

Program EVALPLOT
(Version 2017-1)

by

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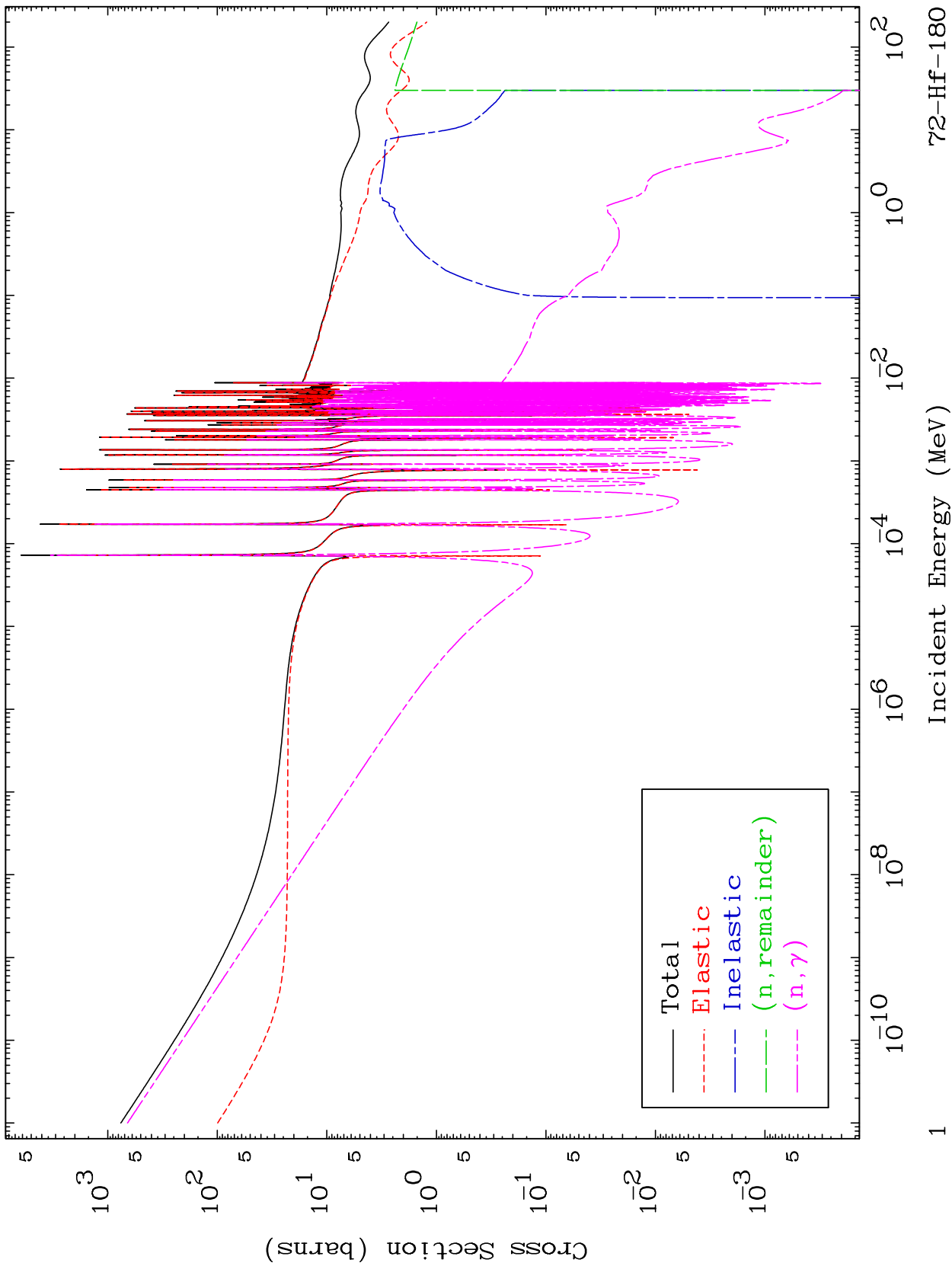
Press Mouse Button to Start

MAT 7243

Major

293 Kelvin Cross Sections

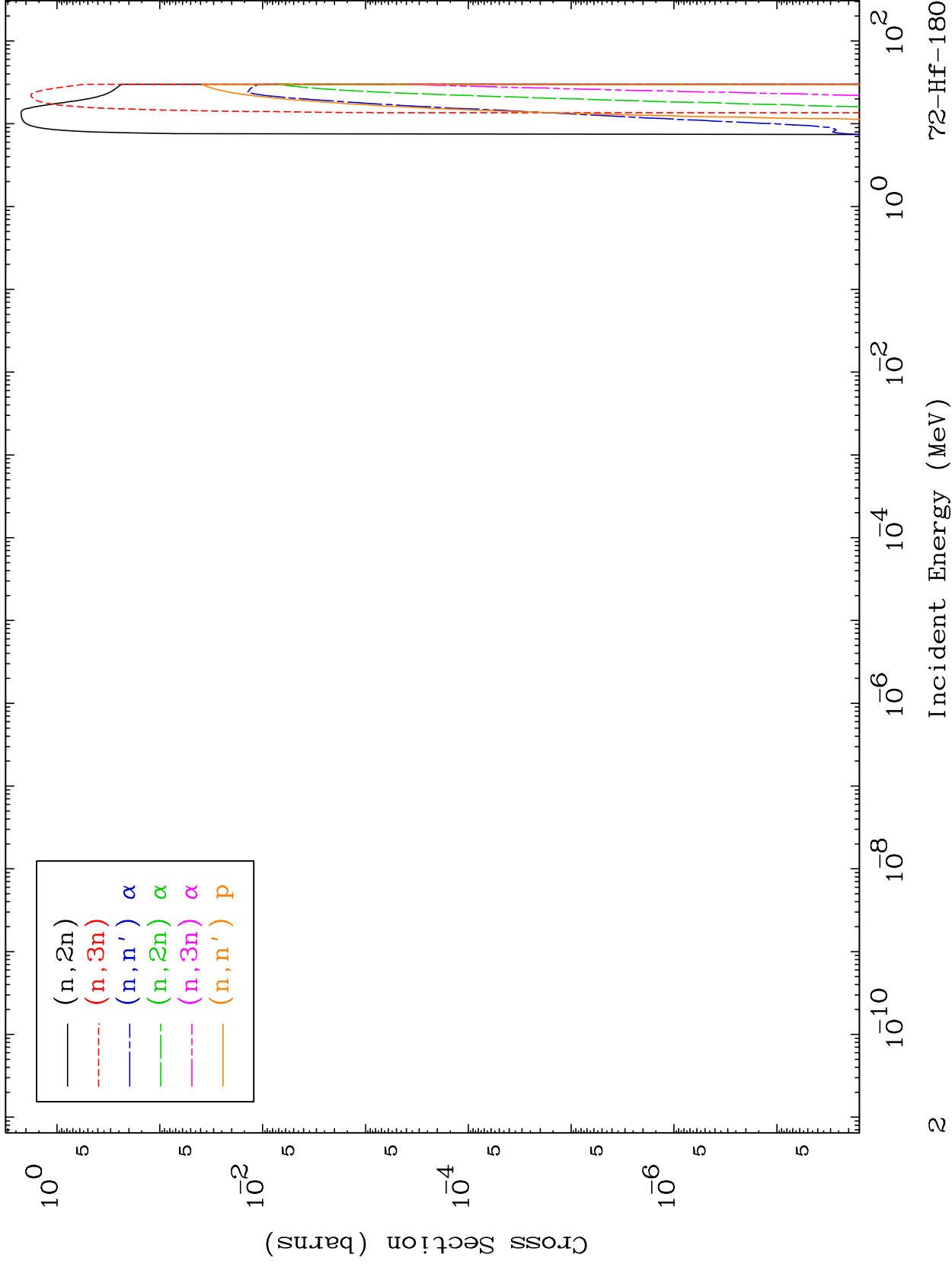
72-Hf-180

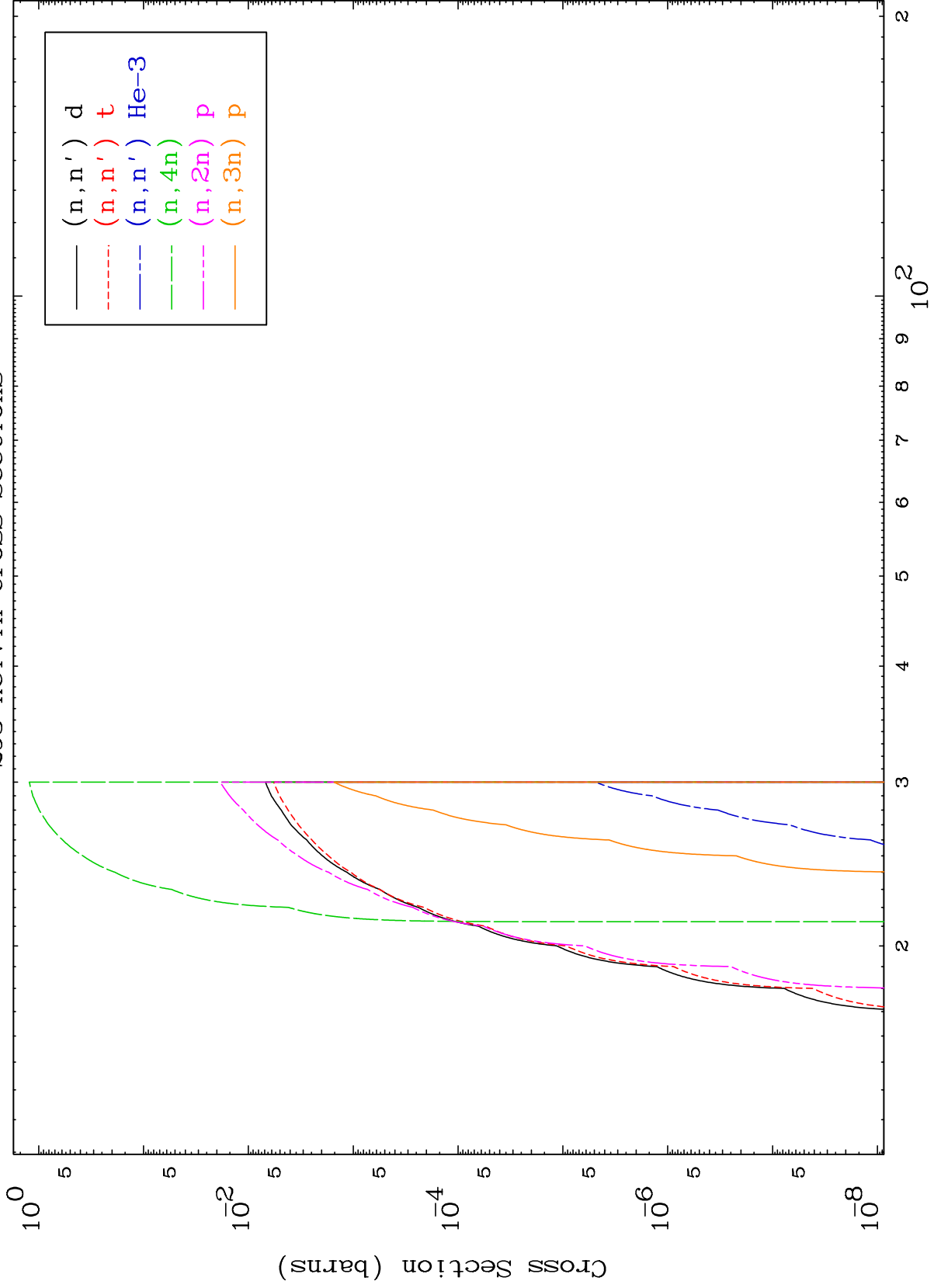


MAT 7243

Neutron Production
293 Kelvin Cross Sections

72-Hf-180

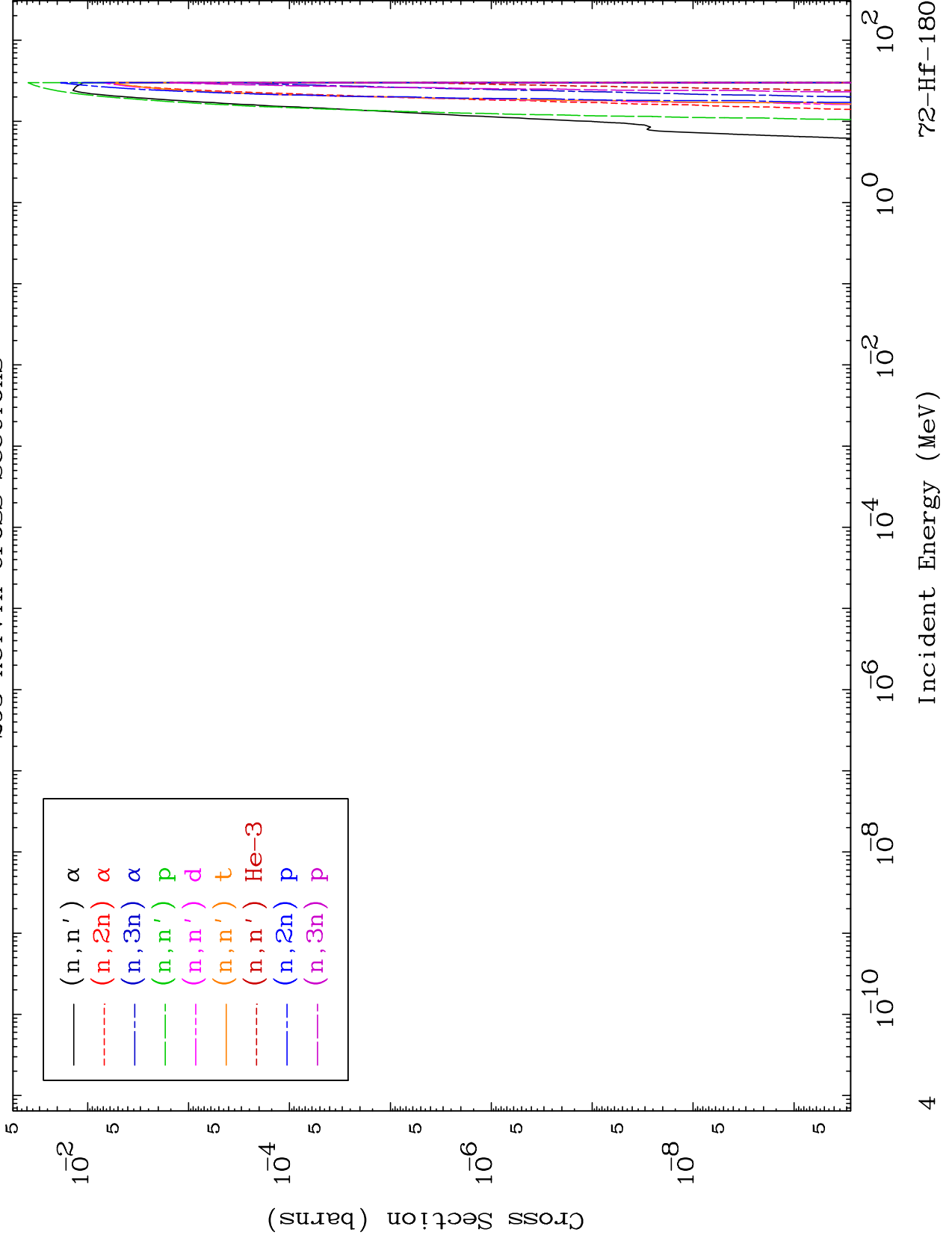




MAT 7243

Charged Particle
293 Kelvin Cross Sections

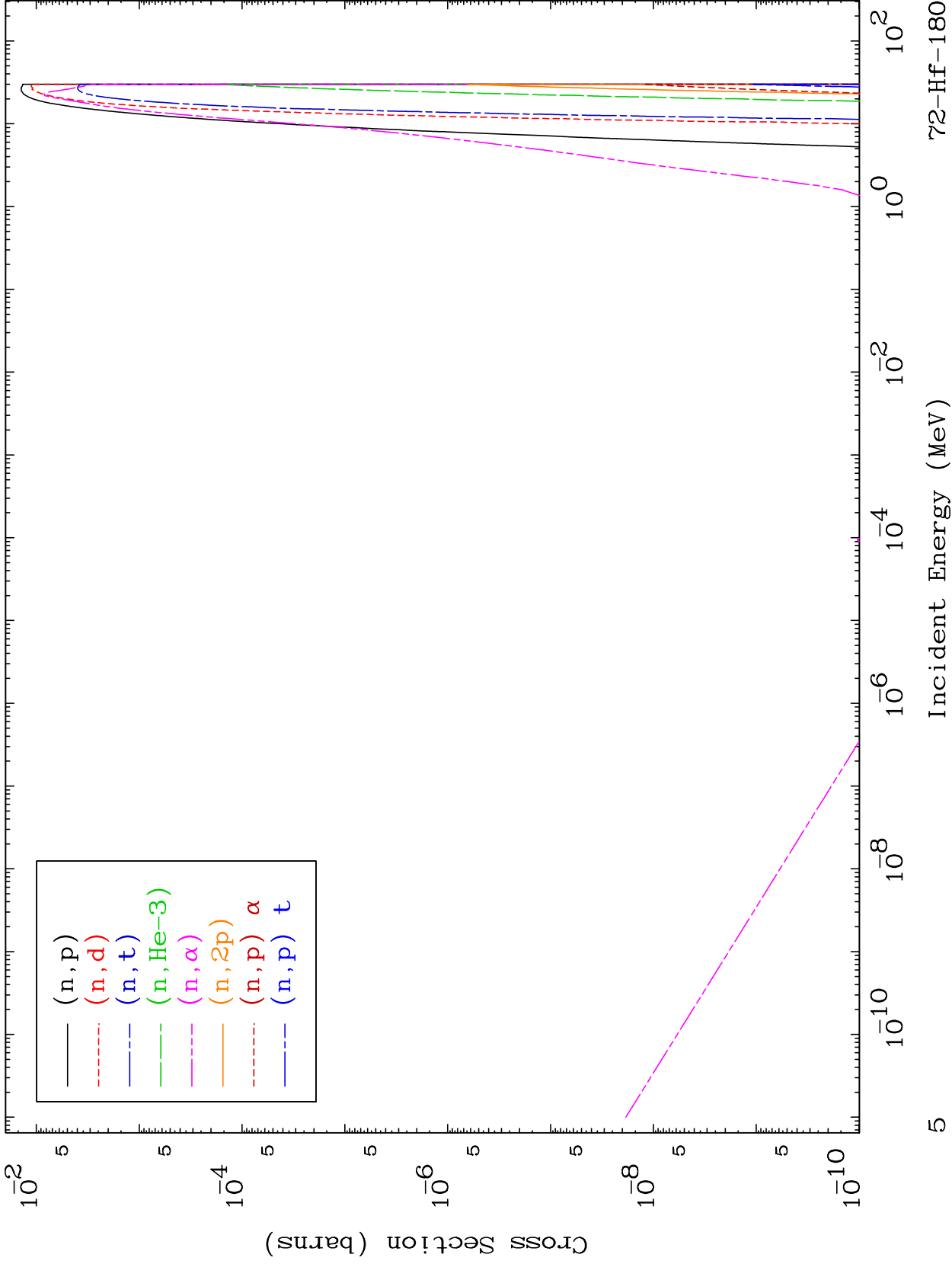
72-Hf-180



MAT 7243

Charged Particle
293 Kelvin Cross Sections

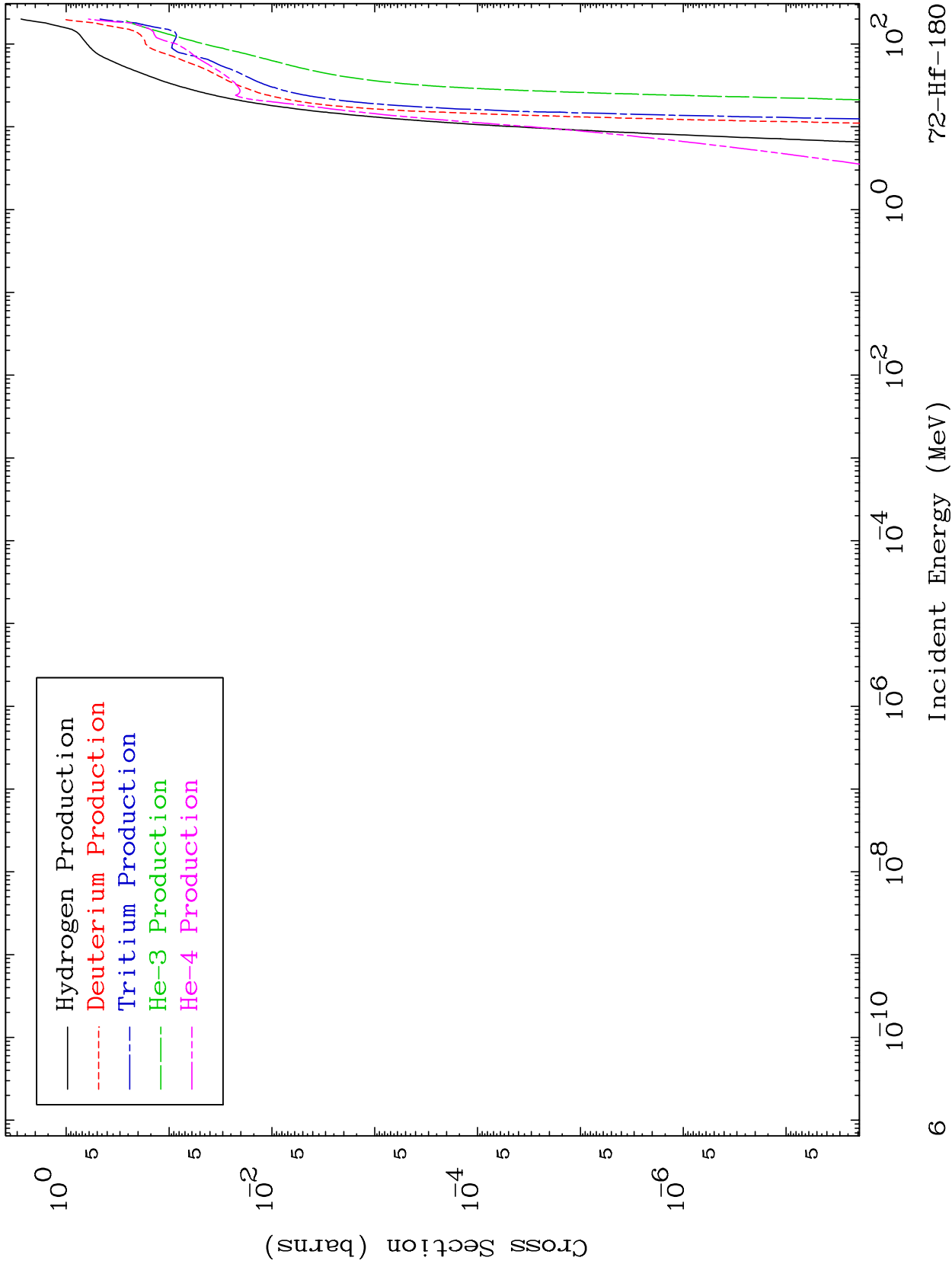
72-Hf-180



MAT 7243

Particle Production
293 Kelvin Cross Sections

72-Hf-180

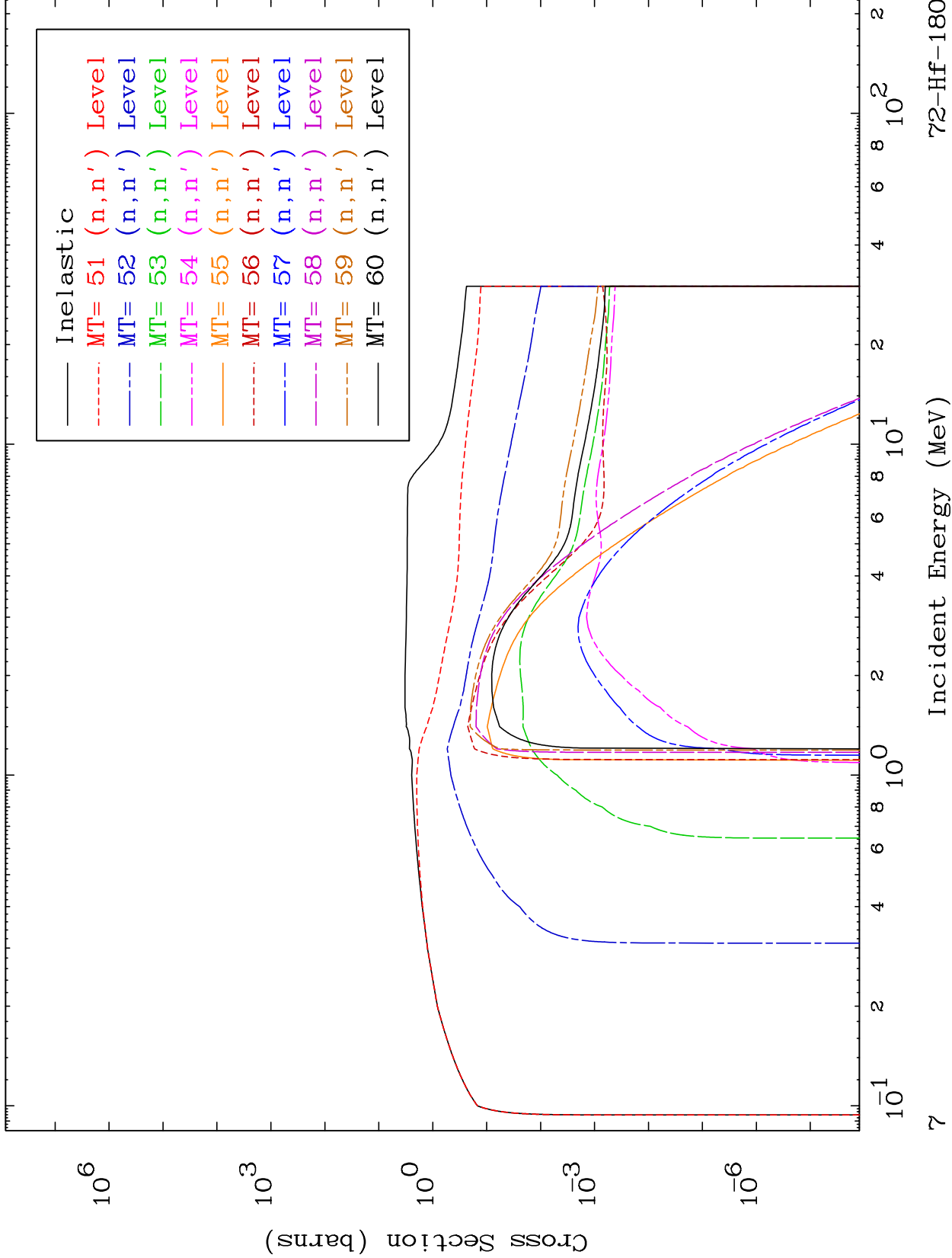


MAT 7243

(n,n') Level

72-Hf-180

293 Kelvin Cross Sections



7

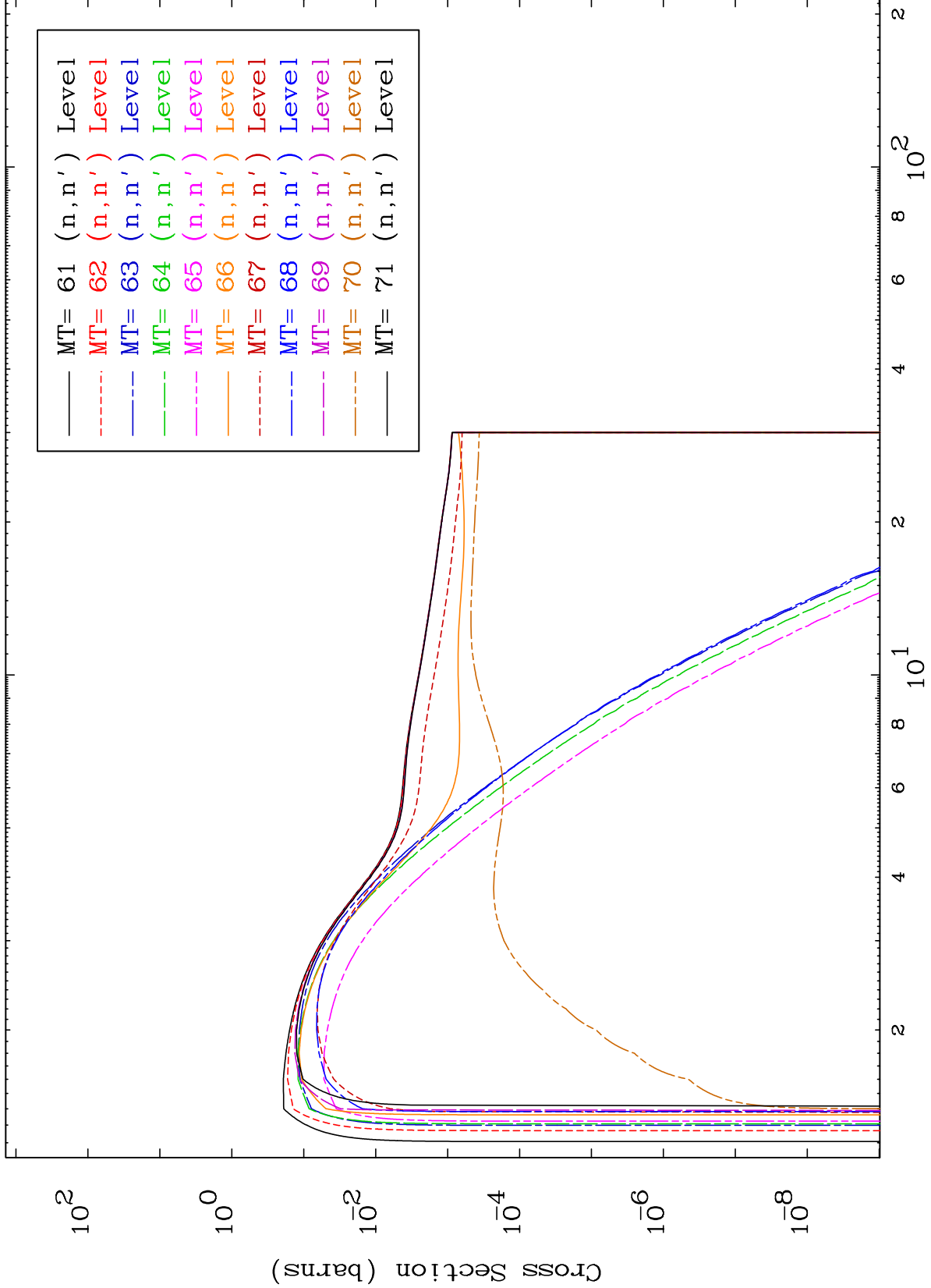
72-Hf-180

MAT 7243

(n,n') Level

72-Hf-180

293 Kelvin Cross Sections

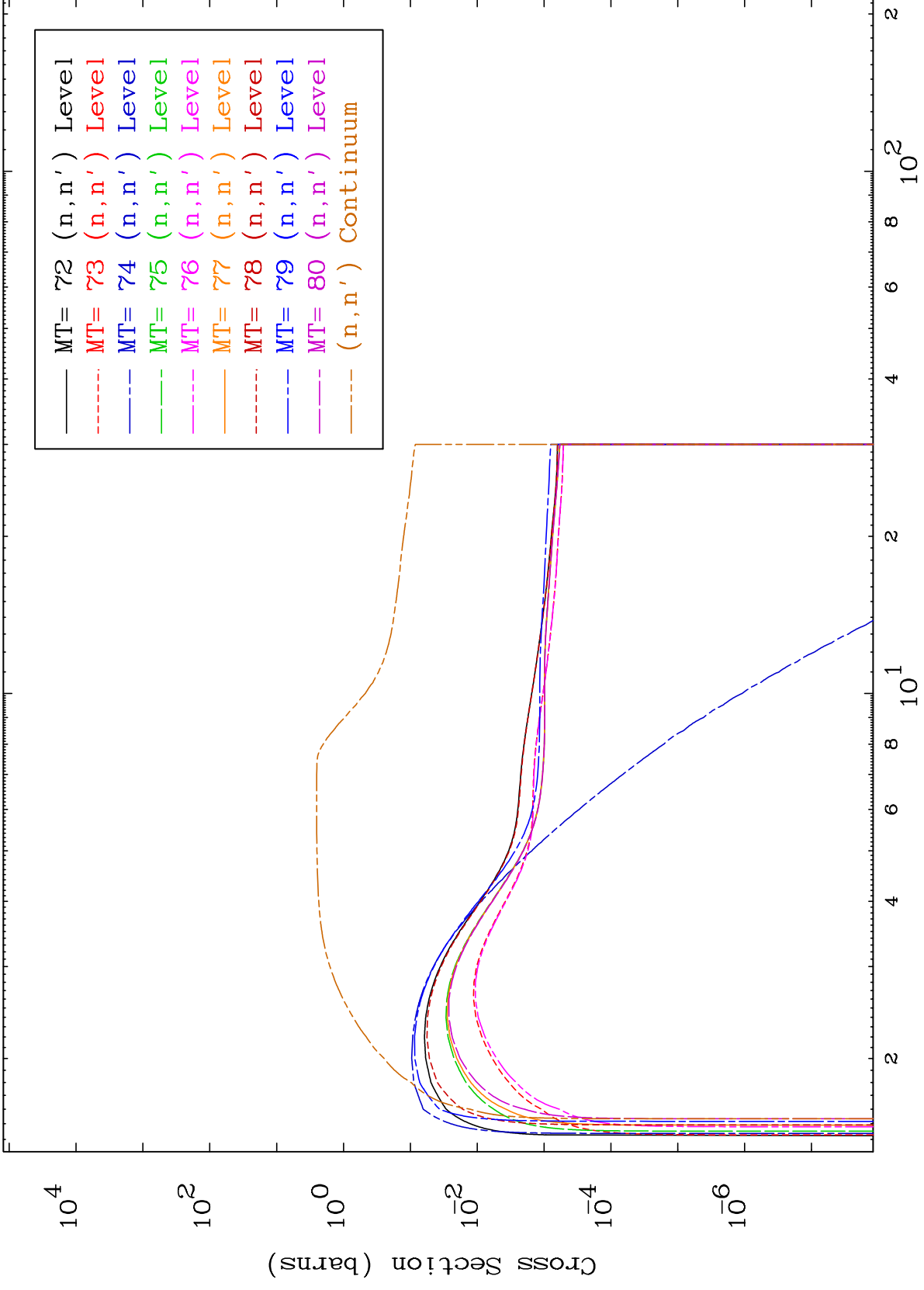


8

Incident Energy (MeV)

72-Hf-180

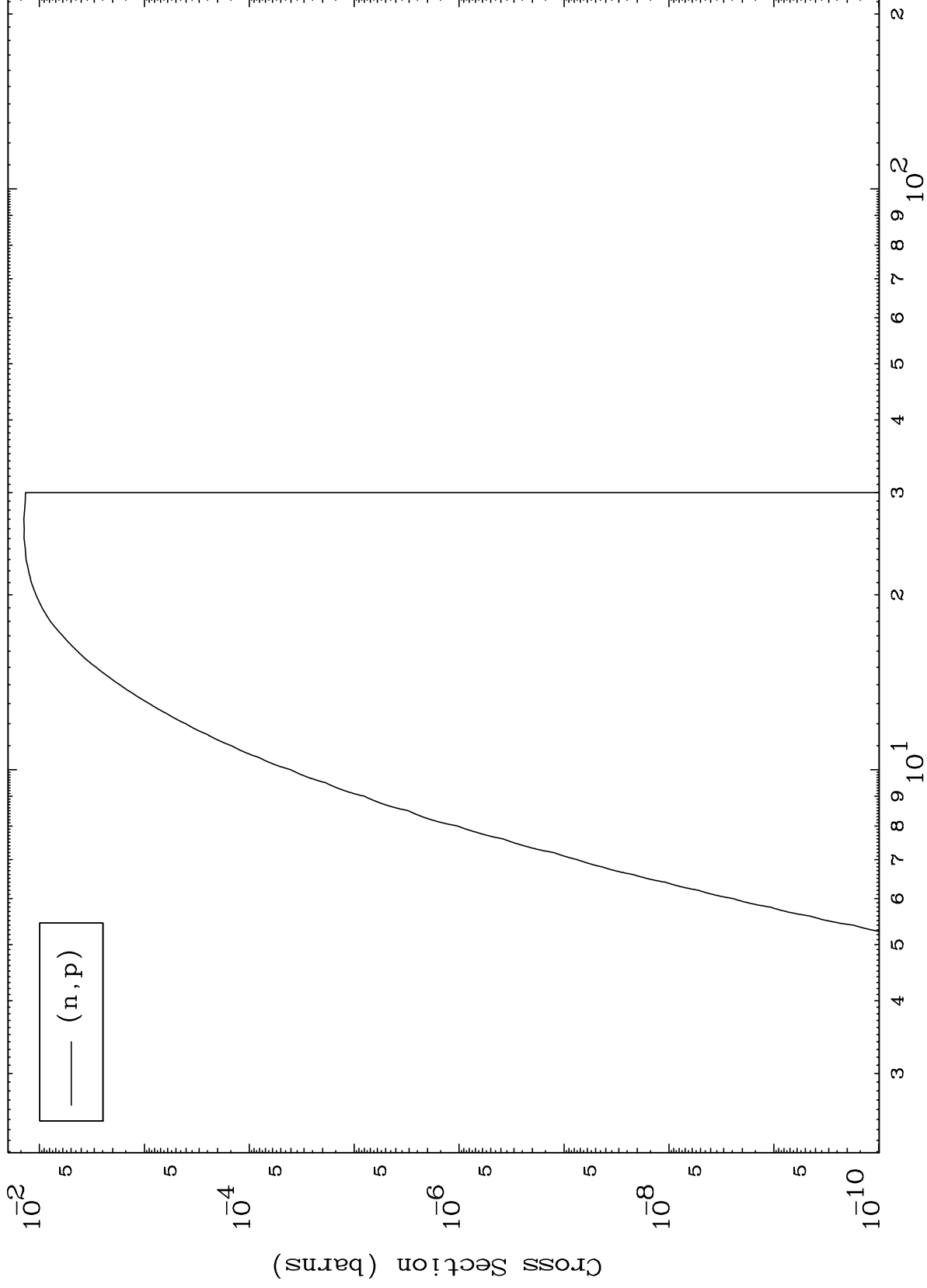
293 Kelvin Cross Sections



MAT 7243

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-180



10

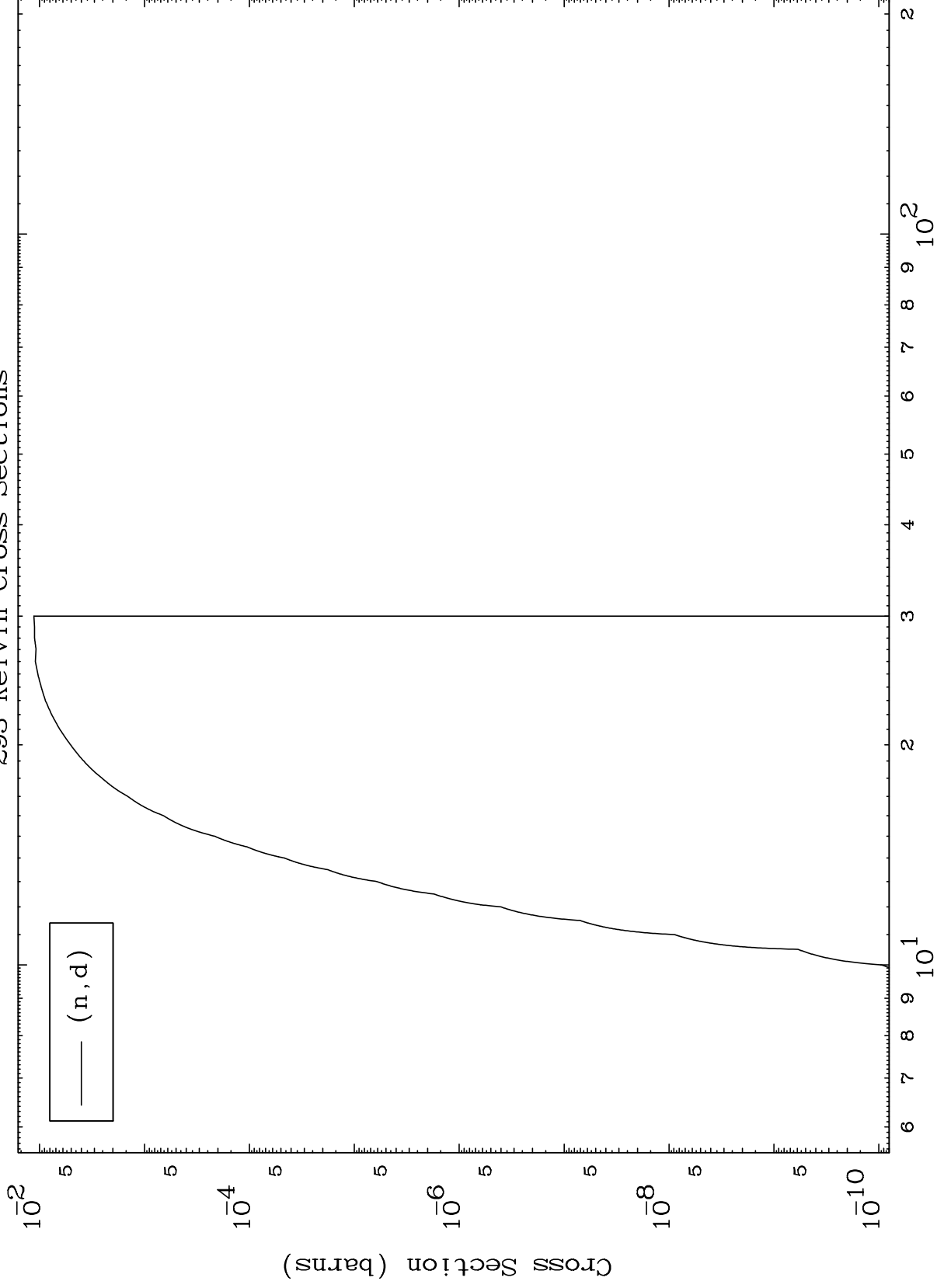
Incident Energy (MeV)

72-Hf-180

MAT 7243

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-180



11

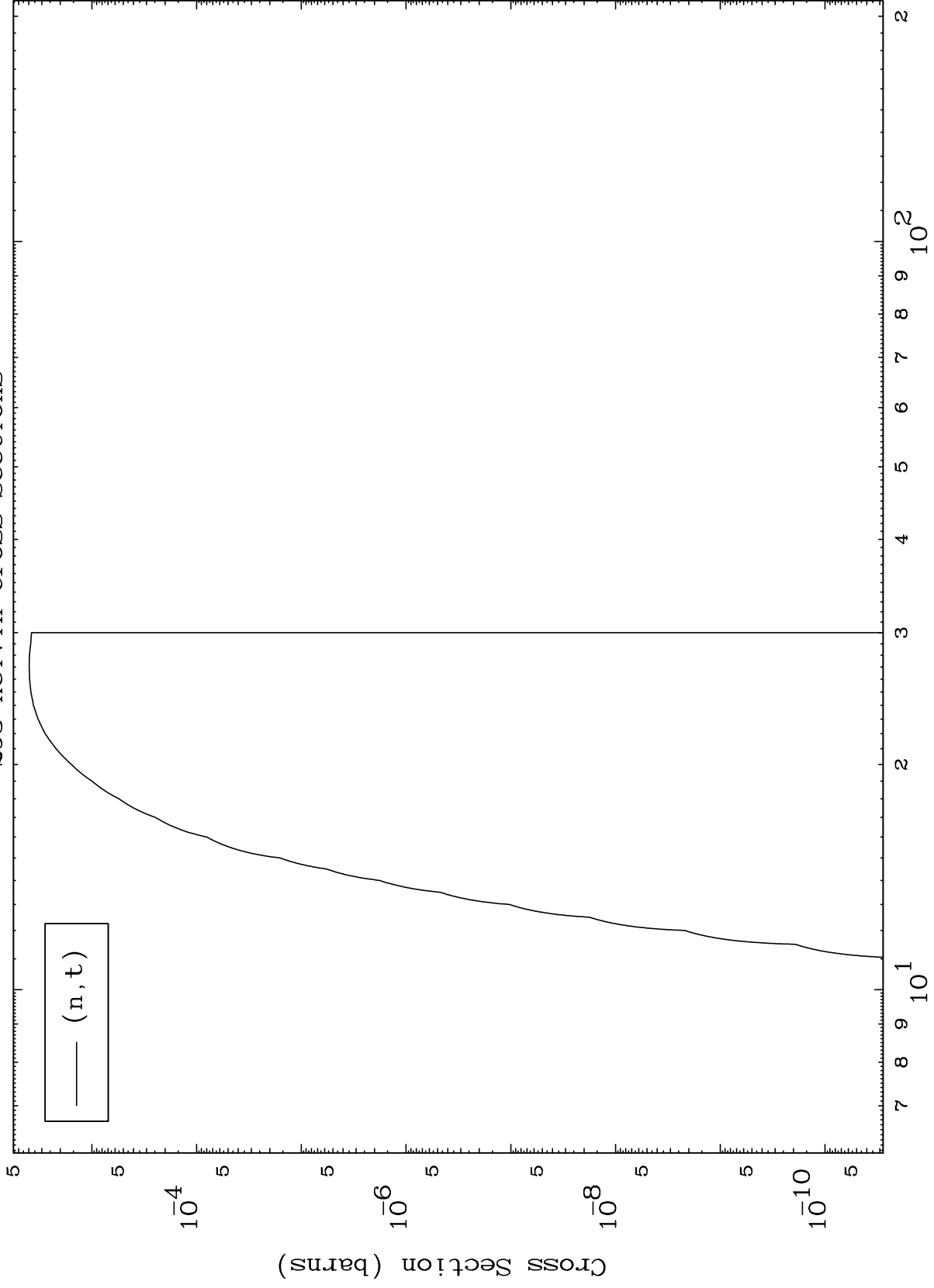
Incident Energy (MeV)

72-Hf-180

MAT 7243

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-180



12

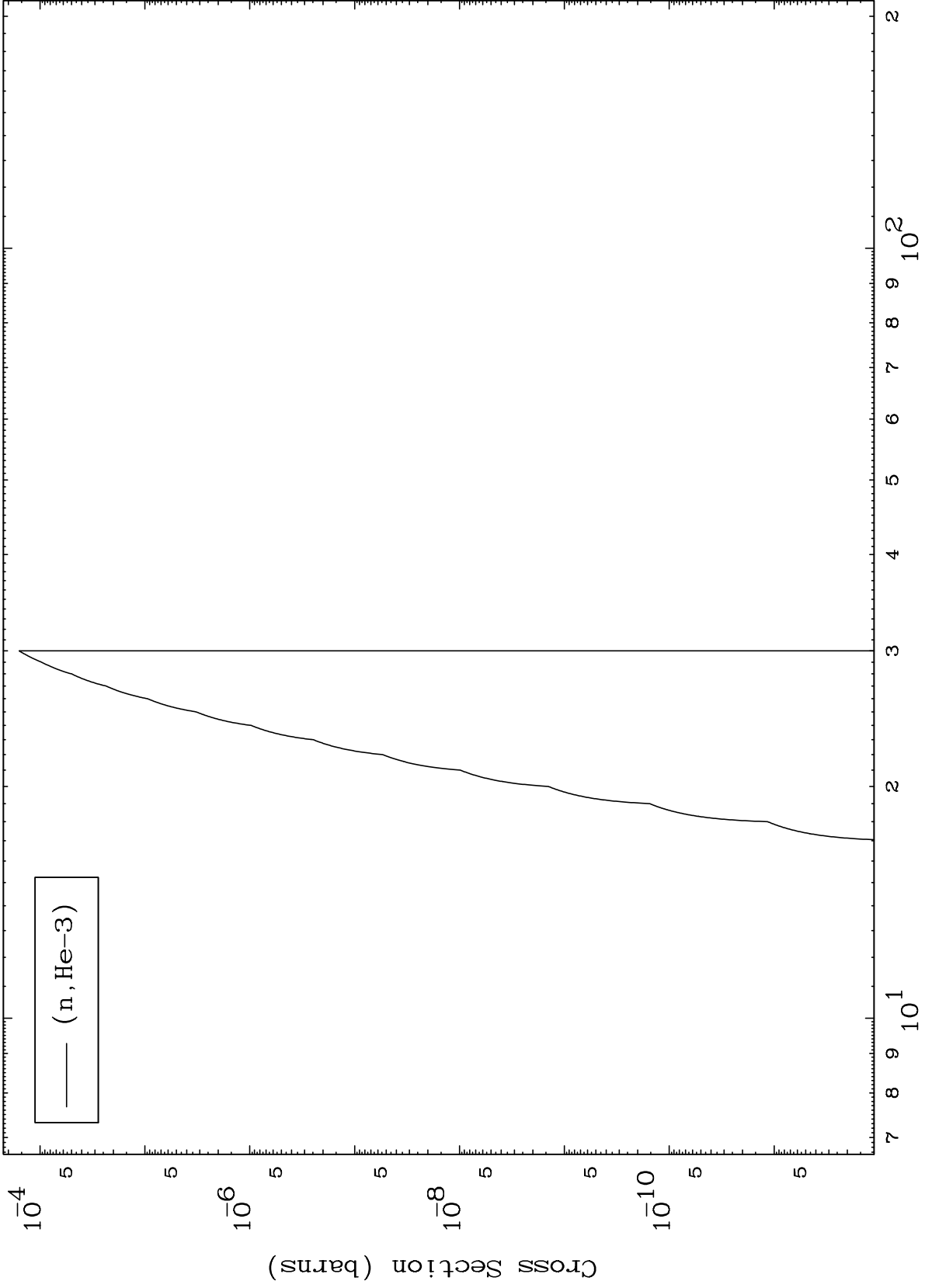
Incident Energy (MeV)

72-Hf-180

MAT 7243

(n,He3) Levels
293 Kelvin Cross Sections

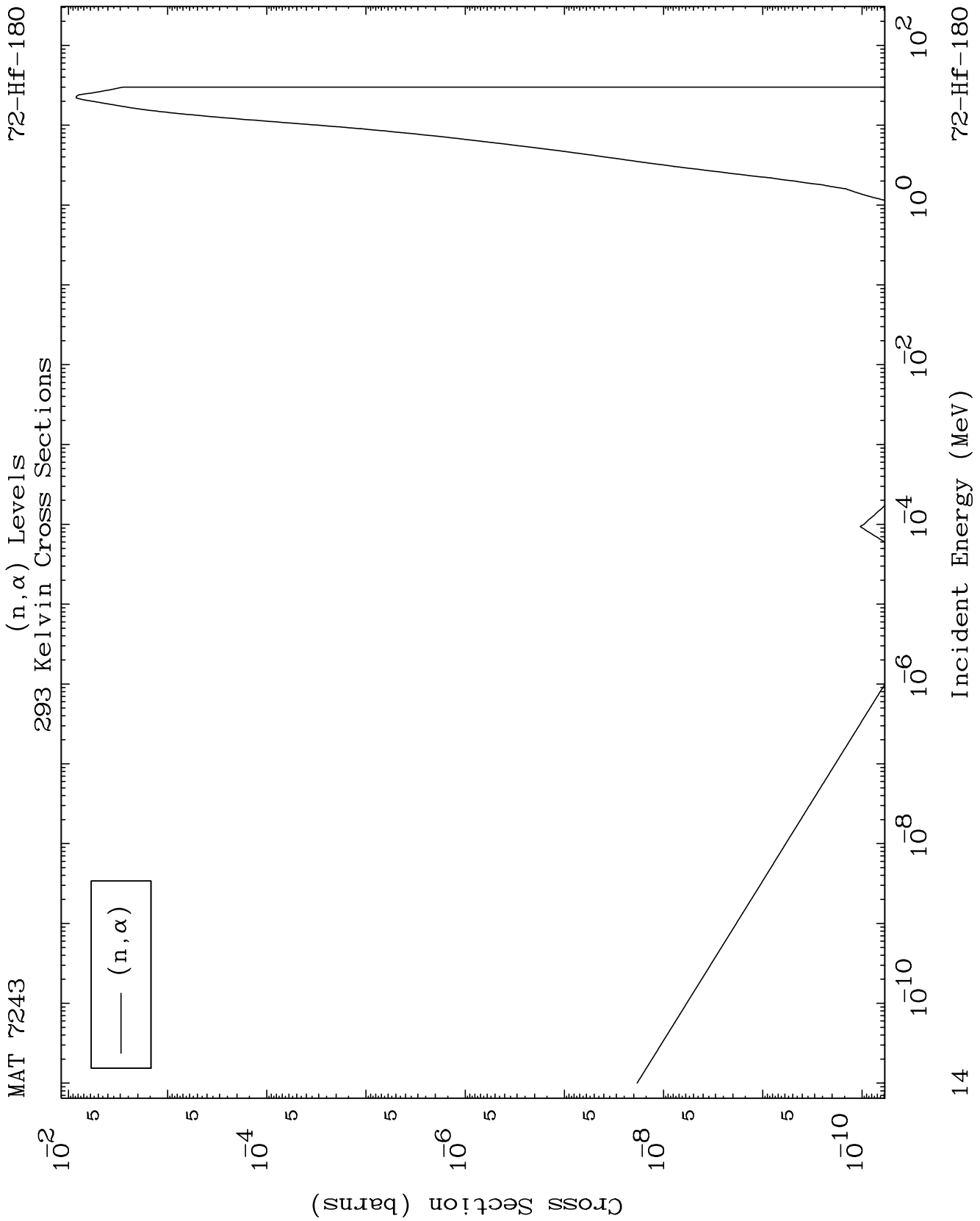
72-Hf-180

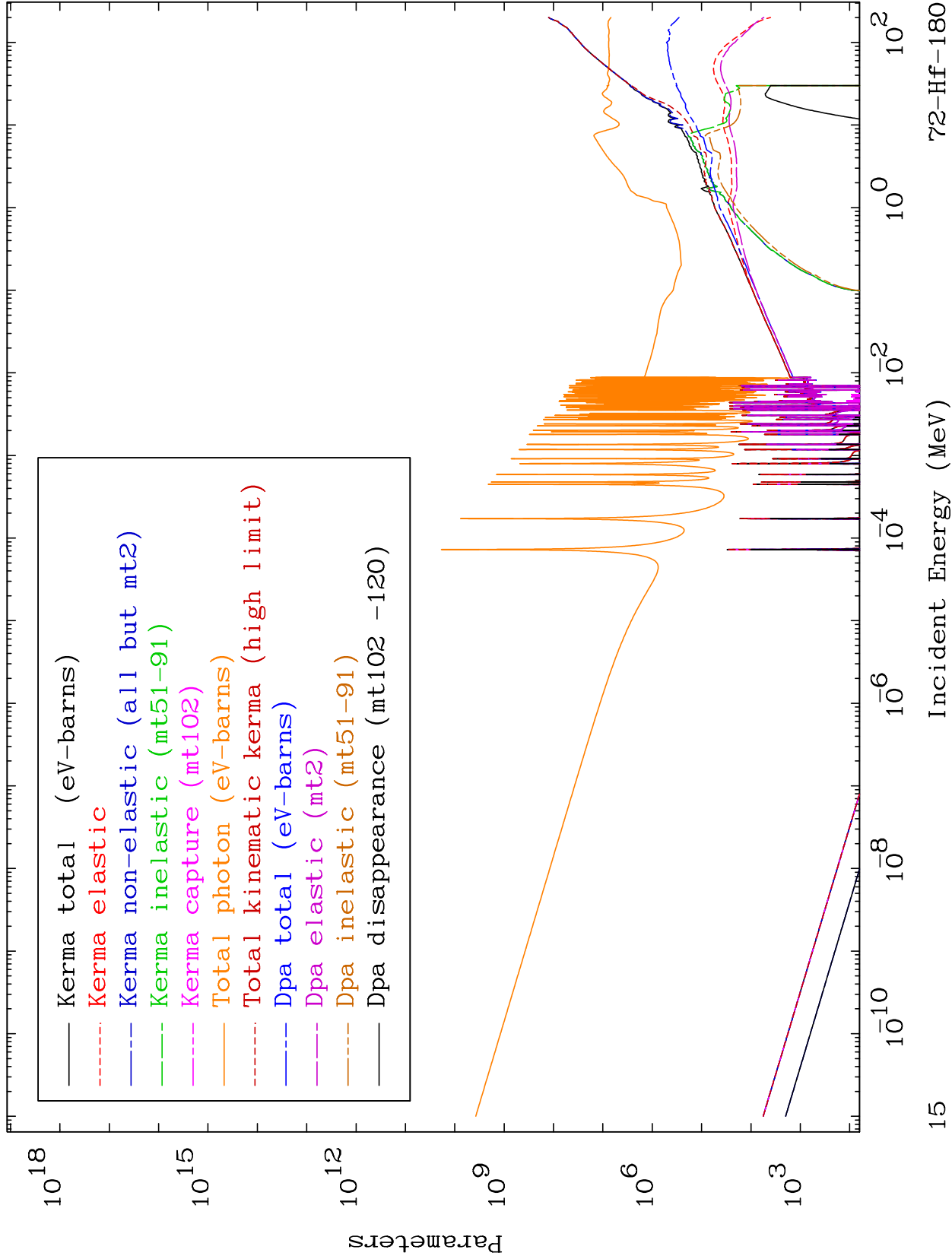


13

Incident Energy (MeV)

72-Hf-180

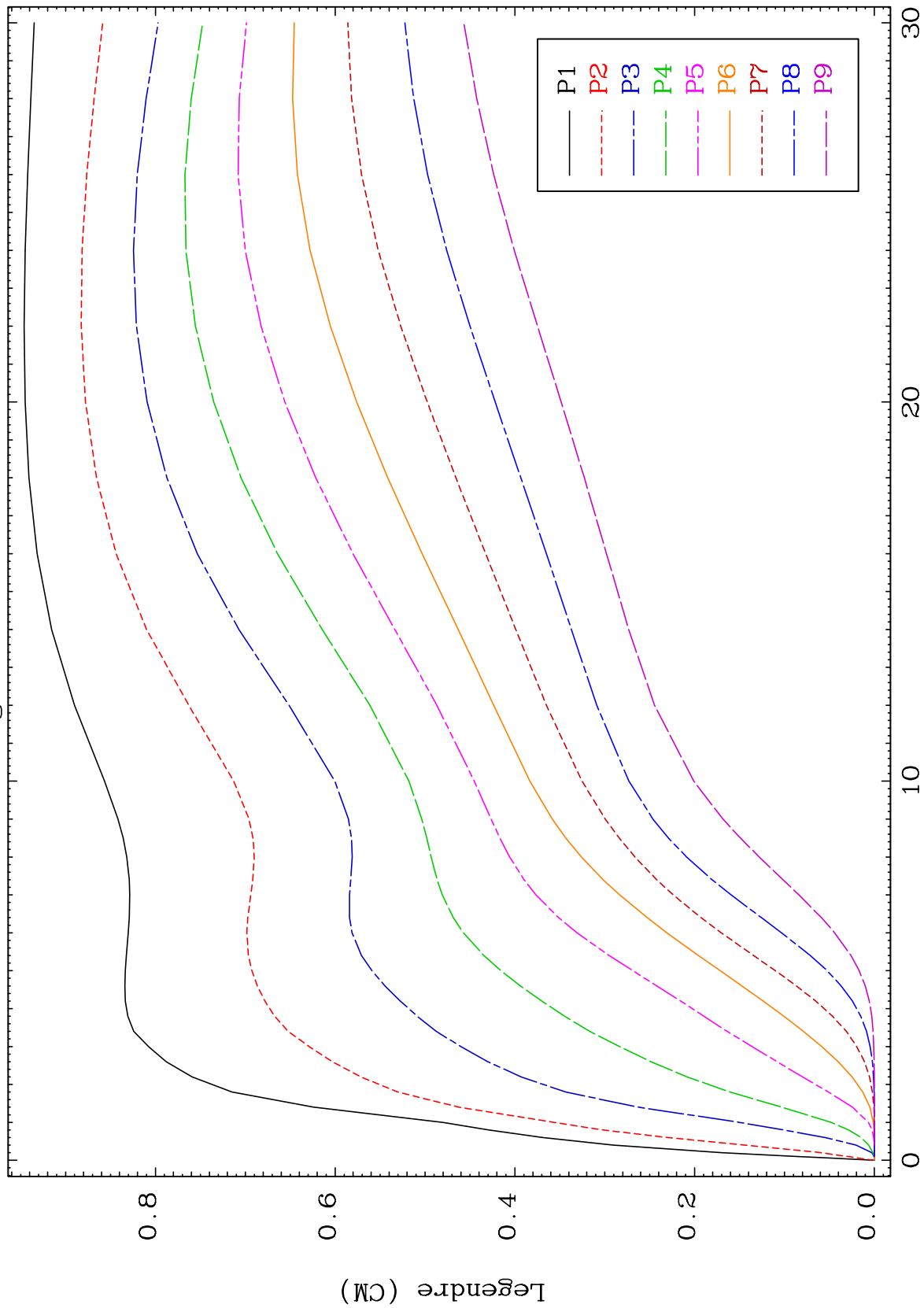




MAT 7243

Elastic Legendre Coefficients

72-Hf-180



16

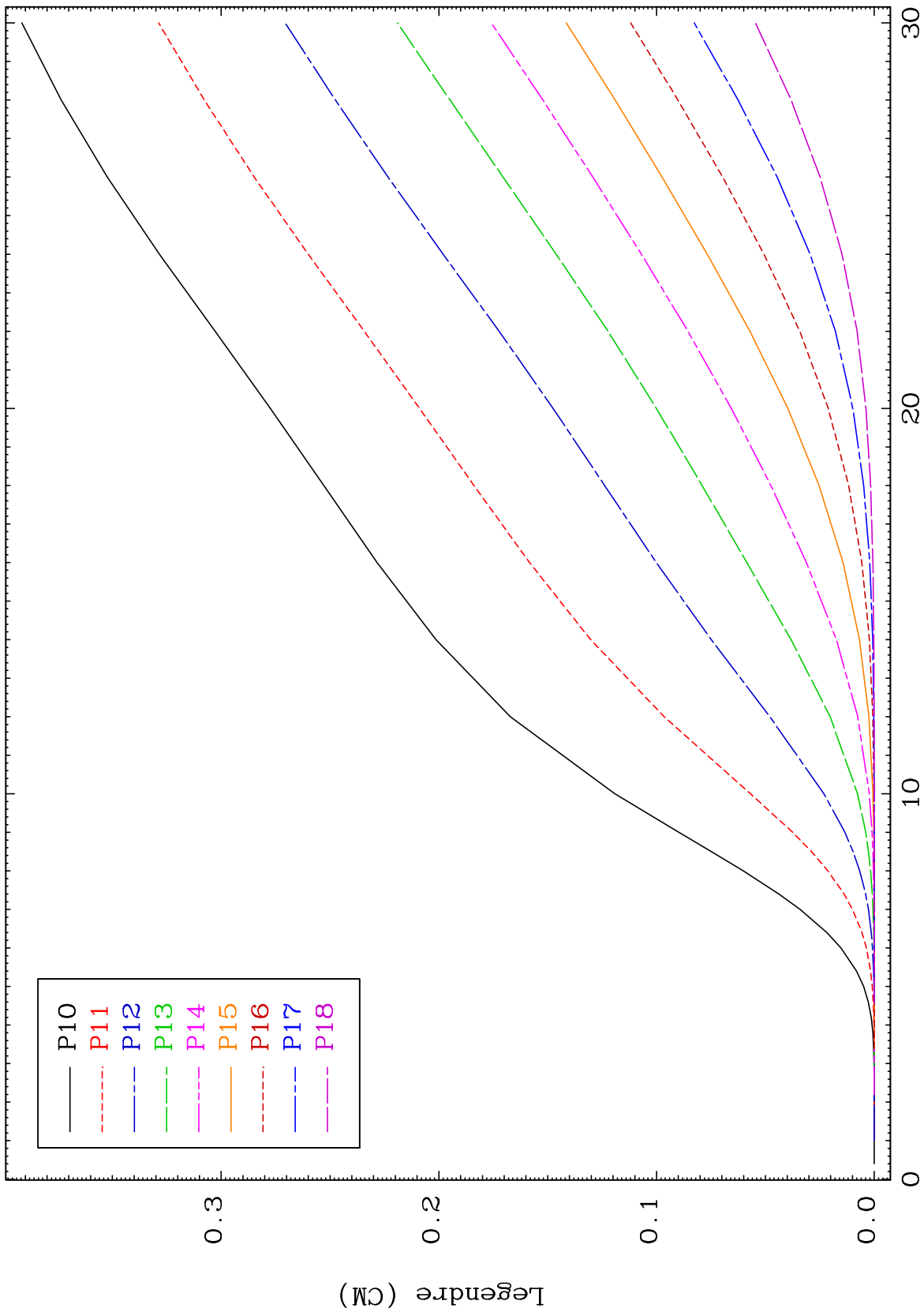
Incident Energy (MeV)

72-Hf-180

MAT 7243

Elastic Legendre Coefficients

72-Hf-180



17

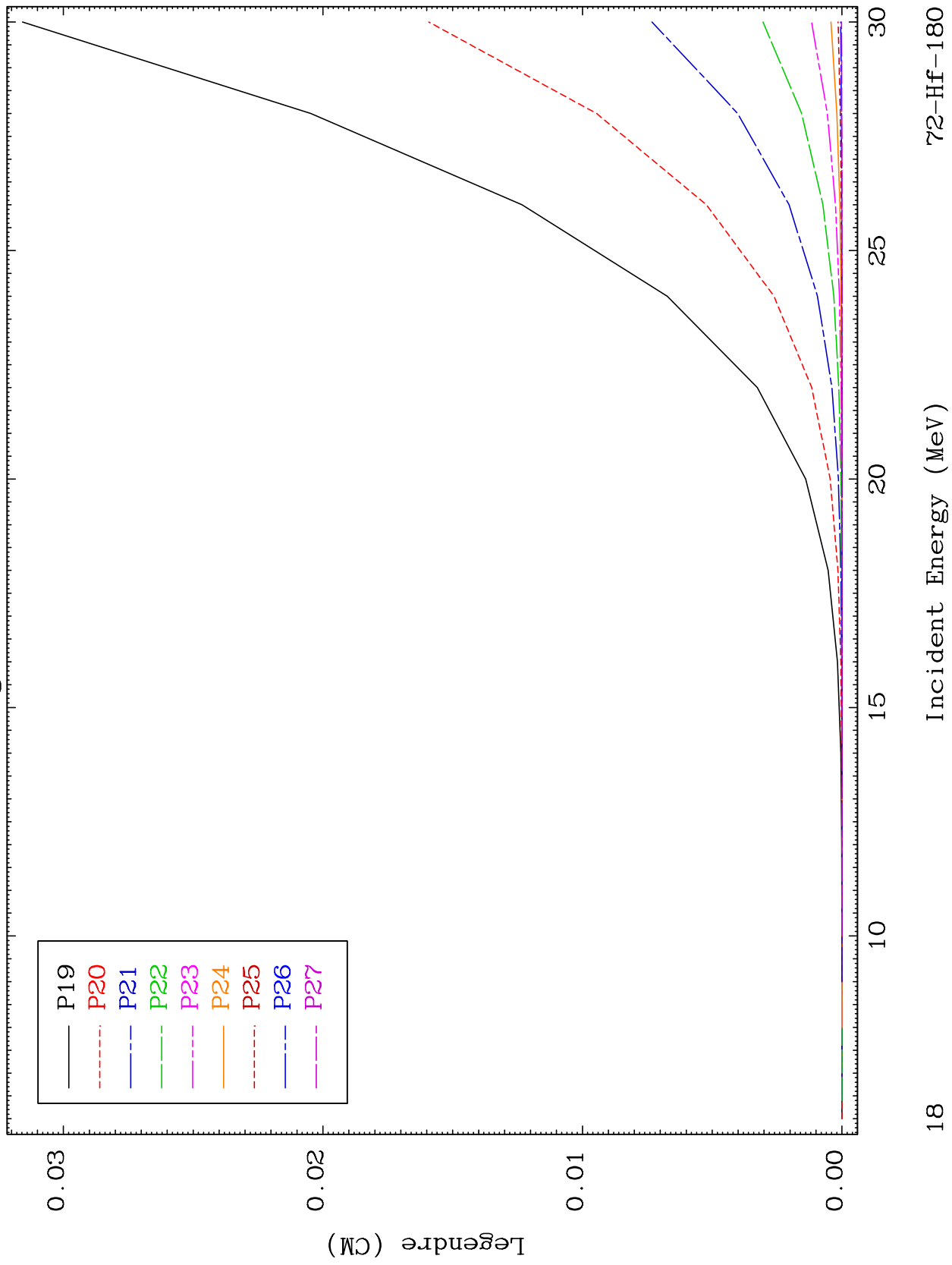
Incident Energy (MeV)

72-Hf-180

MAT 7243

Elastic Legendre Coefficients

72-Hf-180



18

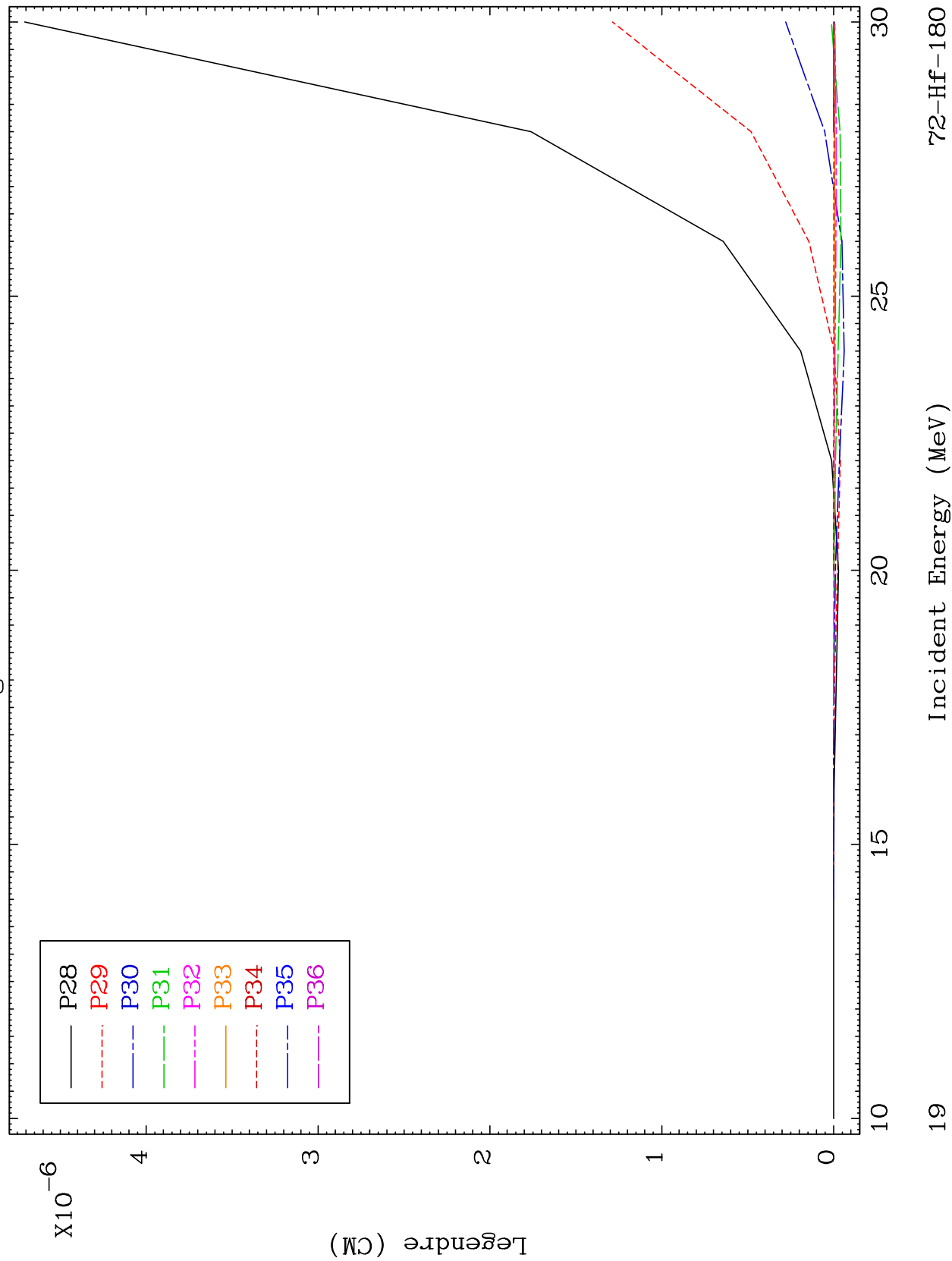
Incident Energy (MeV)

72-Hf-180

MAT 7243

Elastic Legendre Coefficients

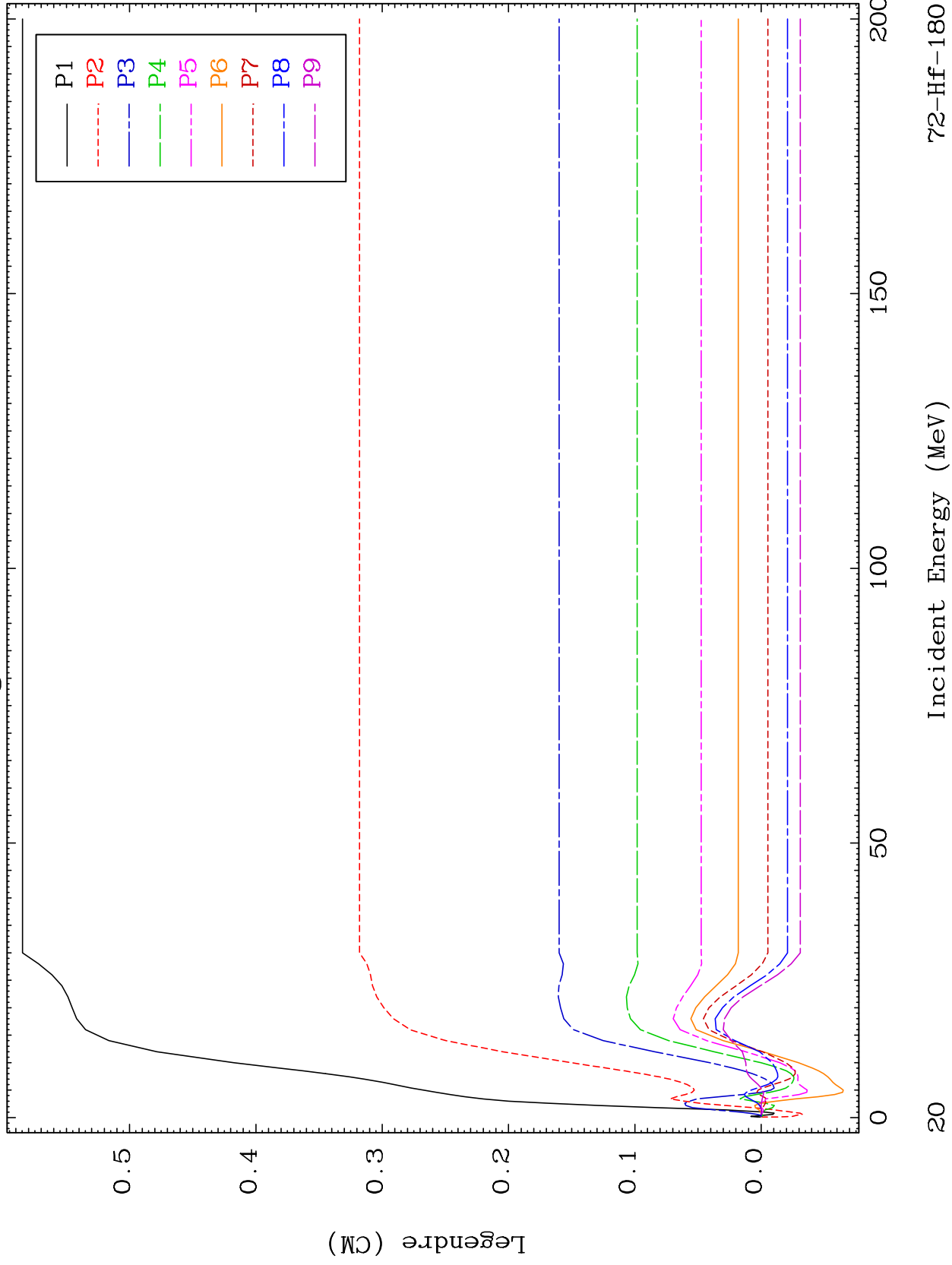
72-Hf-180



MAT 7243

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

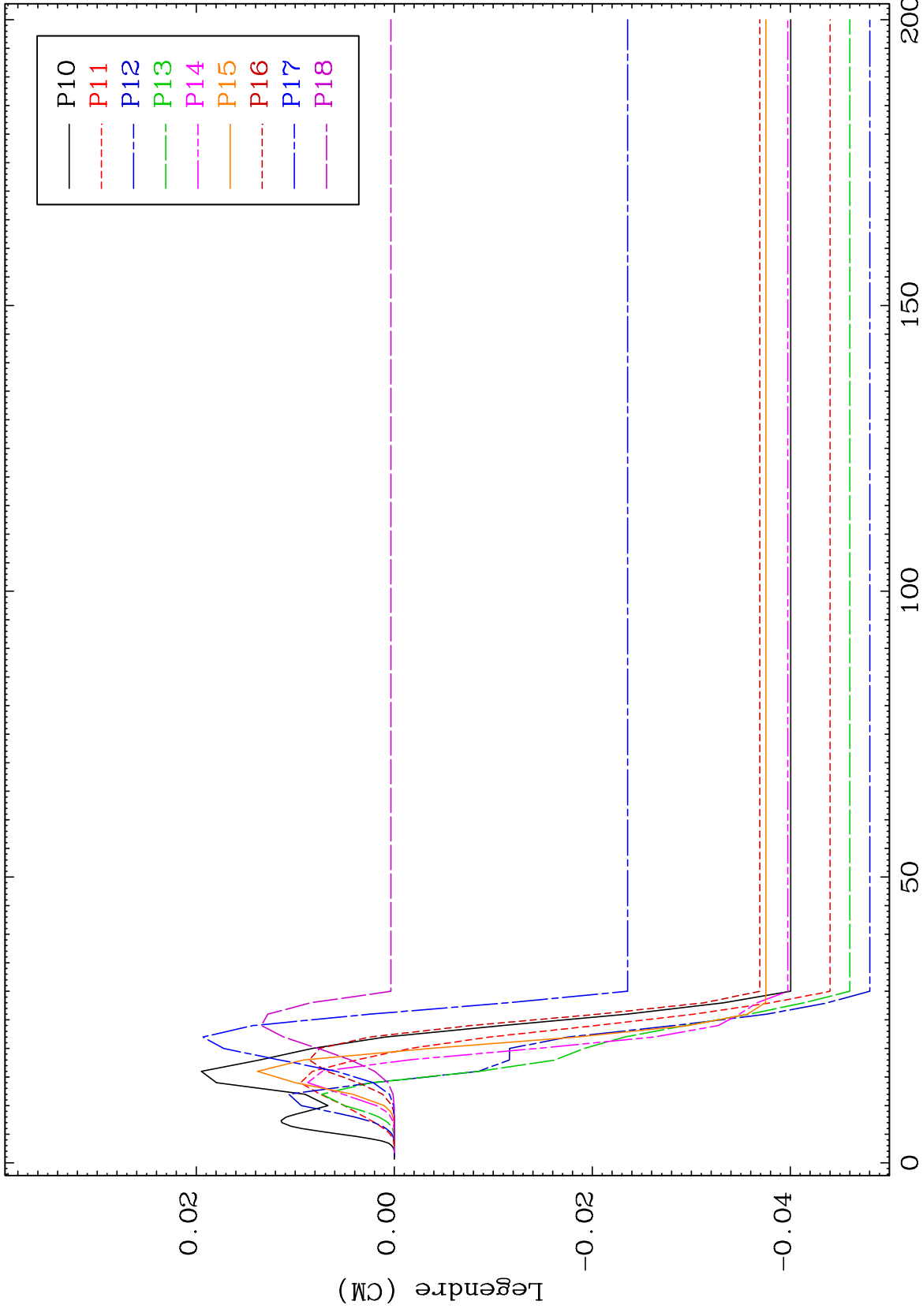
72-Hf-180



MAT 7243

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

72-Hf-180



21

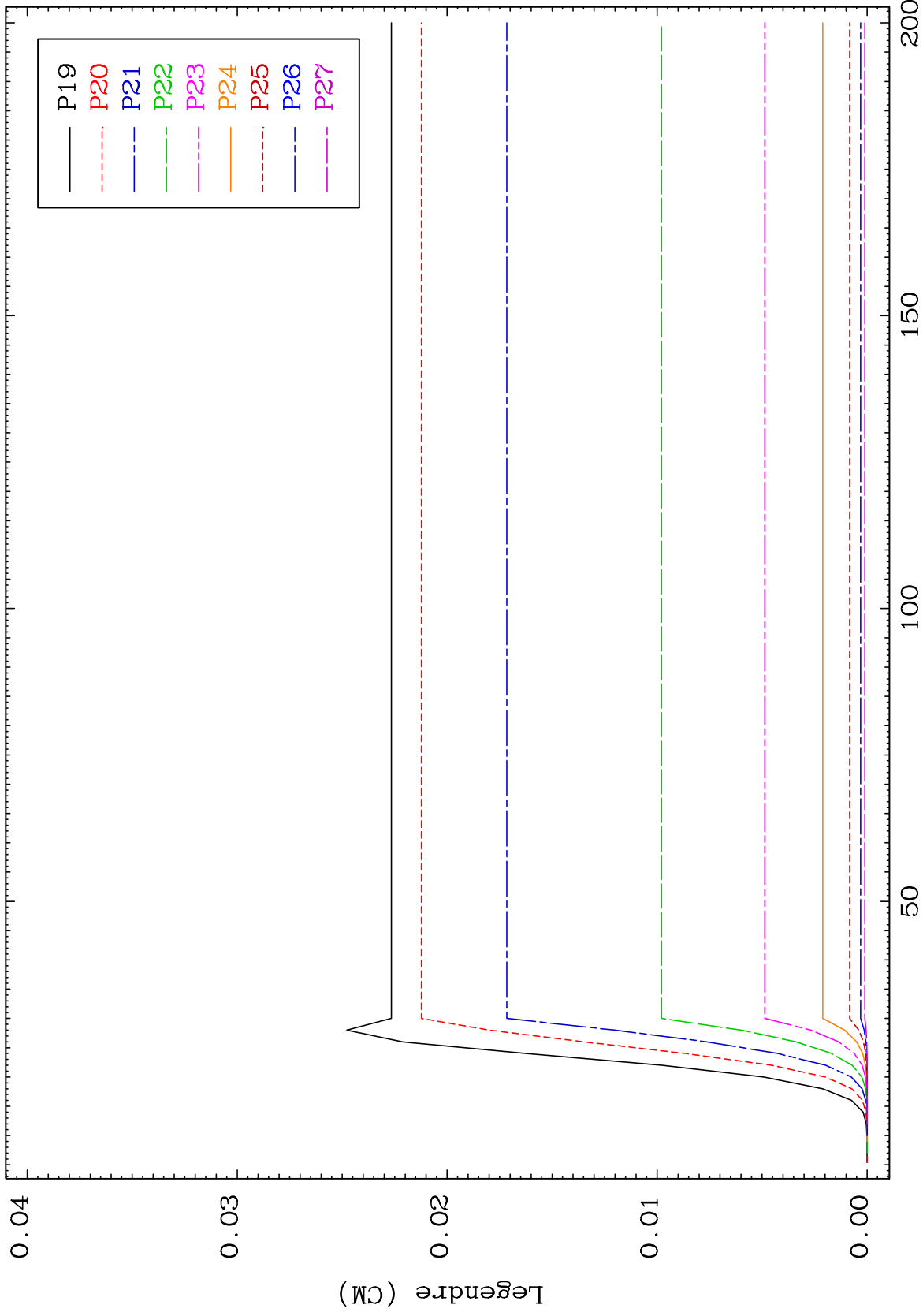
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

72-Hf-180



22

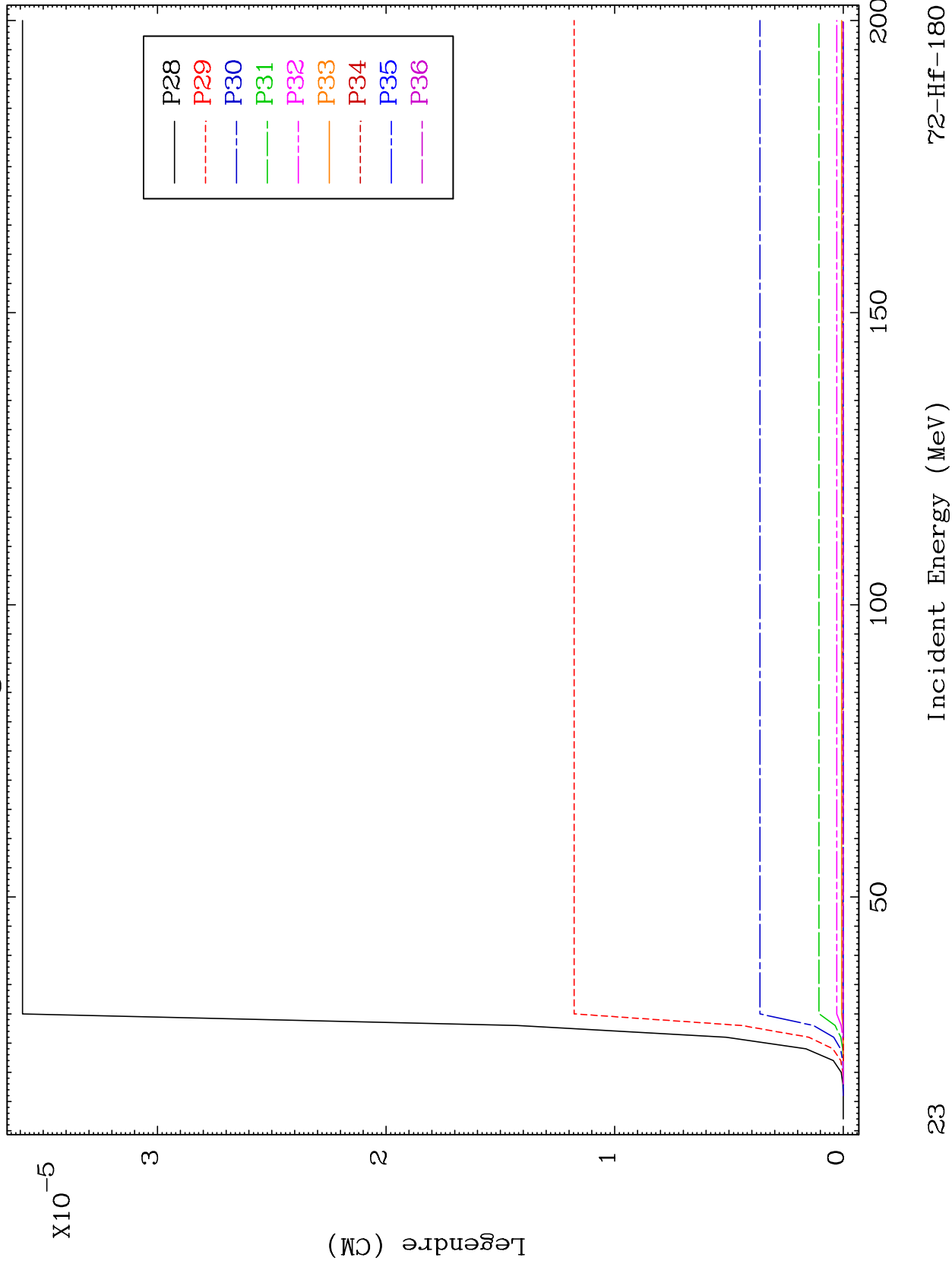
Incident Energy (MeV)

72-Hf-180

MAT 7243

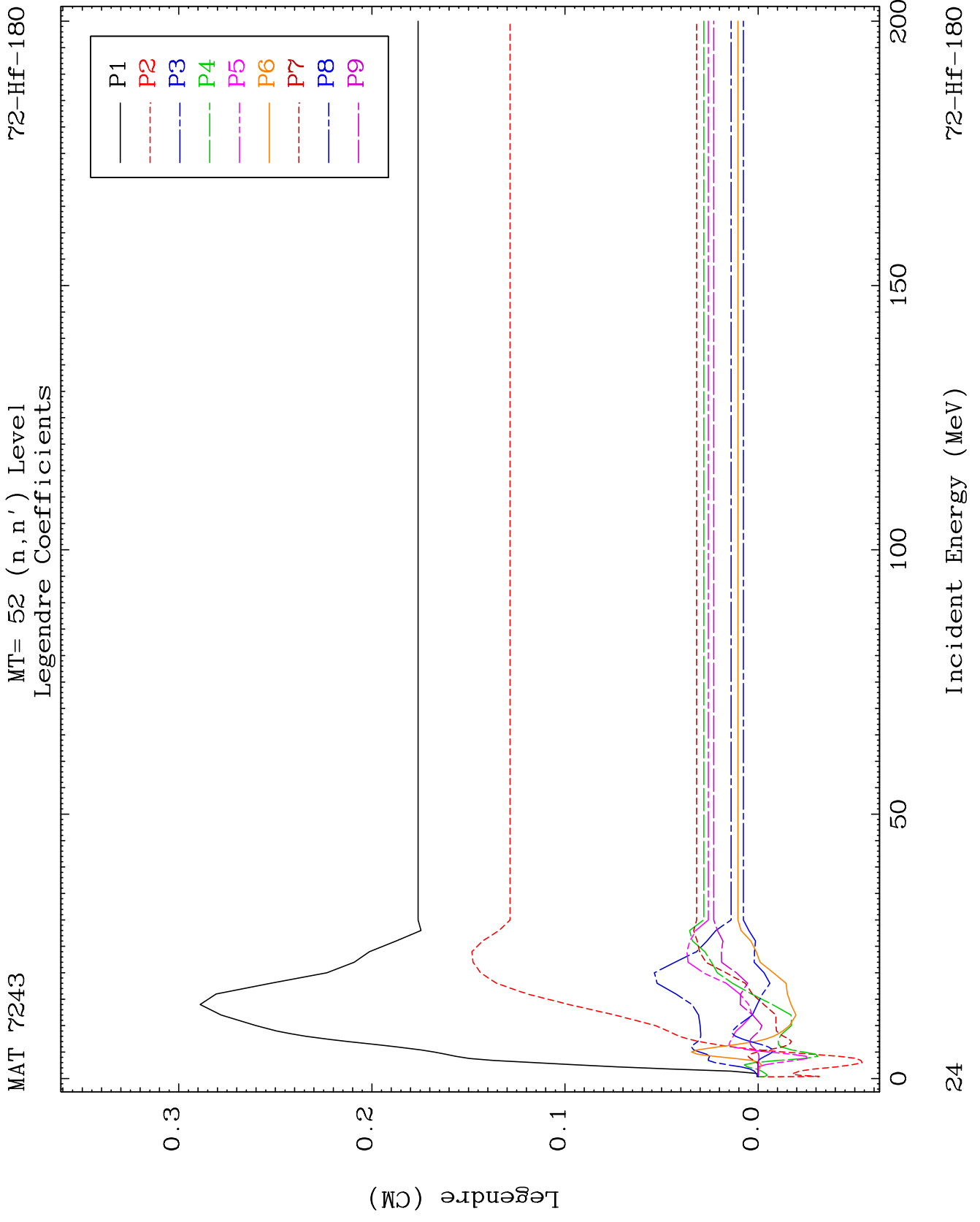
MT= 51 (n,n') Level
Legendre Coefficients

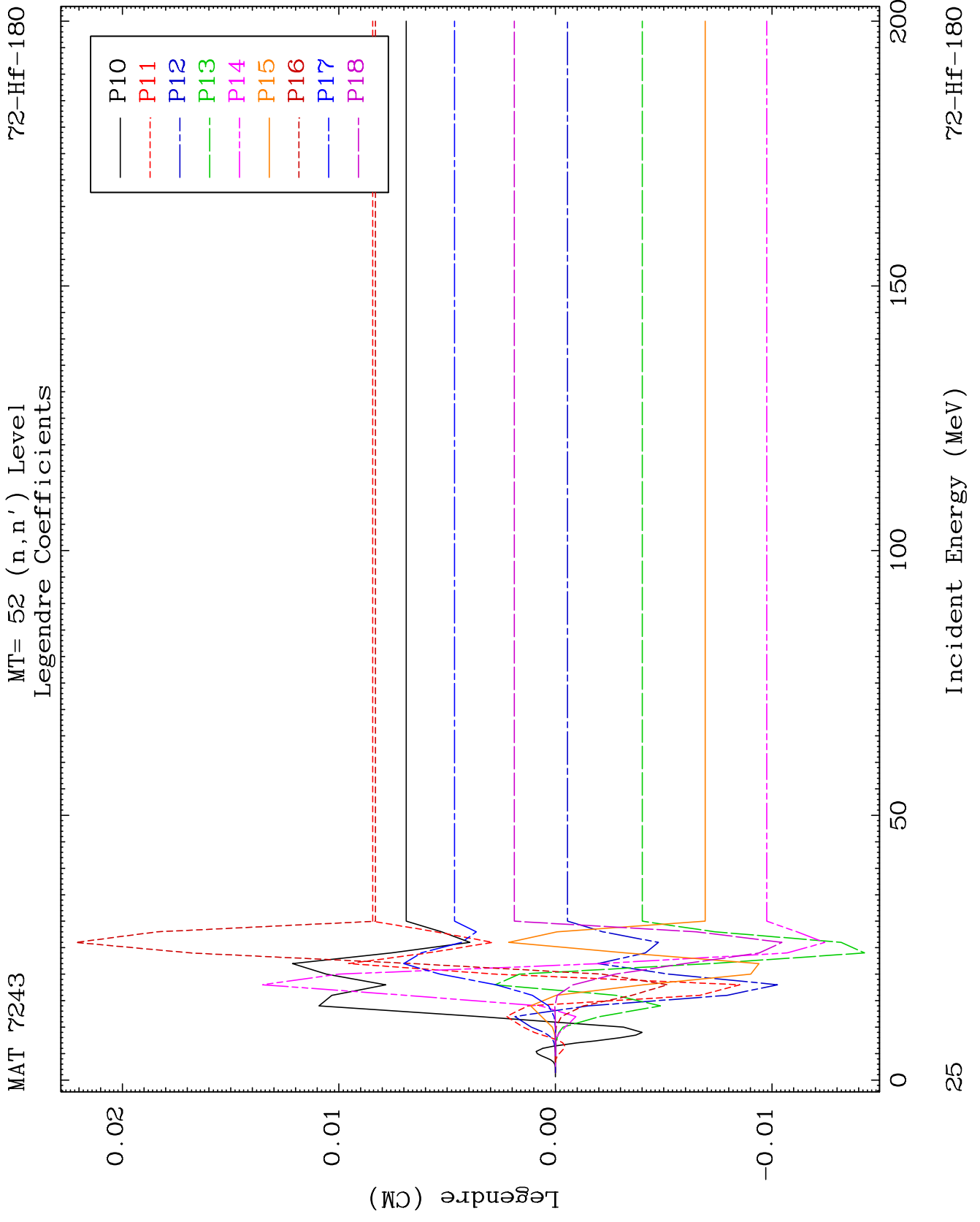
72-Hf-180



23

72-Hf-180

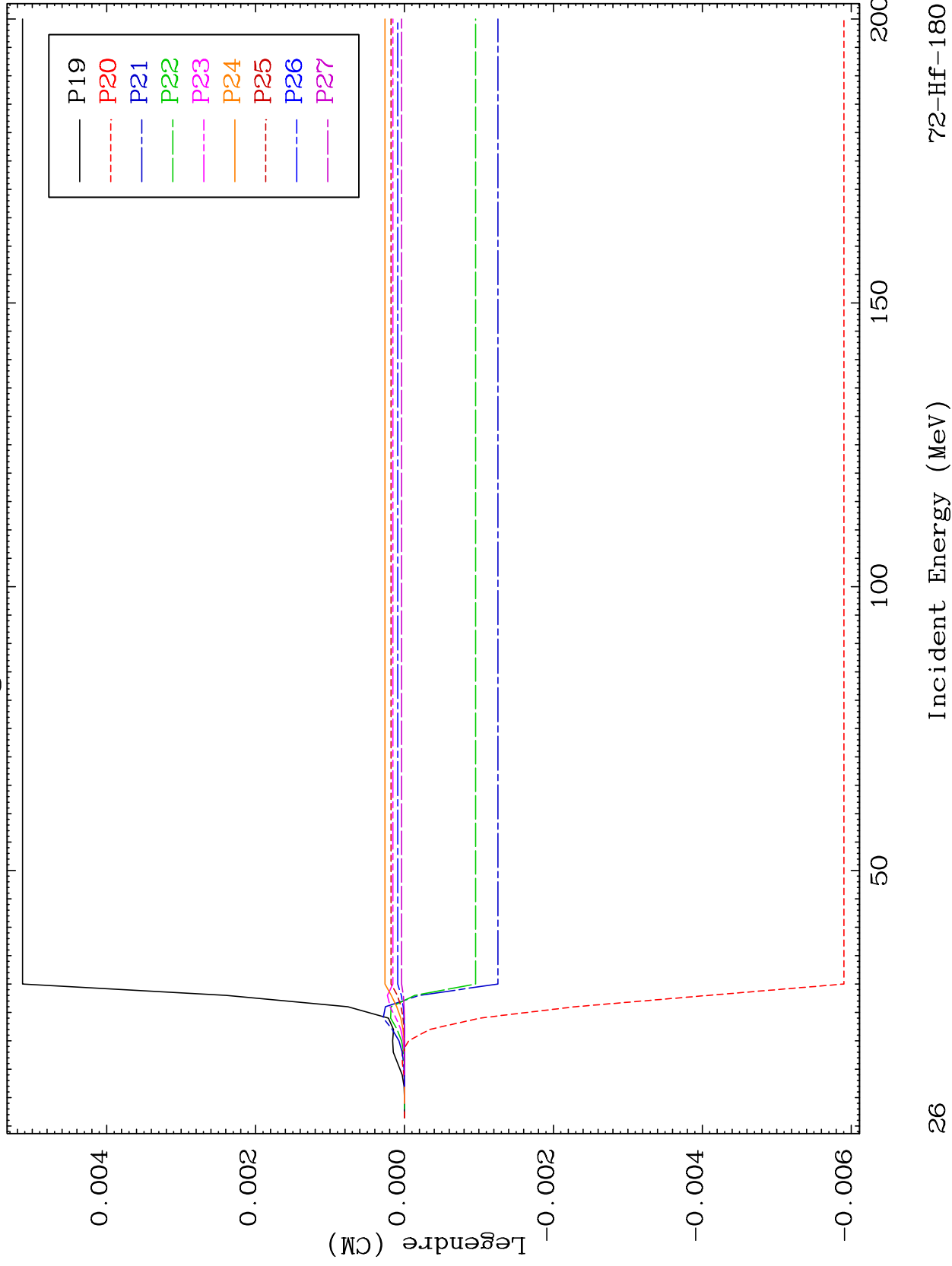




MAT 7243

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

72-Hf-180



26

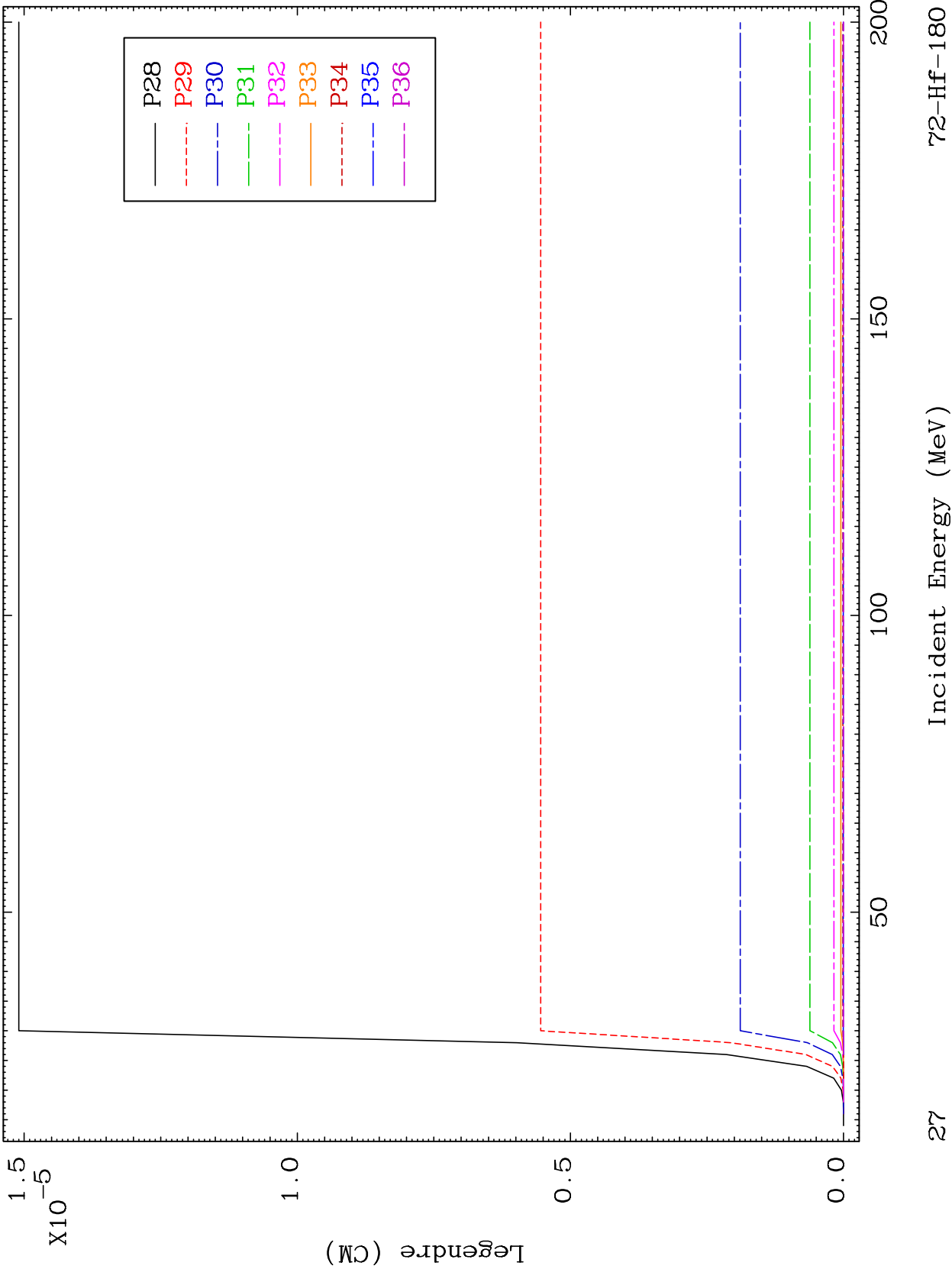
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

72-Hf-180



27

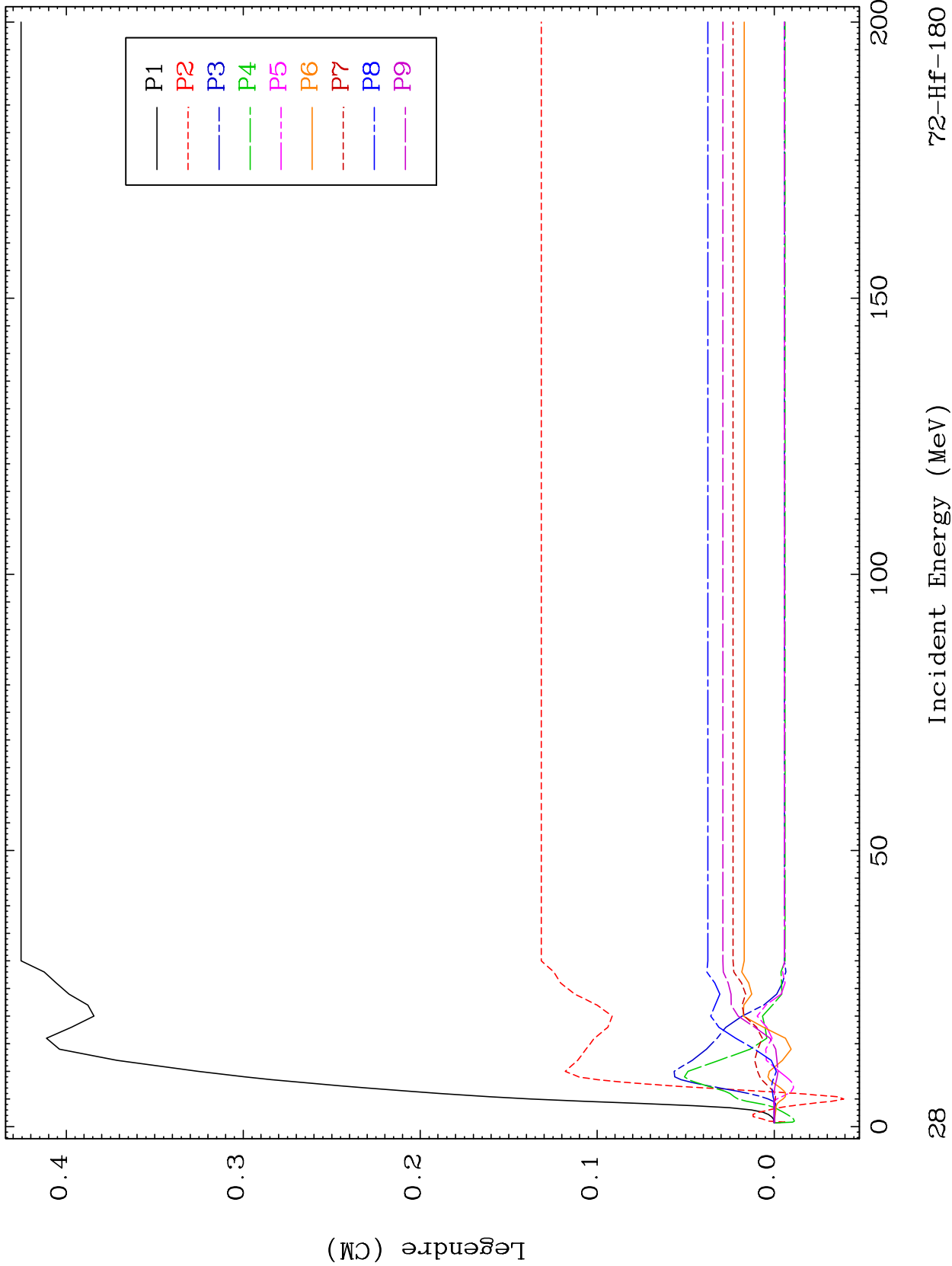
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

72-Hf-180



28

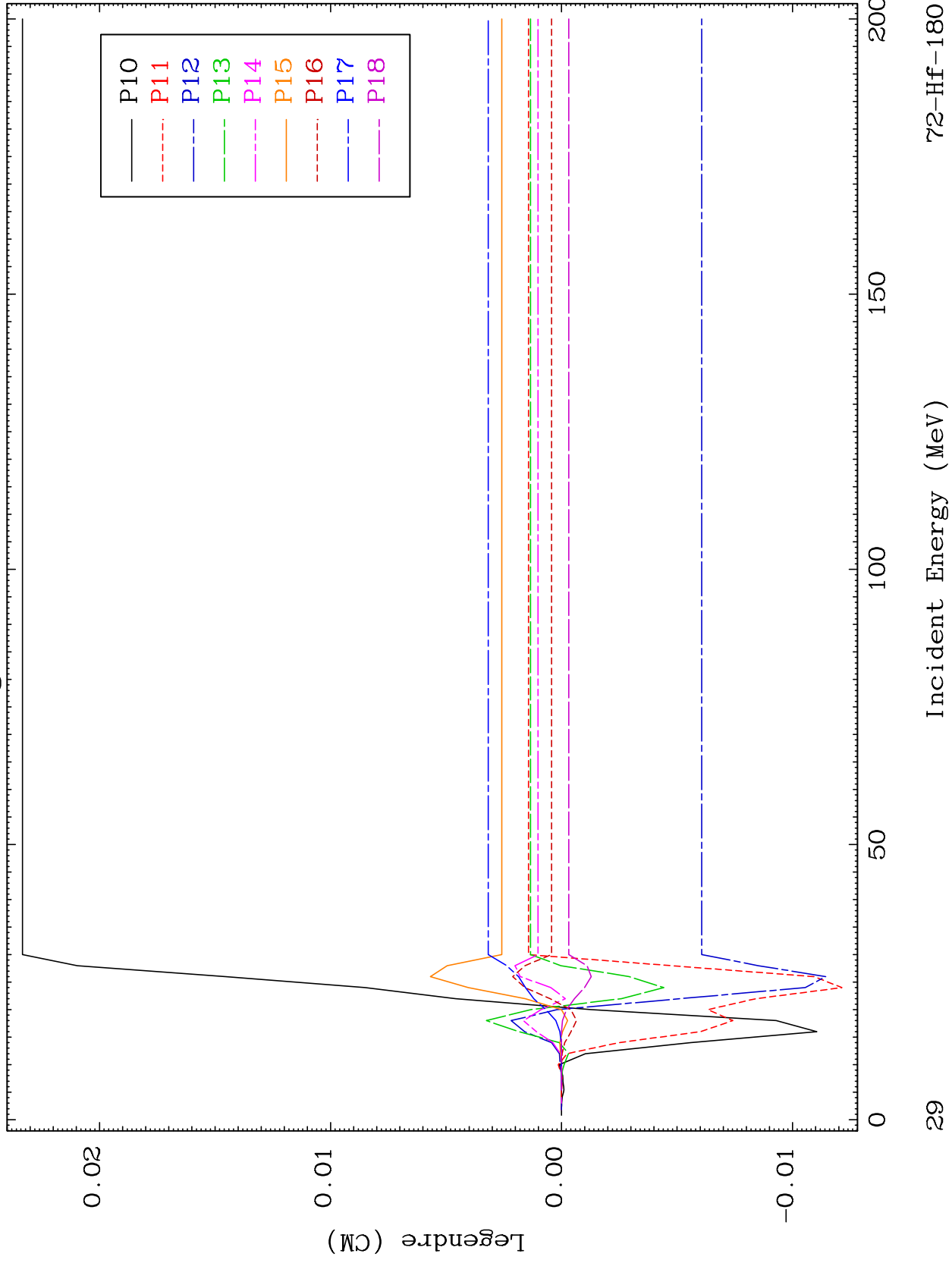
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

72-Hf-180



29

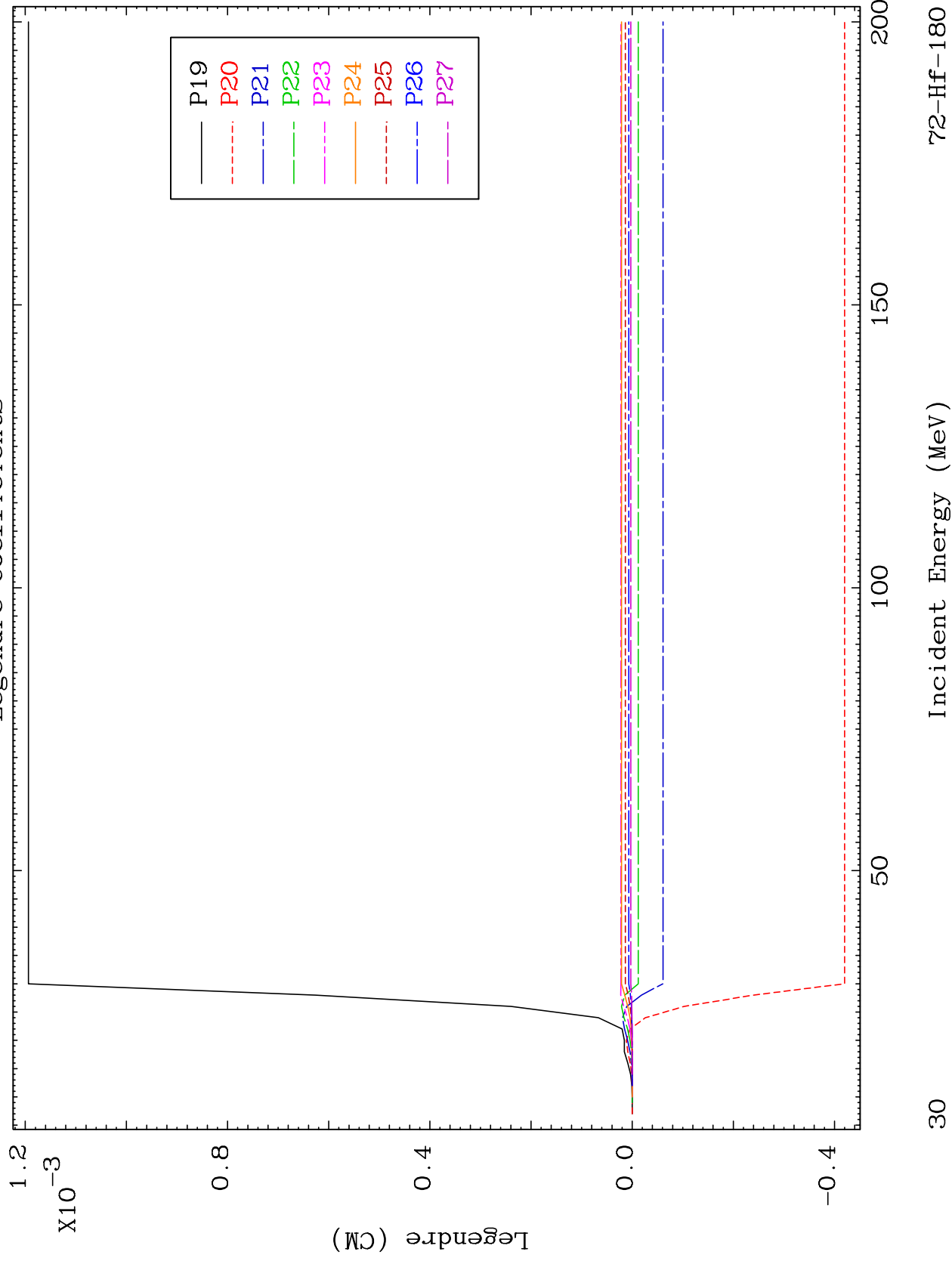
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

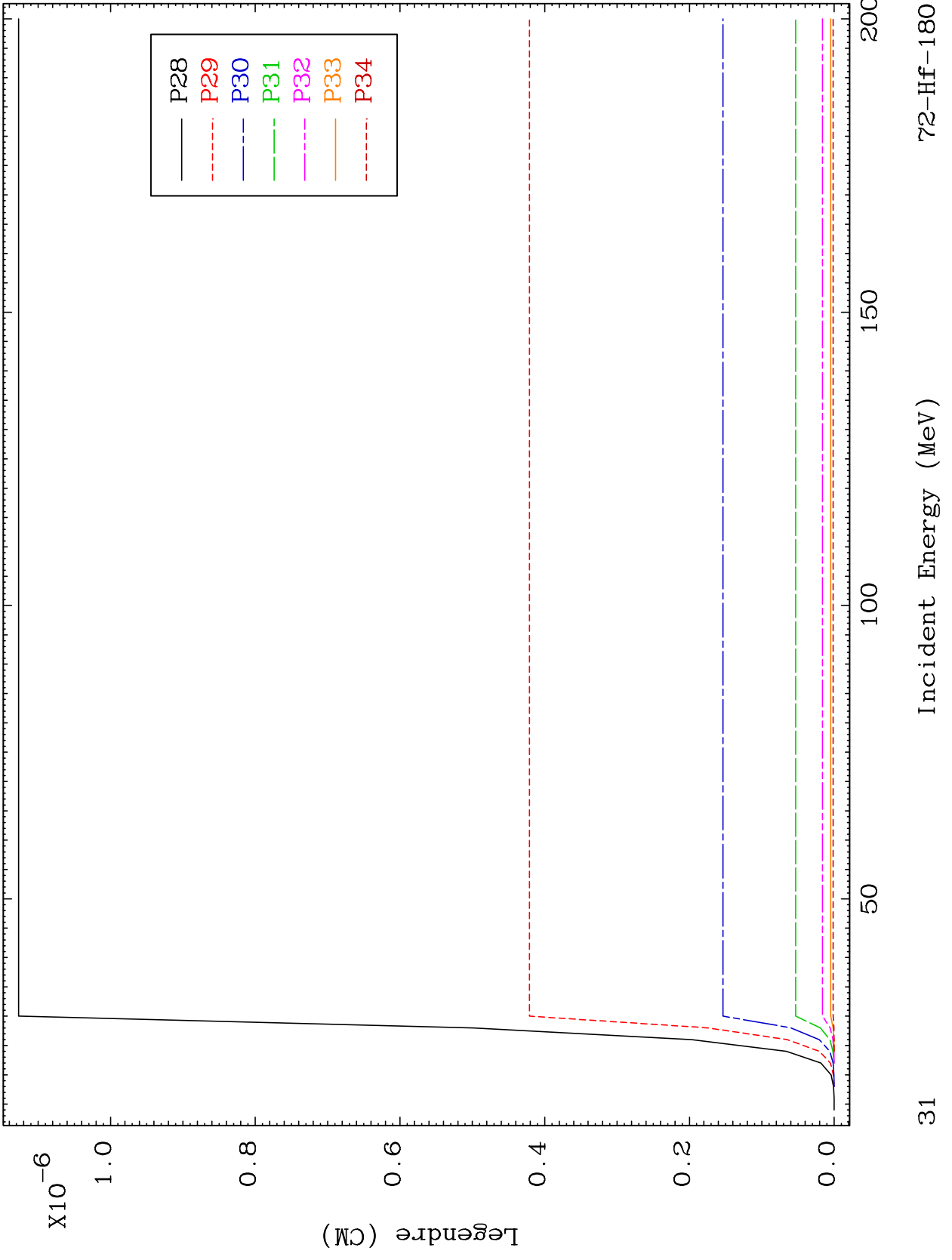
72-Hf-180



MAT 7243

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

72-Hf-180

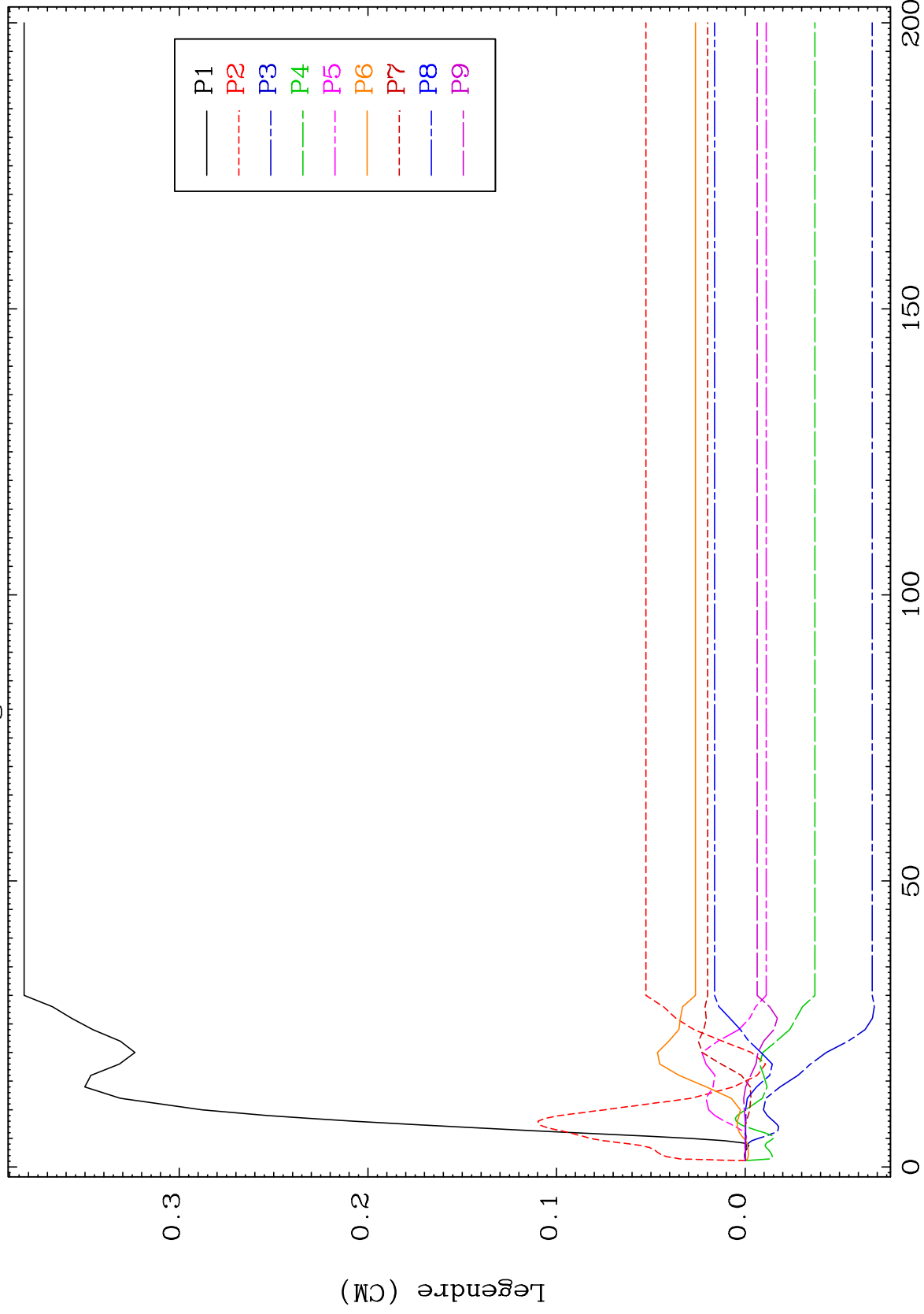


31

MAT 7243

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

72-Hf-180



32

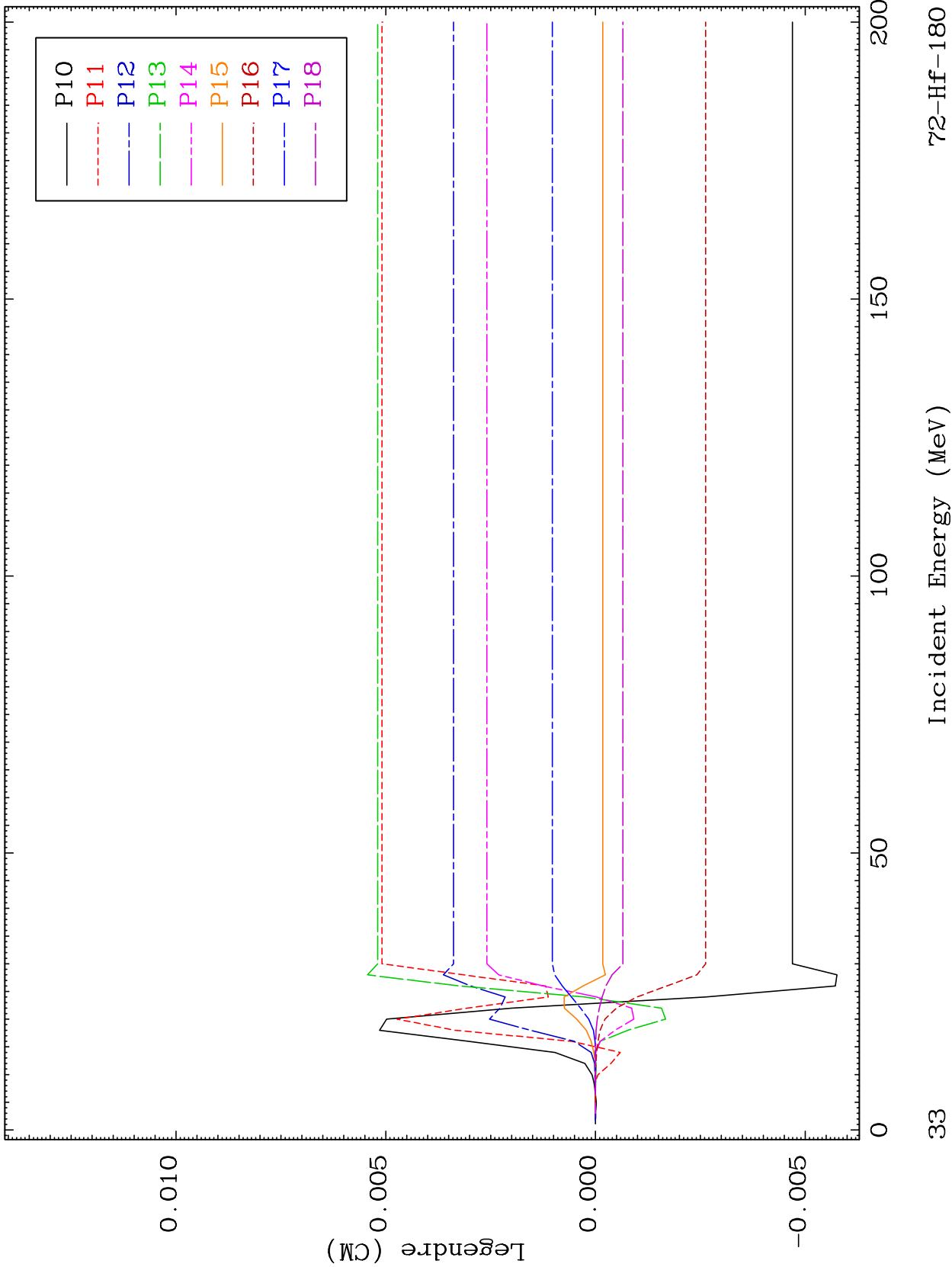
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

72-Hf-180



33

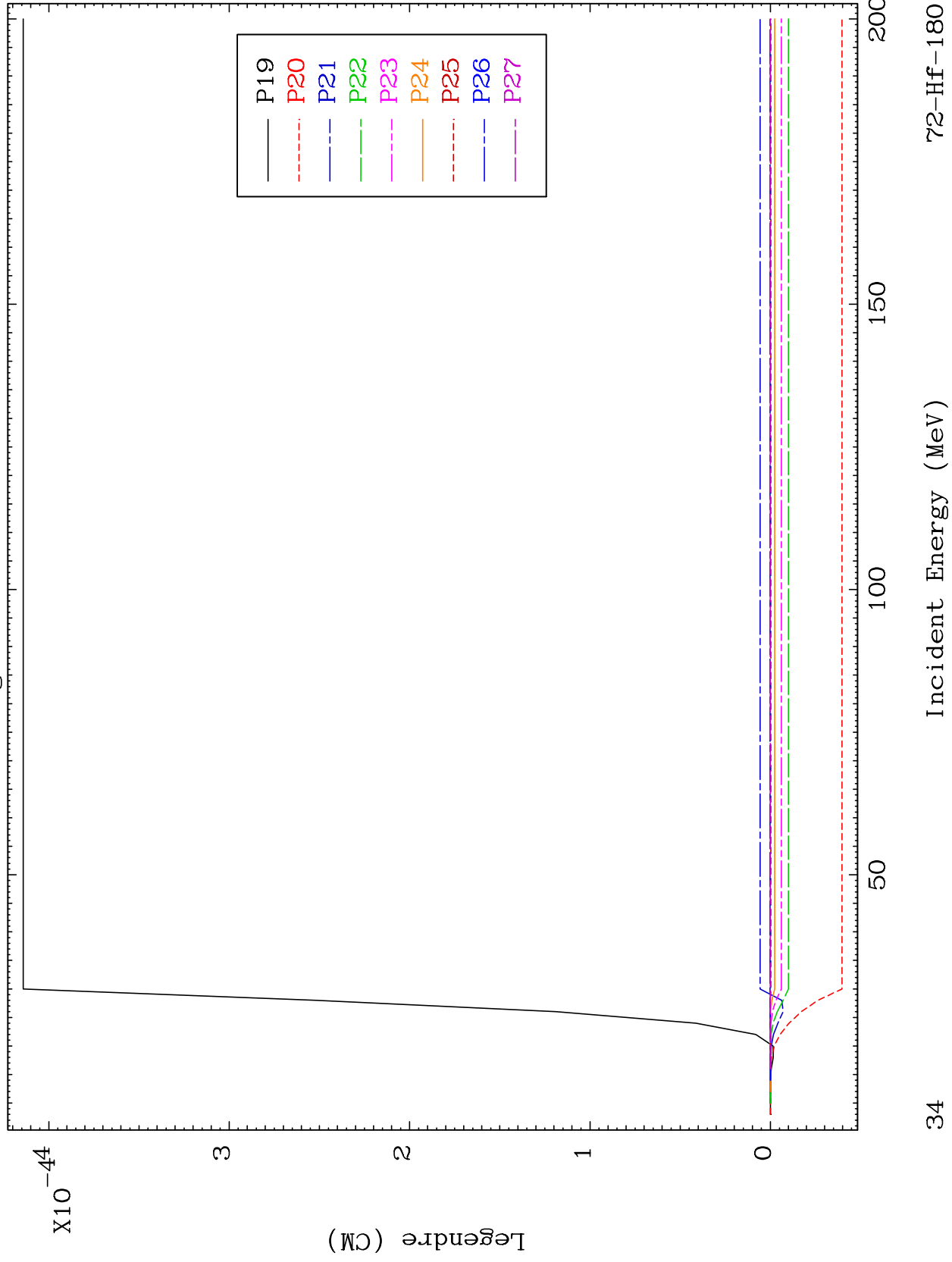
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

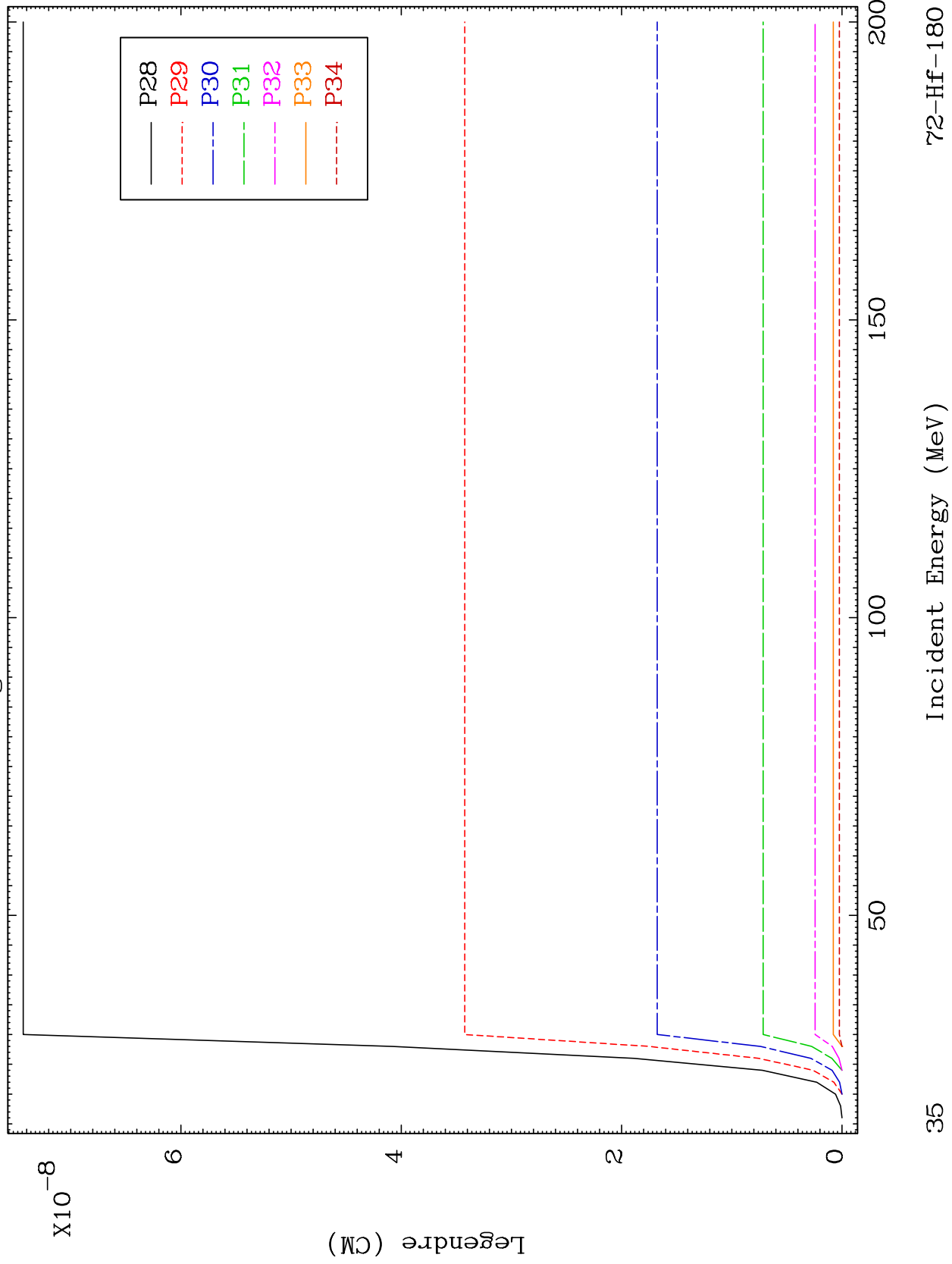
72-Hf-180



MAT 7243

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

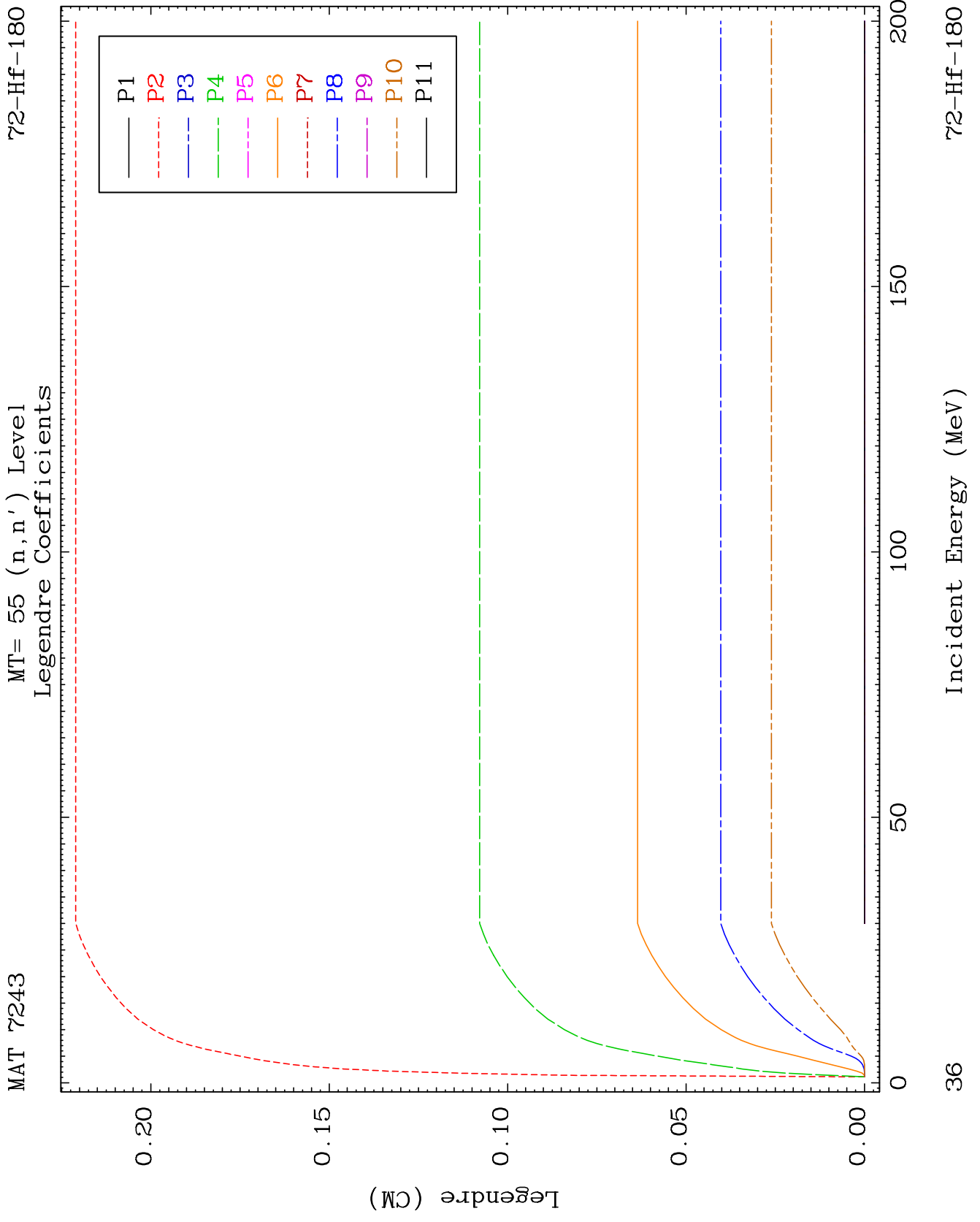
72-Hf-180



35

Incident Energy (MeV)

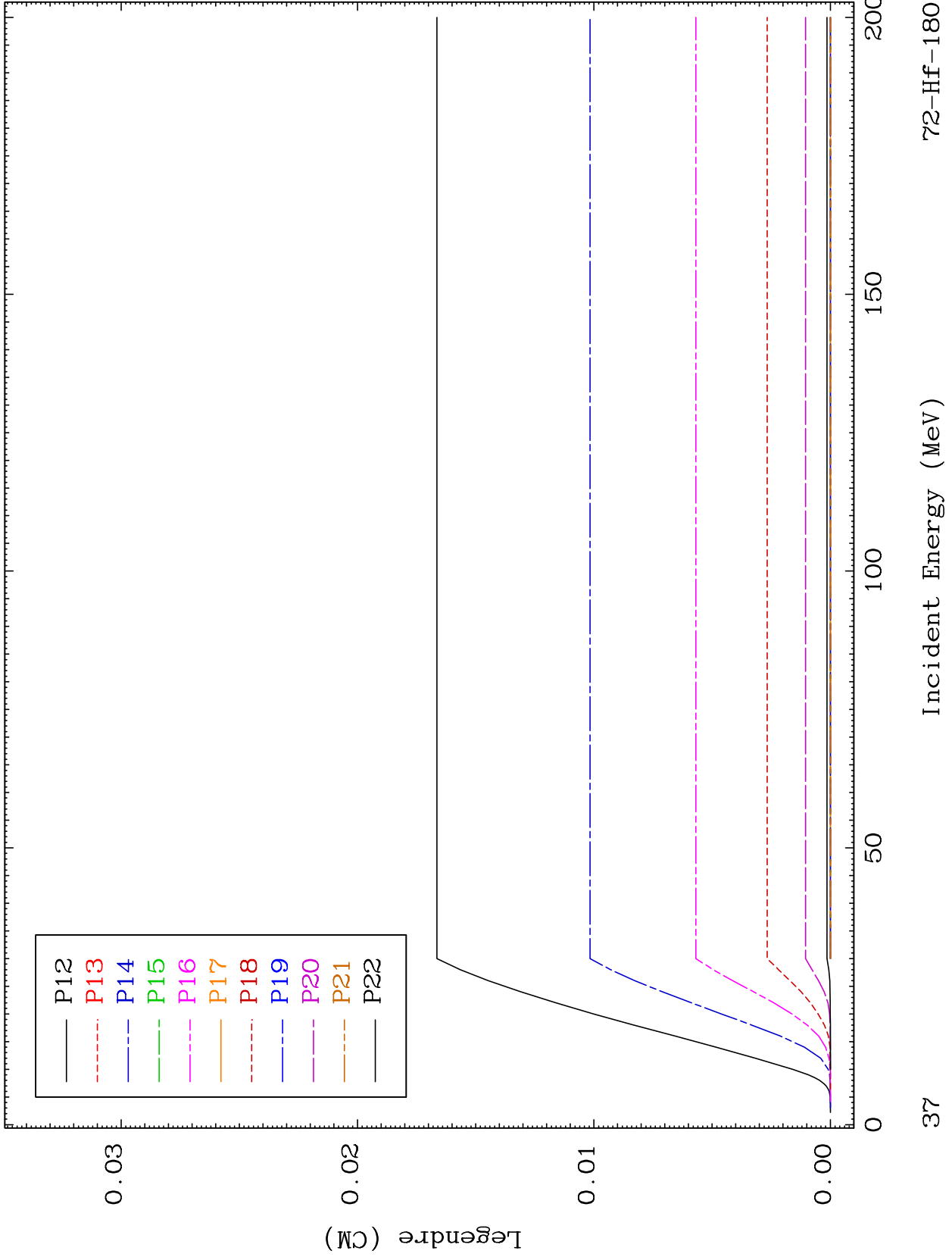
72-Hf-180



MAT 7243

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

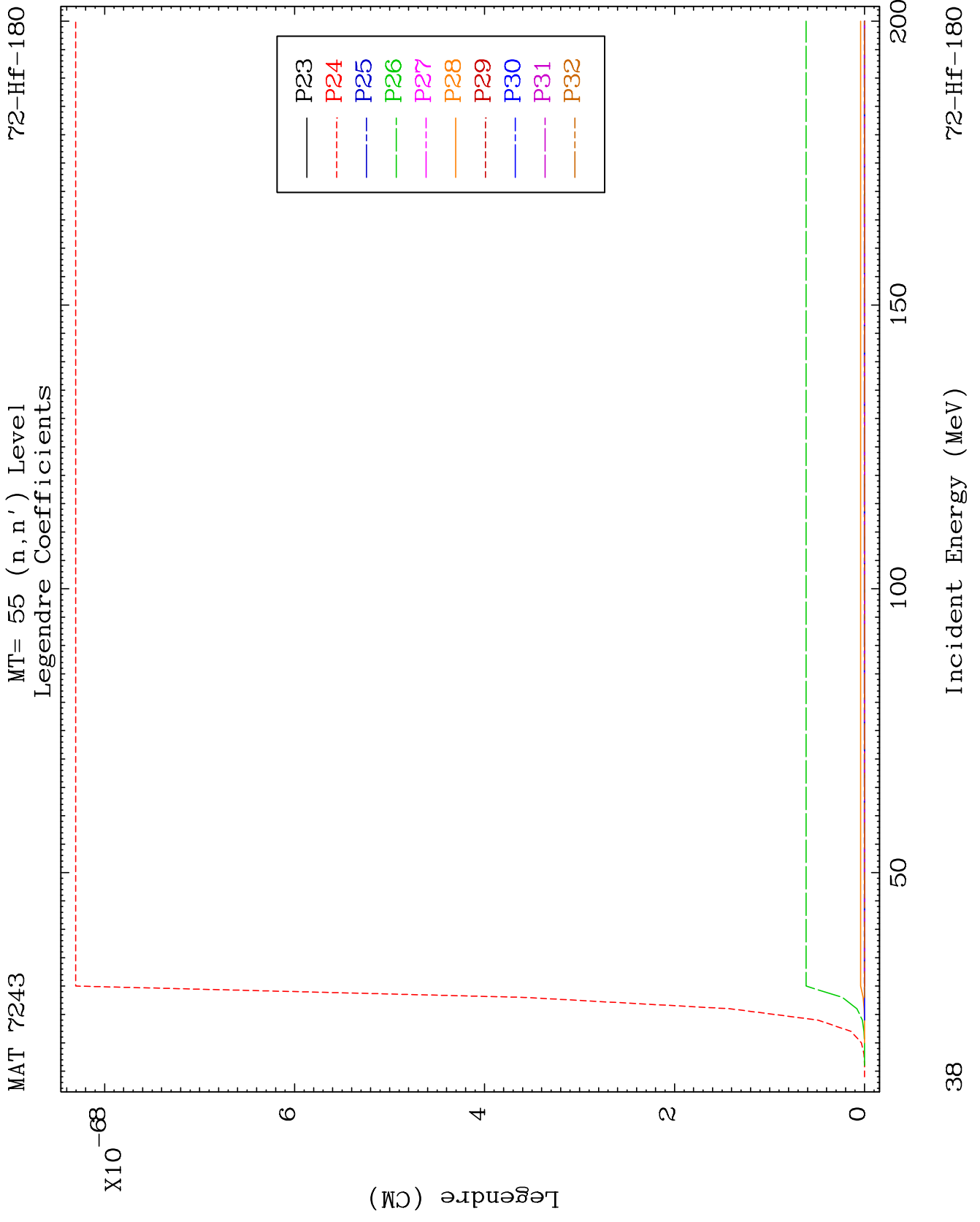
72-Hf-180



37

Incident Energy (MeV)

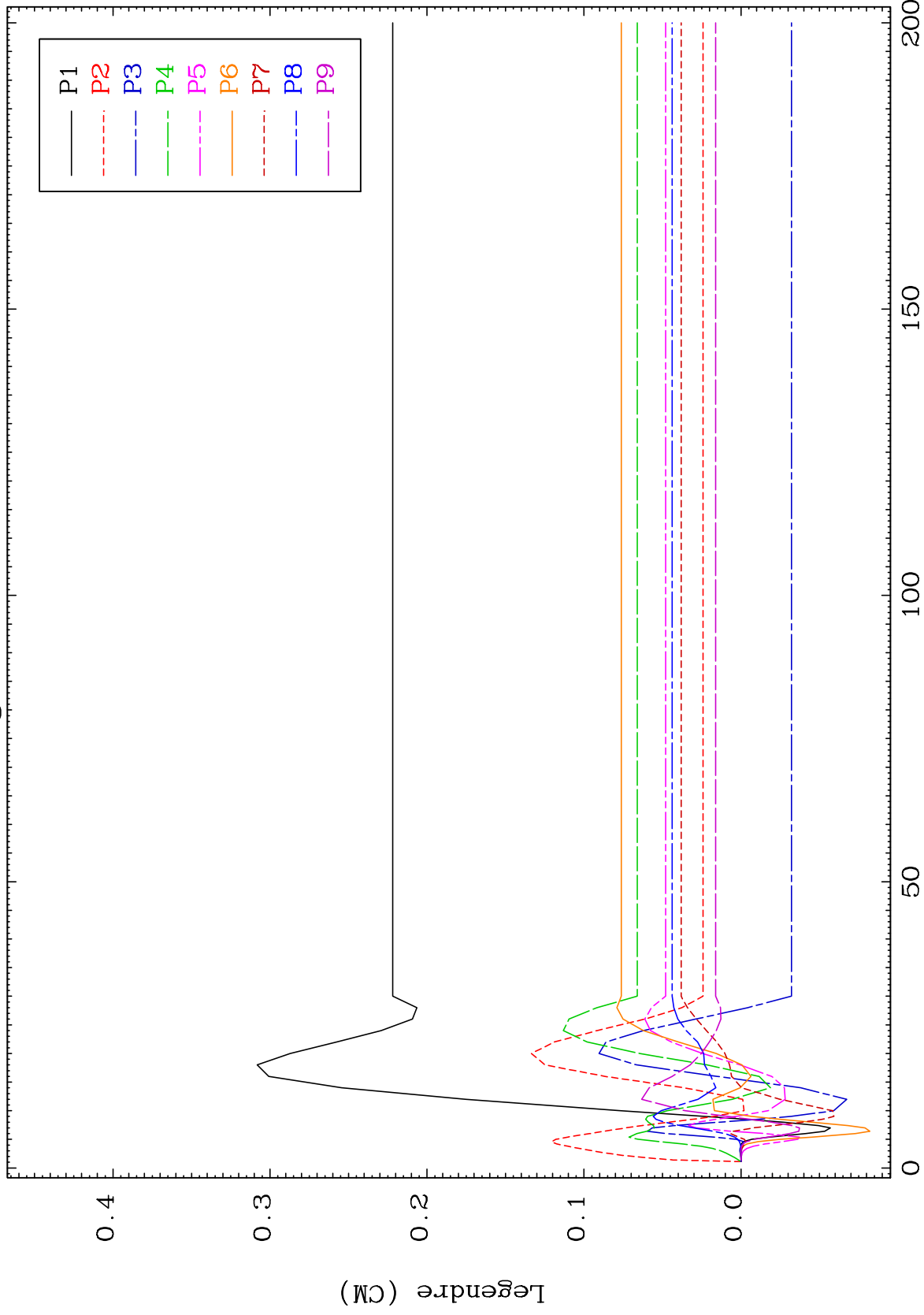
72-Hf-180



MAT 7243

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

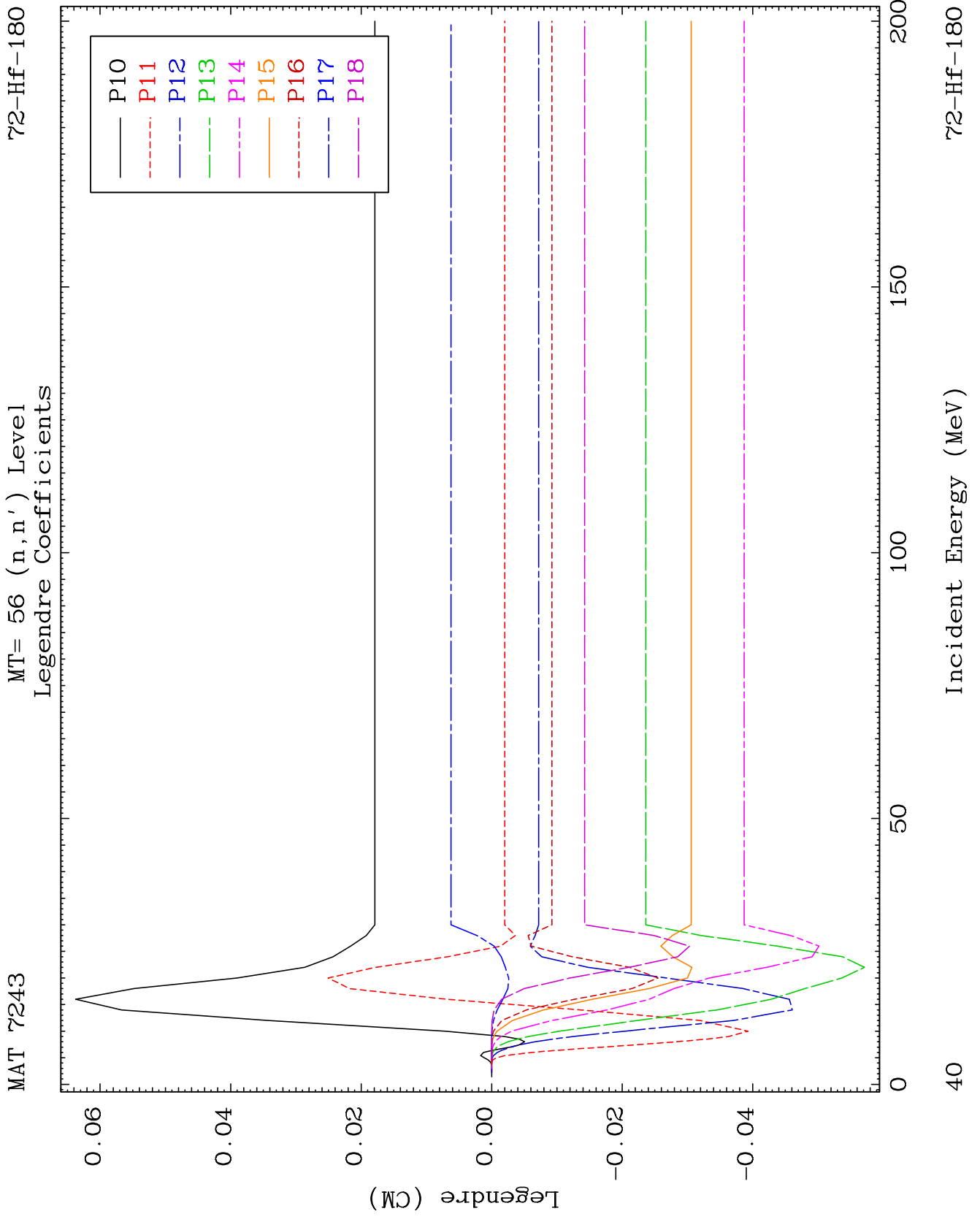
72-Hf-180



39

Incident Energy (MeV)

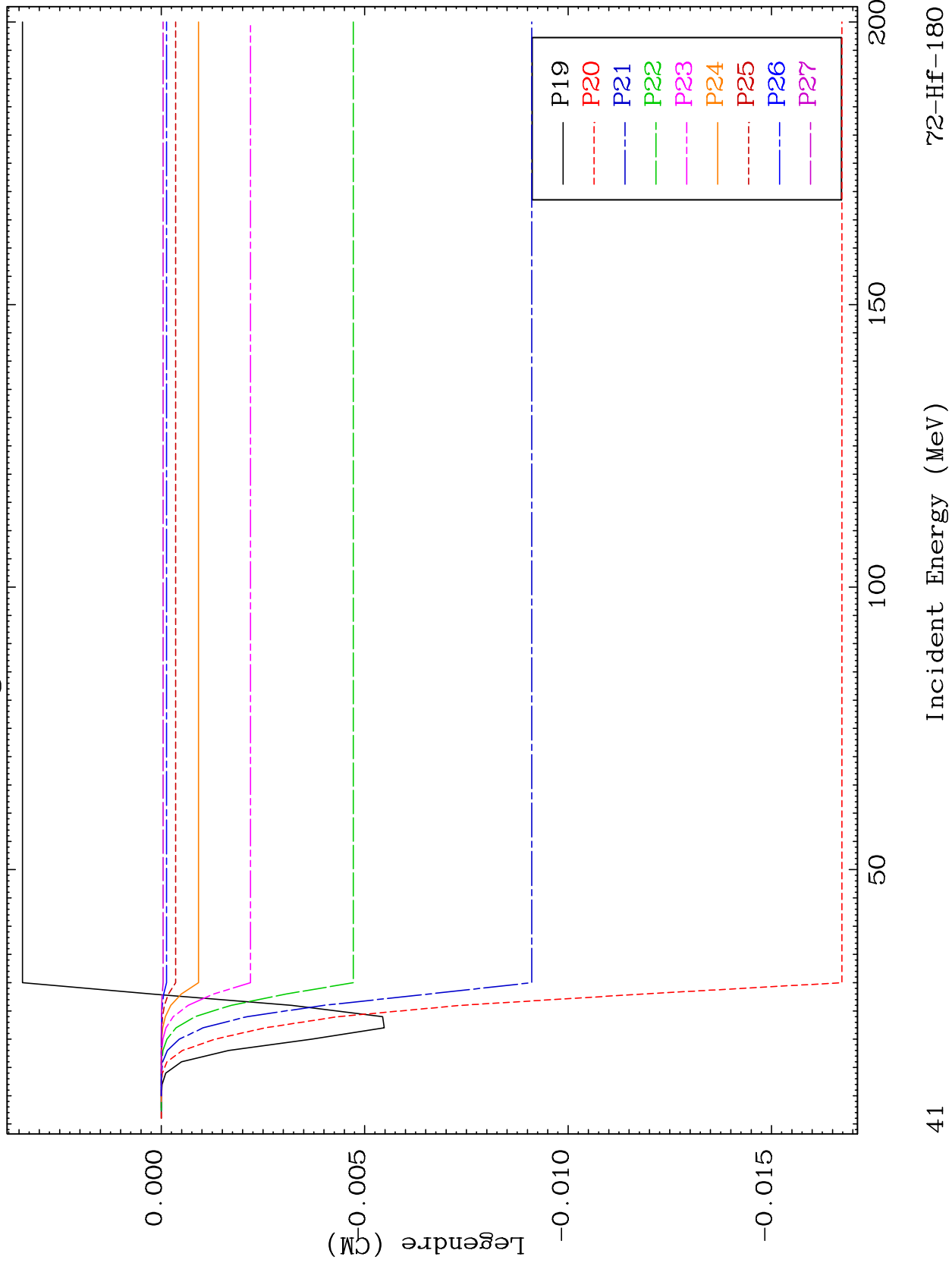
72-Hf-180



MAT 7243

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

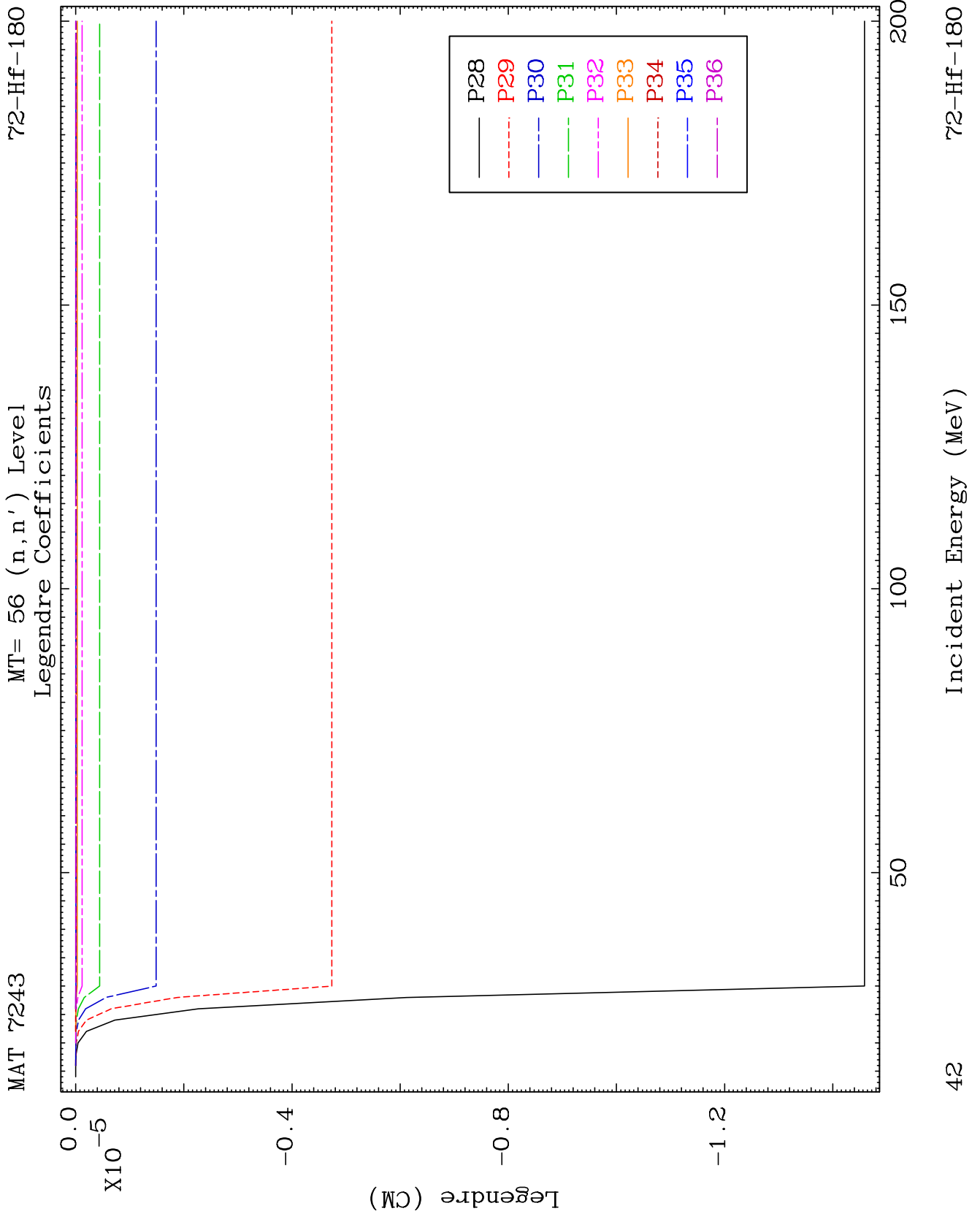
72-Hf-180



41

Incident Energy (MeV)

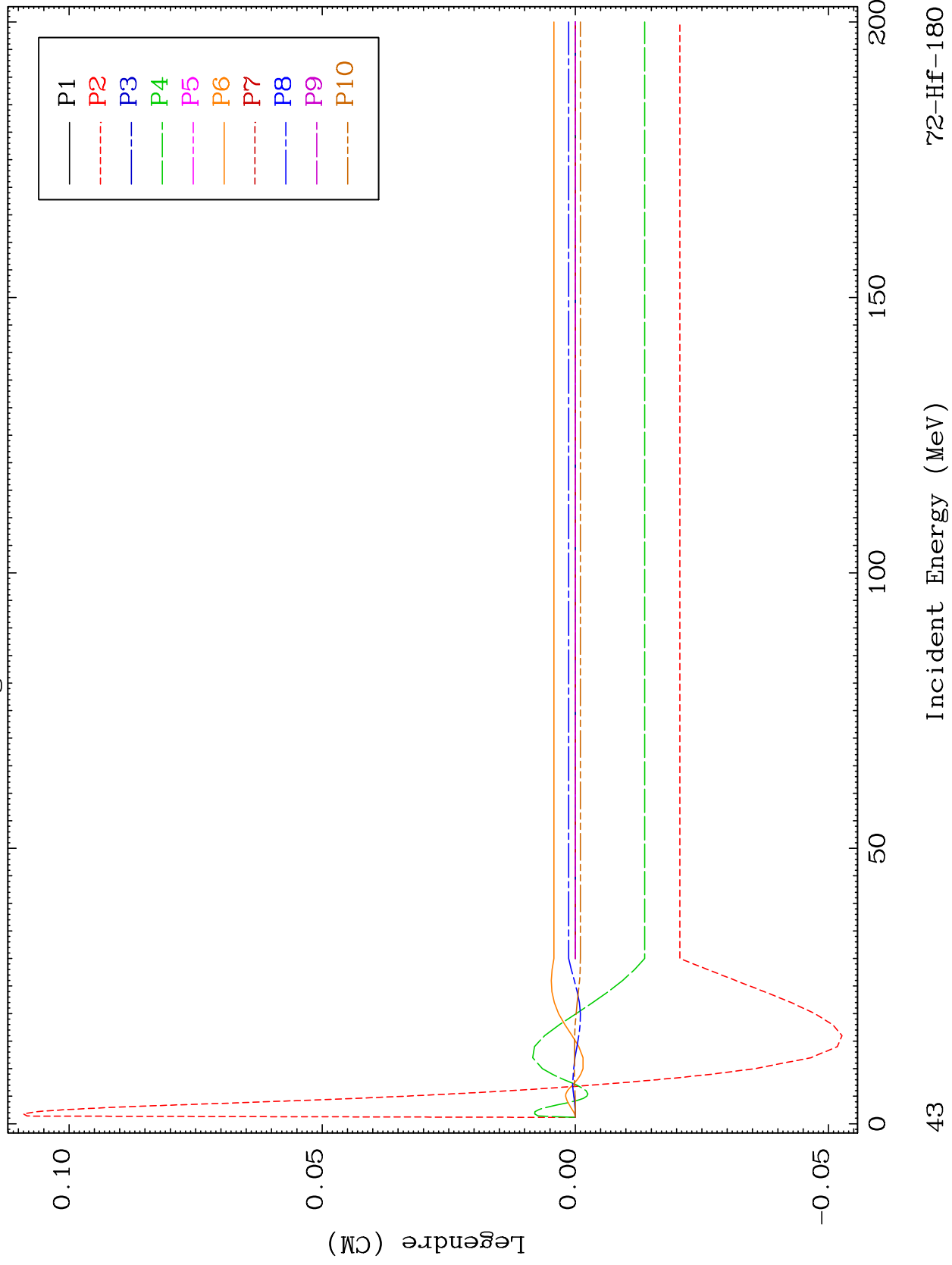
72-Hf-180



MAT 7243

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

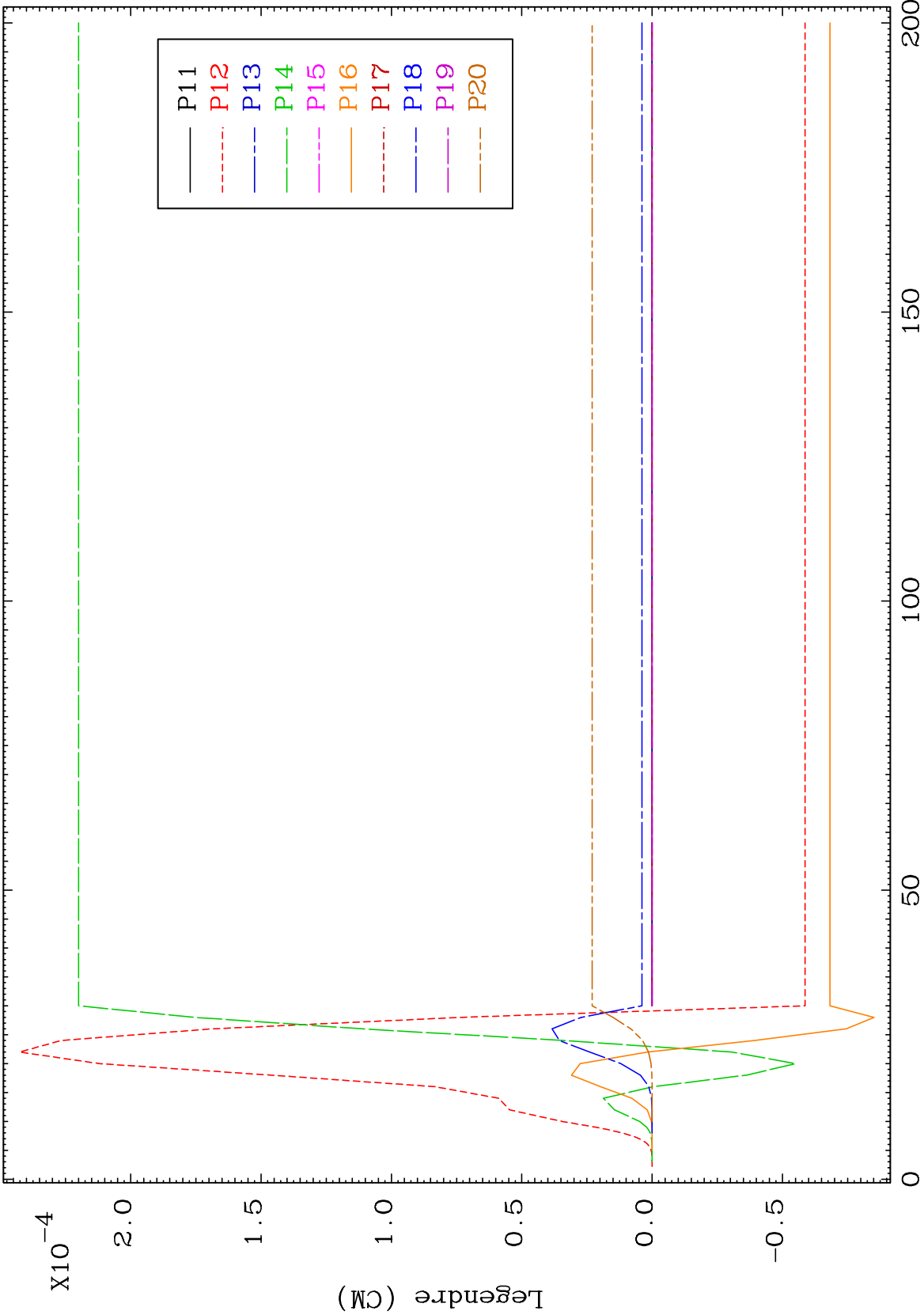
72-Hf-180



MAT 7243

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

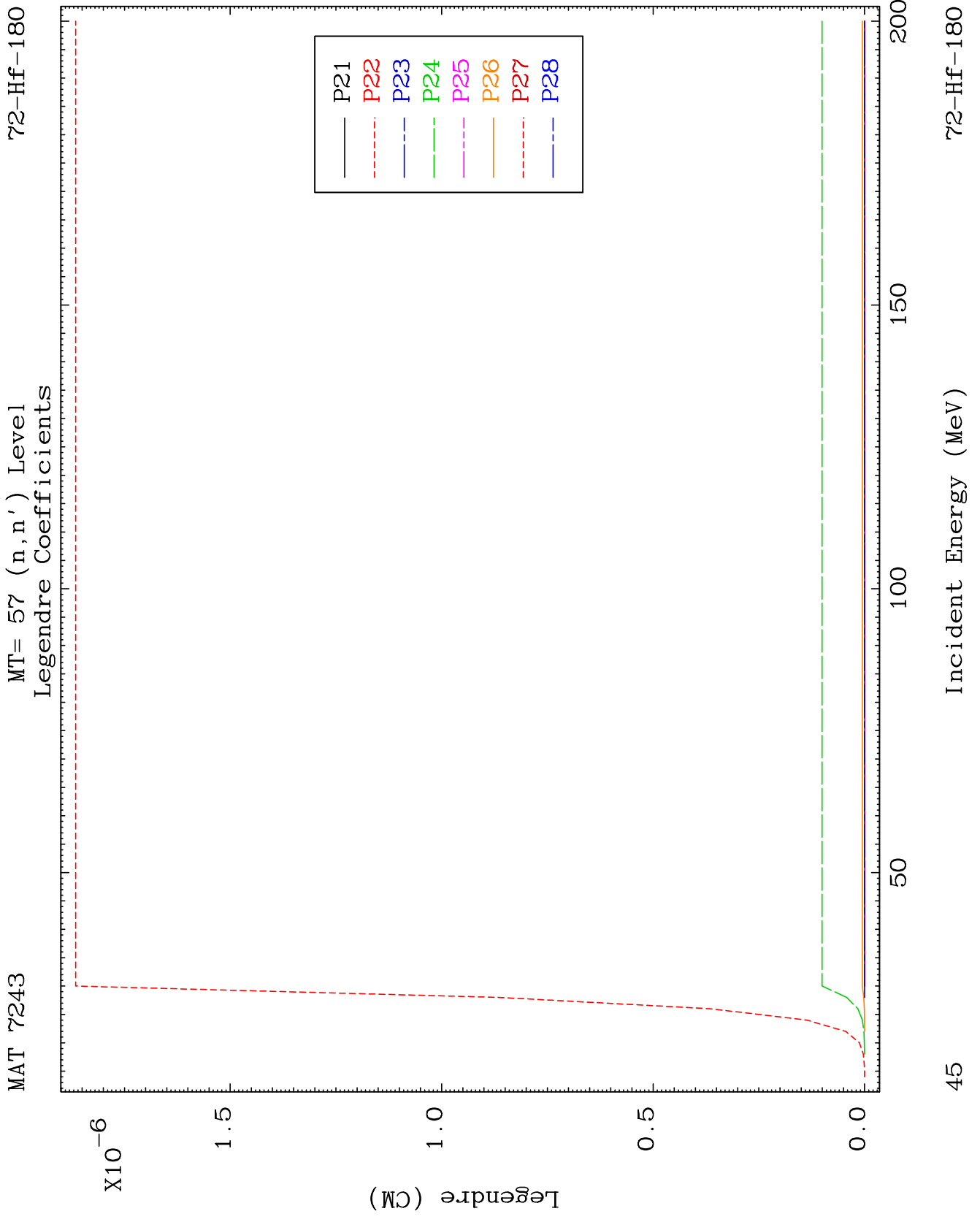
72-Hf-180

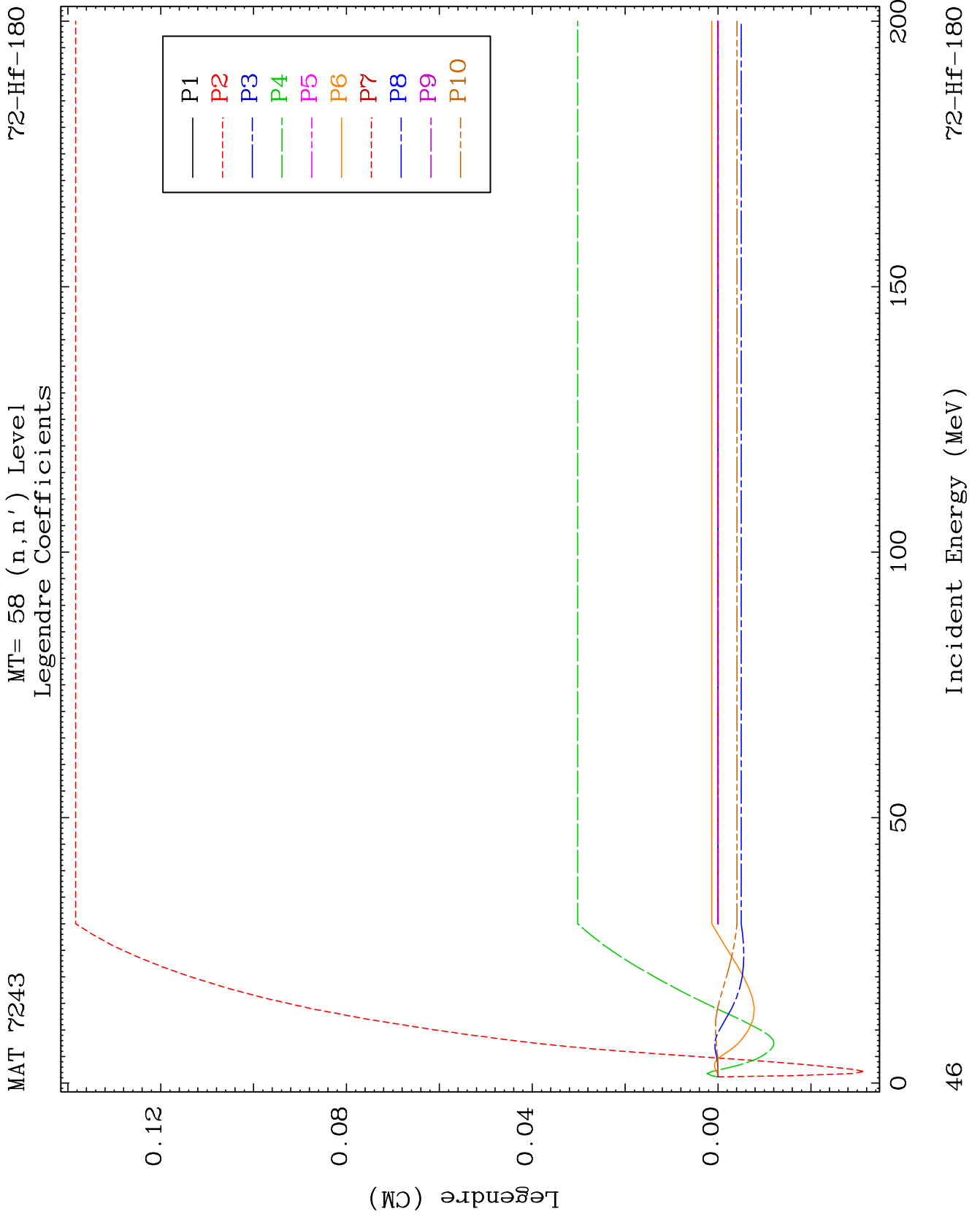


44

Incident Energy (MeV)

72-Hf-180

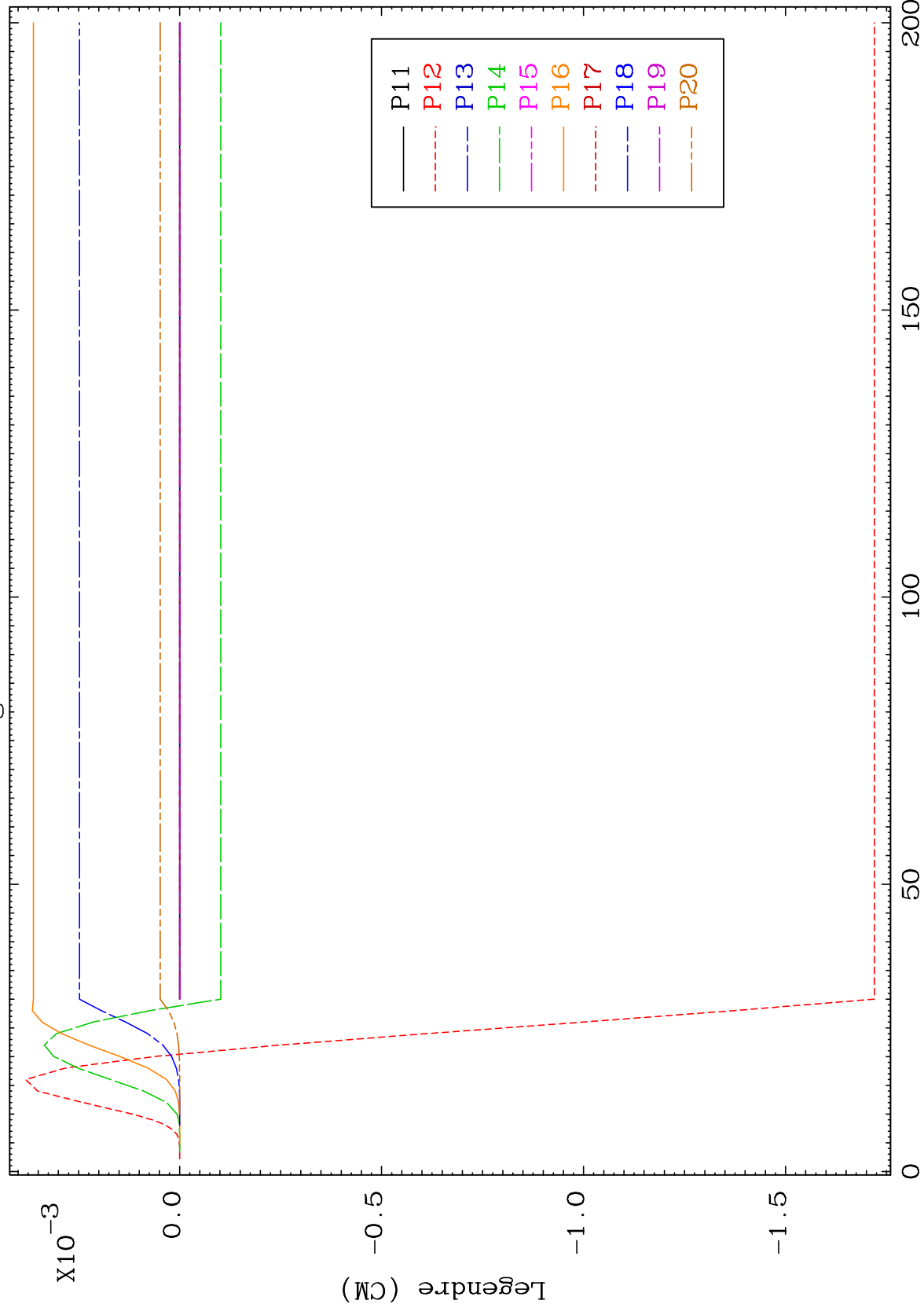




MAT 7243

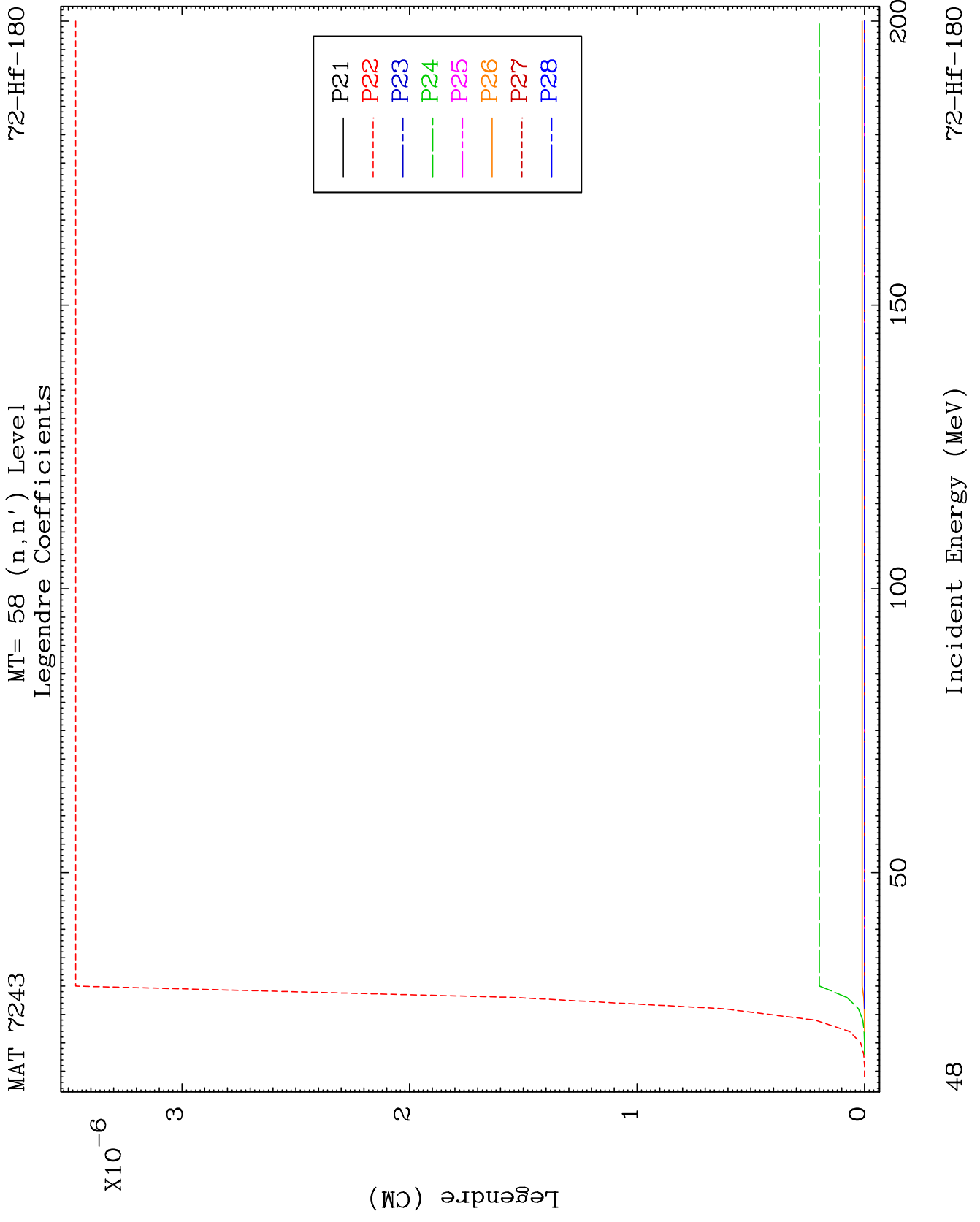
MT= 58 (n,n') Level
Legendre Coefficients

72-Hf-180



47

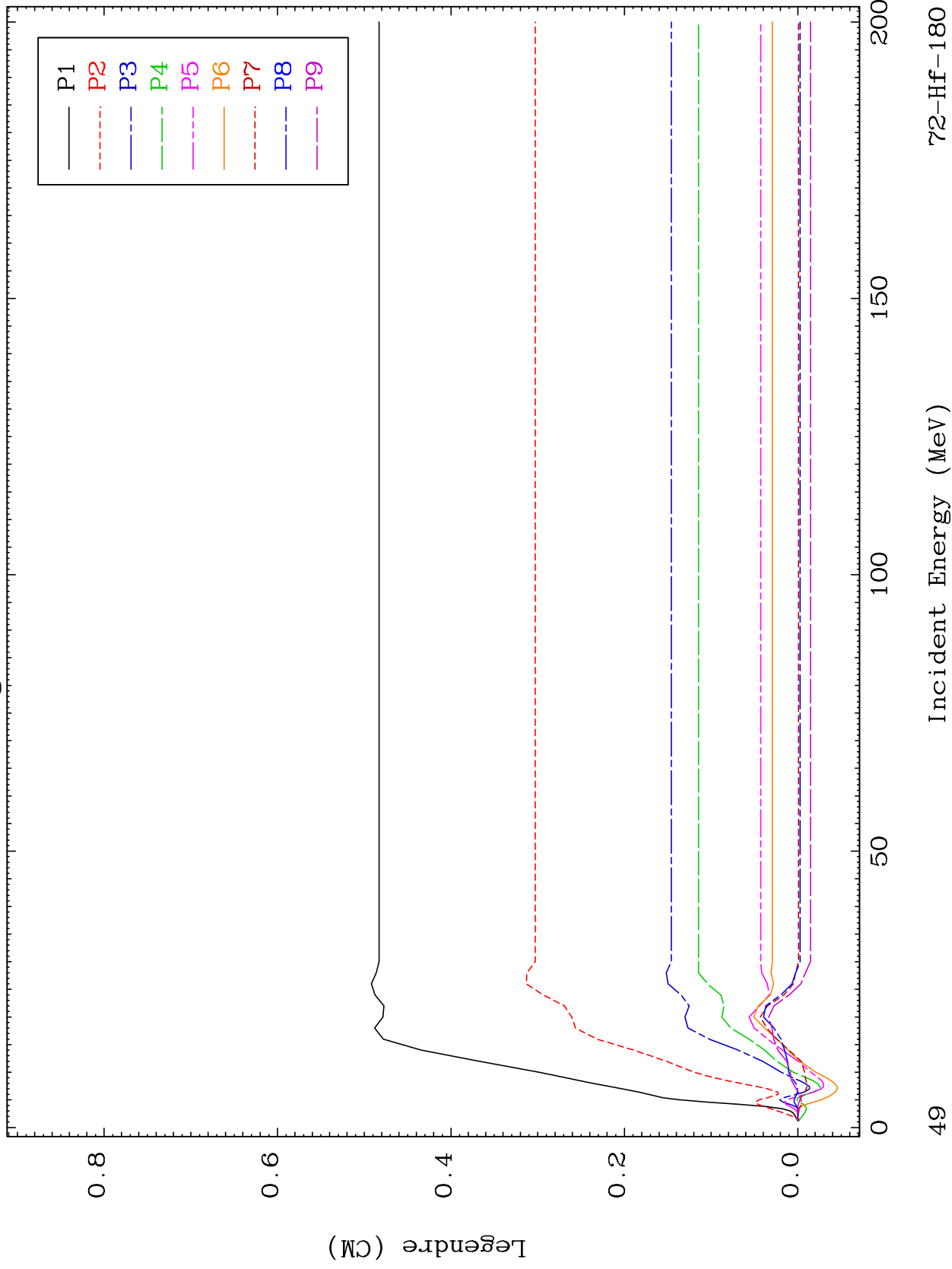
72-Hf-180



MAT 7243

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

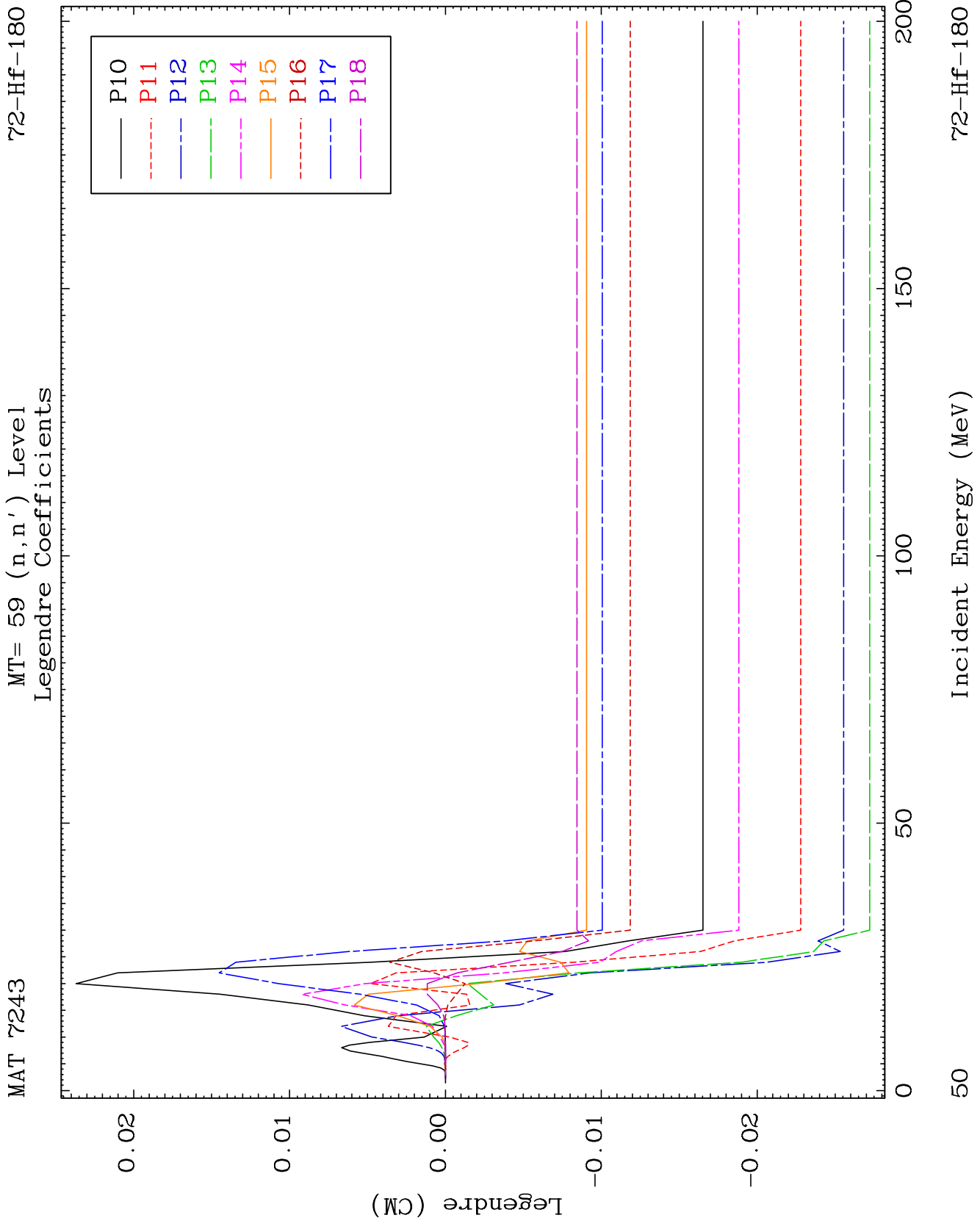
72-Hf-180

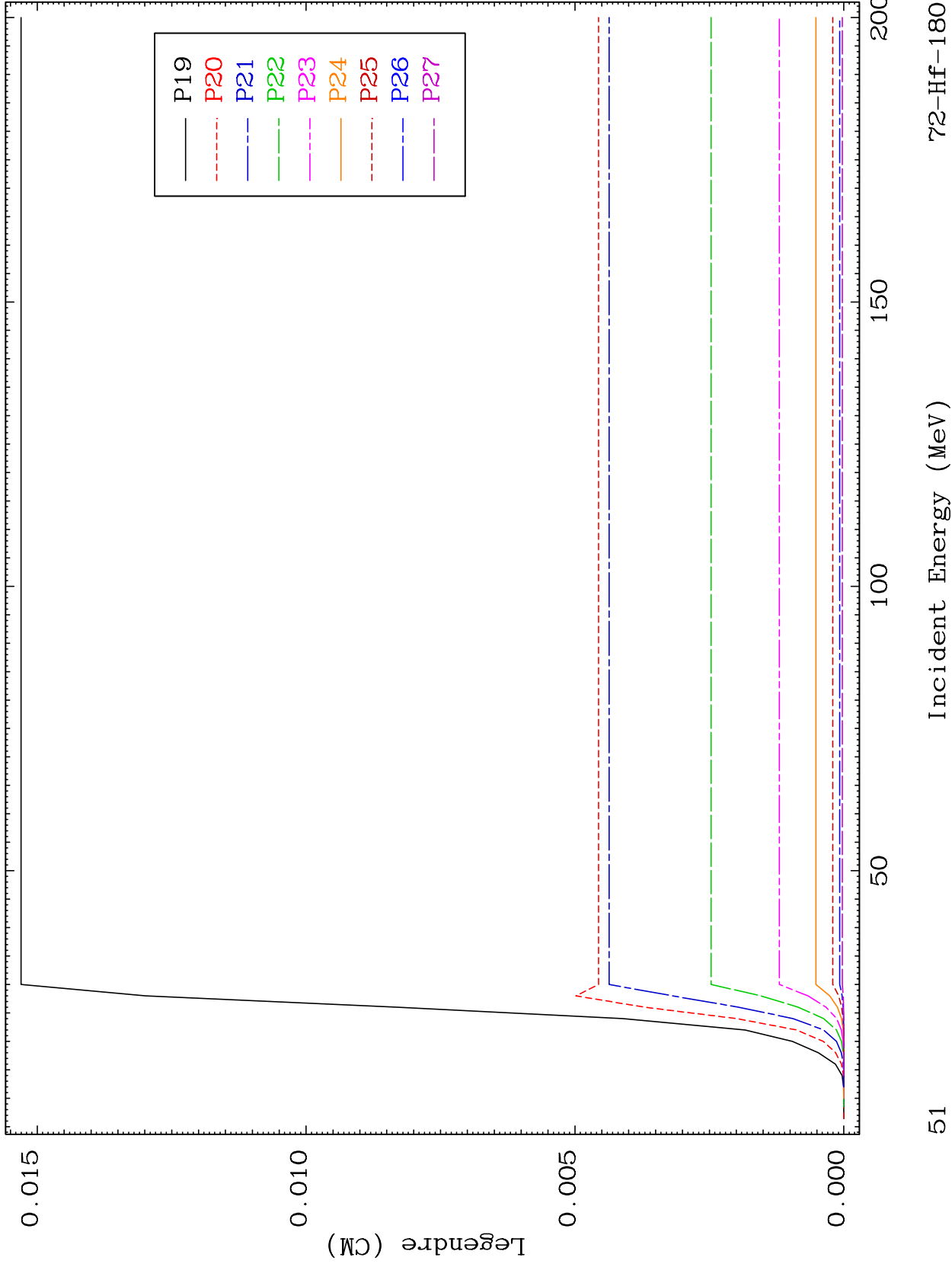


49

Incident Energy (MeV)

72-Hf-180

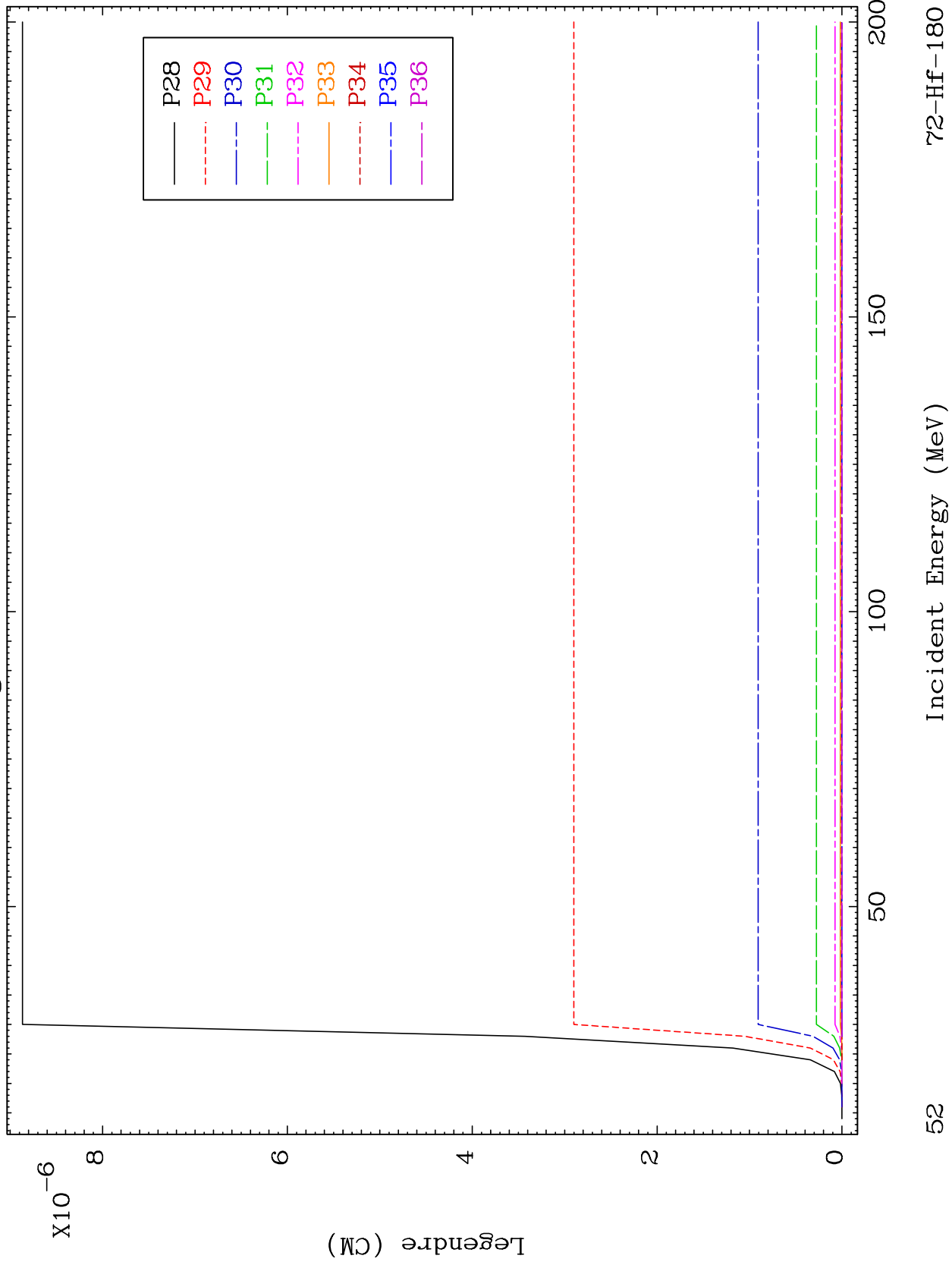




MAT 7243

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

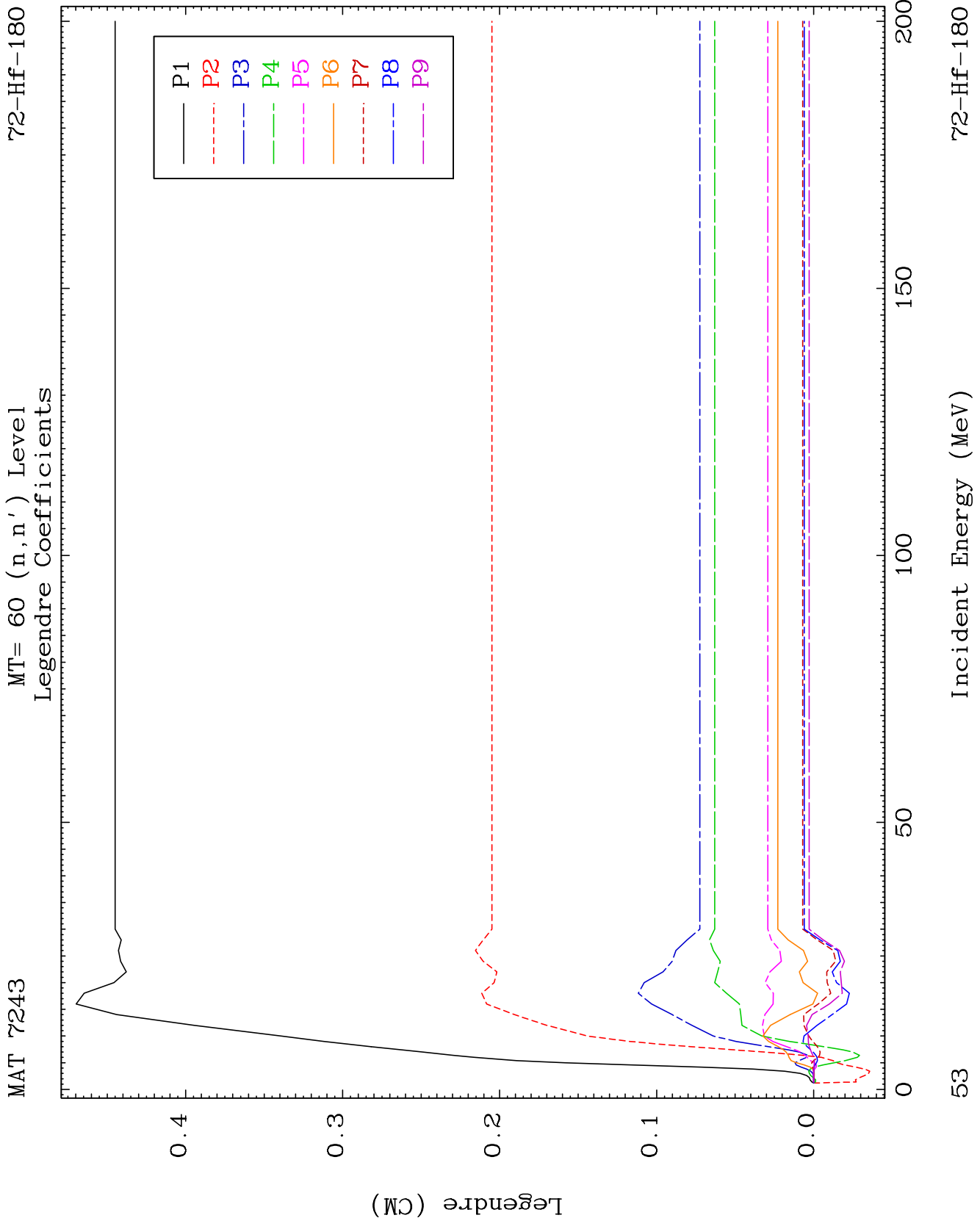
72-Hf-180



52

Incident Energy (MeV)

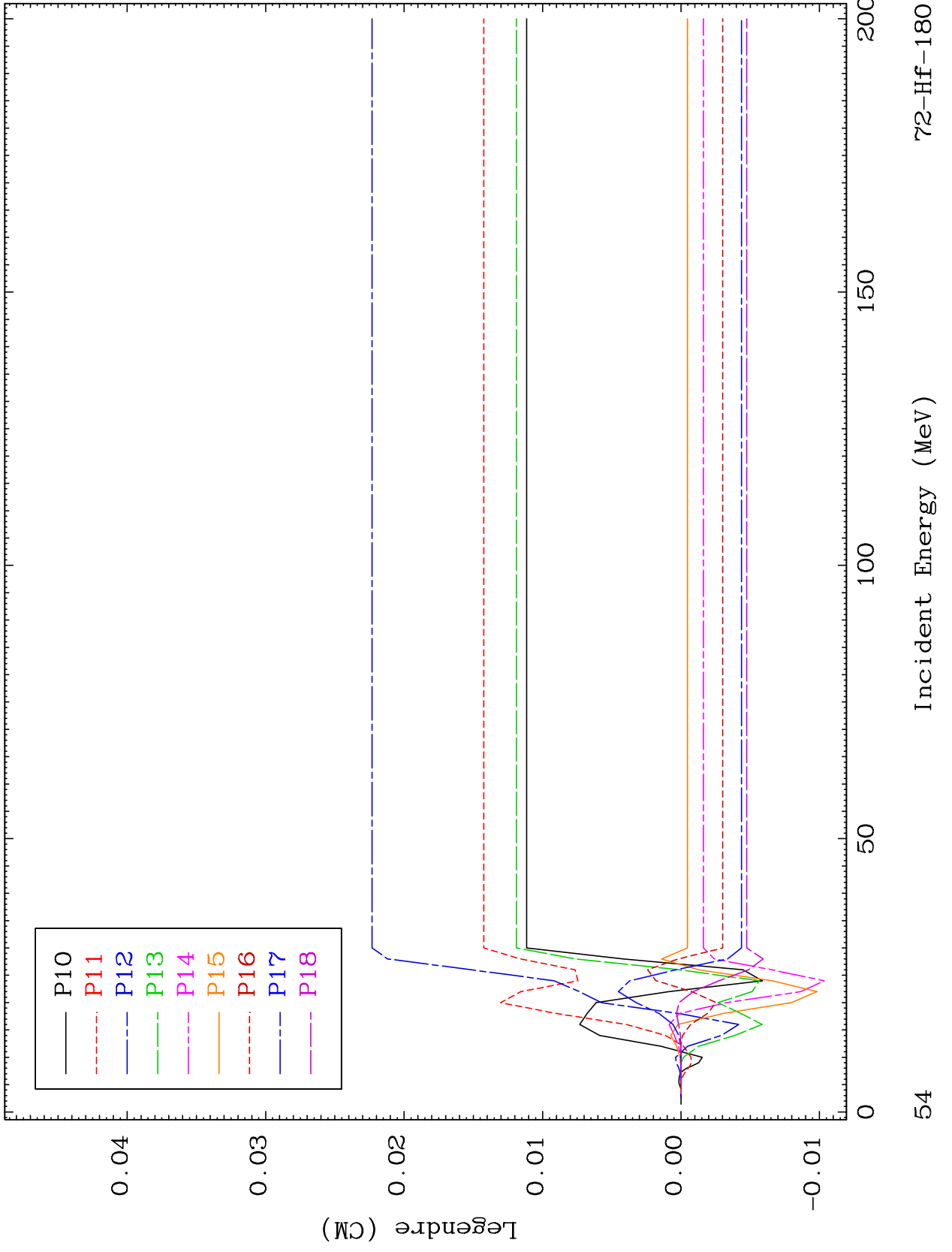
72-Hf-180



MAT 7243

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

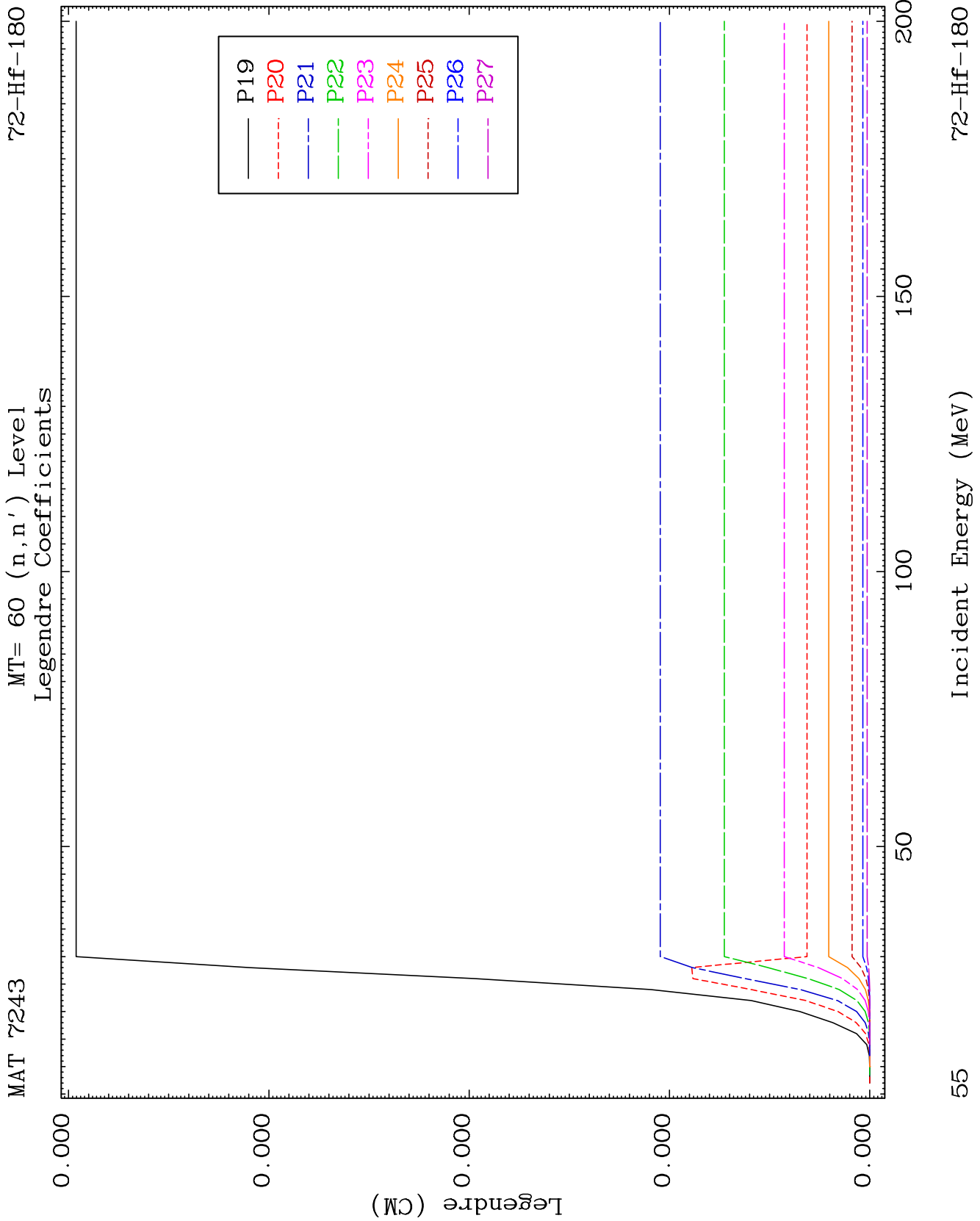
72-Hf-180



54

Incident Energy (MeV)

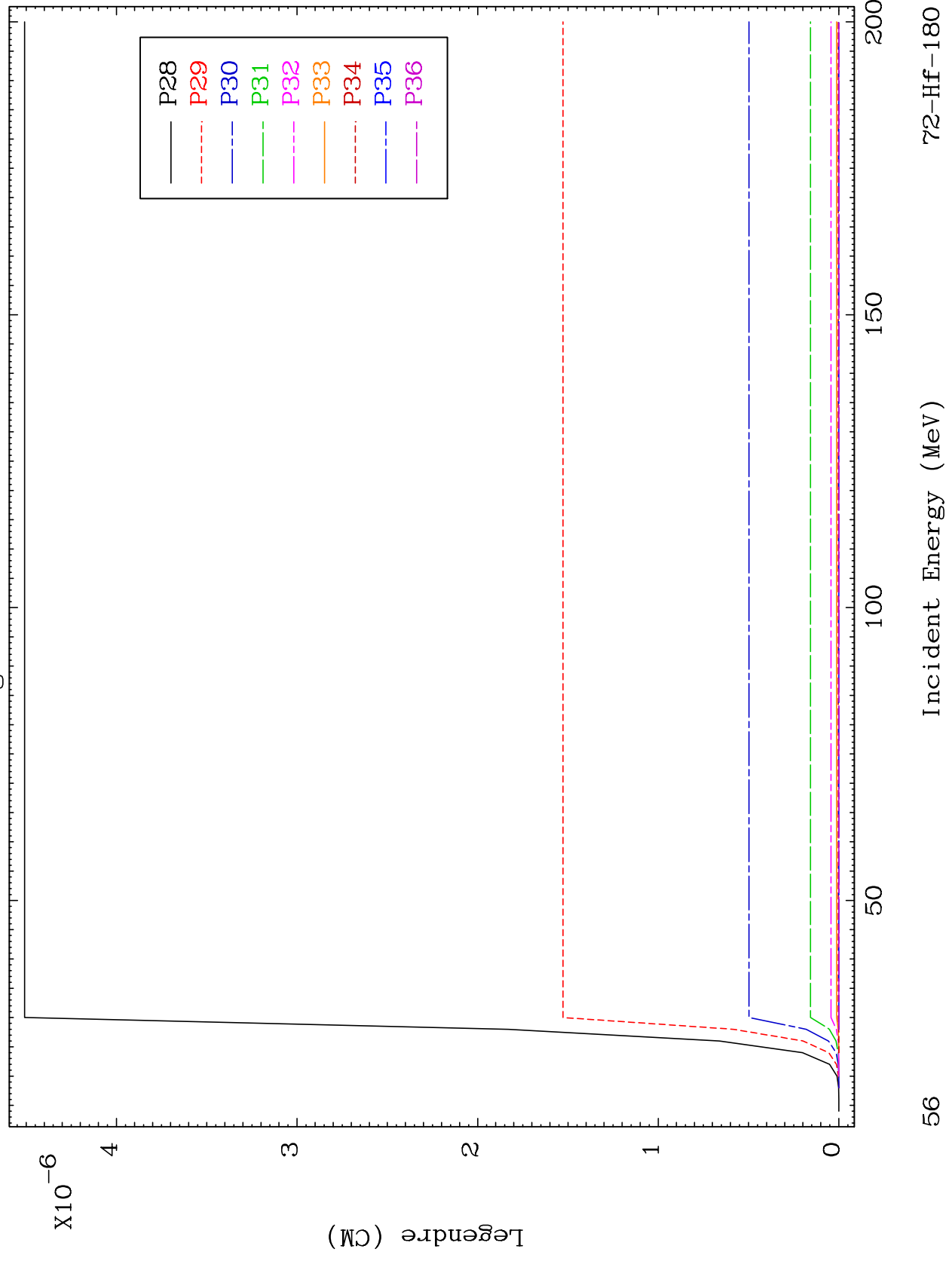
72-Hf-180



MAT 7243

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

72-Hf-180



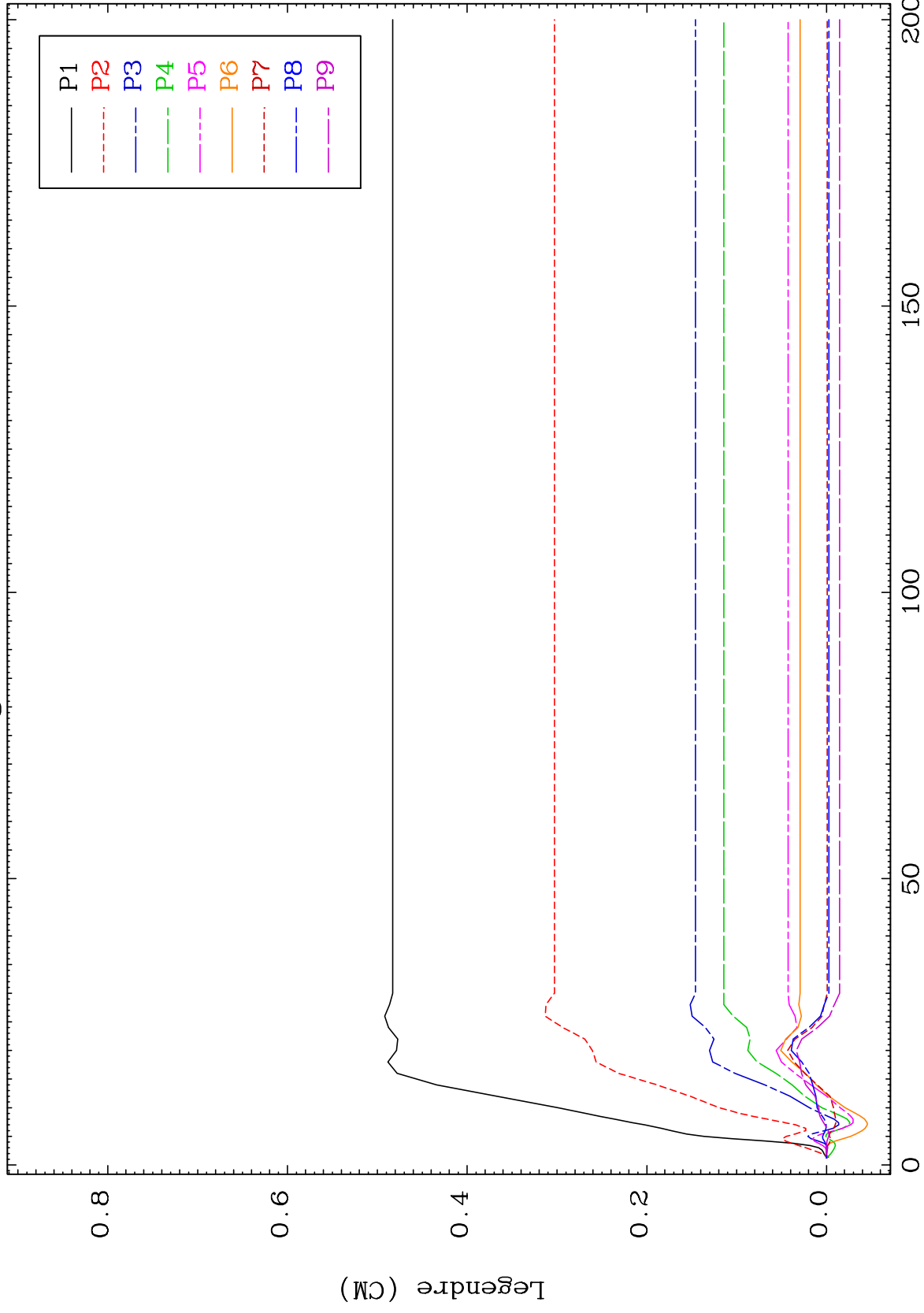
56

72-Hf-180

MAT 7243

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

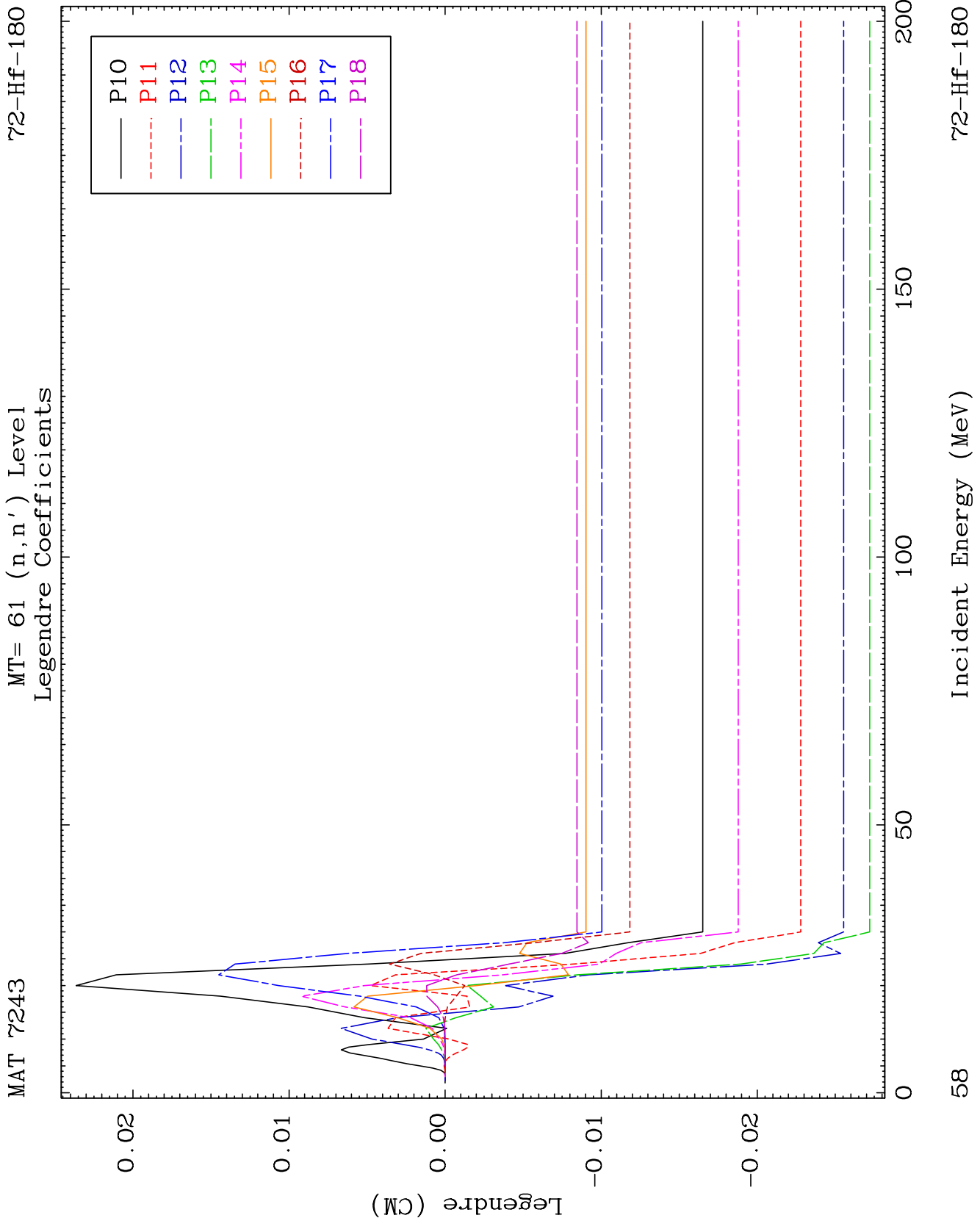
72-Hf-180



72-Hf-180

Incident Energy (MeV)

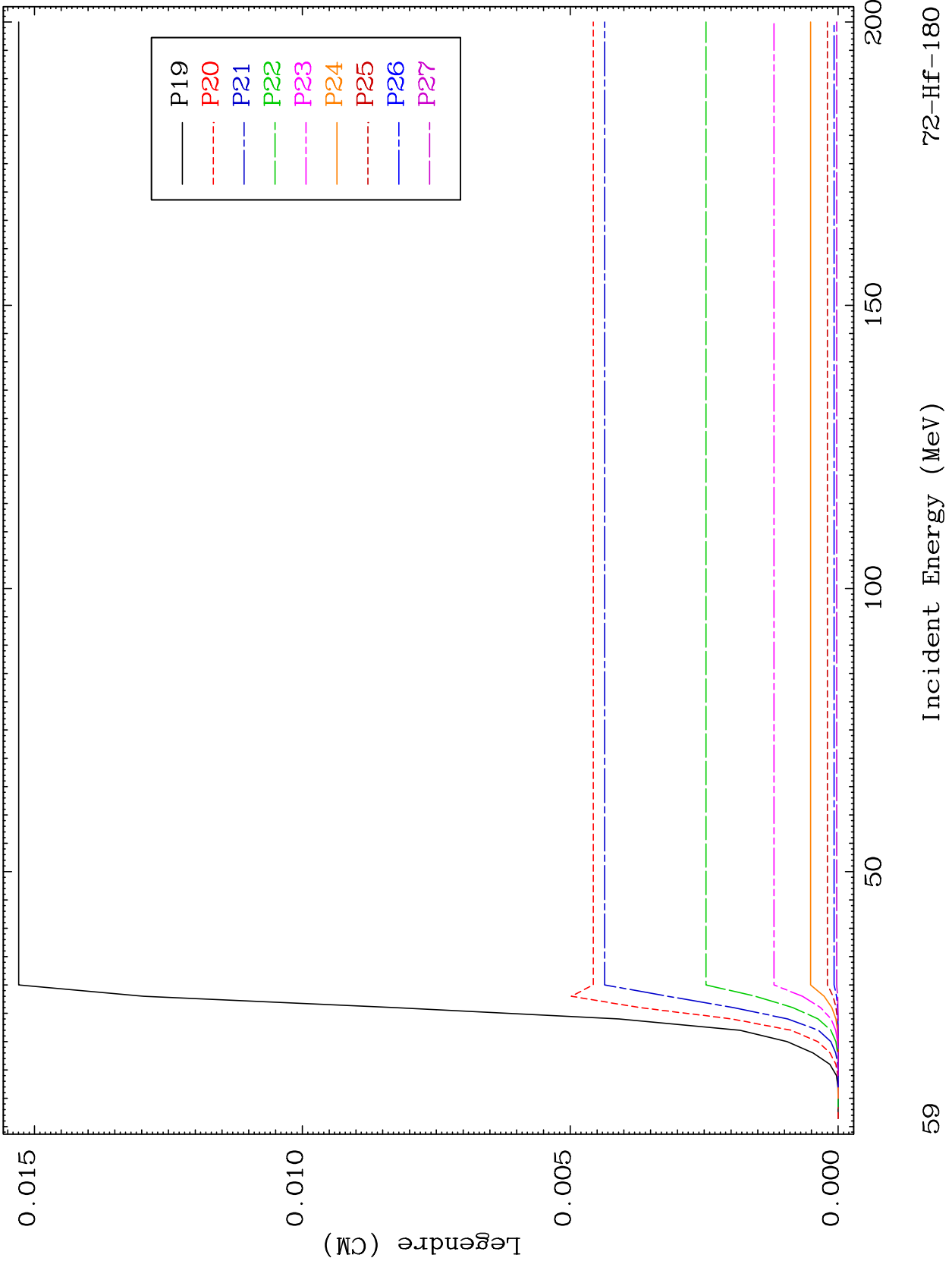
57



MAT 7243

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

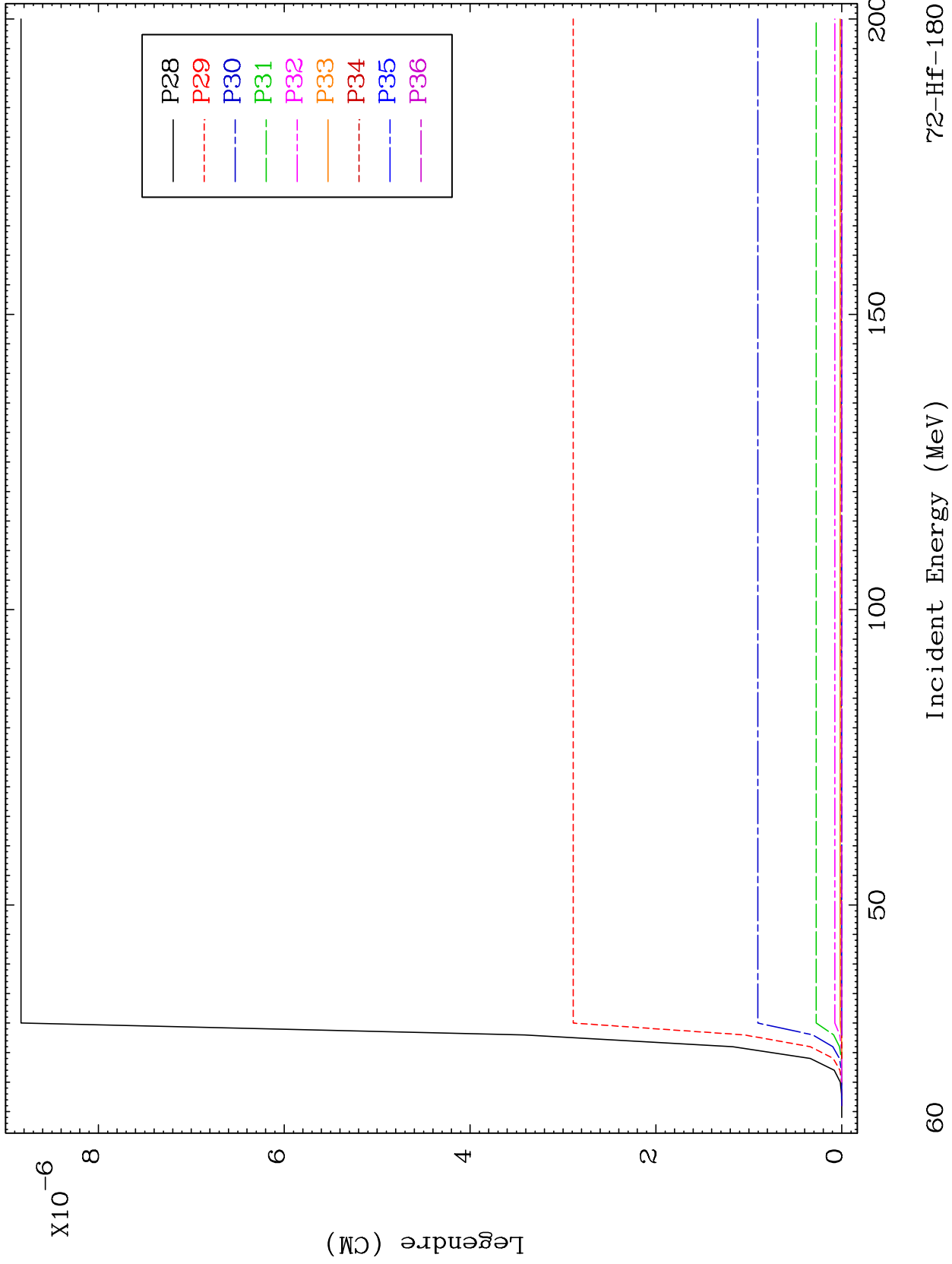
72-Hf-180



MAT 7243

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

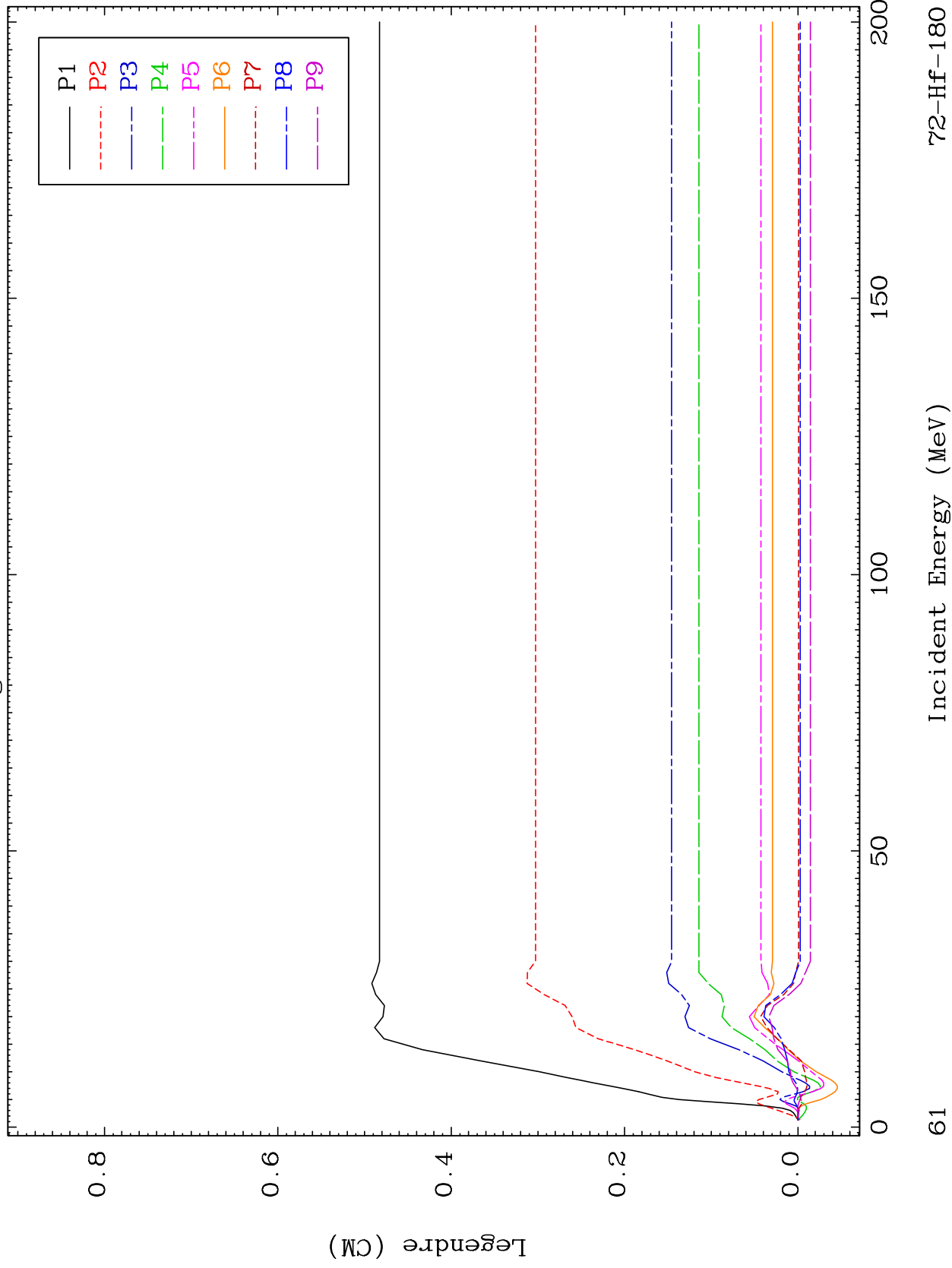
72-Hf-180



MAT 7243

MT= 62 (n,n') Level
Legendre Coefficients

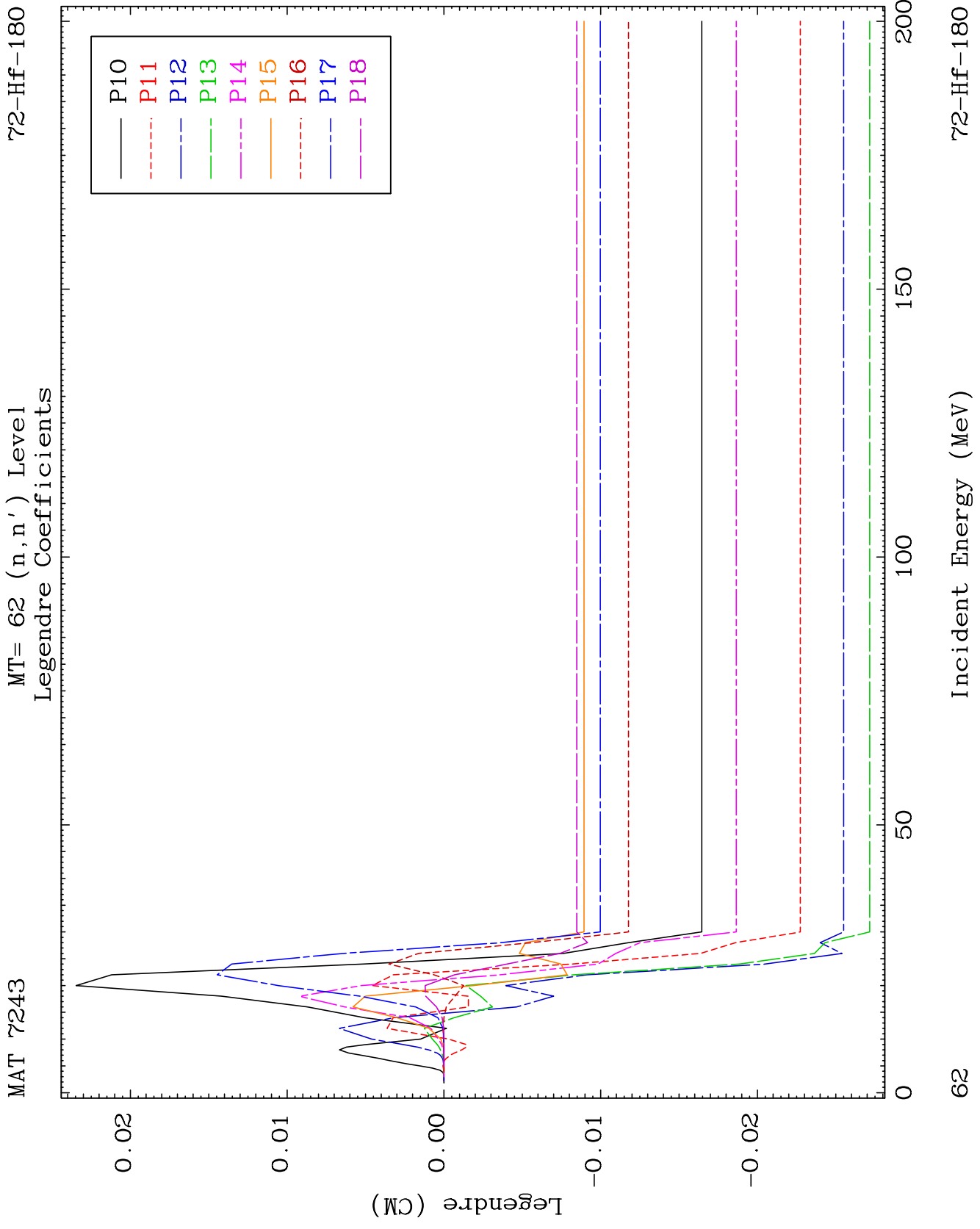
72-Hf-180



72-Hf-180

Incident Energy (MeV)

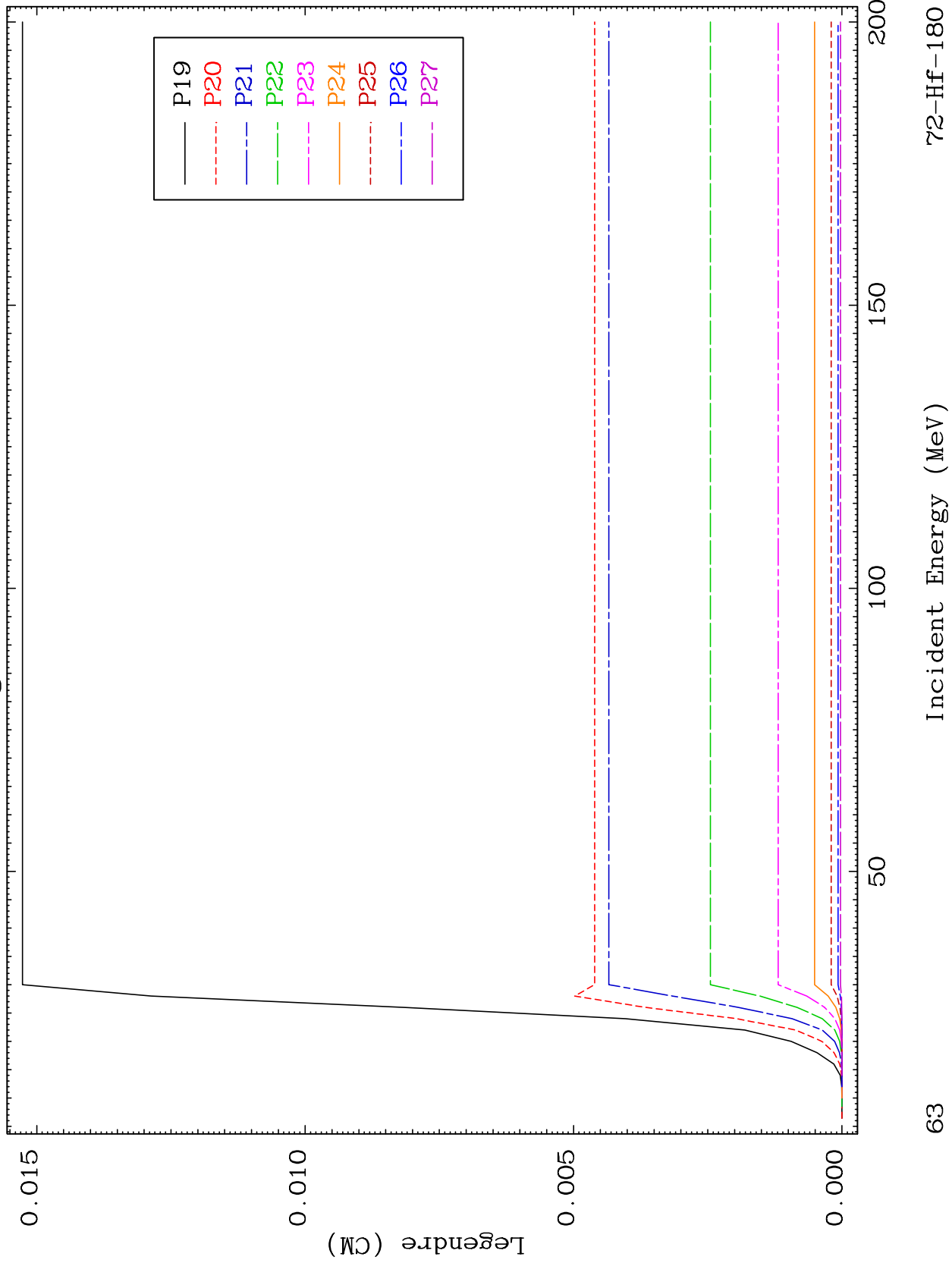
61



MAT 7243

MT= 62 (n,n') Level
Legendre Coefficients

72-Hf-180



63

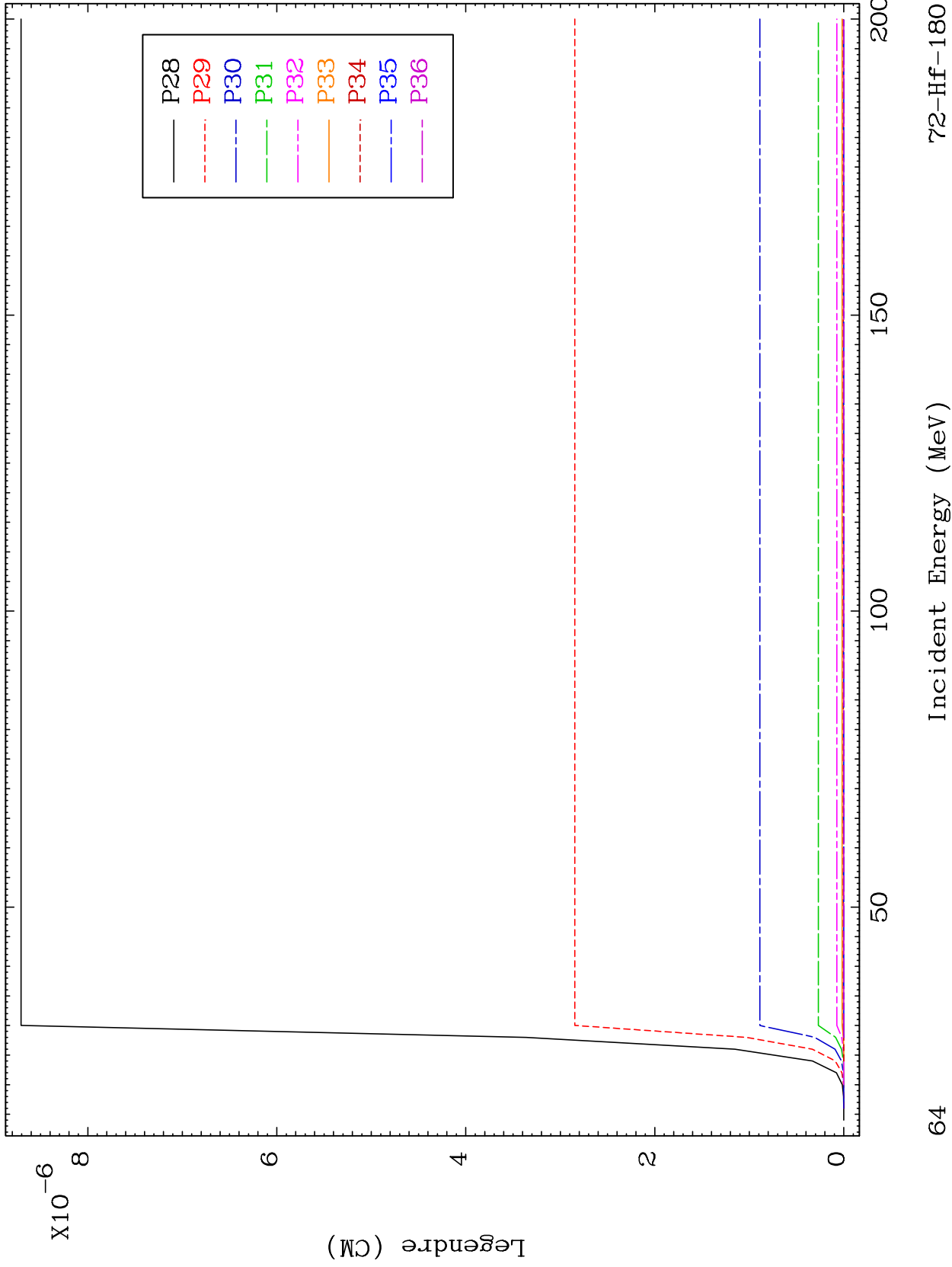
Incident Energy (MeV)

72-Hf-180

MAT 7243

MT= 62 (n,n') Level
Legendre Coefficients

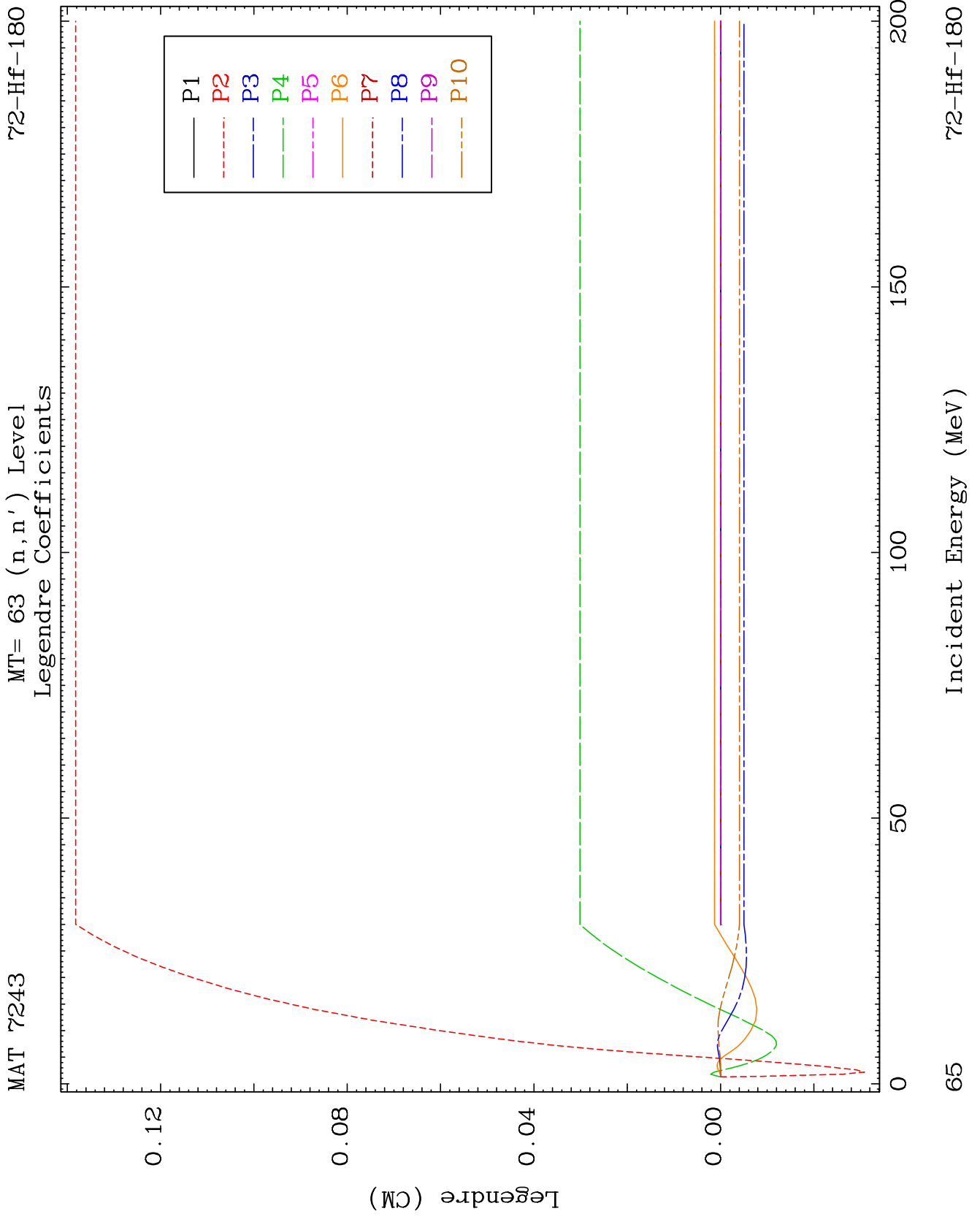
72-Hf-180



64

Incident Energy (MeV)

72-Hf-180

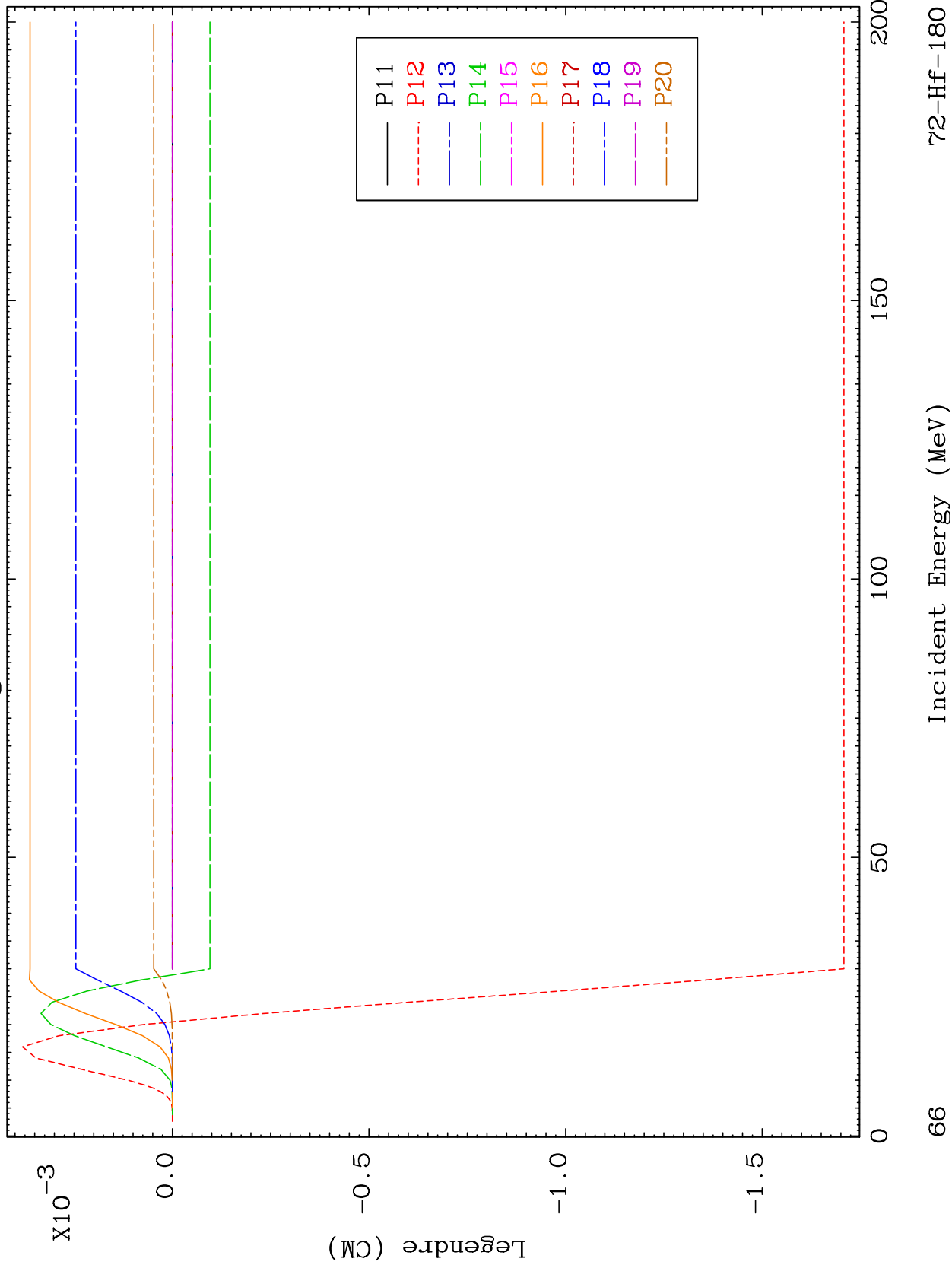


MAT 7243

MT= 63 (n,n') Level

72-Hf-180

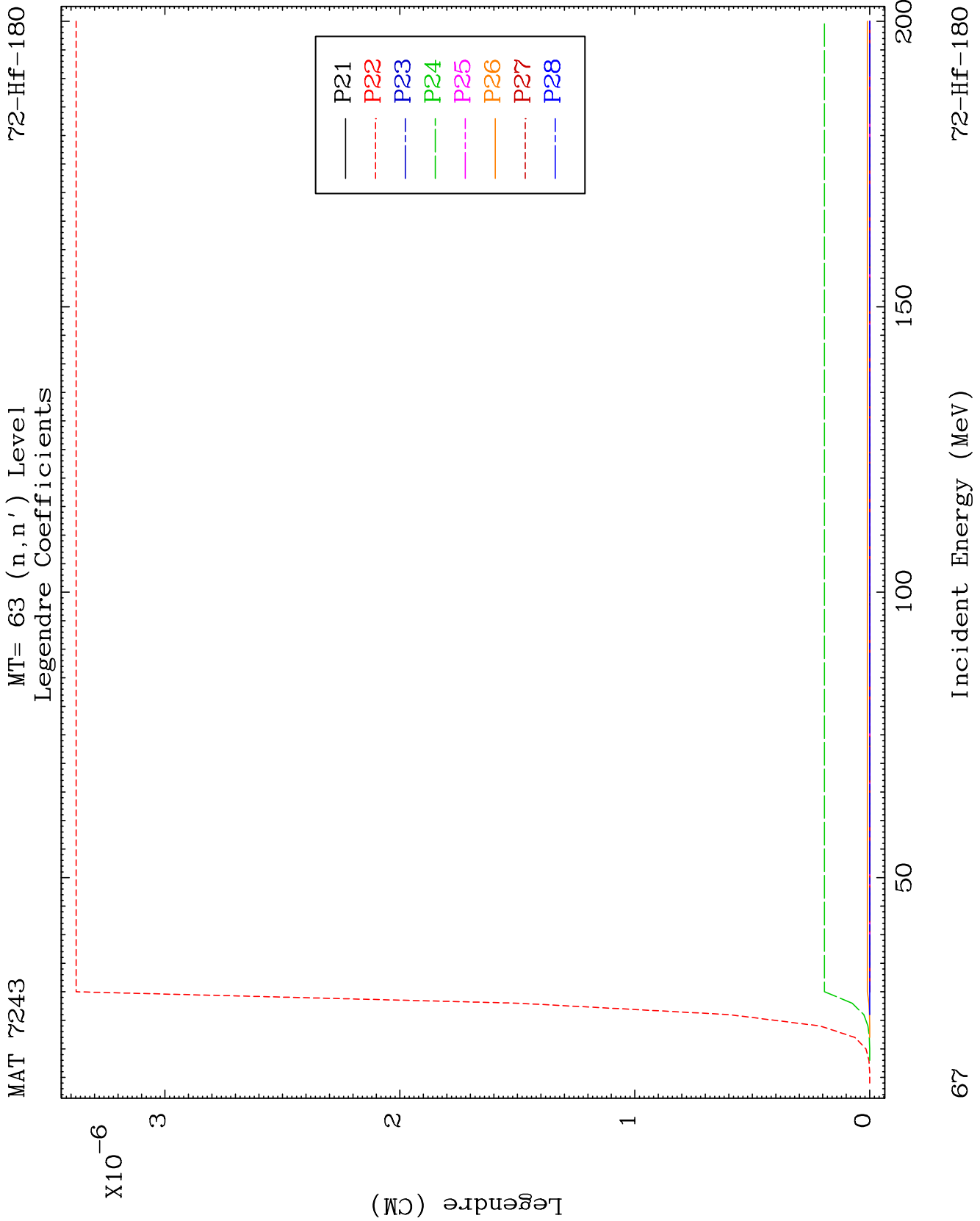
Legendre Coefficients

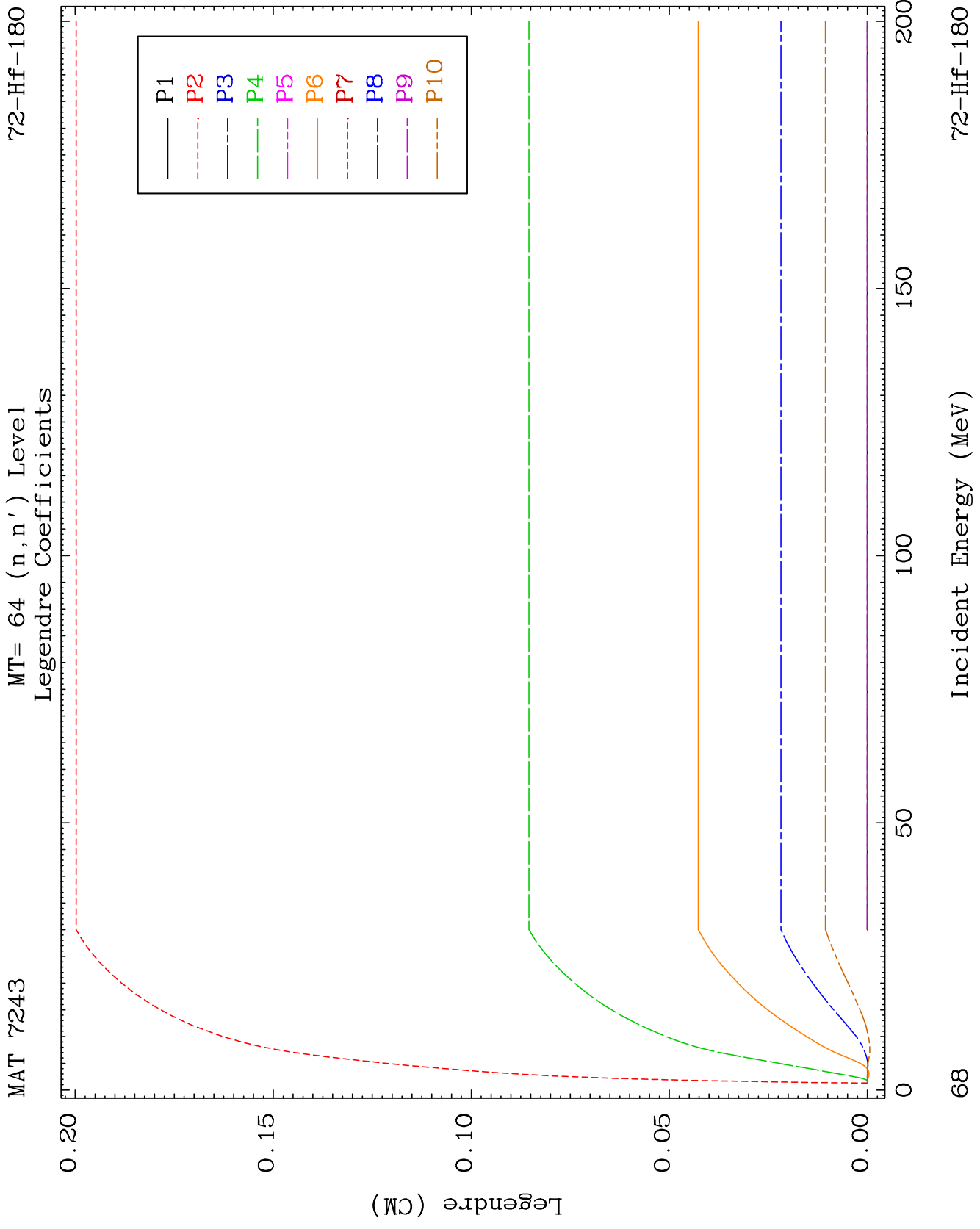


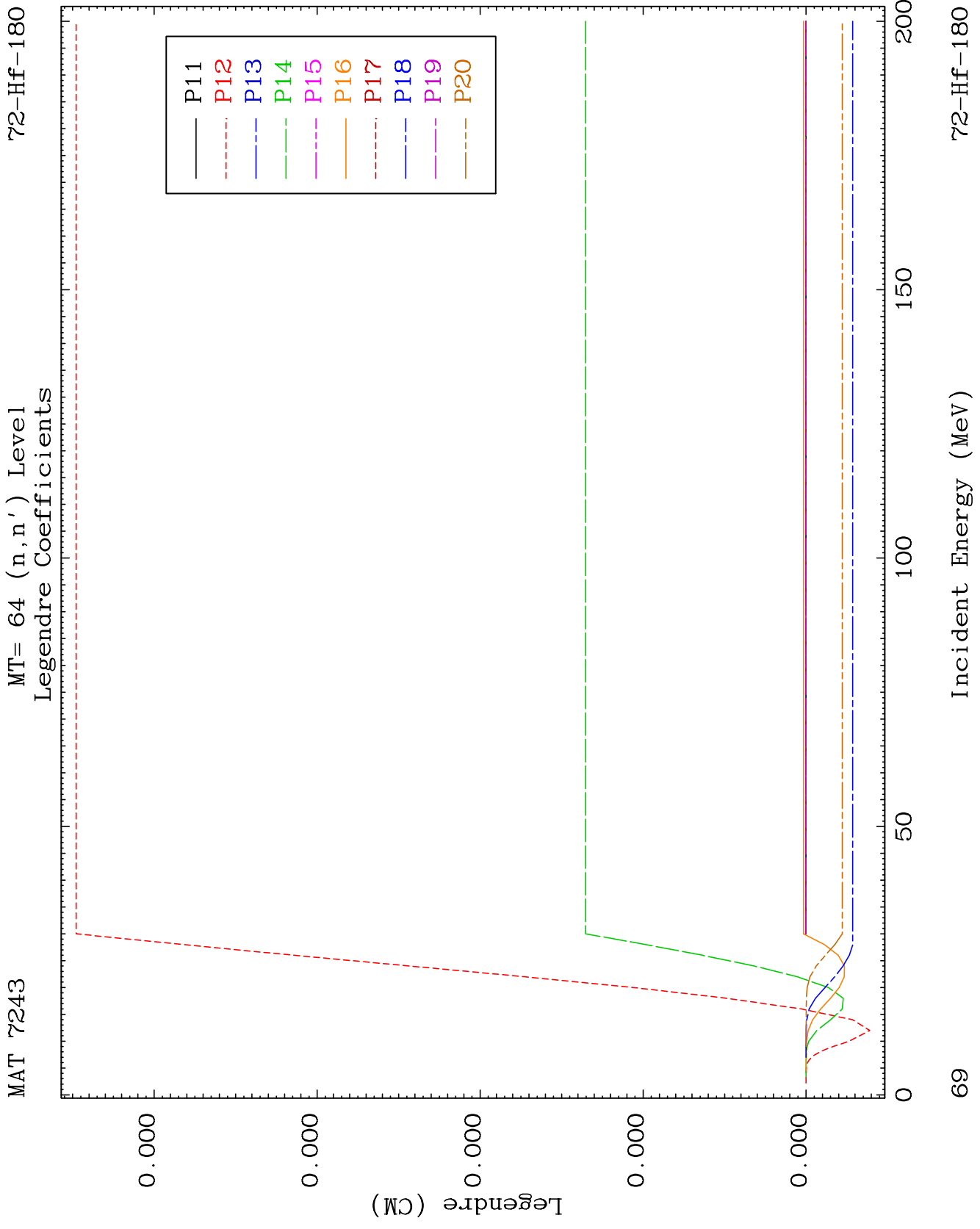
66

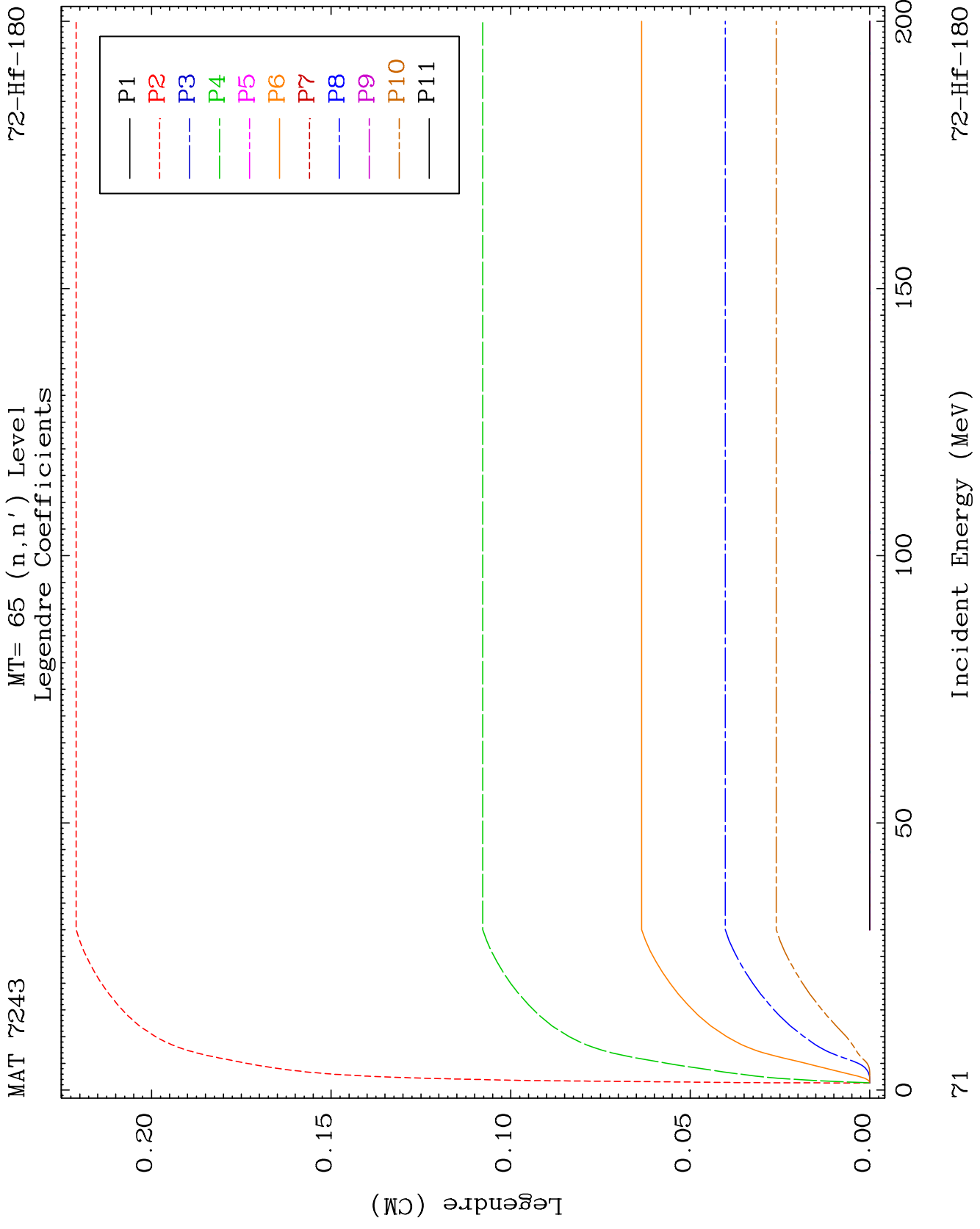
Incident Energy (MeV)

72-Hf-180





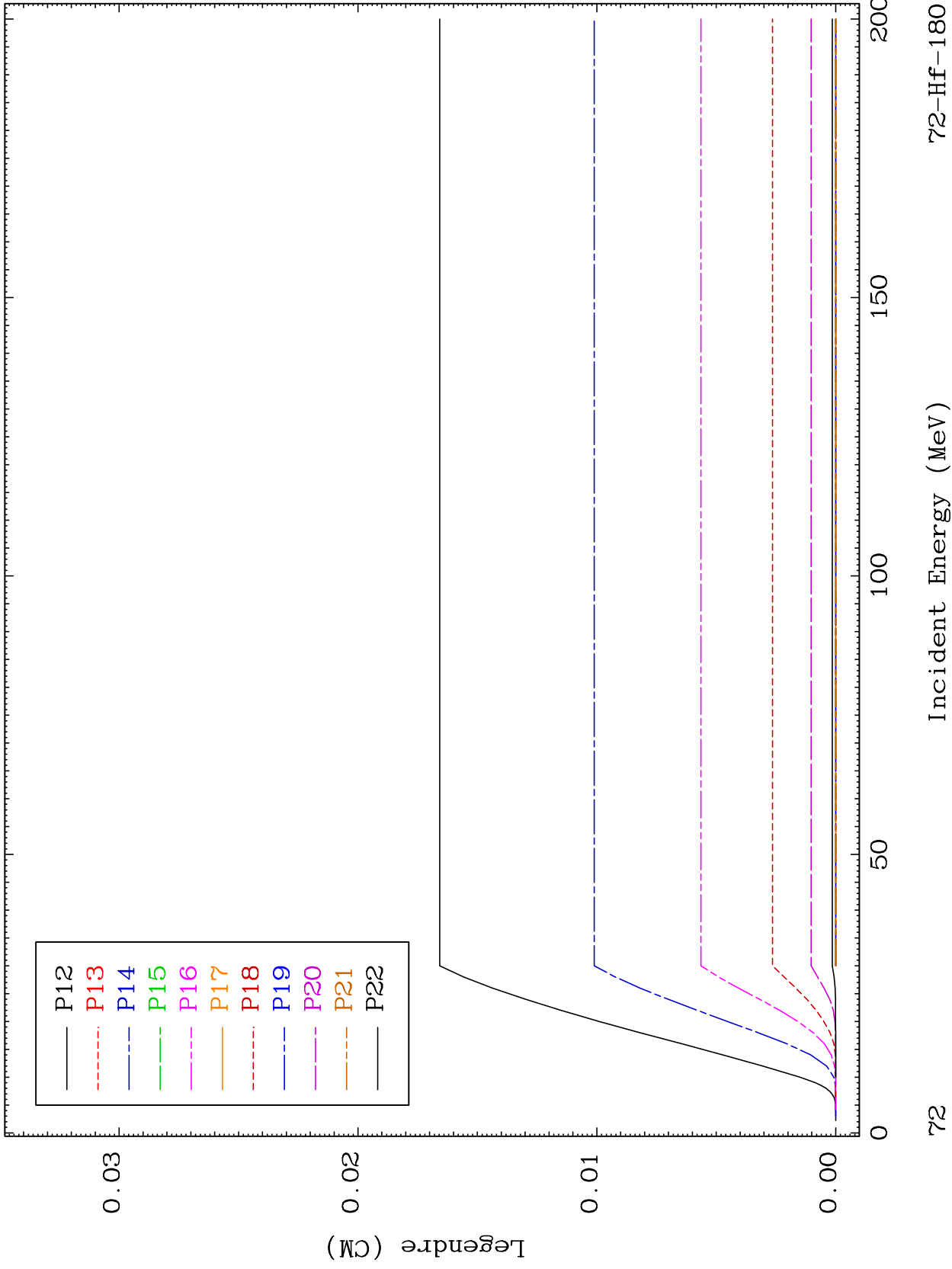




MAT 7243

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

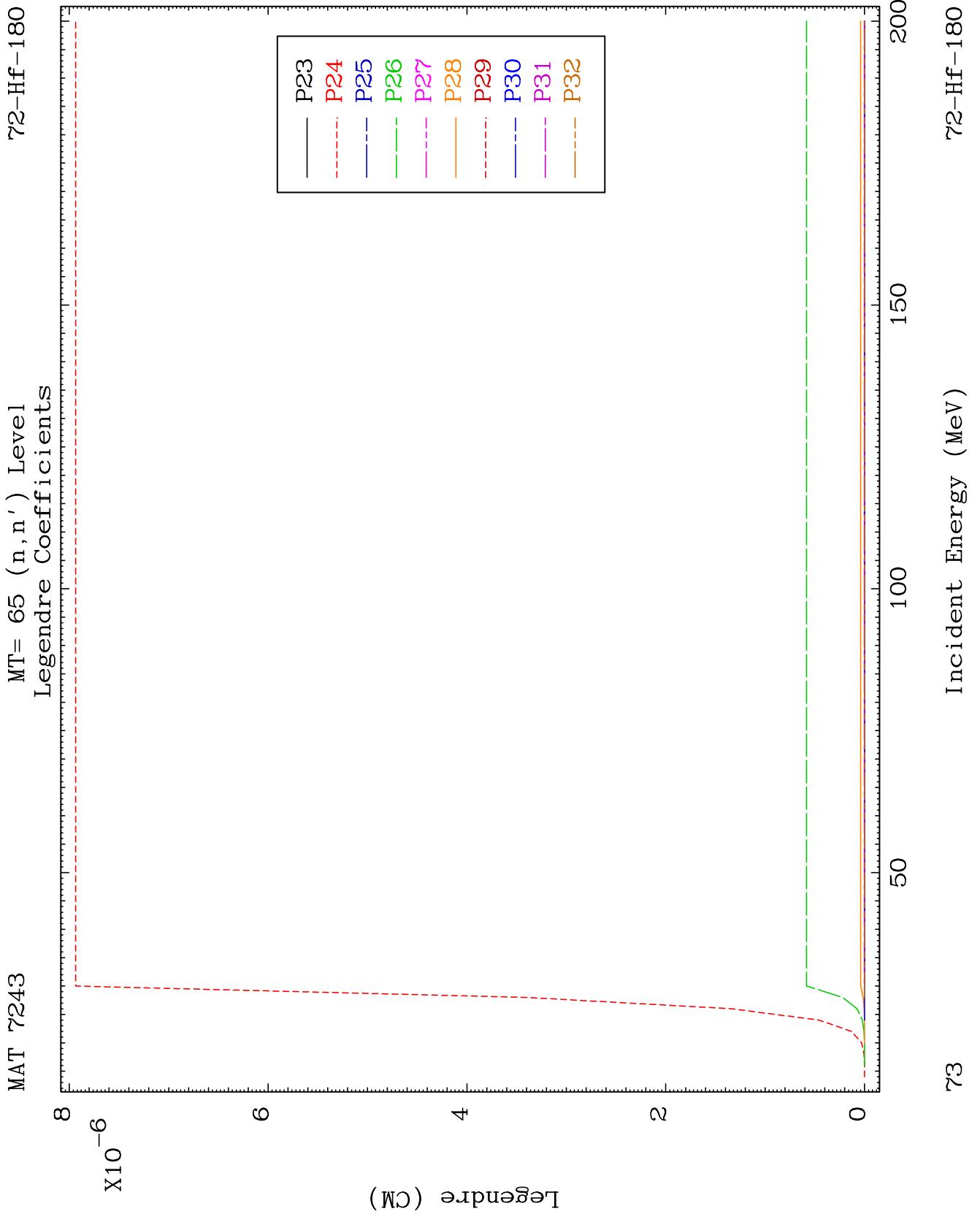
72-Hf-180

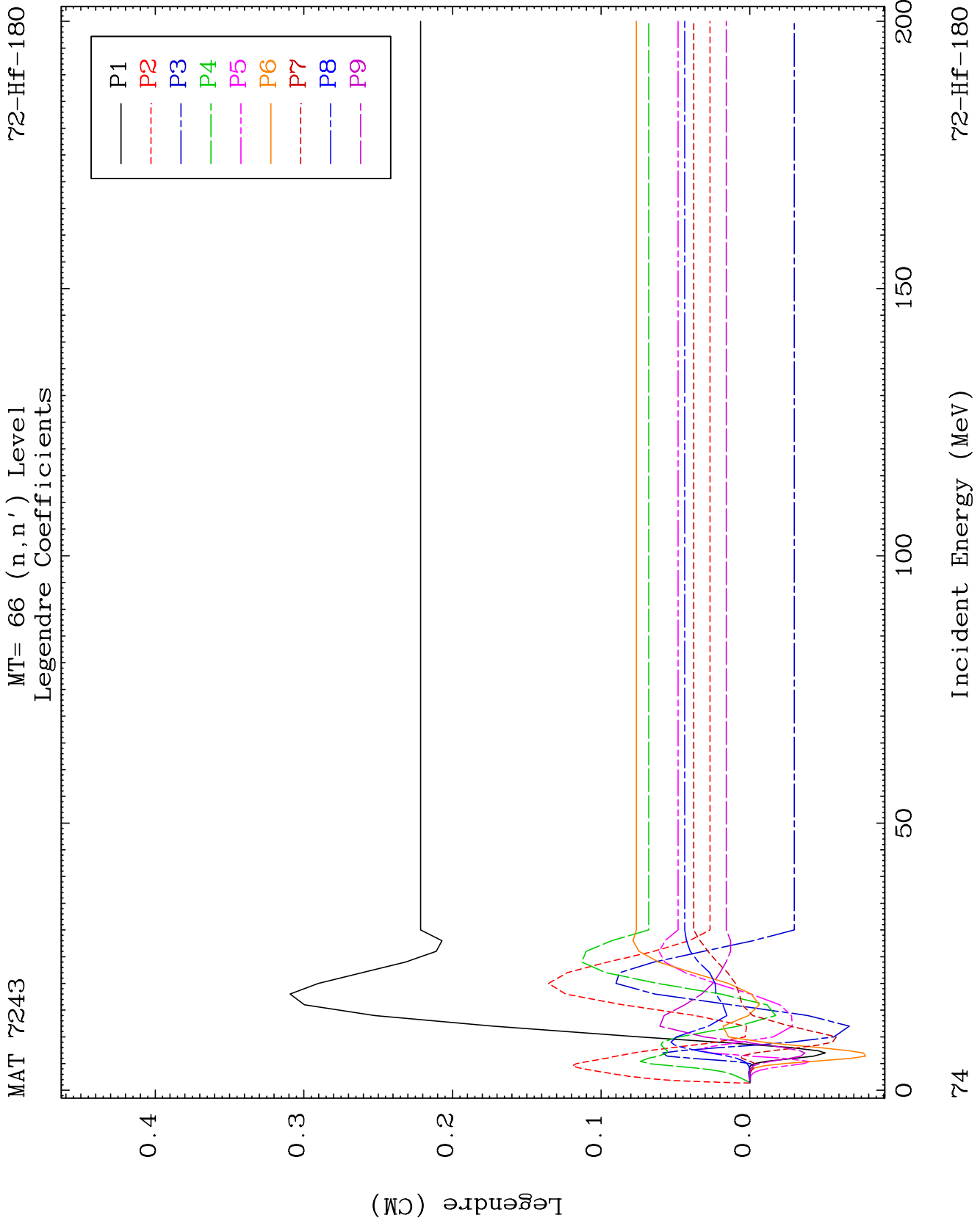


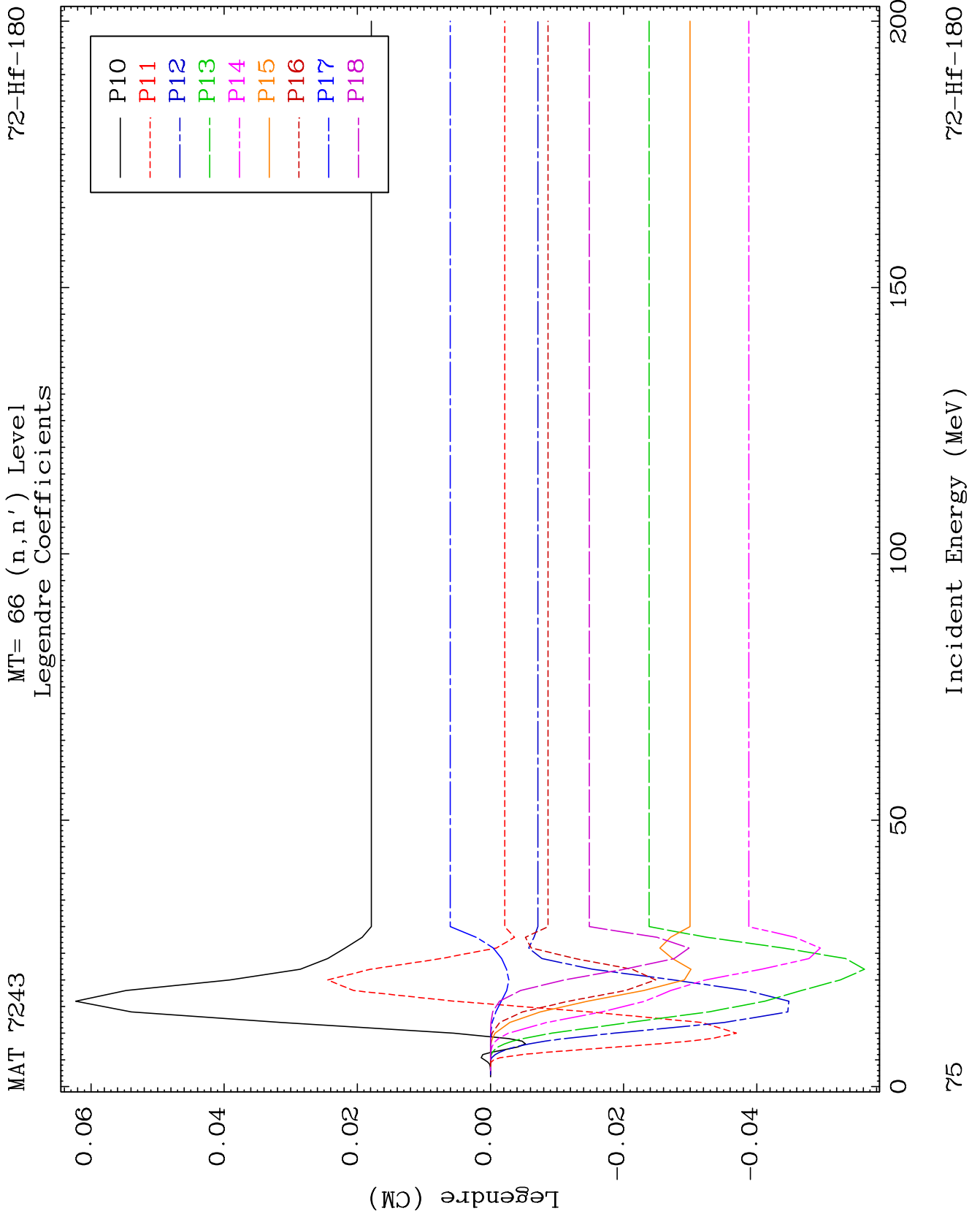
72

Incident Energy (MeV)

72-Hf-180



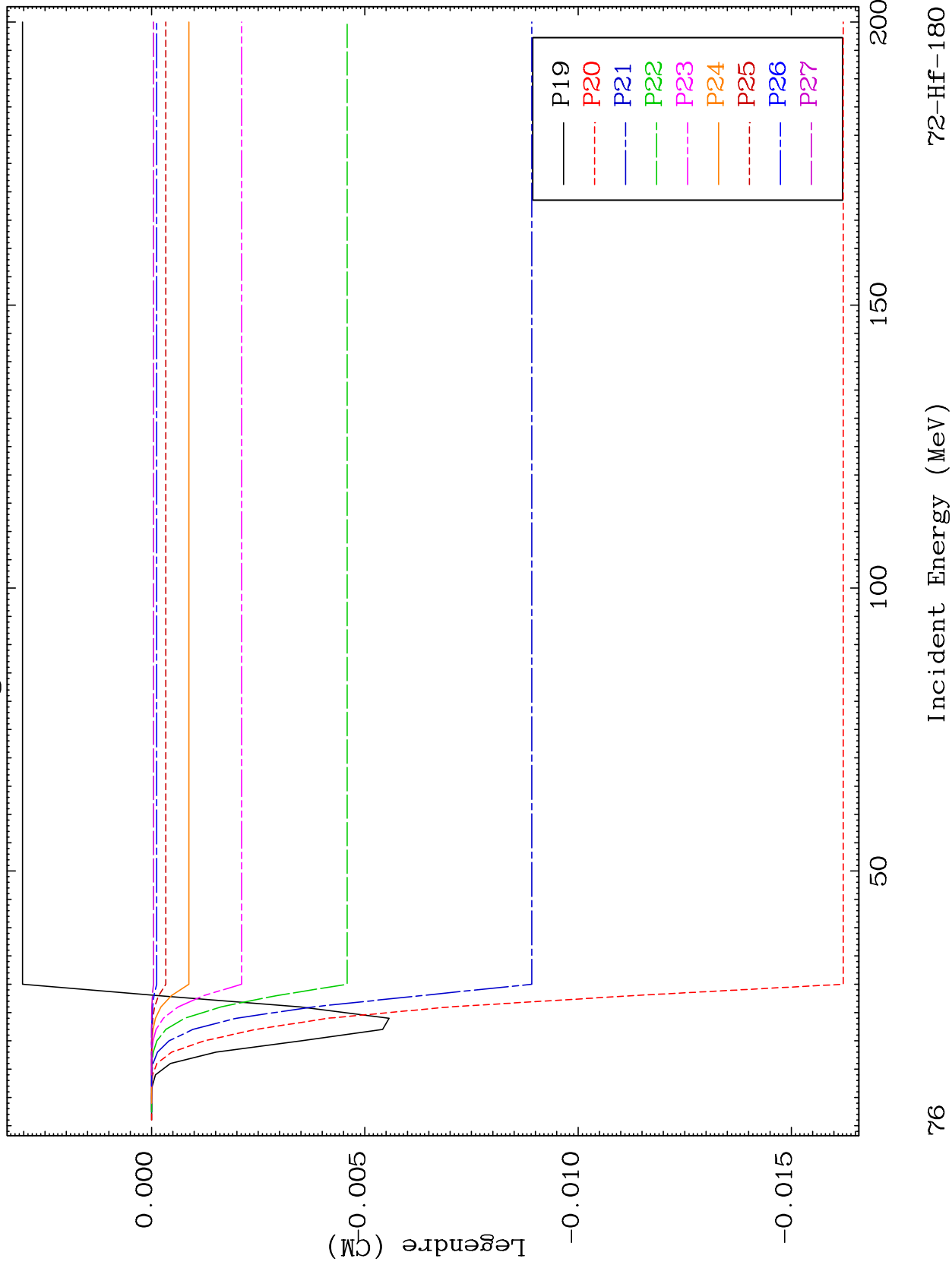


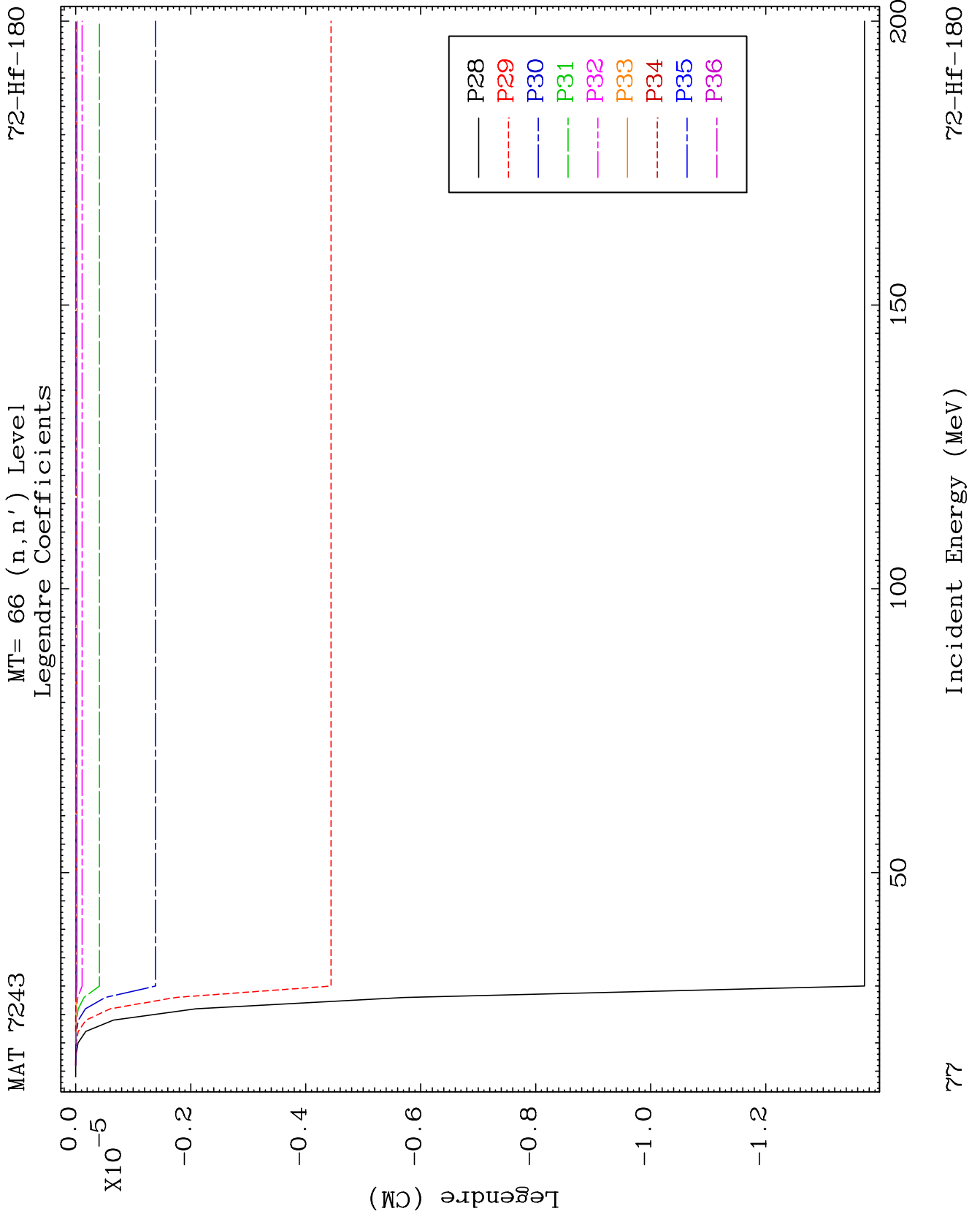


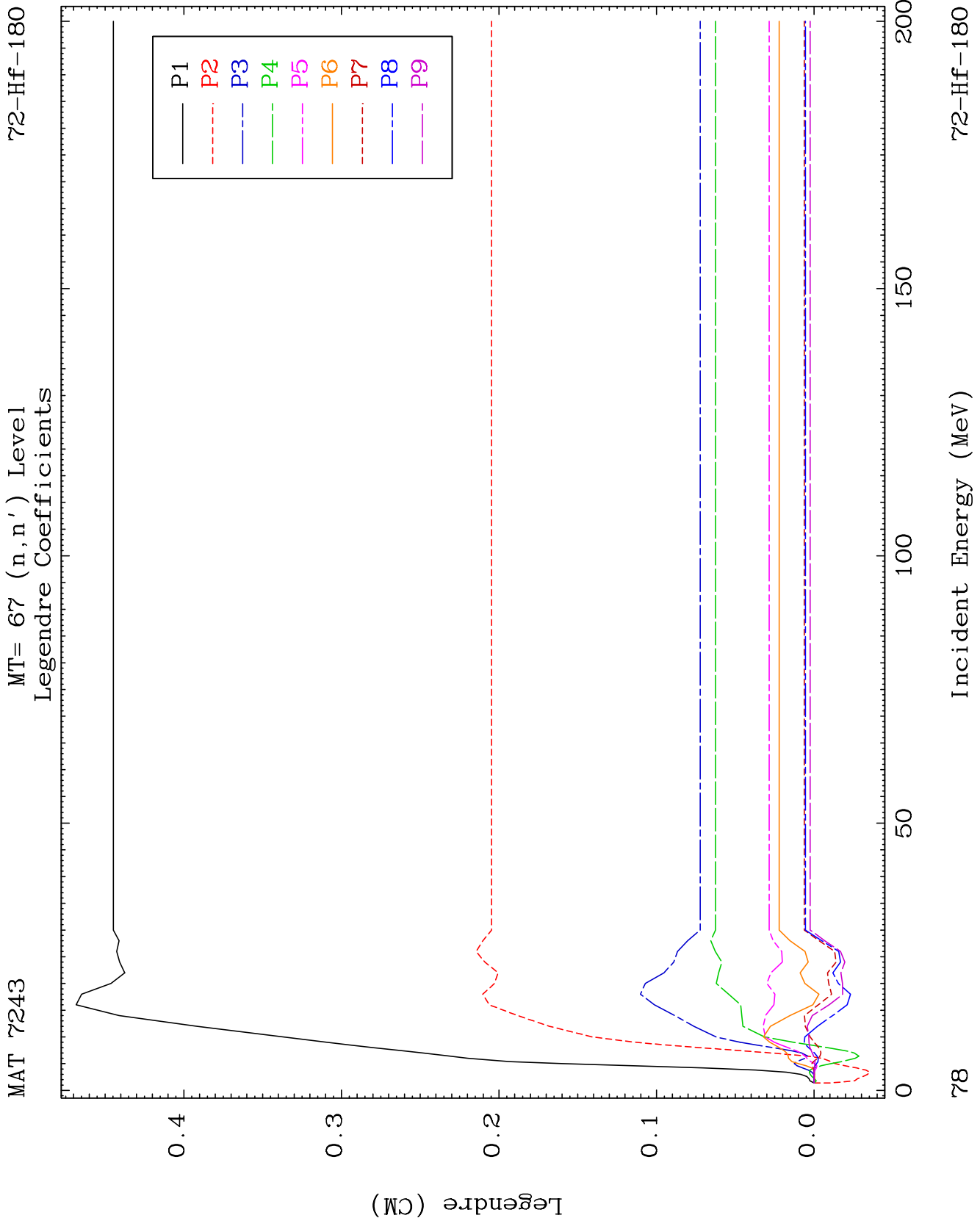
MAT 7243

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

72-Hf-180



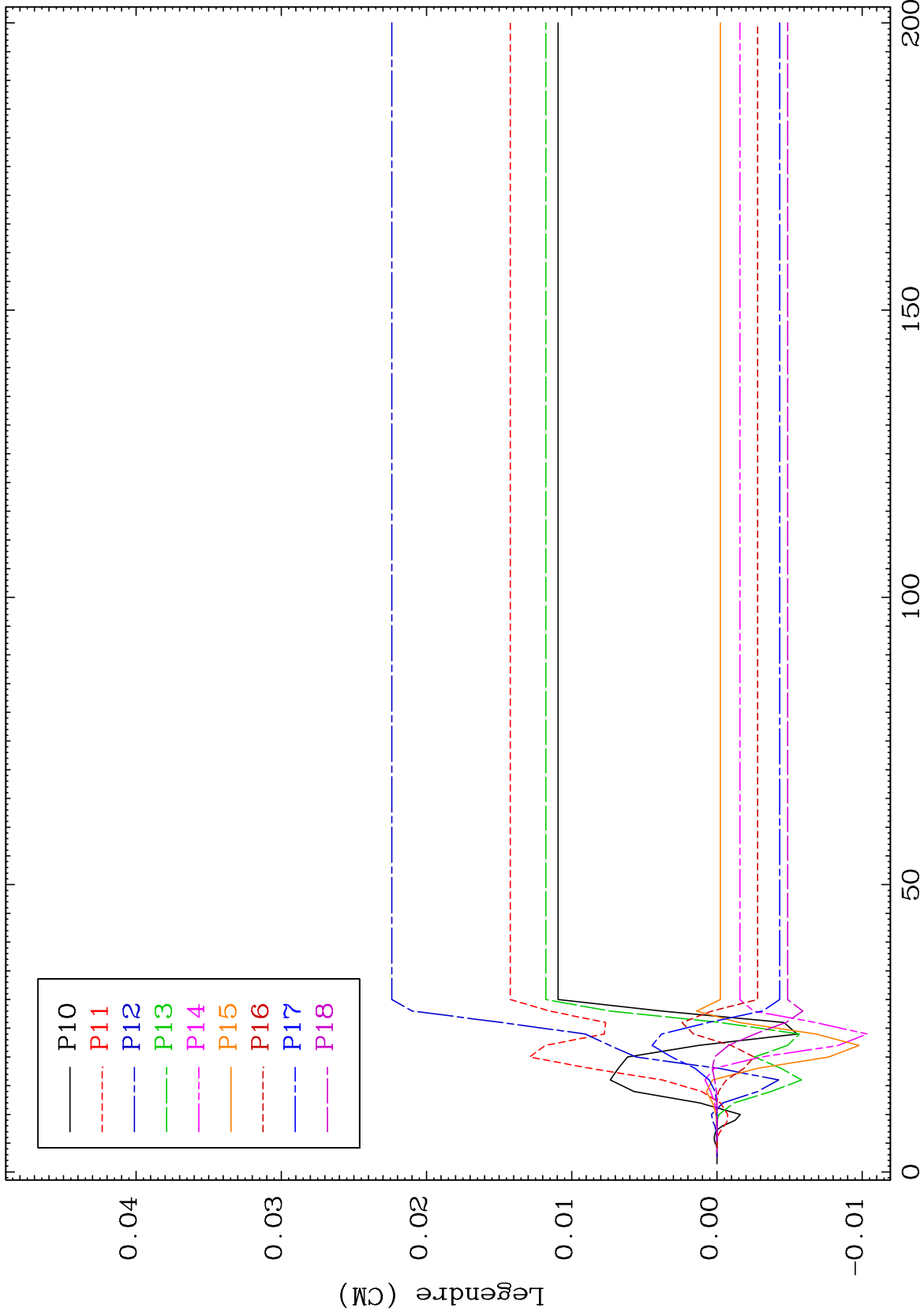




MAT 7243

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

72-Hf-180



79

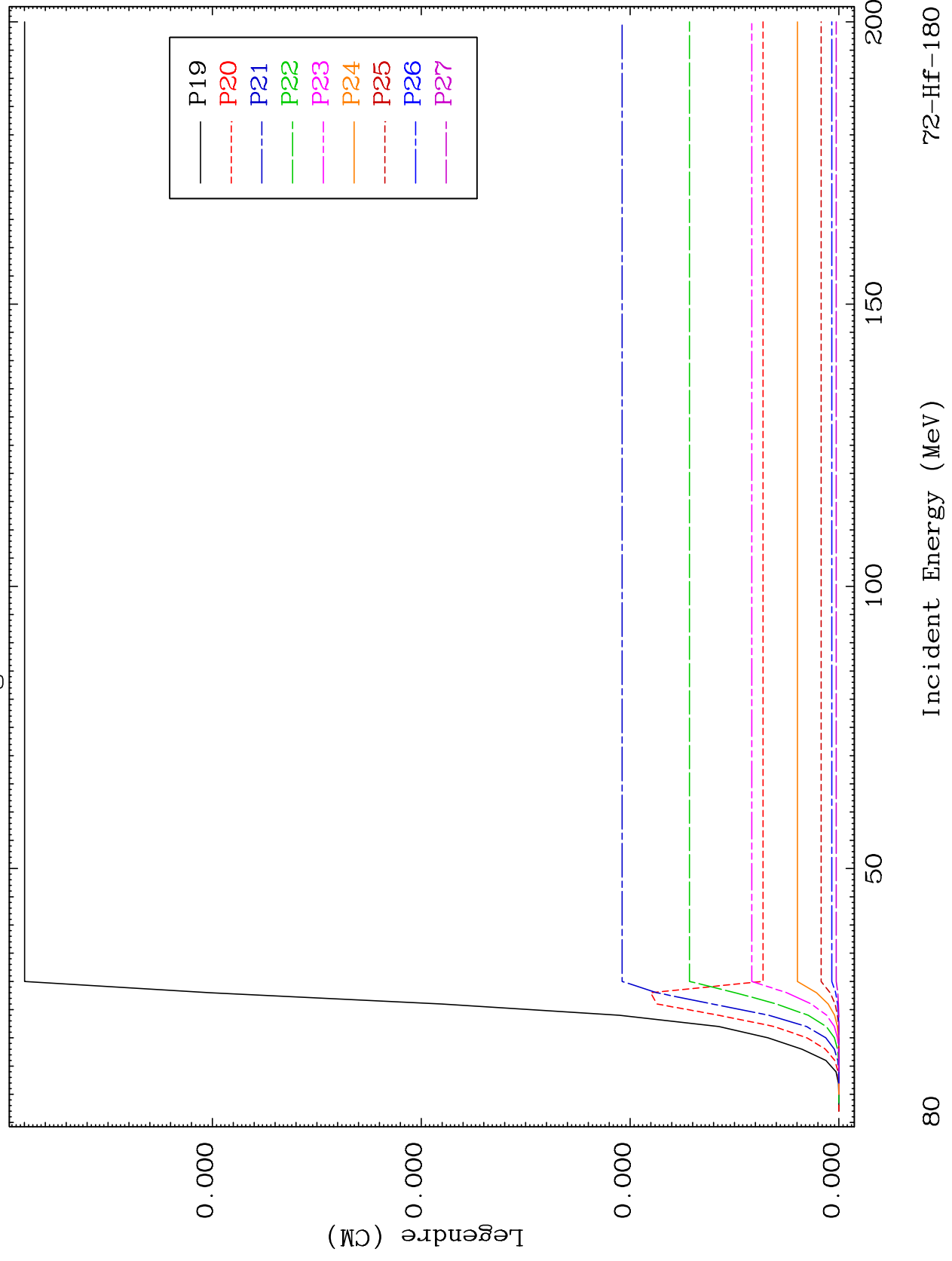
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

72-Hf-180



80

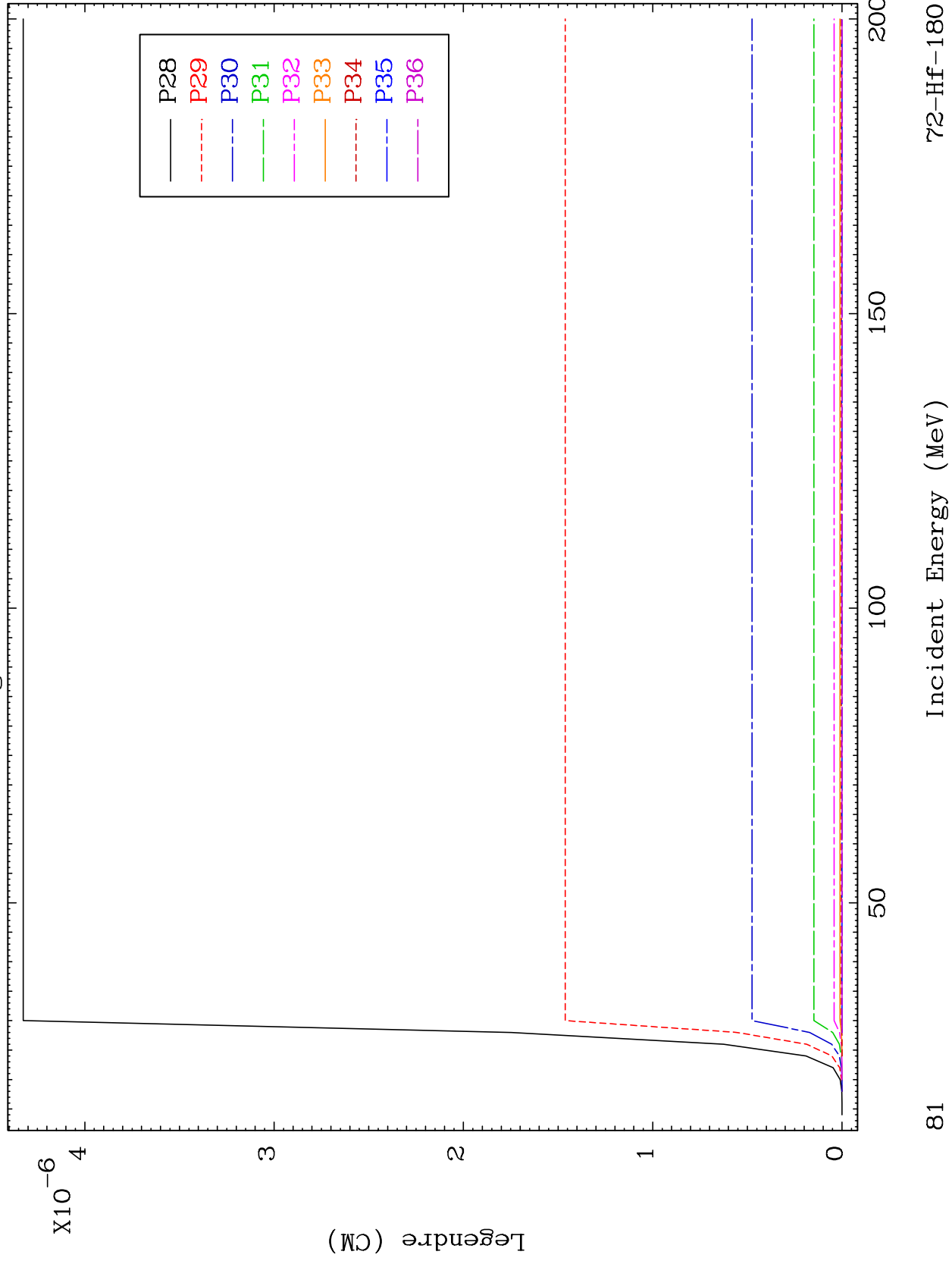
Incident Energy (MeV)

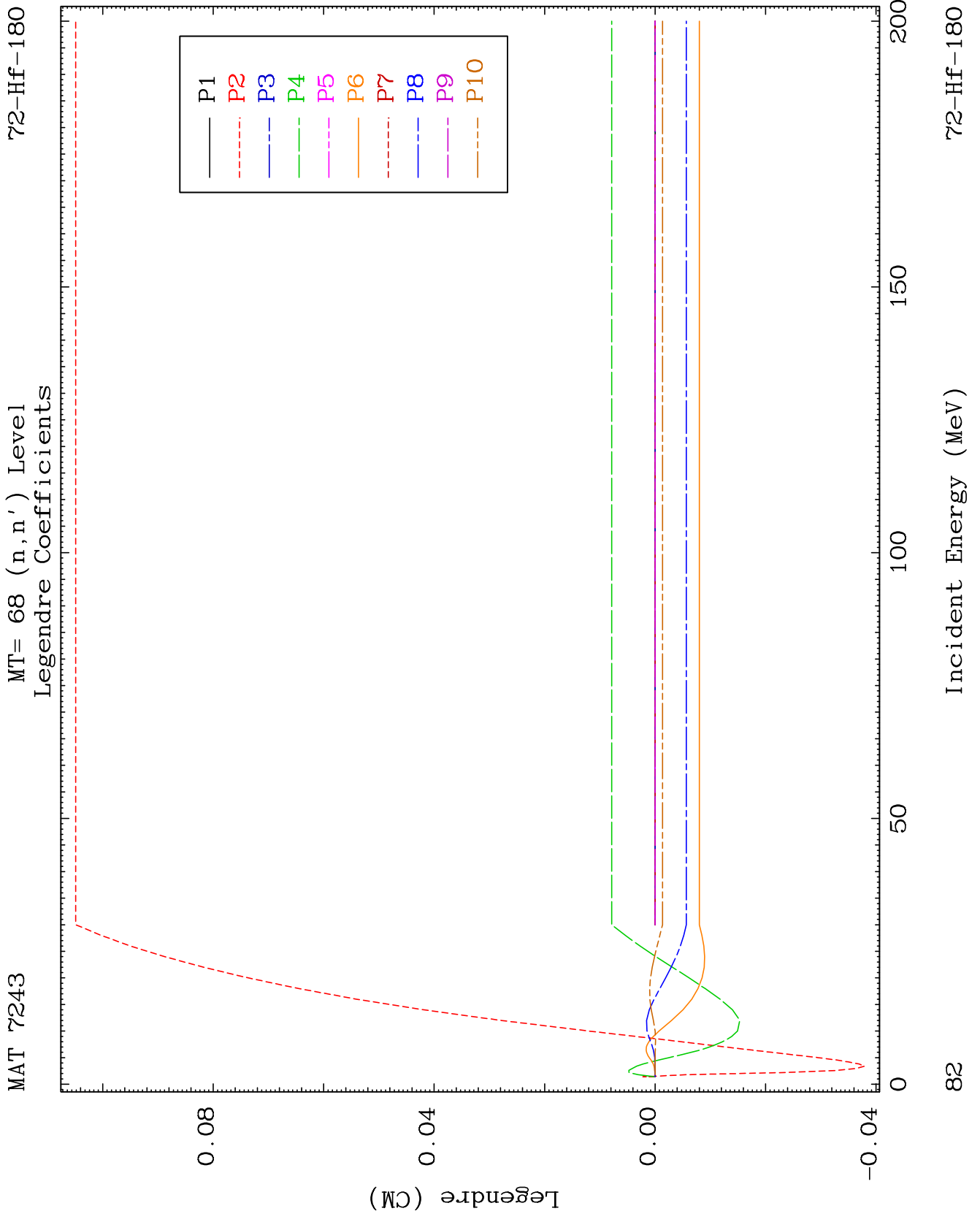
72-Hf-180

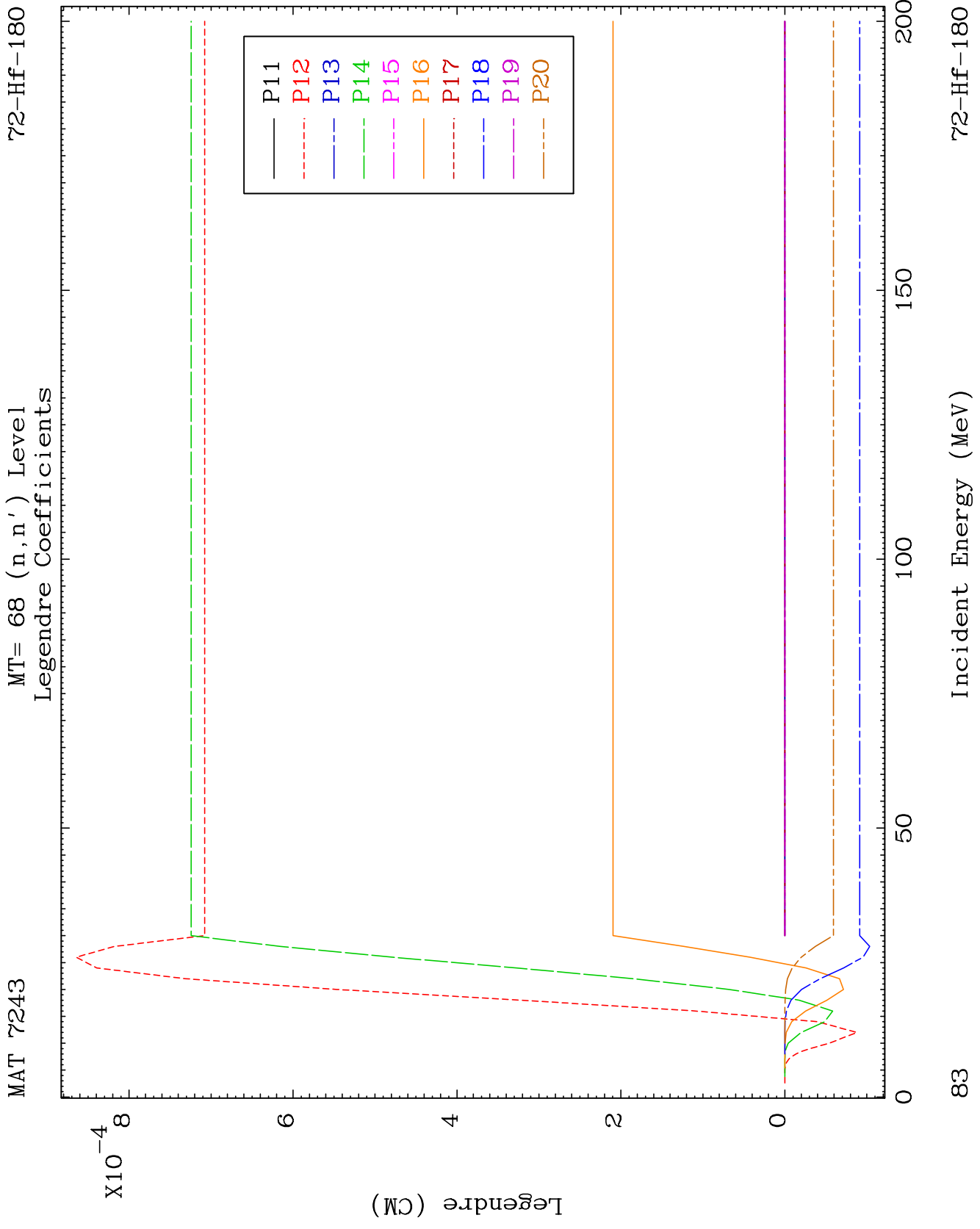
MAT 7243

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

72-Hf-180



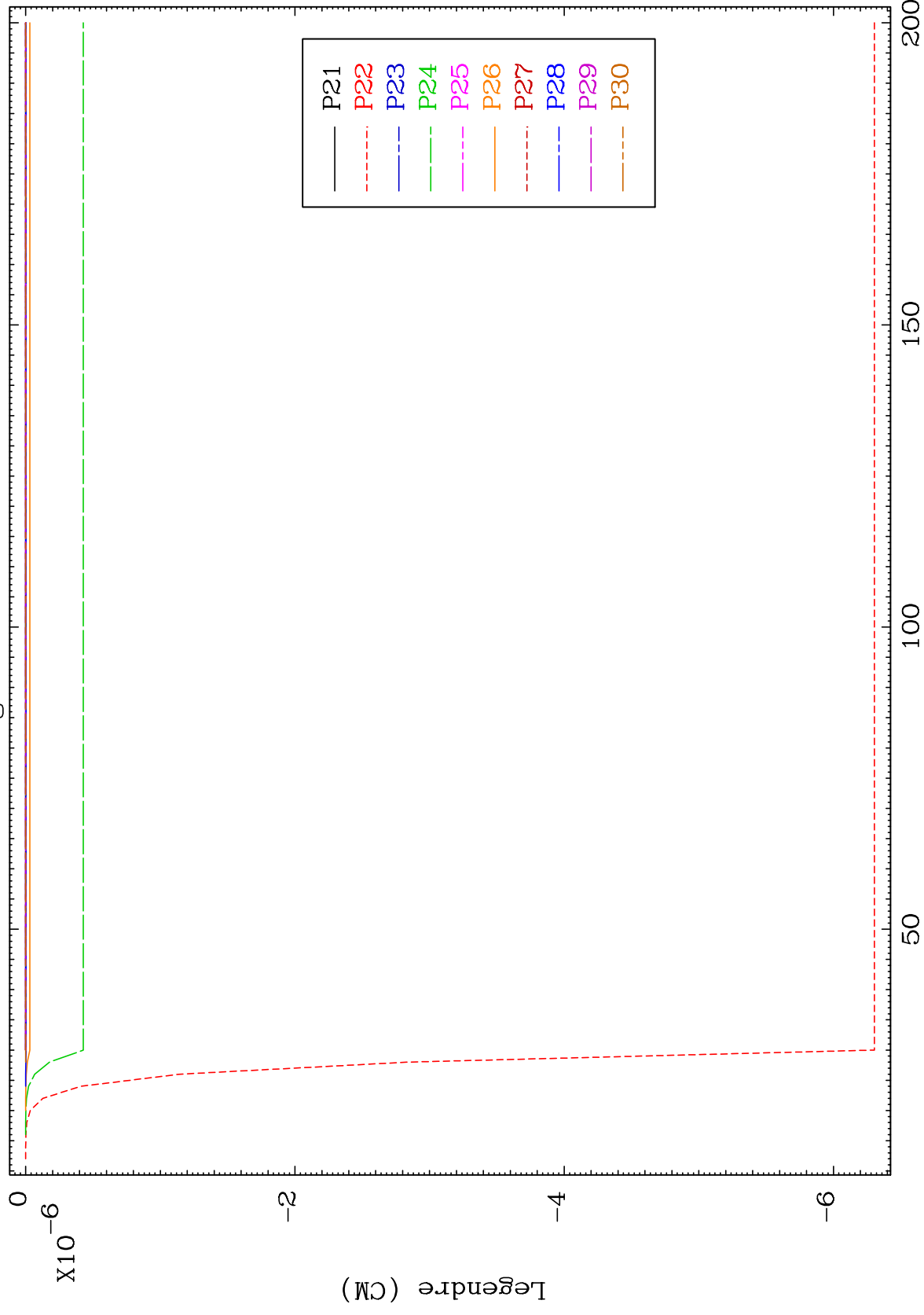




MAT 7243

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

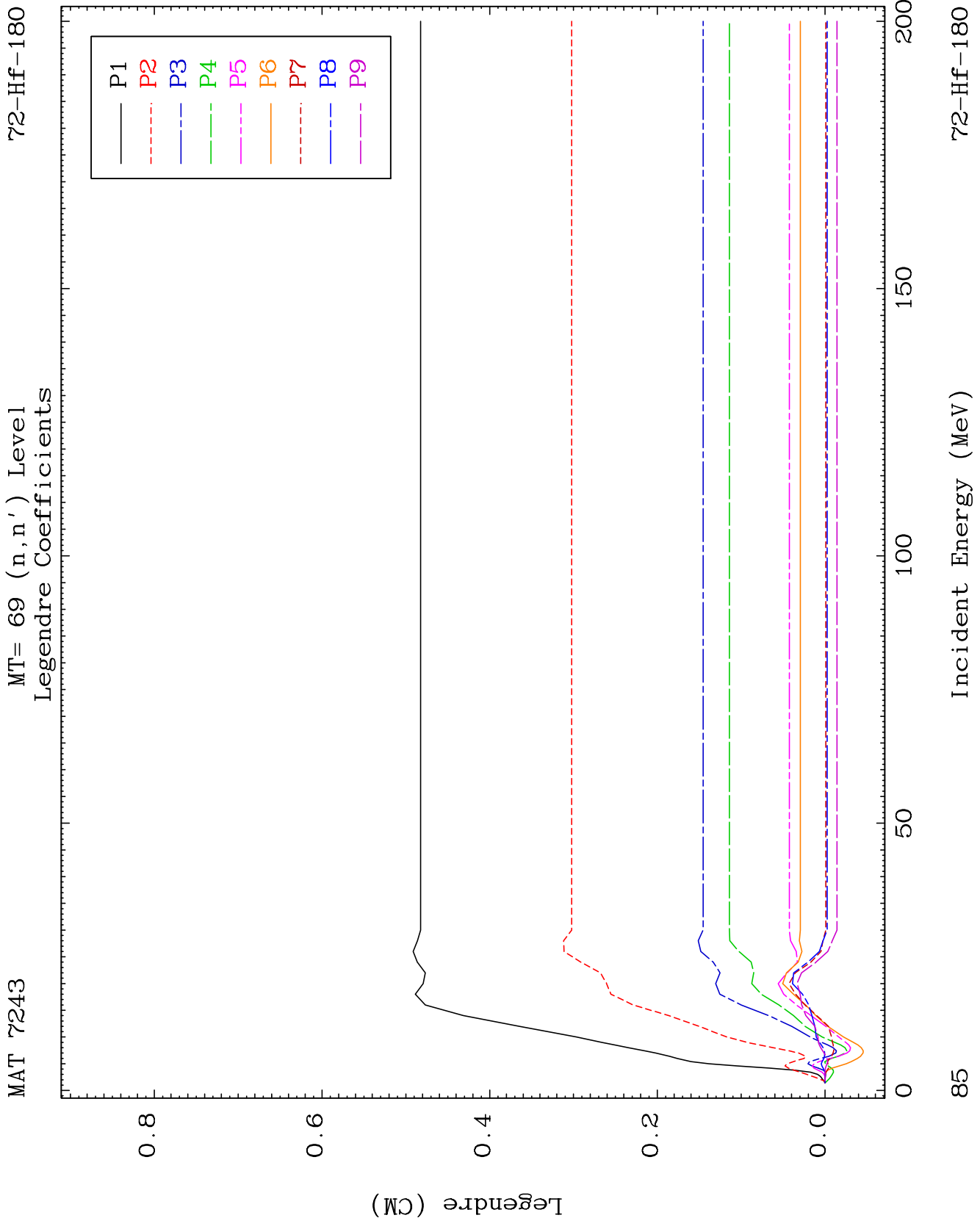
72-Hf-180



84

Incident Energy (MeV)

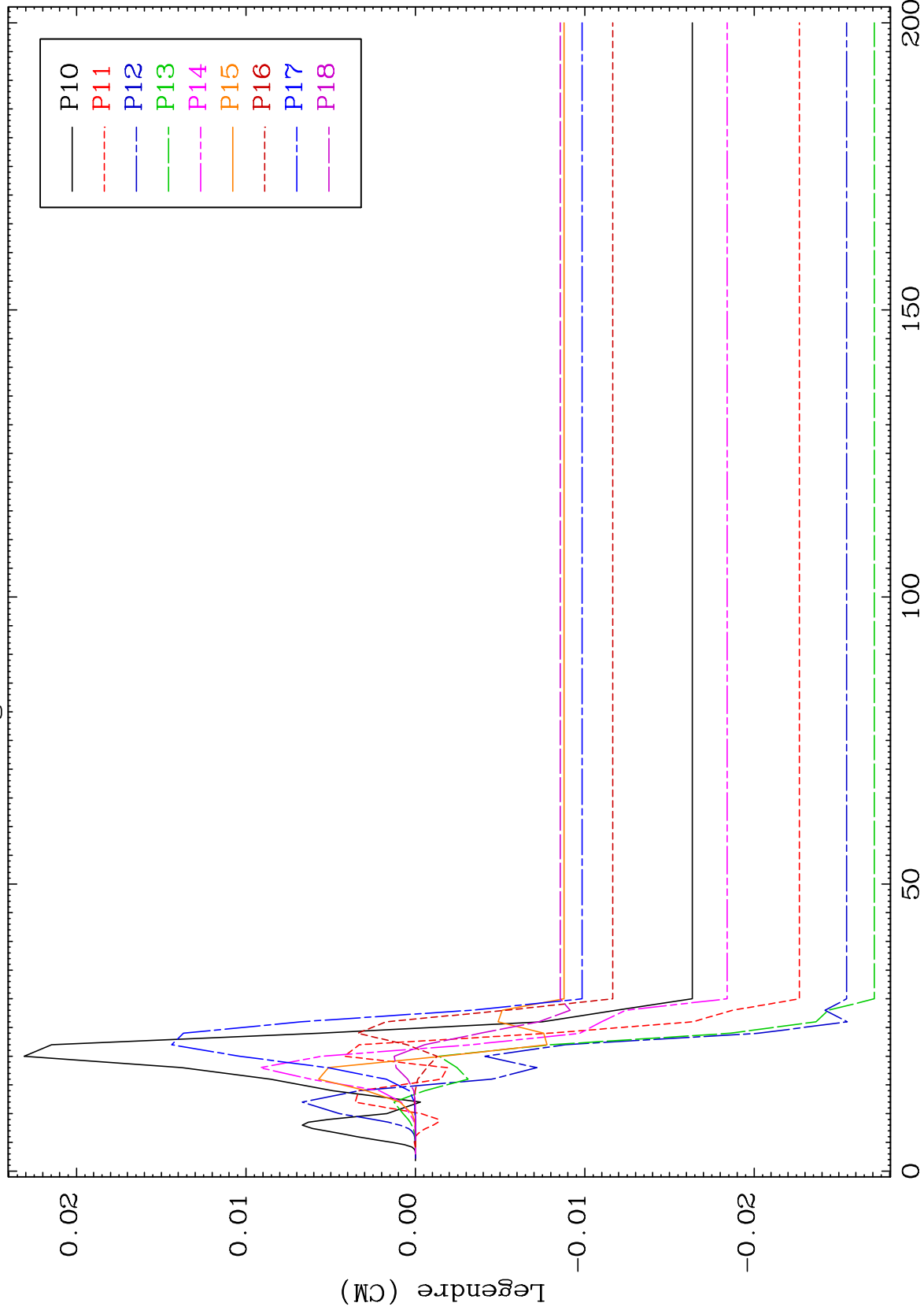
72-Hf-180



MAT 7243

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

72-Hf-180



86

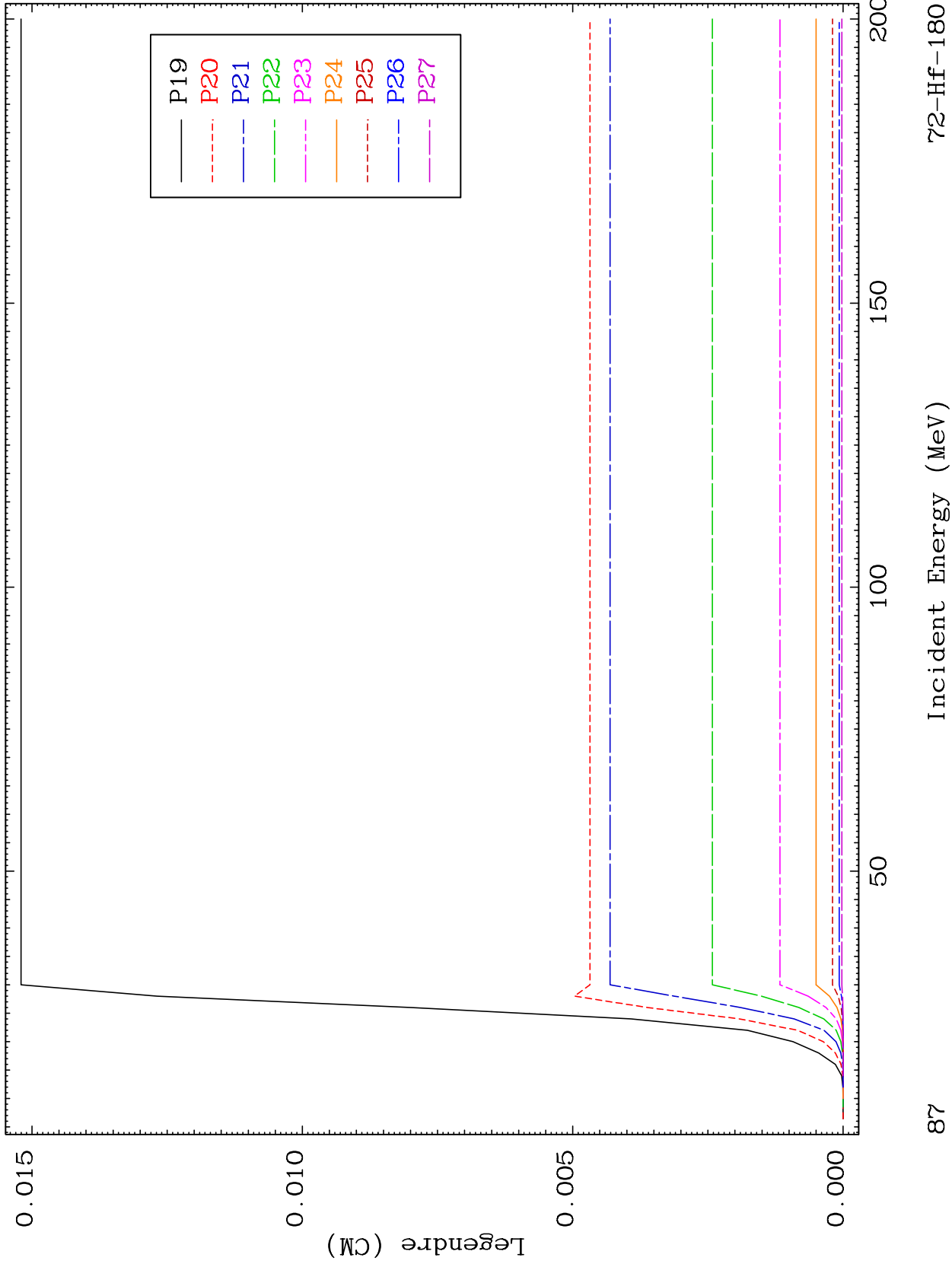
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

72-Hf-180



87

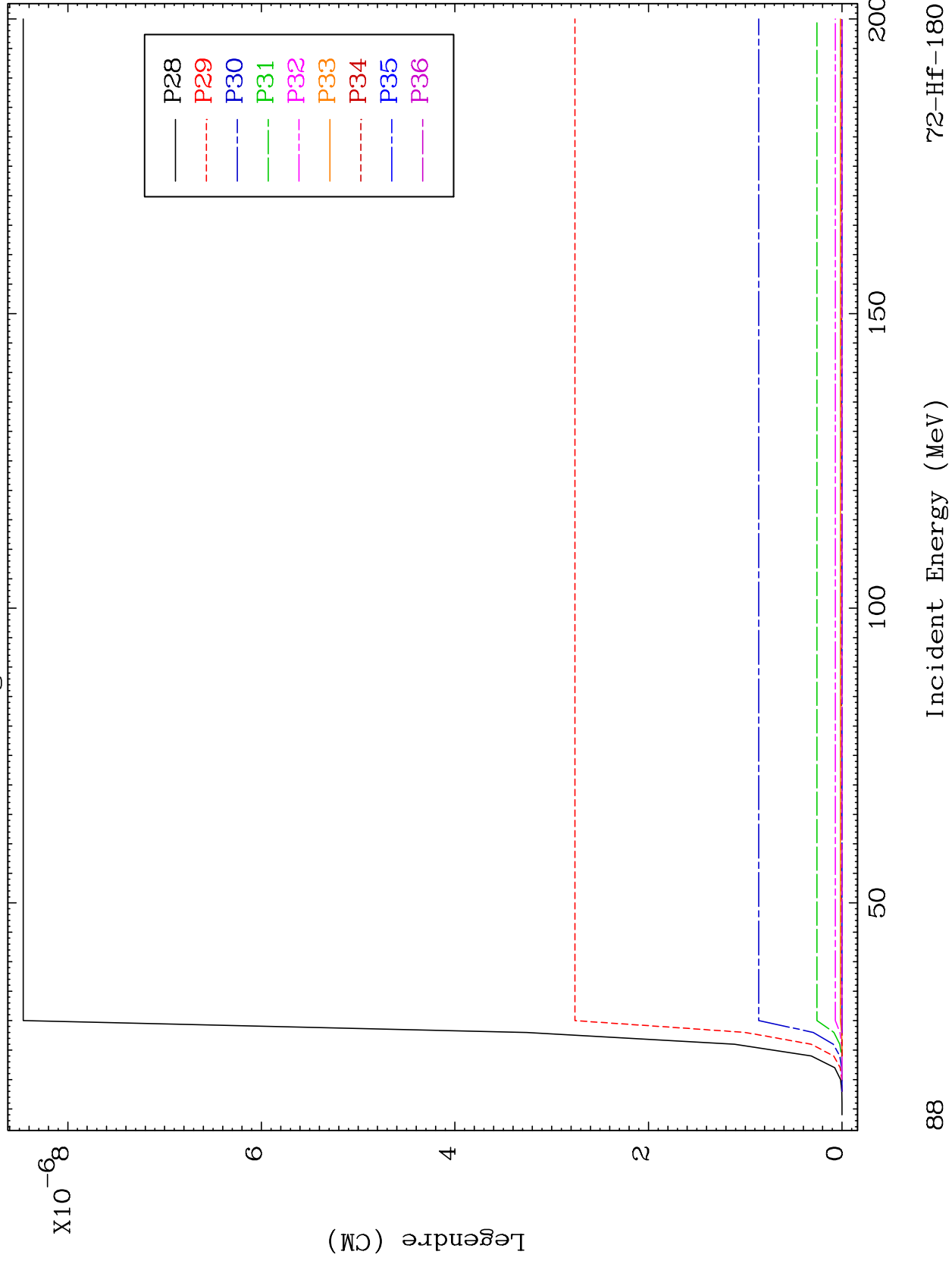
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

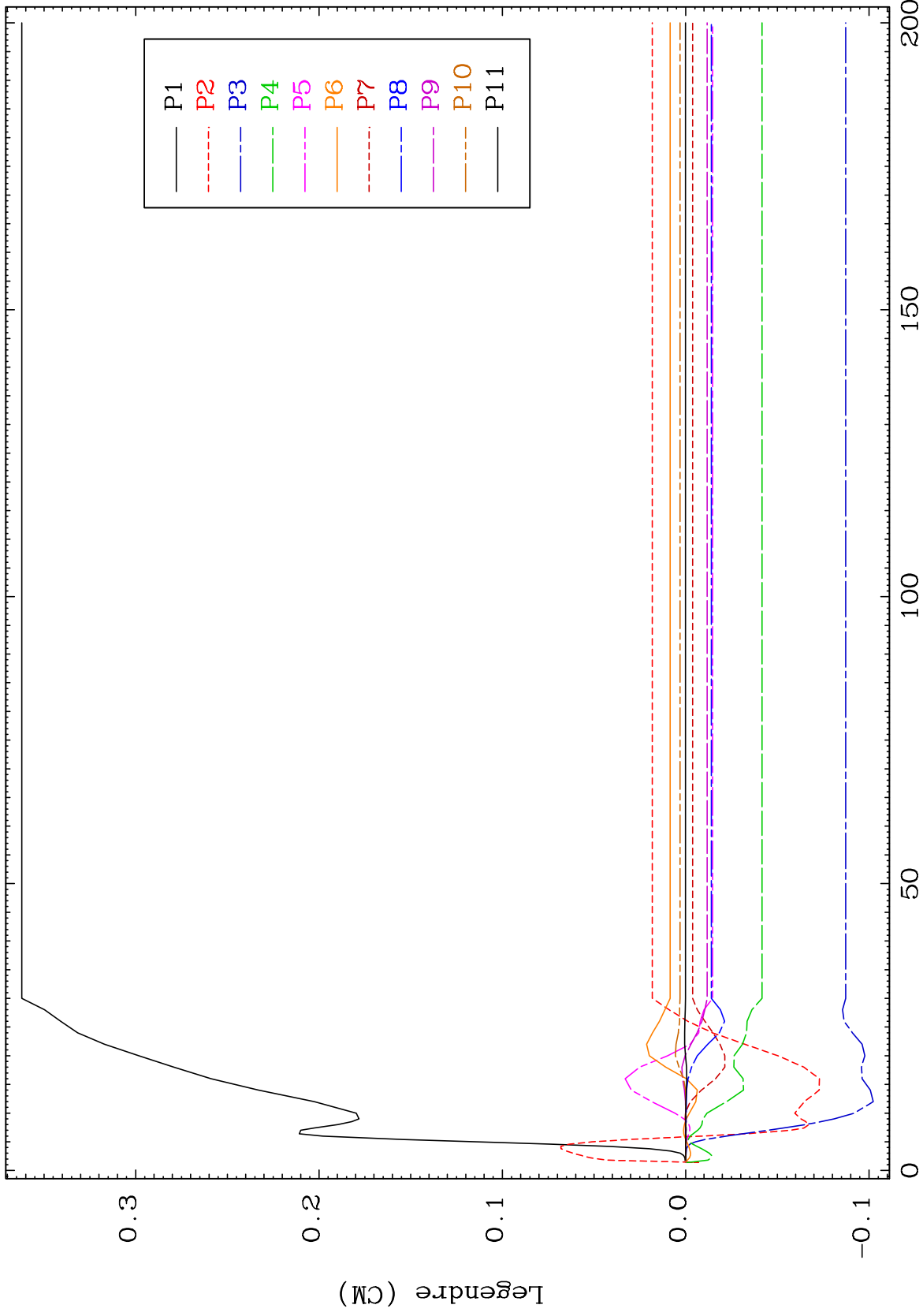
72-Hf-180



MAT 7243

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

72-Hf-180



89

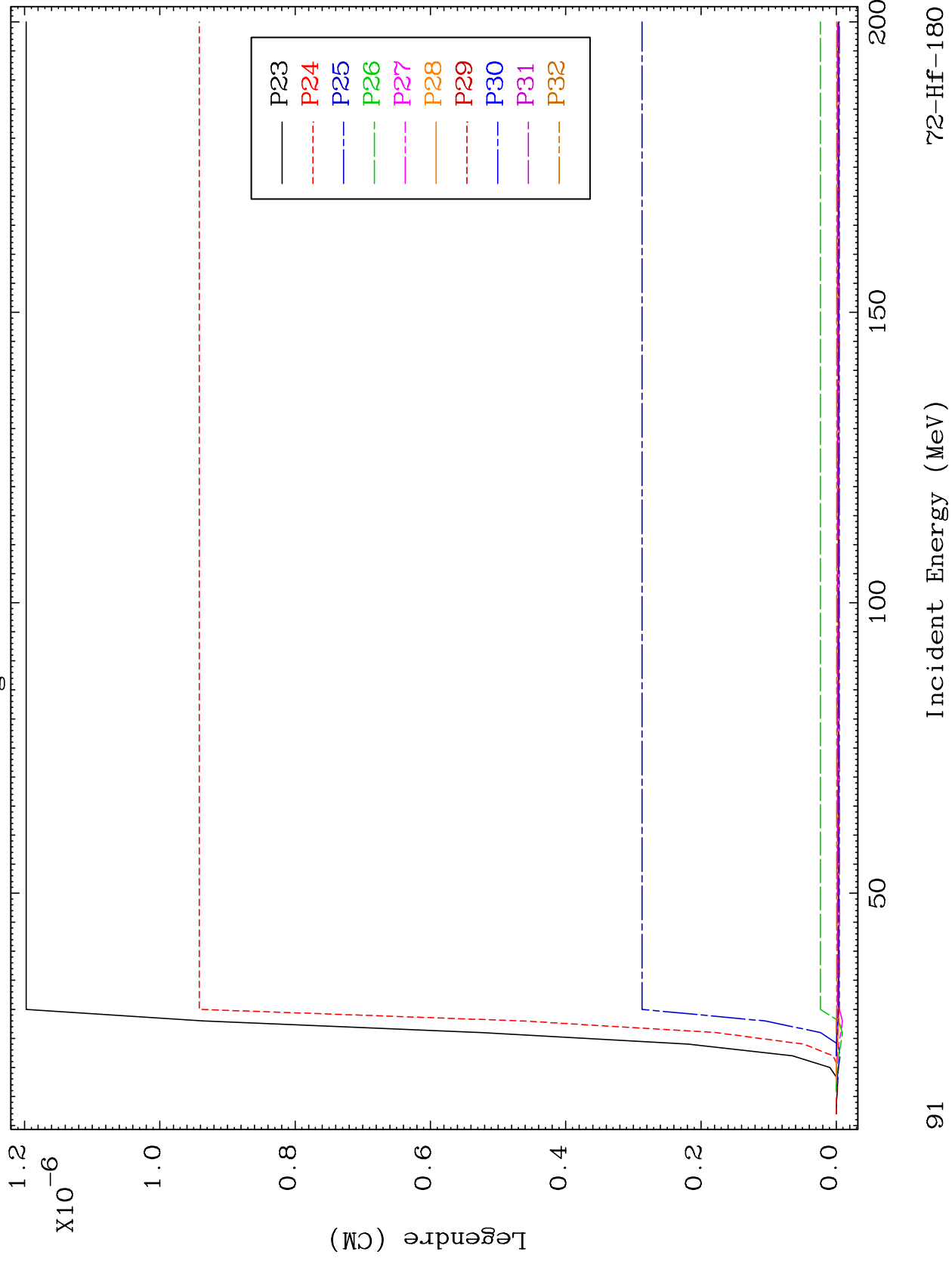
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

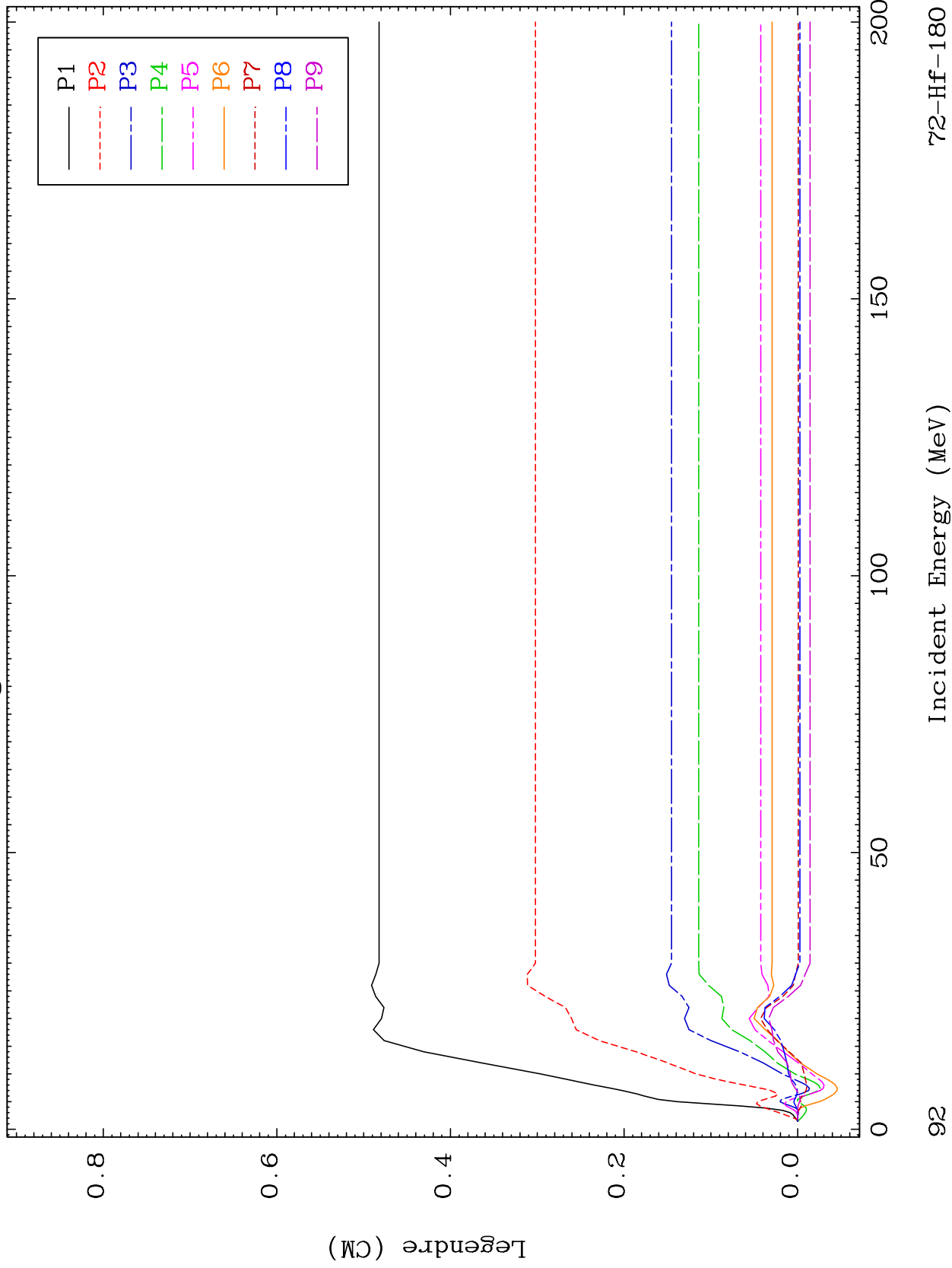
72-Hf-180



MAT 7243

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

72-Hf-180



72-Hf-180

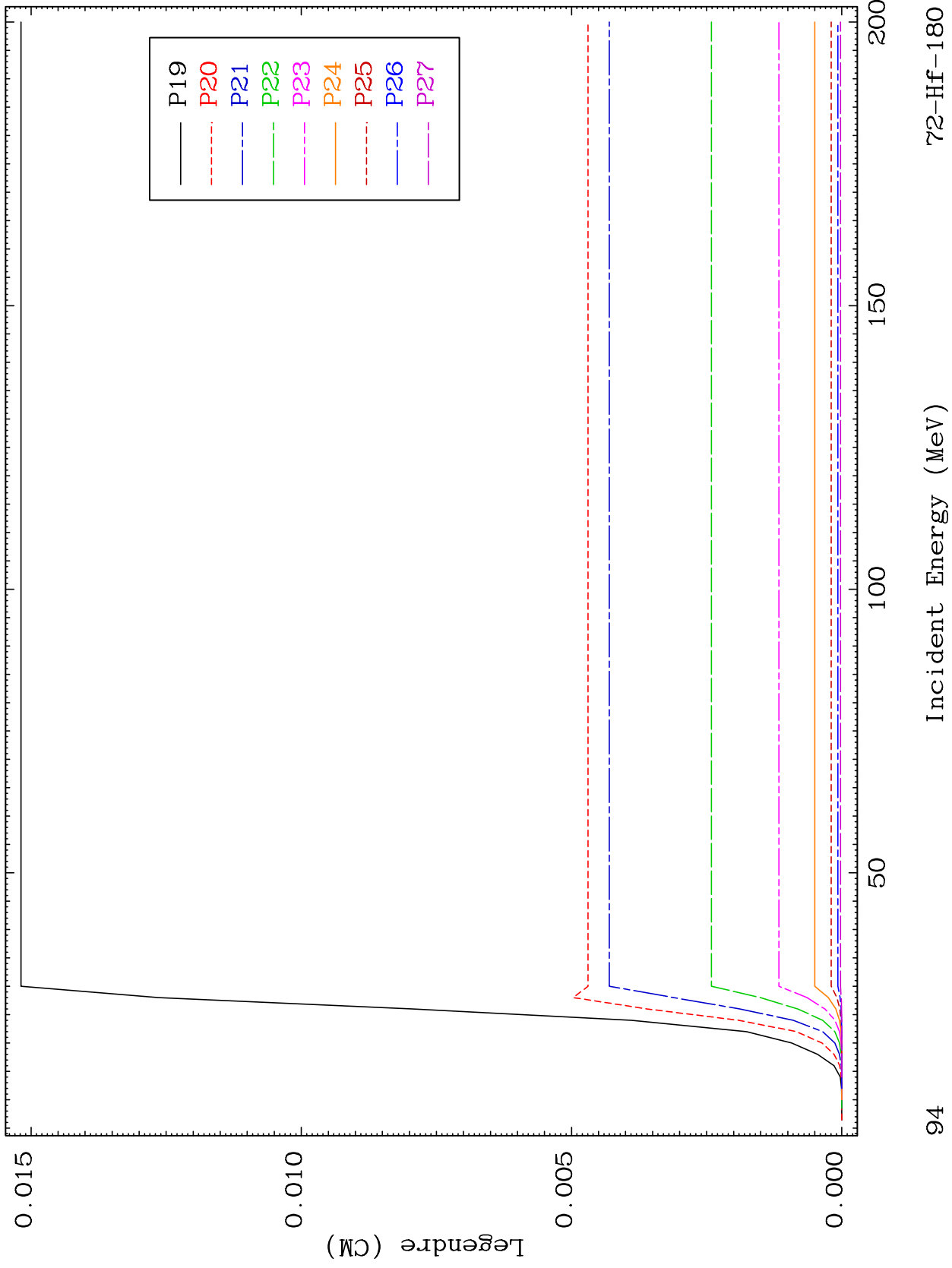
Incident Energy (MeV)

92

MAT 7243

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

72-Hf-180



94

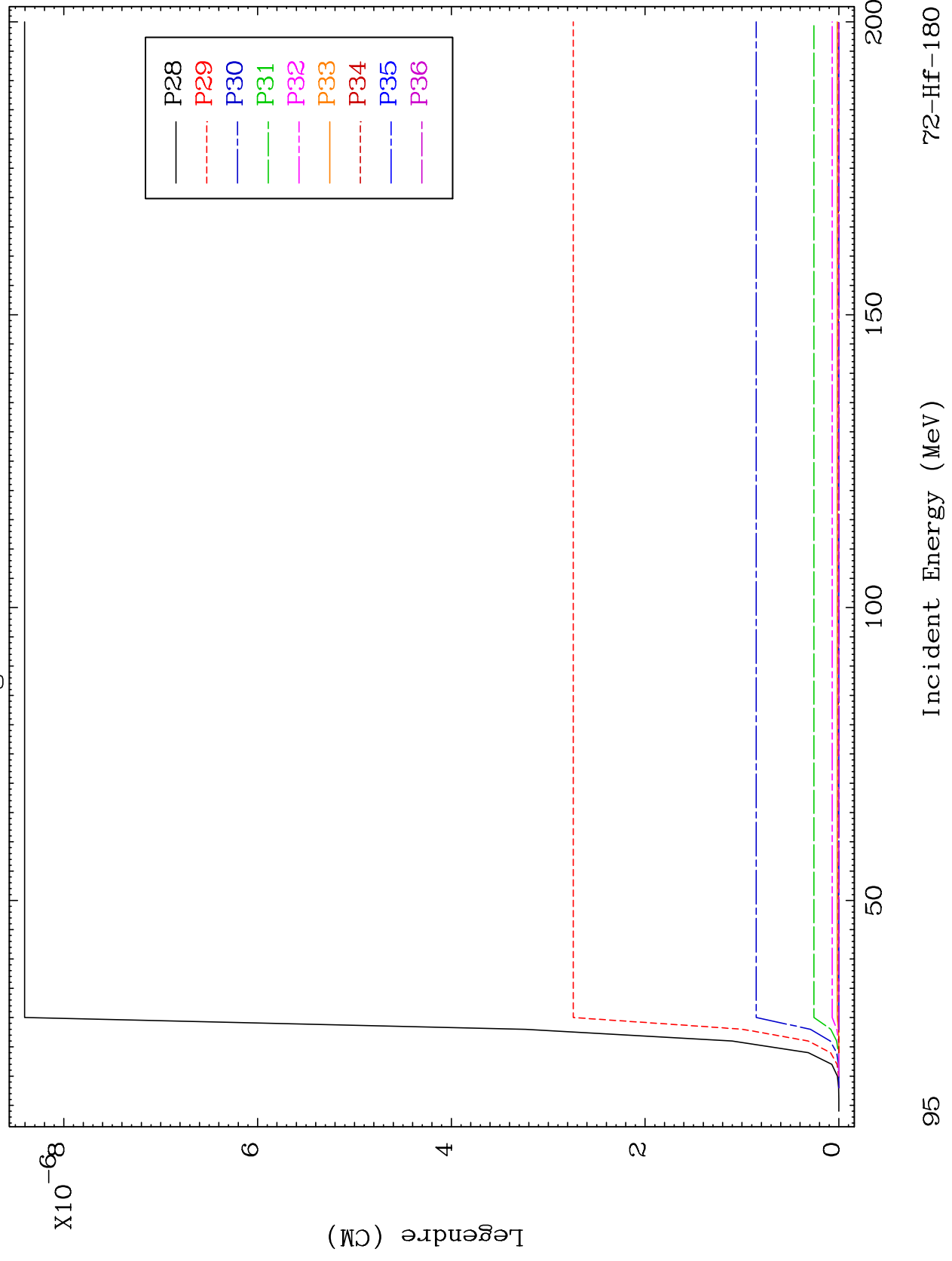
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

72-Hf-180



95

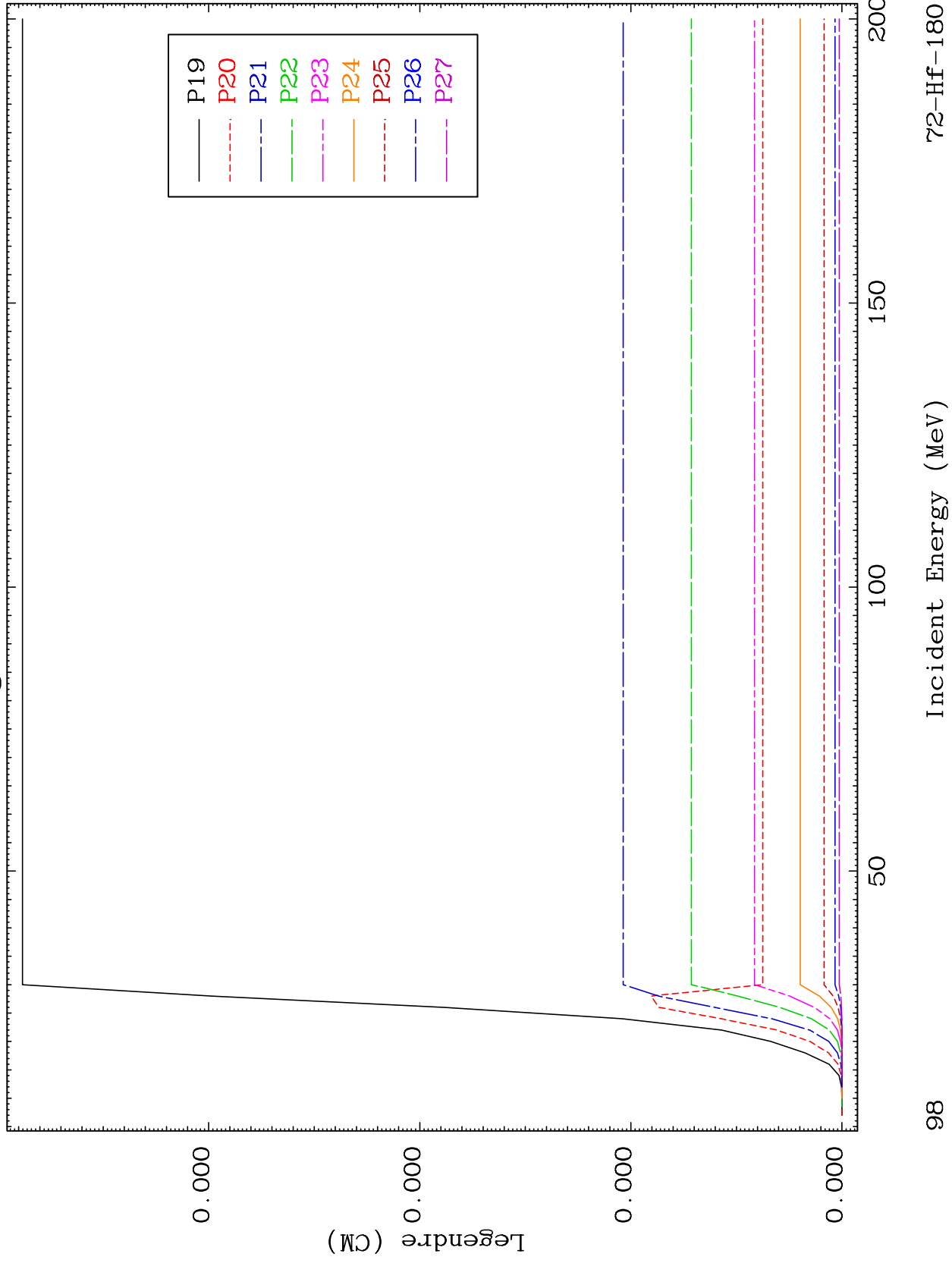
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

72-Hf-180



98

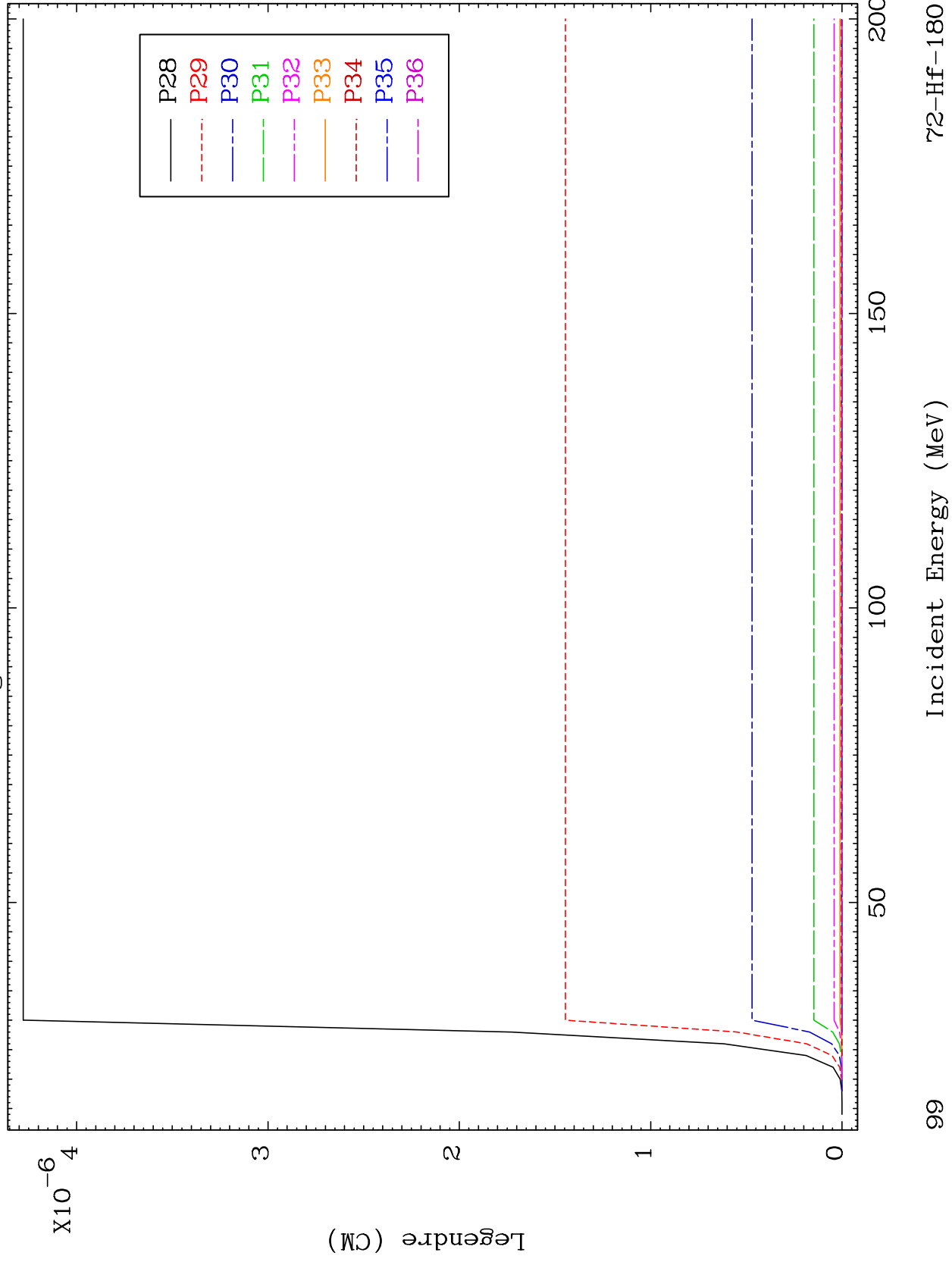
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

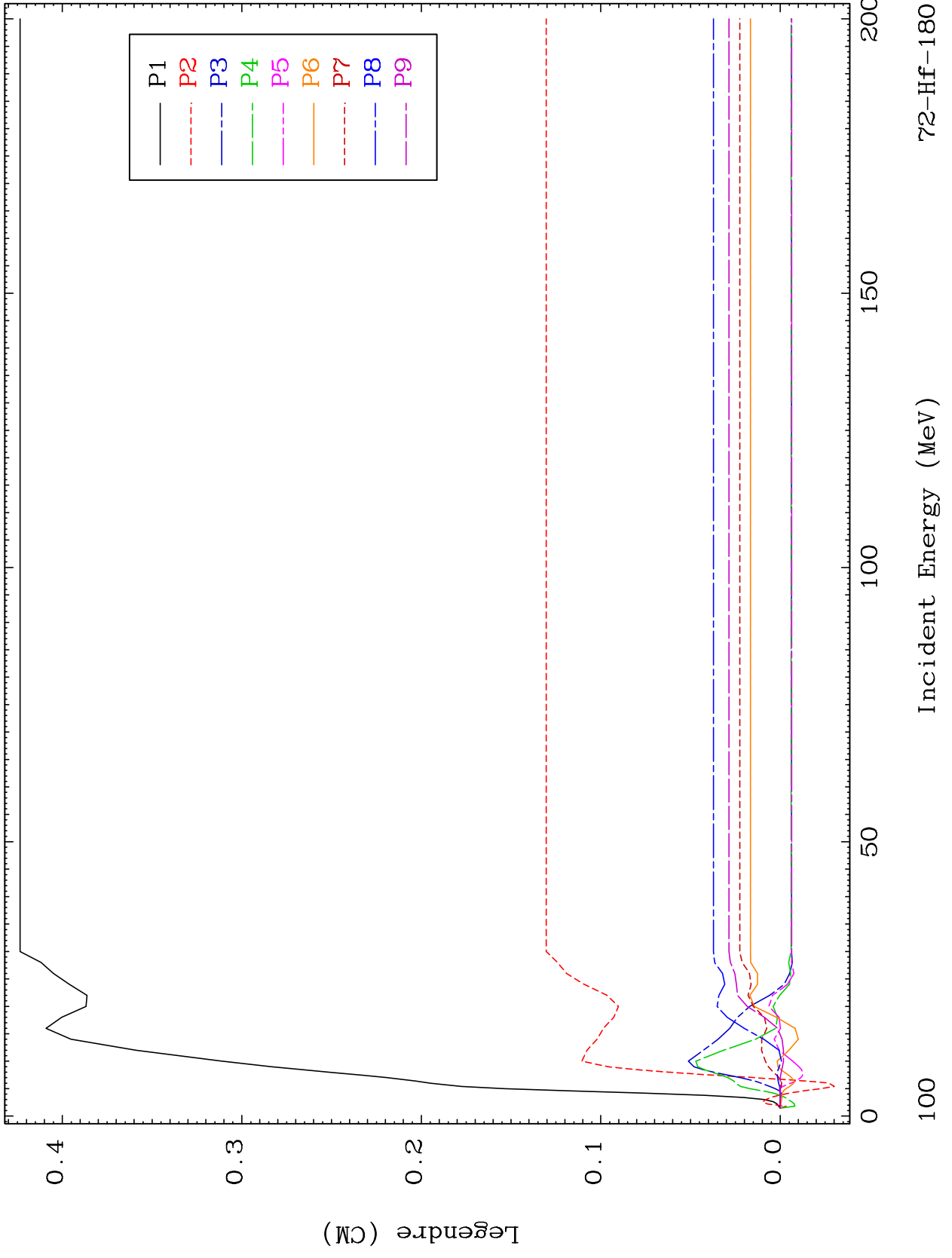
72-Hf-180



MAT 7243

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

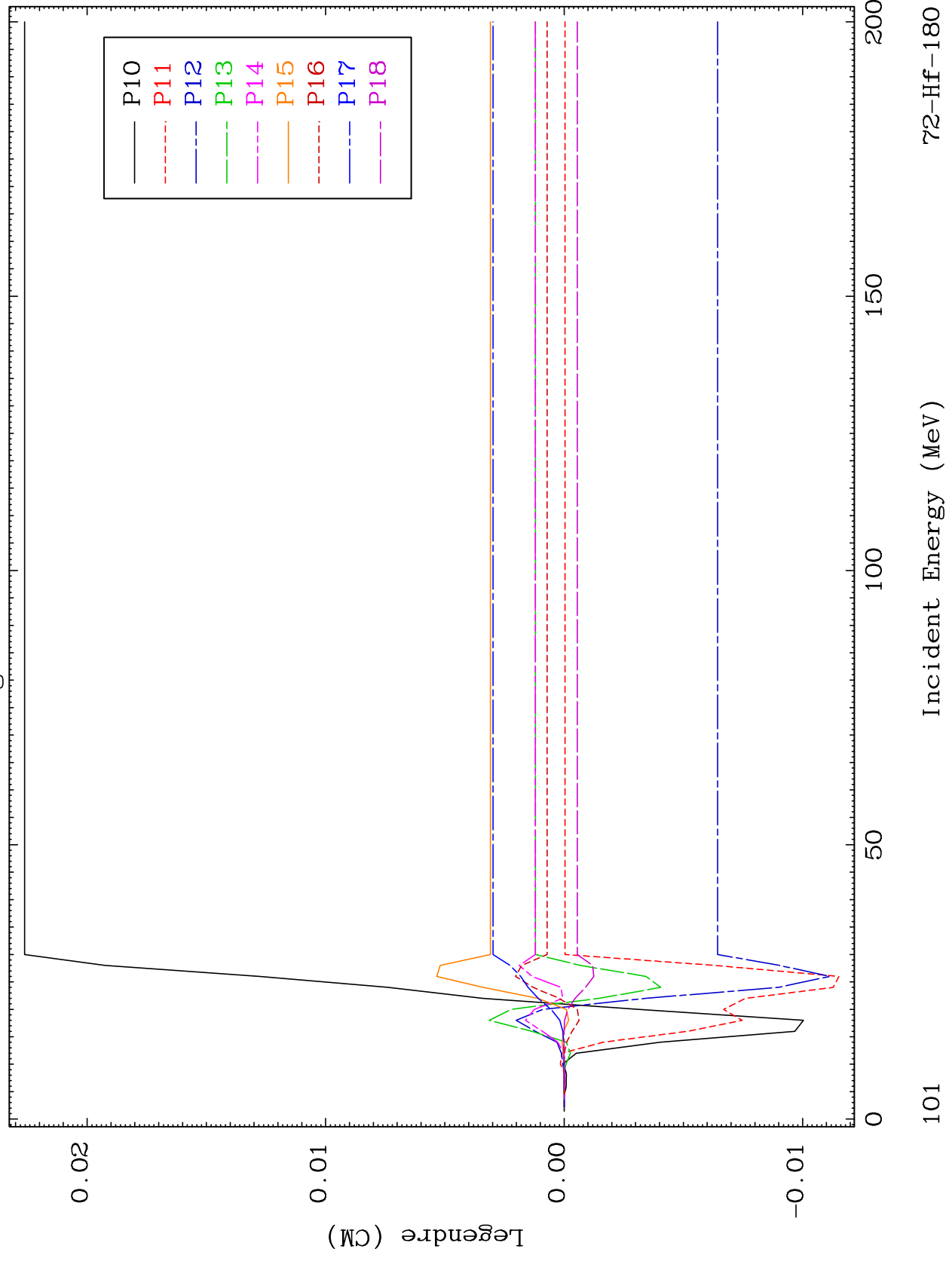
72-Hf-180



MAT 7243

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

72-Hf-180



72-Hf-180

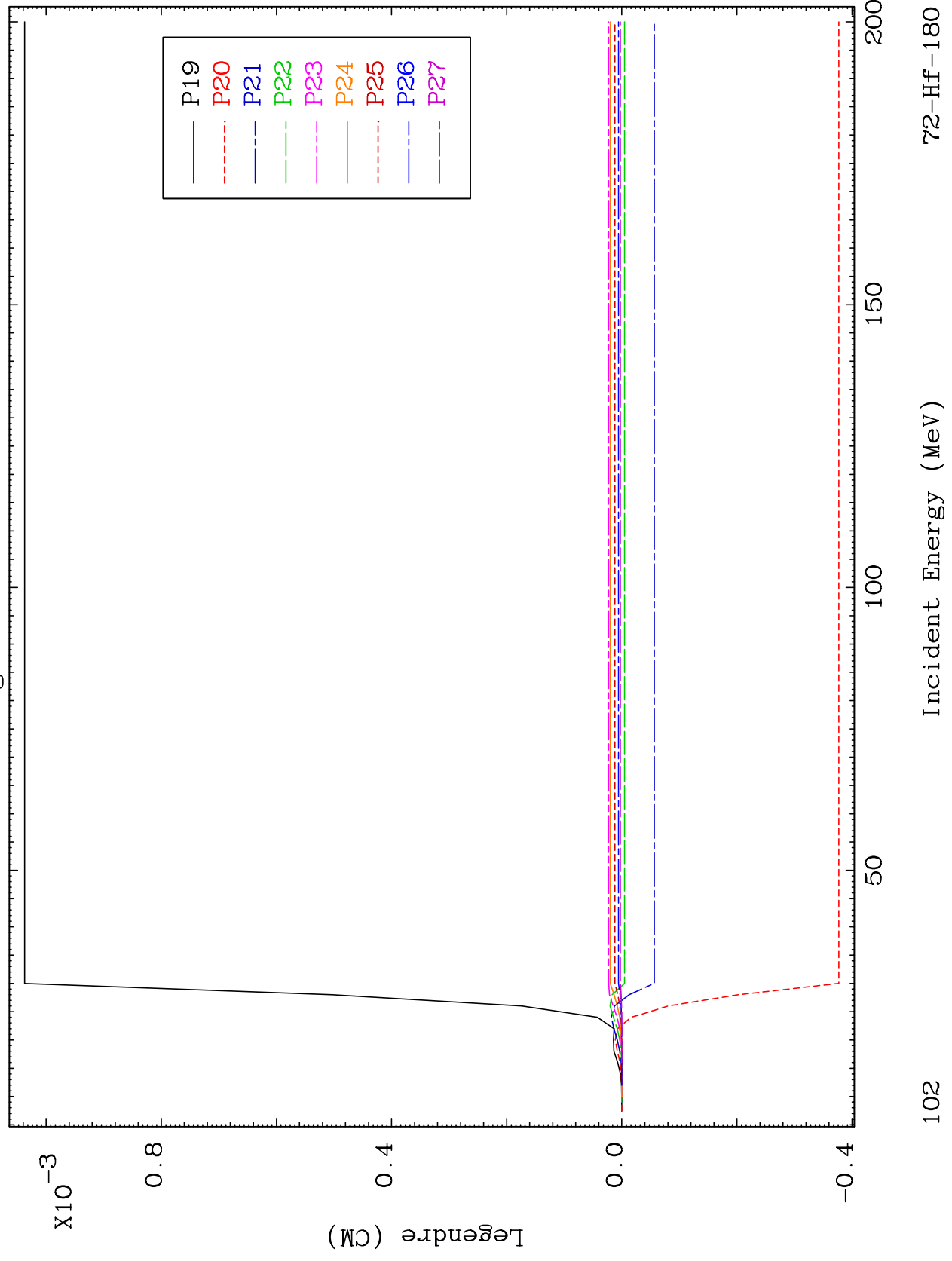
Incident Energy (MeV)

101

MAT 7243

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

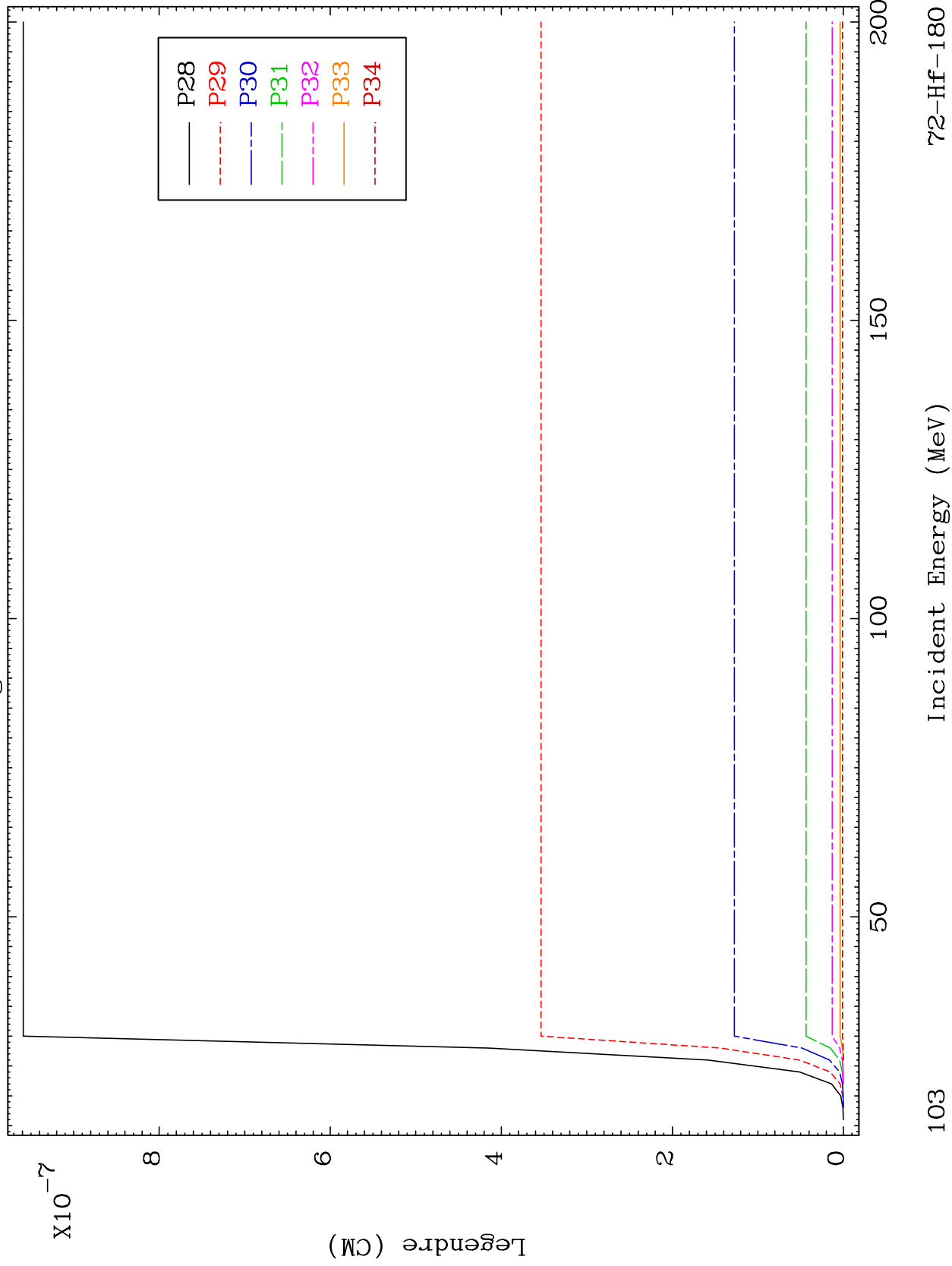
72-Hf-180



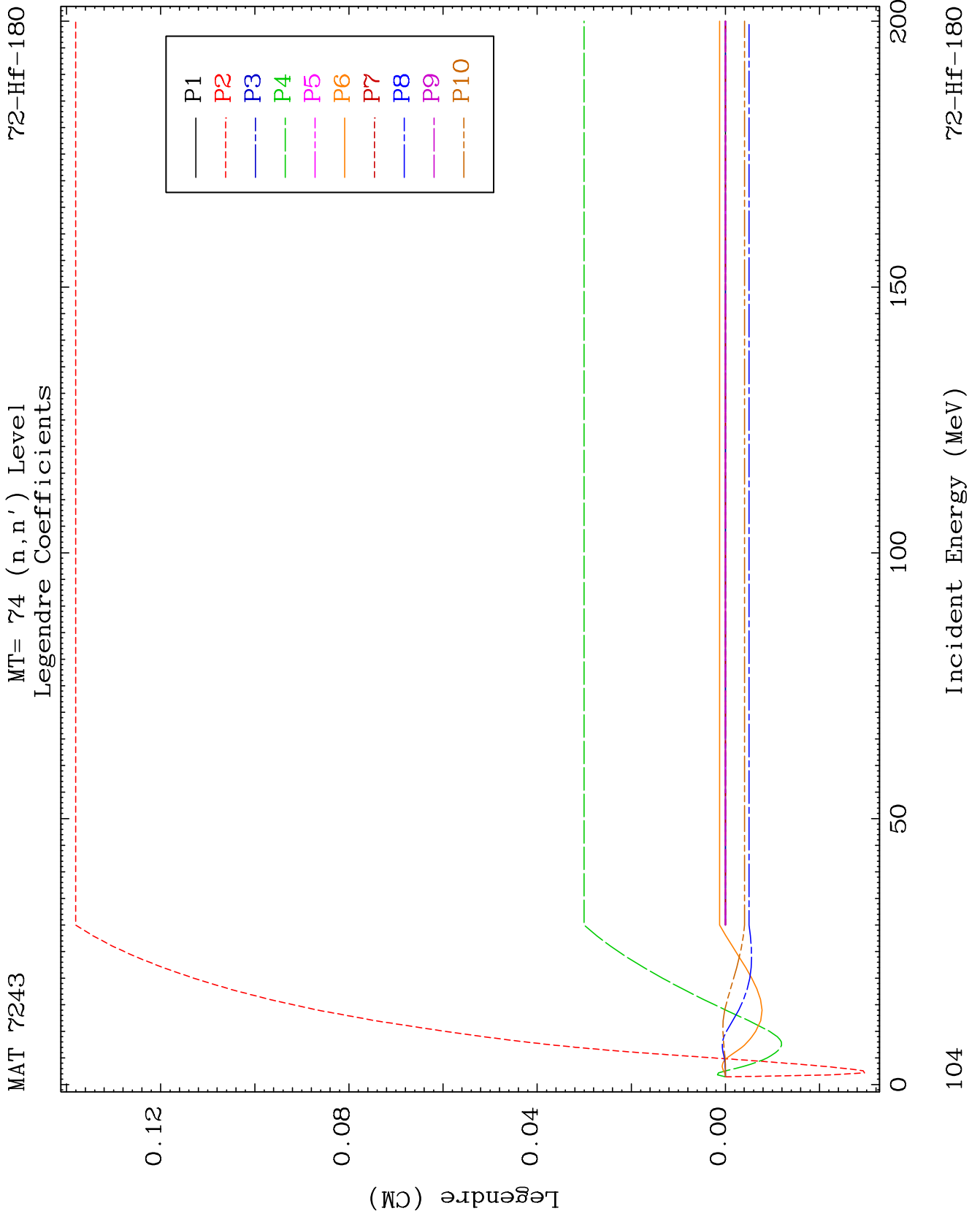
MAT 7243

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

72-Hf-180



103

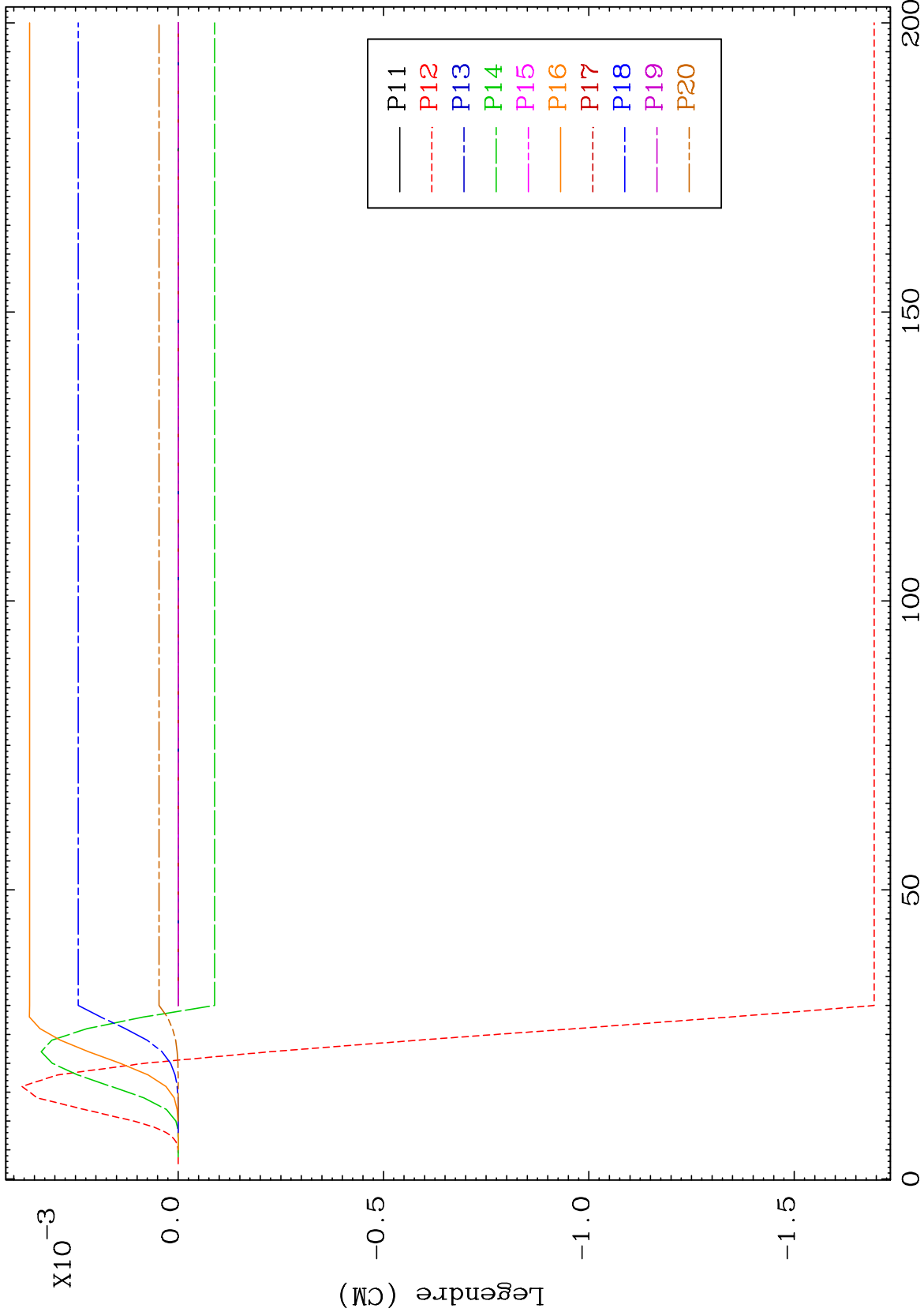


MAT 7243

MT= 74 (n,n') Level

72-Hf-180

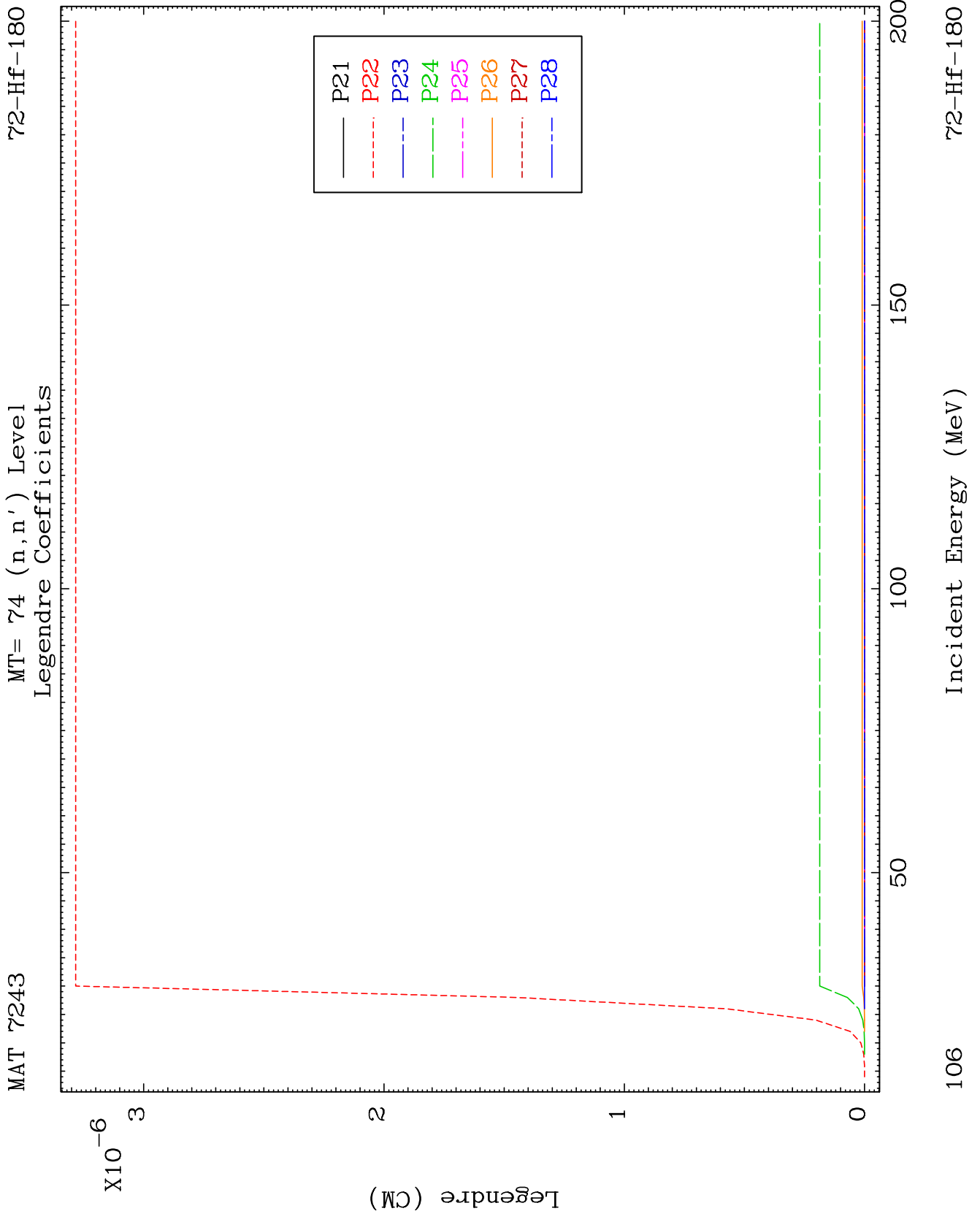
Legendre Coefficients

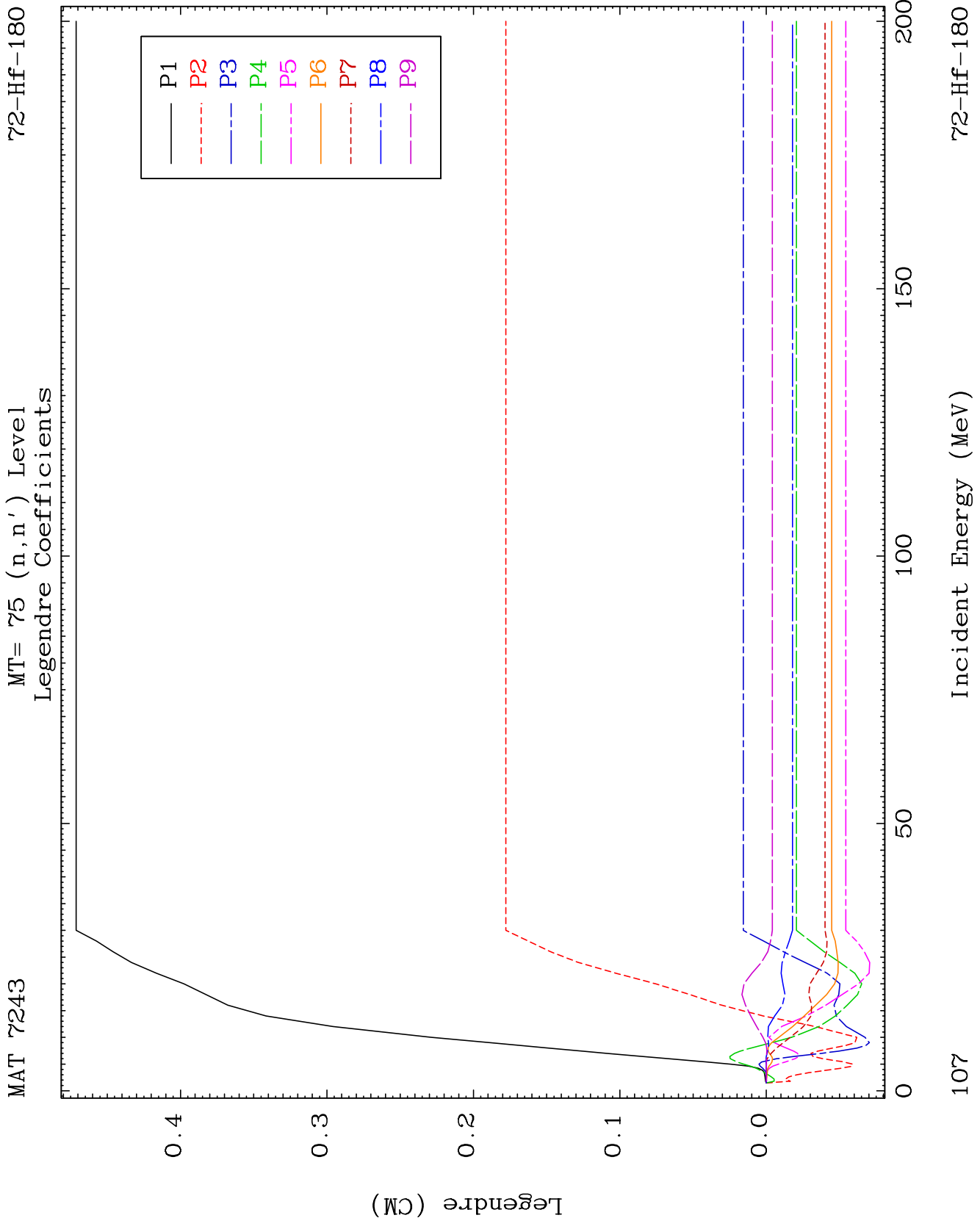


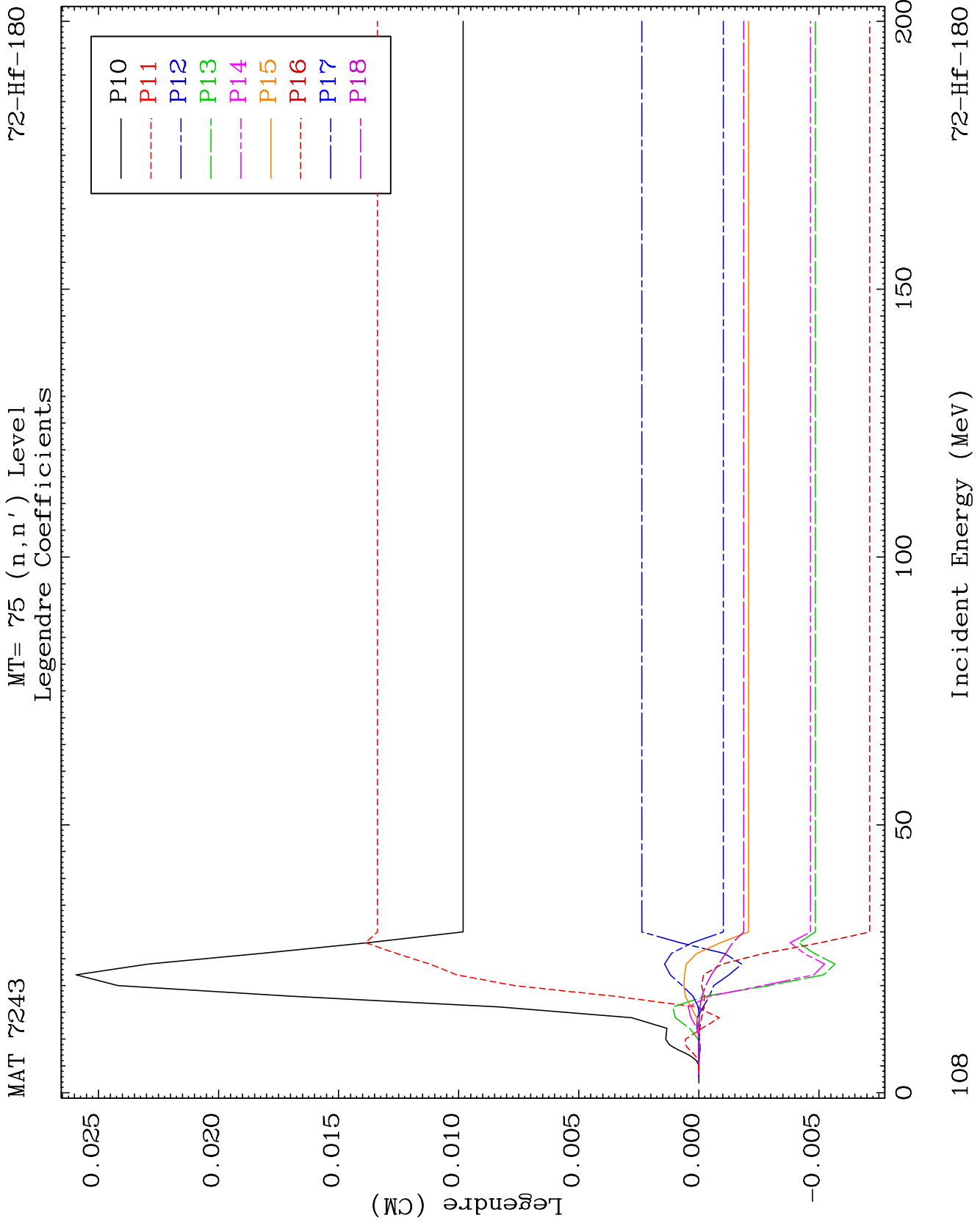
105

Incident Energy (MeV)

72-Hf-180



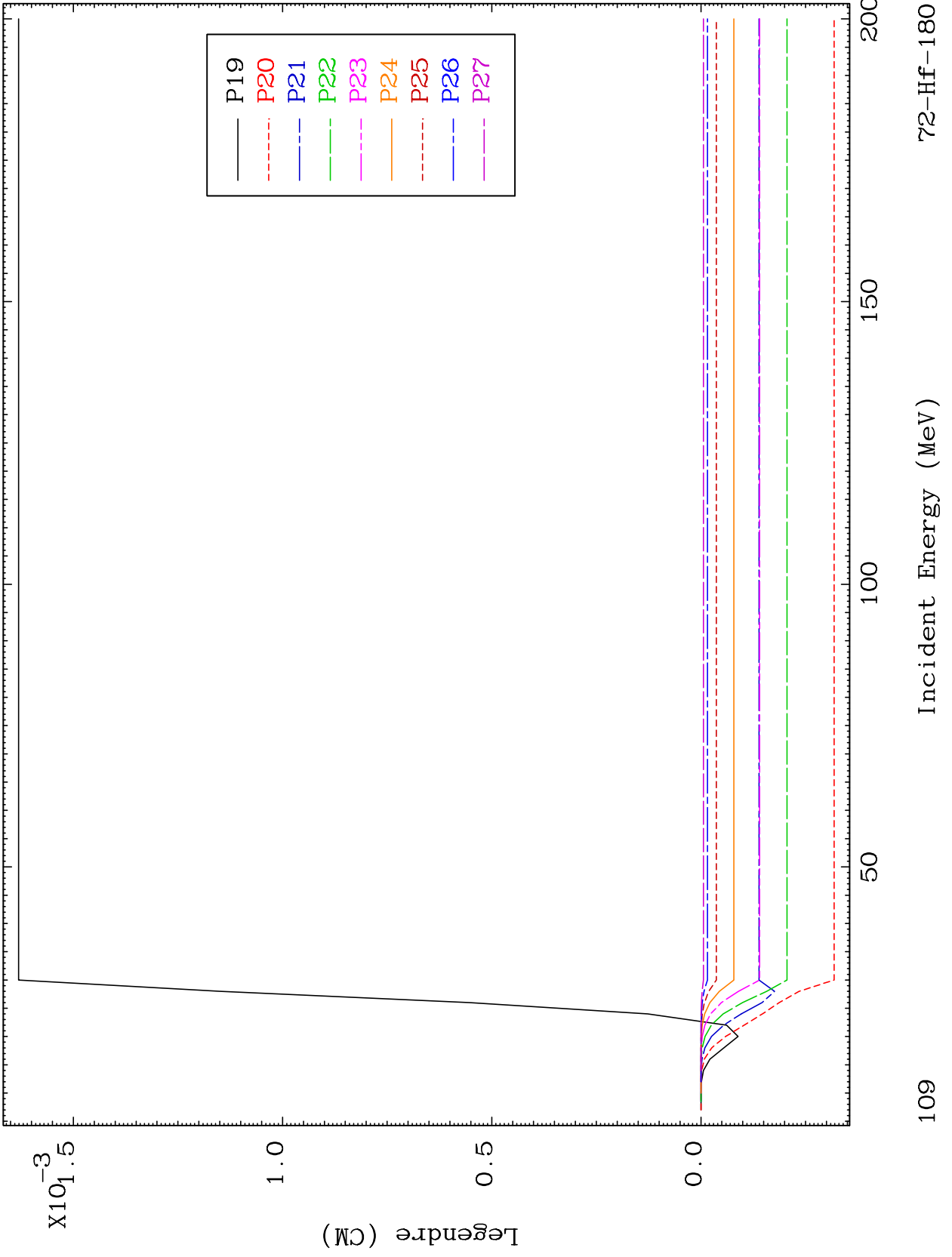


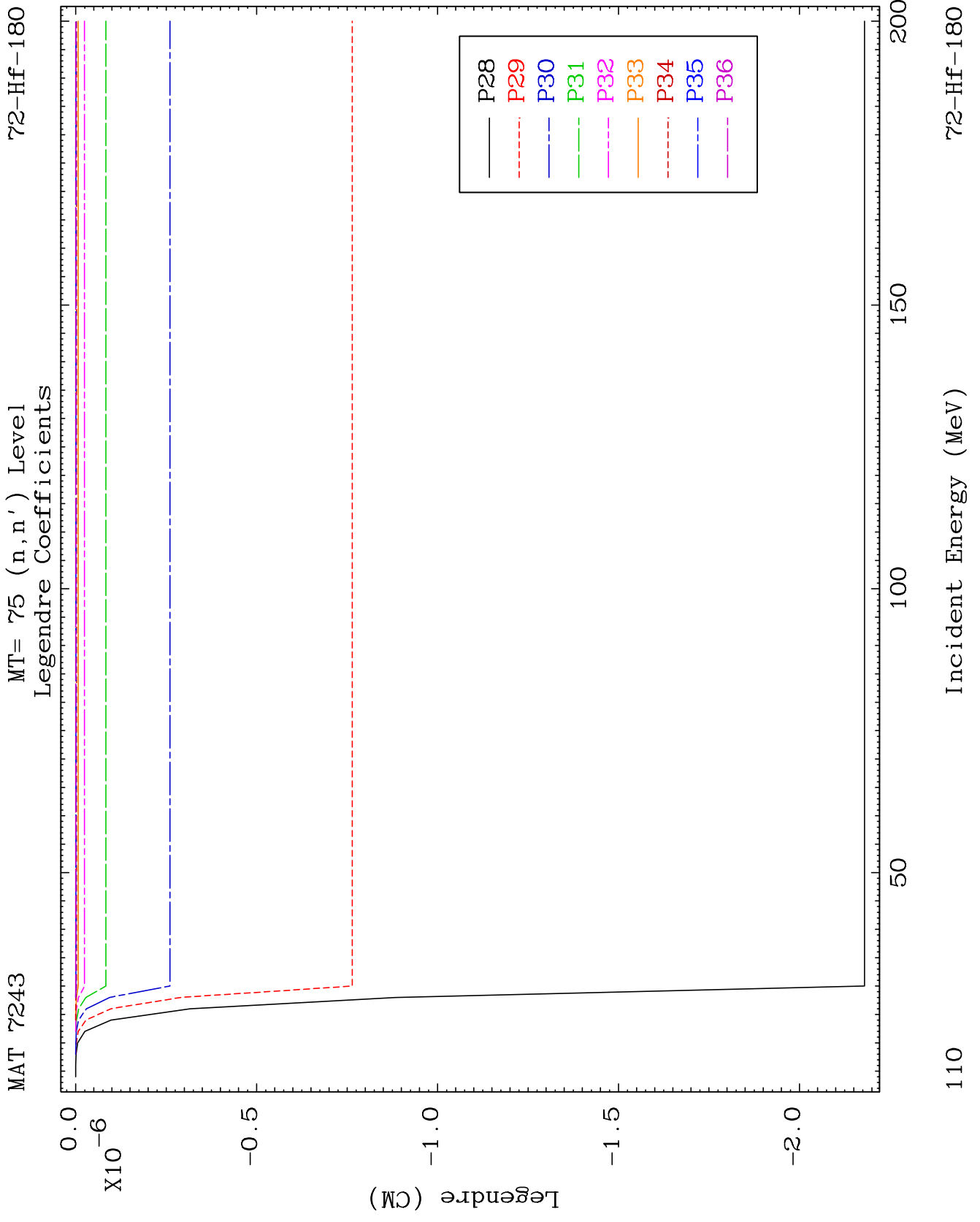


MAT 7243

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

72-Hf-180

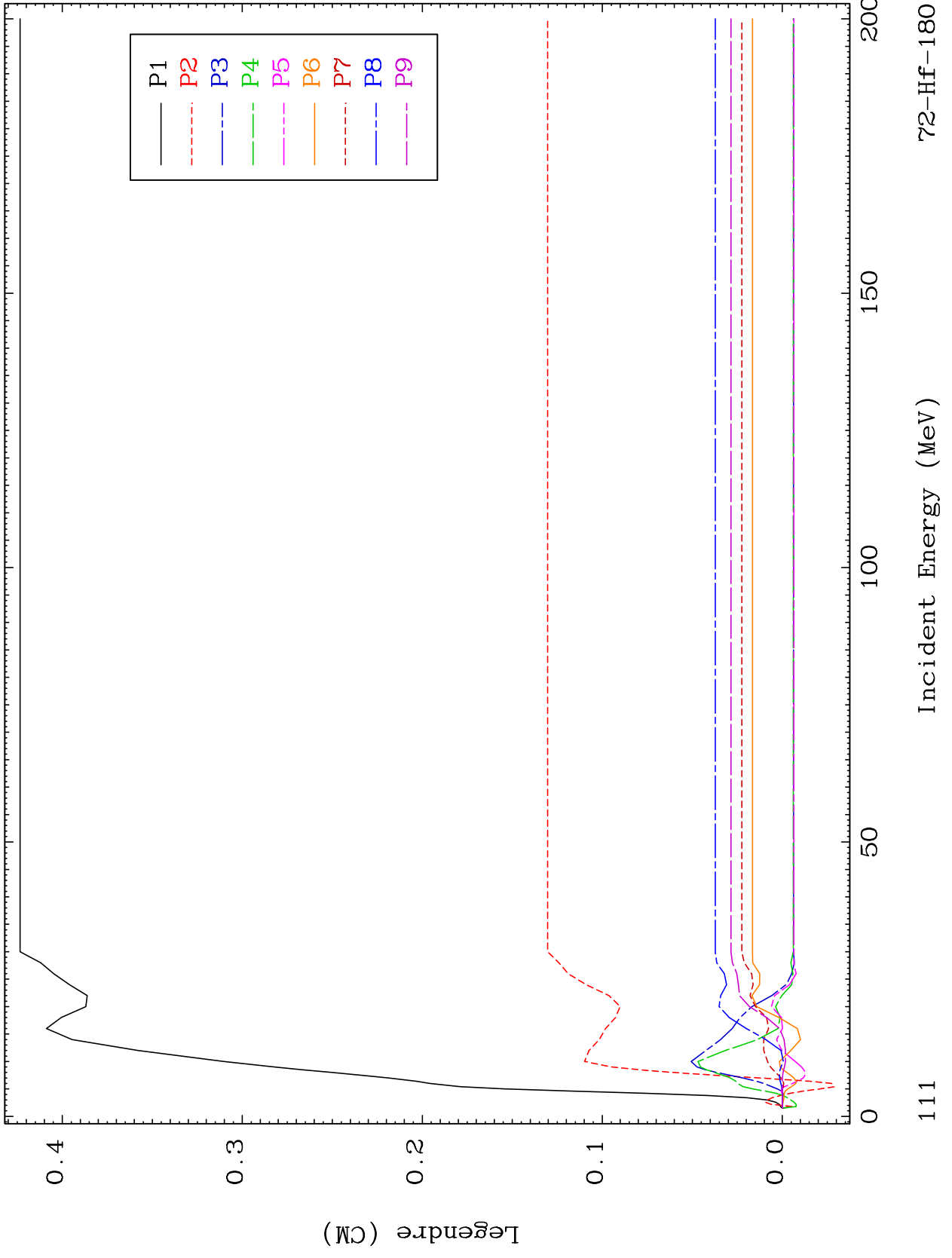




MAT 7243

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

72-Hf-180



111

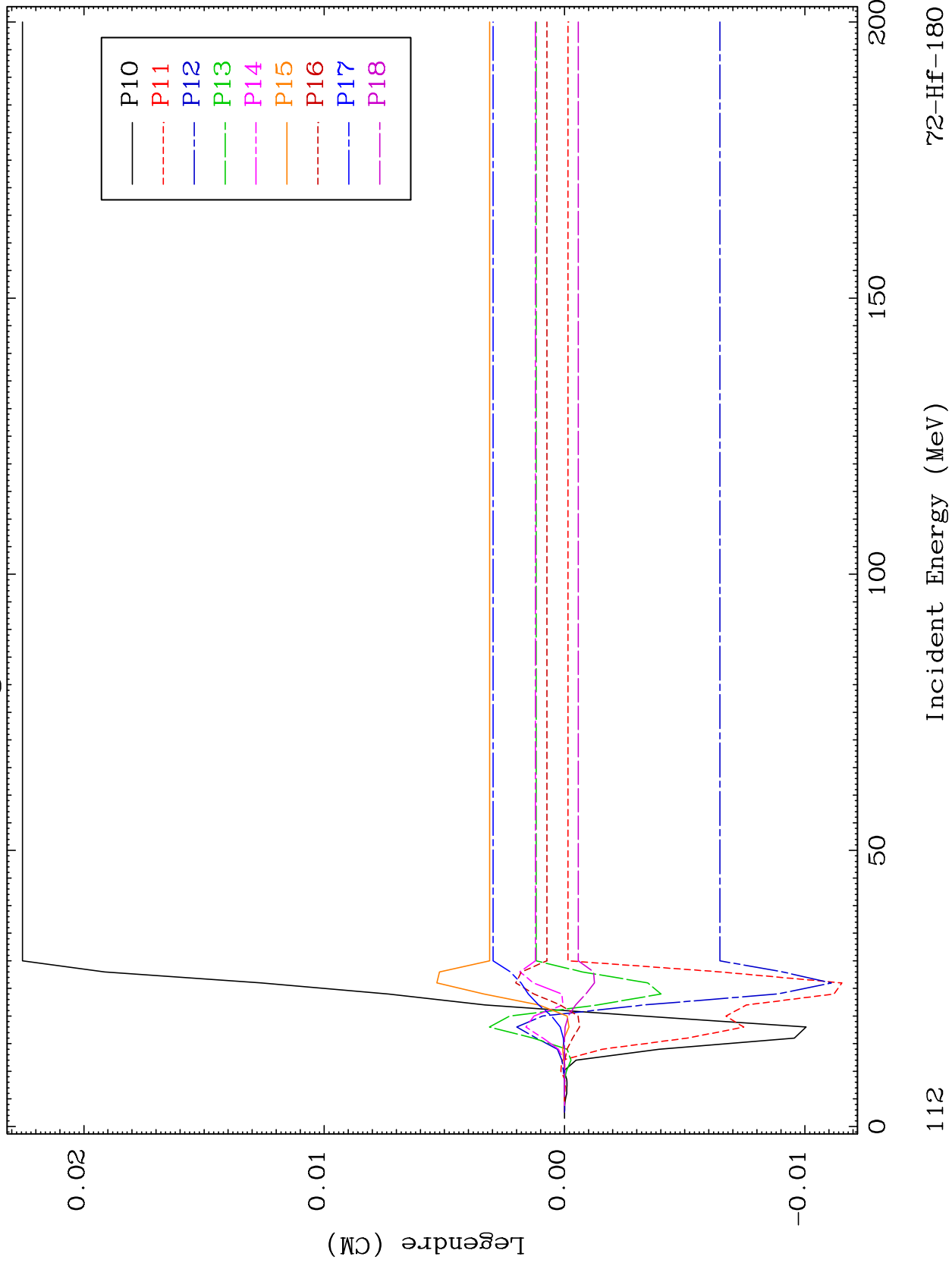
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

72-Hf-180



72-Hf-180

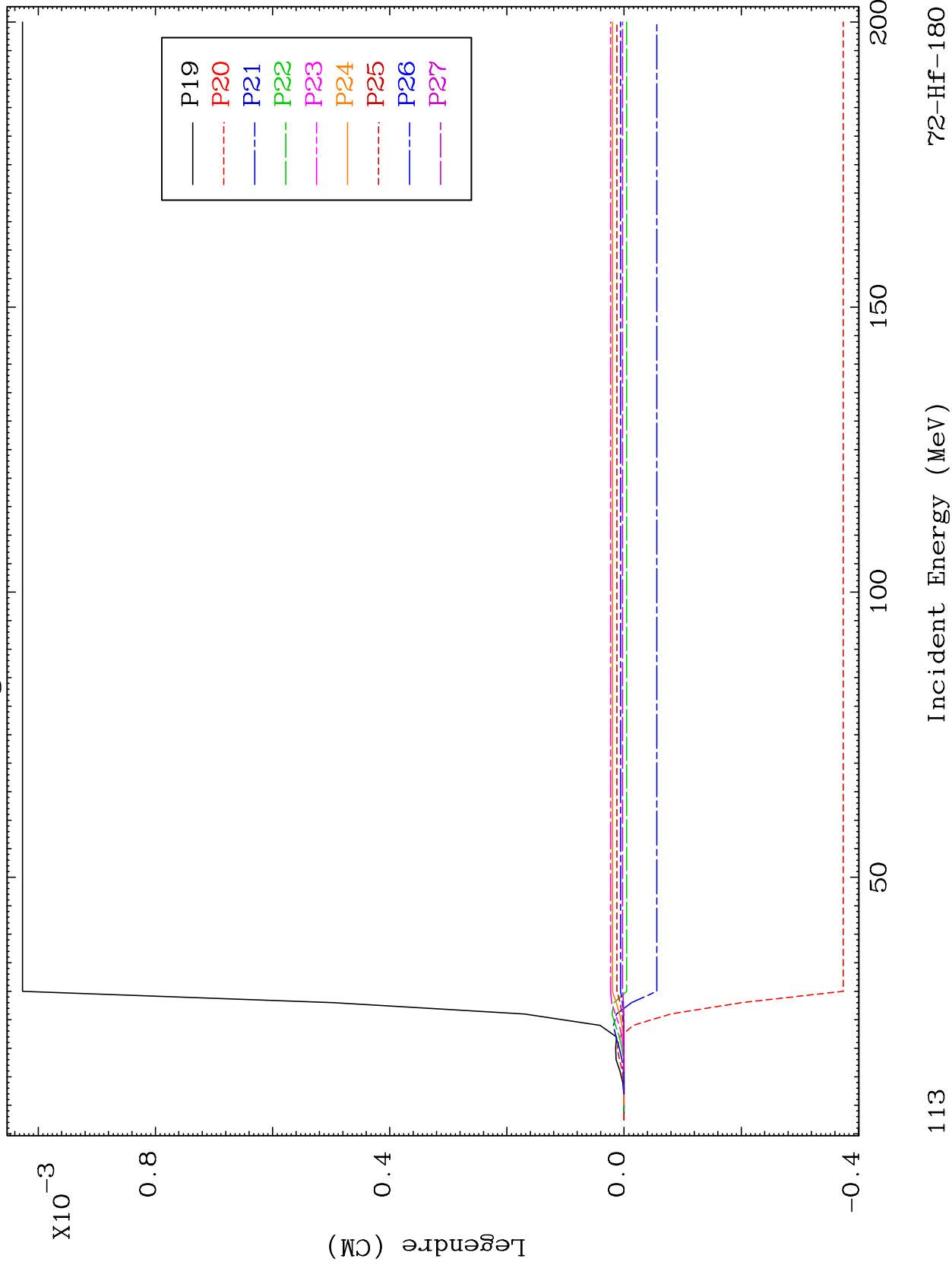
Incident Energy (MeV)

112

MAT 7243

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

72-Hf-180



113

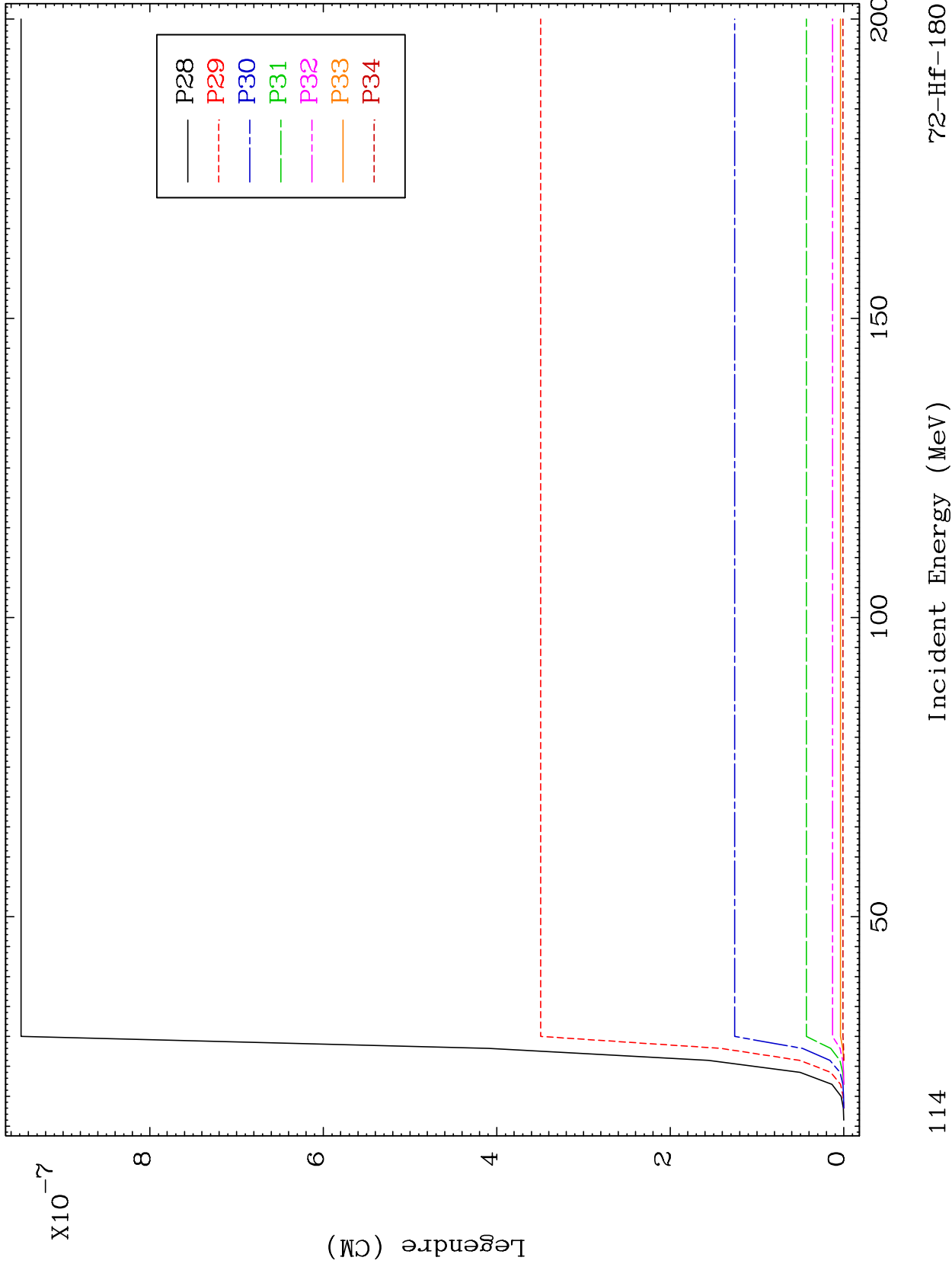
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

72-Hf-180



114

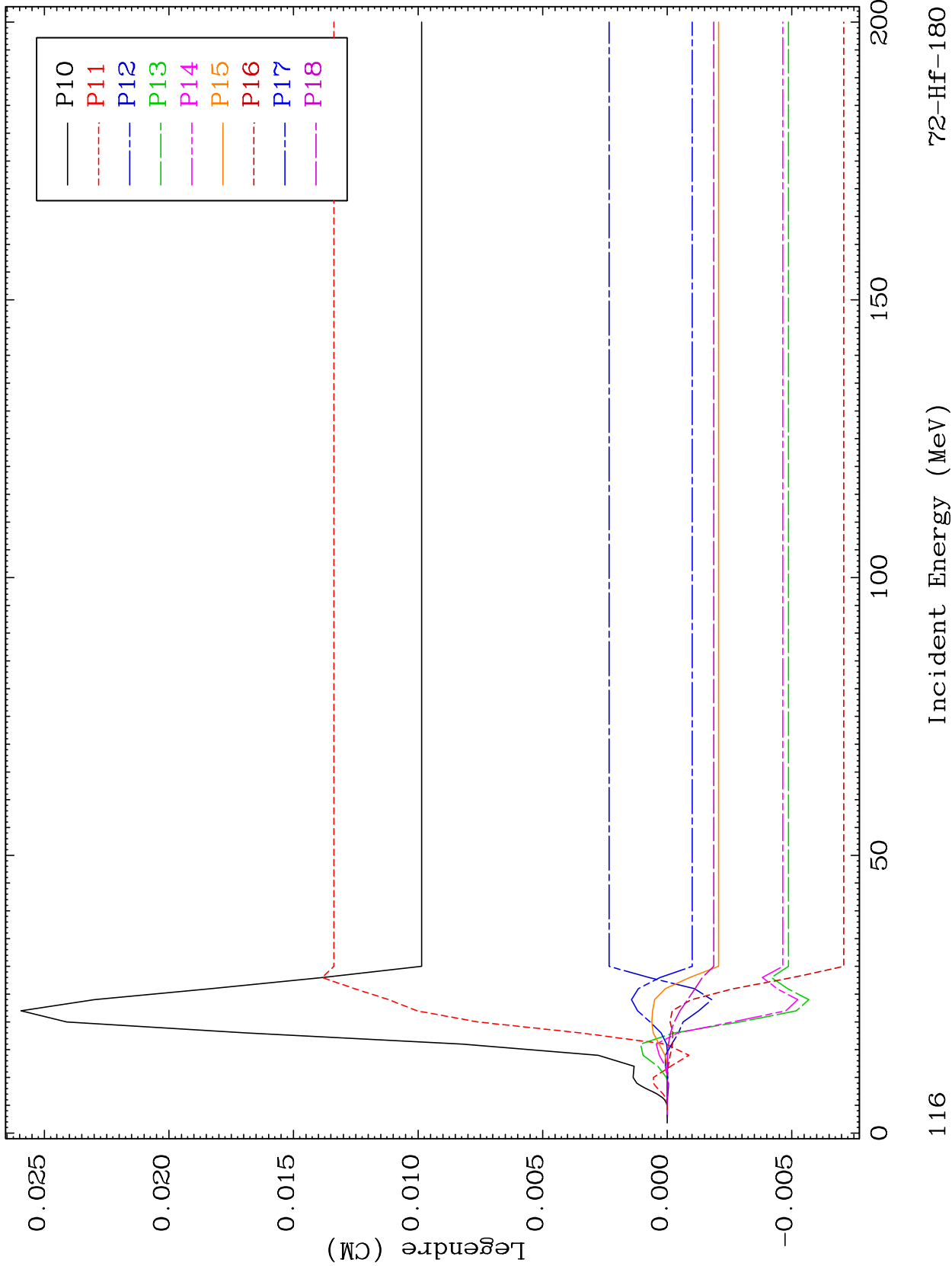
Incident Energy (MeV)

72-Hf-180

MAT 7243

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

72-Hf-180



116

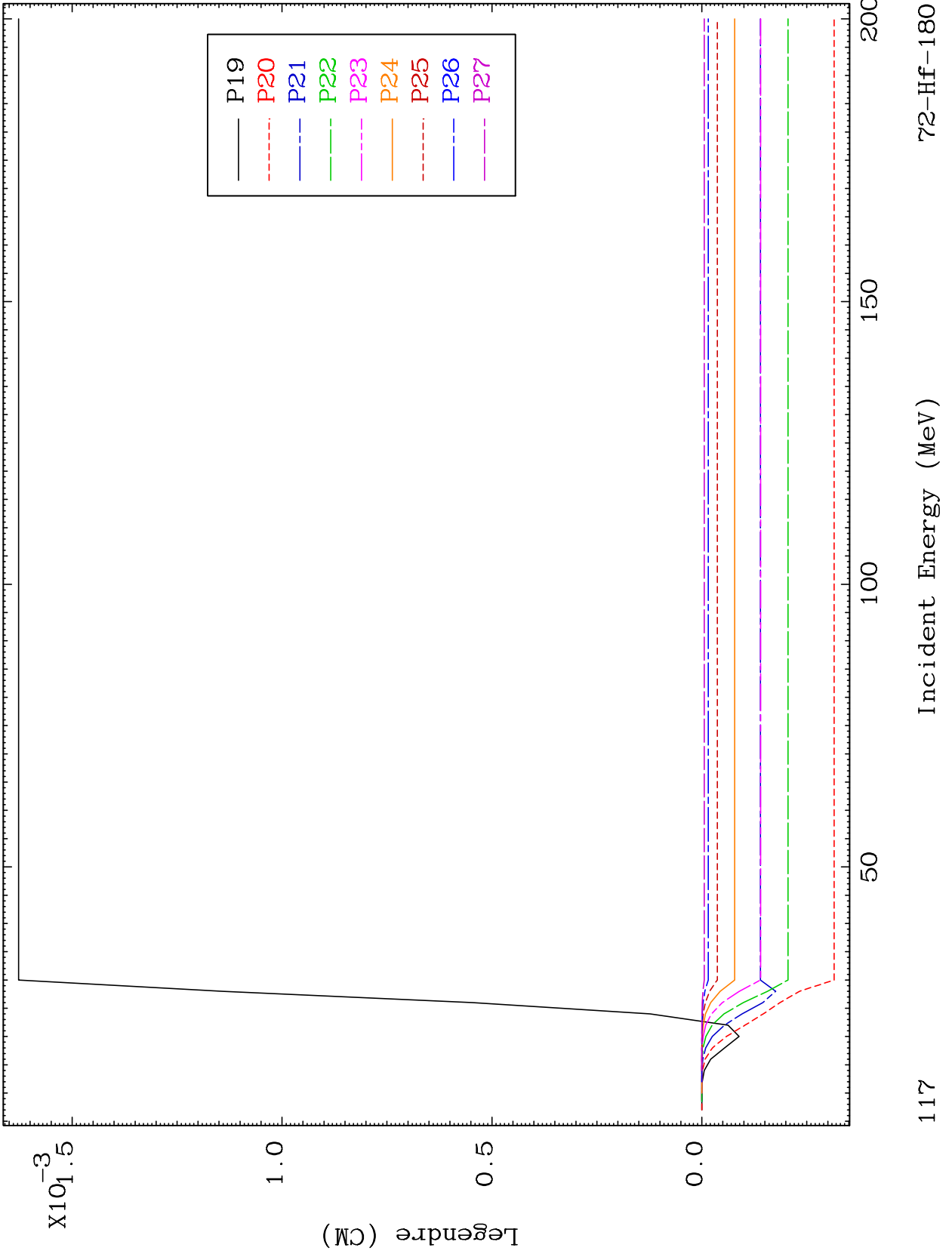
Incident Energy (MeV)

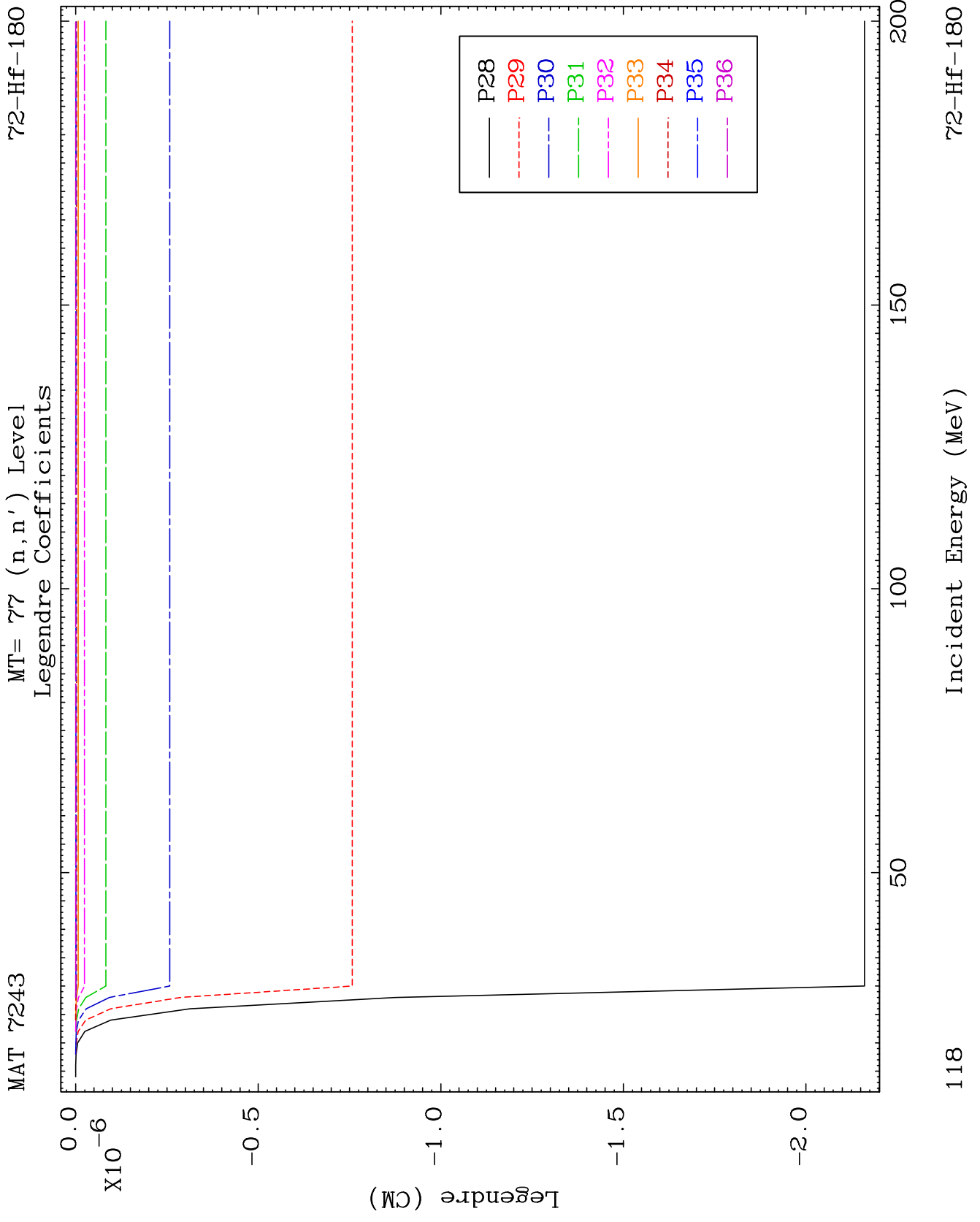
72-Hf-180

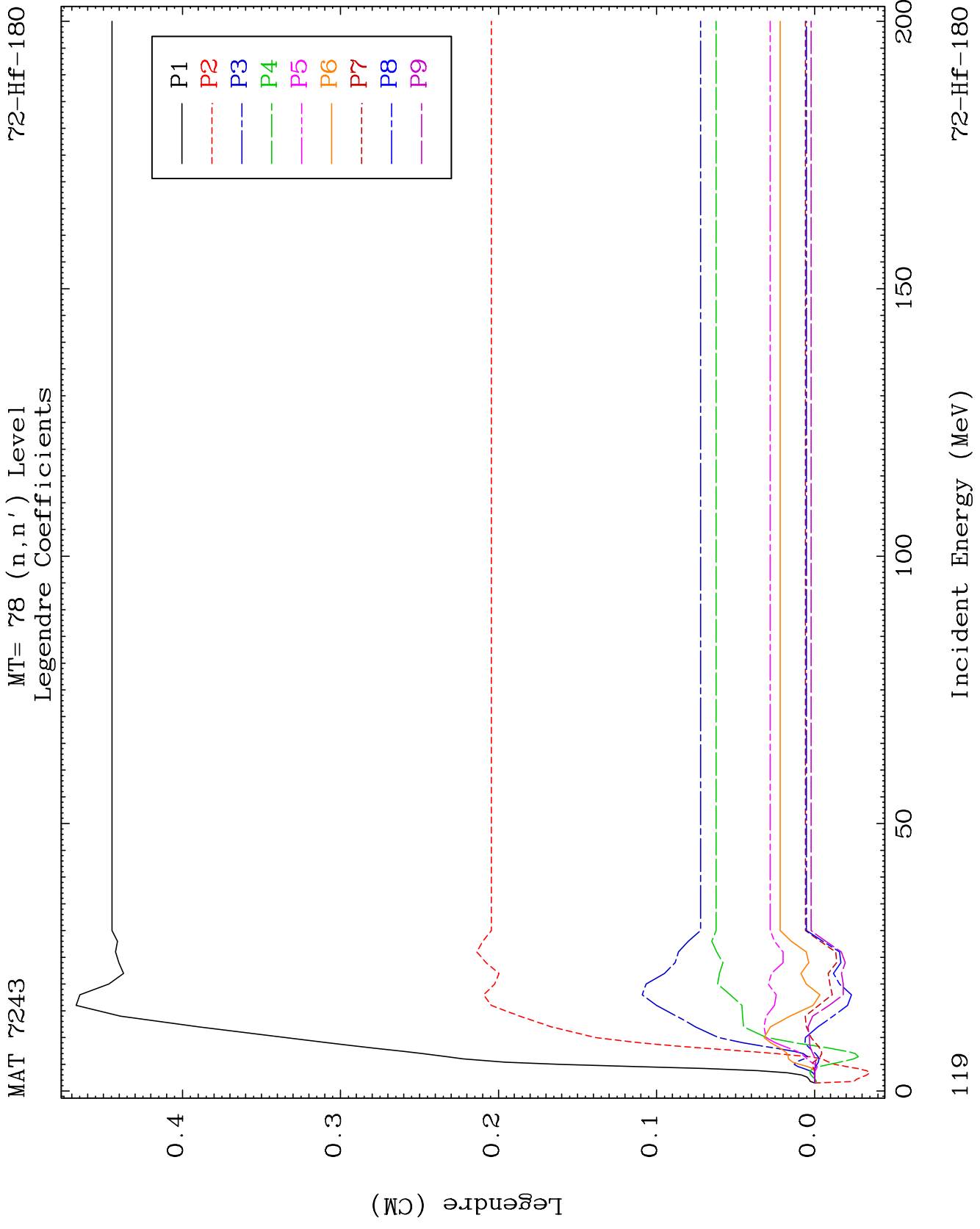
MAT 7243

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

72-Hf-180



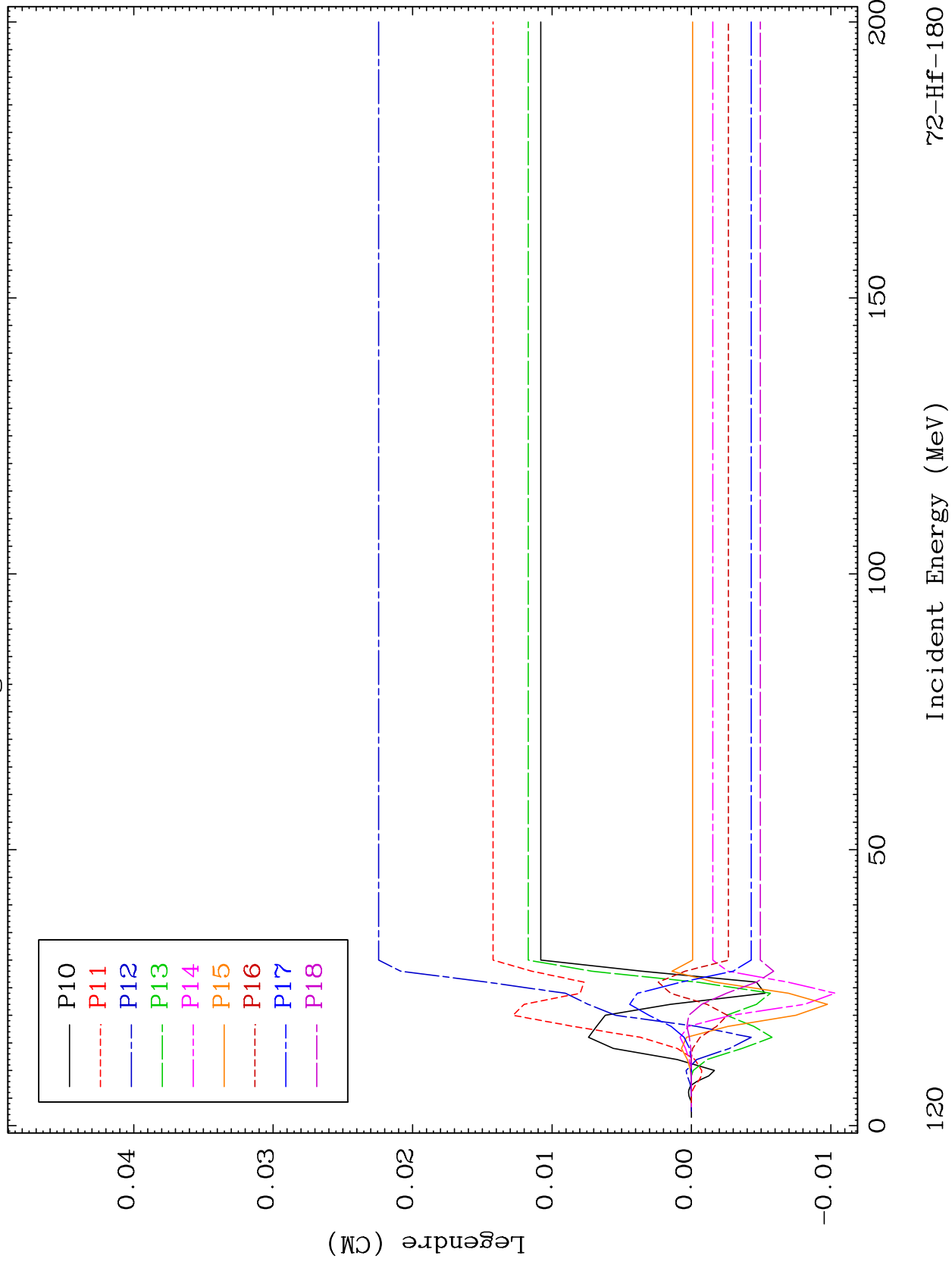




MAT 7243

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

72-Hf-180



72-Hf-180

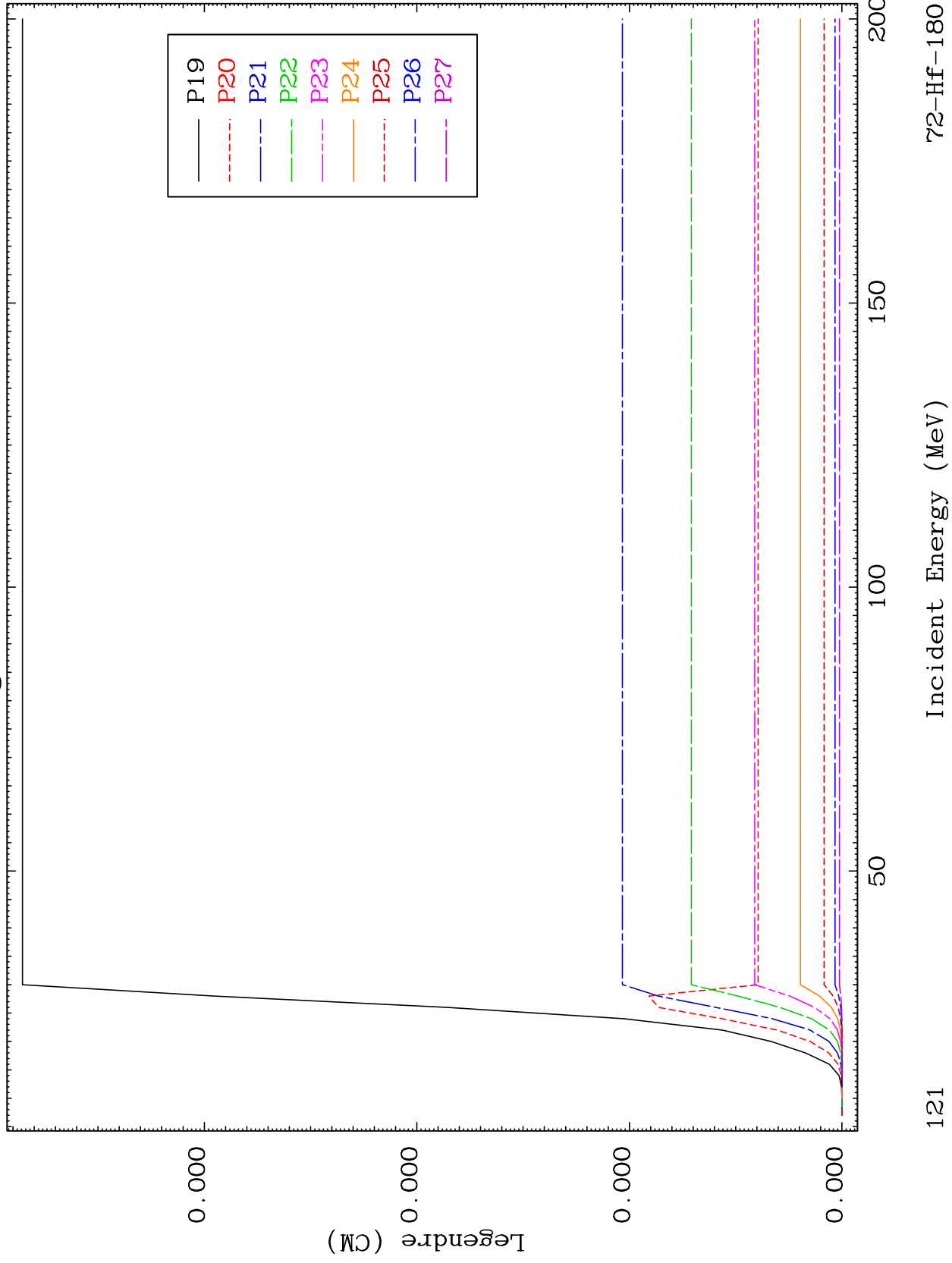
Incident Energy (MeV)

120

MAT 7243

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

72-Hf-180



121

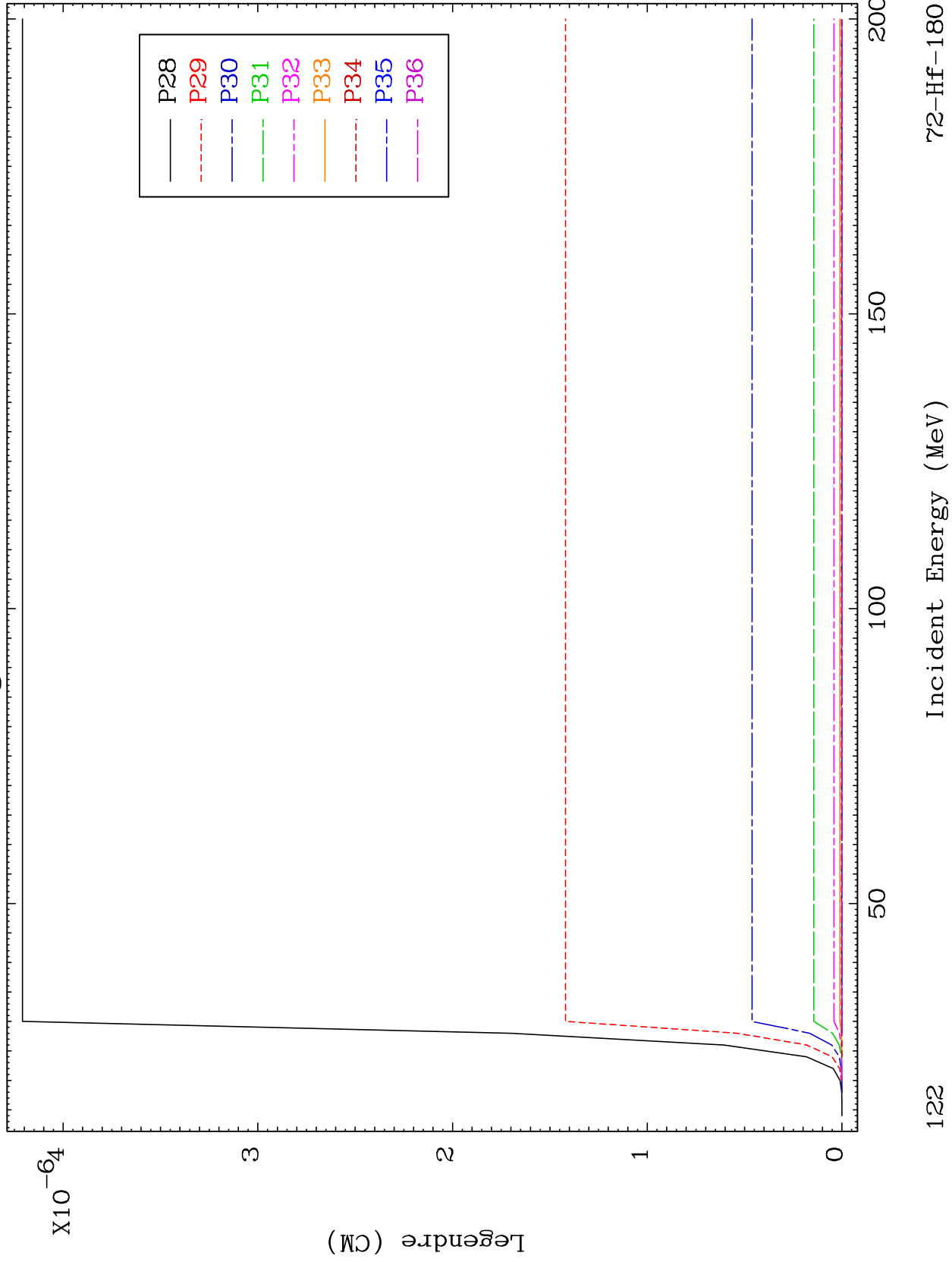
Incident Energy (MeV)

72-Hf-180

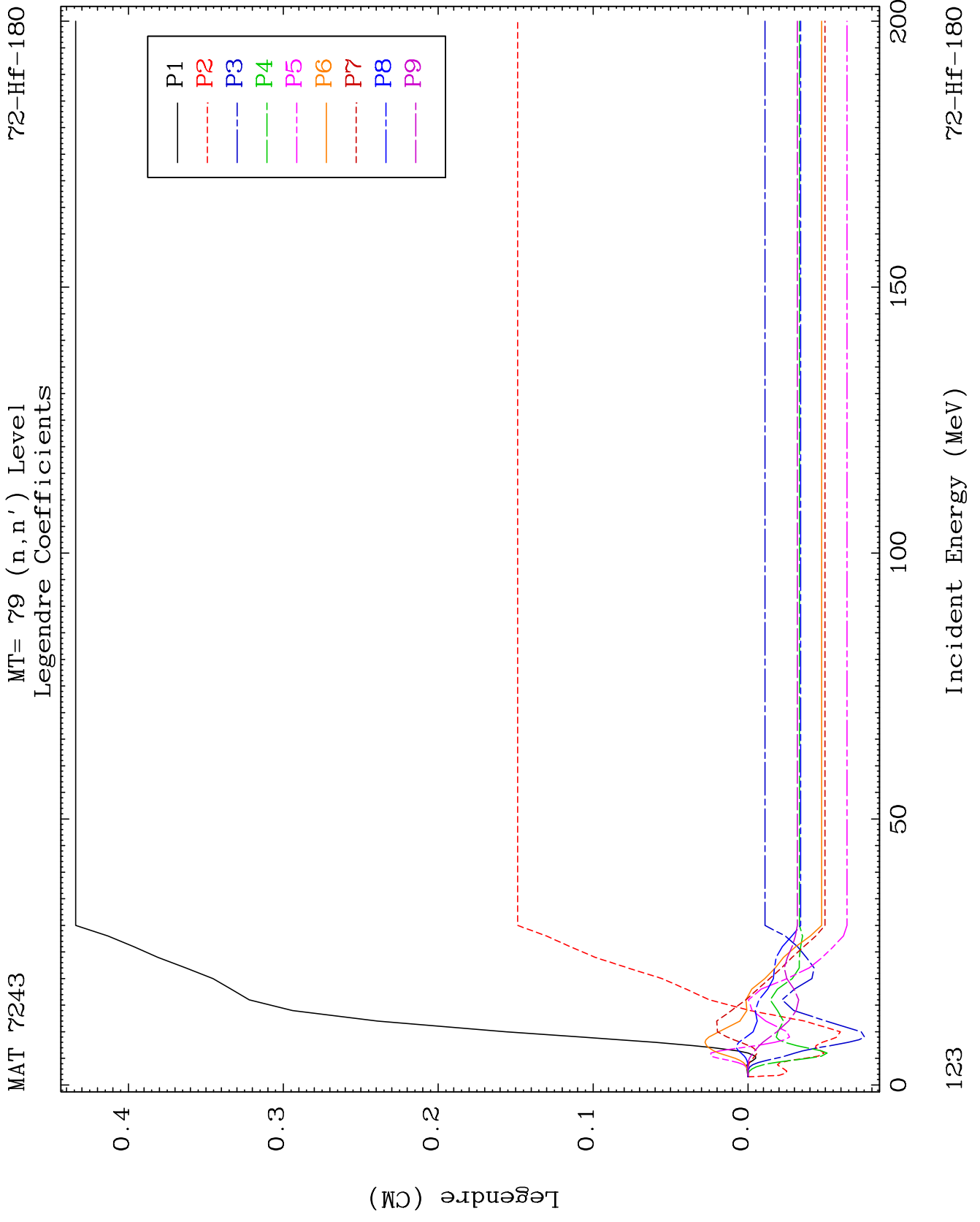
MAT 7243

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

72-Hf-180



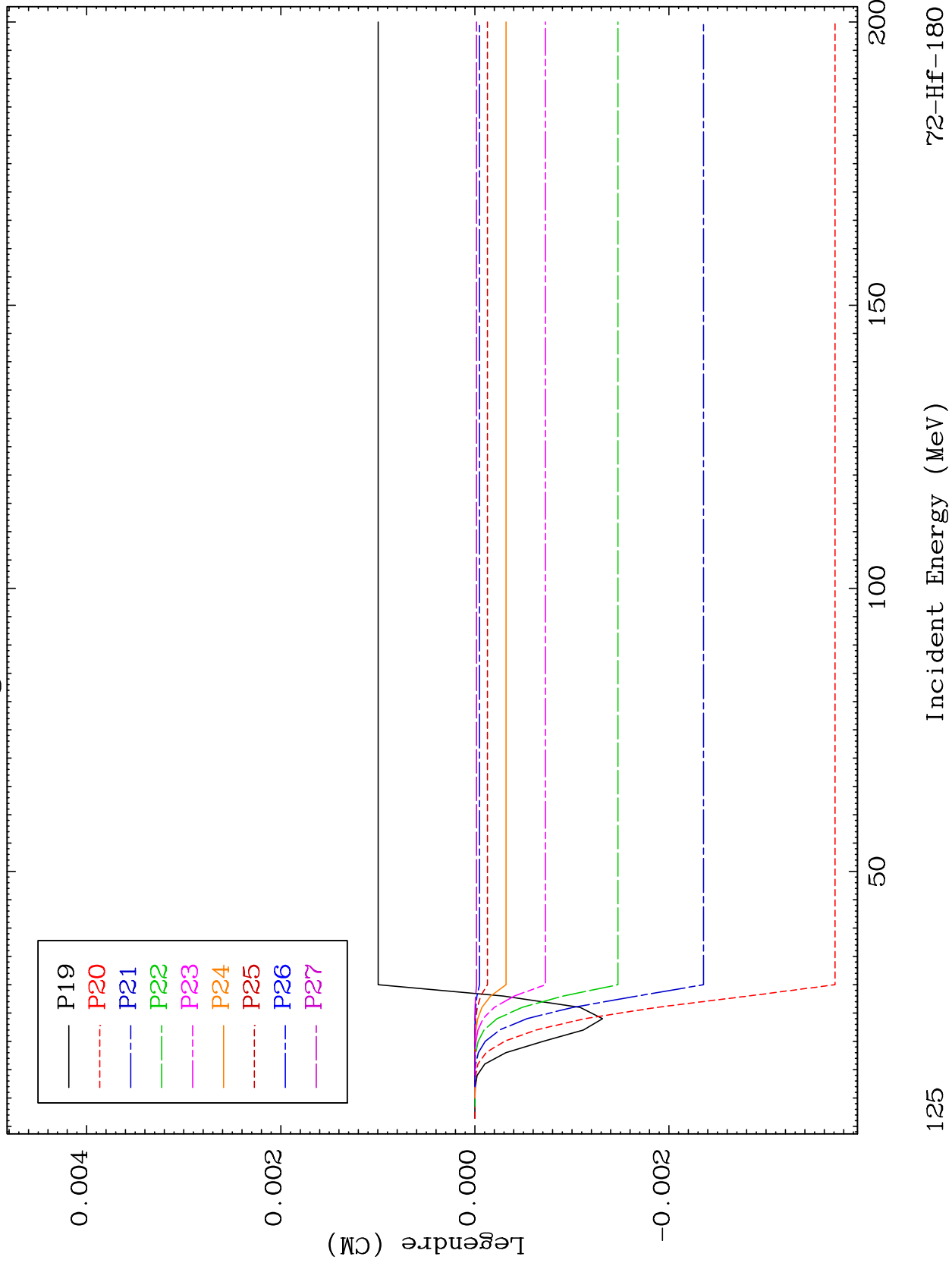
122



MAT 7243

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

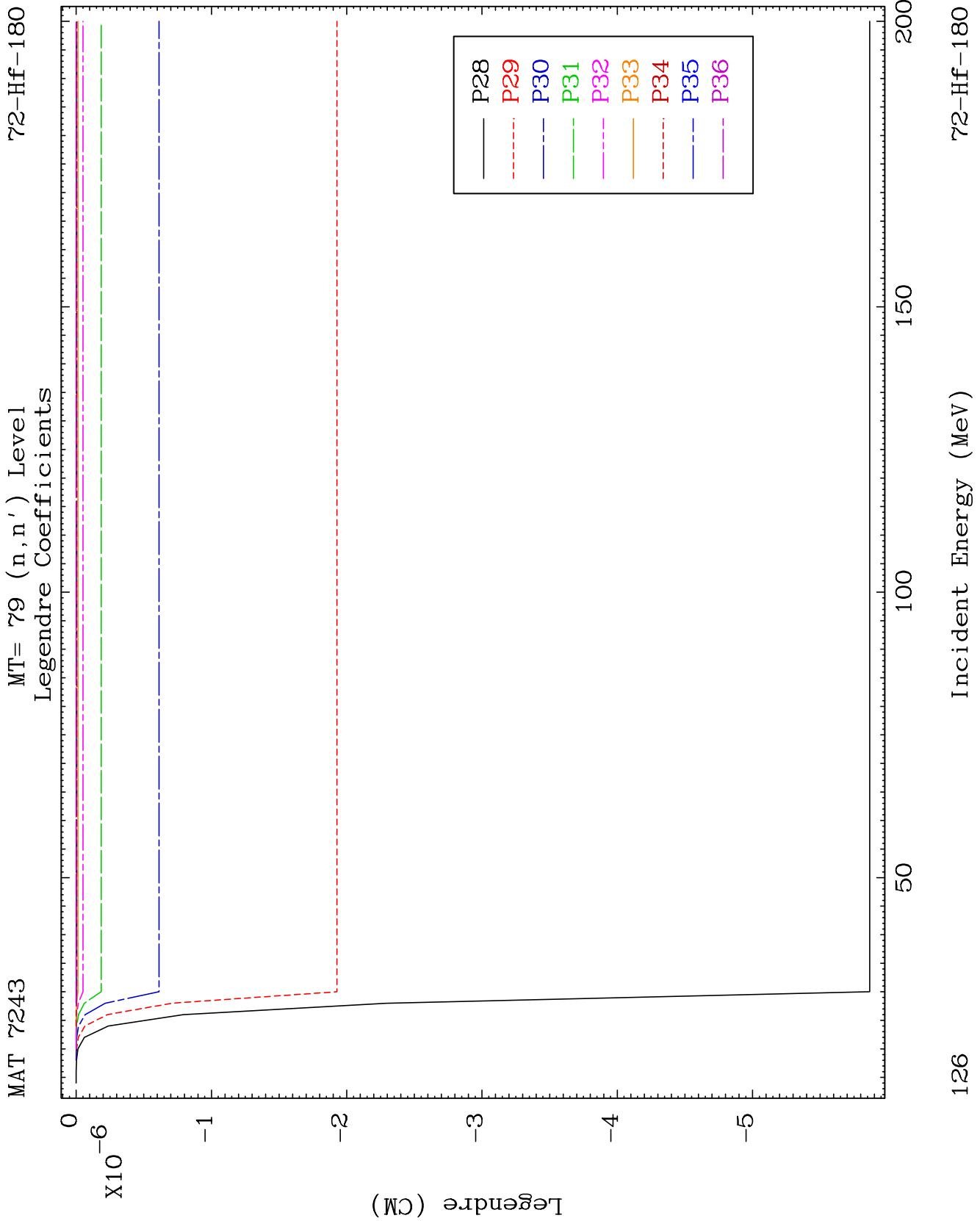
72-Hf-180

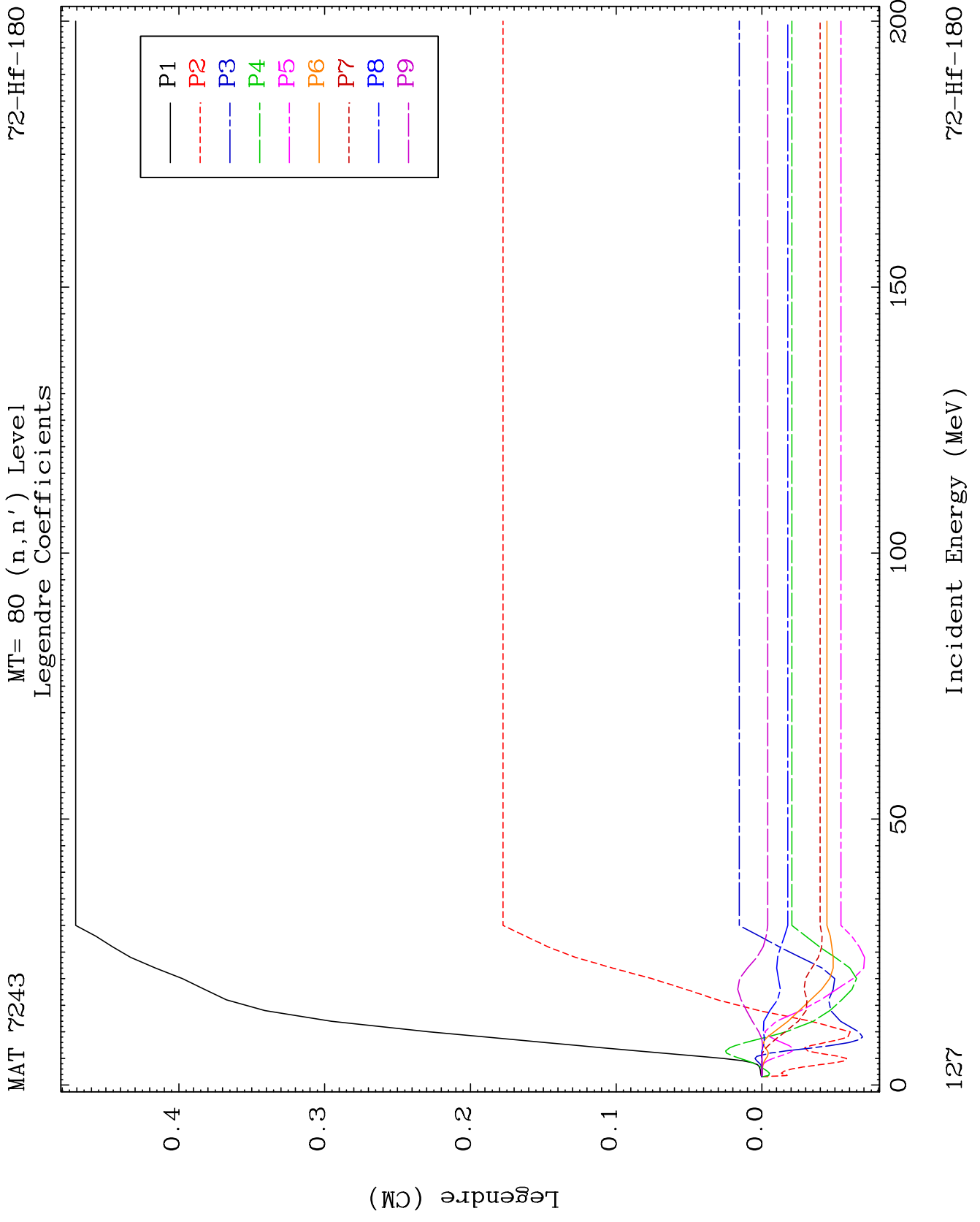


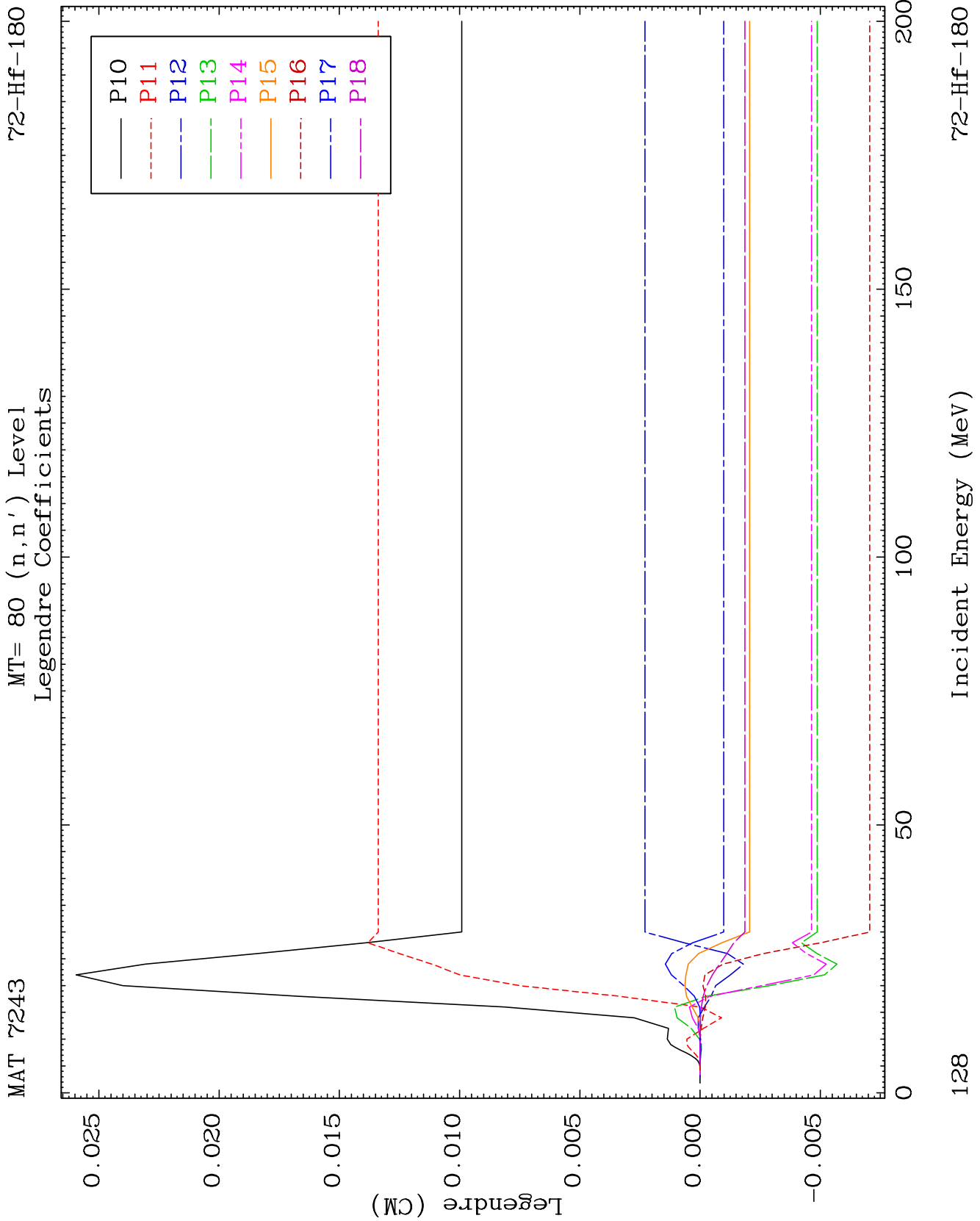
125

Incident Energy (MeV)

72-Hf-180



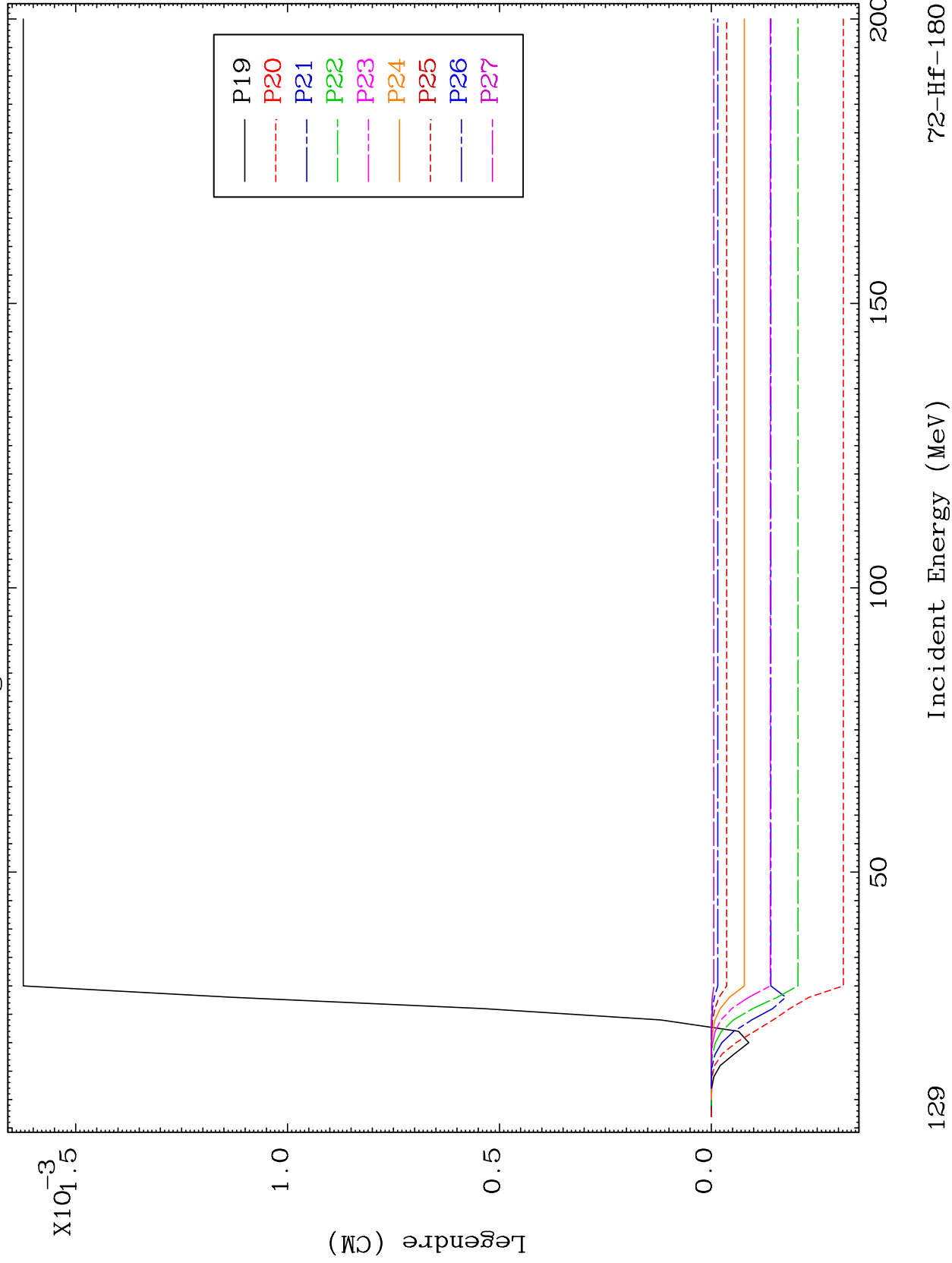




MAT 7243

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

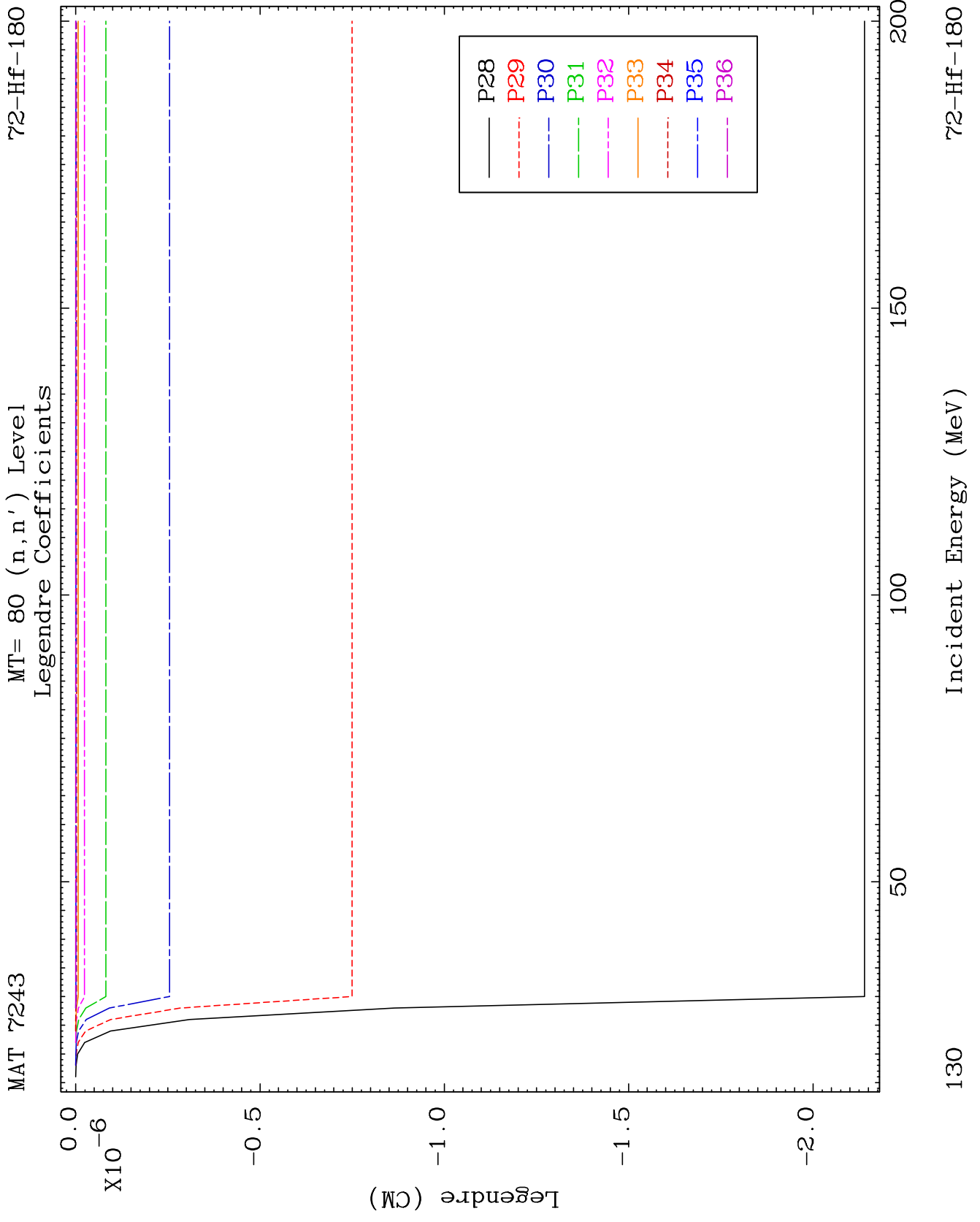
72-Hf-180



129

Incident Energy (MeV)

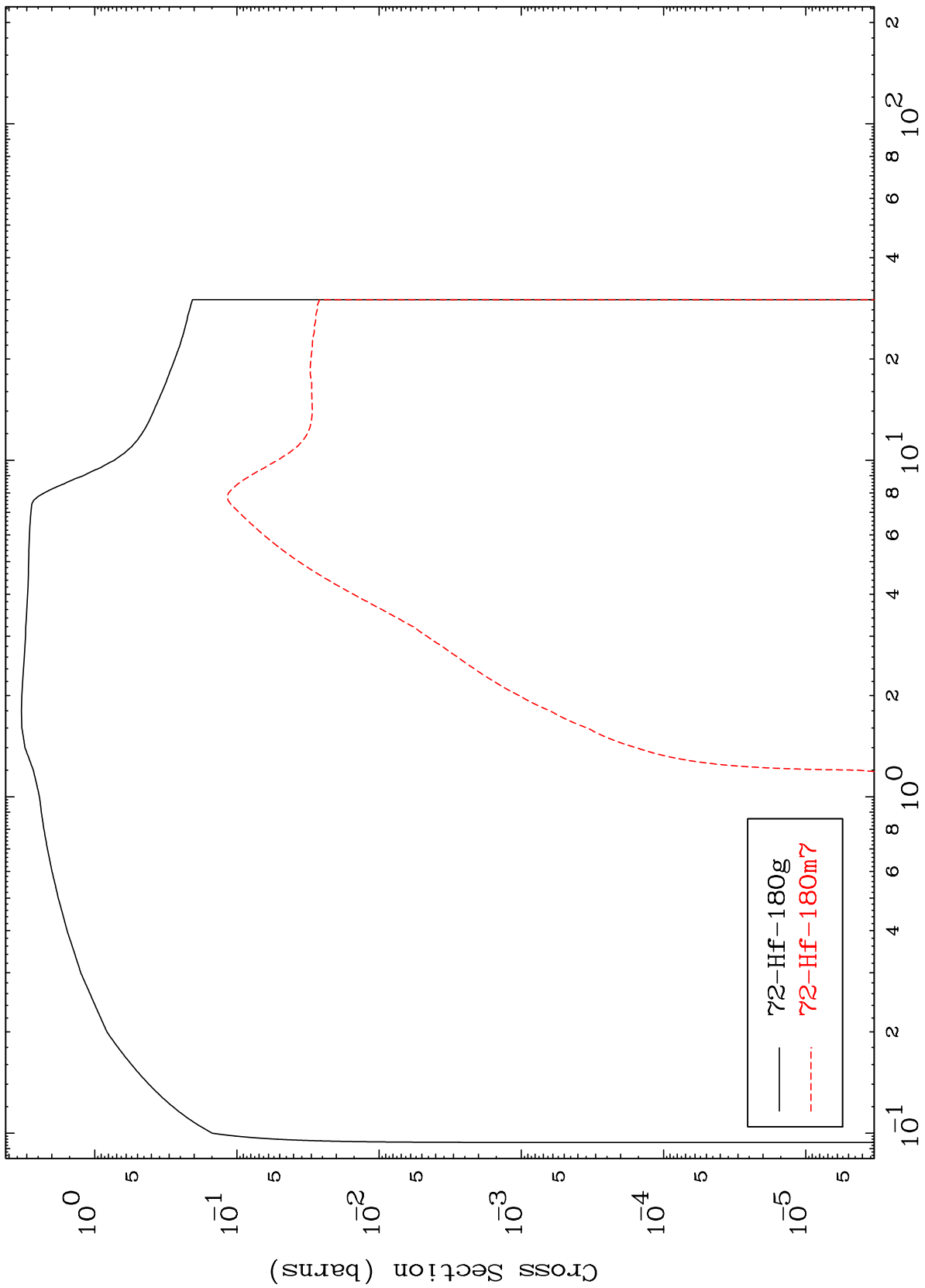
72-Hf-180



MAT 7243

72-Hf-180

Inelastic
Radionuclide Production Cross Section



72-Hf-180

Incident Energy (MeV)

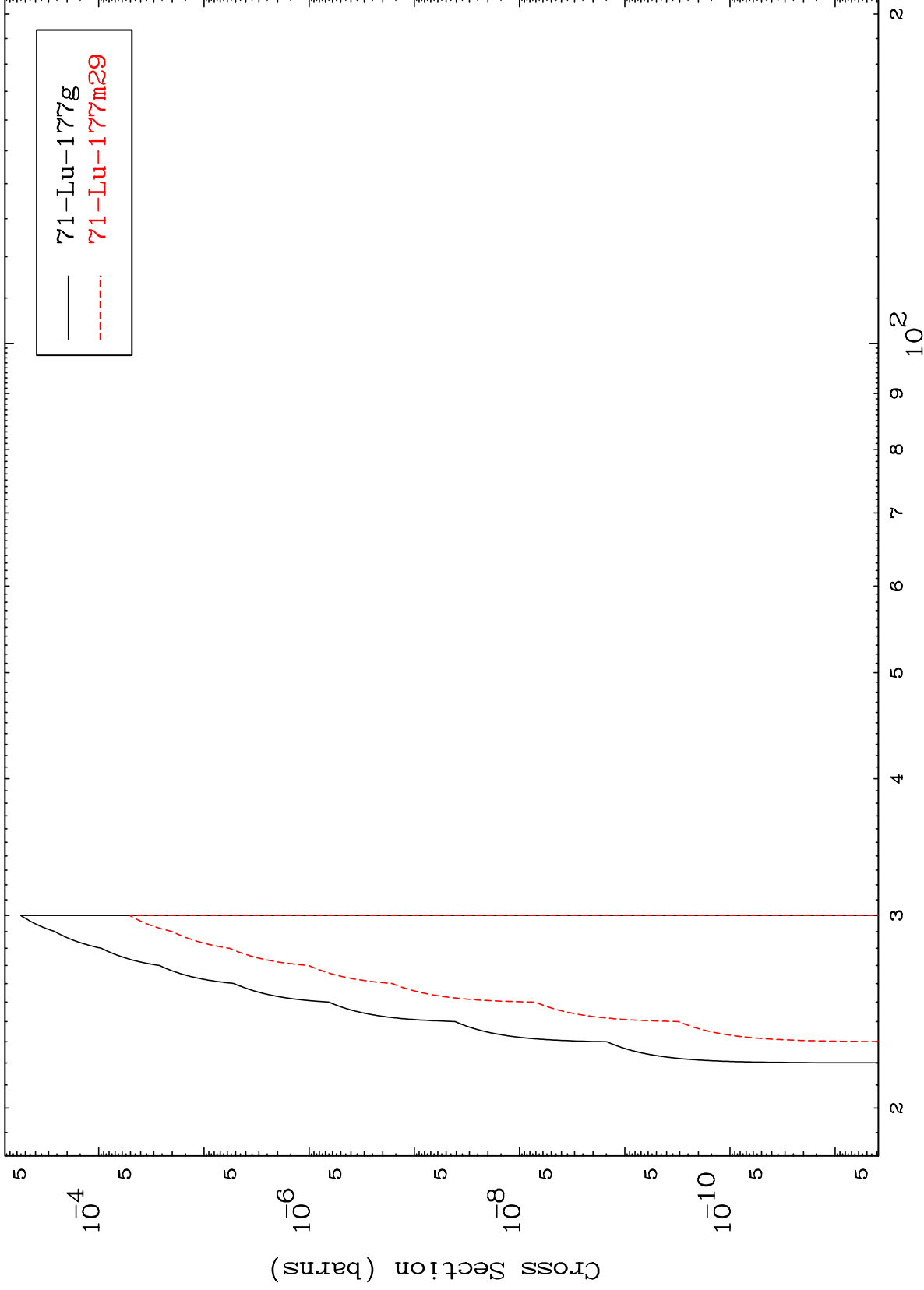
131

MAT 7243

(n,2n) d

72-Hf-180

Radionuclide Production Cross Section



132

Incident Energy (MeV)

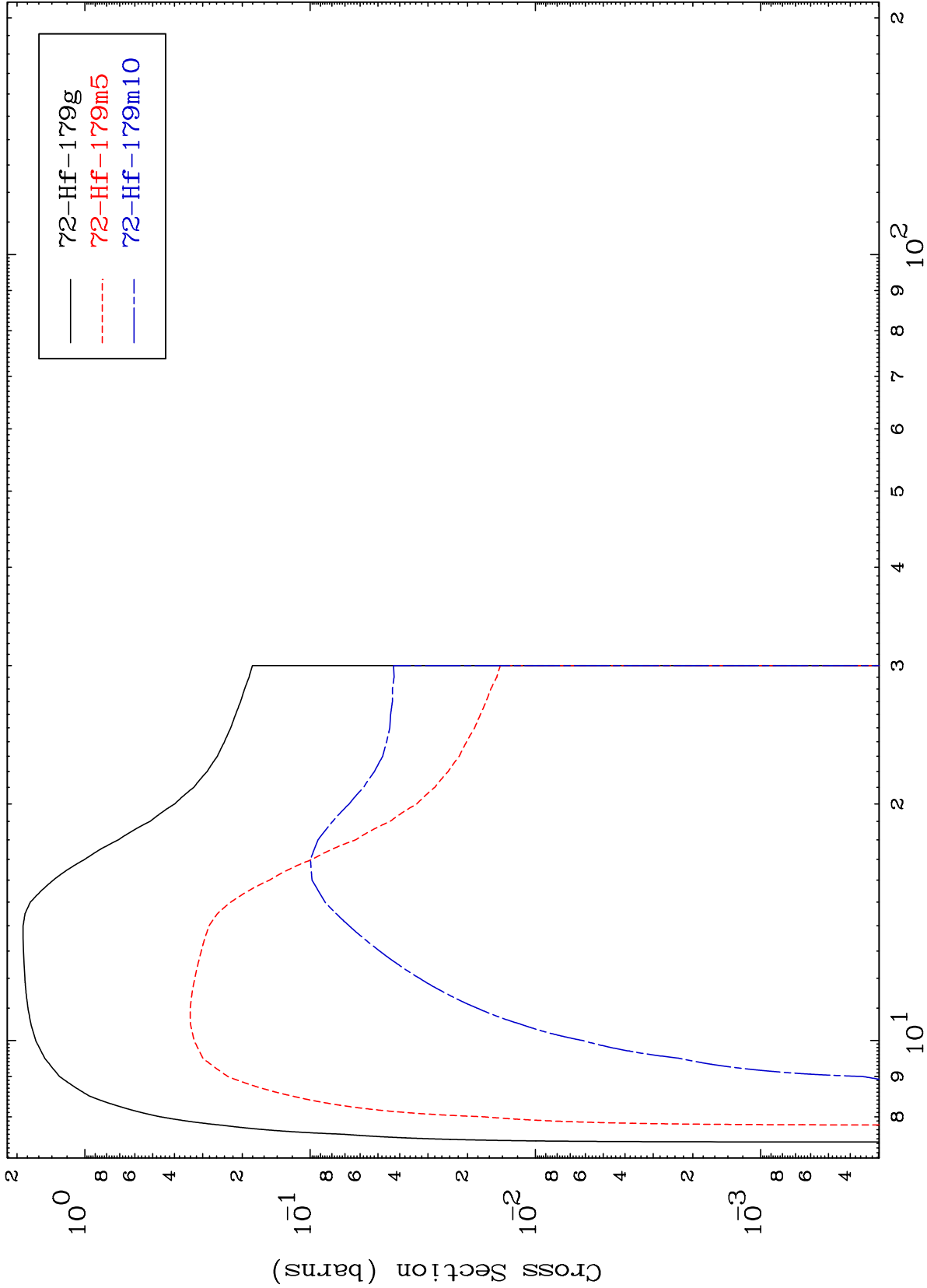
72-Hf-180

MAT 7243

(n,2n)

72-Hf-180

Radionuclide Production Cross Section



133

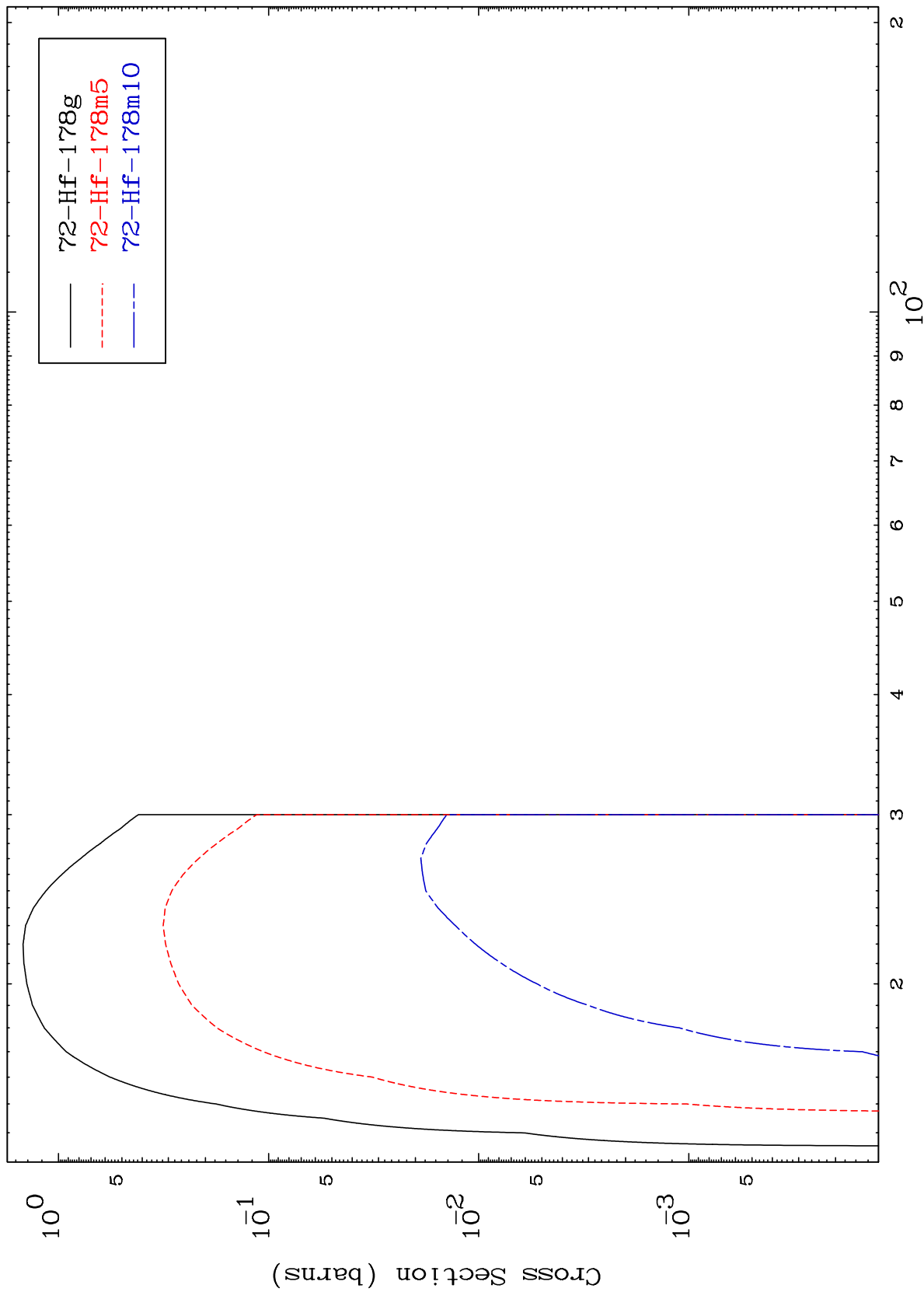
Incident Energy (MeV)

72-Hf-180

MAT 7243

72-Hf-180

(n,3n)
Radionuclide Production Cross Section



134

Incident Energy (MeV)

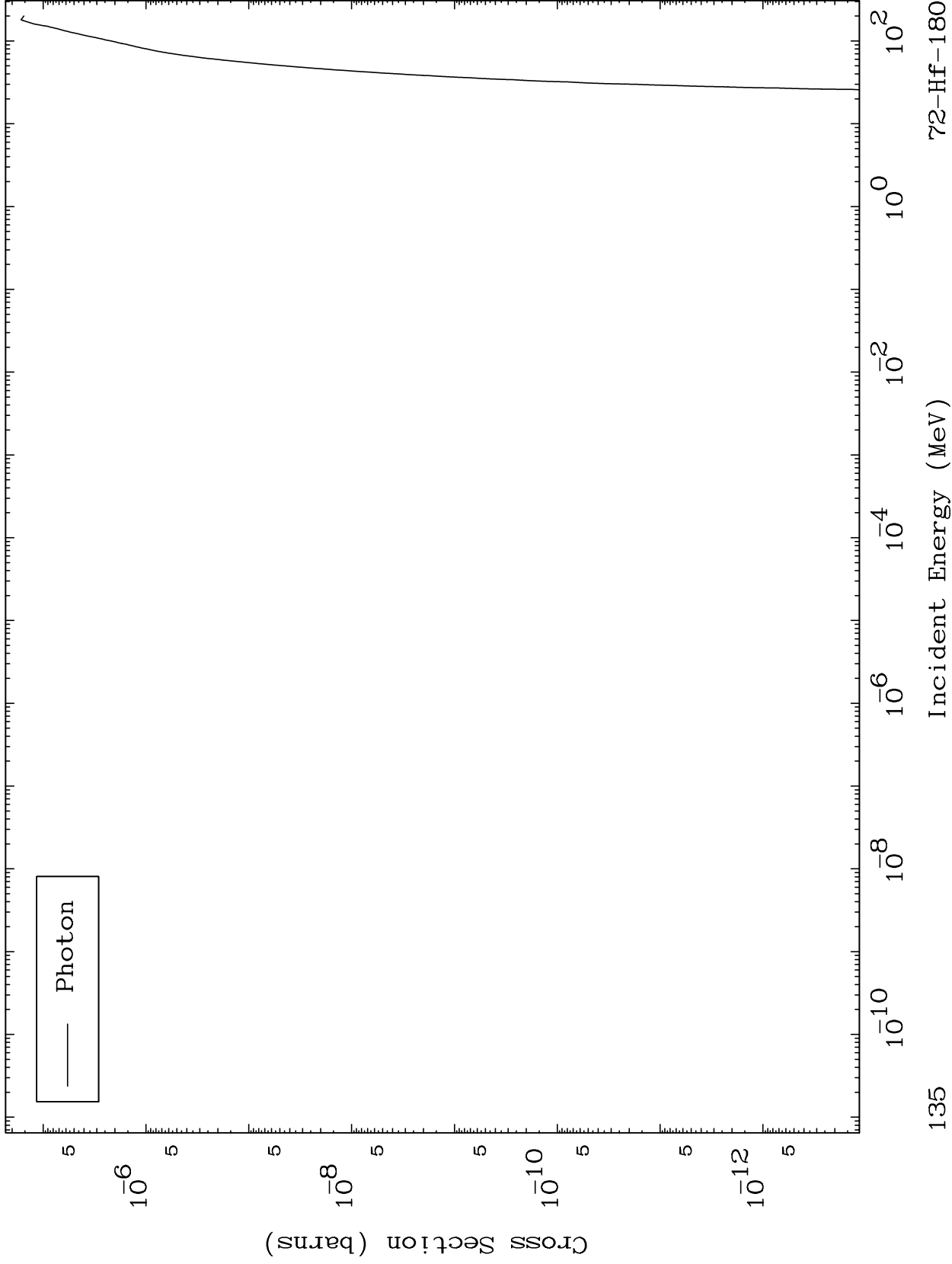
72-Hf-180

MAT 7243

Fission

72-Hf-180

Radionuclide Production Cross Section

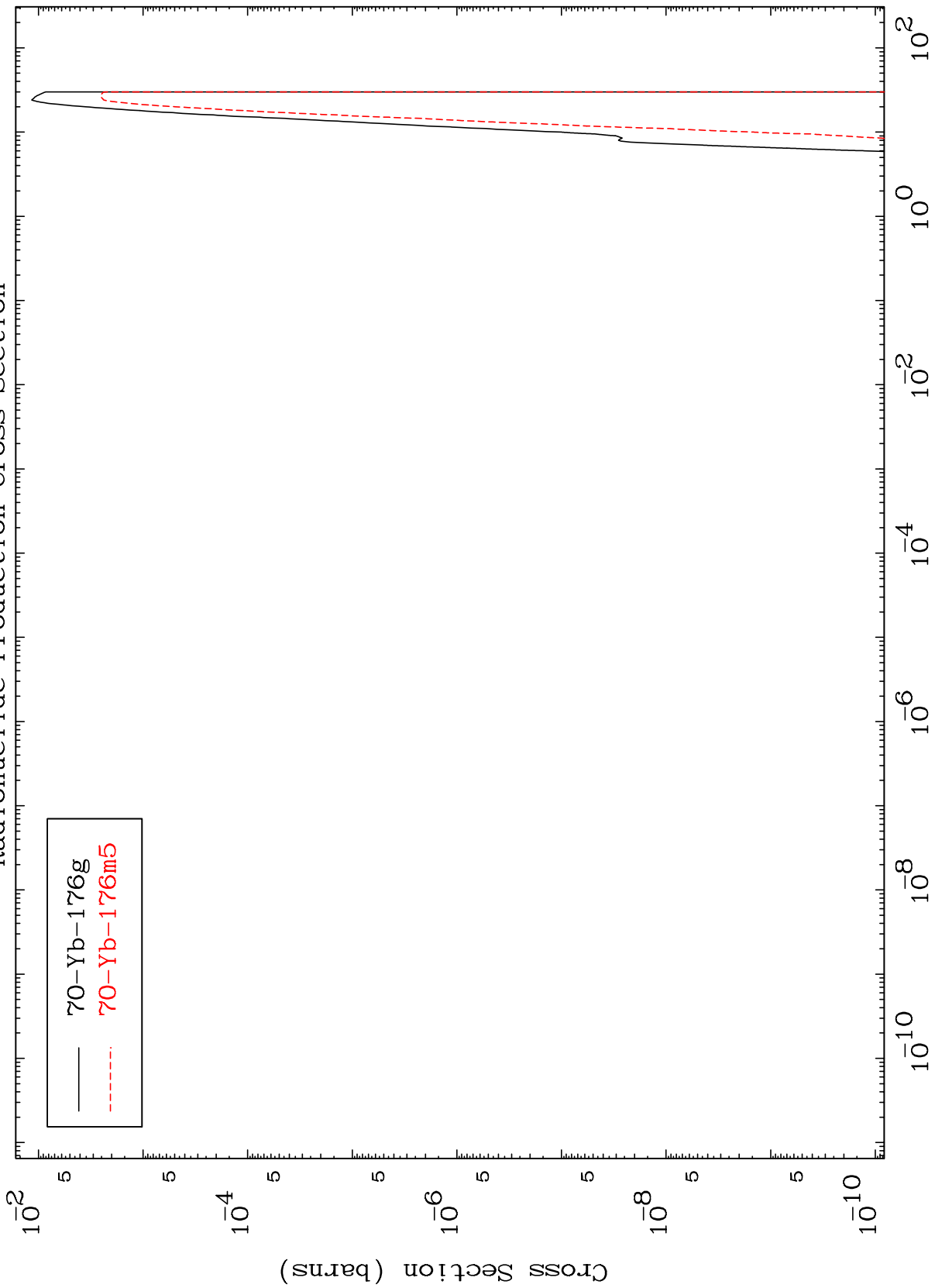


MAT 7243

$(n, n') \alpha$

72-Hf-180

Radionuclide Production Cross Section



136

Incident Energy (MeV)

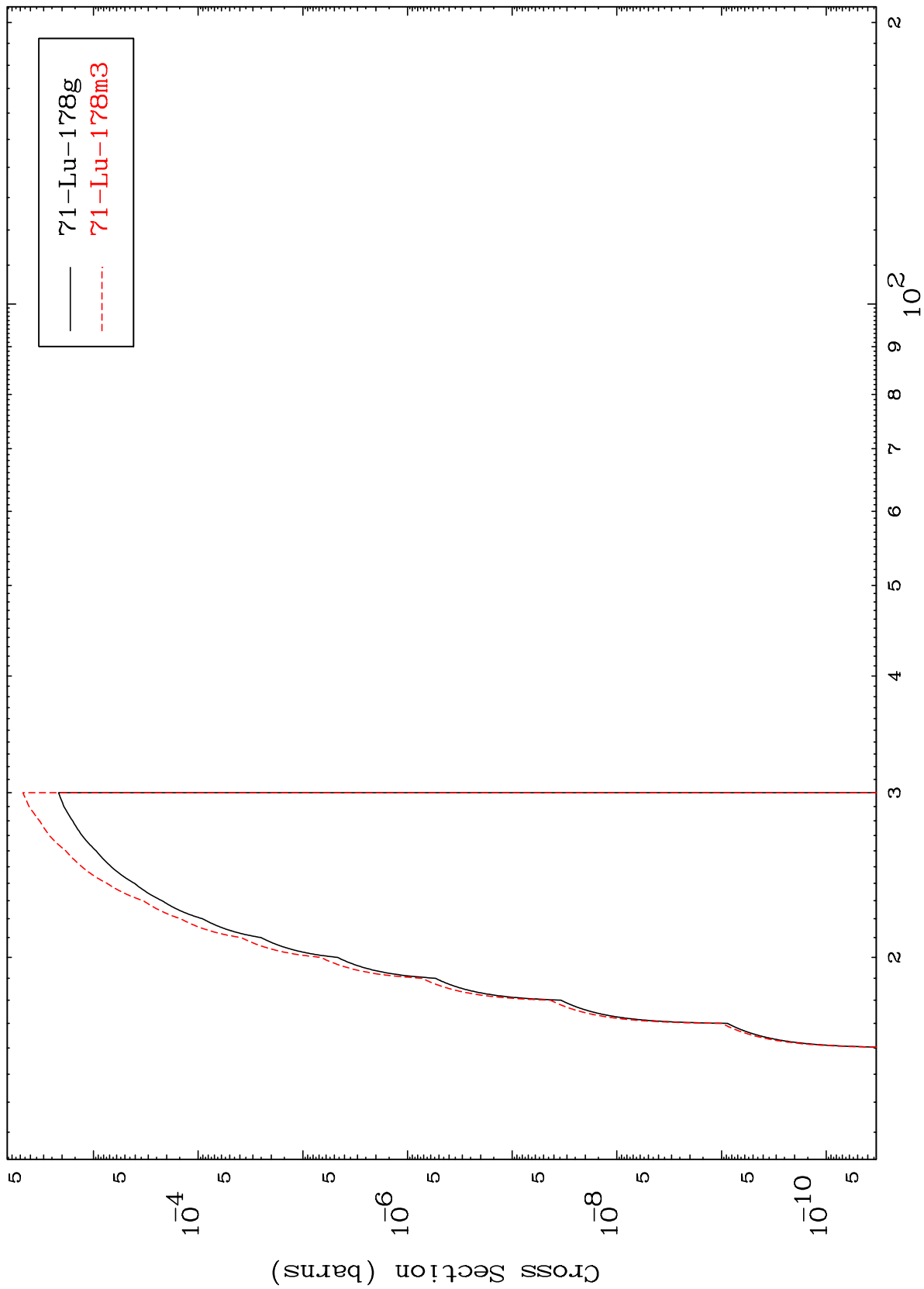
72-Hf-180

MAT 7243

(n,n') d

72-Hf-180

Radionuclide Production Cross Section



137

Incident Energy (MeV)

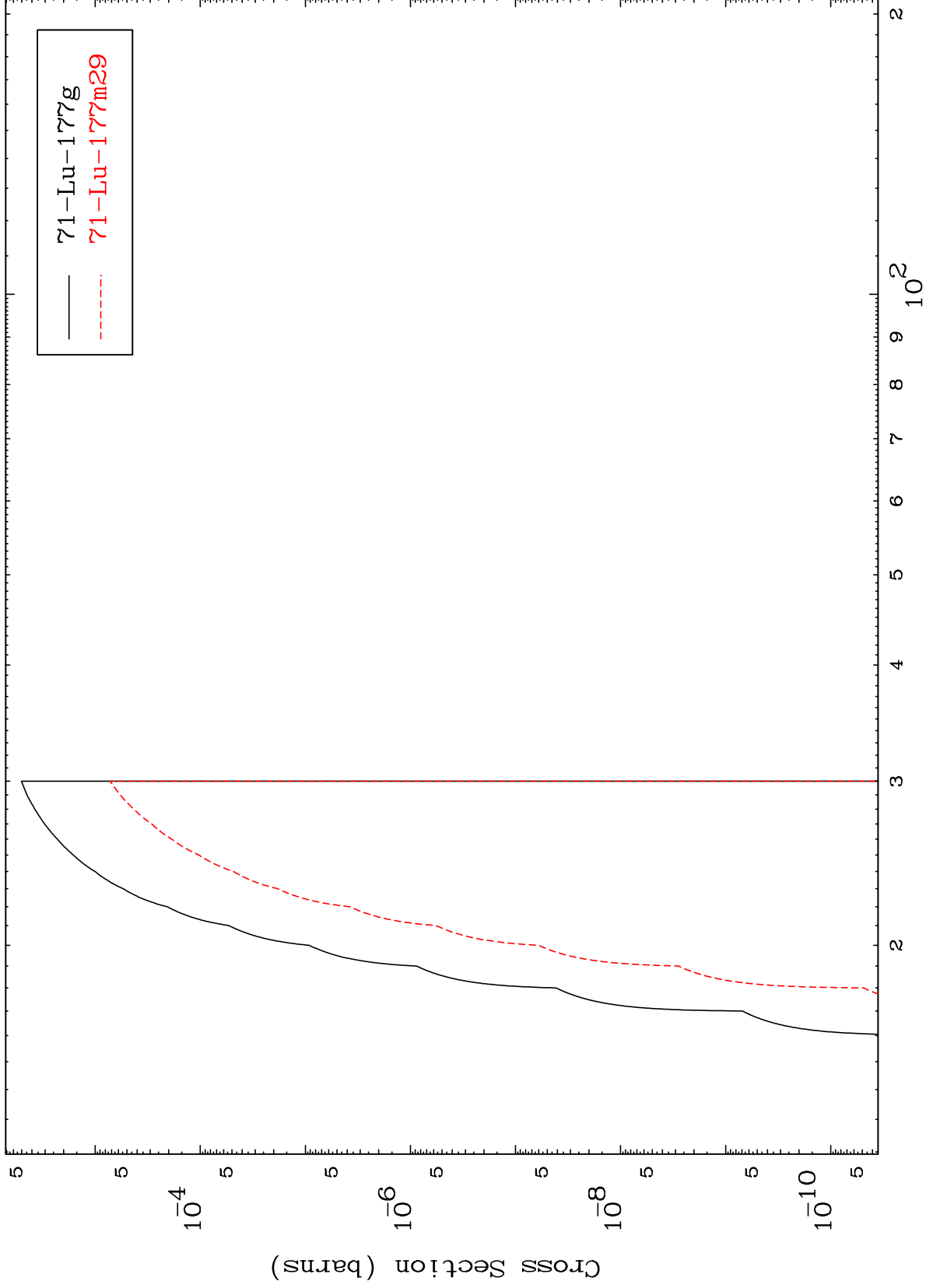
72-Hf-180

MAT 7243

(n,n') t

72-Hf-180

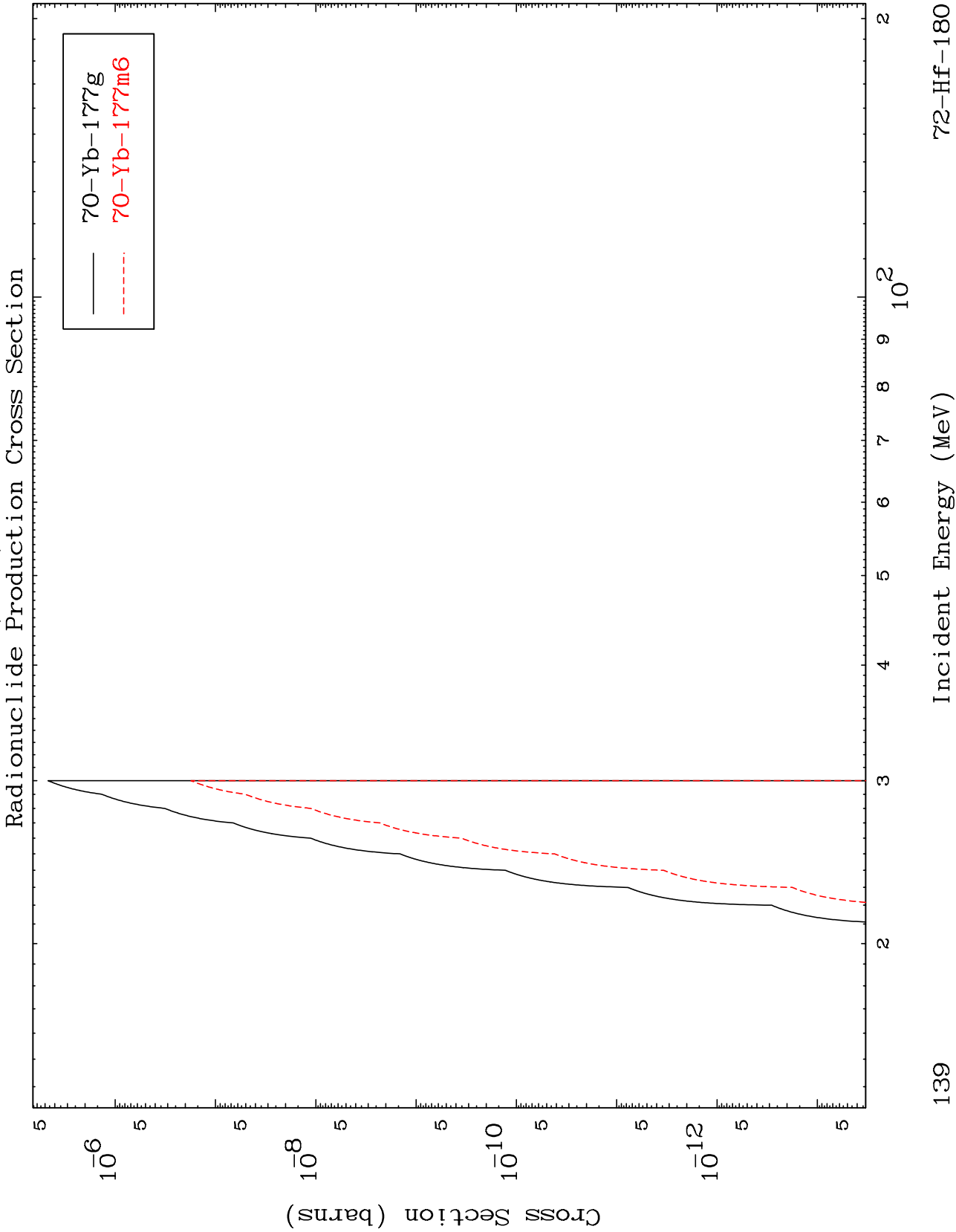
Radionuclide Production Cross Section

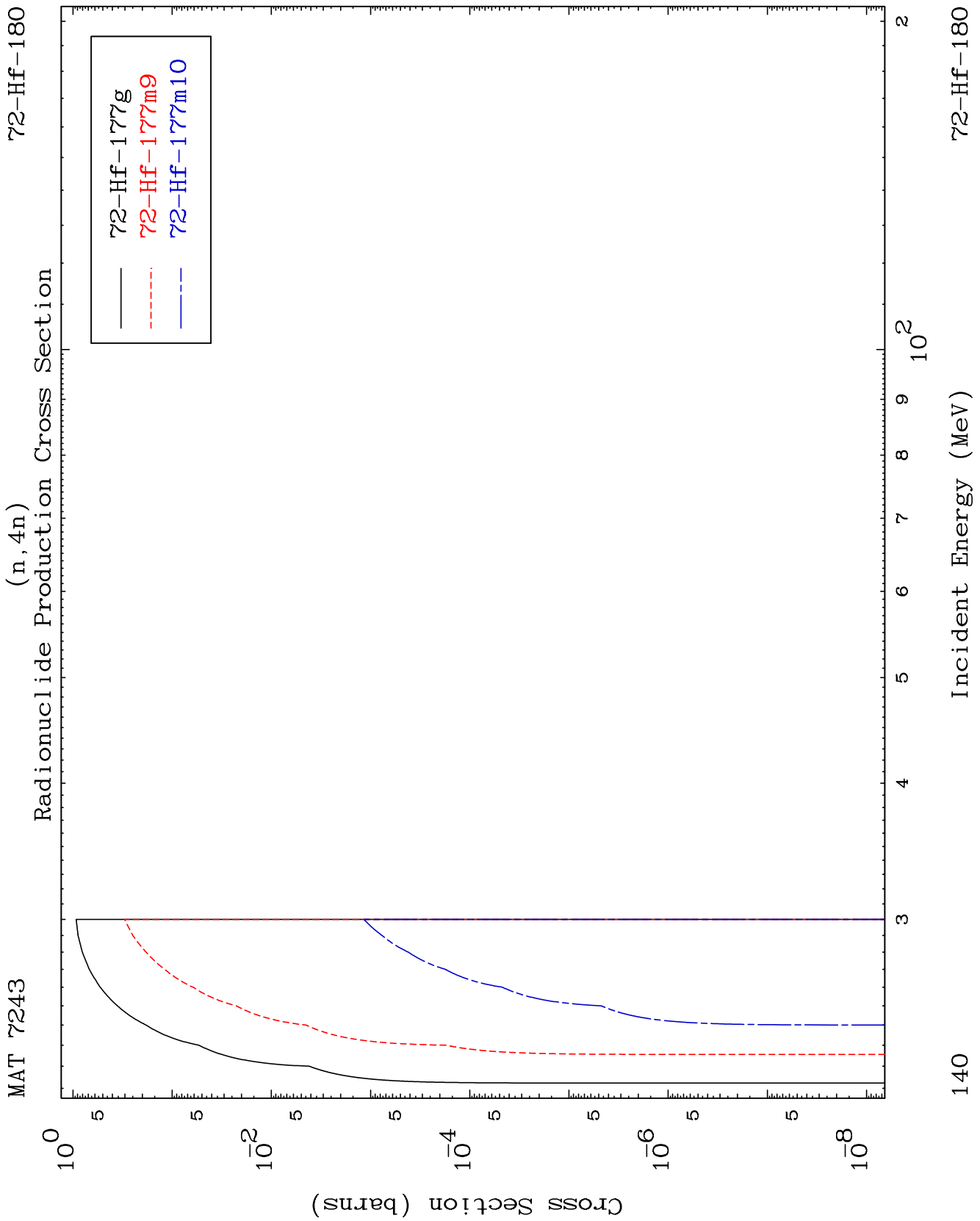


138

Incident Energy (MeV)

72-Hf-180

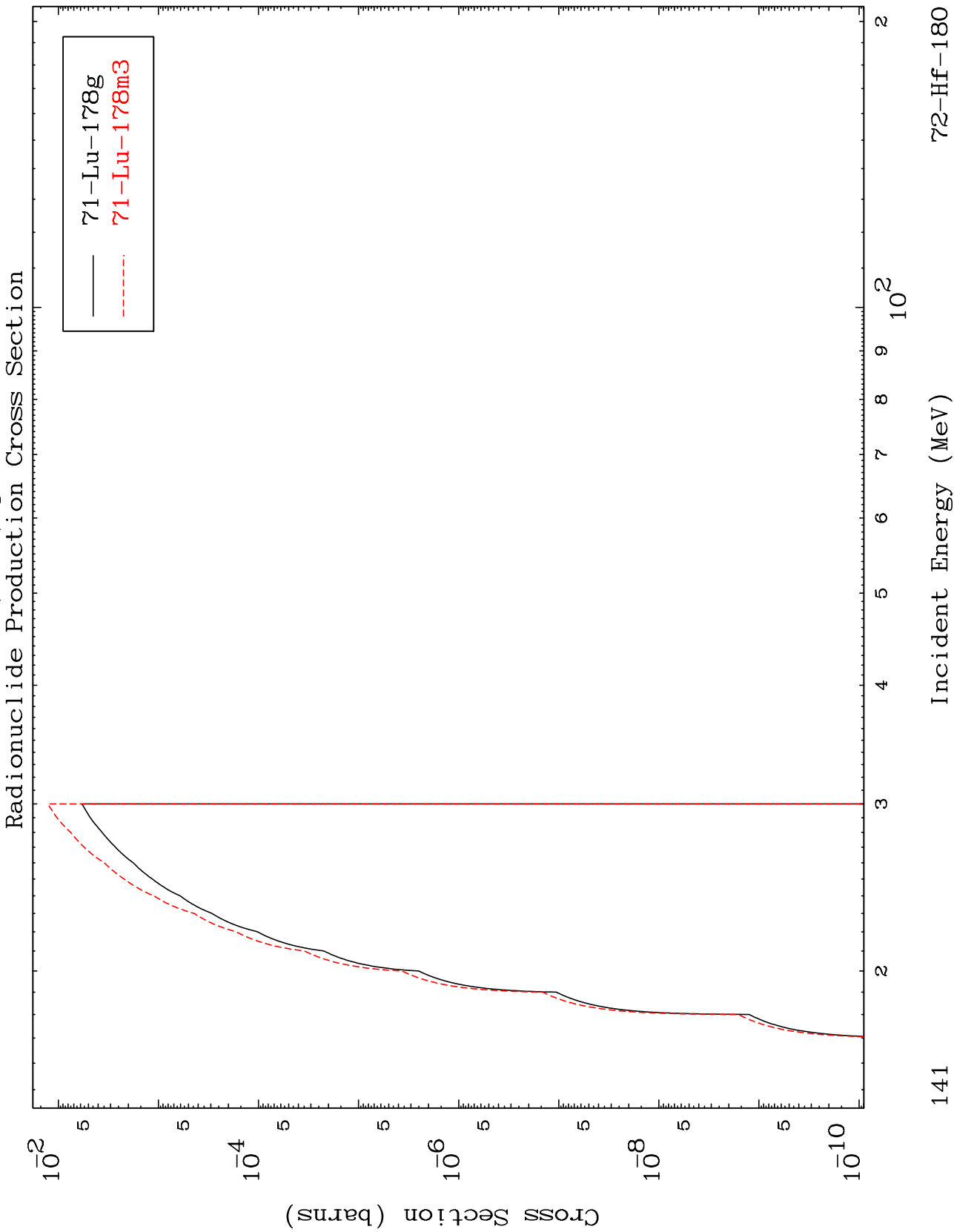




MAT 7243

(n,2n) p

72-Hf-180



141

Incident Energy (MeV)

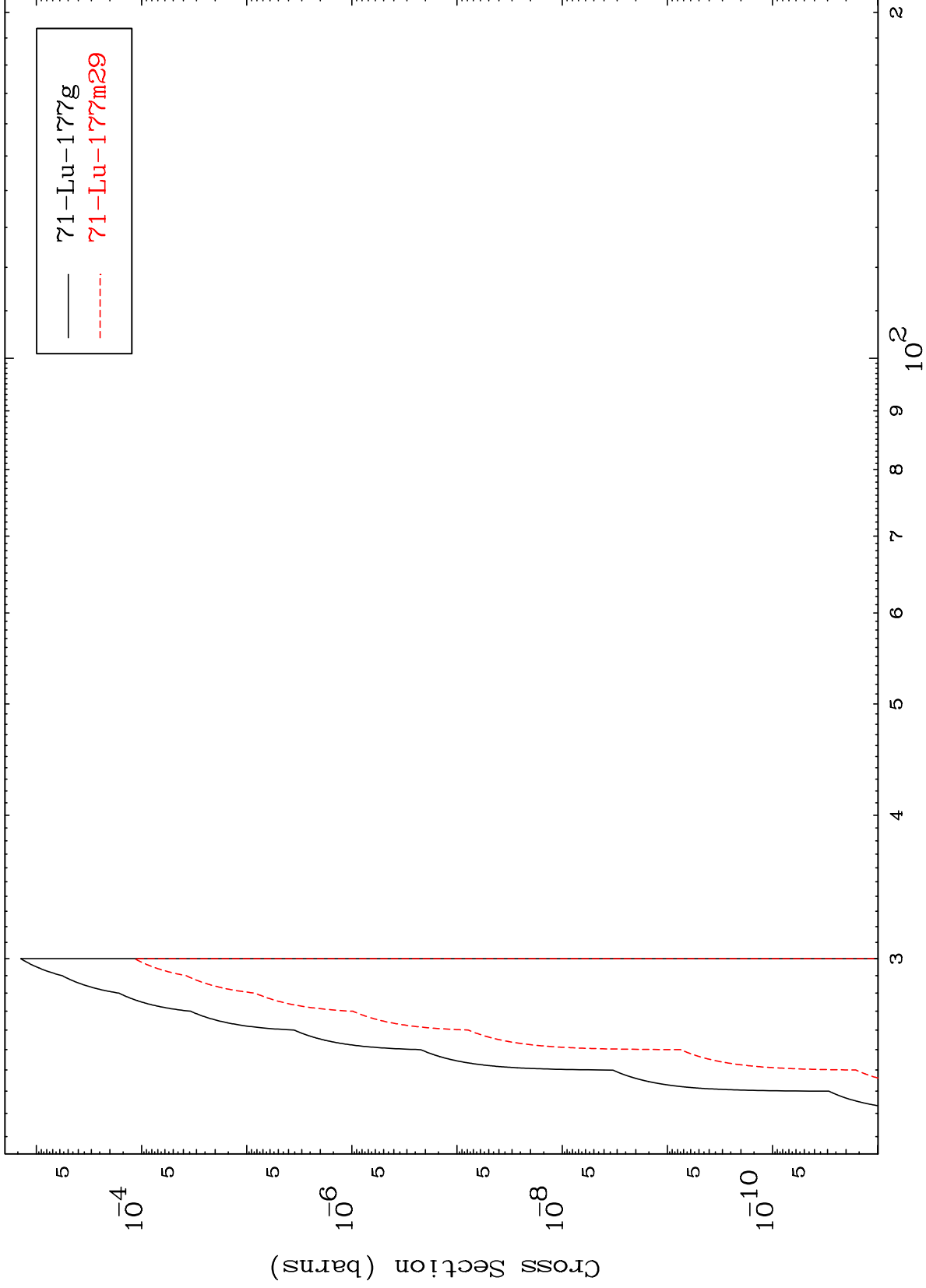
72-Hf-180

MAT 7243

(n,3n) p

72-Hf-180

Radionuclide Production Cross Section



142

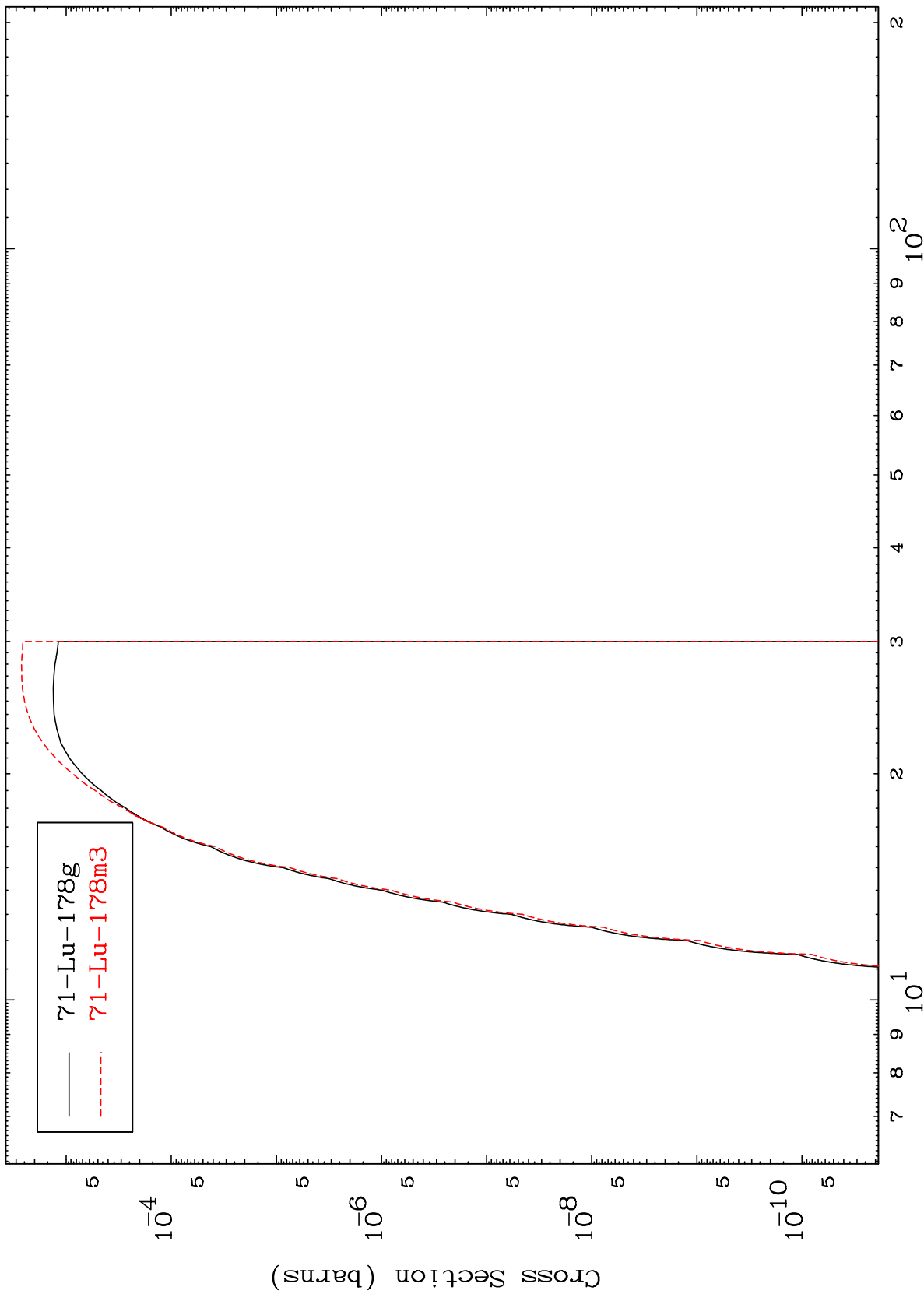
Incident Energy (MeV)

72-Hf-180

MAT 7243

72-Hf-180

(n, t)
Radionuclide Production Cross Section

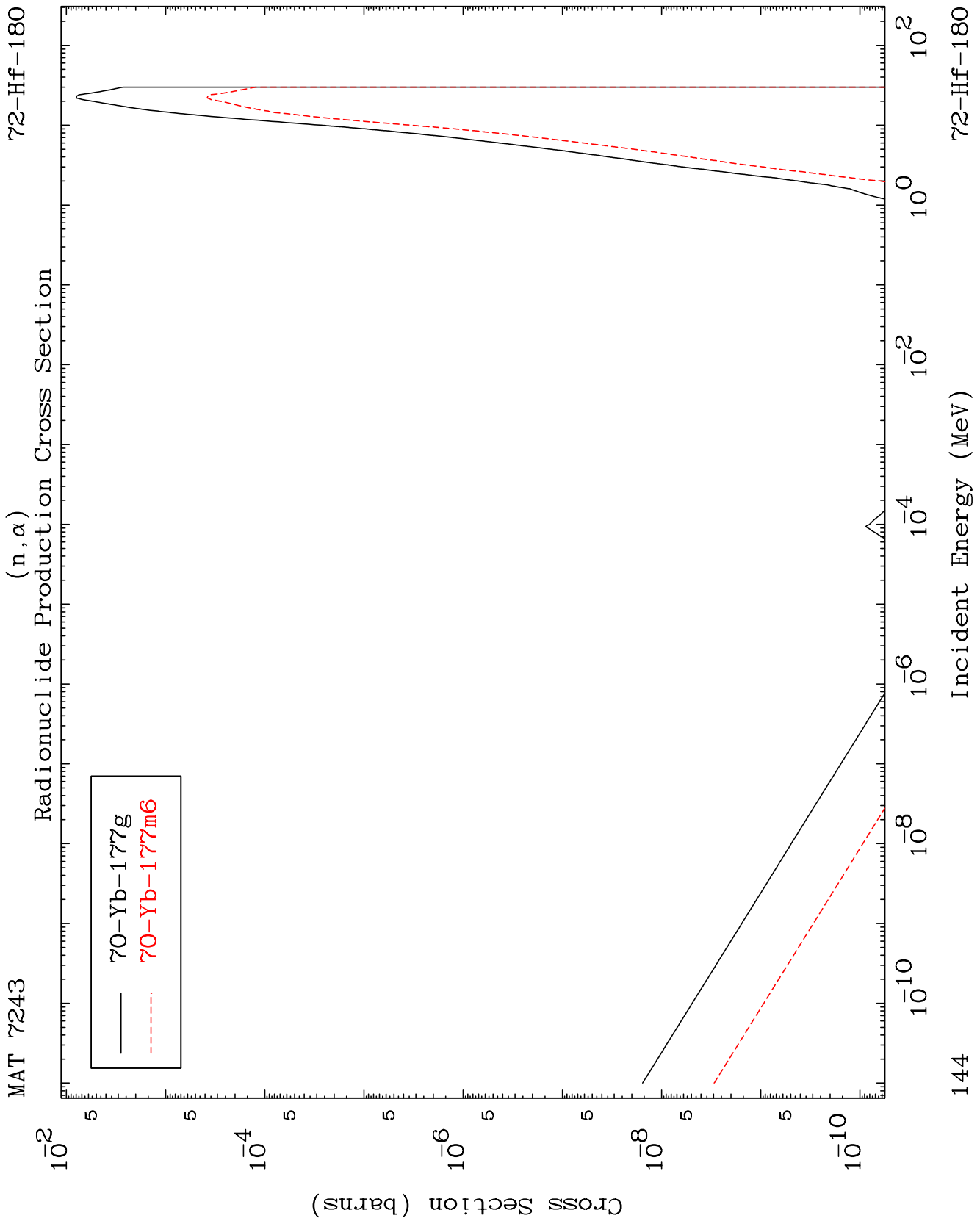


71-Lu-178g
71-Lu-178m3

72-Hf-180

Incident Energy (MeV)

143

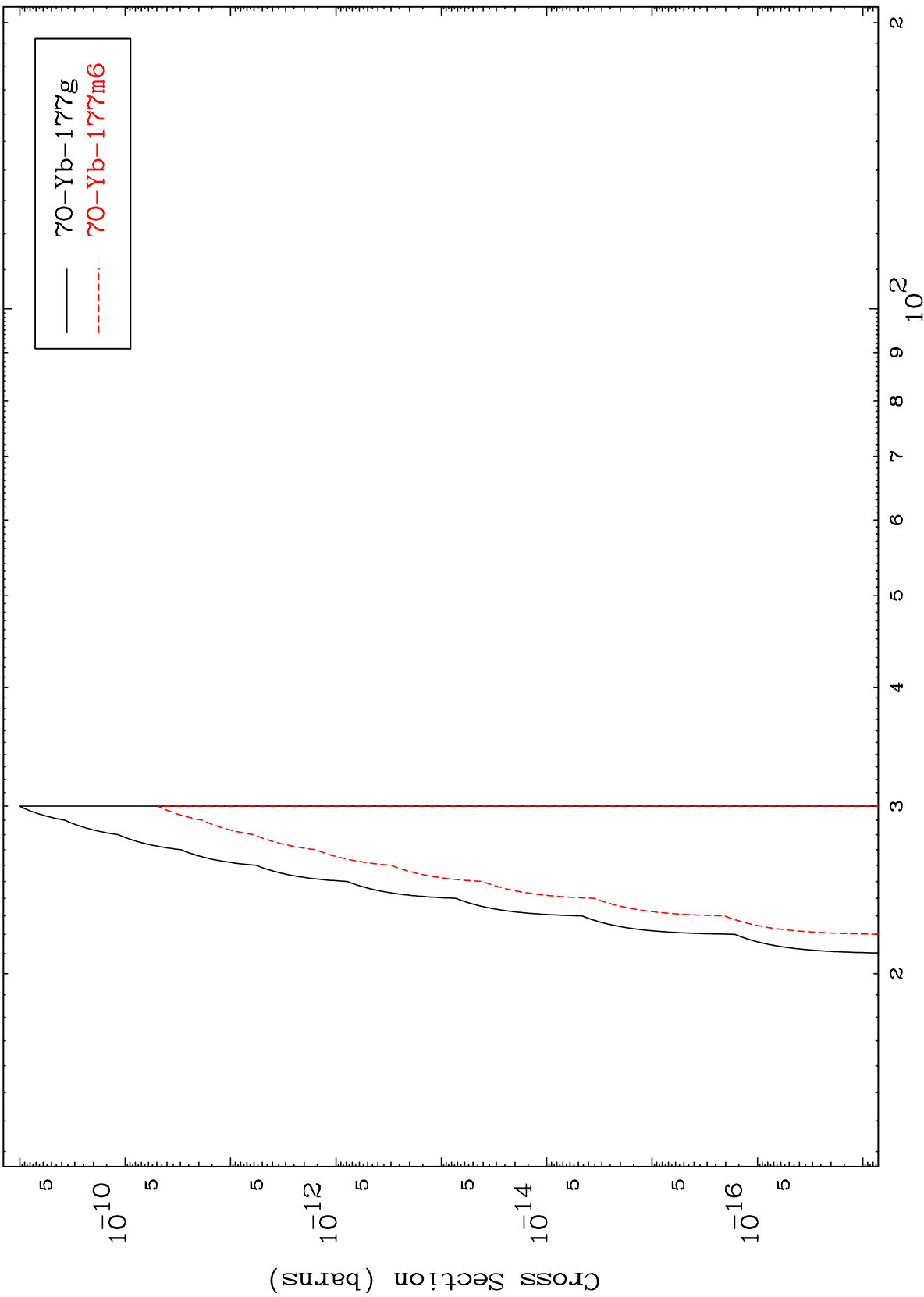


MAT 7243

(n,p) t

72-Hf-180

Radionuclide Production Cross Section



70-Yb-177g
70-Yb-177m6

145

Incident Energy (MeV)

72-Hf-180