

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

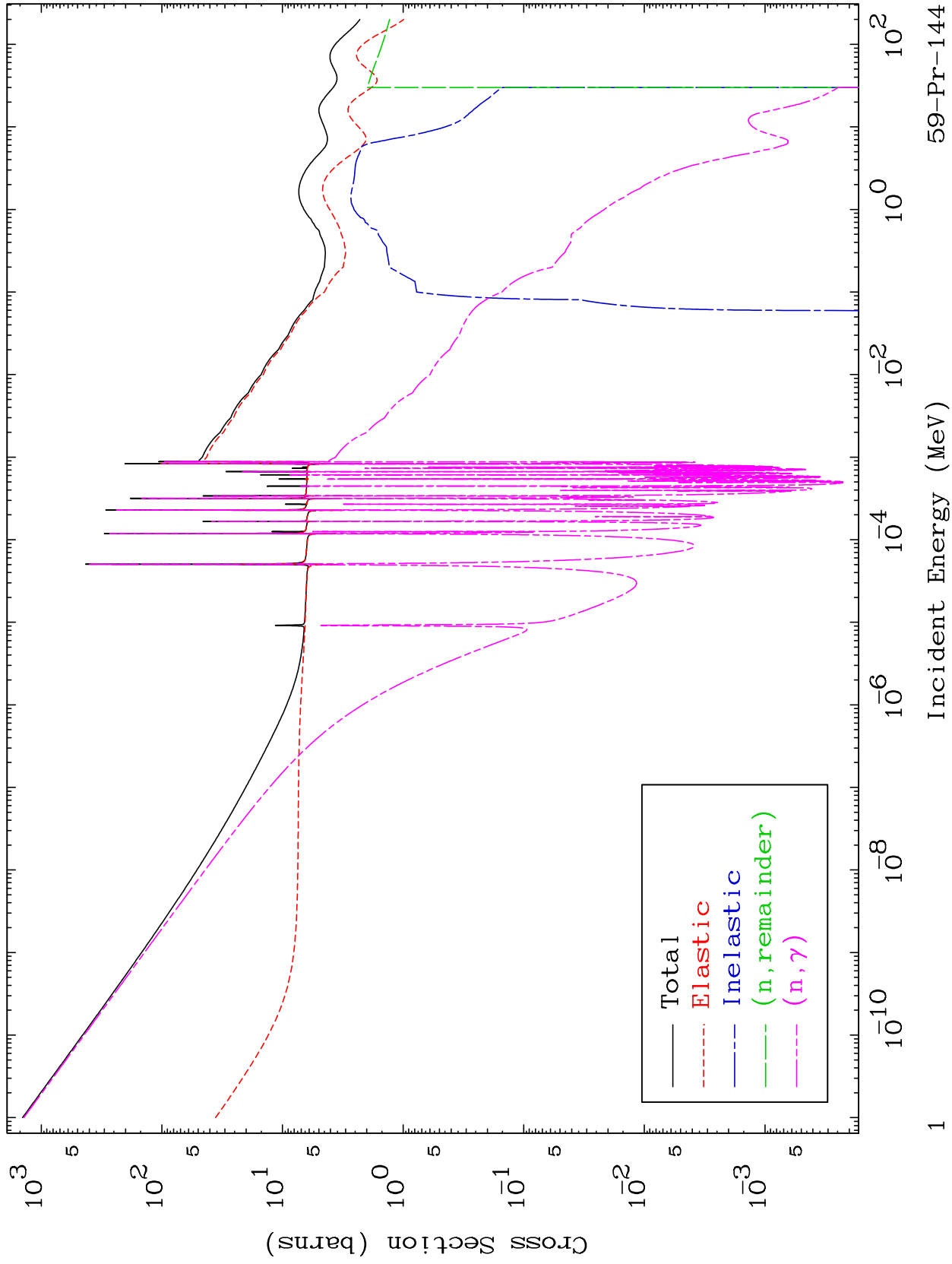
Press Mouse Button to Start

MAT 5934

Major

293 Kelvin Cross Sections

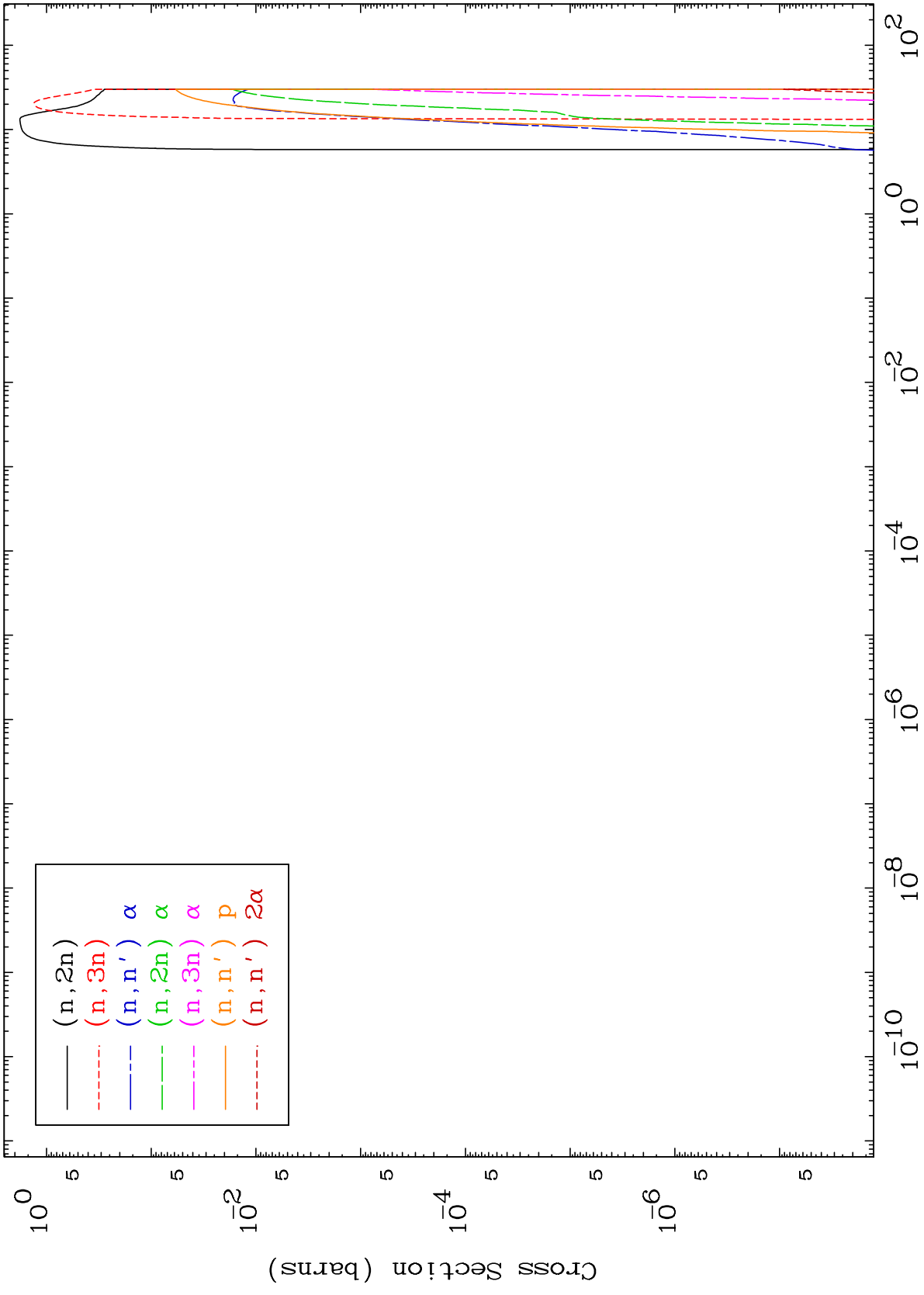
59-Pr-144



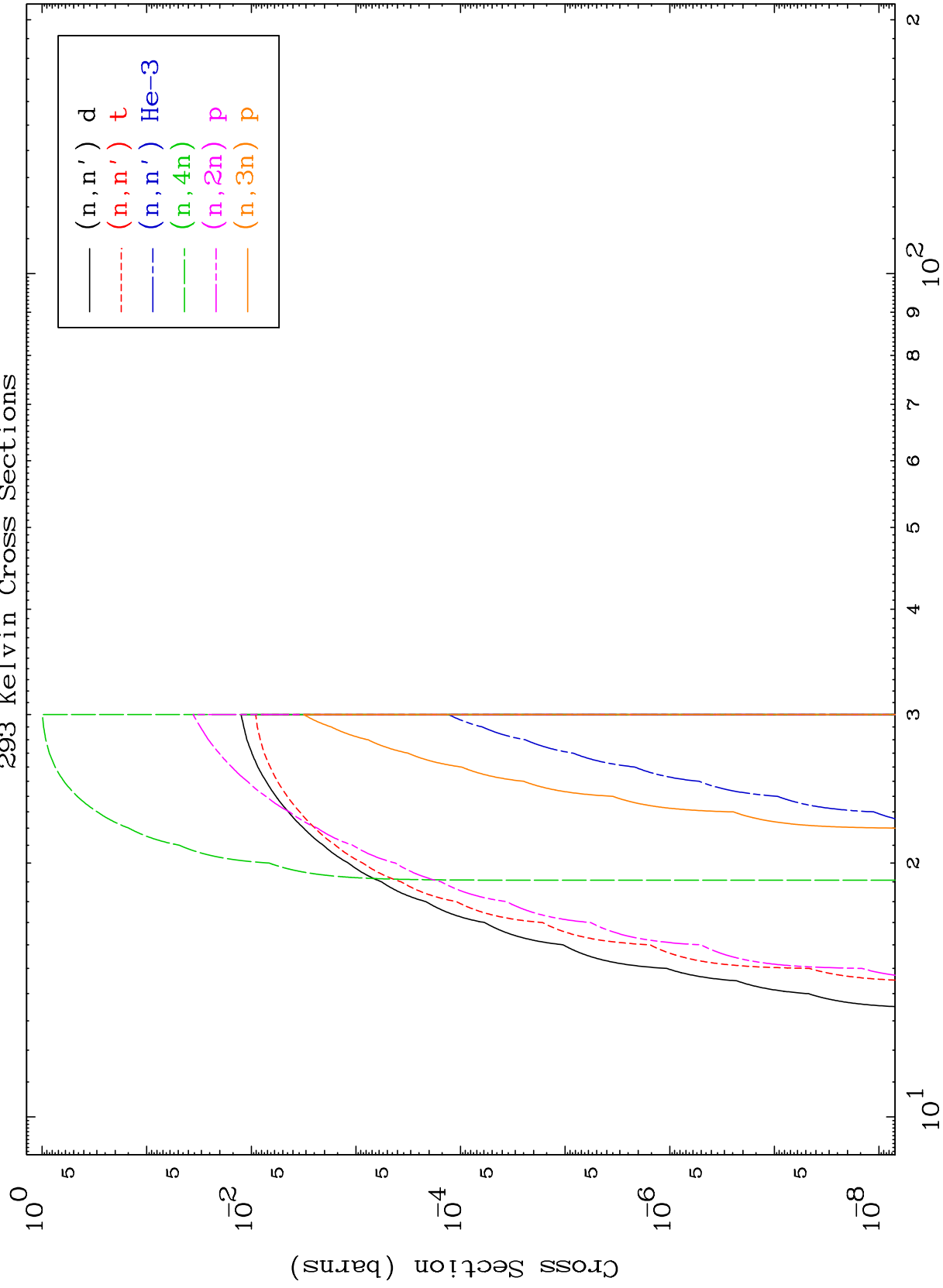
MAT 5934

Neutron Production
293 Kelvin Cross Sections

59-Pr-144



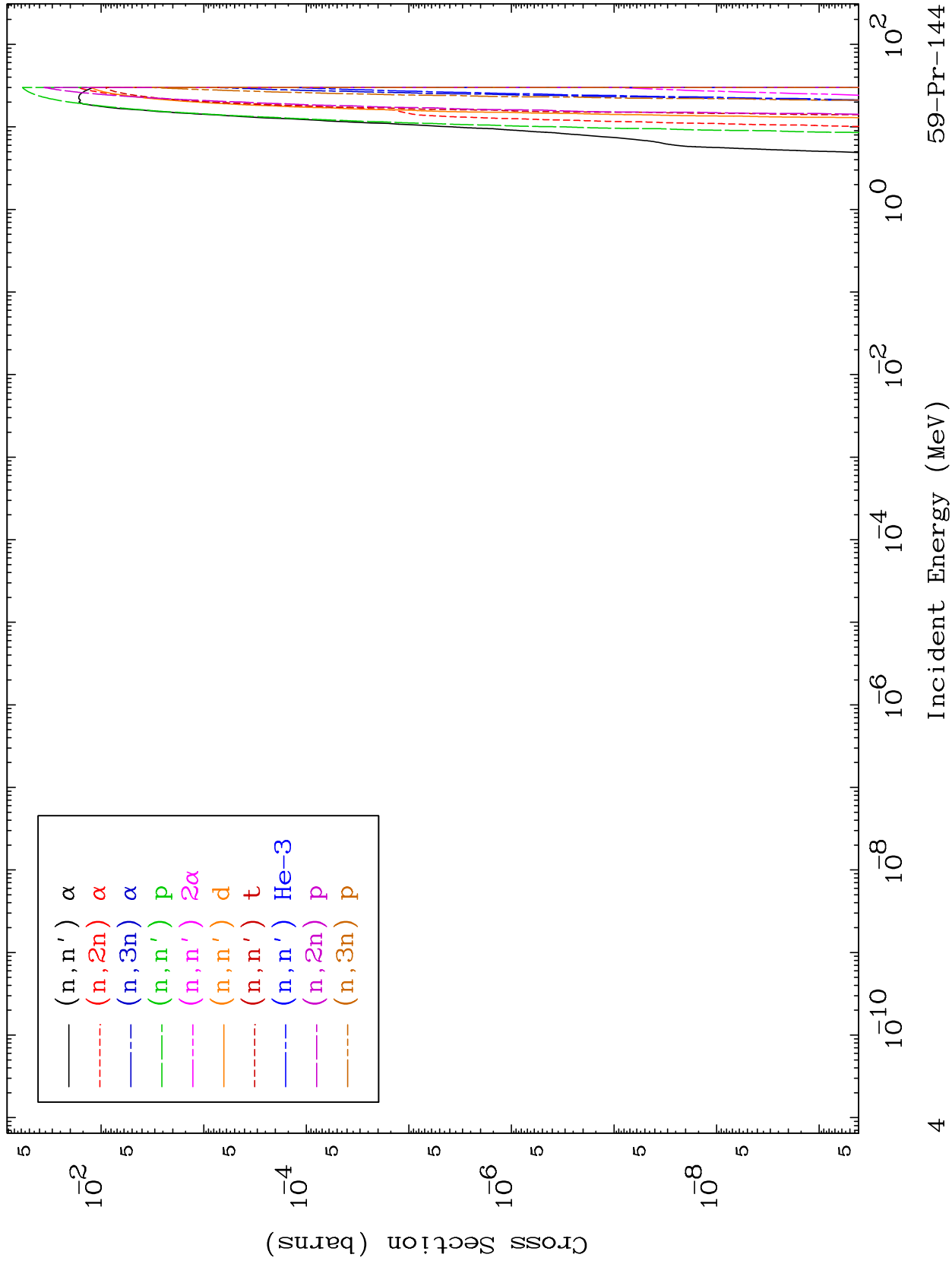
59-Pr-144



MAT 5934

Charged Particle
293 Kelvin Cross Sections

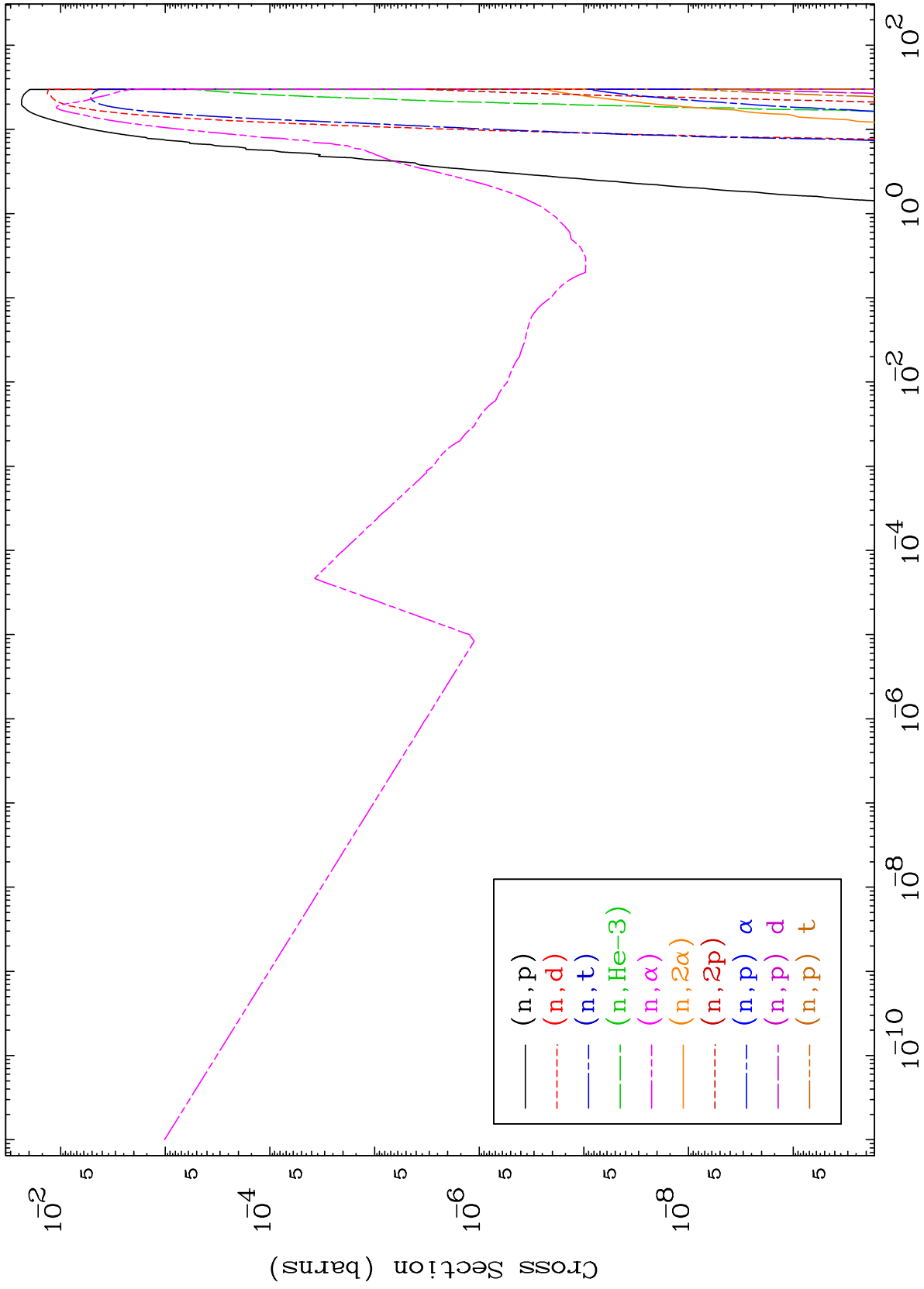
59-Pr-144

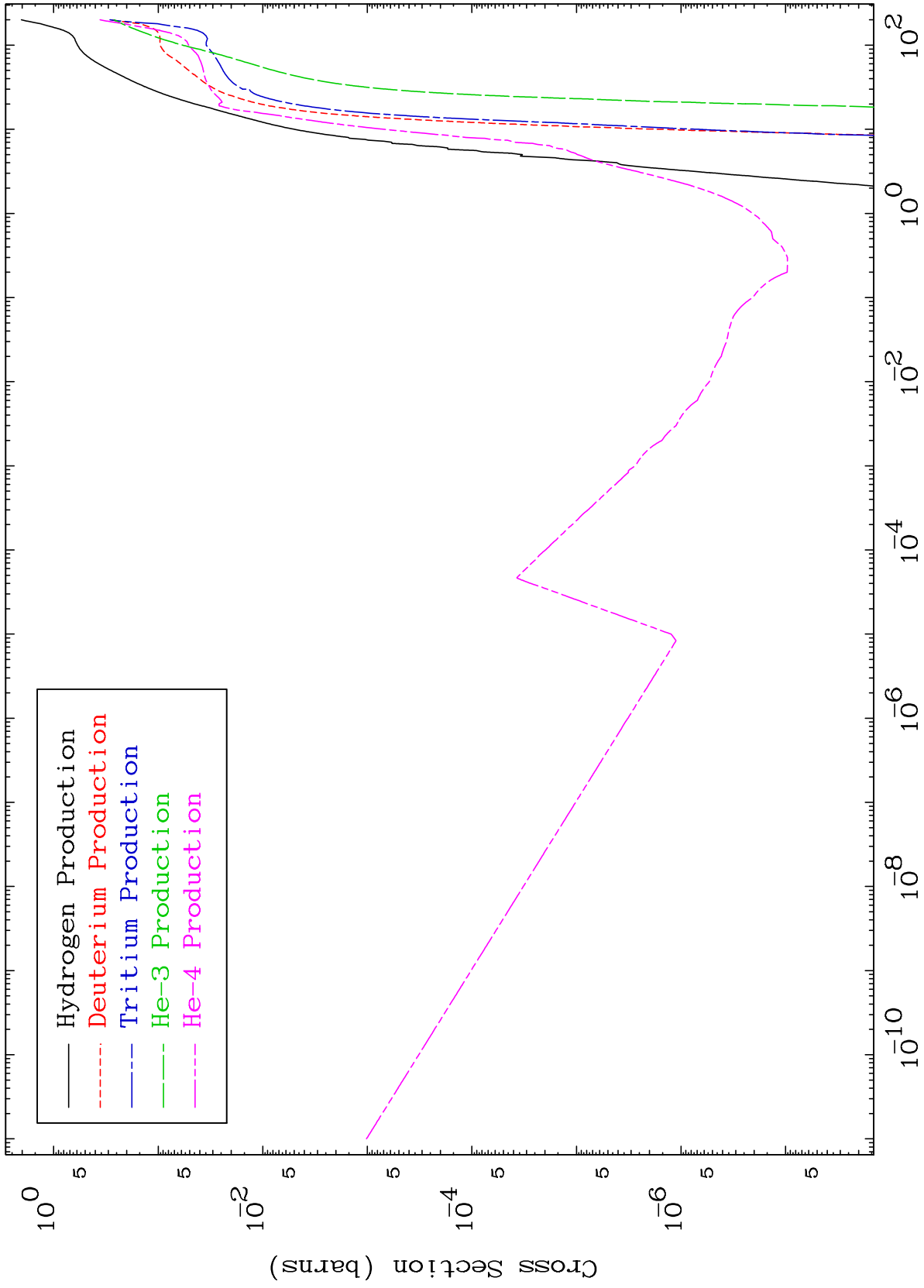


MAT 5934

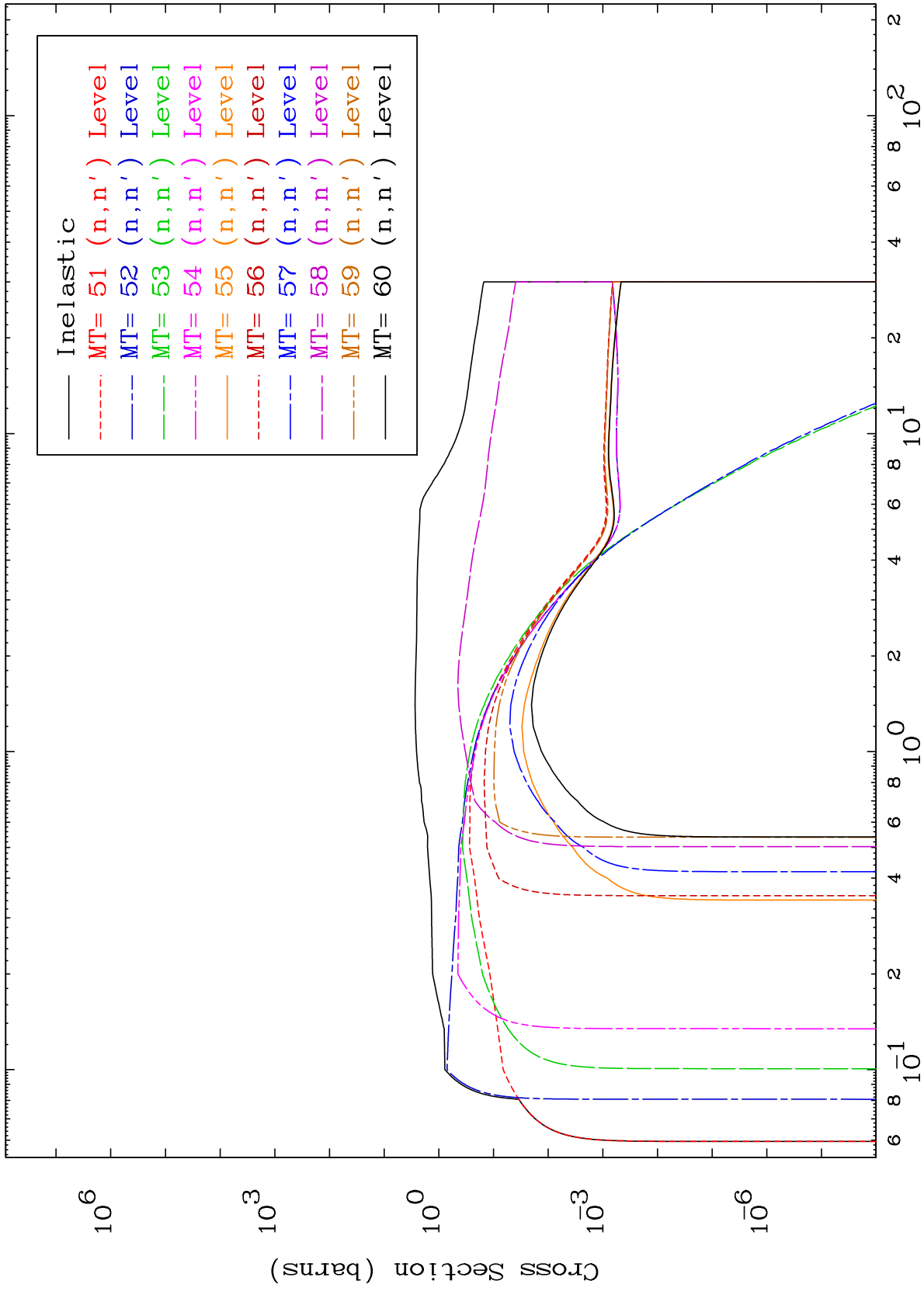
Charged Particle
293 Kelvin Cross Sections

59-Pr-144





293 Kelvin Cross Sections

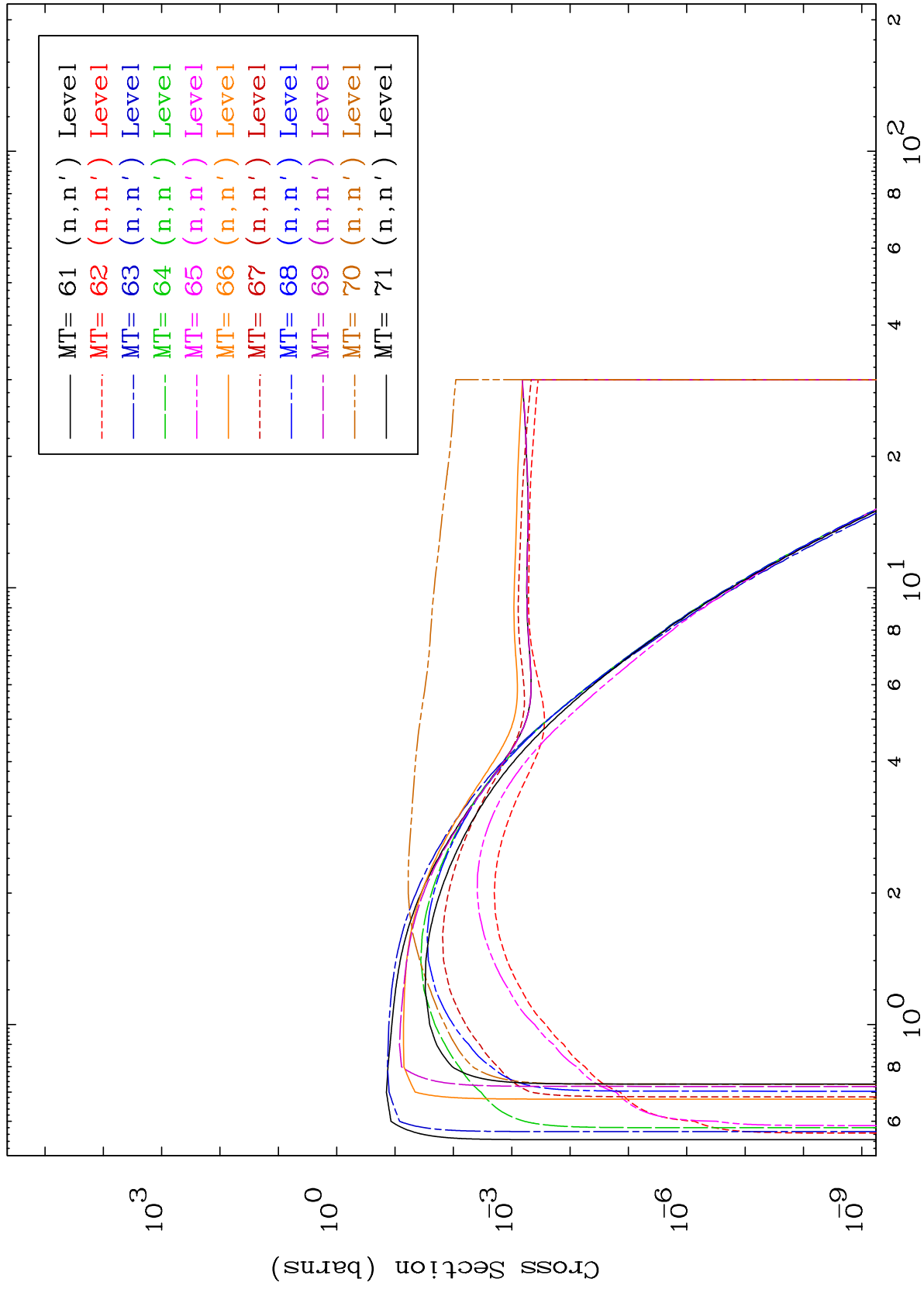


MAT 5934

(n,n') Level

59-Pr-144

293 Kelvin Cross Sections



8

Incident Energy (MeV)

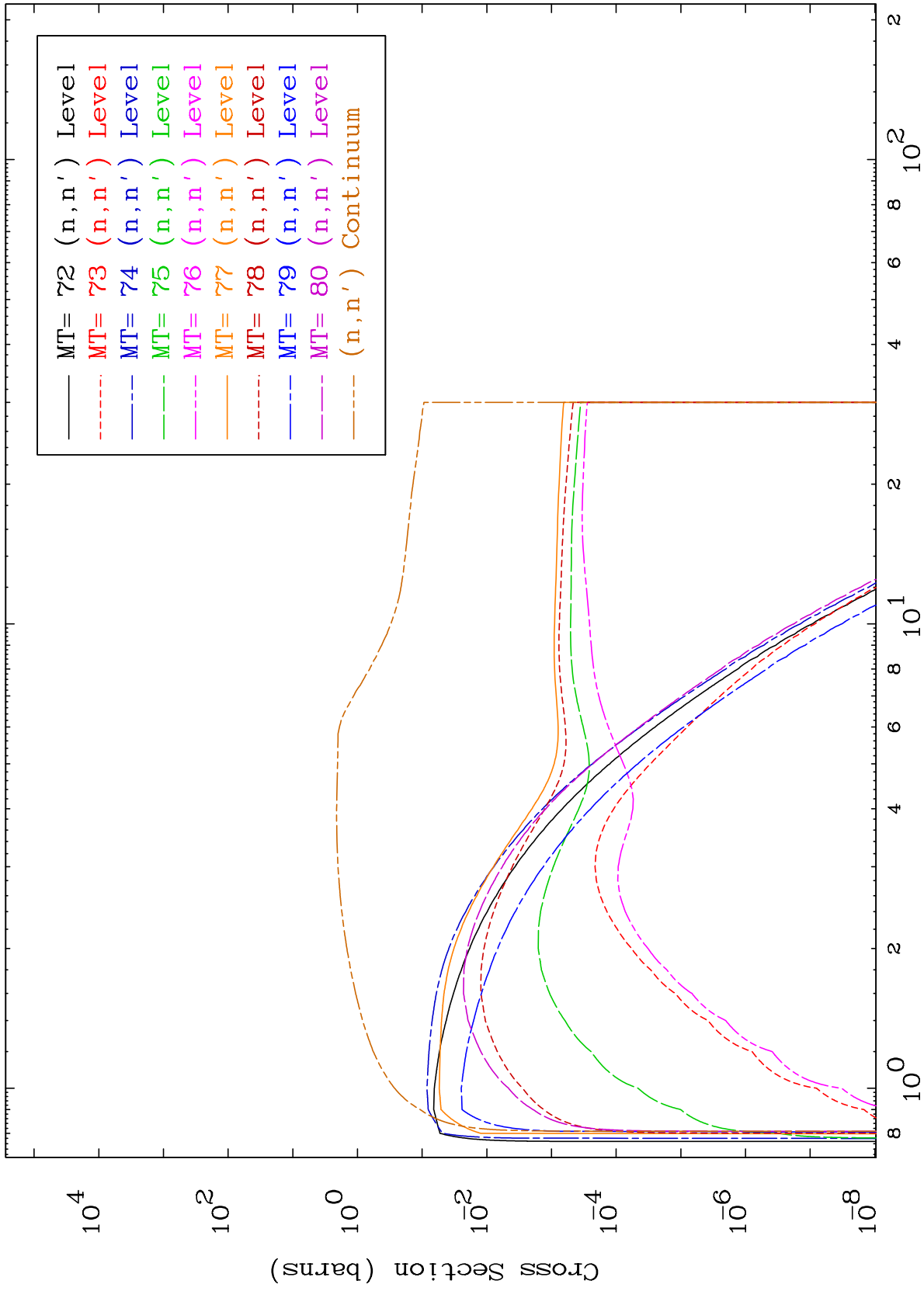
59-Pr-144

MAT 5934

(n,n') Level

59-Pr-144

293 Kelvin Cross Sections



9

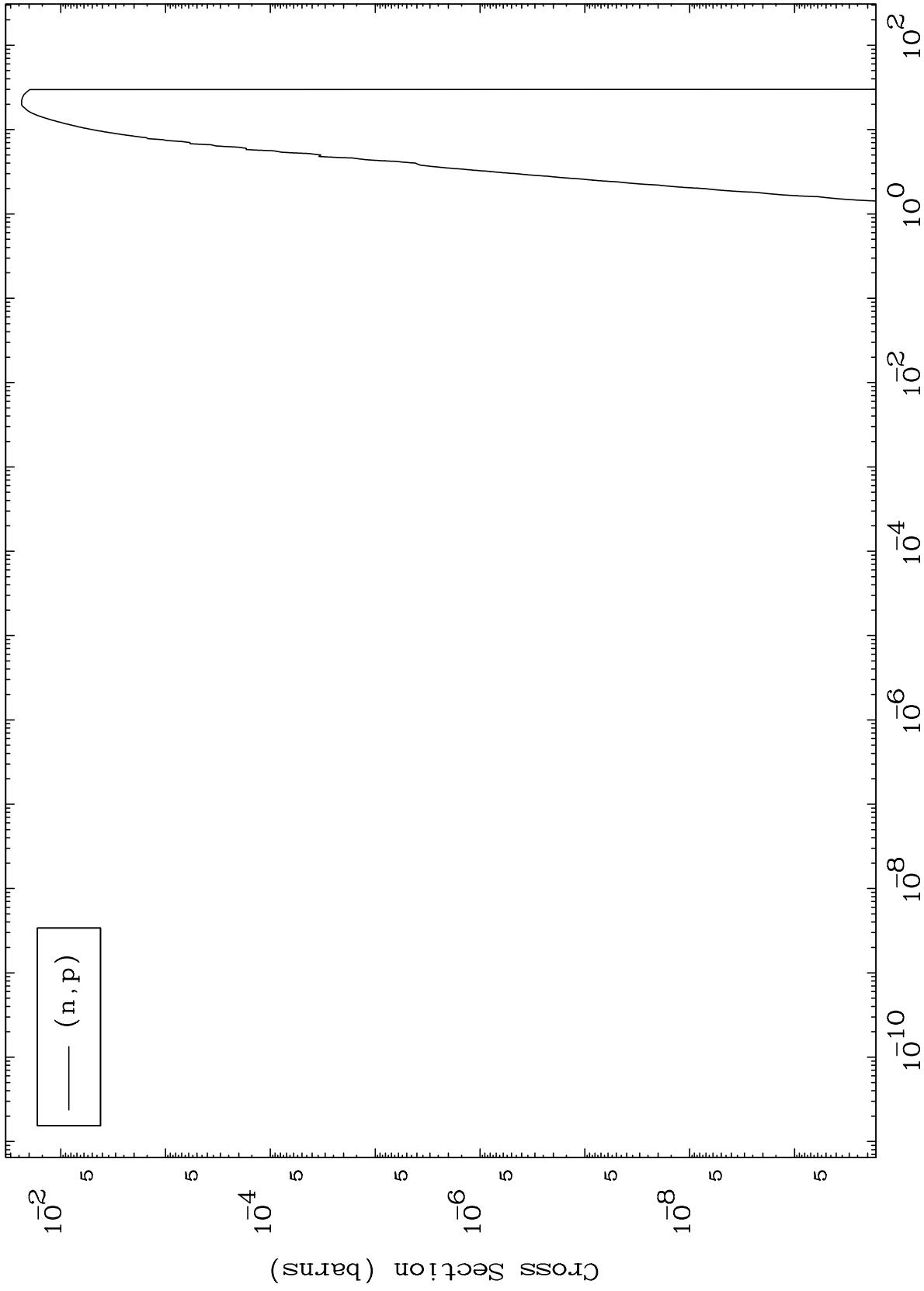
Incident Energy (MeV)

59-Pr-144

MAT 5934

(n,p) Levels
293 Kelvin Cross Sections

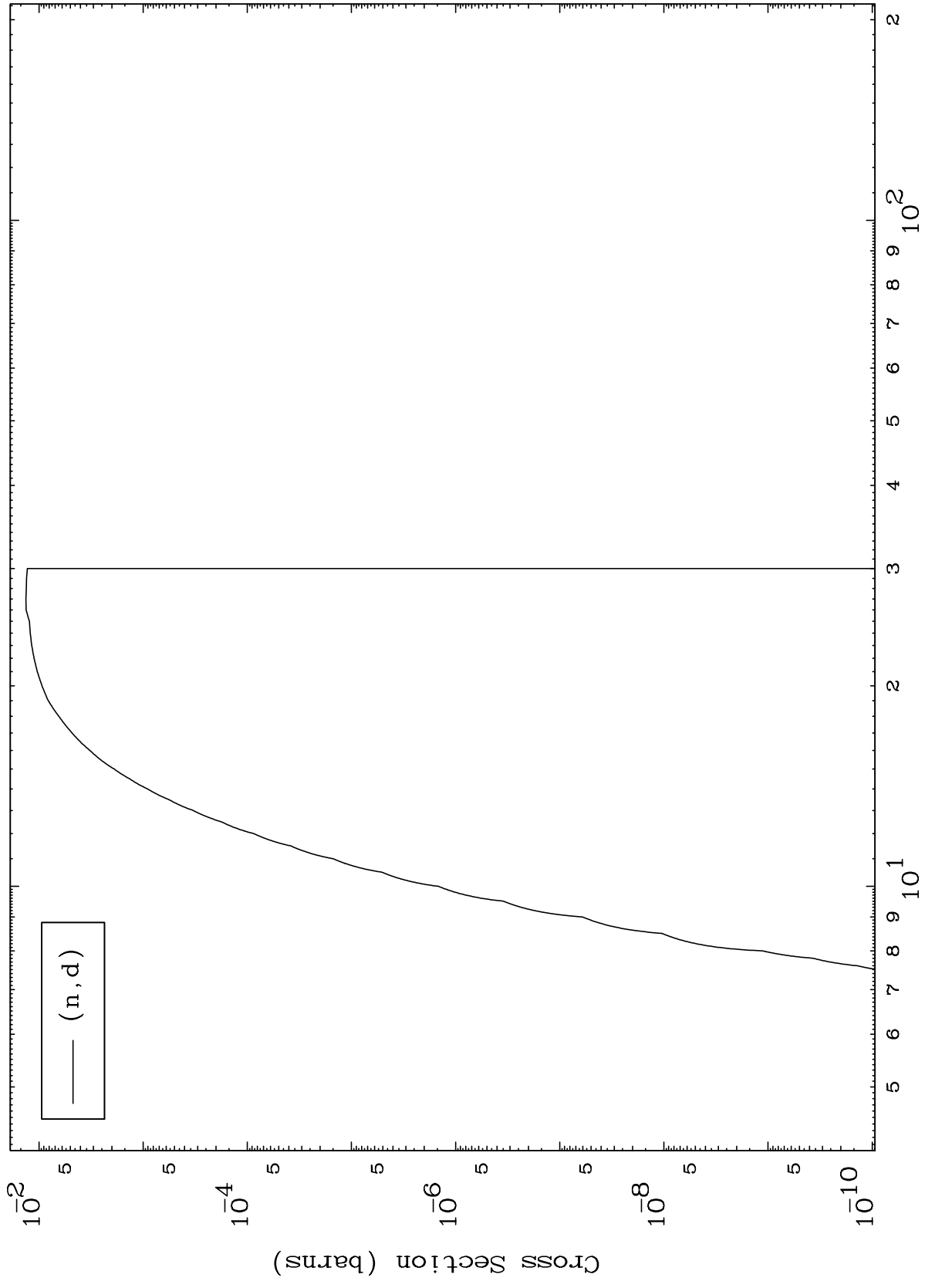
59-Pr-144



10

Incident Energy (MeV)

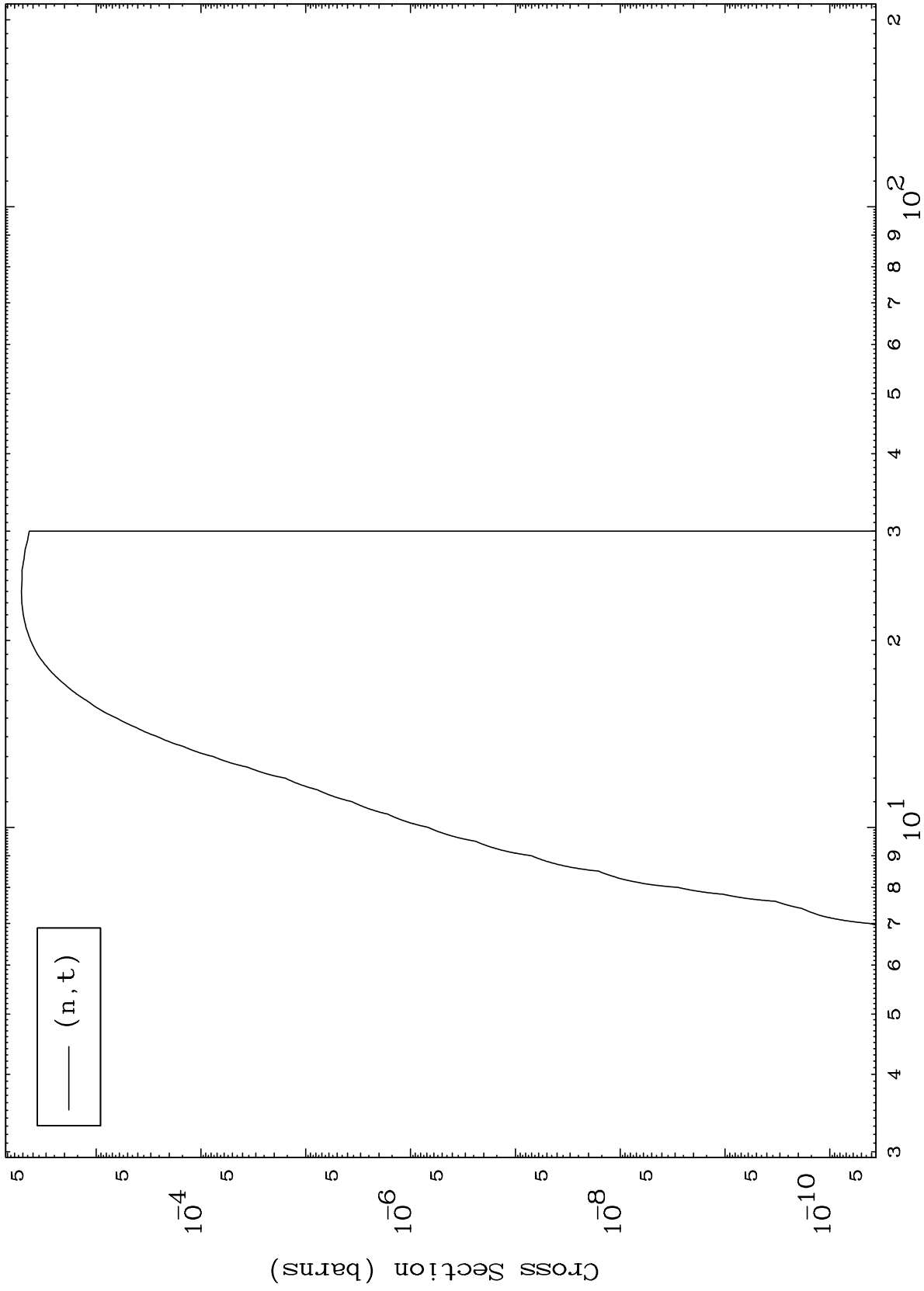
59-Pr-144



MAT 5934

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-144



12

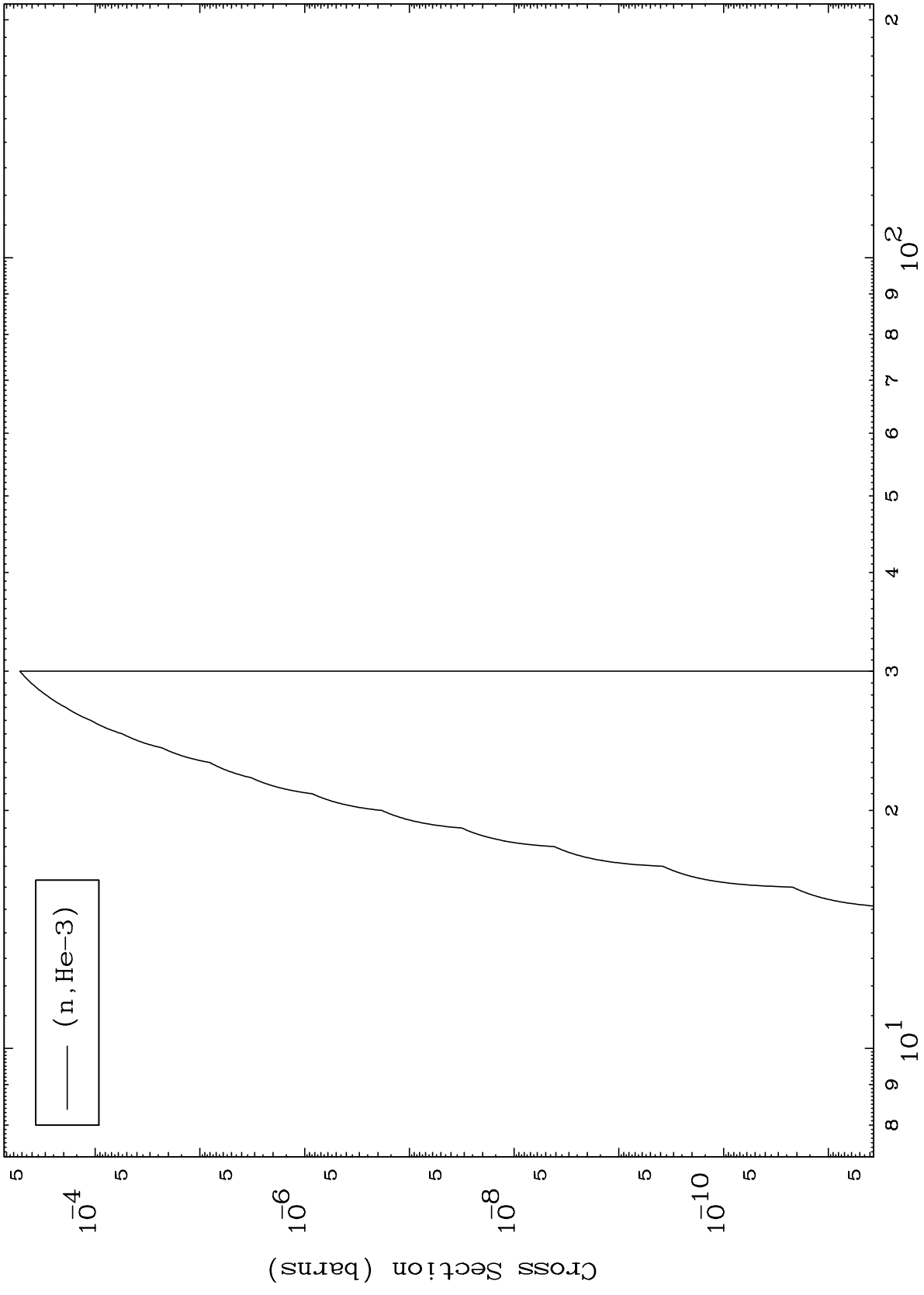
Incident Energy (MeV)

59-Pr-144

MAT 5934

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-144



13

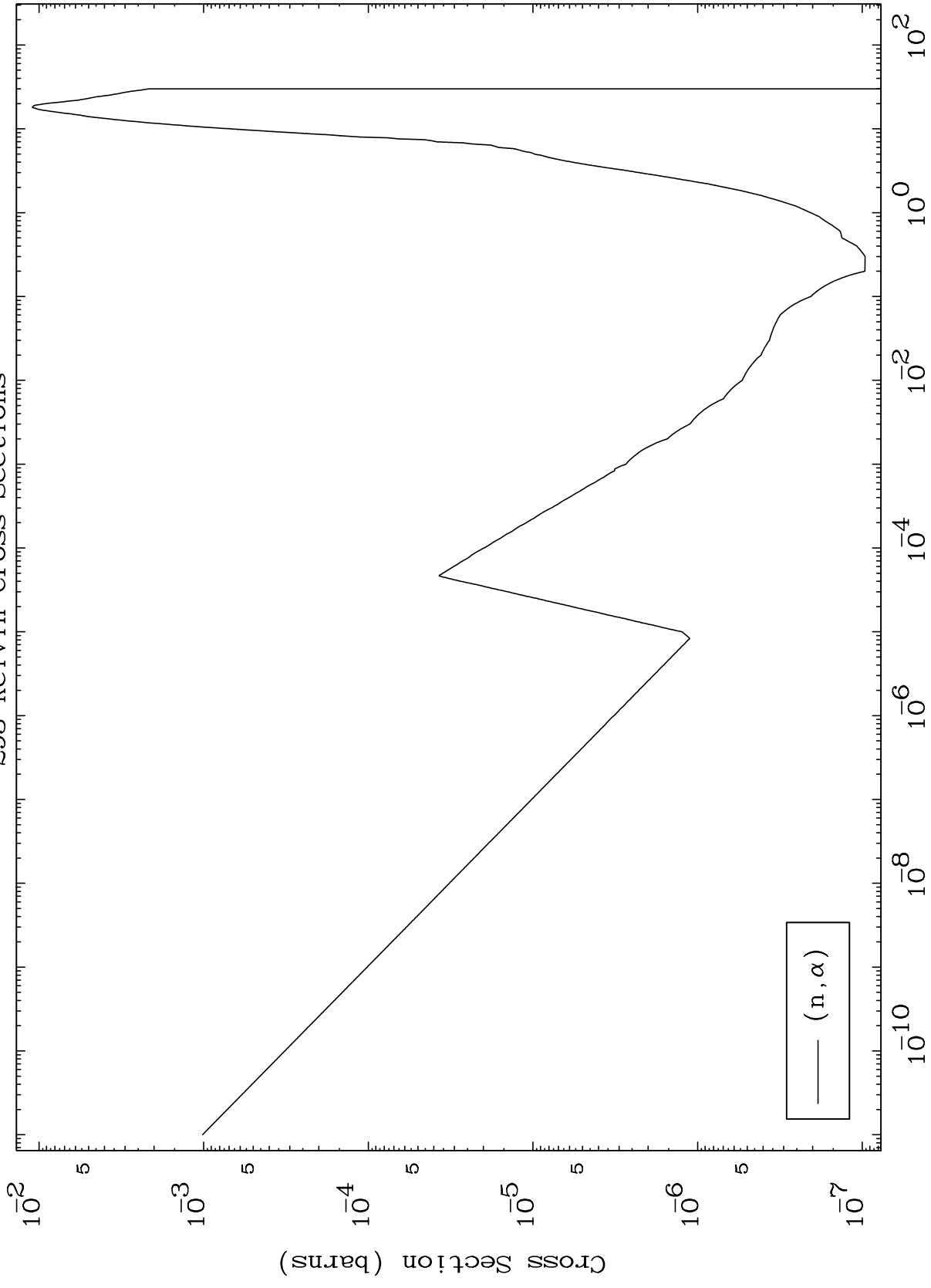
Incident Energy (MeV)

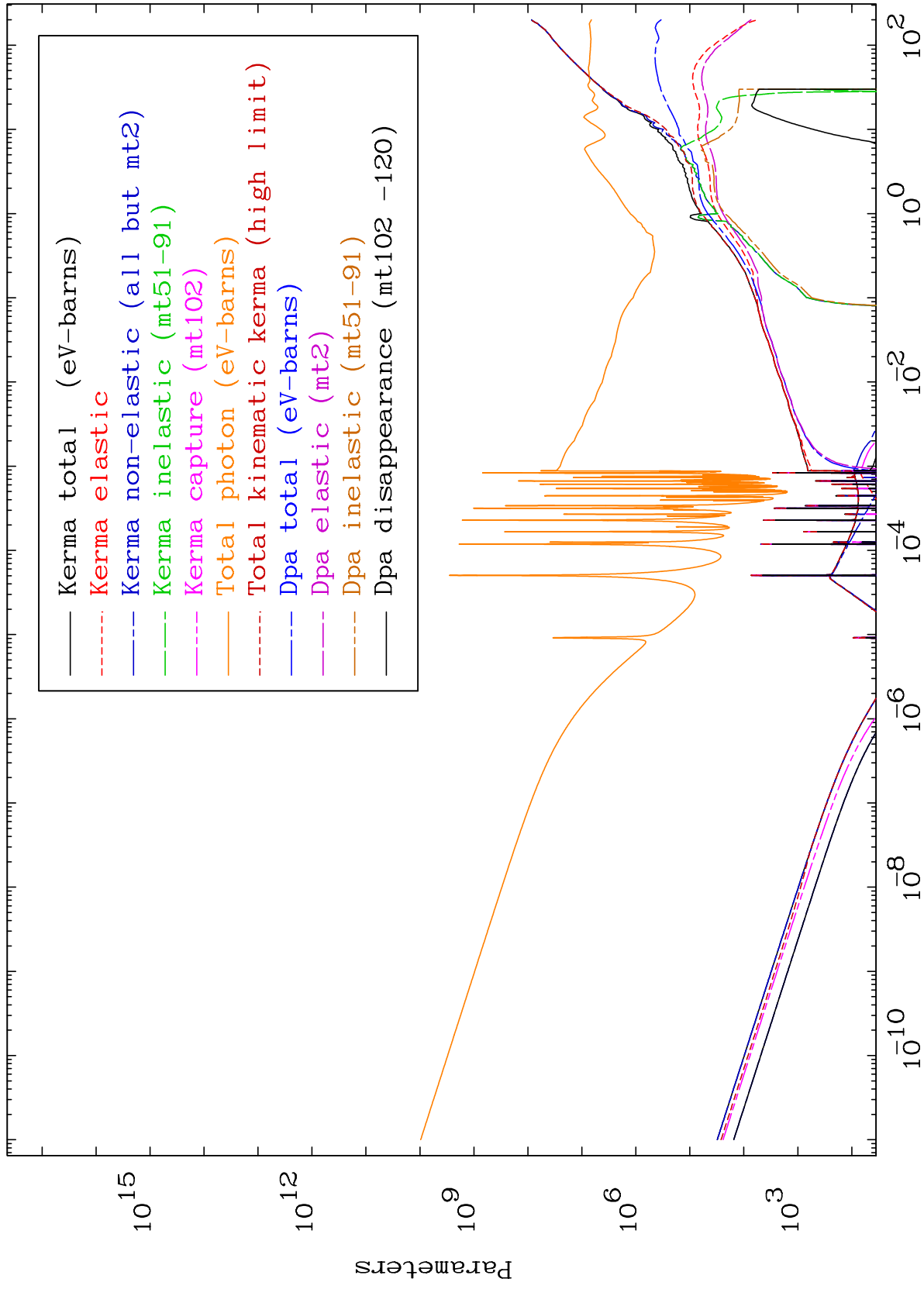
59-Pr-144

MAT 5934

(n, α) Levels
293 Kelvin Cross Sections

59-Pr-144

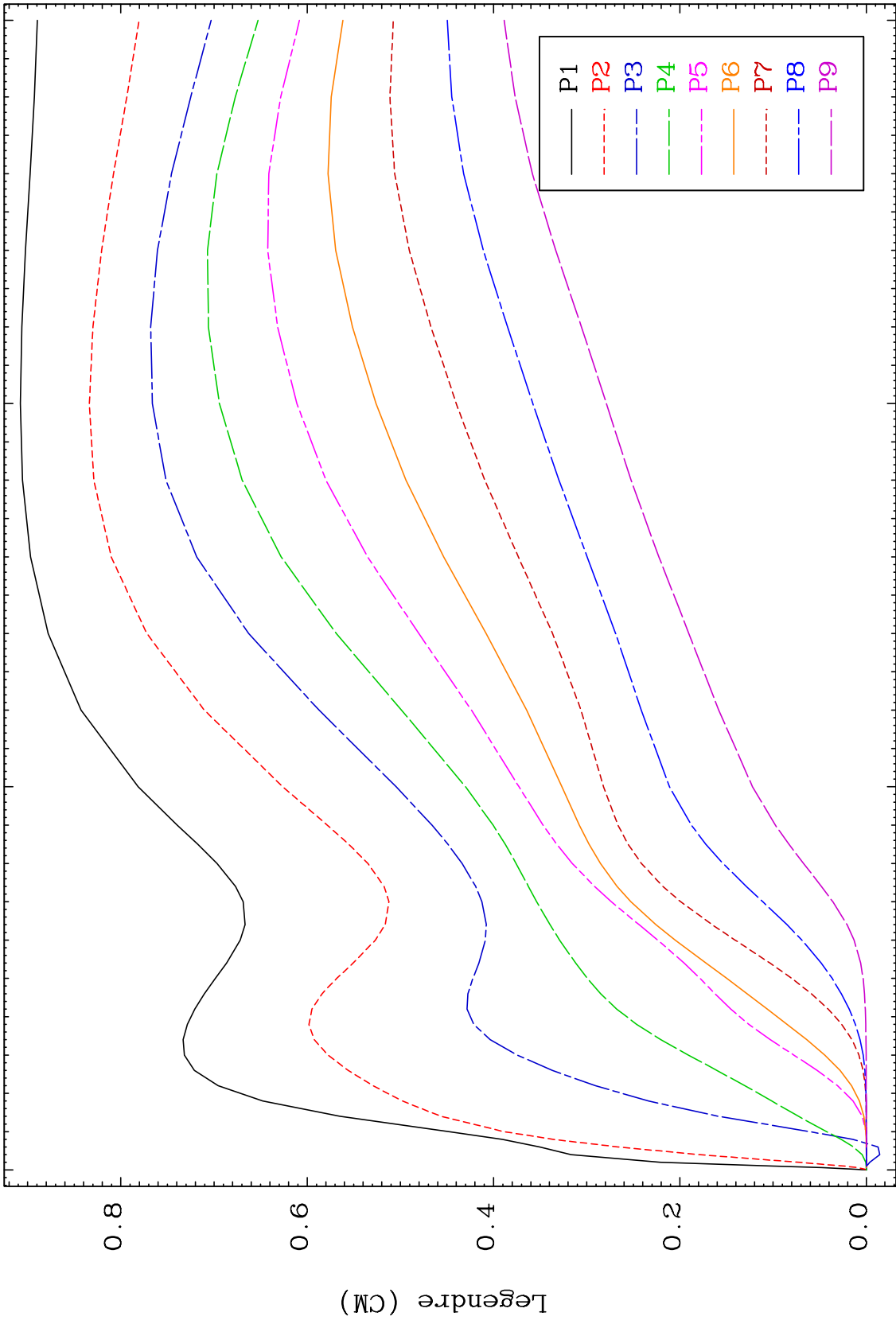




MAT 5934

Elastic Legendre Coefficients

59-Pr-144



16

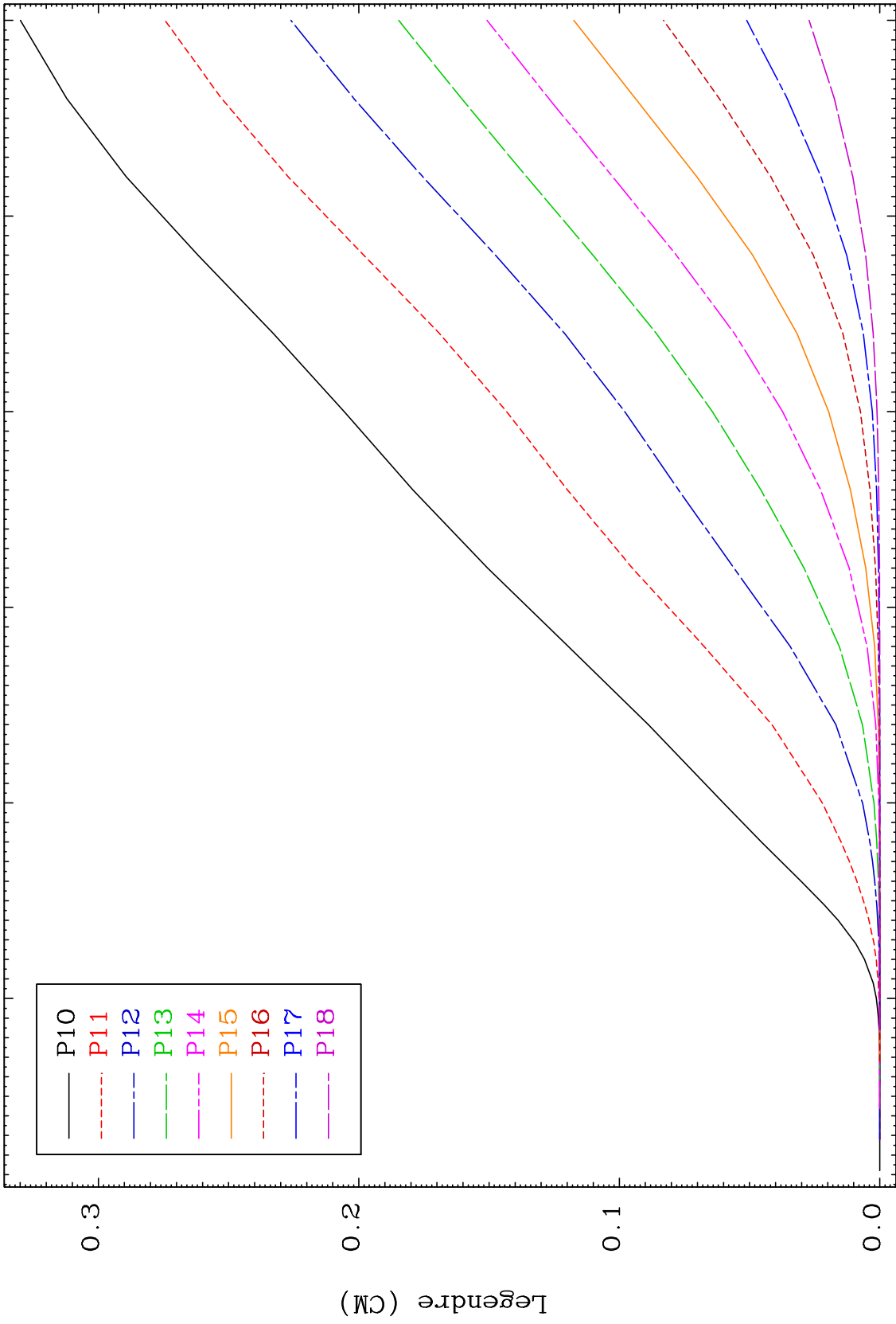
Incident Energy (MeV)

59-Pr-144

MAT 5934

Elastic Legendre Coefficients

59-Pr-144



17

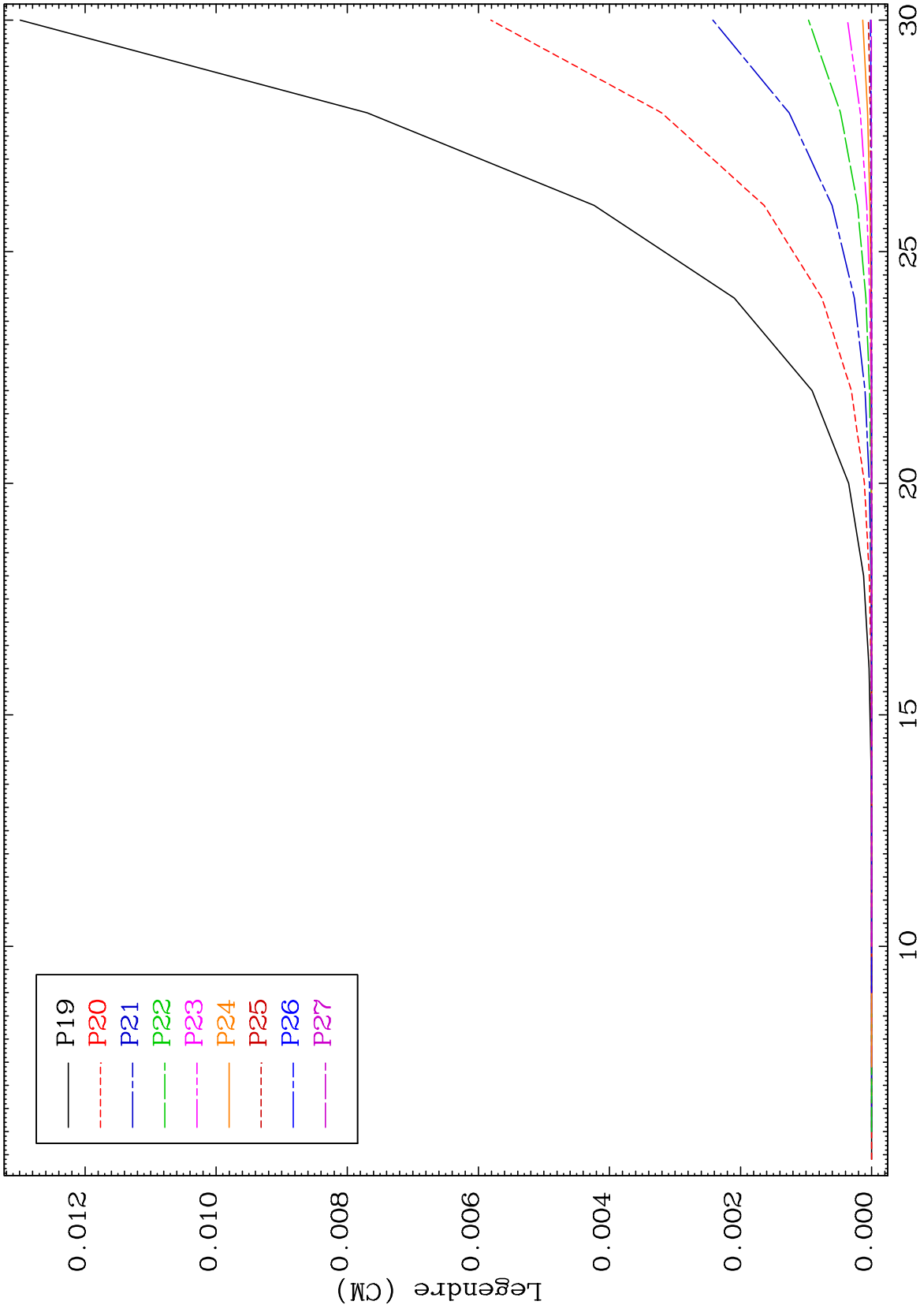
Incident Energy (MeV)

59-Pr-144

MAT 5934

Elastic Legendre Coefficients

59-Pr-144



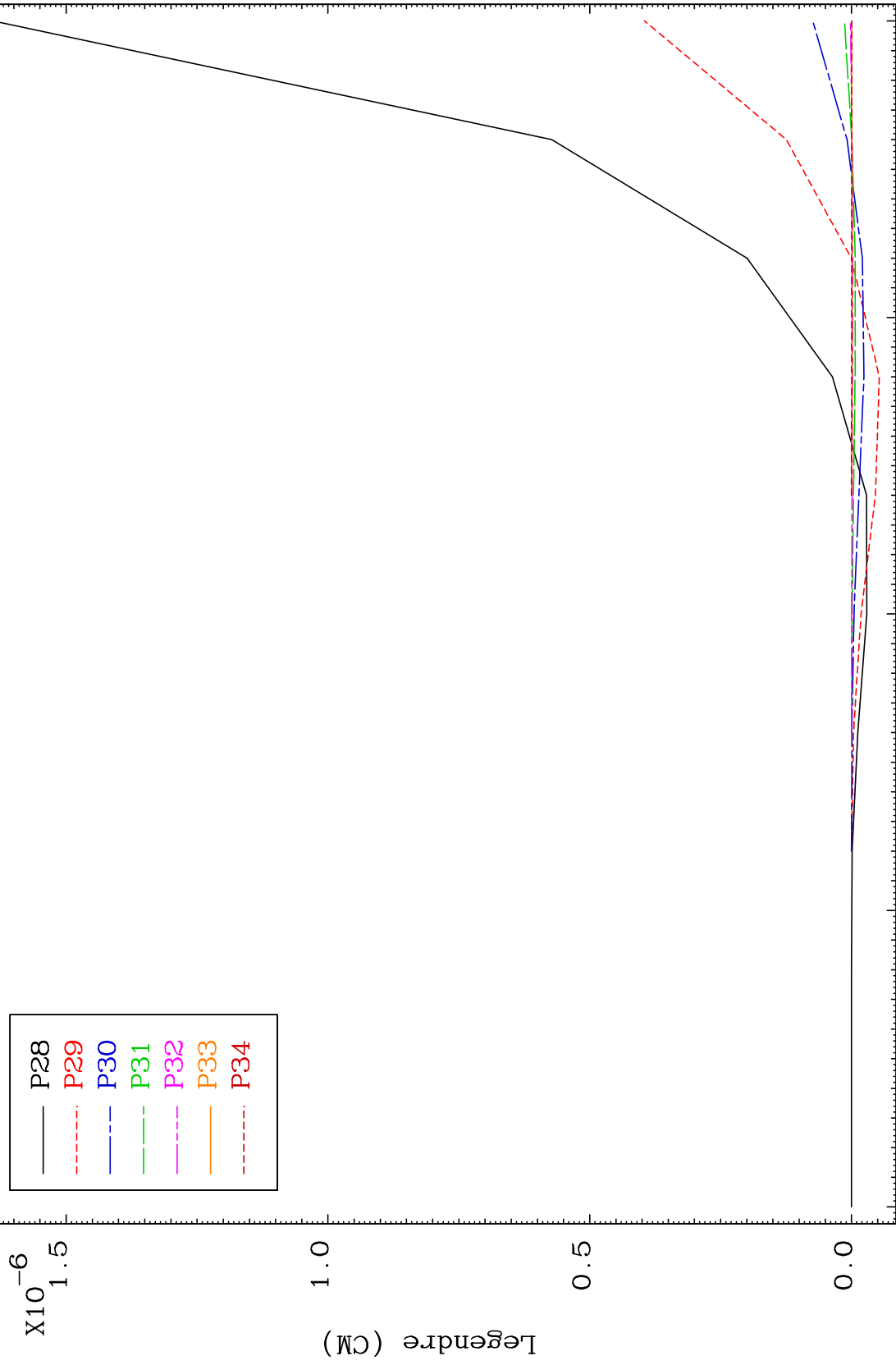
18

59-Pr-144

MAT 5934

Elastic Legendre Coefficients

59-Pr-144



19

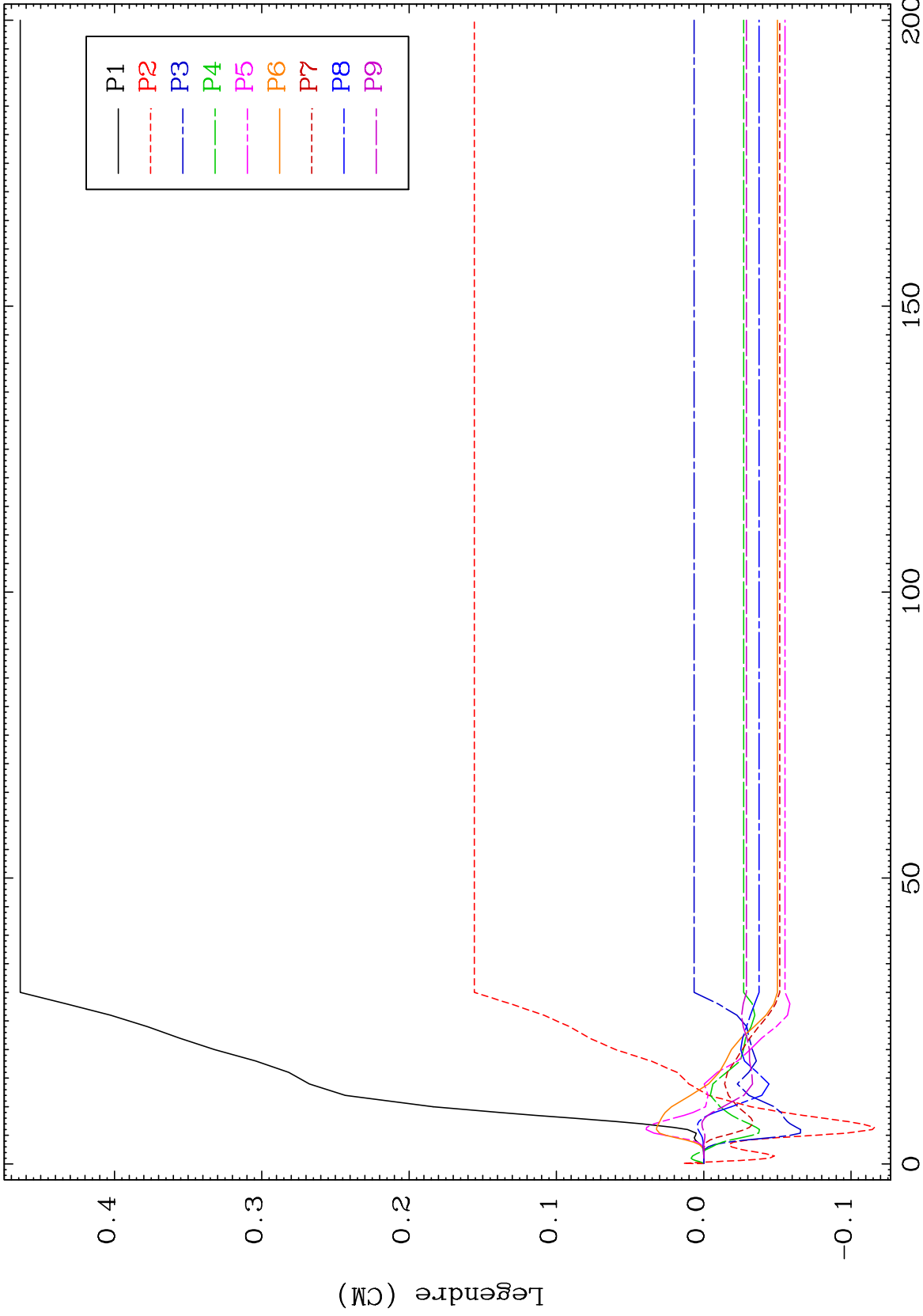
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144

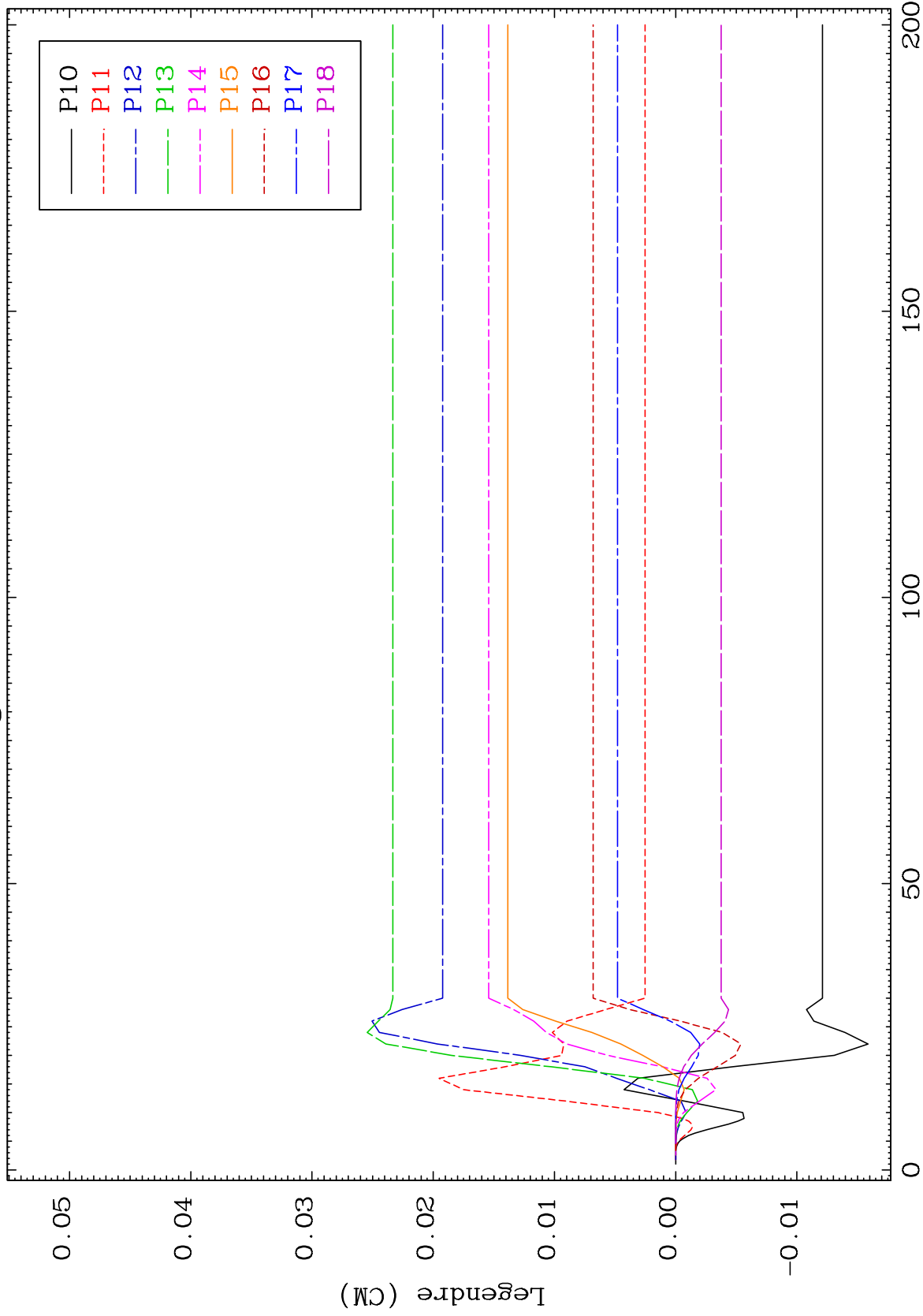


59-Pr-144

MAT 5934

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

59-Pr-144



21

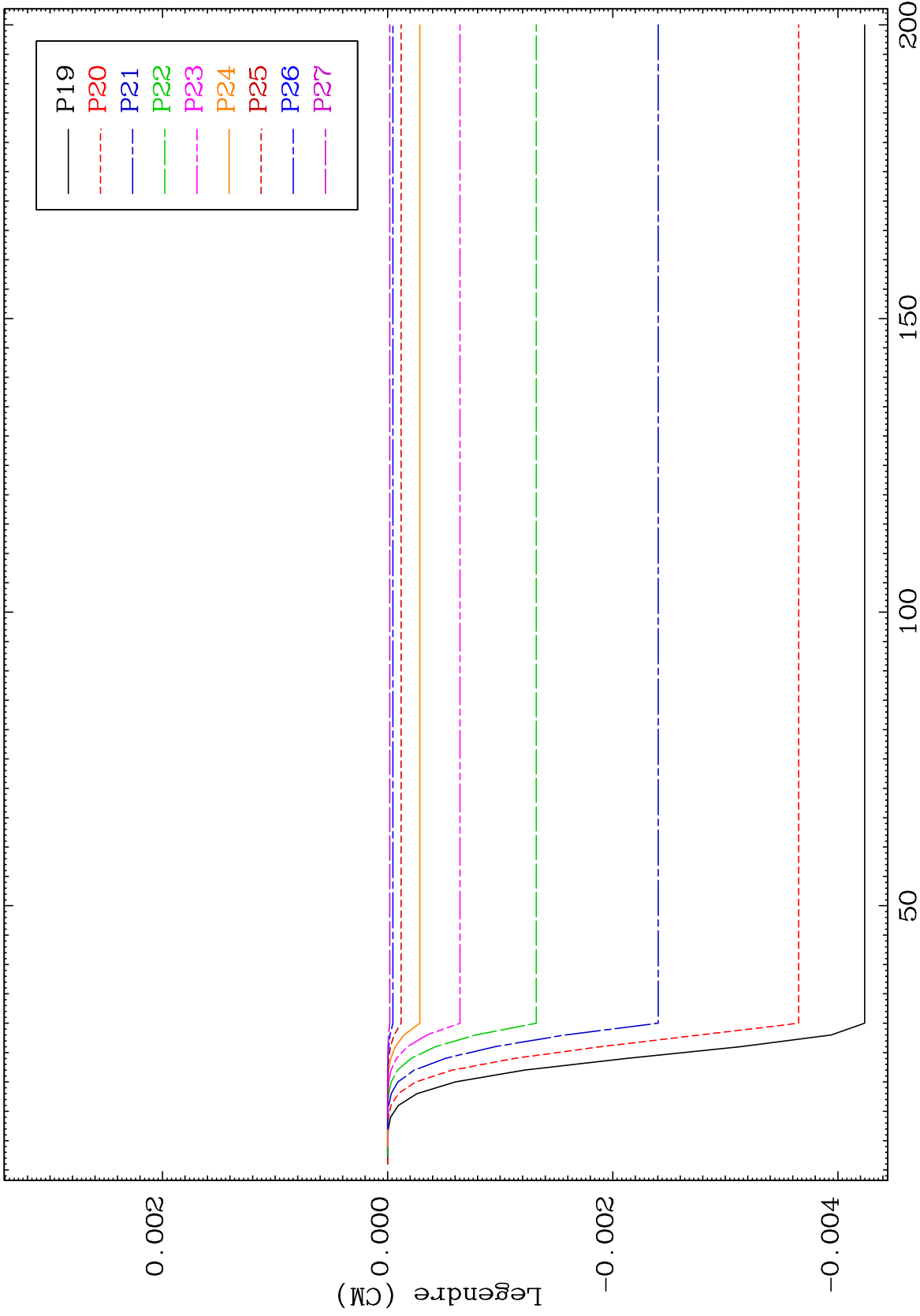
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



22

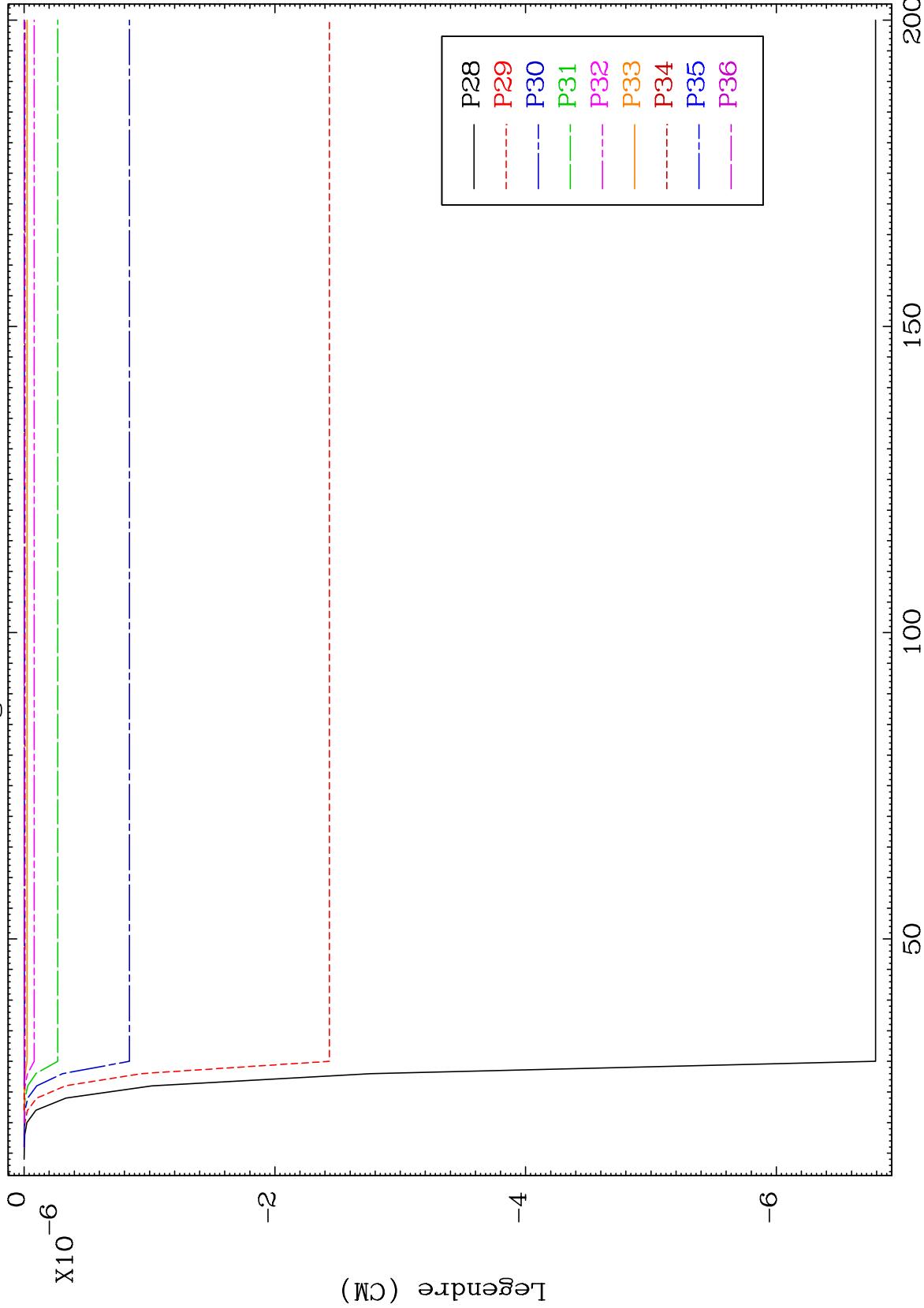
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



23

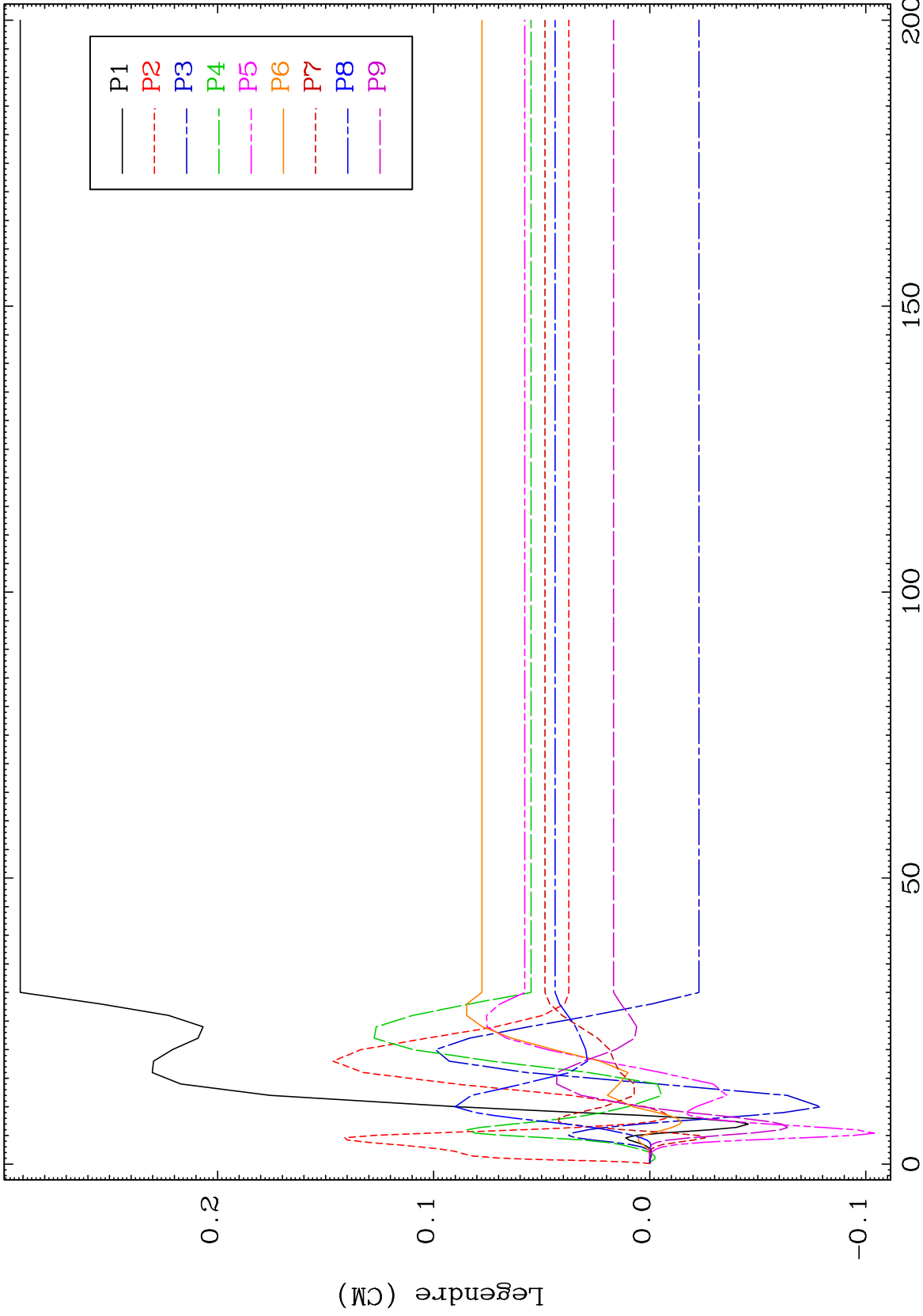
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



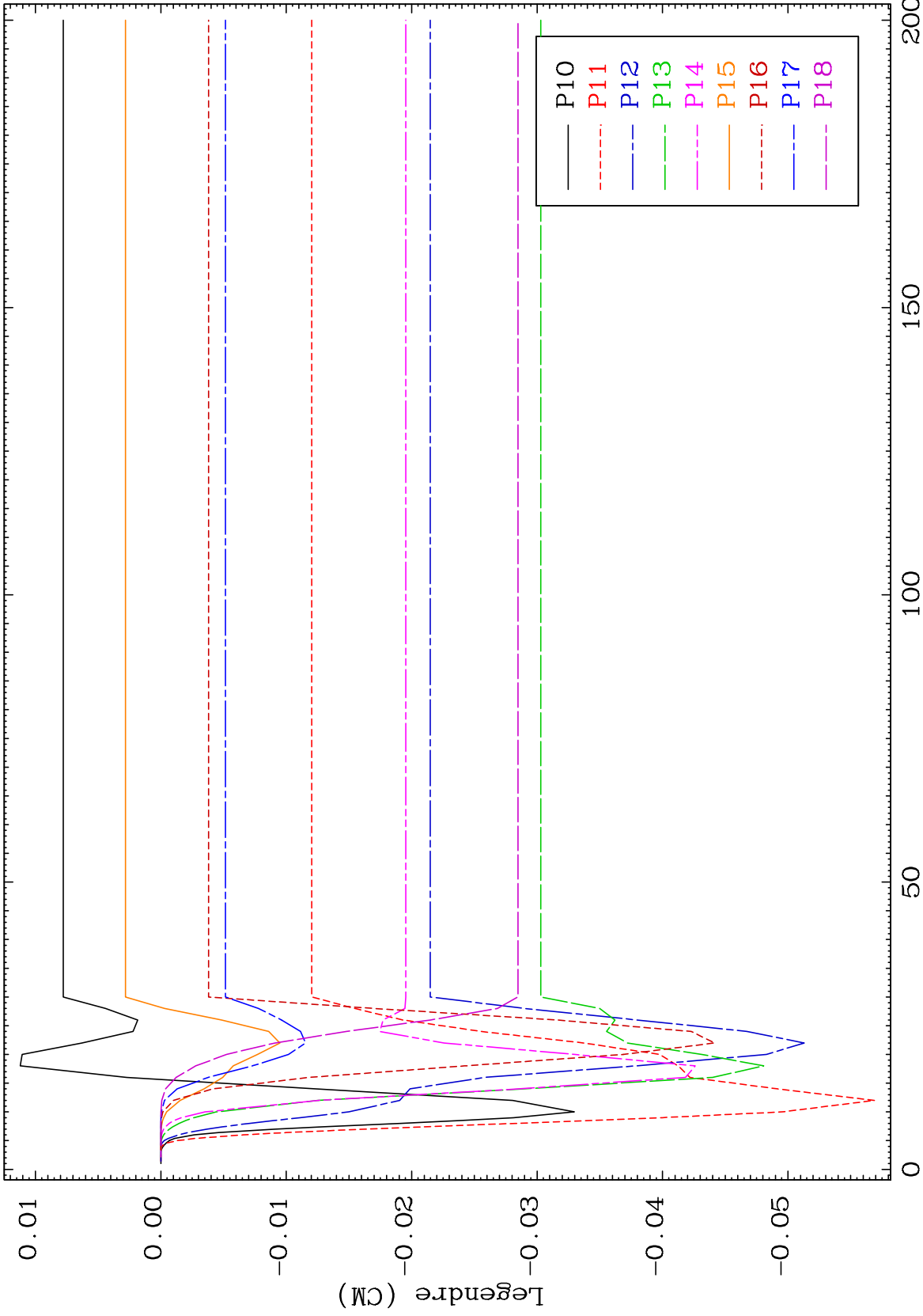
24

59-Pr-144

MAT 5934

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

59-Pr-144



25

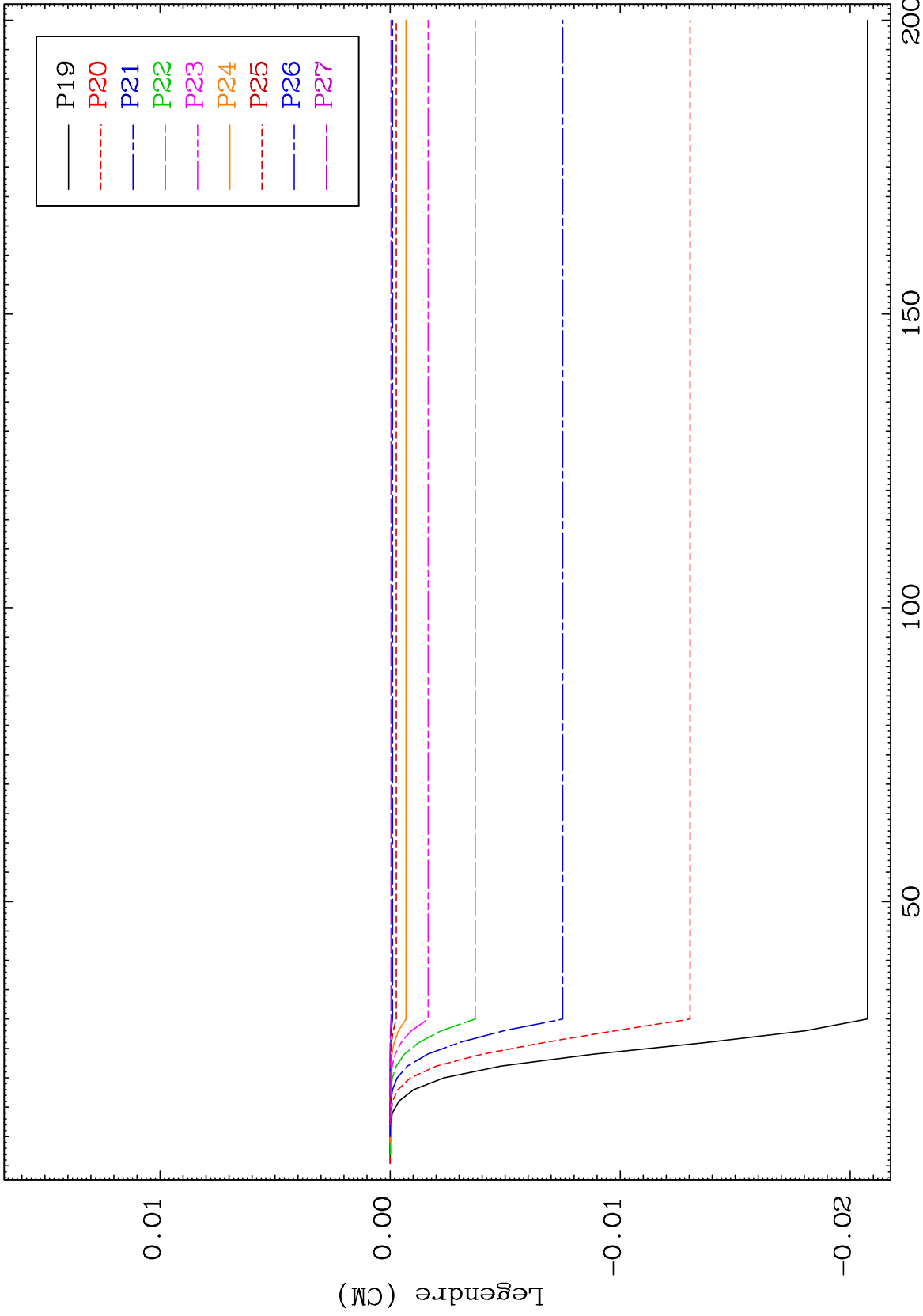
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



26

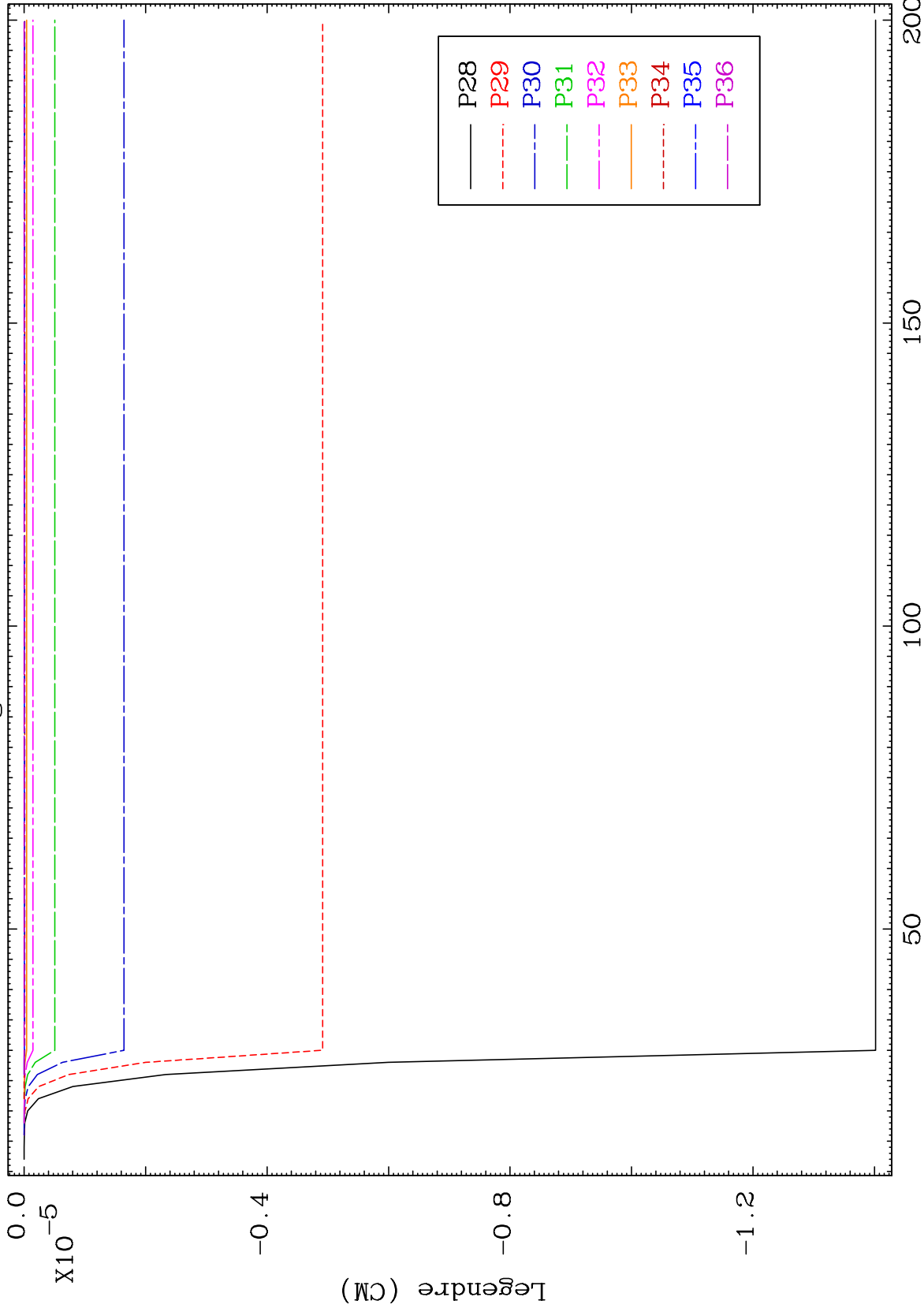
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



27

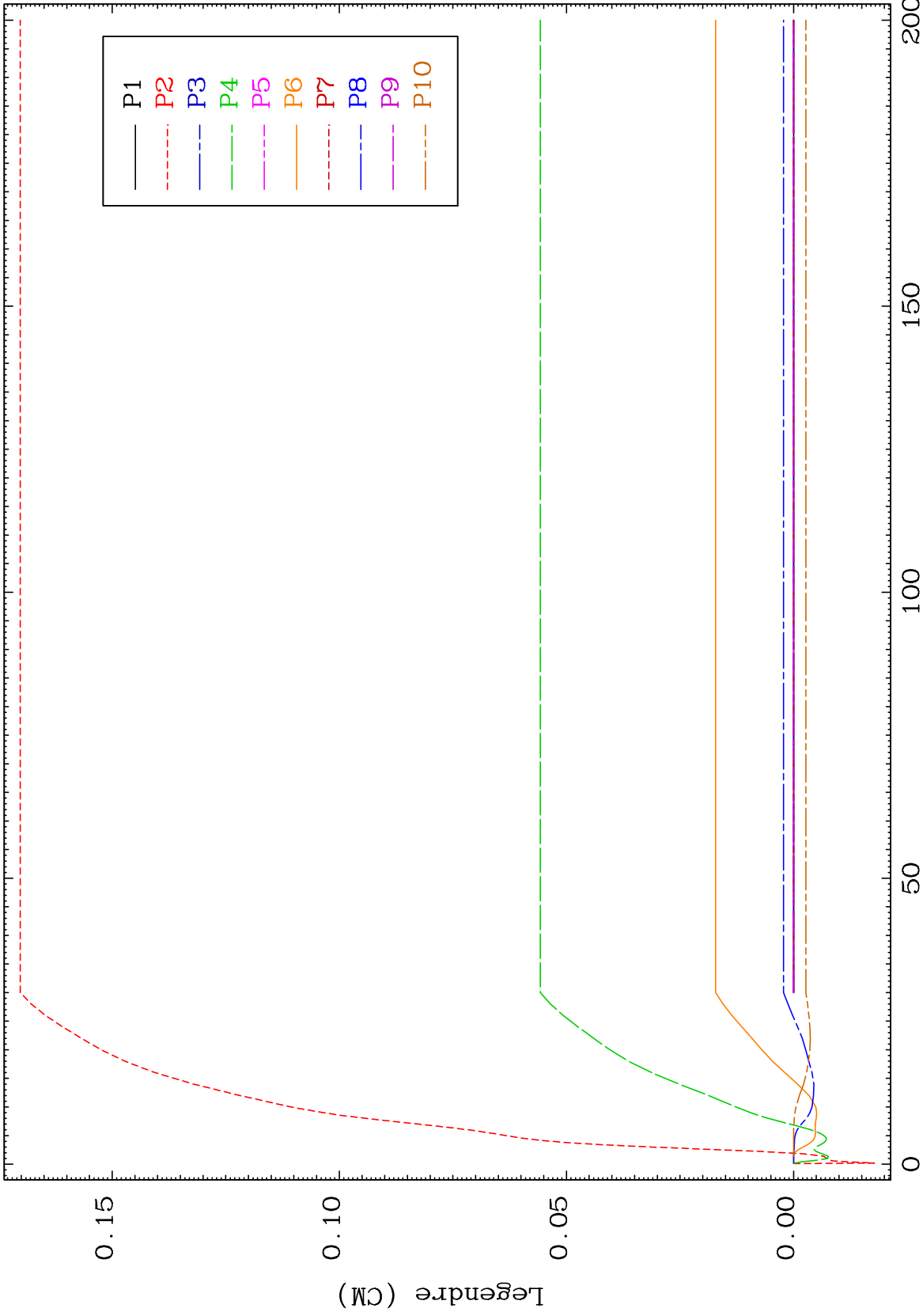
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



28

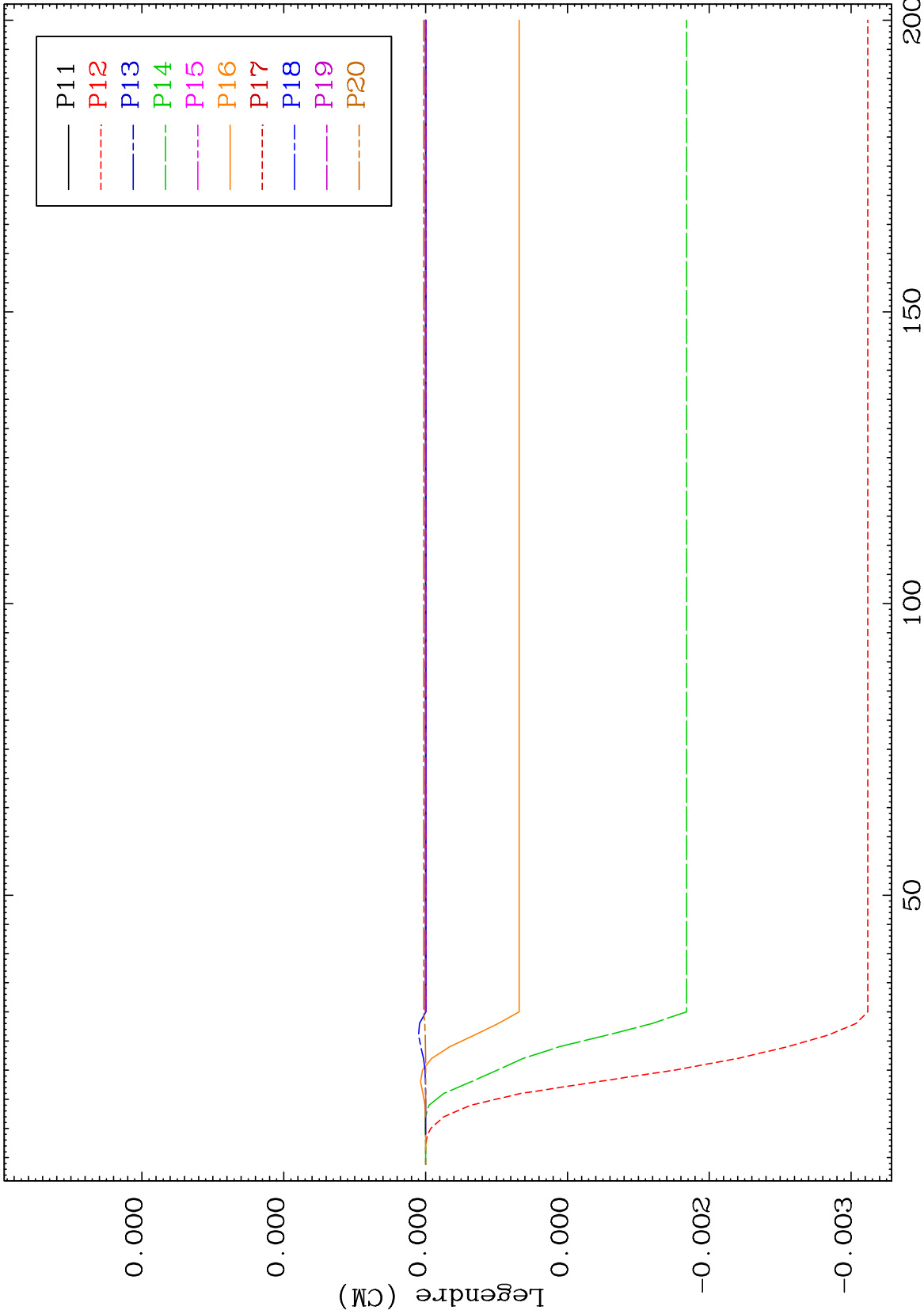
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



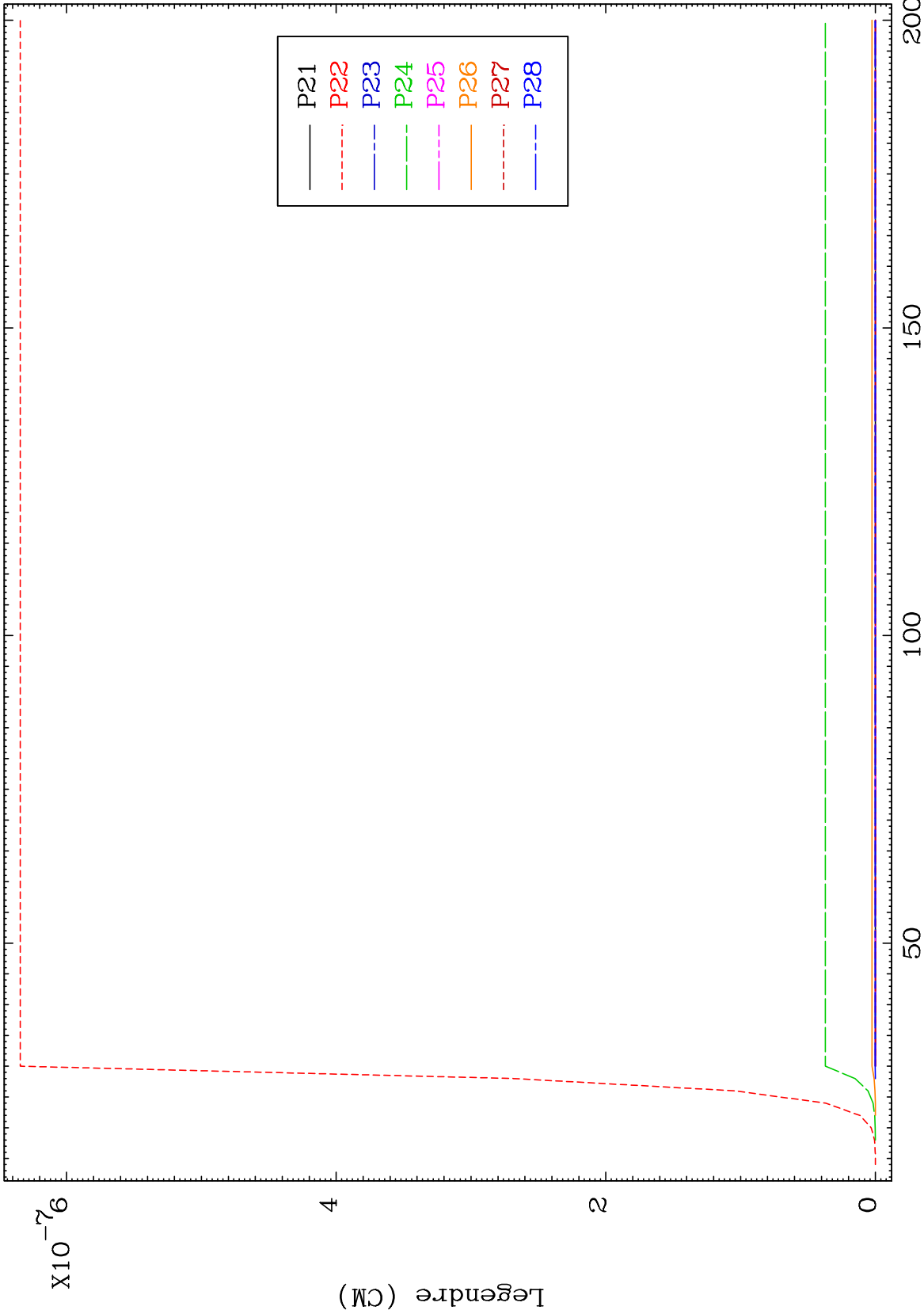
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59-Pr-144

MAT 5934

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

59-Pr-144



30

50

100

150

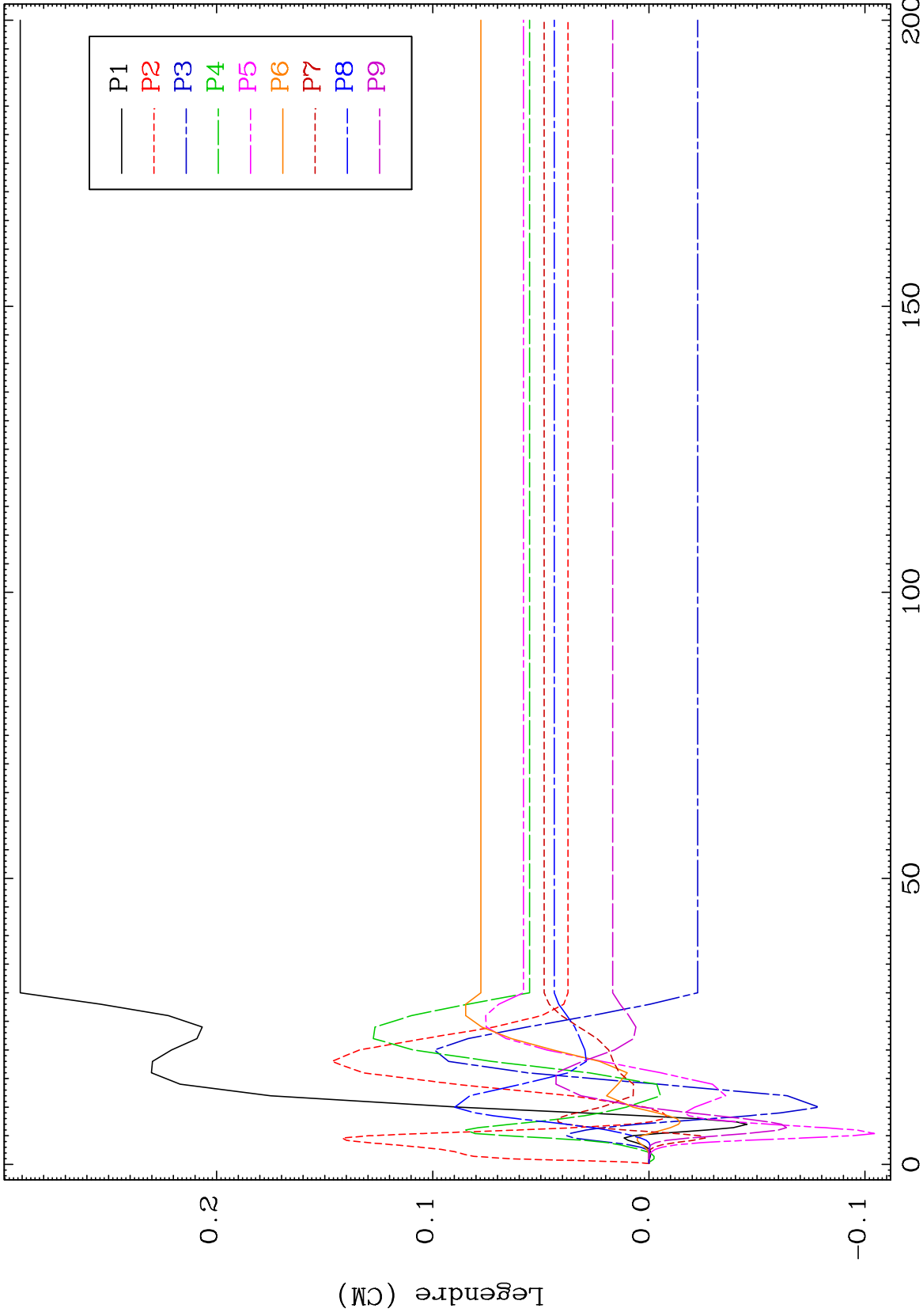
200

59-Pr-144

MAT 5934

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

59-Pr-144



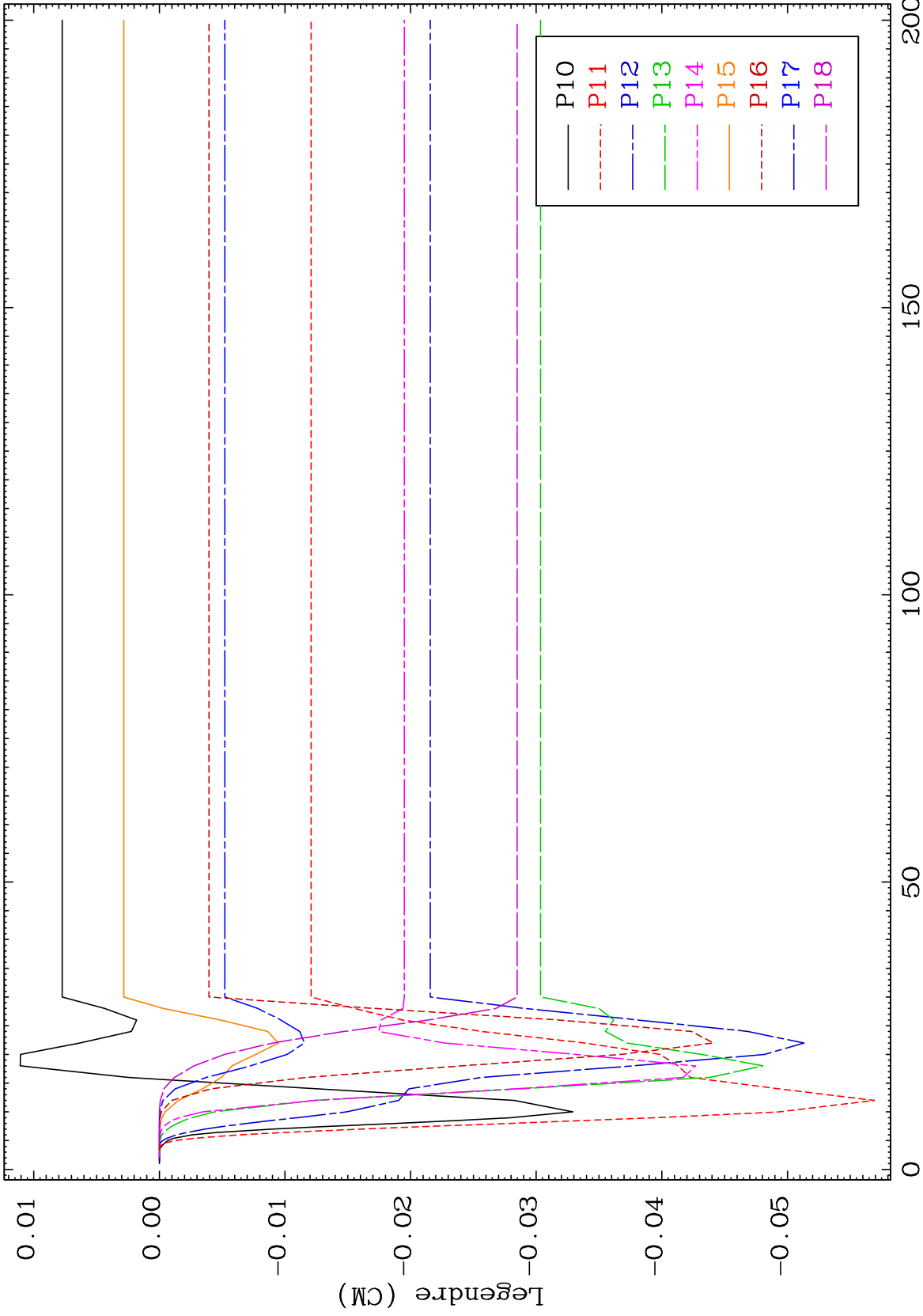
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59-Pr-144

MAT 5934

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

59-Pr-144



32

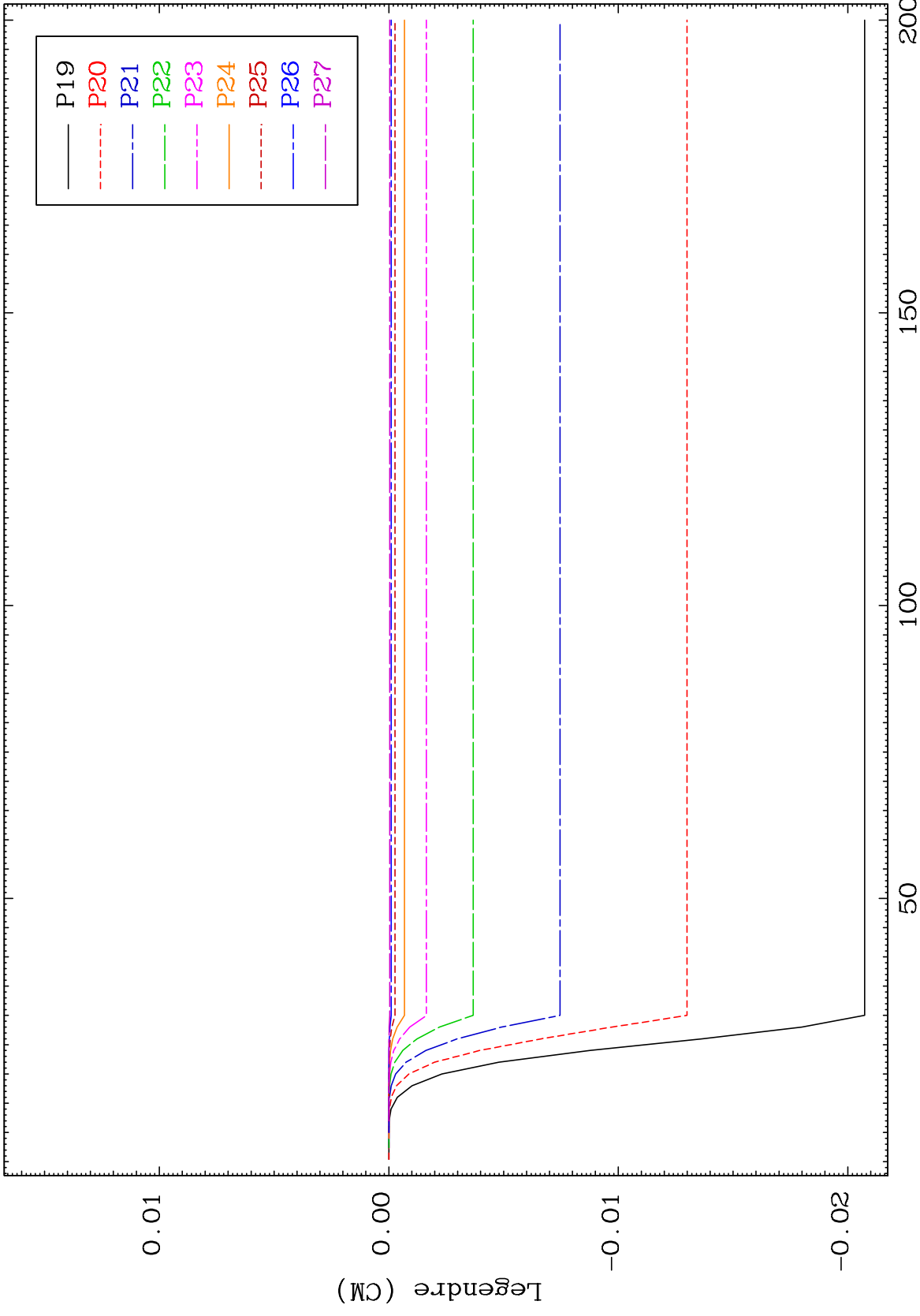
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



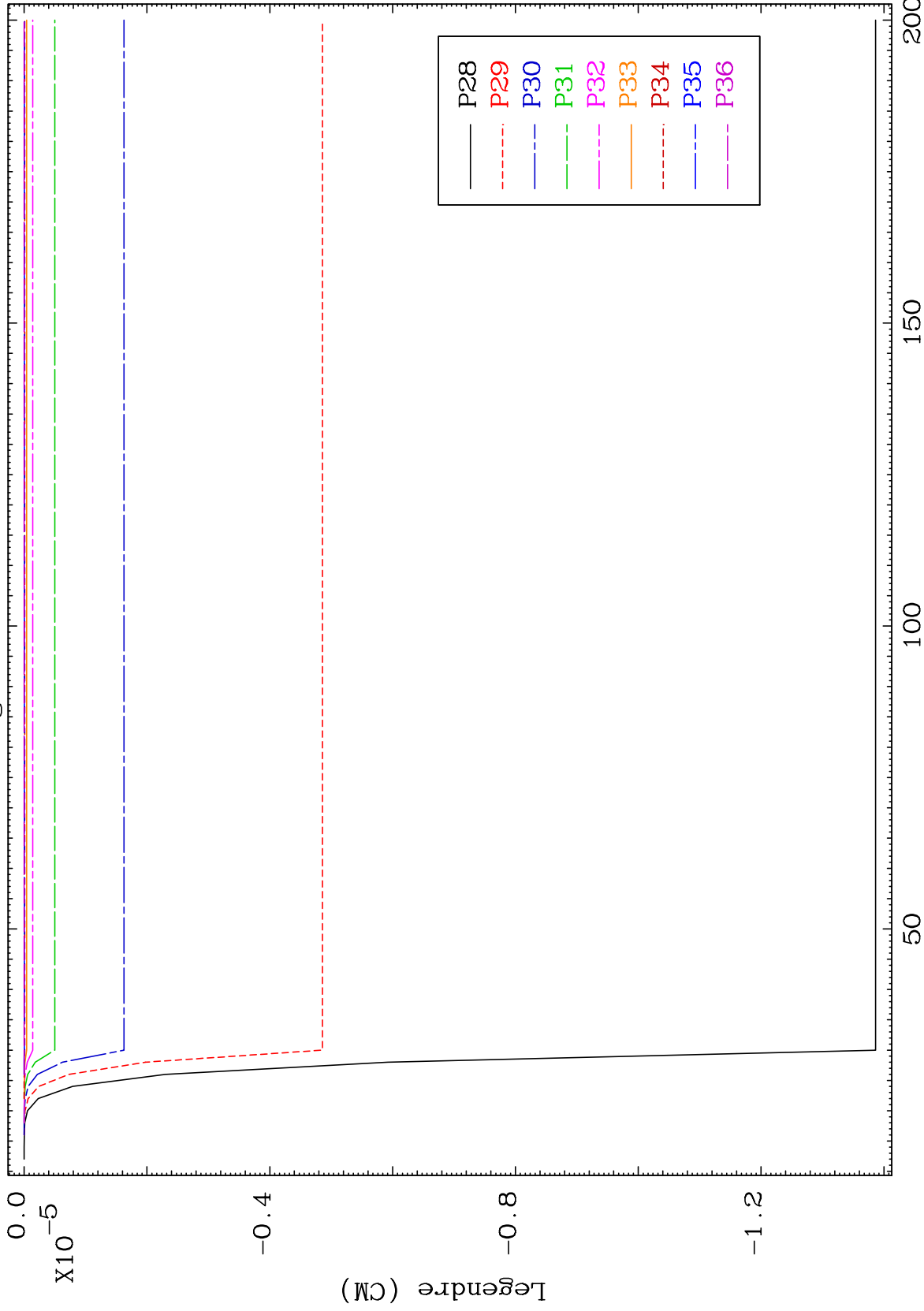
33

59-Pr-144

MAT 5934

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

59-Pr-144



34

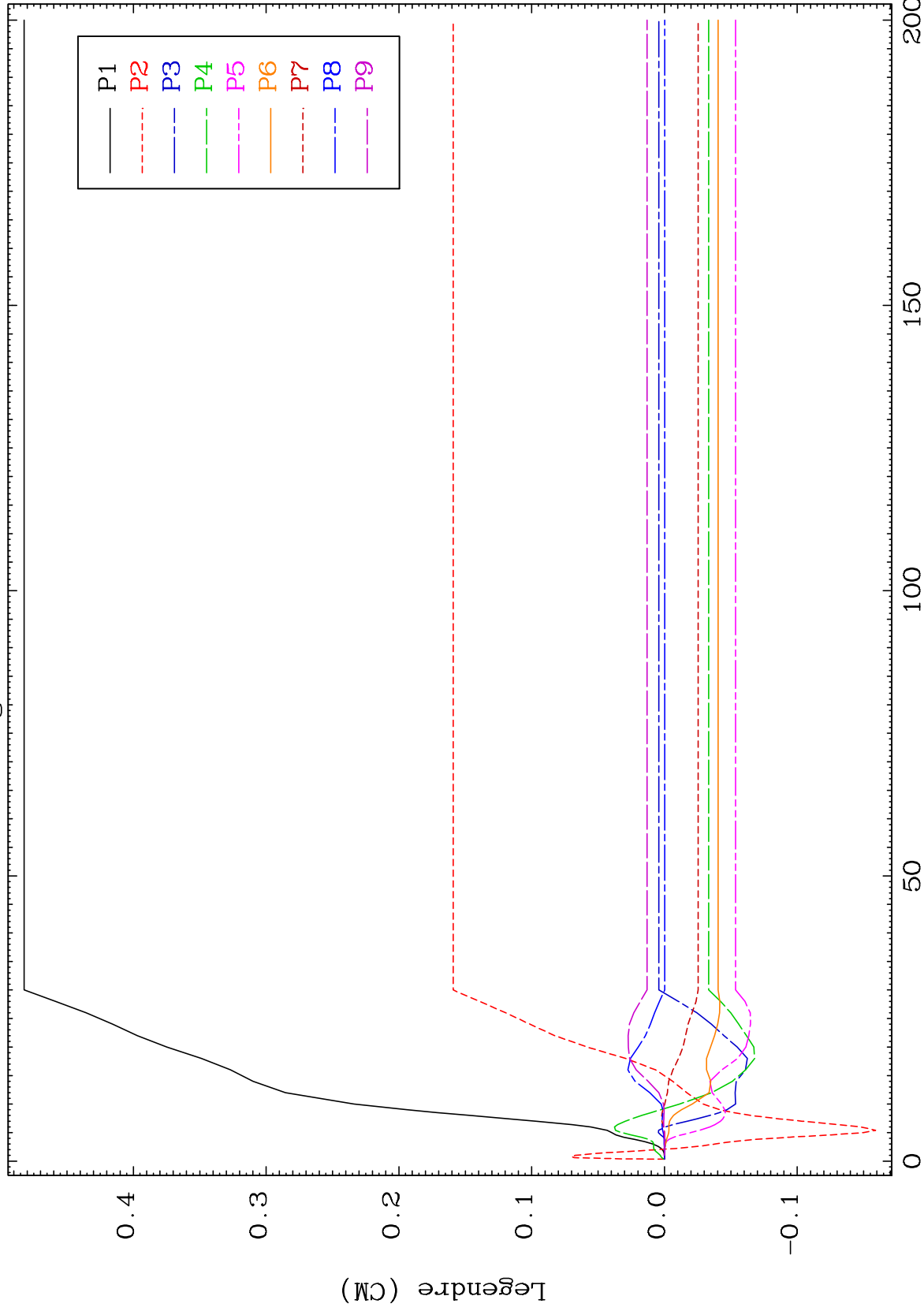
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

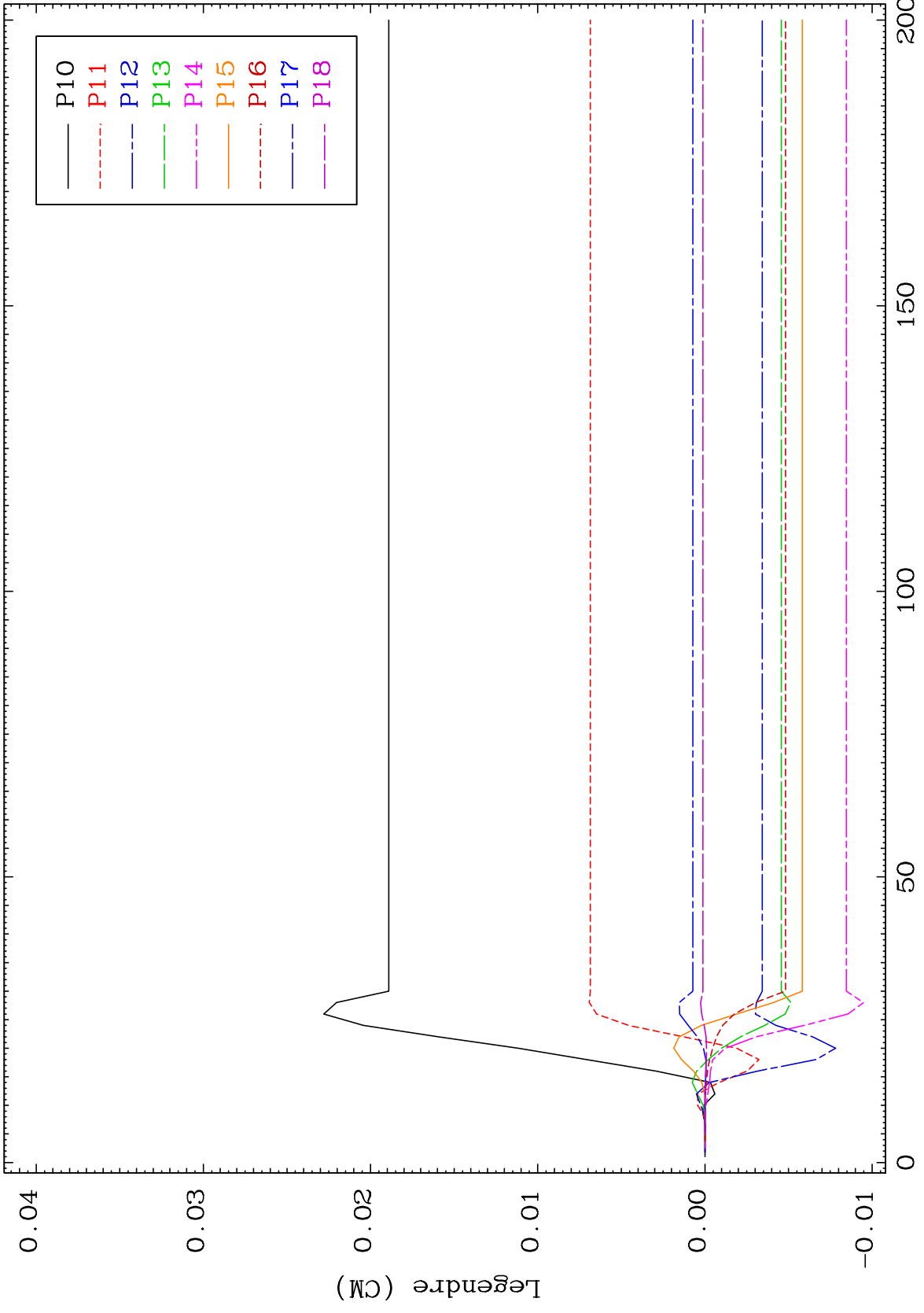
Incident Energy (MeV)

35

MAT 5934

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

59-Pr-144



36

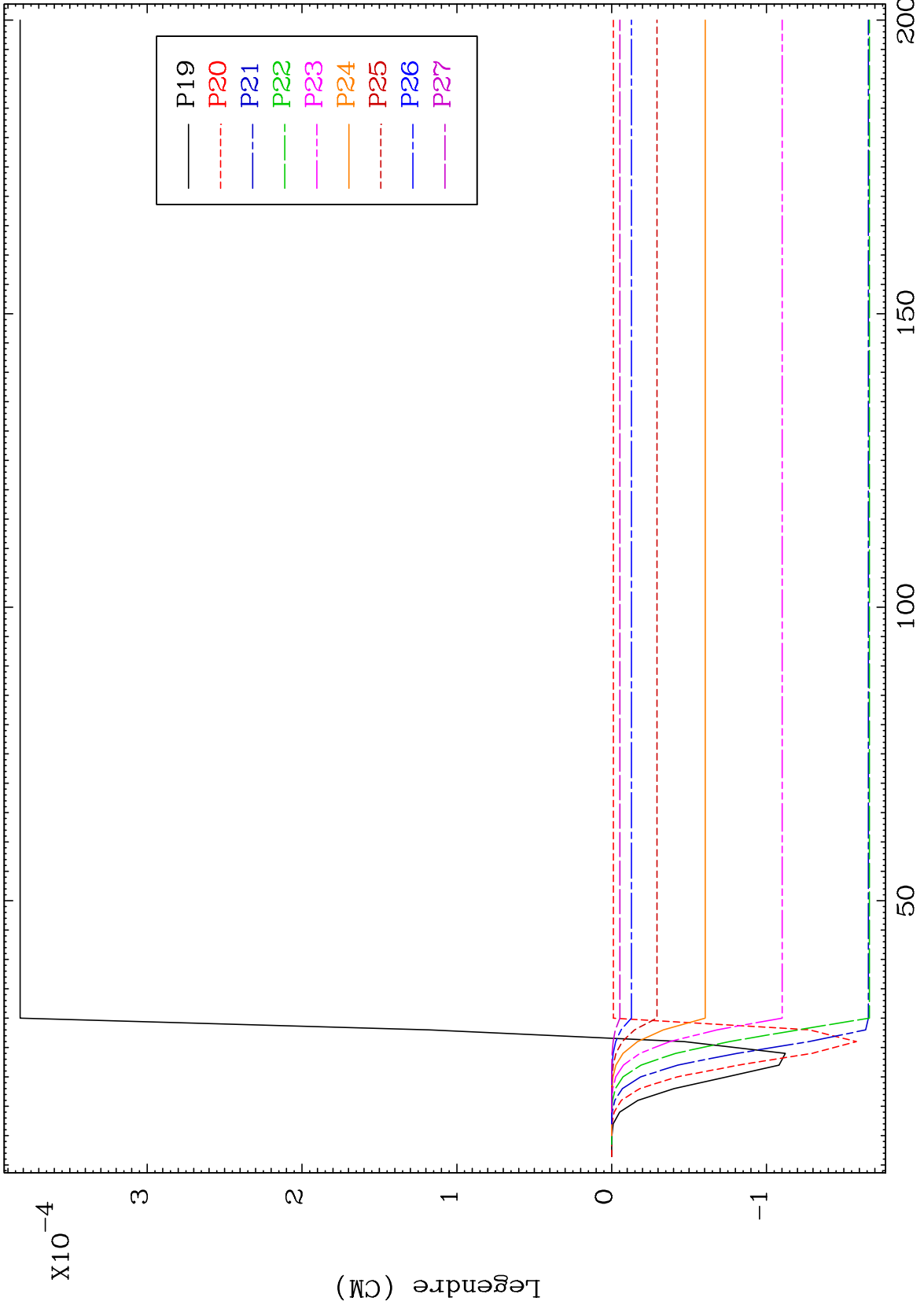
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



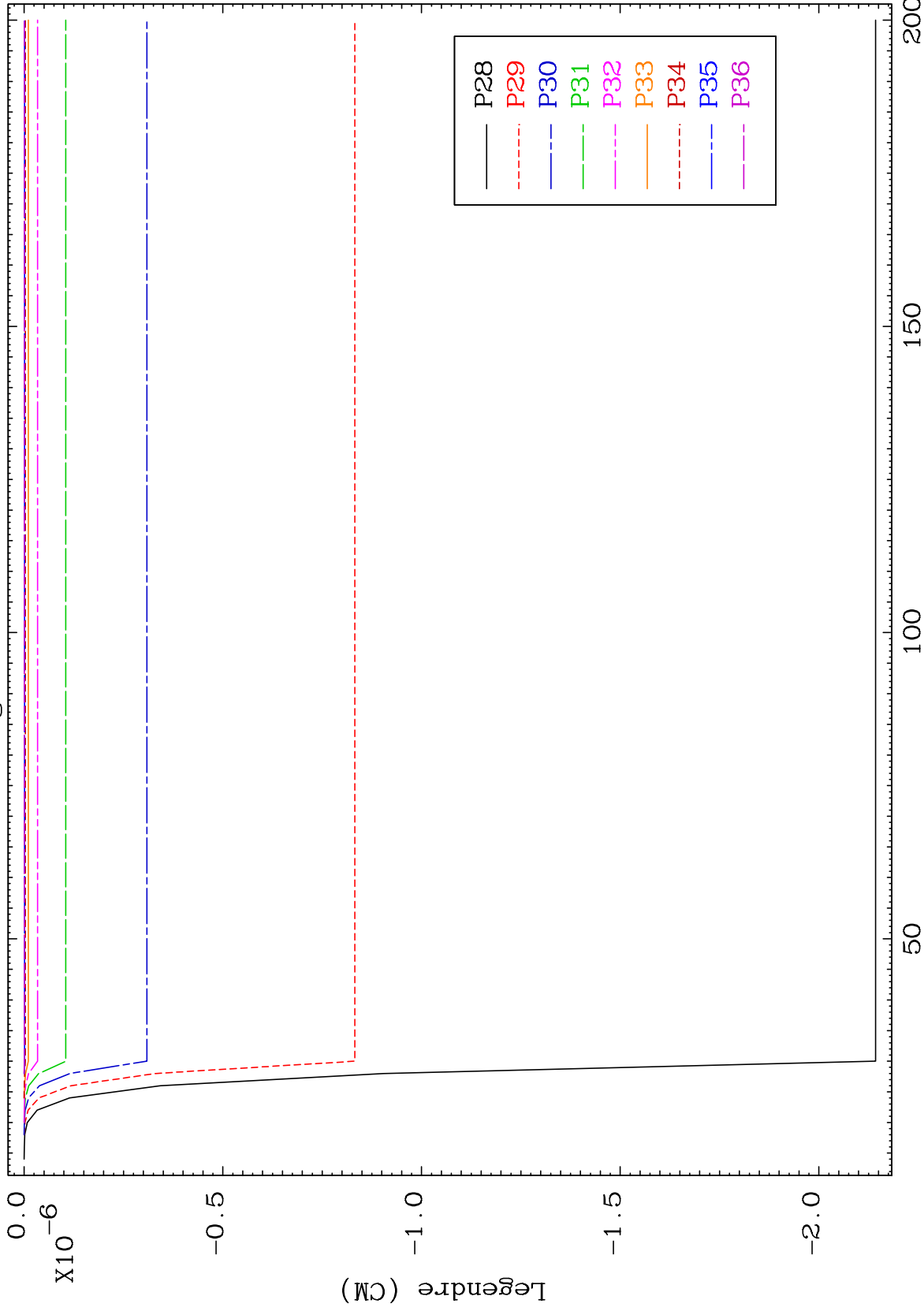
37

59-Pr-144

MAT 5934

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

59-Pr-144



38

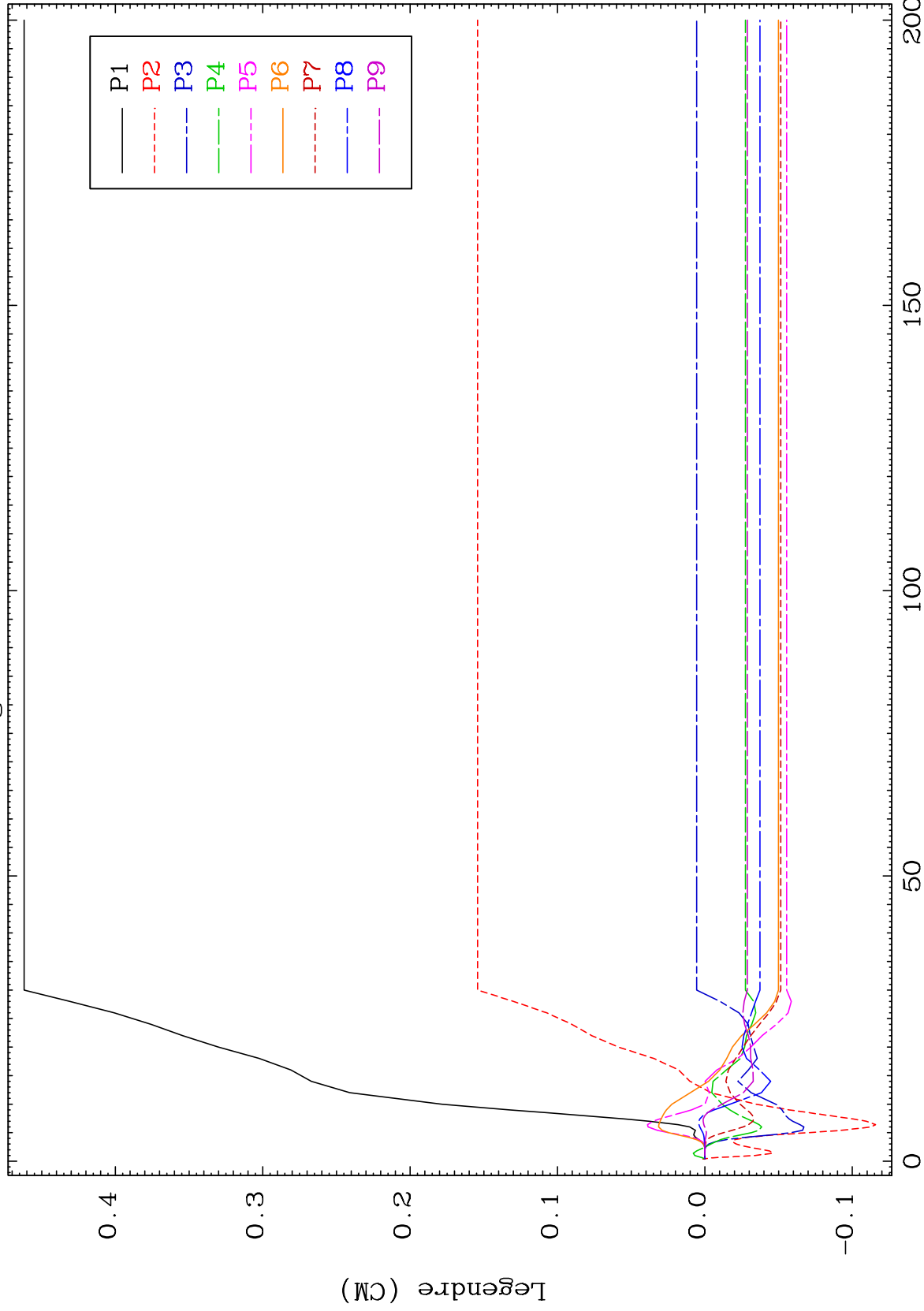
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



39

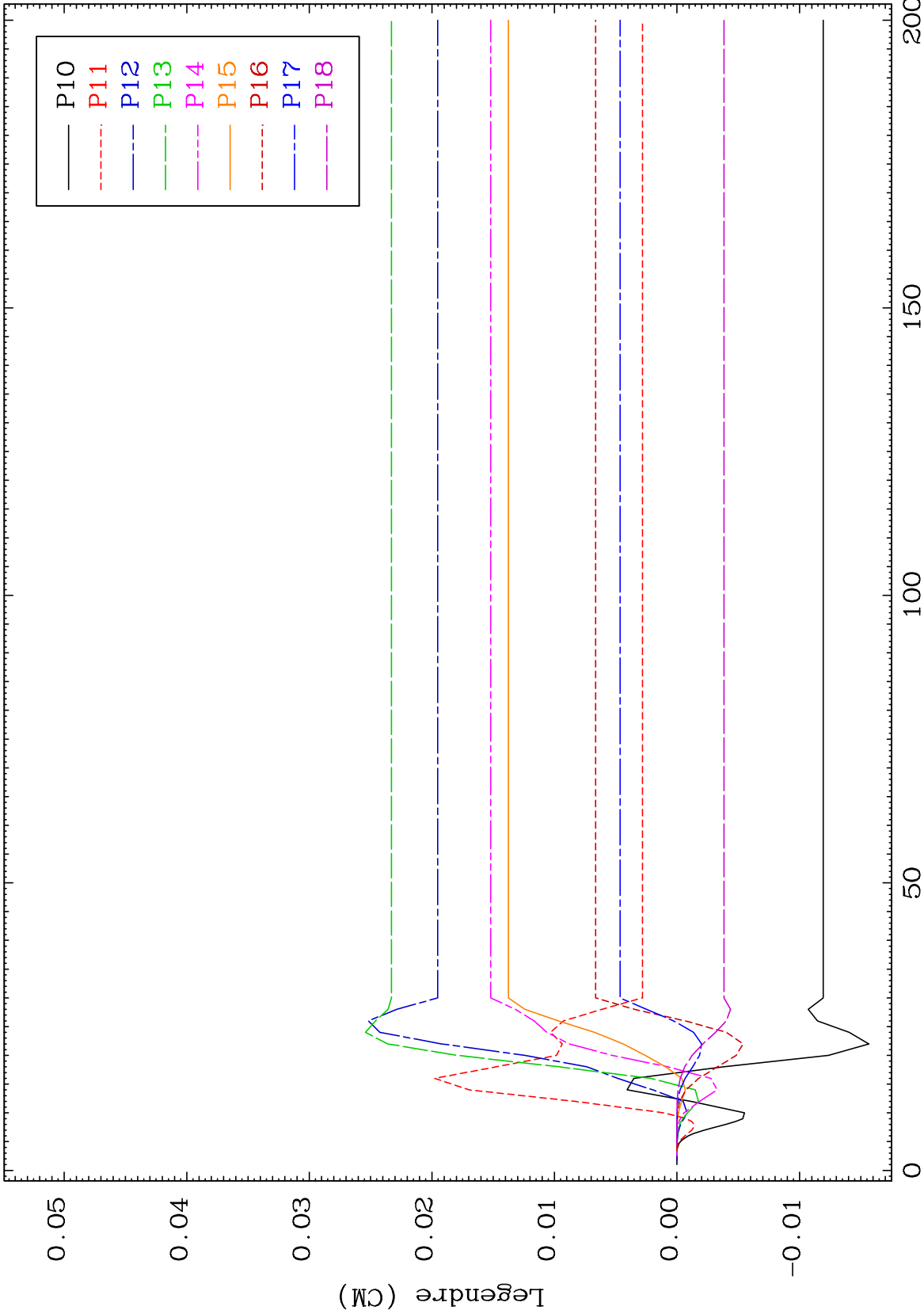
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



40

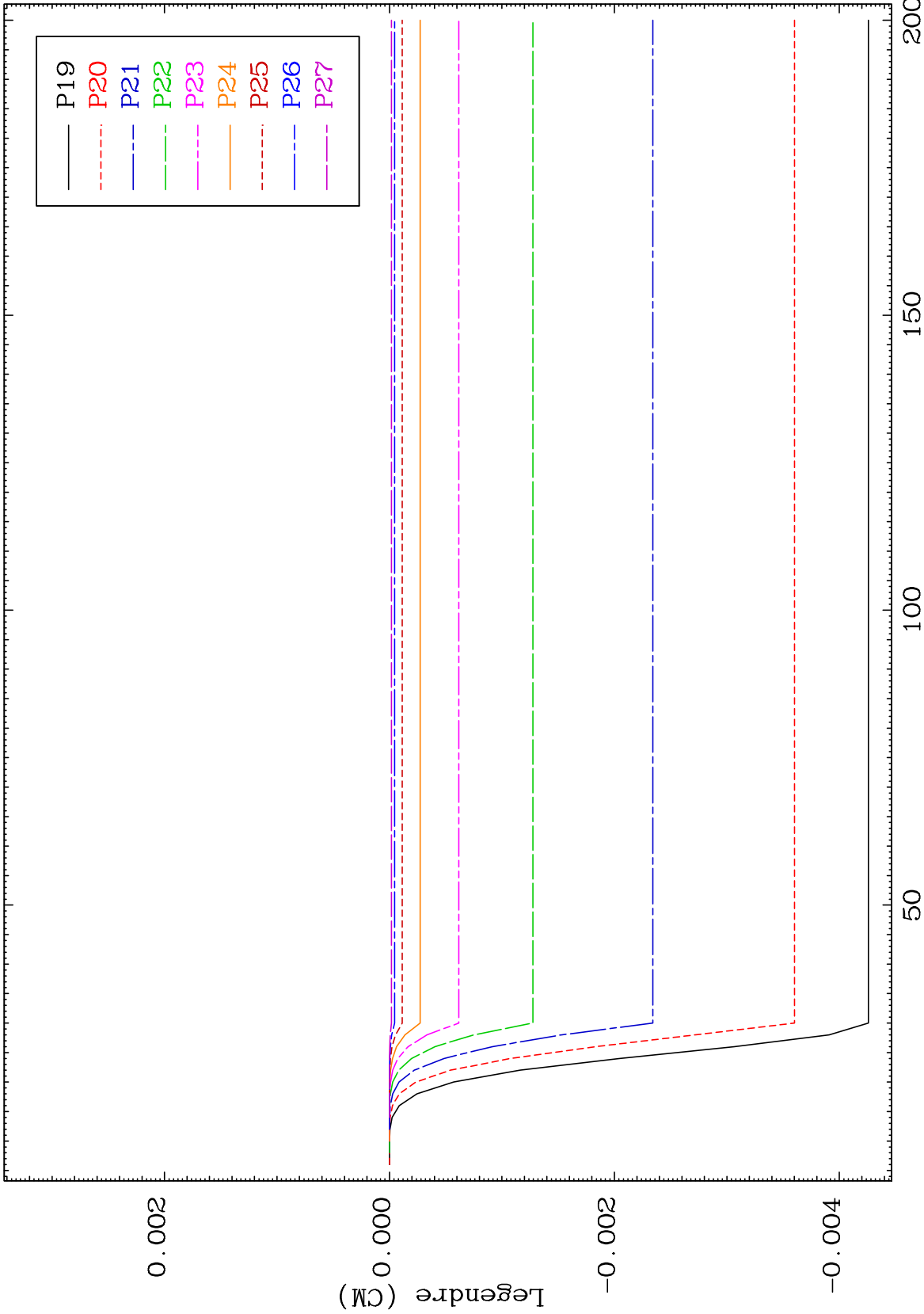
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



41

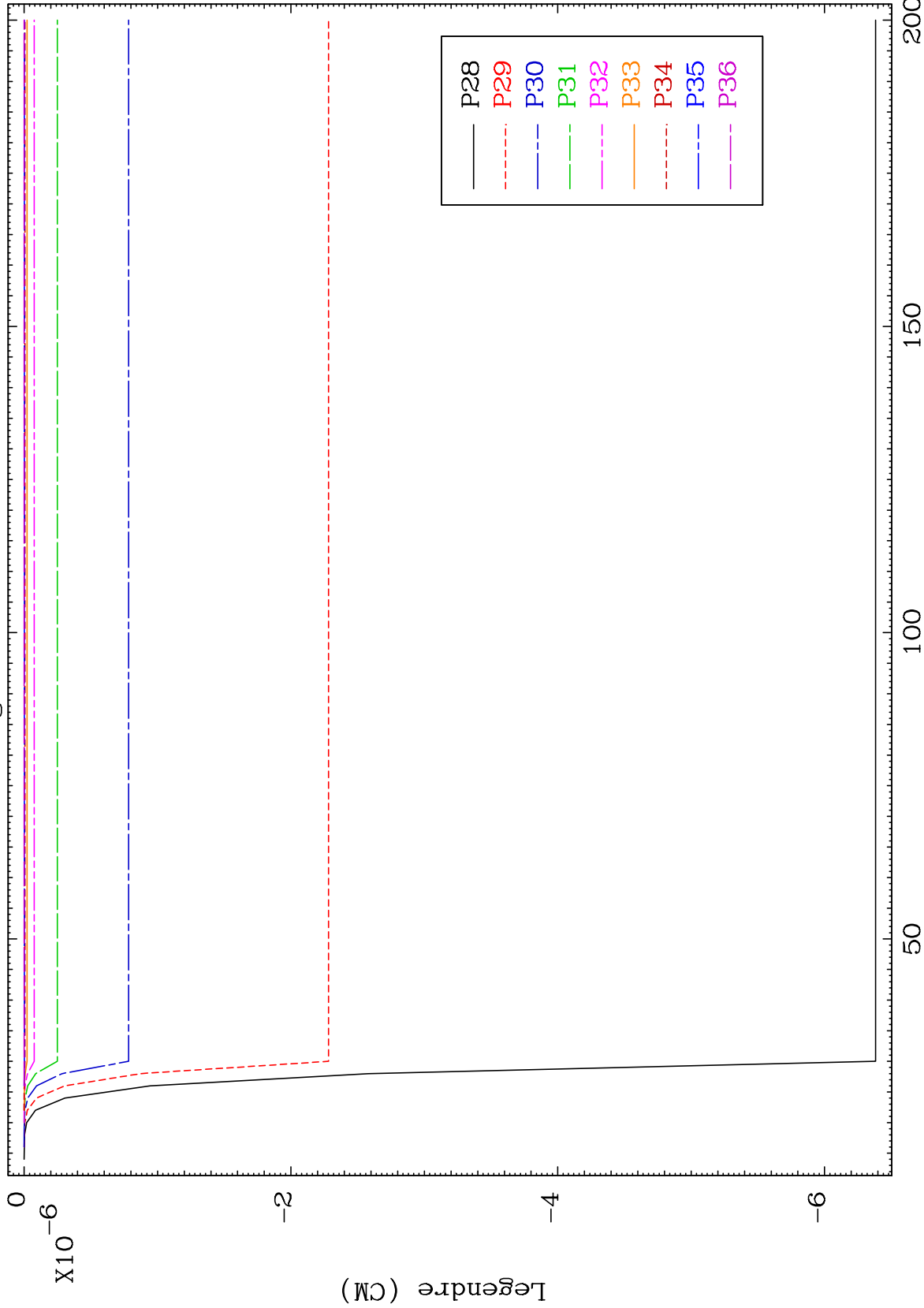
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



42

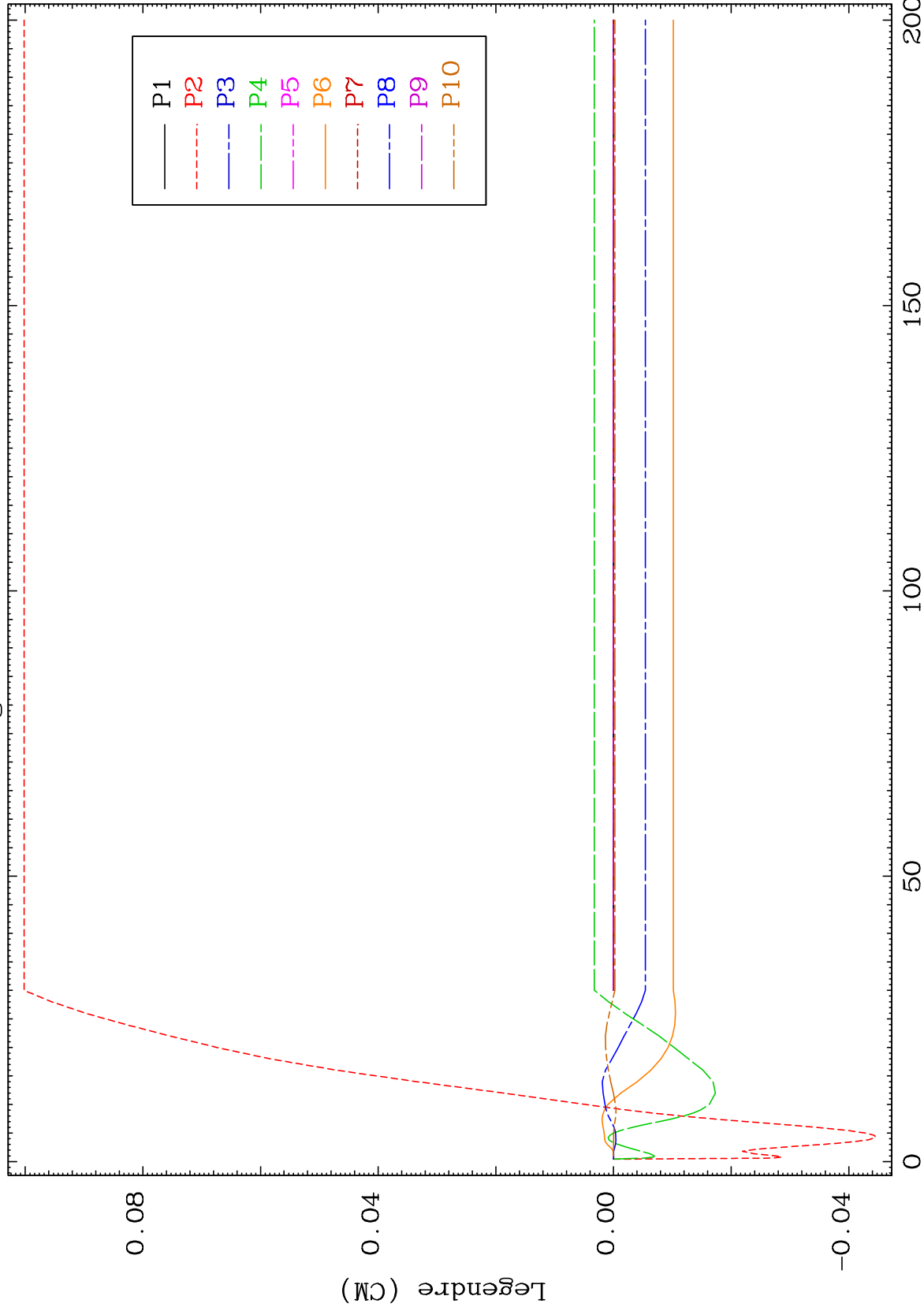
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



43

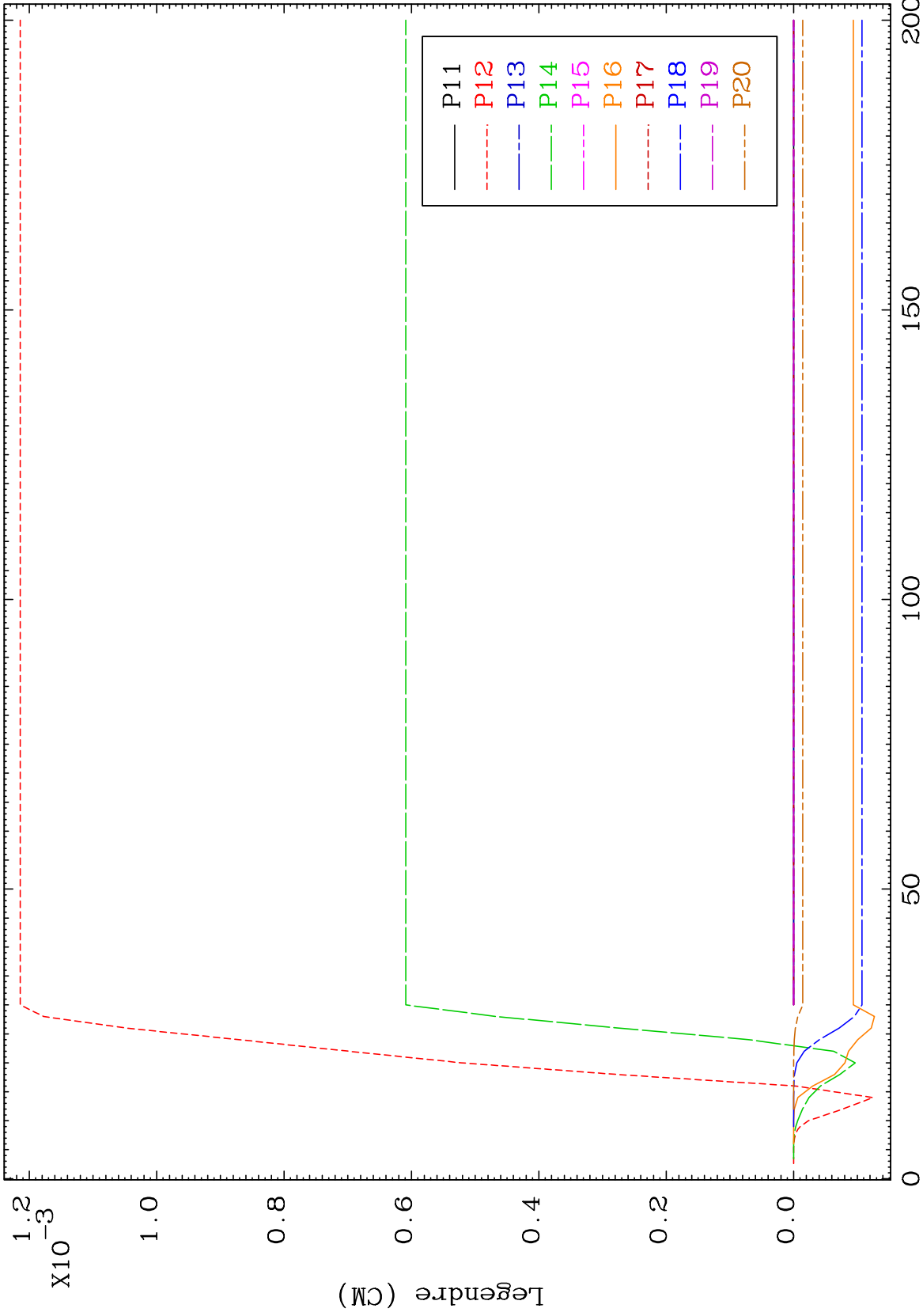
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



44

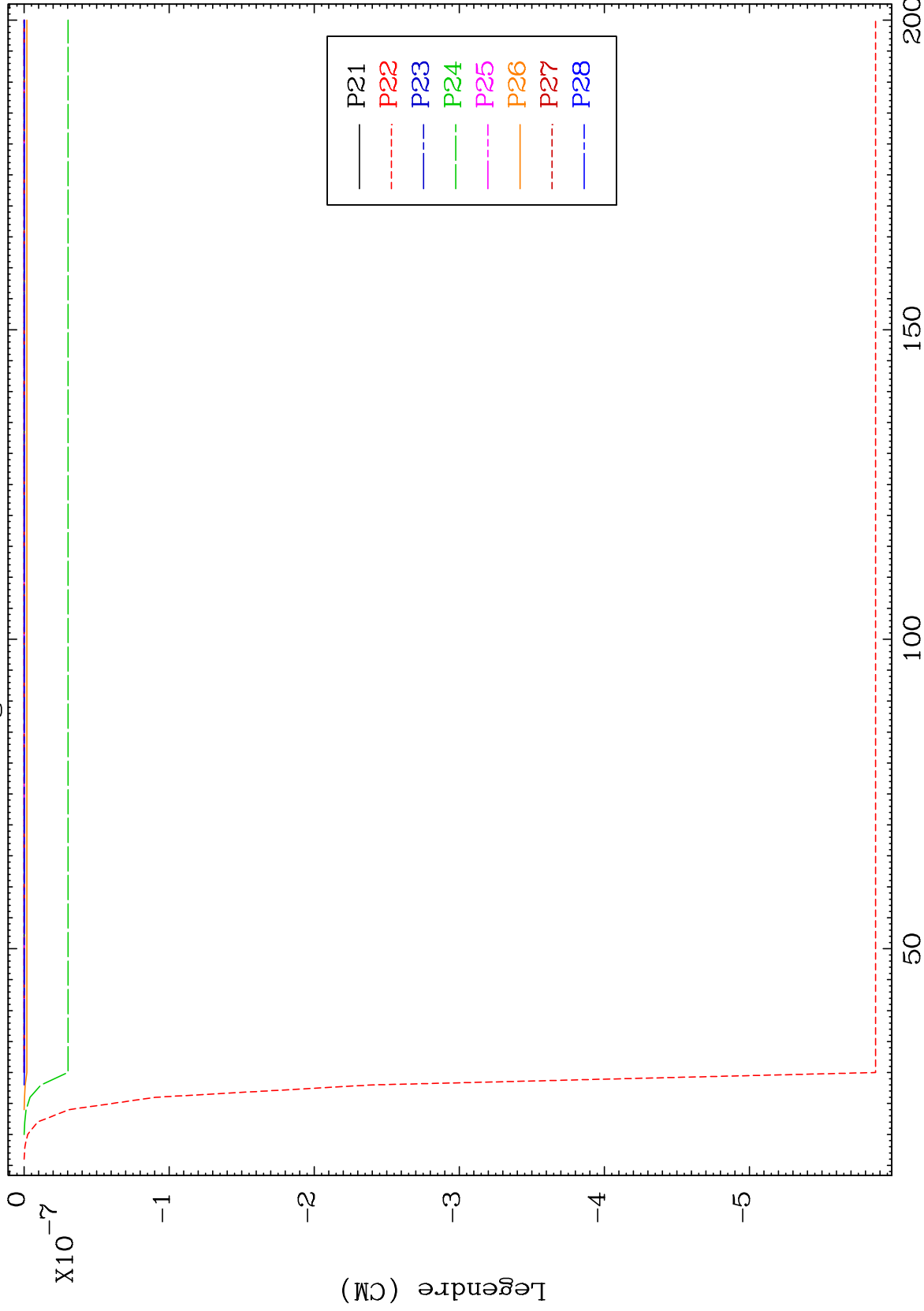
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



45

Incident Energy (MeV)

50

100

150

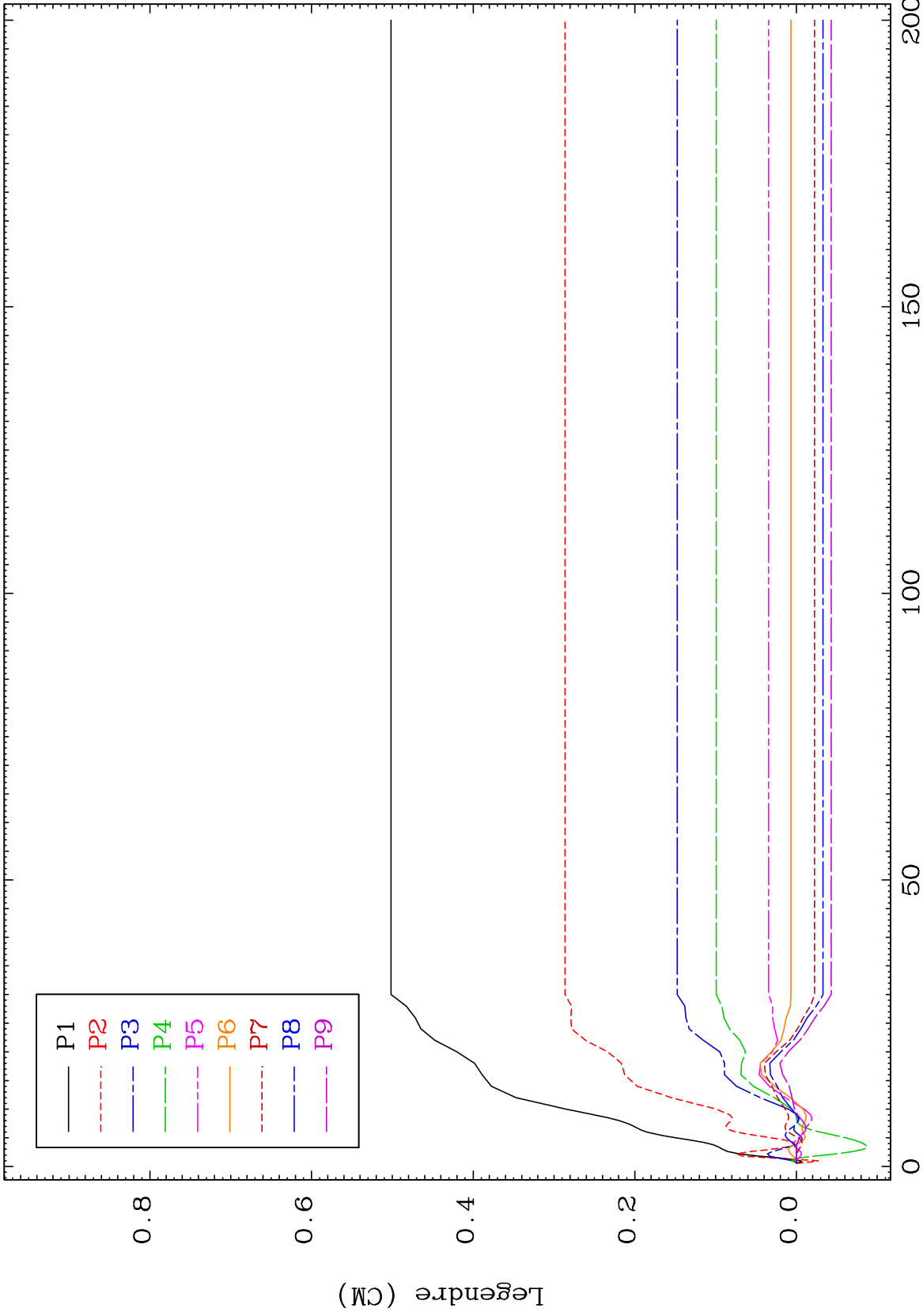
200

59-Pr-144

MAT 5934

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

59-Pr-144



46

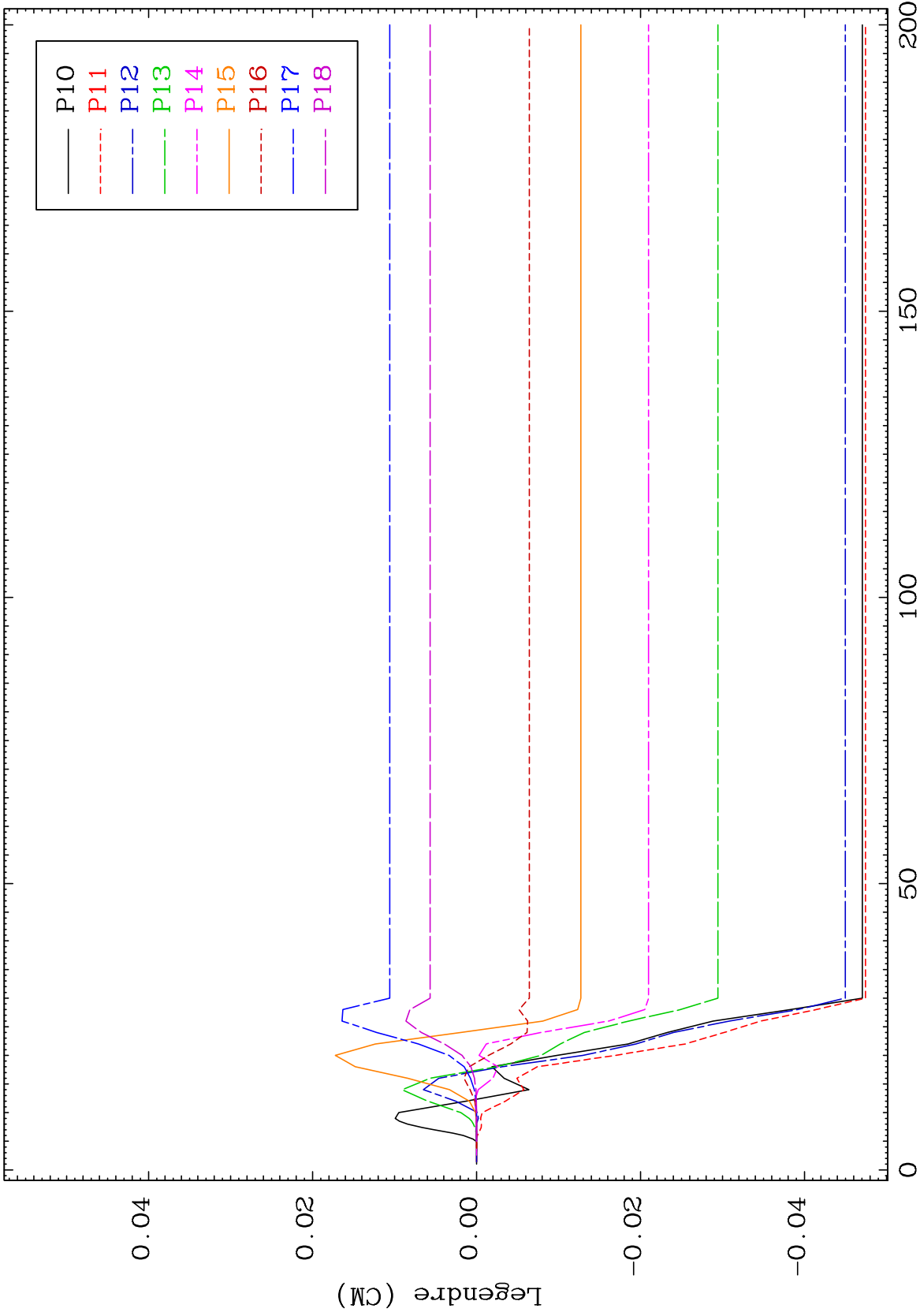
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



47

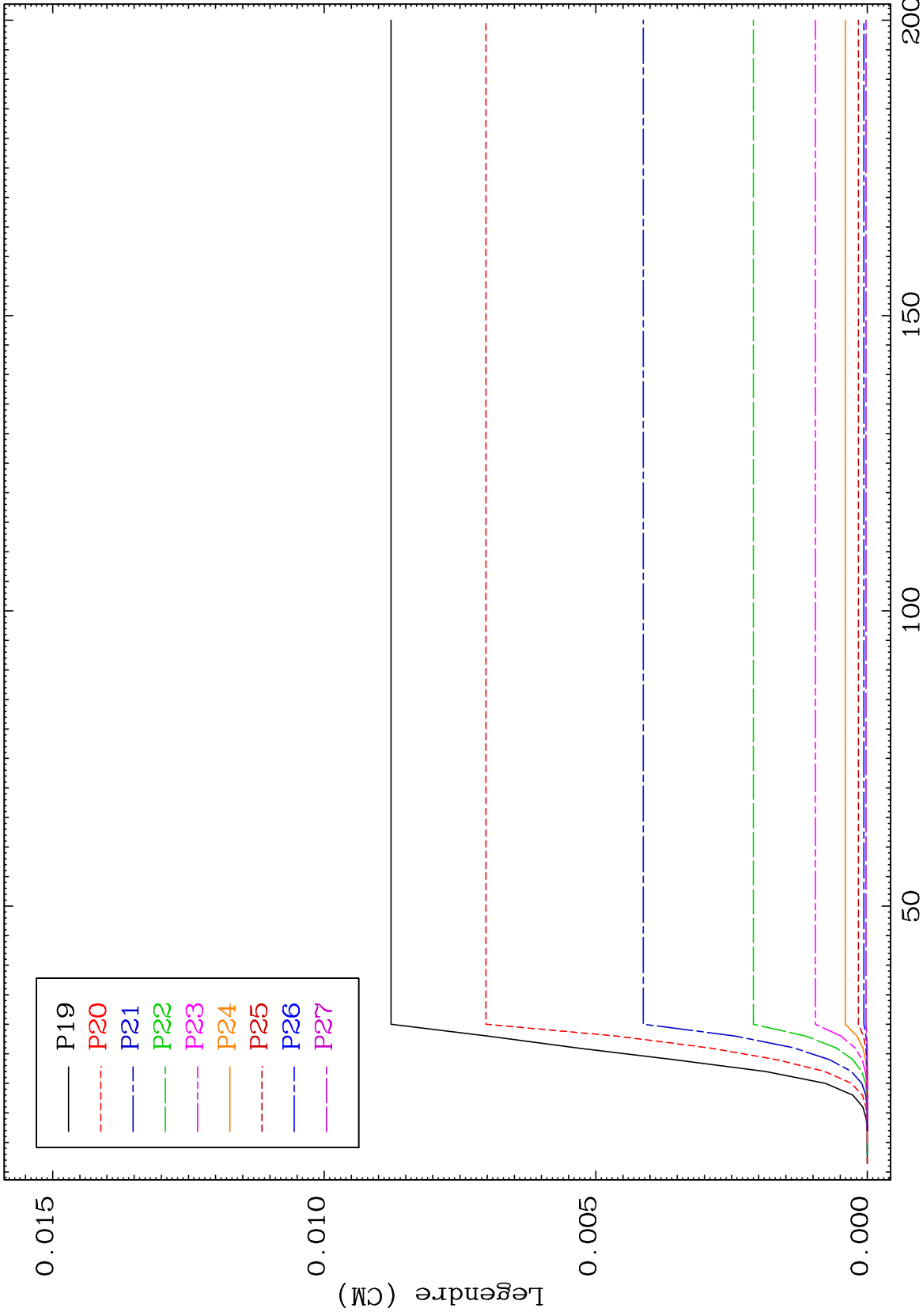
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



48

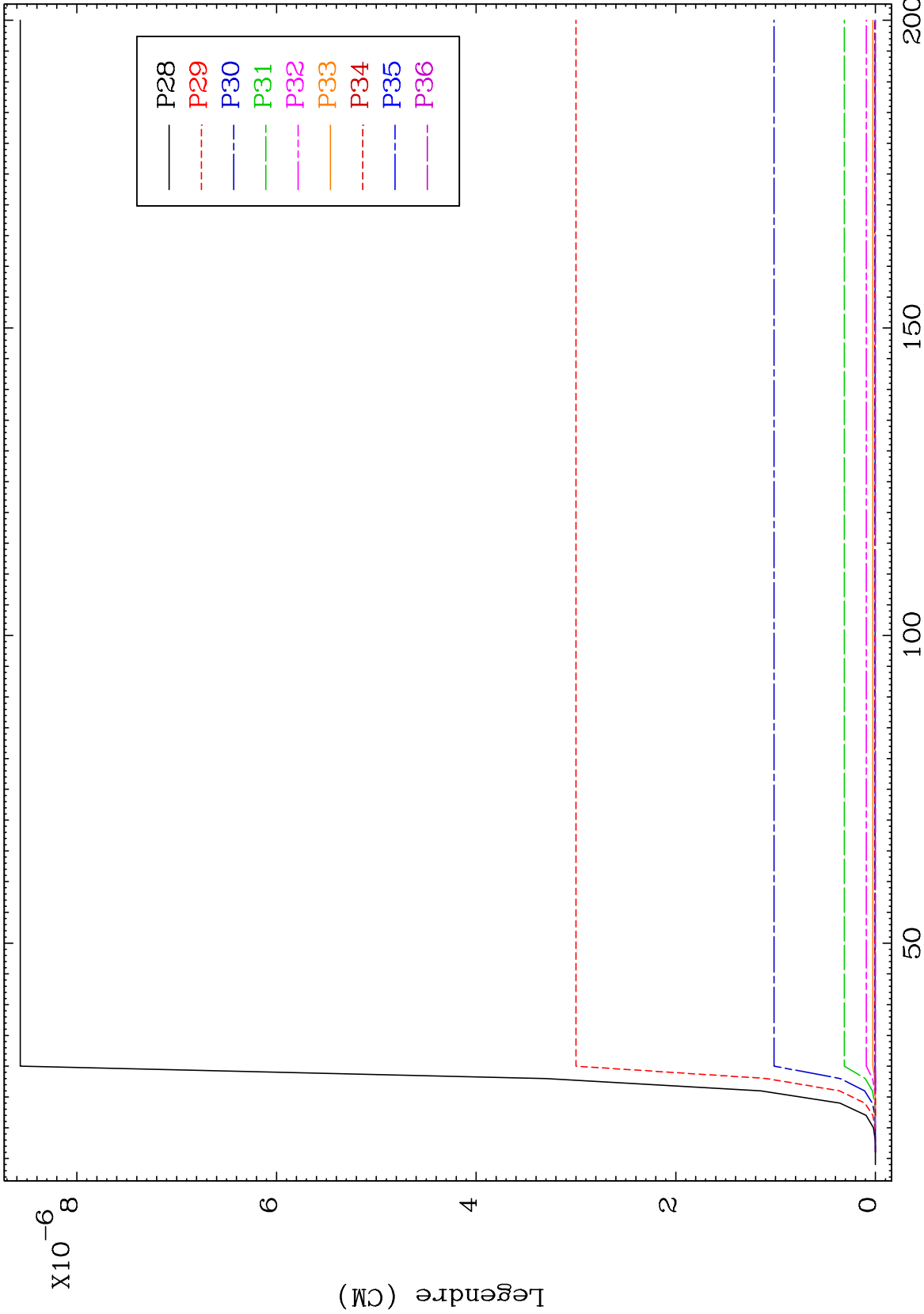
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



49

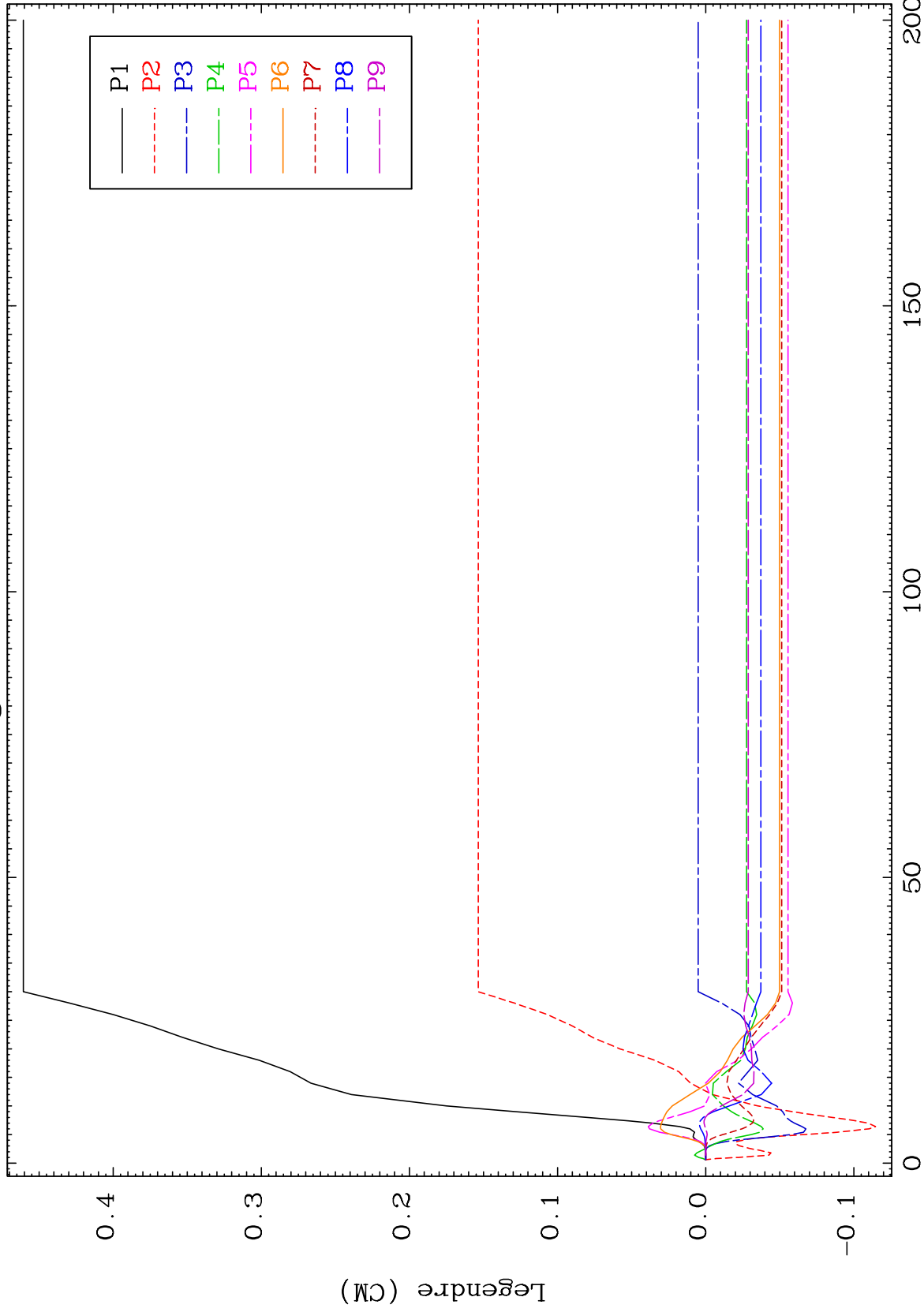
59-Pr-144

59-Pr-144

MAT 5934

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

59-Pr-144



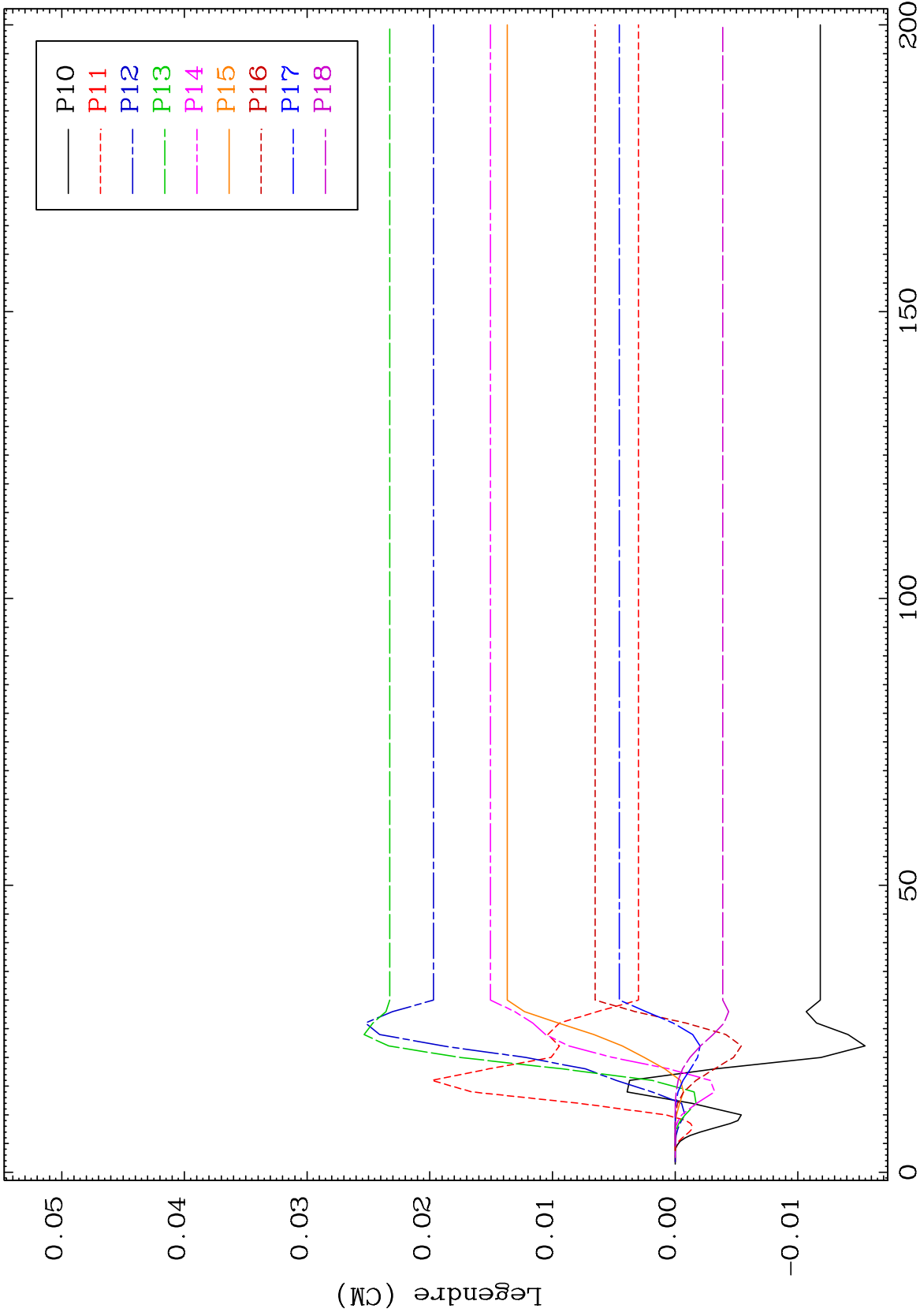
59-Pr-144

Incident Energy (MeV)

MAT 5934

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

59-Pr-144



51

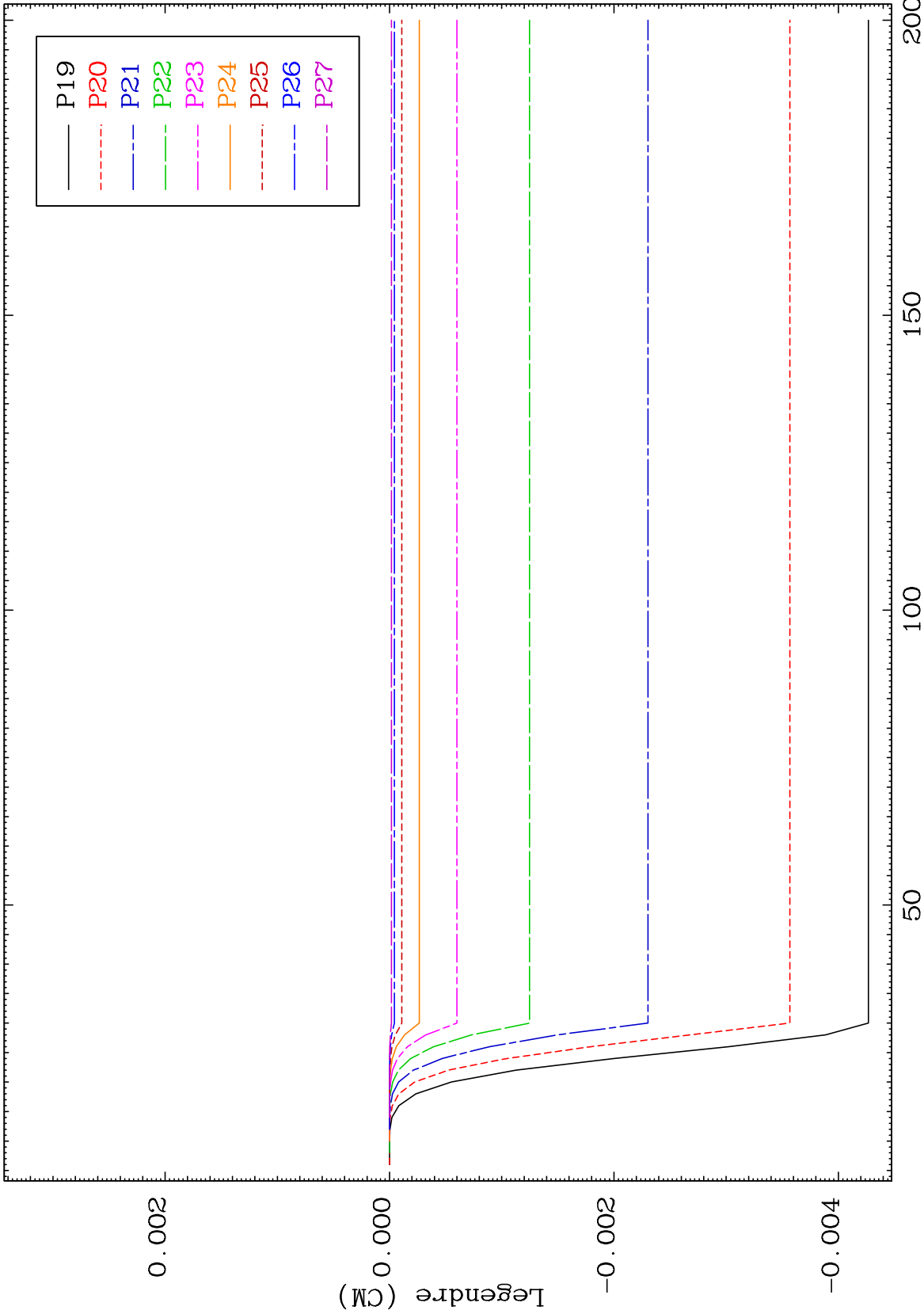
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



52

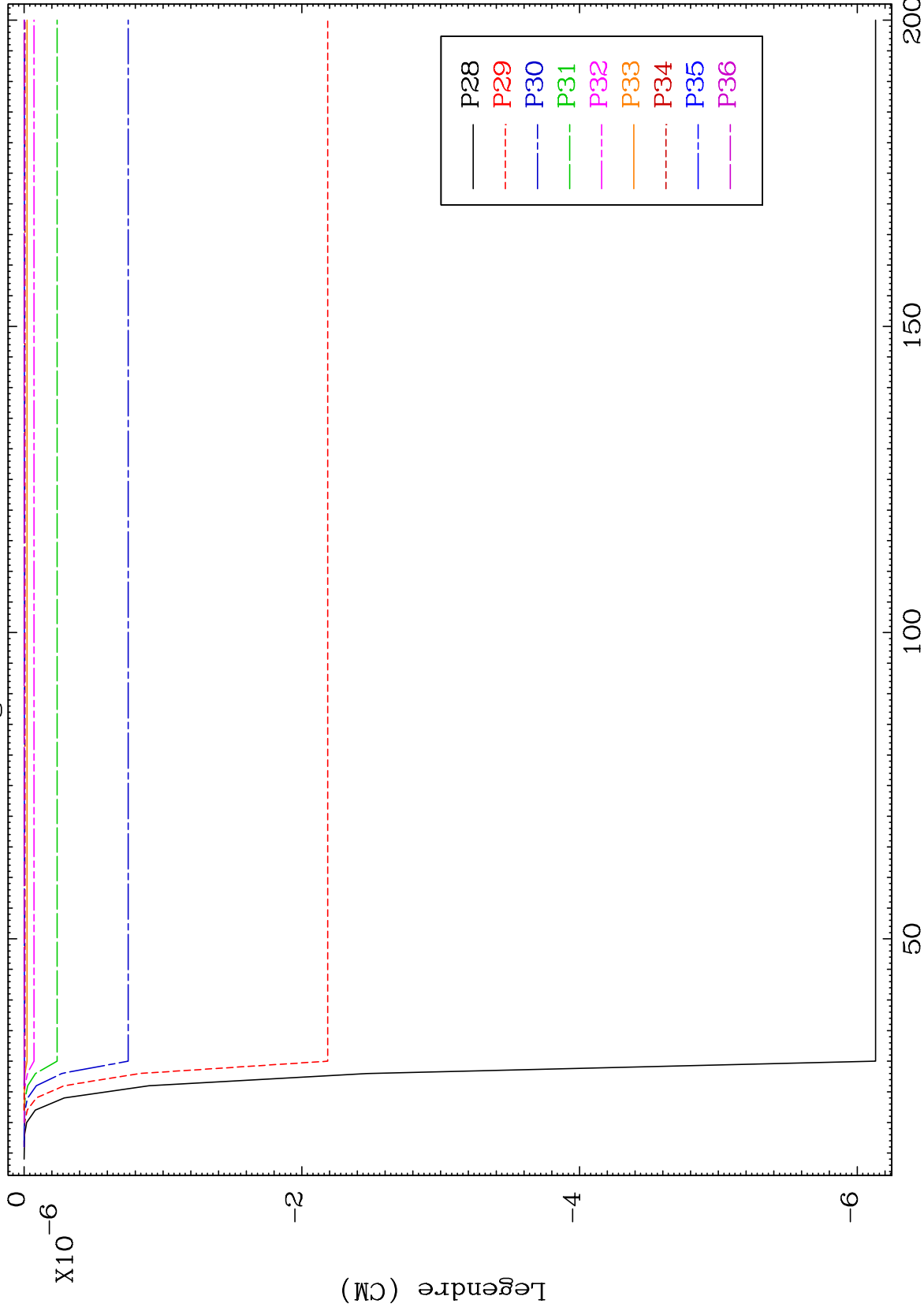
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

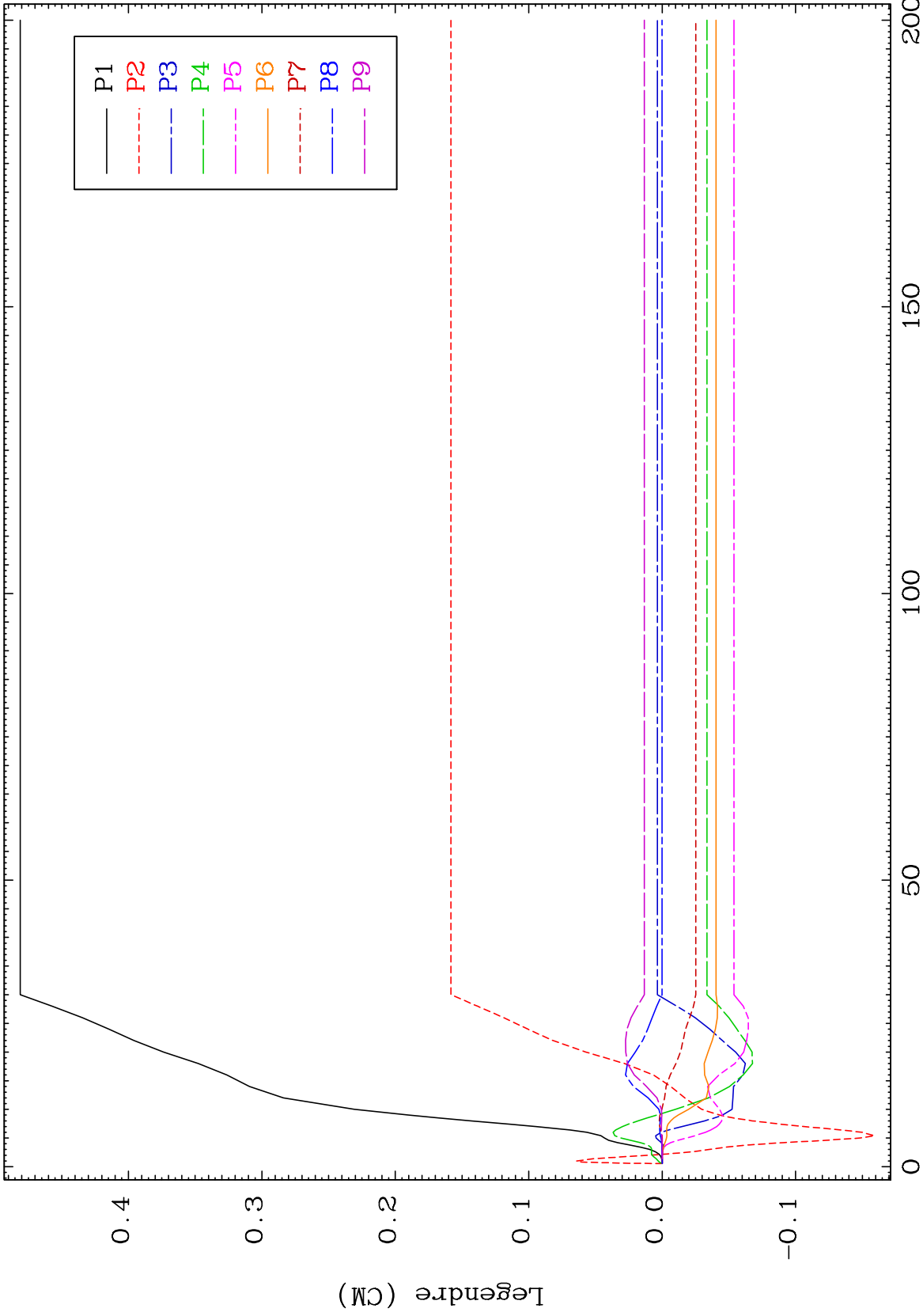
Incident Energy (MeV)

53

MAT 5934

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

59-Pr-144



54

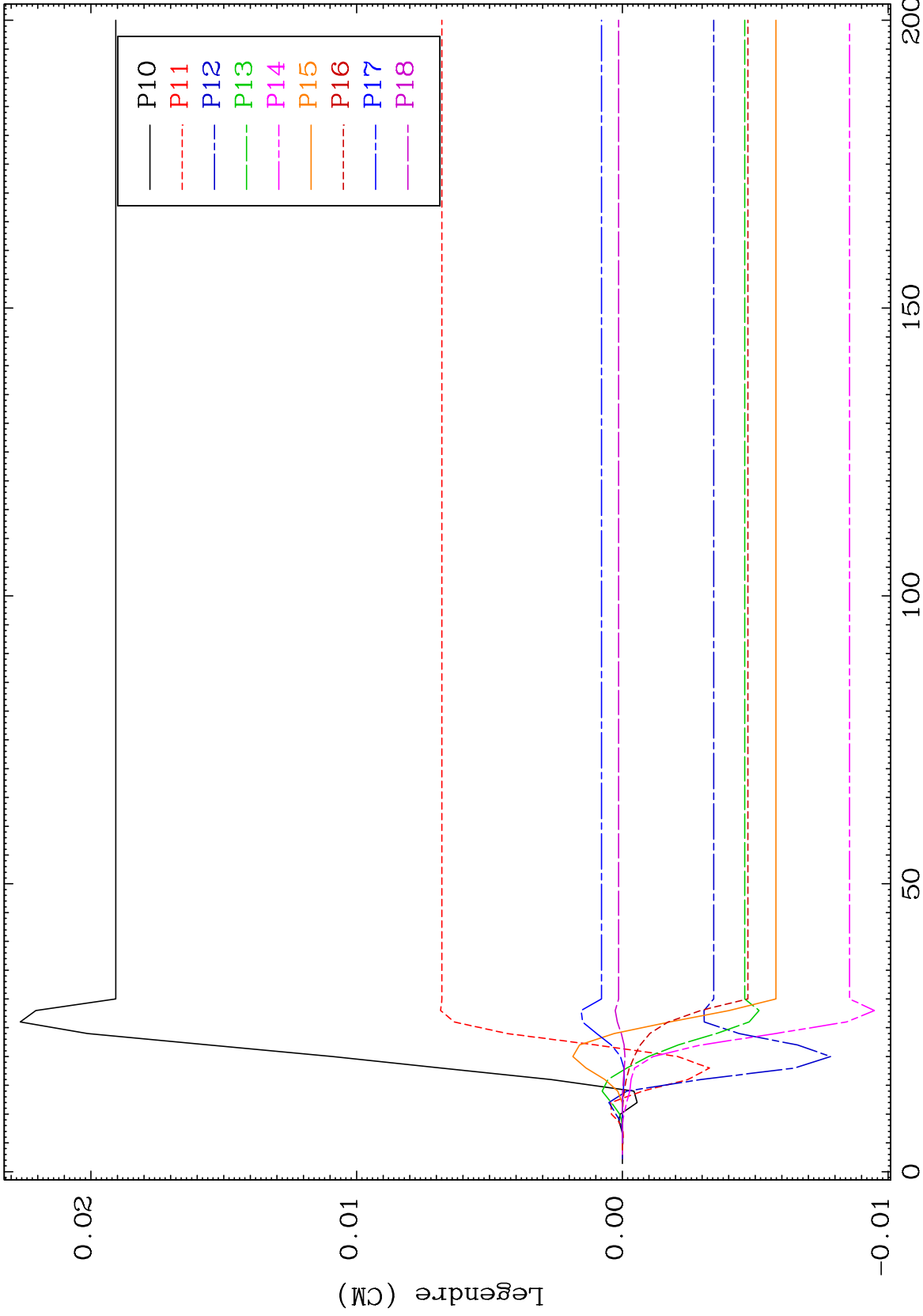
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

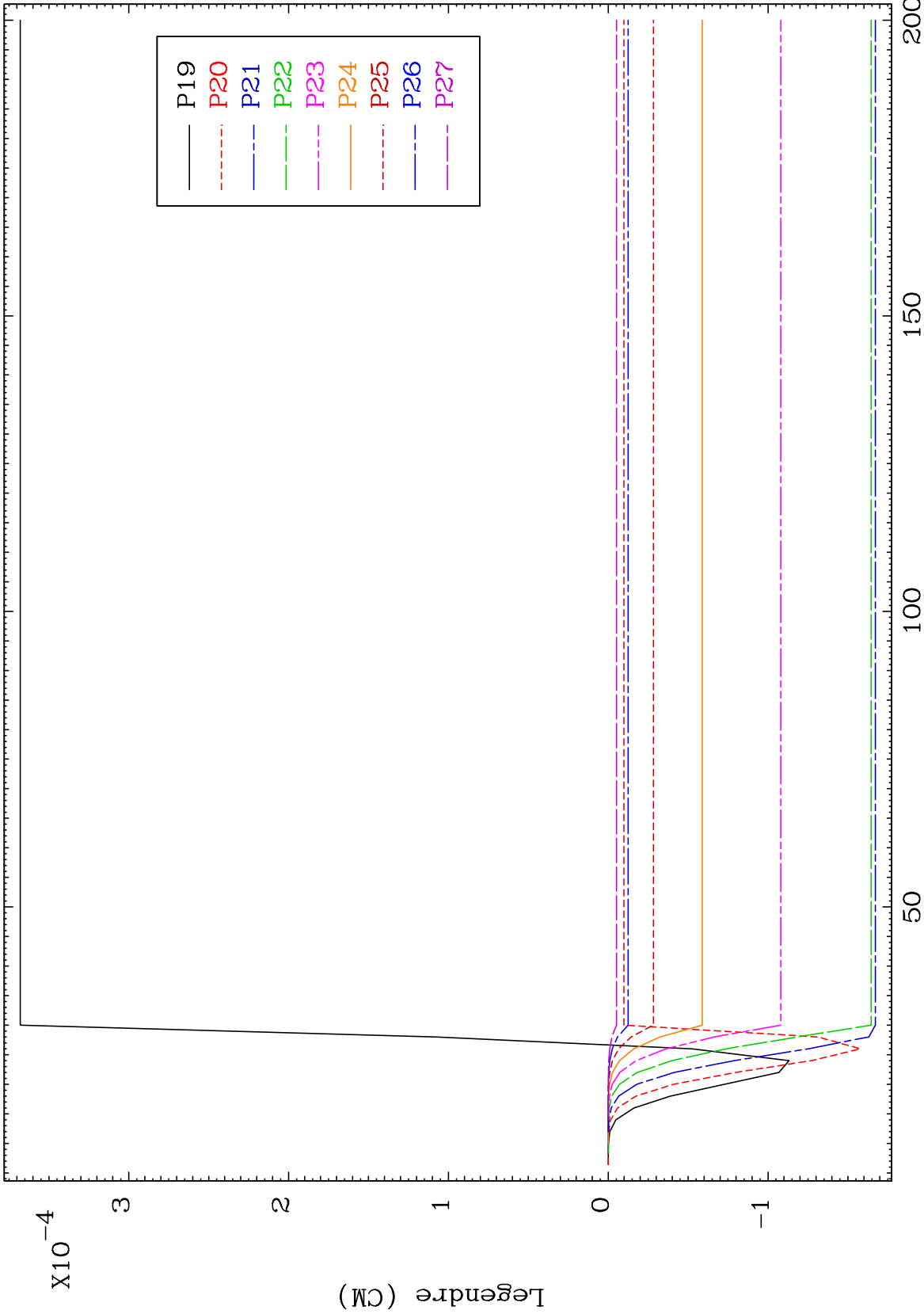
59-Pr-144



55

Incident Energy (MeV)

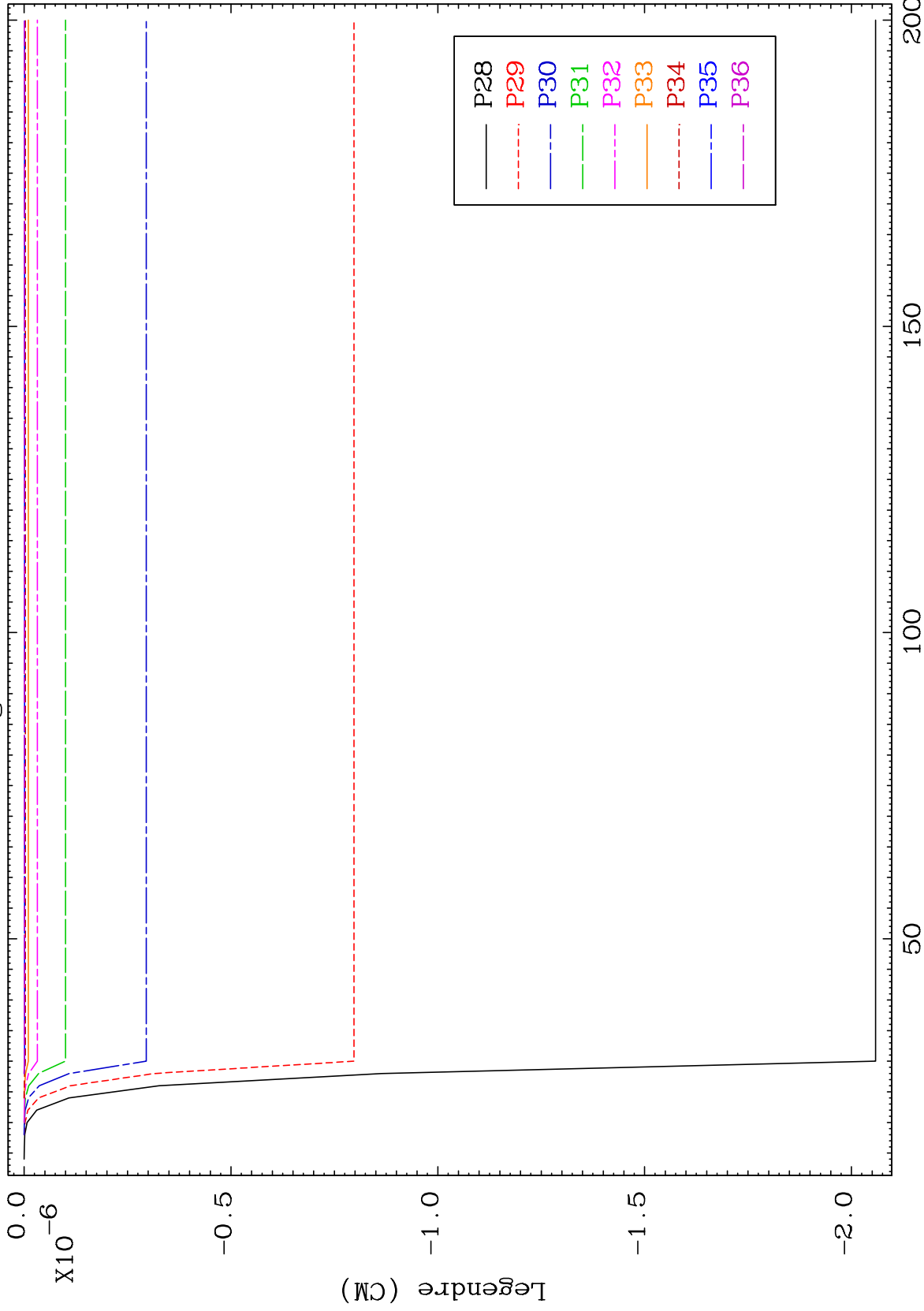
59-Pr-144



MAT 5934

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

59-Pr-144



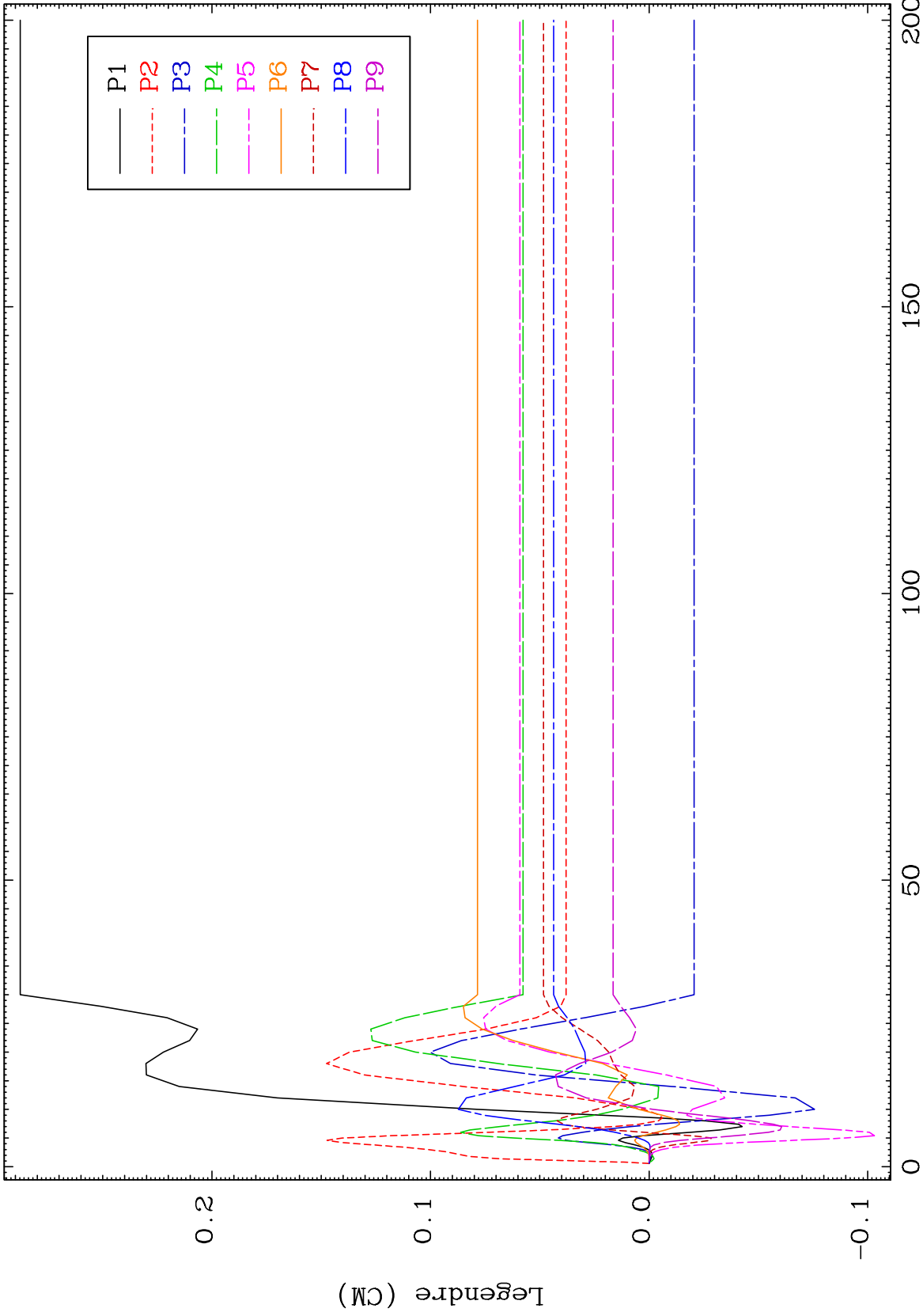
57

59-Pr-144

MAT 5934

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

59-Pr-144



58

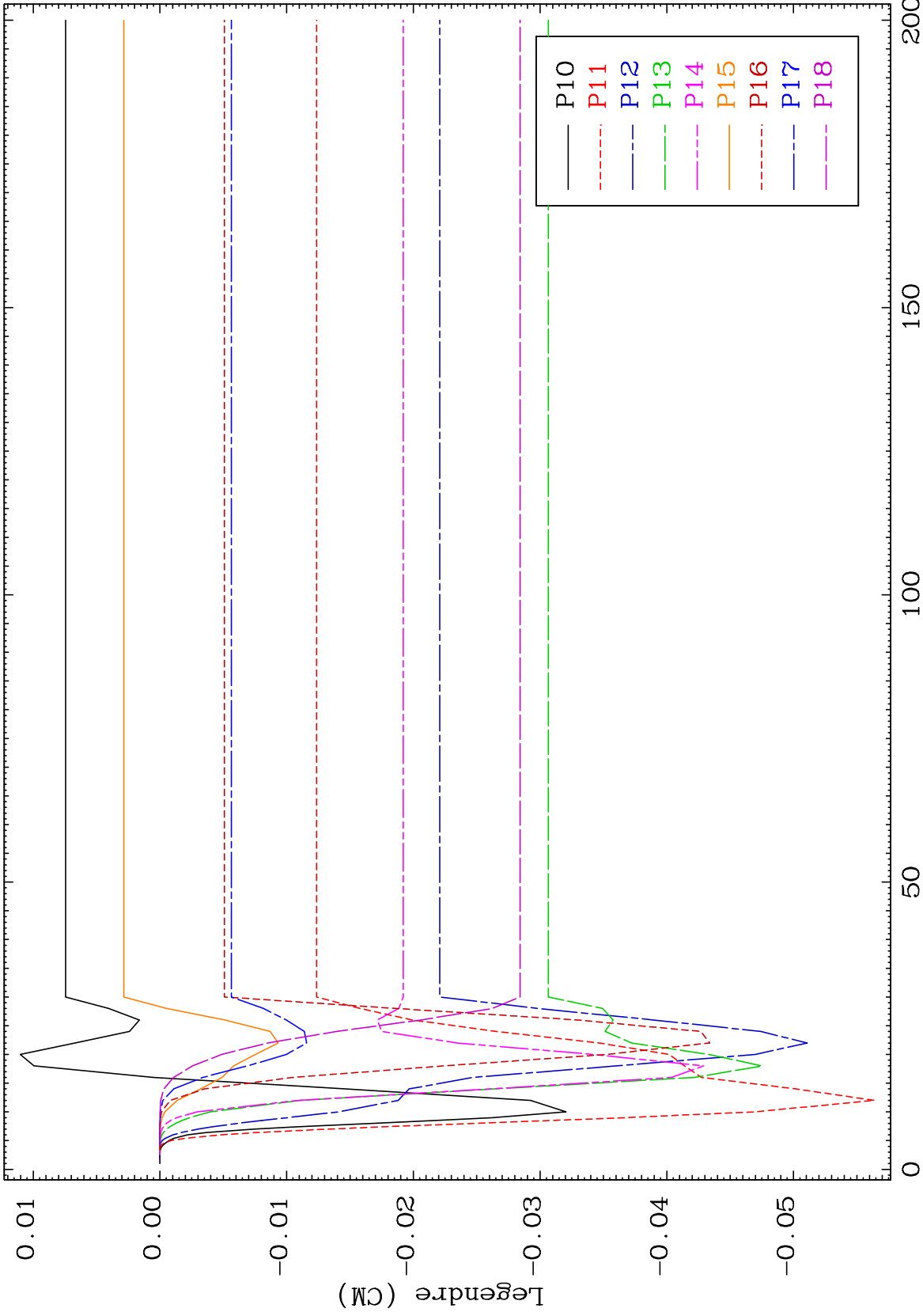
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144

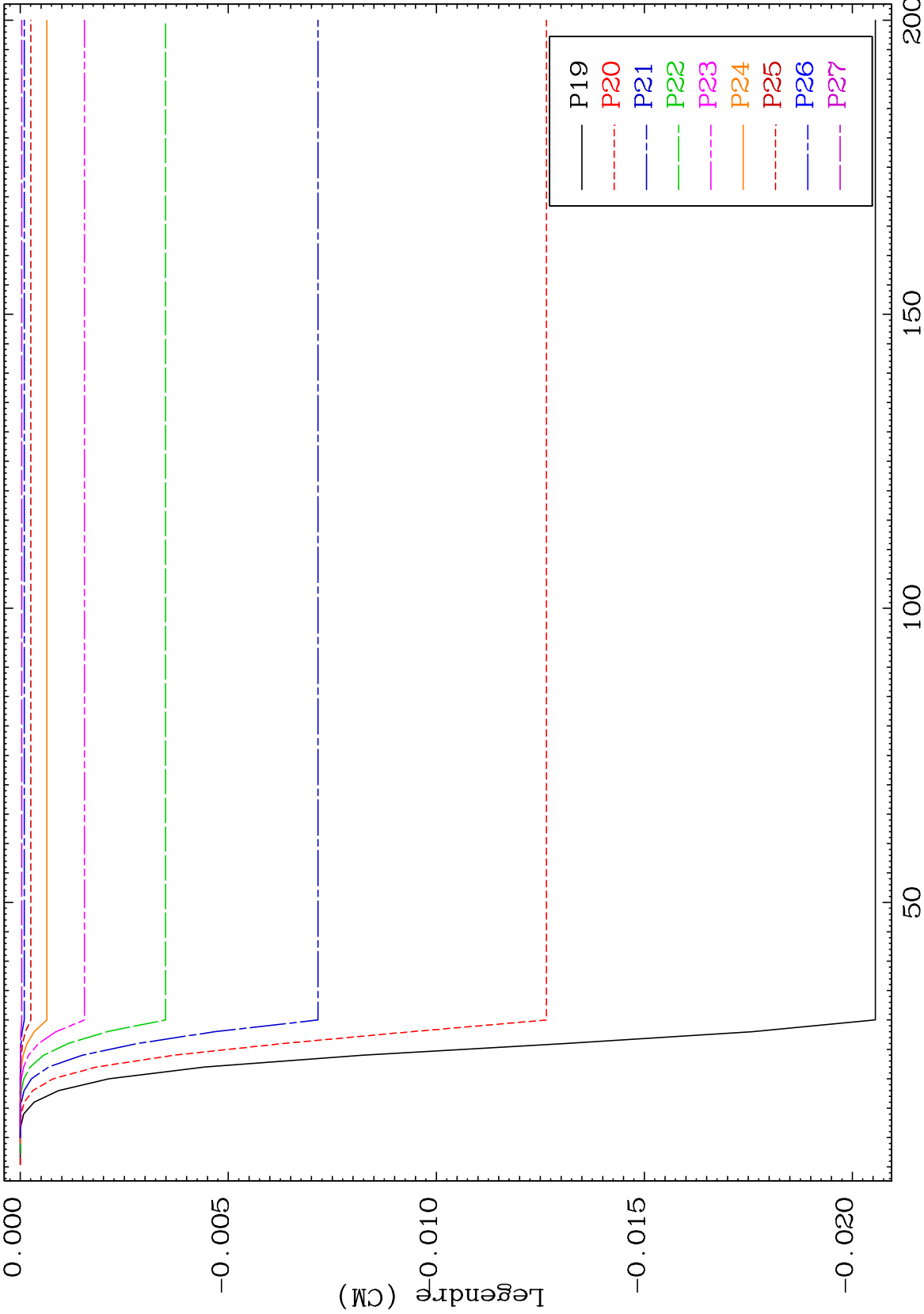


59

Incident Energy (MeV)

59-Pr-144

MAT 5934 MT= 61 (n,n') Level Legendre Coefficients 59-Pr-144

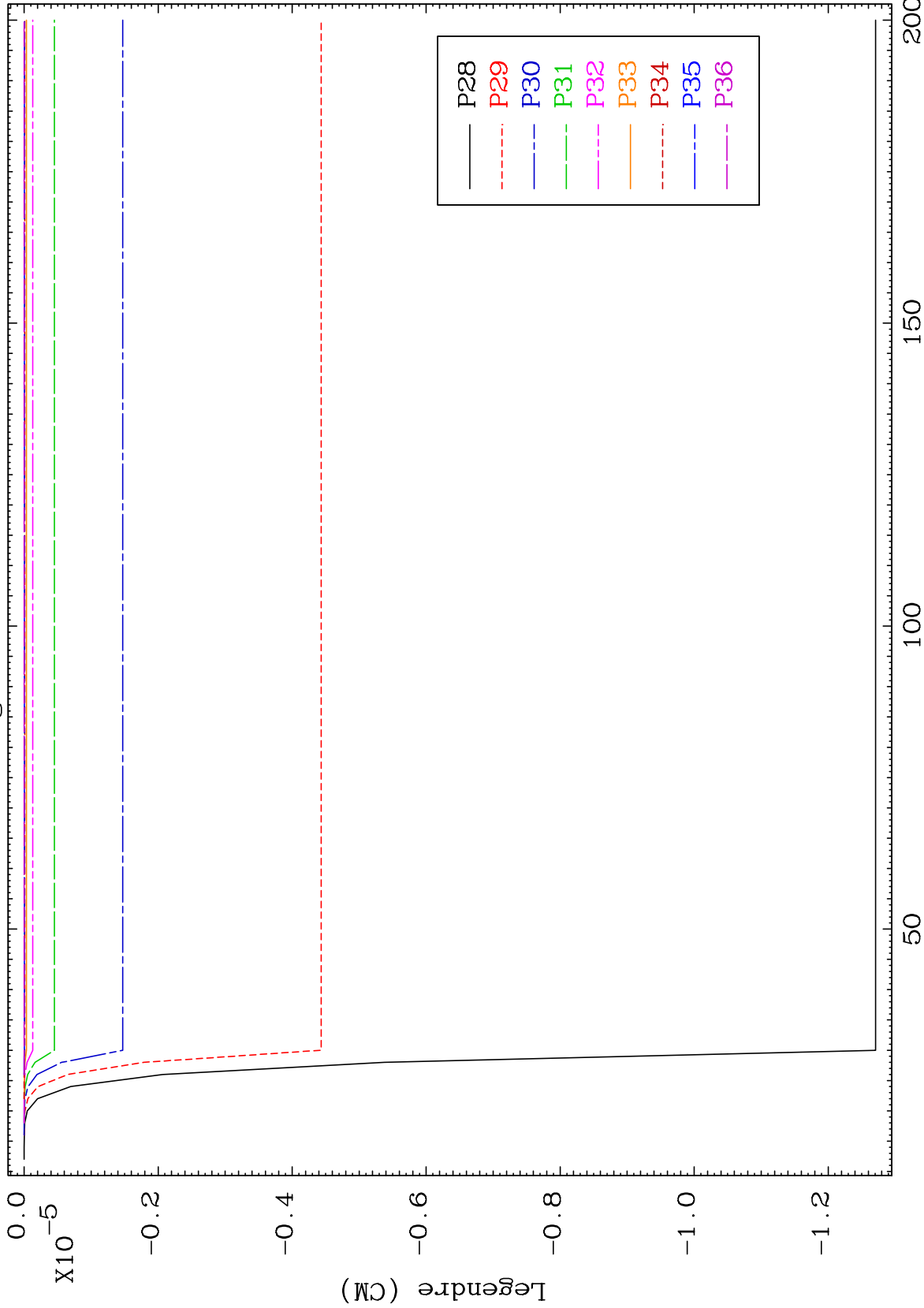


60 Incident Energy (MeV) 59-Pr-144

MAT 5934

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

59-Pr-144



61

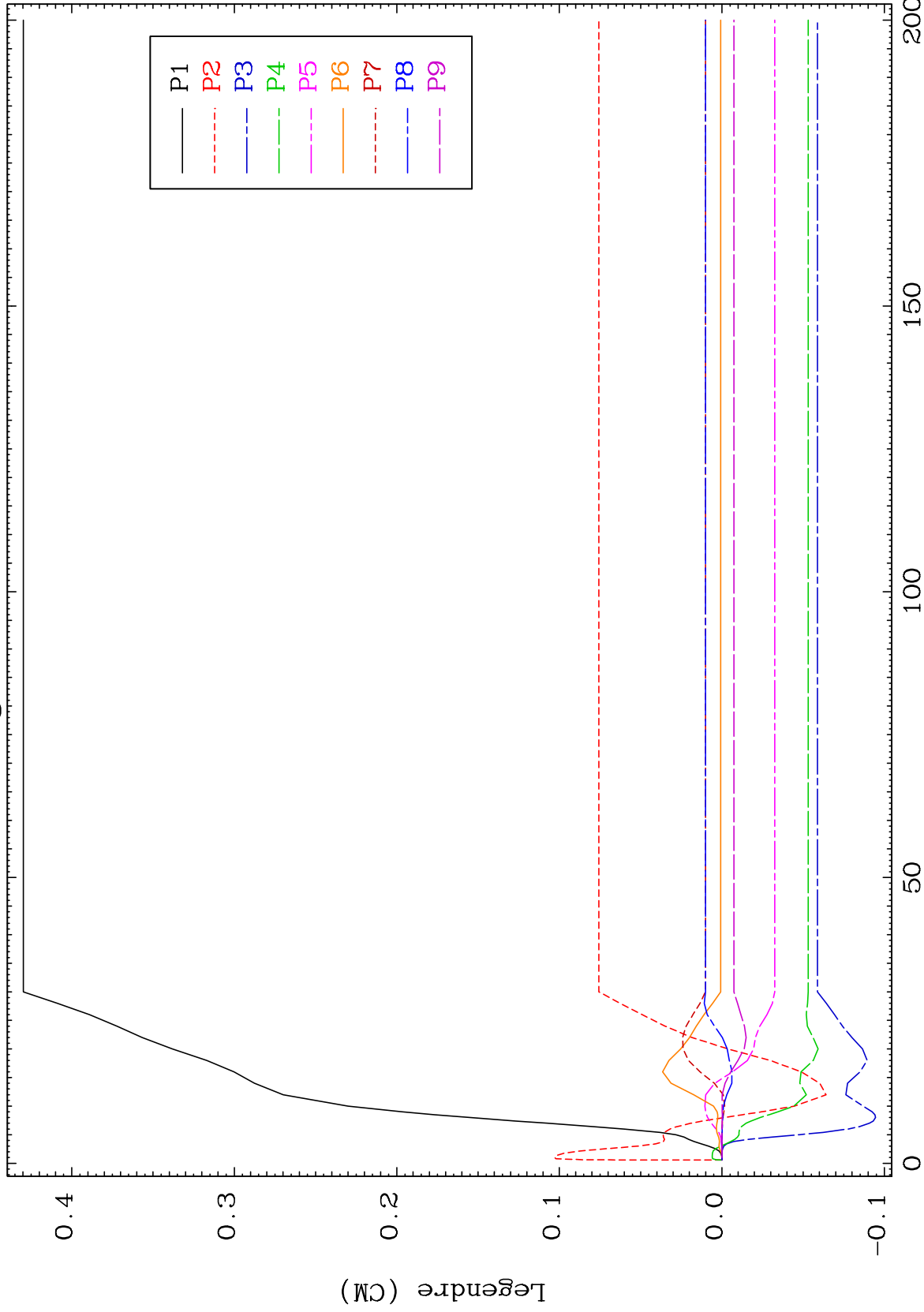
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



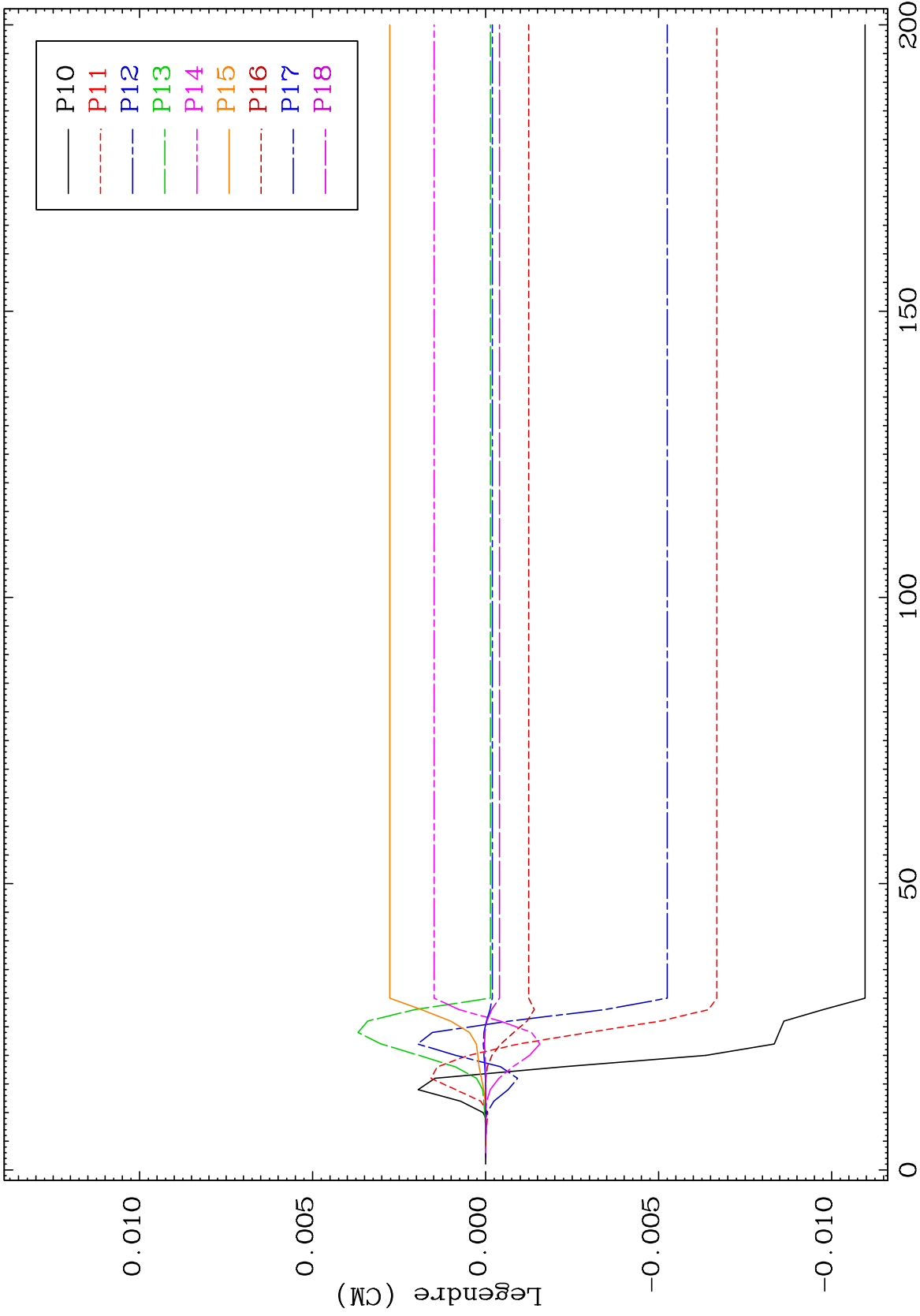
62

59-Pr-144

MAT 5934

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

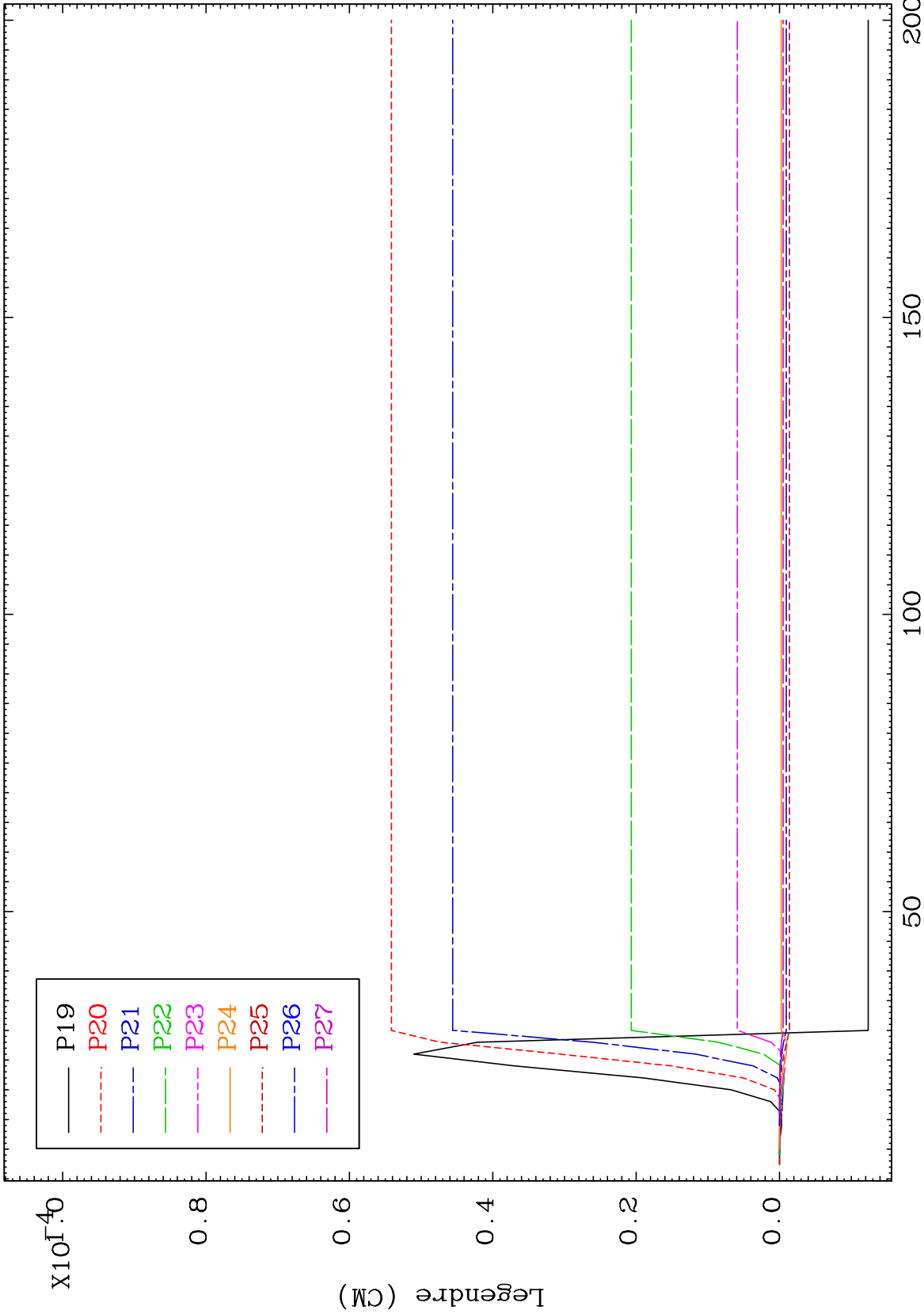
59-Pr-144



63

Incident Energy (MeV)

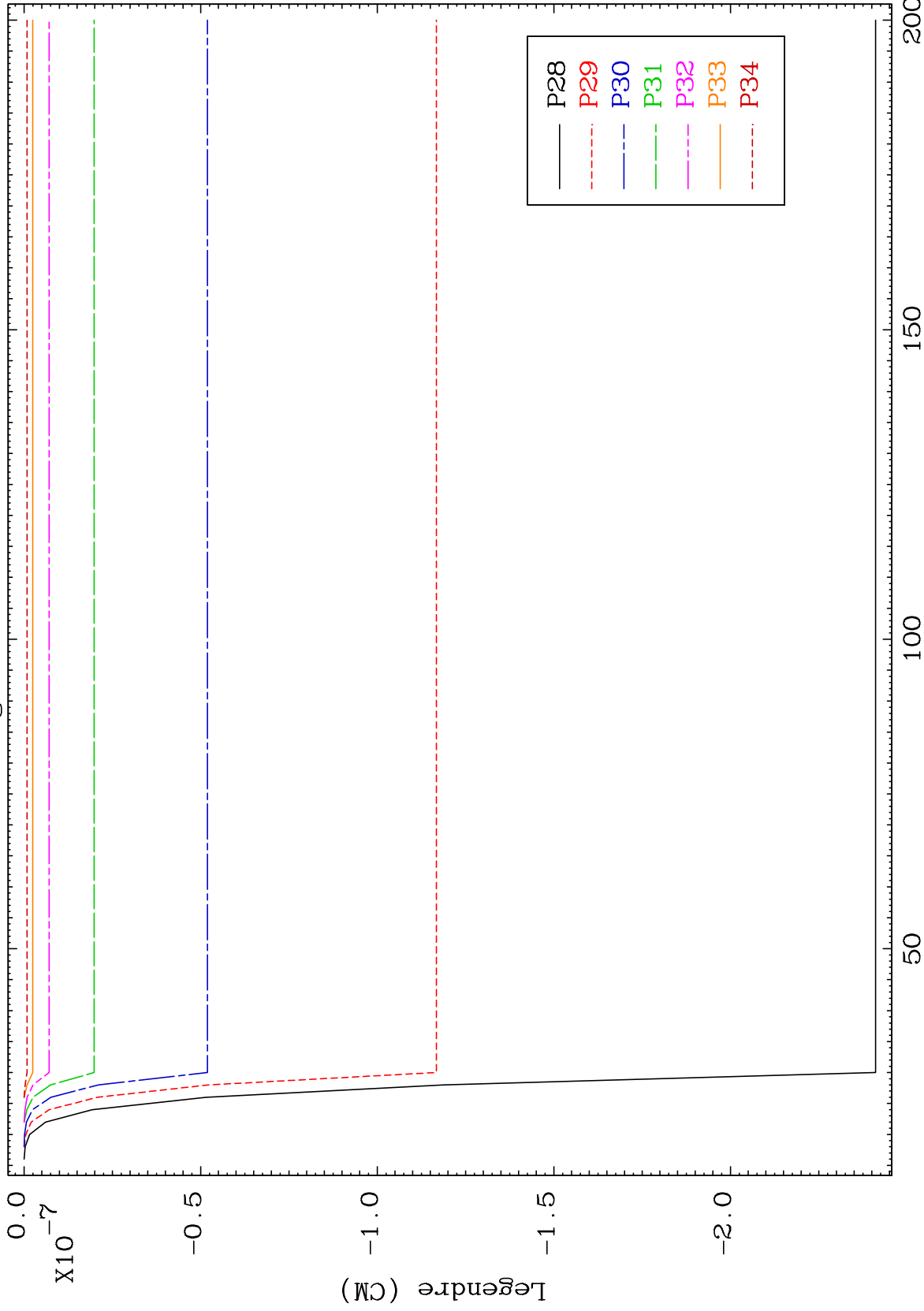
59-Pr-144



MAT 5934

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

59-Pr-144



65

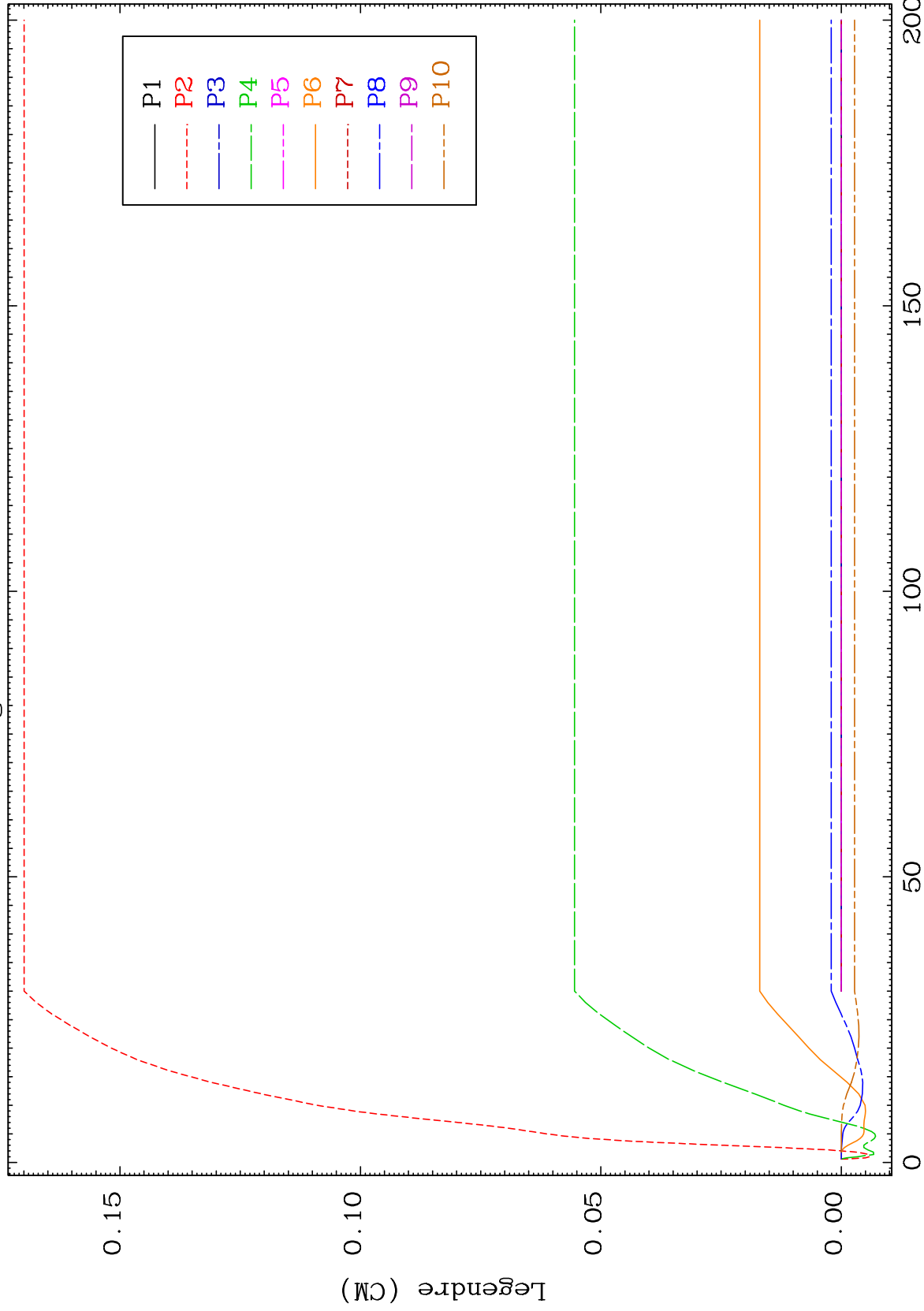
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



66

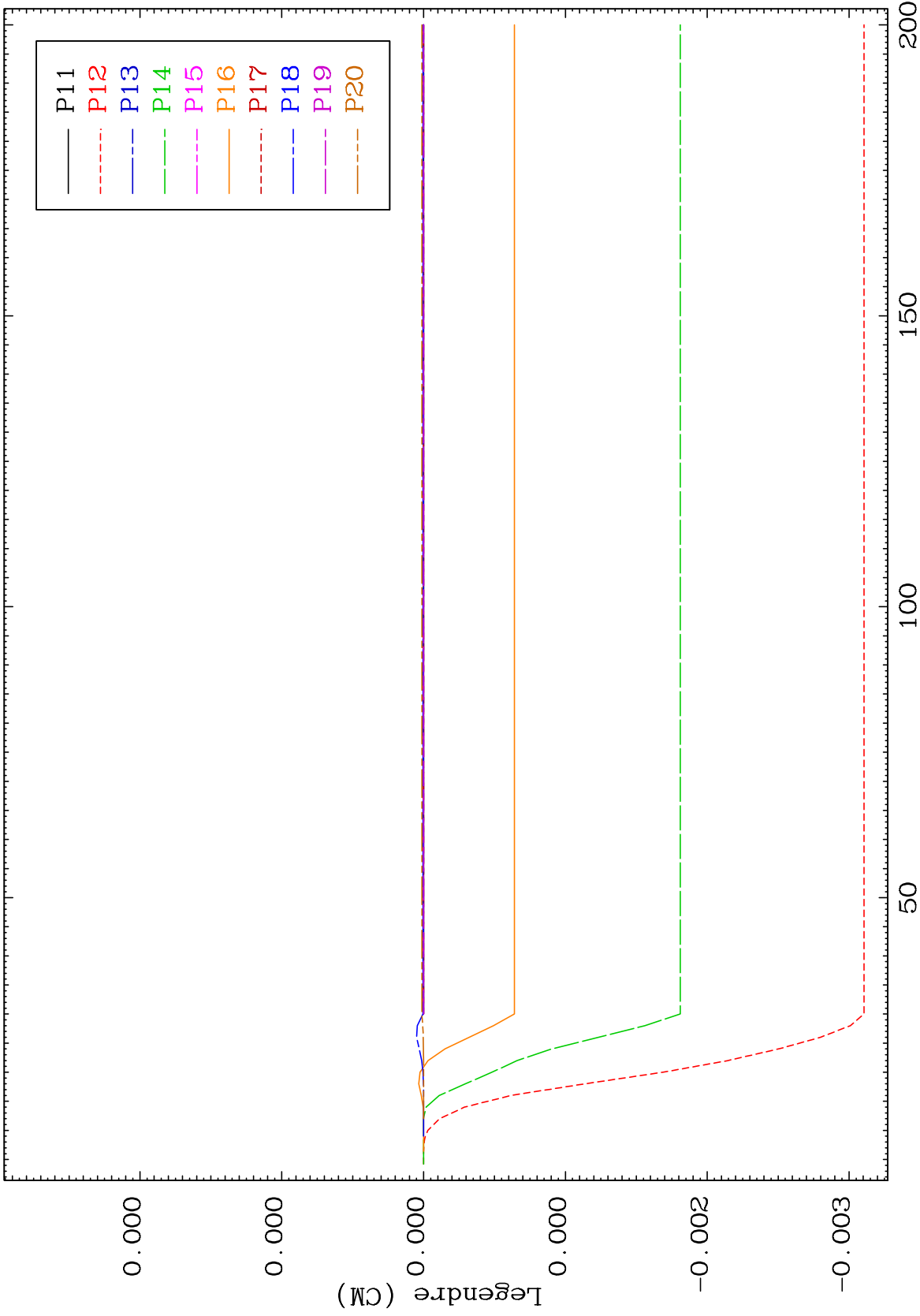
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



67

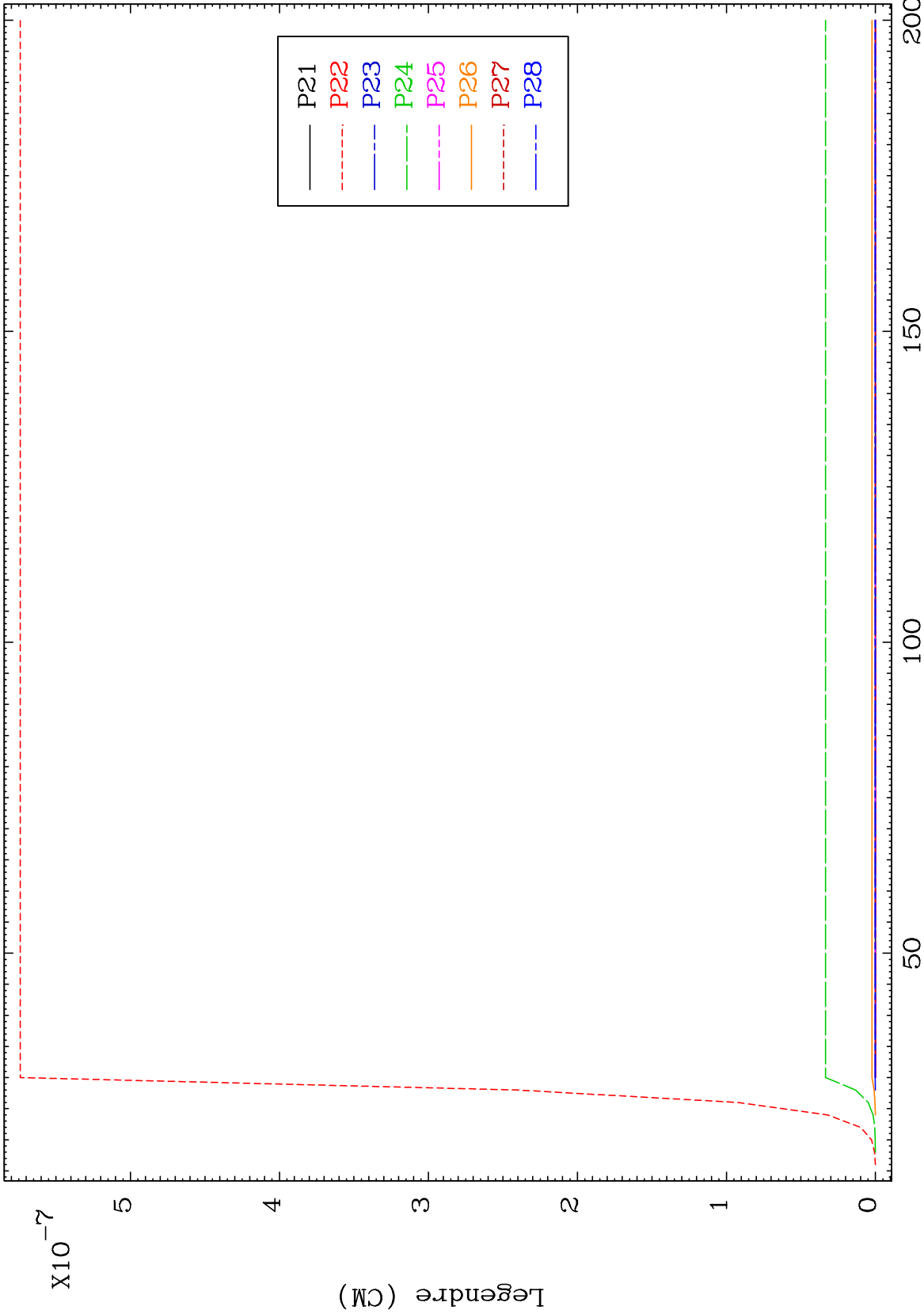
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



68

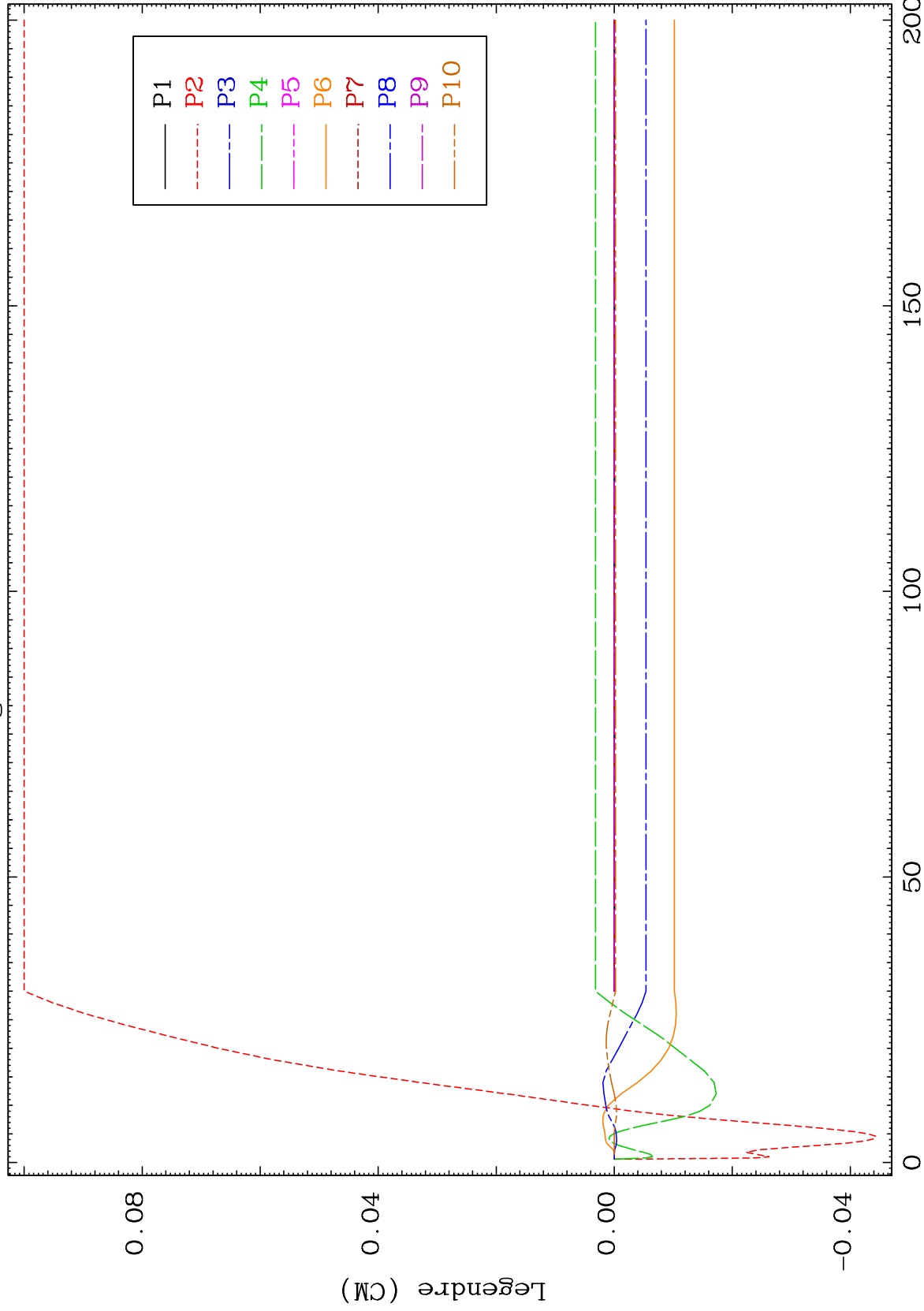
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



69

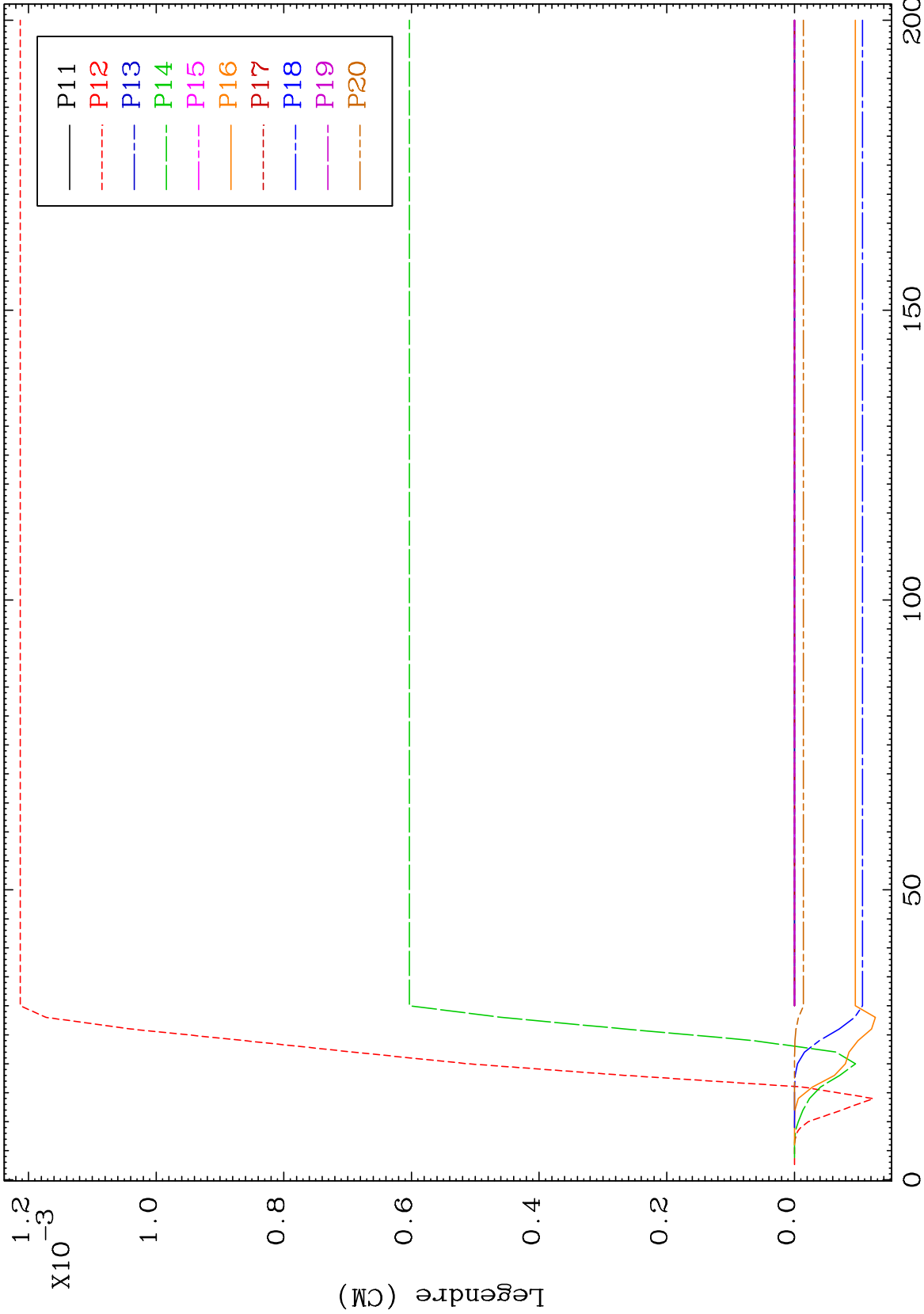
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



70

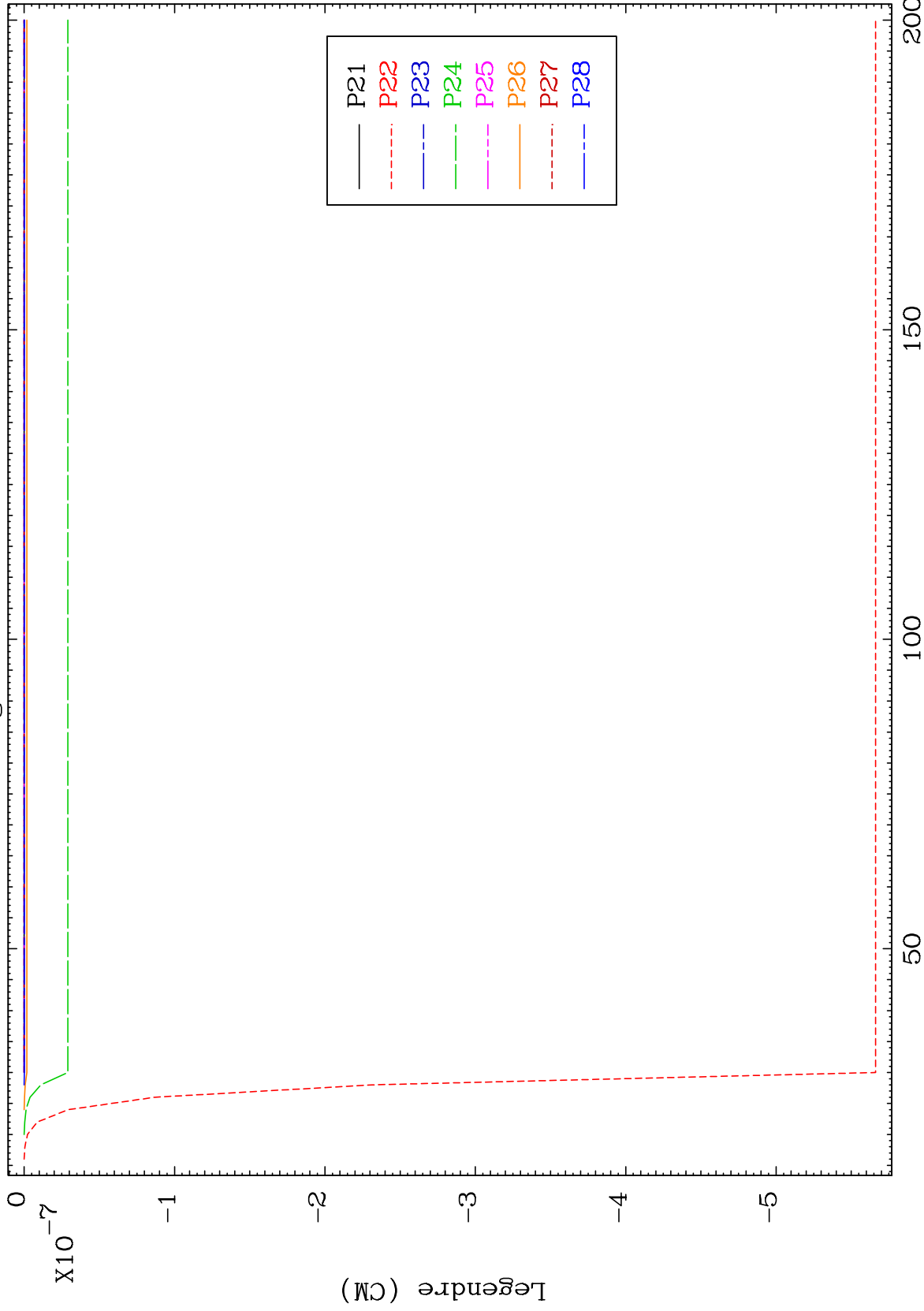
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



71

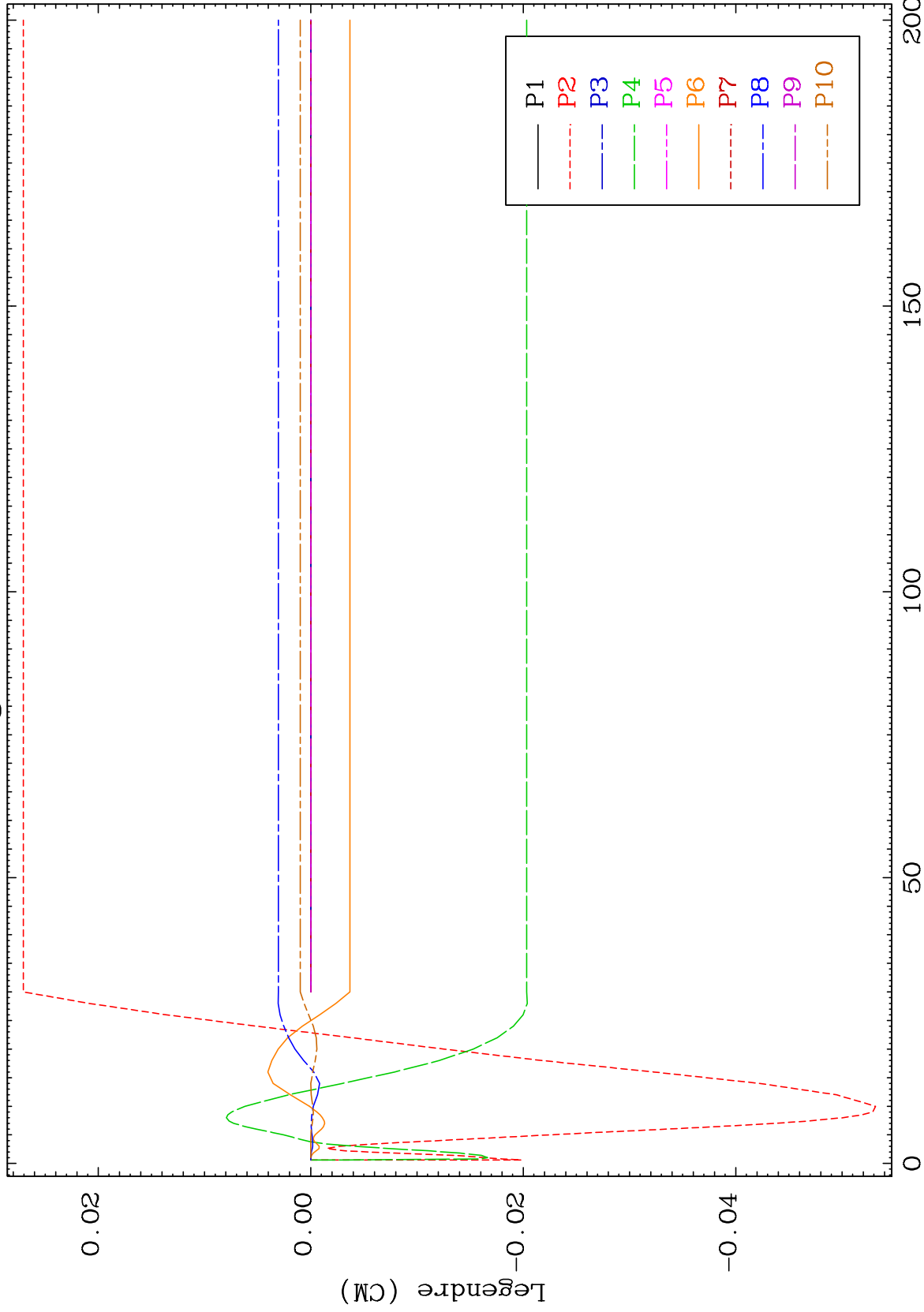
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



72

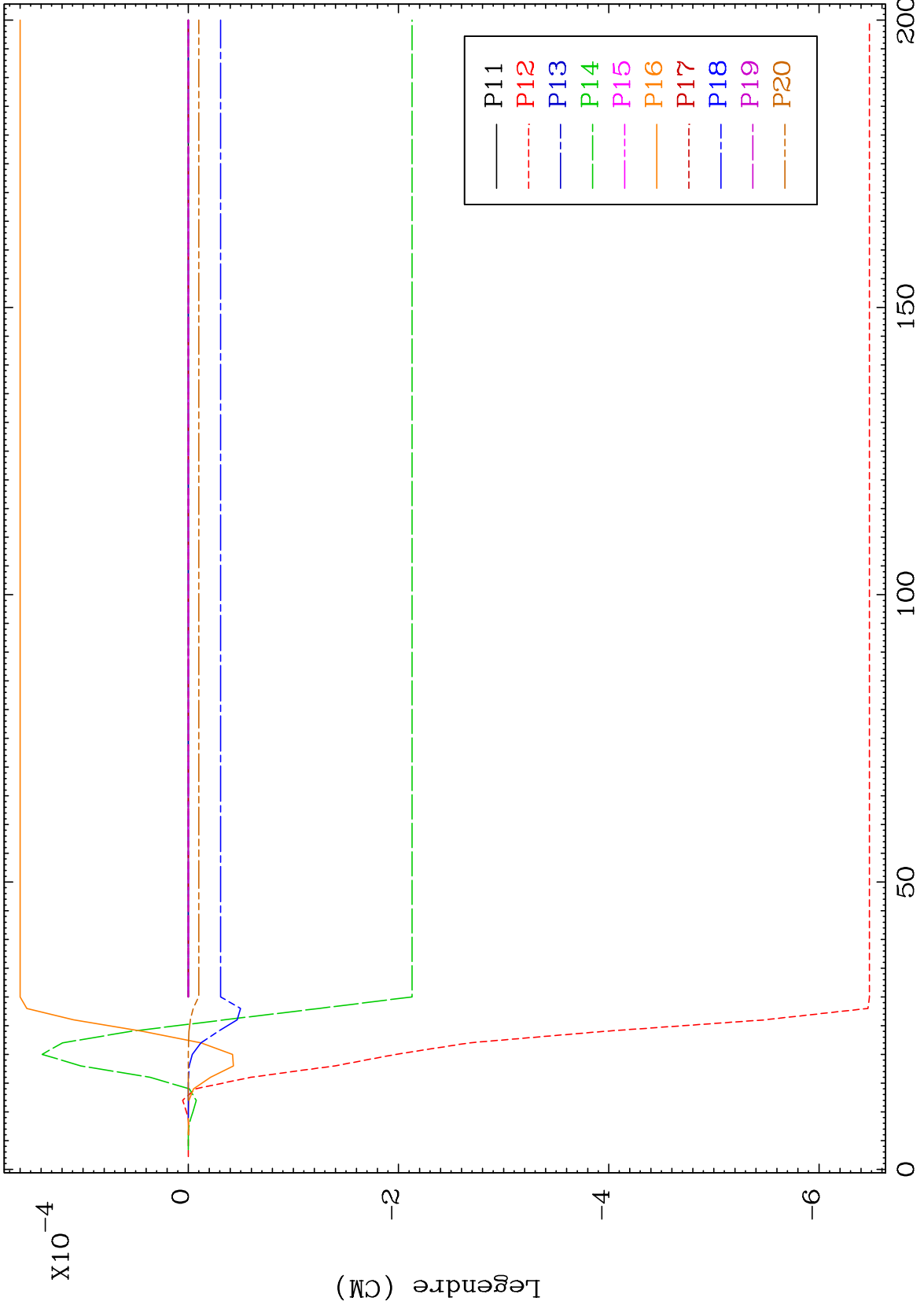
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



73

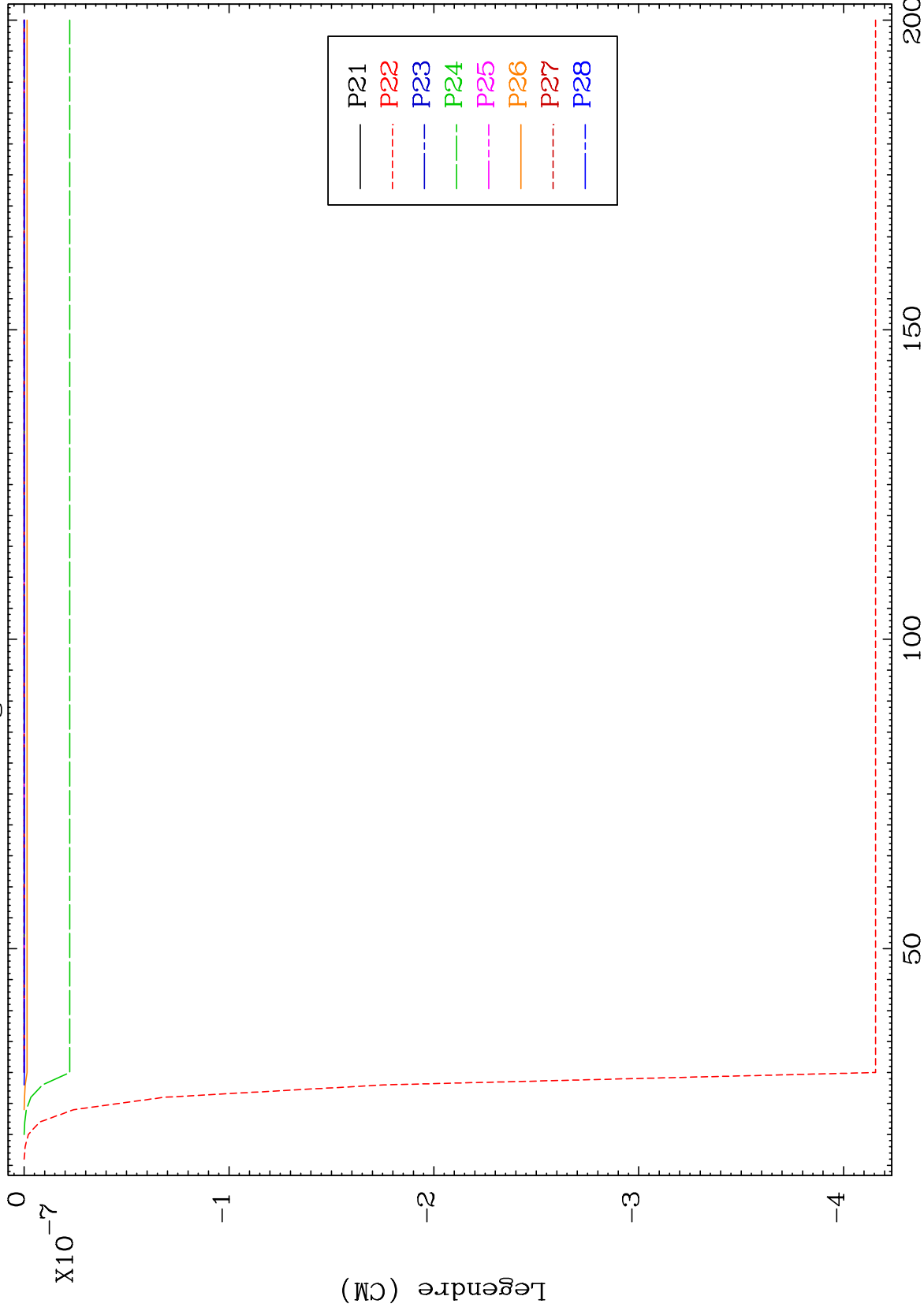
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



74

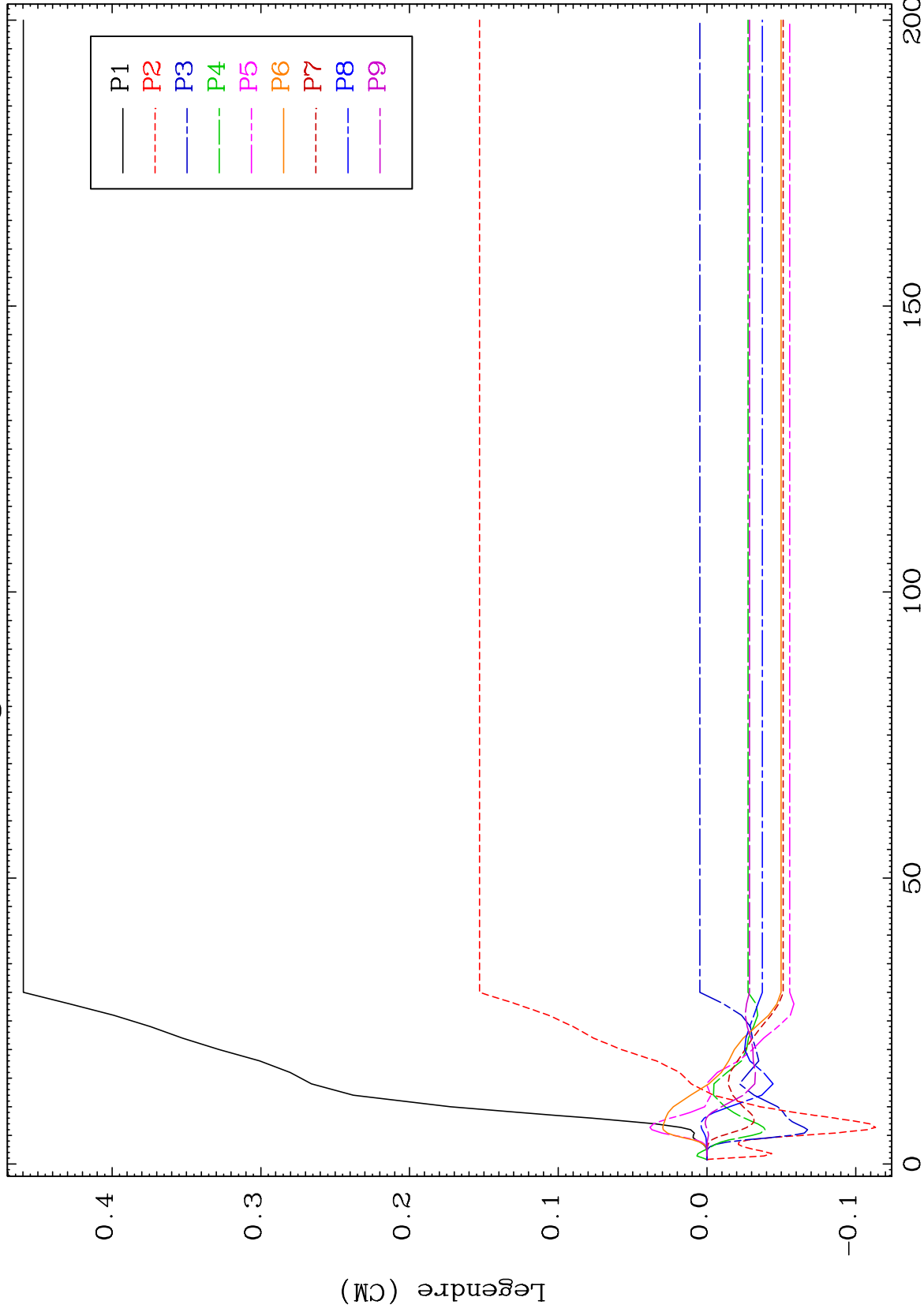
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



75

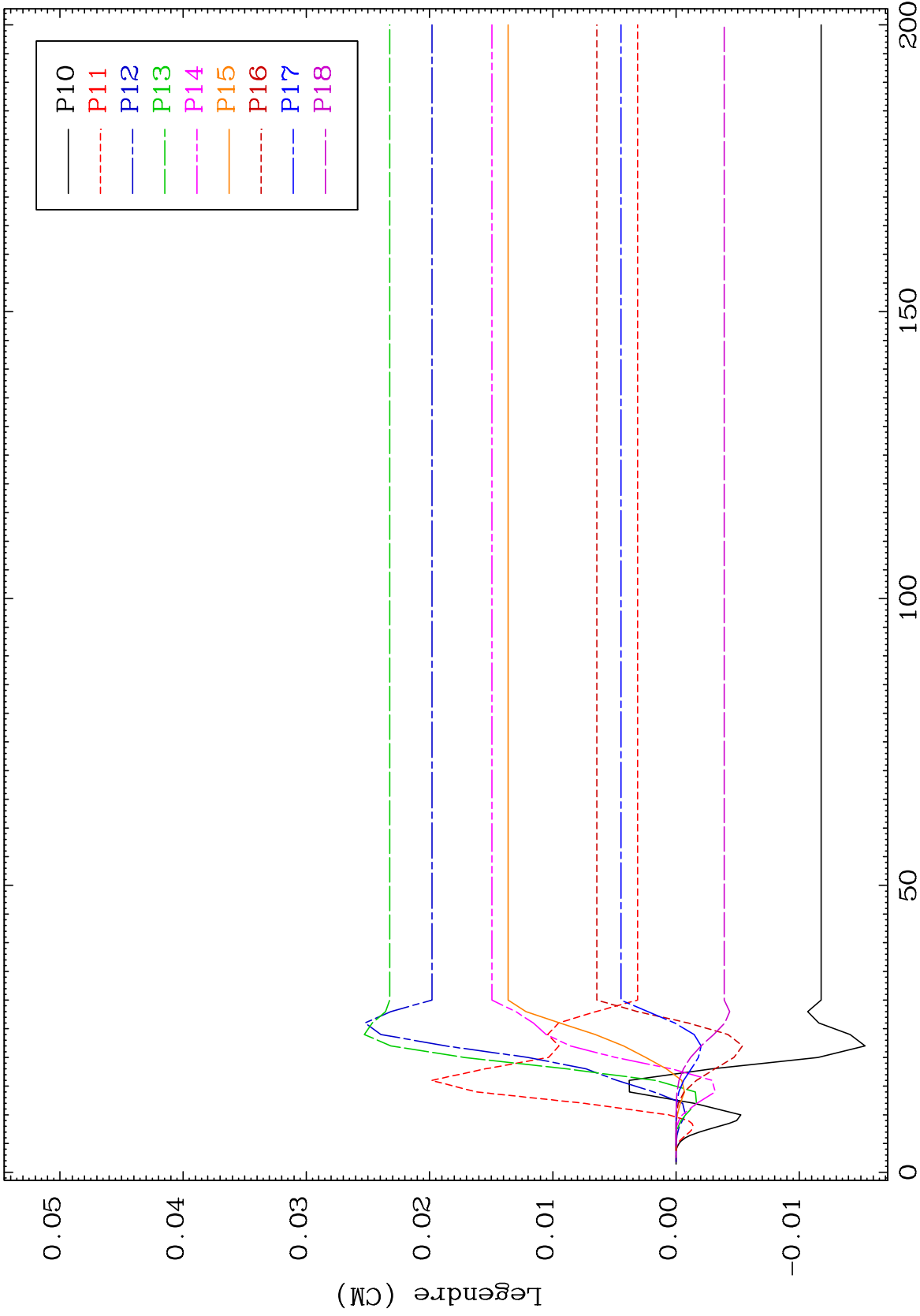
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



76

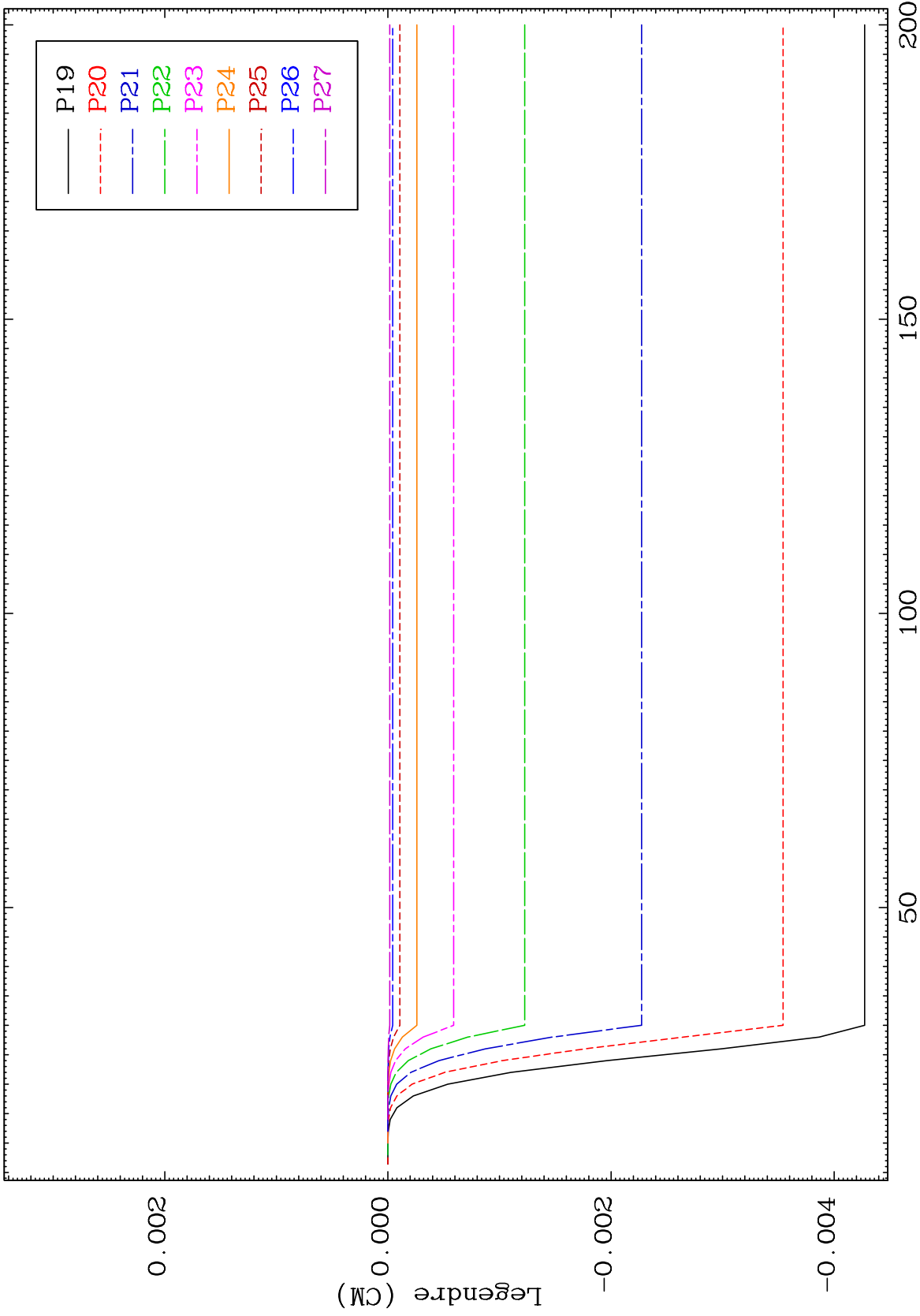
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



77

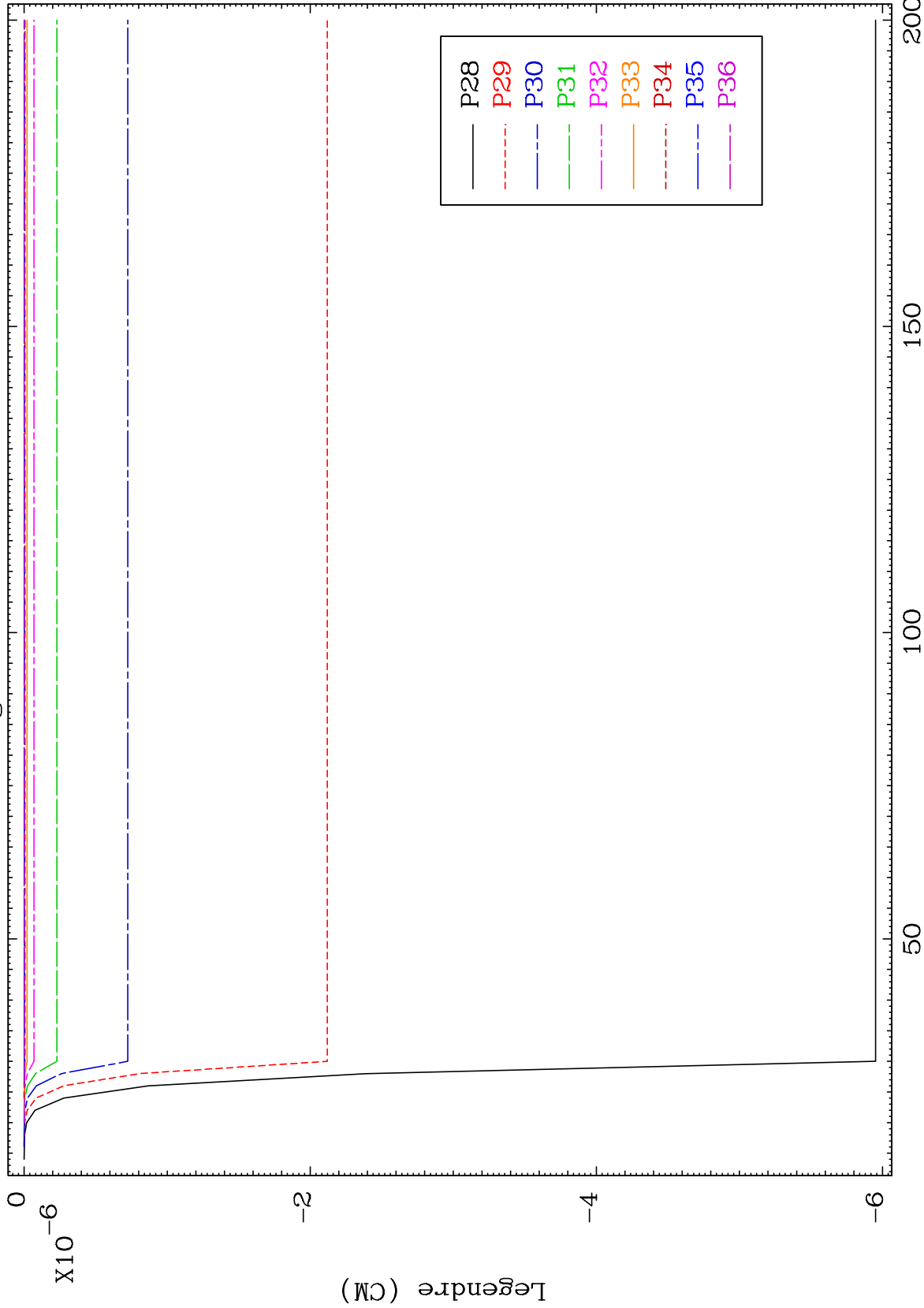
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



78

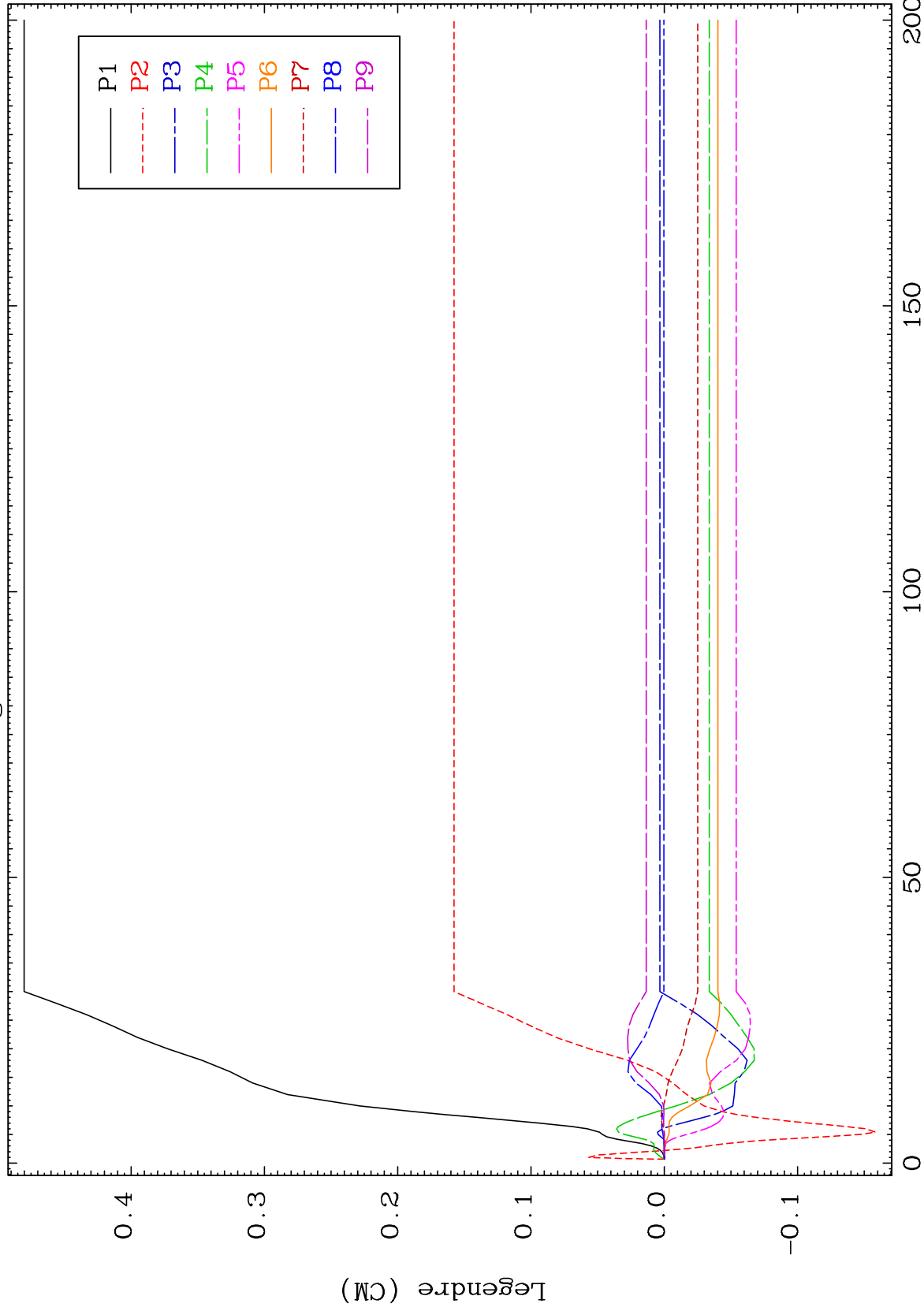
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



79

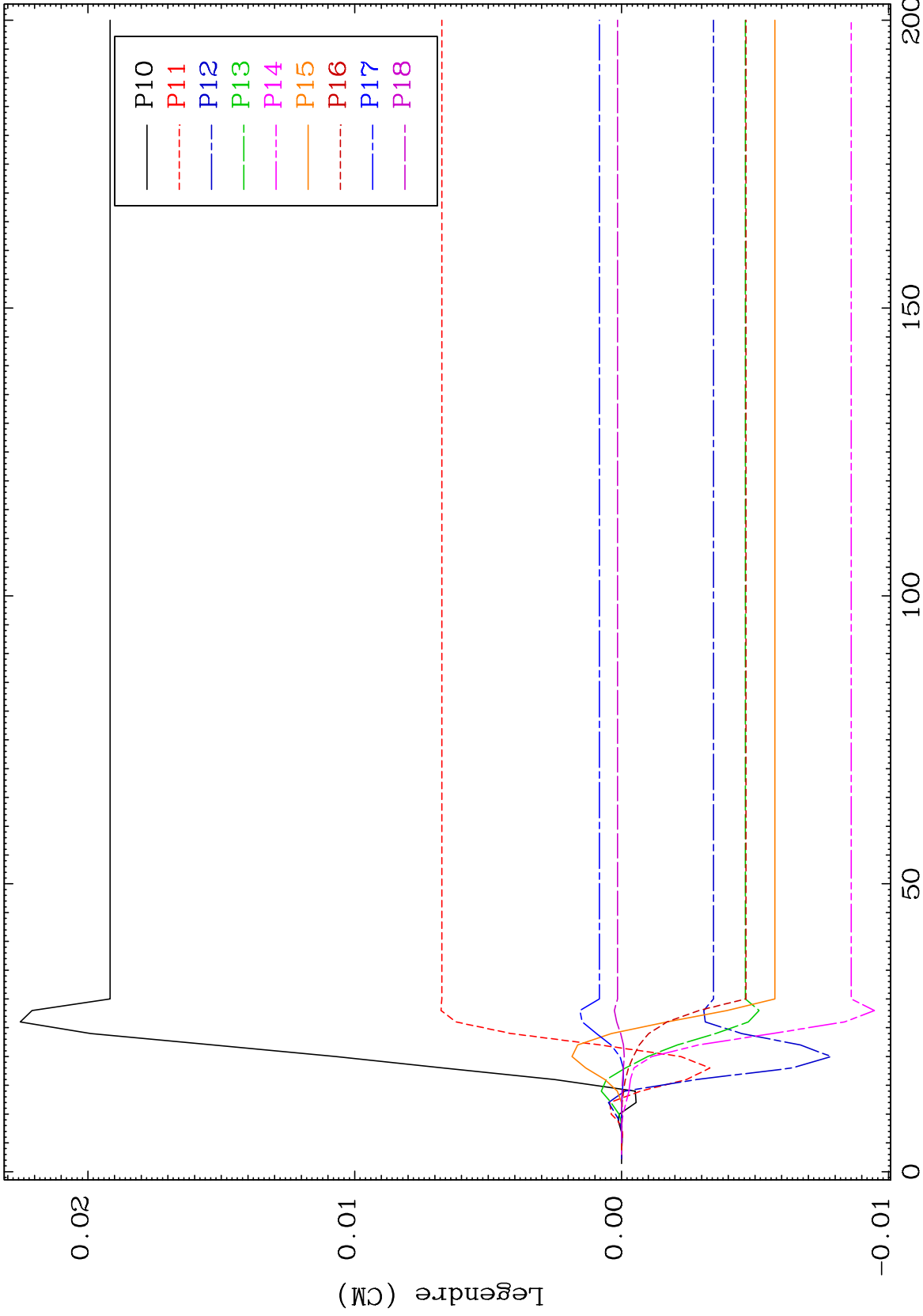
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

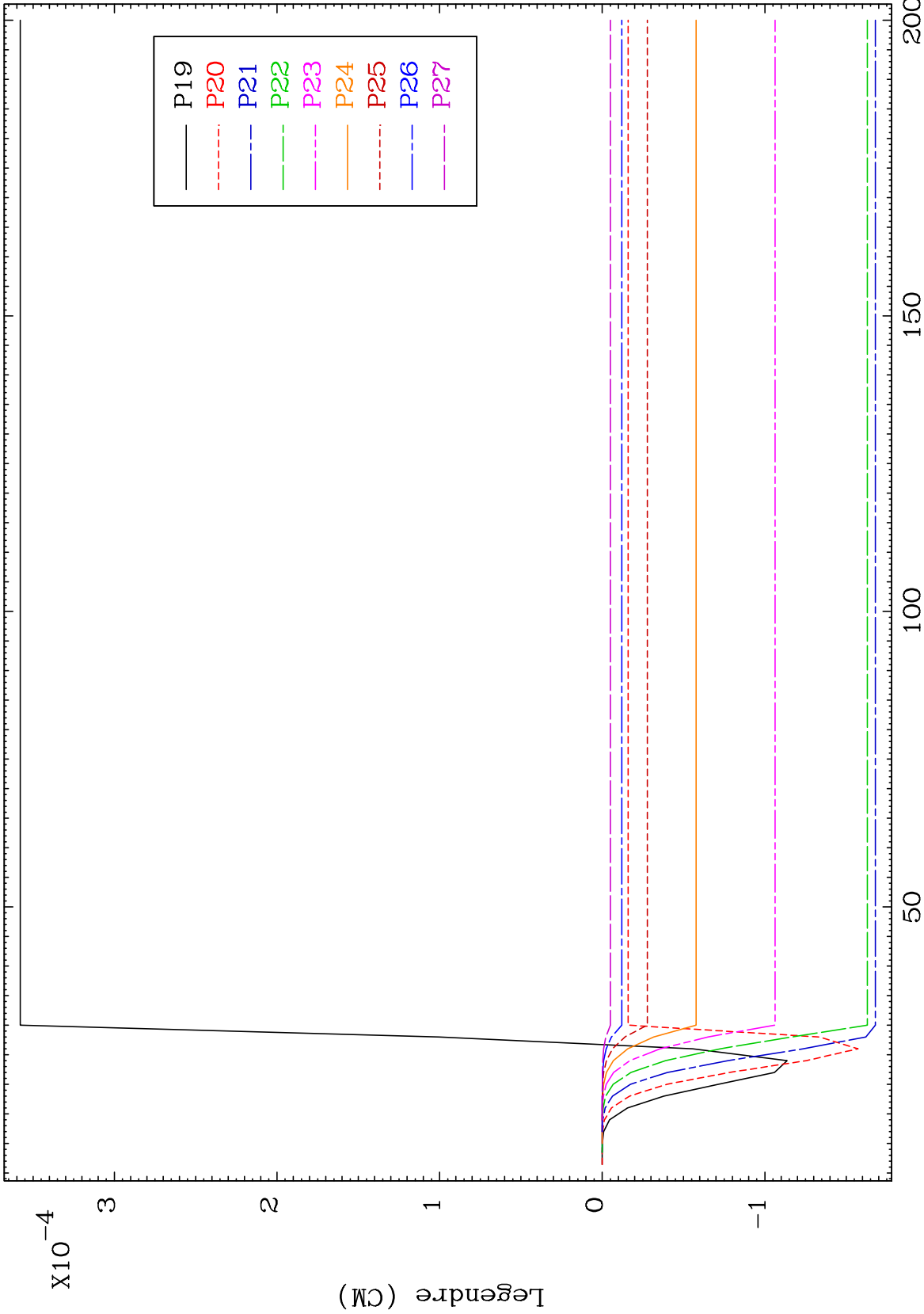
59-Pr-144



80

Incident Energy (MeV)

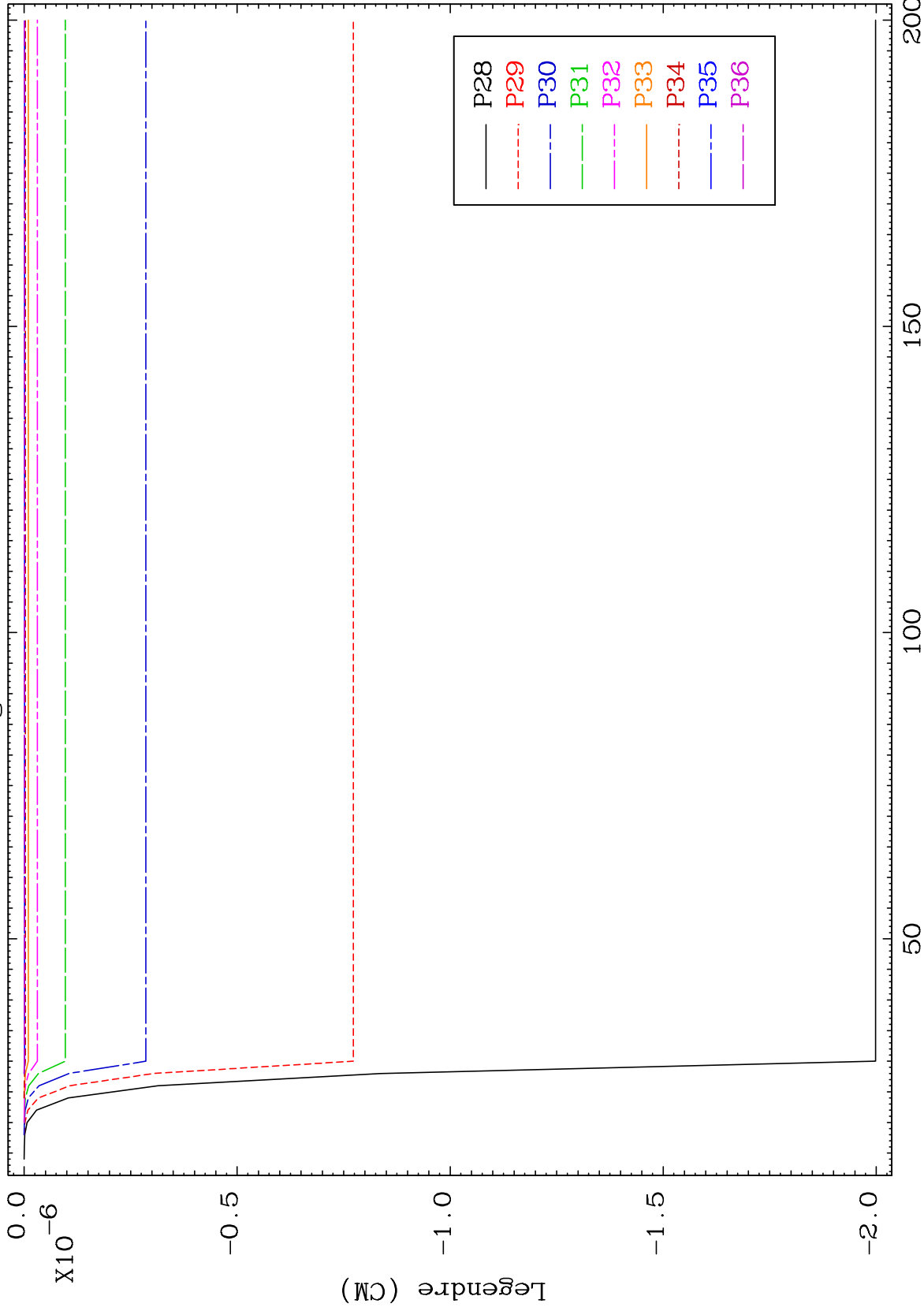
59-Pr-144



MAT 5934

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

59-Pr-144



82

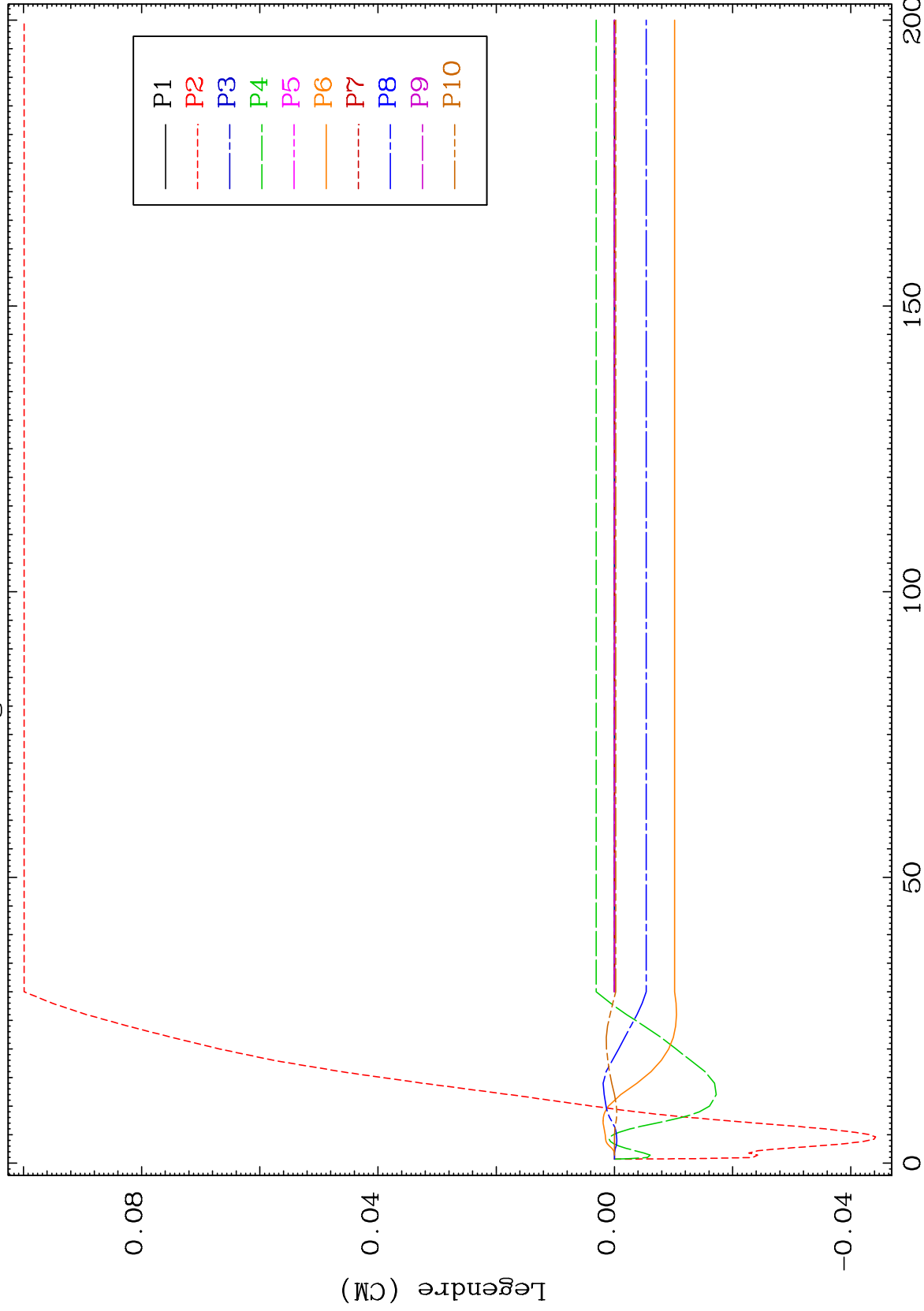
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



83

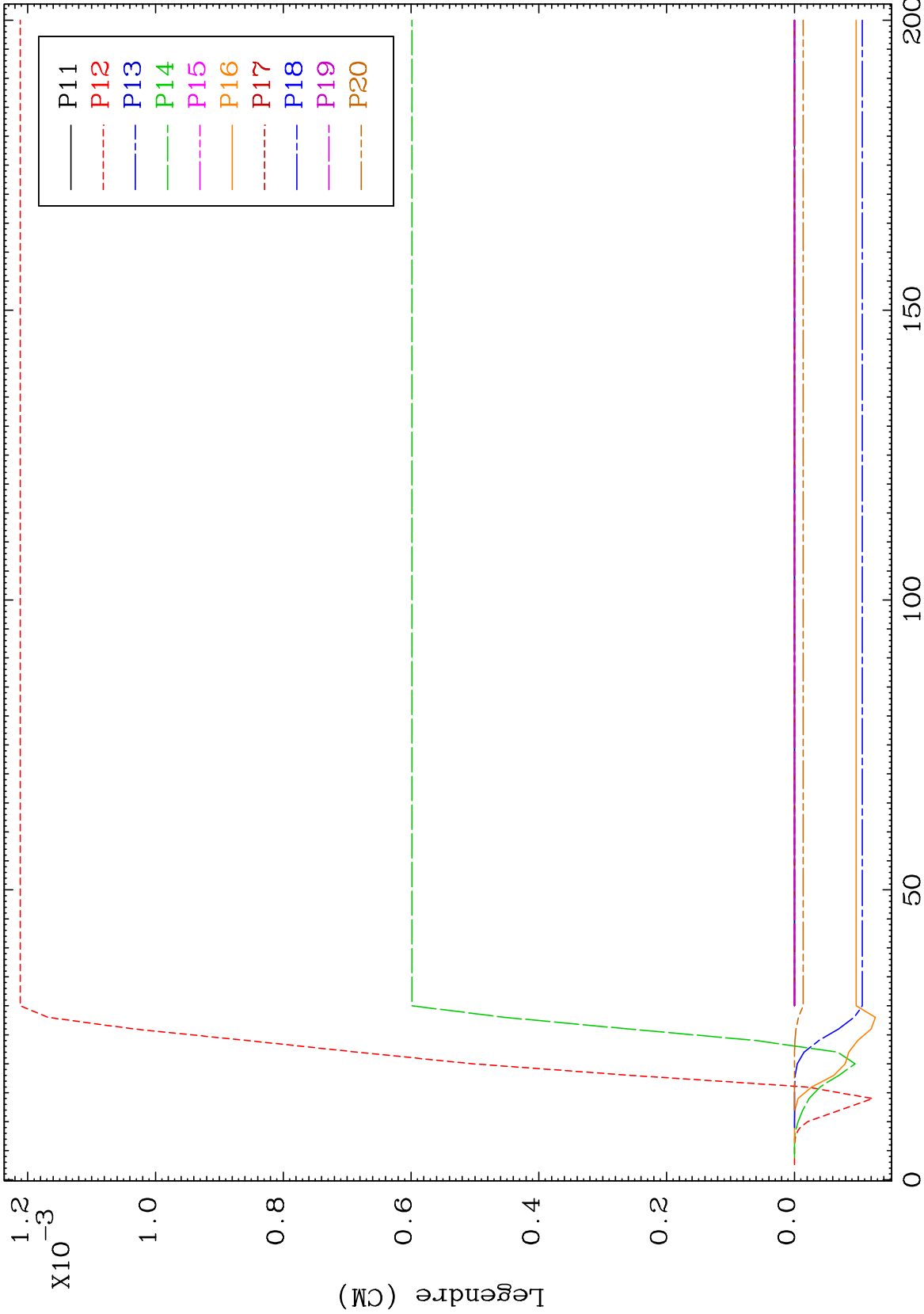
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



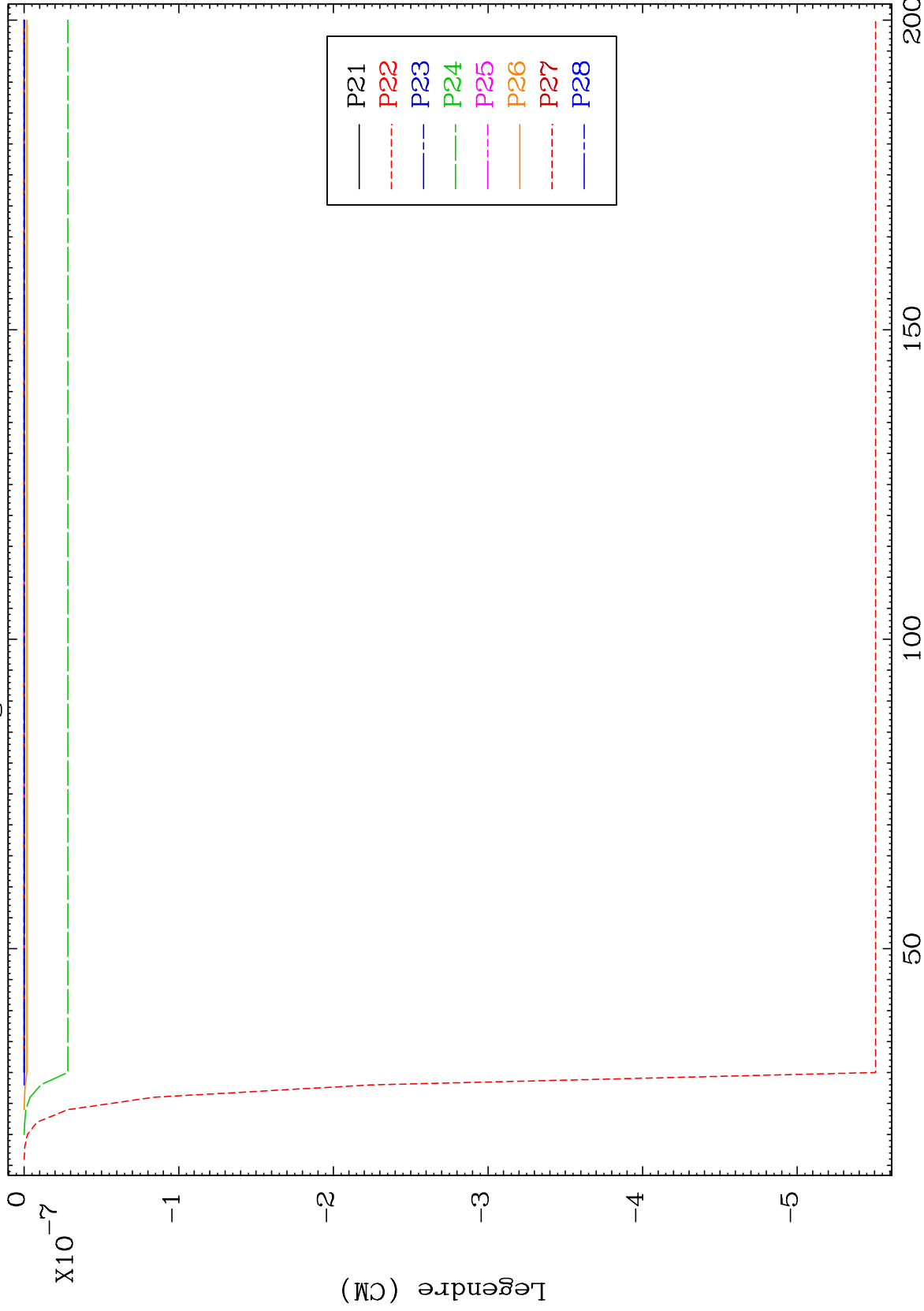
84

59-Pr-144

MAT 5934

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

59-Pr-144



85

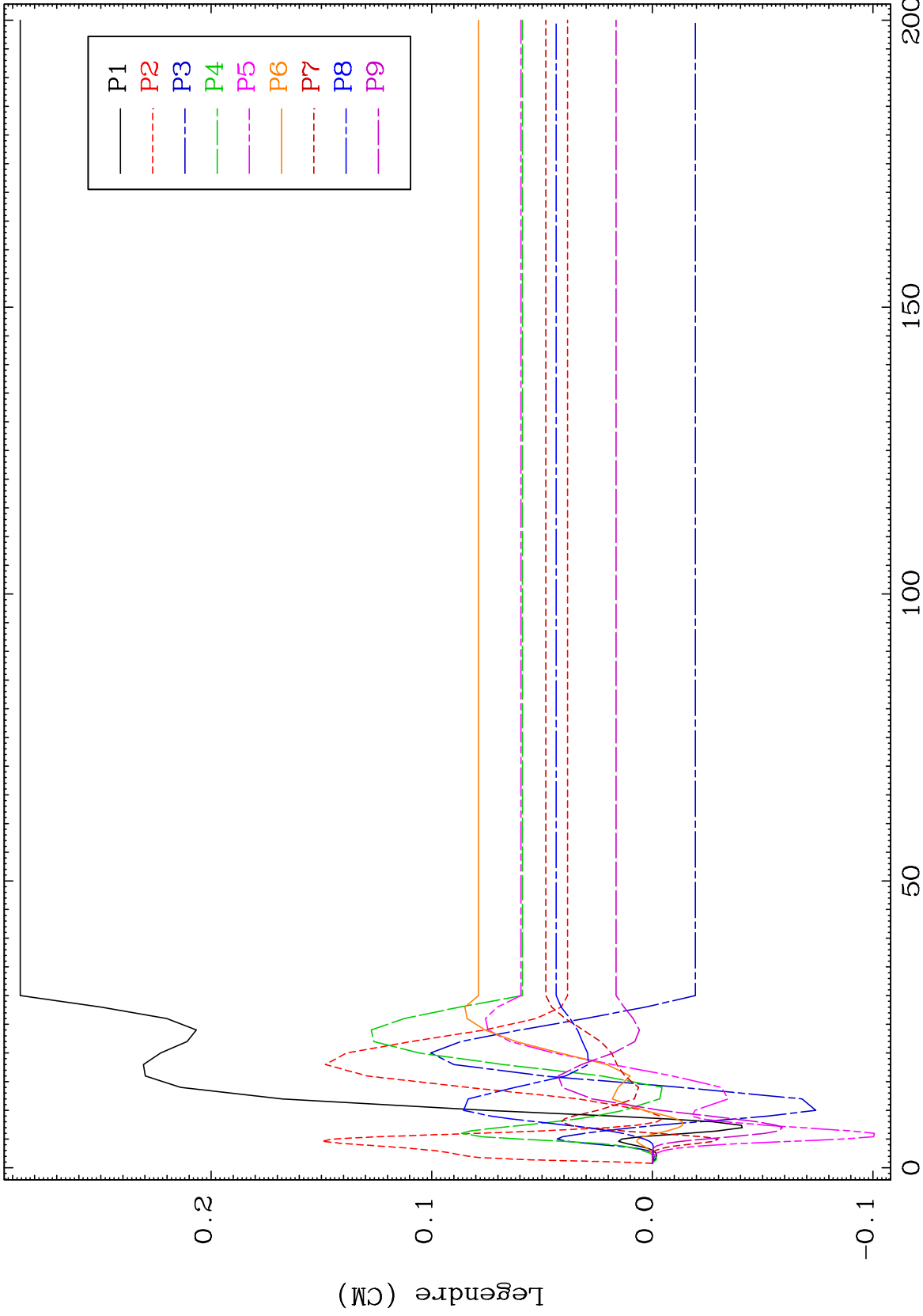
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



86

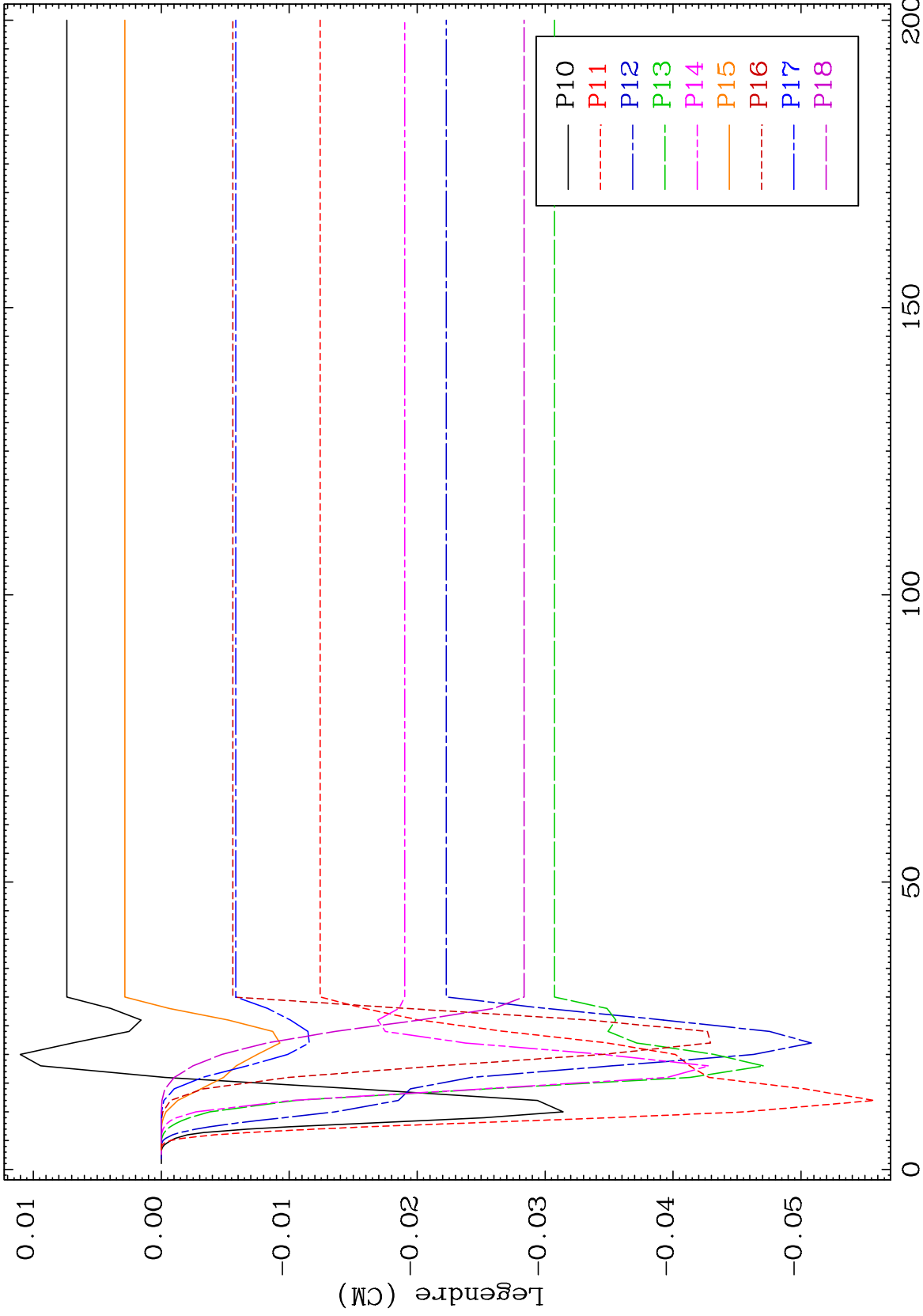
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



87

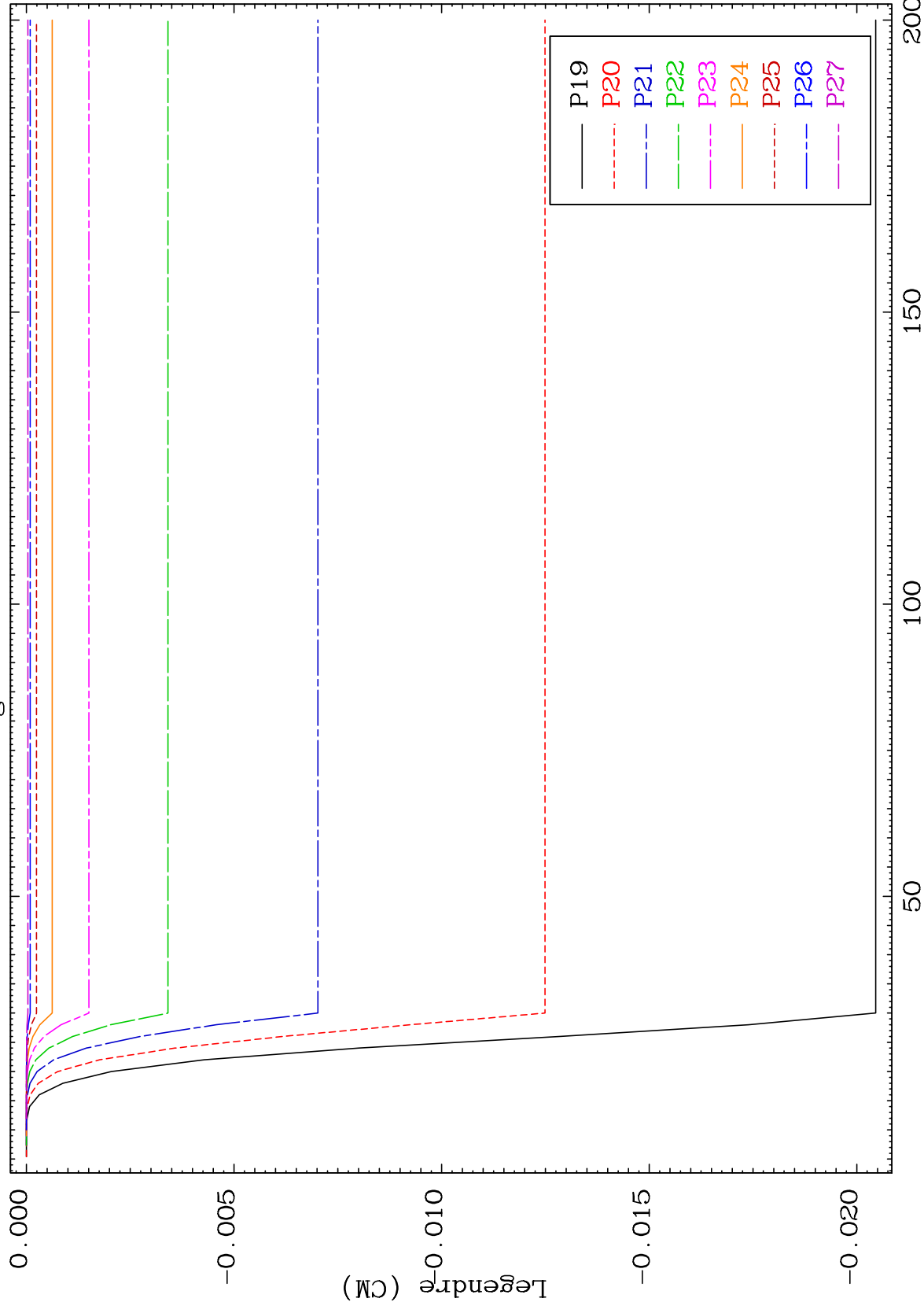
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



88

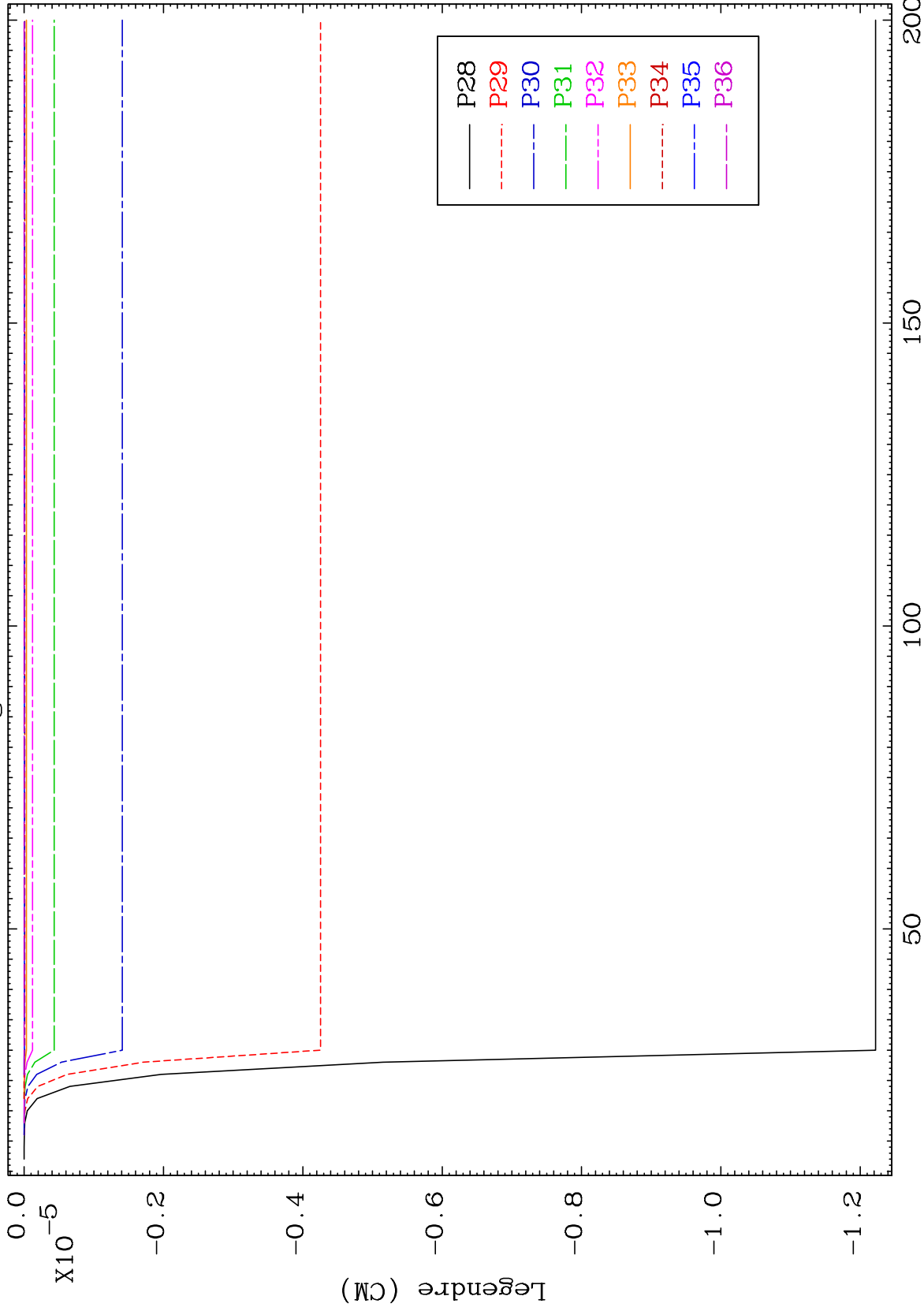
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



89

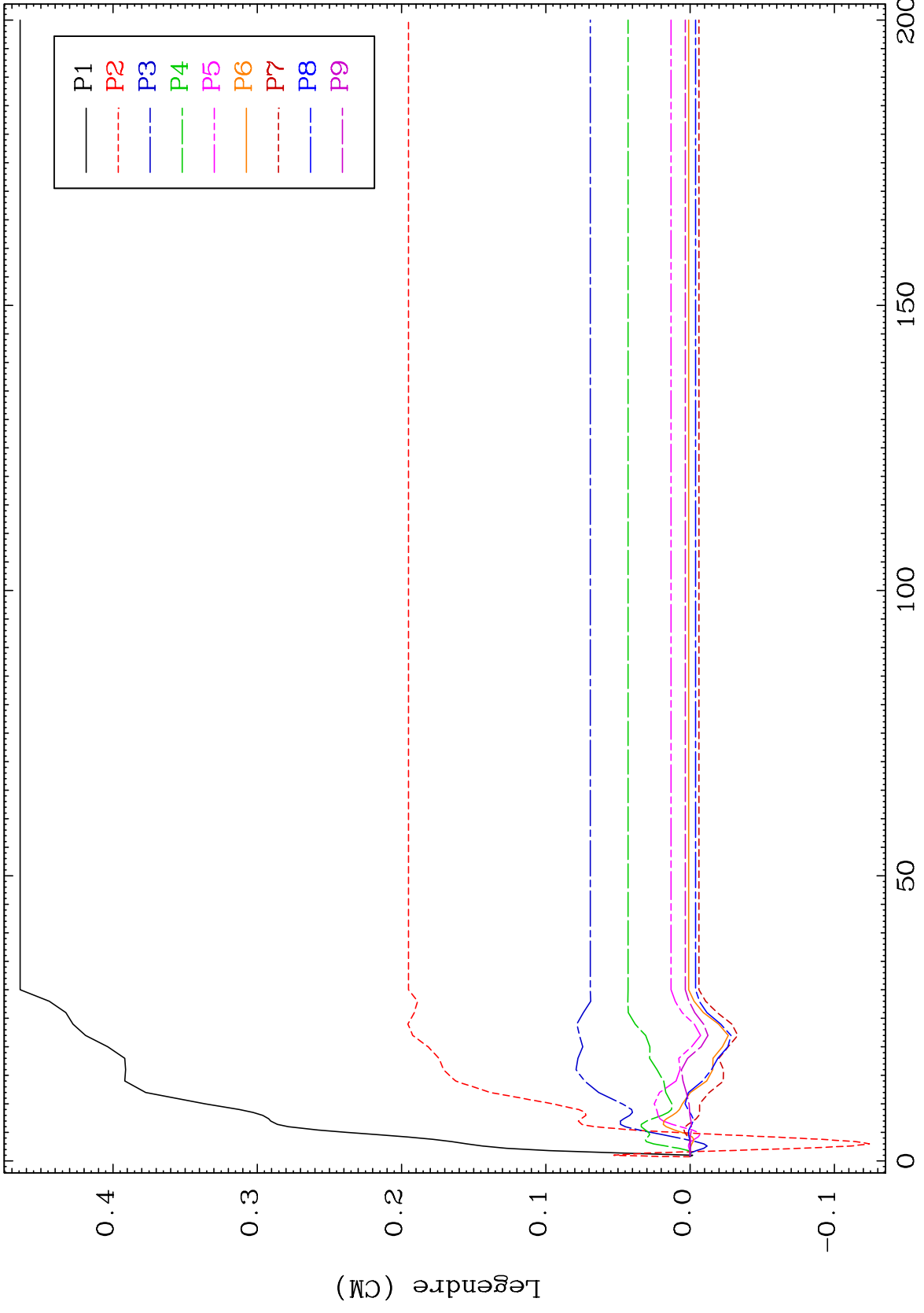
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



90

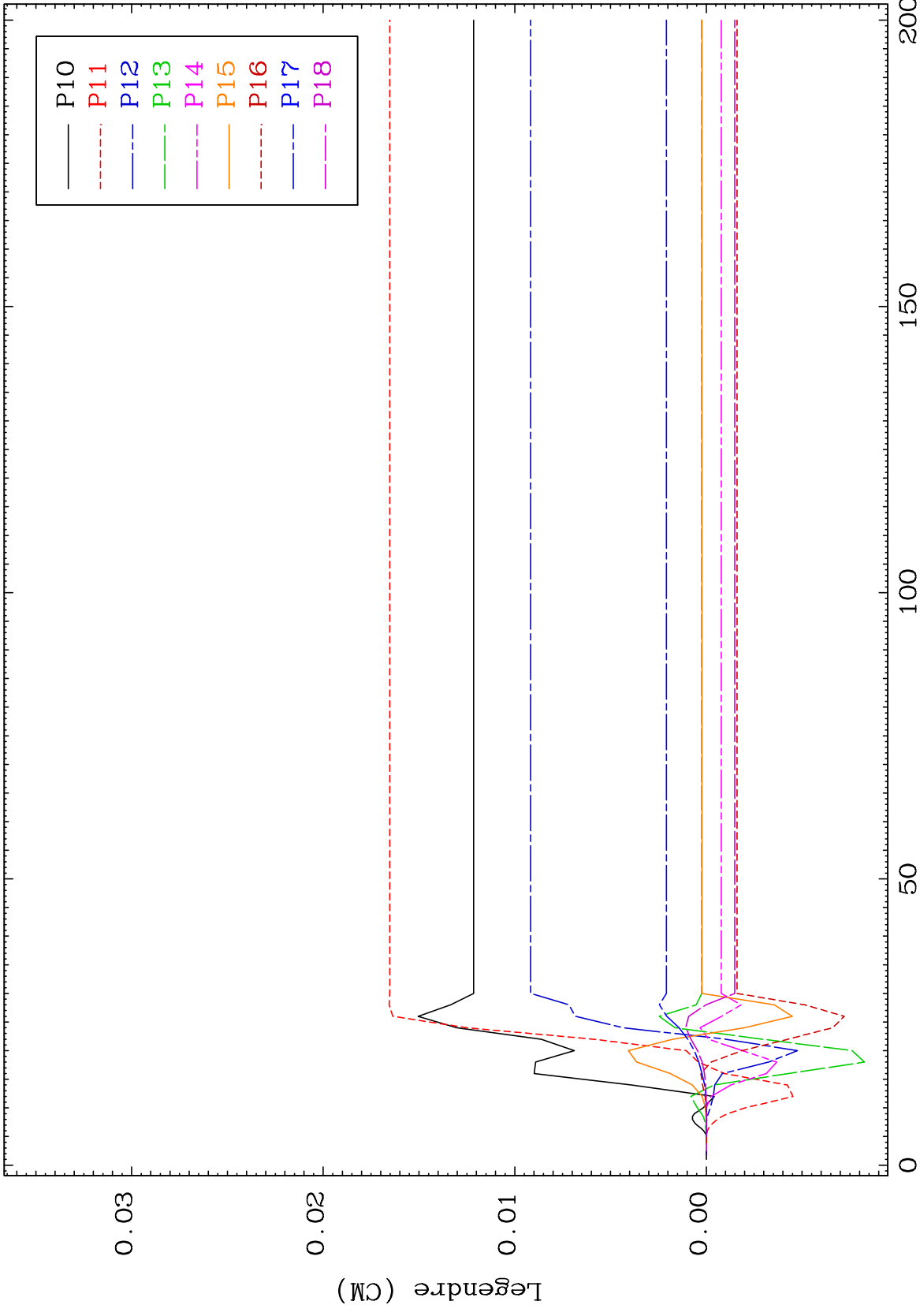
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



91

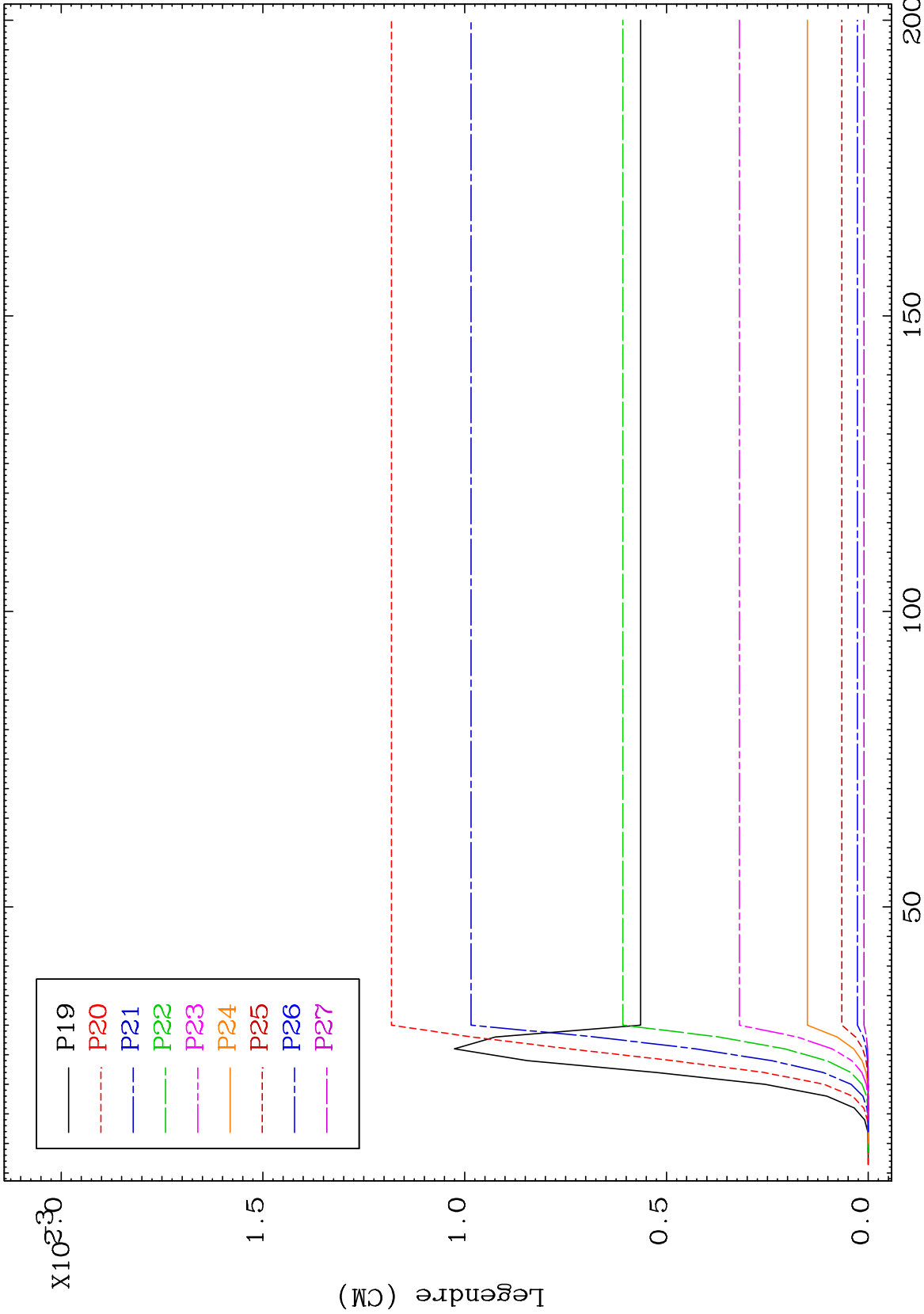
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



92

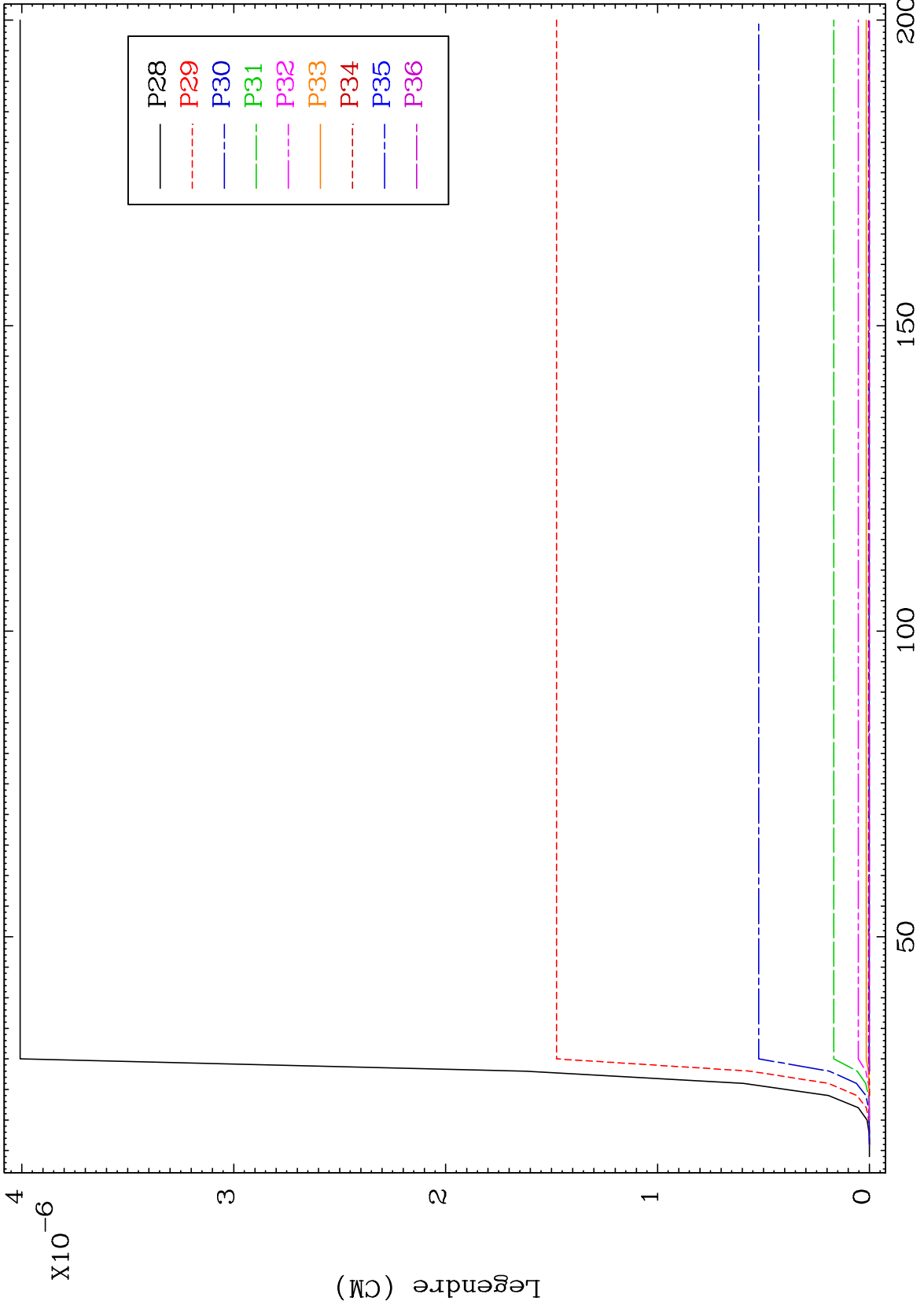
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



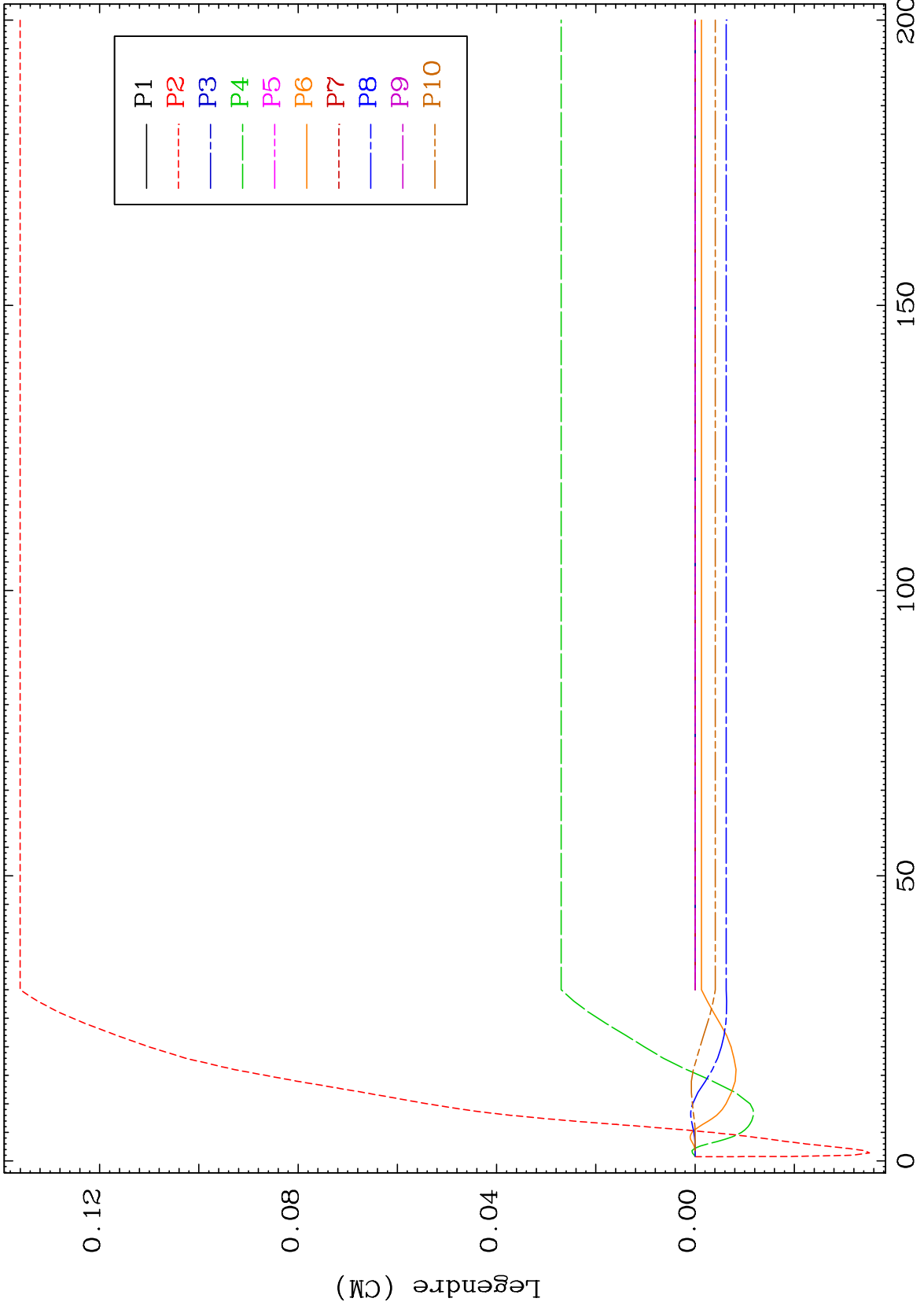
93

59-Pr-144

MAT 5934

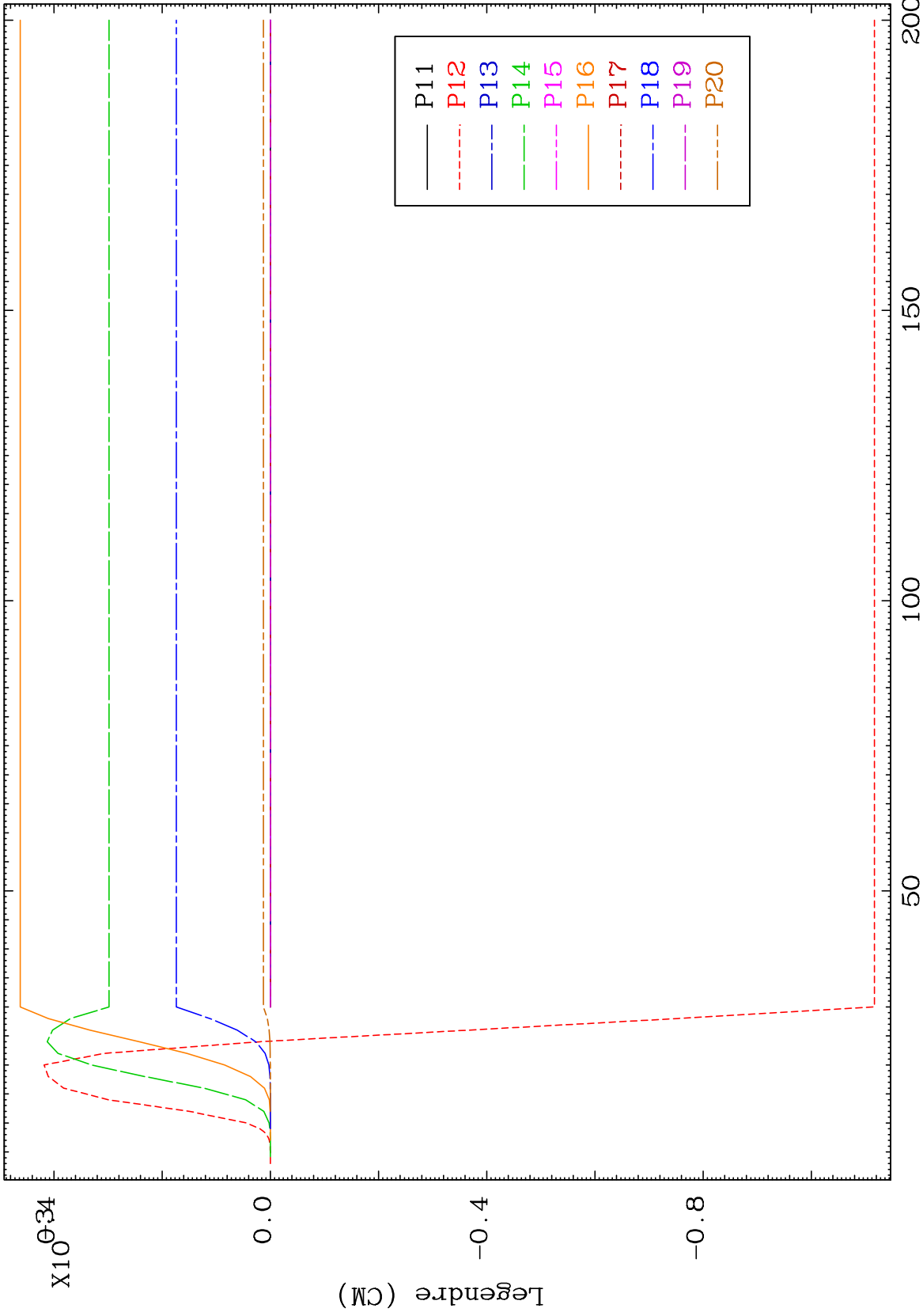
MT= 71 (n,n') Level
Legendre Coefficients

59-Pr-144



94

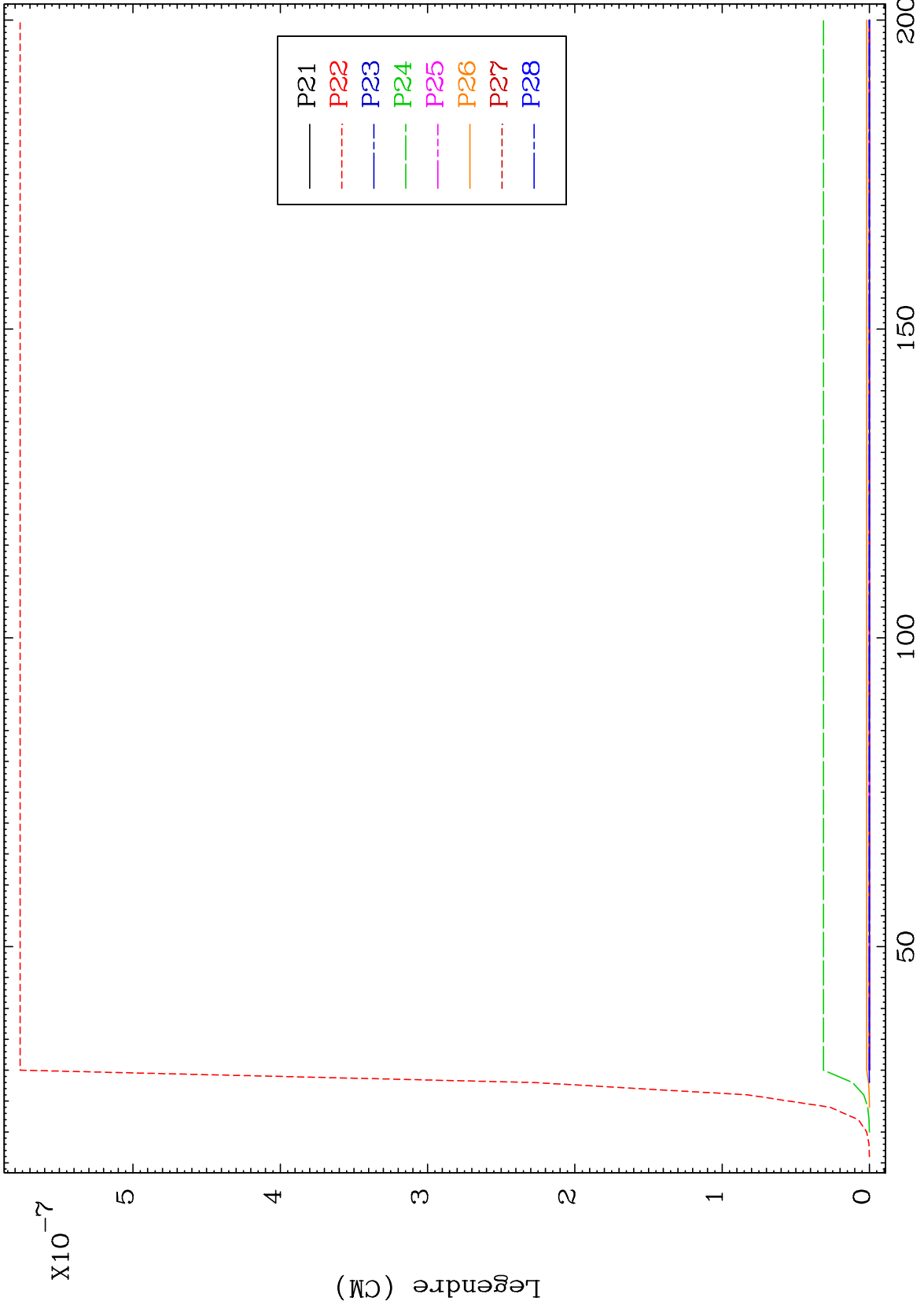
59-Pr-144



MAT 5934

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

59-Pr-144



96

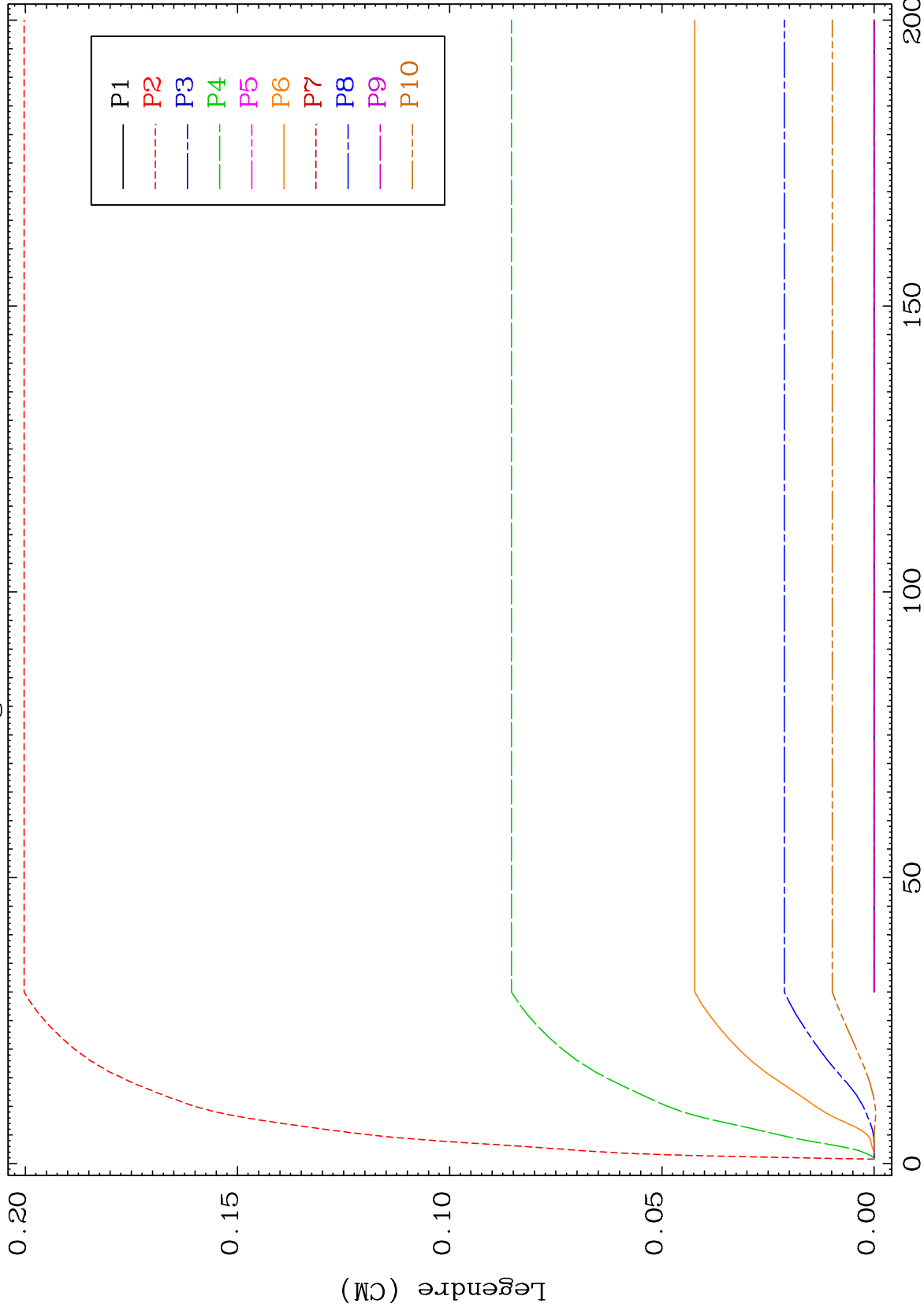
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



97

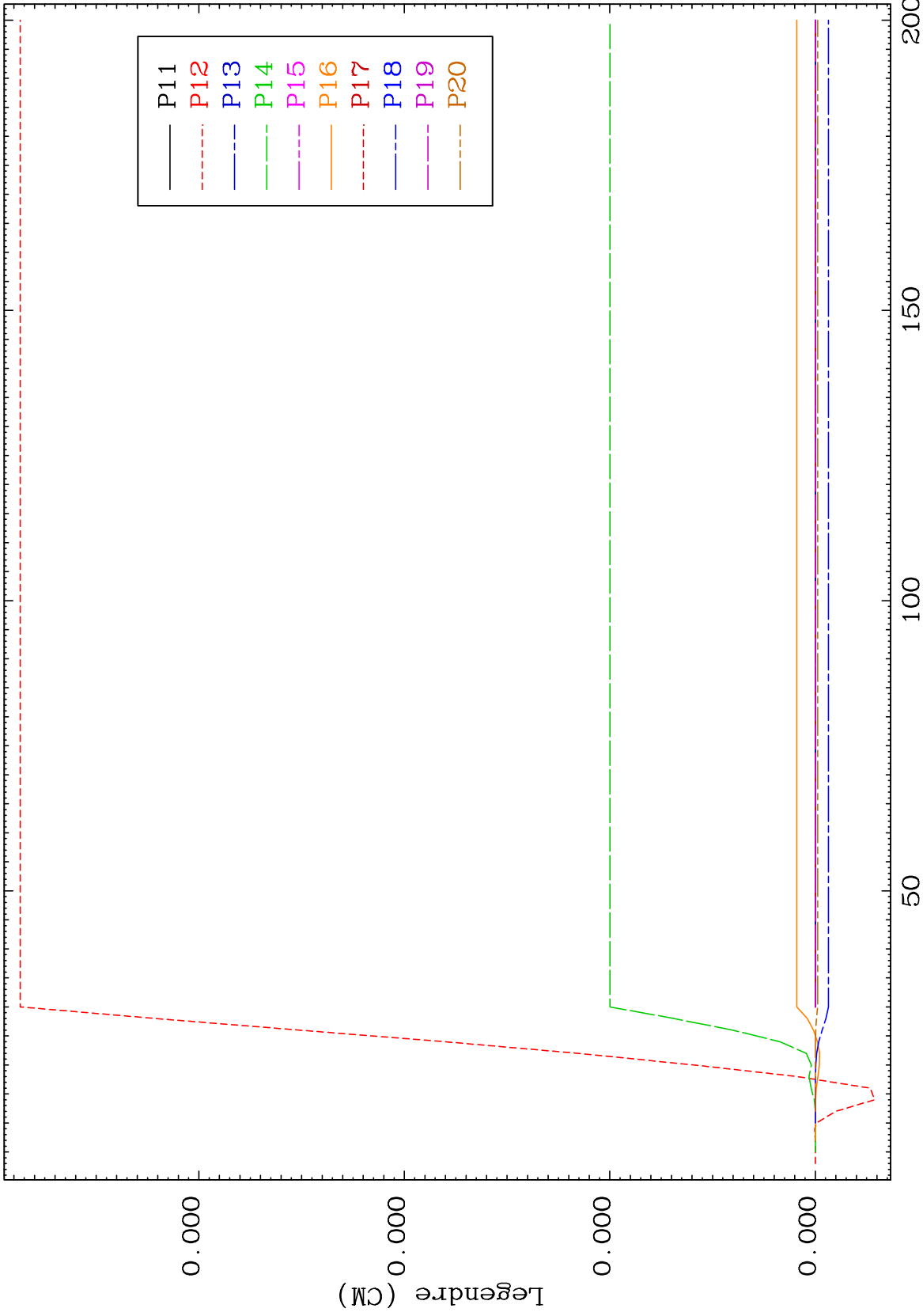
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



98

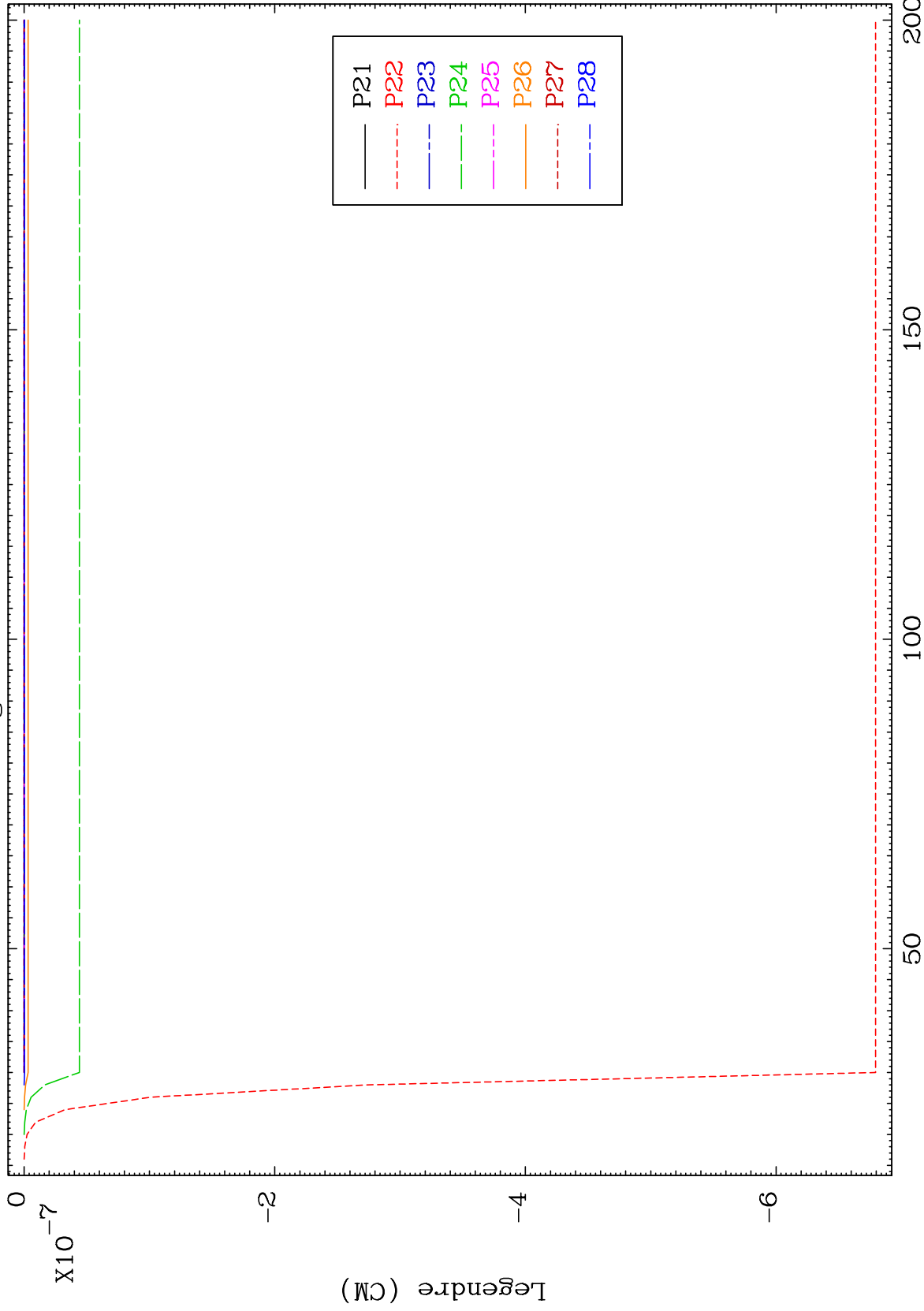
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



99

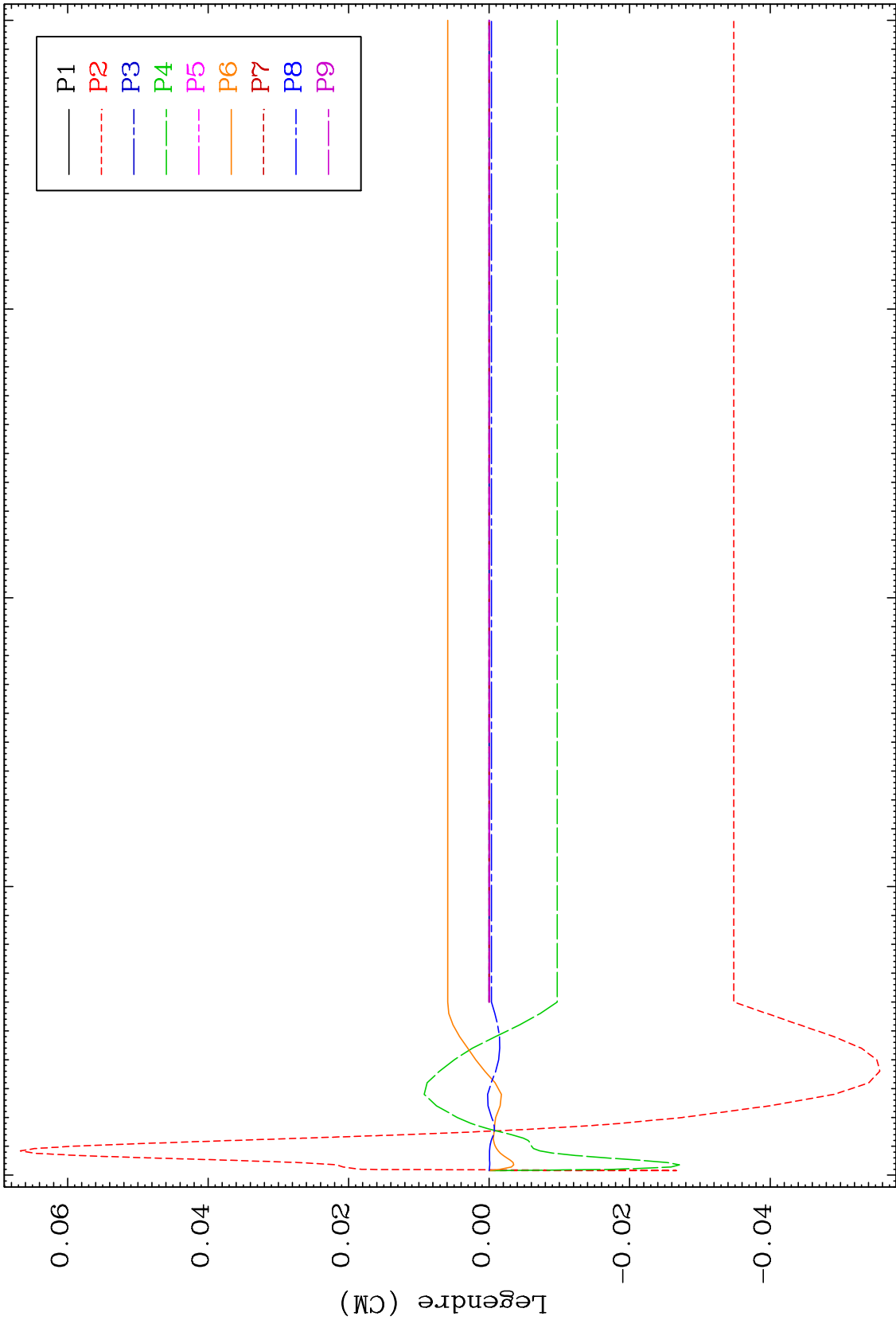
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

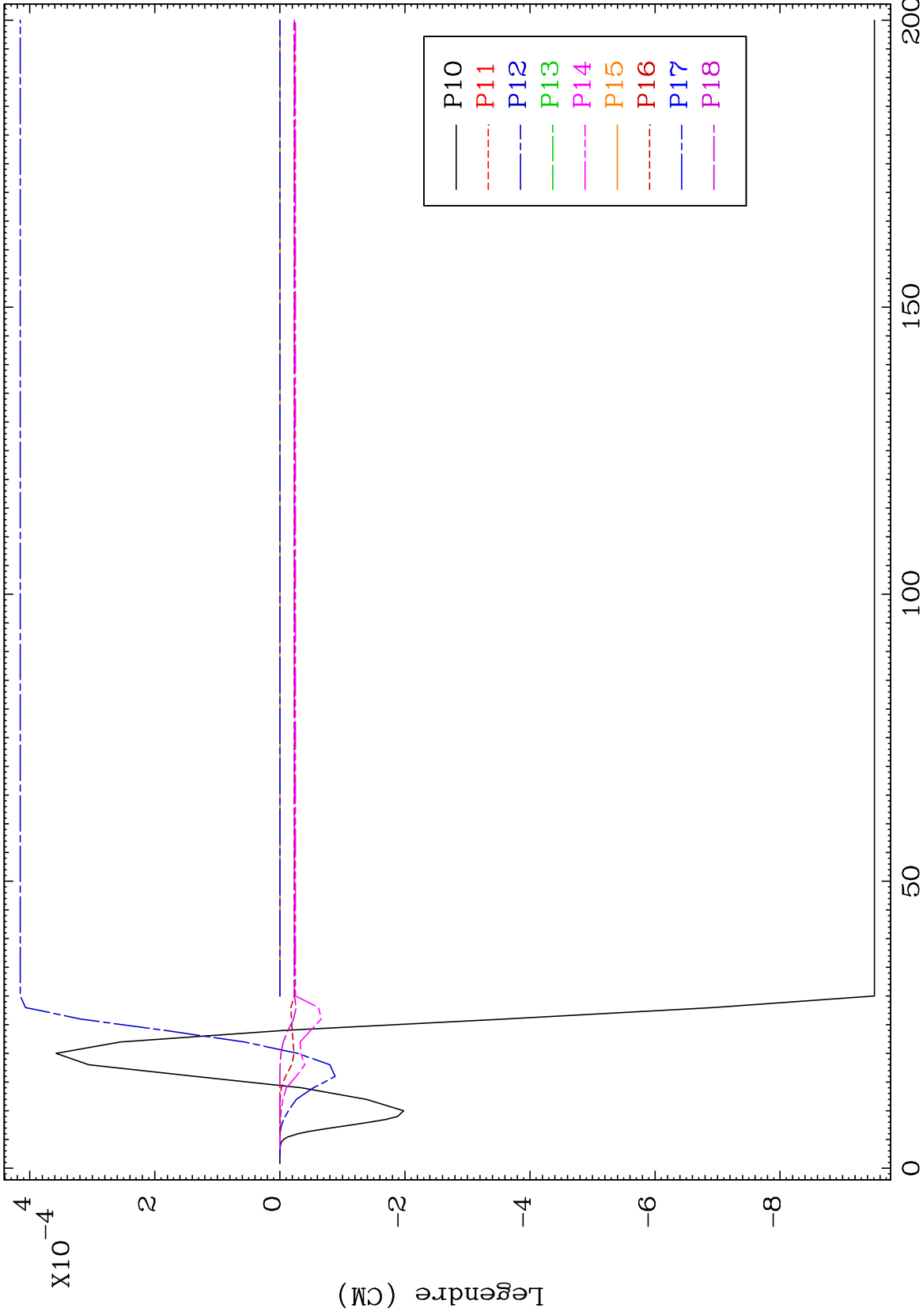
Incident Energy (MeV)

100

MAT 5934

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

59-Pr-144



101

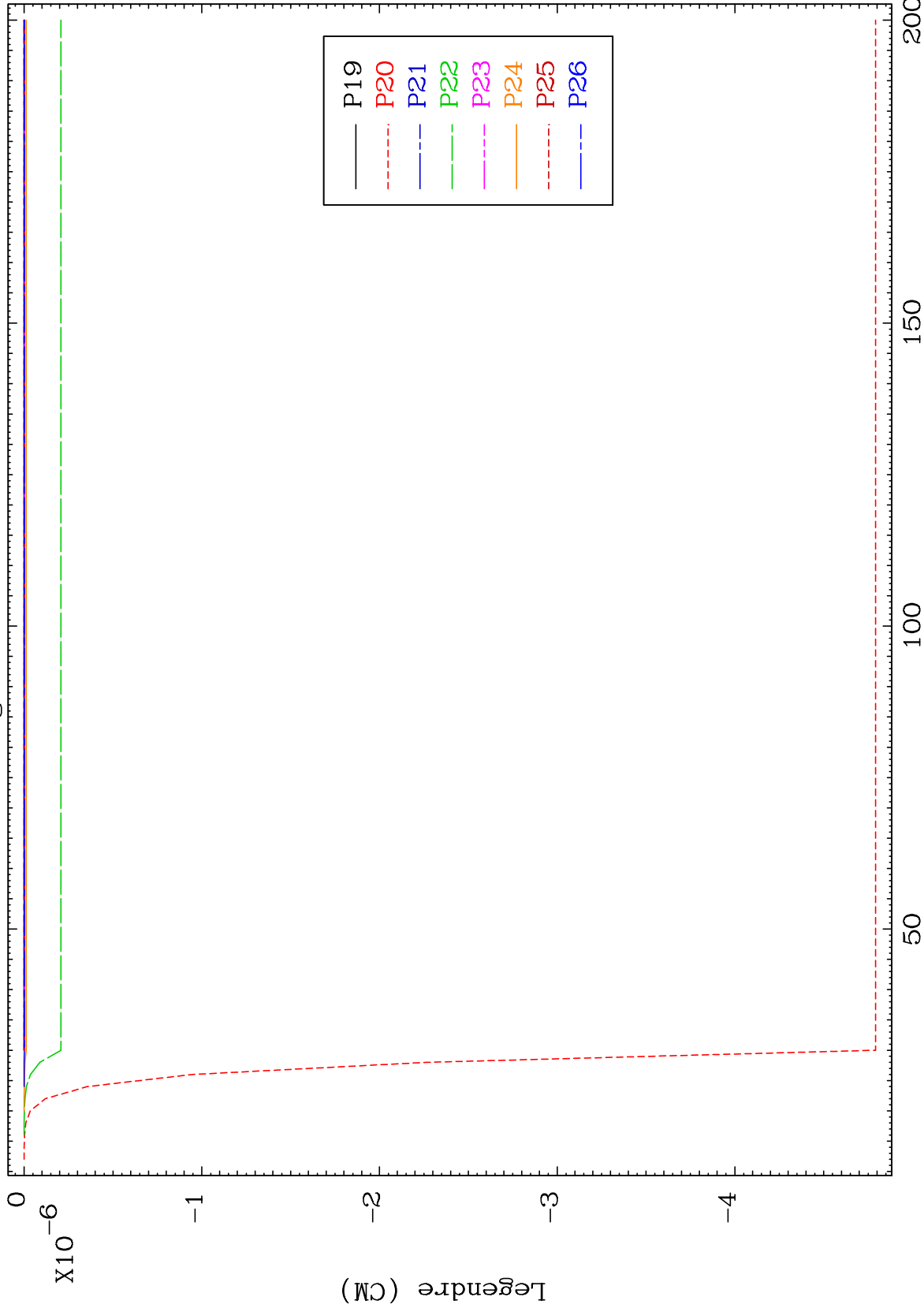
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



102

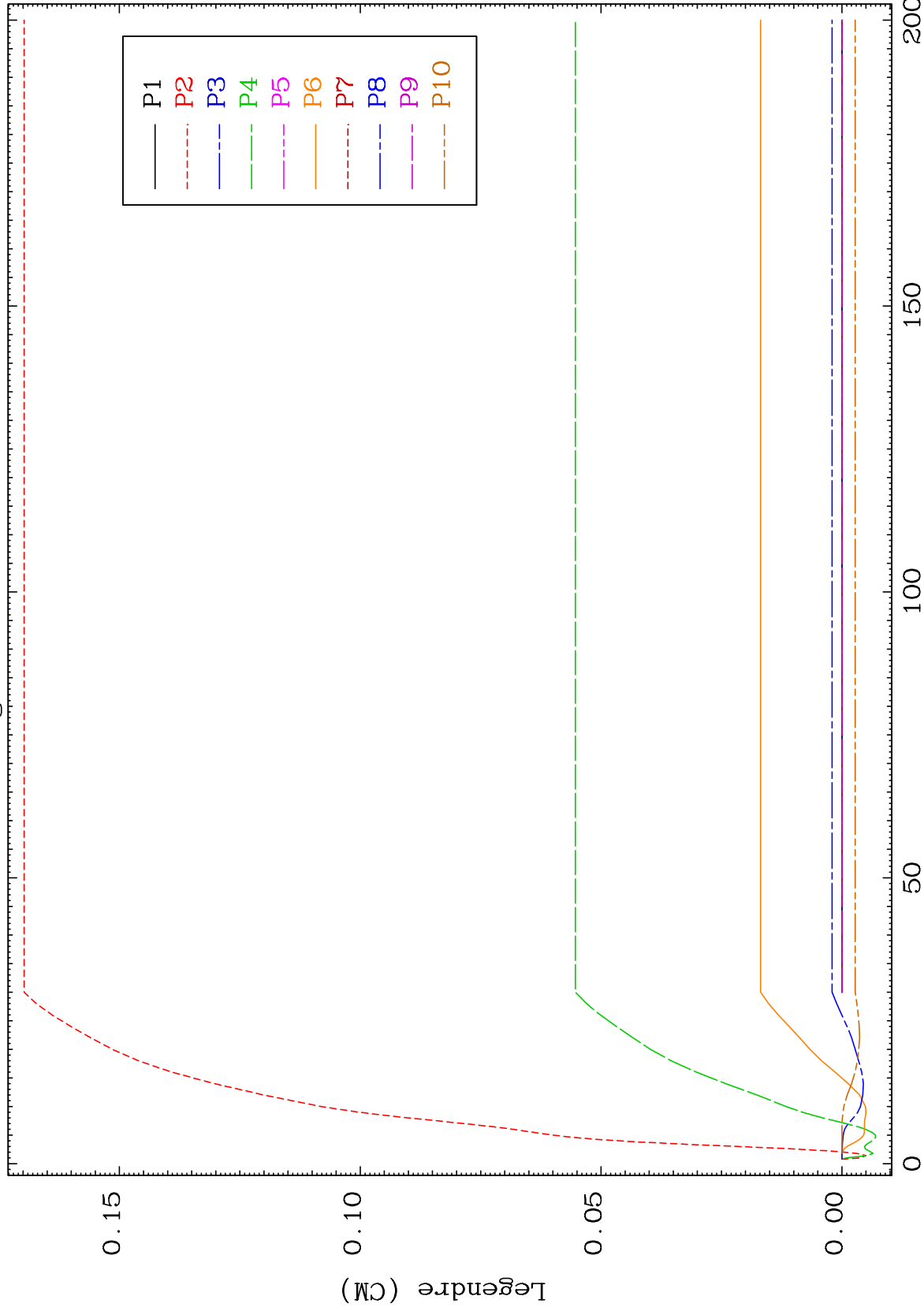
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

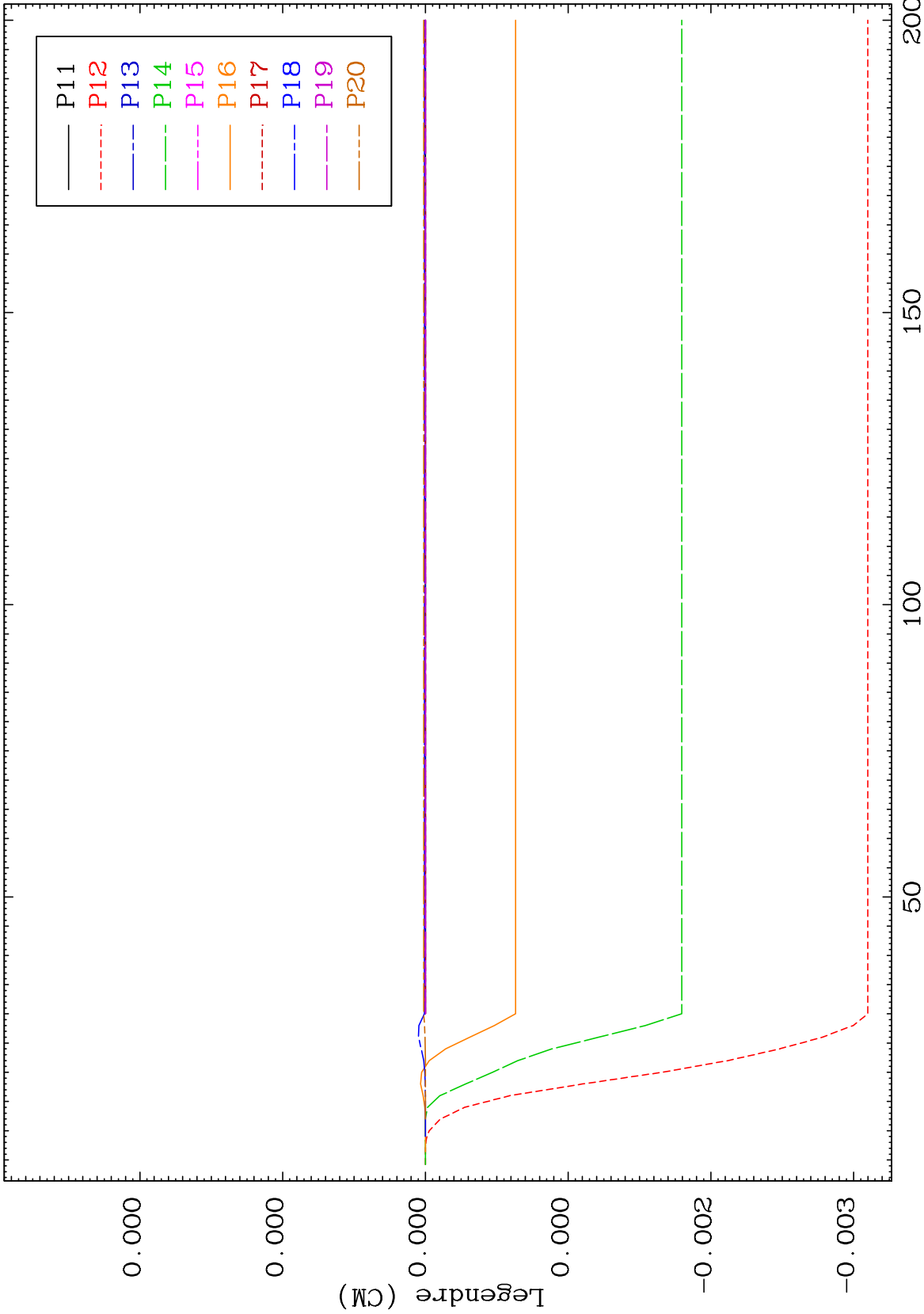
Incident Energy (MeV)

103

MAT 5934

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

59-Pr-144



104

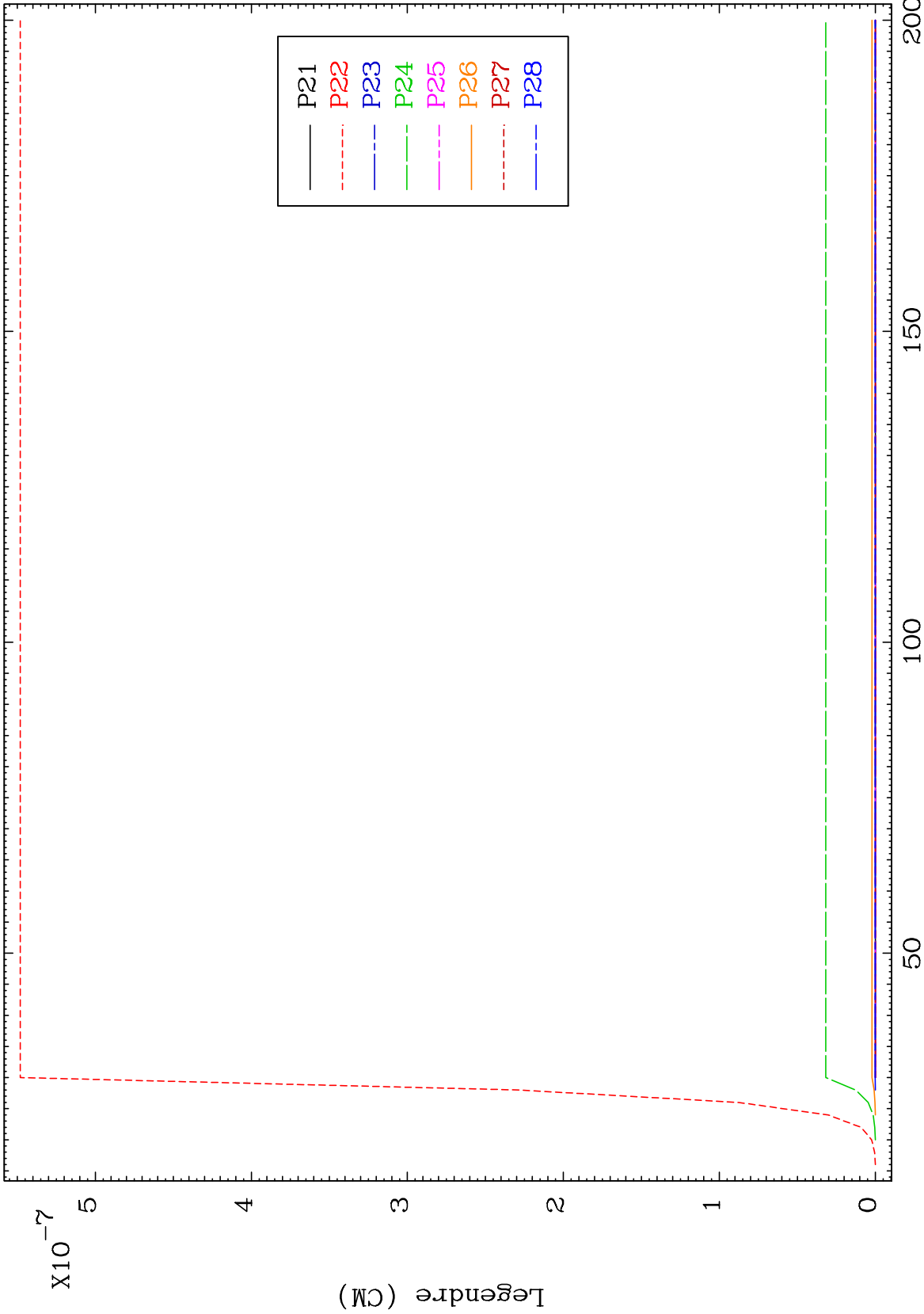
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



105

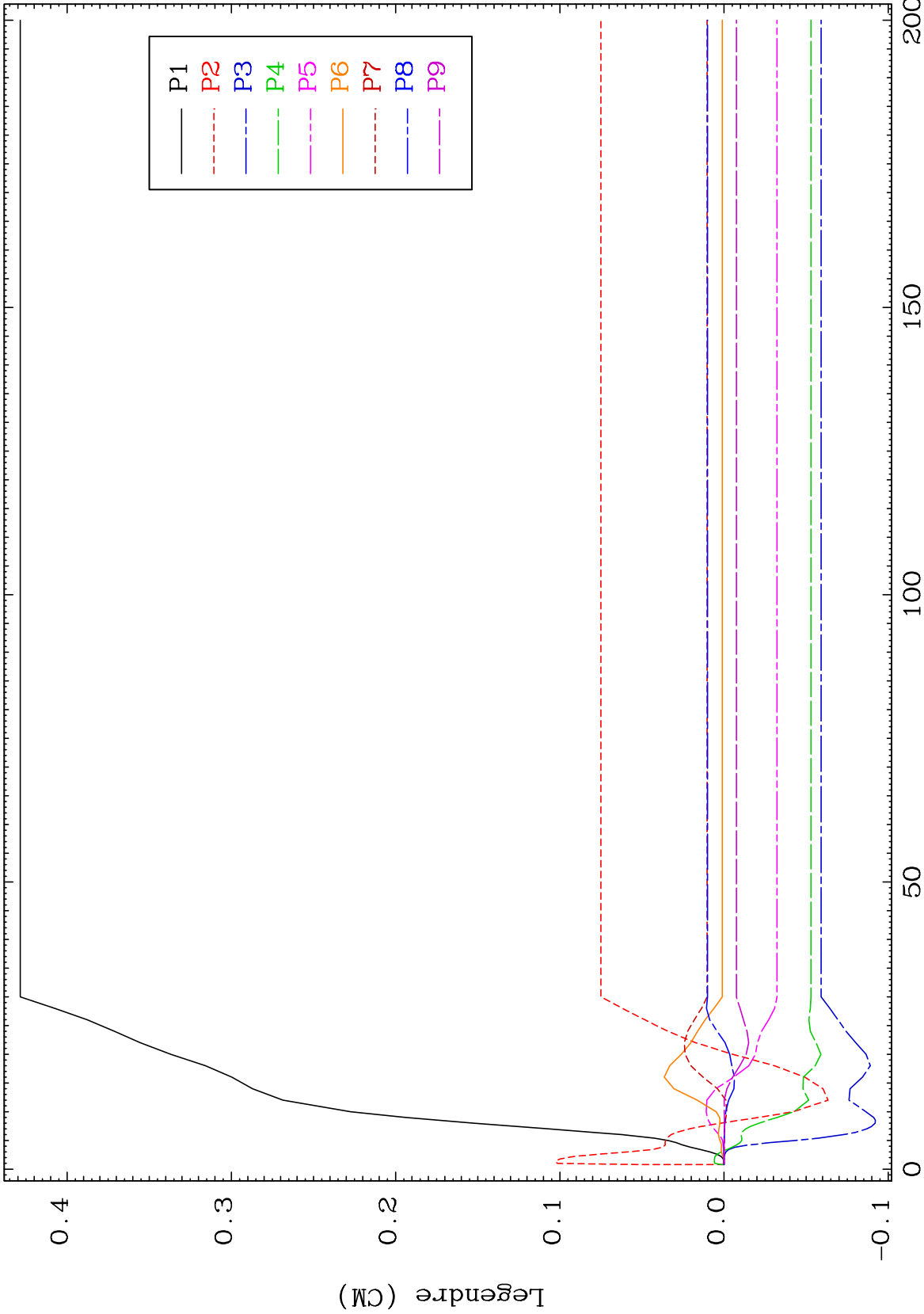
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

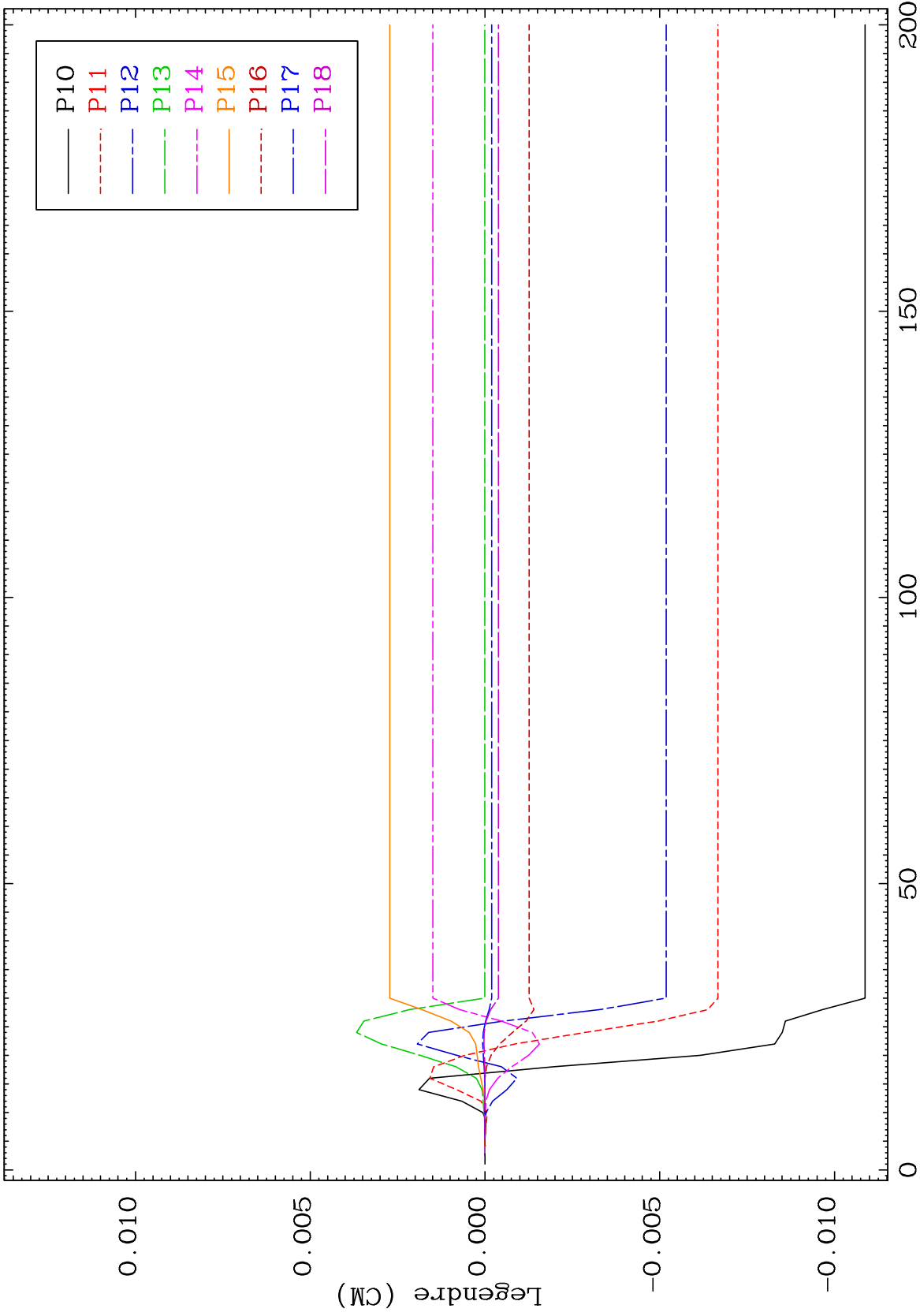
Incident Energy (MeV)

106

MAT 5934

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

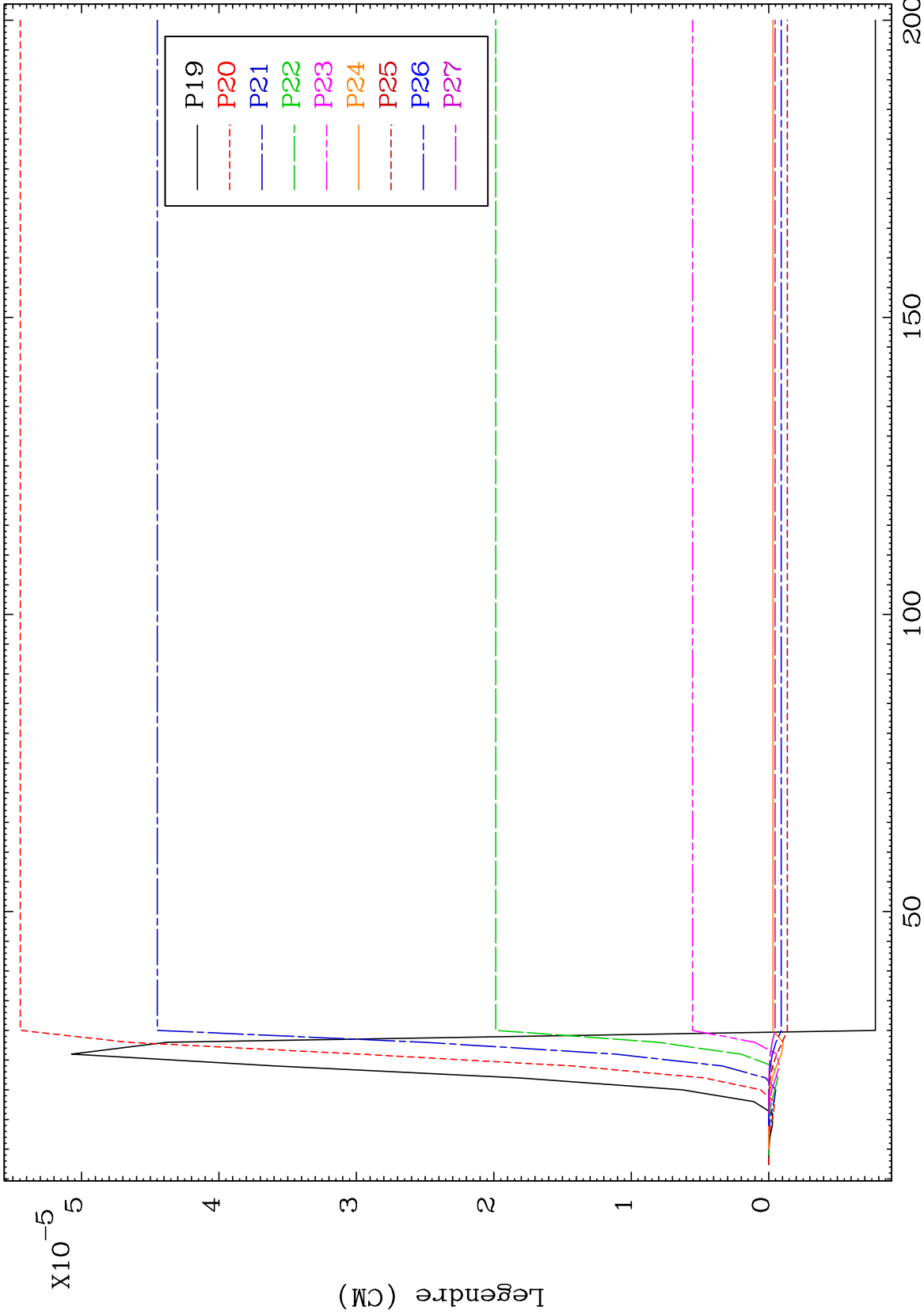
59-Pr-144



107

Incident Energy (MeV)

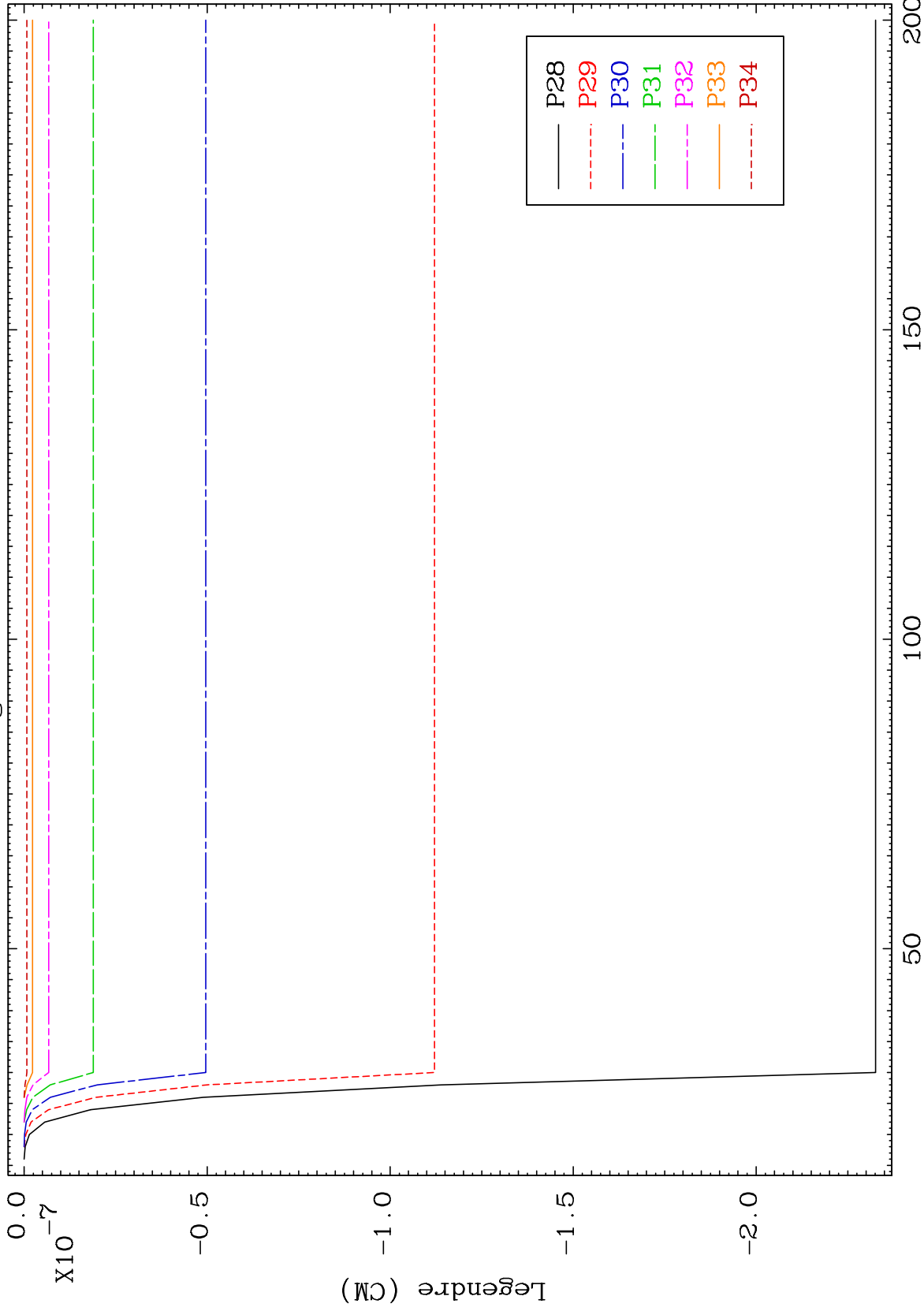
59-Pr-144



MAT 5934

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

59-Pr-144



109

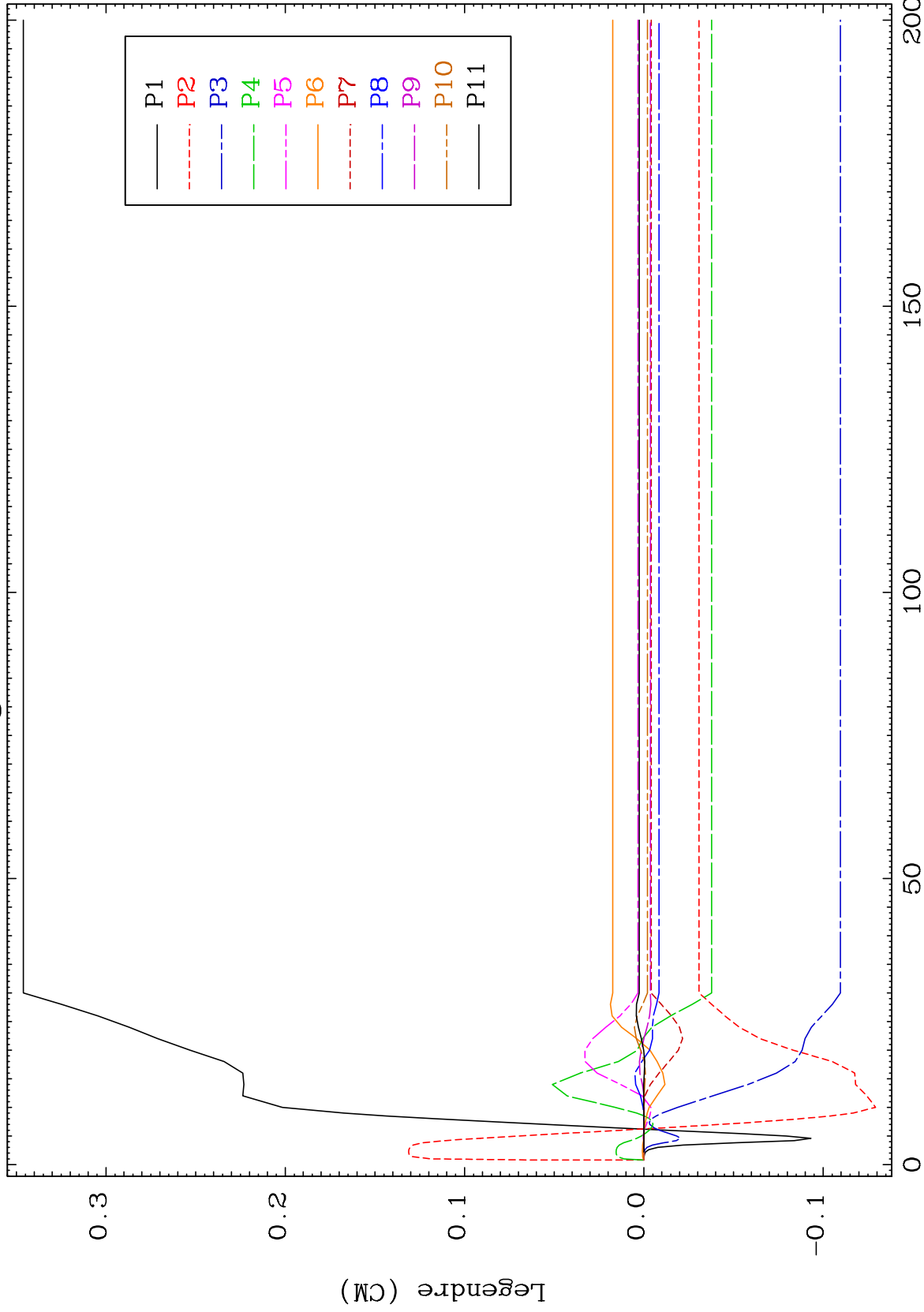
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

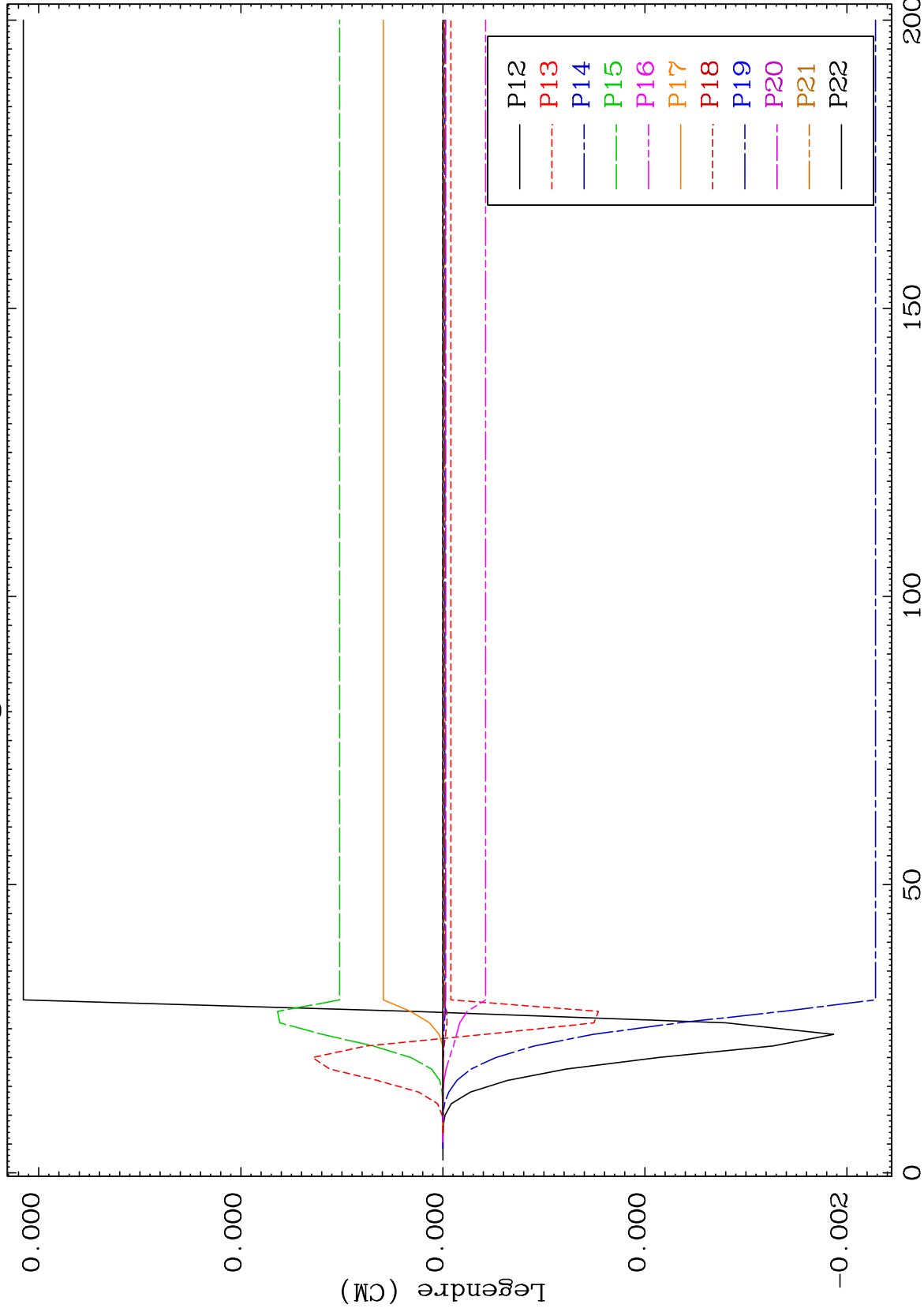
Incident Energy (MeV)

110

MAT 5934

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

59-Pr-144



111

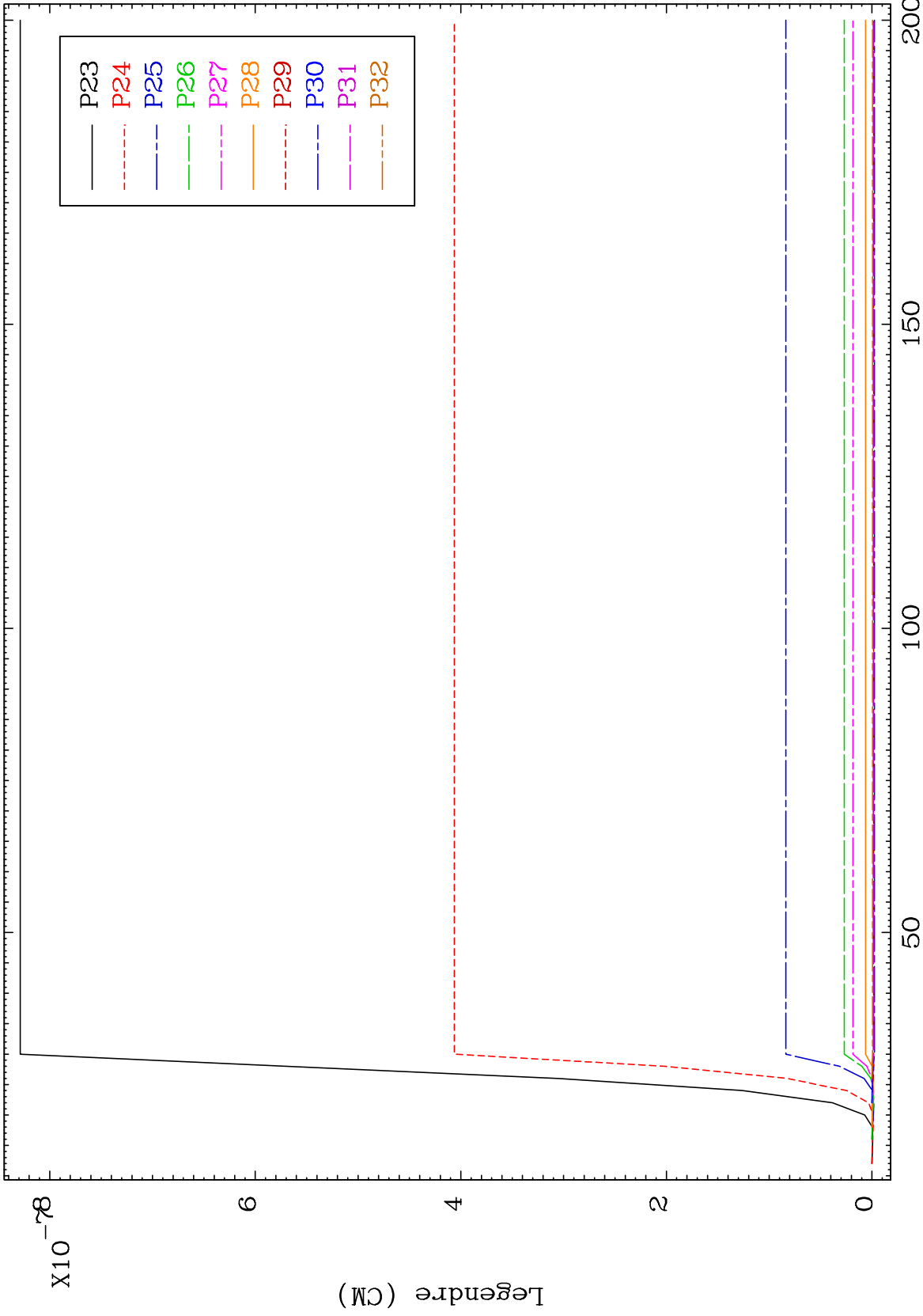
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



112

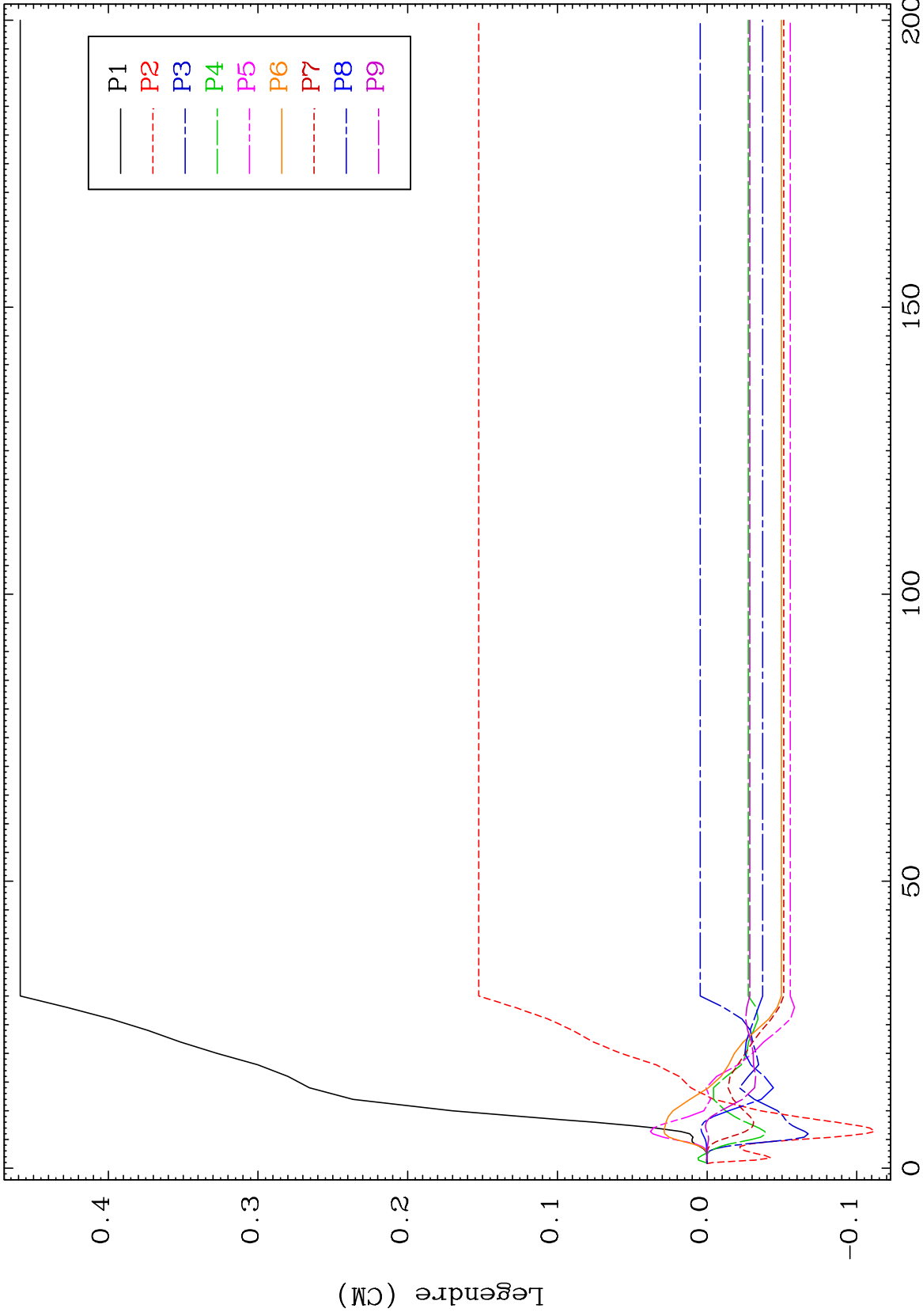
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



113

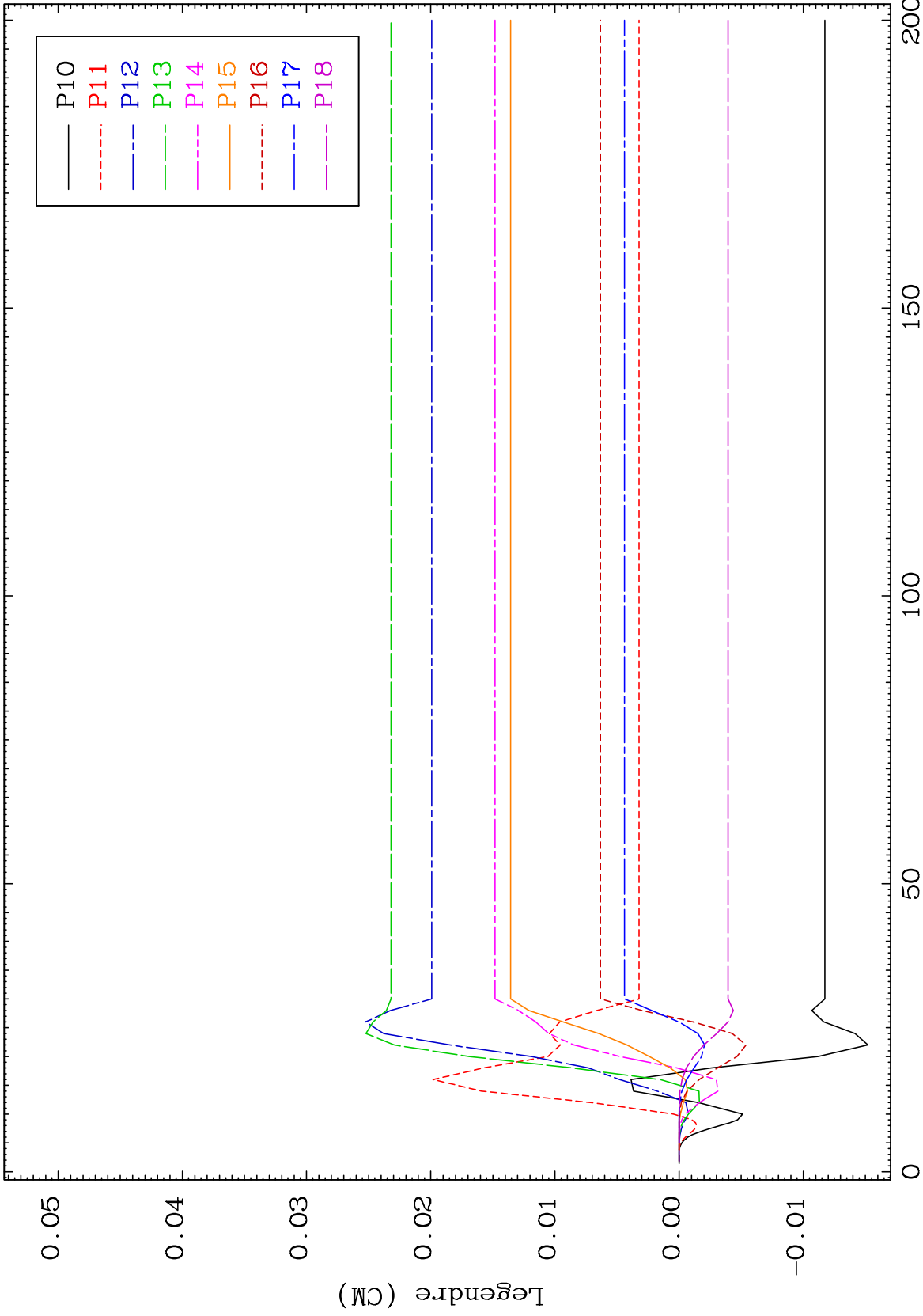
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



114

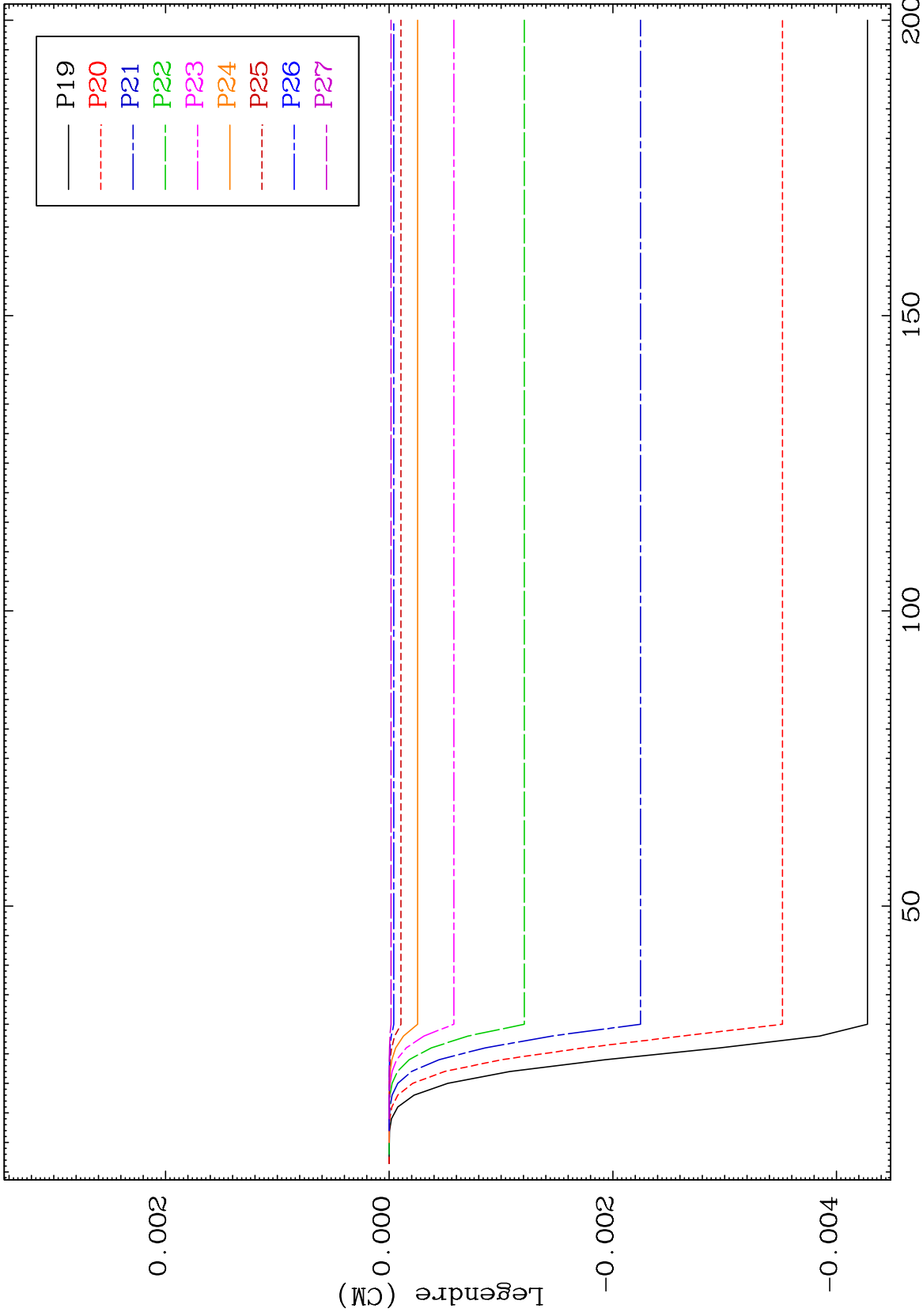
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



115

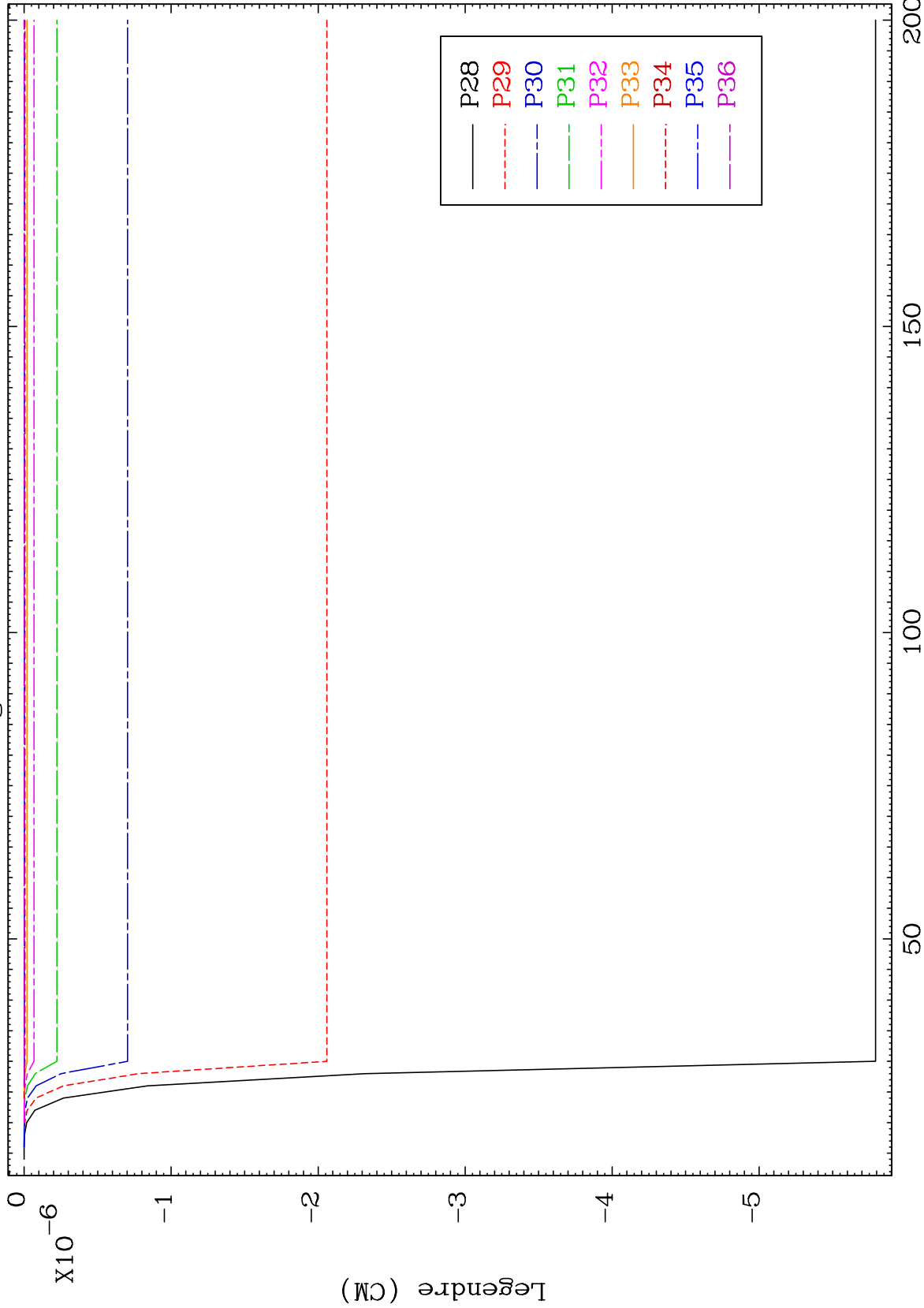
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



116

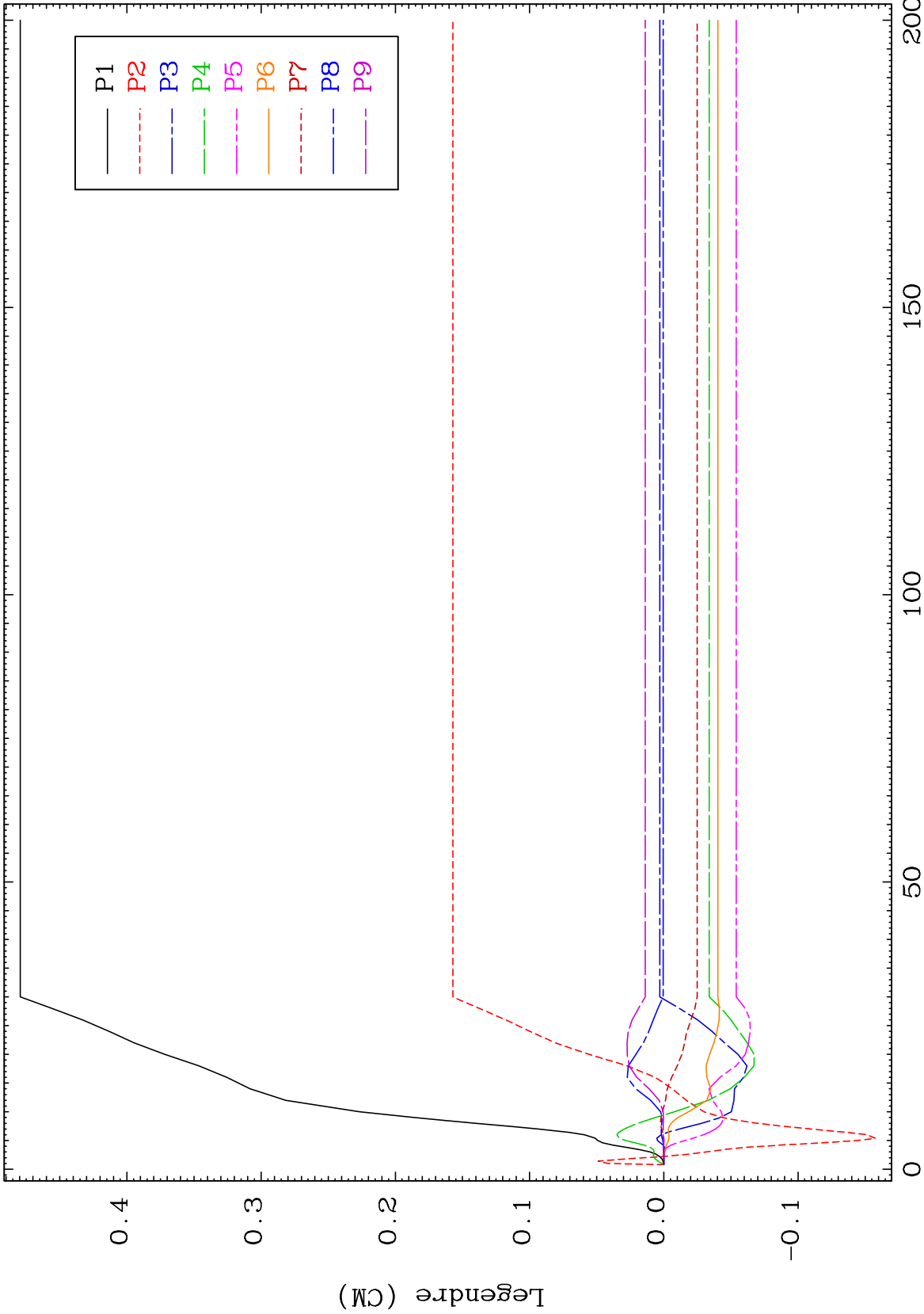
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



117

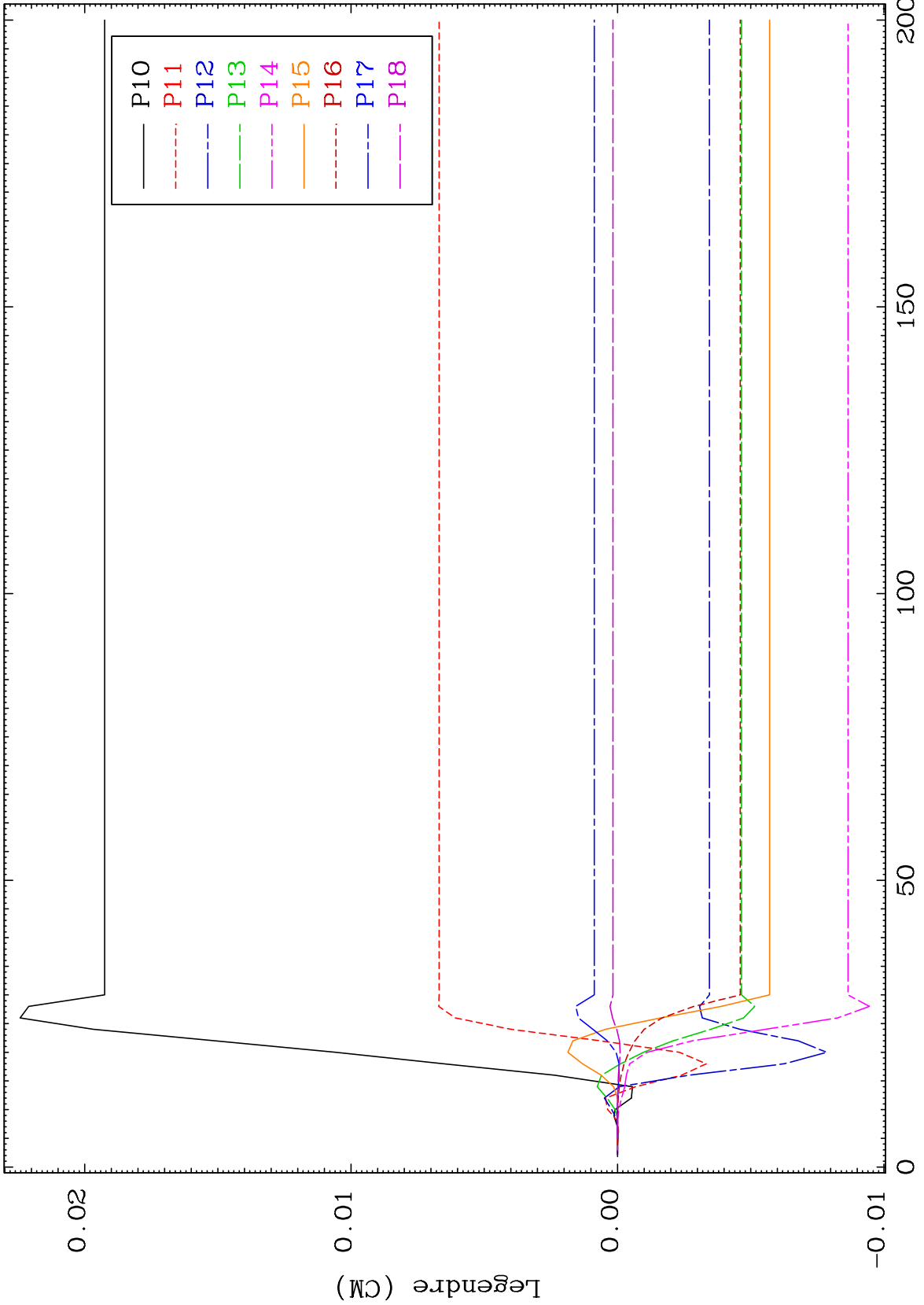
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

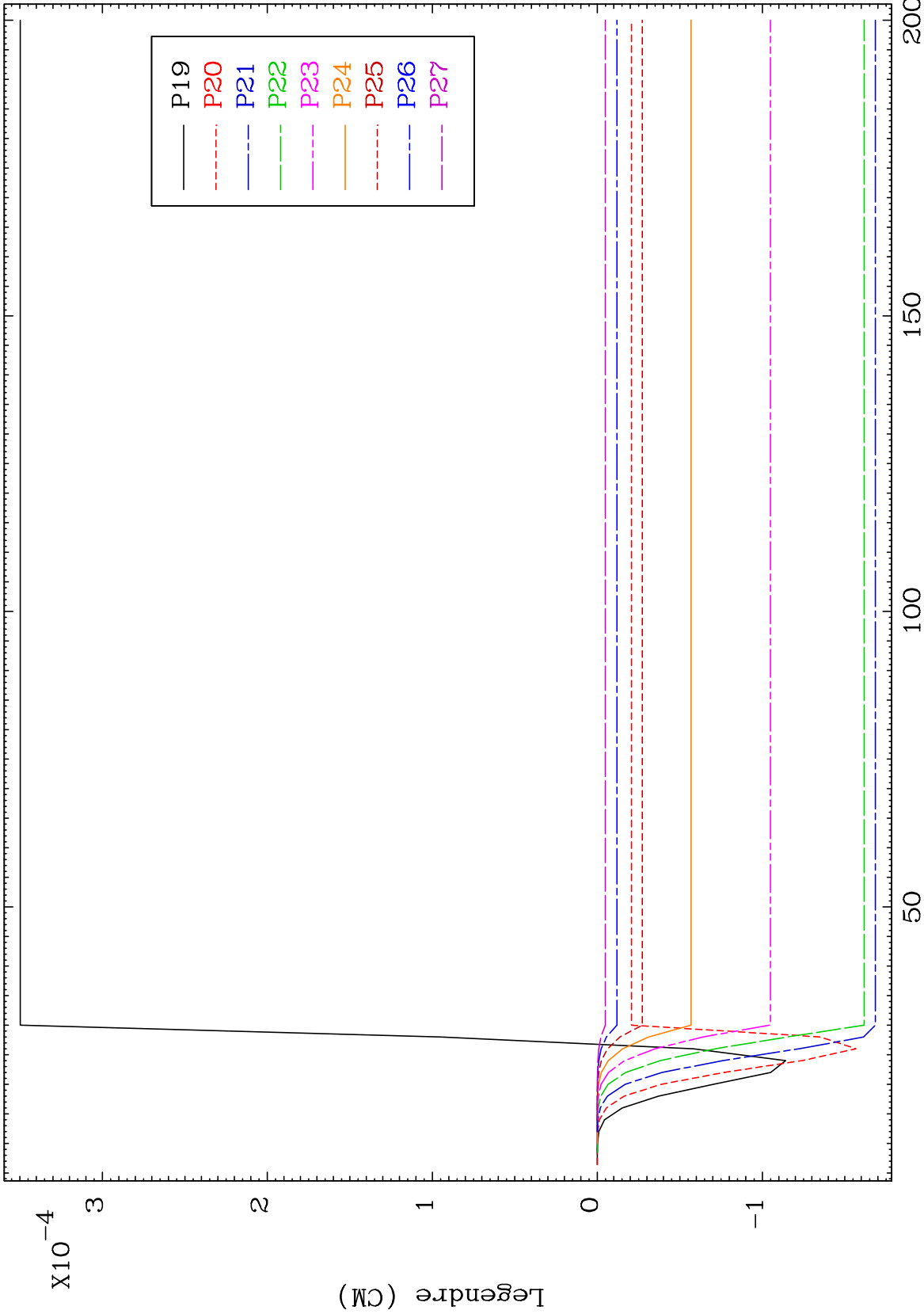
59-Pr-144



118

Incident Energy (MeV)

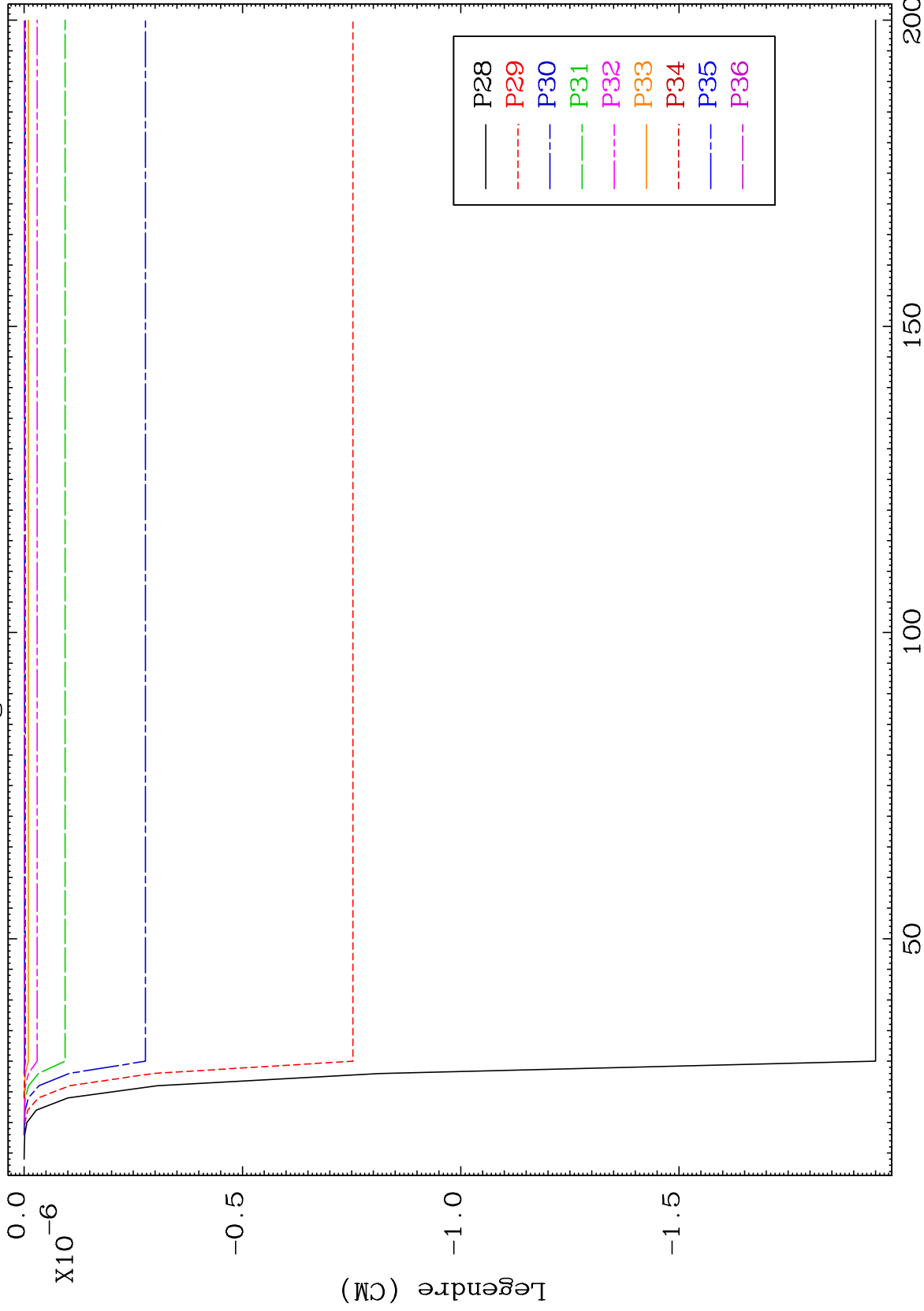
59-Pr-144



MAT 5934

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

59-Pr-144



120

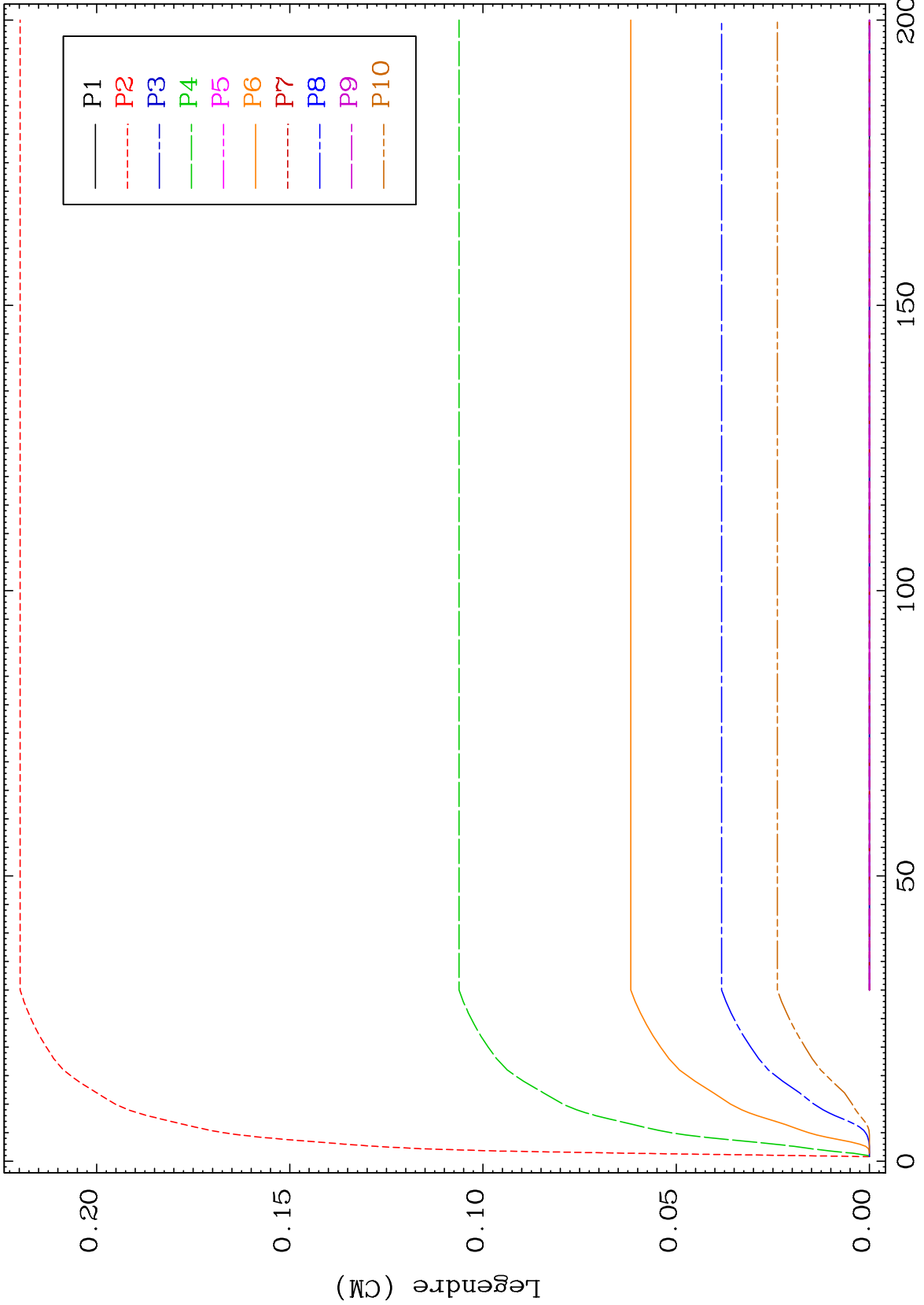
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



121

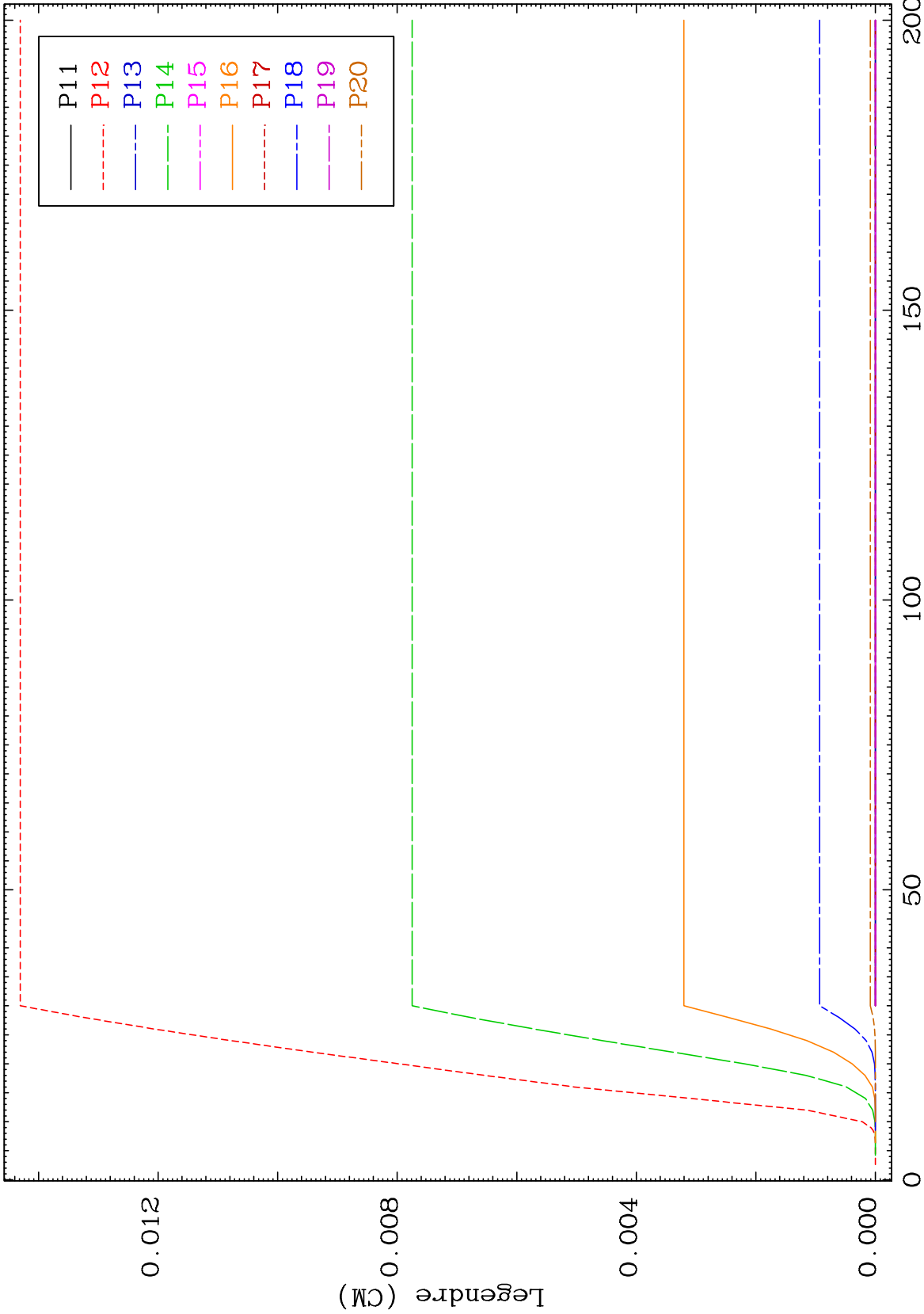
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



122

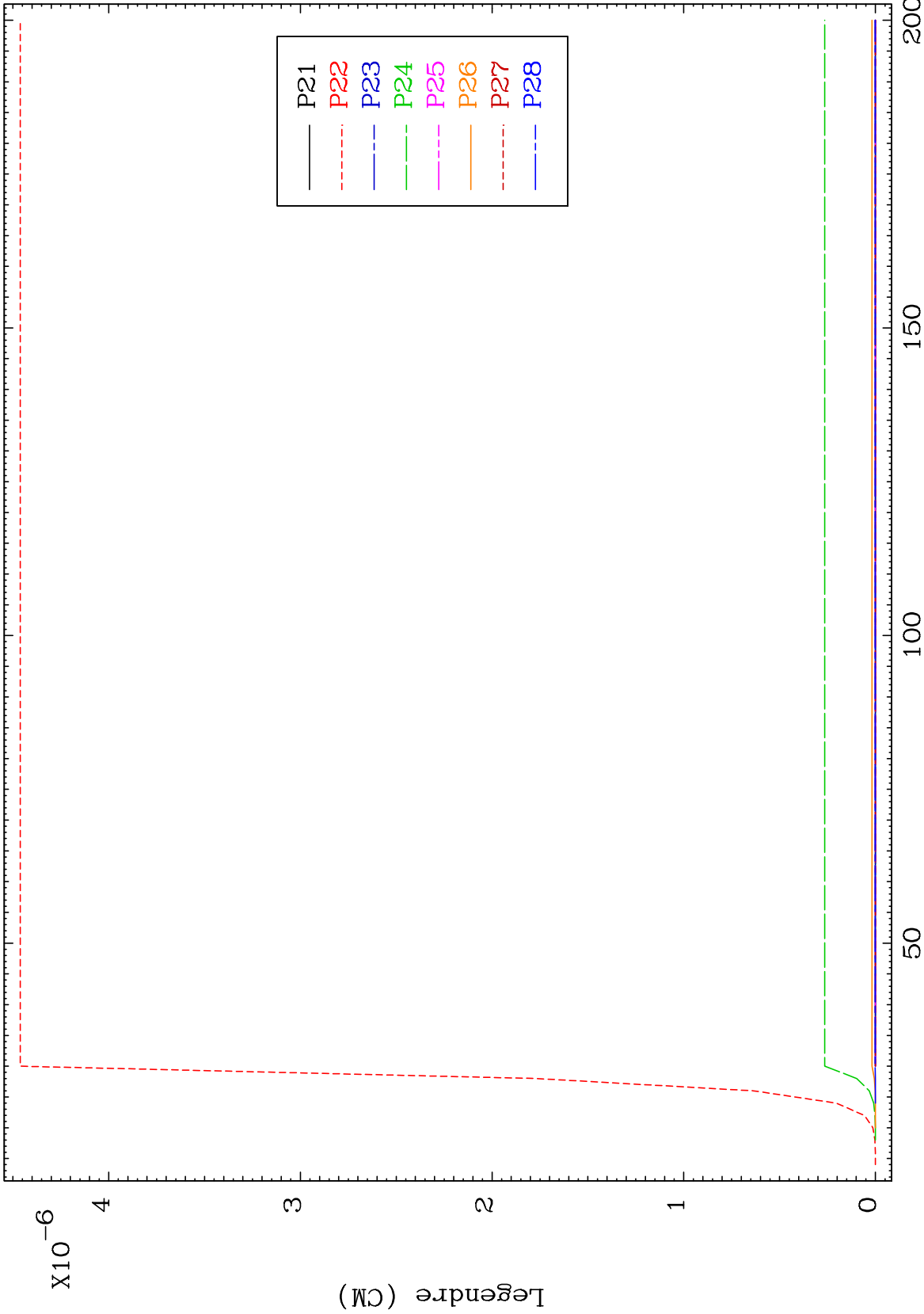
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



123

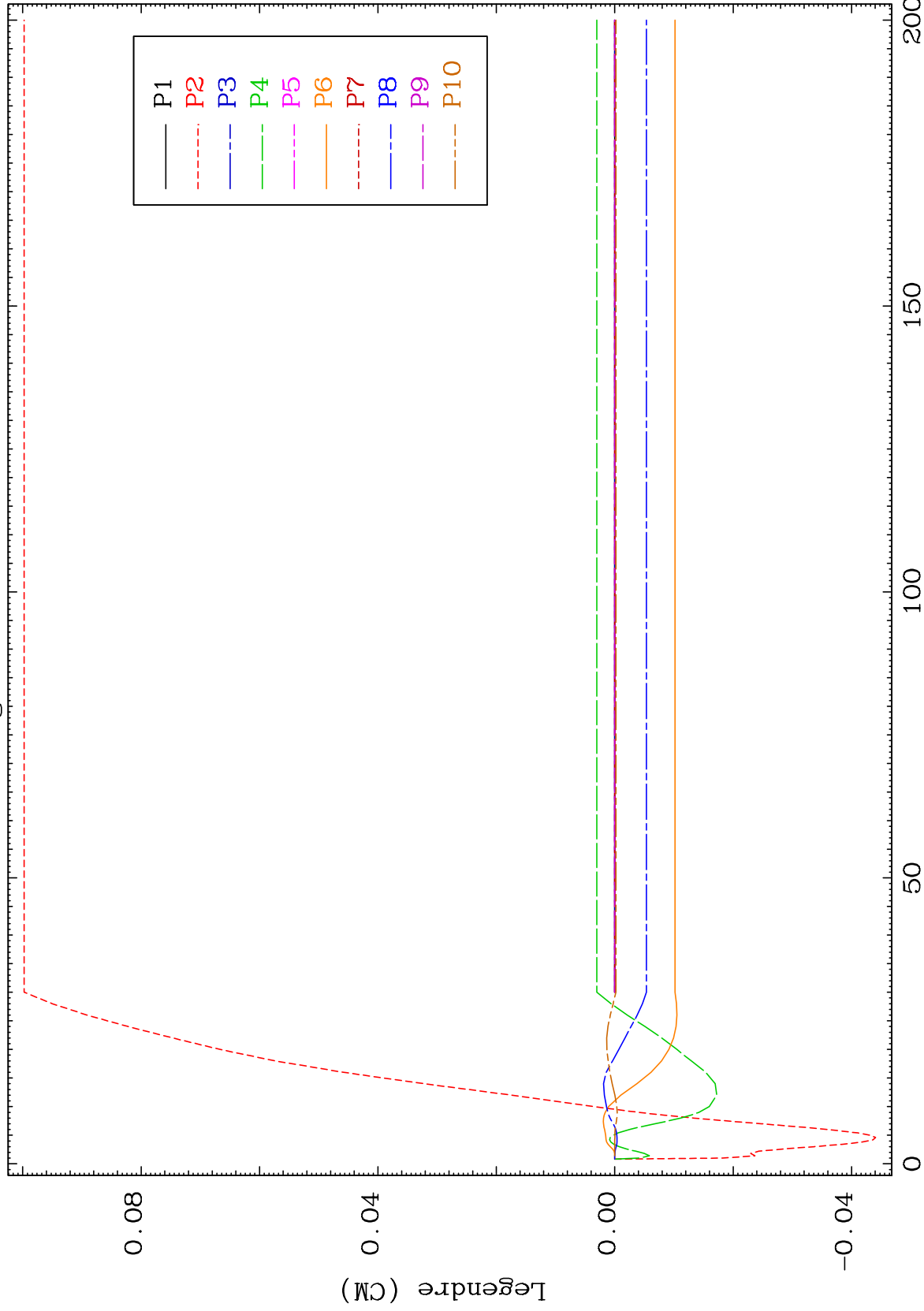
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

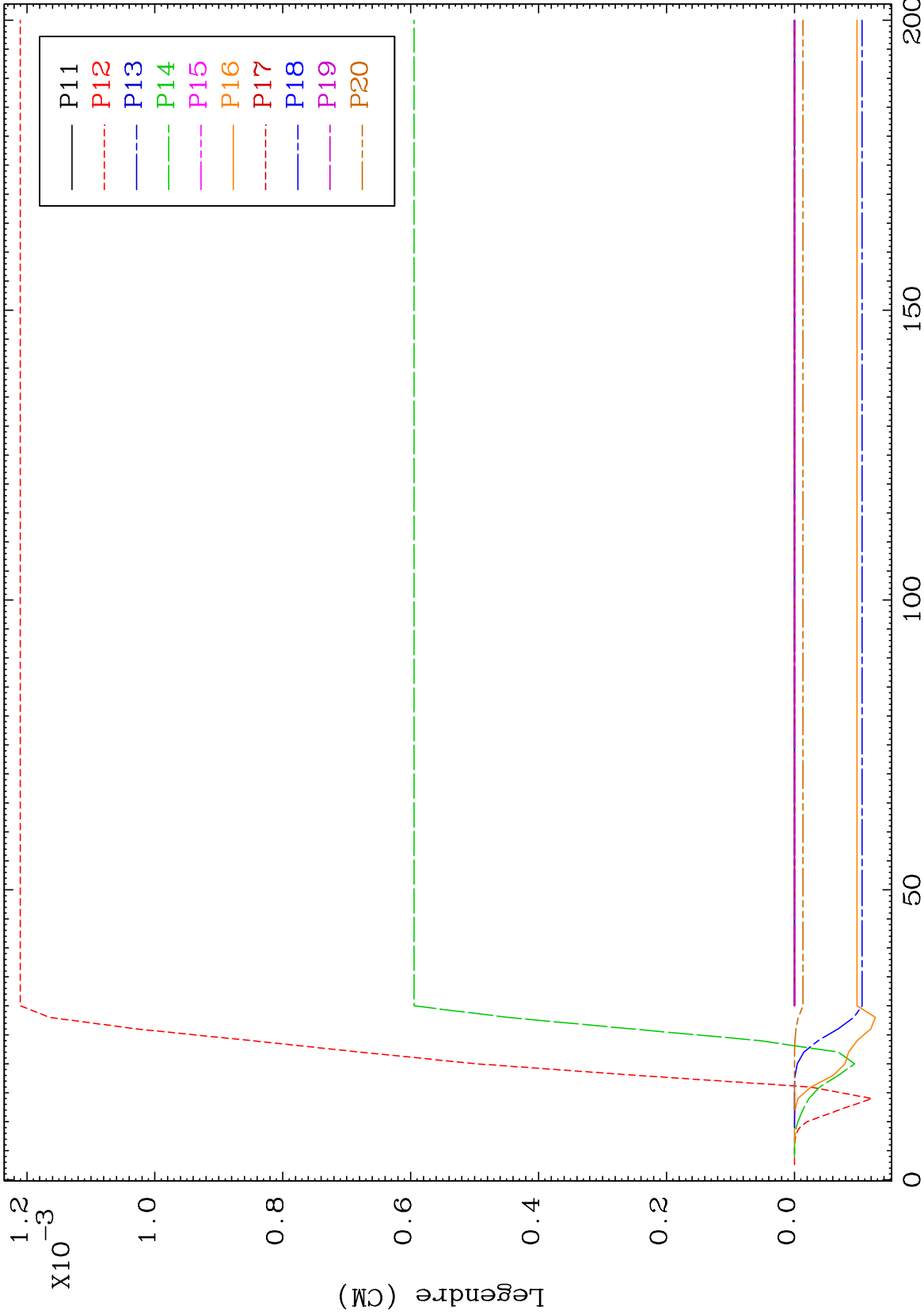
Incident Energy (MeV)

124

MAT 5934

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

59-Pr-144



125

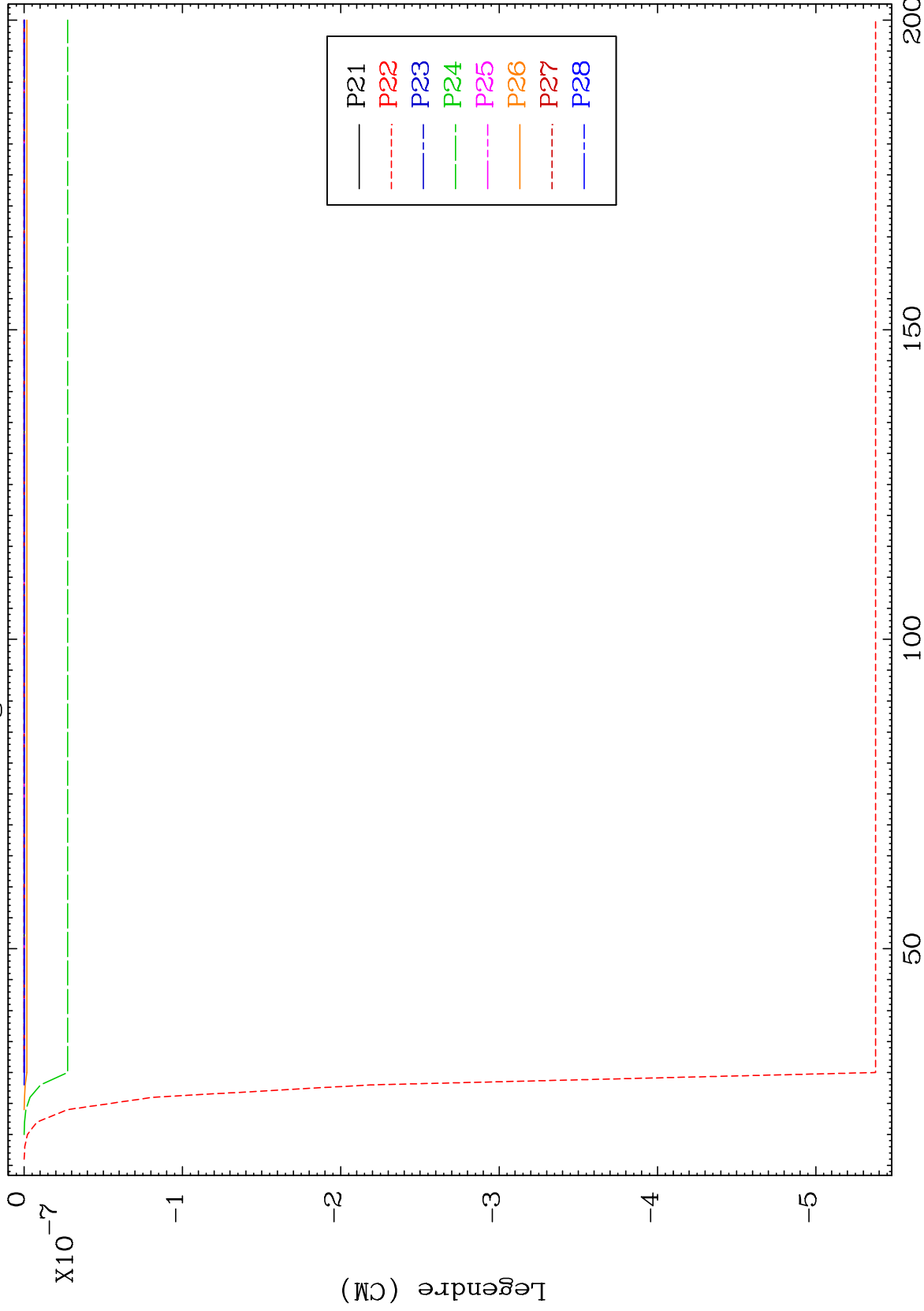
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



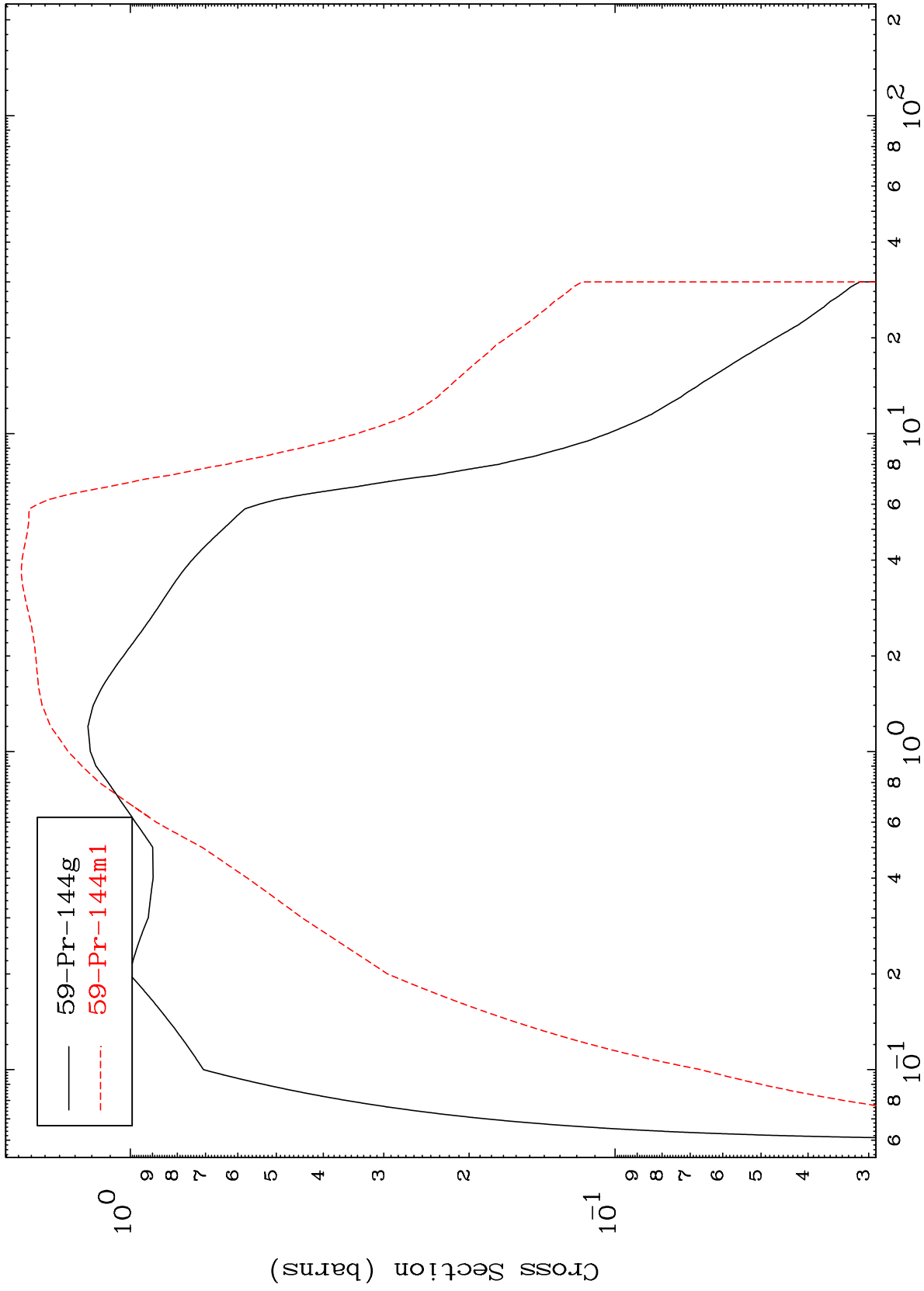
126

59-Pr-144

MAT 5934

59-Pr-144

Radionuclide Production Cross Section



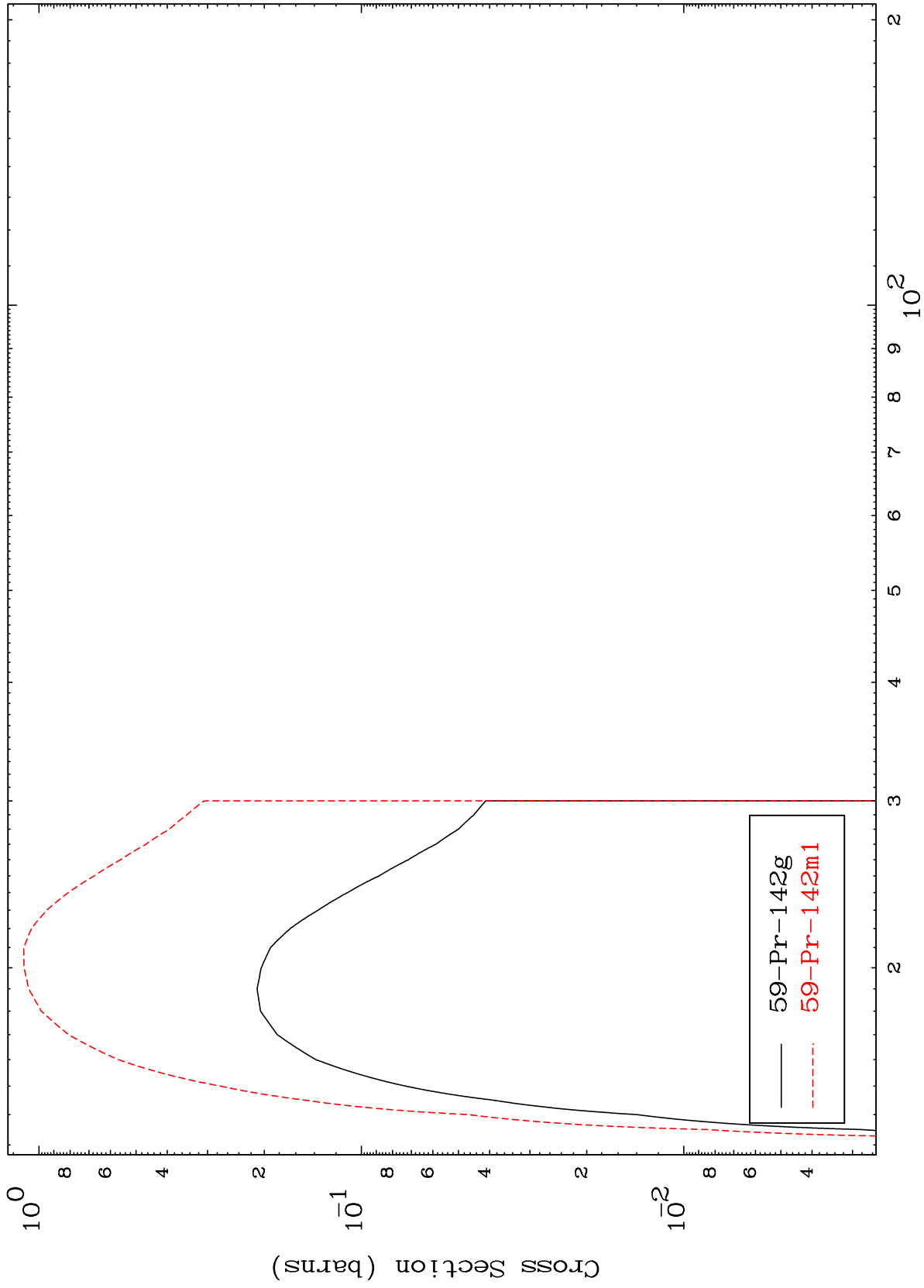
127

59-Pr-144

MAT 5934

59-Pr-144

(n,3n)
Radionuclide Production Cross Section



128

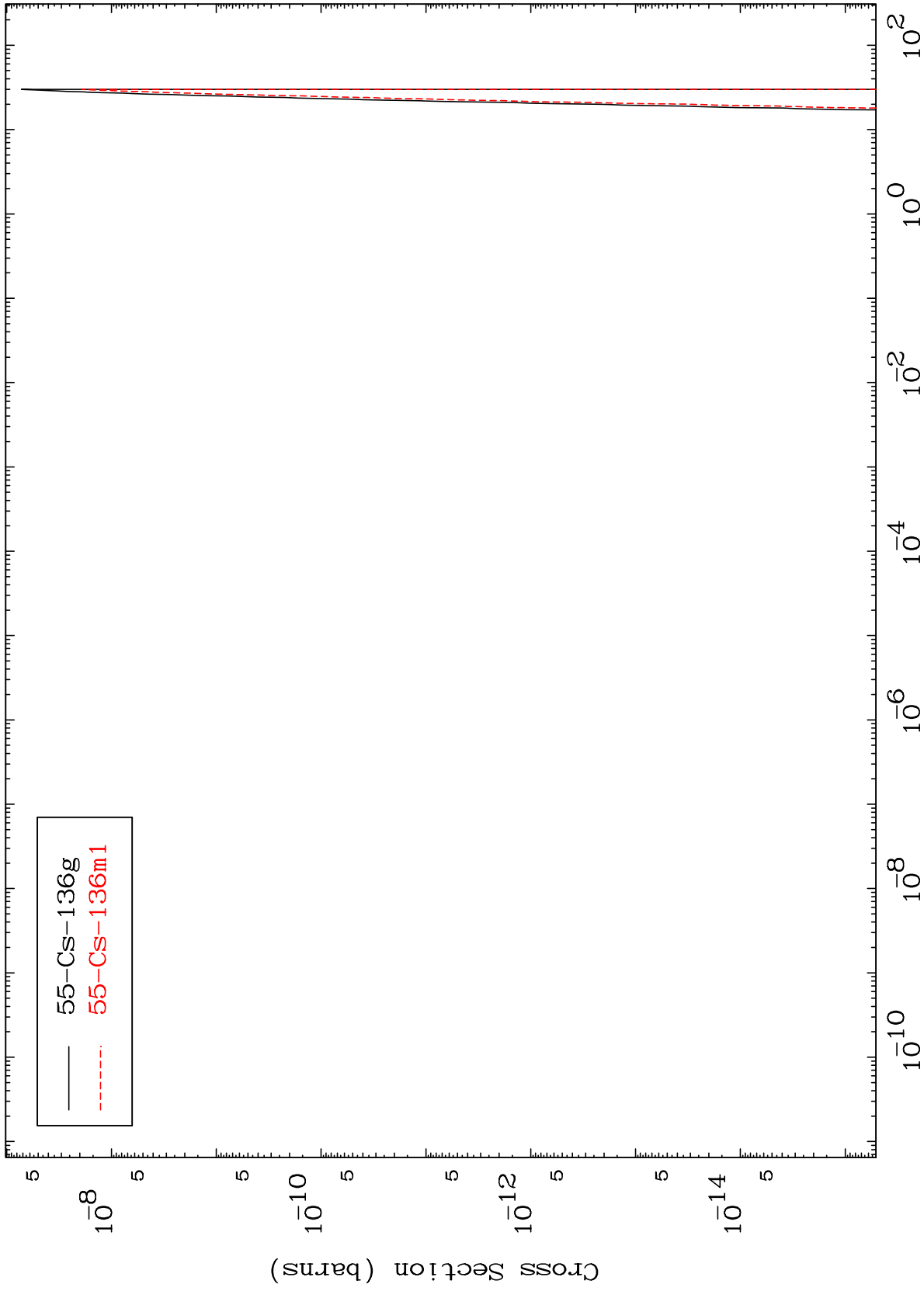
59-Pr-144

MAT 5934

(n,n') 2 α

59-Pr-144

Radionuclide Production Cross Section



129

Incident Energy (MeV)

59-Pr-144