

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

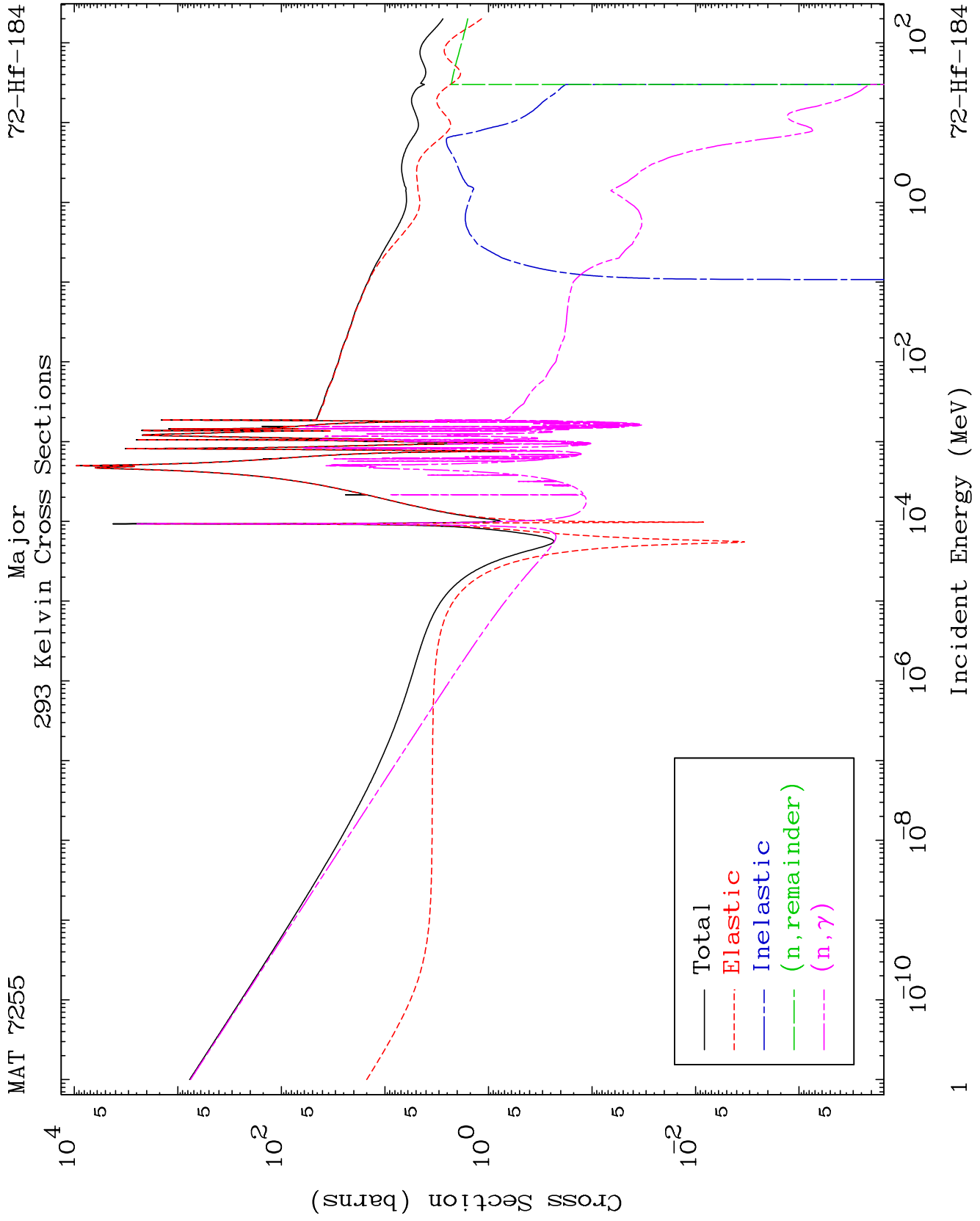
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E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

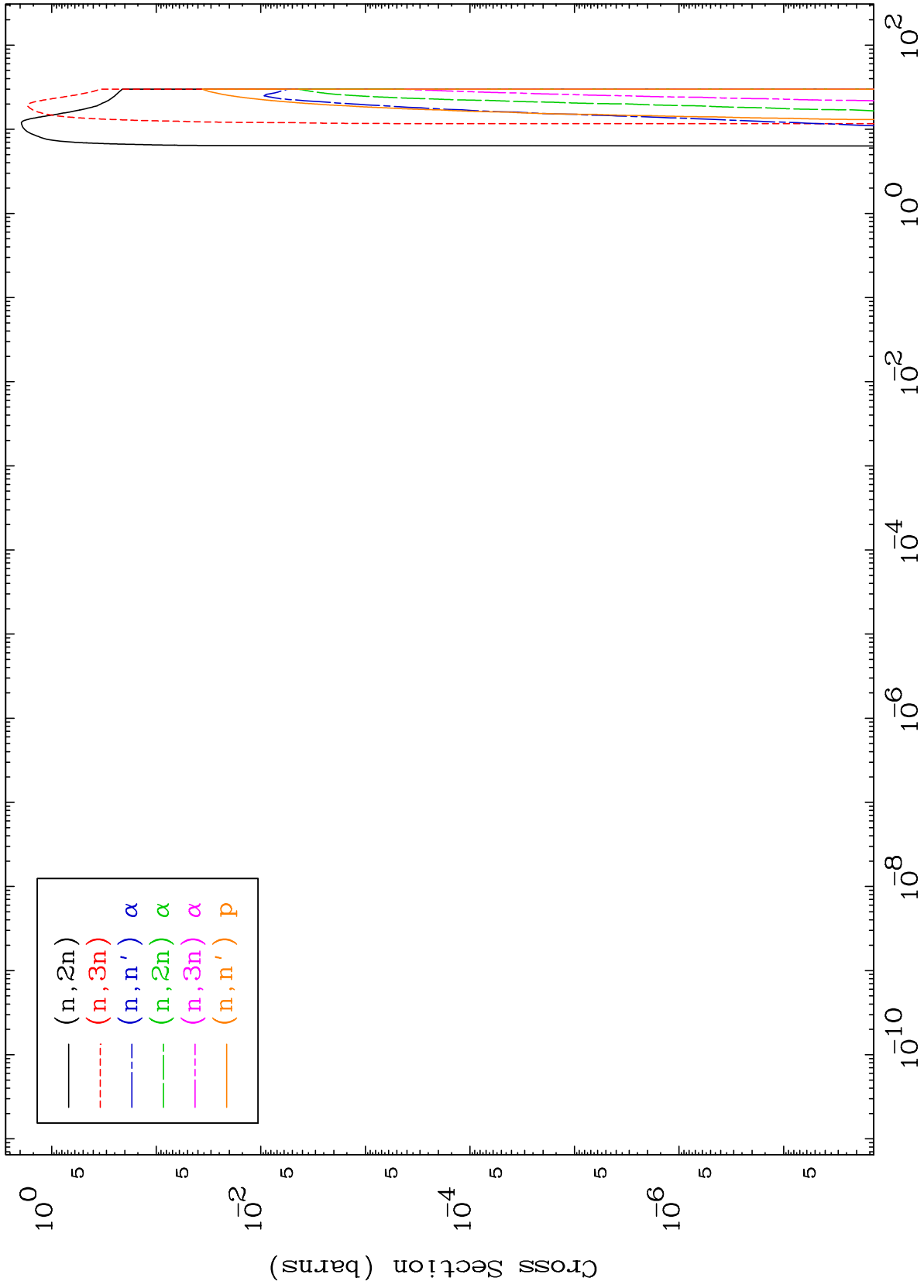
Press Mouse Button to Start



MAT 7255

Neutron Production
293 Kelvin Cross Sections

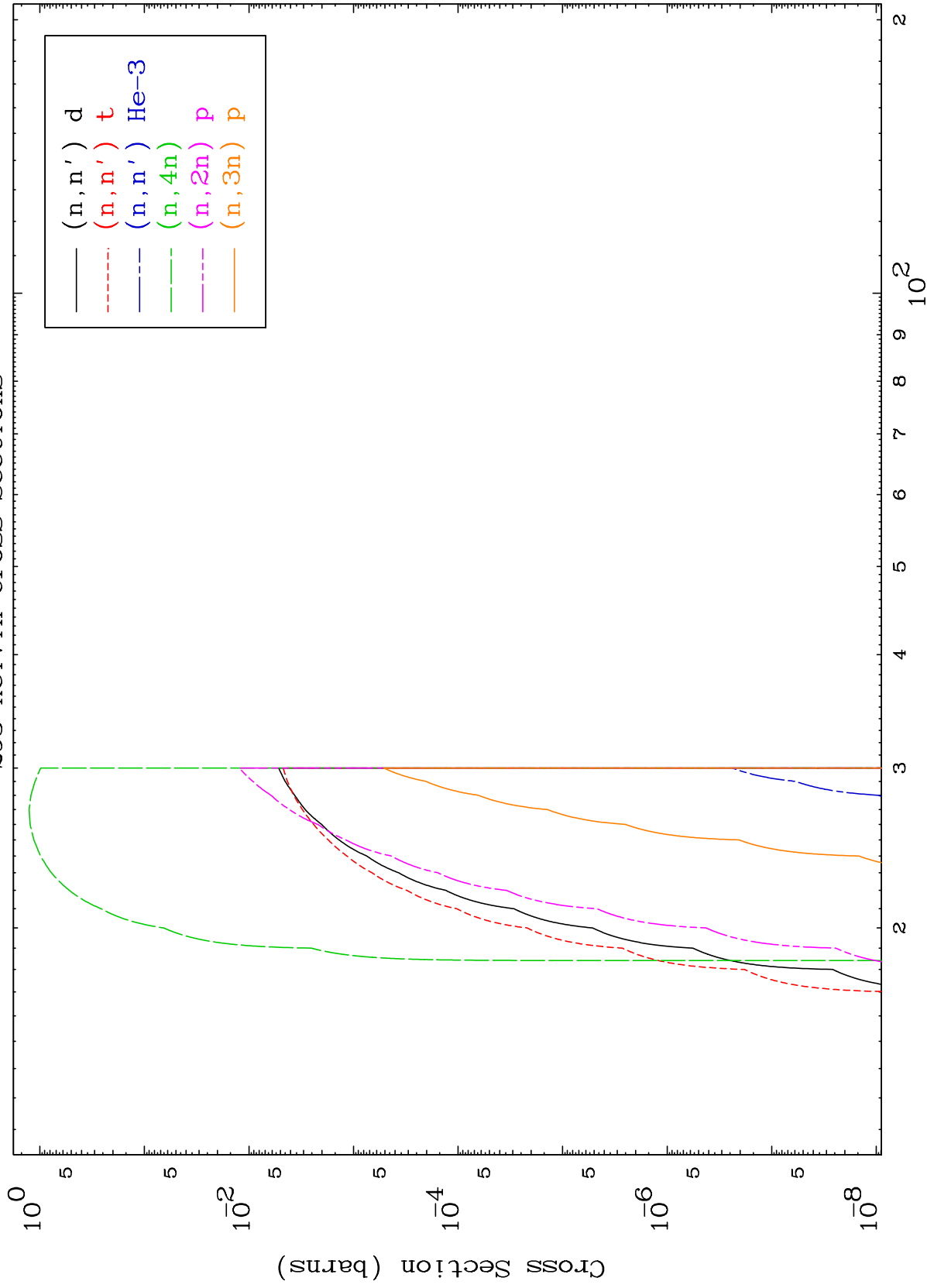
72-Hf-184



2

Incident Energy (MeV)

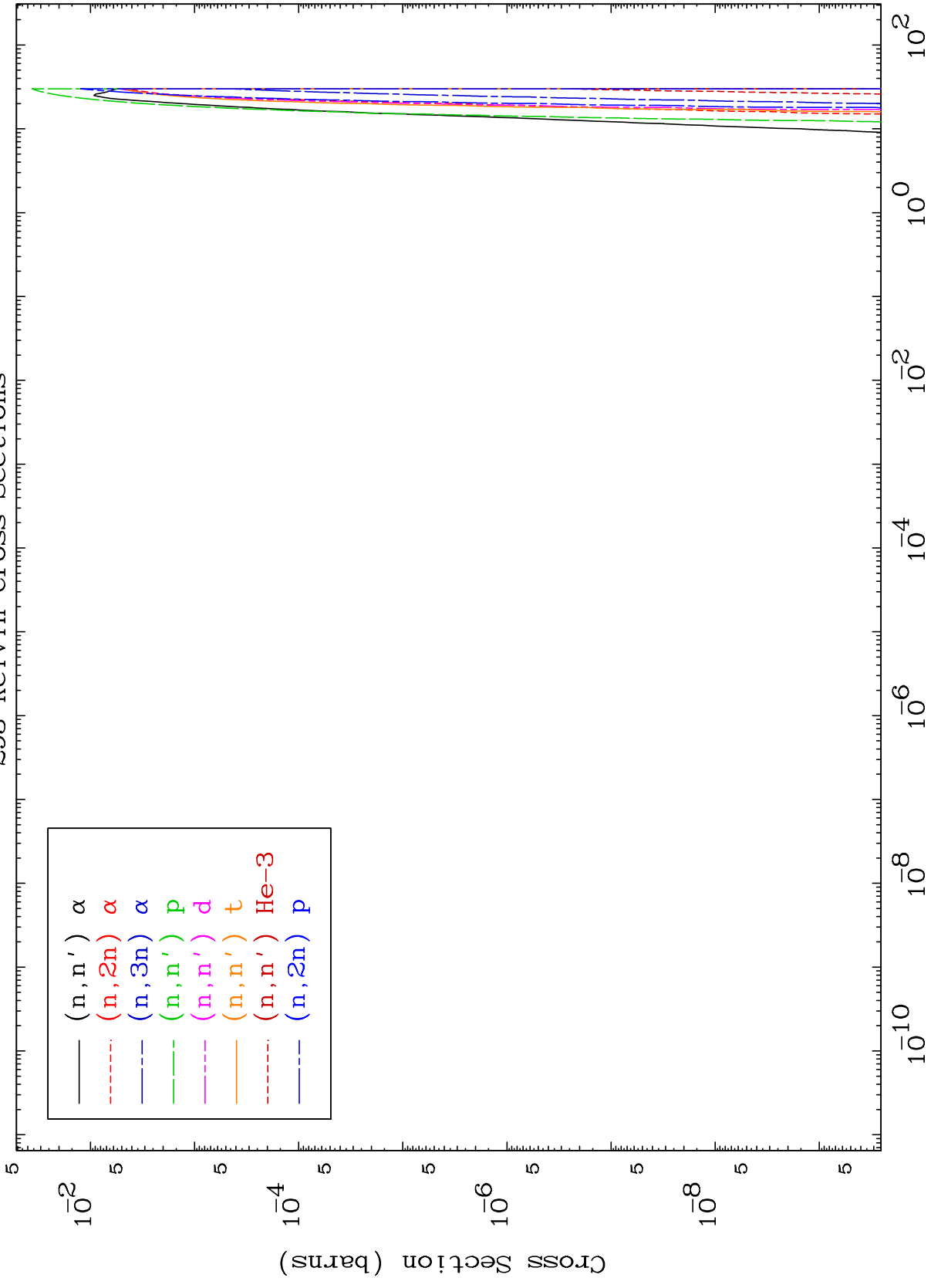
72-Hf-184



MAT 7255

293 Kelvin Cross Sections

72-Hf-184

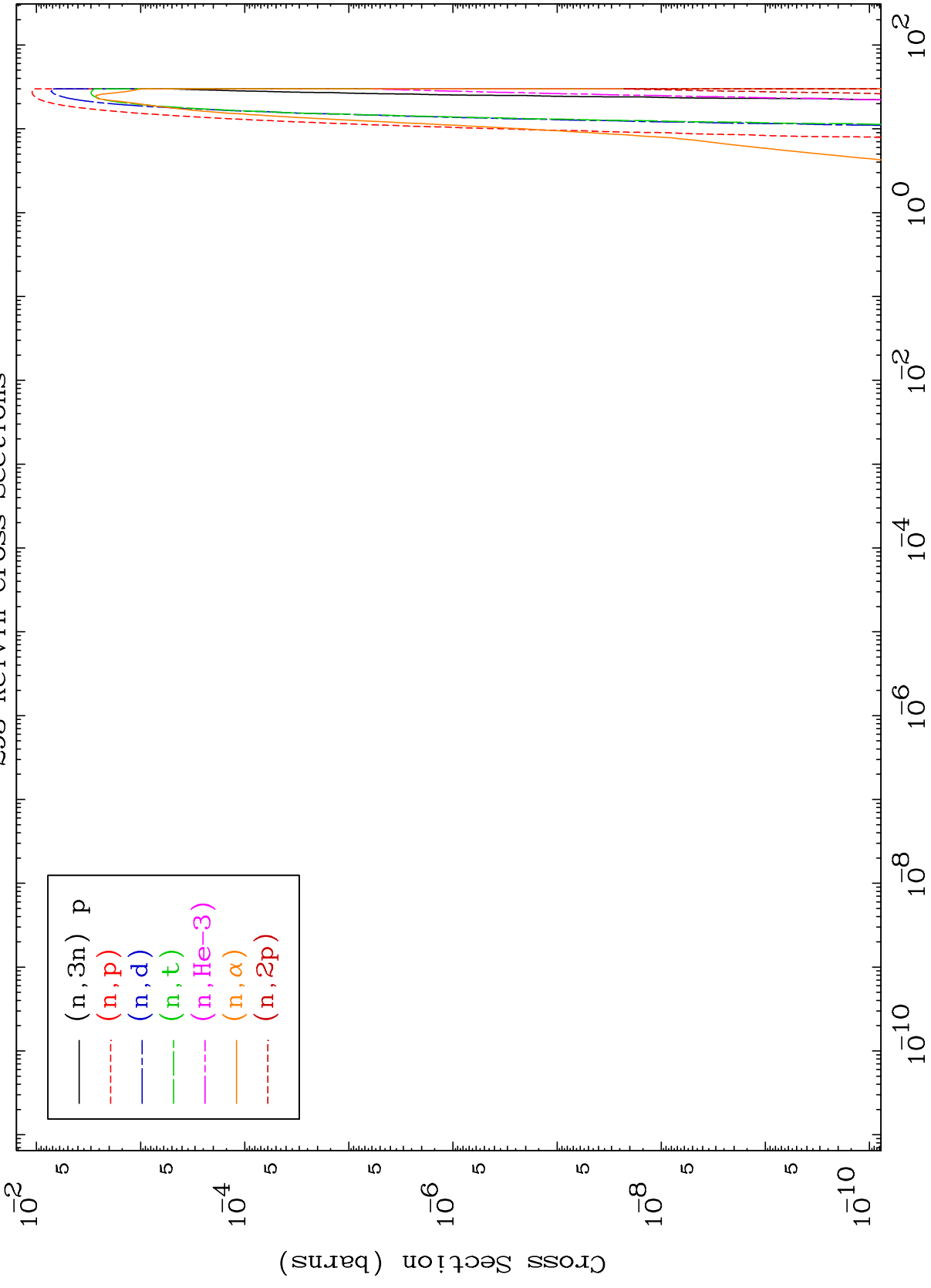


72-Hf-184

MAT 7255

293 Kelvin Cross Sections

72-Hf-184

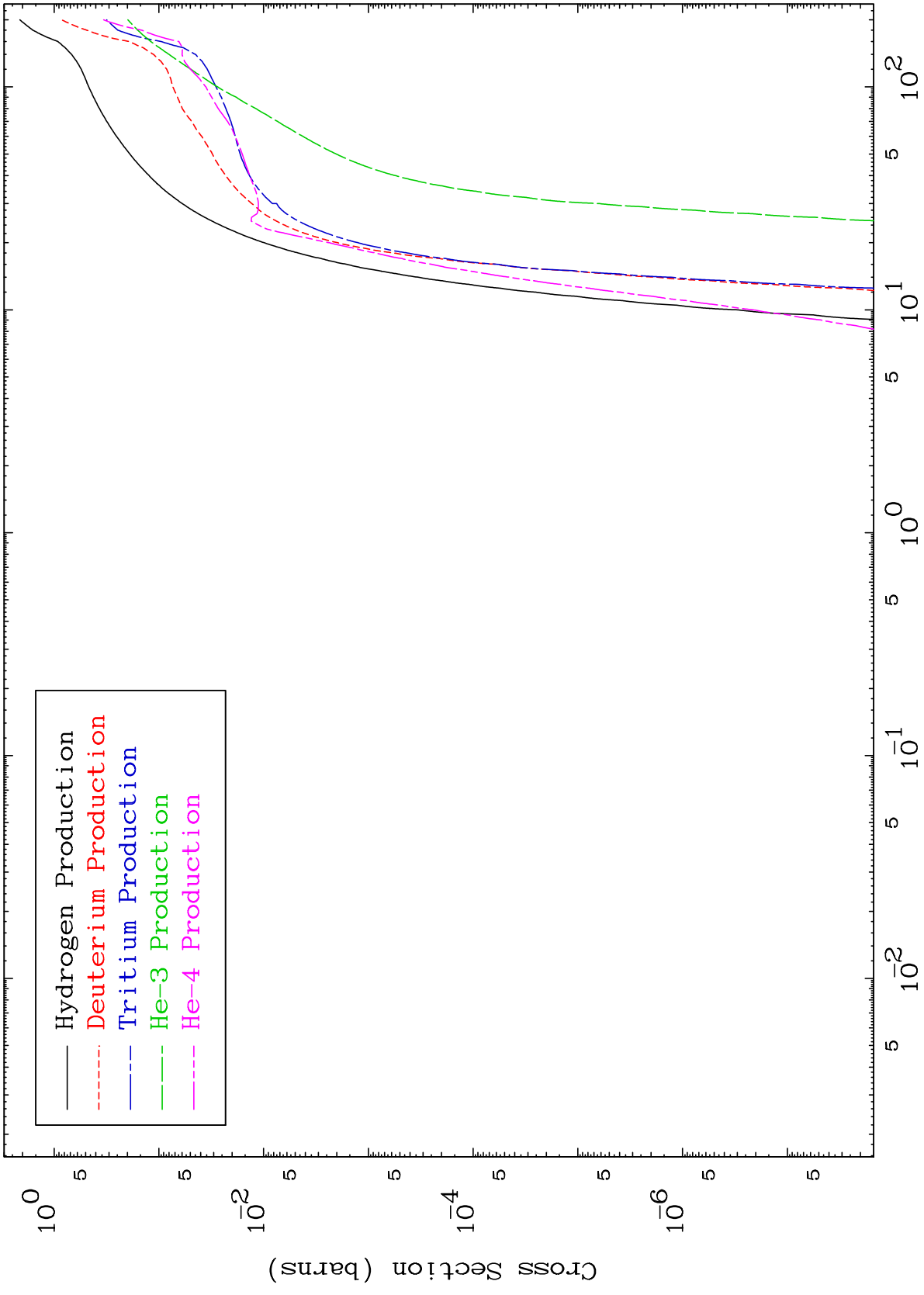


72-Hf-184

MAT 7255

Particle Production
293 Kelvin Cross Sections

72-Hf-184



6

Incident Energy (MeV)

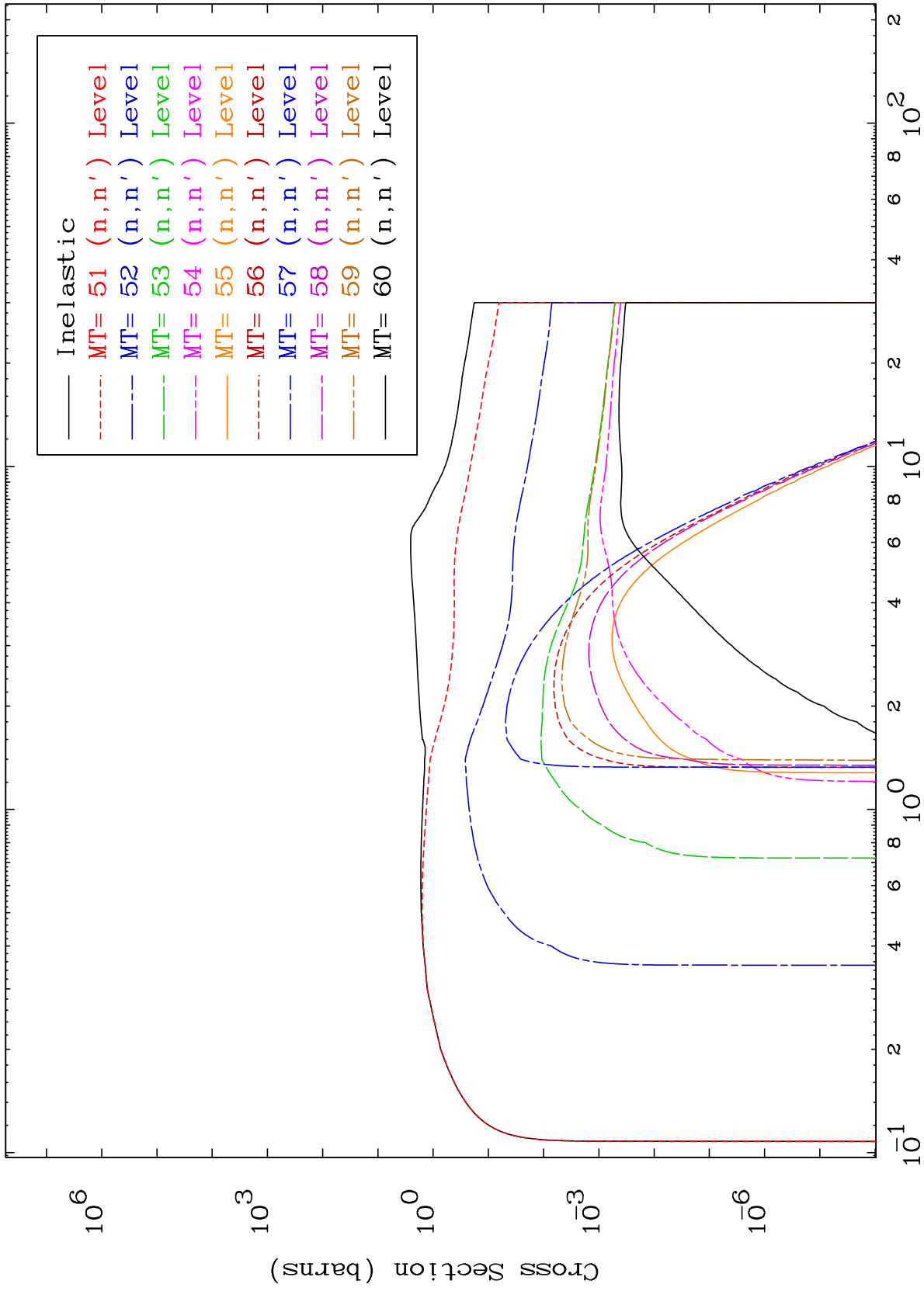
72-Hf-184

MAT 7255

(n,n') Level

72-Hf-184

293 Kelvin Cross Sections



7

Incident Energy (MeV)

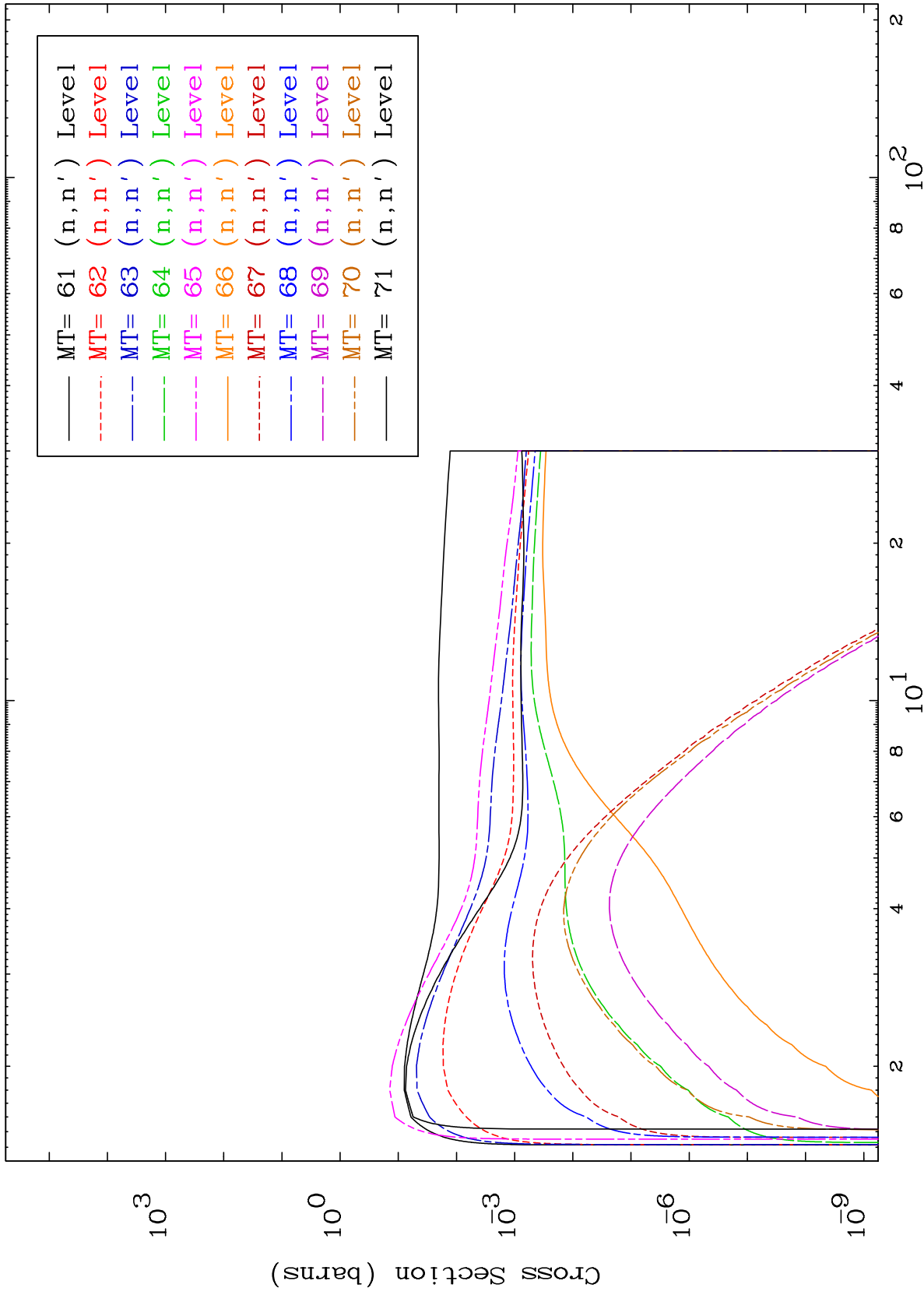
72-Hf-184

MAT 7255

(n,n') Level

72-Hf-184

293 Kelvin Cross Sections



8

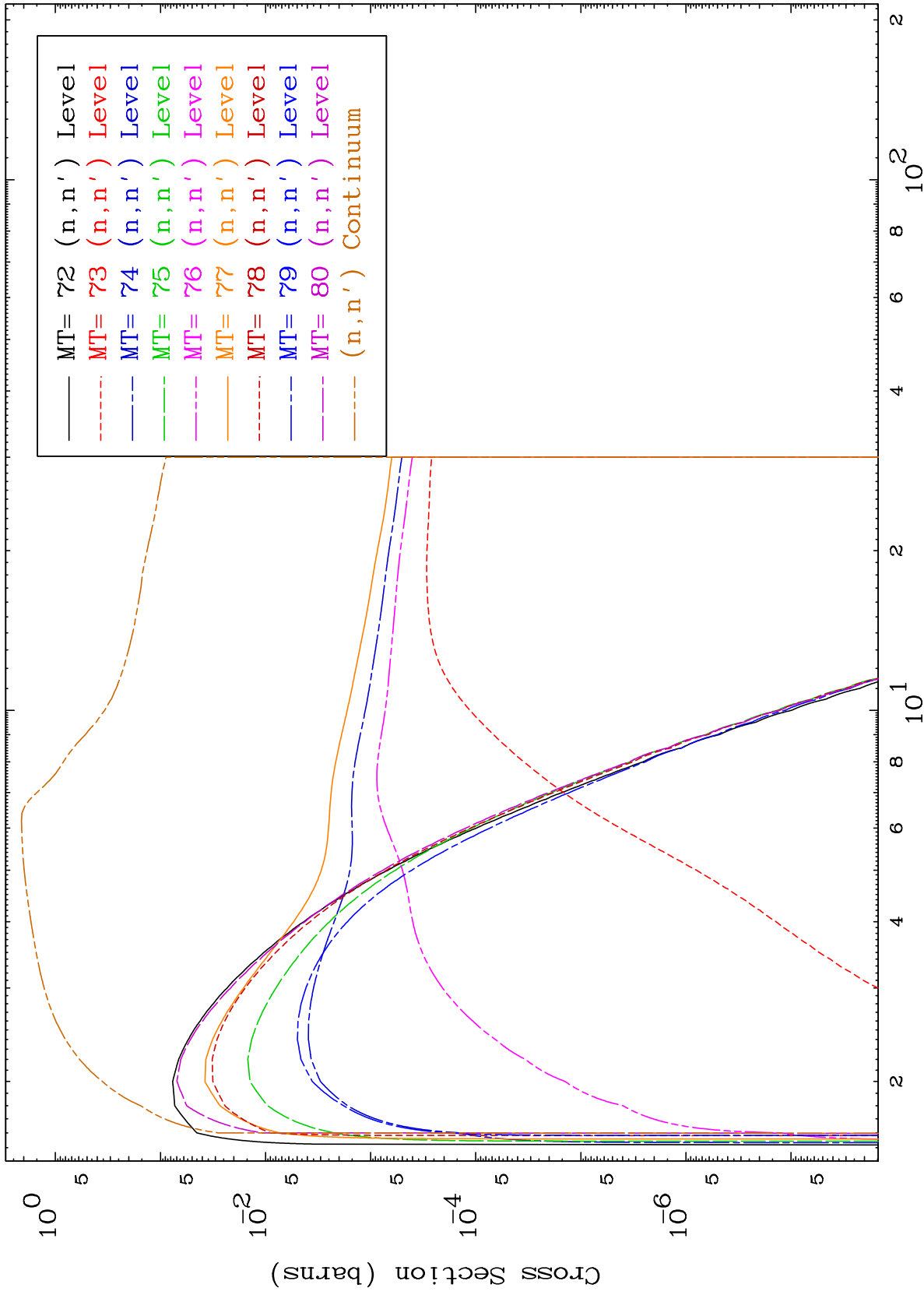
Incident Energy (MeV)

72-Hf-184

MAT 7255

(n,n') Level
293 Kelvin Cross Sections

72-Hf-184



9

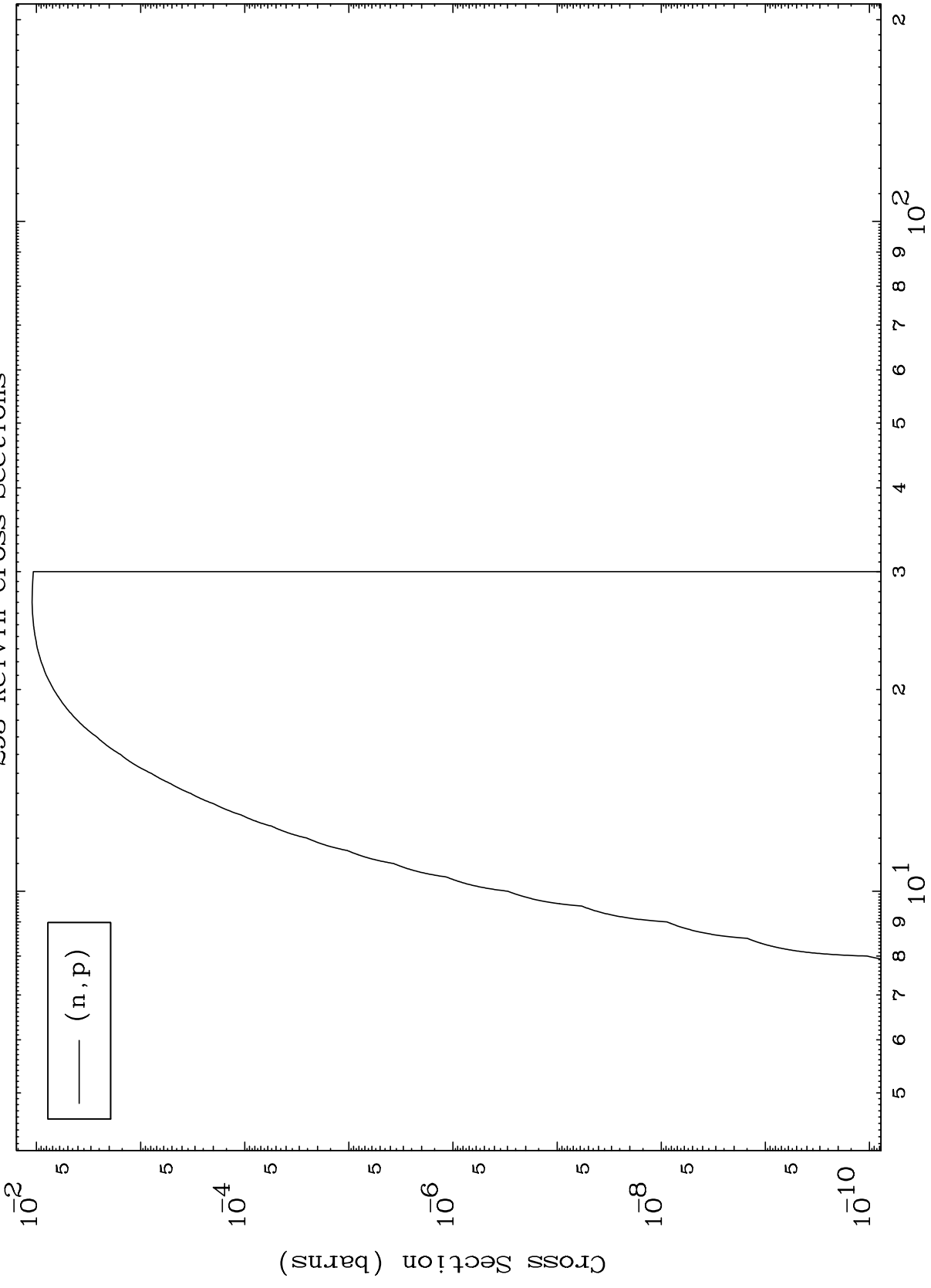
Incident Energy (MeV)

72-Hf-184

MAT 7255

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-184



10

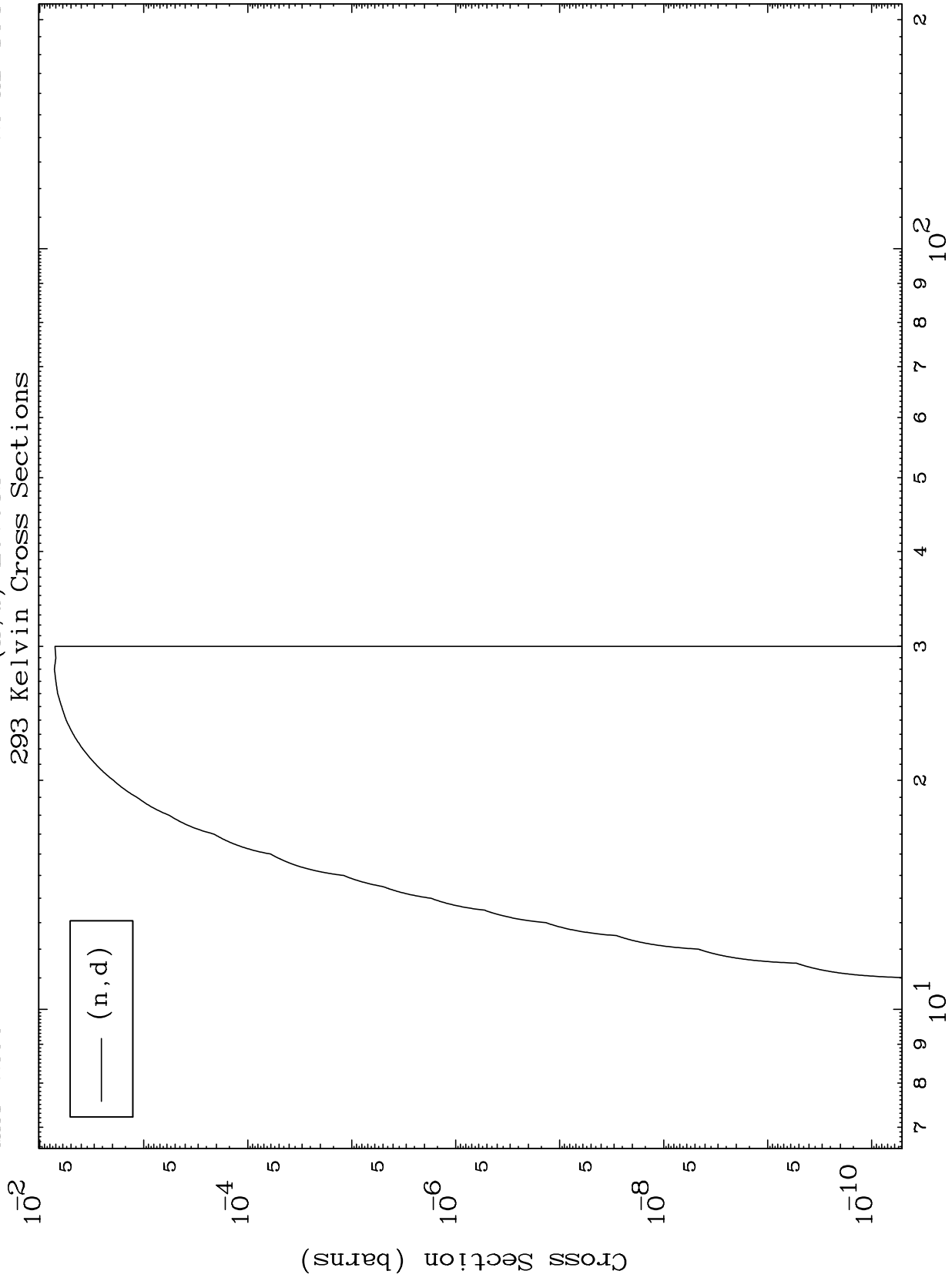
Incident Energy (MeV)

72-Hf-184

MAT 7255

(n,d) Levels
293 Kelvin Cross Sections

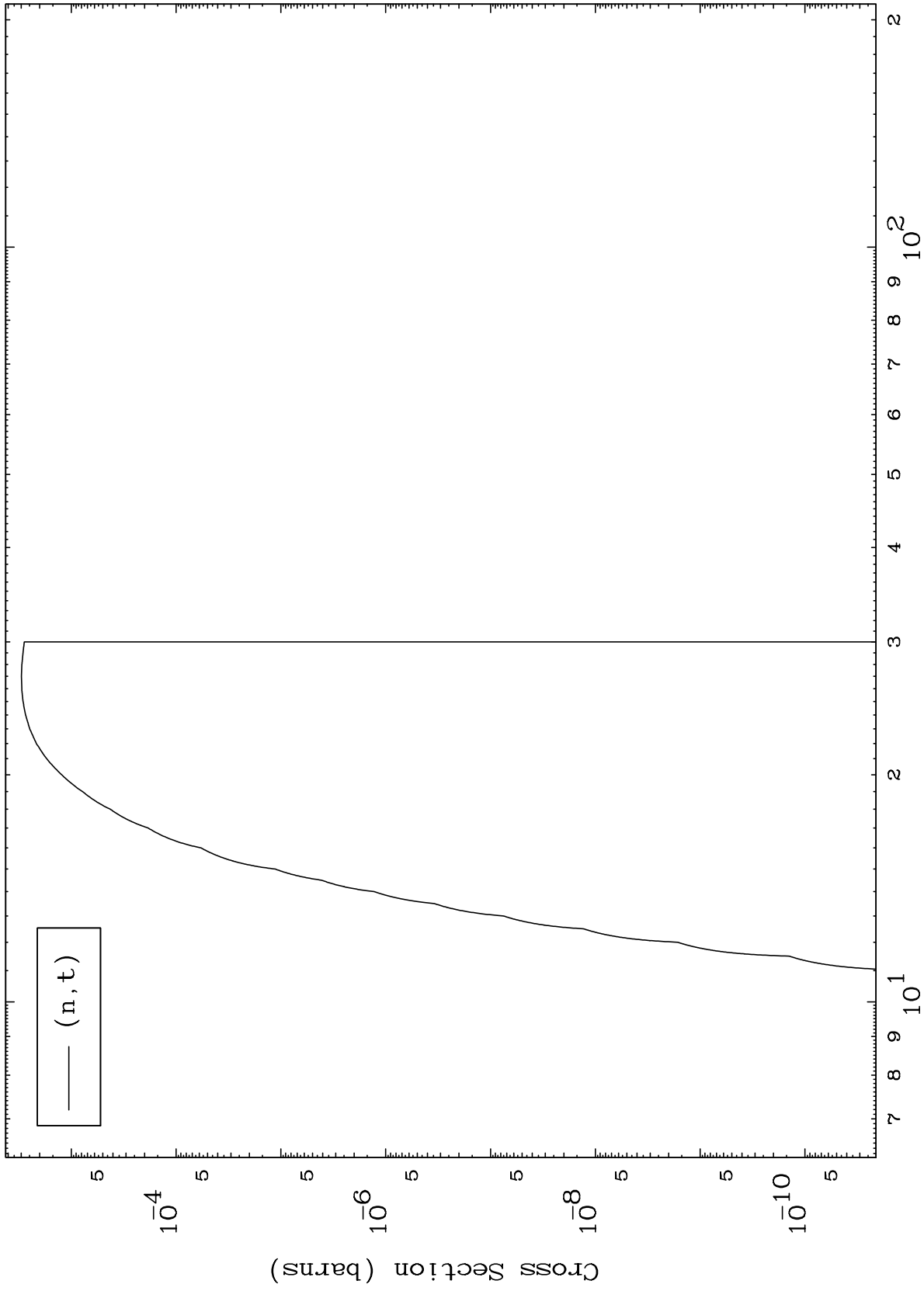
72-Hf-184



MAT 7255

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-184



12

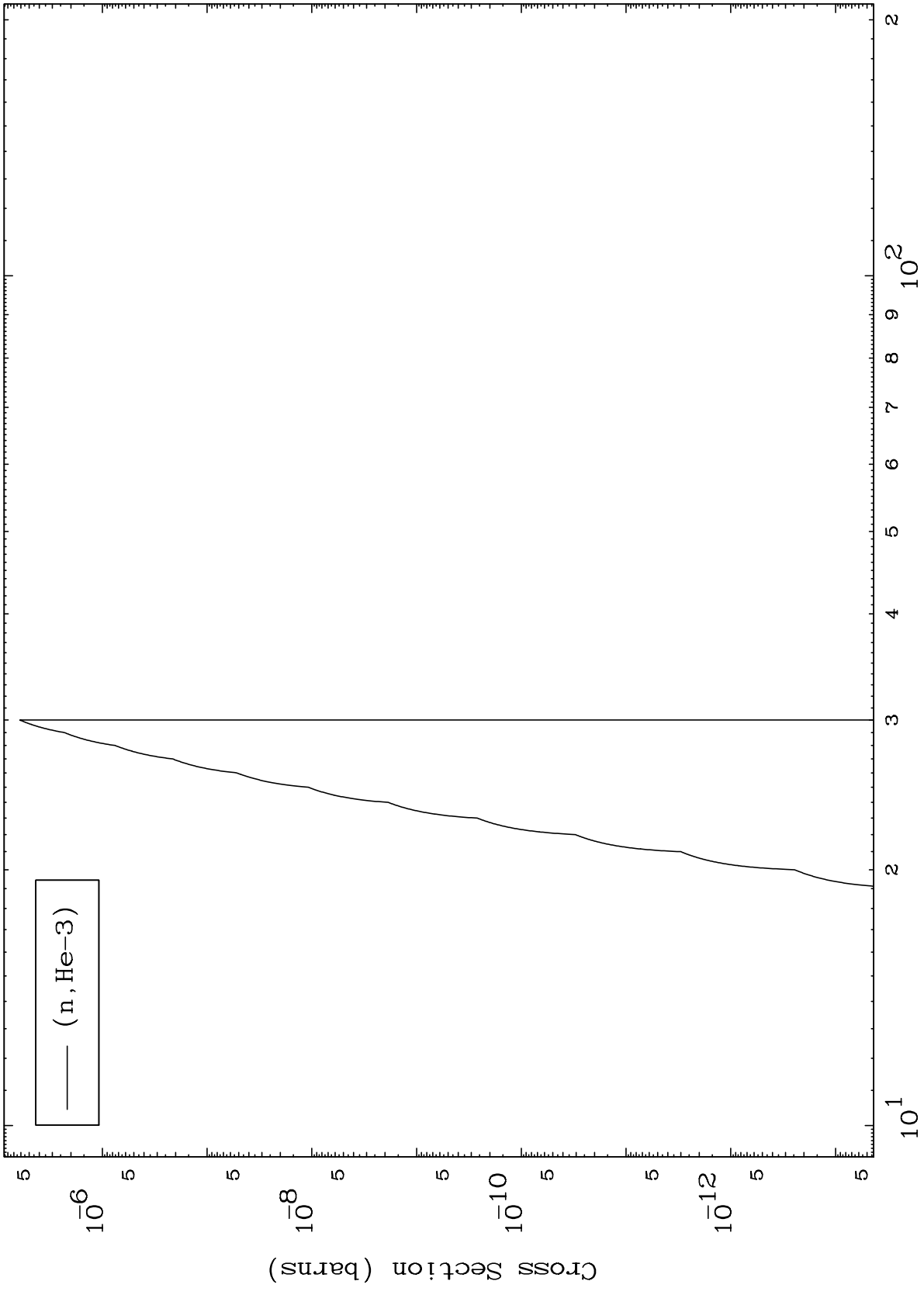
Incident Energy (MeV)

72-Hf-184

MAT 7255

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-184



(n, He-3)

13

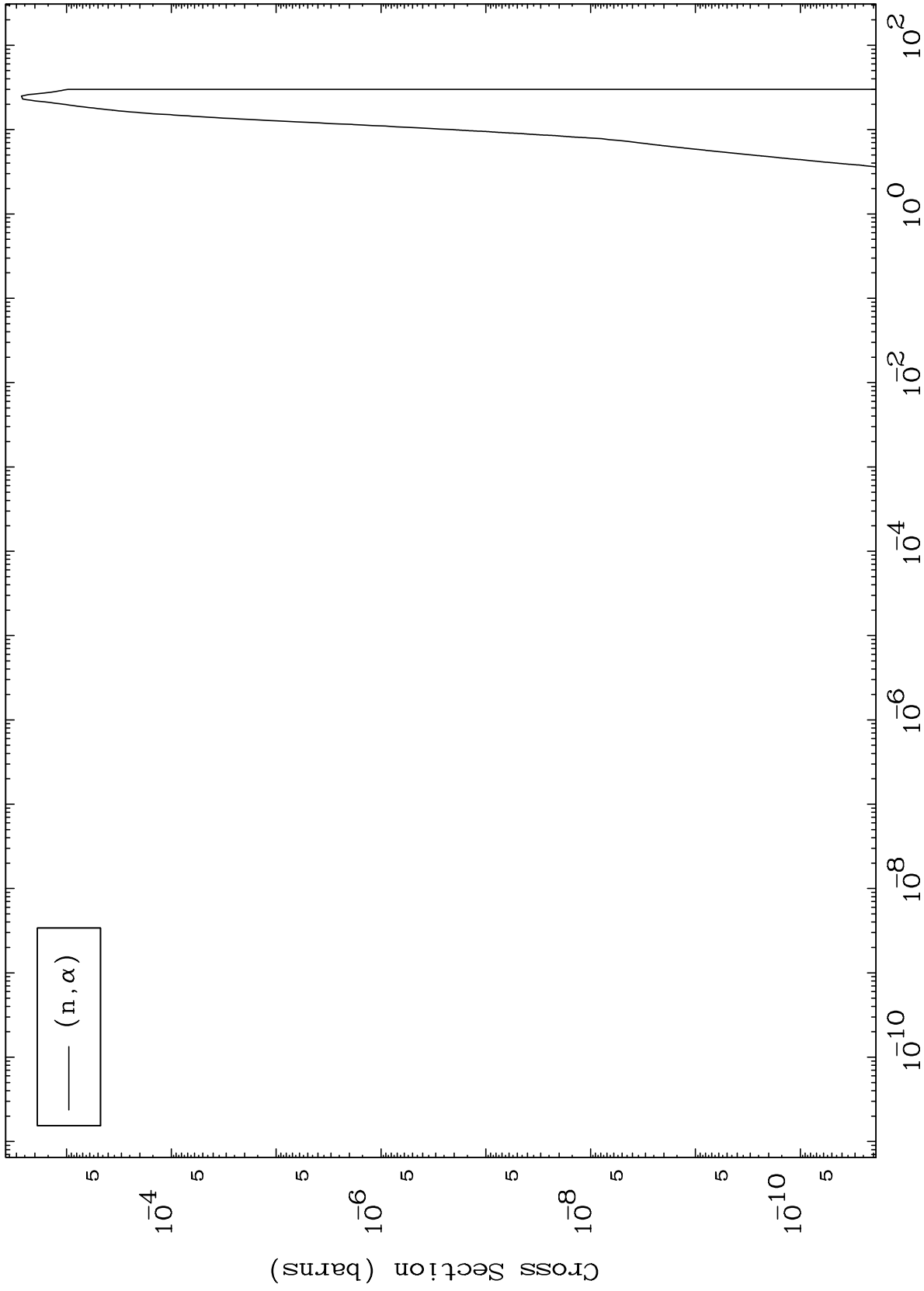
Incident Energy (MeV)

72-Hf-184

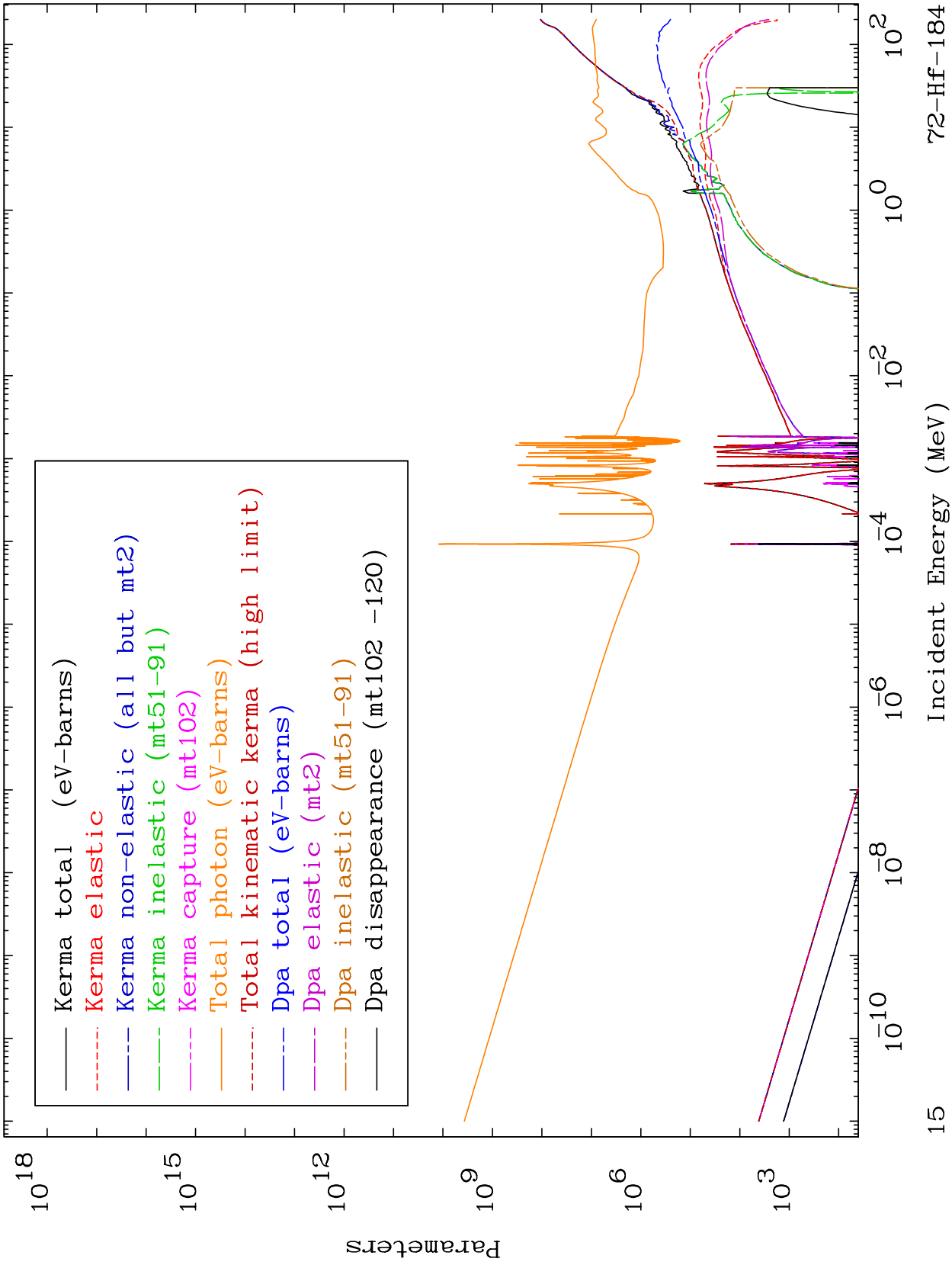
MAT 7255

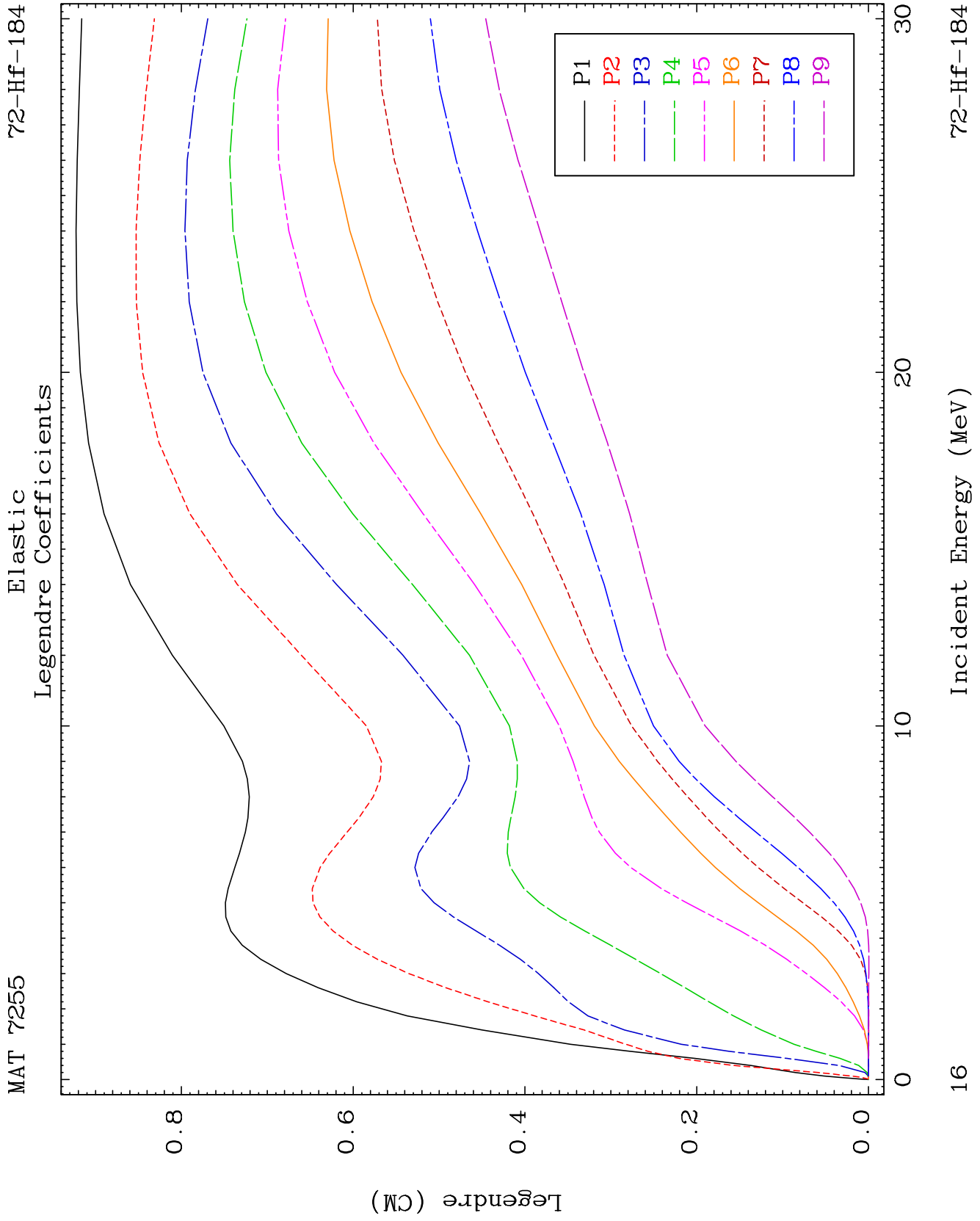
(n,α) Levels
293 Kelvin Cross Sections

72-Hf-184



72-Hf-184

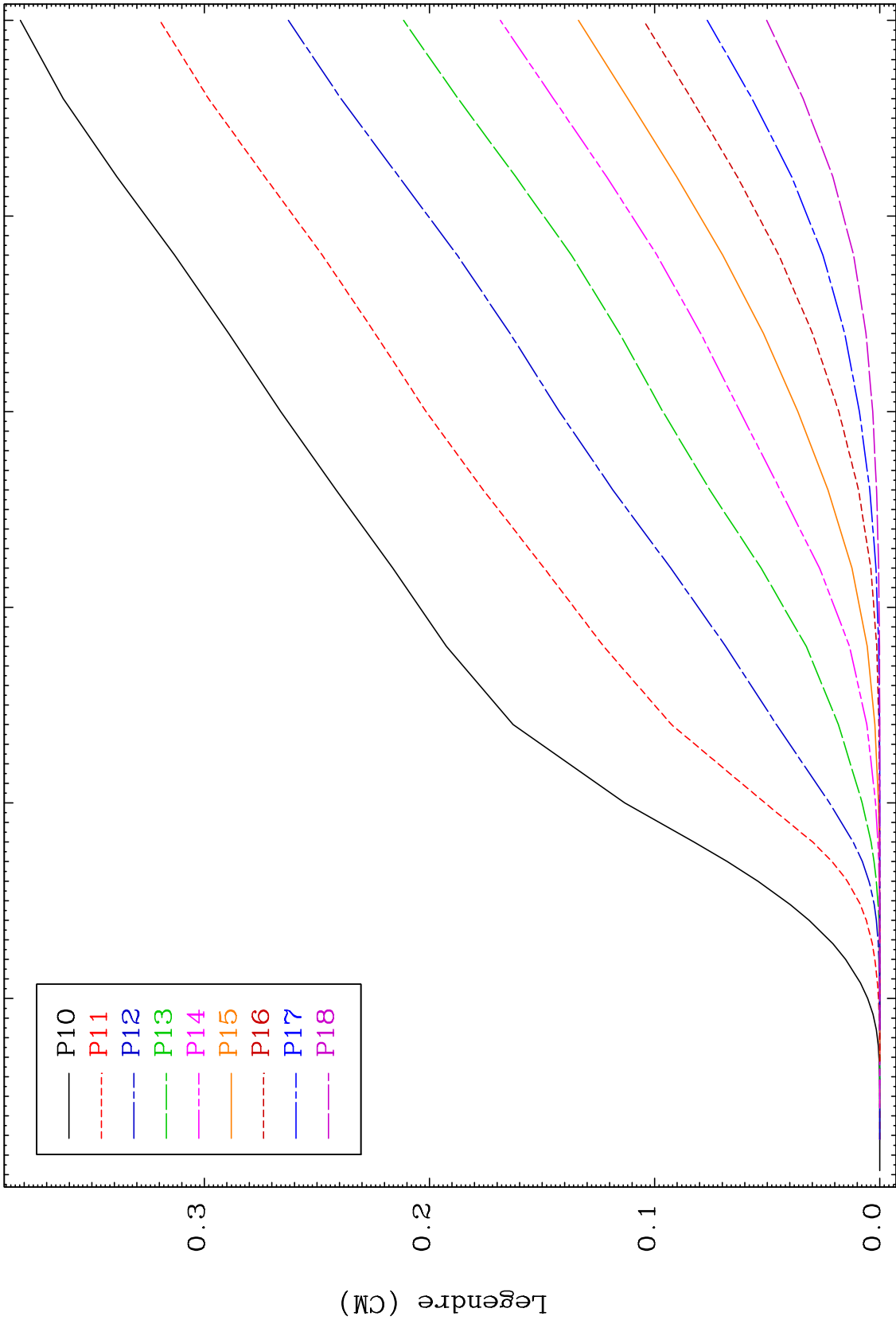




MAT 7255

Elastic Legendre Coefficients

72-Hf-184



17

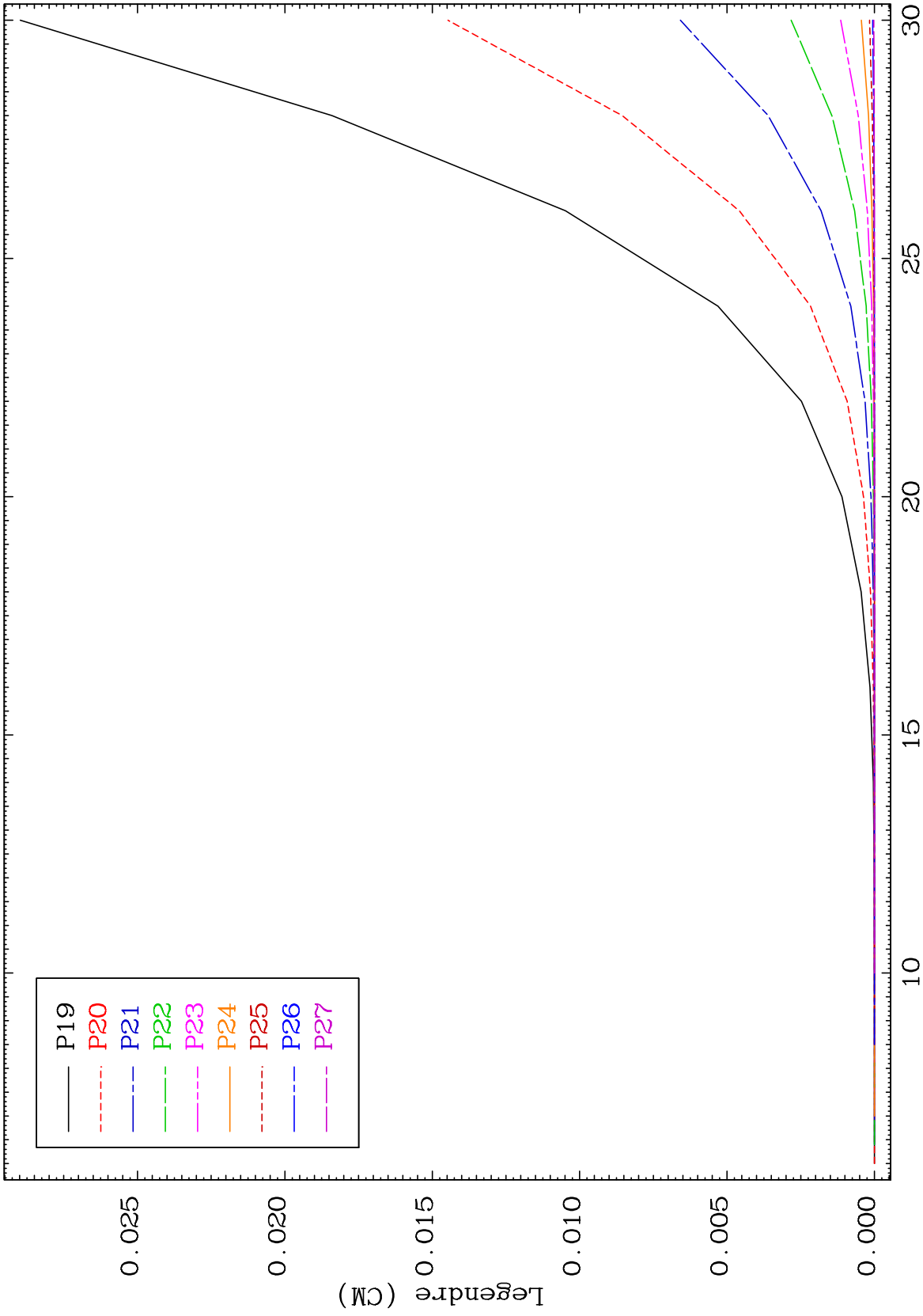
Incident Energy (MeV)

72-Hf-184

MAT 7255

Elastic Legendre Coefficients

72-Hf-184



18

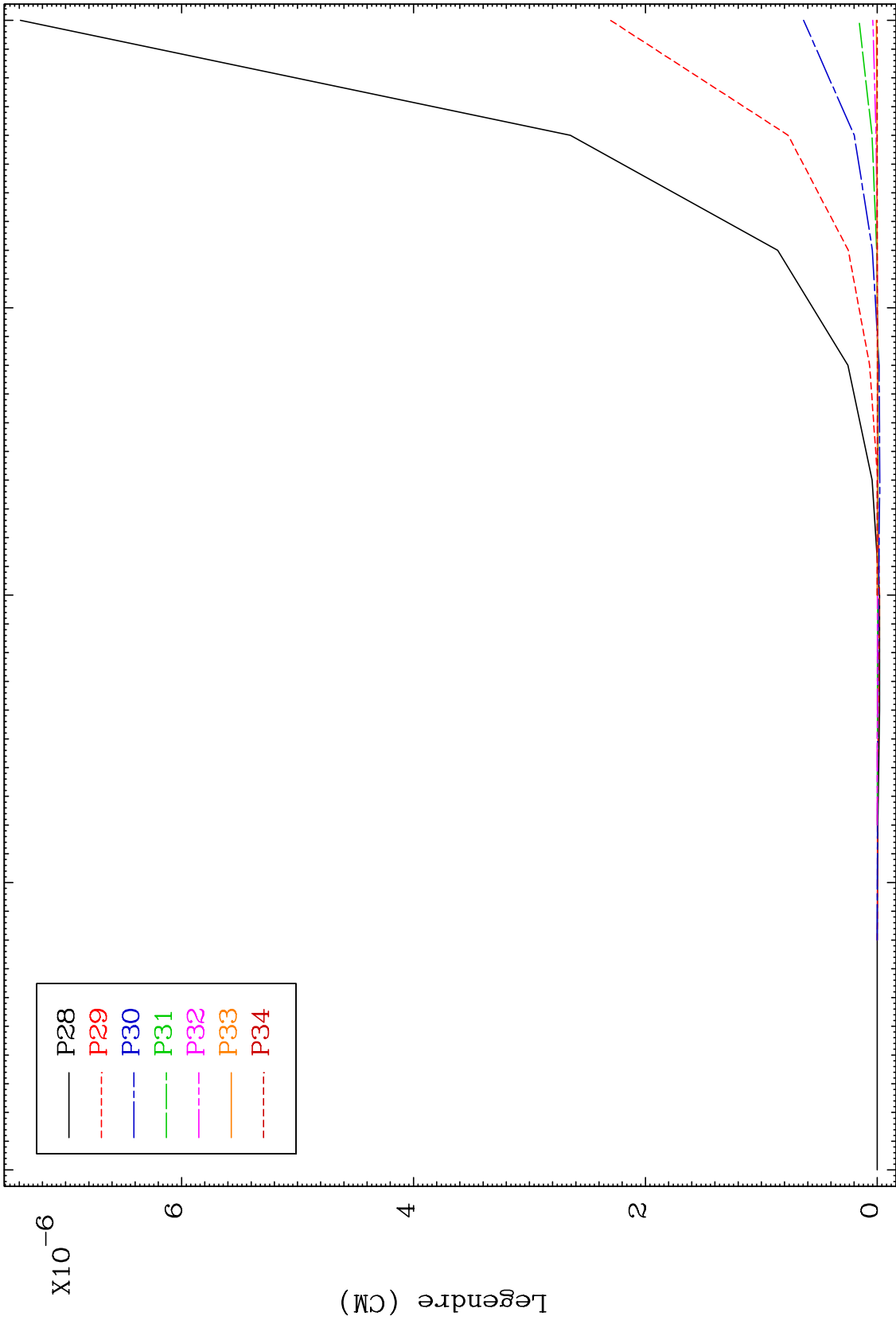
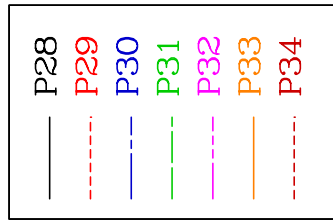
Incident Energy (MeV)

72-Hf-184

MAT 7255

Elastic Legendre Coefficients

72-Hf-184



19

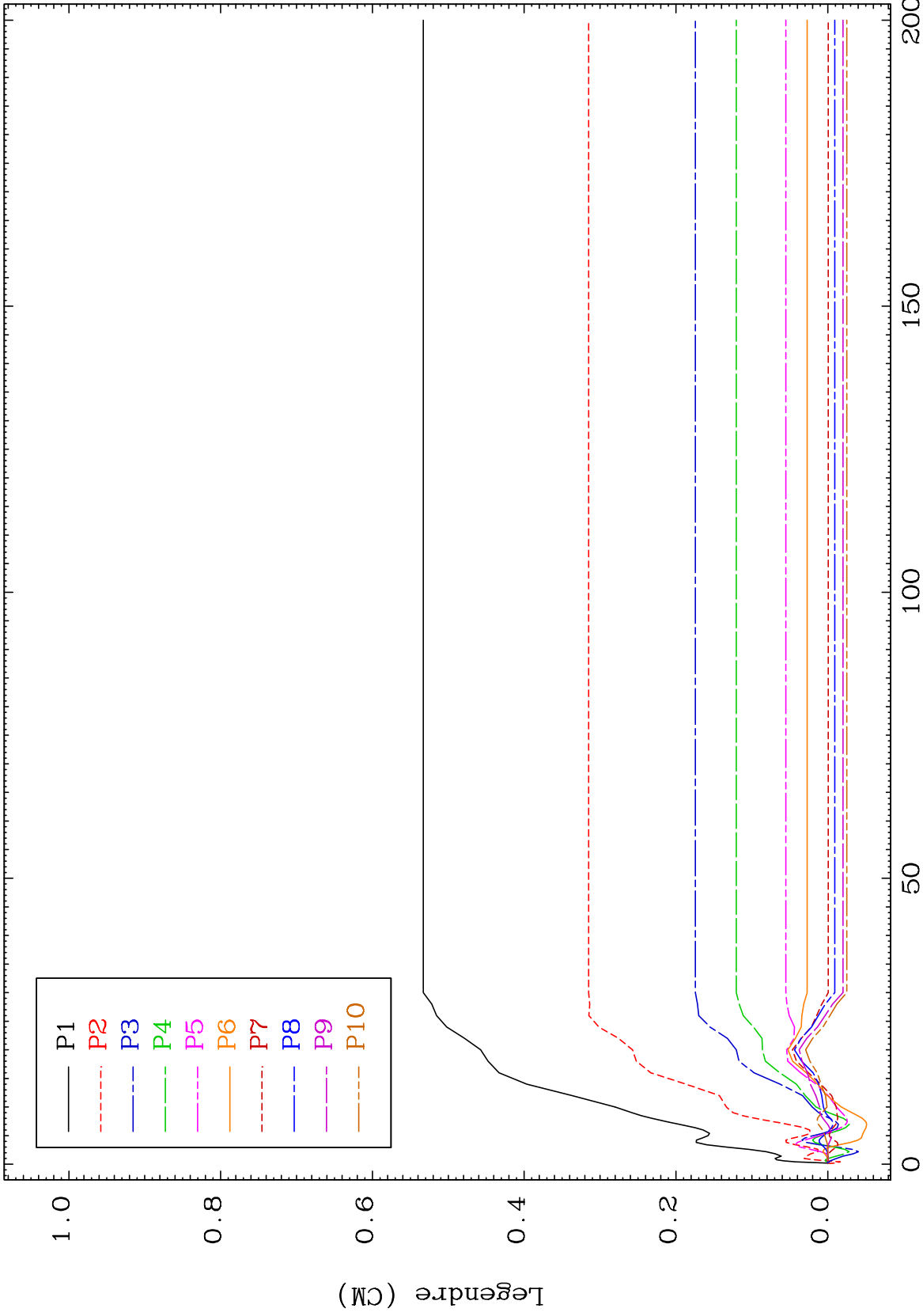
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



72-Hf-184

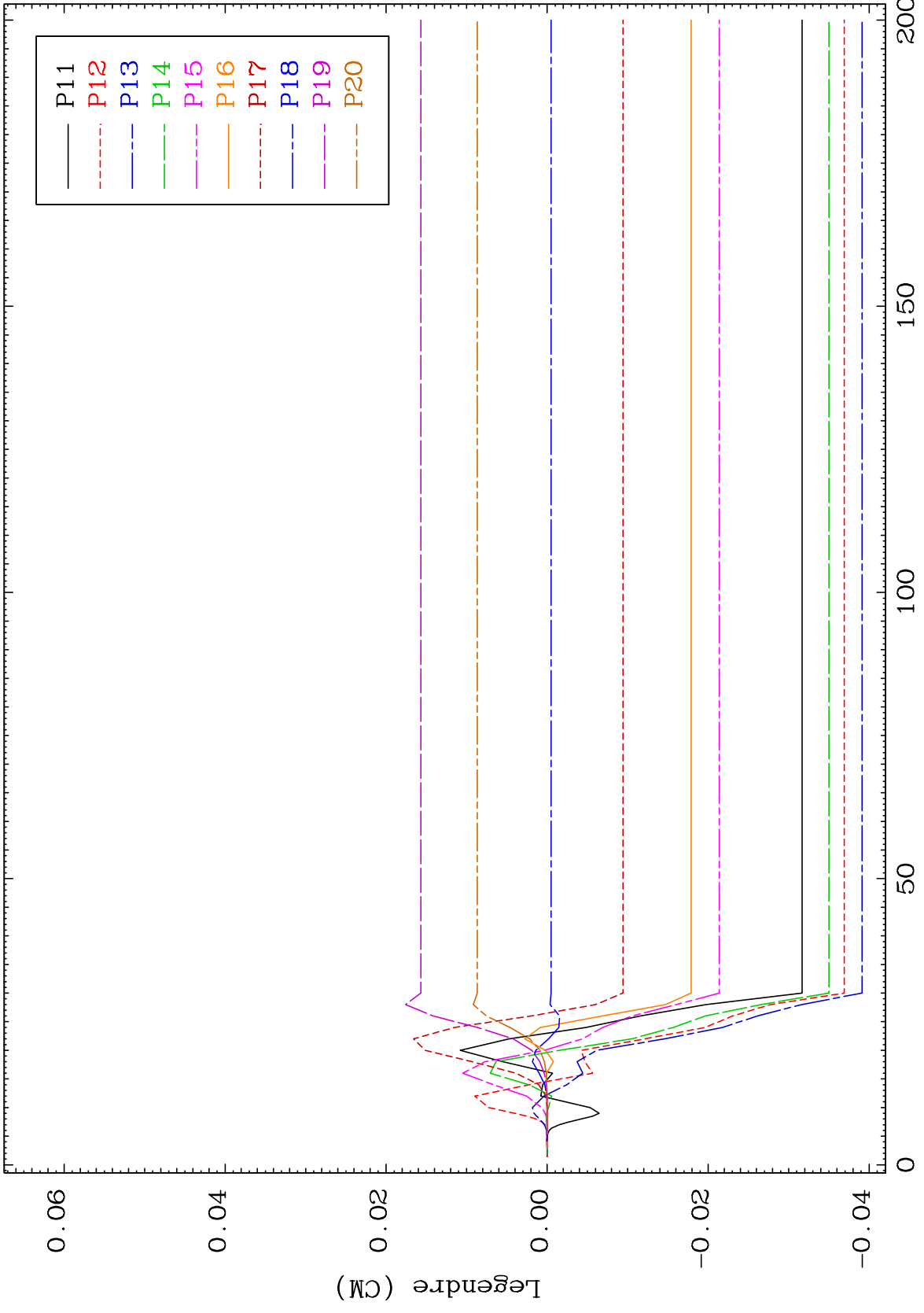
Incident Energy (MeV)

20

MAT 7255

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

72-Hf-184



21

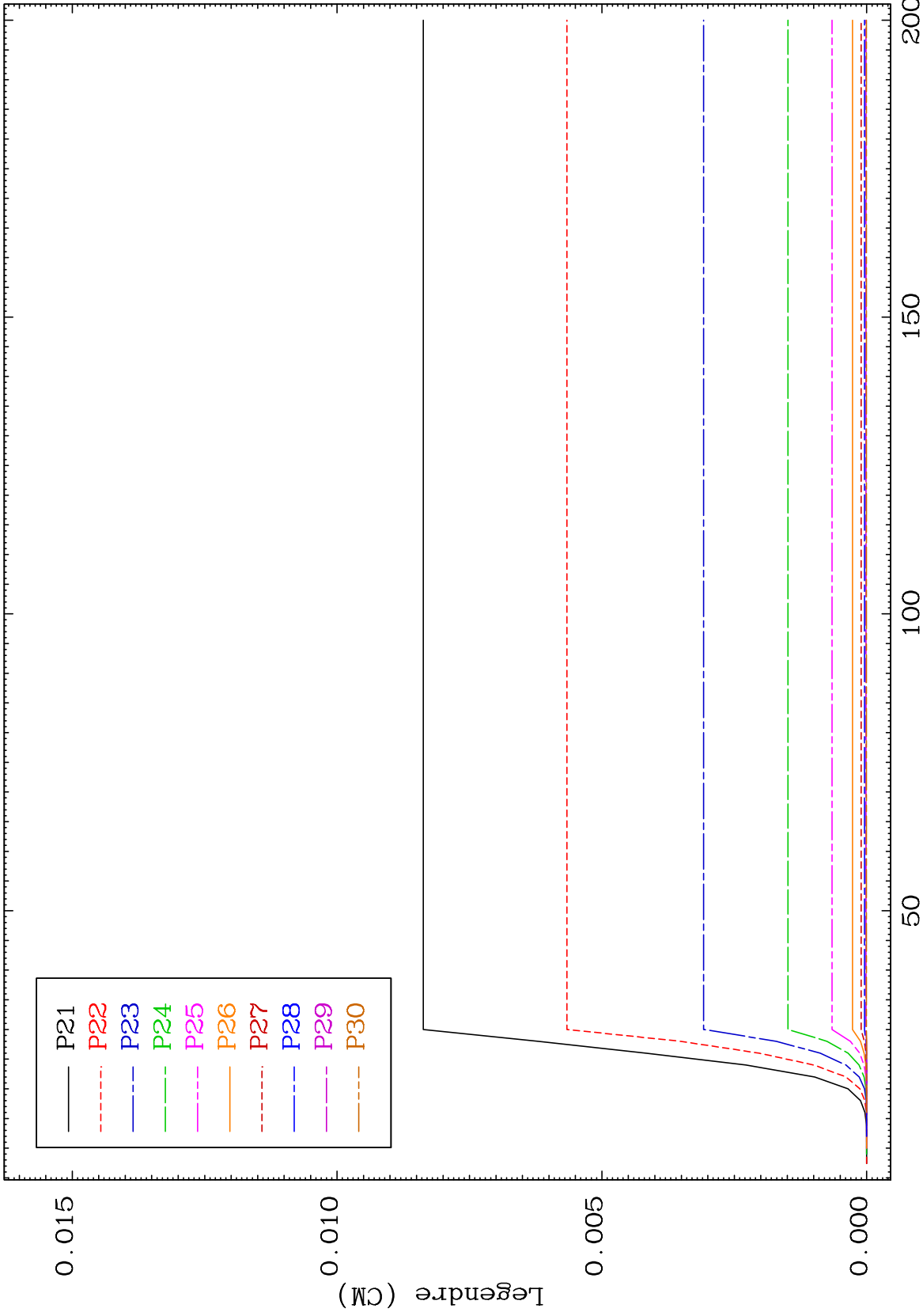
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



22

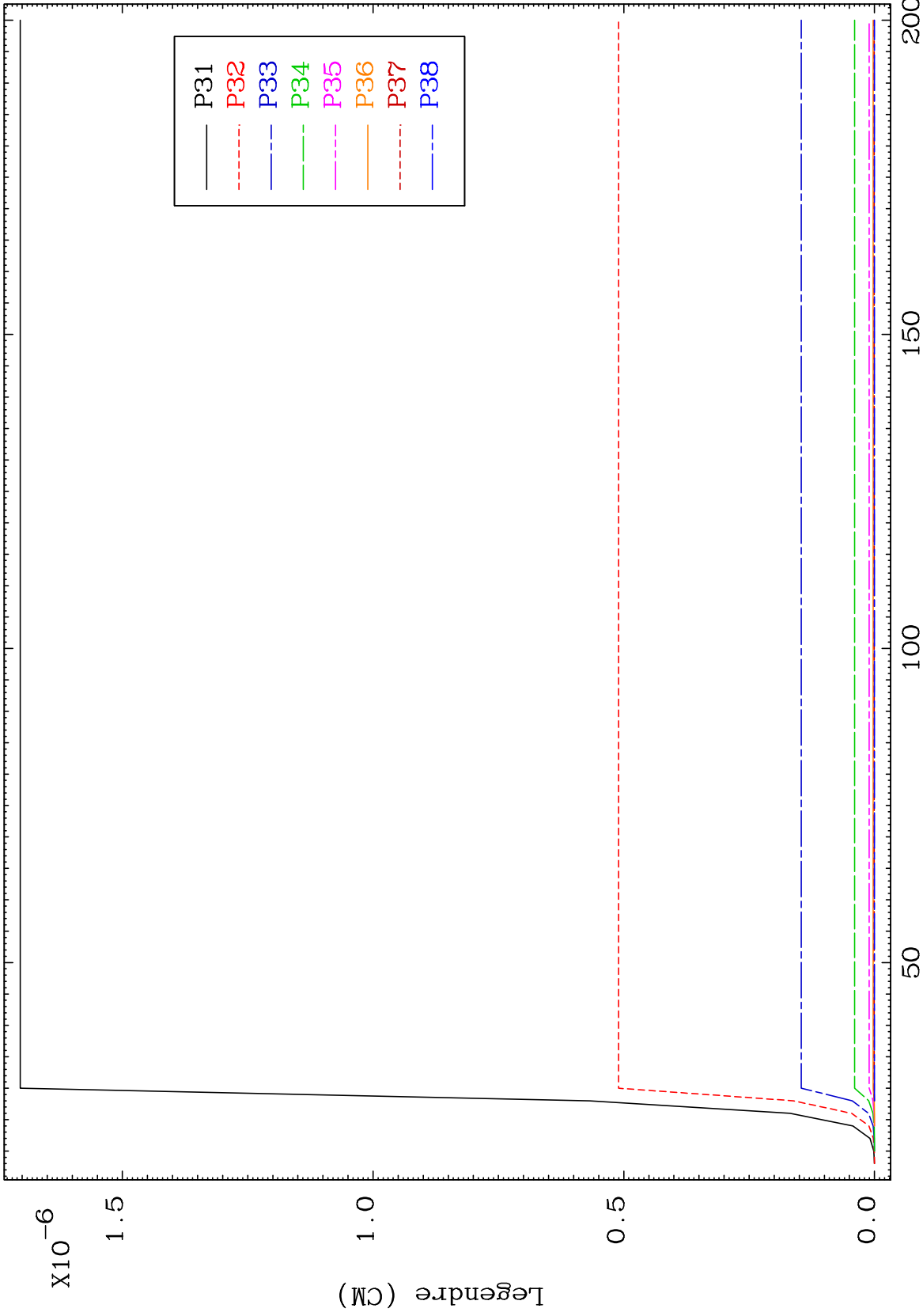
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

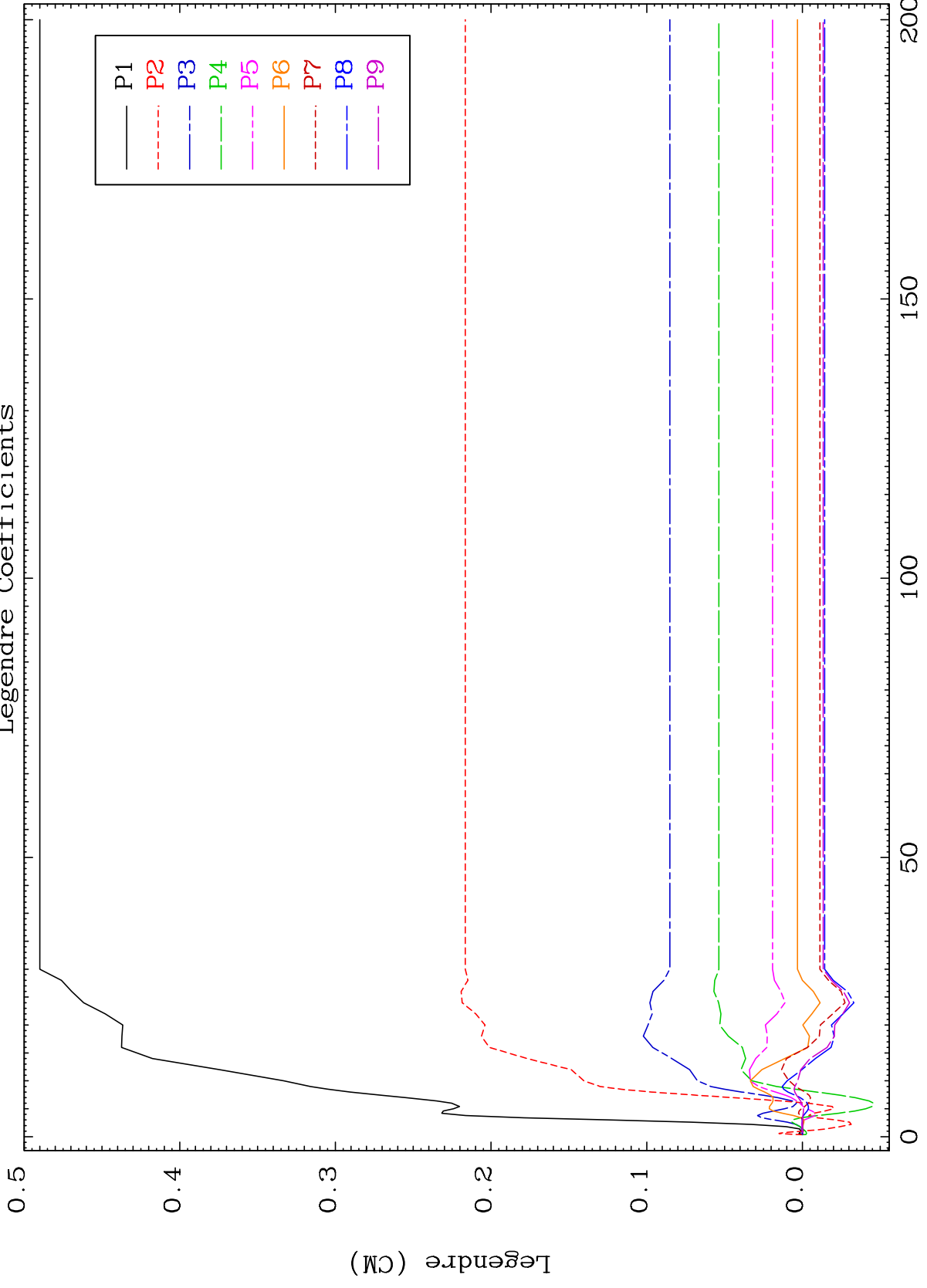
72-Hf-184



23

72-Hf-184

MAT 7255 MT= 52 (n,n') Level Legendre Coefficients 72-Hf-184

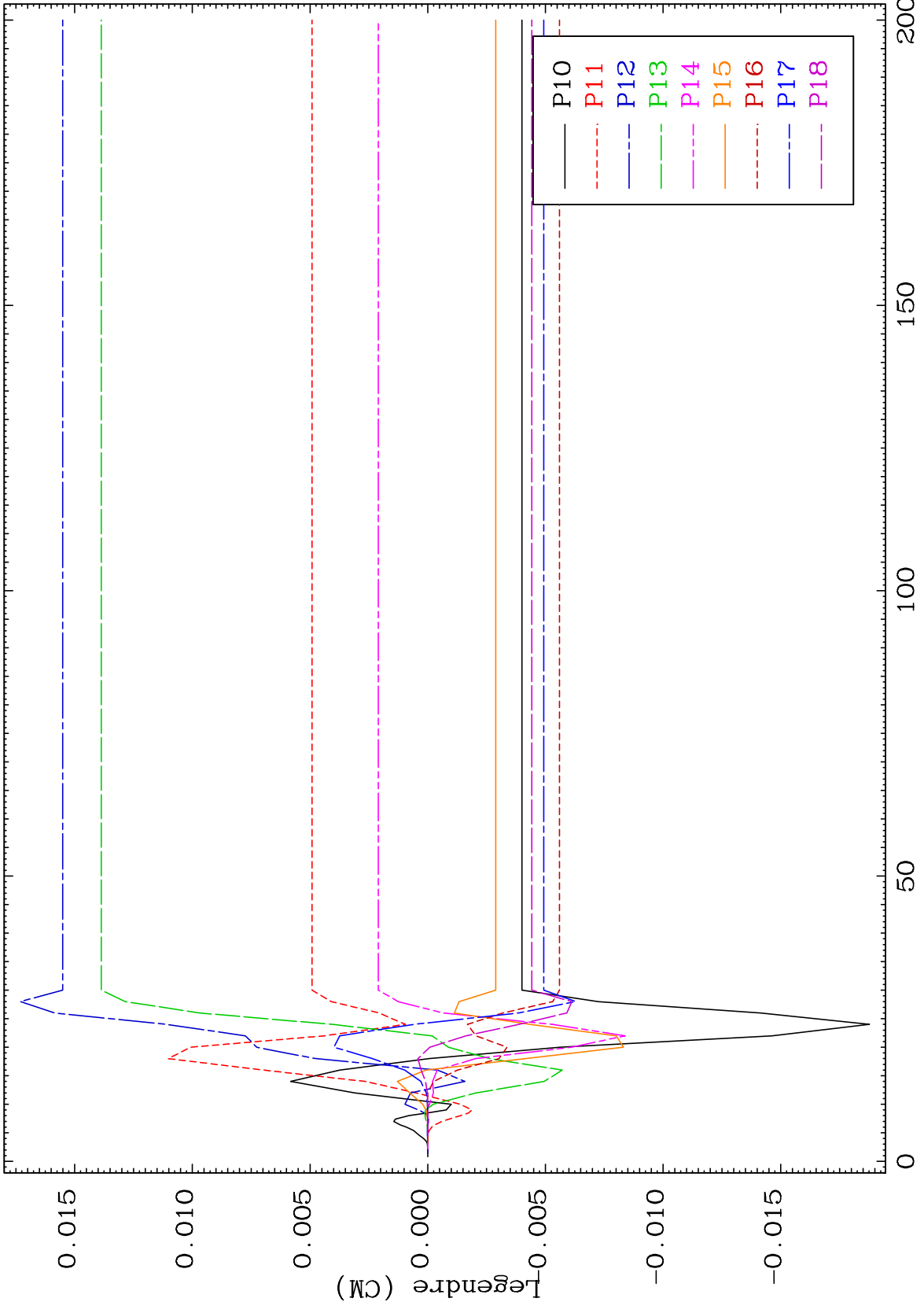


24 72-Hf-184

MAT 7255

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

72-Hf-184



25

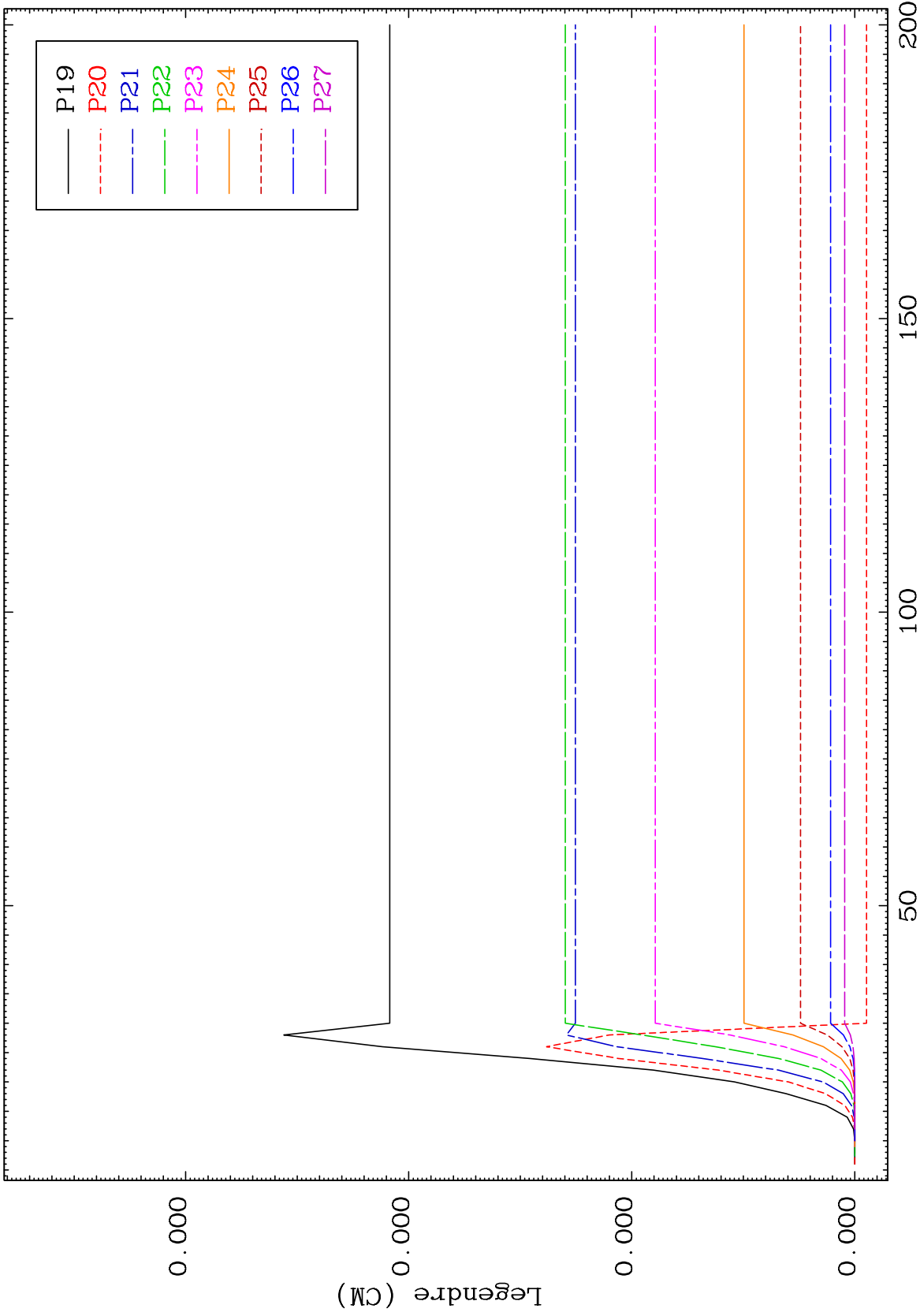
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



26

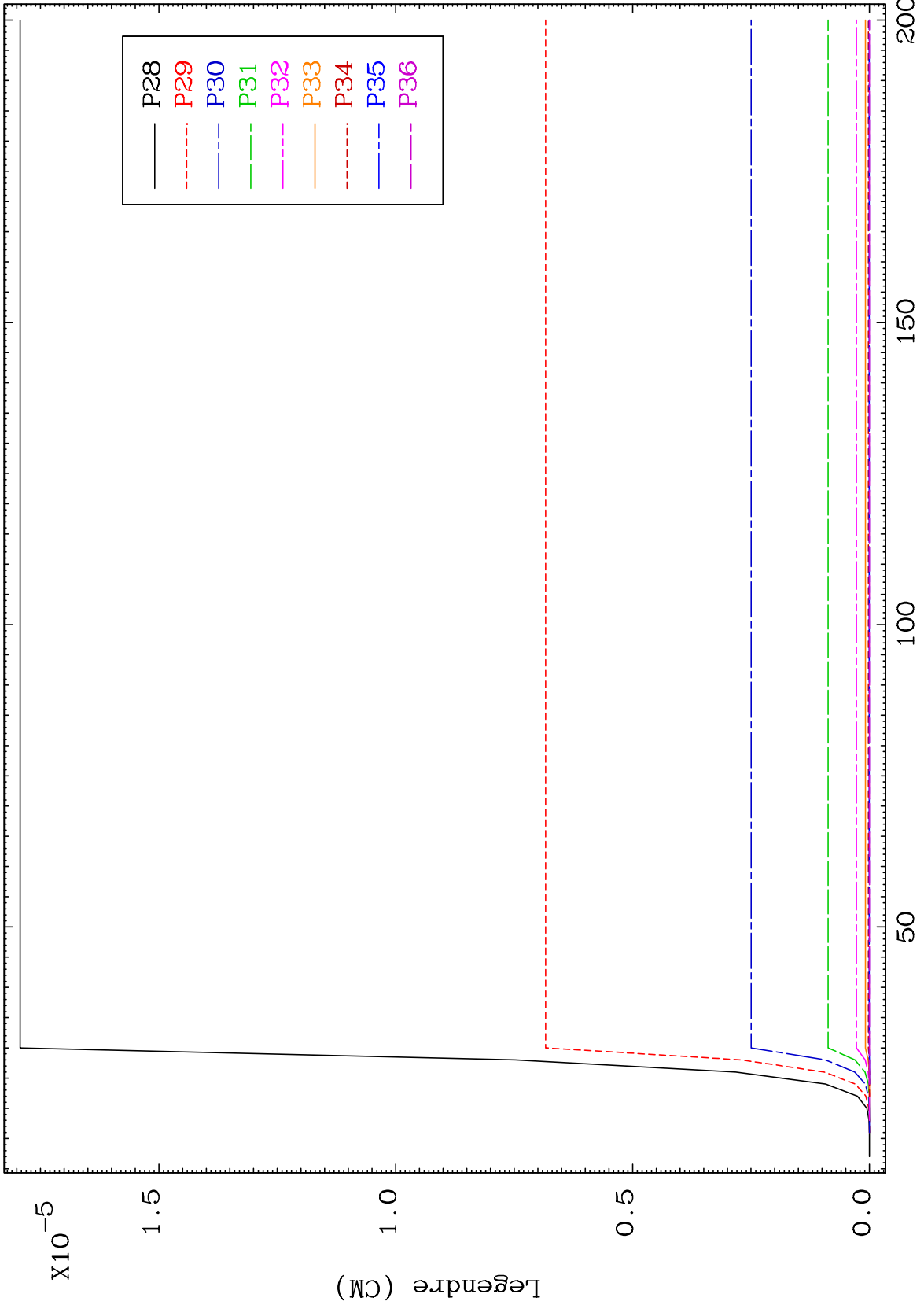
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



27

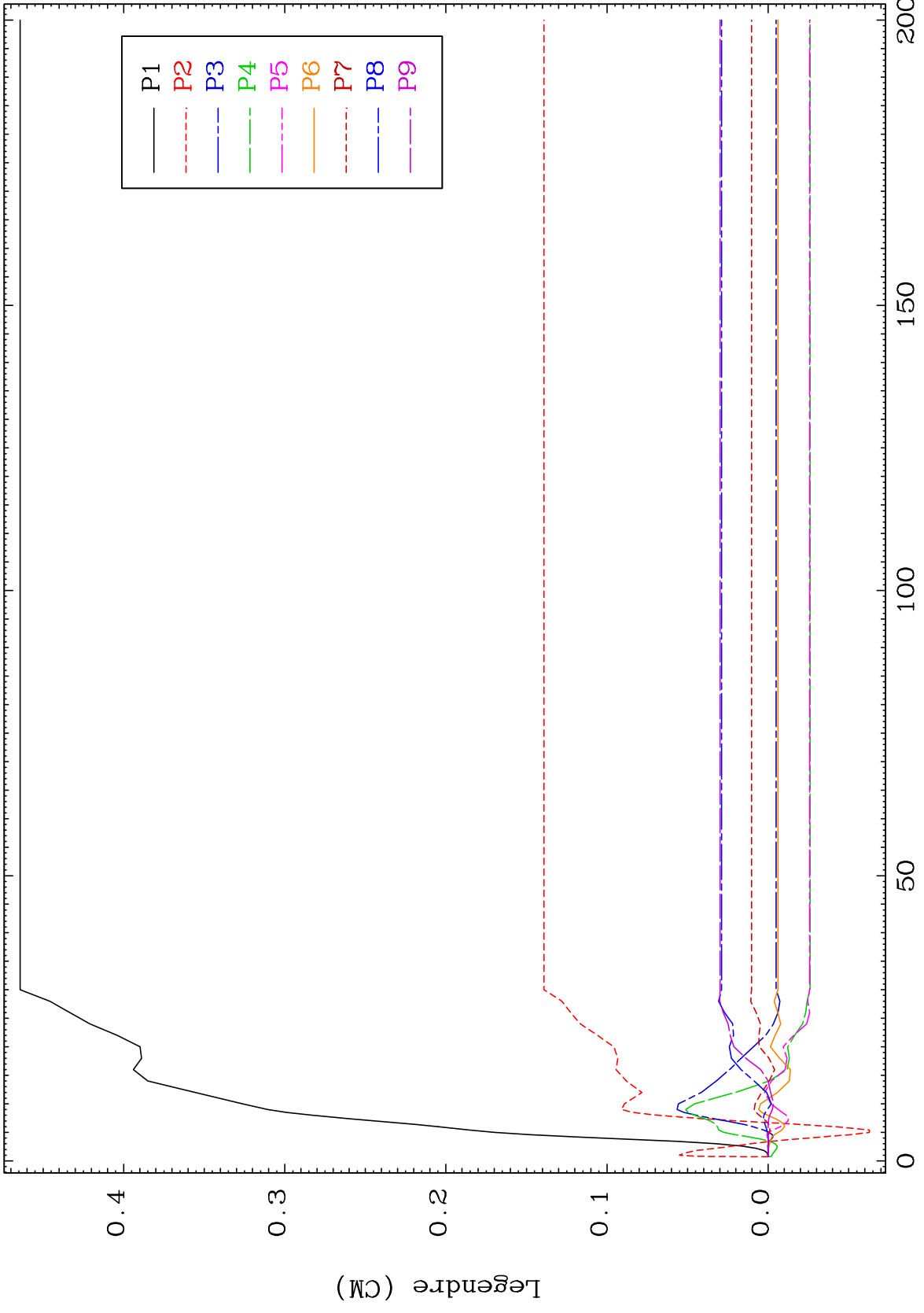
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



28

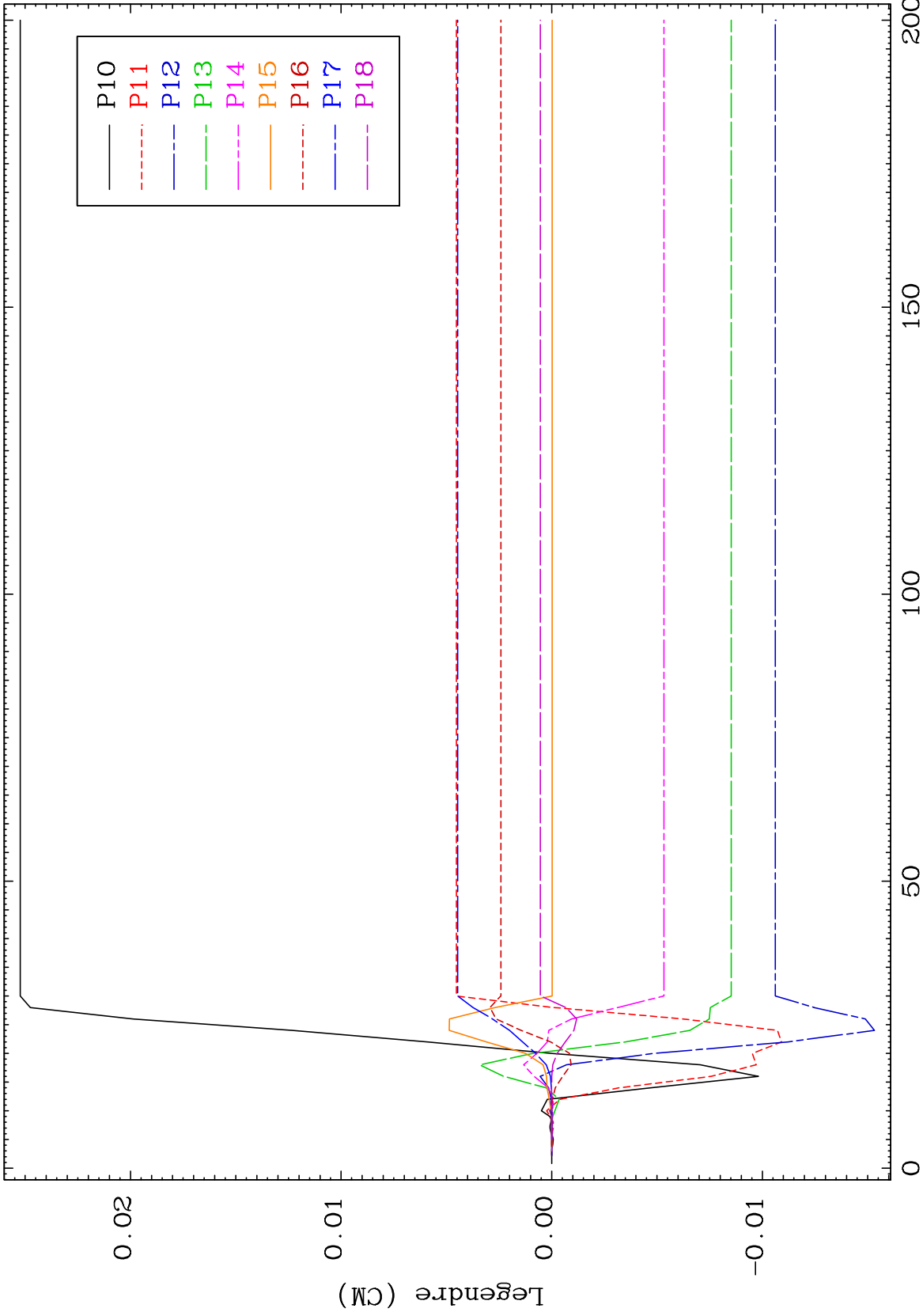
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



29

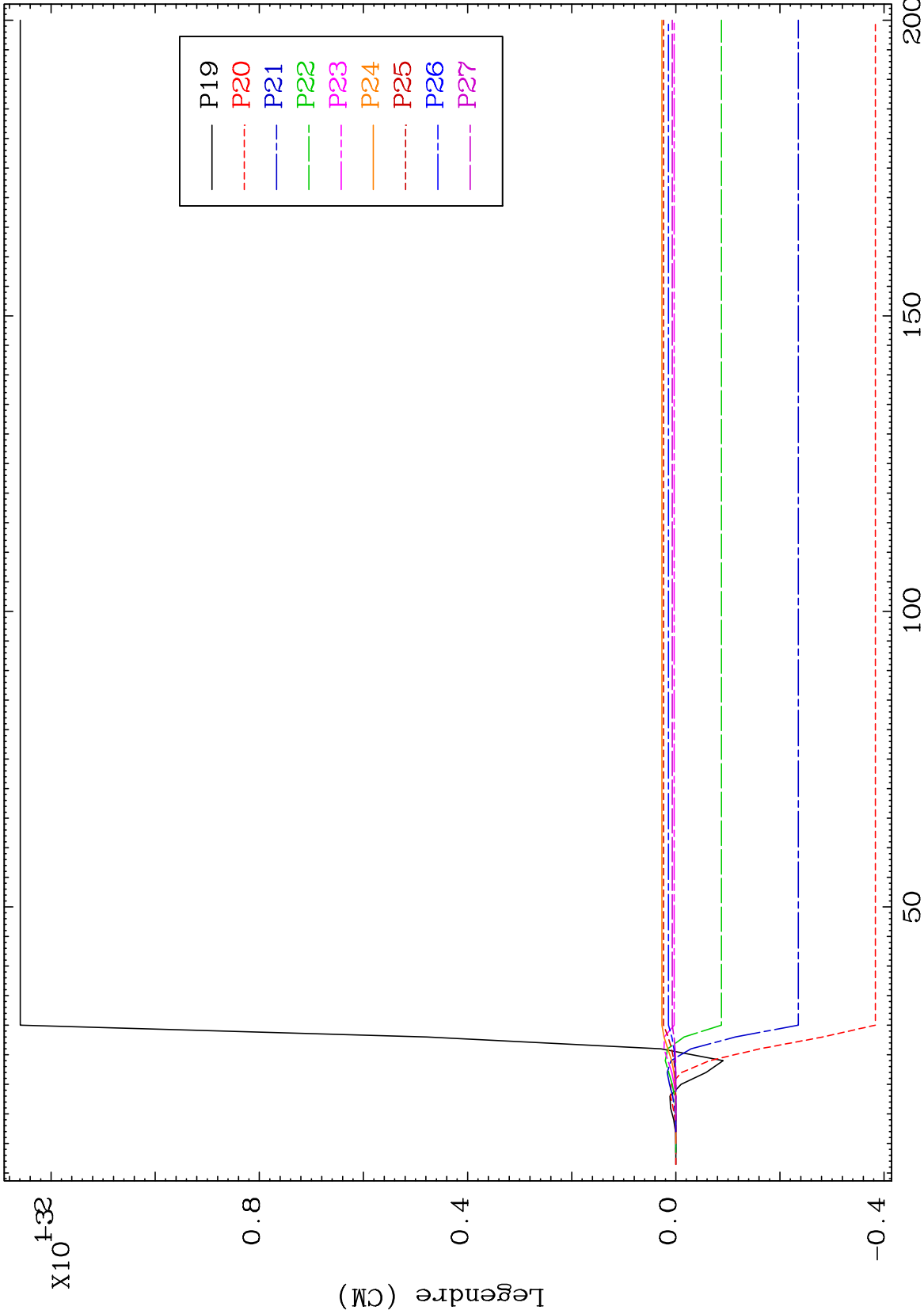
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



30

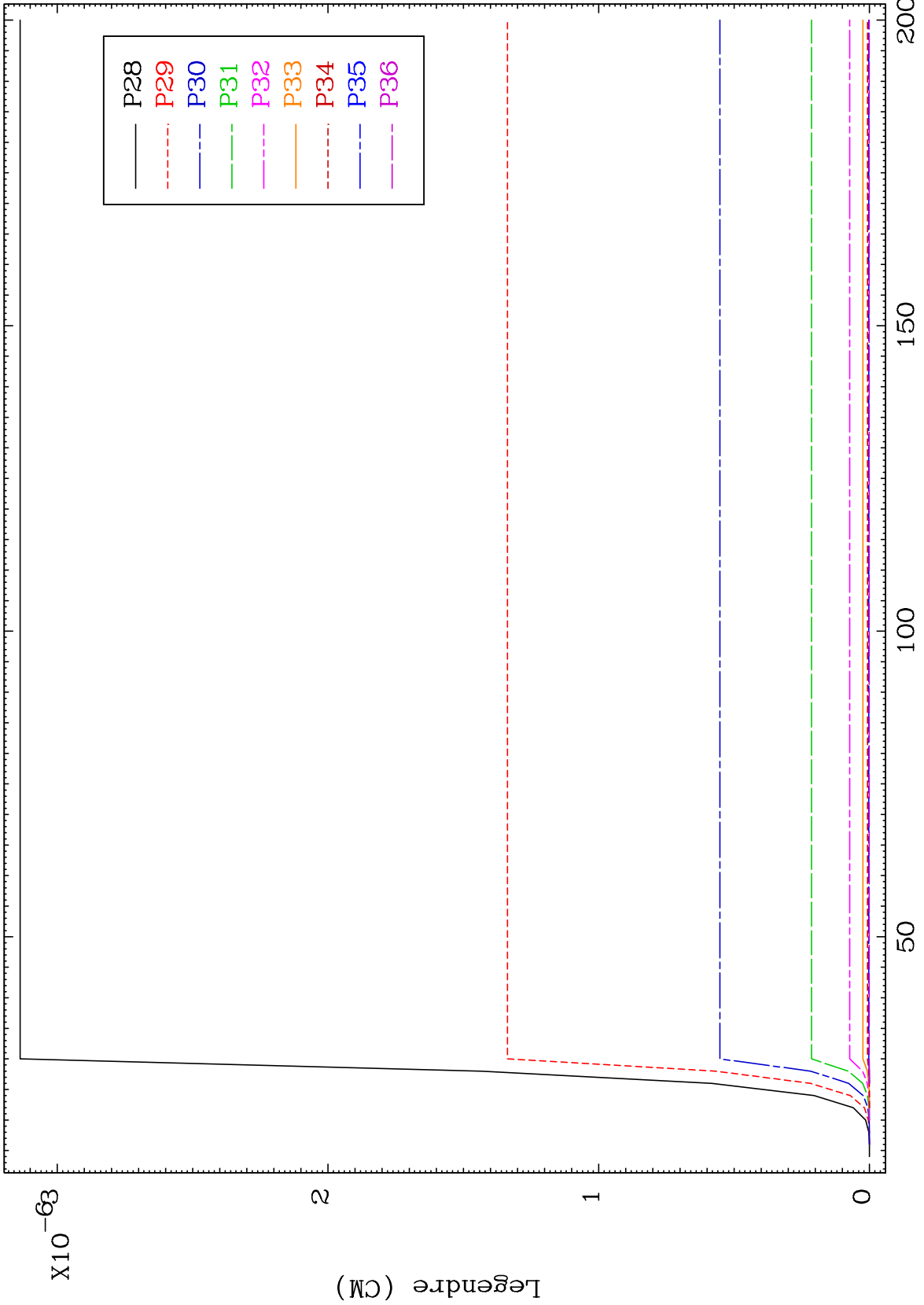
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



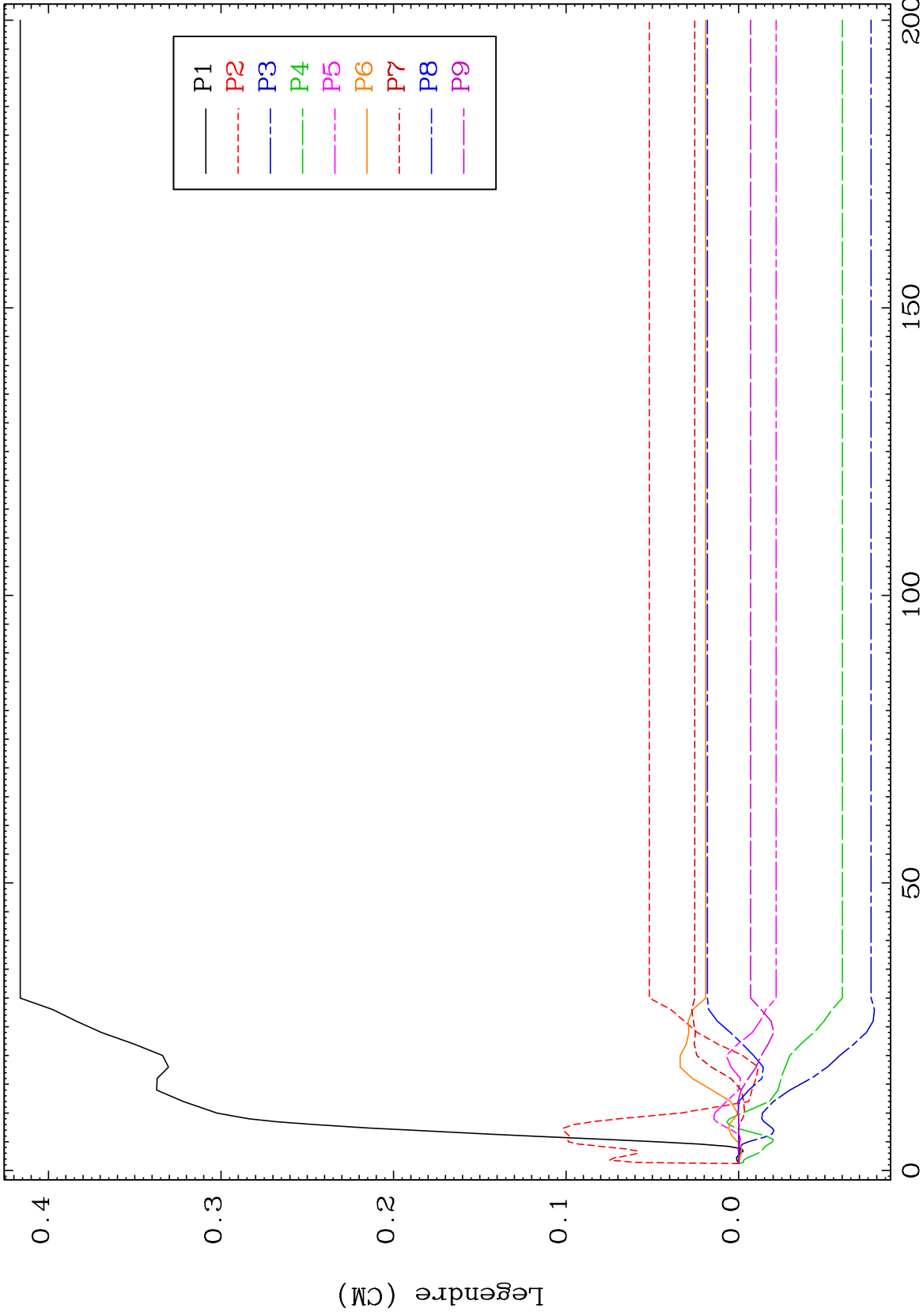
31

72-Hf-184

MAT 7255

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

72-Hf-184



32

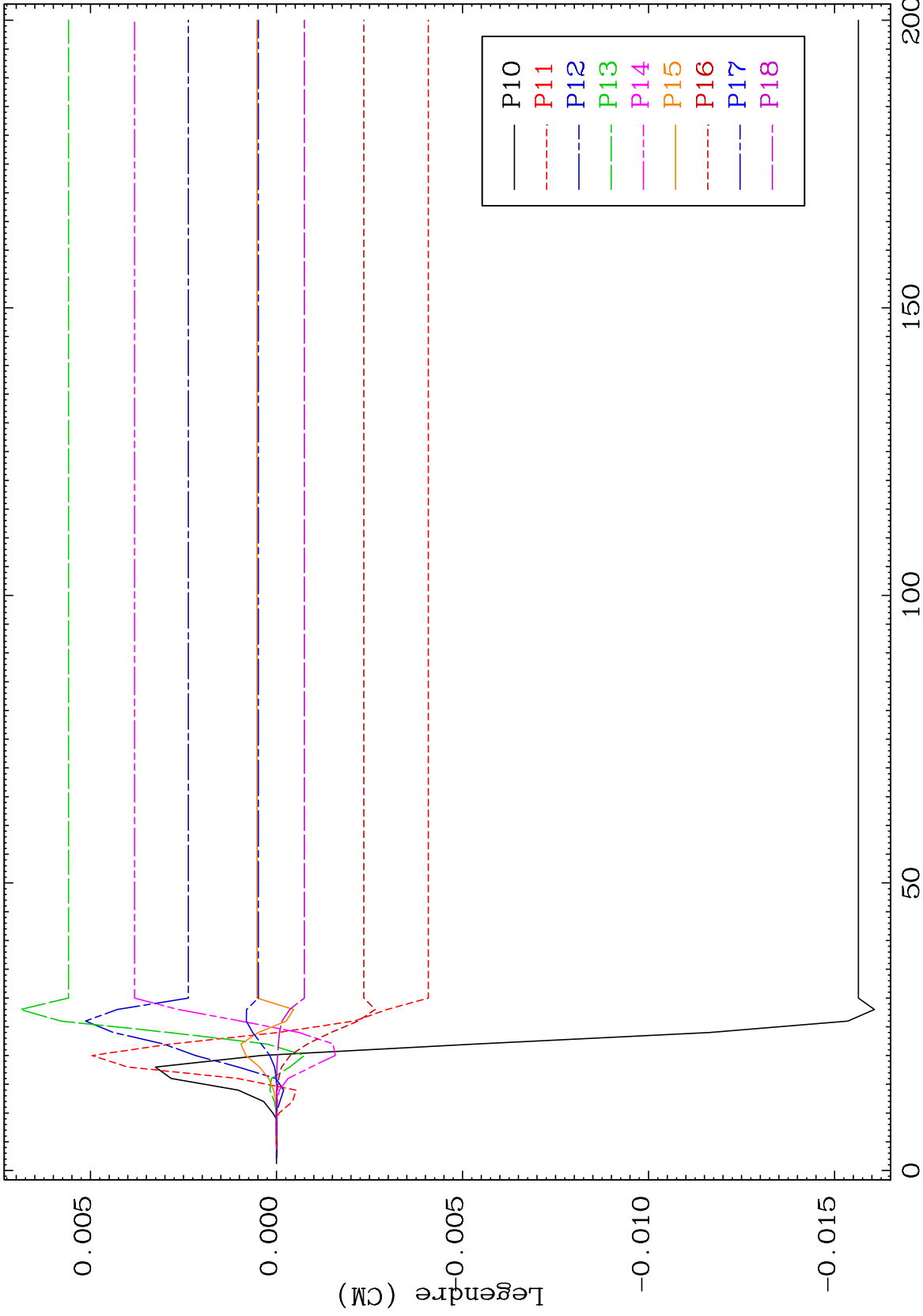
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



33

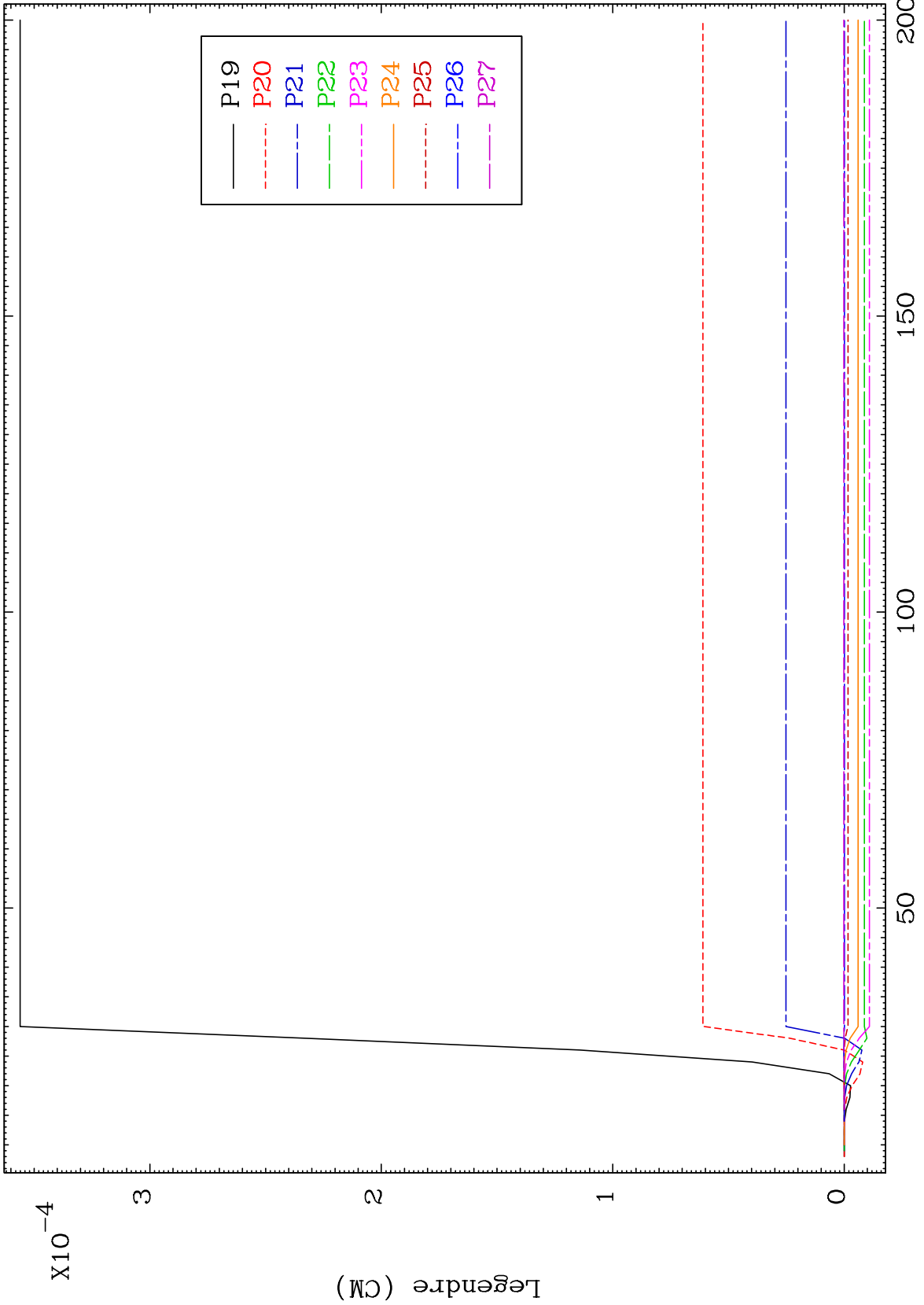
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



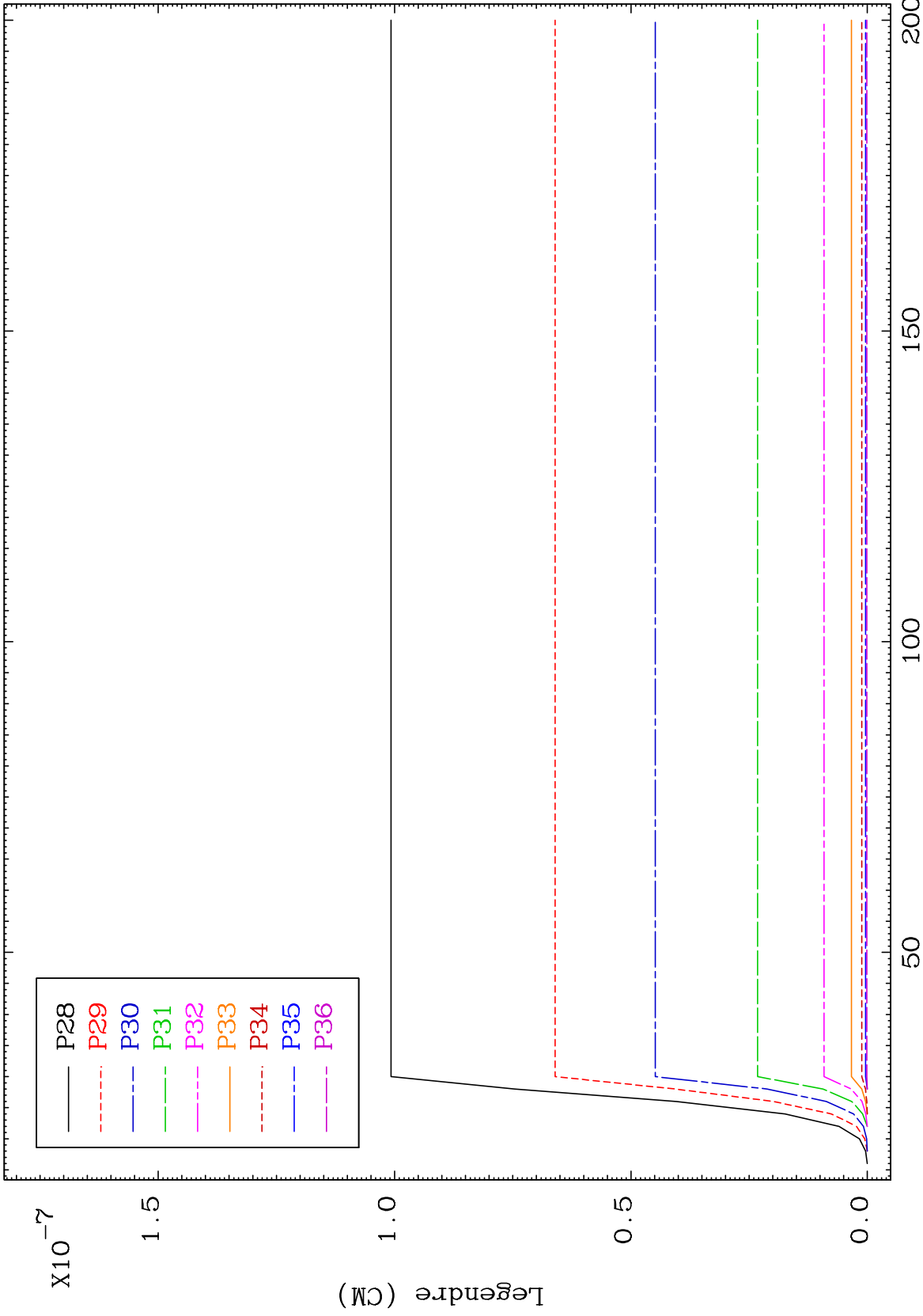
34

72-Hf-184

MAT 7255

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

72-Hf-184



35

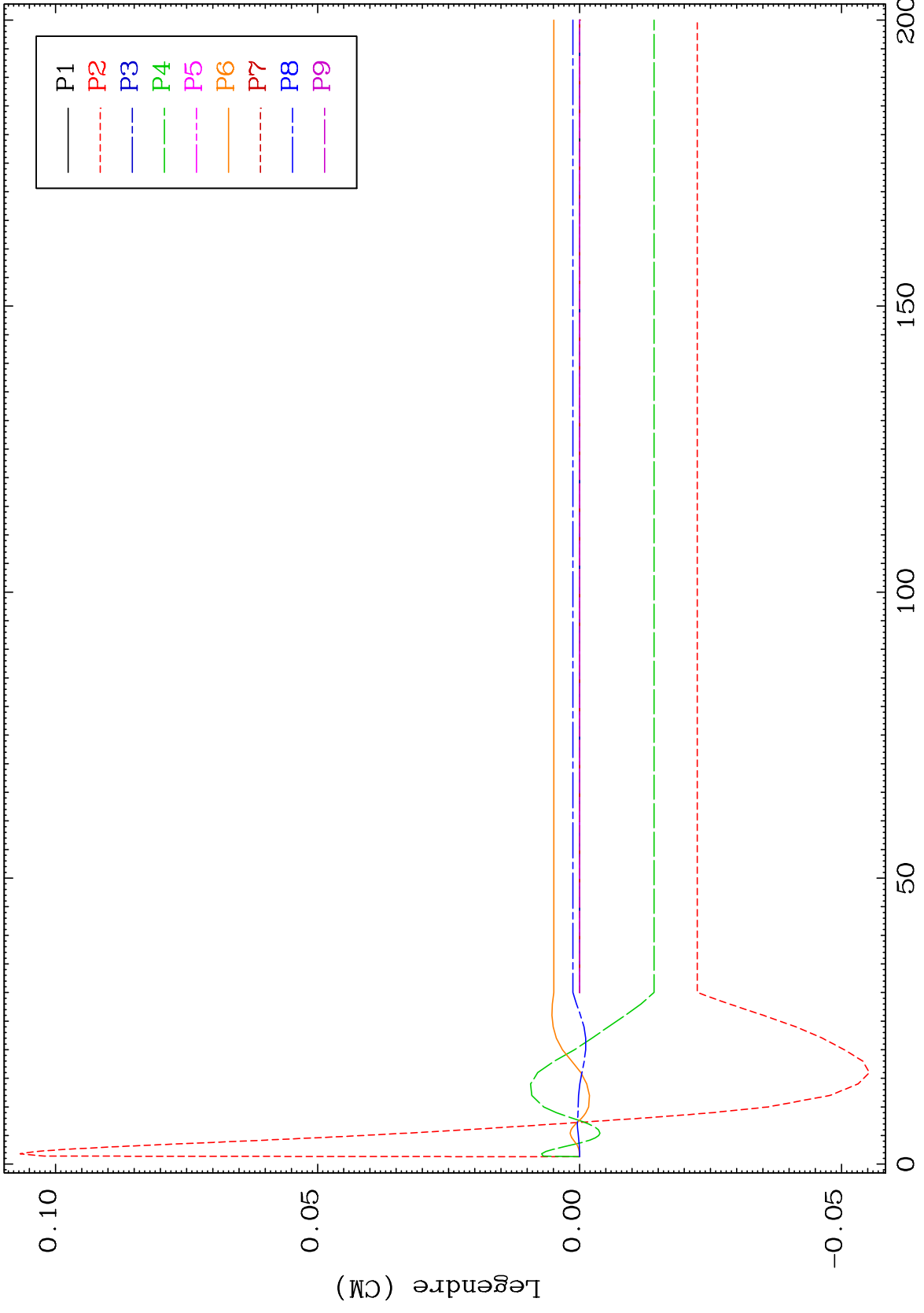
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



36

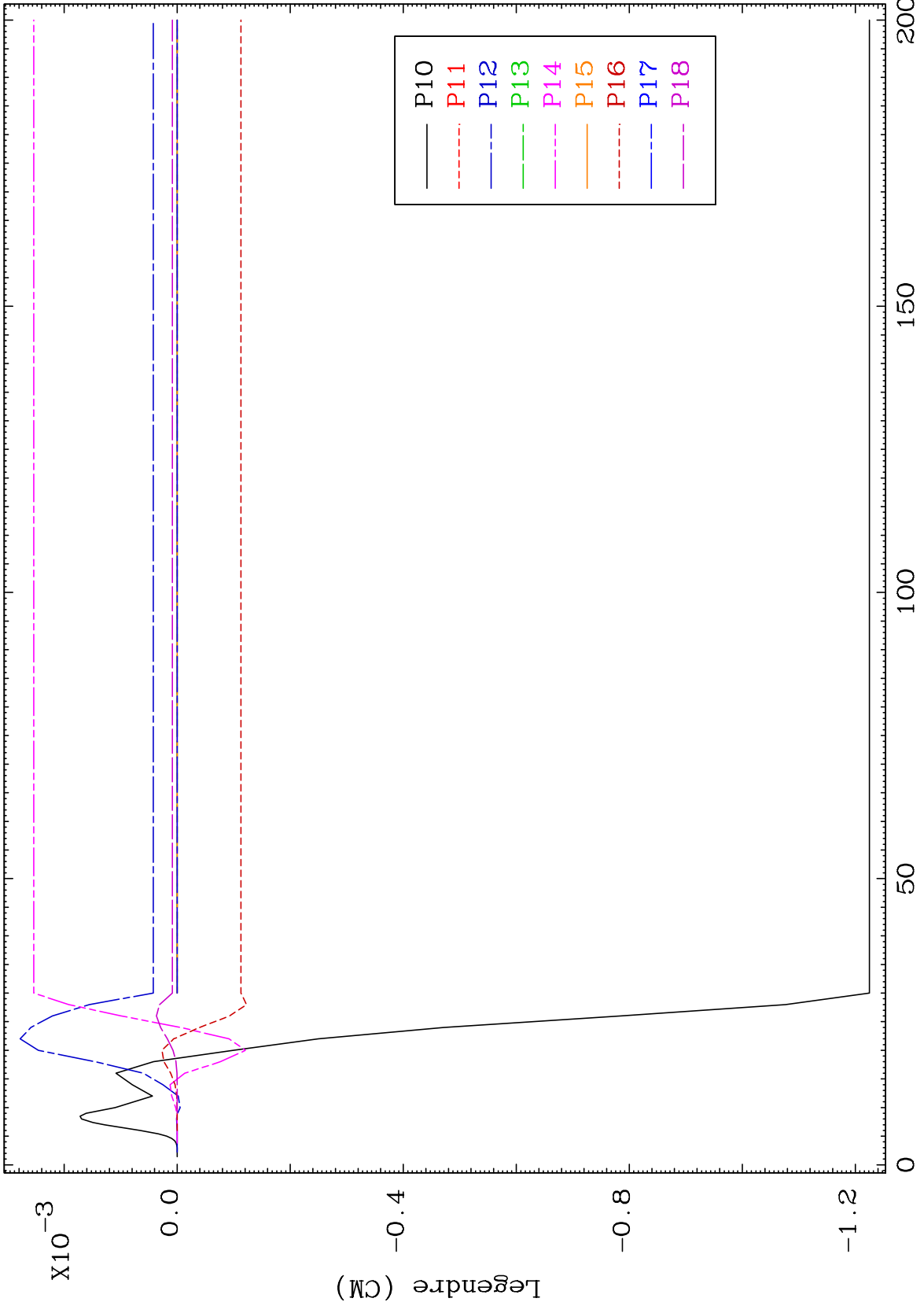
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



37

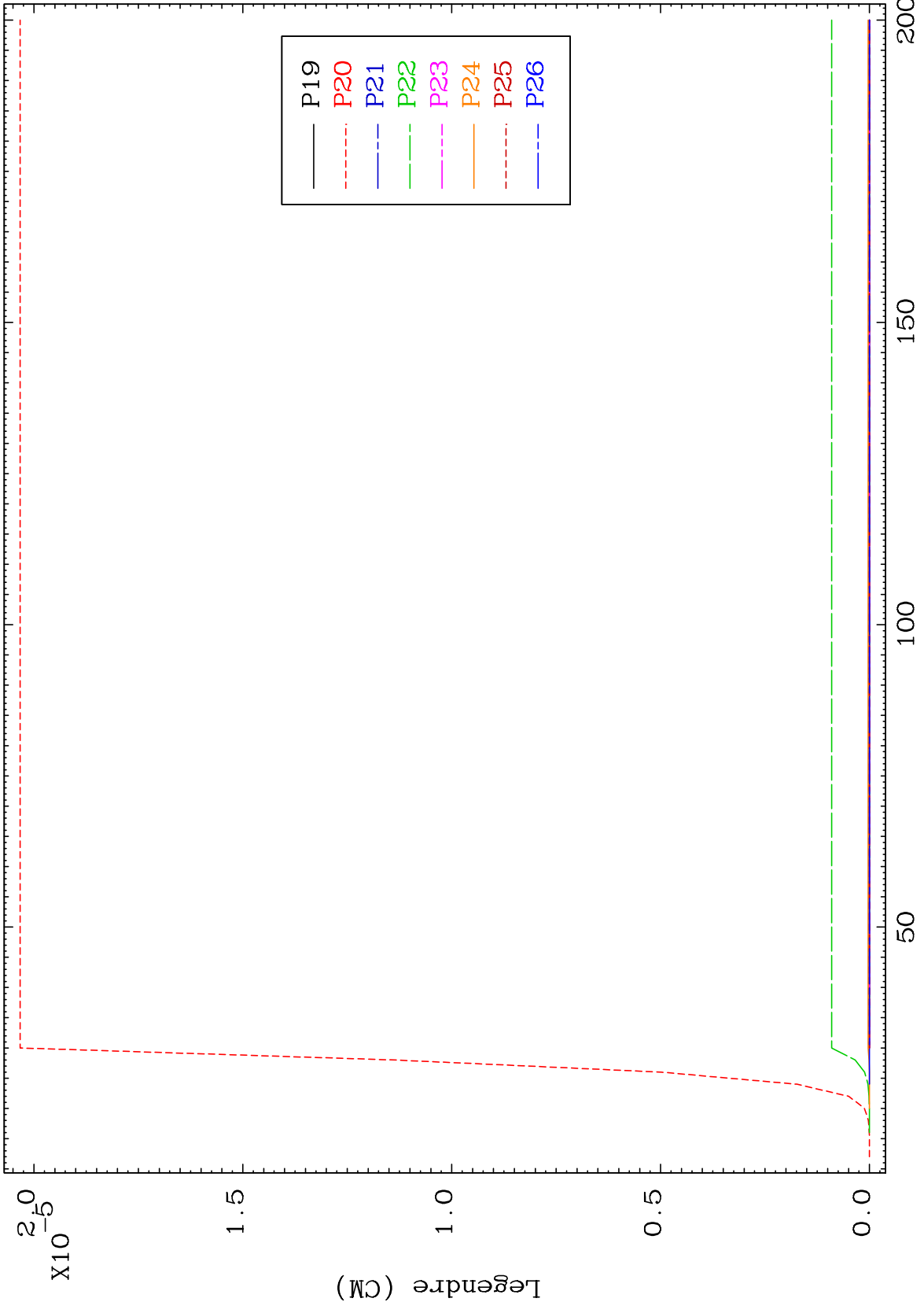
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

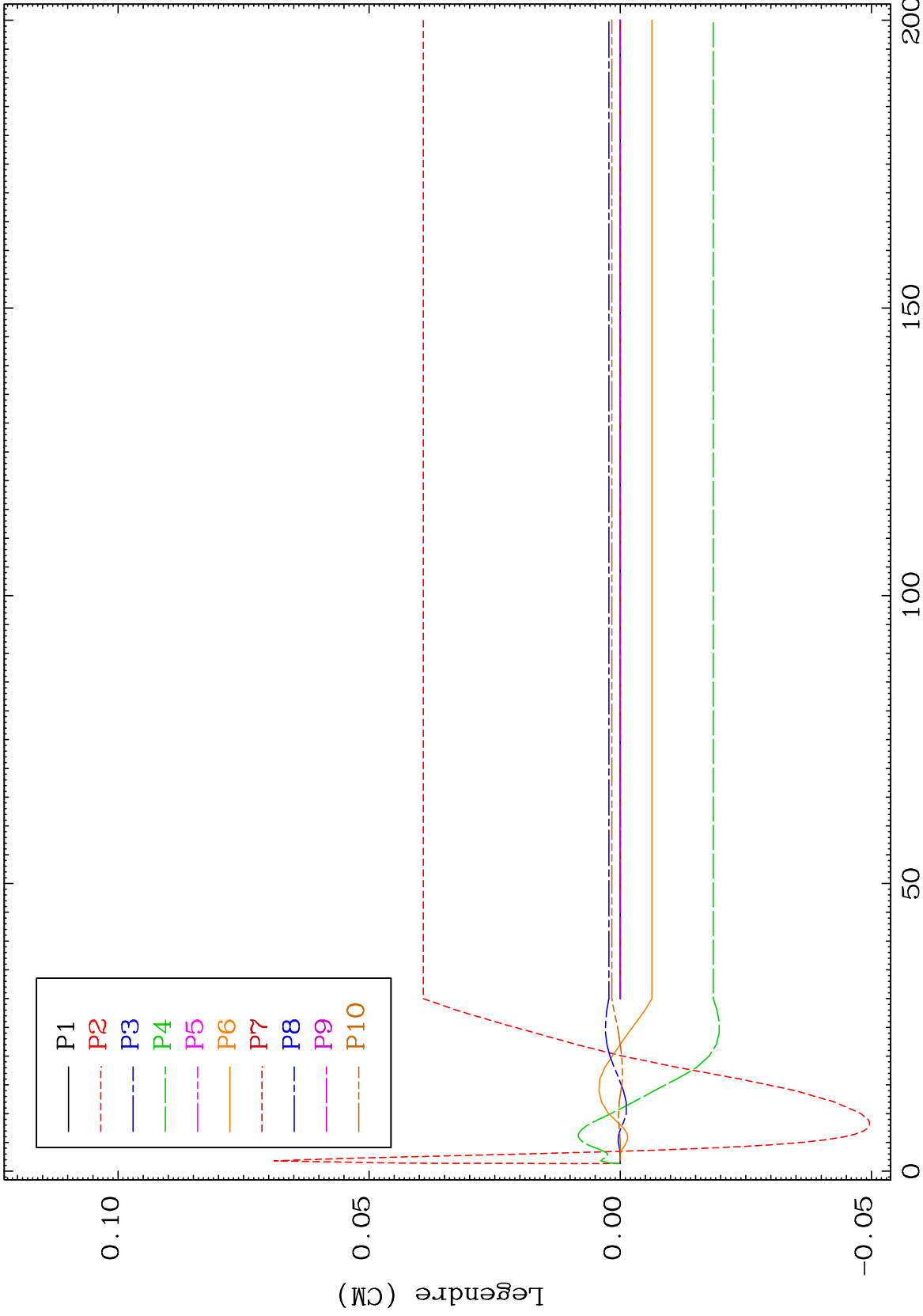
72-Hf-184



38

Incident Energy (MeV)

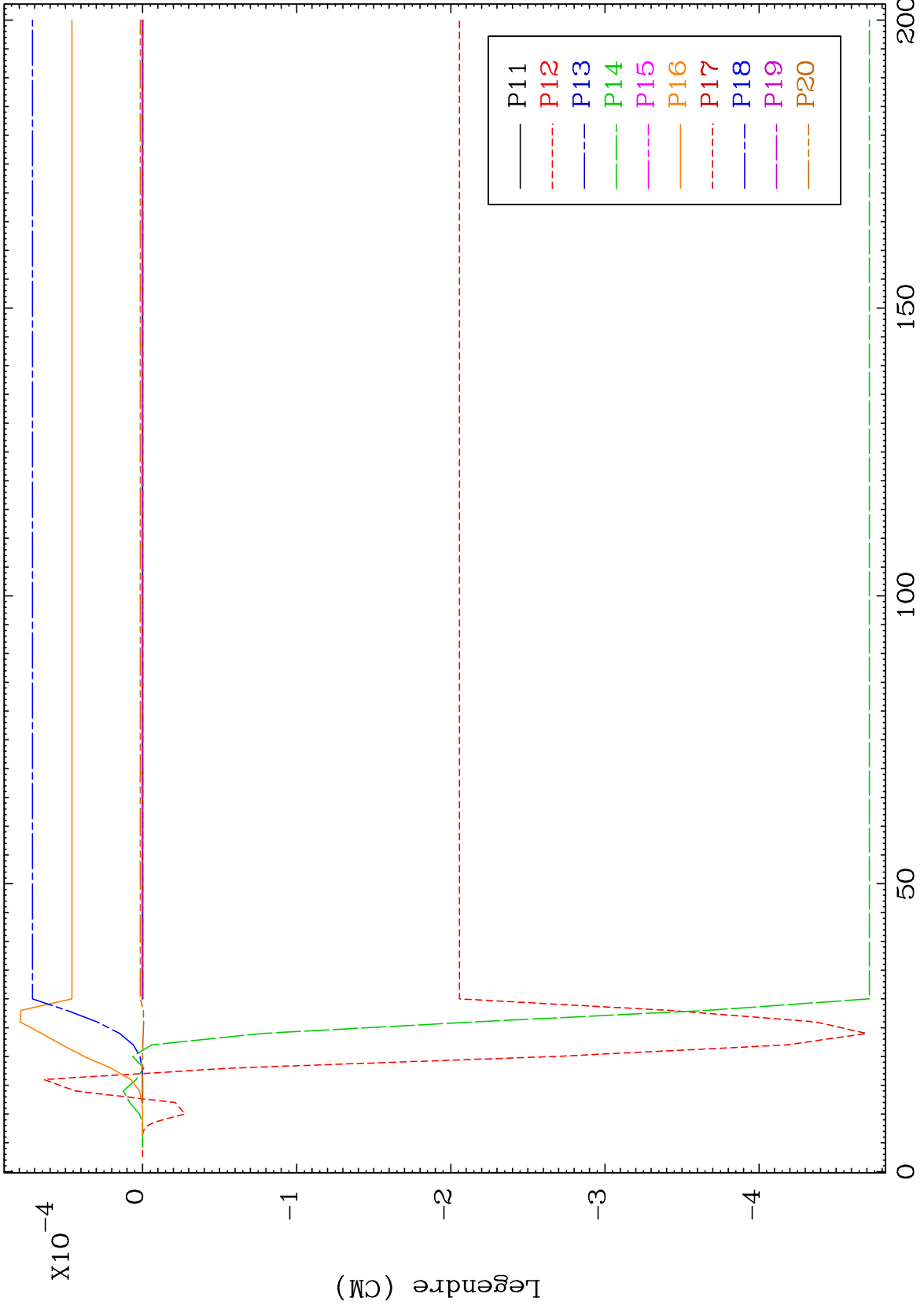
72-Hf-184



MAT 7255

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

72-Hf-184



40

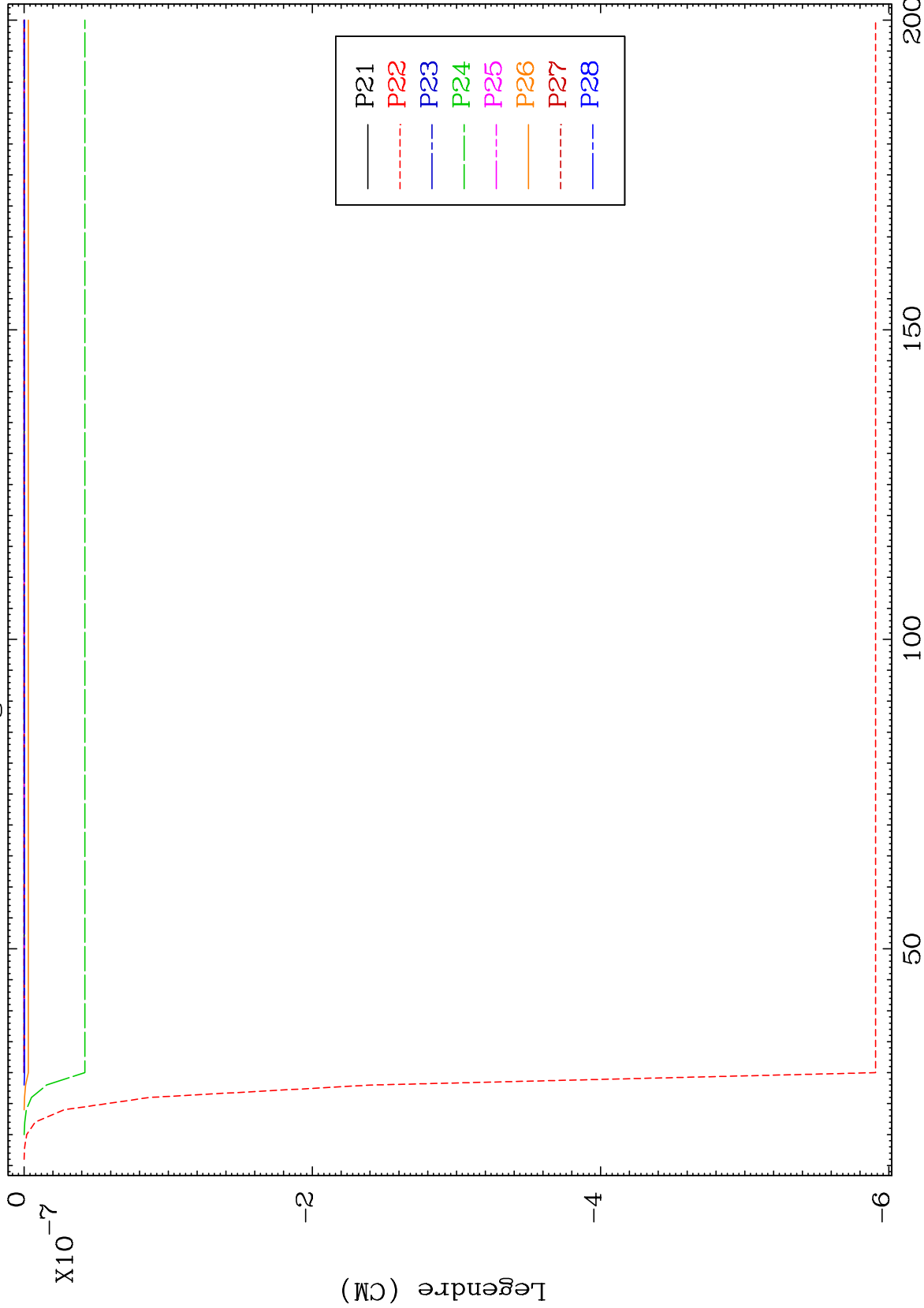
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



41

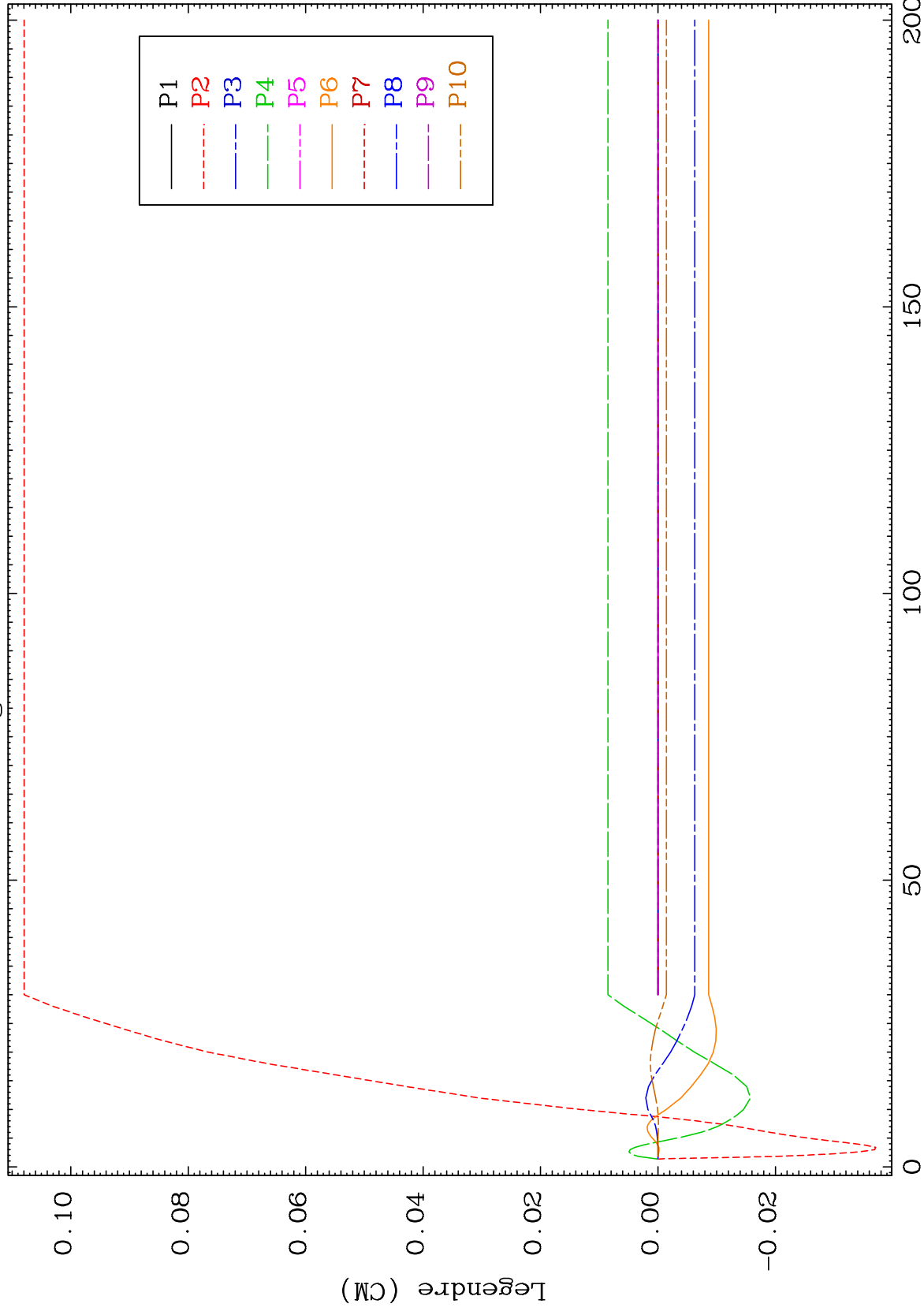
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



42

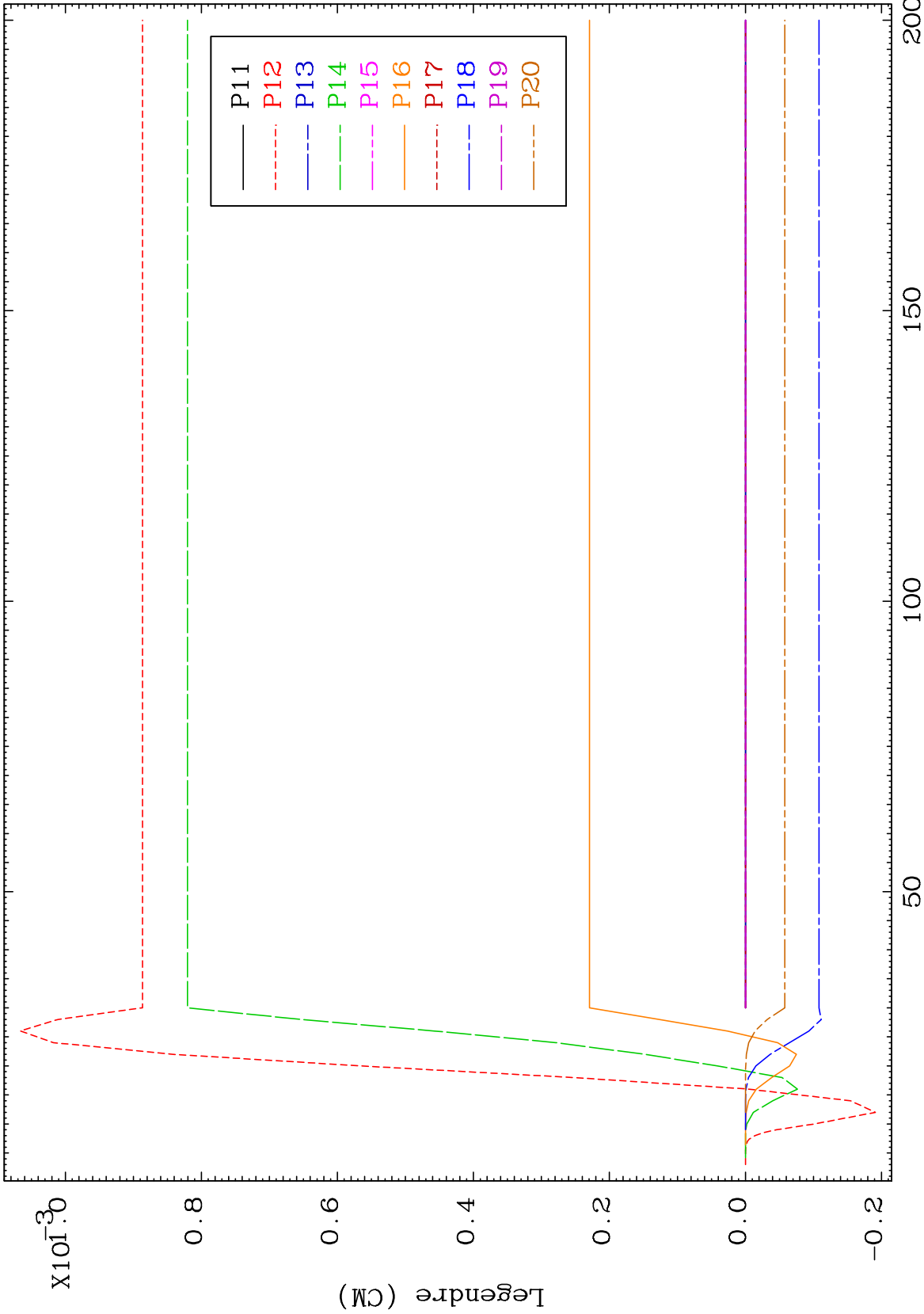
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



43

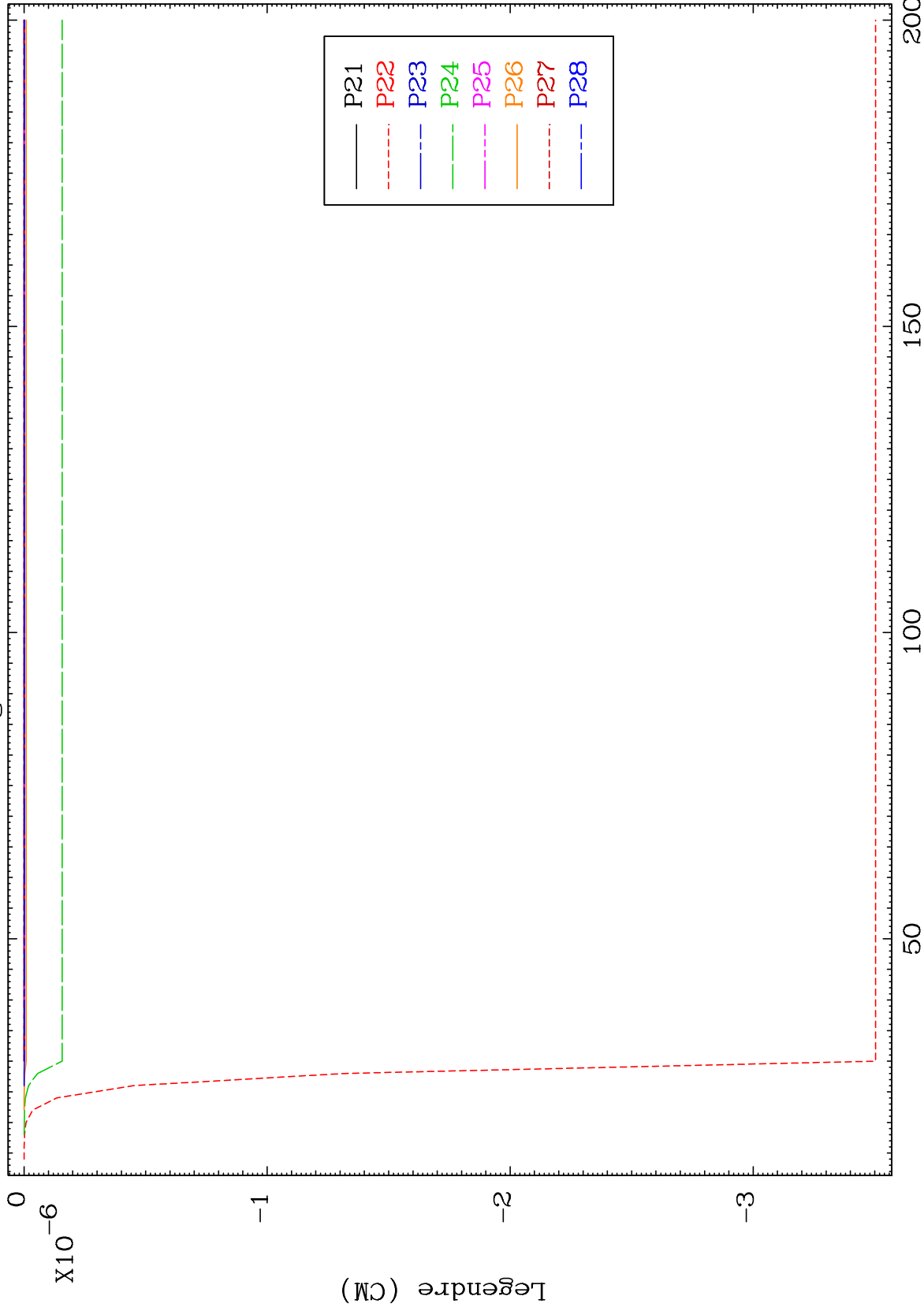
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



44

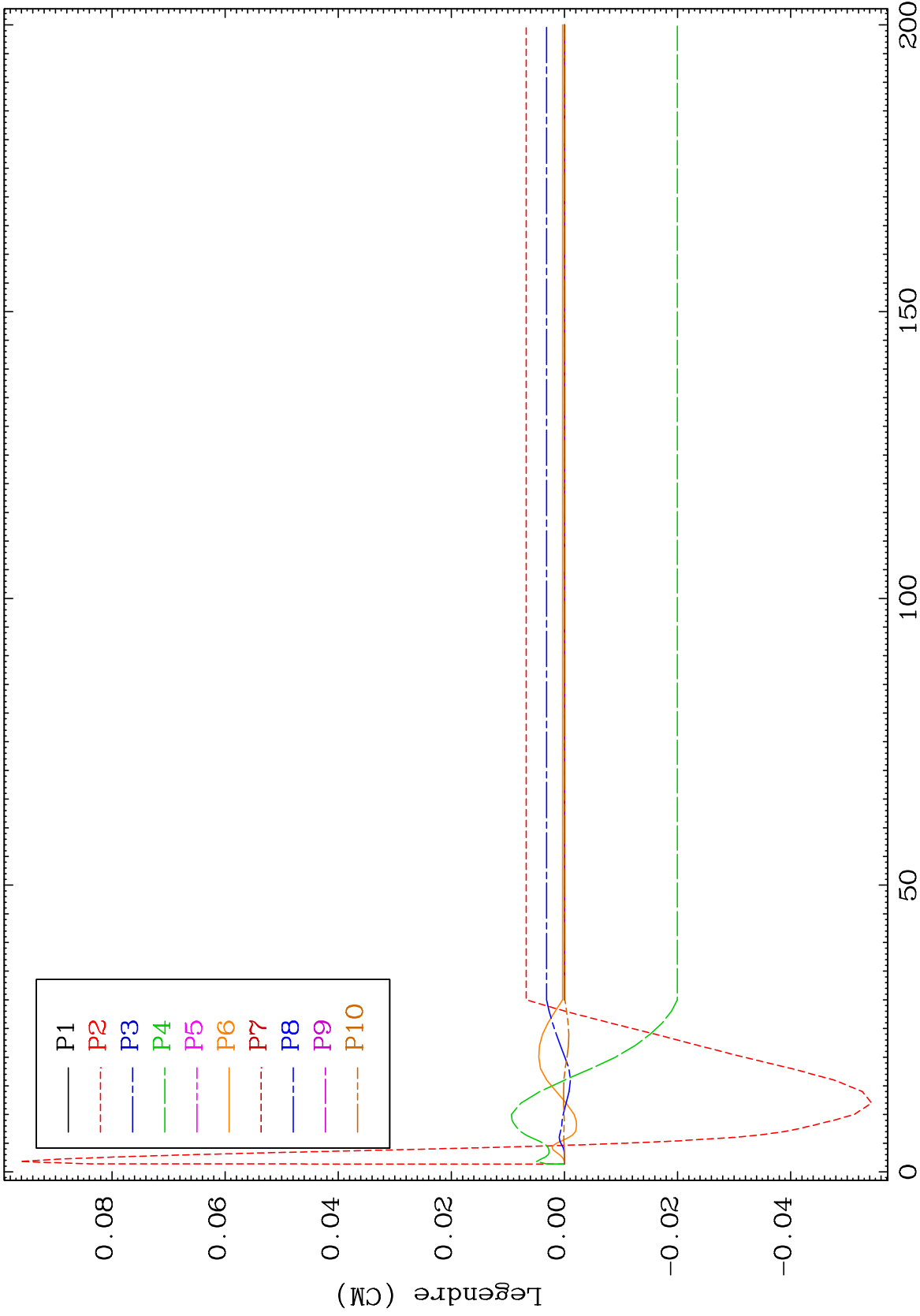
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



45

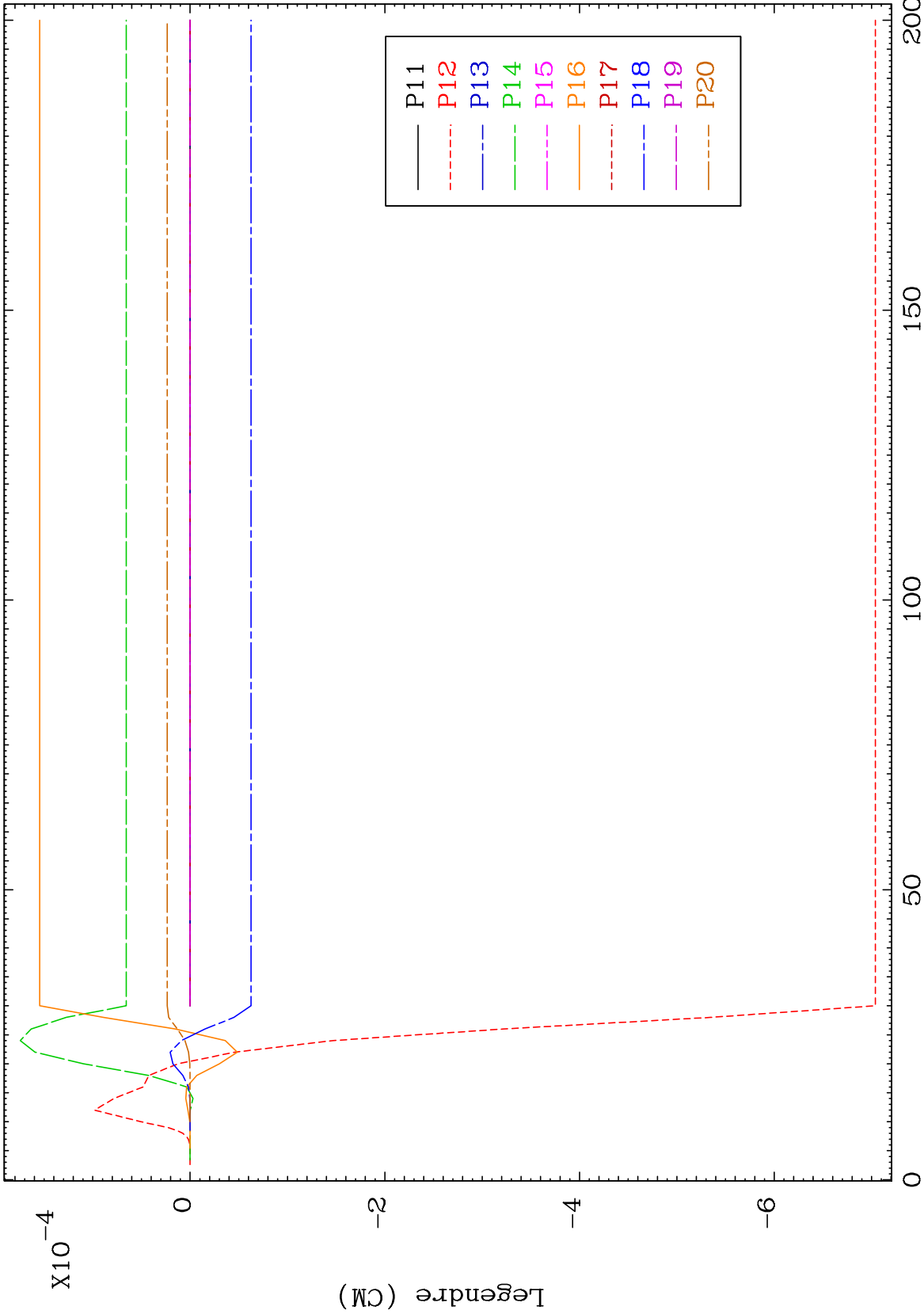
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



46

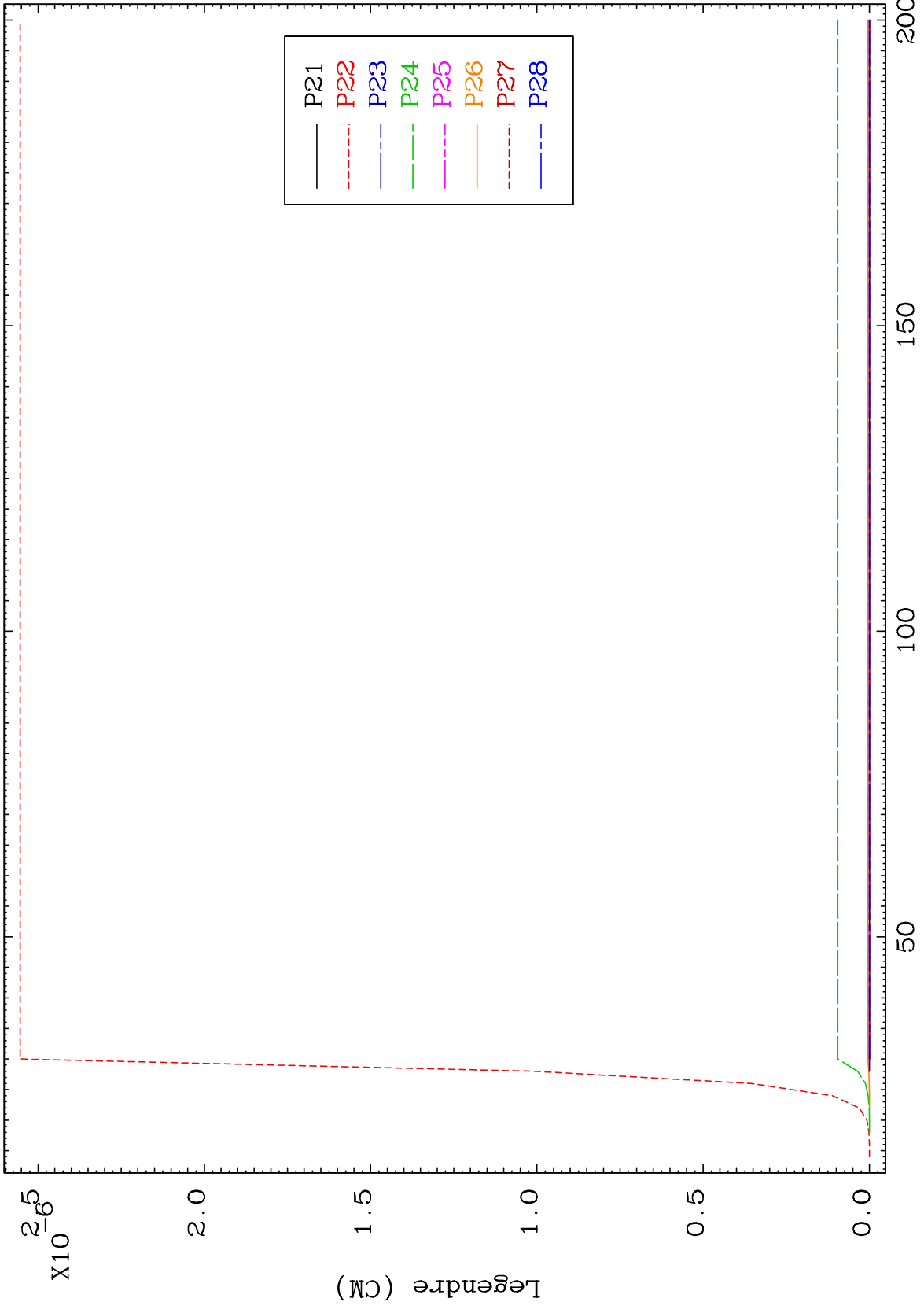
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



47

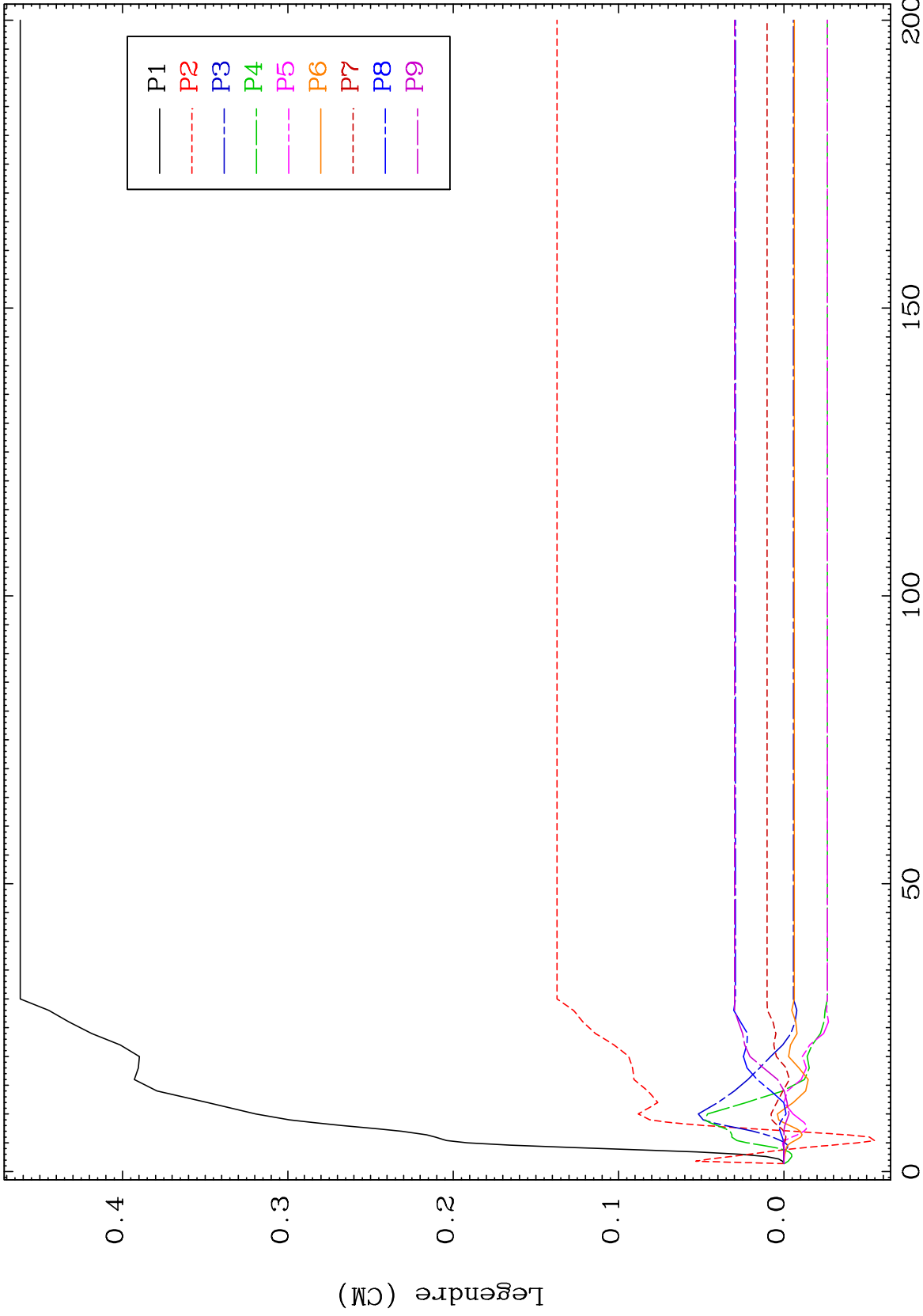
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



48

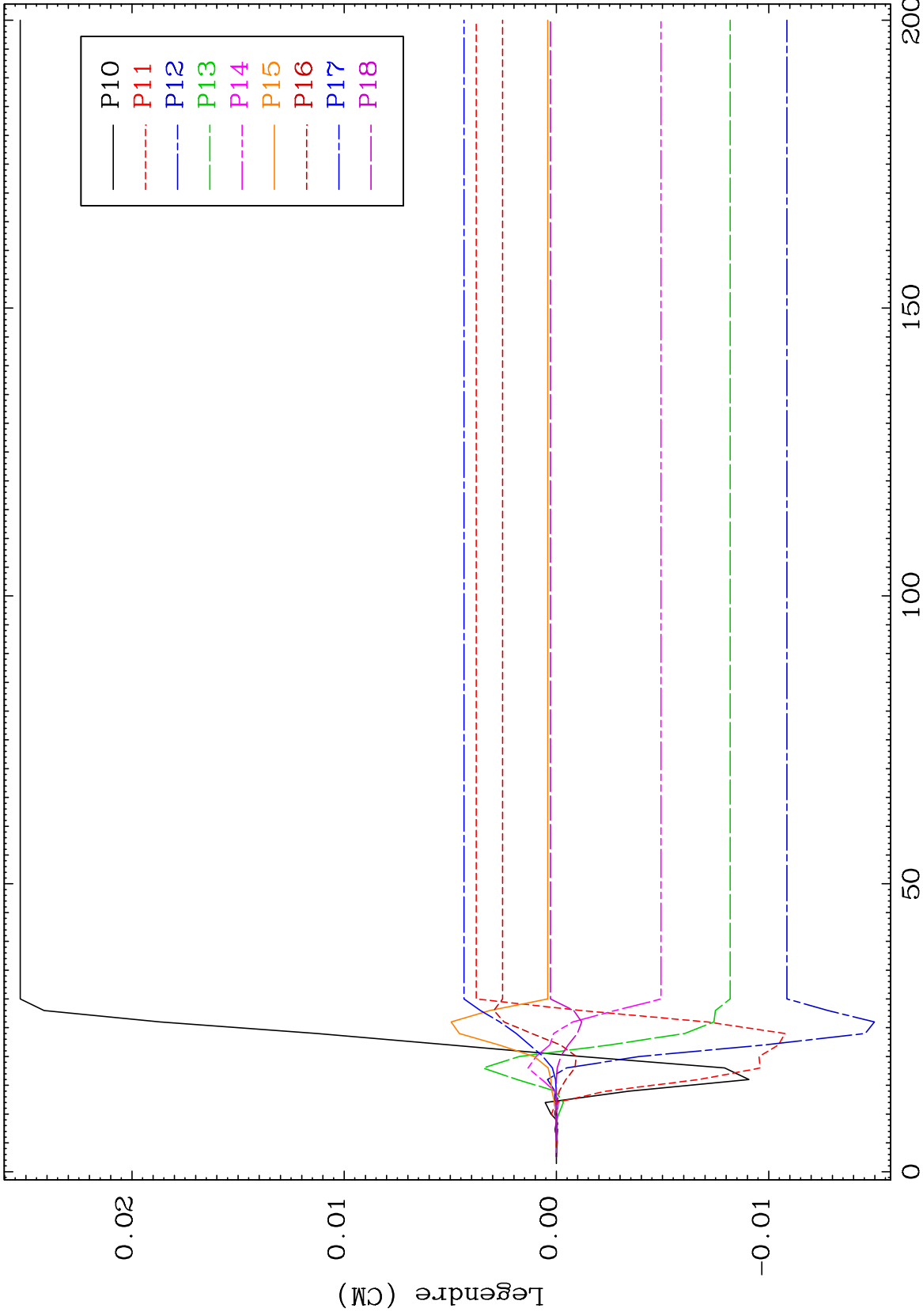
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



49

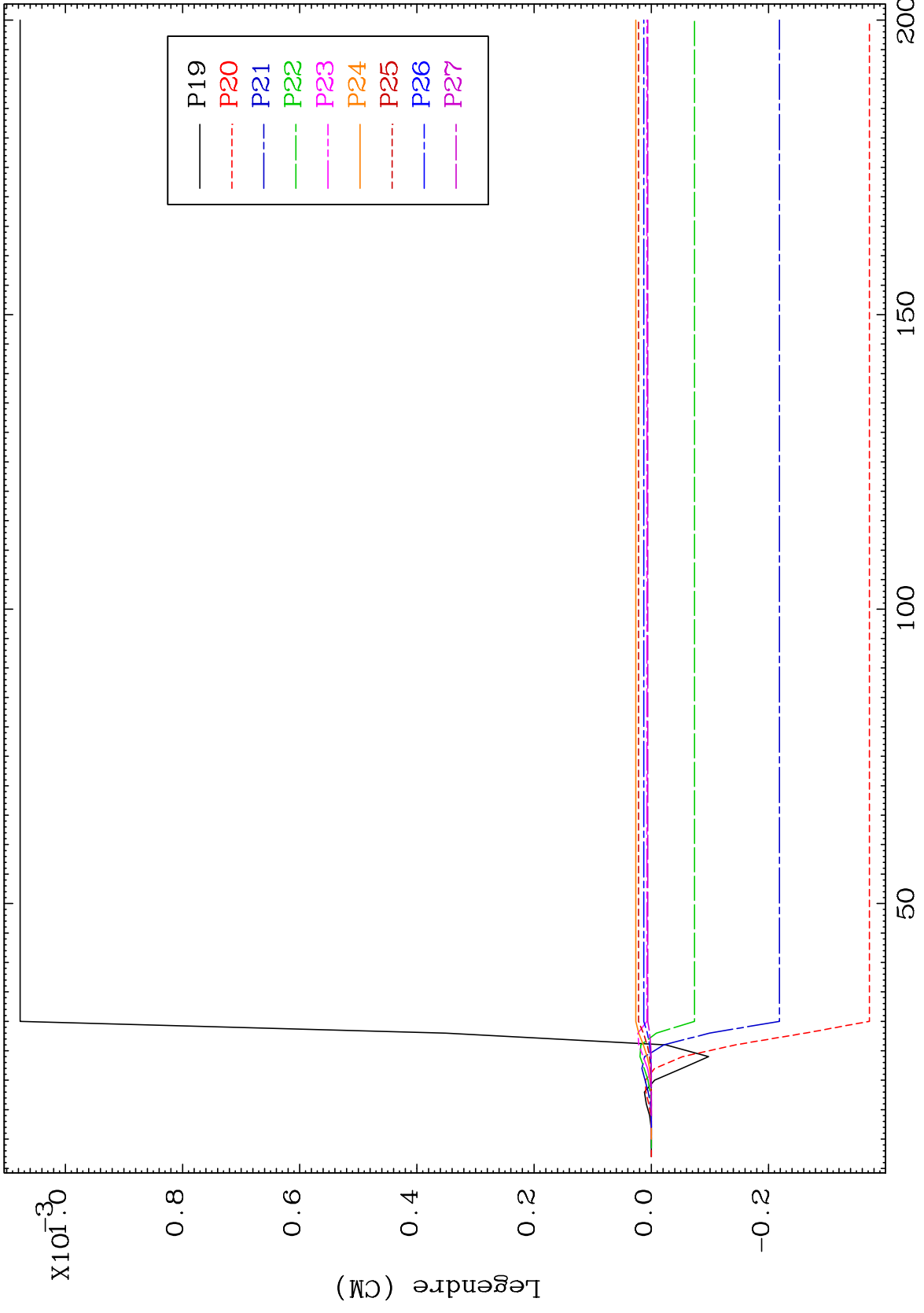
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



50

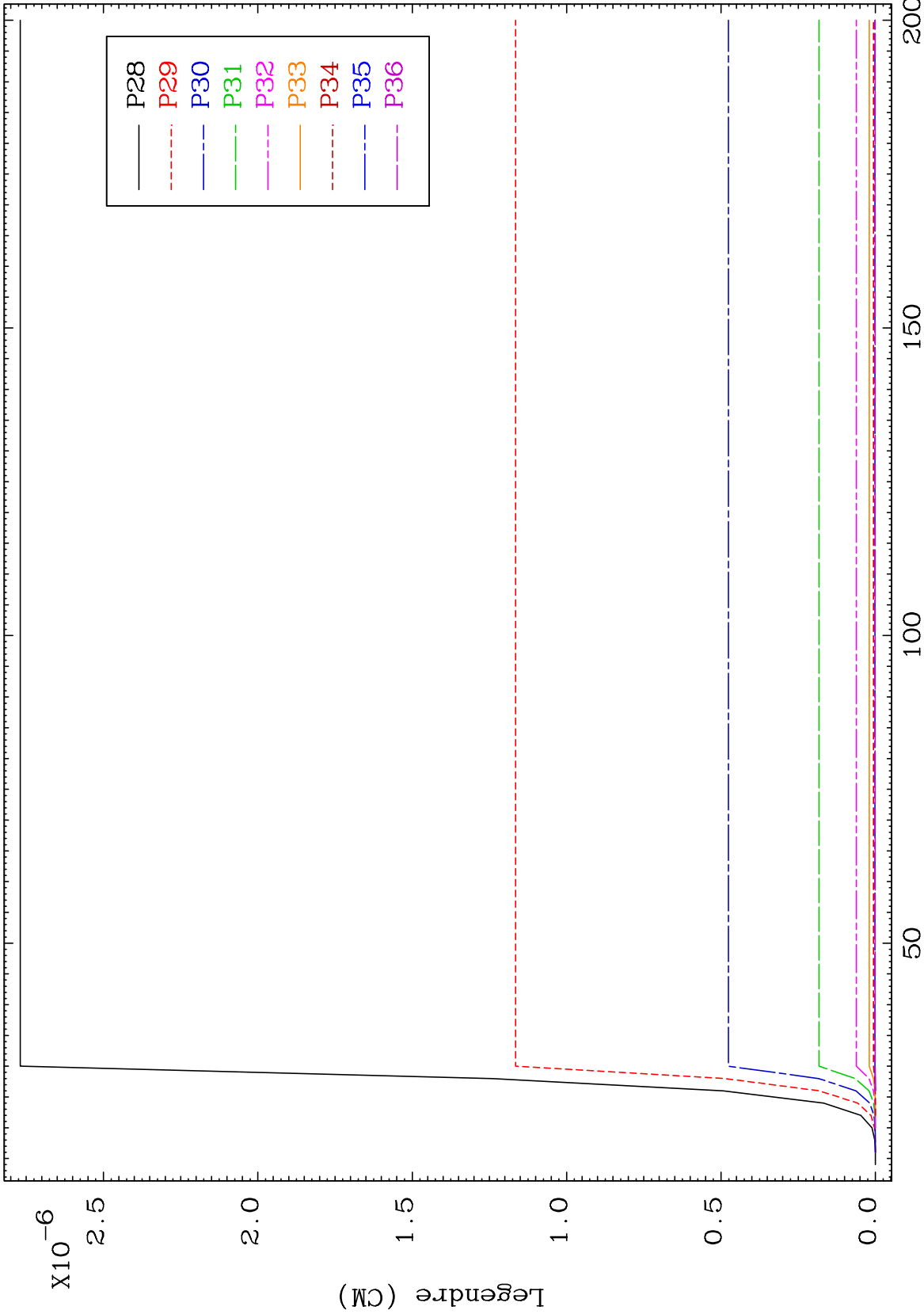
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



51

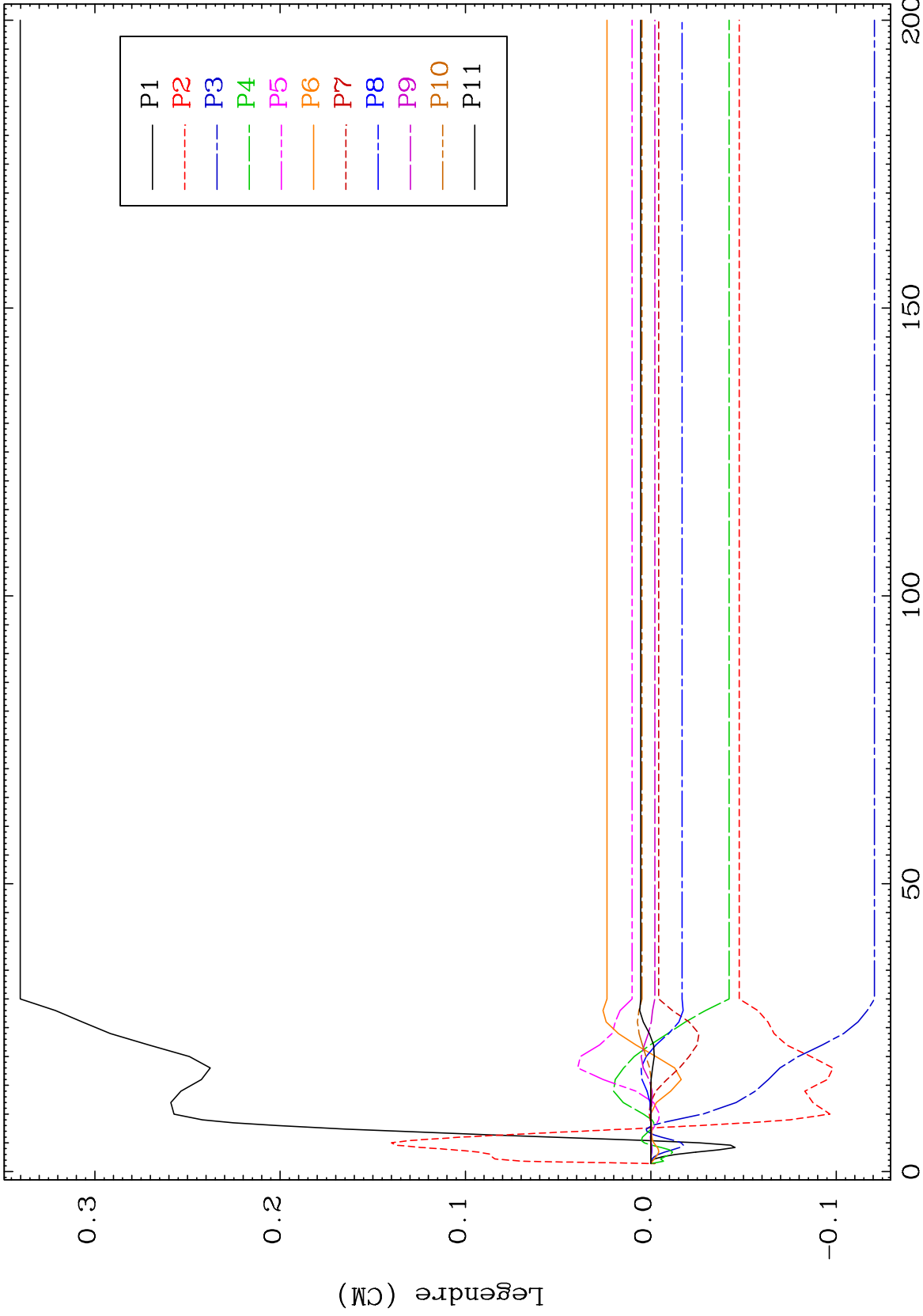
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



52

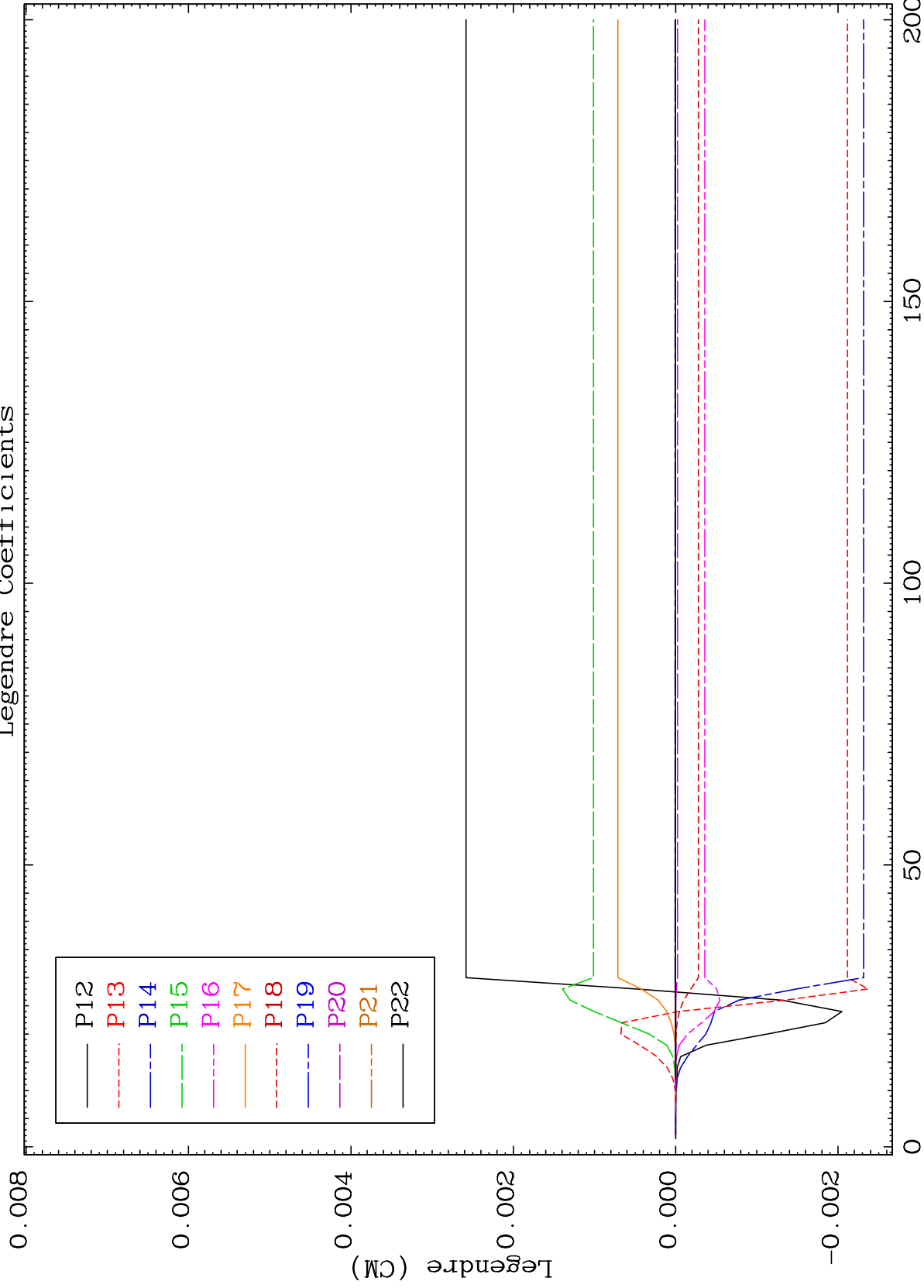
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

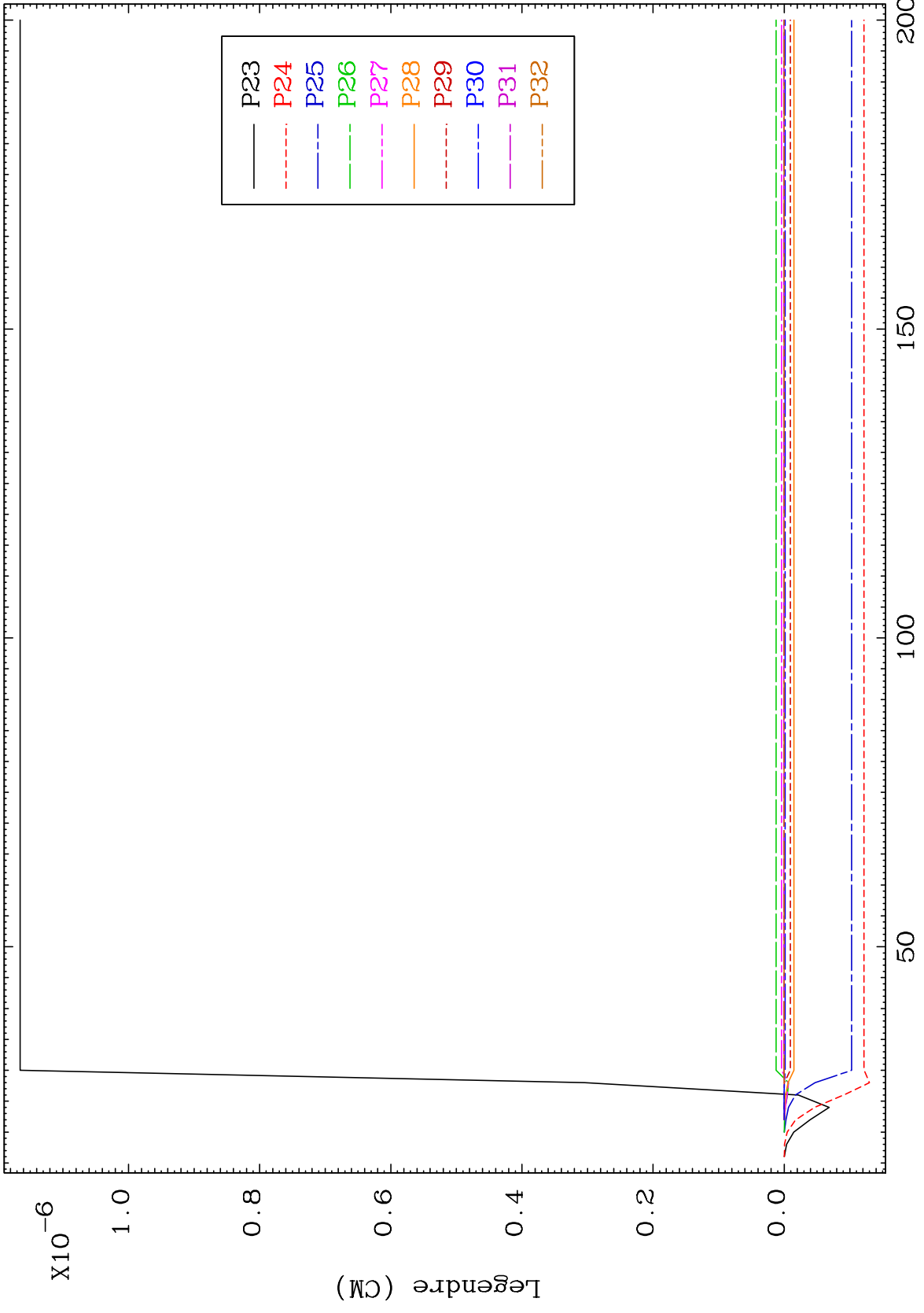
72-Hf-184



53

Incident Energy (MeV)

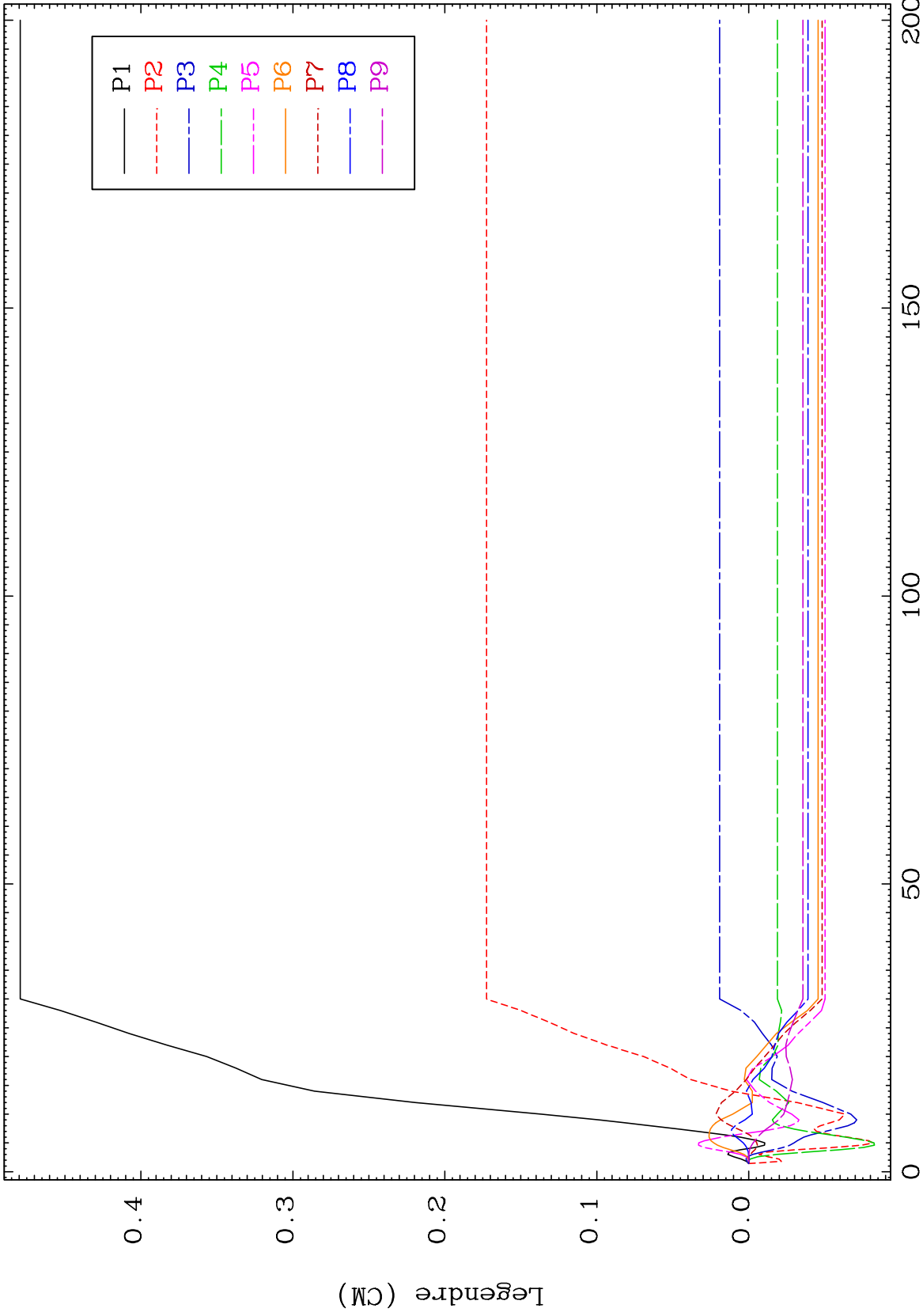
72-Hf-184



MAT 7255

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

72-Hf-184



55

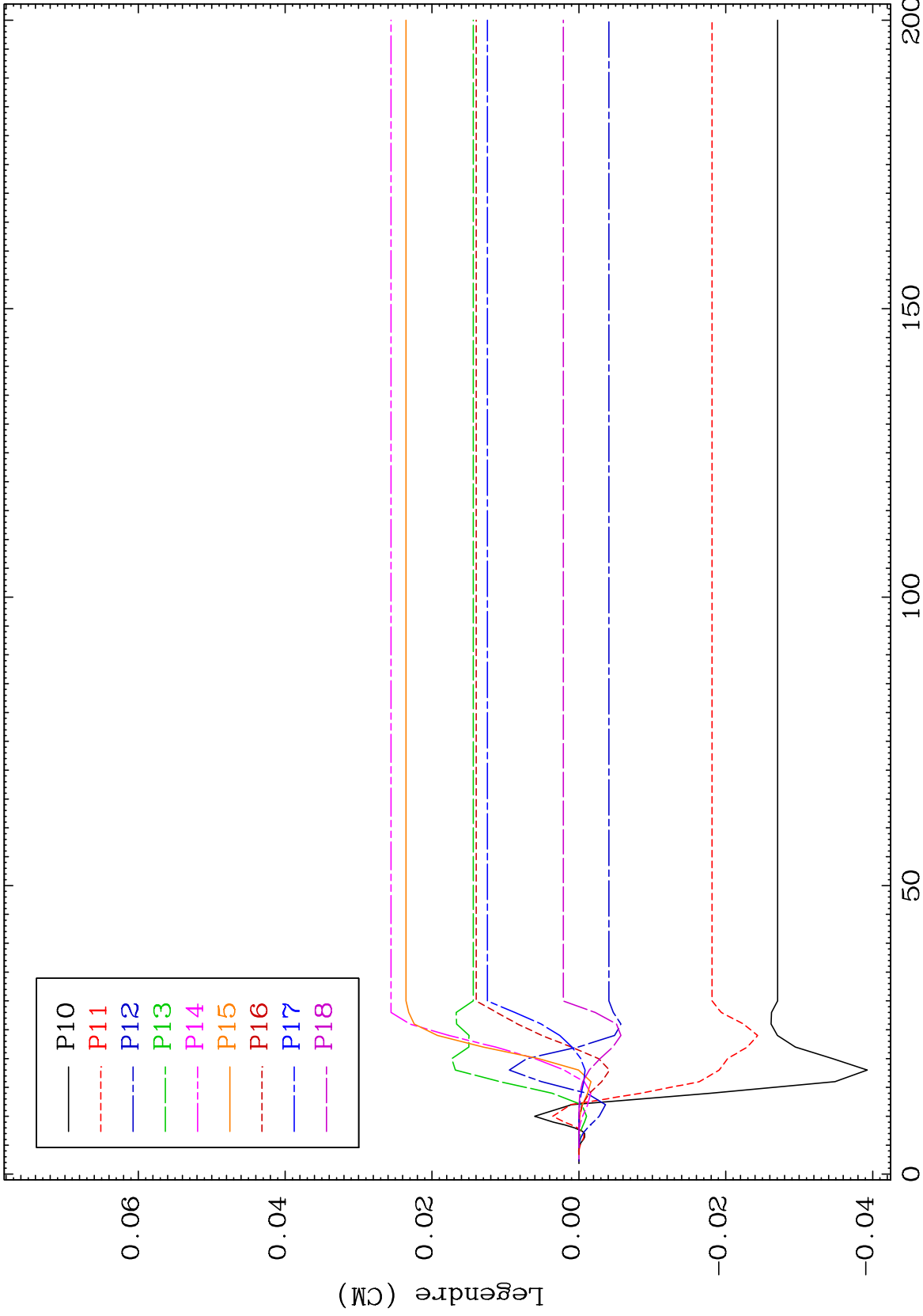
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



56

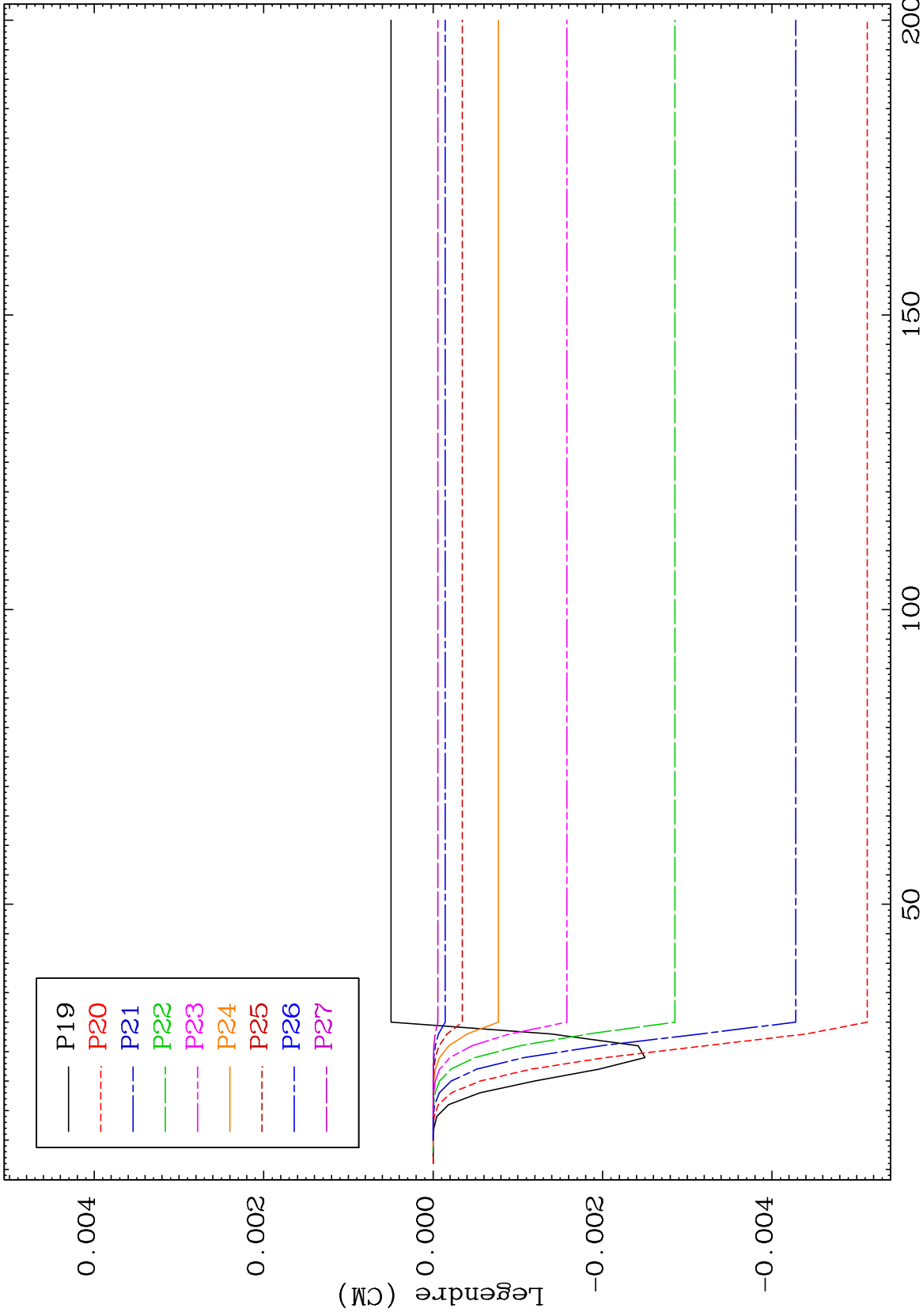
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



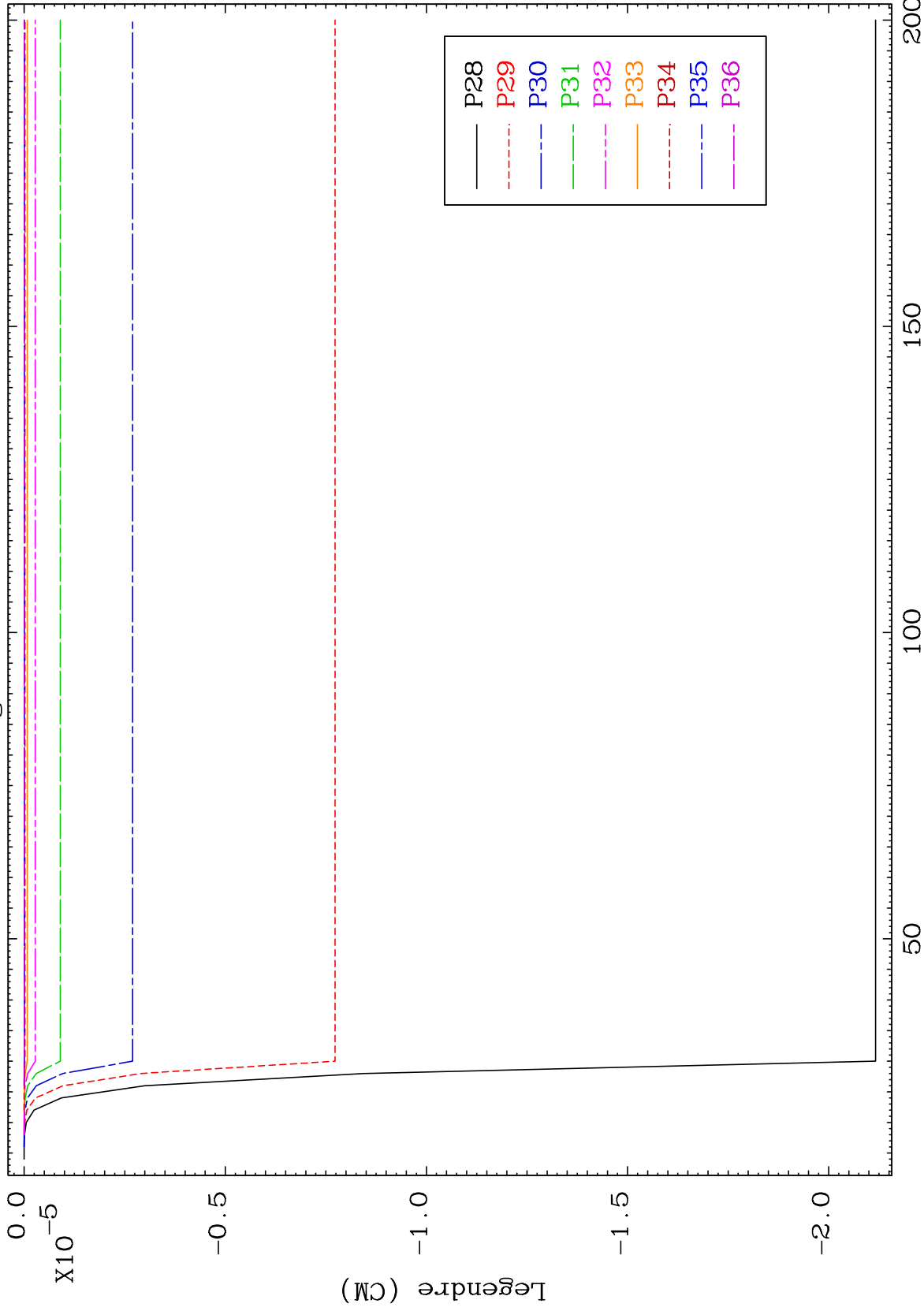
57

Incident Energy (MeV)

72-Hf-184

MAT 7255 MT= 61 (n, n') Level 72-Hf-184

Legendre Coefficients



58

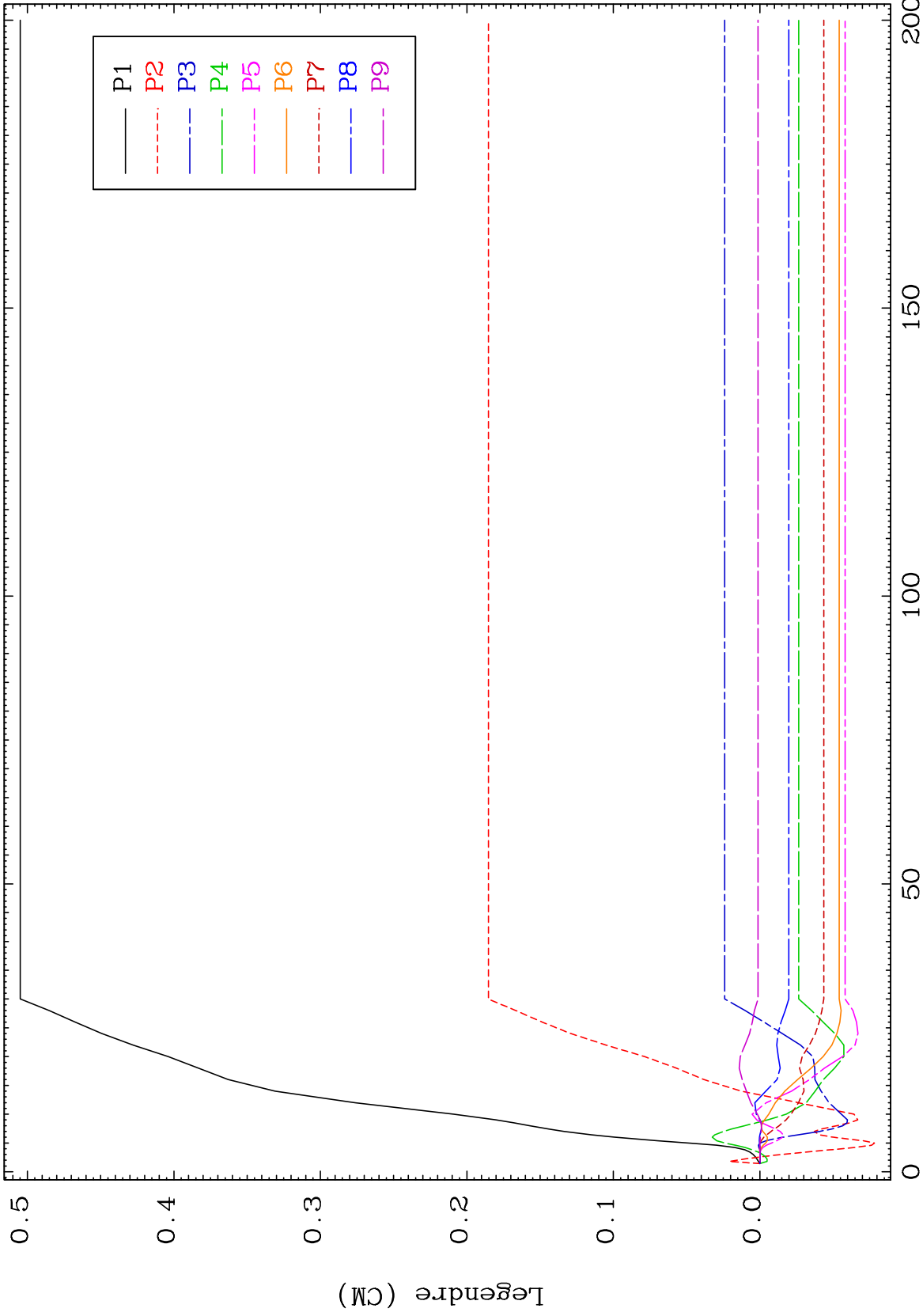
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



59

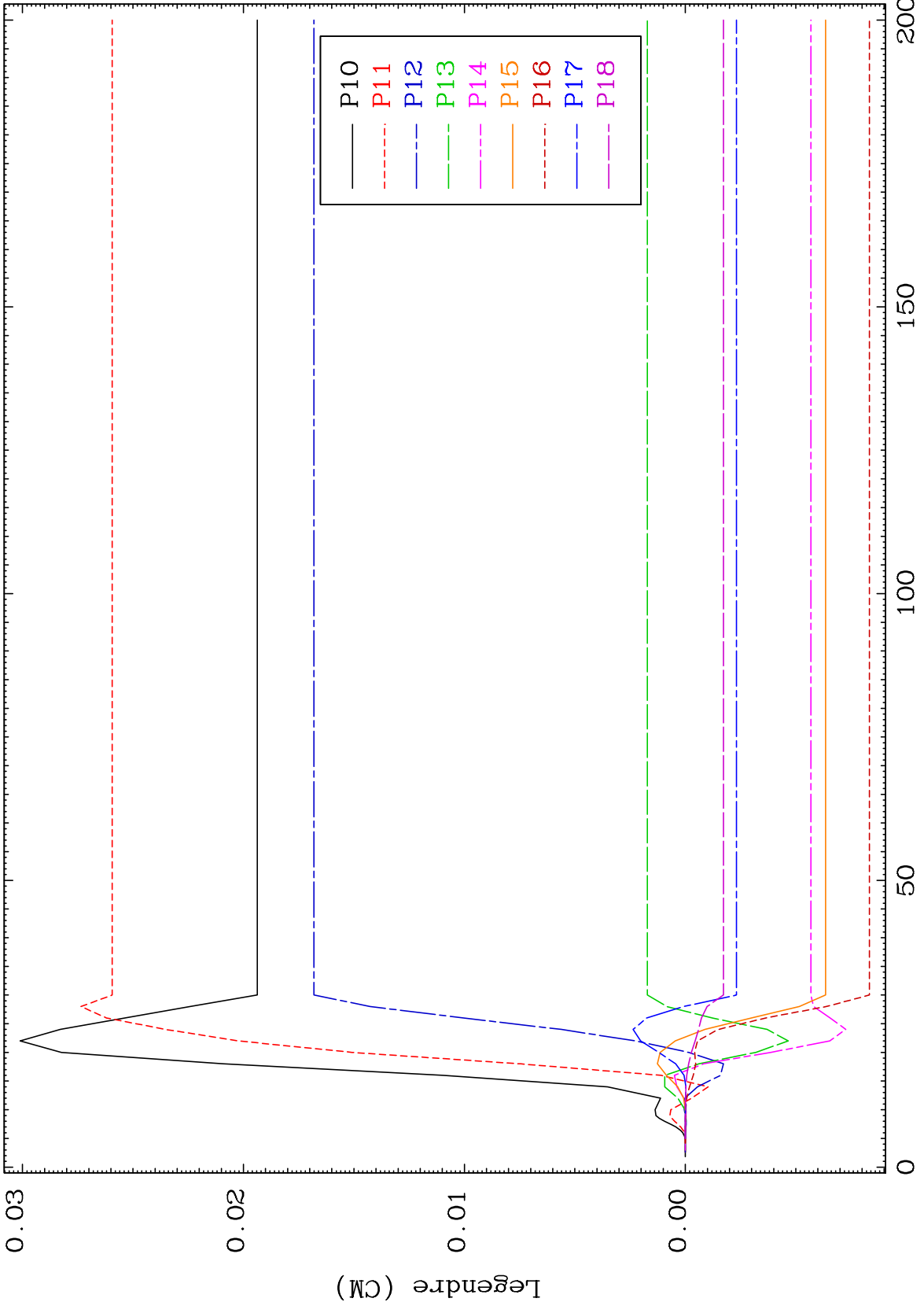
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



60

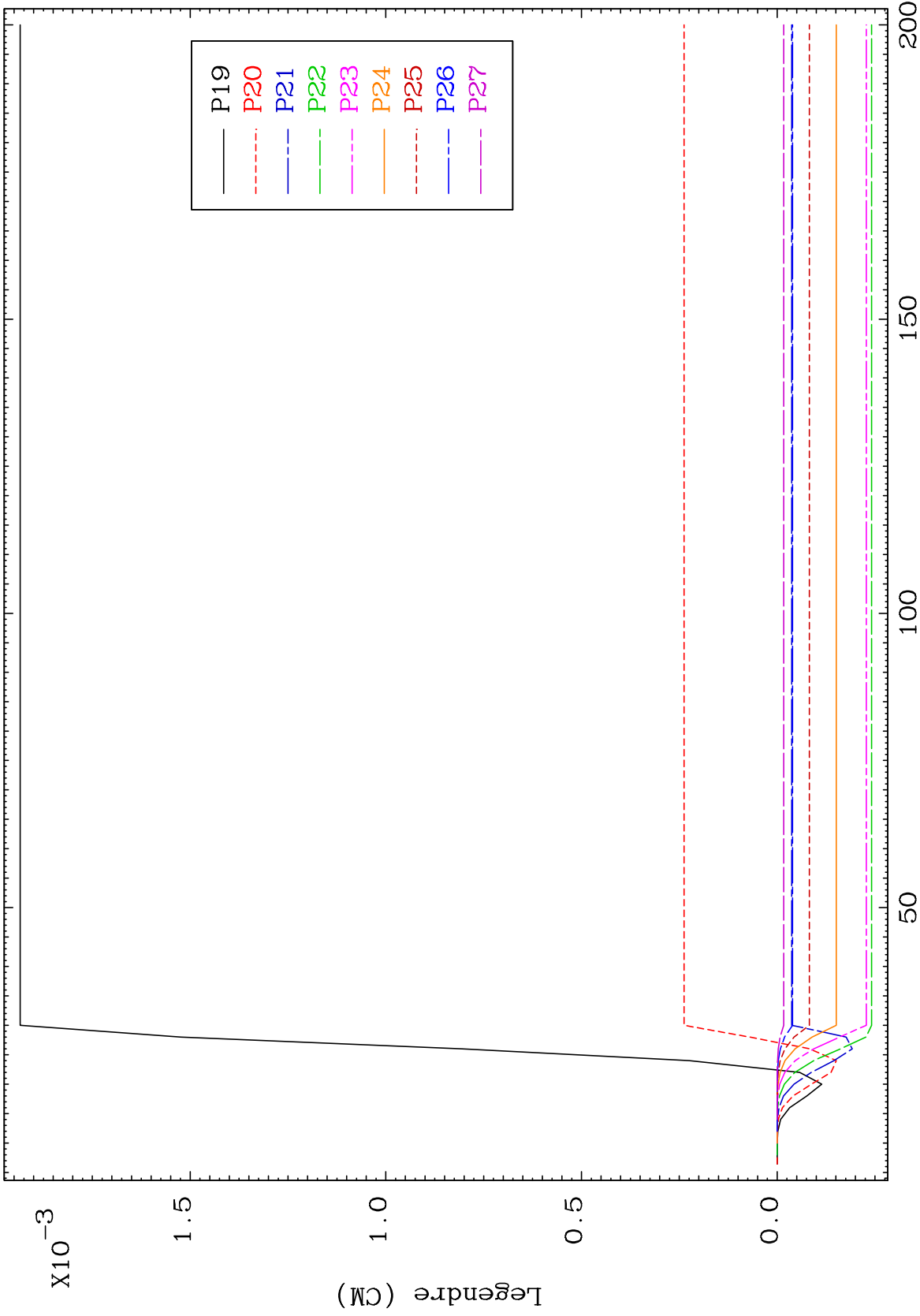
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



61

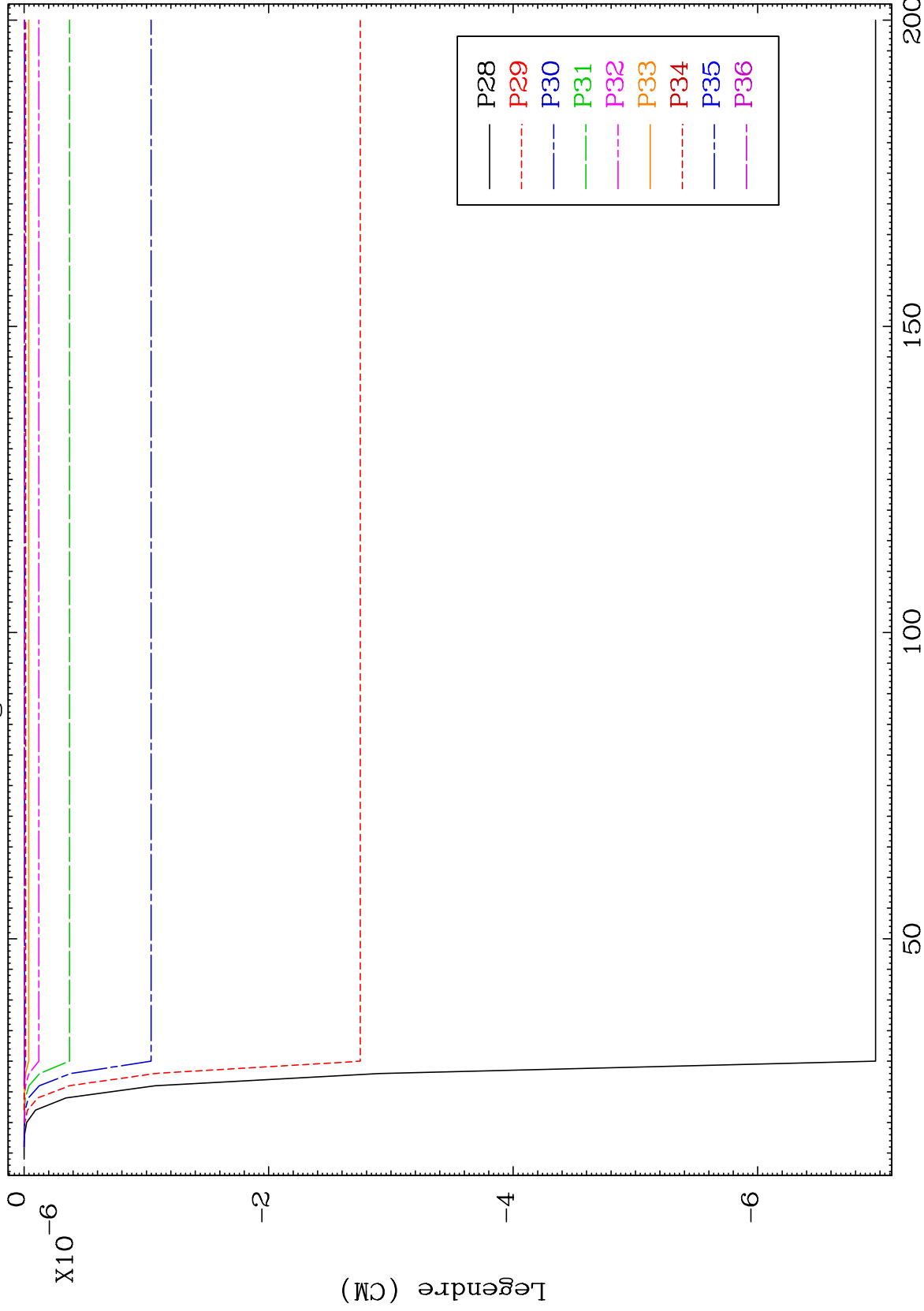
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



72-Hf-184

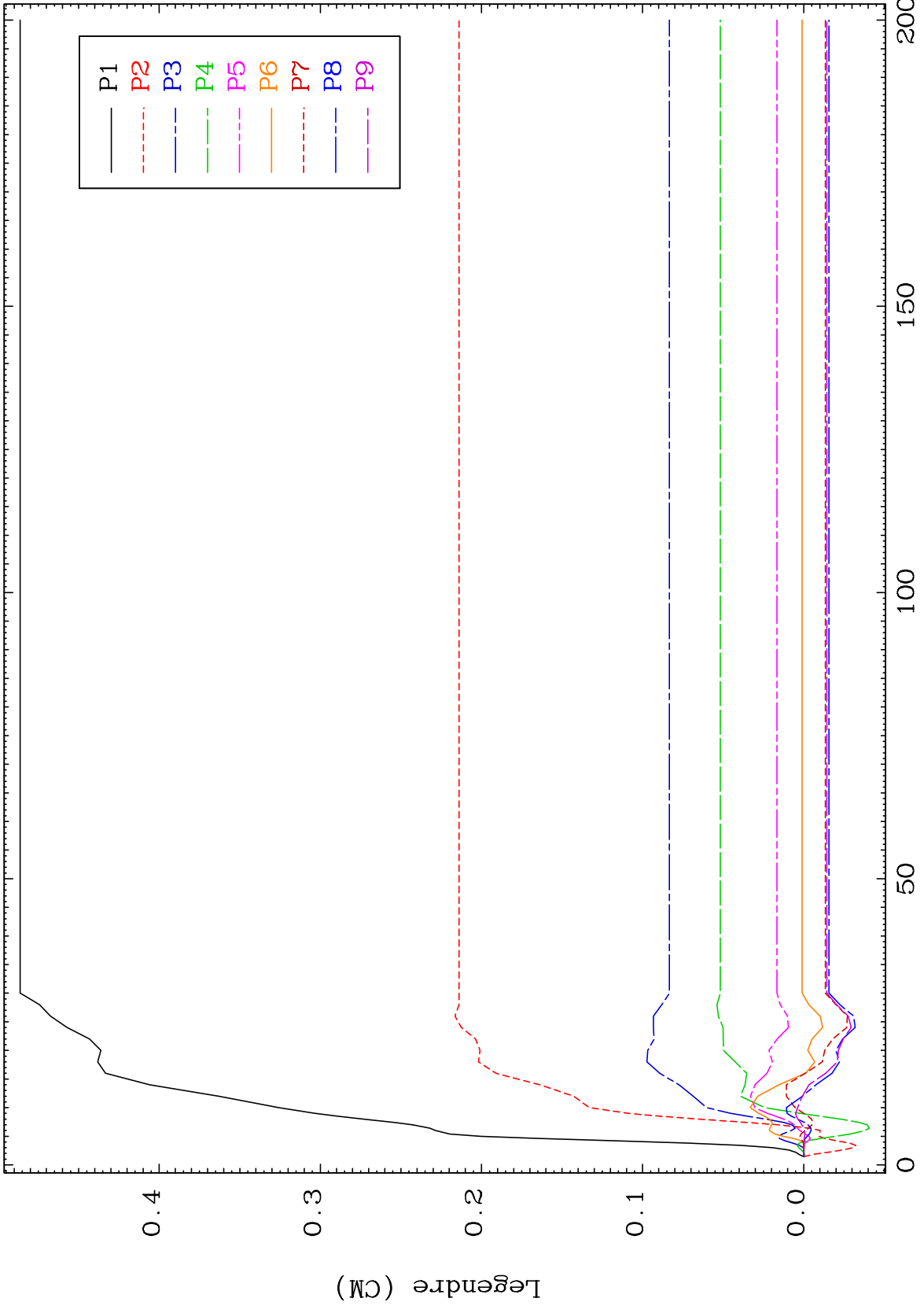
Incident Energy (MeV)

62

MAT 7255

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

72-Hf-184



63

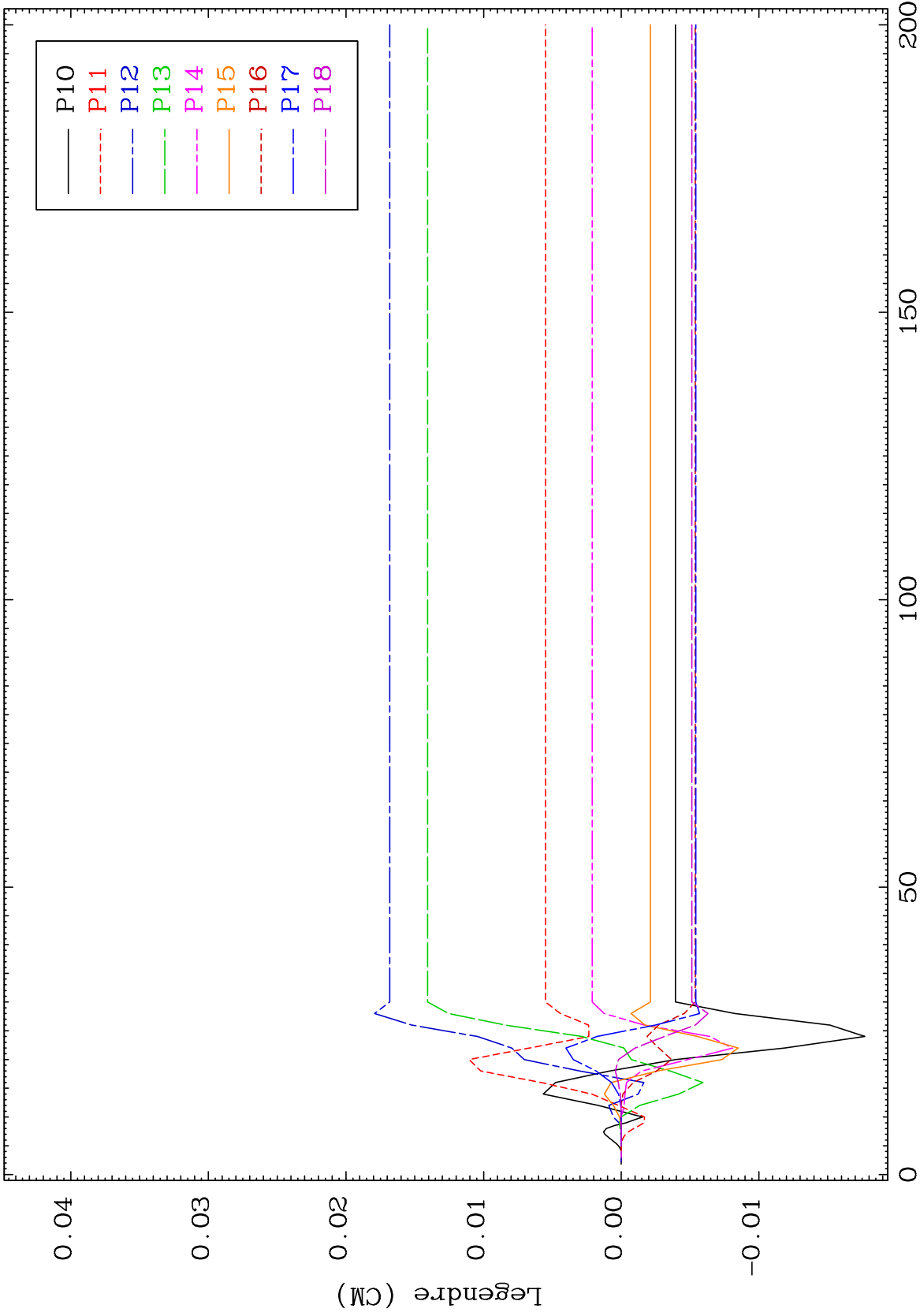
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



64

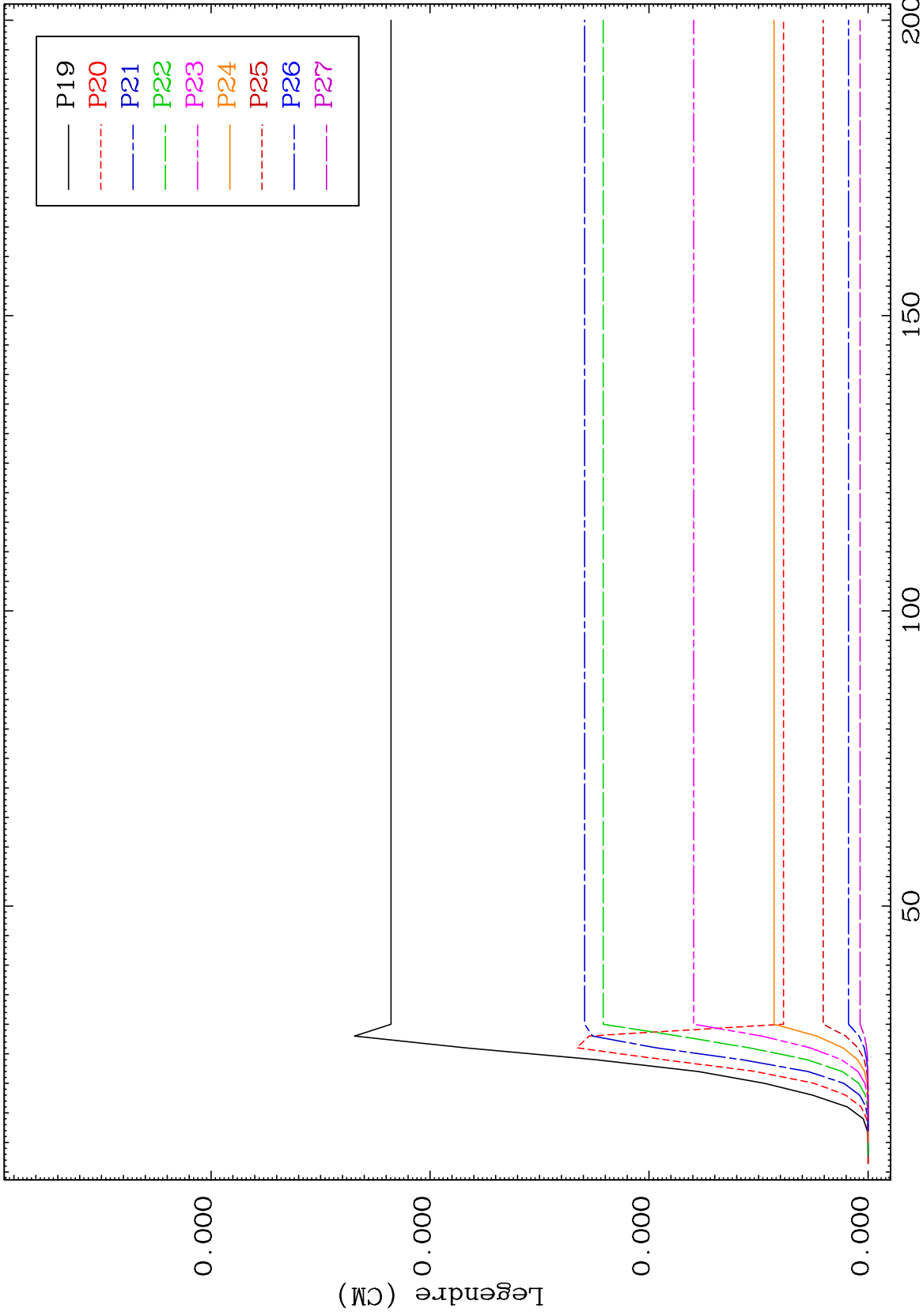
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



65

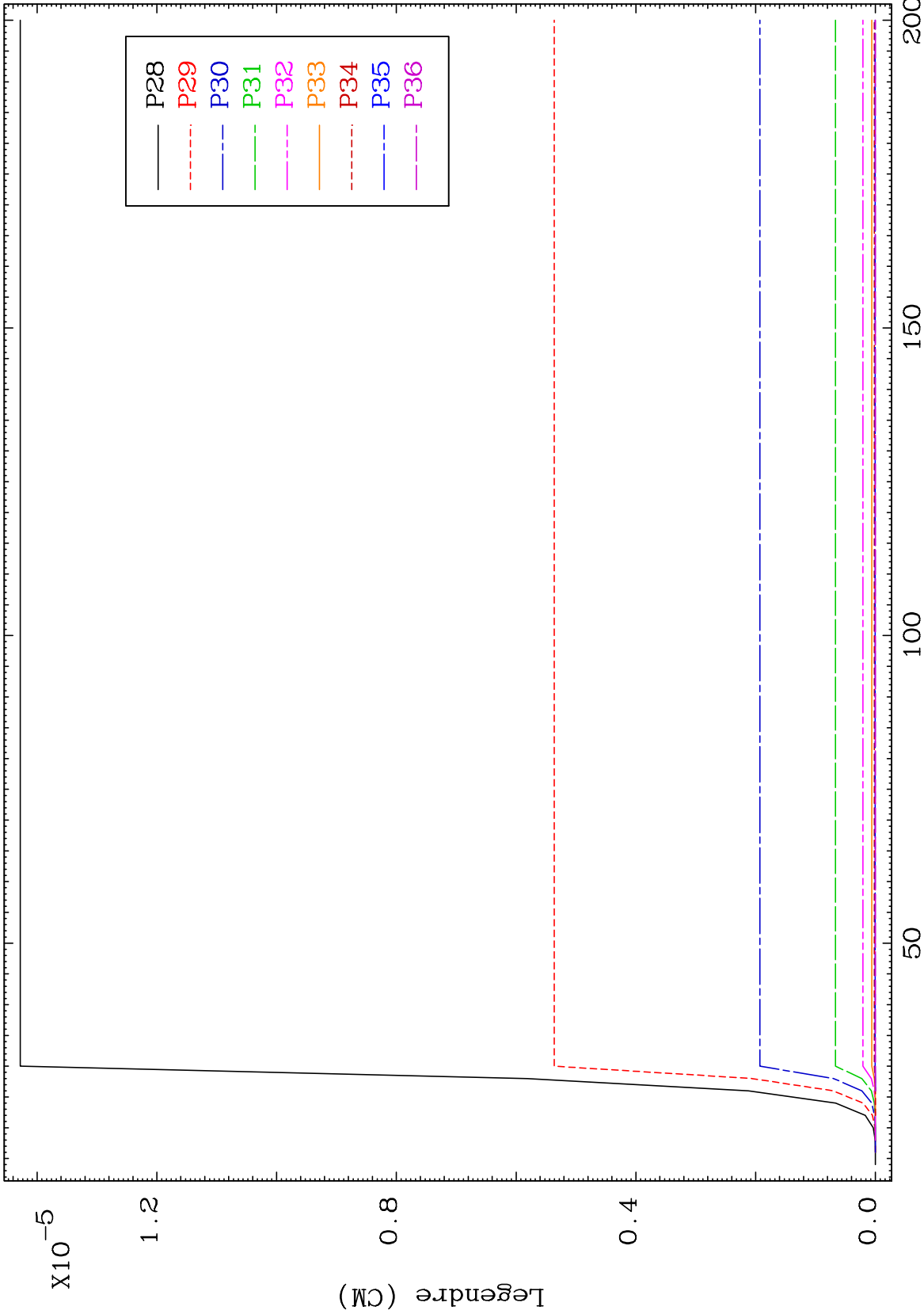
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



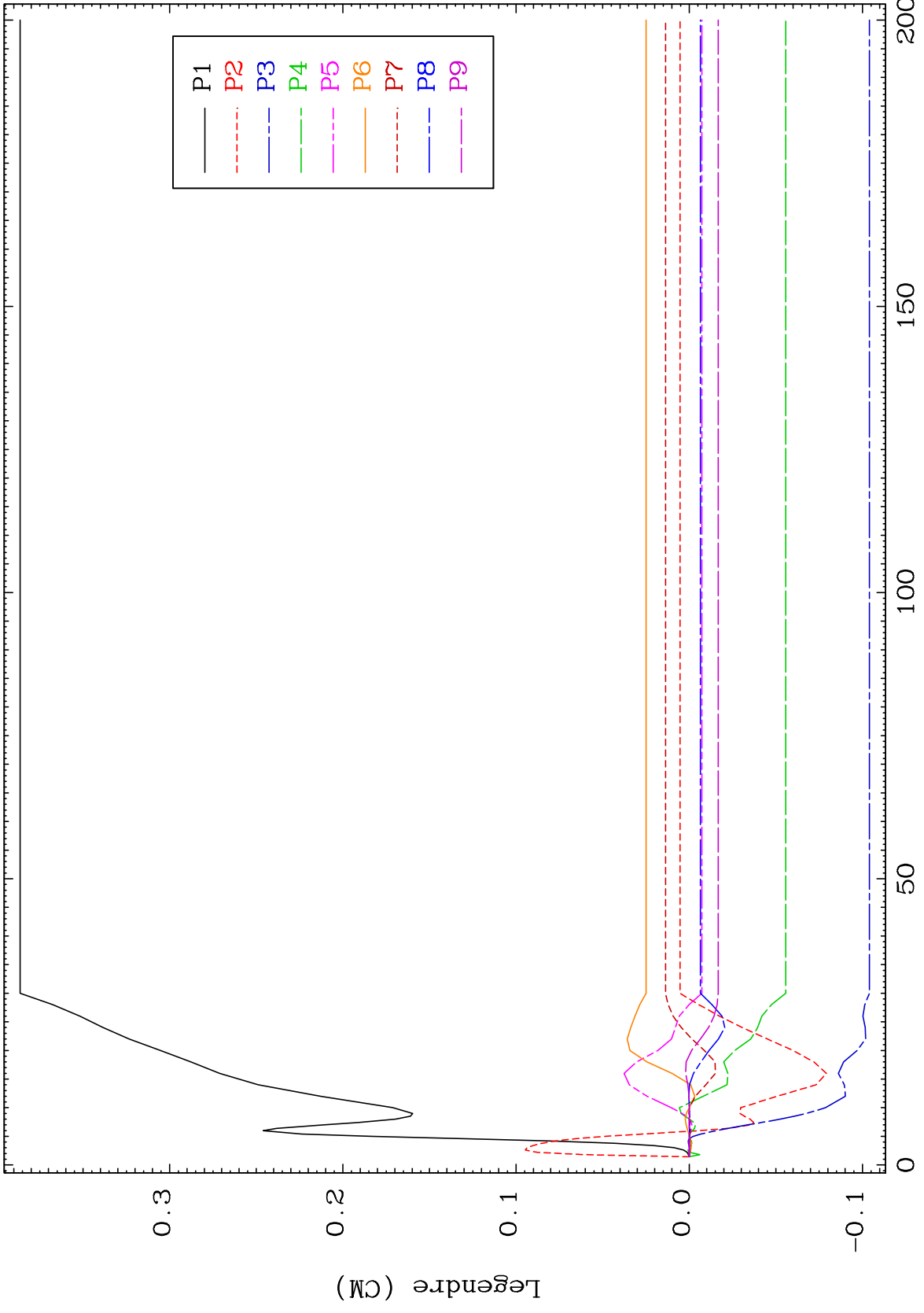
66

72-Hf-184

MAT 7255

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

72-Hf-184



67

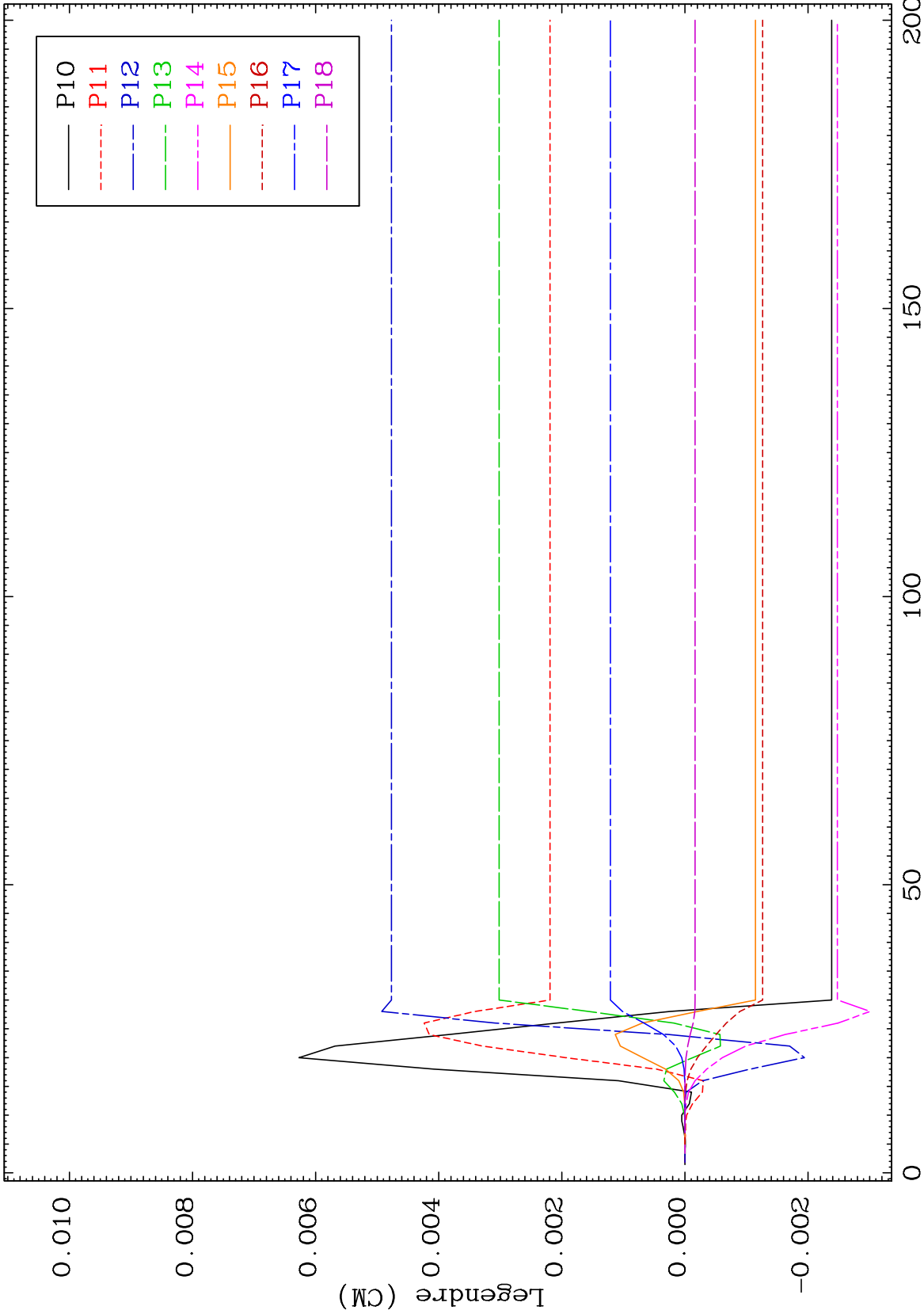
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



68

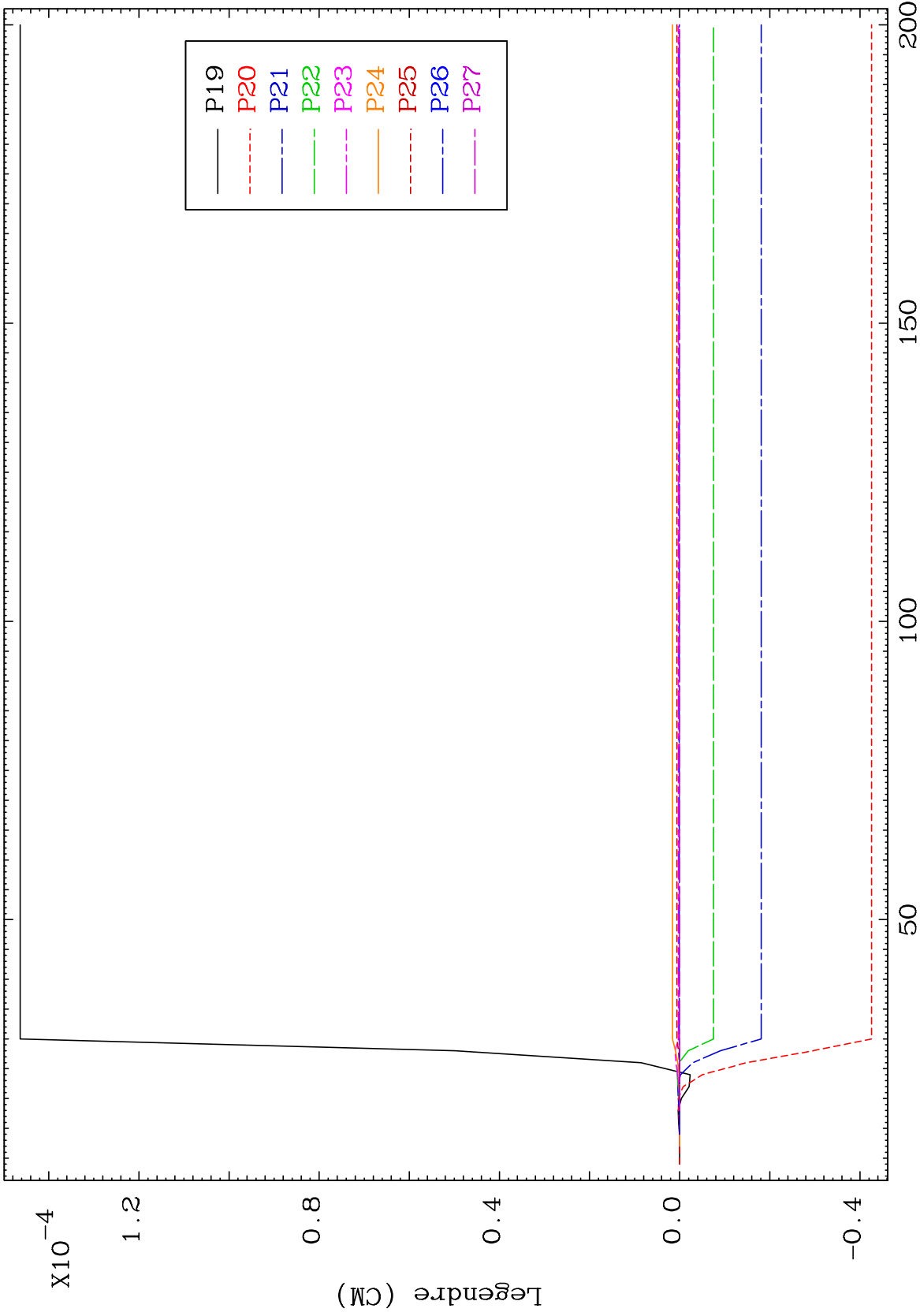
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



69

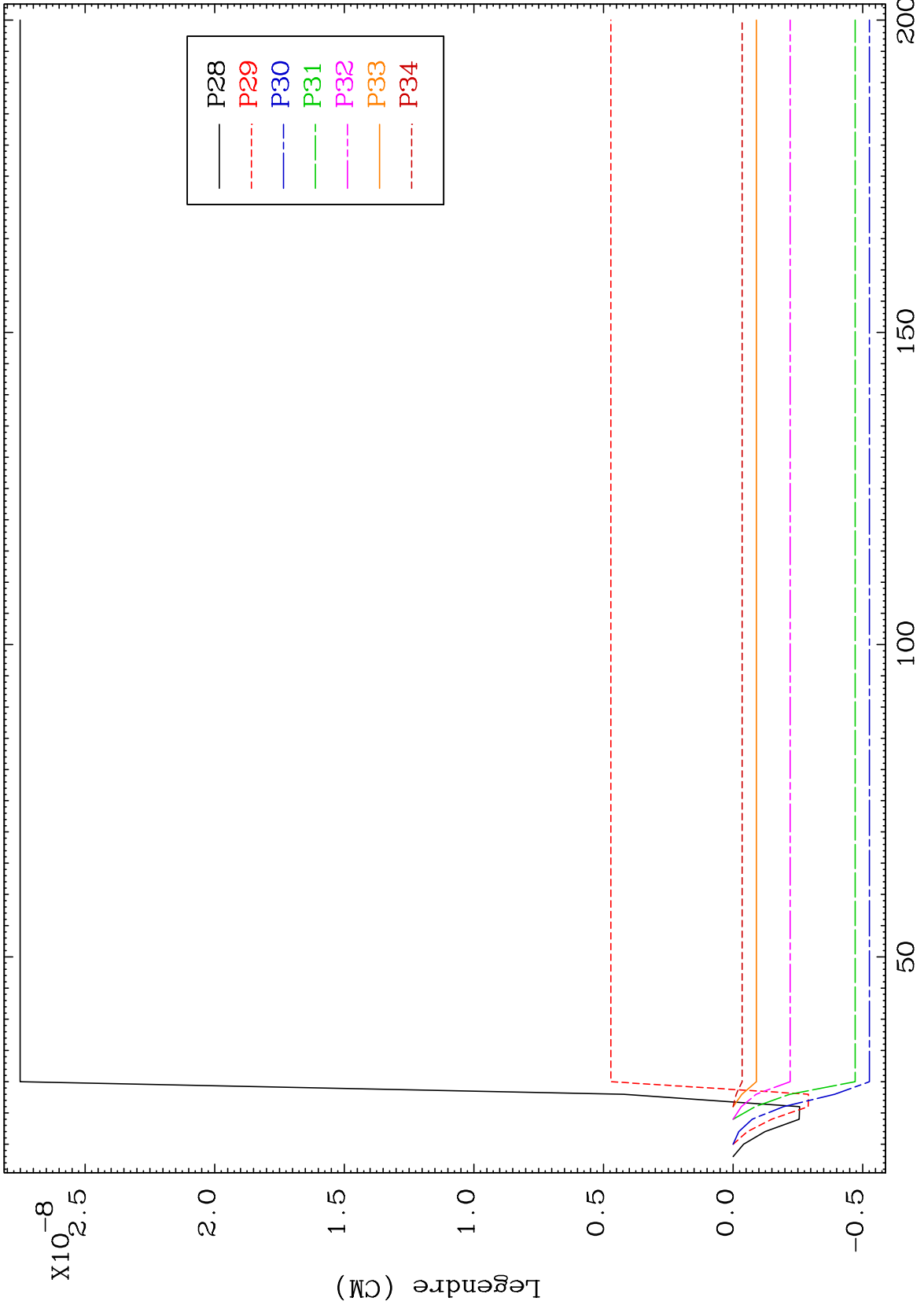
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



70

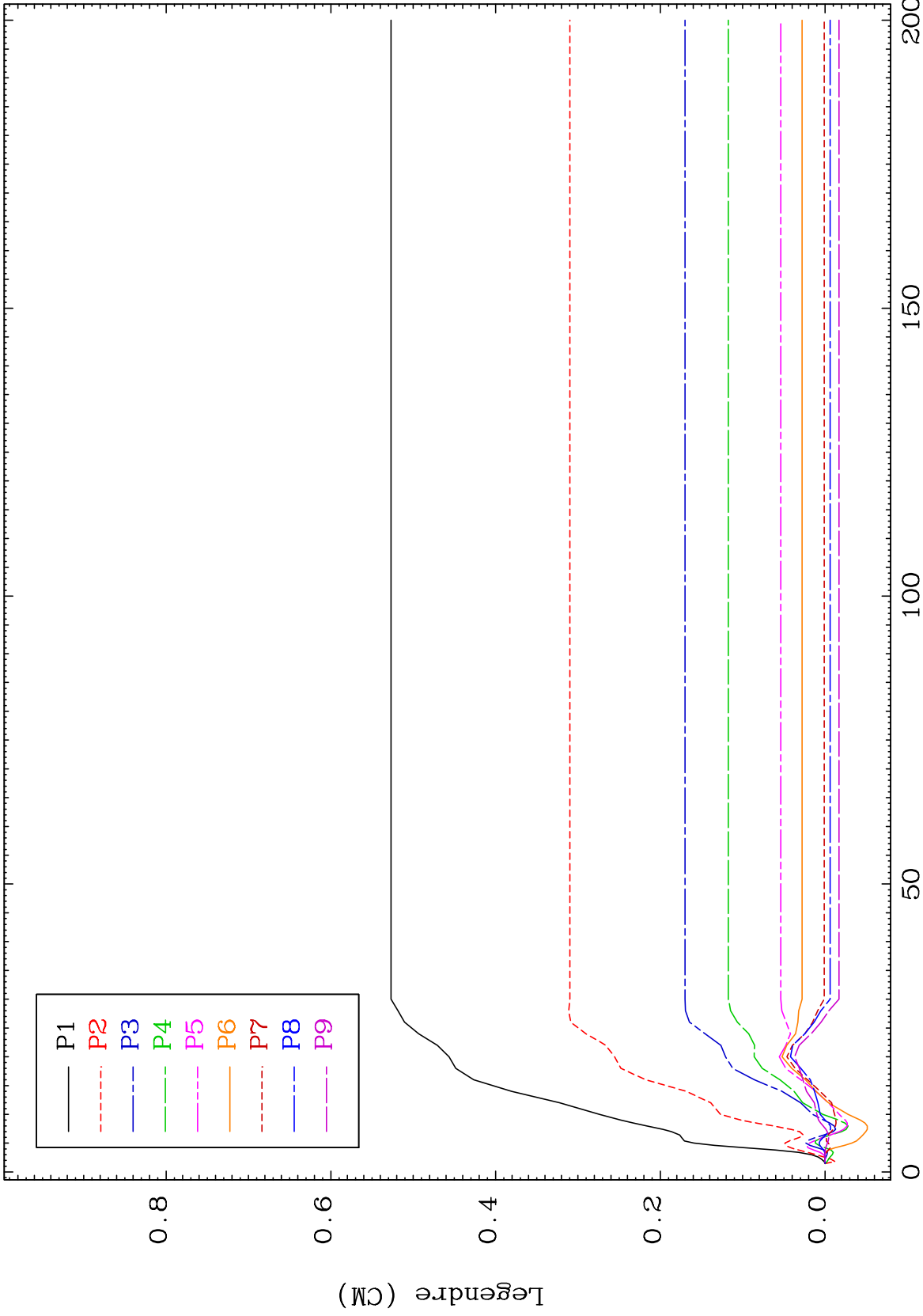
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



71

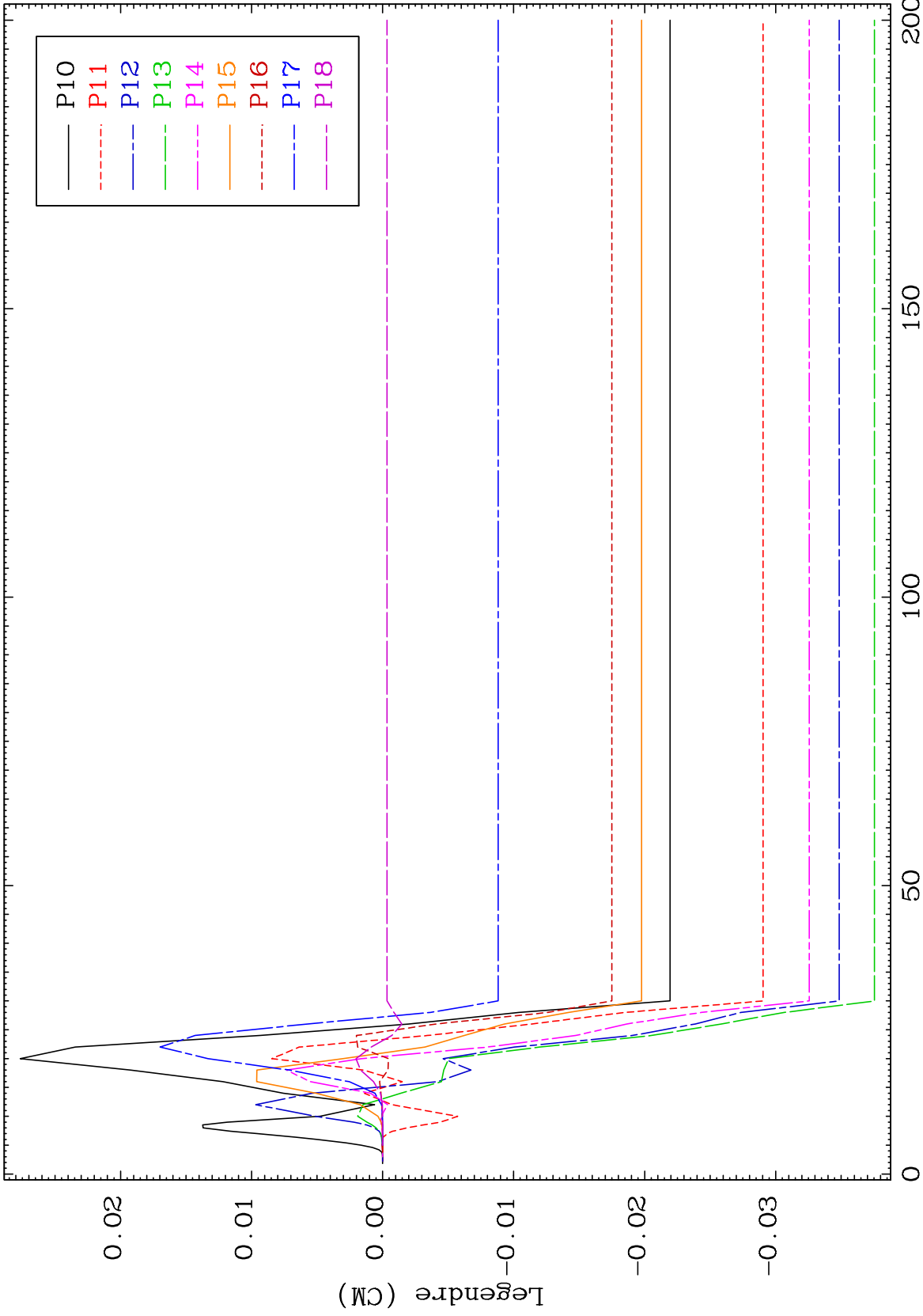
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



72

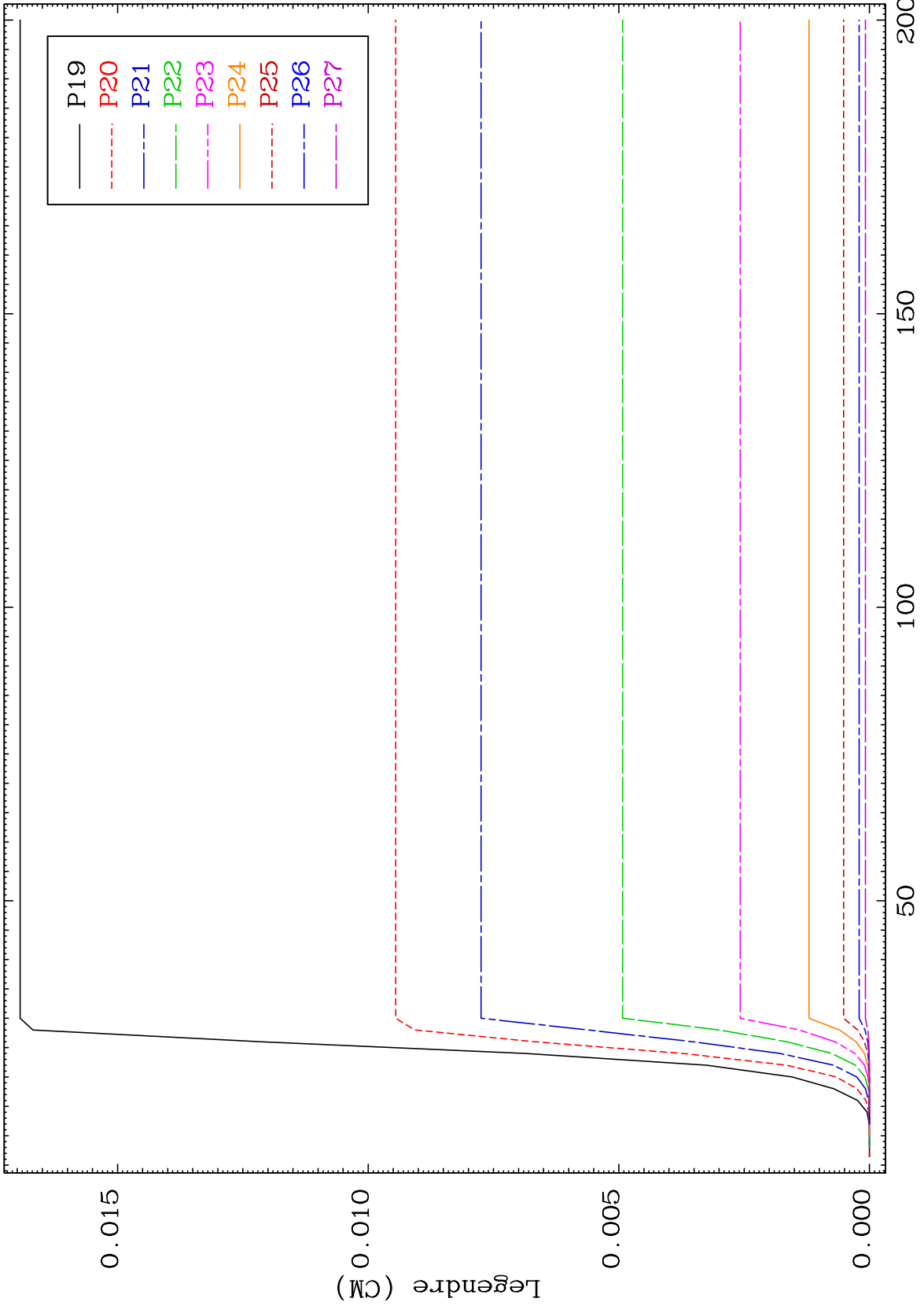
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



73

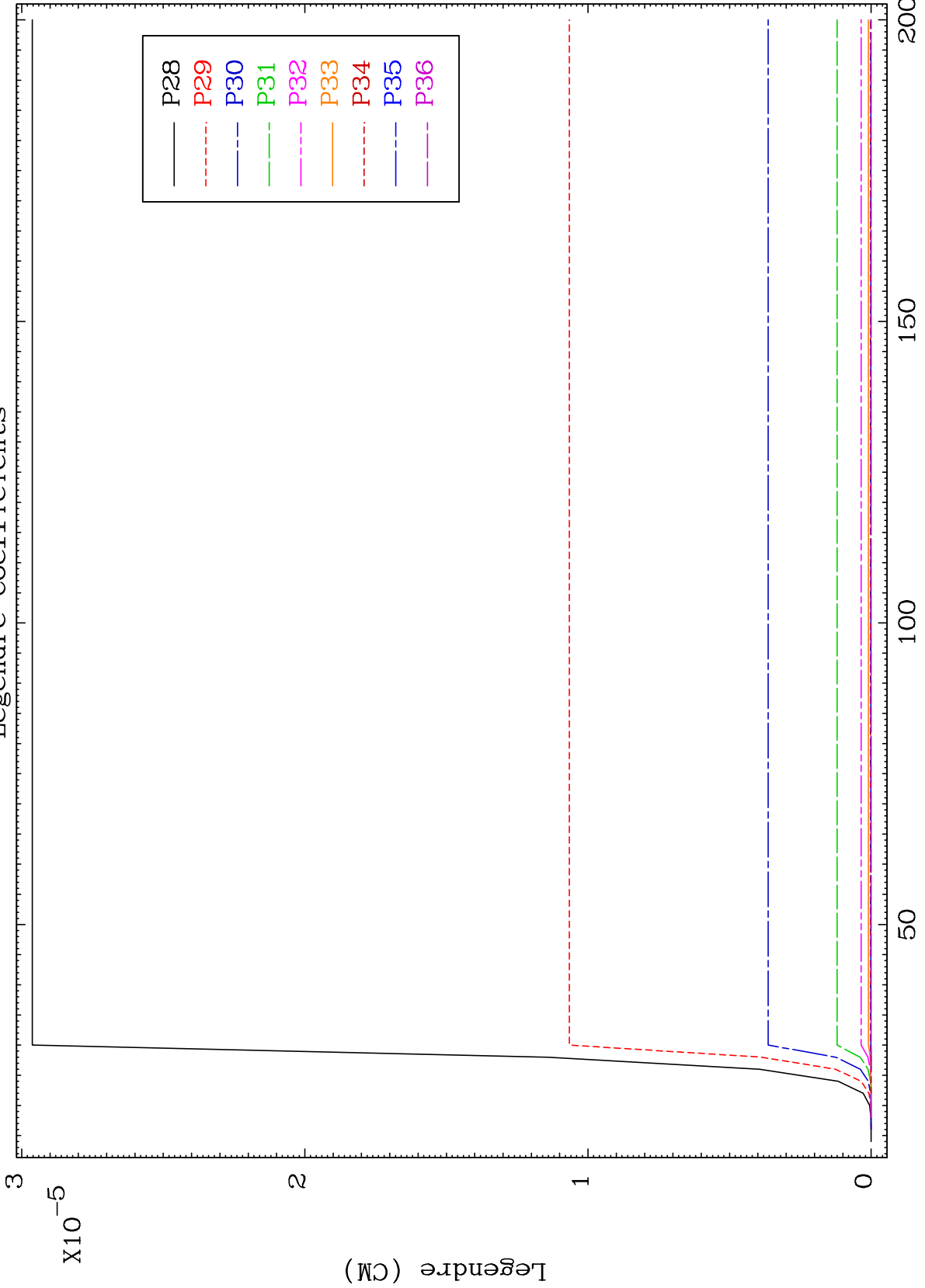
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184

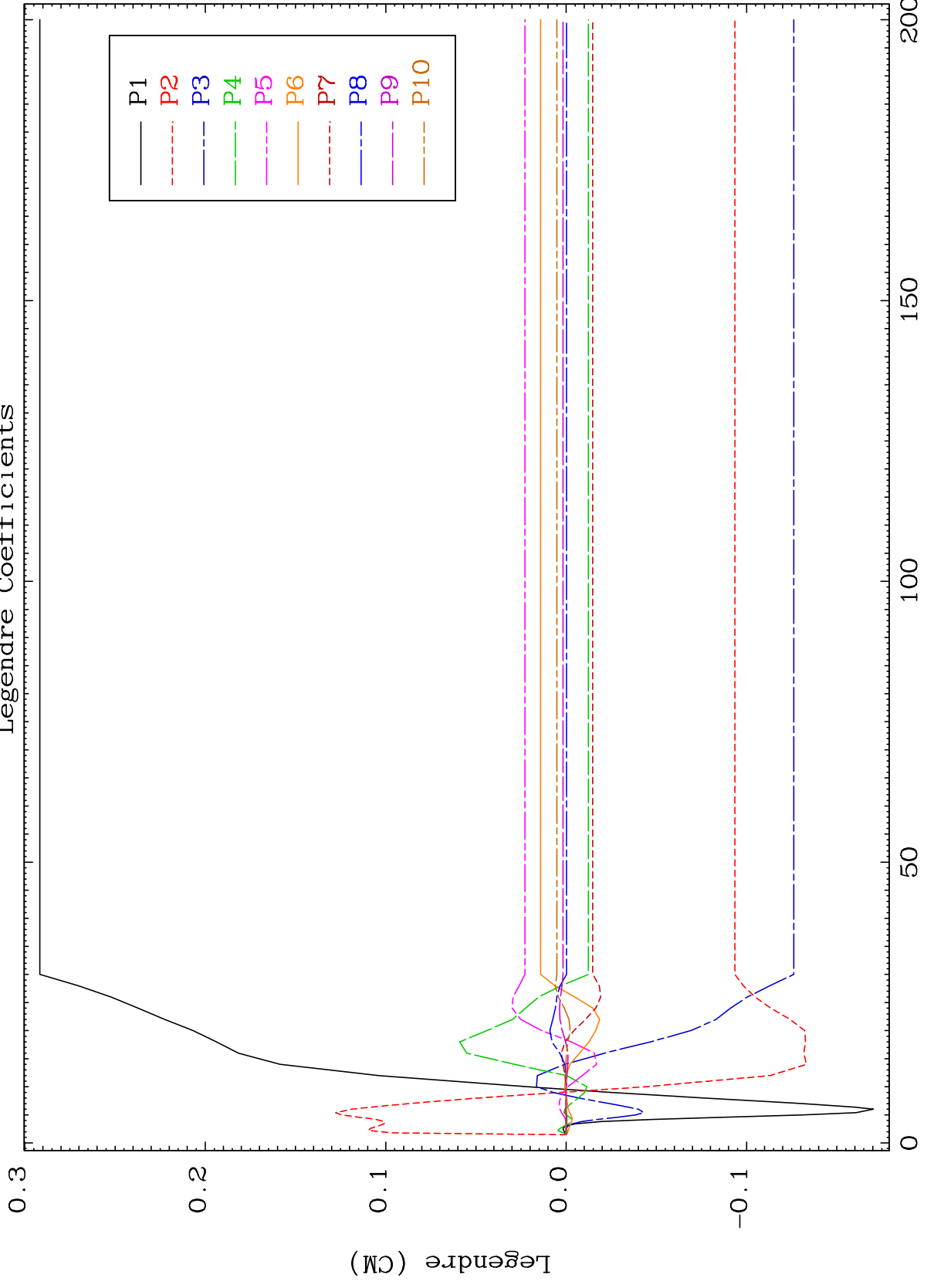


74

Incident Energy (MeV)

72-Hf-184

MAT 7255 MT= 66 (n,n') Level Legendre Coefficients 72-Hf-184

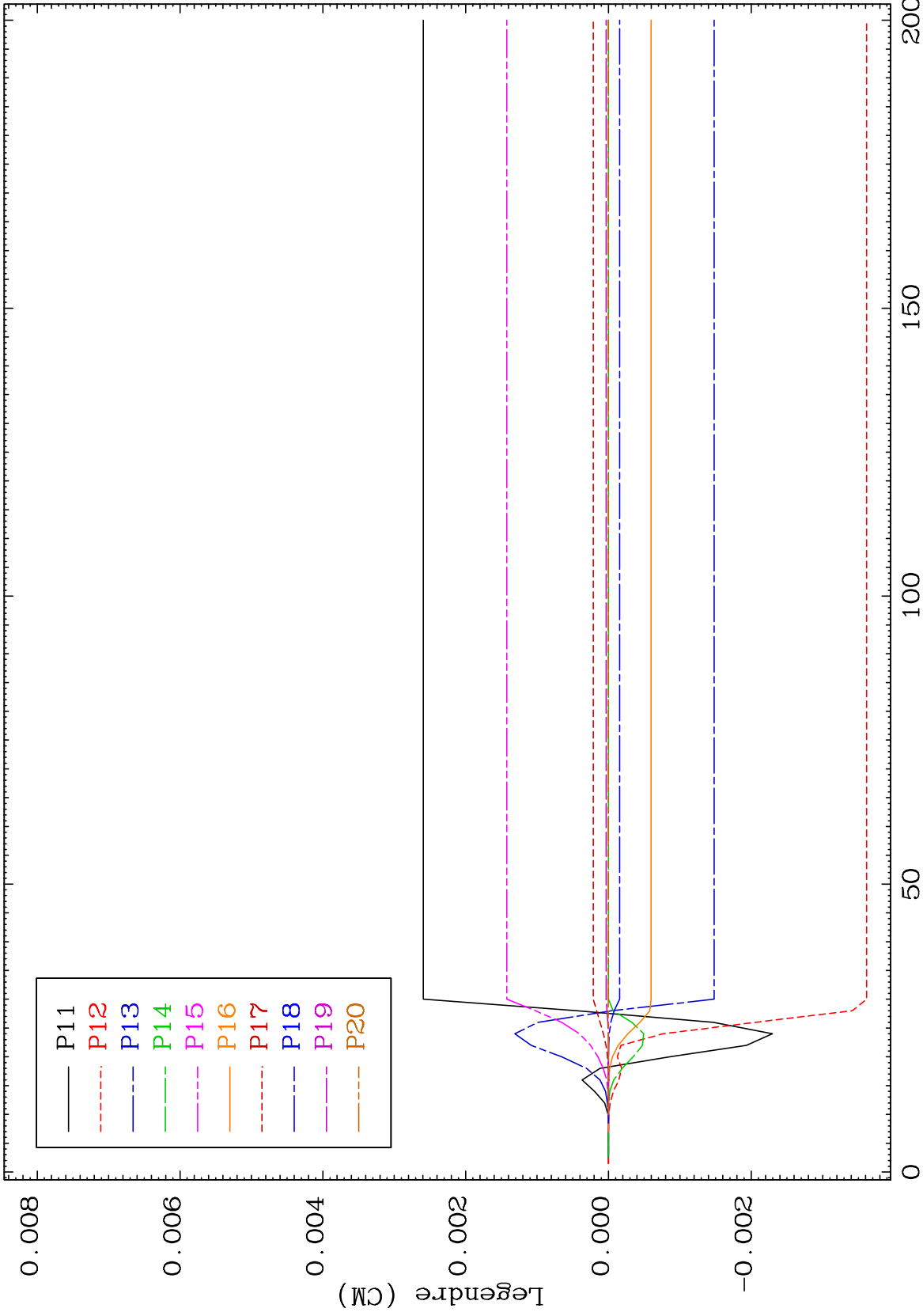


75 72-Hf-184

MAT 7255

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

72-Hf-184



76

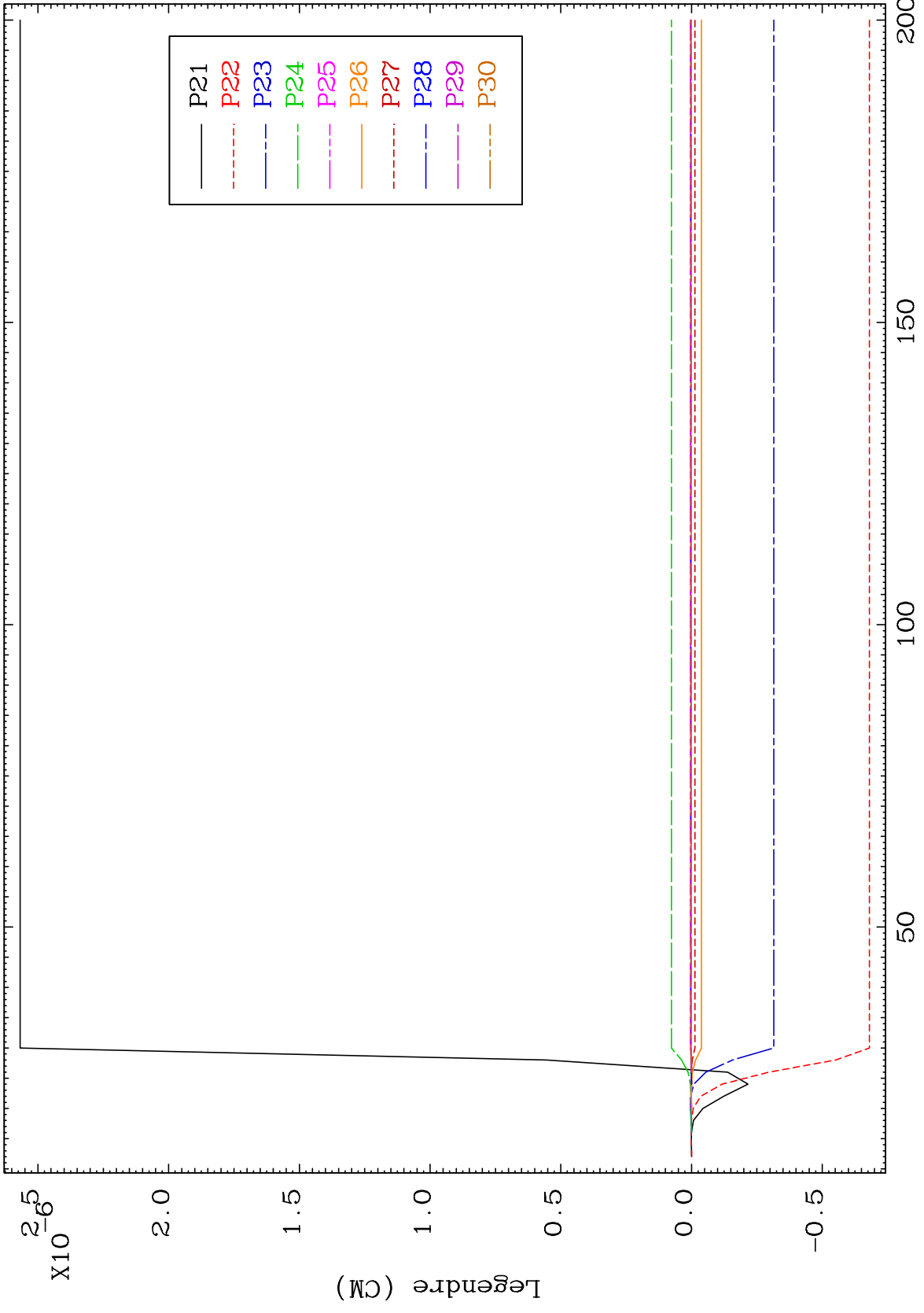
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



77

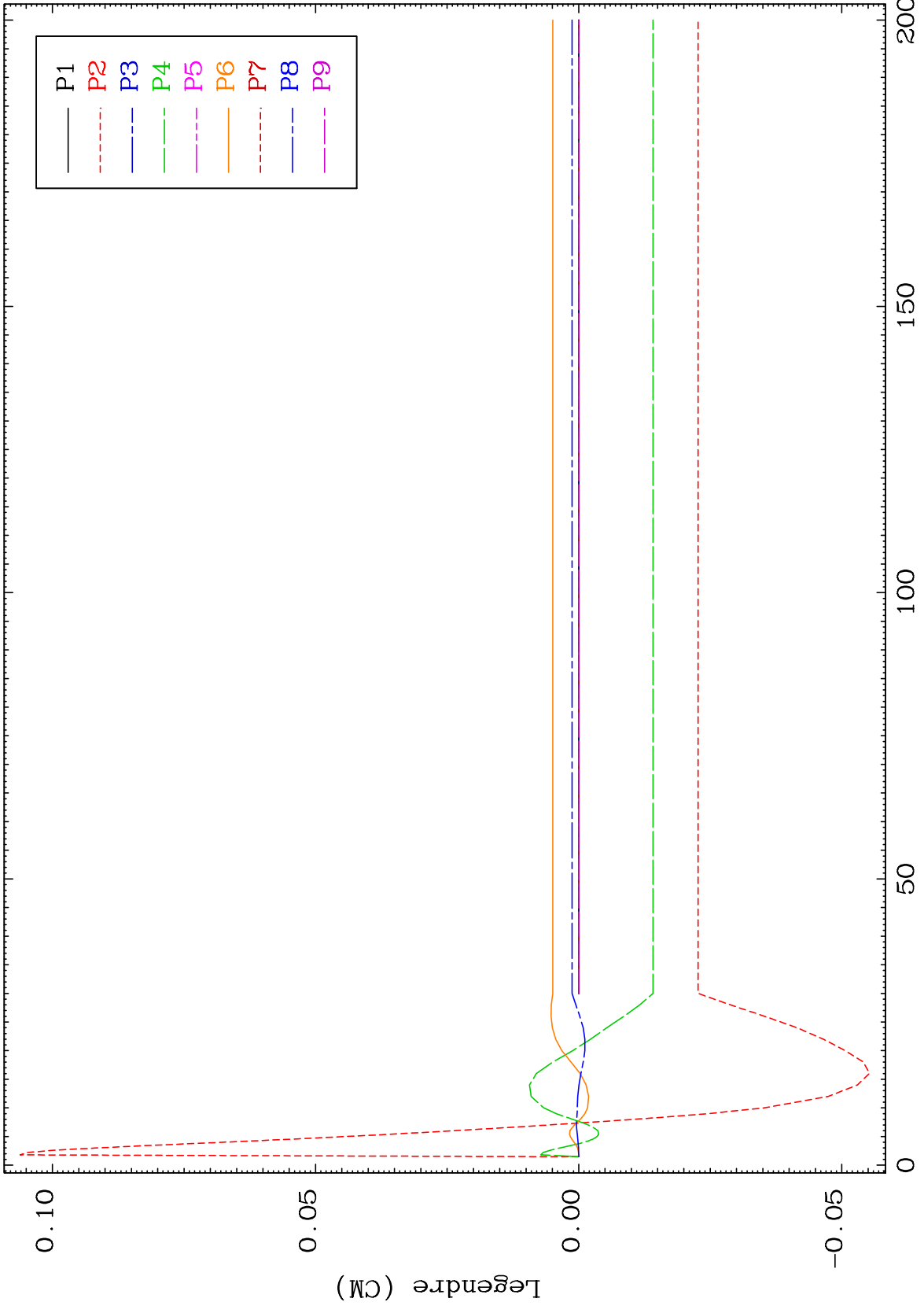
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



78

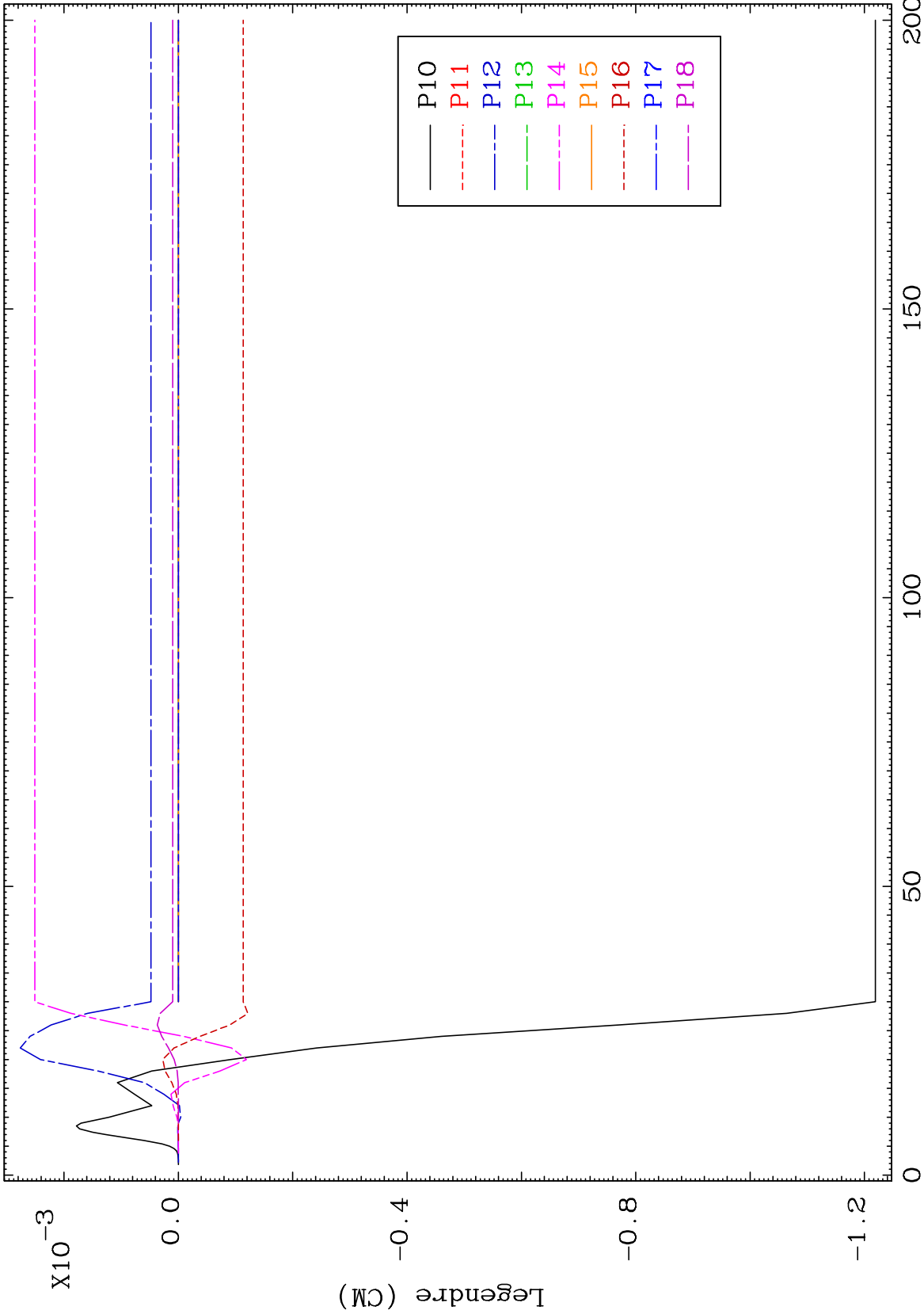
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184

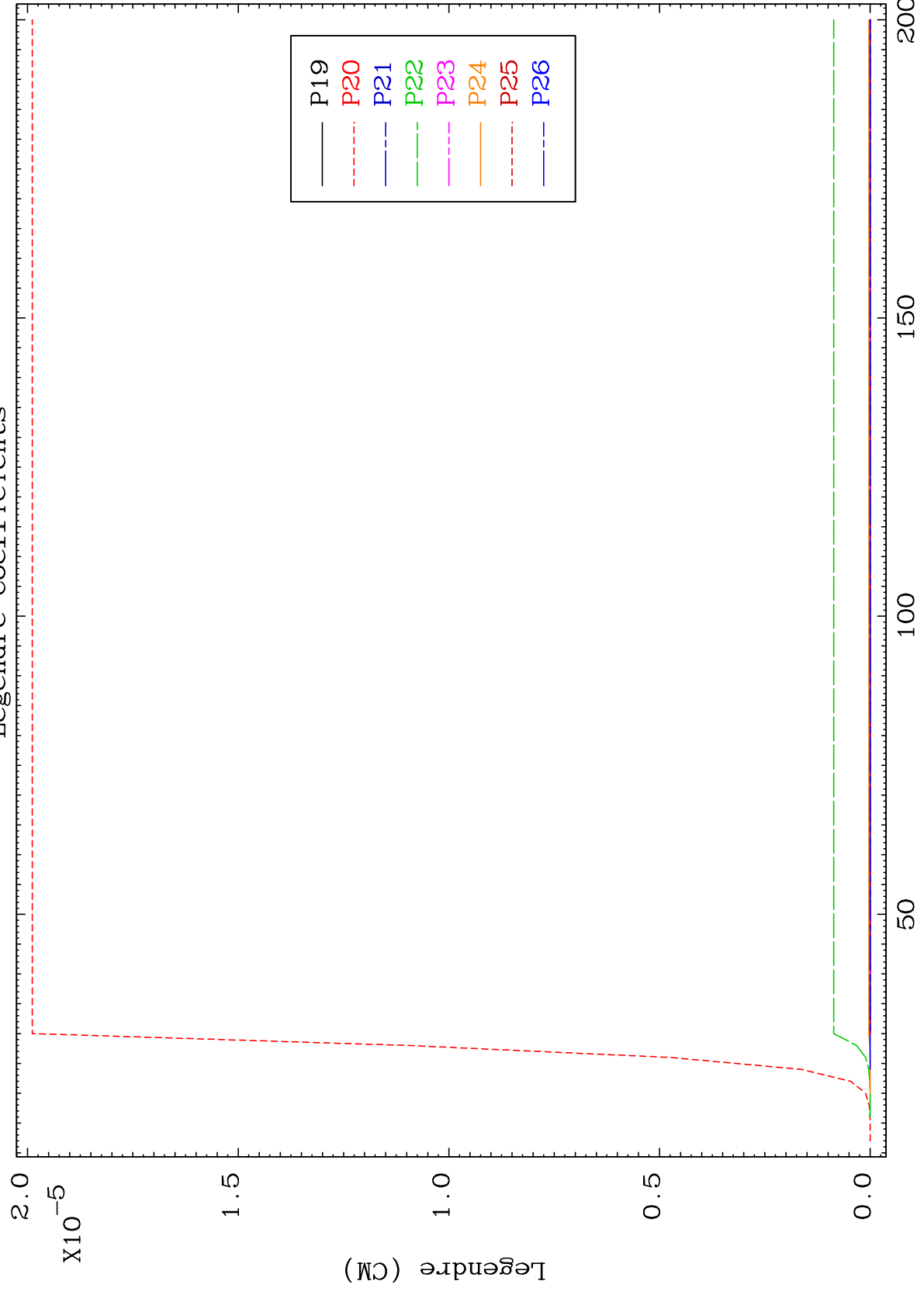


79

Incident Energy (MeV)

72-Hf-184

MAT 7255 MT= 67 (n,n') Level Legendre Coefficients 72-Hf-184

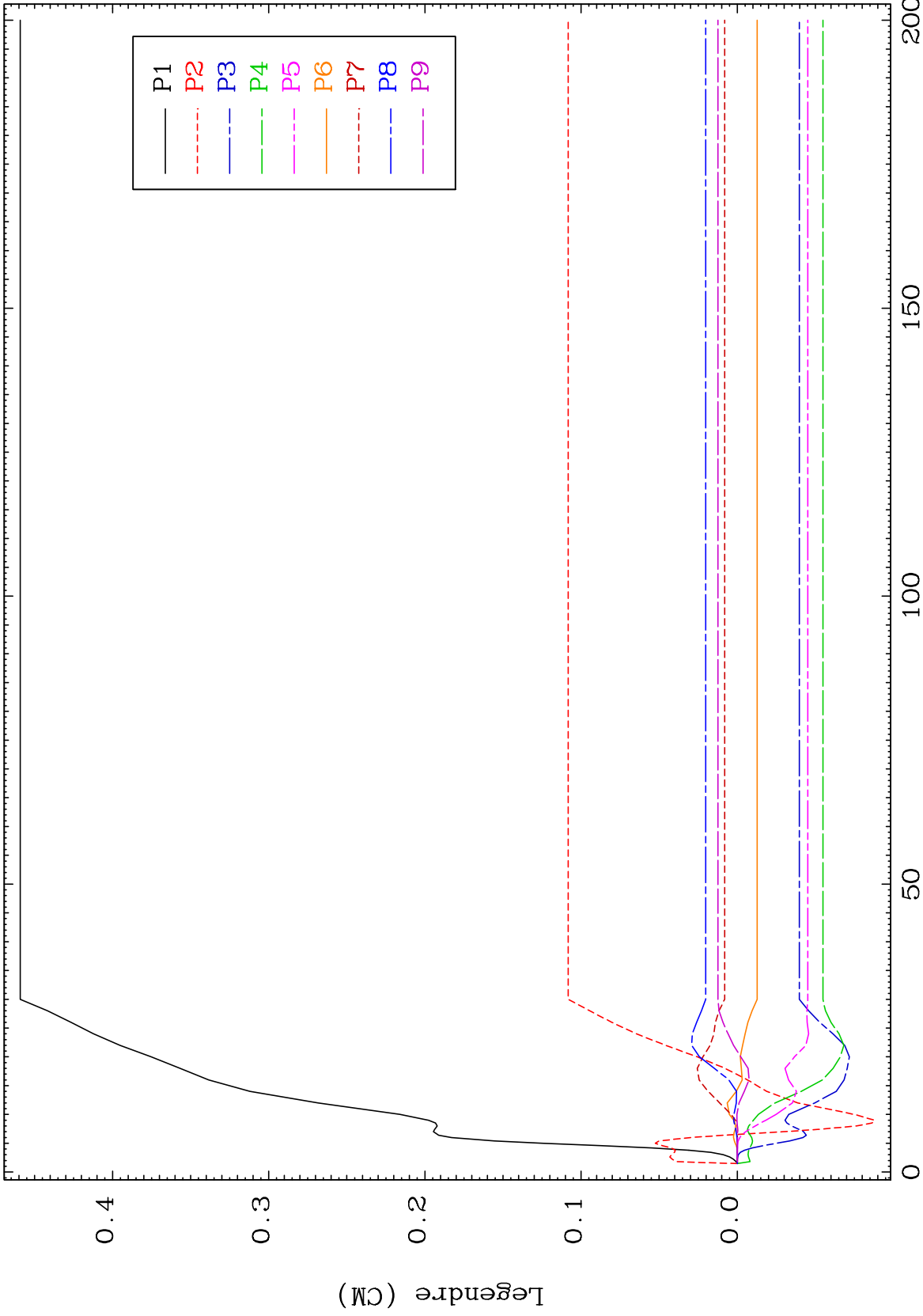


80 Incident Energy (MeV) 72-Hf-184

MAT 7255

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

72-Hf-184



81

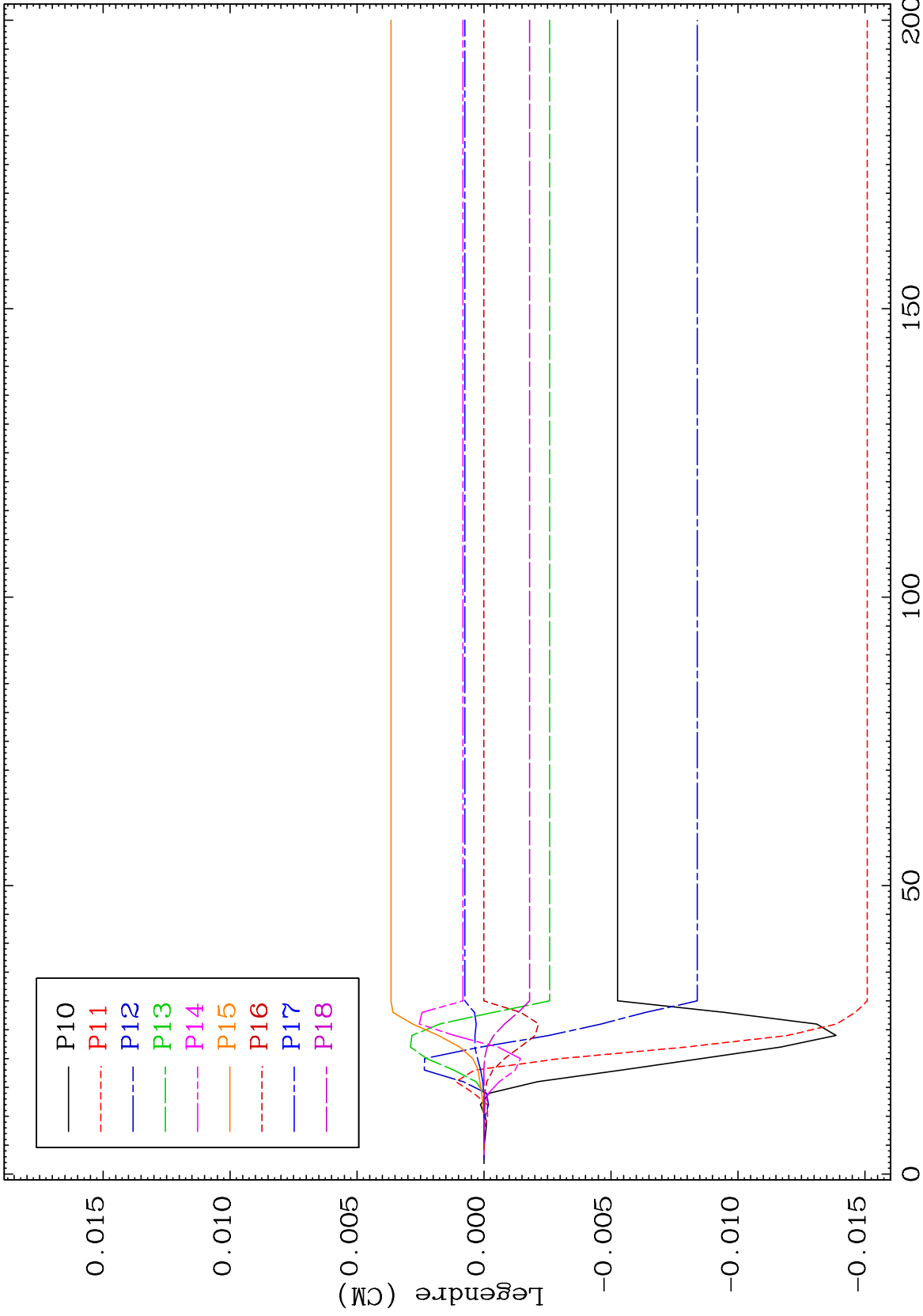
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



82

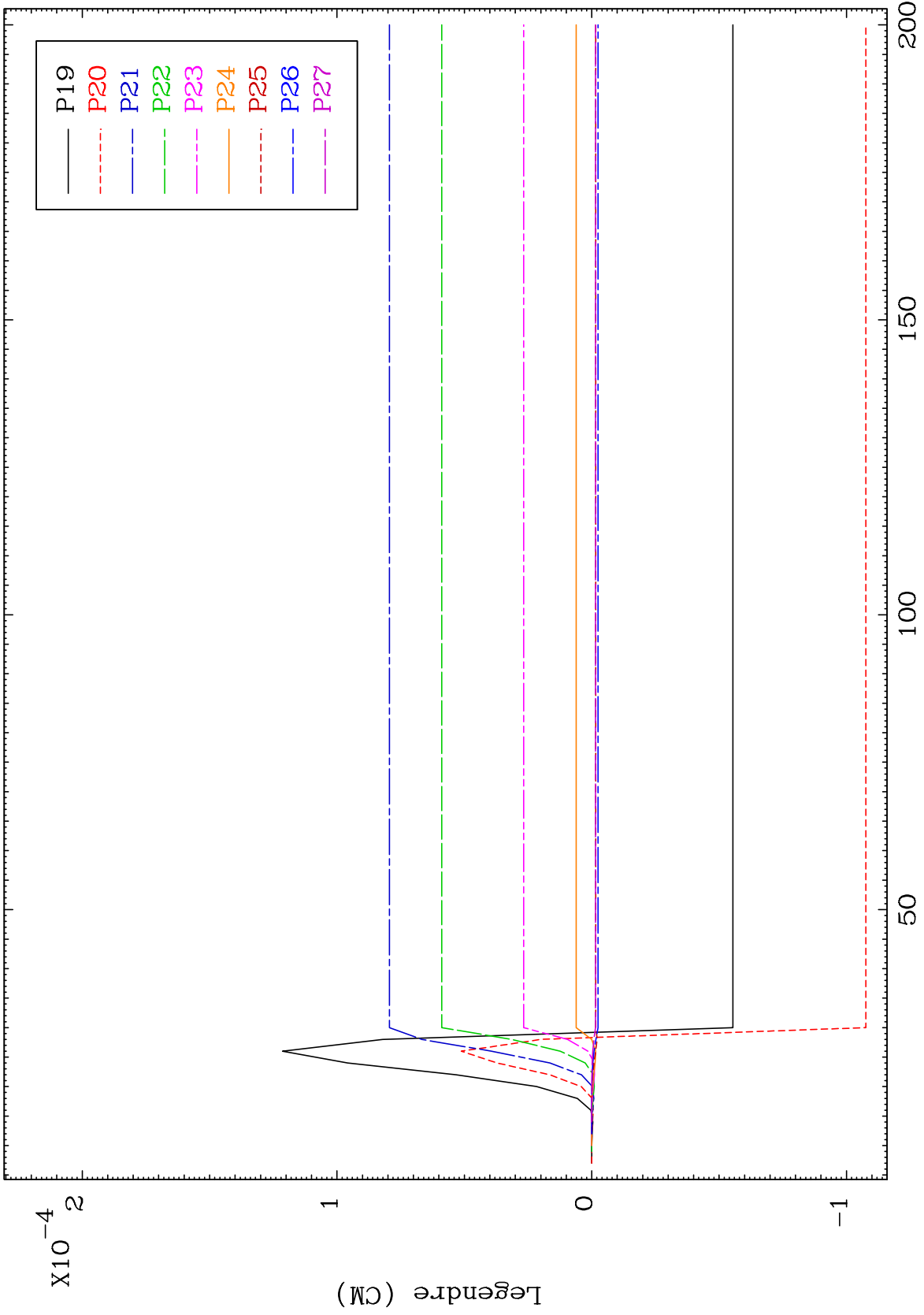
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



83

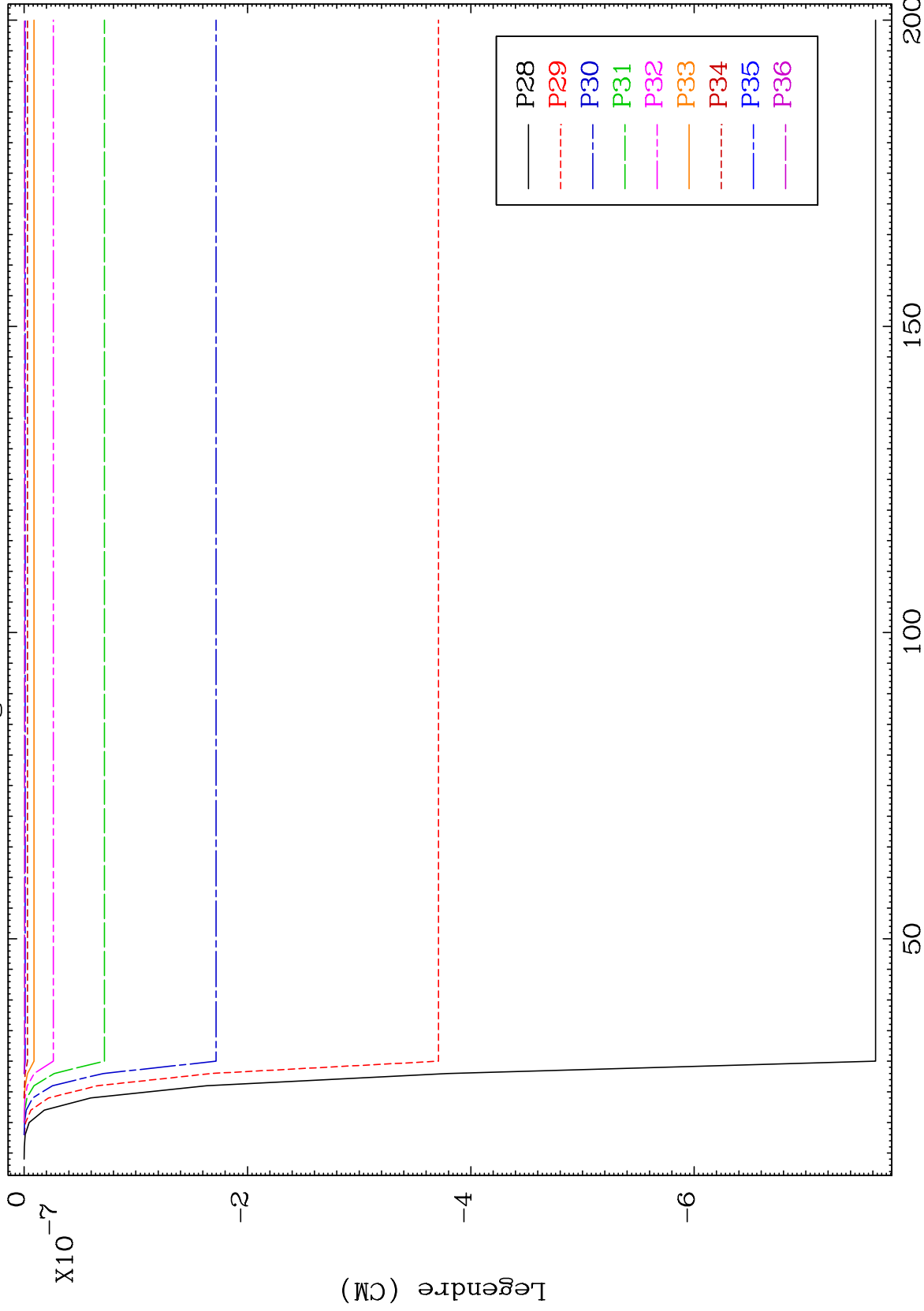
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



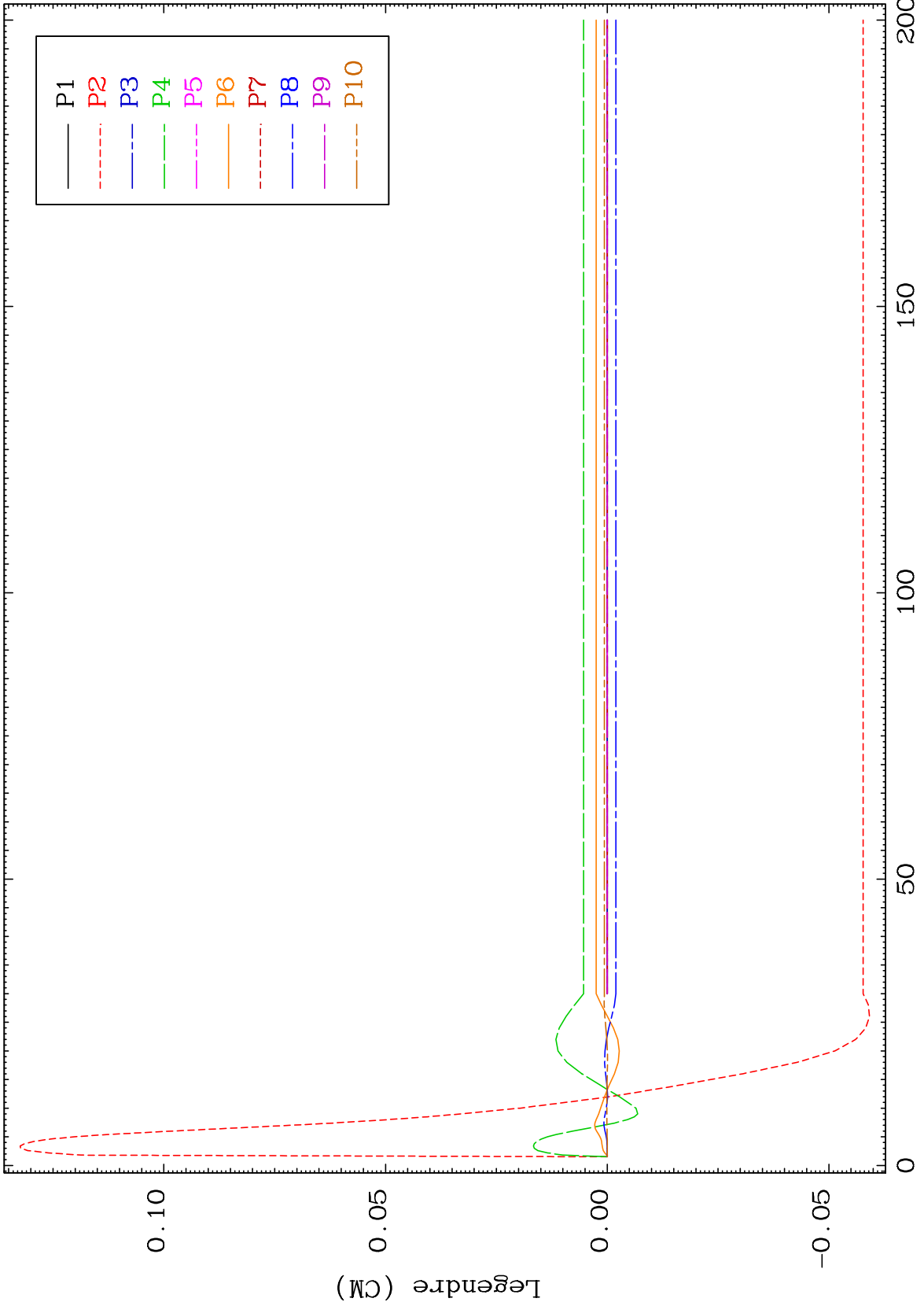
84

72-Hf-184

MAT 7255

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

72-Hf-184



85

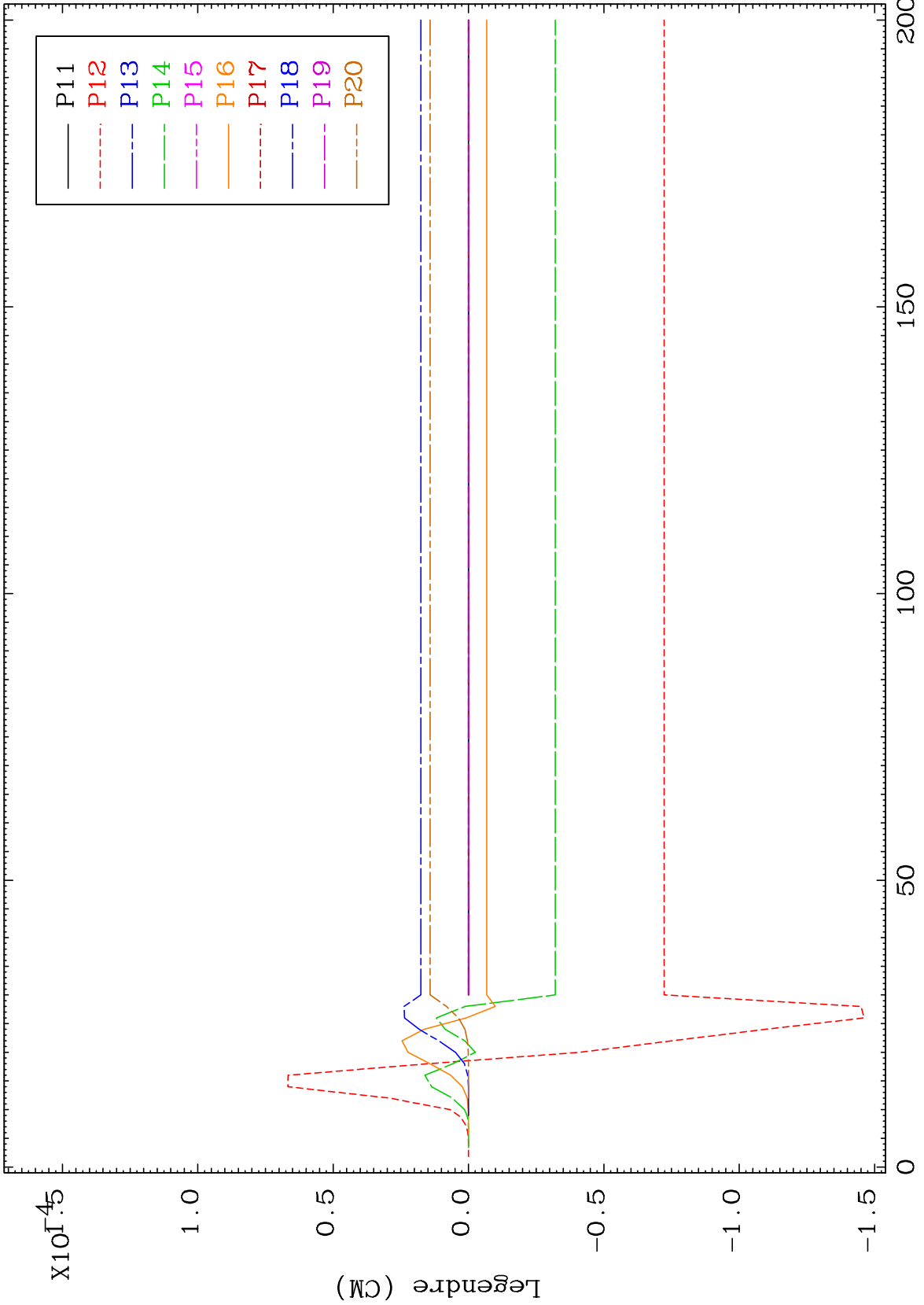
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



86

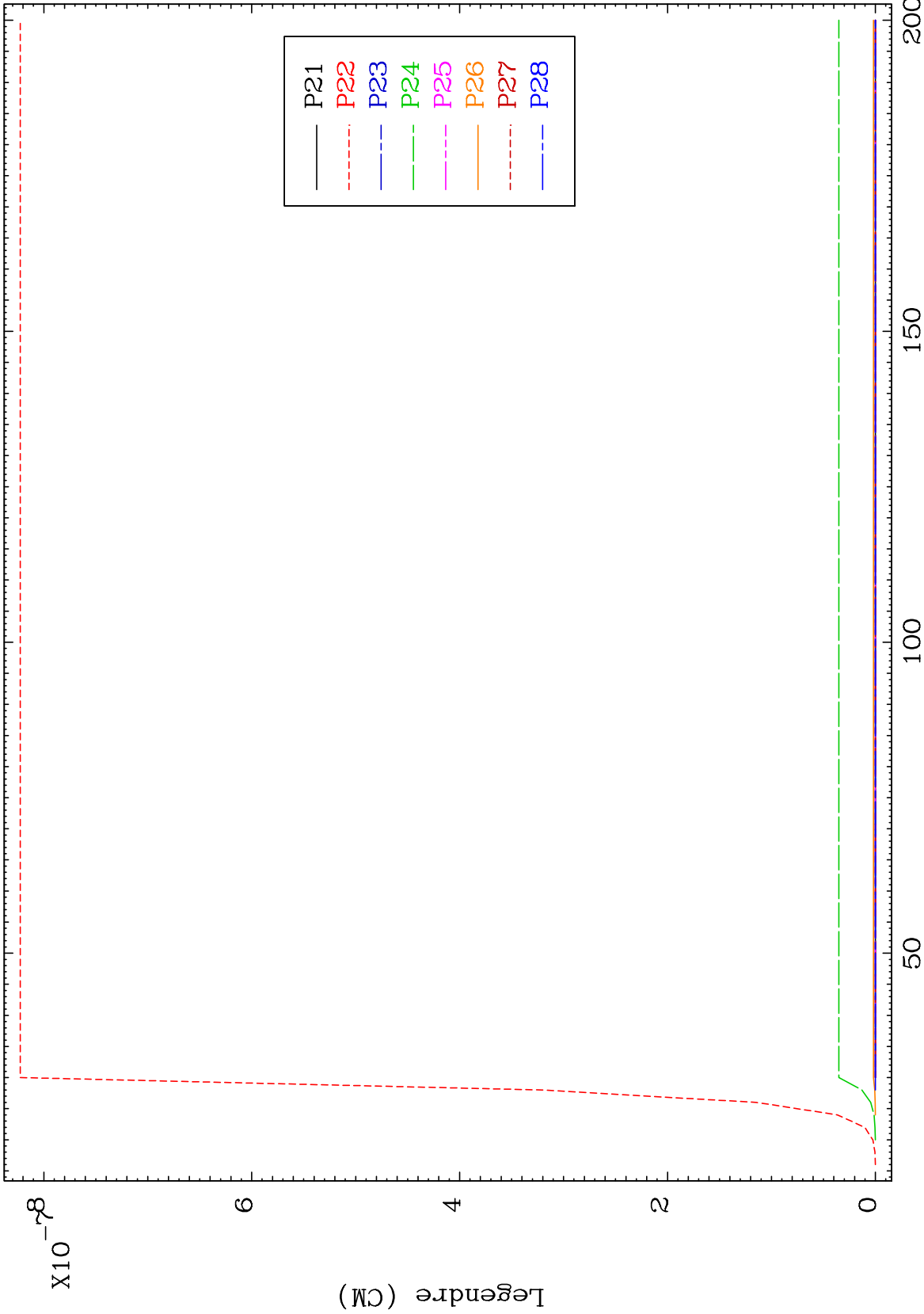
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



87

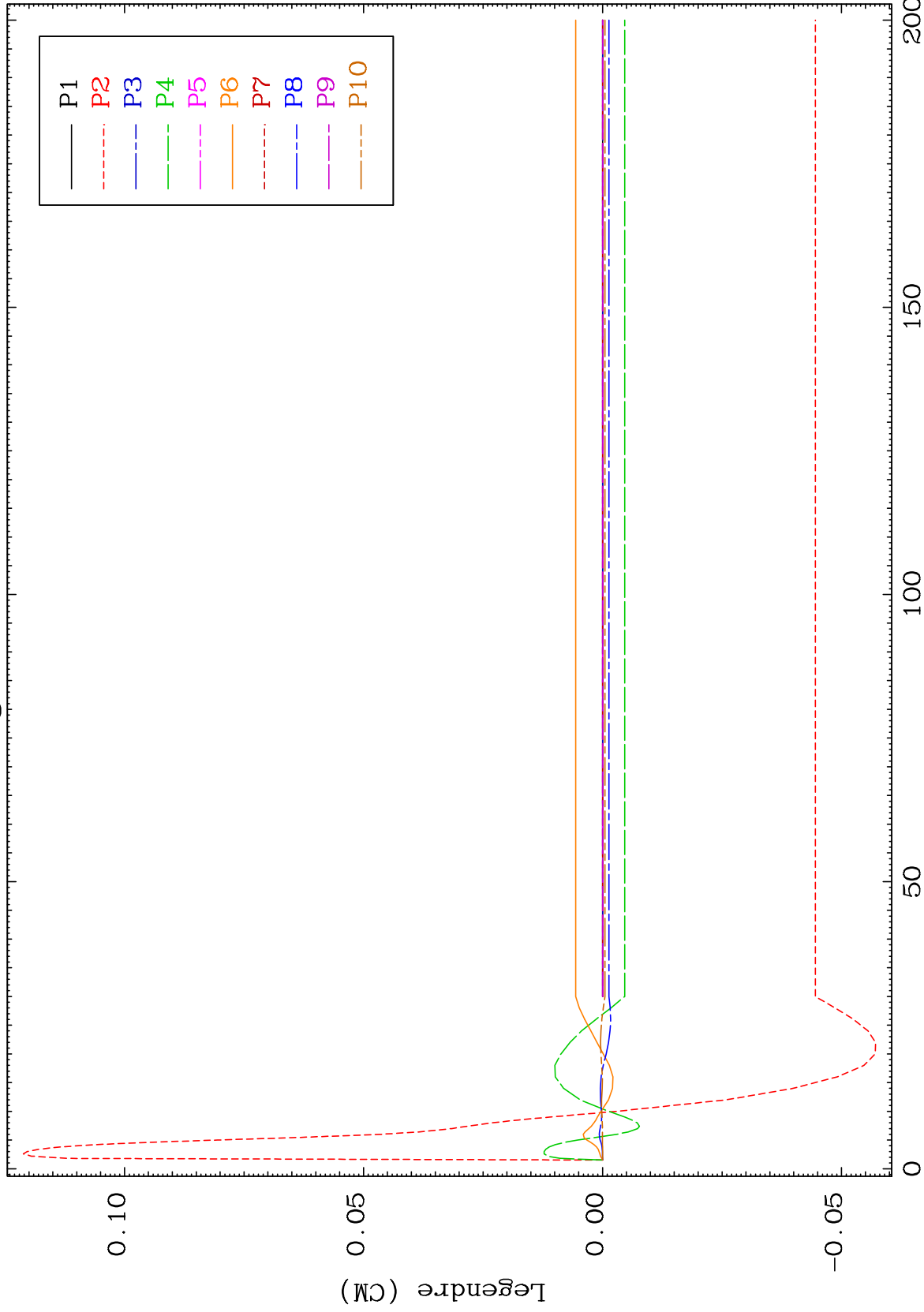
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



88

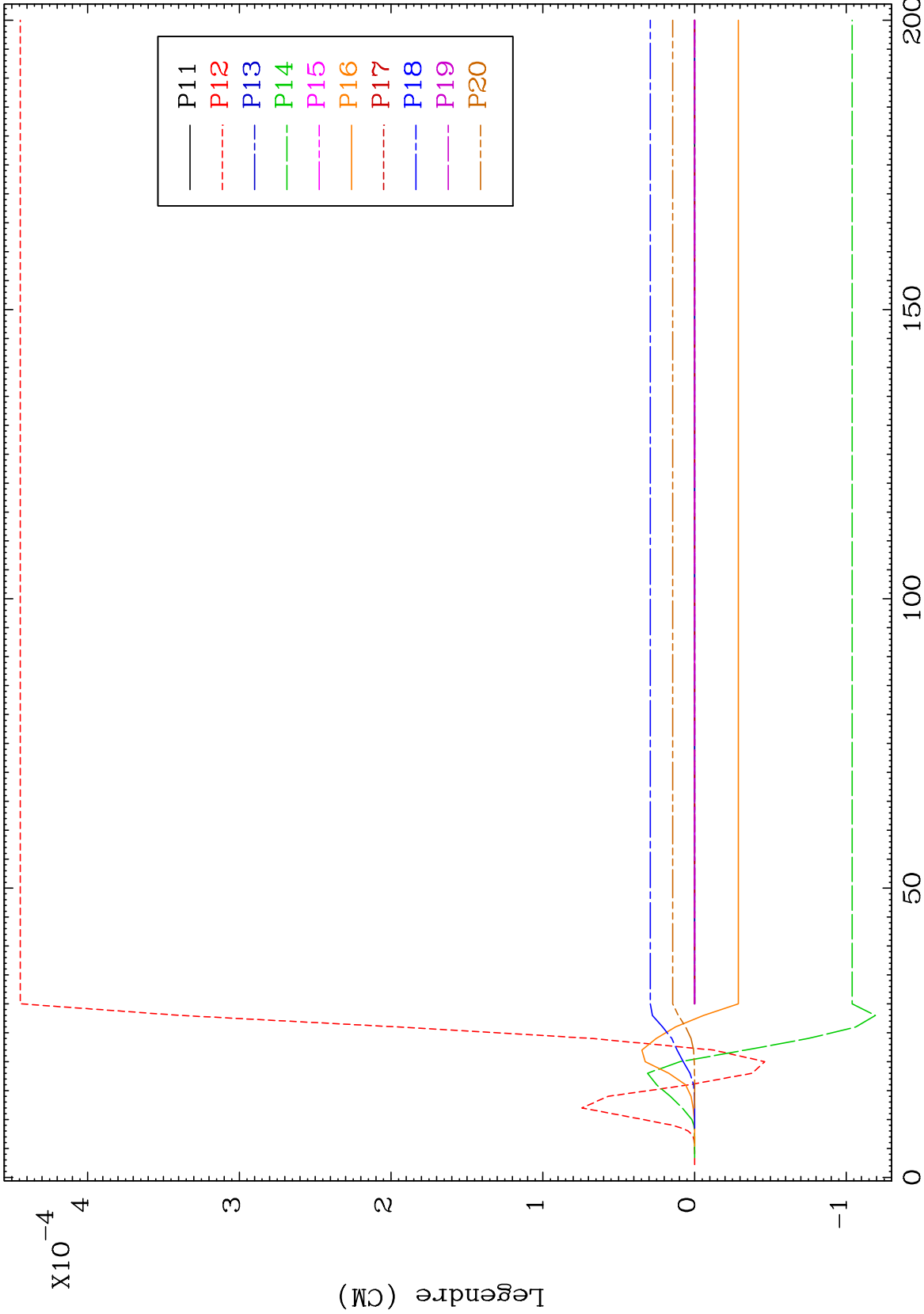
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184

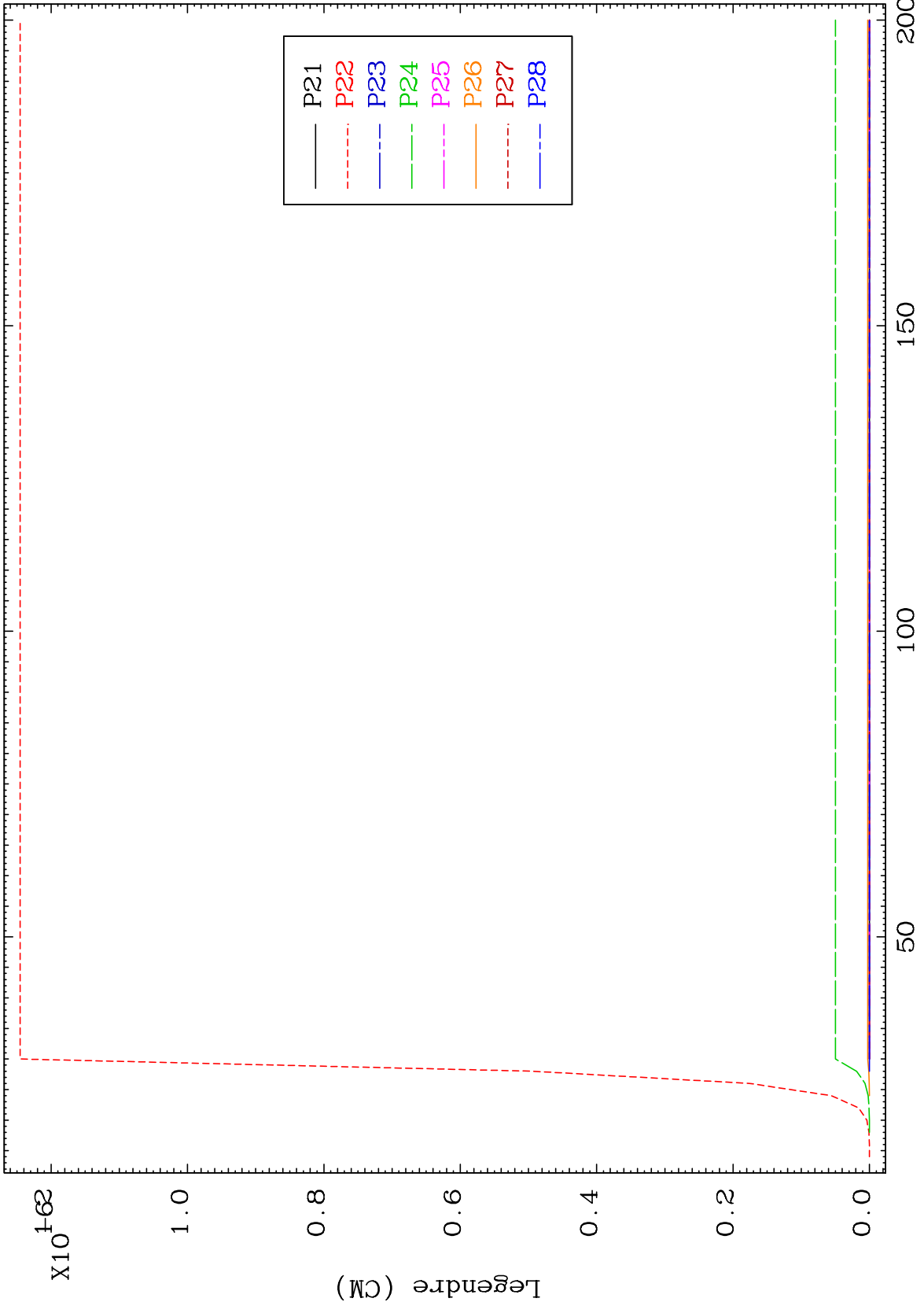


89

Incident Energy (MeV)

72-Hf-184

MAT 7255 MT= 70 (n,n') Level Legendre Coefficients 72-Hf-184

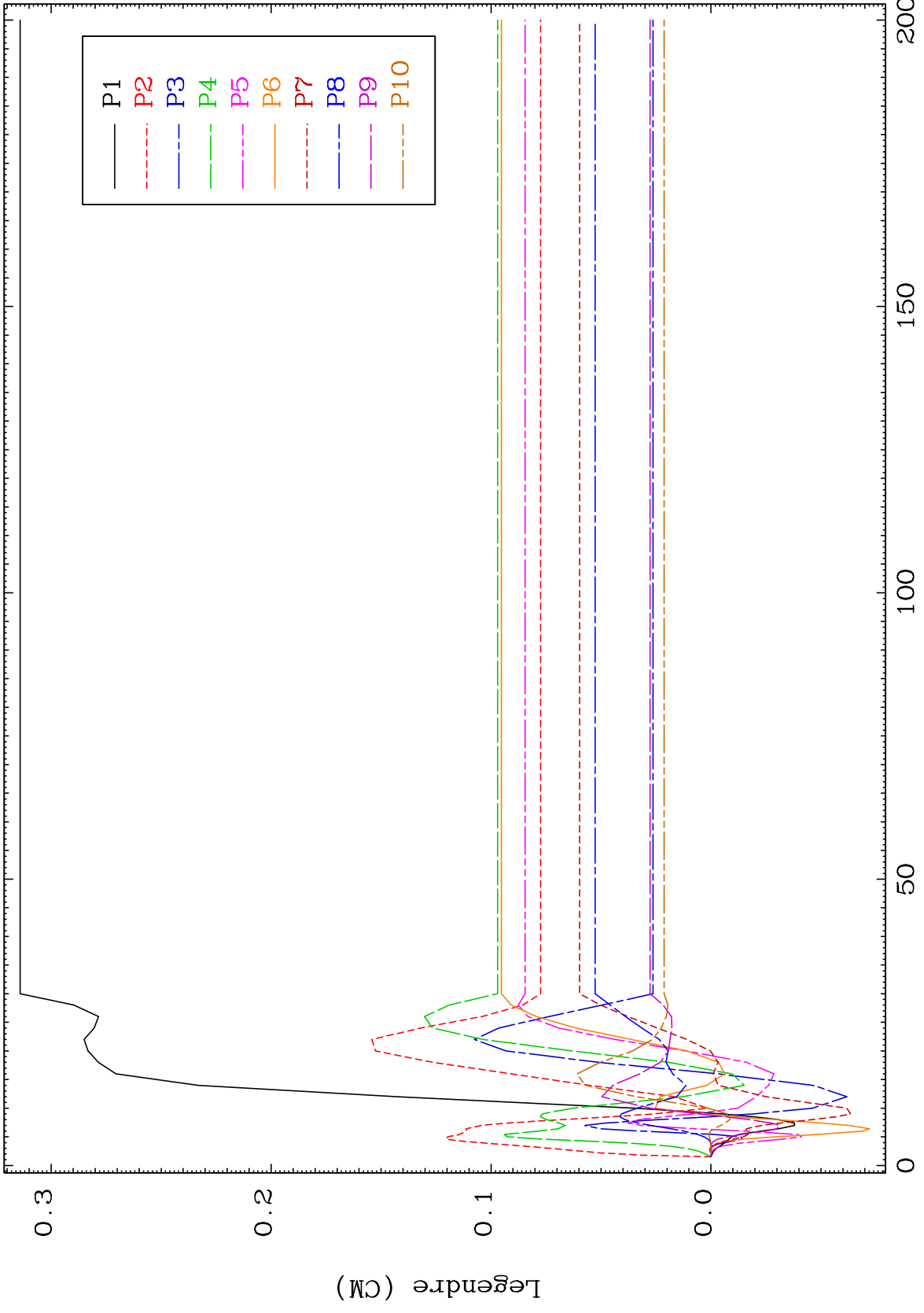


72-Hf-184

MAT 7255

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

72-Hf-184



91

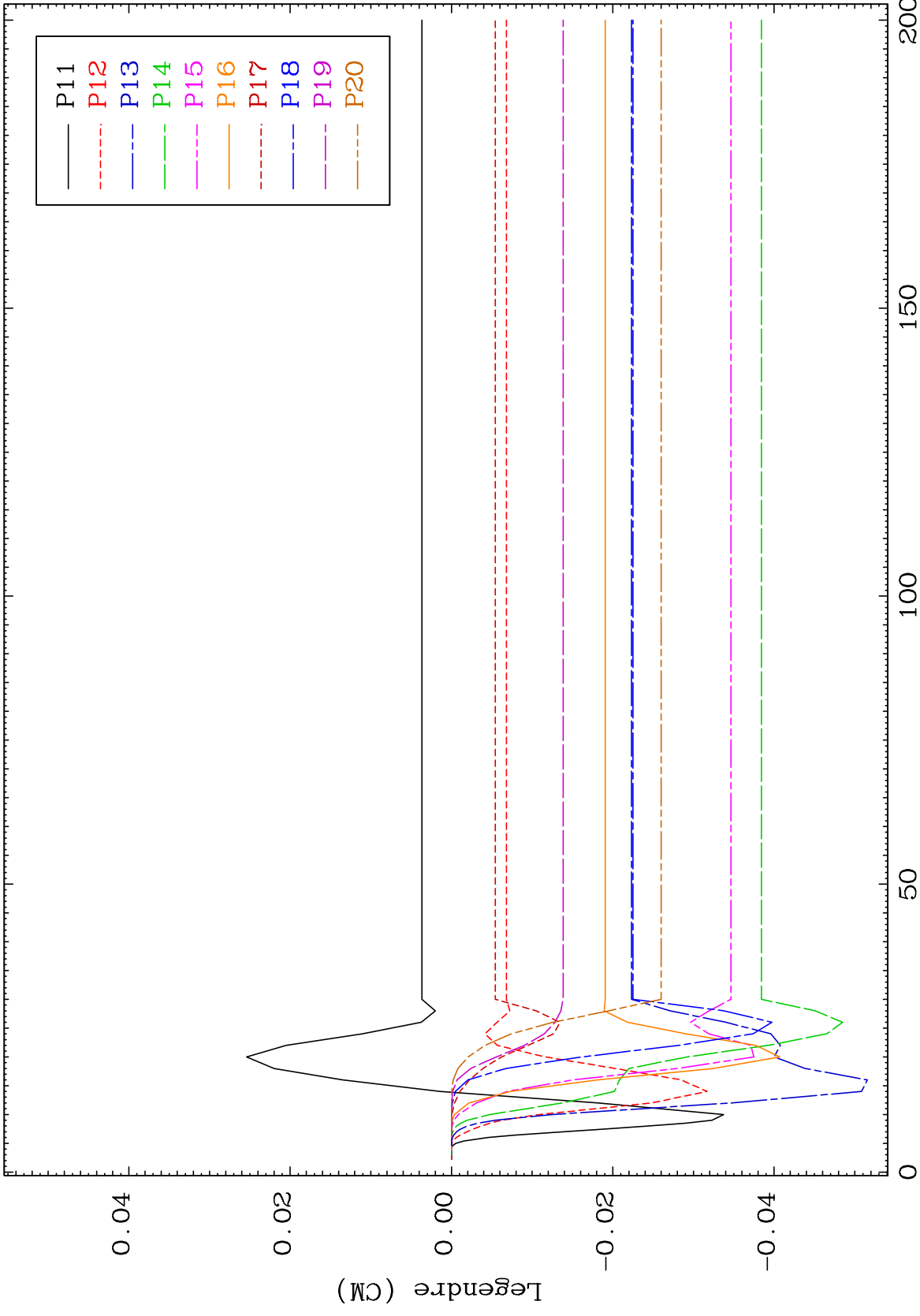
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184

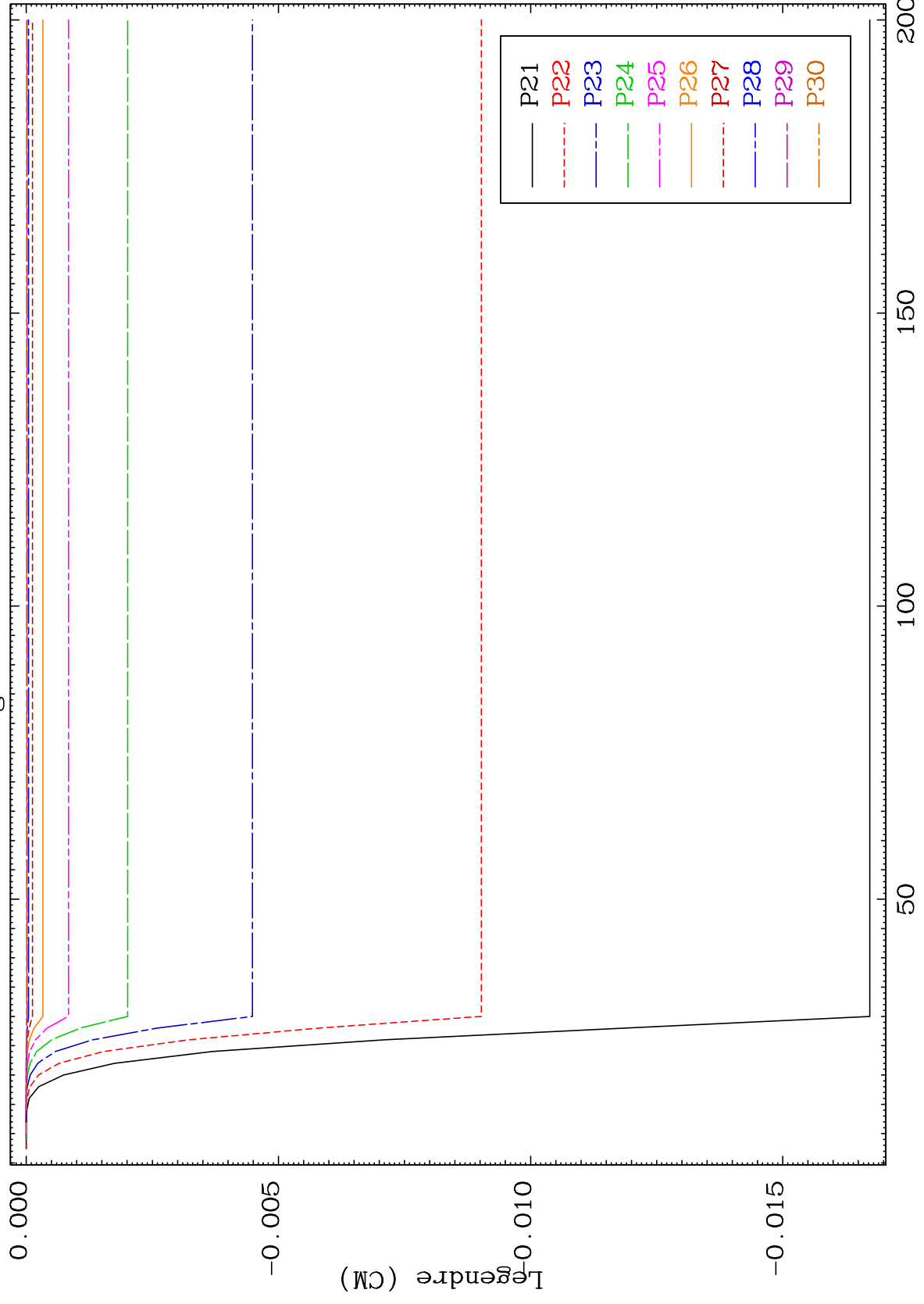


92

Incident Energy (MeV)

72-Hf-184

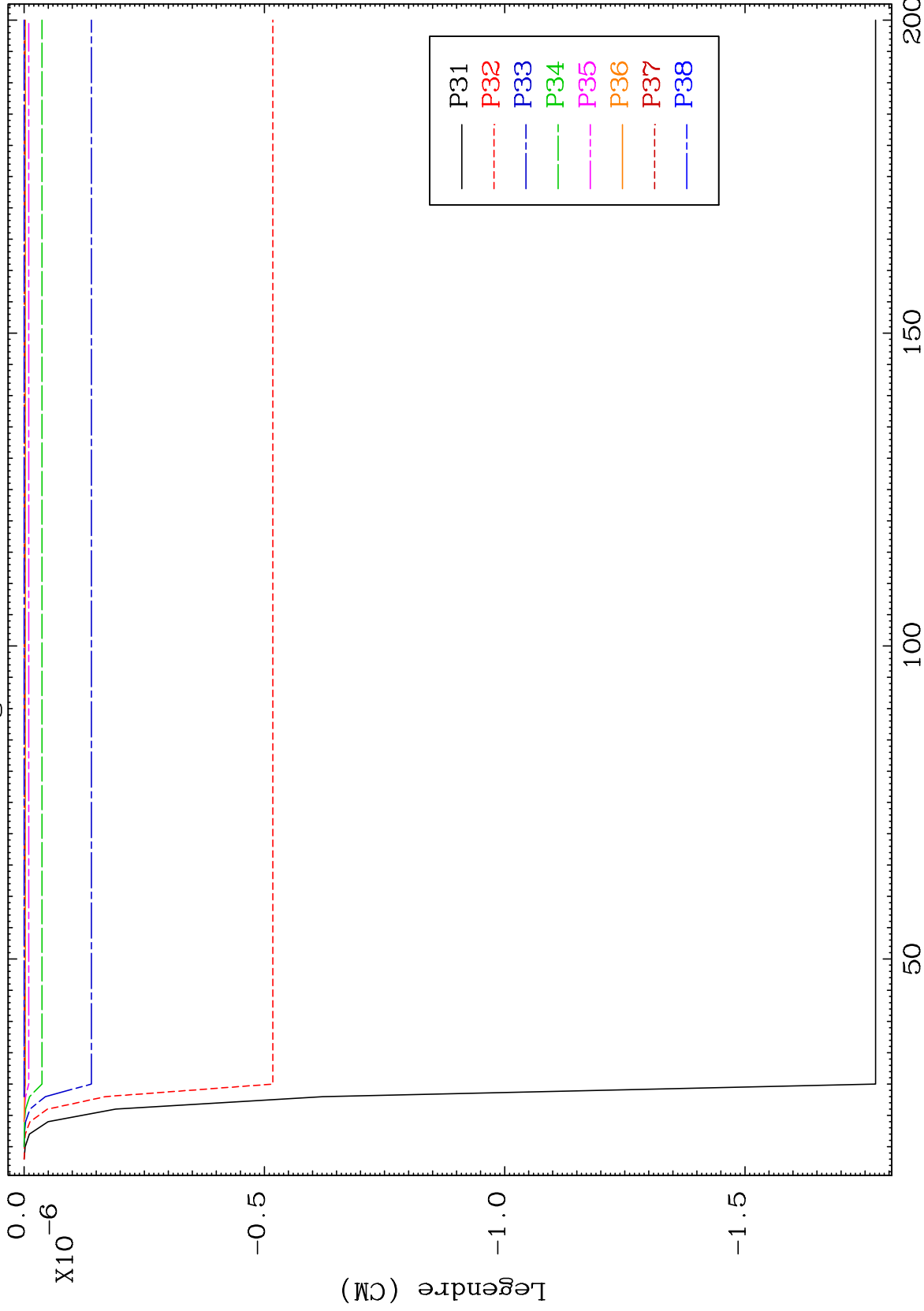
MAT 7255 MT= 71 (n,n') Level Legendre Coefficients 72-Hf-184



MAT 7255

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

72-Hf-184



72-Hf-184

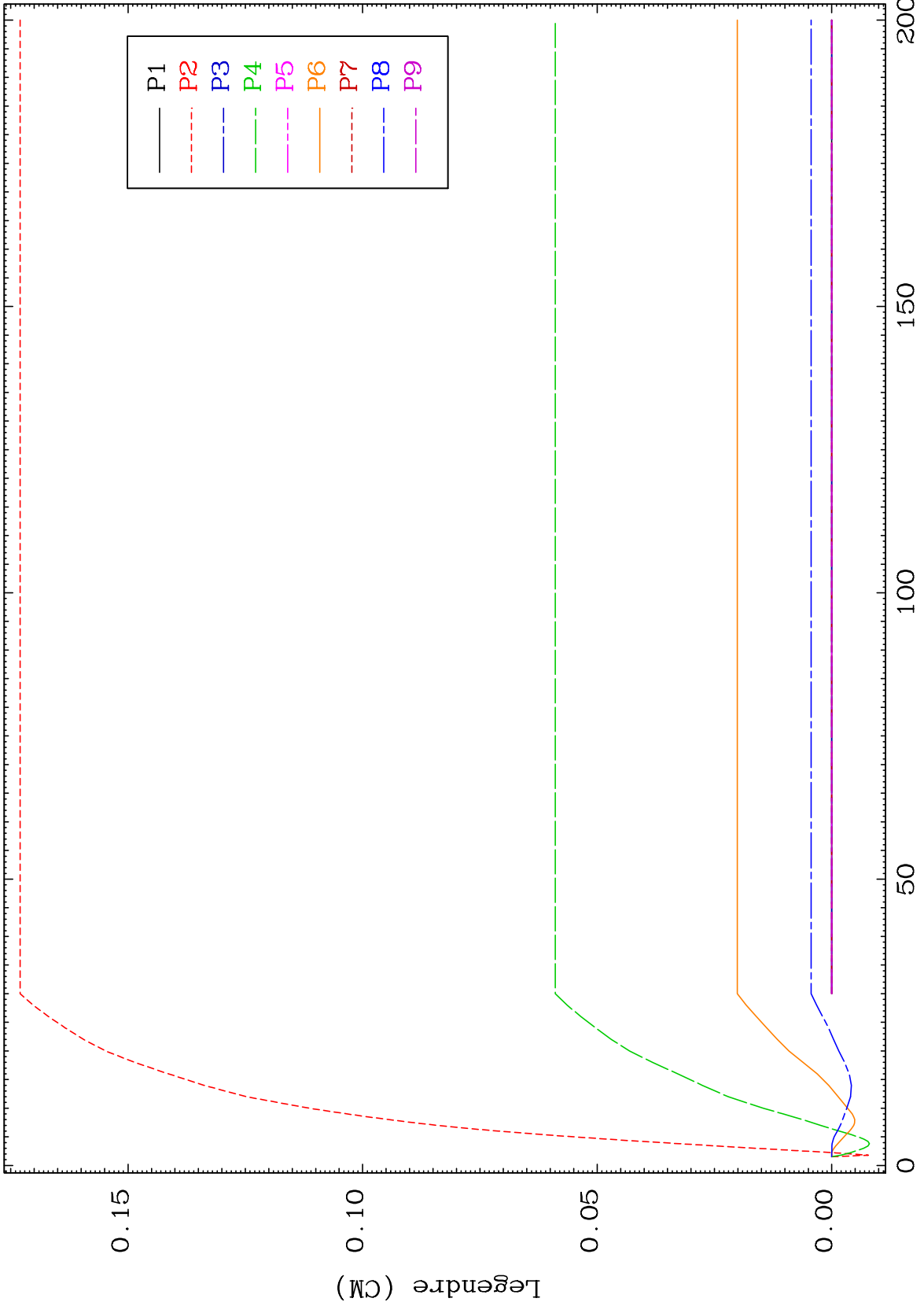
Incident Energy (MeV)

94

MAT 7255

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

72-Hf-184



95

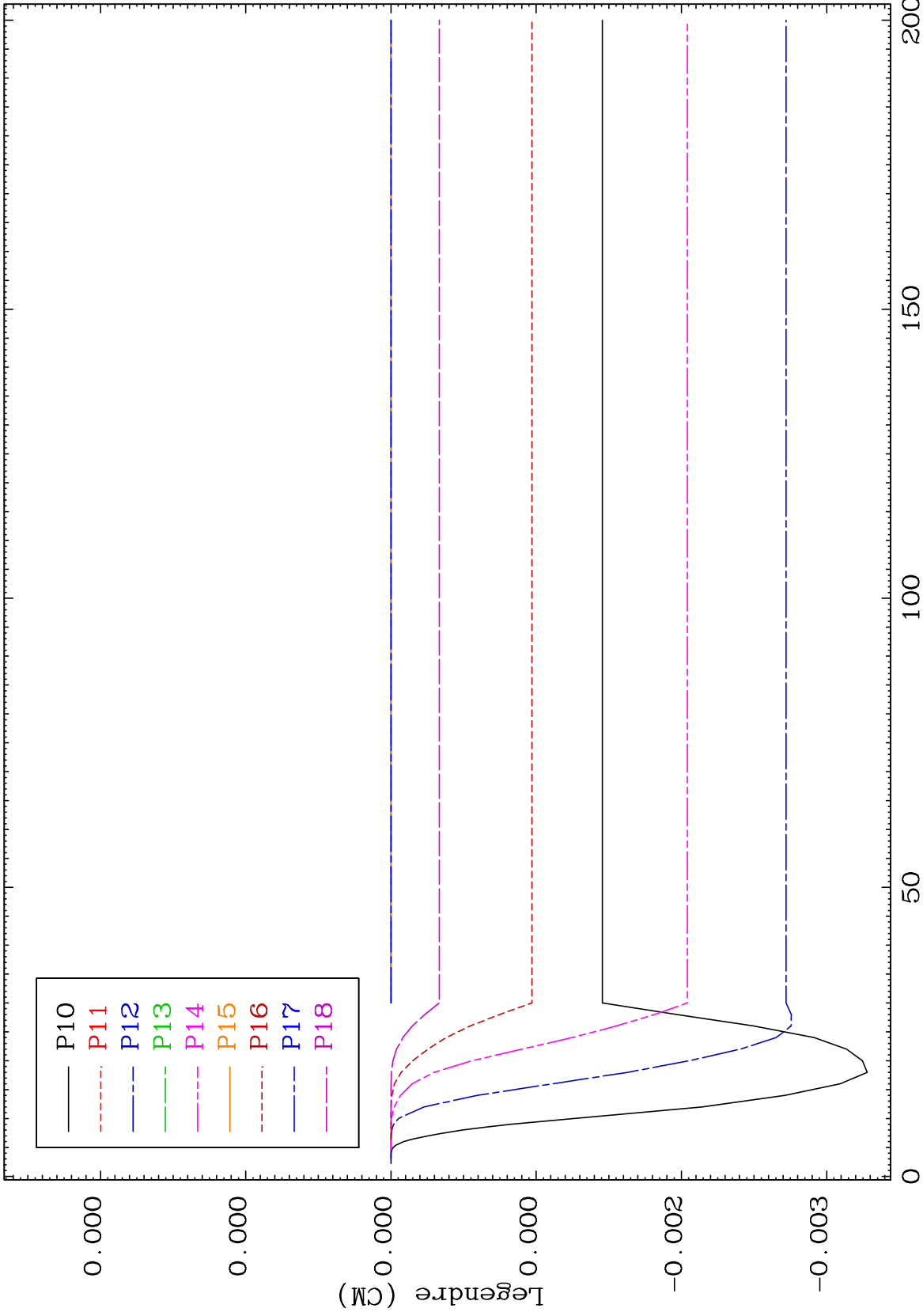
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184

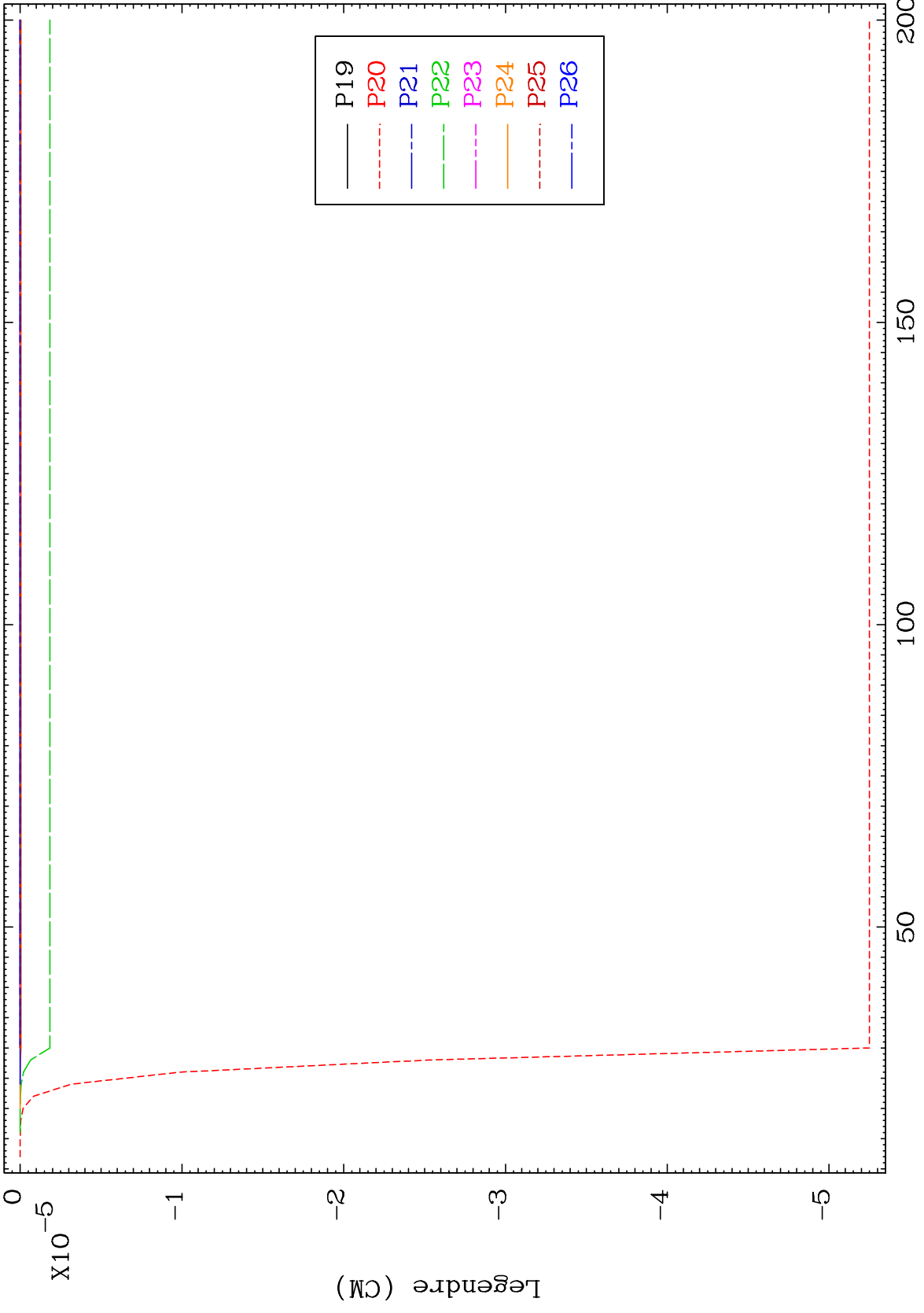


96

Incident Energy (MeV)

72-Hf-184

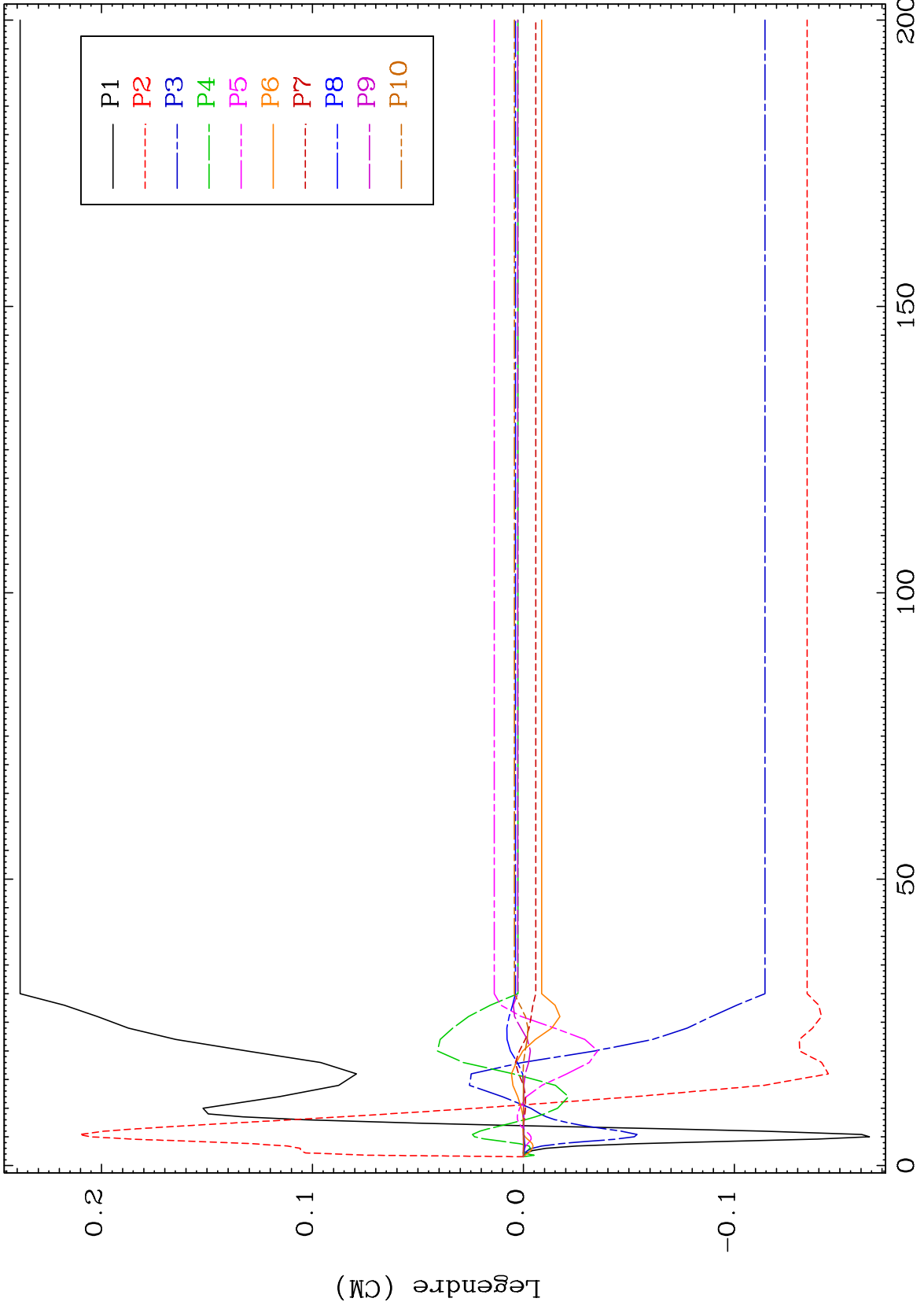
MAT 7255 MT= 72 (n,n') Level Legendre Coefficients 72-Hf-184



MAT 7255

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

72-Hf-184



98

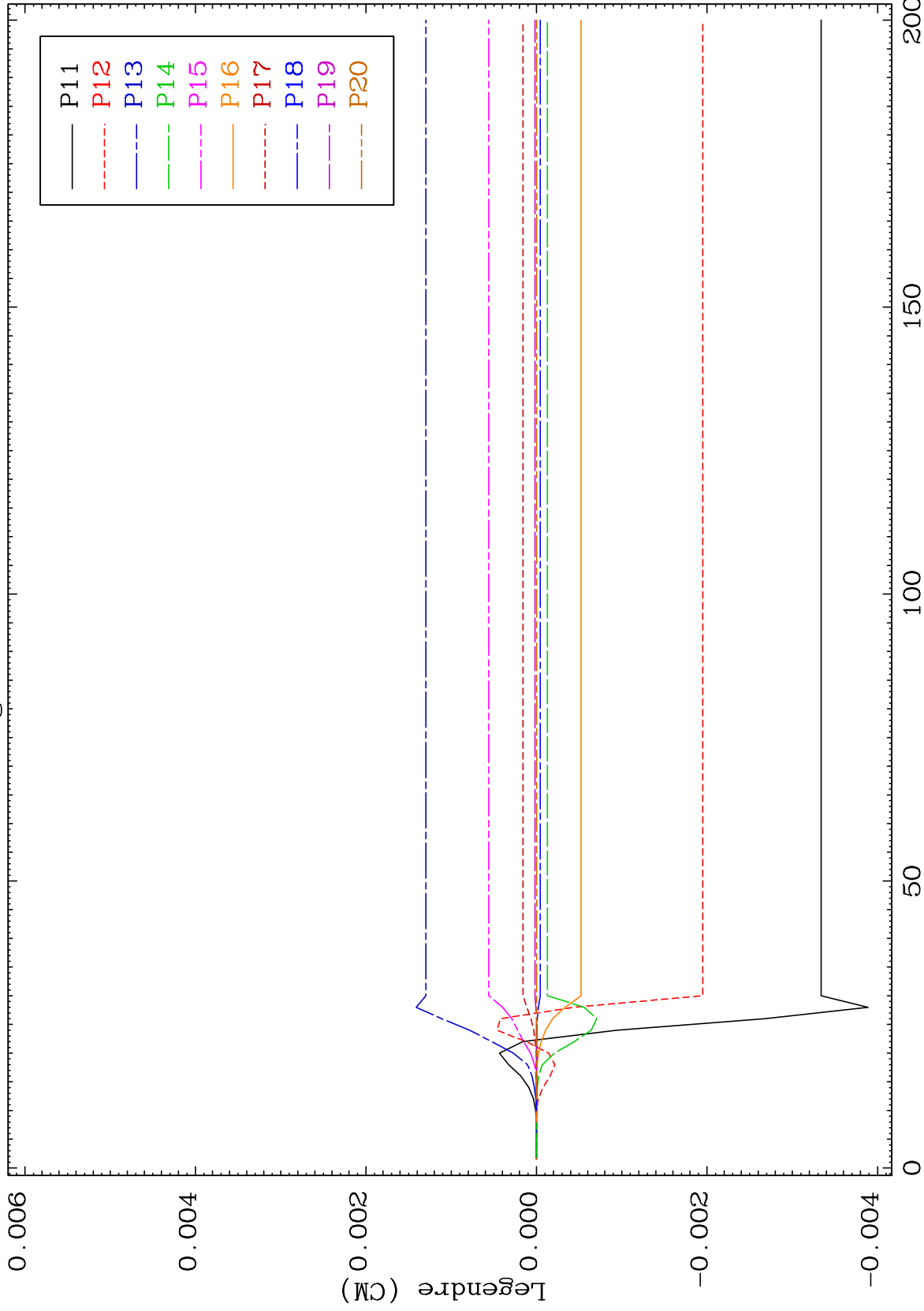
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184

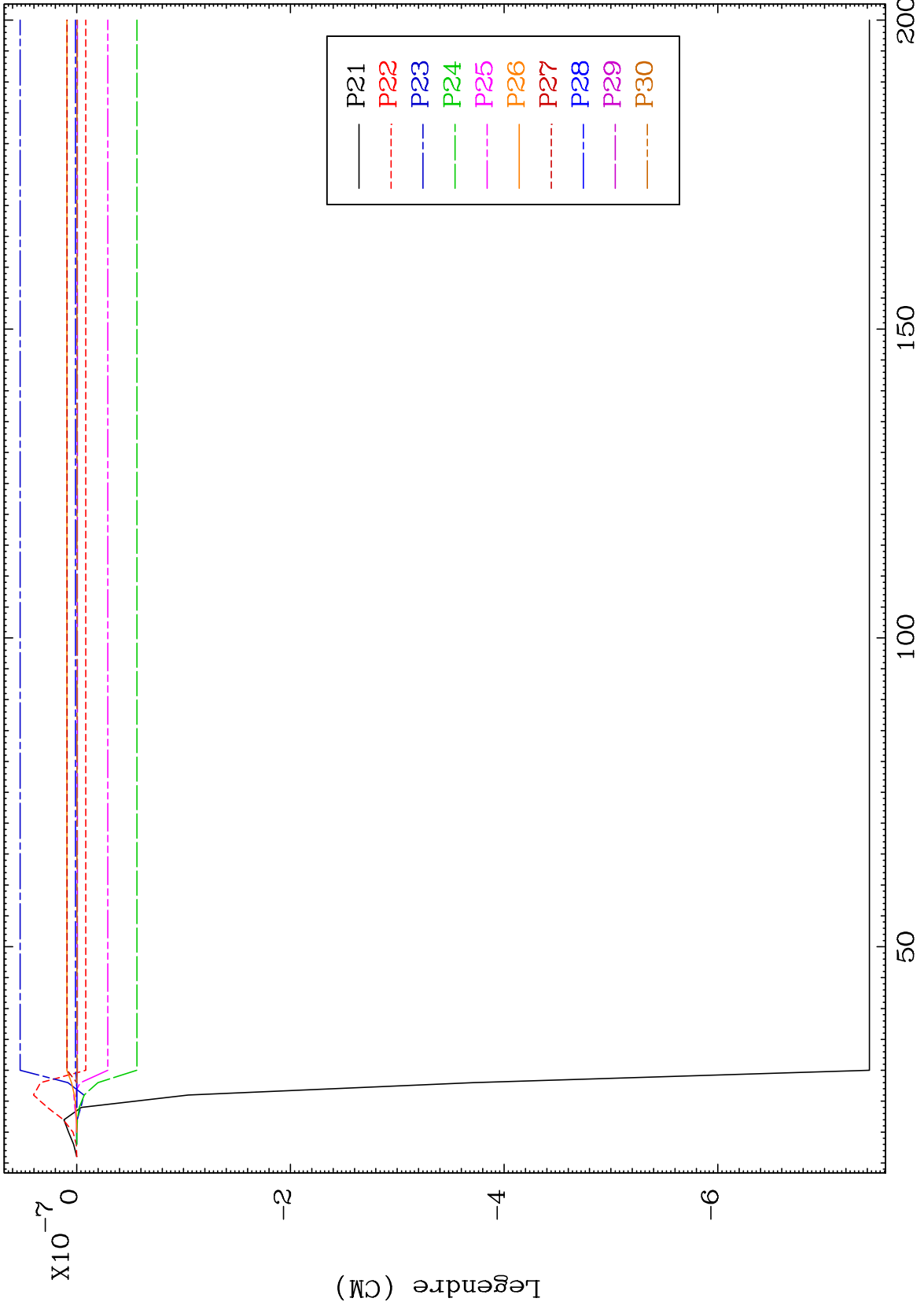


99

Incident Energy (MeV)

72-Hf-184

MAT 7255 MT= 73 (n,n') Level Legendre Coefficients 72-Hf-184

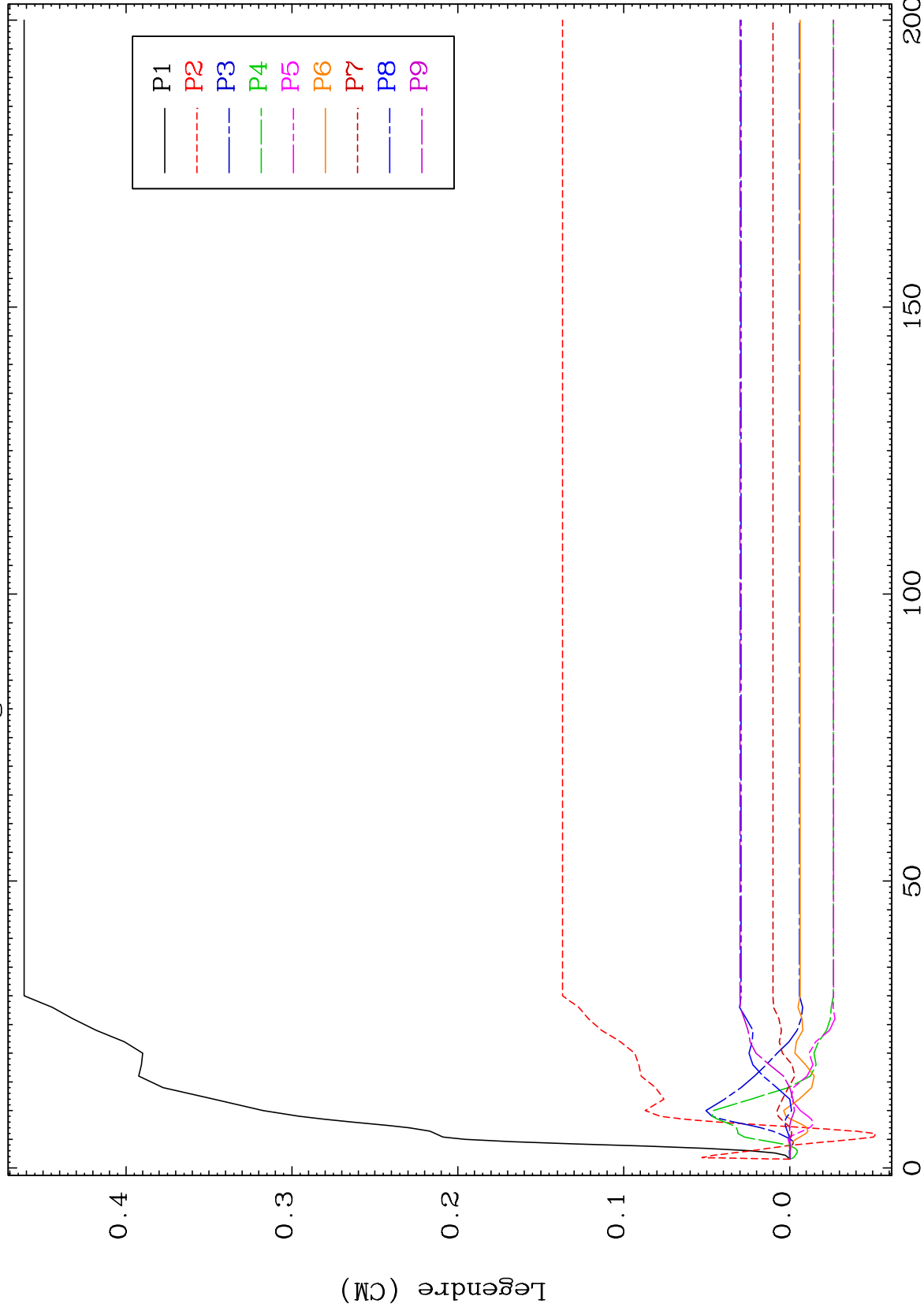


100 Incident Energy (MeV) 72-Hf-184

MAT 7255

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

72-Hf-184



72-Hf-184

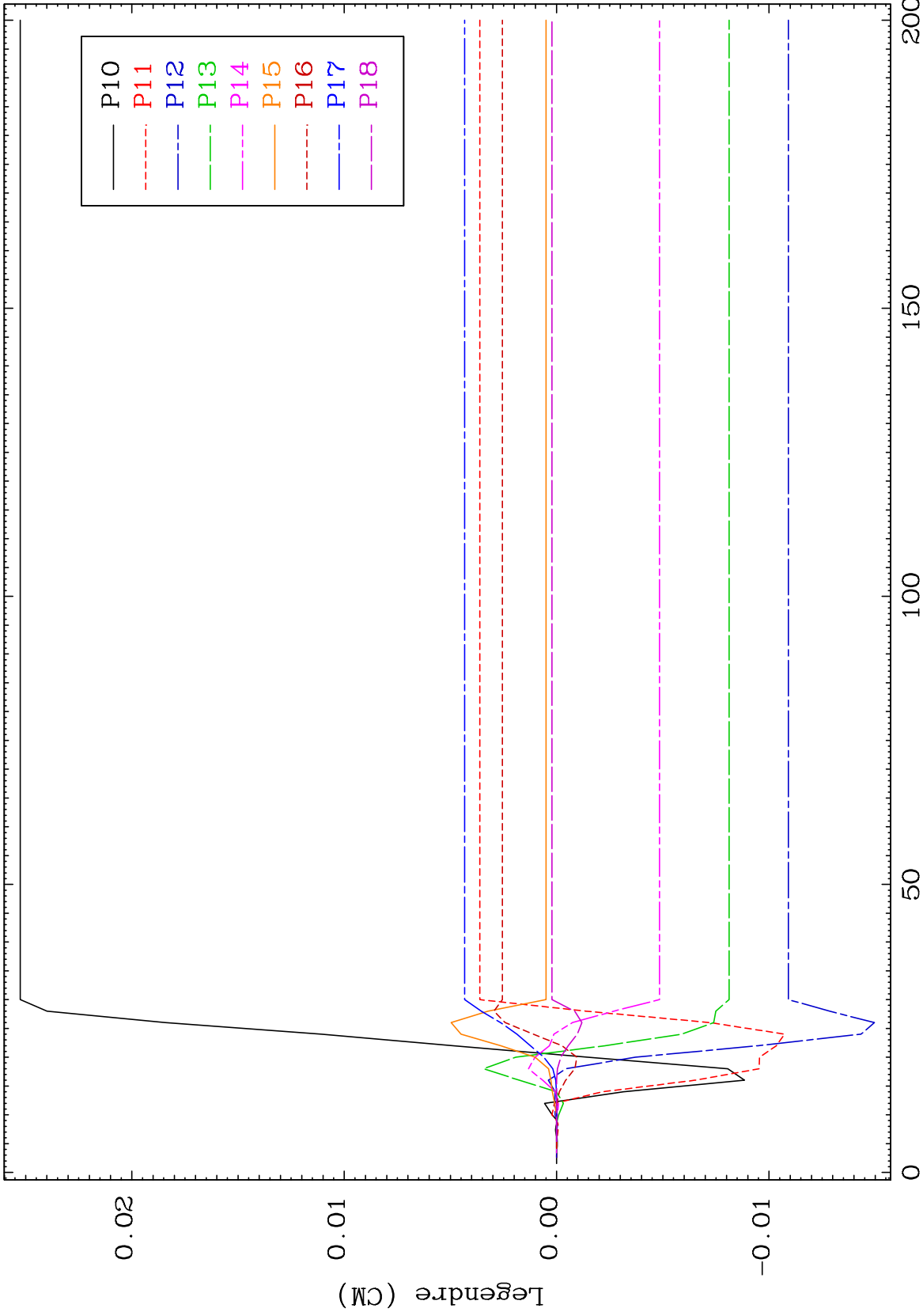
Incident Energy (MeV)

101

MAT 7255

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

72-Hf-184



102

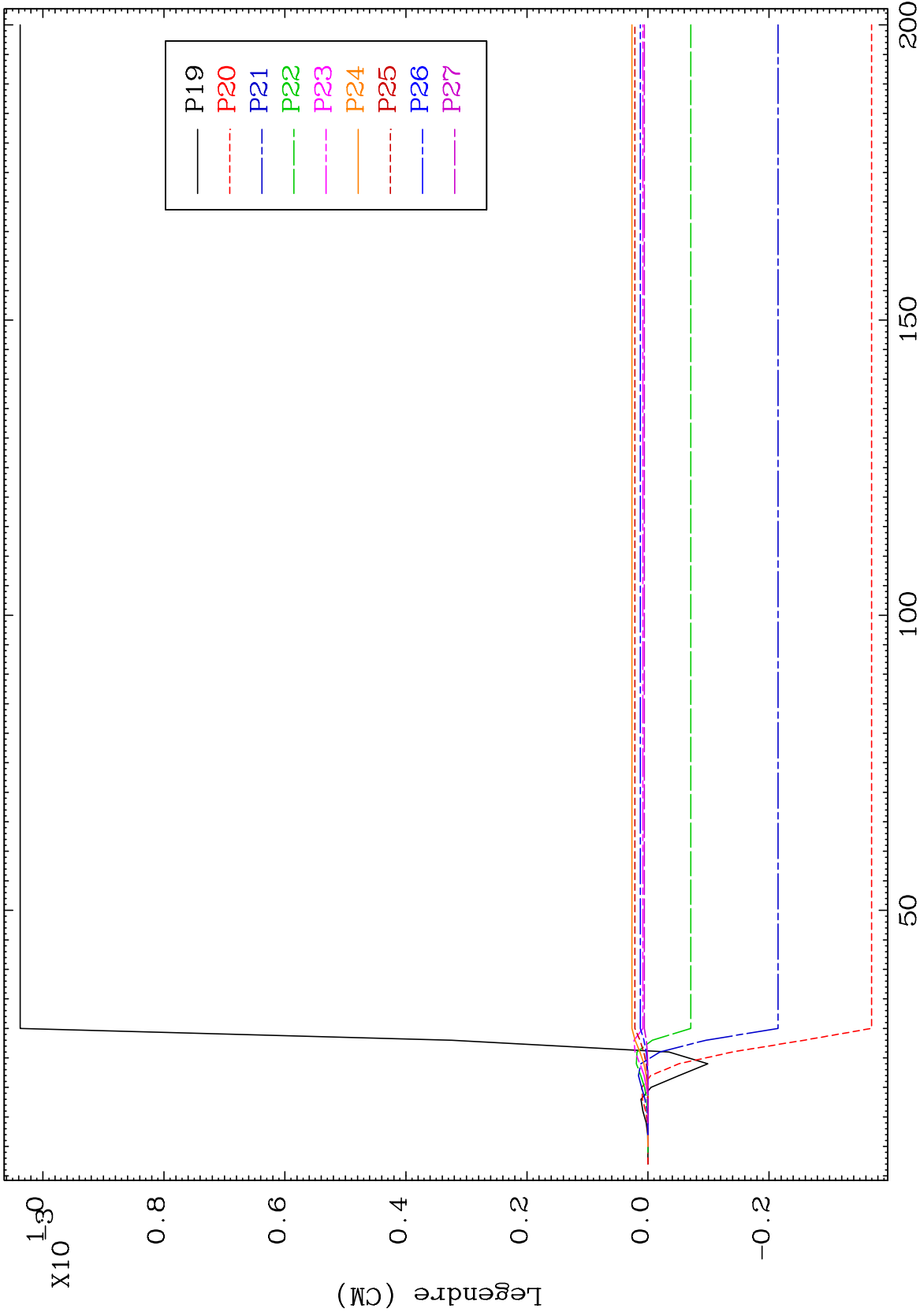
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



103

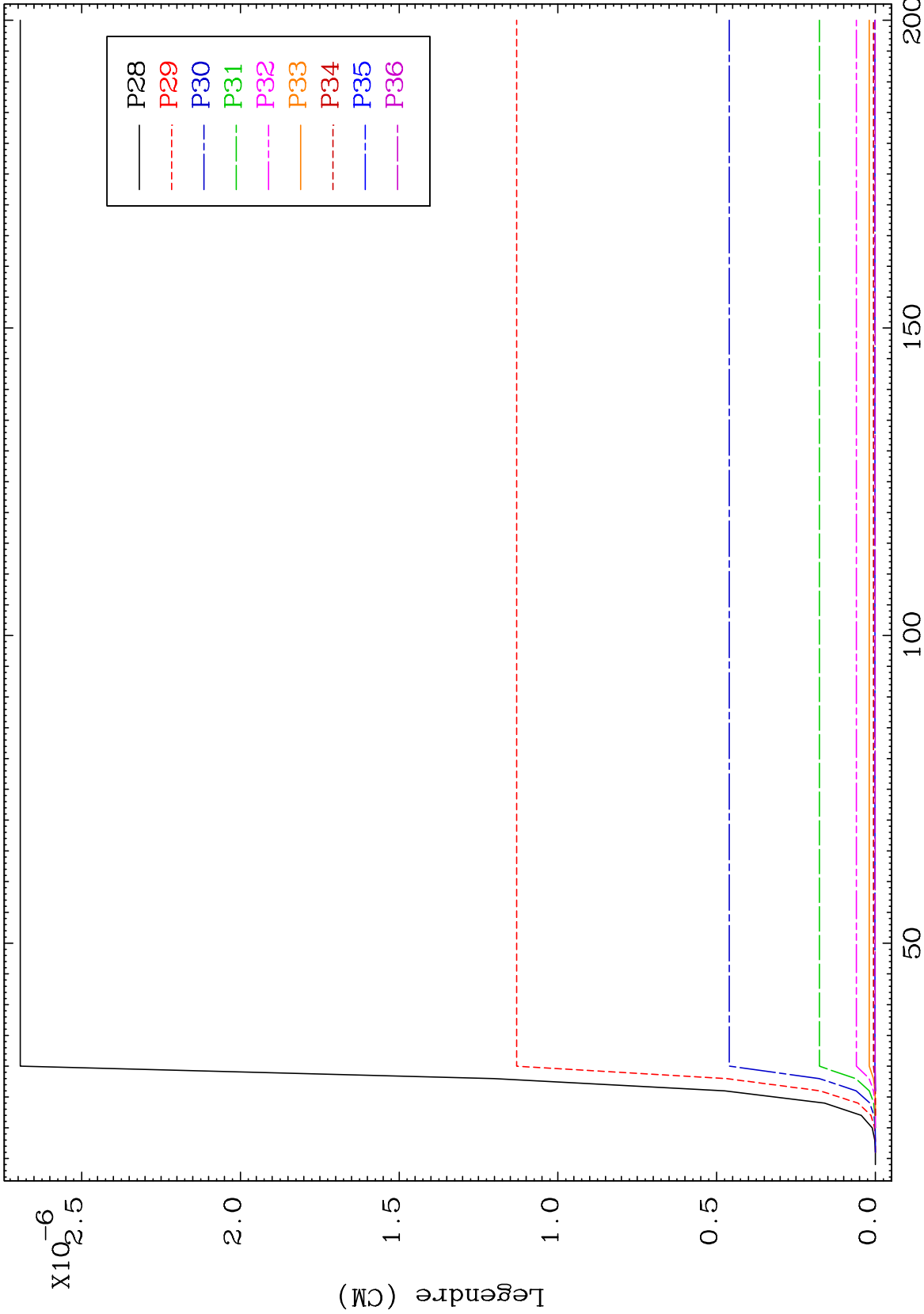
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



104

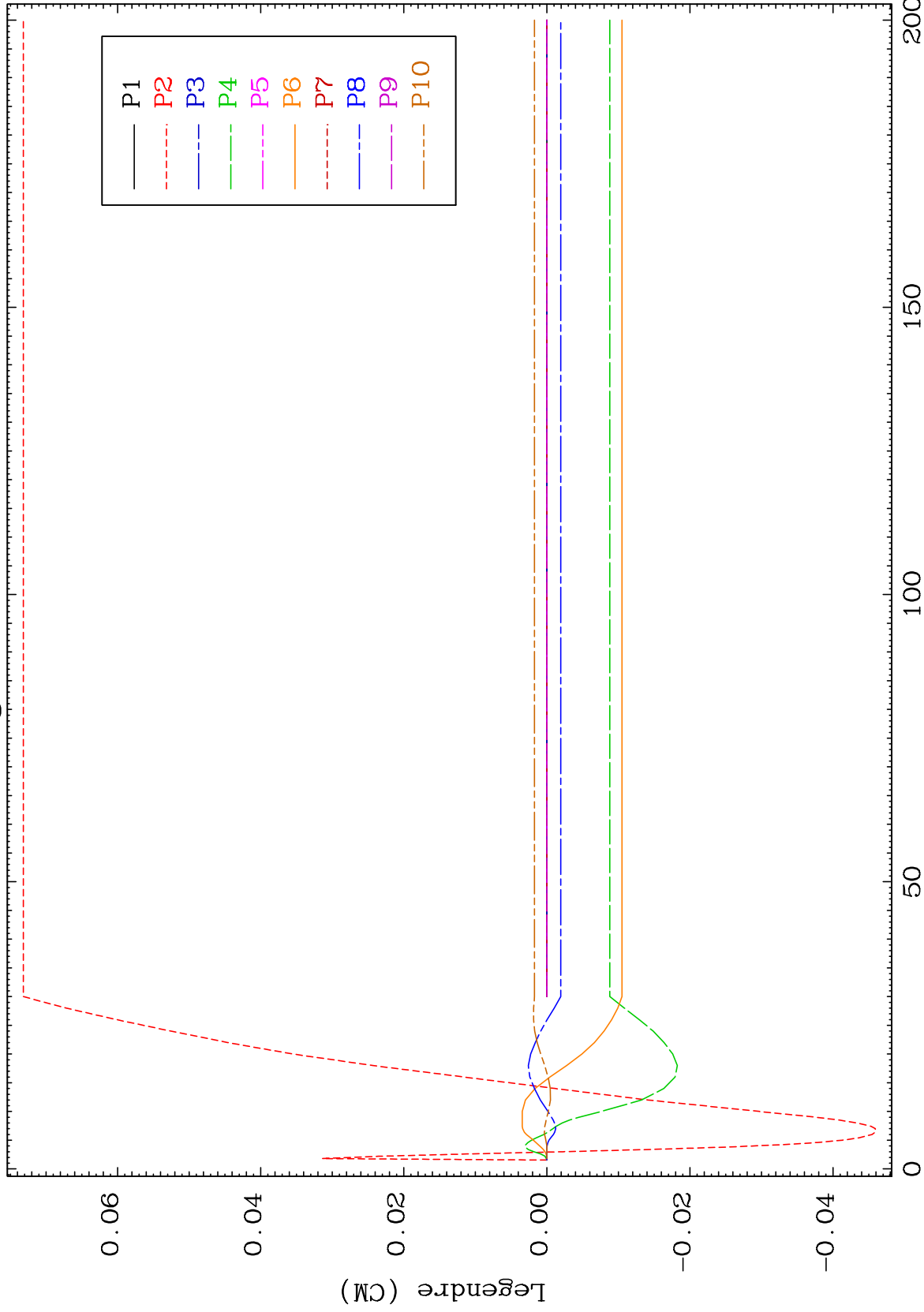
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



72-Hf-184

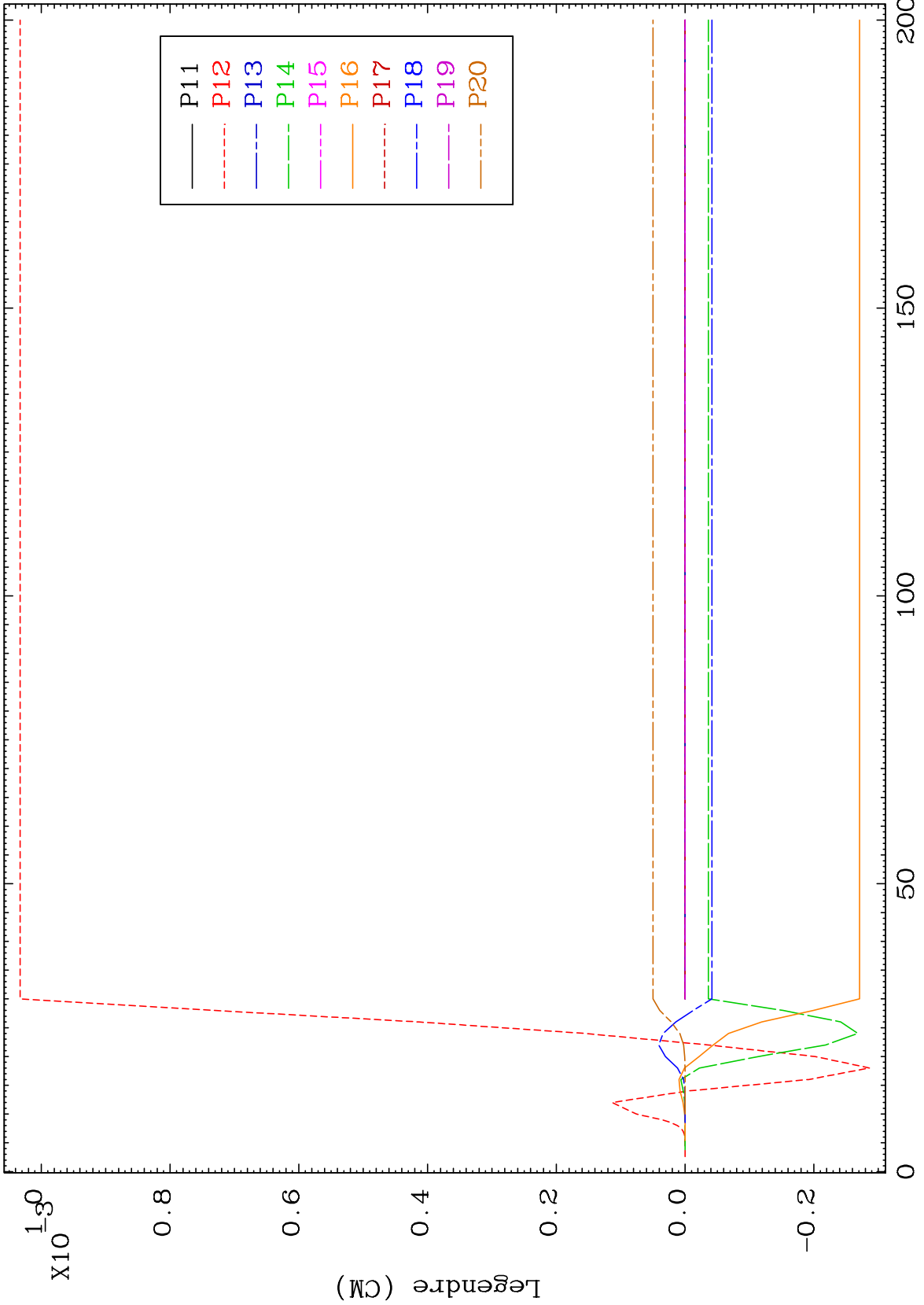
Incident Energy (MeV)

105

MAT 7255

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

72-Hf-184



106

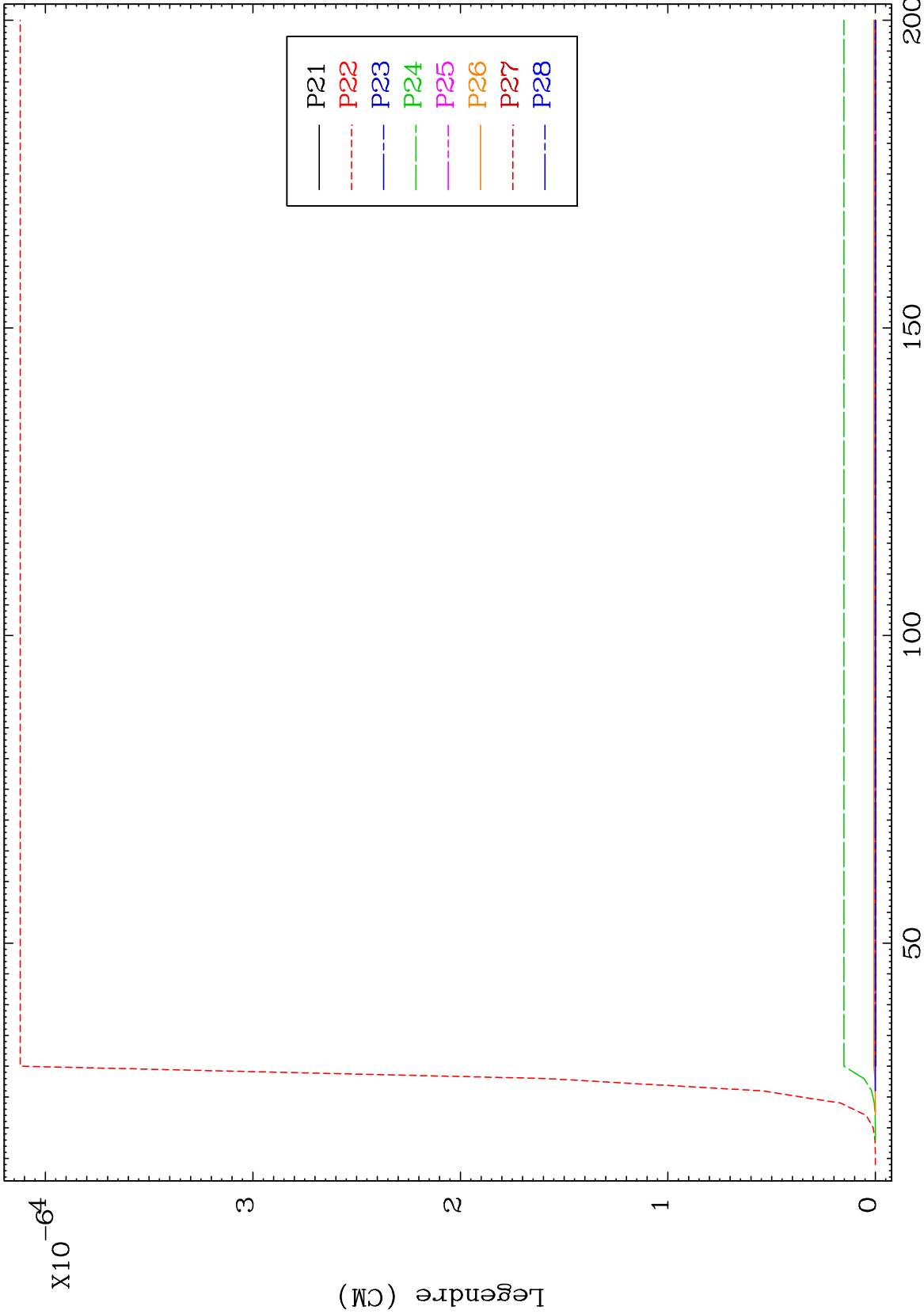
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



107

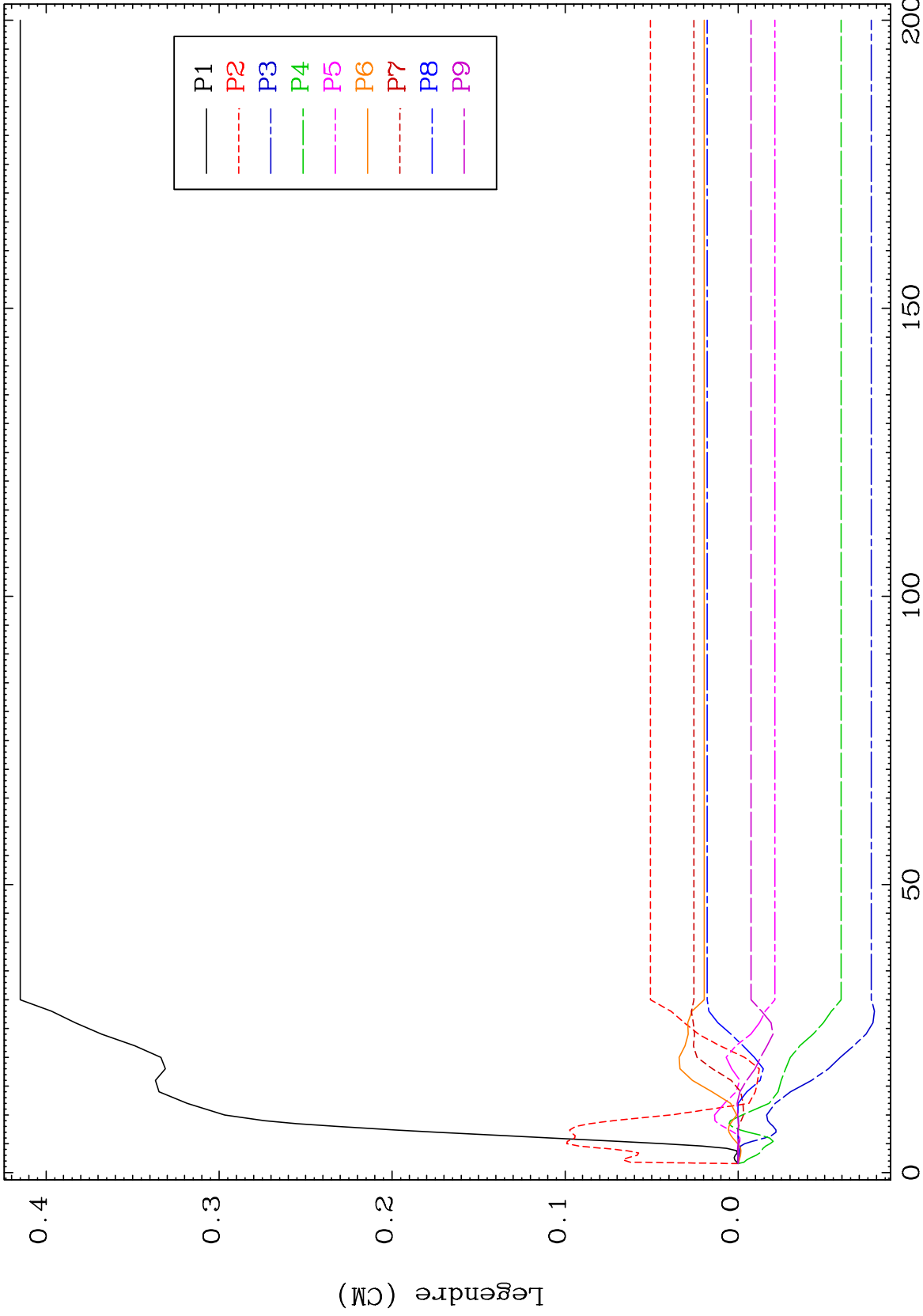
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



108

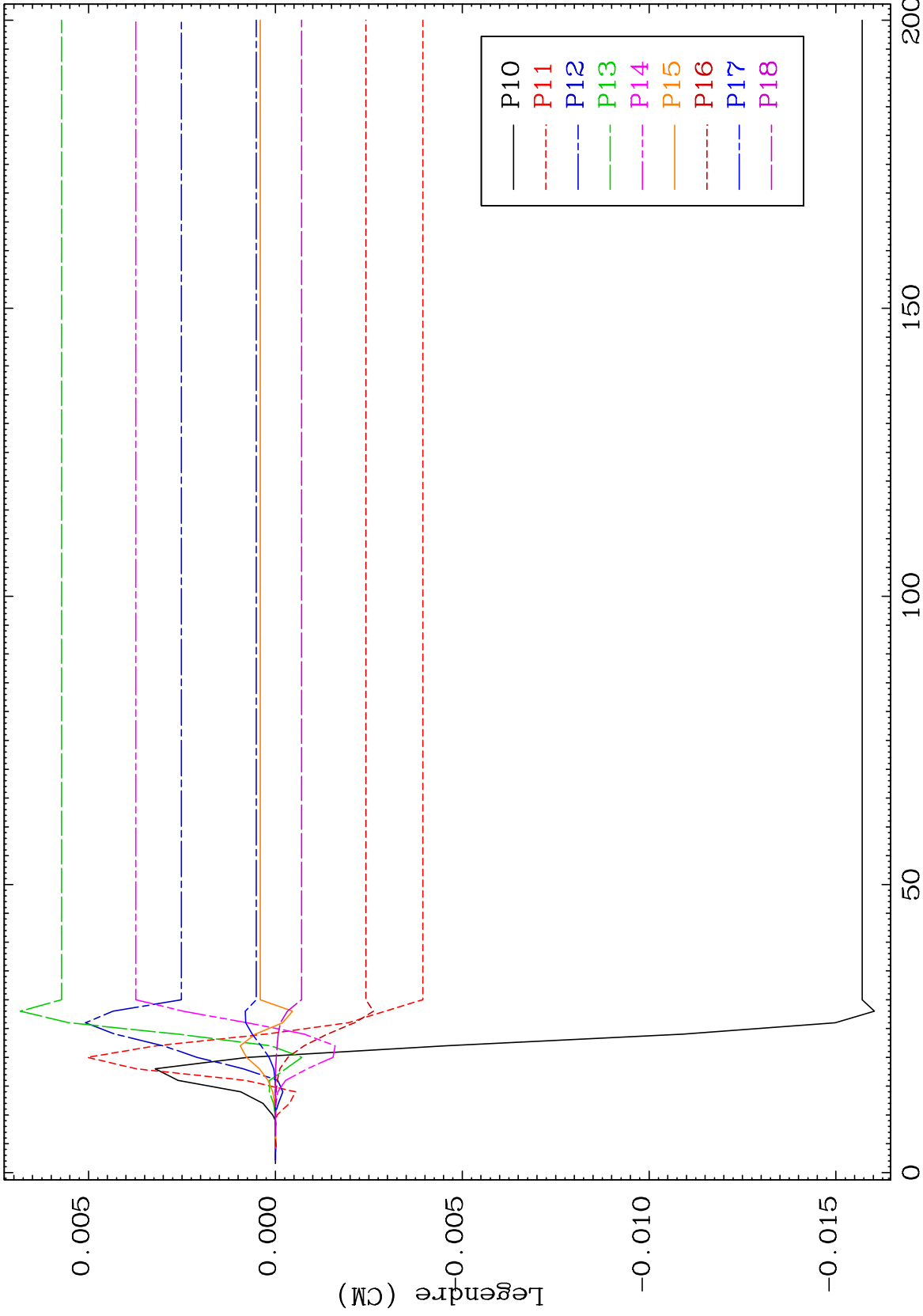
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



109

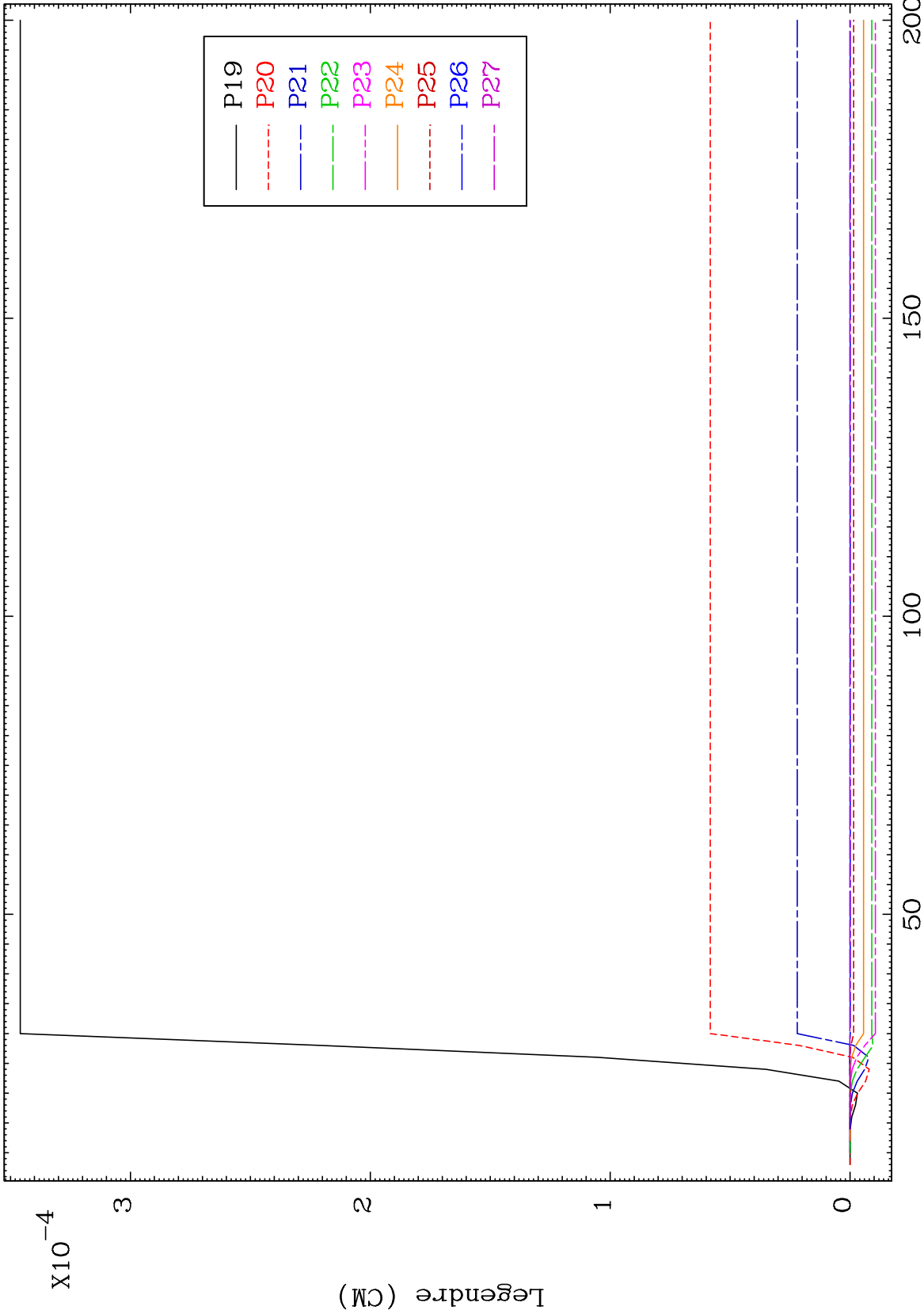
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



110

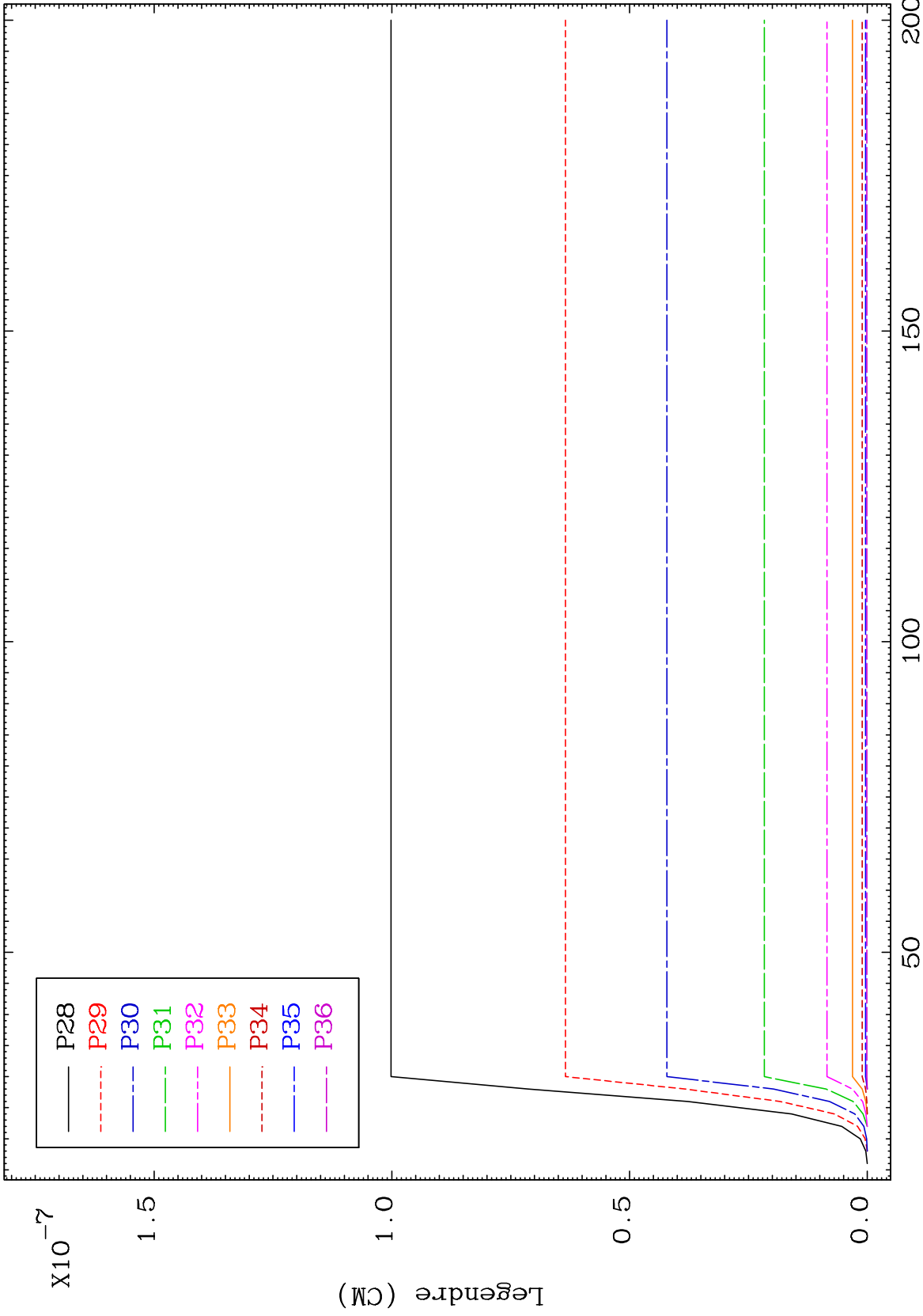
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



111

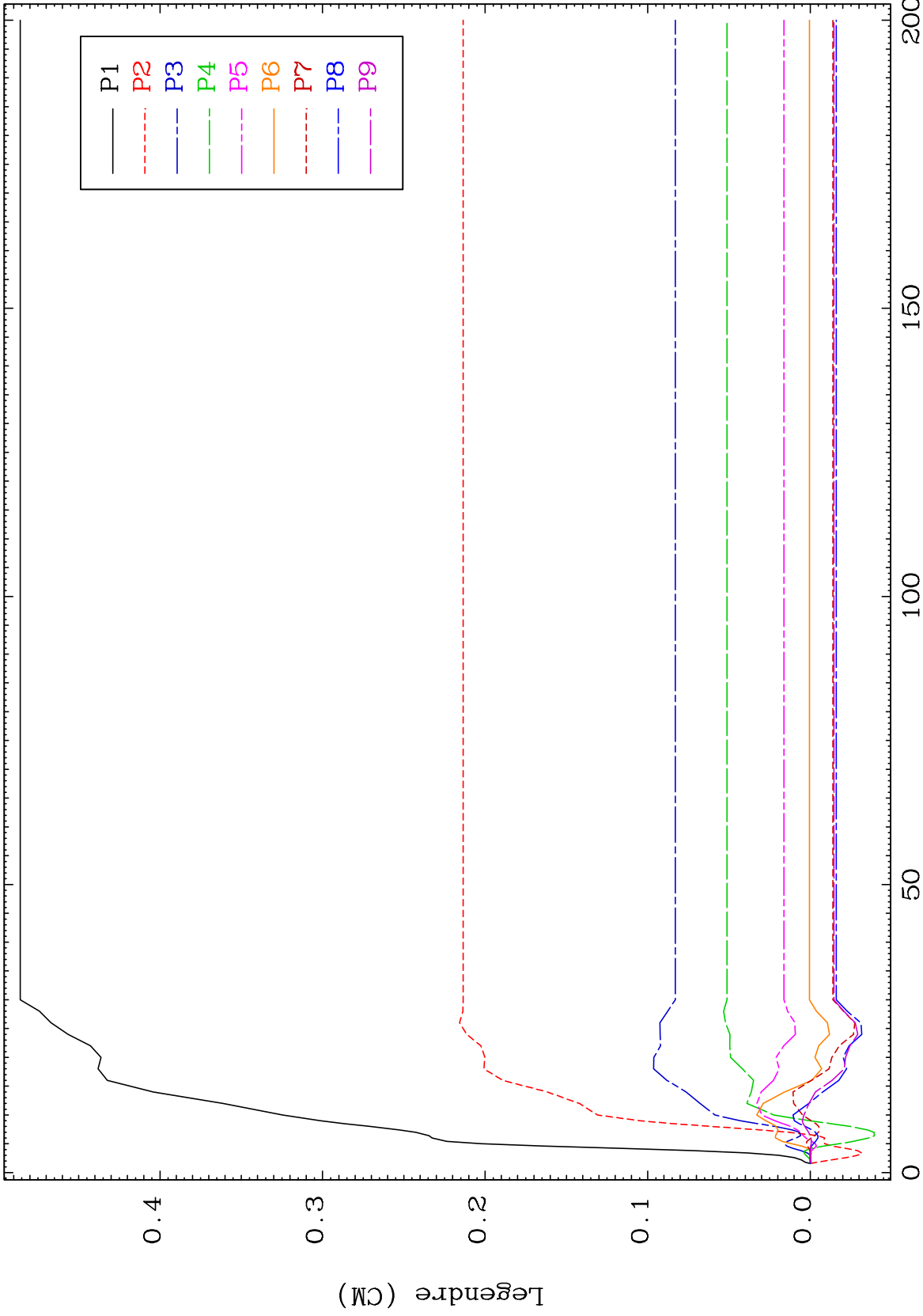
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



112

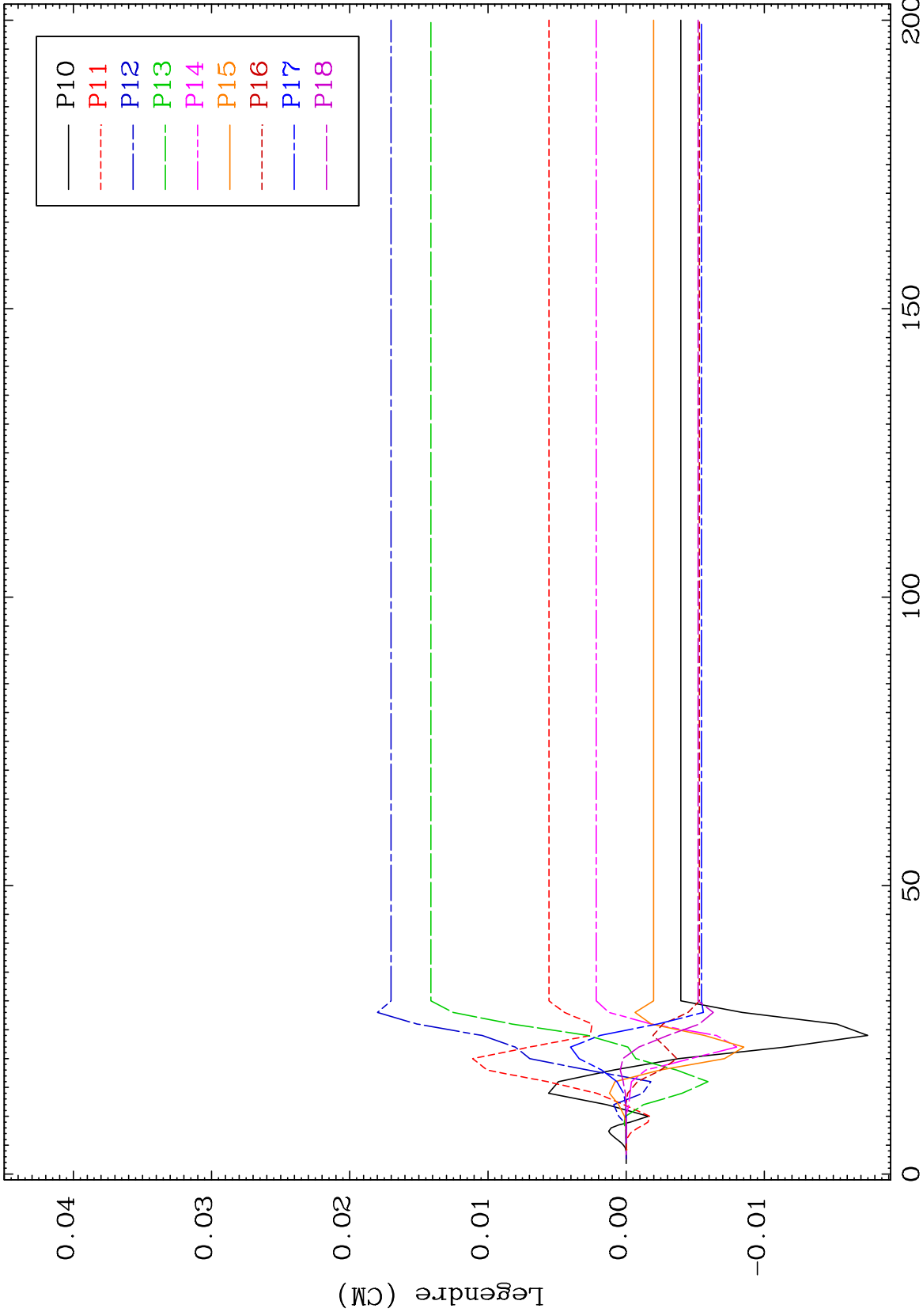
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



113

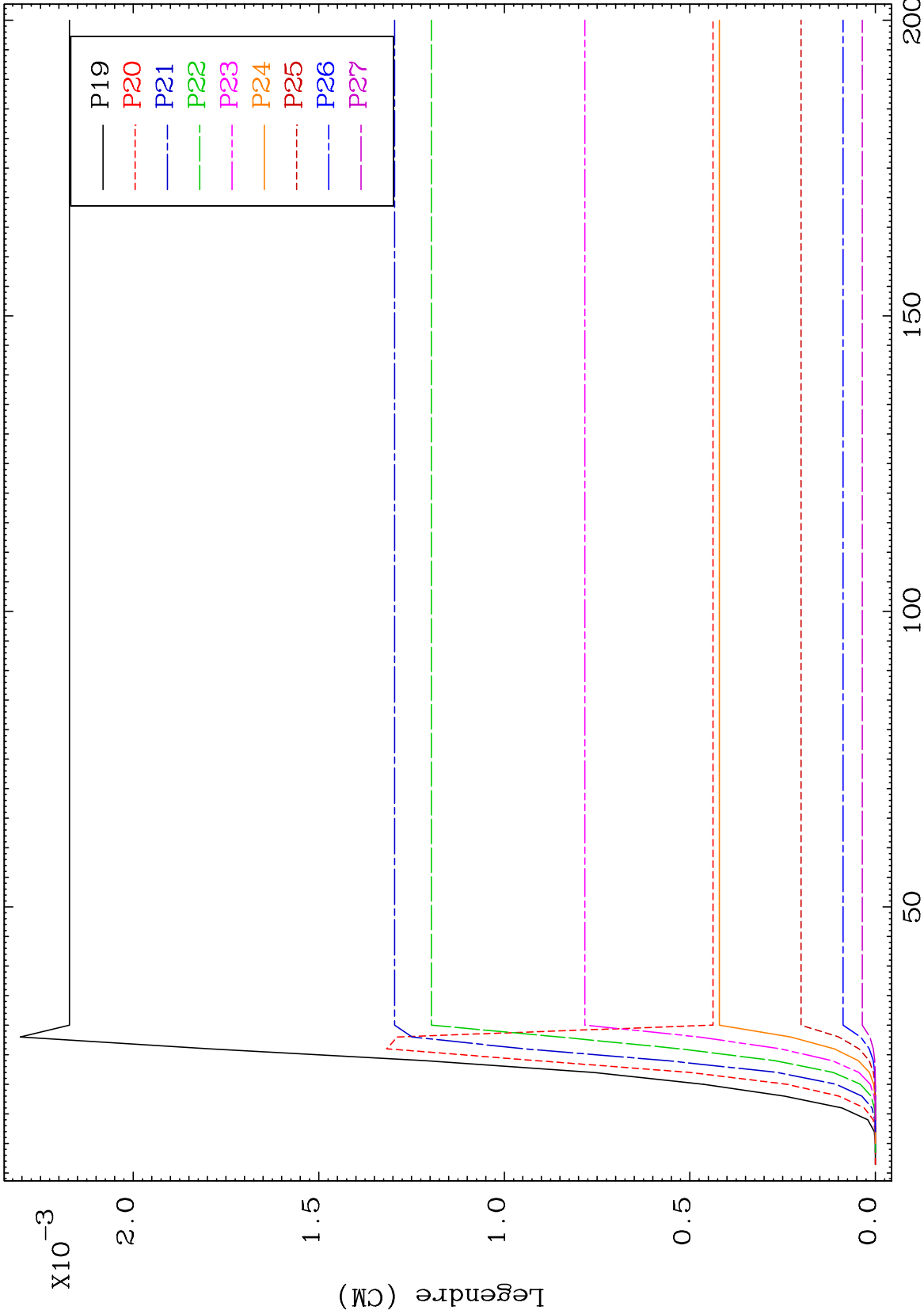
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



114

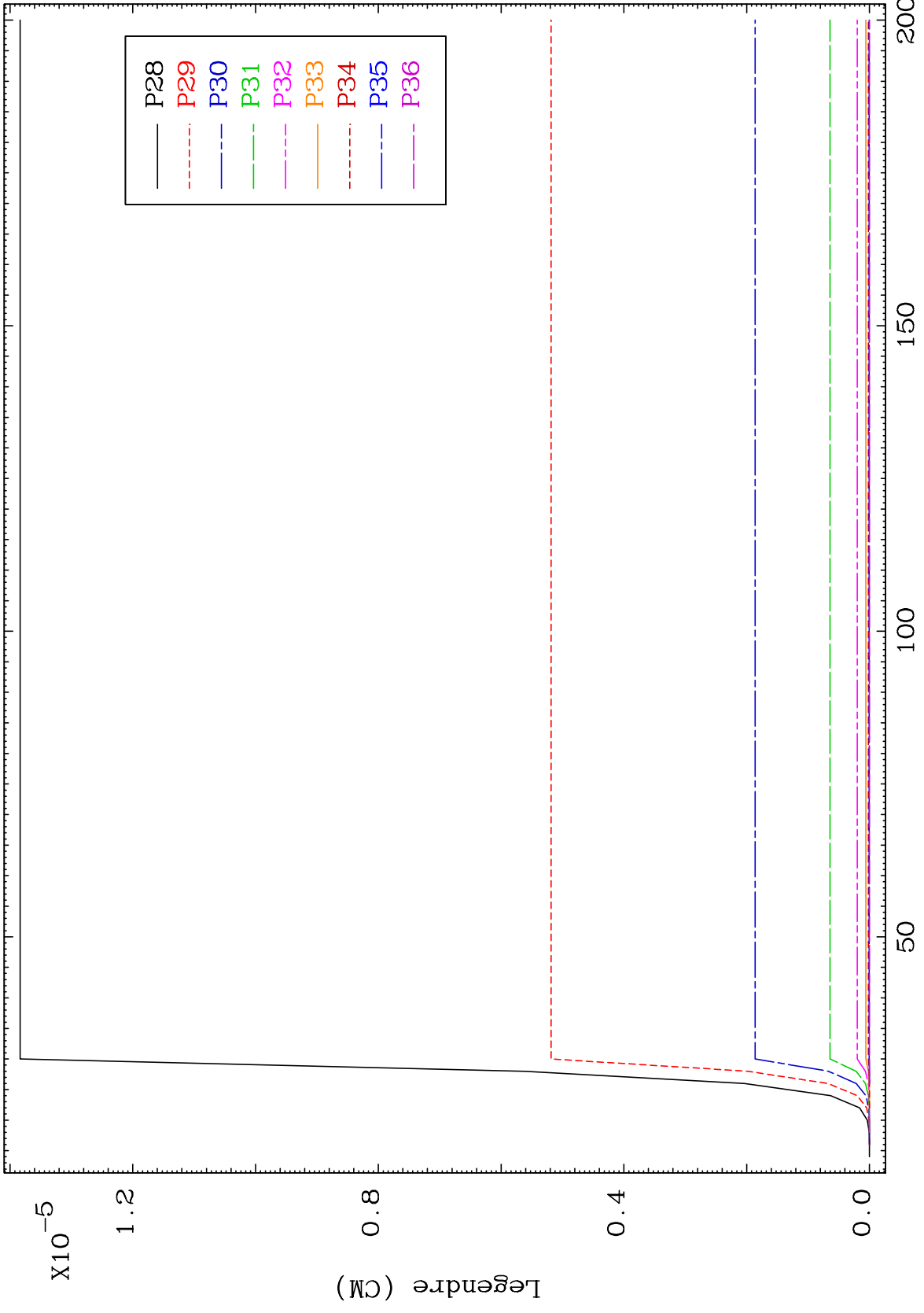
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



115

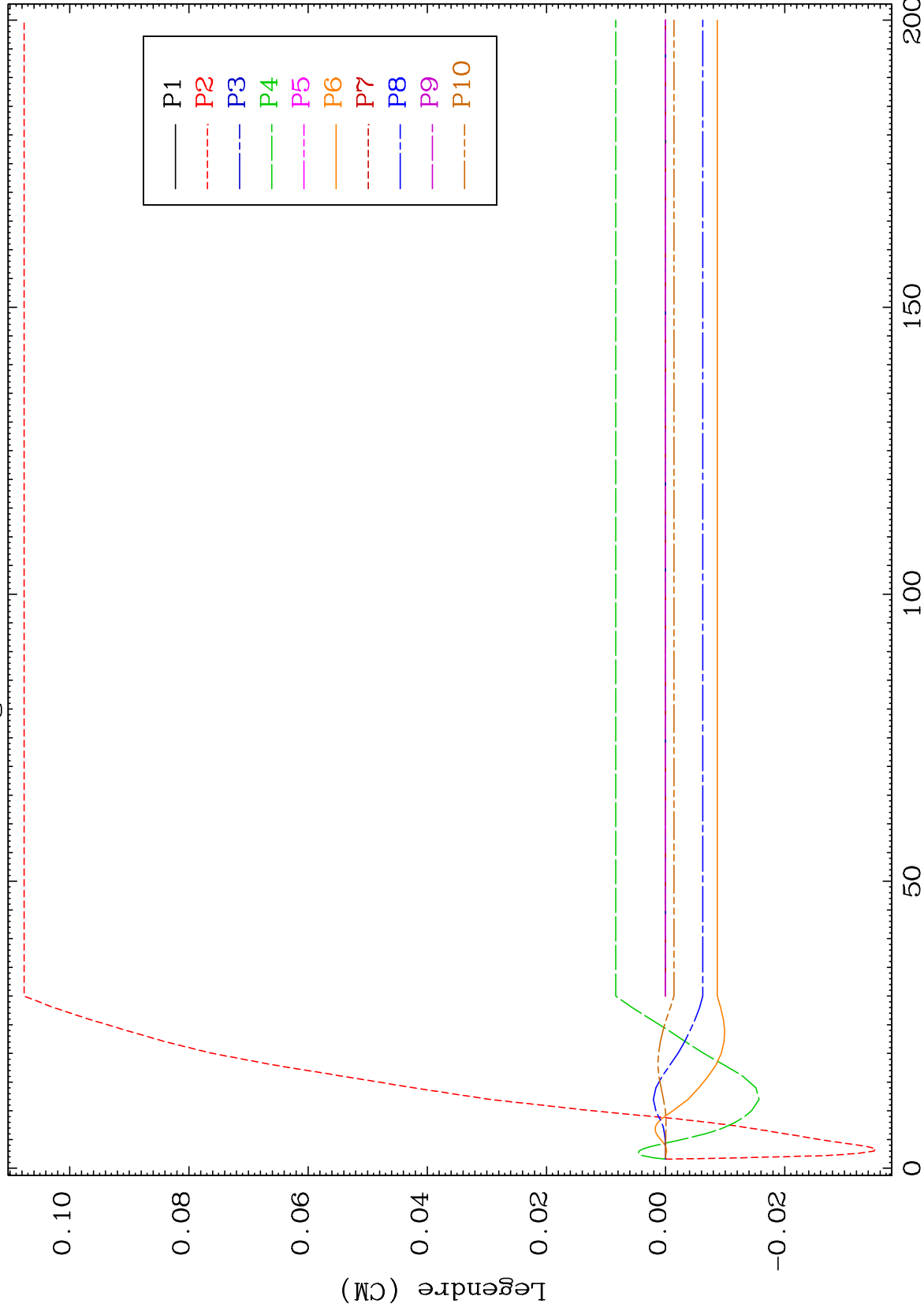
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



72-Hf-184

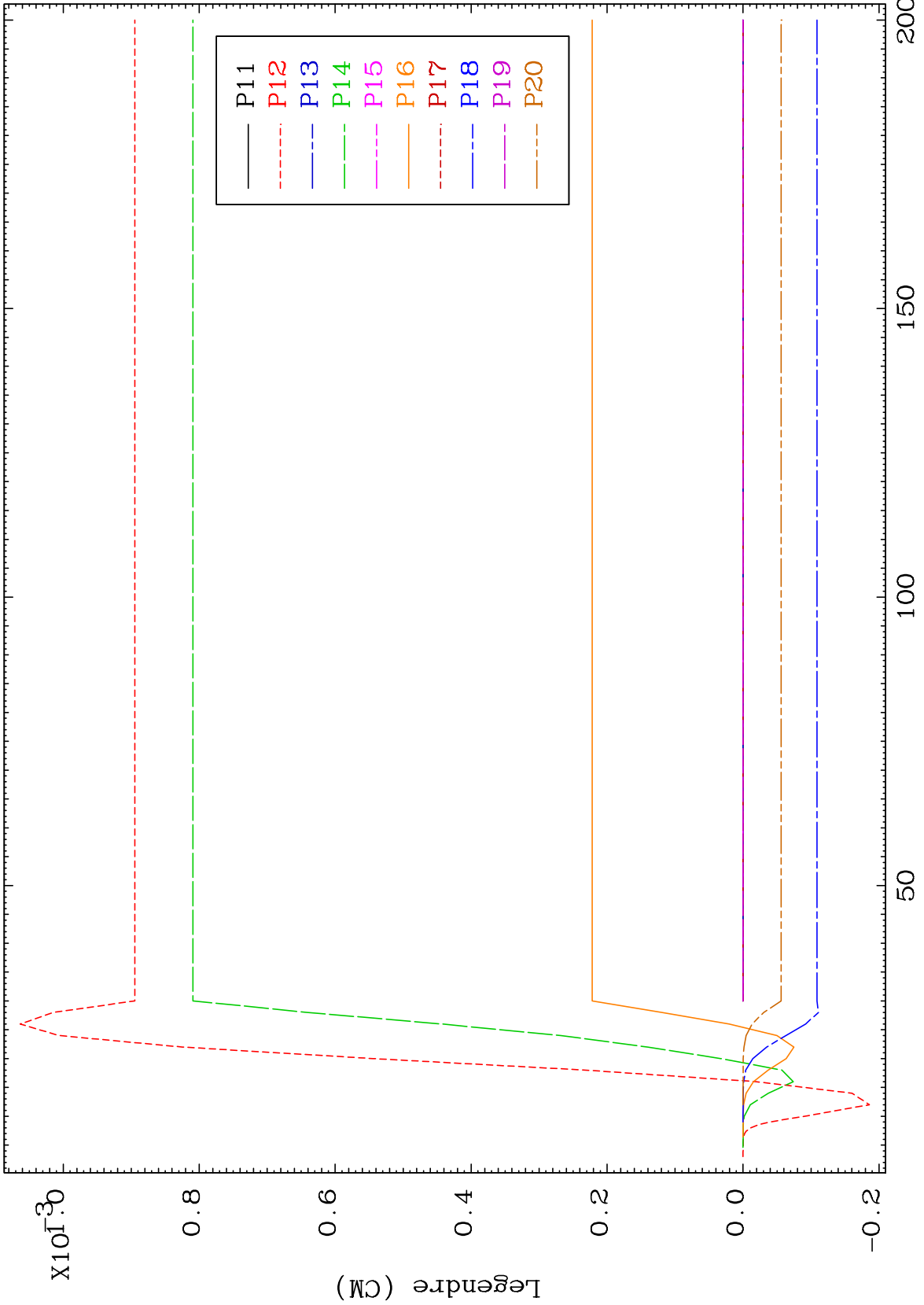
Incident Energy (MeV)

116

MAT 7255

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

72-Hf-184



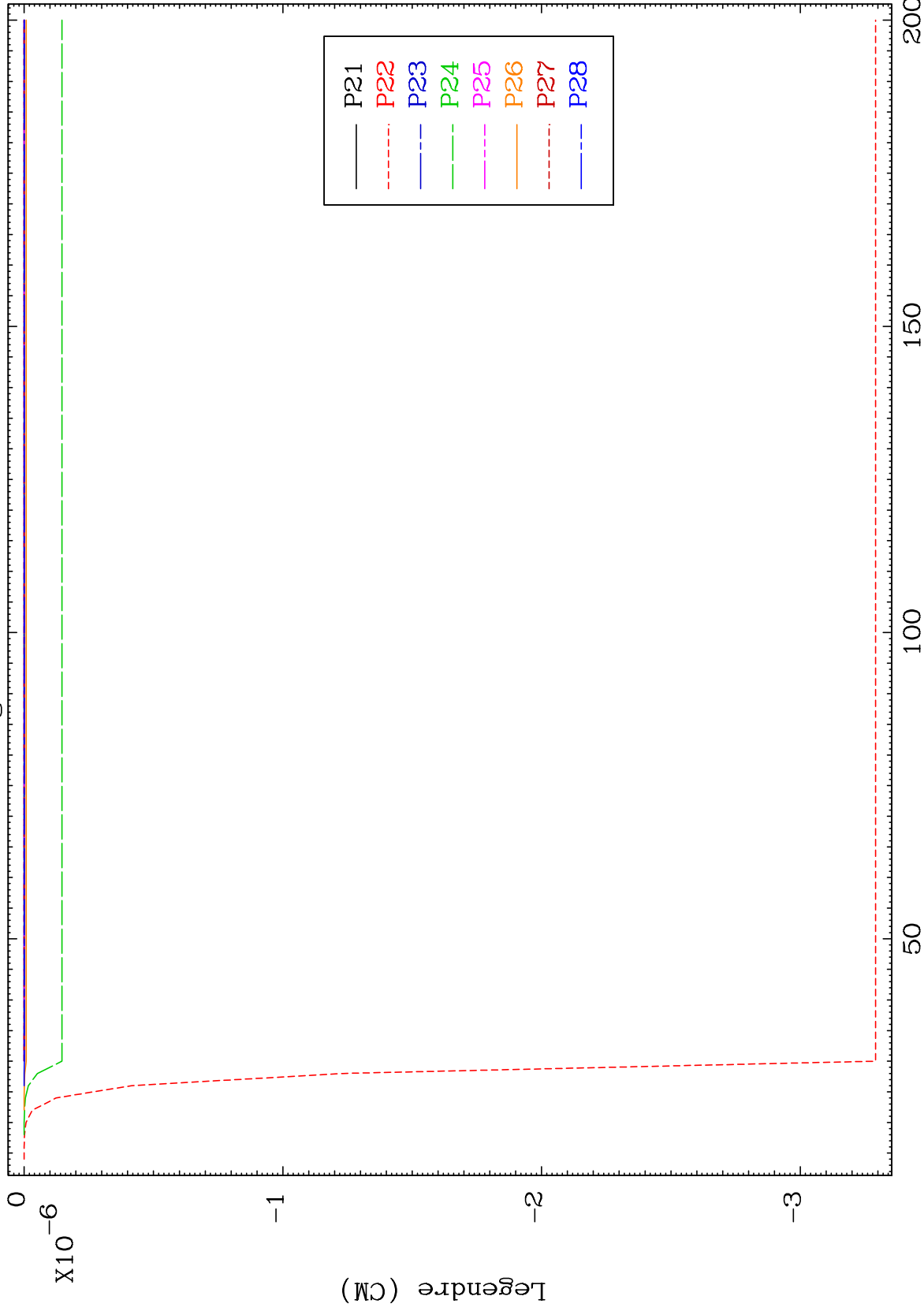
117

72-Hf-184

MAT 7255

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

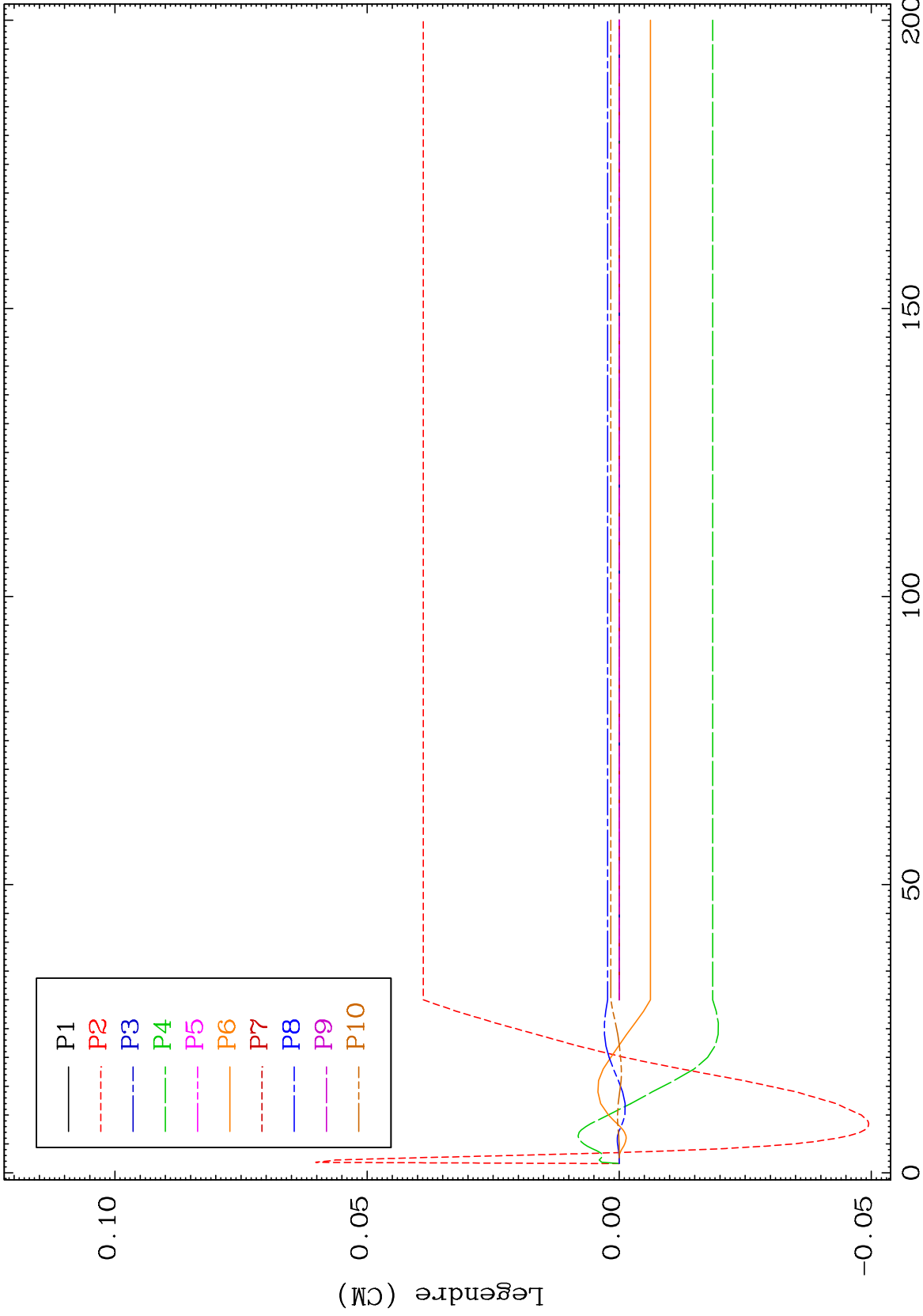
72-Hf-184



118

Incident Energy (MeV)

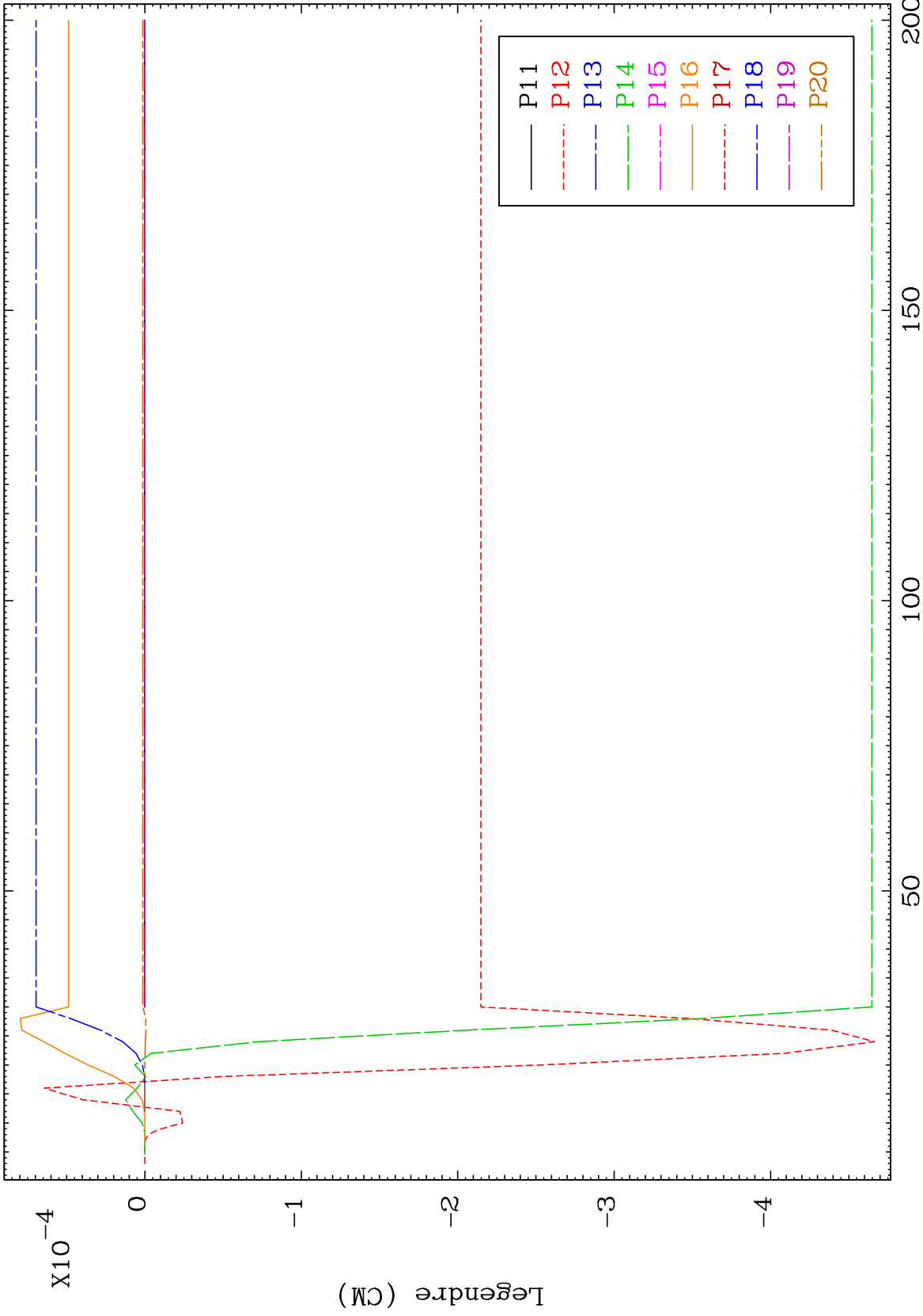
72-Hf-184



MAT 7255

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

72-Hf-184

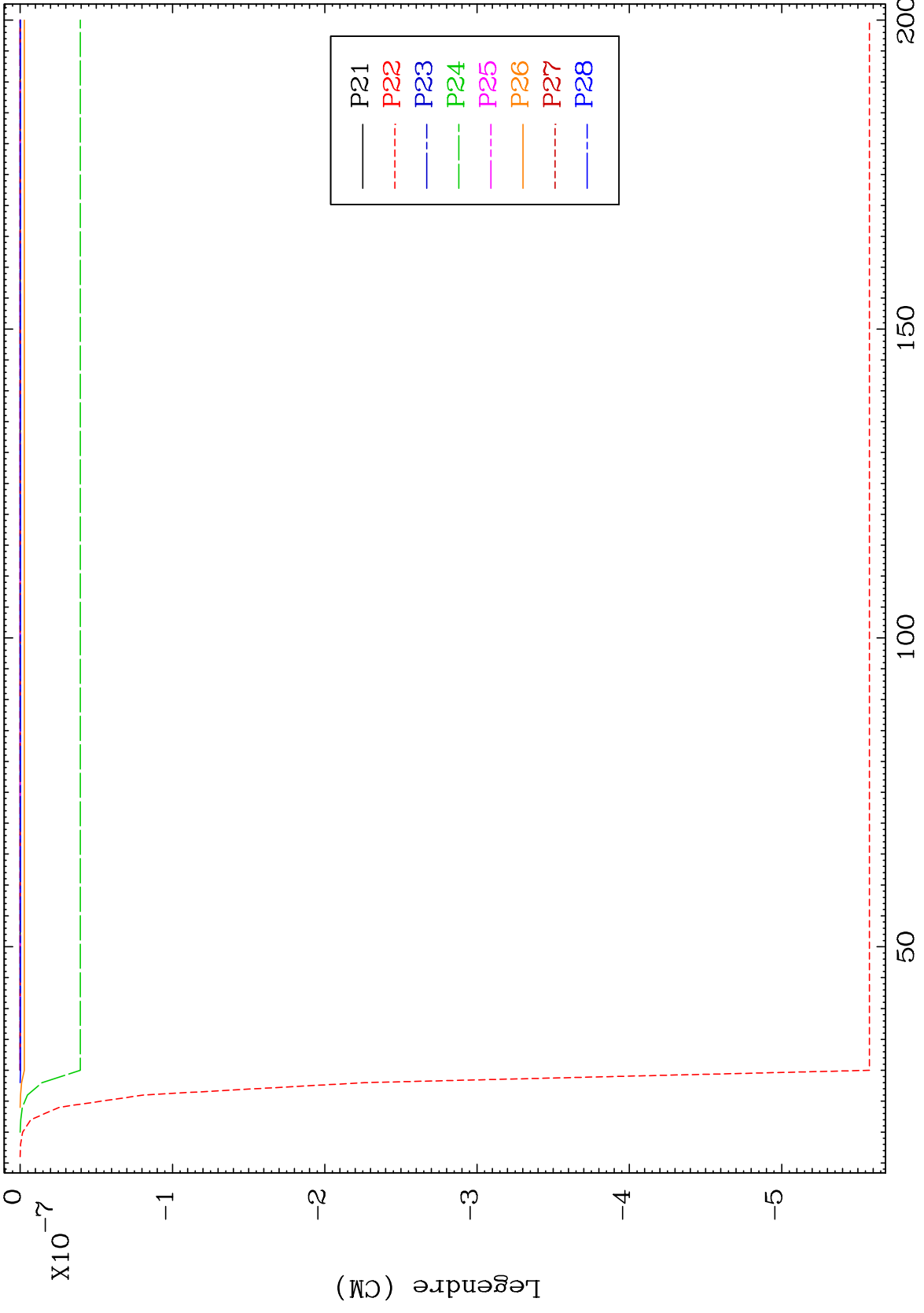


120

Incident Energy (MeV)

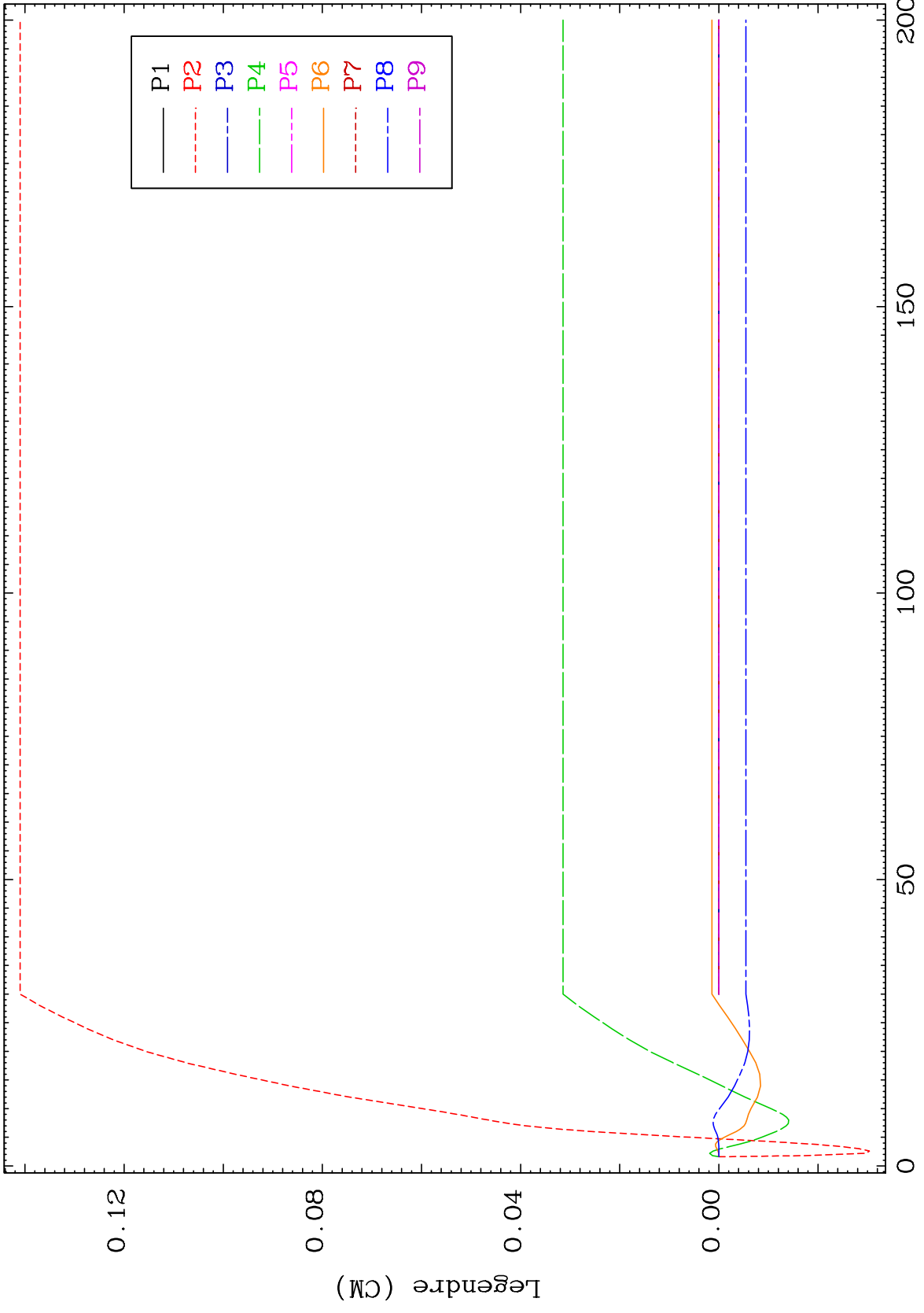
72-Hf-184

MAT 7255 MT= 79 (n,n') Level Legendre Coefficients 72-Hf-184



121 72-Hf-184

MAT 7255 MT= 80 (n,n') Level Legendre Coefficients 72-Hf-184

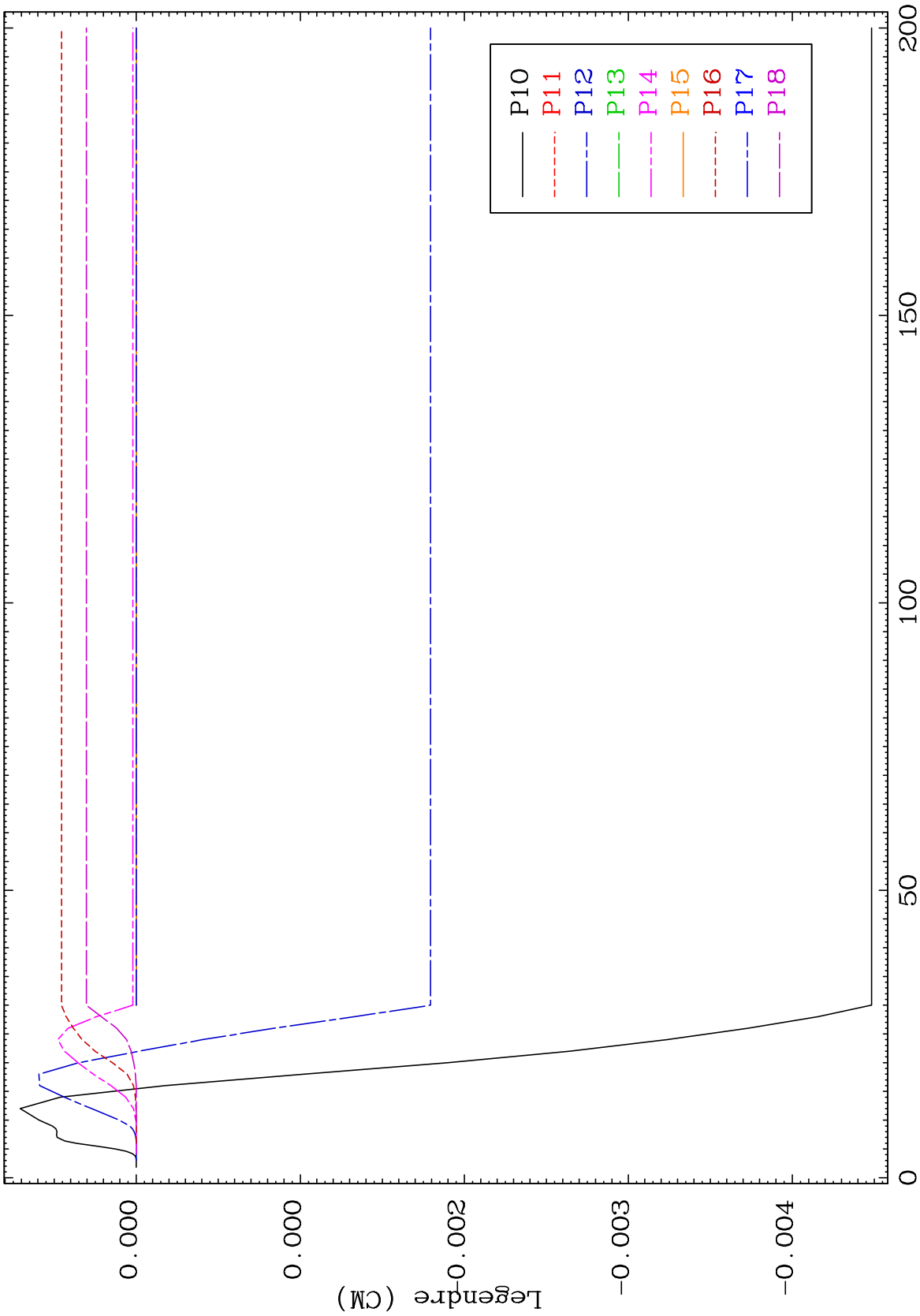


122 Incident Energy (MeV) 72-Hf-184

MAT 7255

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

72-Hf-184

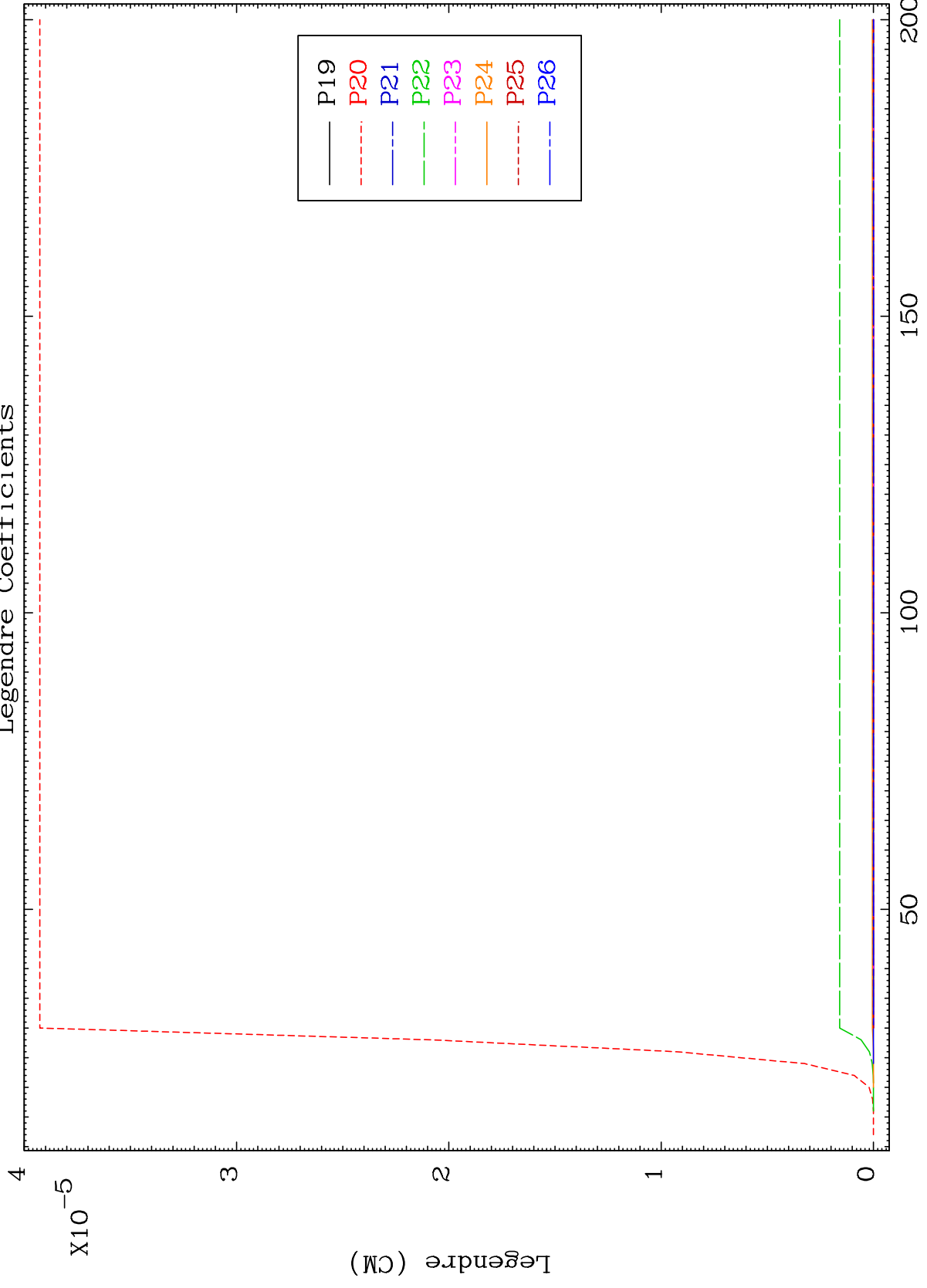


123

Incident Energy (MeV)

72-Hf-184

MAT 7255 MT= 80 (n,n') Level Legendre Coefficients 72-Hf-184

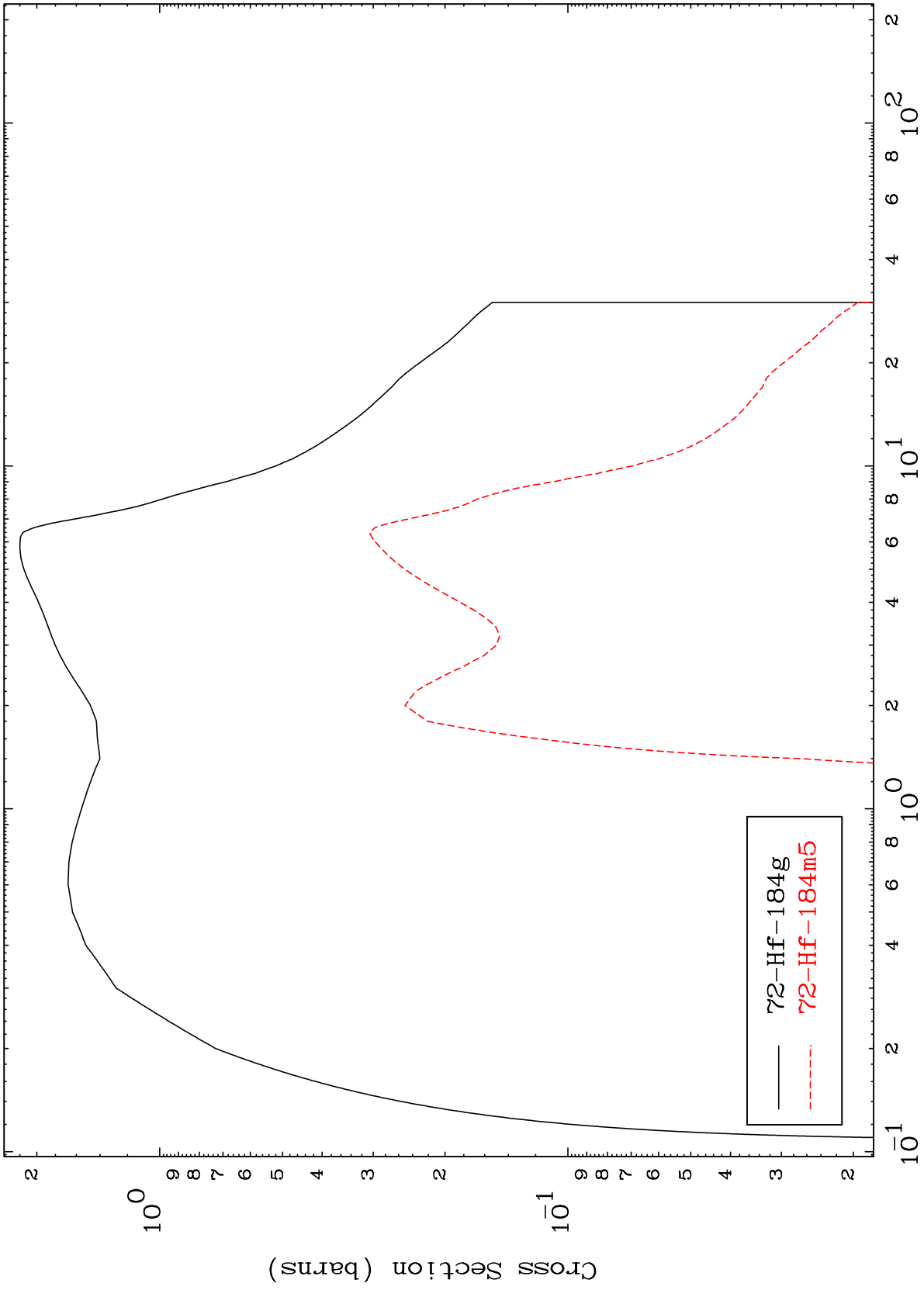


124 Incident Energy (MeV) 72-Hf-184

MAT 7255

Inelastic
Radionuclide Production Cross Section

72-Hf-184



125

72-Hf-184

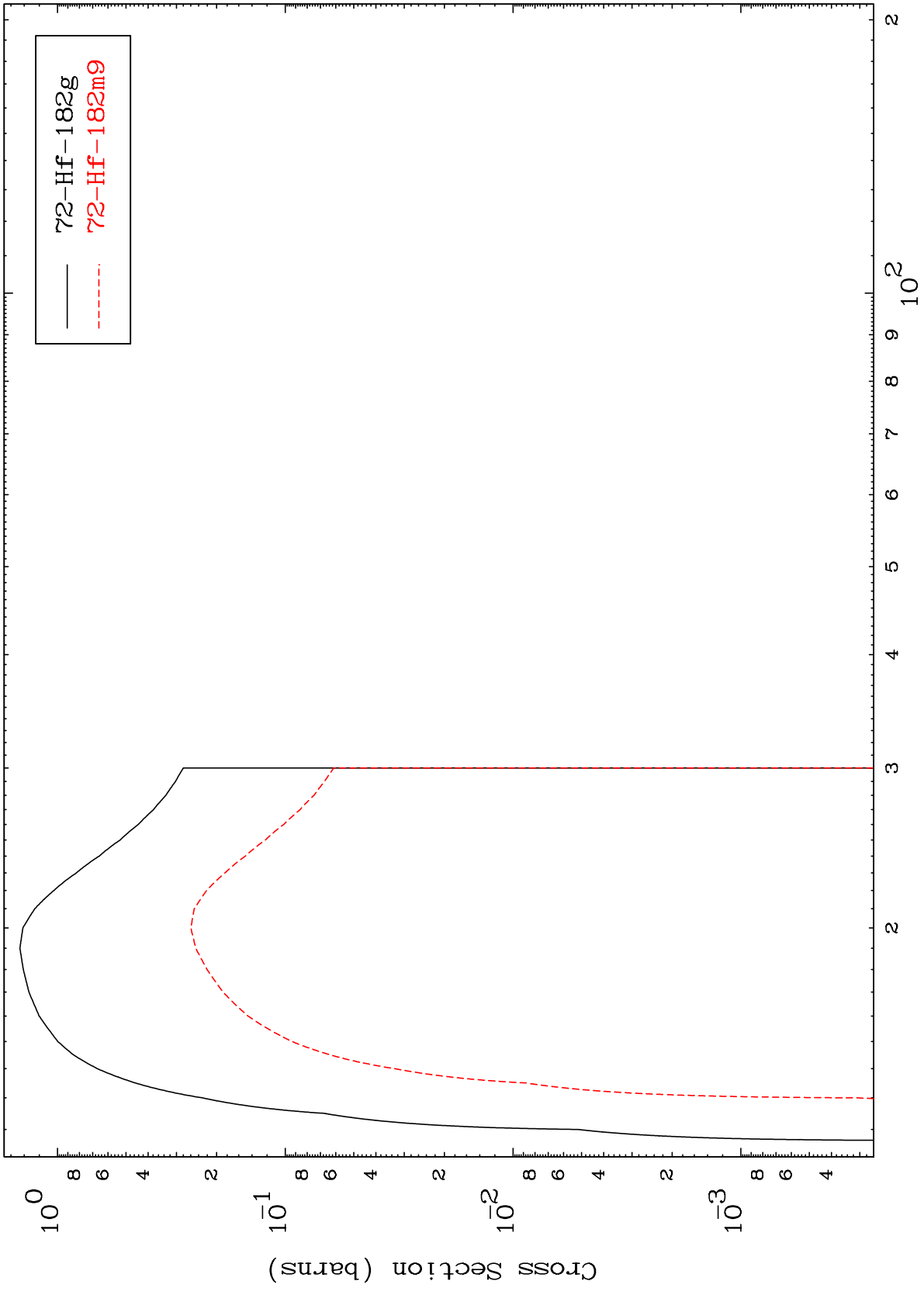
72-Hf-184

MAT 7255

(n,3n)

72-Hf-184

Radionuclide Production Cross Section



72-Hf-182g
72-Hf-182m9

126

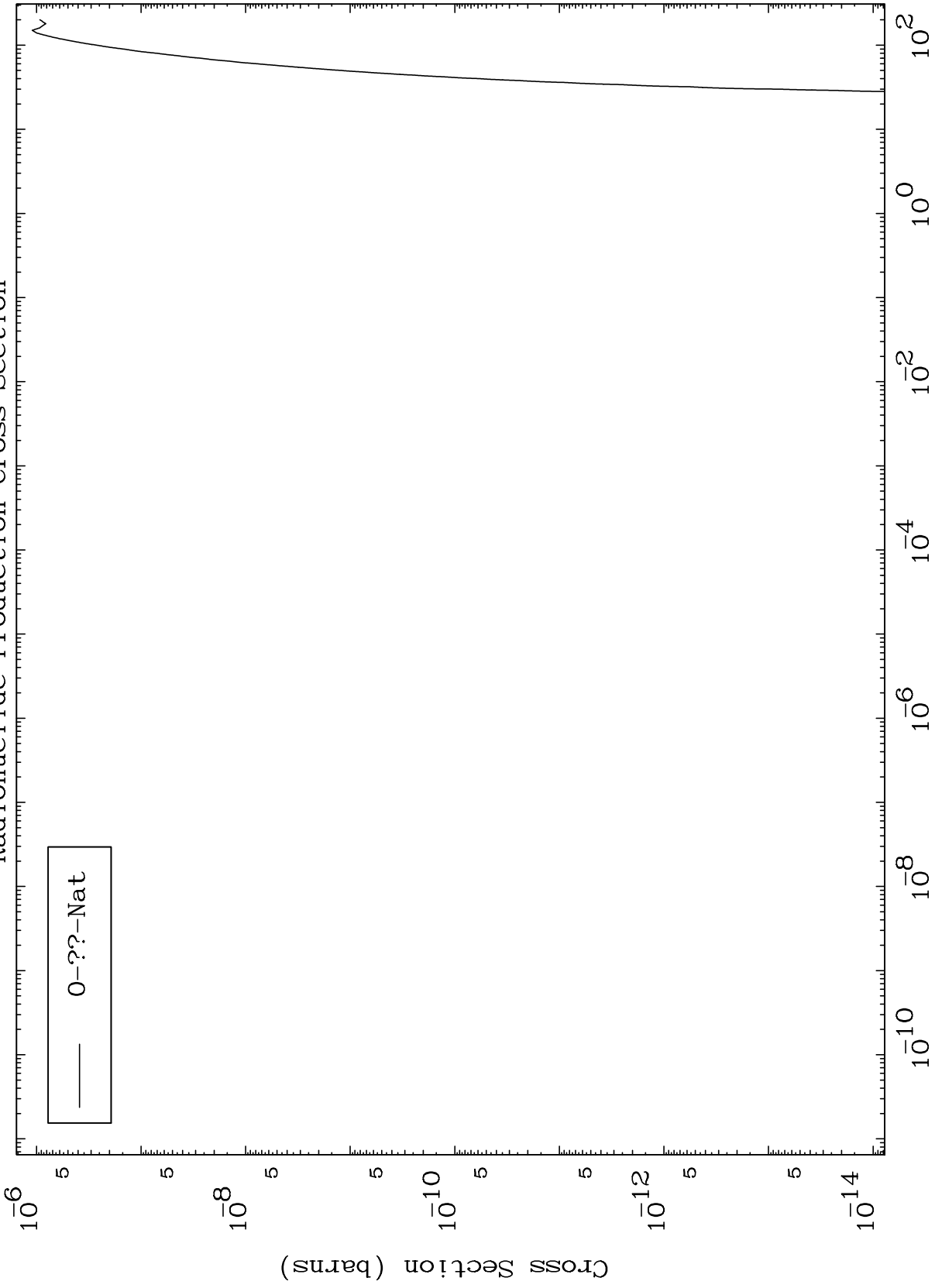
Incident Energy (MeV)

72-Hf-184

MAT 7255

Fission
Radionuclide Production Cross Section

72-Hf-184



127

72-Hf-184