

Program EVALPLOT  
(Version 2018-1)

by

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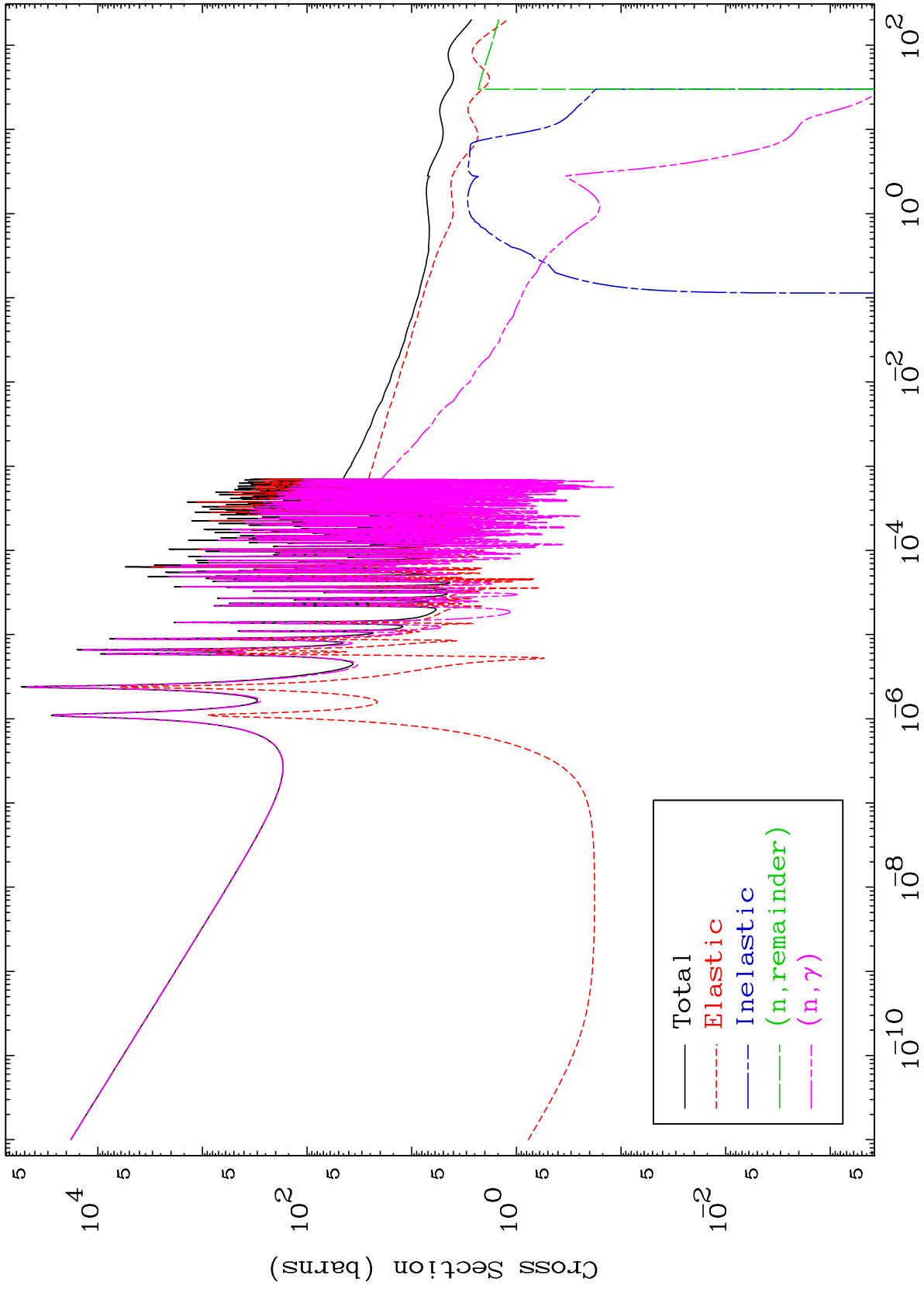
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7234

Major  
293 Kelvin Cross Sections

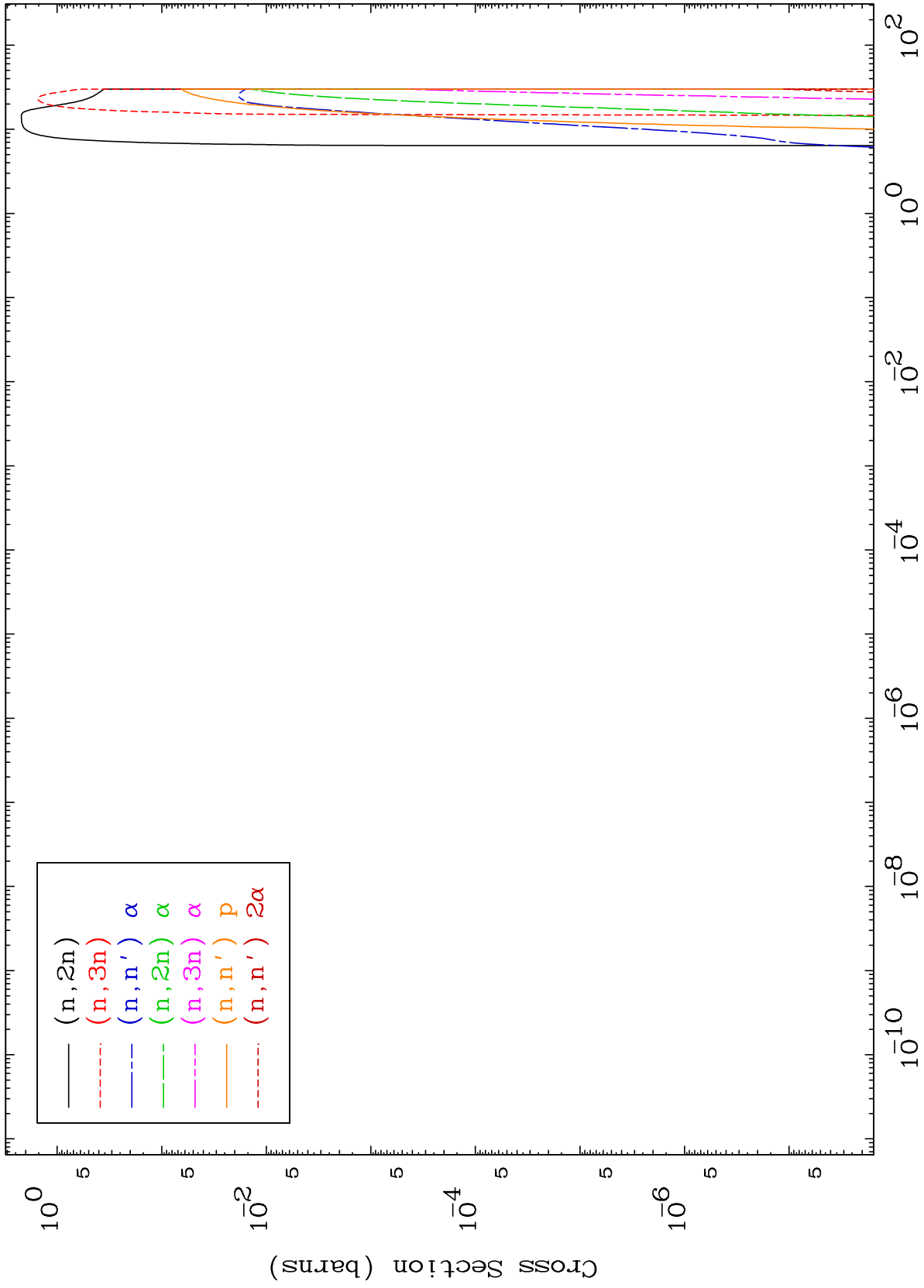
72-Hf-177



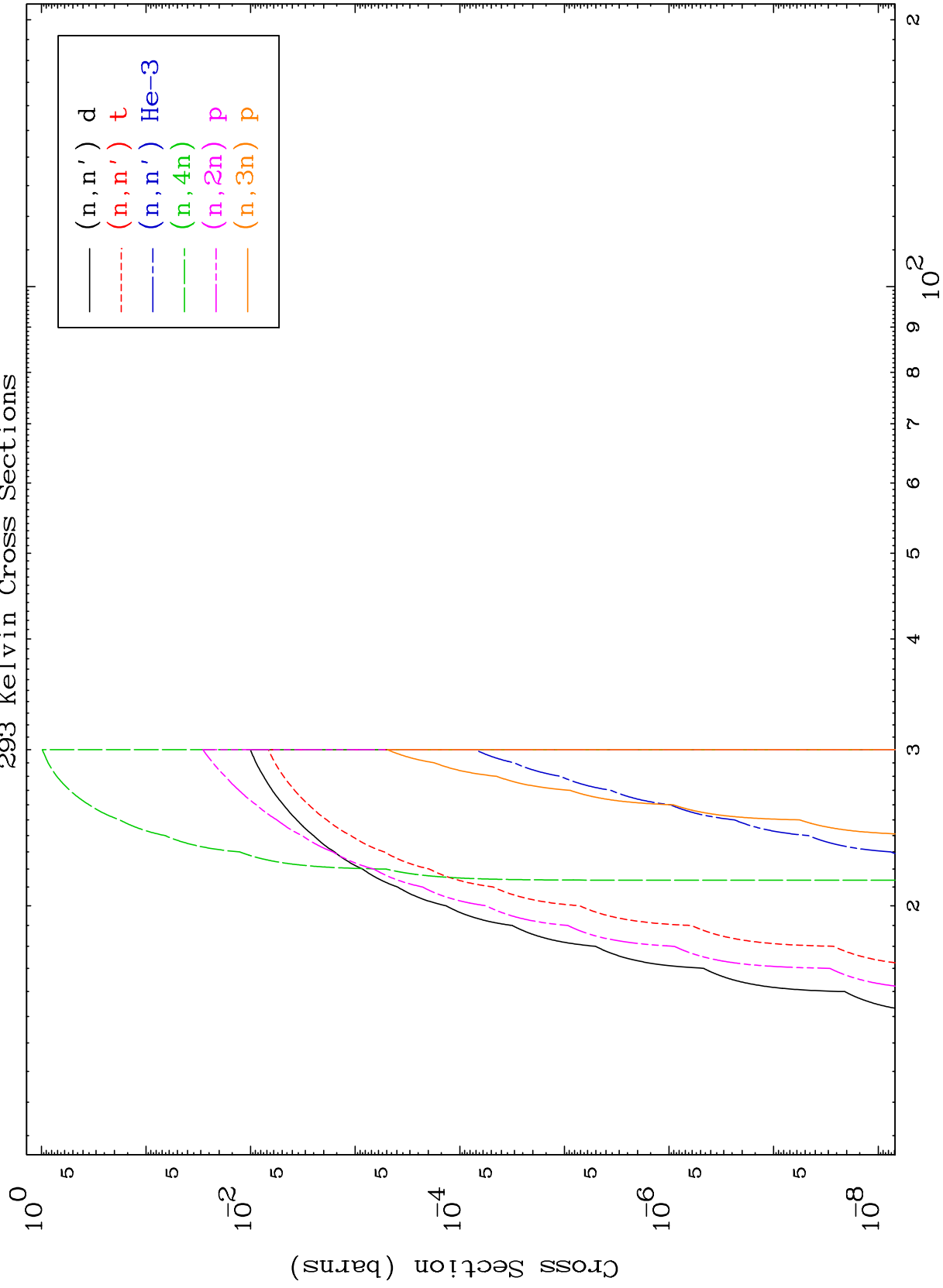
MAT 7234

Neutron Production  
293 Kelvin Cross Sections

72-Hf-177



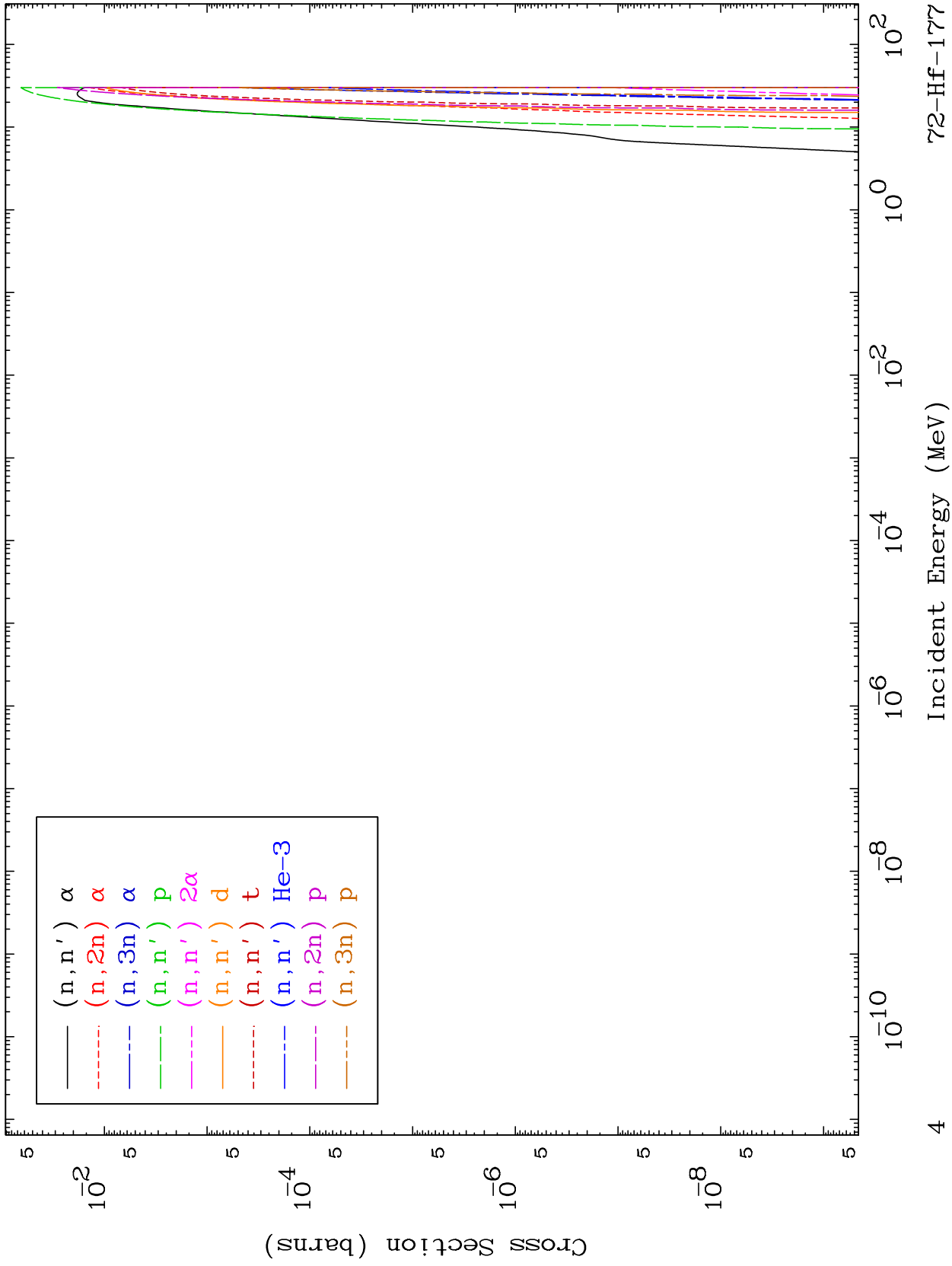
72-Hf-177



MAT 7234

293 Charged Particle  
Kelvin Cross Sections

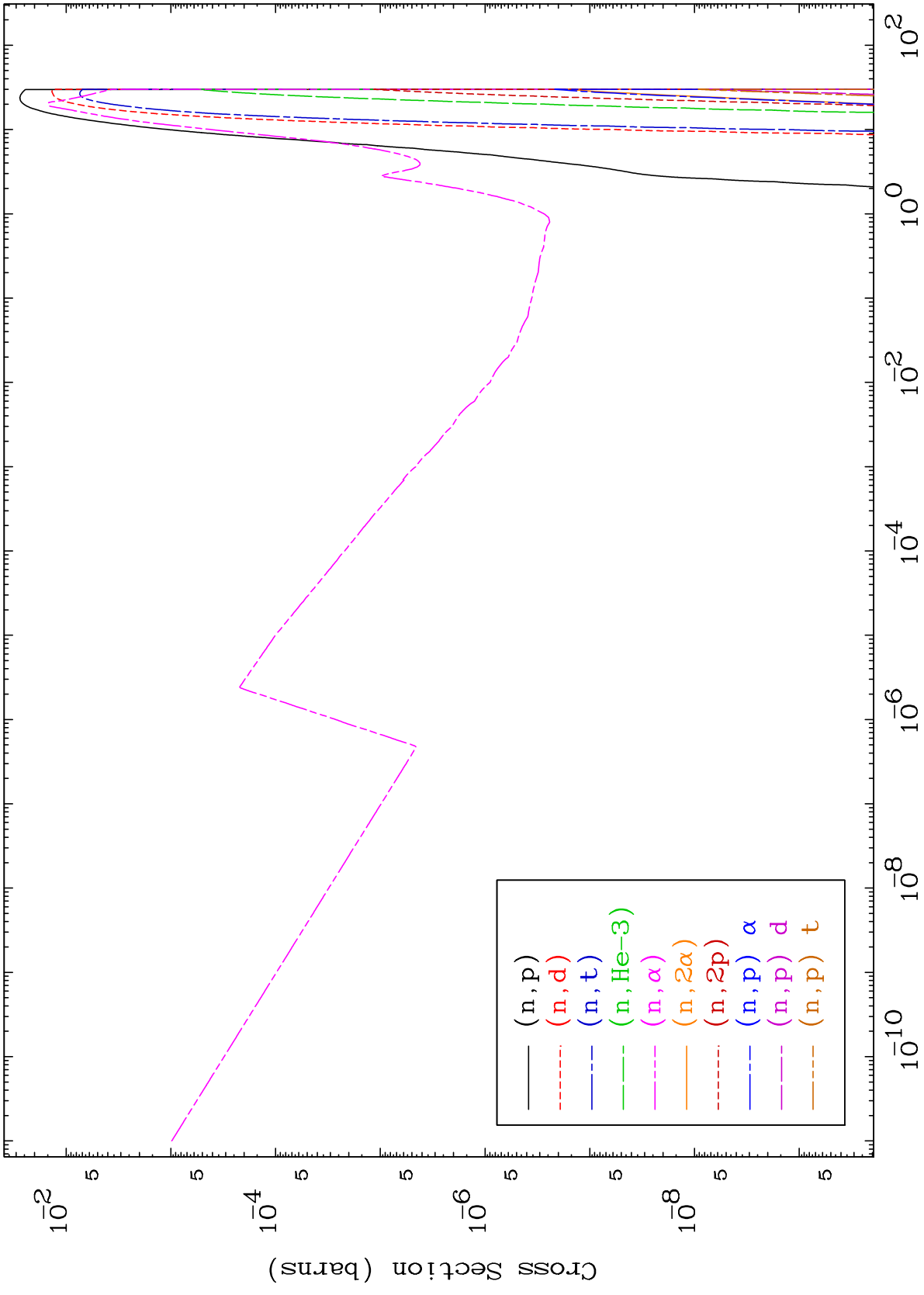
72-Hf-177



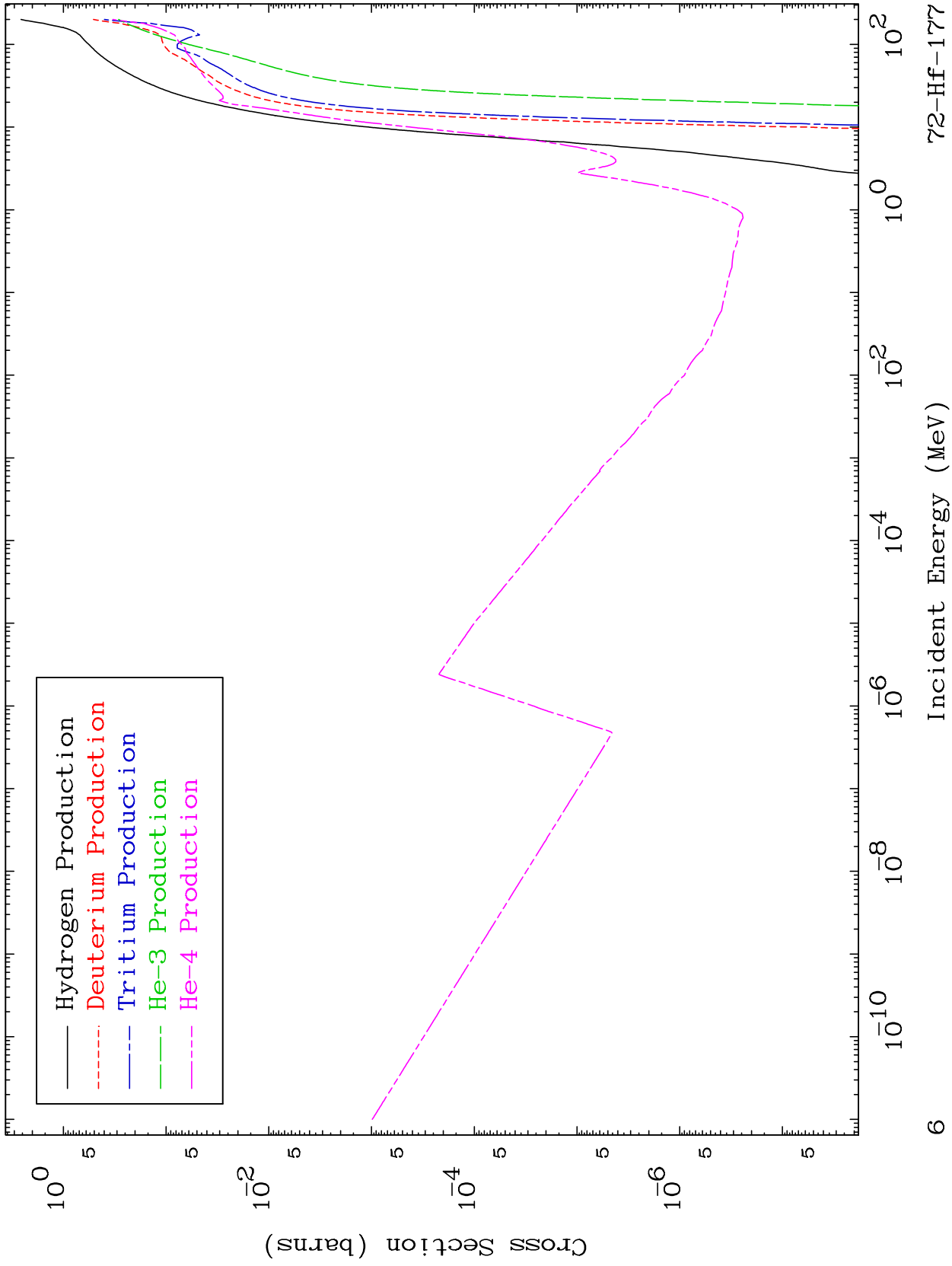
MAT 7234

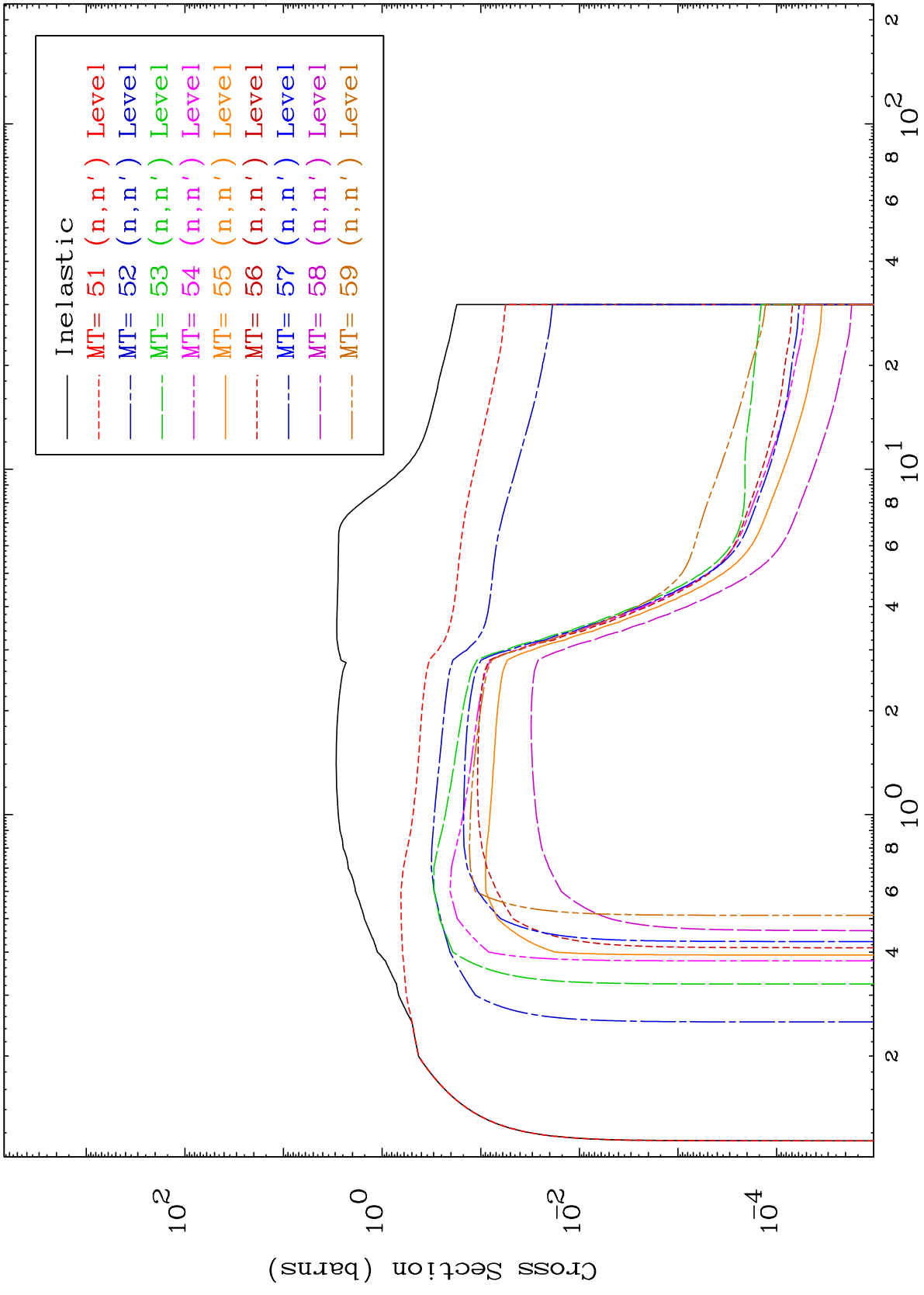
293 Kelvin Cross Sections

72-Hf-177



72-Hf-177



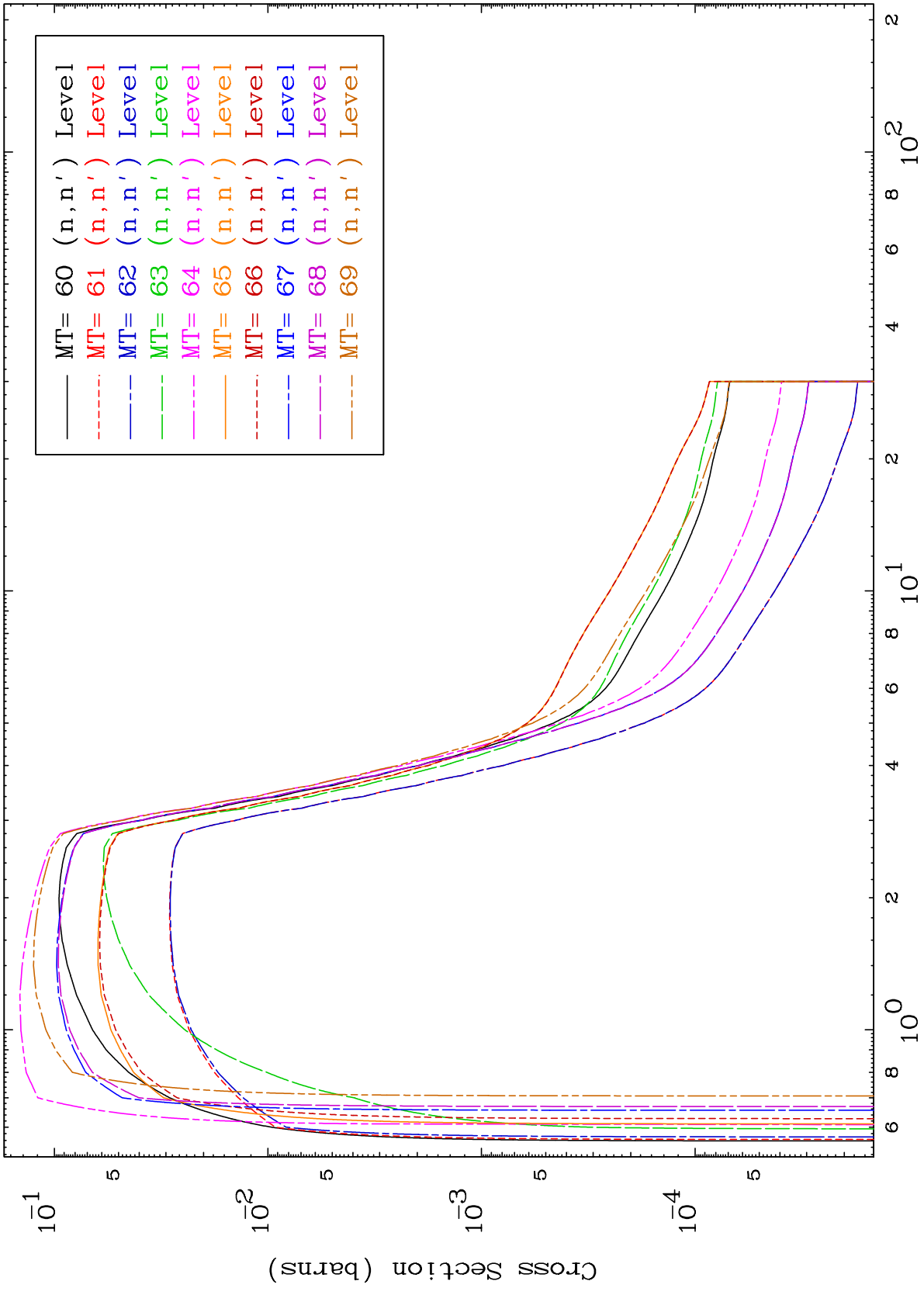




MAT 7234

(n,n') Level  
293 Kelvin Cross Sections

72-Hf-177



8

Incident Energy (MeV)

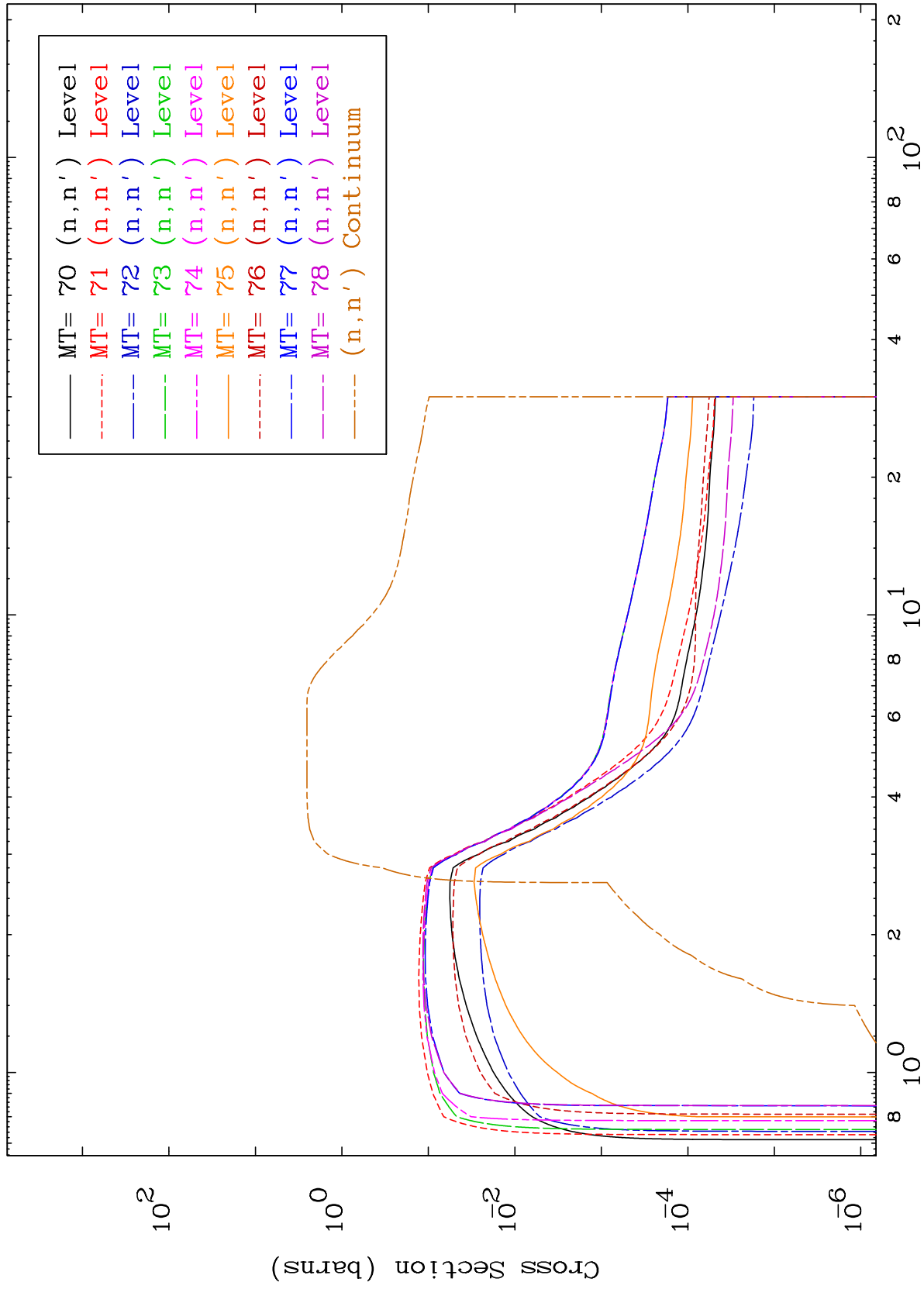
72-Hf-177

MAT 7234

(n,n') Level

72-Hf-177

293 Kelvin Cross Sections



9

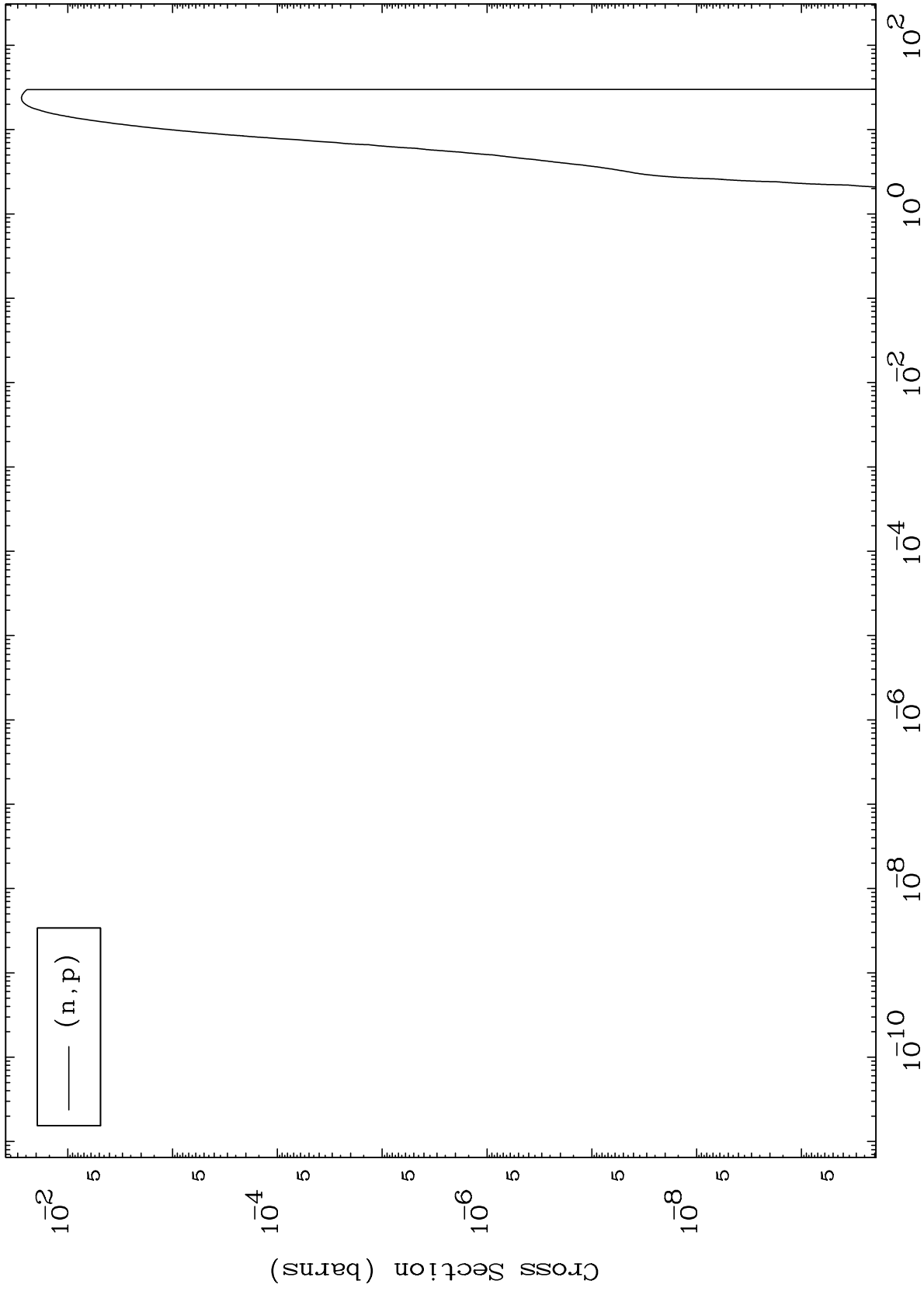
Incident Energy (MeV)

72-Hf-177

MAT 7234

(n,p) Levels  
293 Kelvin Cross Sections

72-Hf-177



10

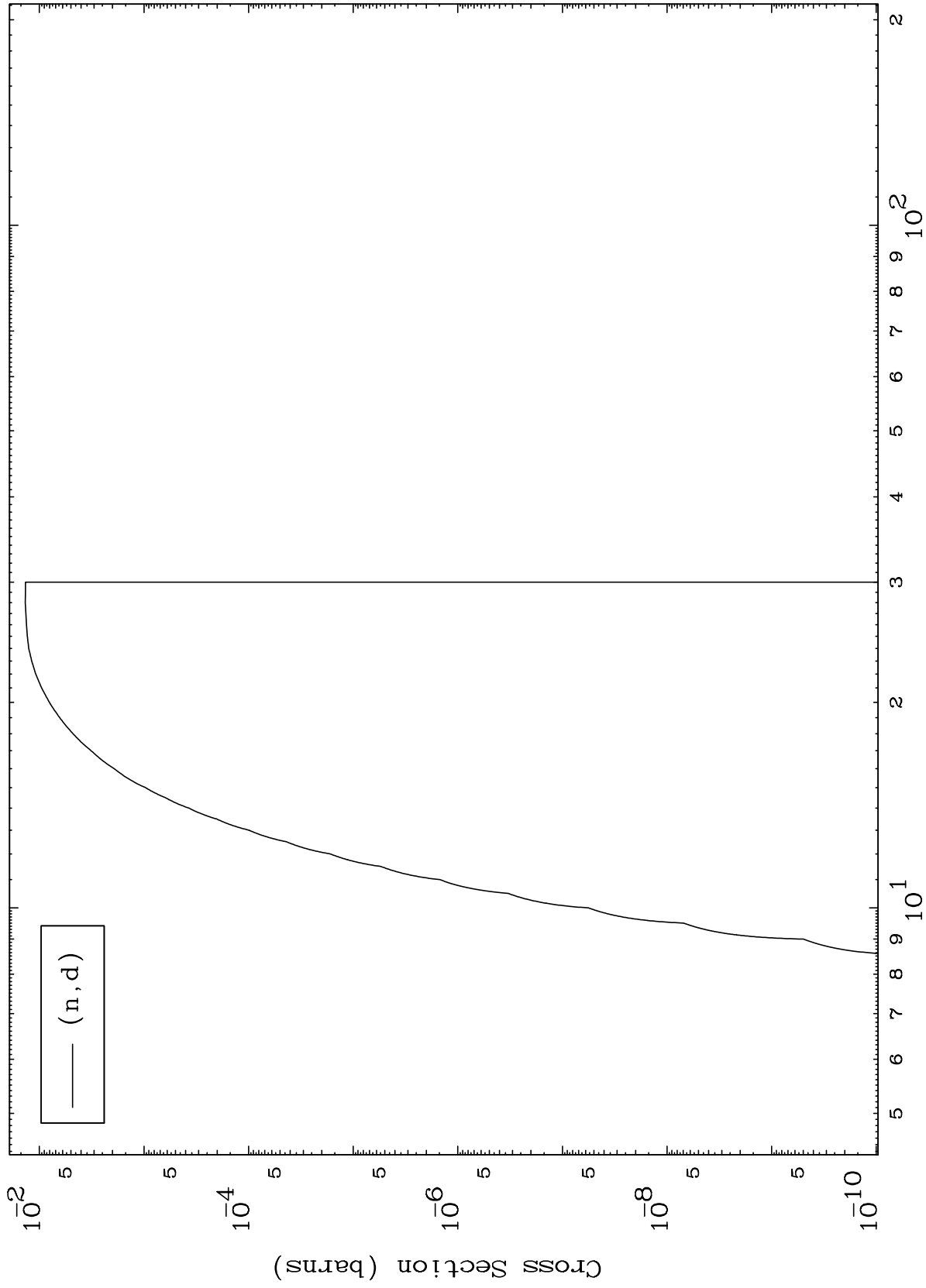
Incident Energy (MeV)

72-Hf-177

MAT 7234

(n,d) Levels  
293 Kelvin Cross Sections

72-Hf-177



11

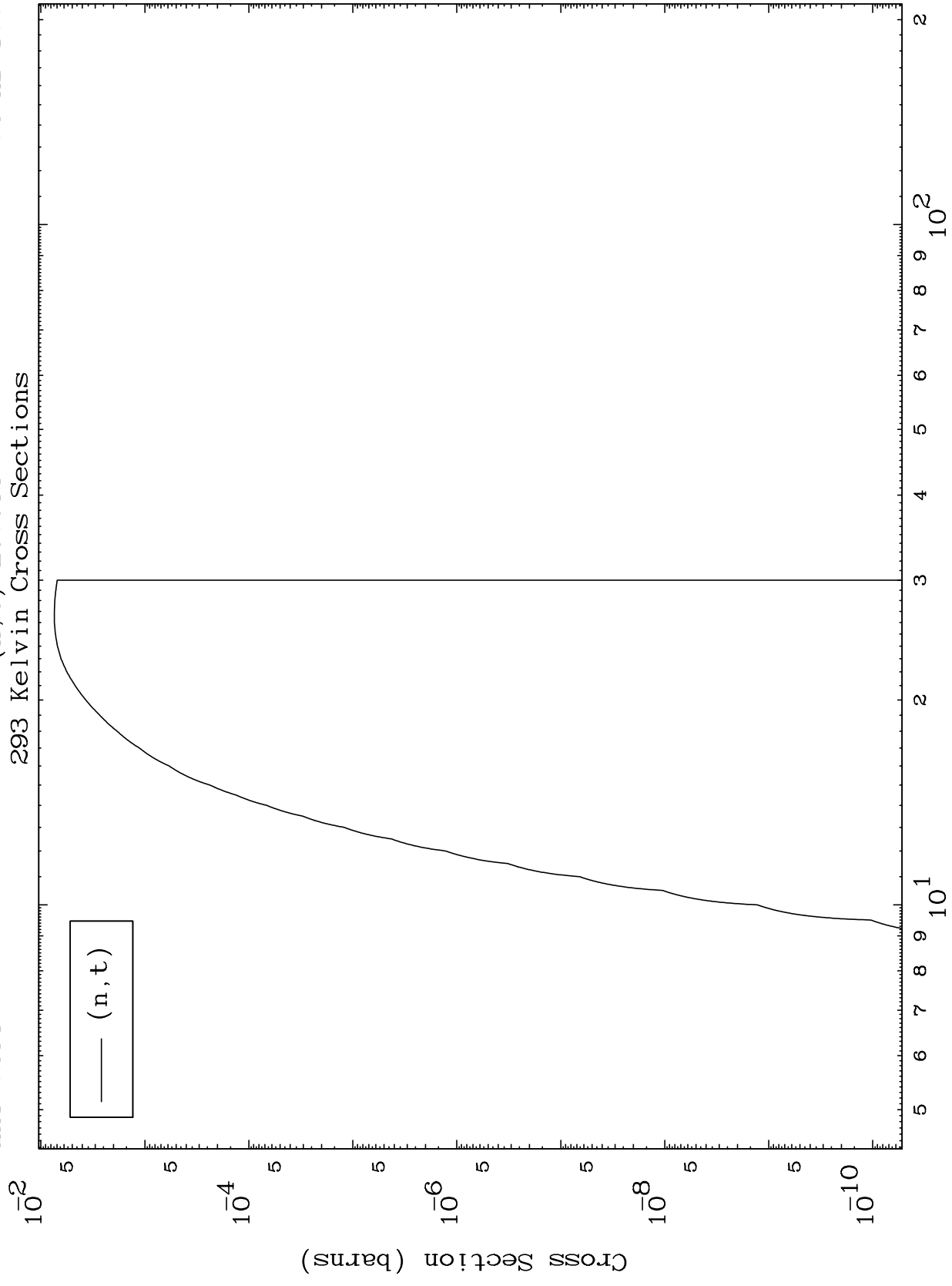
Incident Energy (MeV)

72-Hf-177

MAT 7234

(n,t) Levels  
293 Kelvin Cross Sections

72-Hf-177



12

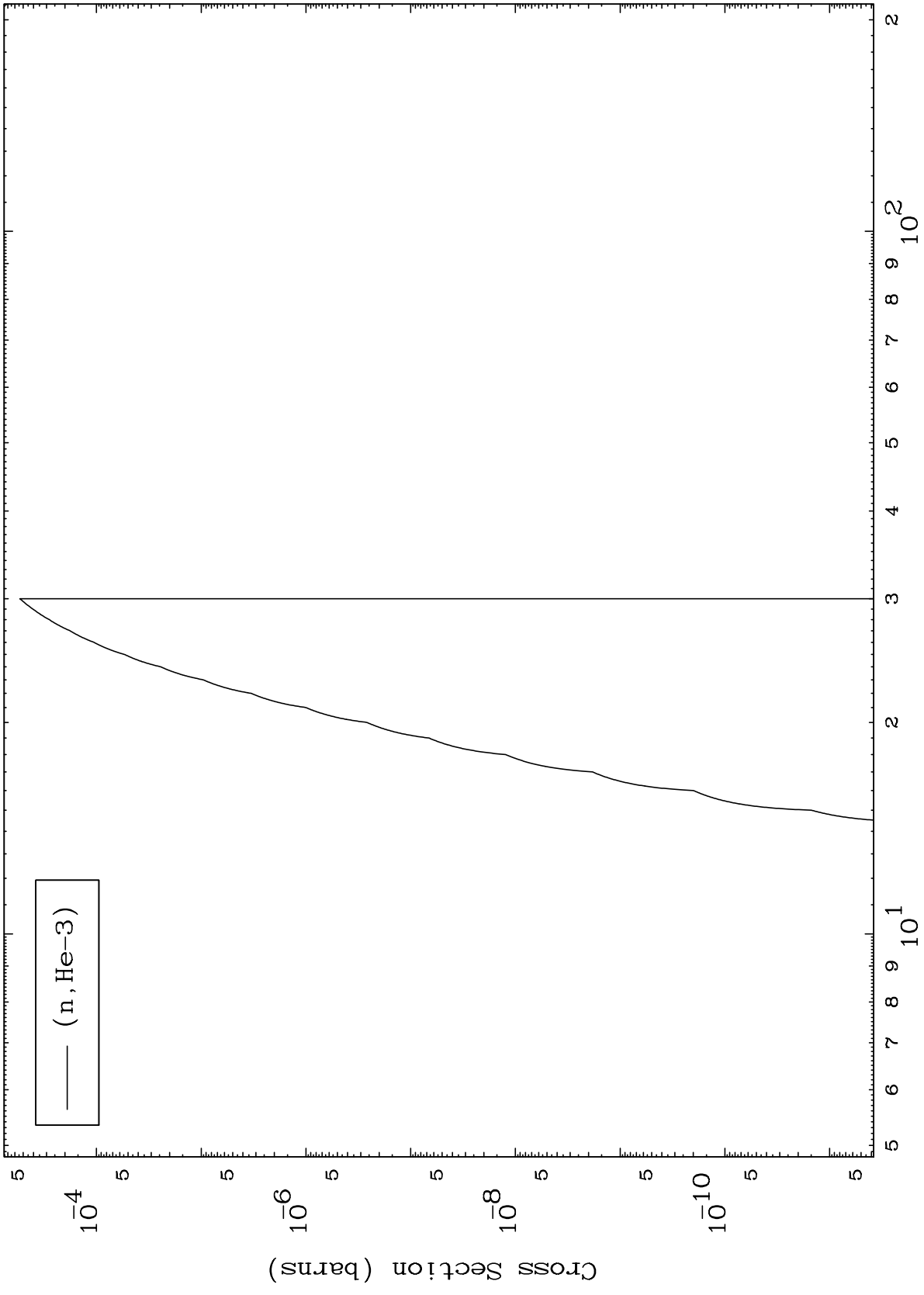
Incident Energy (MeV)

72-Hf-177

MAT 7234

(n,He3) Levels  
293 Kelvin Cross Sections

72-Hf-177



13

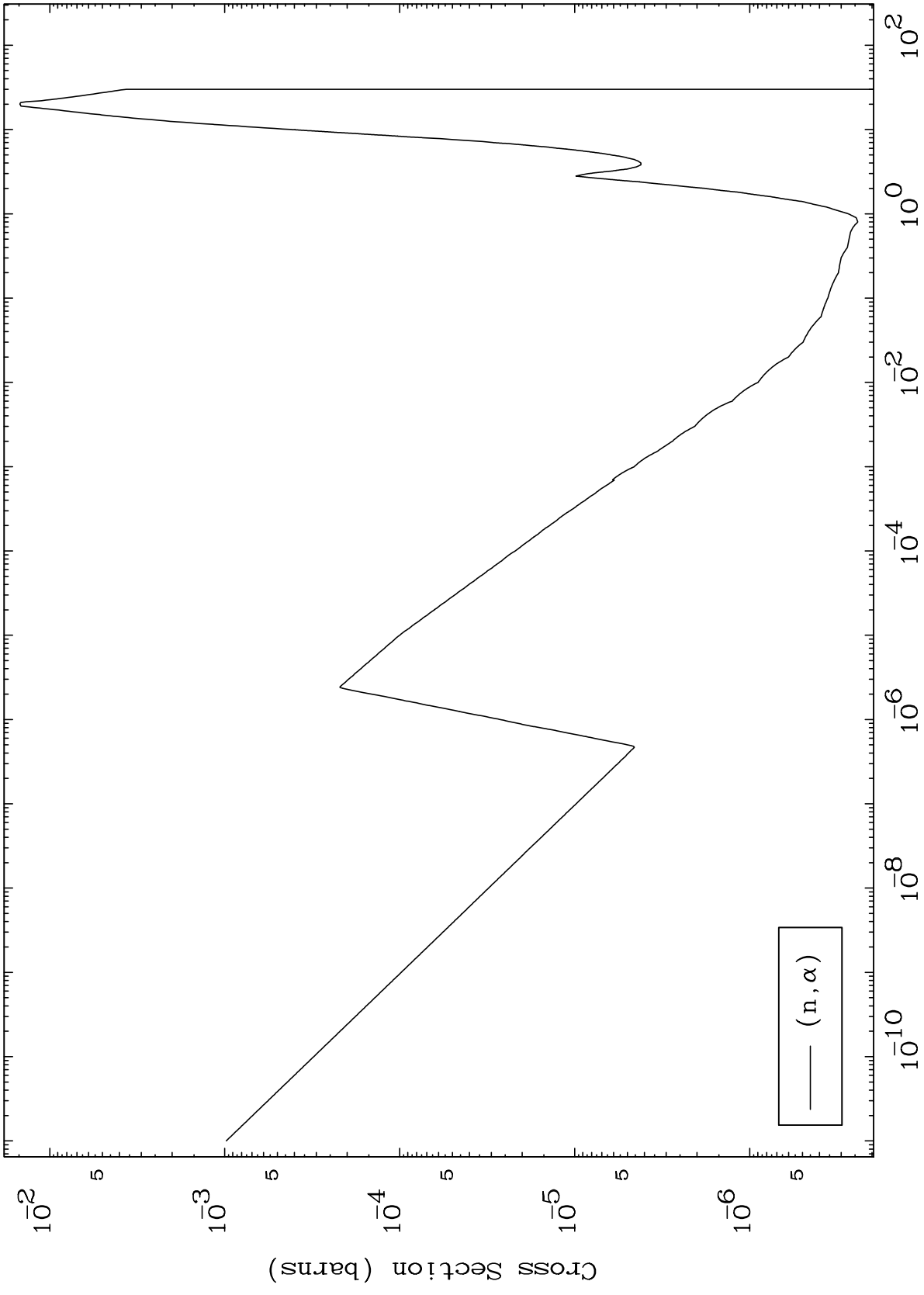
Incident Energy (MeV)

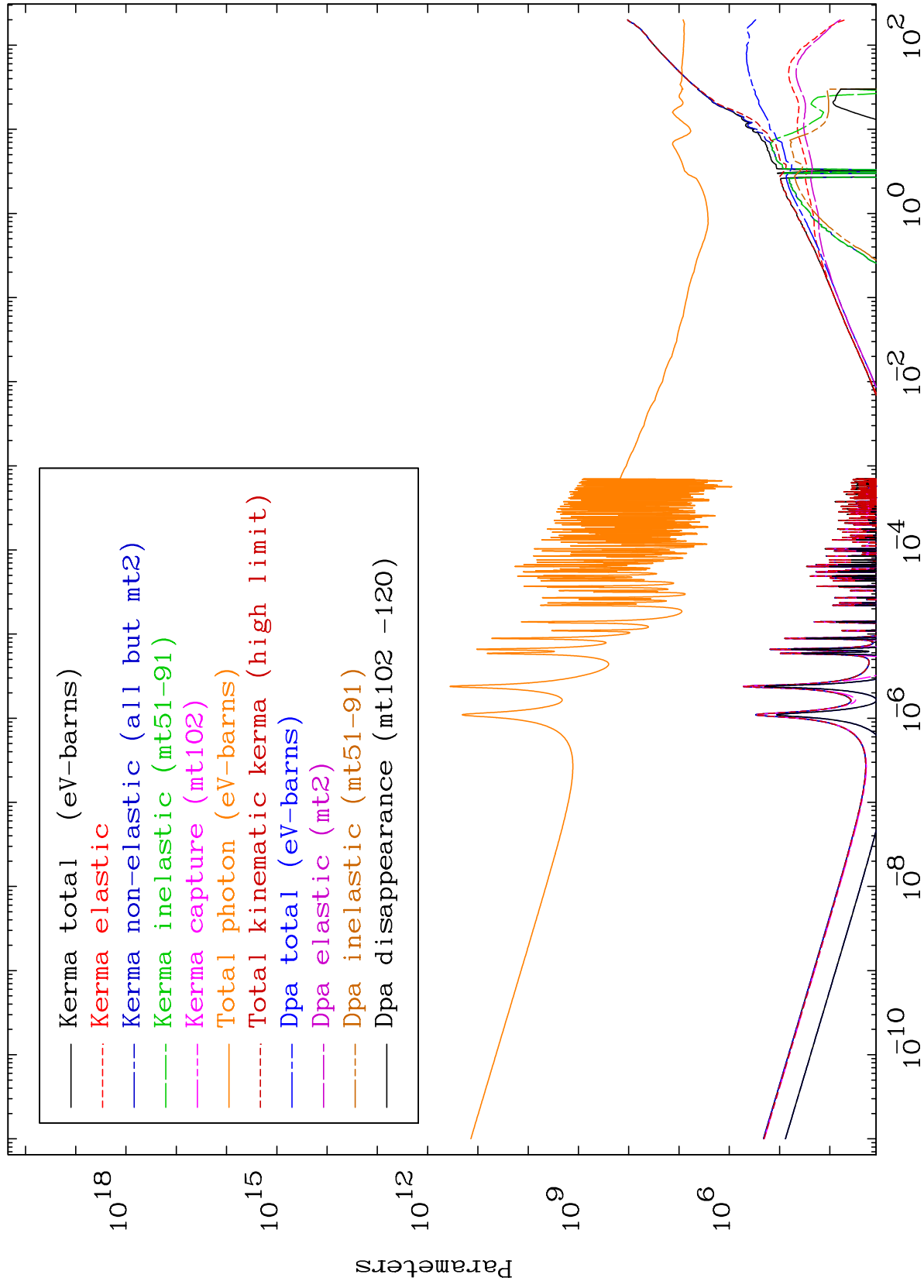
72-Hf-177

MAT 7234

(n,α) Levels  
293 Kelvin Cross Sections

72-Hf-177



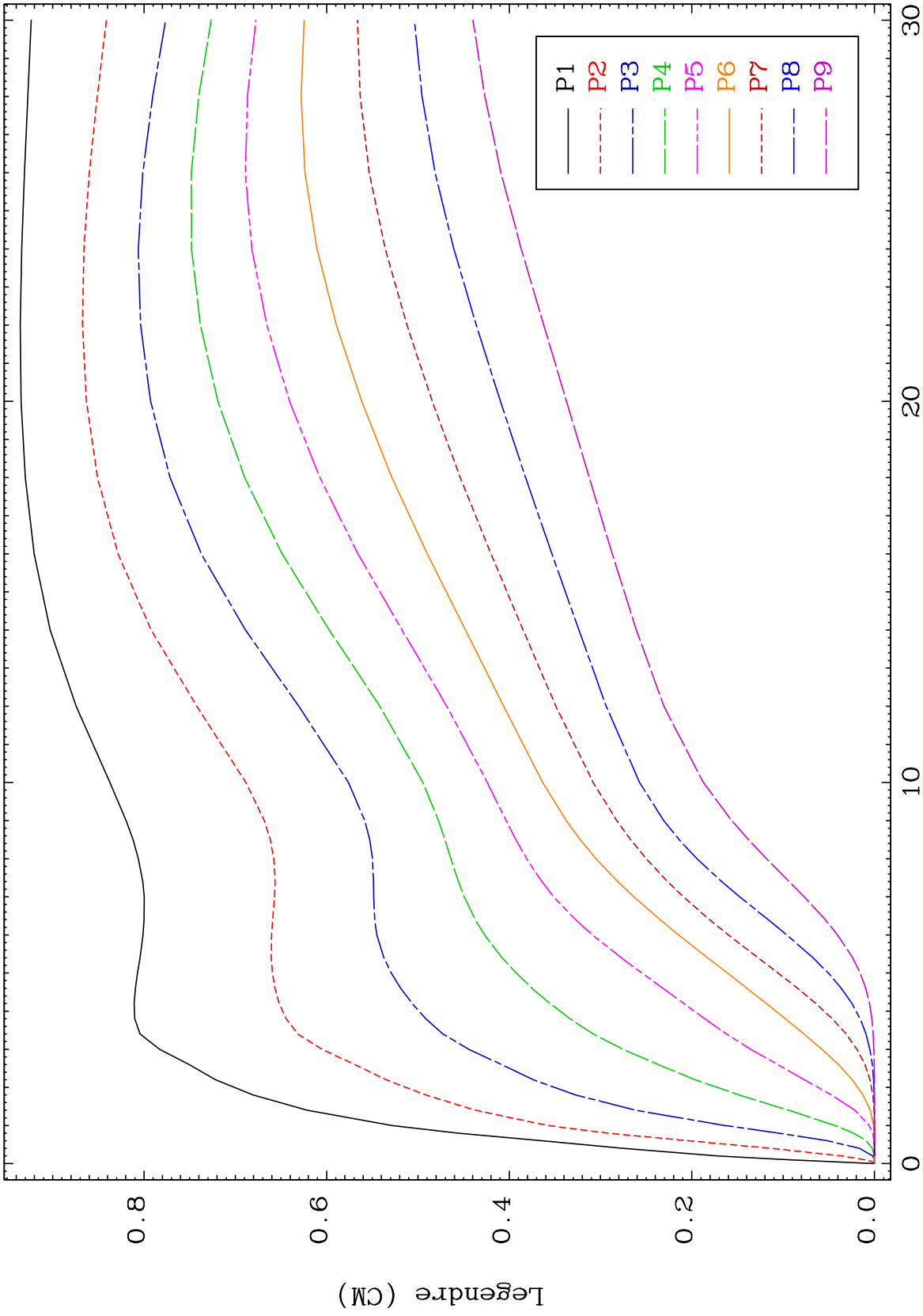




MAT 7234

Elastic Legendre Coefficients

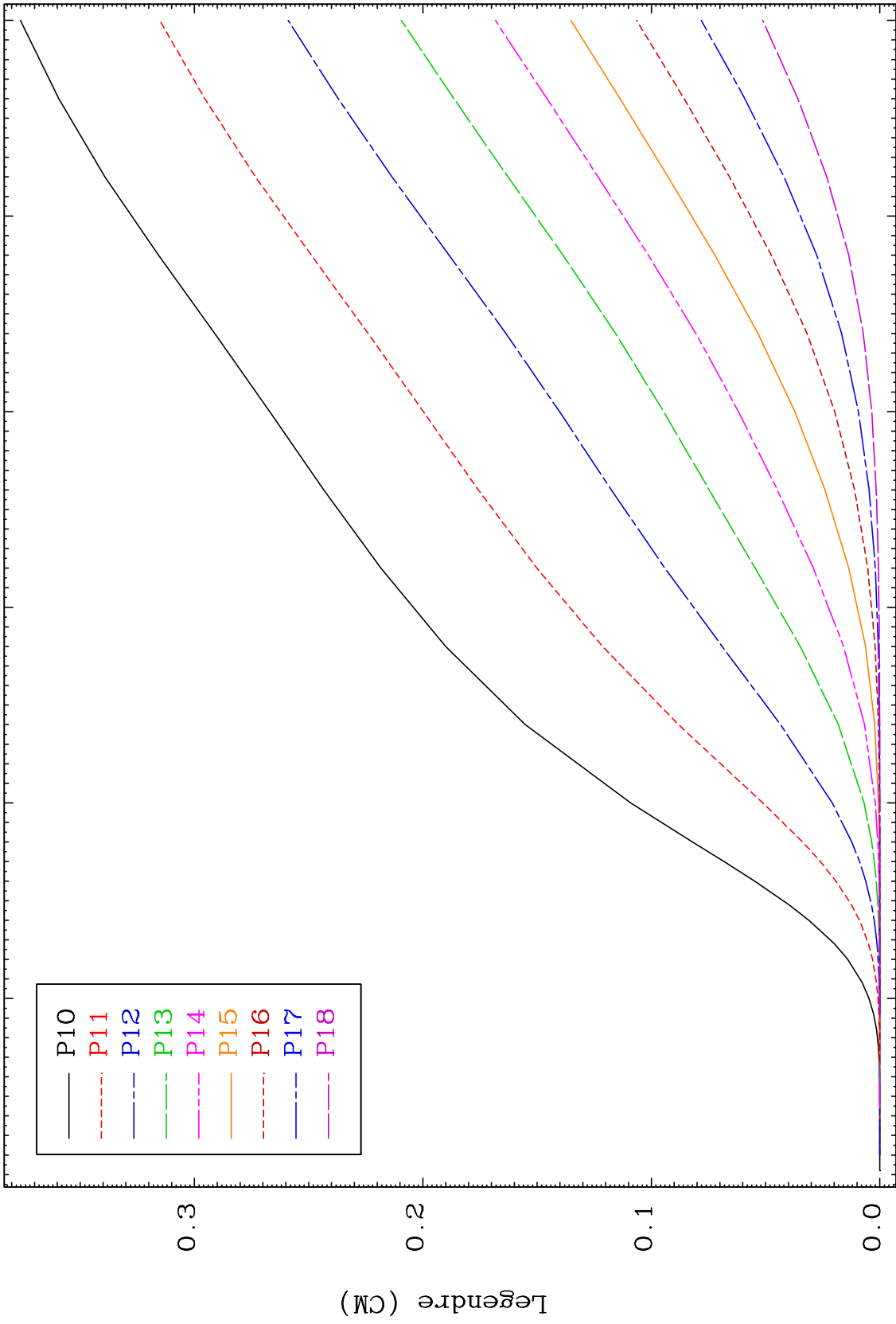
72-Hf-177



16

Incident Energy (MeV)

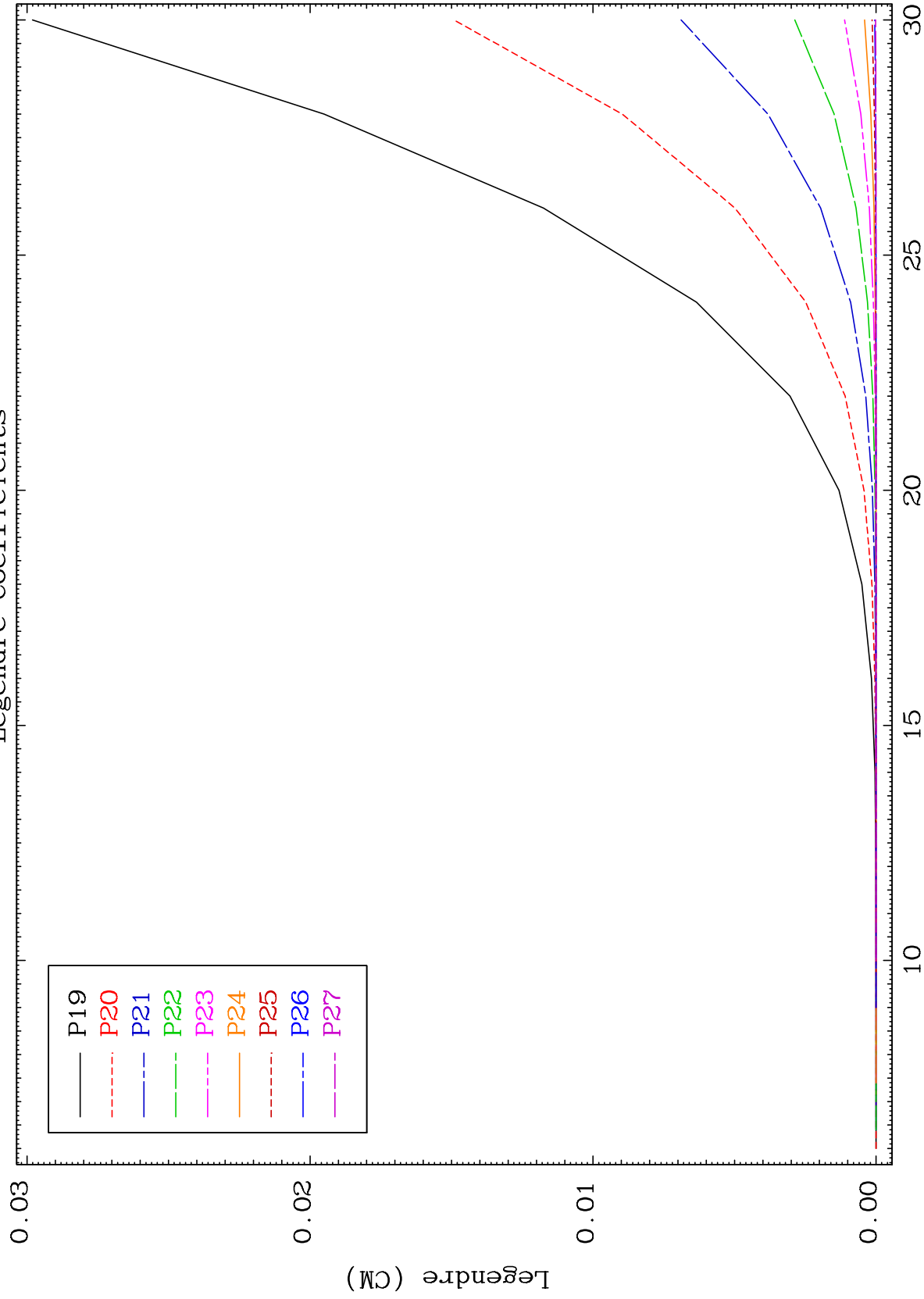
72-Hf-177



MAT 7234

### Elastic Legendre Coefficients

72-Hf-177



18

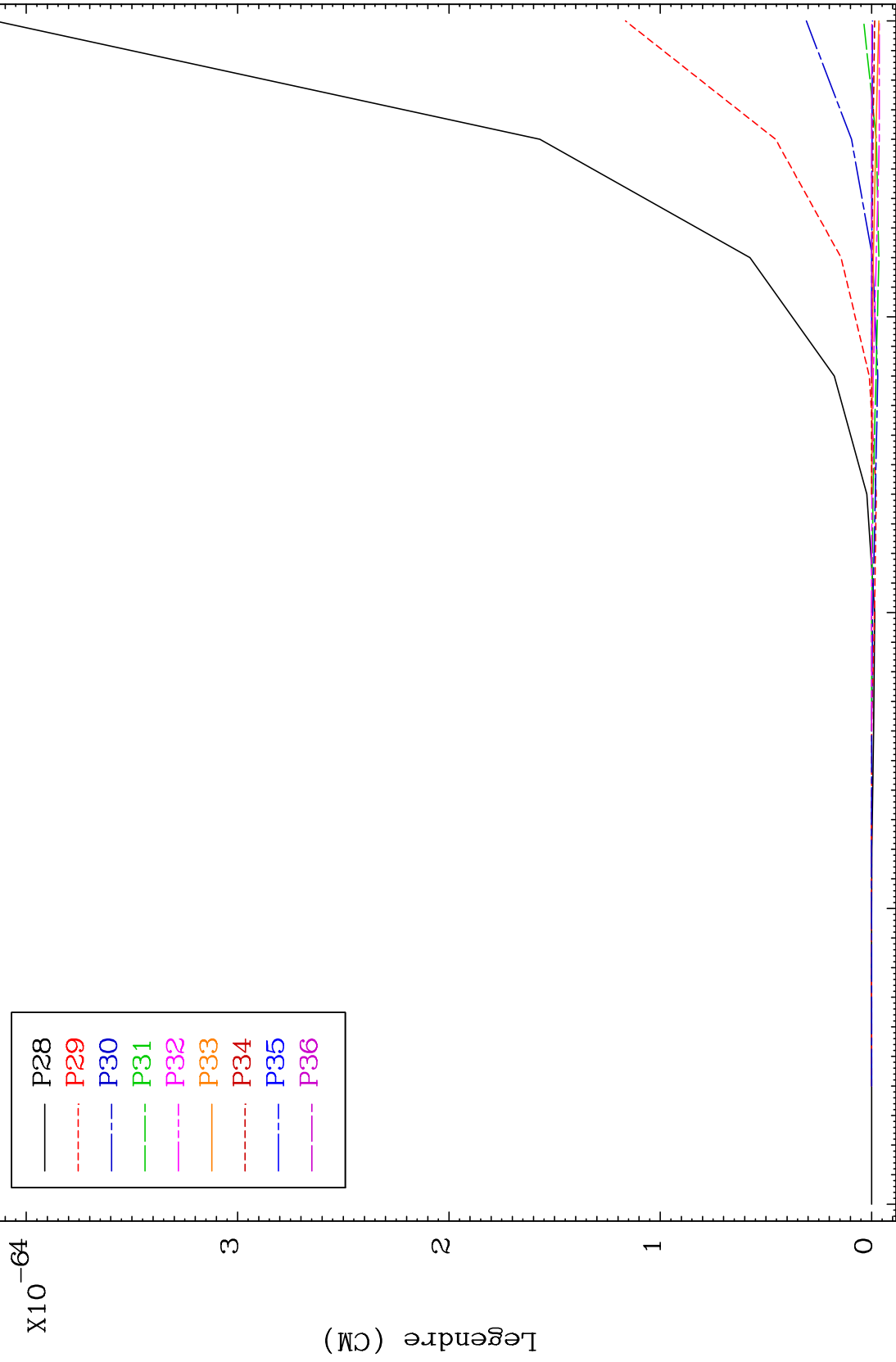
Incident Energy (MeV)

72-Hf-177

MAT 7234

Elastic Legendre Coefficients

72-Hf-177



19

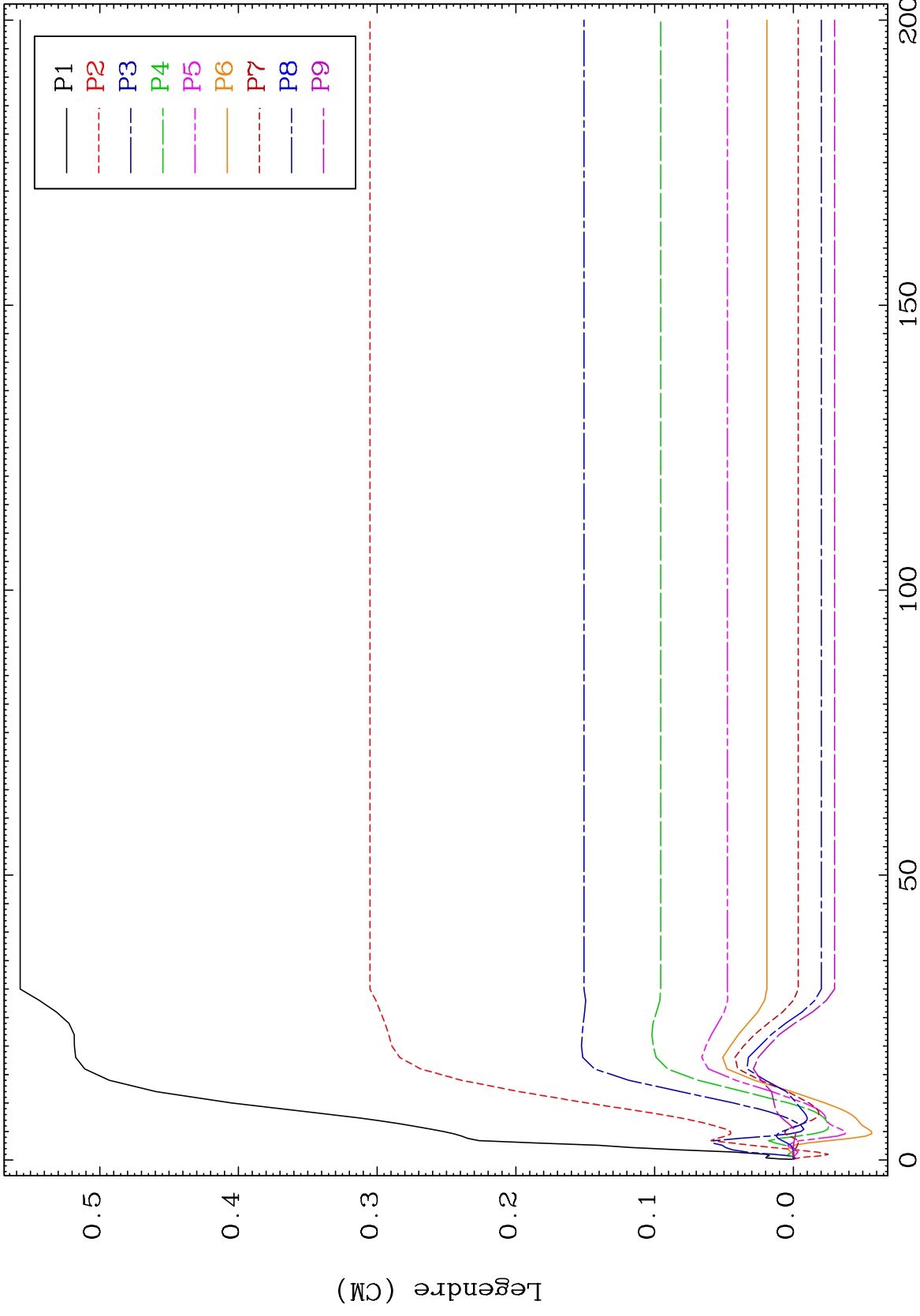
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



20

Incident Energy (MeV)

50

100

150

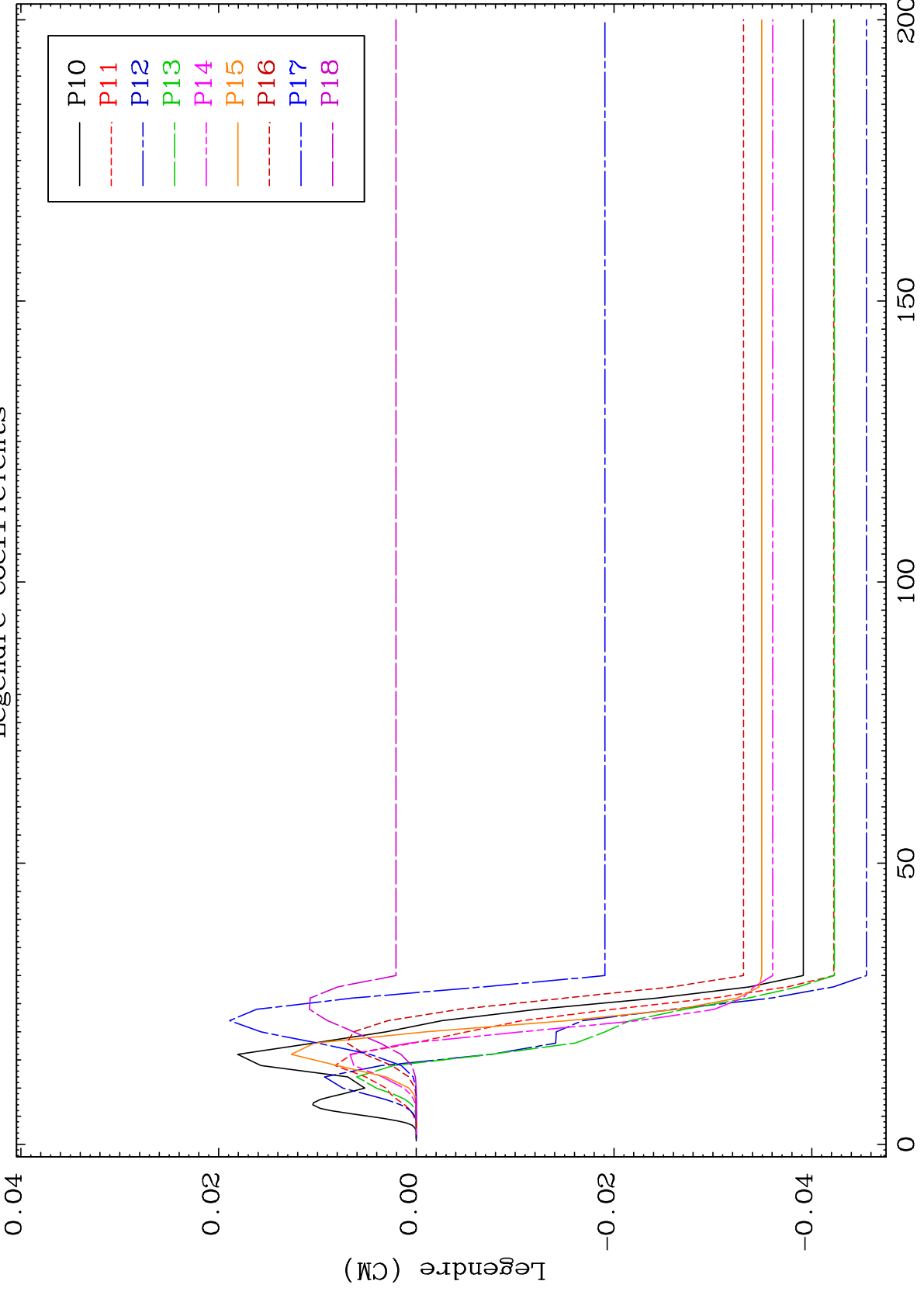
200

72-Hf-177

MAT 7234

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

72-Hf-177



21

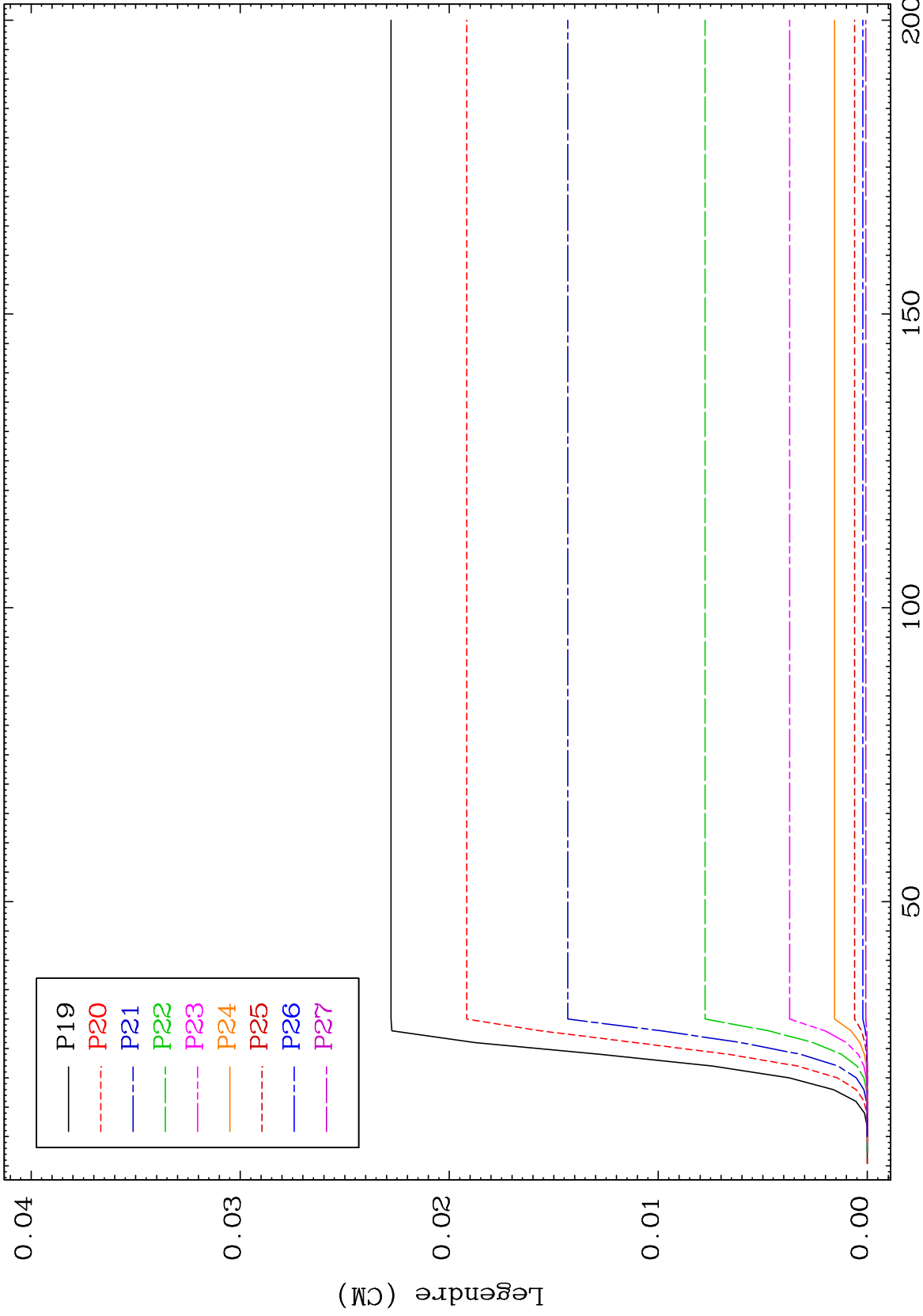
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



22

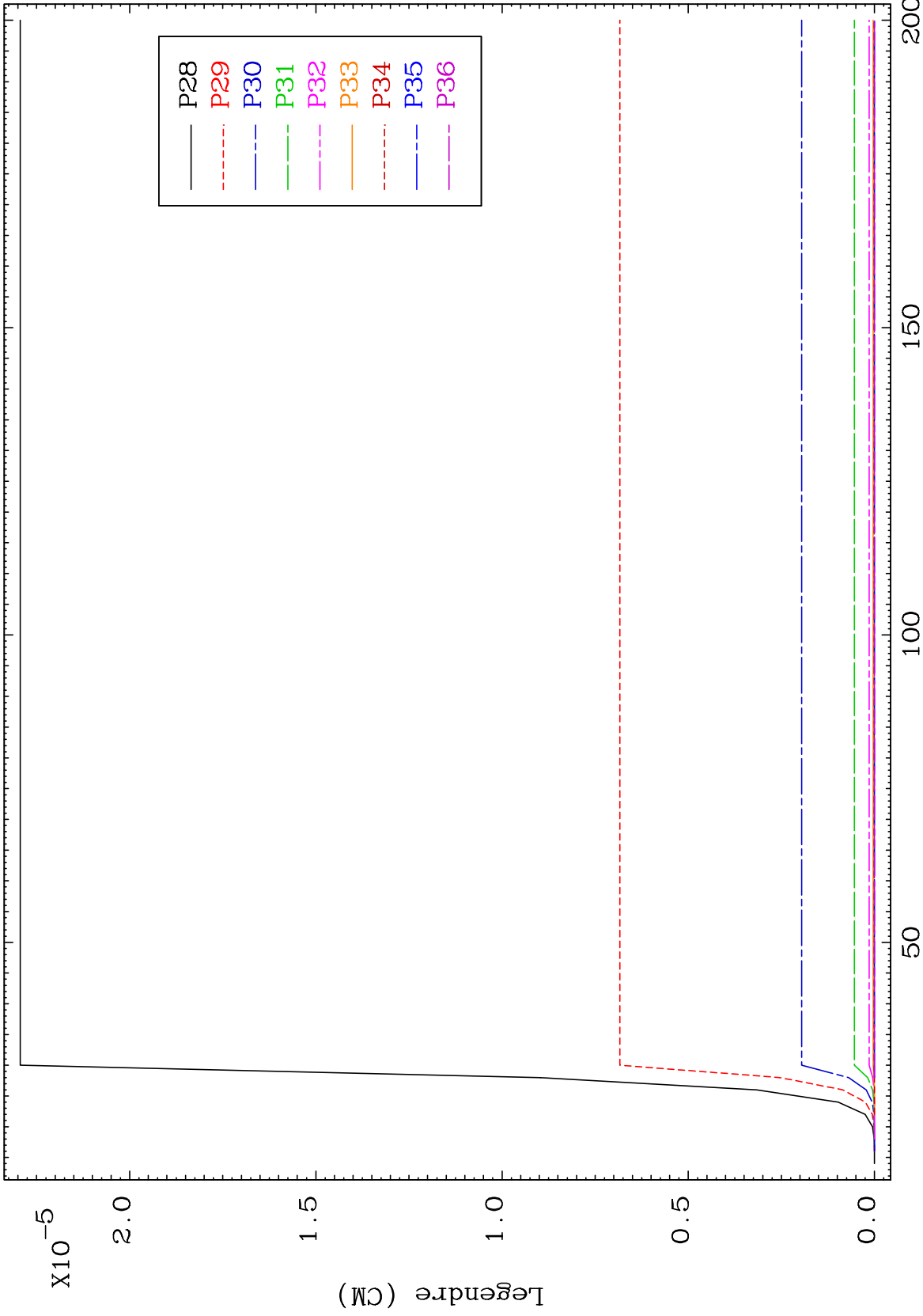
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



23

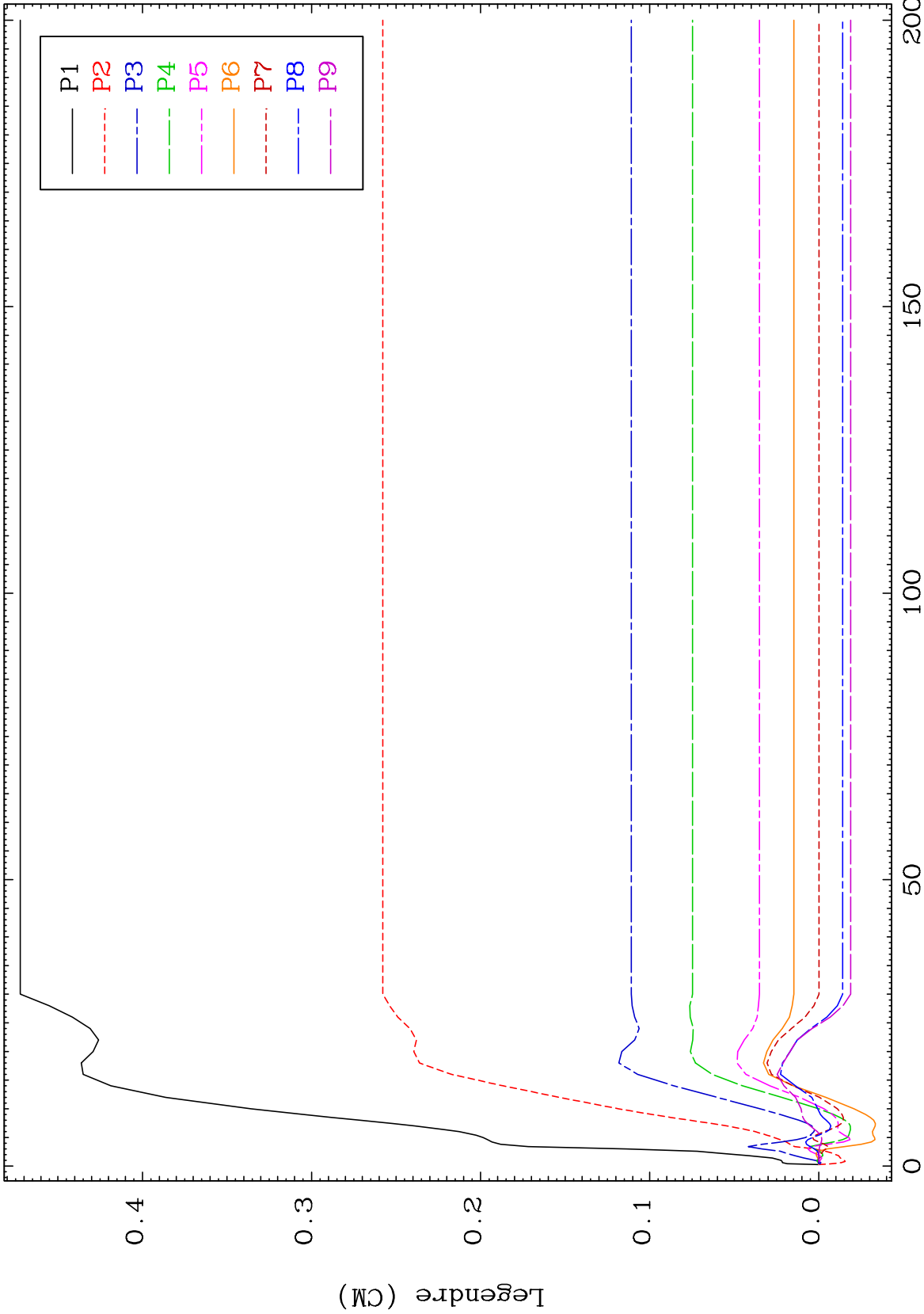
72-Hf-177



MAT 7234

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

72-Hf-177



24

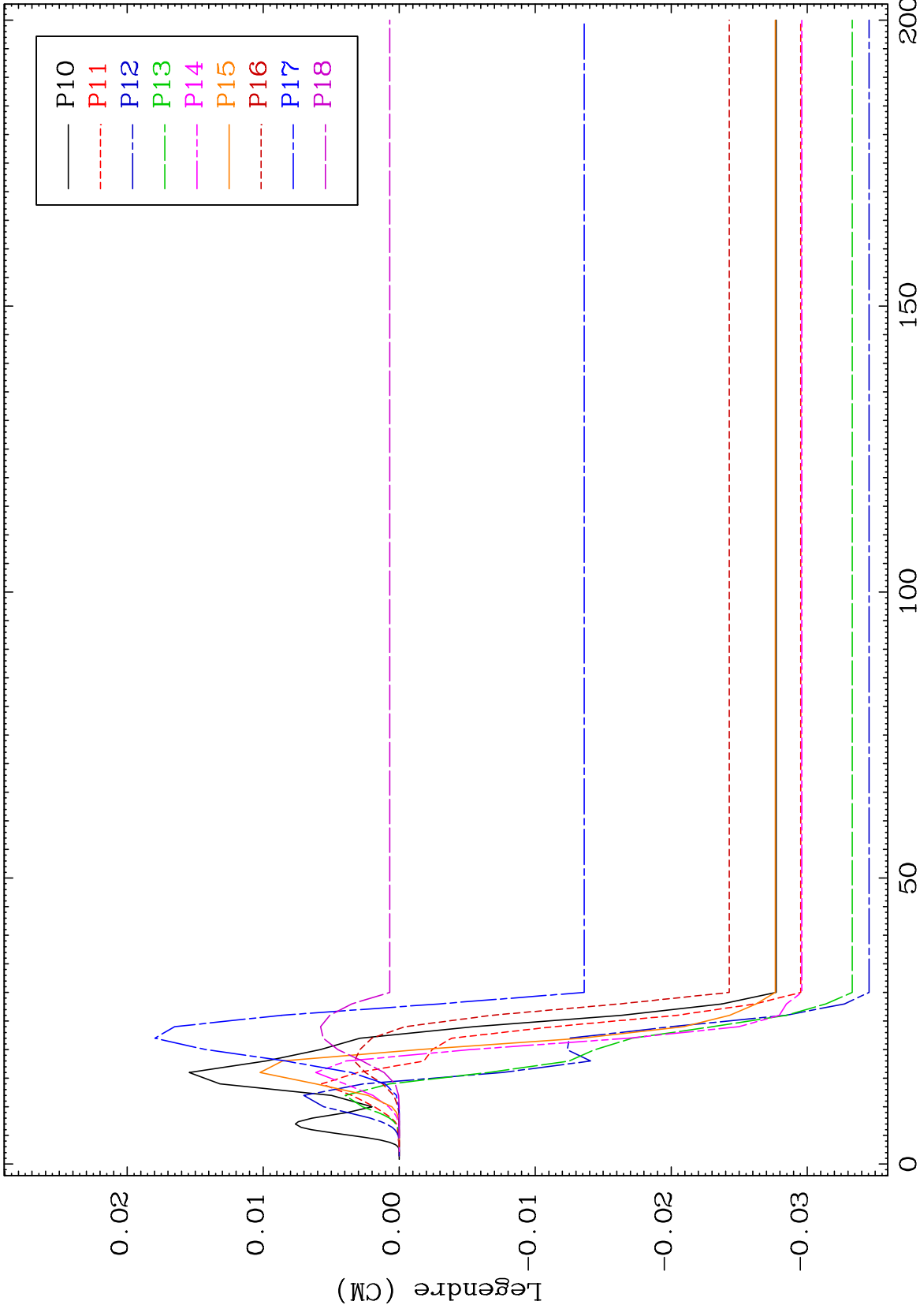
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

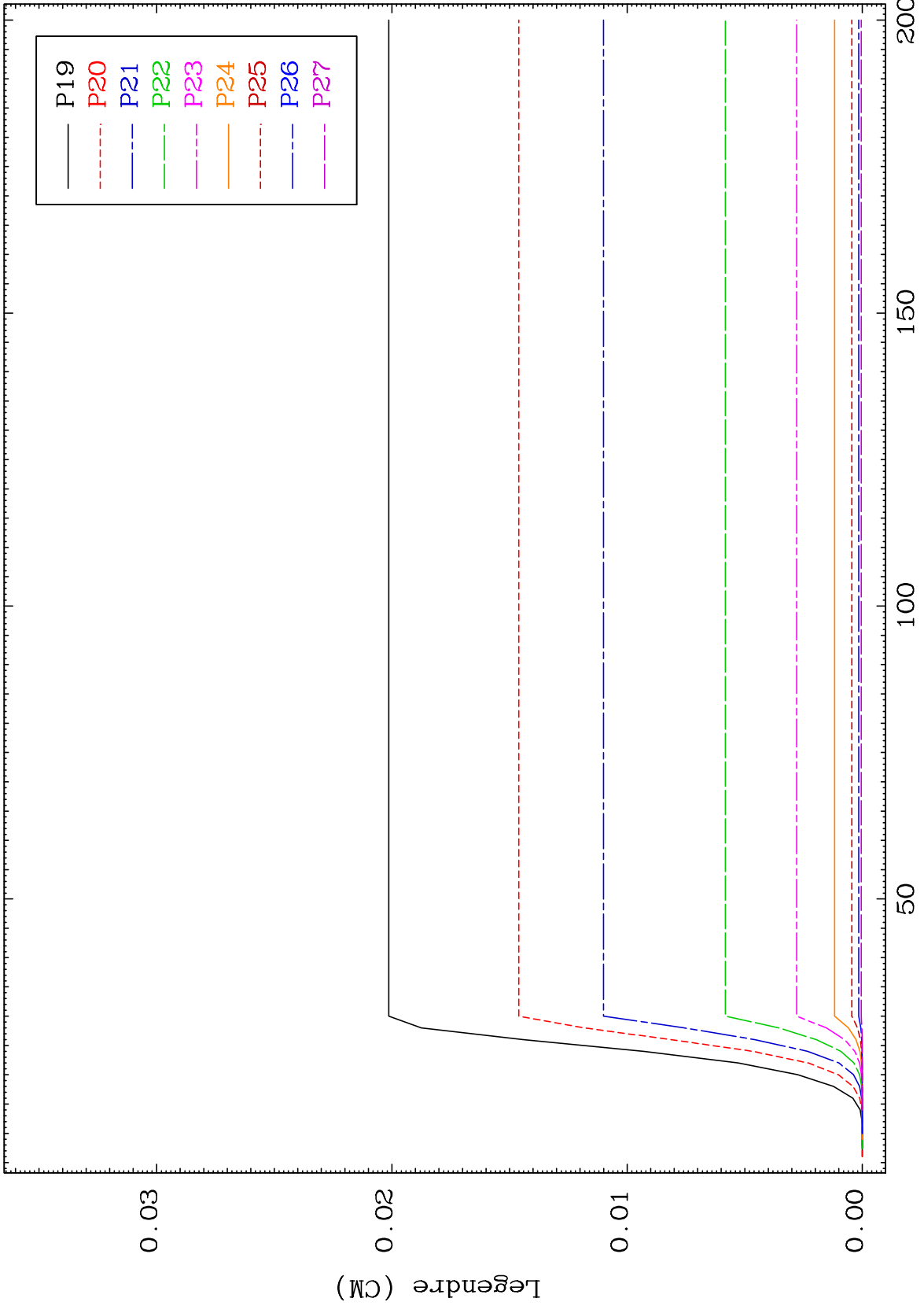
72-Hf-177



25

Incident Energy (MeV)

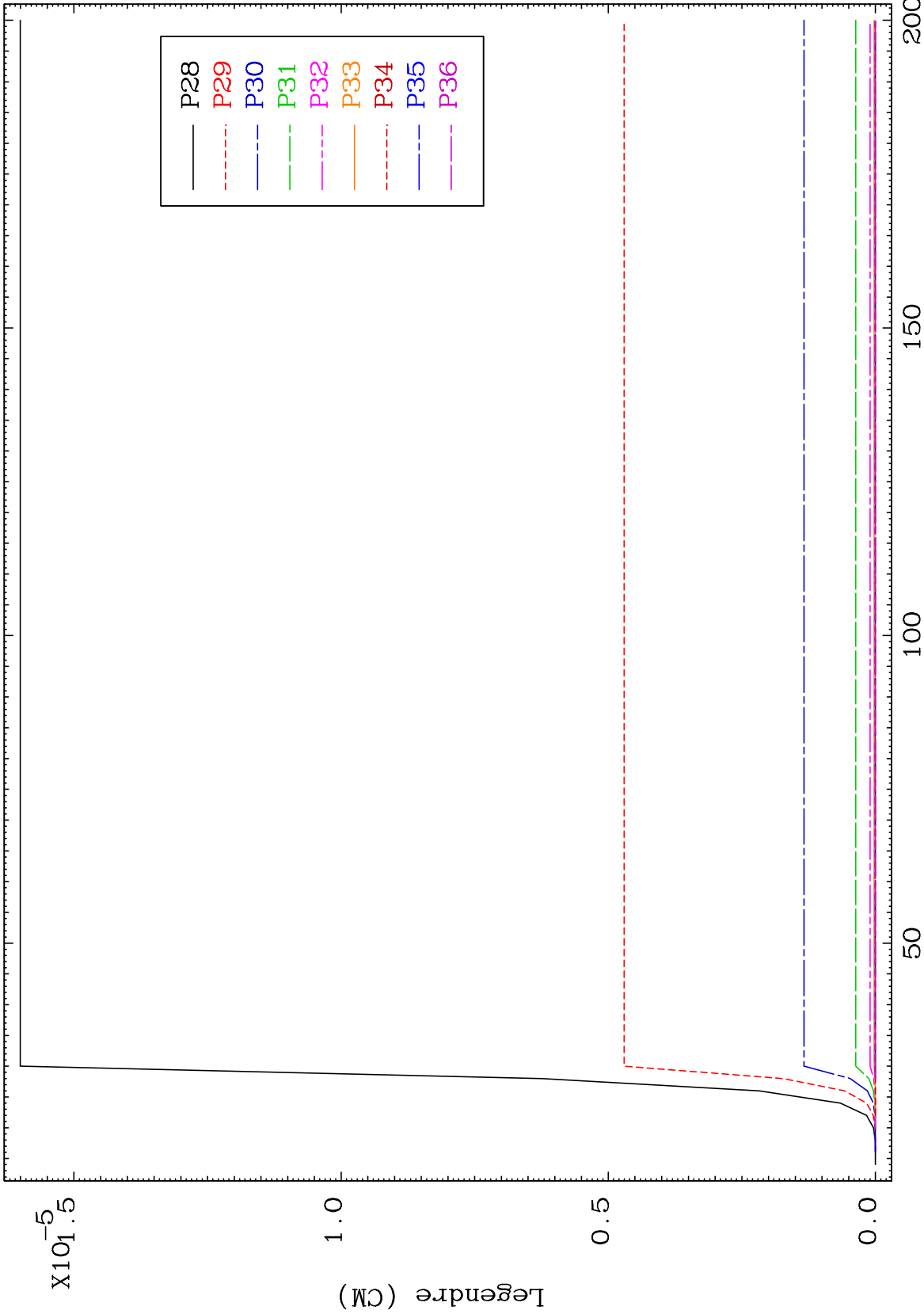
72-Hf-177



MAT 7234

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

72-Hf-177



27

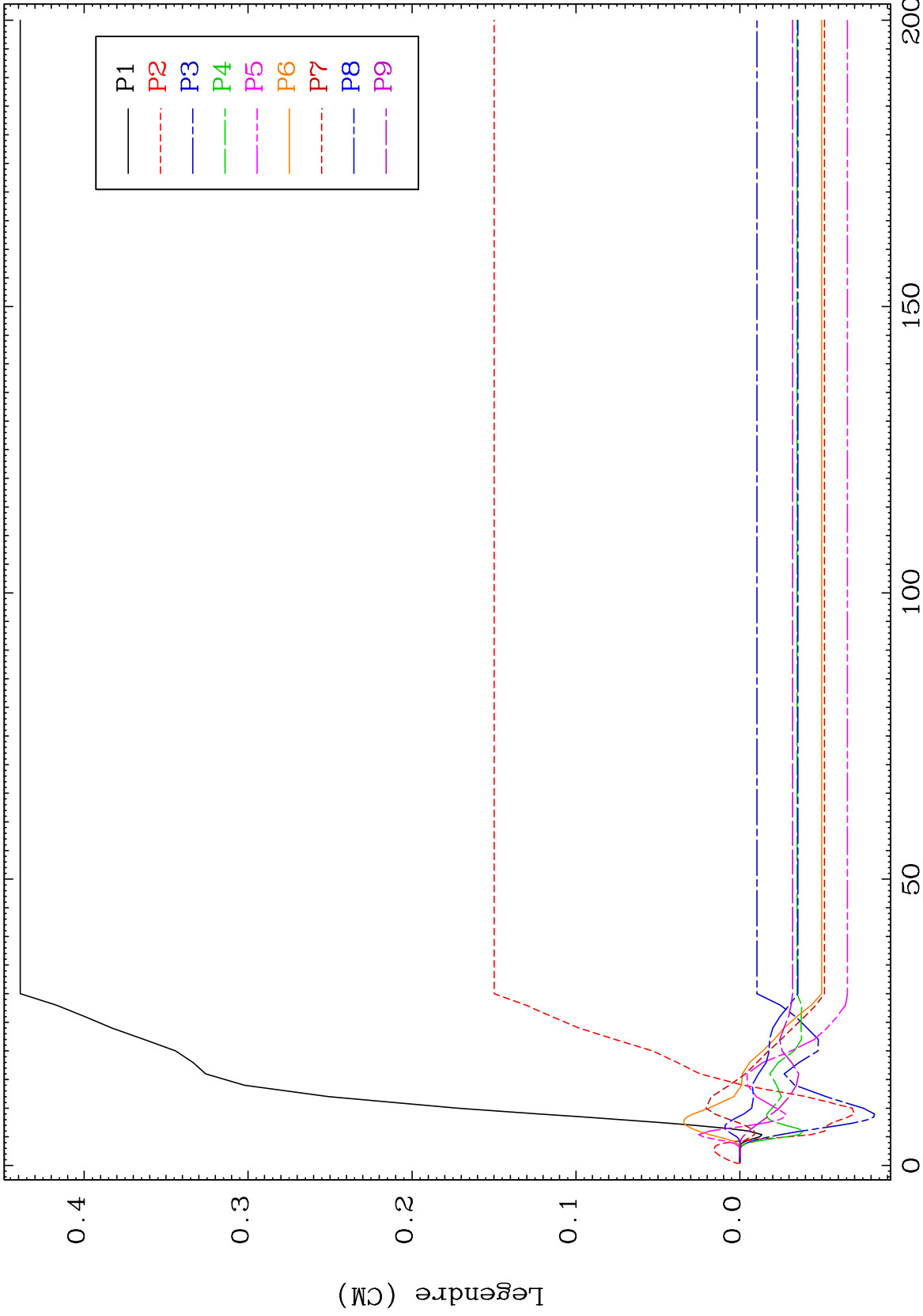
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



28

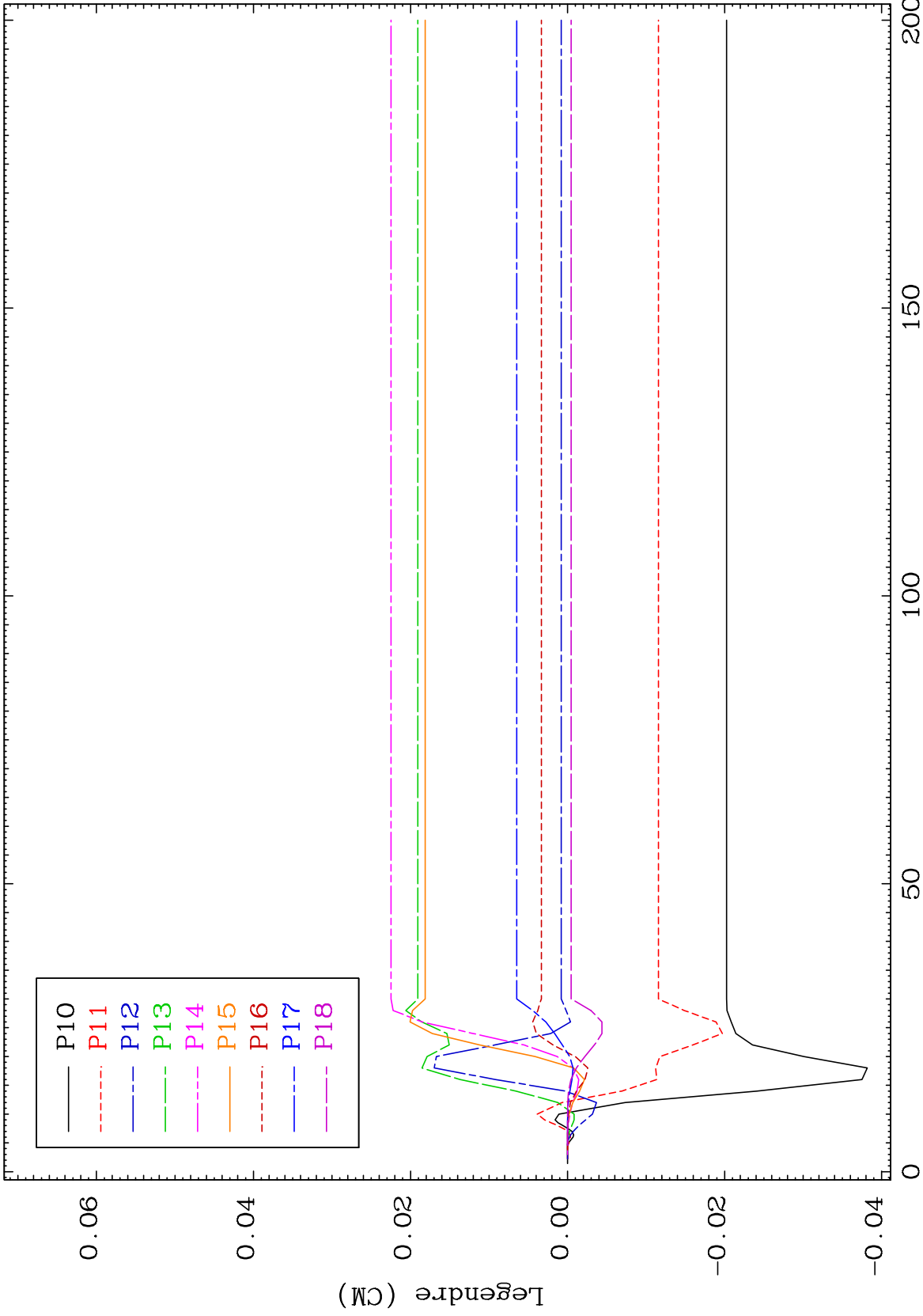
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



29

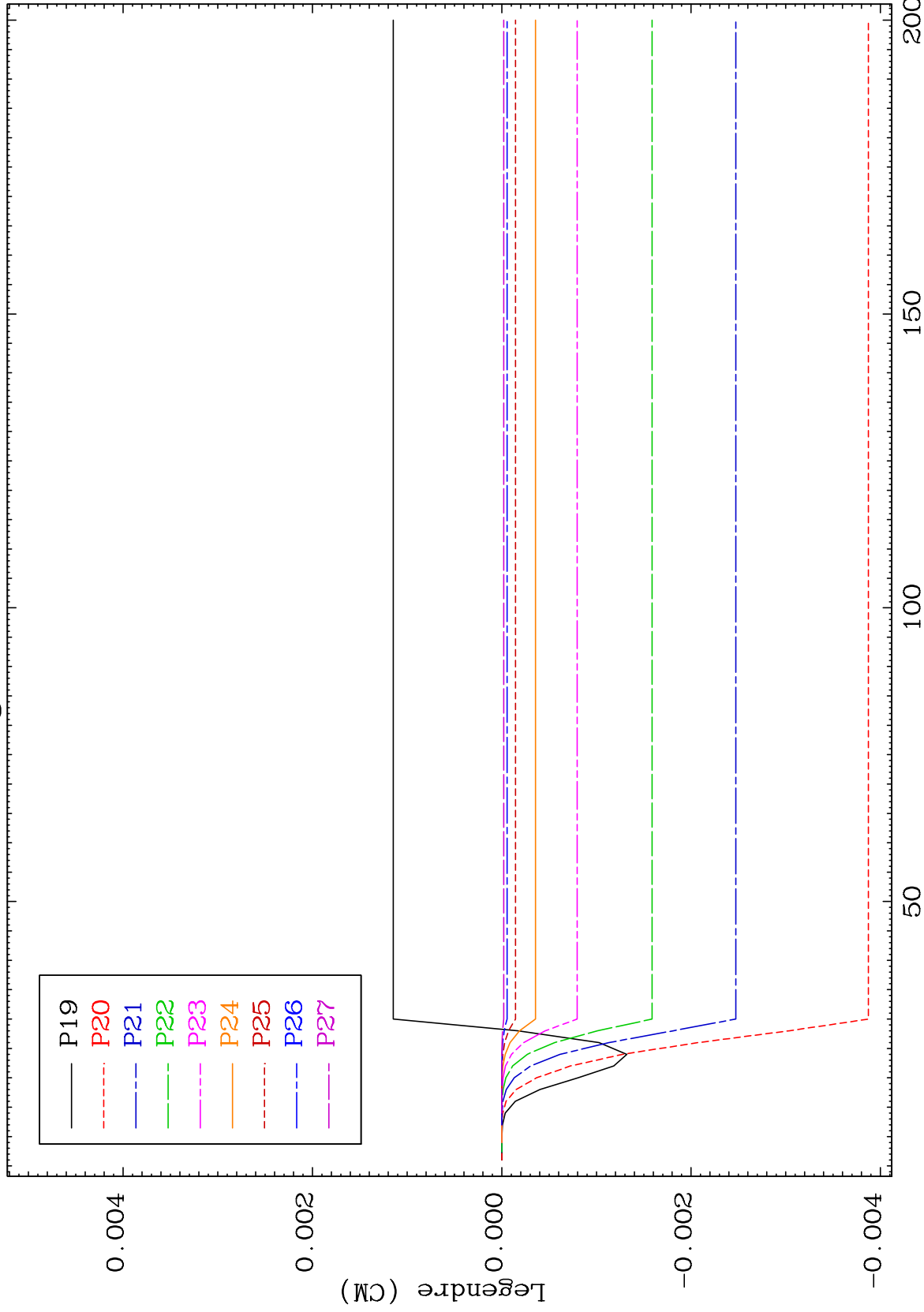
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



30

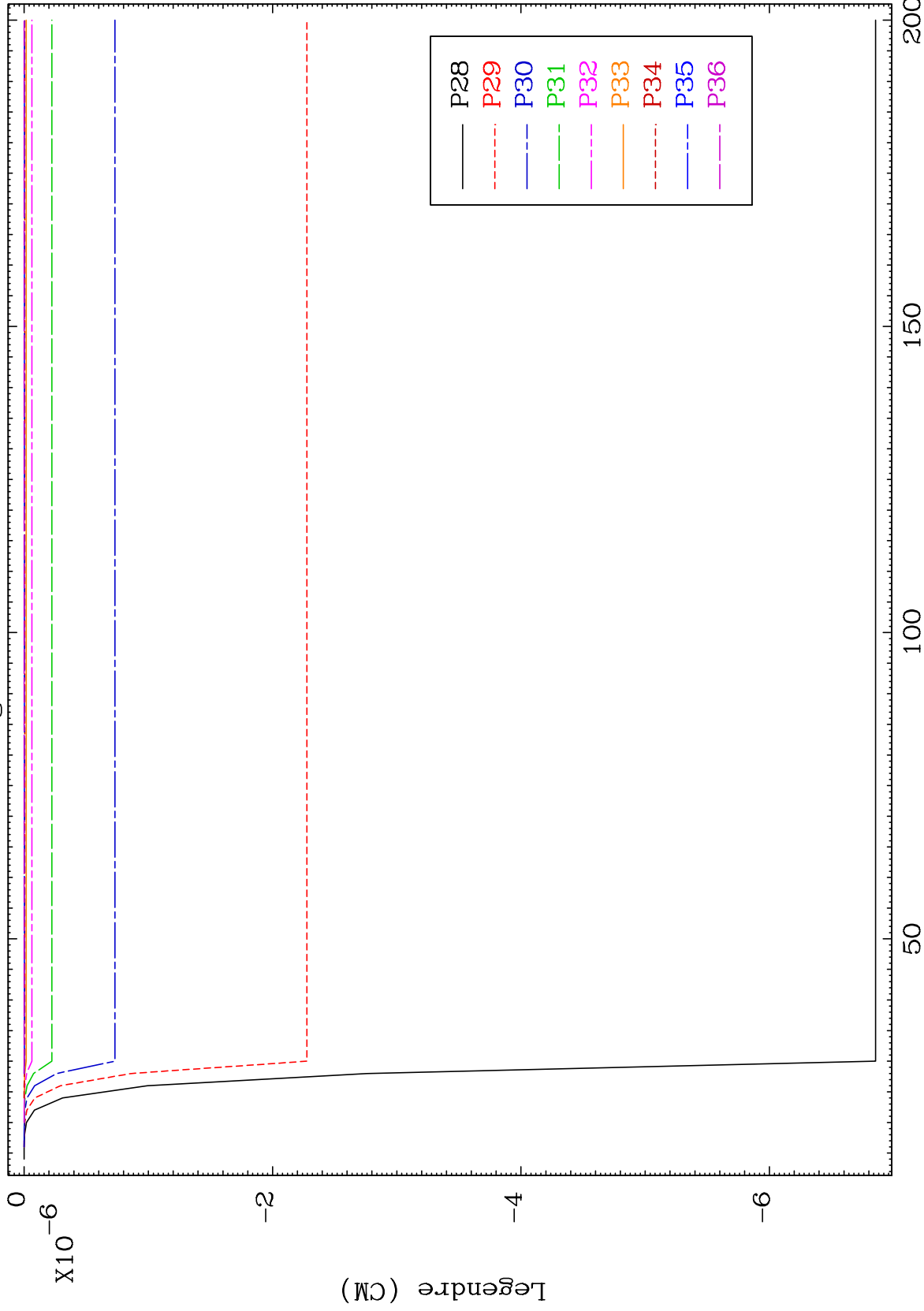
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



31

Incident Energy (MeV)

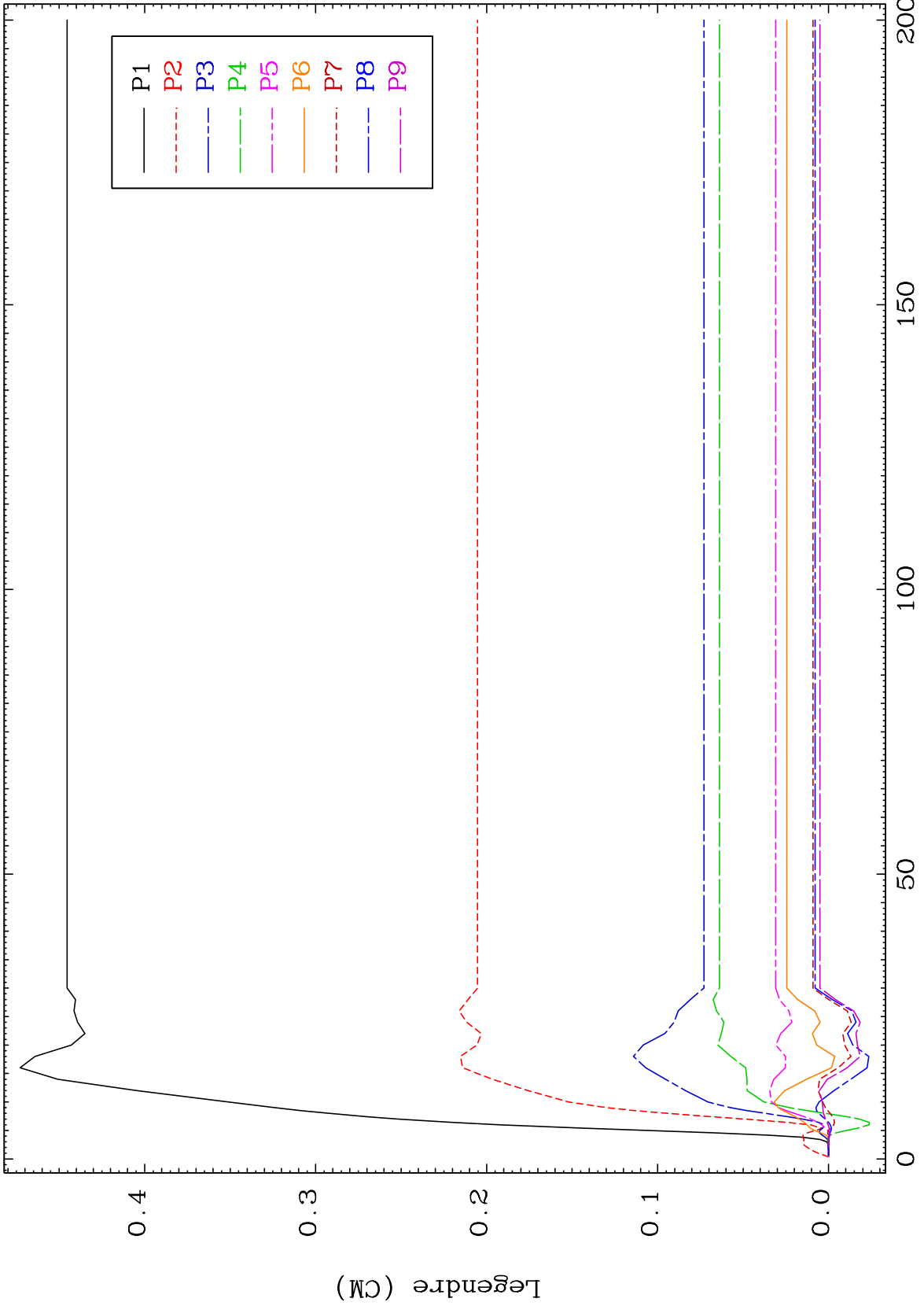
72-Hf-177



MAT 7234

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

72-Hf-177



32

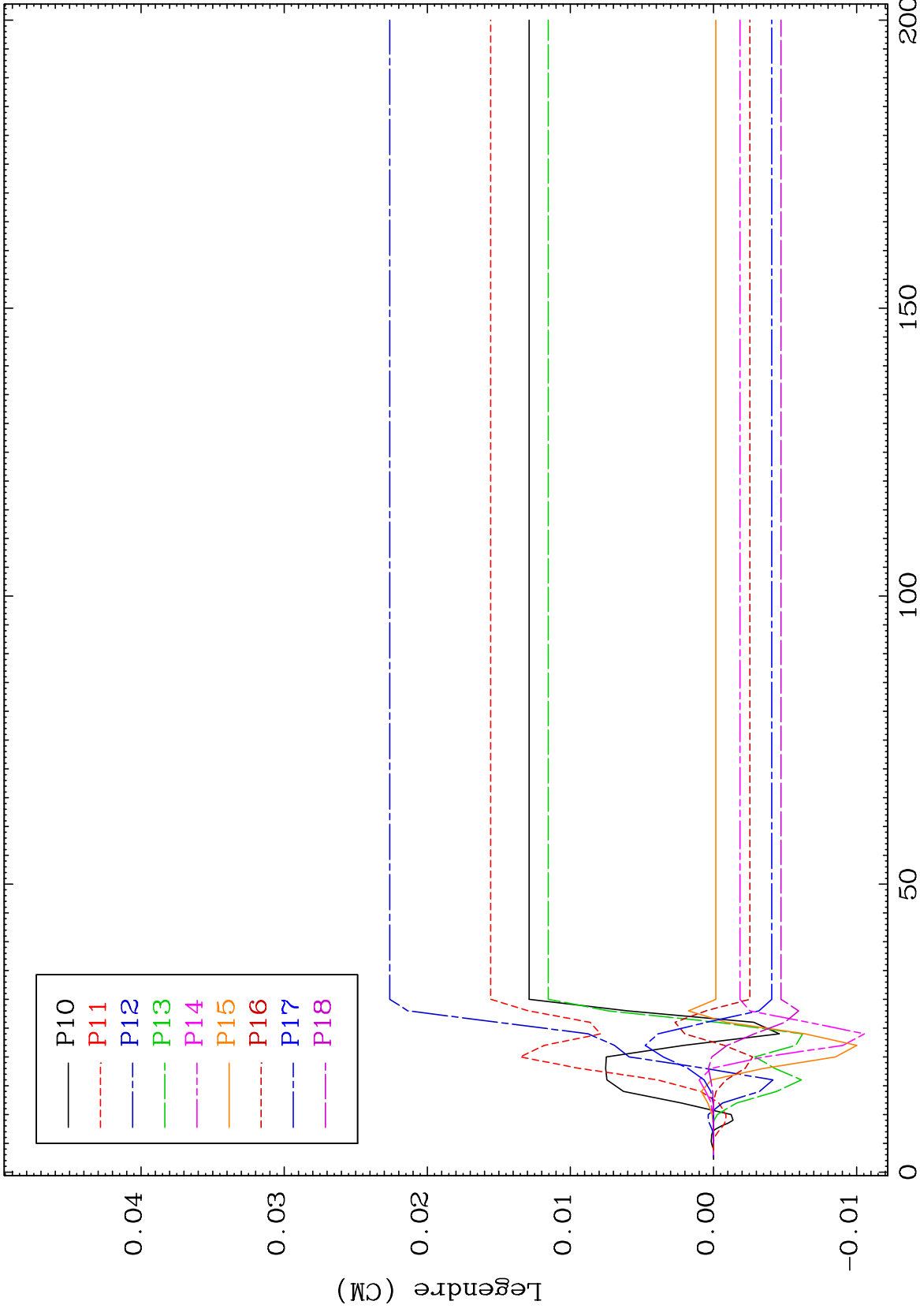
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



33

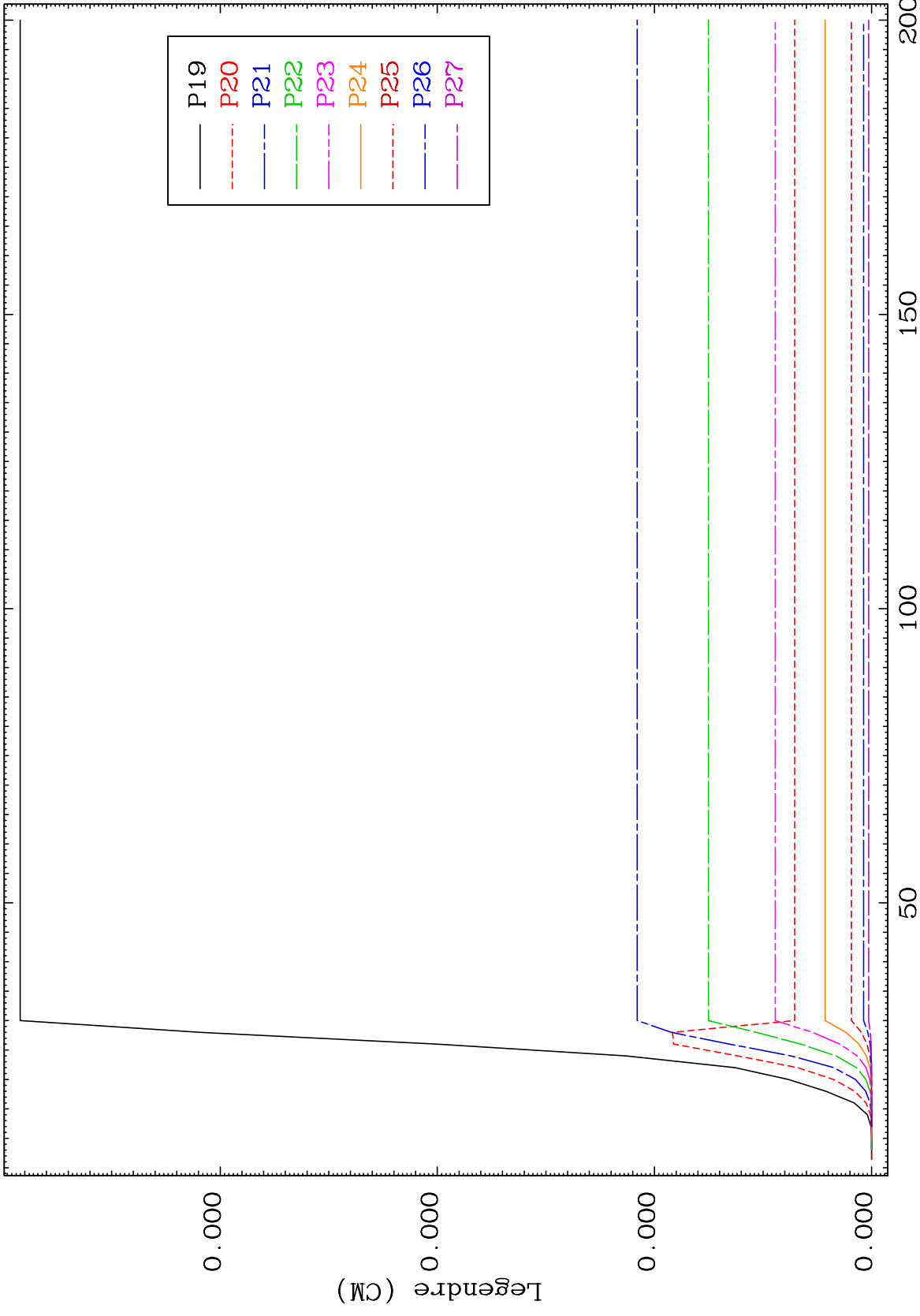
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



34

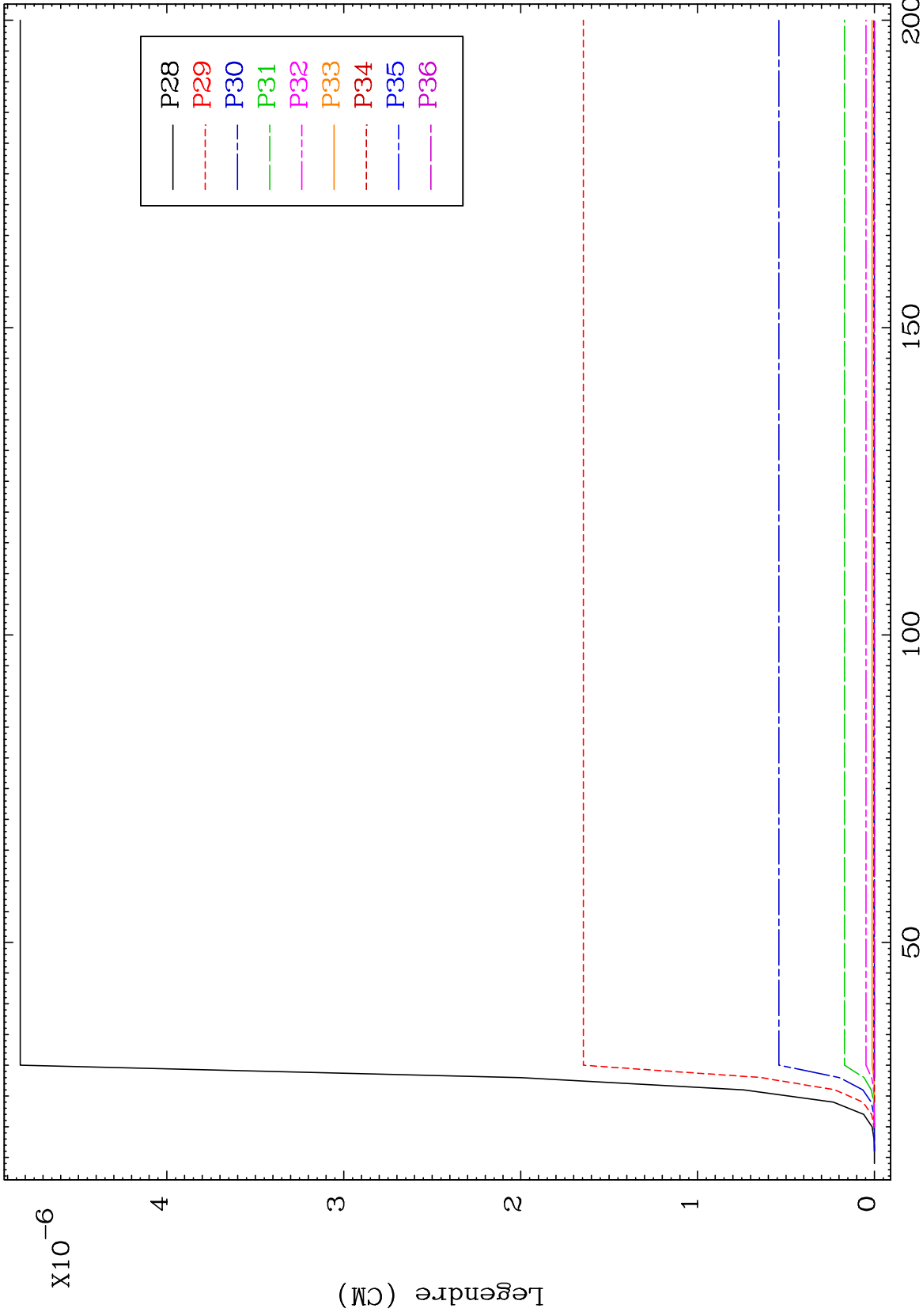
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



35

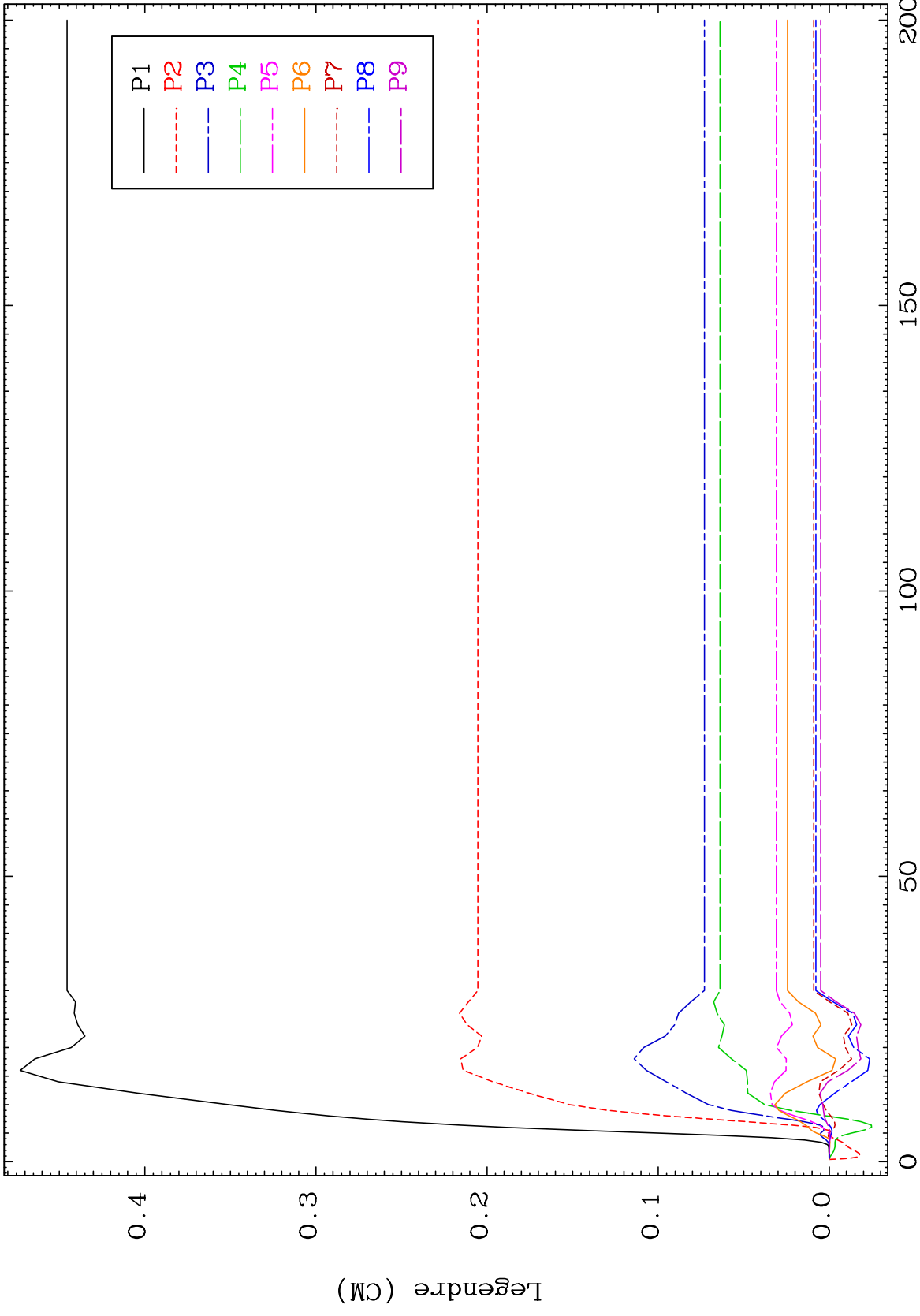
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



36

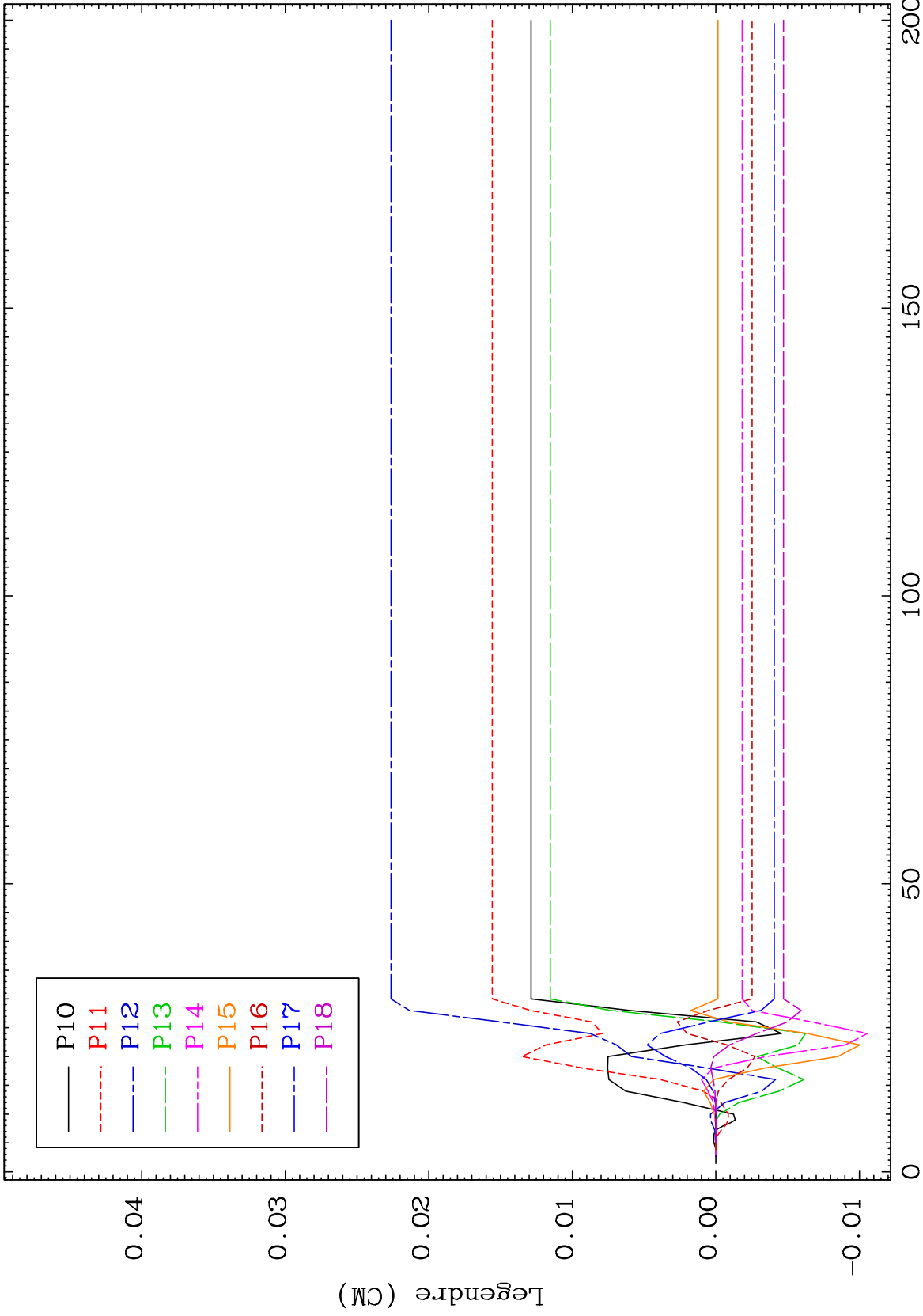
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



37

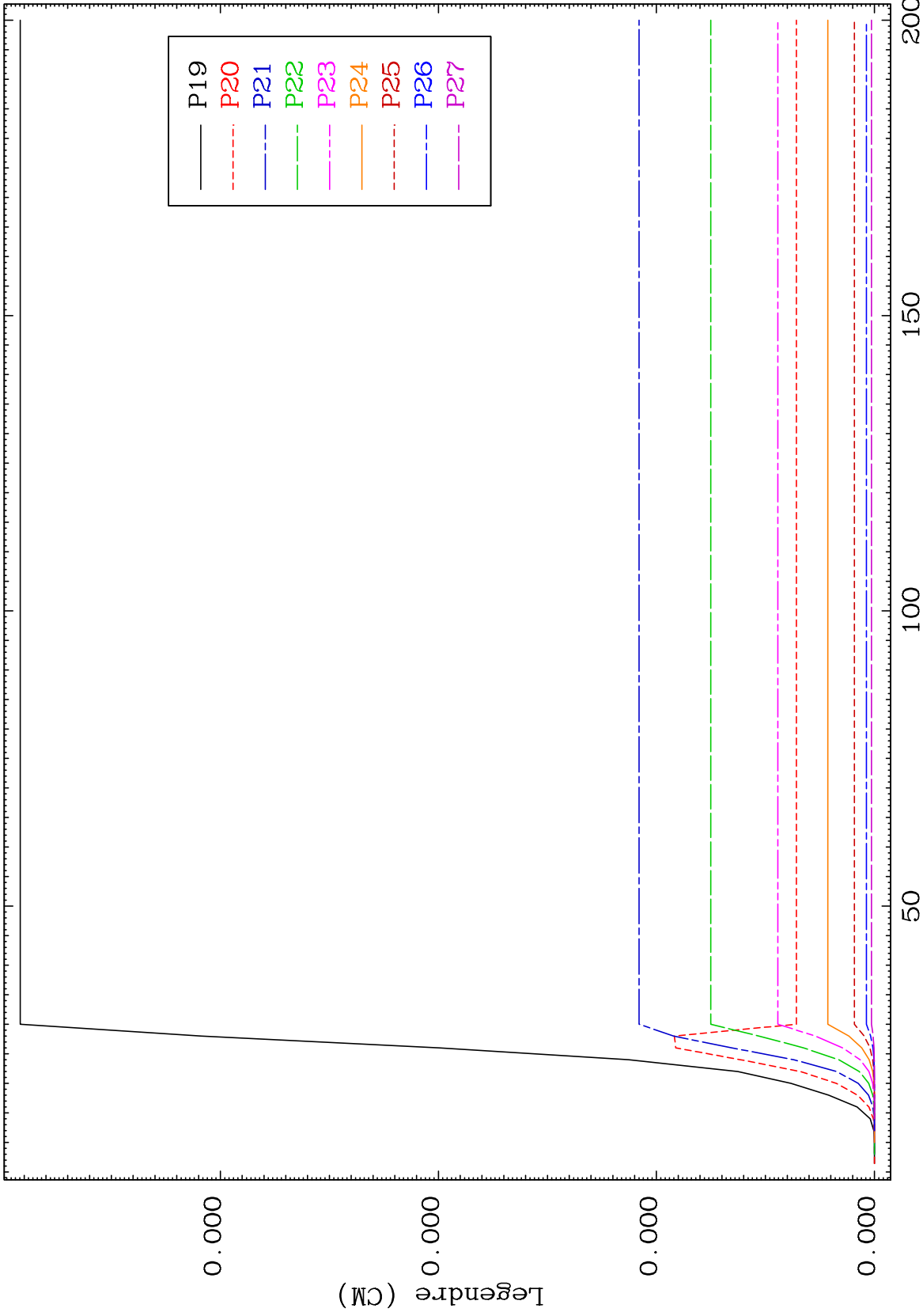
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



38

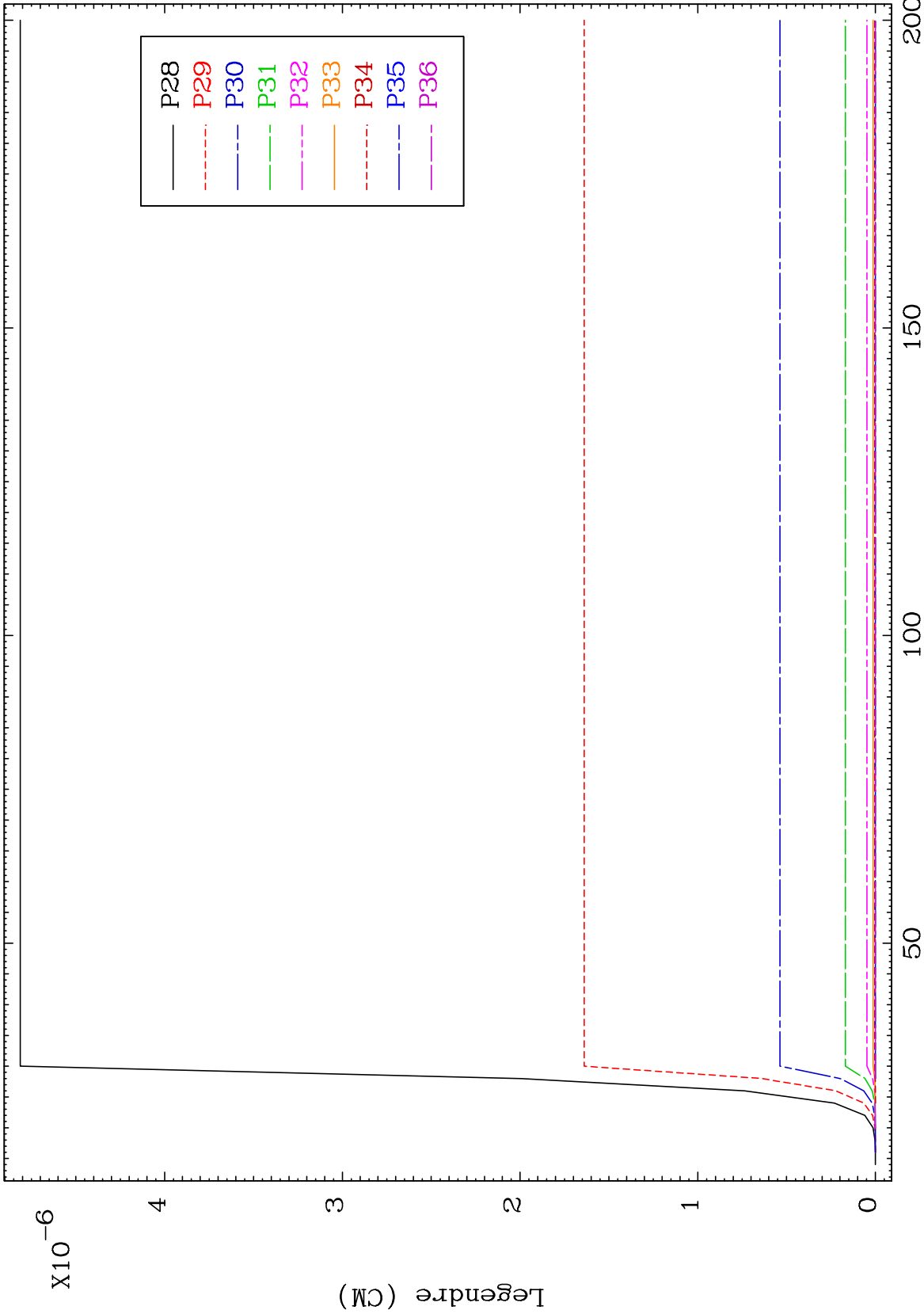
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



39

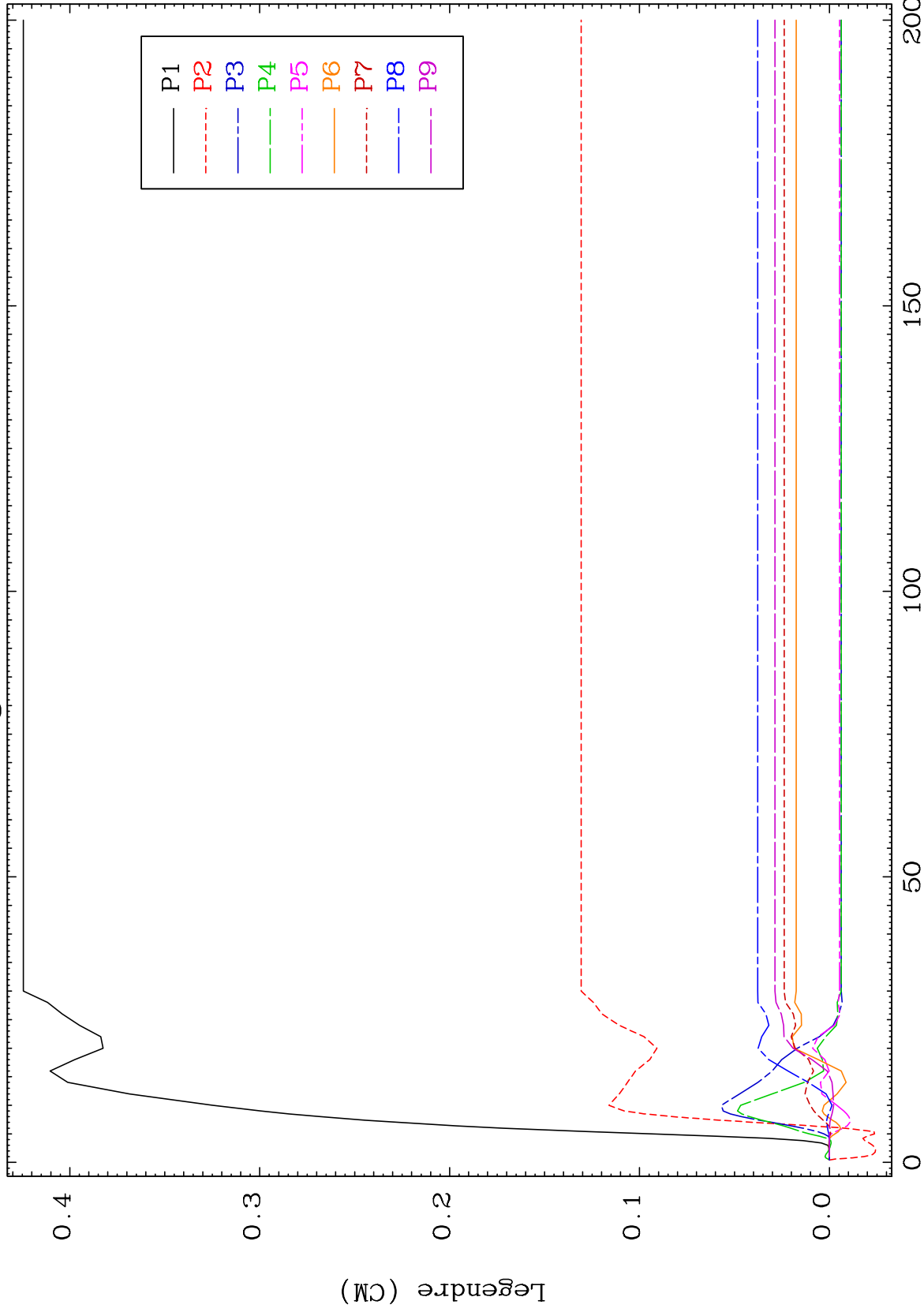
72-Hf-177



MAT 7234

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

72-Hf-177



72-Hf-177

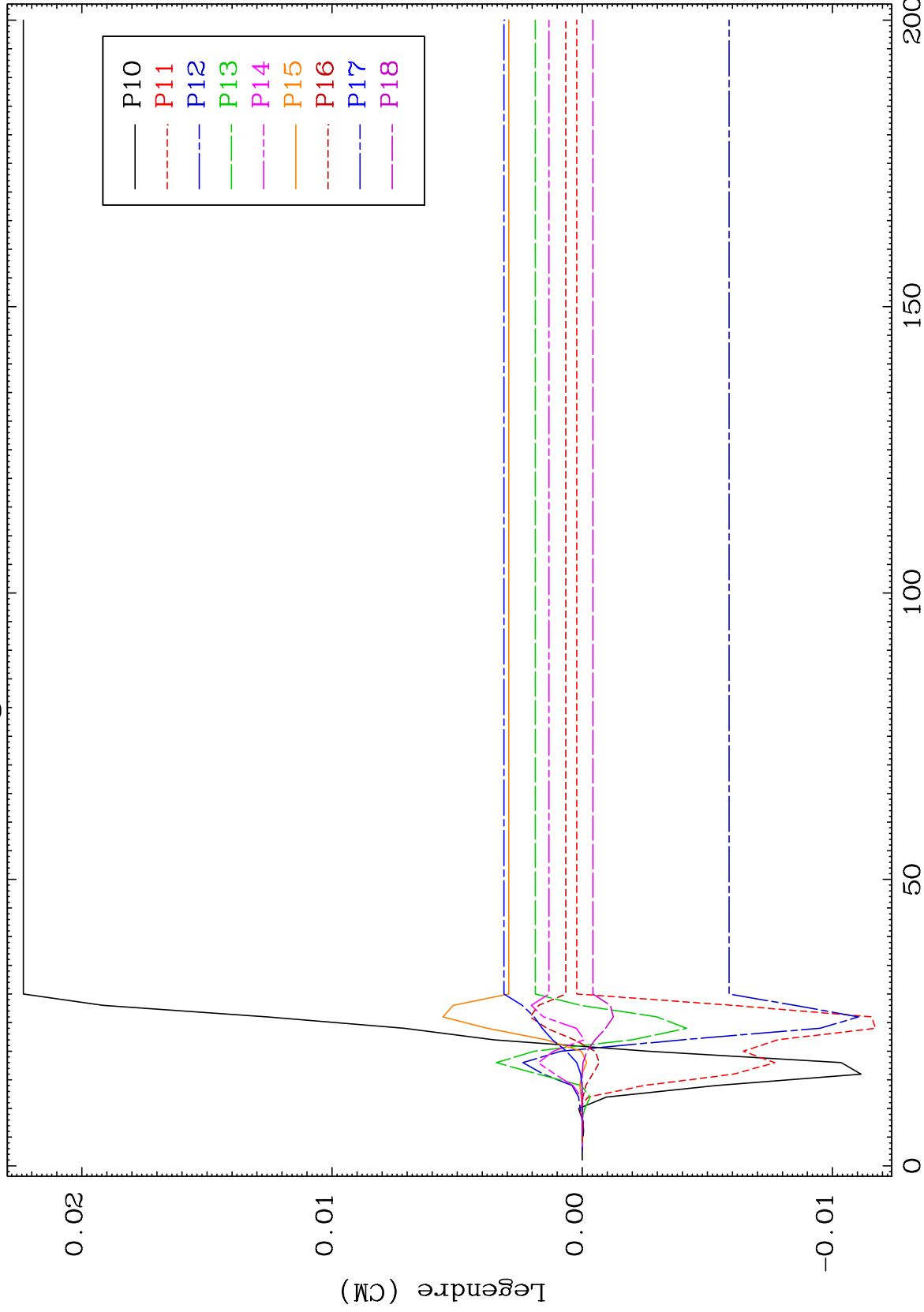
Incident Energy (MeV)

40

MAT 7234

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

72-Hf-177



41

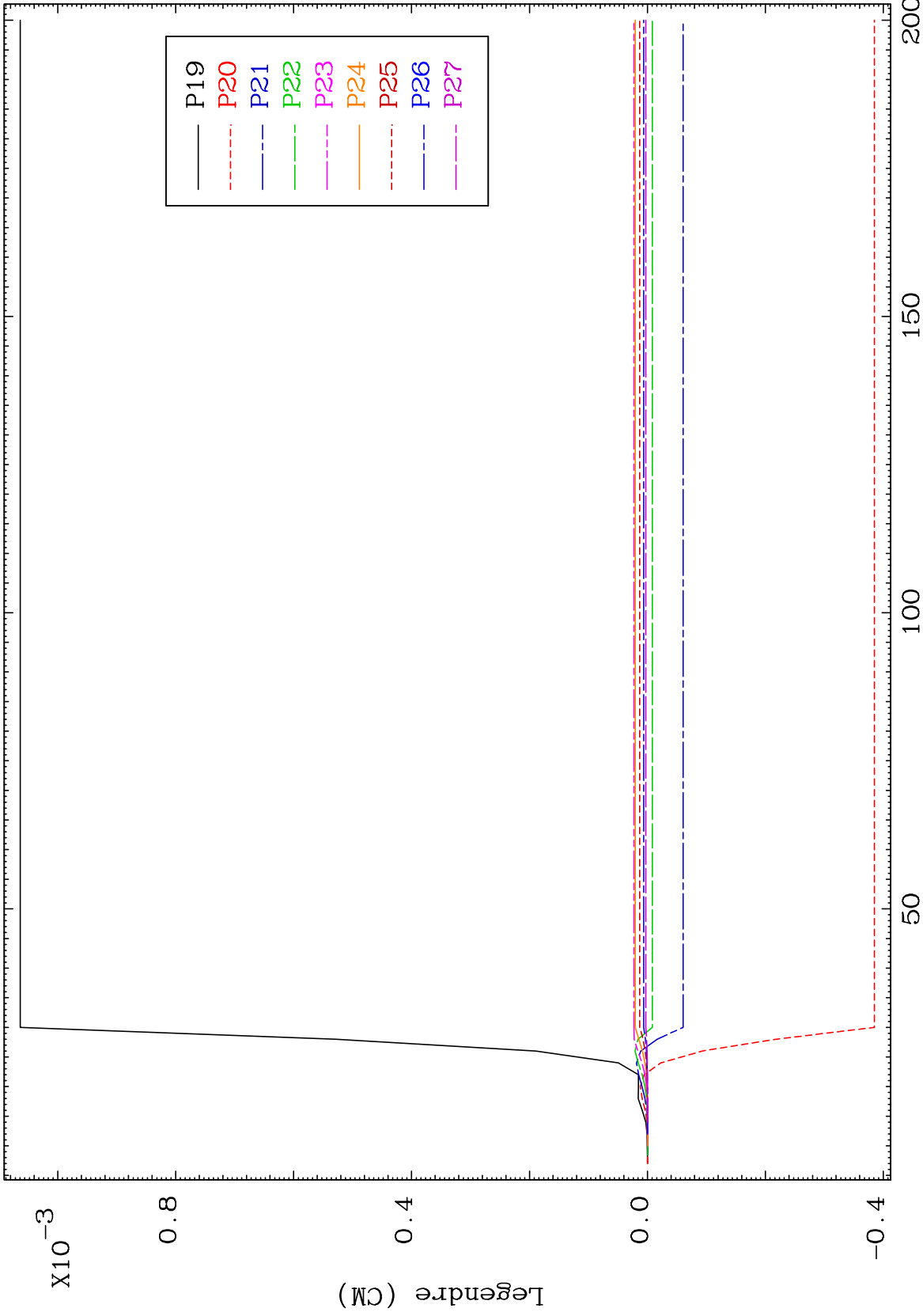
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



42

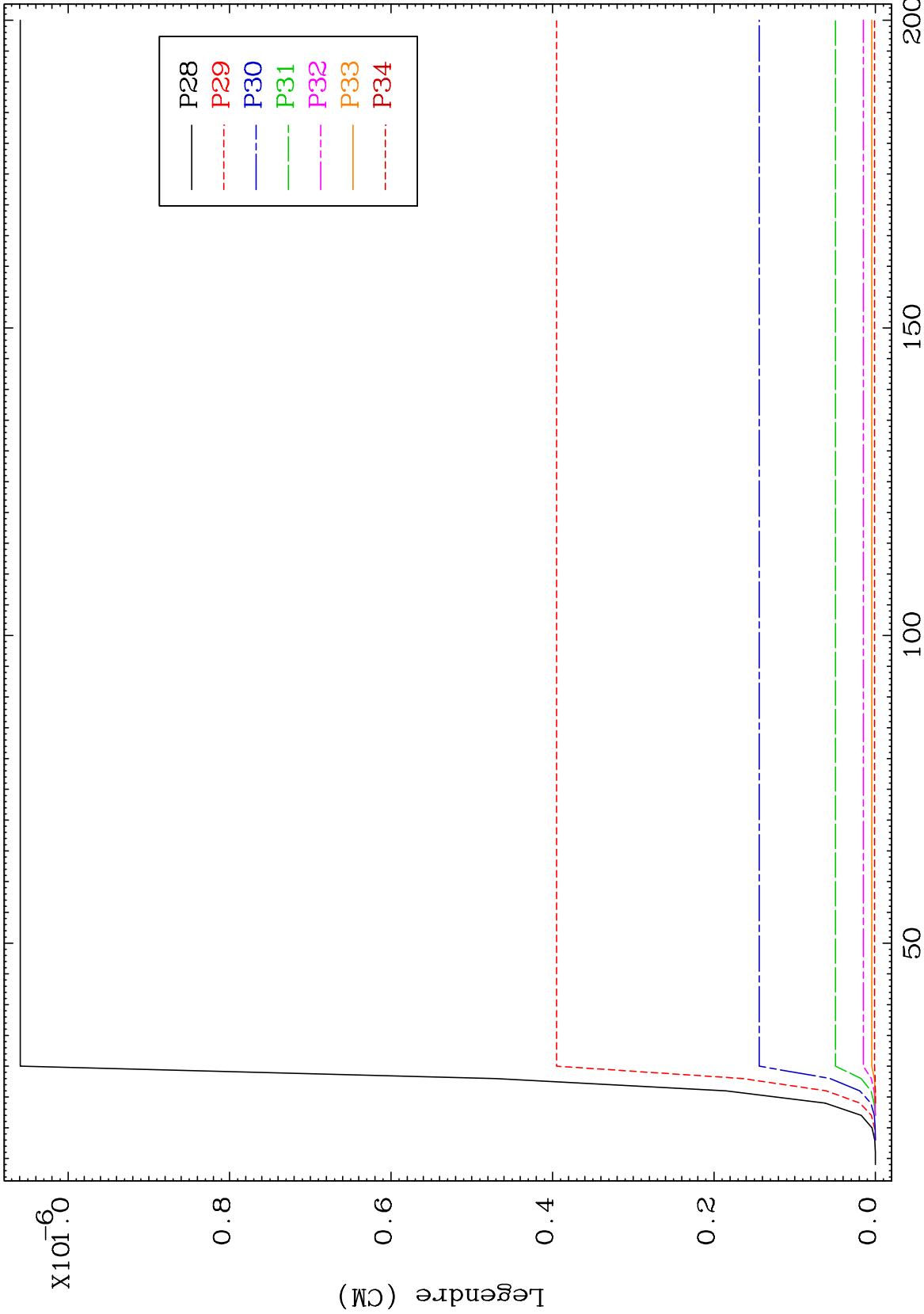
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



43

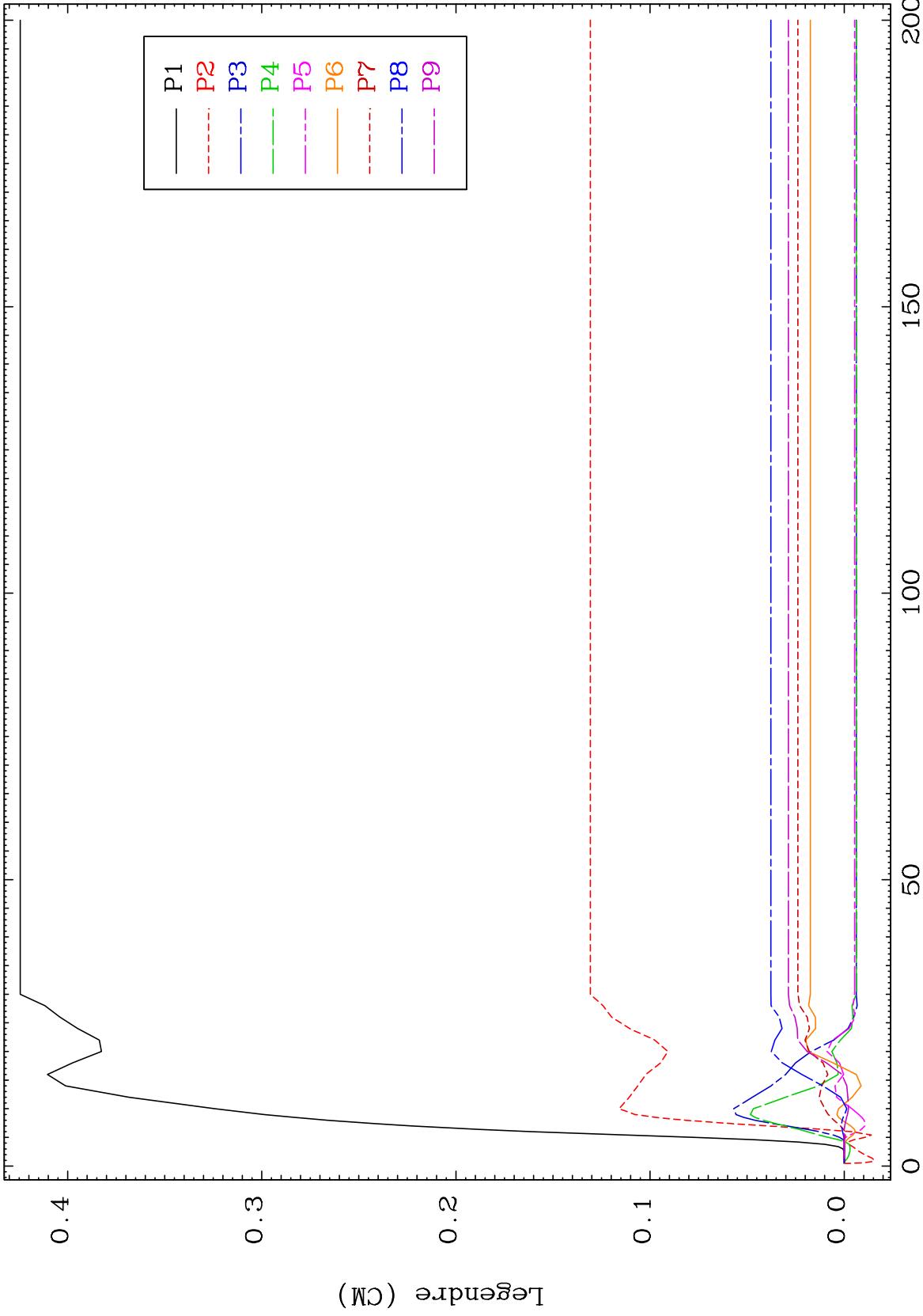
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



44

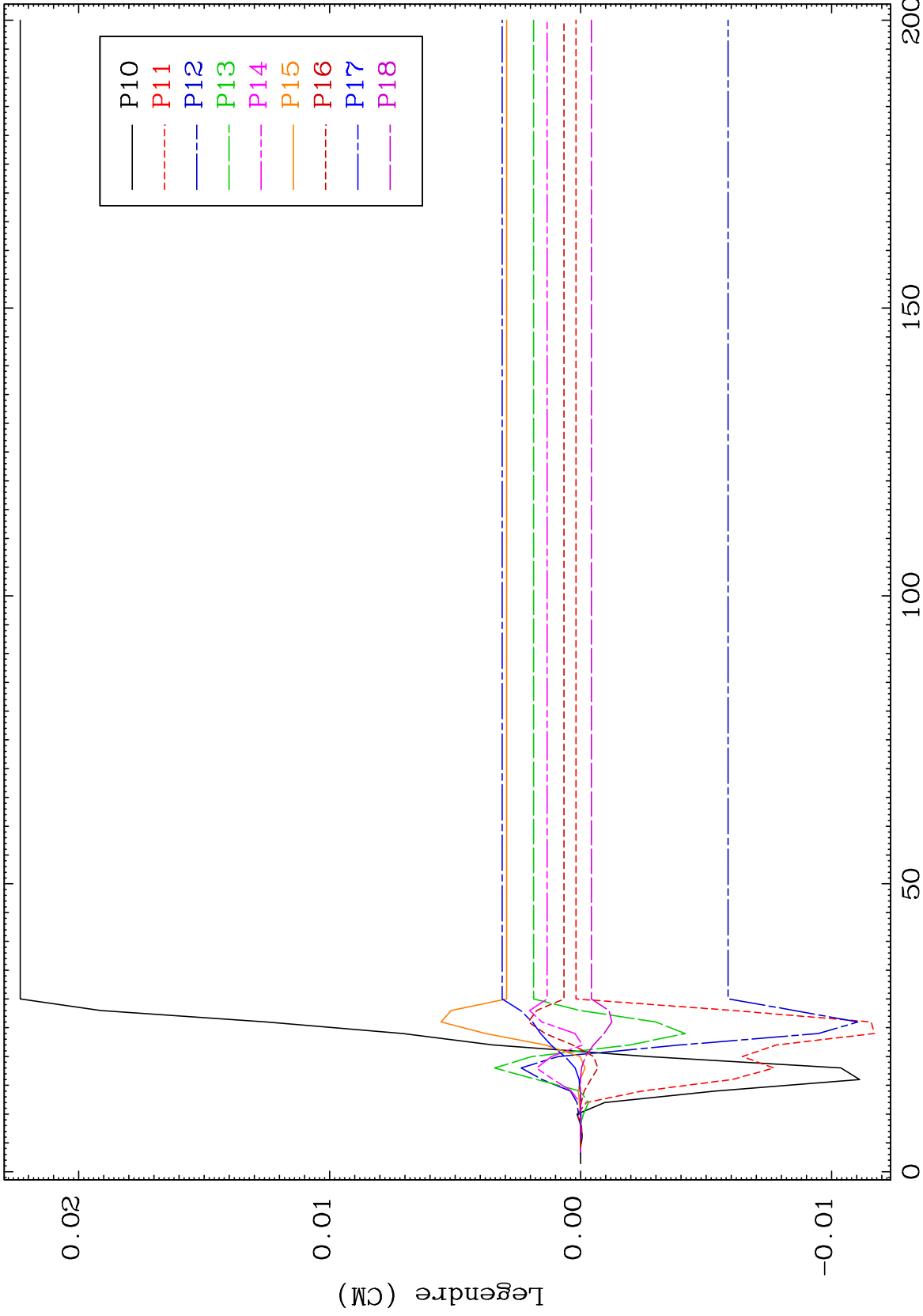
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



45

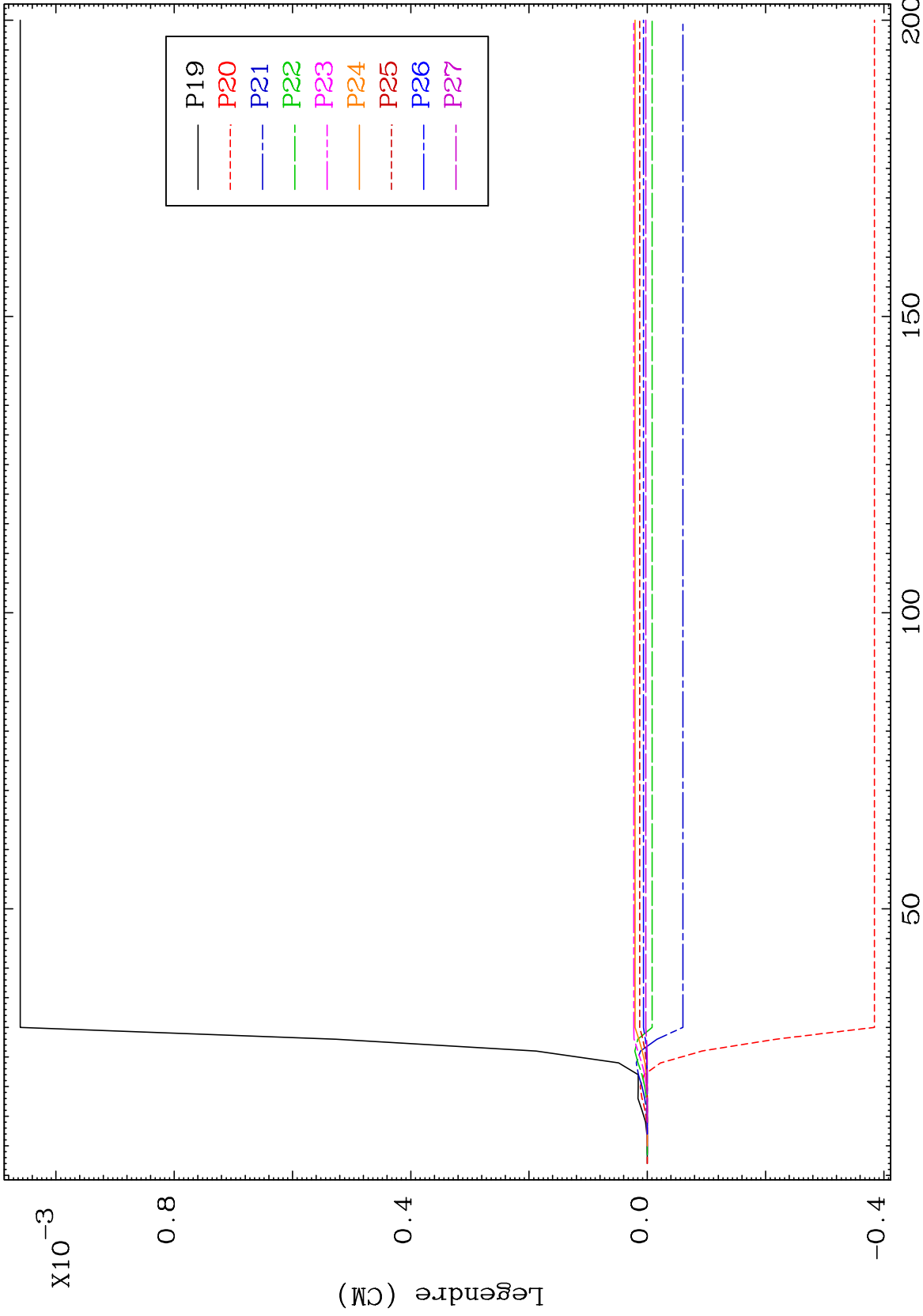
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



46

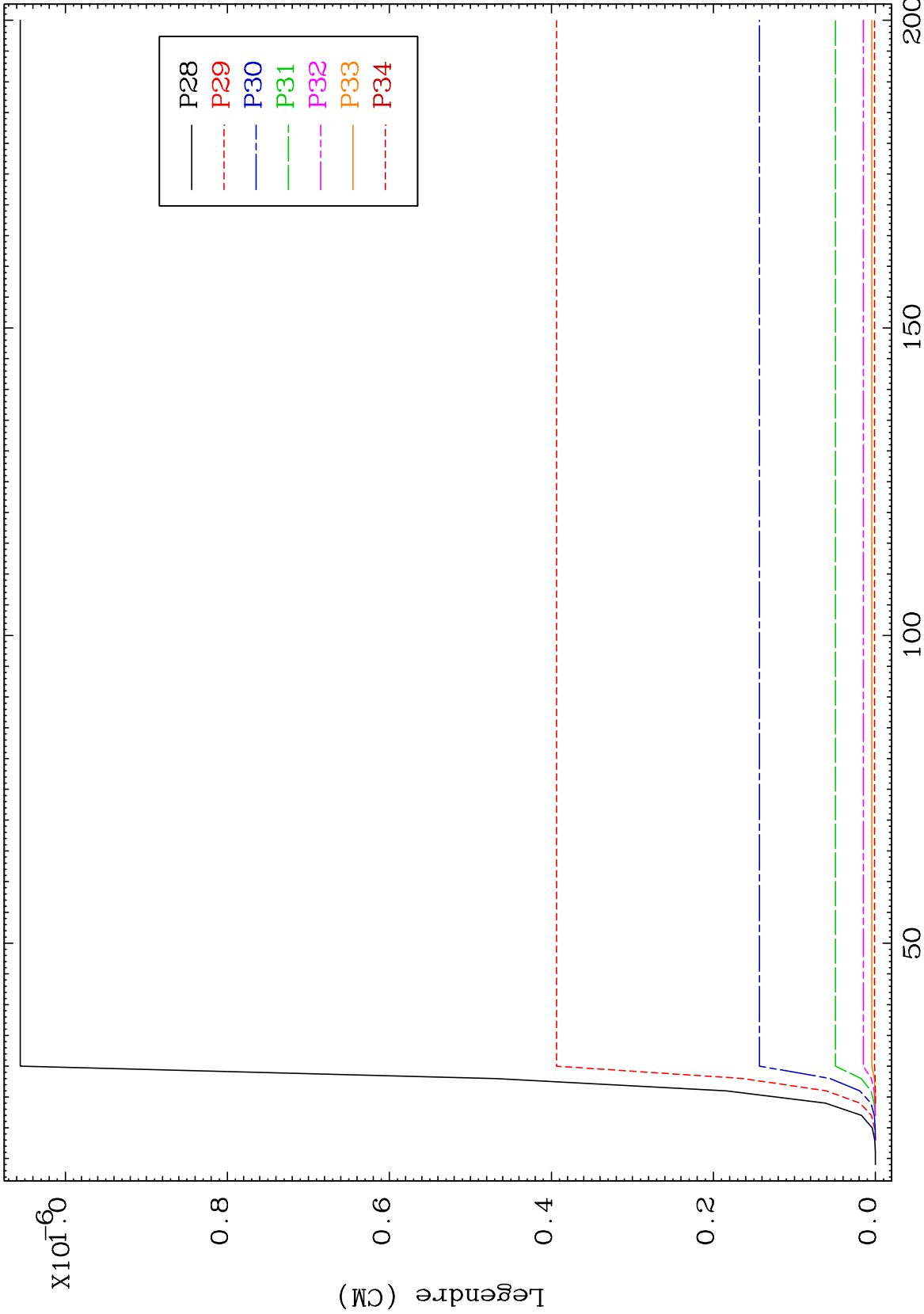
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



47

Incident Energy (MeV)

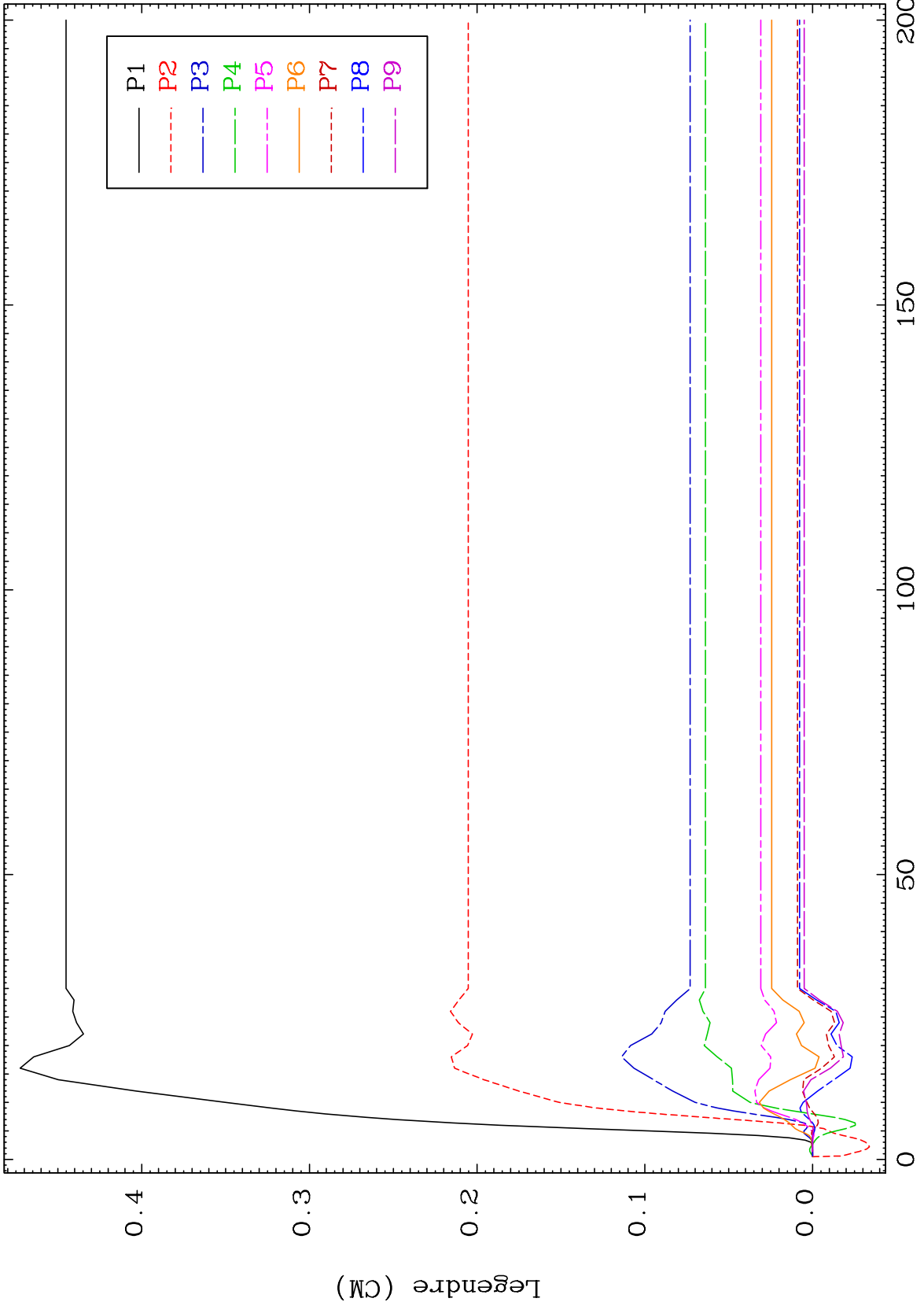
72-Hf-177



MAT 7234

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

72-Hf-177



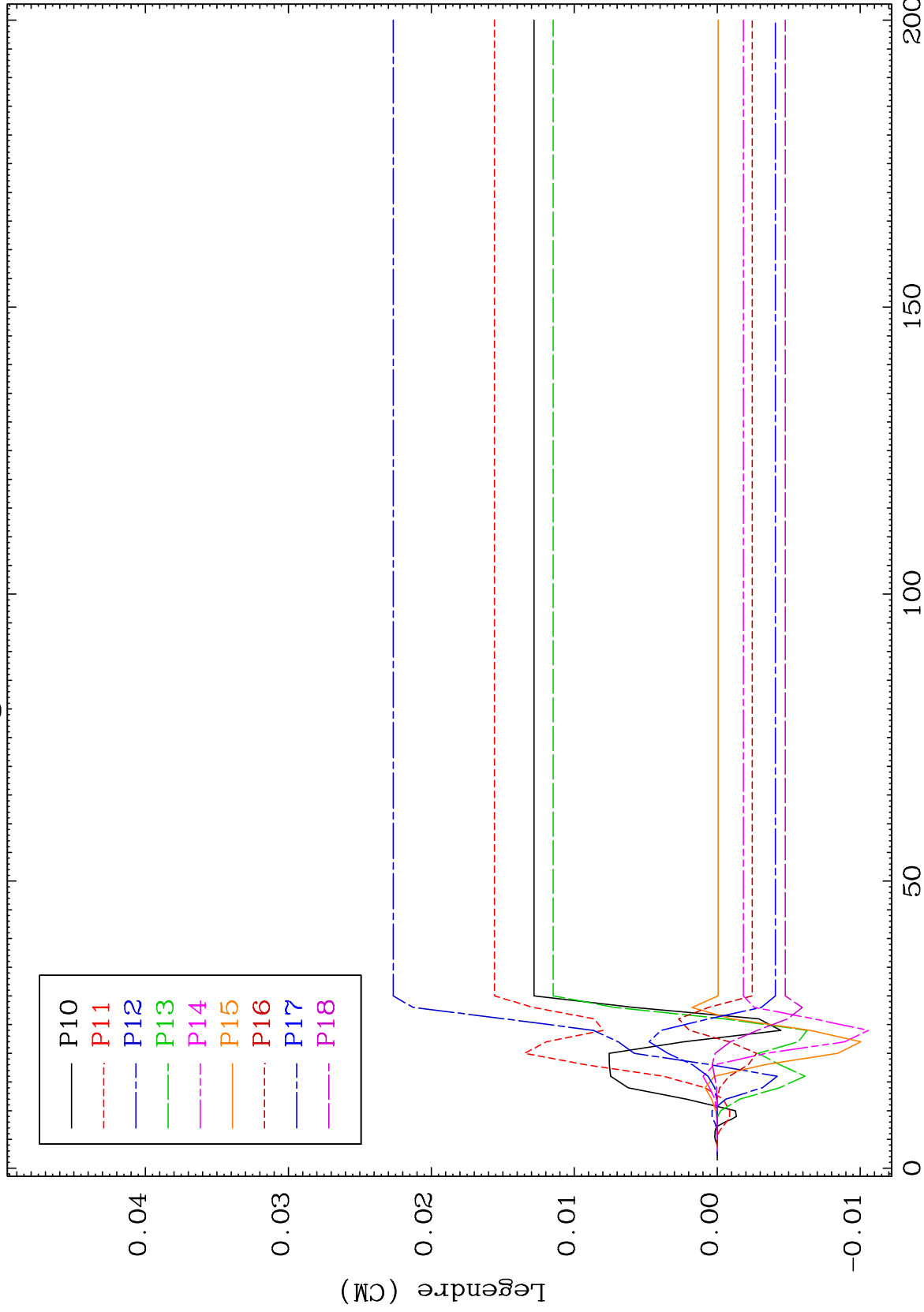
48

72-Hf-177

MAT 7234

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

72-Hf-177



49

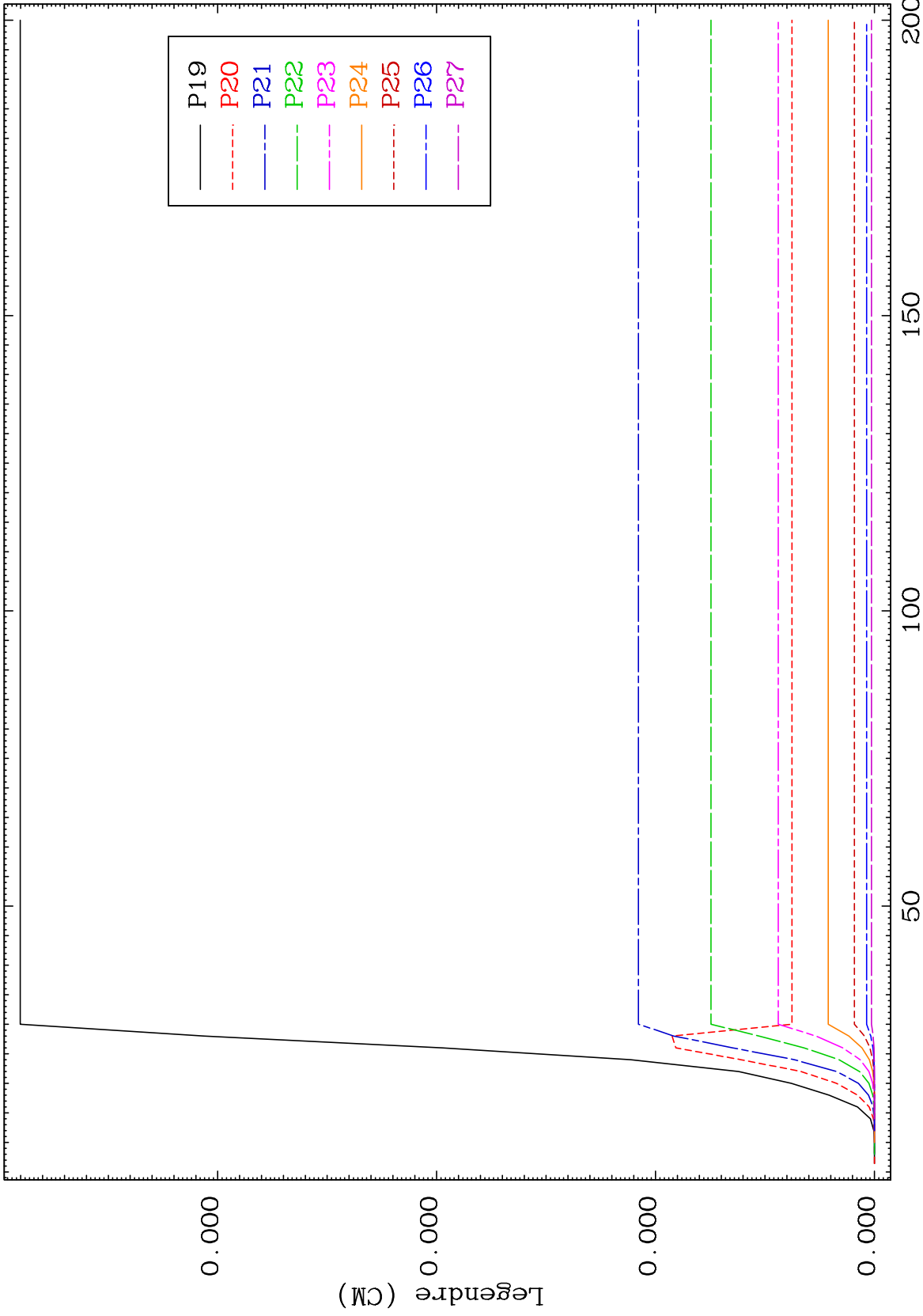
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



50

Incident Energy (MeV)

150

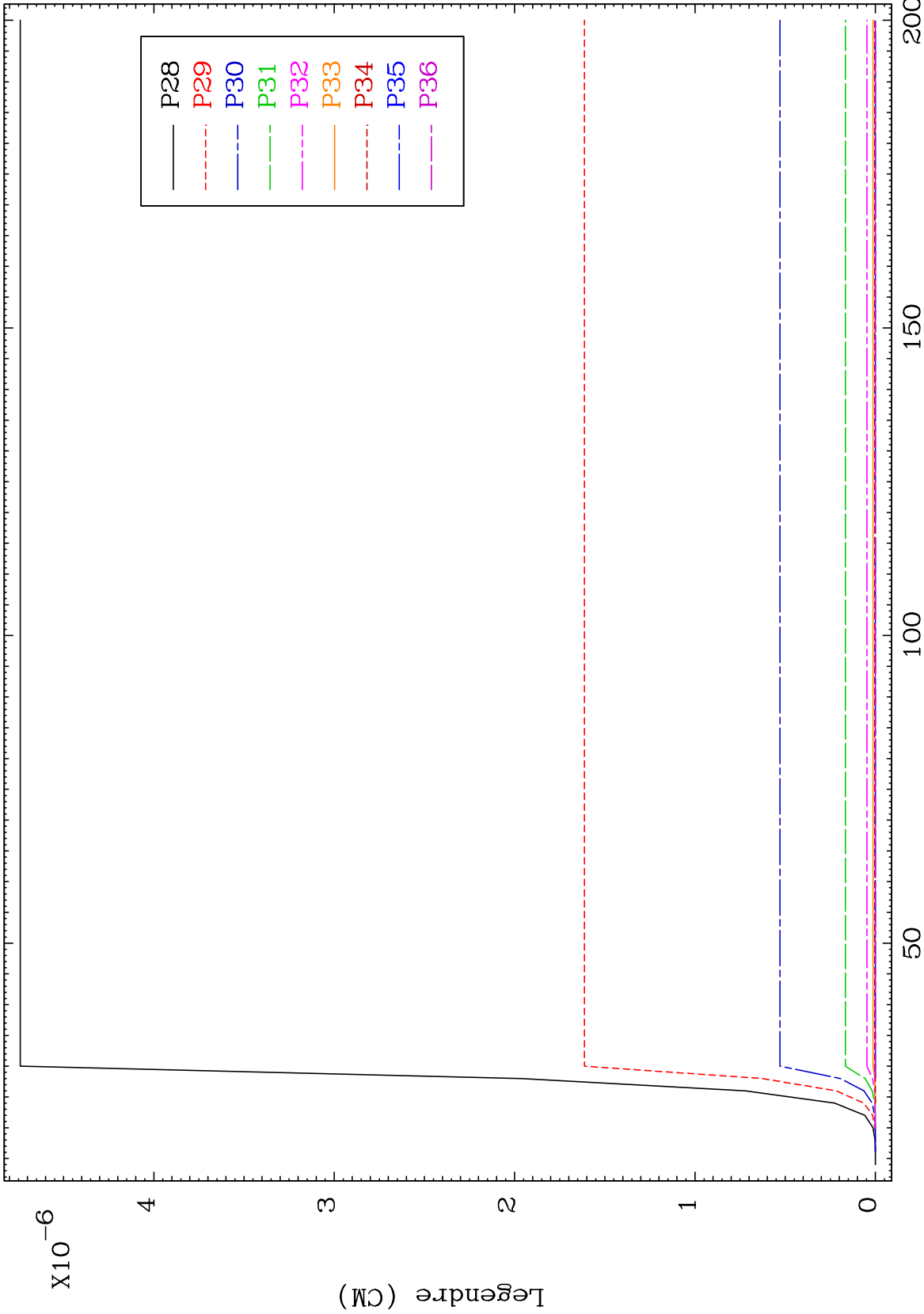
72-Hf-177

200

MAT 7234

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

72-Hf-177



51

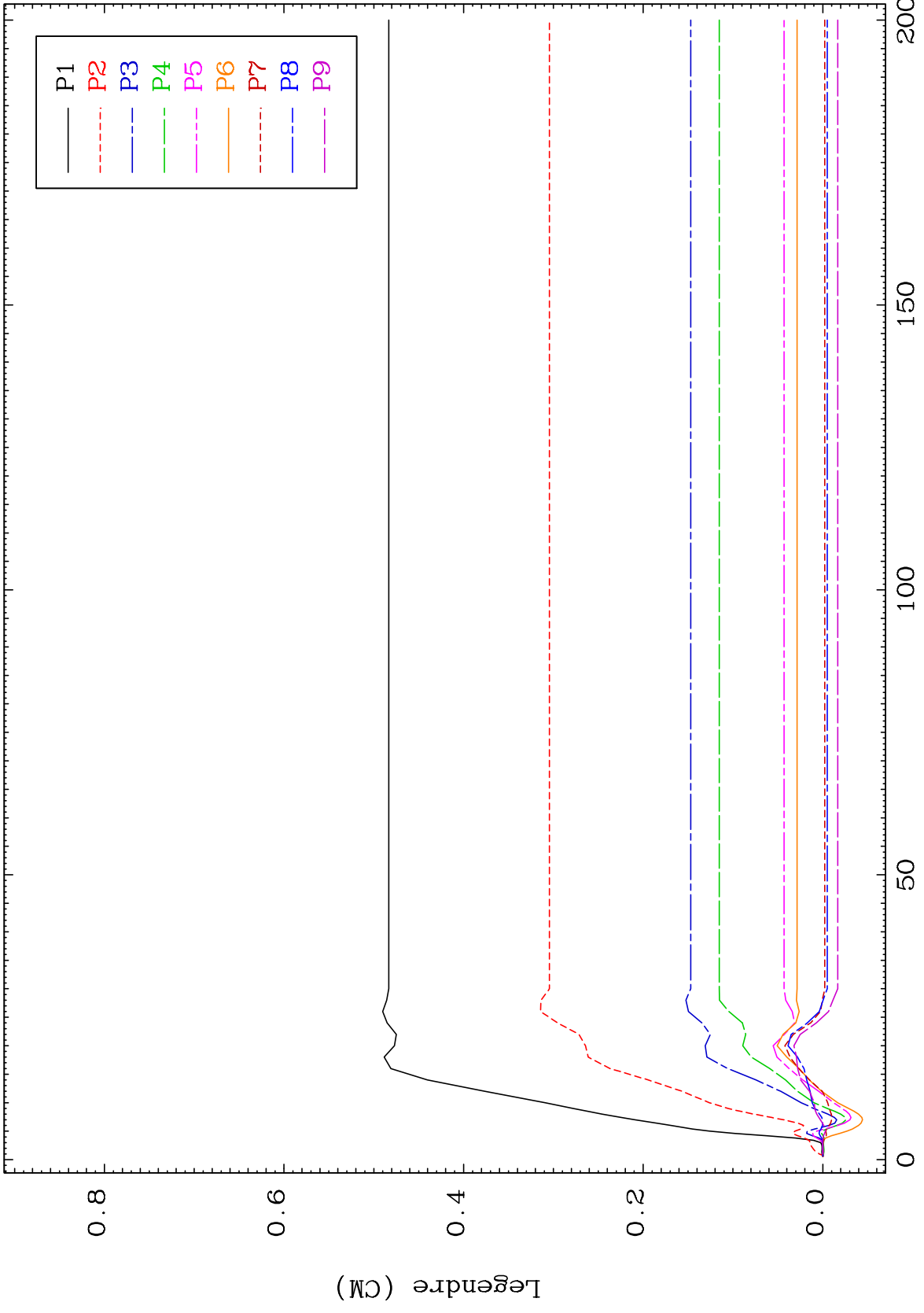
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



52

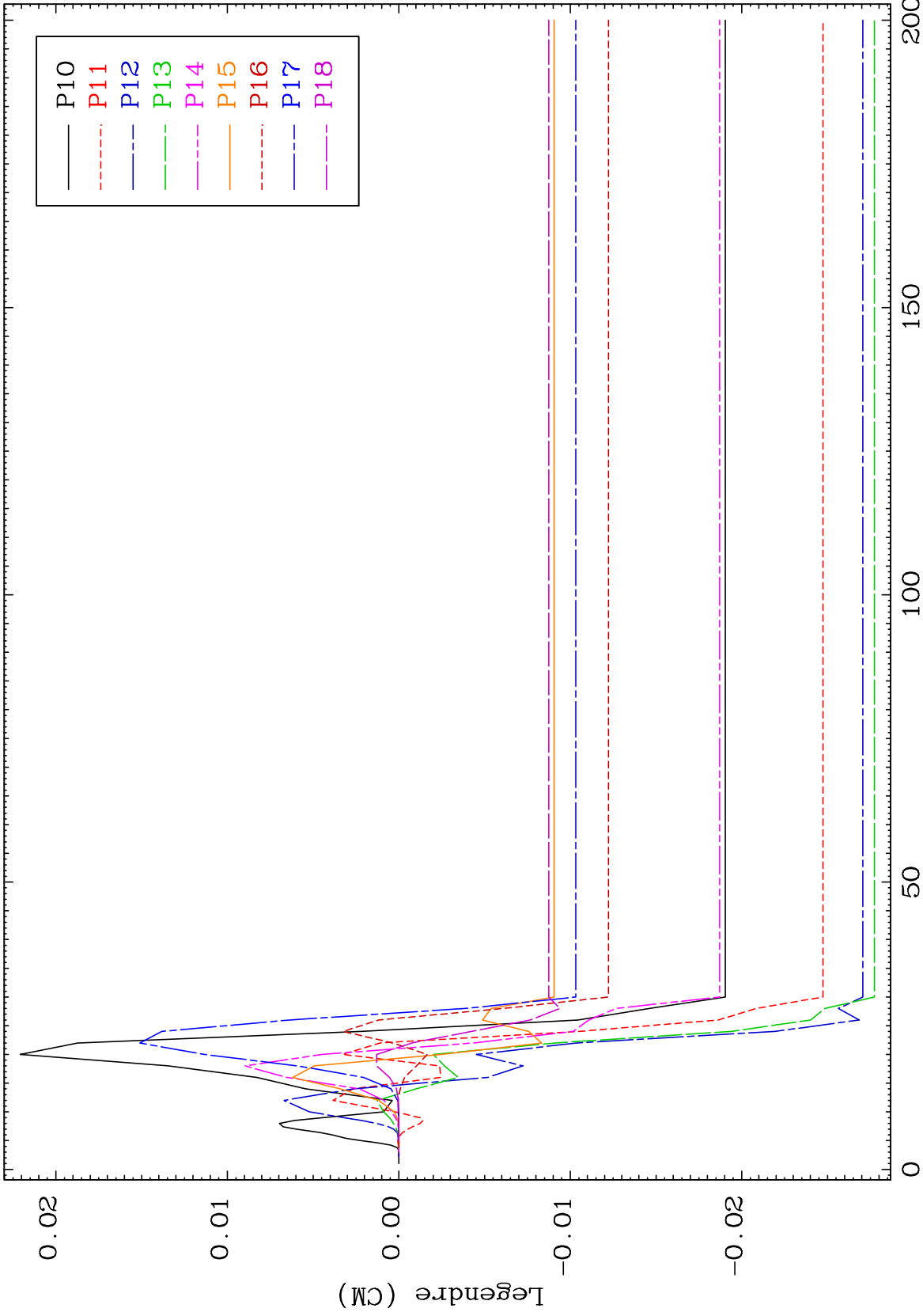
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



53

Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



54

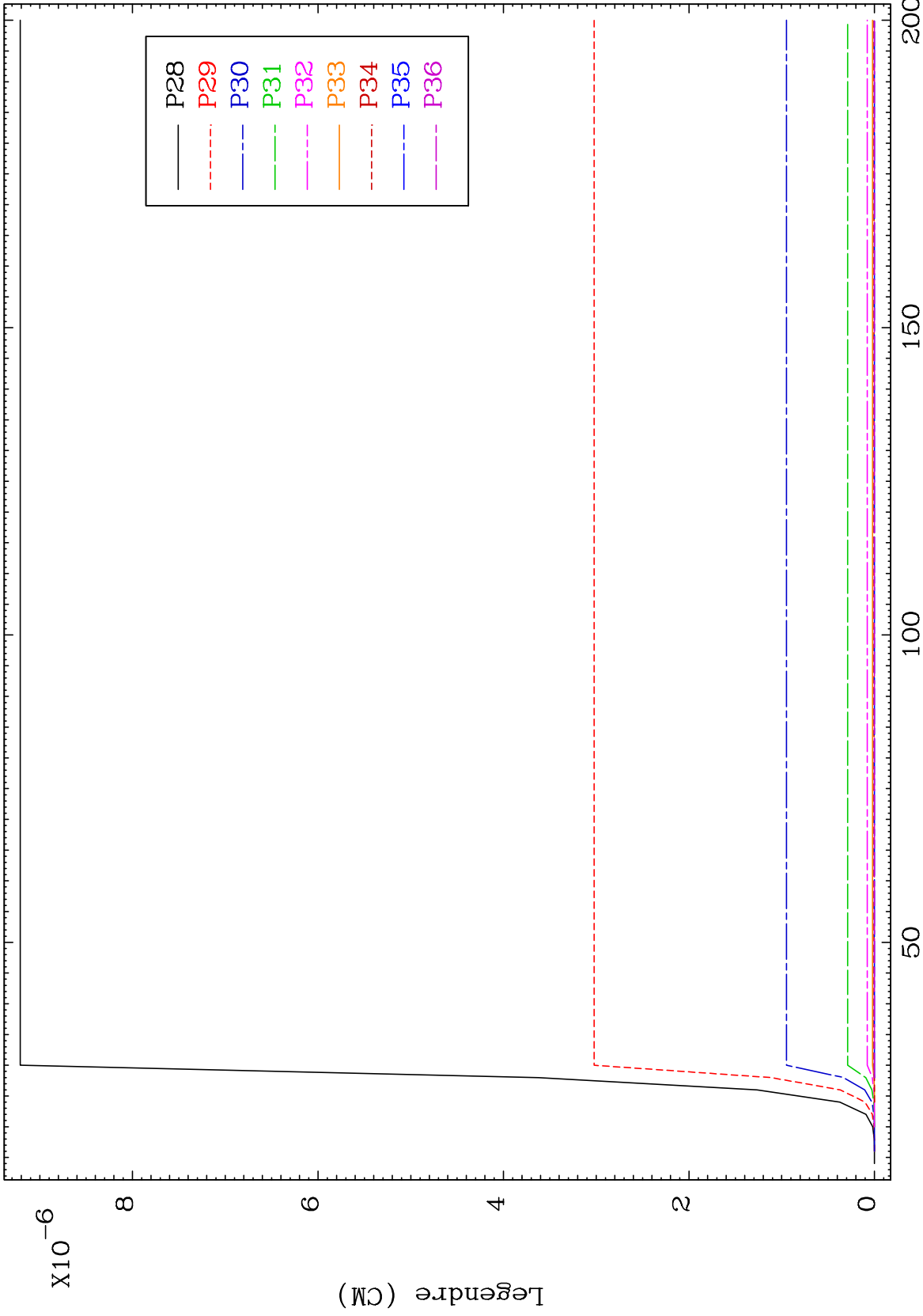
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



55

Incident Energy (MeV)

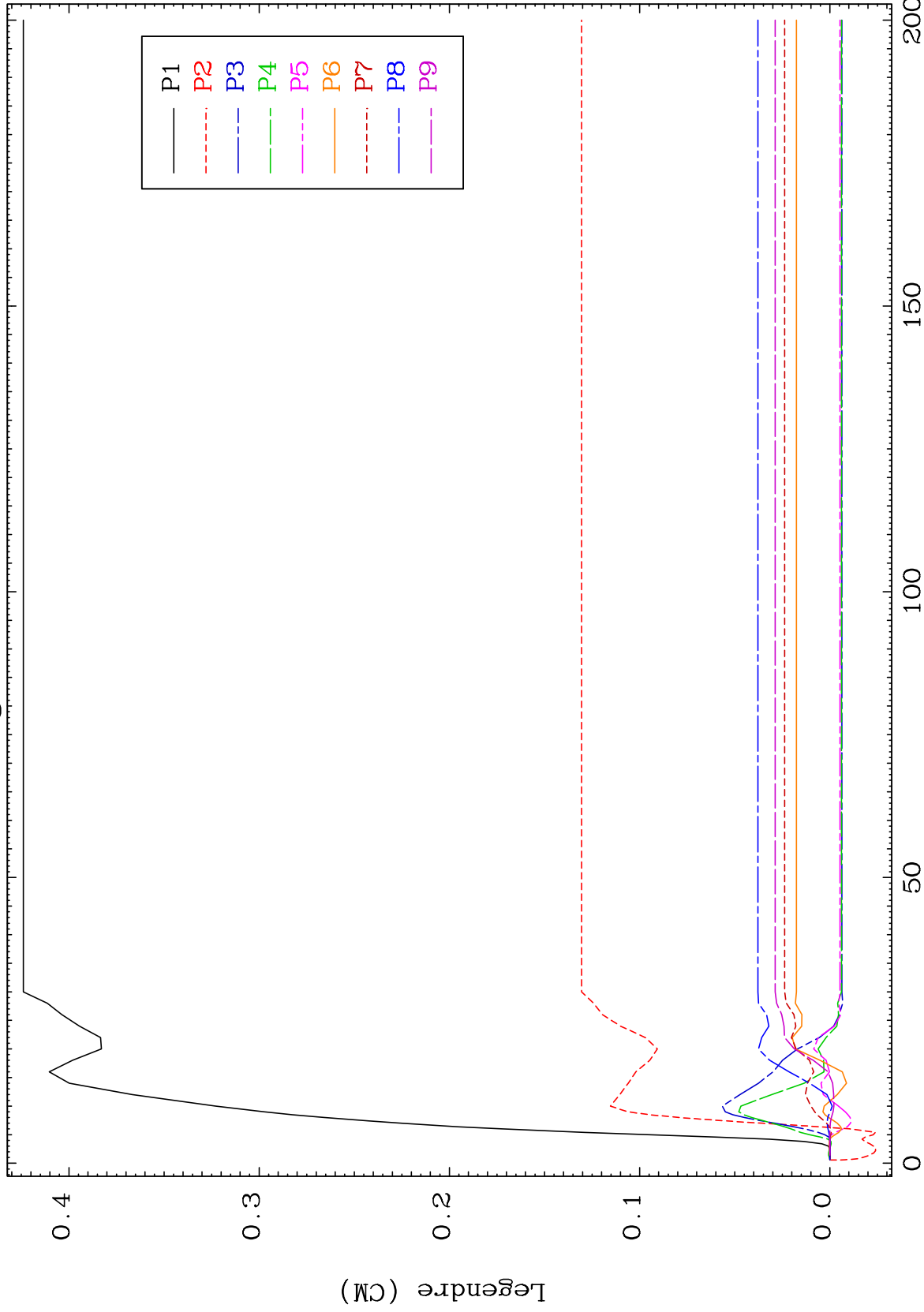
72-Hf-177



MAT 7234

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

72-Hf-177



56

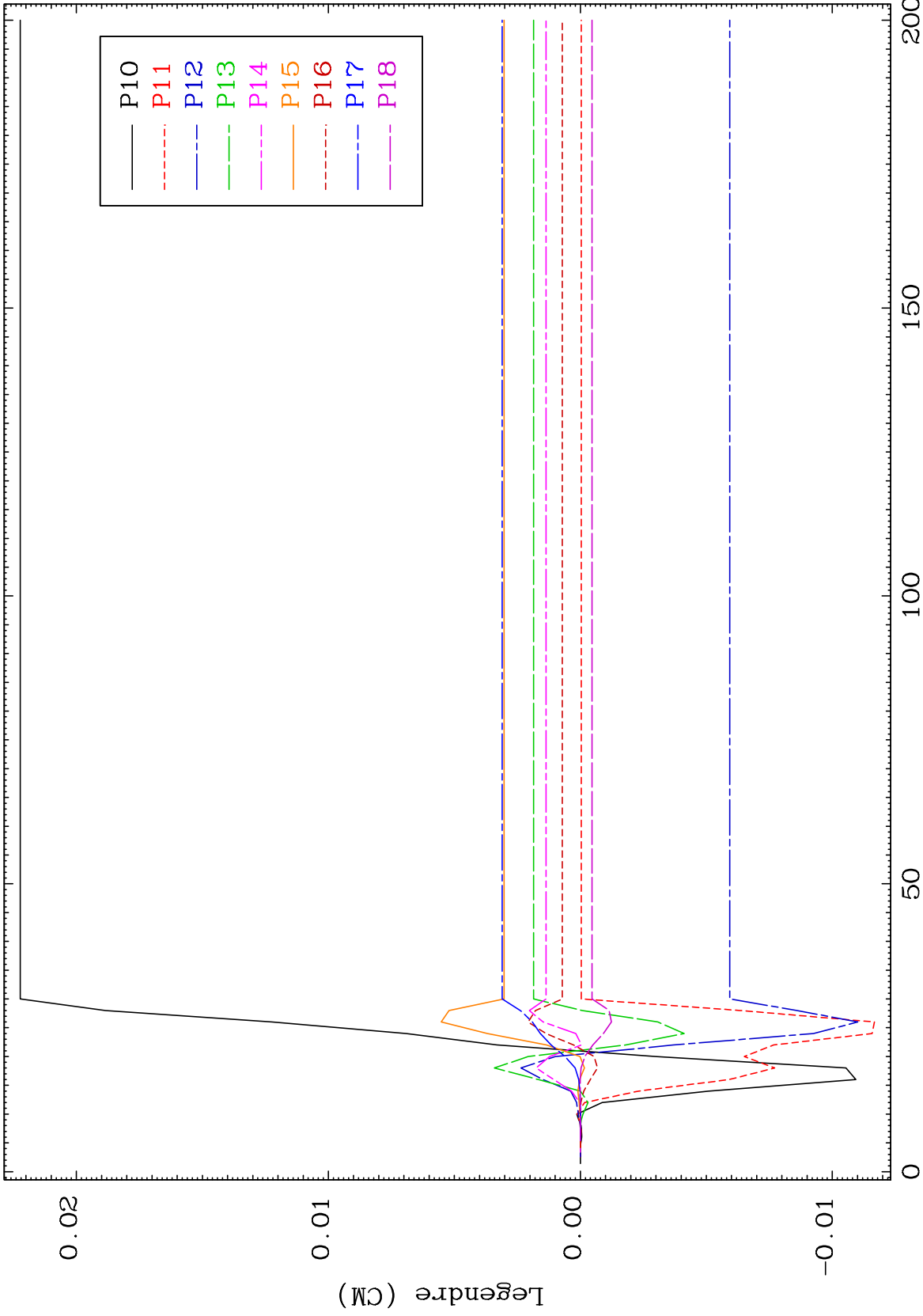
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



57

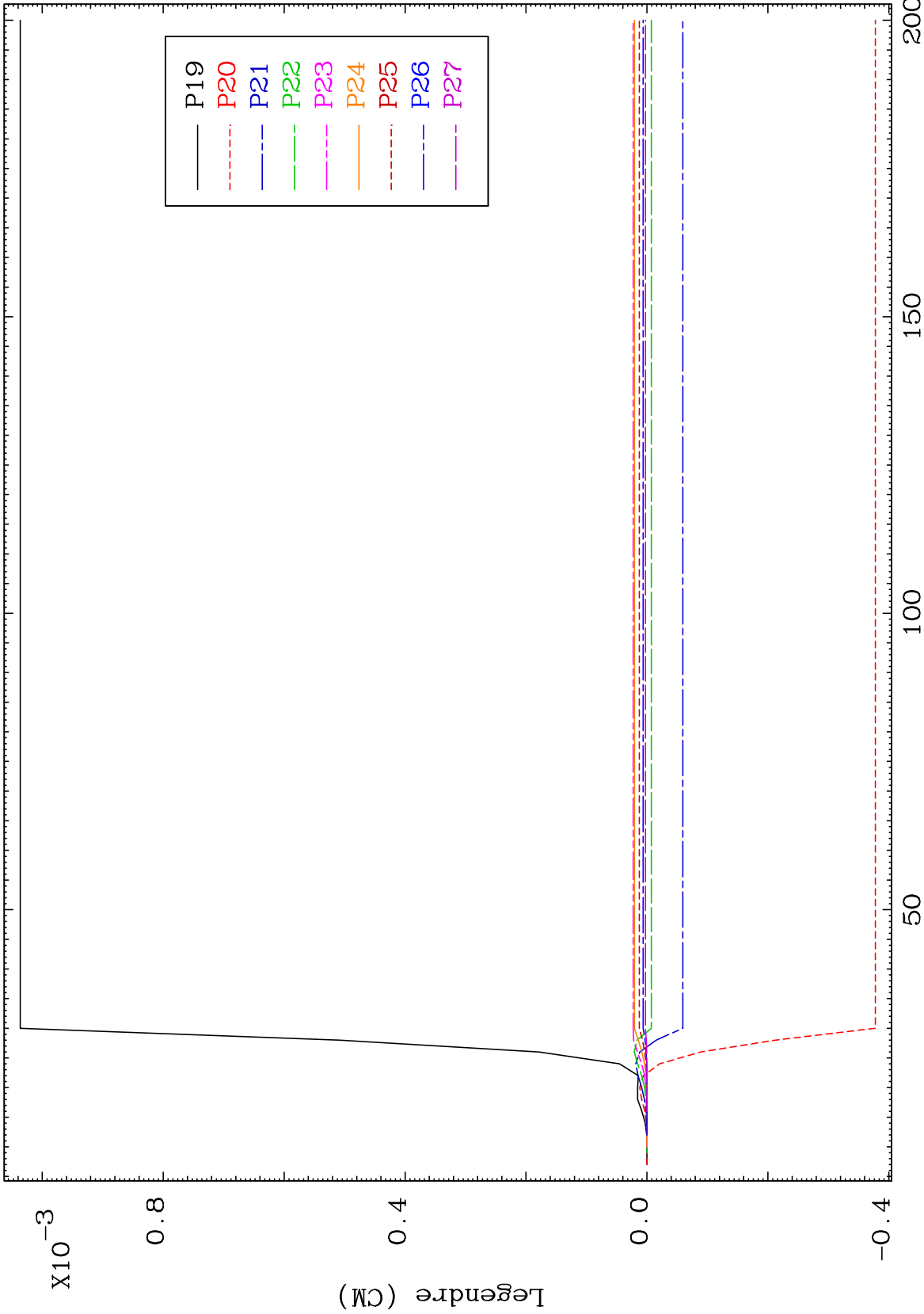
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



58

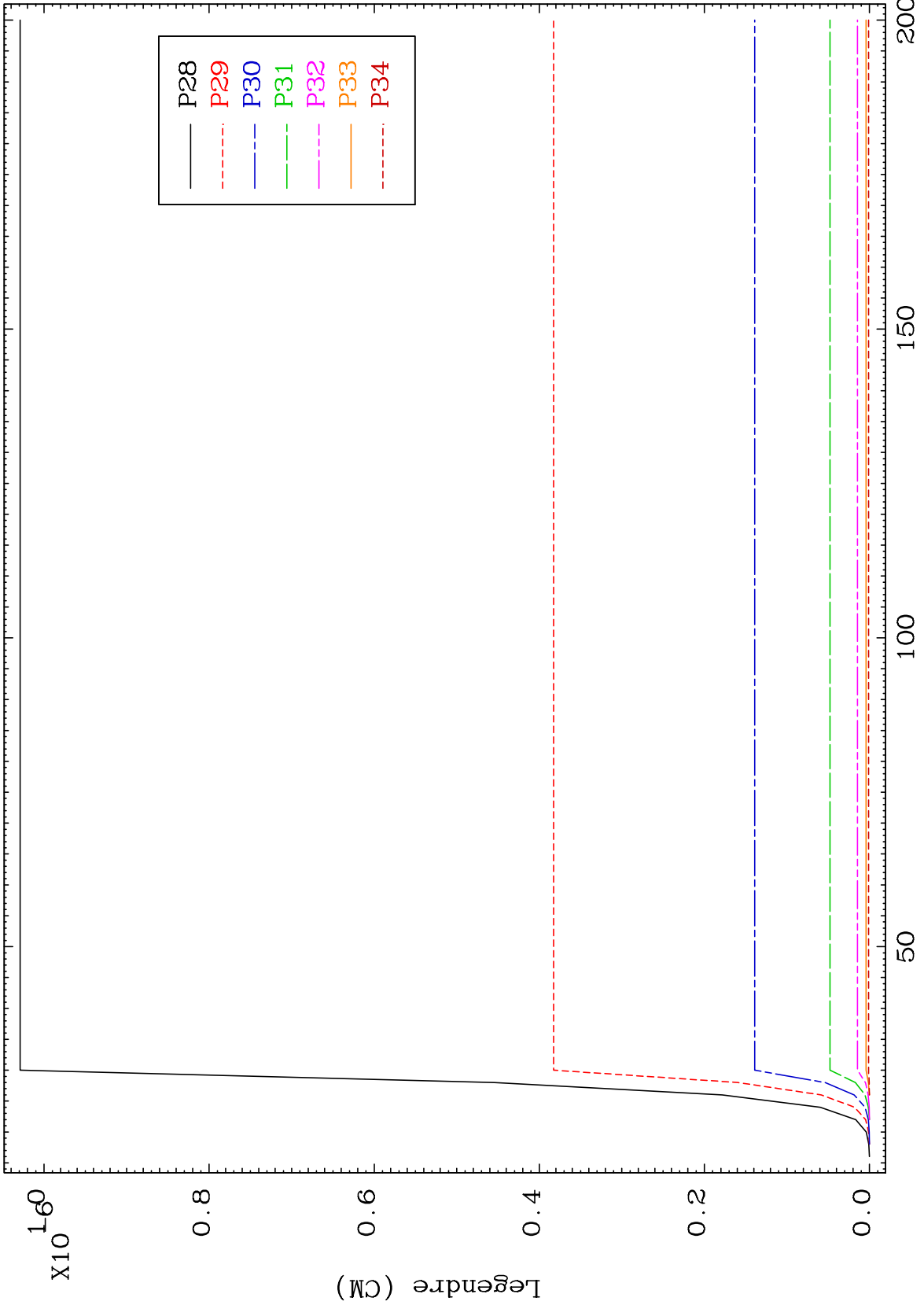
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



59

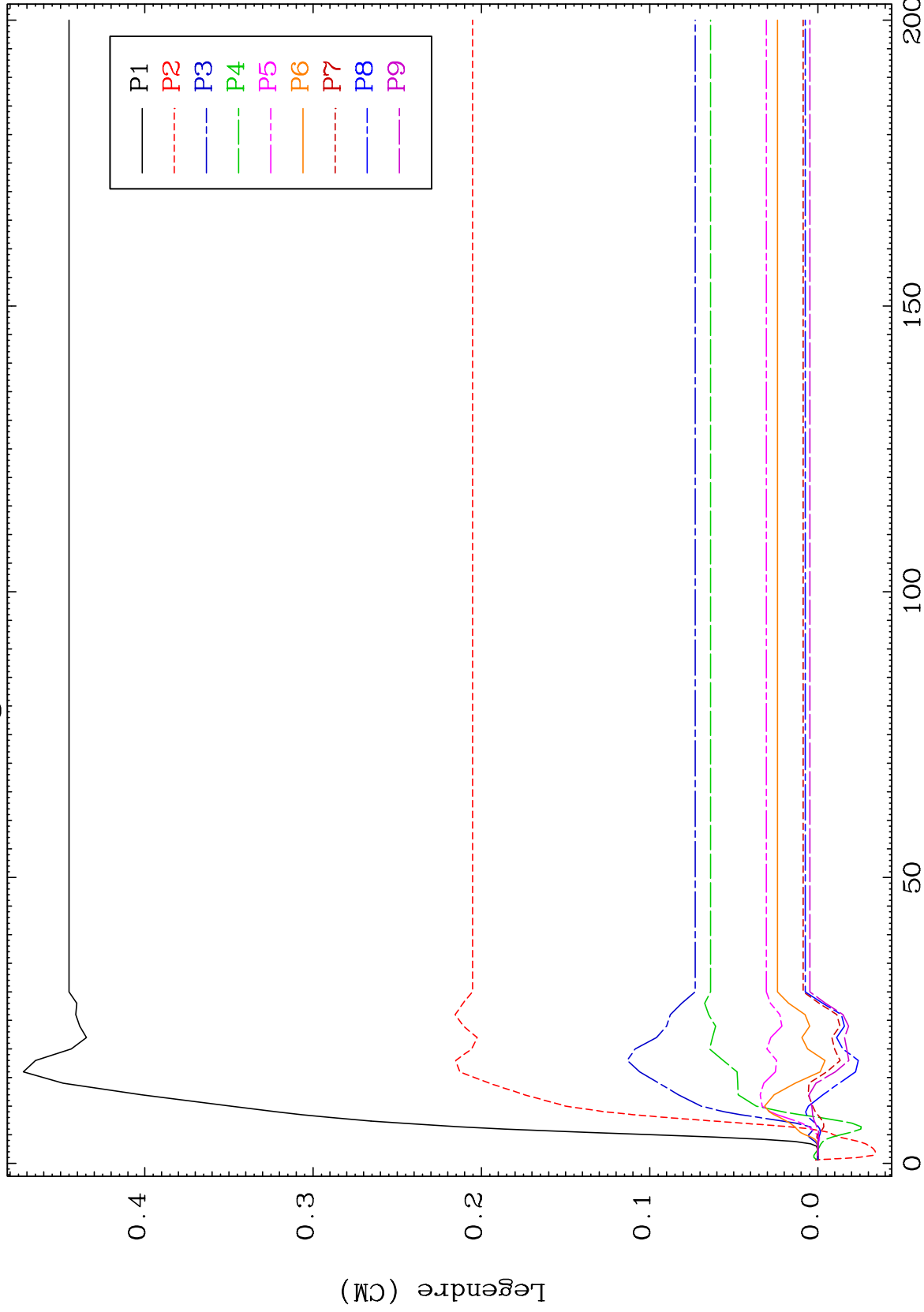
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



60

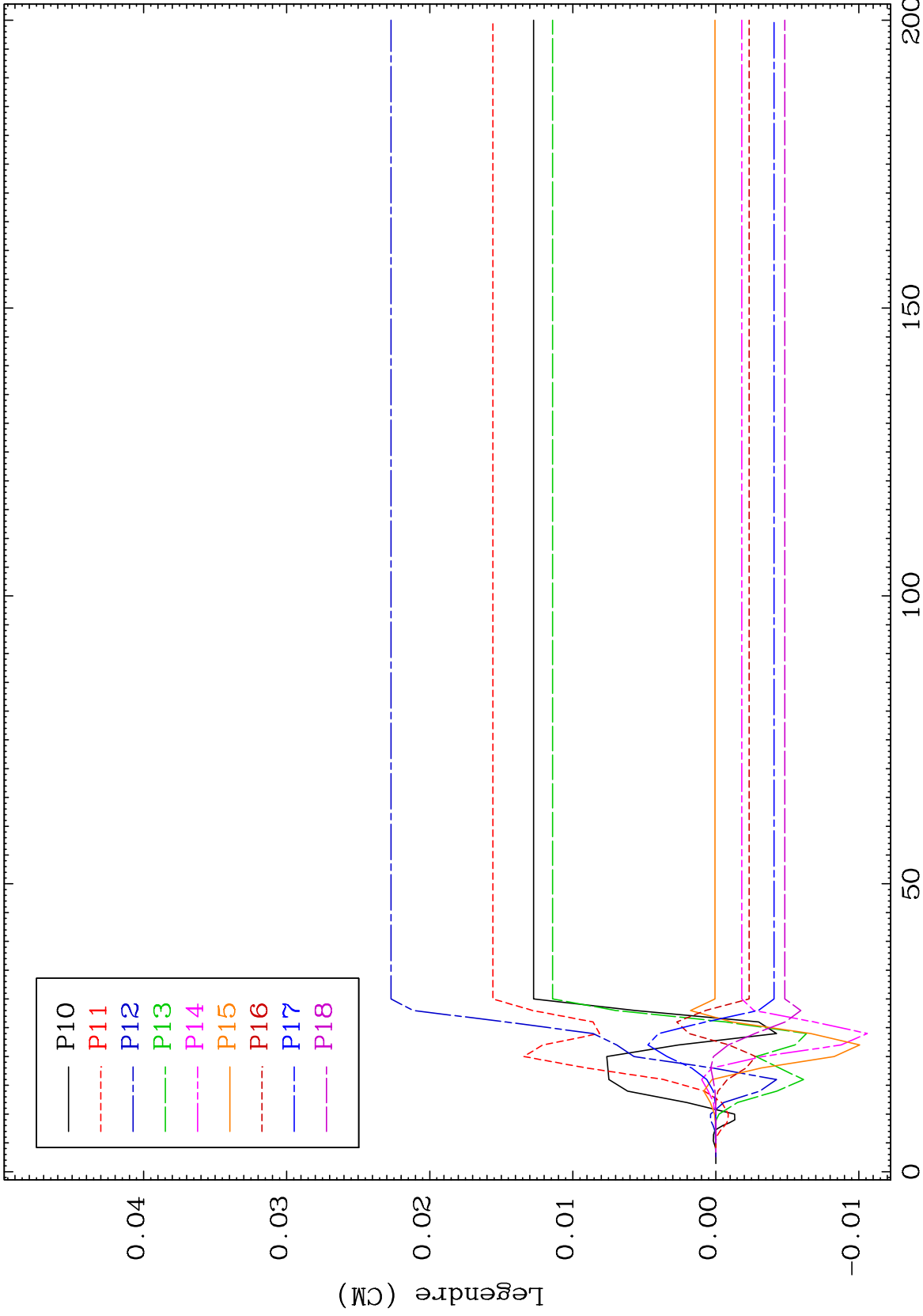
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



61

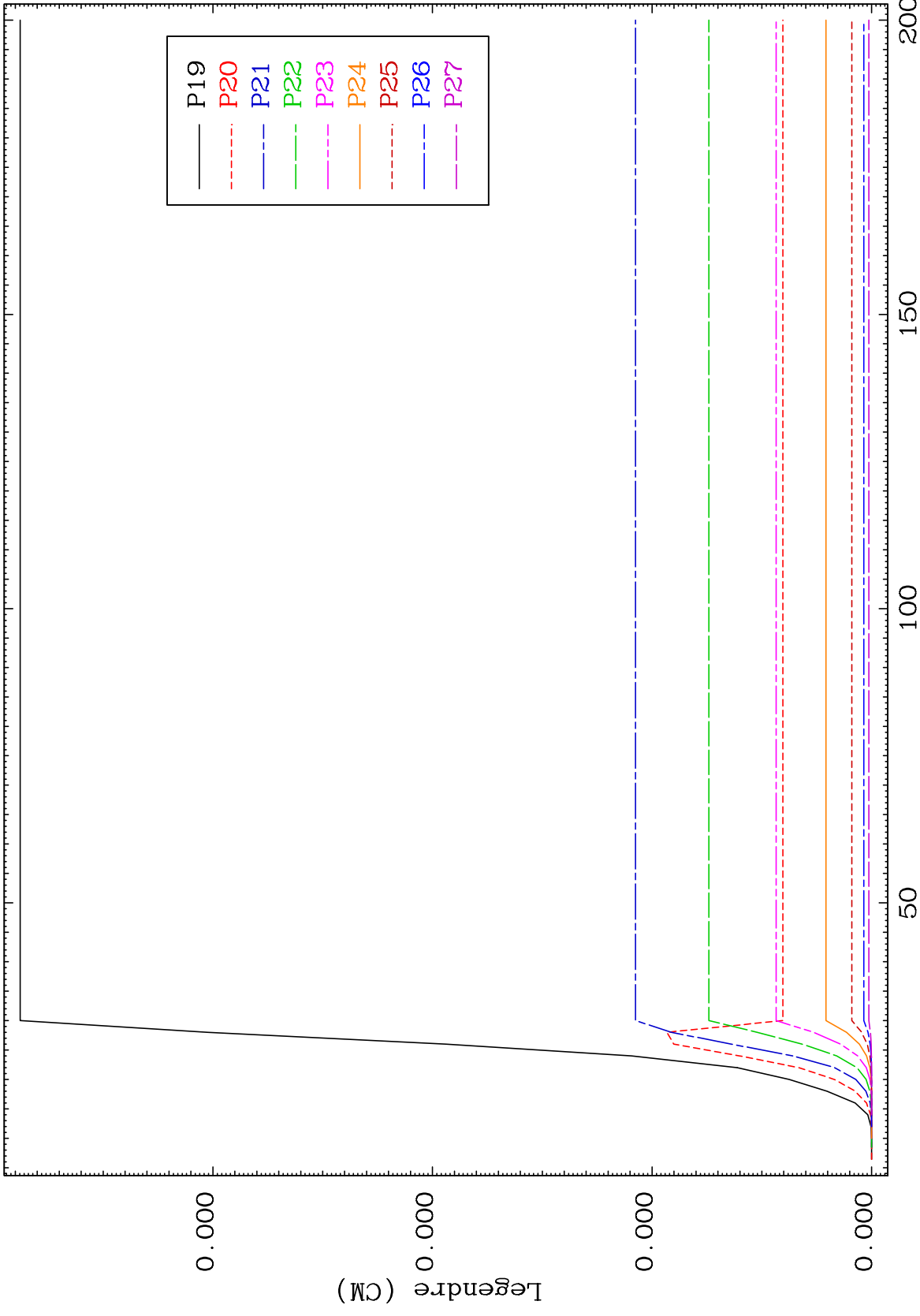
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



62

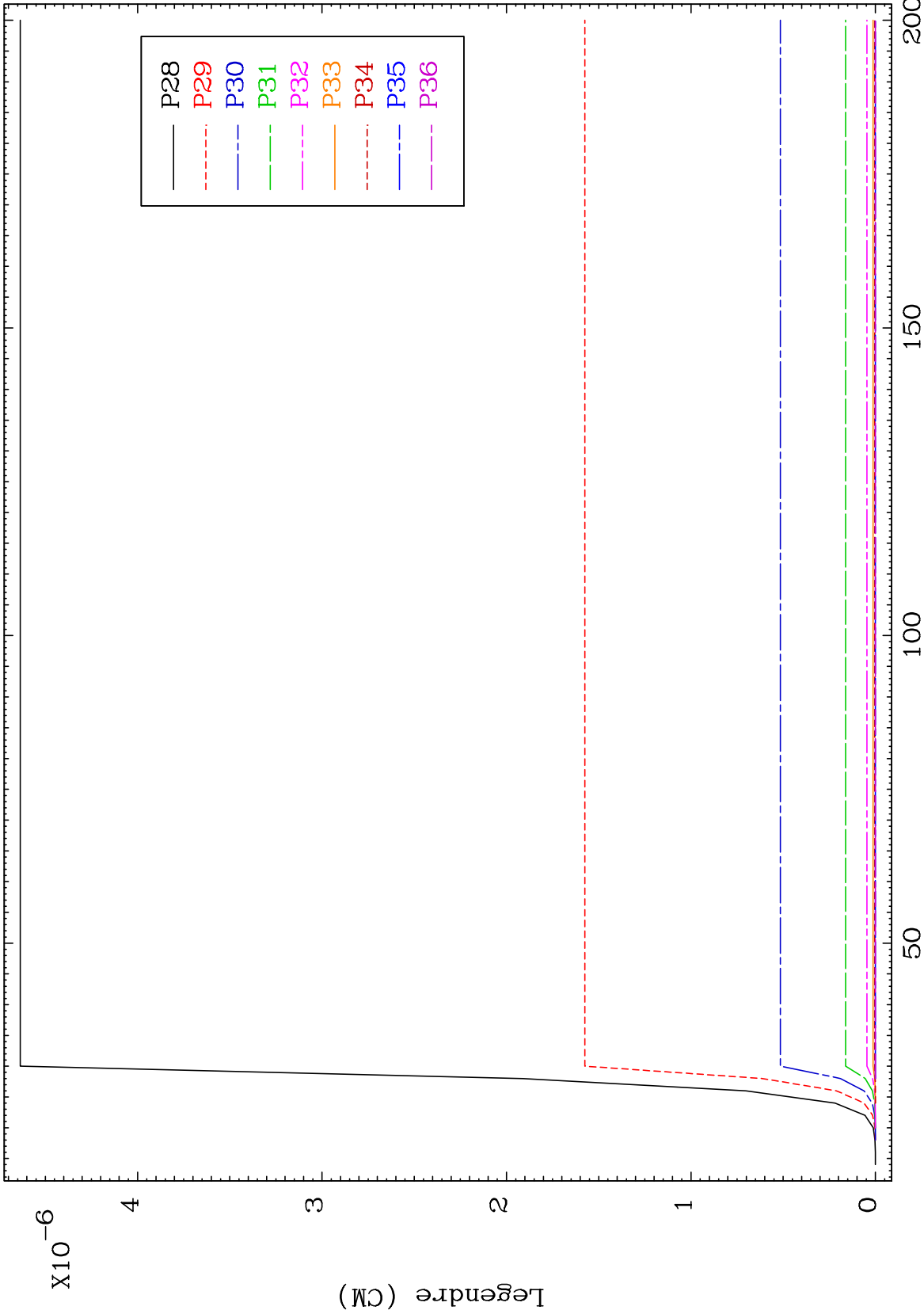
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



63

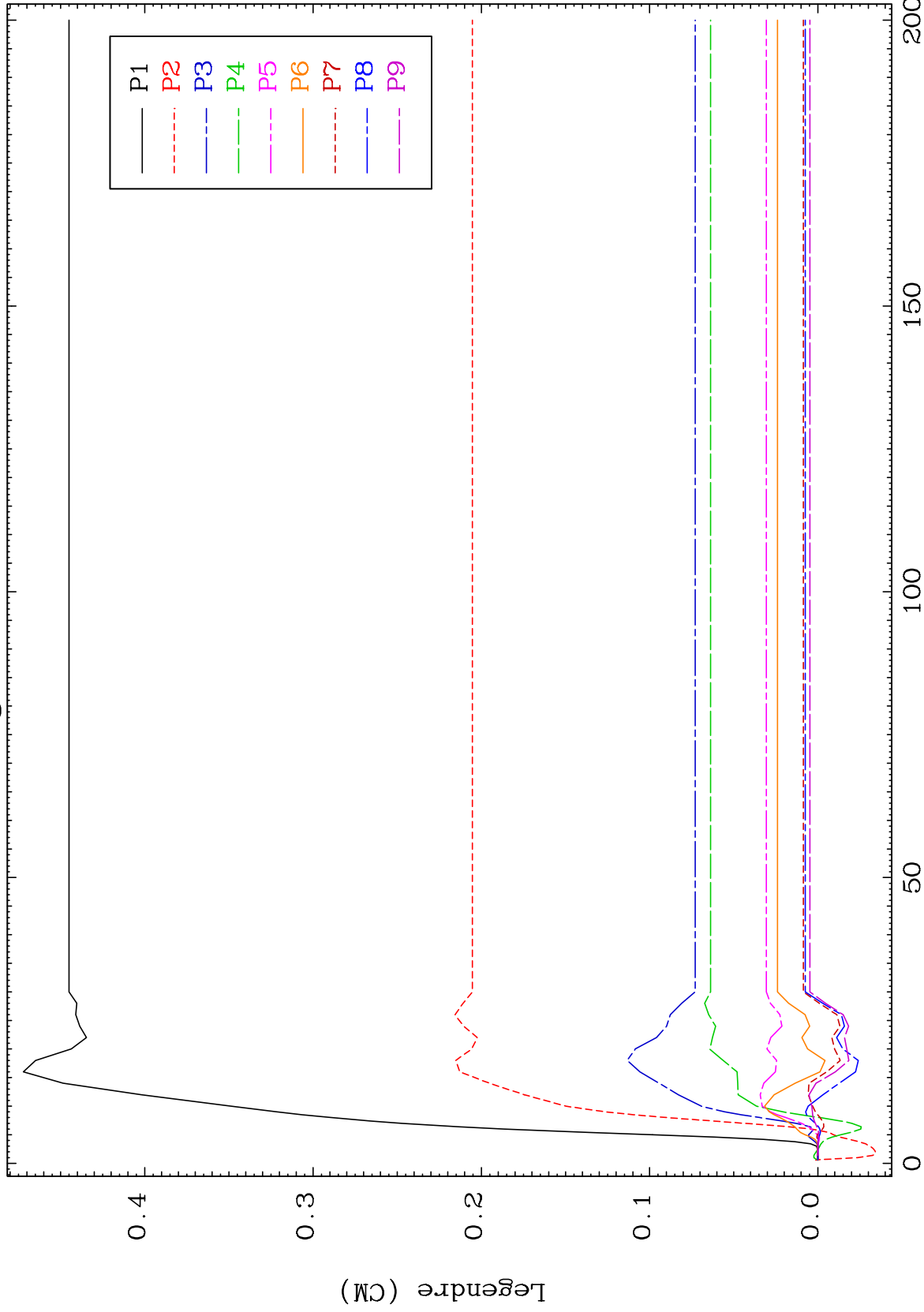
72-Hf-177



MAT 7234

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

72-Hf-177



64

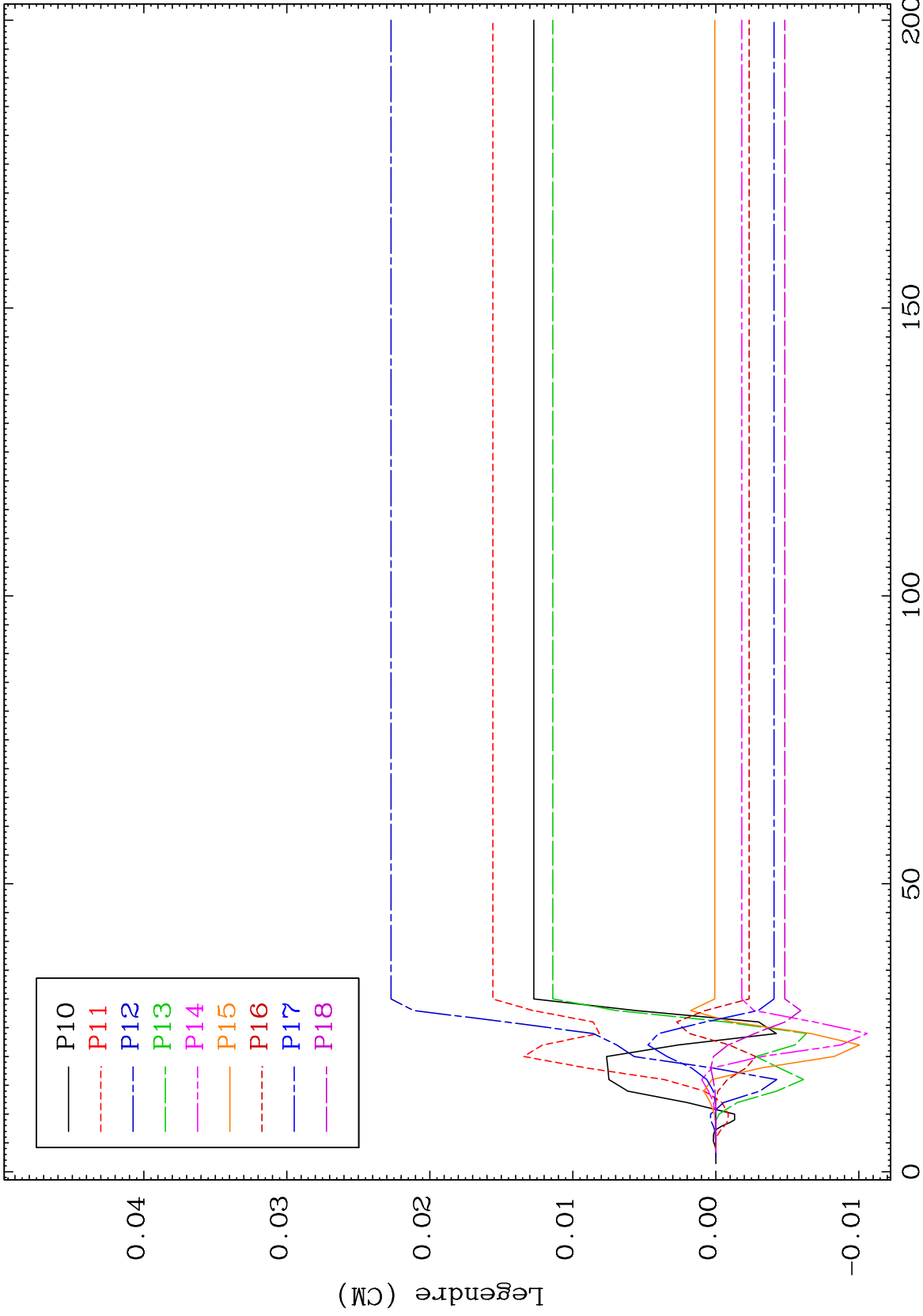
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



65

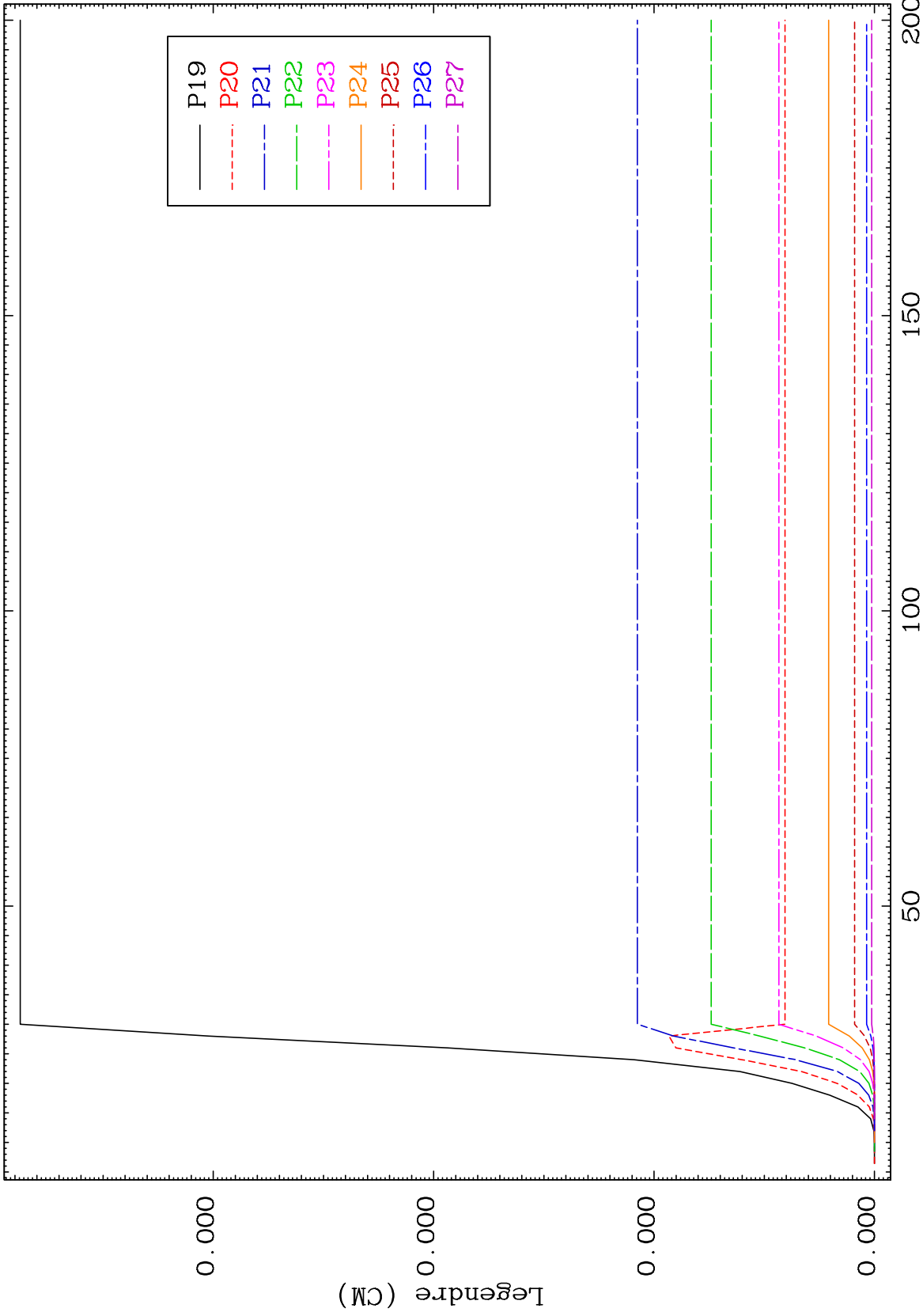
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



66

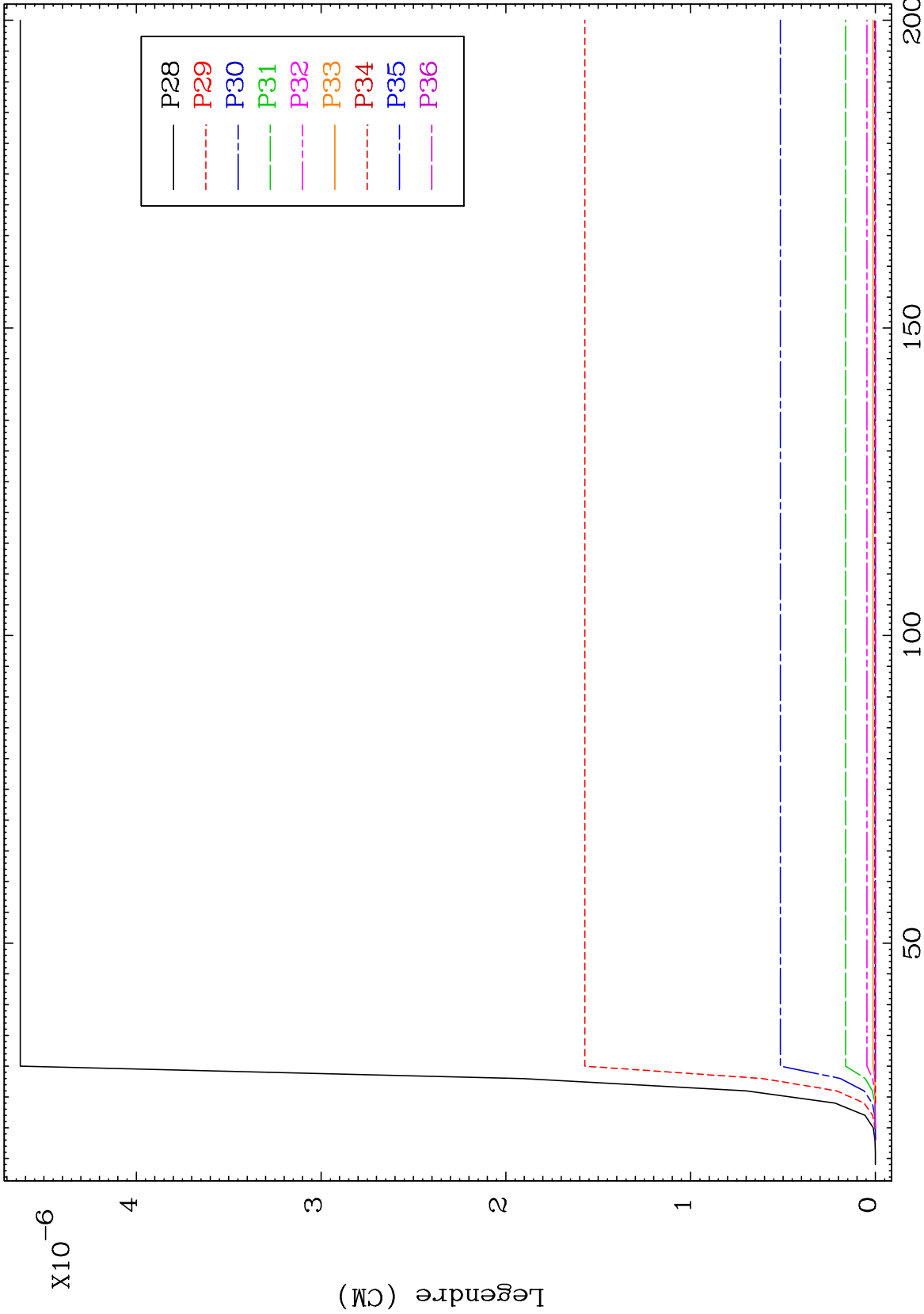
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



67

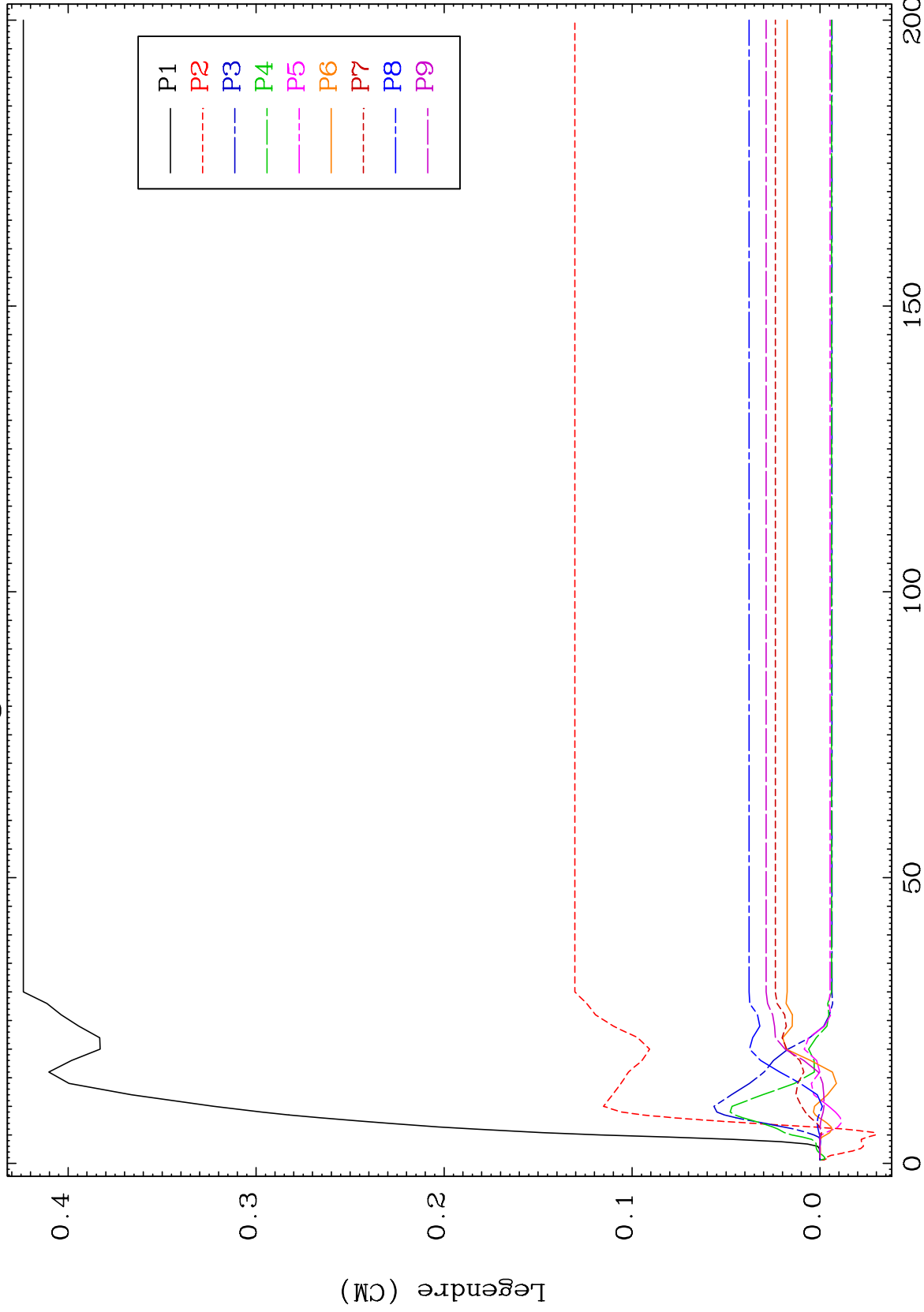
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



68

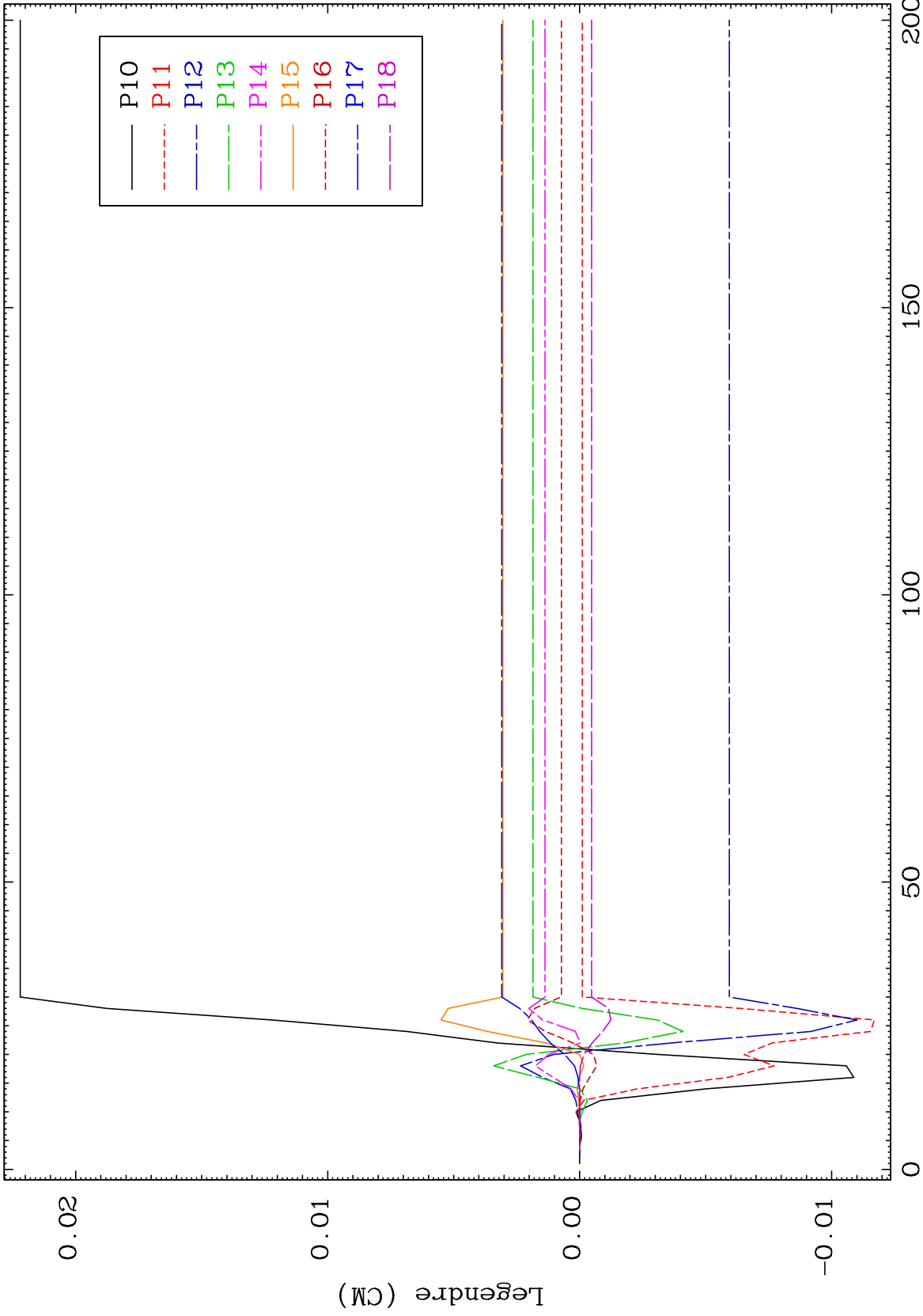
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



69

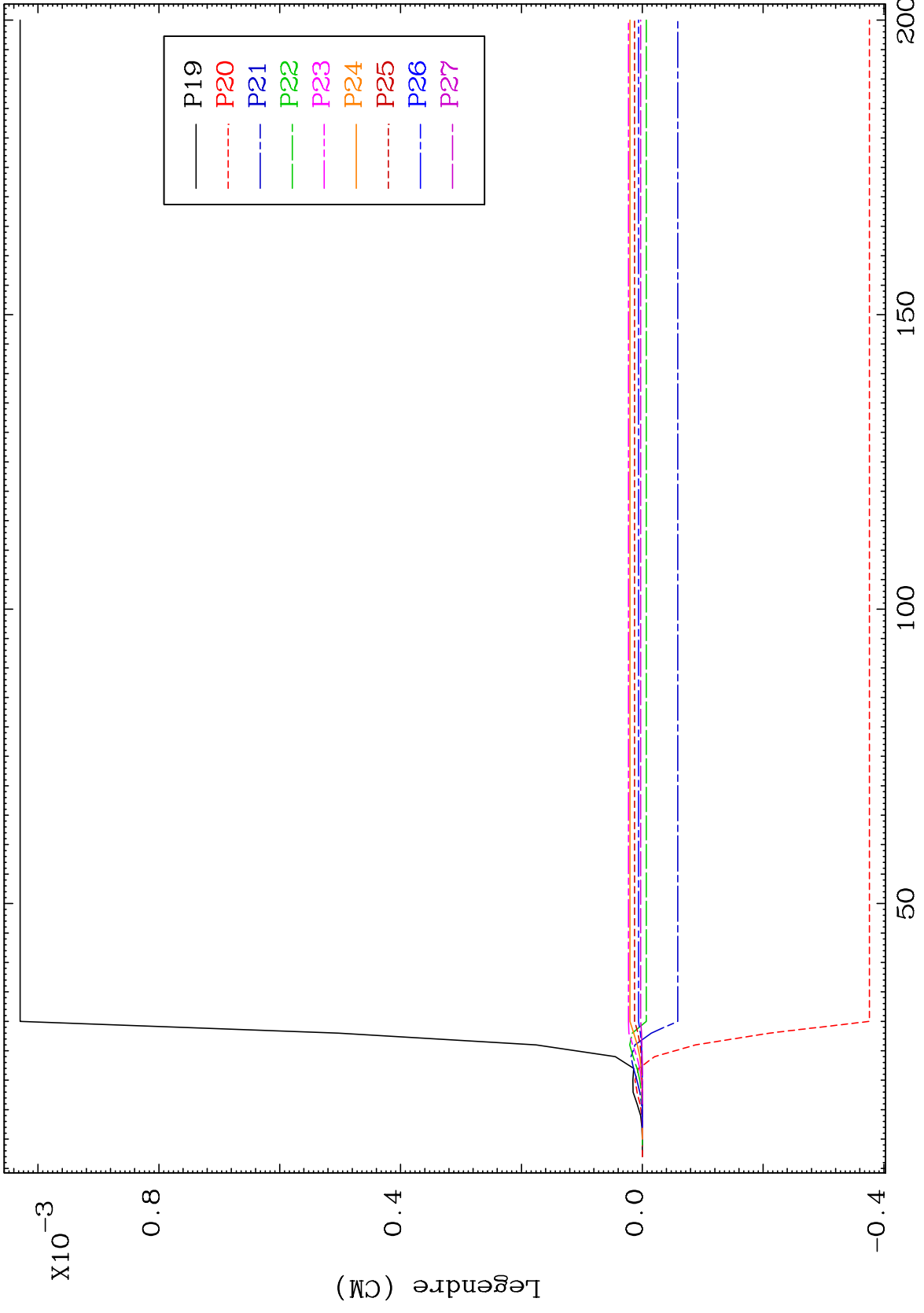
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

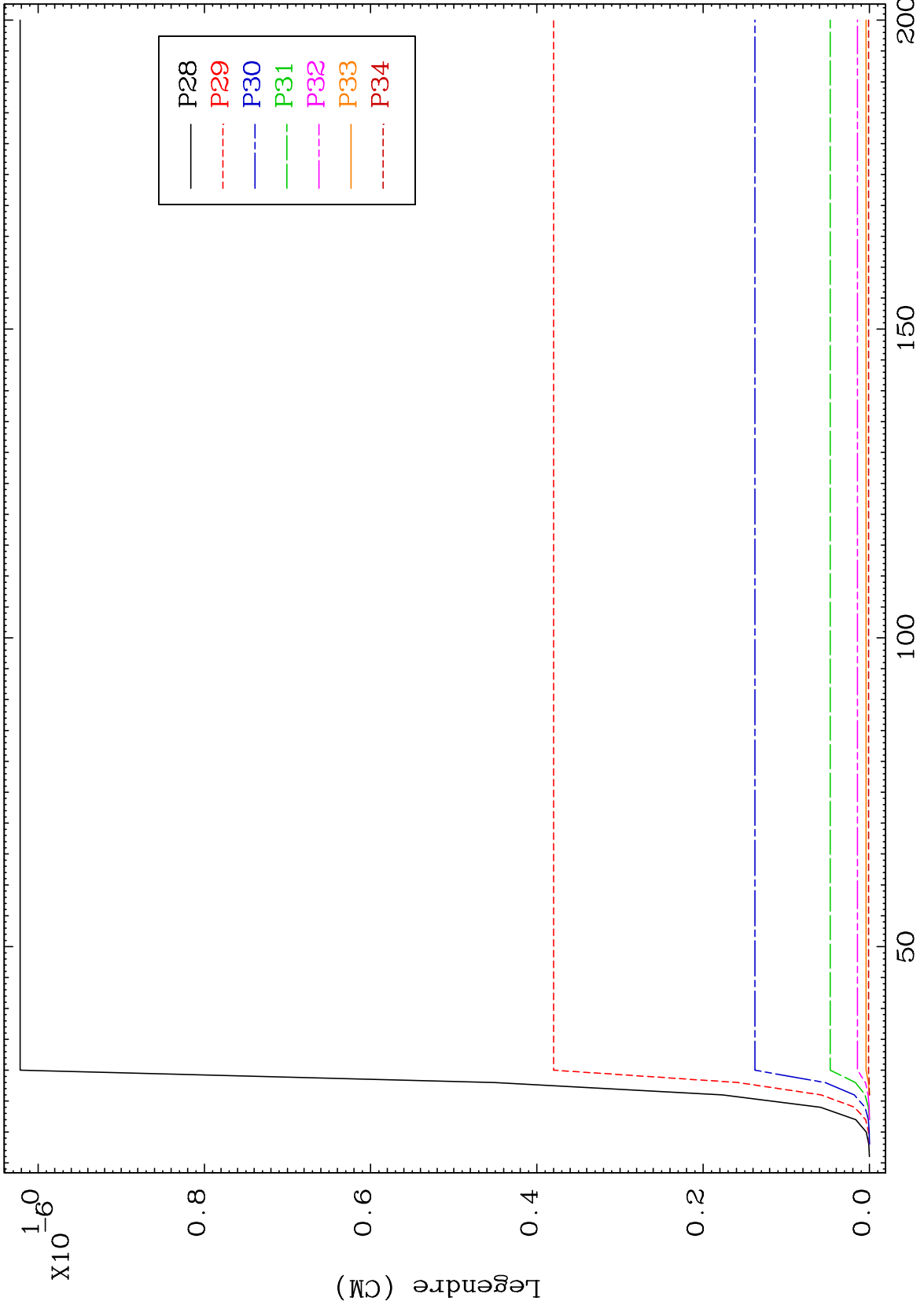
72-Hf-177



70

Incident Energy (MeV)

72-Hf-177

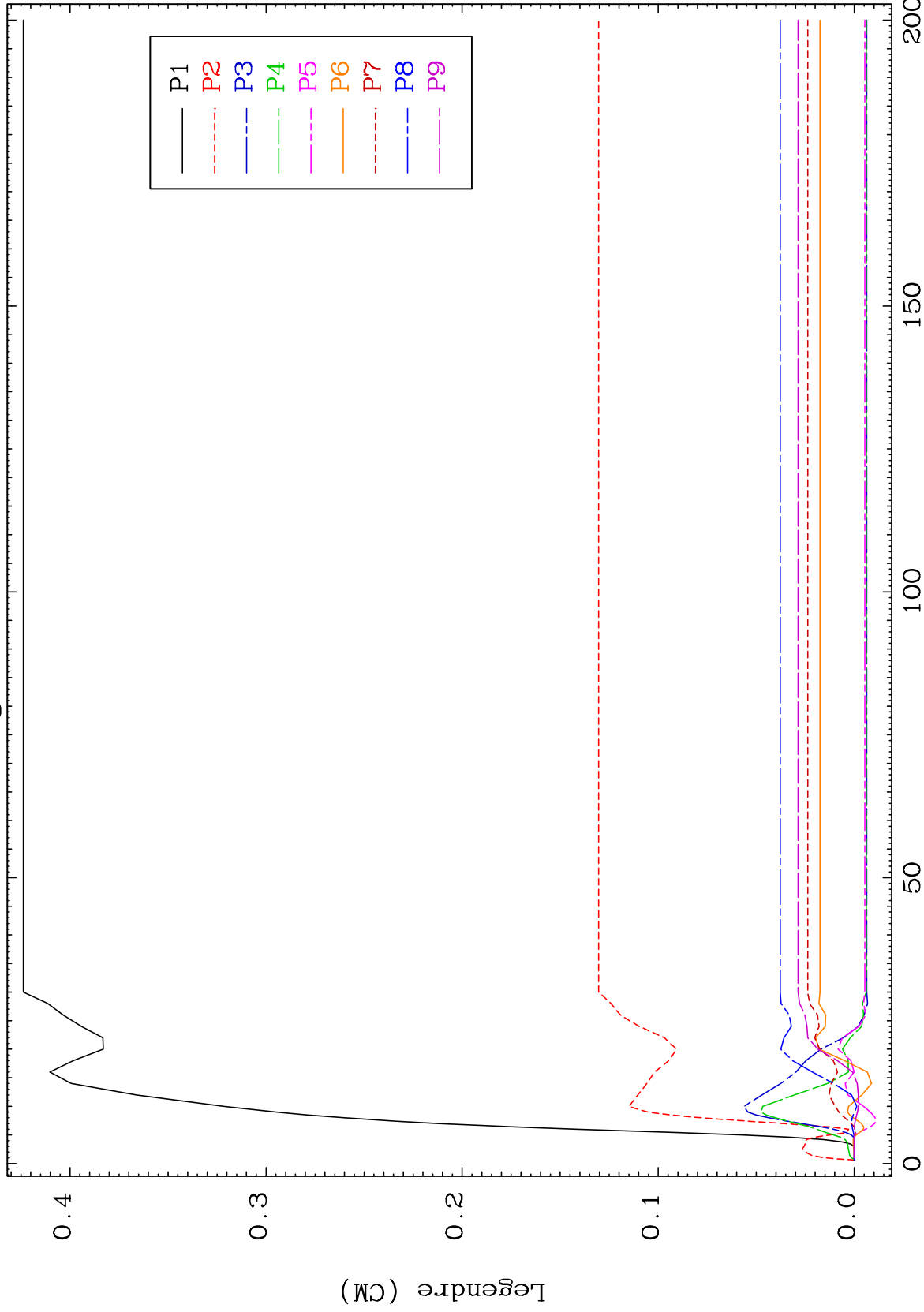




MAT 7234

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

72-Hf-177



72

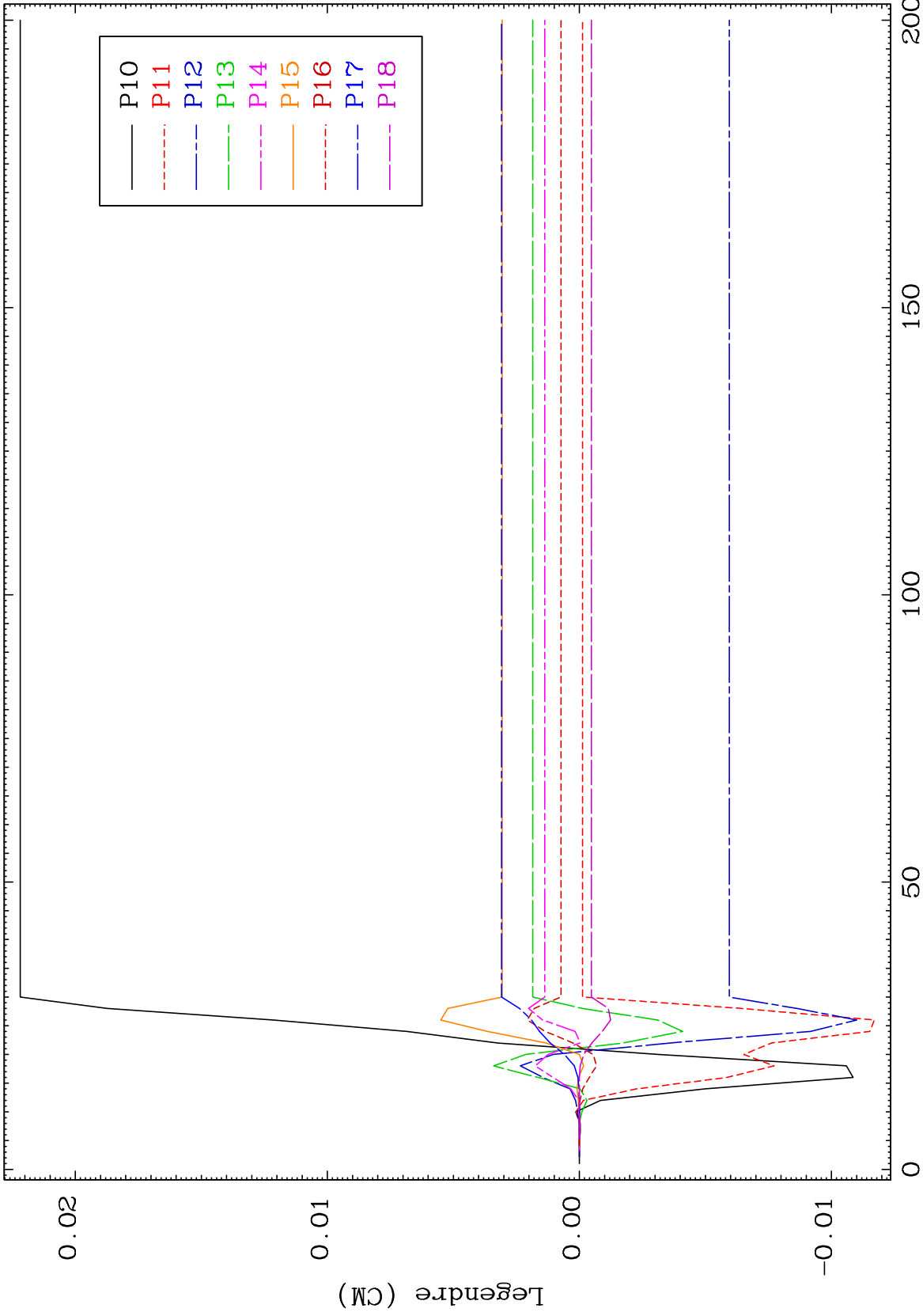
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



73

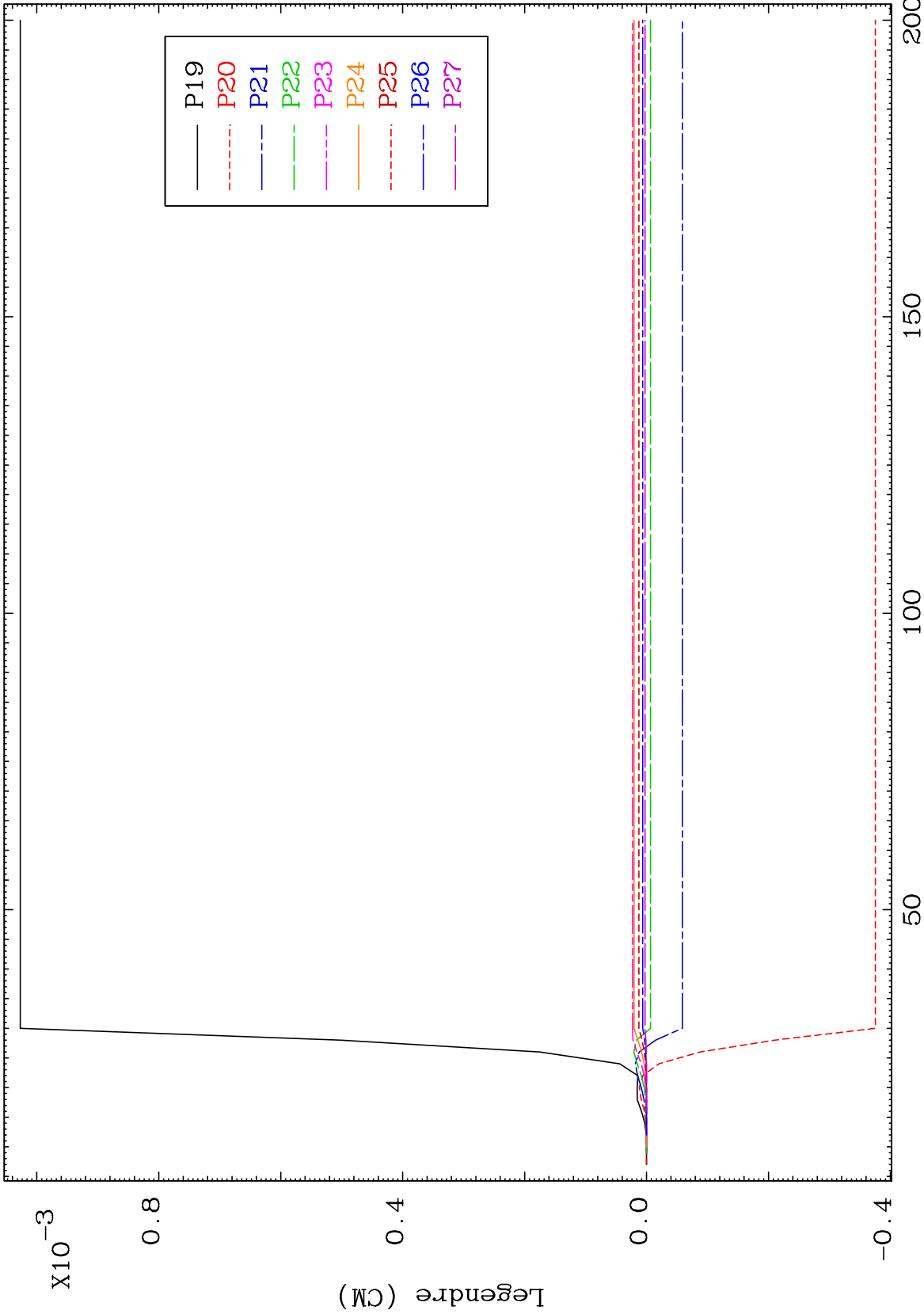
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



74

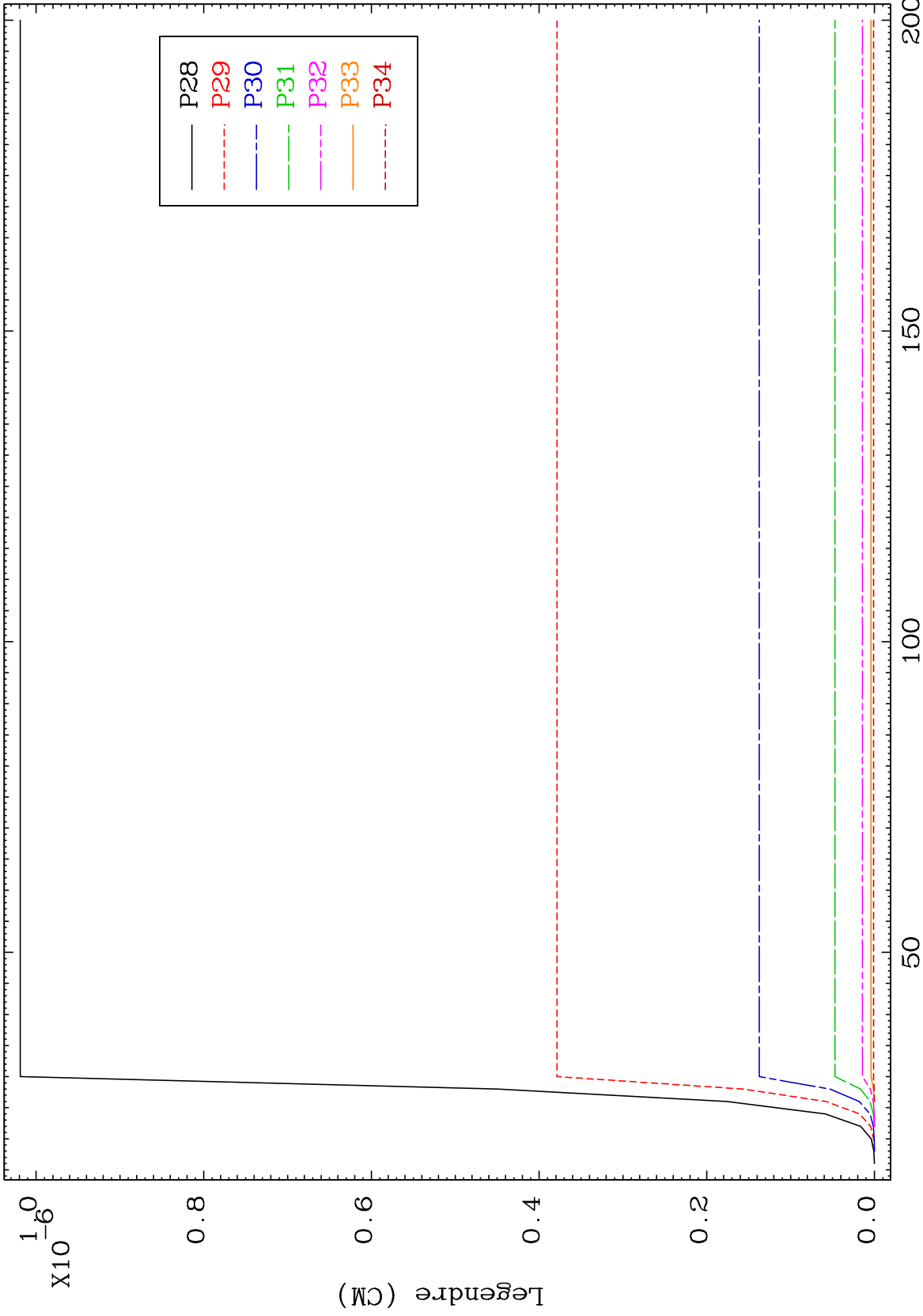
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



75

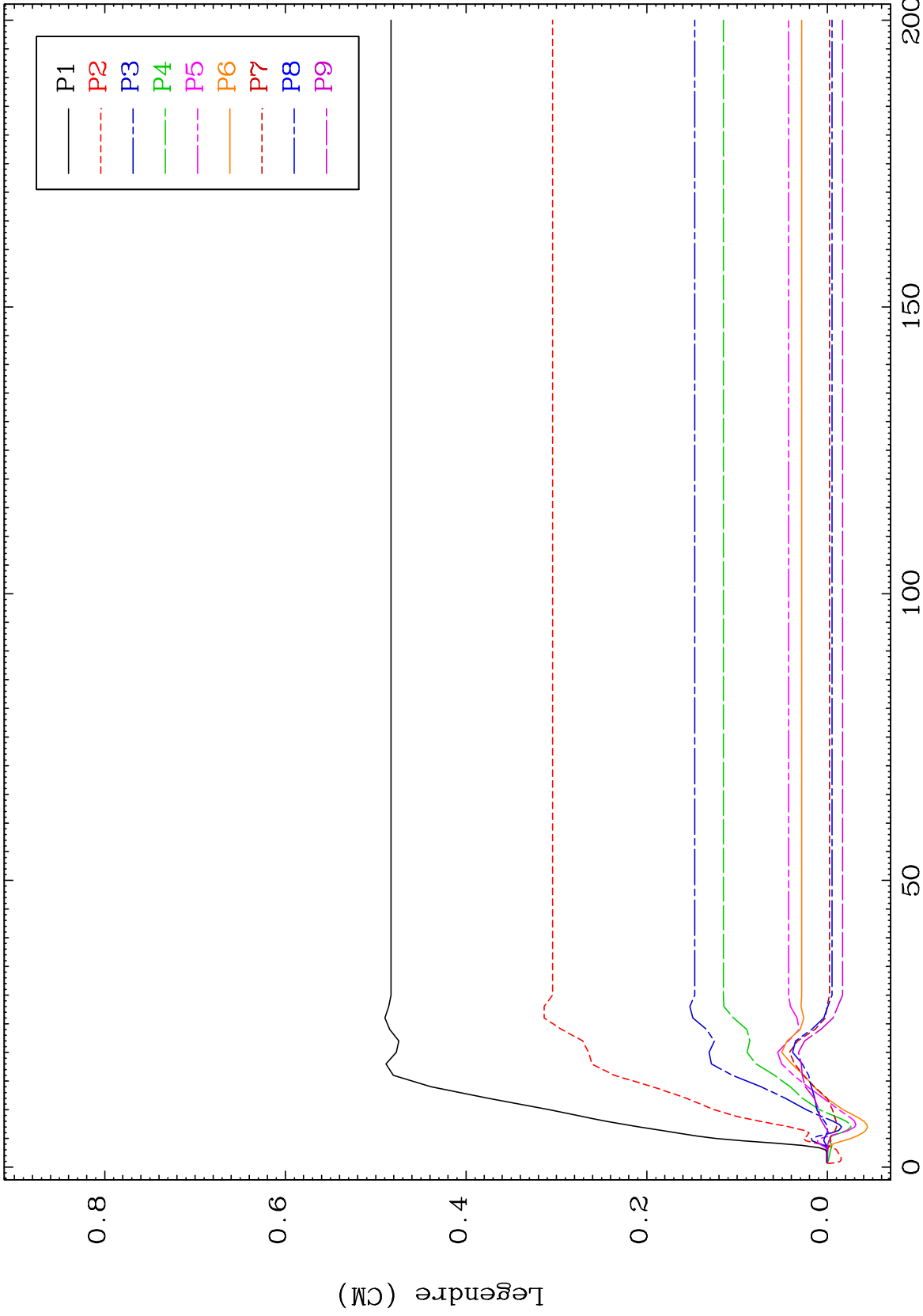
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



76

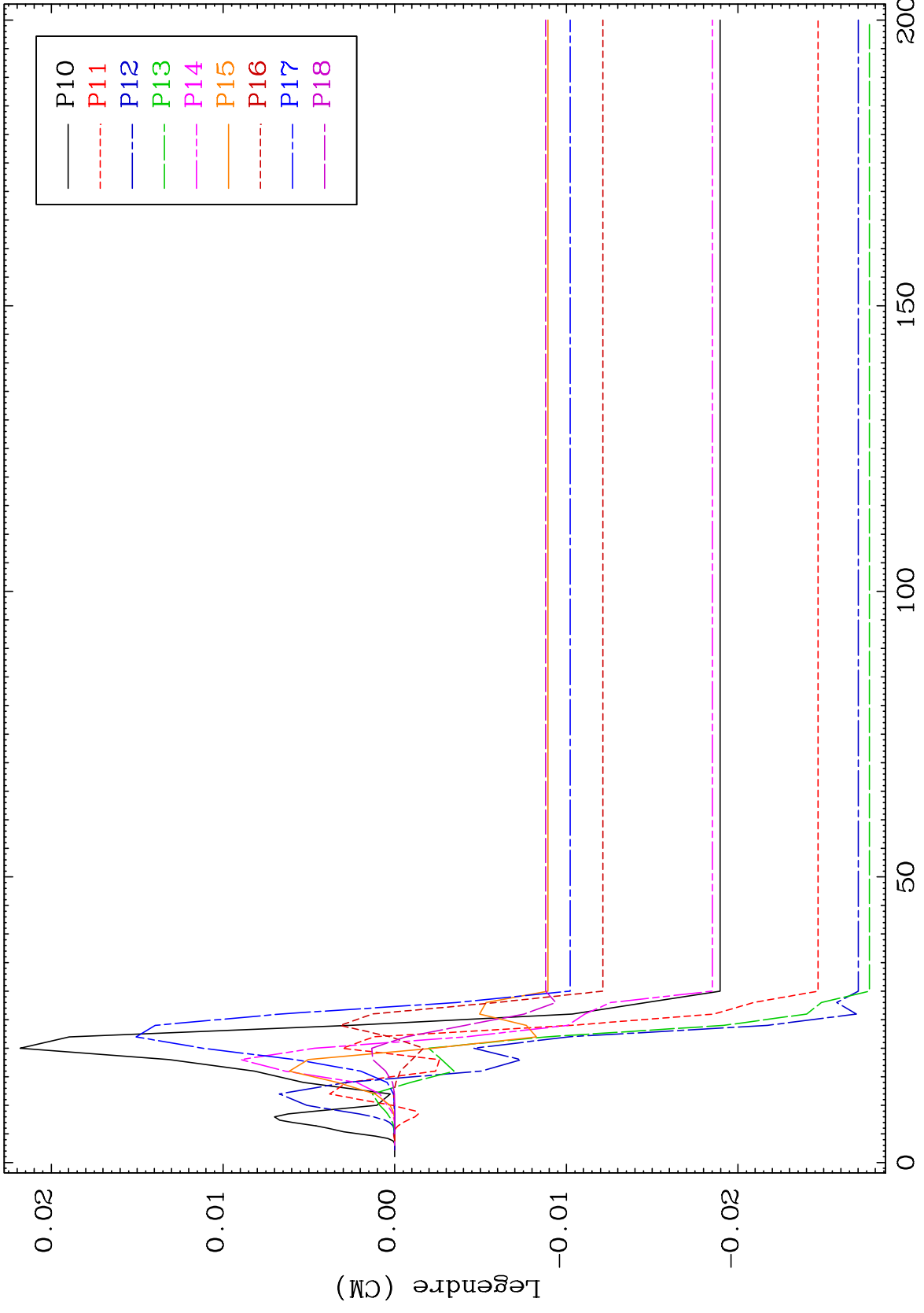
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



77

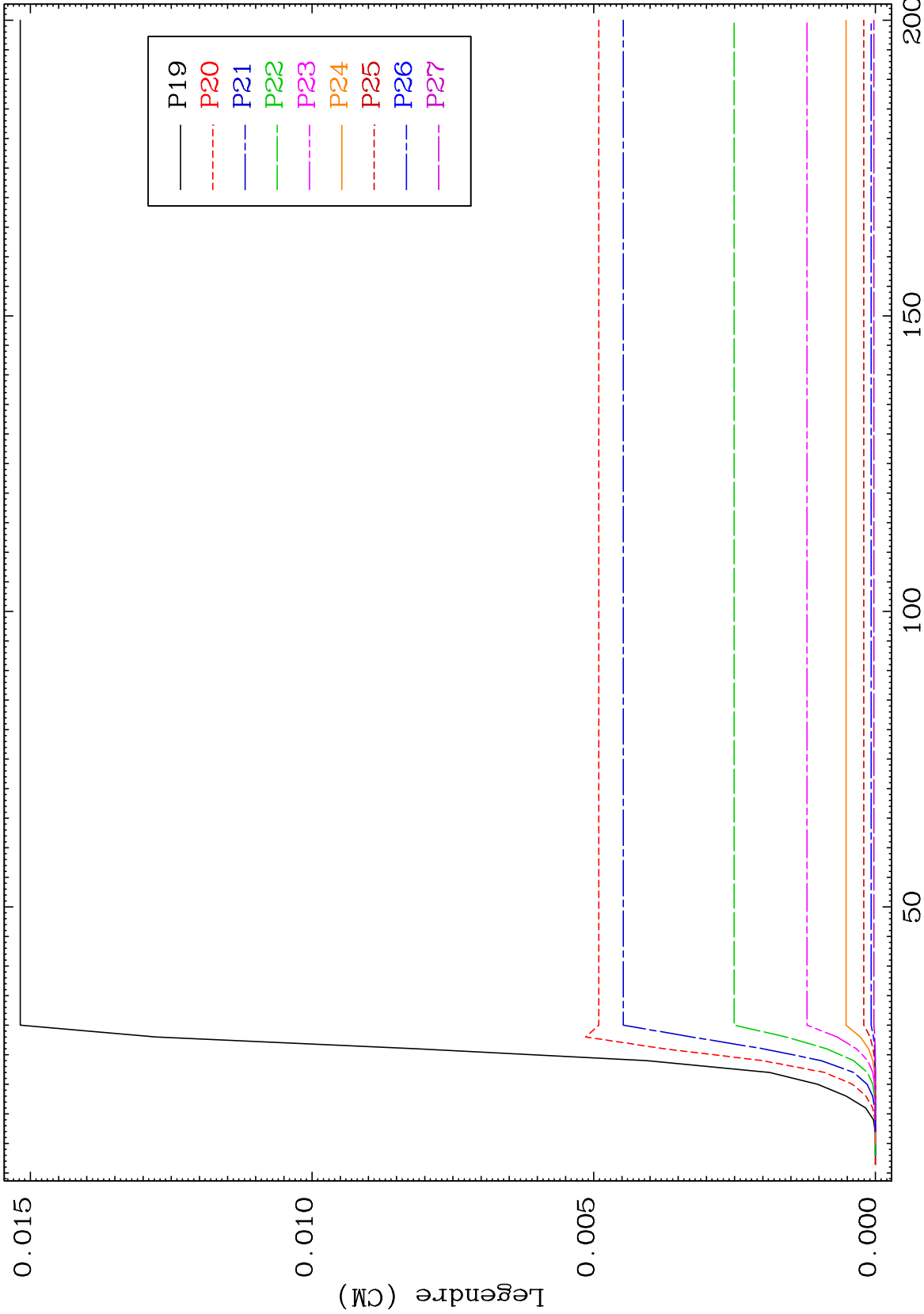
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



78

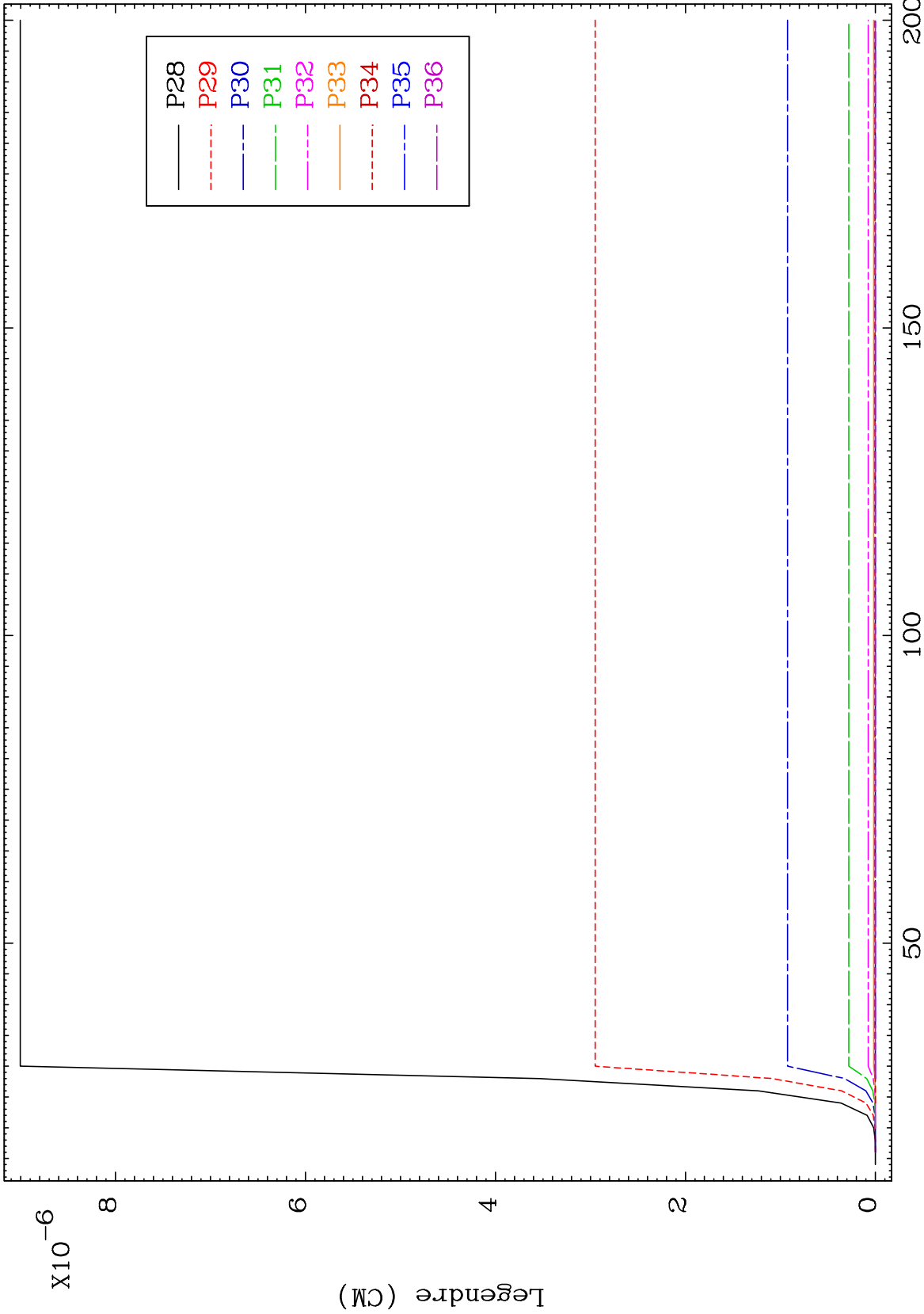
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



79

Incident Energy (MeV)

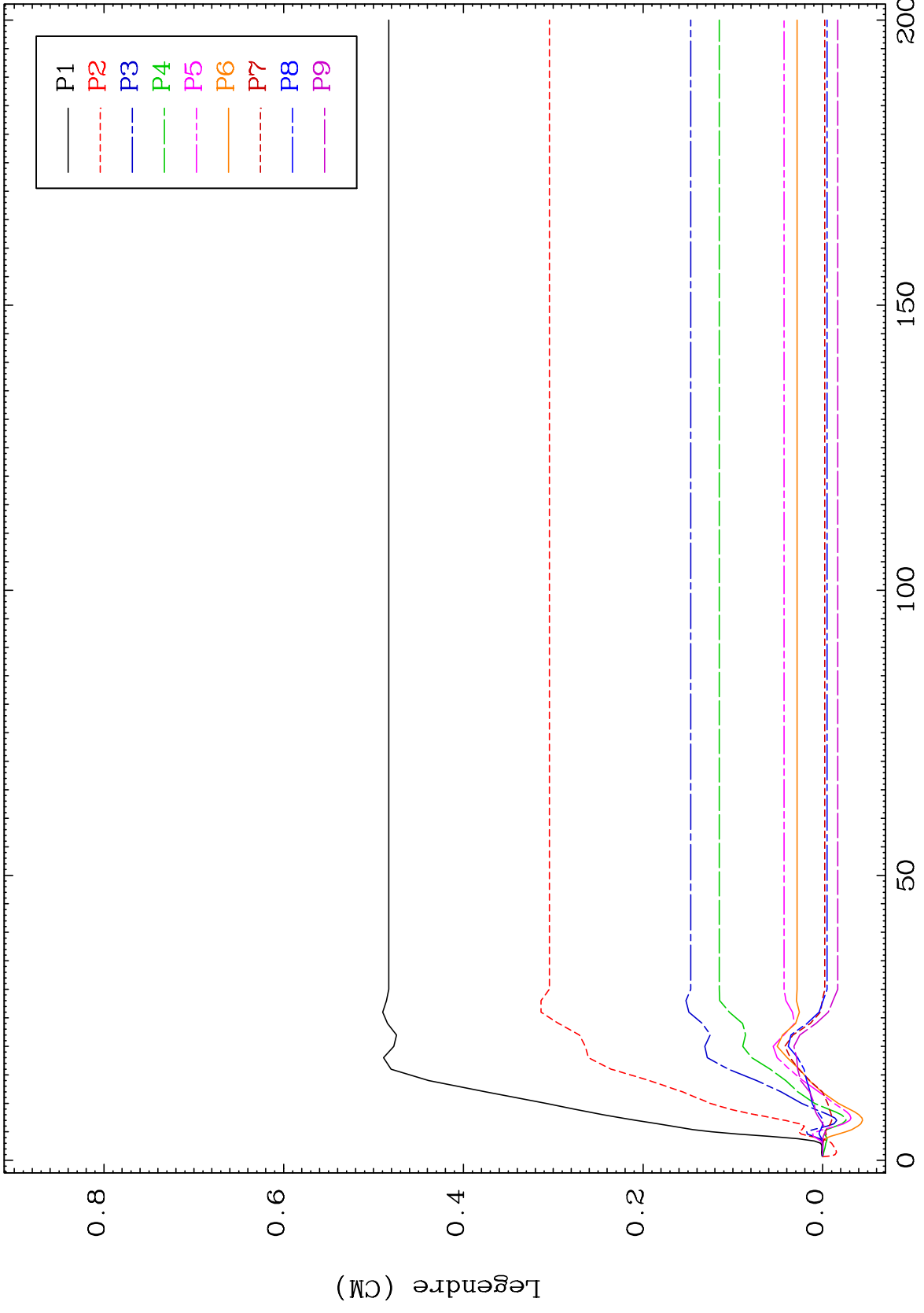
72-Hf-177



MAT 7234

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

72-Hf-177



72-Hf-177

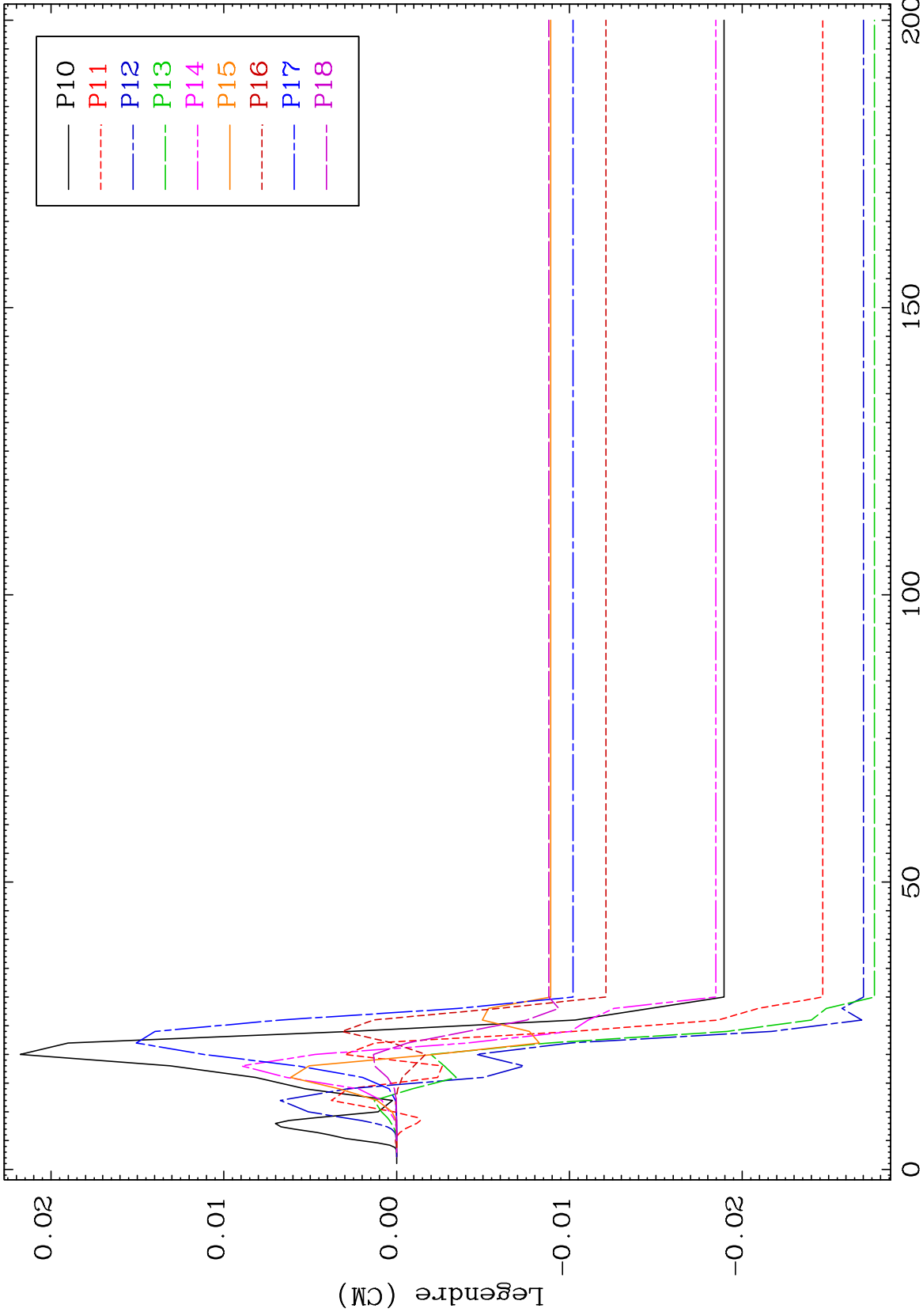
Incident Energy (MeV)

80

MAT 7234

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

72-Hf-177



81

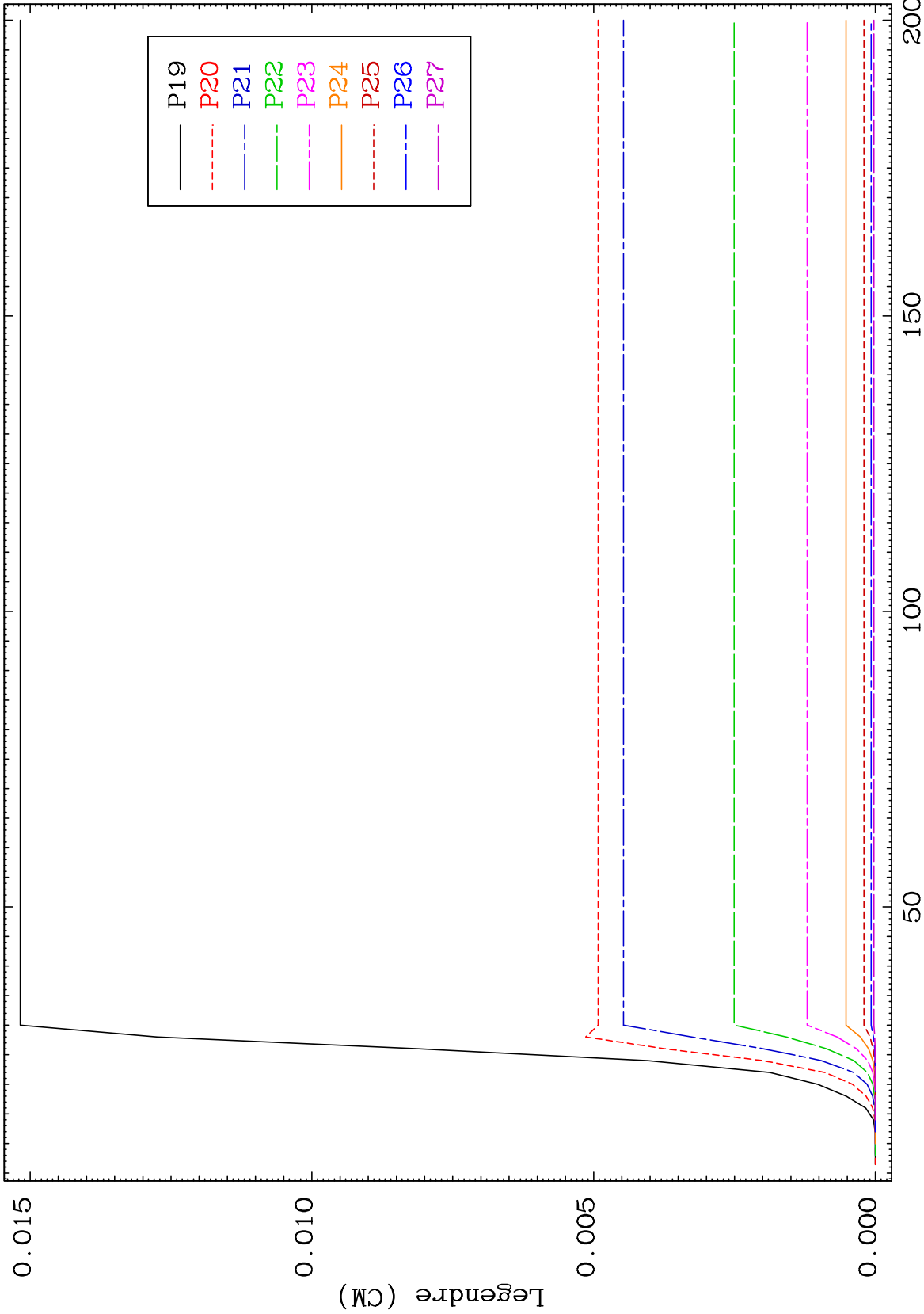
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



82

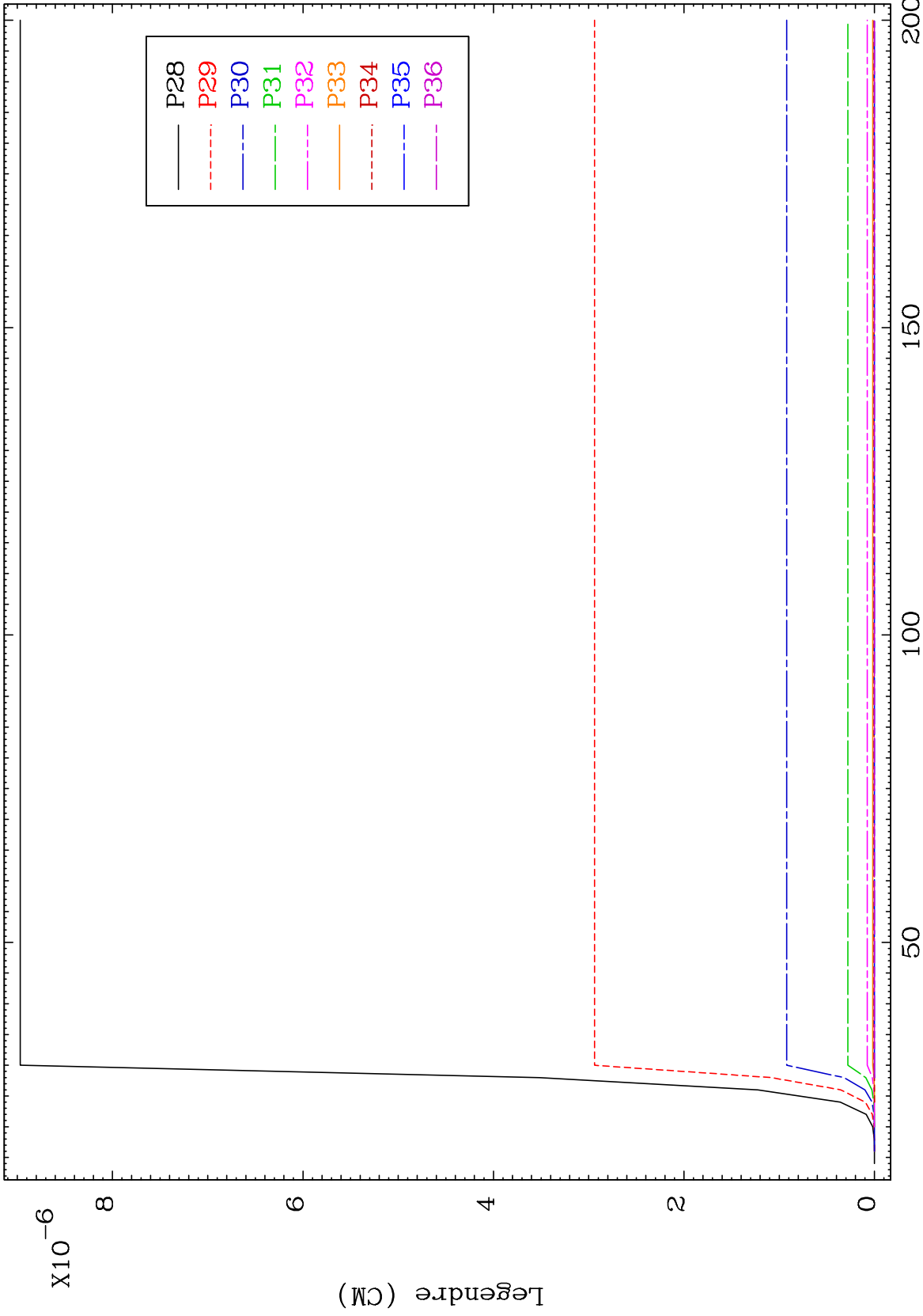
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



83

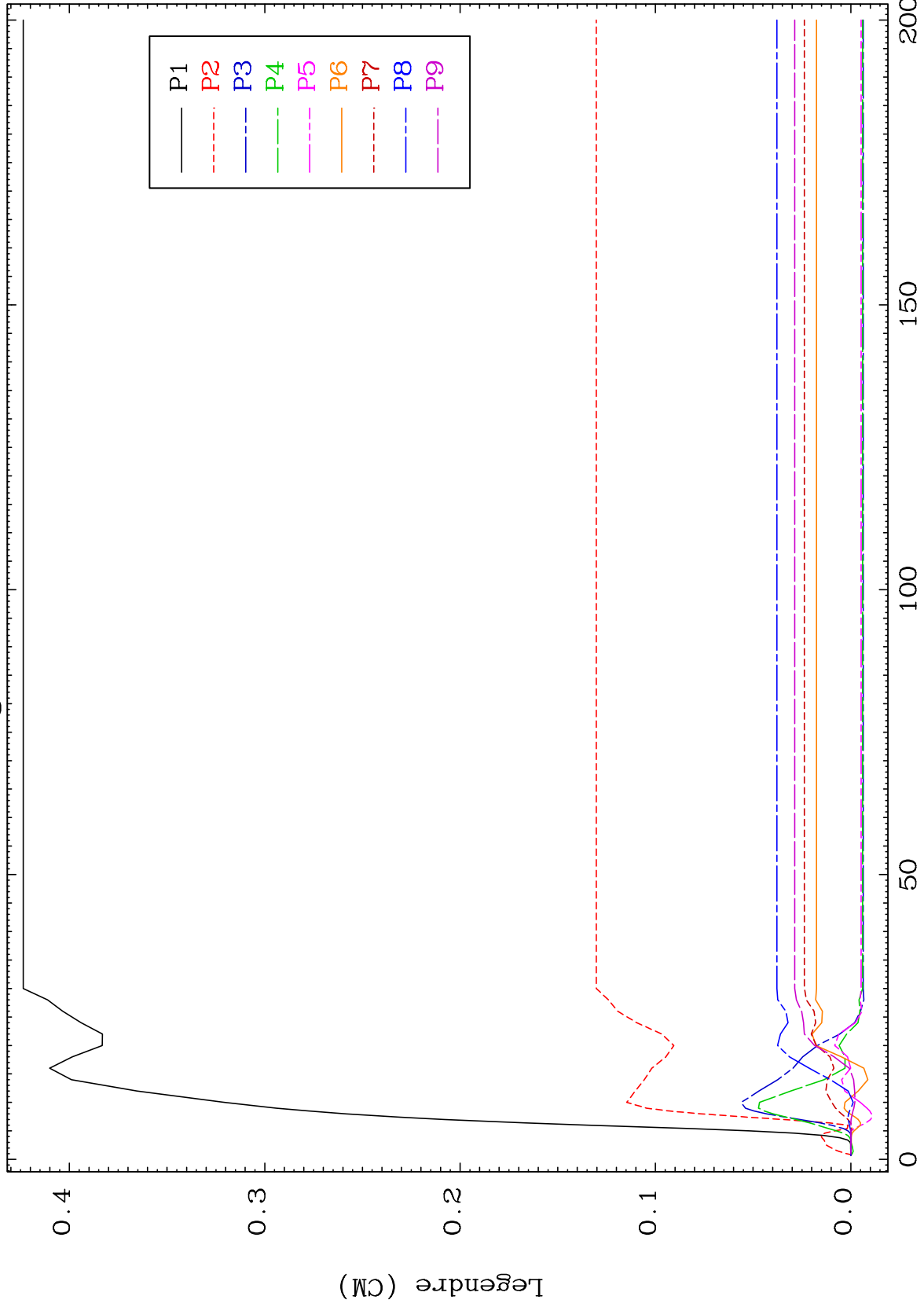
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



84

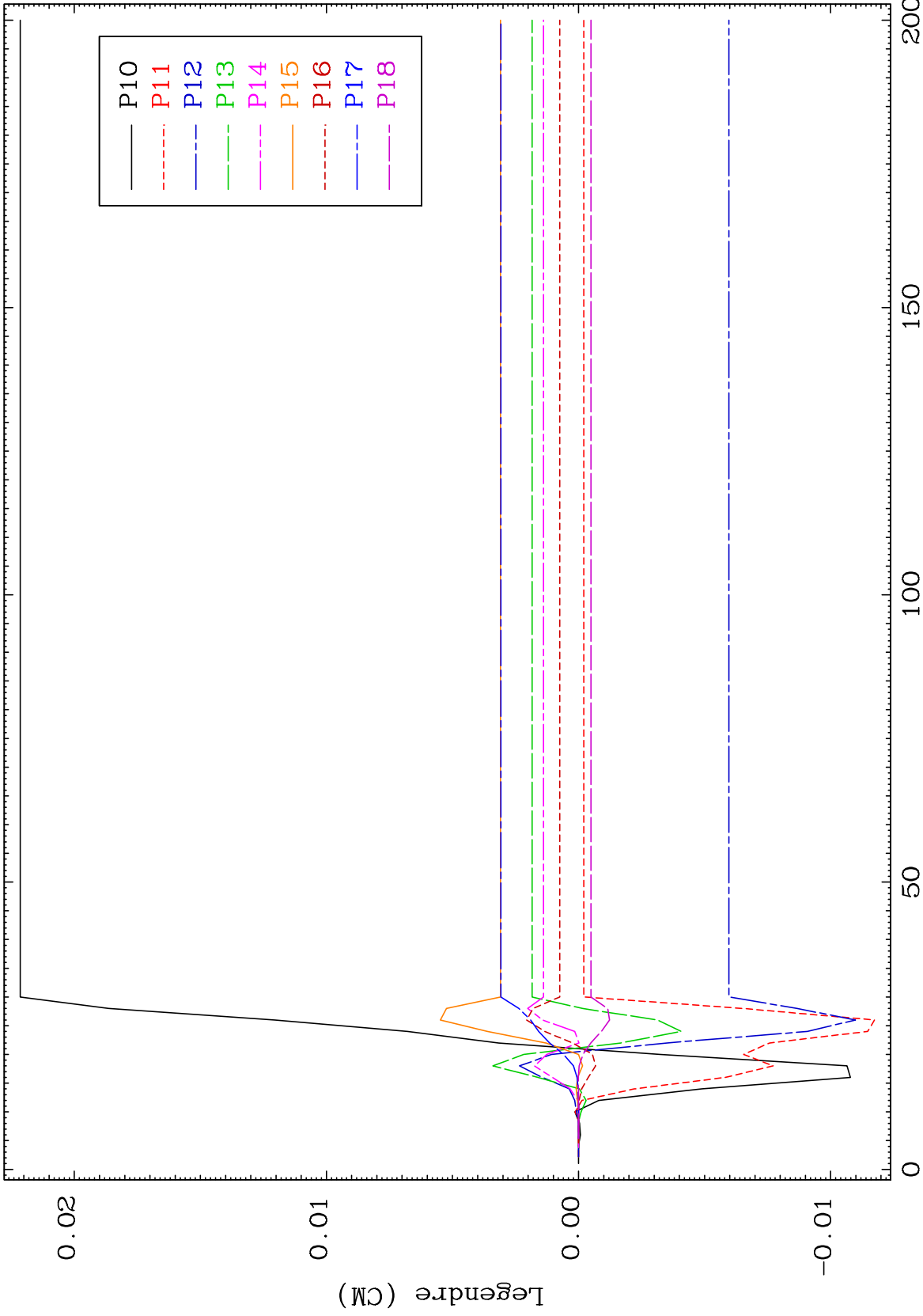
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



85

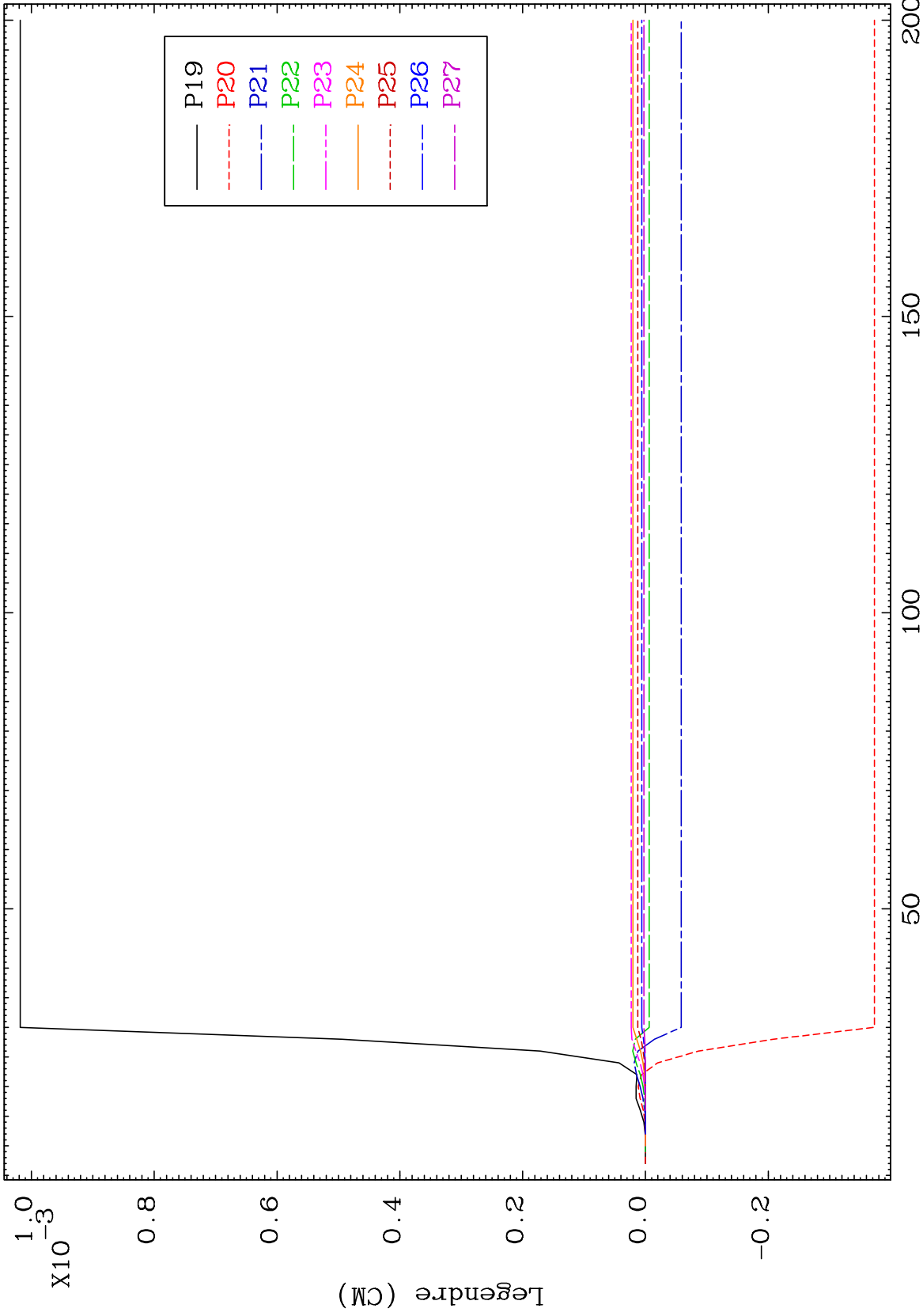
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



86

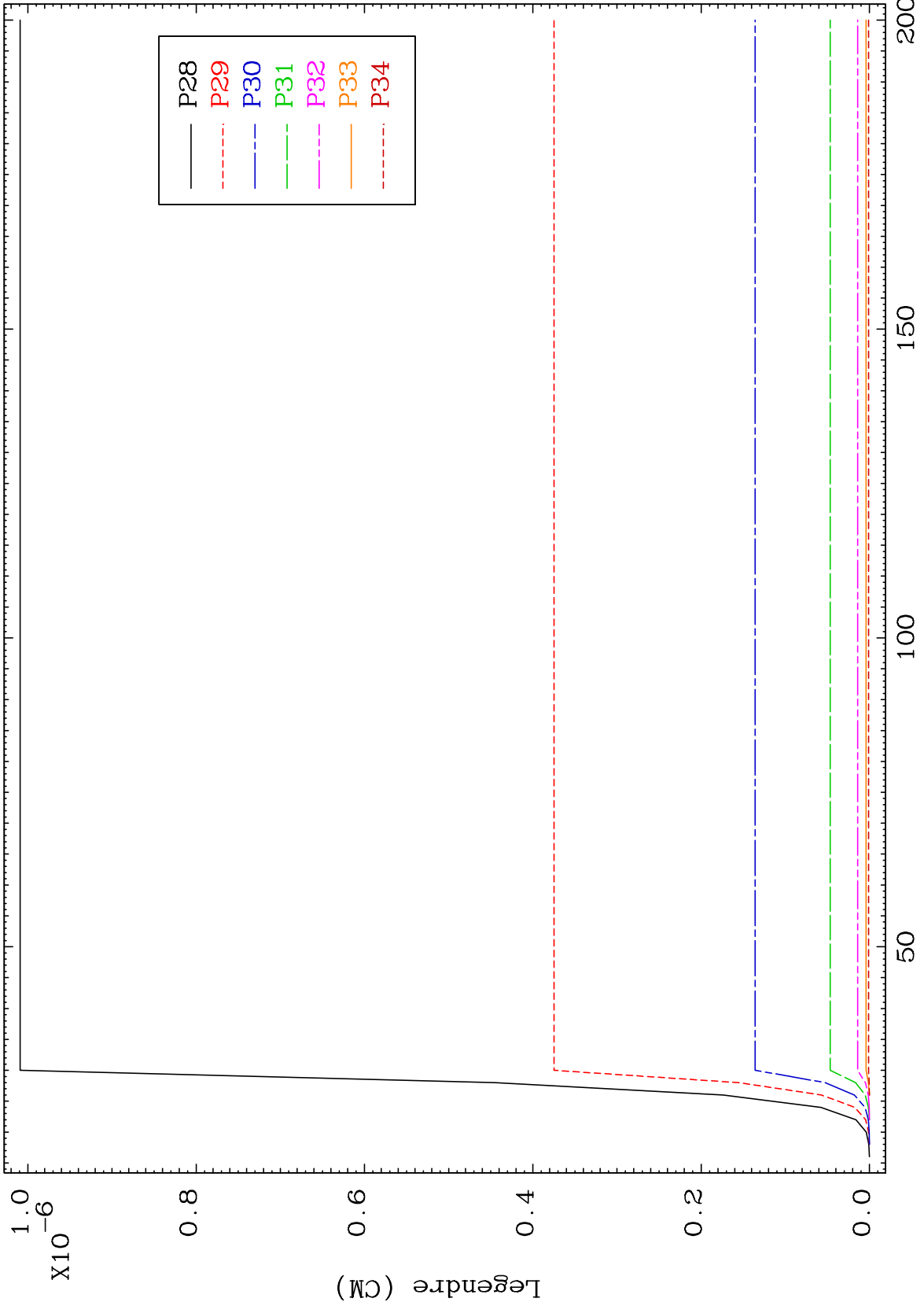
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



87

Incident Energy (MeV)

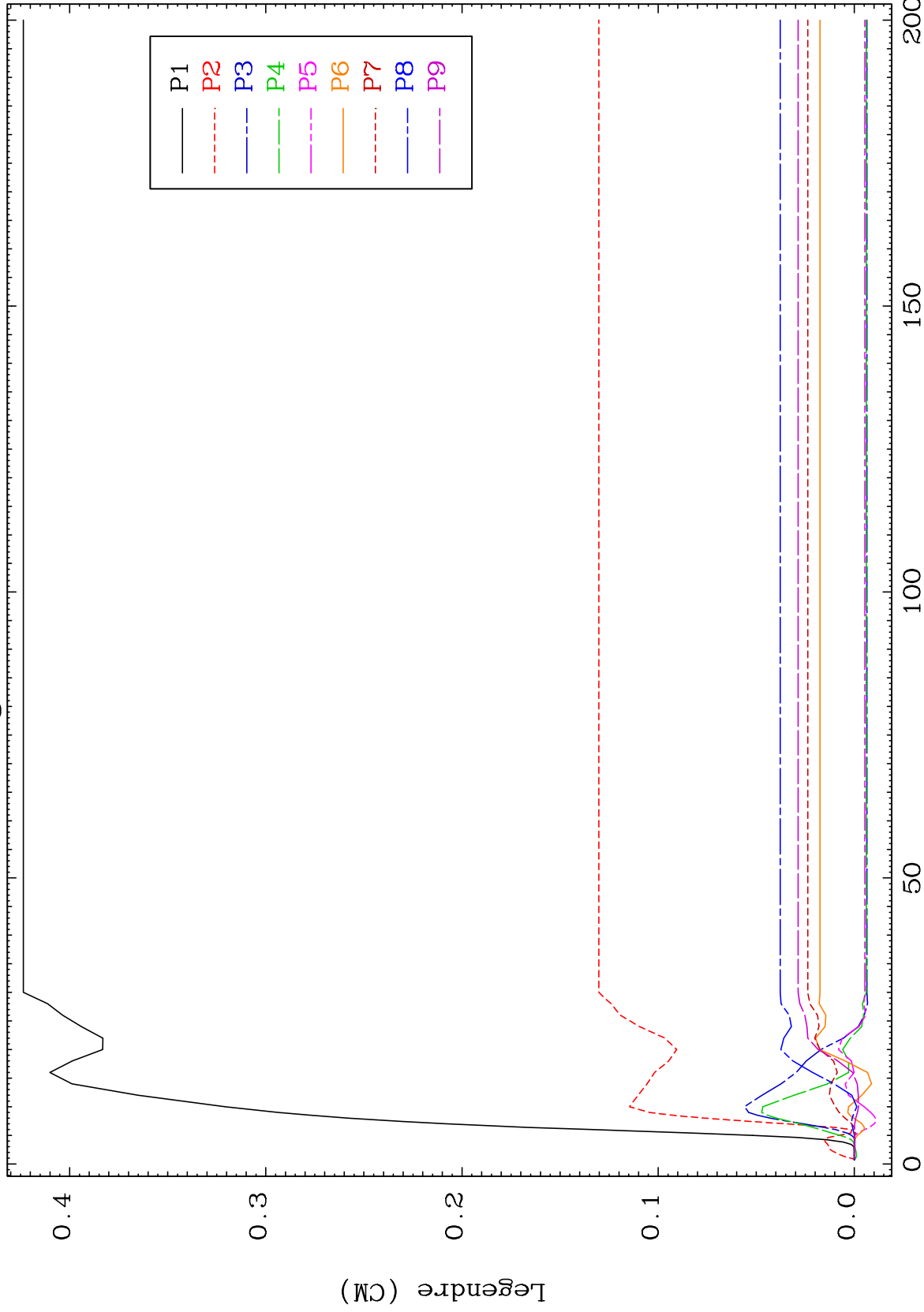
72-Hf-177



MAT 7234

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

72-Hf-177



88

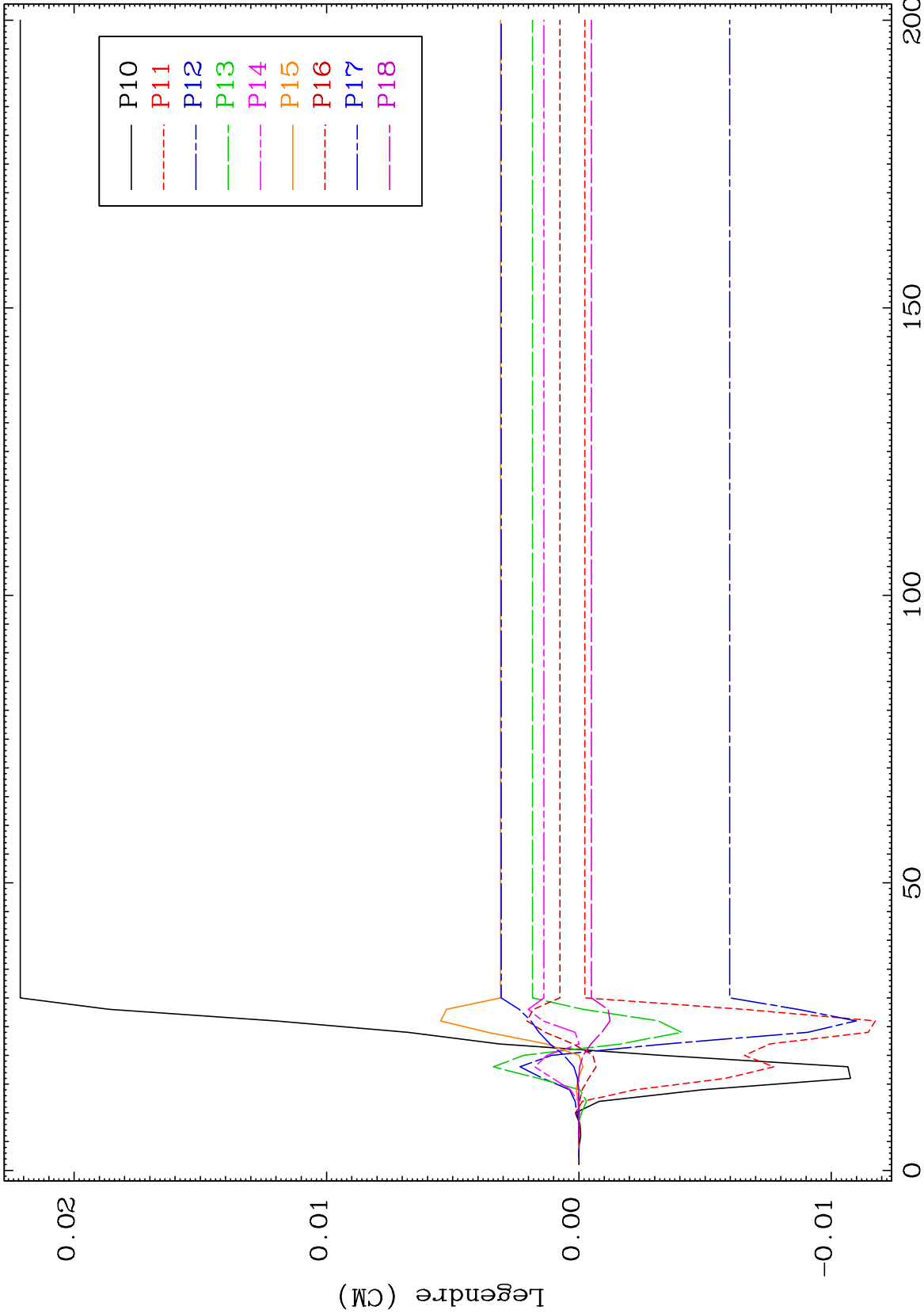
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



89

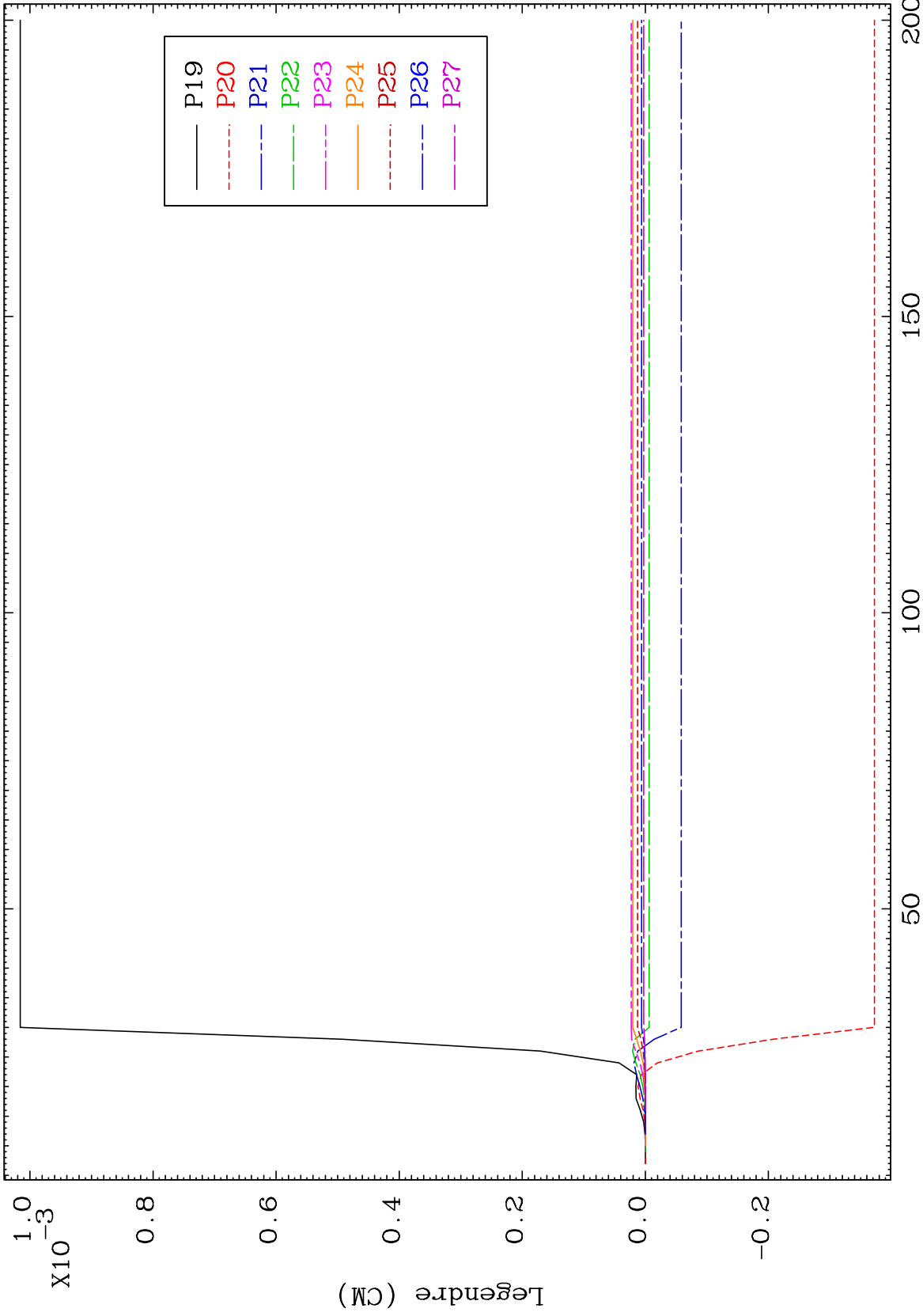
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

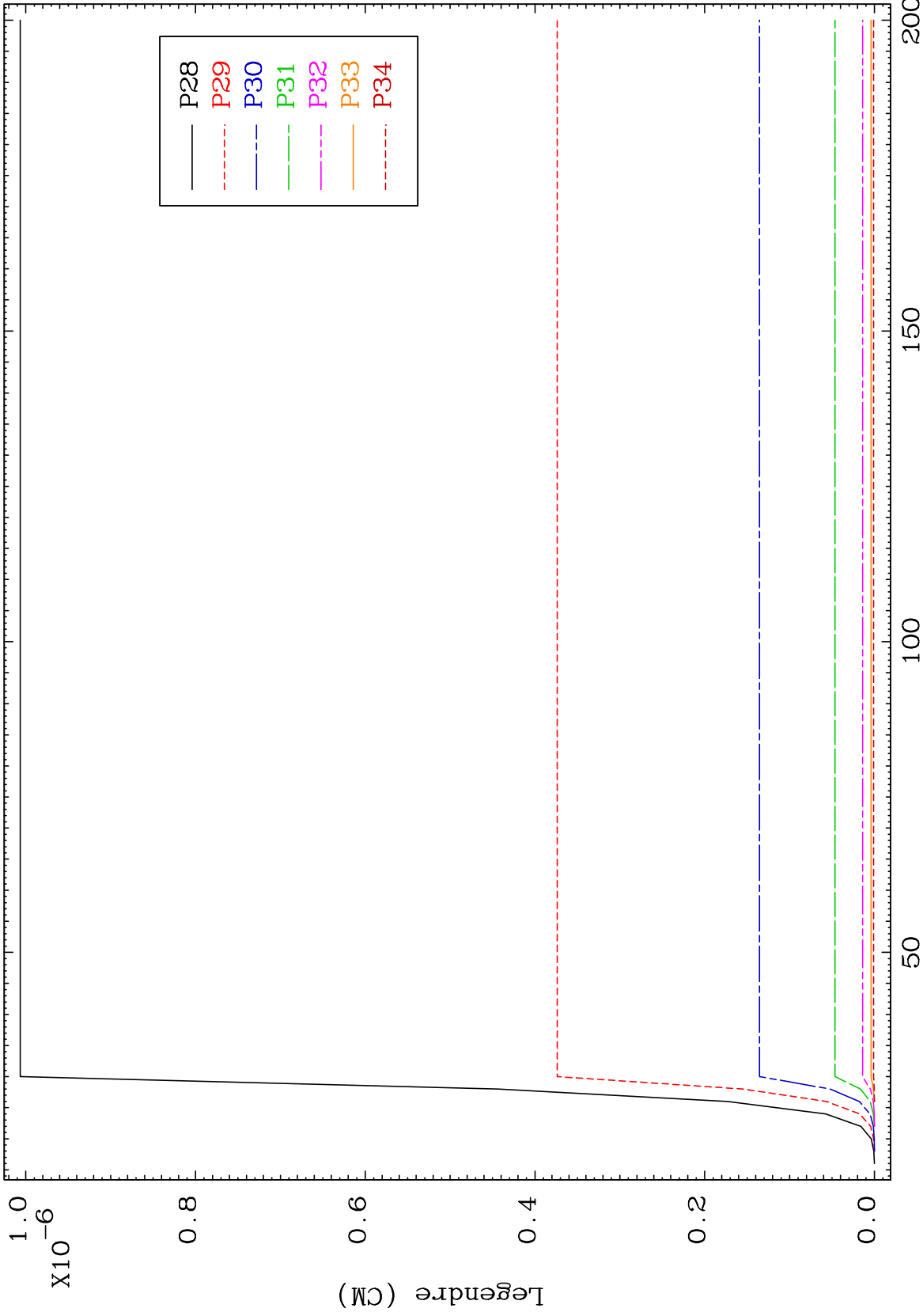
72-Hf-177



90

Incident Energy (MeV)

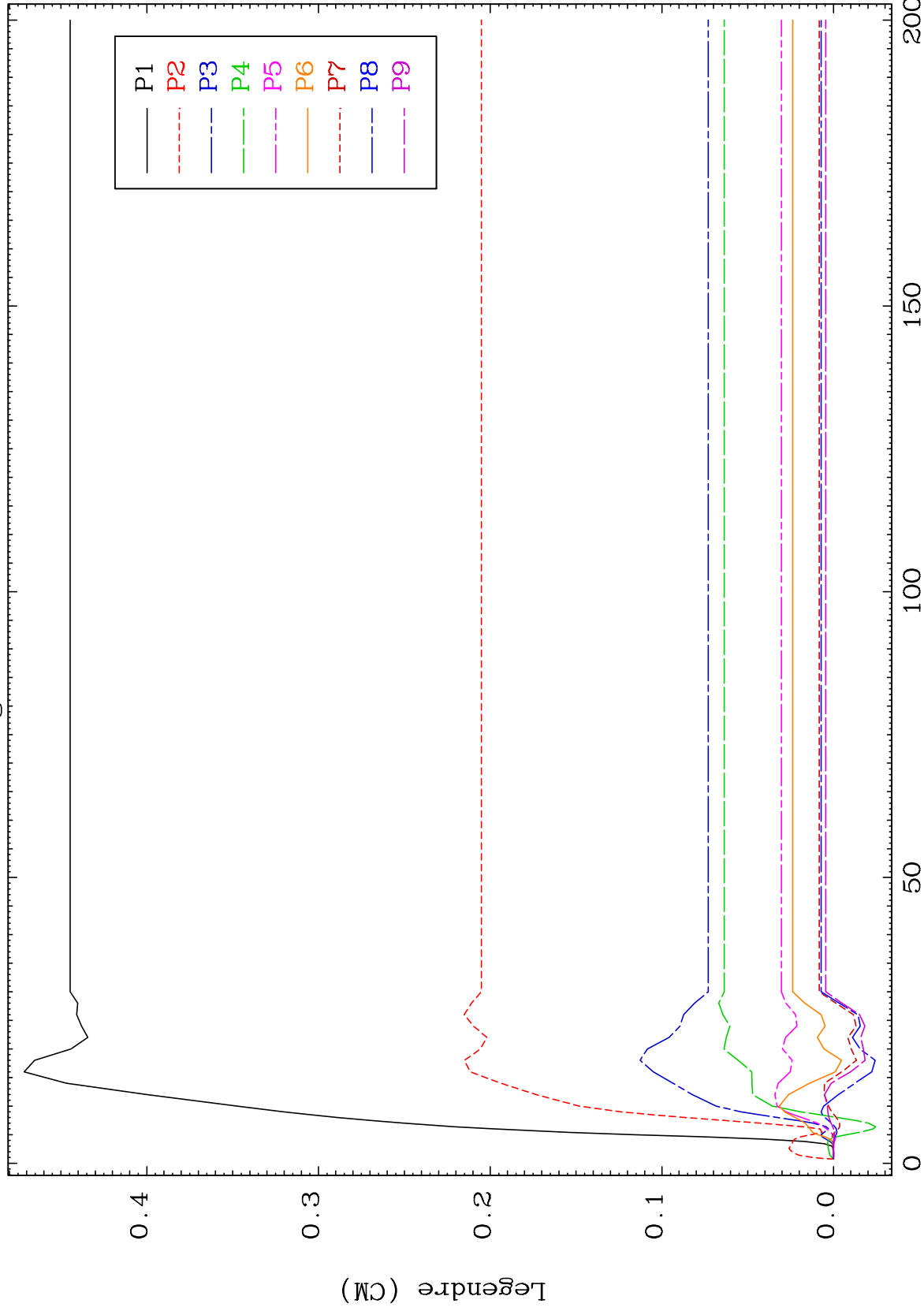
72-Hf-177



MAT 7234

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

72-Hf-177



92

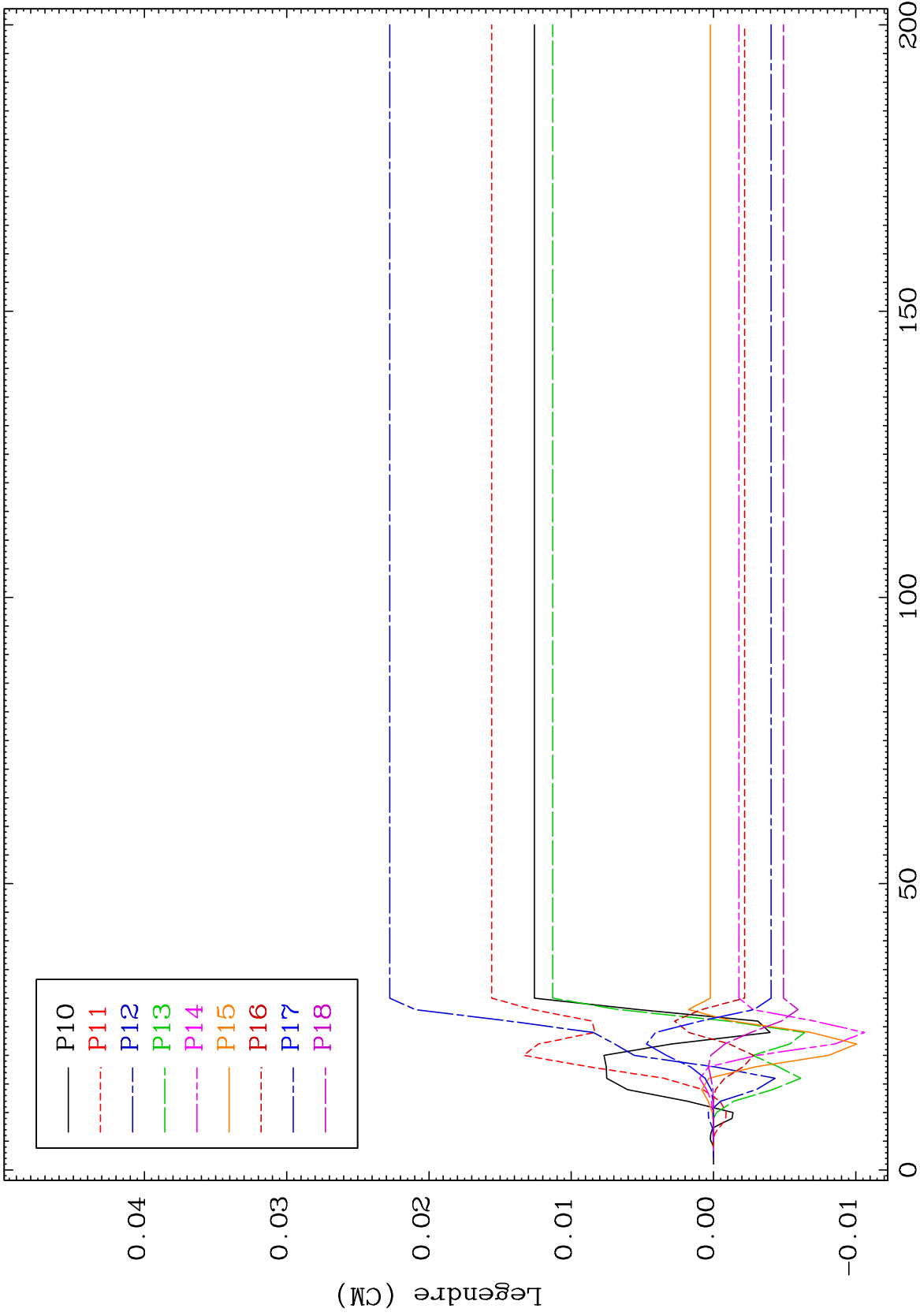
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



93

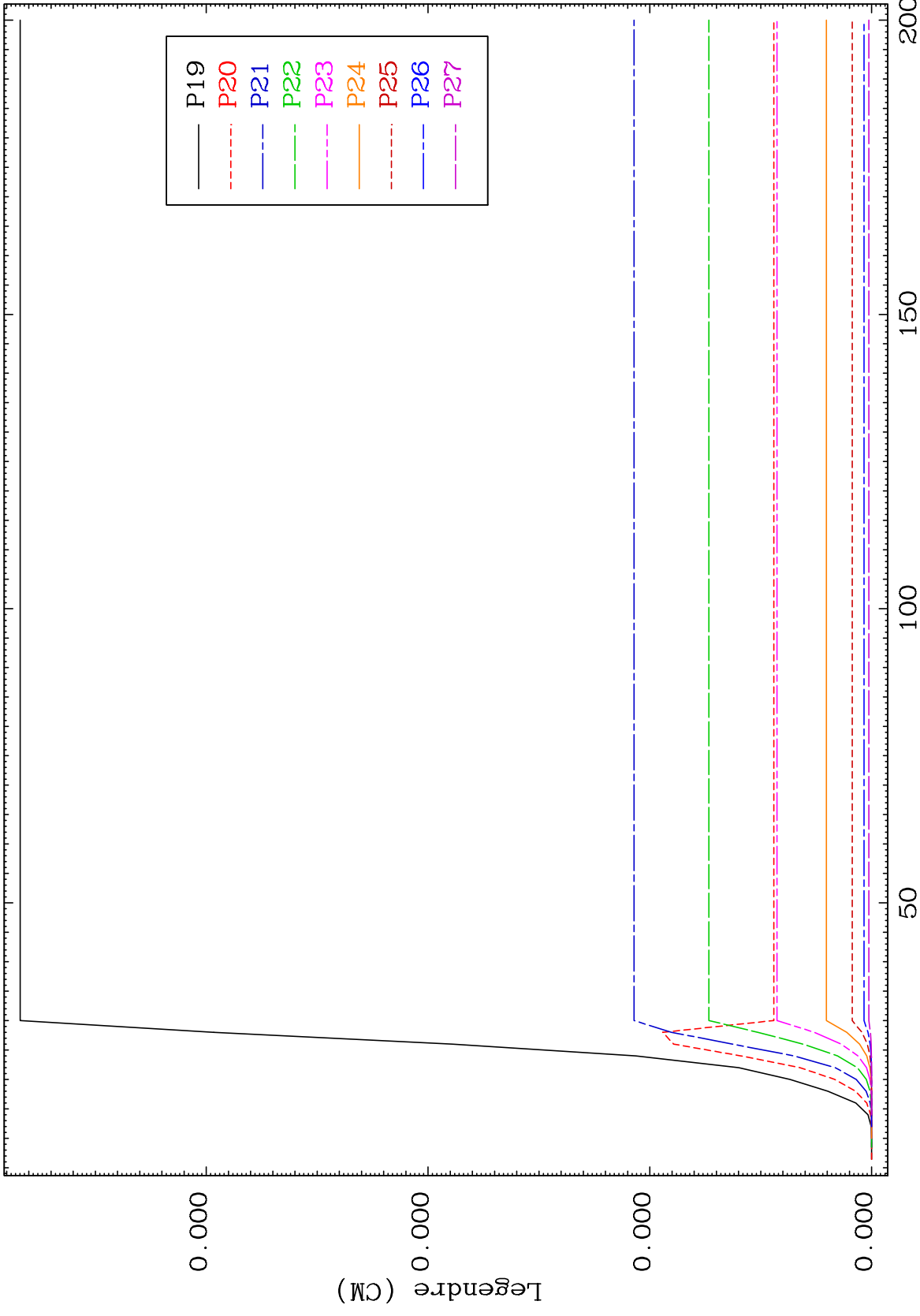
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



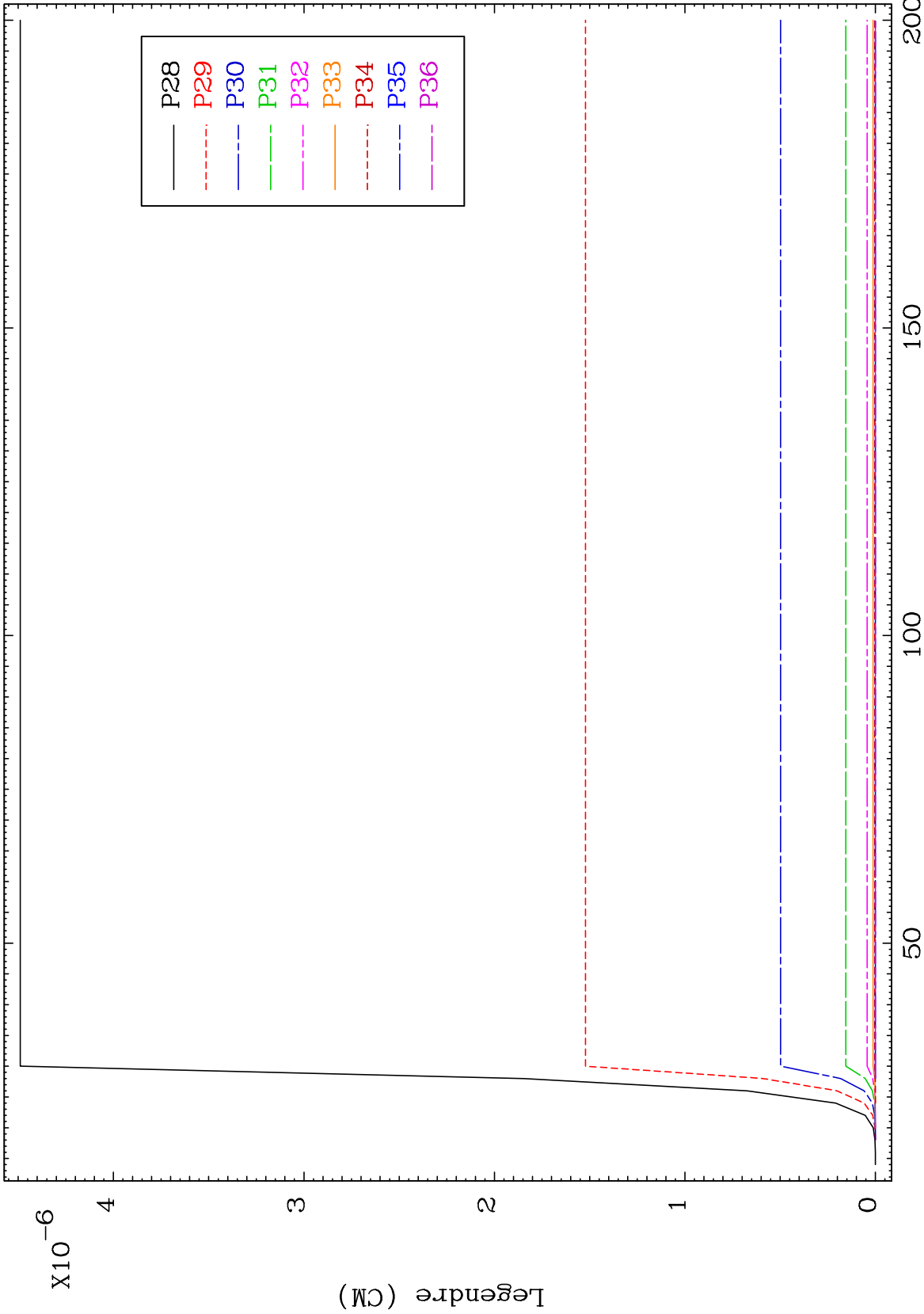
94

72-Hf-177

MAT 7234

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

72-Hf-177



95

Incident Energy (MeV)

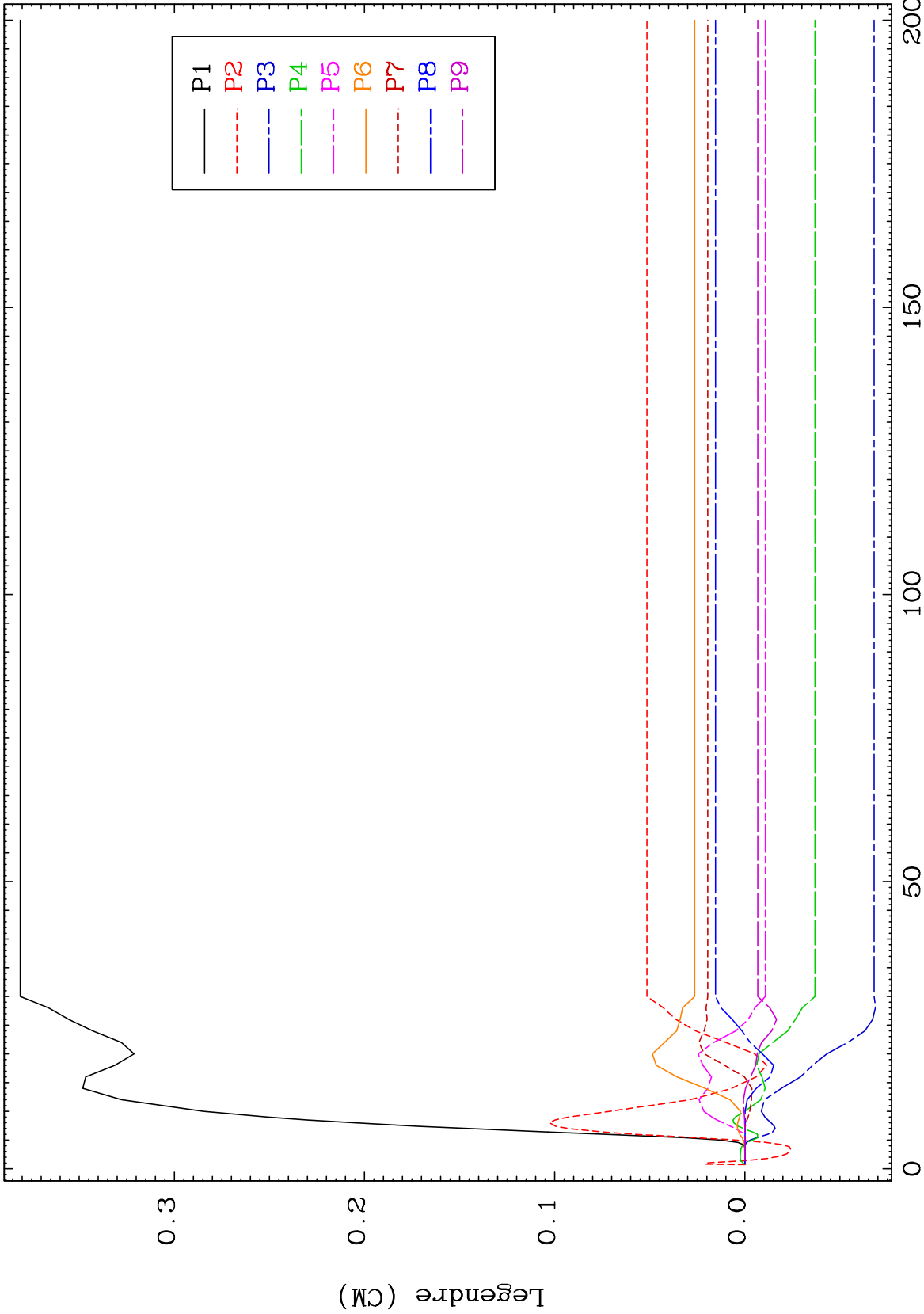
72-Hf-177



MAT 7234

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

72-Hf-177



96

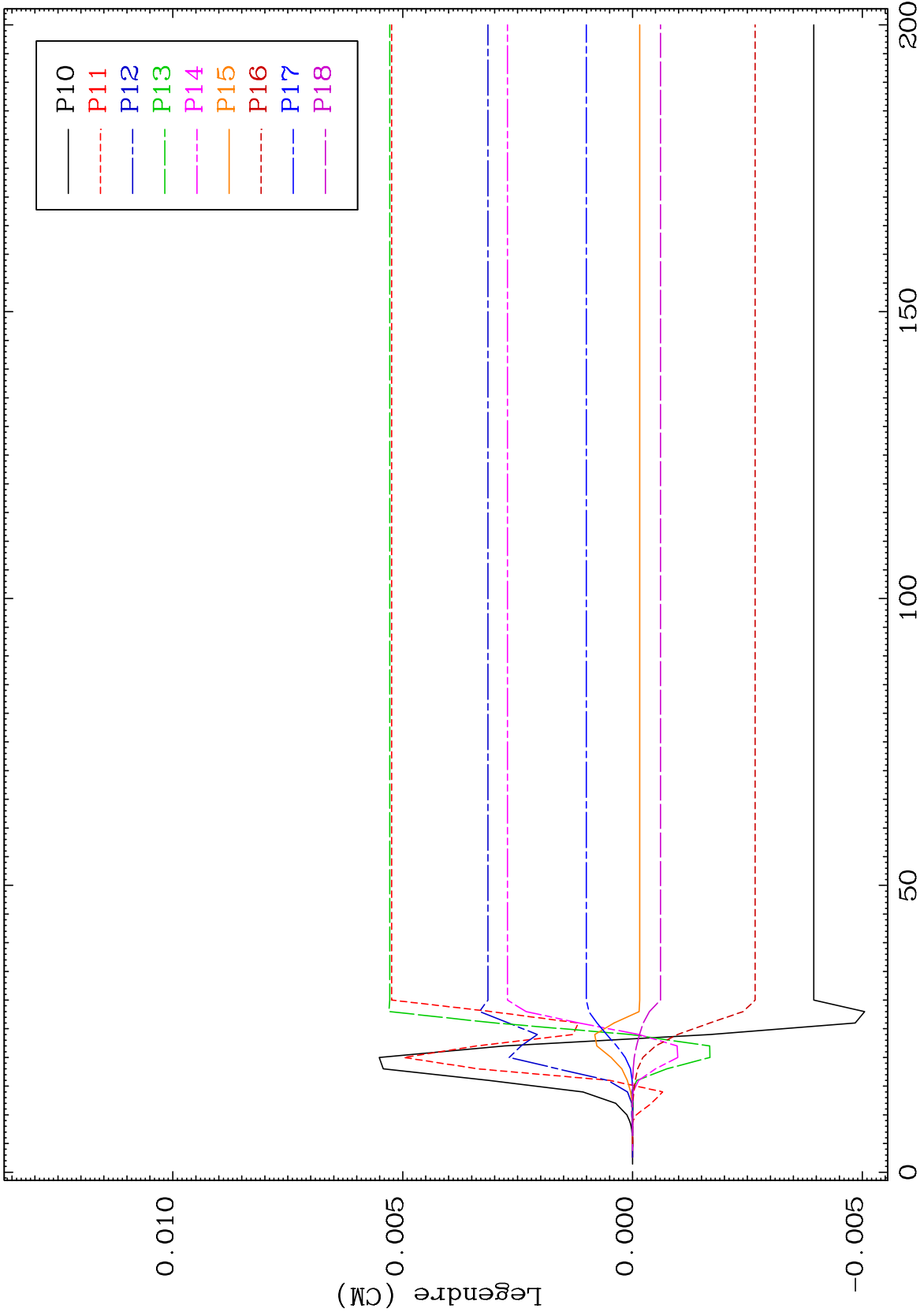
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



97

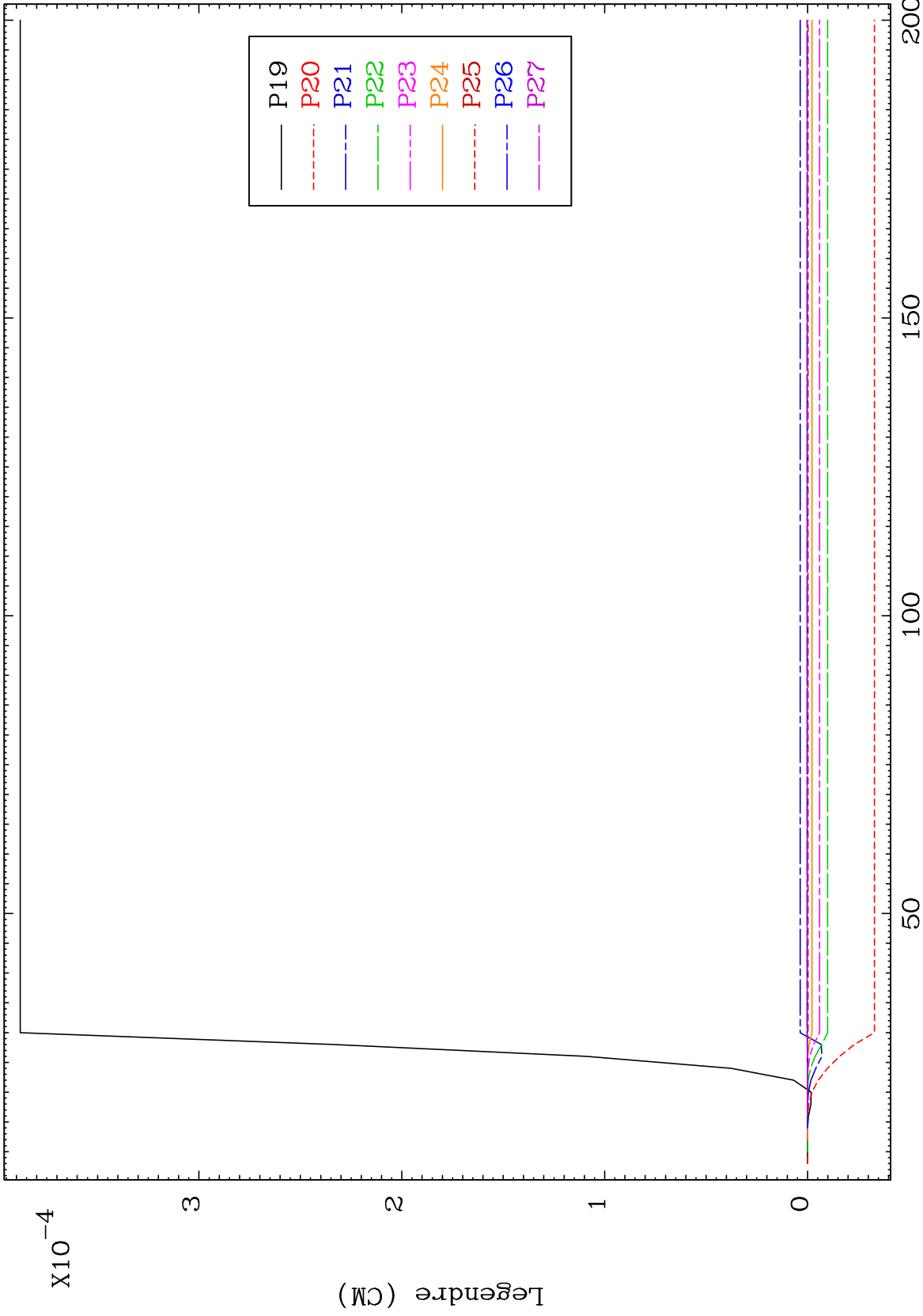
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



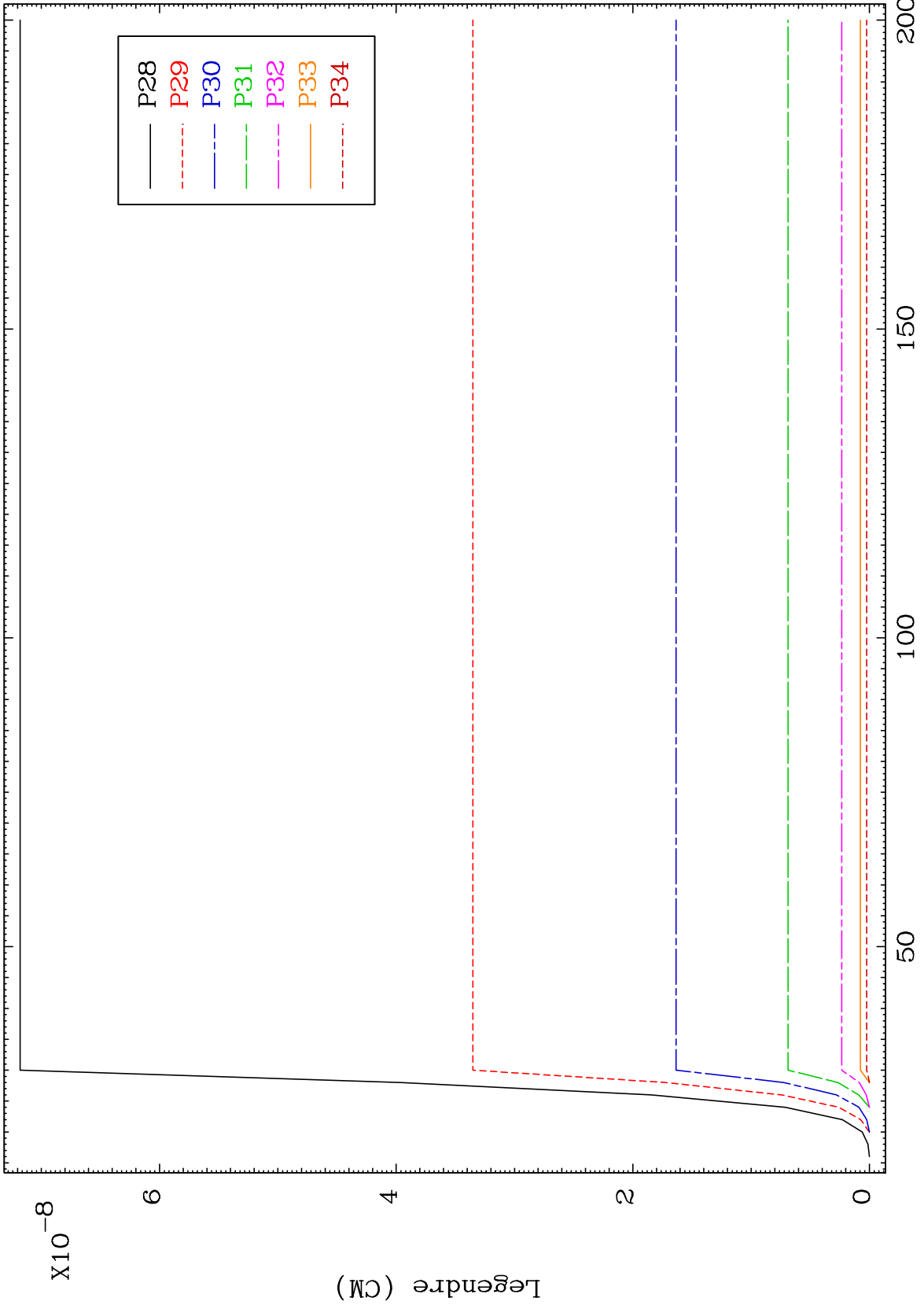
98

72-Hf-177

MAT 7234

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

72-Hf-177



99

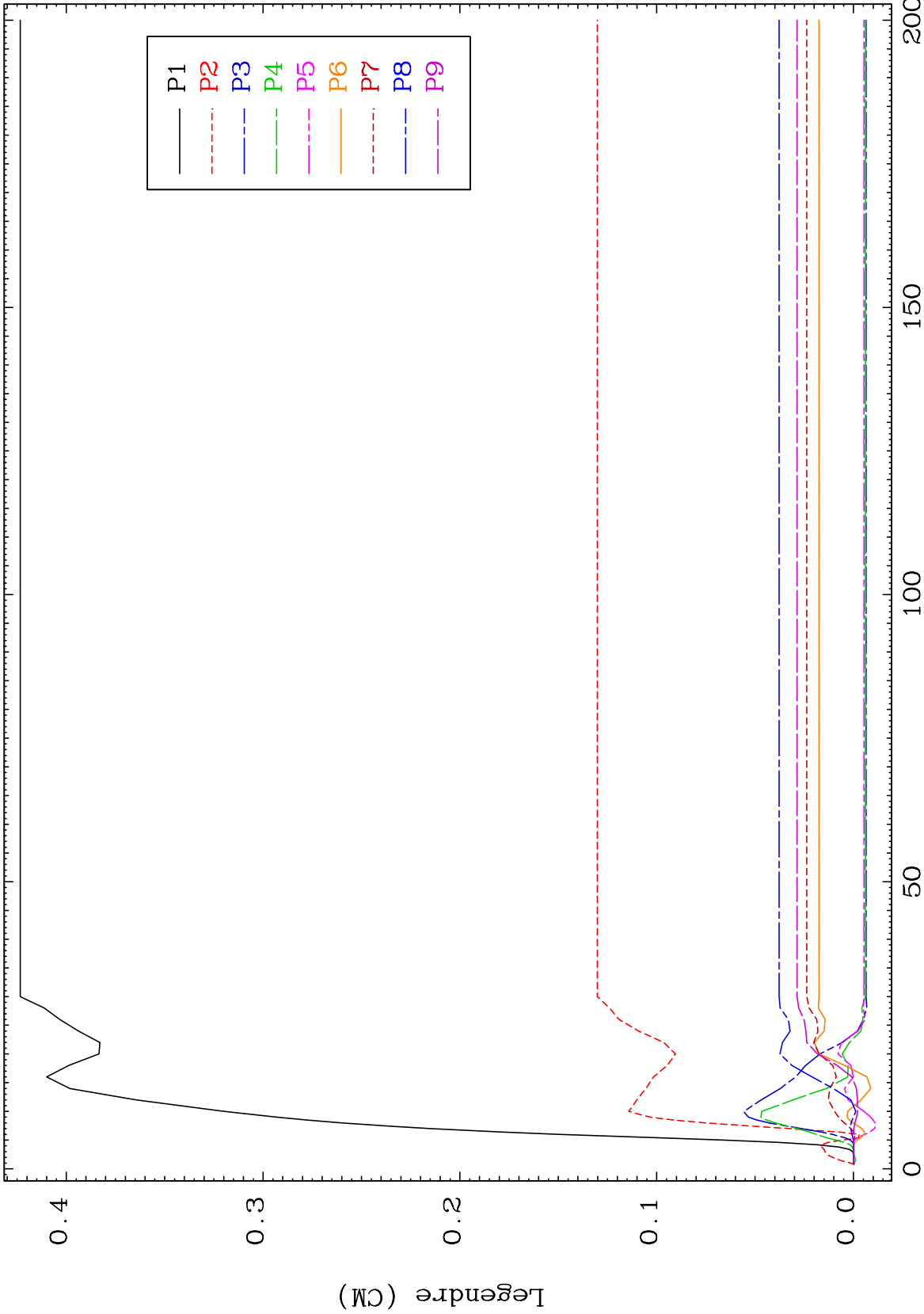
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



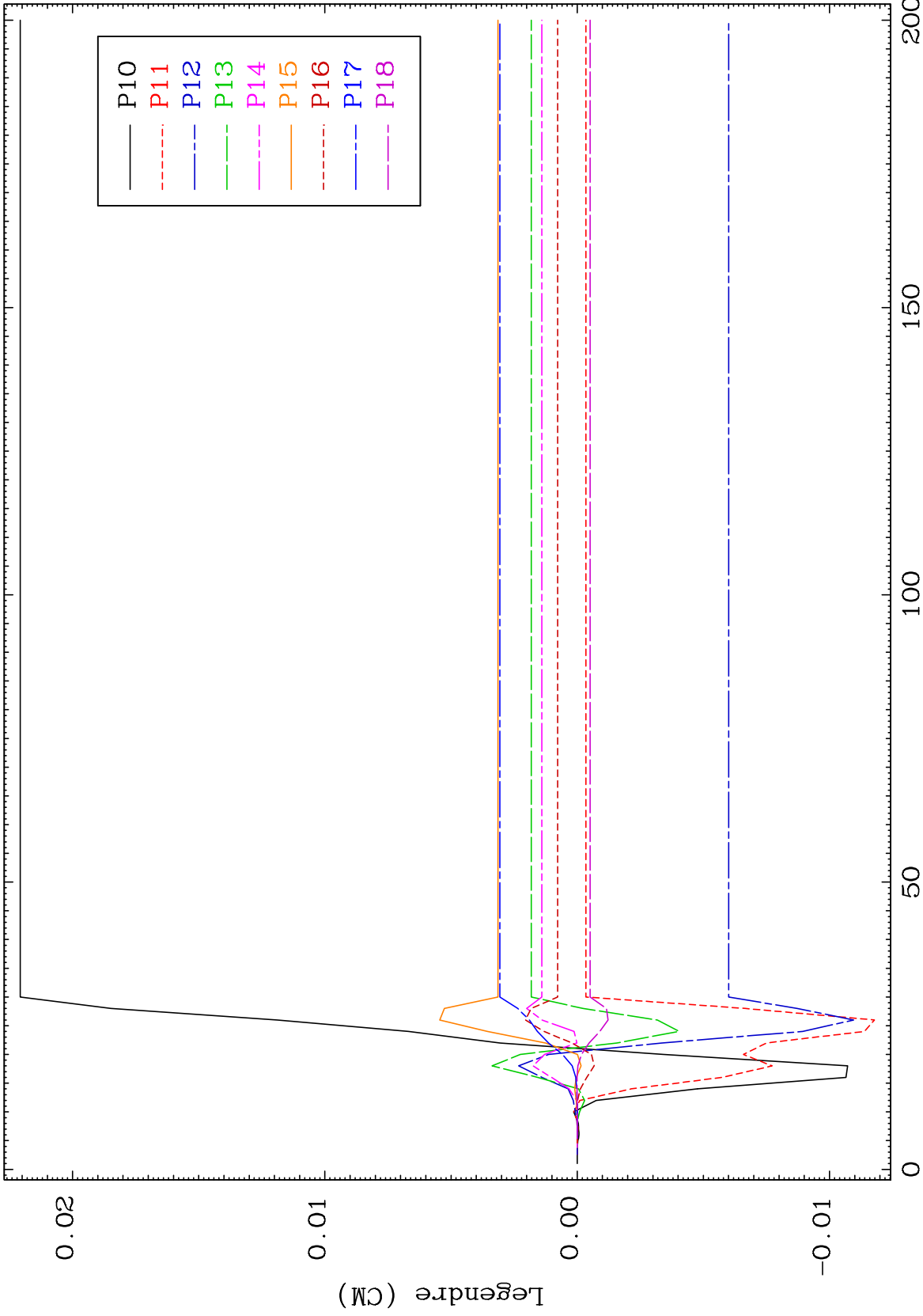
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



101

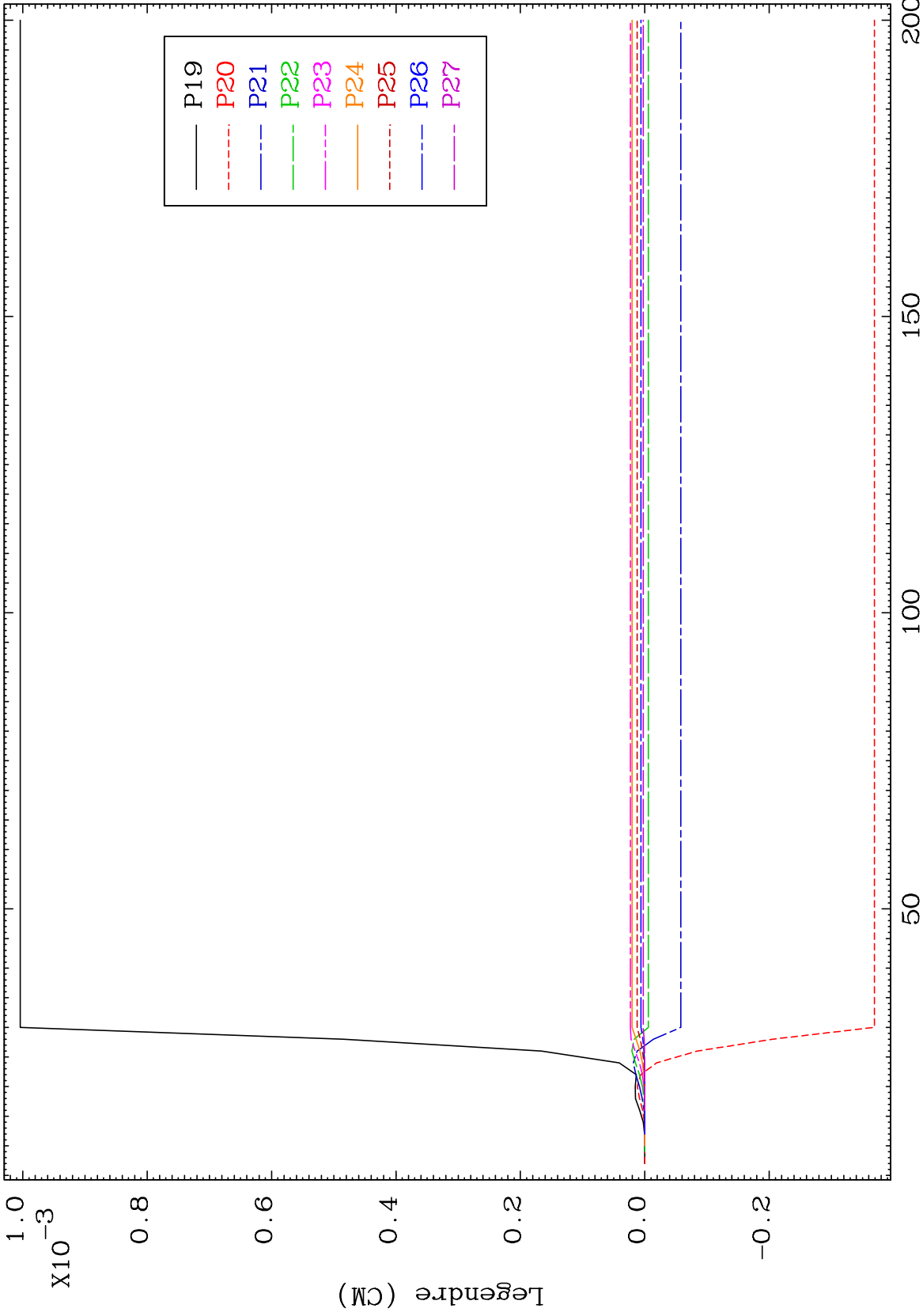
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



102

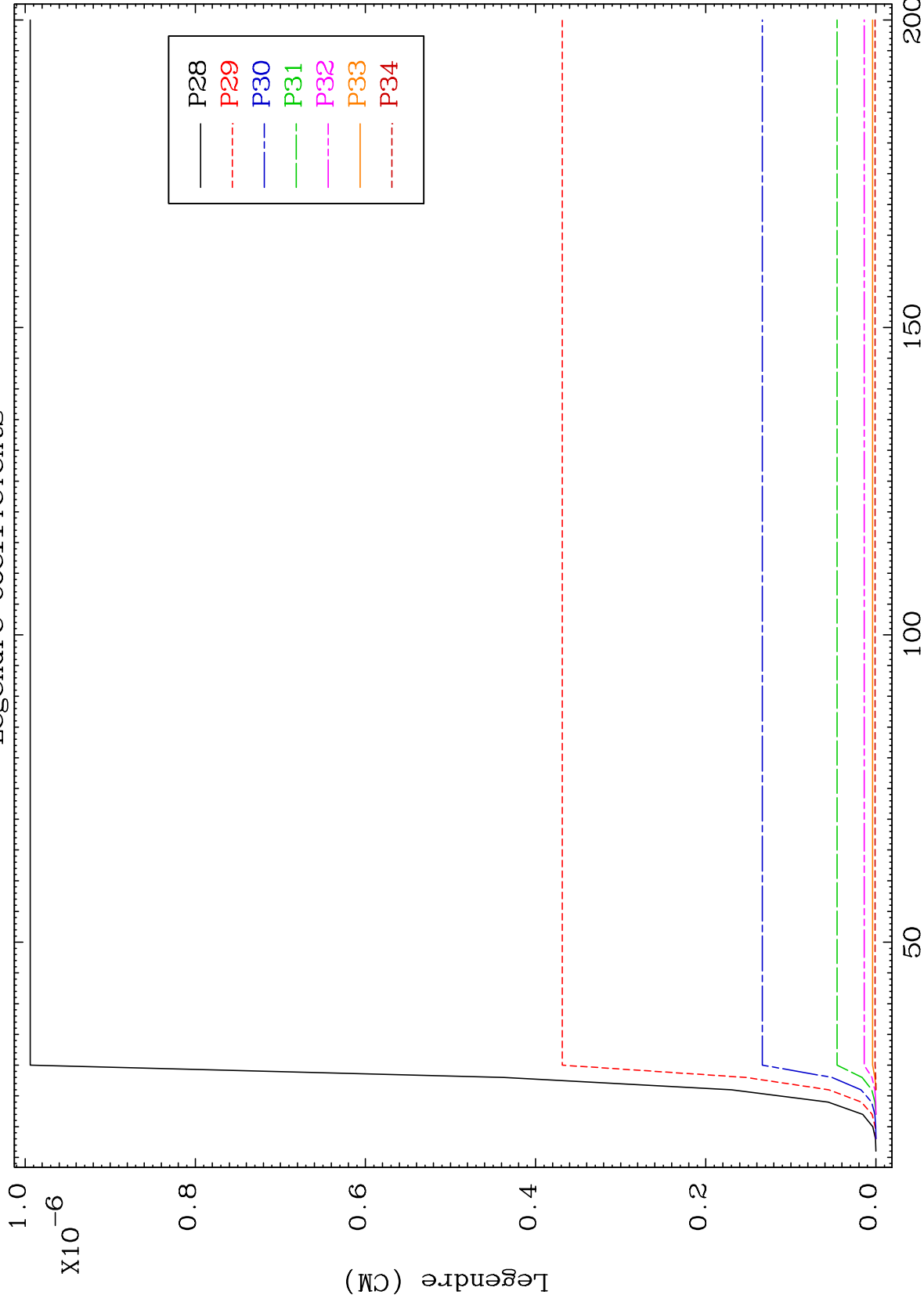
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



103

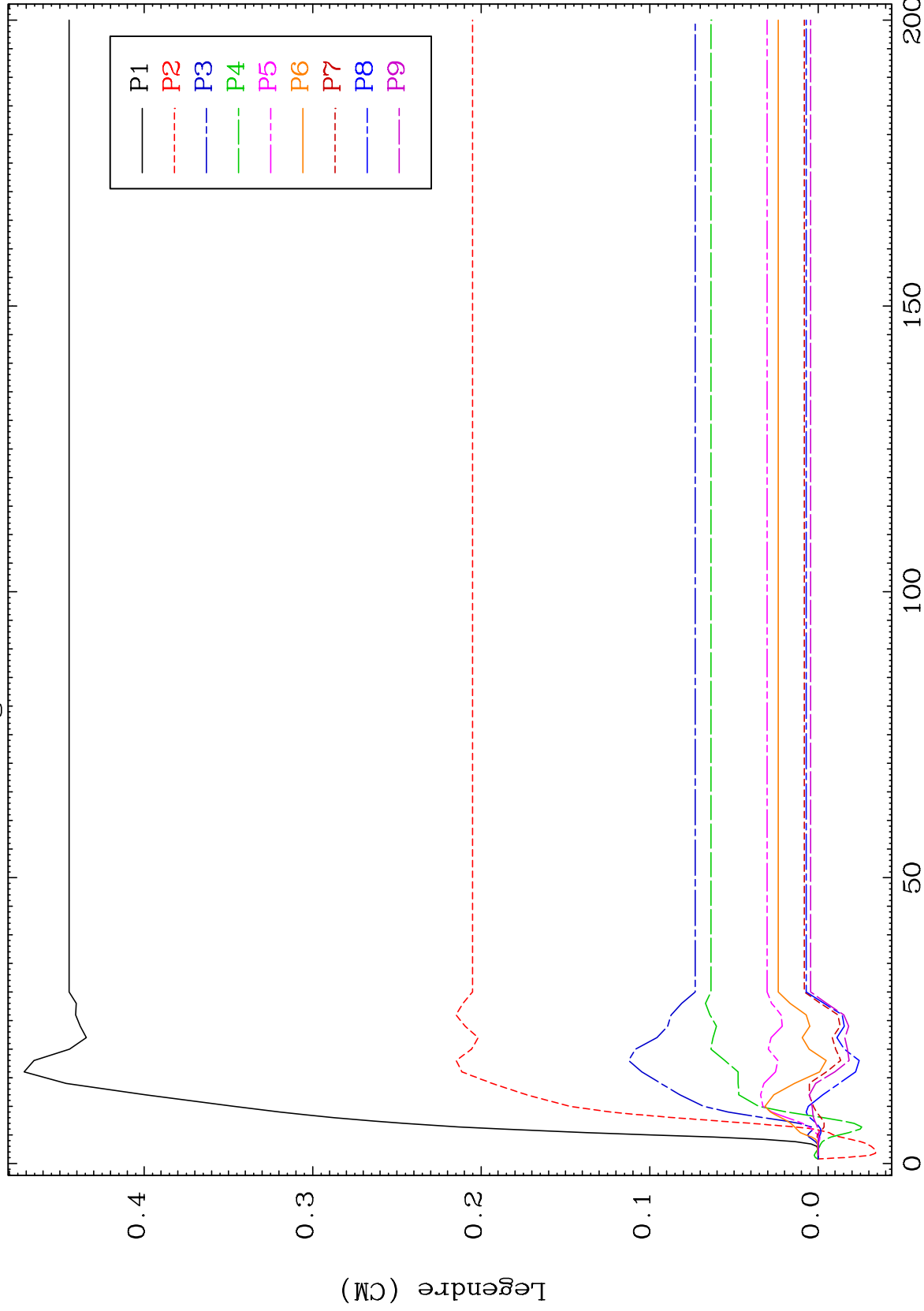
72-Hf-177



MAT 7234

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

72-Hf-177



104

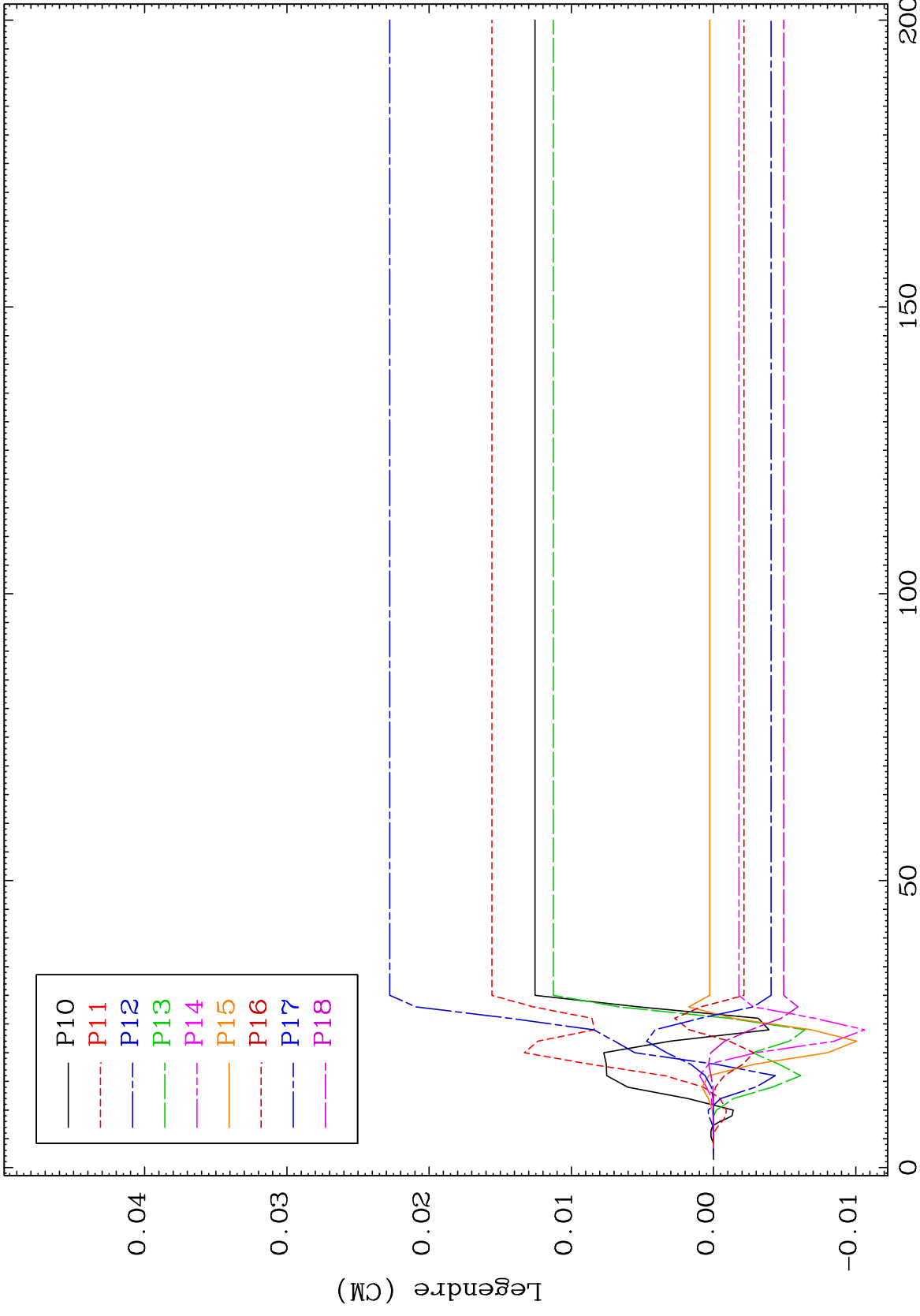
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



72-Hf-177

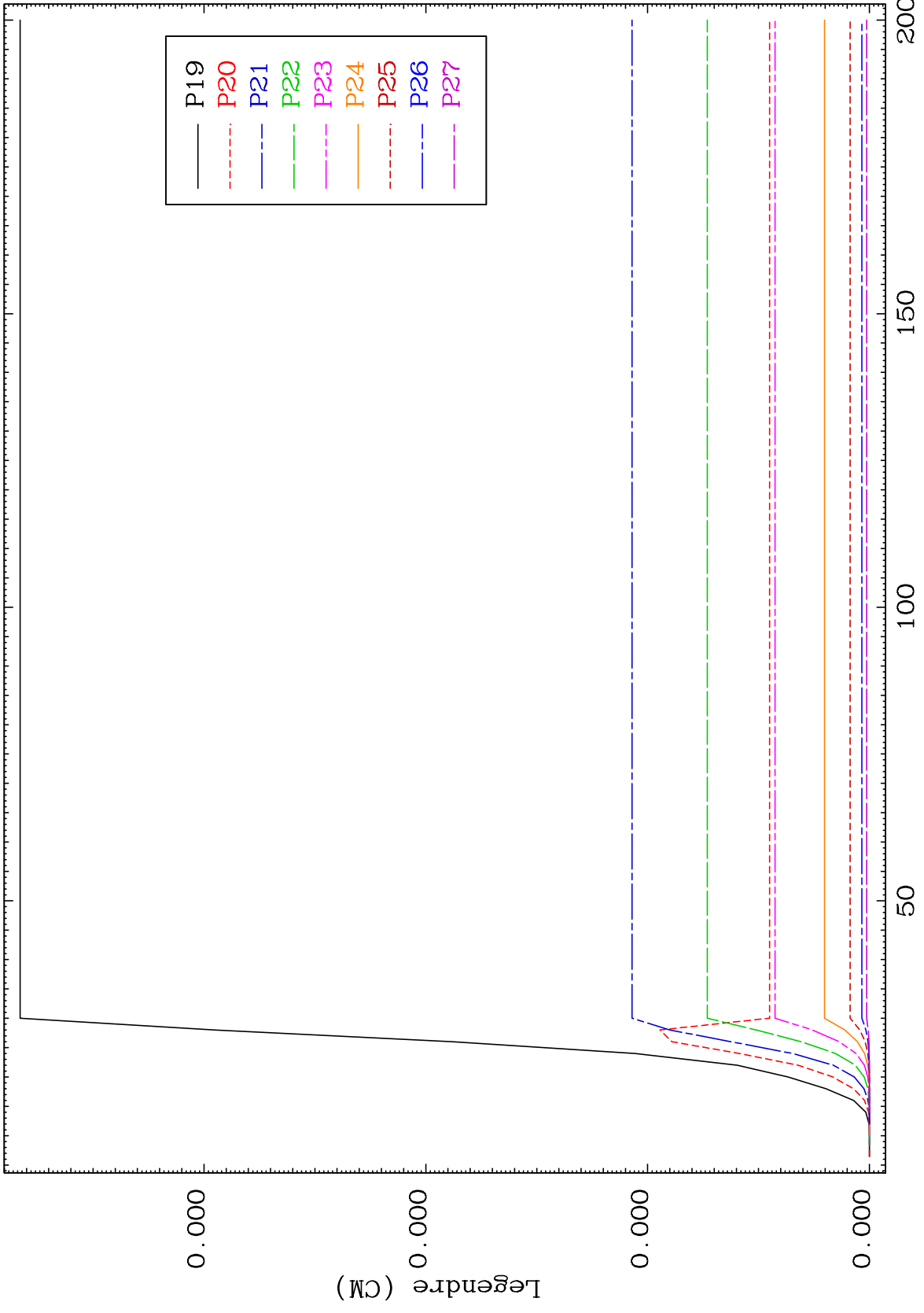
Incident Energy (MeV)

105

MAT 7234

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

72-Hf-177



106

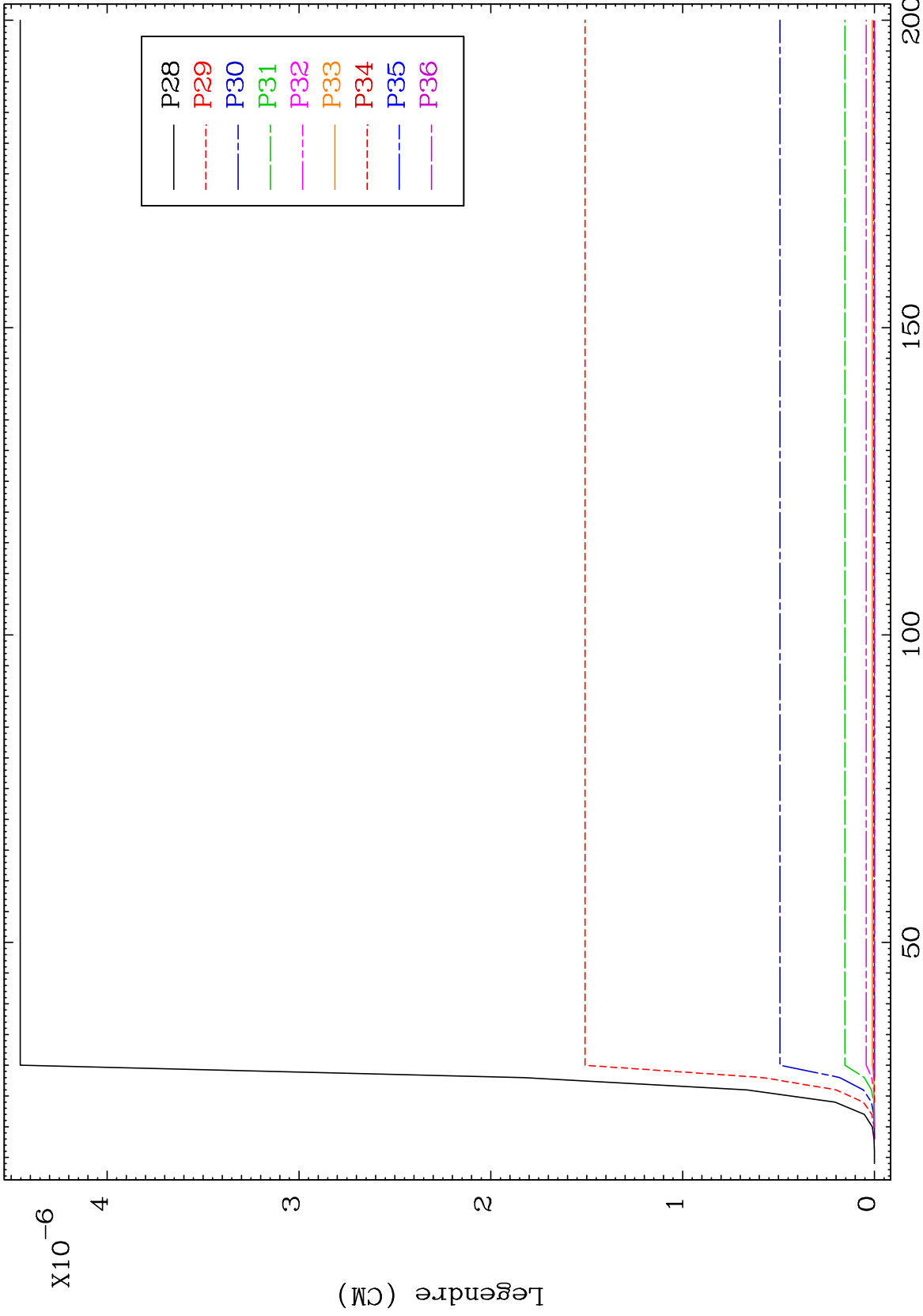
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



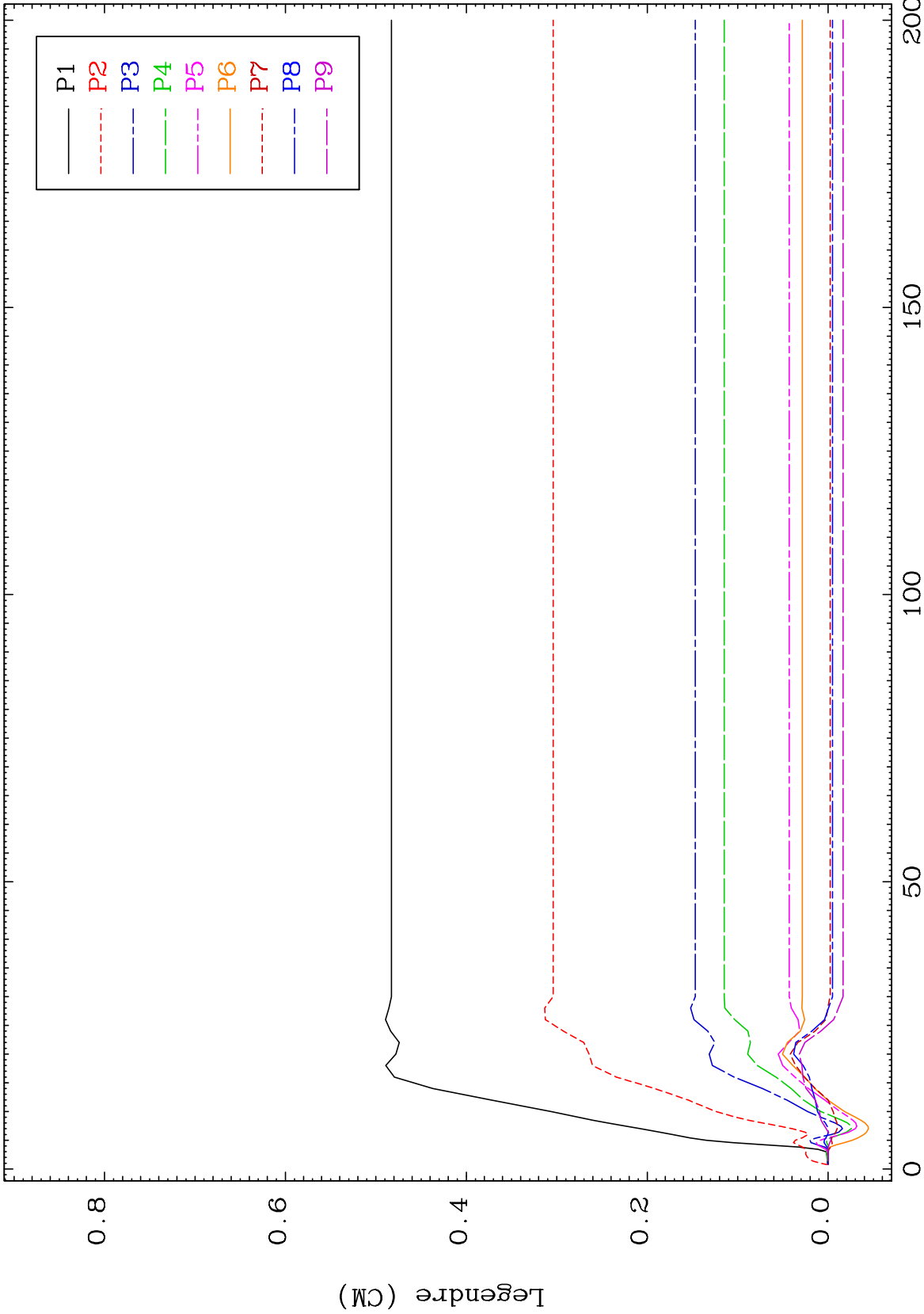
107

72-Hf-177

MAT 7234

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

72-Hf-177



108

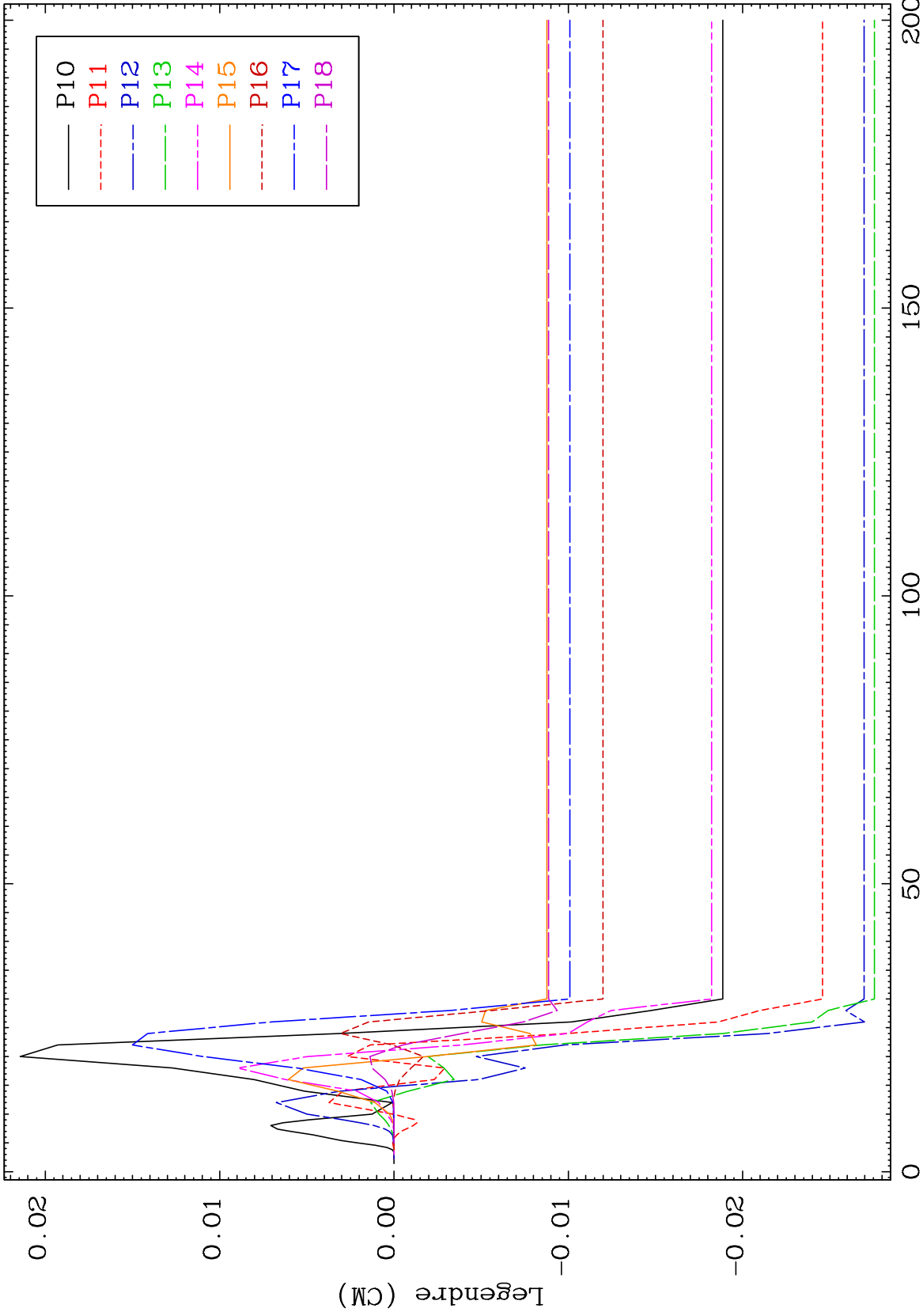
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



109

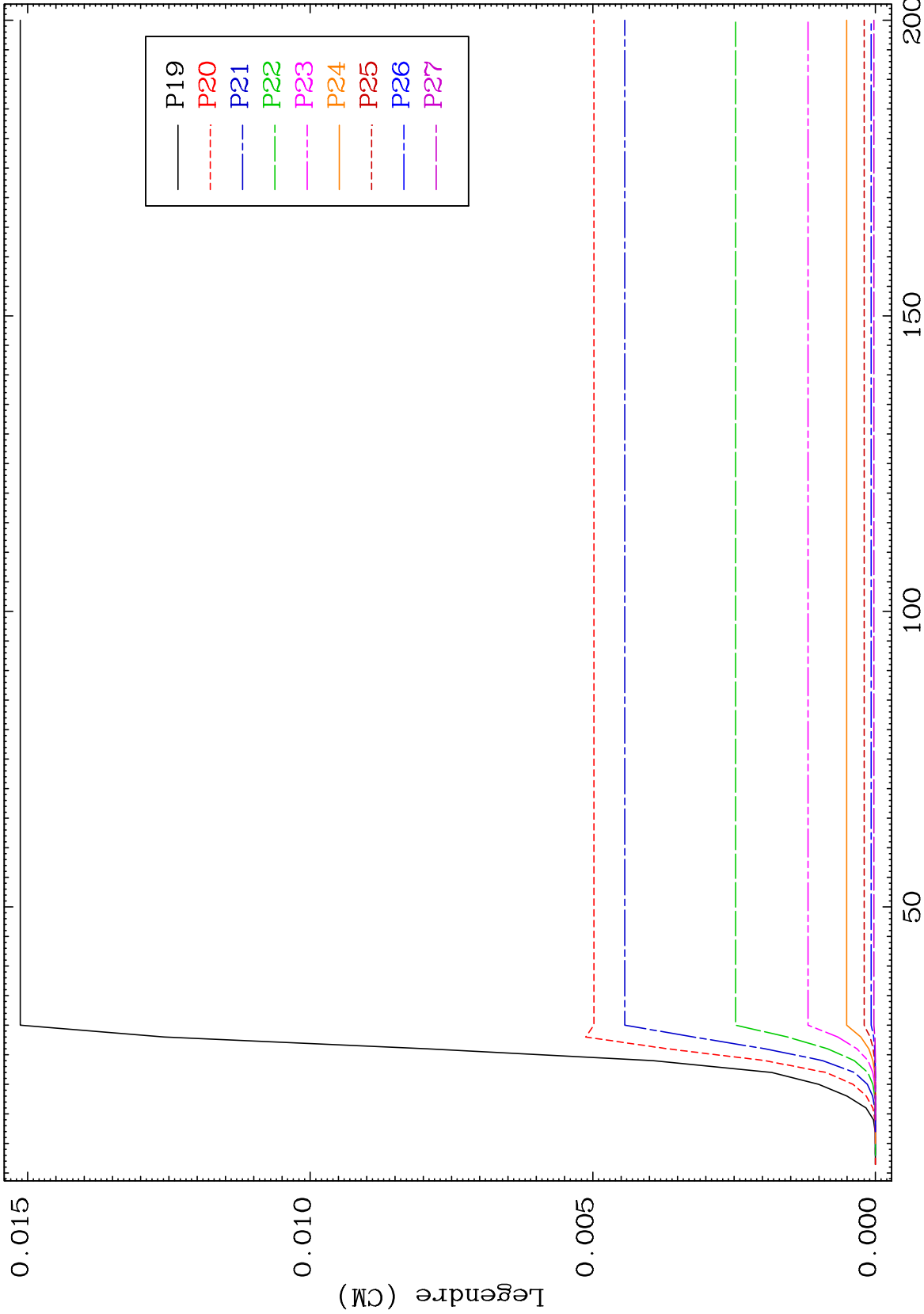
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



110

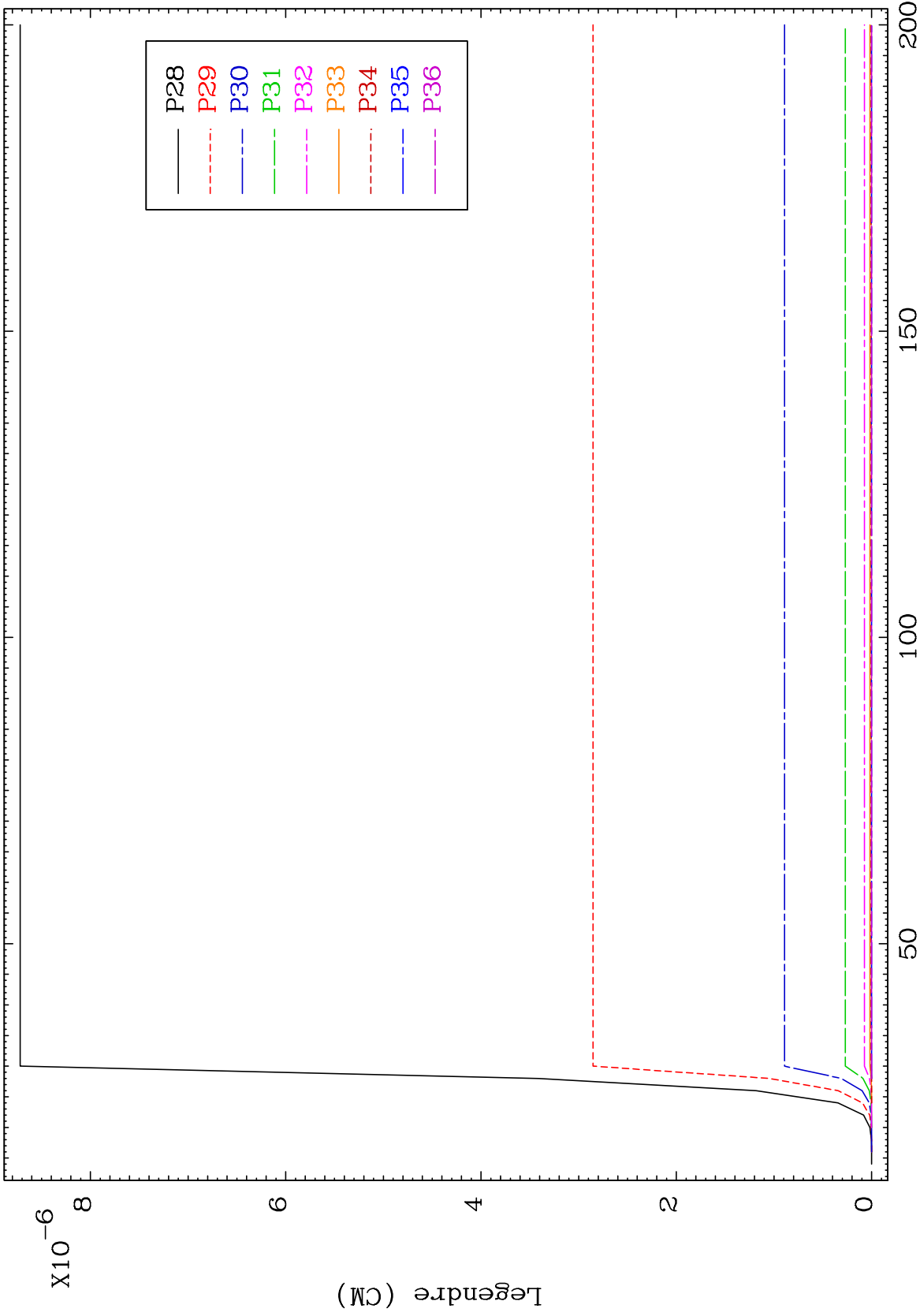
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



111

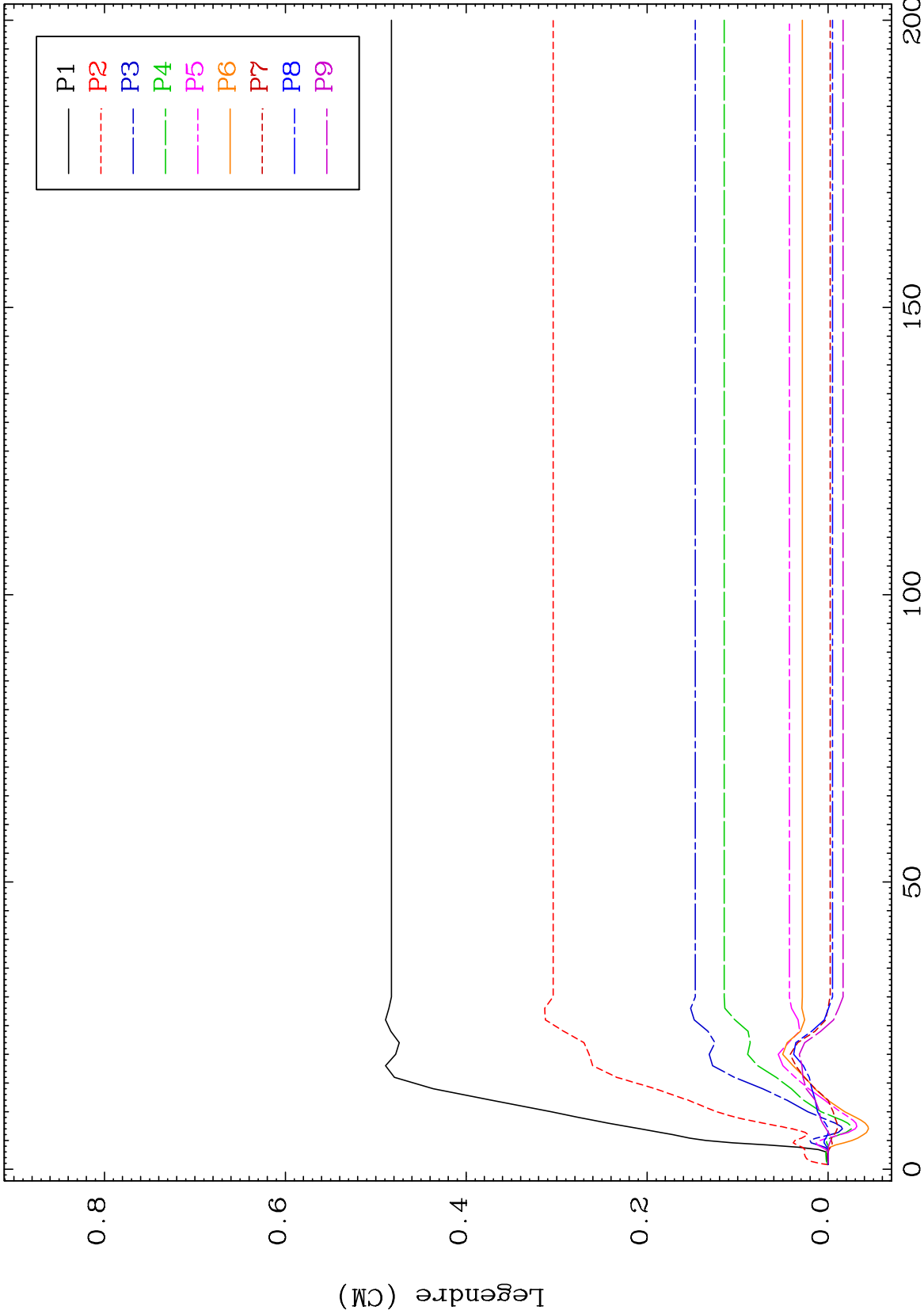
72-Hf-177



MAT 7234

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

72-Hf-177



112

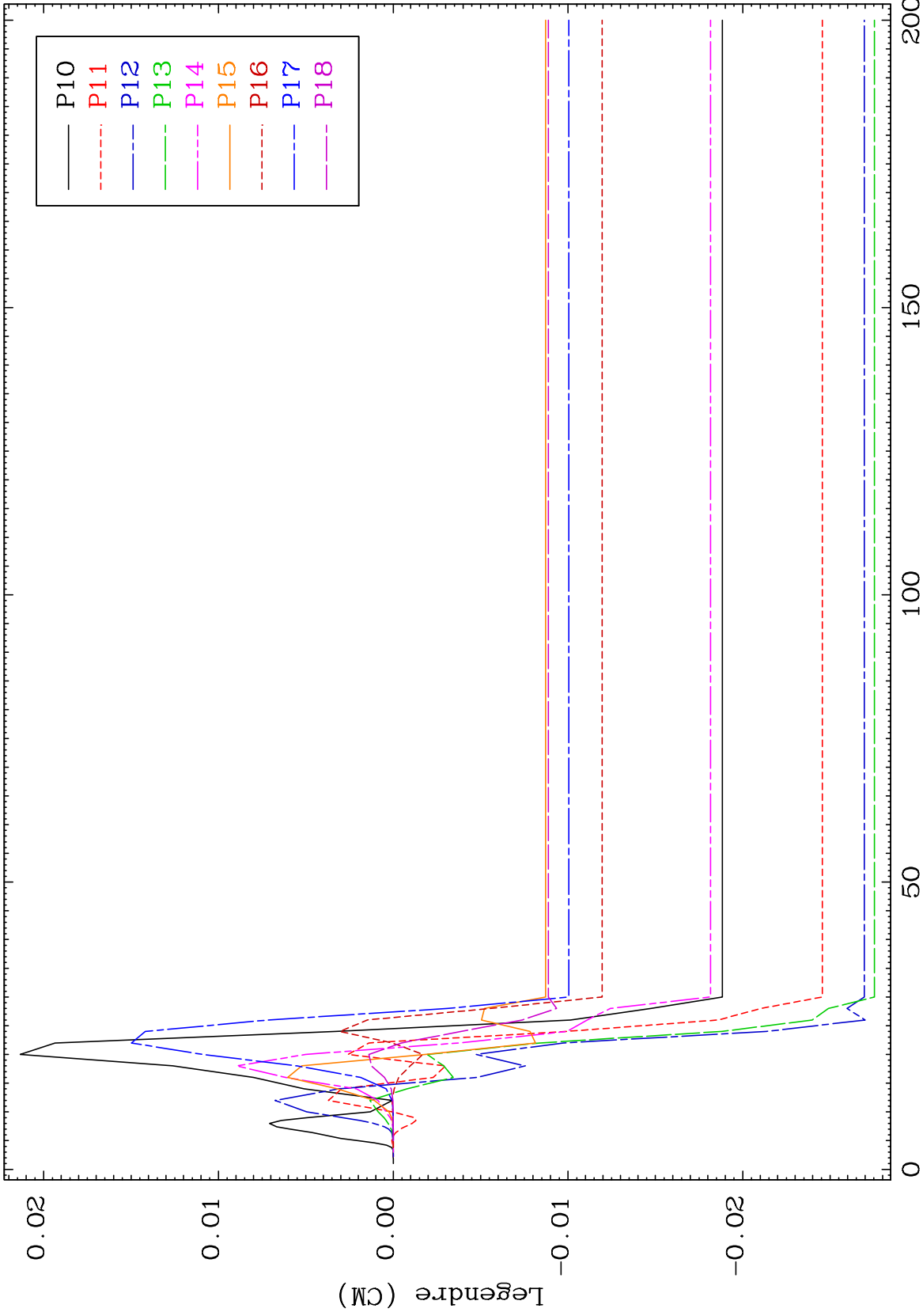
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



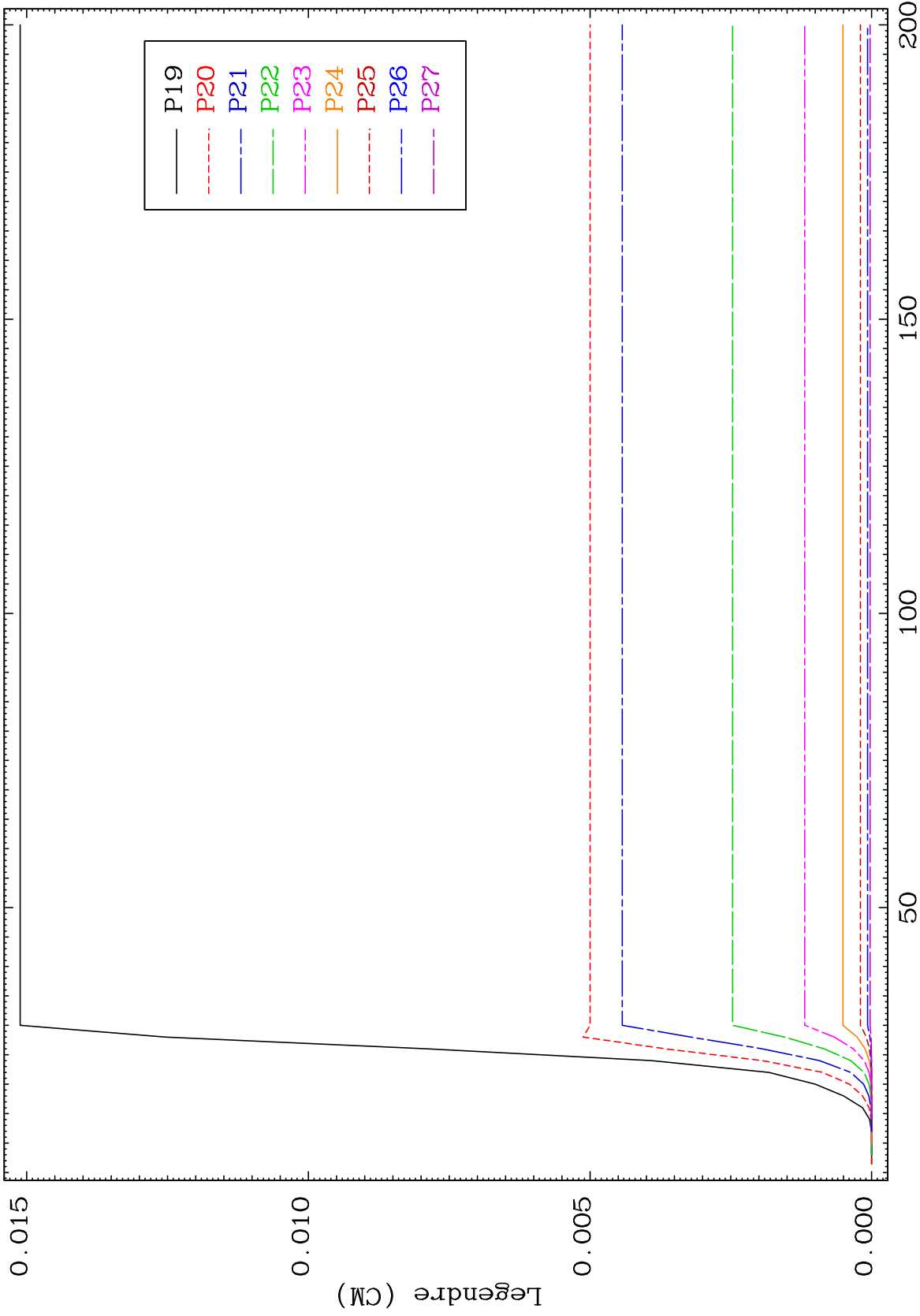
113

72-Hf-177

MAT 7234

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

72-Hf-177



114

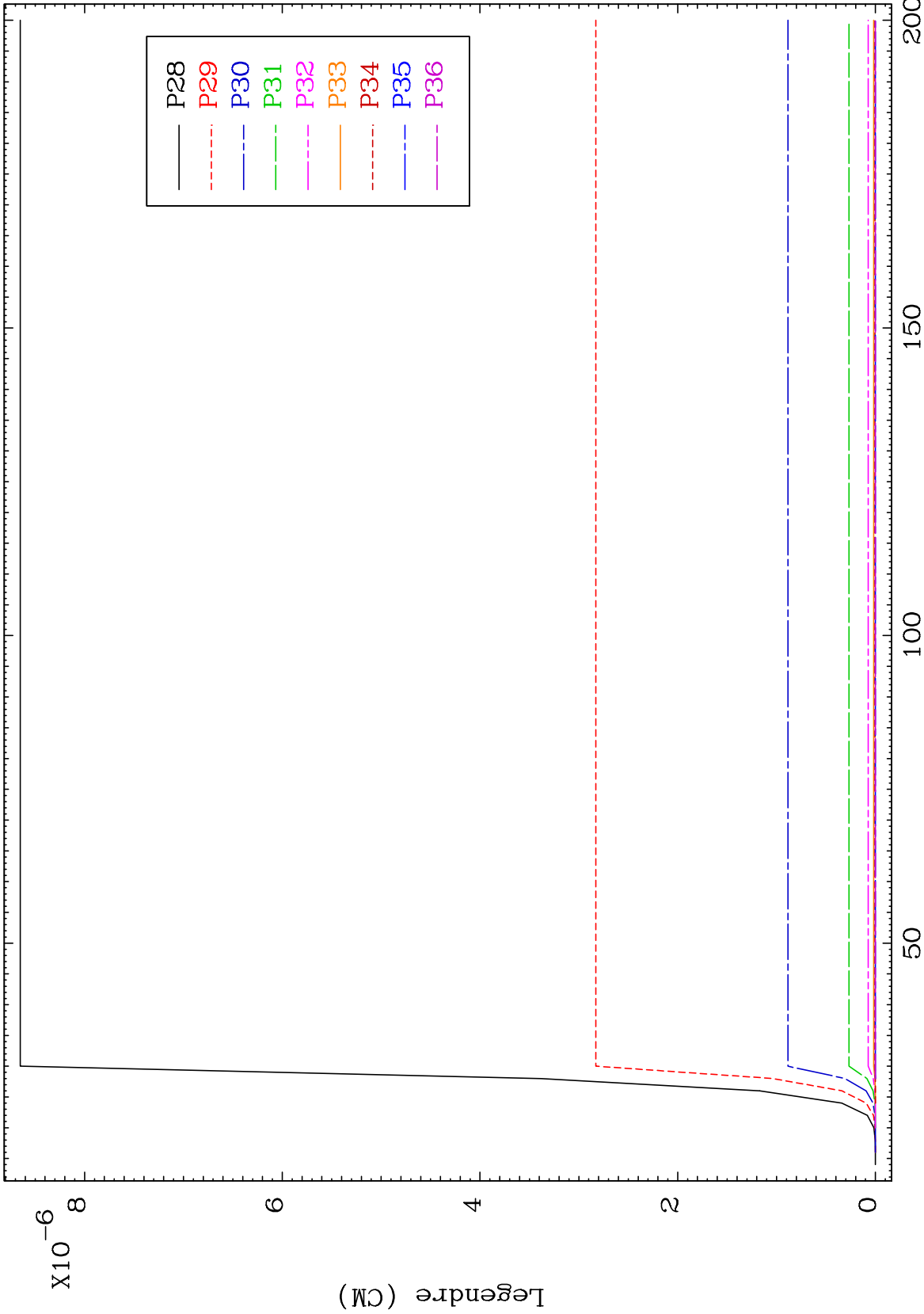
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



115

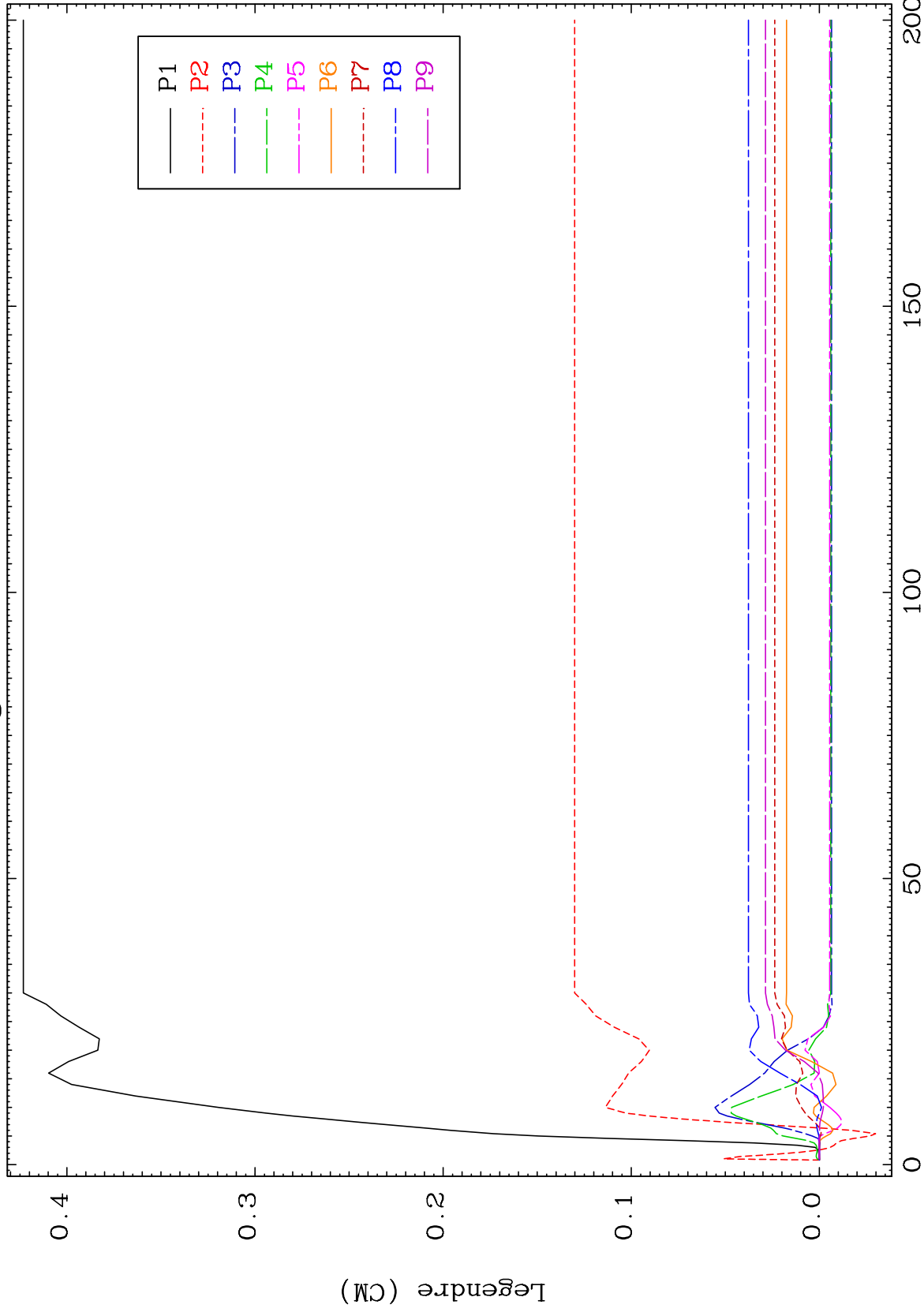
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



116

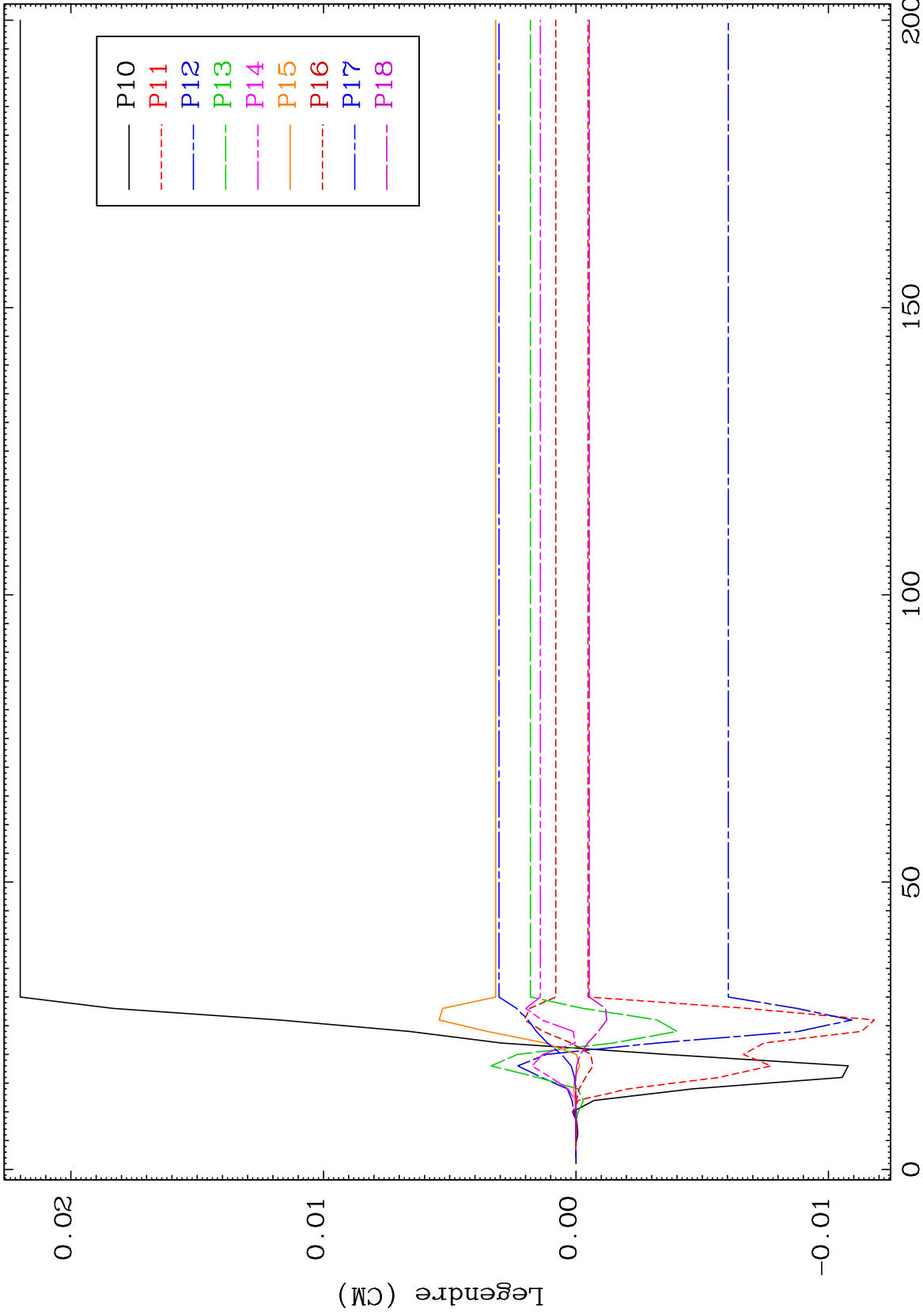
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



117

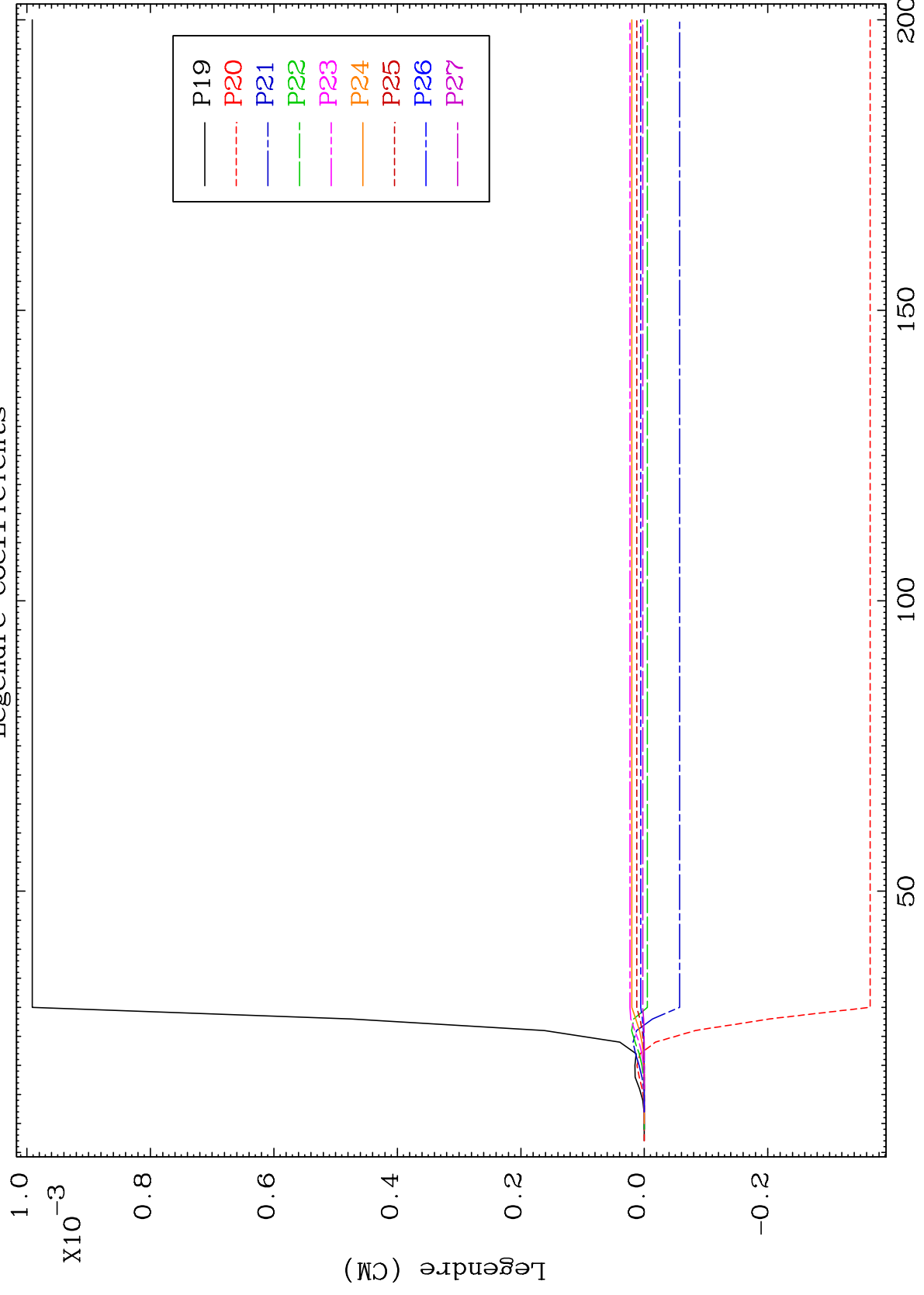
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



118

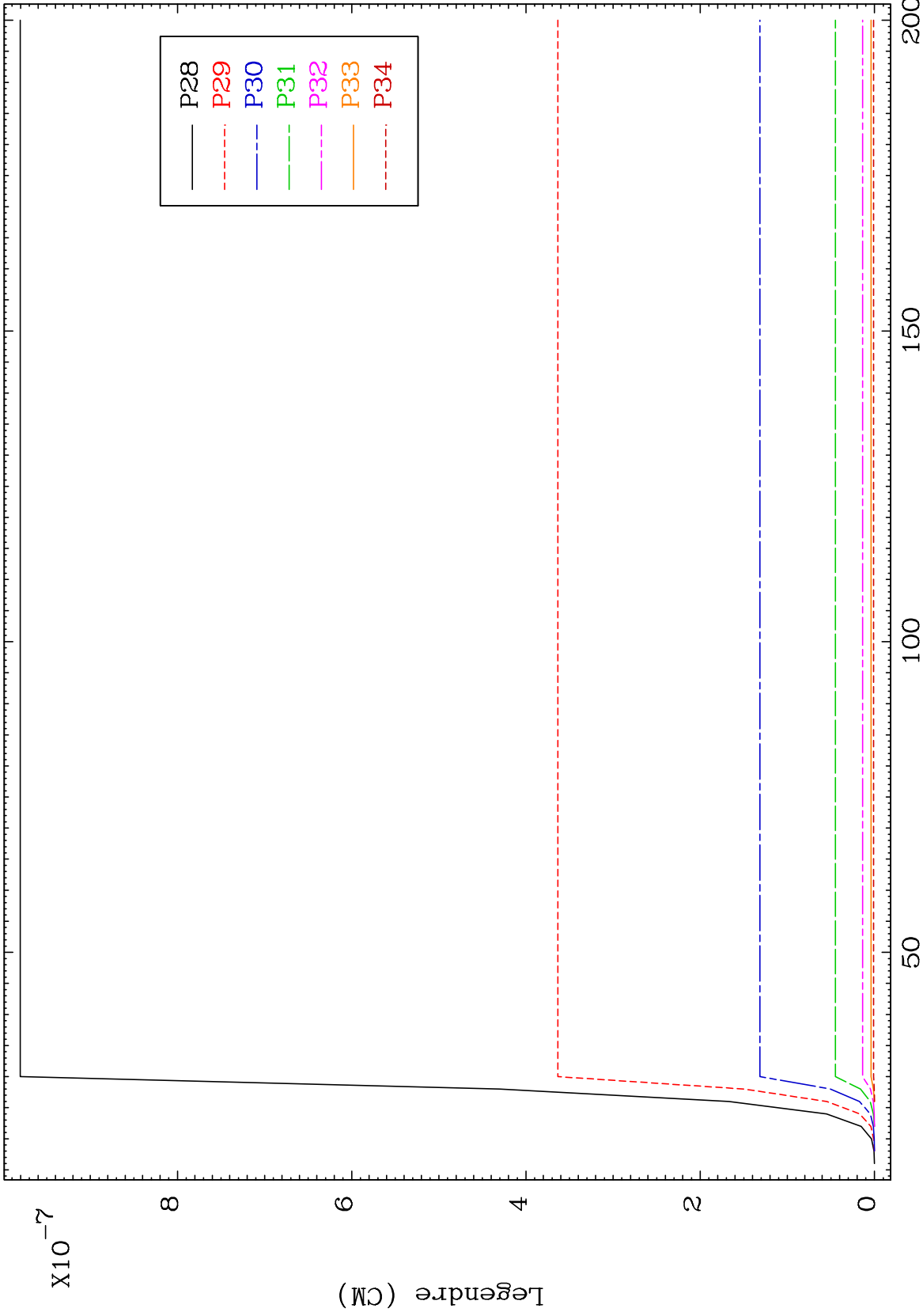
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



119

Incident Energy (MeV)

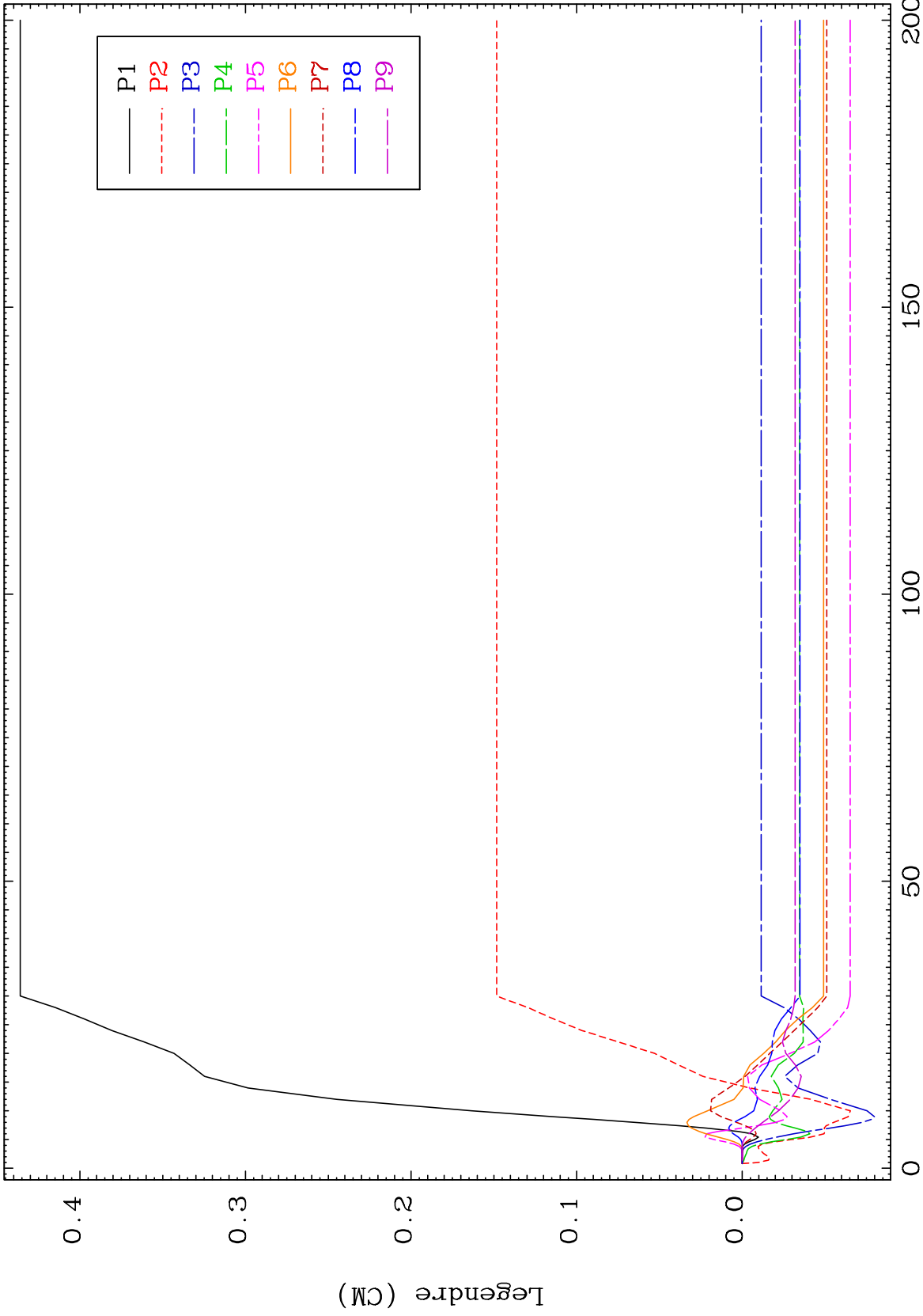
72-Hf-177



MAT 7234

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

72-Hf-177



72-Hf-177

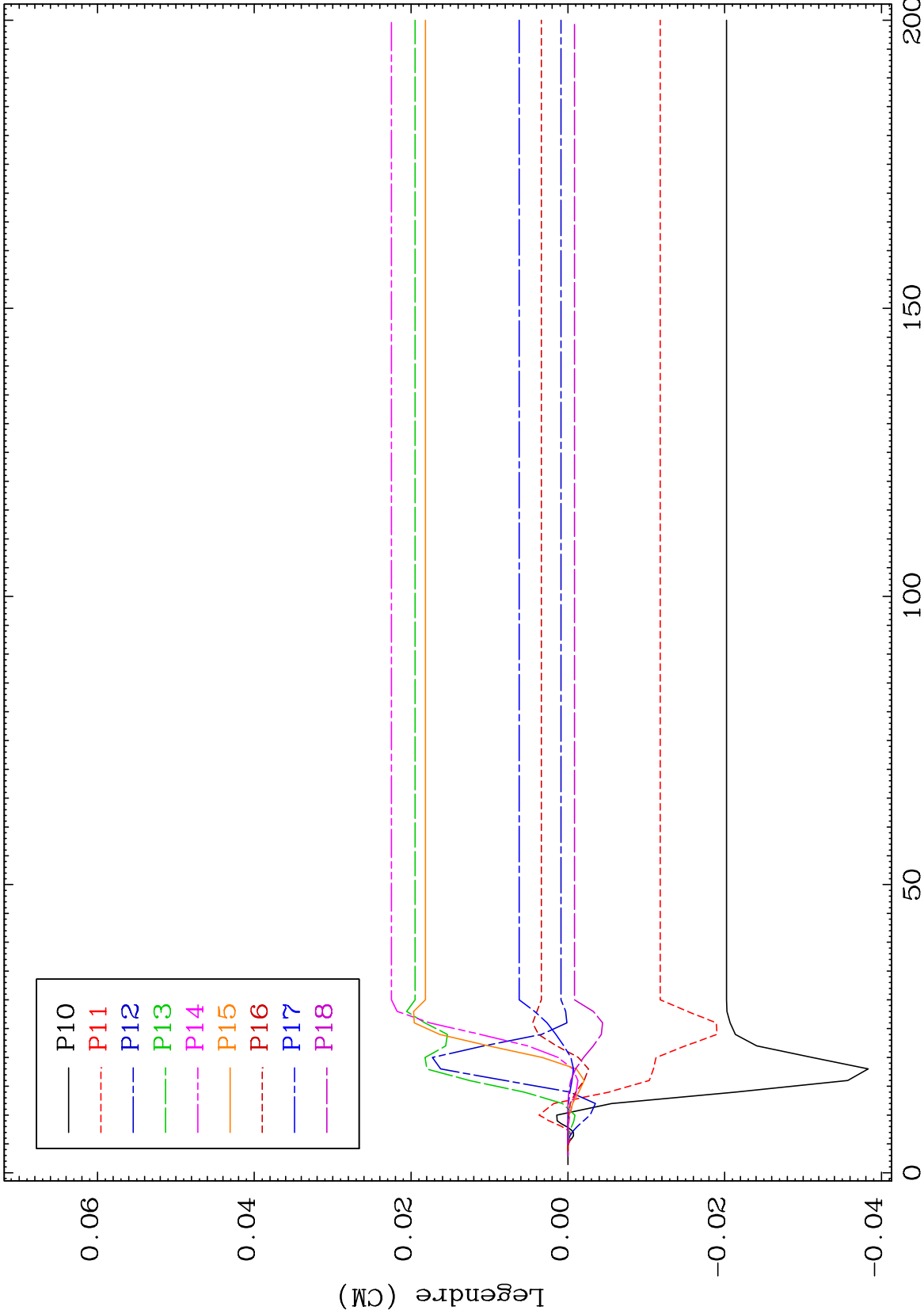
Incident Energy (MeV)

Legendre (CM)

MAT 7234

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

72-Hf-177



121

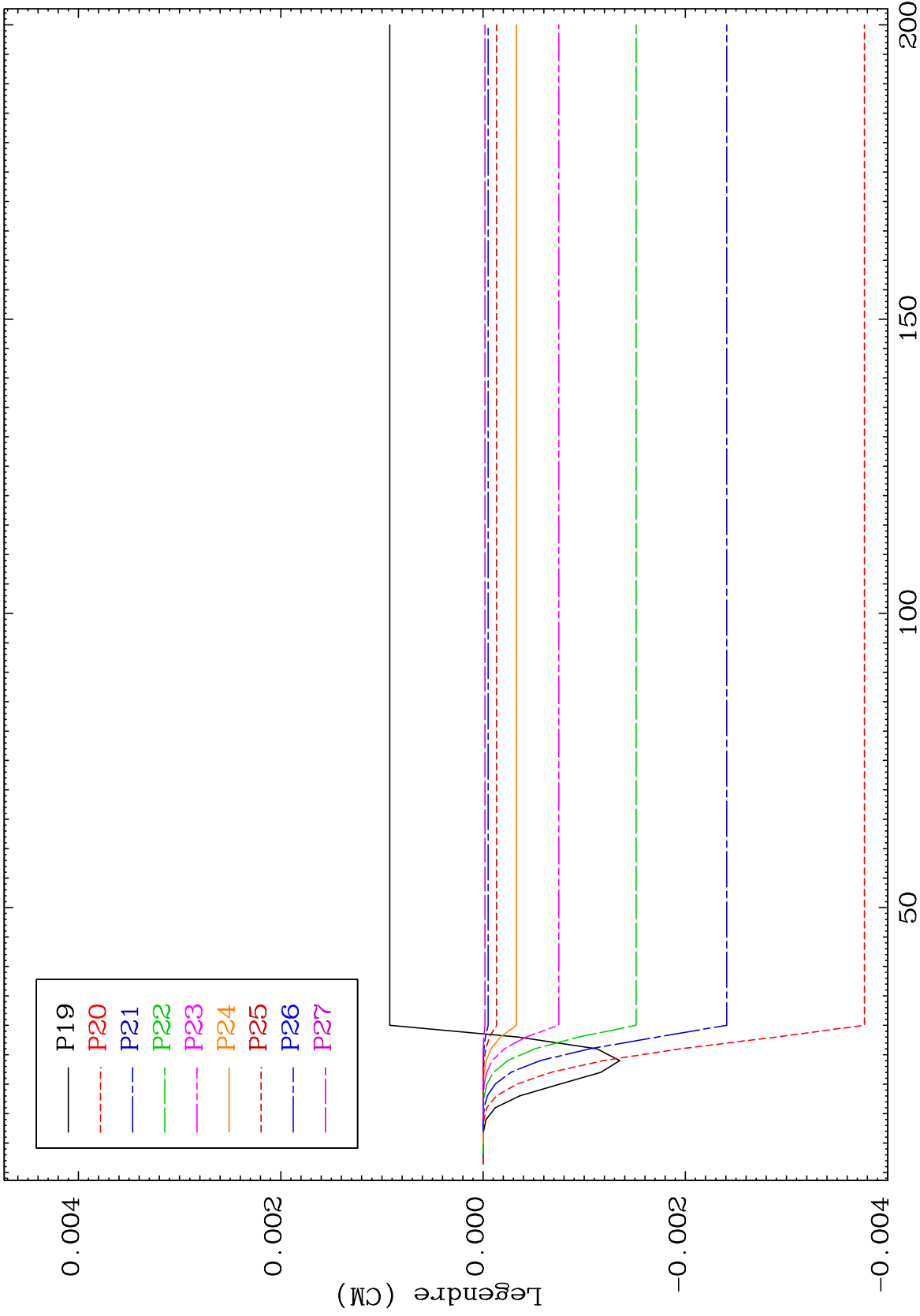
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



122

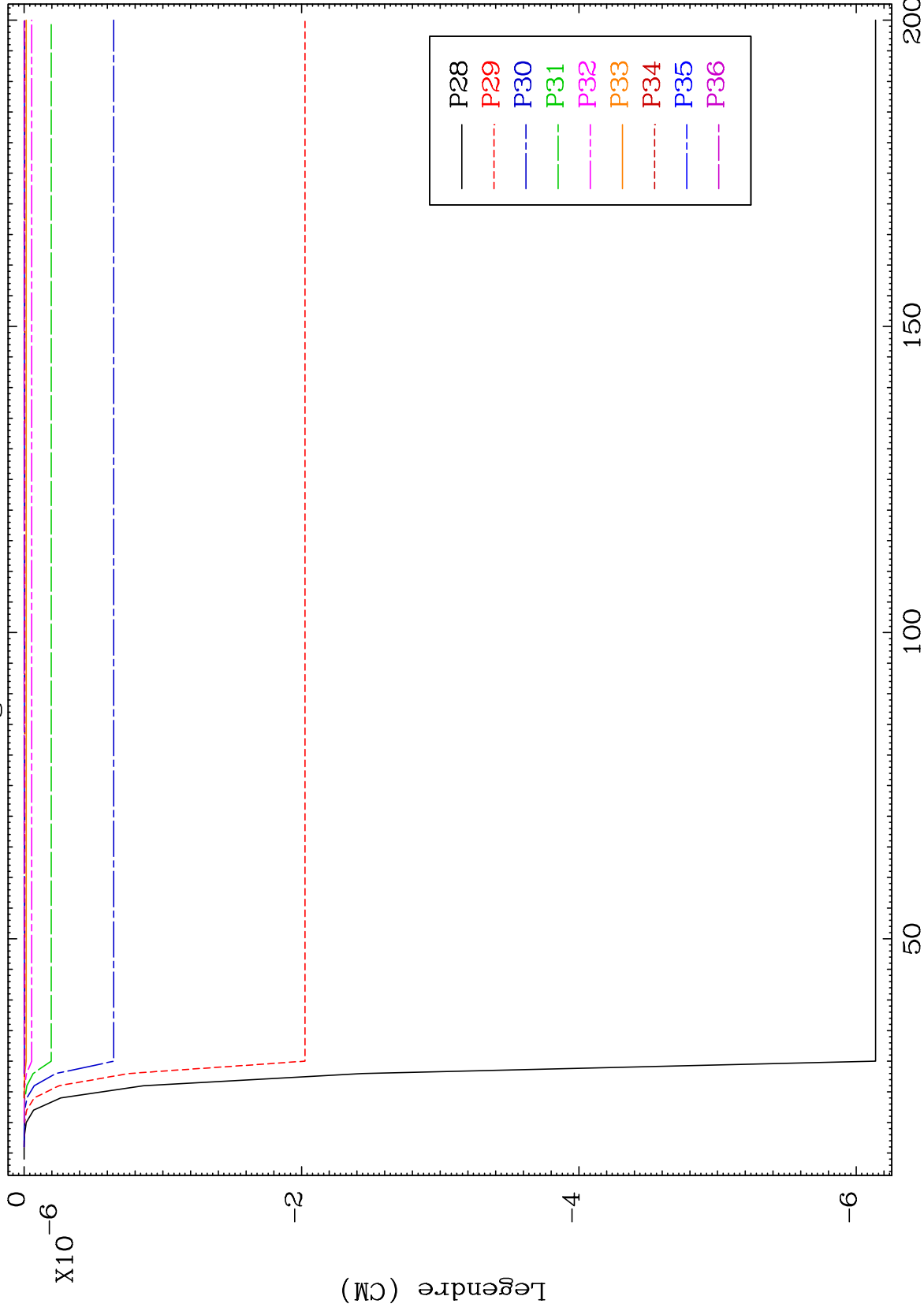
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



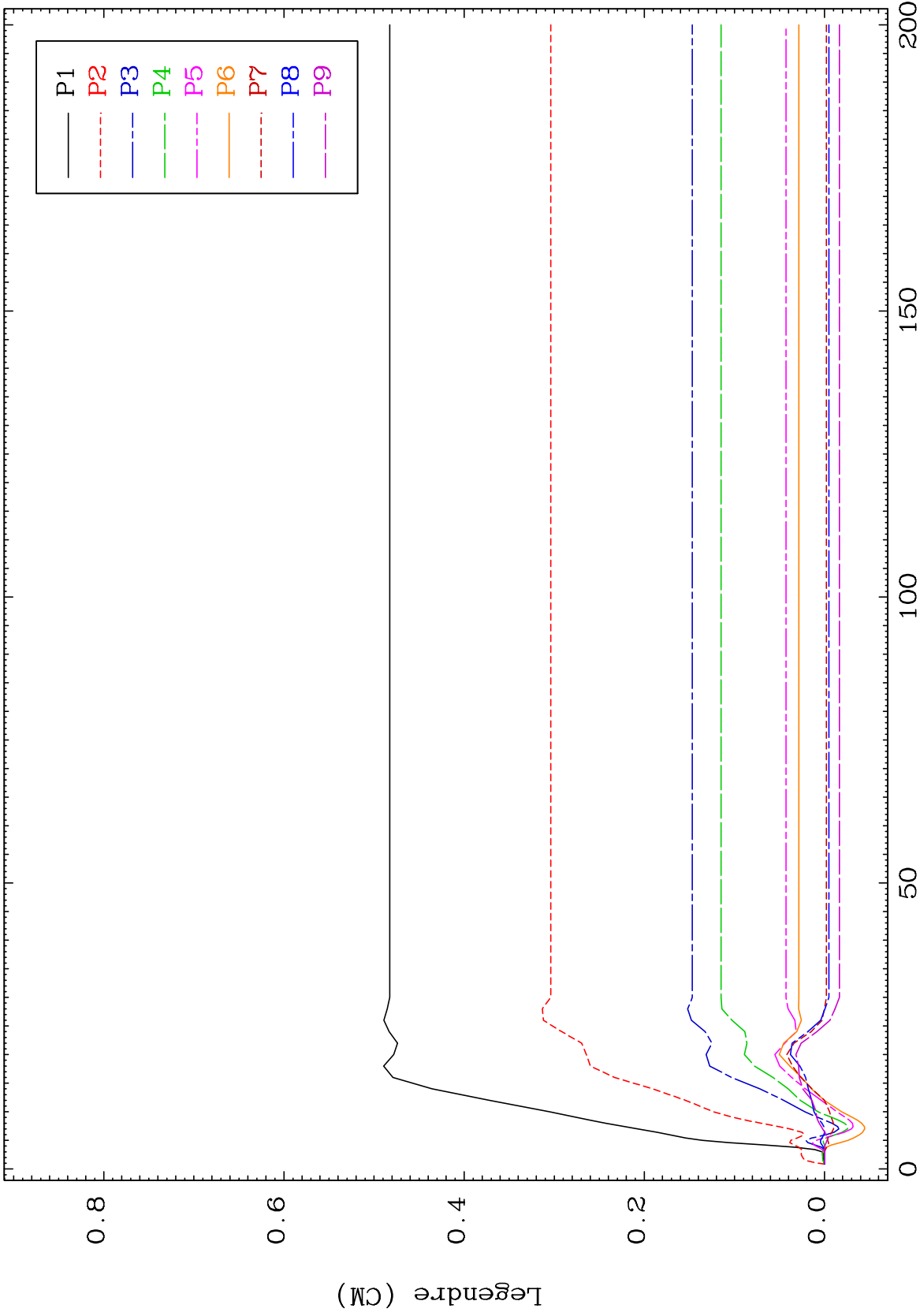
123

72-Hf-177

MAT 7234

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

72-Hf-177



72-Hf-177

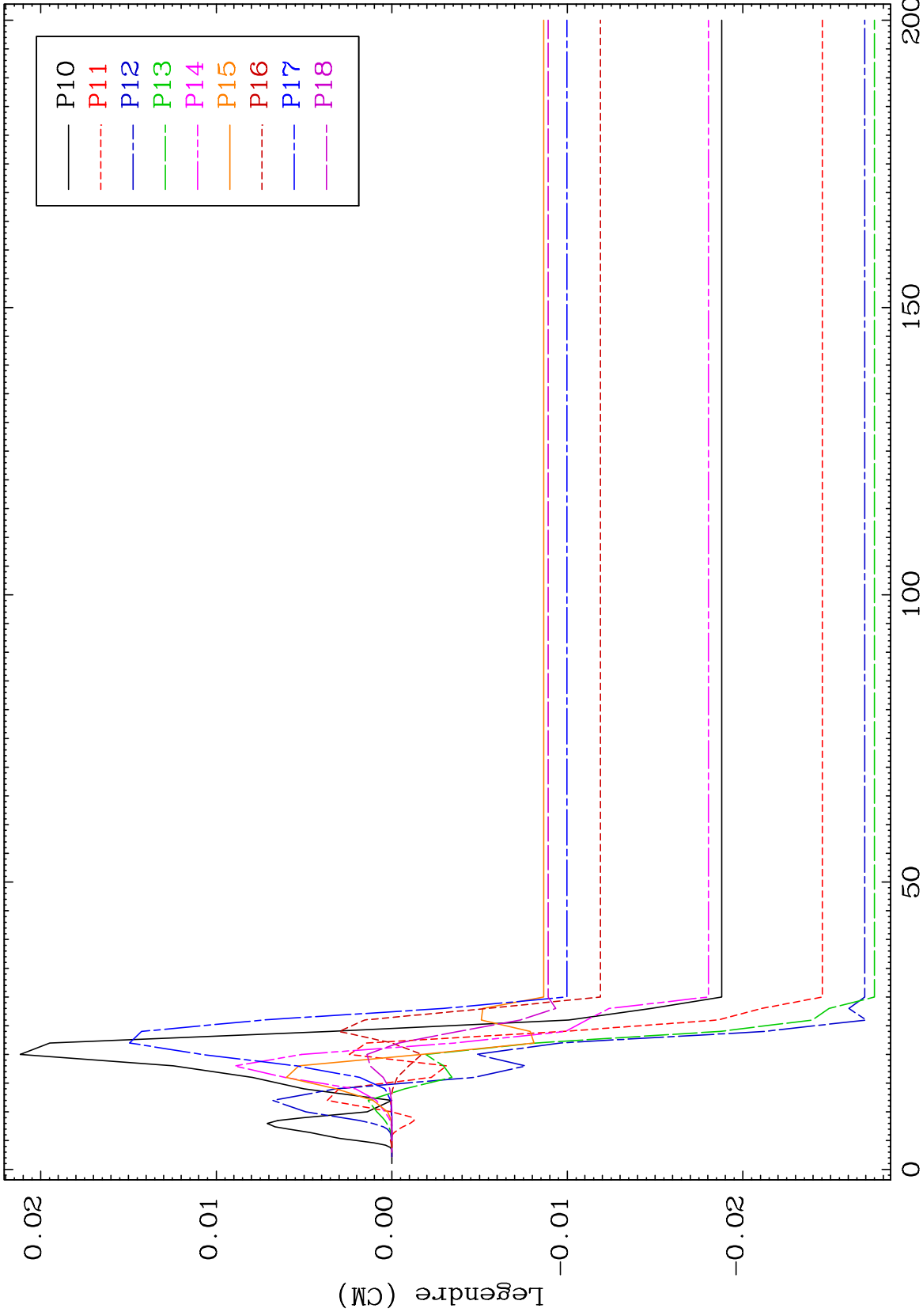
Incident Energy (MeV)

124

MAT 7234

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

72-Hf-177



125

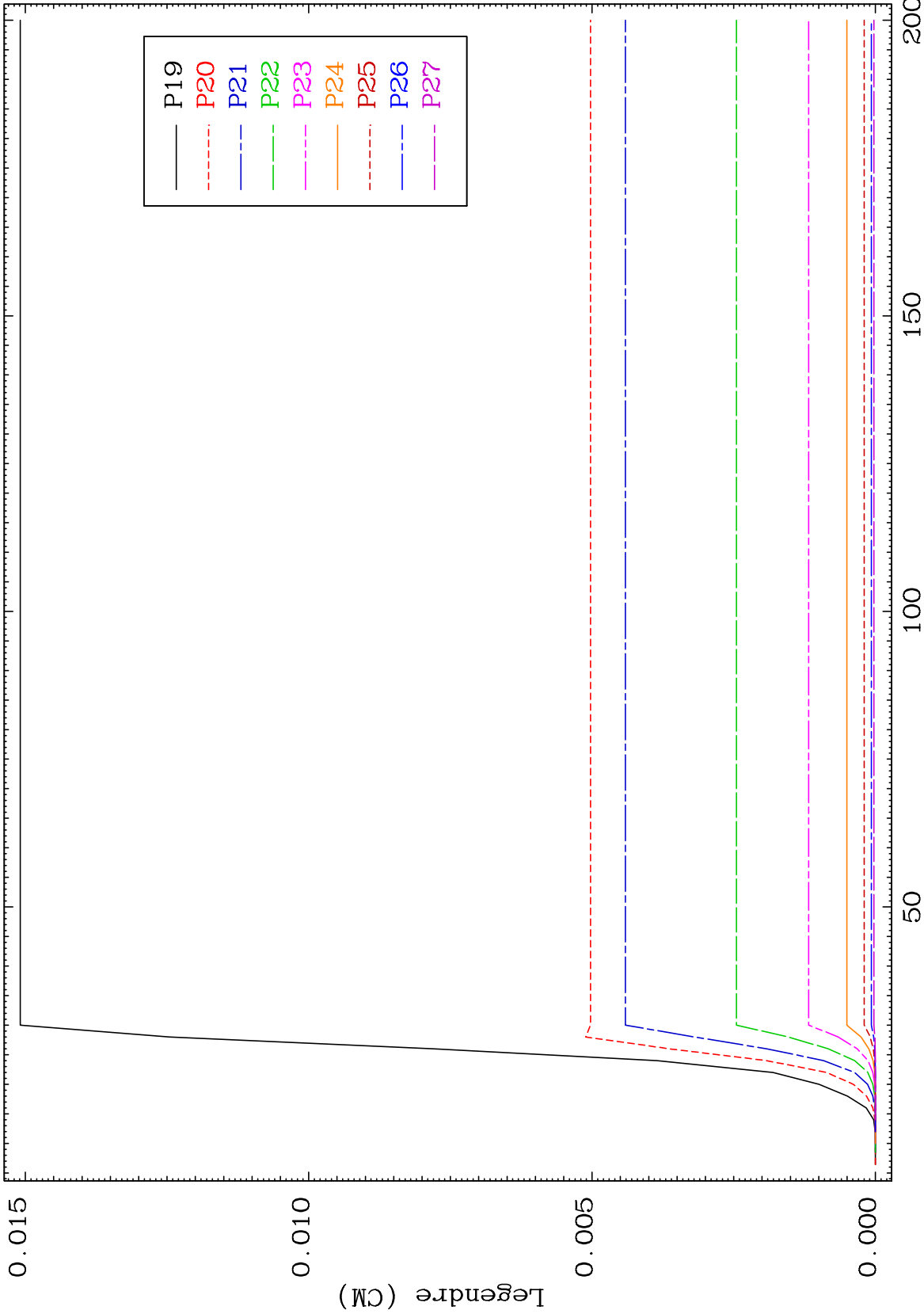
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



126

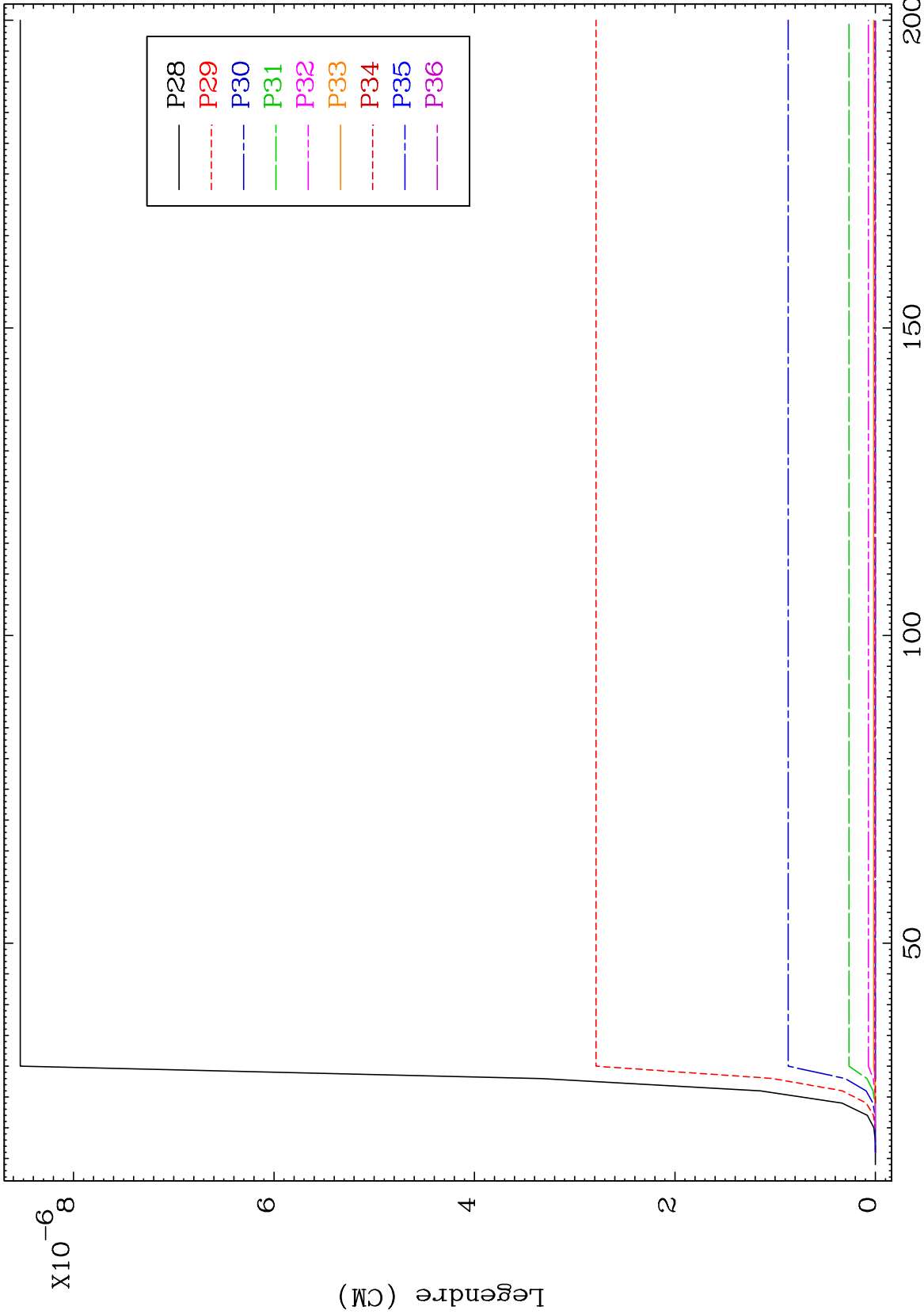
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



127

Incident Energy (MeV)

72-Hf-177

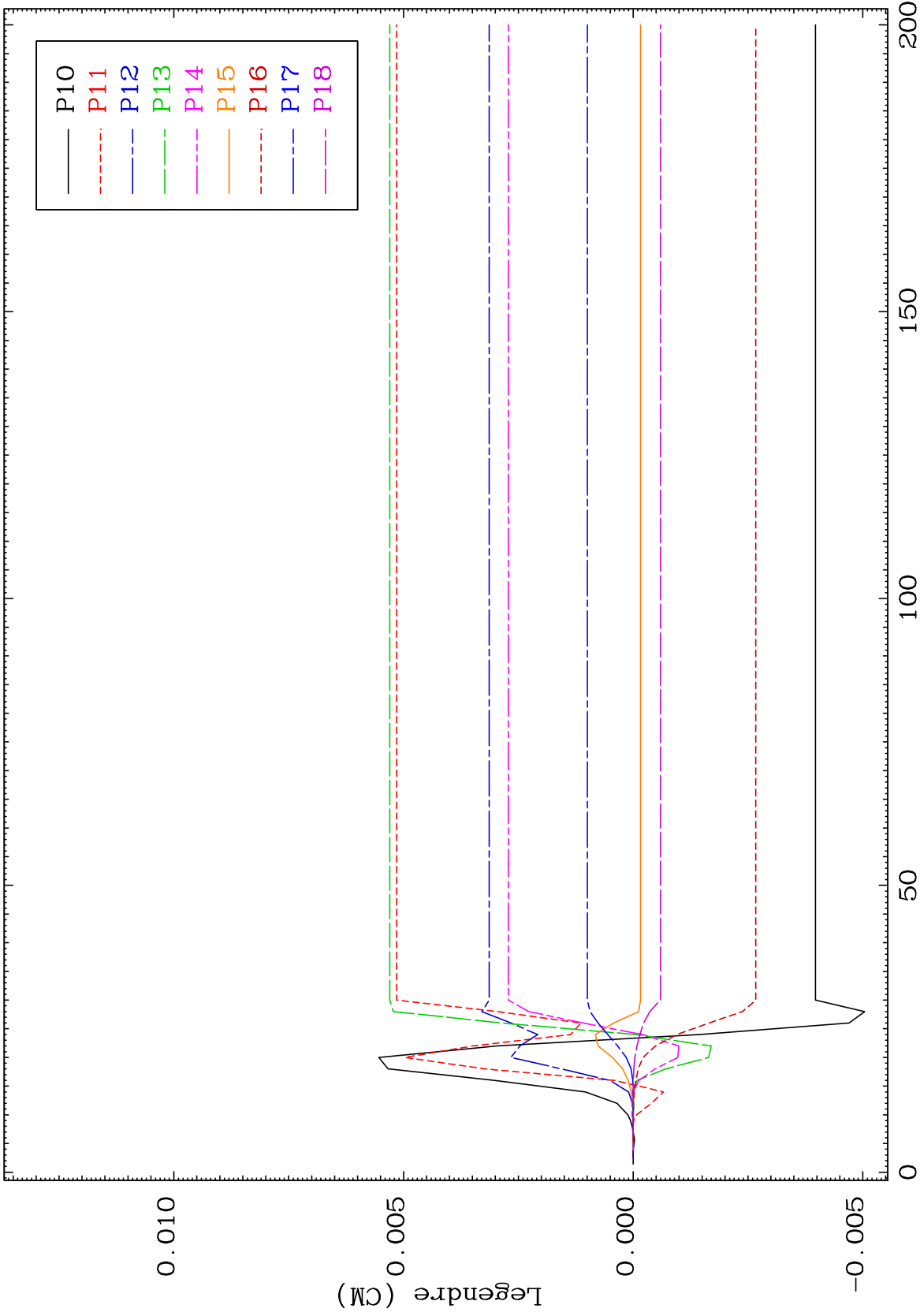




MAT 7234

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

72-Hf-177



129

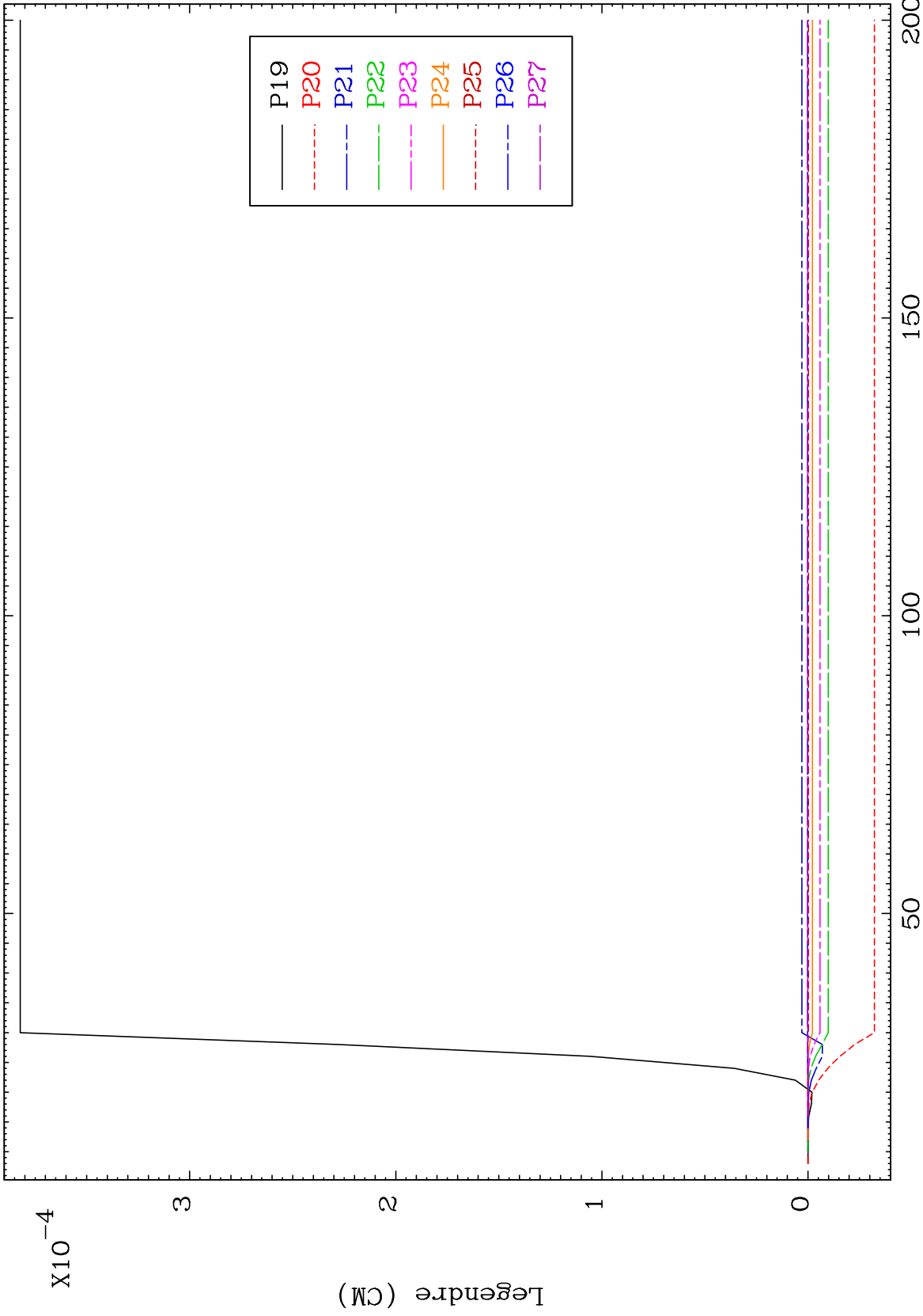
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



130

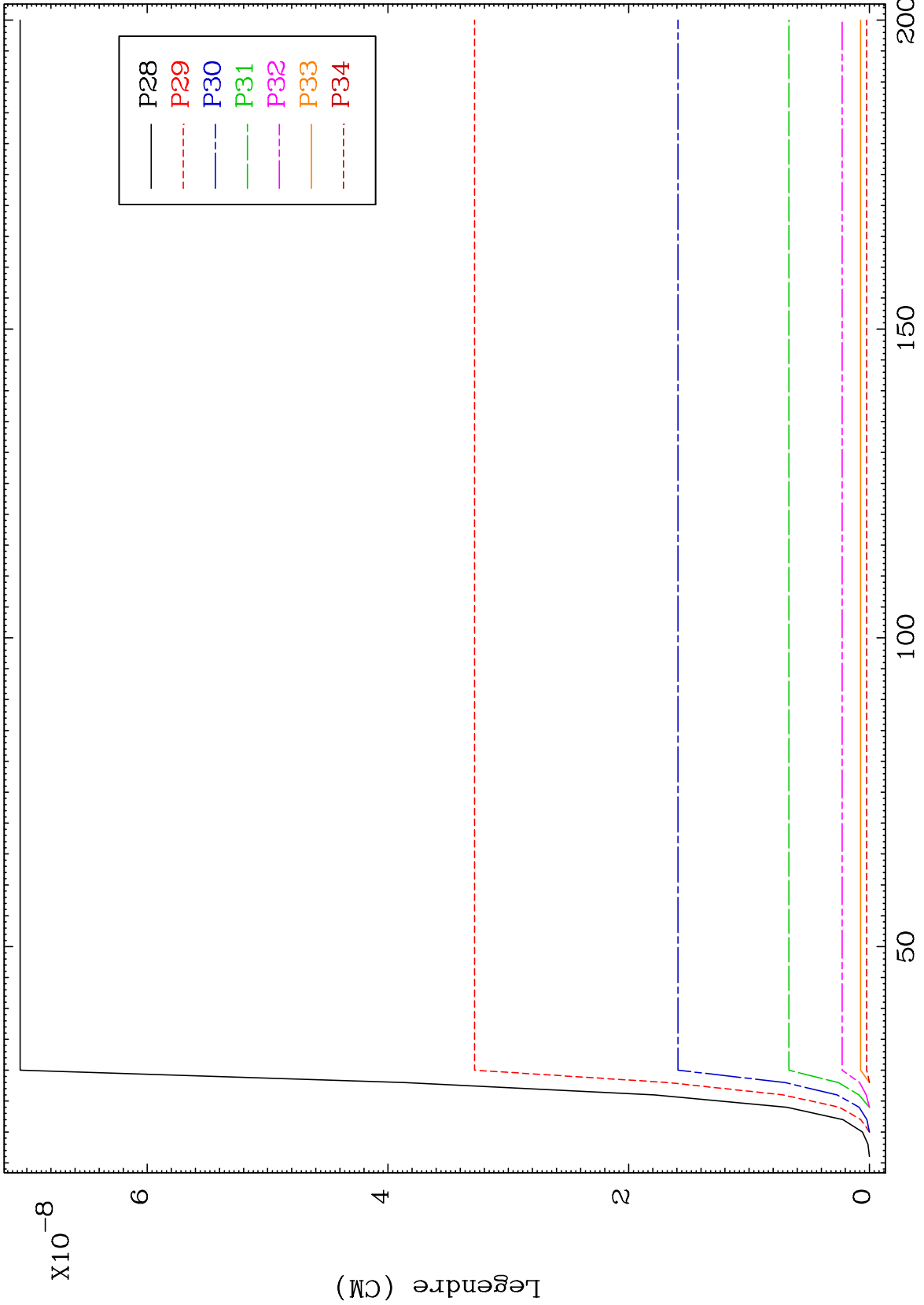
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



131

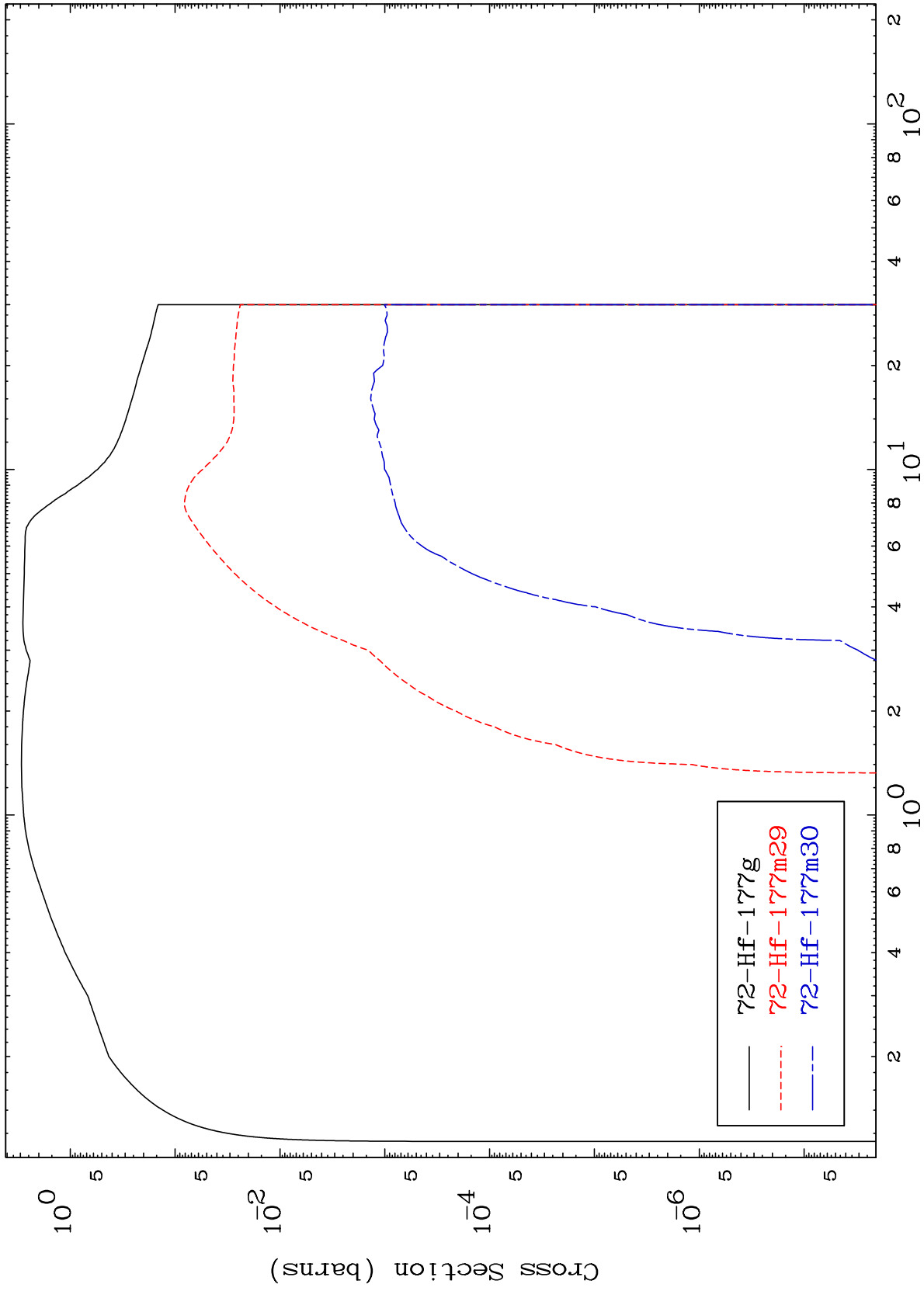
Incident Energy (MeV)

72-Hf-177

MAT 7234

### Inelastic Radionuclide Production Cross Section

72-Hf-177



132

Incident Energy (MeV)

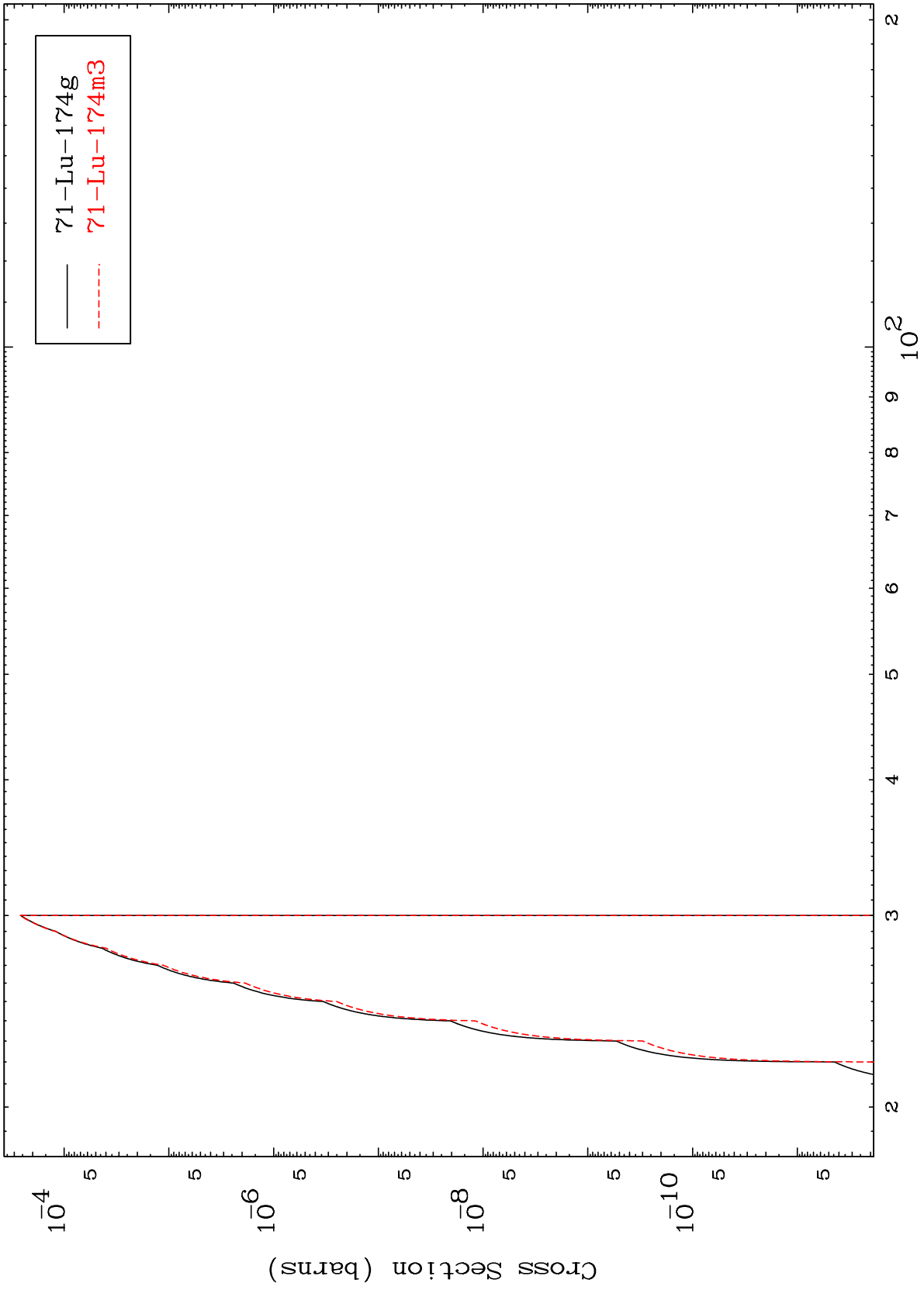
72-Hf-177

MAT 7234

(n,2n) d

72-Hf-177

Radionuclide Production Cross Section



133

Incident Energy (MeV)

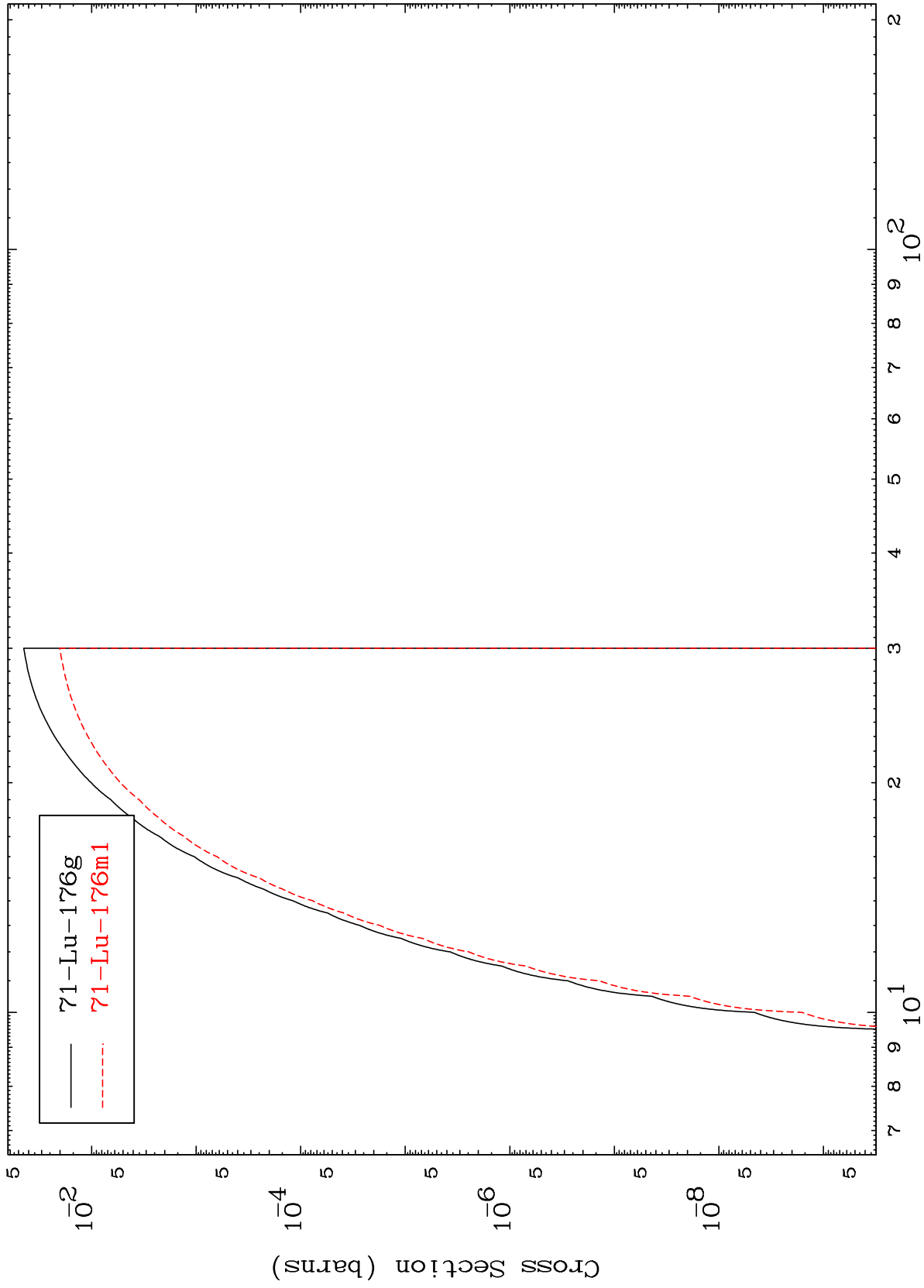
72-Hf-177

MAT 7234

(n,n') p

72-Hf-177

Radionuclide Production Cross Section



134

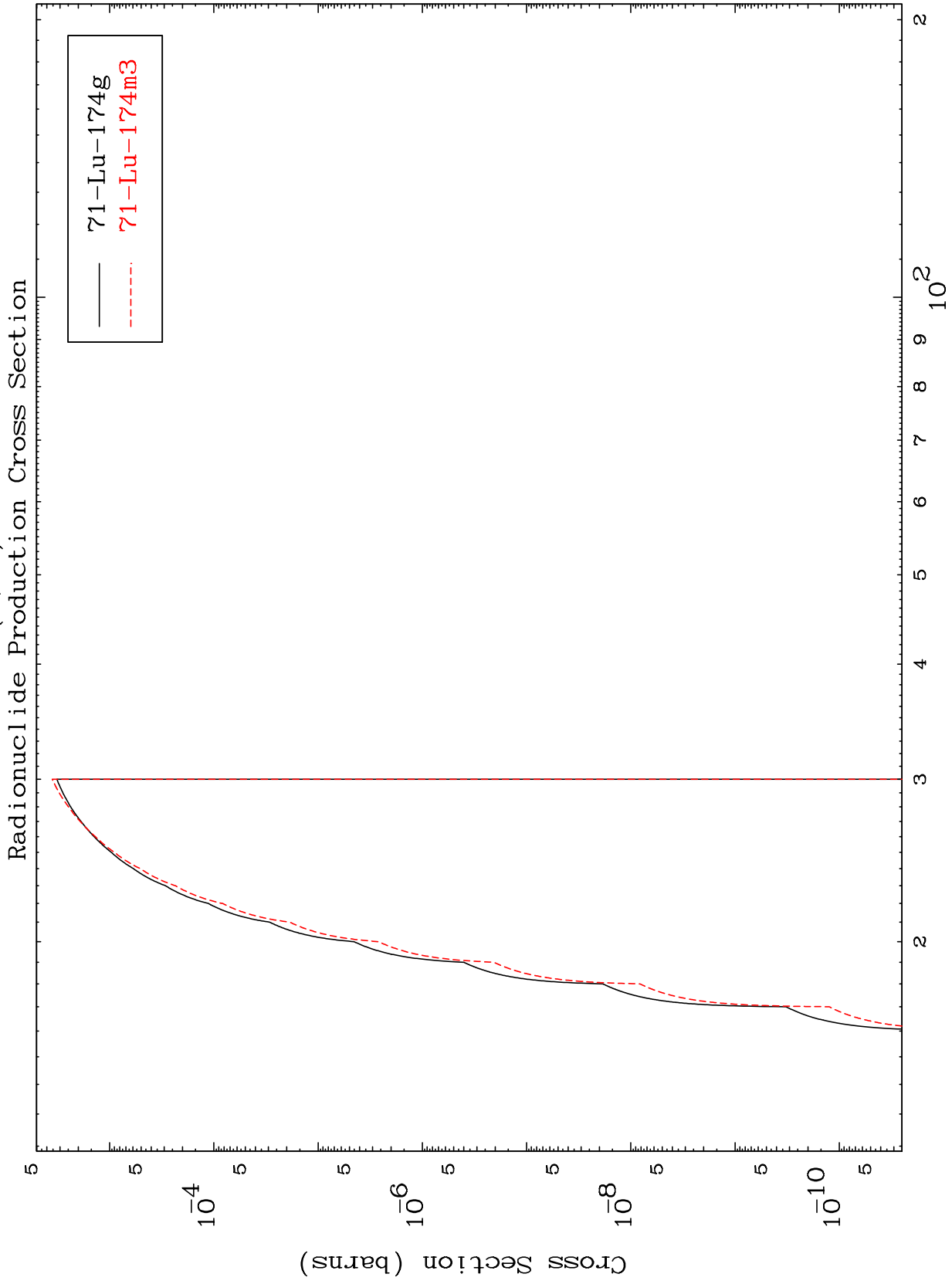
Incident Energy (MeV)

72-Hf-177

MAT 7234

(n,n') t

72-Hf-177



135

Incident Energy (MeV)

72-Hf-177

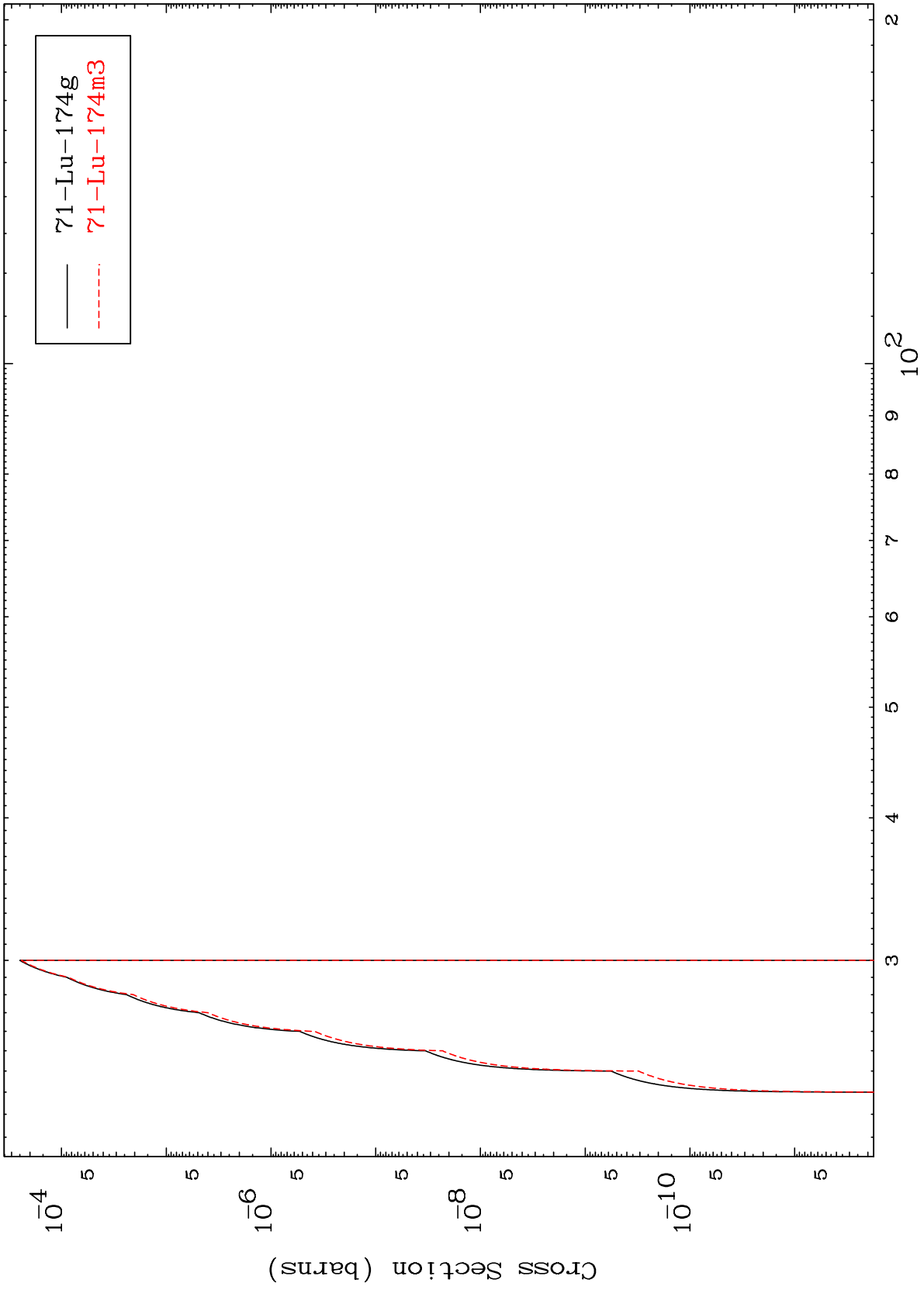


MAT 7234

(n,3n) p

72-Hf-177

Radionuclide Production Cross Section



136

Incident Energy (MeV)

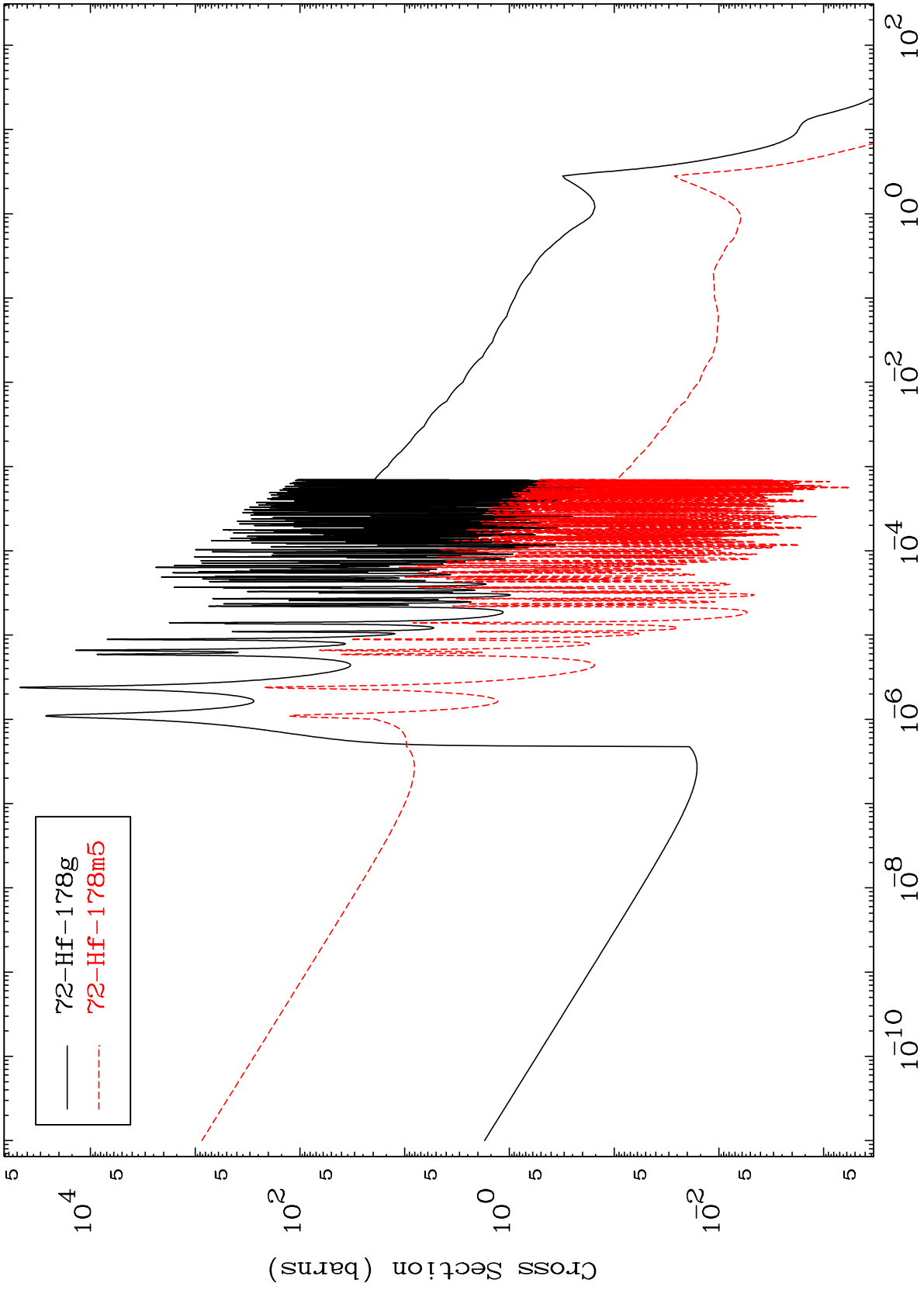
72-Hf-177

MAT 7234

(n,γ)

72-Hf-177

Radionuclide Production Cross Section

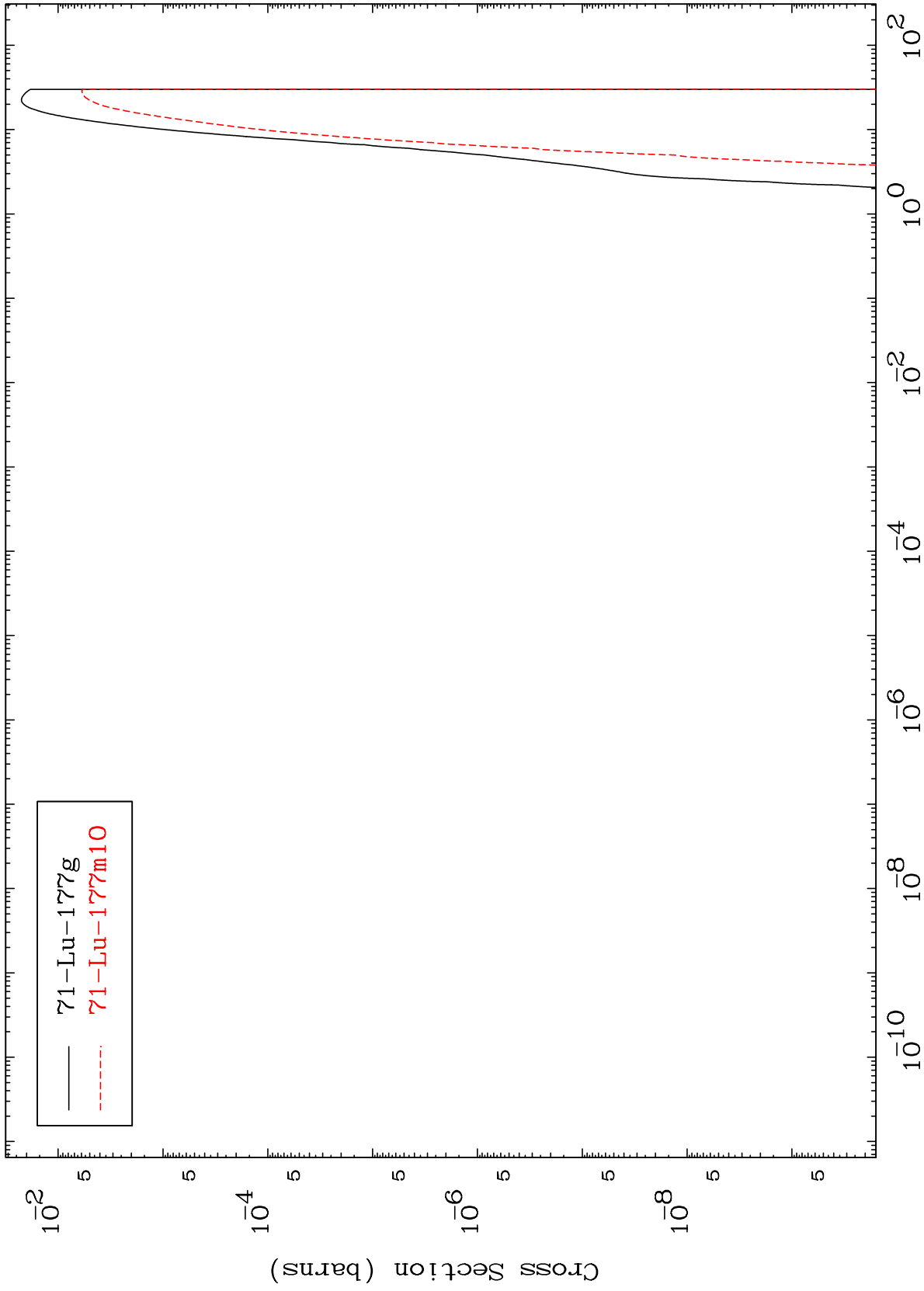


MAT 7234

(n,p)

72-Hf-177

Radionuclide Production Cross Section



138

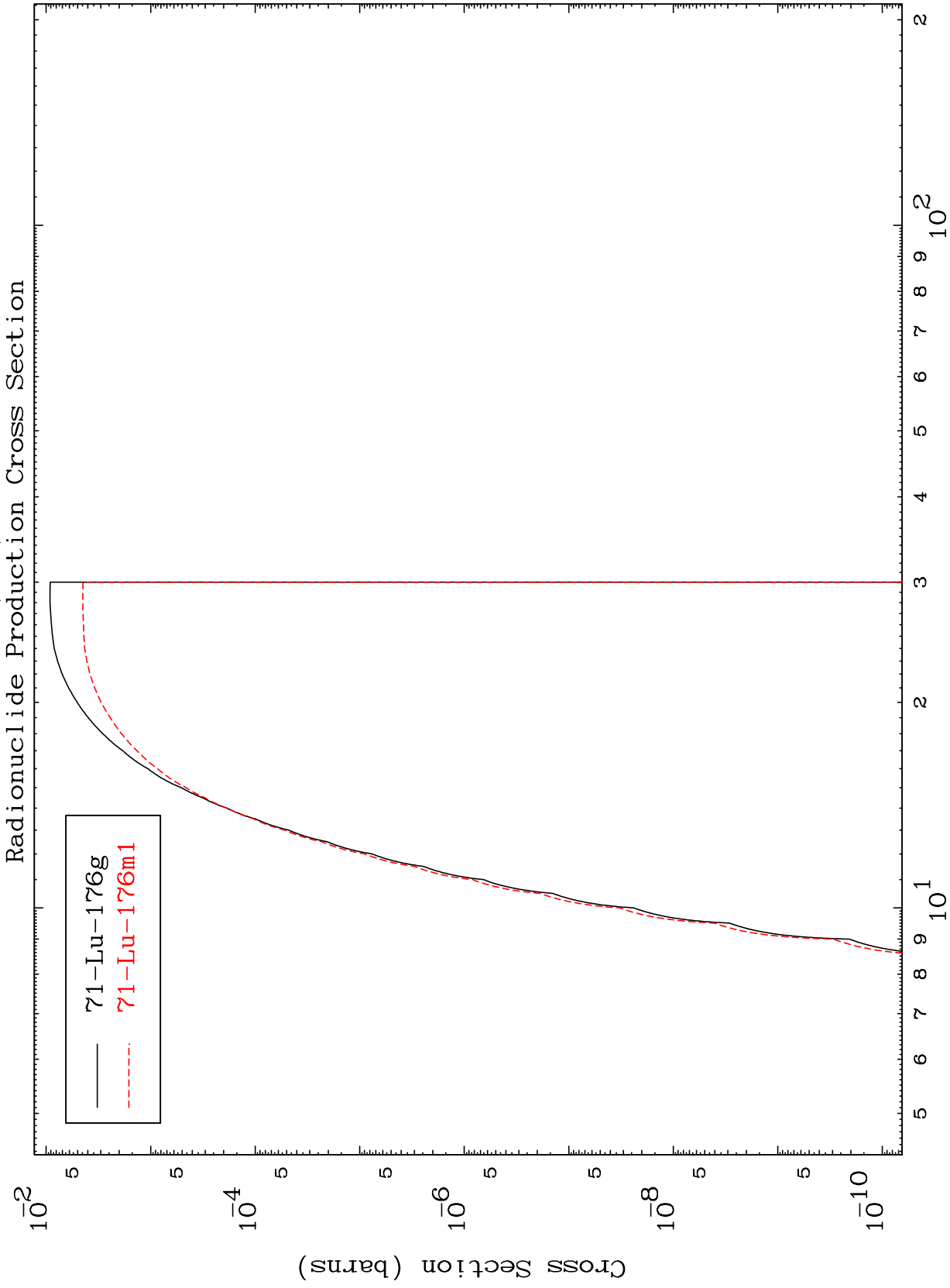
Incident Energy (MeV)

72-Hf-177

MAT 7234

(n,d)

72-Hf-177



71-Lu-176g  
71-Lu-176m1

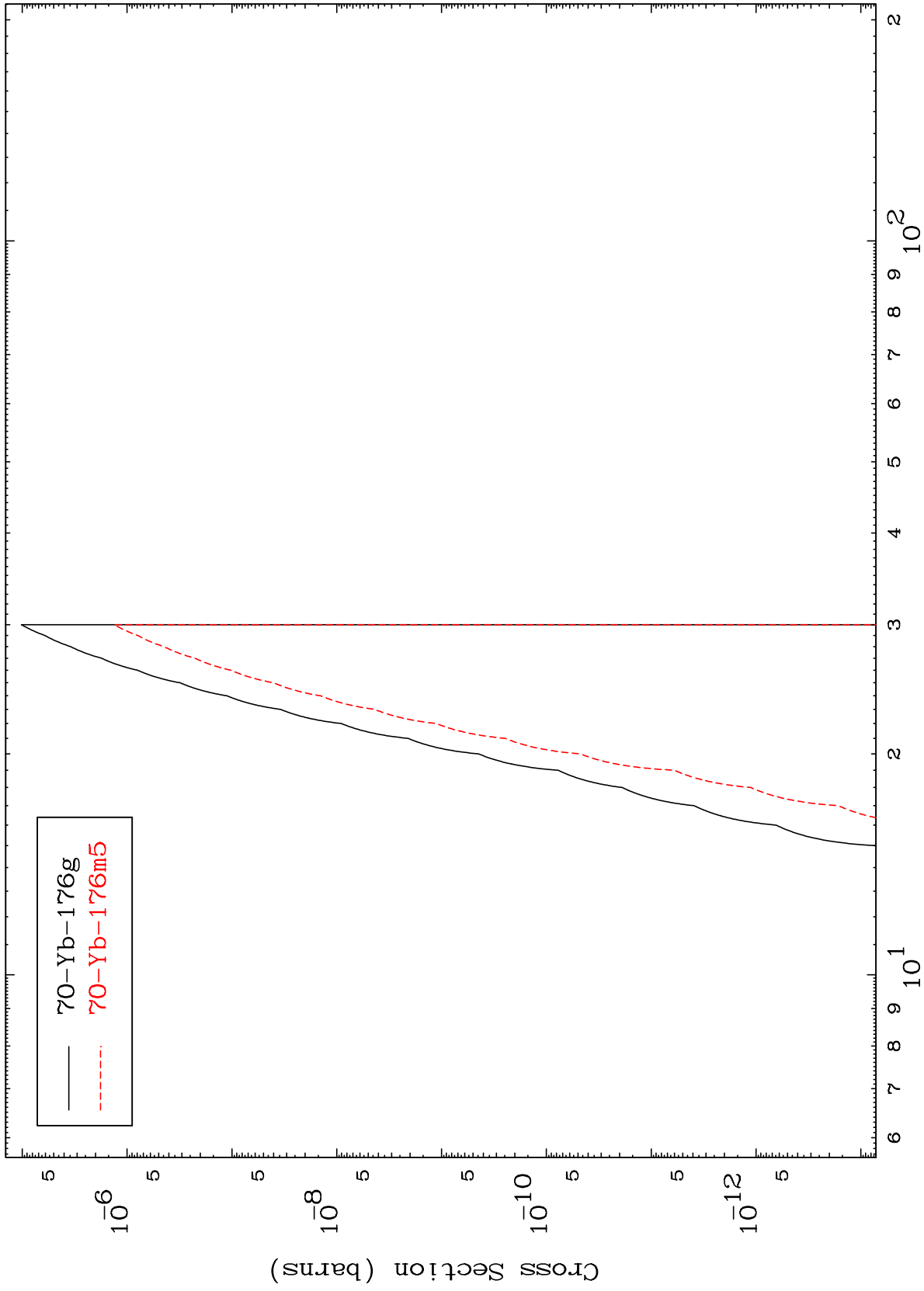
139

72-Hf-177

MAT 7234

72-Hf-177

Radionuclide Production Cross Section (n,2p)



140

72-Hf-177