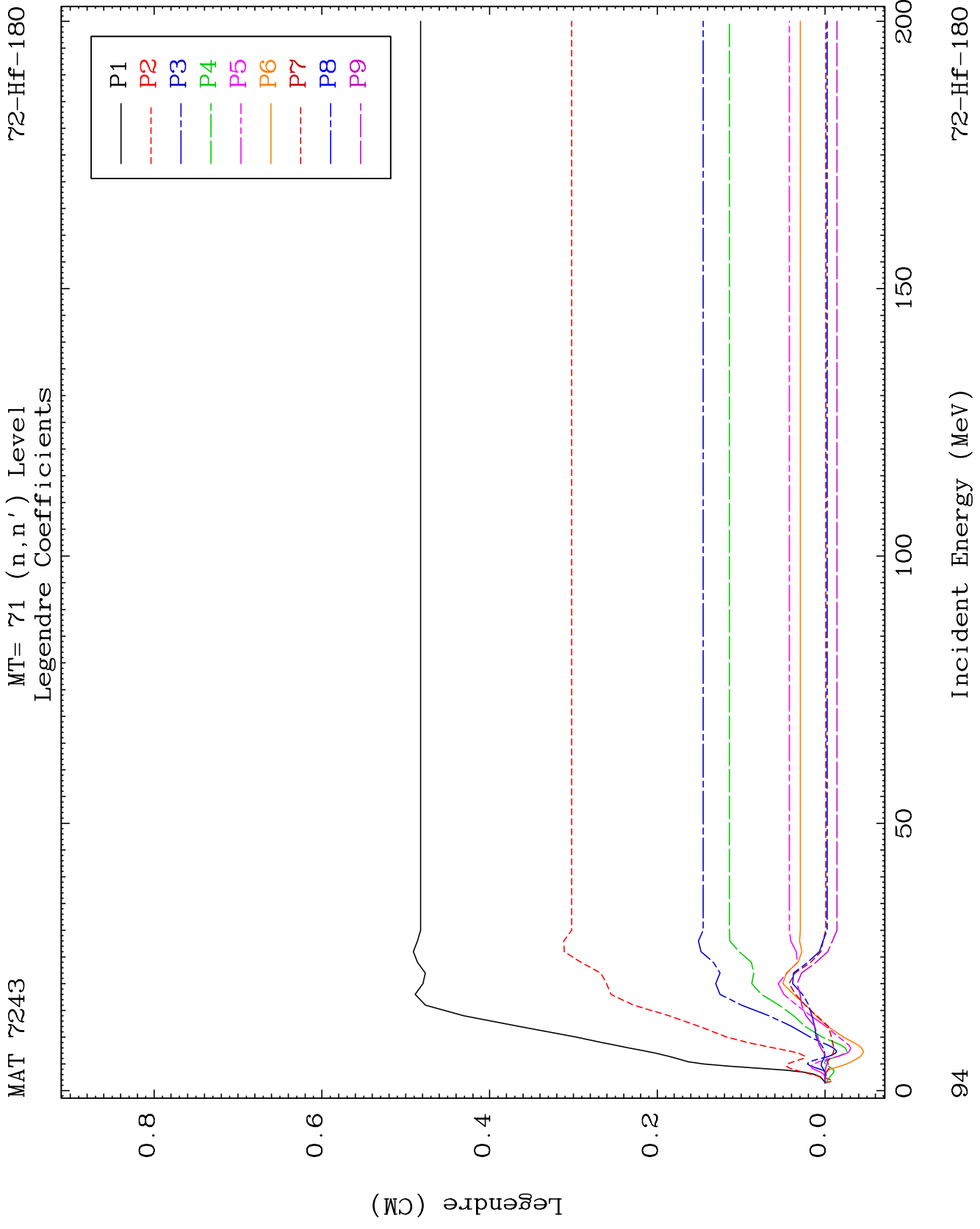
72-Hf-180

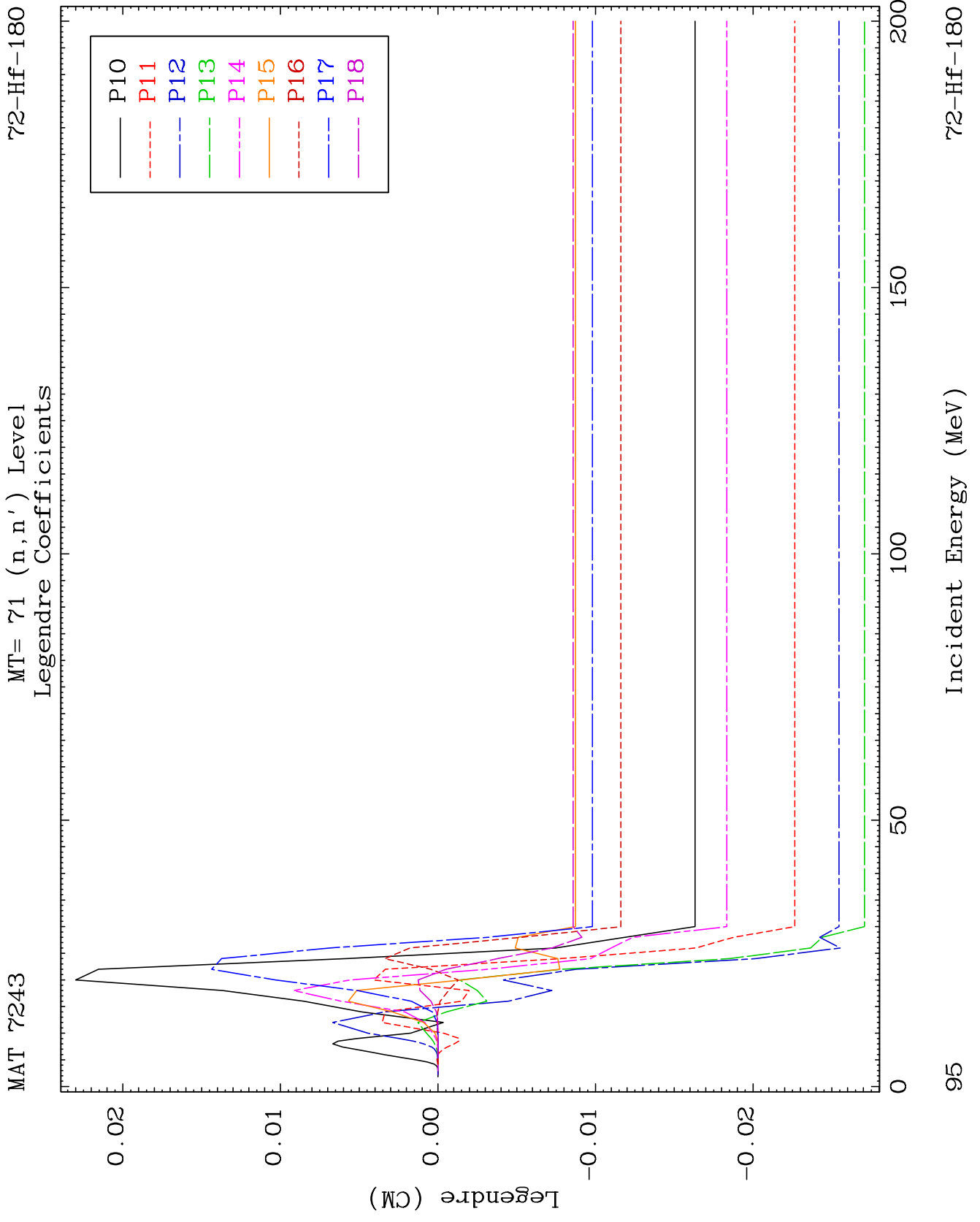
MAT 7243

MT= 70 (n,n') Level
Legendre Coefficients

72-Hf-180



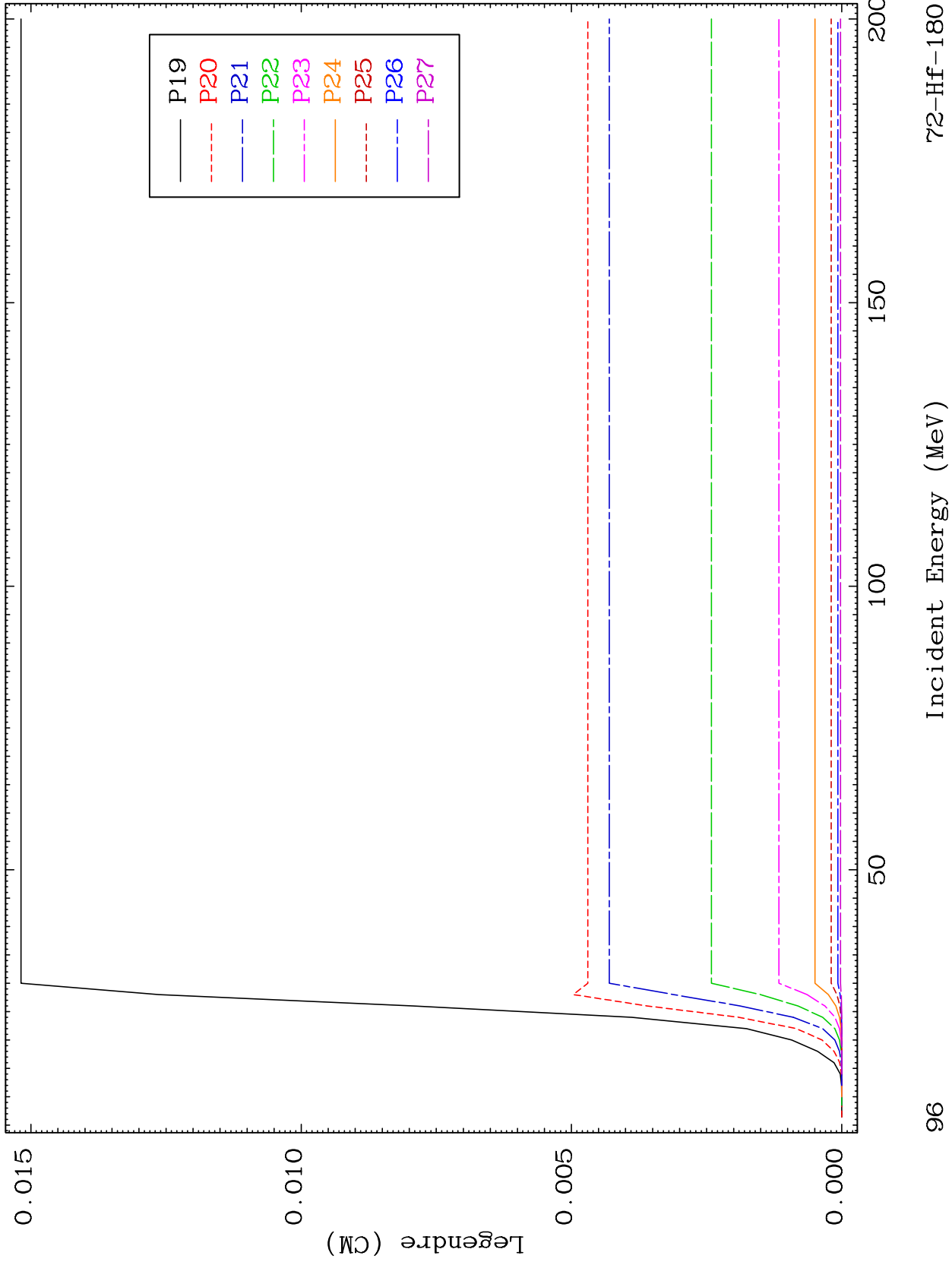




MAT 7243

MT= 71 (n,n') Level
Legendre Coefficients

72-Hf-180



96

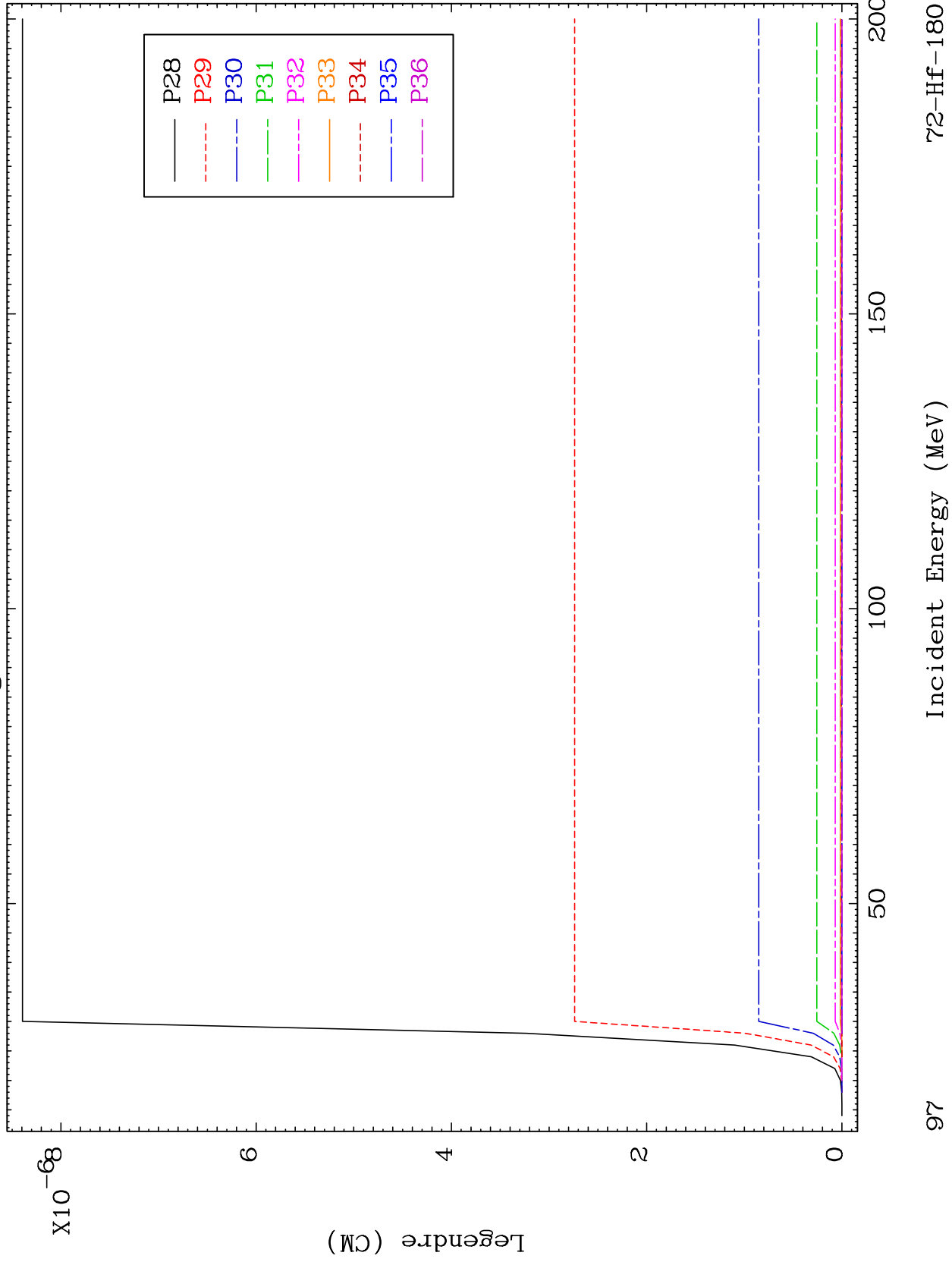
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 71 (n,n') Level
Legendre Coefficients

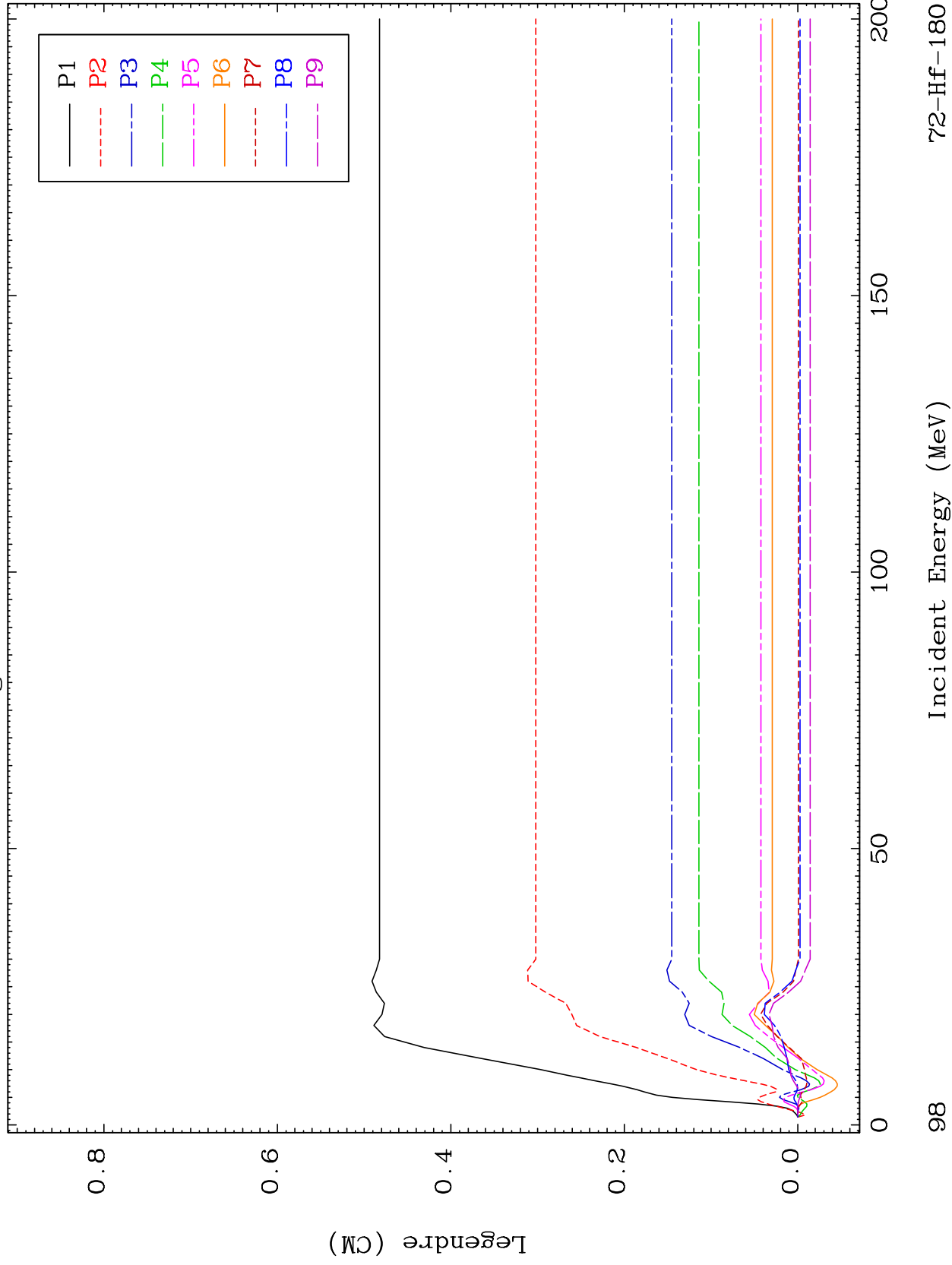
72-Hf-180

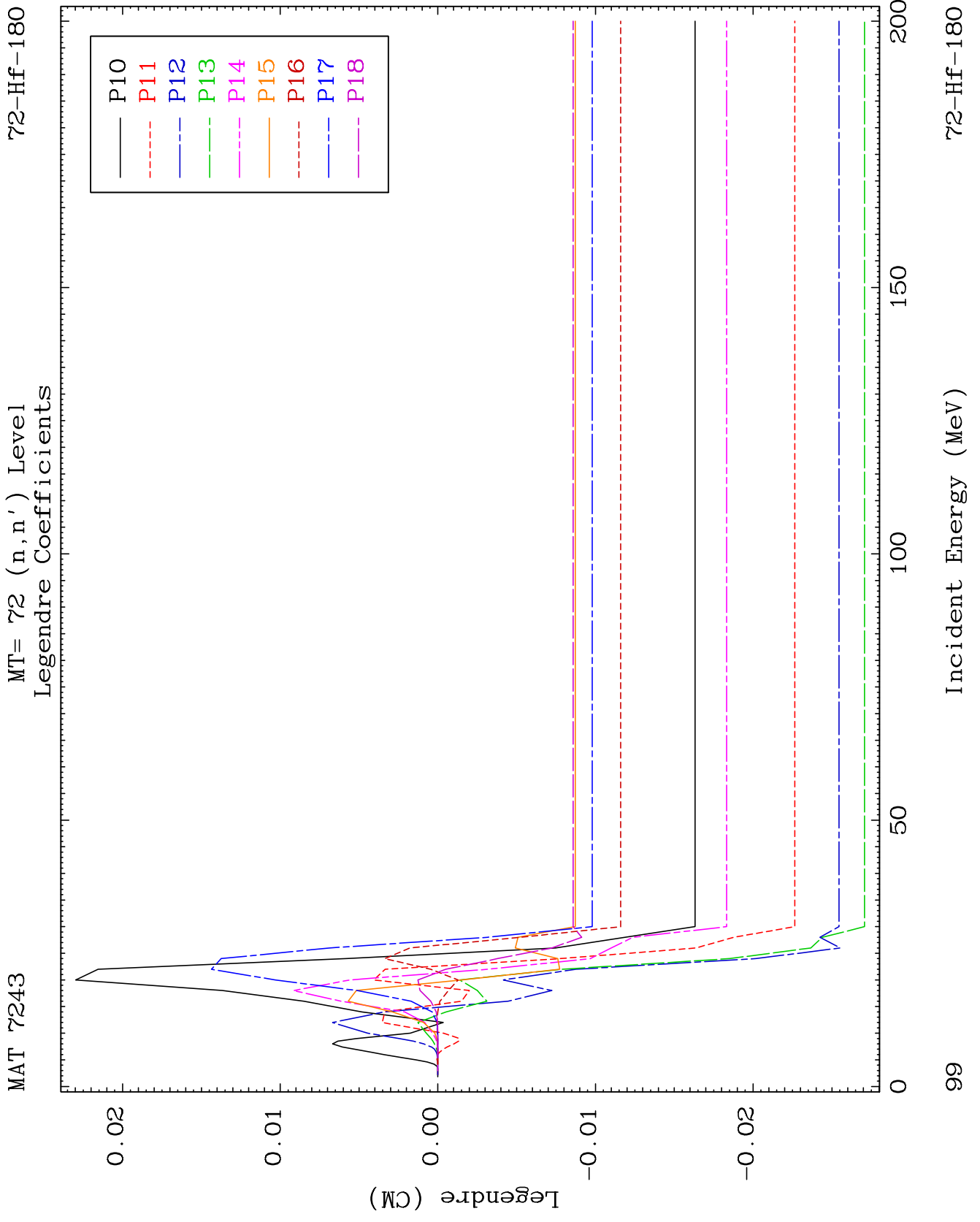


MAT 7243

MT= 72 (n,n') Level
Legendre Coefficients

72-Hf-180

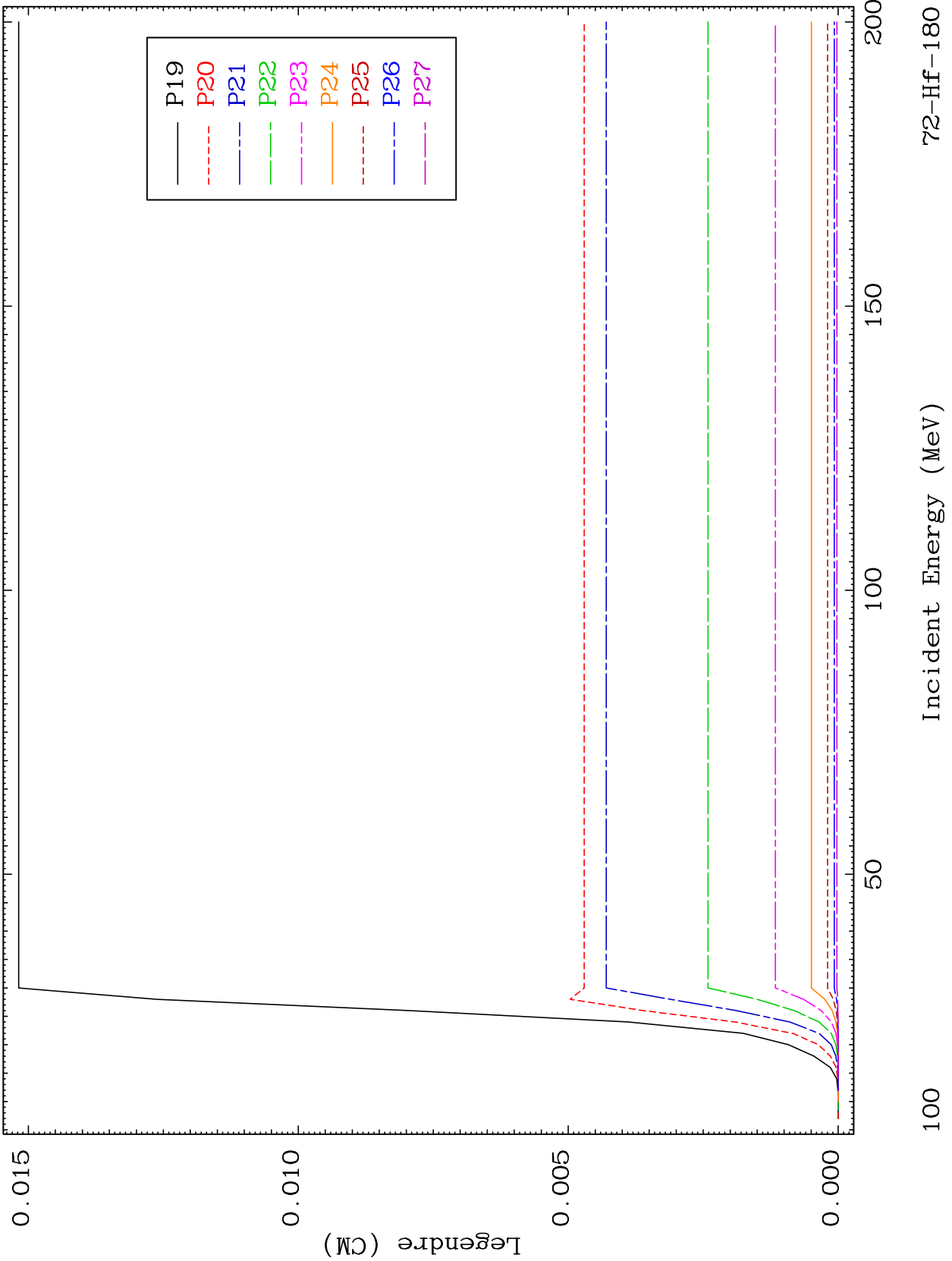




MAT 7243

MT= 72 (n,n') Level
Legendre Coefficients

72-Hf-180



100

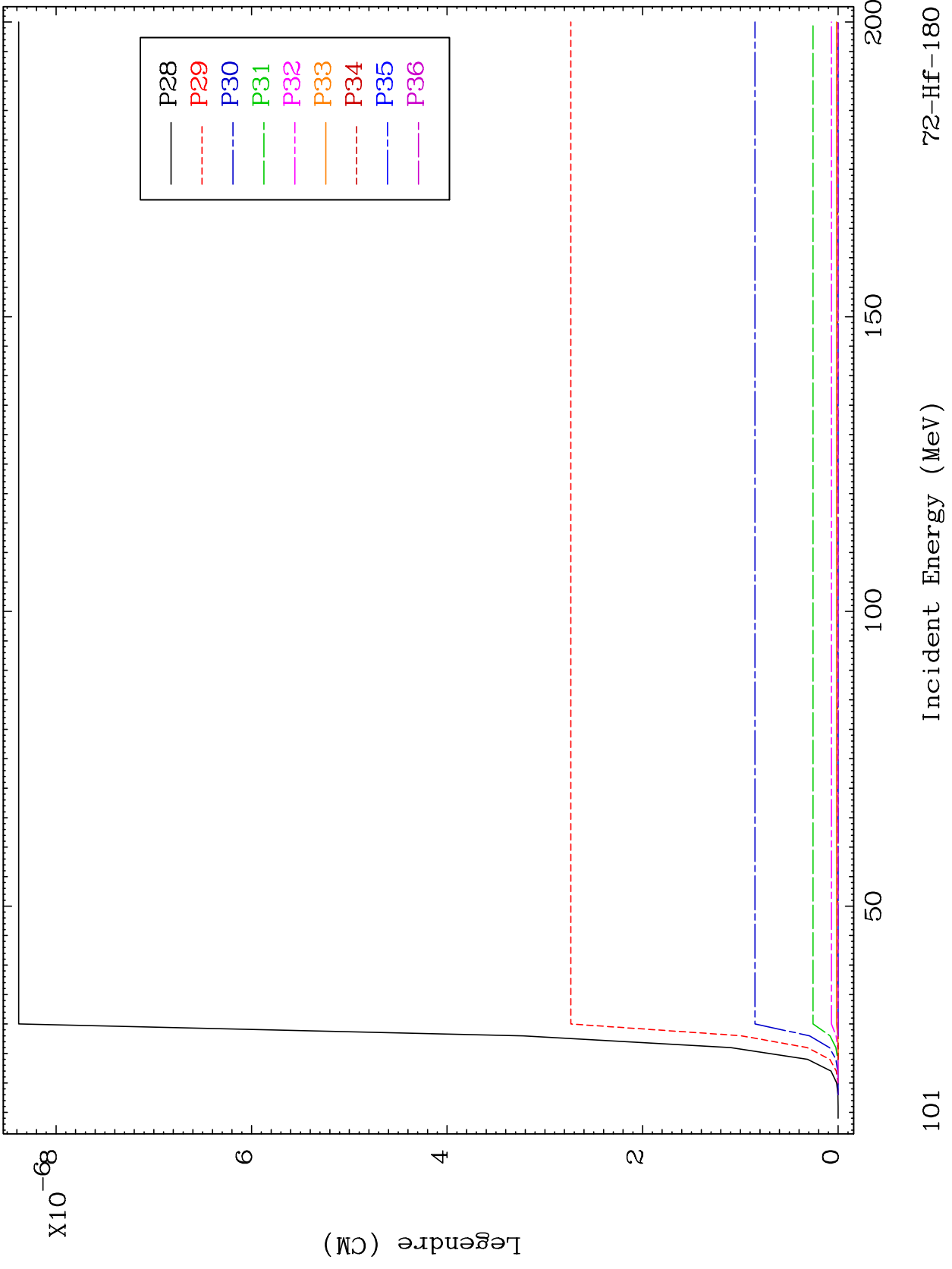
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 72 (n,n') Level
Legendre Coefficients

72-Hf-180



101

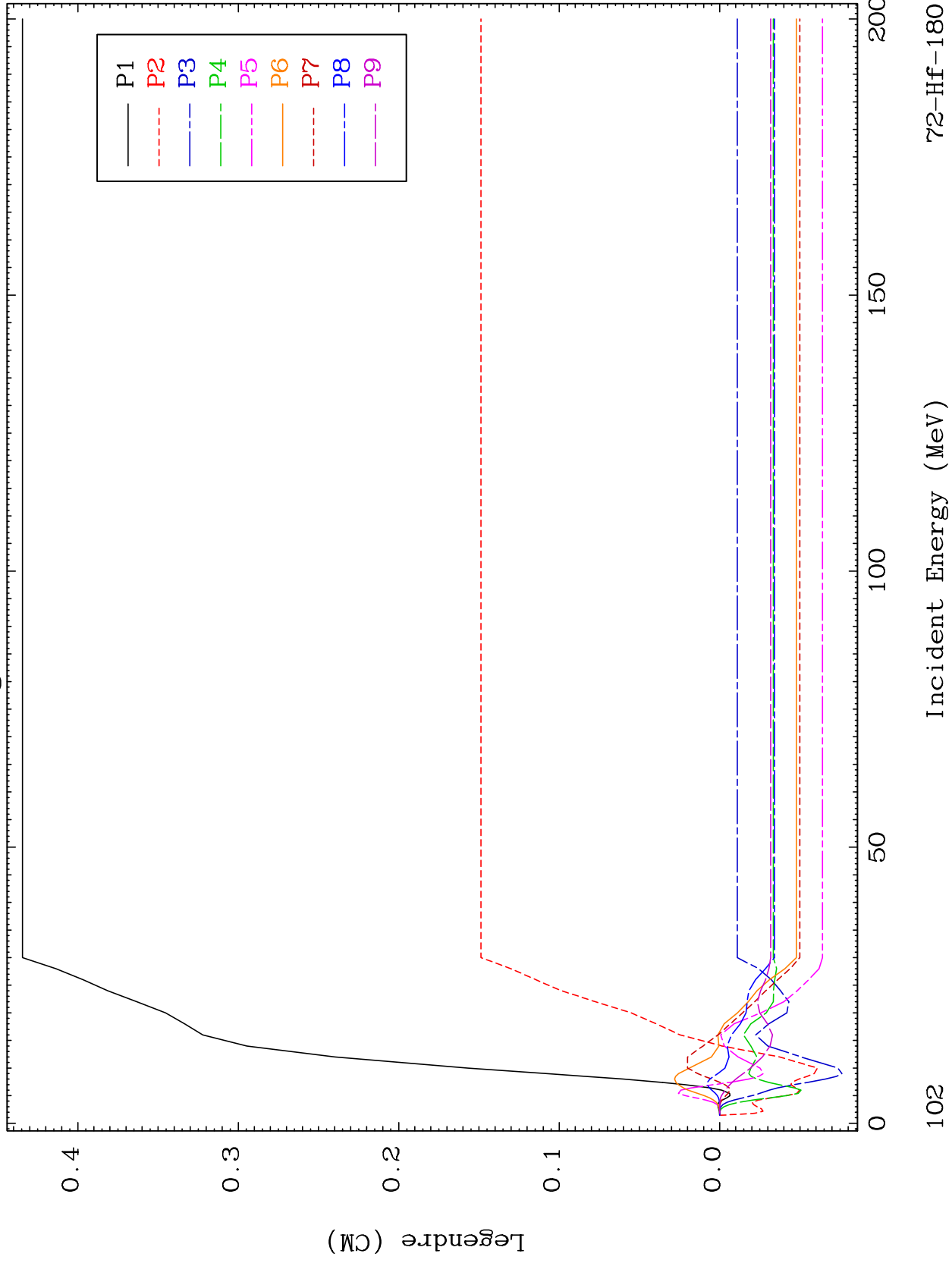
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 73 (n,n') Level
Legendre Coefficients

72-Hf-180



72-Hf-180

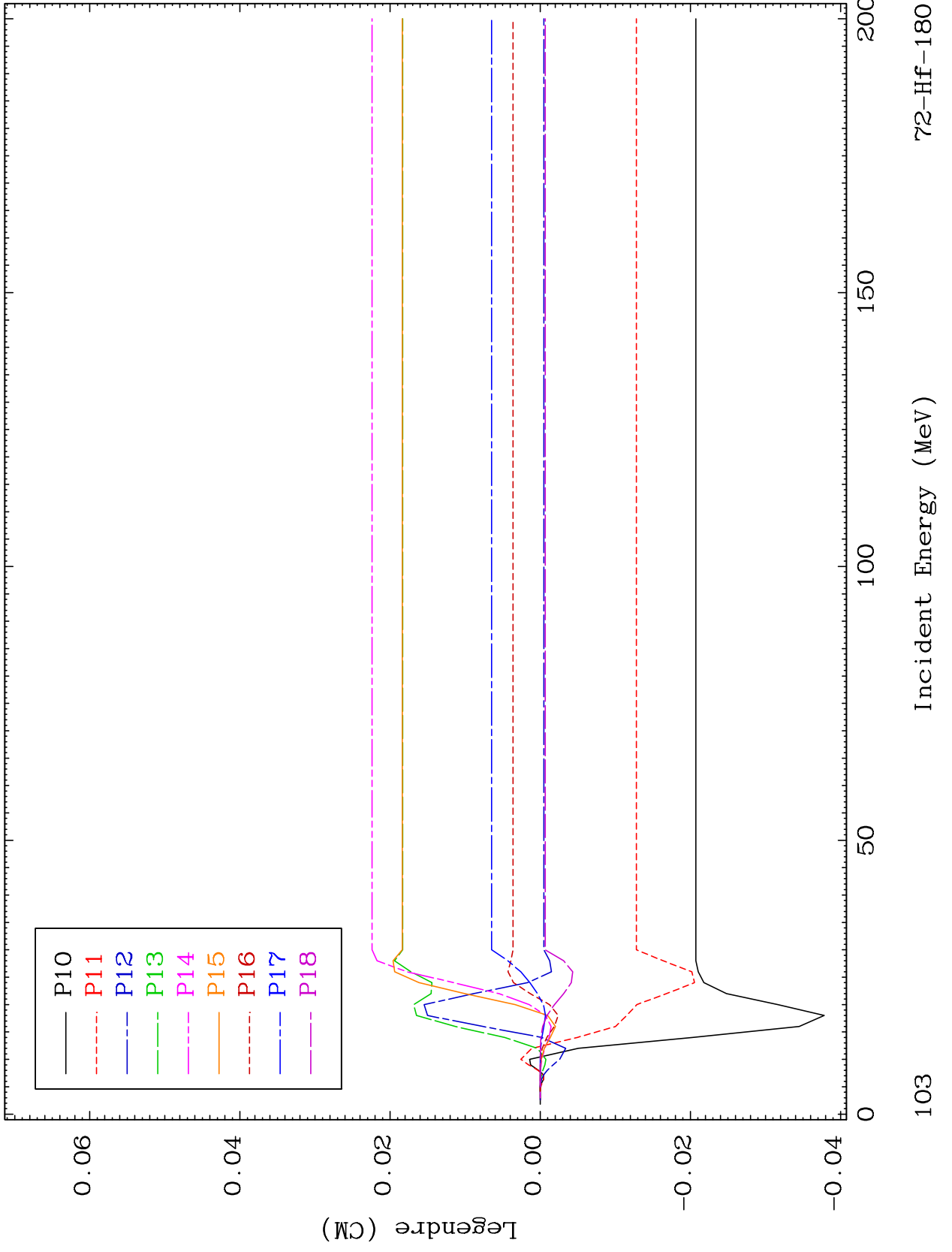
Incident Energy (MeV)

102

MAT 7243

MT= 73 (n,n') Level
Legendre Coefficients

72-Hf-180



103

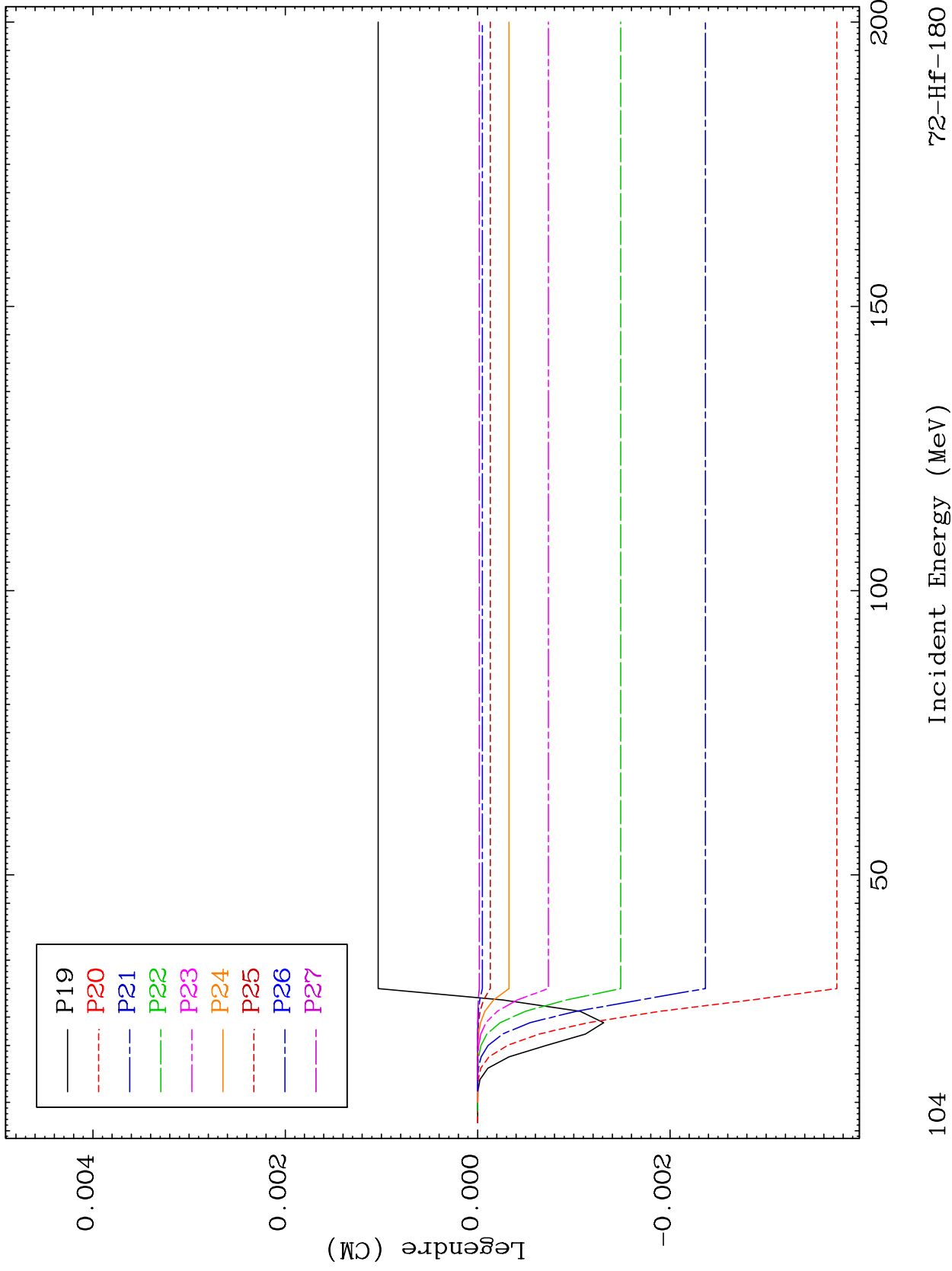
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 73 (n,n') Level
Legendre Coefficients

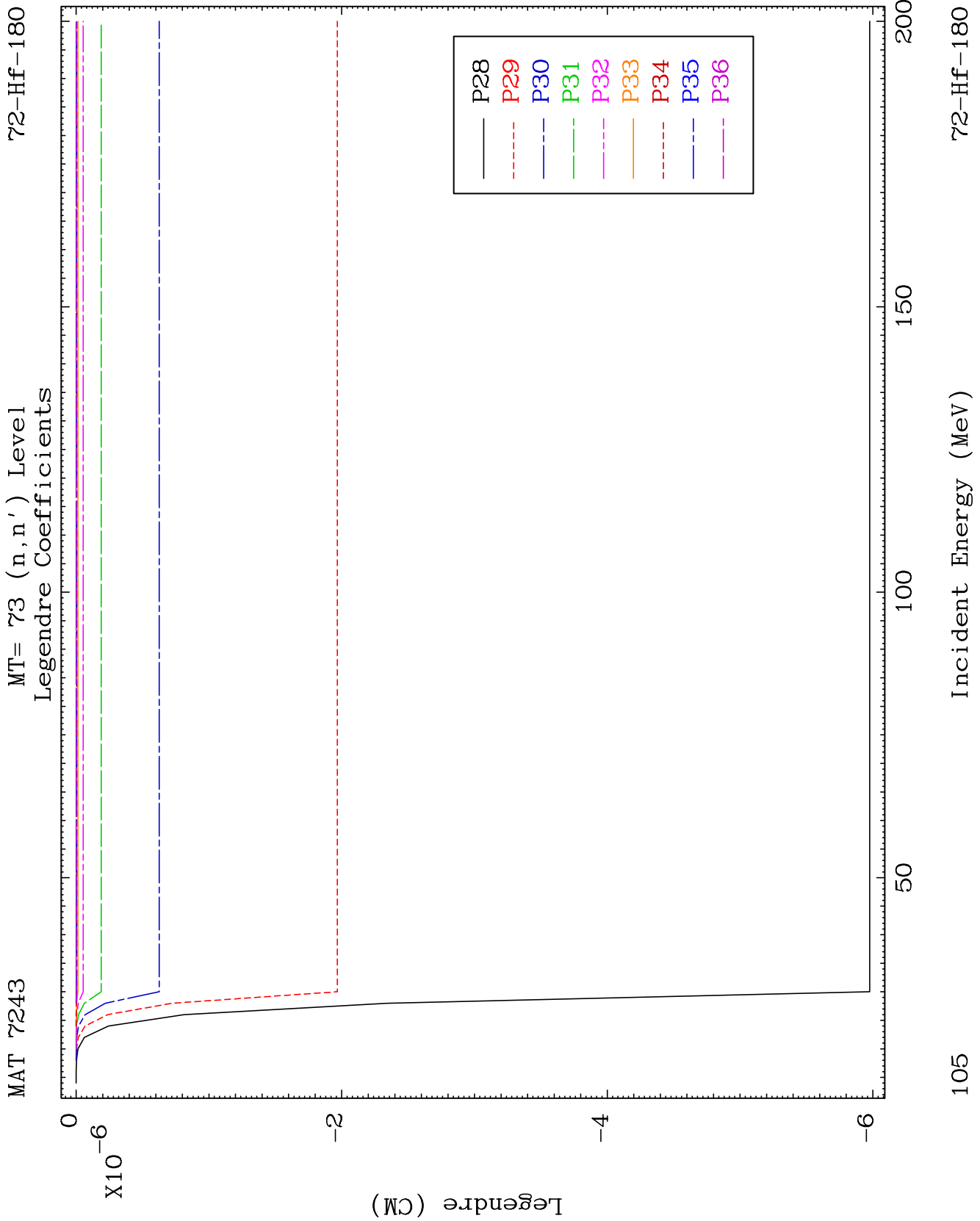
72-Hf-180

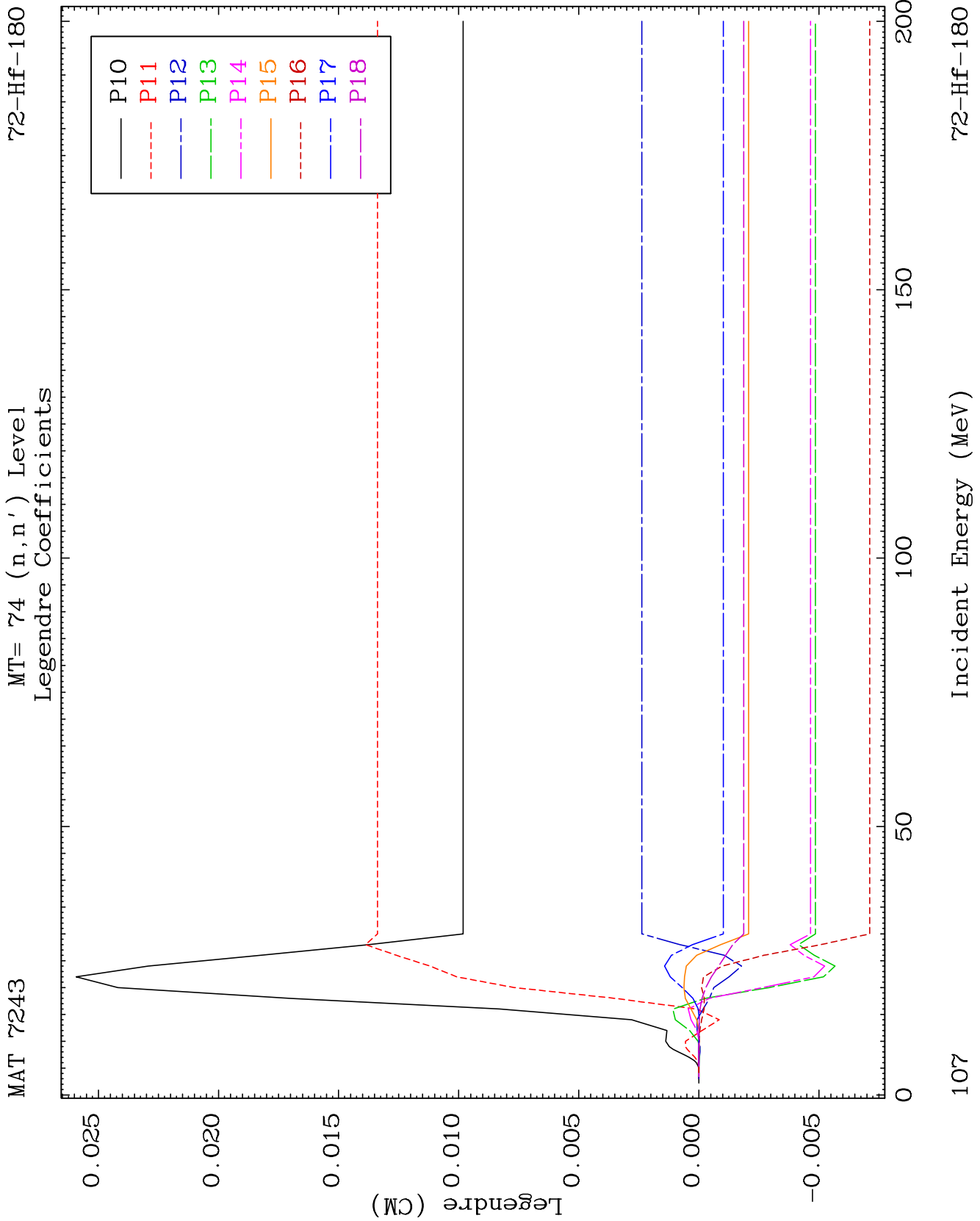


104

Incident Energy (MeV)

72-Hf-180

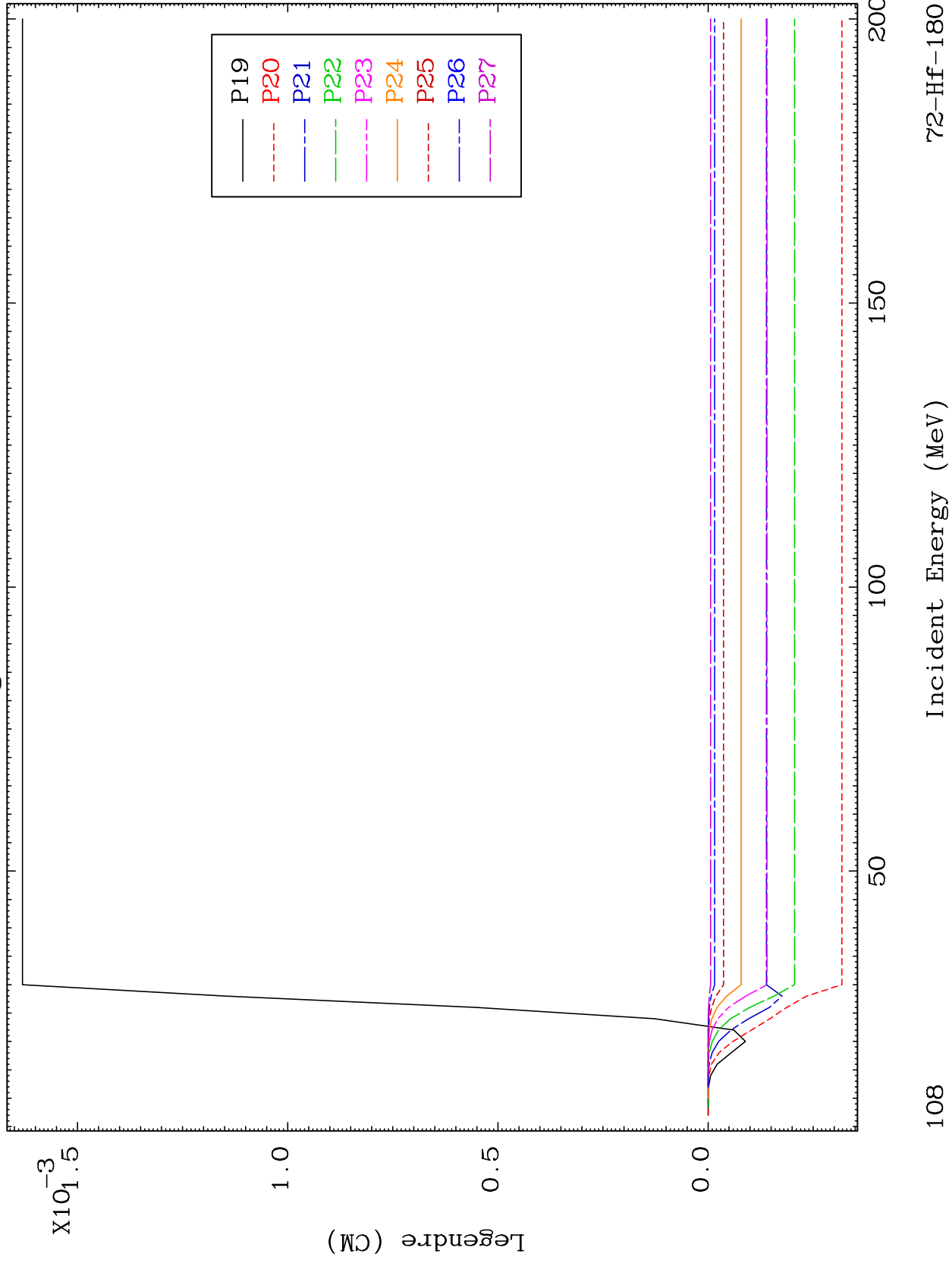


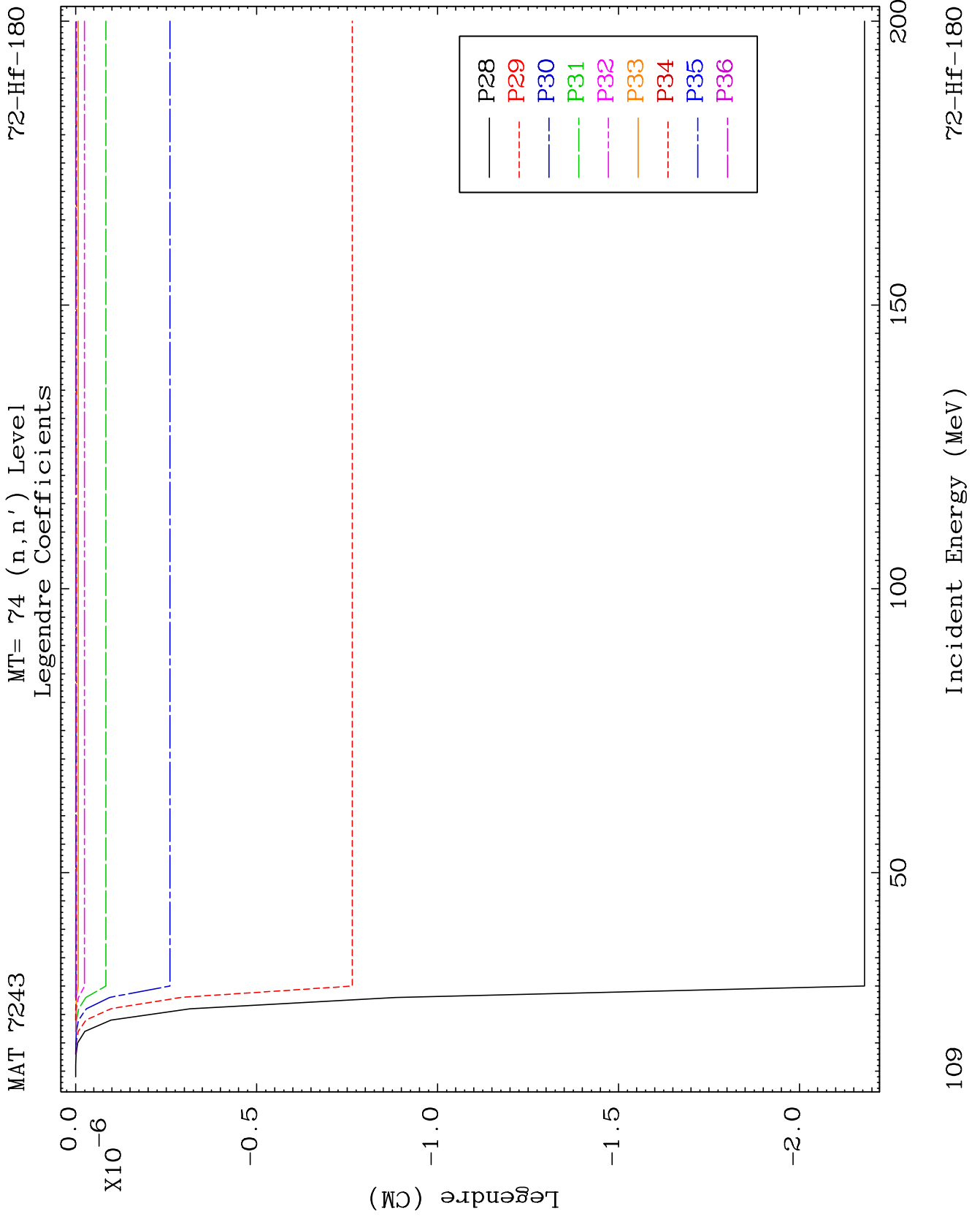


MAT 7243

MT= 74 (n,n') Level
Legendre Coefficients

72-Hf-180

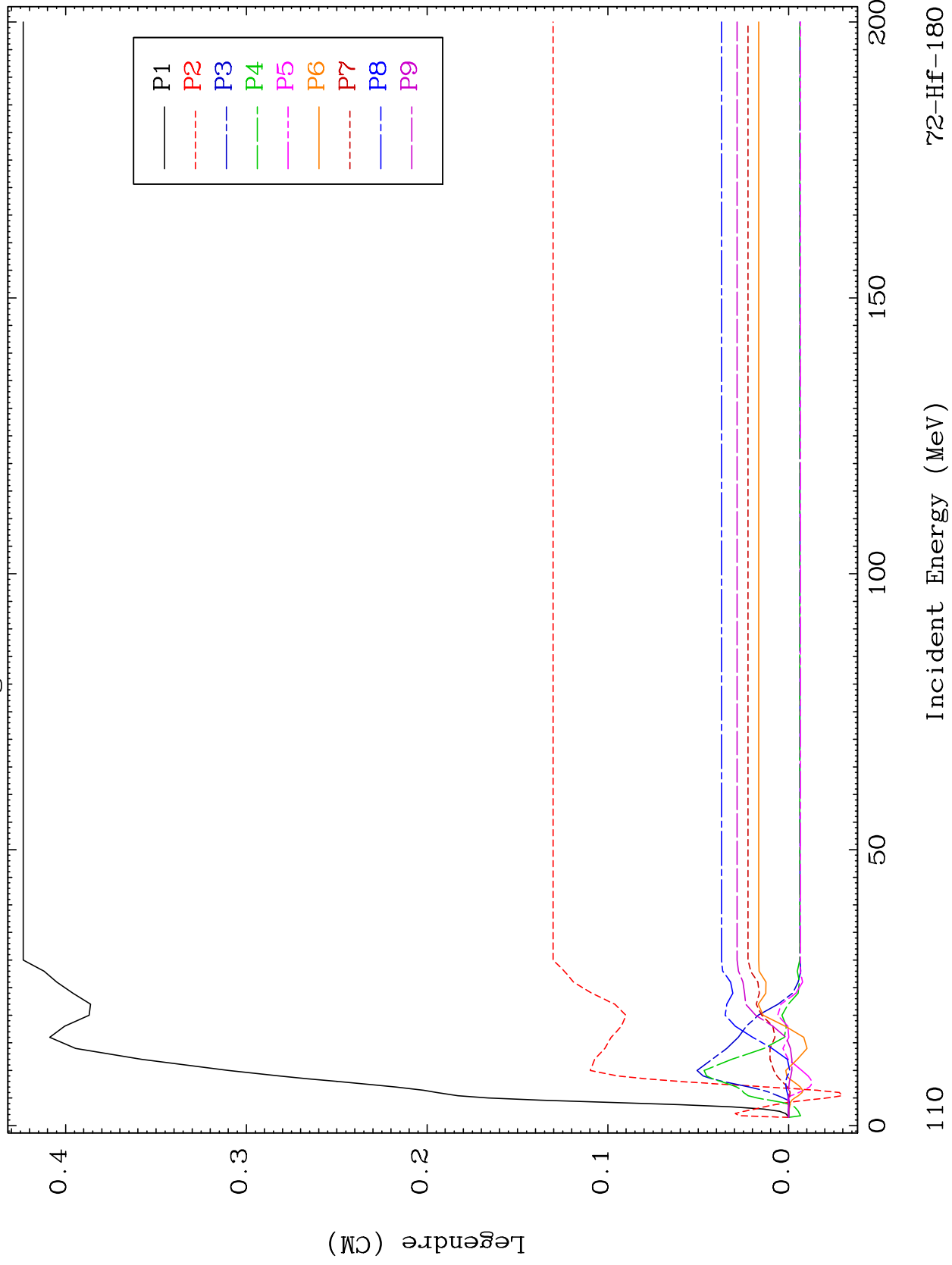




MAT 7243

MT= 75 (n,n') Level
Legendre Coefficients

72-Hf-180



72-Hf-180

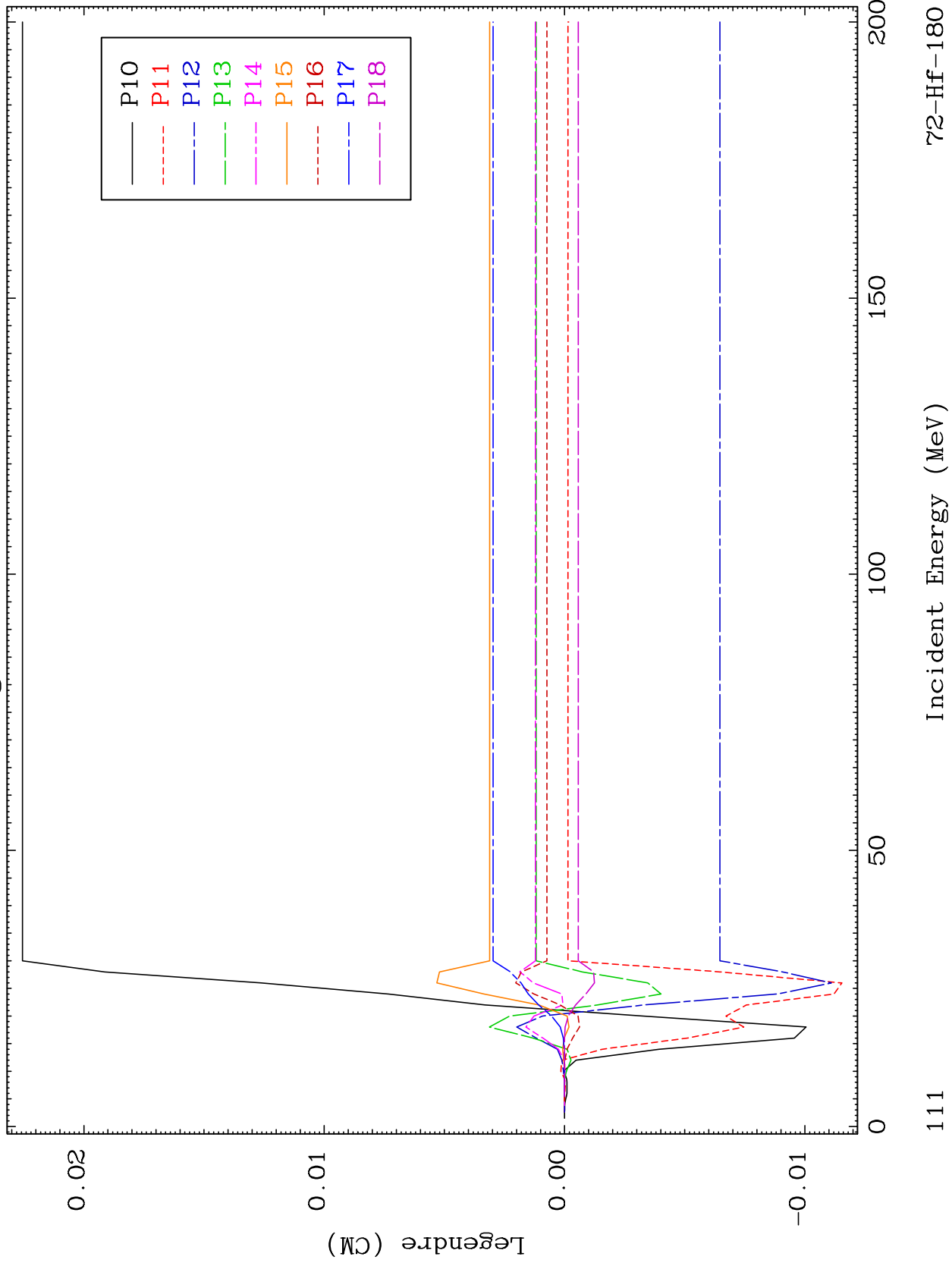
Incident Energy (MeV)

110

MAT 7243

MT= 75 (n,n') Level
Legendre Coefficients

72-Hf-180



111

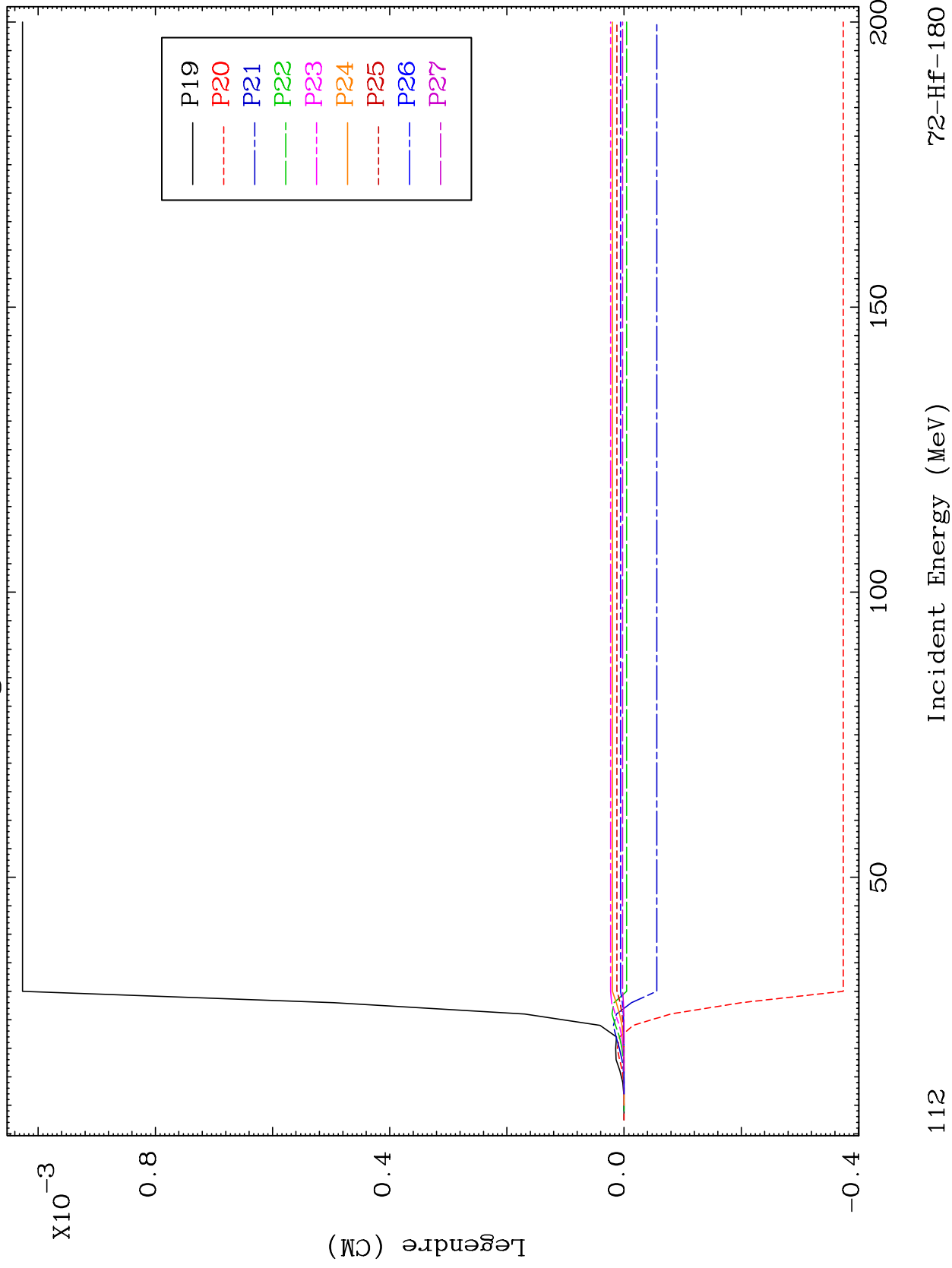
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 75 (n,n') Level
Legendre Coefficients

72-Hf-180



112

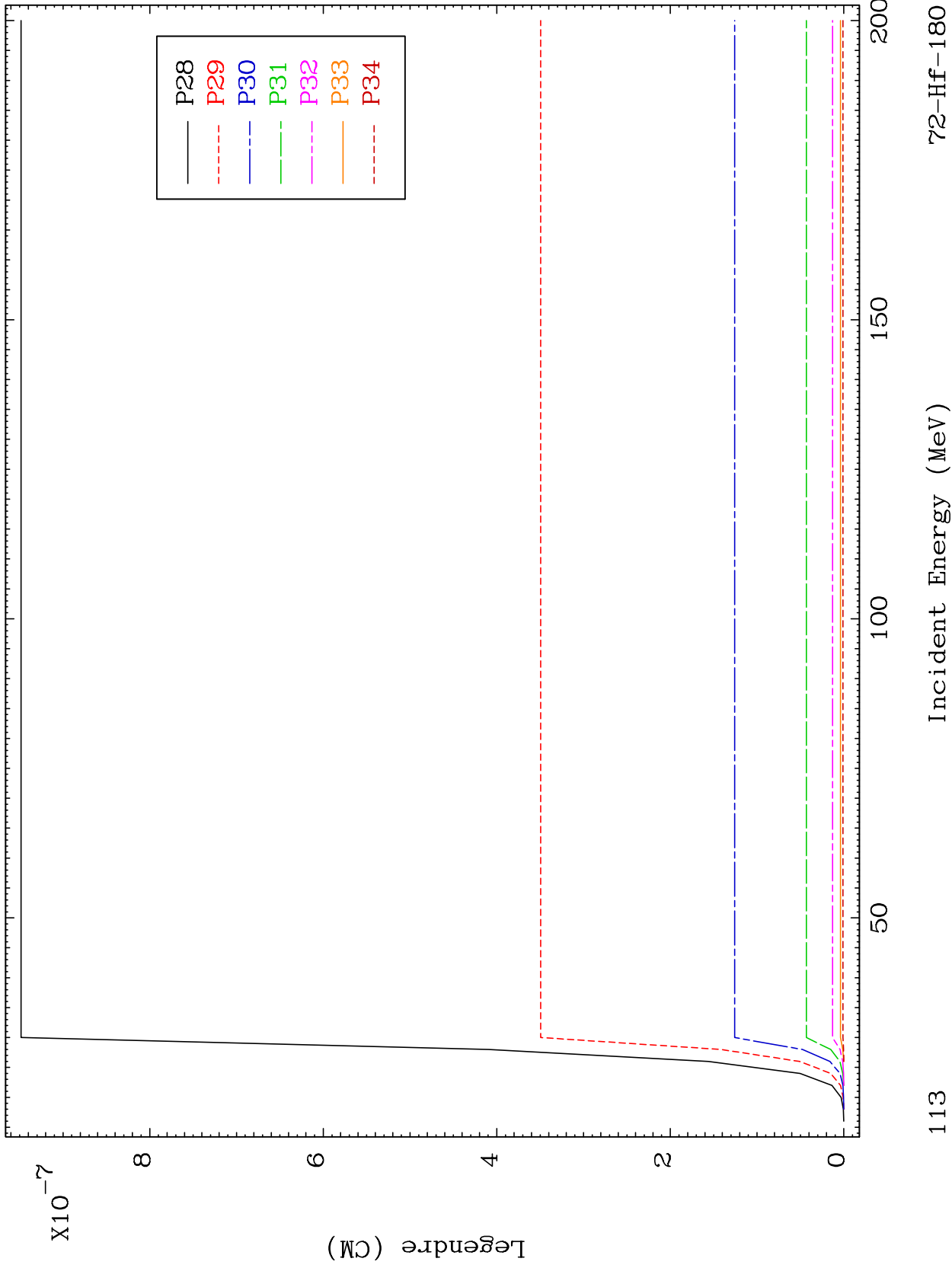
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 75 (n,n') Level
Legendre Coefficients

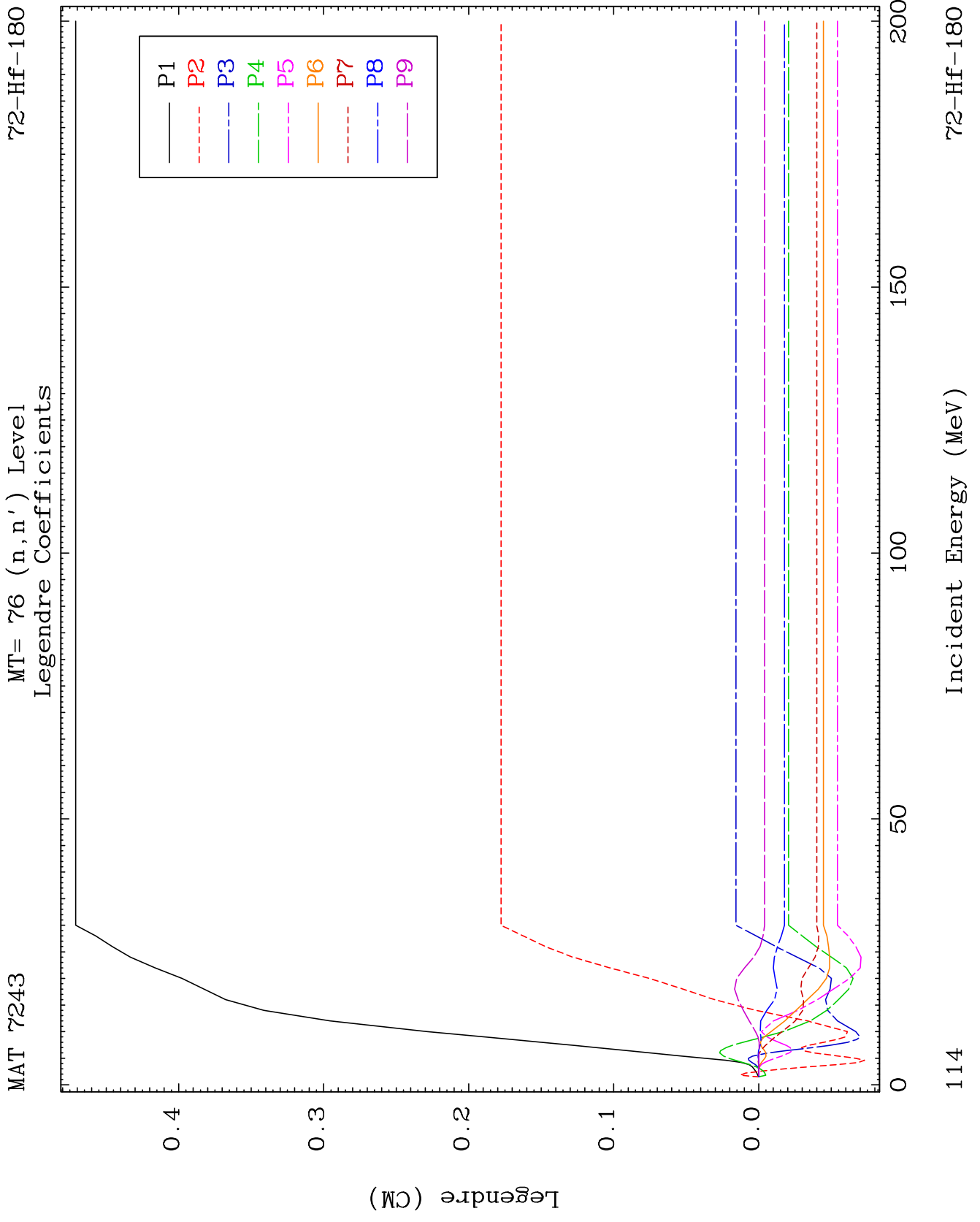
72-Hf-180



113

Incident Energy (MeV)

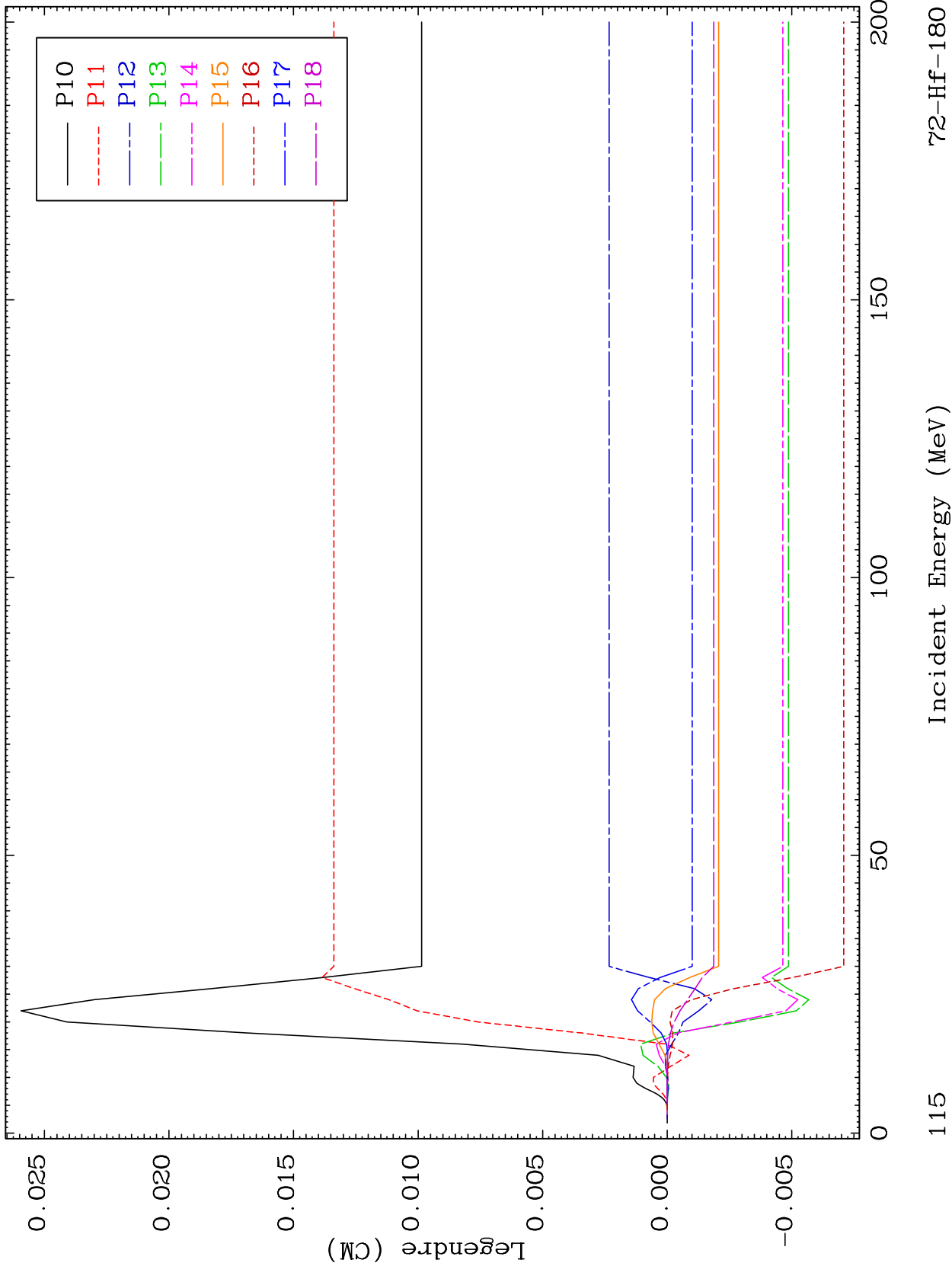
72-Hf-180



MAT 7243

MT= 76 (n,n') Level
Legendre Coefficients

72-Hf-180



72-Hf-180

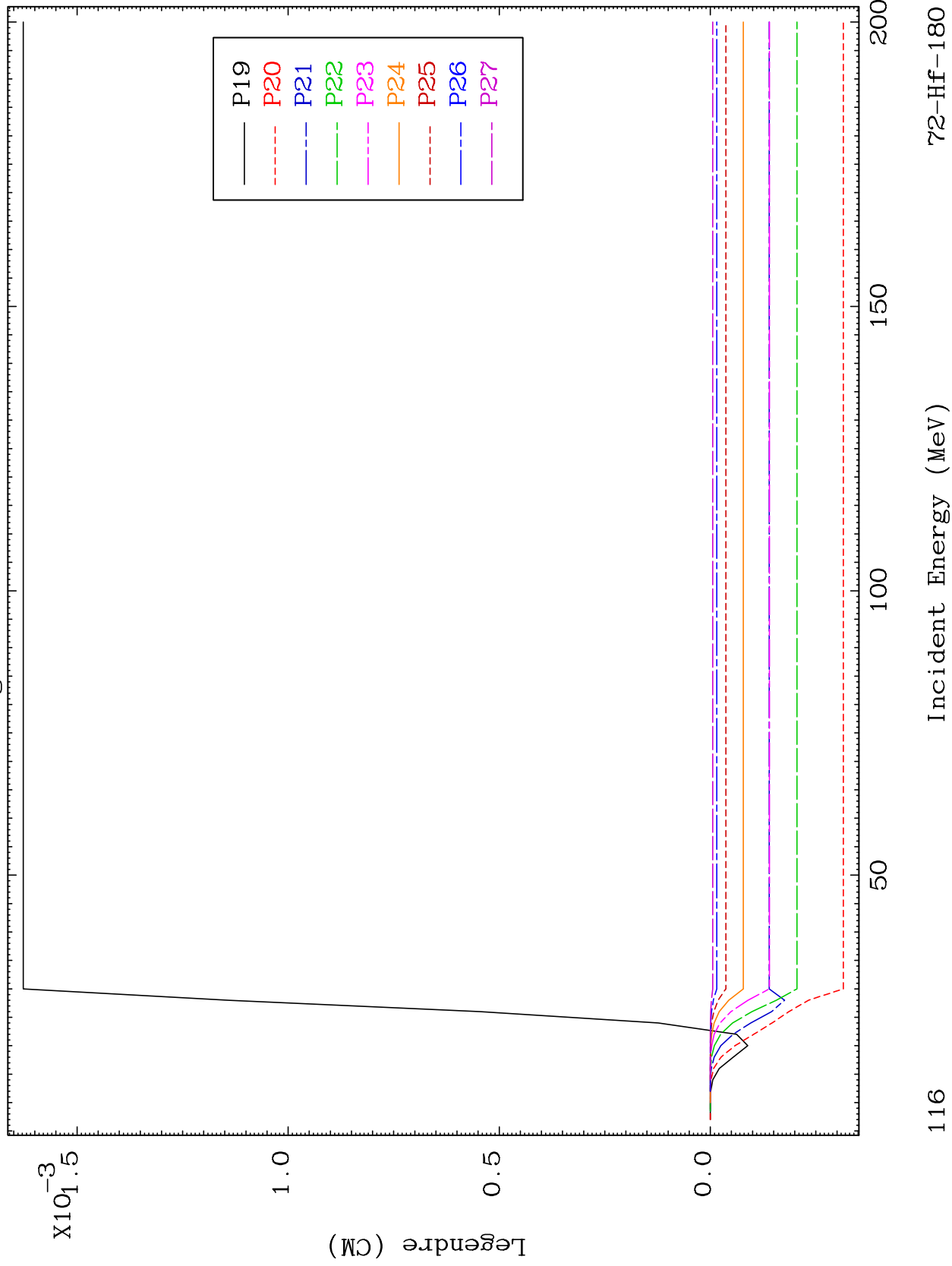
Incident Energy (MeV)

115

MAT 7243

MT= 76 (n,n') Level
Legendre Coefficients

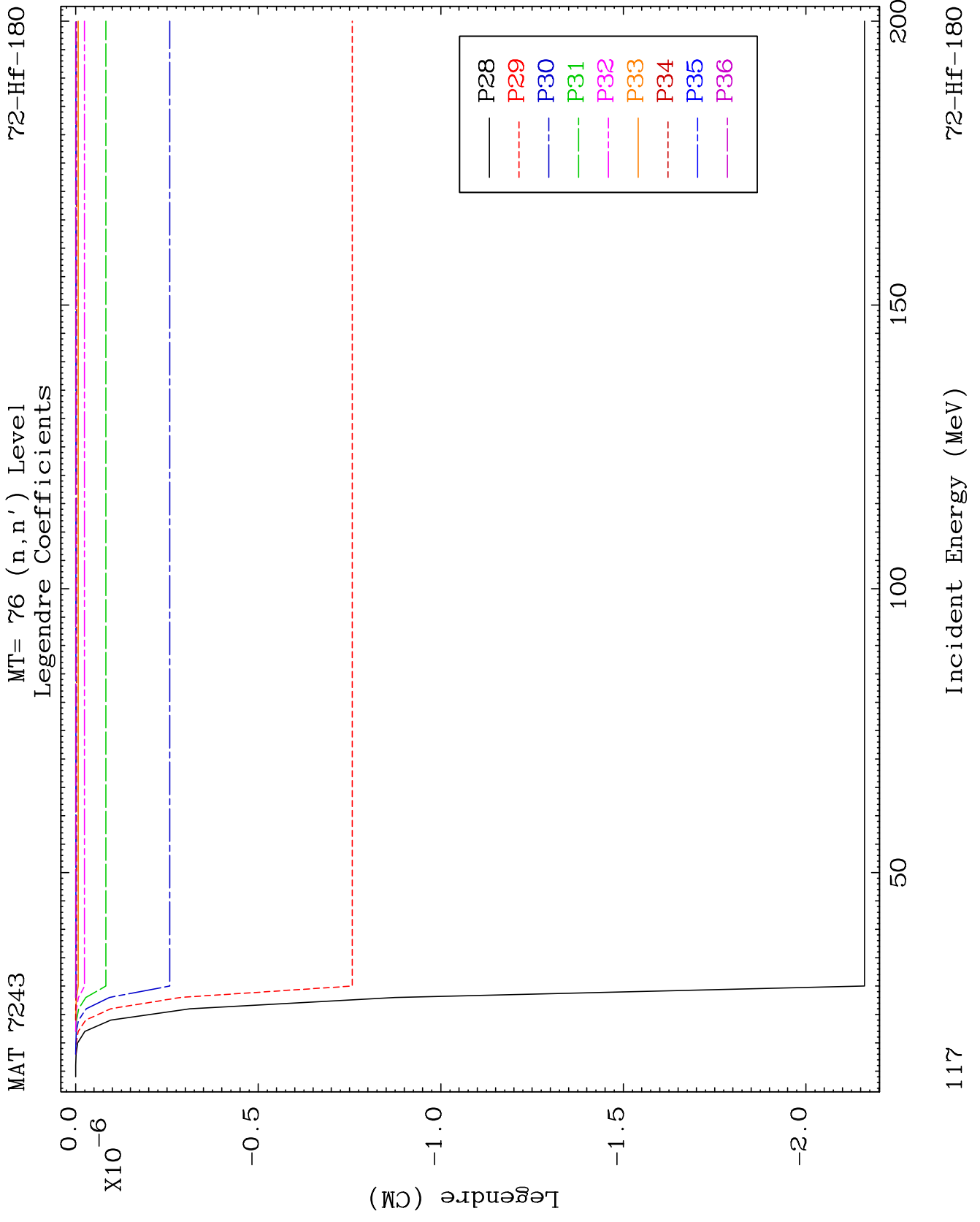
72-Hf-180



116

Incident Energy (MeV)

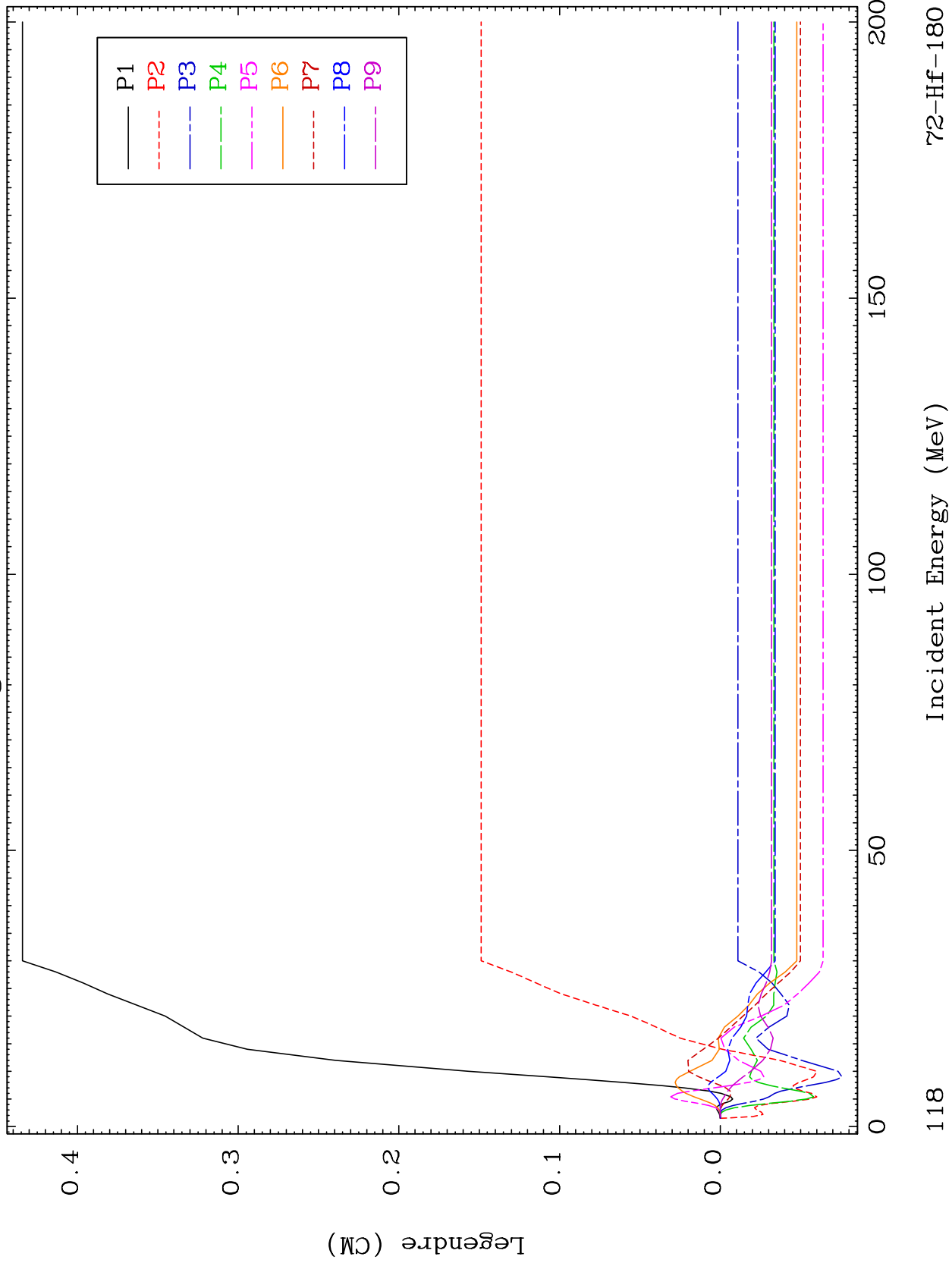
72-Hf-180



MAT 7243

MT= 77 (n,n') Level
Legendre Coefficients

72-Hf-180



72-Hf-180

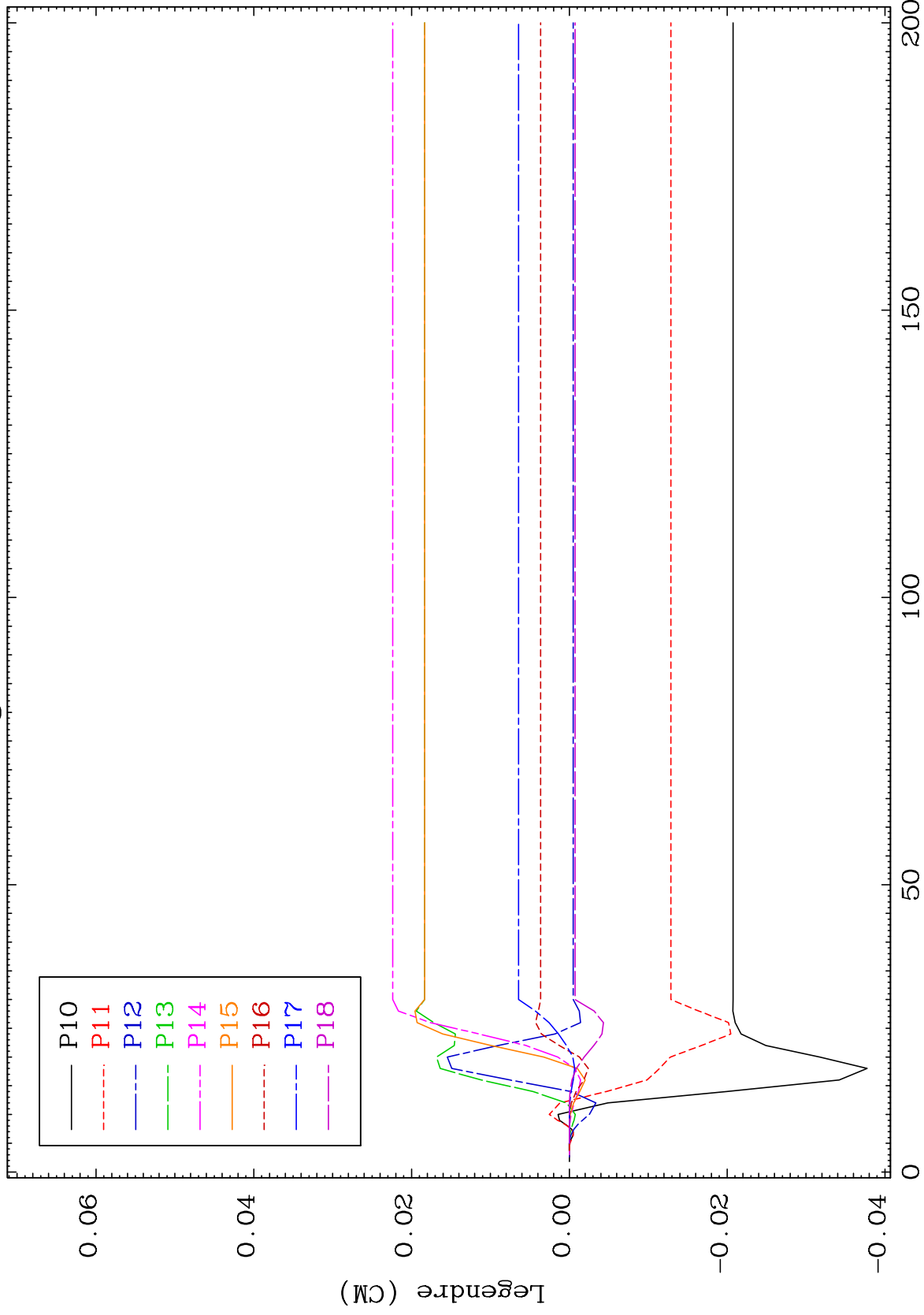
Incident Energy (MeV)

118

MAT 7243

MT= 77 (n,n') Level
Legendre Coefficients

72-Hf-180



119

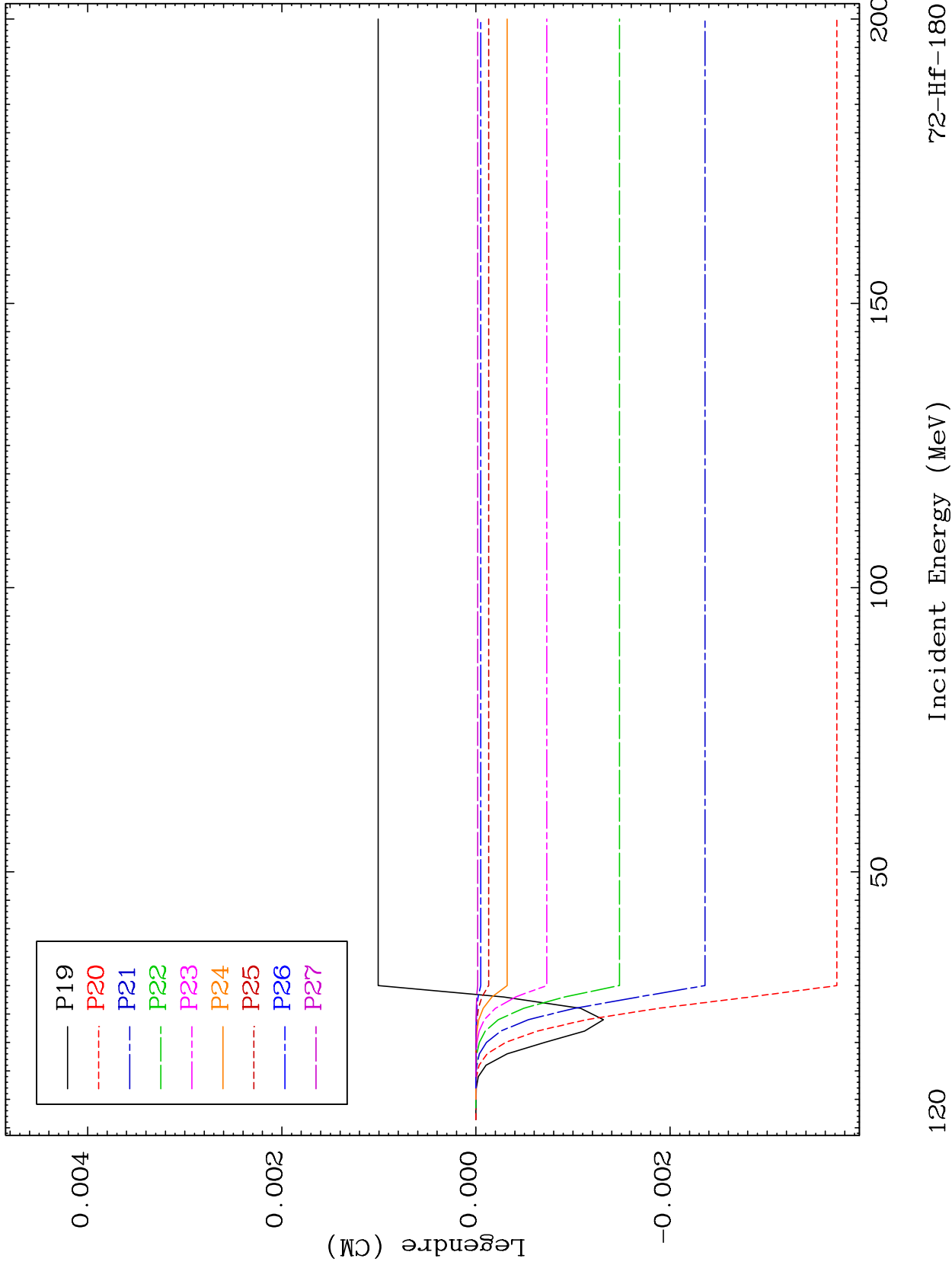
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 77 (n,n') Level
Legendre Coefficients

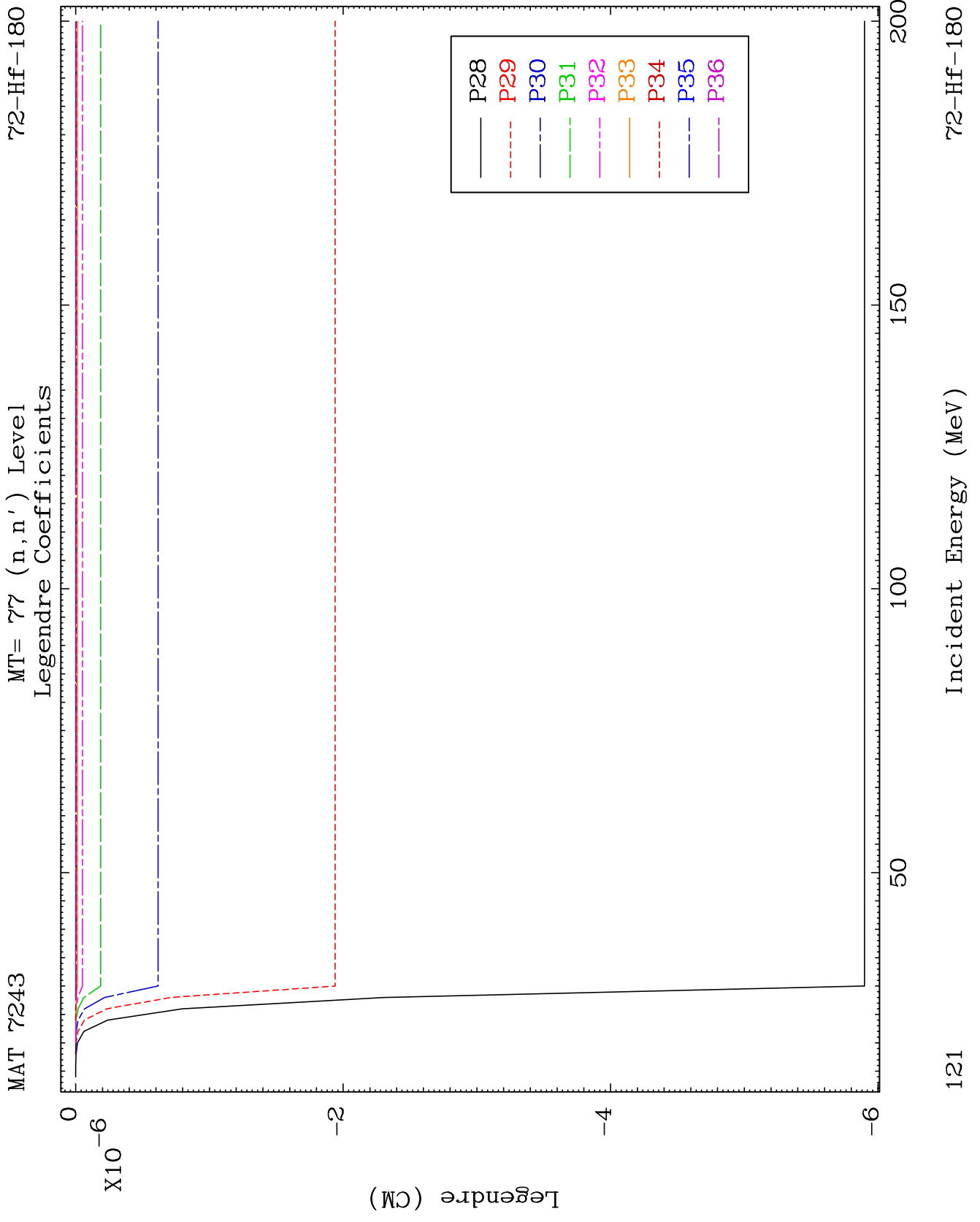
72-Hf-180

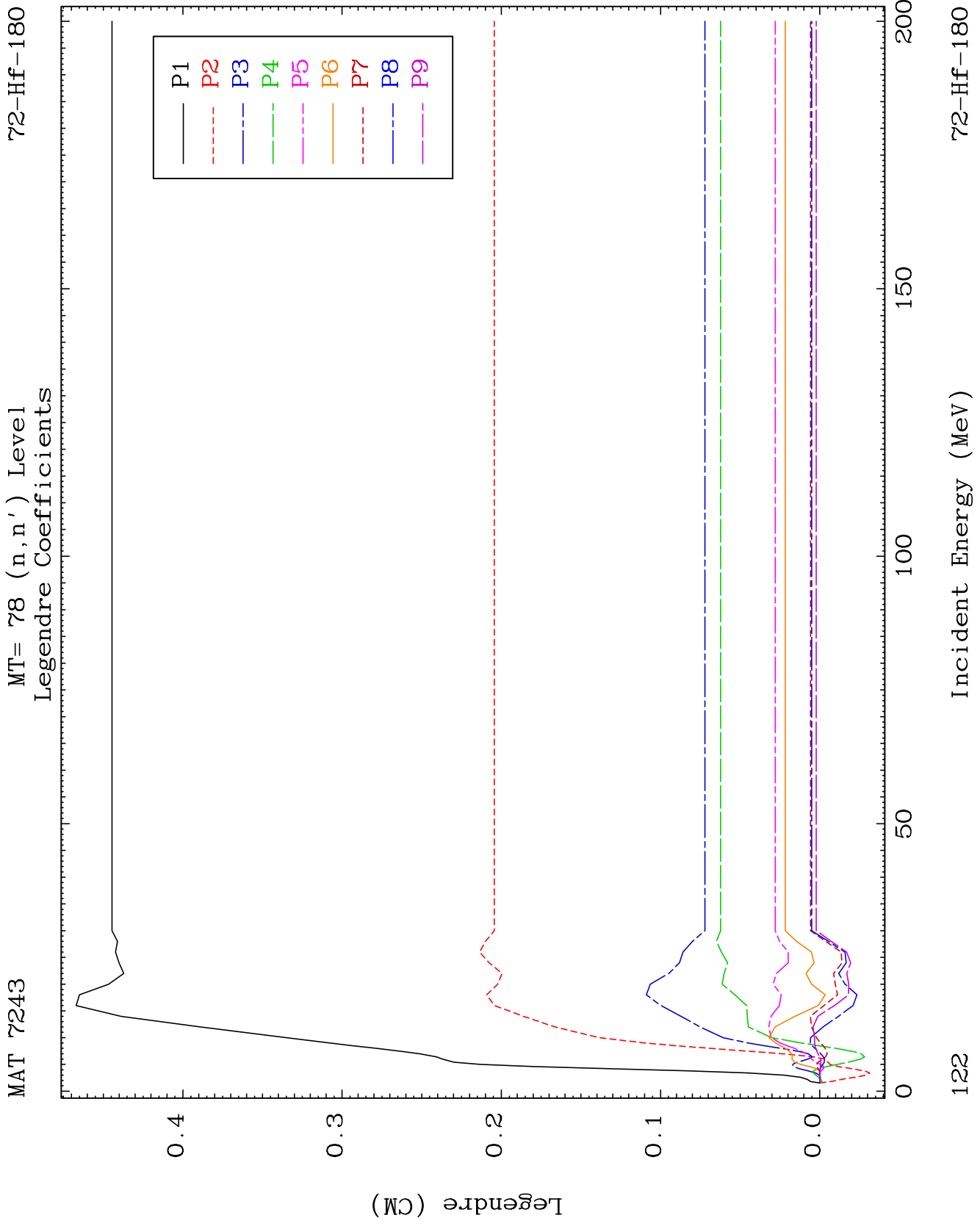


120

Incident Energy (MeV)

72-Hf-180

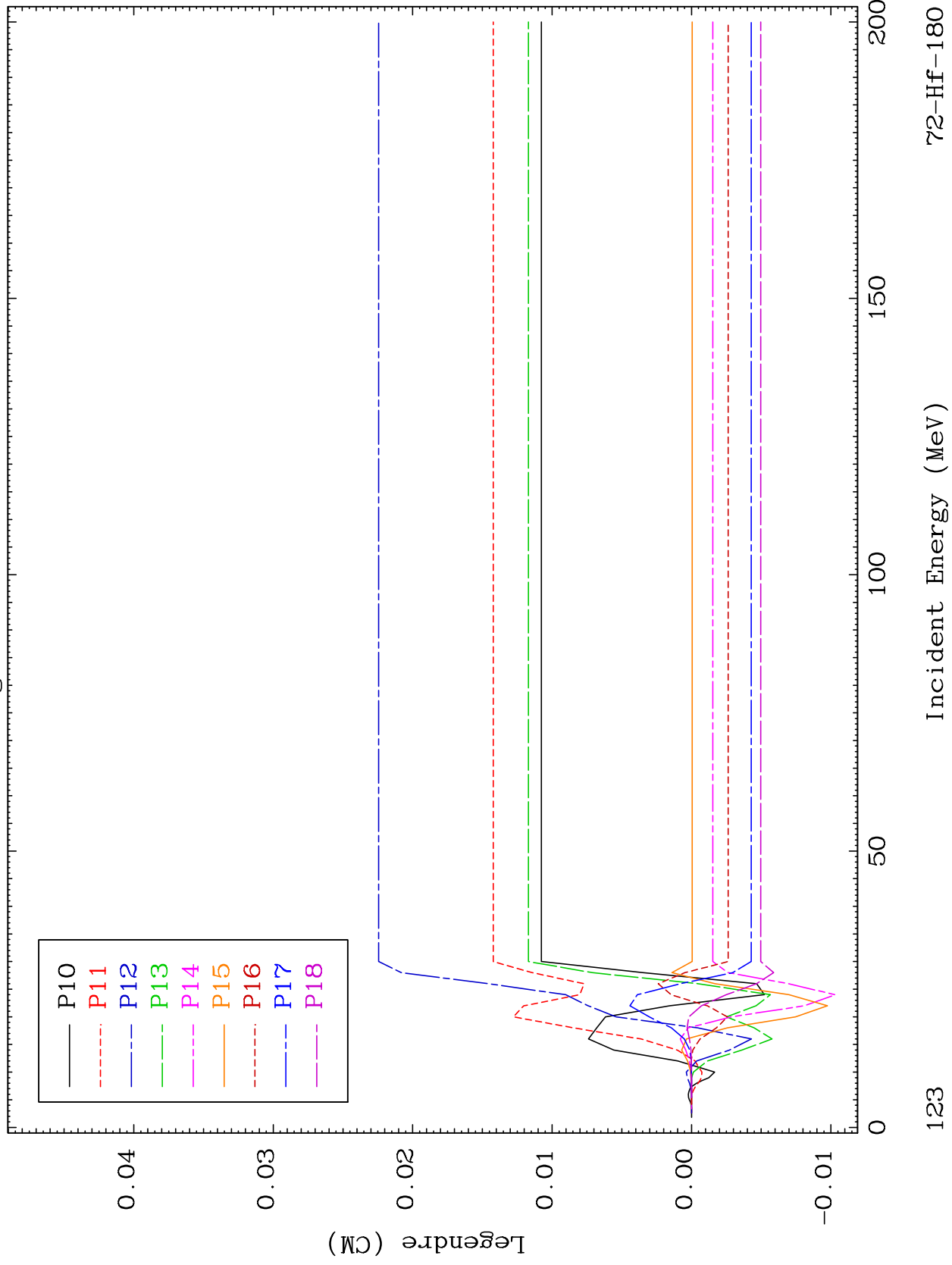




MAT 7243

MT= 78 (n,n') Level
Legendre Coefficients

72-Hf-180



123

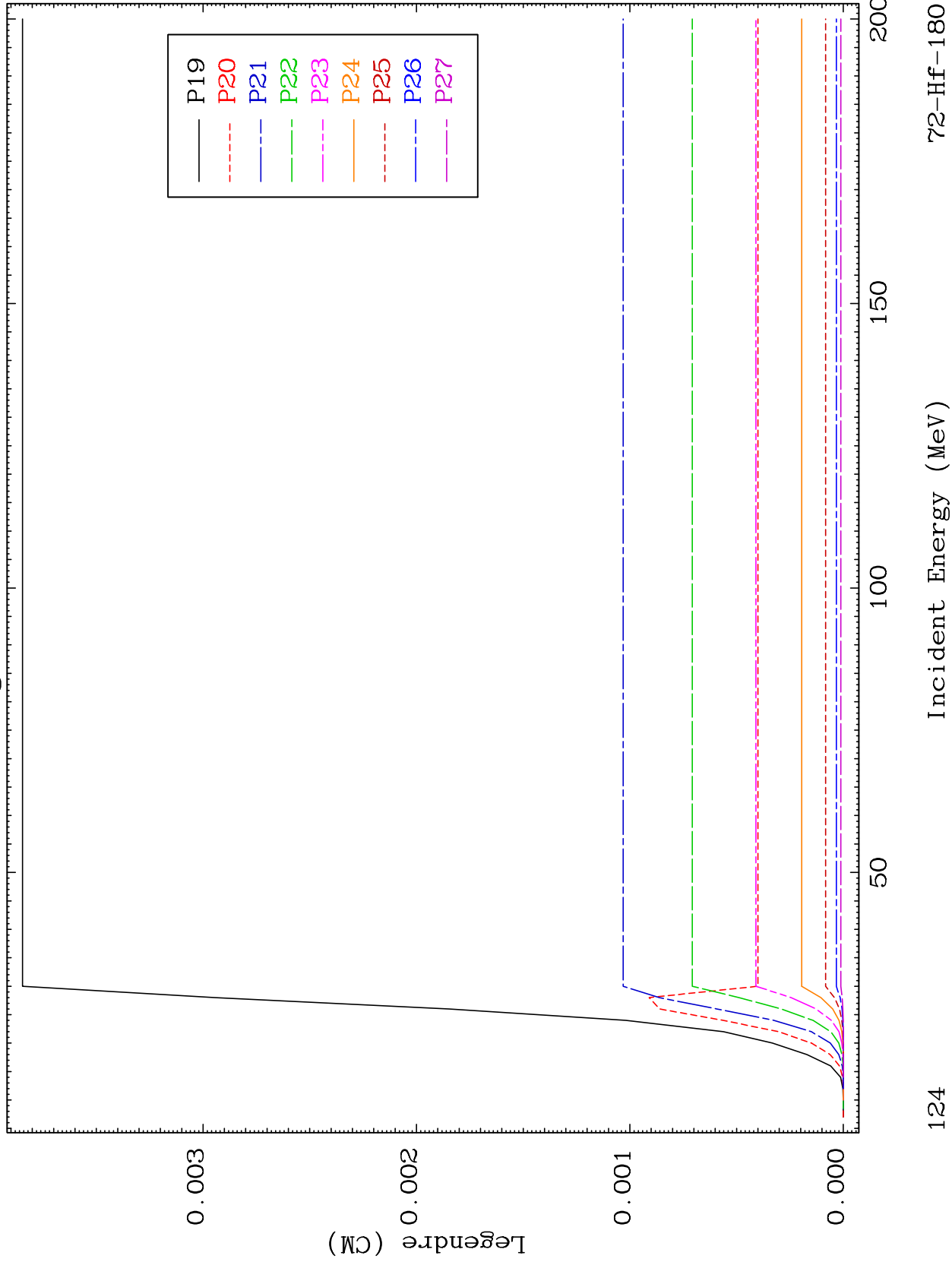
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 78 (n,n') Level
Legendre Coefficients

72-Hf-180



124

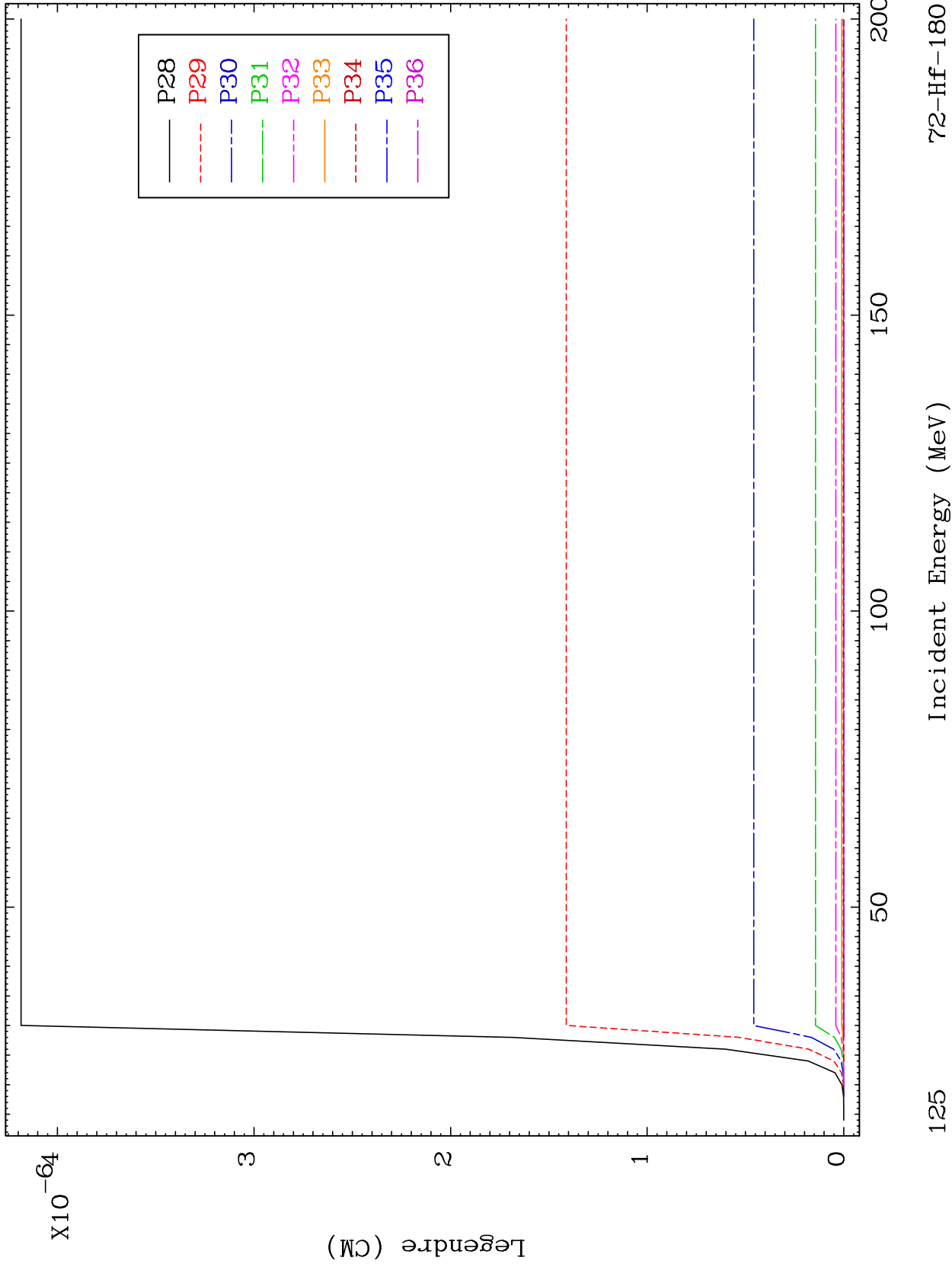
Incident Energy (MeV)

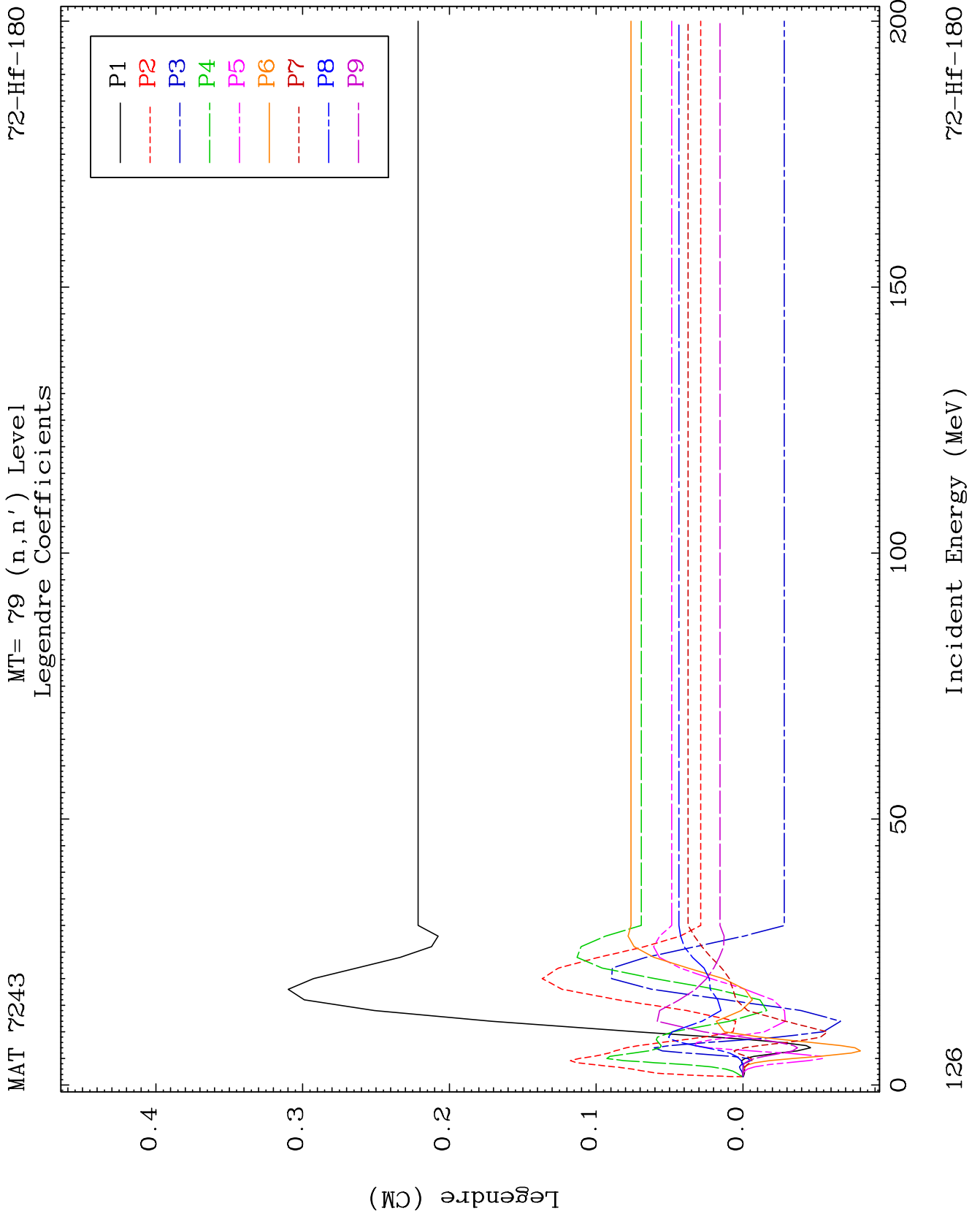
72-Hf-180

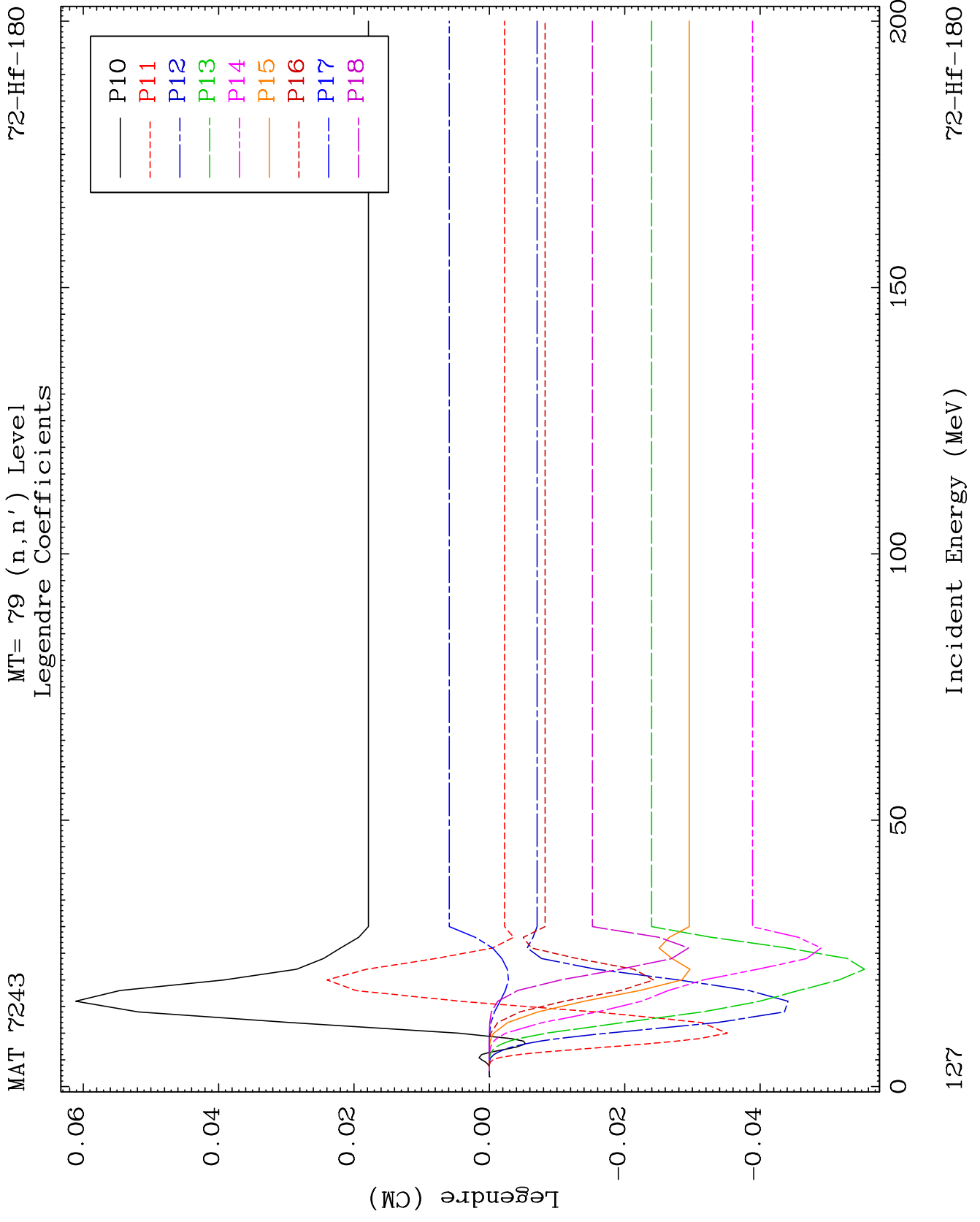
MAT 7243

MT= 78 (n,n') Level
Legendre Coefficients

72-Hf-180



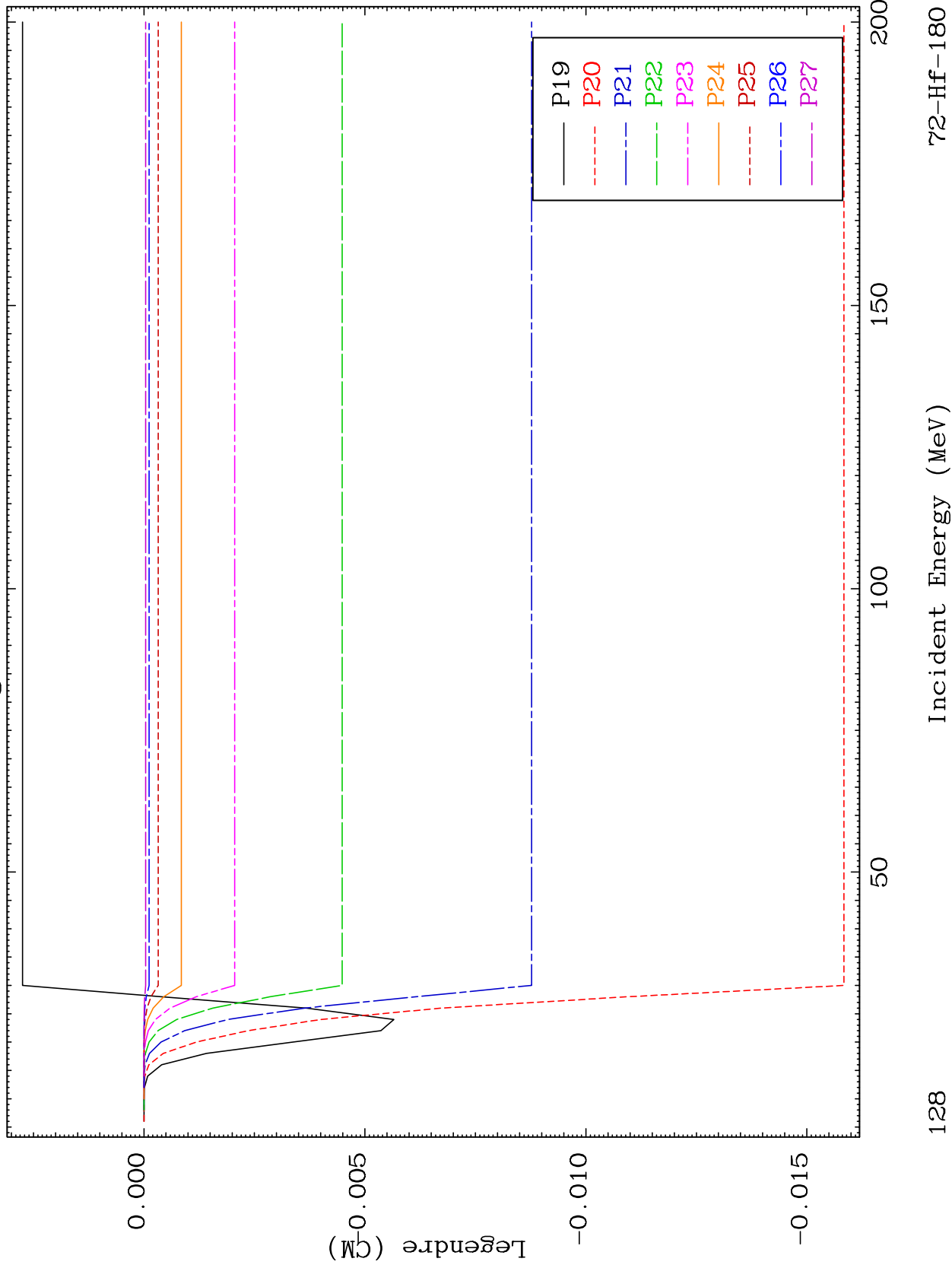




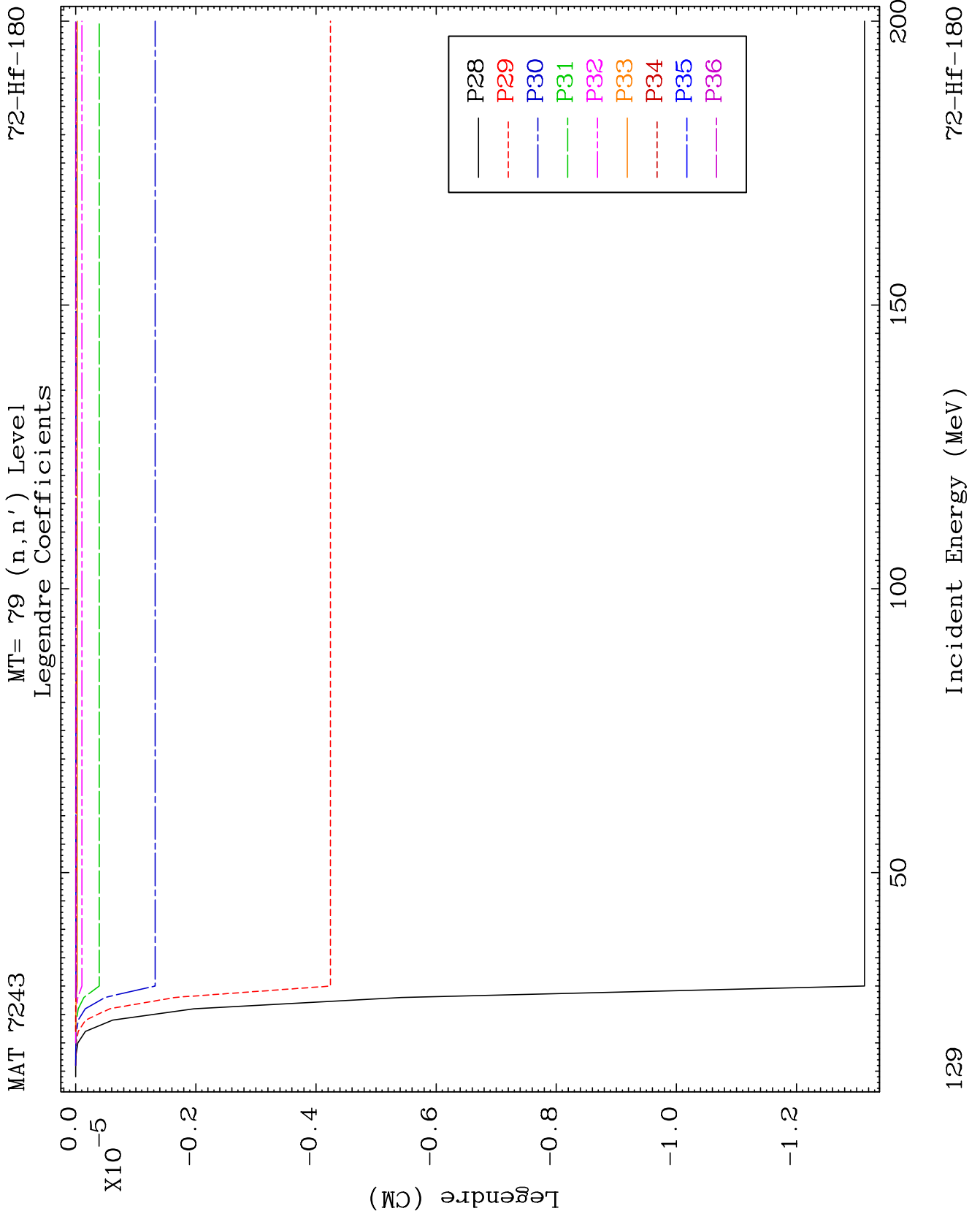
MAT 7243

MT= 79 (n,n') Level
Legendre Coefficients

72-Hf-180



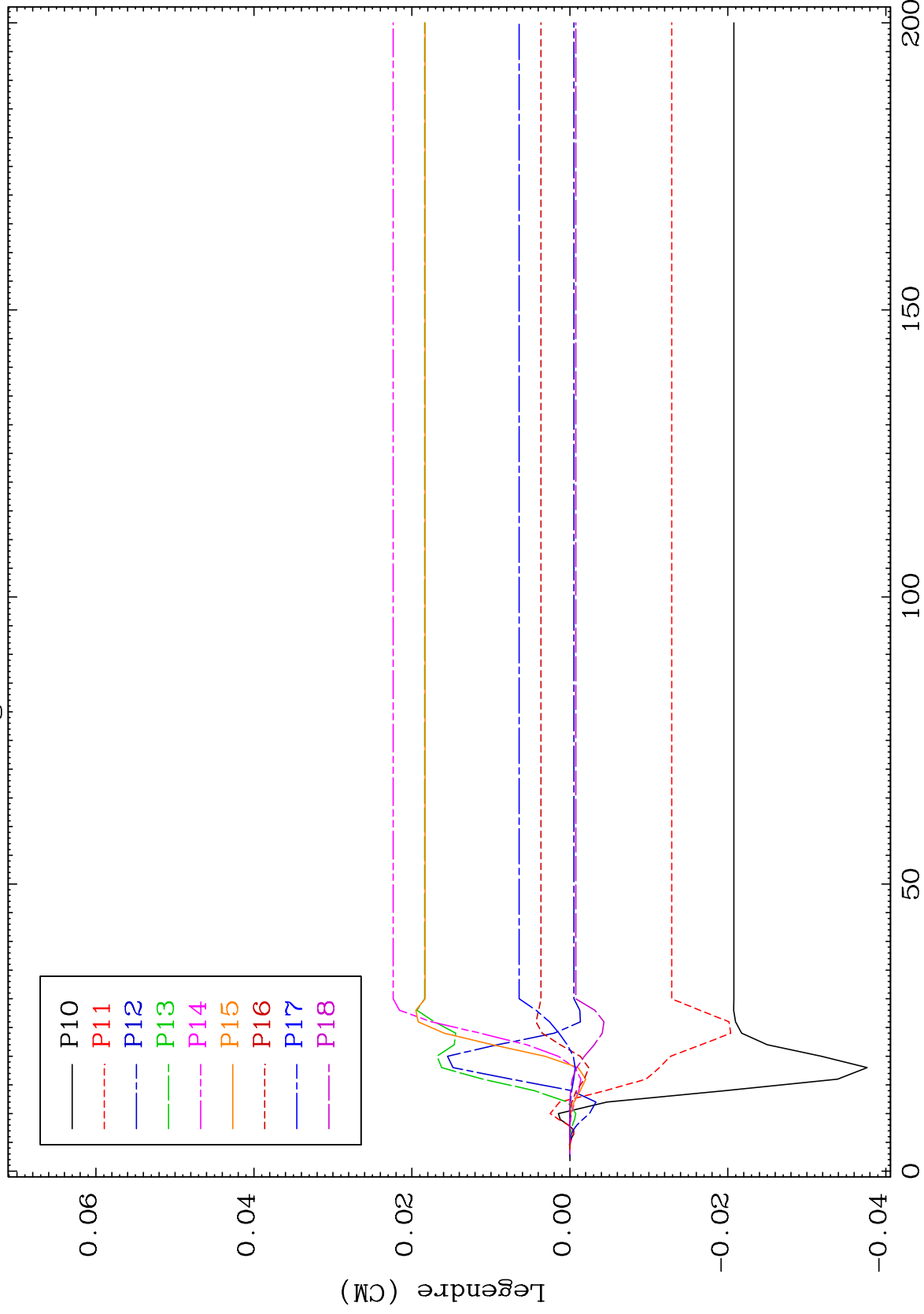
128



MAT 7243

MT= 80 (n,n') Level
Legendre Coefficients

72-Hf-180



131

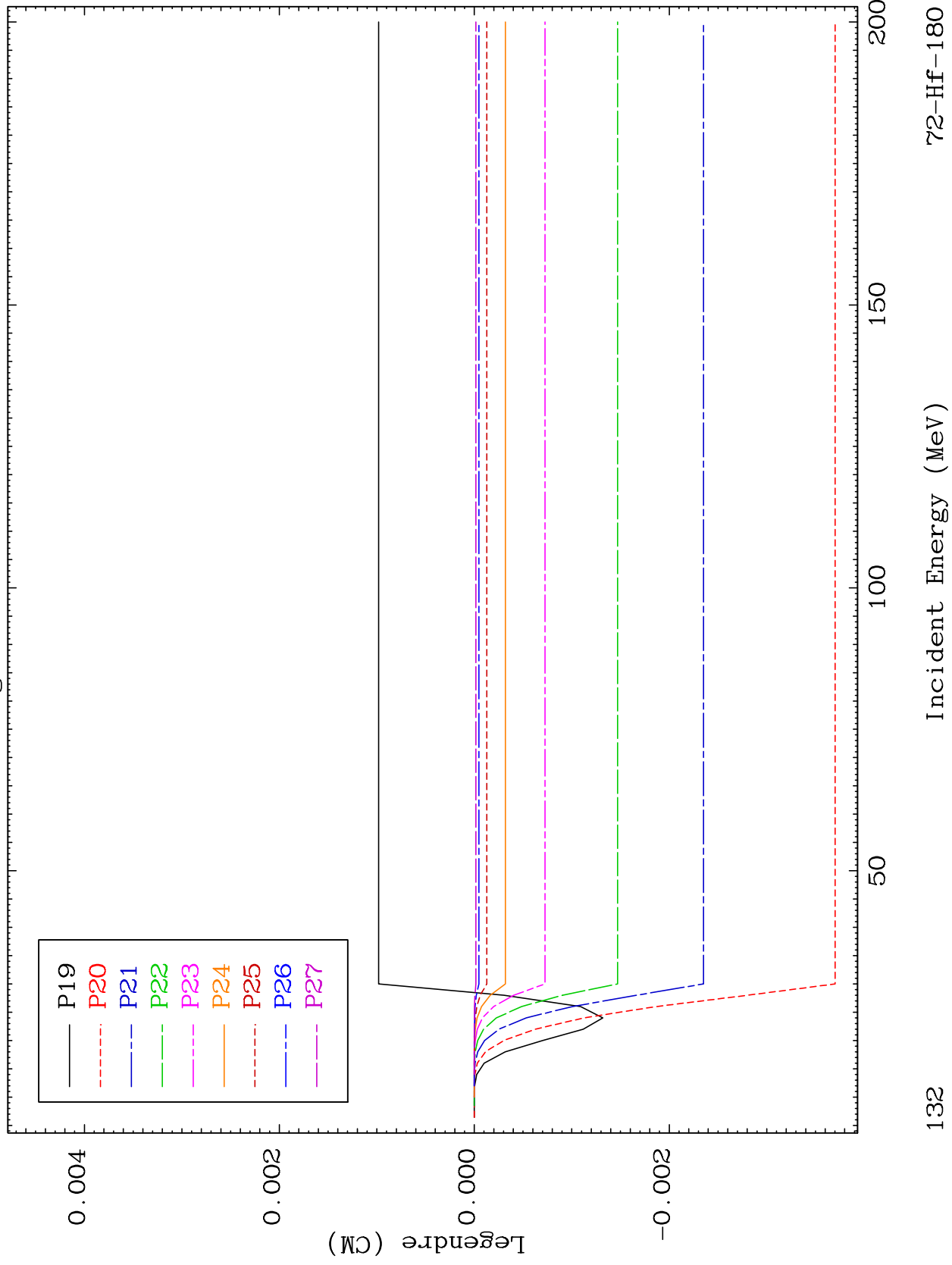
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 80 (n,n') Level
Legendre Coefficients

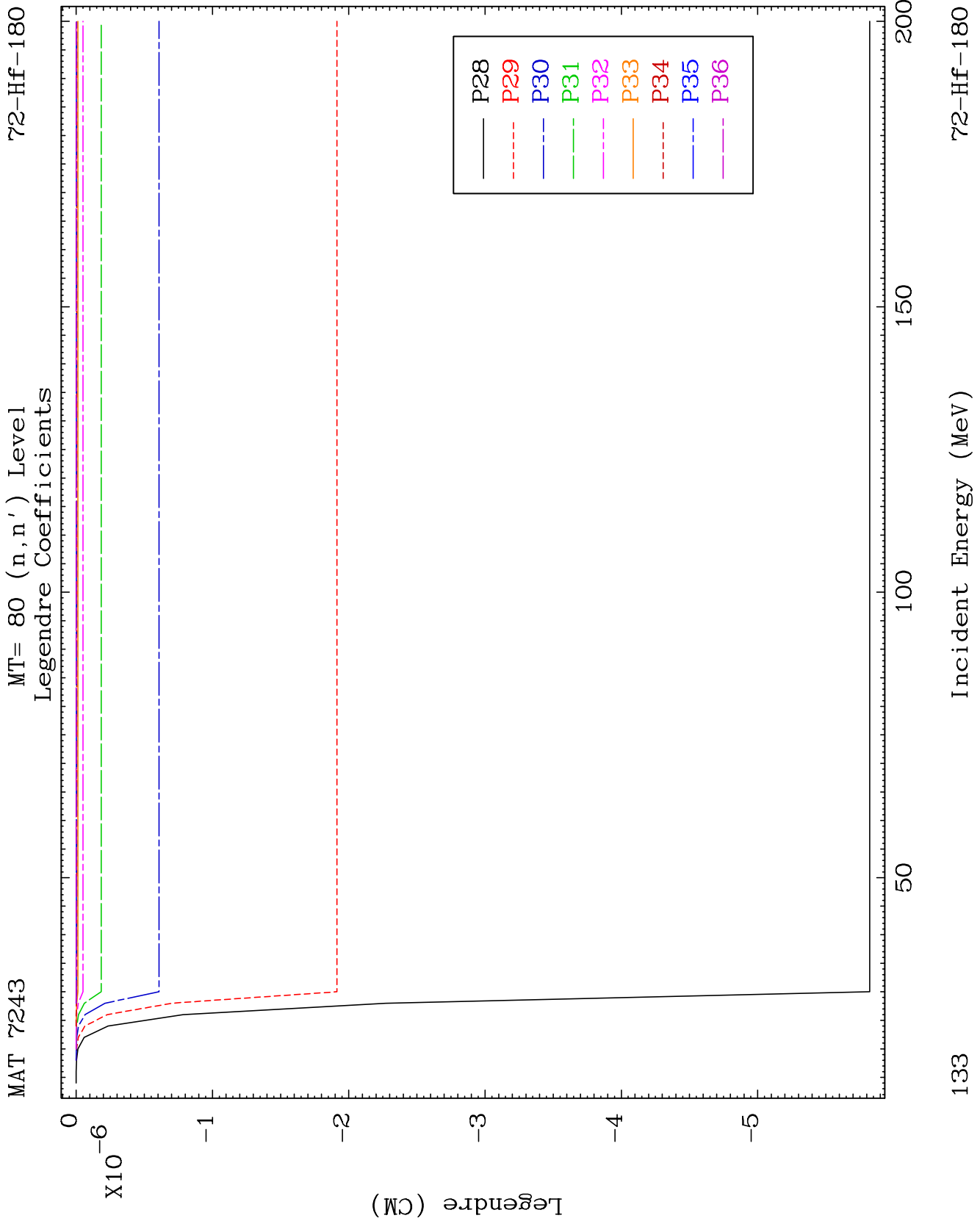
72-Hf-180



132

Incident Energy (MeV)

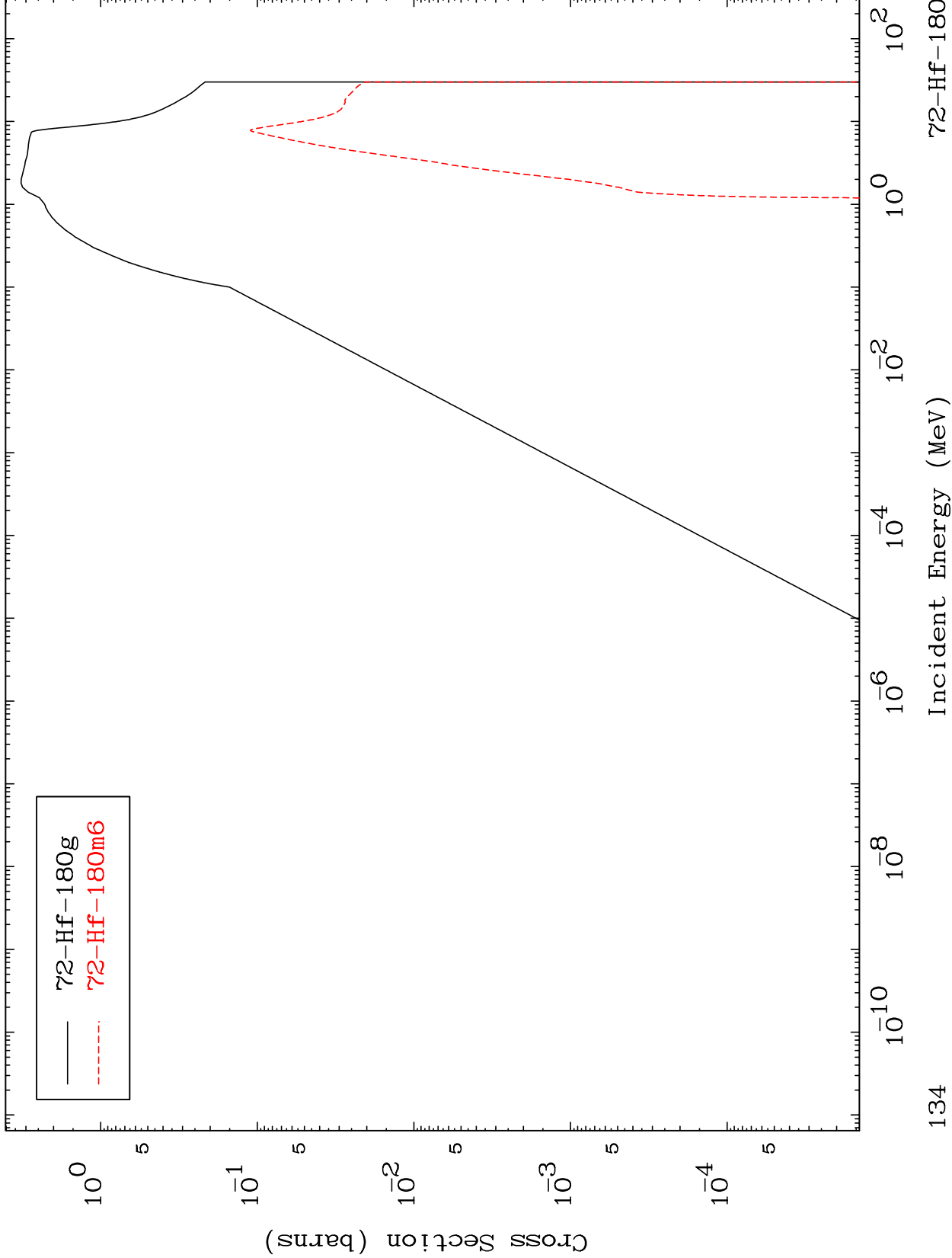
72-Hf-180



MAT 7243

Inelastic
Radionuclide Production Cross Section

72-Hf-180



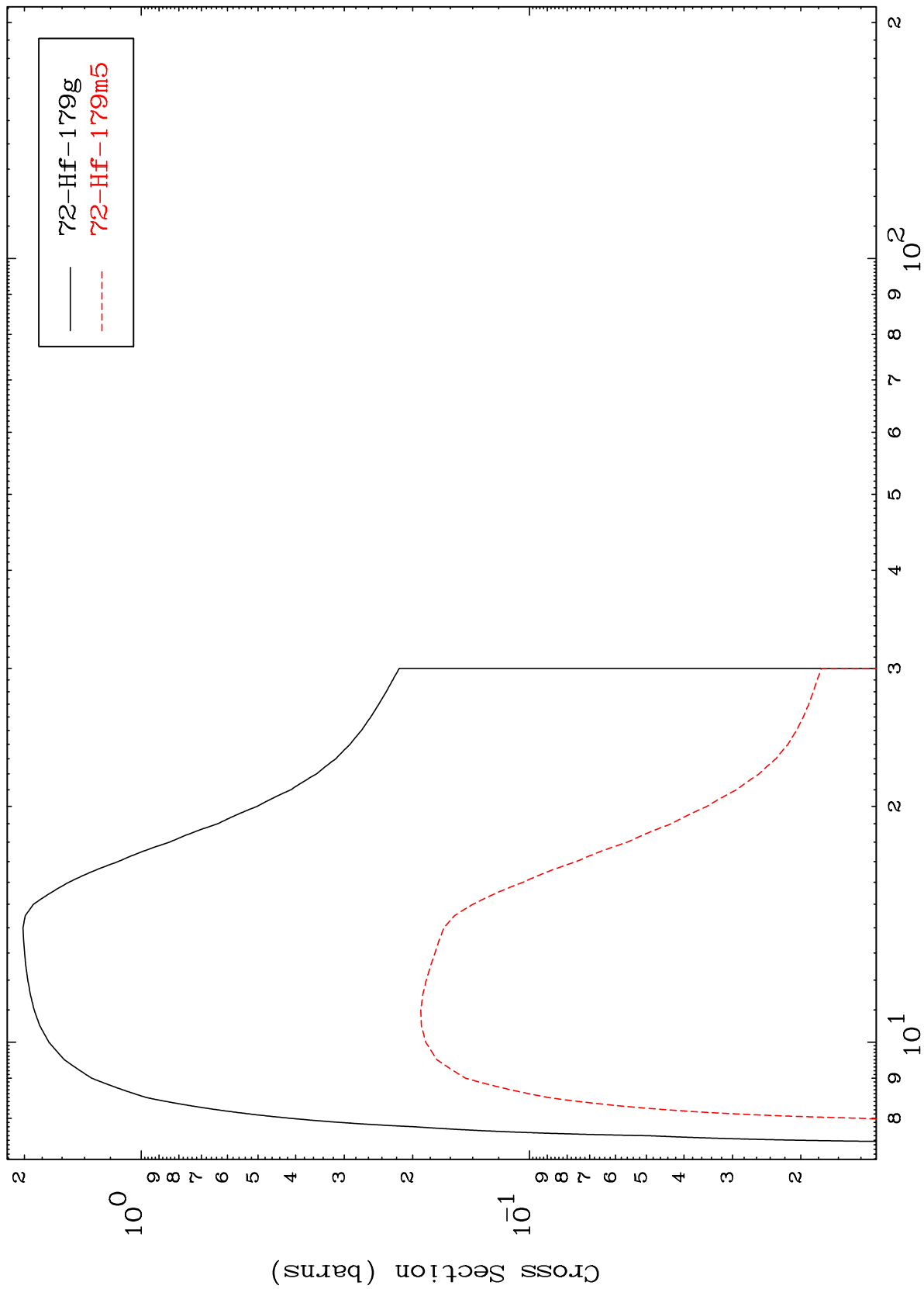
134

72-Hf-180

MAT 7243

72-Hf-180

(n,2n)
Radionuclide Production Cross Section

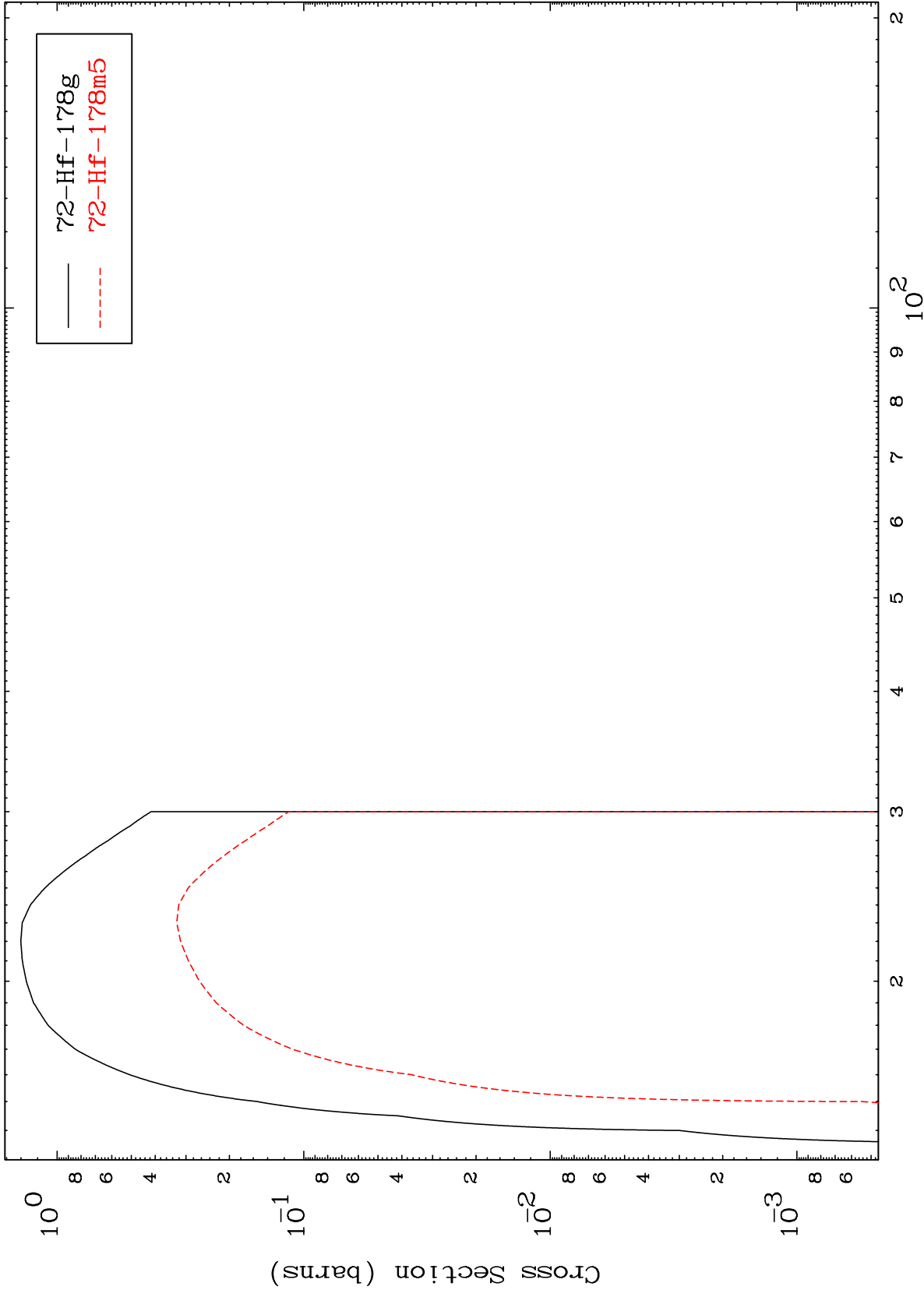


135

Incident Energy (MeV)

72-Hf-180

Radionuclide Production Cross Section

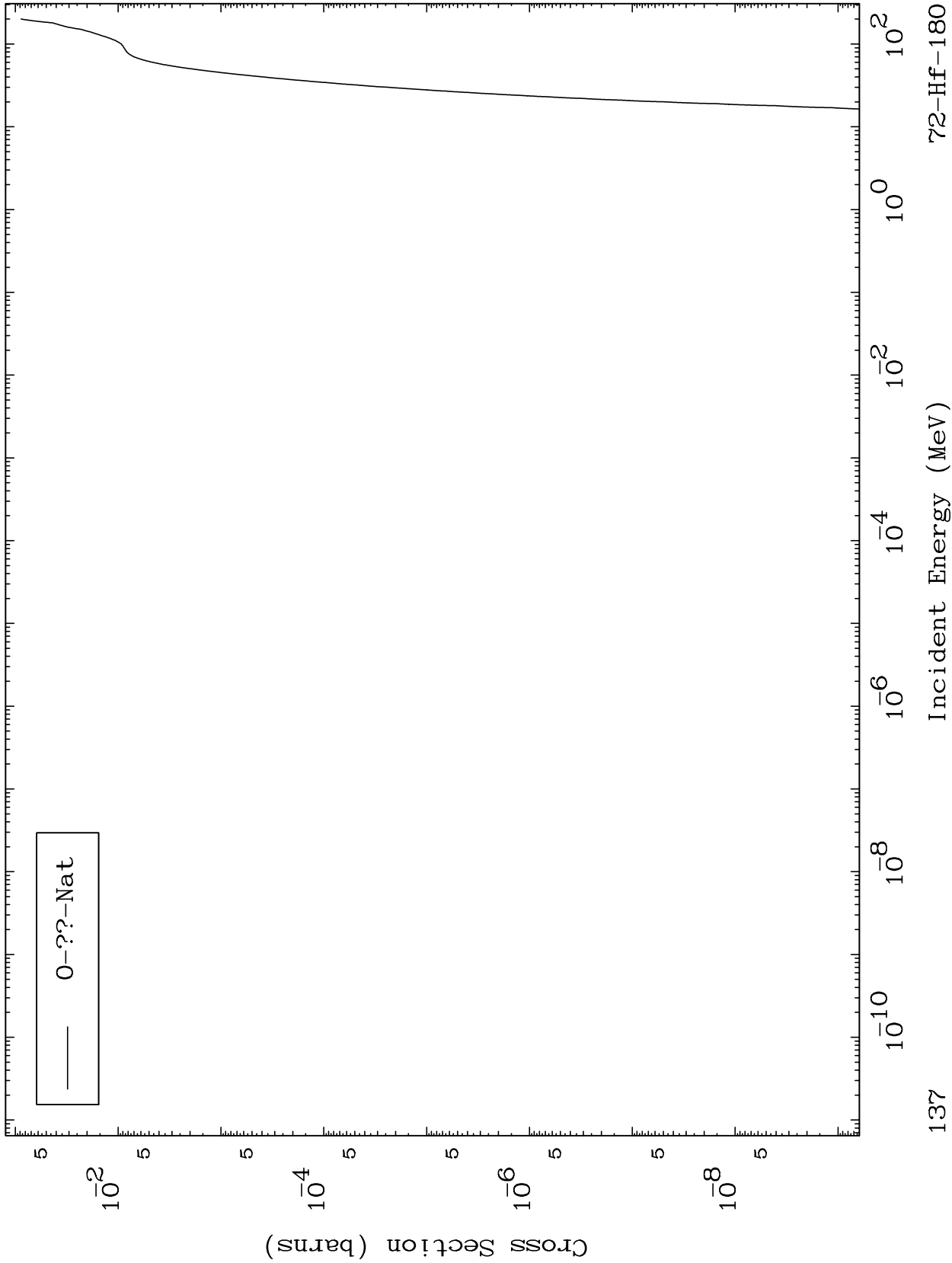


MAT 7243

Fission

72-Hf-180

Radionuclide Production Cross Section



137

Incident Energy (MeV)

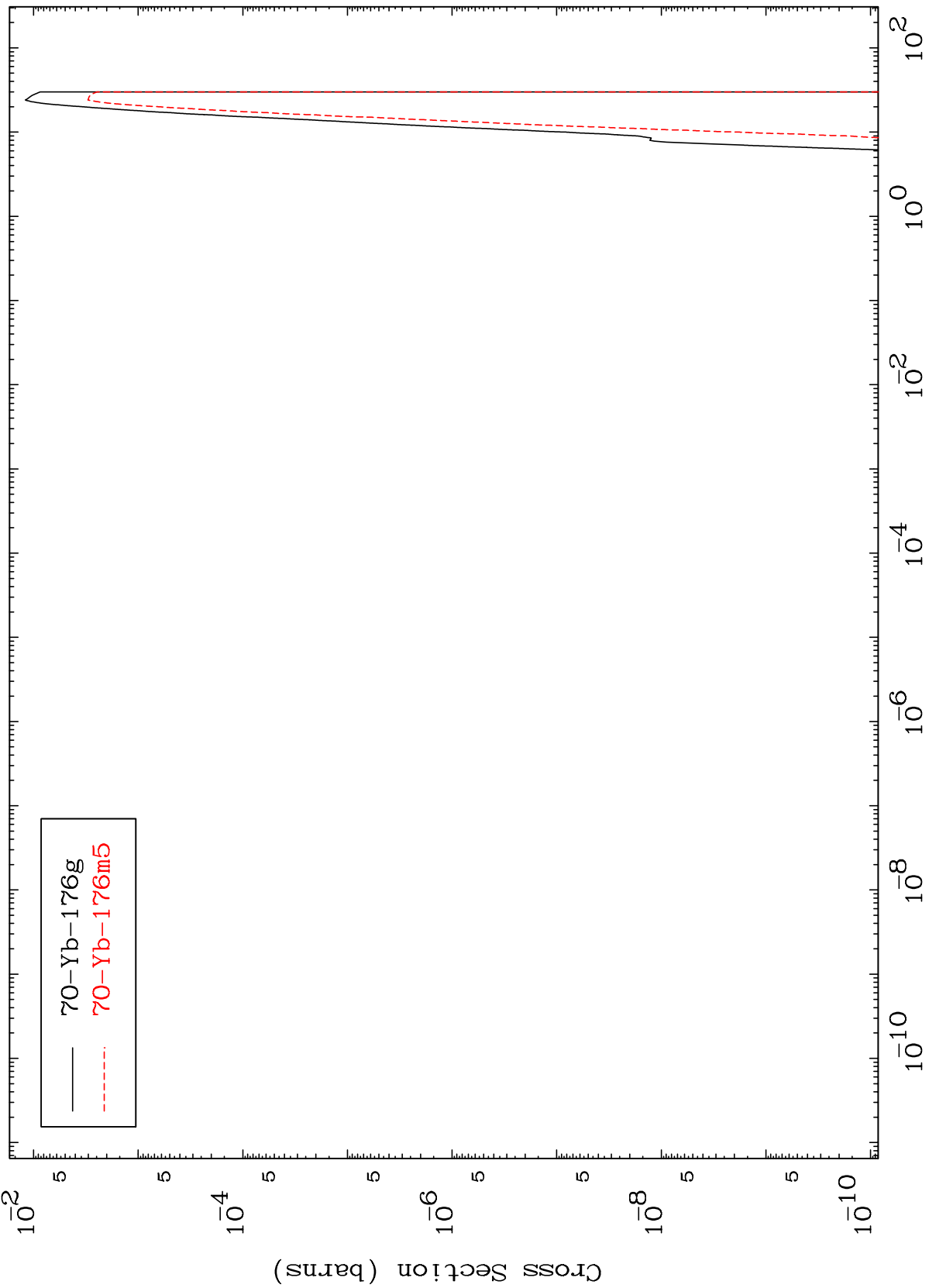
72-Hf-180

MAT 7243

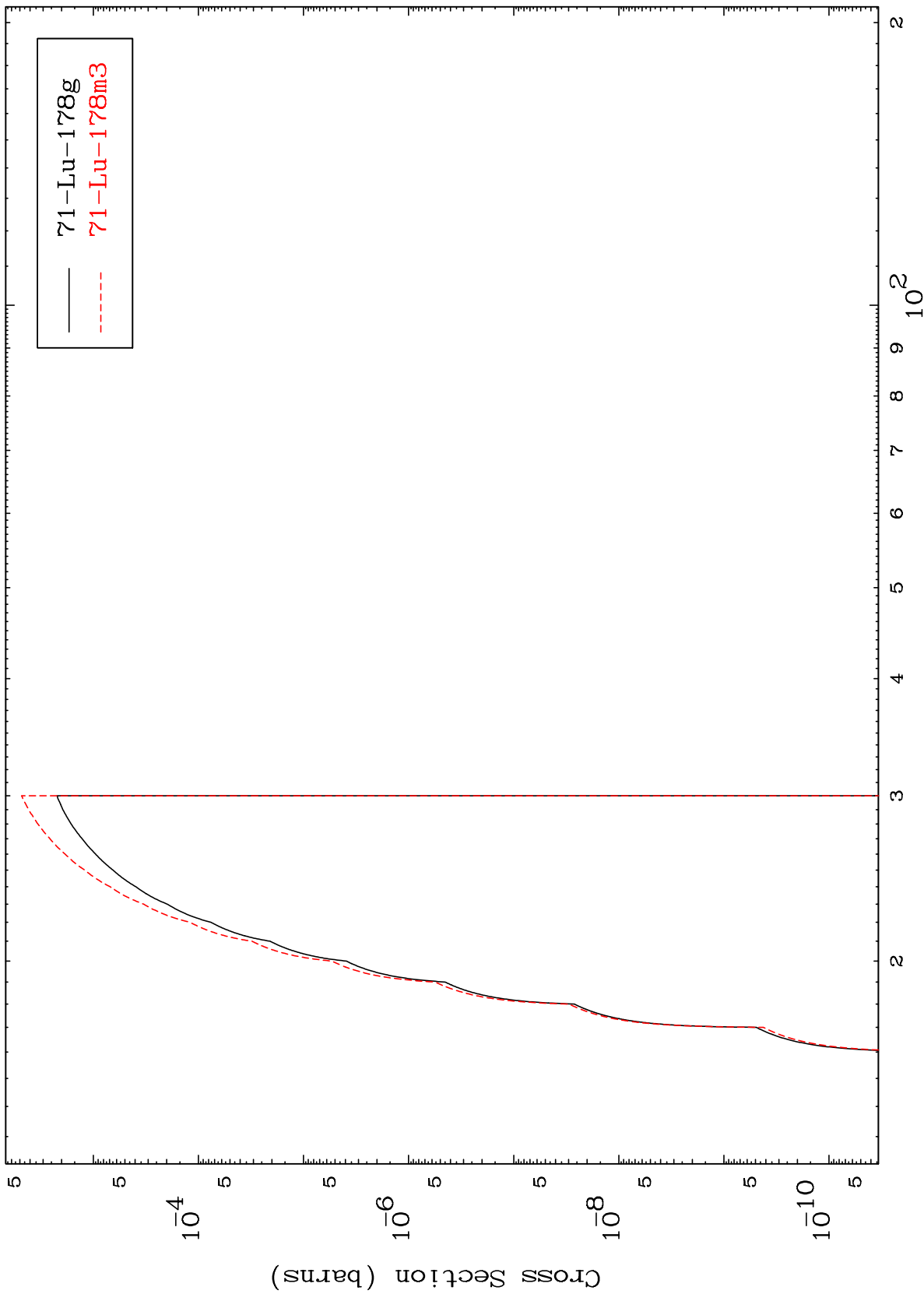
$(n, n') \alpha$

72-Hf-180

Radionuclide Production Cross Section



Radionuclide Production Cross Section

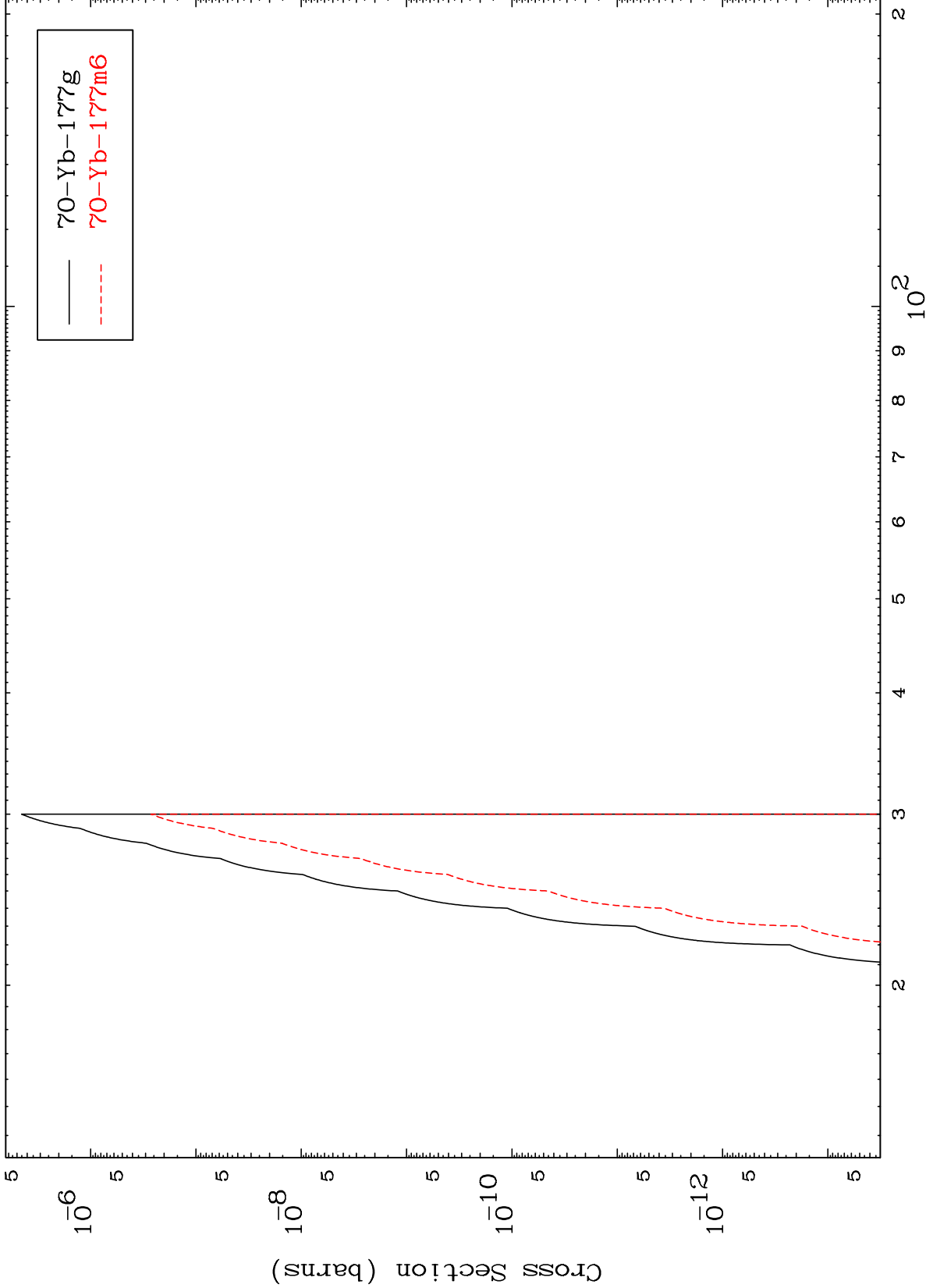


MAT 7243

(n,n') He-3

72-Hf-180

Radionuclide Production Cross Section



140

Incident Energy (MeV)

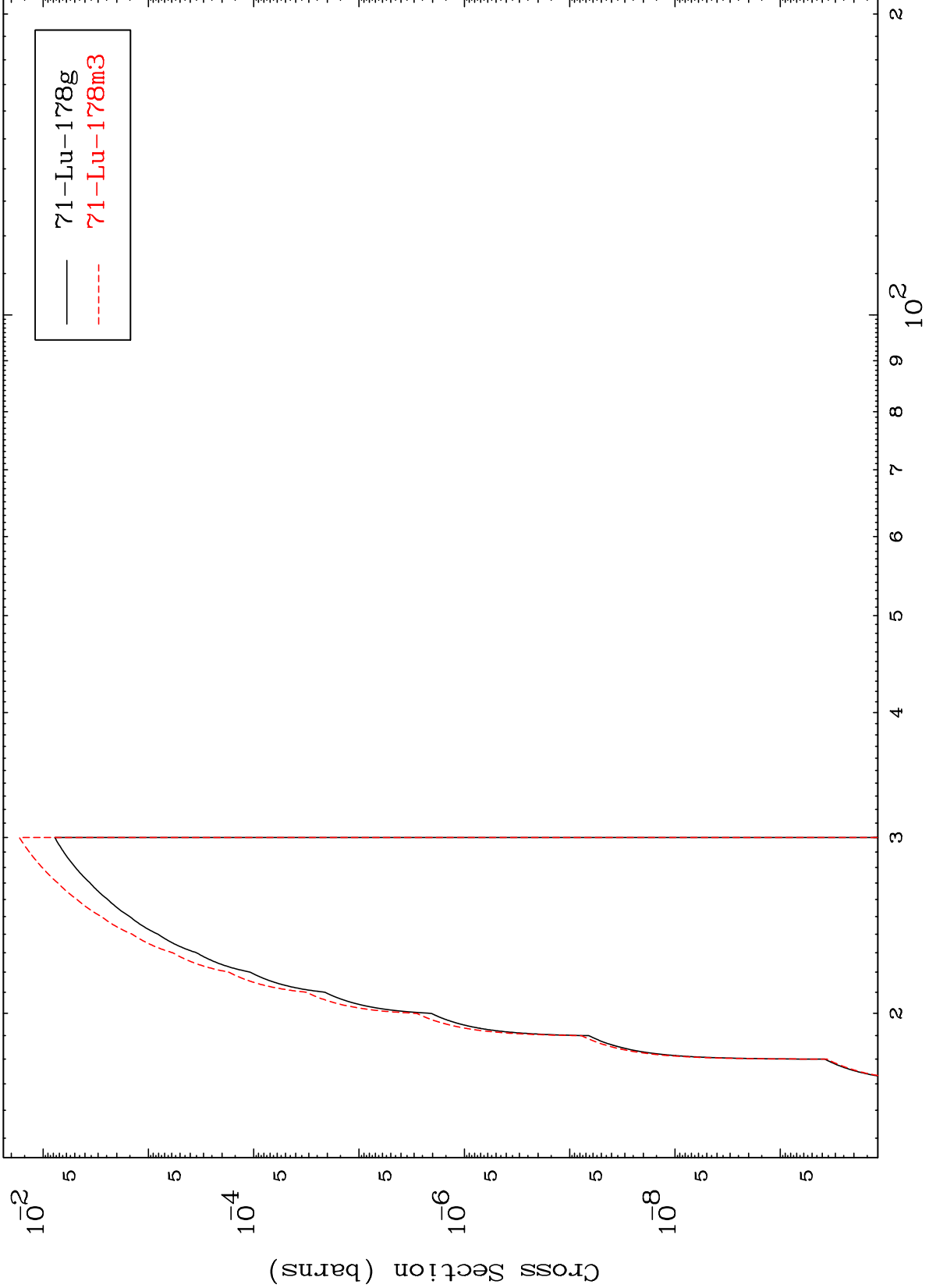
72-Hf-180

MAT 7243

(n,2n) p

72-Hf-180

Radionuclide Production Cross Section



71-Lu-178g
71-Lu-178m3

141

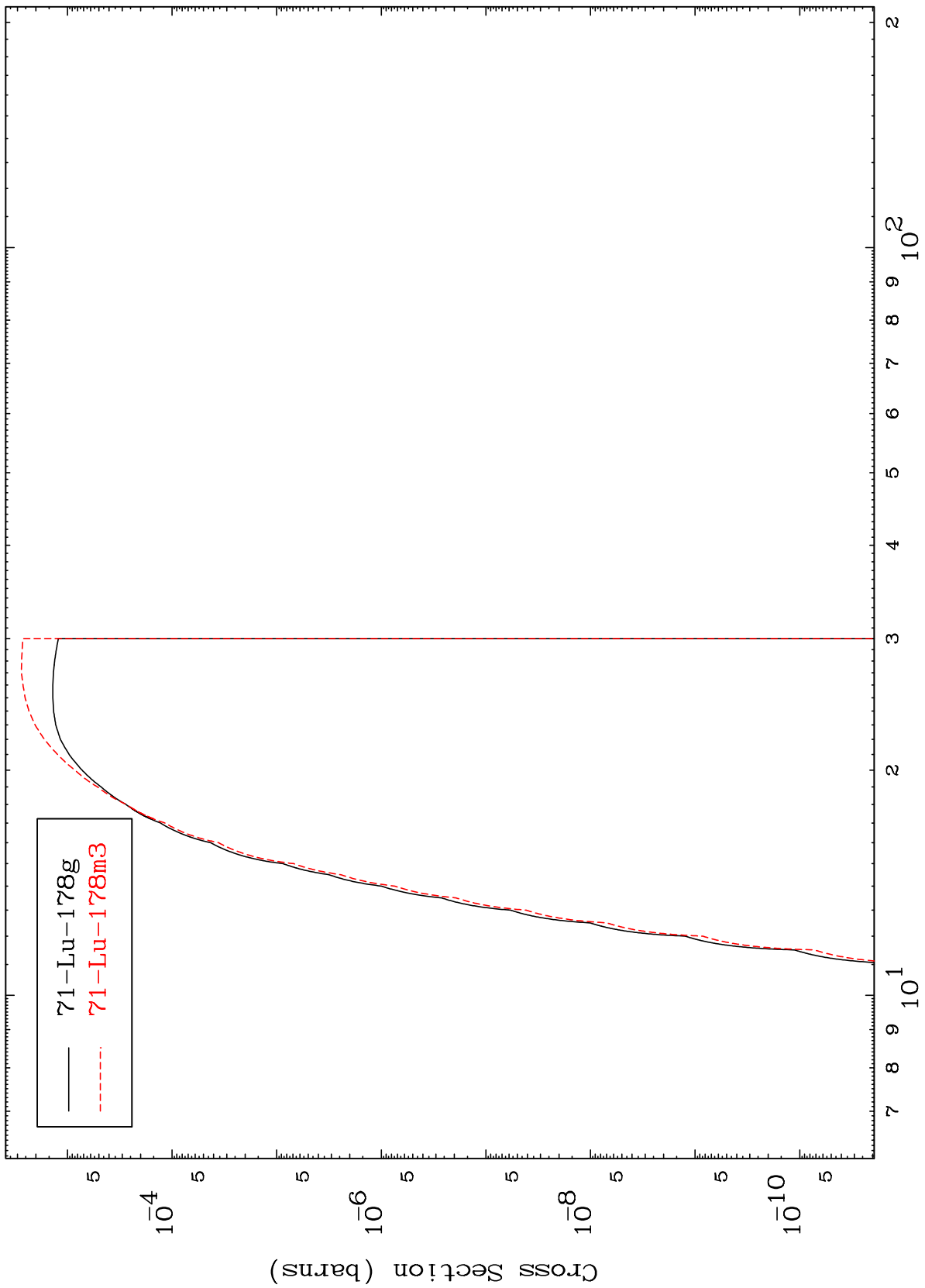
Incident Energy (MeV)

72-Hf-180

MAT 7243

72-Hf-180

(n, t)
Radionuclide Production Cross Section



142

Incident Energy (MeV)

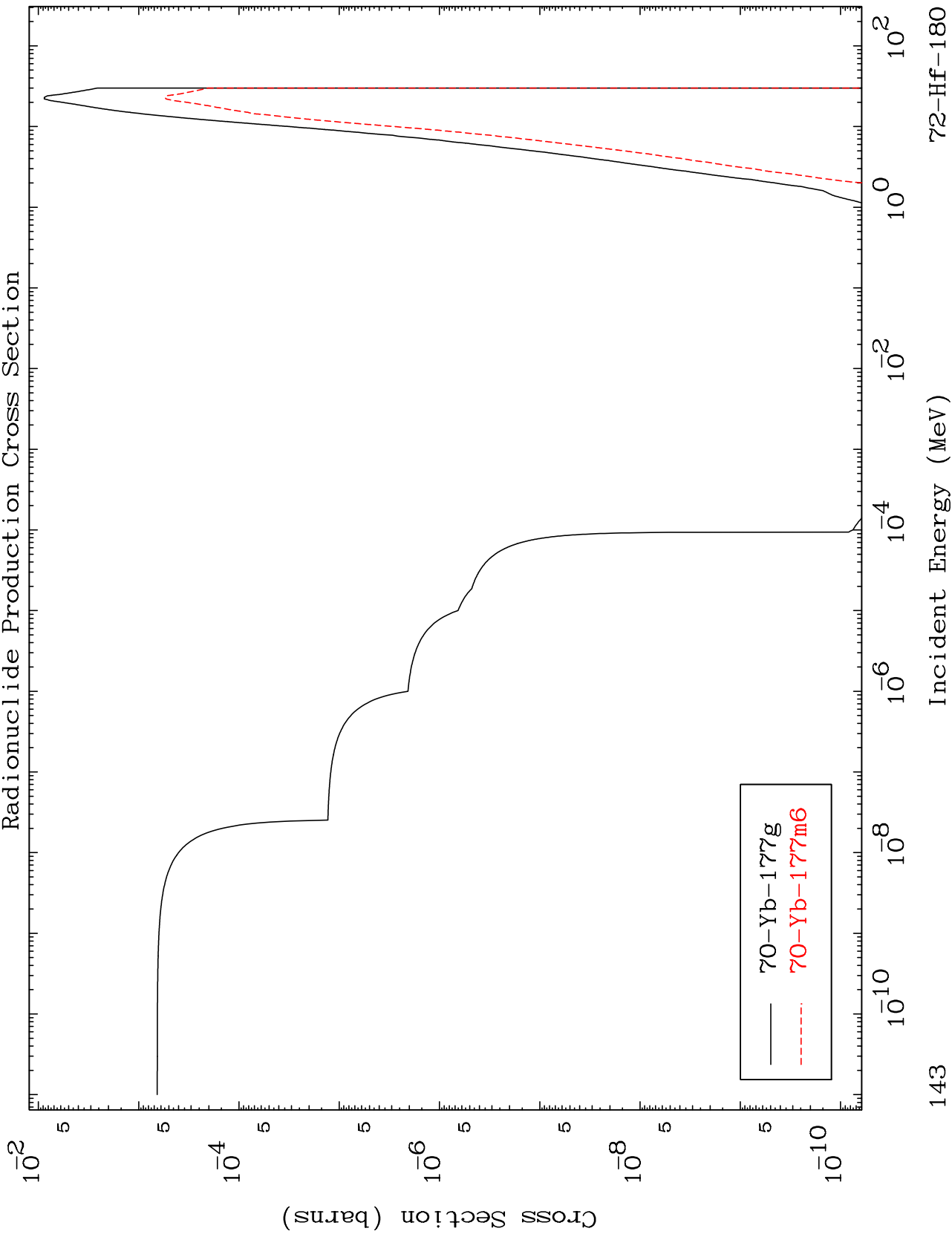
72-Hf-180

MAT 7243

(n, α)

72-Hf-180

Radionuclide Production Cross Section

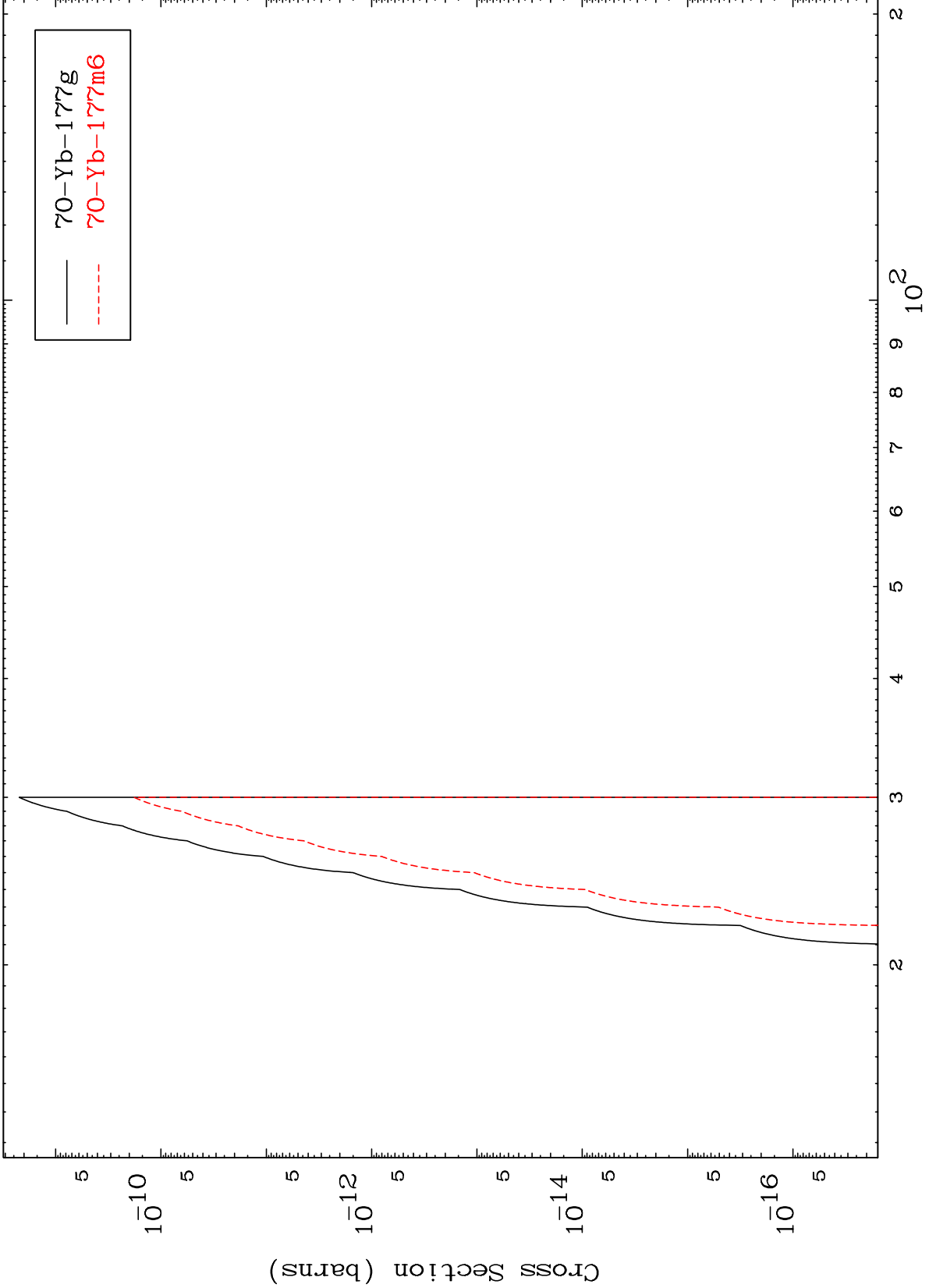


MAT 7243

(n,p) t

72-Hf-180

Radionuclide Production Cross Section



144

Incident Energy (MeV)

72-Hf-180