

Program EVALPLOT
(Version 2018-1)

by

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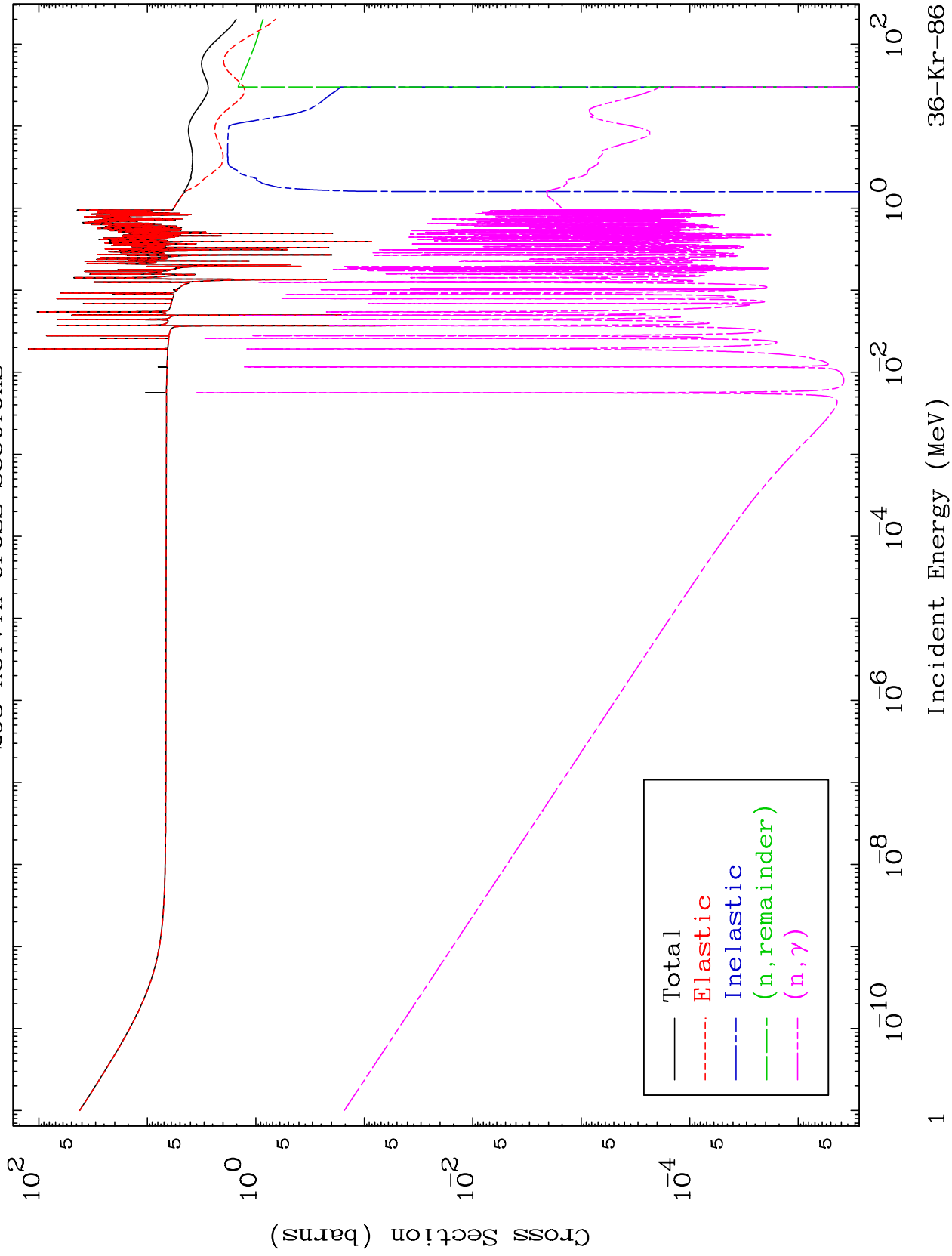
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3649

Major
293 Kelvin Cross Sections

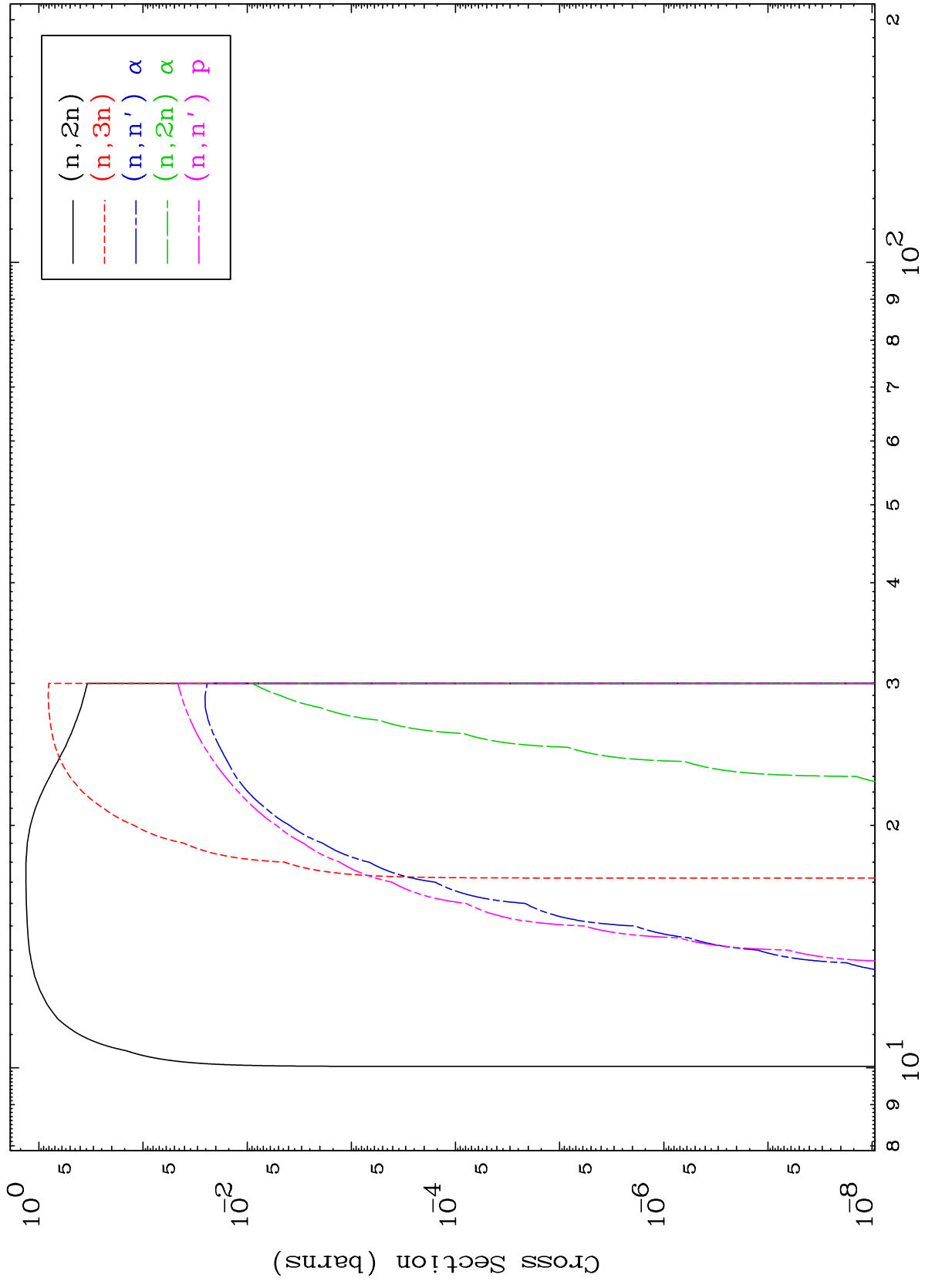
36-Kr-86



MAT 3649

Neutron Production
293 Kelvin Cross Sections

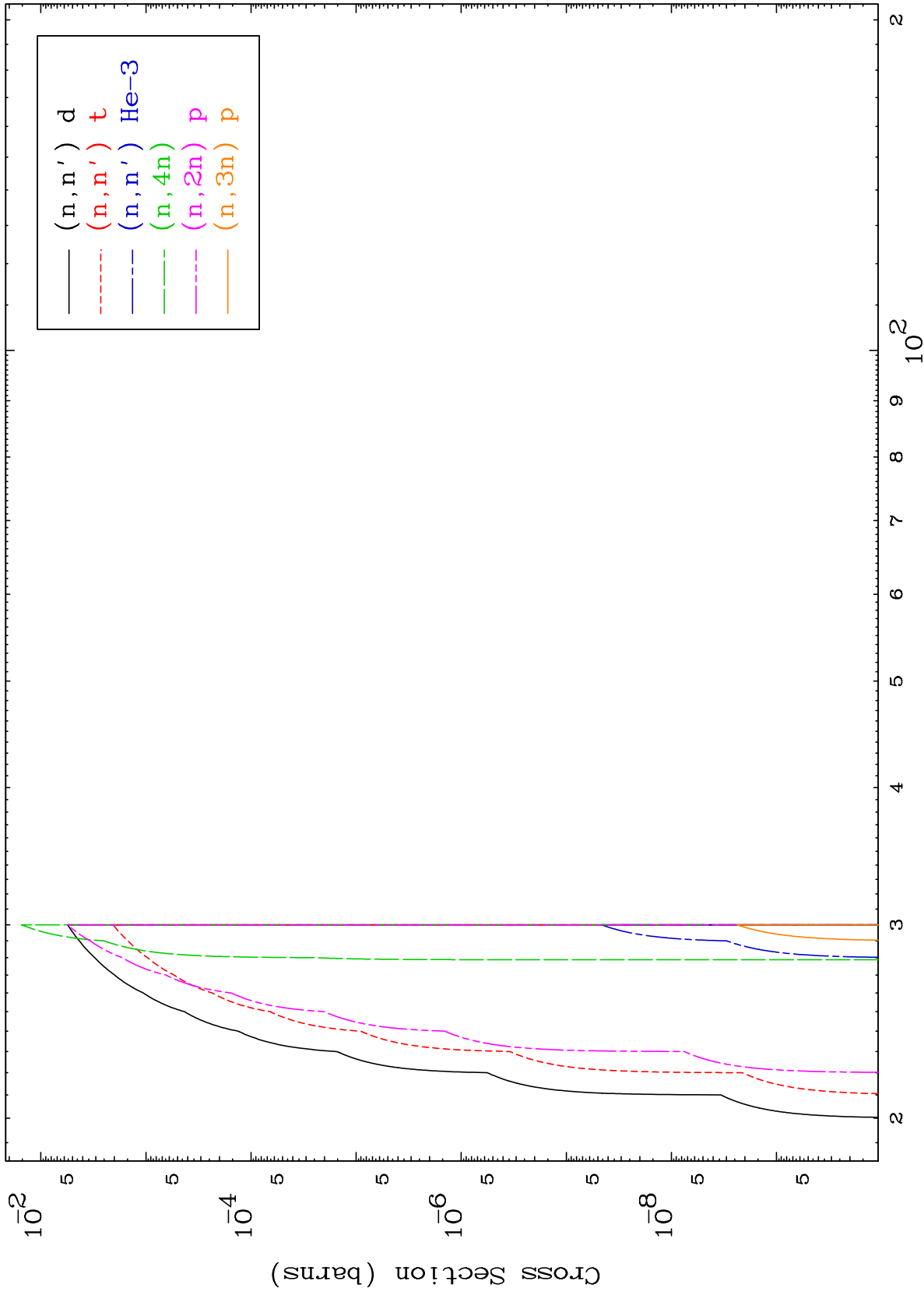
36-Kr-86



2

Incident Energy (MeV)

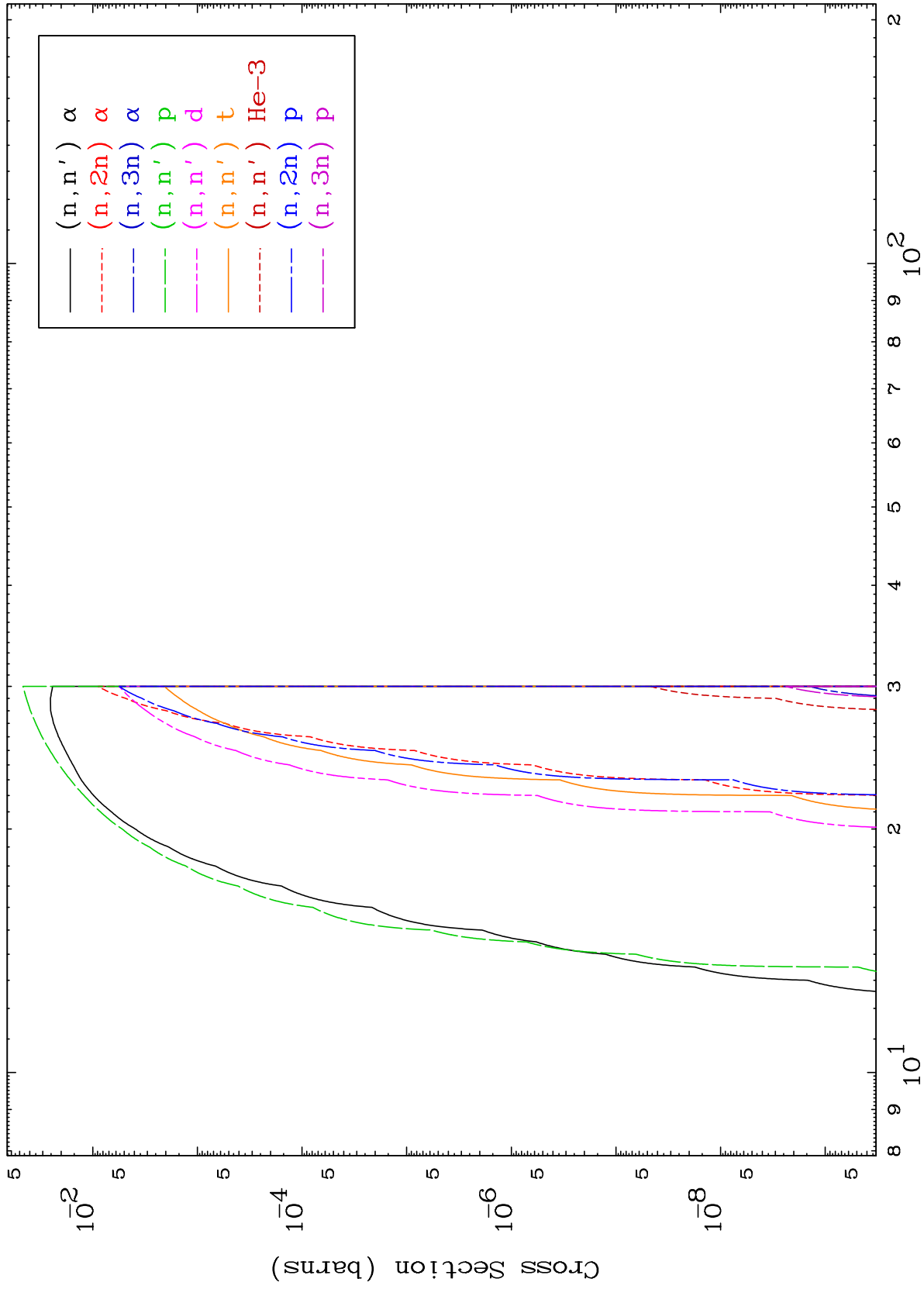
36-Kr-86

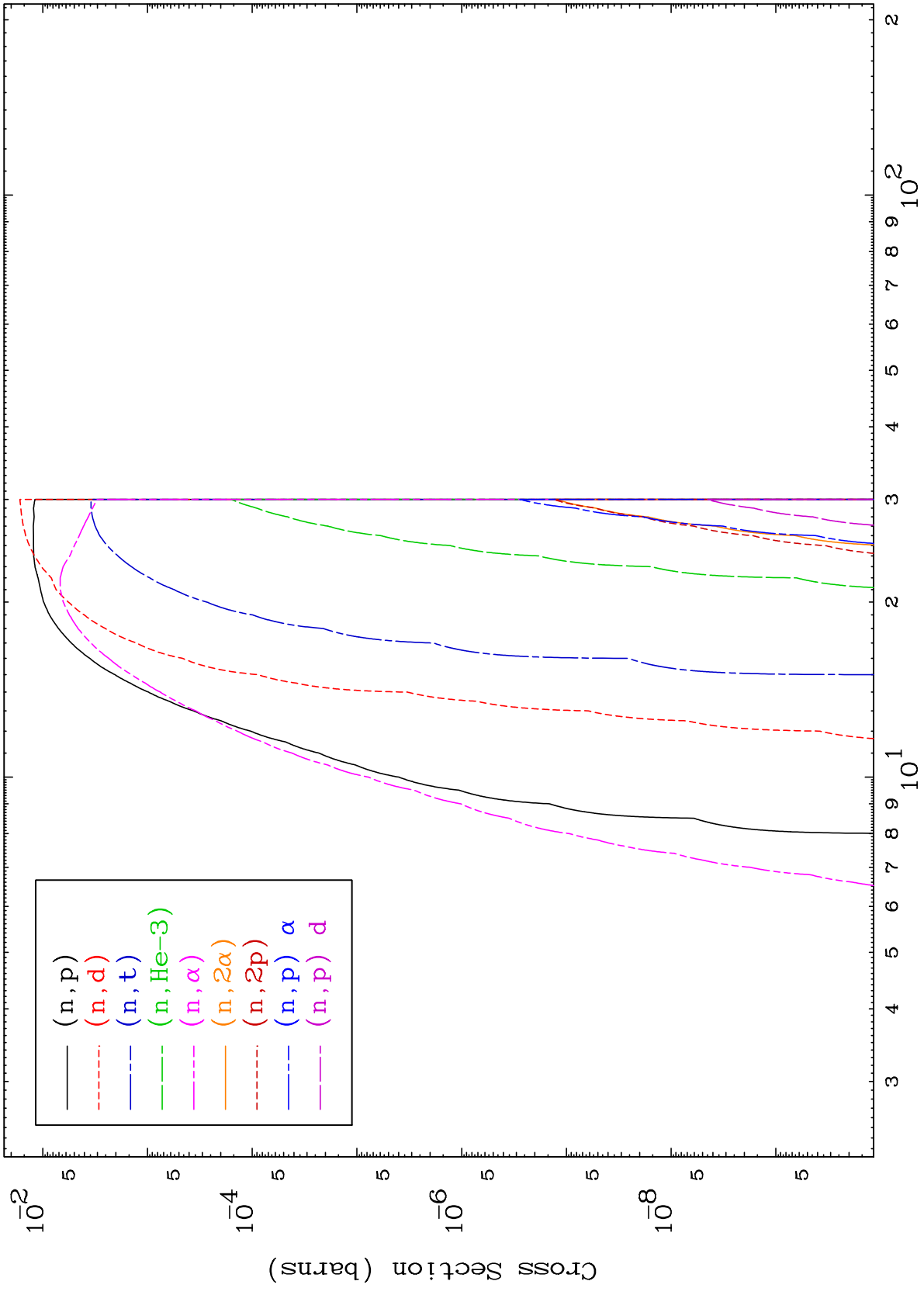


MAT 3649

Charged Particle
293 Kelvin Cross Sections

36-Kr-86

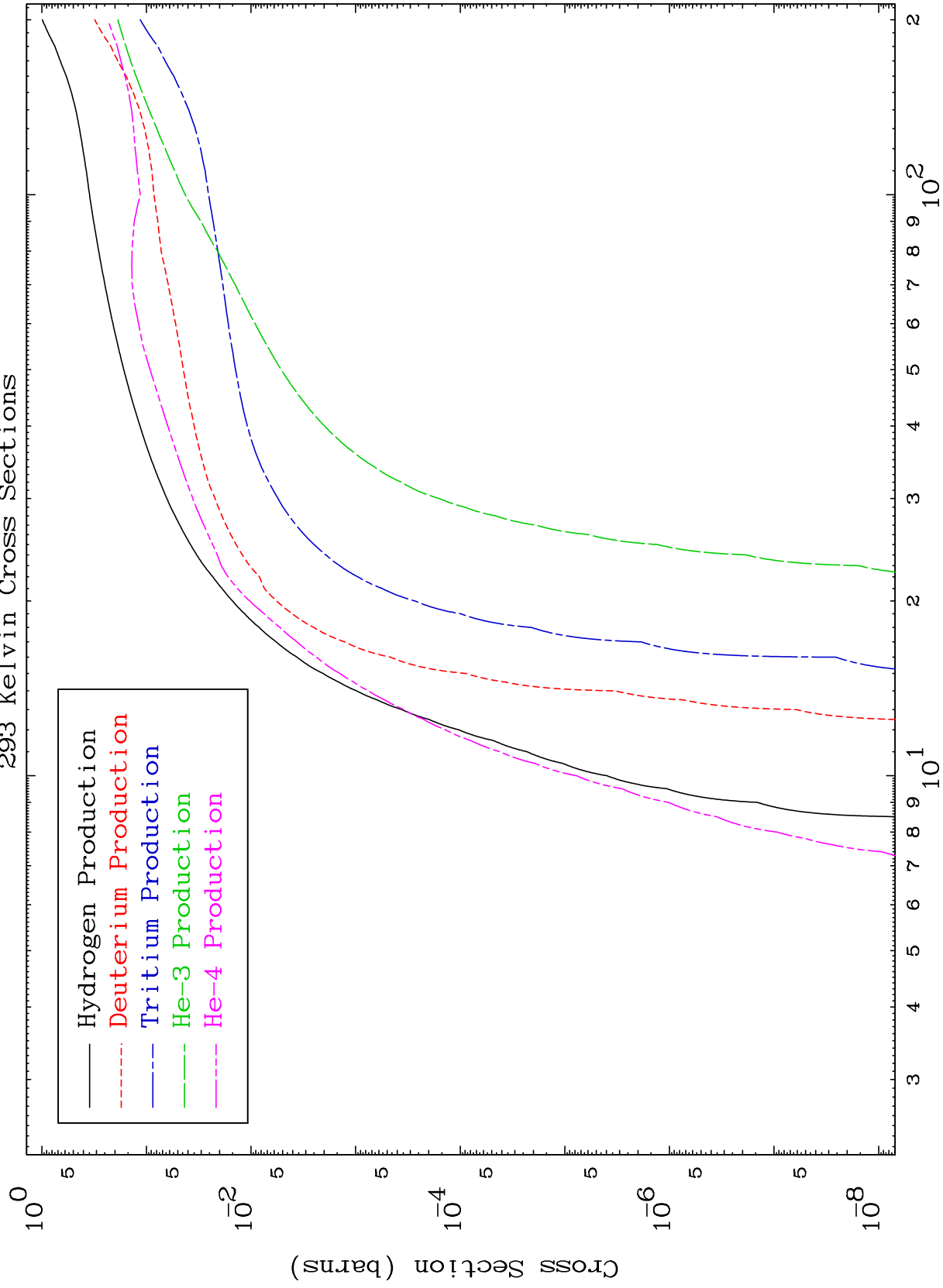




MAT 3649

Particle Production
293 Kelvin Cross Sections

36-Kr-86



6

Incident Energy (MeV)

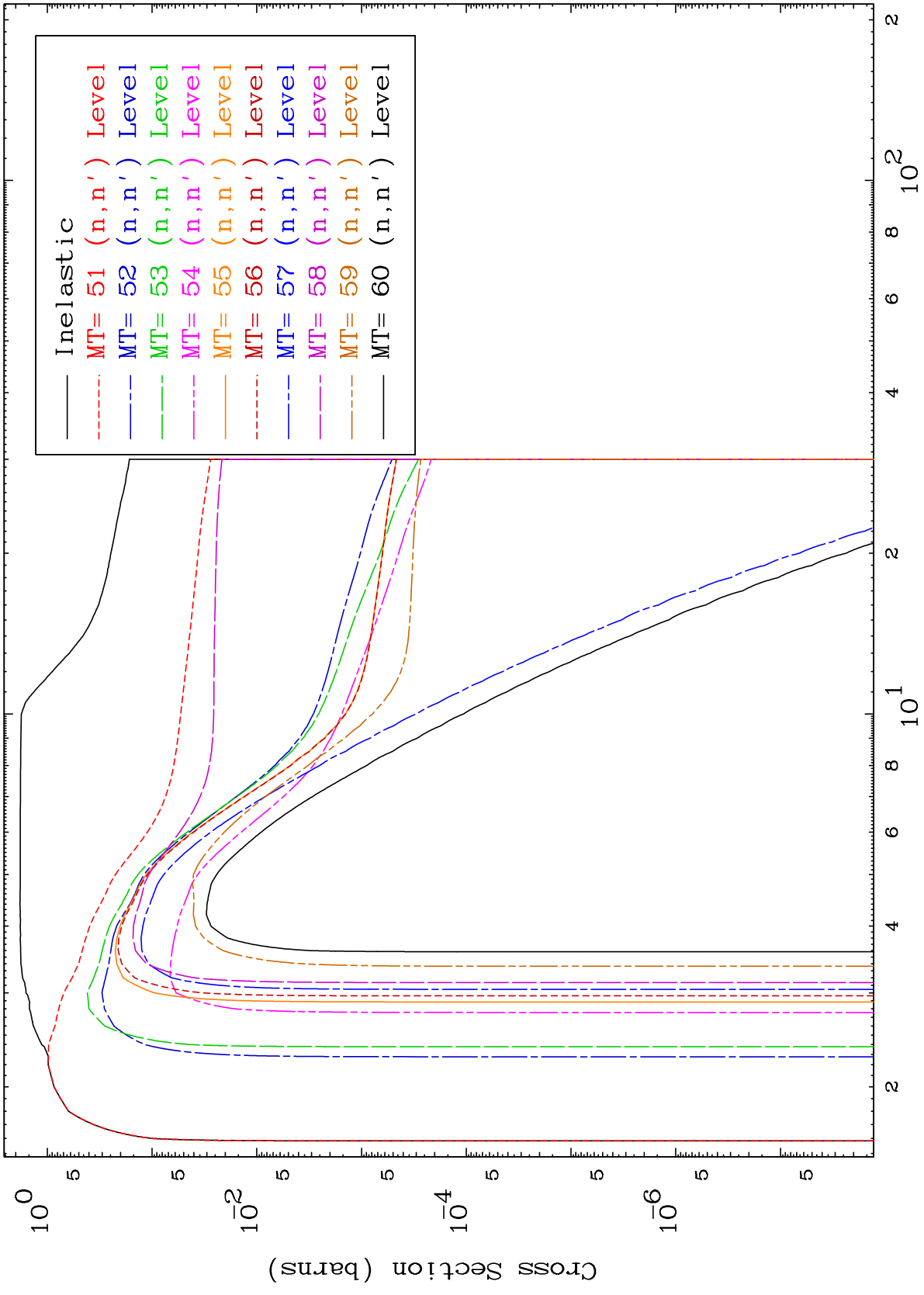
36-Kr-86

MAT 3649

(n,n') Level

36-Kr-86

293 Kelvin Cross Sections



7

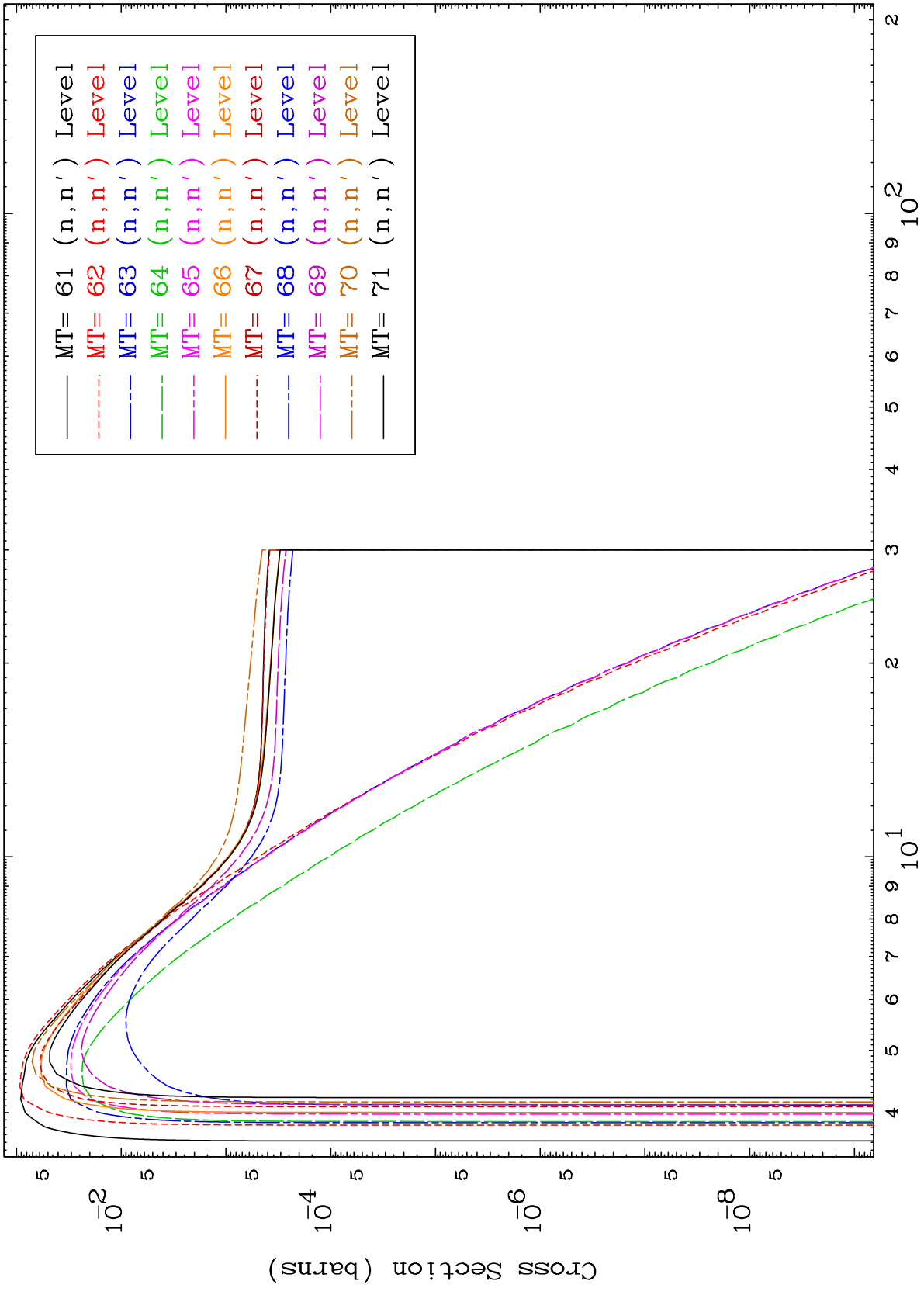
Incident Energy (MeV)

36-Kr-86

MAT 3649

(n,n') Level
293 Kelvin Cross Sections

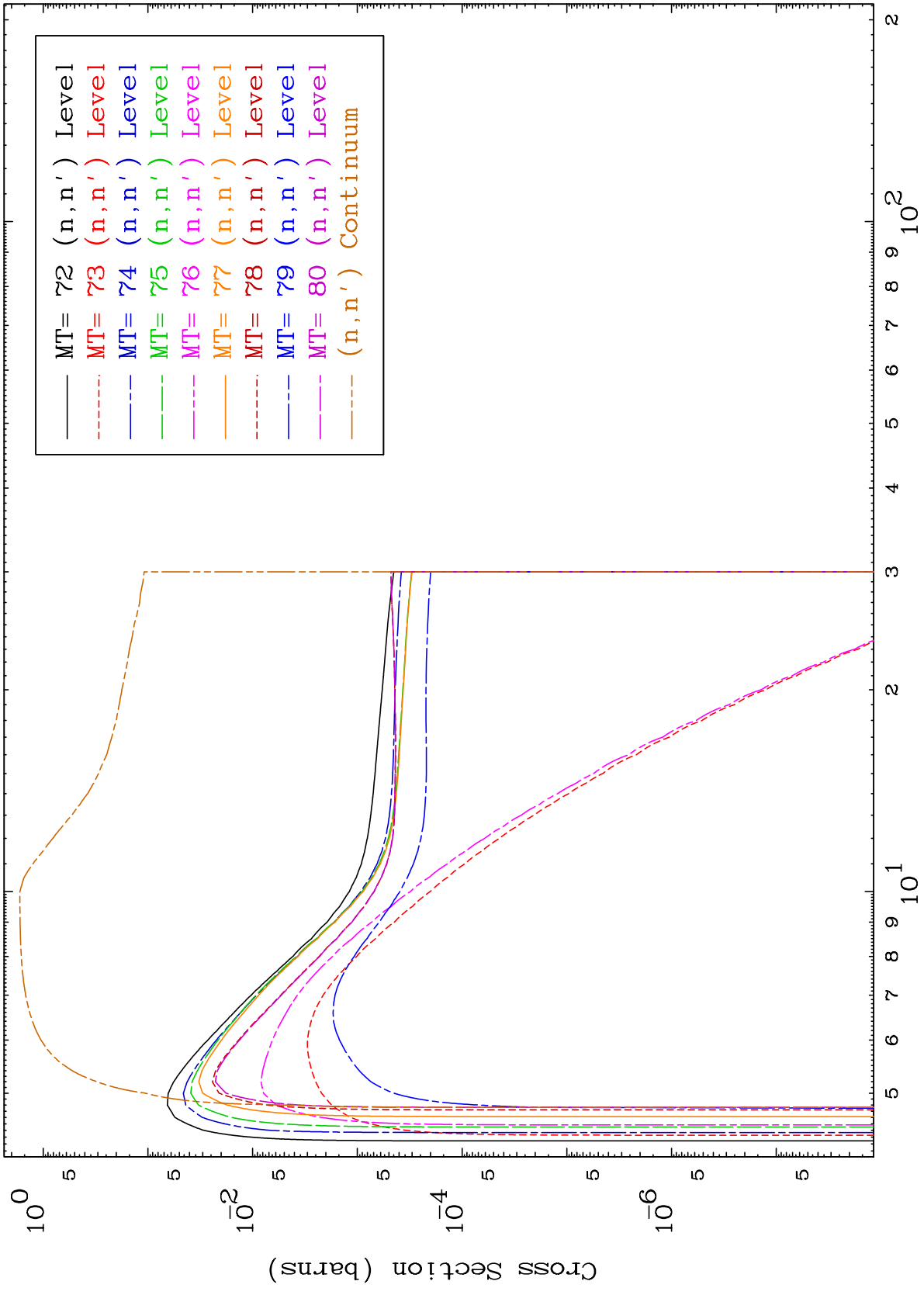
36-Kr-86



8

Incident Energy (MeV)

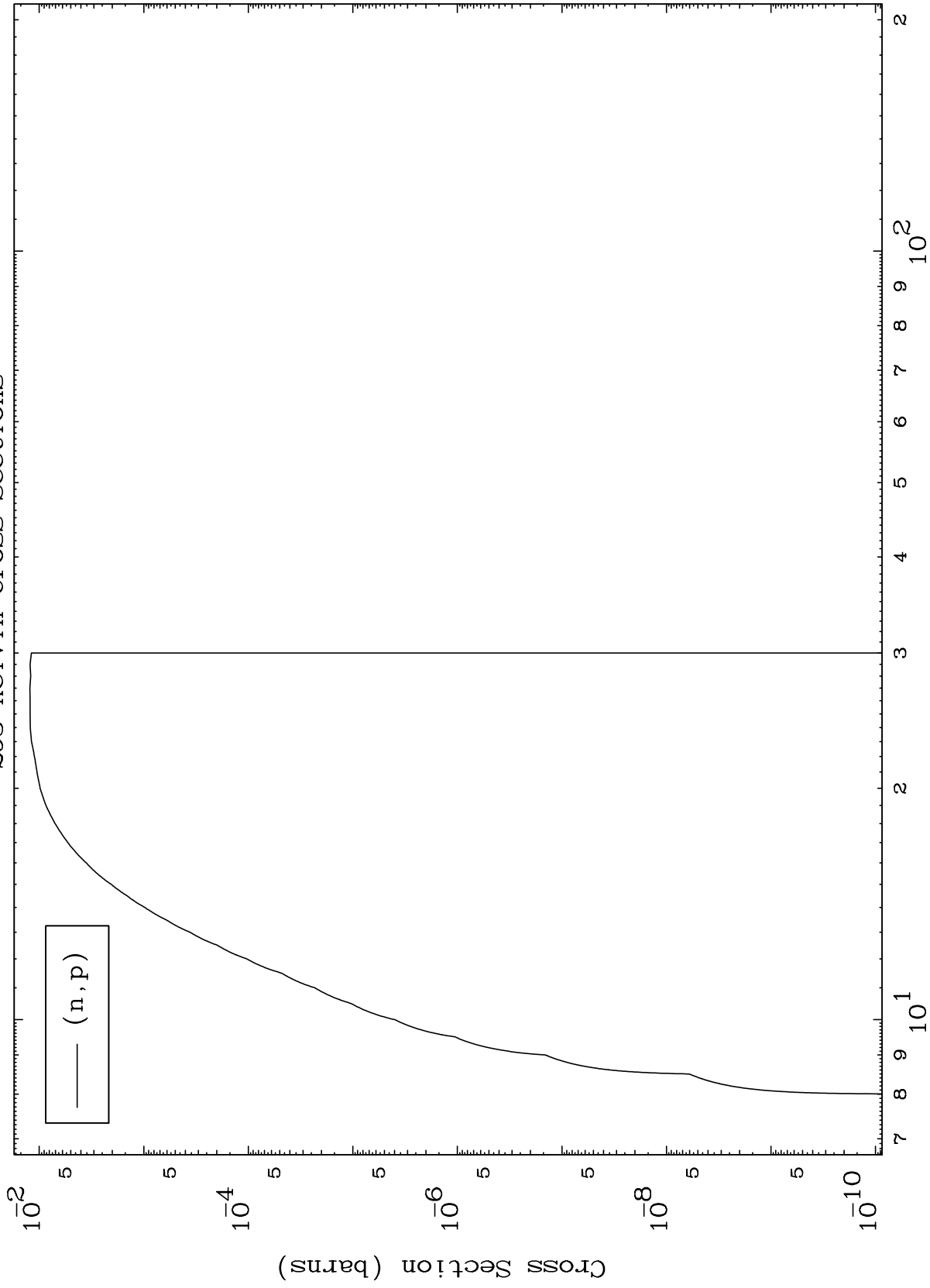
36-Kr-86



MAT 3649

(n,p) Levels
293 Kelvin Cross Sections

36-Kr-86



10

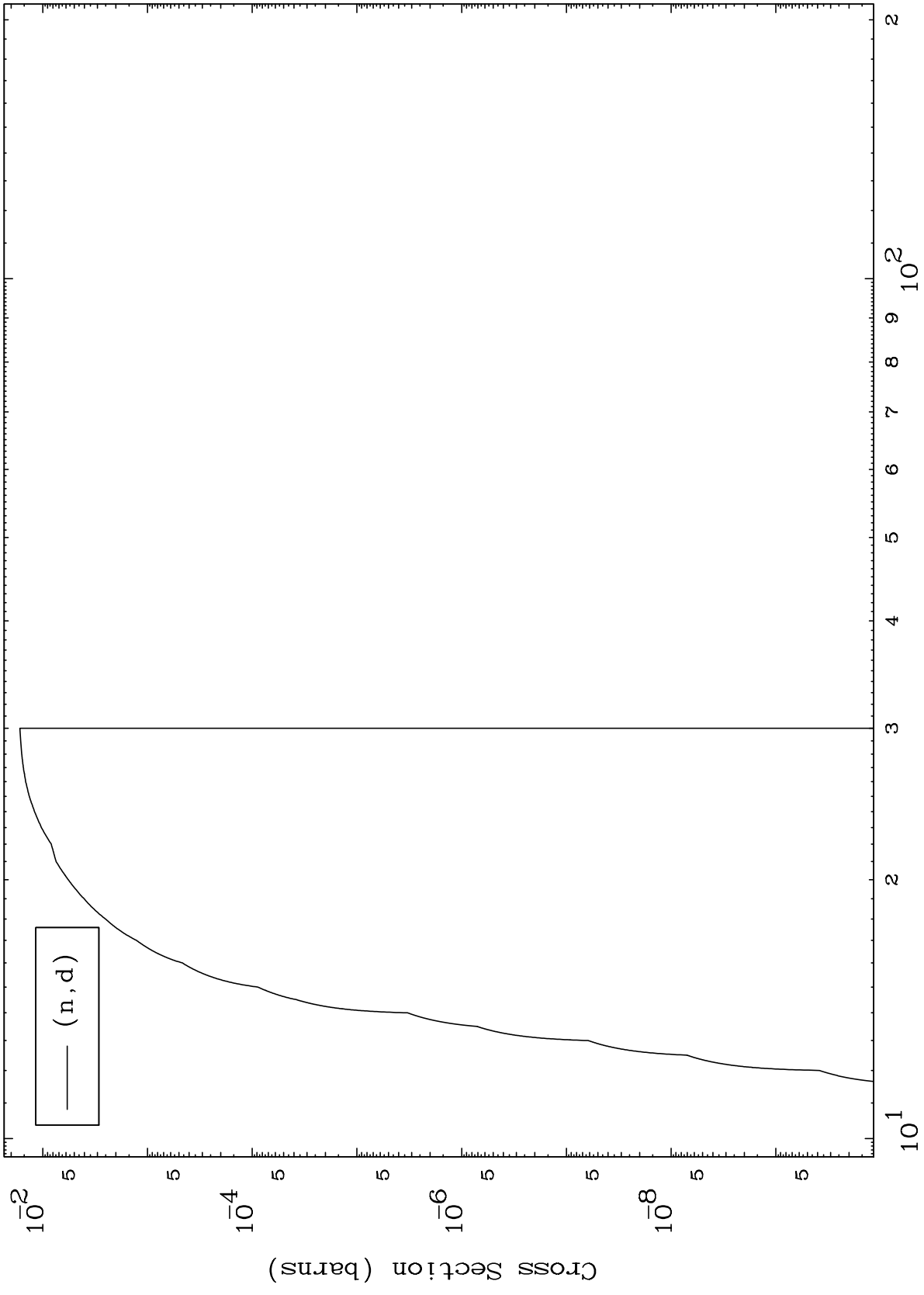
Incident Energy (MeV)

36-Kr-86

MAT 3649

(n,d) Levels
293 Kelvin Cross Sections

36-Kr-86



11

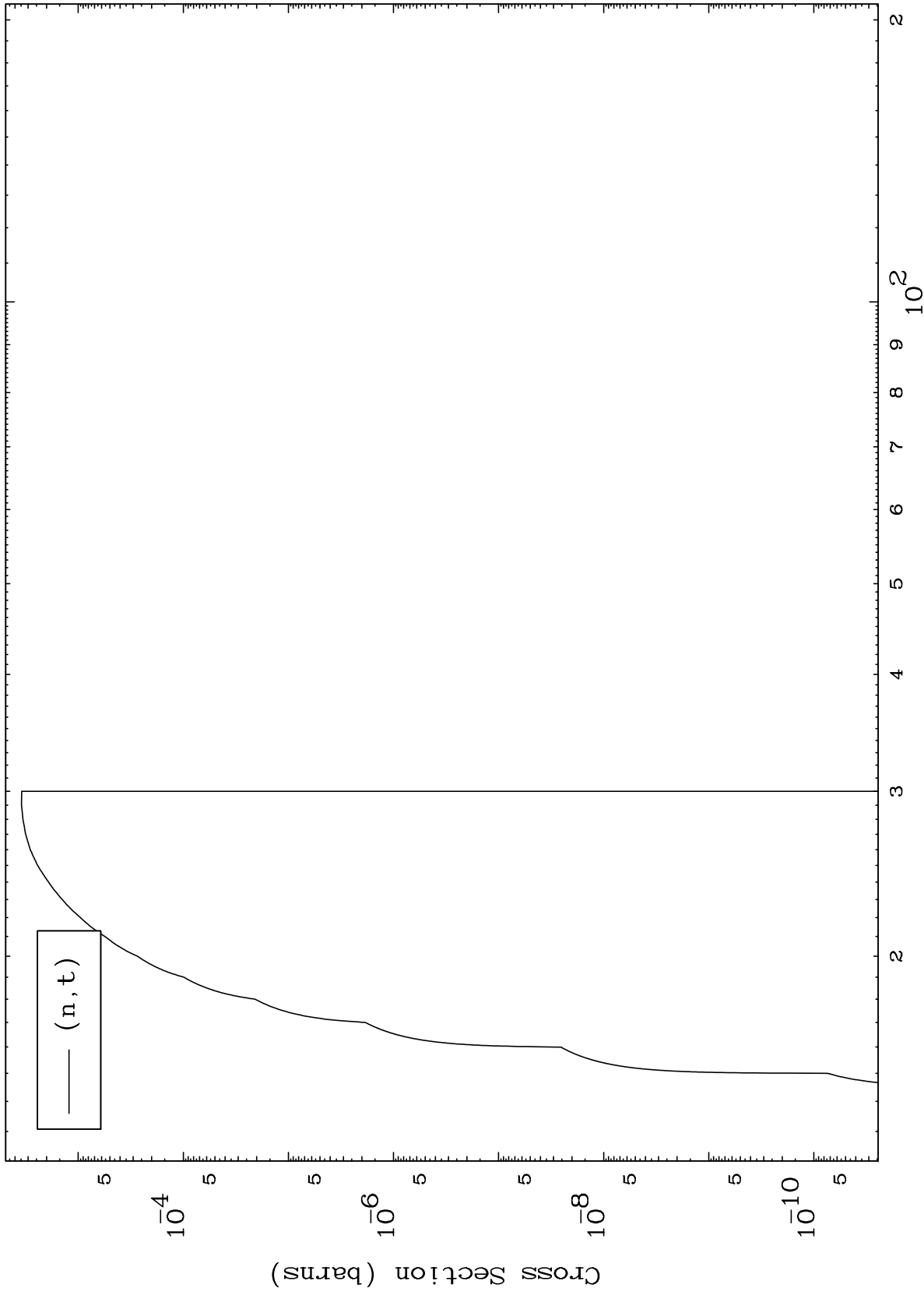
Incident Energy (MeV)

36-Kr-86

MAT 3649

(n,t) Levels
293 Kelvin Cross Sections

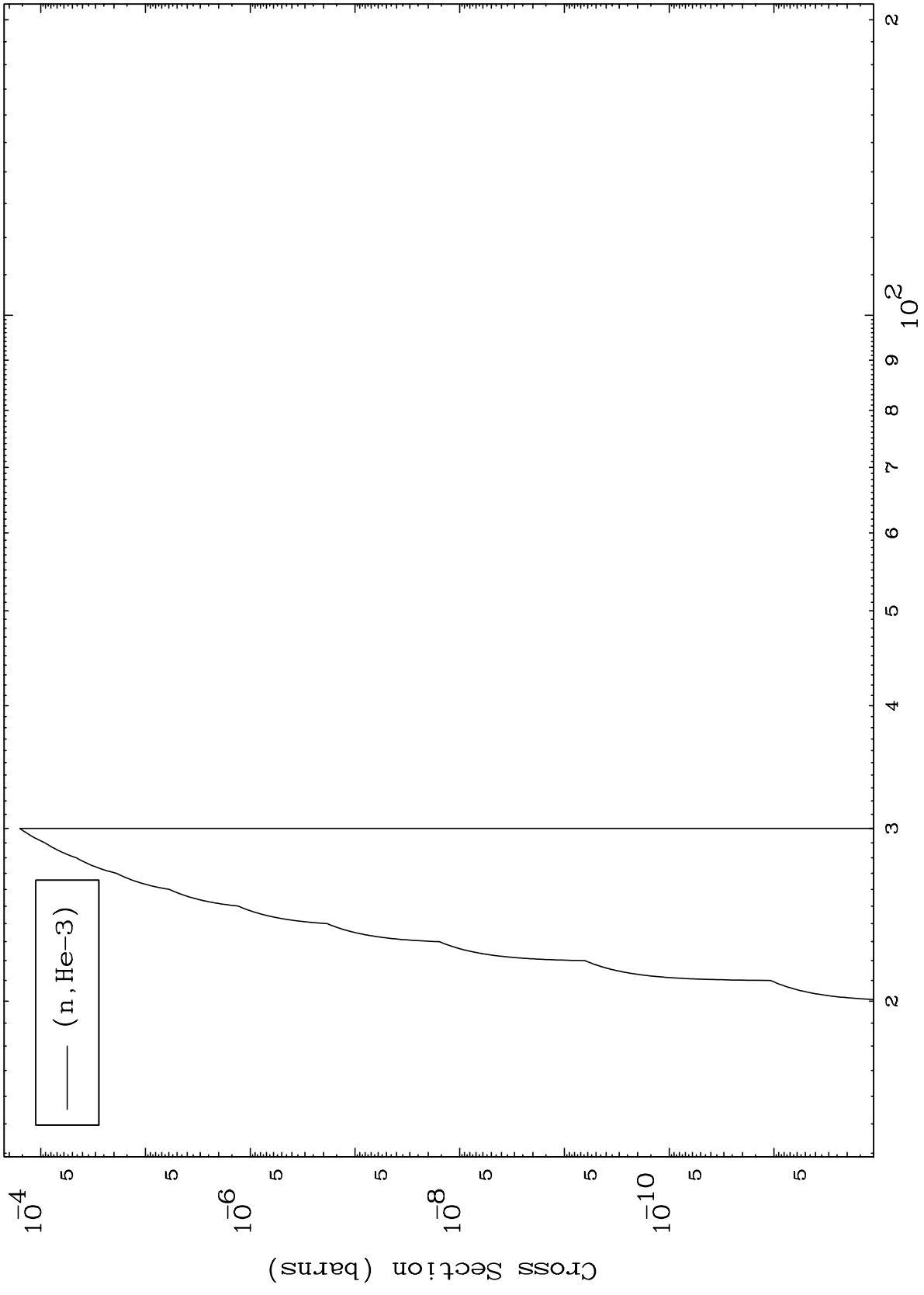
36-Kr-86



12

Incident Energy (MeV)

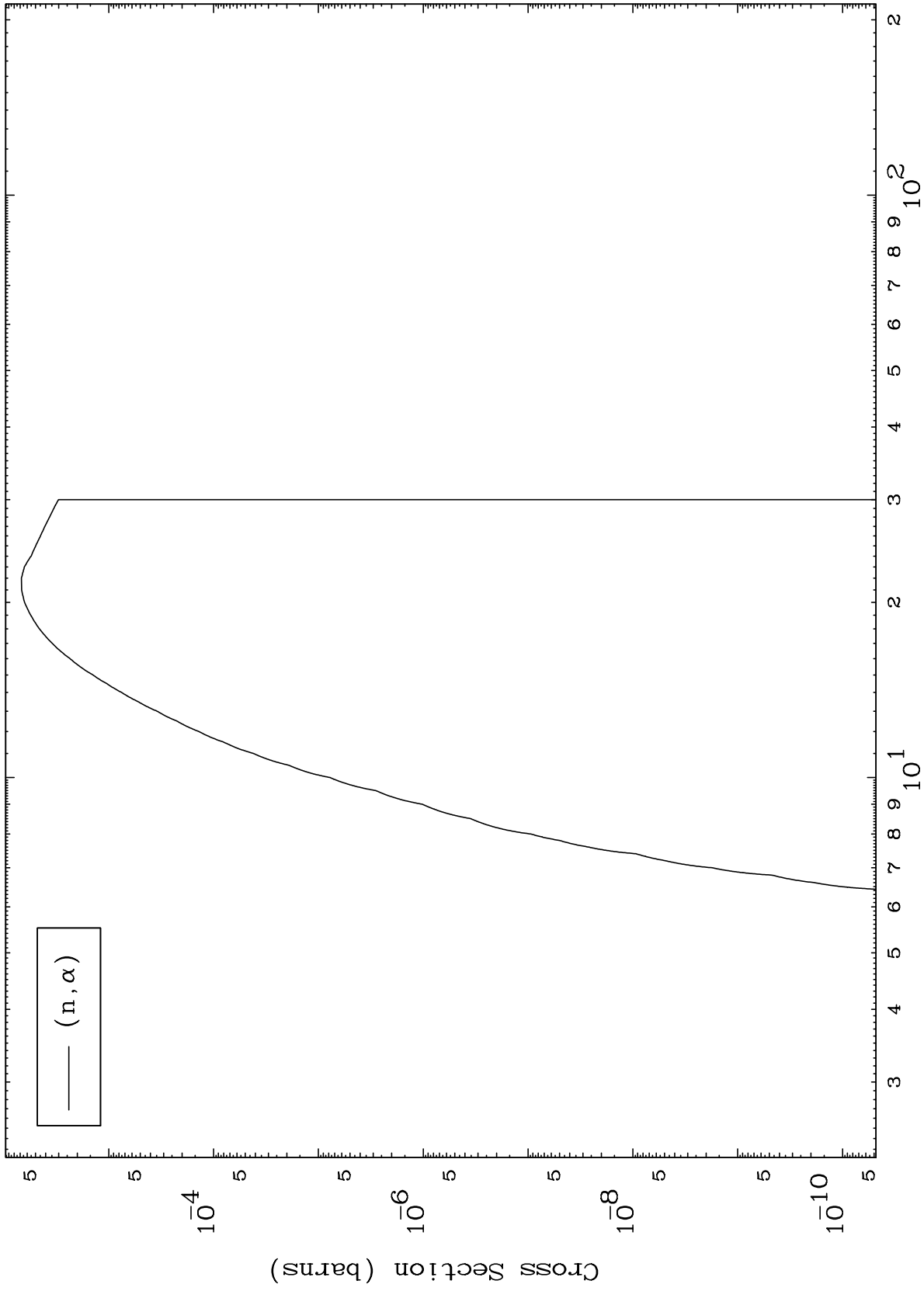
36-Kr-86



MAT 3649

(n,α) Levels
293 Kelvin Cross Sections

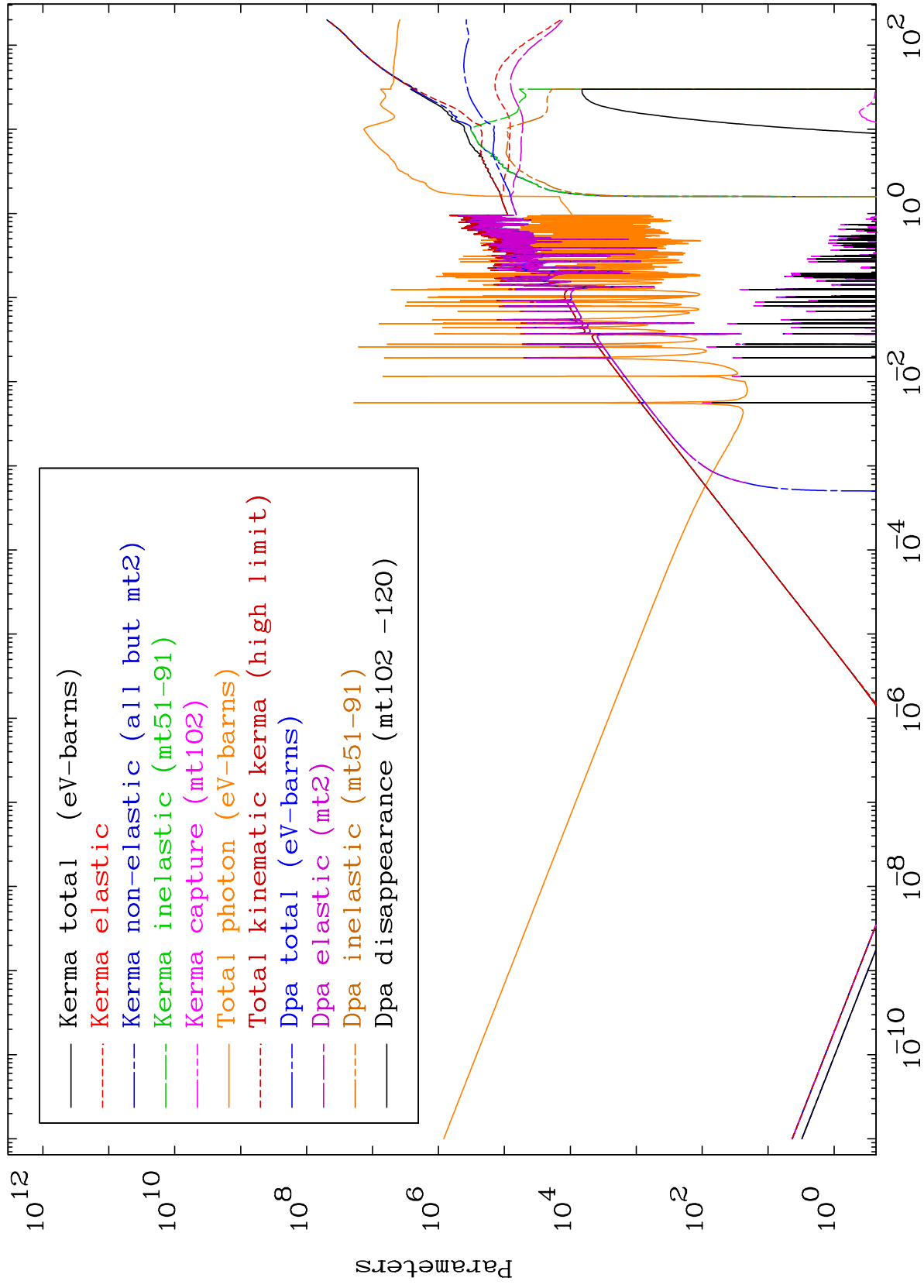
36-Kr-86



14

Incident Energy (MeV)

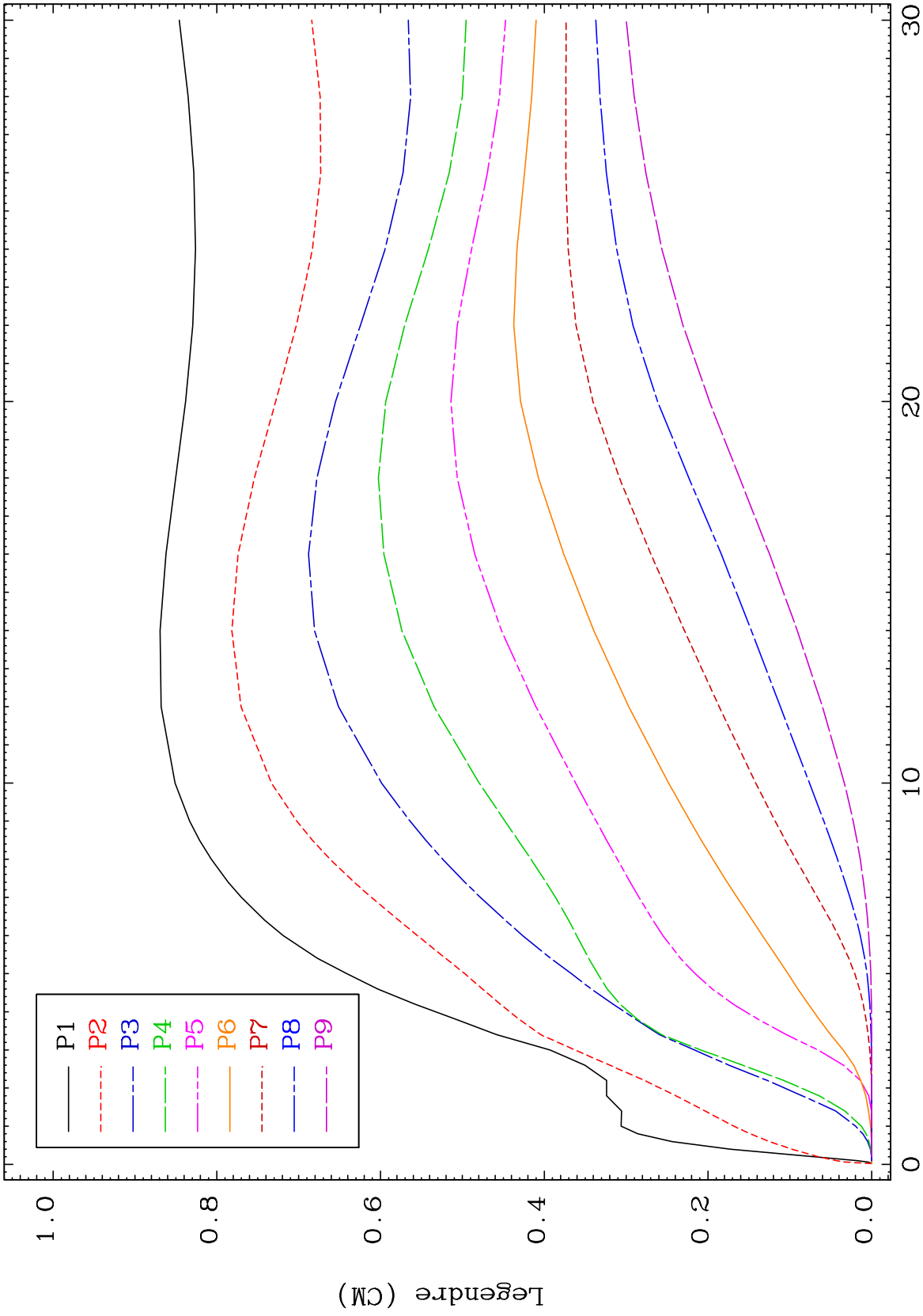
36-Kr-86



MAT 3649

Elastic Legendre Coefficients

³⁶Kr-86



16

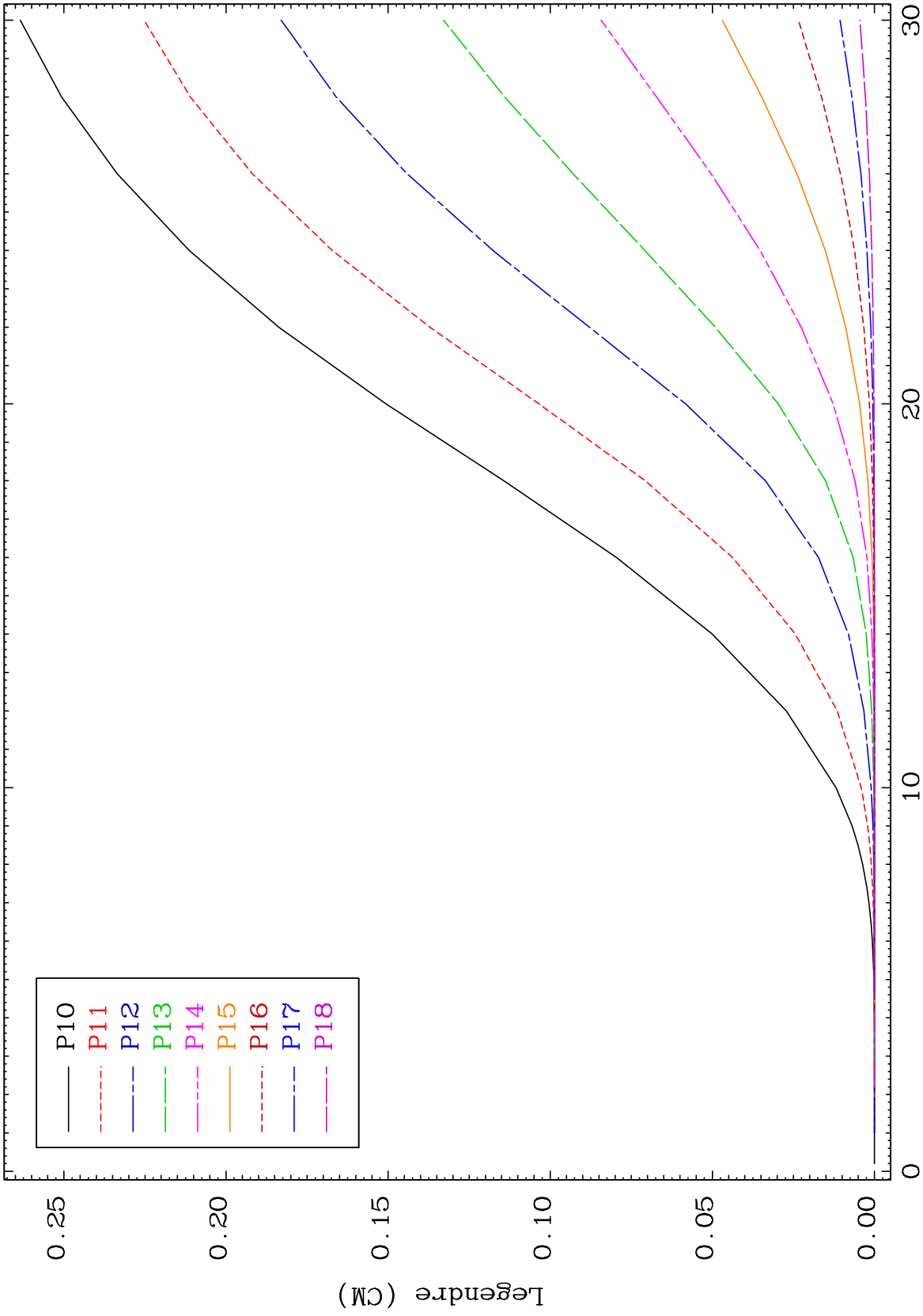
Incident Energy (MeV)

³⁶Kr-86

MAT 3649

Elastic Legendre Coefficients

36-Kr-86



17

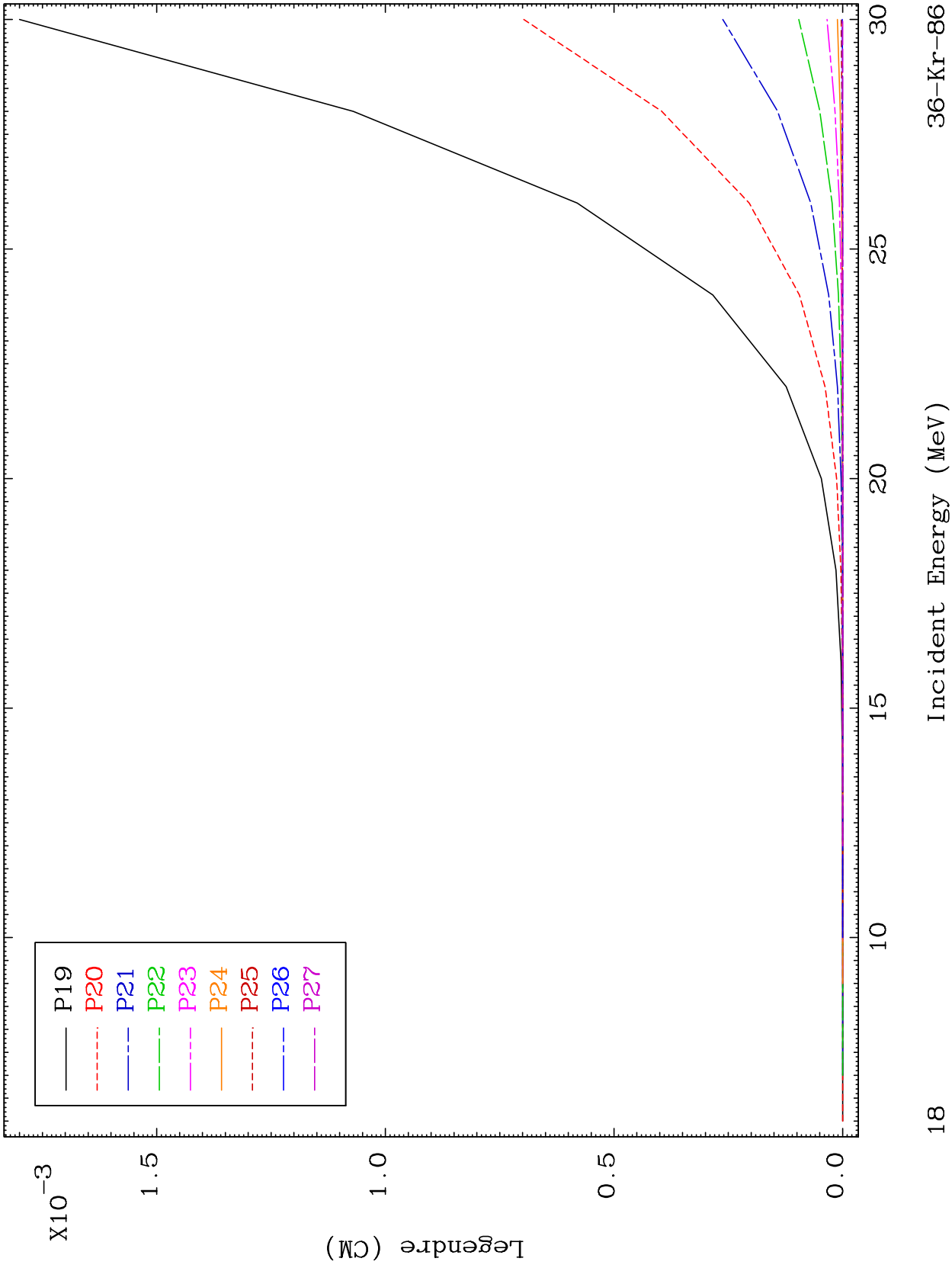
Incident Energy (MeV)

36-Kr-86

MAT 3649

Elastic Legendre Coefficients

36-Kr-86



18

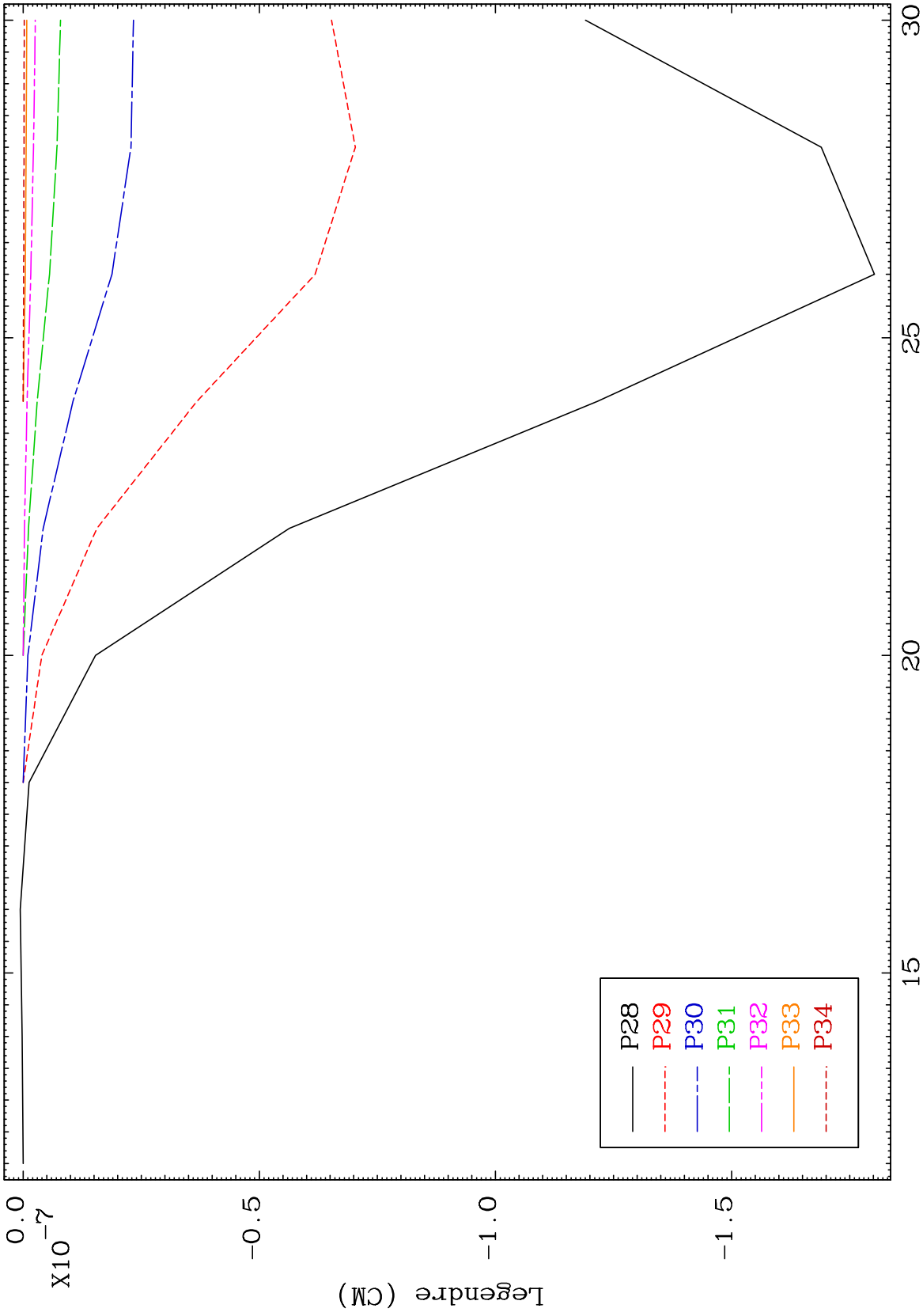
Incident Energy (MeV)

36-Kr-86

MAT 3649

36-Kr-86

Elastic Legendre Coefficients



19

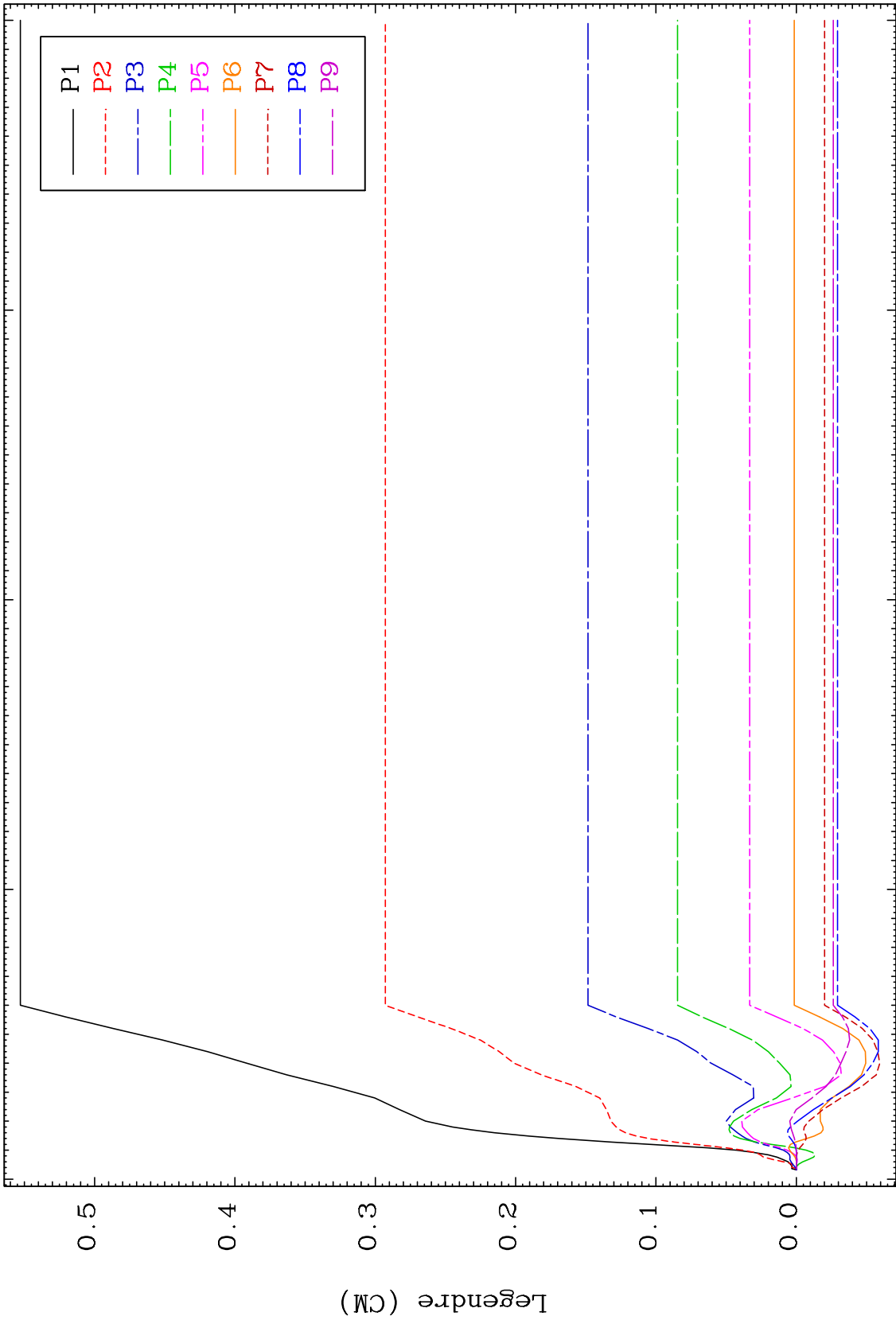
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



36-Kr-86

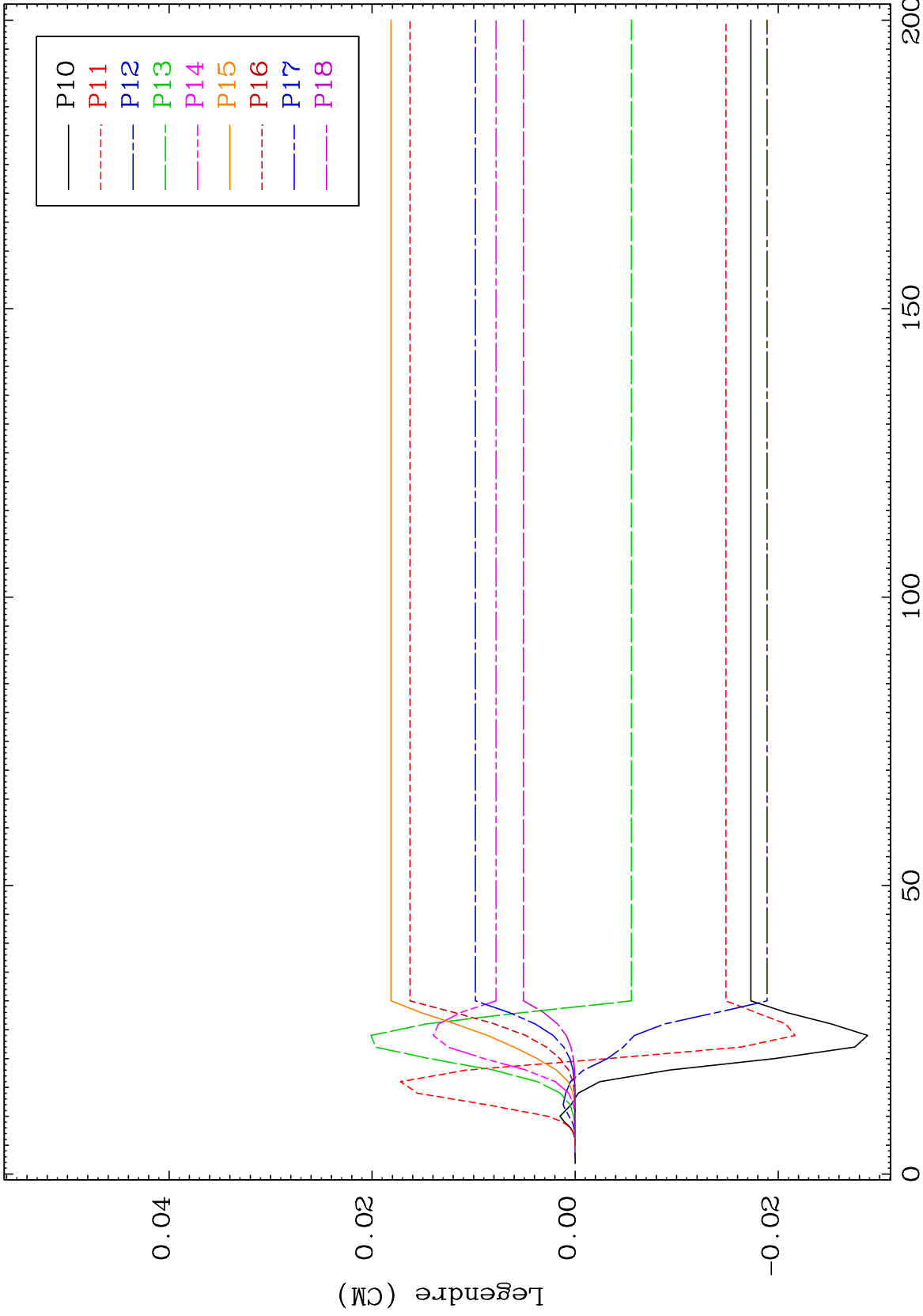
Incident Energy (MeV)

Legendre (CM)

MAT 3649

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

36-Kr-86



21

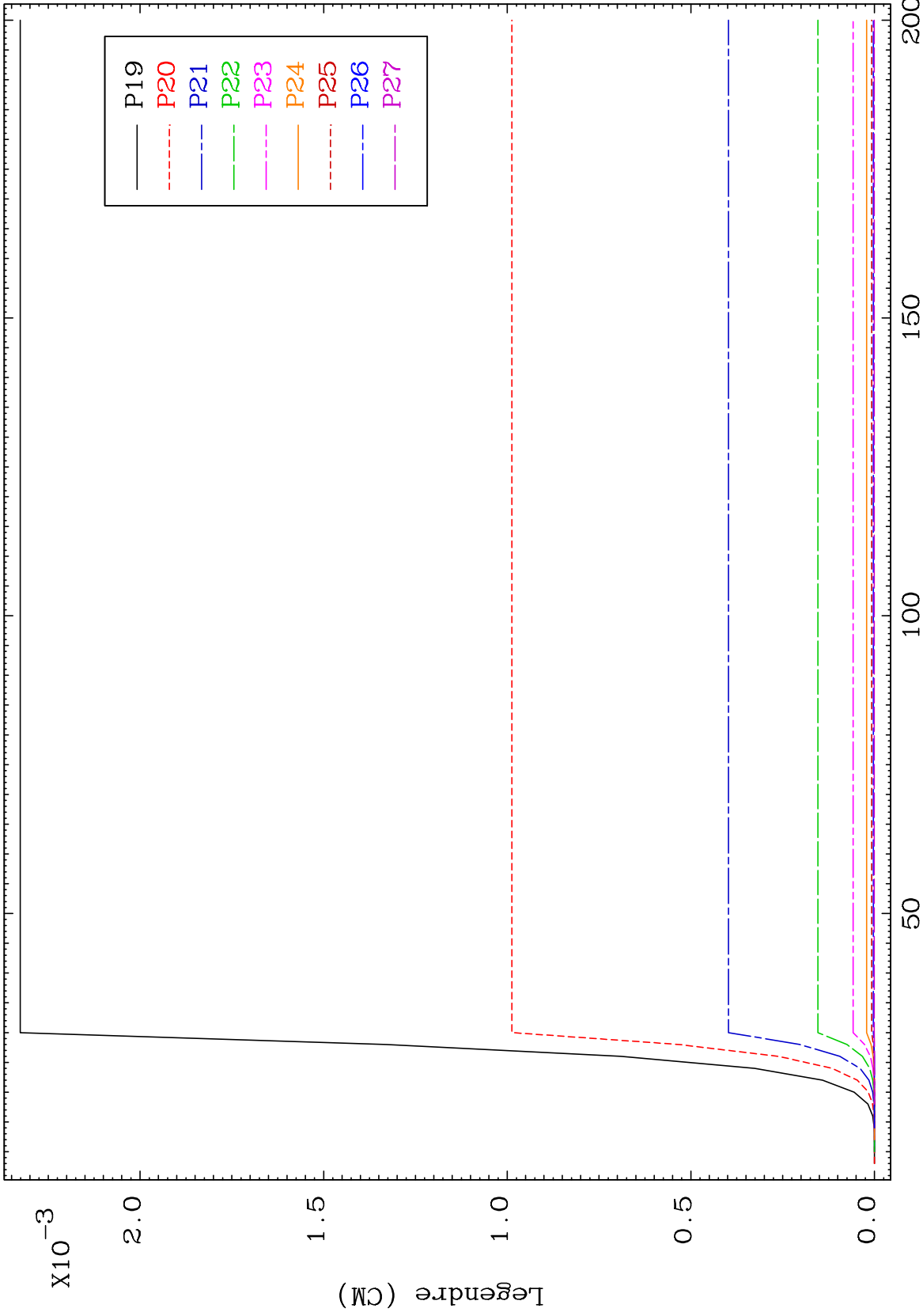
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



22

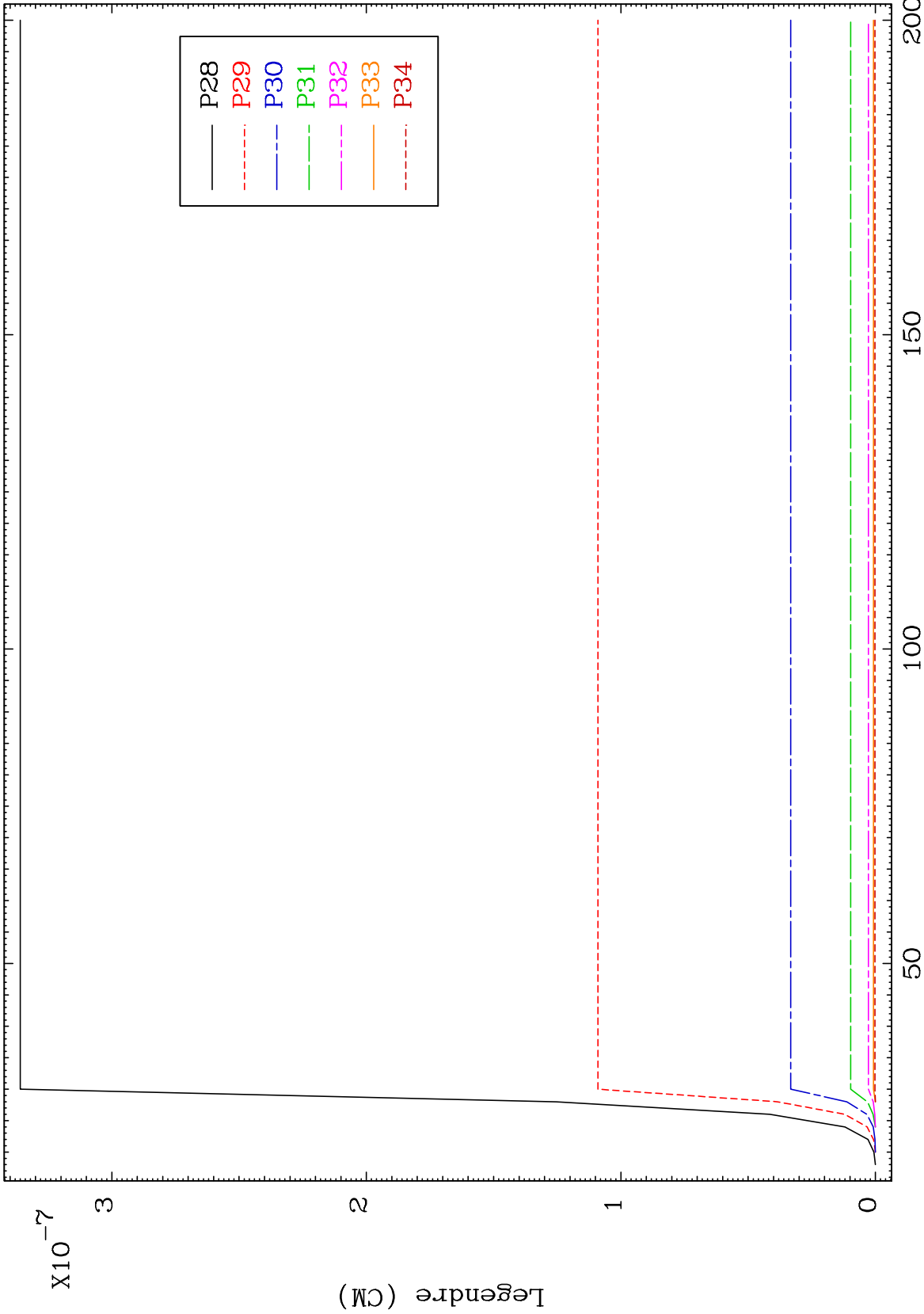
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



23

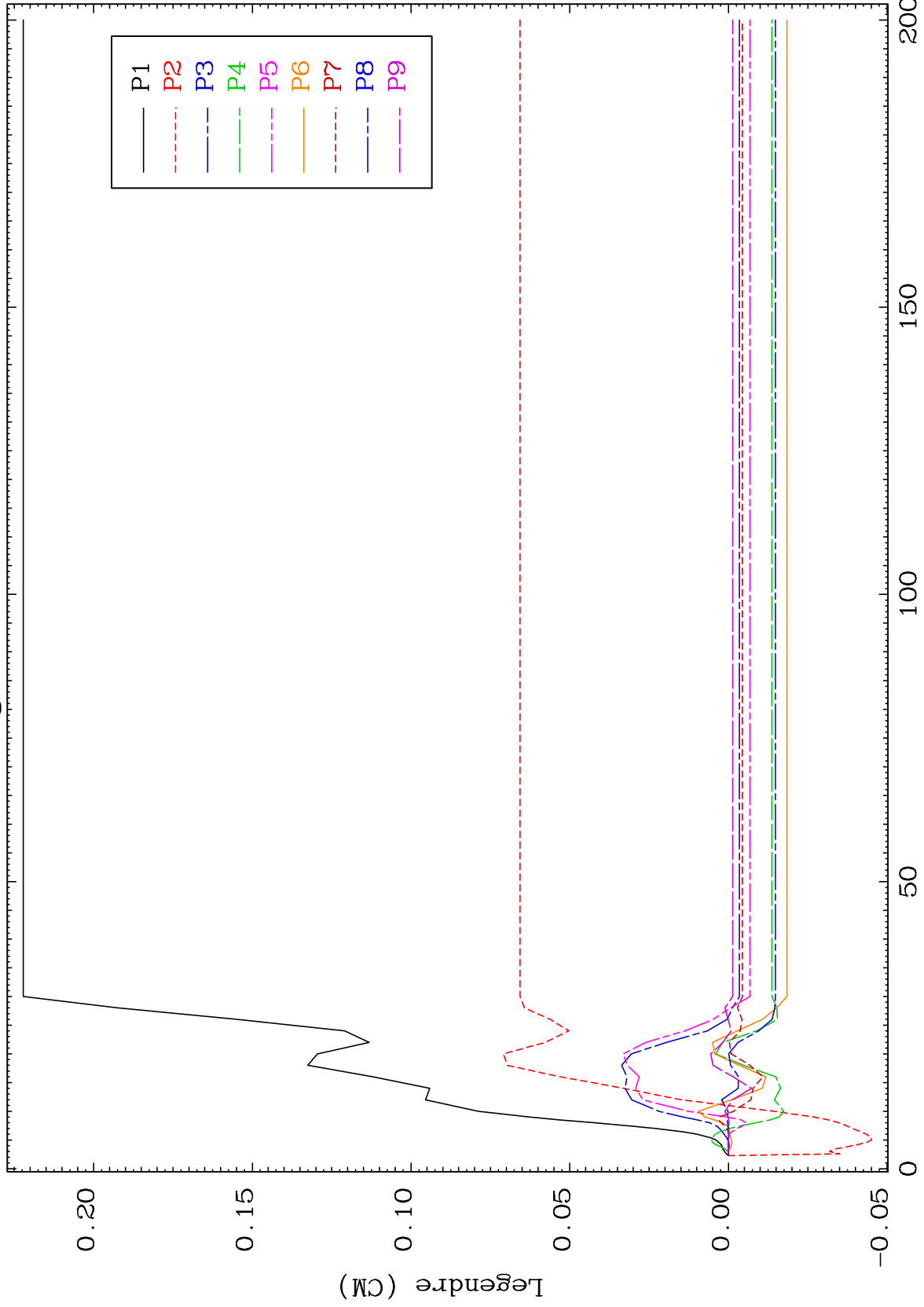
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



24

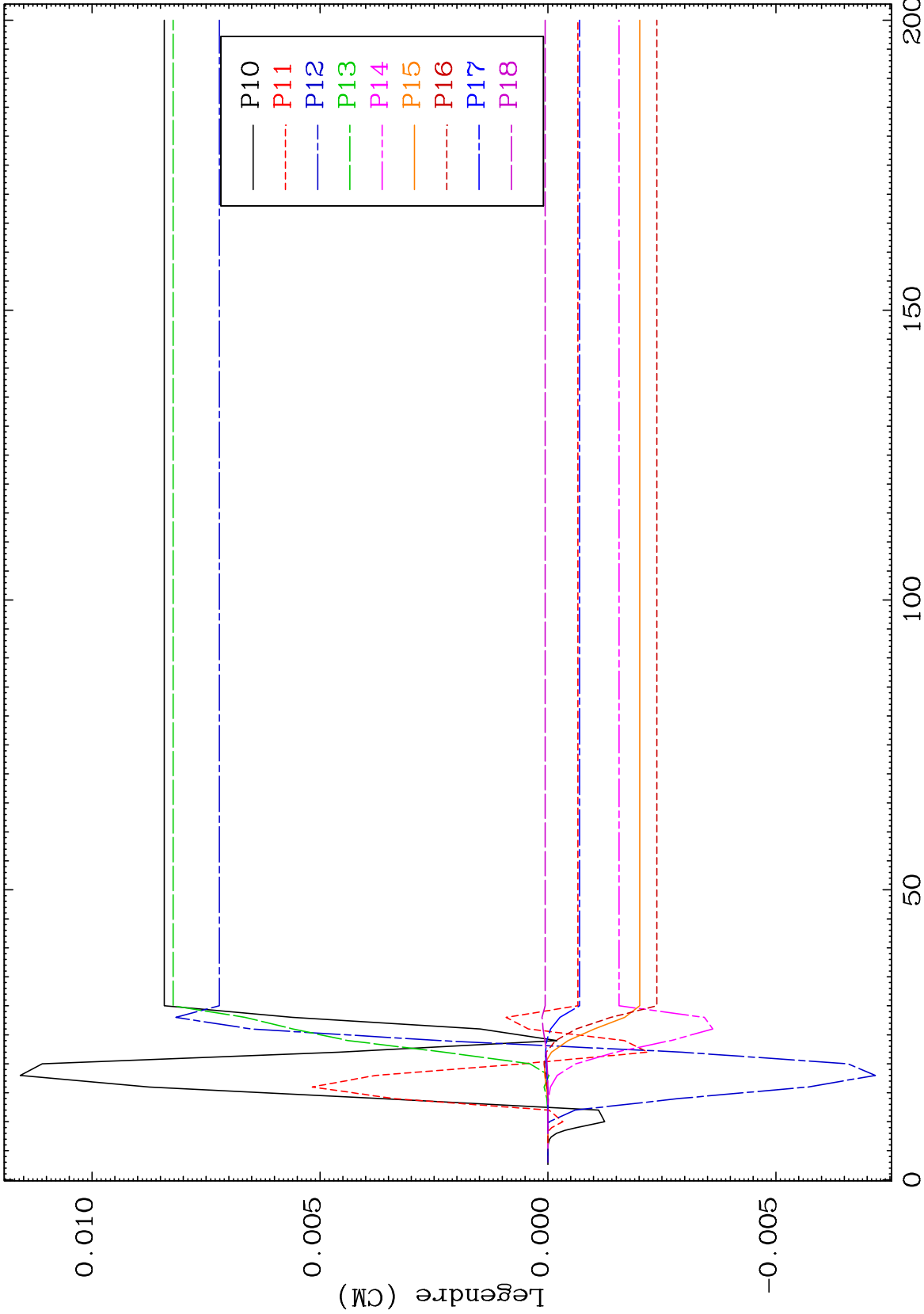
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



25

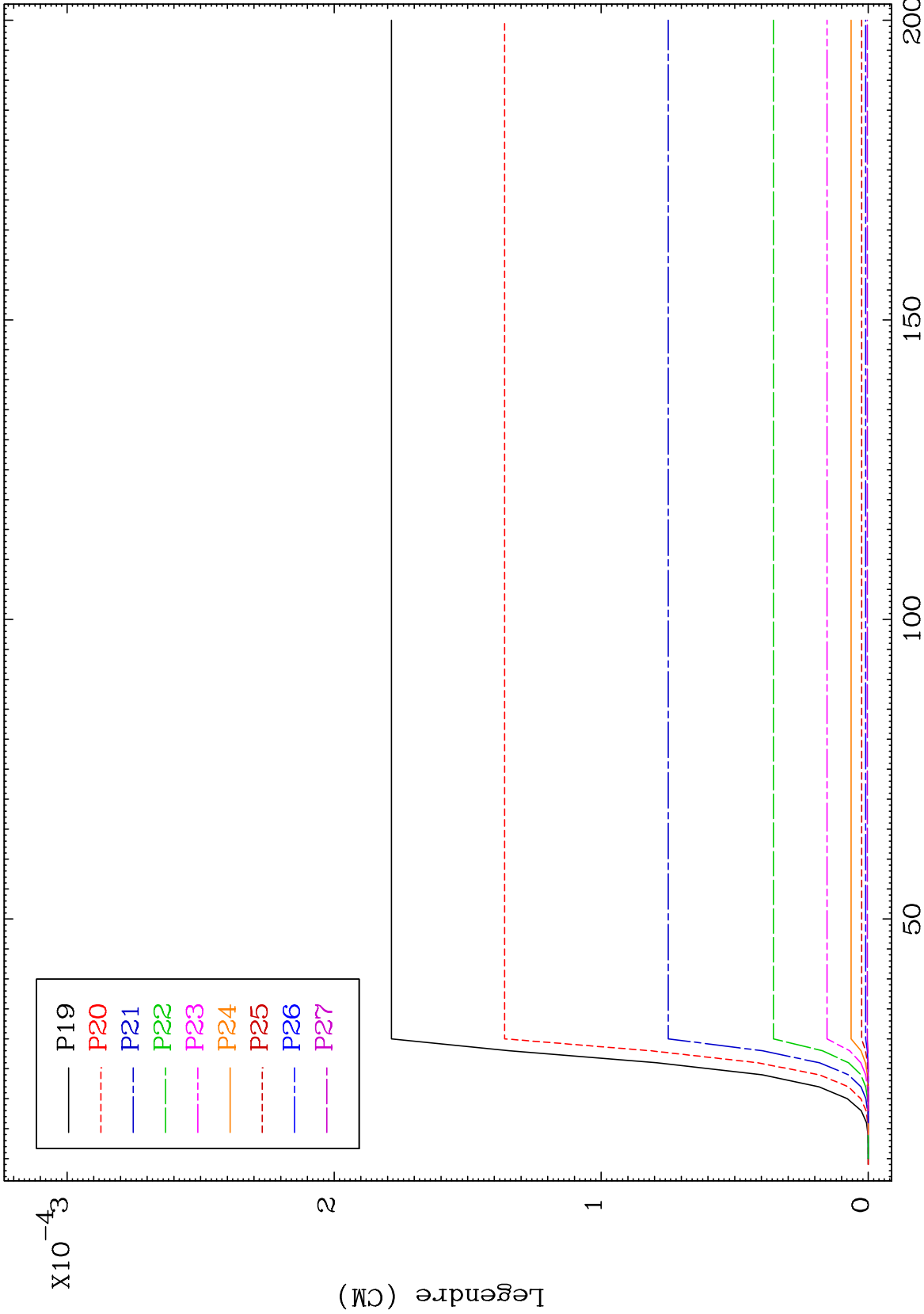
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



26

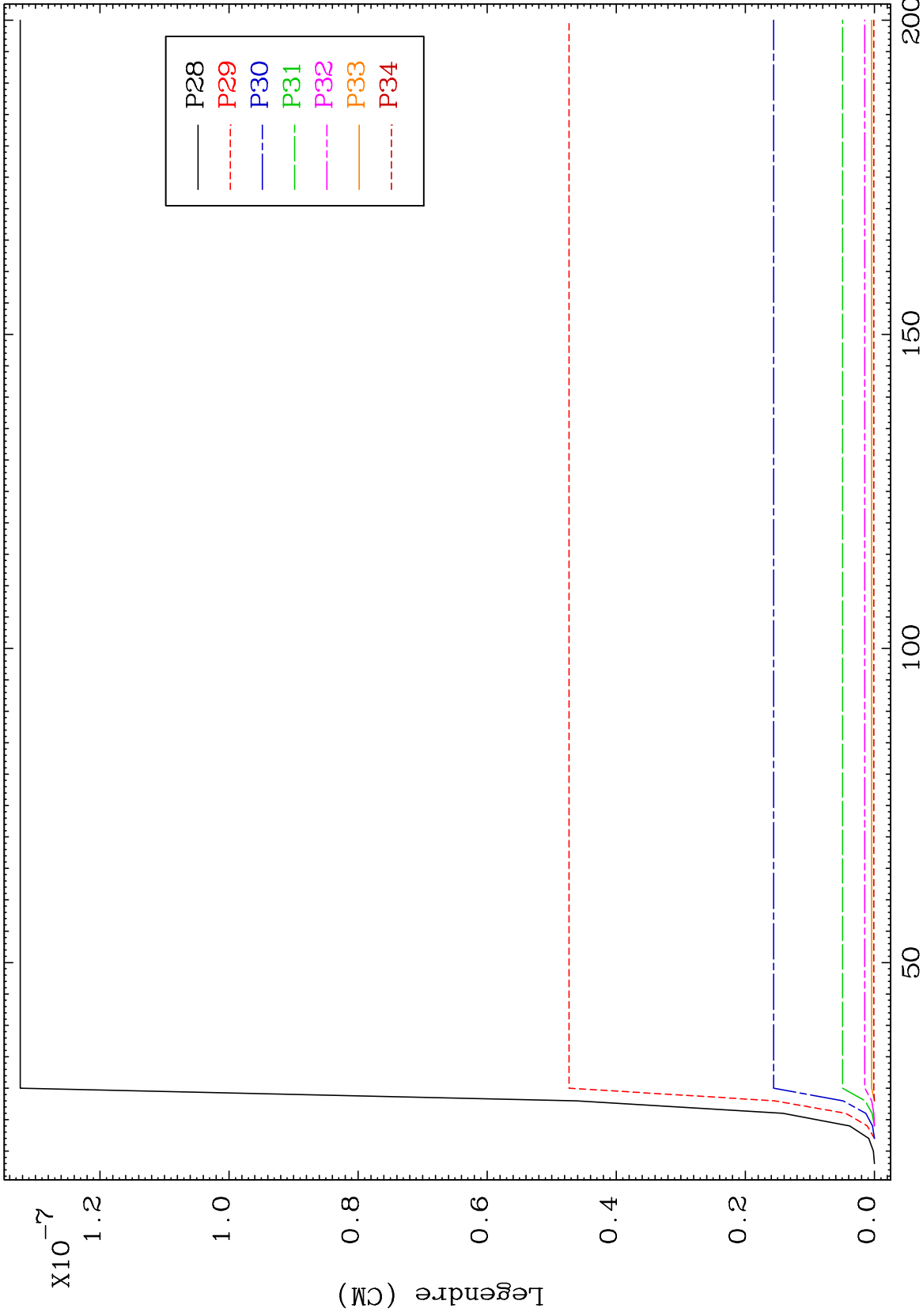
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



27

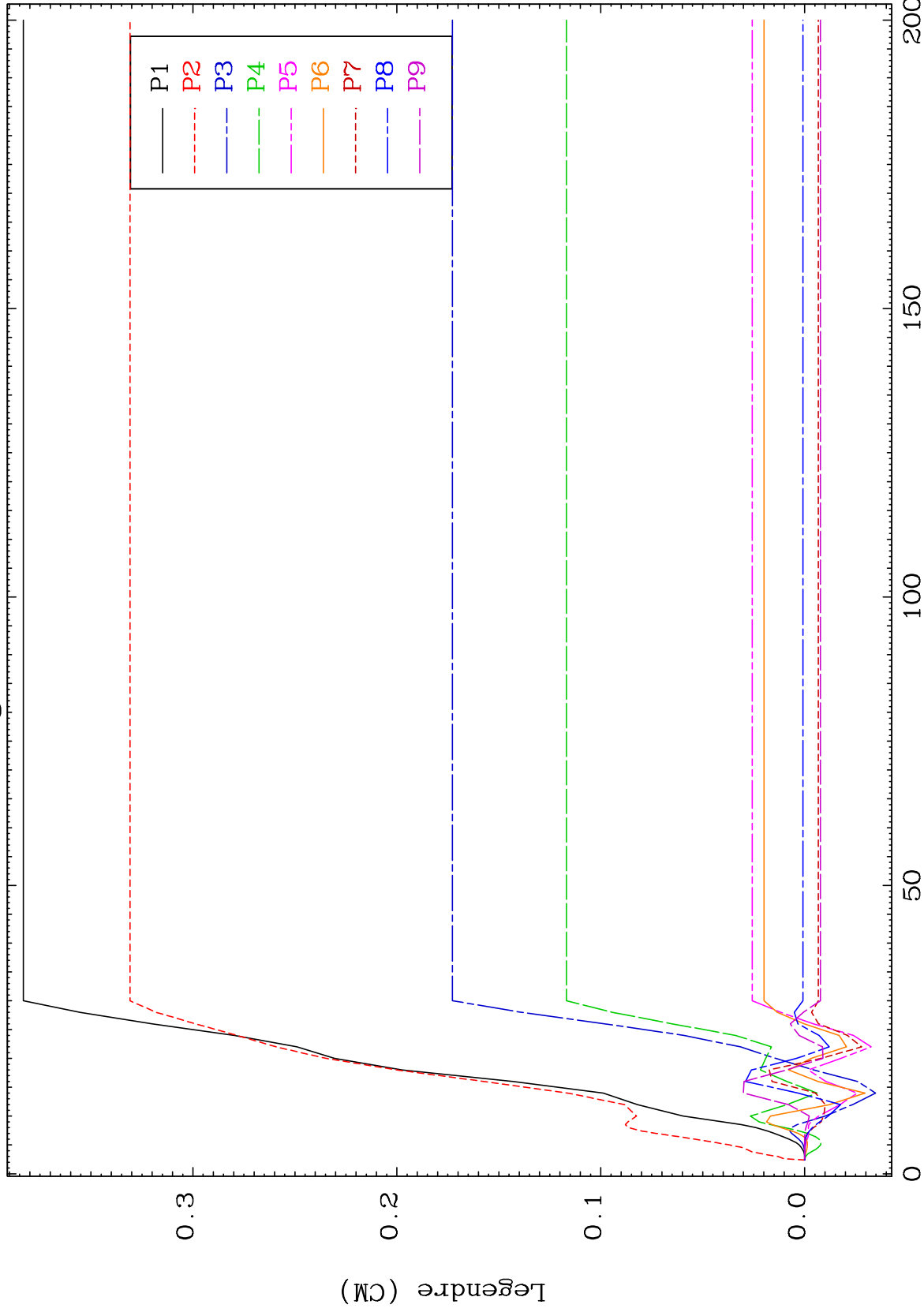
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



28

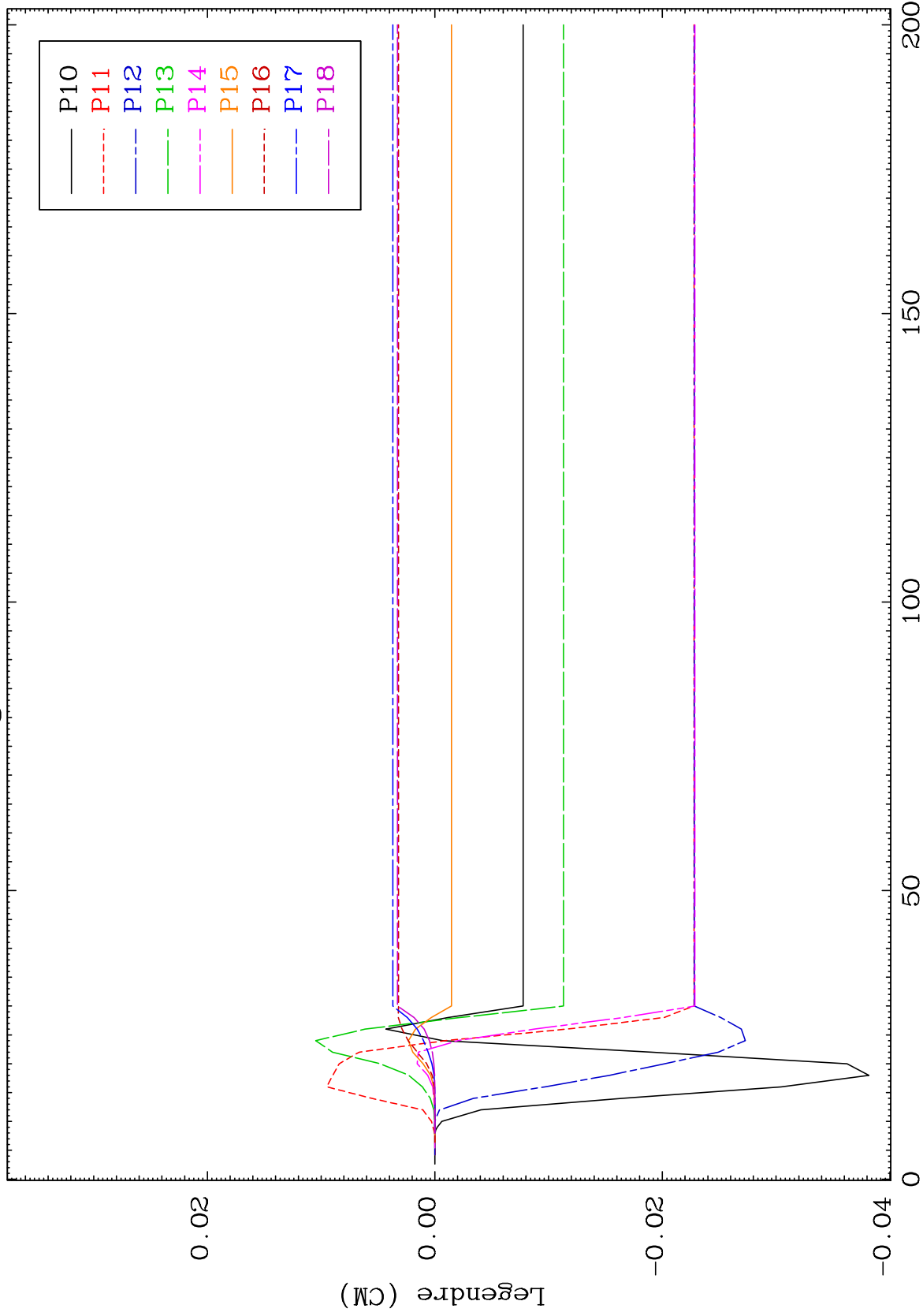
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



29

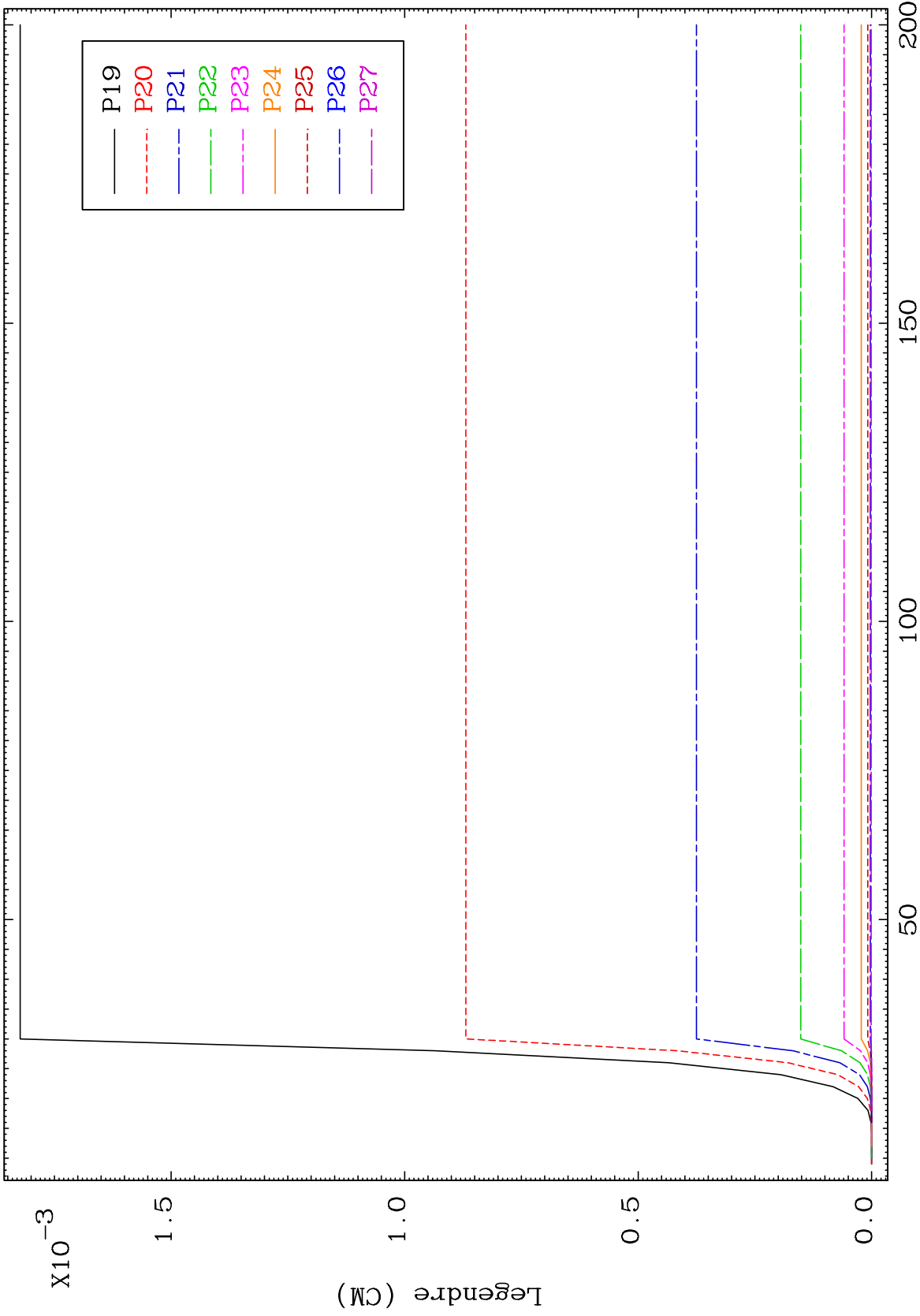
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



30

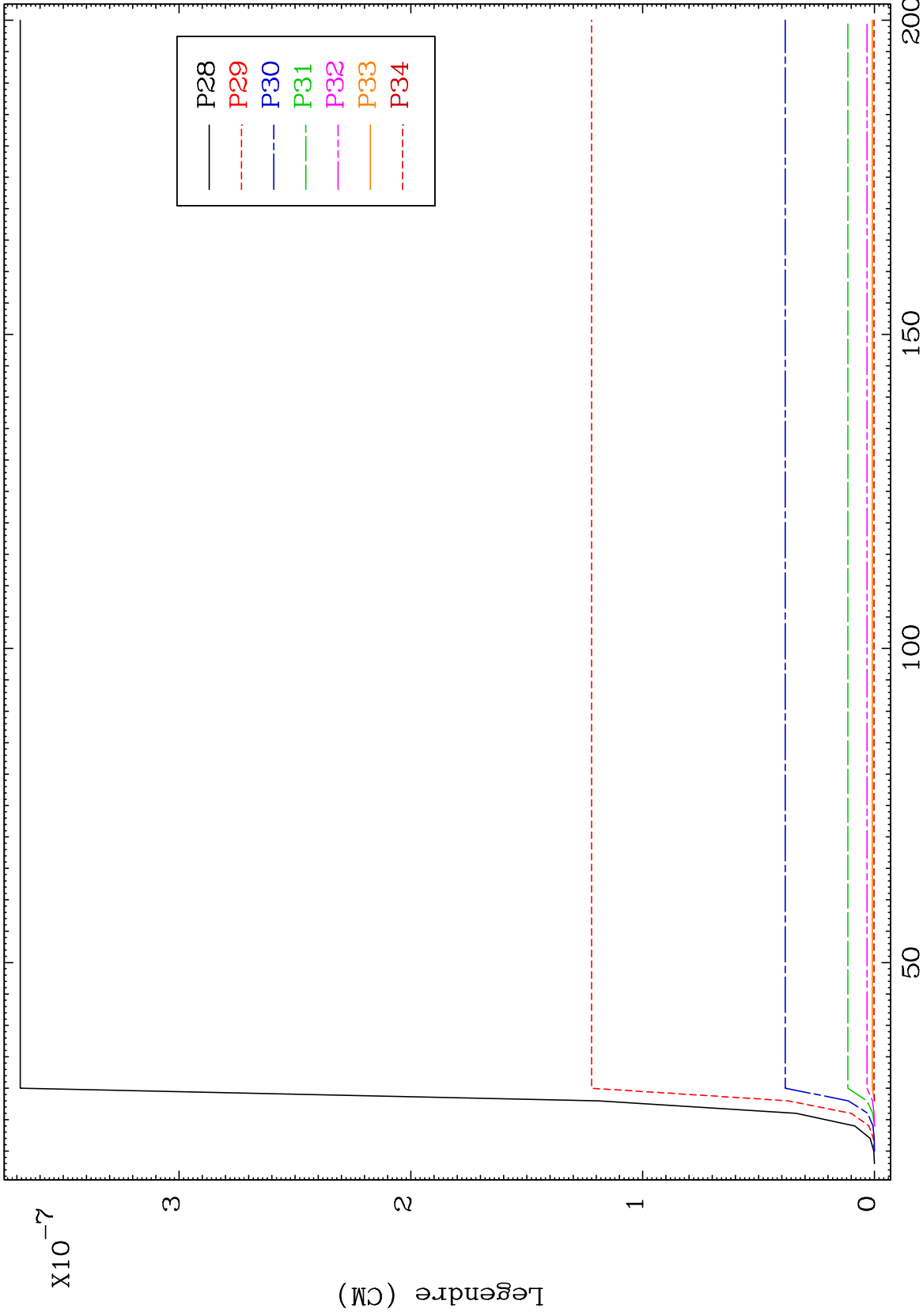
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



31

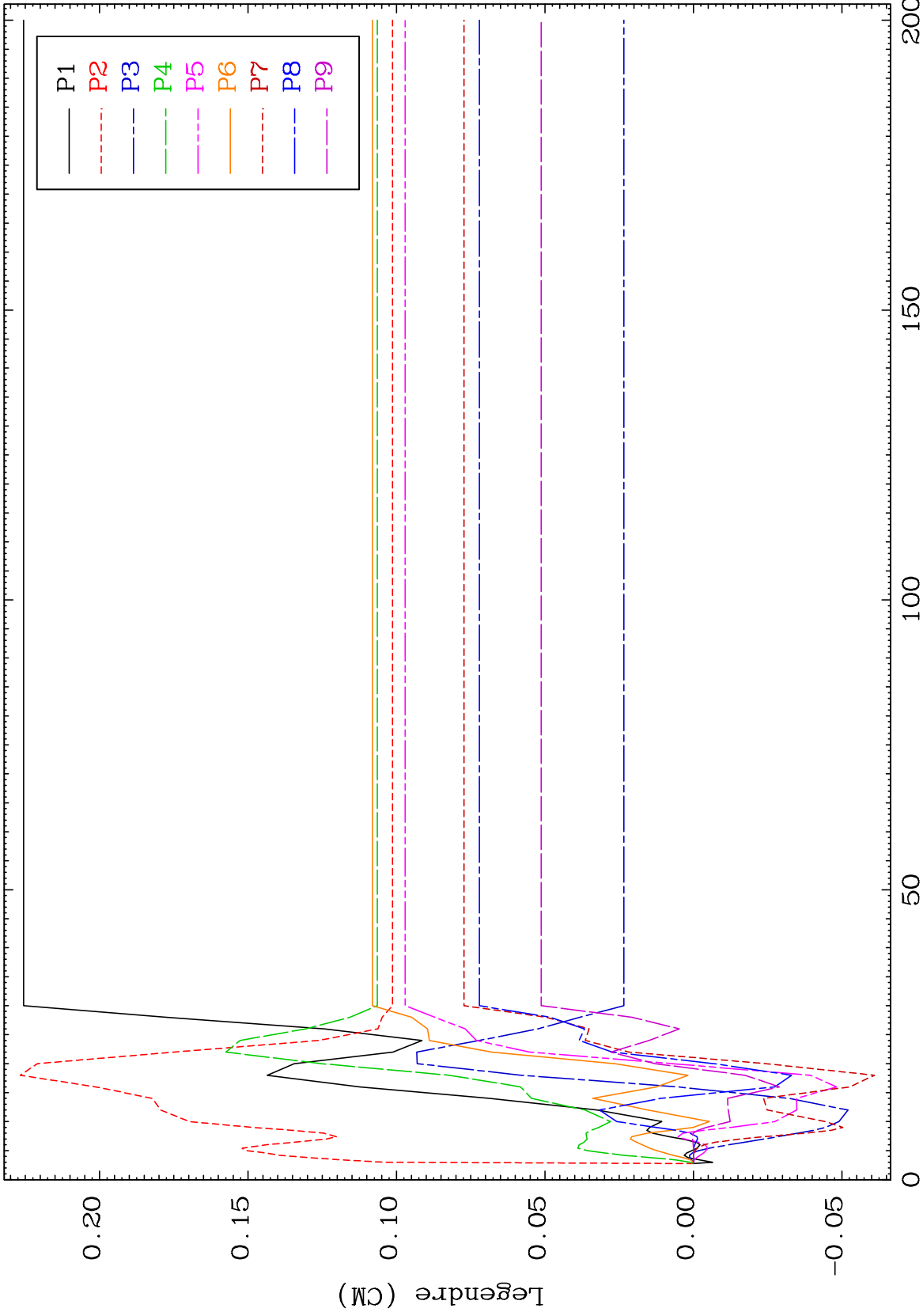
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



32

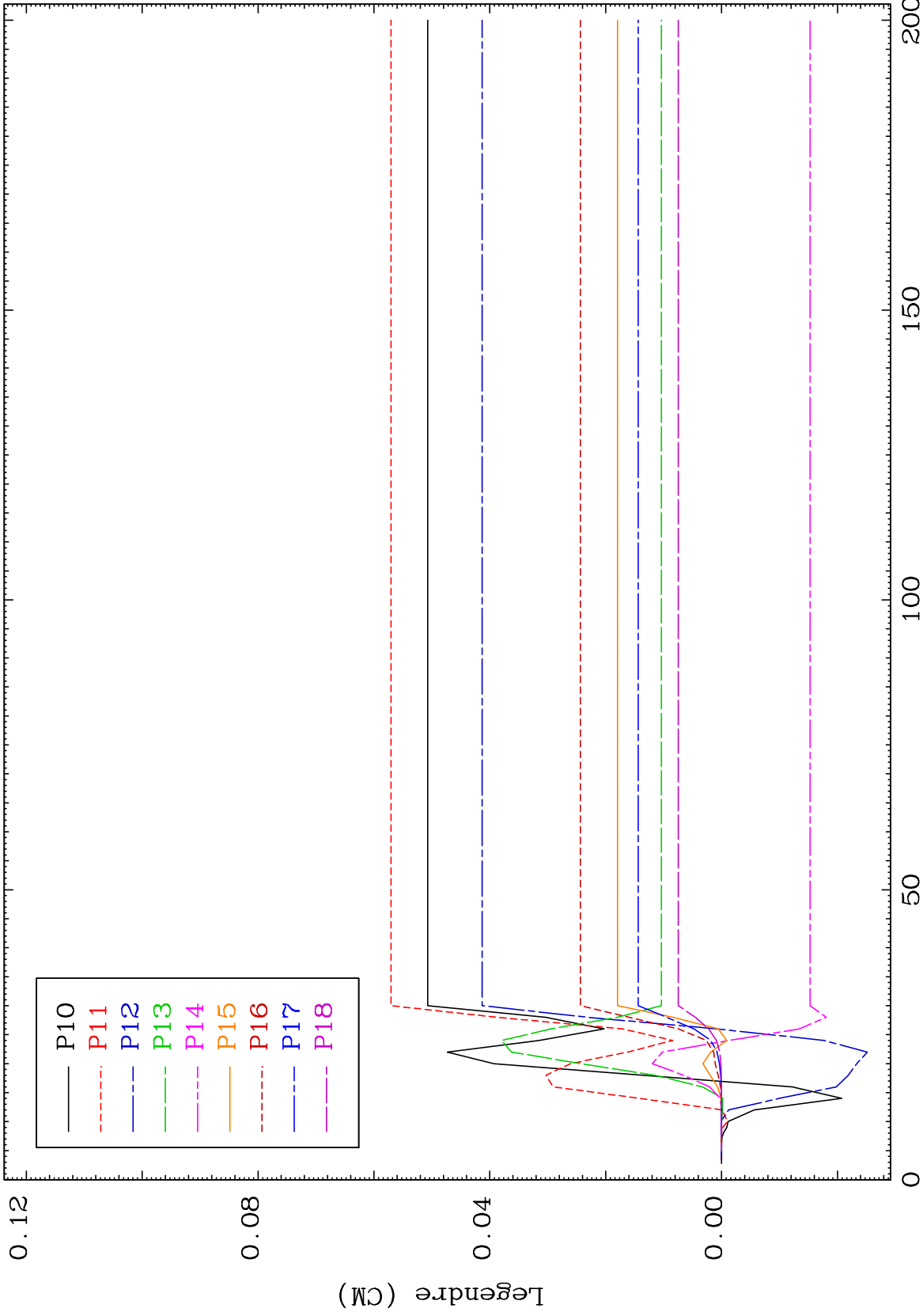
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



33

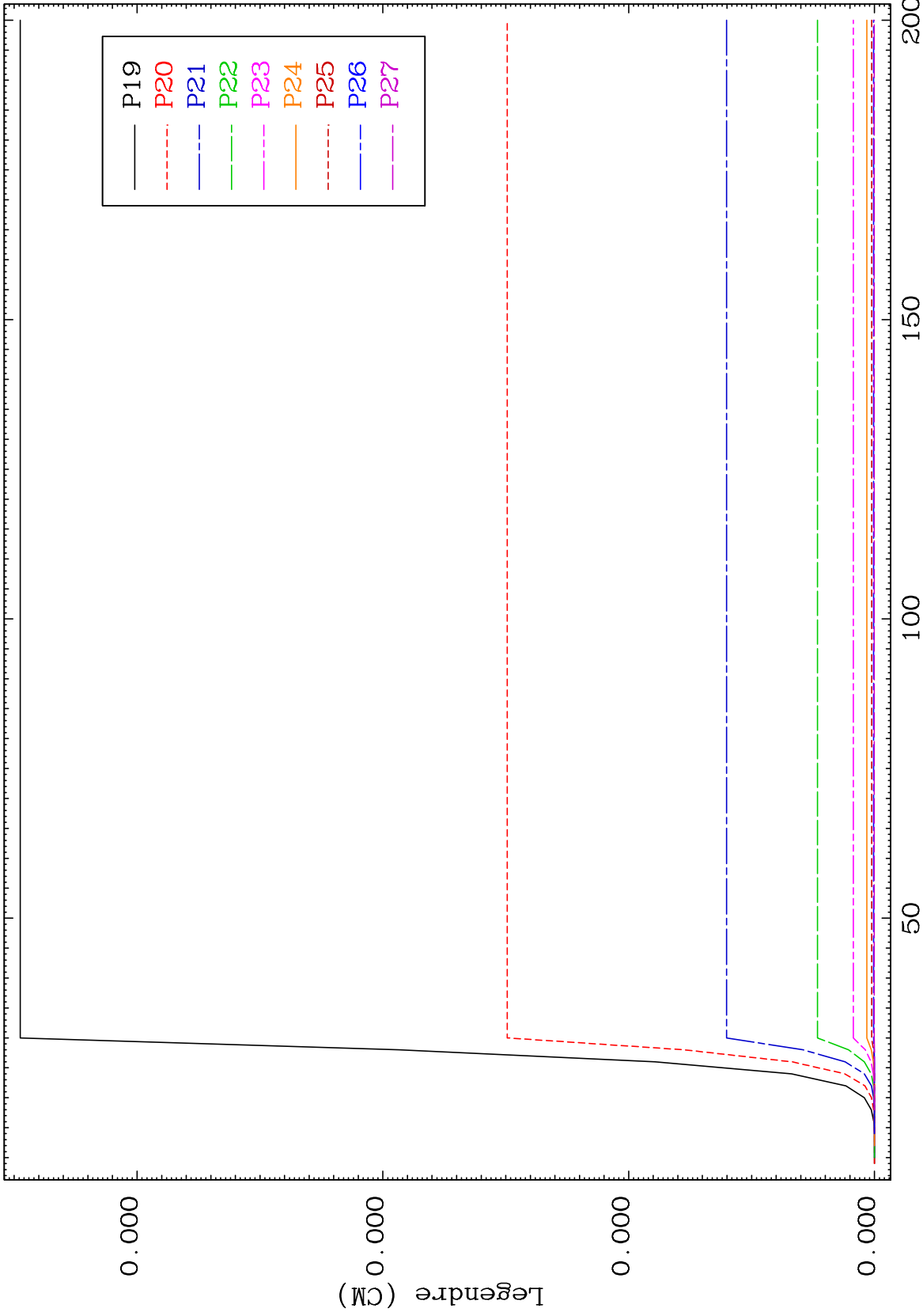
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



34

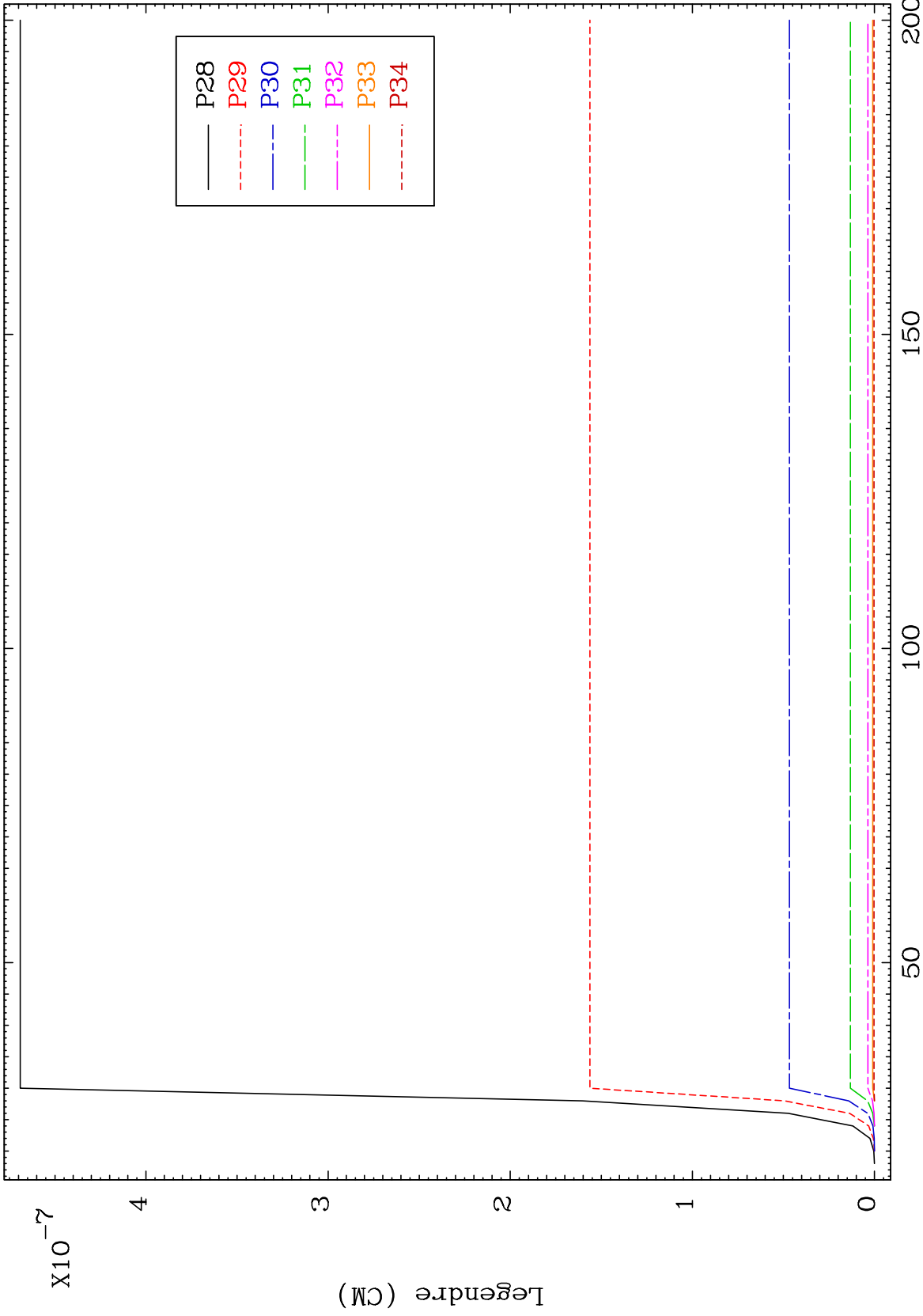
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



35

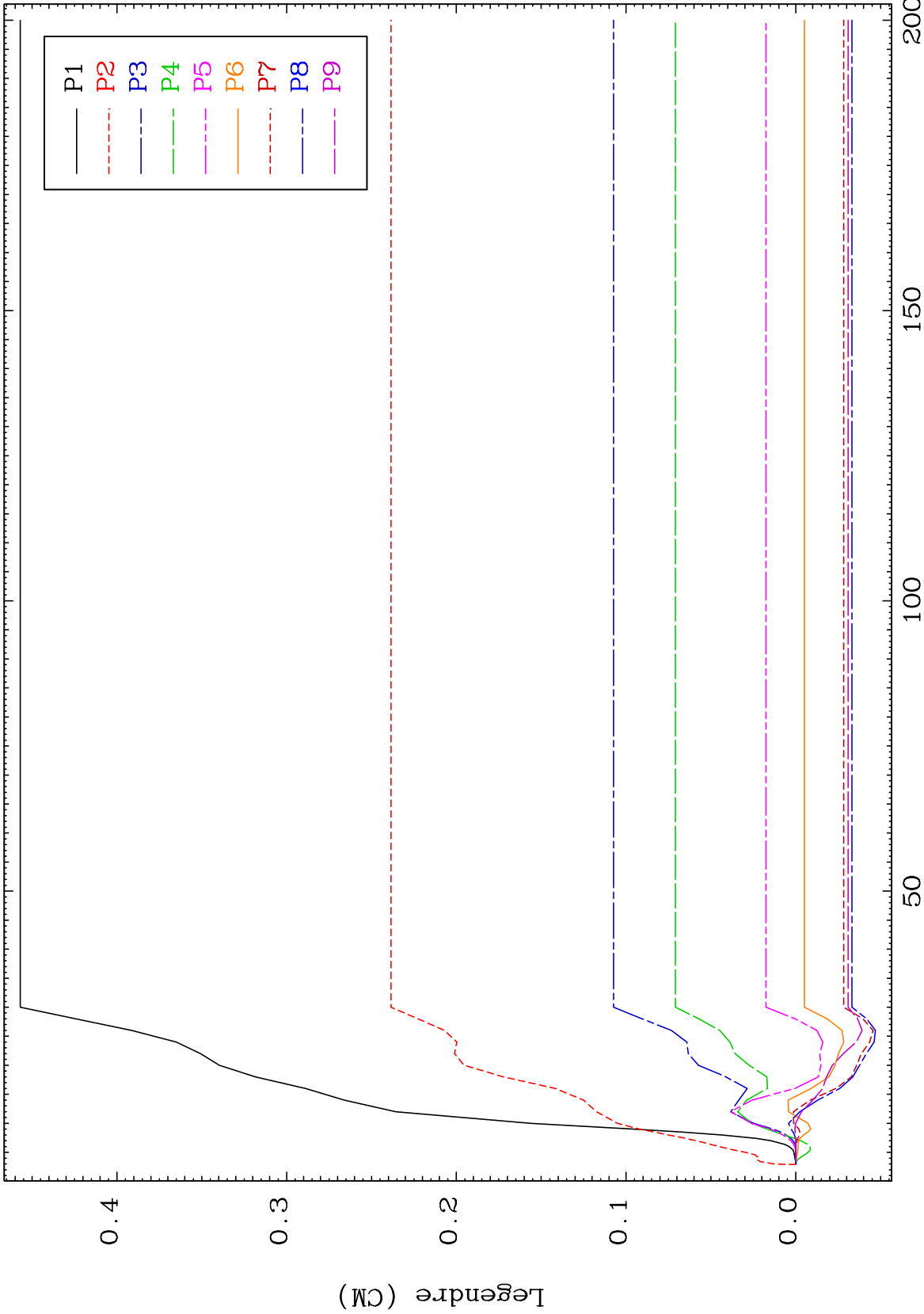
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



36

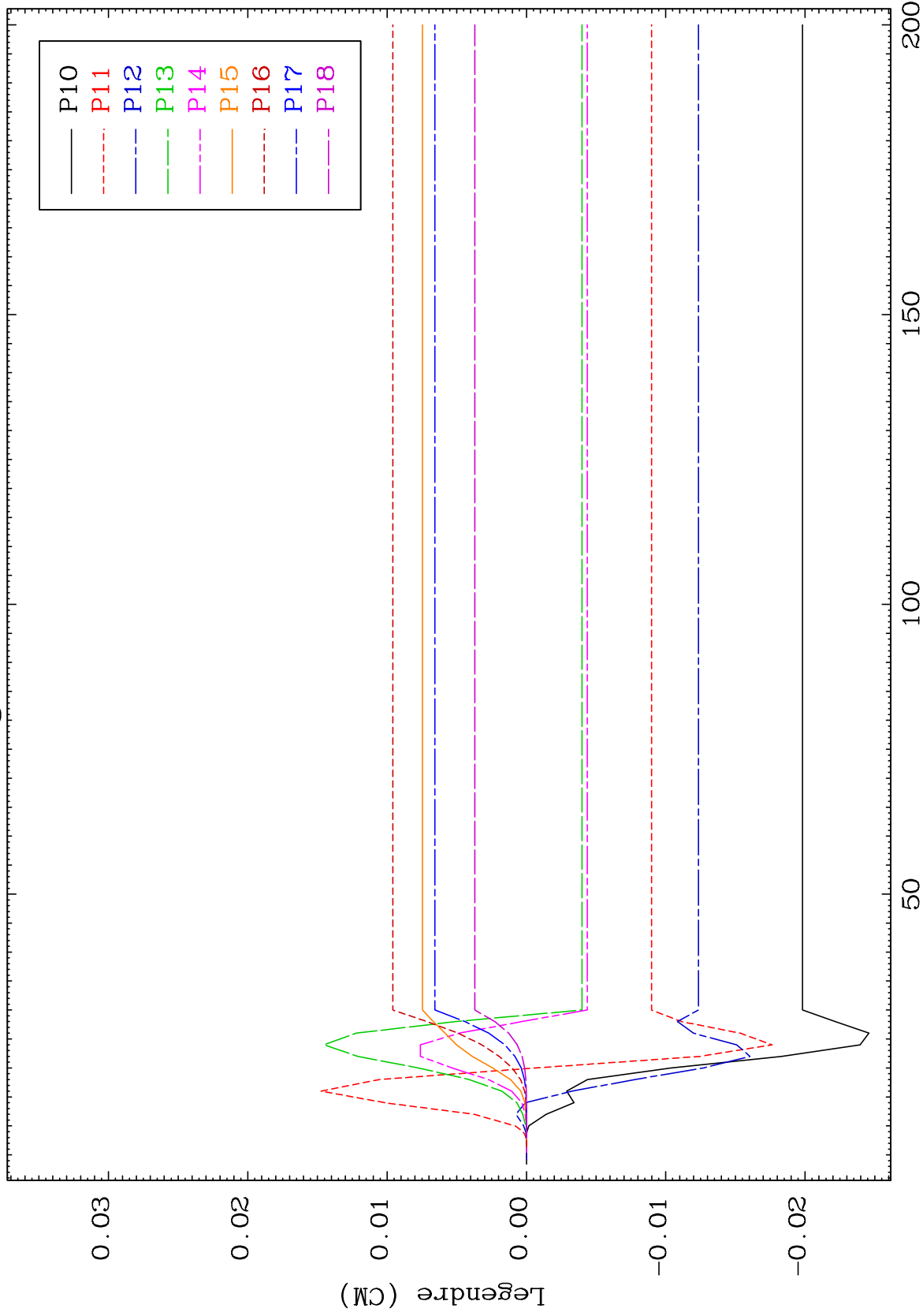
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



37

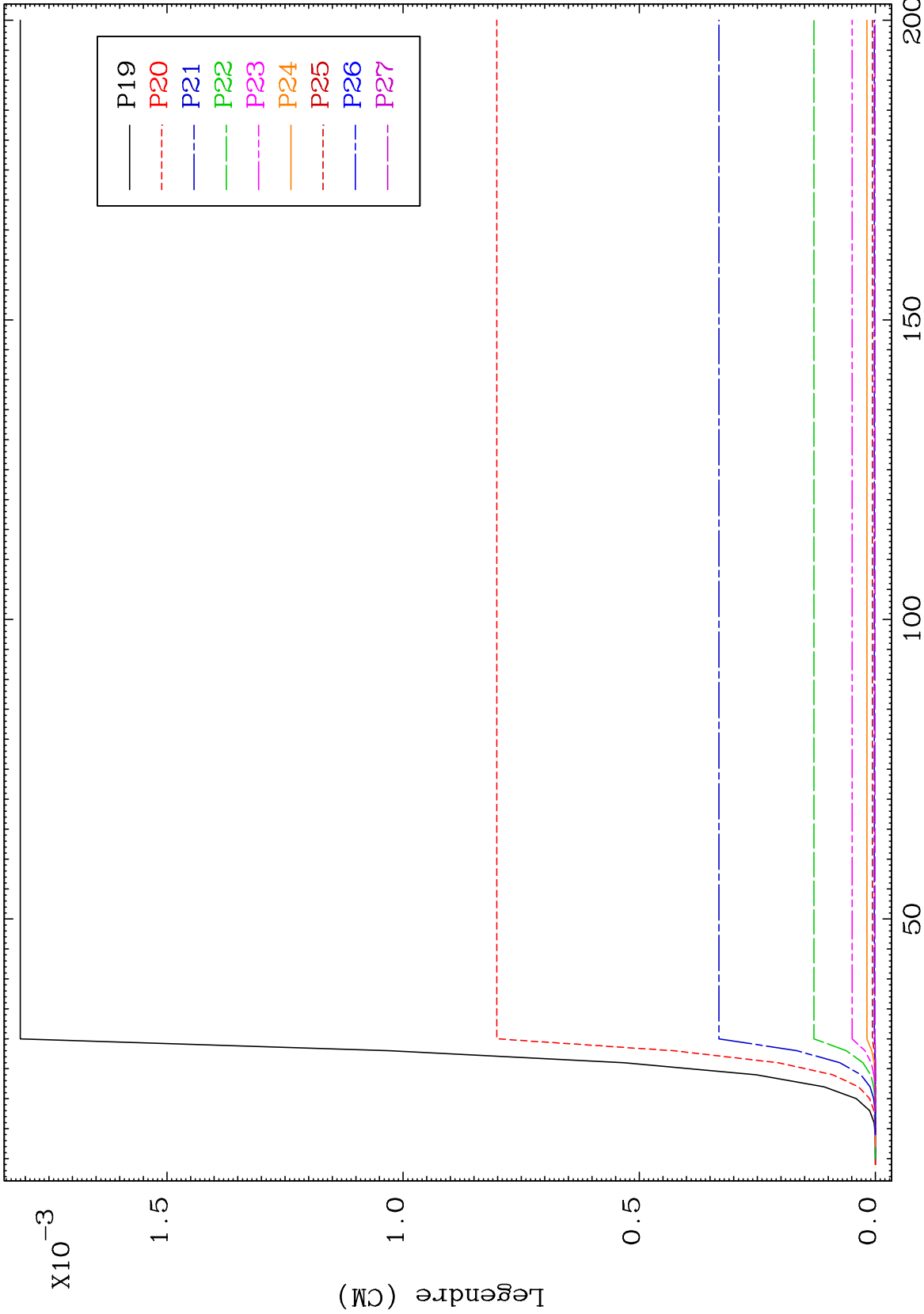
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



38

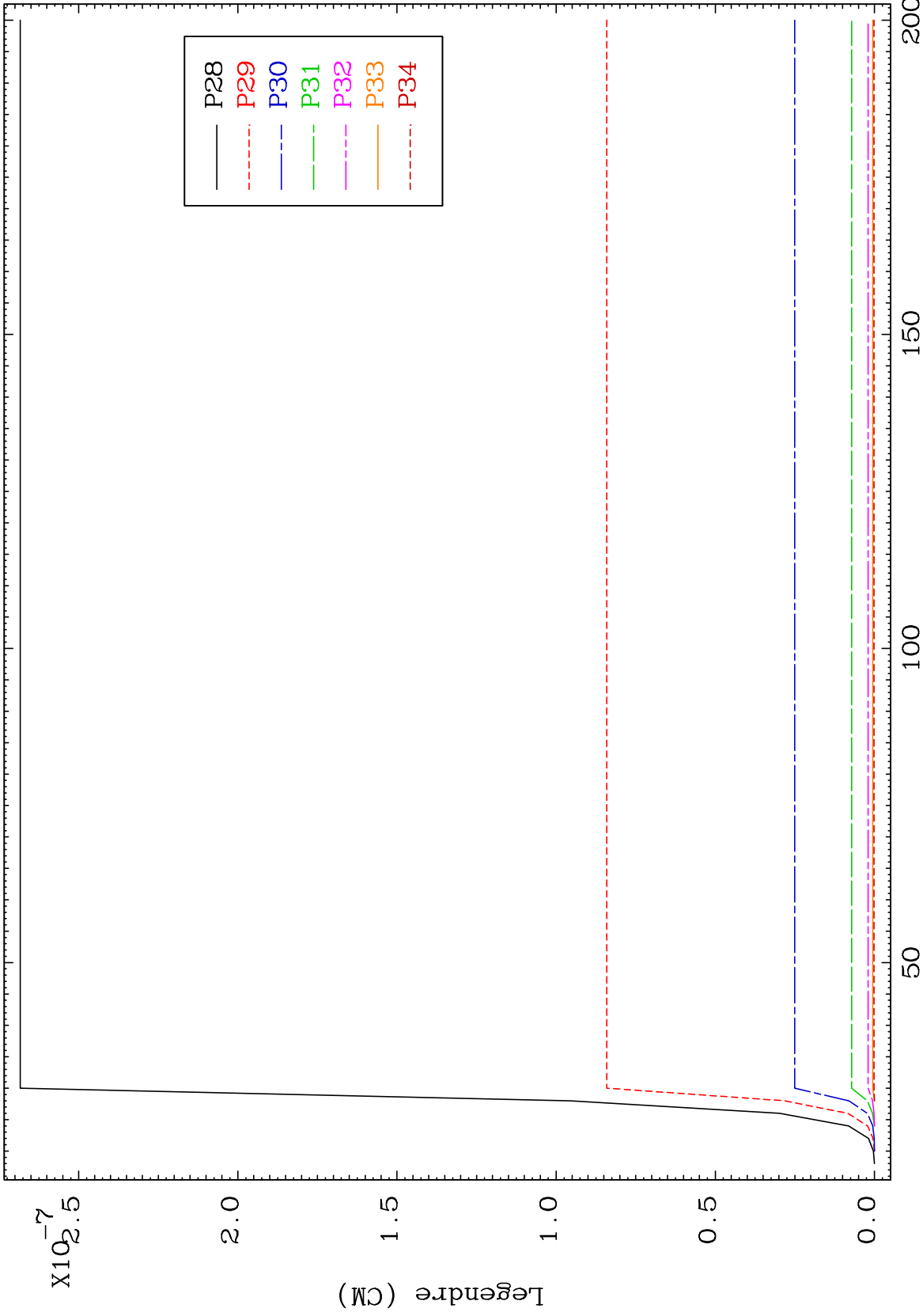
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



39

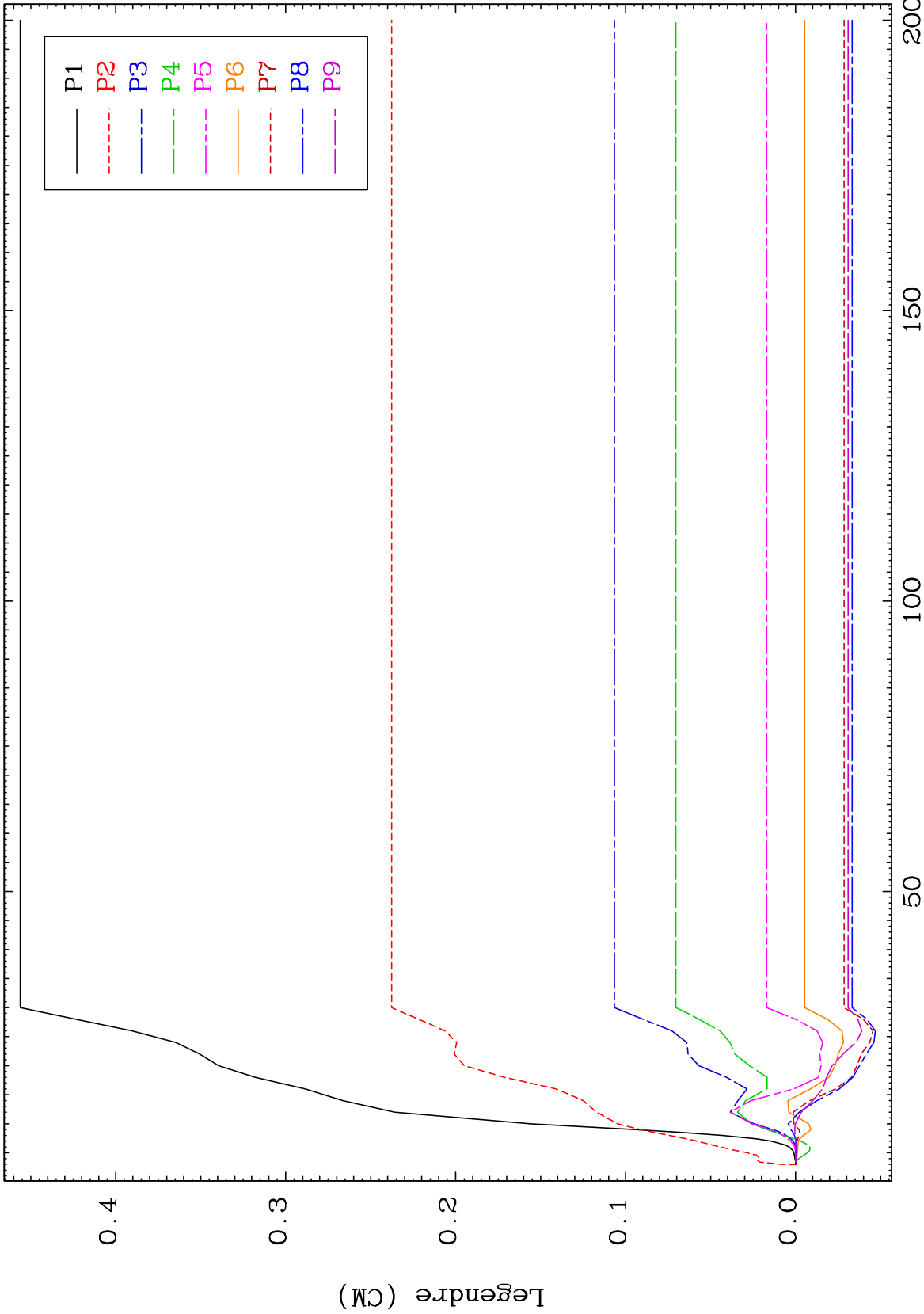
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



40

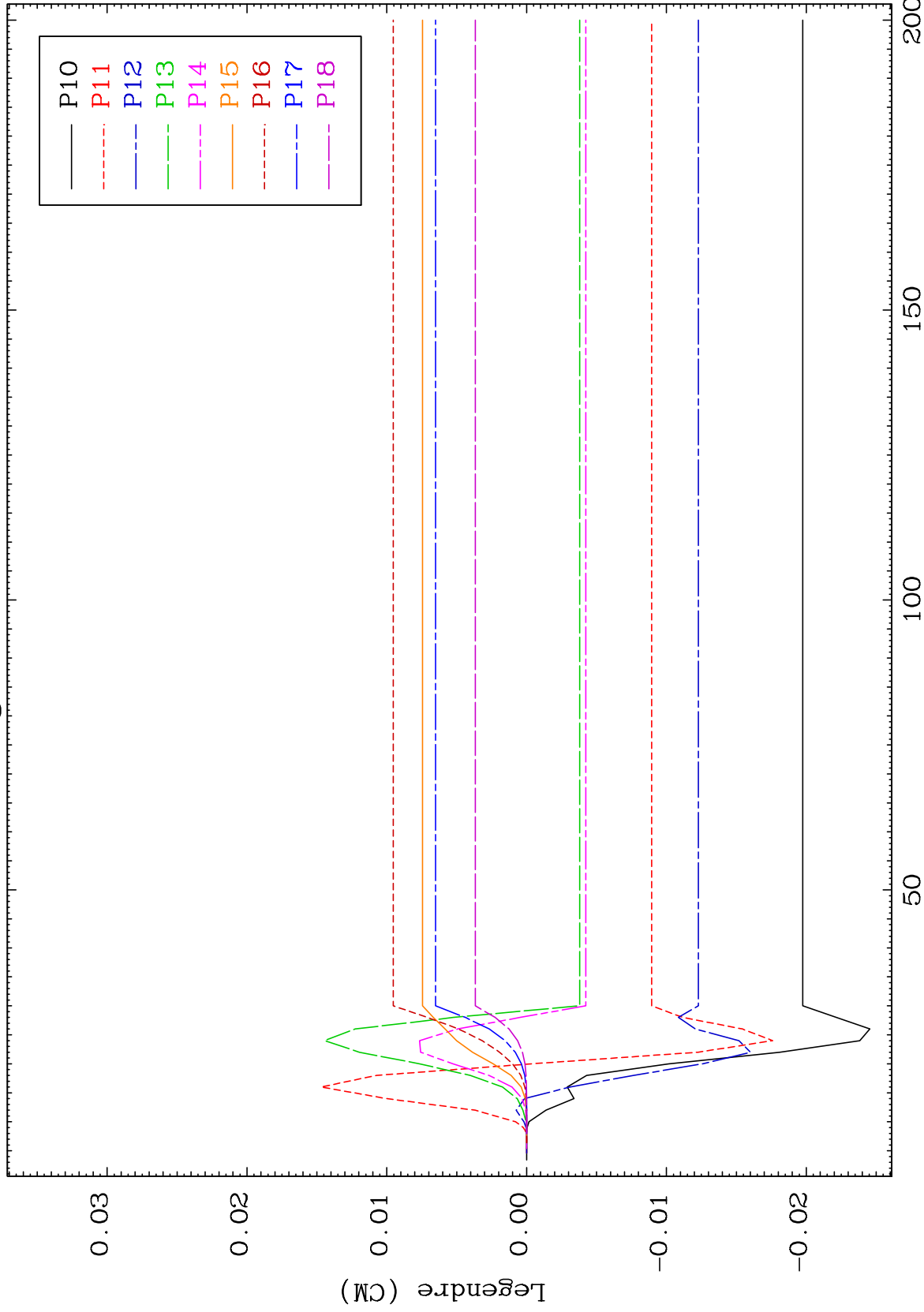
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



41

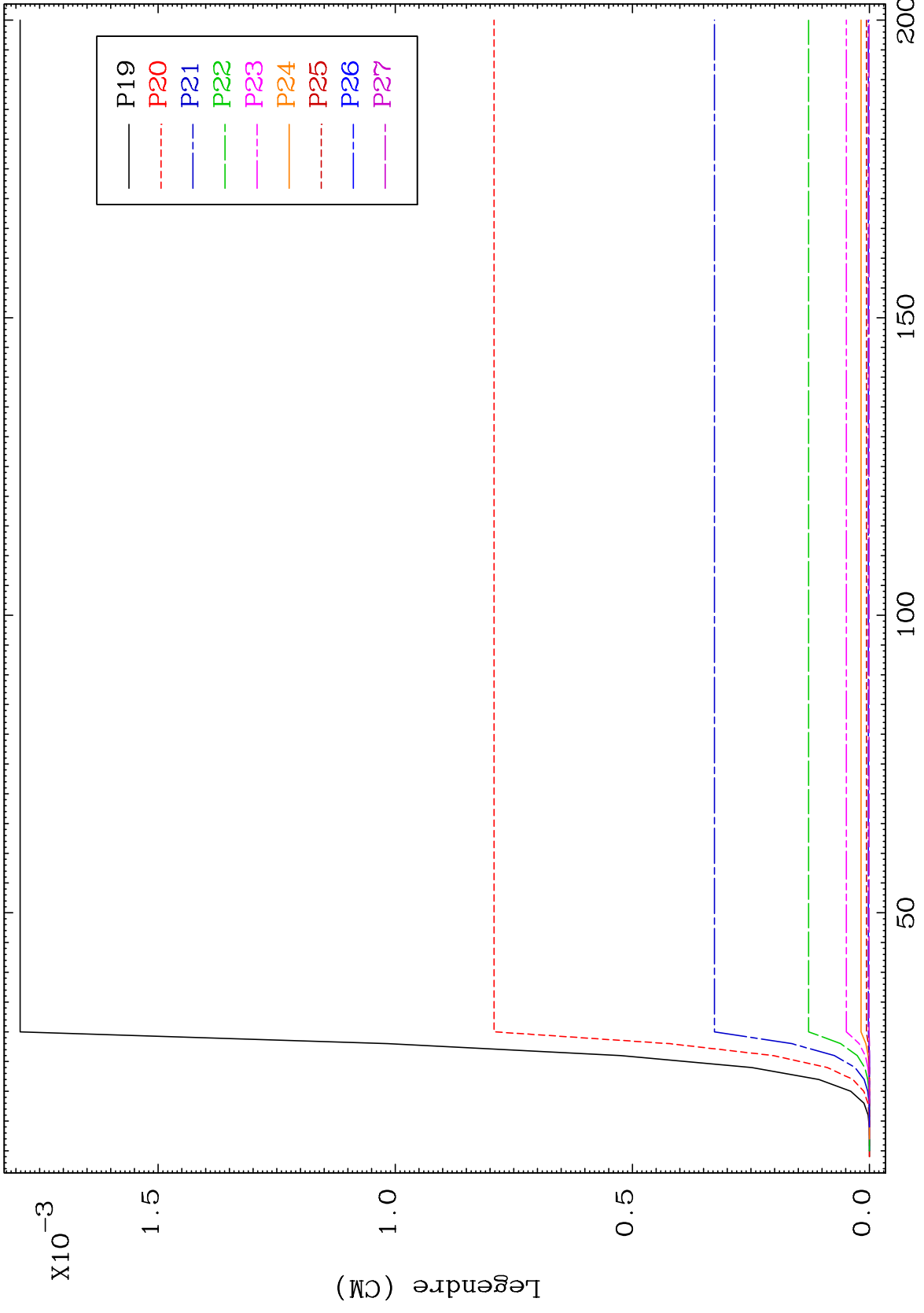
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



42

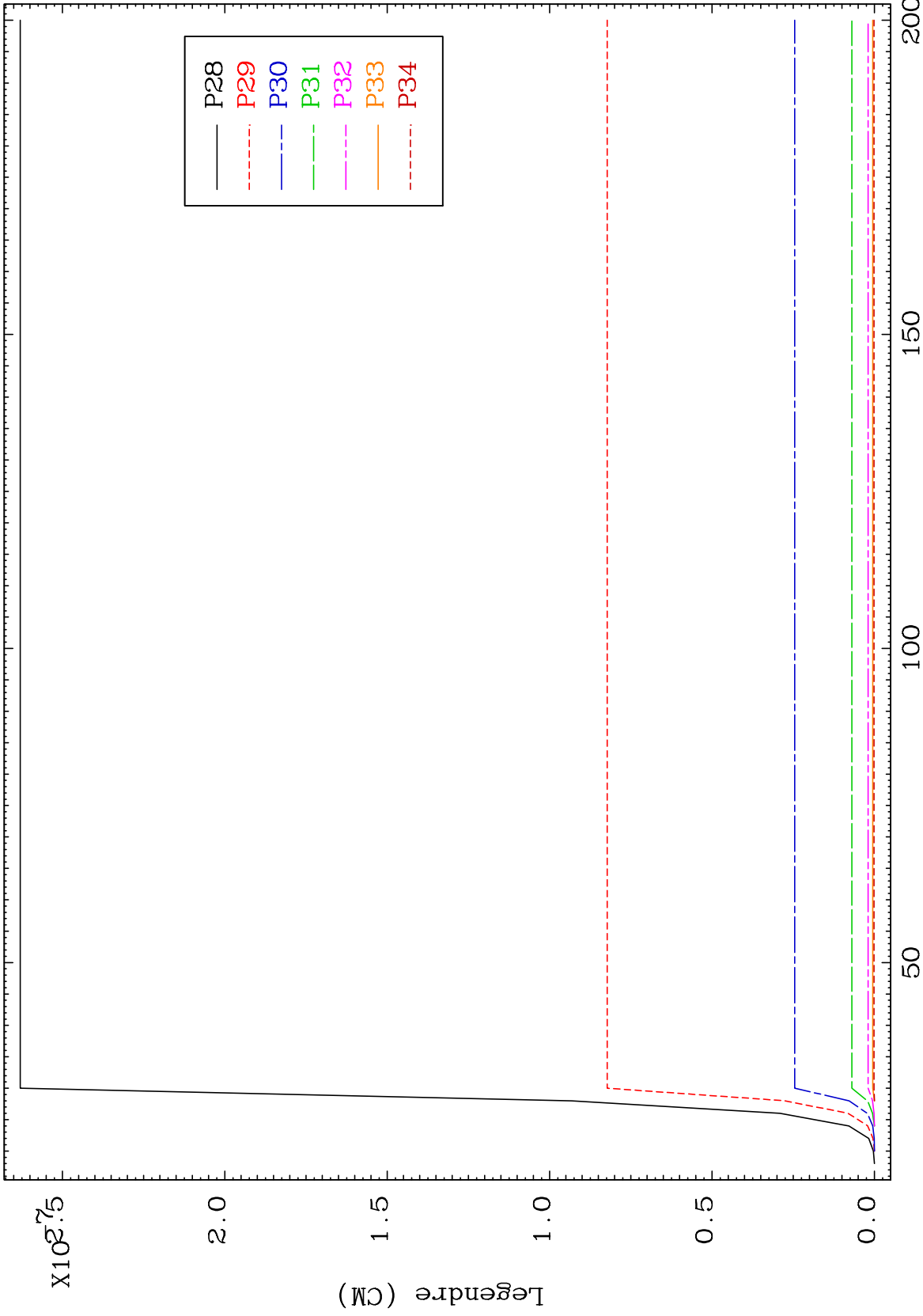
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



43

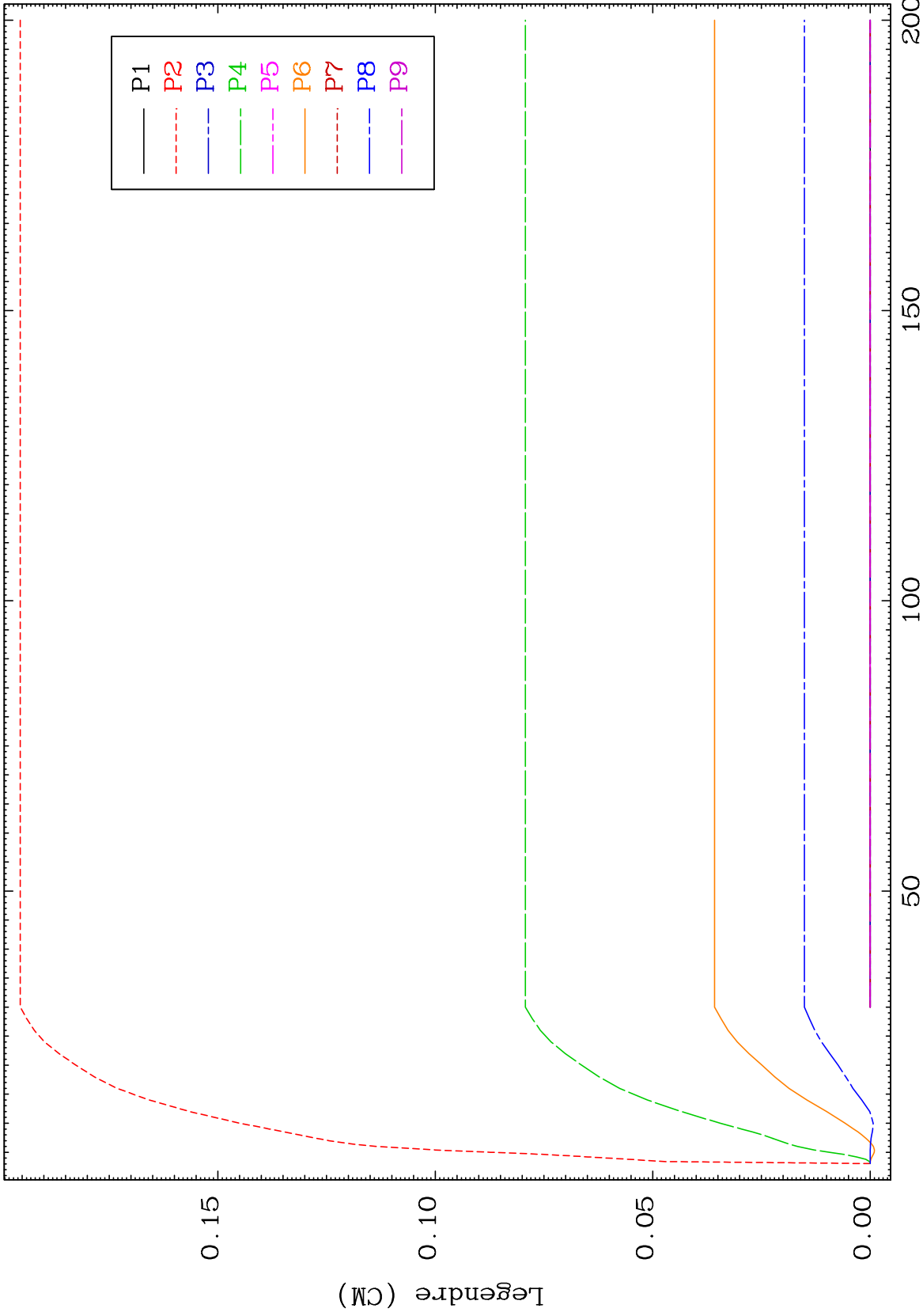
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



44

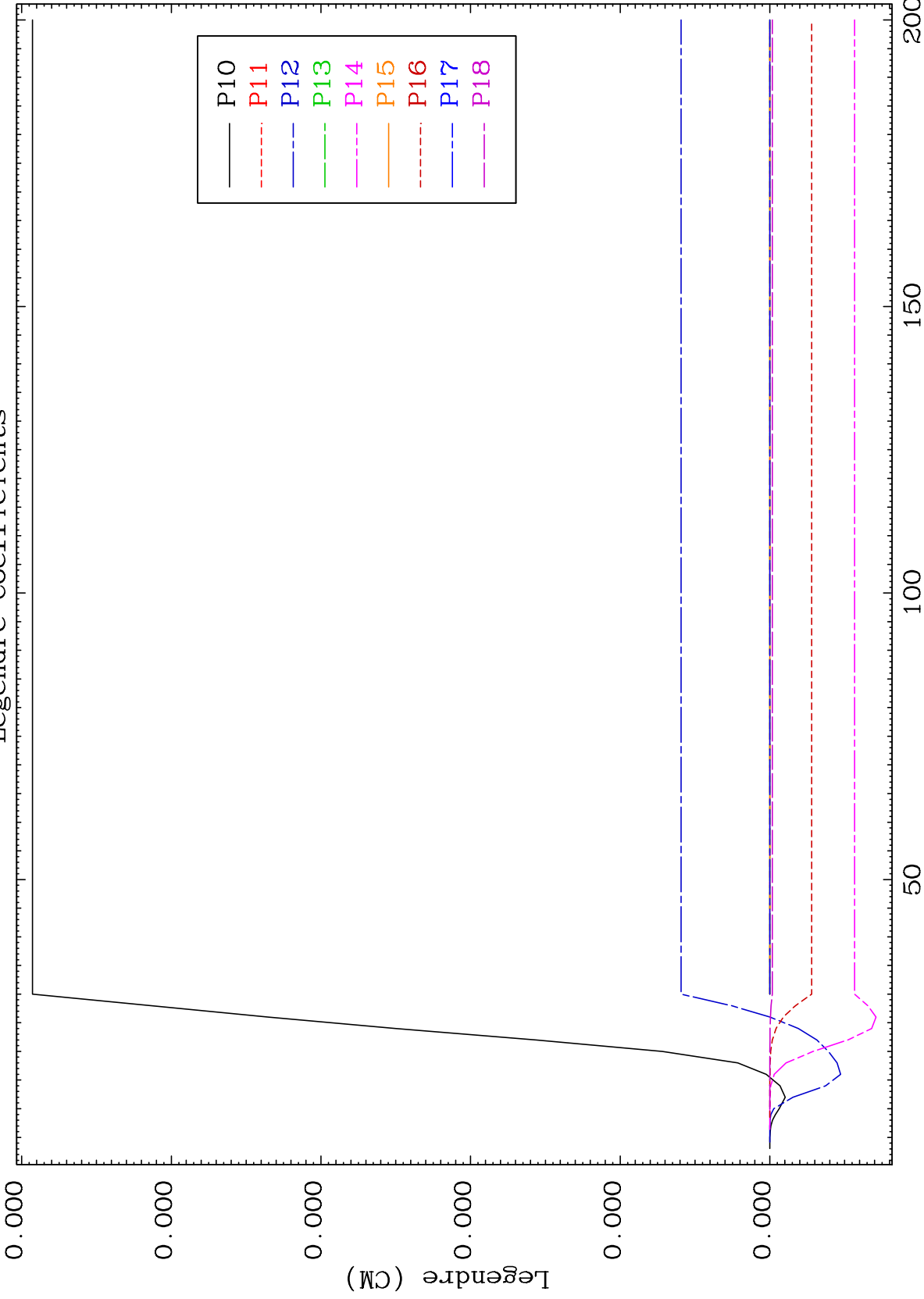
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



45

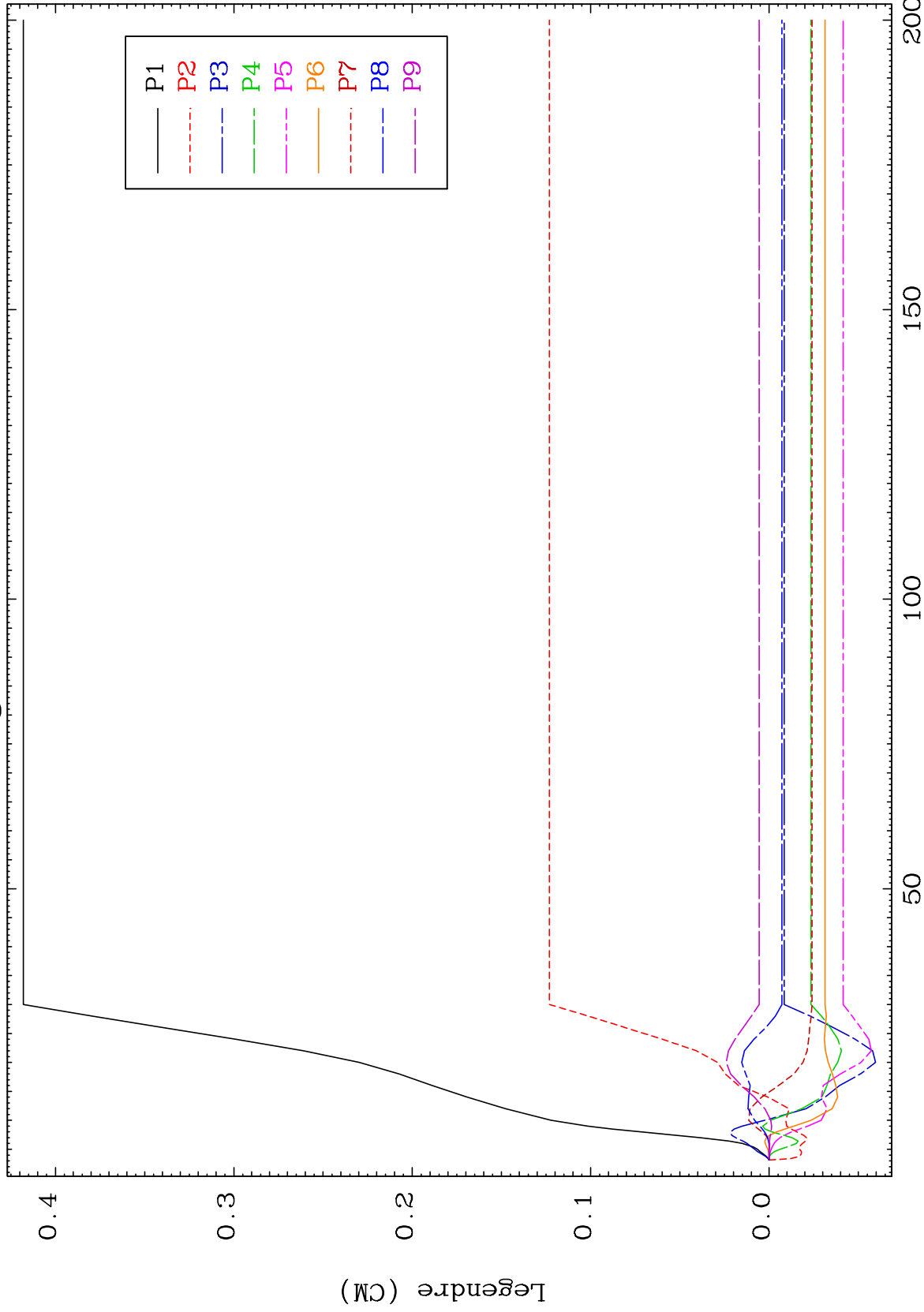
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



47

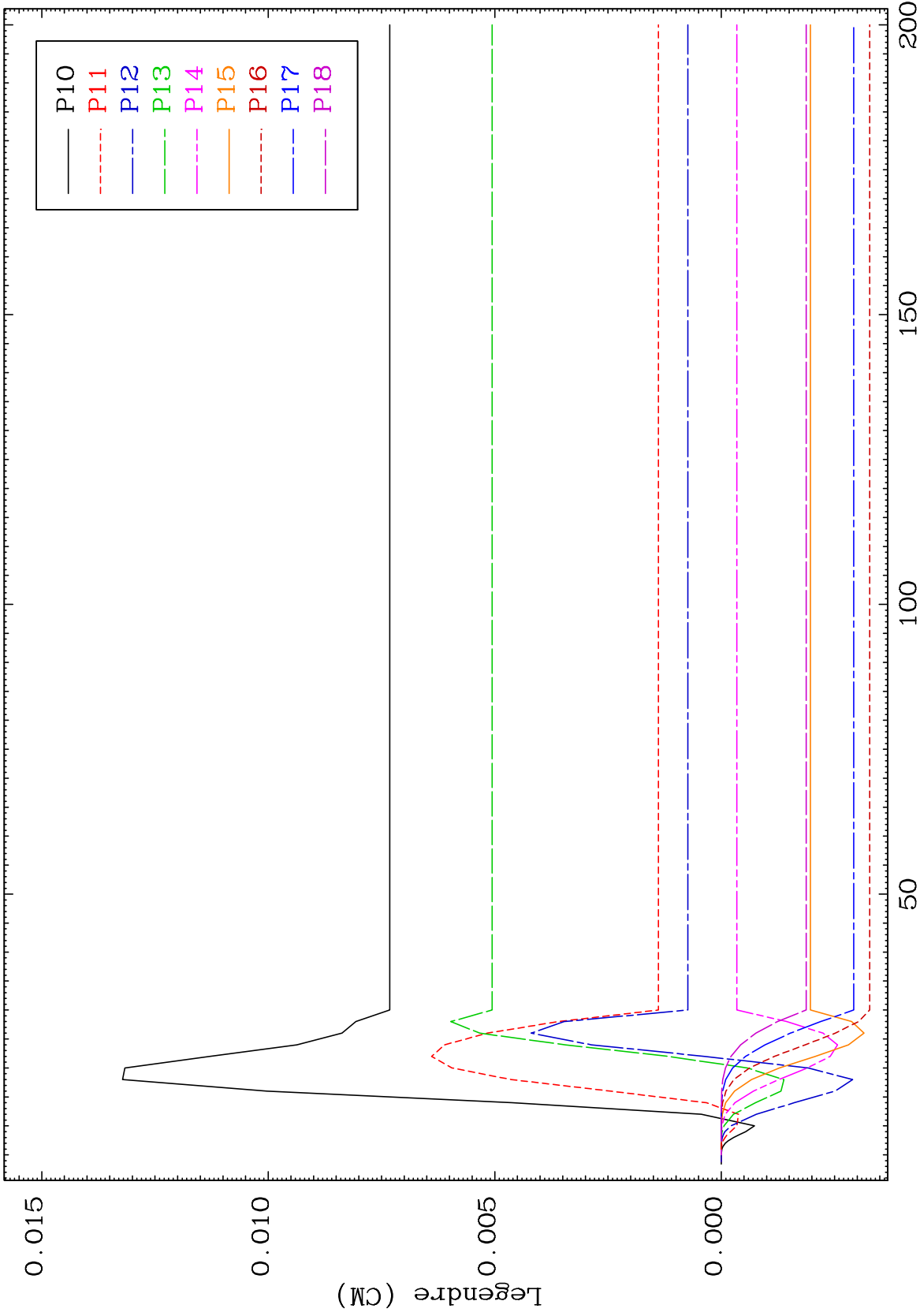
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



48

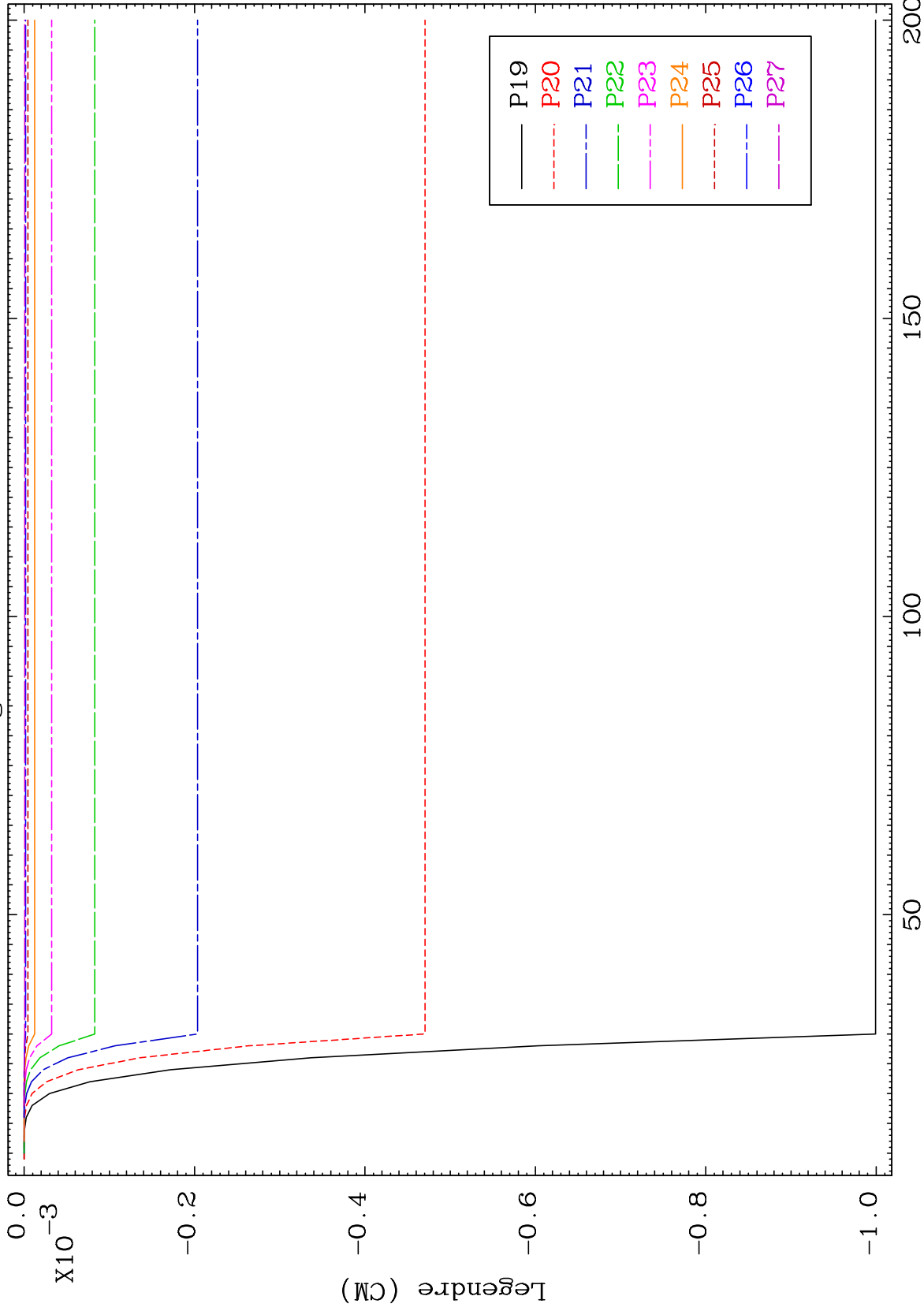
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



49

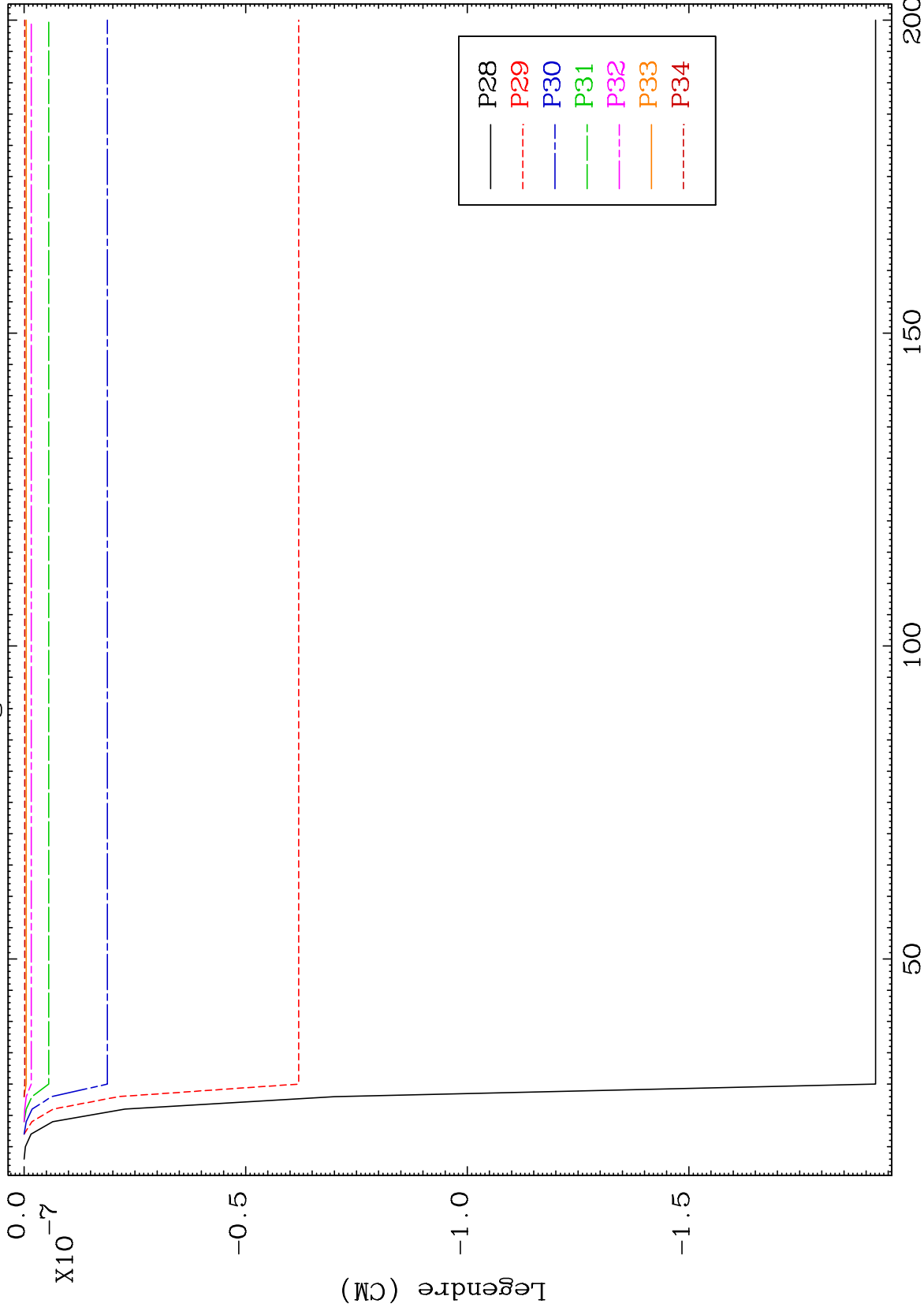
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

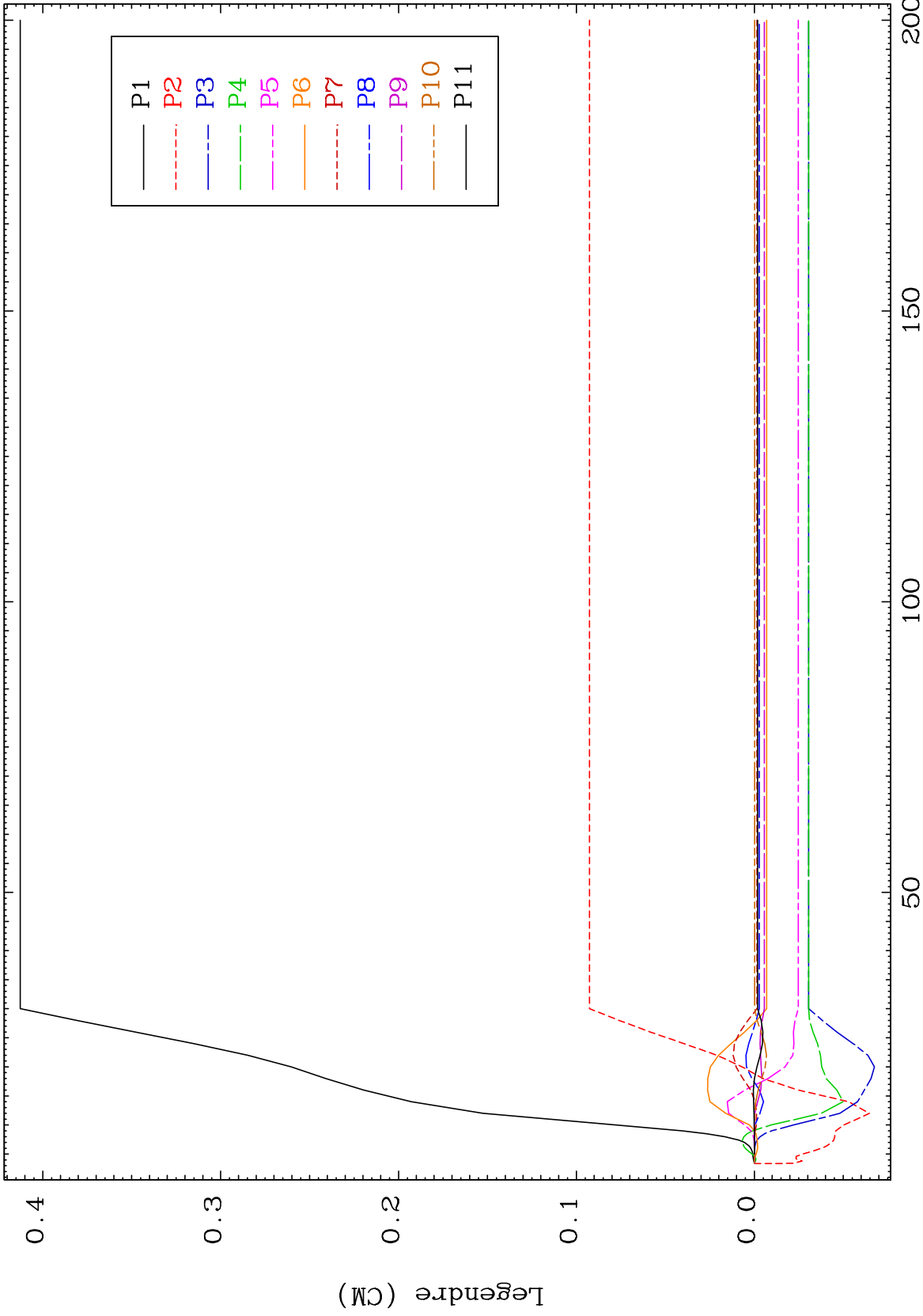
36-Kr-86



36-Kr-86

Incident Energy (MeV)

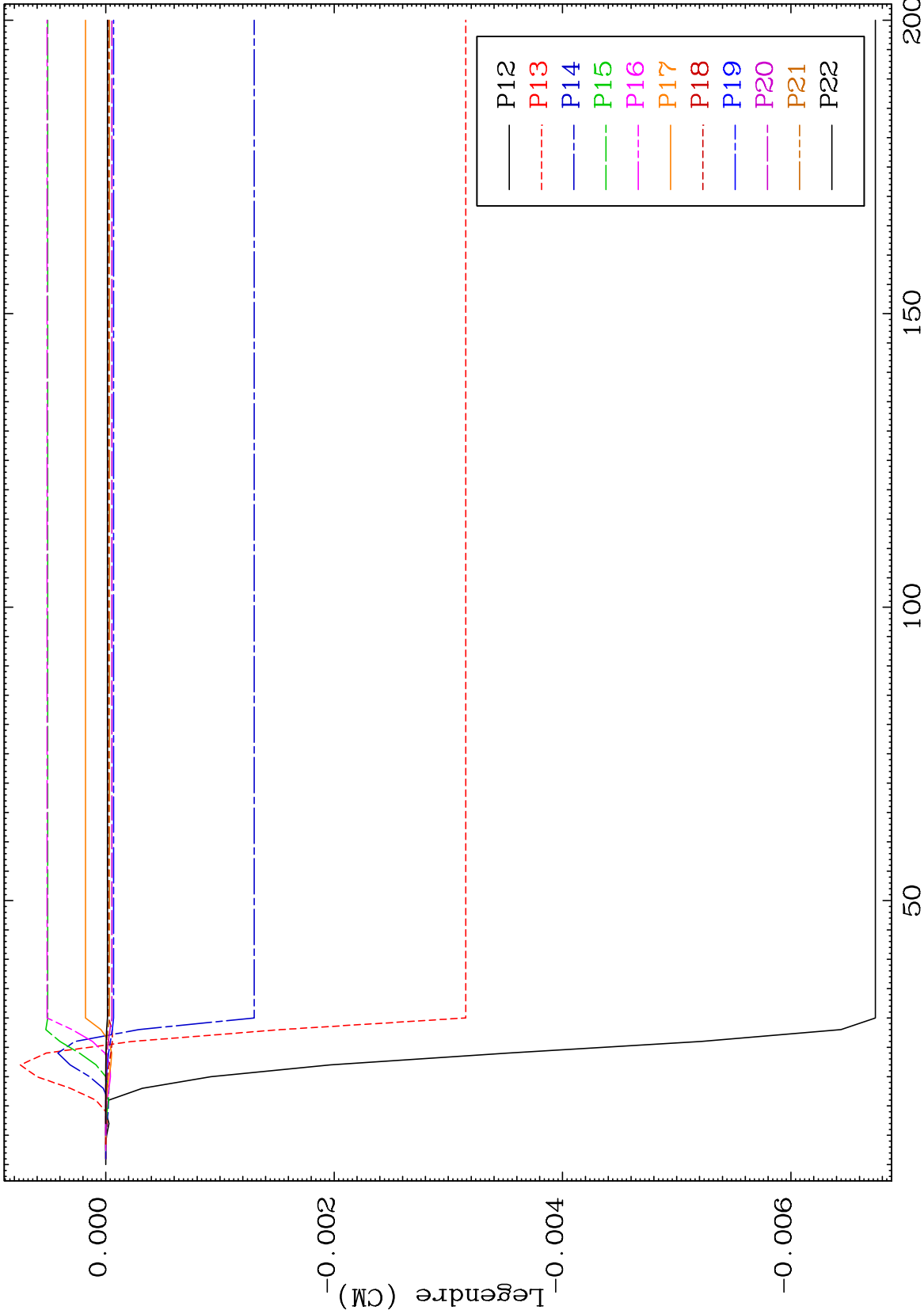
50



MAT 3649

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

36-Kr-86



52

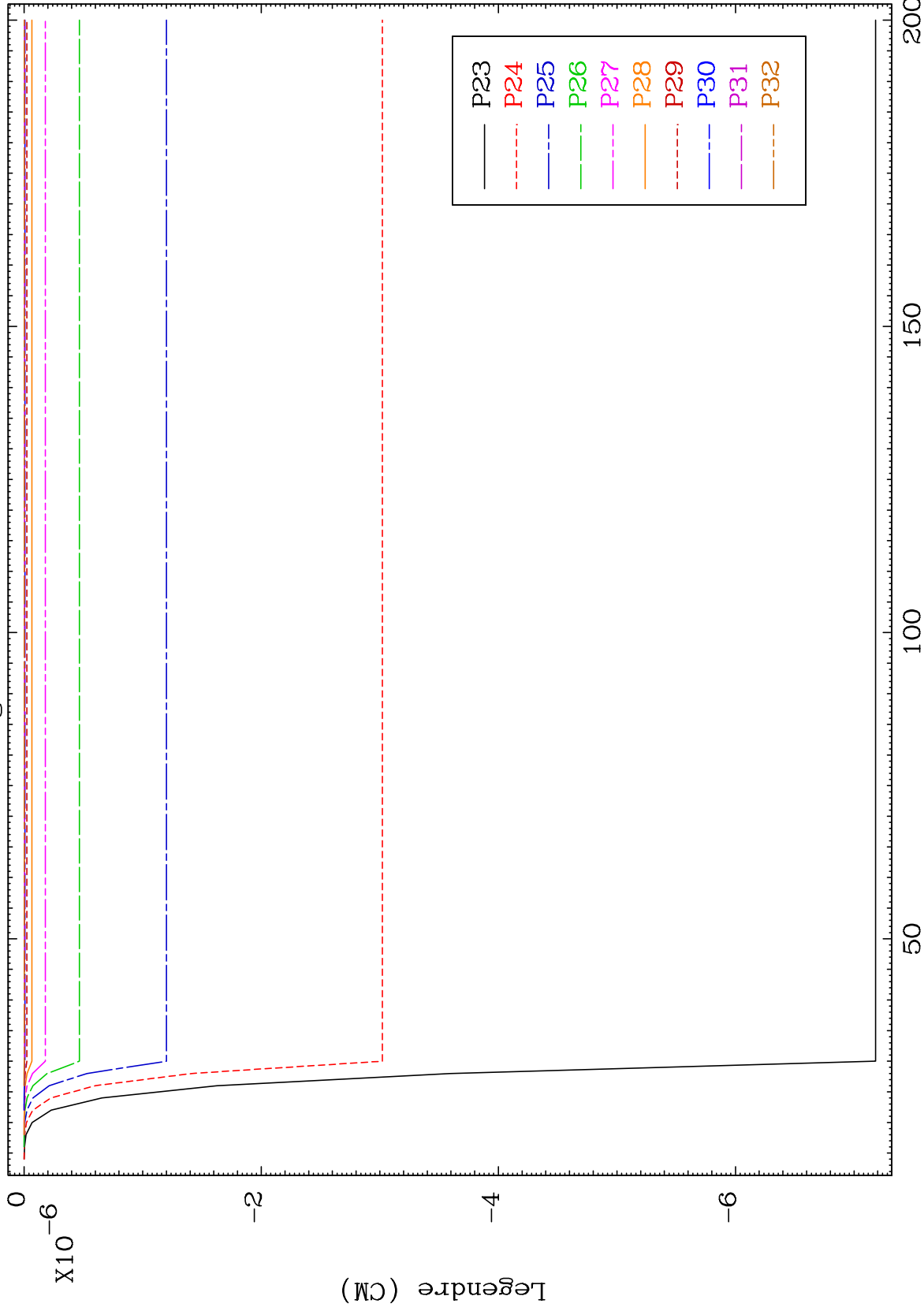
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



53

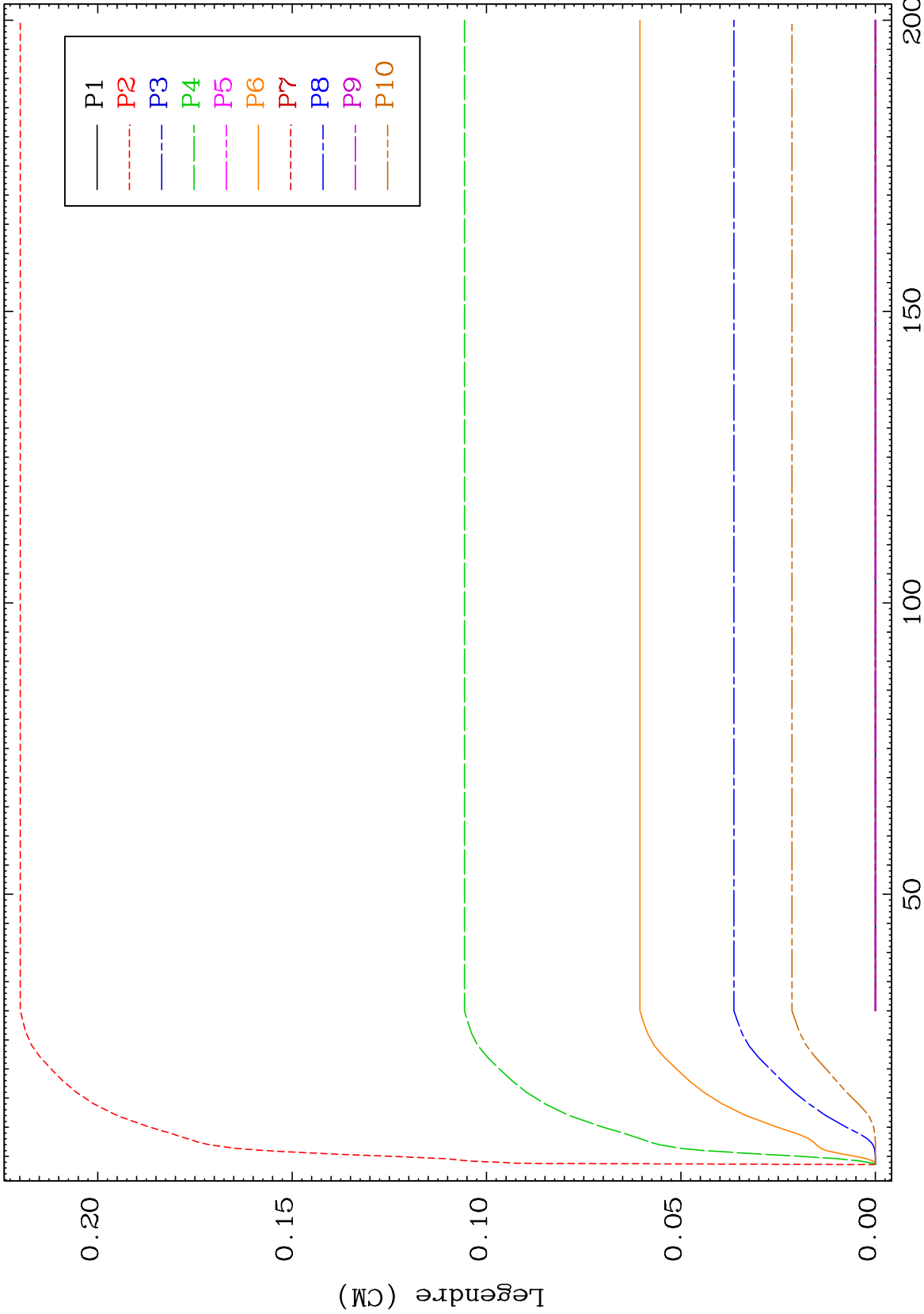
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



54

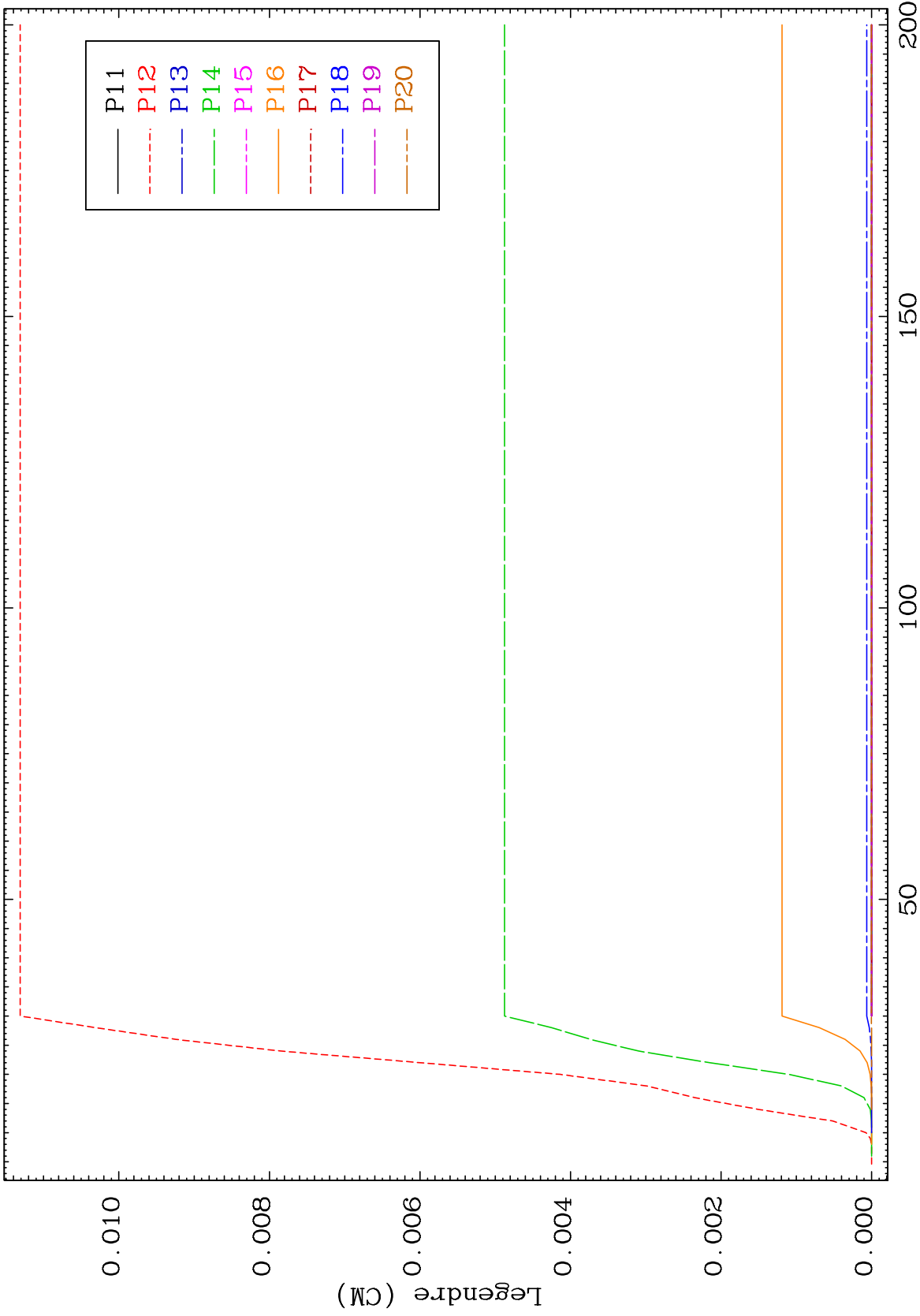
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



55

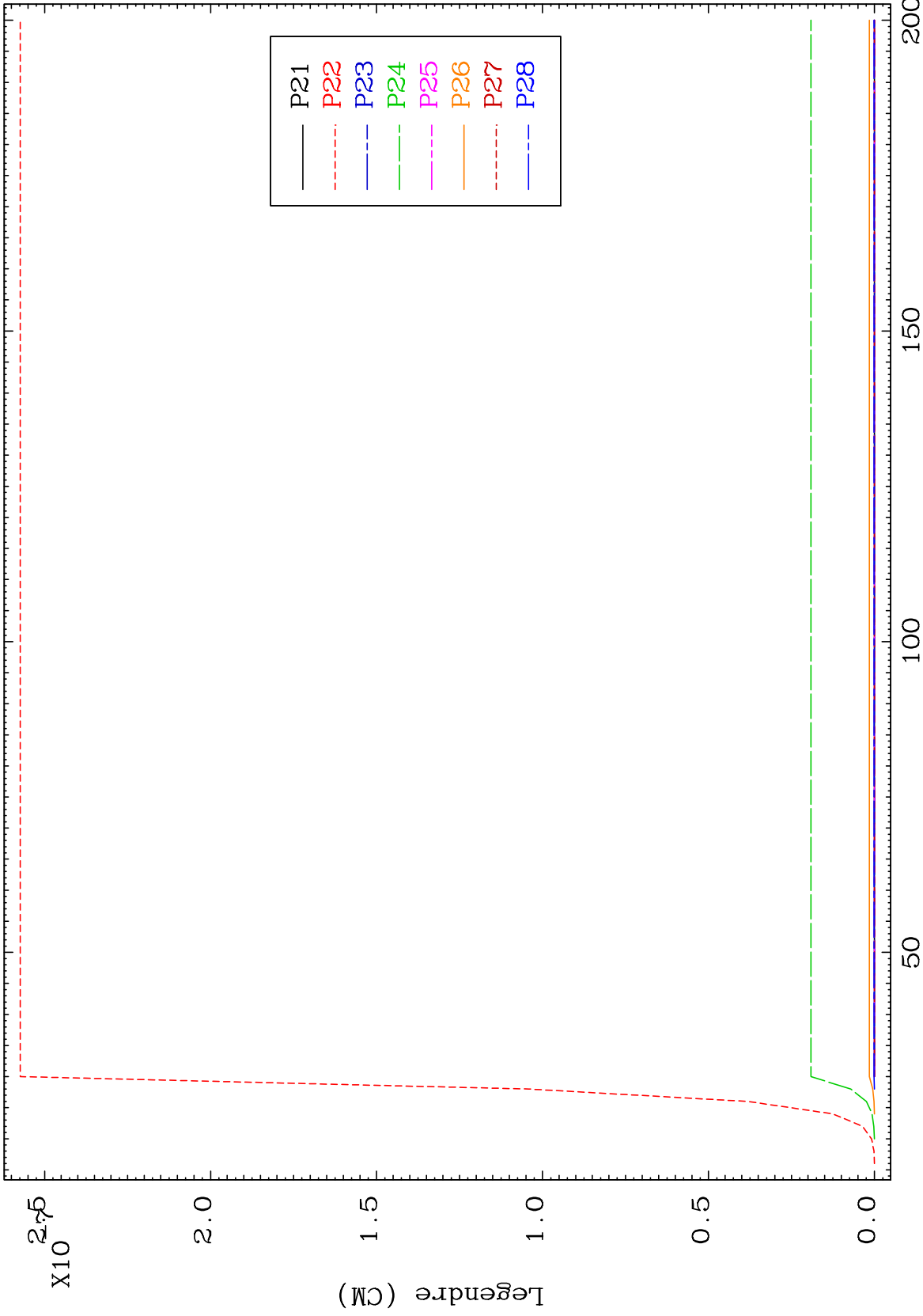
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



56

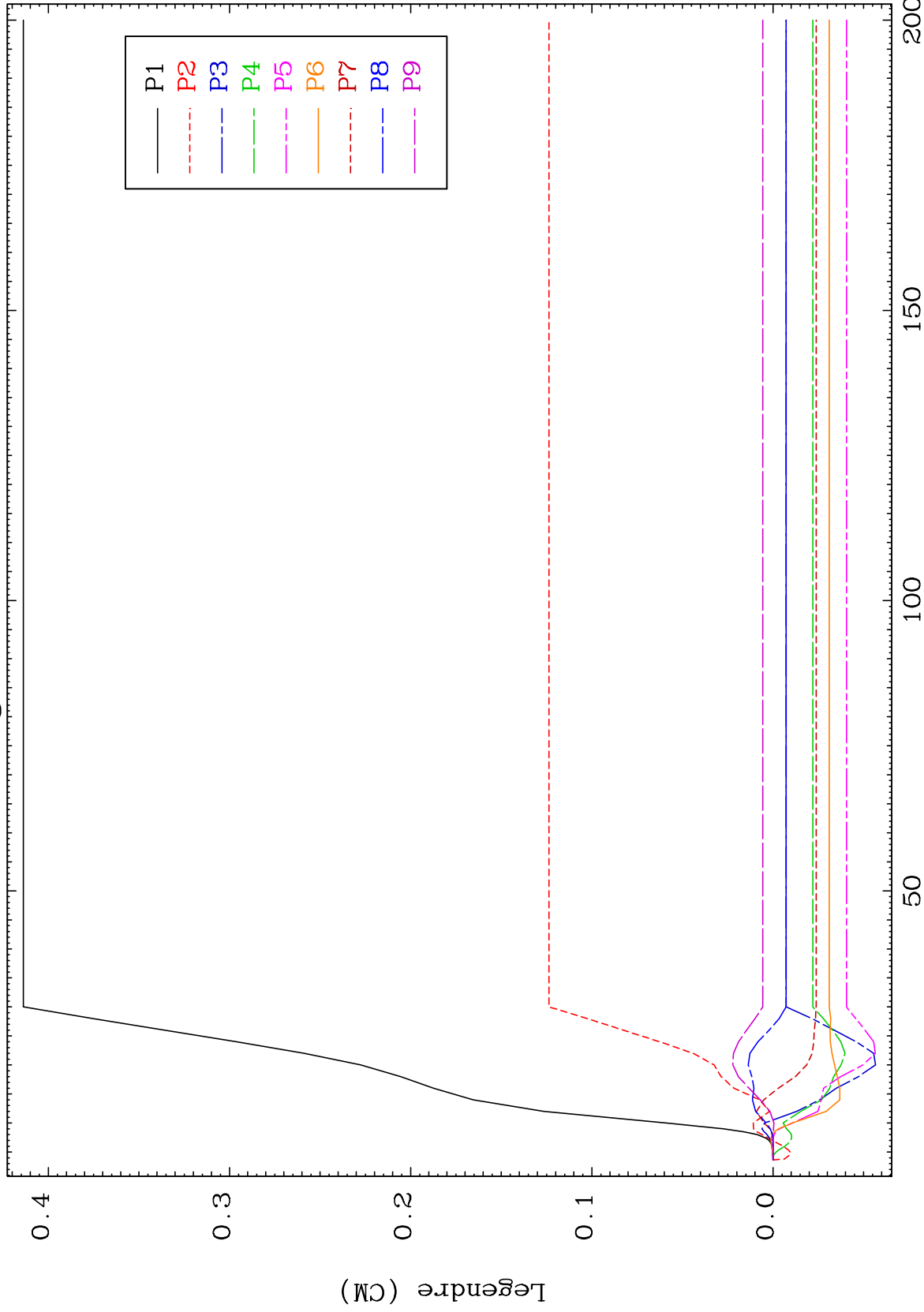
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



57

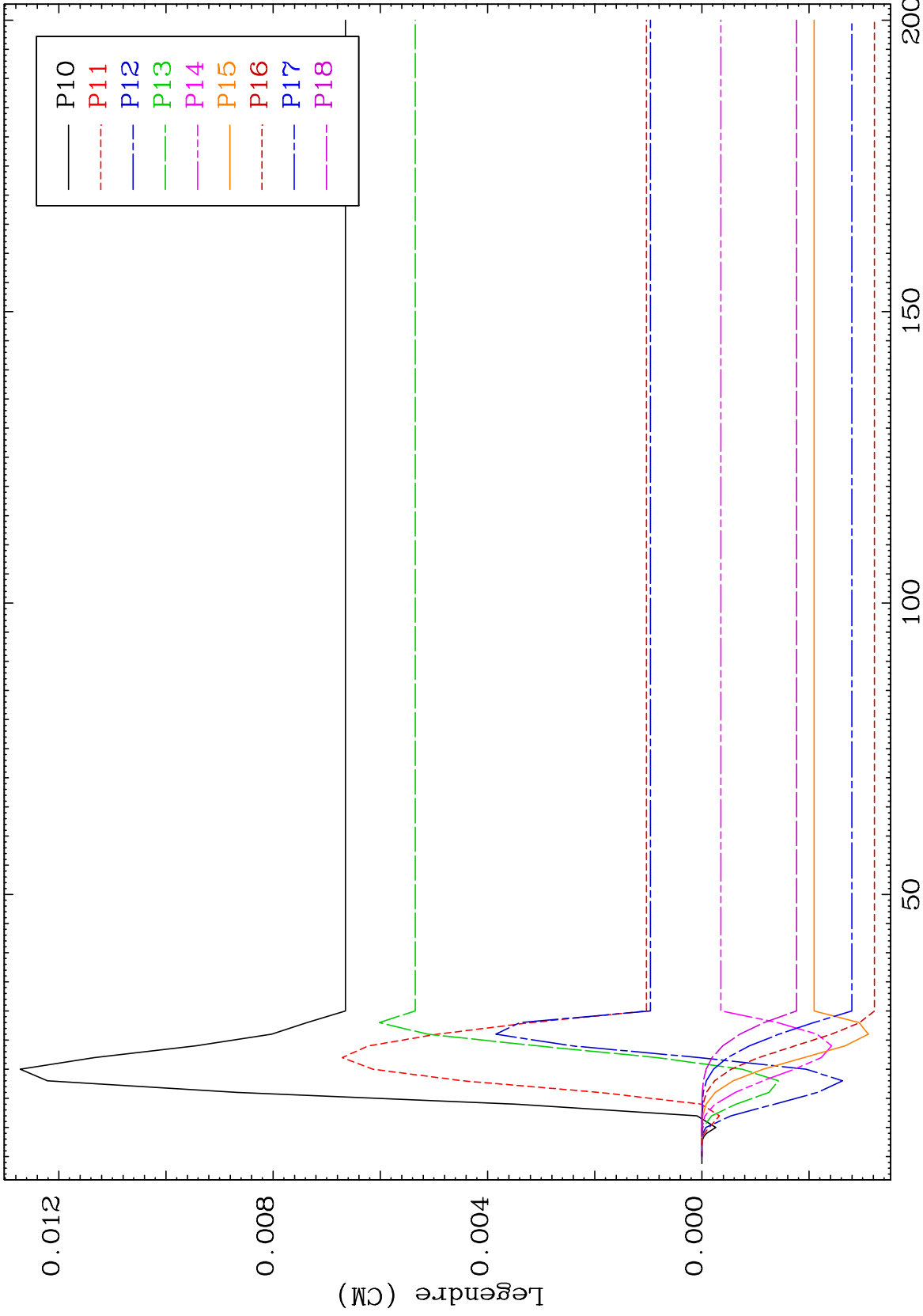
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



58

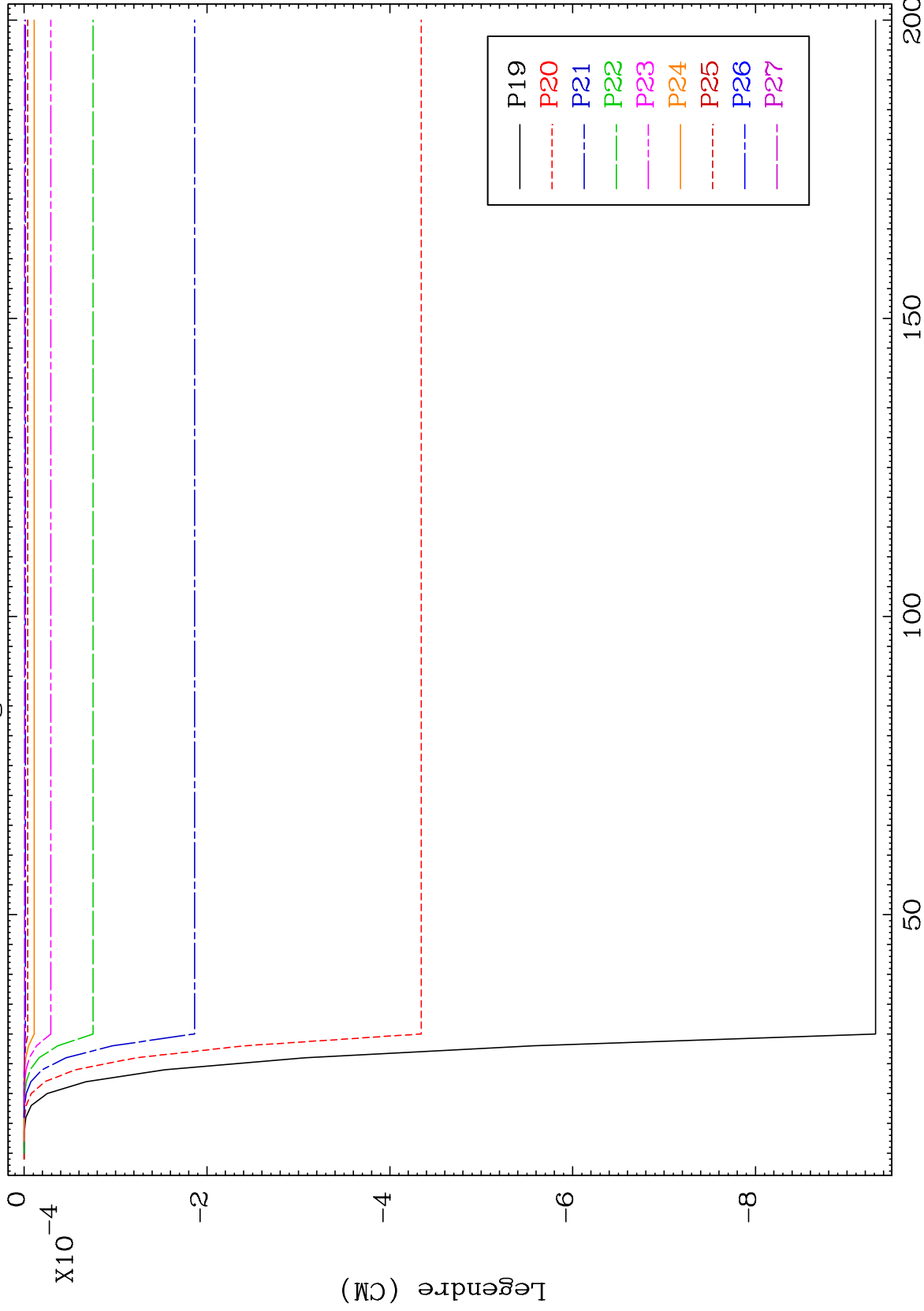
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



36-Kr-86

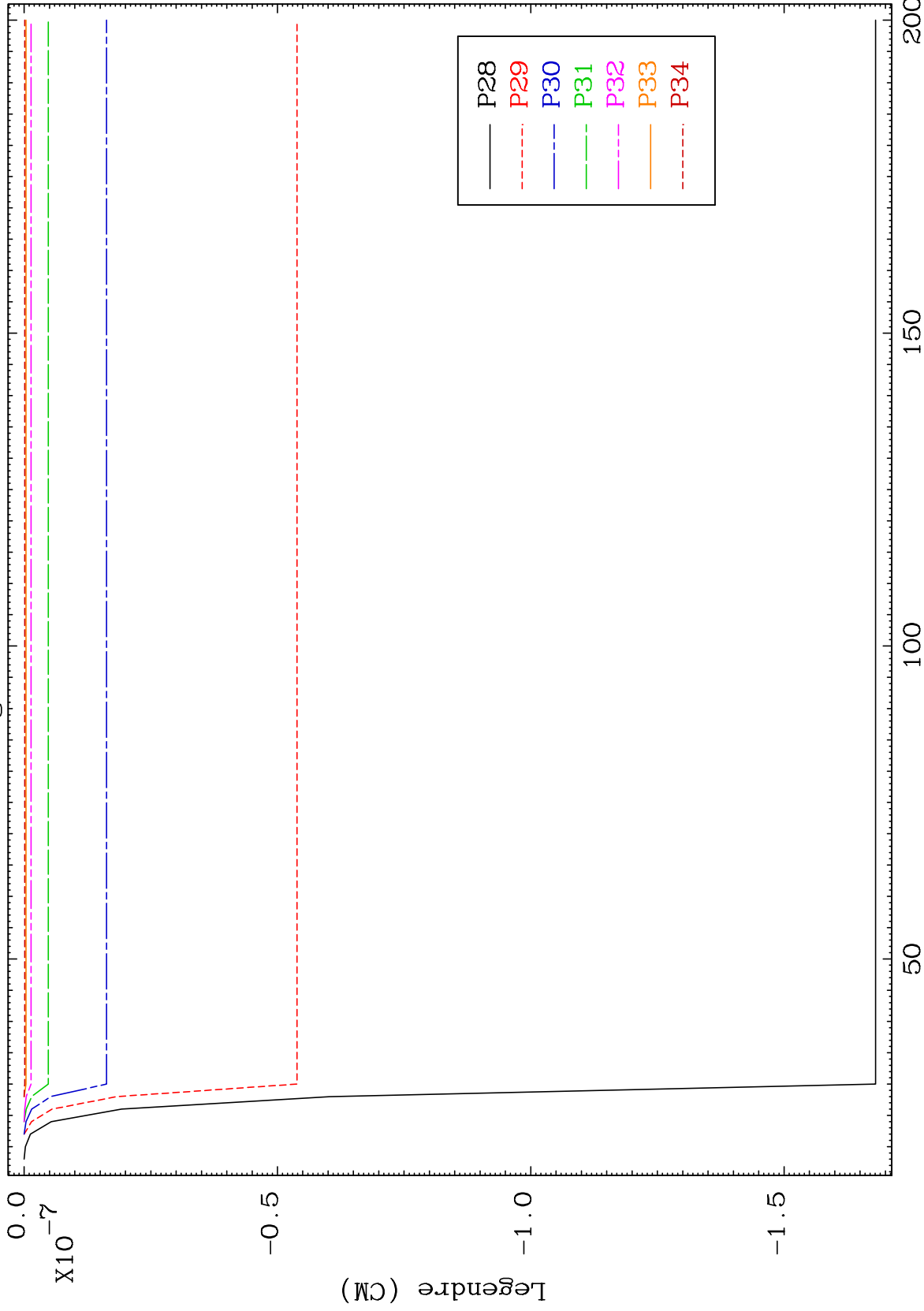
Incident Energy (MeV)

59

MAT 3649

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

36-Kr-86



60

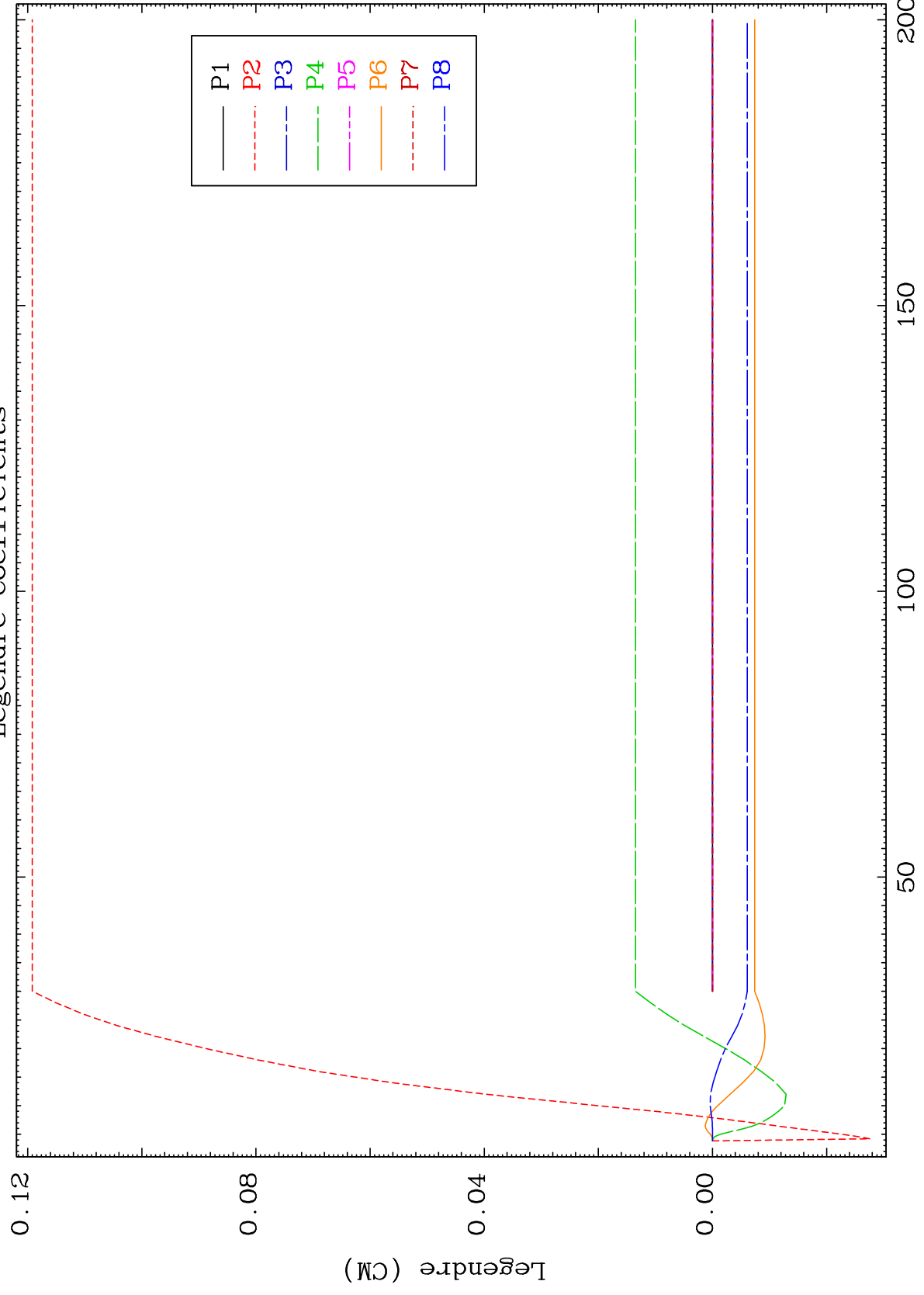
Incident Energy (MeV)

36-Kr-86

MAT 3649 MT= 62 (n,n') Level Legendre Coefficients

36-Kr-86

36-Kr-86

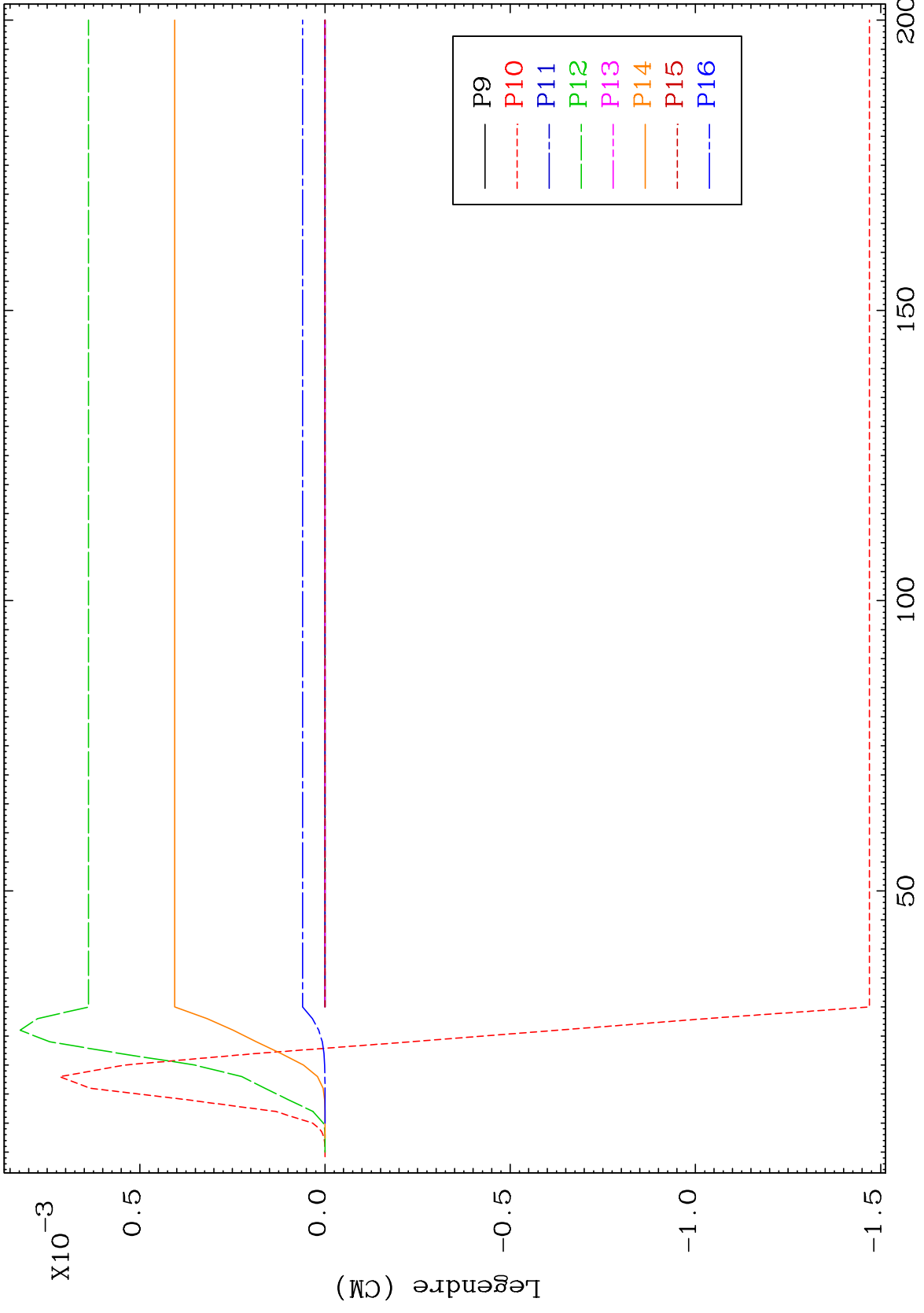


61

MAT 3649

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

36-Kr-86



62

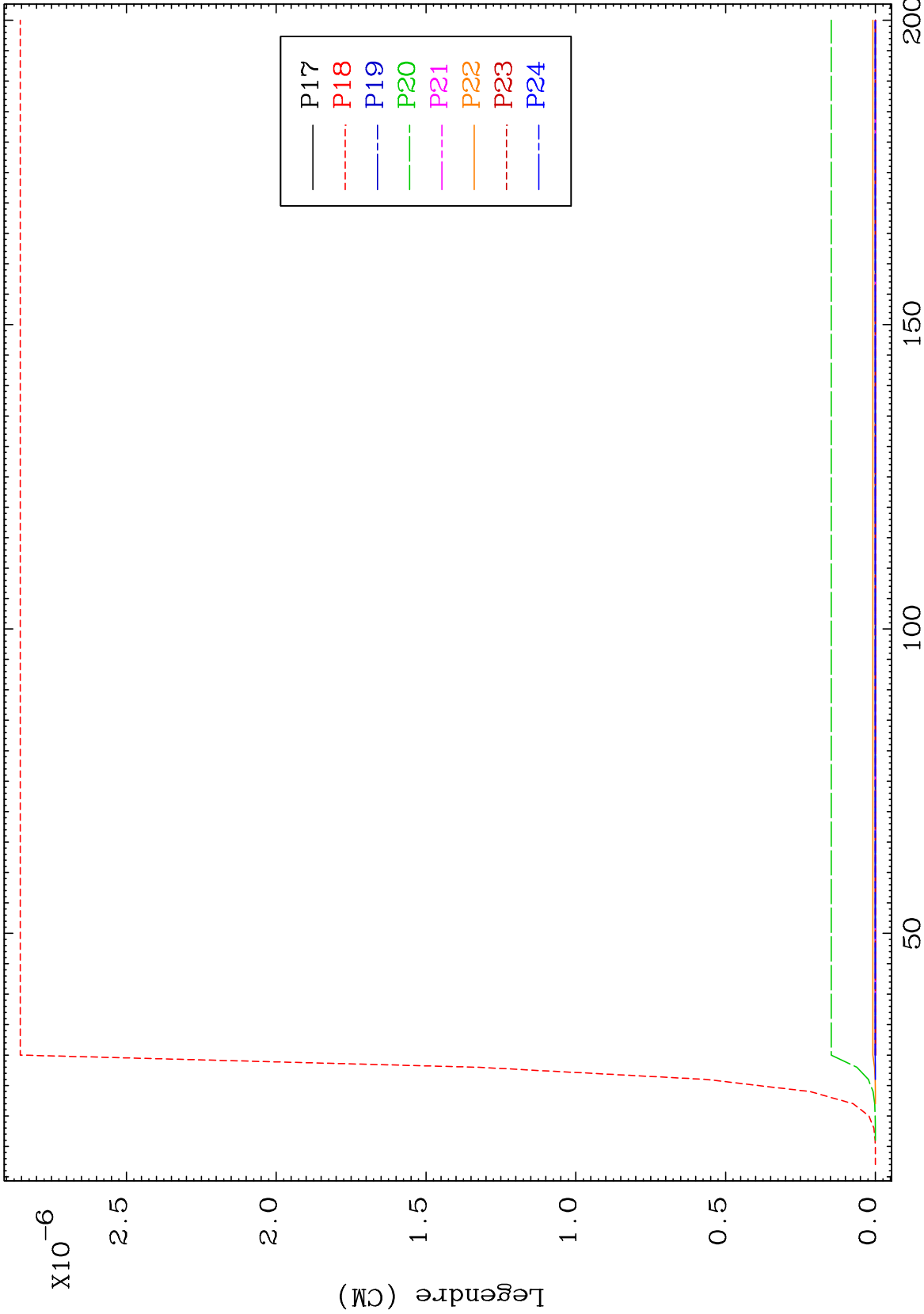
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



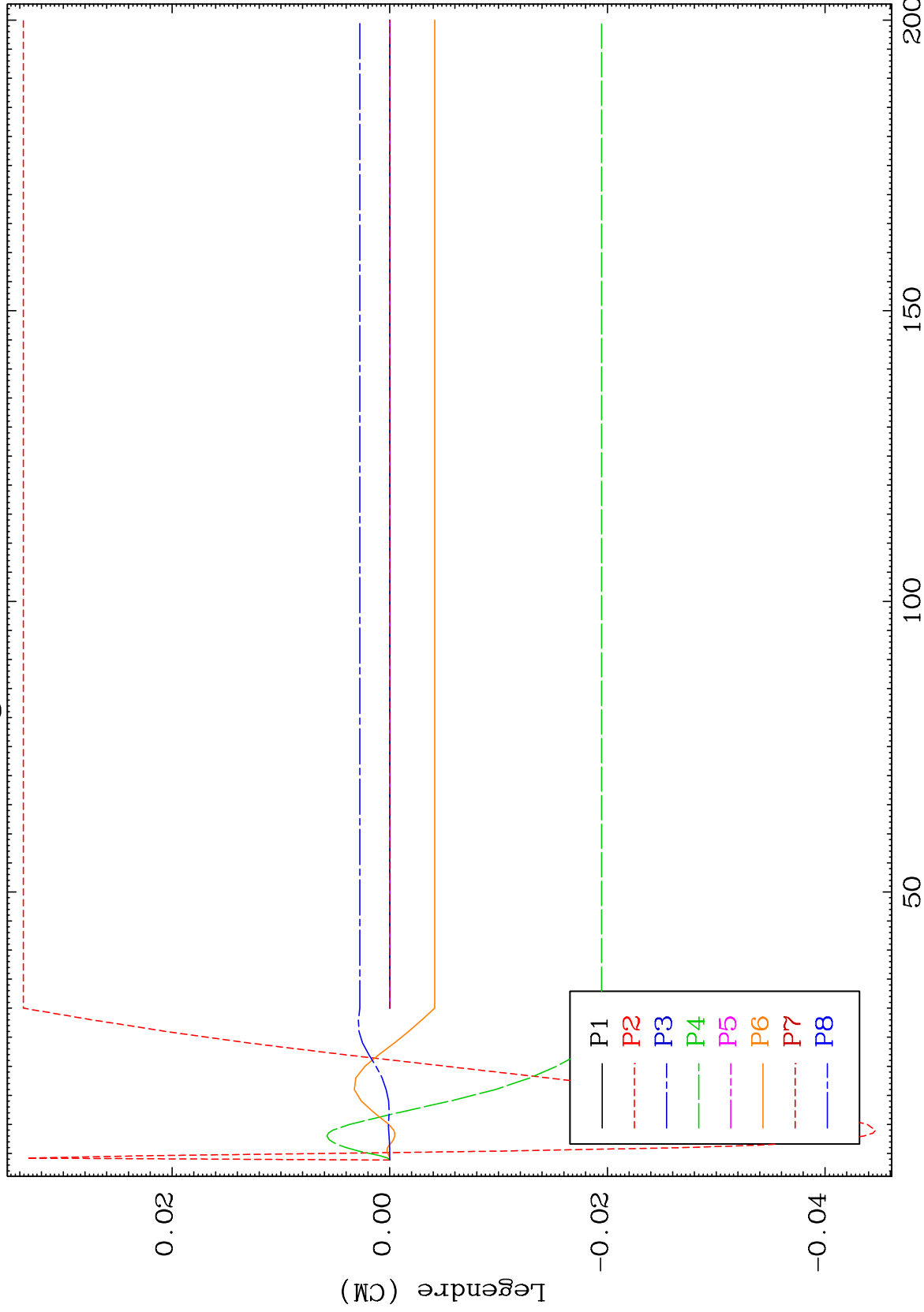
63

36-Kr-86

MAT 3649

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

36-Kr-86



64

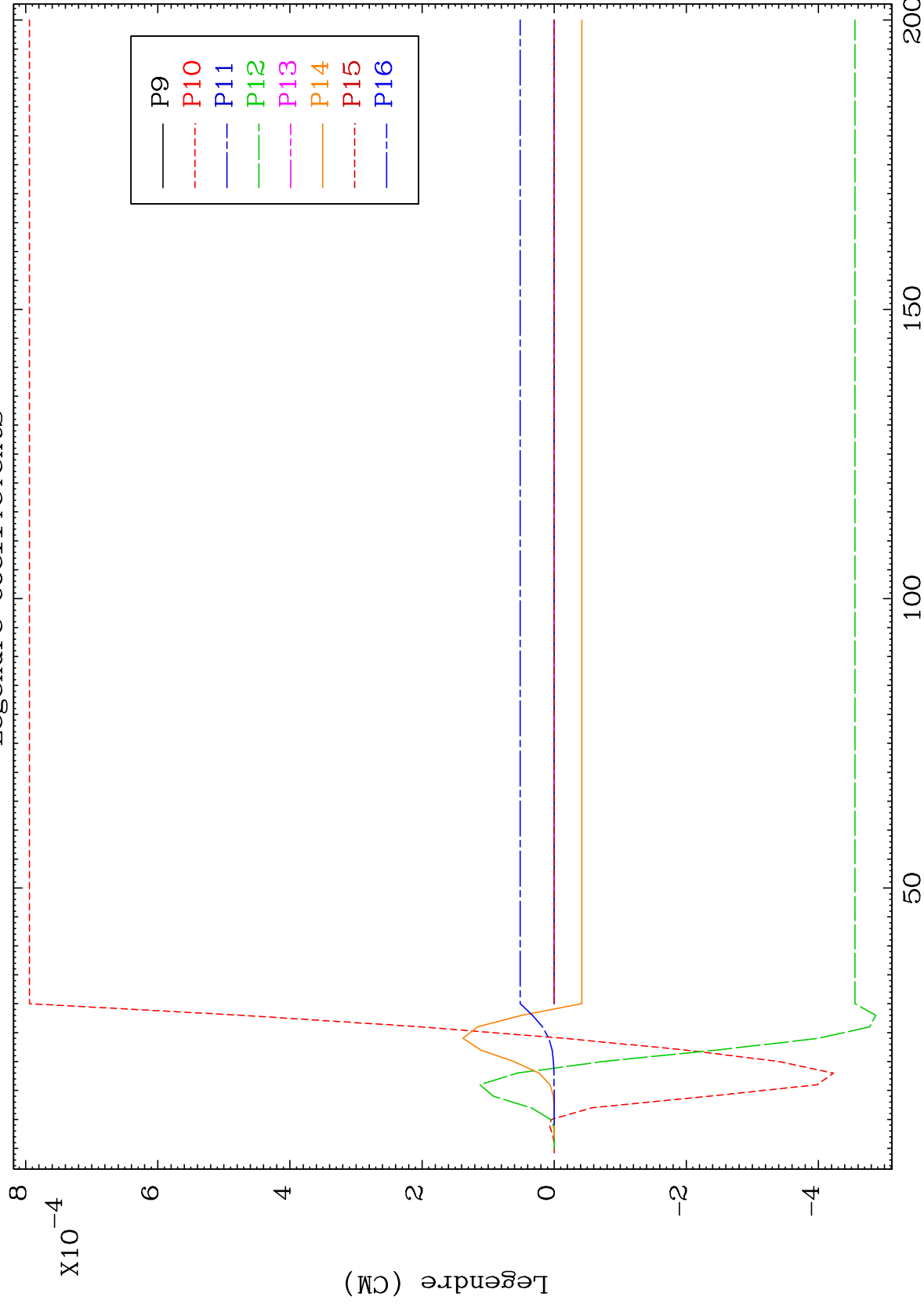
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



65

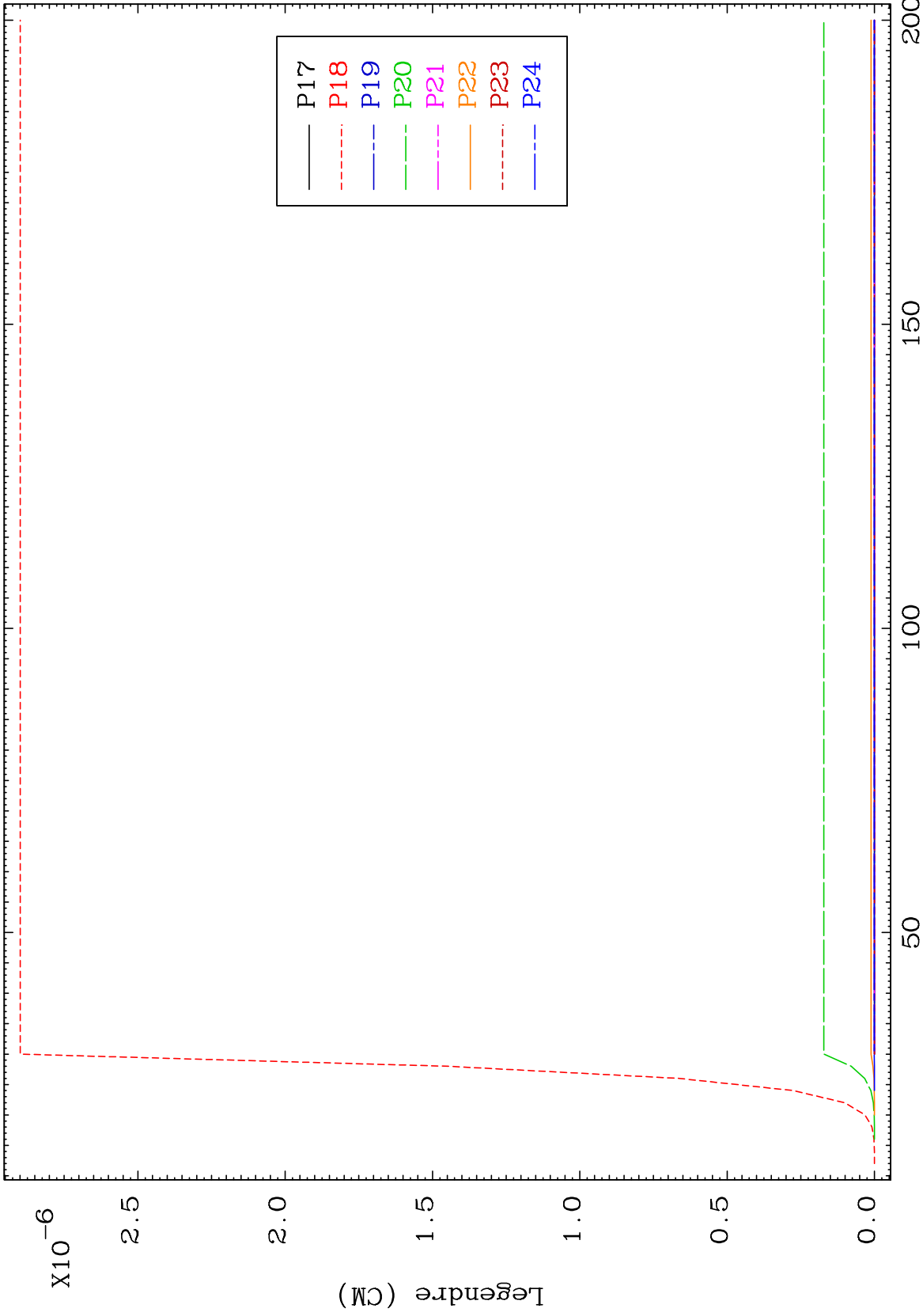
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



66

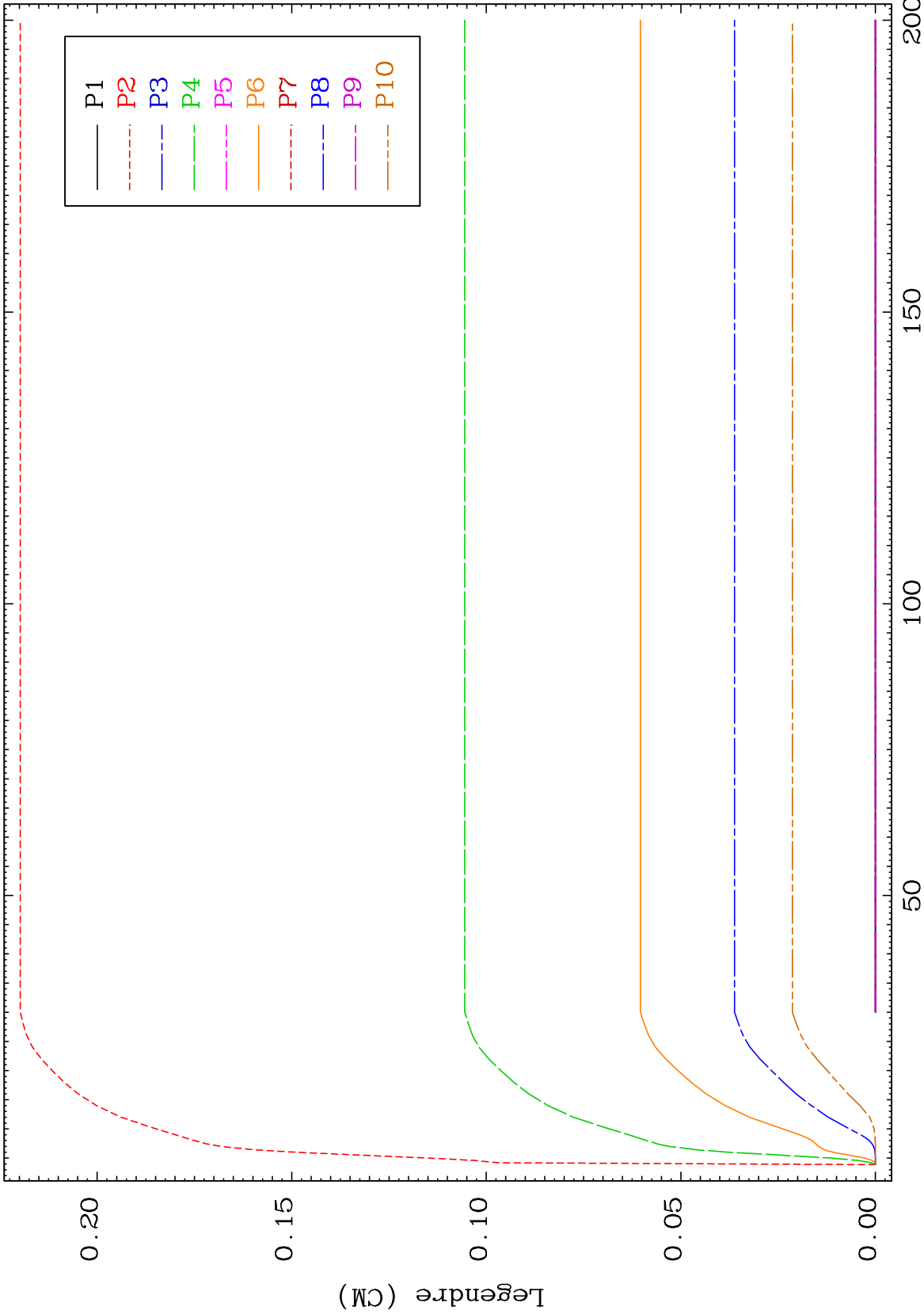
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



67

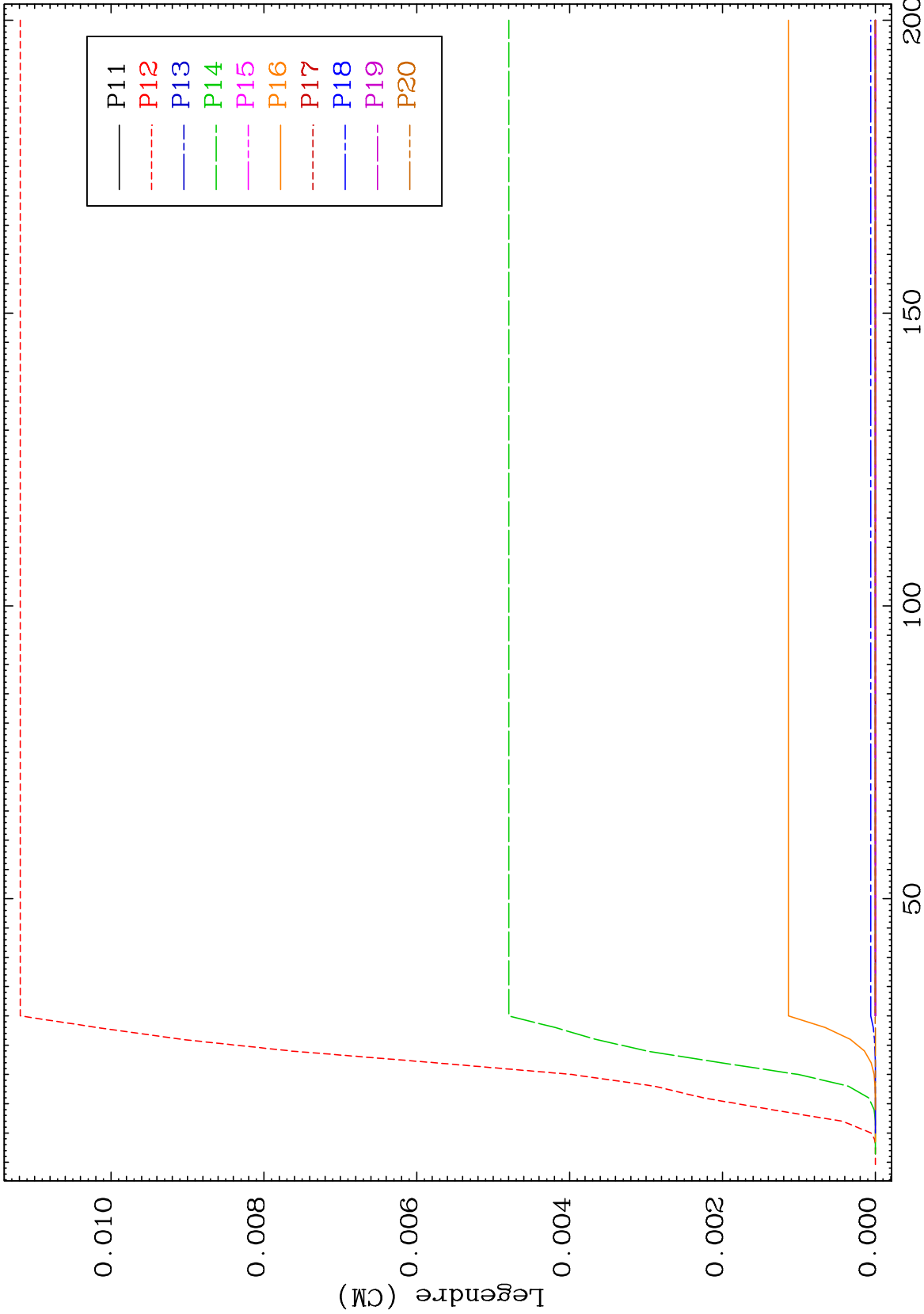
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



68

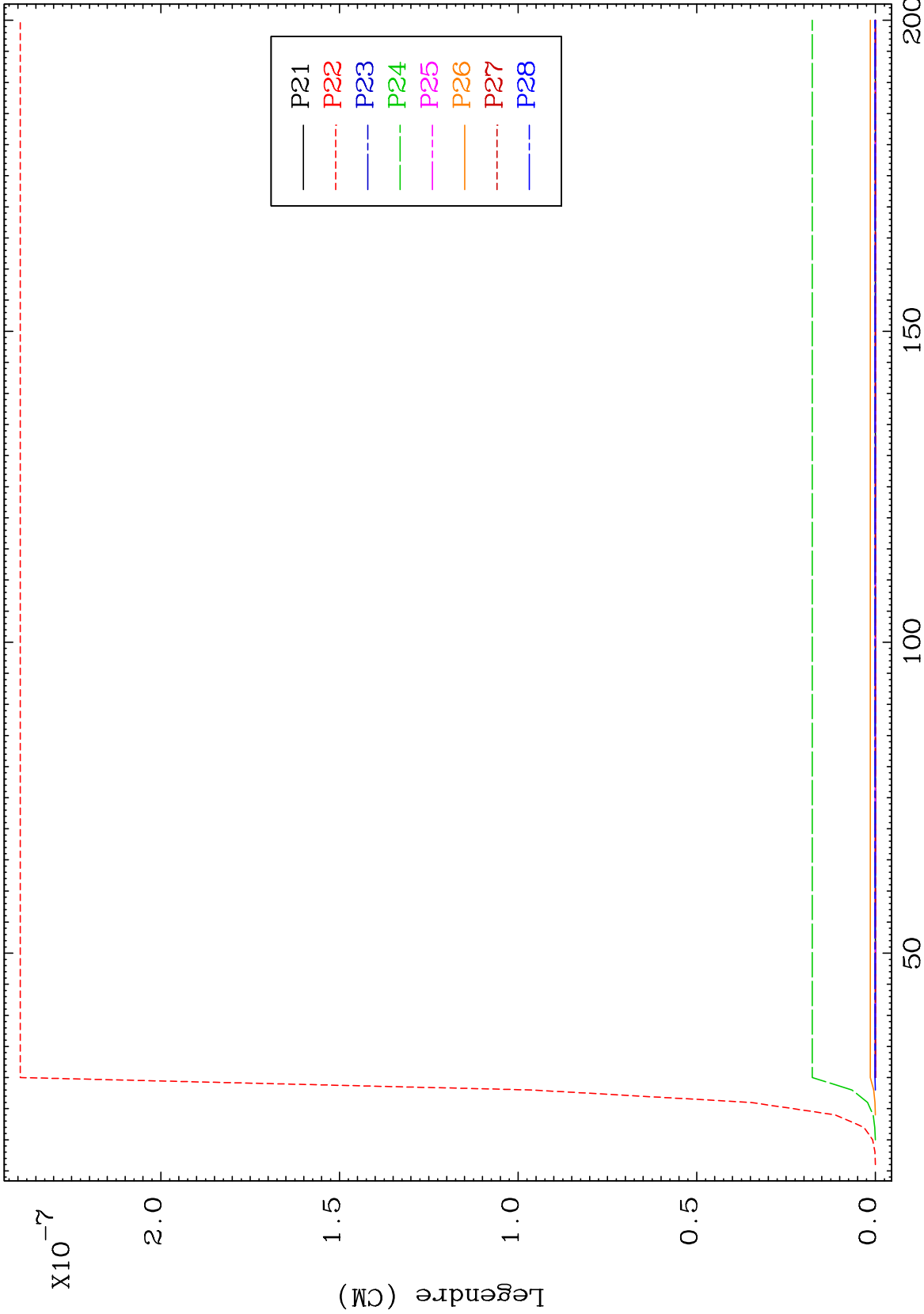
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



69

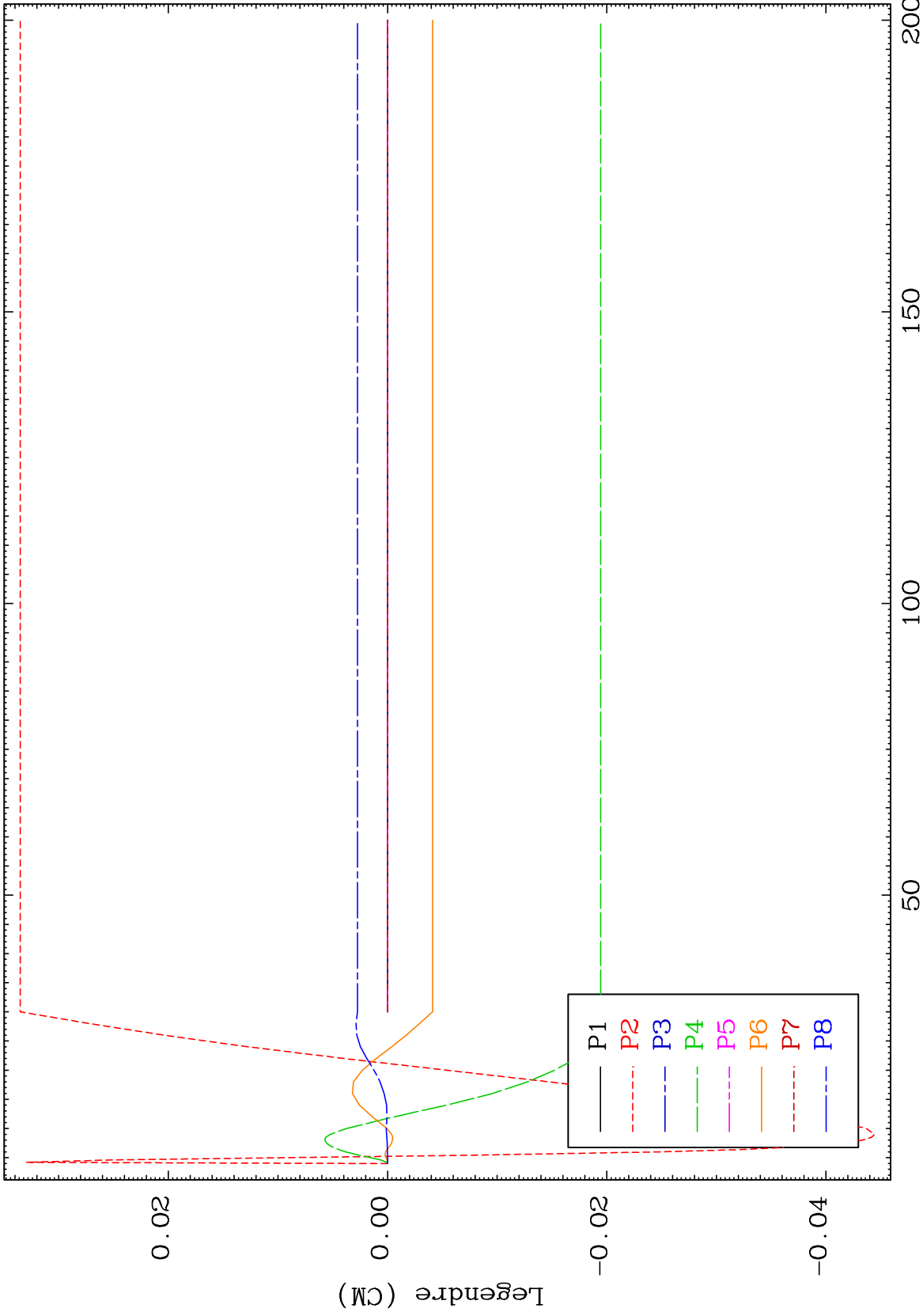
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



70

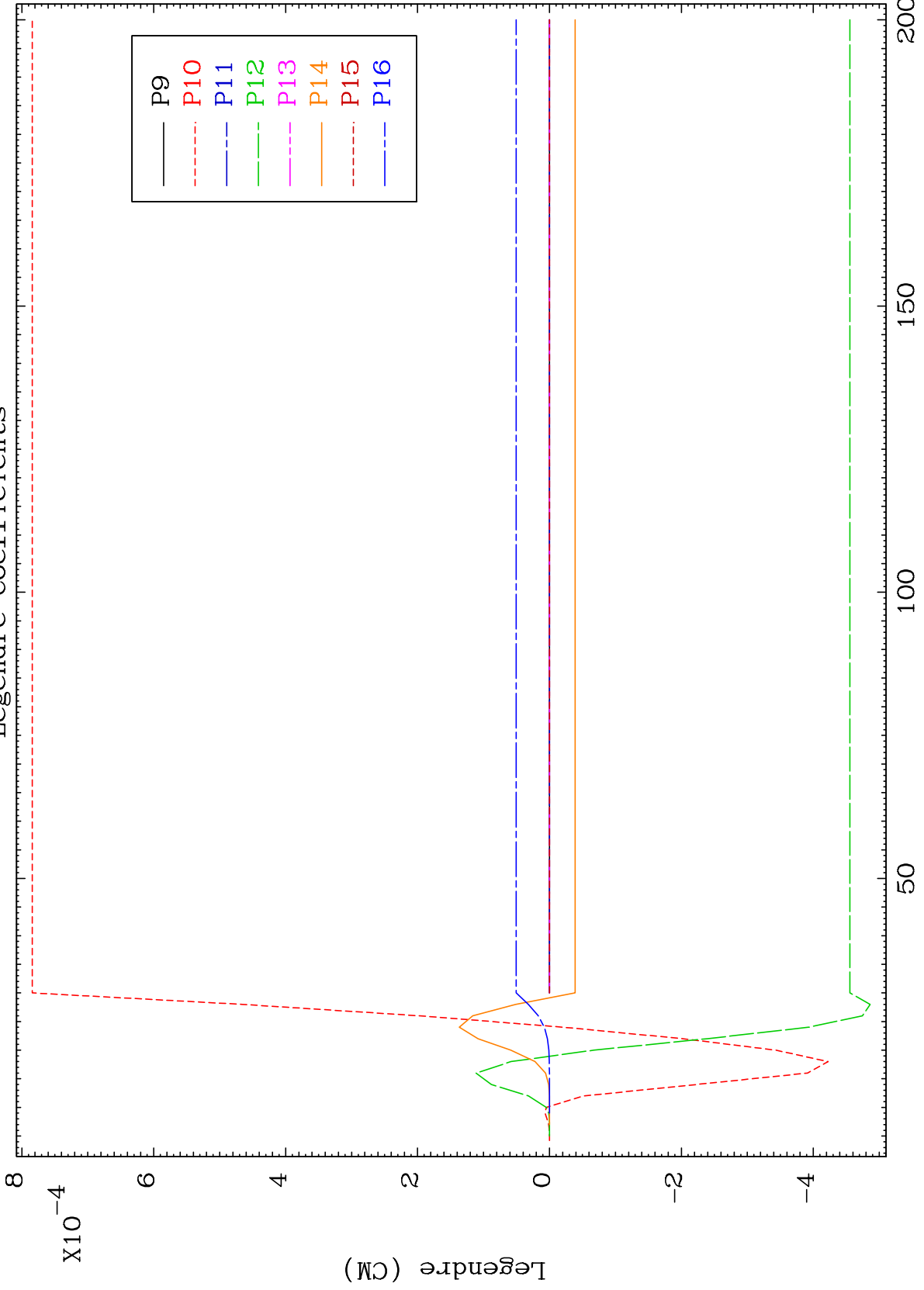
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



71

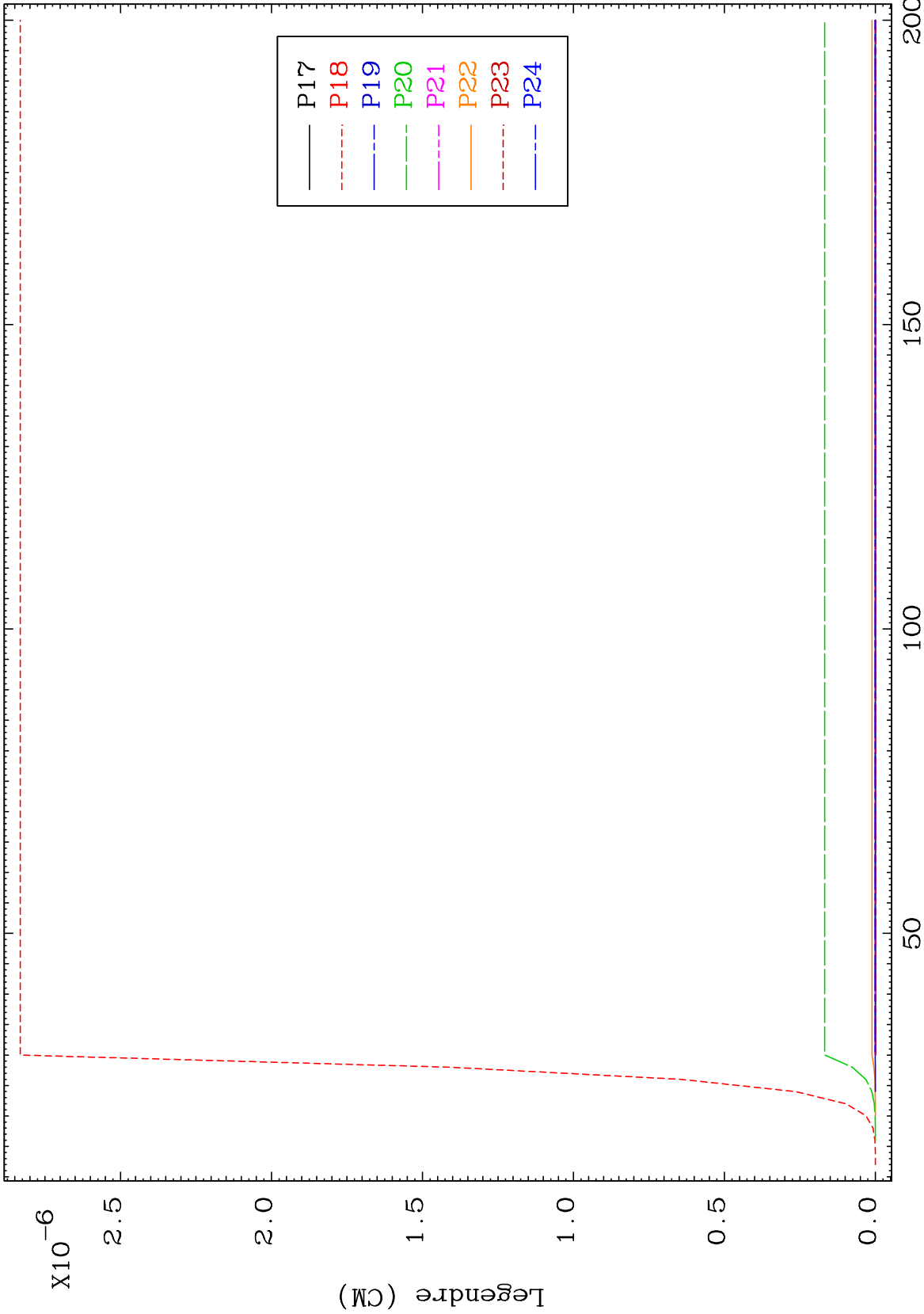
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



72

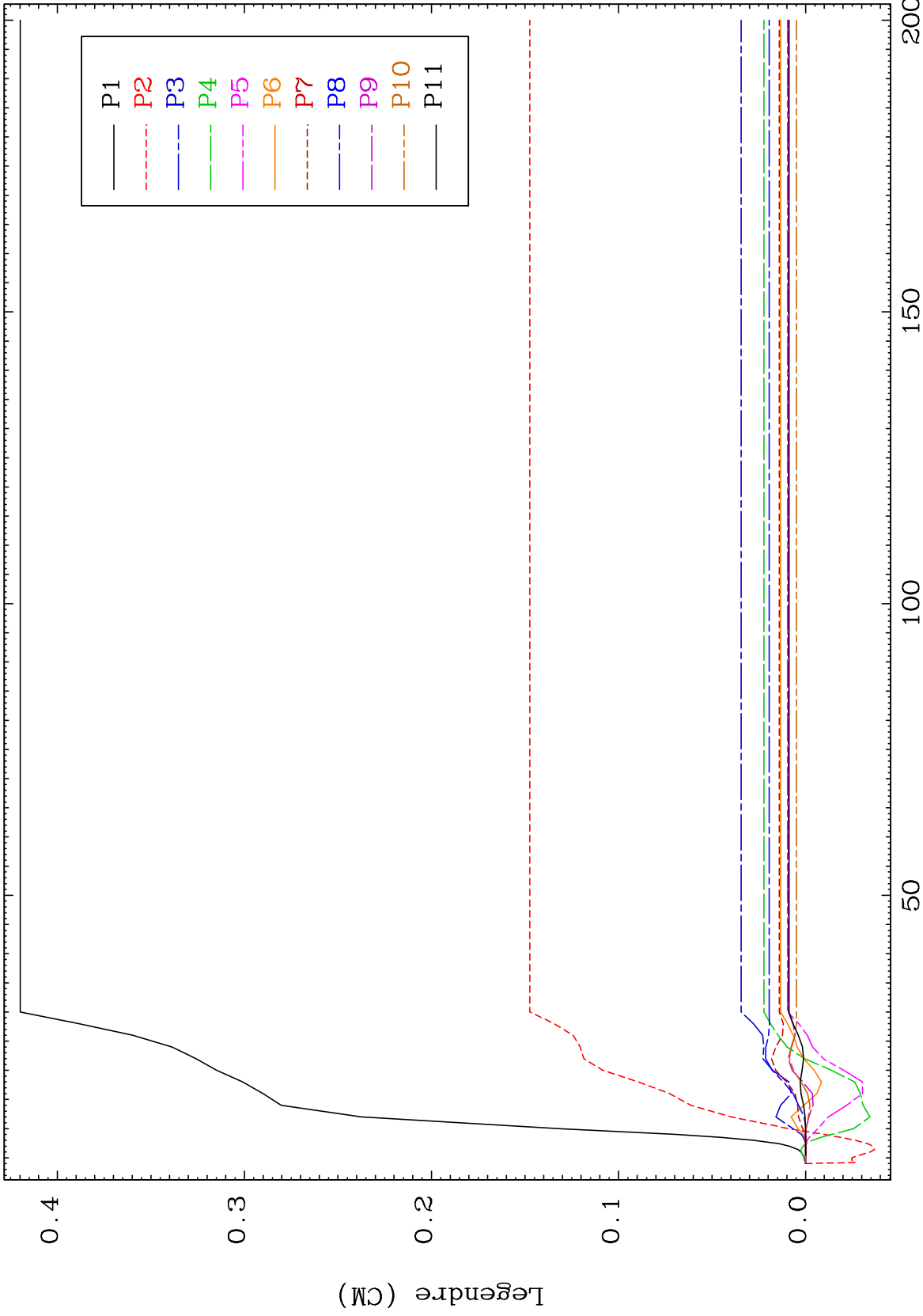
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



73

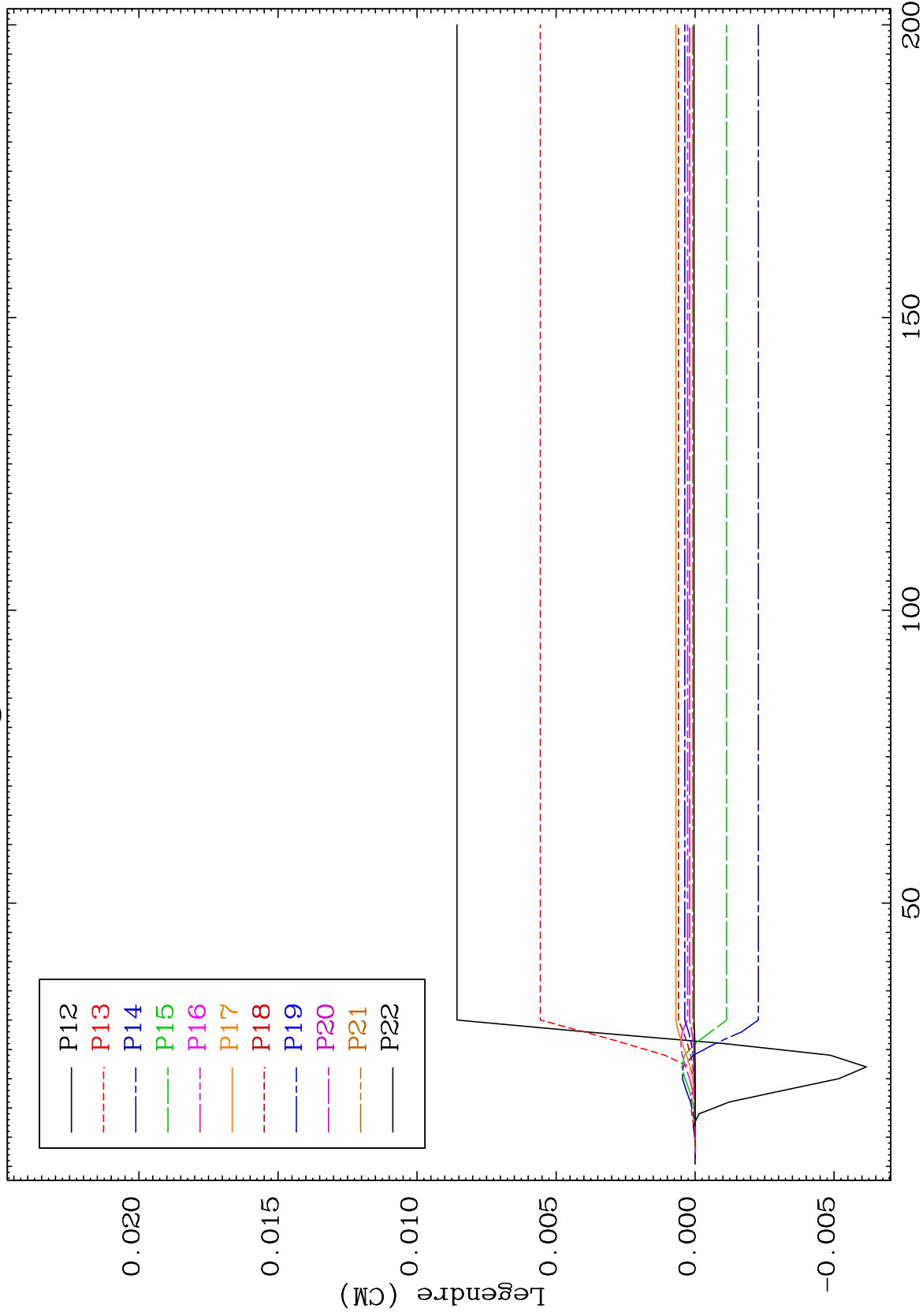
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



74

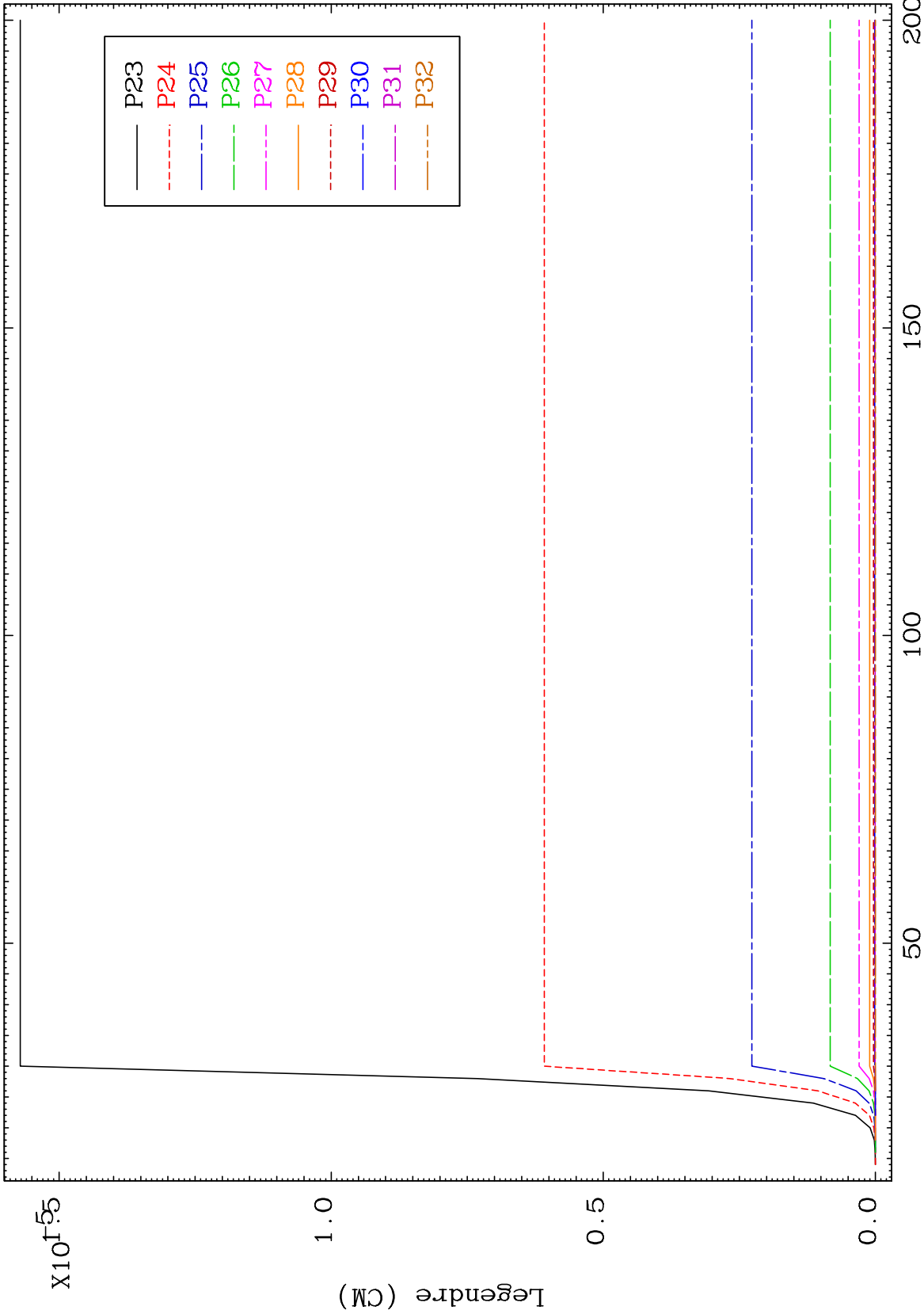
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



75

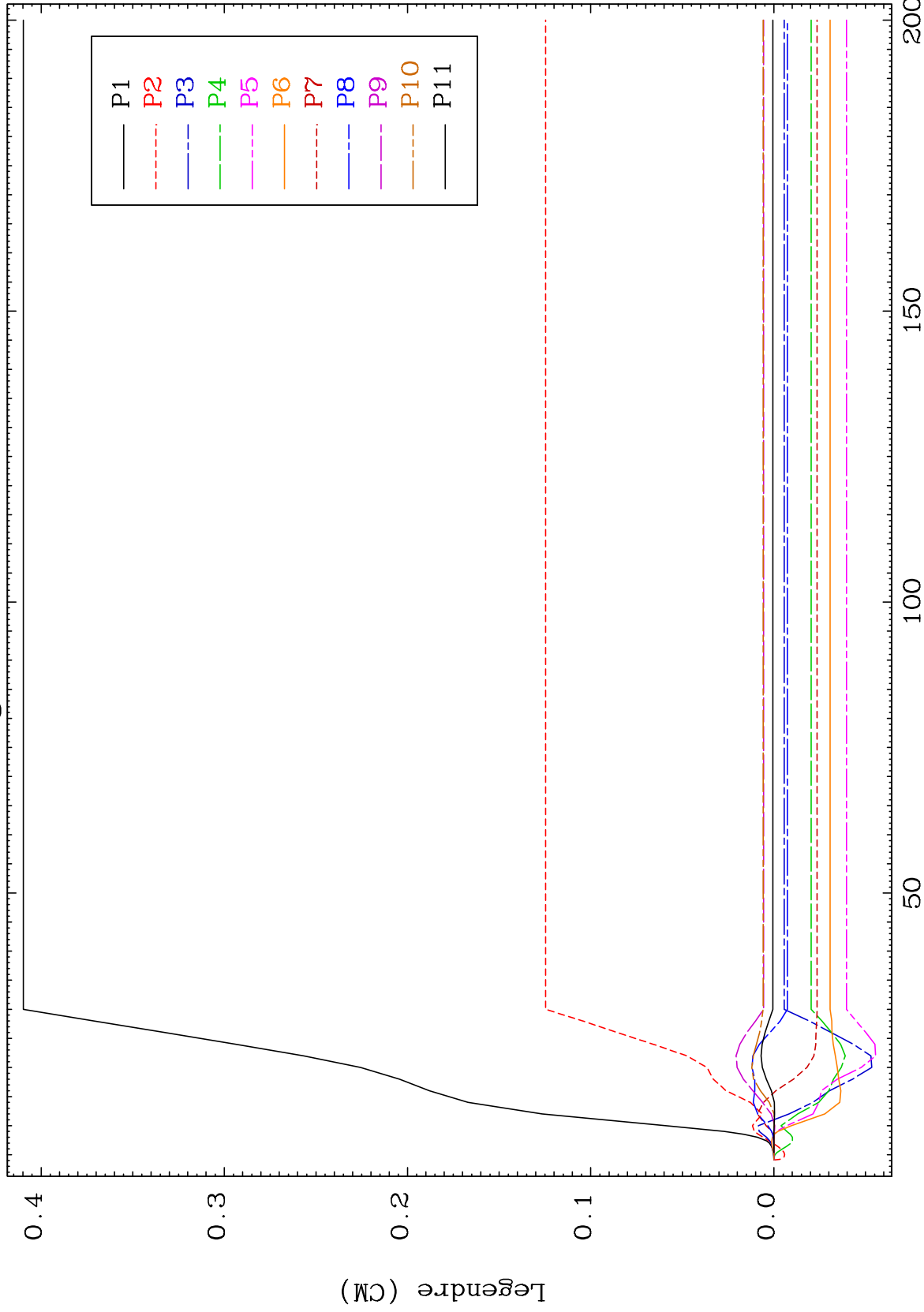
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



76

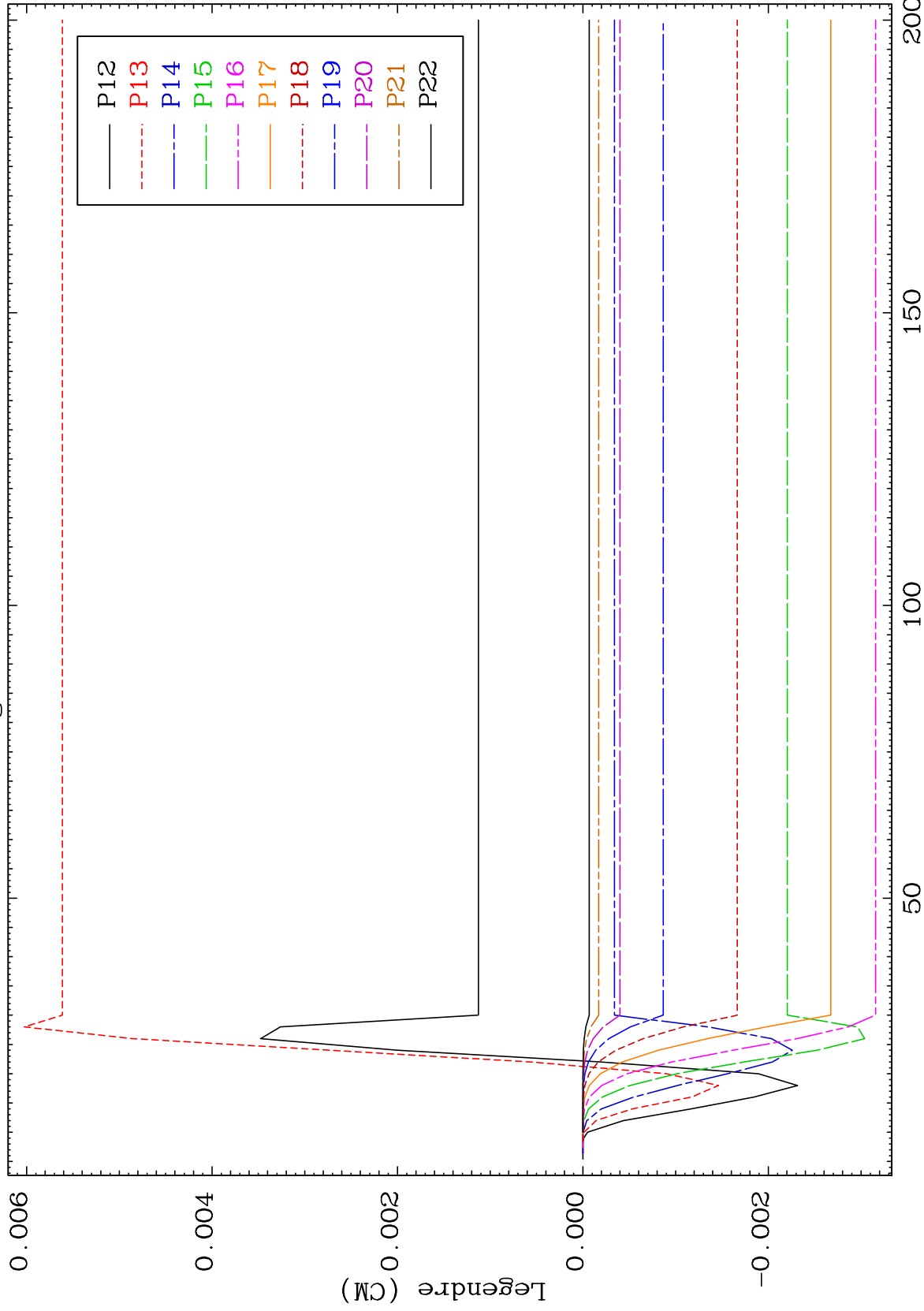
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



77

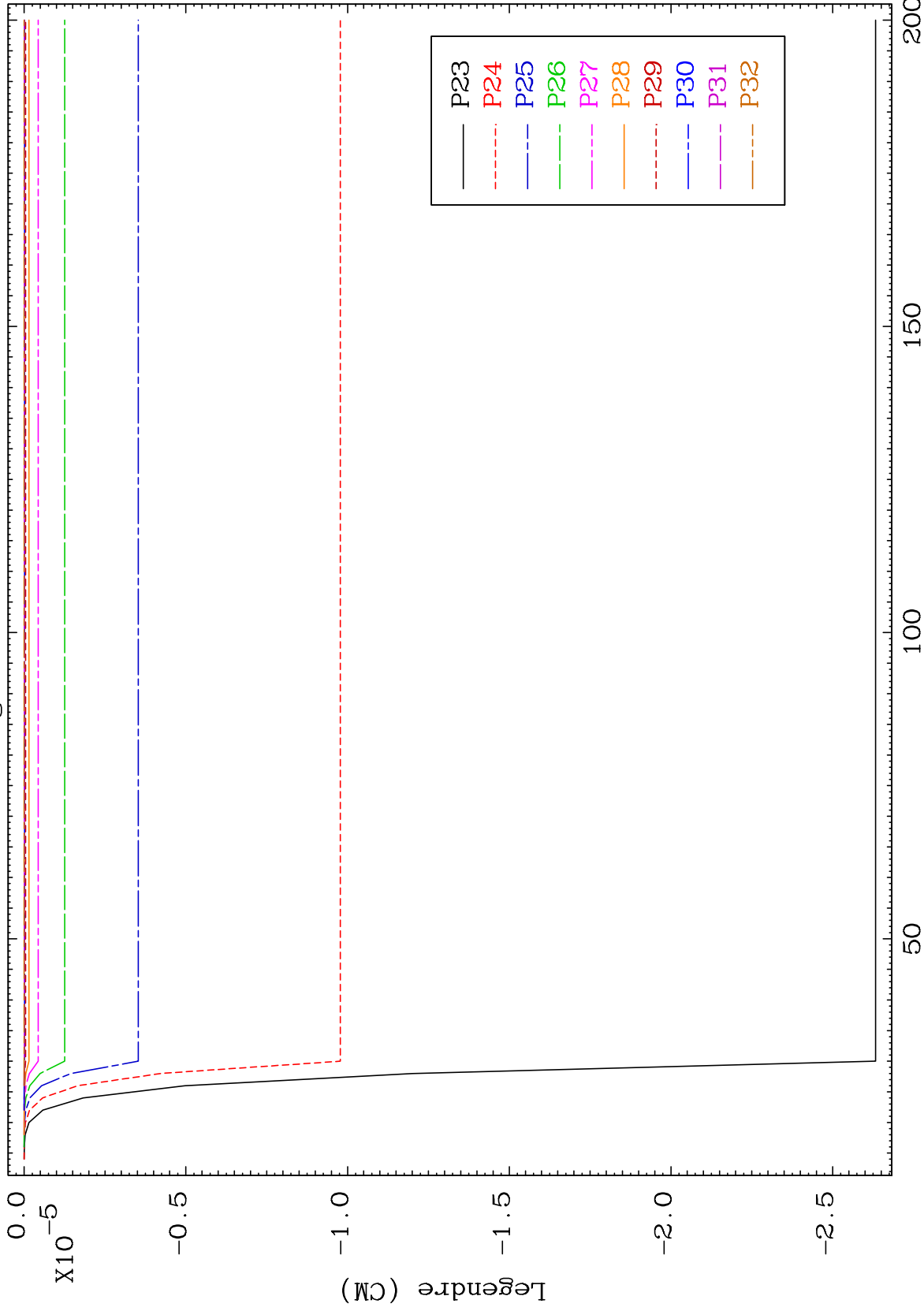
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



78

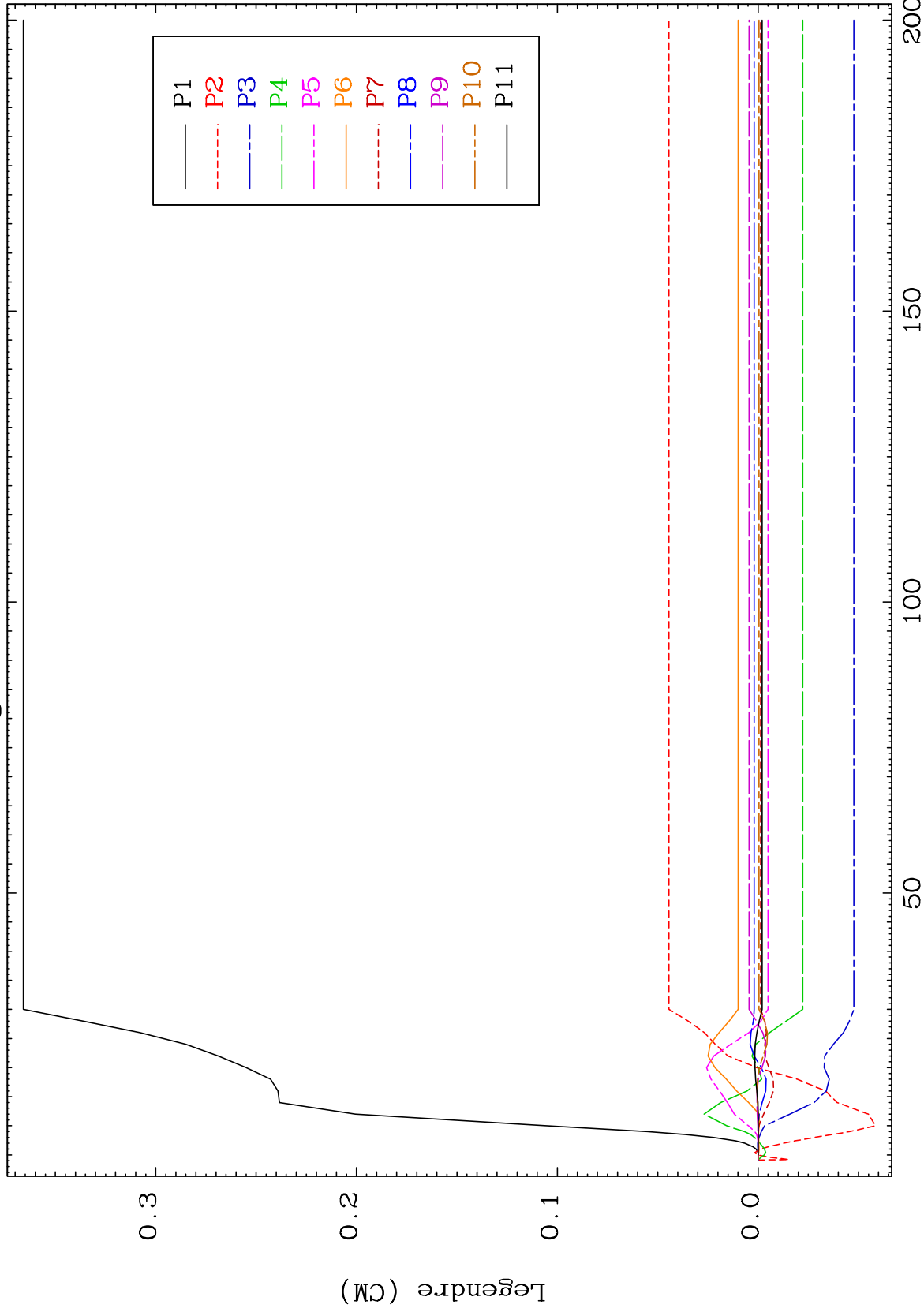
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



79

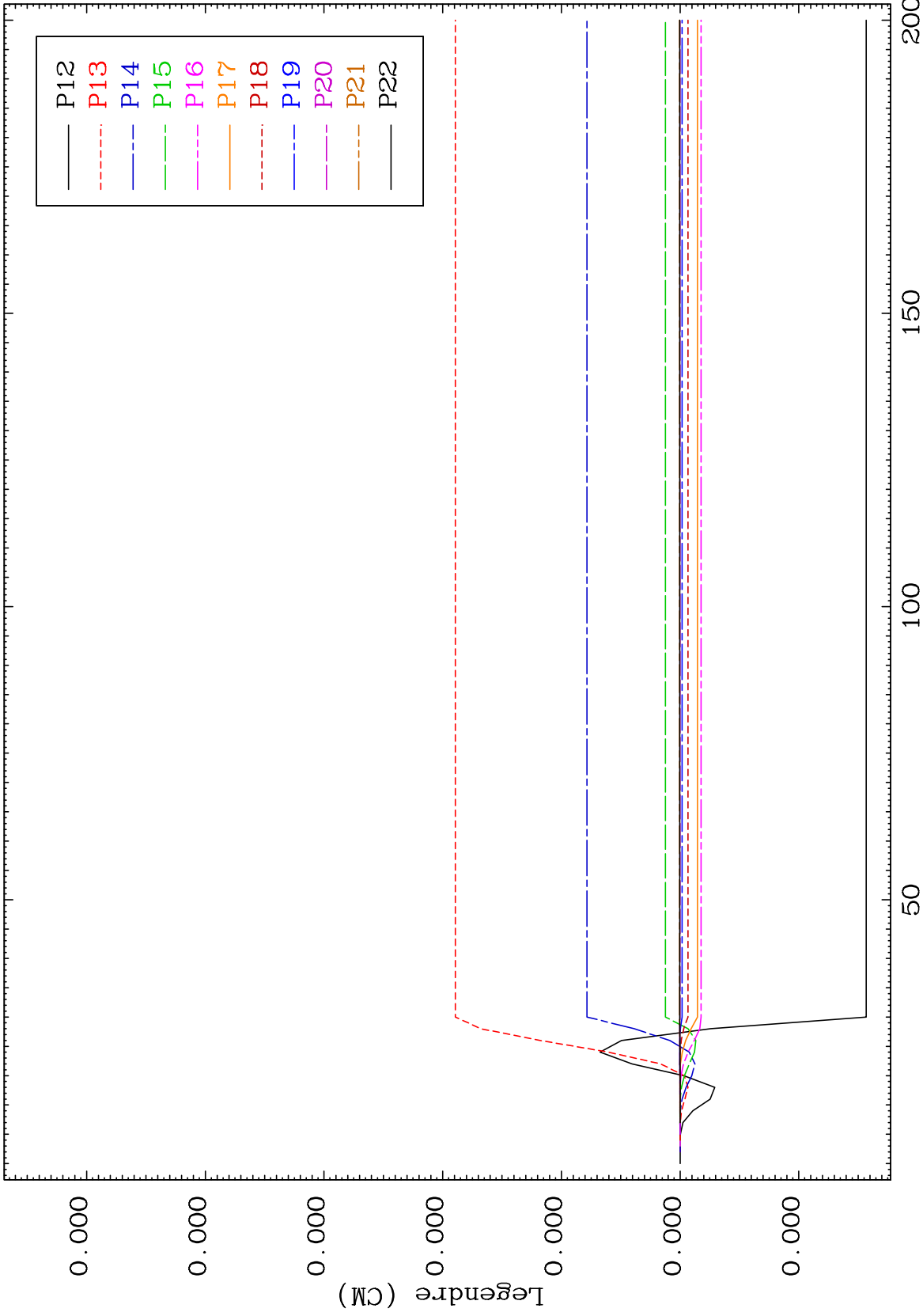
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



80

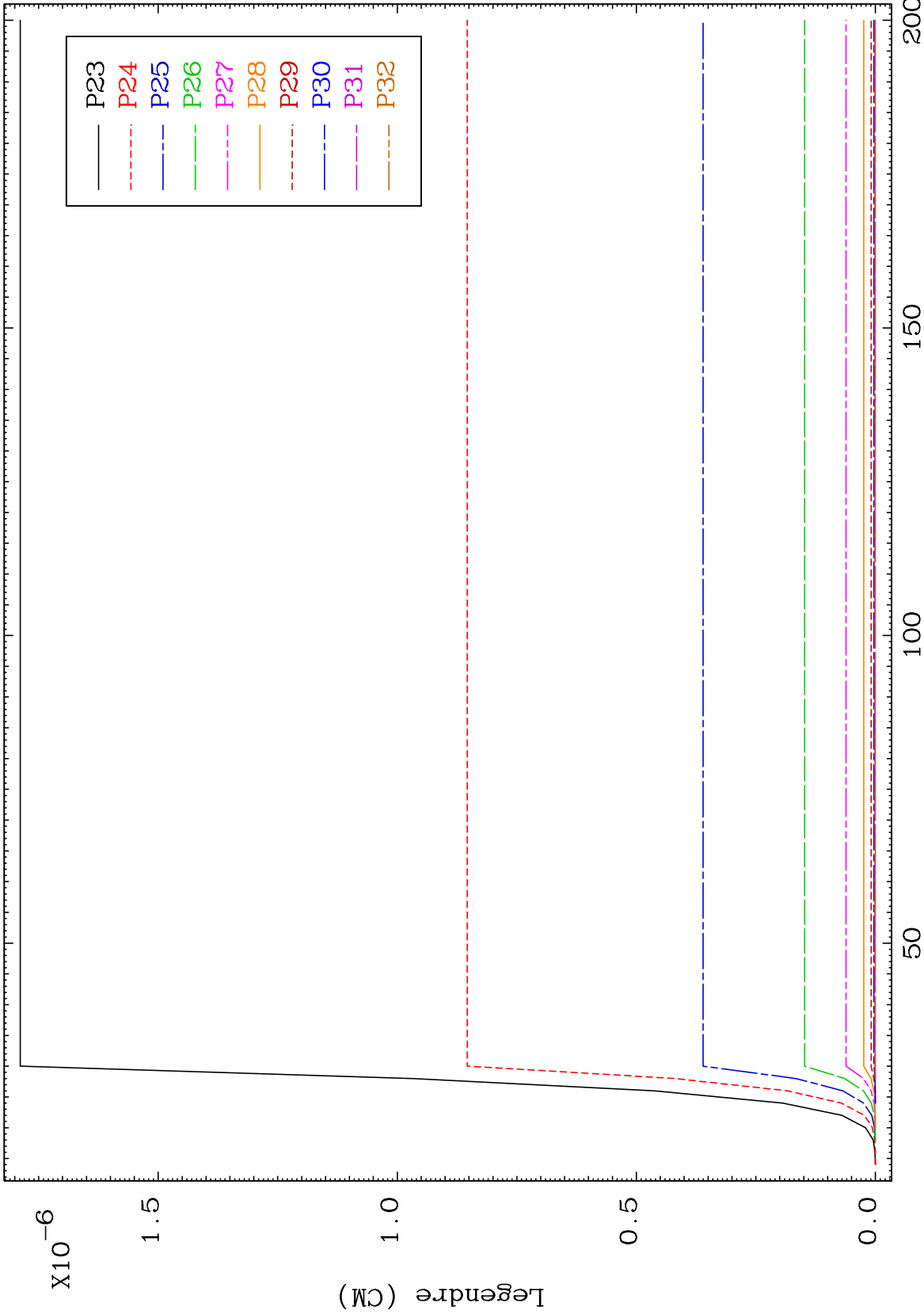
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



81

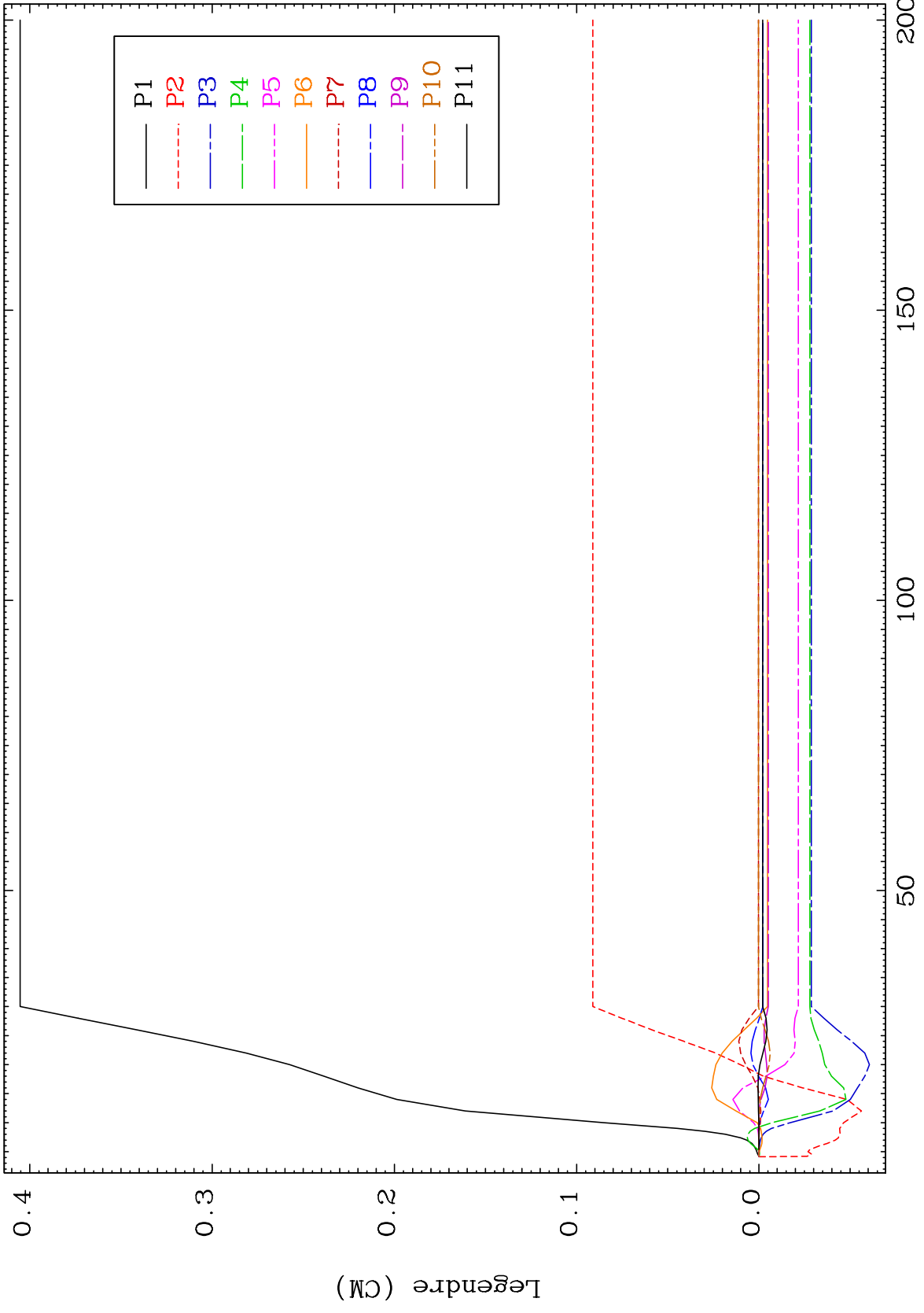
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



82

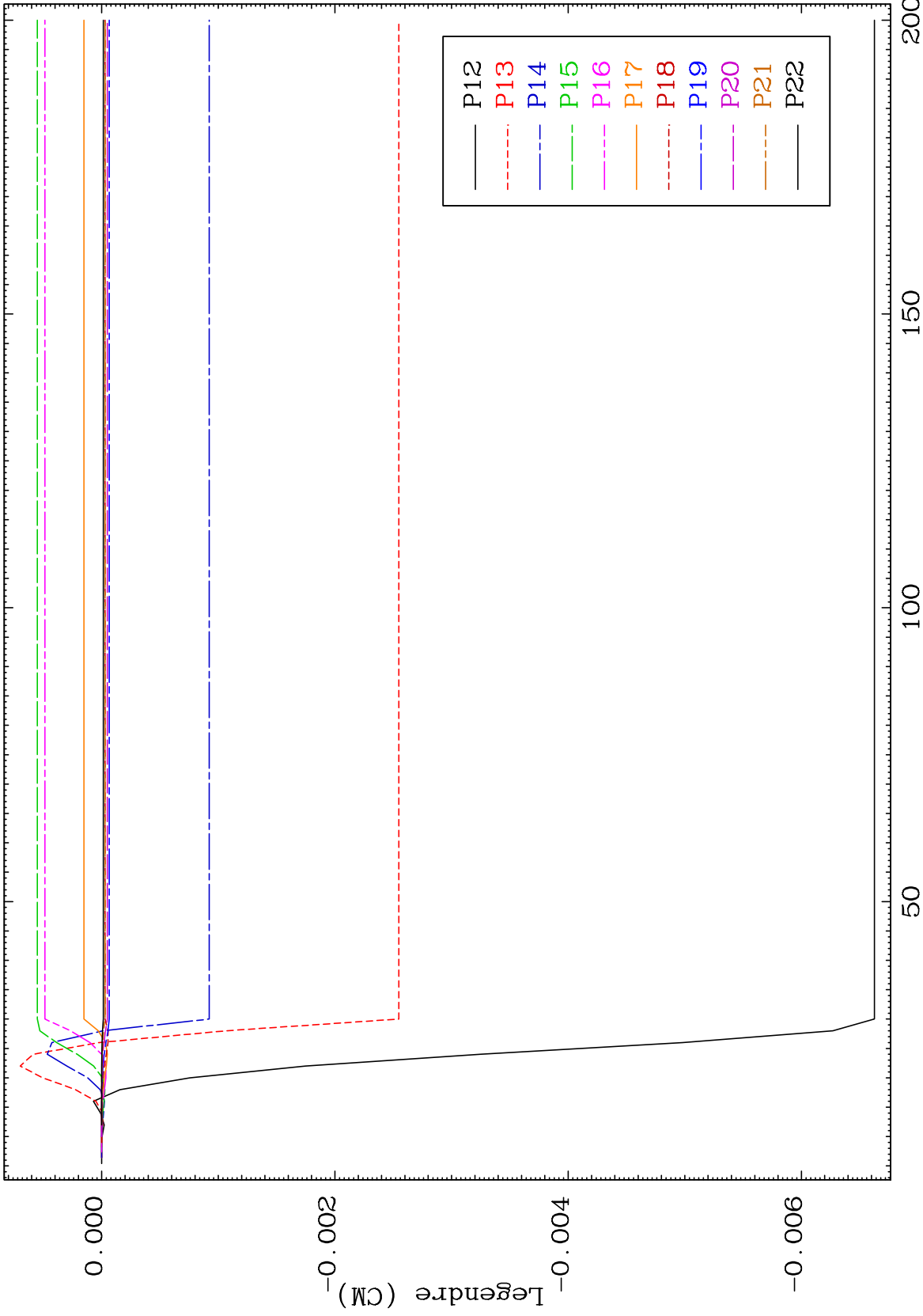
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



83

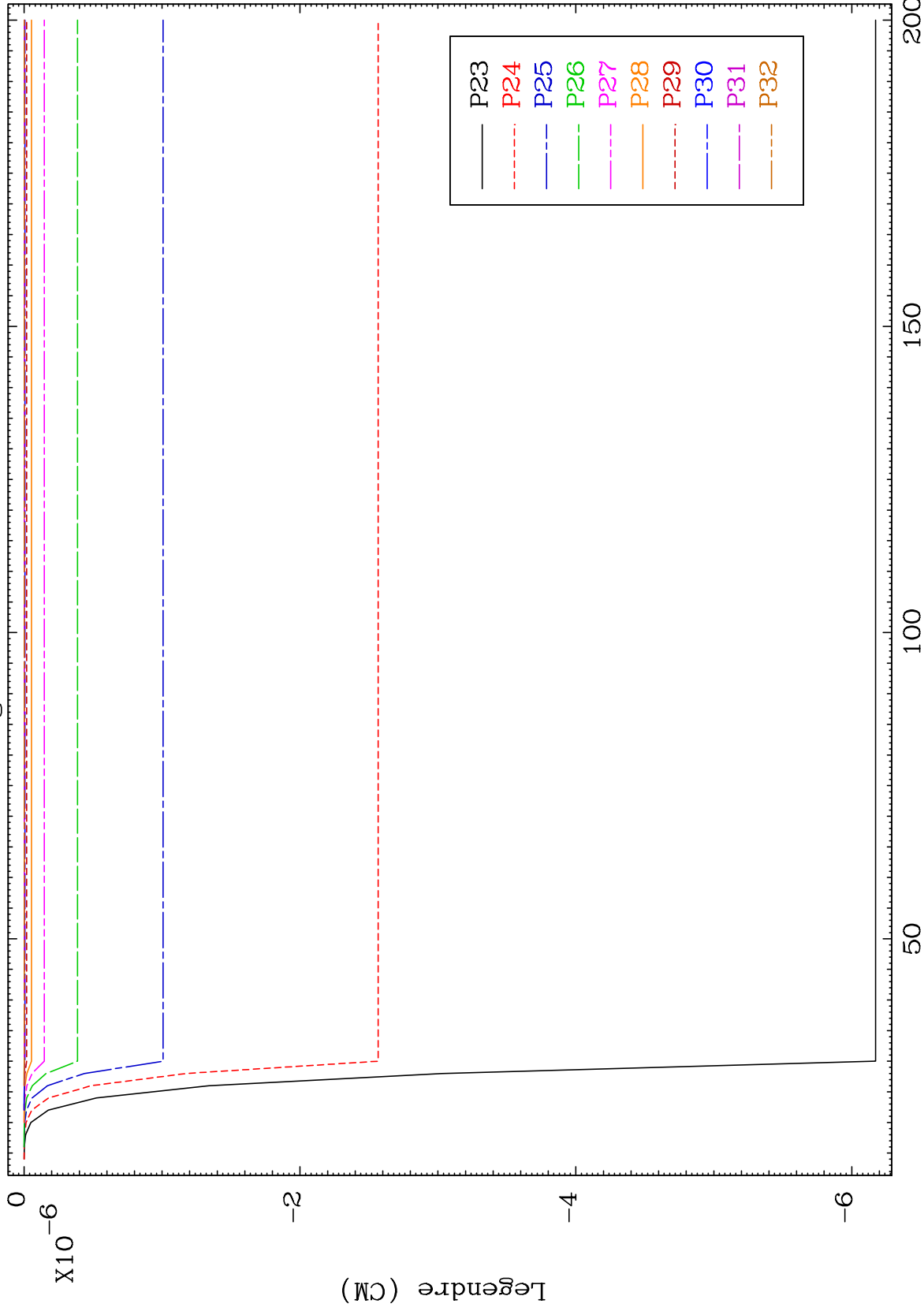
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



84

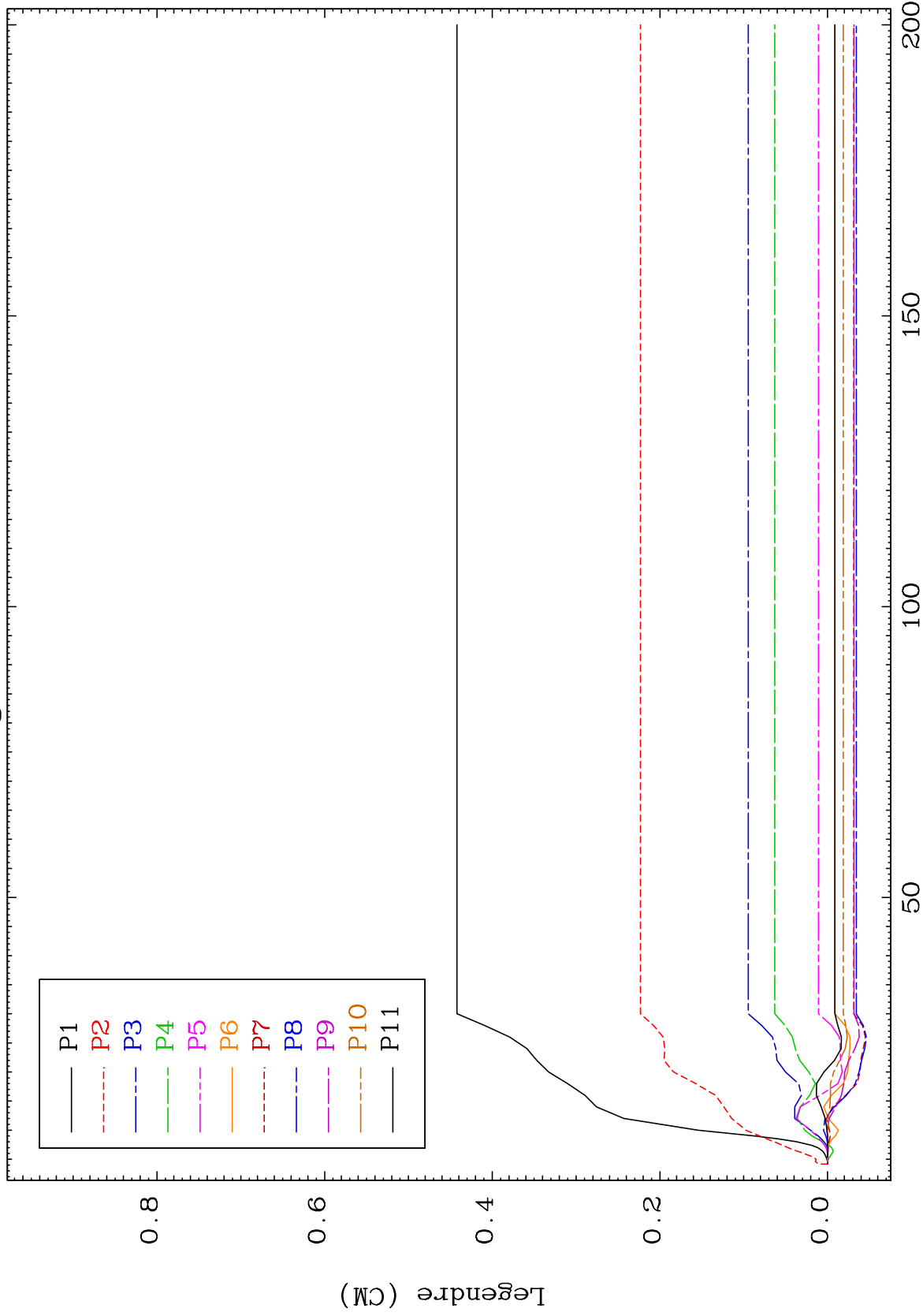
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



85

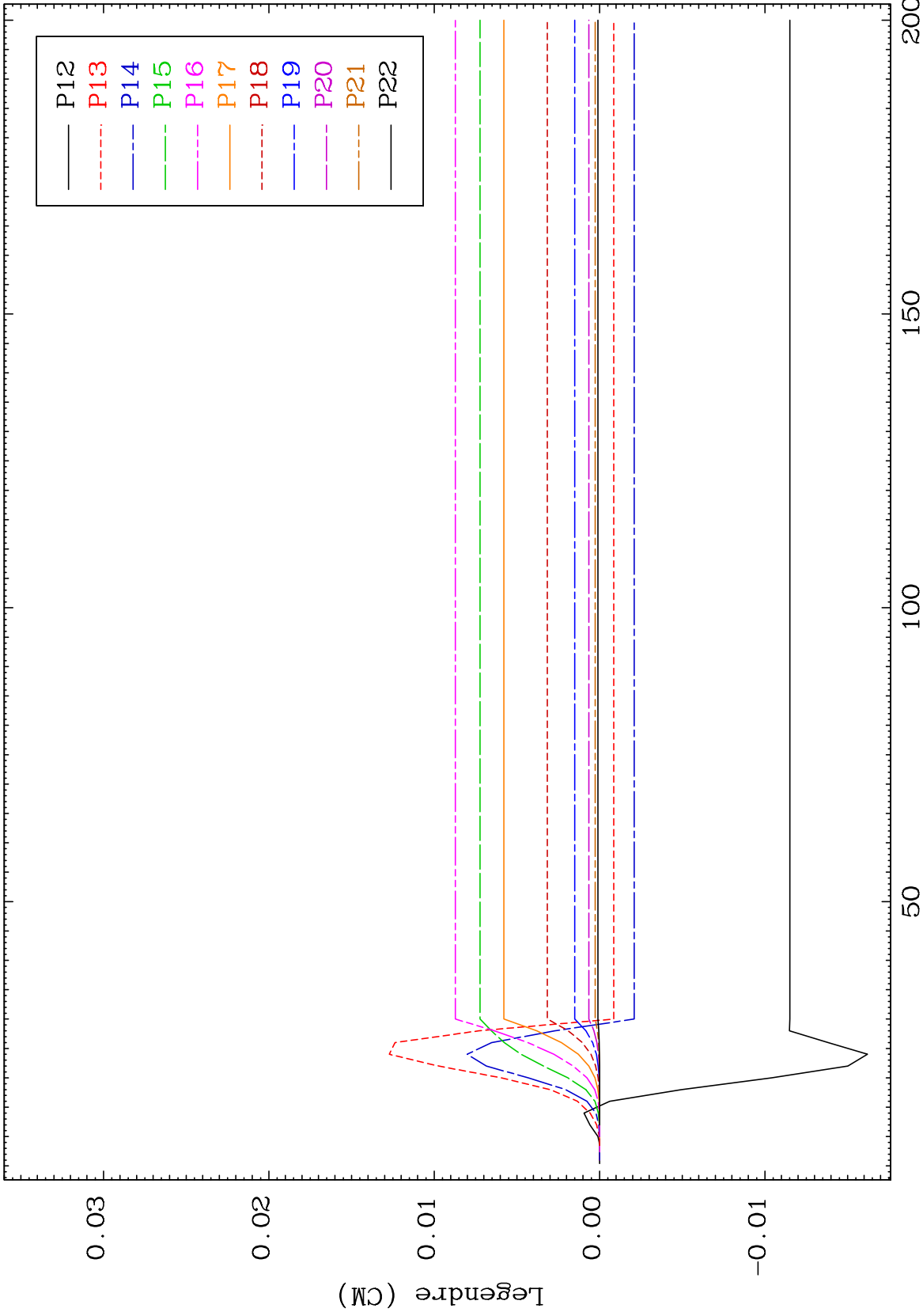
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



86

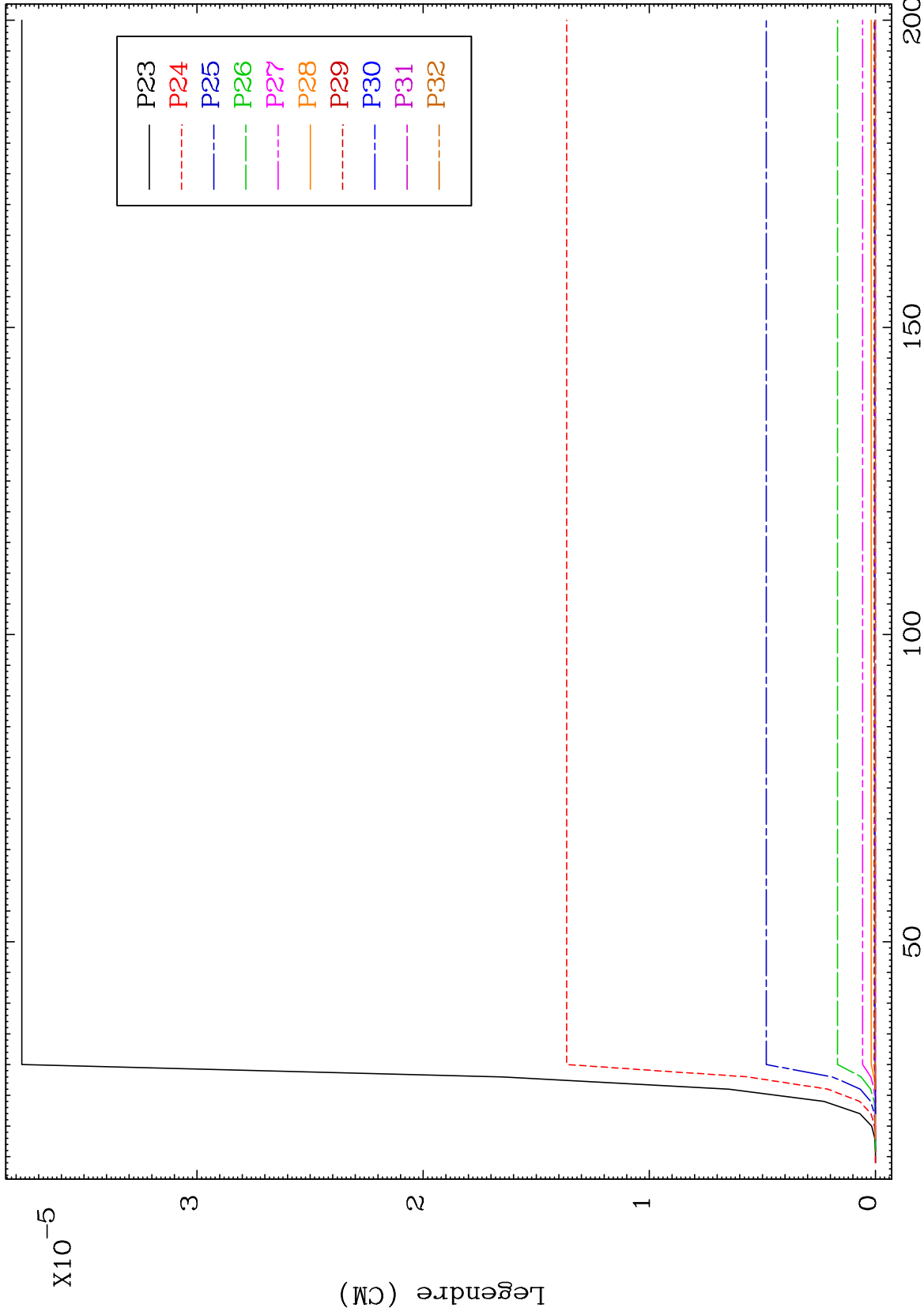
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



87

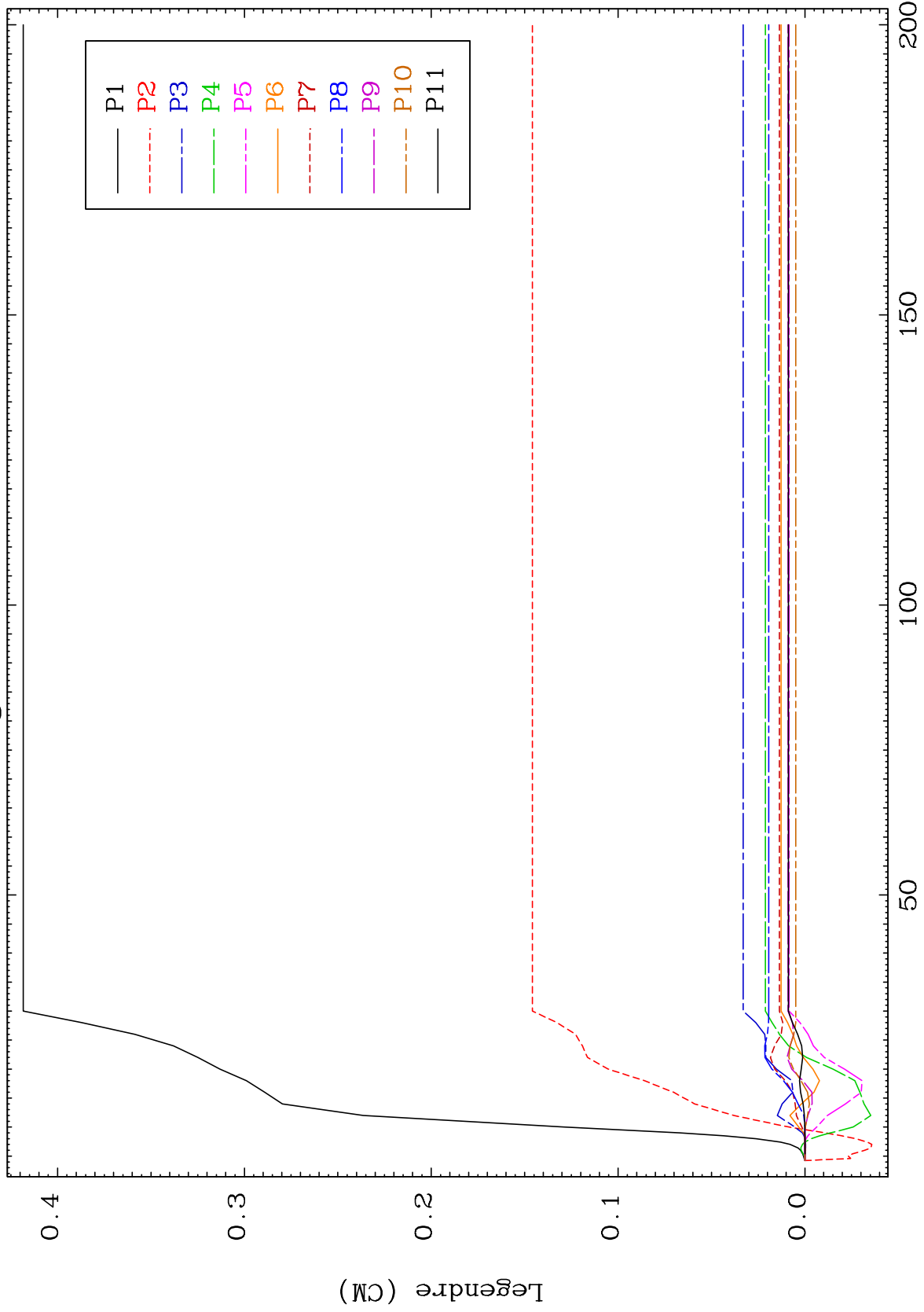
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

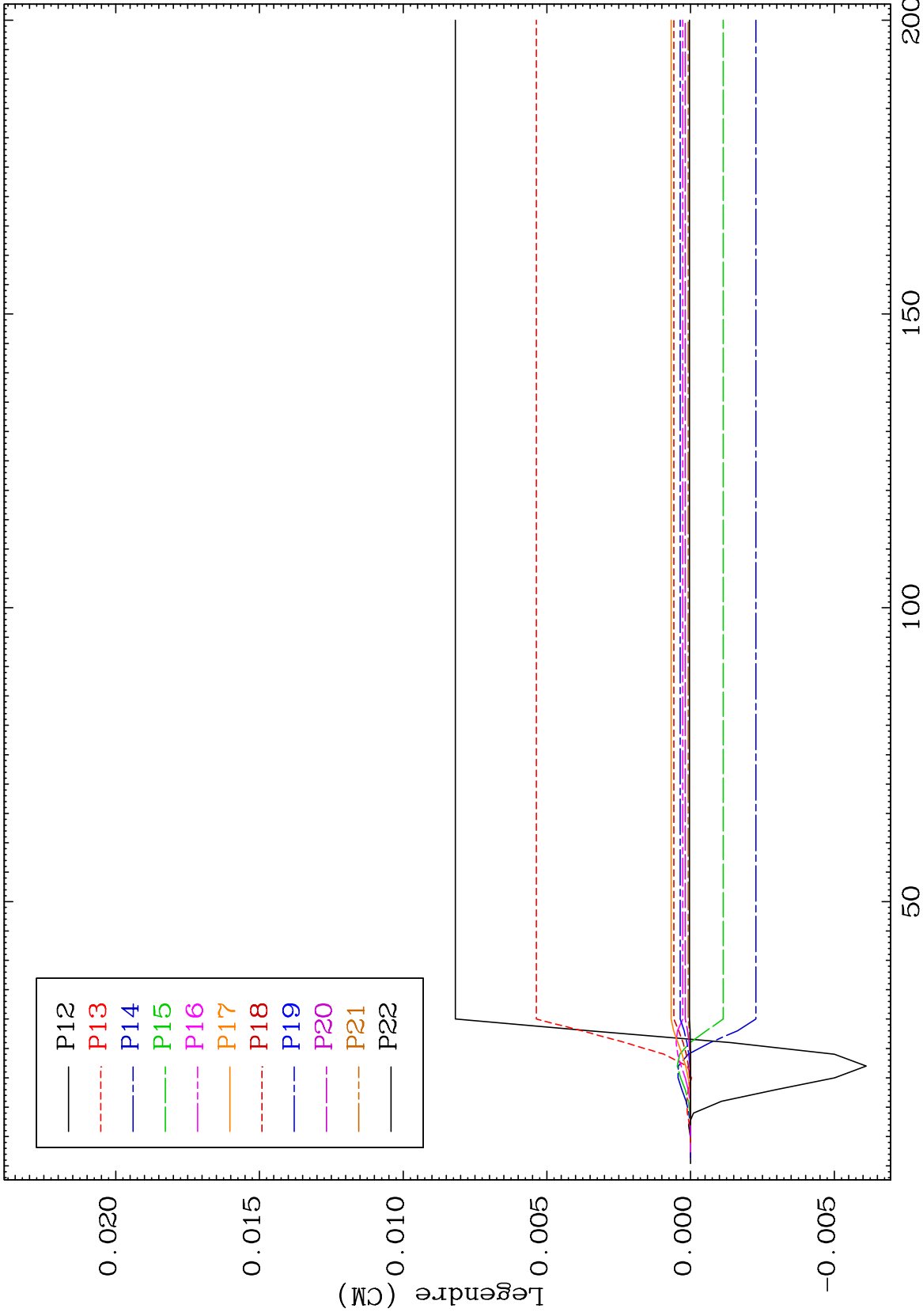
36-Kr-86



88

Incident Energy (MeV)

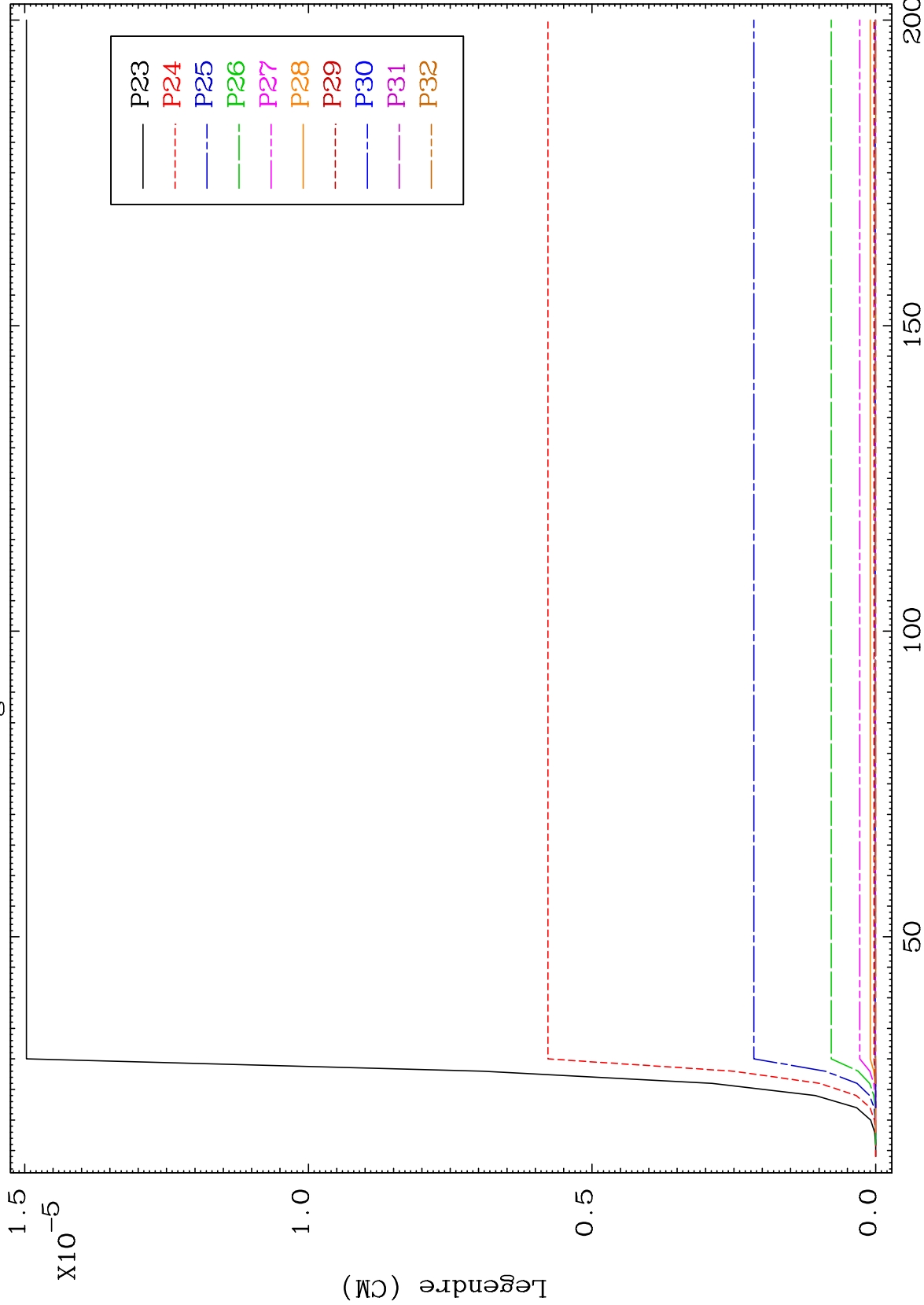
36-Kr-86



MAT 3649

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

36-Kr-86



90

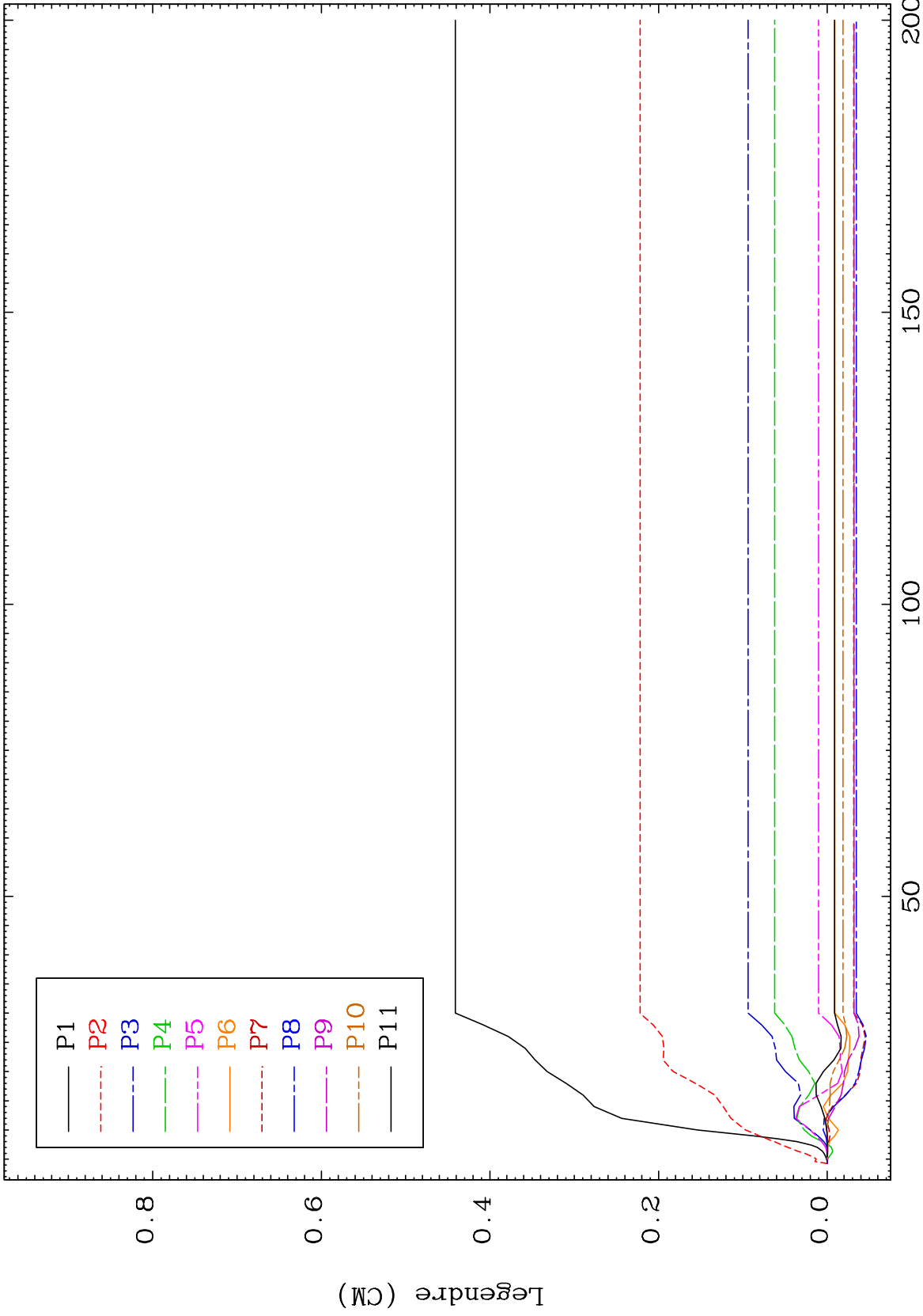
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



91

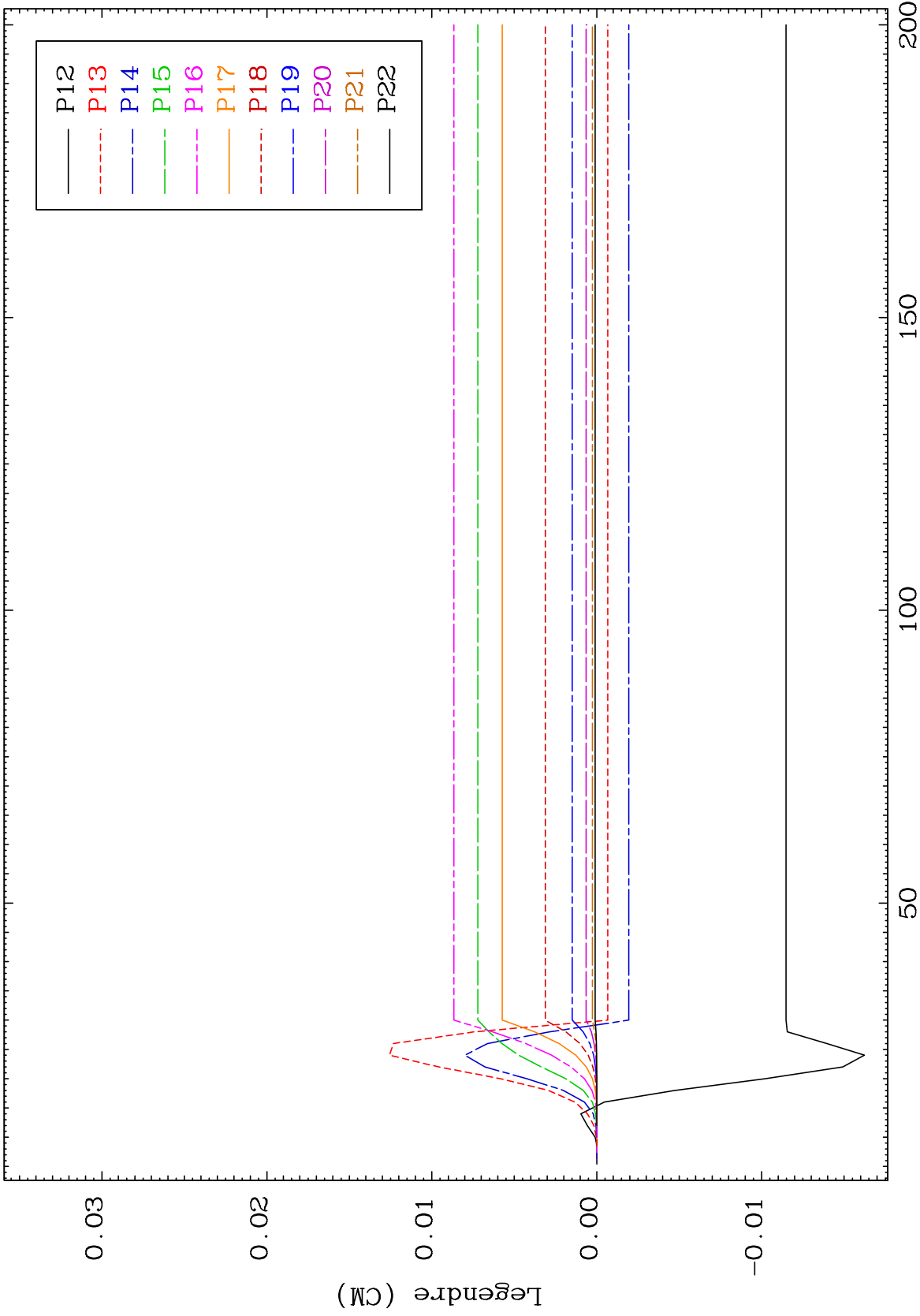
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



92

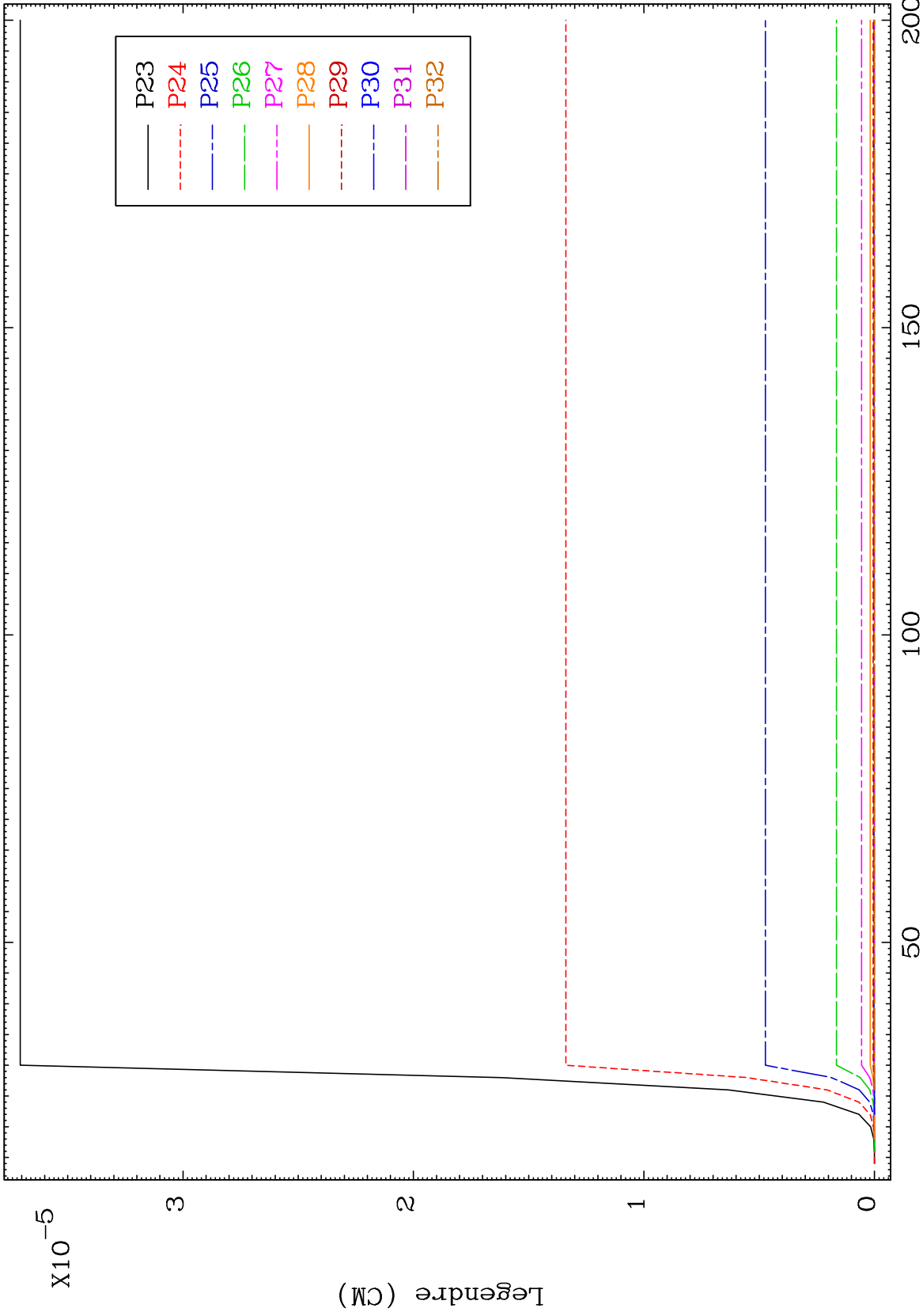
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



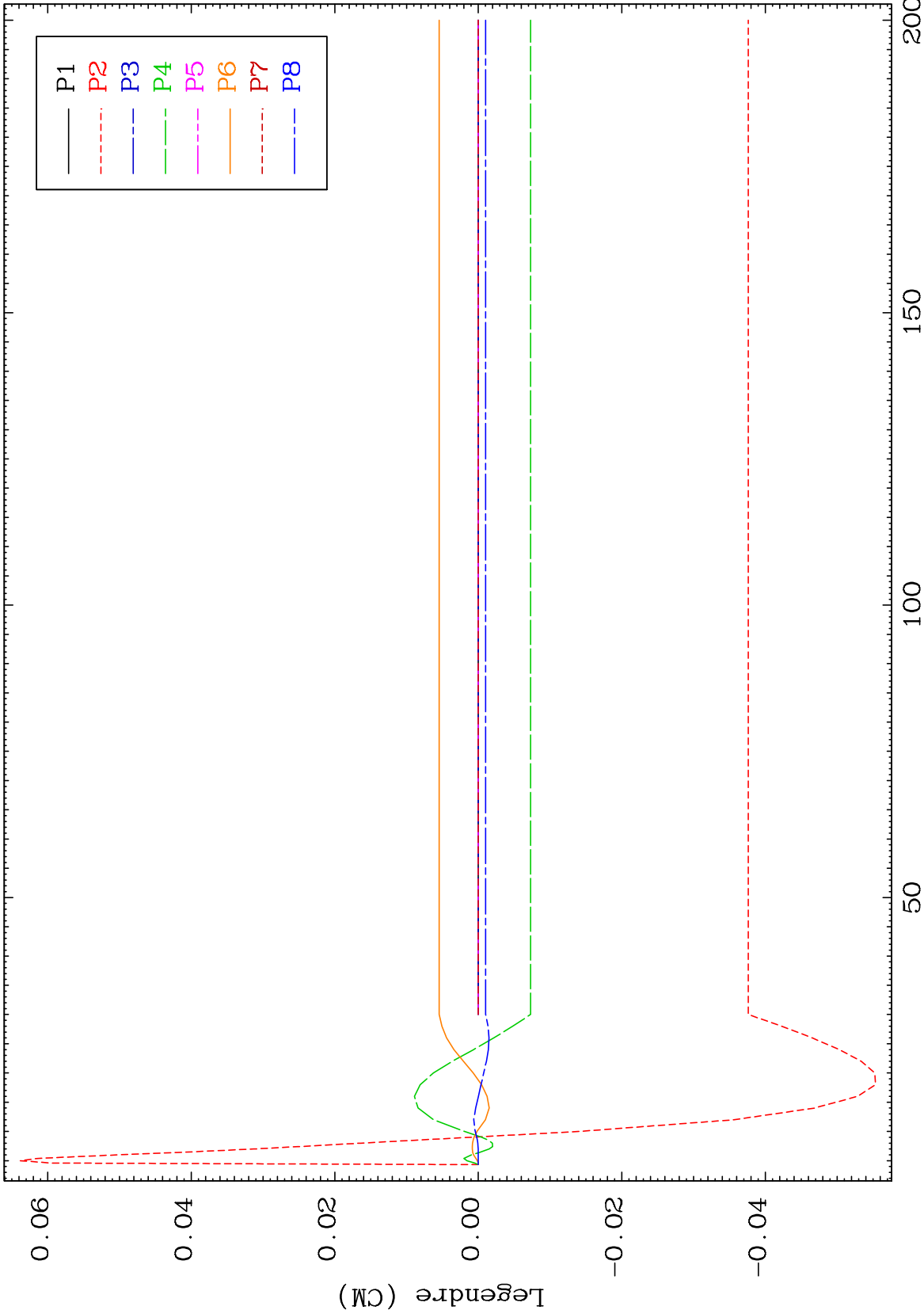
93

36-Kr-86

MAT 3649

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

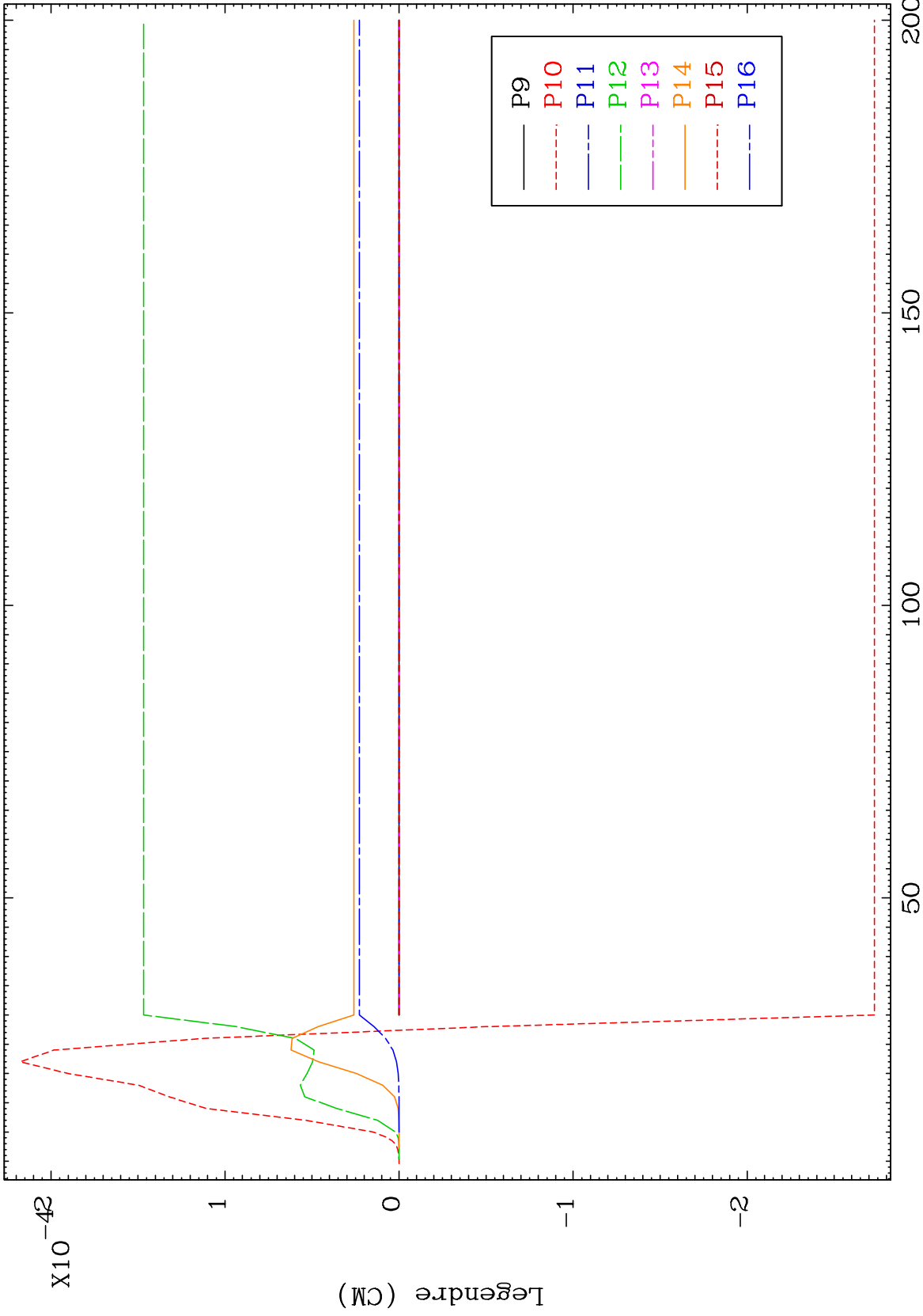
36-Kr-86



94

Incident Energy (MeV)

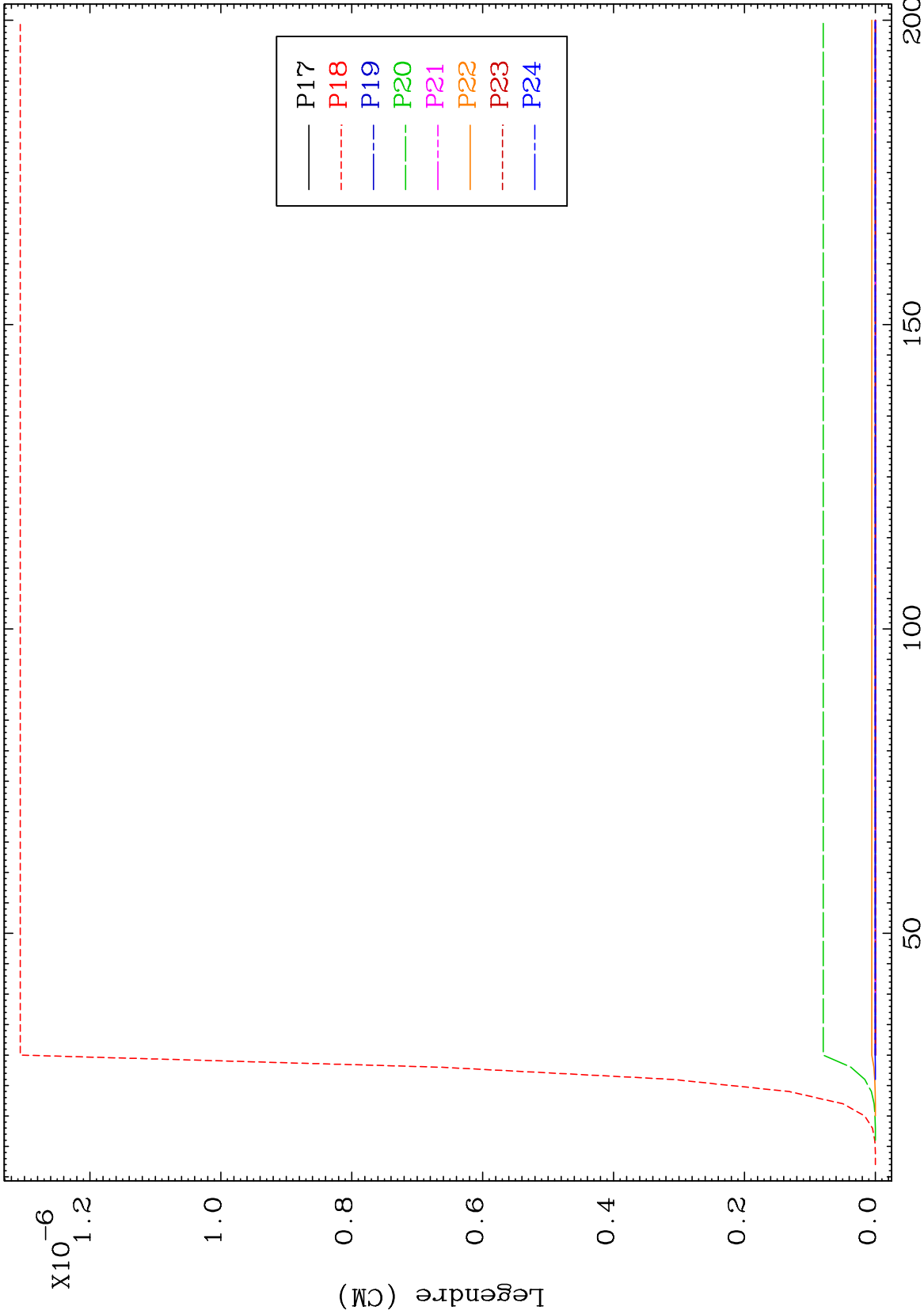
36-Kr-86



MAT 3649

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

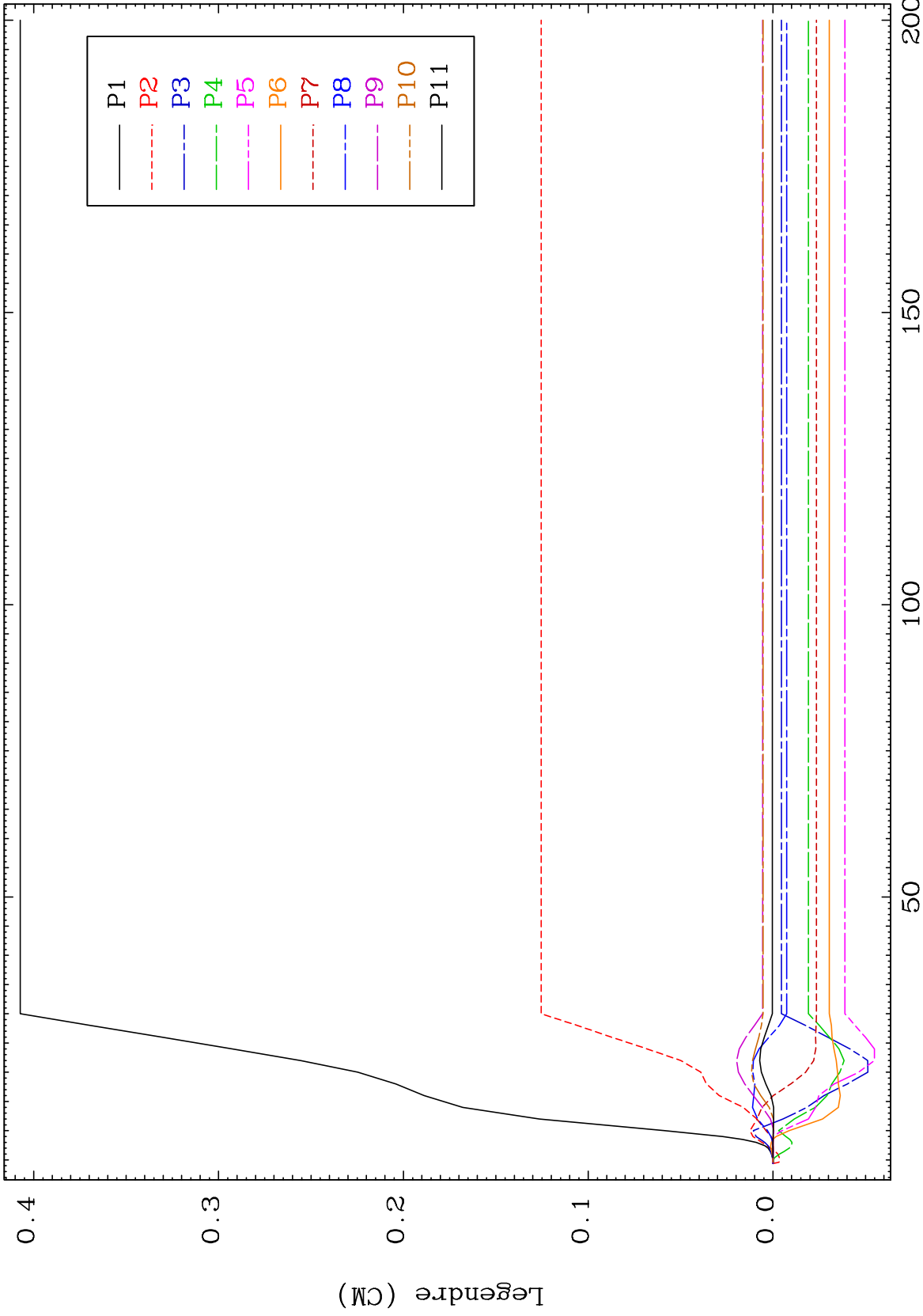
36-Kr-86



96

Incident Energy (MeV)

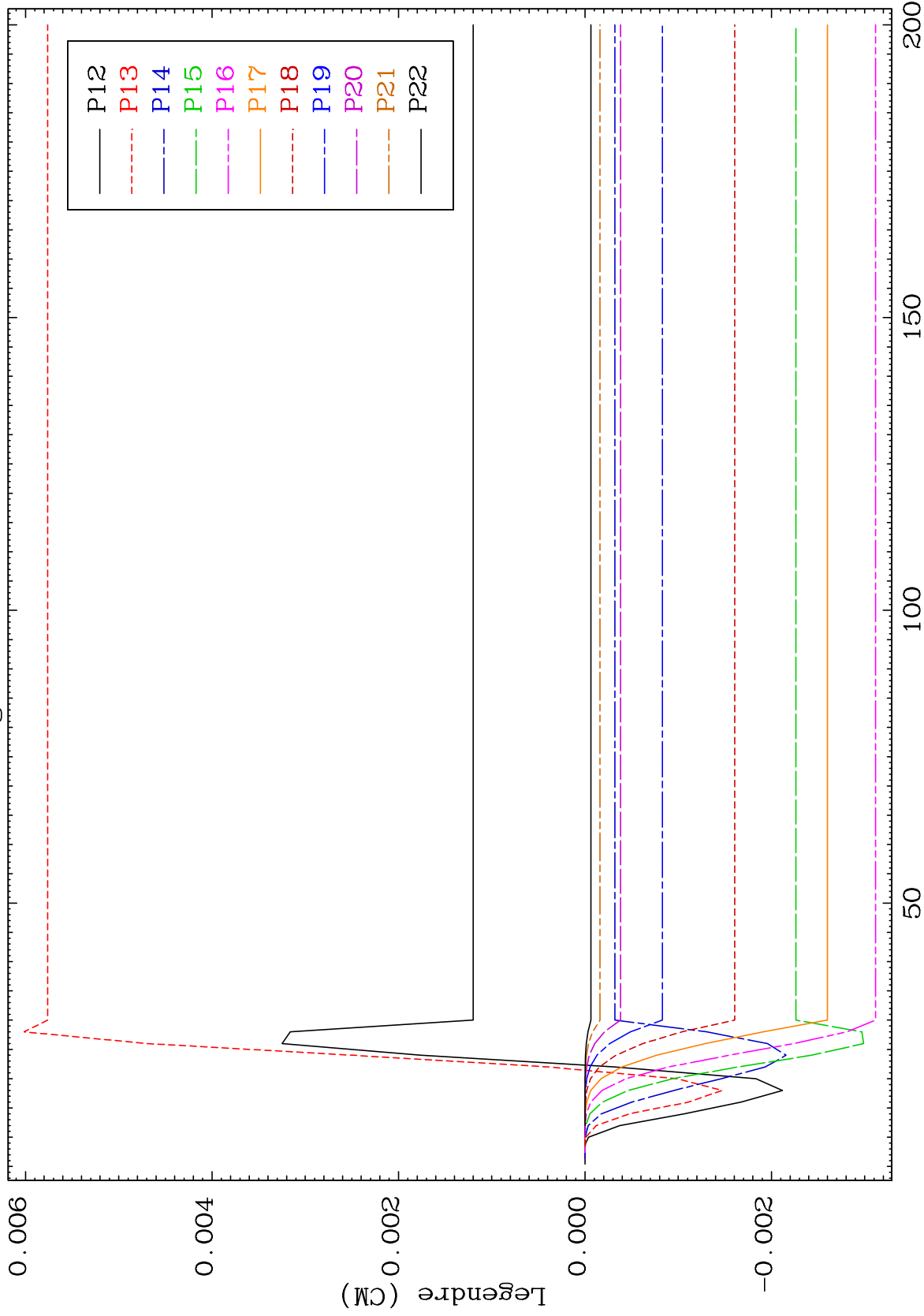
36-Kr-86



MAT 3649

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

36-Kr-86



98

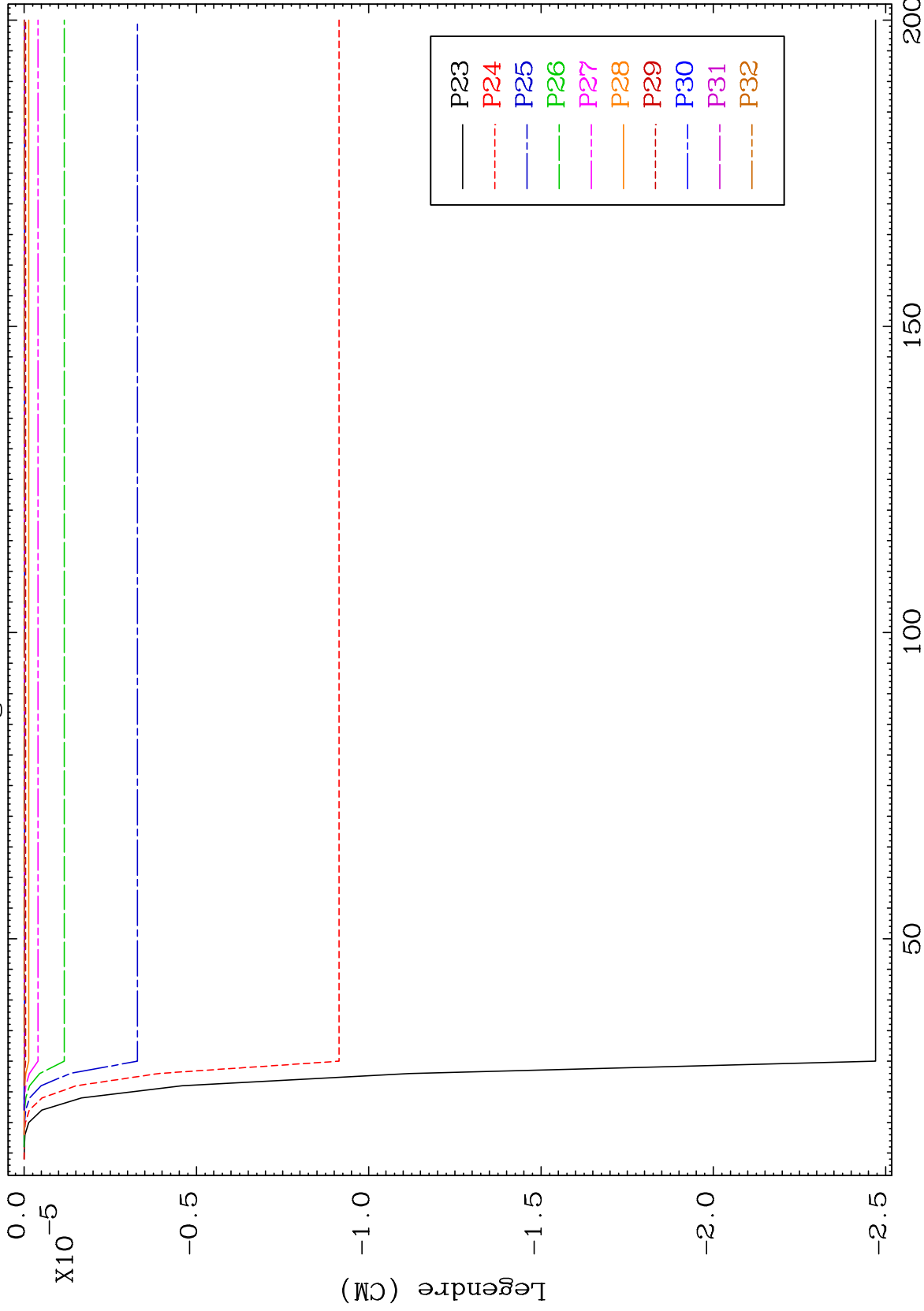
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



99

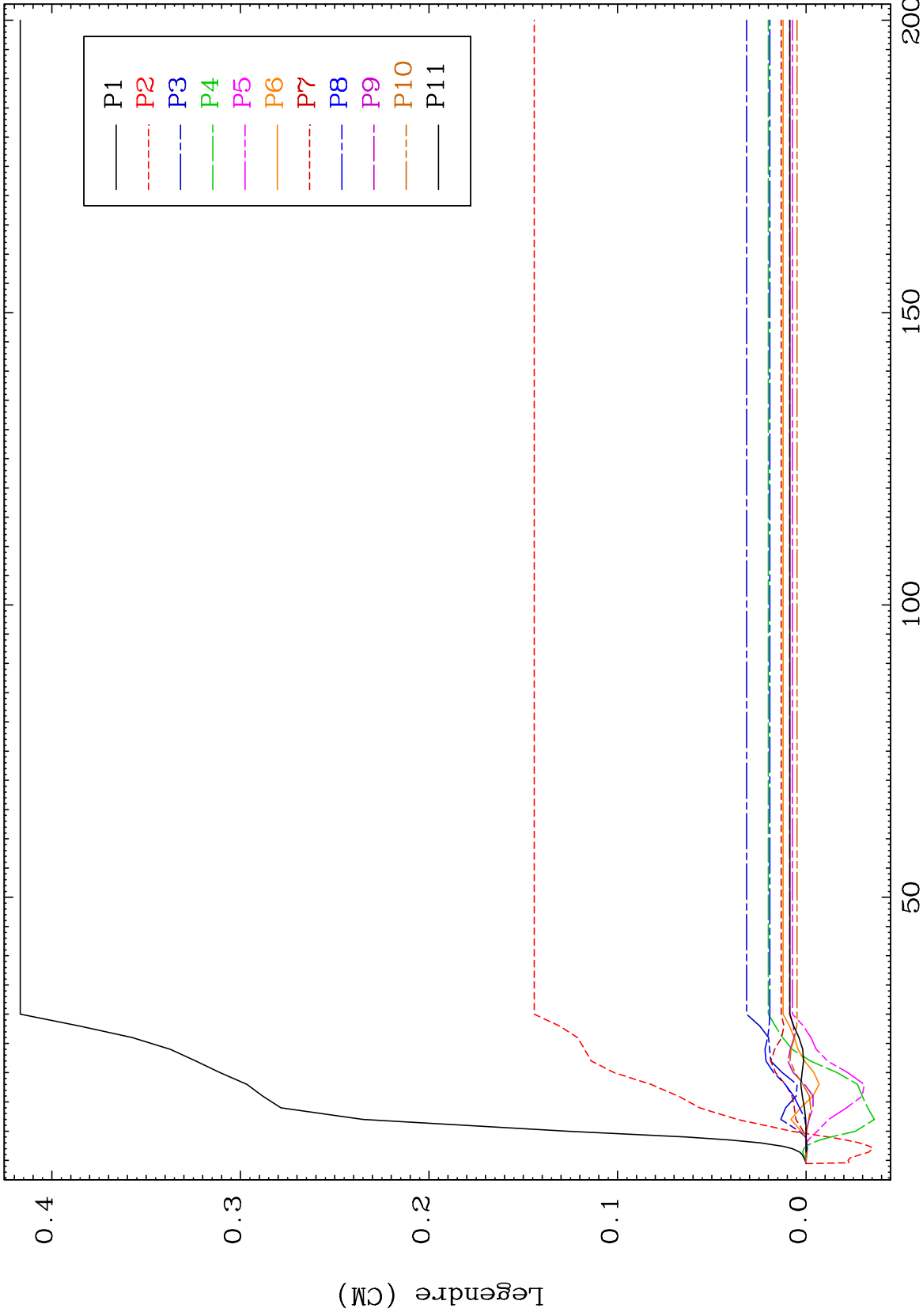
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



100

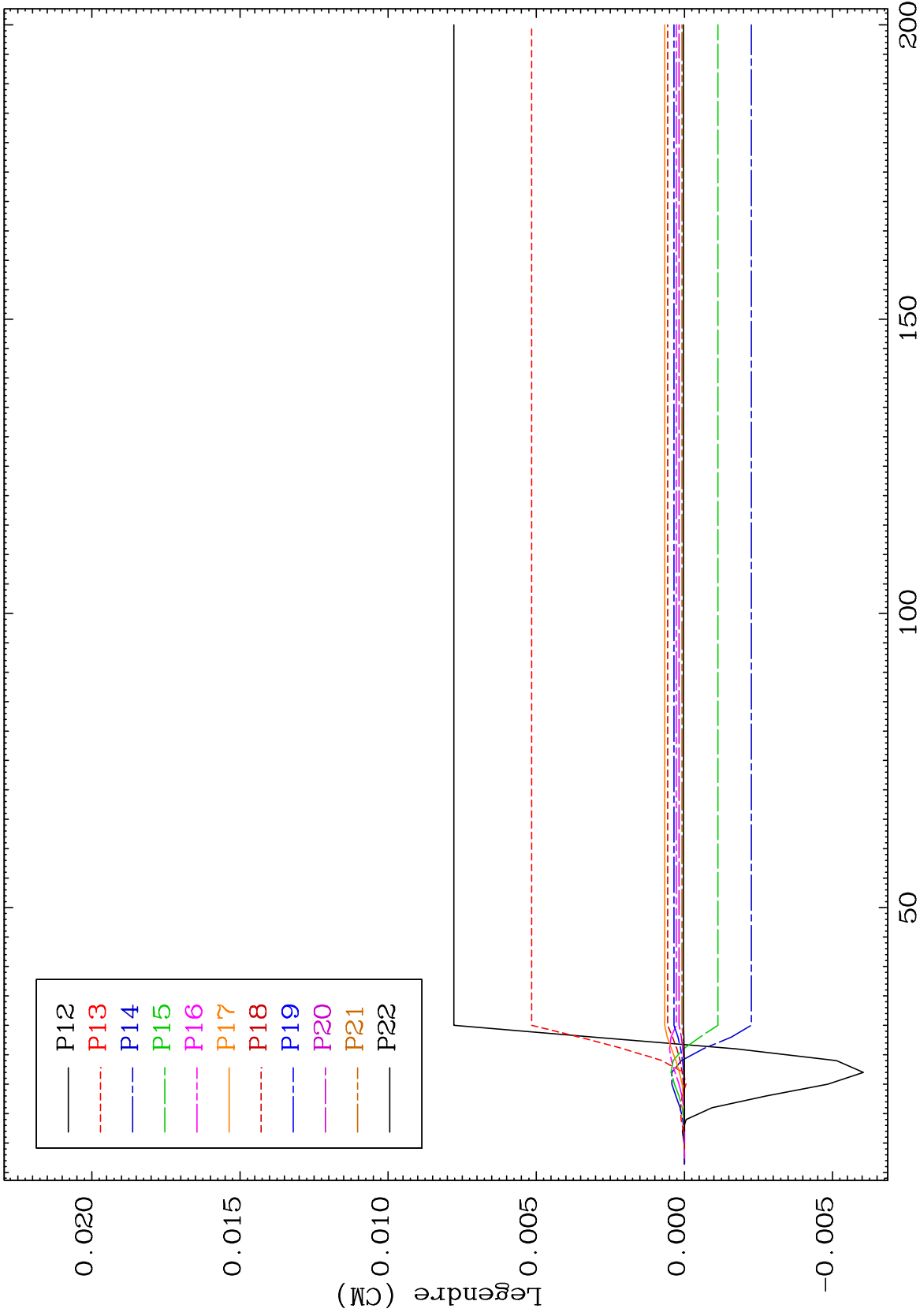
50

100

150

200

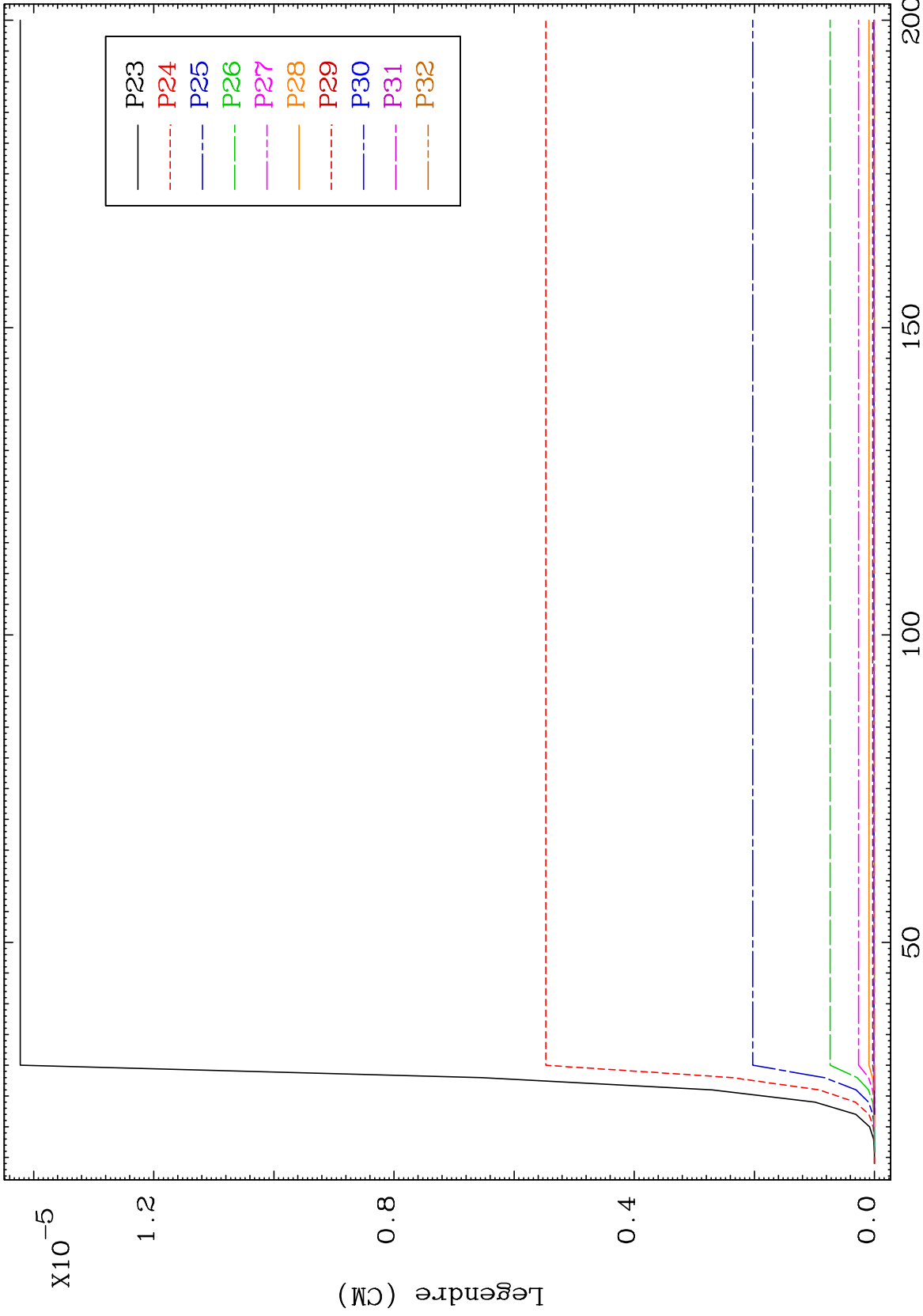
36-Kr-86



MAT 3649

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

36-Kr-86



102

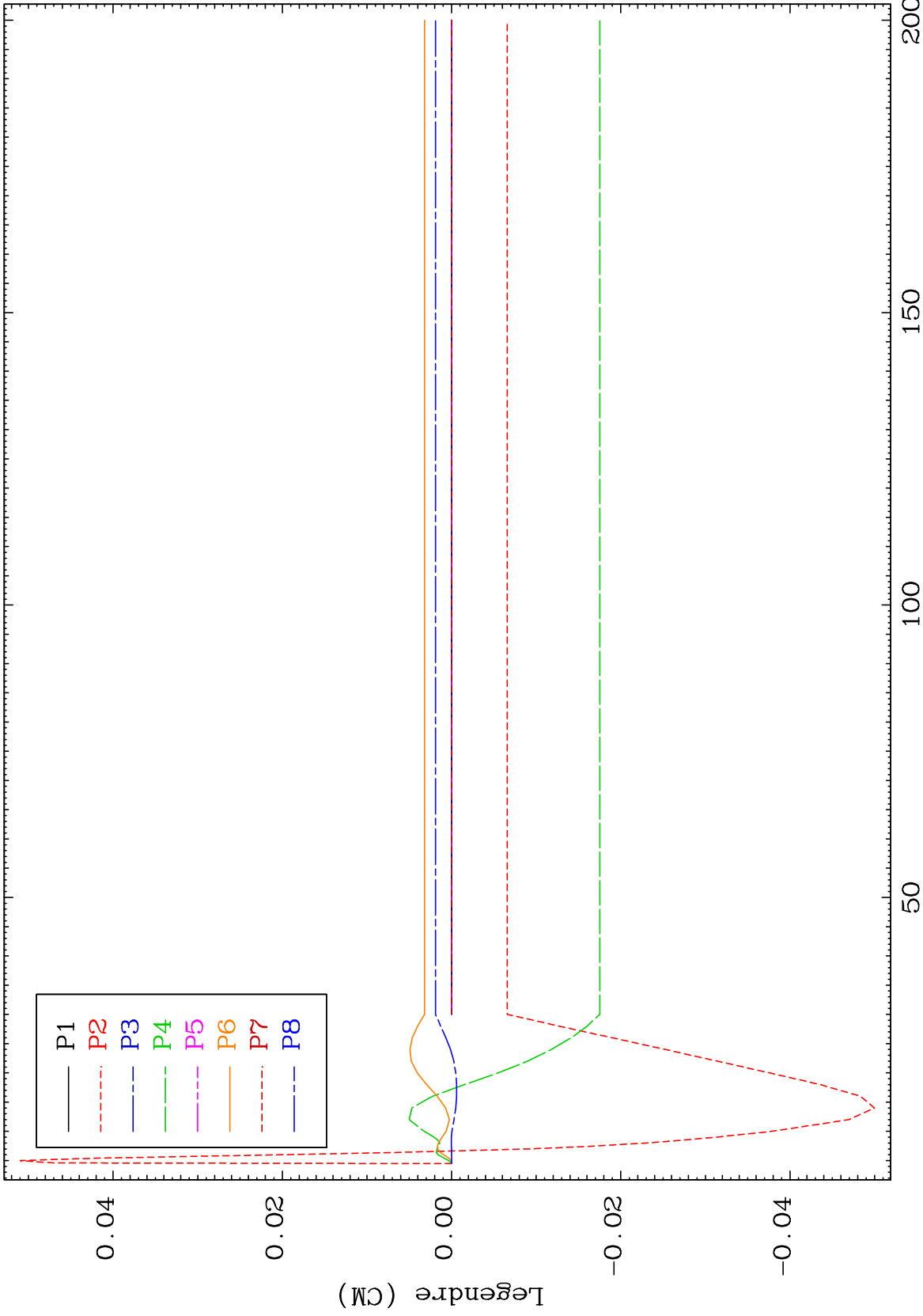
36-Kr-86

36-Kr-86

MAT 3649

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

36-Kr-86



103

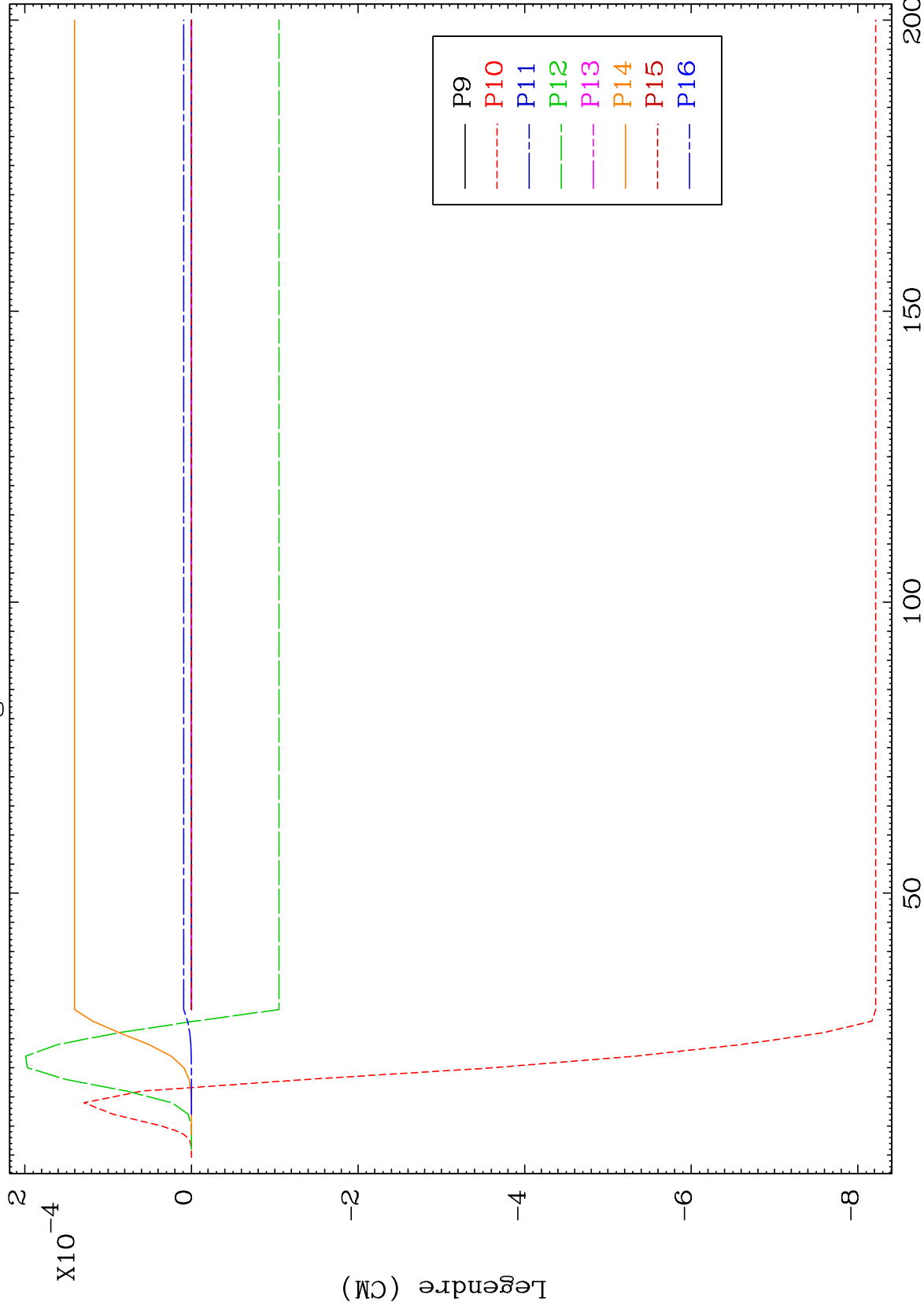
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



104

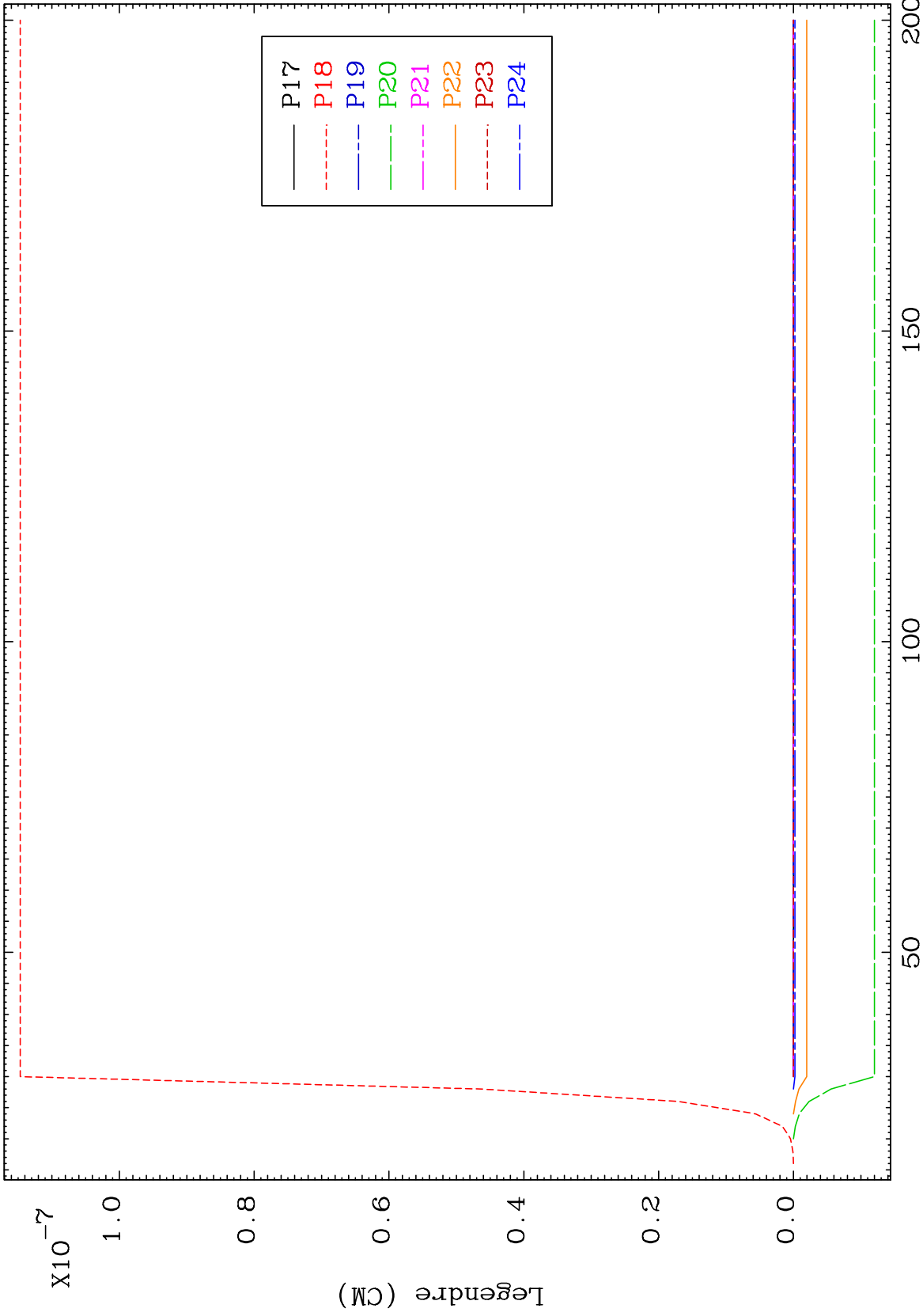
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



105

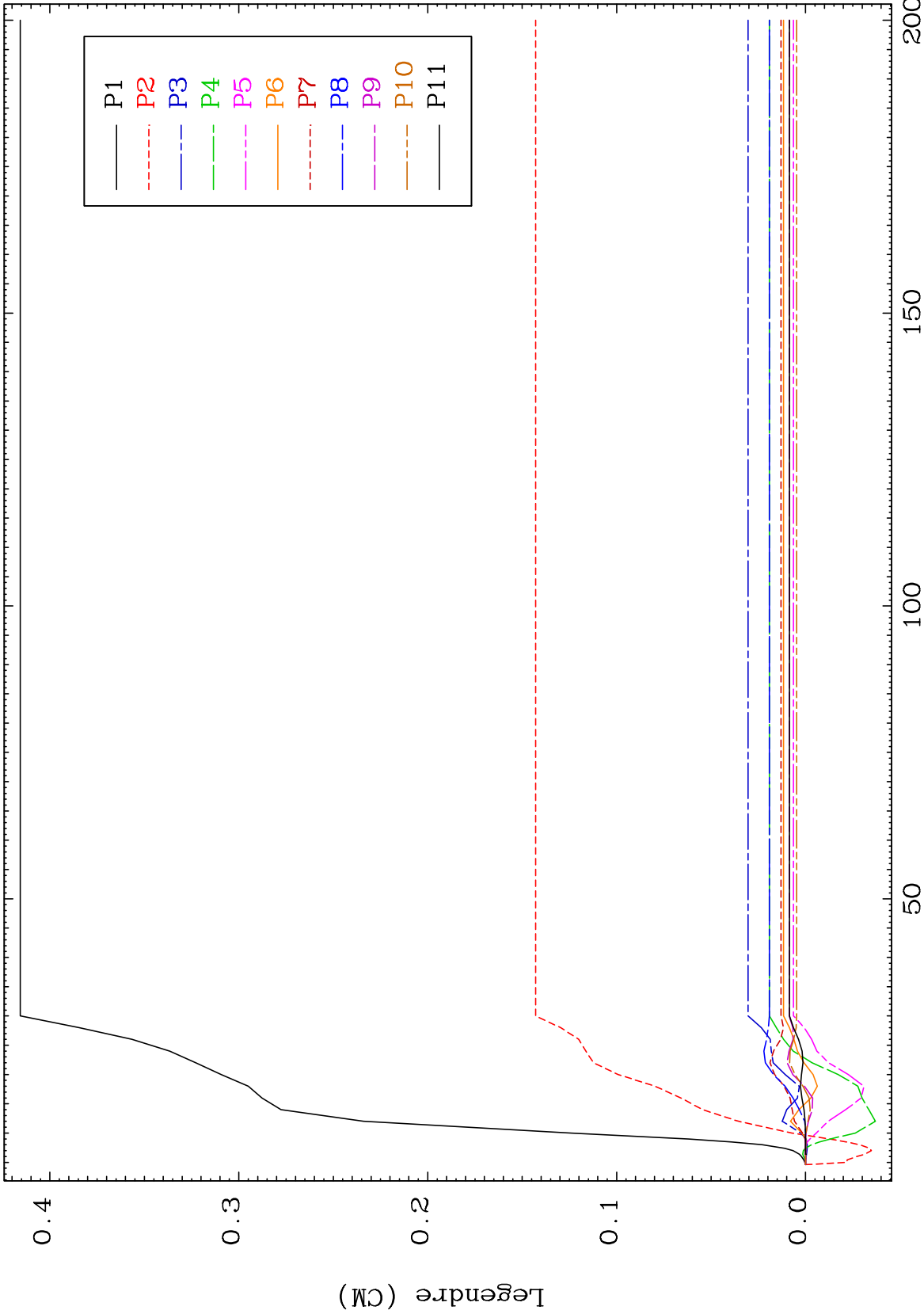
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

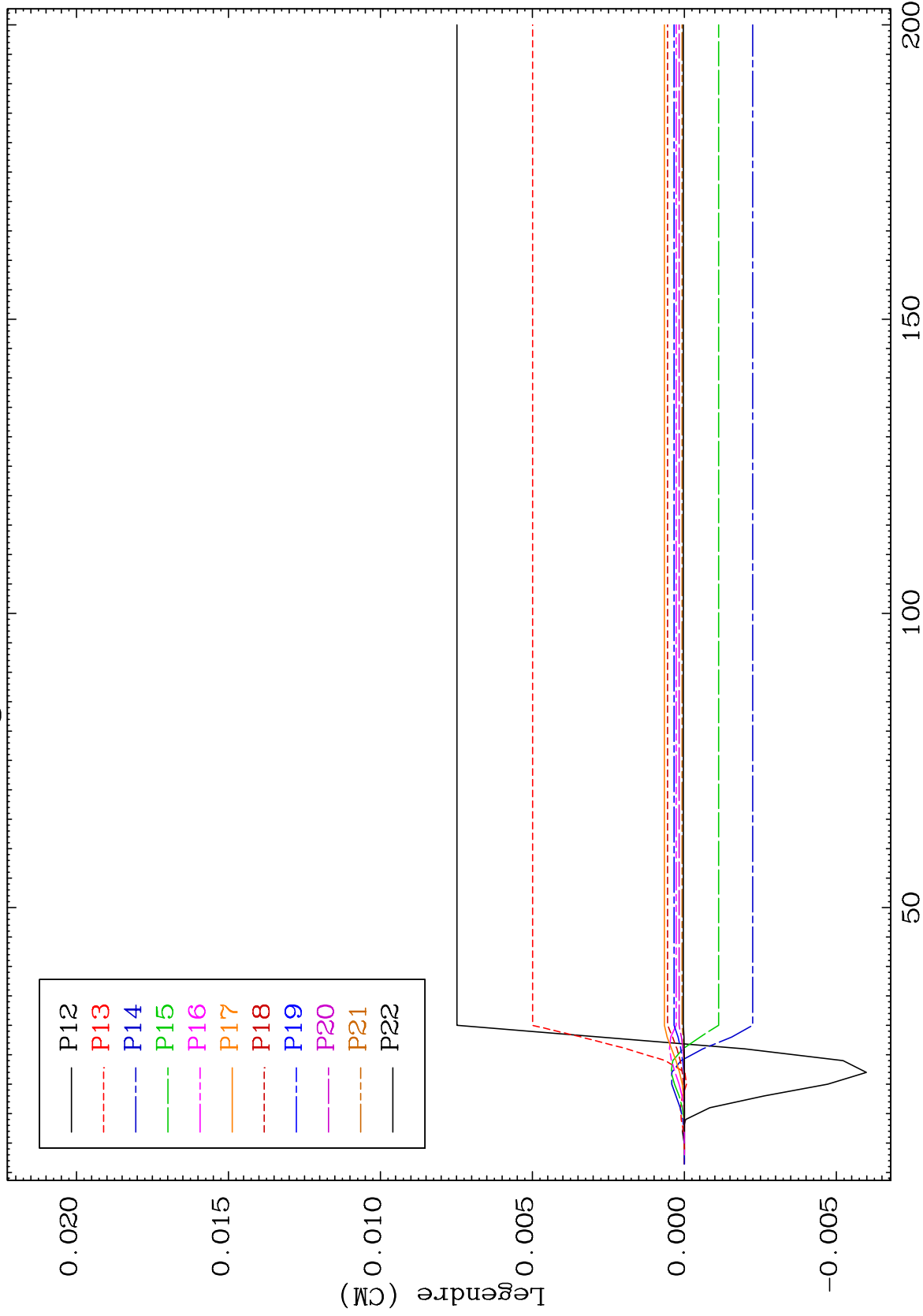
36-Kr-86



106

Incident Energy (MeV)

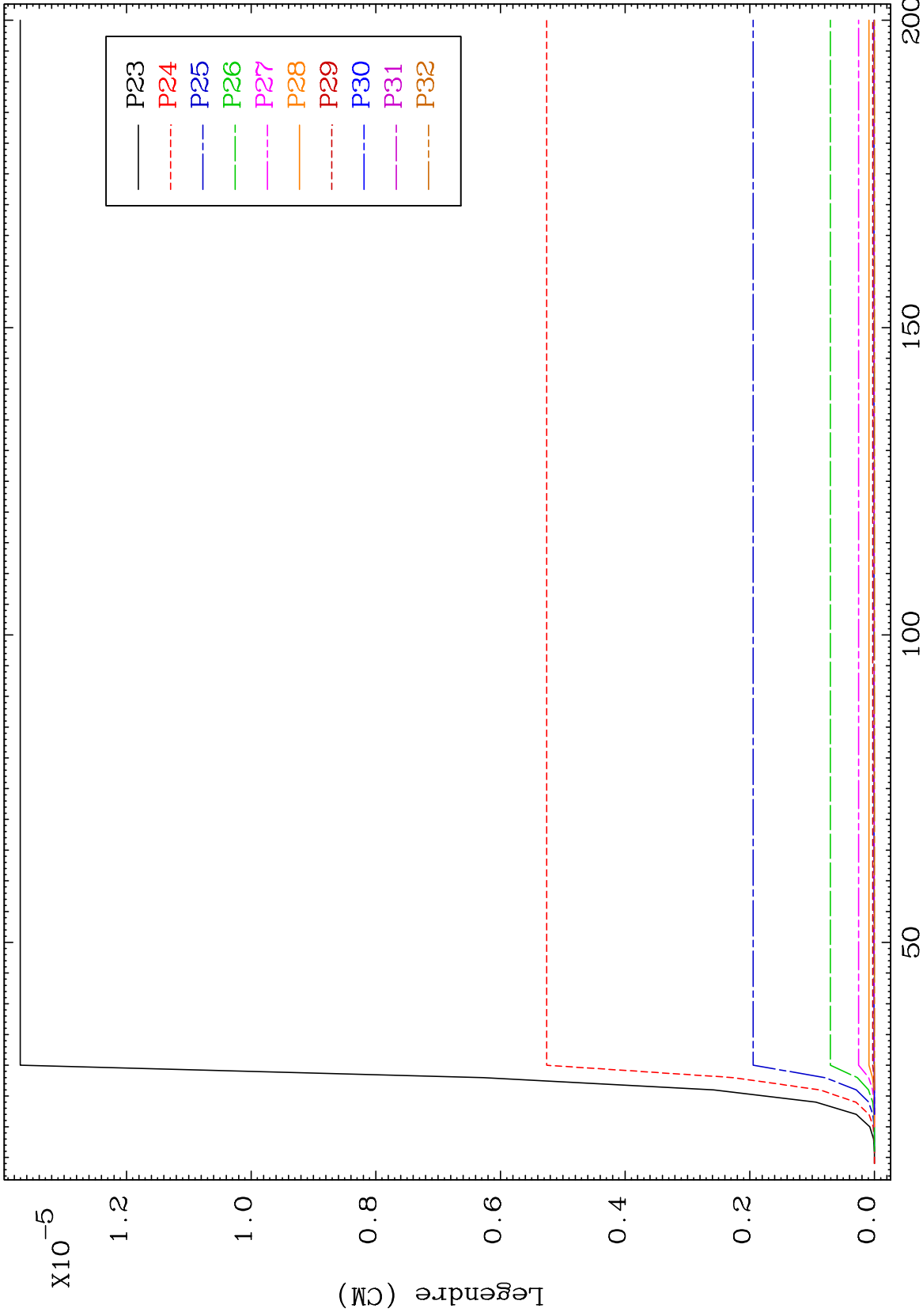
36-Kr-86



MAT 3649

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

36-Kr-86



108

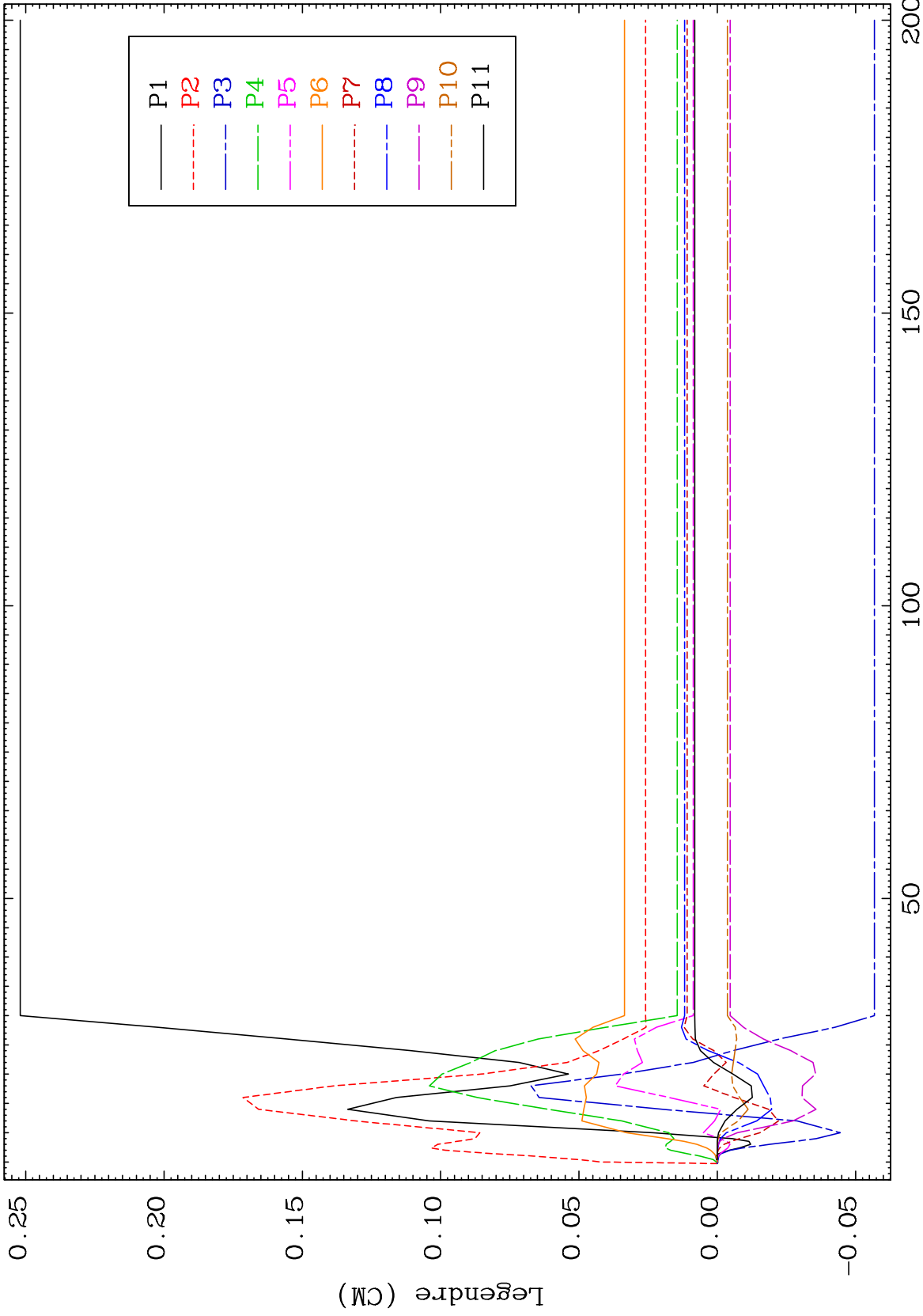
36-Kr-86

36-Kr-86

MAT 3649

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

36-Kr-86



109

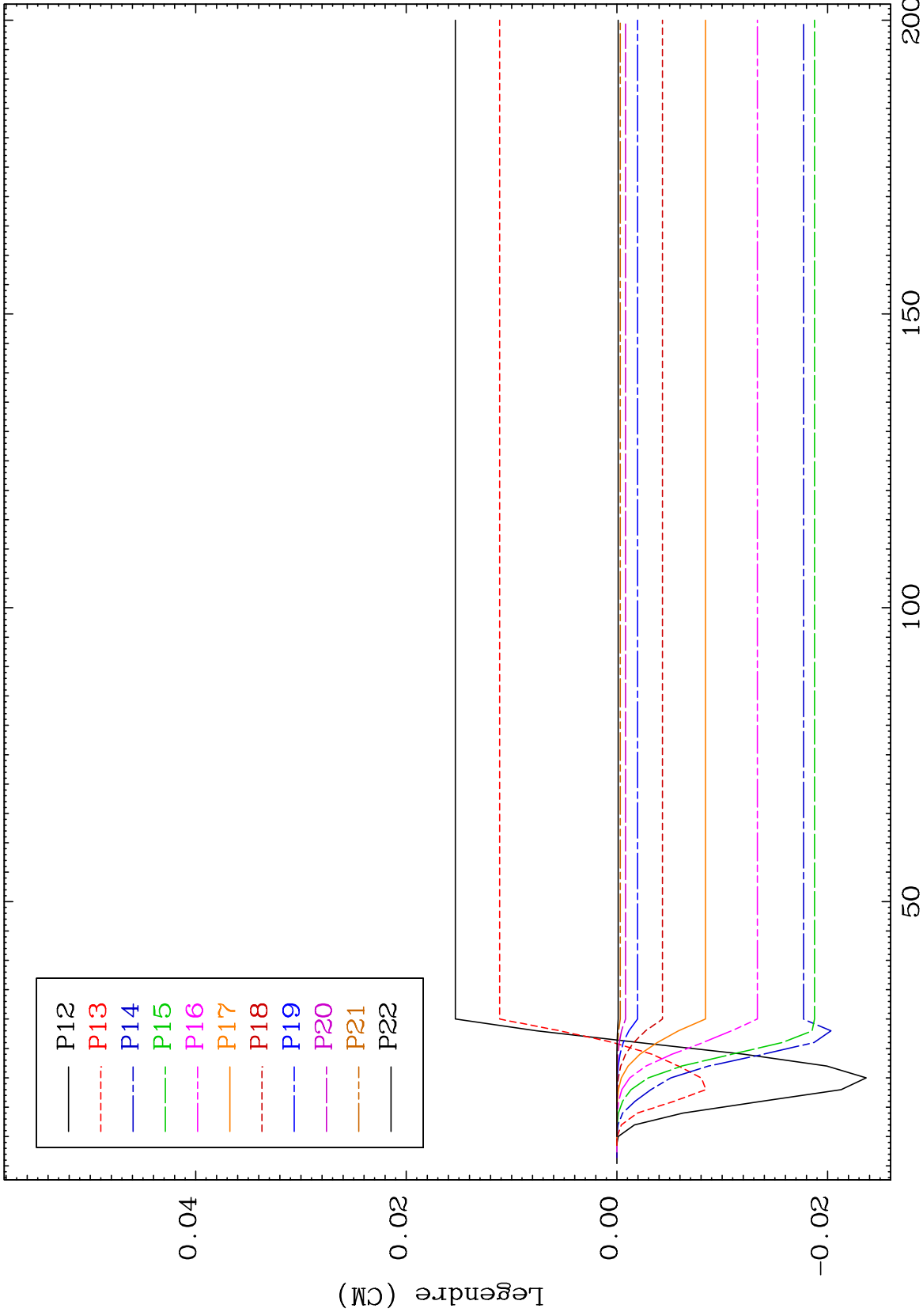
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



110

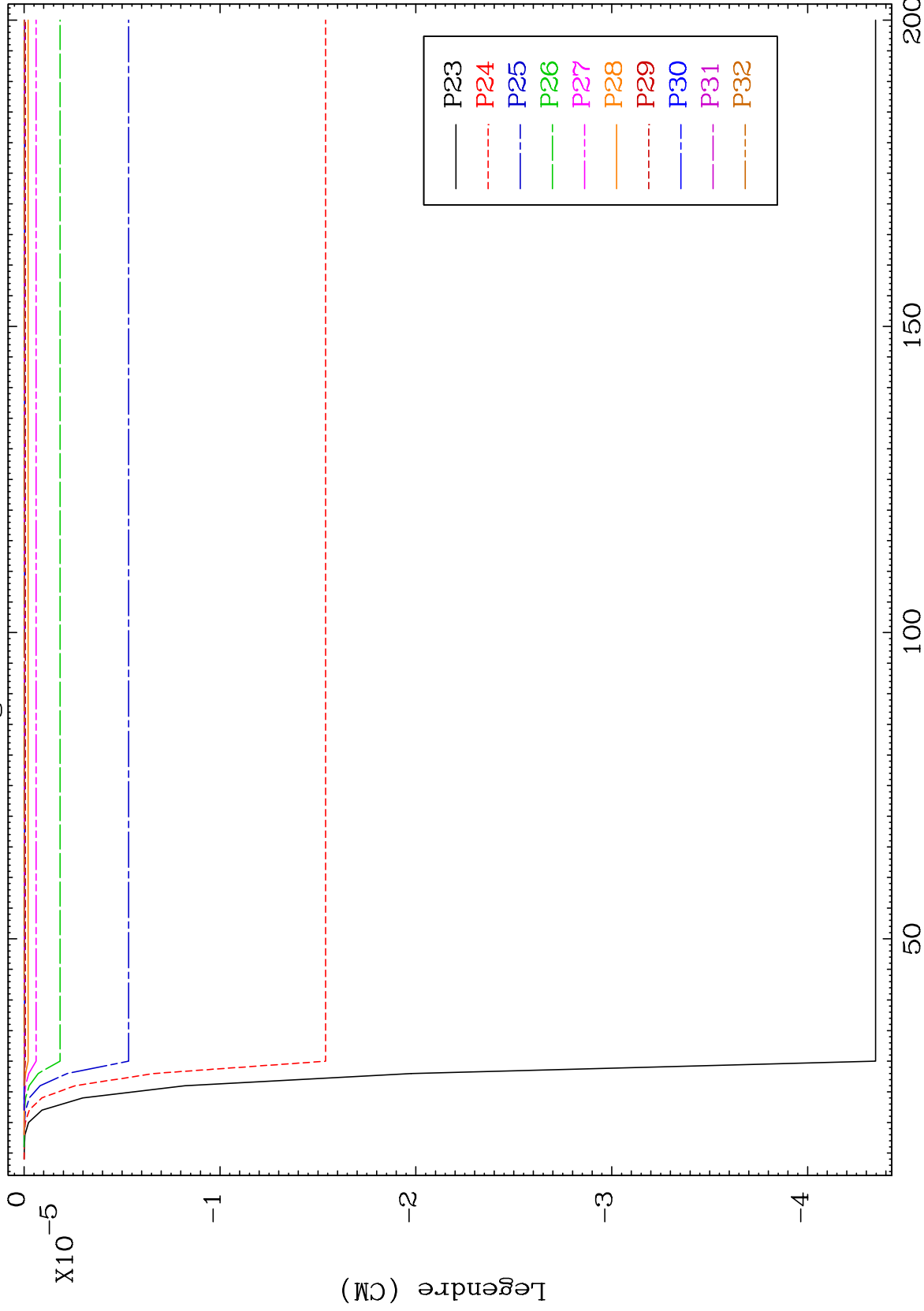
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

36-Kr-86



111

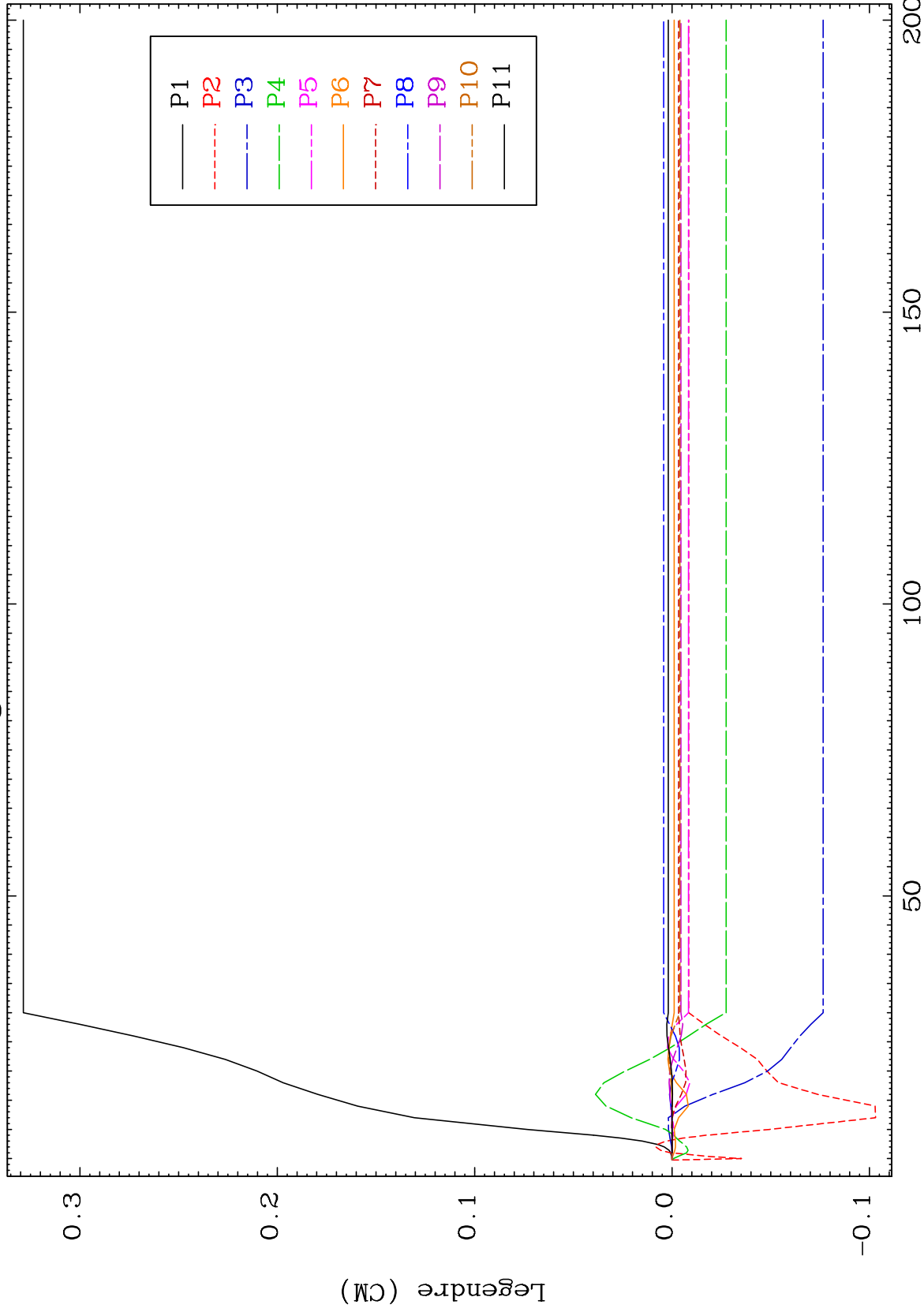
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

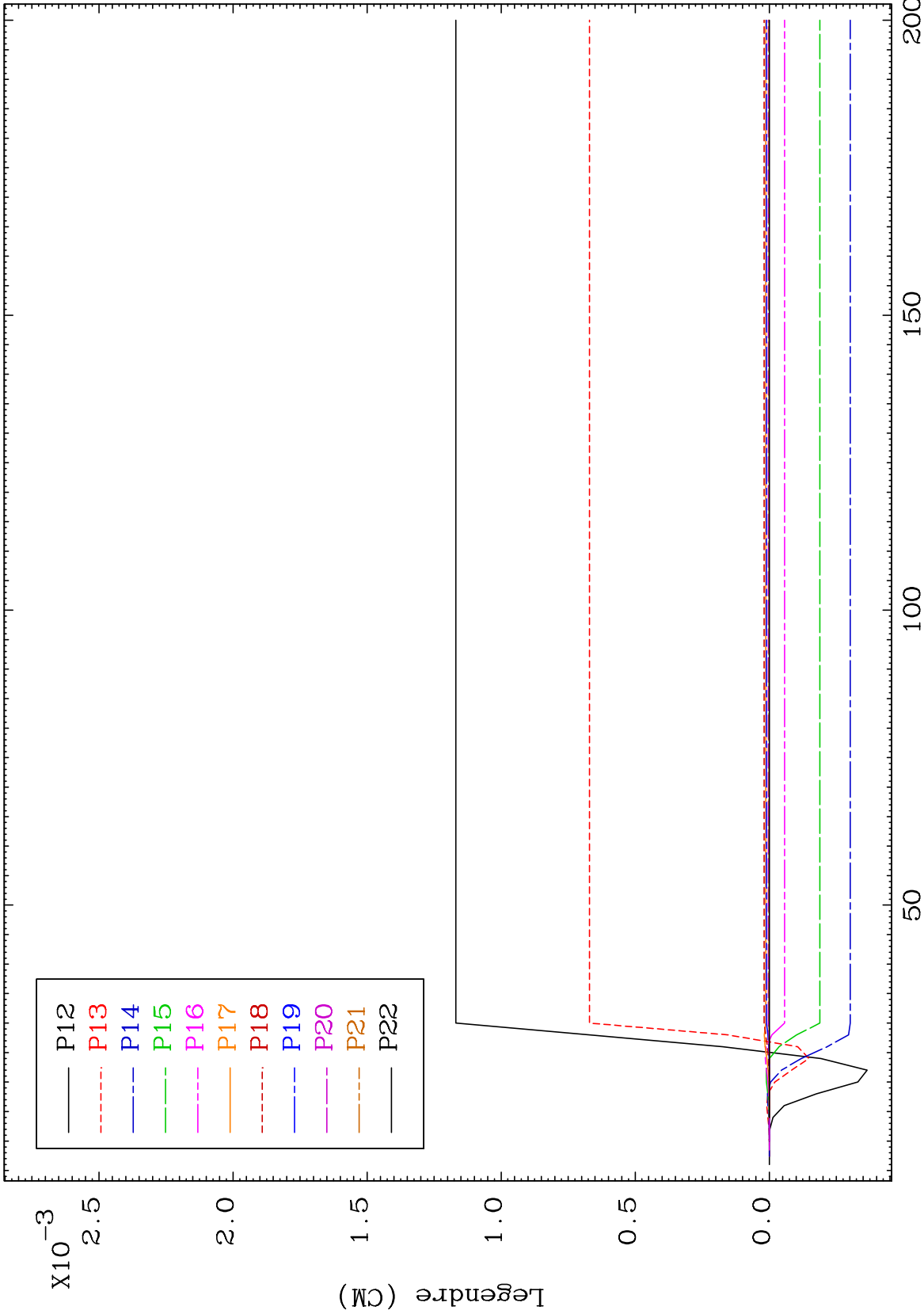
36-Kr-86



112

Incident Energy (MeV)

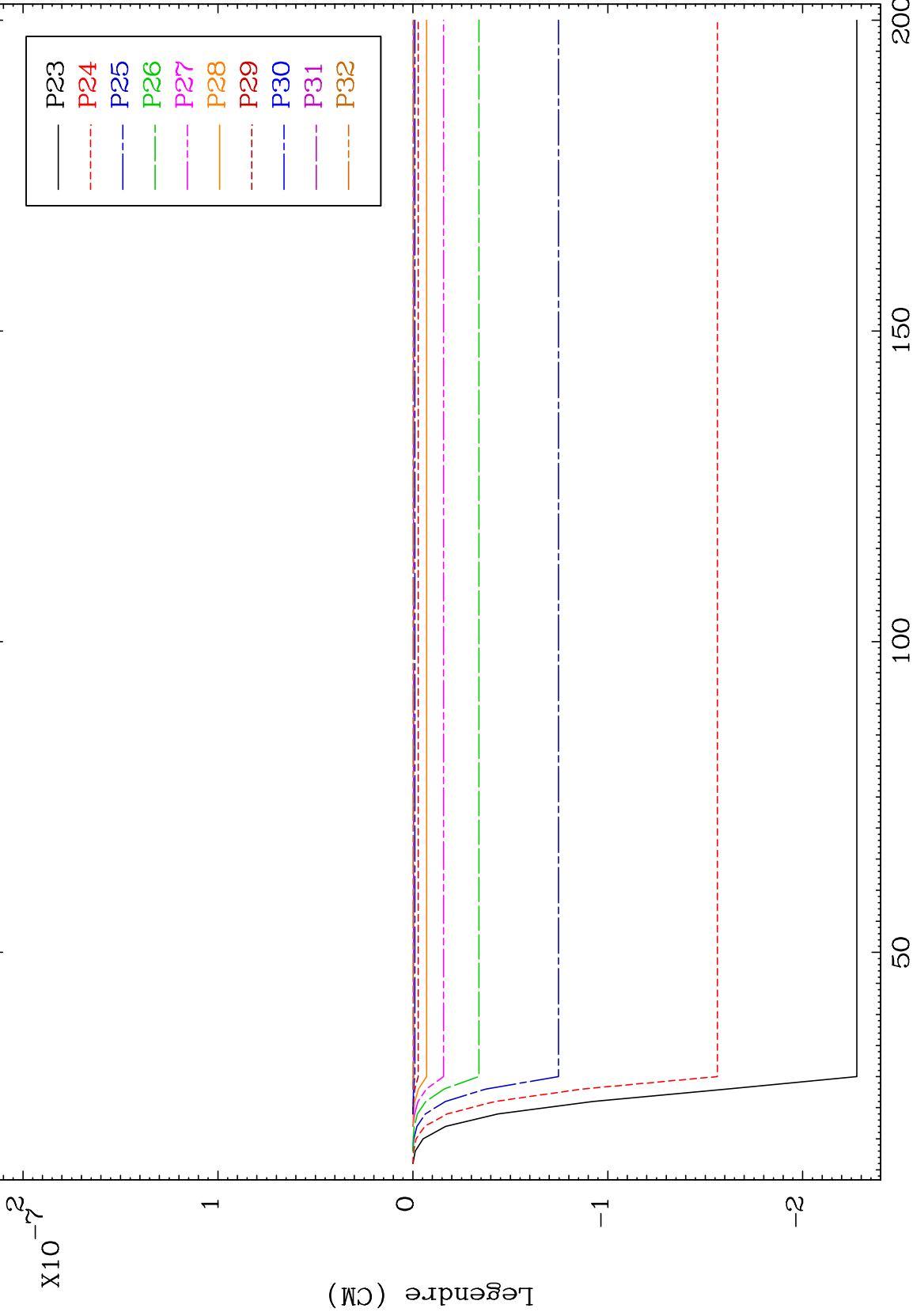
36-Kr-86



MAT 3649

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

36-Kr-86



114

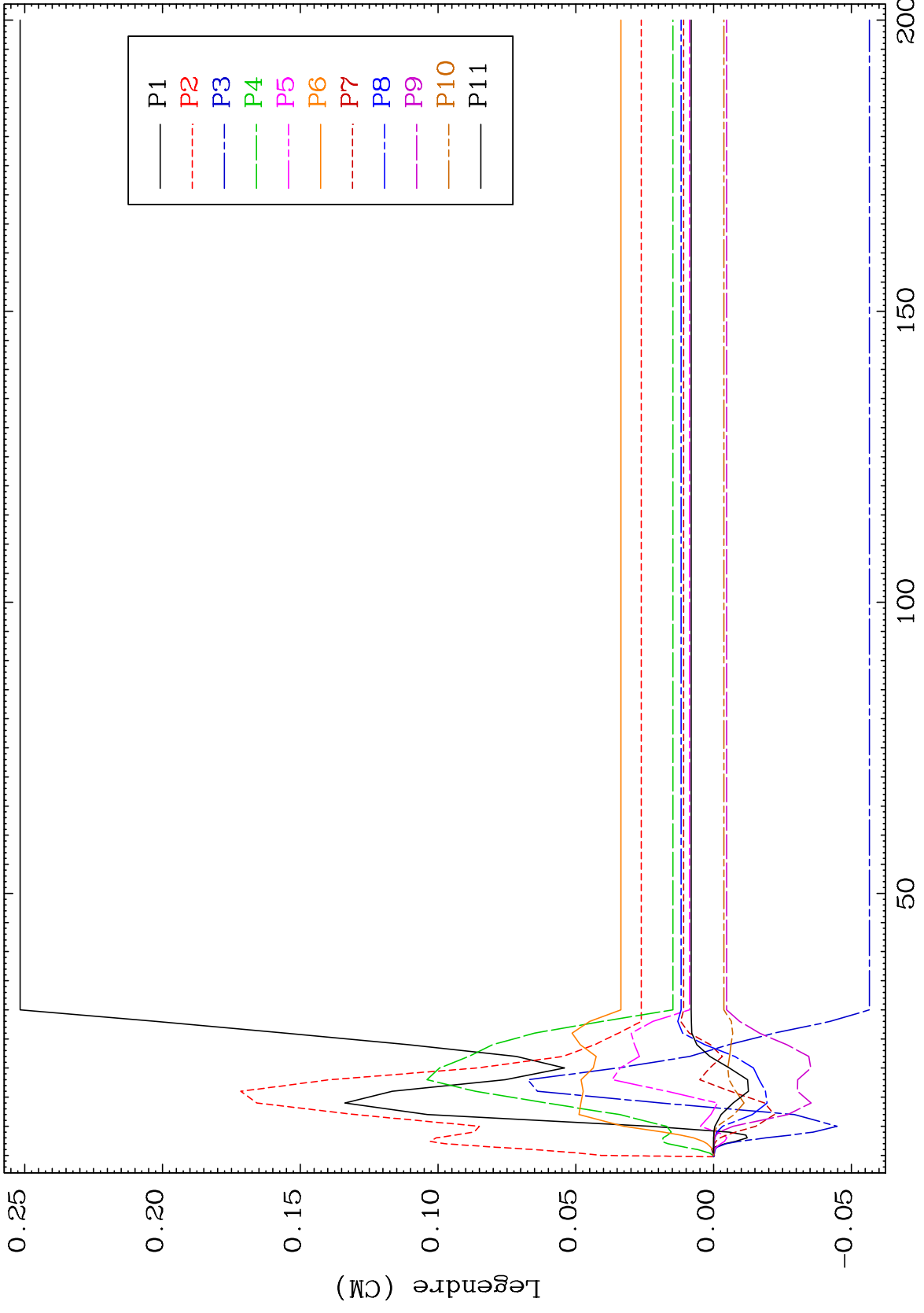
Incident Energy (MeV)

36-Kr-86

MAT 3649

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

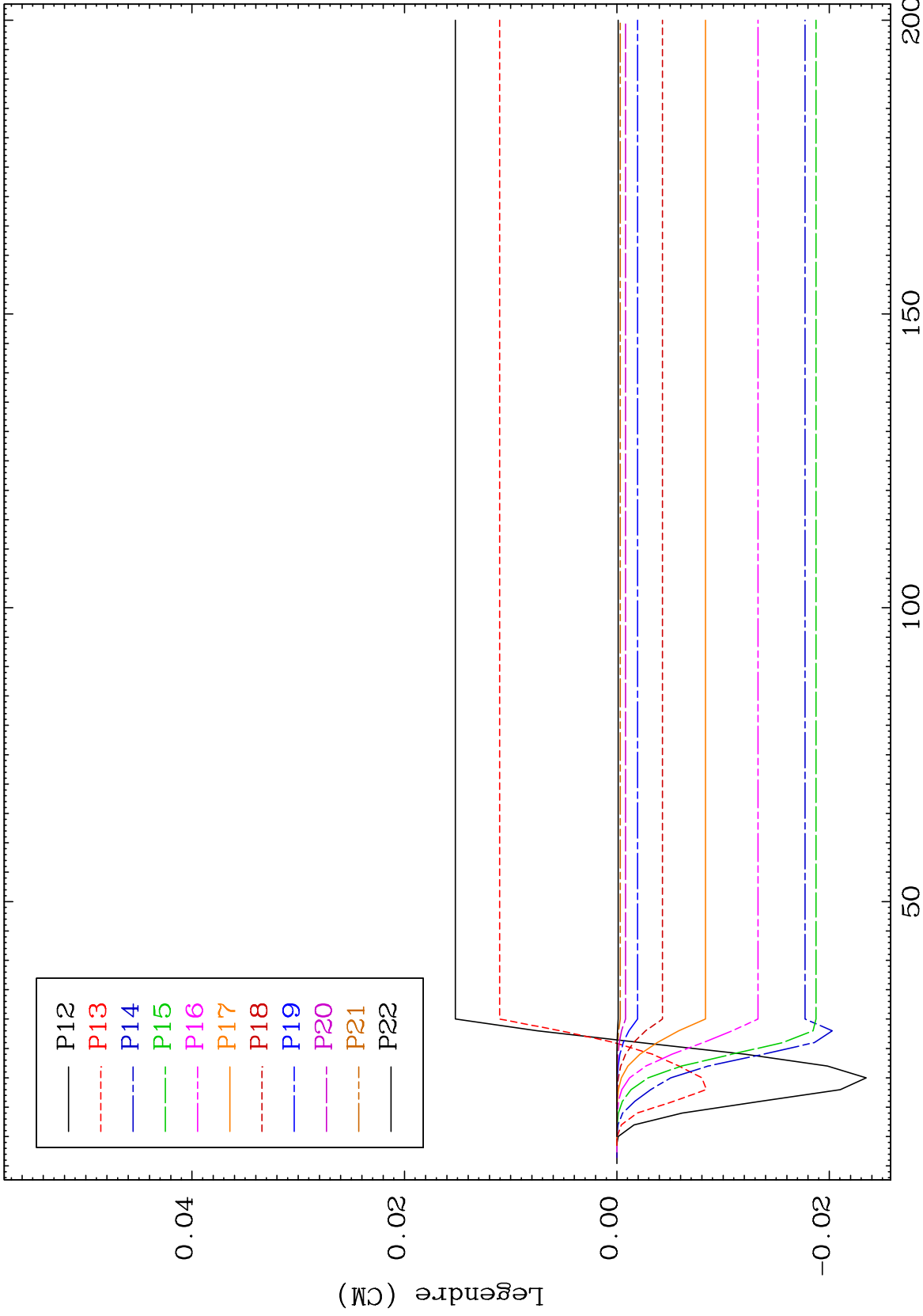
36-Kr-86



115

Incident Energy (MeV)

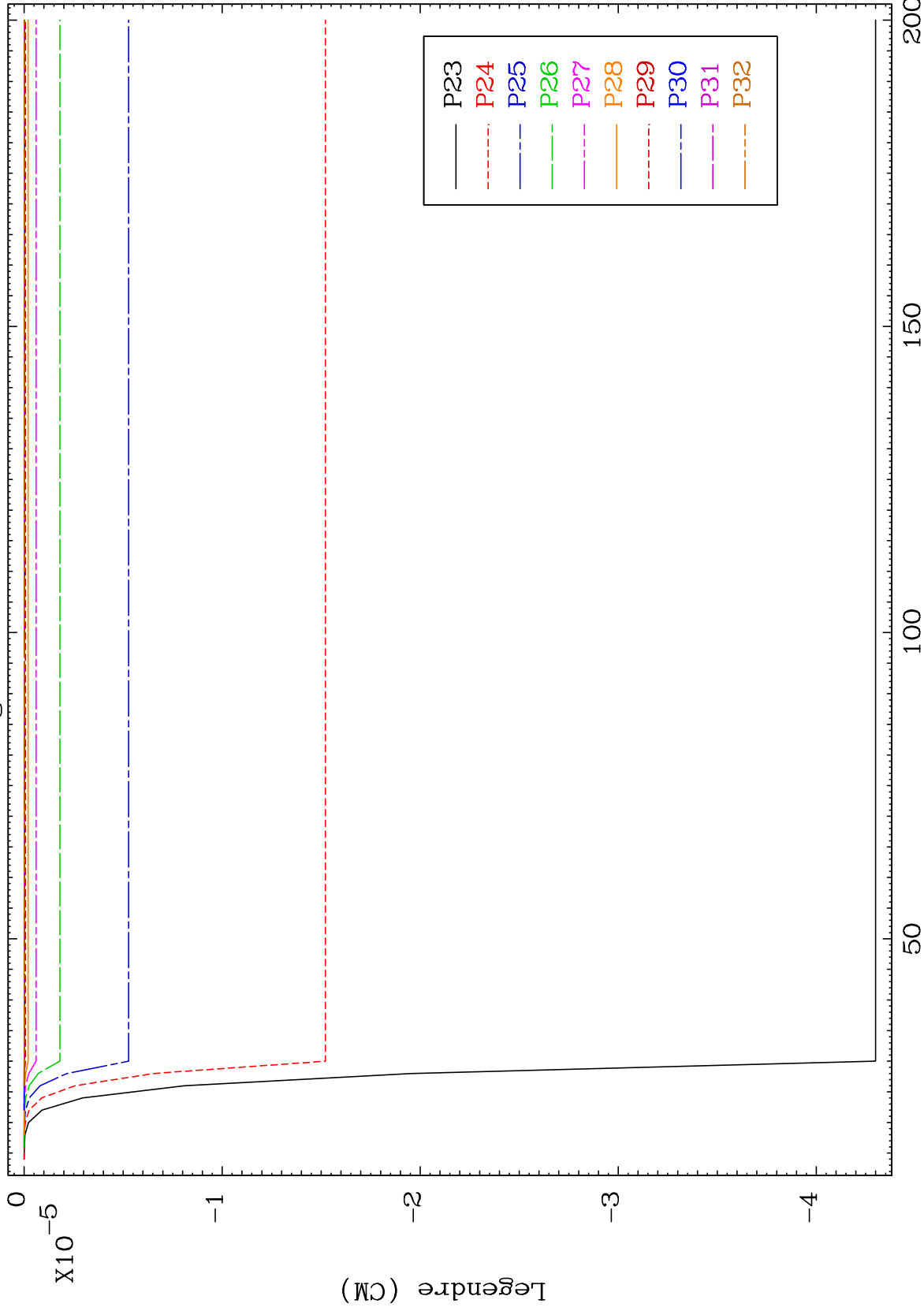
36-Kr-86



MAT 3649

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

36-Kr-86



117

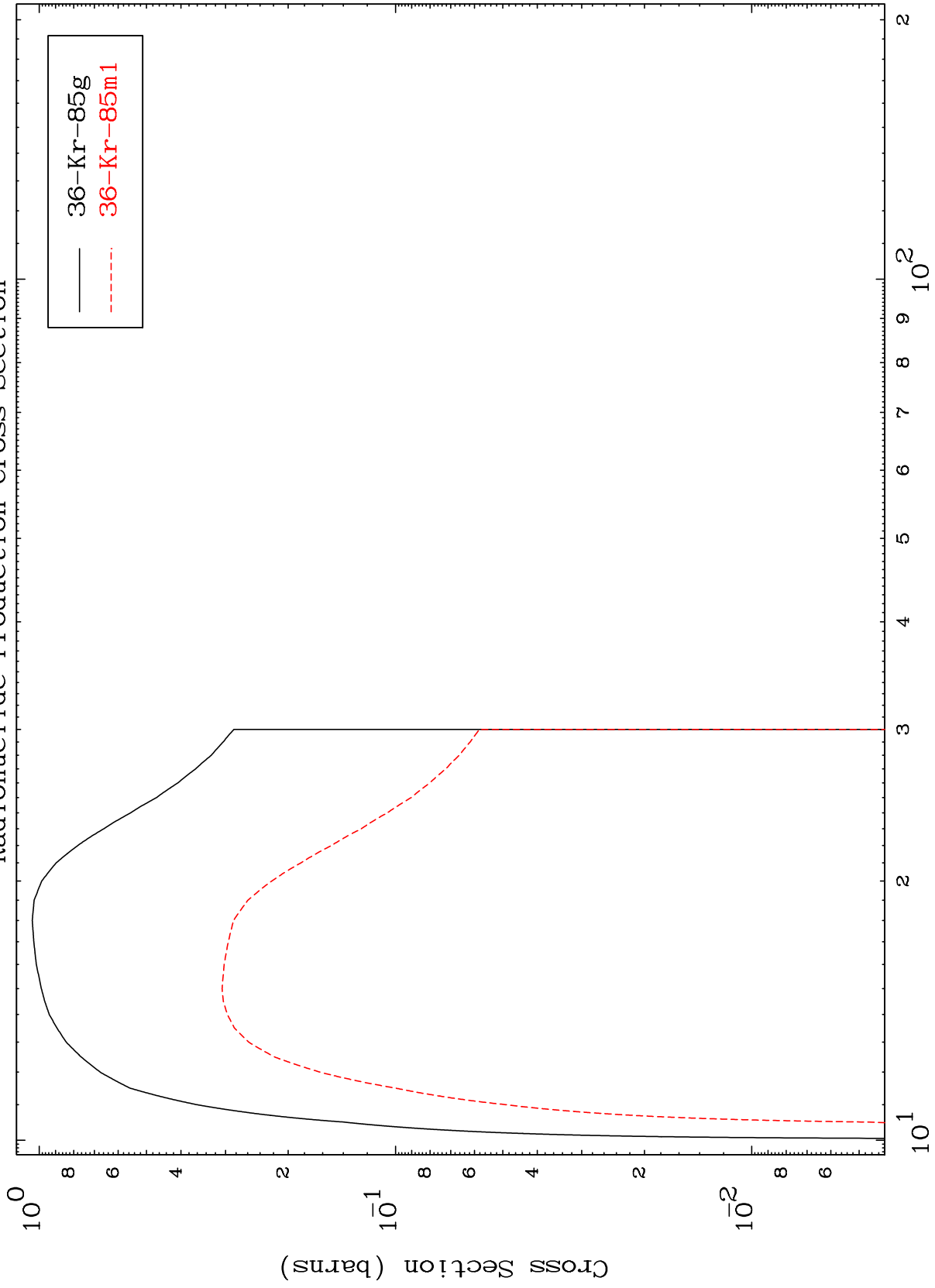
Incident Energy (MeV)

36-Kr-86

MAT 3649

36-Kr-86

(n,2n)
Radionuclide Production Cross Section



118

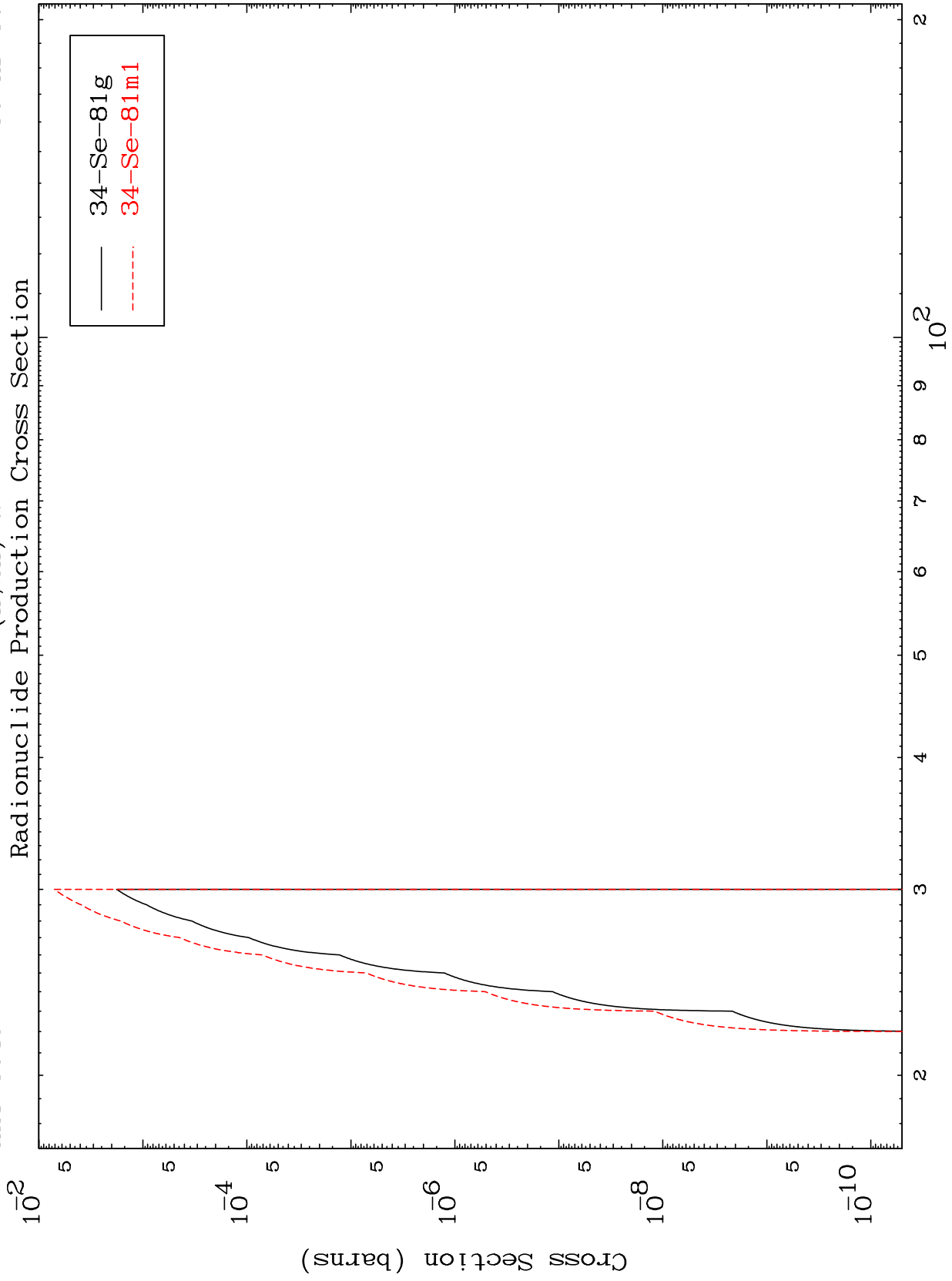
Incident Energy (MeV)

36-Kr-86

MAT 3649

(n,2n) α

36-Kr-86



119

36-Kr-86

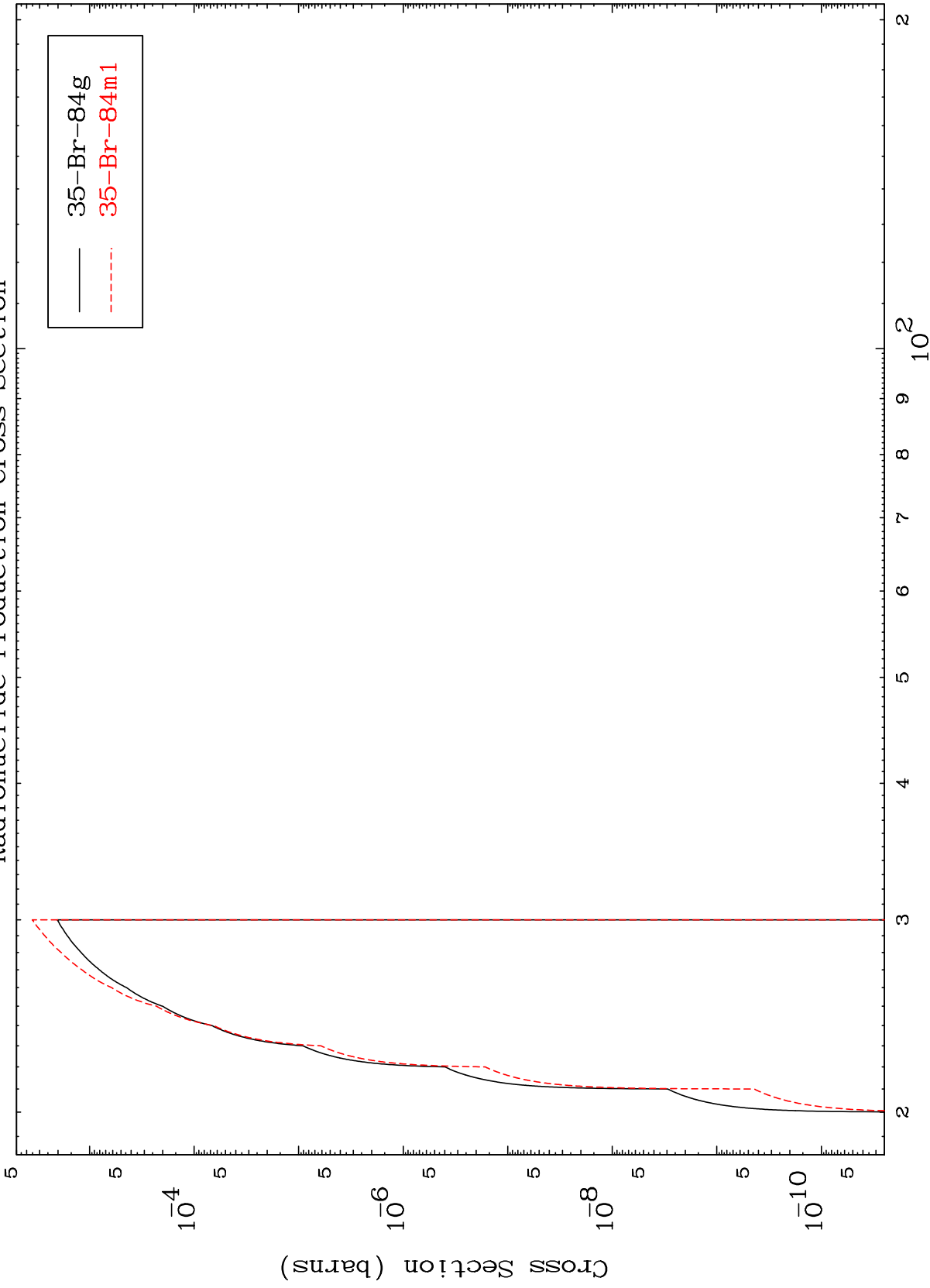
36-Kr-86

MAT 3649

(n,n') d

36-Kr-86

Radionuclide Production Cross Section

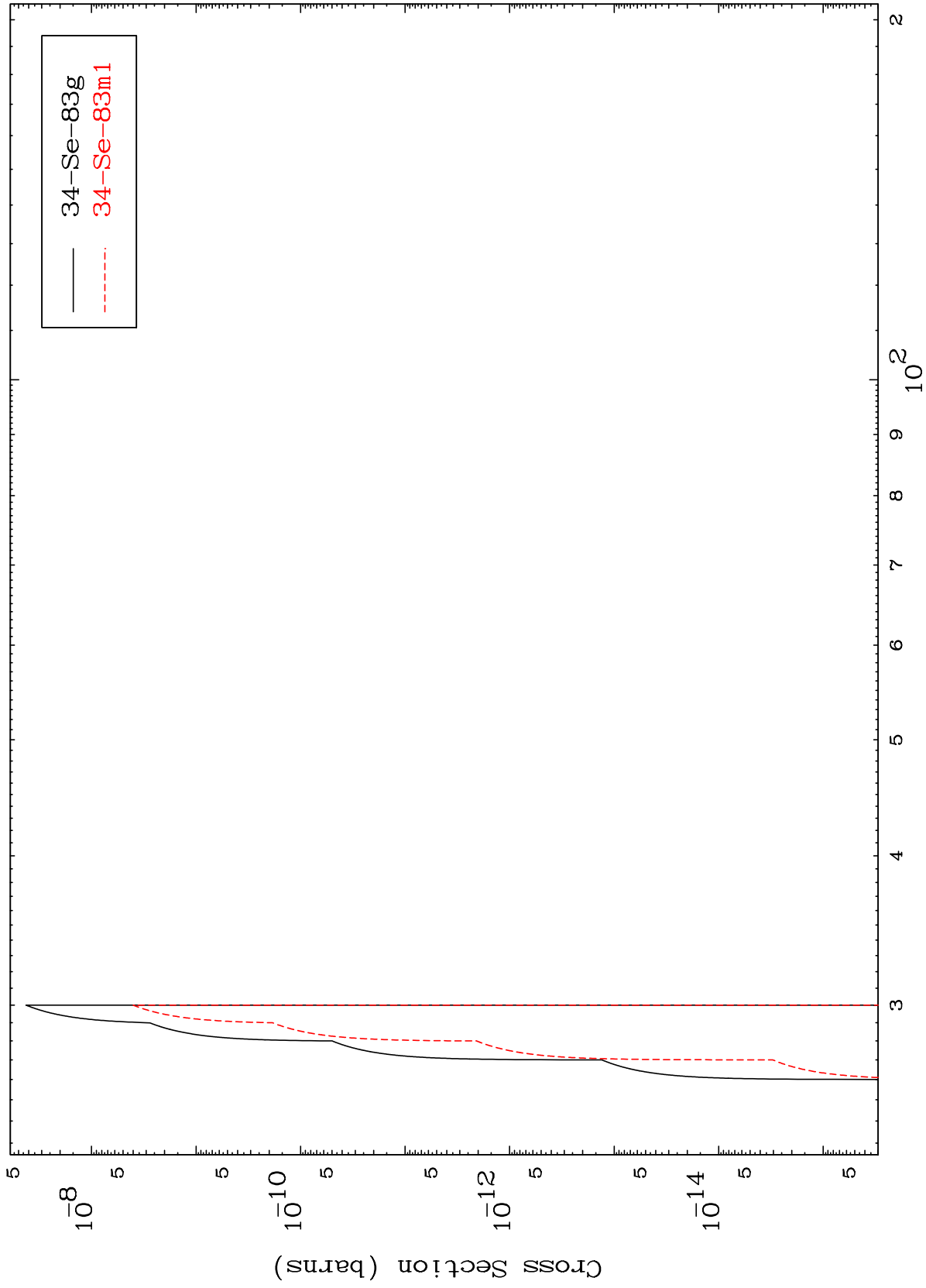


120

Incident Energy (MeV)

36-Kr-86

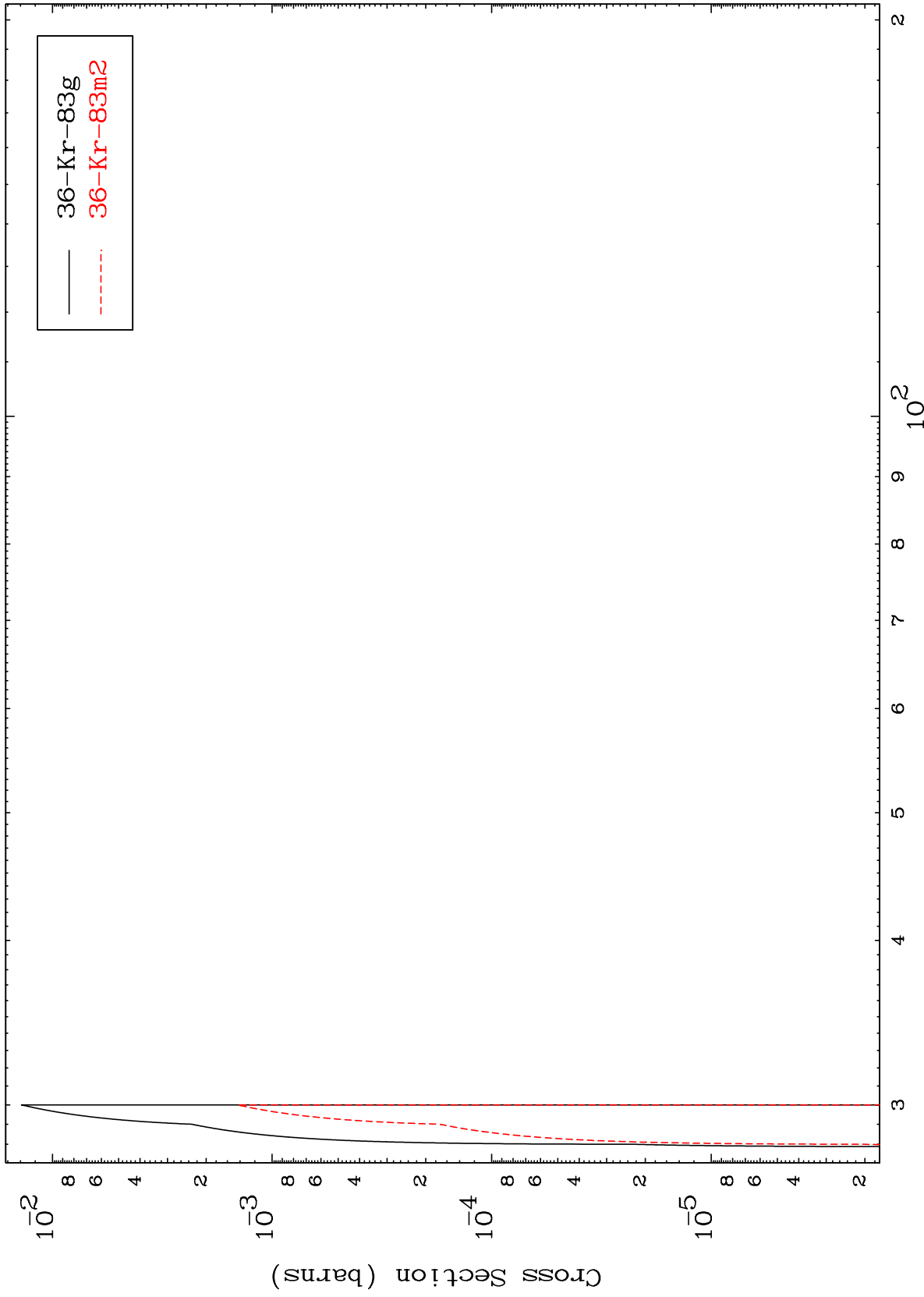
Radionuclide Production Cross Section



MAT 3649

36-Kr-86

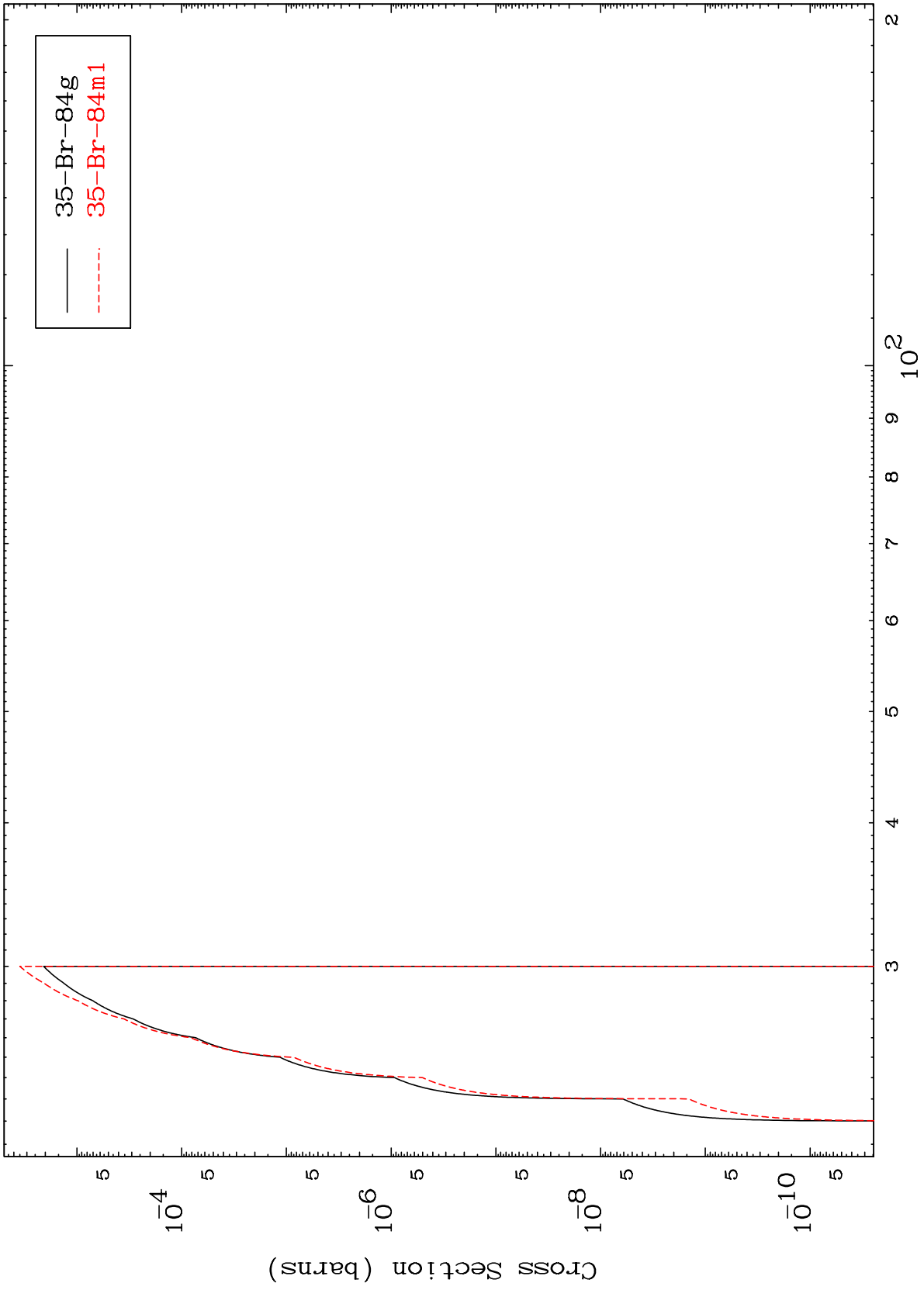
(n,4n)
Radionuclide Production Cross Section



122

36-Kr-86

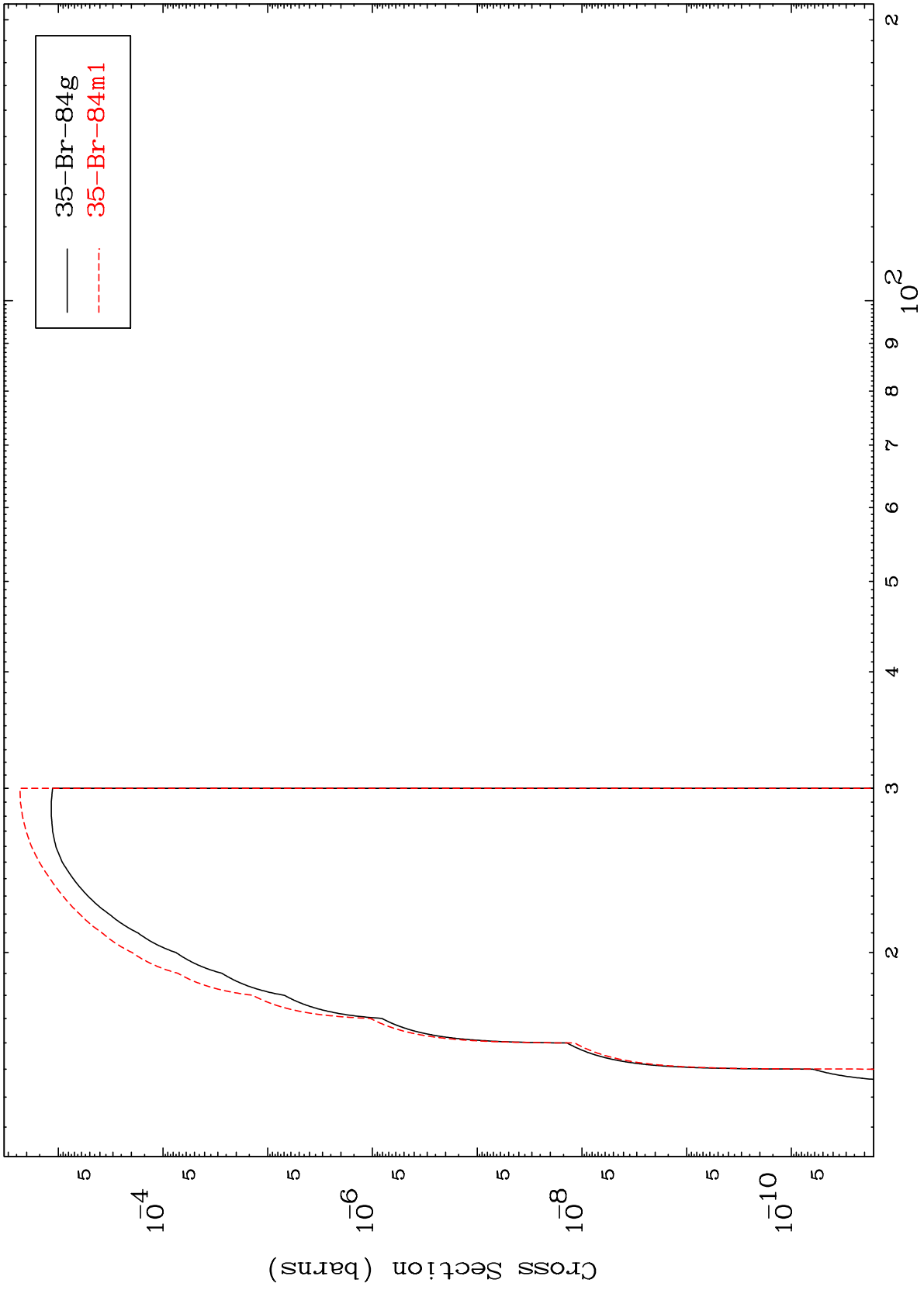
Radionuclide Production Cross Section



MAT 3649

36-Kr-86

(n, t)
Radionuclide Production Cross Section



124

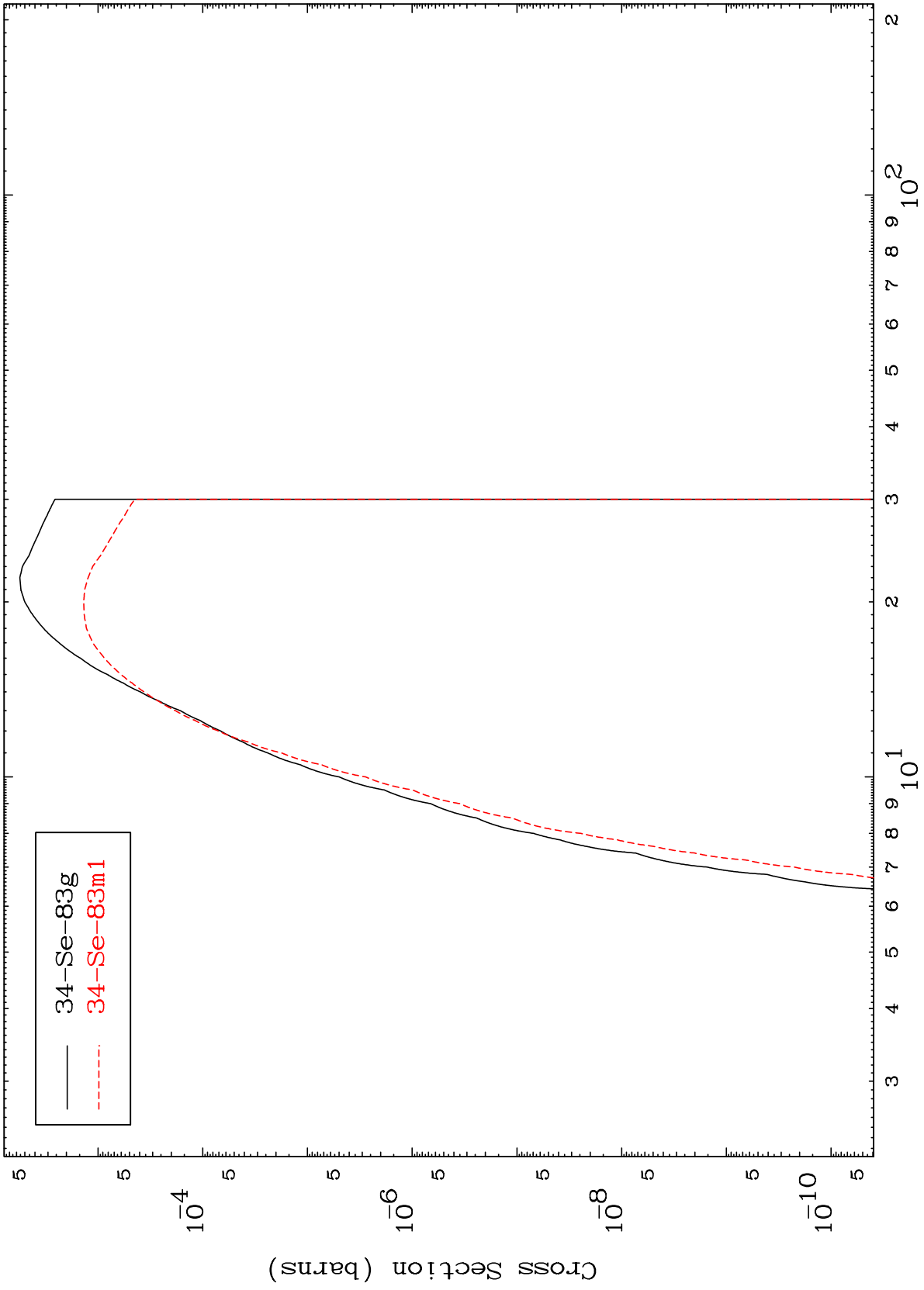
Incident Energy (MeV)

36-Kr-86

MAT 3649

36-Kr-86

Radionuclide Production Cross Section



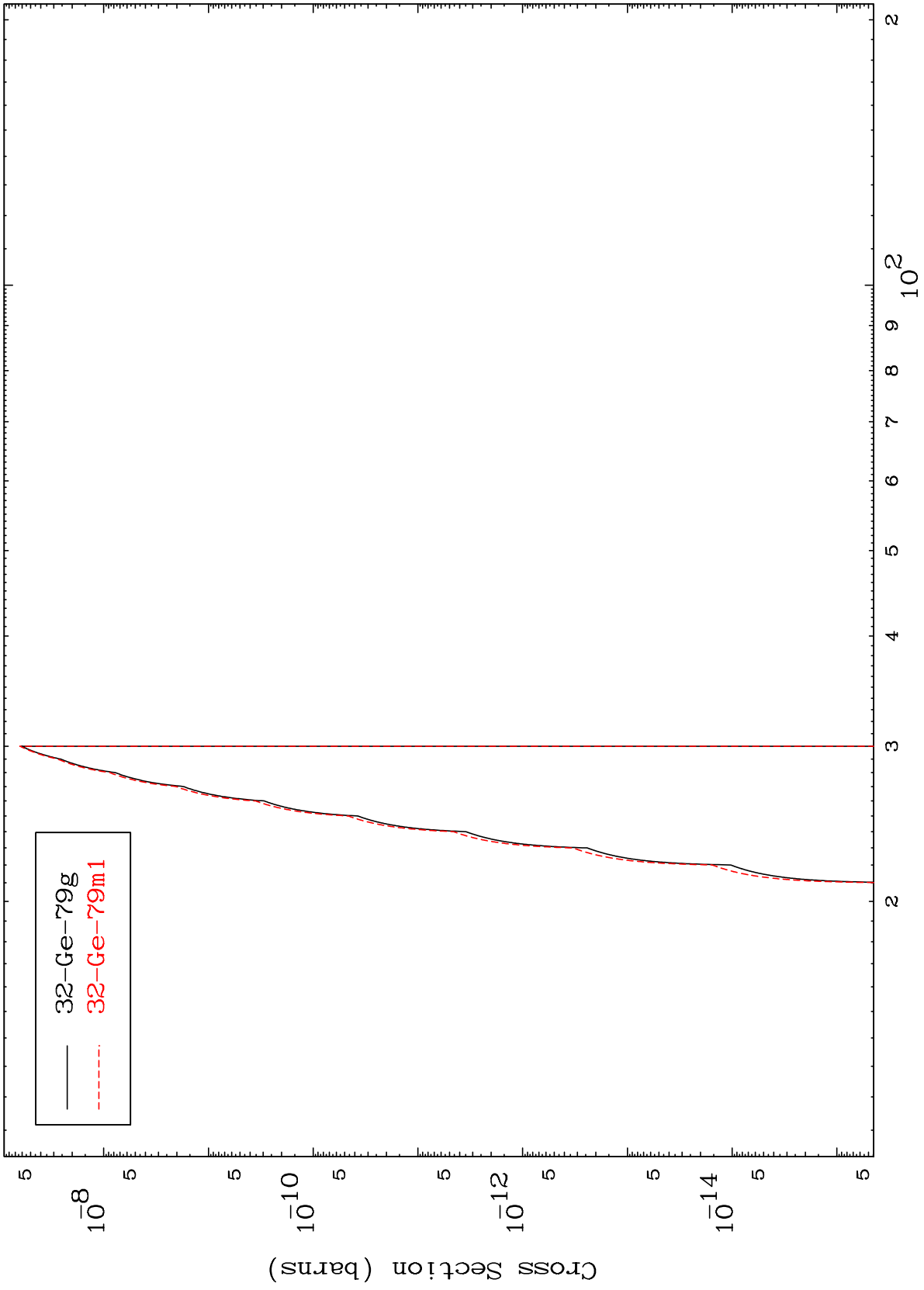
125

36-Kr-86

MAT 3649

36-Kr-86

Radionuclide Production Cross Section
(n,2α)



126

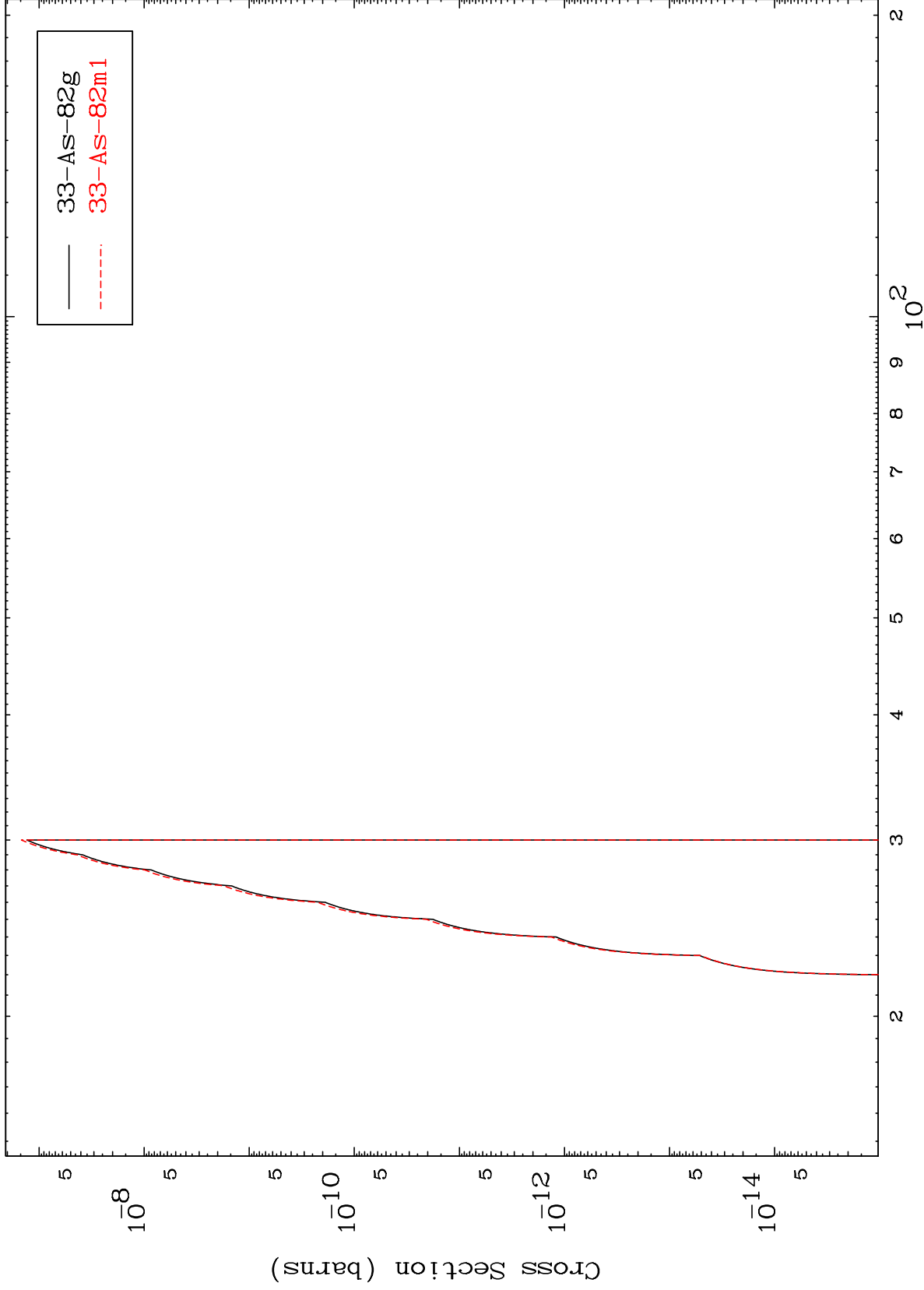
36-Kr-86

MAT 3649

(n,p) α

36-Kr-86

Radionuclide Production Cross Section



127

Incident Energy (MeV)

36-Kr-86