

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

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

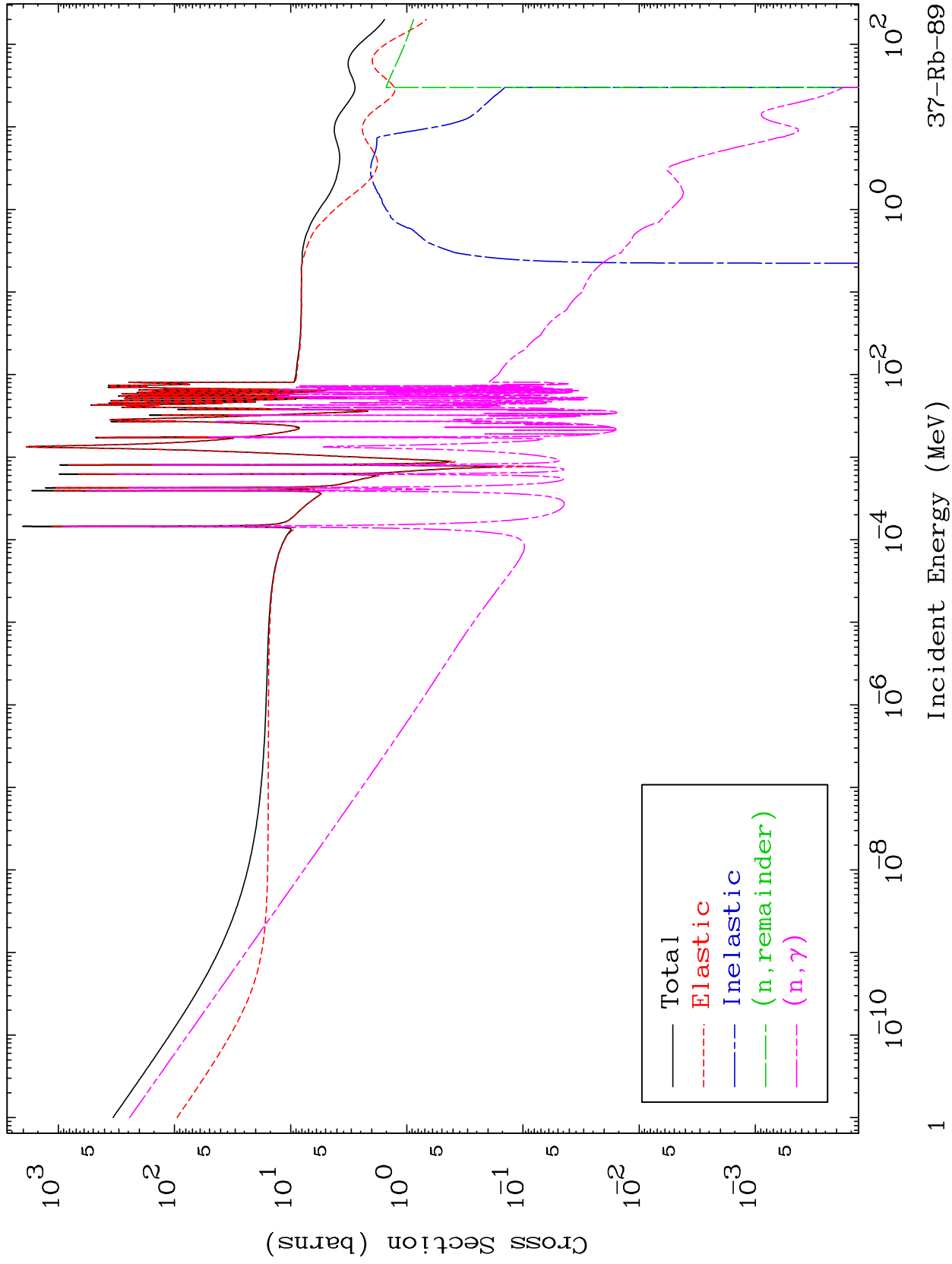
Press Mouse Button to Start

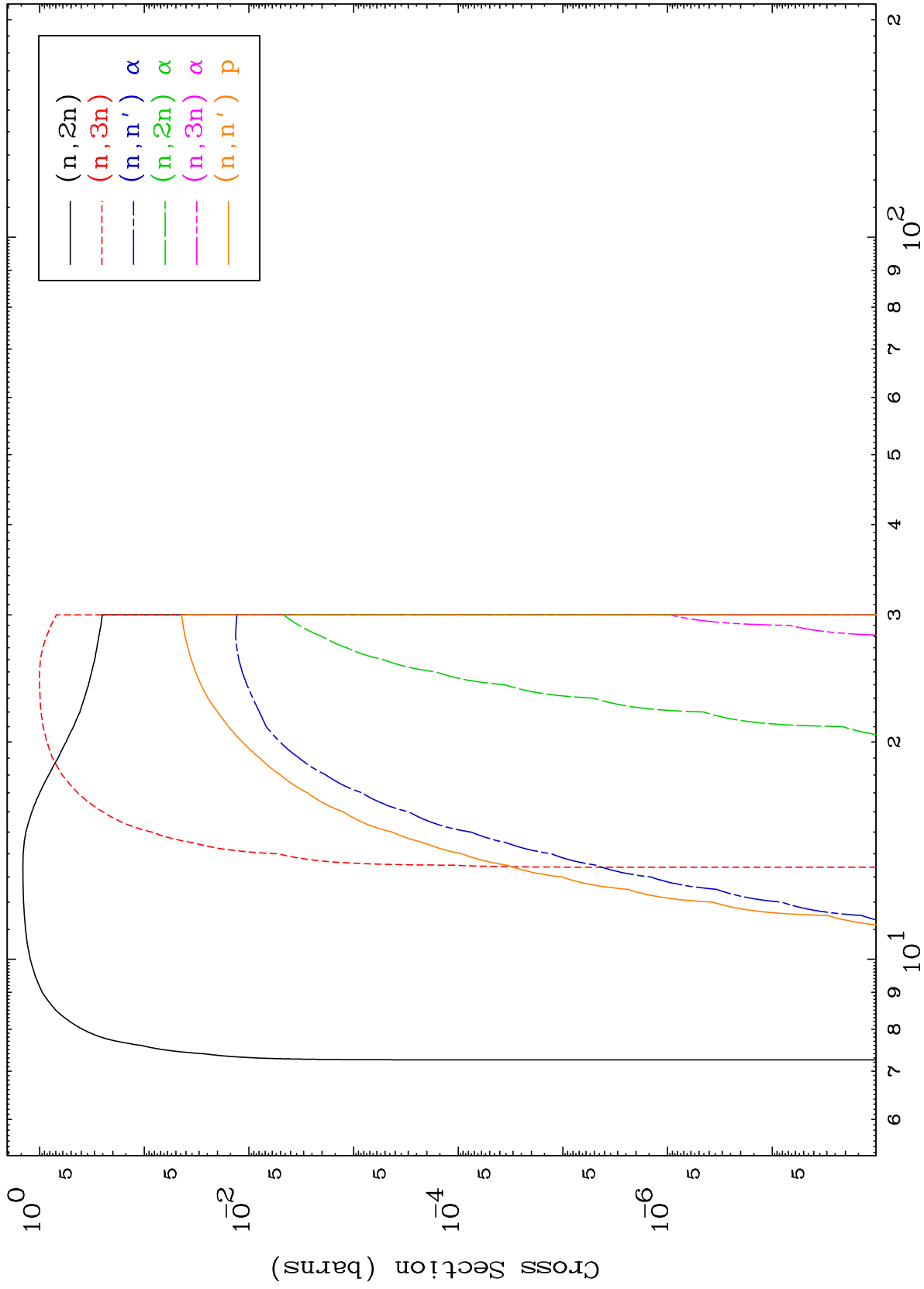
MAT 3737

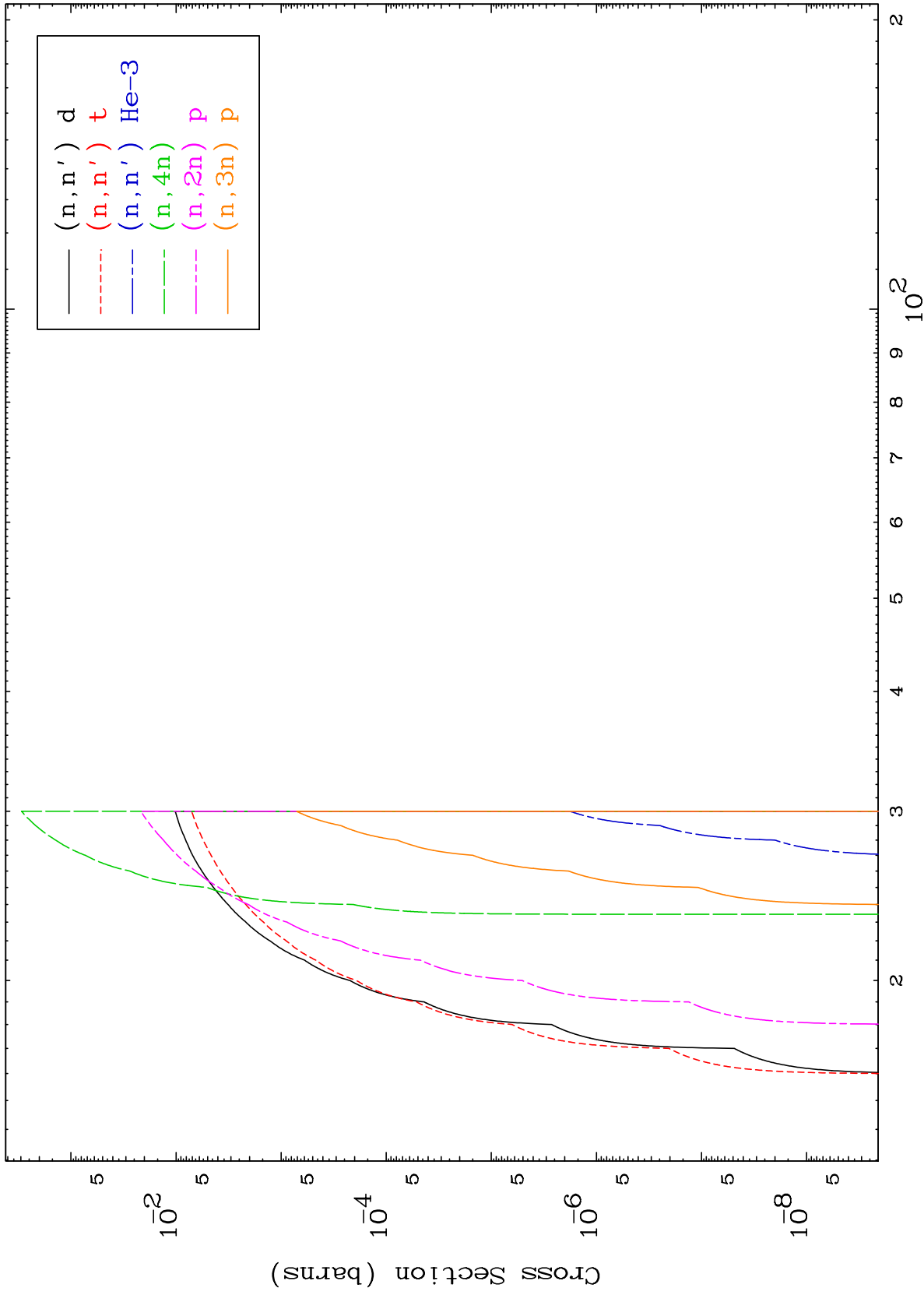
Major

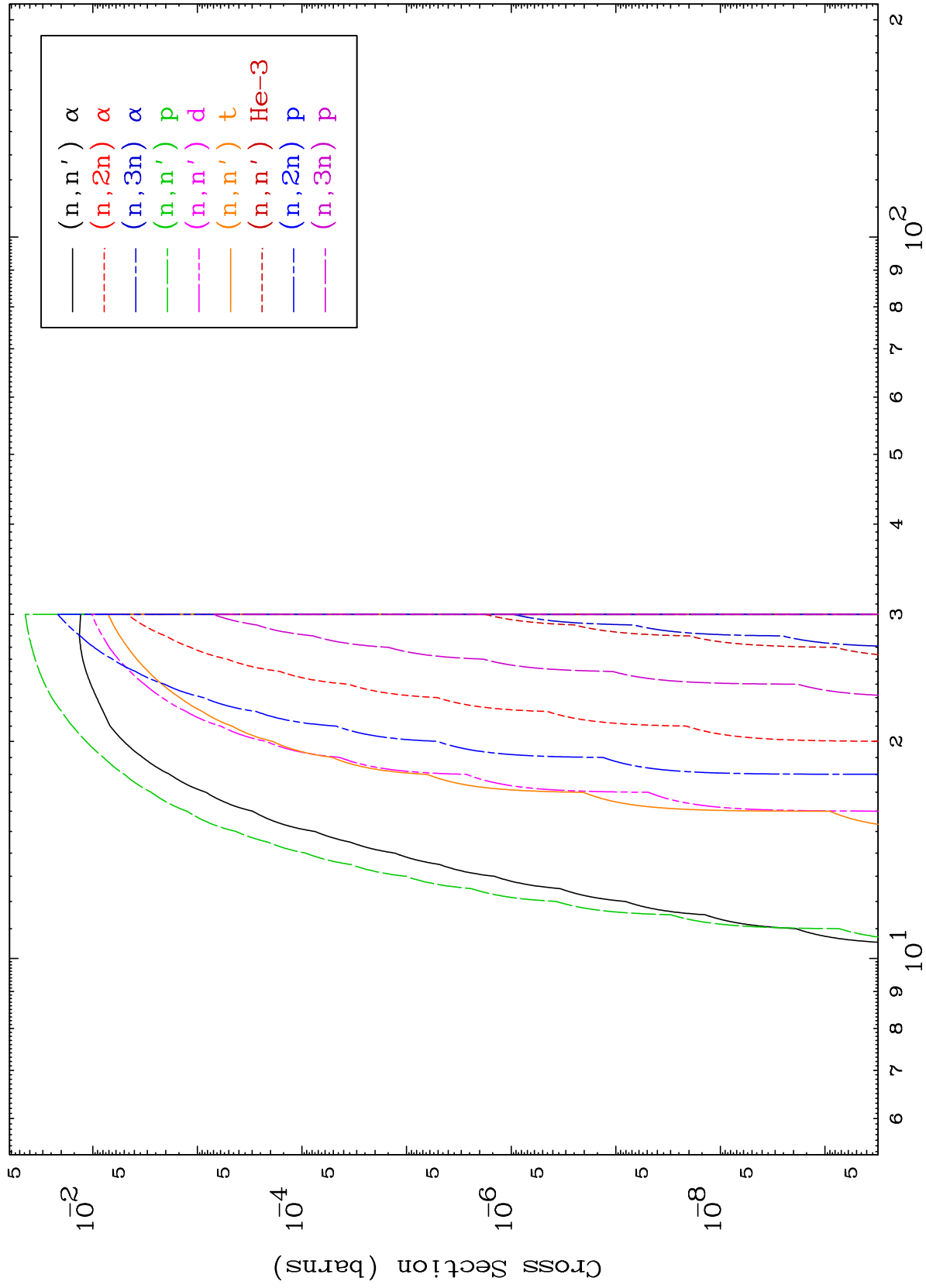
293 Kelvin Cross Sections

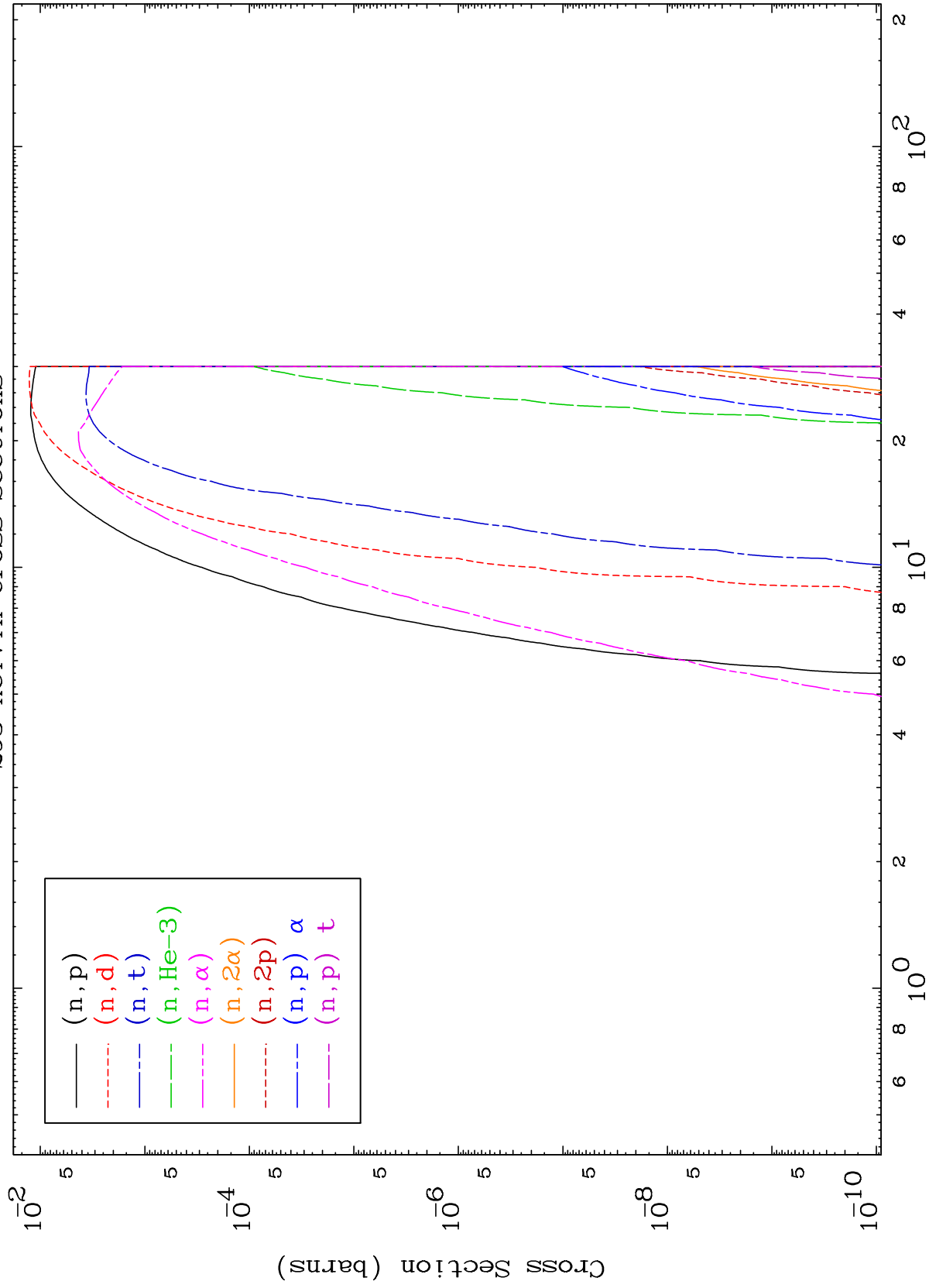
37-Rb-89







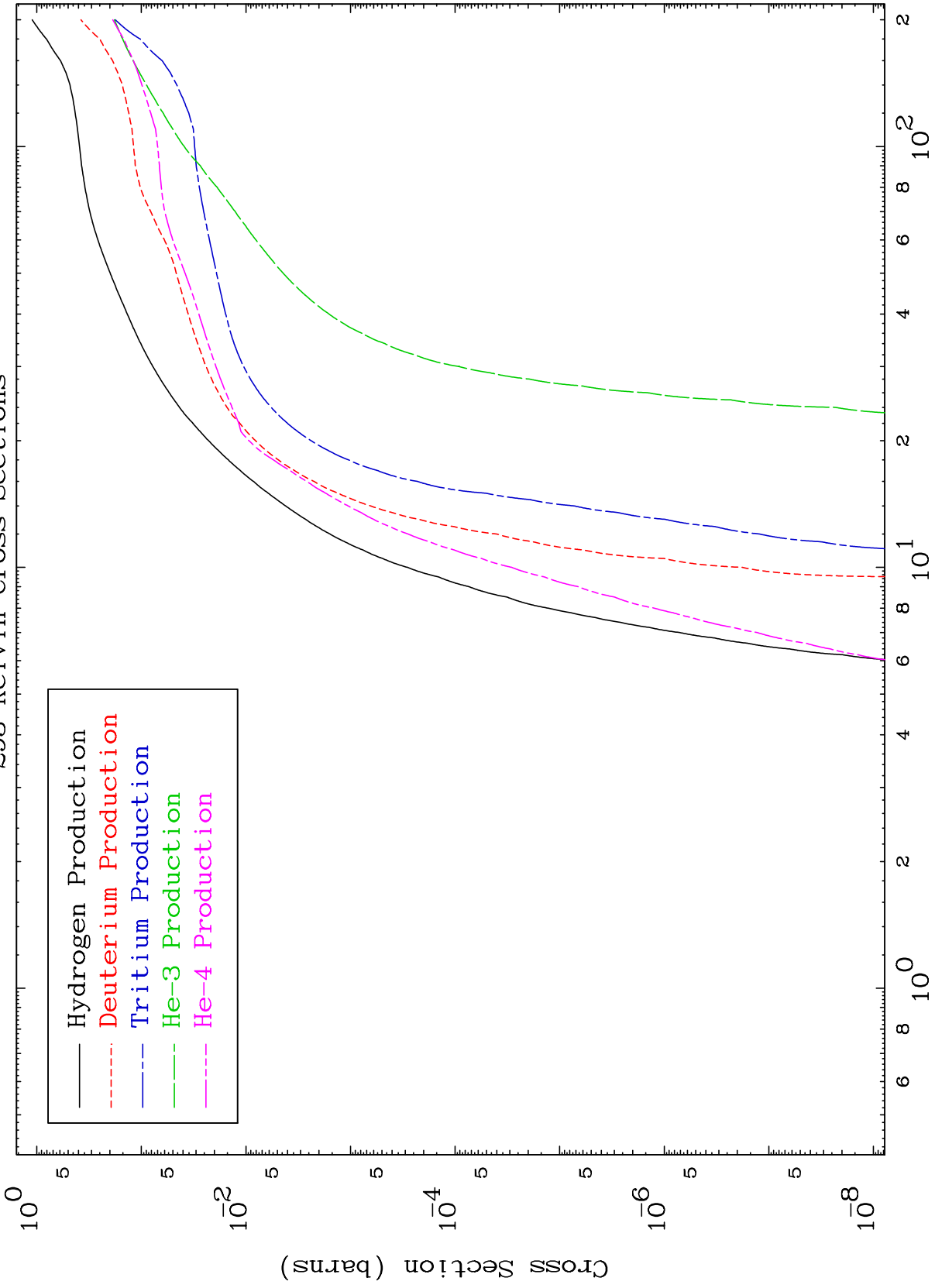




MAT 3737

Particle Production  
293 Kelvin Cross Sections

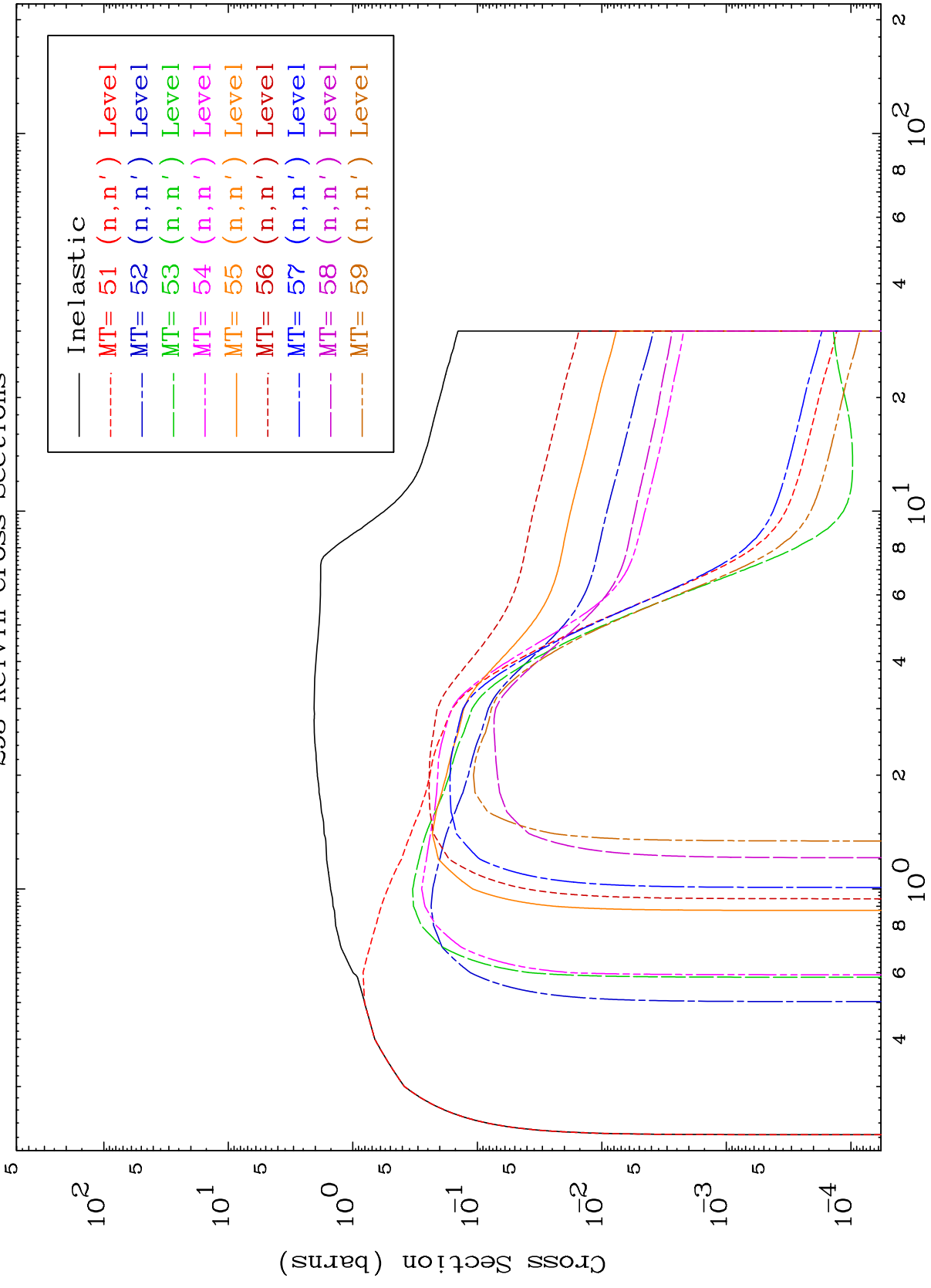
37-Rb-89



6

Incident Energy (MeV)

37-Rb-89



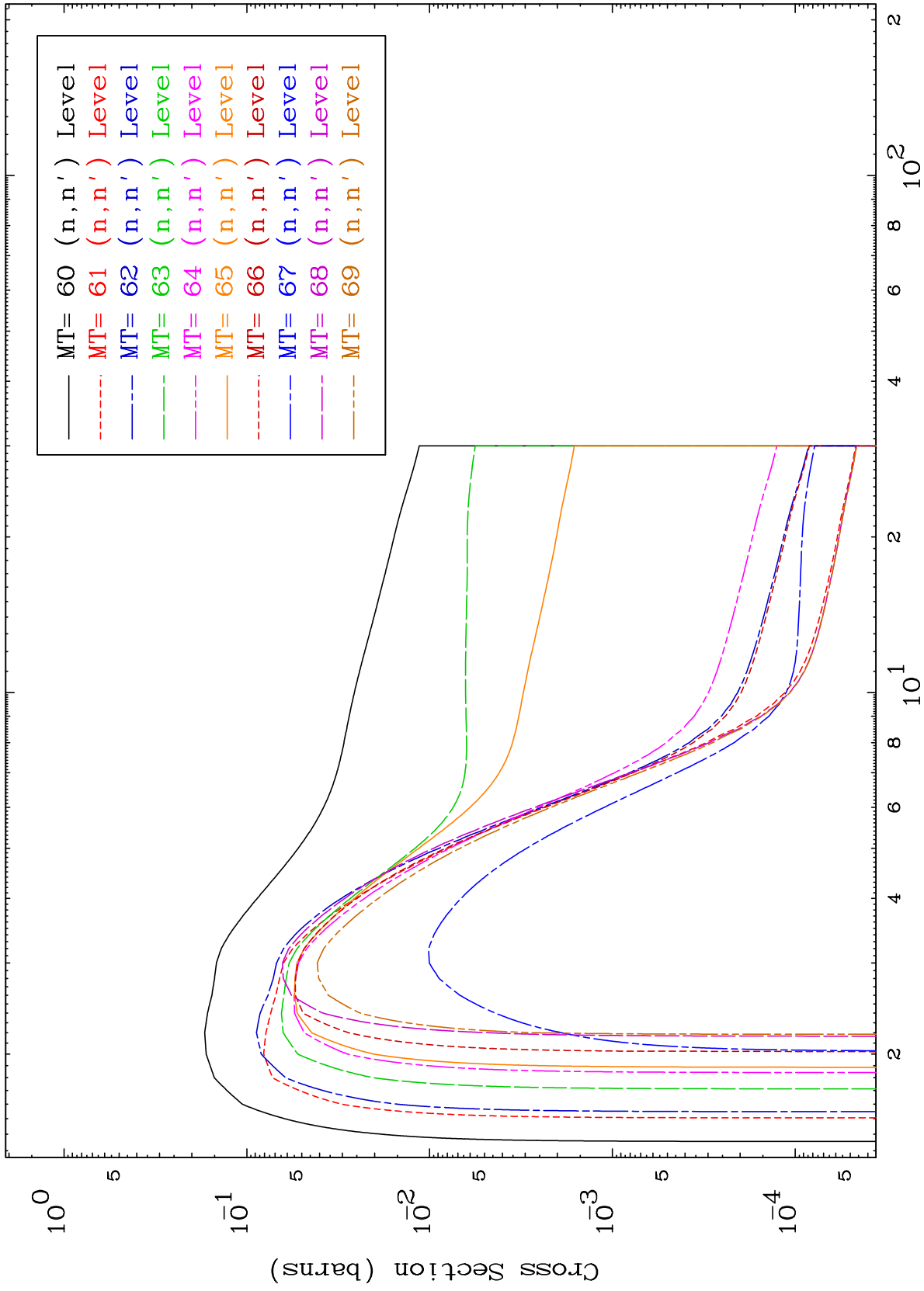


MAT 3737

(n,n') Level

37-Rb-89

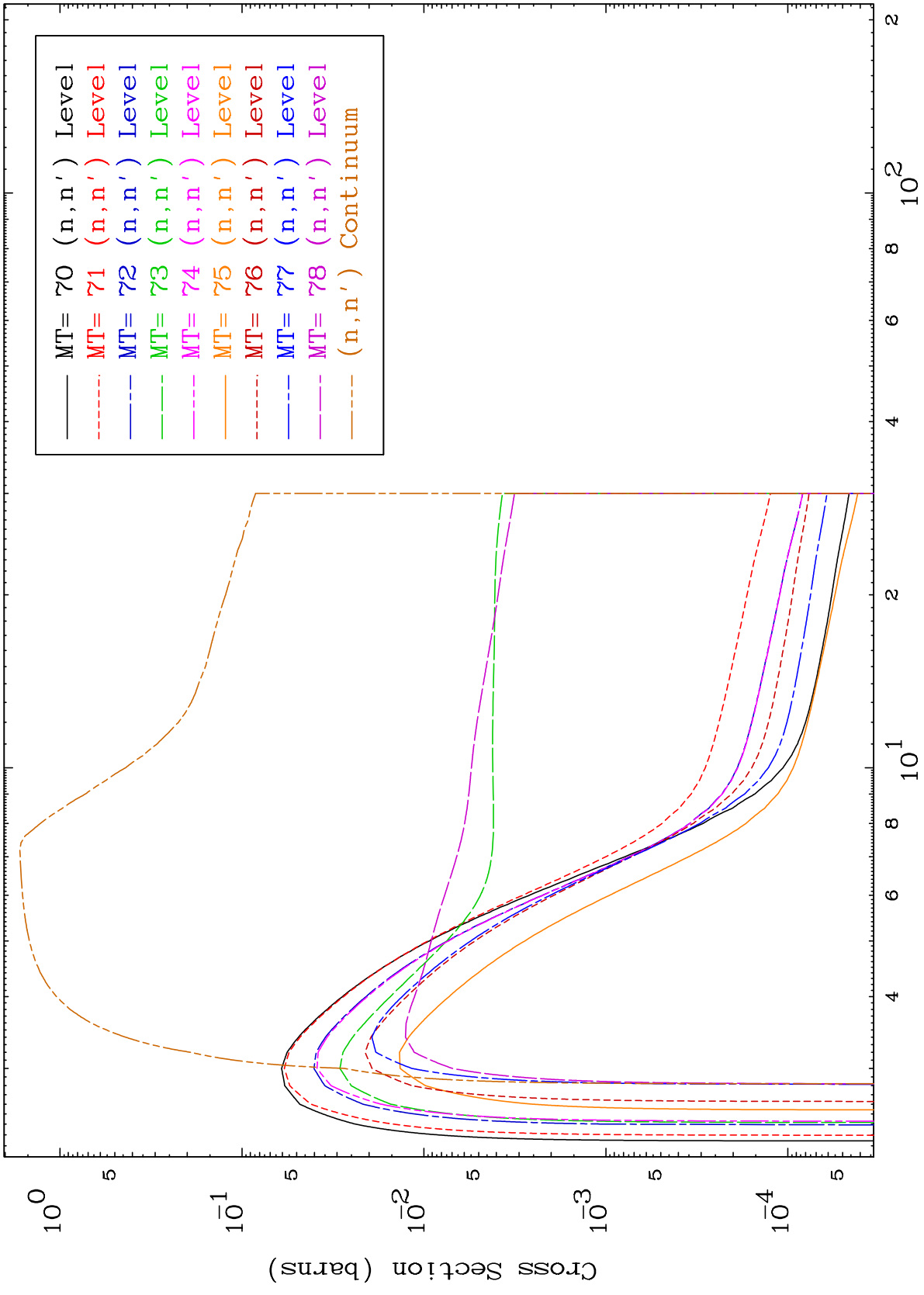
293 Kelvin Cross Sections



8

Incident Energy (MeV)

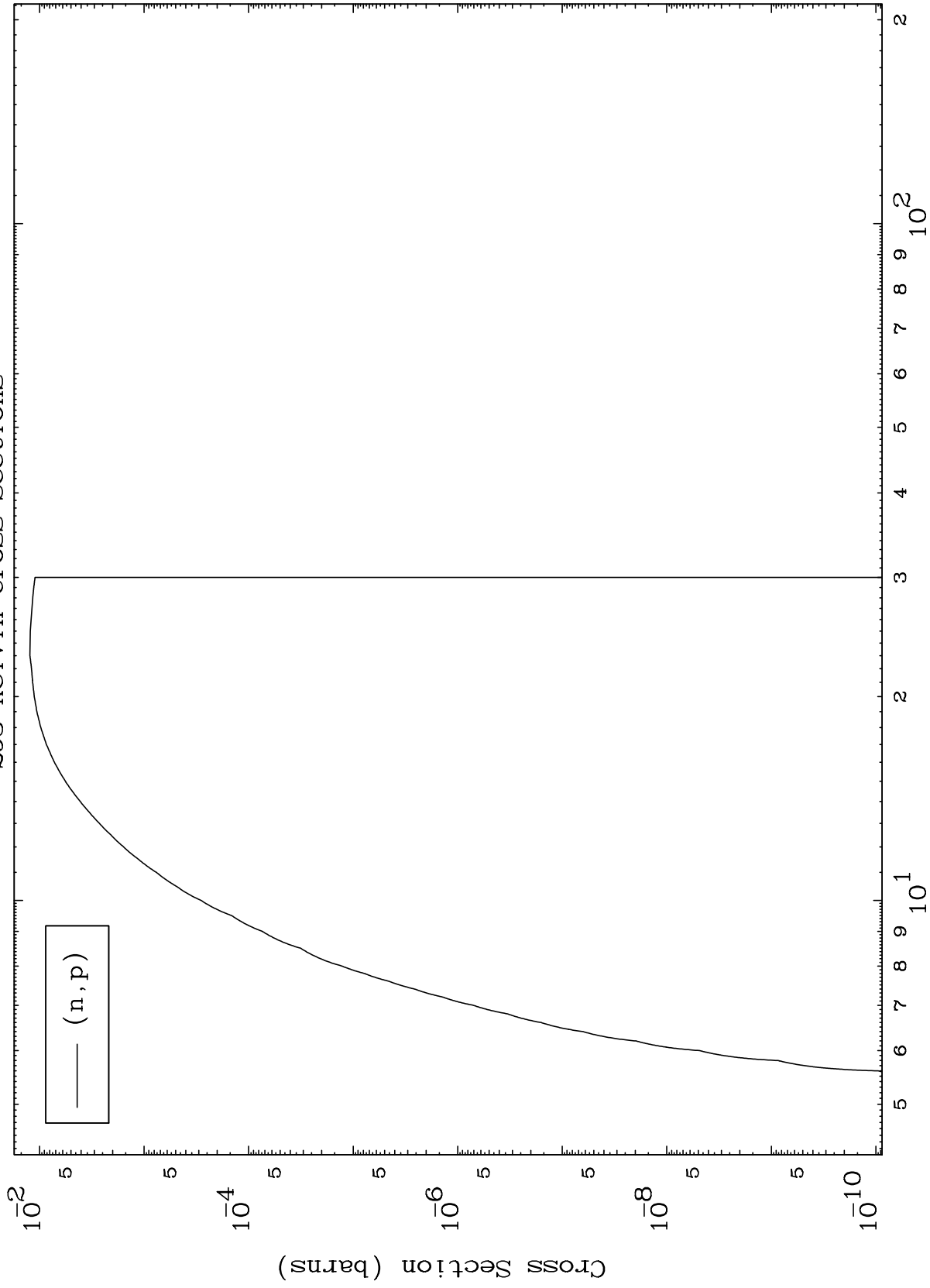
37-Rb-89



MAT 3737

(n,p) Levels  
293 Kelvin Cross Sections

37-Rb-89



10

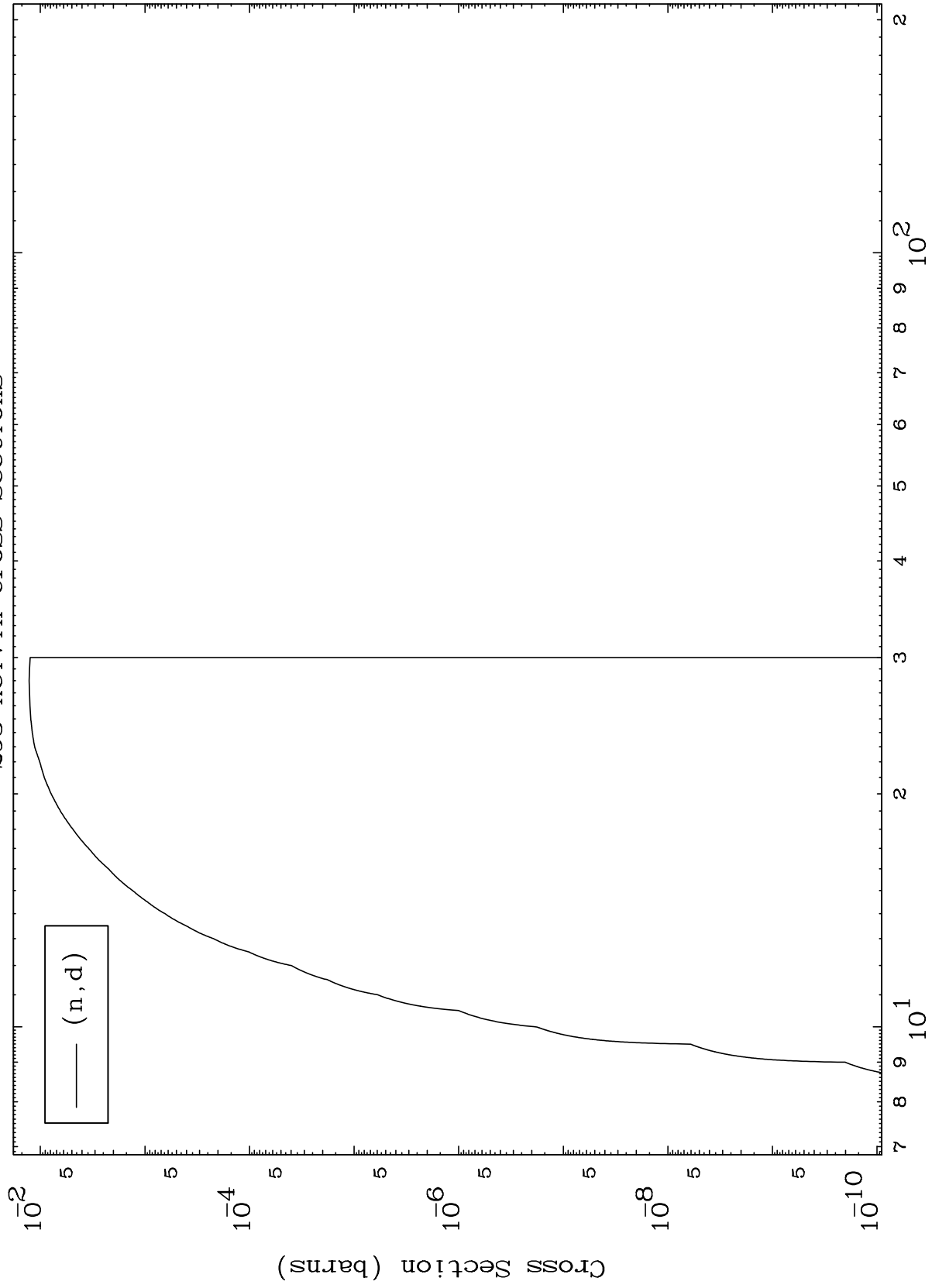
Incident Energy (MeV)

37-Rb-89

MAT 3737

(n,d) Levels  
293 Kelvin Cross Sections

37-Rb-89



11

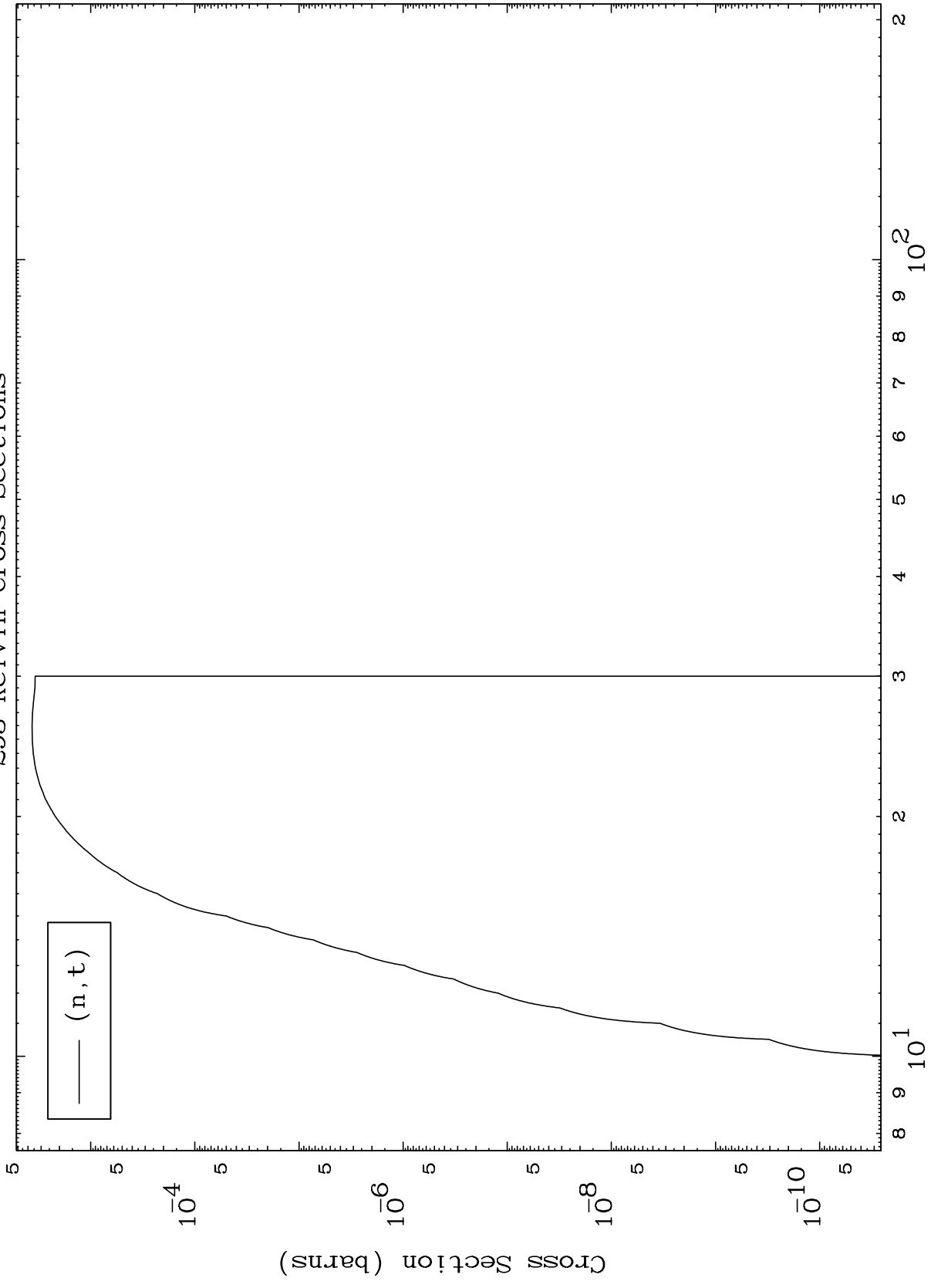
Incident Energy (MeV)

37-Rb-89

MAT 3737

(n,t) Levels  
293 Kelvin Cross Sections

37-Rb-89



12

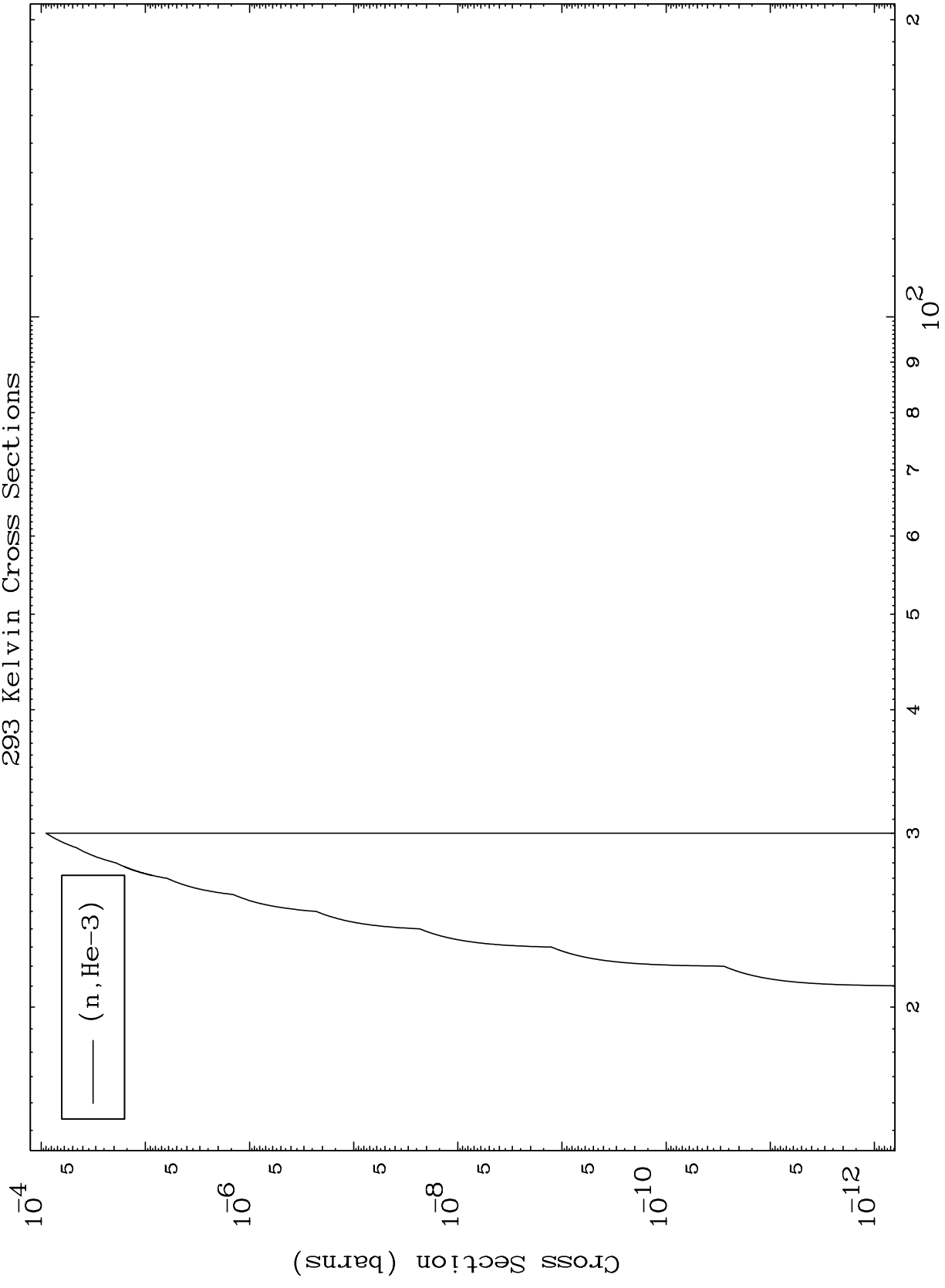
Incident Energy (MeV)

37-Rb-89

MAT 3737

(n,He3) Levels  
293 Kelvin Cross Sections

37-Rb-89



13

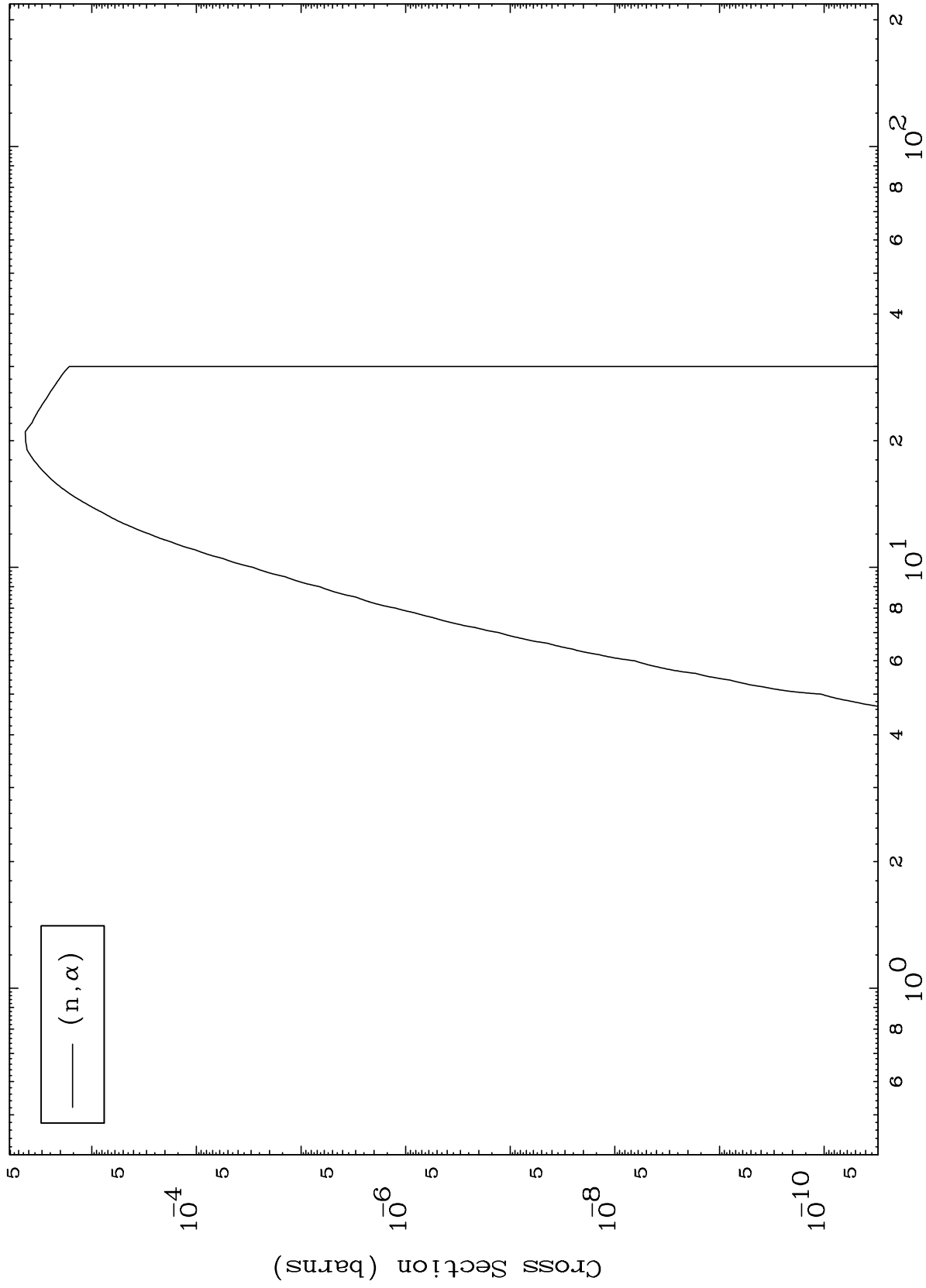
Incident Energy (MeV)

37-Rb-89

MAT 3737

(n,α) Levels  
293 Kelvin Cross Sections

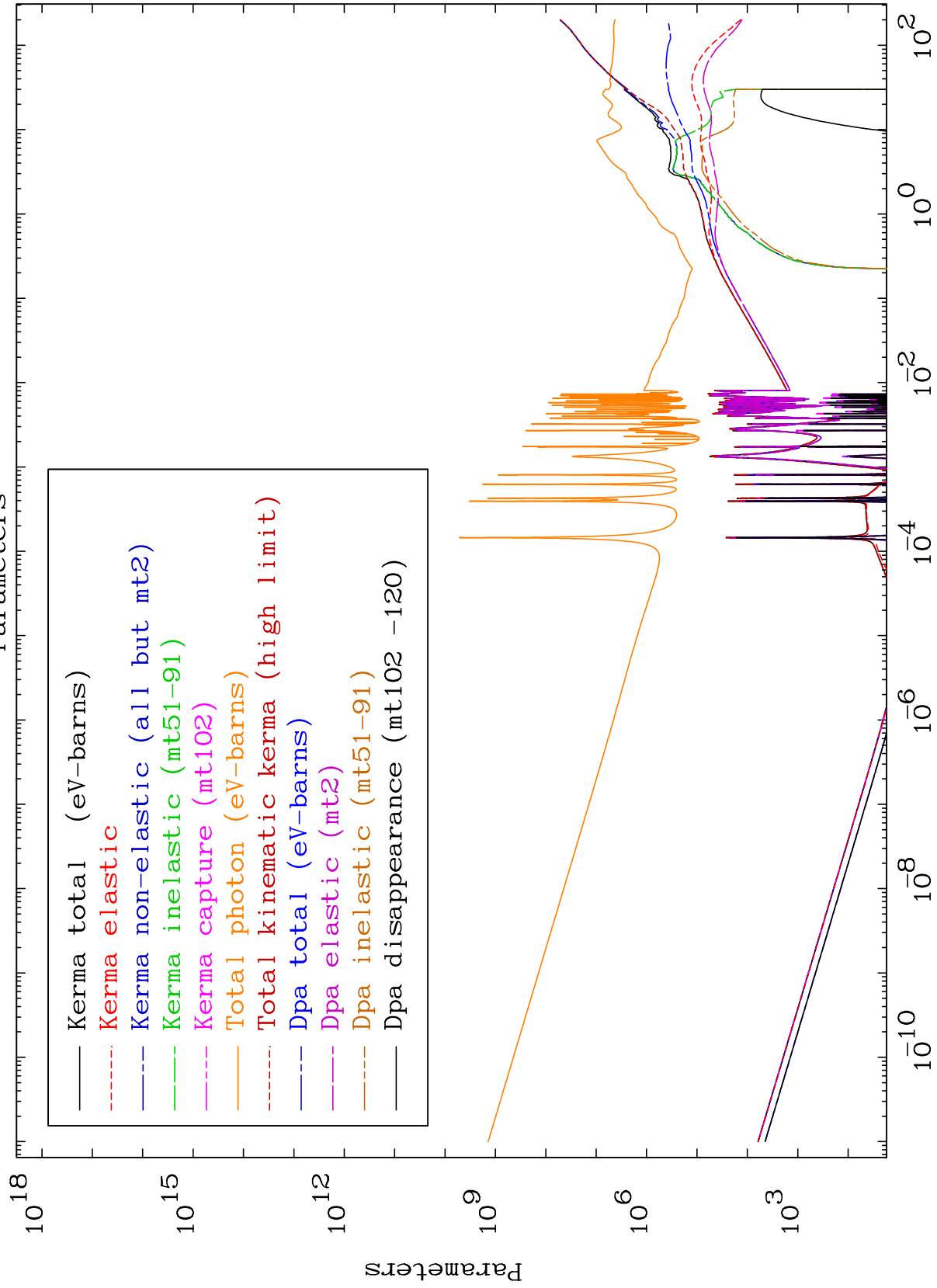
37-Rb-89



14

Incident Energy (MeV)

37-Rb-89

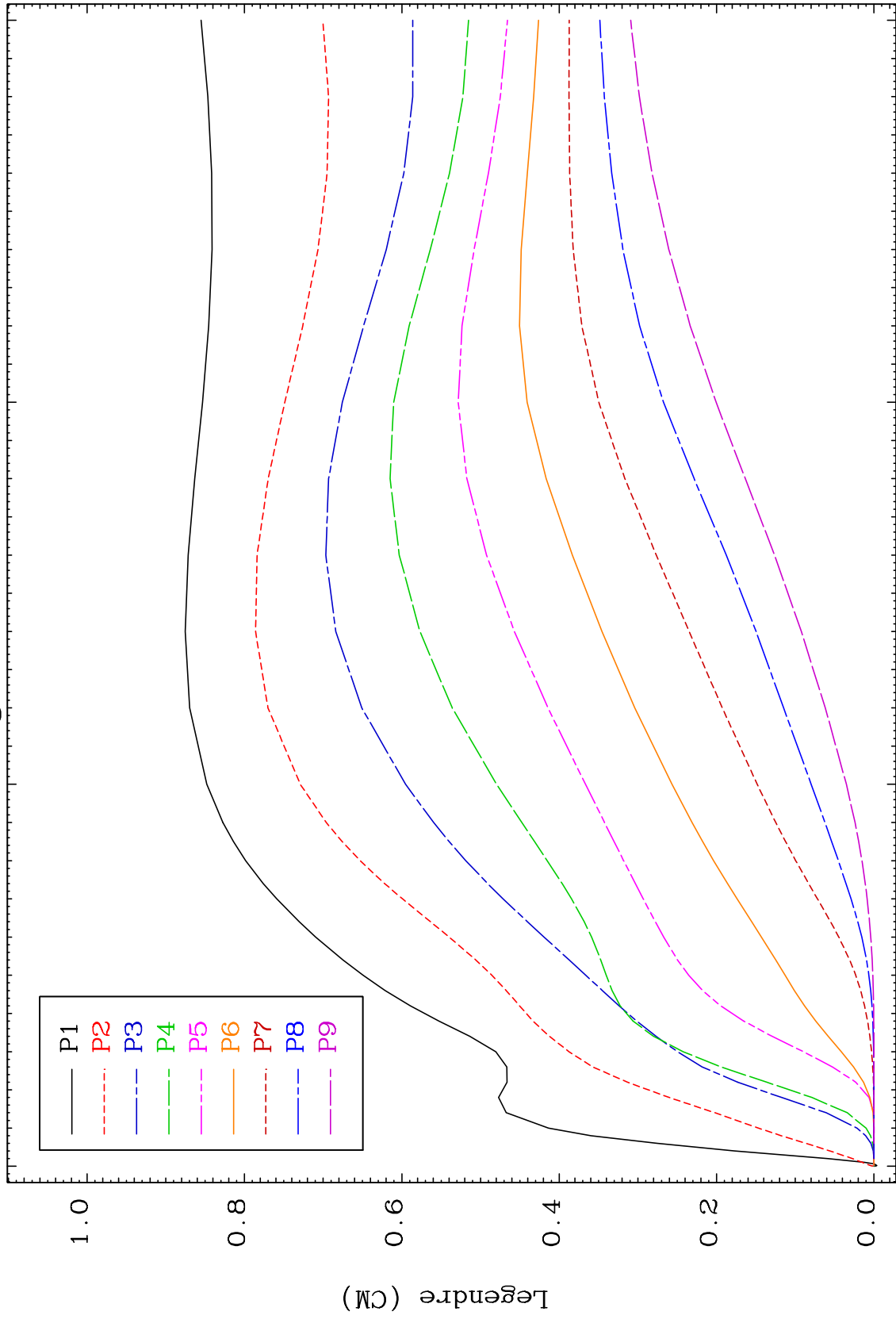




MAT 3737

Elastic Legendre Coefficients

37-Rb-89



16

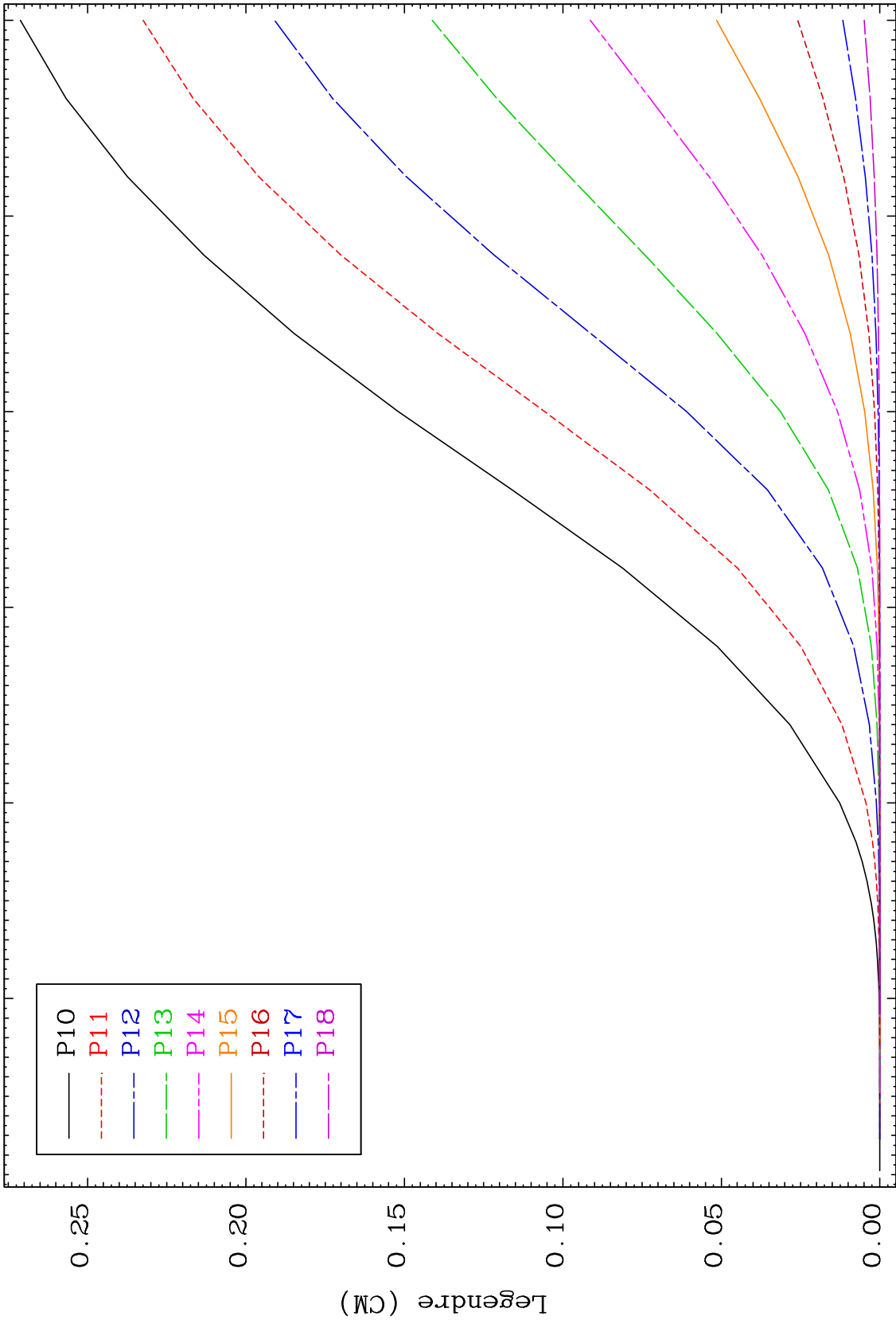
Incident Energy (MeV)

37-Rb-89

MAT 3737

Elastic Legendre Coefficients

37-Rb-89



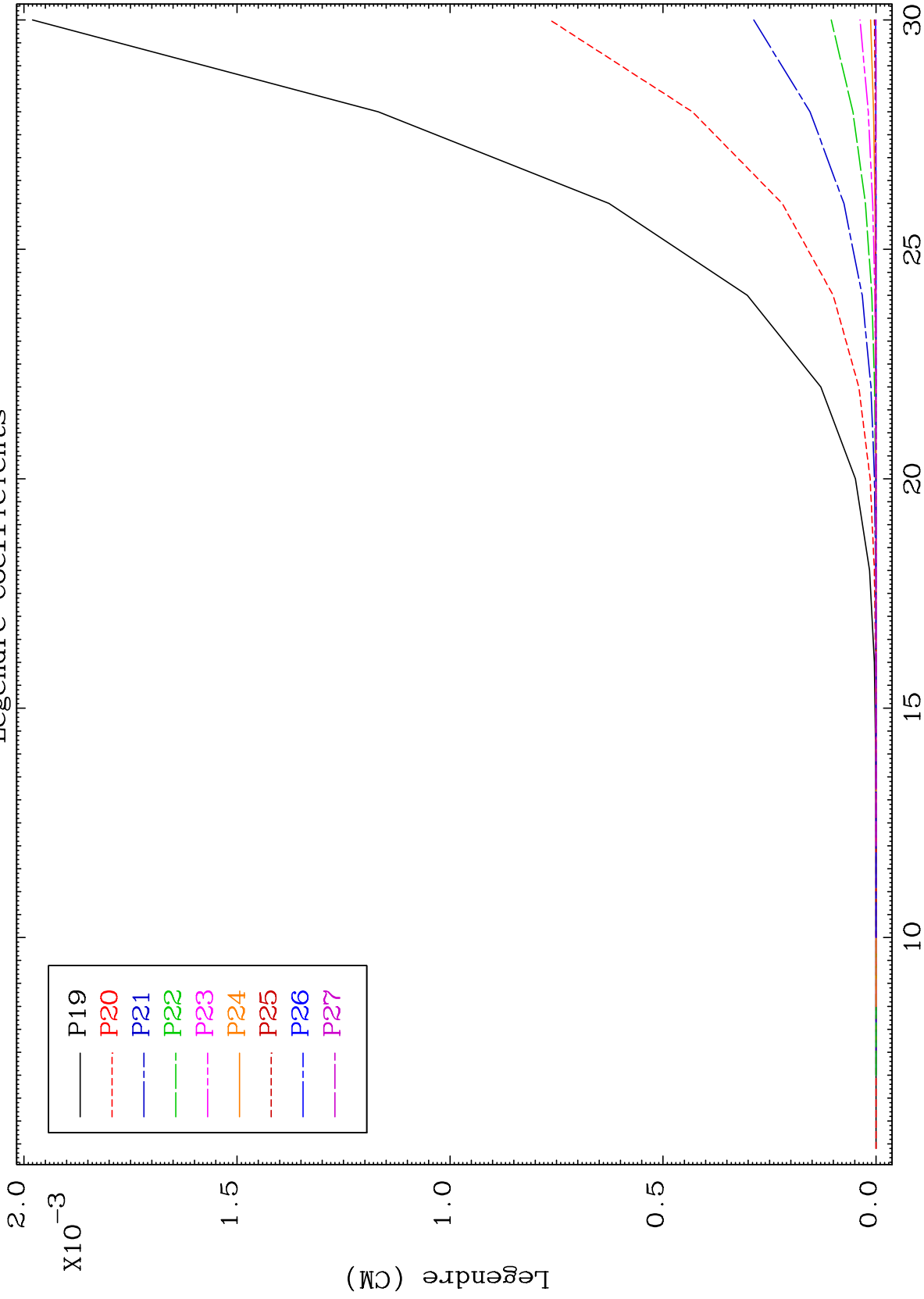
17

37-Rb-89

MAT 3737

### Elastic Legendre Coefficients

37-Rb-89



18

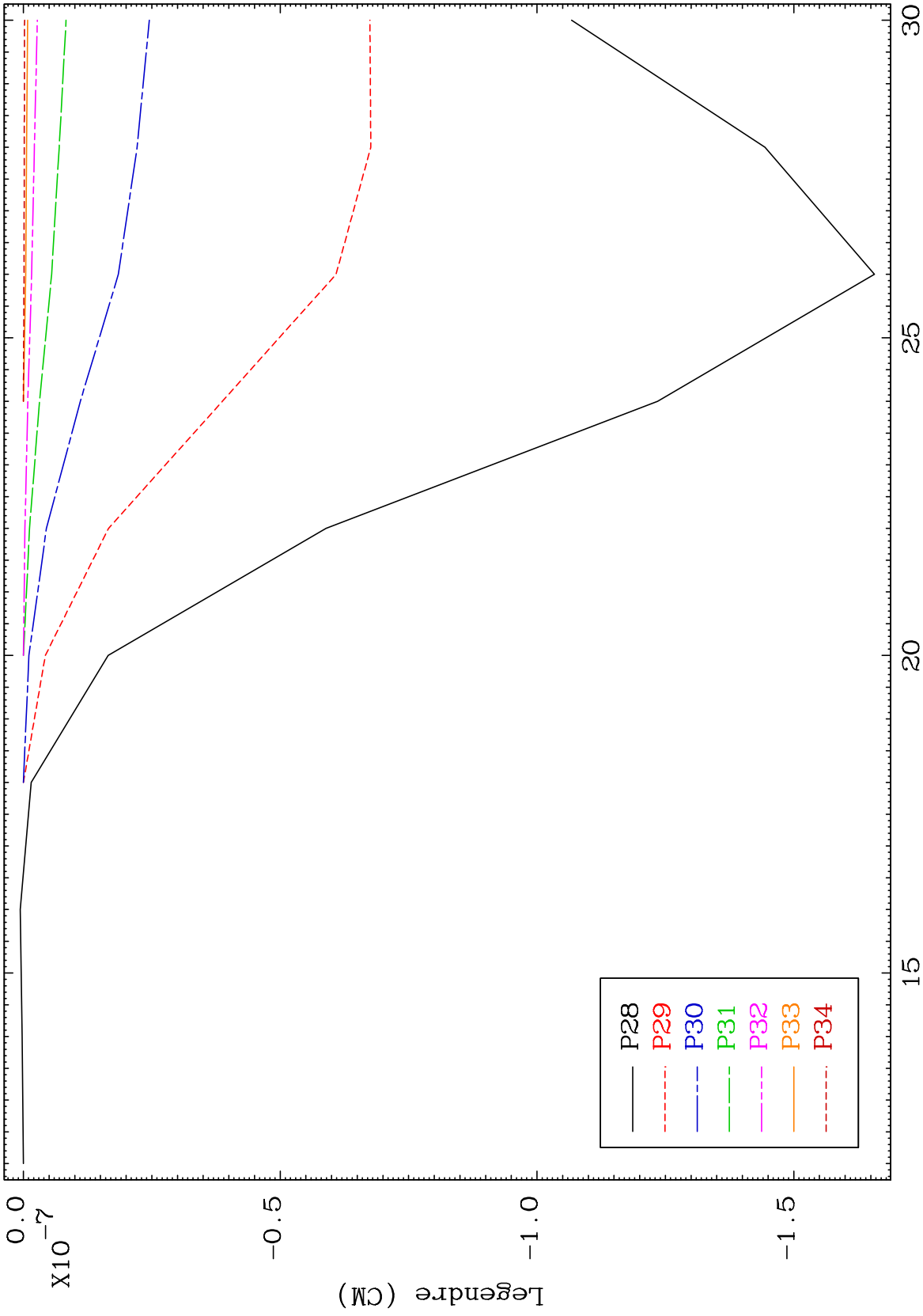
Incident Energy (MeV)

37-Rb-89

MAT 3737

37-Rb-89

Elastic Legendre Coefficients



19

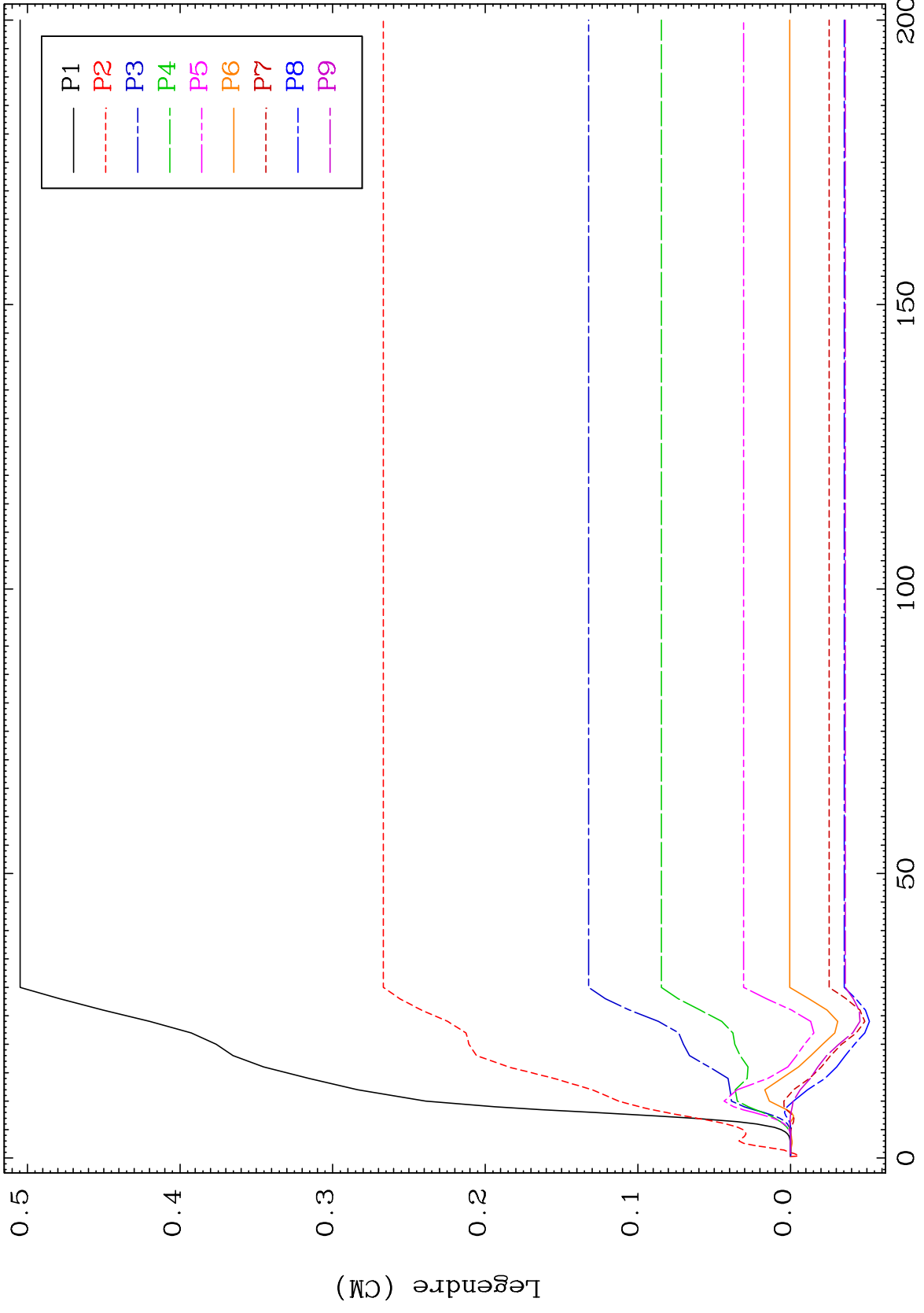
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



37-Rb-89

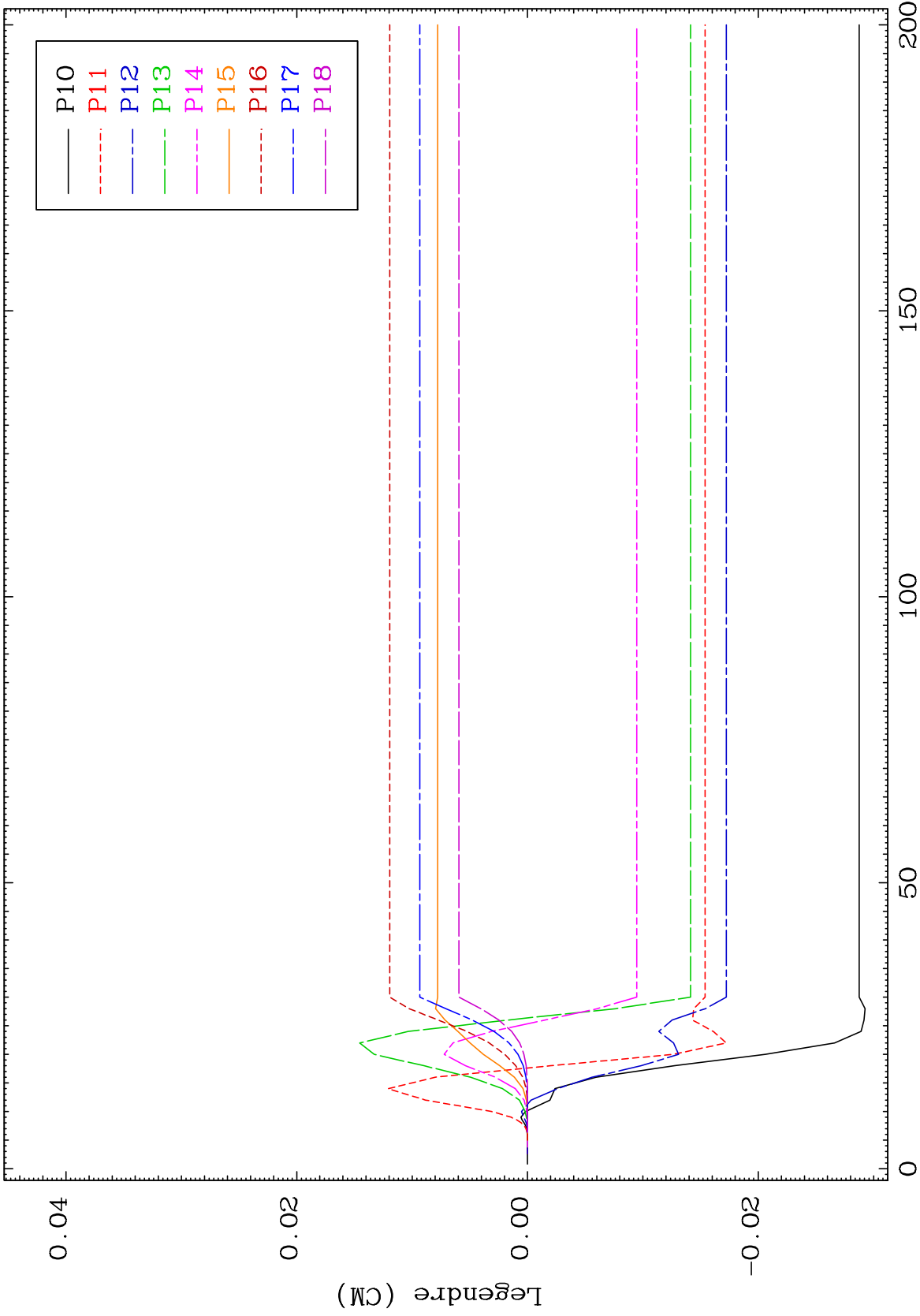
Incident Energy (MeV)

Legendre (CM)

MAT 3737

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

37-Rb-89



21

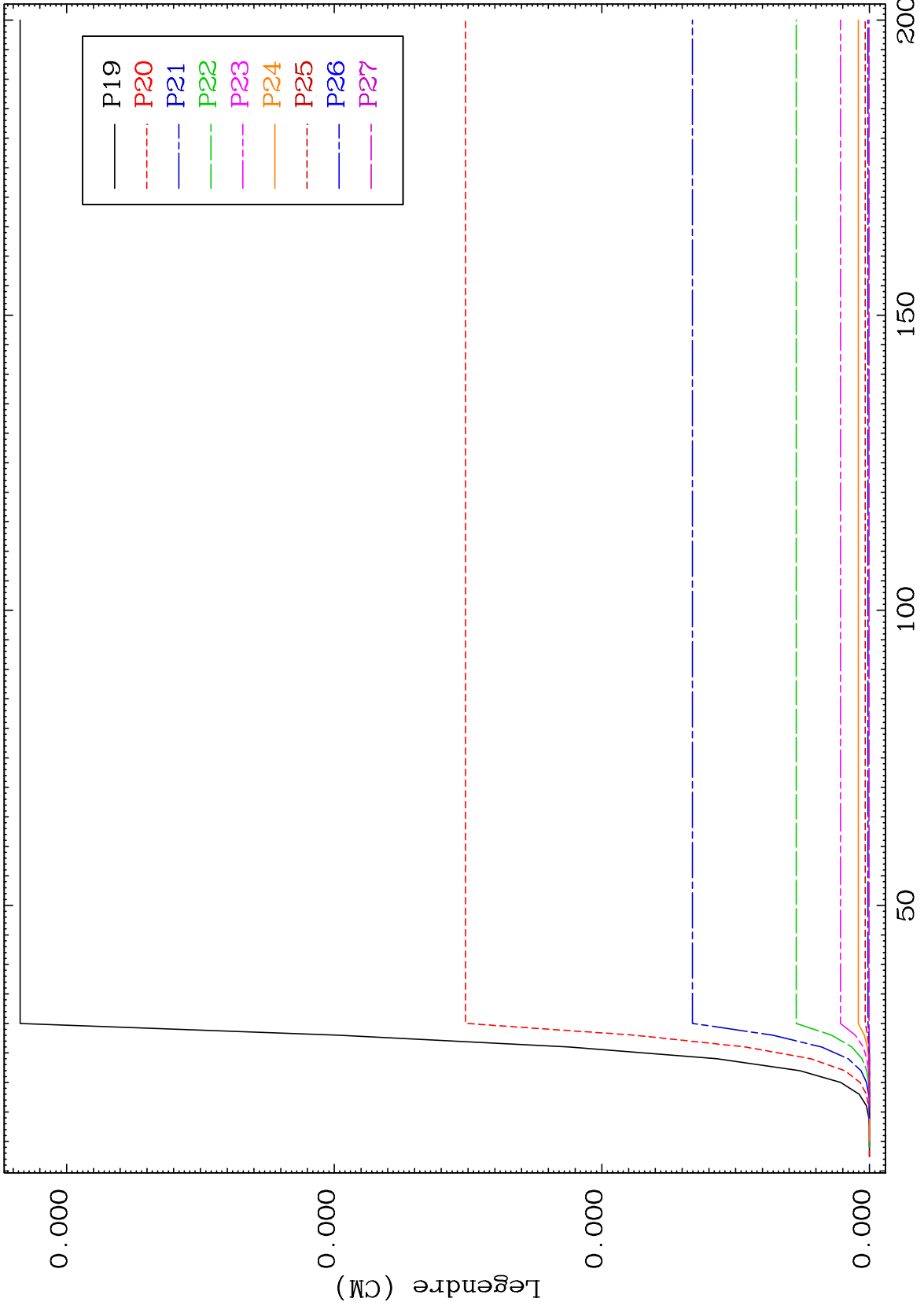
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



22

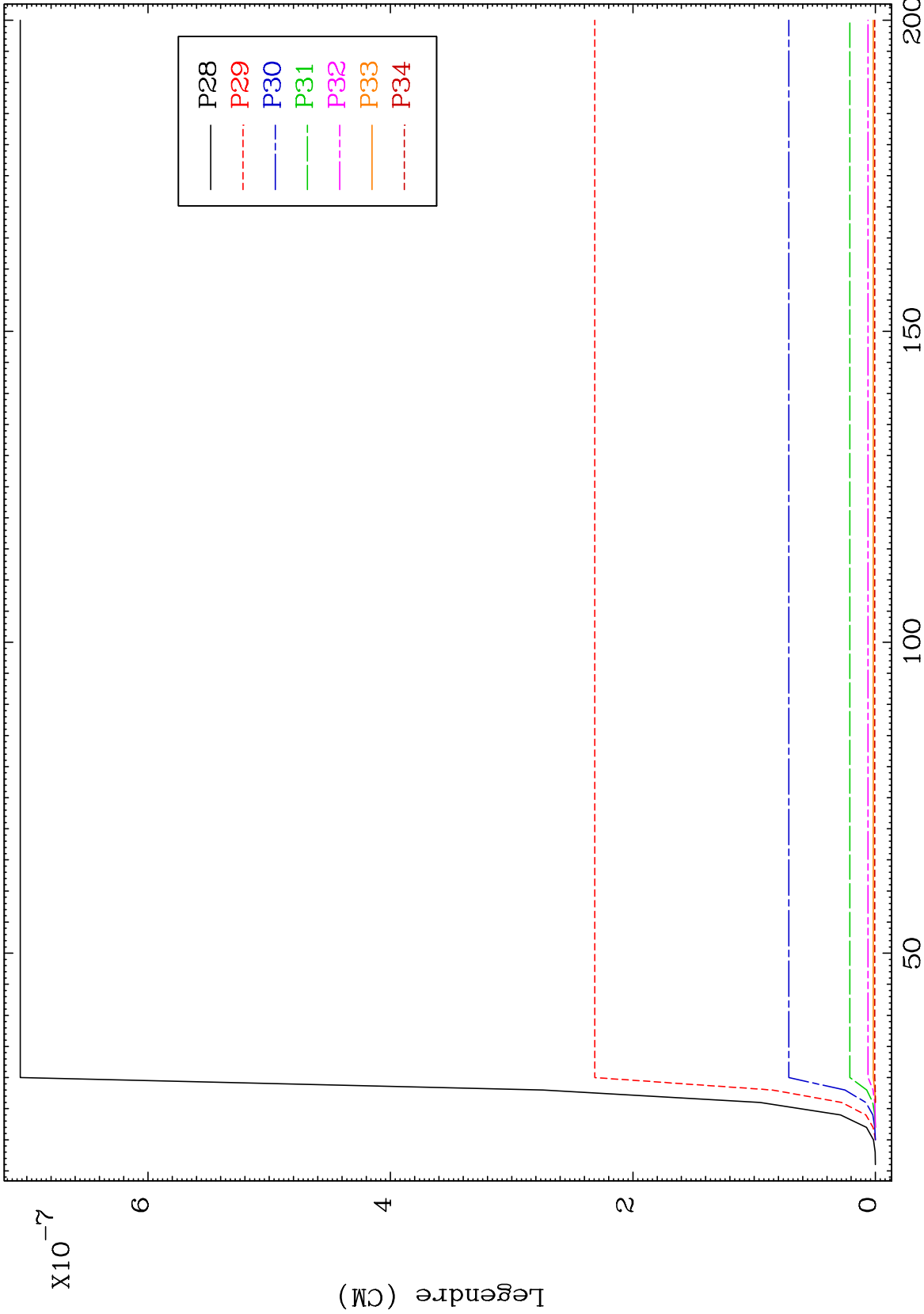
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



23

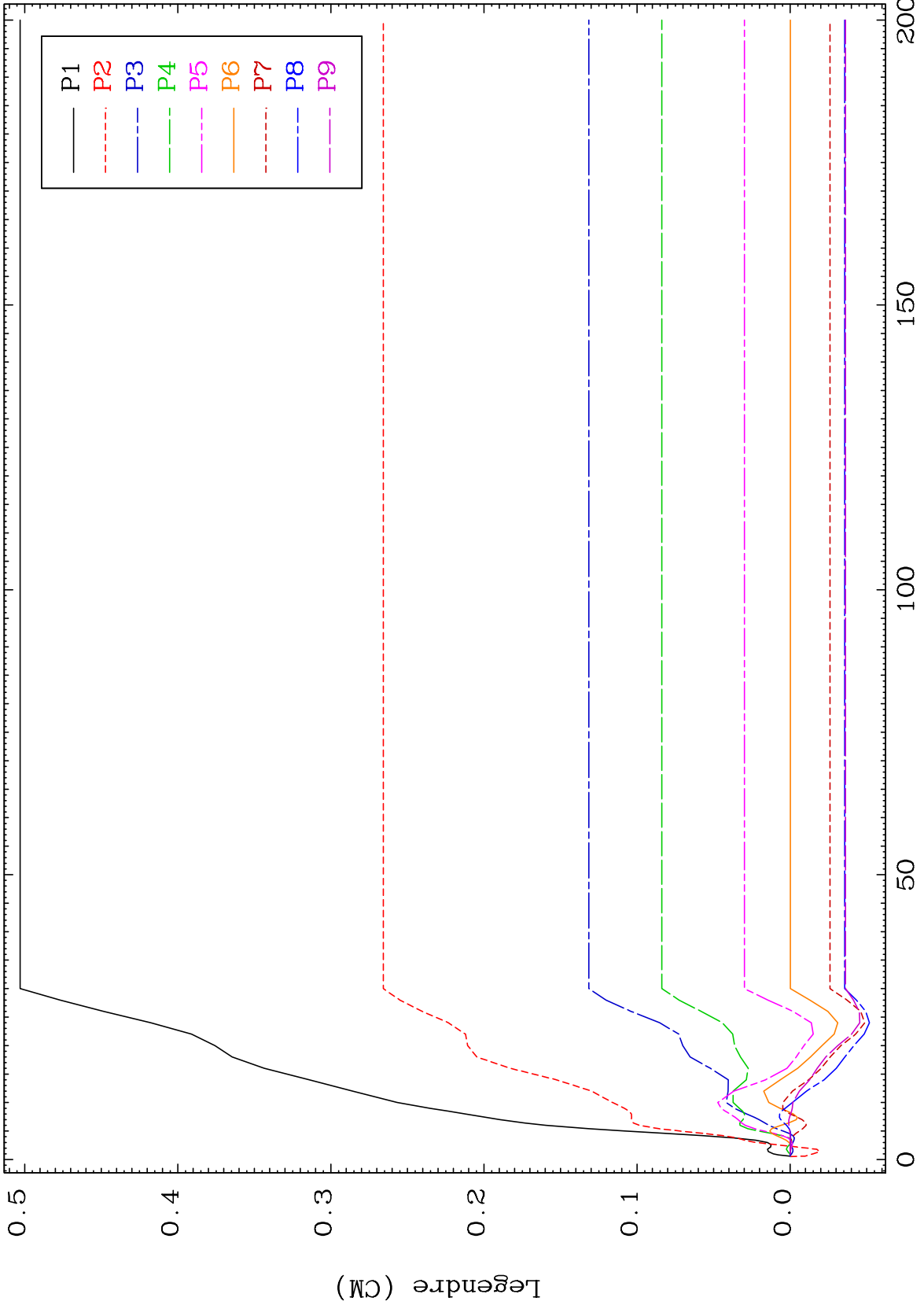
37-Rb-89



MAT 3737

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

37-Rb-89



24

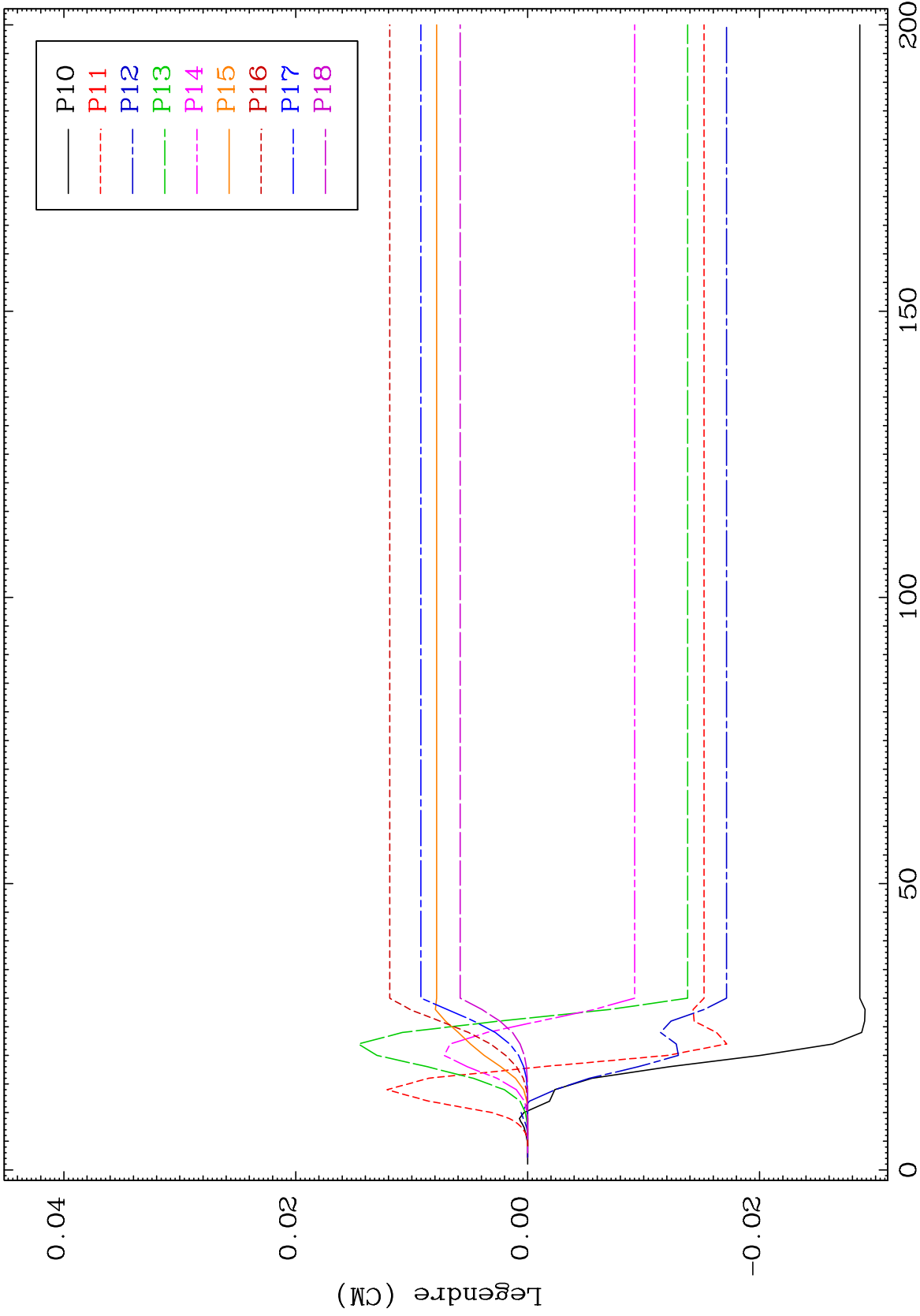
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



25

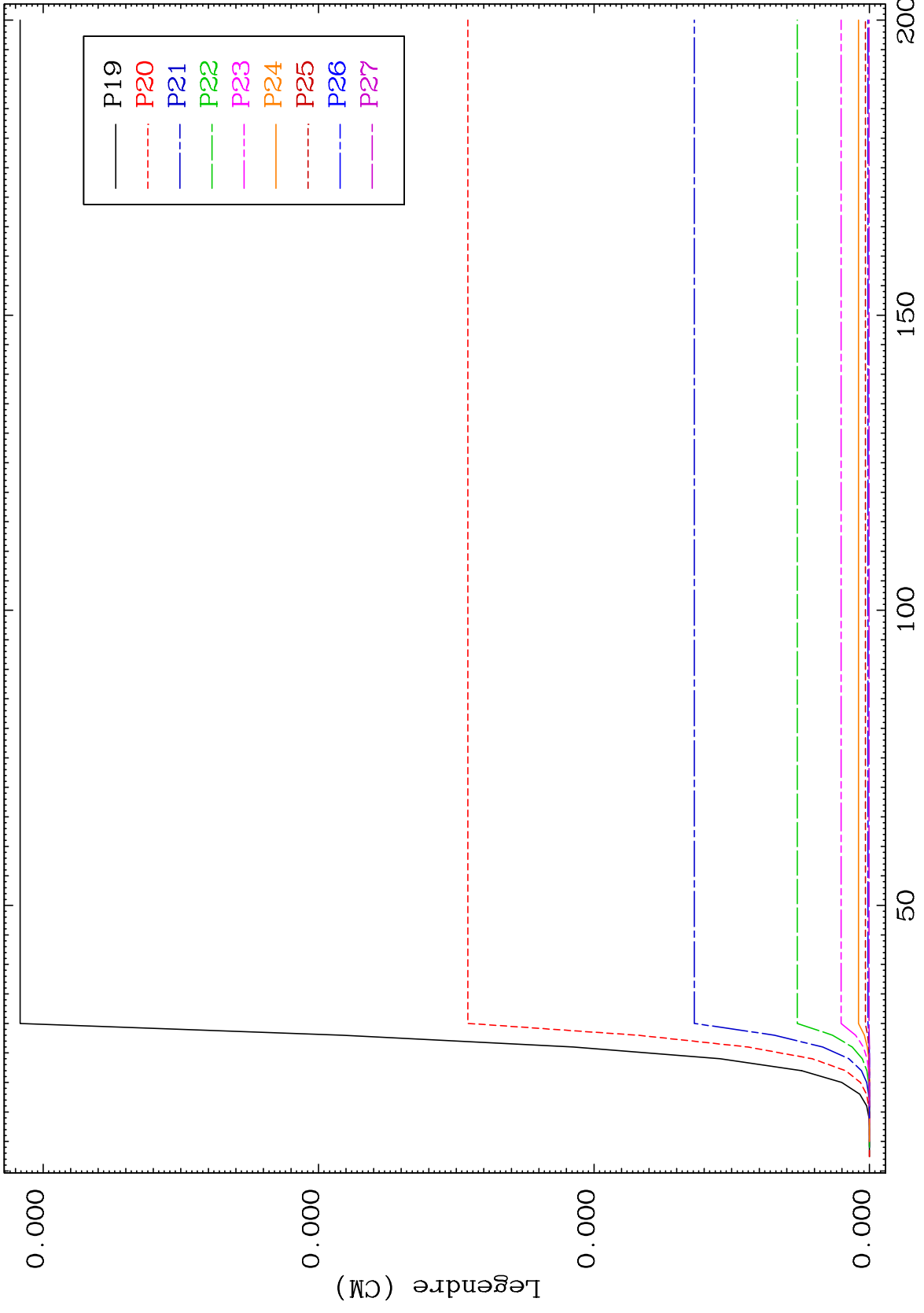
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



26

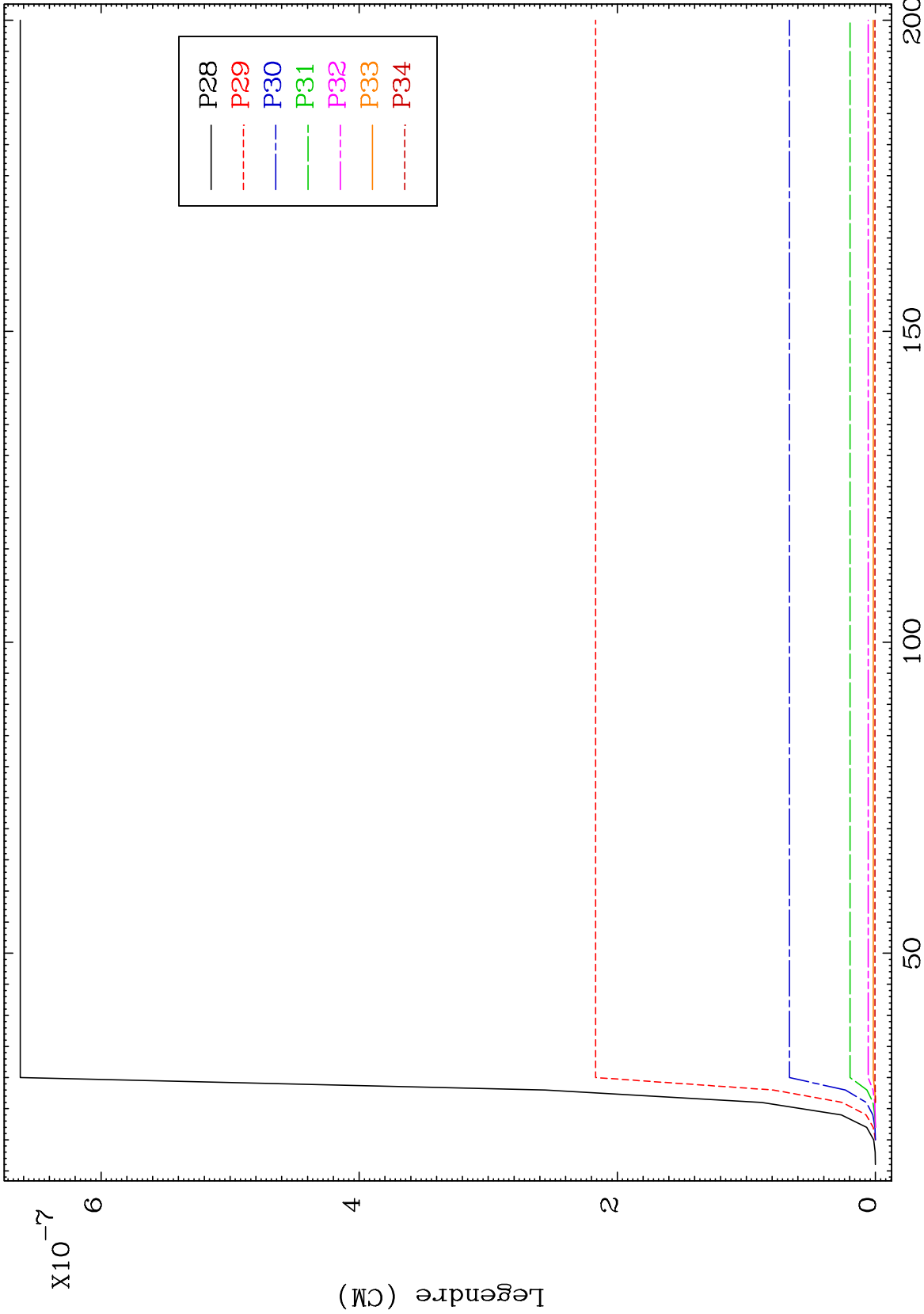
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



27

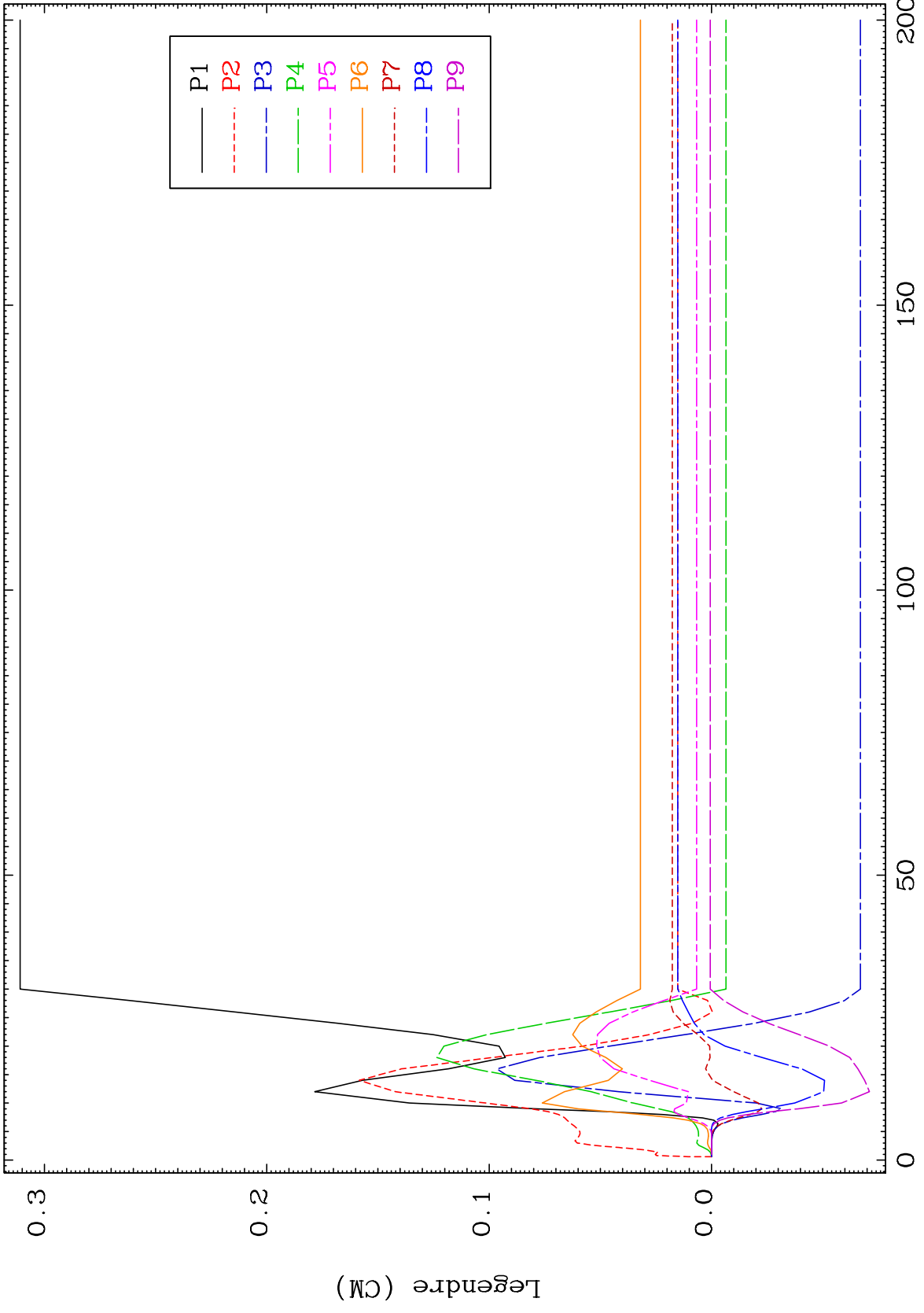
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

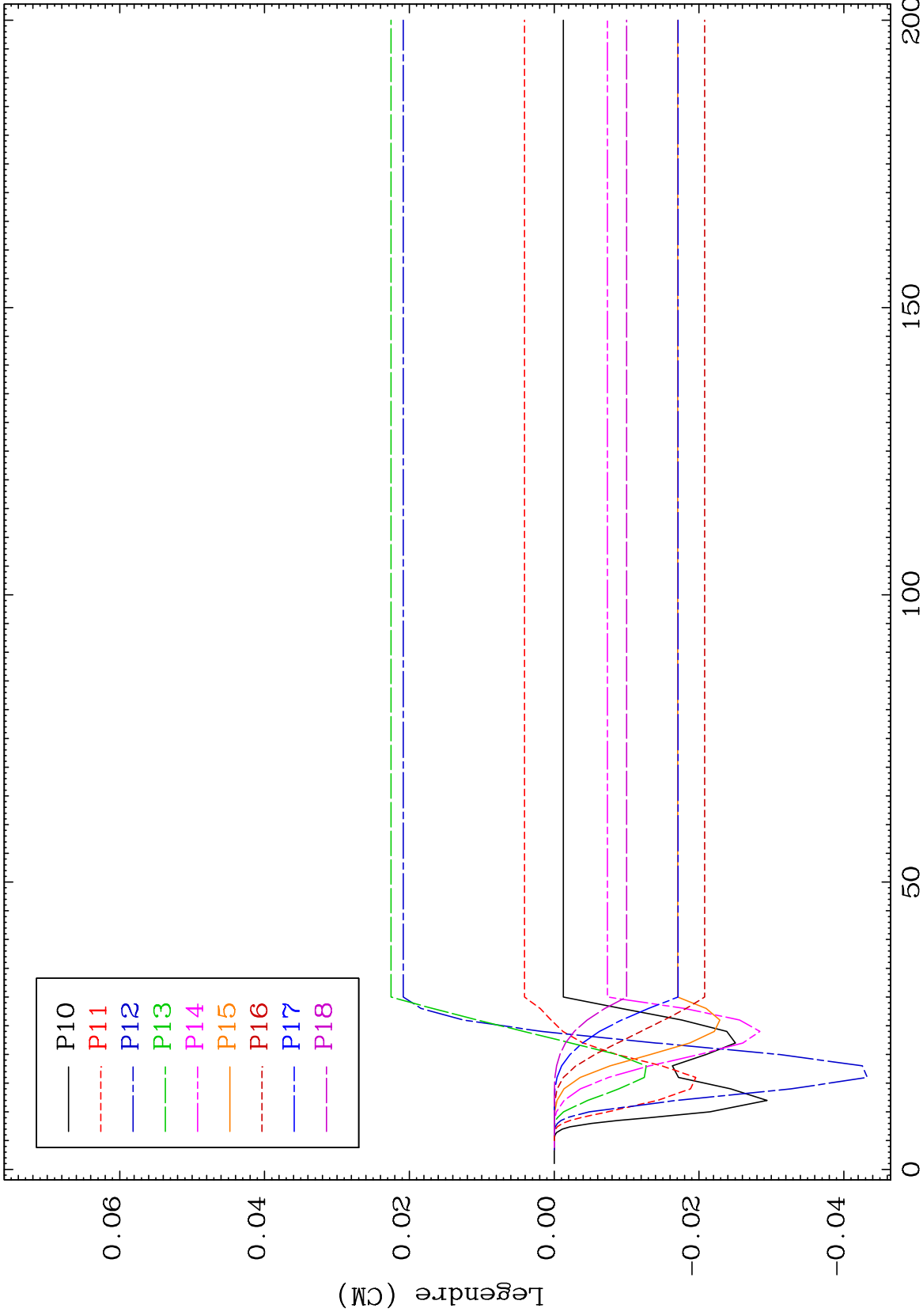
37-Rb-89



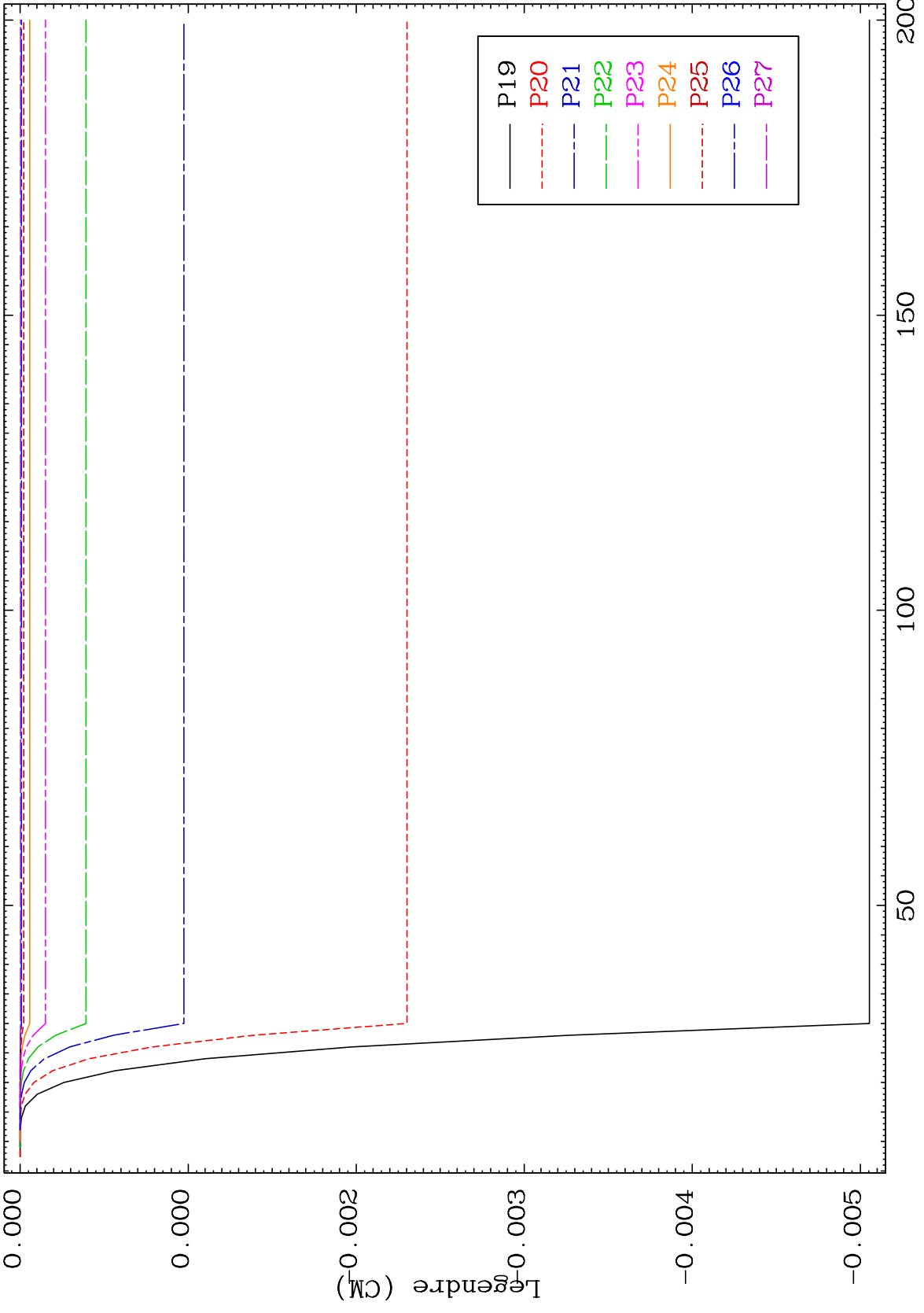
28

Incident Energy (MeV)

37-Rb-89



MAT 3737 MT= 53 (n,n') Level Legendre Coefficients 37-Rb-89

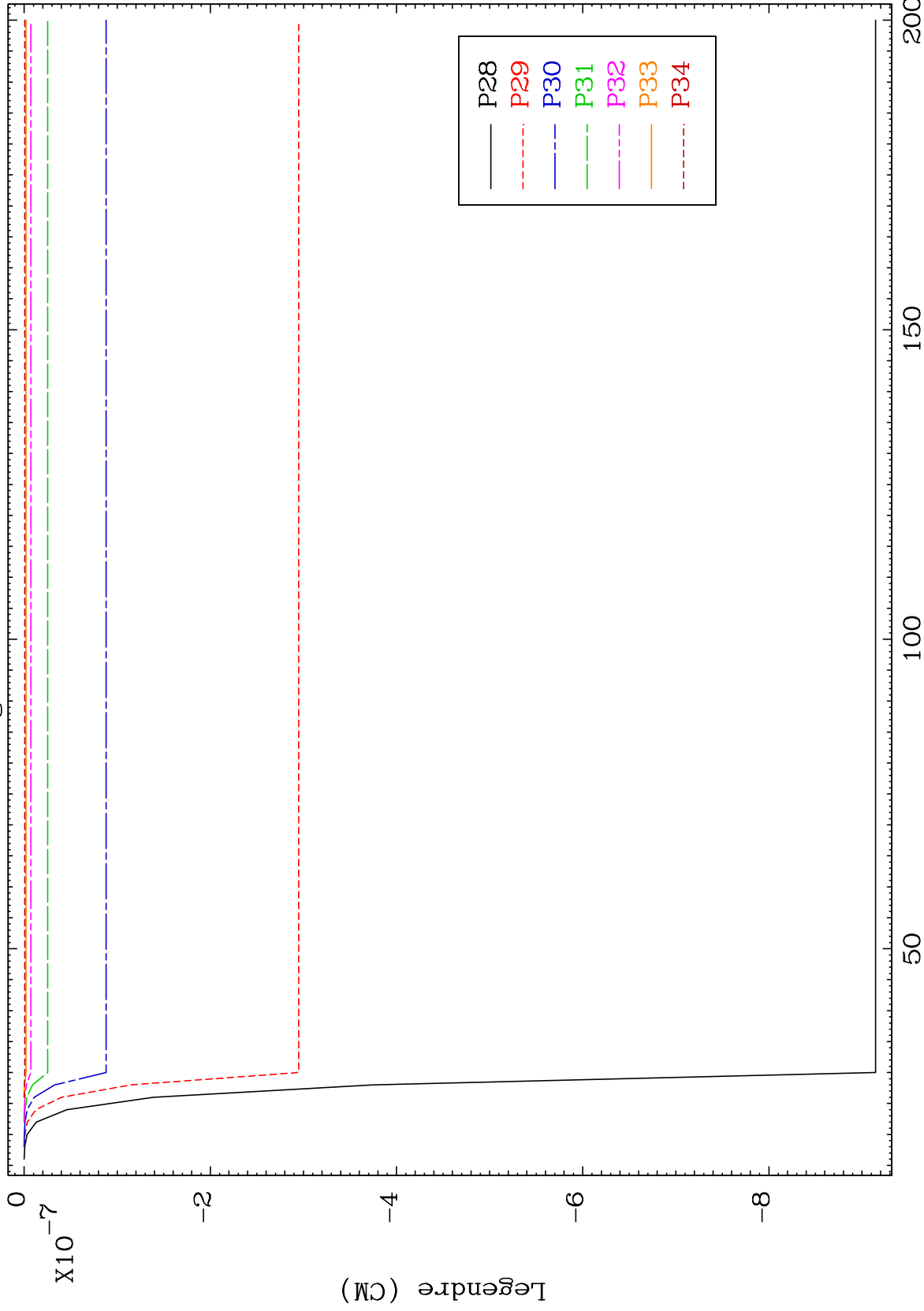


30 Incident Energy (MeV) 37-Rb-89

MAT 3737

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

37-Rb-89



31

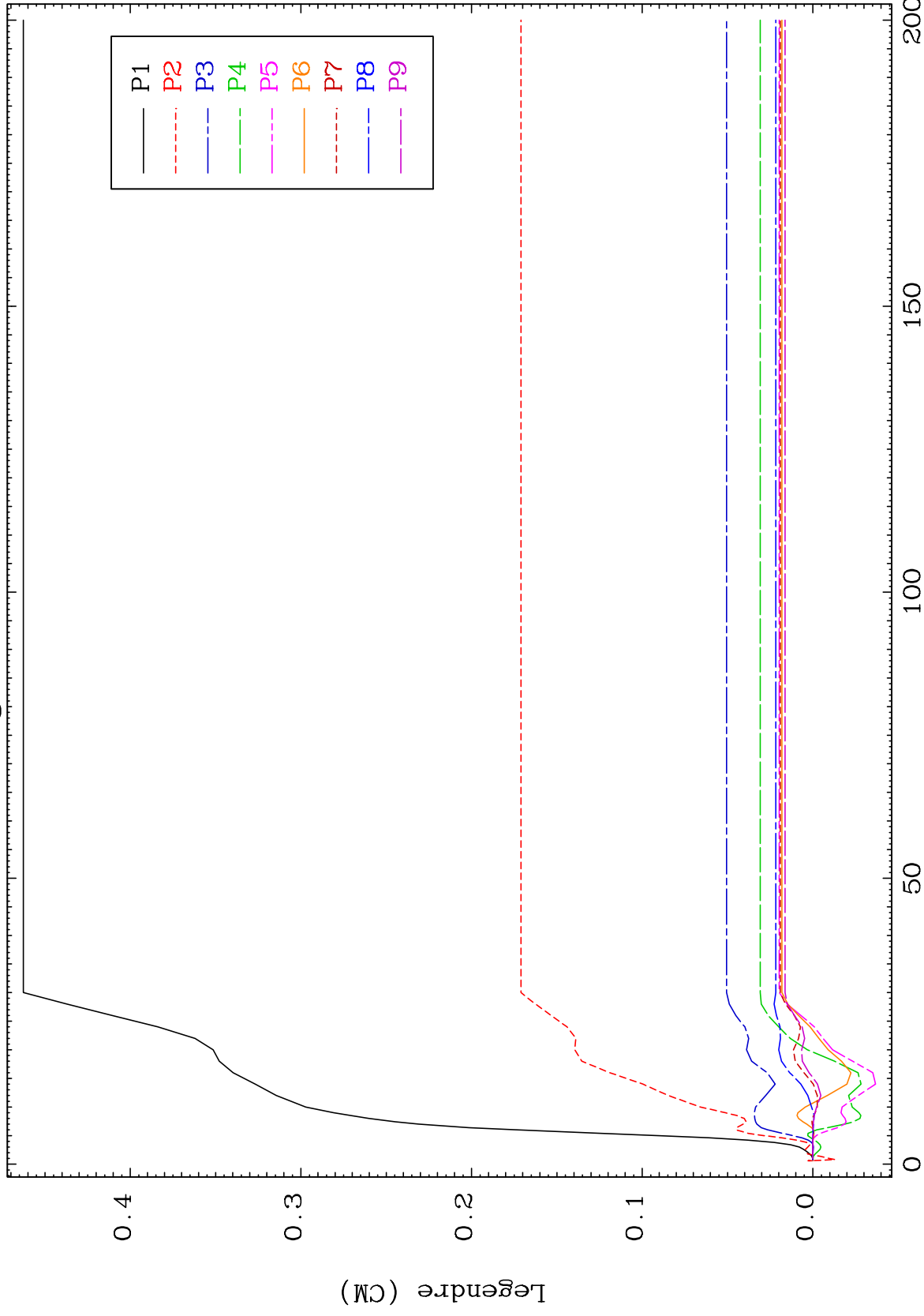
37-Rb-89



MAT 3737

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

37-Rb-89



32

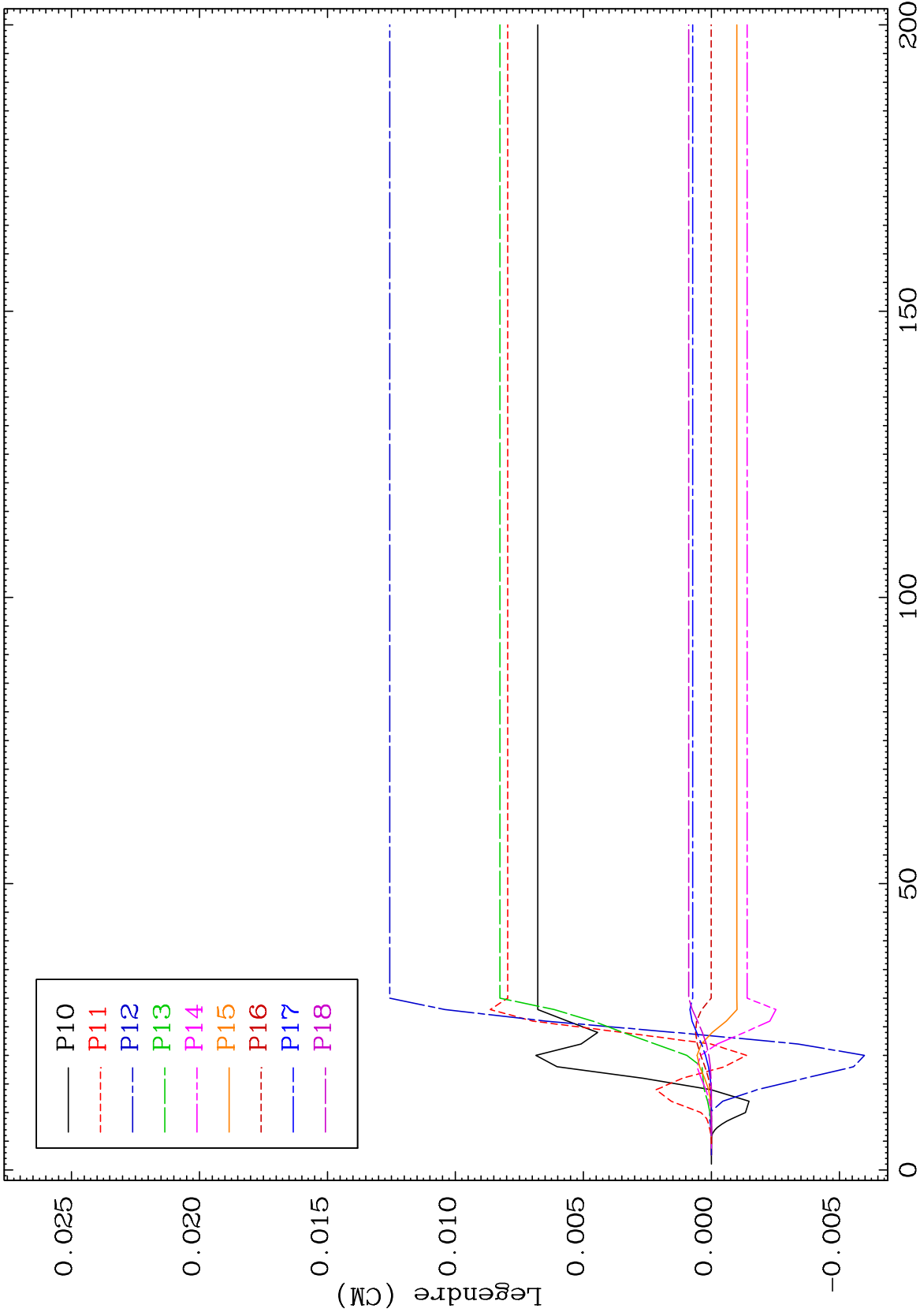
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



33

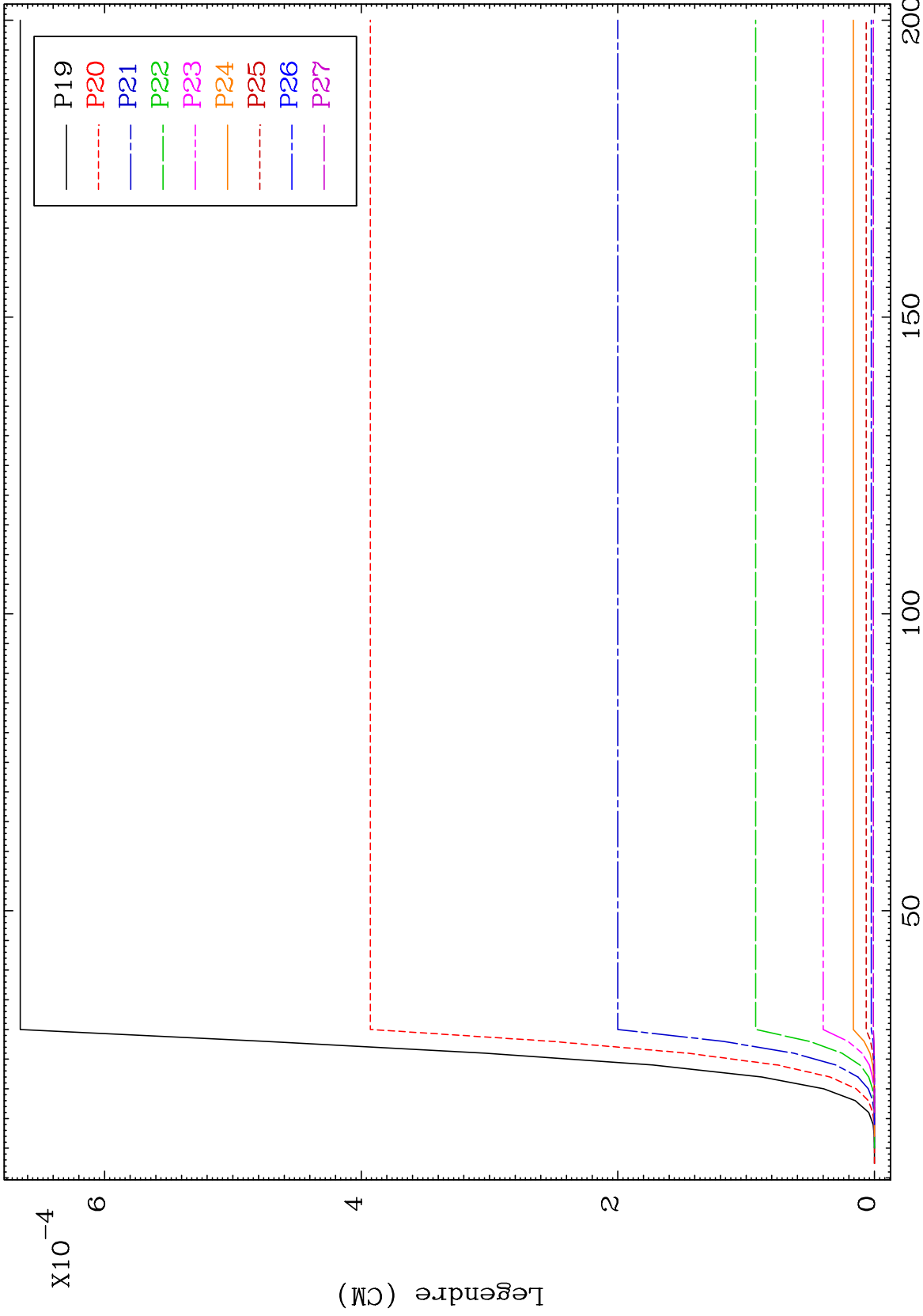
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



34

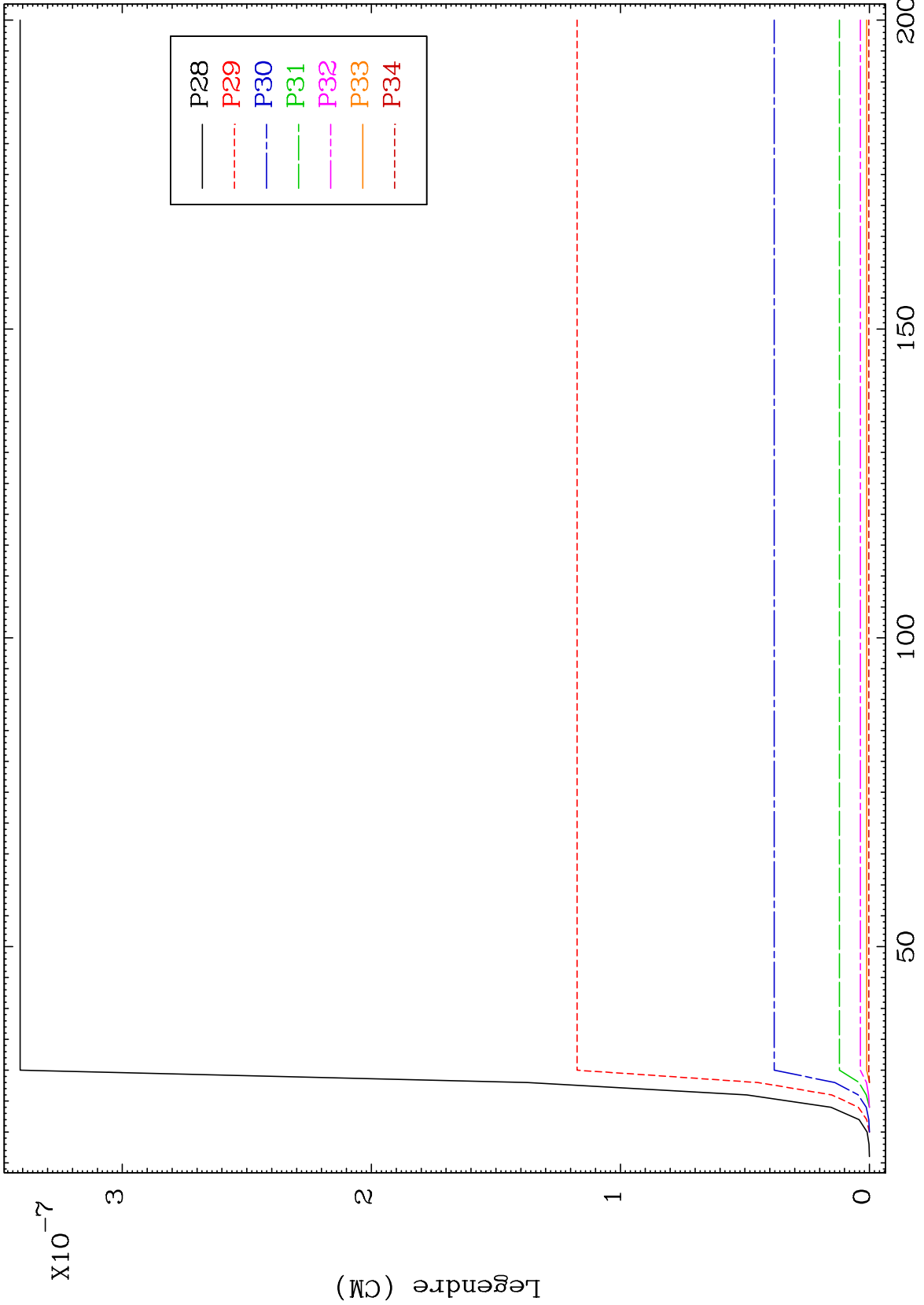
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



35

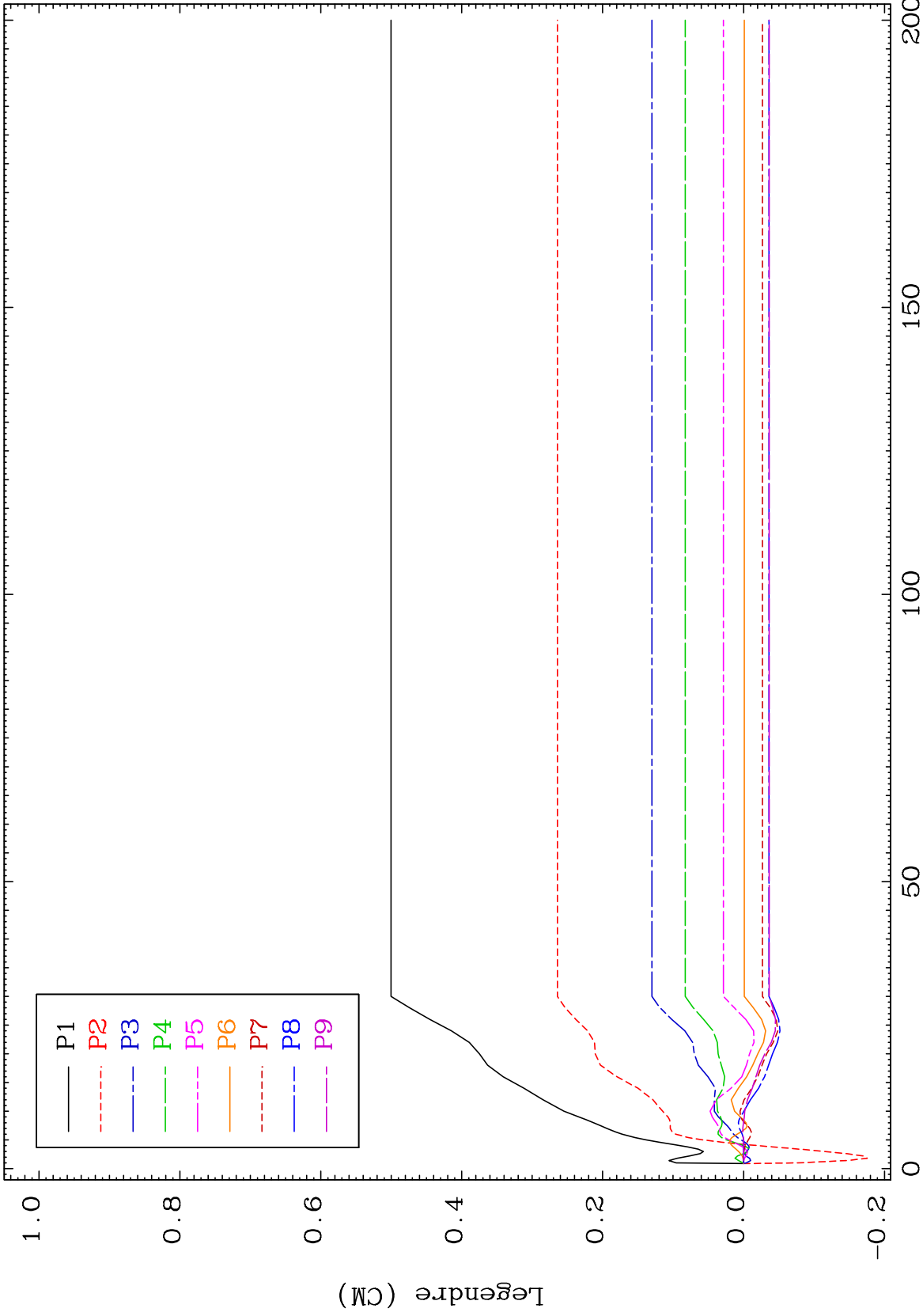
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



36

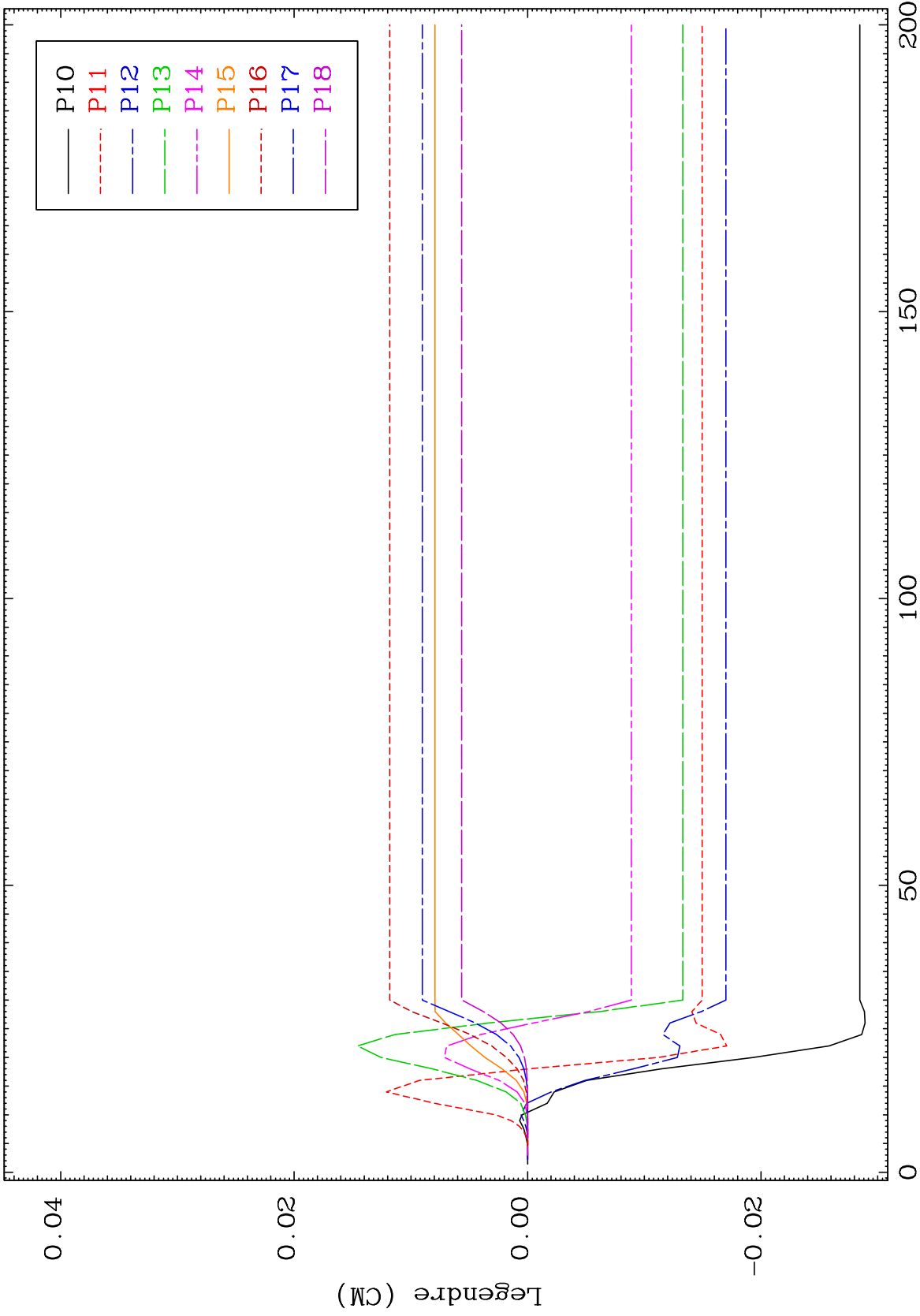
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89

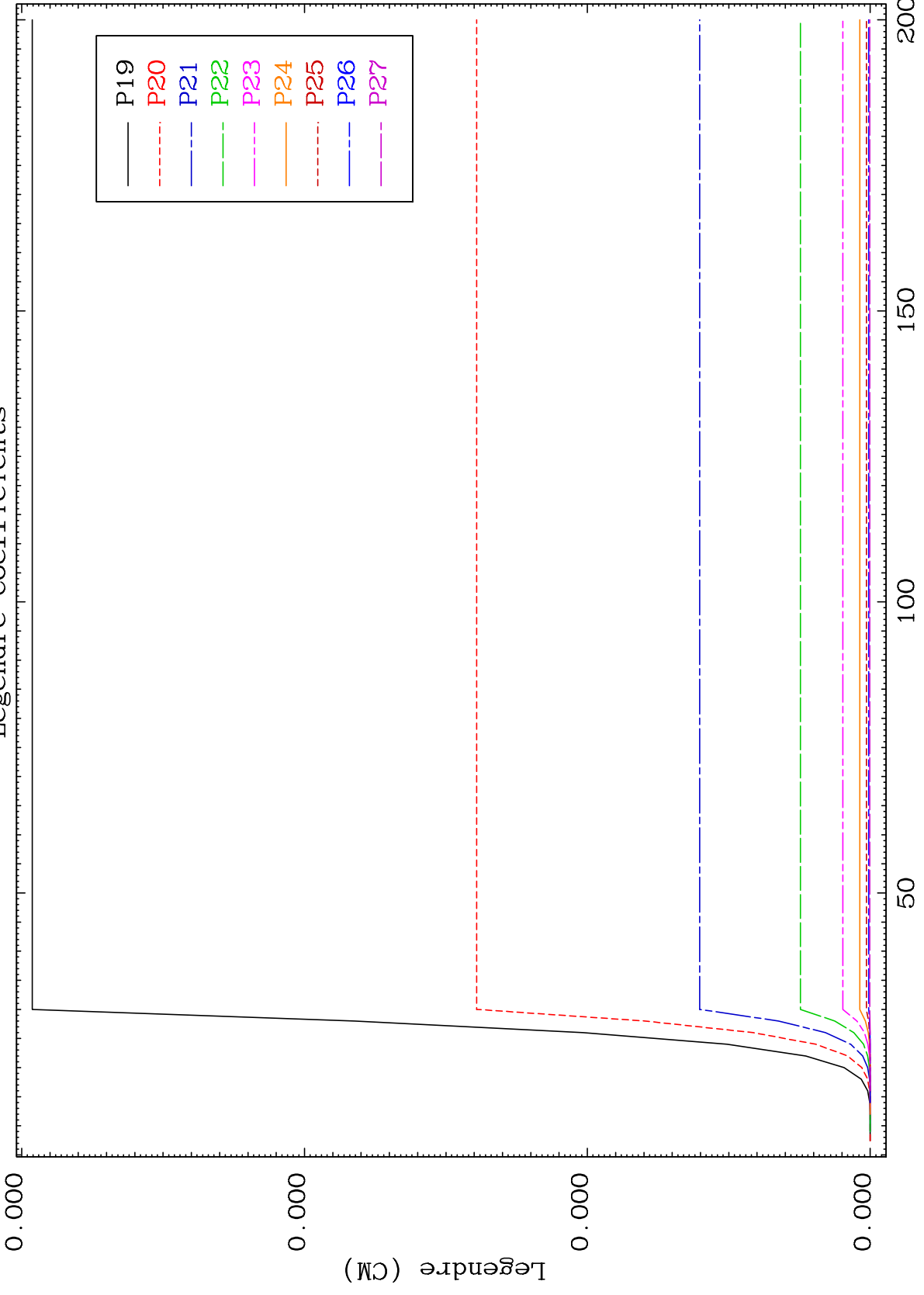


37

Incident Energy (MeV)

37-Rb-89

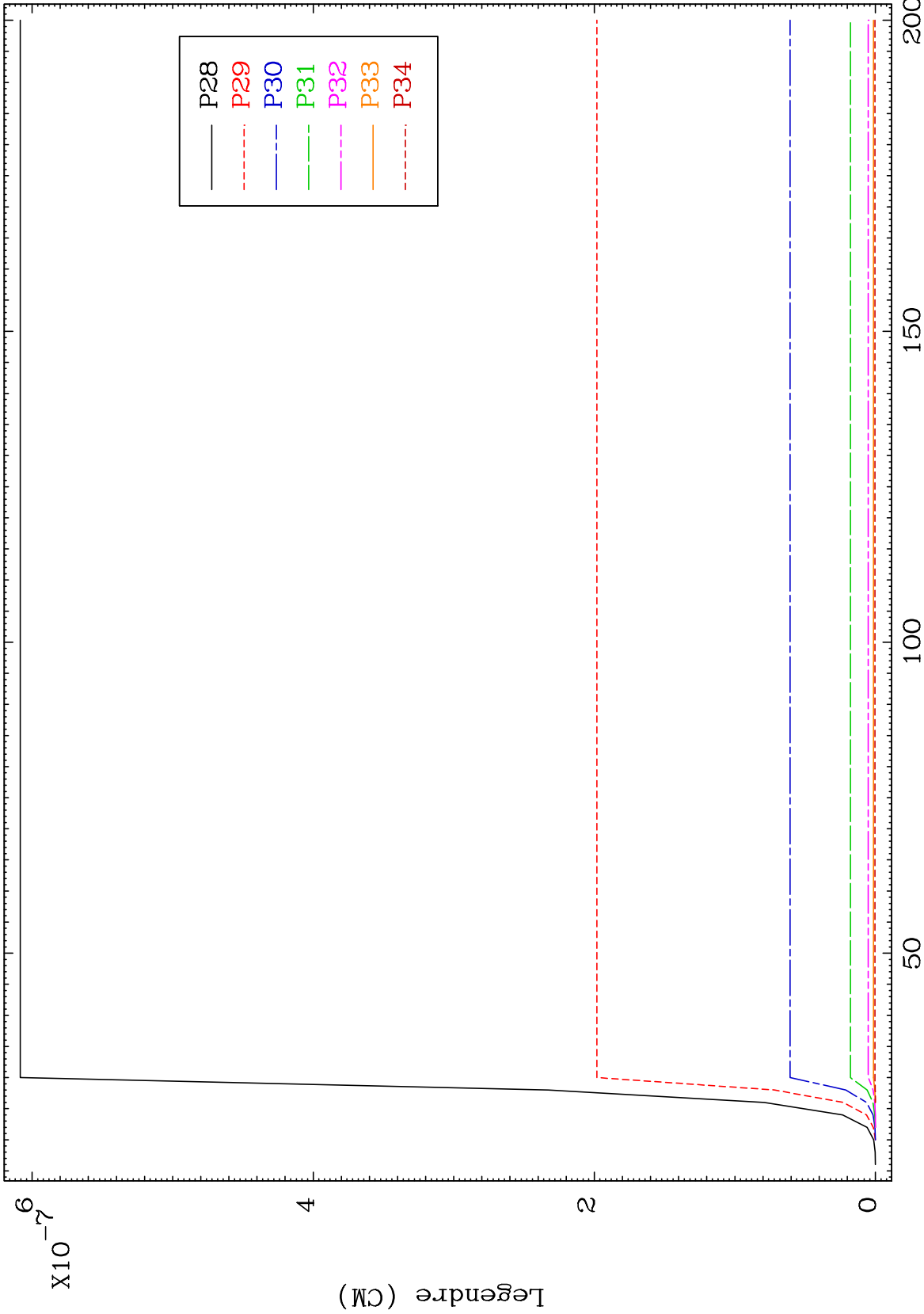
MAT 3737  
MT= 55 (n,n') Level  
Legendre Coefficients



MAT 3737

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

37-Rb-89



39

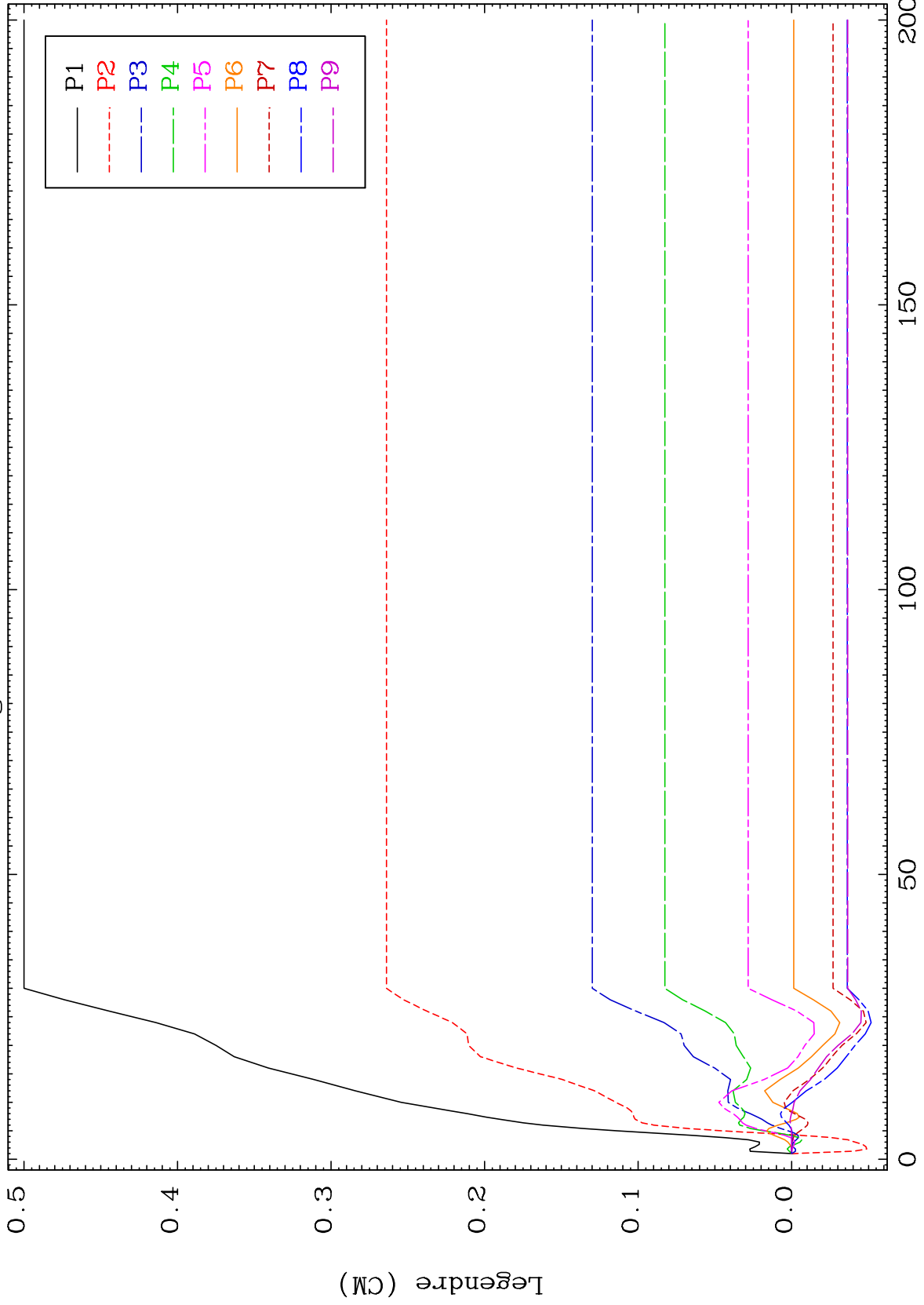
37-Rb-89



MAT 3737

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

37-Rb-89



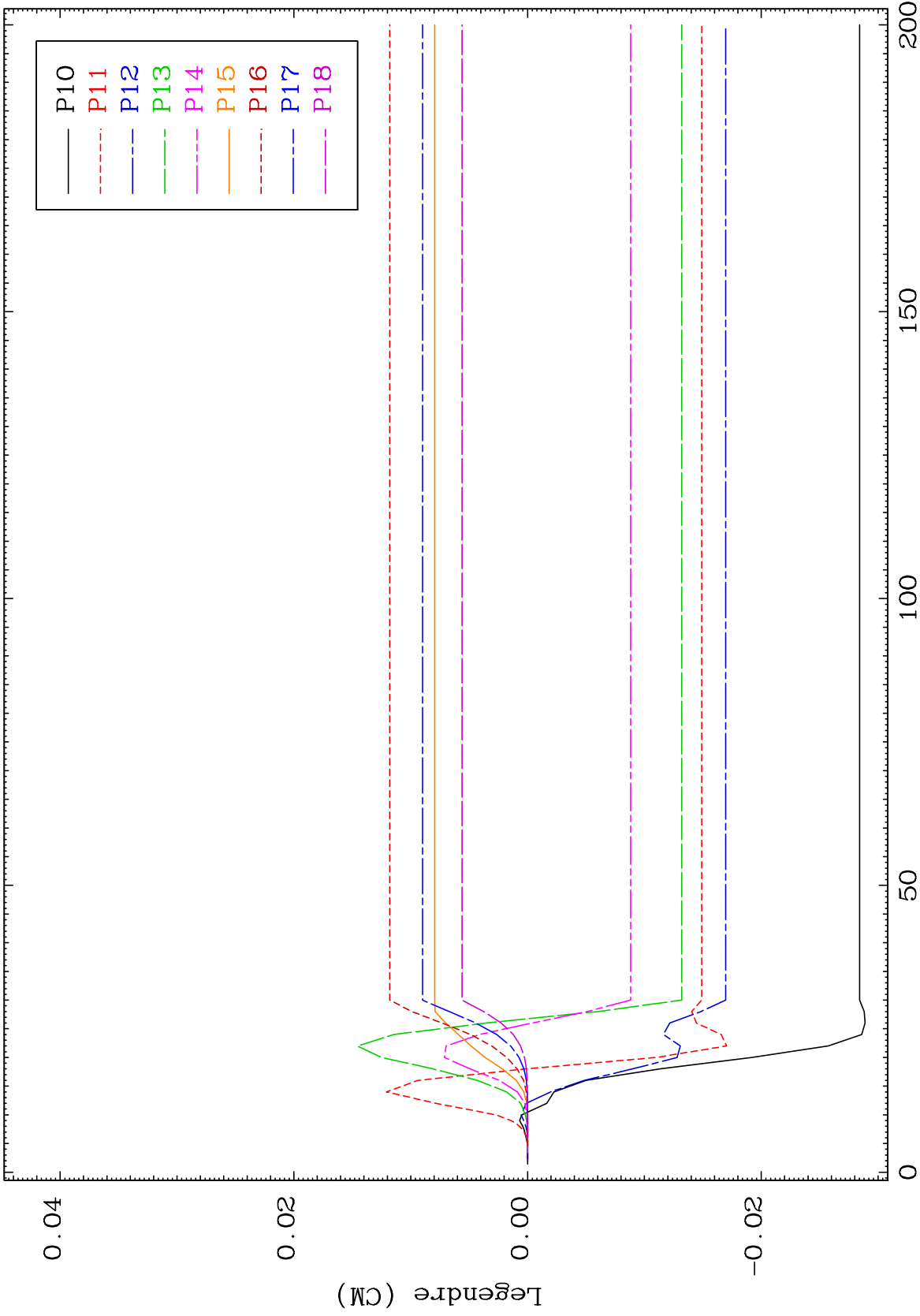
37-Rb-89

Incident Energy (MeV)

MAT 3737

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

37-Rb-89



41

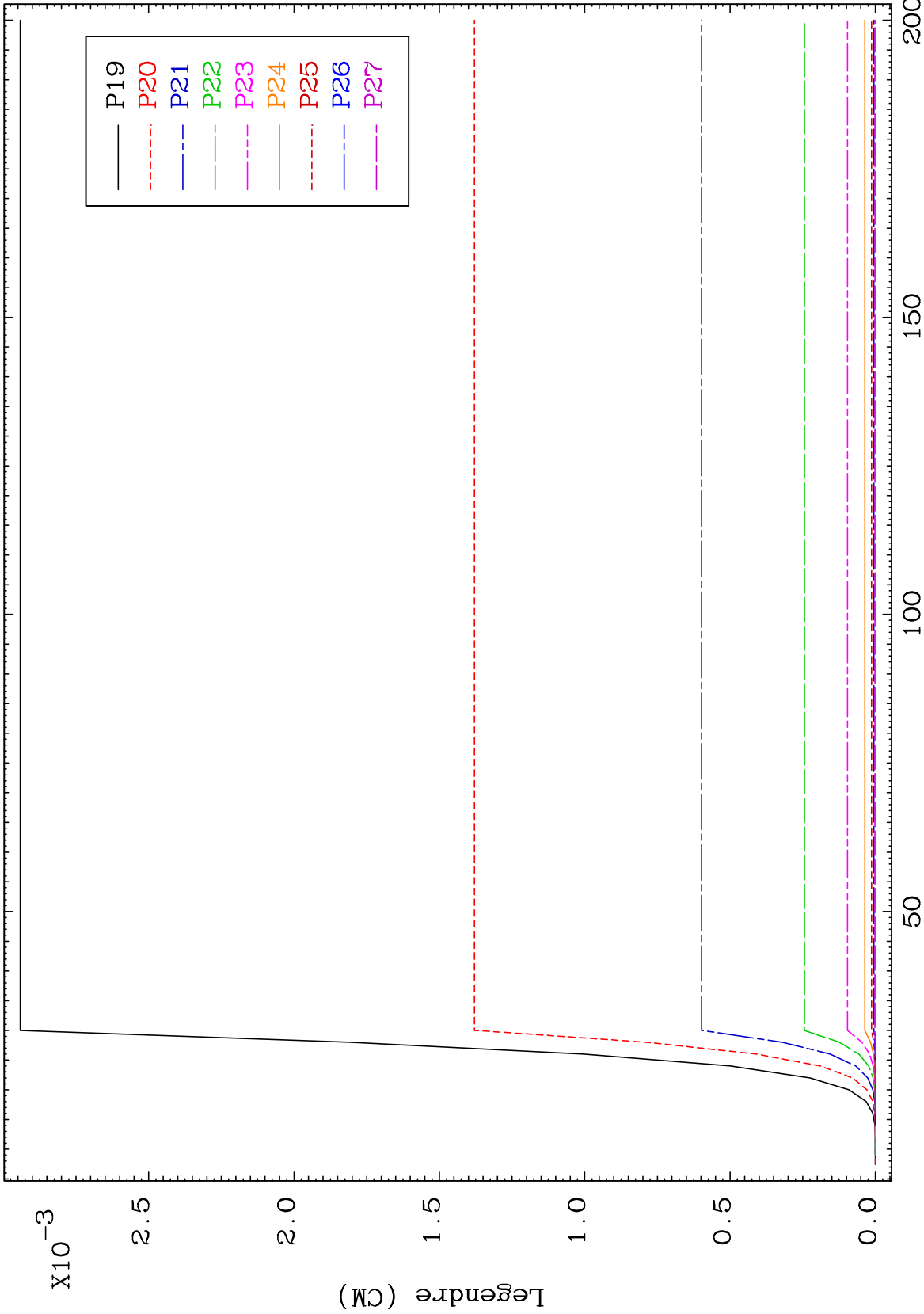
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



42

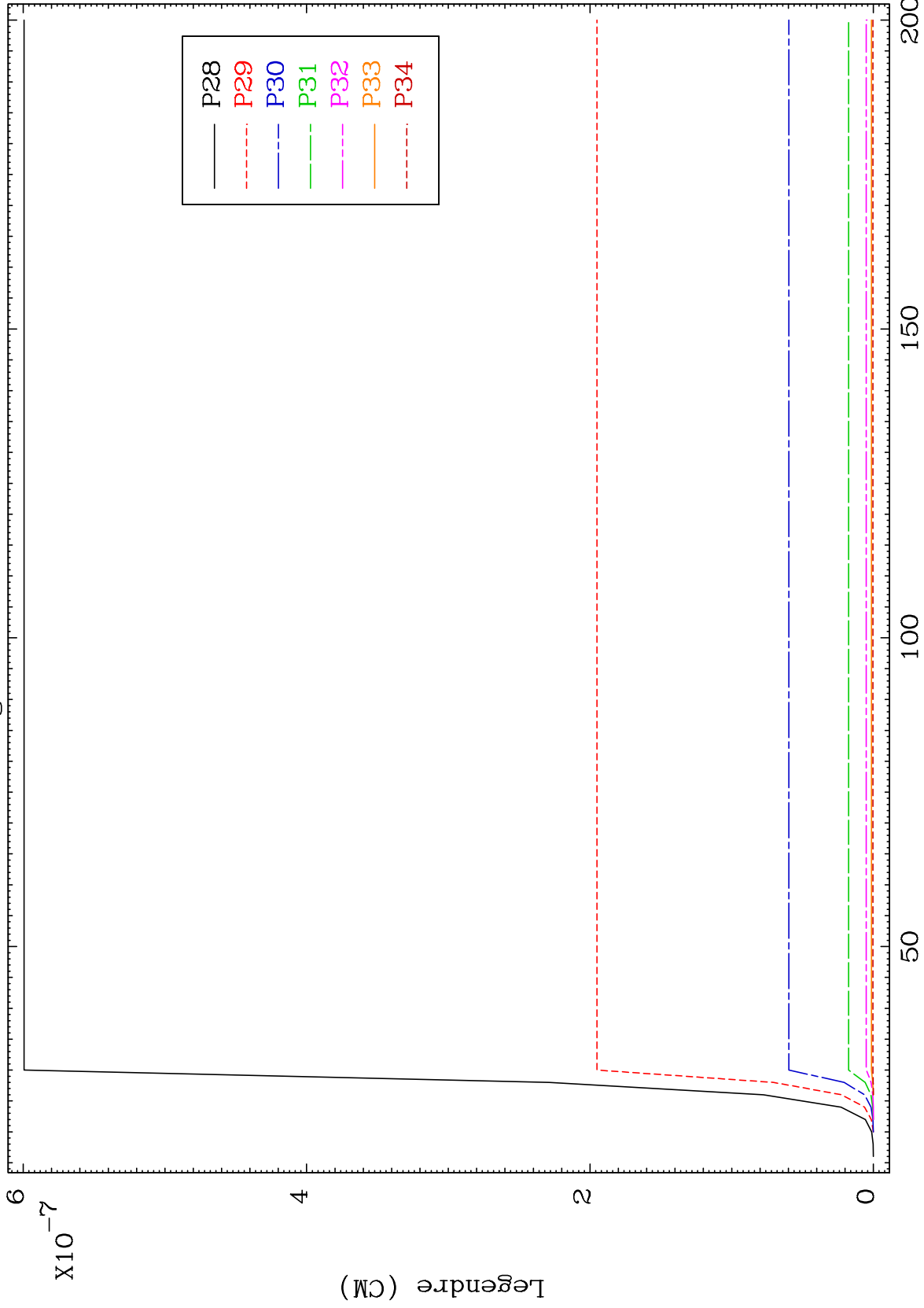
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



43

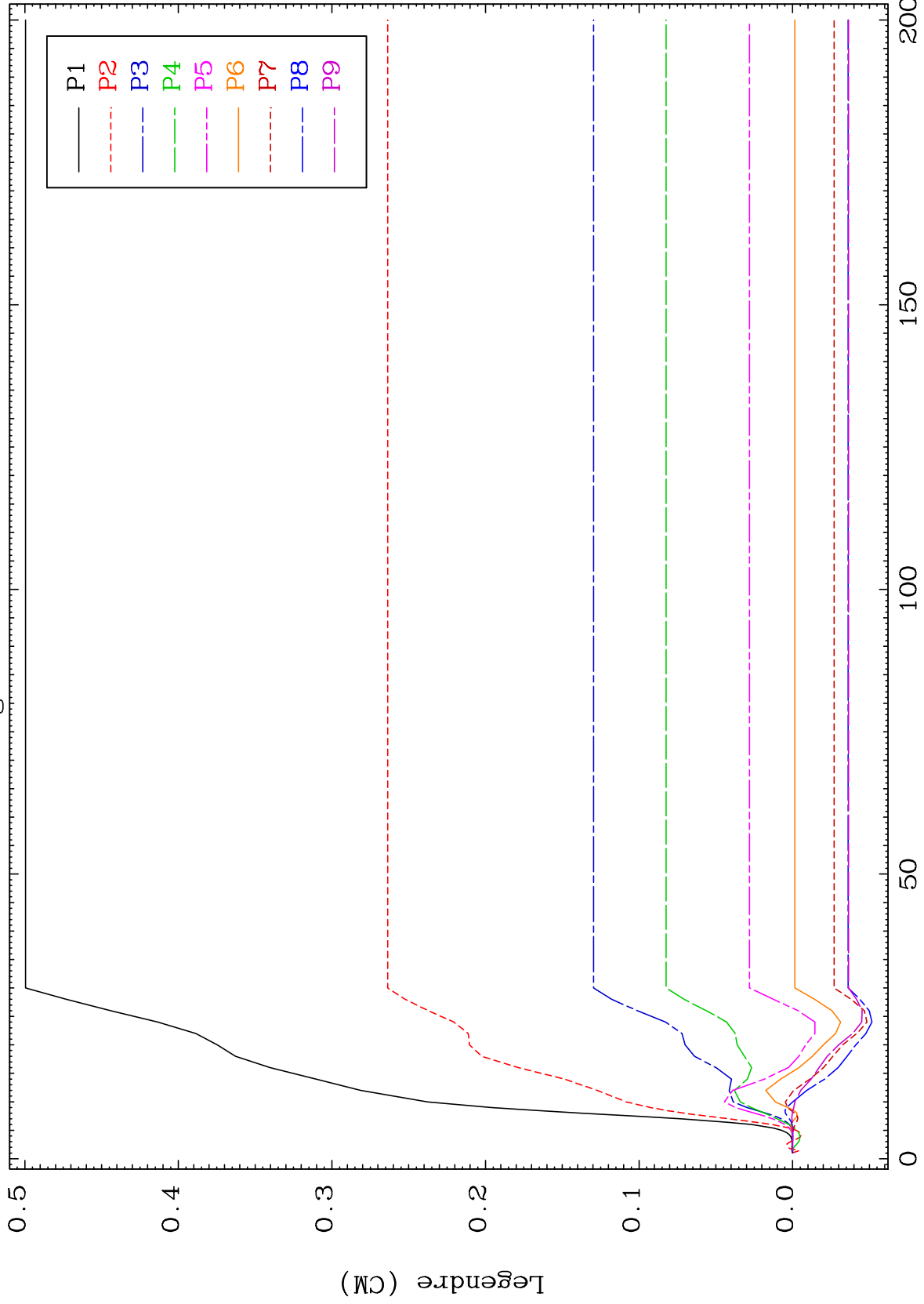
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



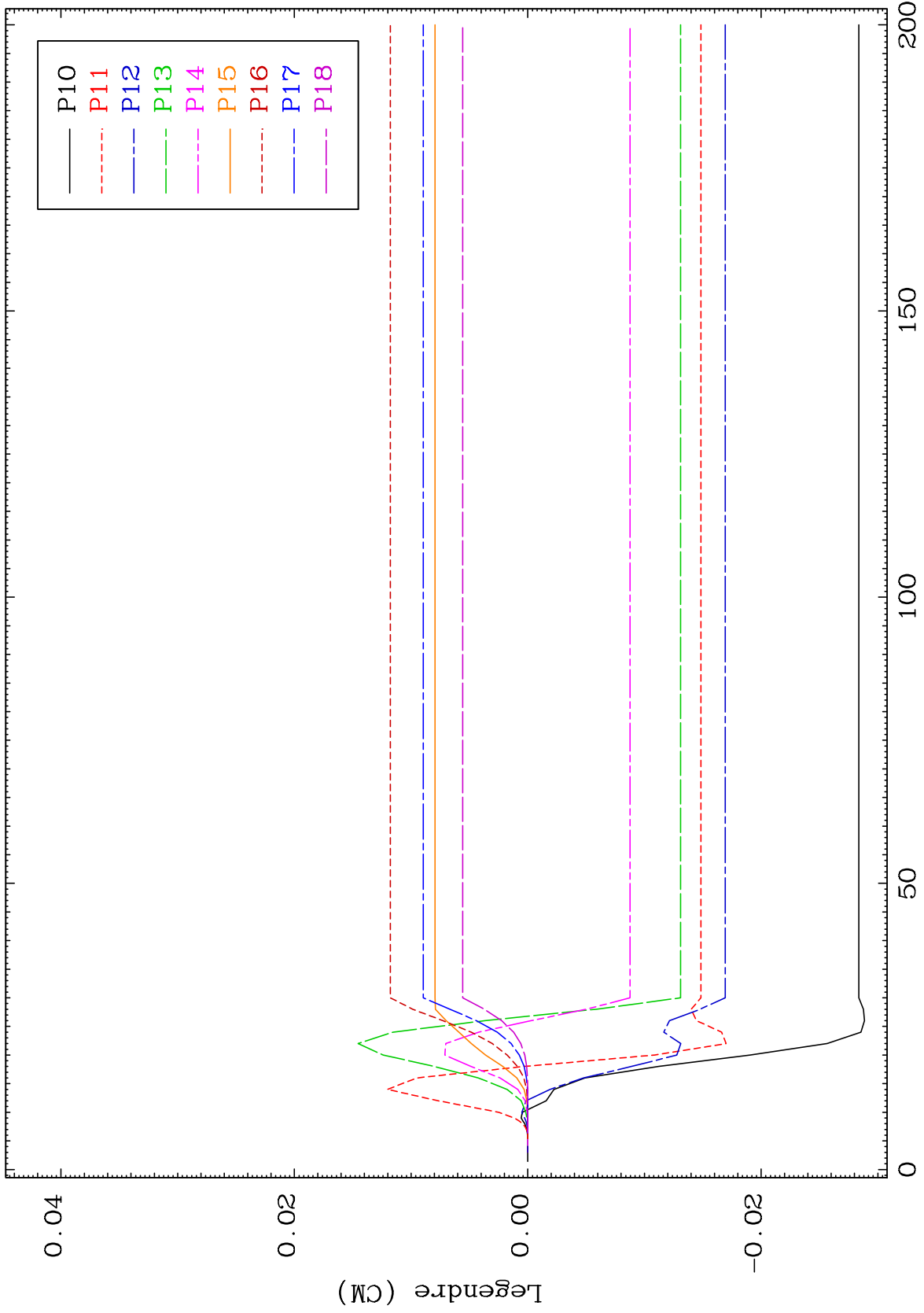
44

37-Rb-89

MAT 3737

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

37-Rb-89



45

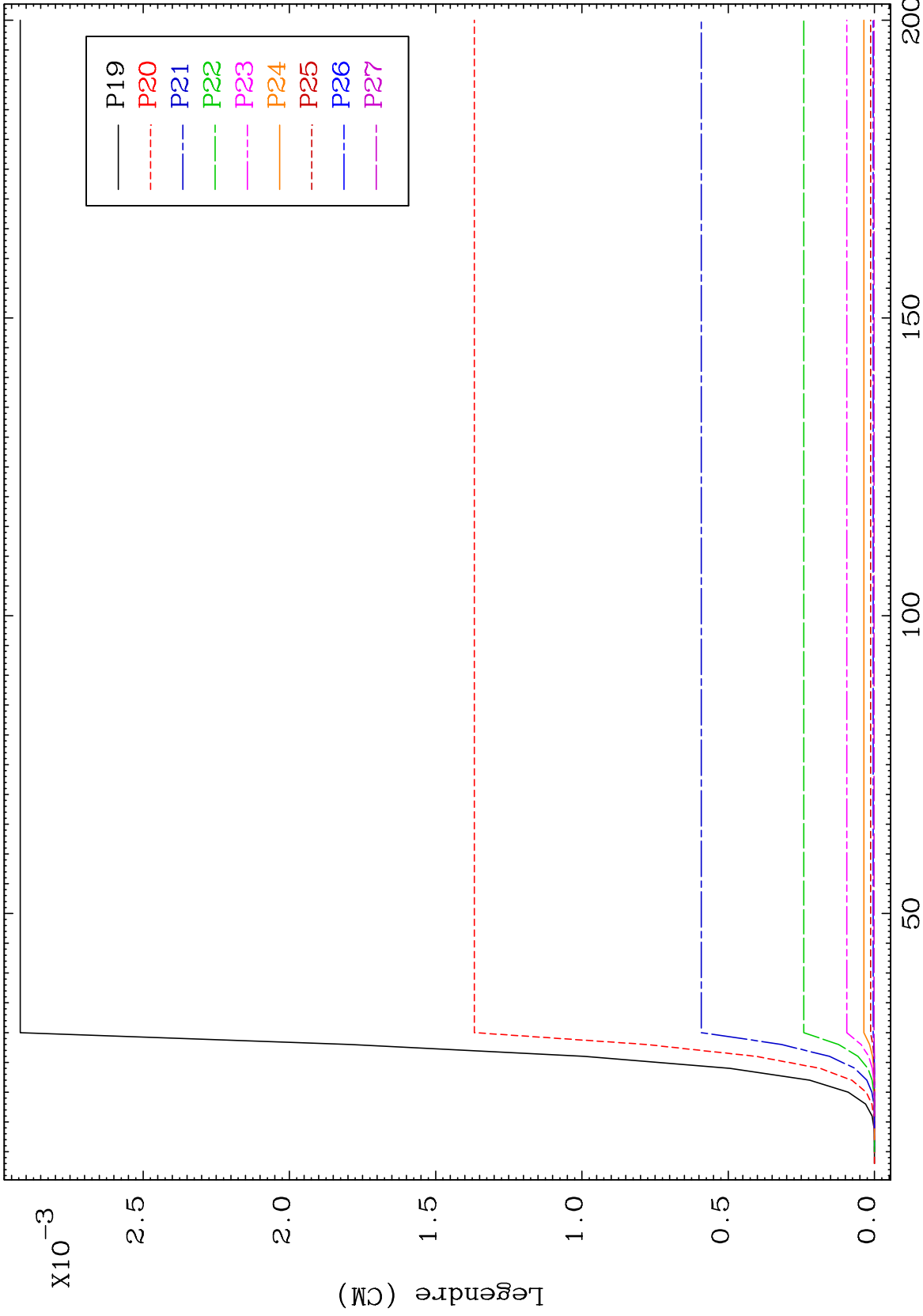
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



46

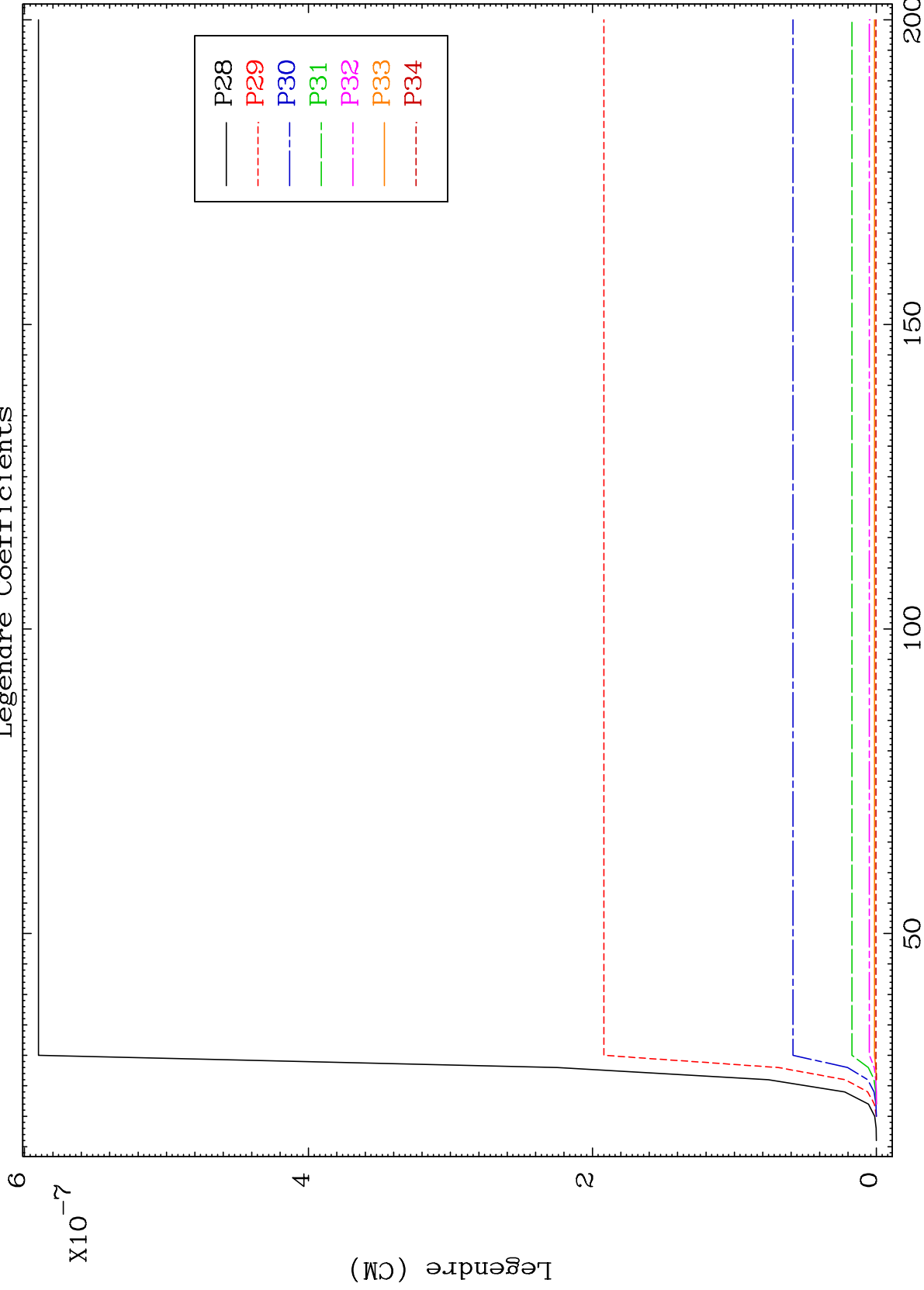
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



47

Incident Energy (MeV)

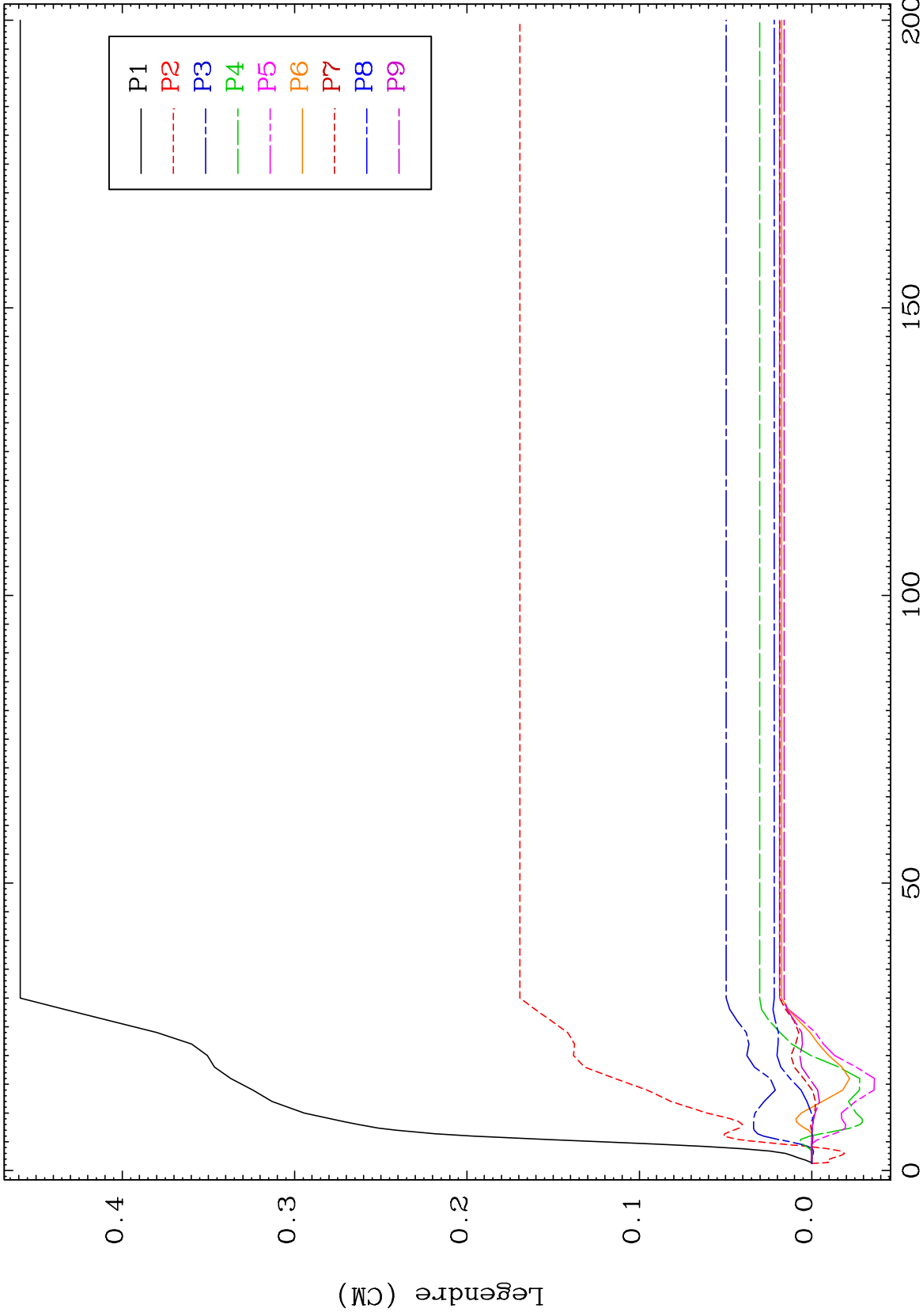
37-Rb-89



MAT 3737

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

37-Rb-89



48

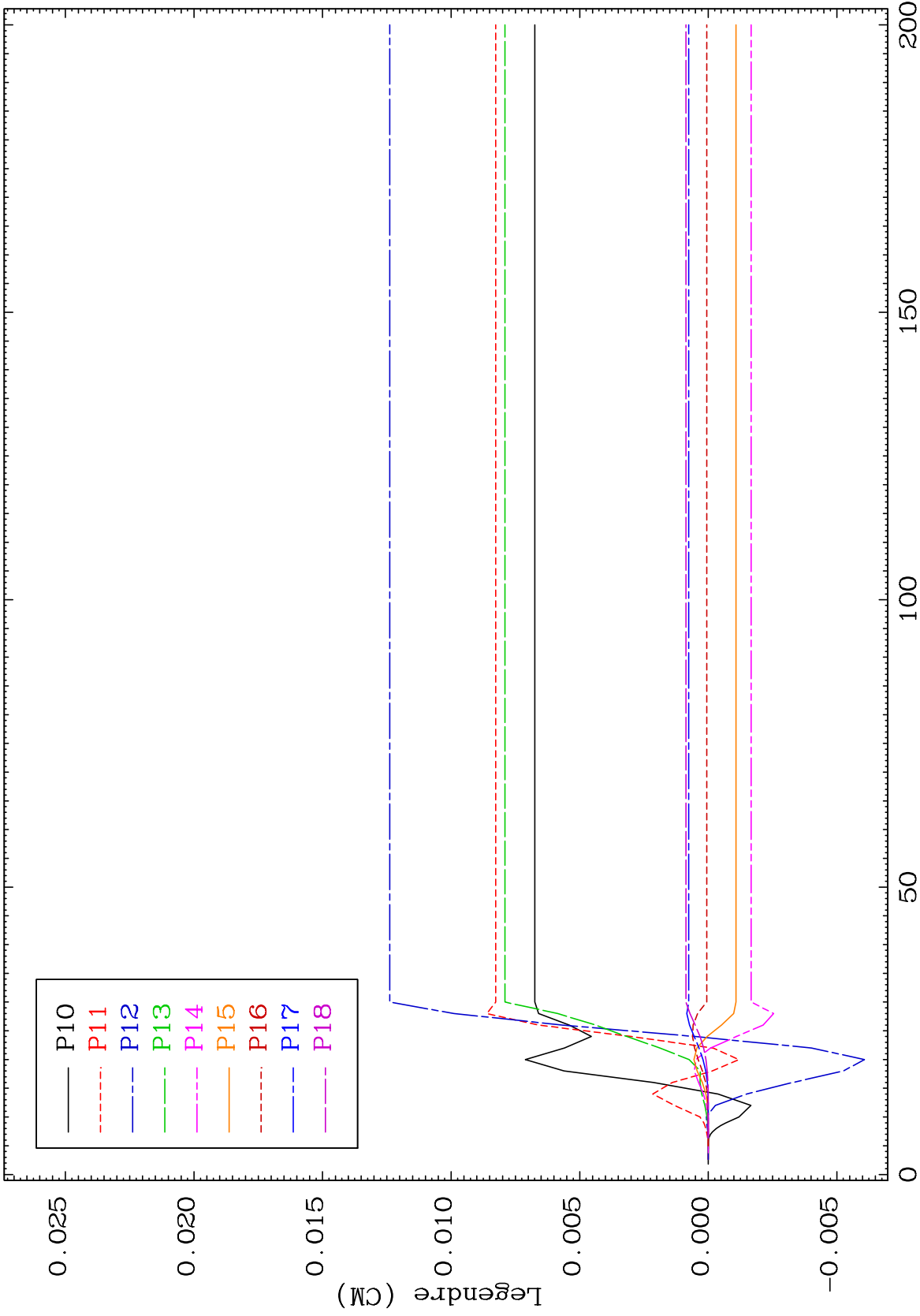
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



49

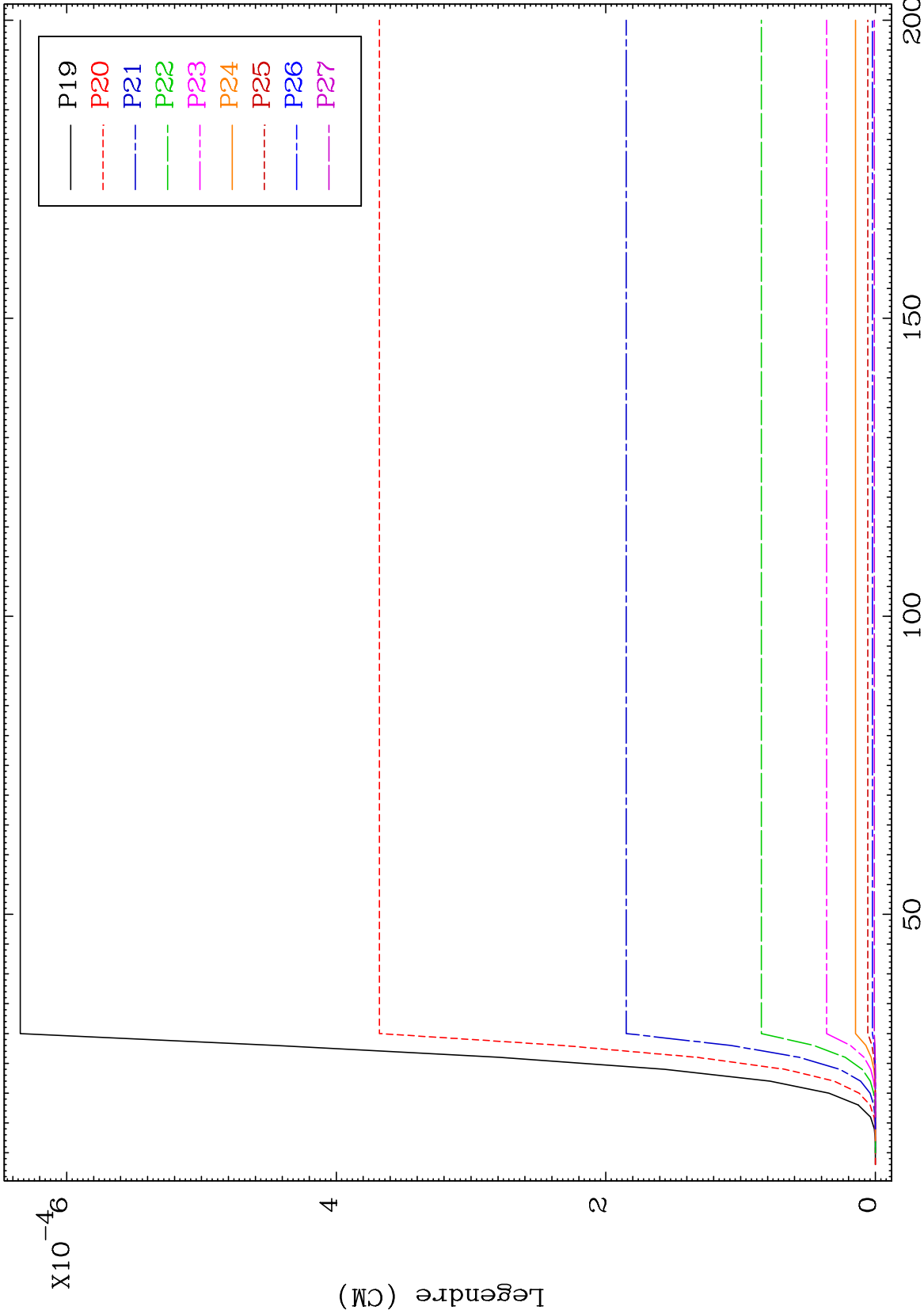
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



50

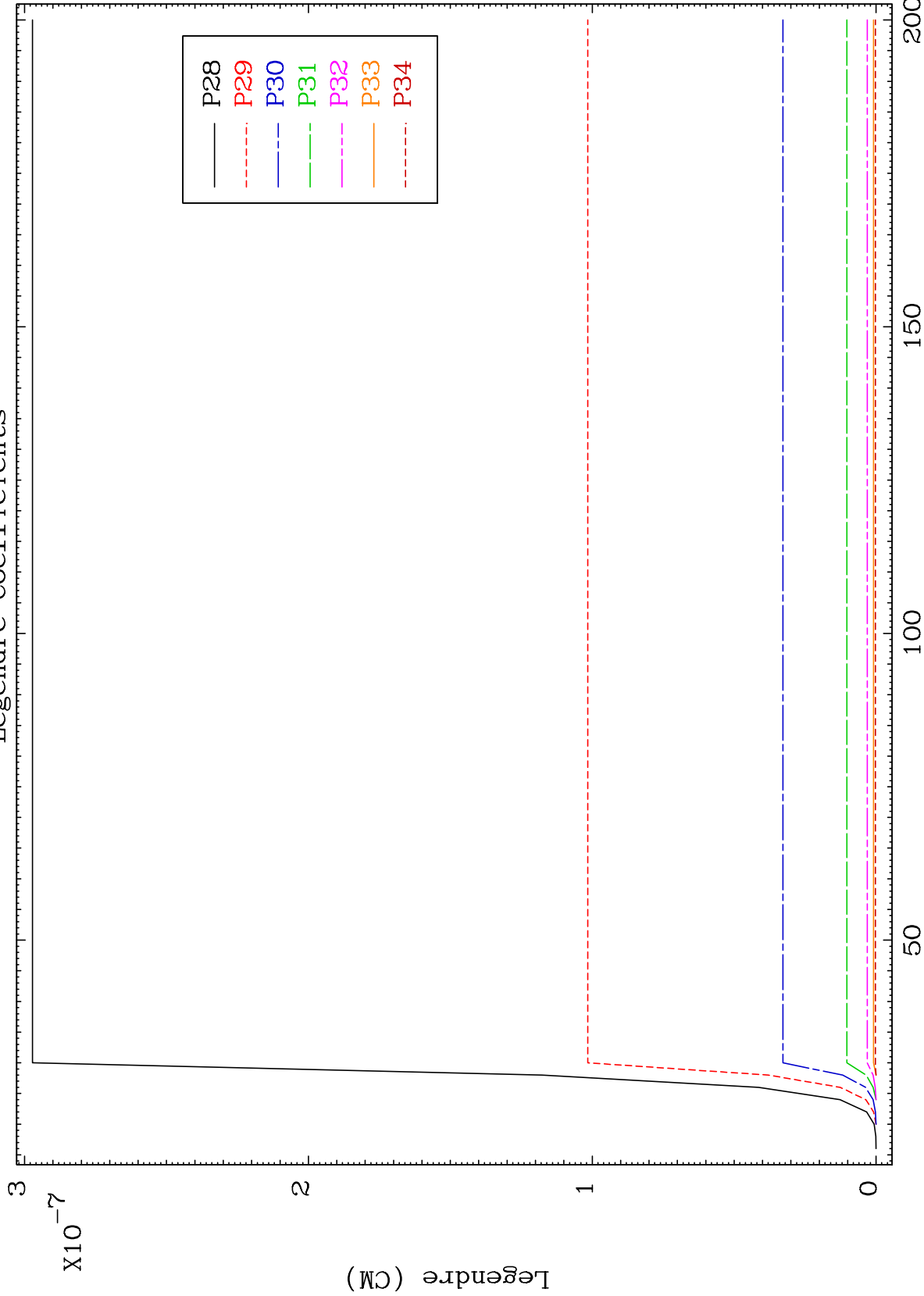
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



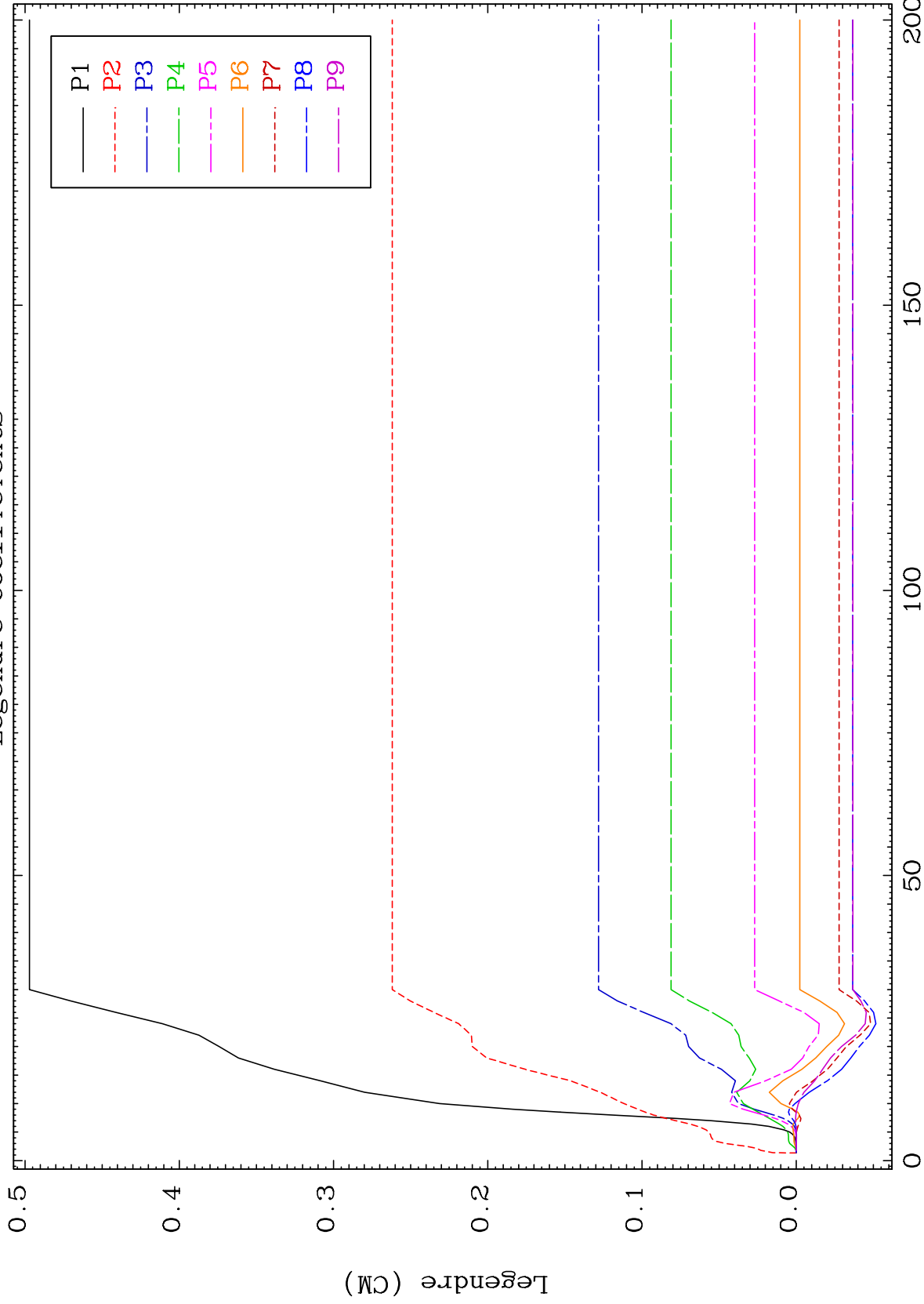
51

37-Rb-89

MAT 3737

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

37-Rb-89



52

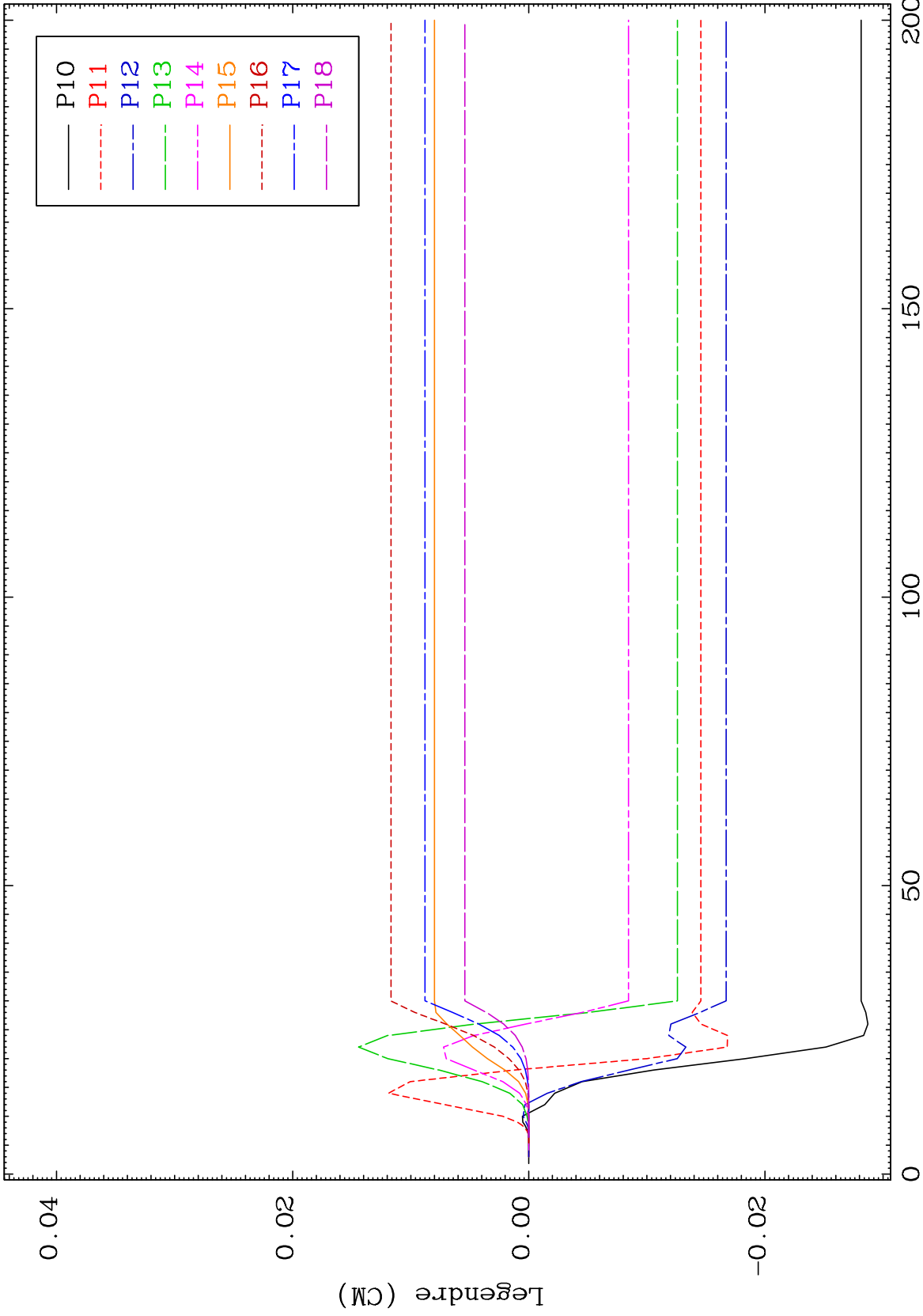
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



53

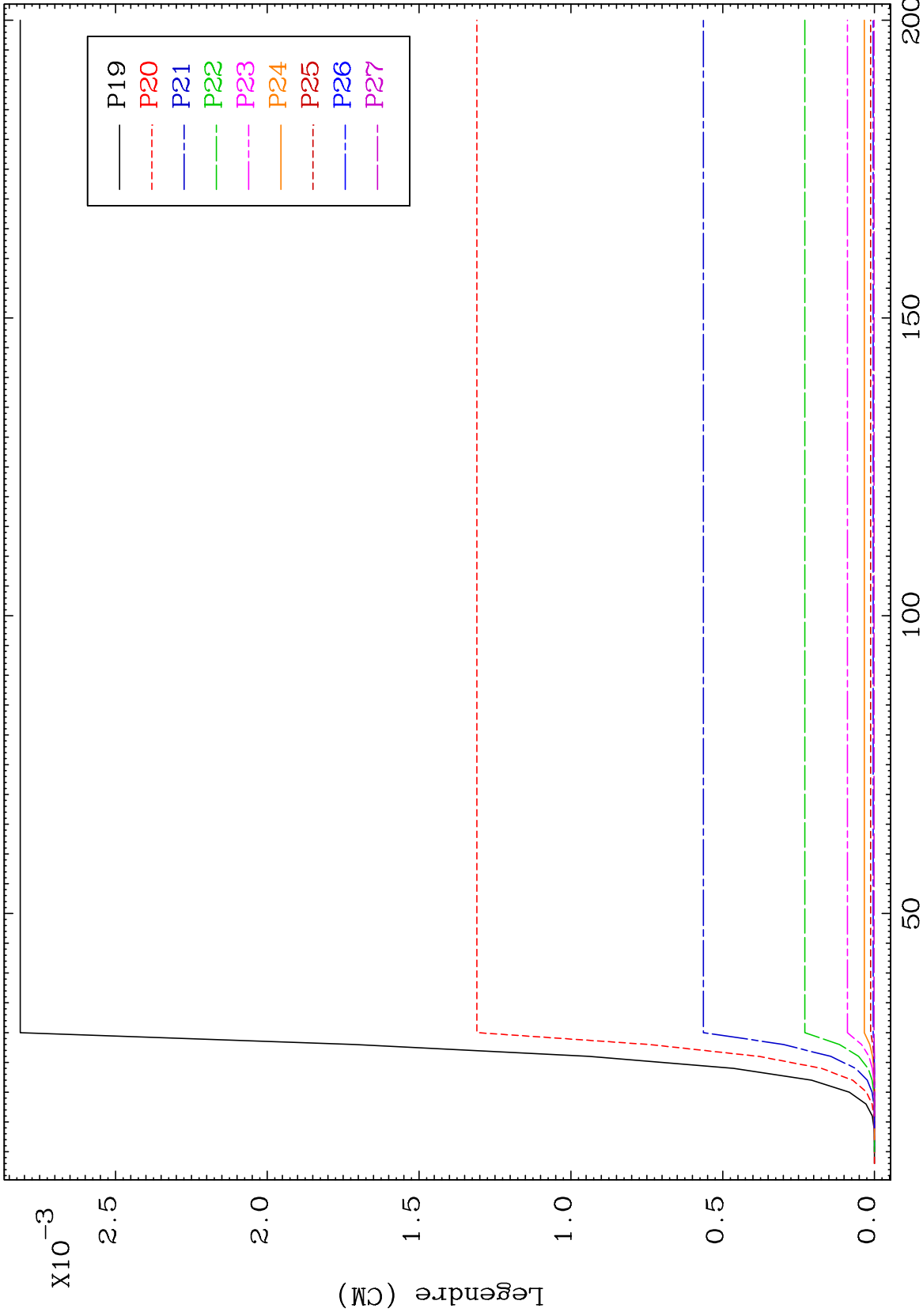
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



54

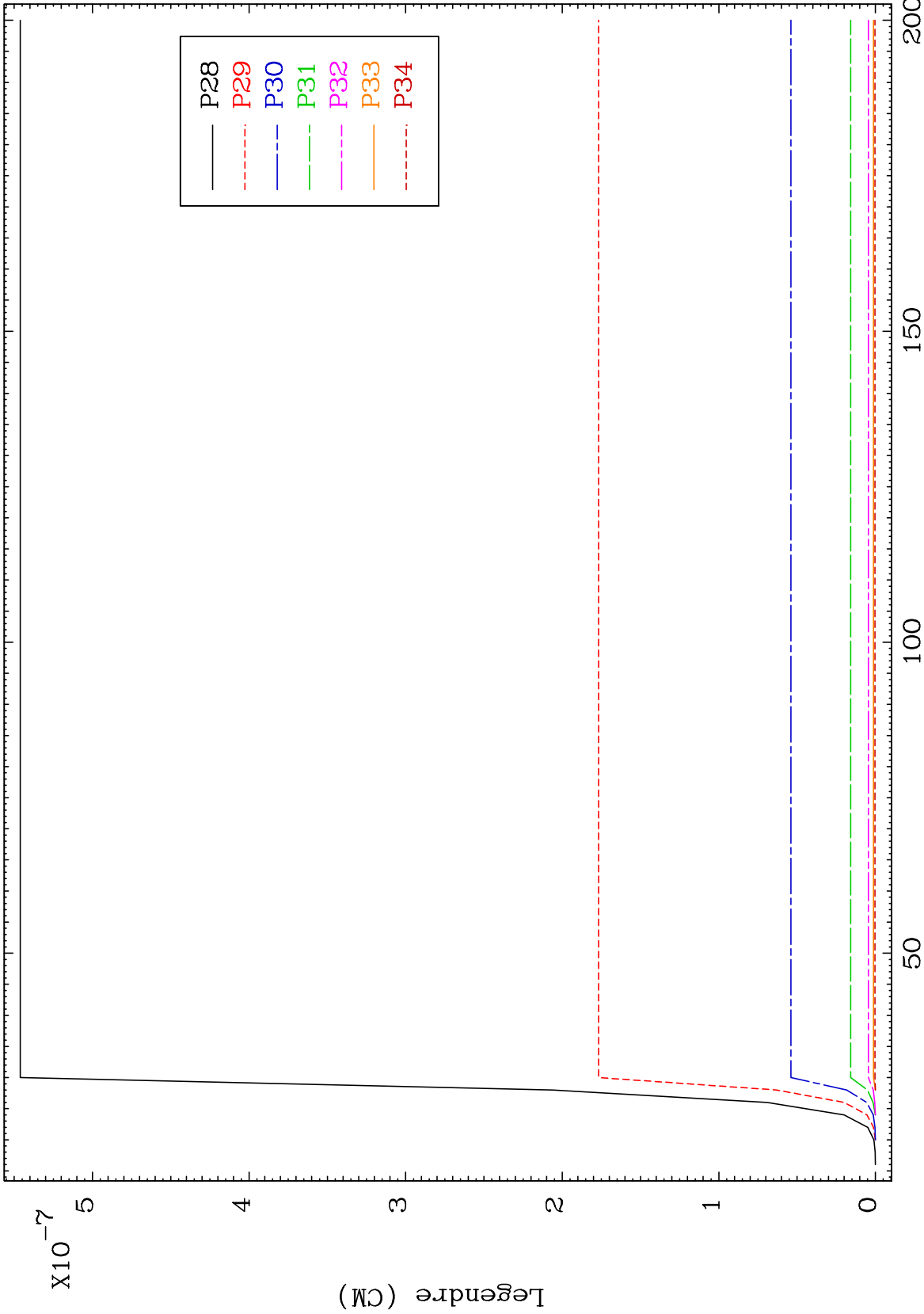
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



55

Incident Energy (MeV)

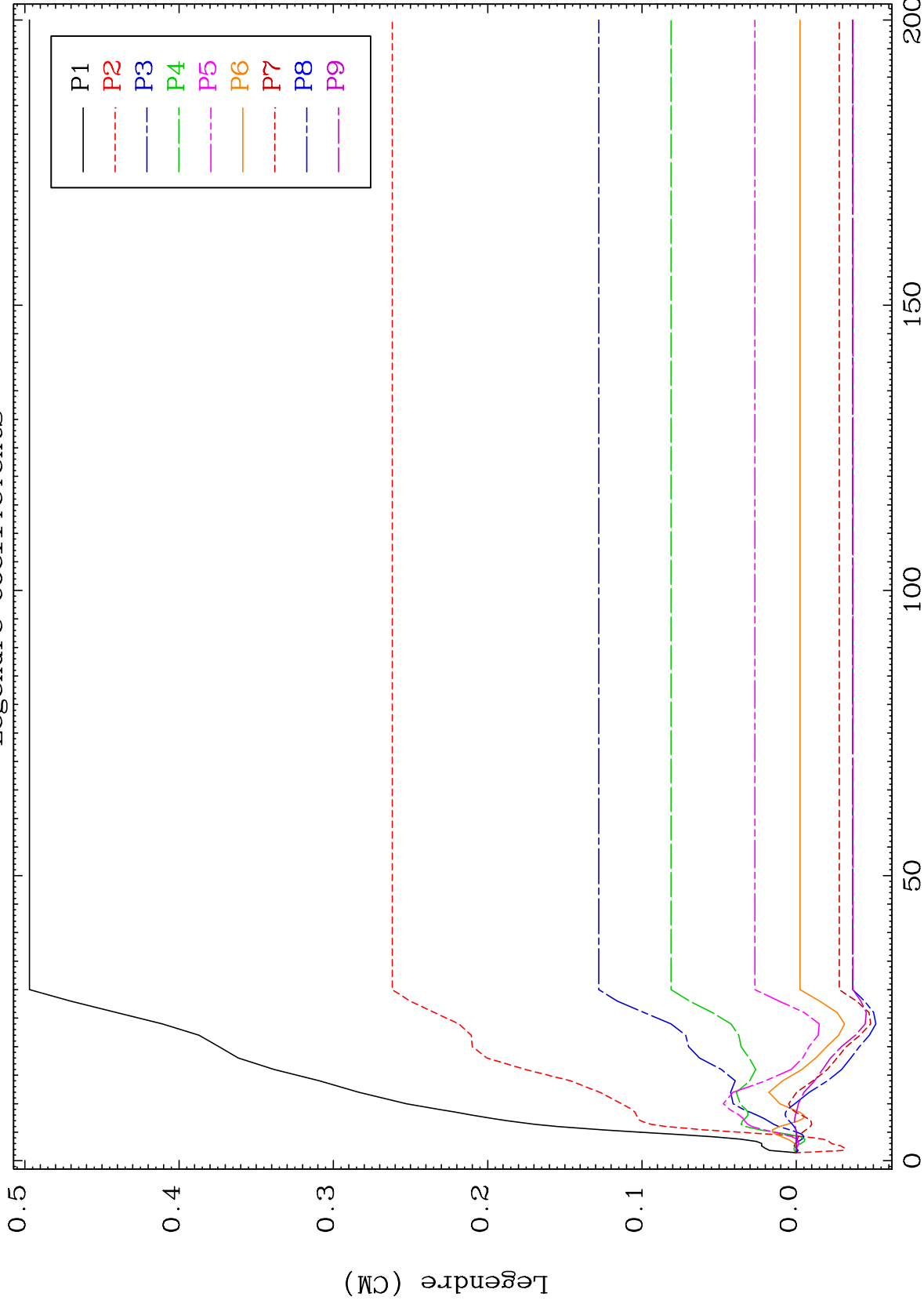
37-Rb-89



MAT 3737

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

37-Rb-89



56

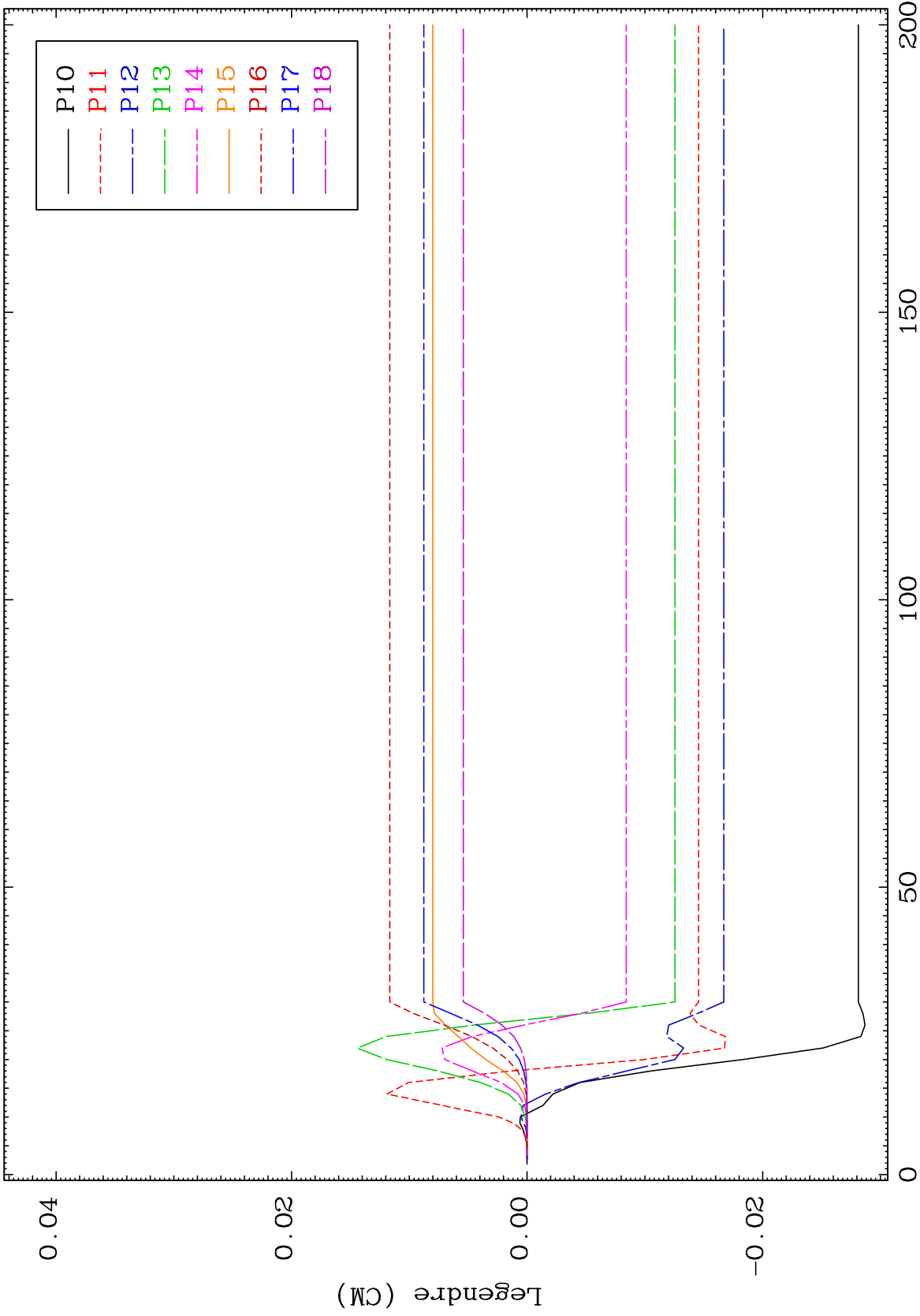
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



57

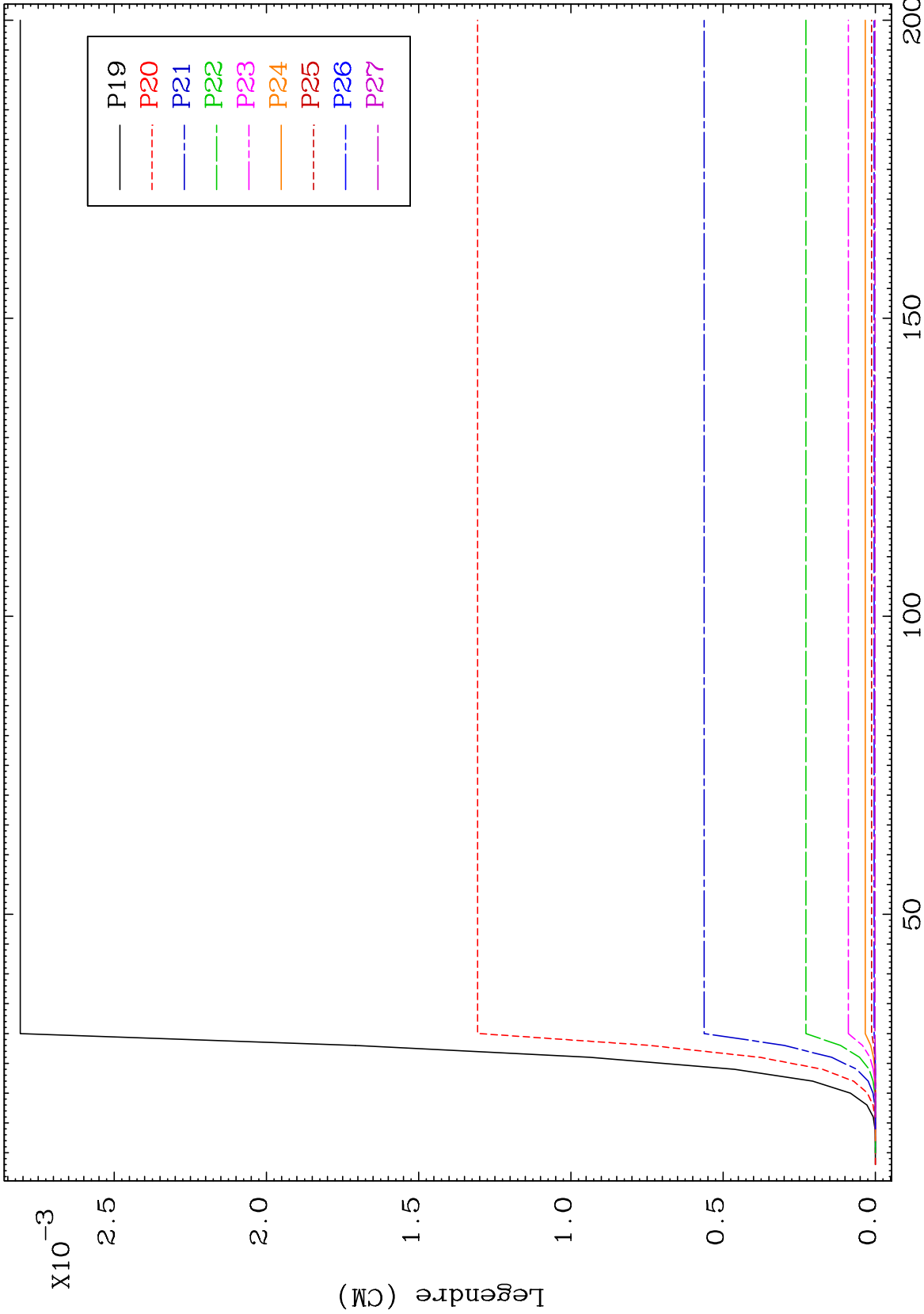
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



58

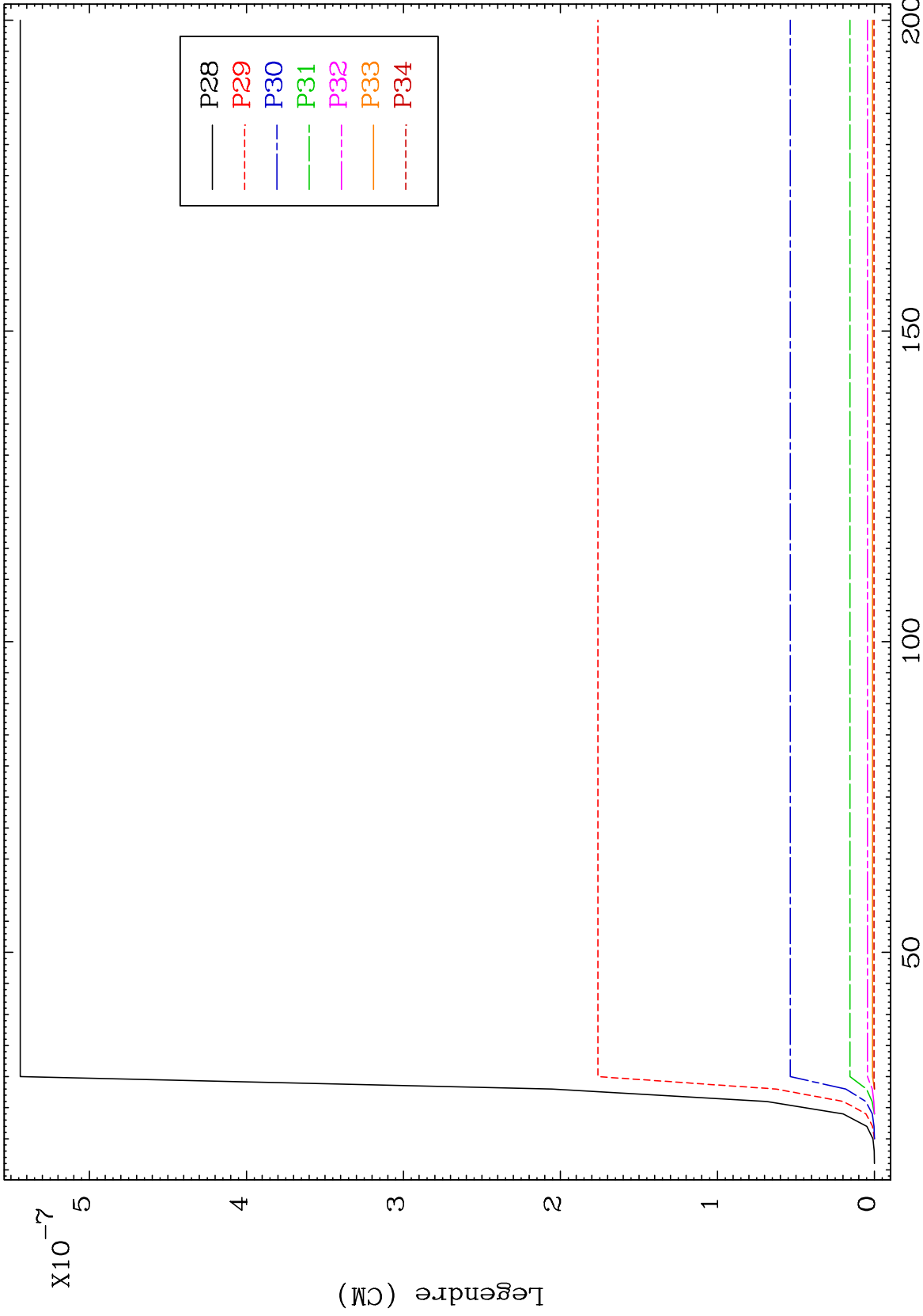
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



59

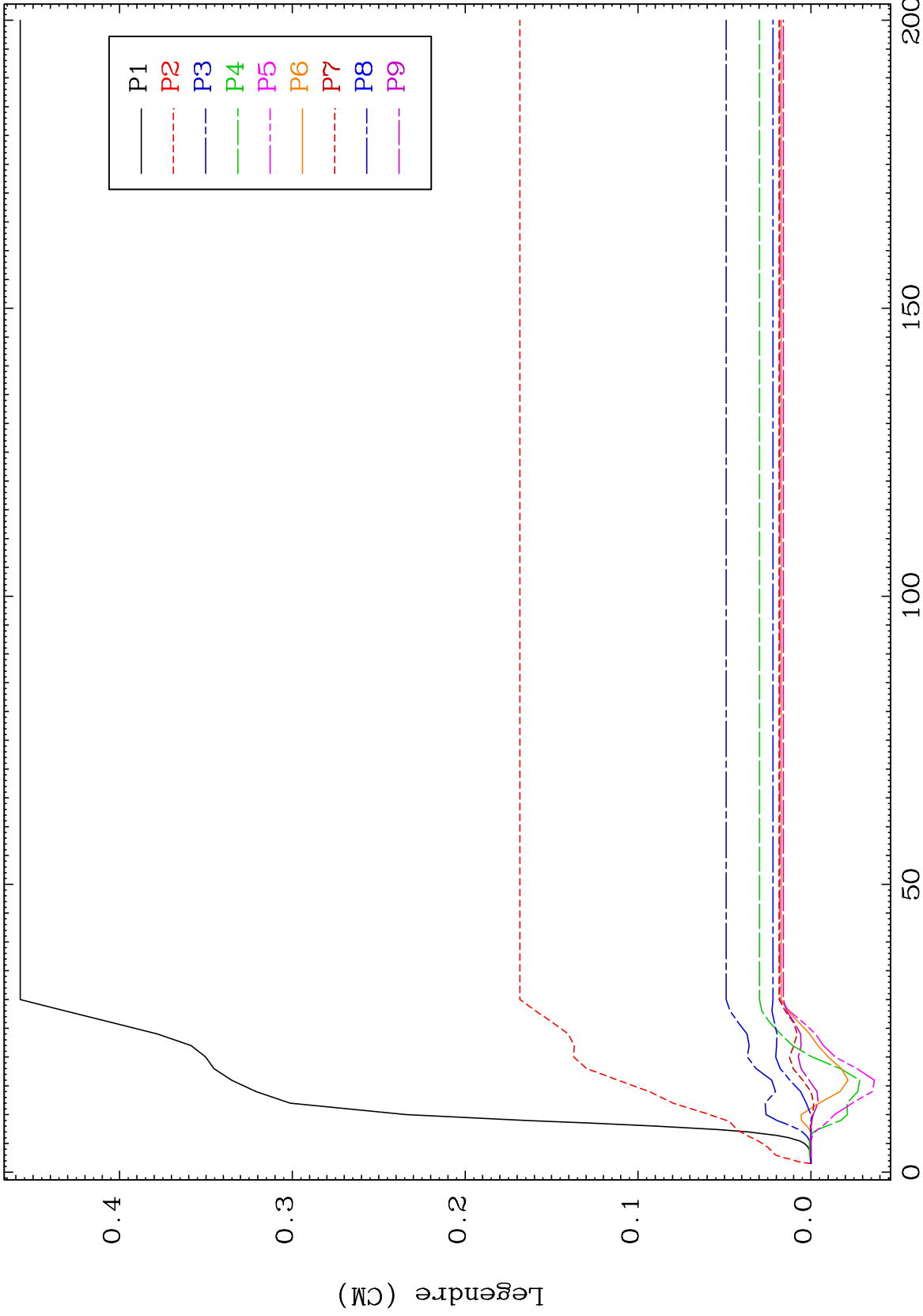
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



60

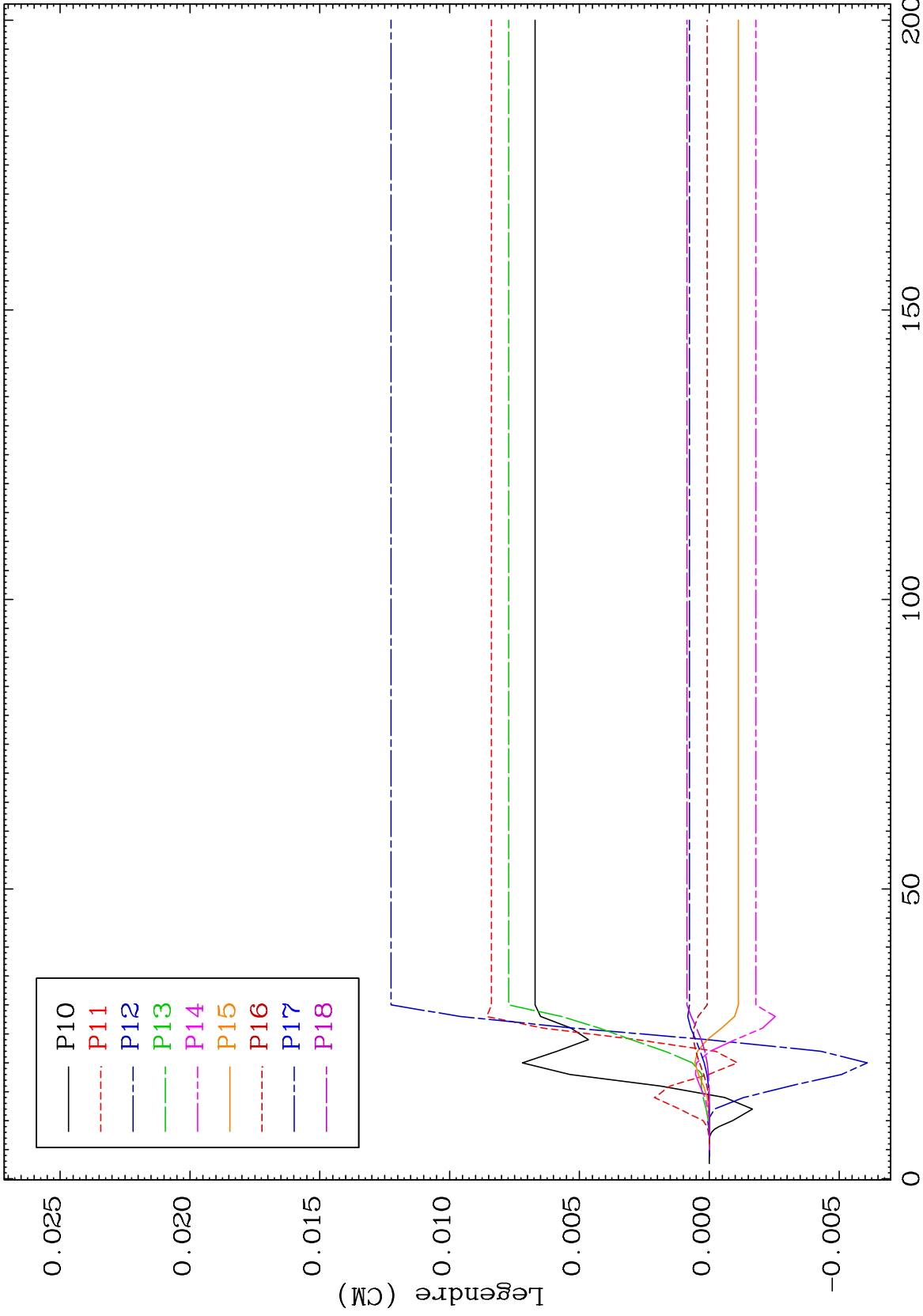
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



61

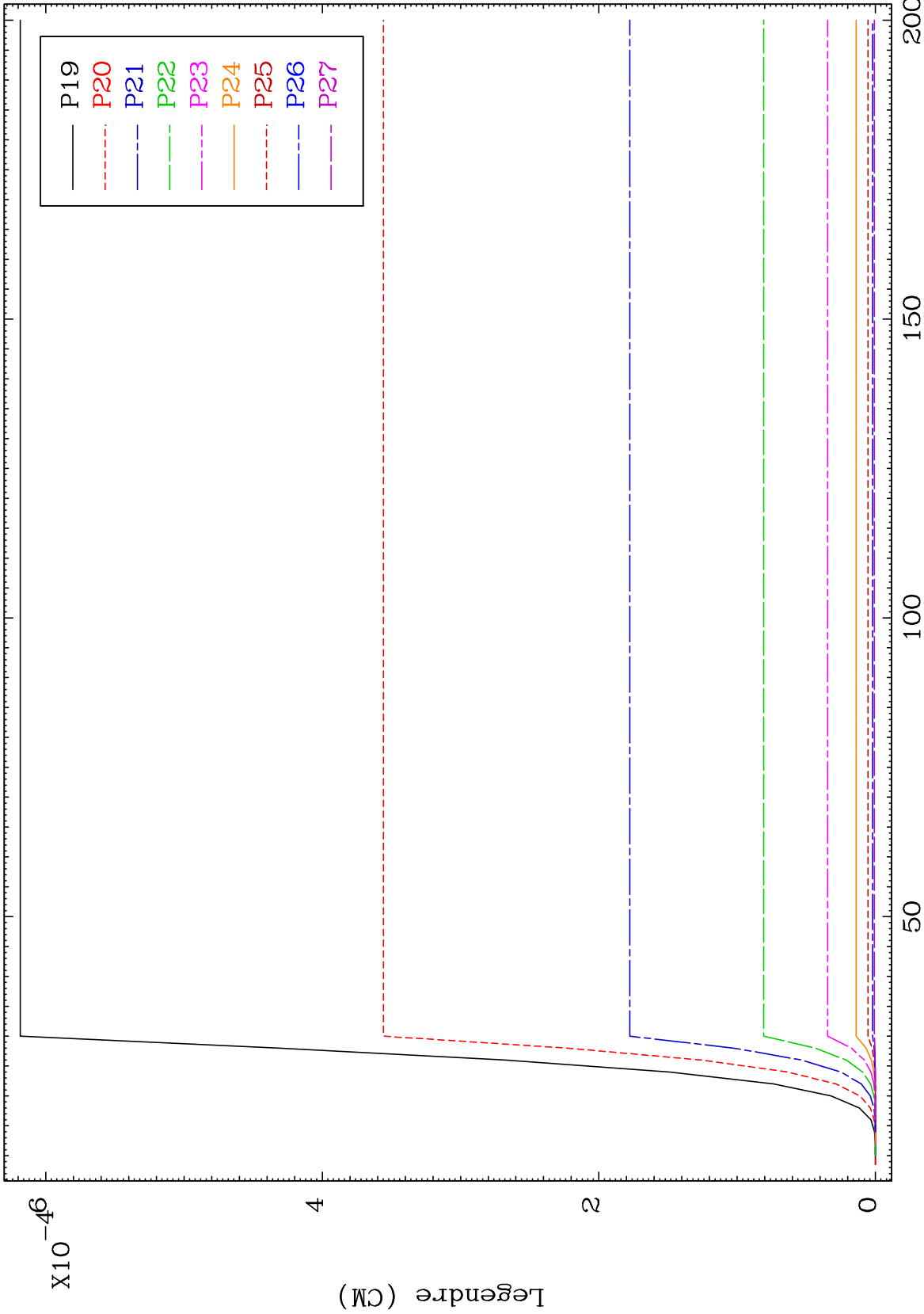
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



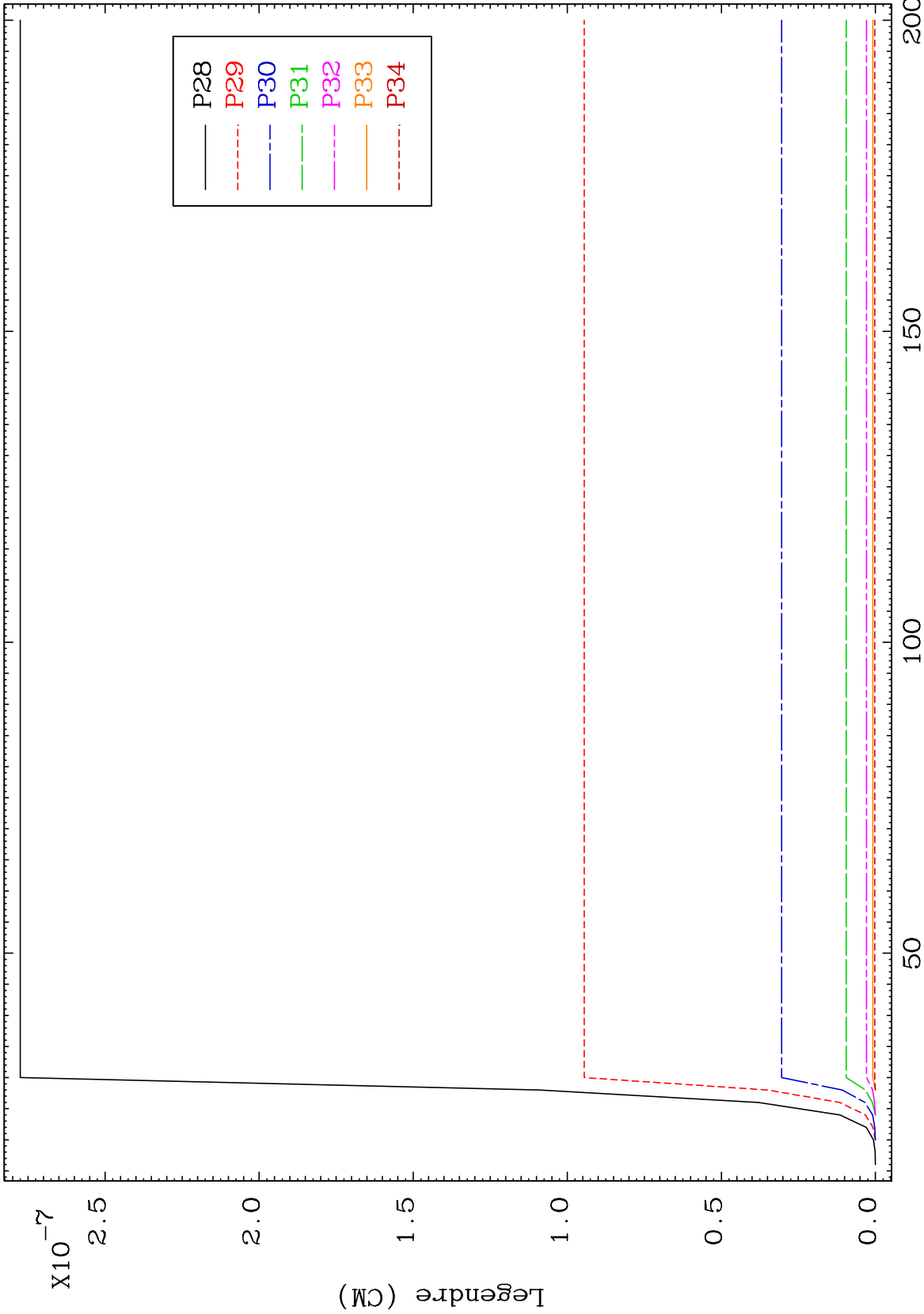
62

37-Rb-89

MAT 3737

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

37-Rb-89



63

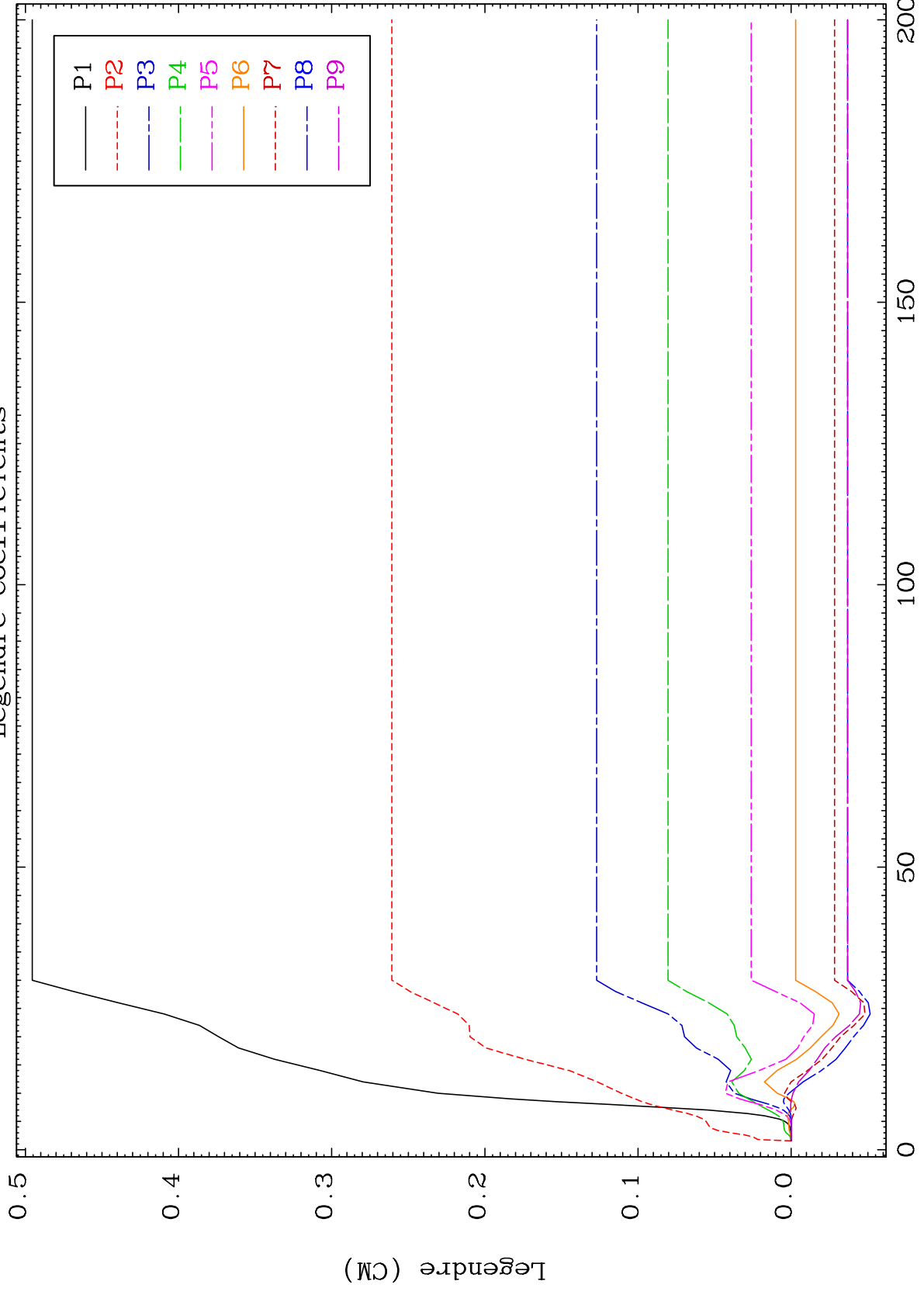
37-Rb-89



MAT 3737

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

37-Rb-89



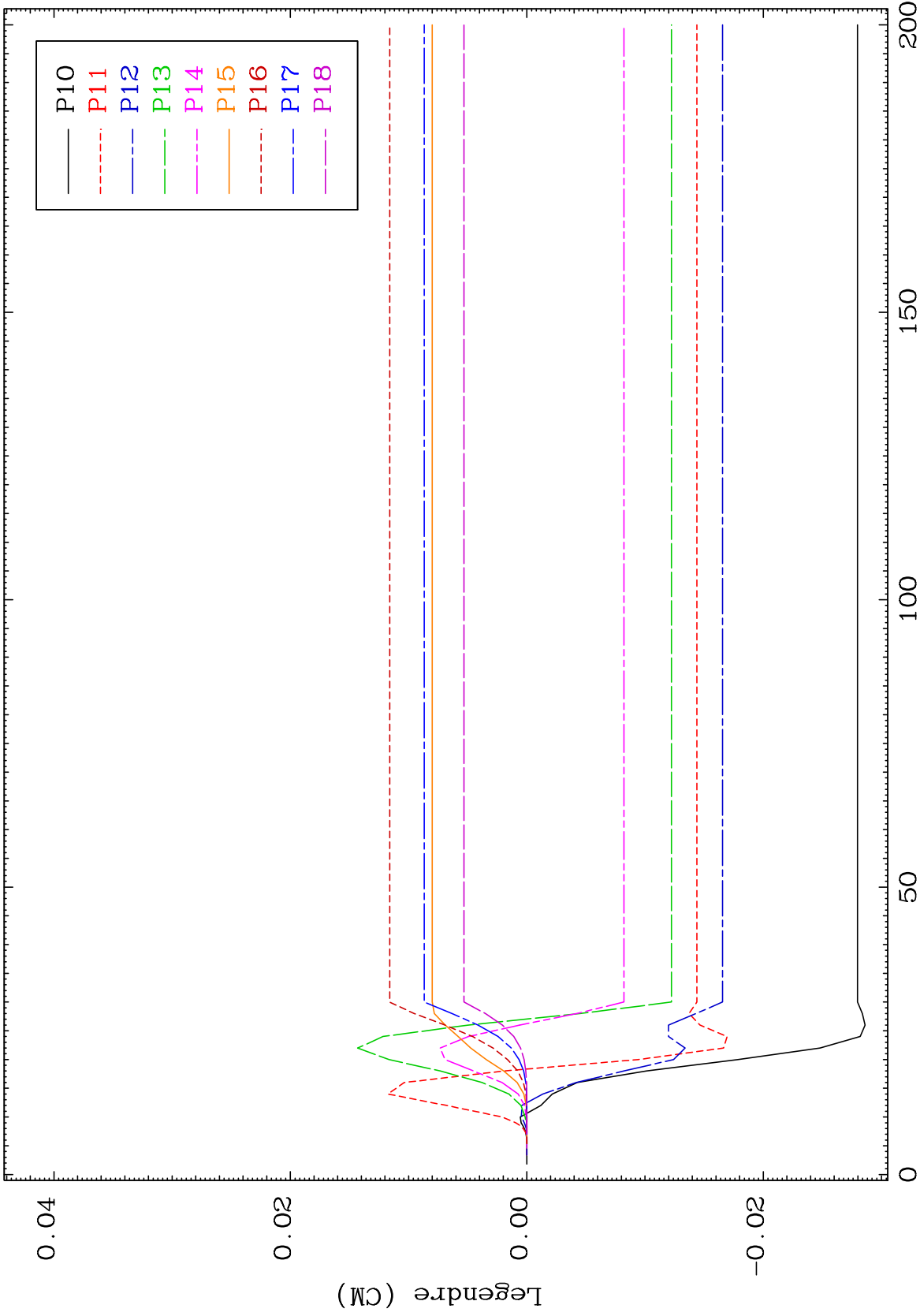
37-Rb-89

64

MAT 3737

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

37-Rb-89



65

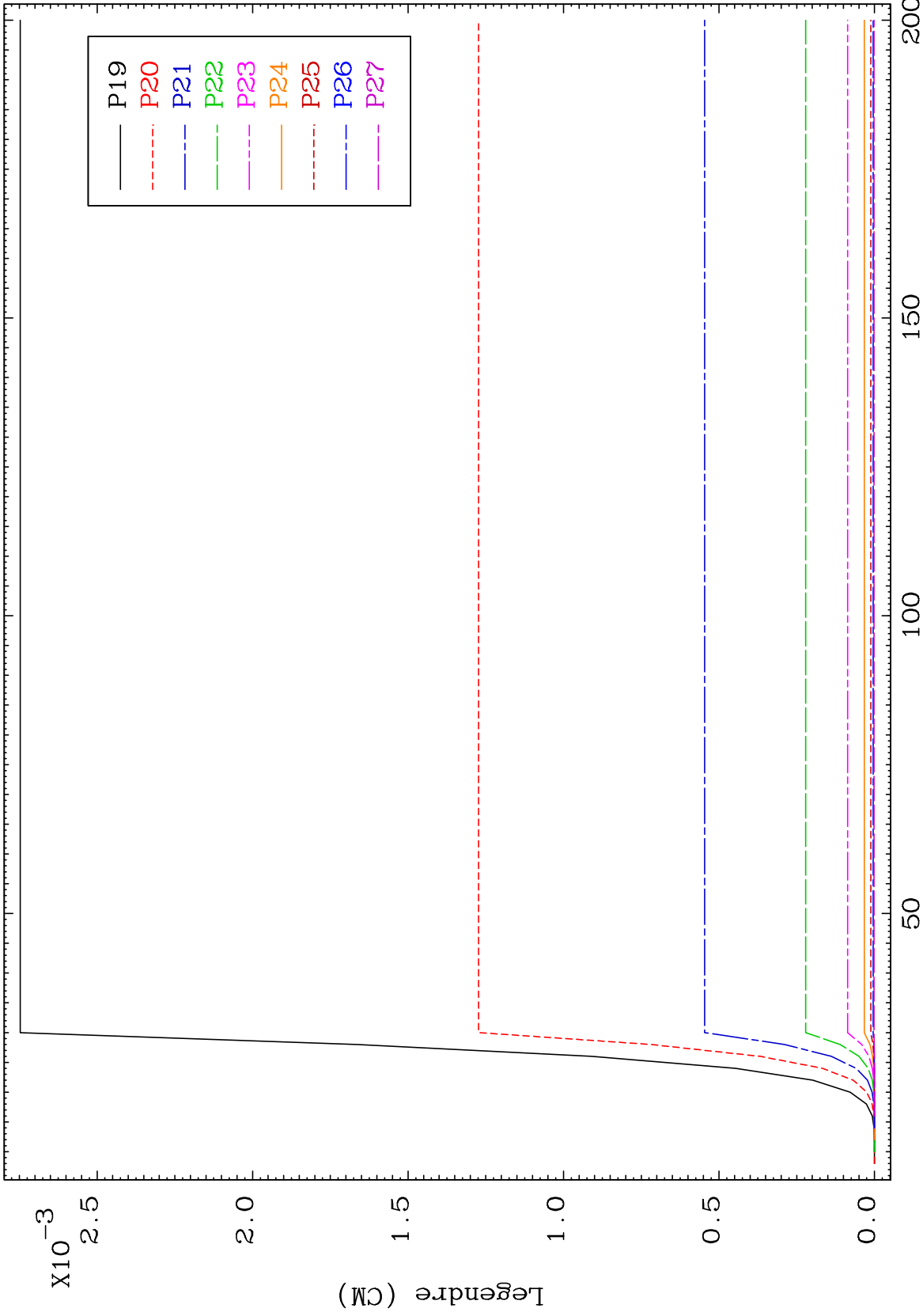
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



66

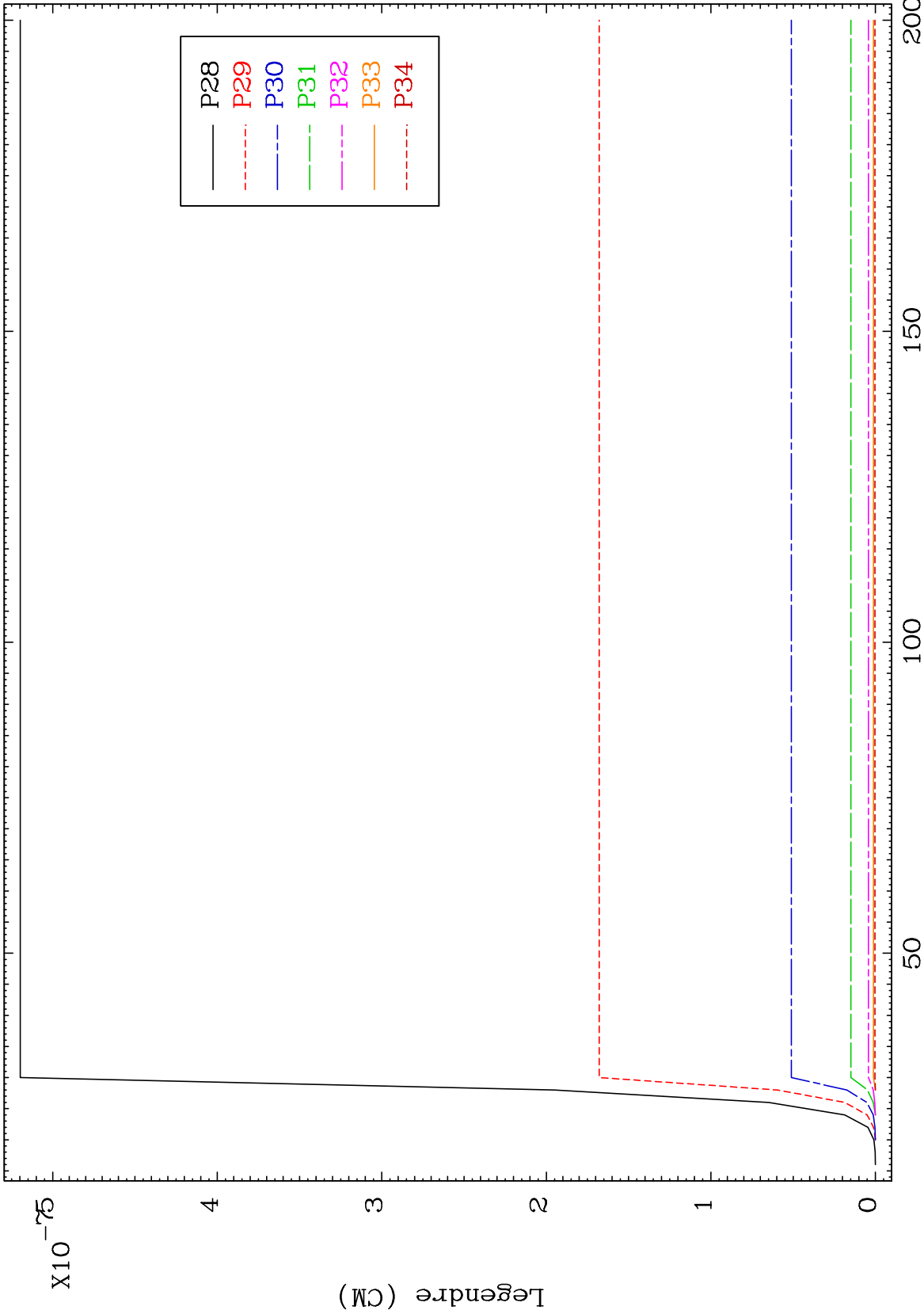
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



67

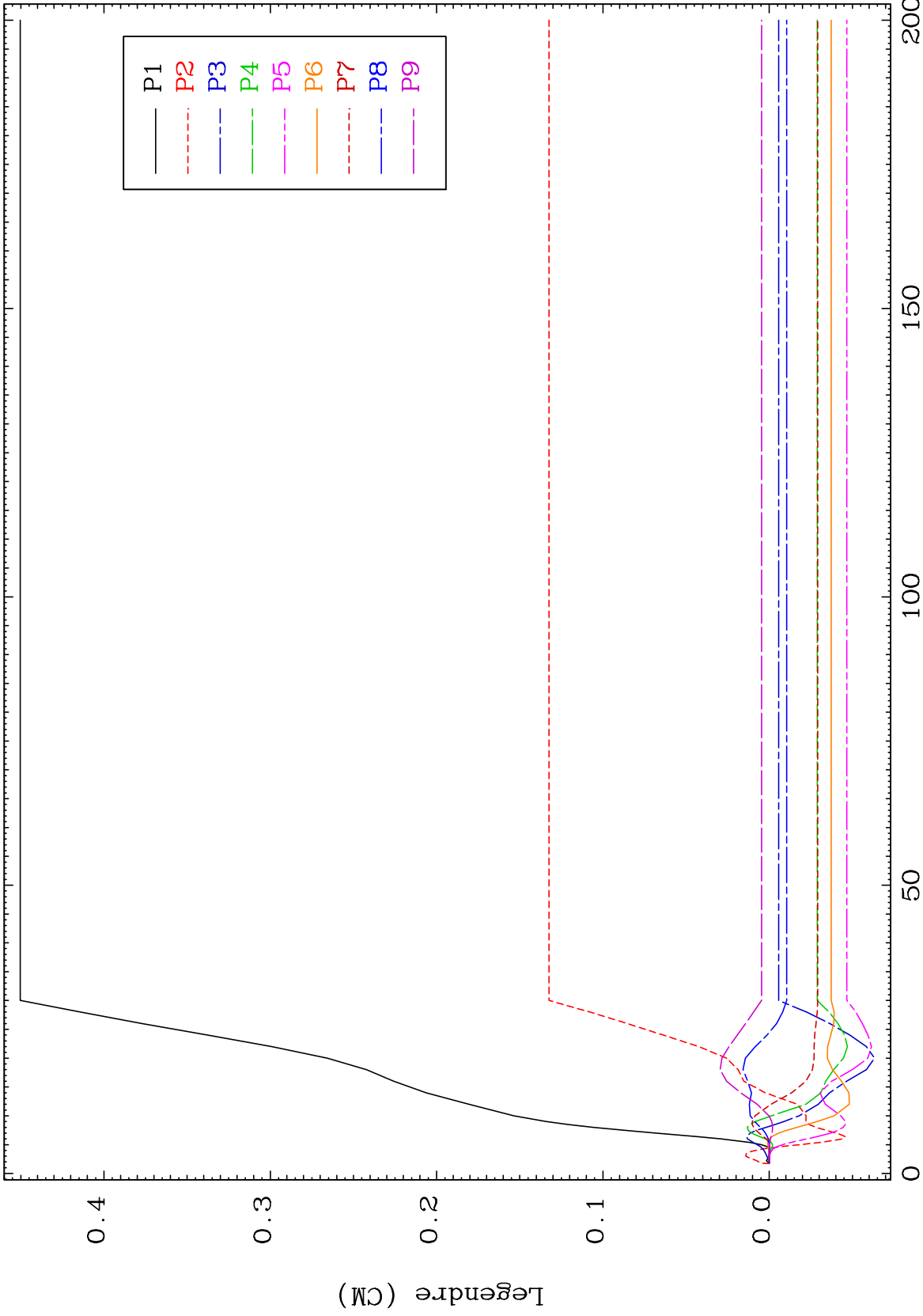
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



68

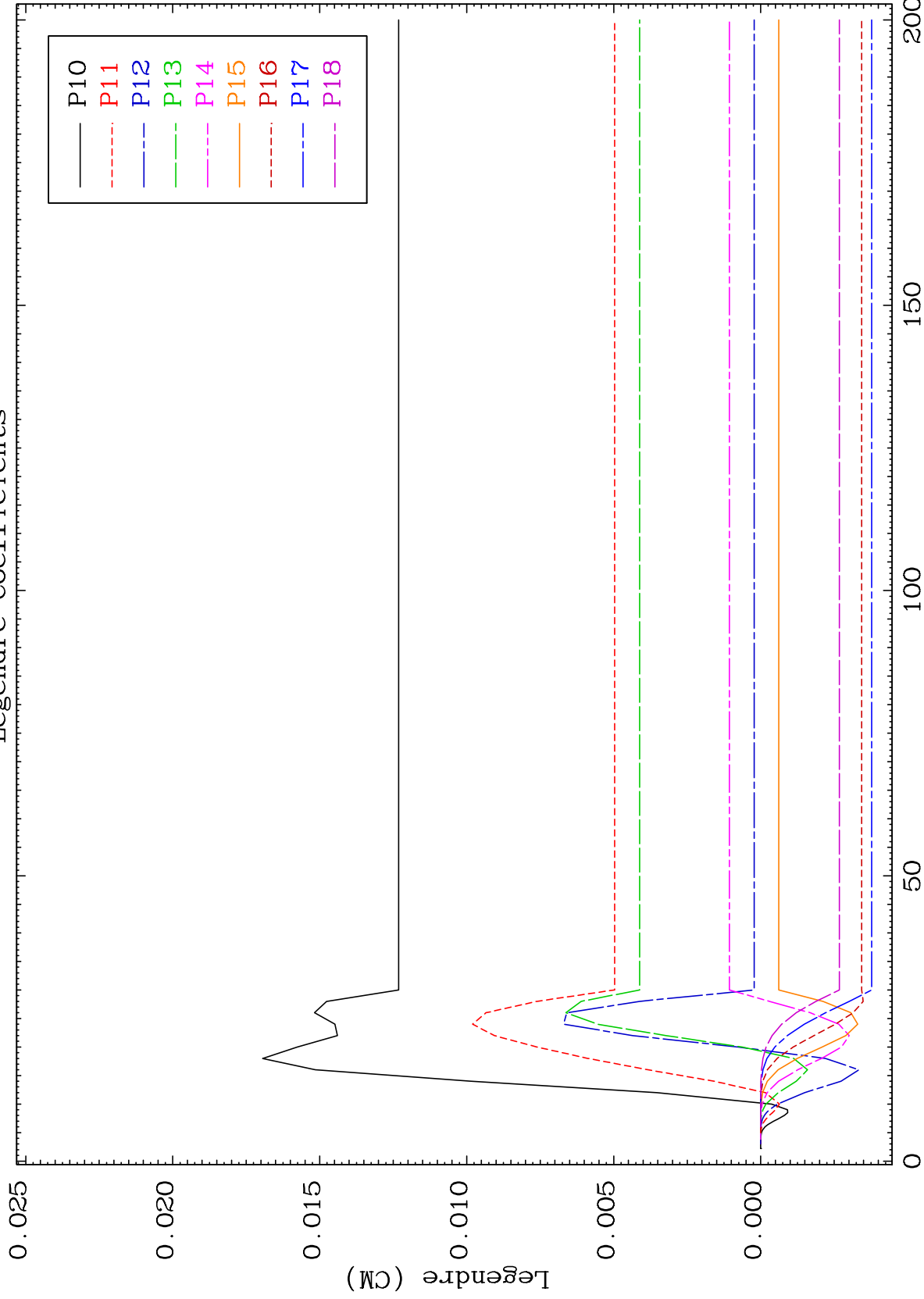
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



69

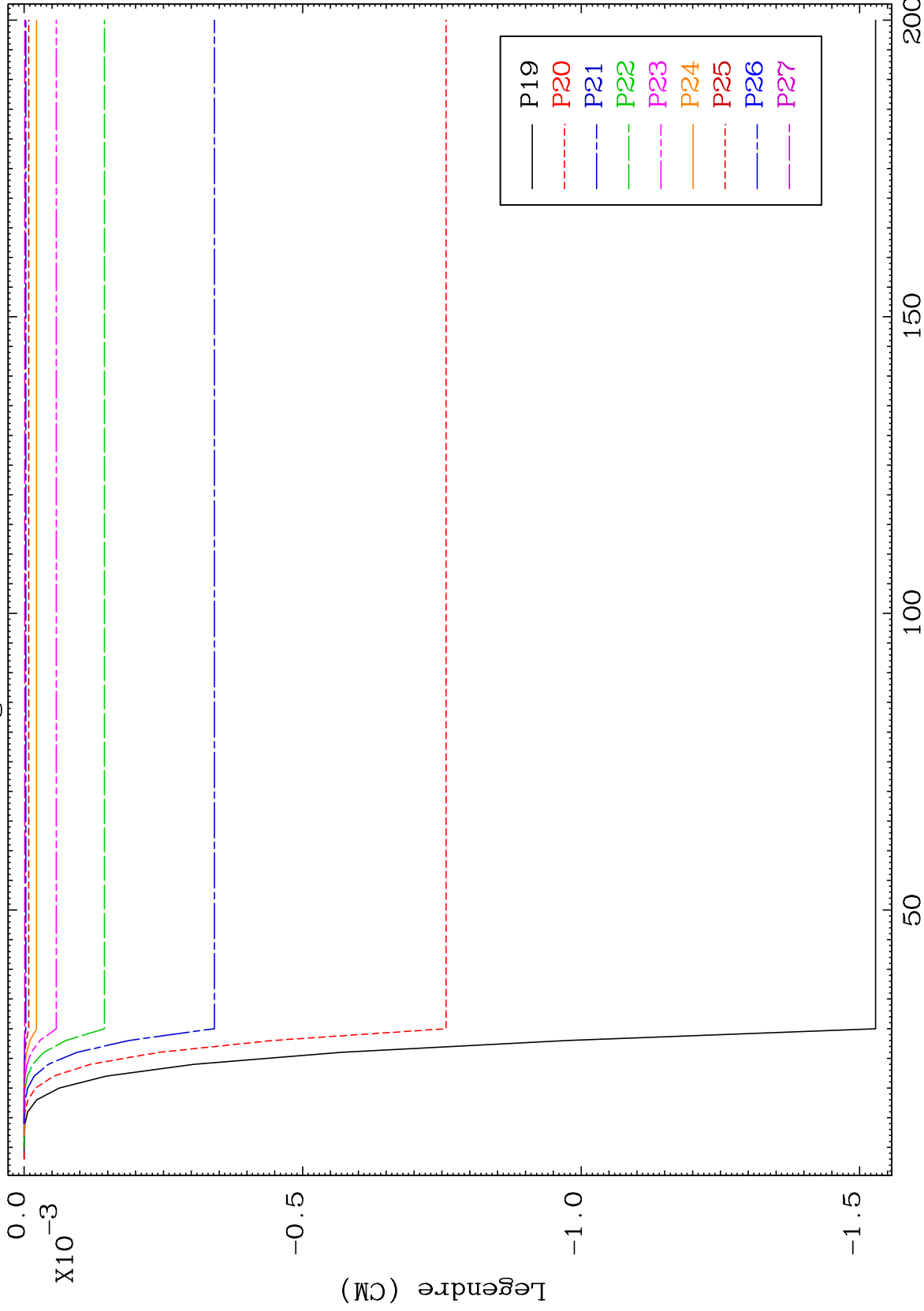
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



70

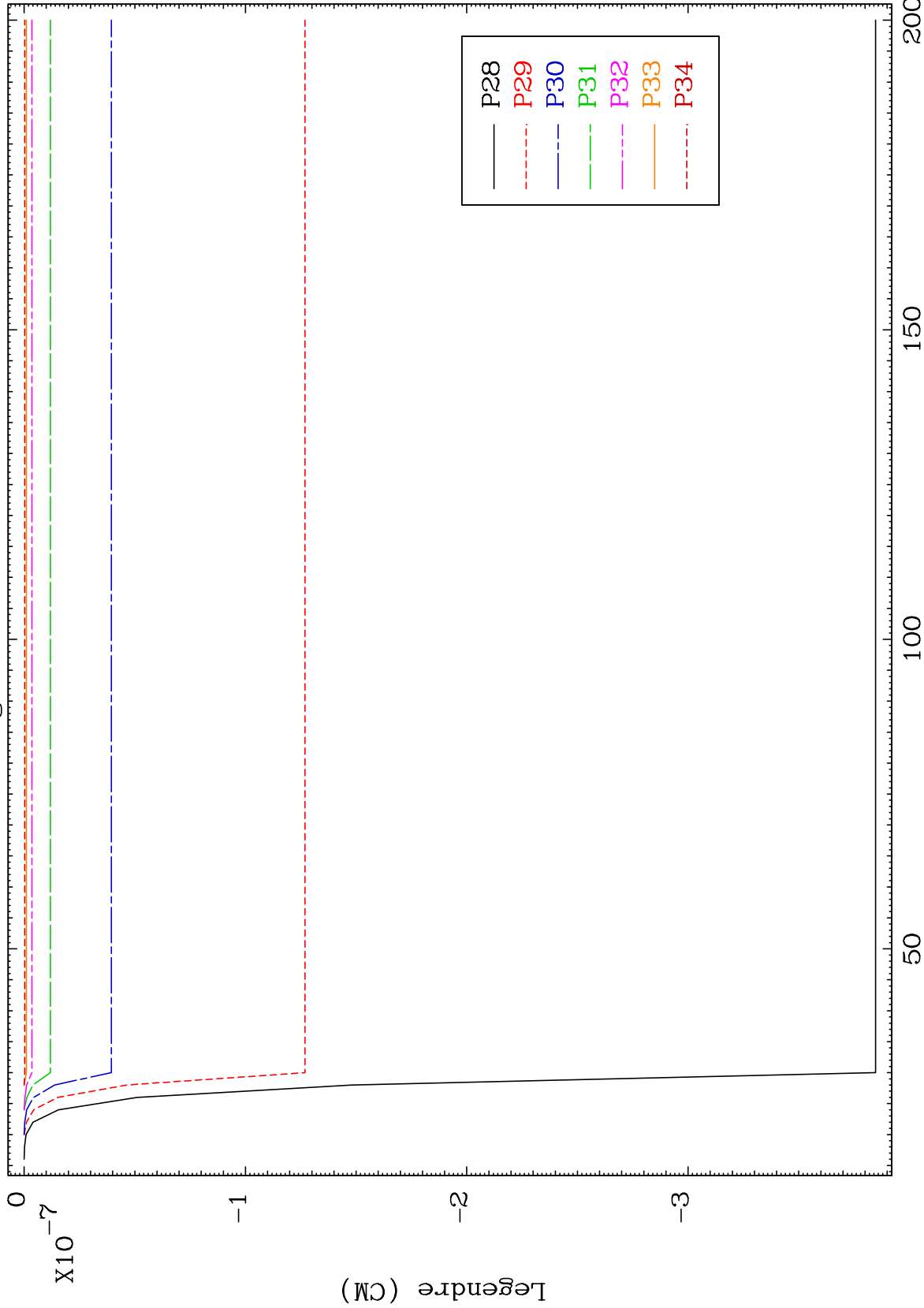
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



71

Incident Energy (MeV)

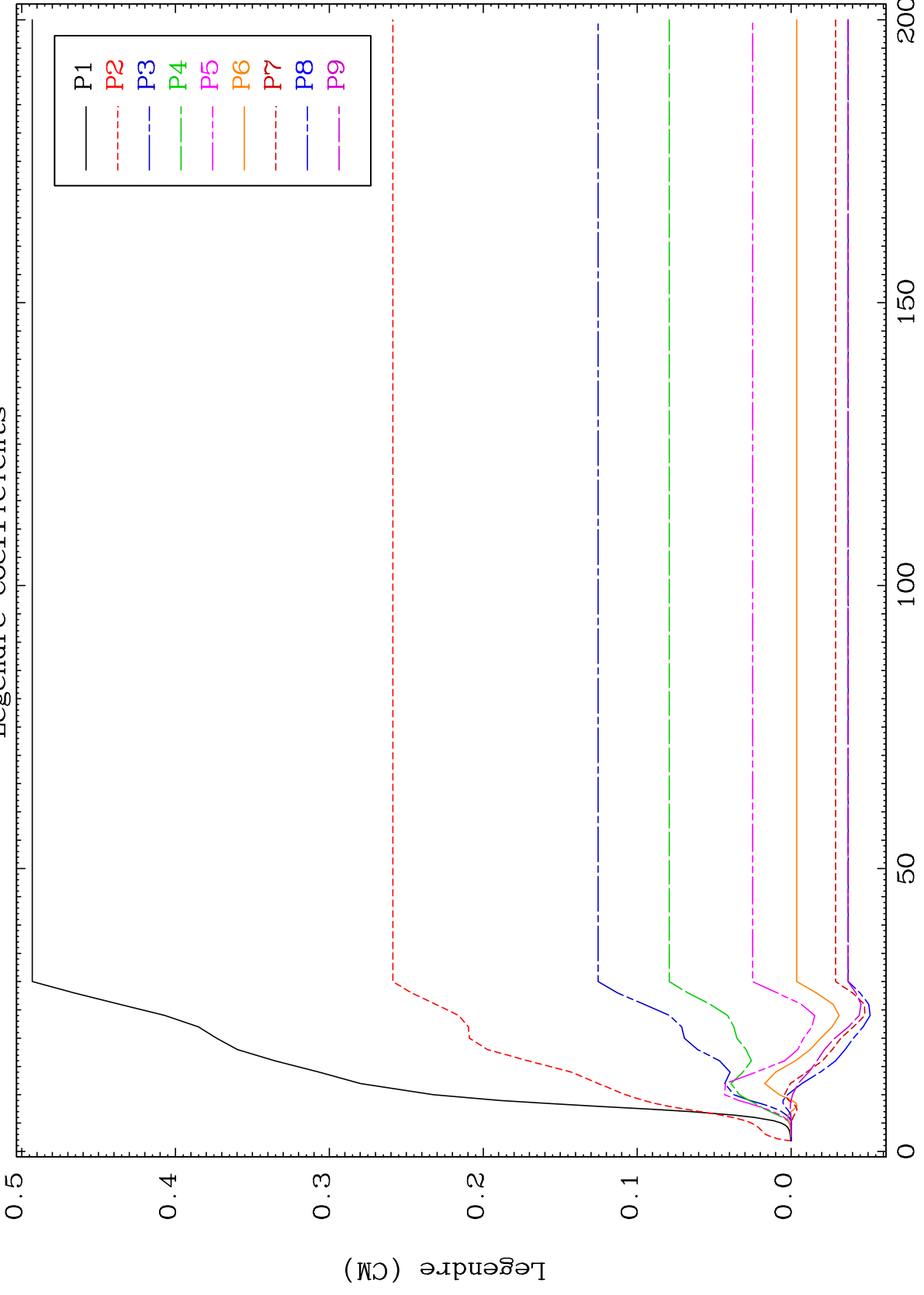
37-Rb-89



MAT 3737

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

37-Rb-89



72

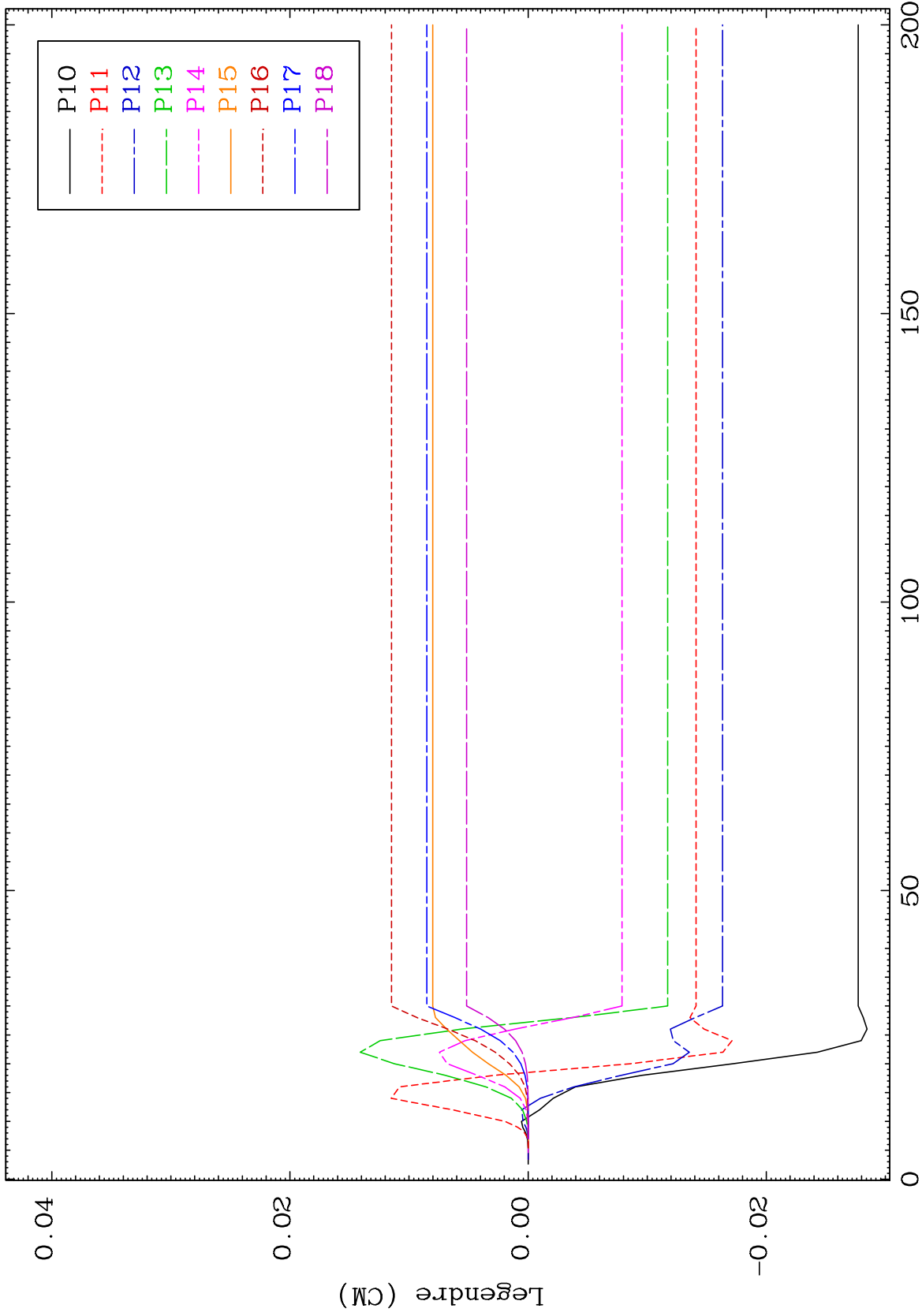
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



73

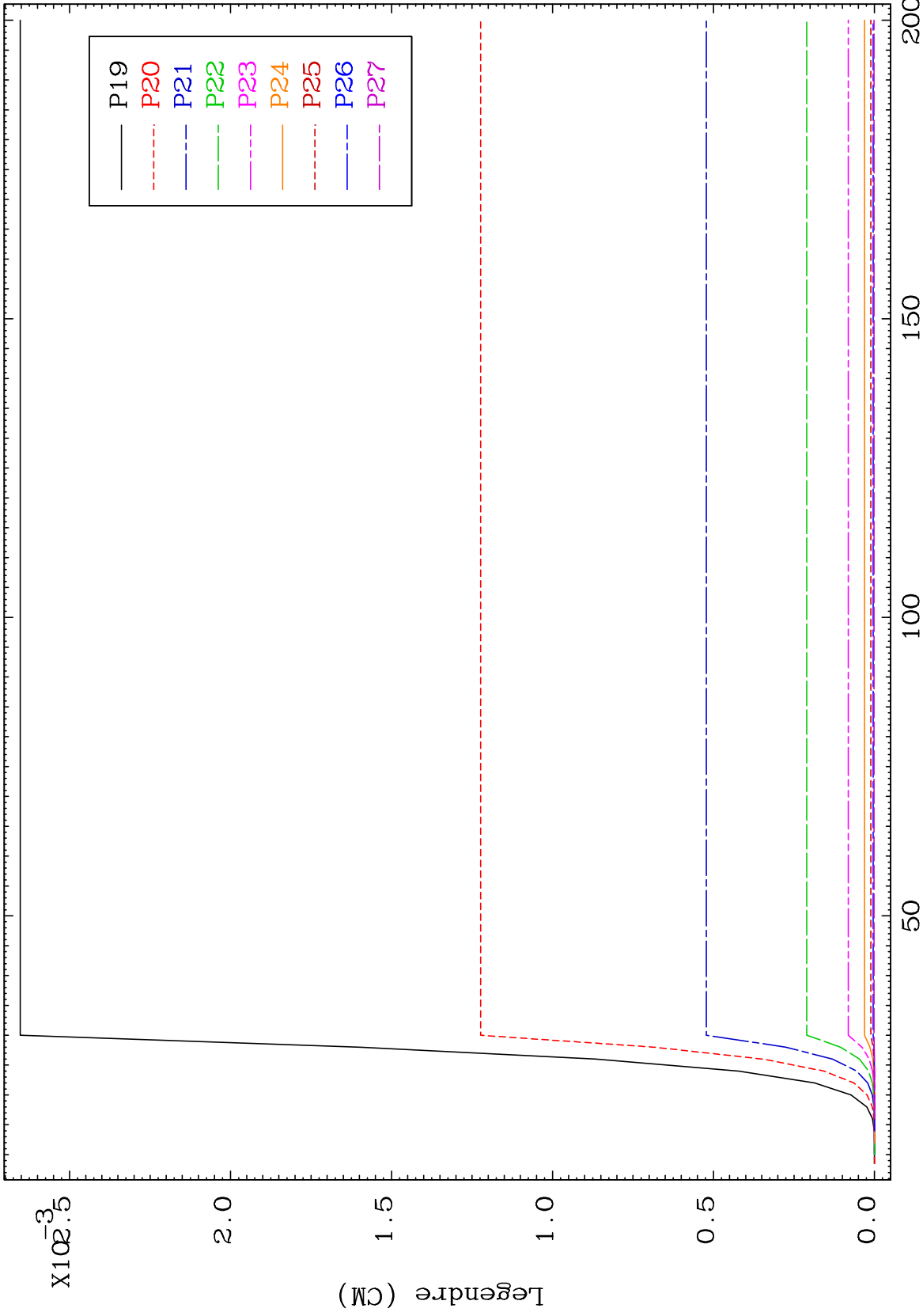
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



74

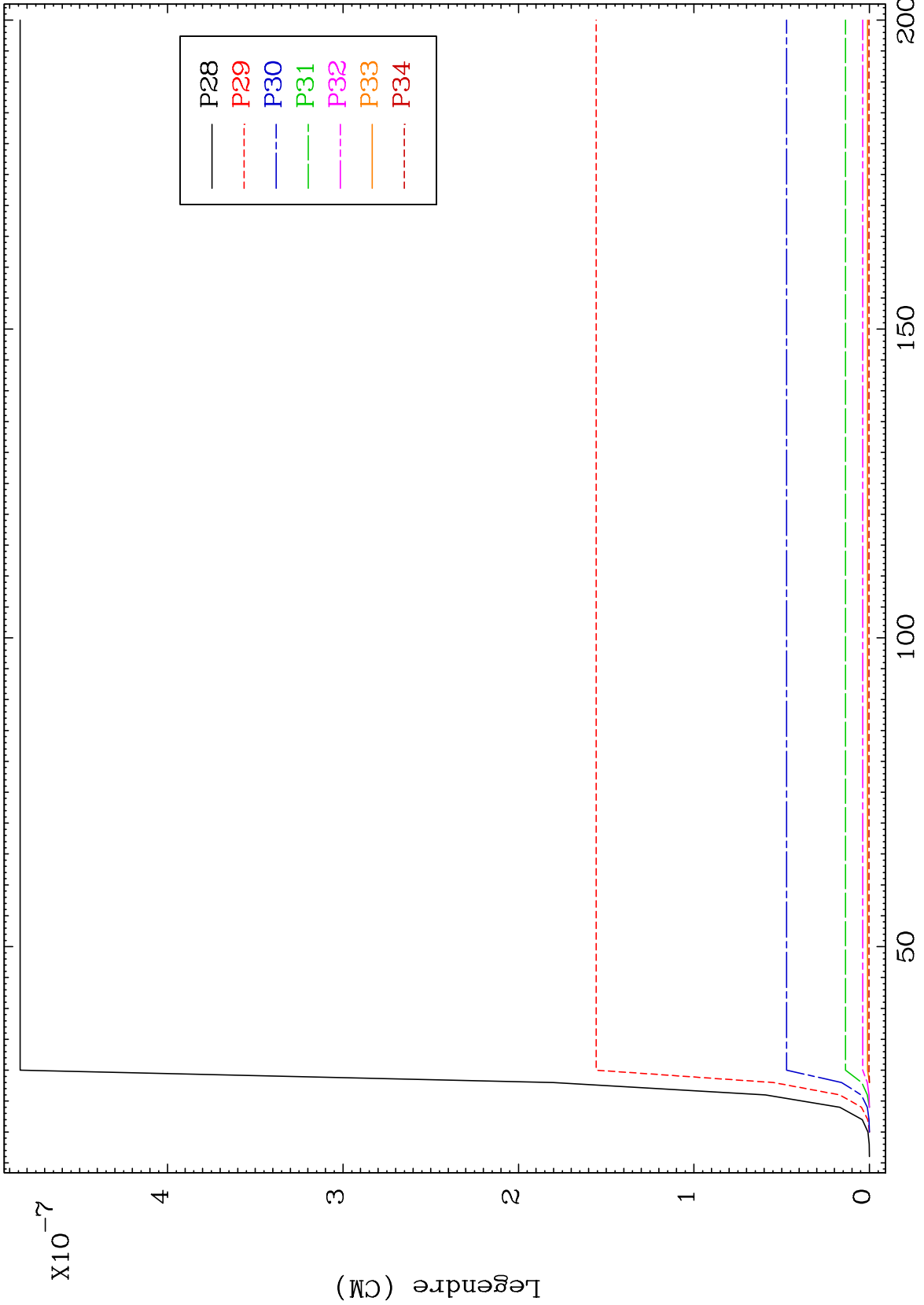
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



75

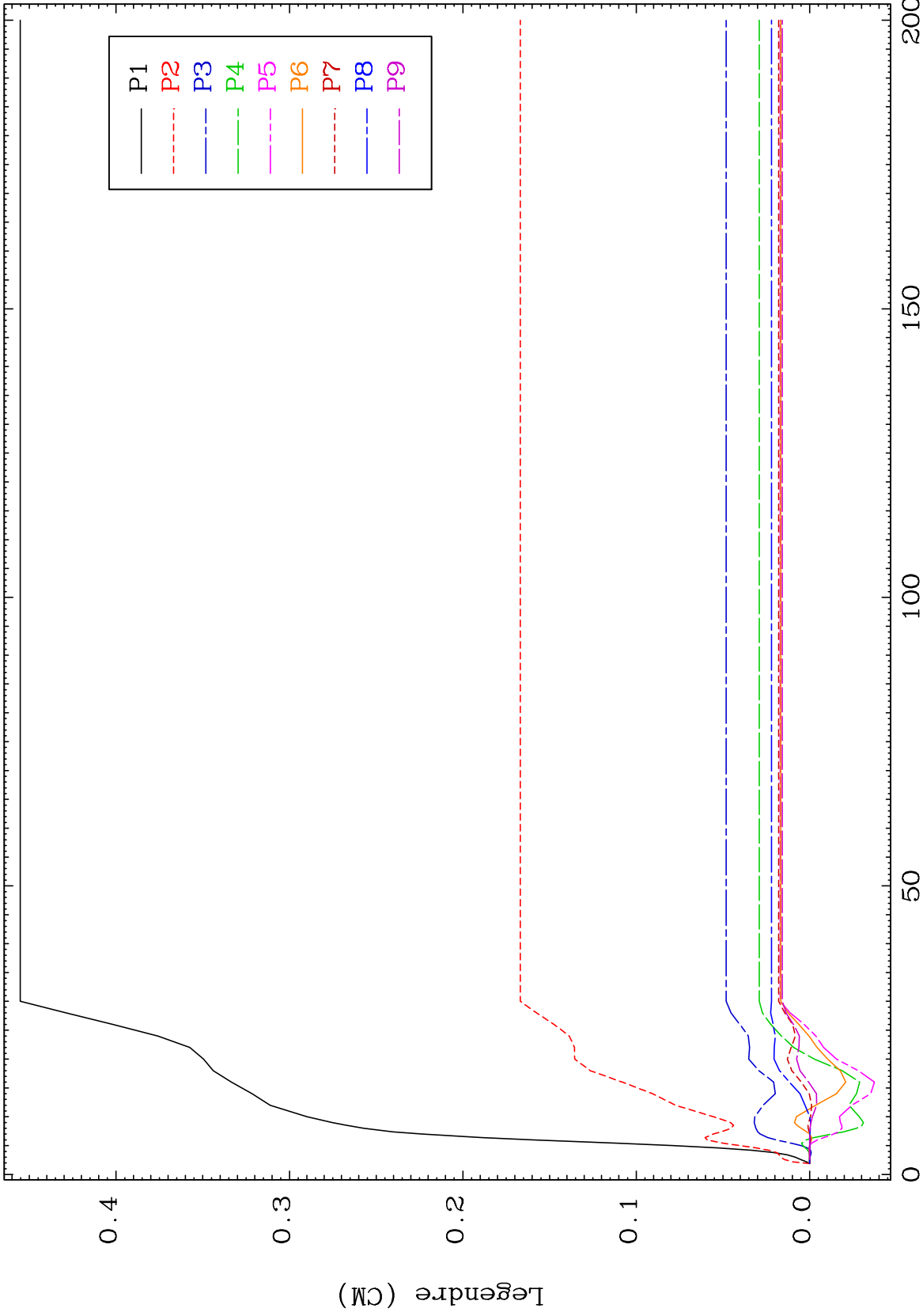
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



76

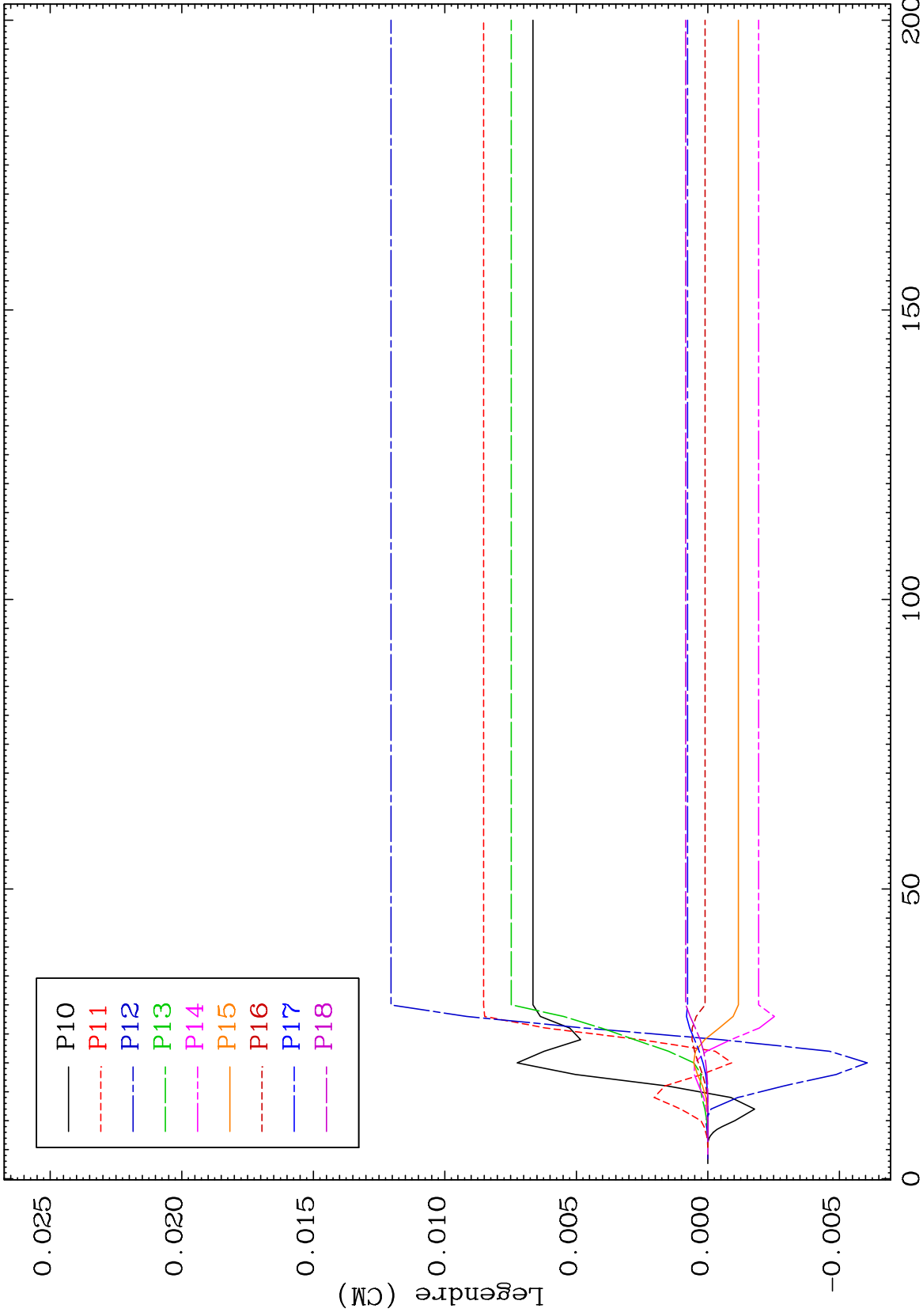
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



77

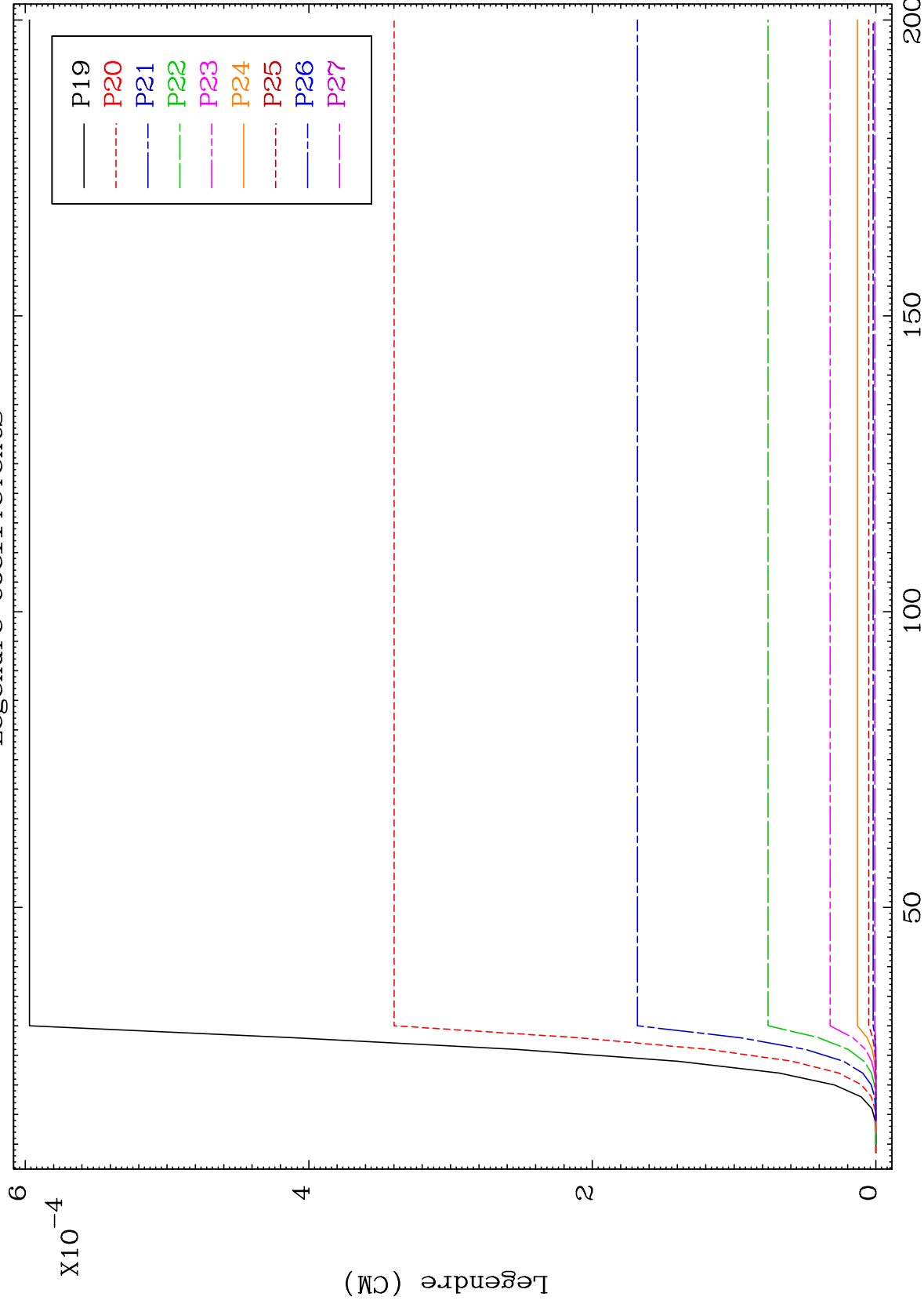
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



78

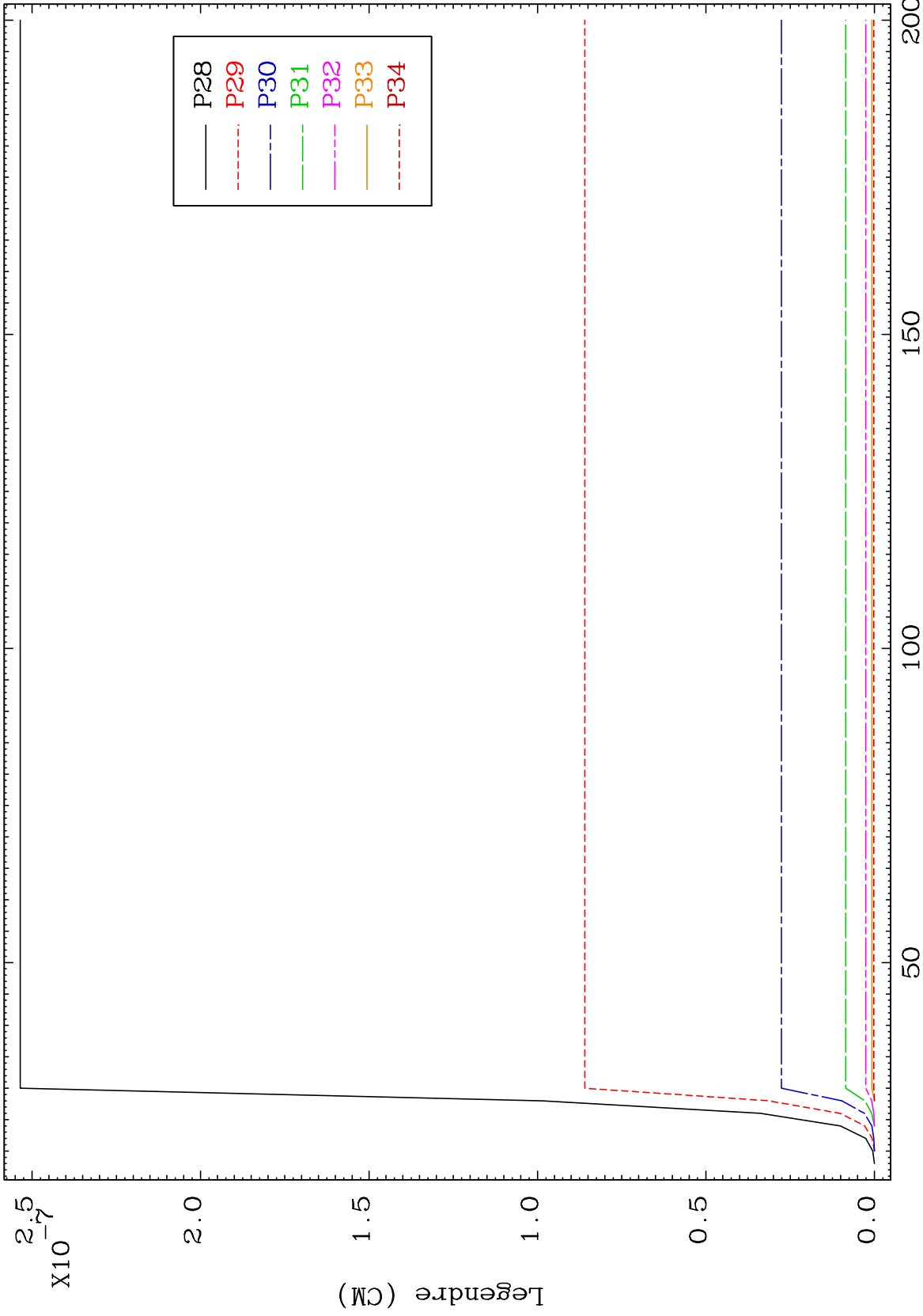
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



79

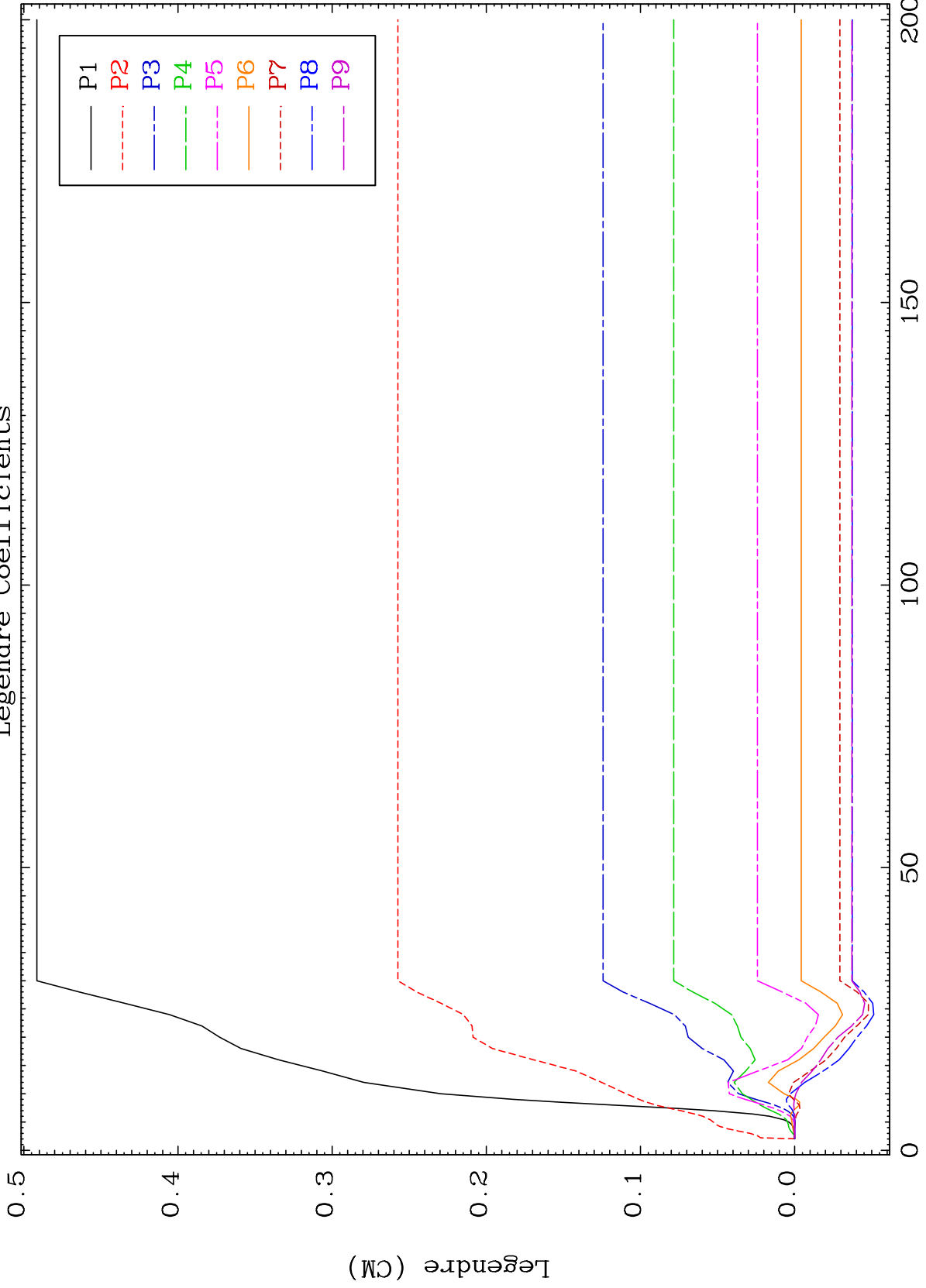
37-Rb-89



MAT 3737

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

37-Rb-89



37-Rb-89

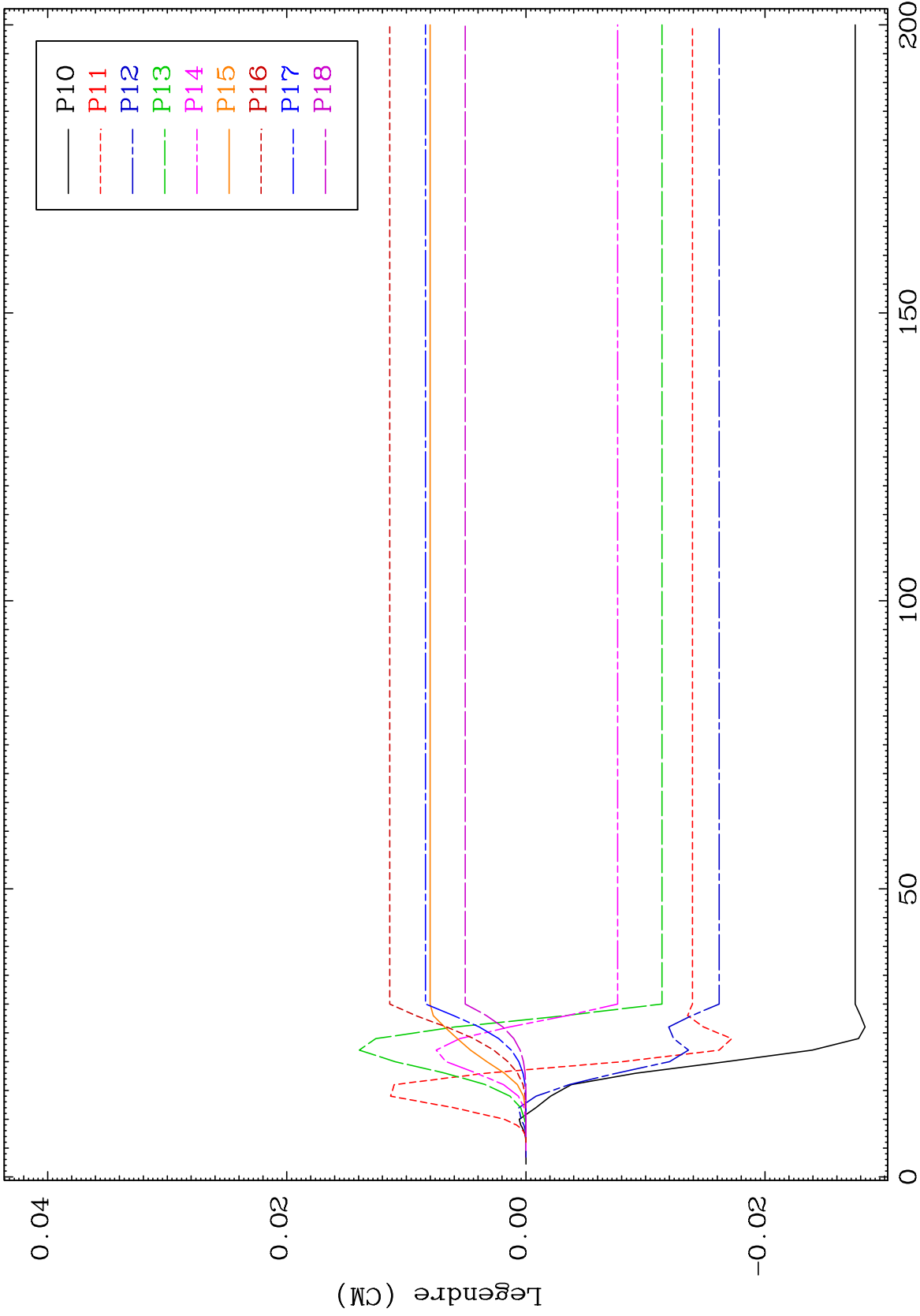
Incident Energy (MeV)

80

MAT 3737

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

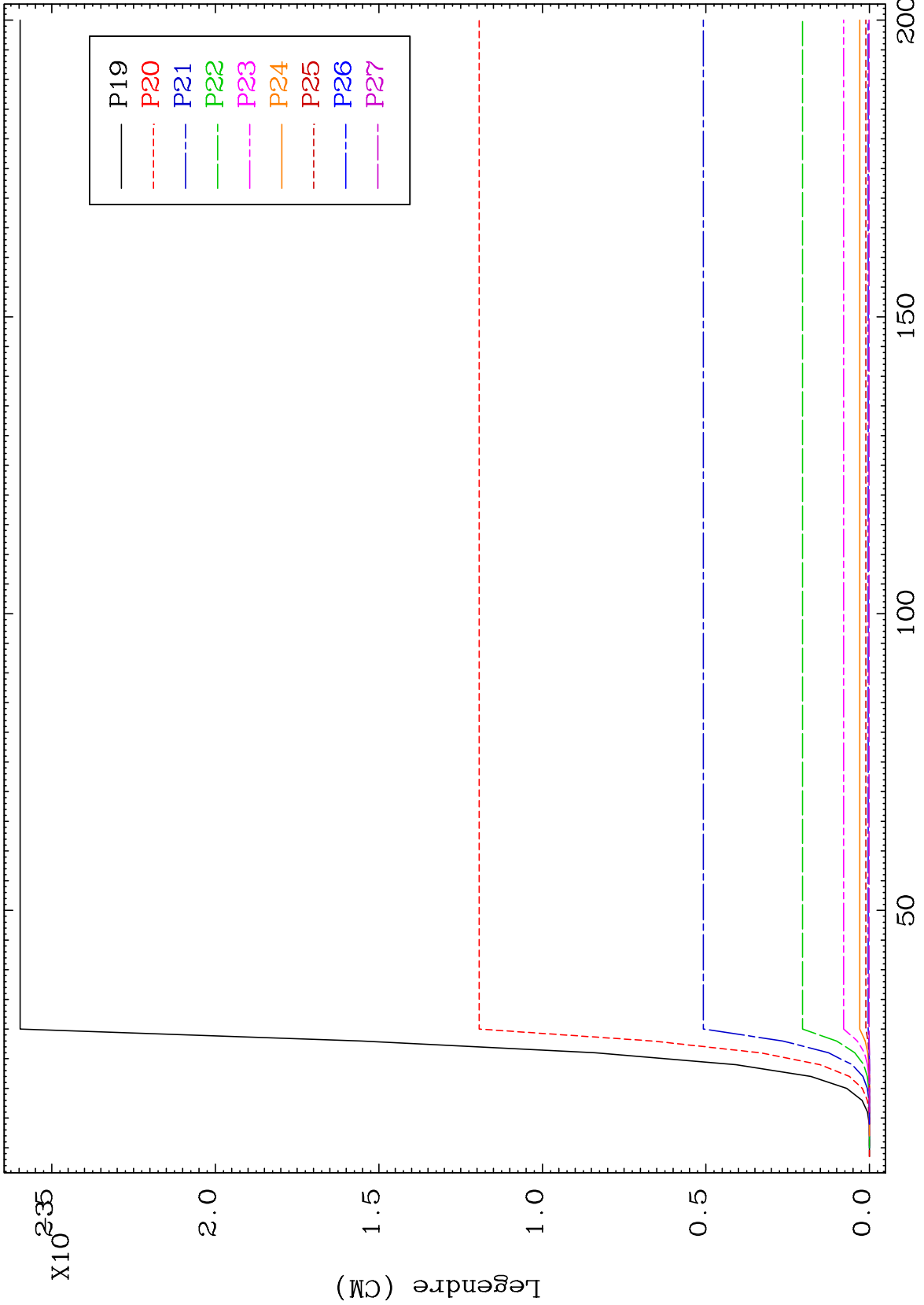
37-Rb-89



81

Incident Energy (MeV)

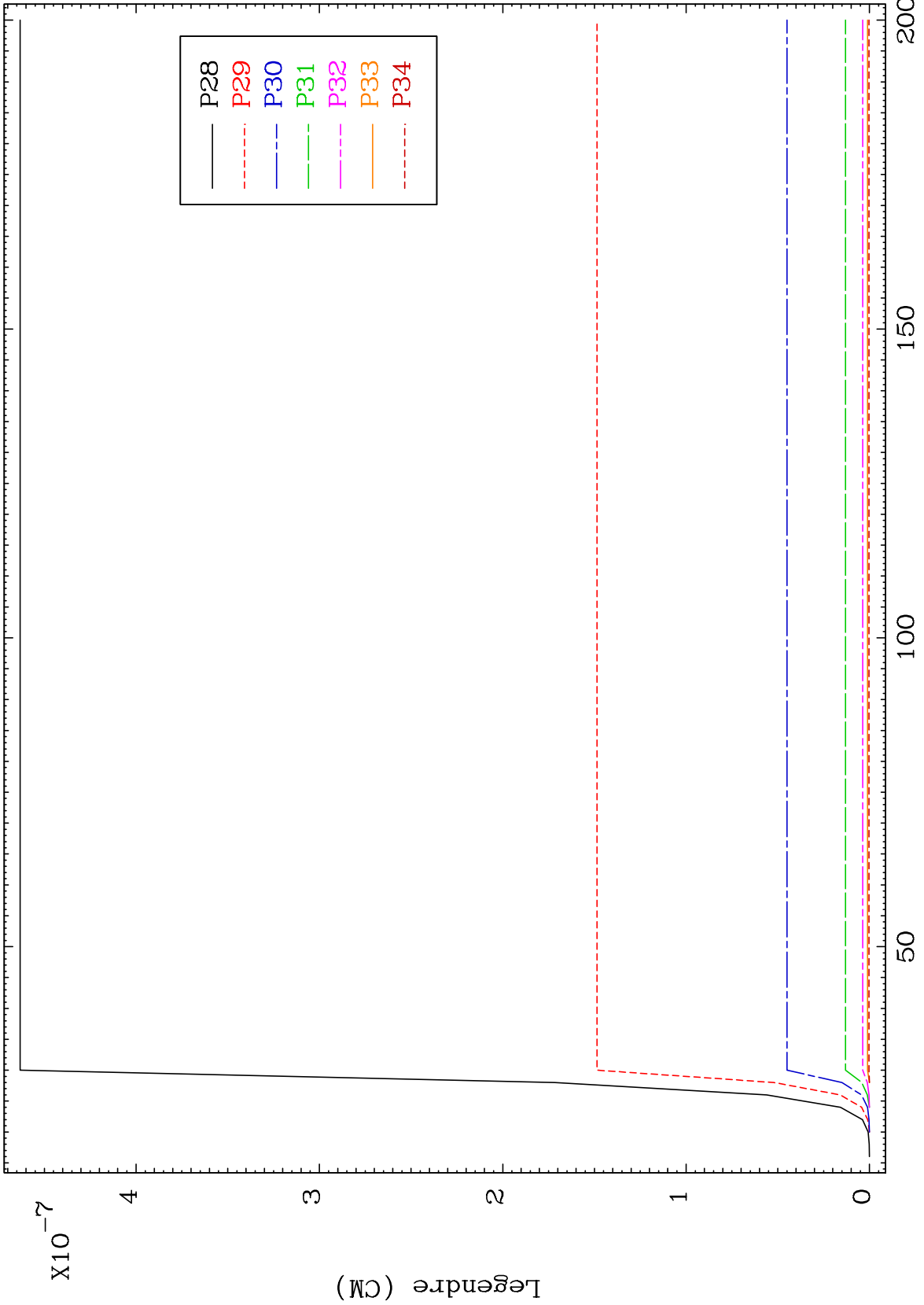
37-Rb-89



MAT 3737

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

37-Rb-89



83

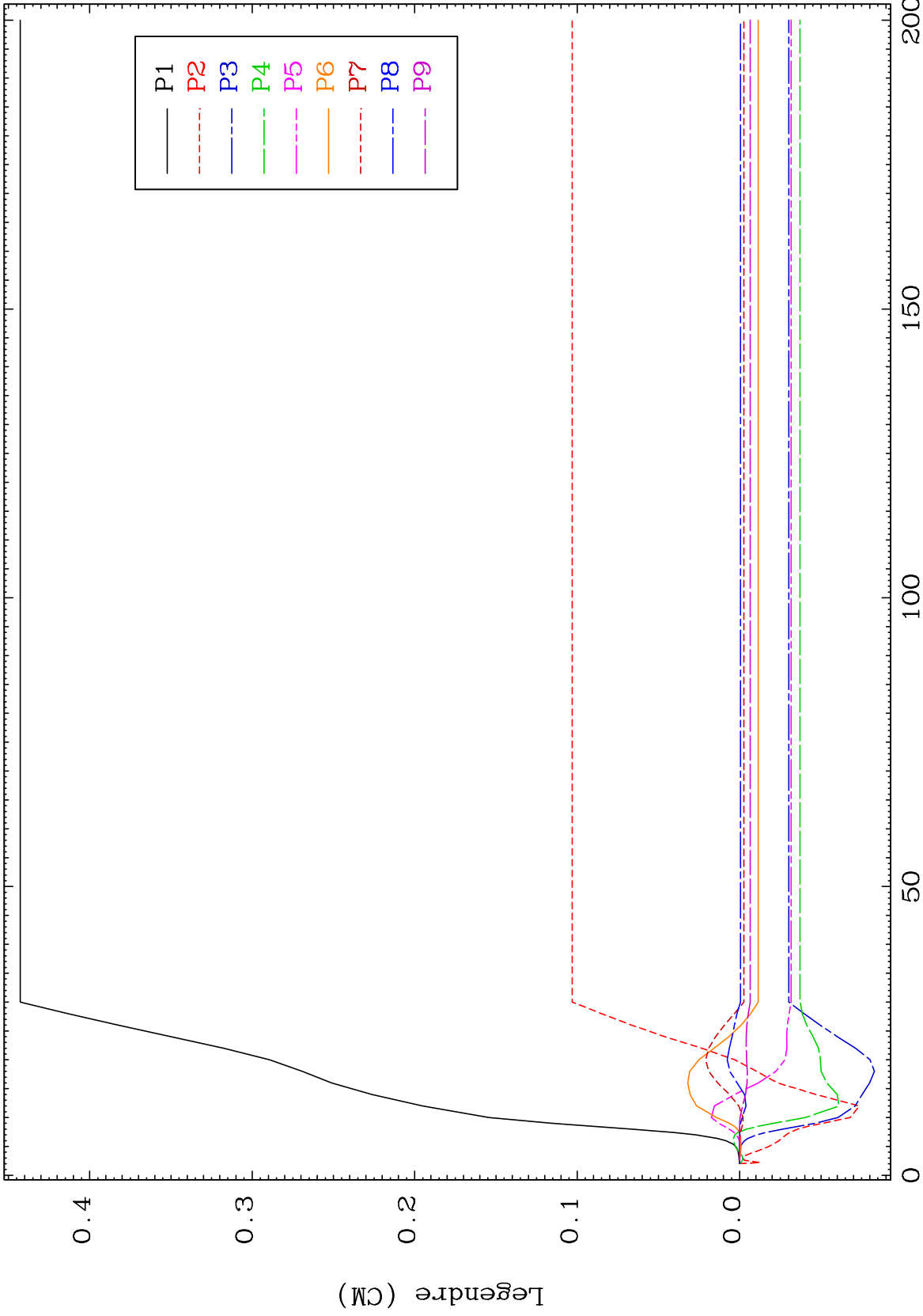
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



84

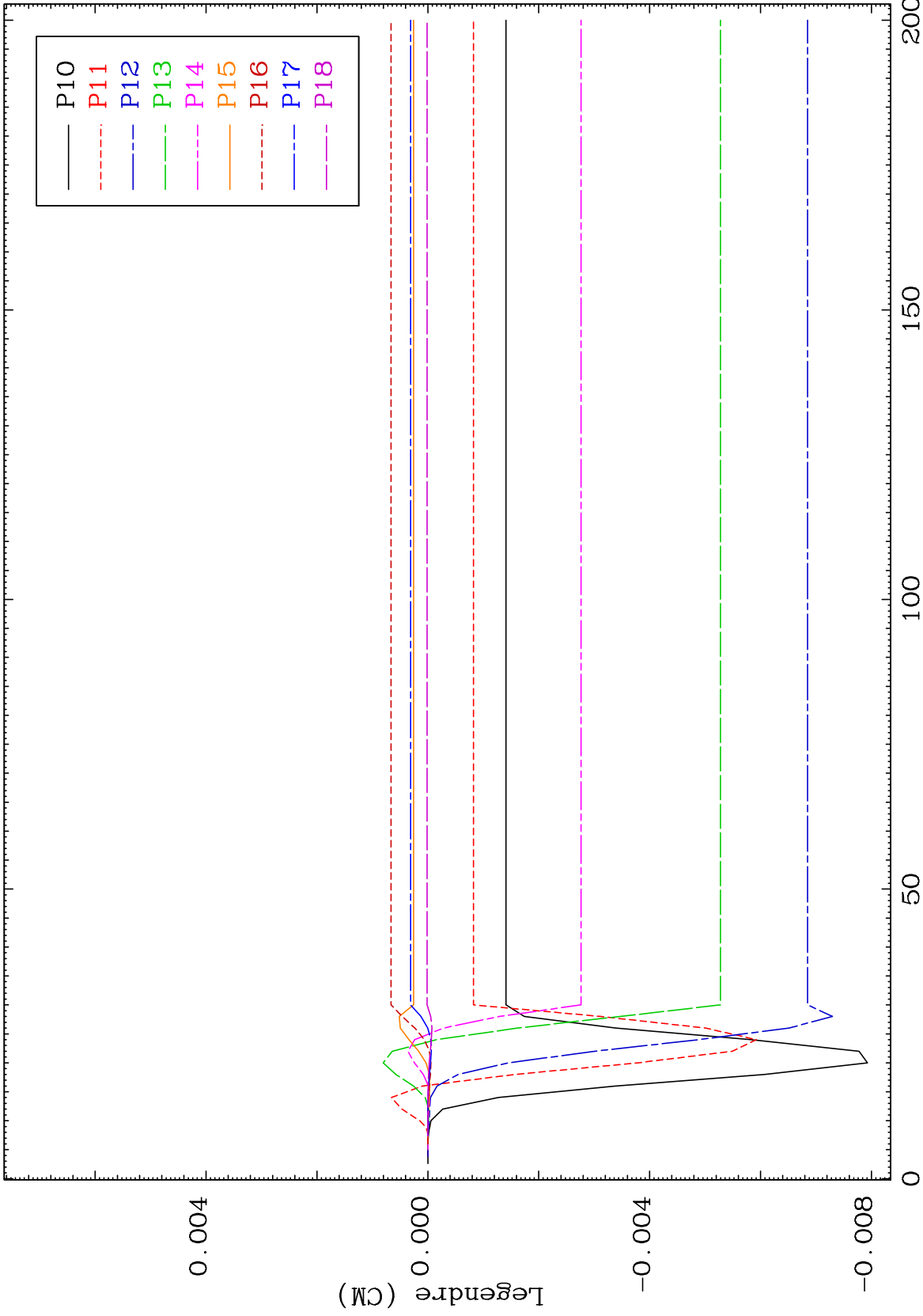
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



85

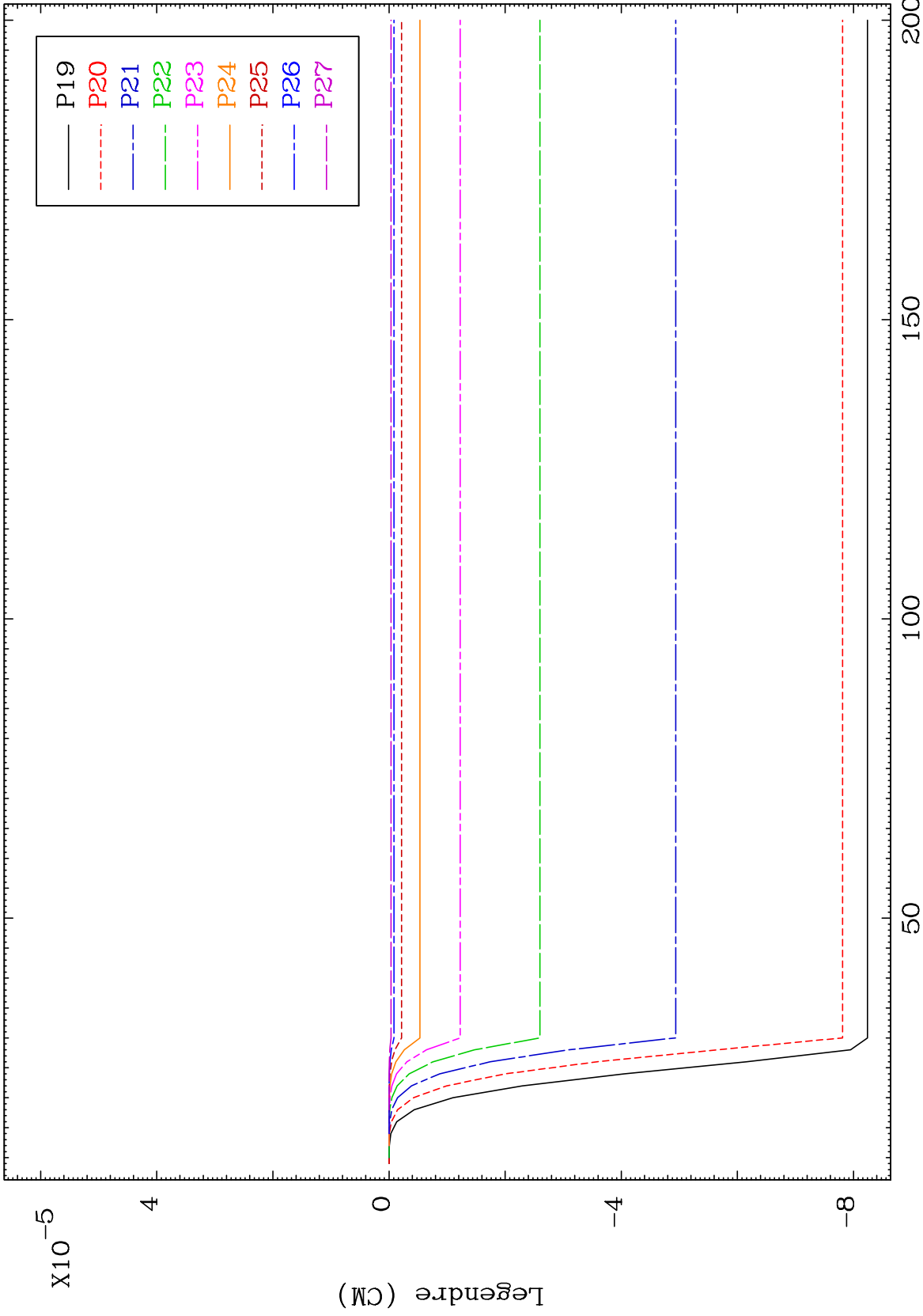
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



86

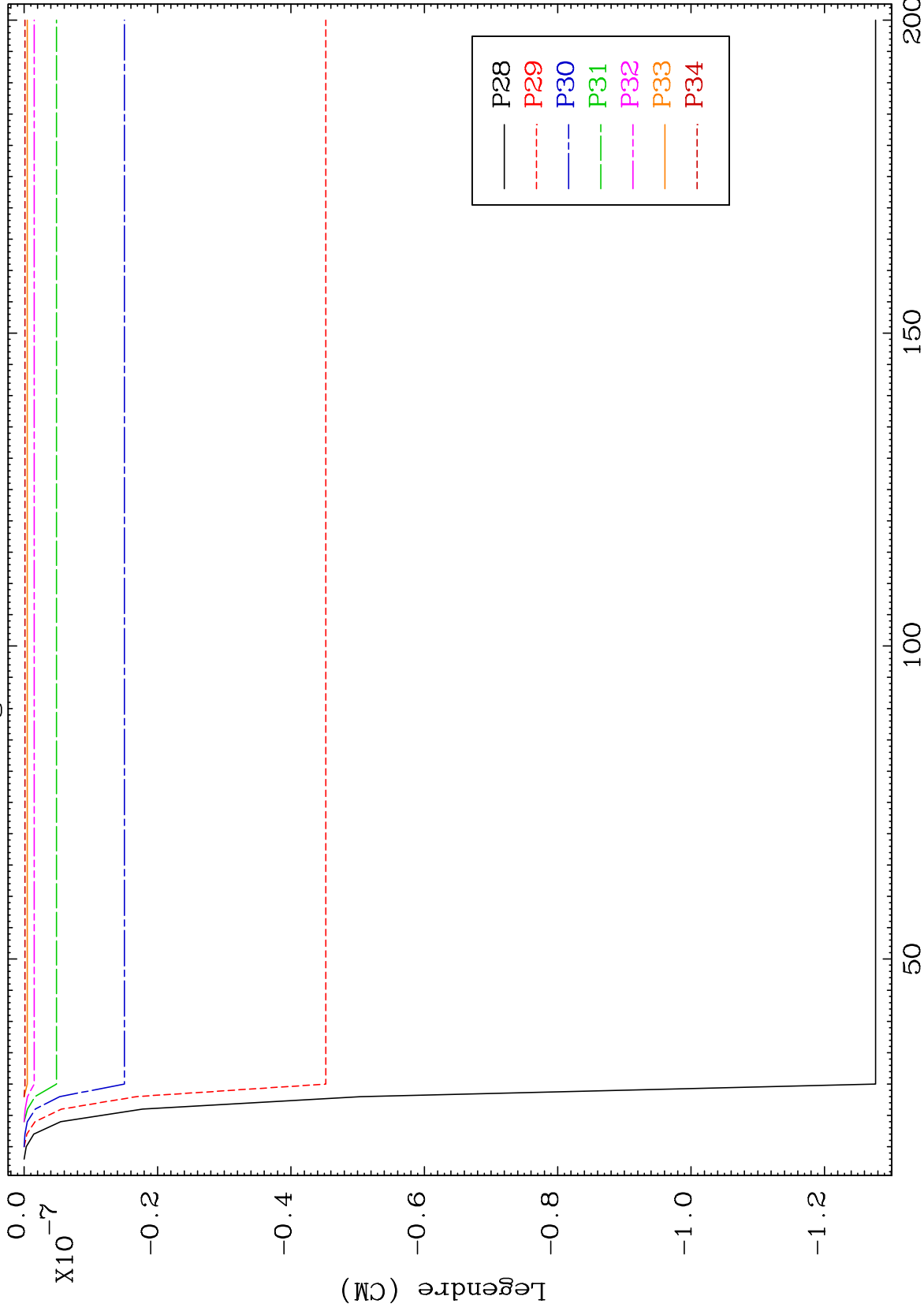
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



87

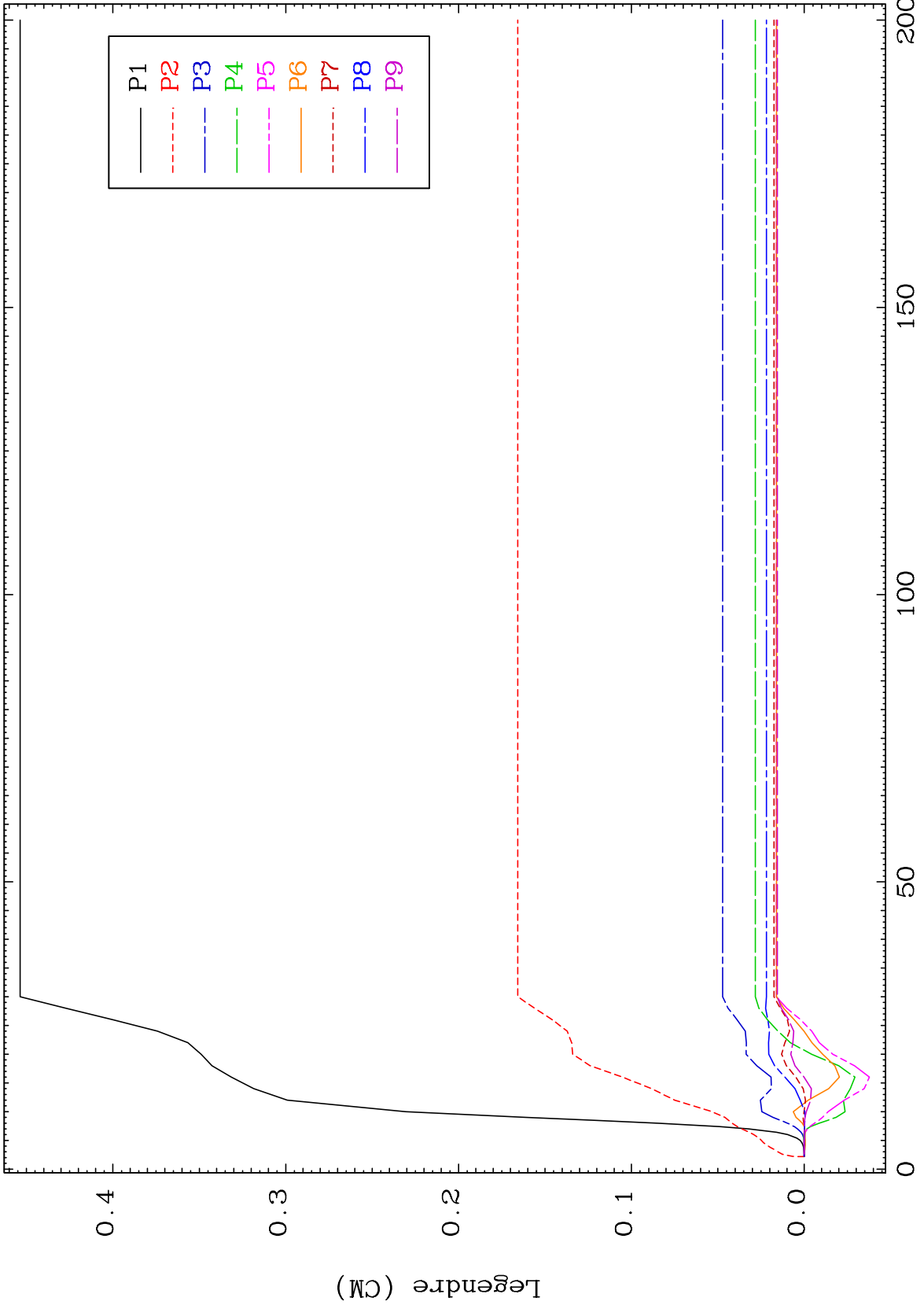
37-Rb-89



MAT 3737

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

37-Rb-89



88

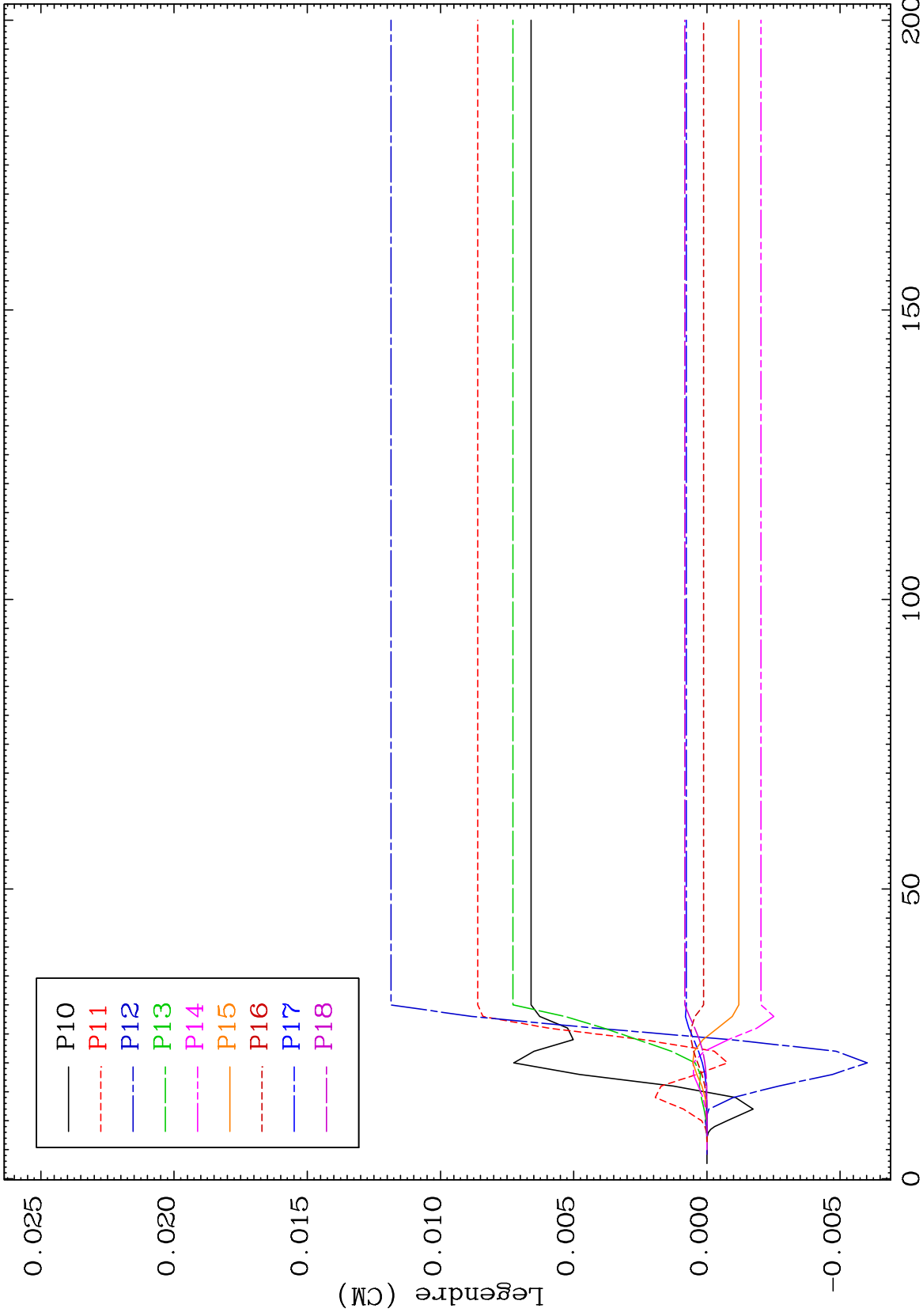
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



89

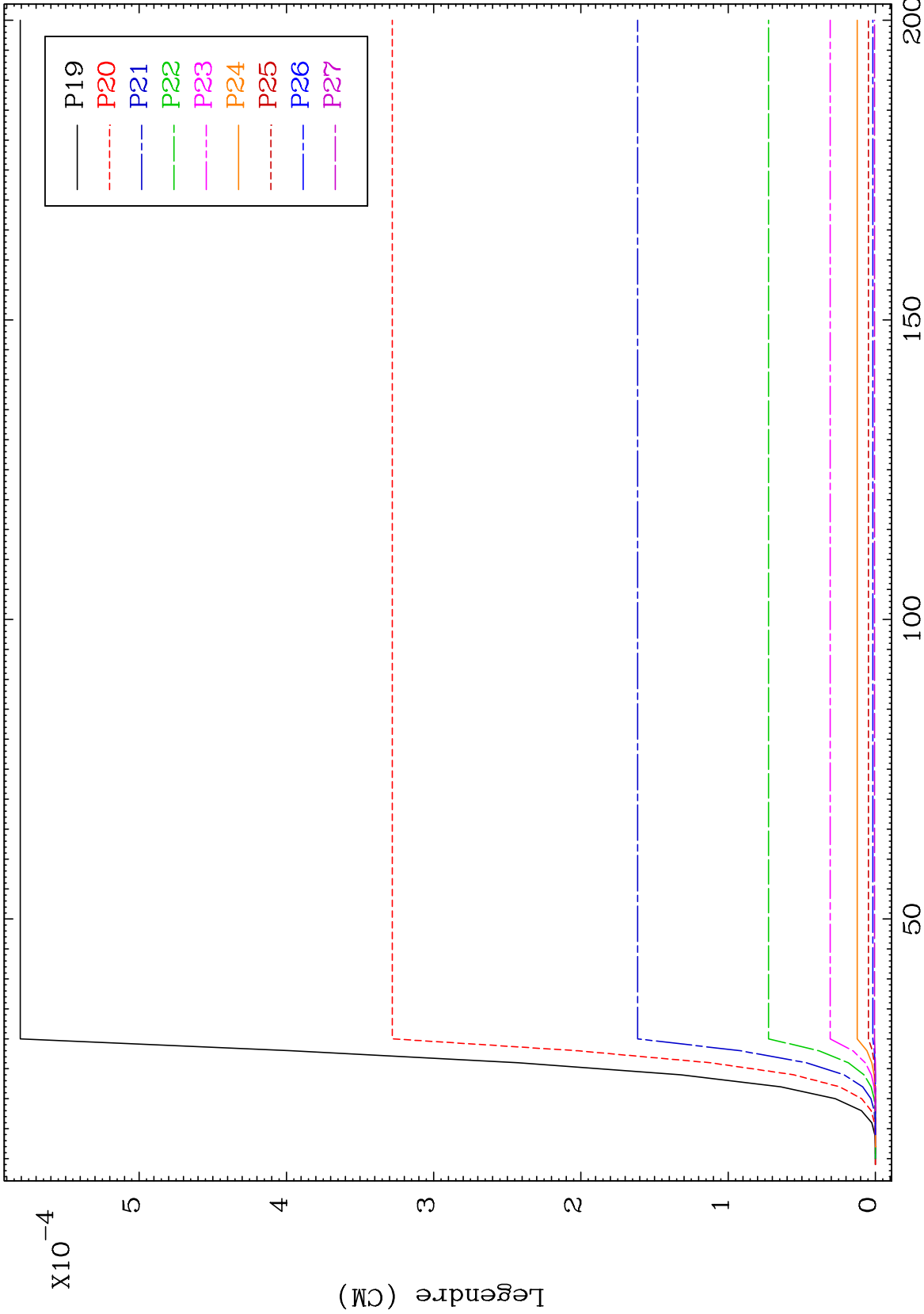
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



90

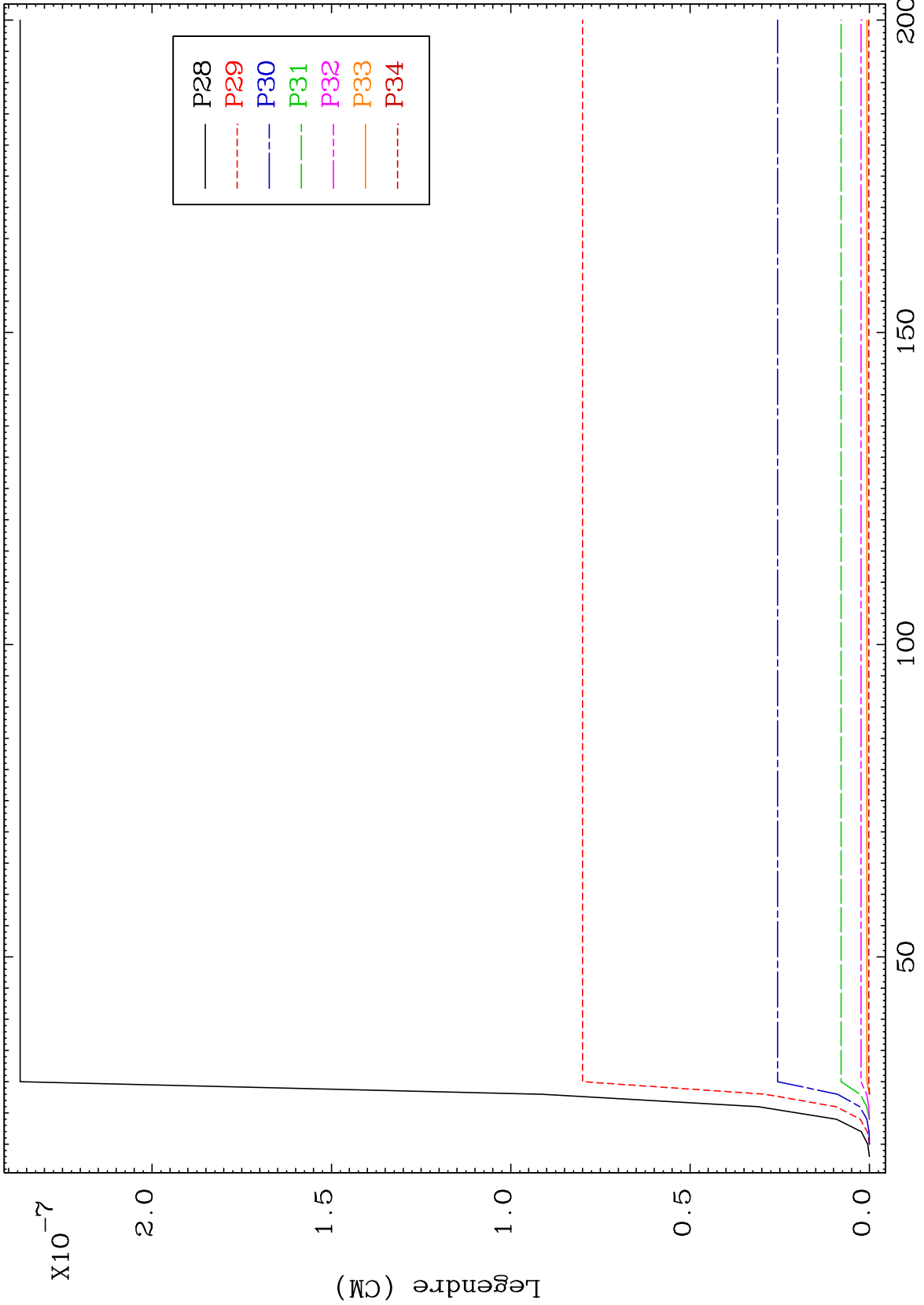
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



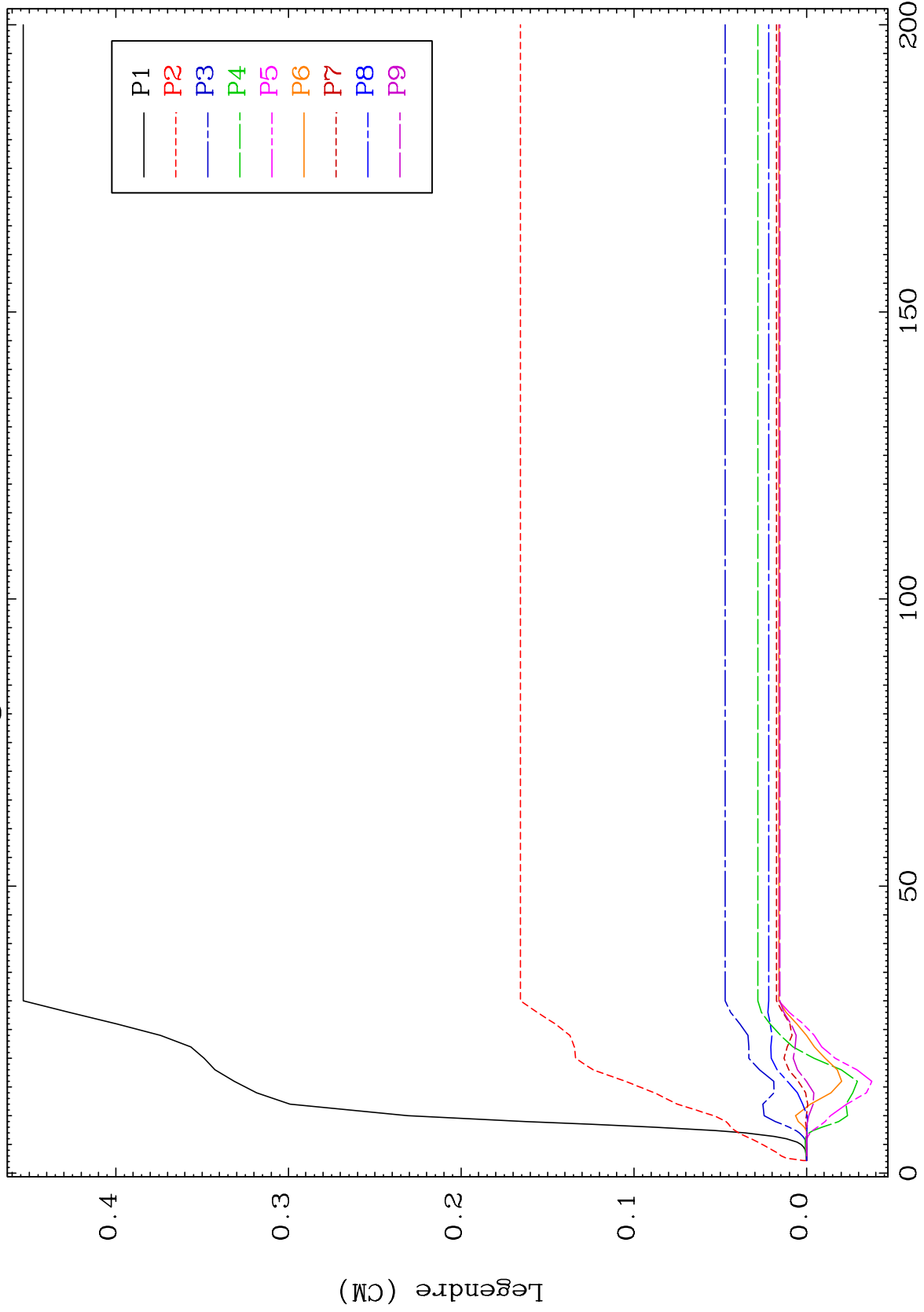
91

37-Rb-89

MAT 3737

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

37-Rb-89



92

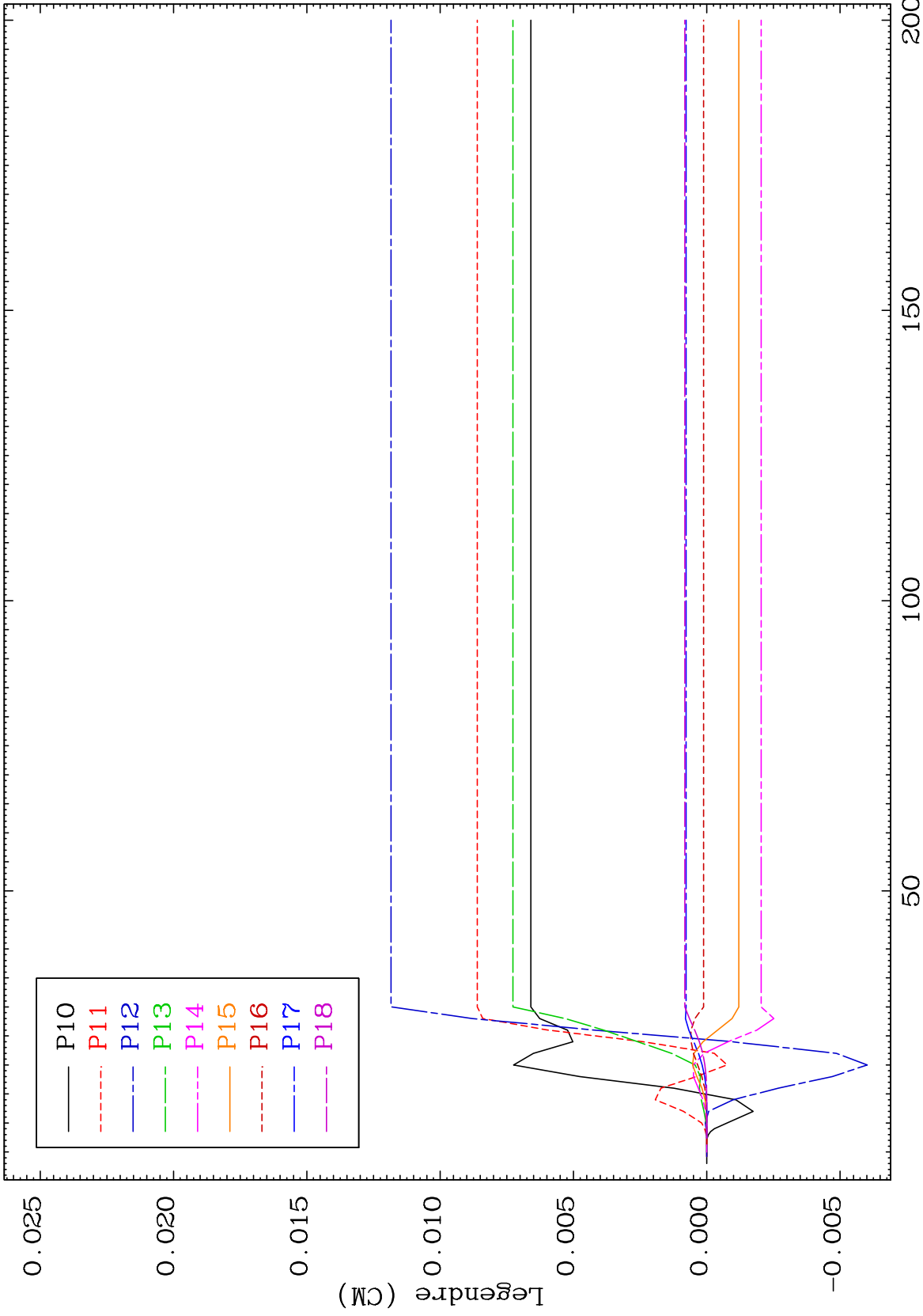
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



93

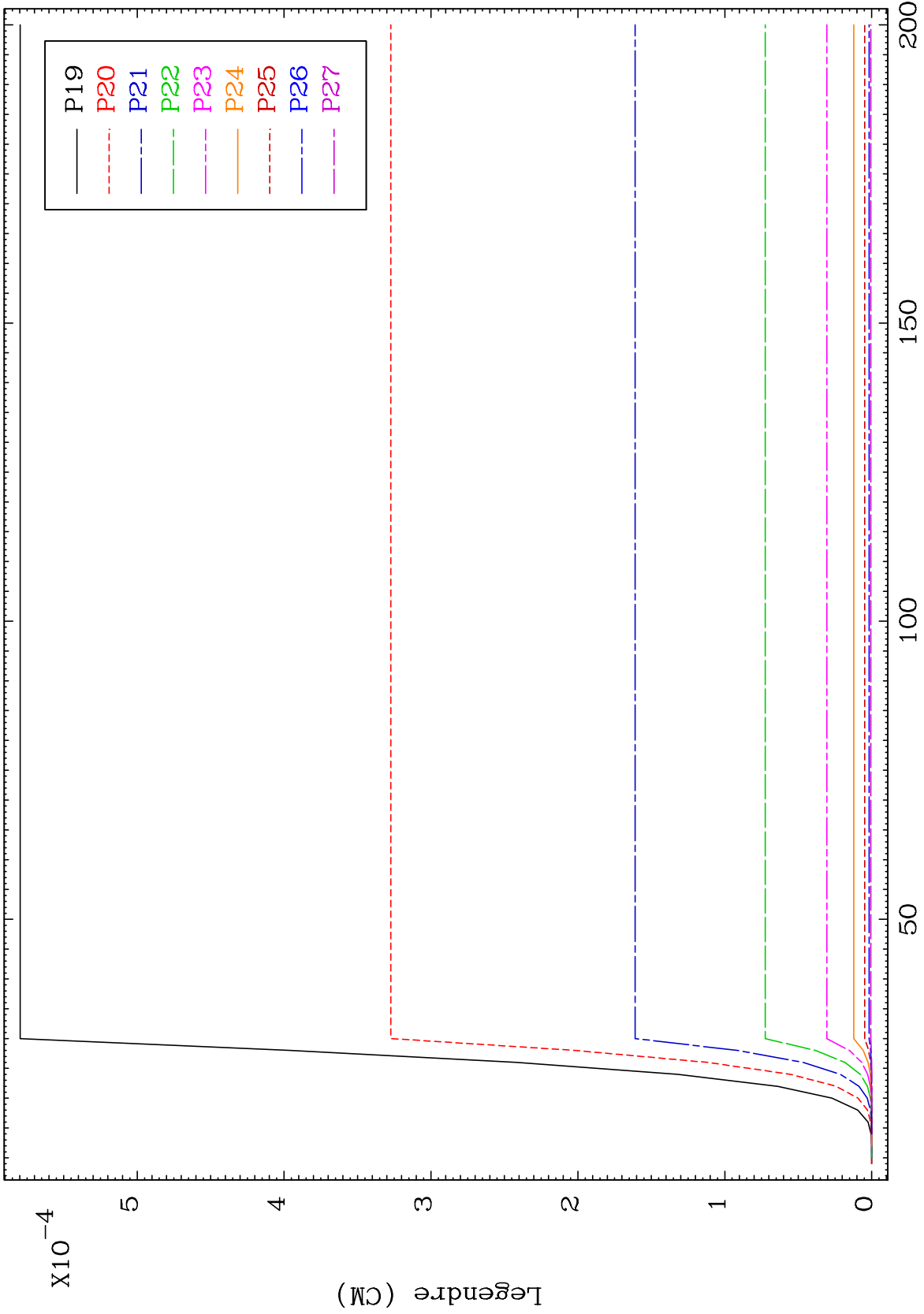
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



94

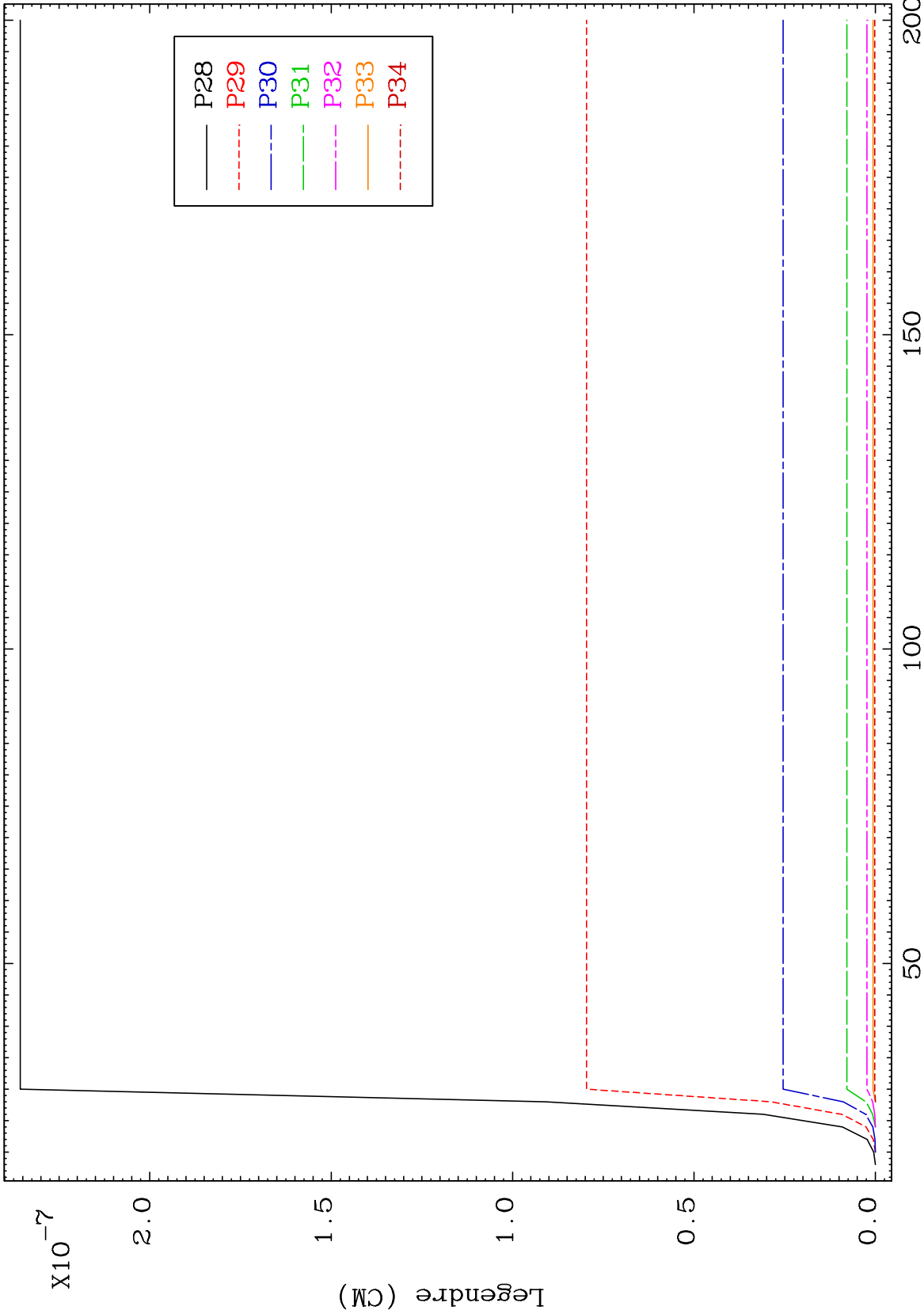
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



95

Incident Energy (MeV)

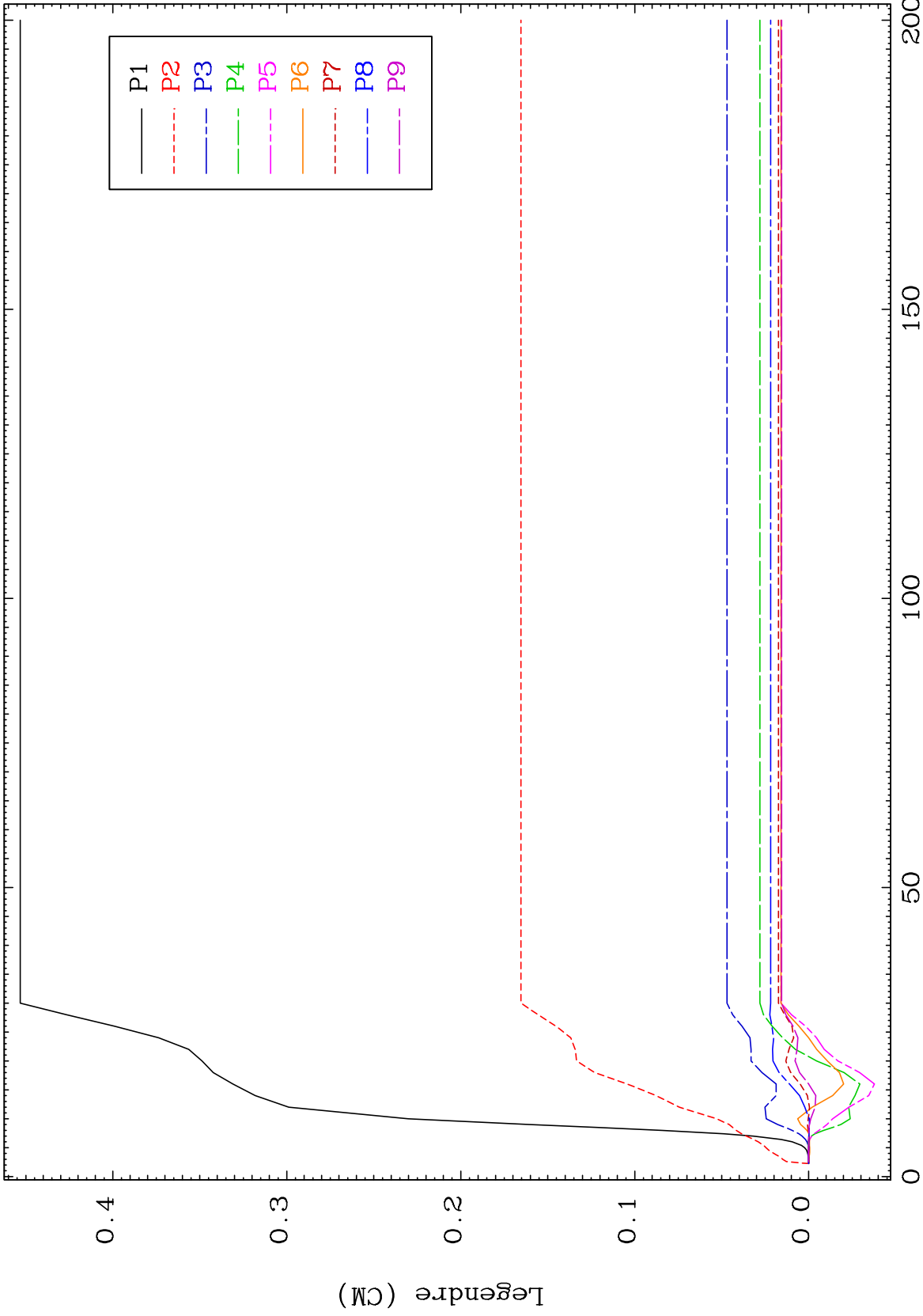
37-Rb-89



MAT 3737

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

37-Rb-89



96

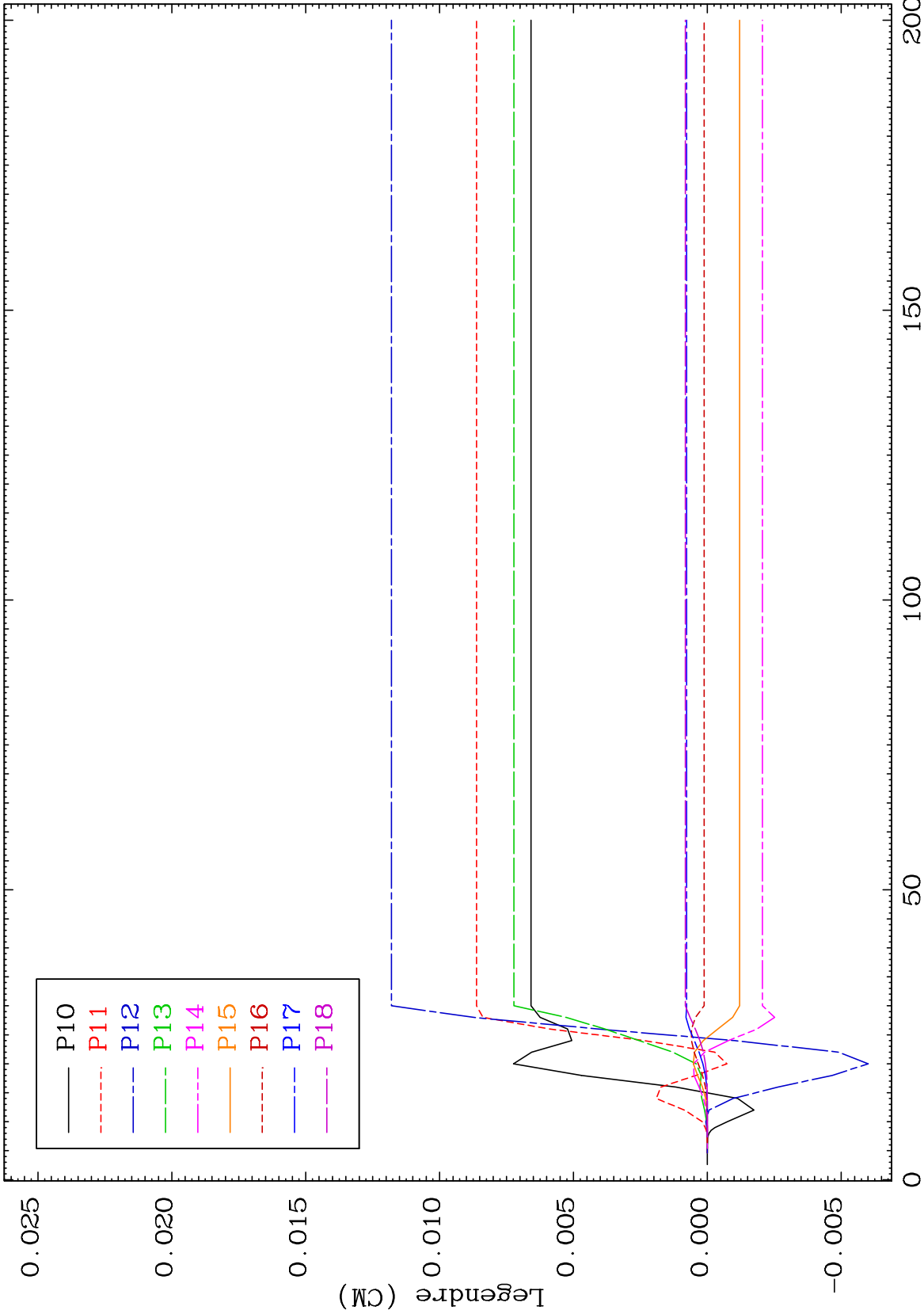
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



97

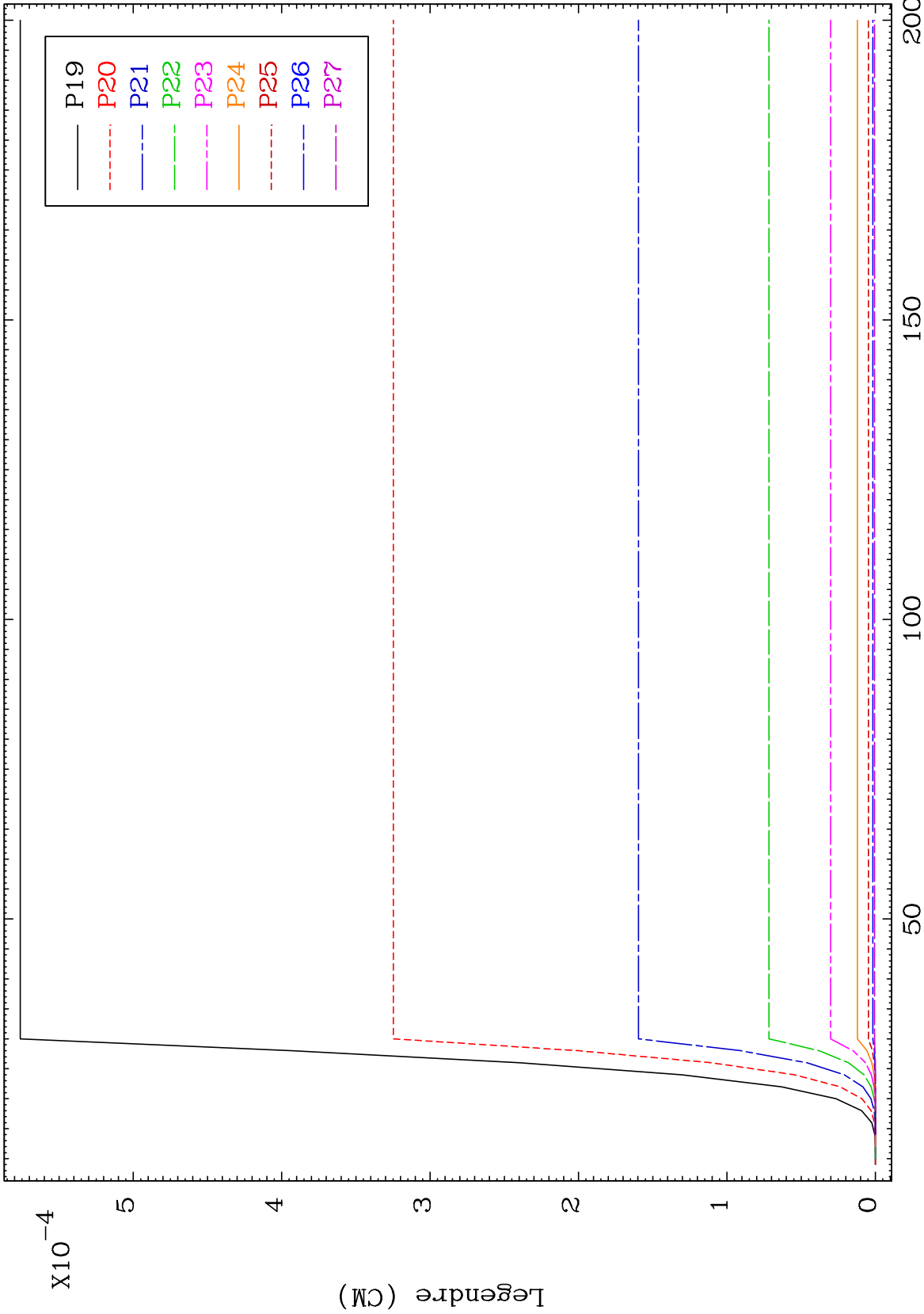
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



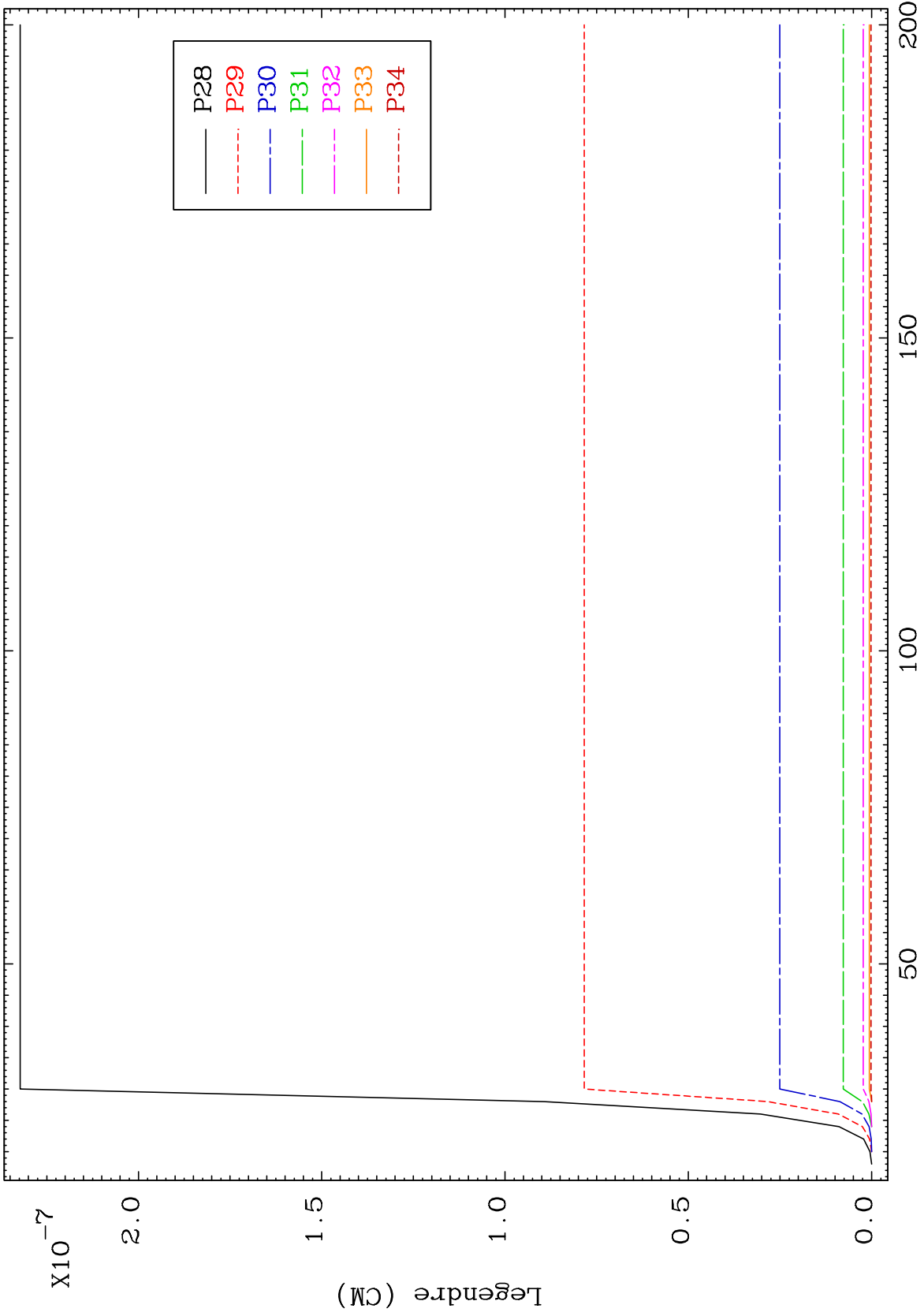
98

37-Rb-89

MAT 3737

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

37-Rb-89



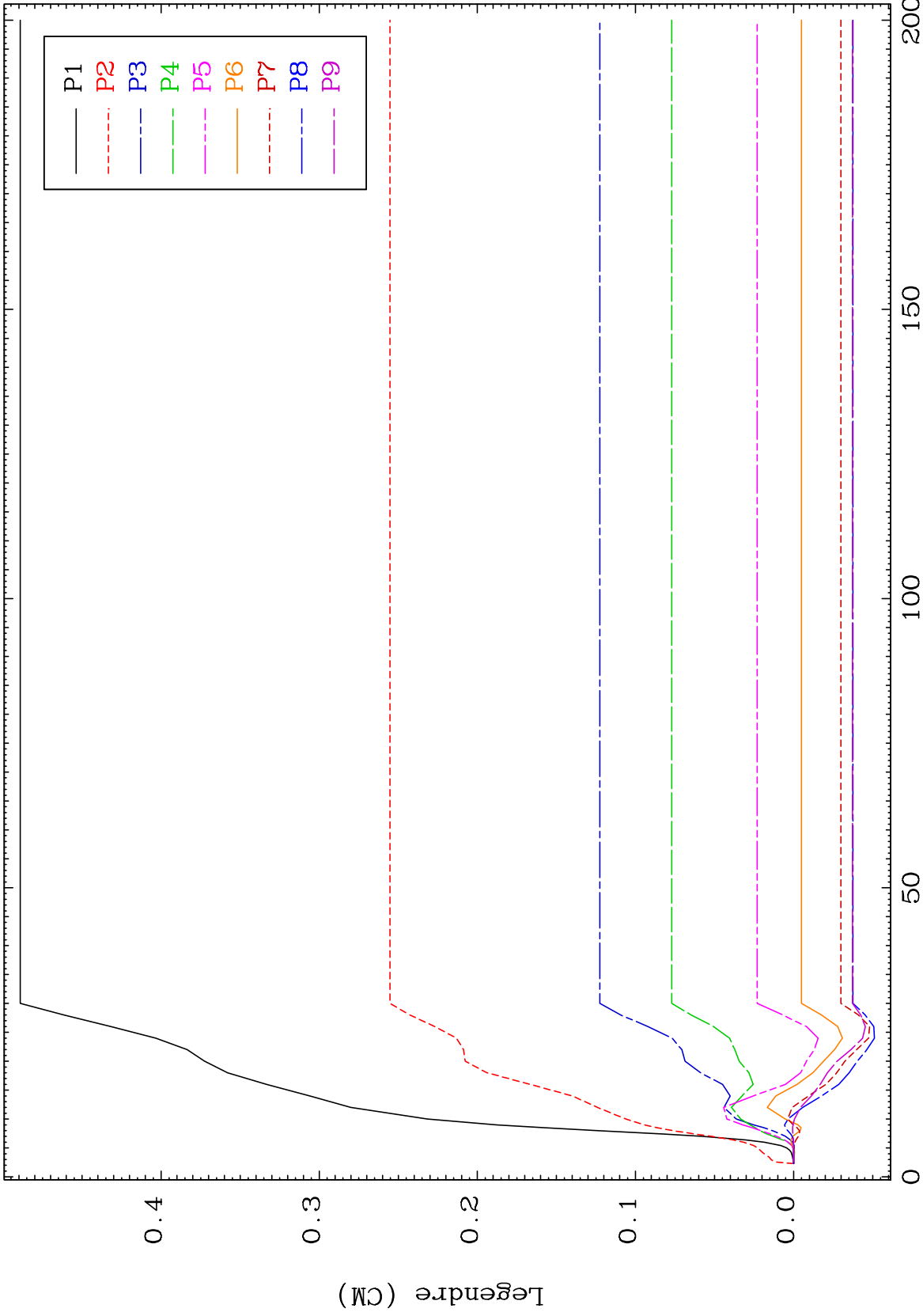
99

37-Rb-89

MAT 3737

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

37-Rb-89



37-Rb-89

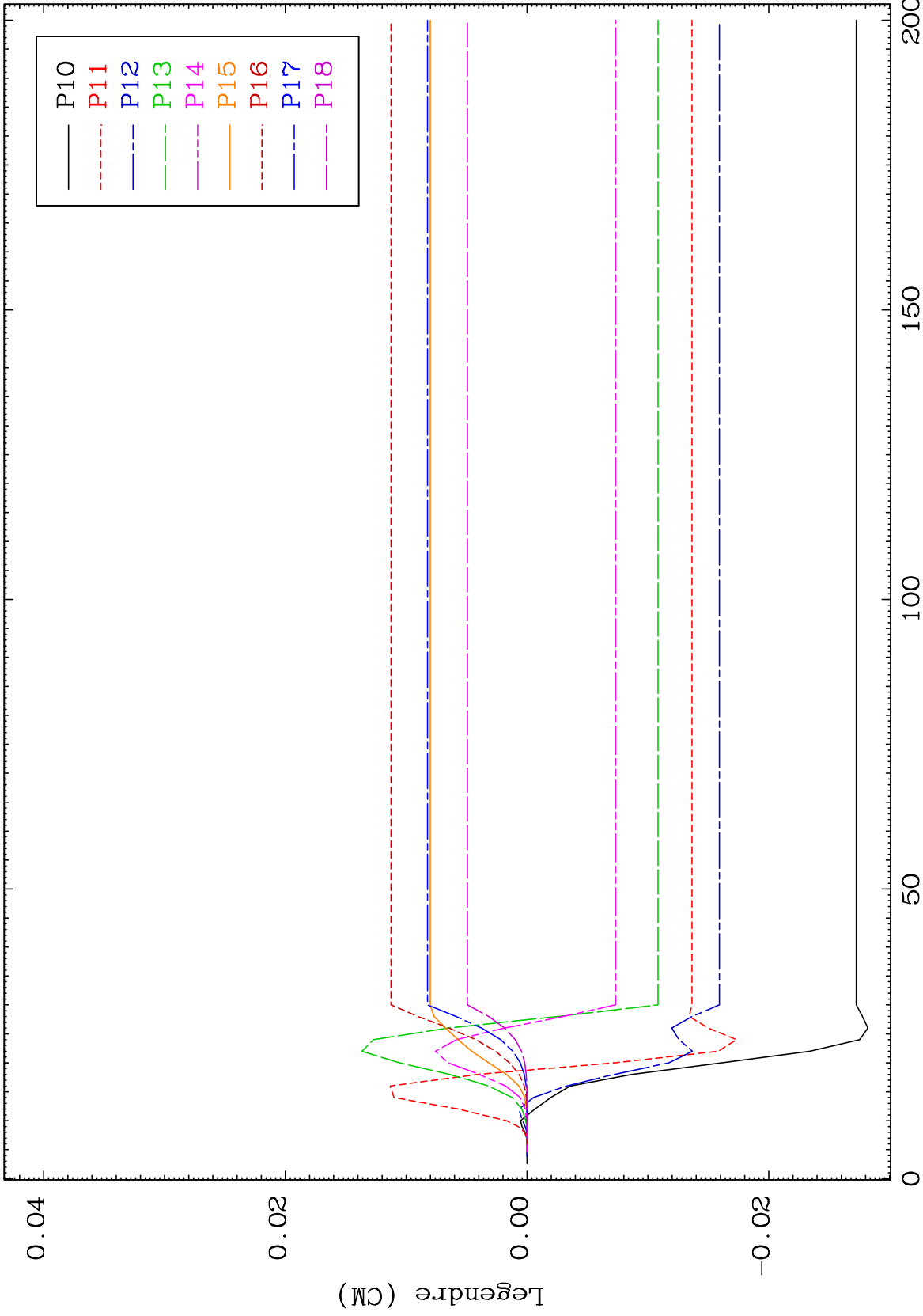
Incident Energy (MeV)

100

MAT 3737

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

37-Rb-89



101

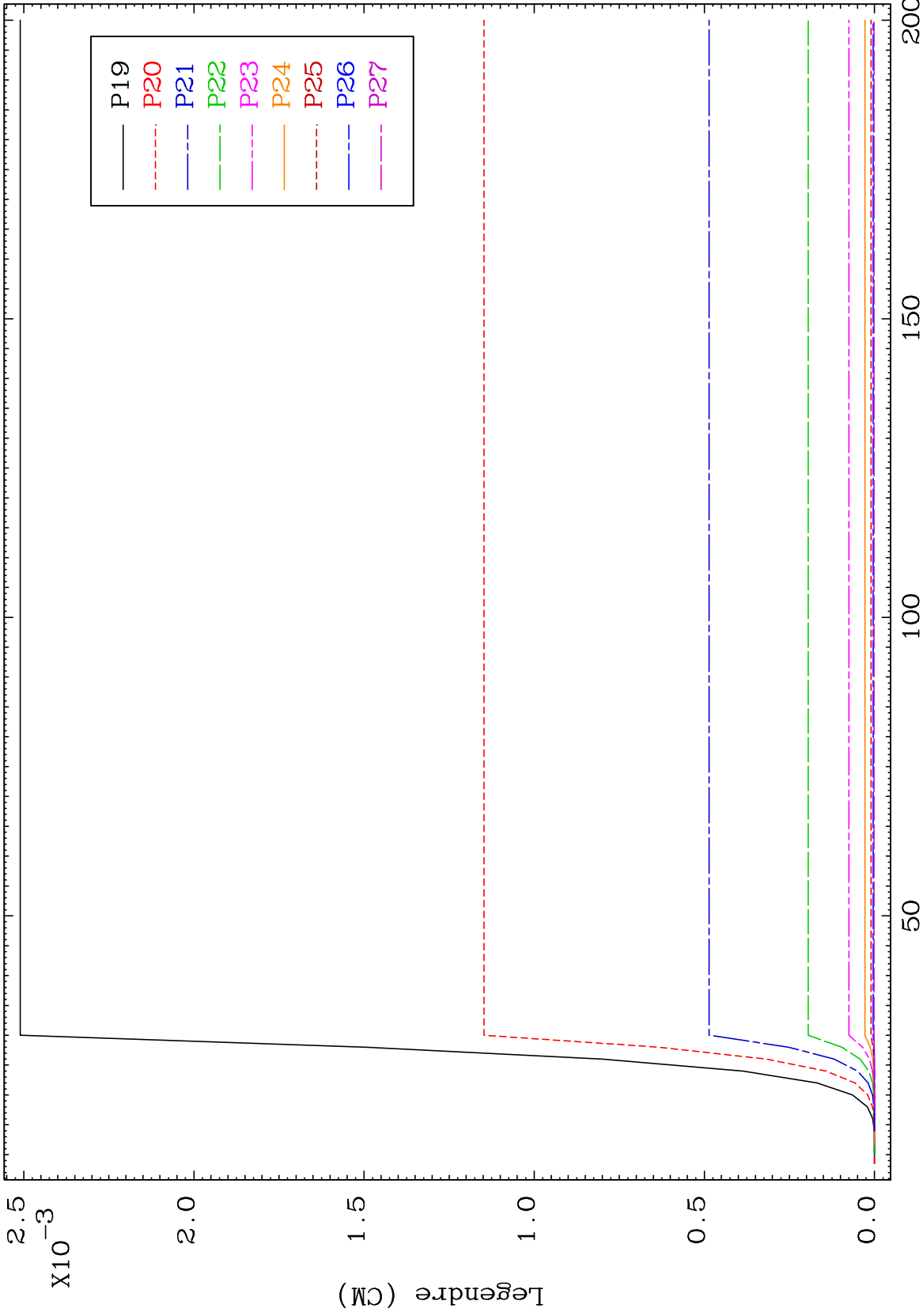
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



102

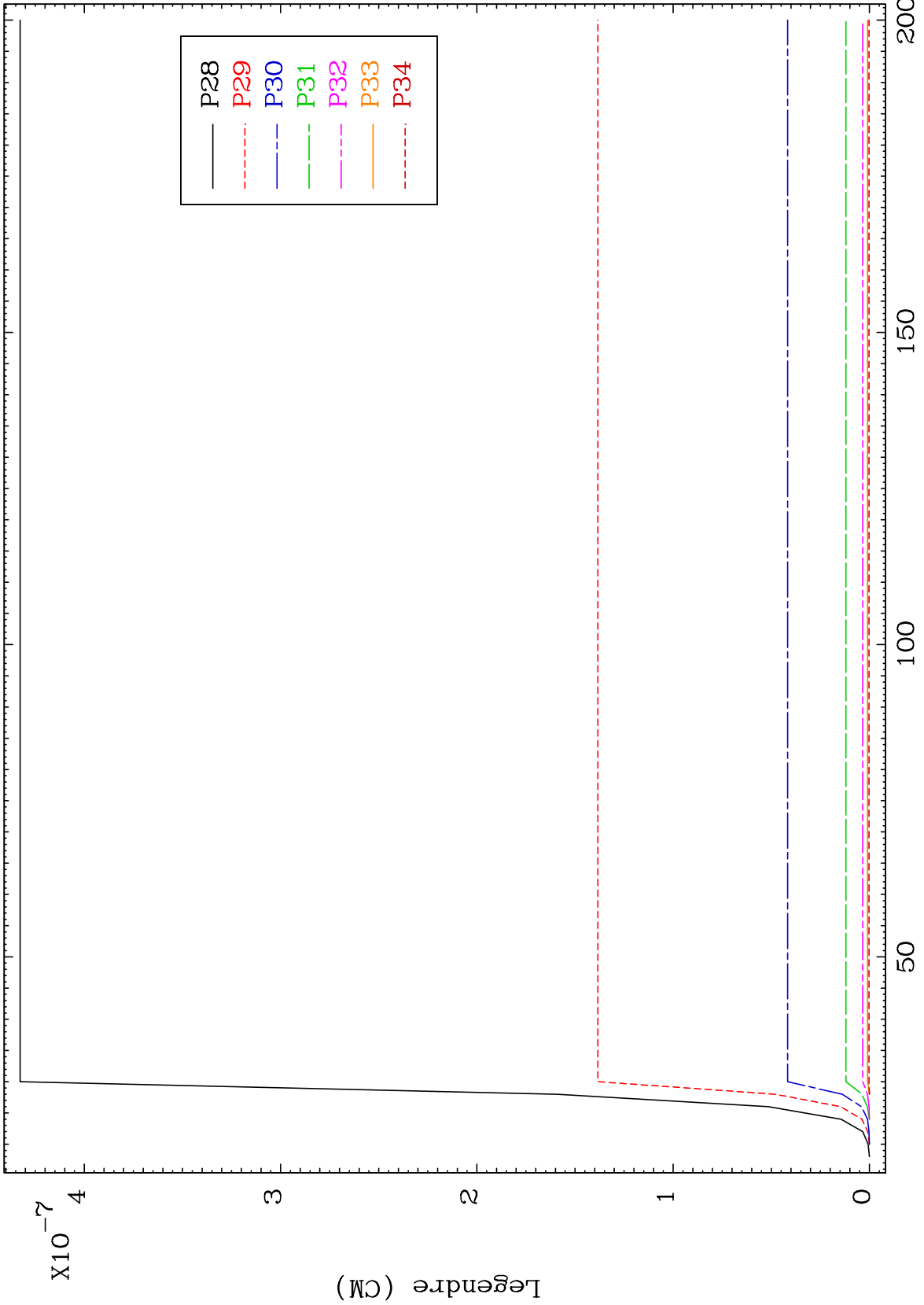
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



103

Incident Energy (MeV)

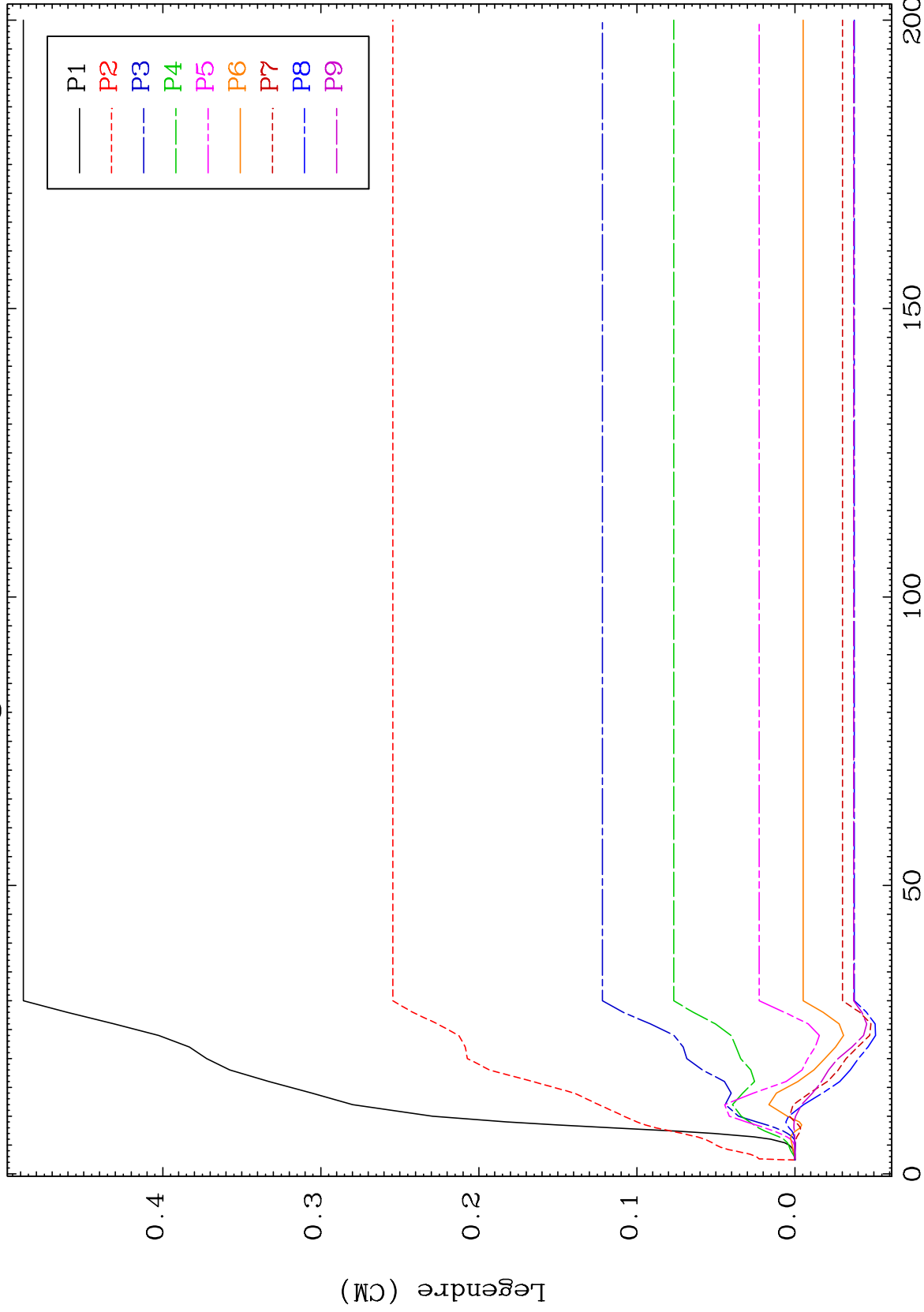
37-Rb-89



MAT 3737

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

37-Rb-89



104

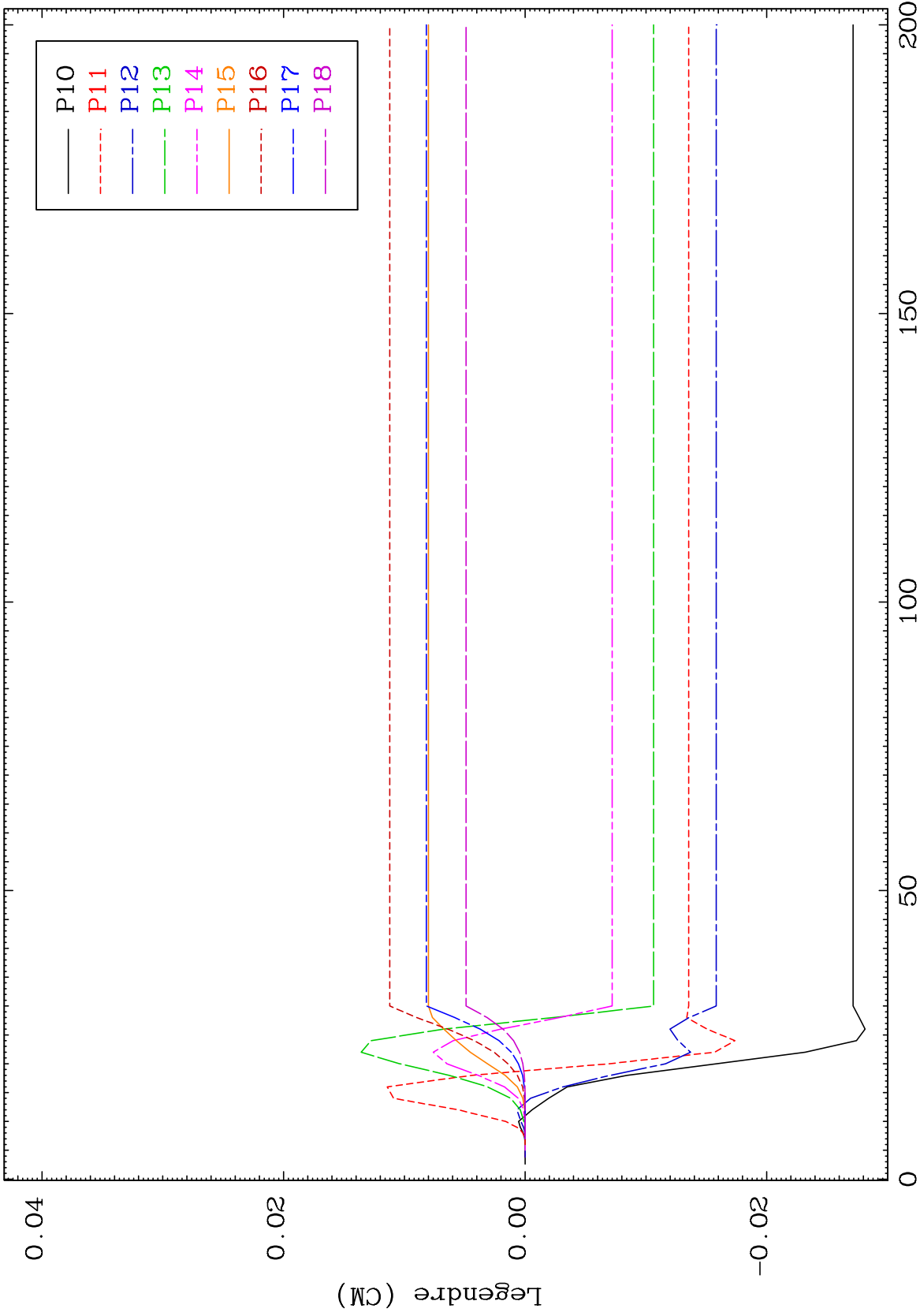
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



105

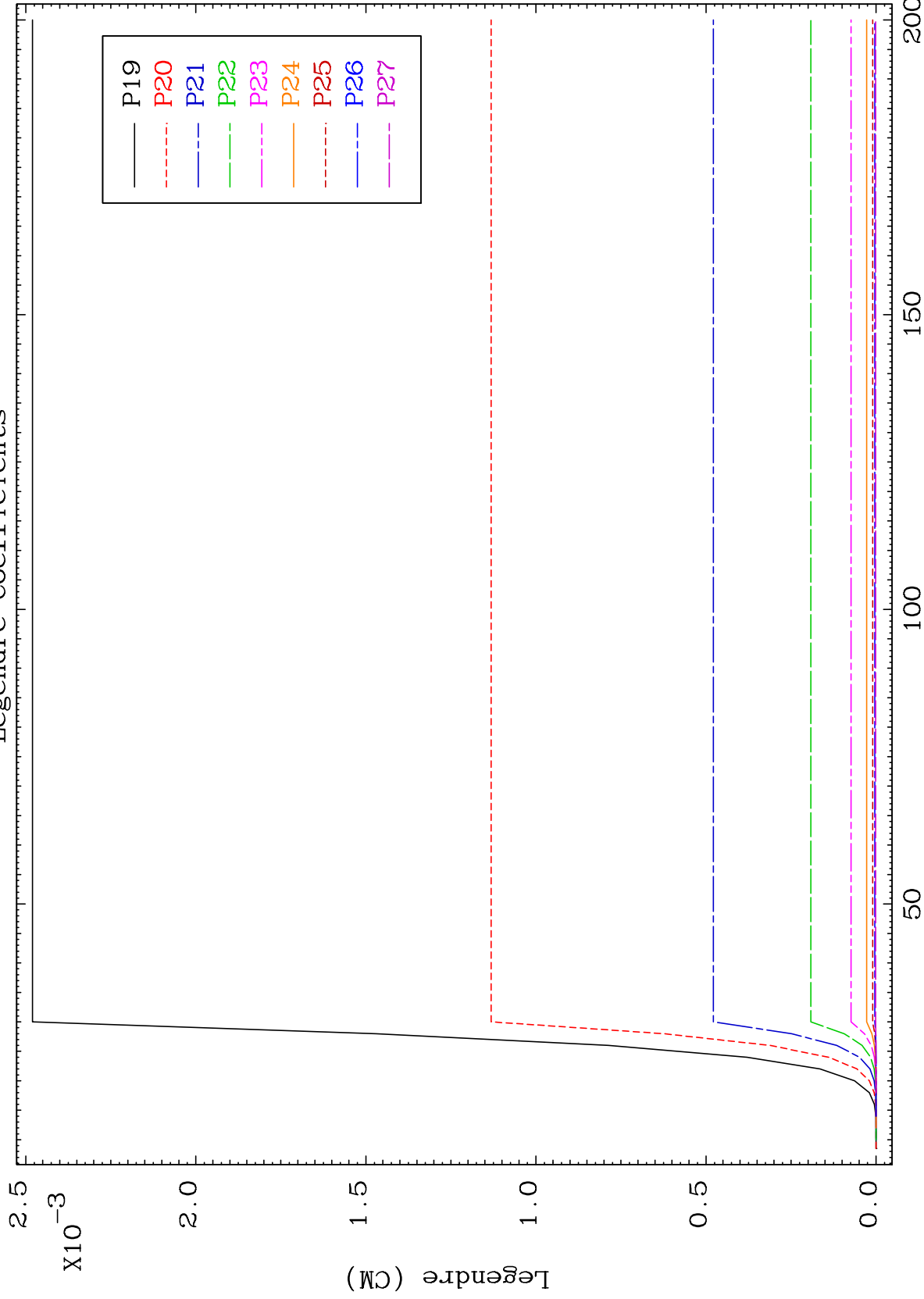
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



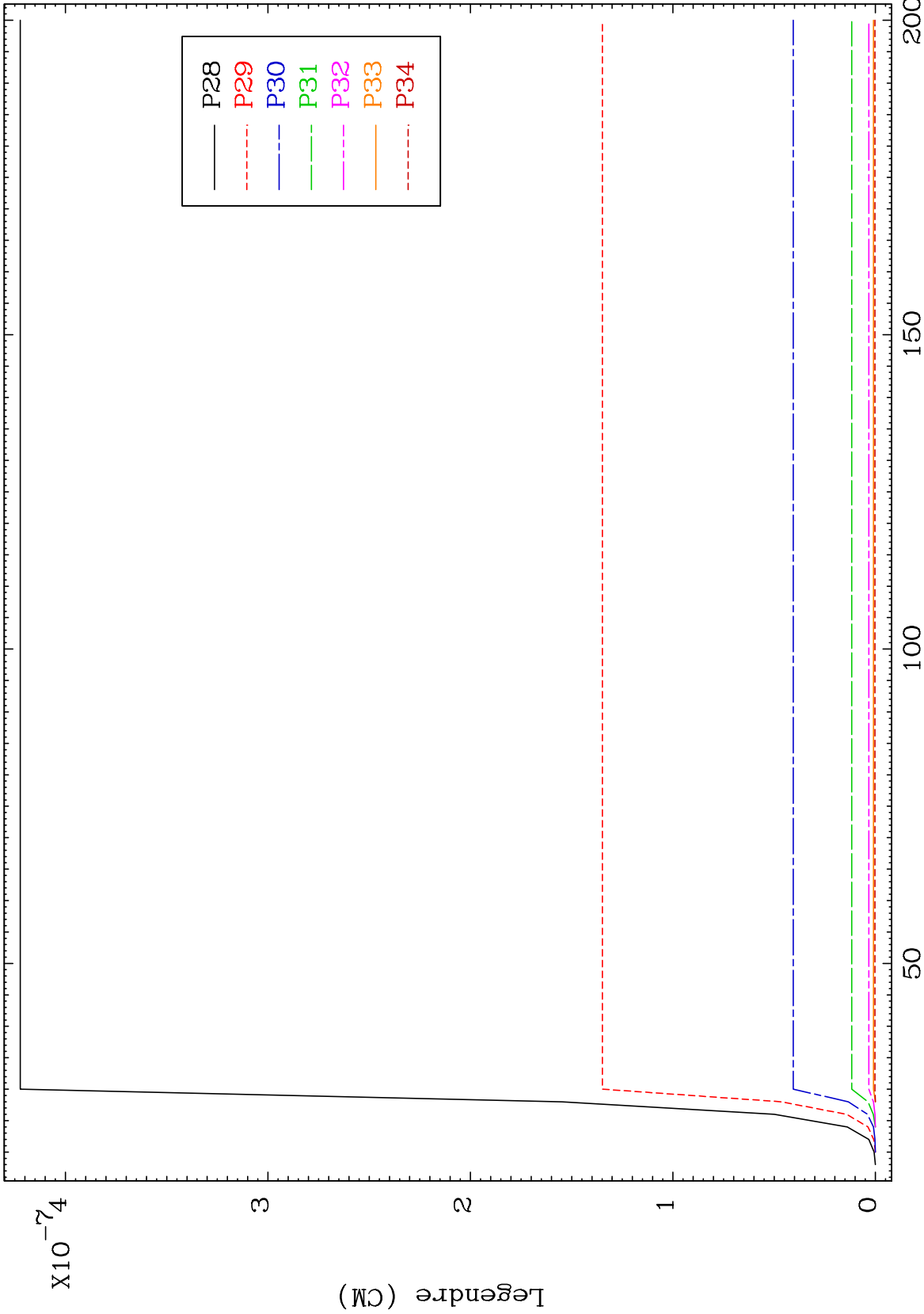
106

37-Rb-89

MAT 3737

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

37-Rb-89



107

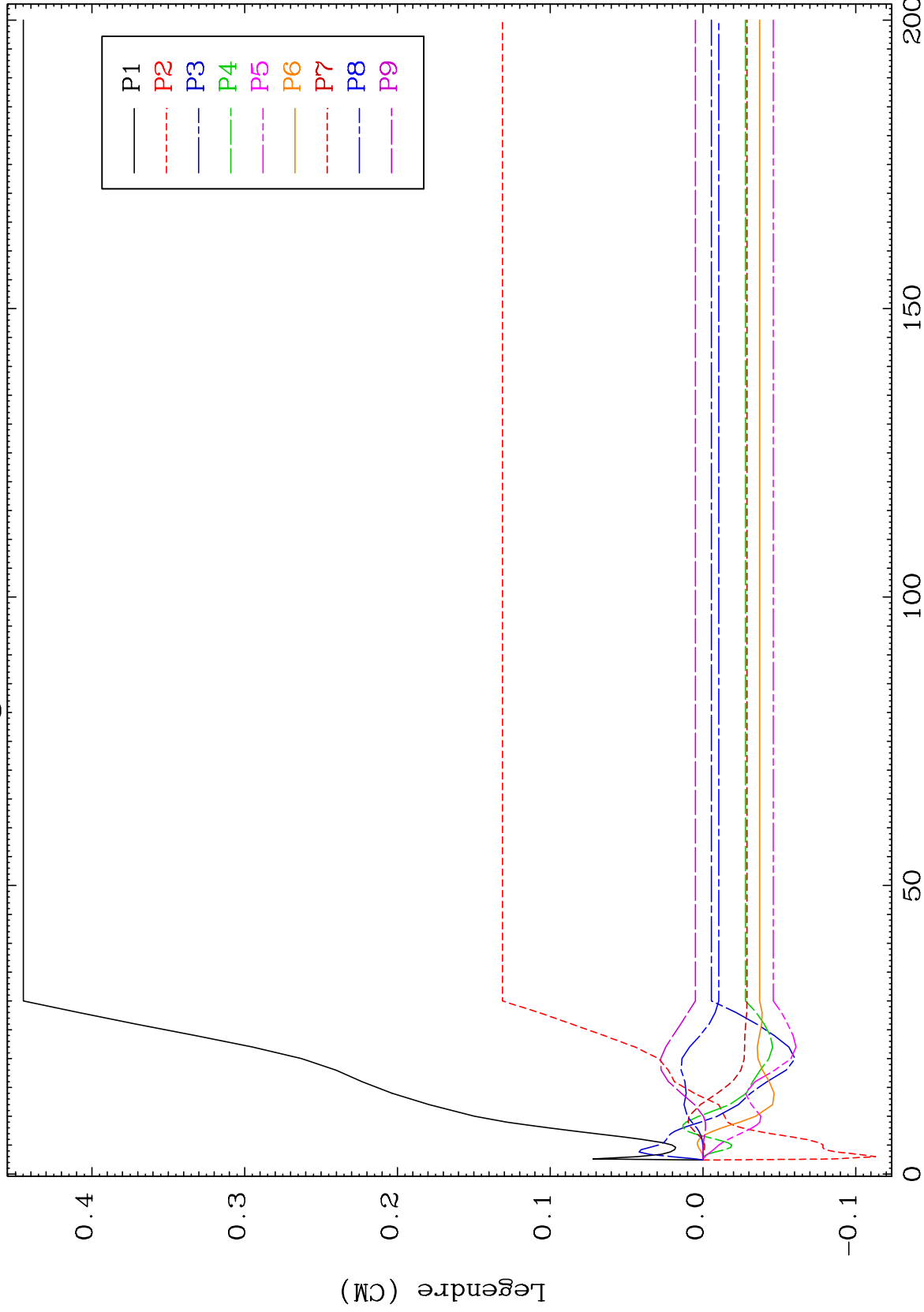
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



108

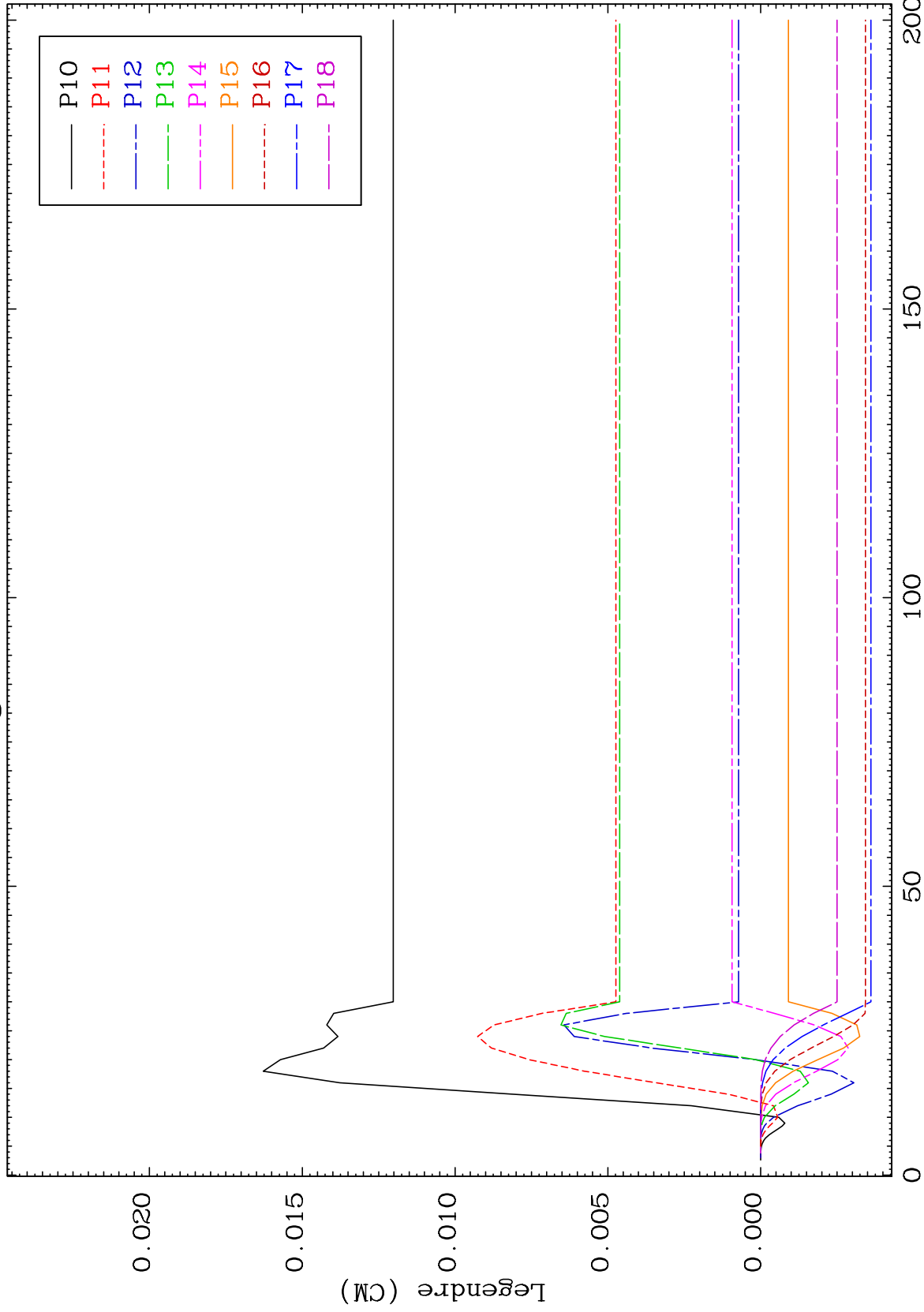
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



109

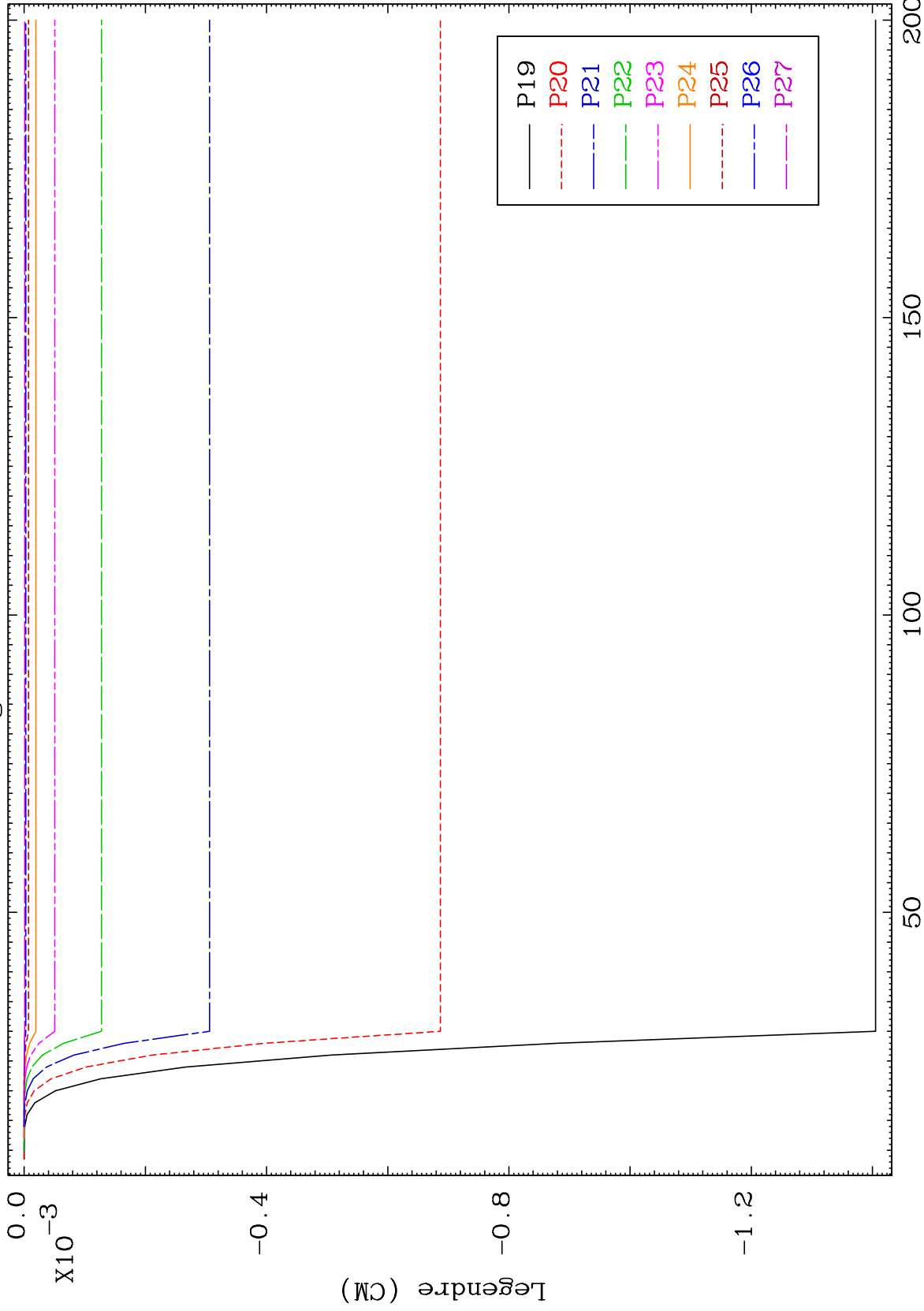
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



110

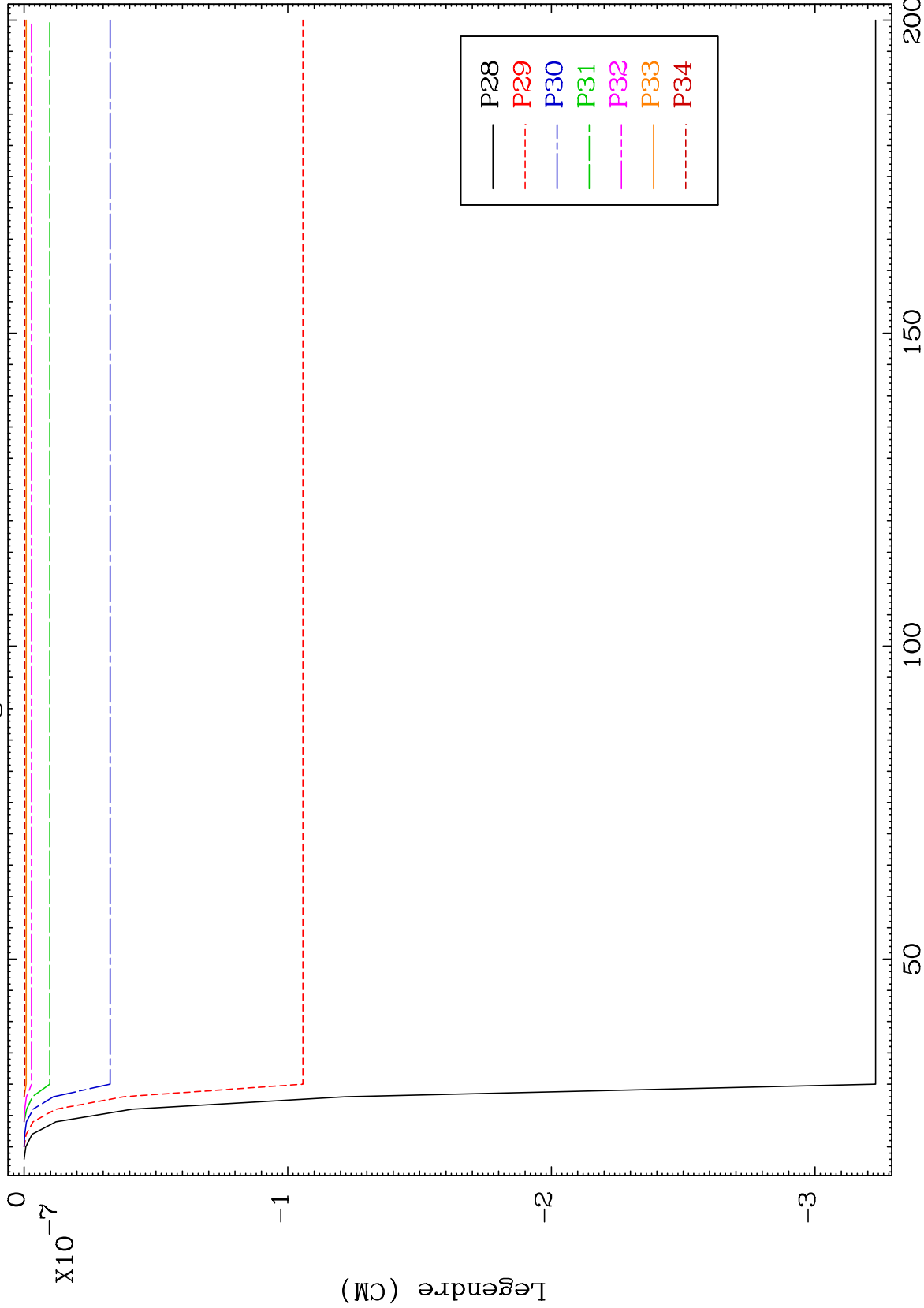
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



111

Incident Energy (MeV)

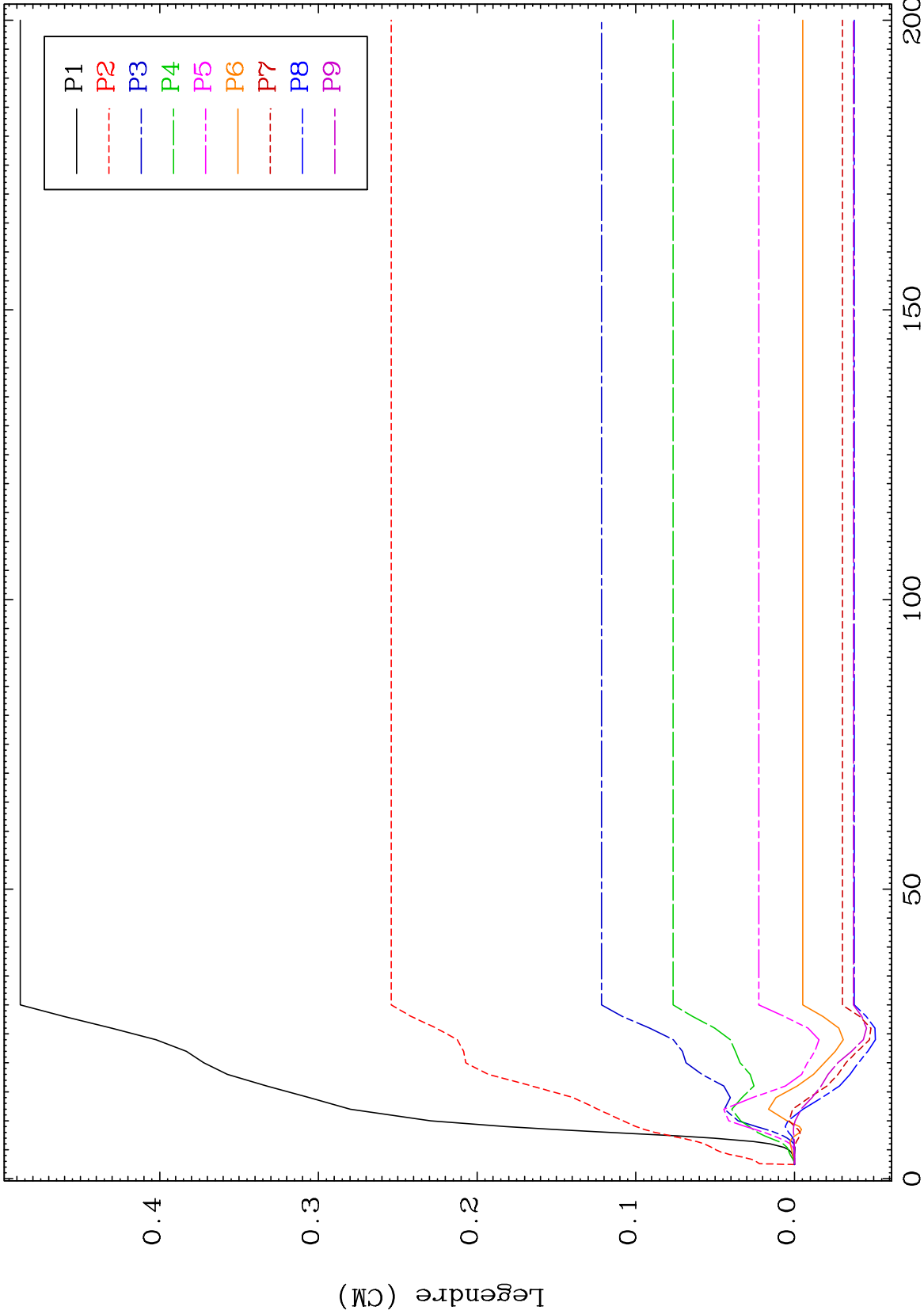
37-Rb-89



MAT 3737

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

37-Rb-89



112

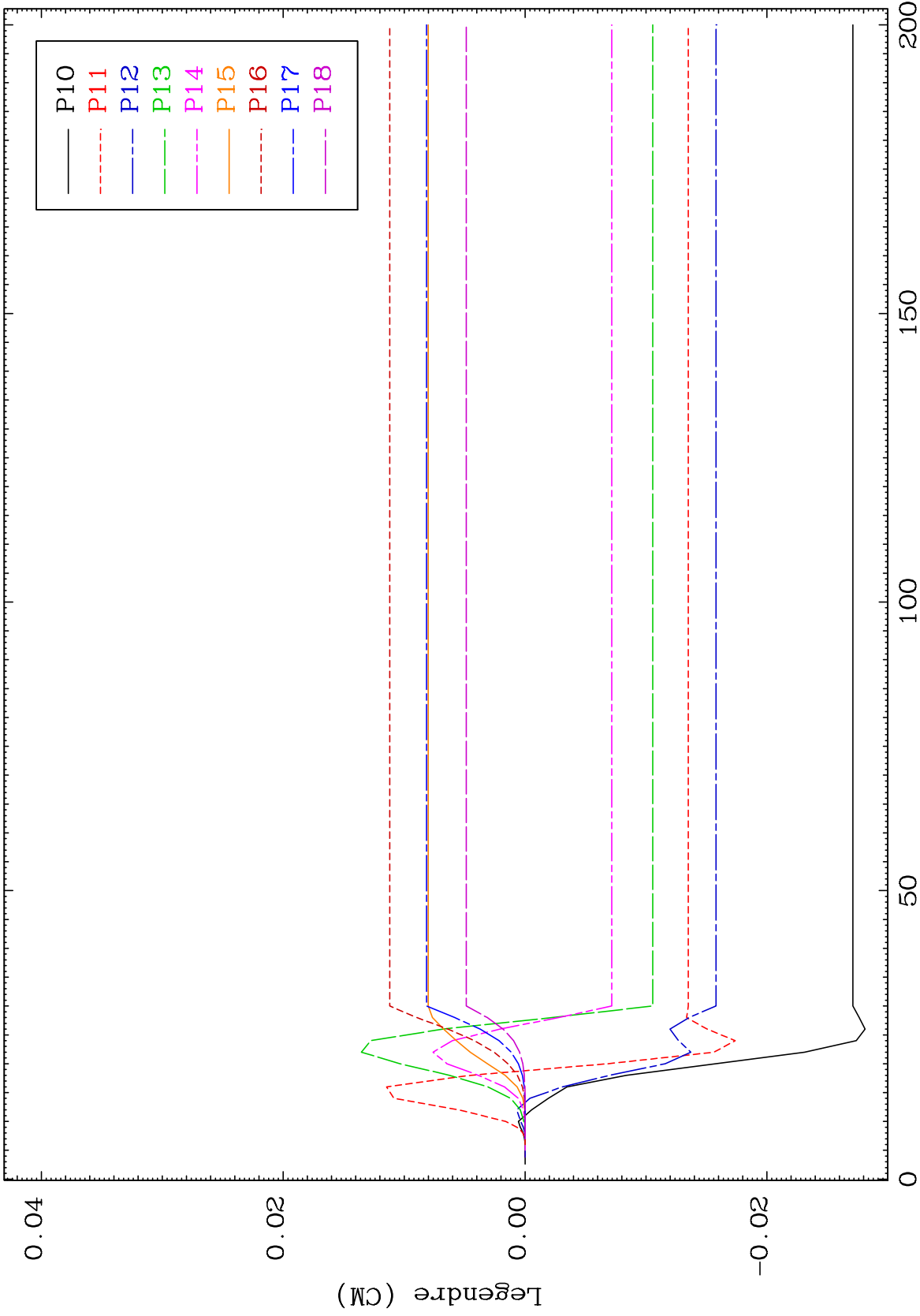
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



113

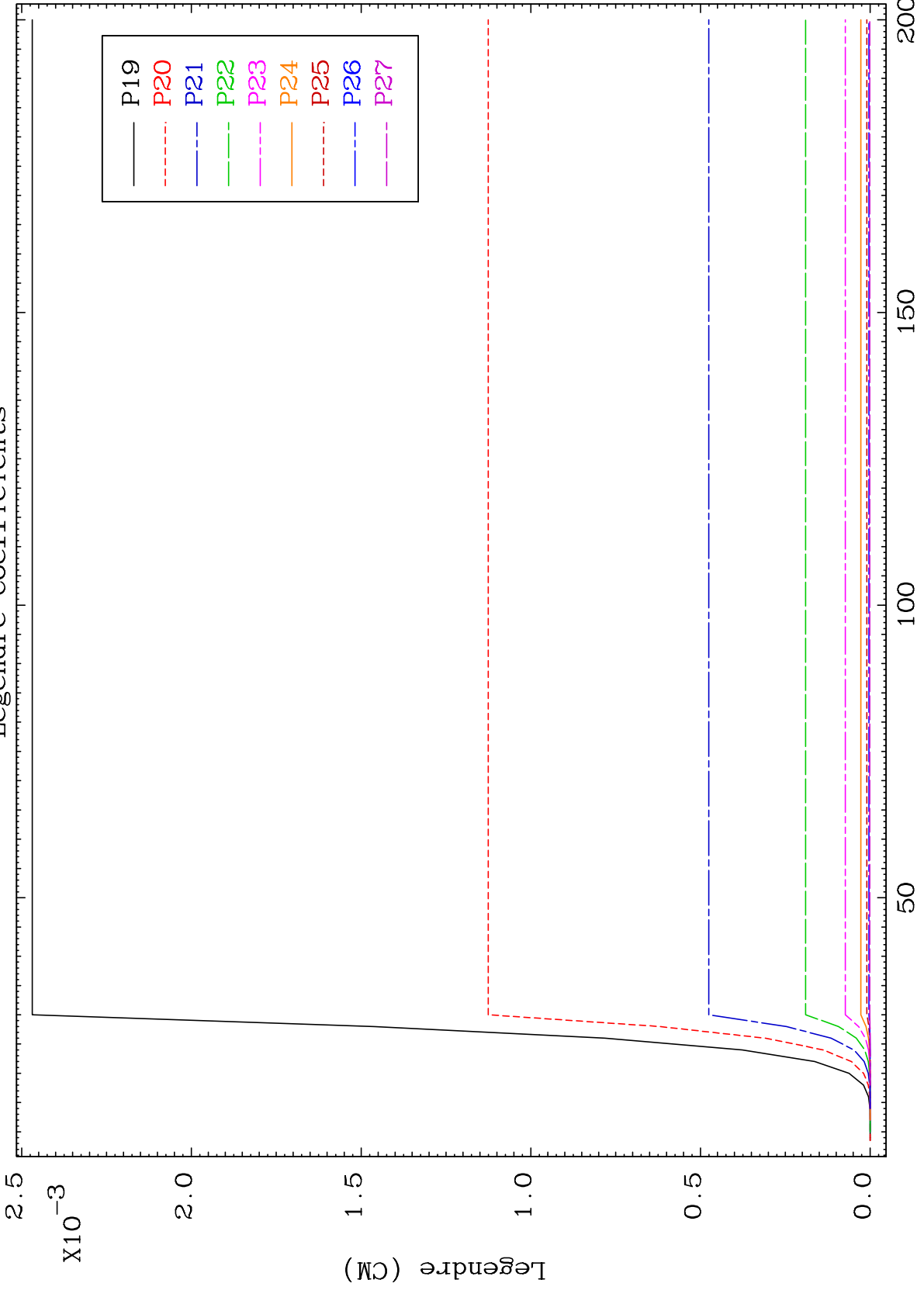
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



114

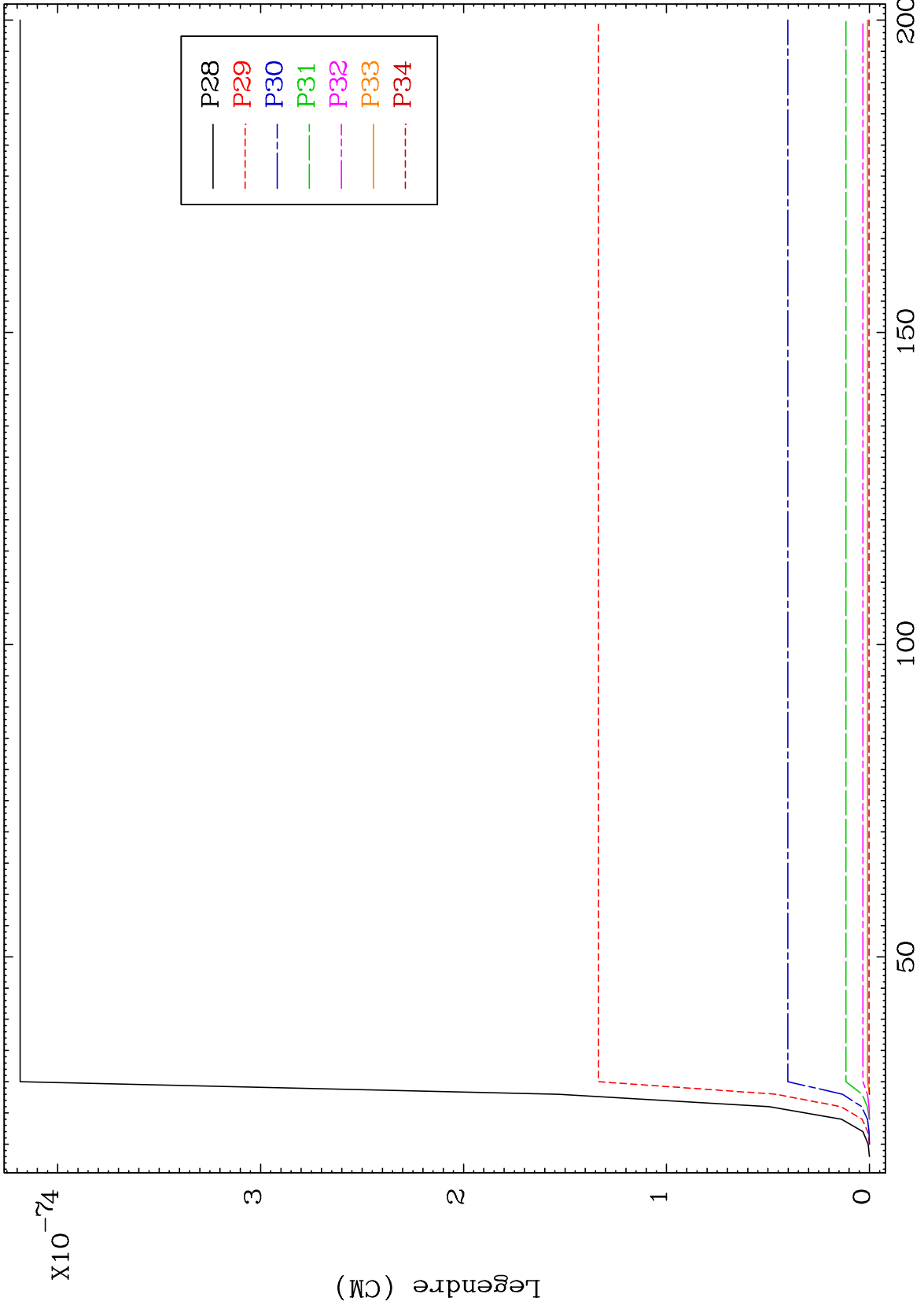
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



115

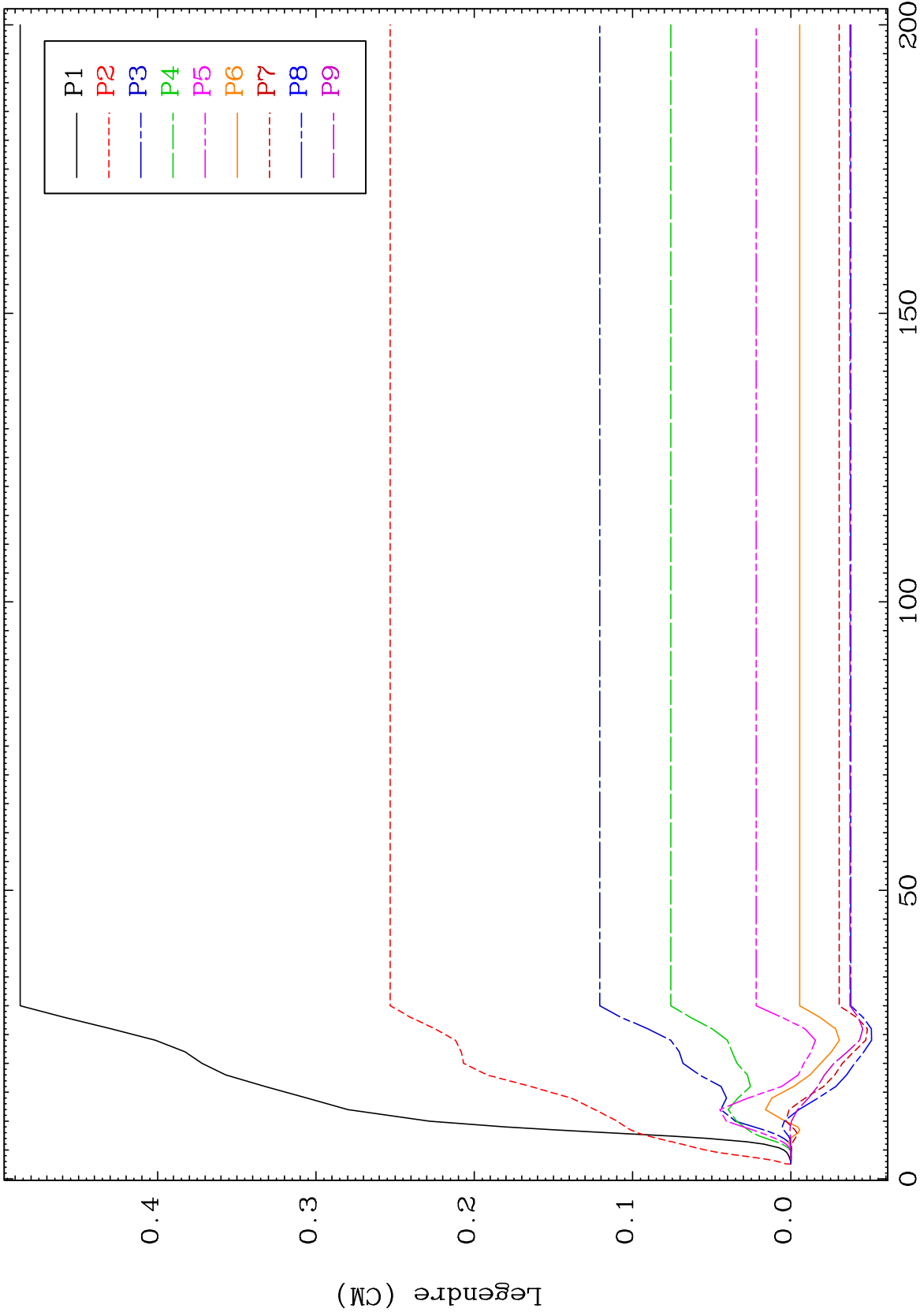
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



116

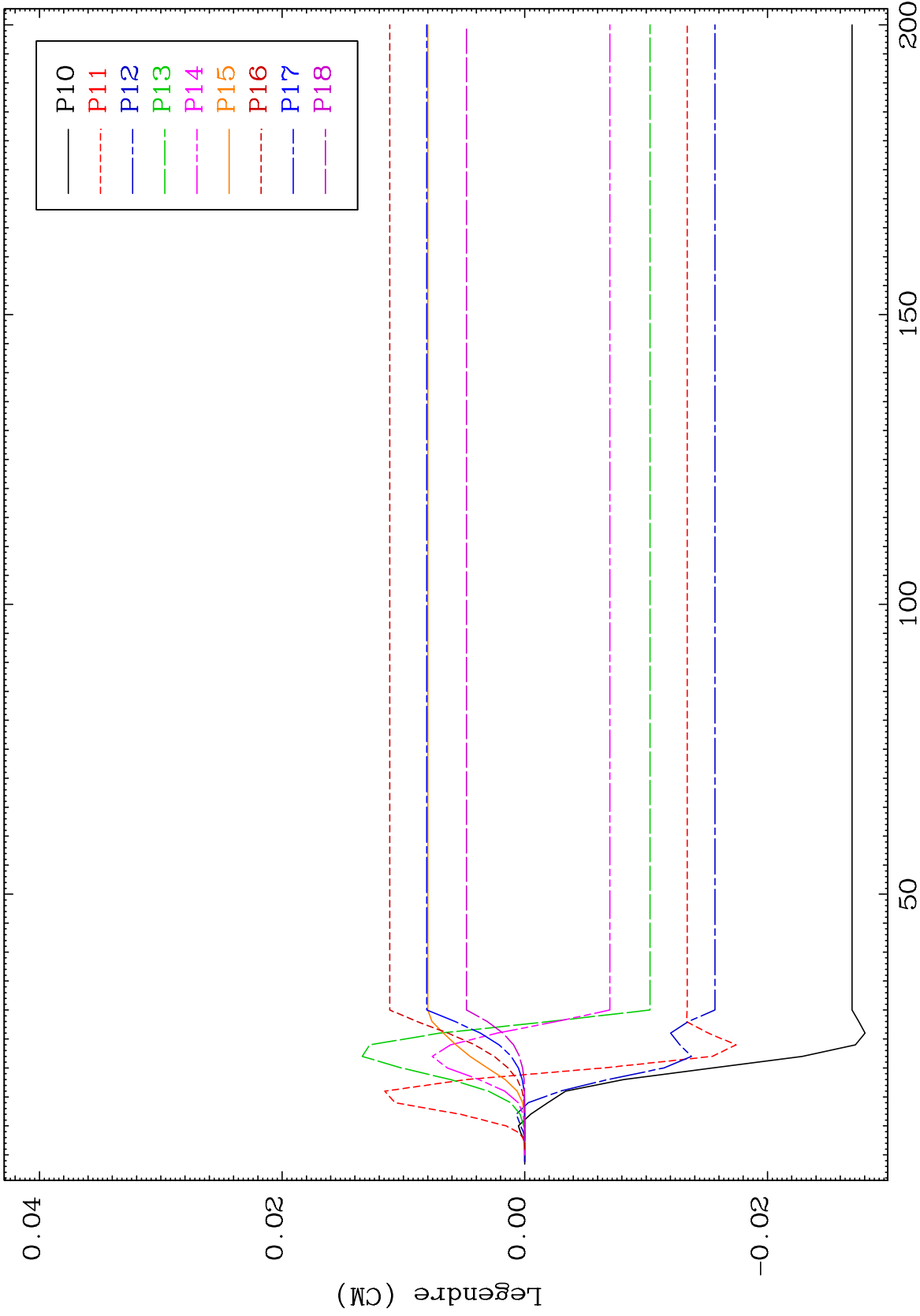
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

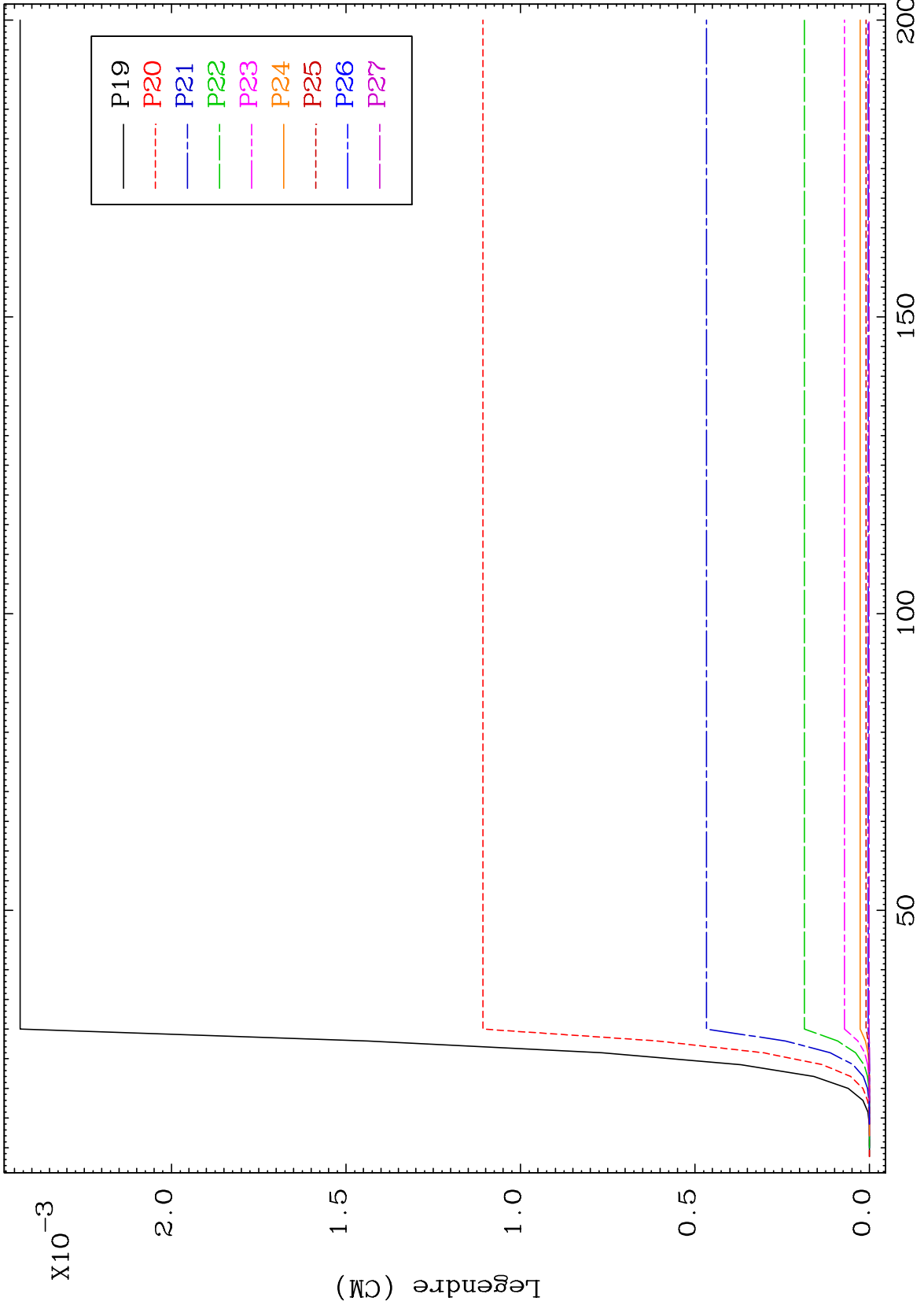
37-Rb-89



117

Incident Energy (MeV)

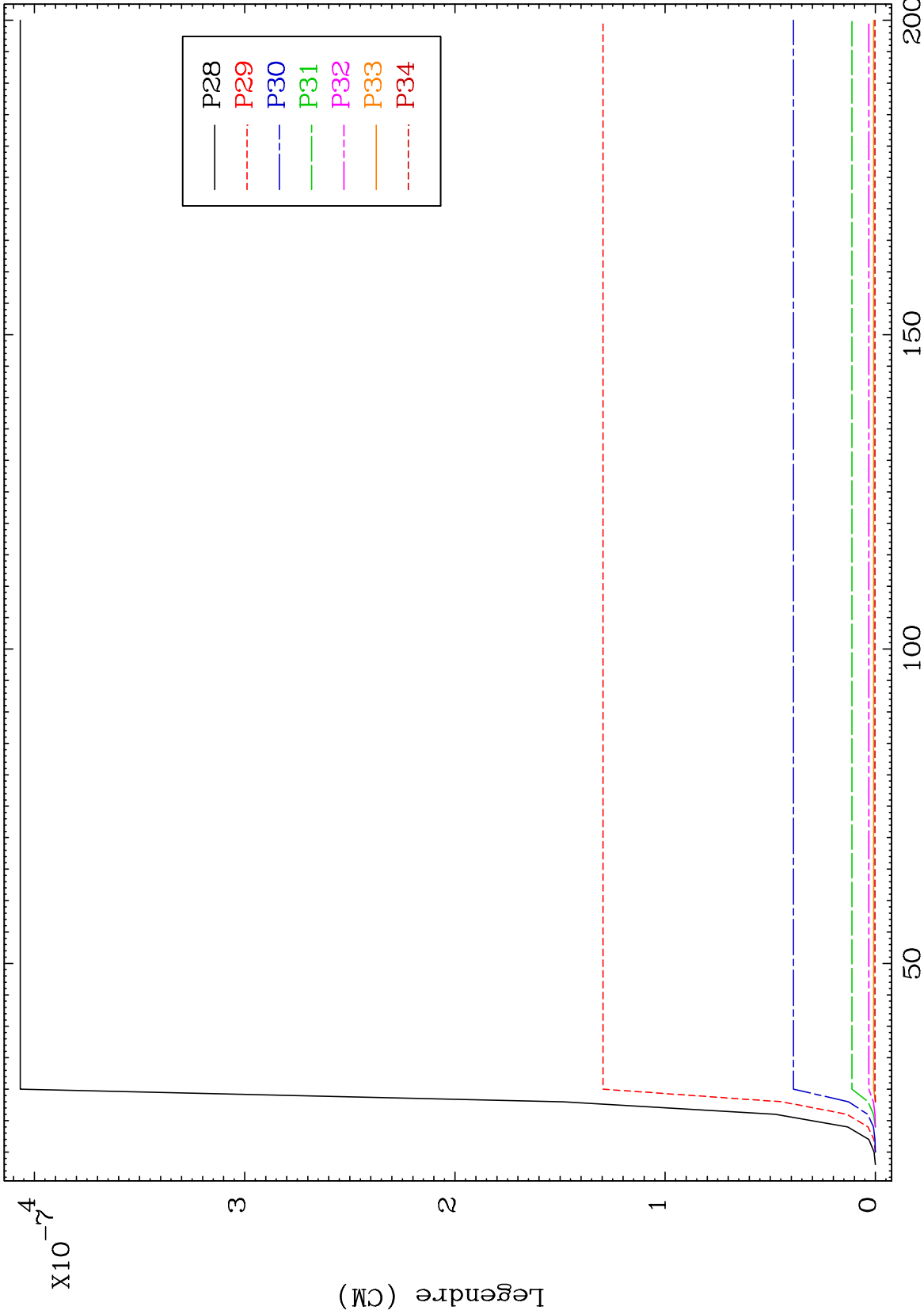
37-Rb-89



MAT 3737

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

37-Rb-89



119

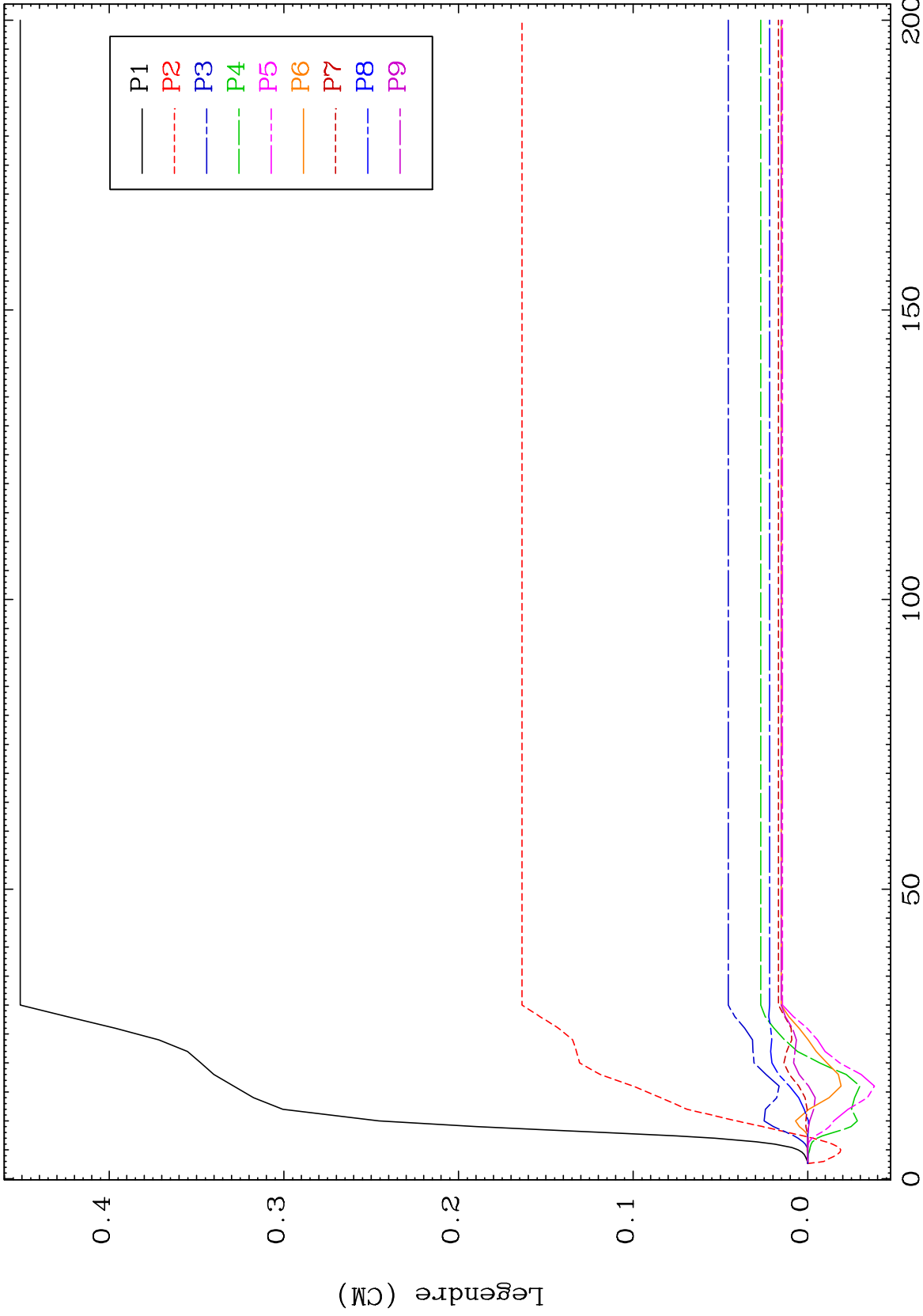
37-Rb-89



MAT 3737

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

37-Rb-89

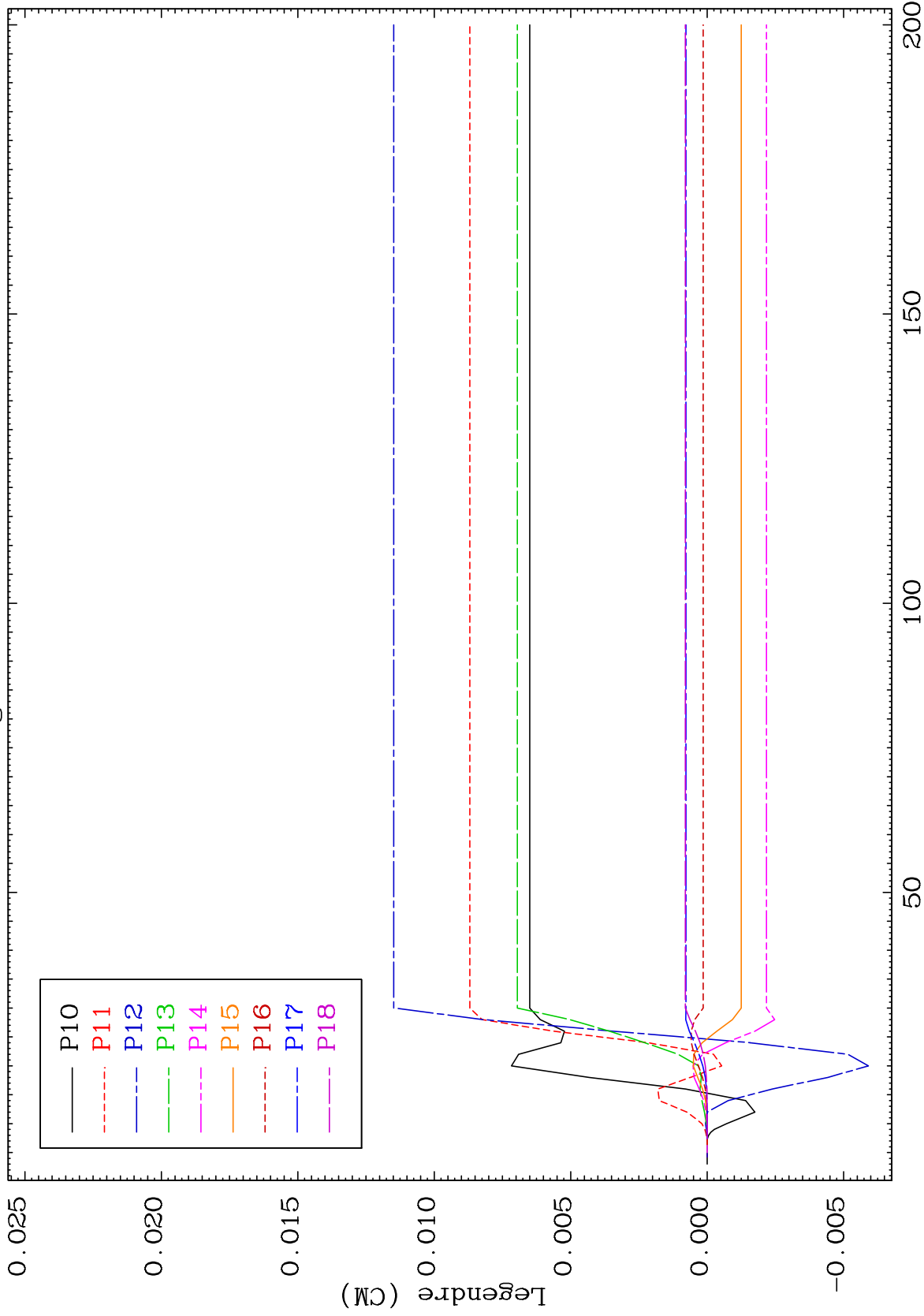


37-Rb-89

MAT 3737

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

37-Rb-89



121

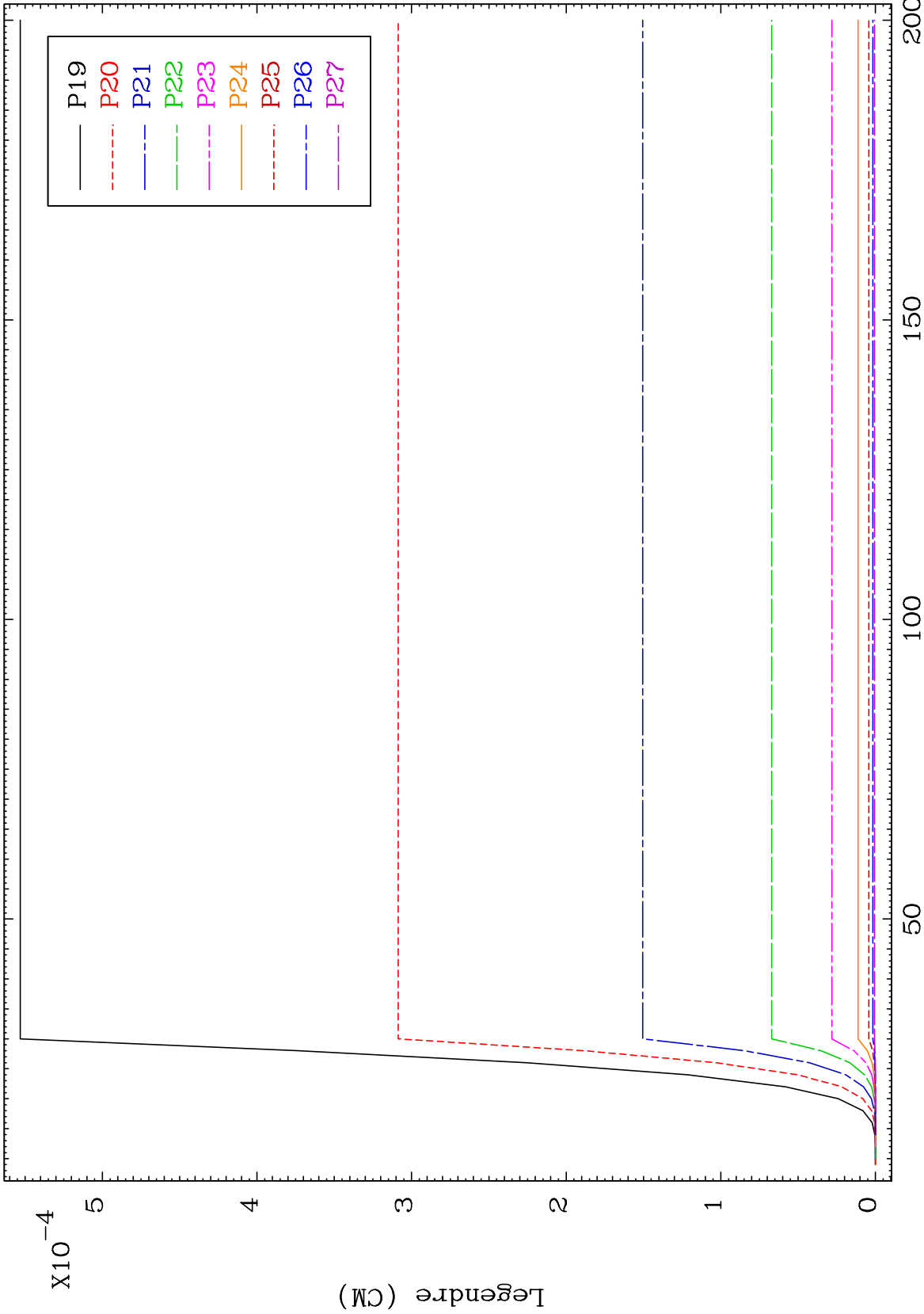
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



122

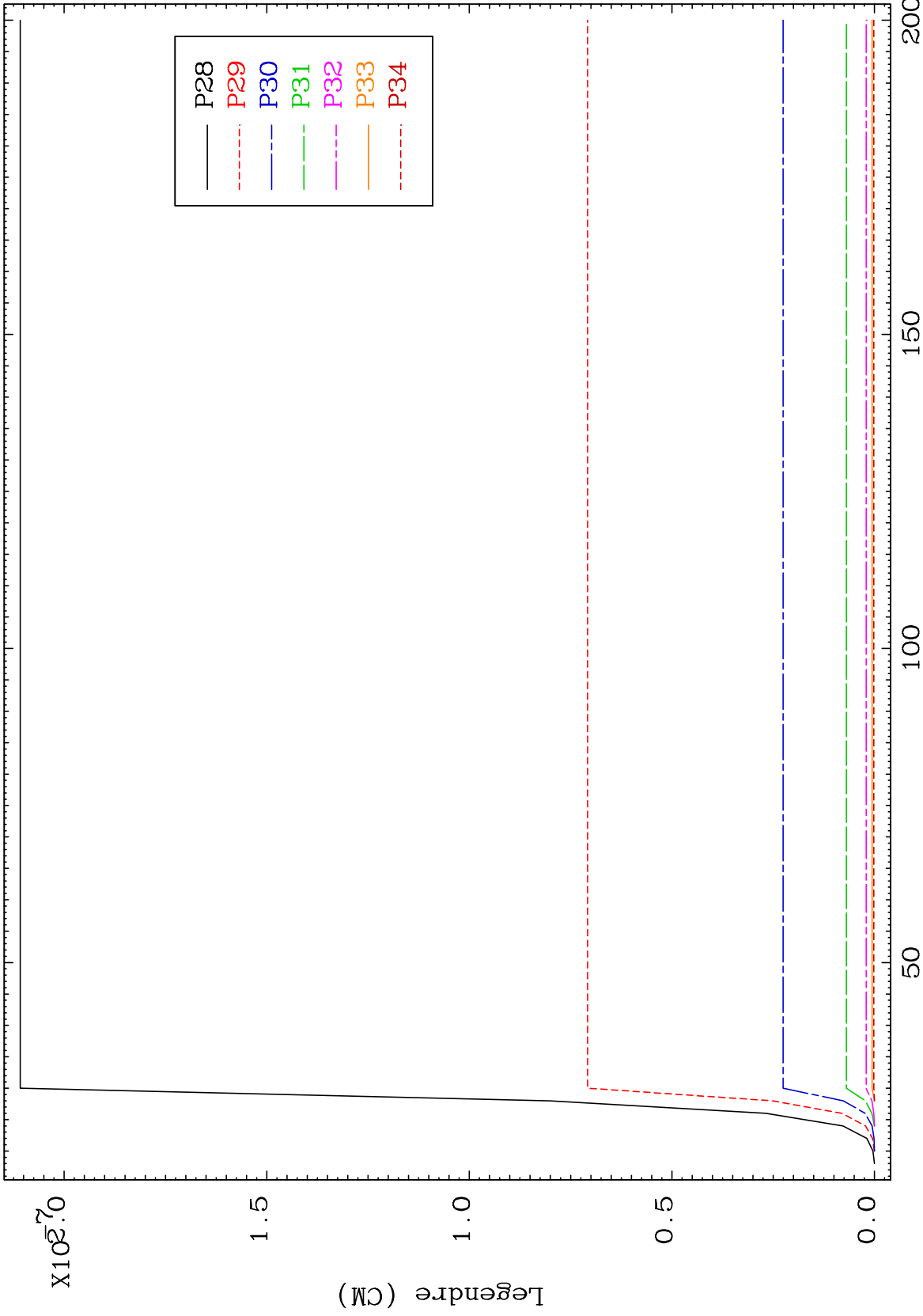
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



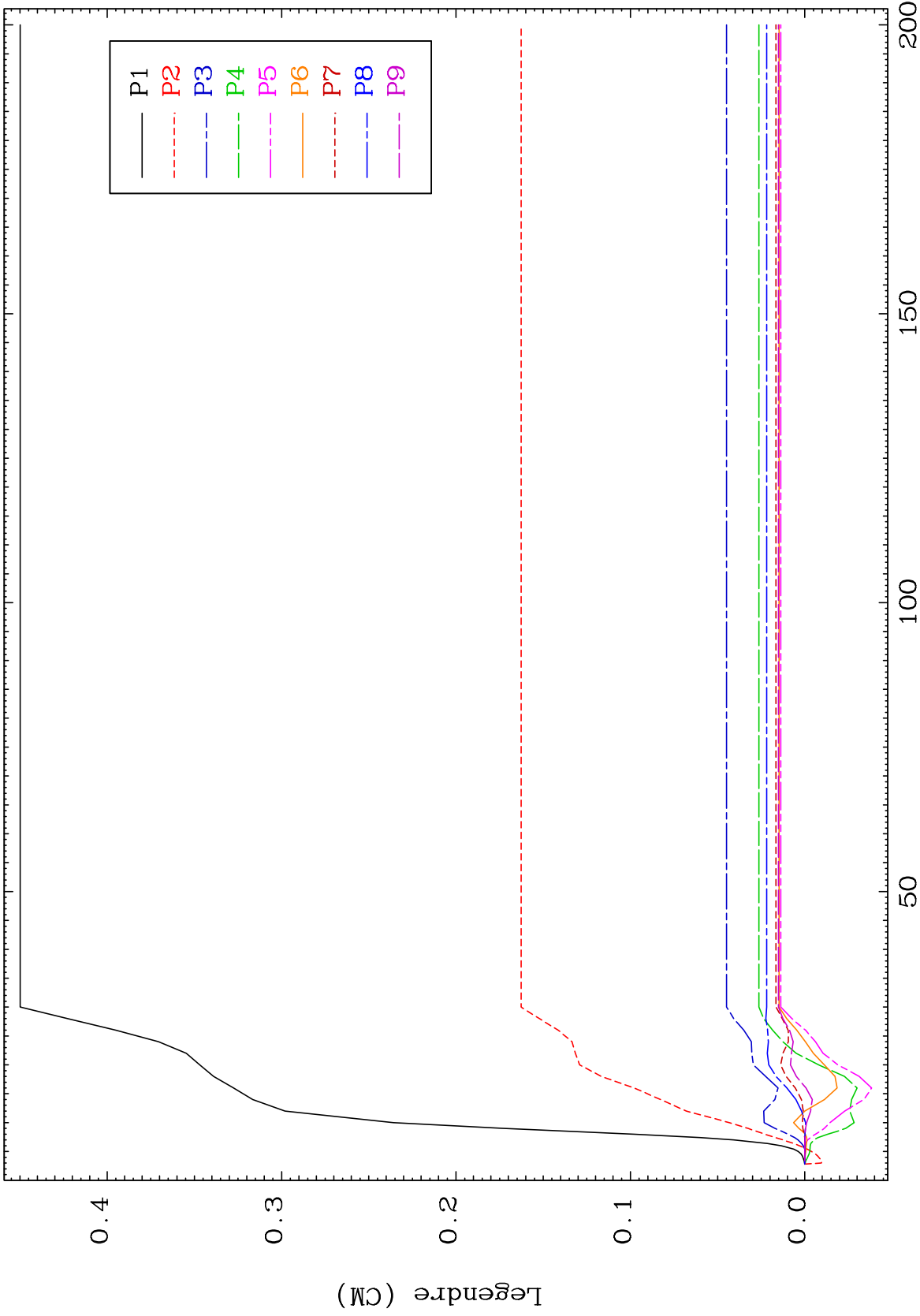
123

37-Rb-89

MAT 3737

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

37-Rb-89



124

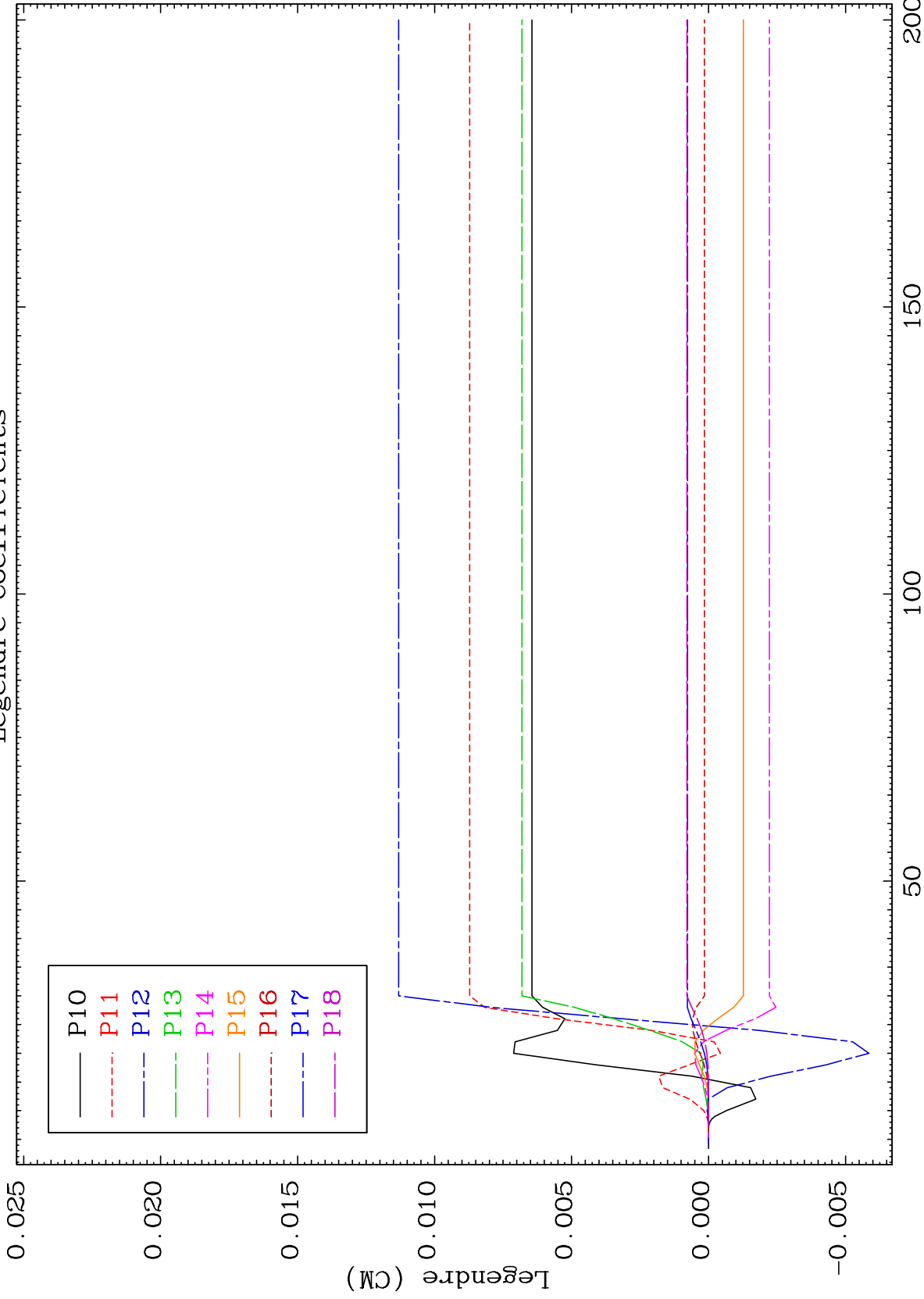
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



125

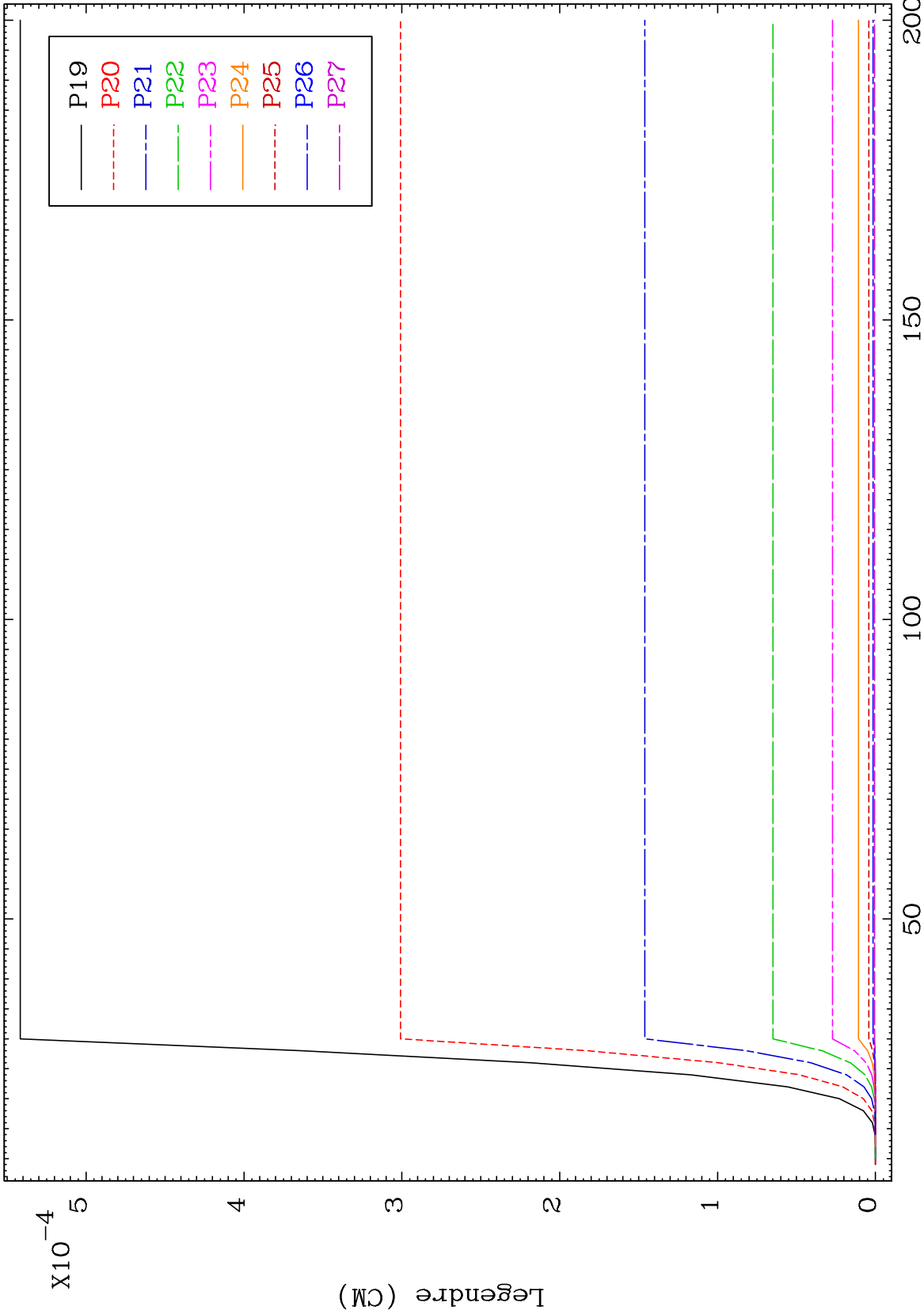
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



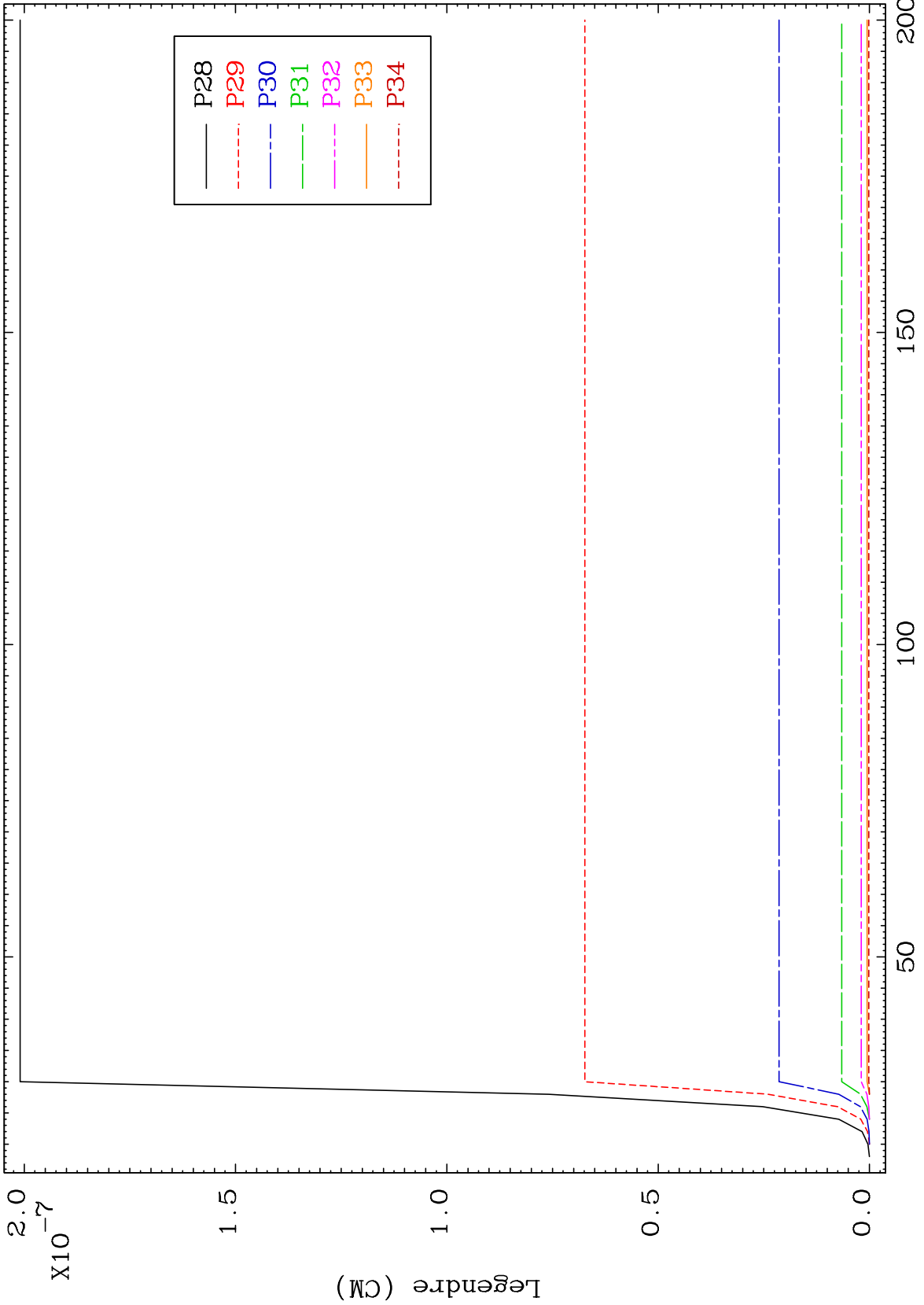
126

37-Rb-89

MAT 3737

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

37-Rb-89



127

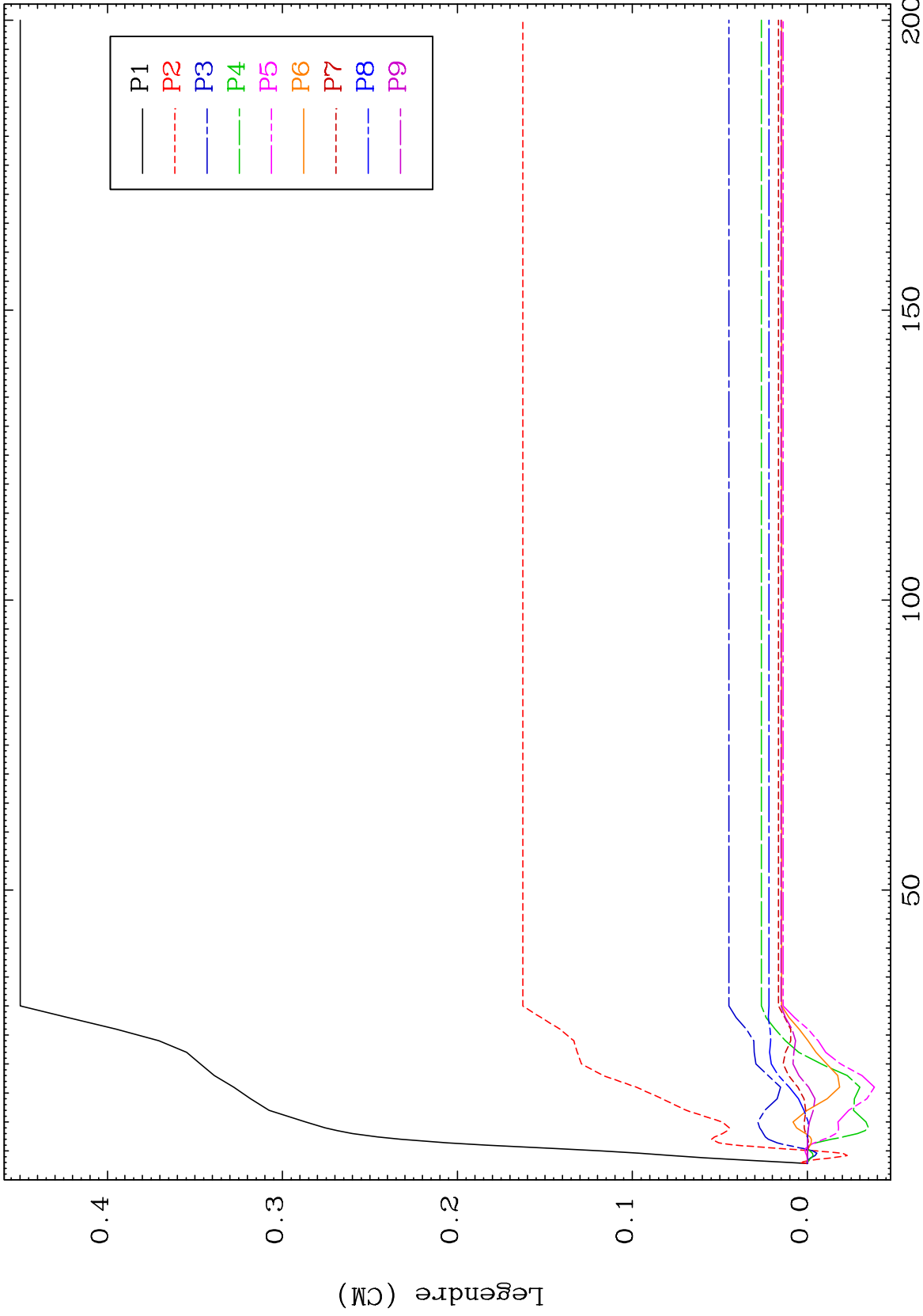
37-Rb-89



MAT 3737

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

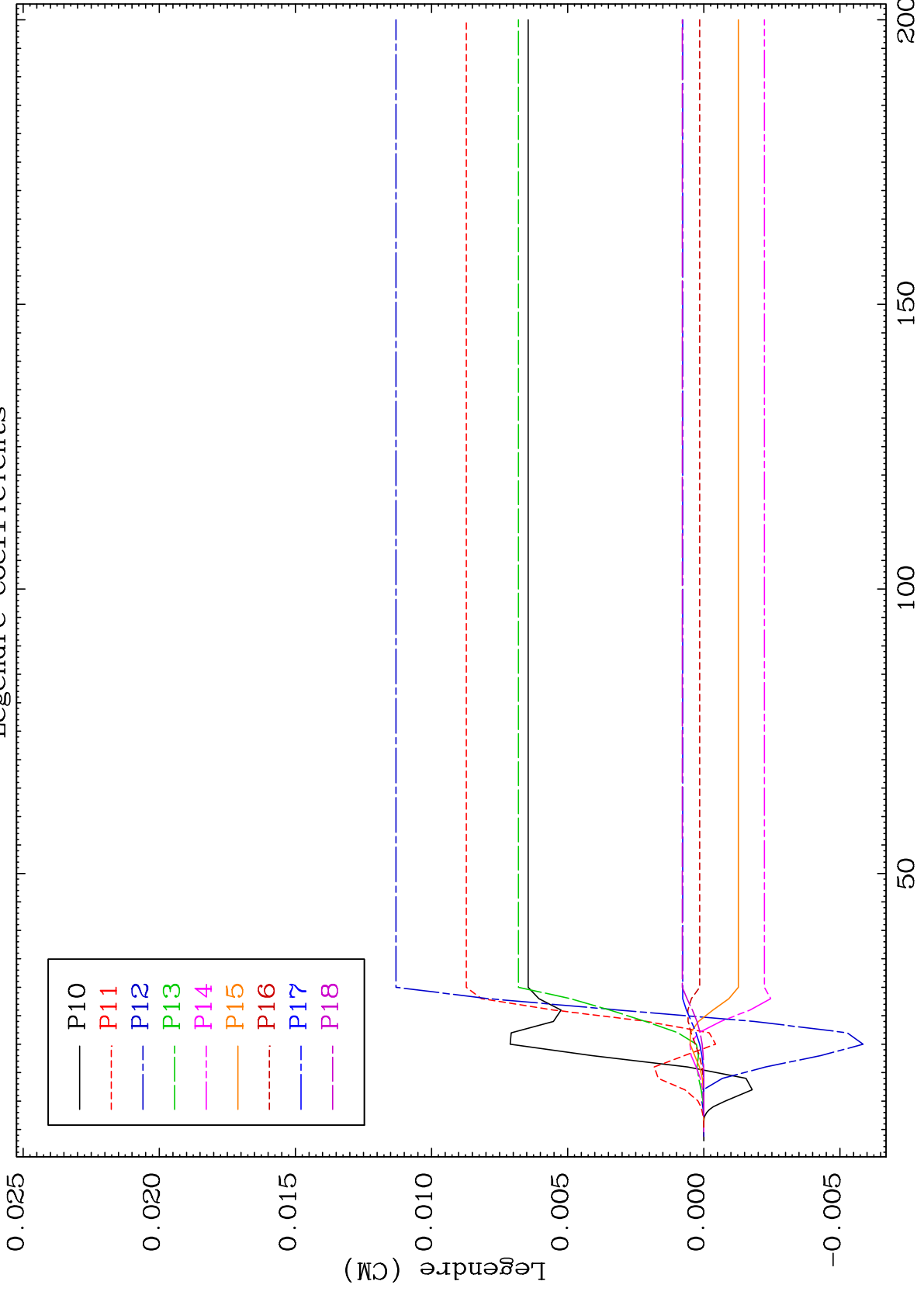
37-Rb-89



128

Incident Energy (MeV)

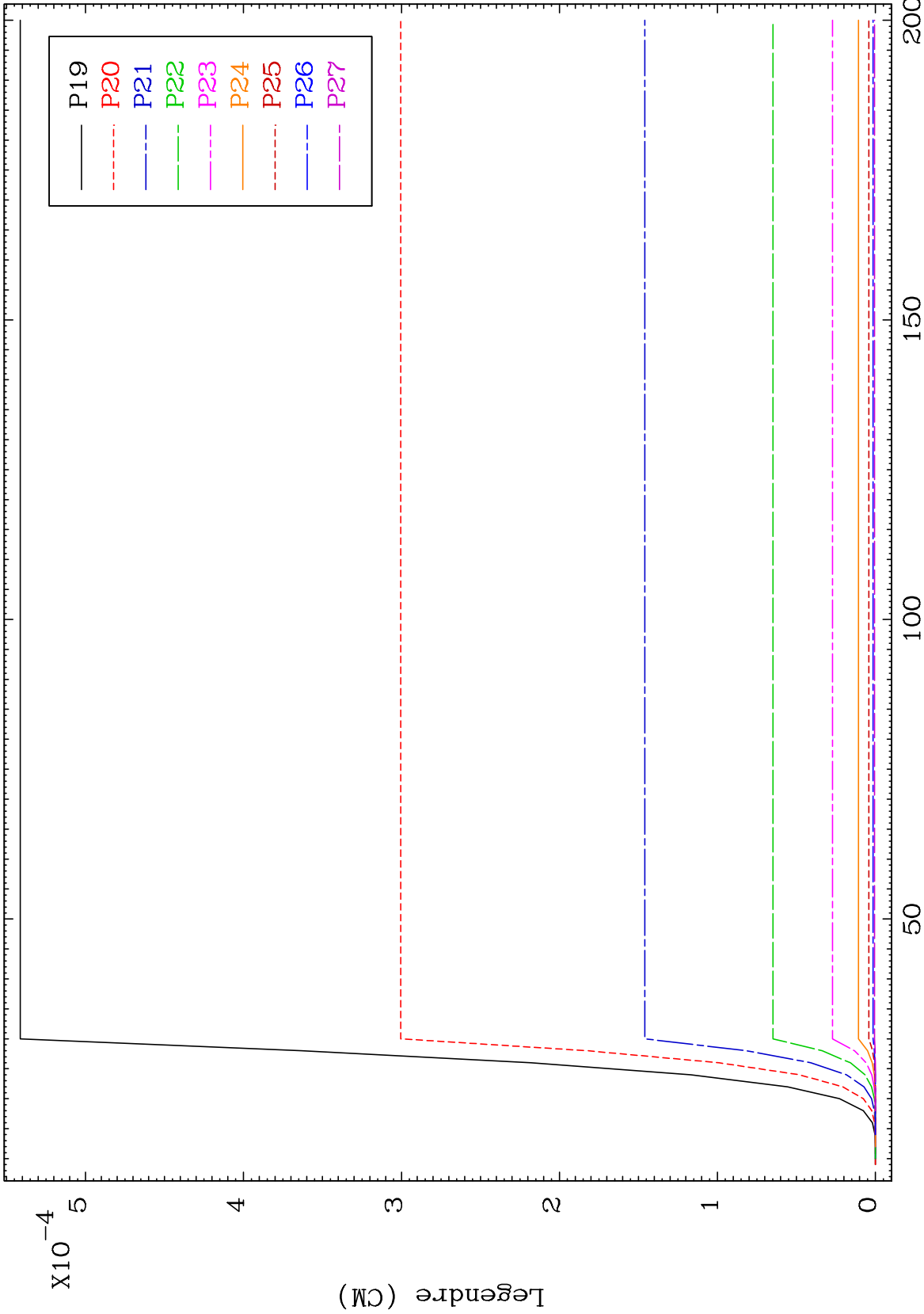
37-Rb-89



MAT 3737

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

37-Rb-89



130

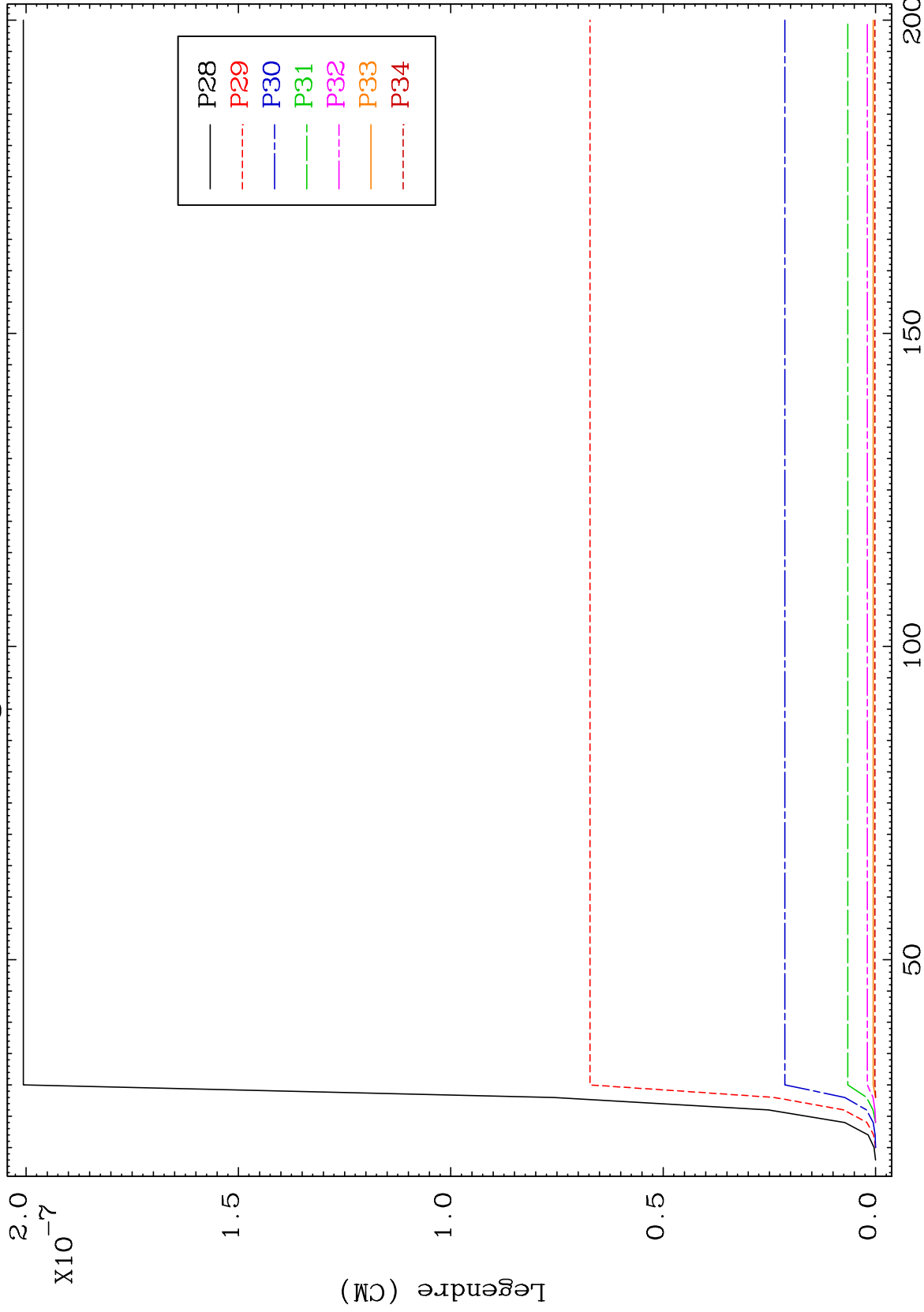
Incident Energy (MeV)

37-Rb-89

MAT 3737

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

37-Rb-89



131

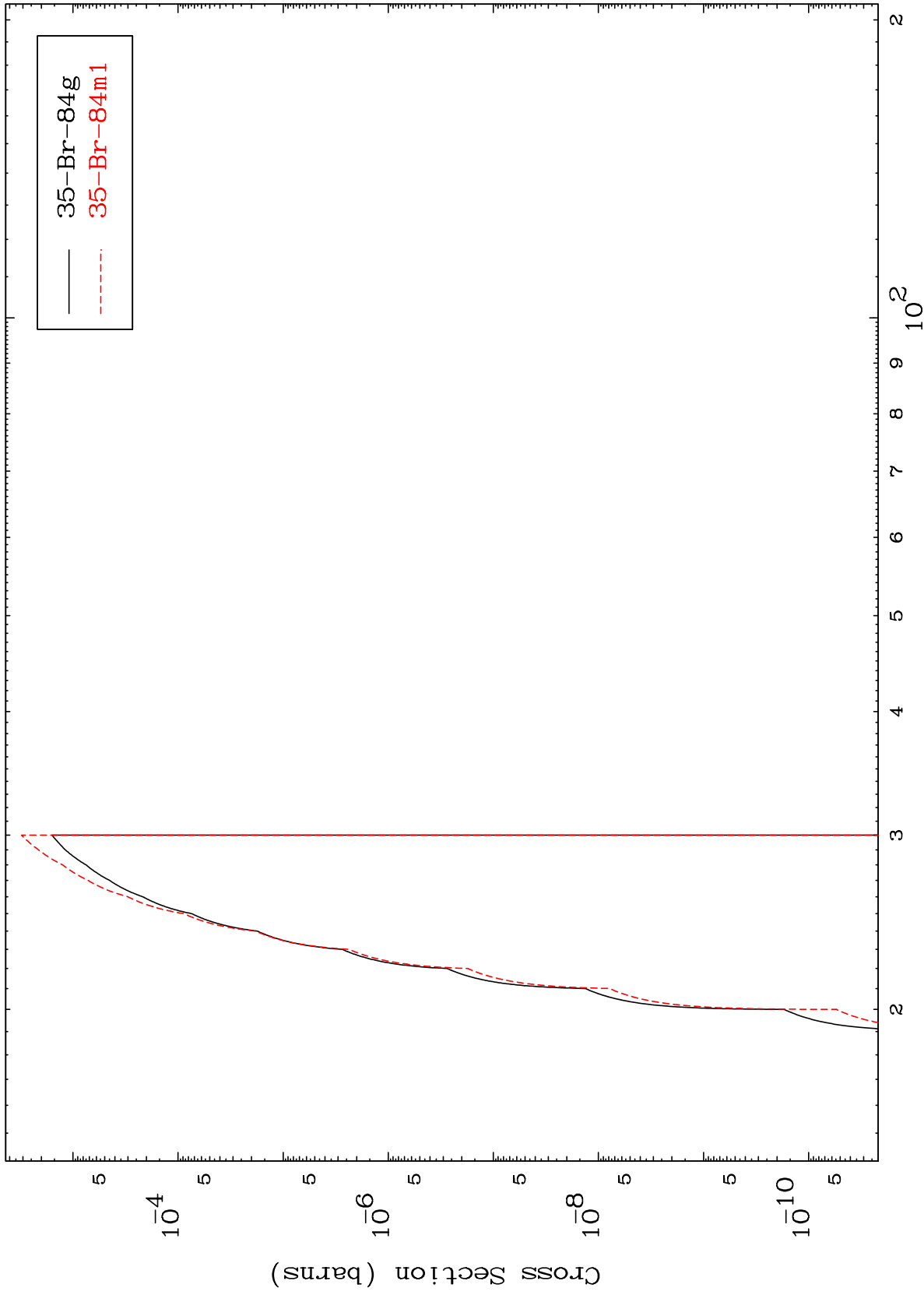
37-Rb-89

MAT 3737

(n,2n)  $\alpha$

37-Rb-89

Radionuclide Production Cross Section



132

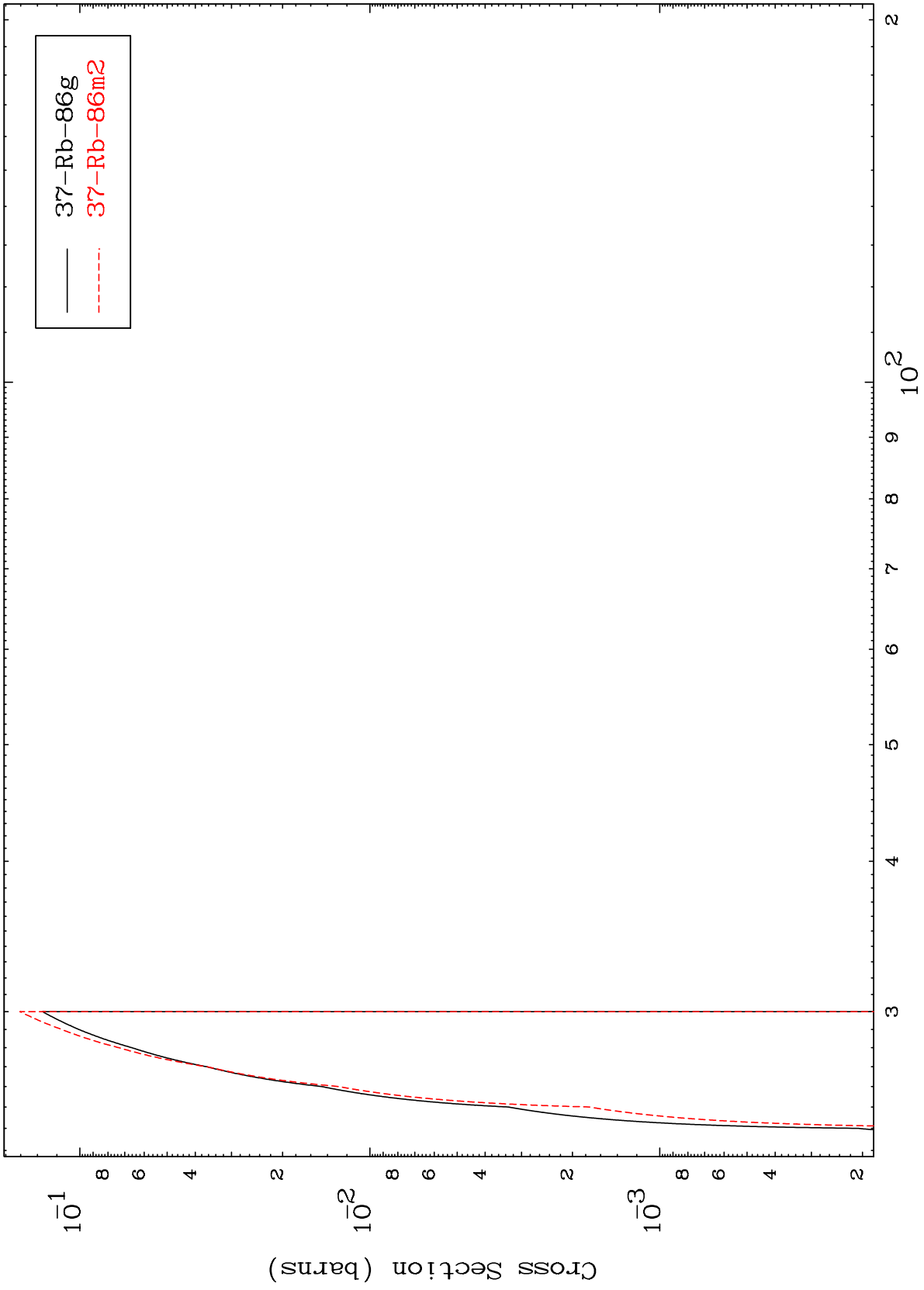
Incident Energy (MeV)

37-Rb-89

MAT 3737

37-Rb-89

(n,4n)  
Radionuclide Production Cross Section



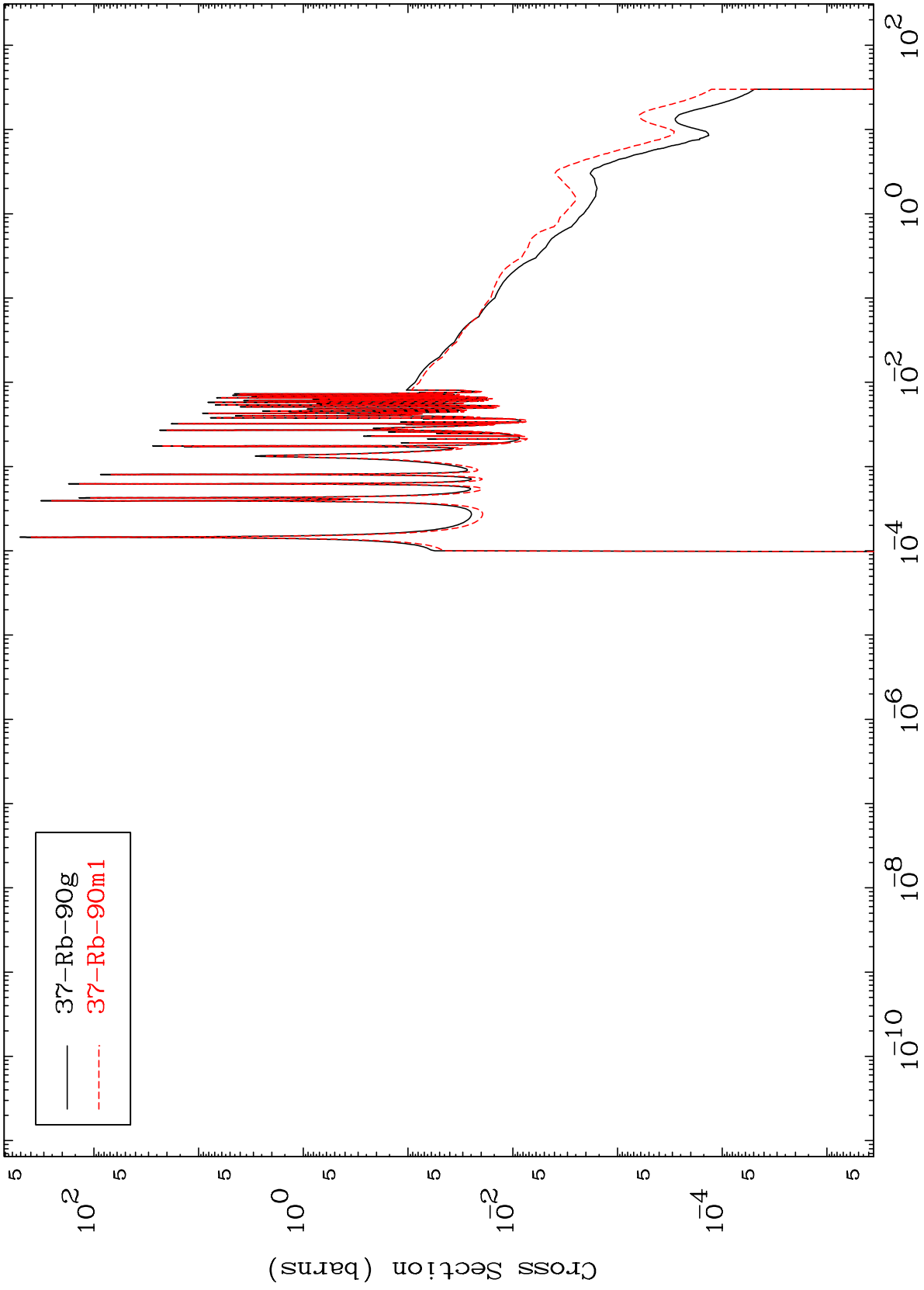
133

37-Rb-89

MAT 3737

37-Rb-89

(n,γ)  
Radionuclide Production Cross Section



37-Rb-89

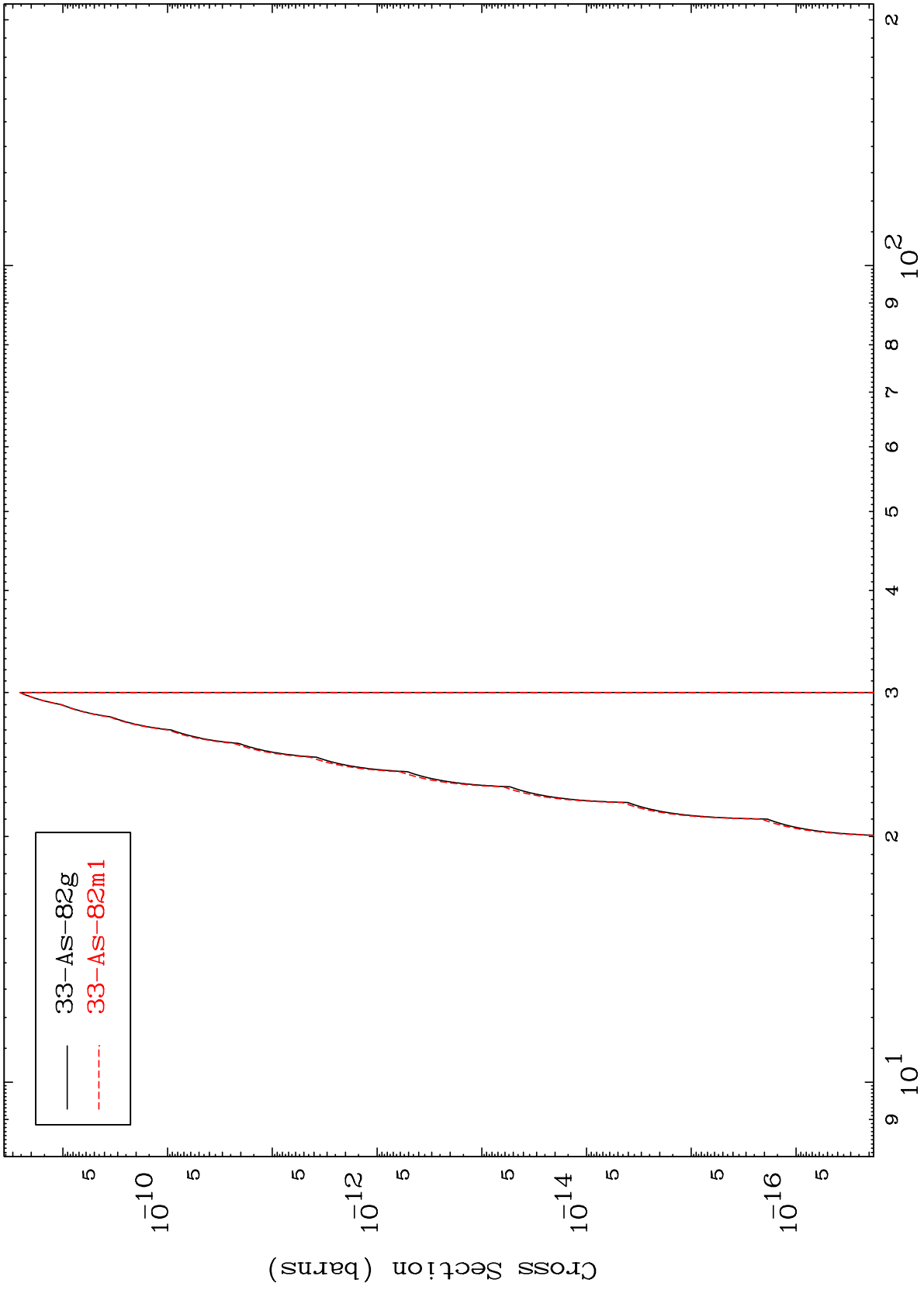
Incident Energy (MeV)

134

MAT 3737

37-Rb-89

Radionuclide Production Cross Section  
(n,2α)



135

Incident Energy (MeV)

37-Rb-89