

Program EVALPLOT
(Version 2018-1)

by

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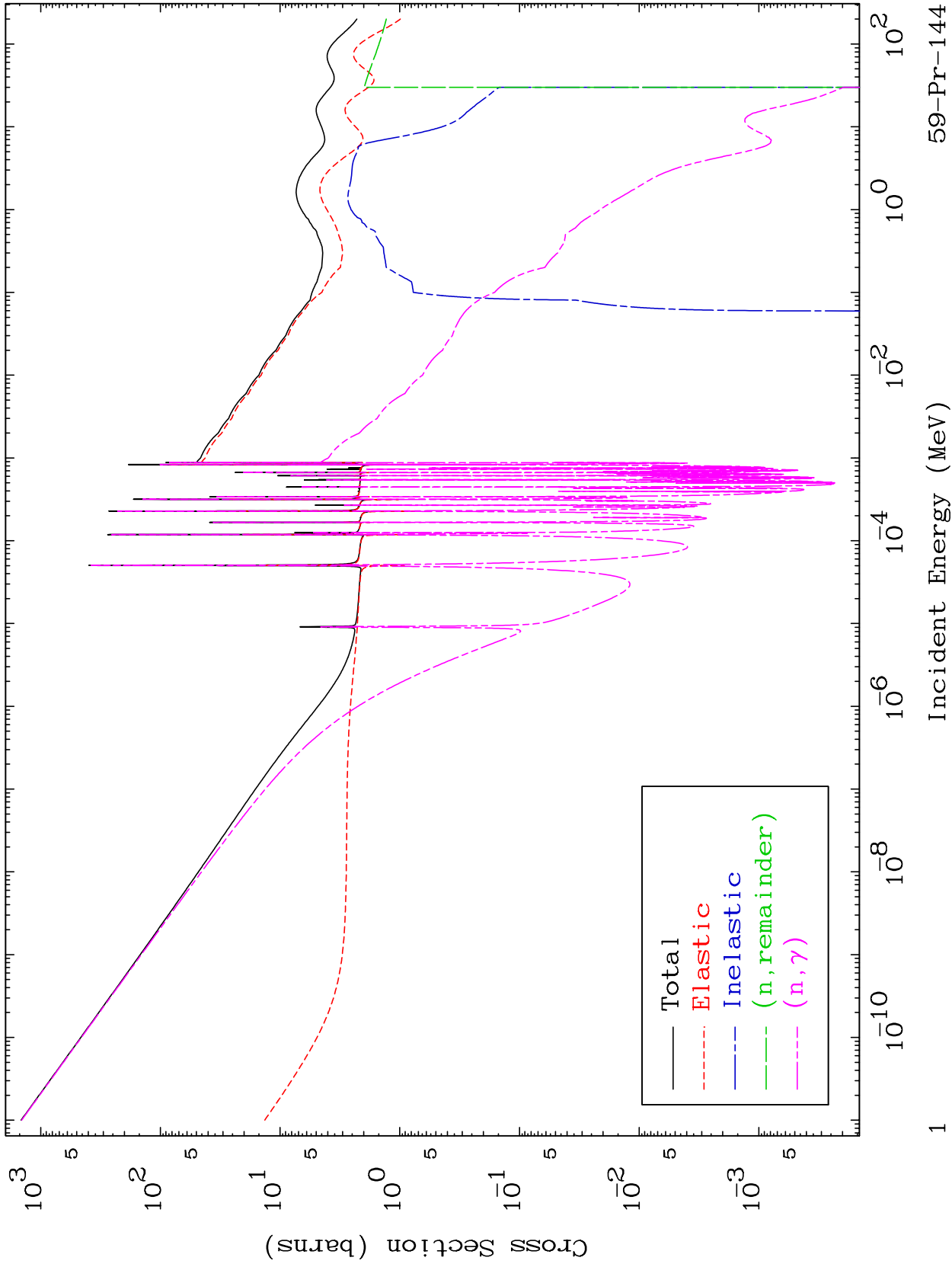
Press Mouse Button to Start

MAT 5934

Major

293 Kelvin Cross Sections

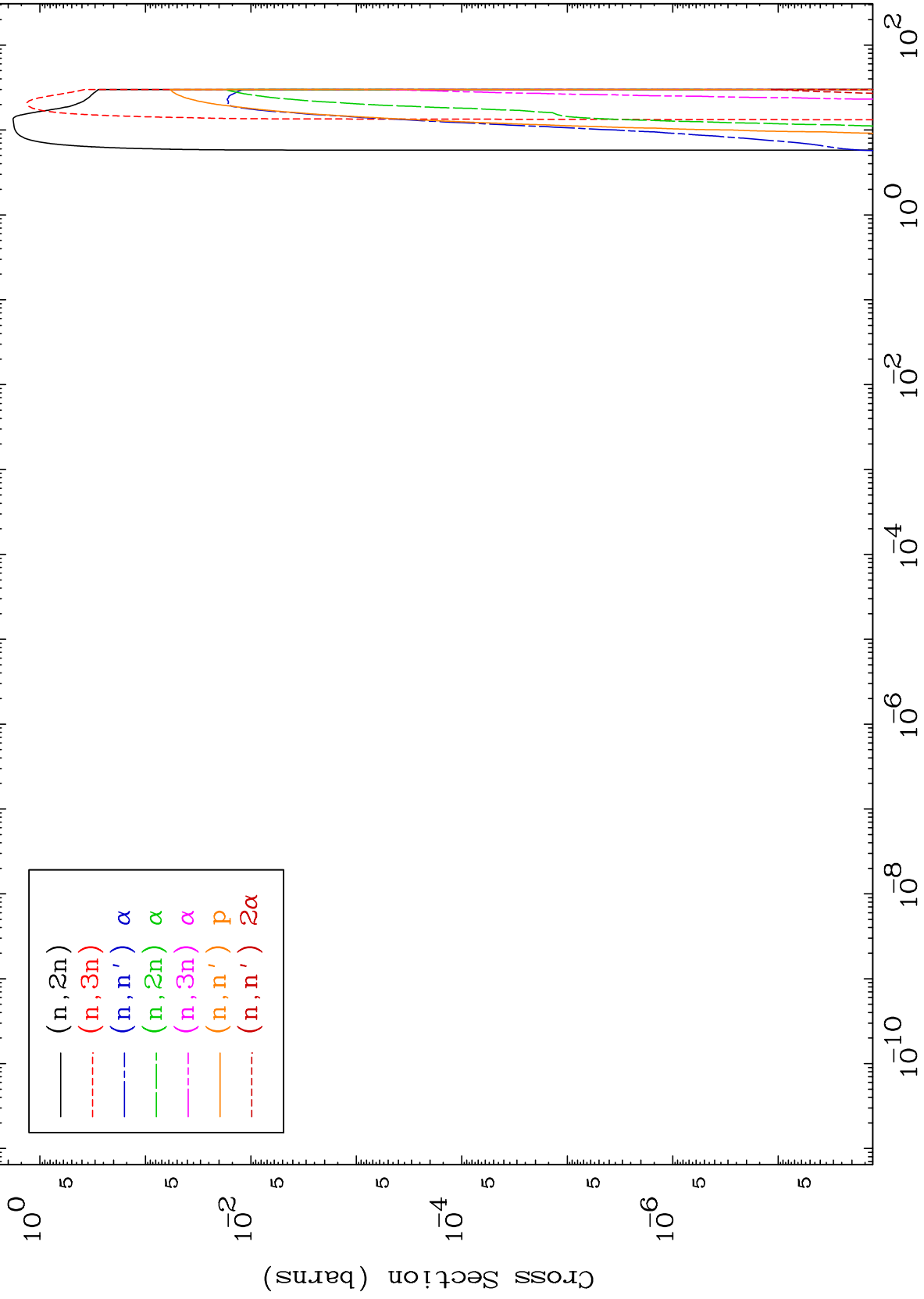
59-Pr-144



MAT 5934

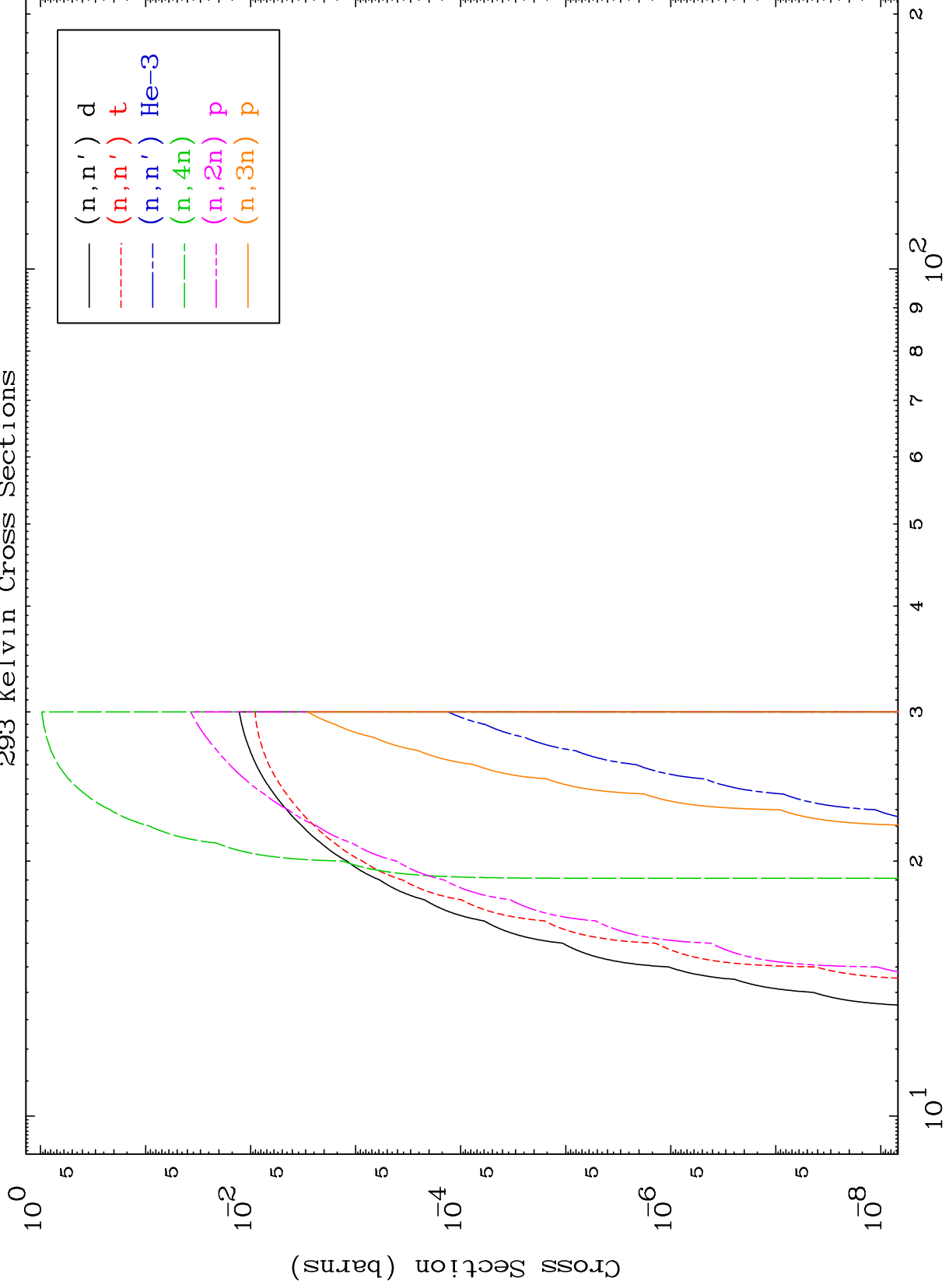
Neutron Production
293 Kelvin Cross Sections

59-Pr-144



59-Pr-144

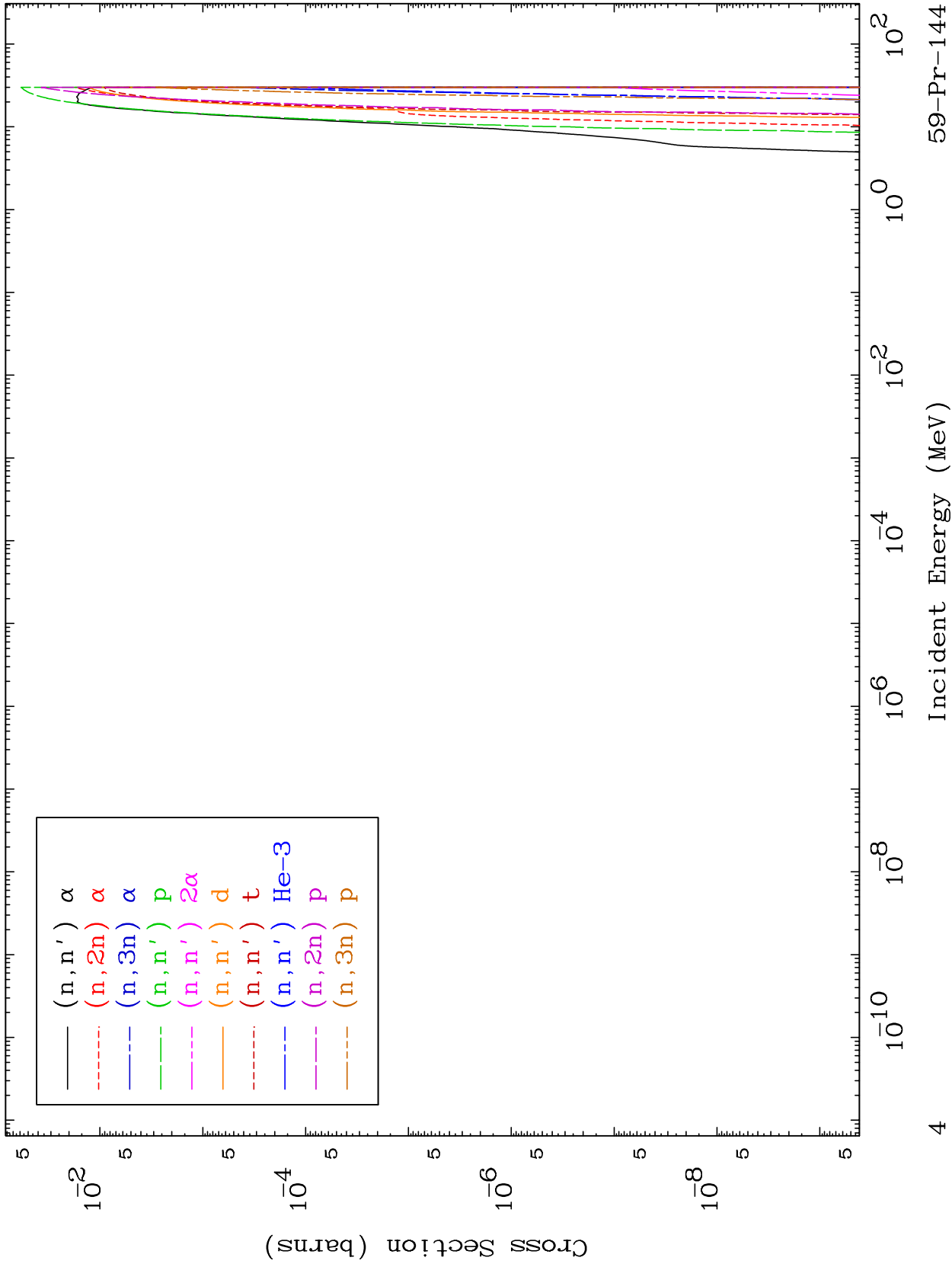
Incident Energy (MeV)



MAT 5934

Charged Particle
293 Kelvin Cross Sections

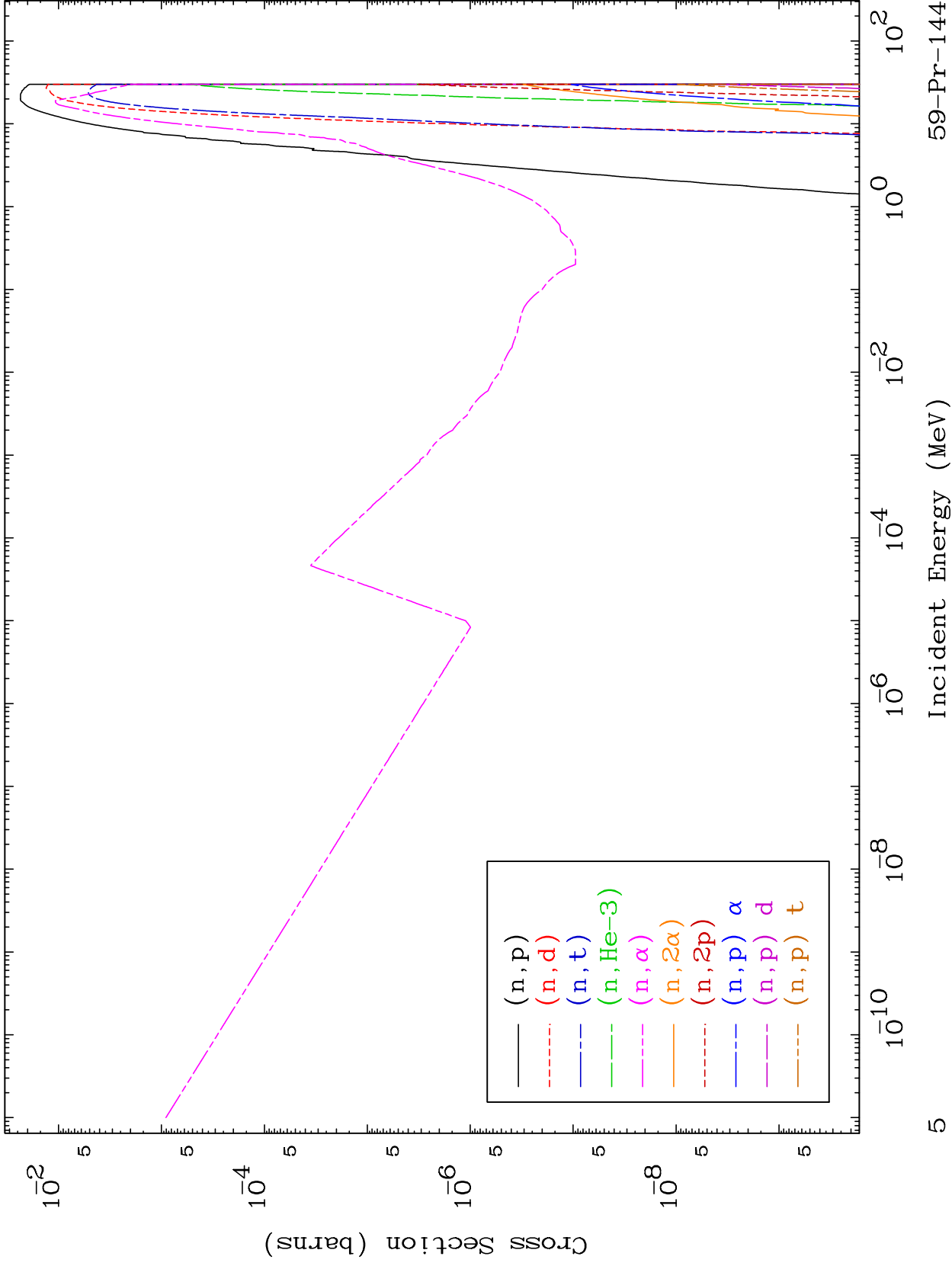
59-Pr-144



MAT 5934

Charged Particle
293 Kelvin Cross Sections

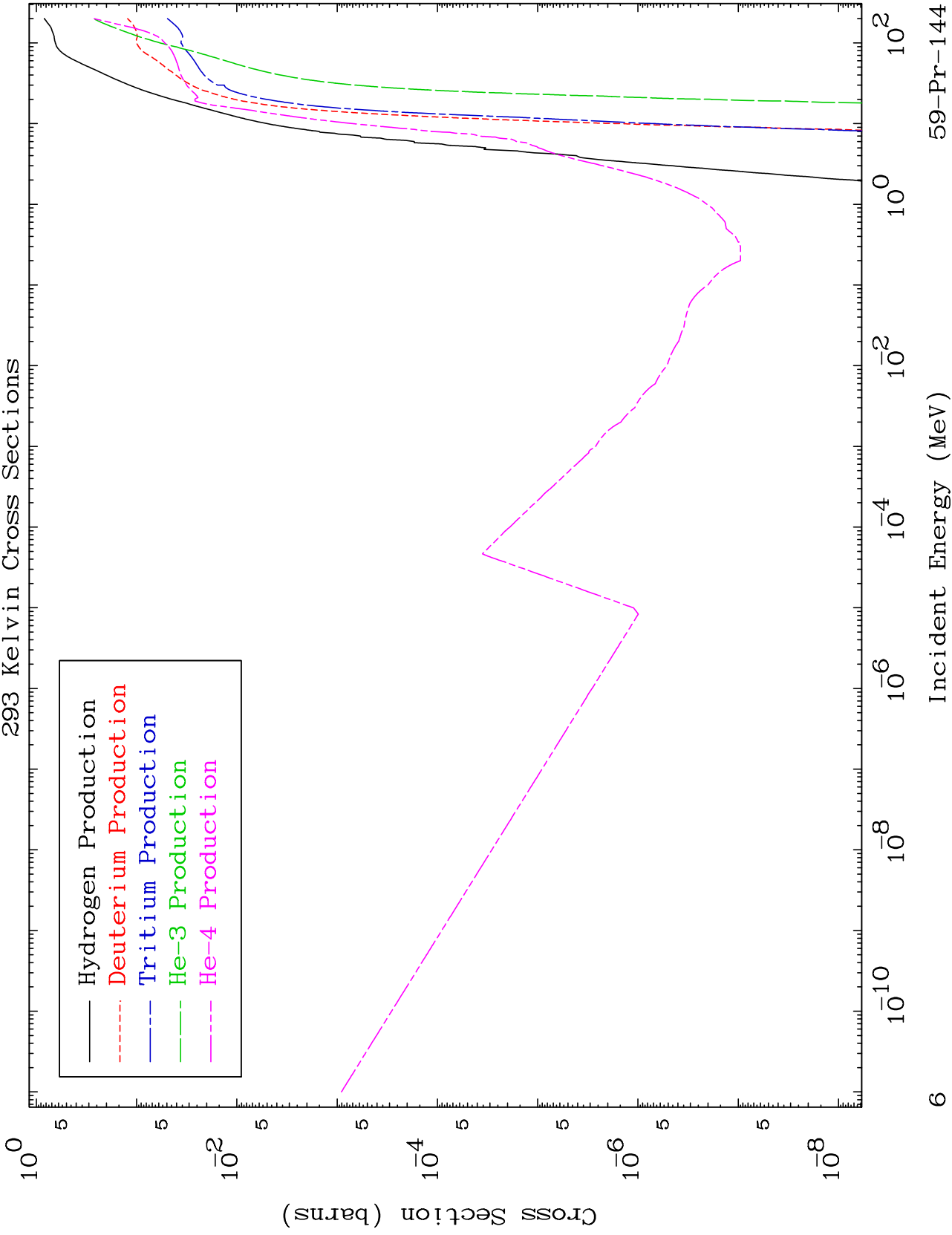
59-Pr-144



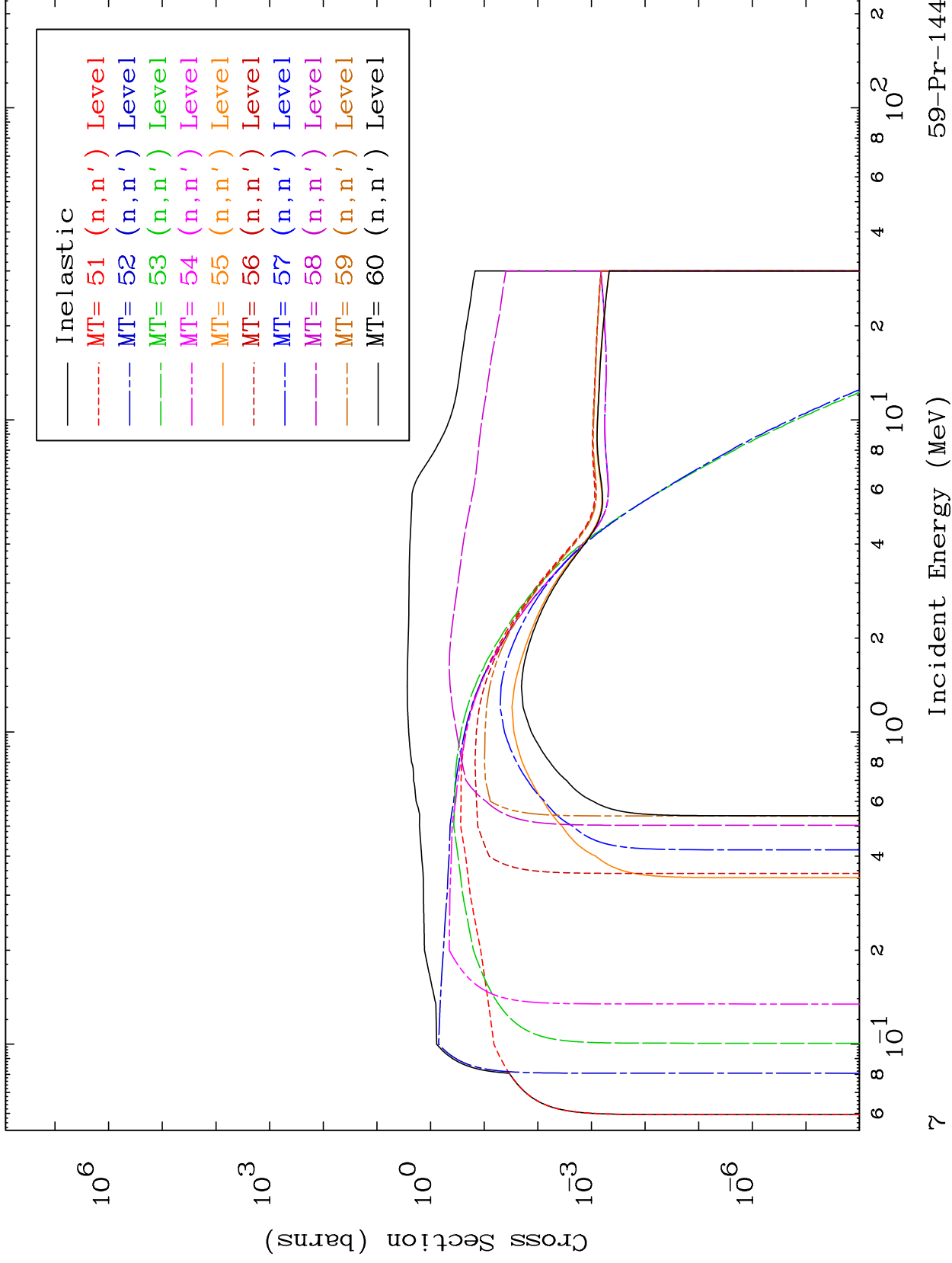
MAT 5934

Particle Production
293 Kelvin Cross Sections

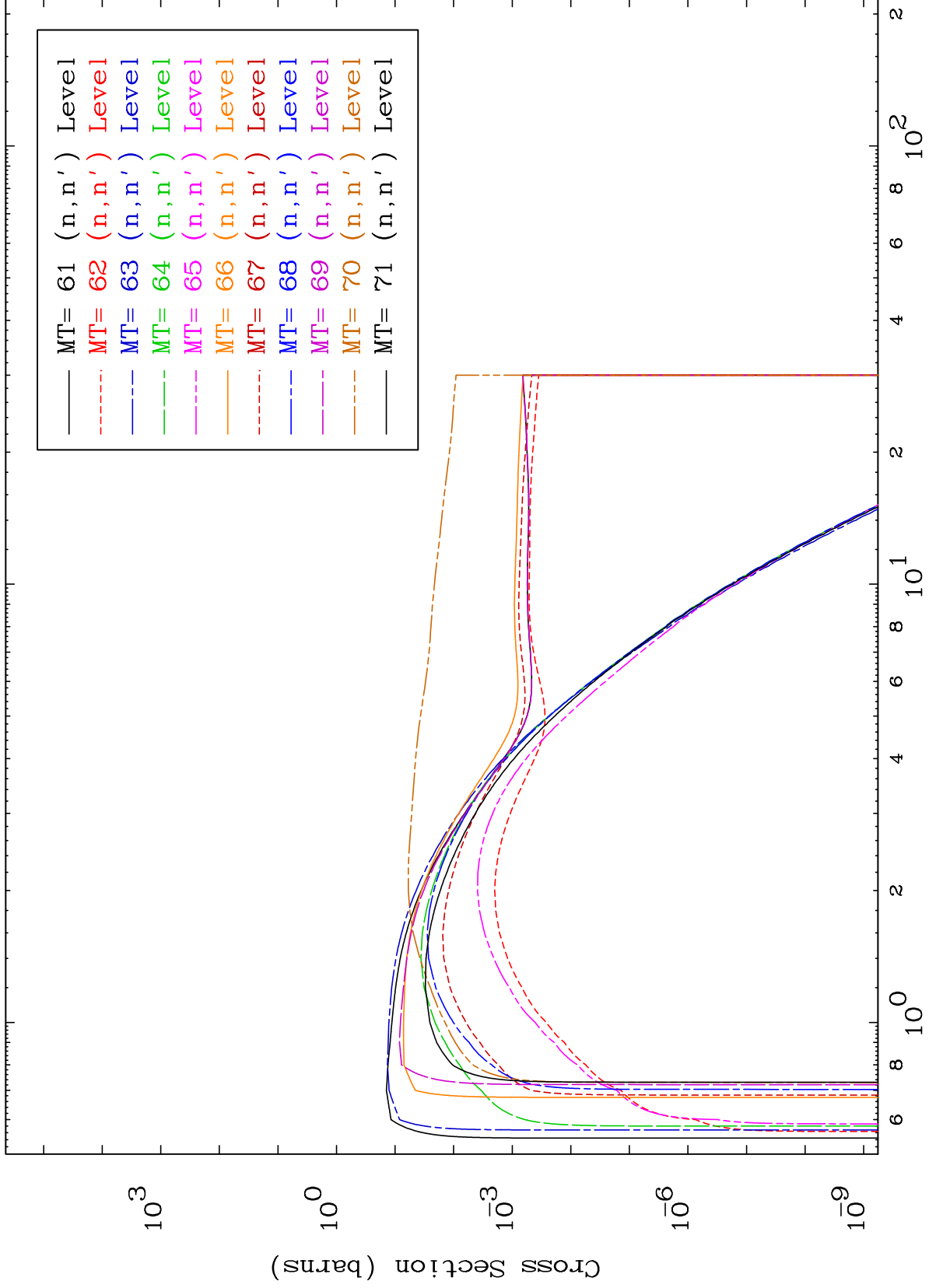
59-Pr-144



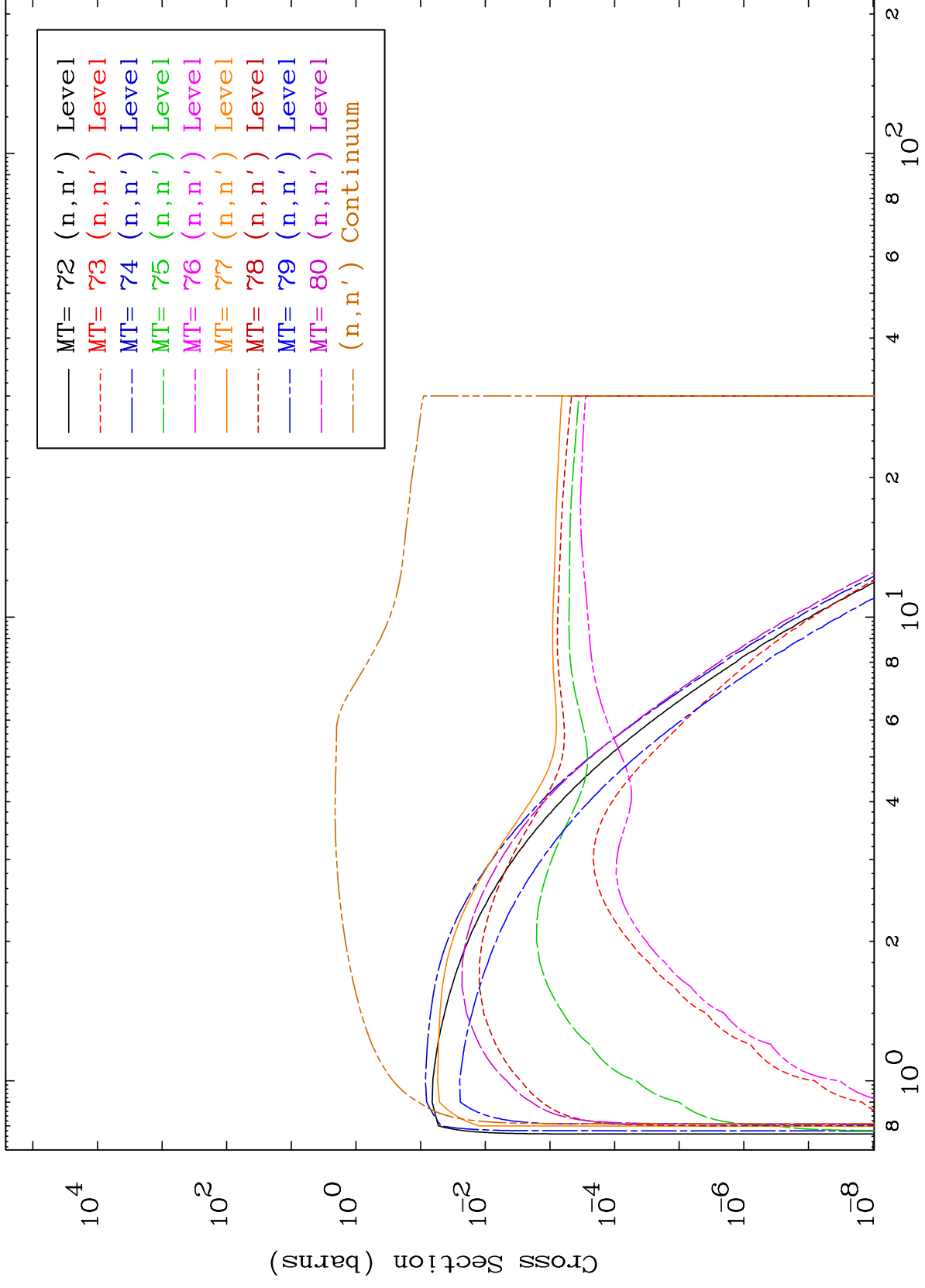
293 Kelvin Cross Sections



293 Kelvin Cross Sections



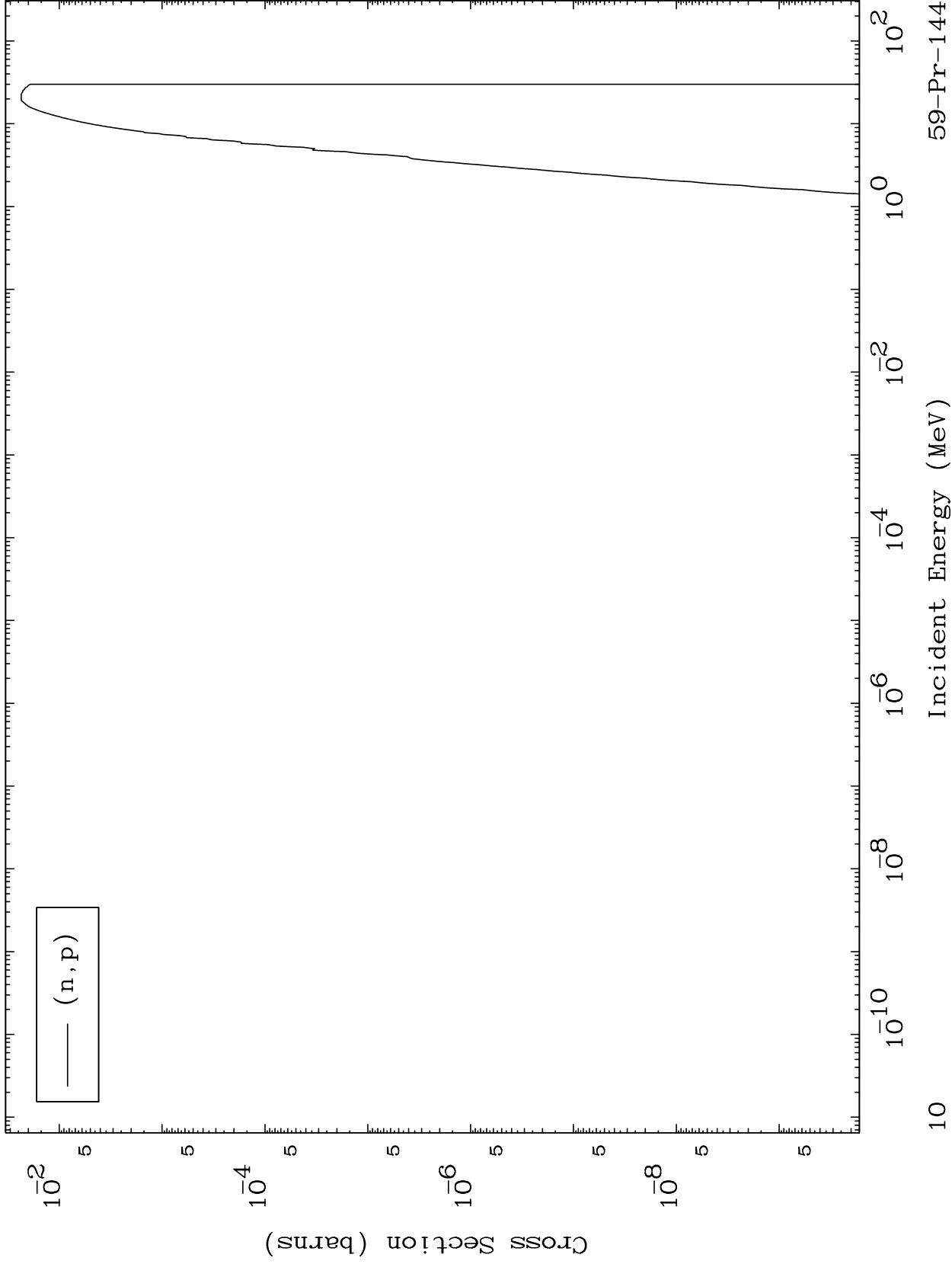
293 Kelvin Cross Sections



MAT 5934

(n,p) Levels
293 Kelvin Cross Sections

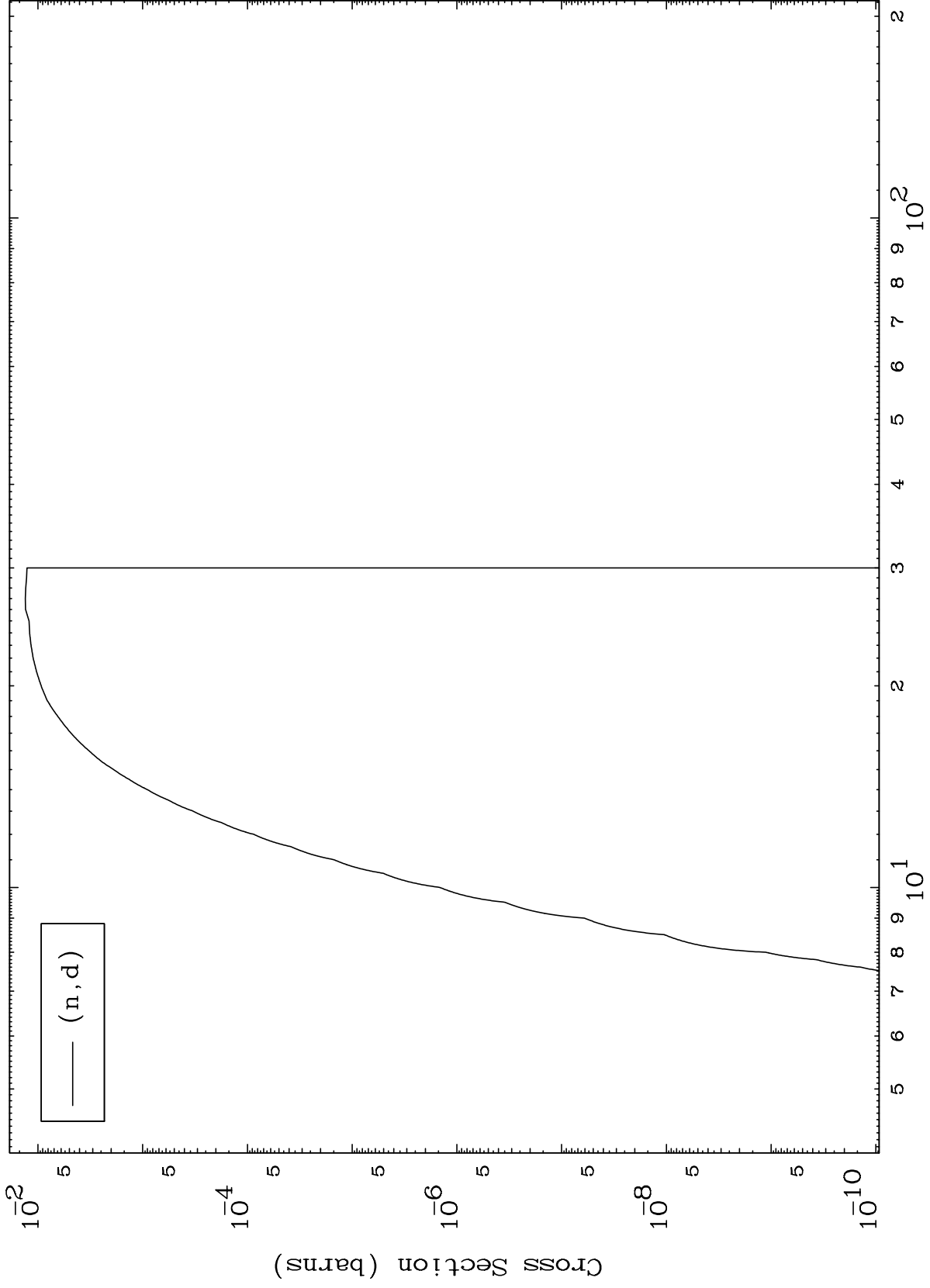
59-Pr-144

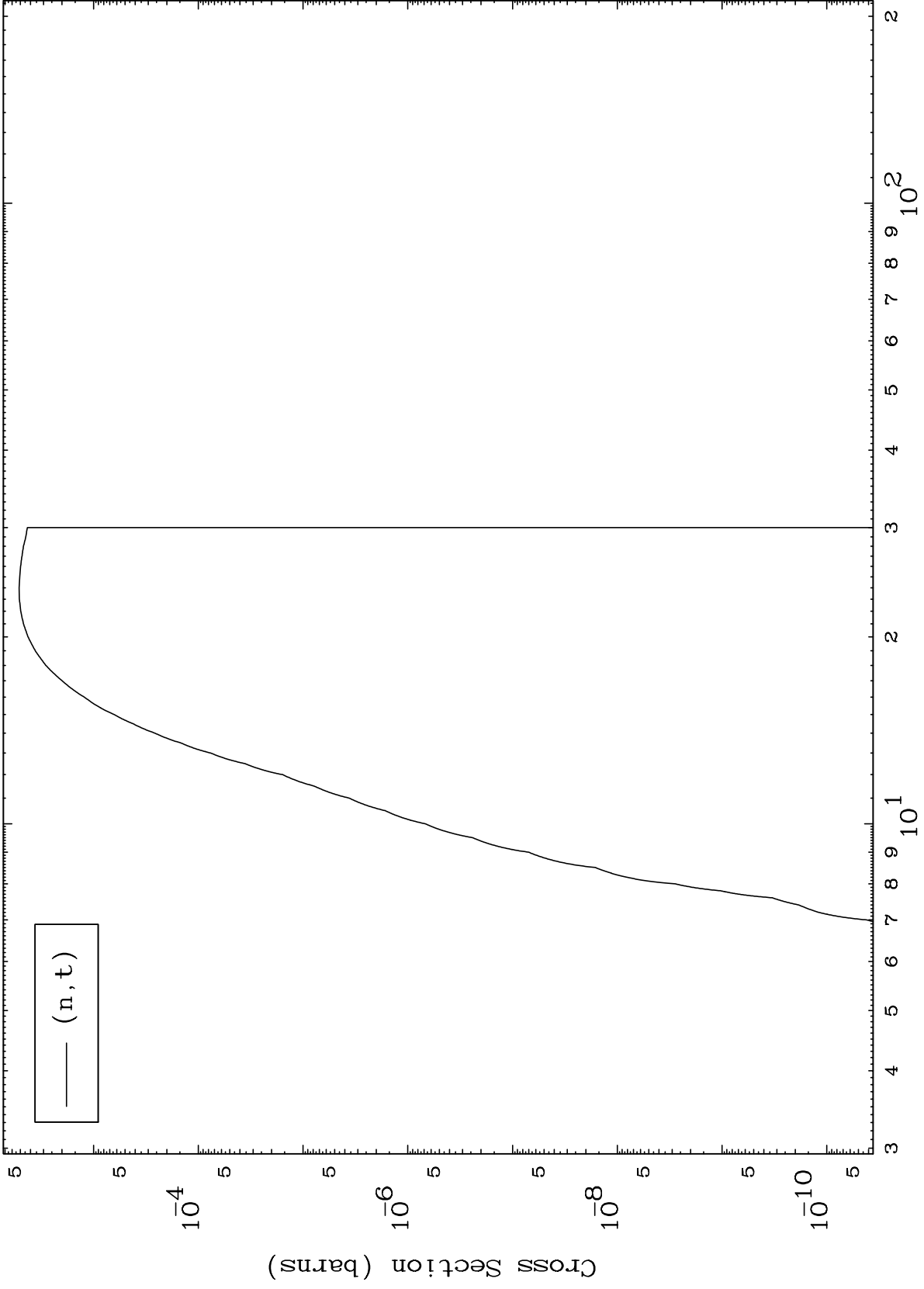


10

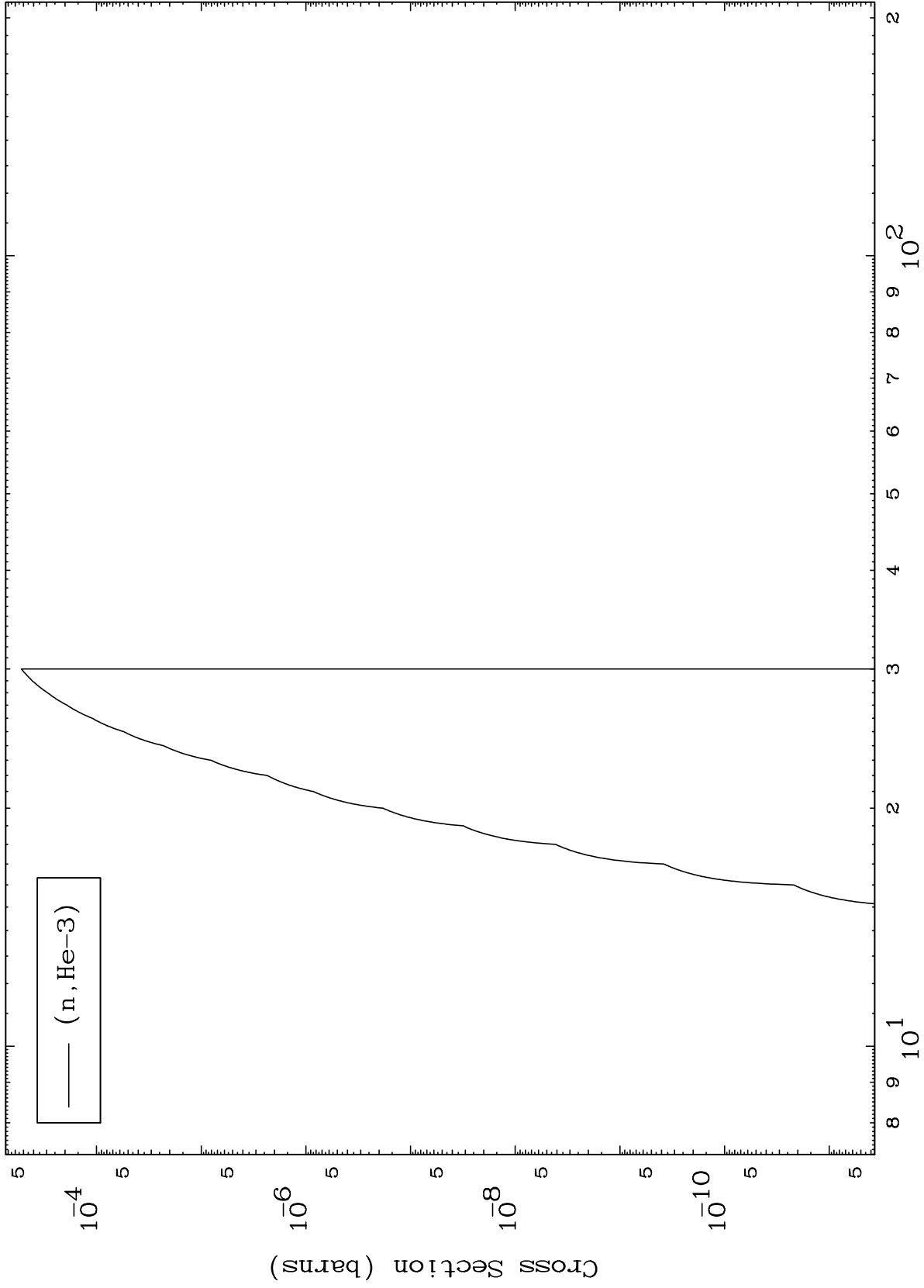
Incident Energy (MeV)

59-Pr-144





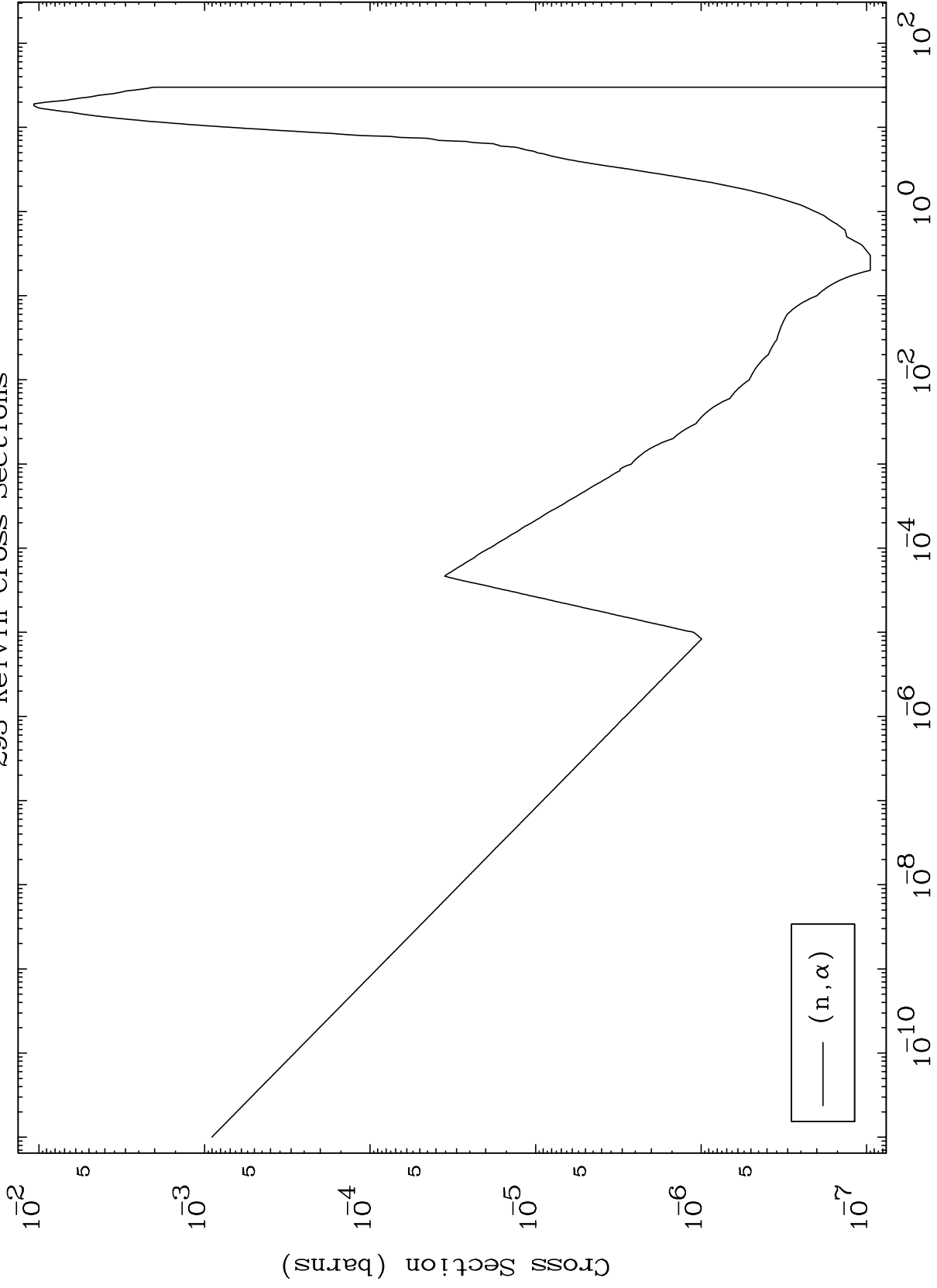
(n,He3) Levels
293 Kelvin Cross Sections



MAT 5934

(n, α) Levels
293 Kelvin Cross Sections

59-Pr-144

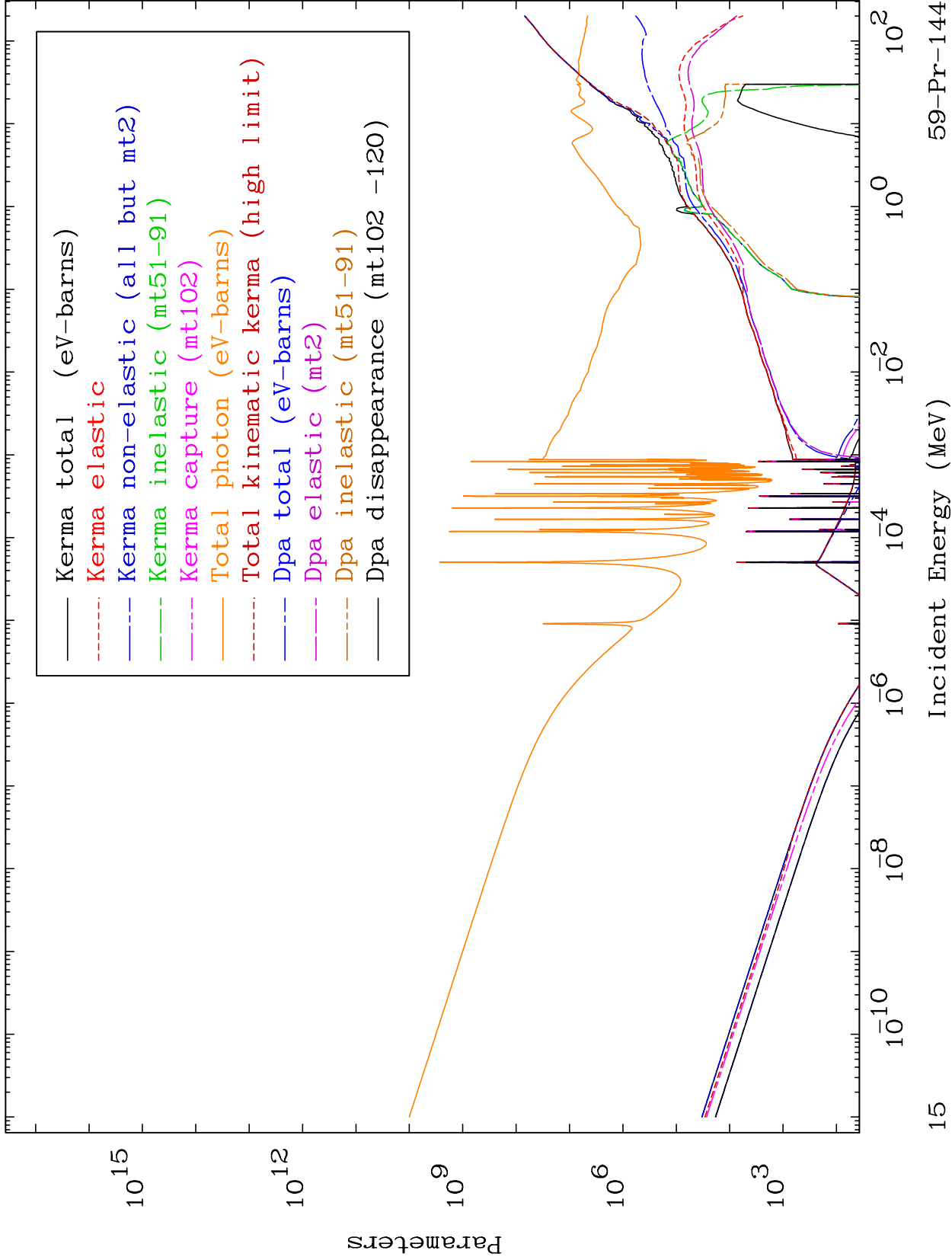


(n, α)

59-Pr-144

Incident Energy (MeV)

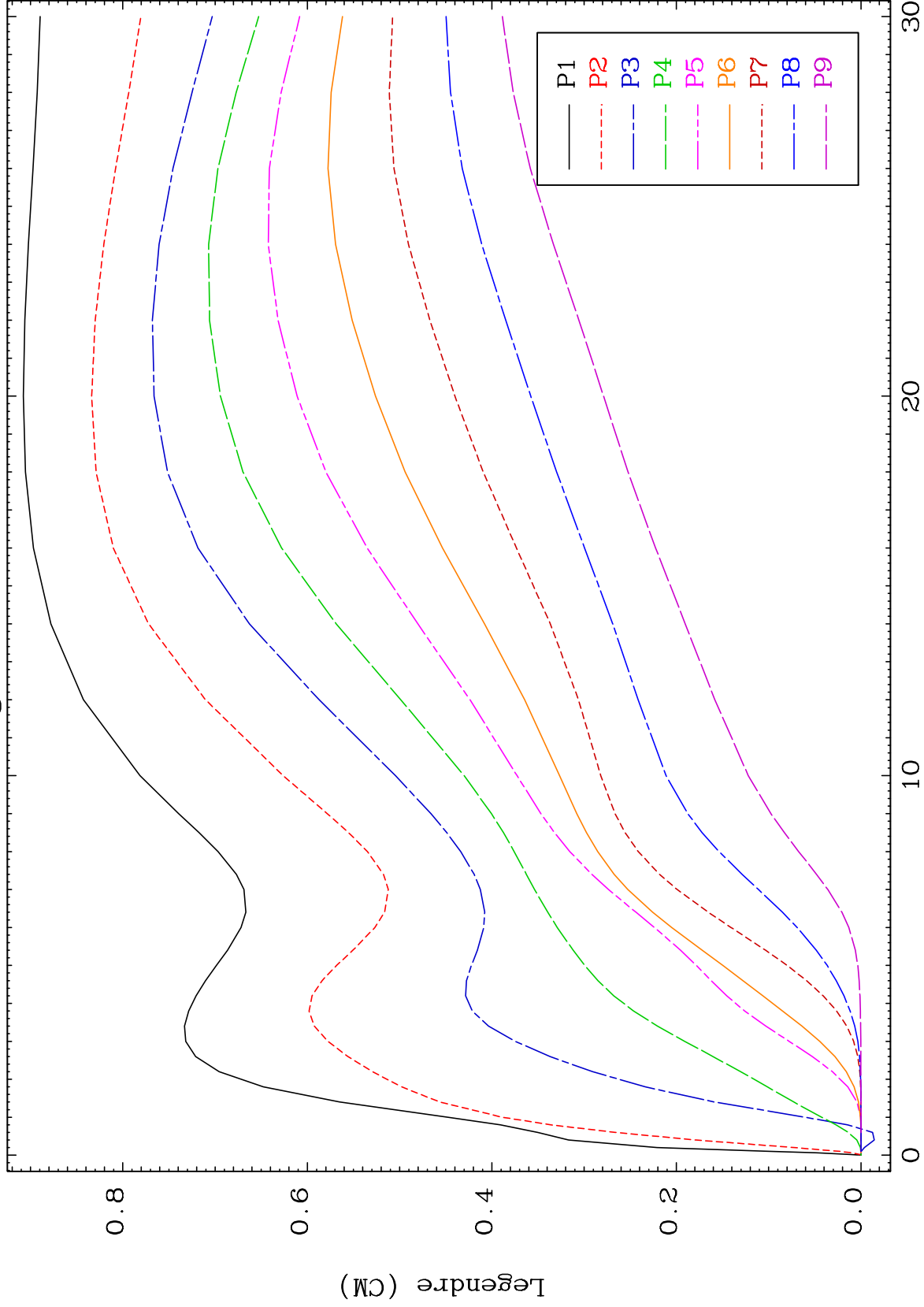
14



MAT 5934

Elastic Legendre Coefficients

59-Pr-144



16

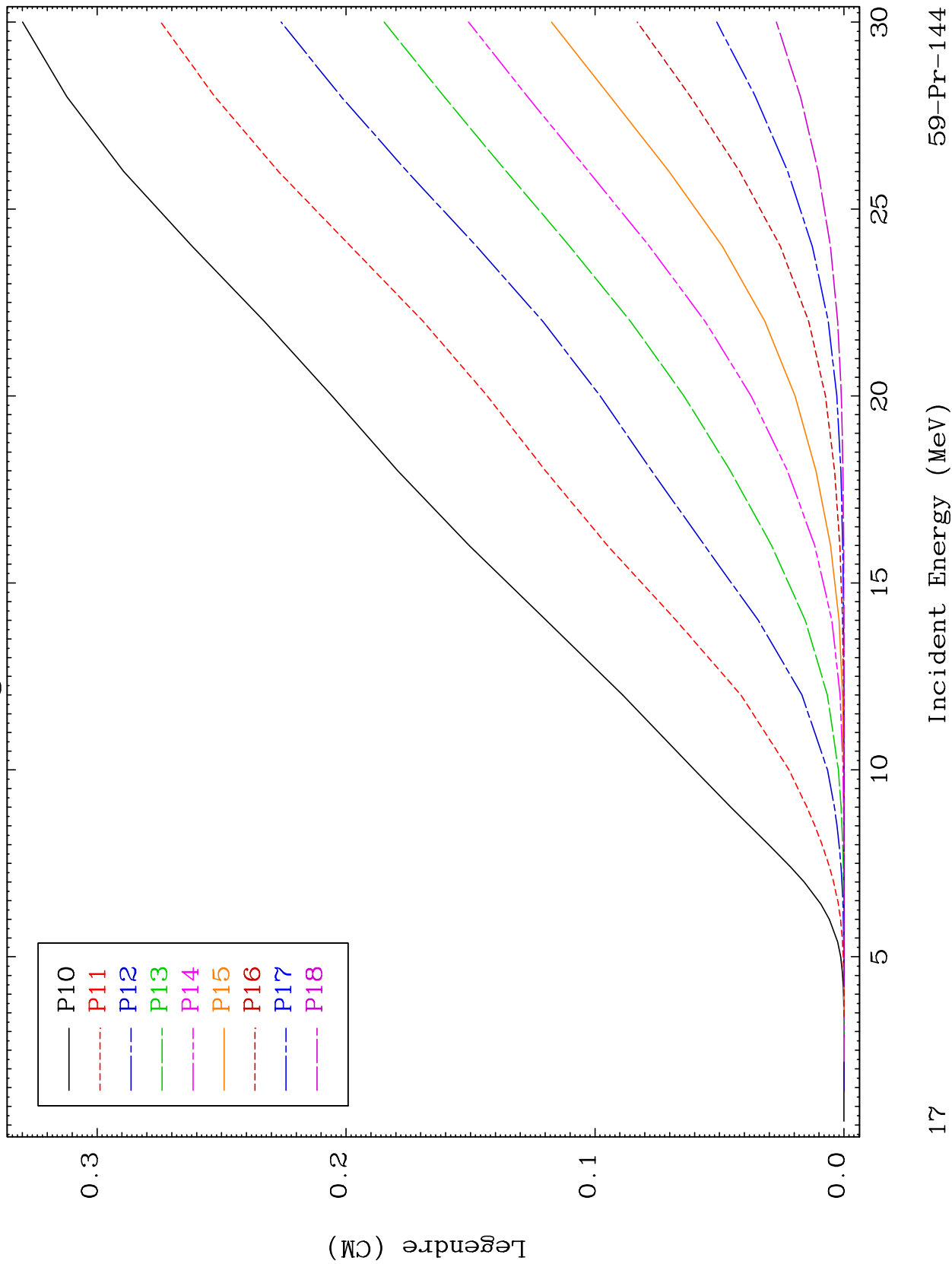
Incident Energy (MeV)

59-Pr-144

MAT 5934

Elastic Legendre Coefficients

59-Pr-144



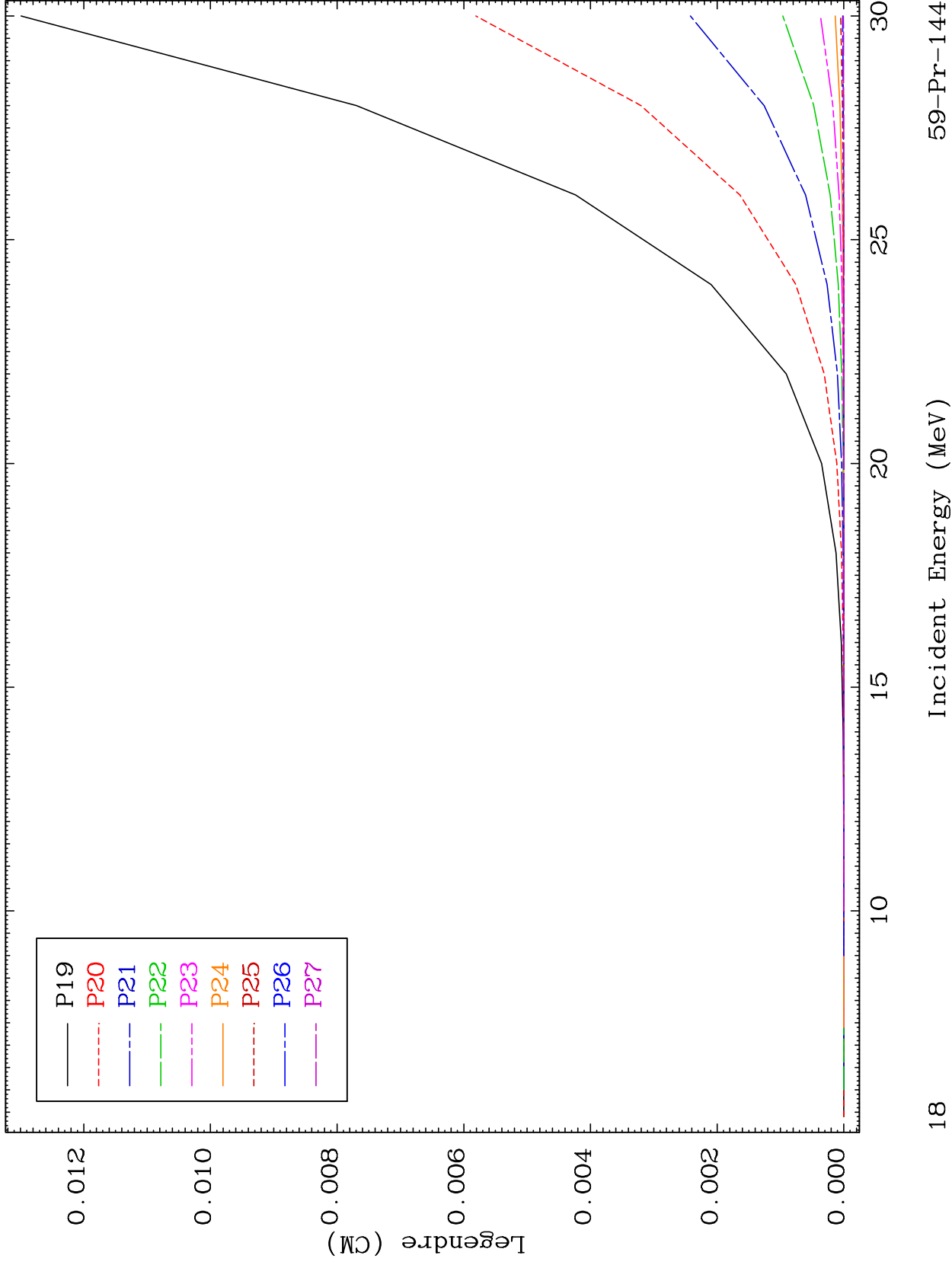
17

59-Pr-144

MAT 5934

Elastic Legendre Coefficients

59-Pr-144



18

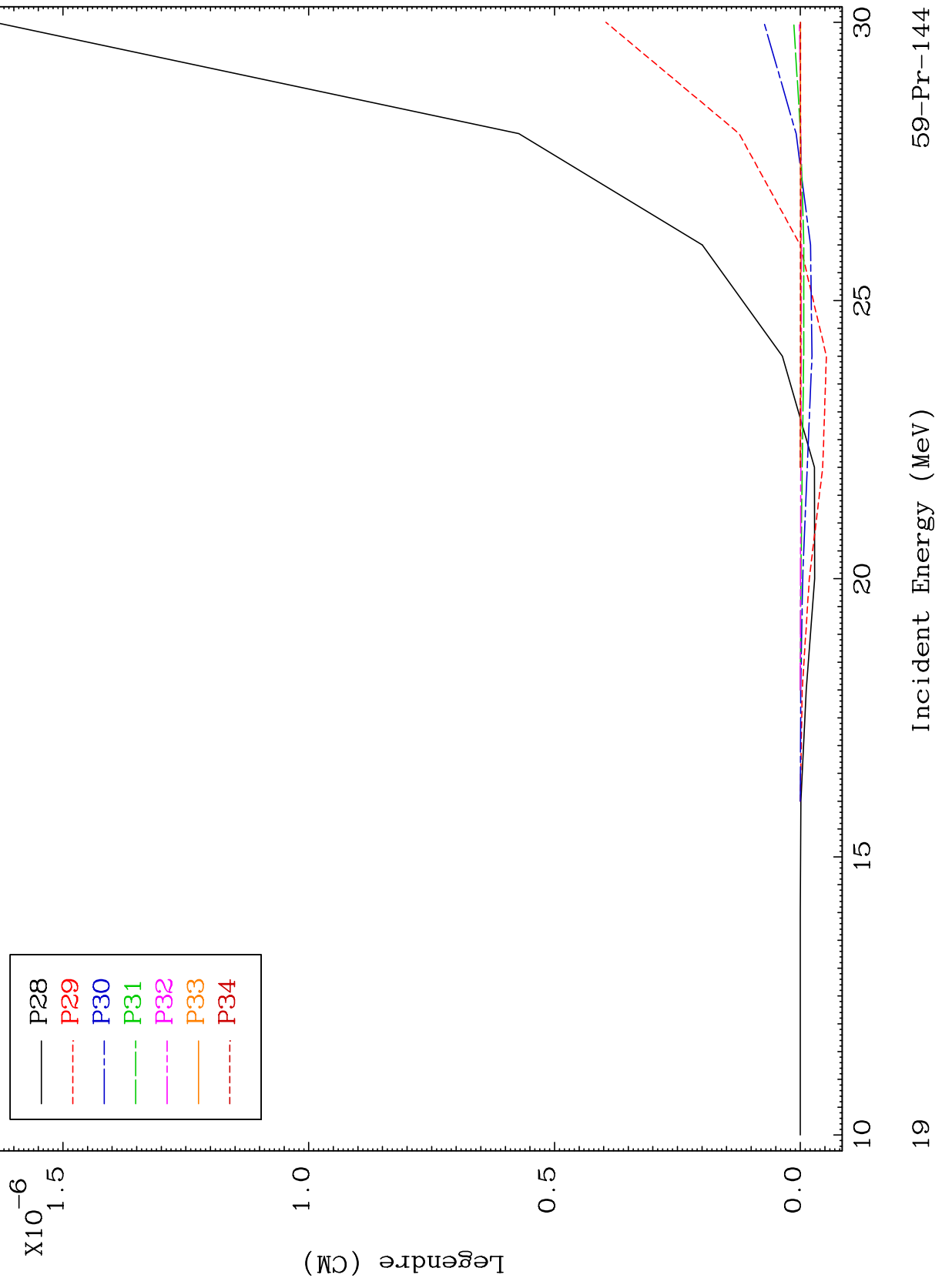
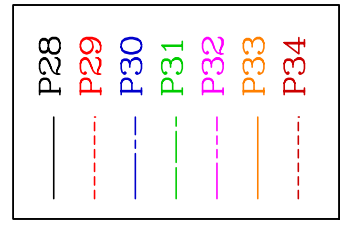
Incident Energy (MeV)

59-Pr-144

MAT 5934

Elastic Legendre Coefficients

59-Pr-144



59-Pr-144

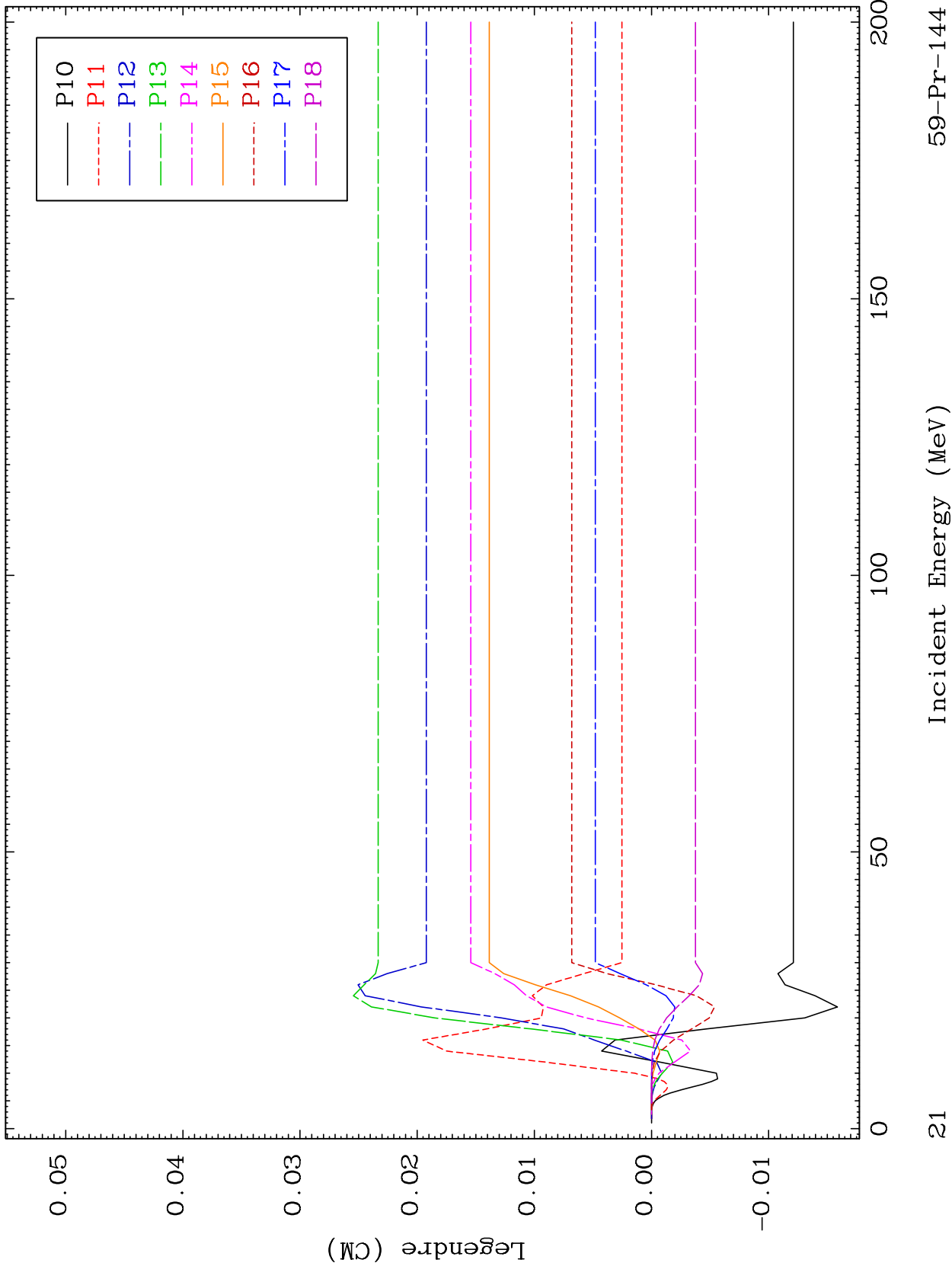
Incident Energy (MeV)

19

MAT 5934

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

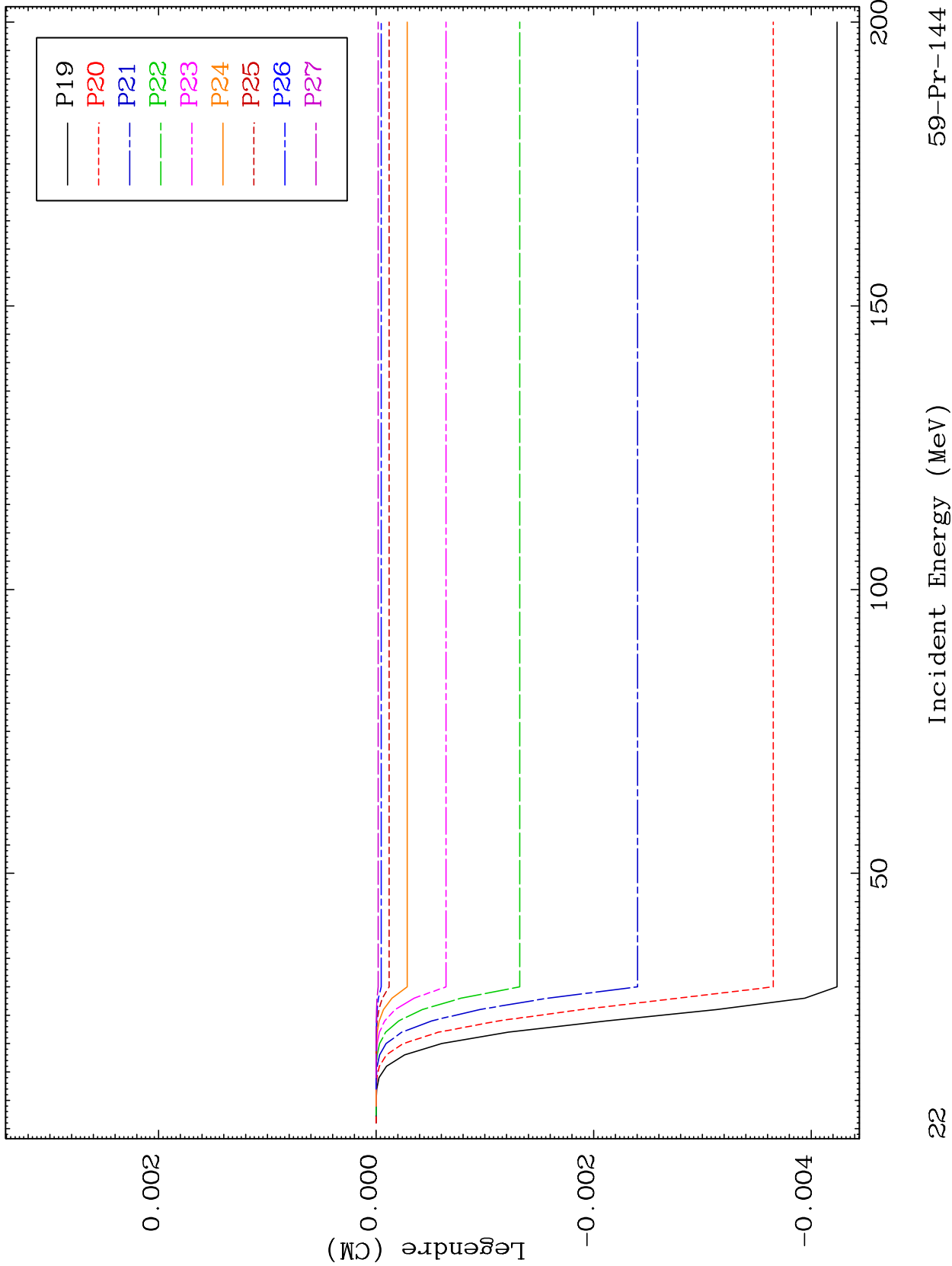
59-Pr-144



59-Pr-144

Incident Energy (MeV)

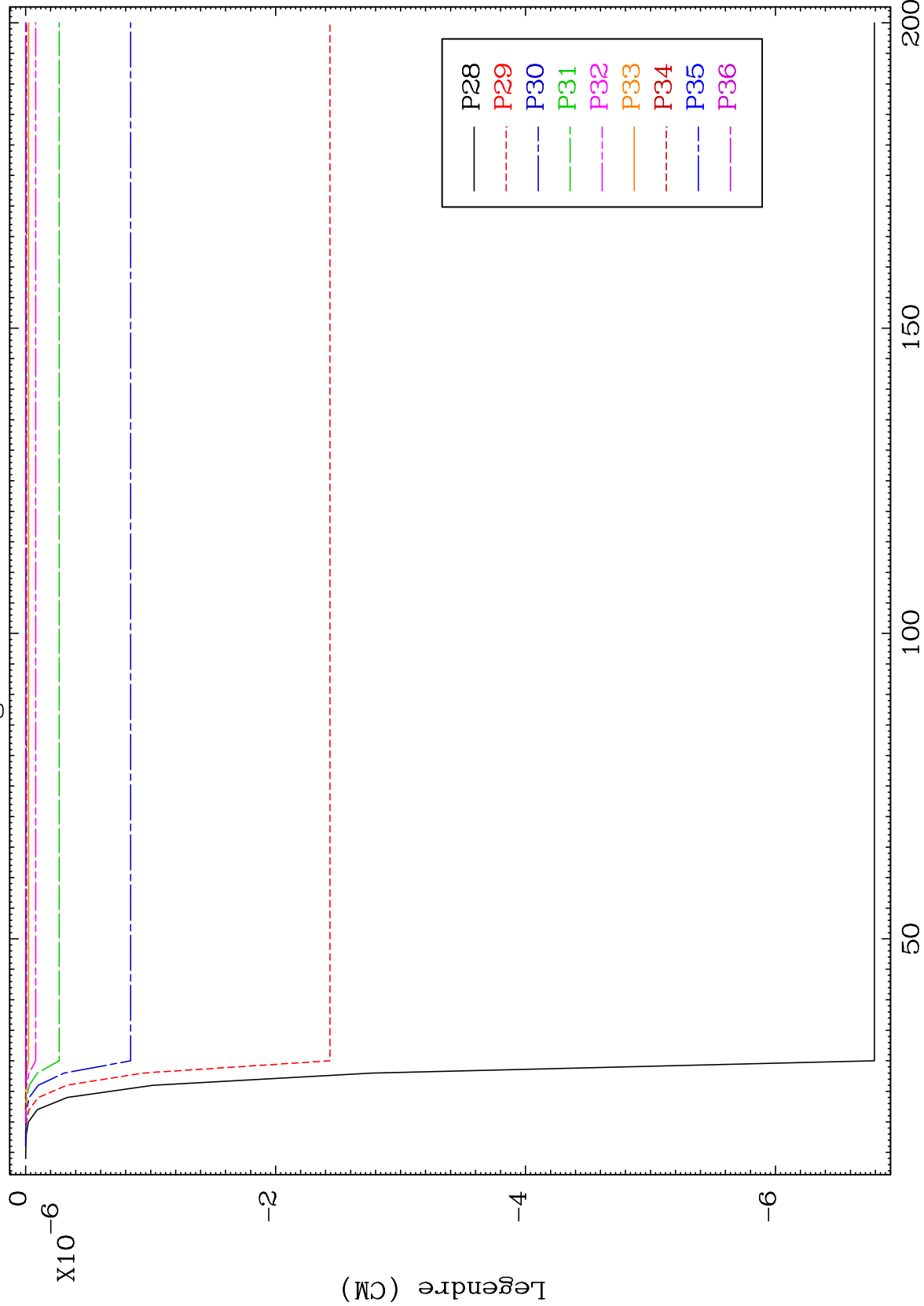
21



MAT 5934

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

59-Pr-144



23

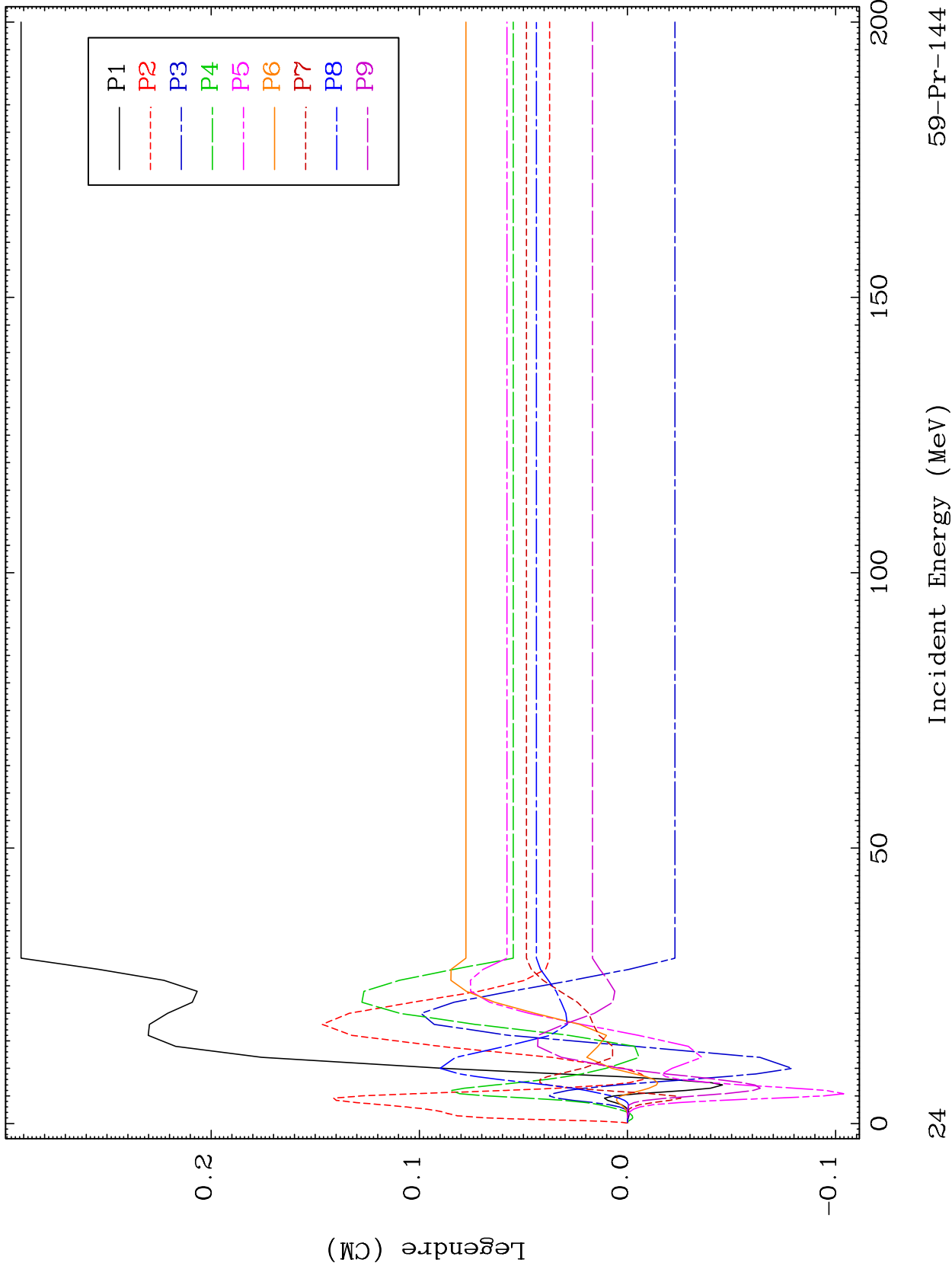
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

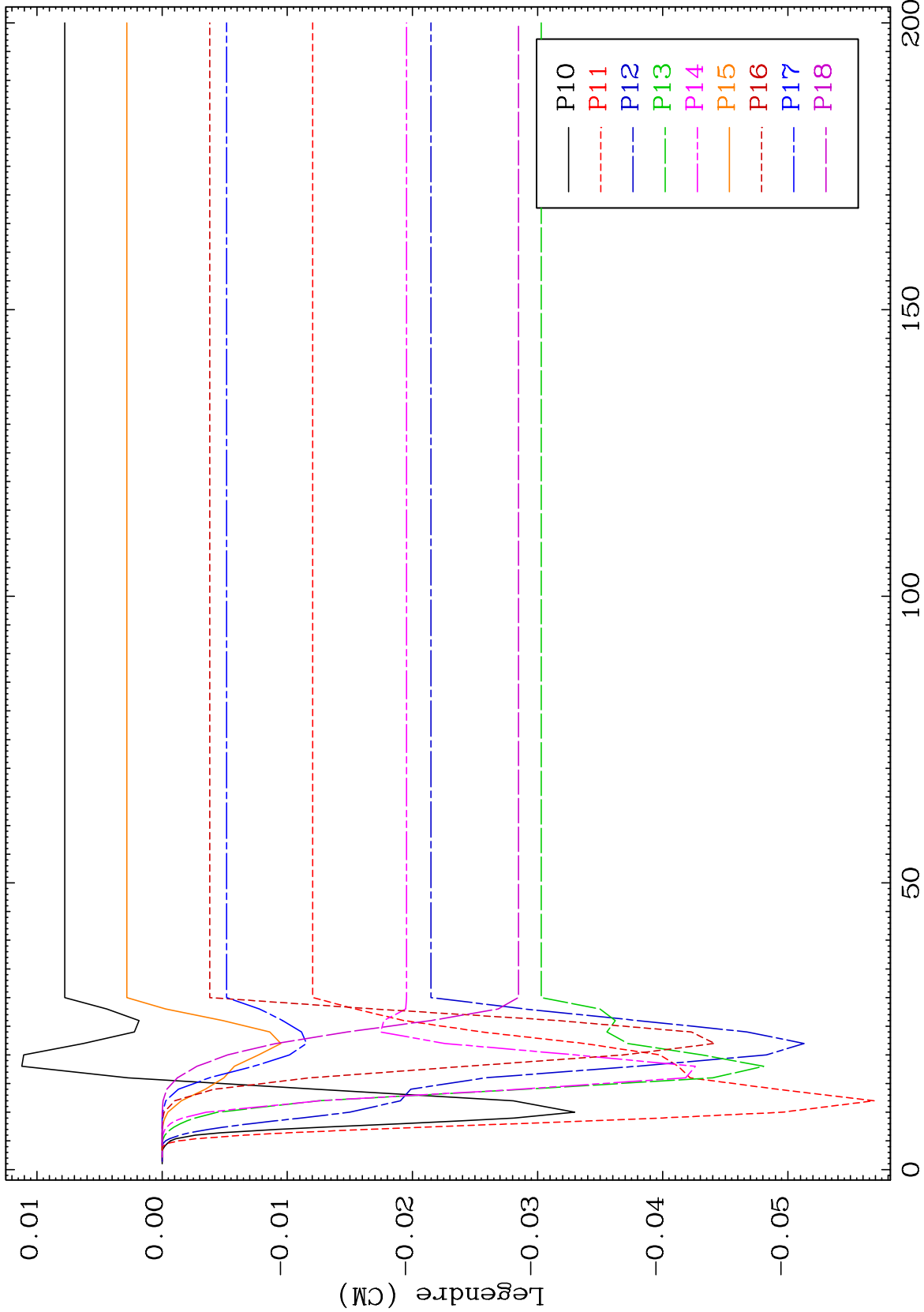
Incident Energy (MeV)

24

MAT 5934

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

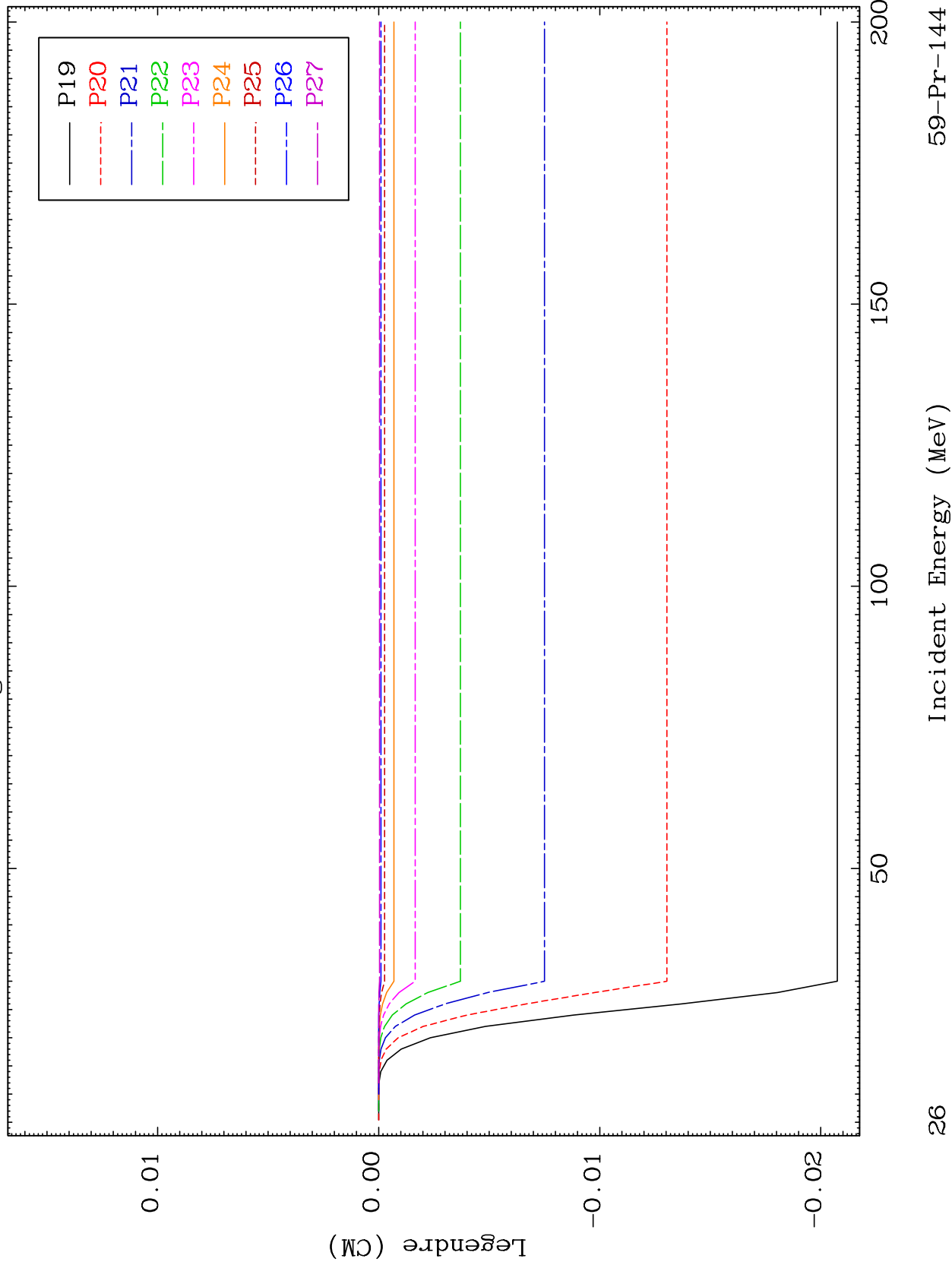
59-Pr-144



25

Incident Energy (MeV)

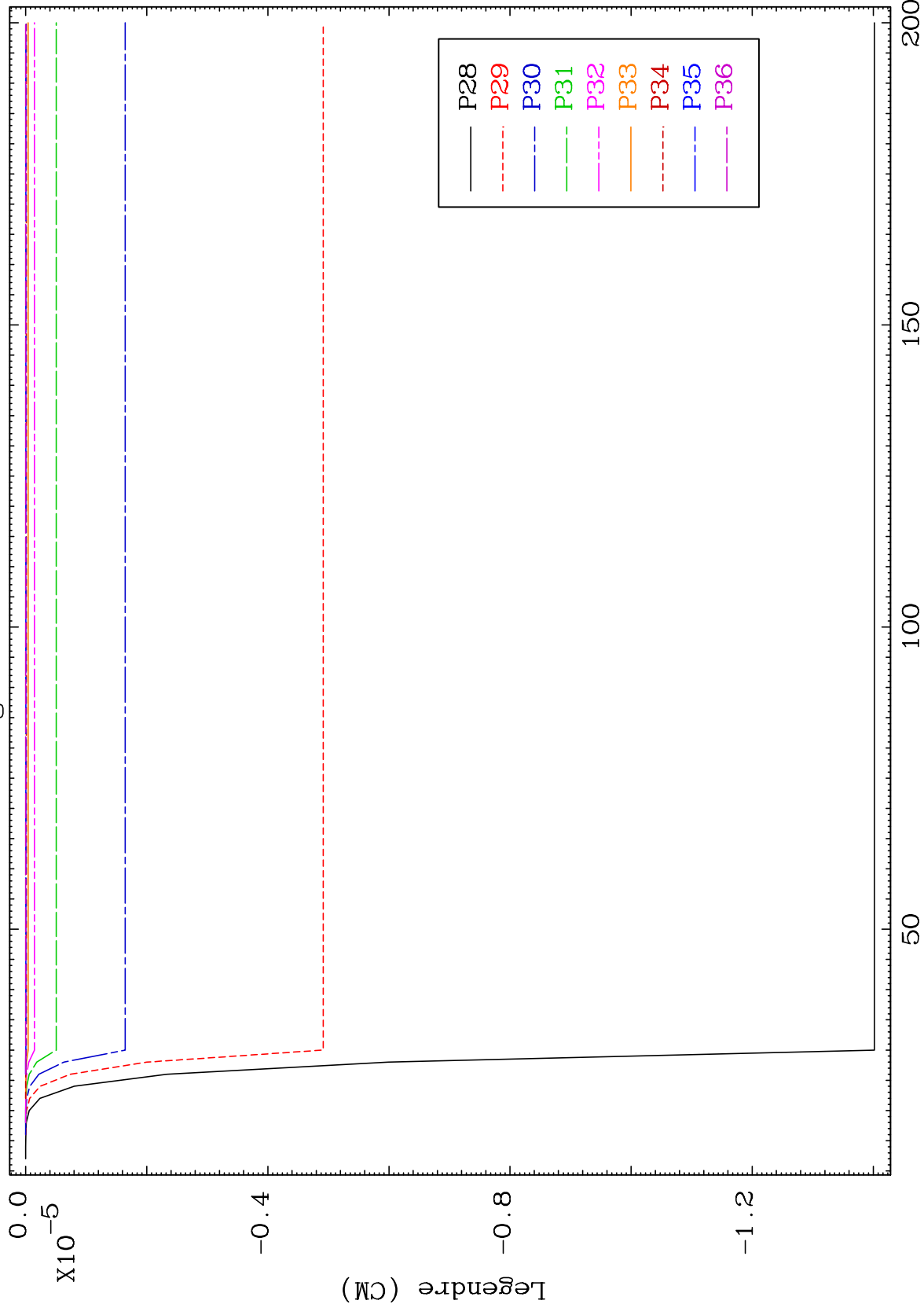
59-Pr-144



MAT 5934

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

59-Pr-144



27

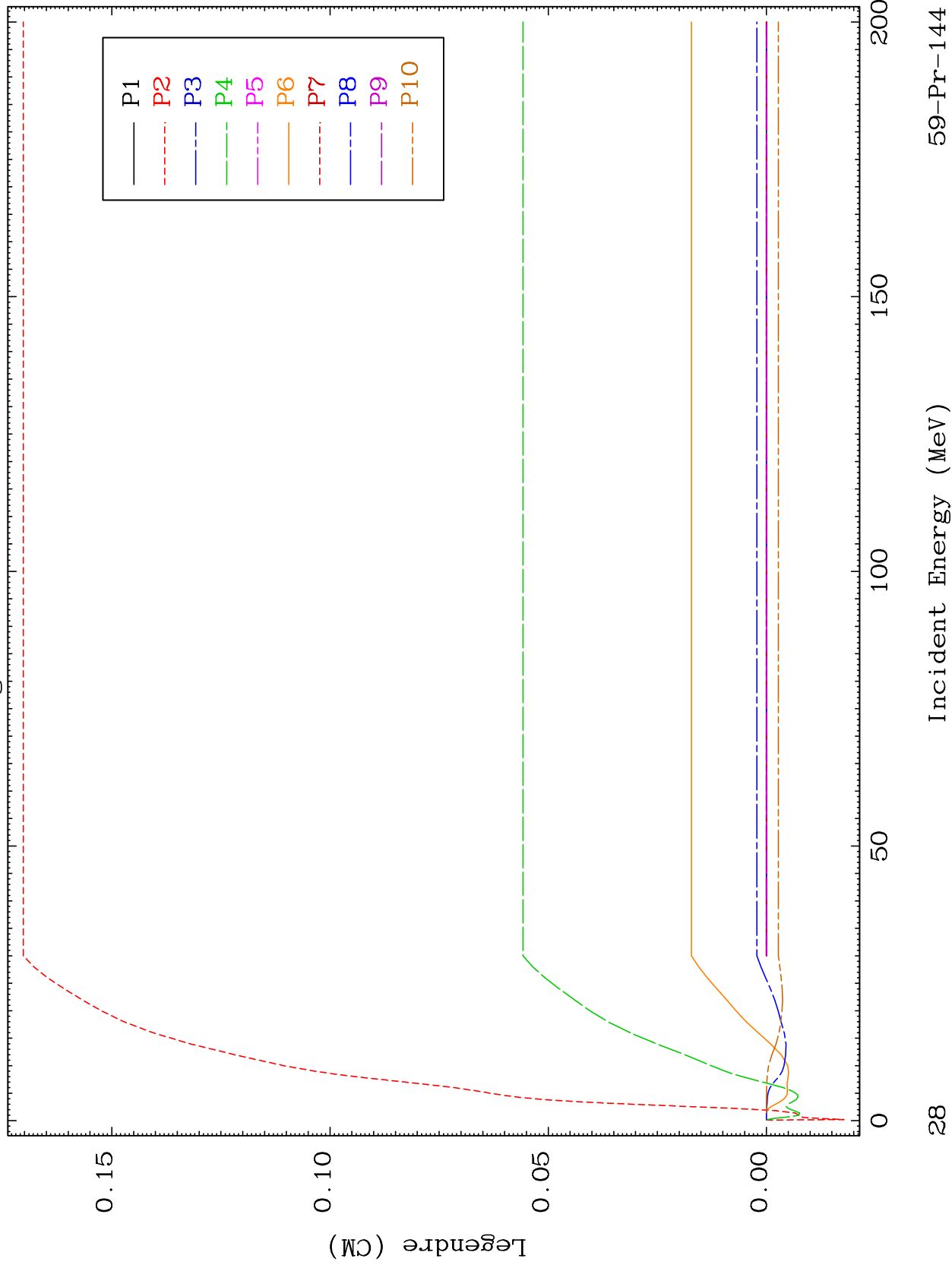
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

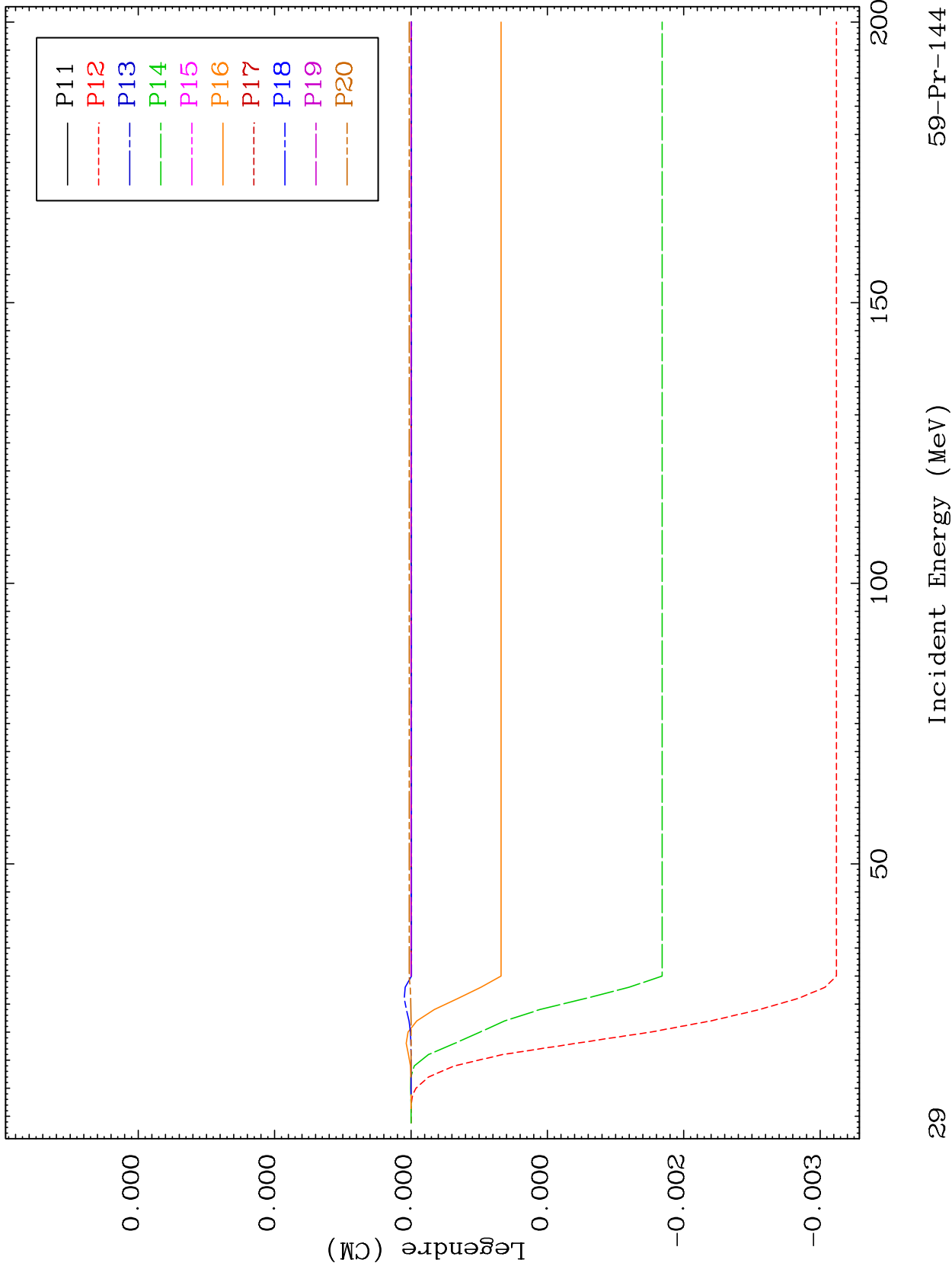
59-Pr-144

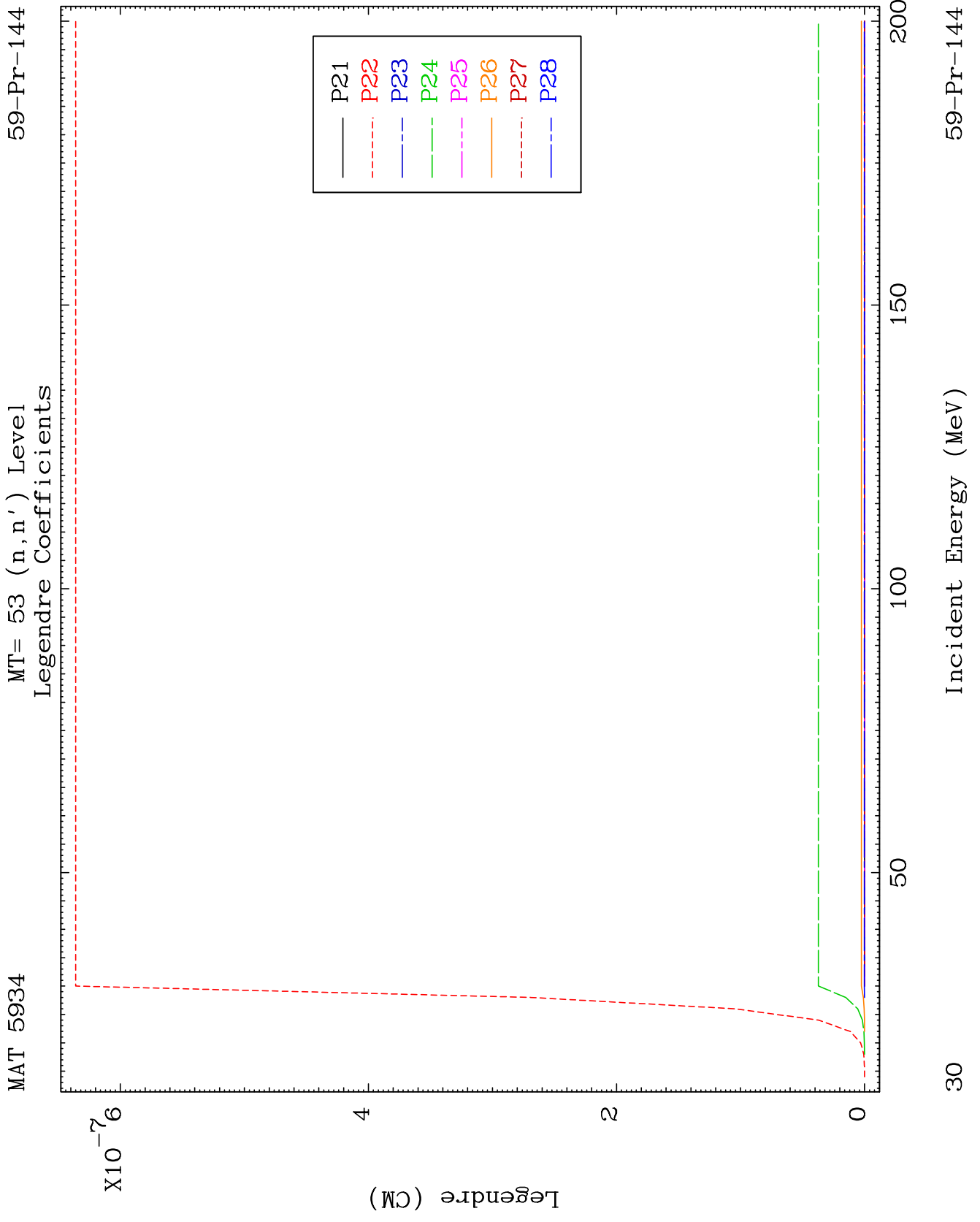


59-Pr-144

Incident Energy (MeV)

28

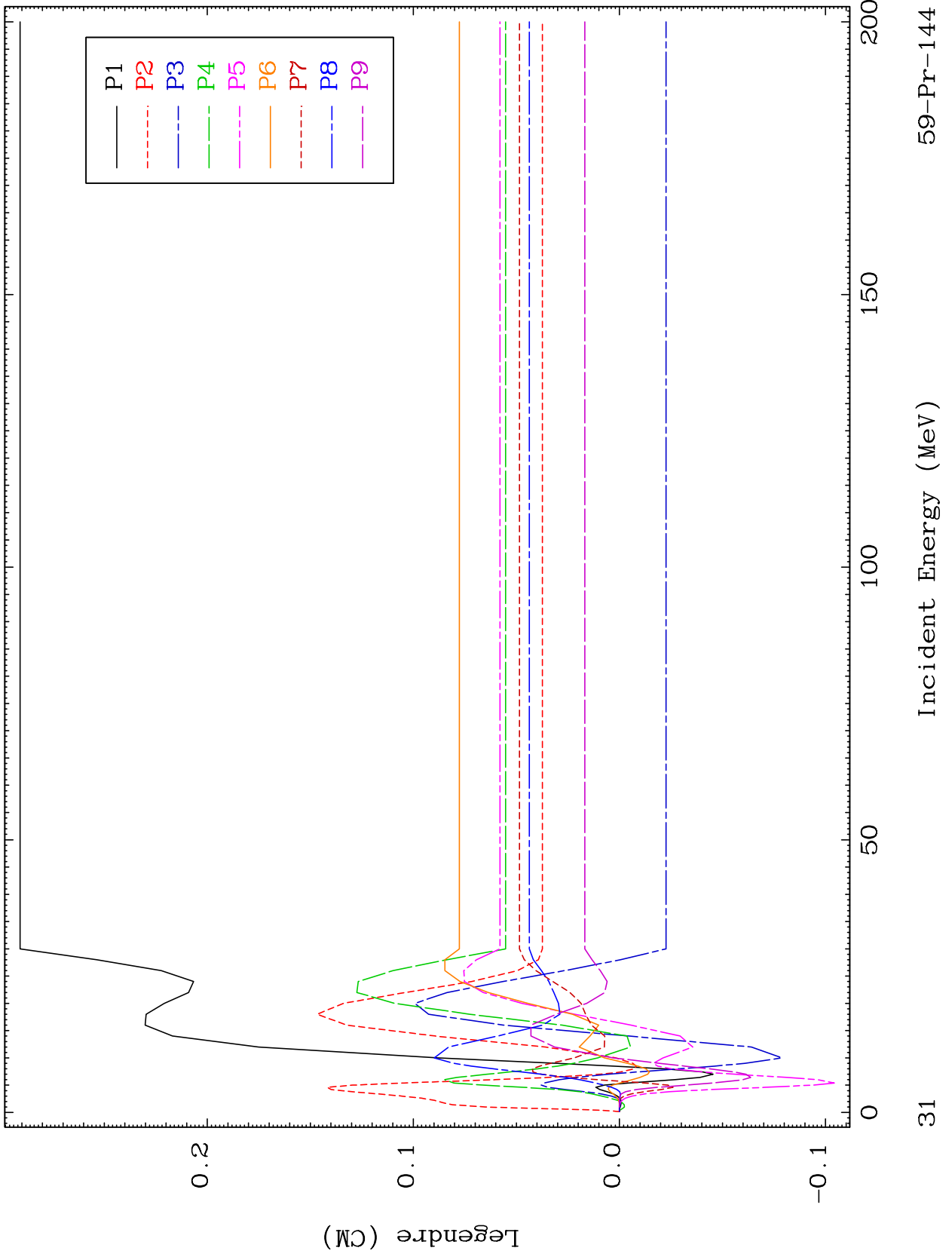




MAT 5934

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

59-Pr-144



59-Pr-144

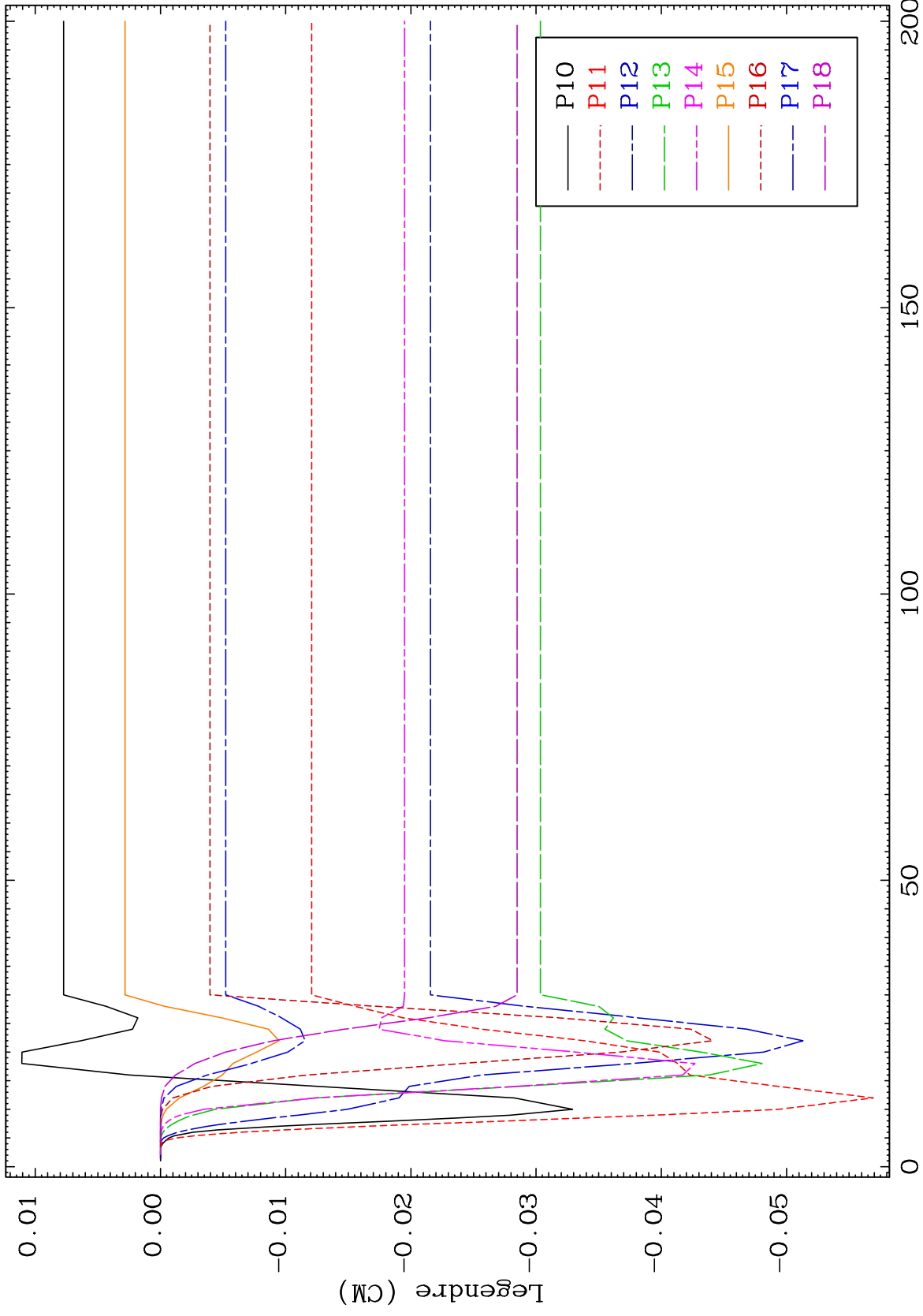
Incident Energy (MeV)

31

MAT 5934

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

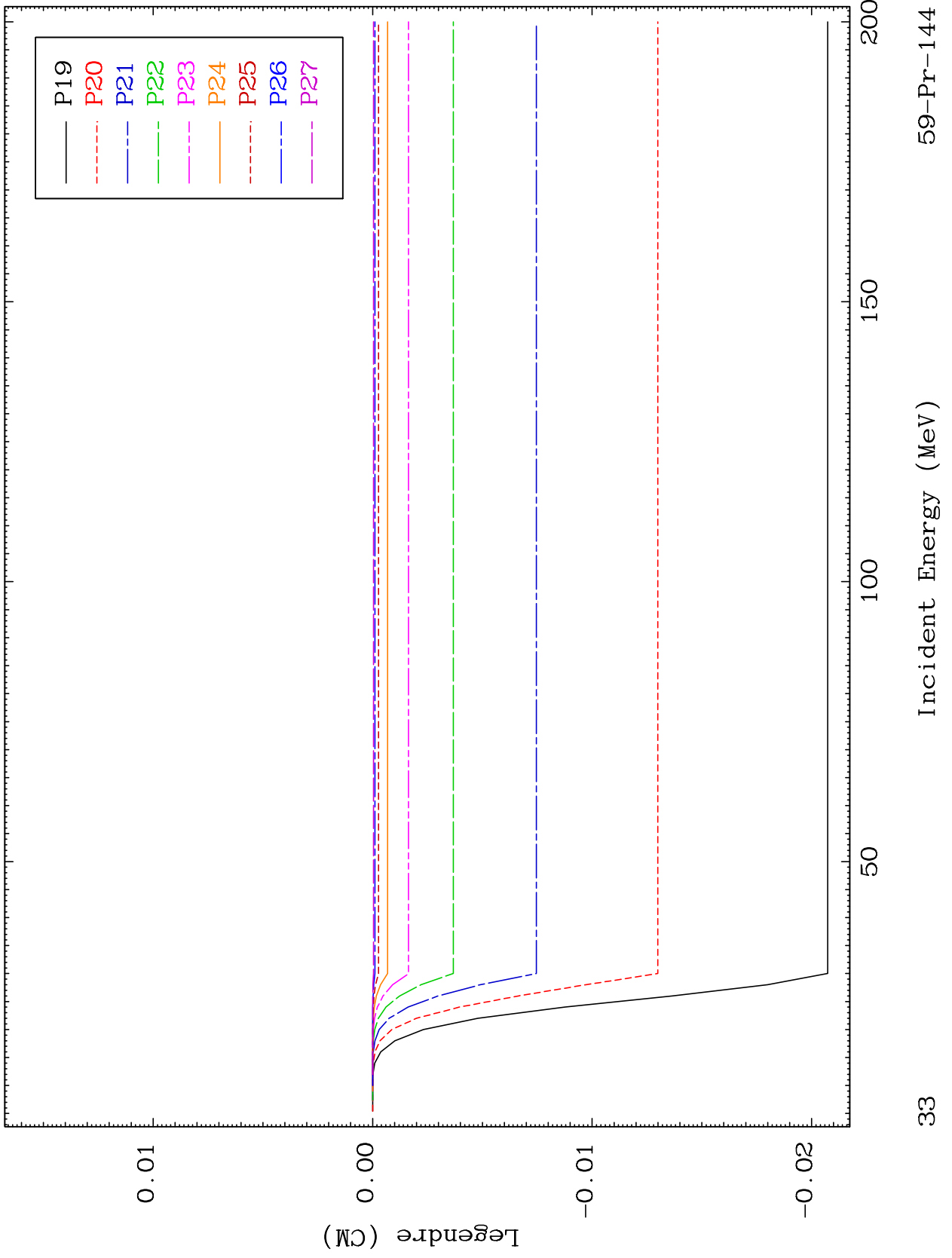
59-Pr-144

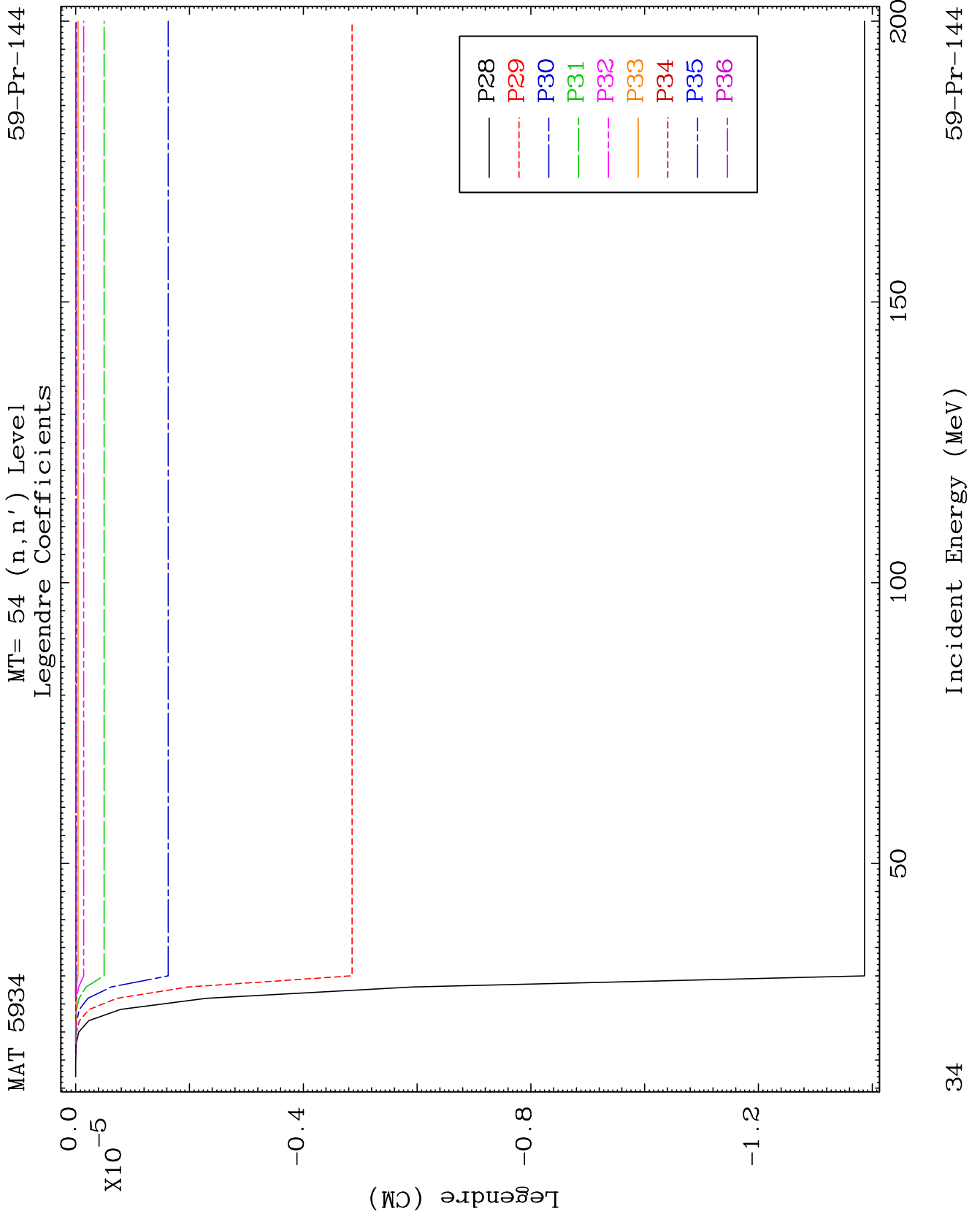


32

Incident Energy (MeV)

59-Pr-144

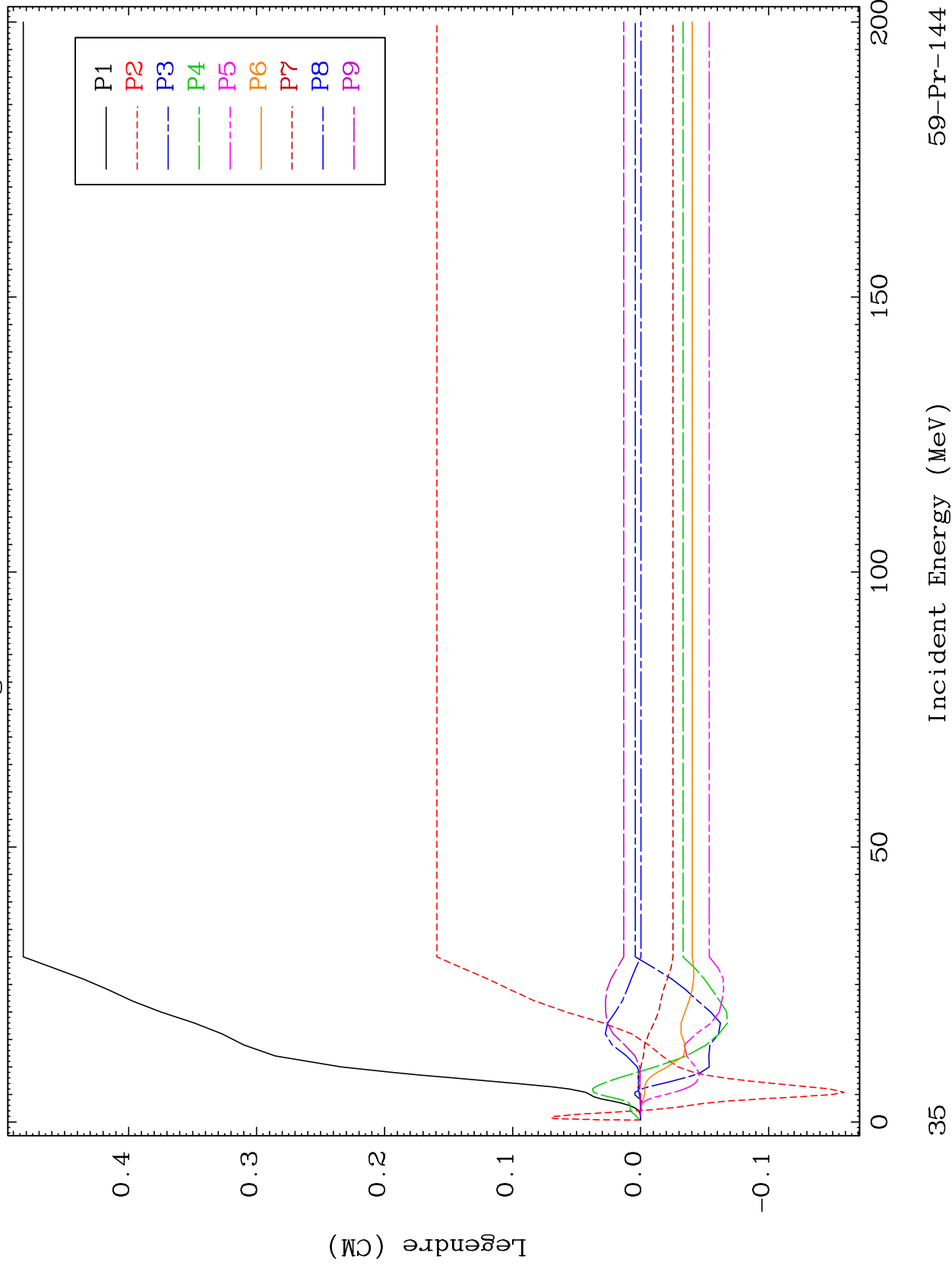




MAT 5934

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

59-Pr-144



59-Pr-144

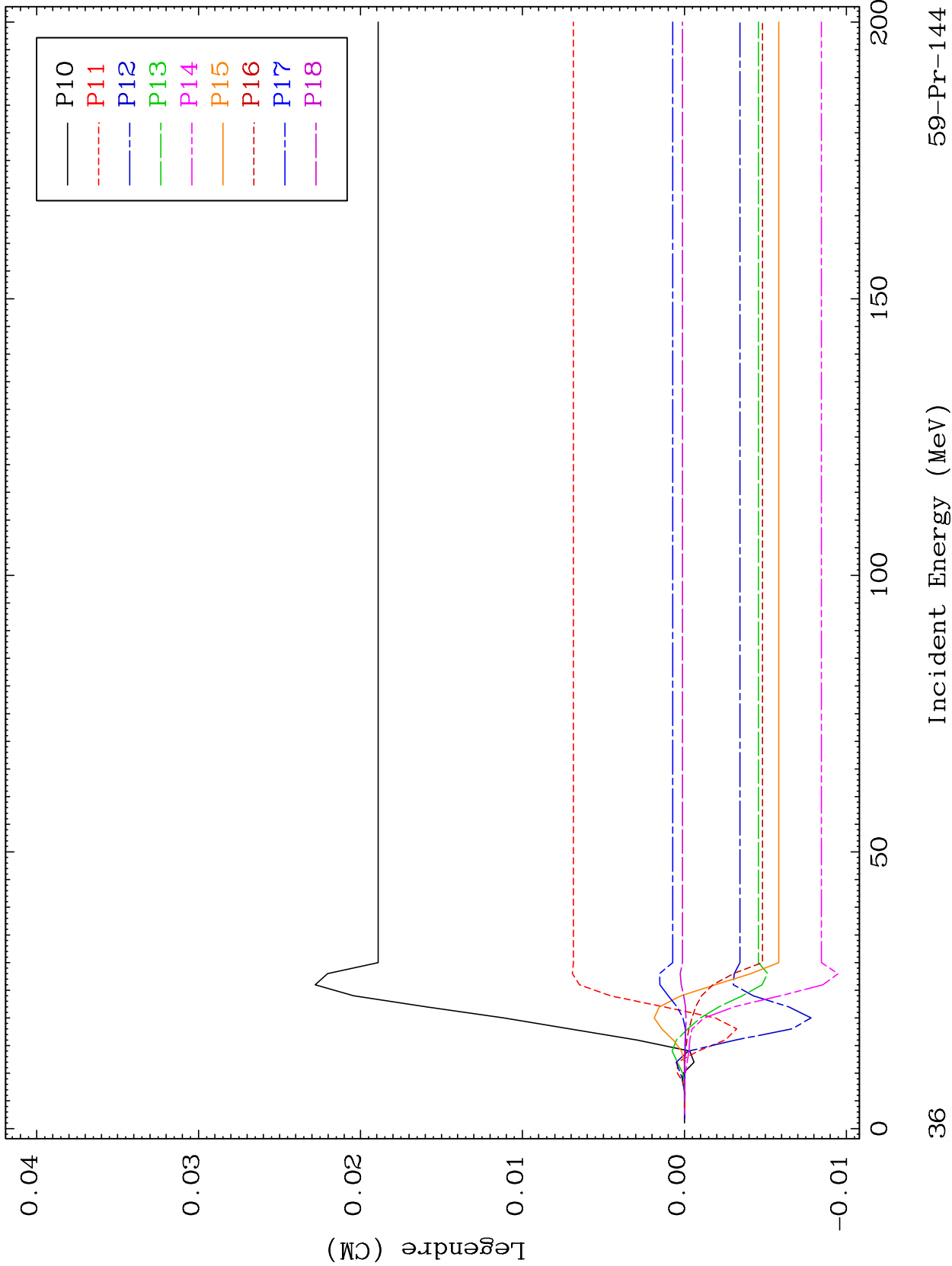
Incident Energy (MeV)

35

MAT 5934

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

59-Pr-144



36

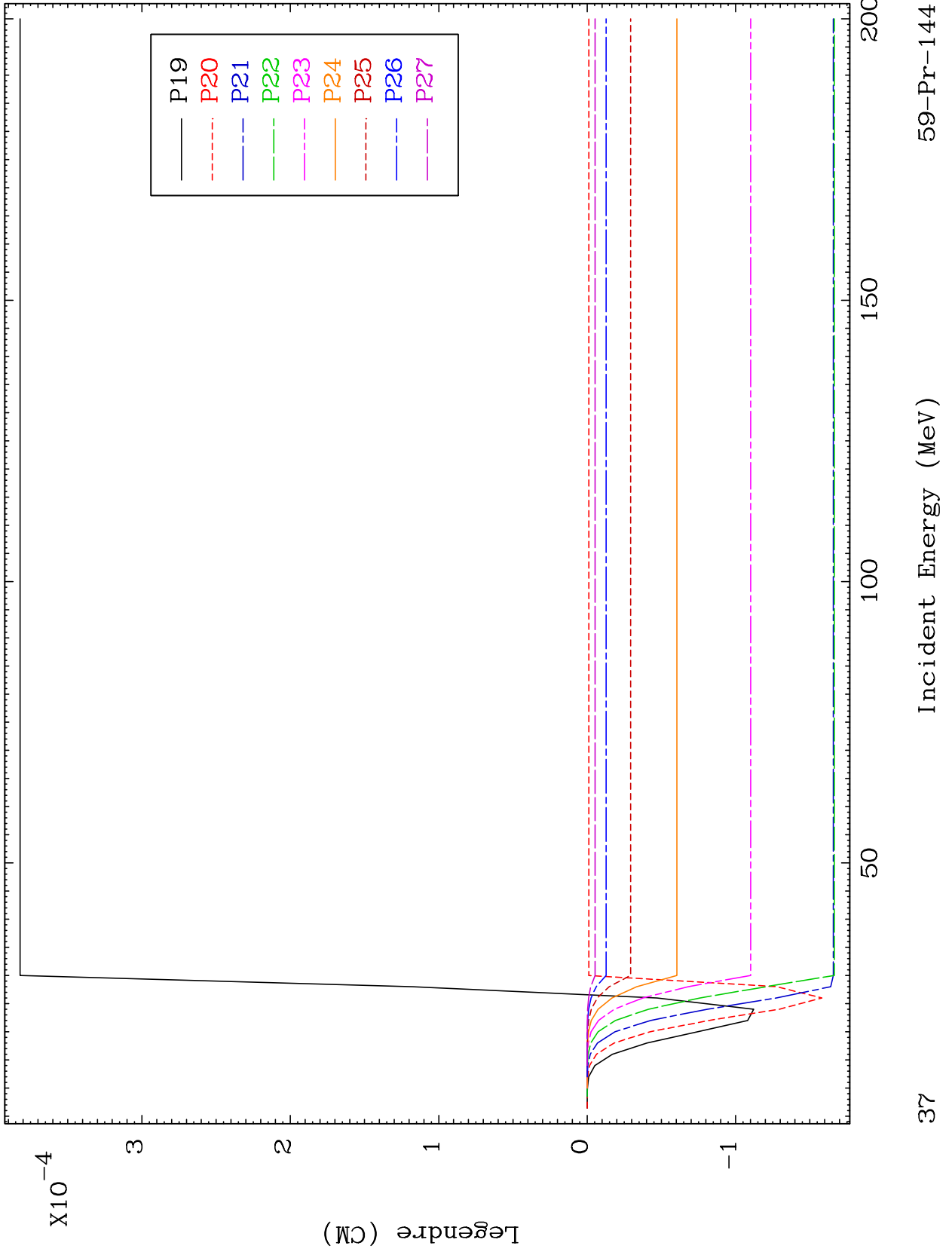
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

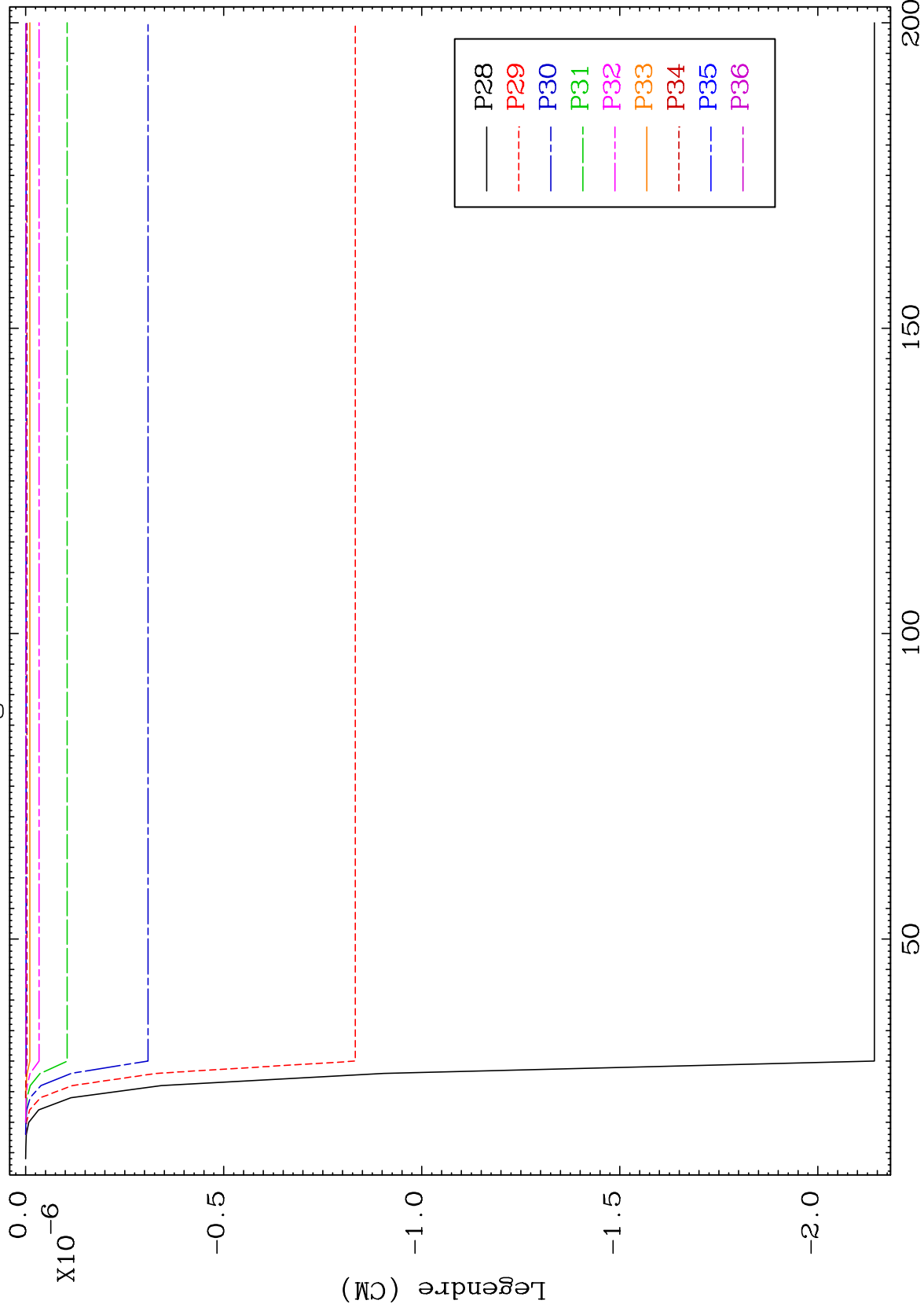
59-Pr-144



MAT 5934

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

59-Pr-144



38

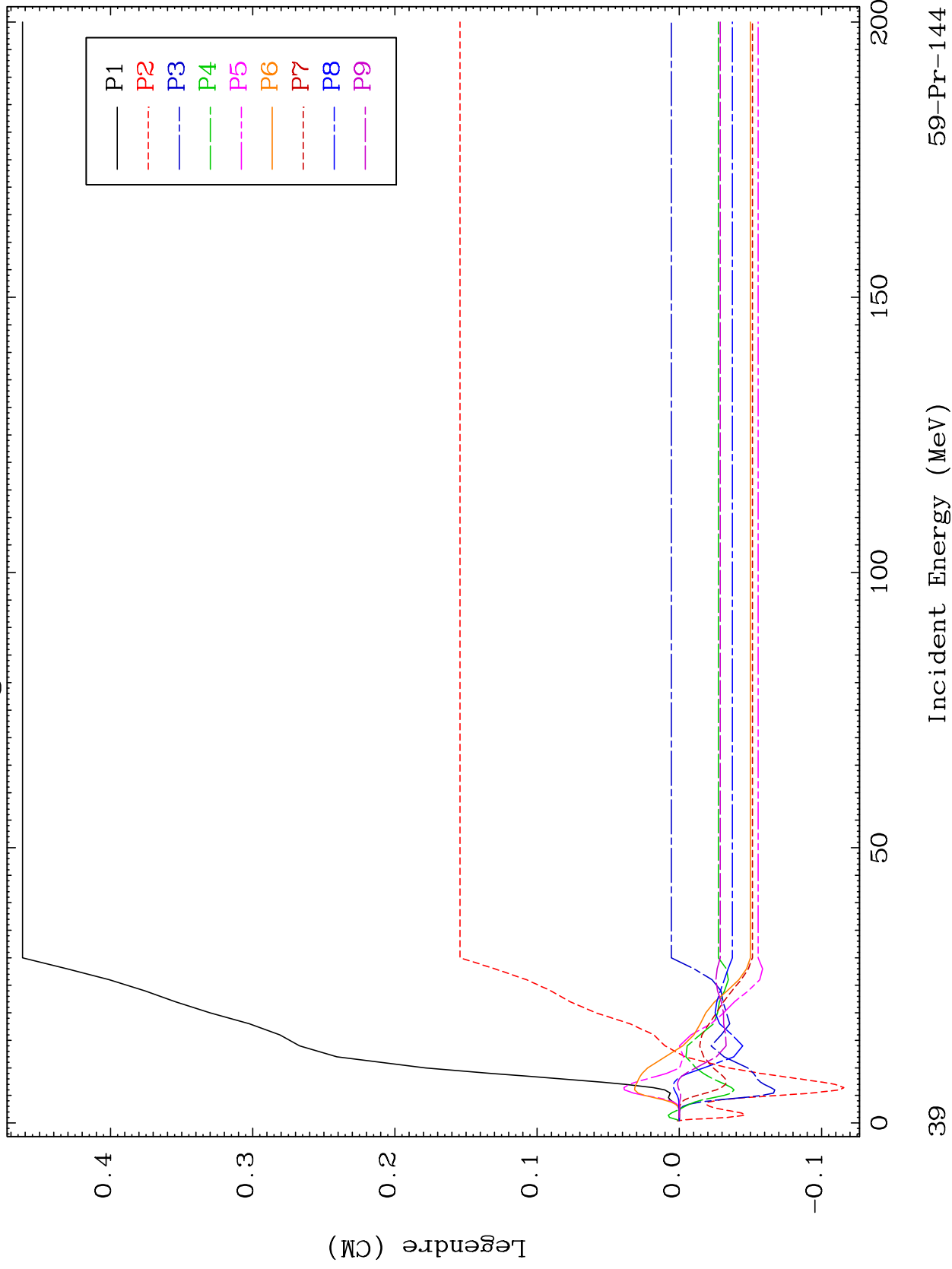
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144

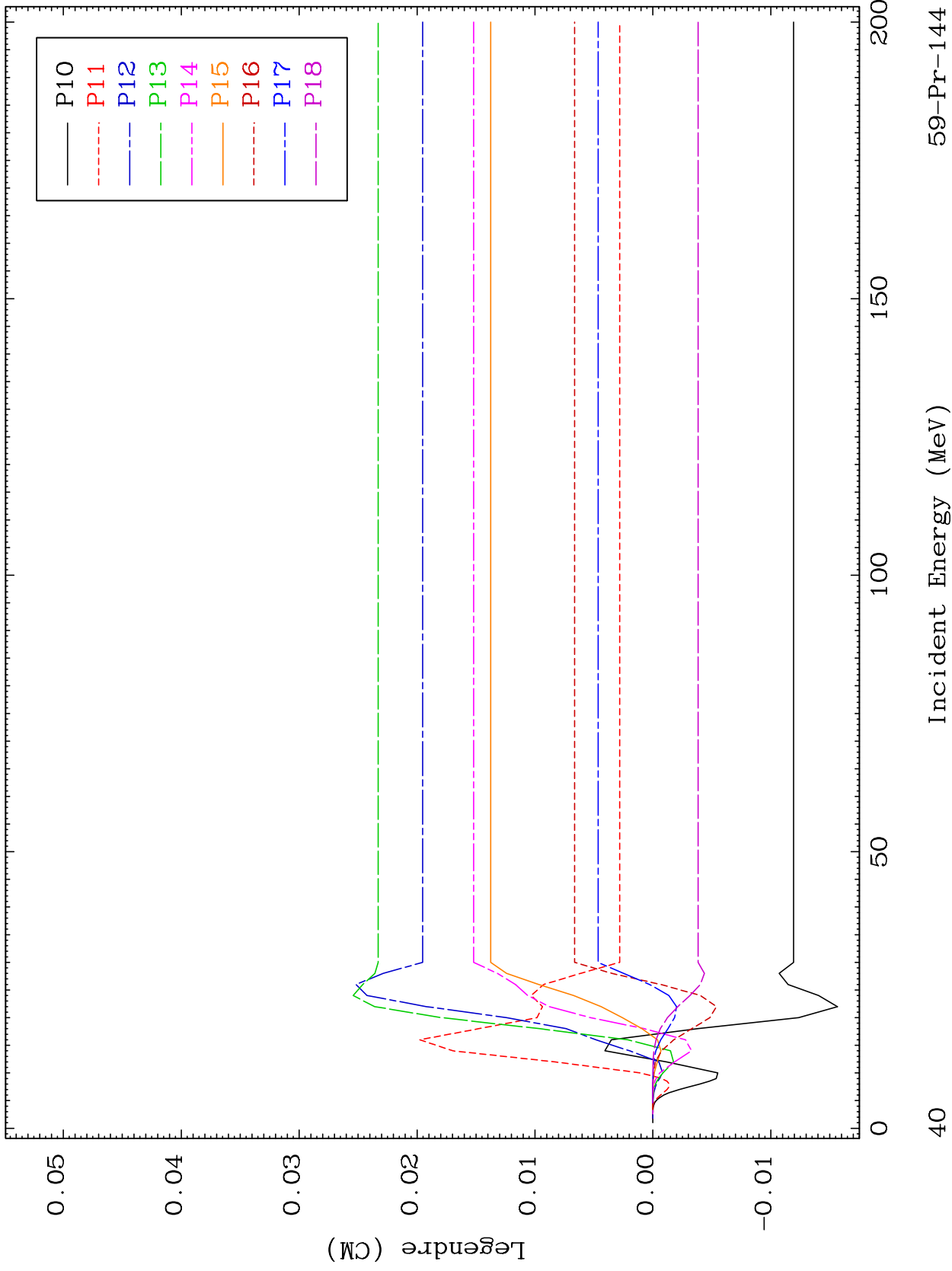


39

MAT 5934

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

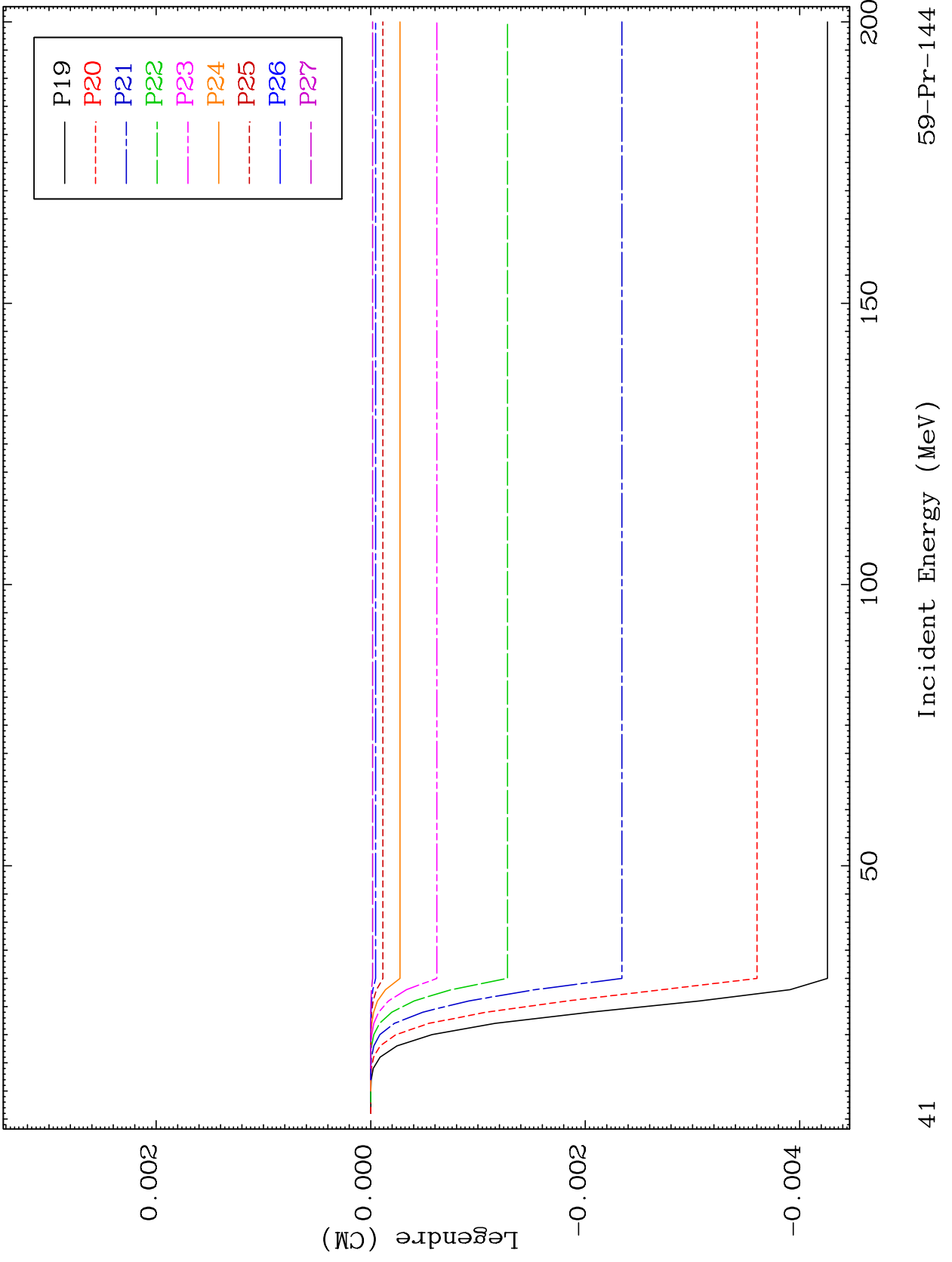
59-Pr-144



MAT 5934

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

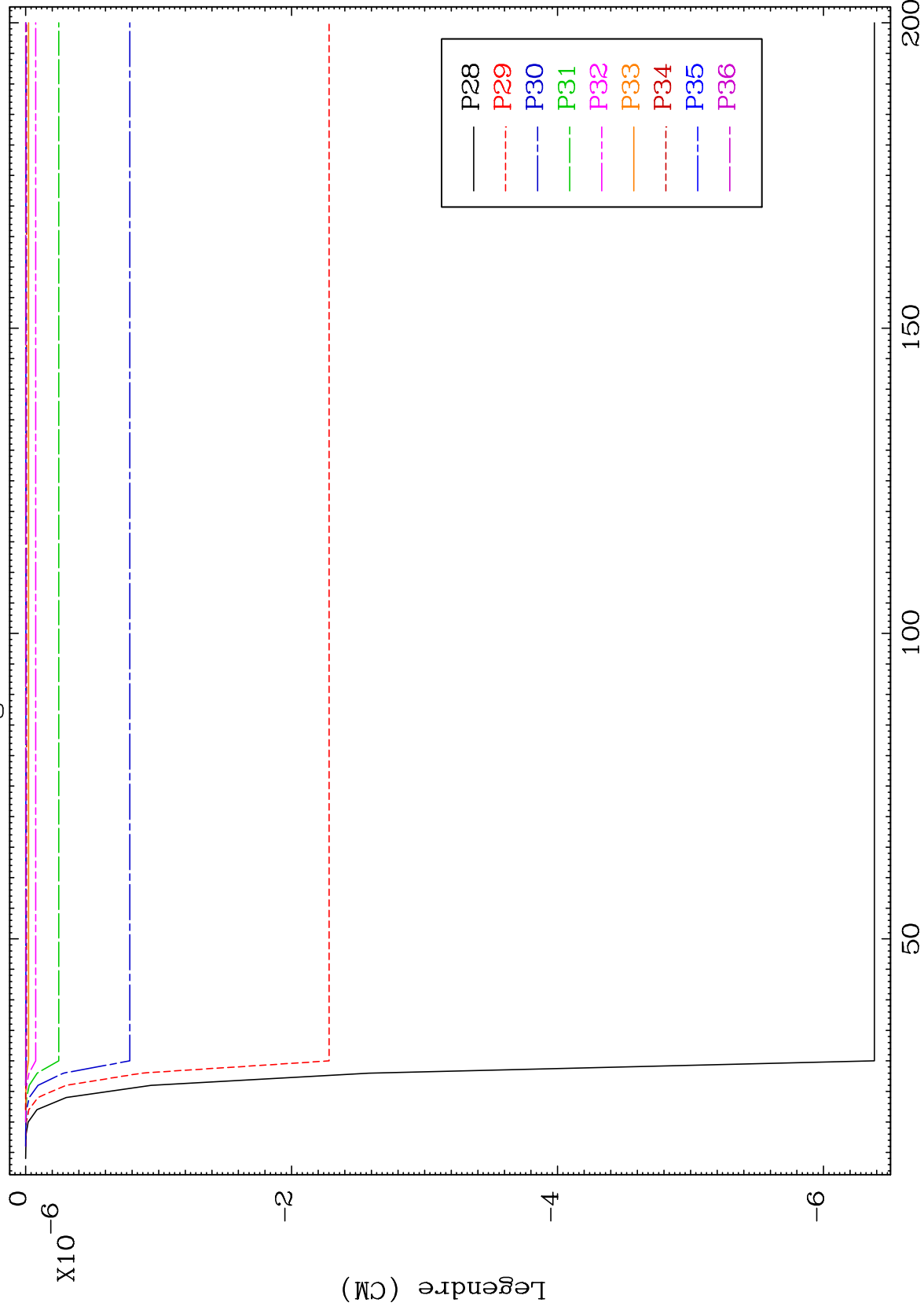
59-Pr-144



MAT 5934

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

59-Pr-144



42

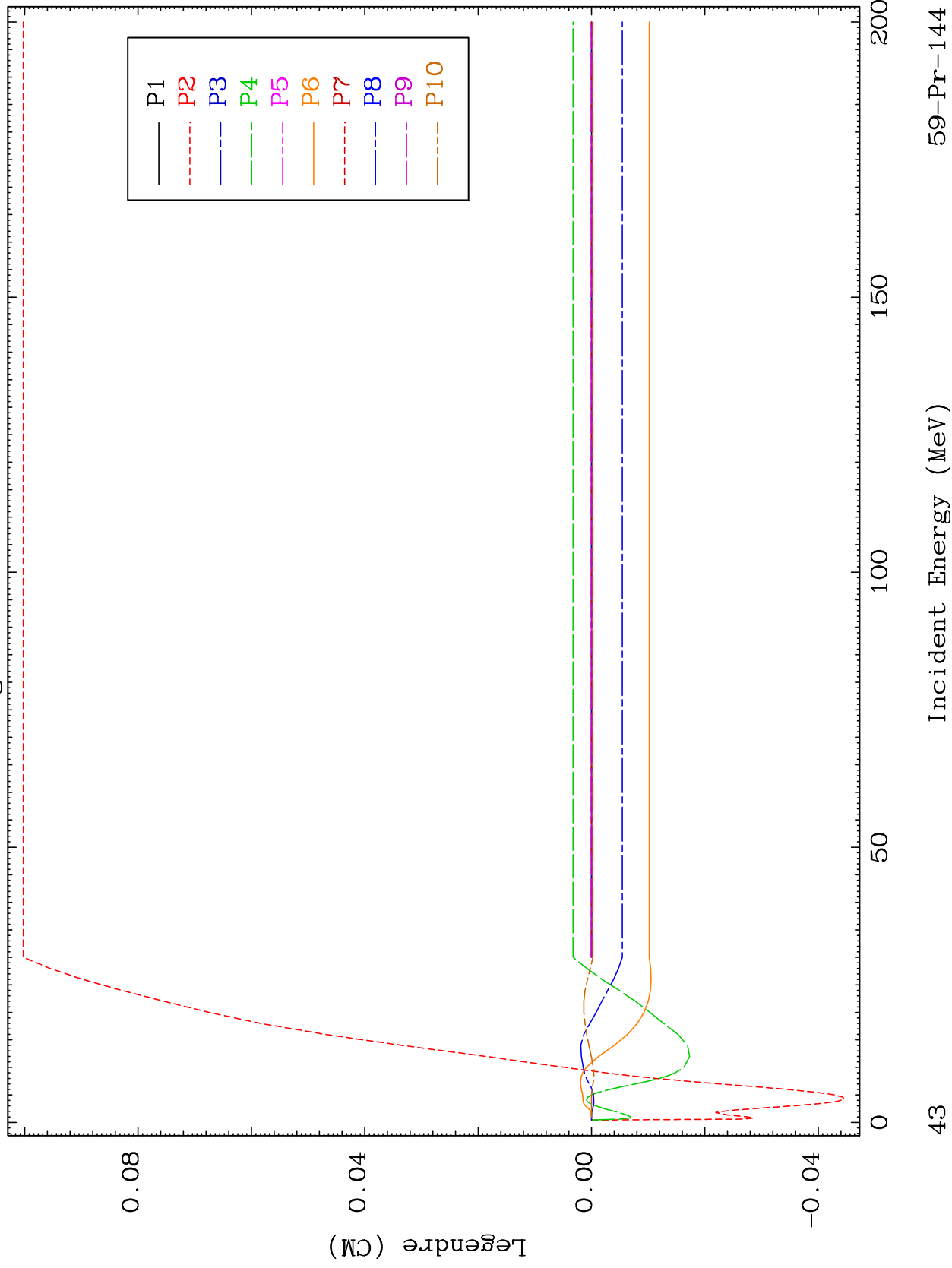
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

Incident Energy (MeV)

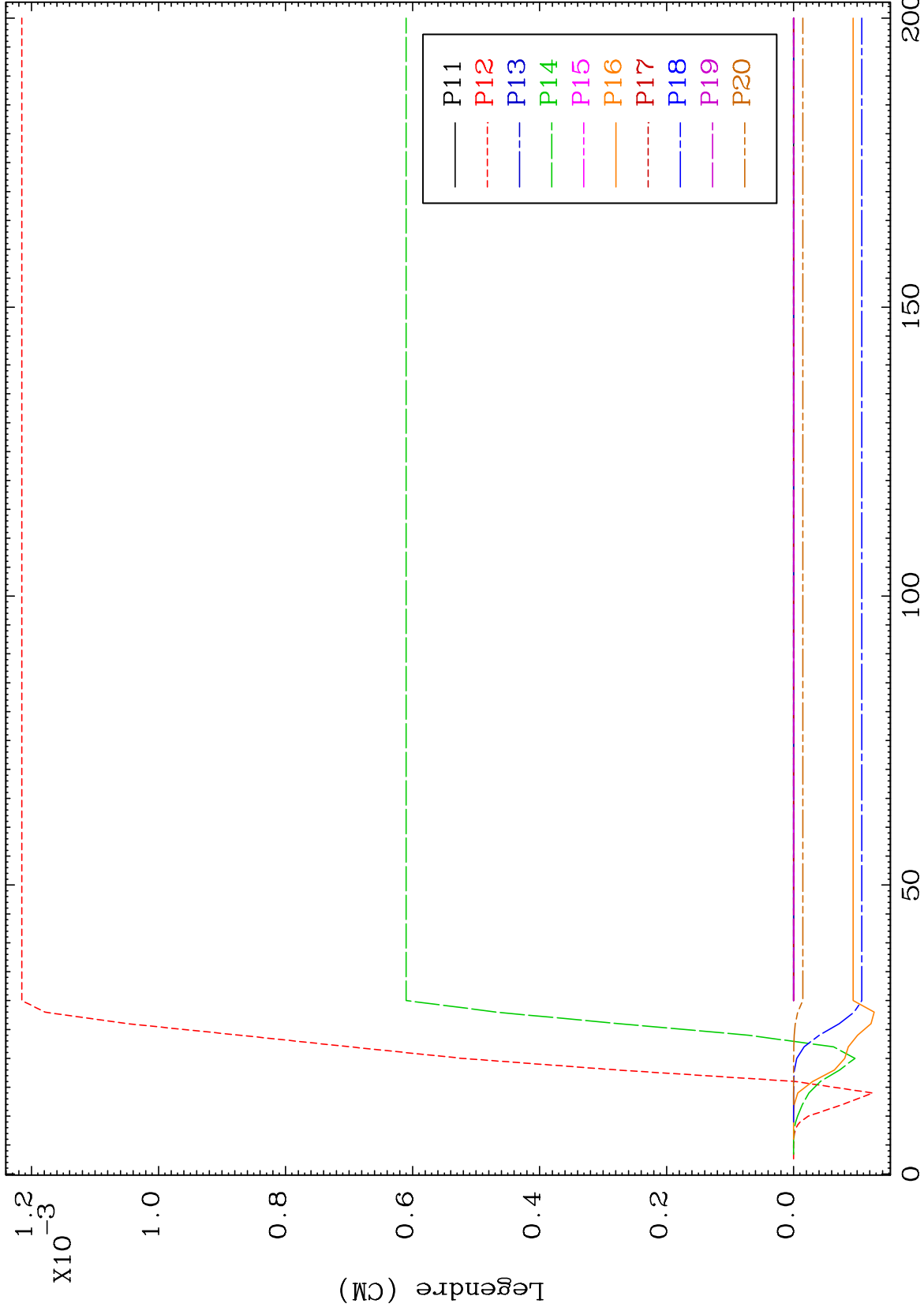
43

MAT 5934

MT= 57 (n,n') Level

59-Pr-144

Legendre Coefficients



44

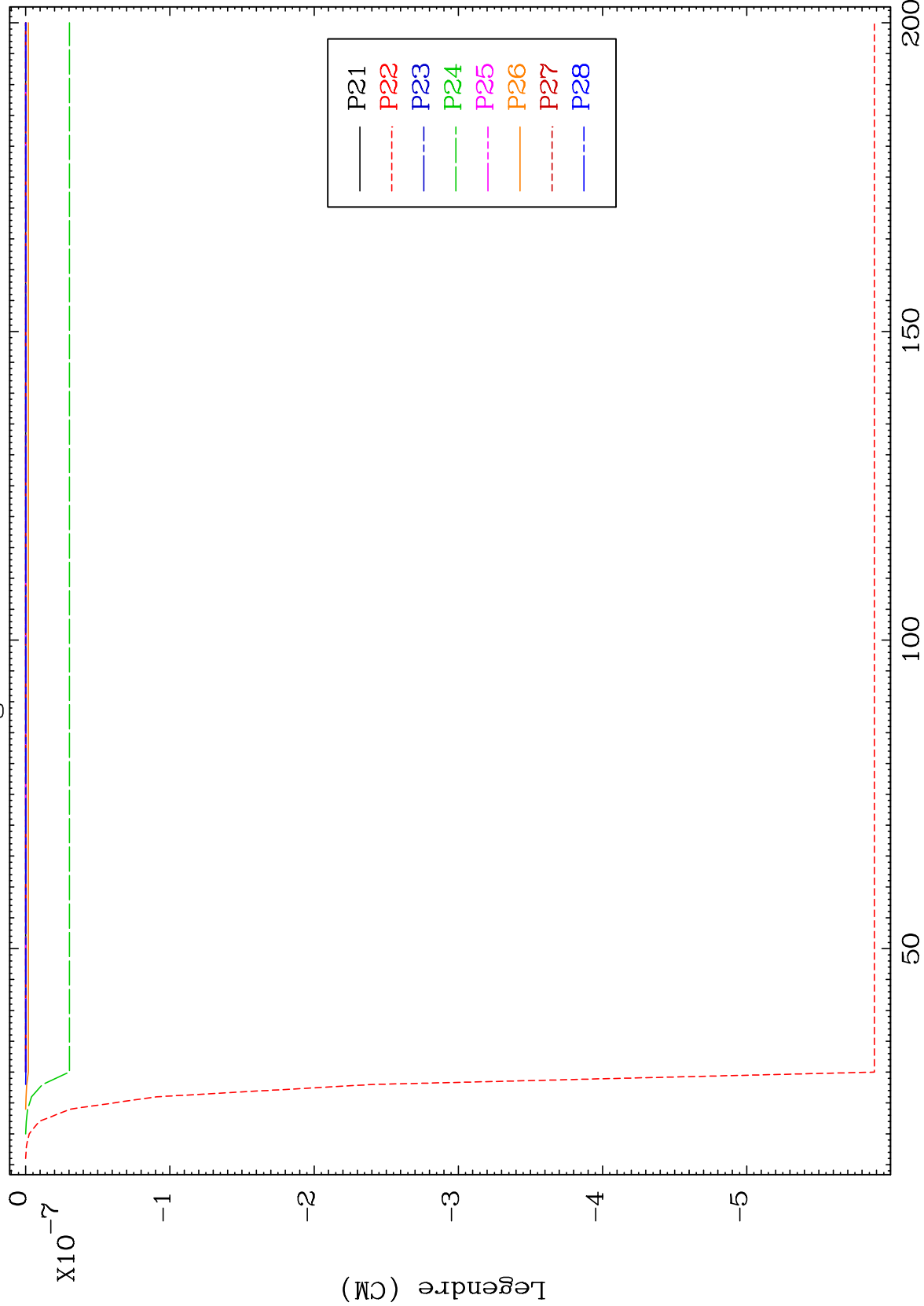
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



45

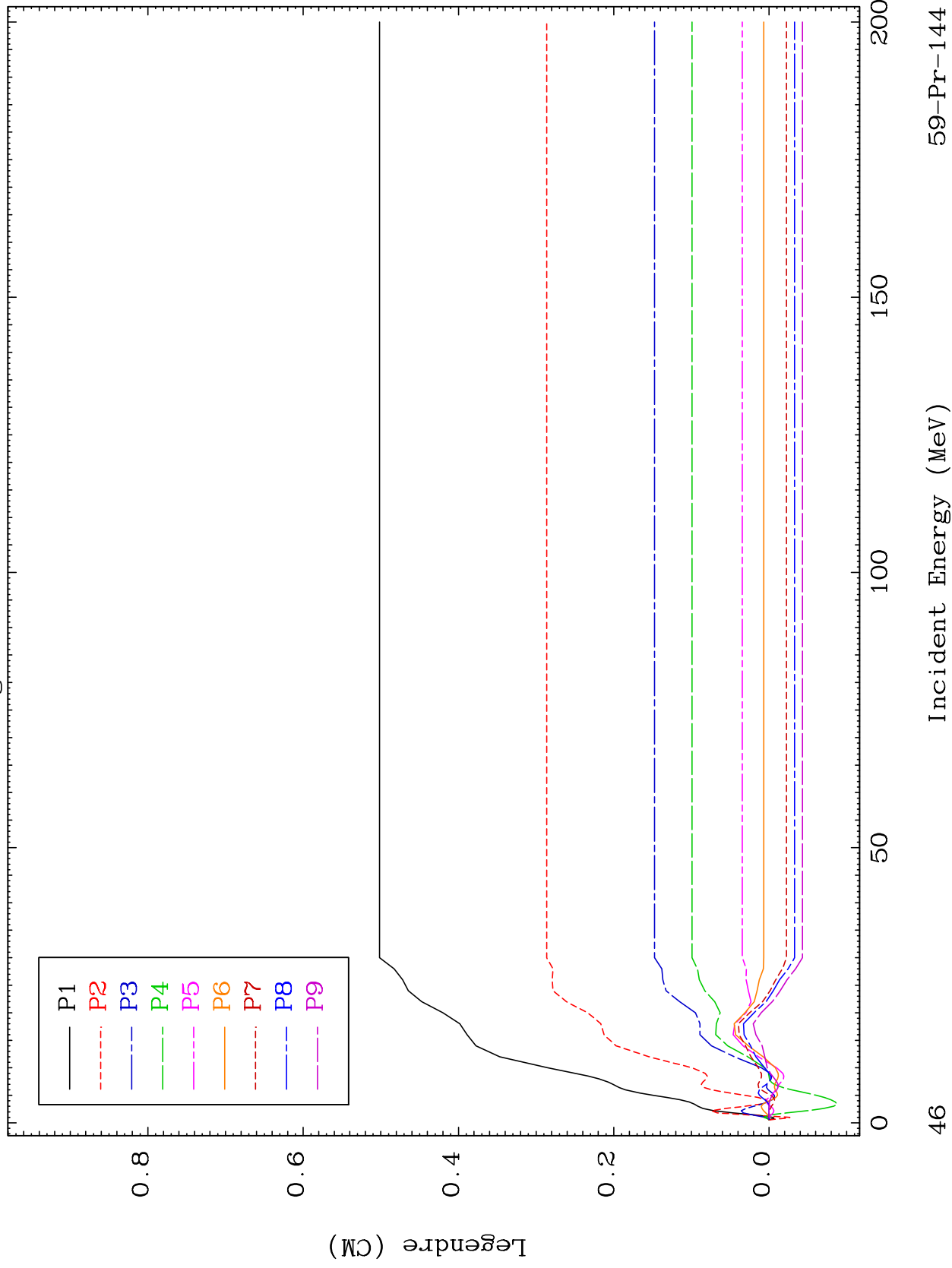
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

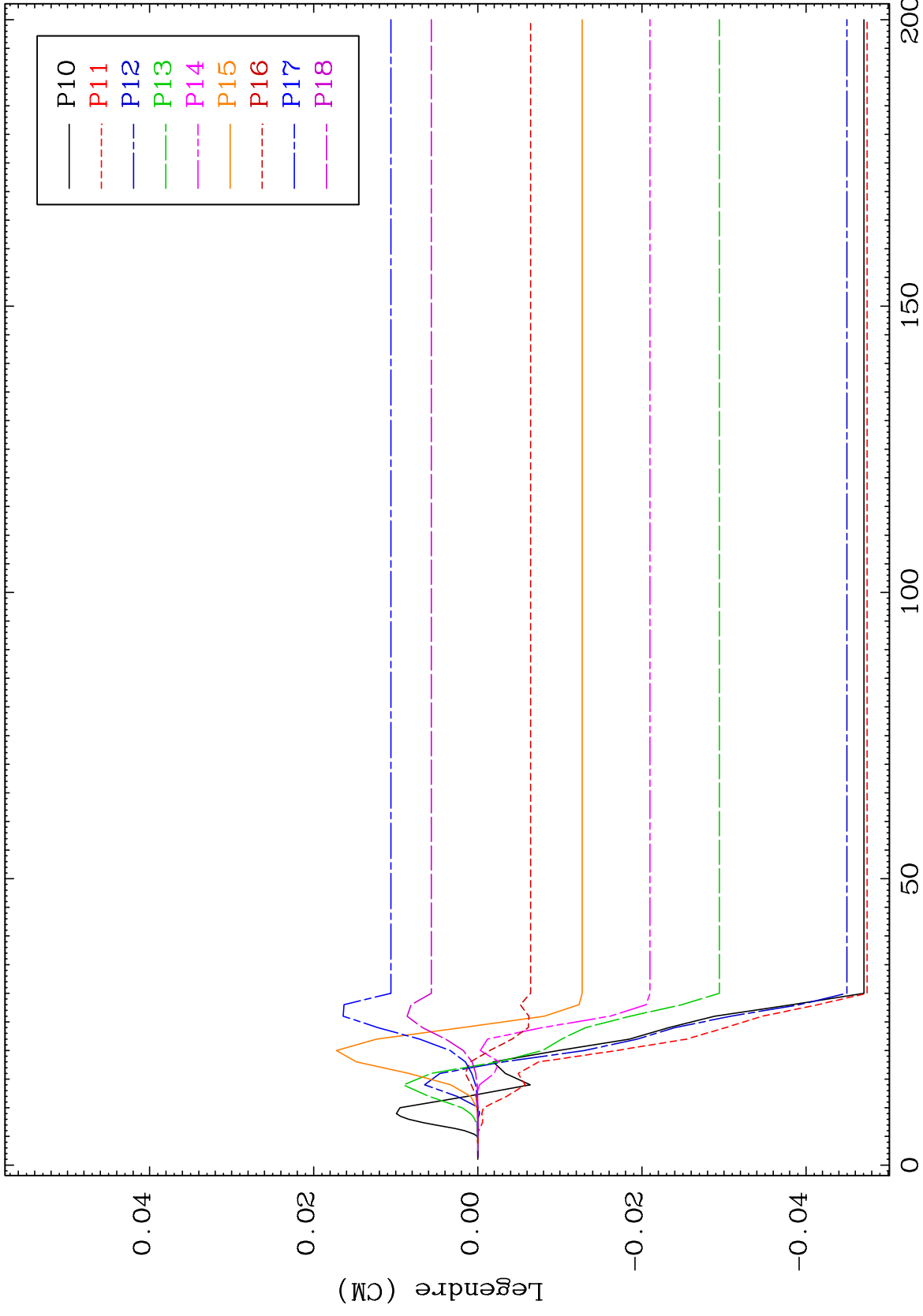
59-Pr-144



MAT 5934

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

59-Pr-144



47

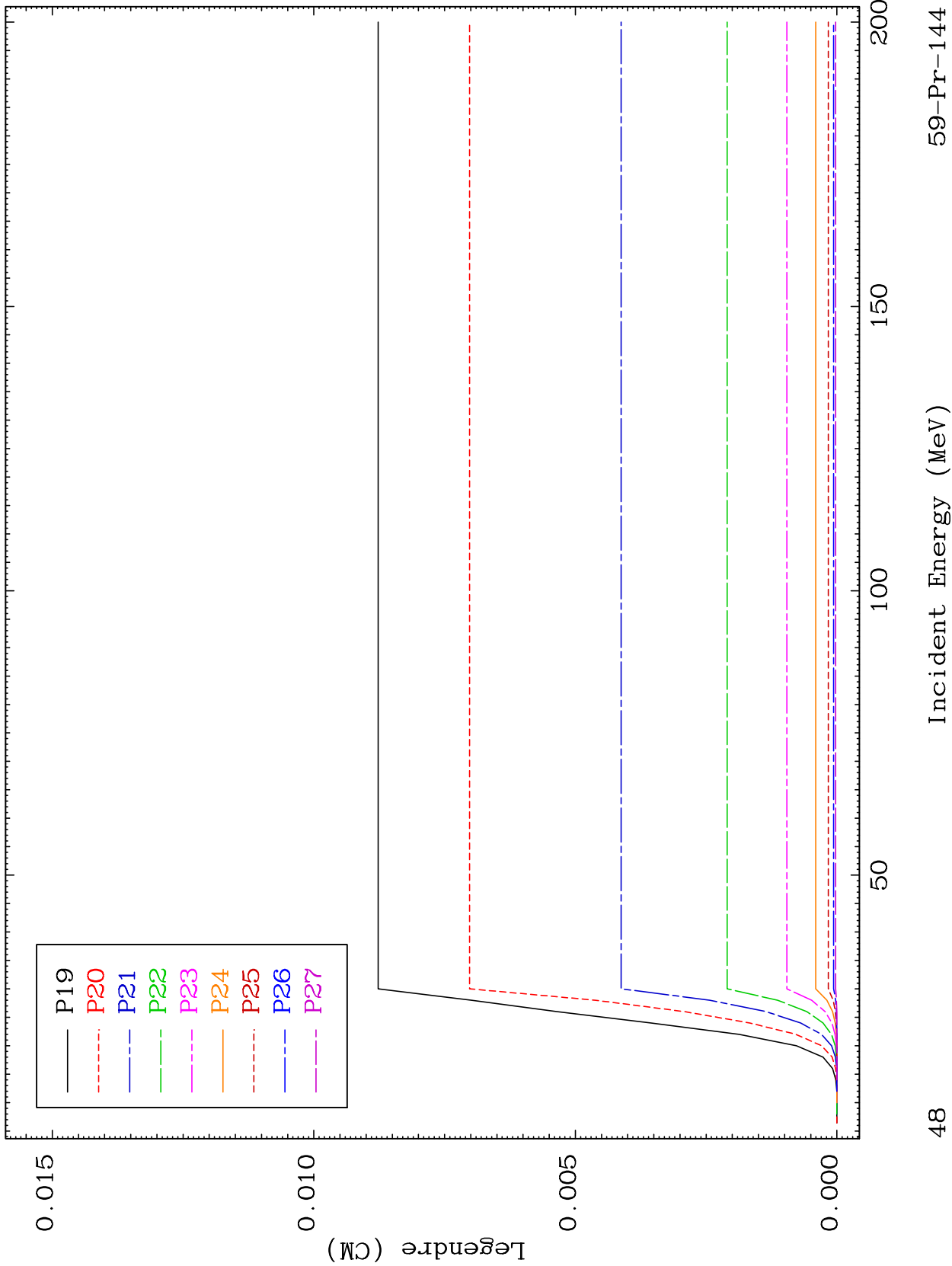
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



48

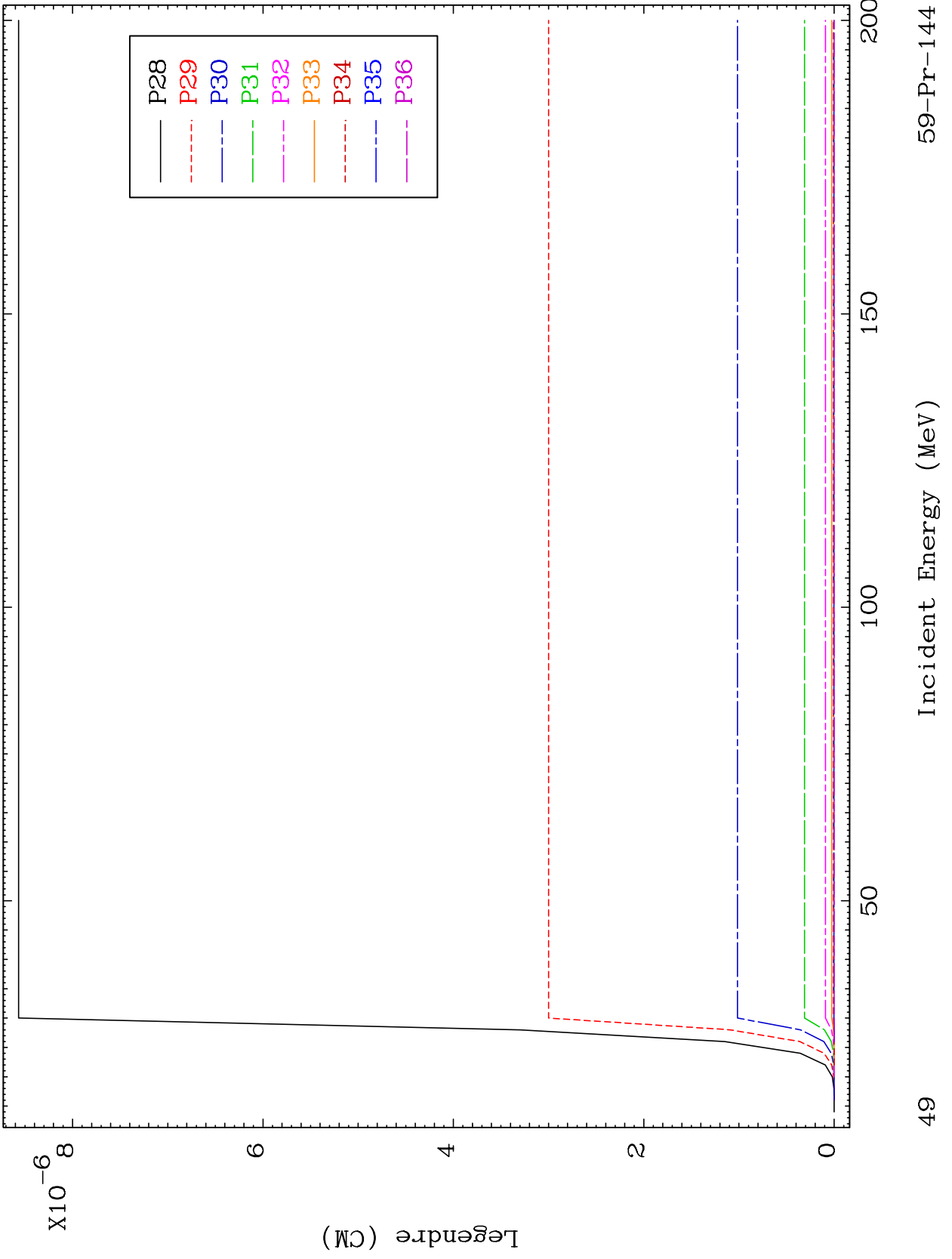
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



49

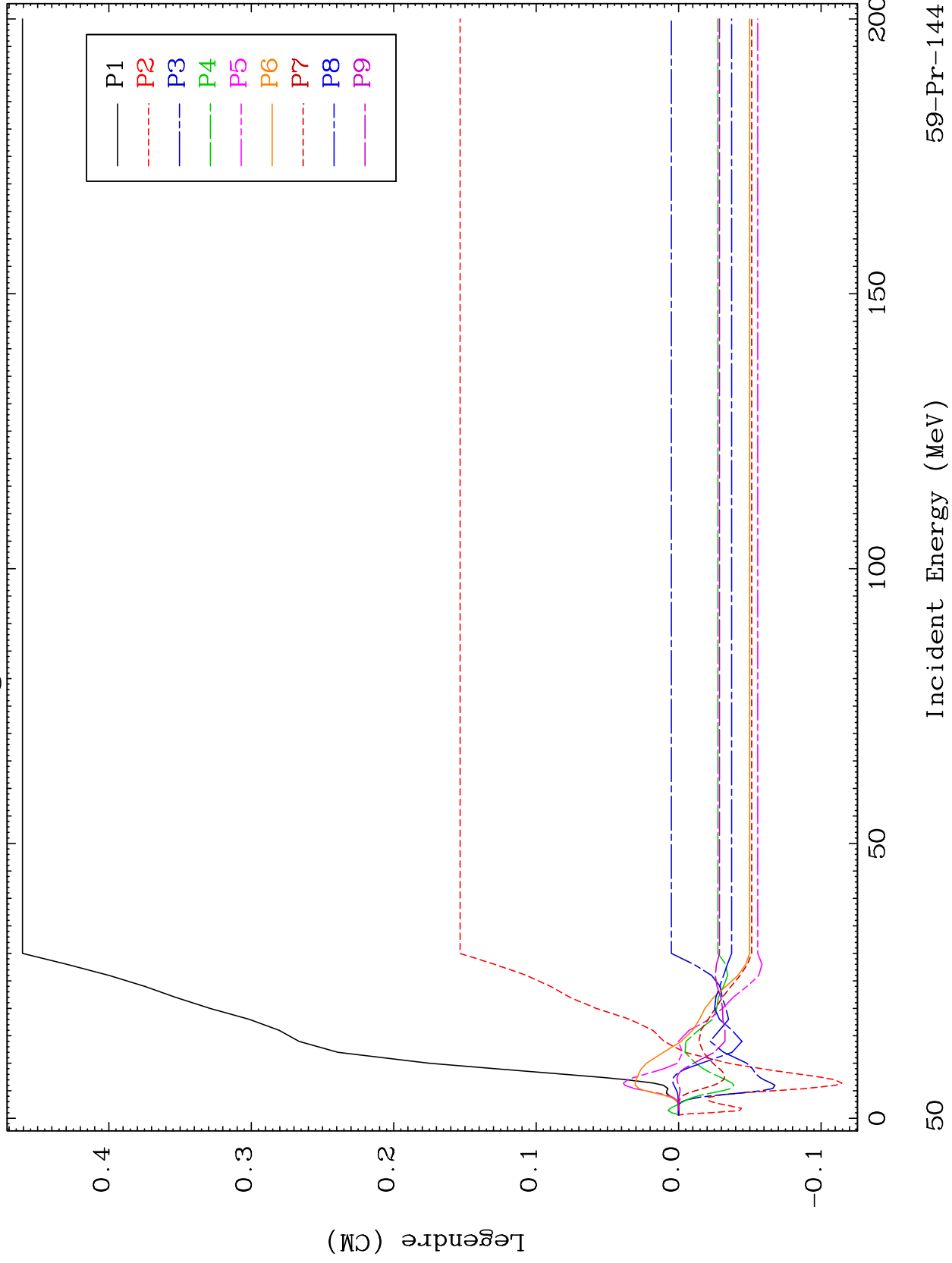
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

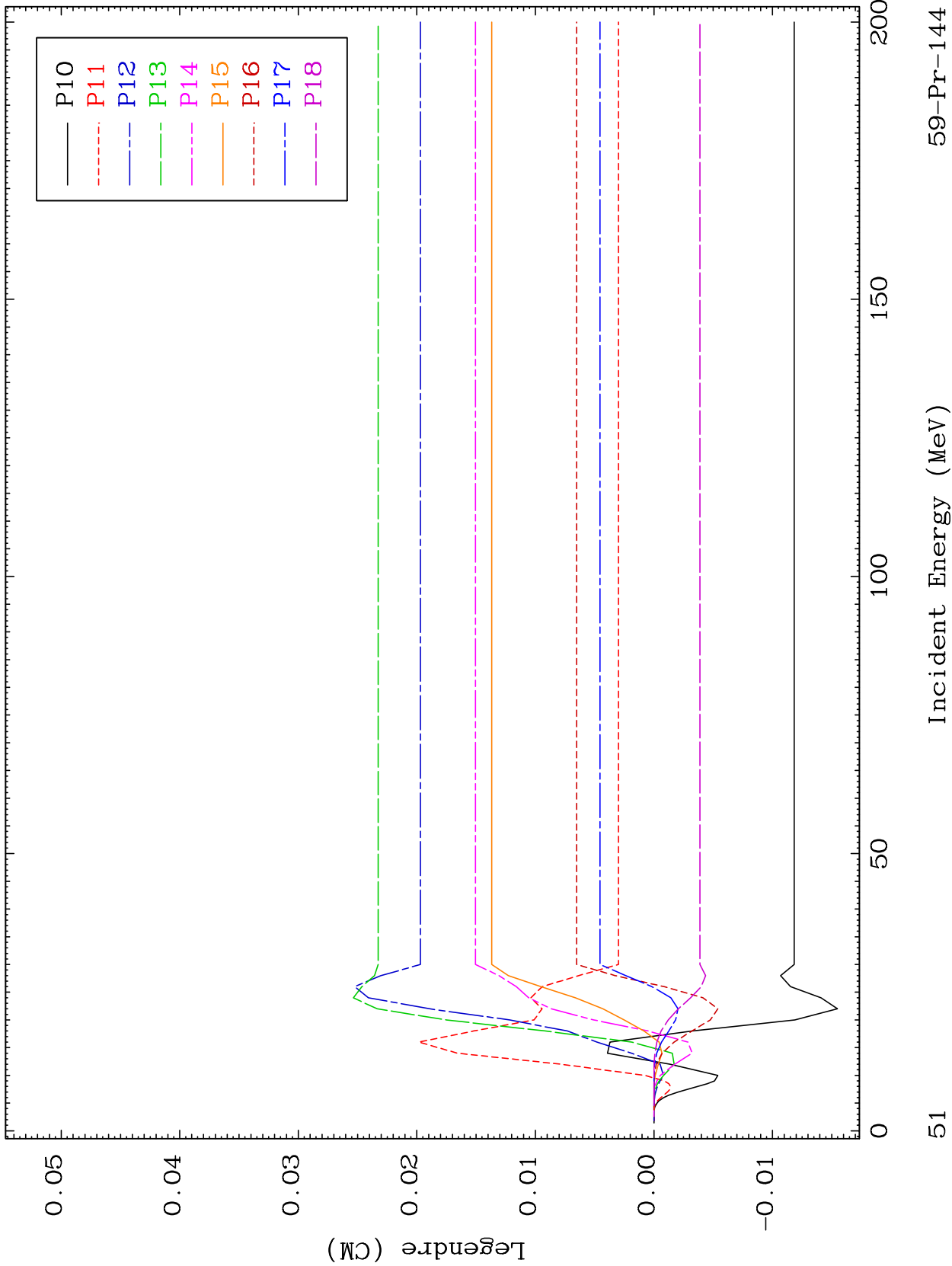
59-Pr-144



MAT 5934

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

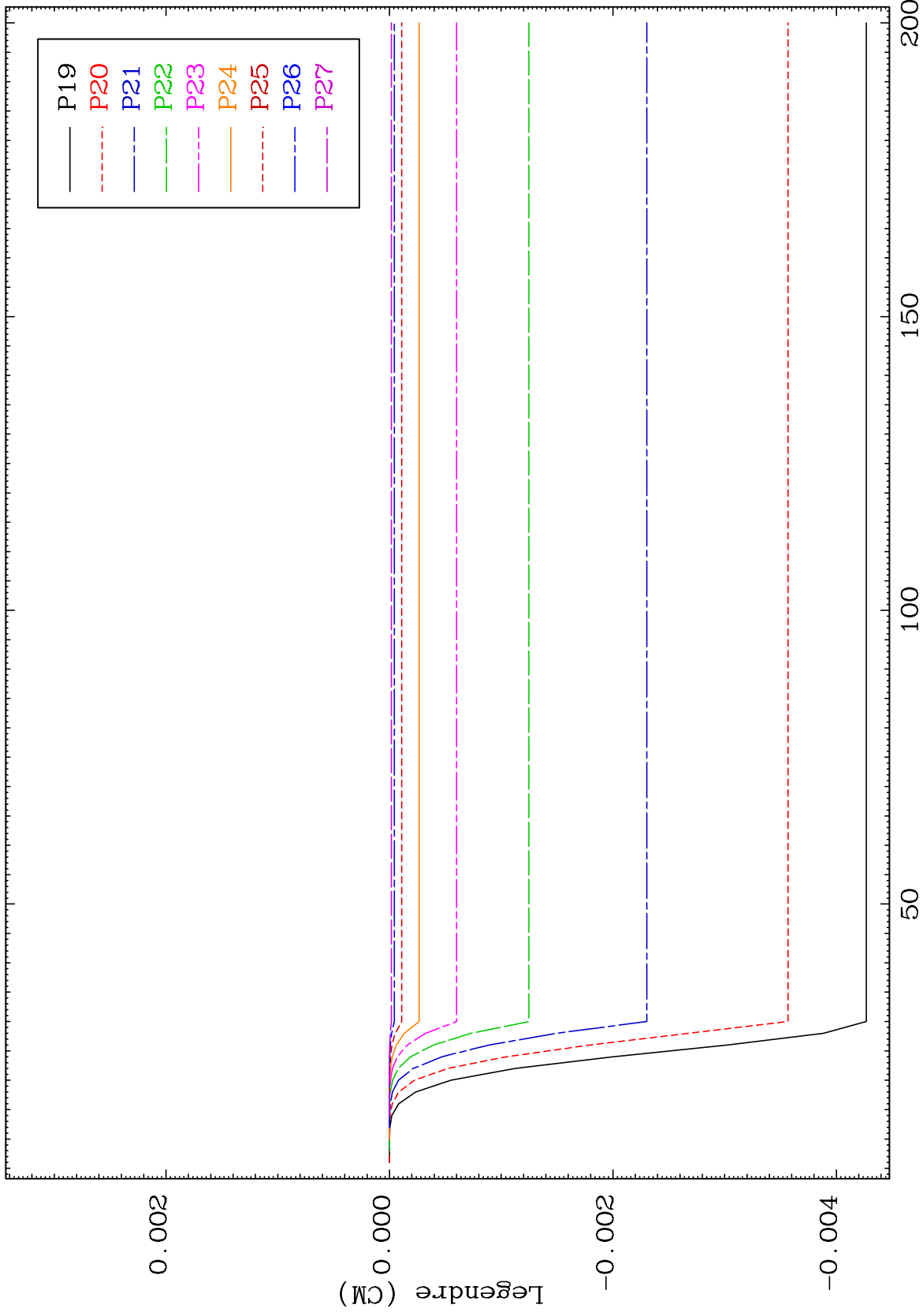
59-Pr-144



59-Pr-144

Incident Energy (MeV)

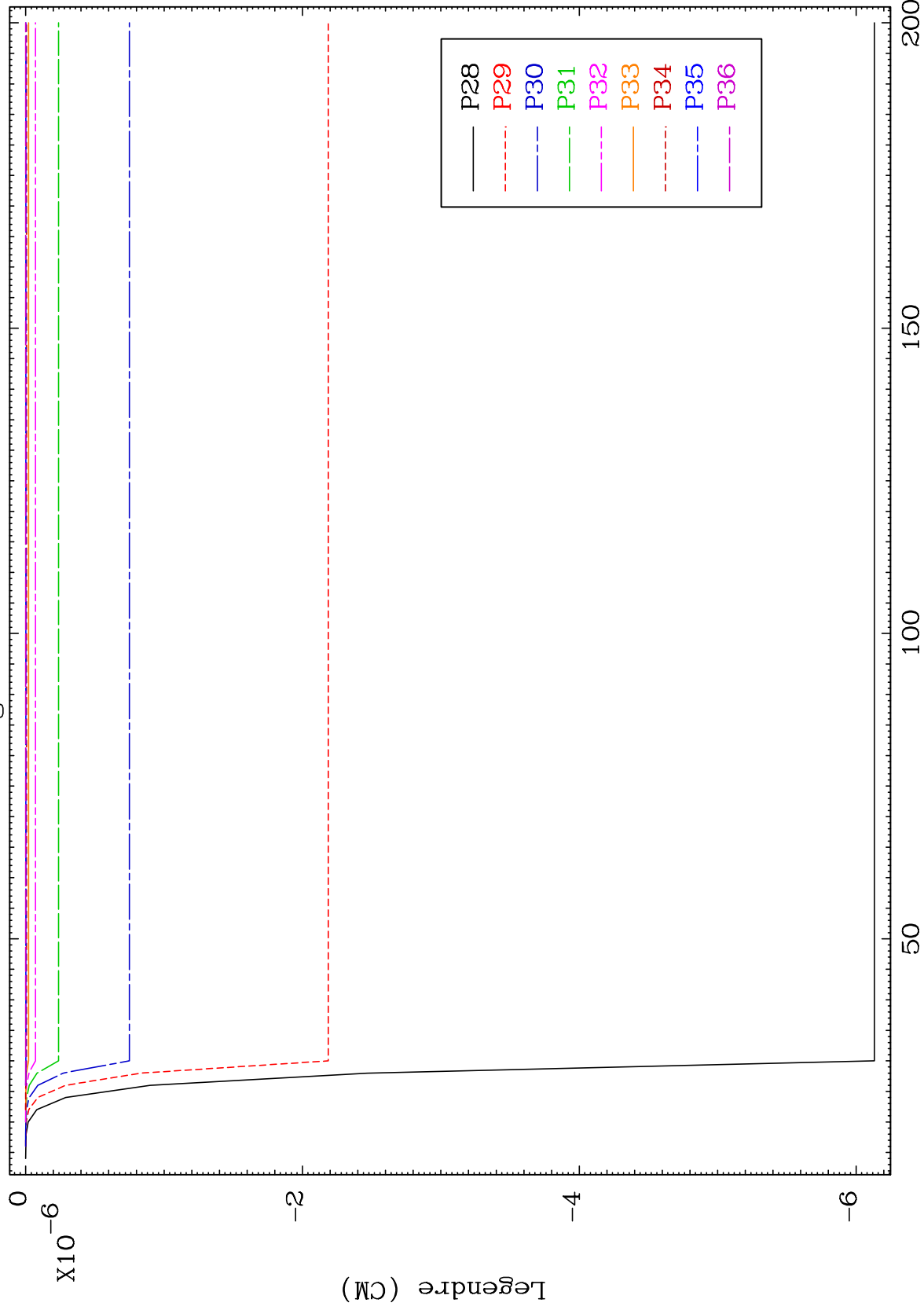
51



MAT 5934

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

59-Pr-144



53

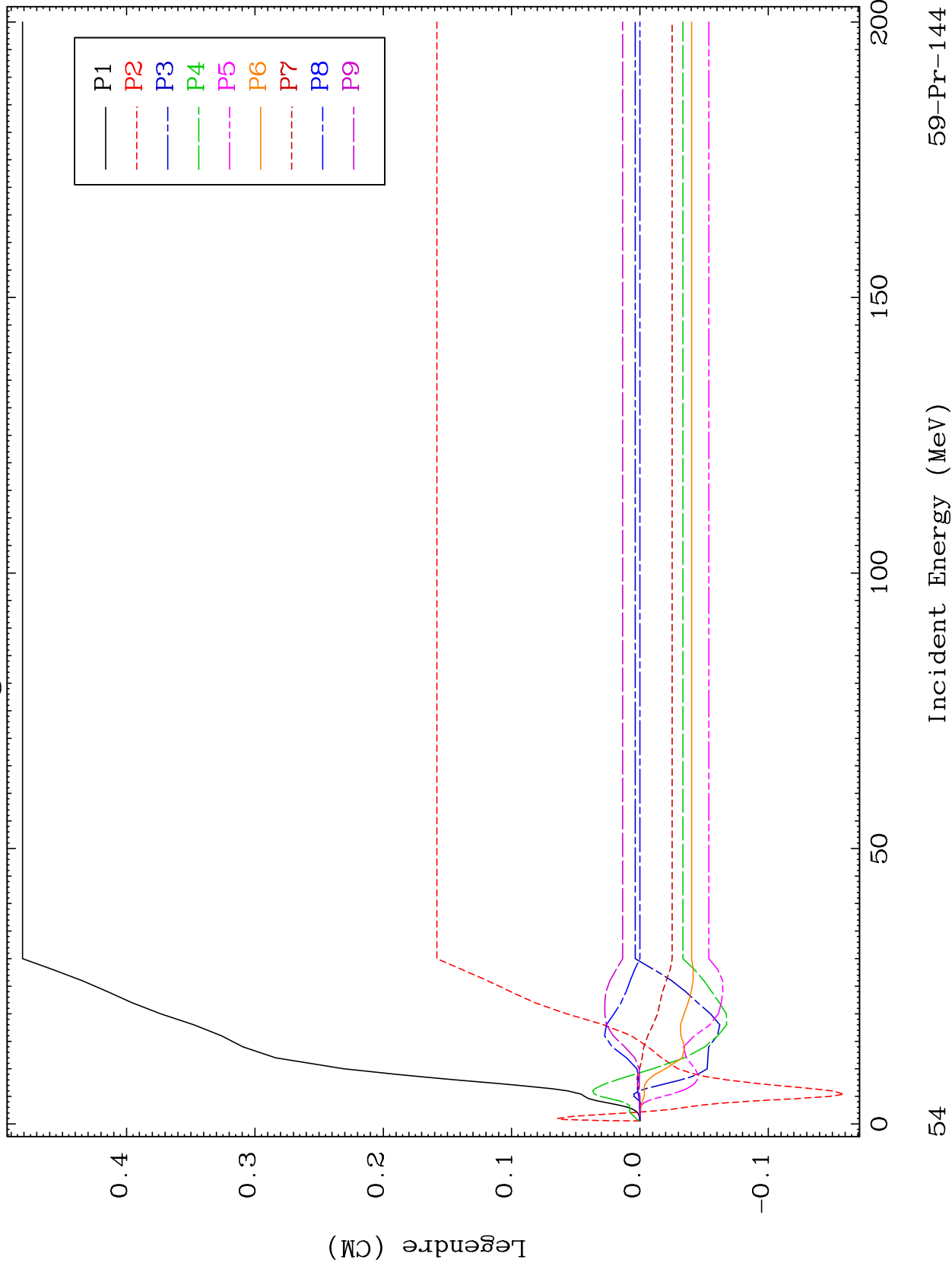
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

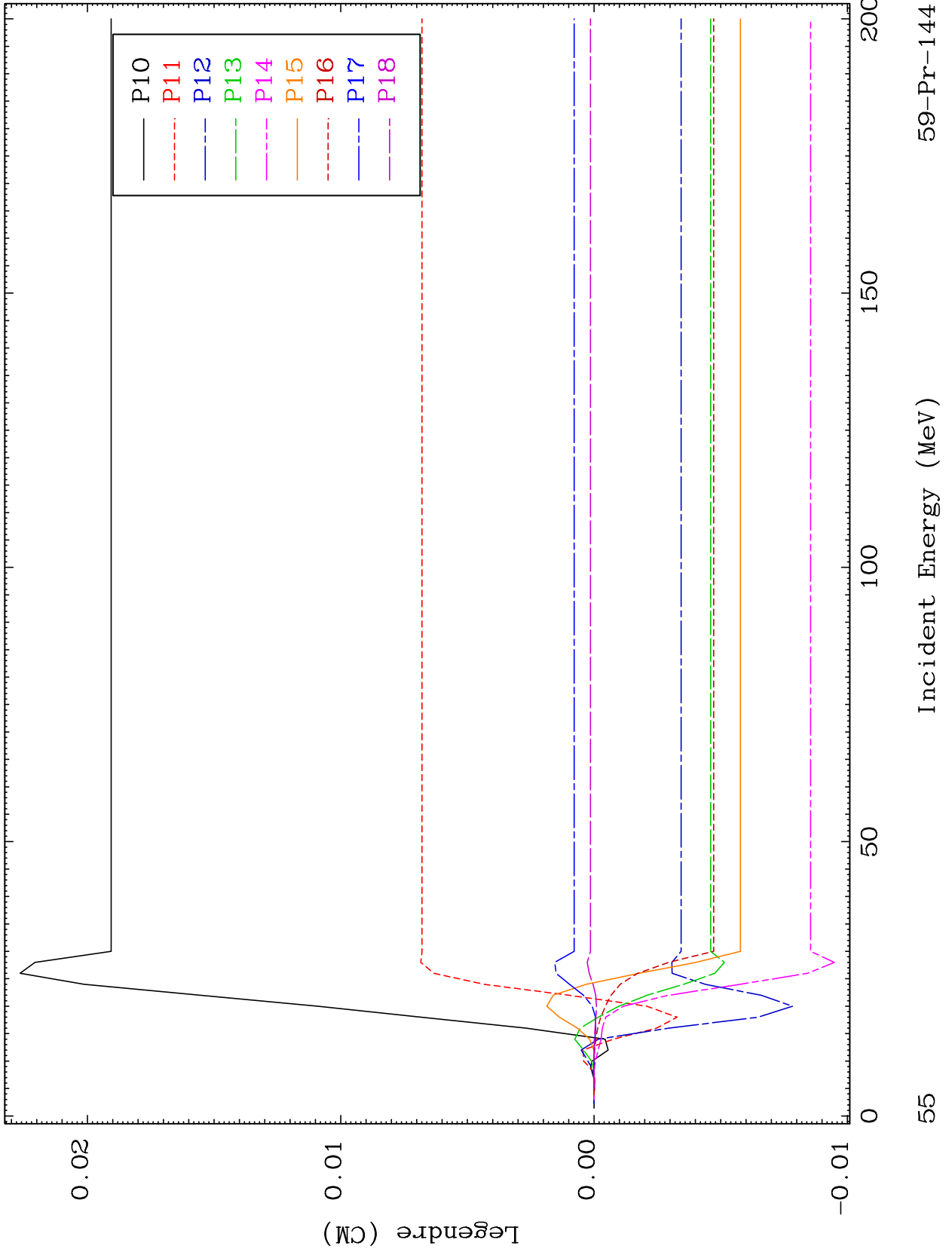
Incident Energy (MeV)

54

MAT 5934

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

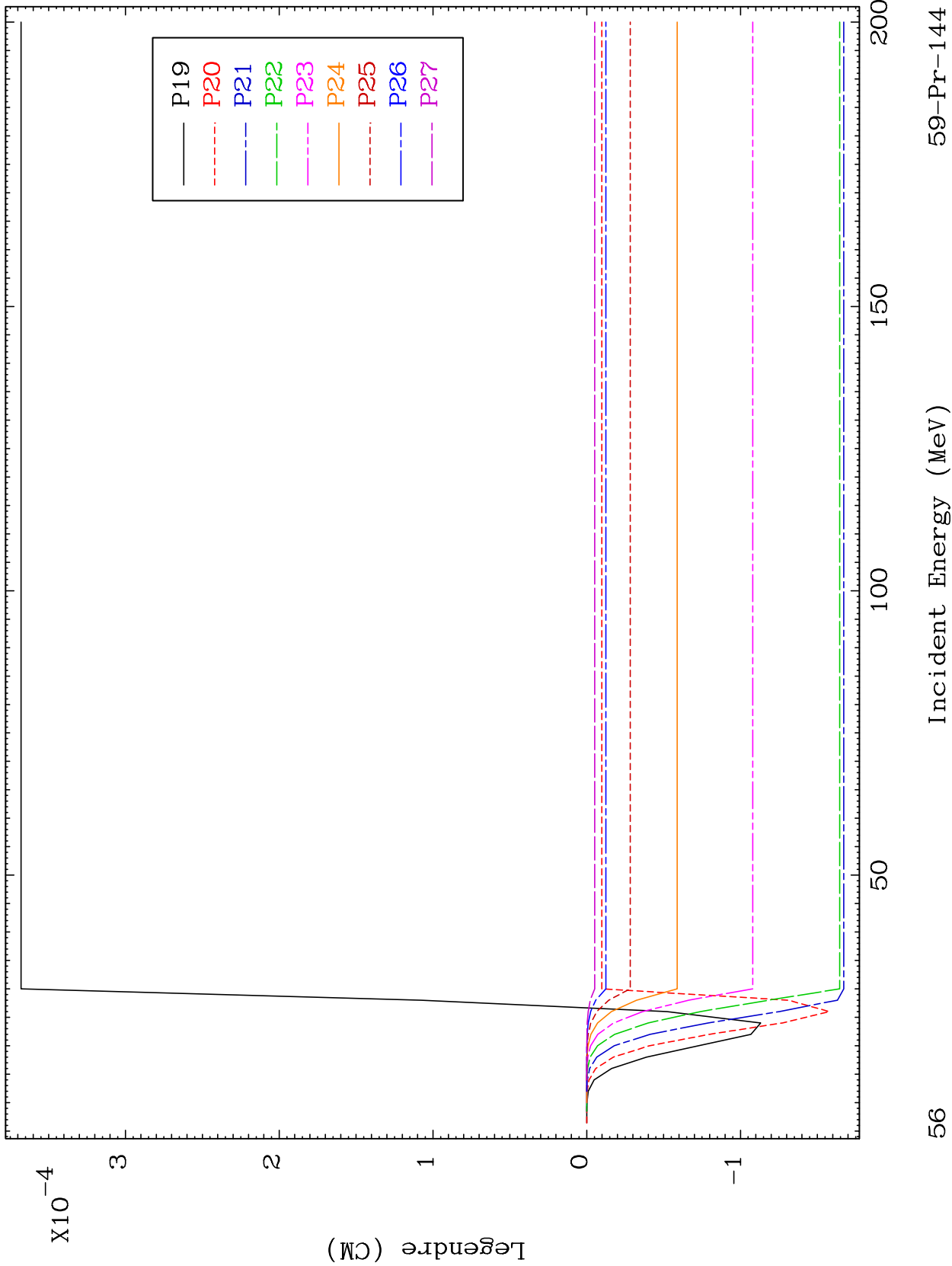
59-Pr-144



55

Incident Energy (MeV)

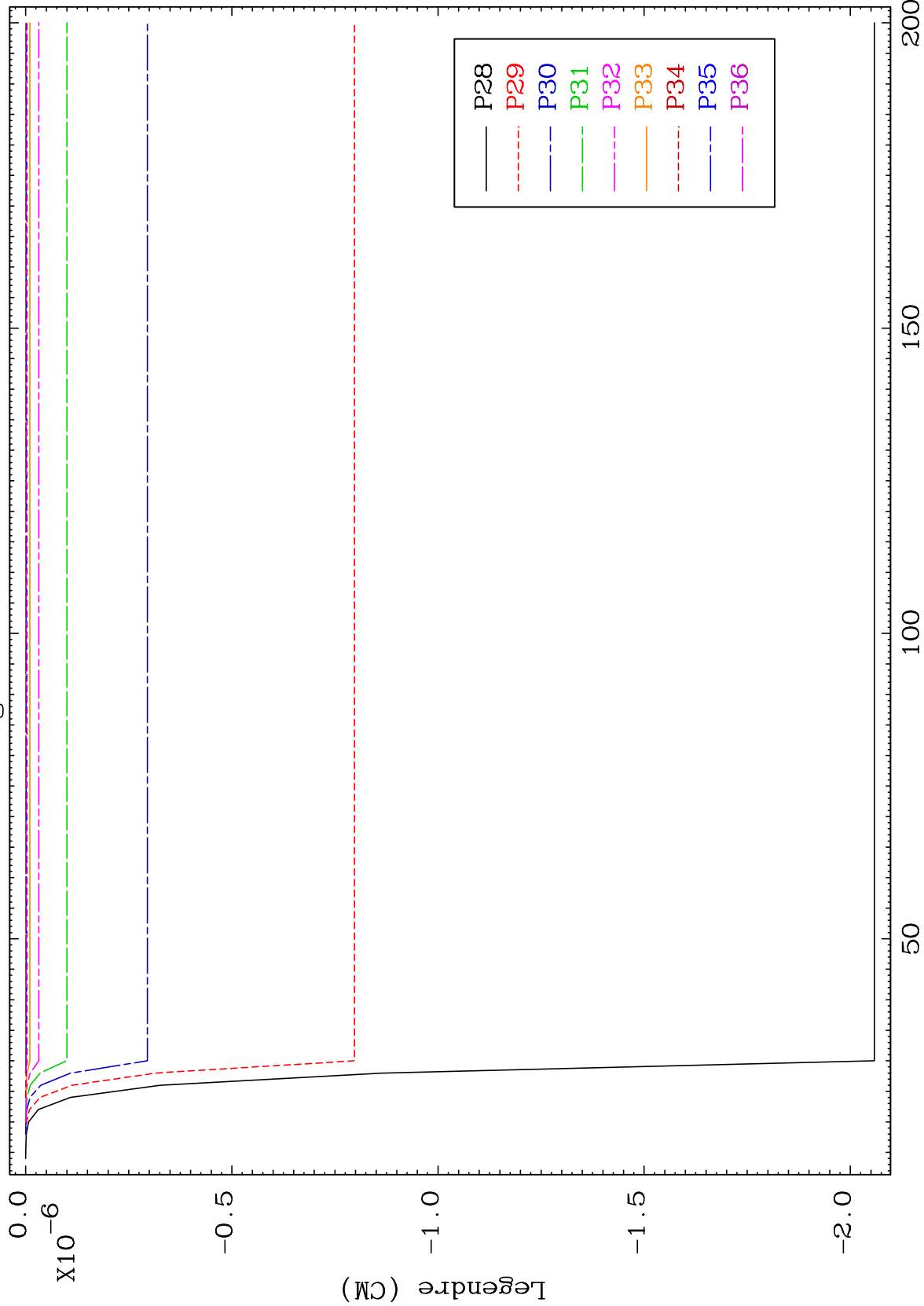
59-Pr-144



MAT 5934

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

59-Pr-144



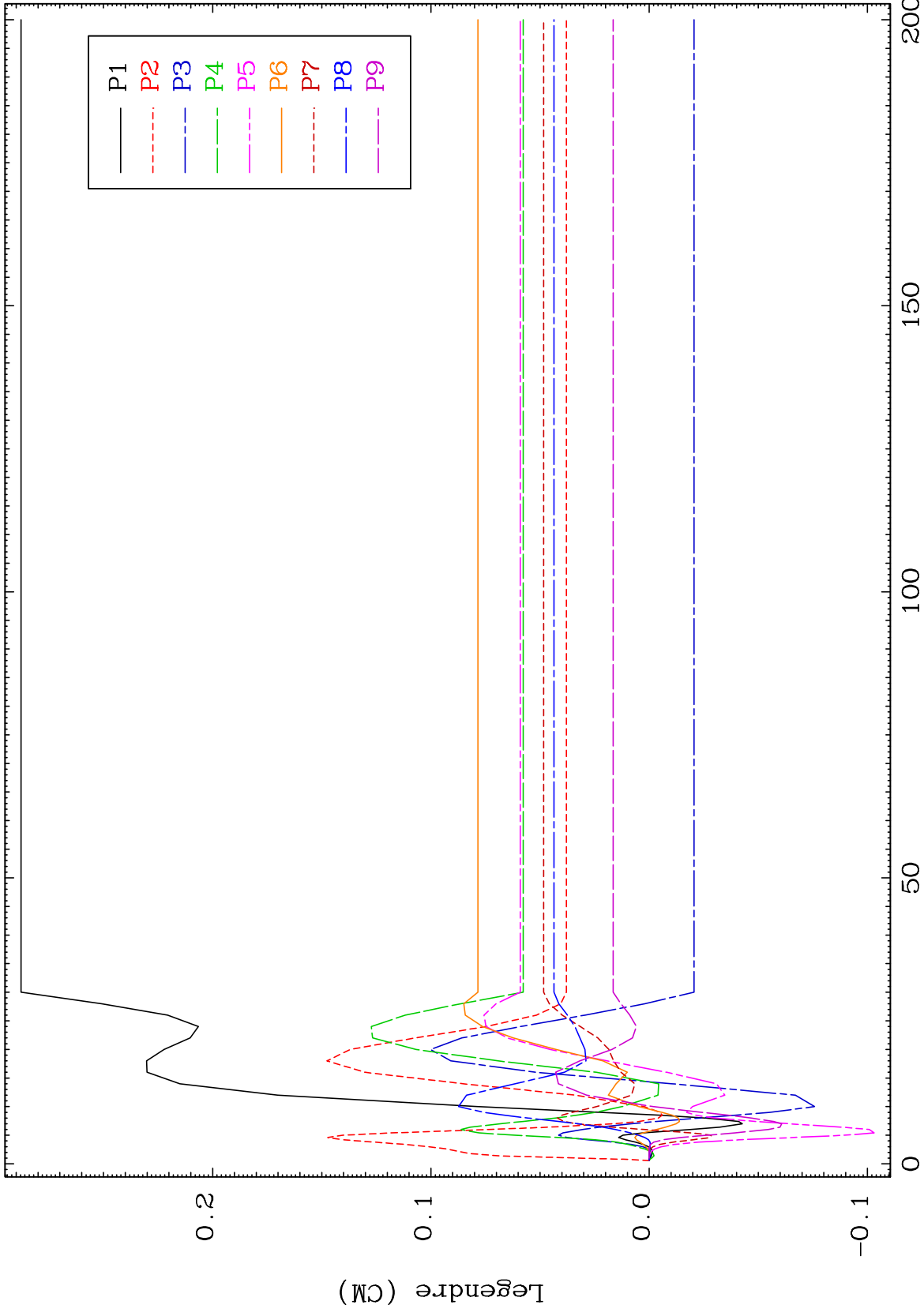
57

59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

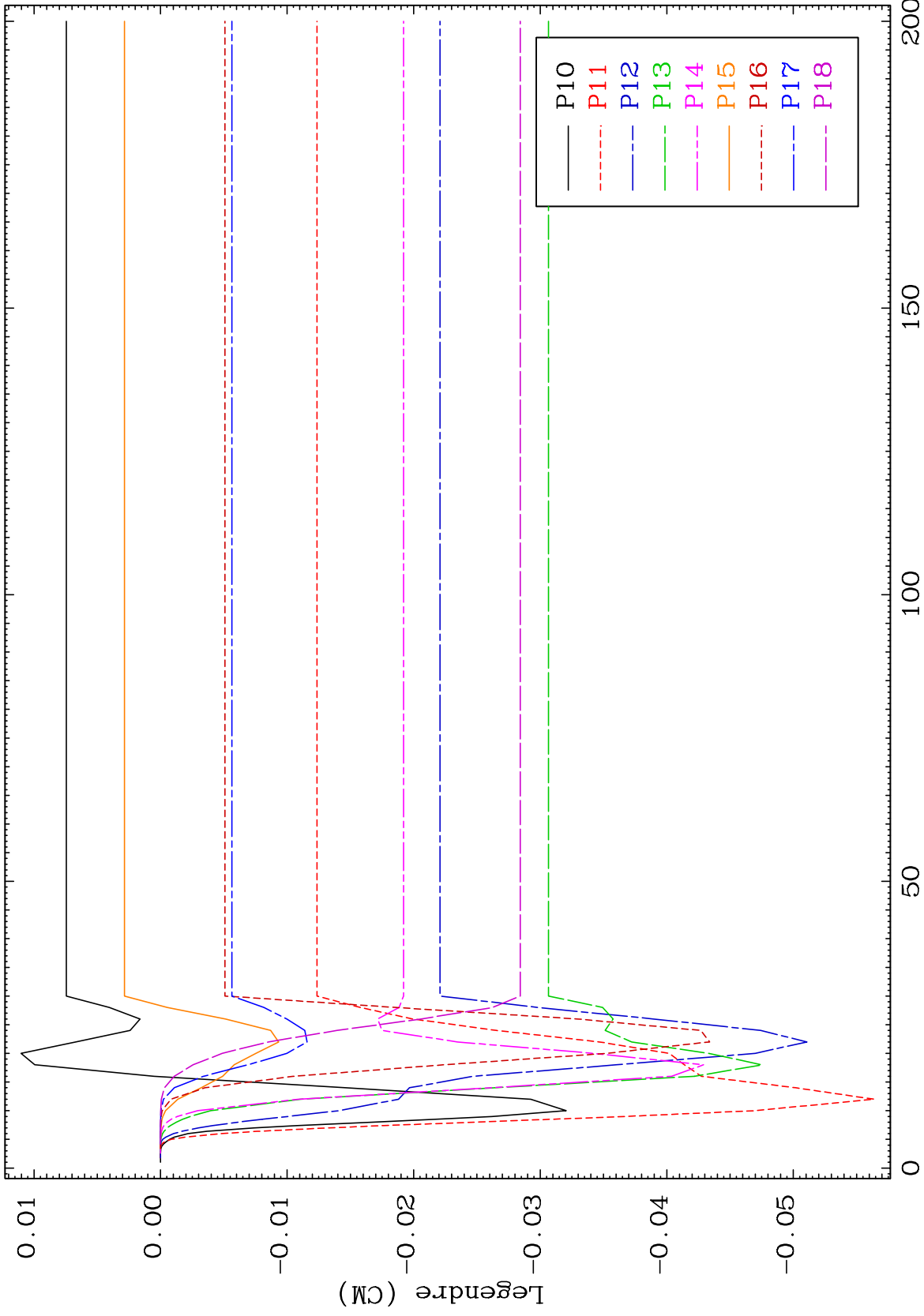
Incident Energy (MeV)

58

MAT 5934

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

59-Pr-144



59

Incident Energy (MeV)

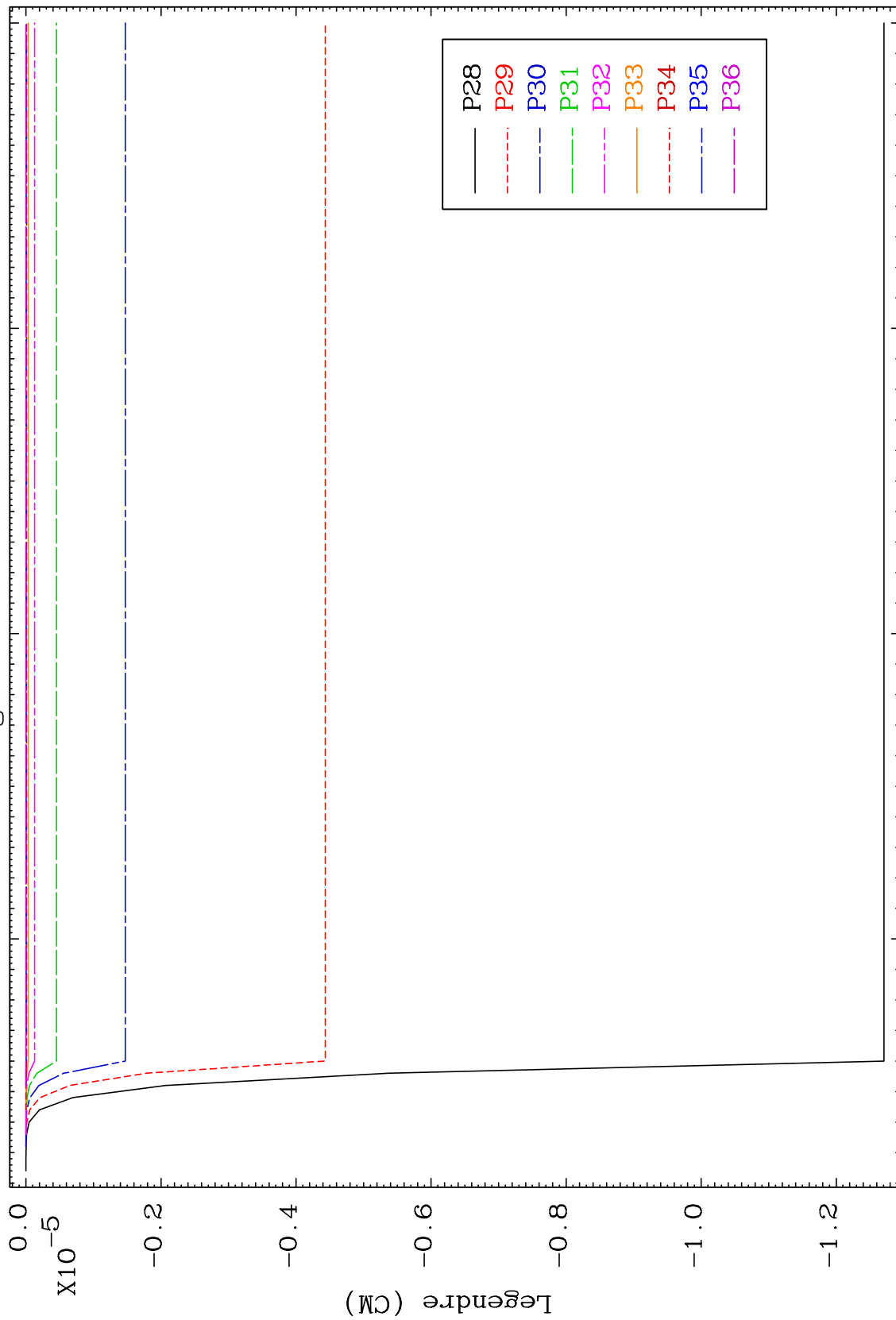
59-Pr-144

MAT 5934

MT= 61 (n,n') Level

59-Pr-144

Legendre Coefficients



59-Pr-144

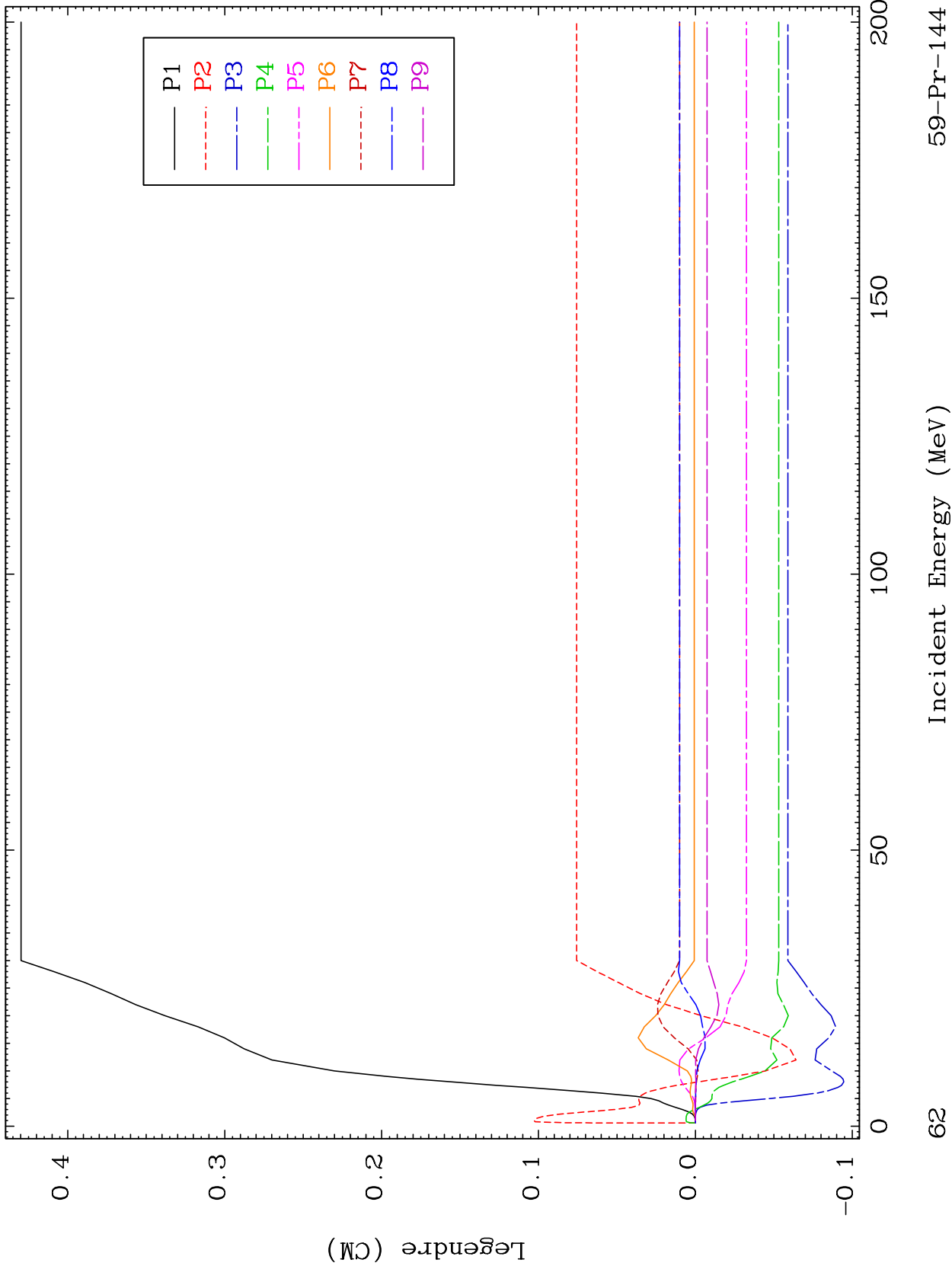
Incident Energy (MeV)

61

MAT 5934

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

59-Pr-144



59-Pr-144

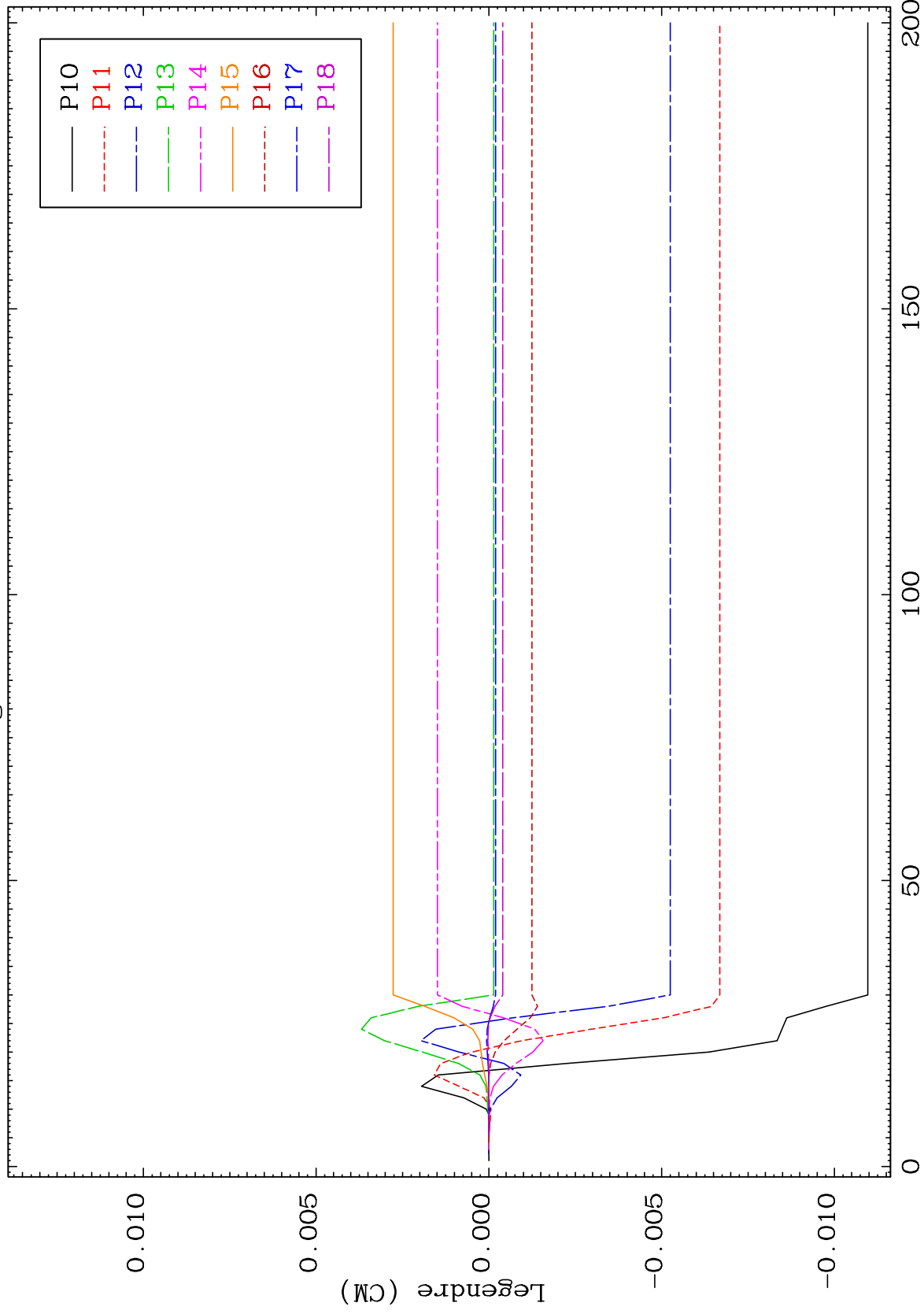
Incident Energy (MeV)

62

MAT 5934

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

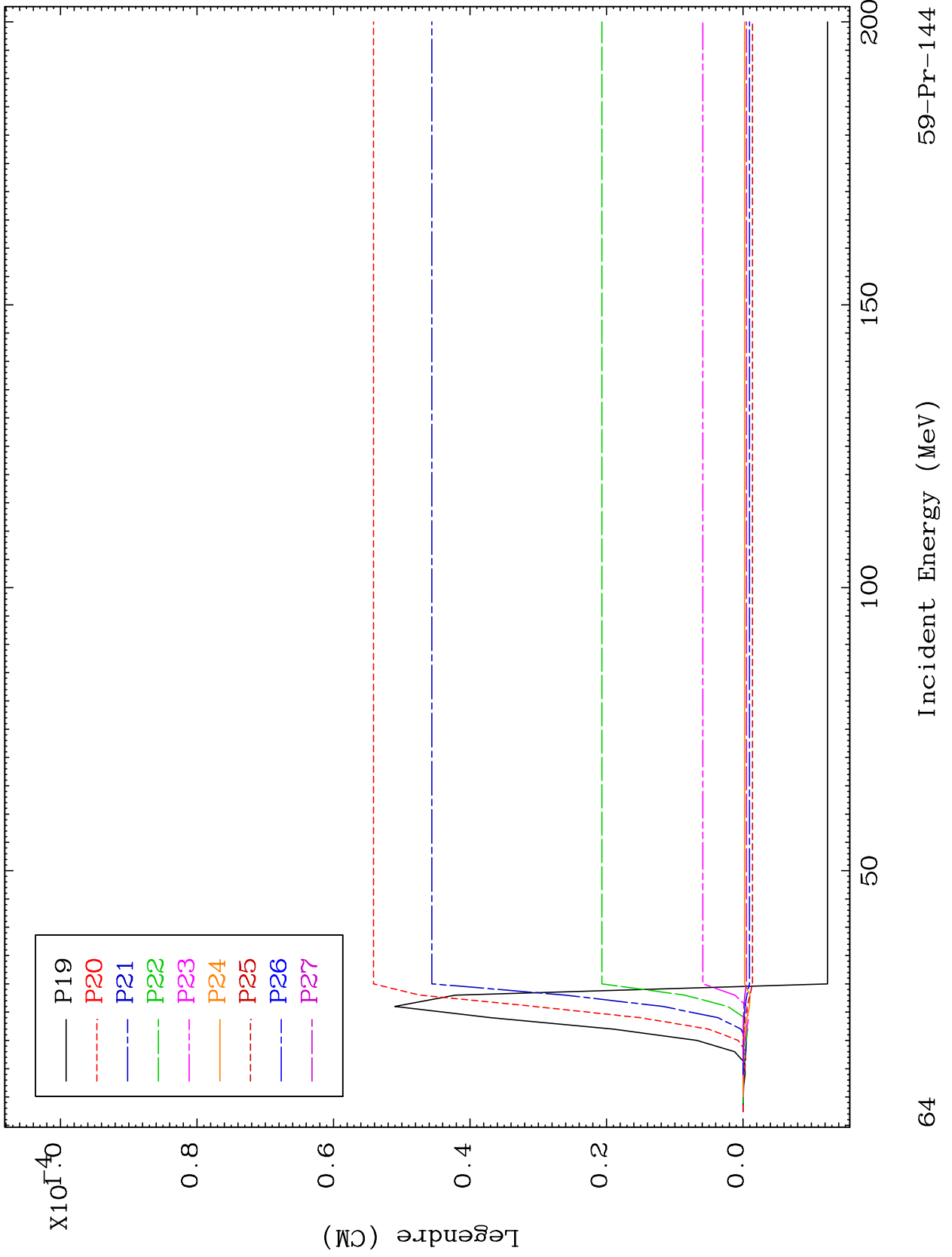
59-Pr-144



63

Incident Energy (MeV)

59-Pr-144

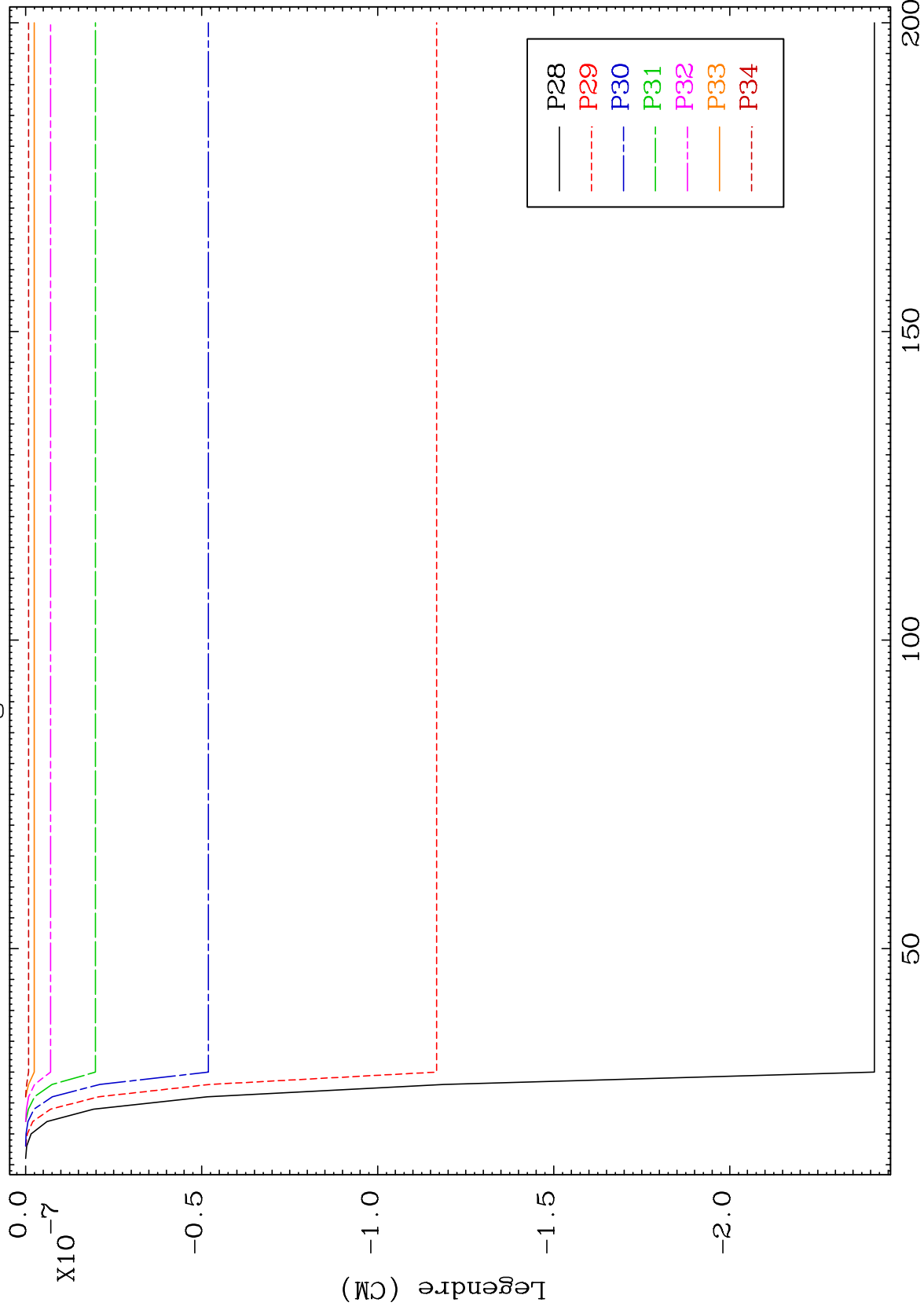


MAT 5934

MT= 62 (n,n') Level

59-Pr-144

Legendre Coefficients



65

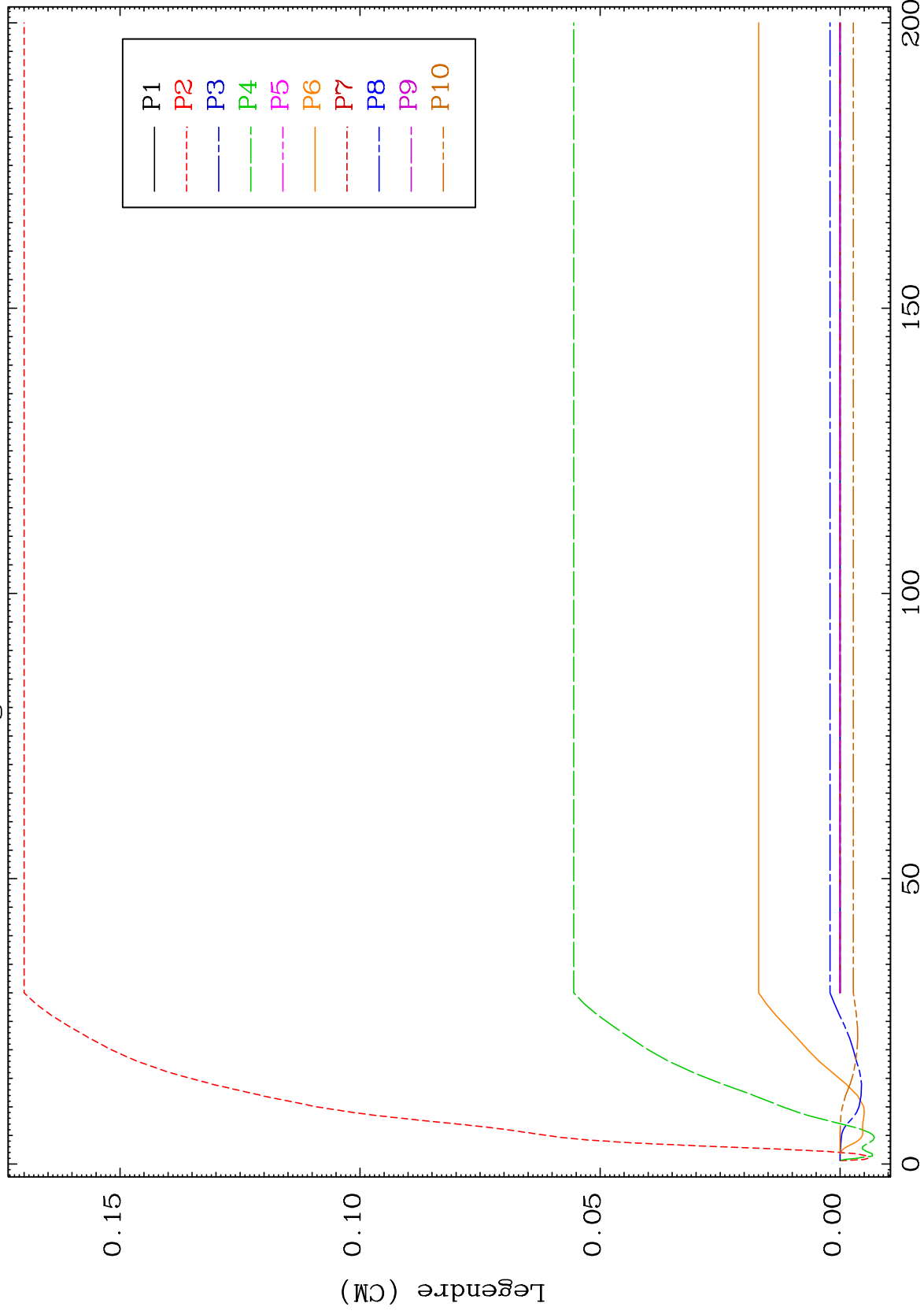
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



66

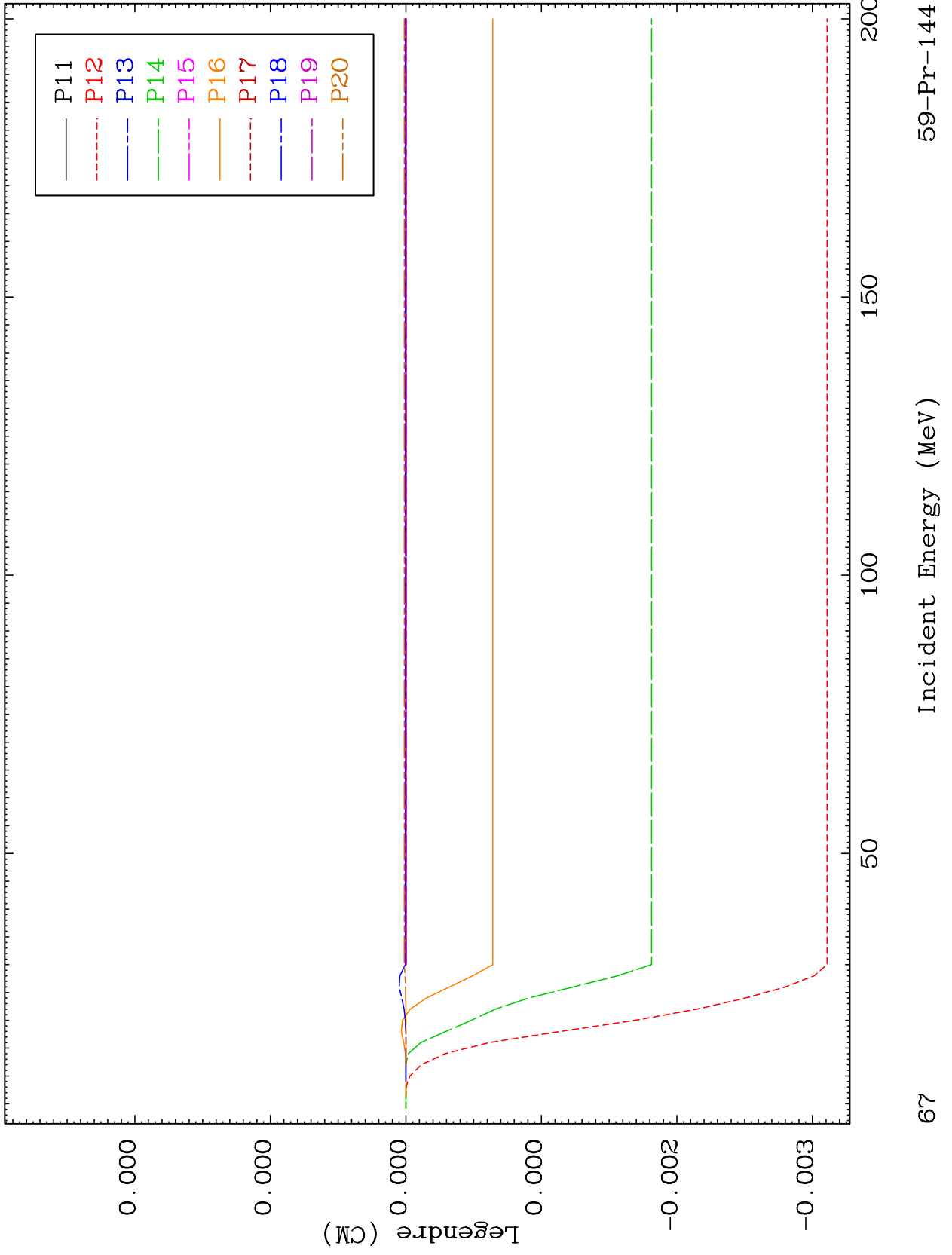
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



67

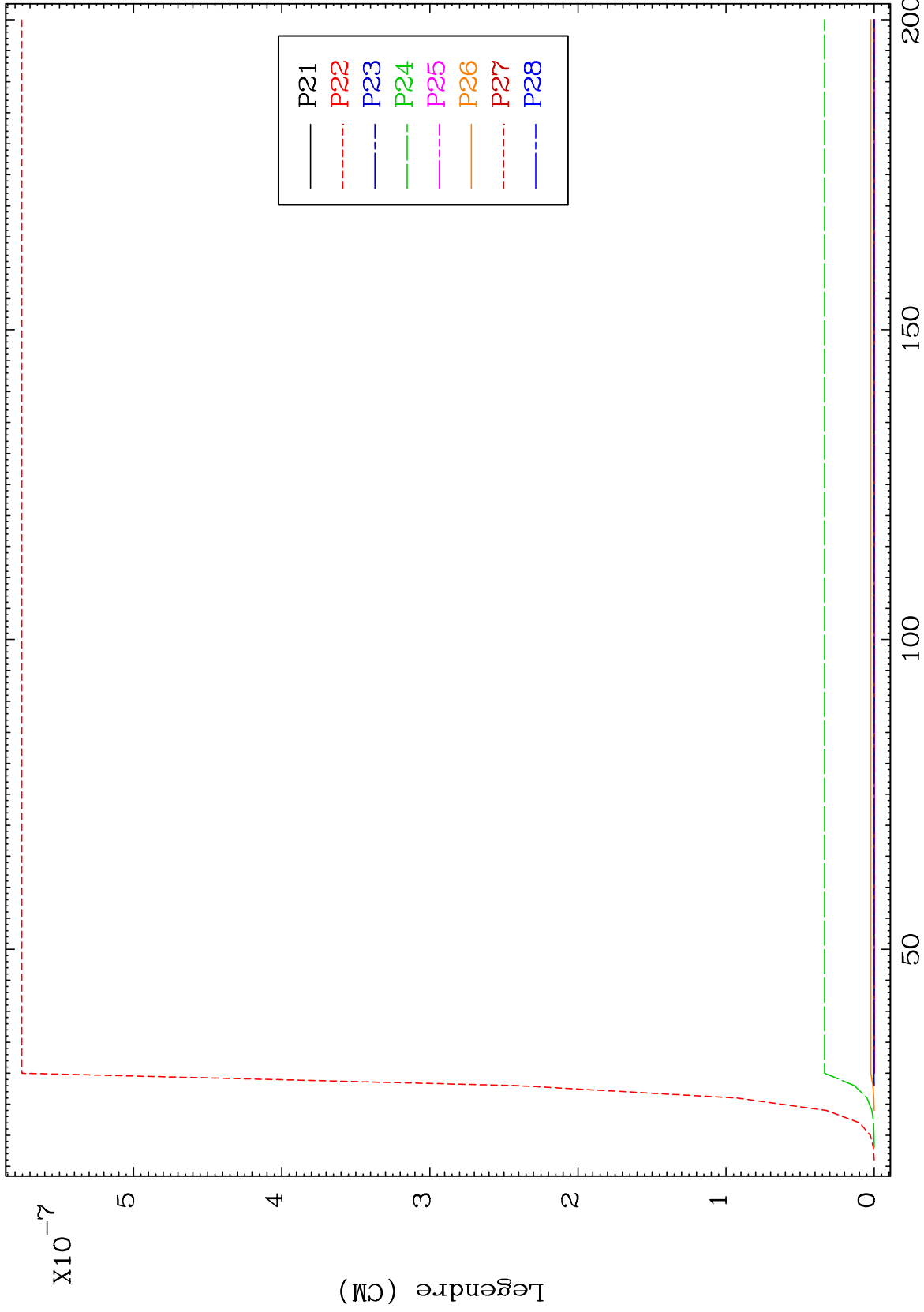
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



68

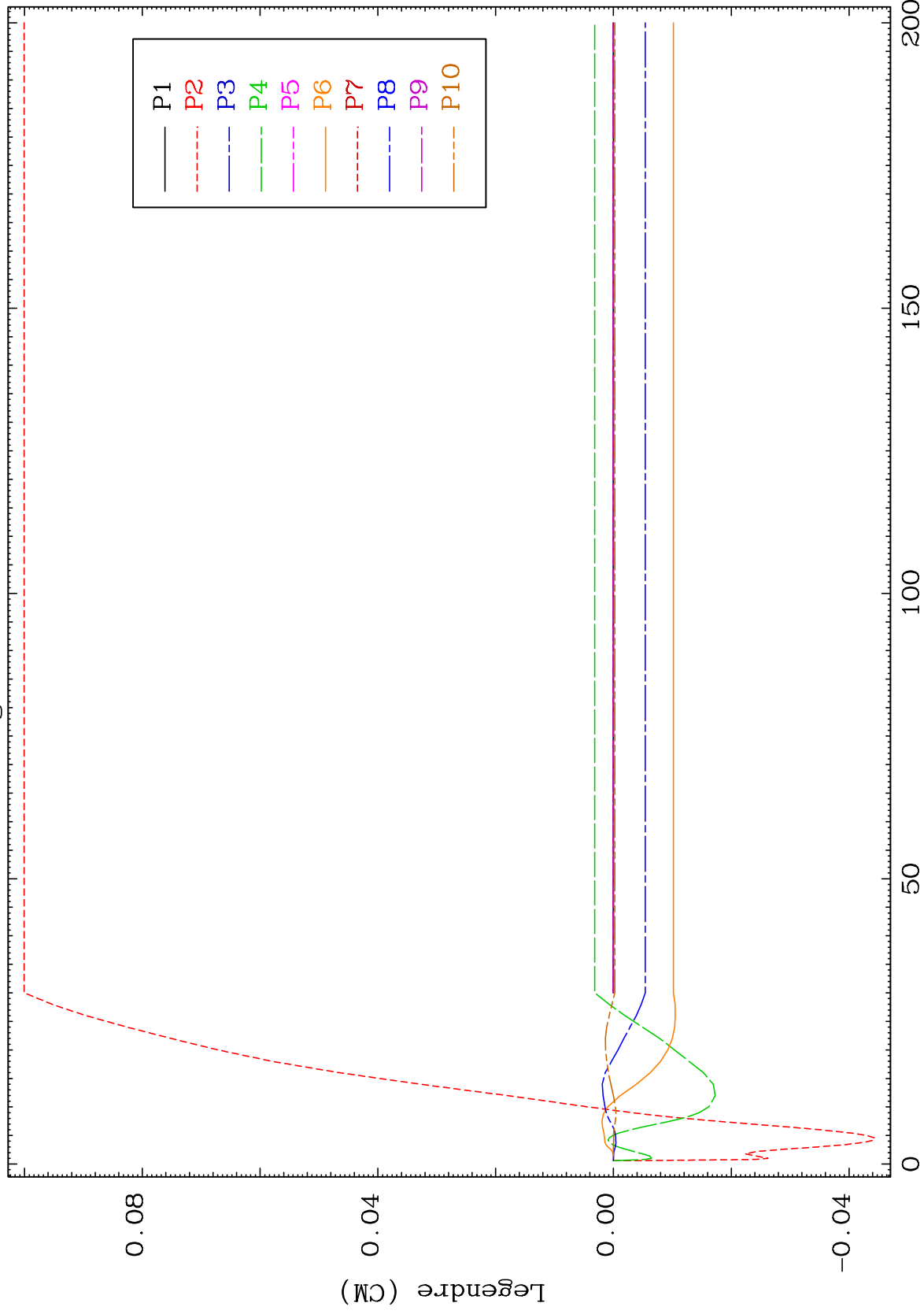
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



69

59-Pr-144

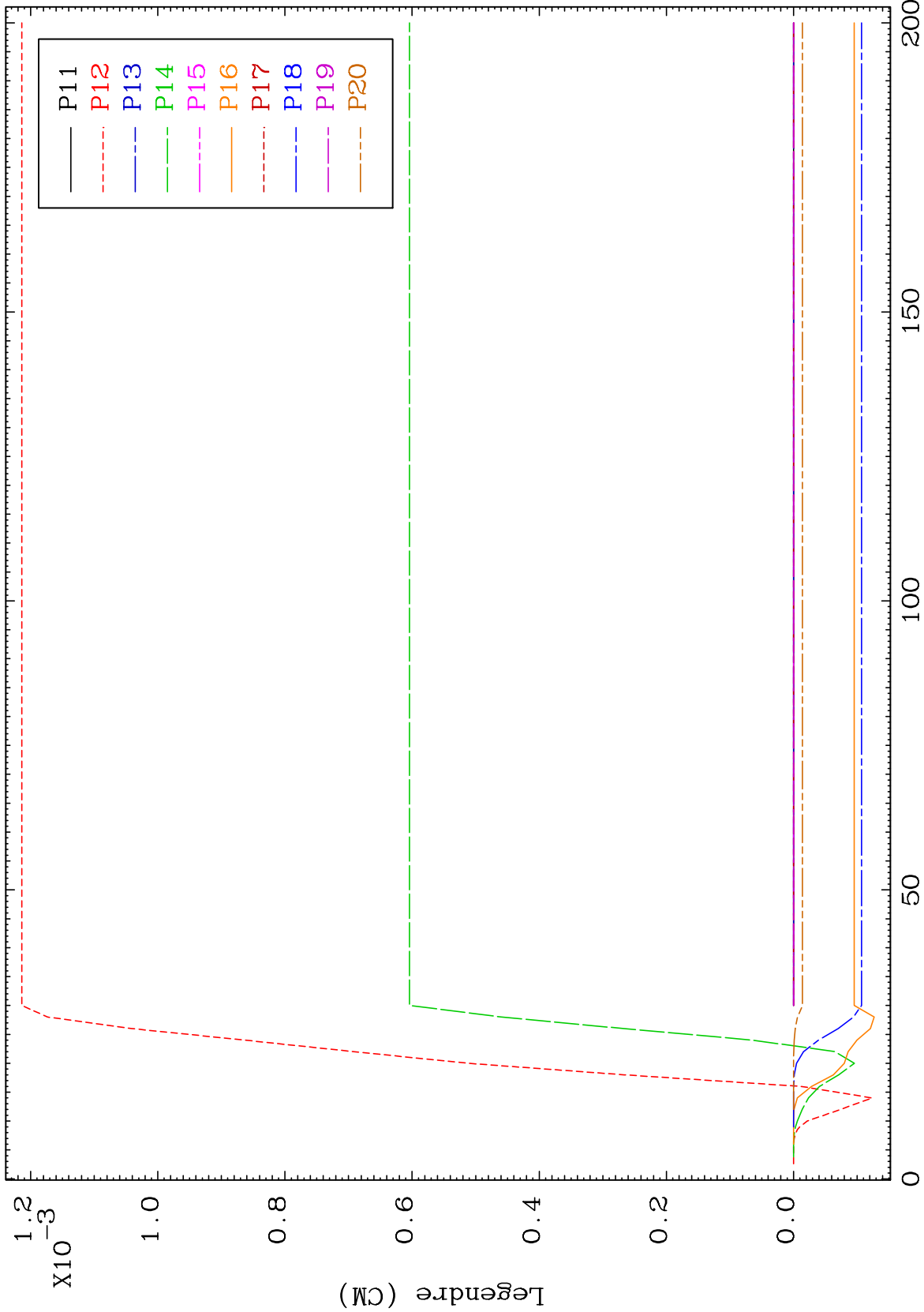
59-Pr-144

MAT 5934

MT= 64 (n,n') Level

59-Pr-144

Legendre Coefficients



59-Pr-144

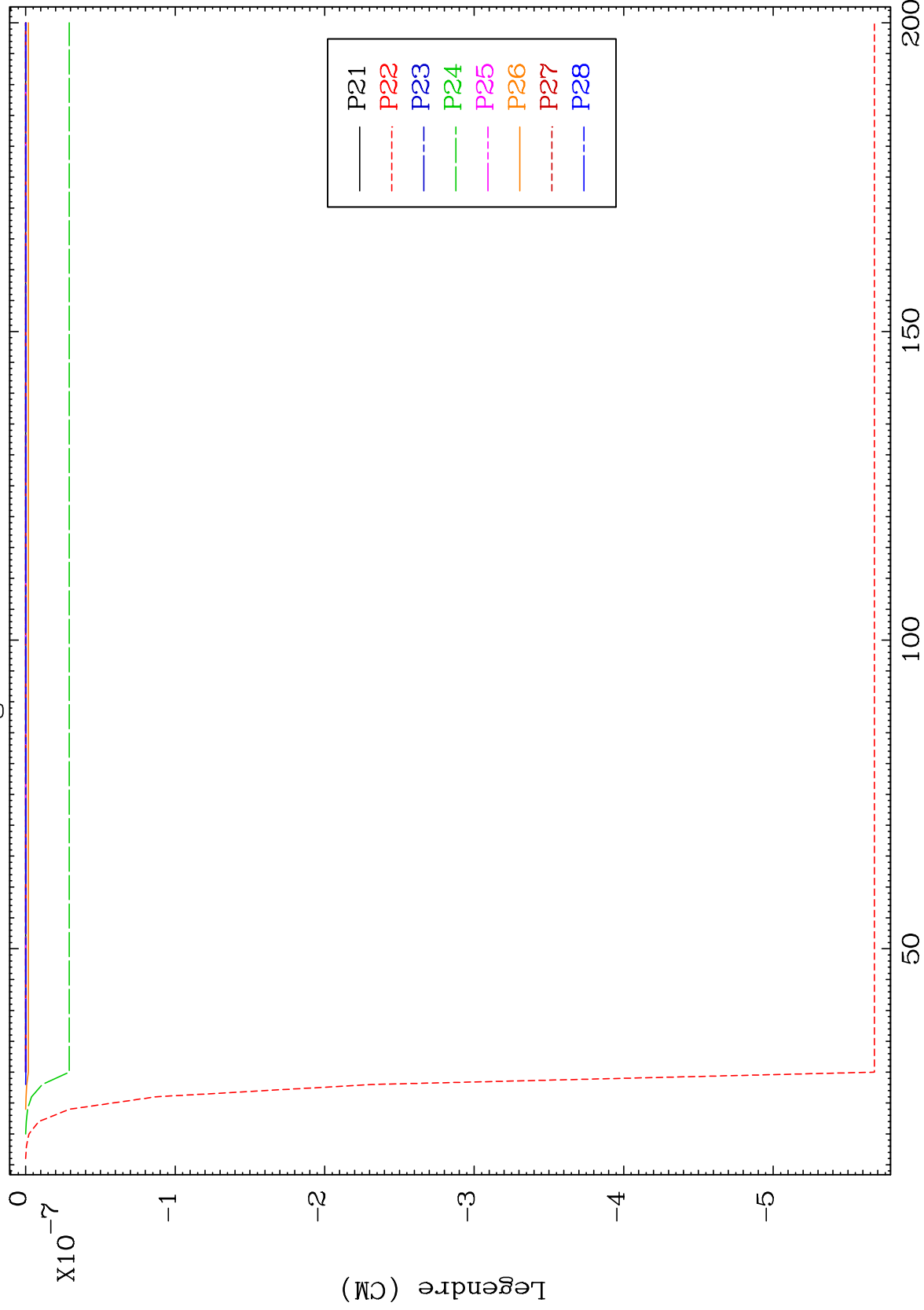
Incident Energy (MeV)

70

MAT 5934

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

59-Pr-144



71

Incident Energy (MeV)

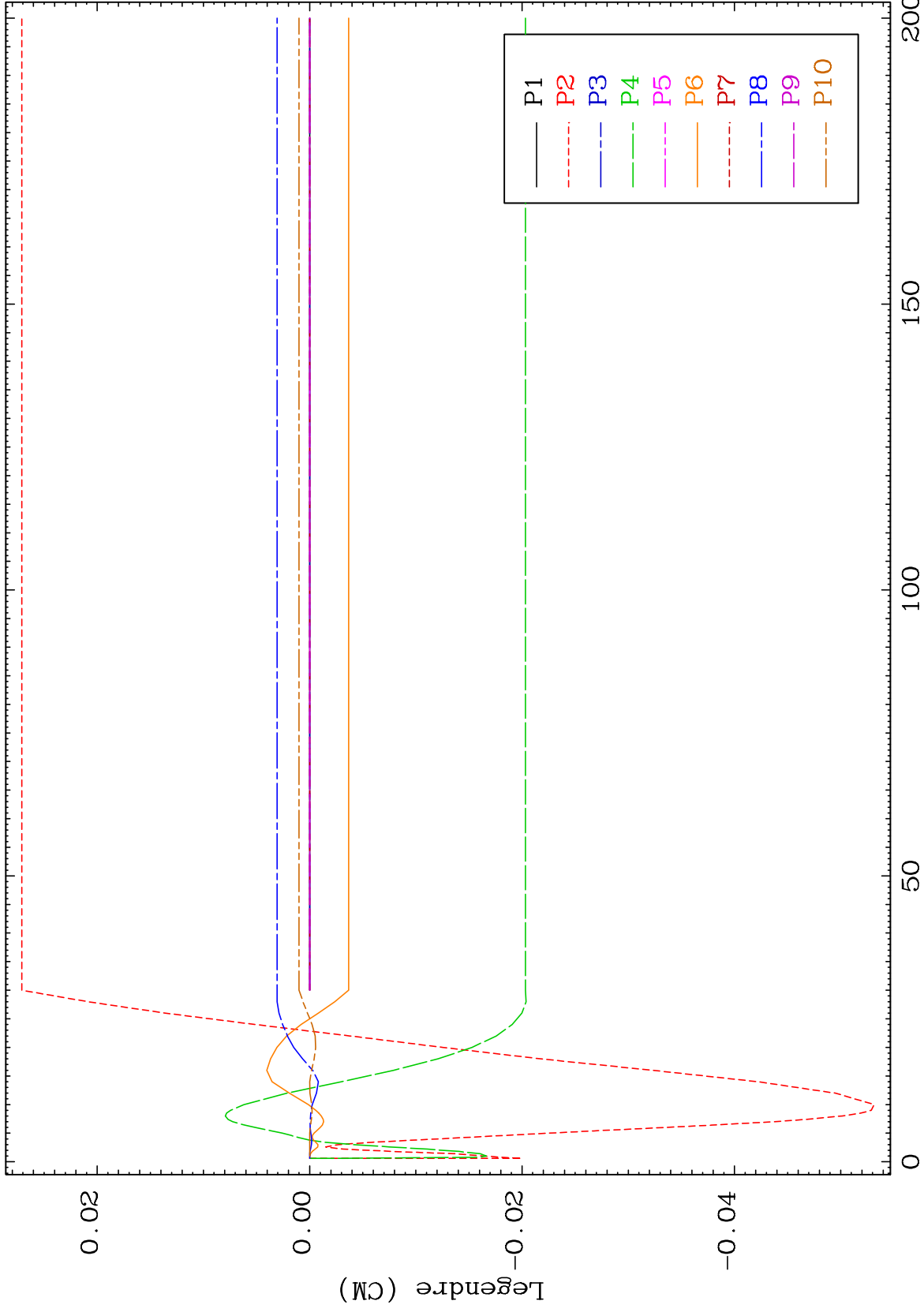
59-Pr-144

MAT 5934

MT= 65 (n,n') Level

59-Pr-144

Legendre Coefficients



72

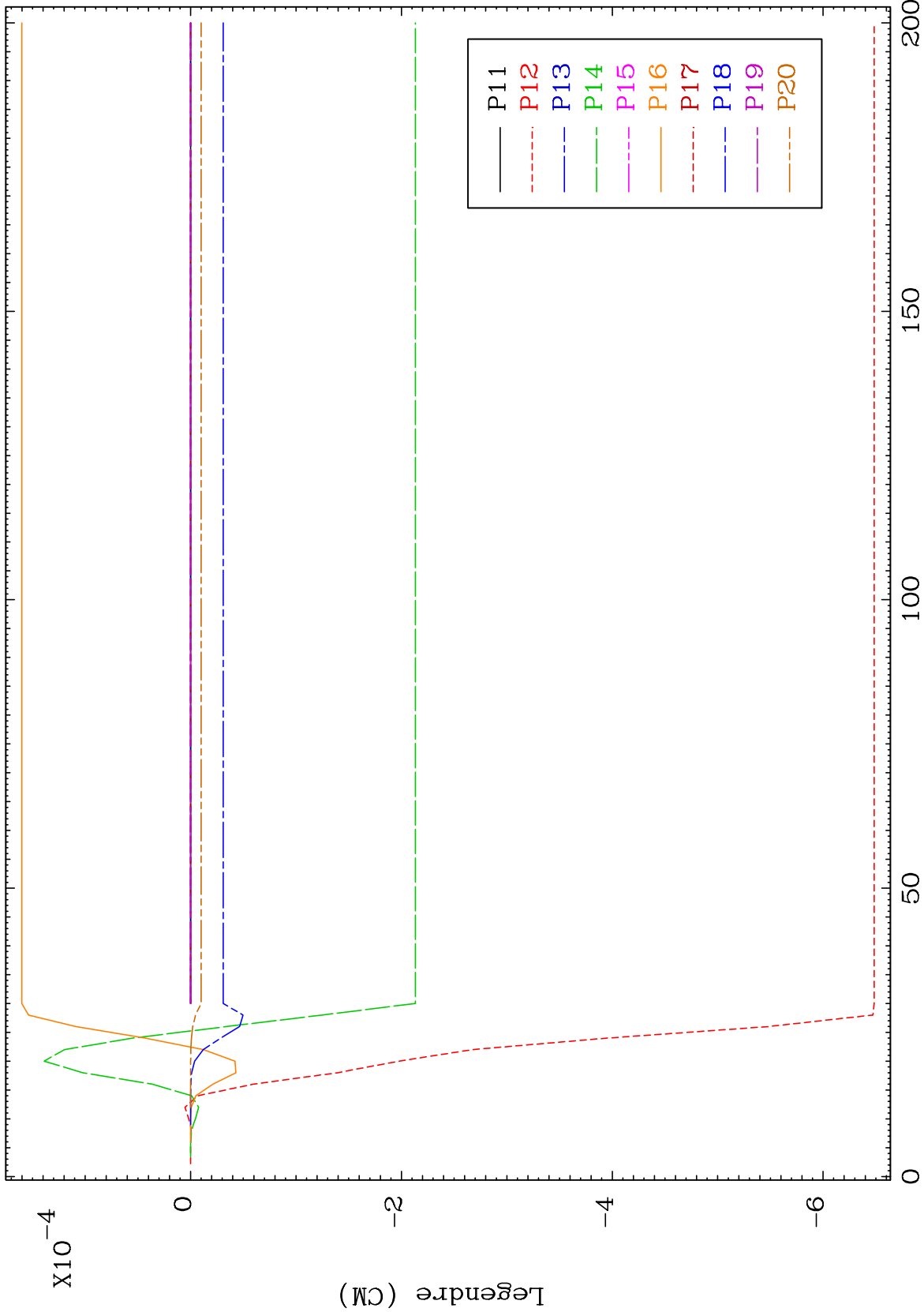
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



73

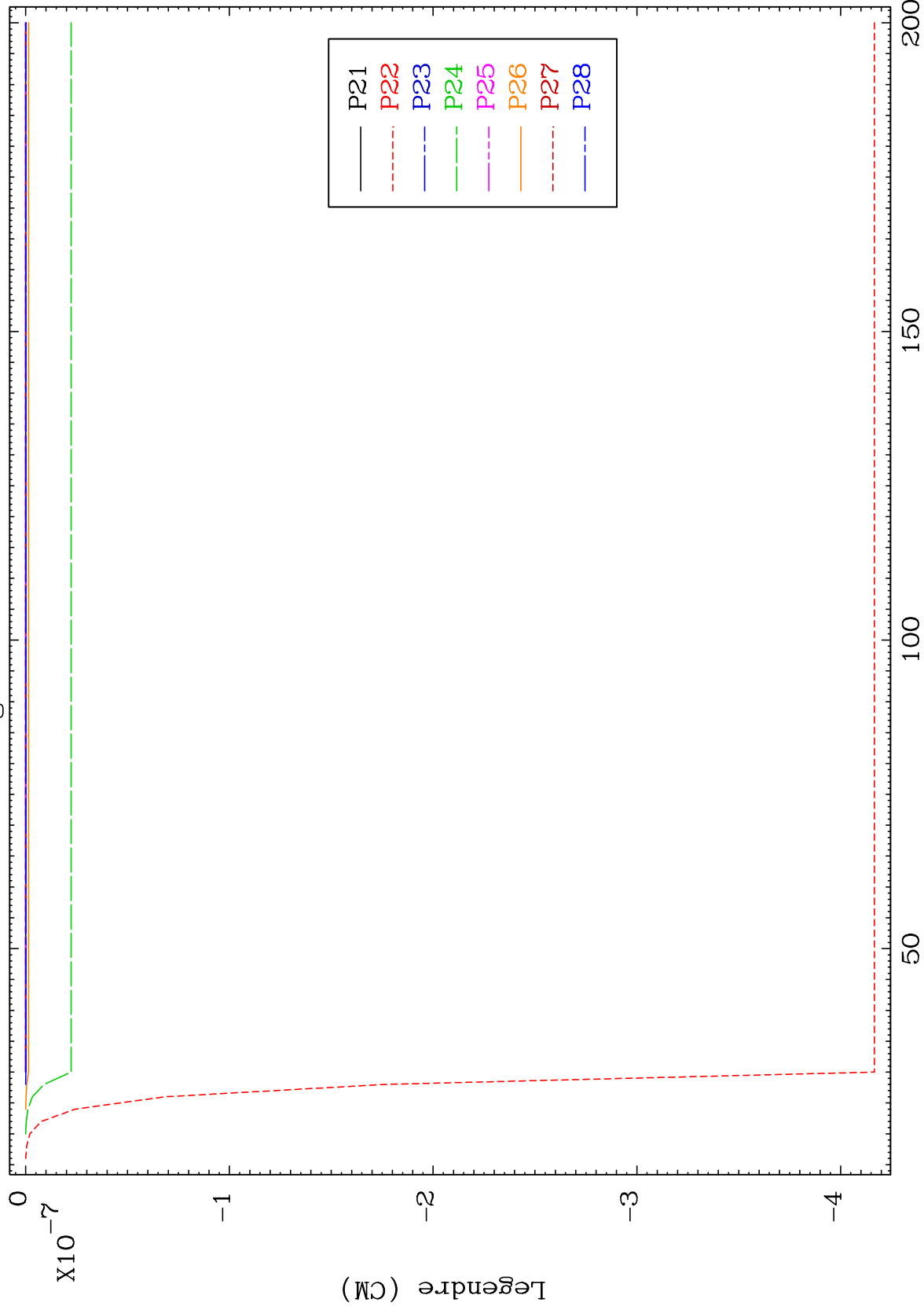
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



74

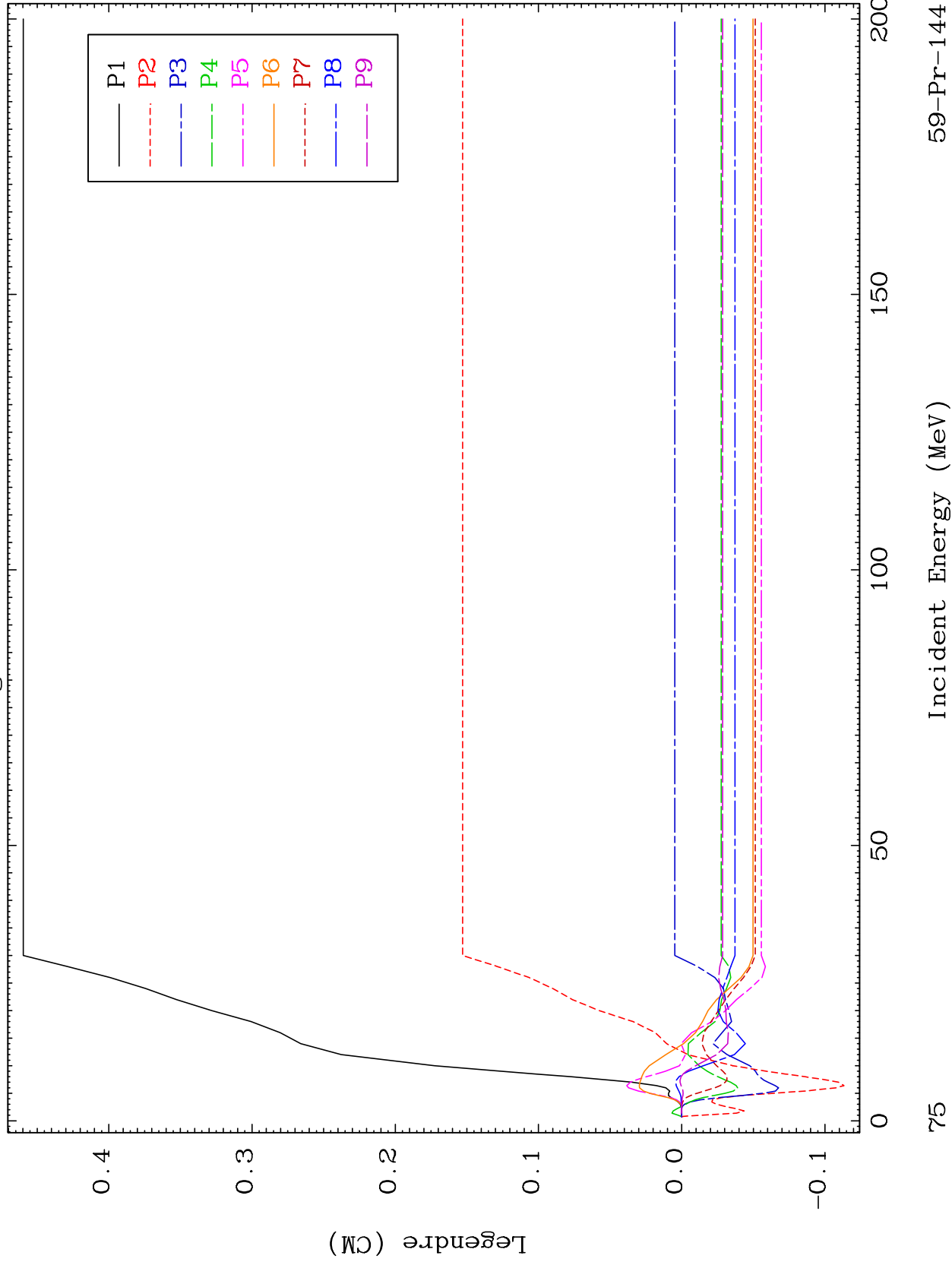
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

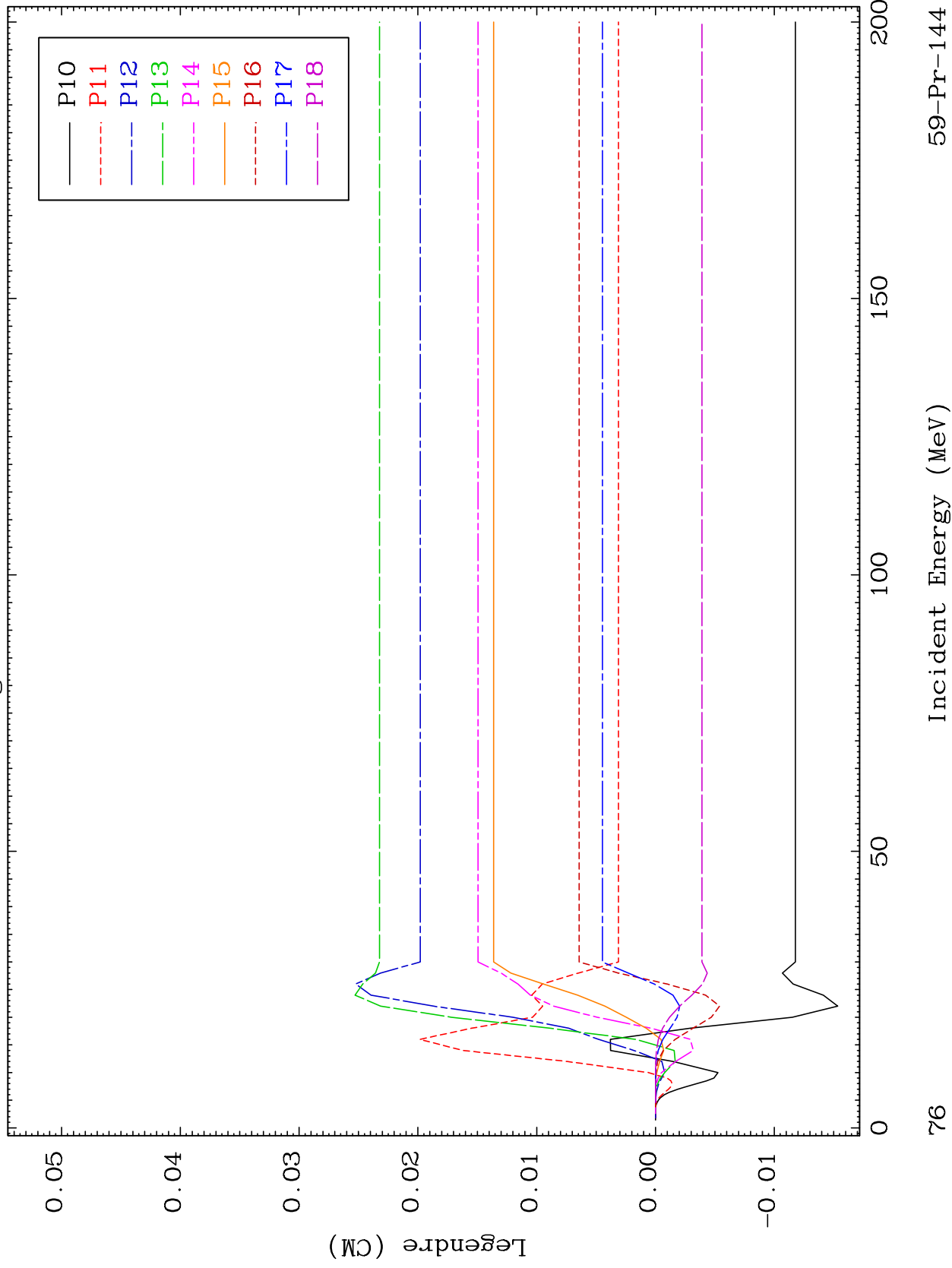
Incident Energy (MeV)

75

MAT 5934

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

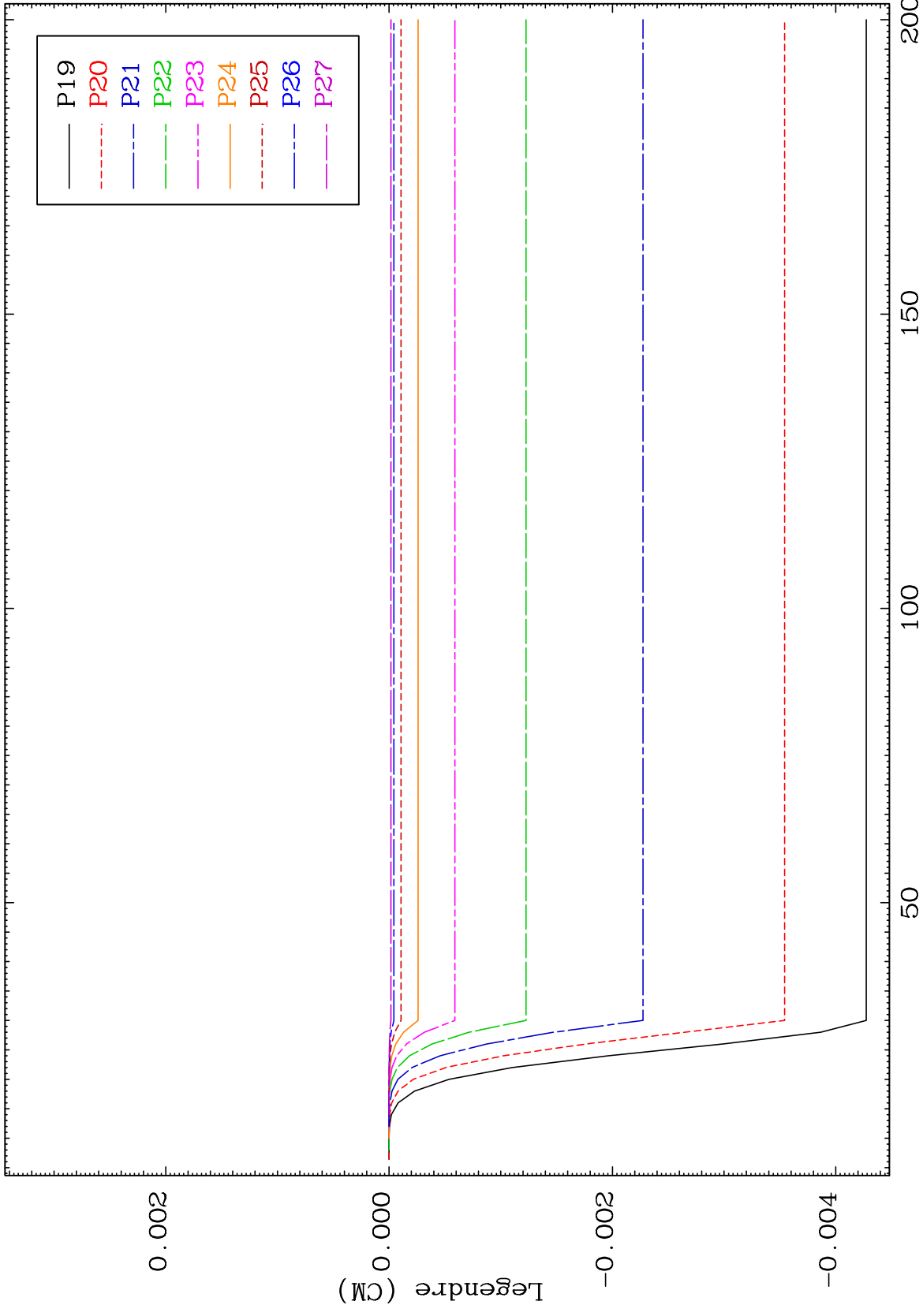
59-Pr-144



MAT 5934

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

59-Pr-144



77

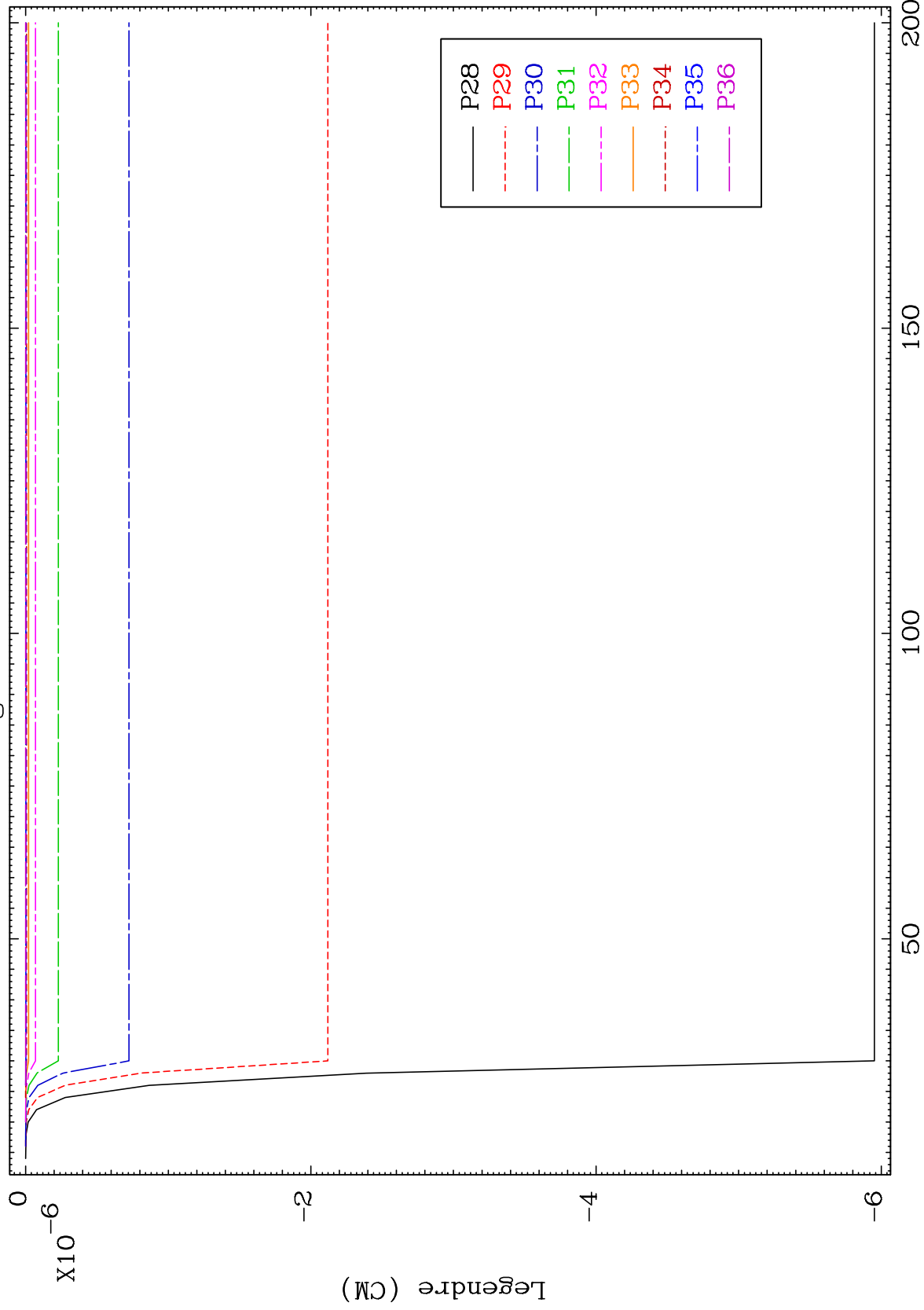
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



78

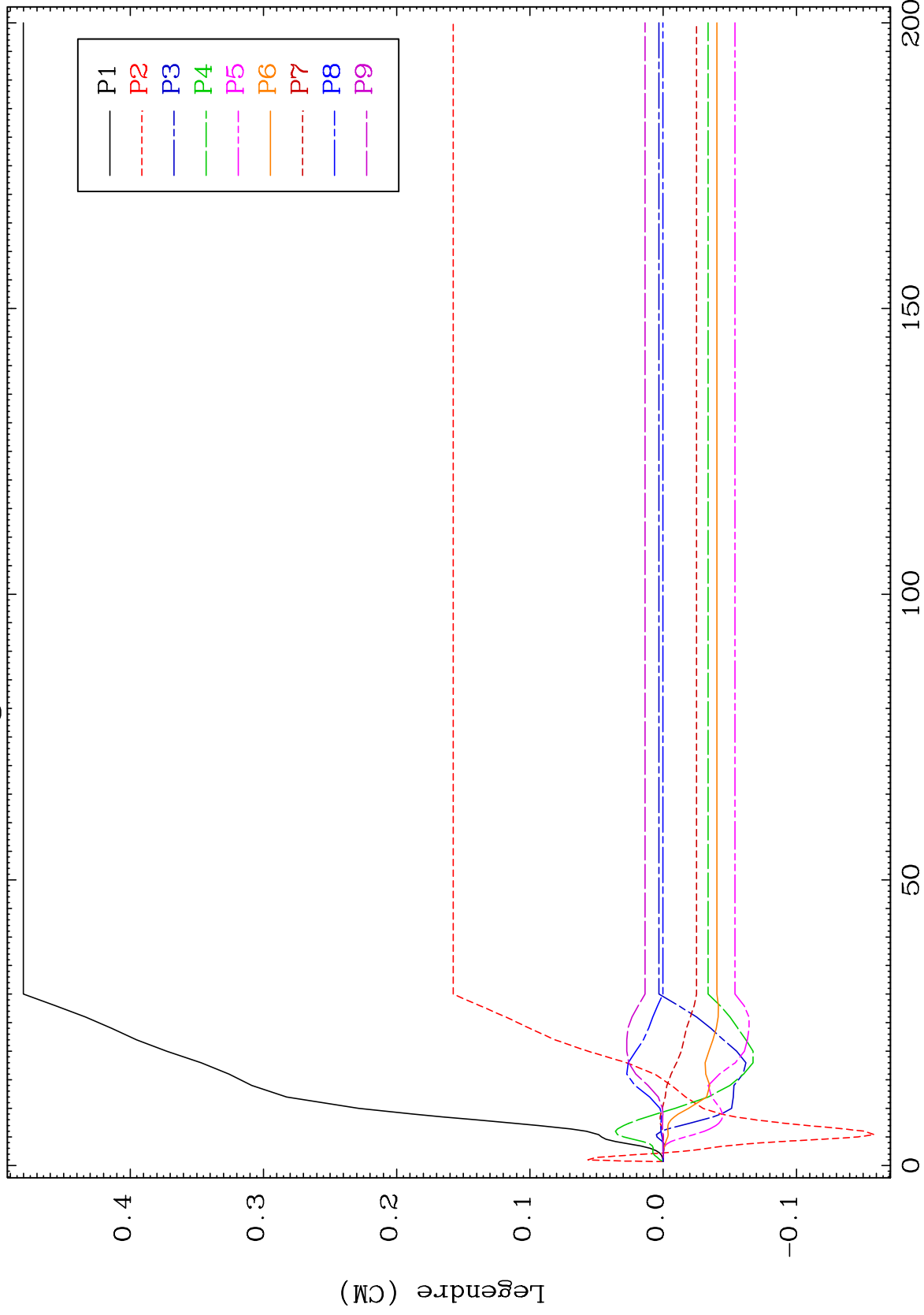
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



79

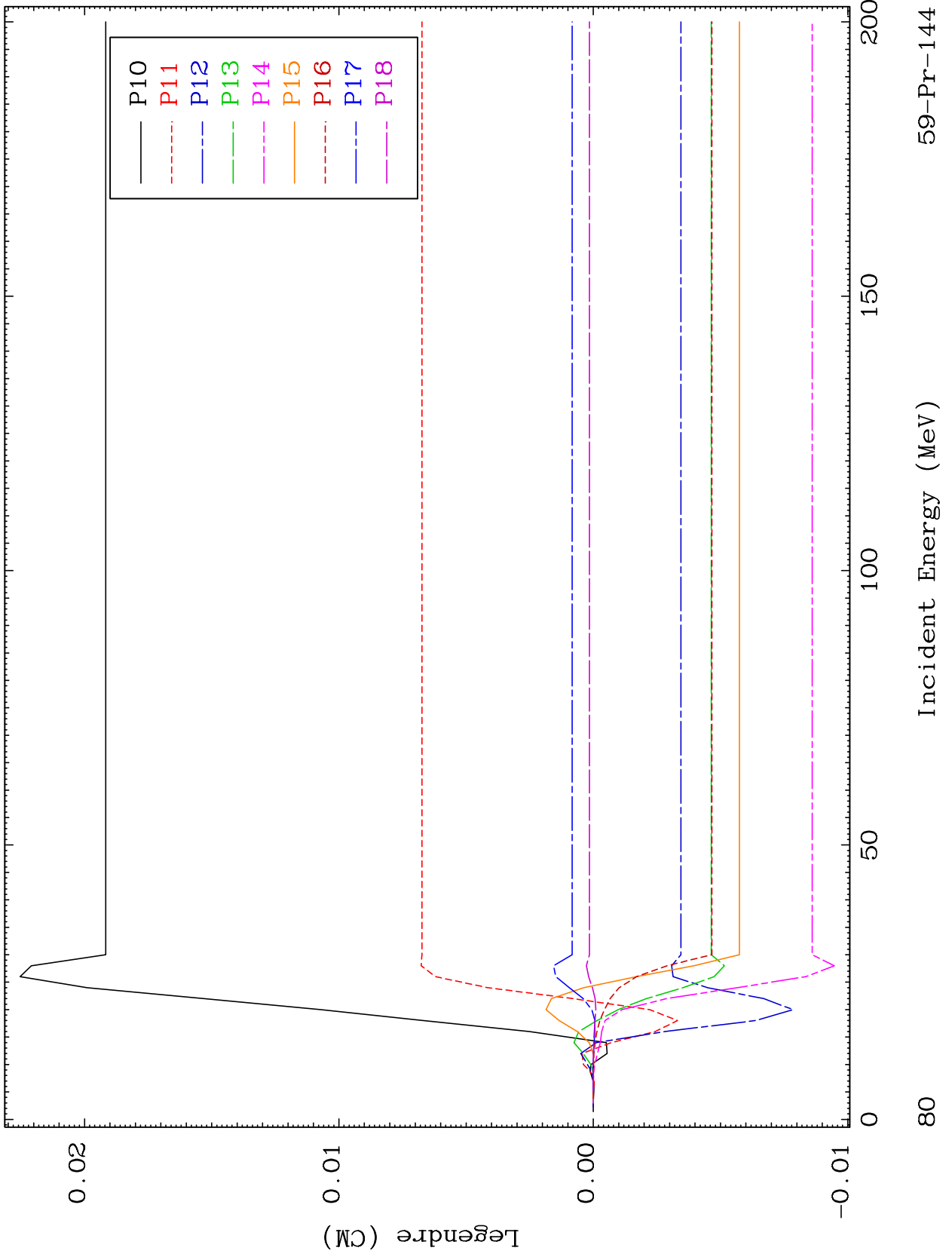
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

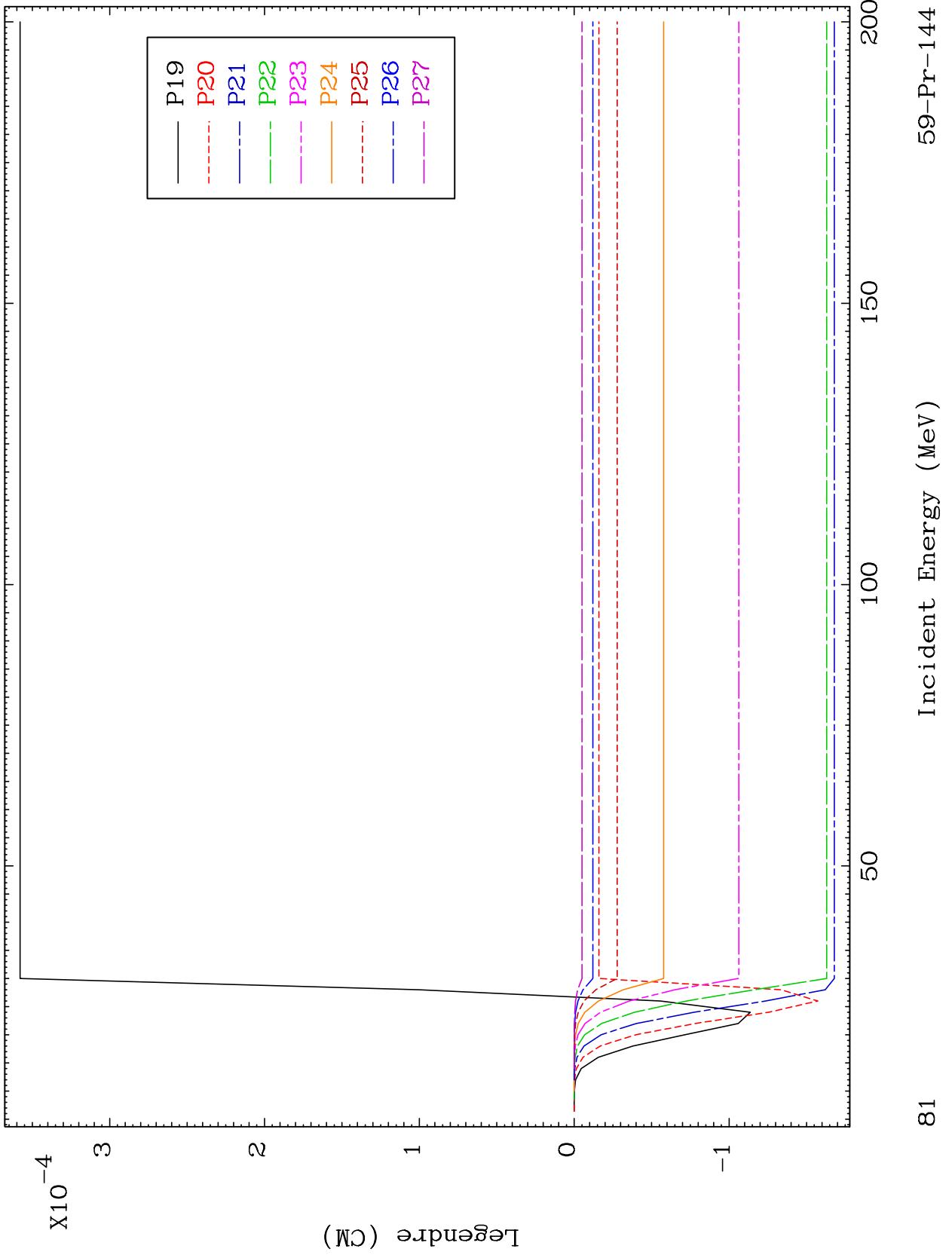
59-Pr-144



59-Pr-144

Incident Energy (MeV)

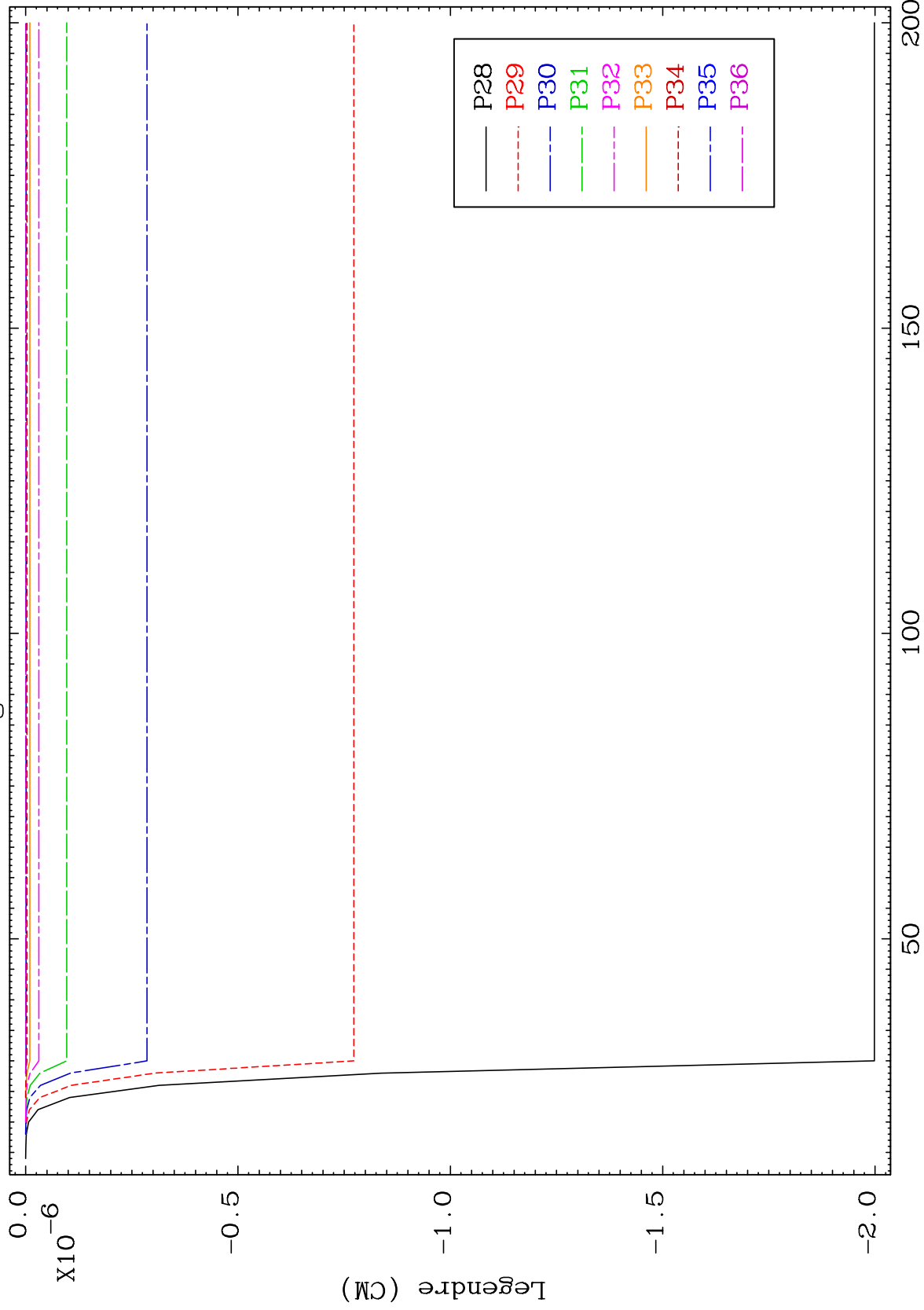
80



MAT 5934

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

59-Pr-144



82

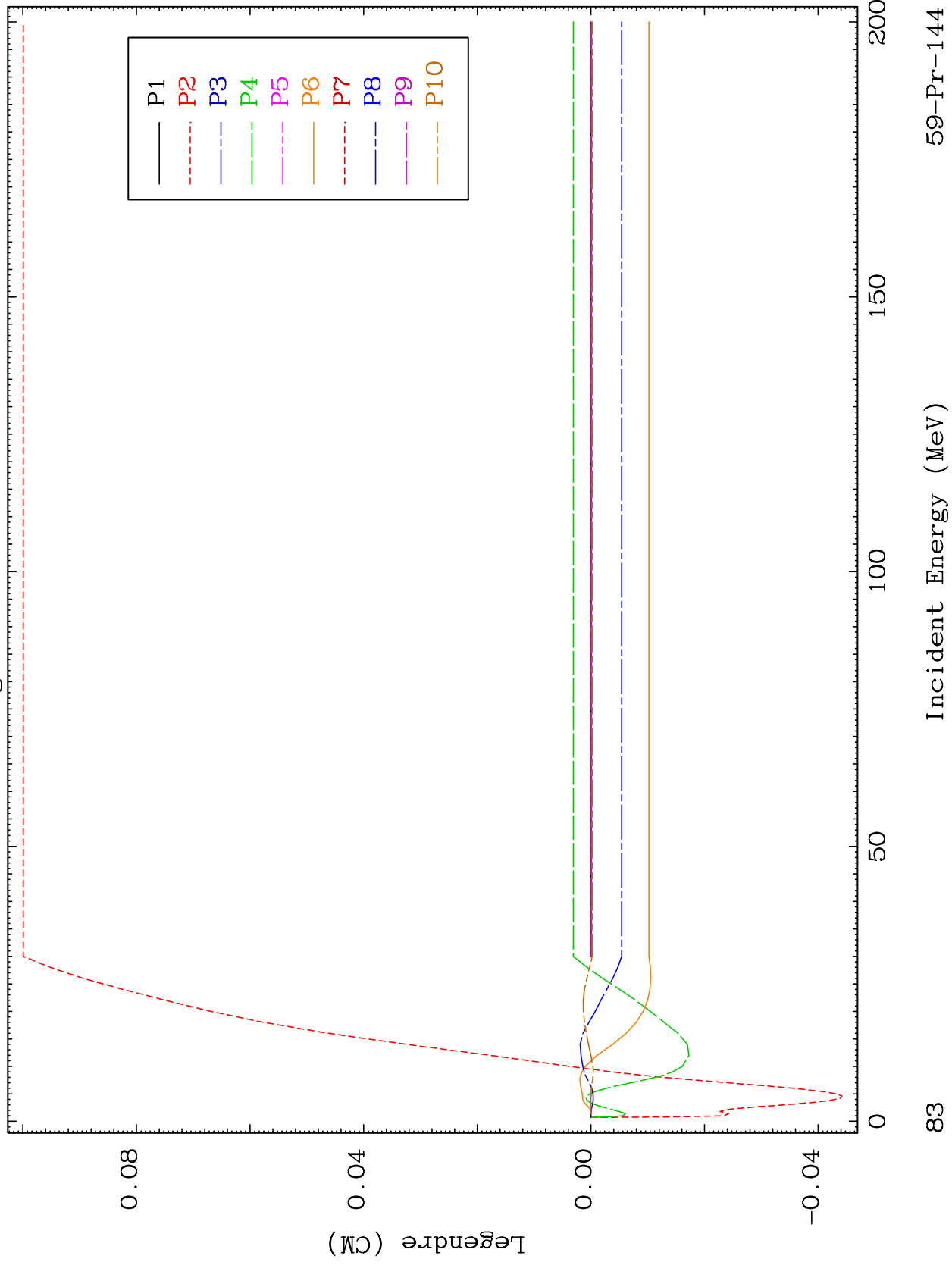
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

Incident Energy (MeV)

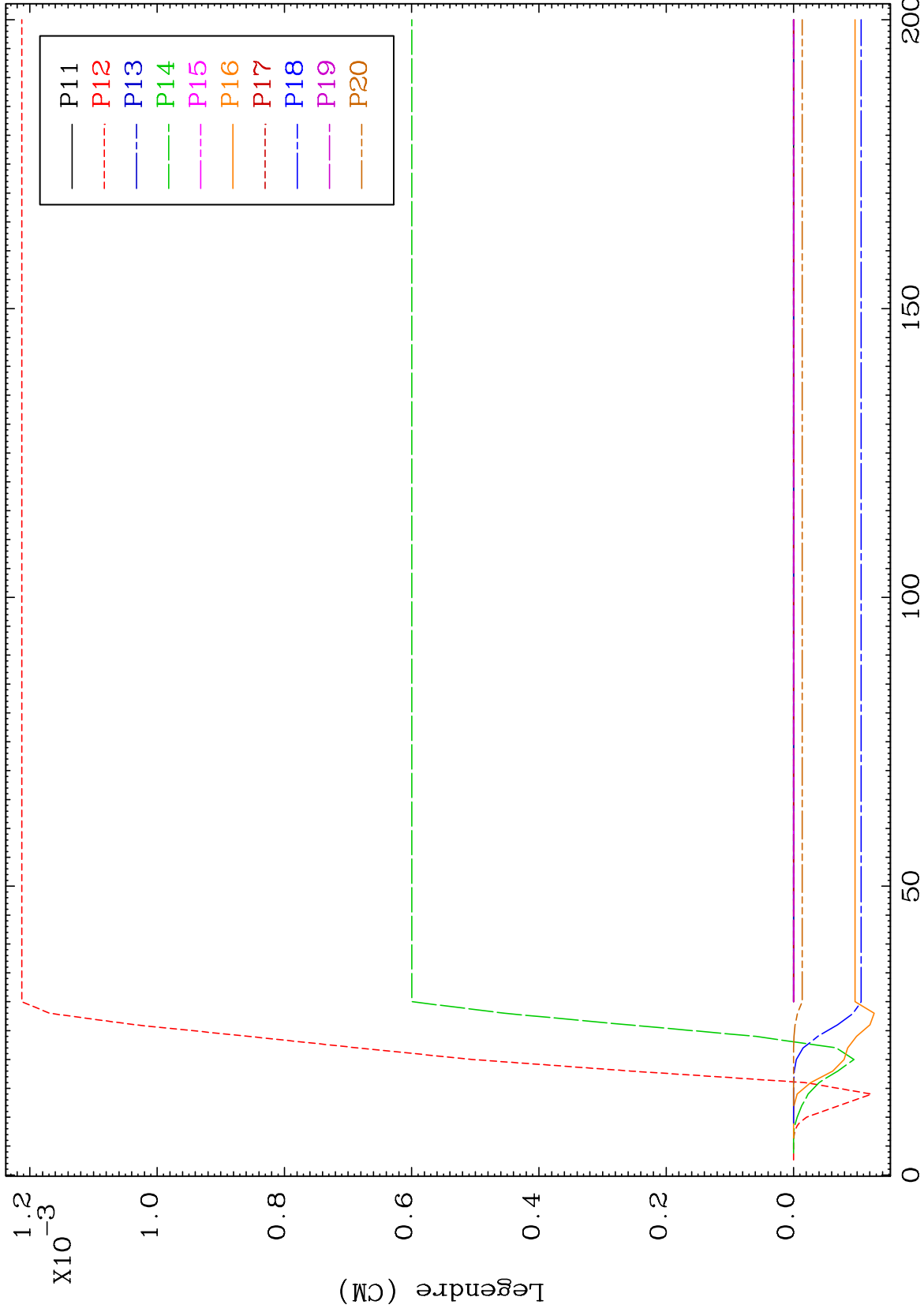
83

MAT 5934

MT= 68 (n,n') Level

59-Pr-144

Legendre Coefficients



84

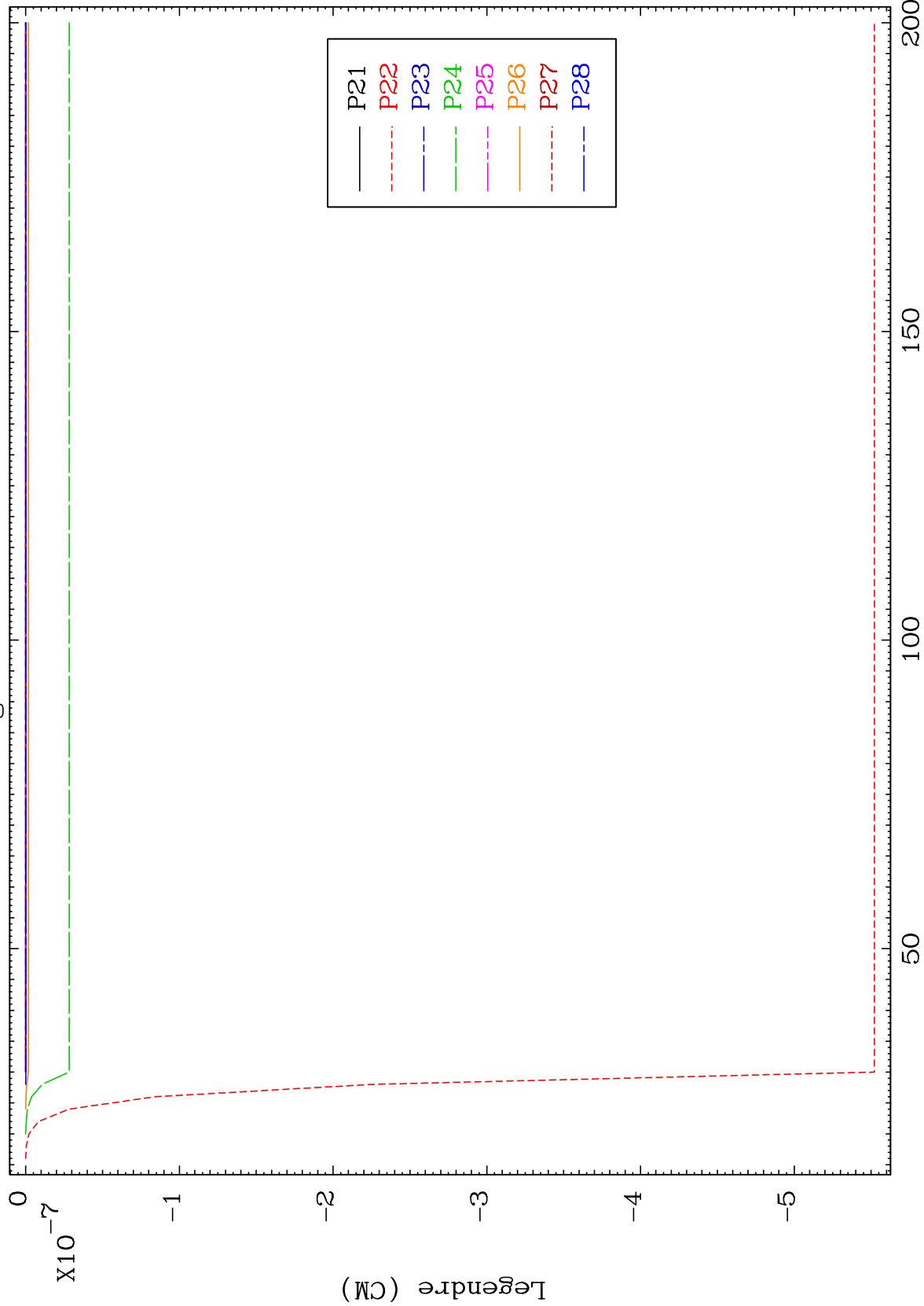
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



85

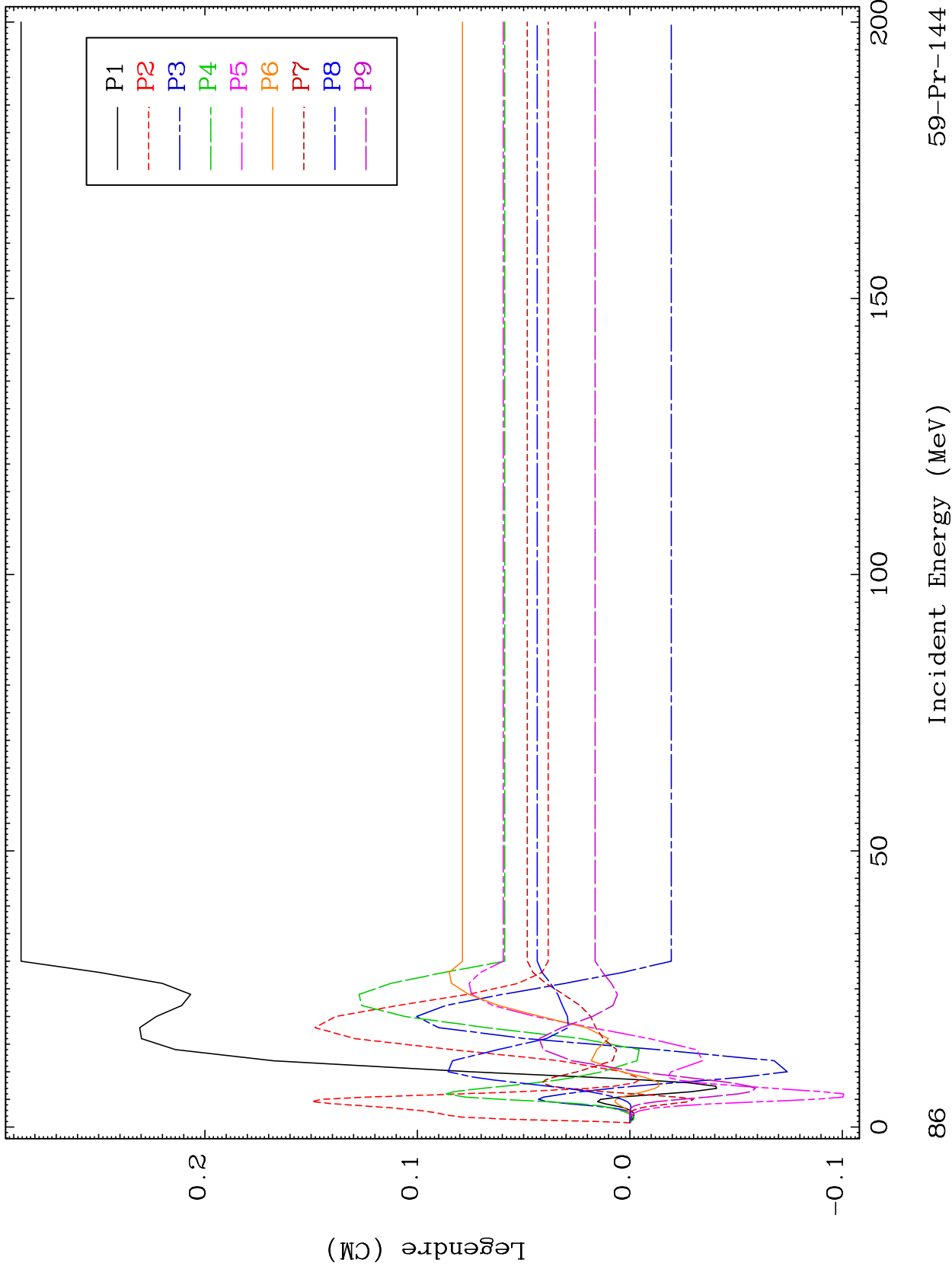
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



86

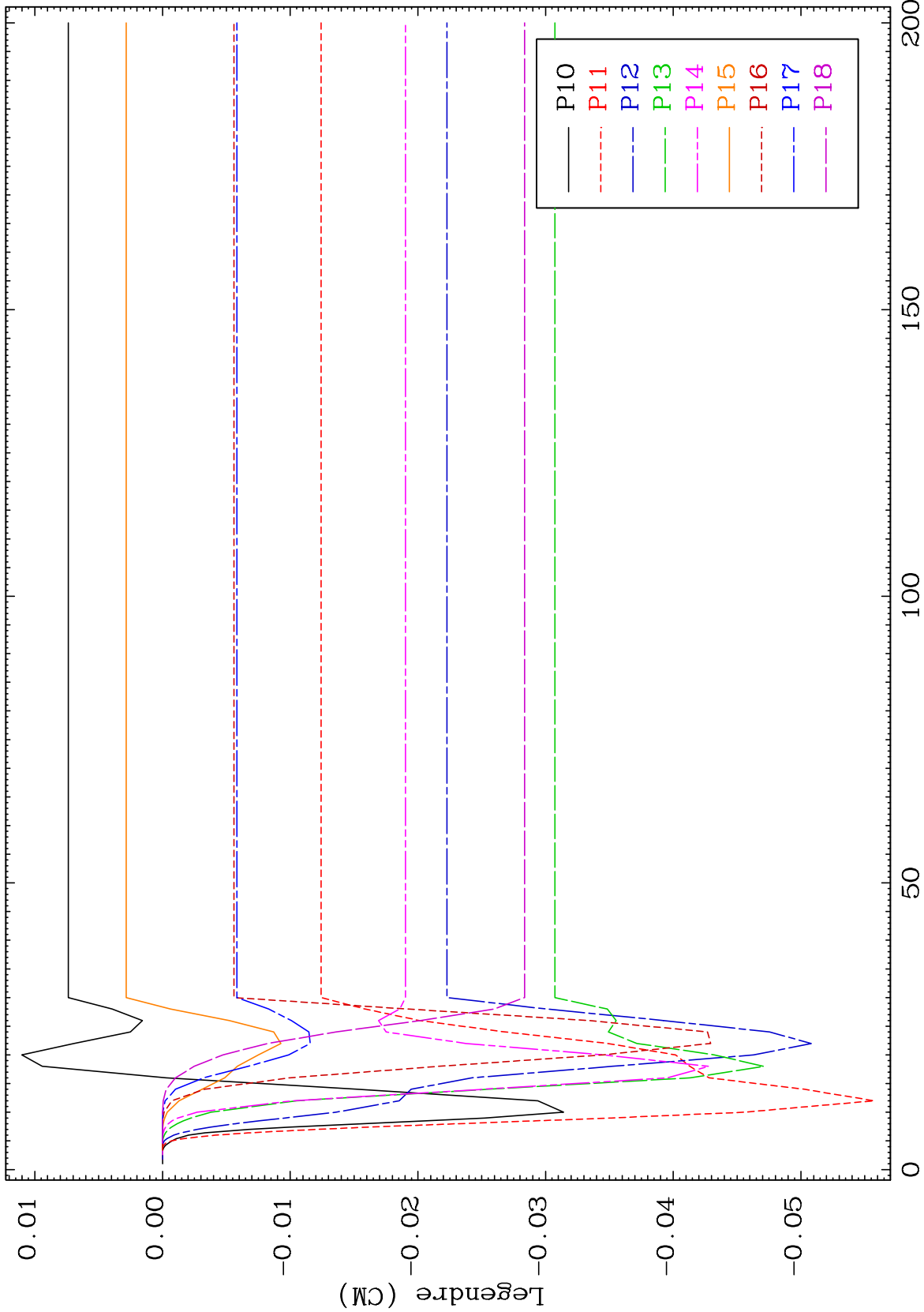
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



87

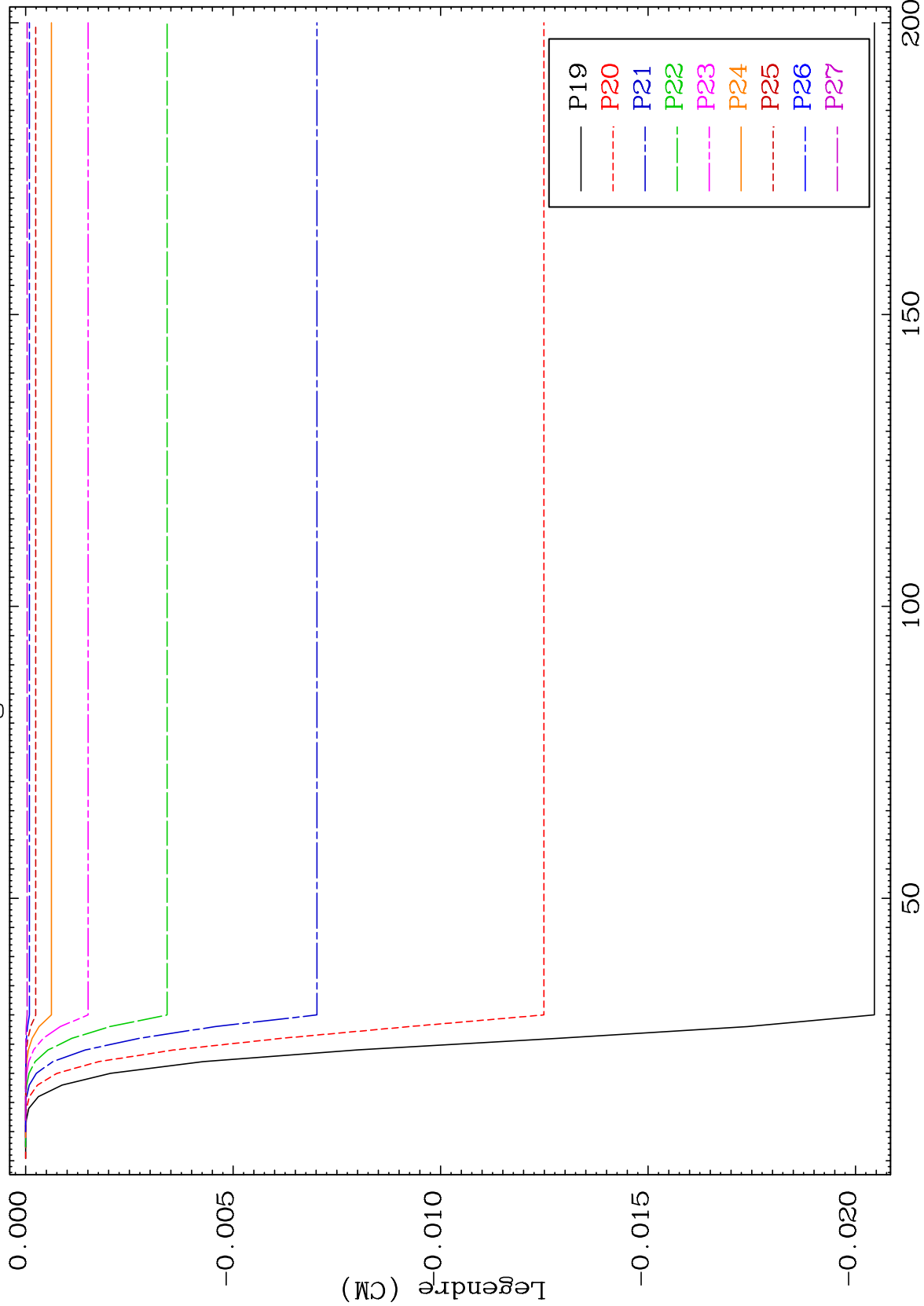
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

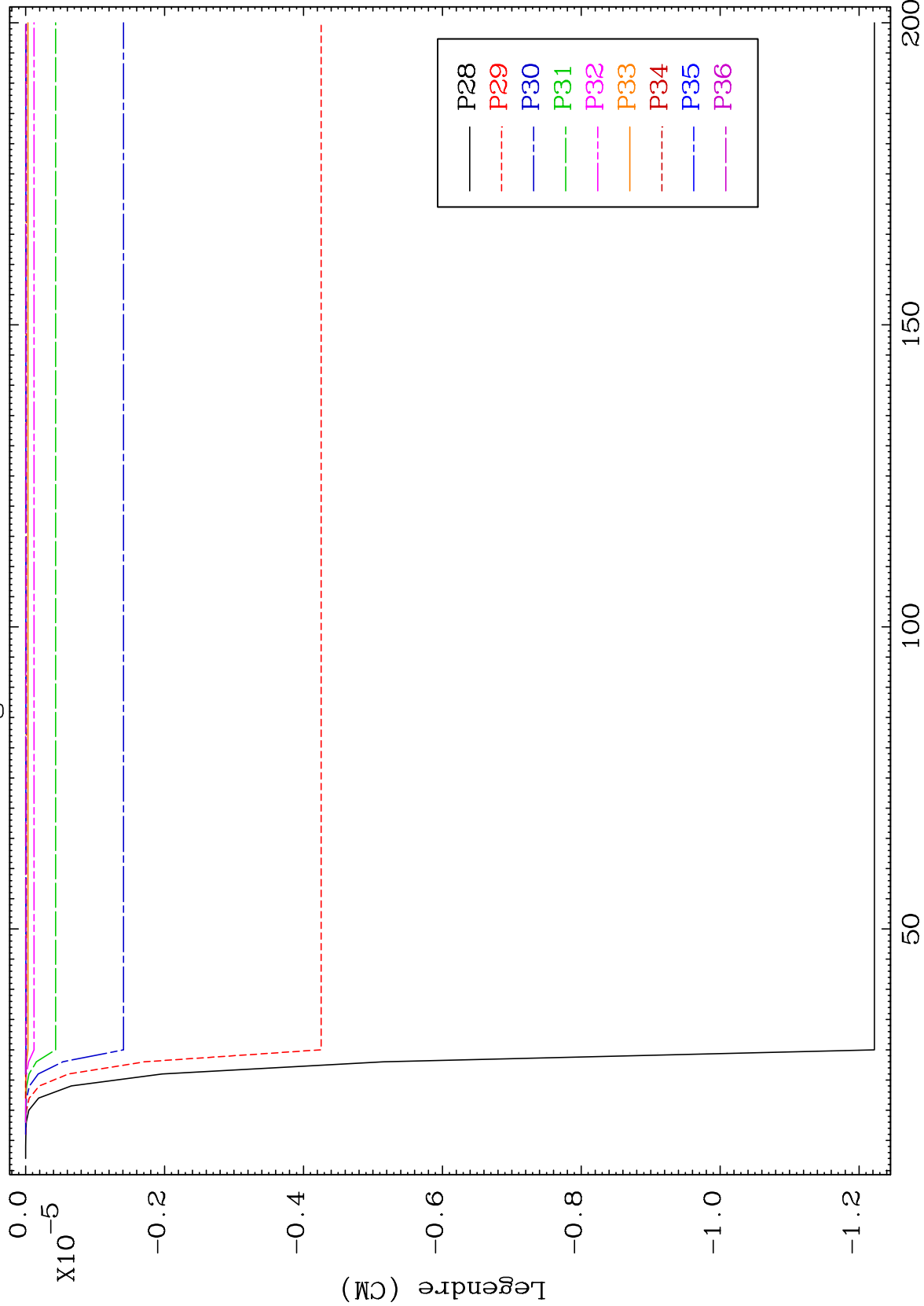
59-Pr-144



MAT 5934

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

59-Pr-144



89

Incident Energy (MeV)

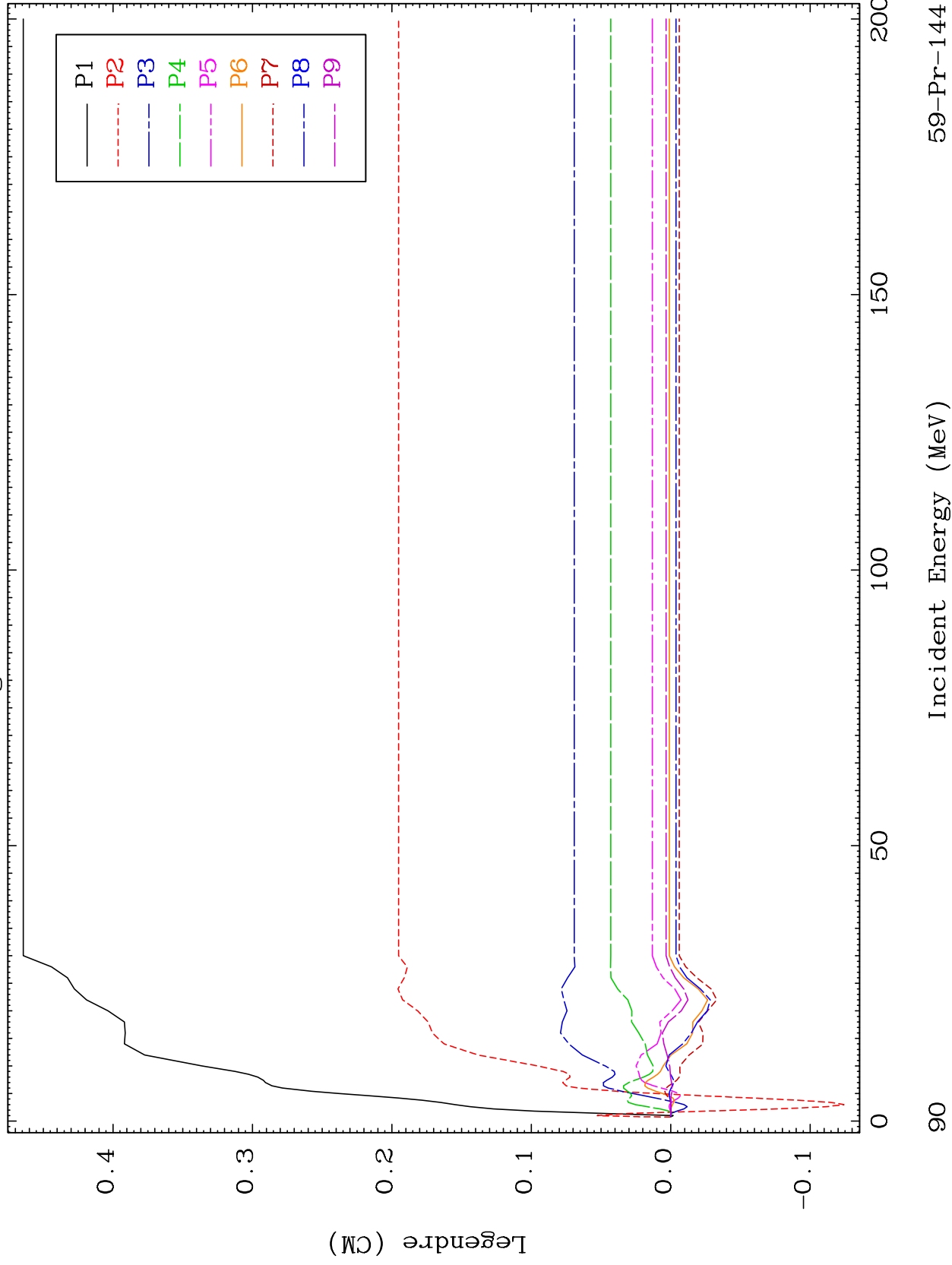
59-Pr-144

MAT 5934

MT= 70 (n,n') Level

59-Pr-144

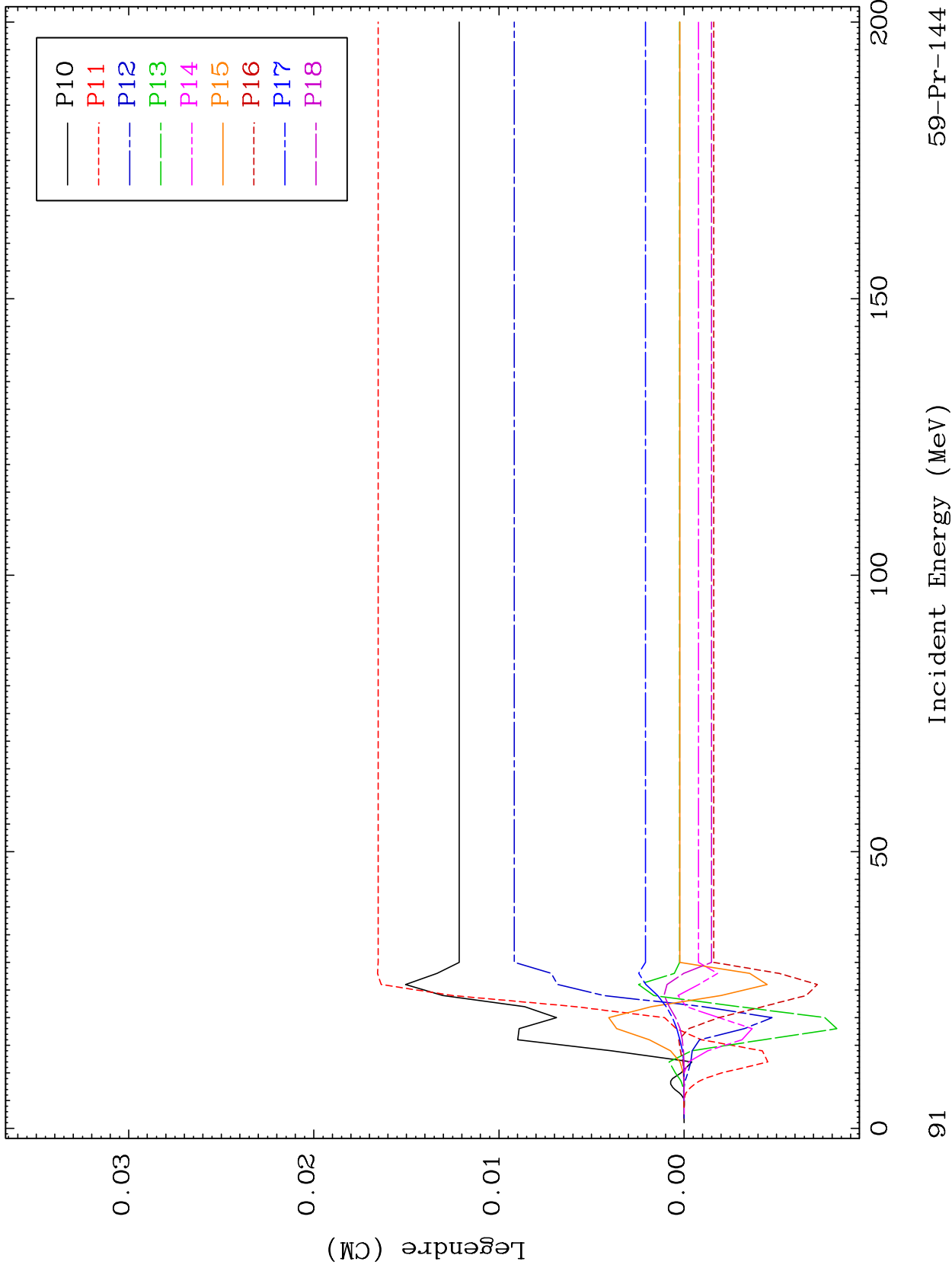
Legendre Coefficients



MAT 5934

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

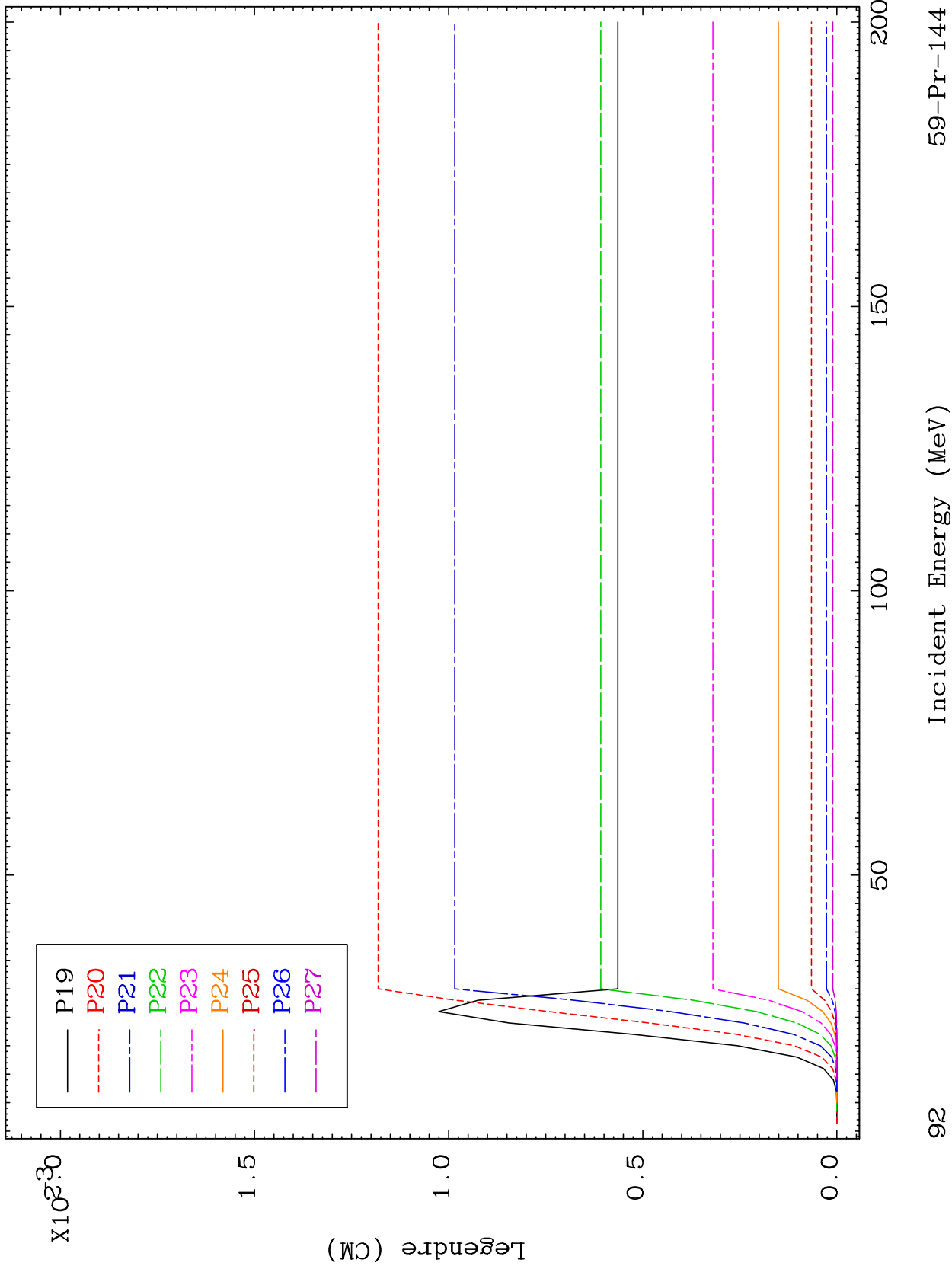
59-Pr-144



91

Incident Energy (MeV)

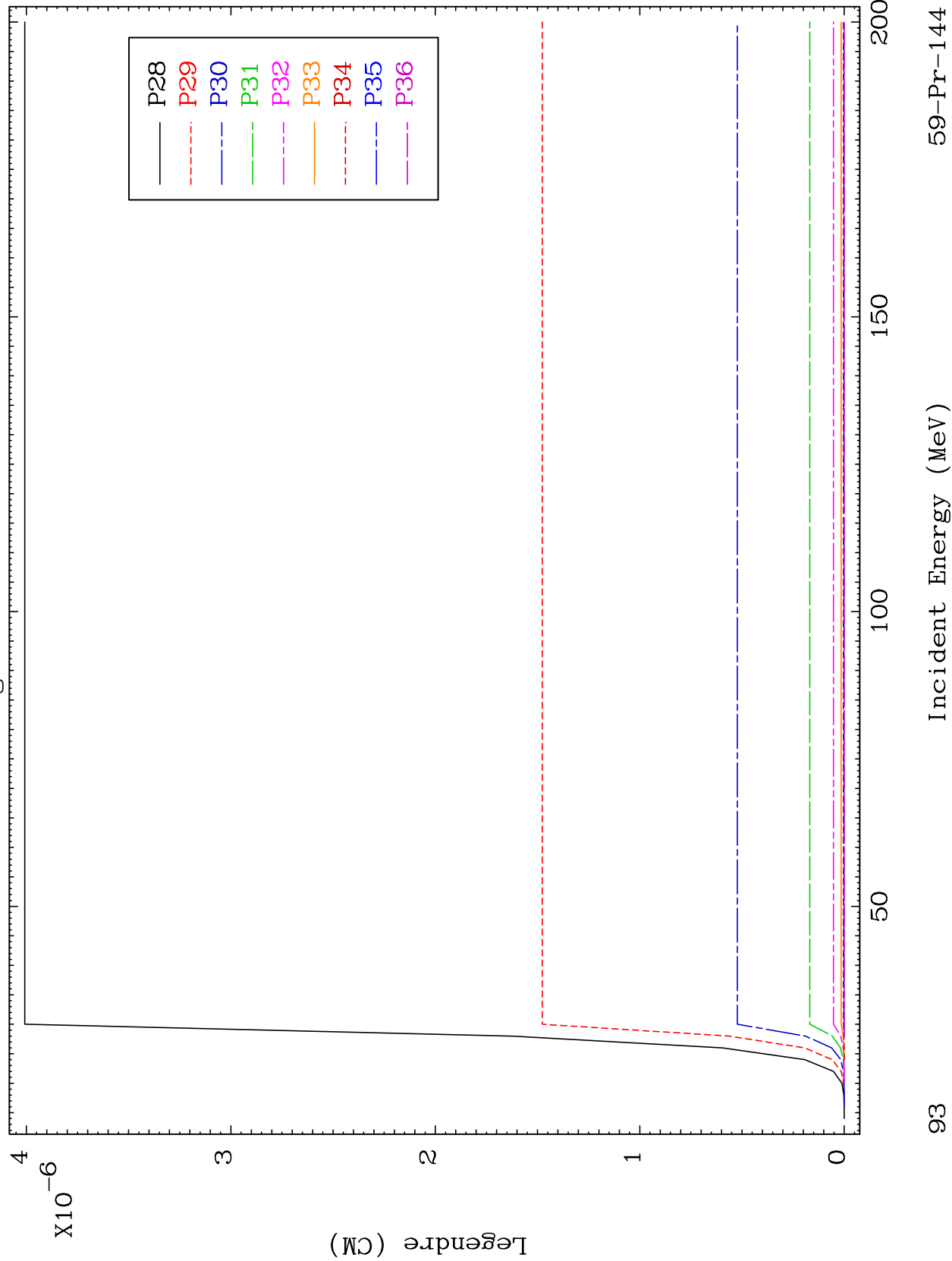
59-Pr-144



MAT 5934

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

59-Pr-144



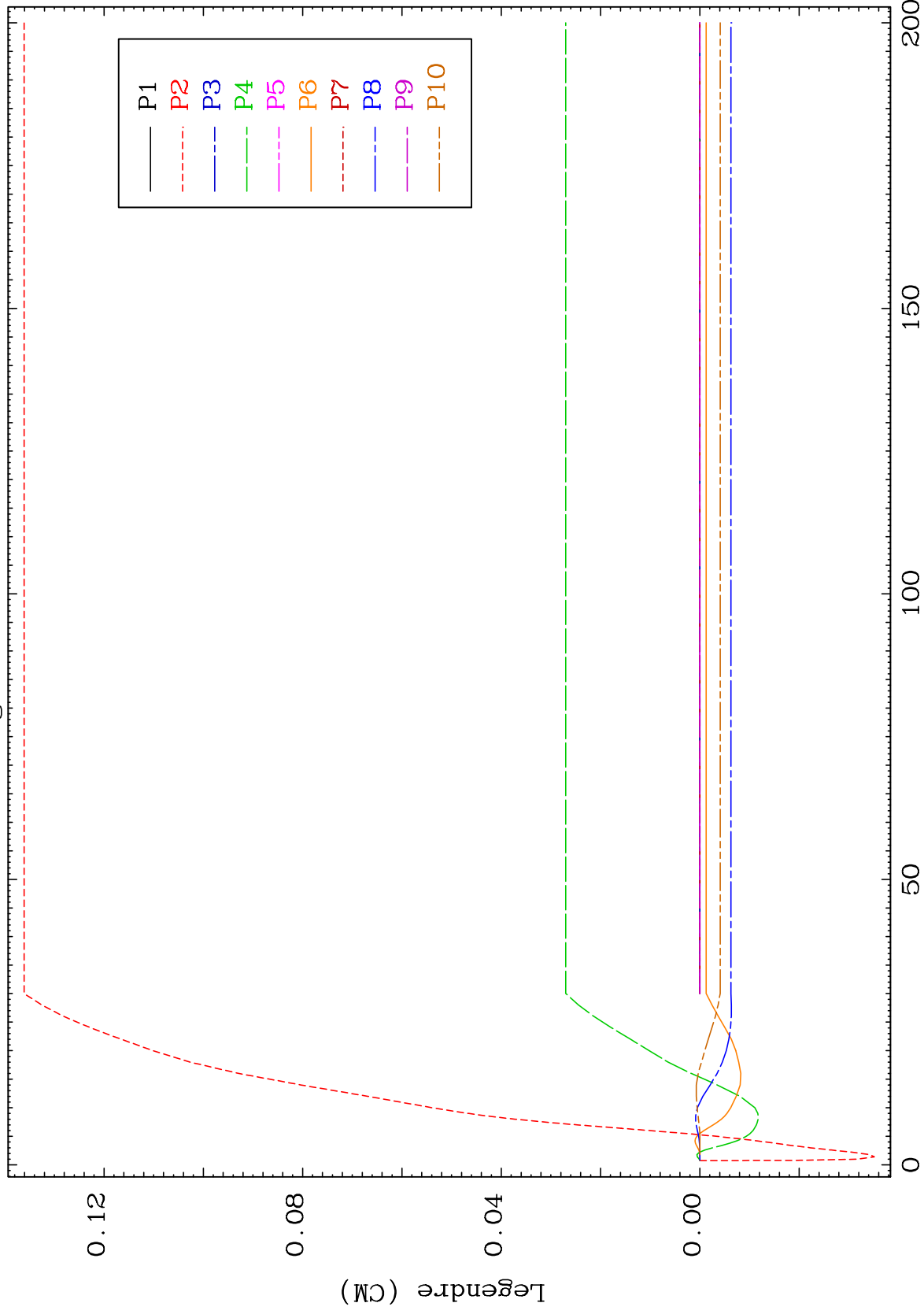
93

59-Pr-144

MAT 5934

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

59-Pr-144



94

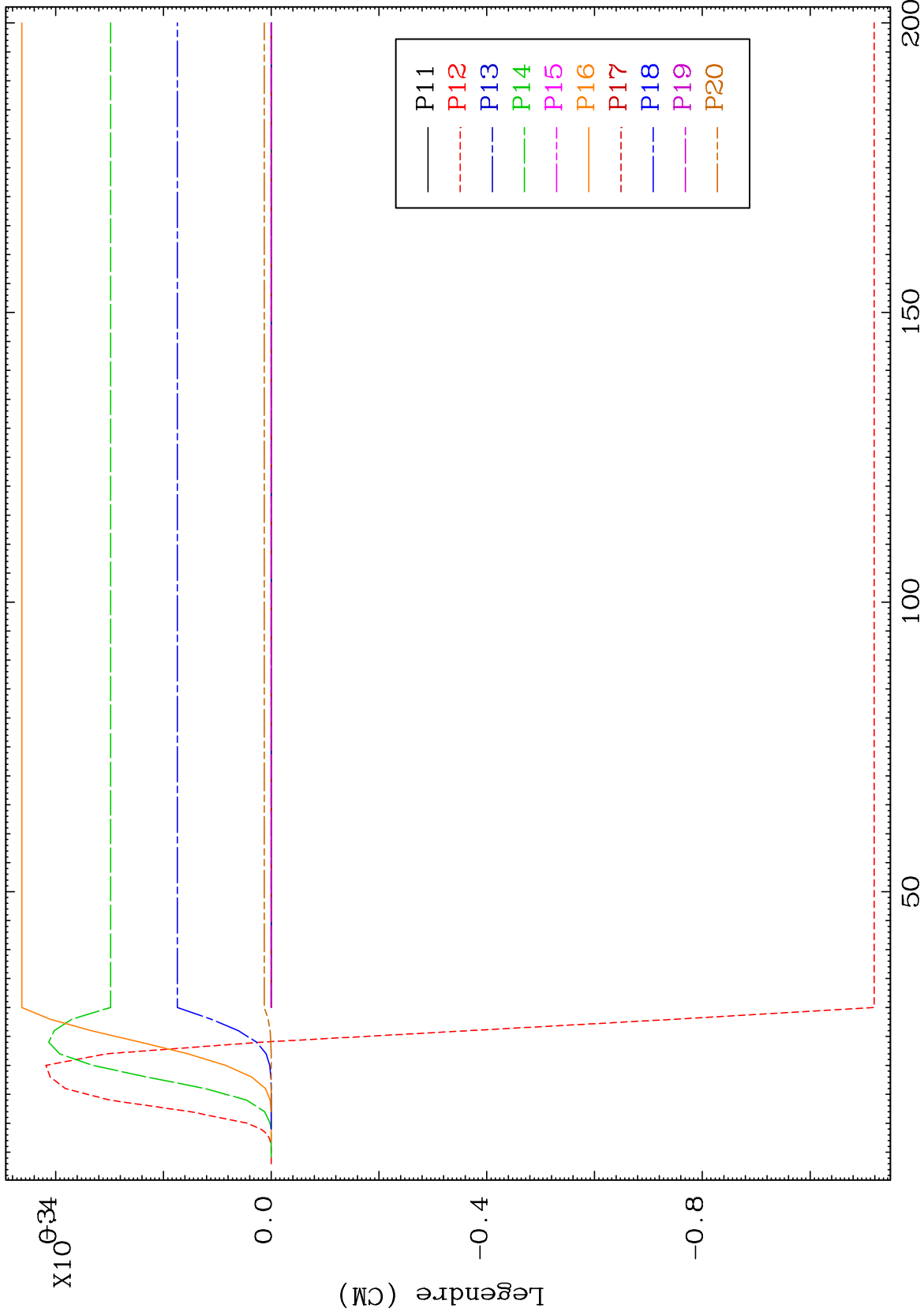
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



95

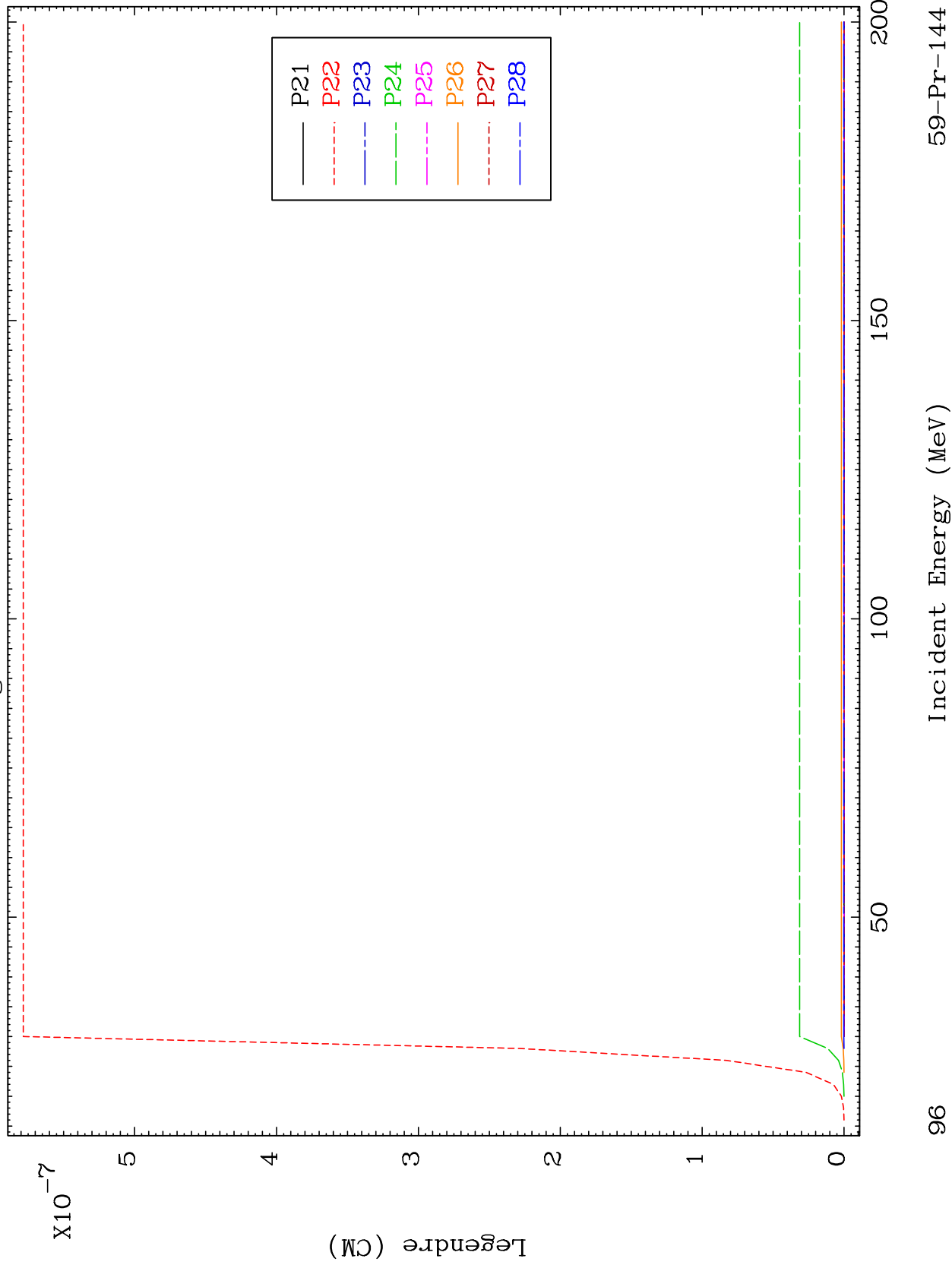
Incident Energy (MeV)

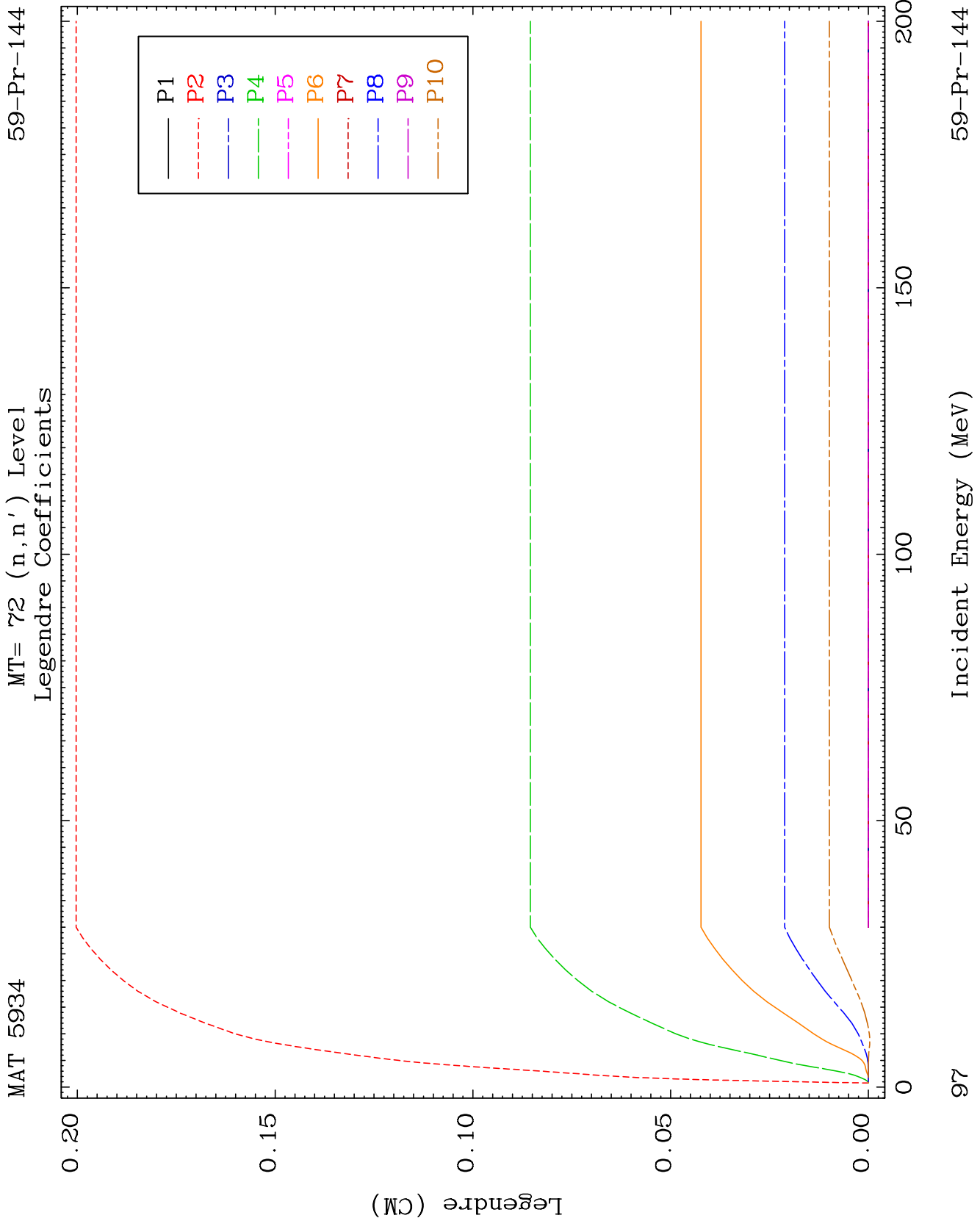
59-Pr-144

MAT 5934

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

59-Pr-144

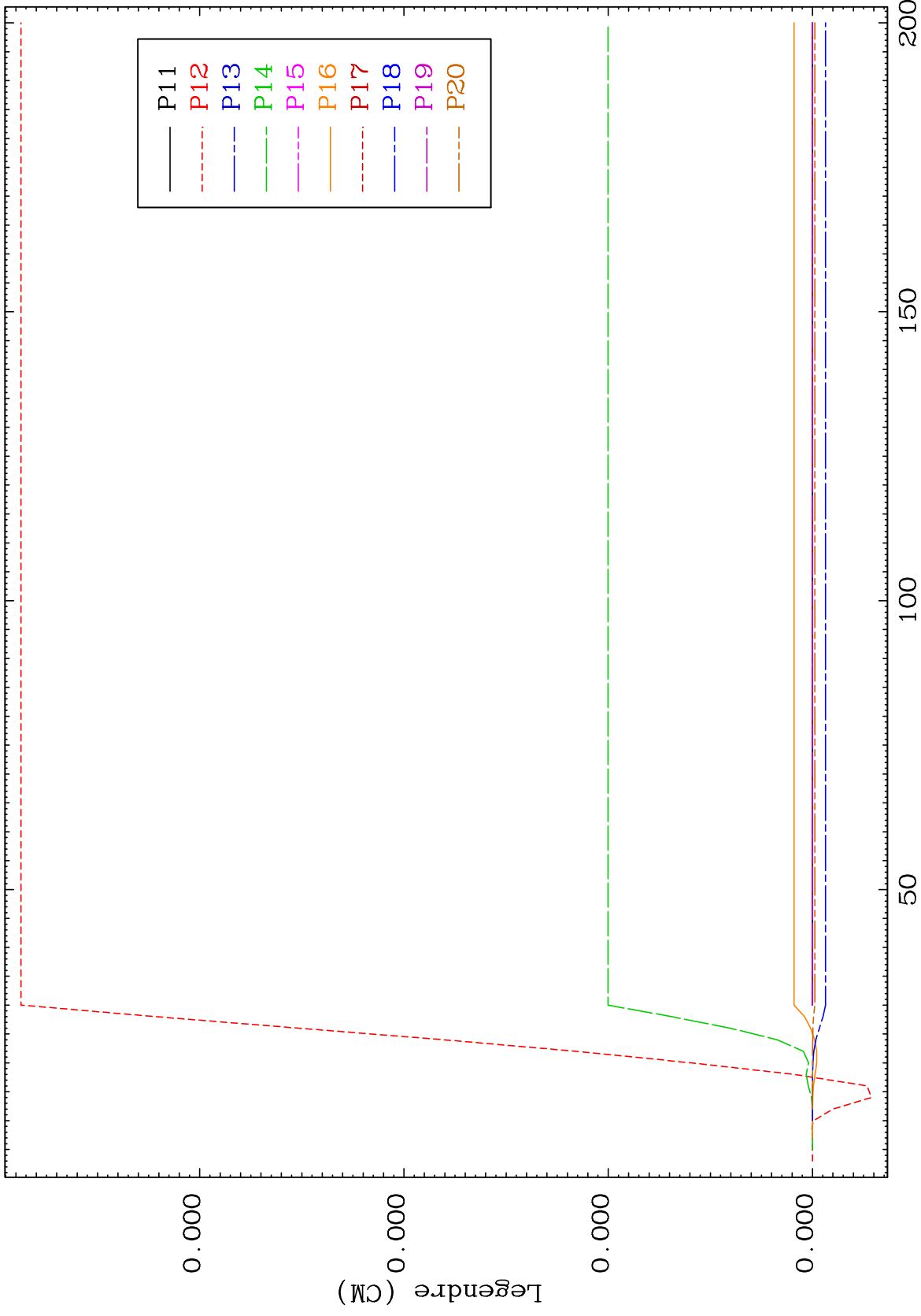




MAT 5934

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

59-Pr-144



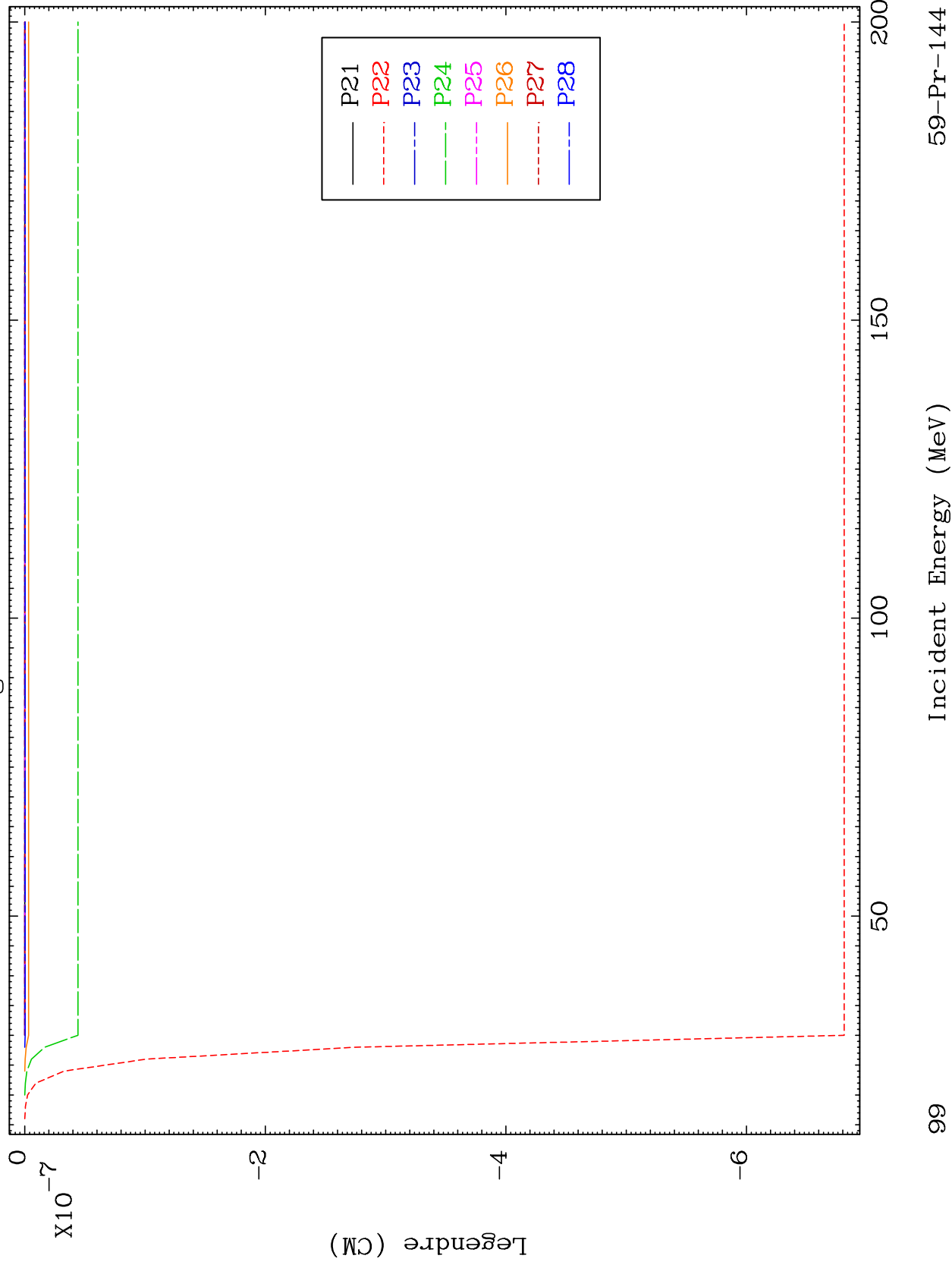
98

59-Pr-144

MAT 5934

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

59-Pr-144



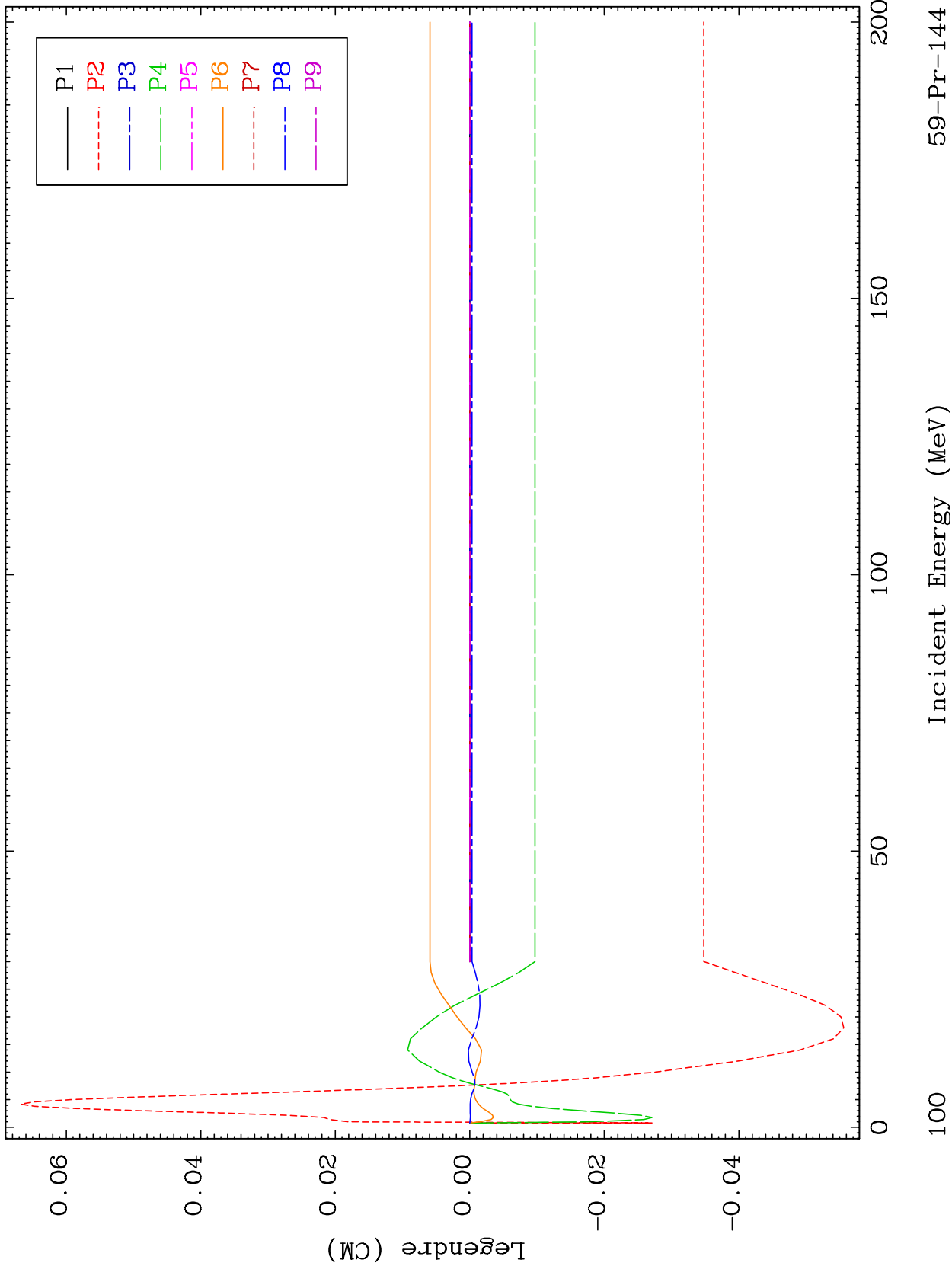
99

59-Pr-144

MAT 5934

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

59-Pr-144



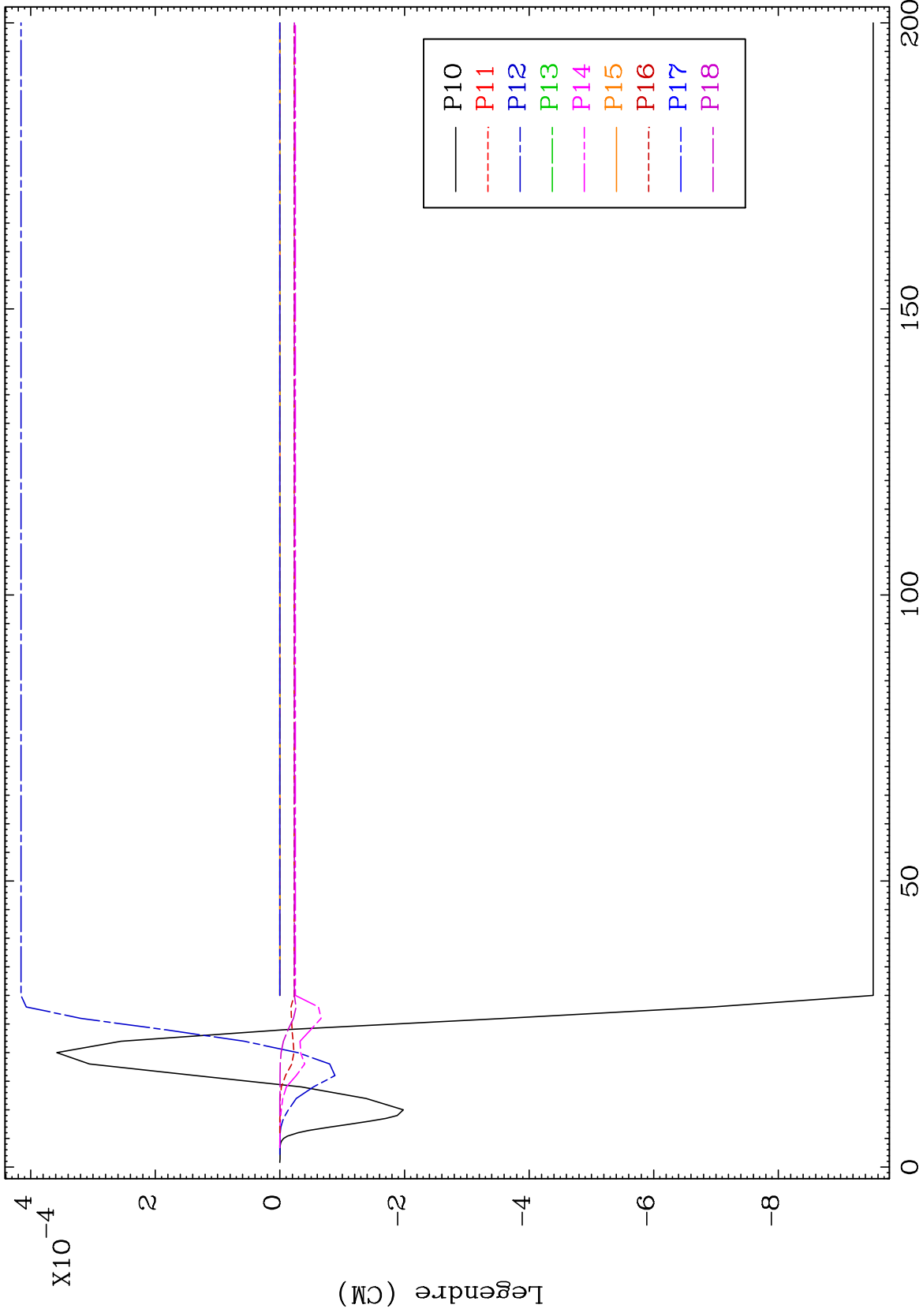
59-Pr-144

Incident Energy (MeV)

MAT 5934

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

59-Pr-144



101

Incident Energy (MeV)

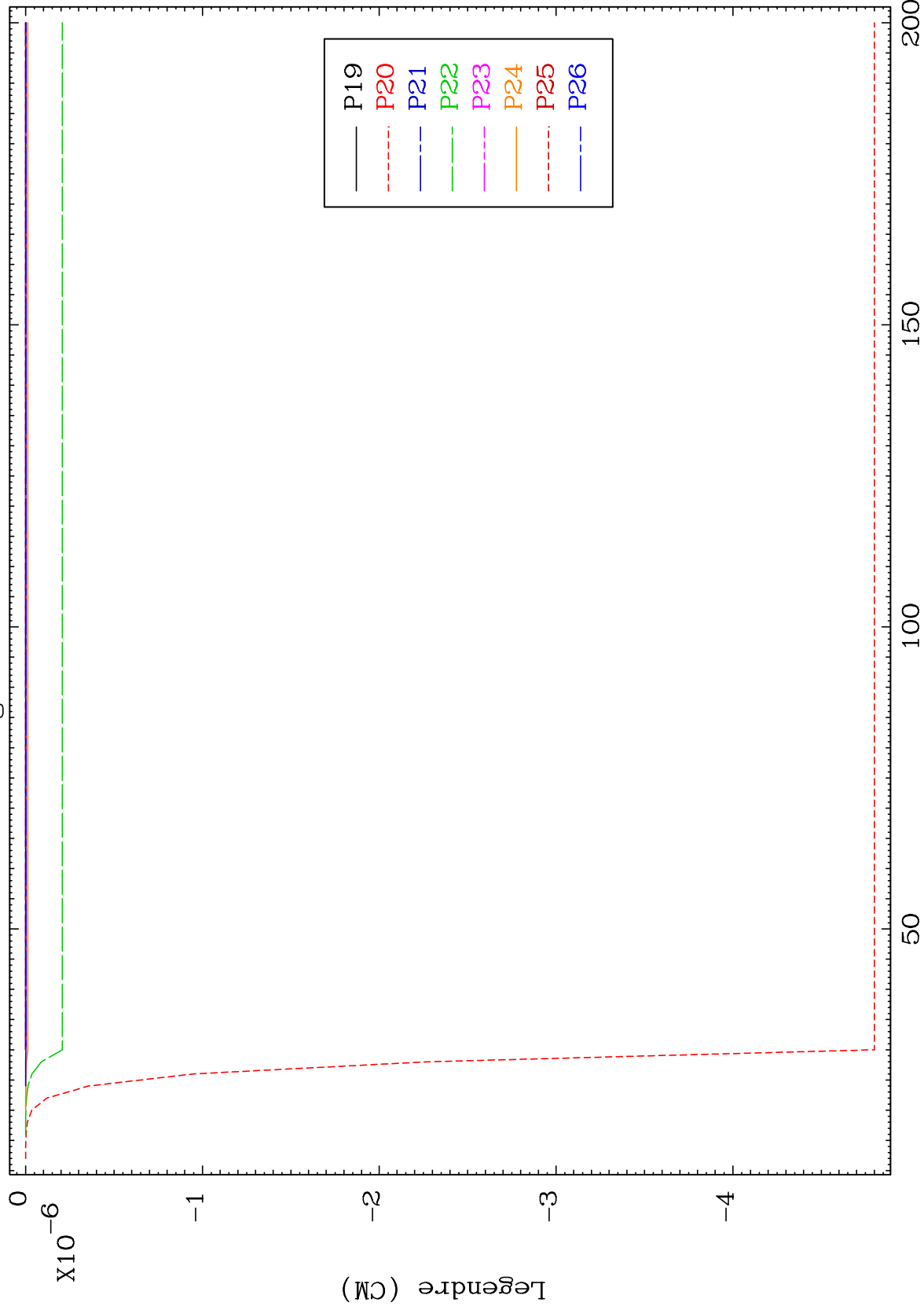
59-Pr-144

MAT 5934

MT= 73 (n,n') Level

59-Pr-144

Legendre Coefficients



59-Pr-144

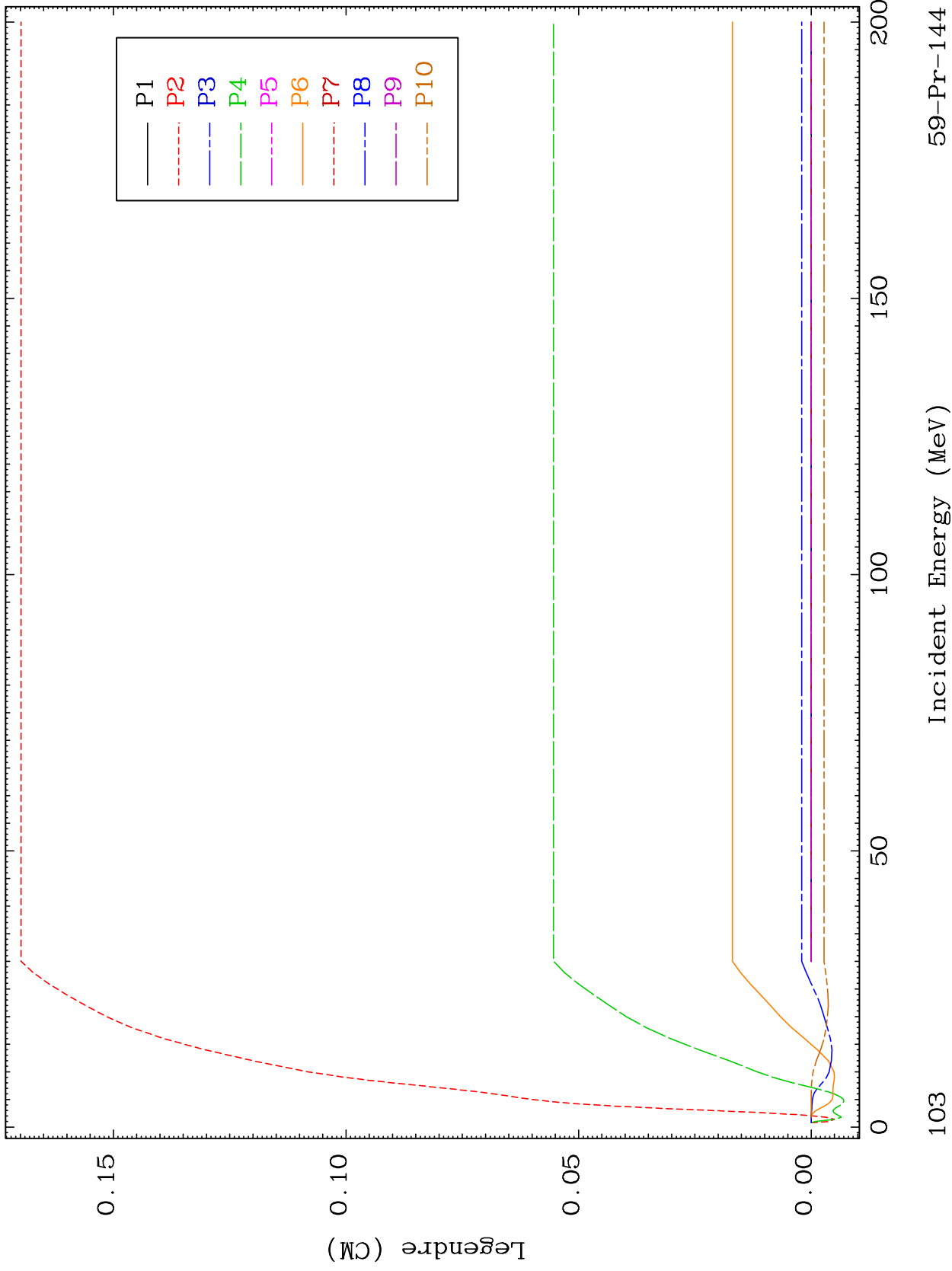
Incident Energy (MeV)

102

MAT 5934

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

59-Pr-144

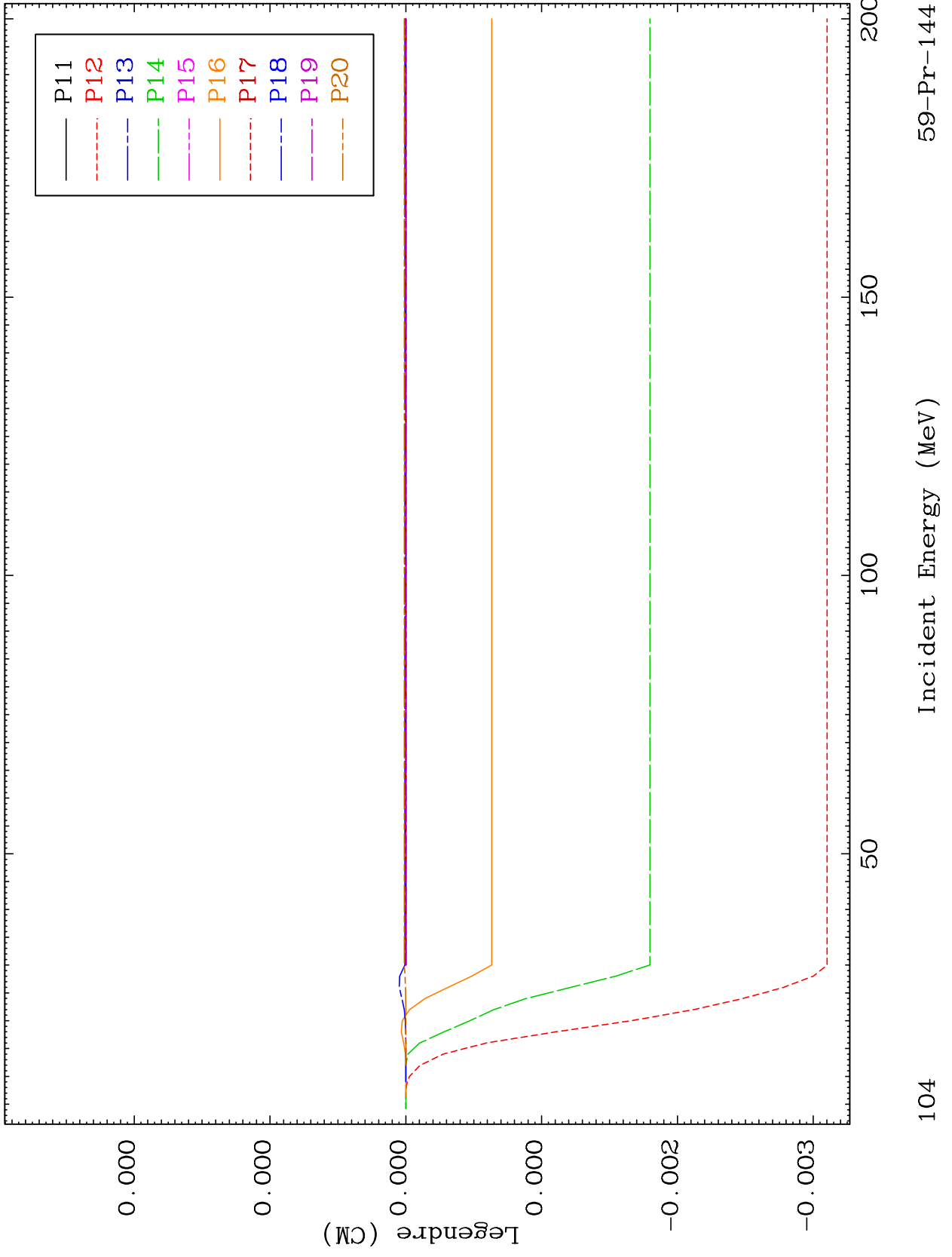


59-Pr-144

MAT 5934

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

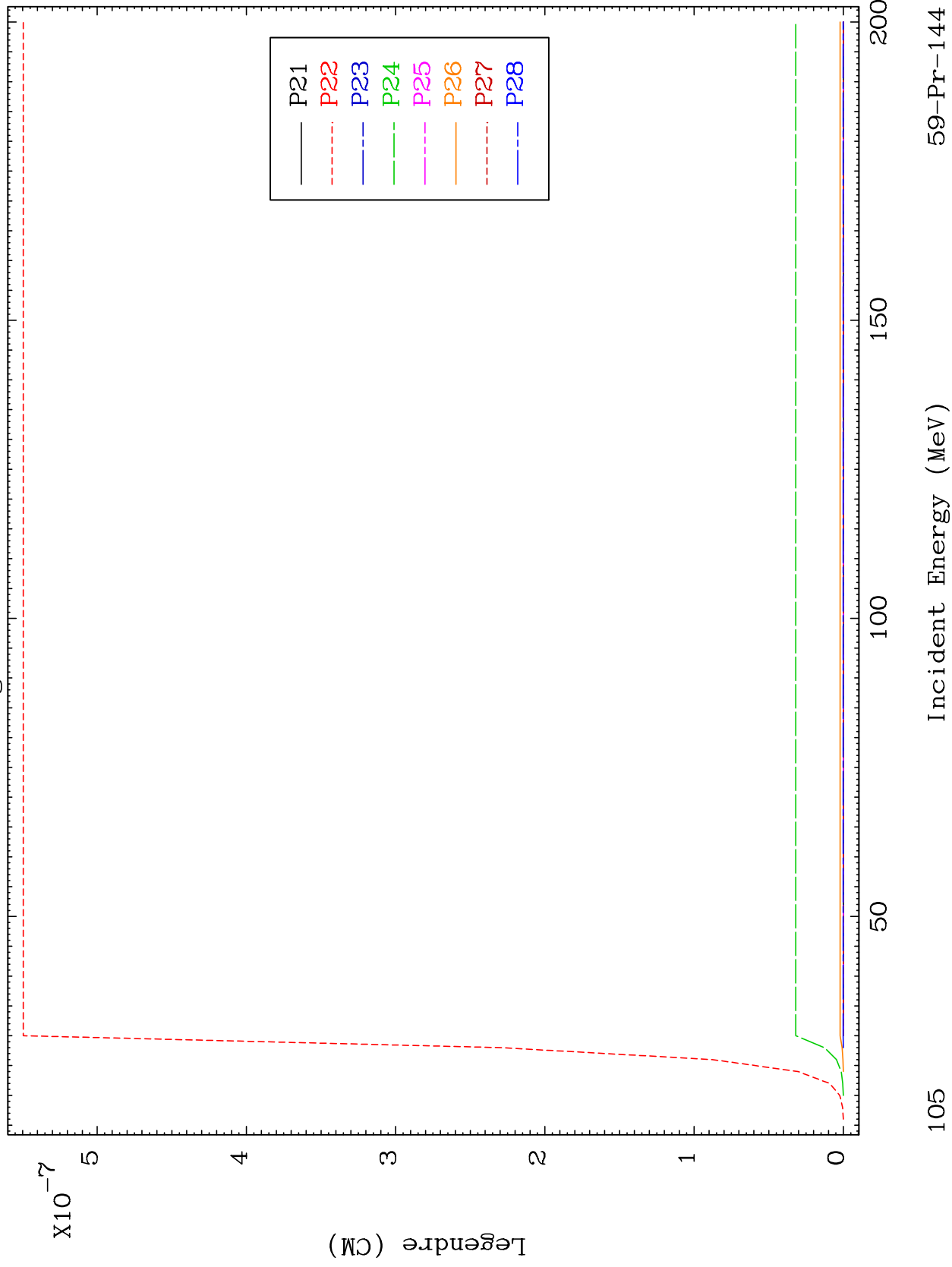
59-Pr-144



MAT 5934

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

59-Pr-144

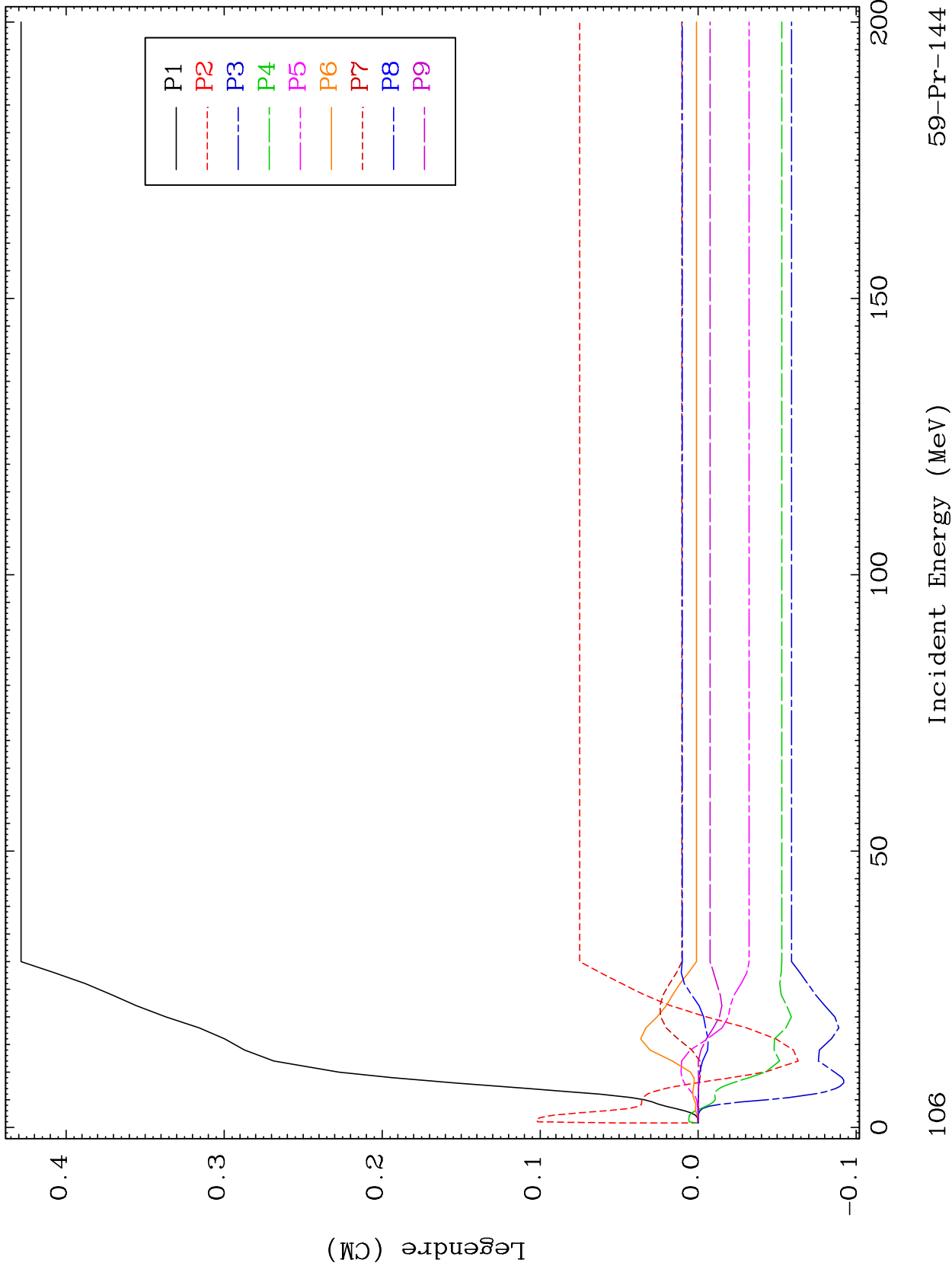


59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

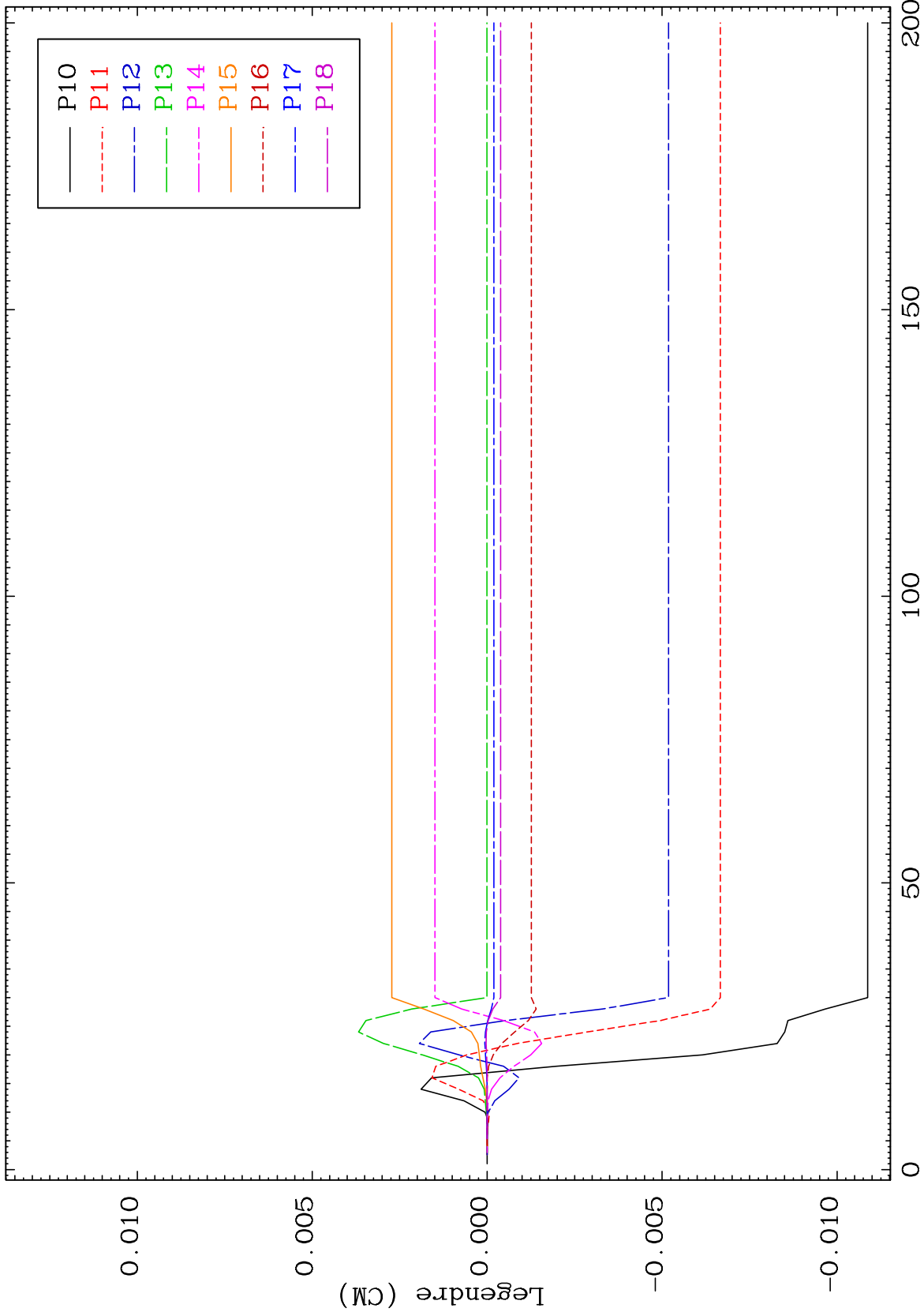
Incident Energy (MeV)

106

MAT 5934

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

59-Pr-144



107

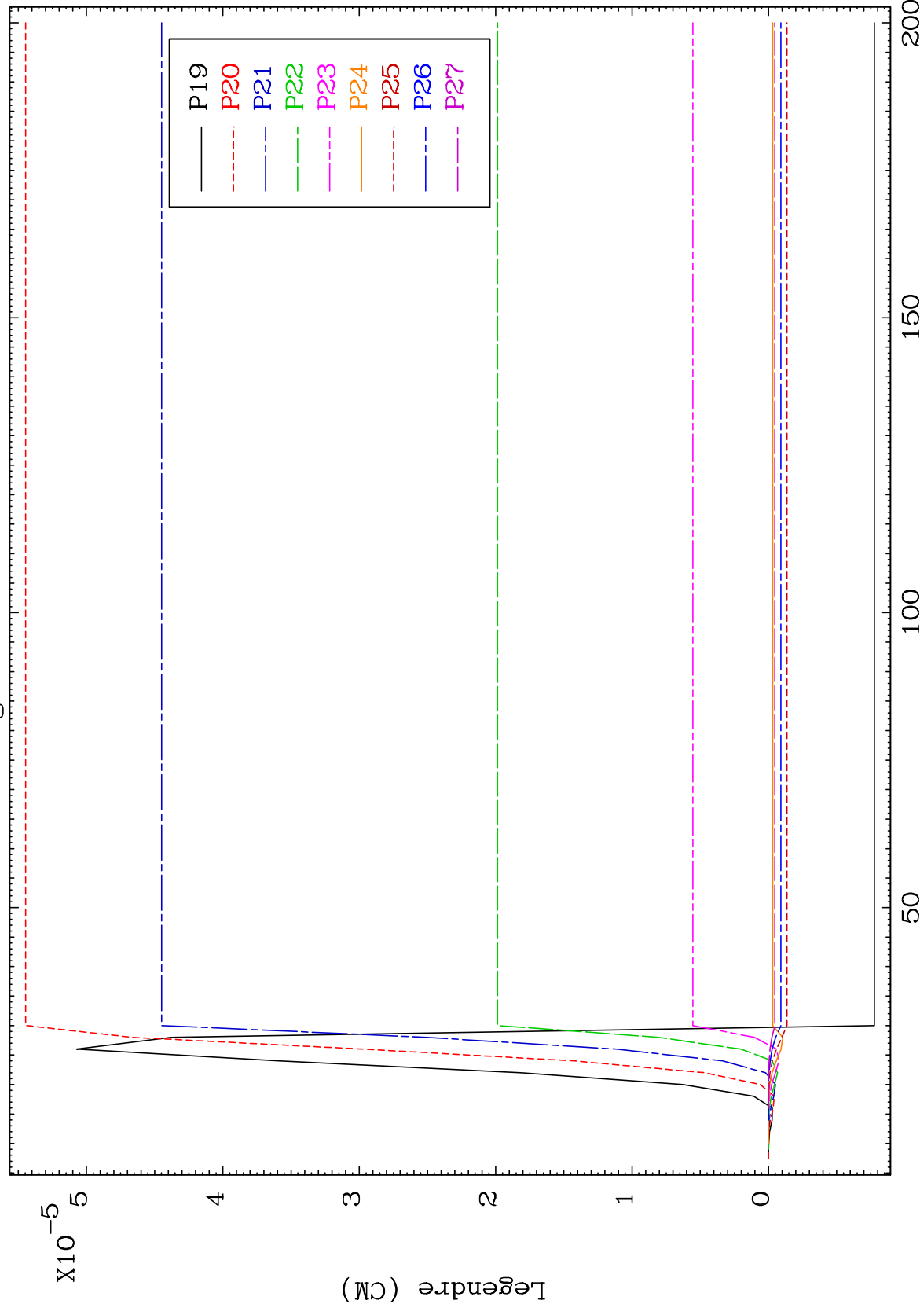
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



108

Incident Energy (MeV)

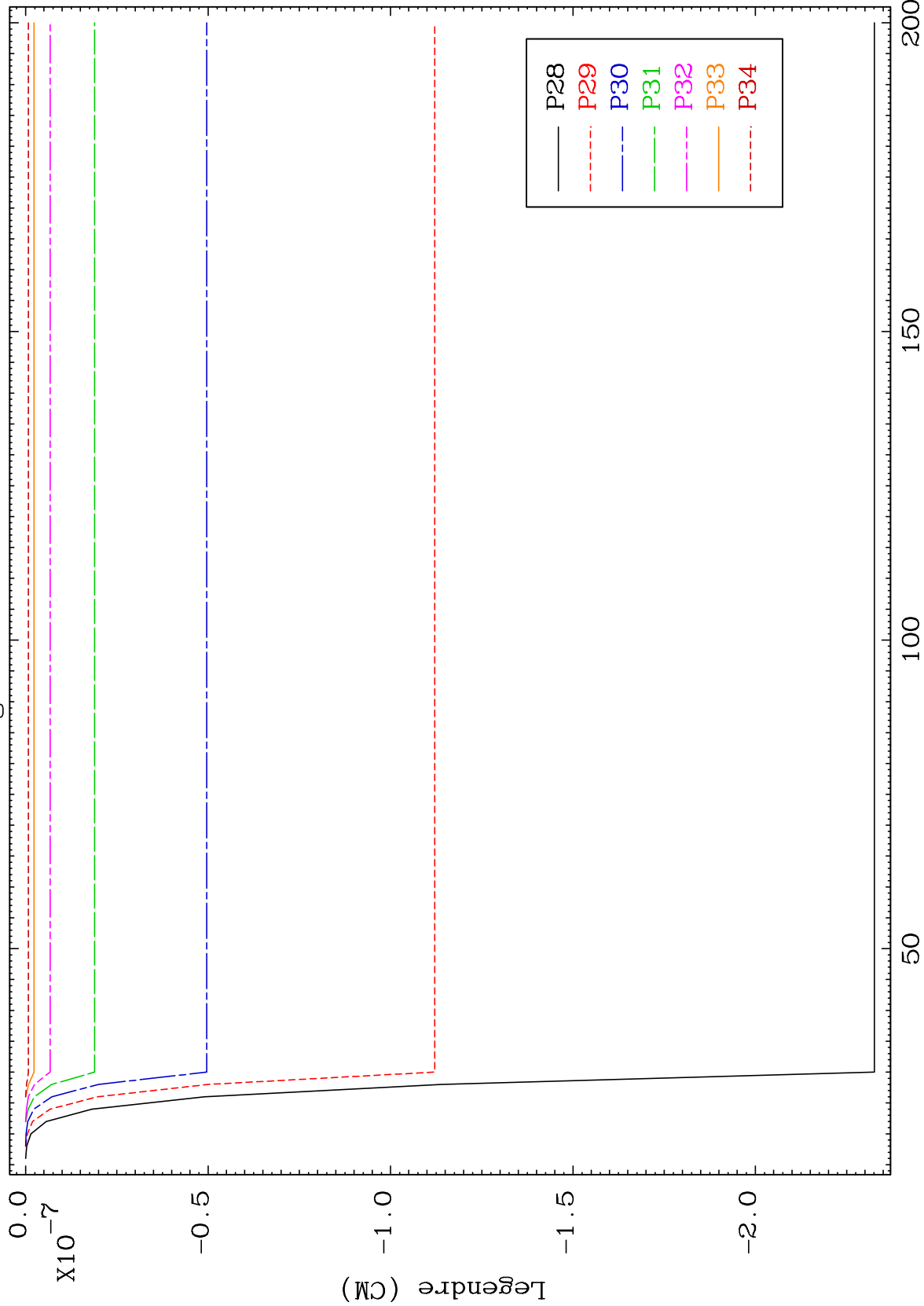
59-Pr-144

MAT 5934

MT= 75 (n,n') Level

59-Pr-144

Legendre Coefficients



109

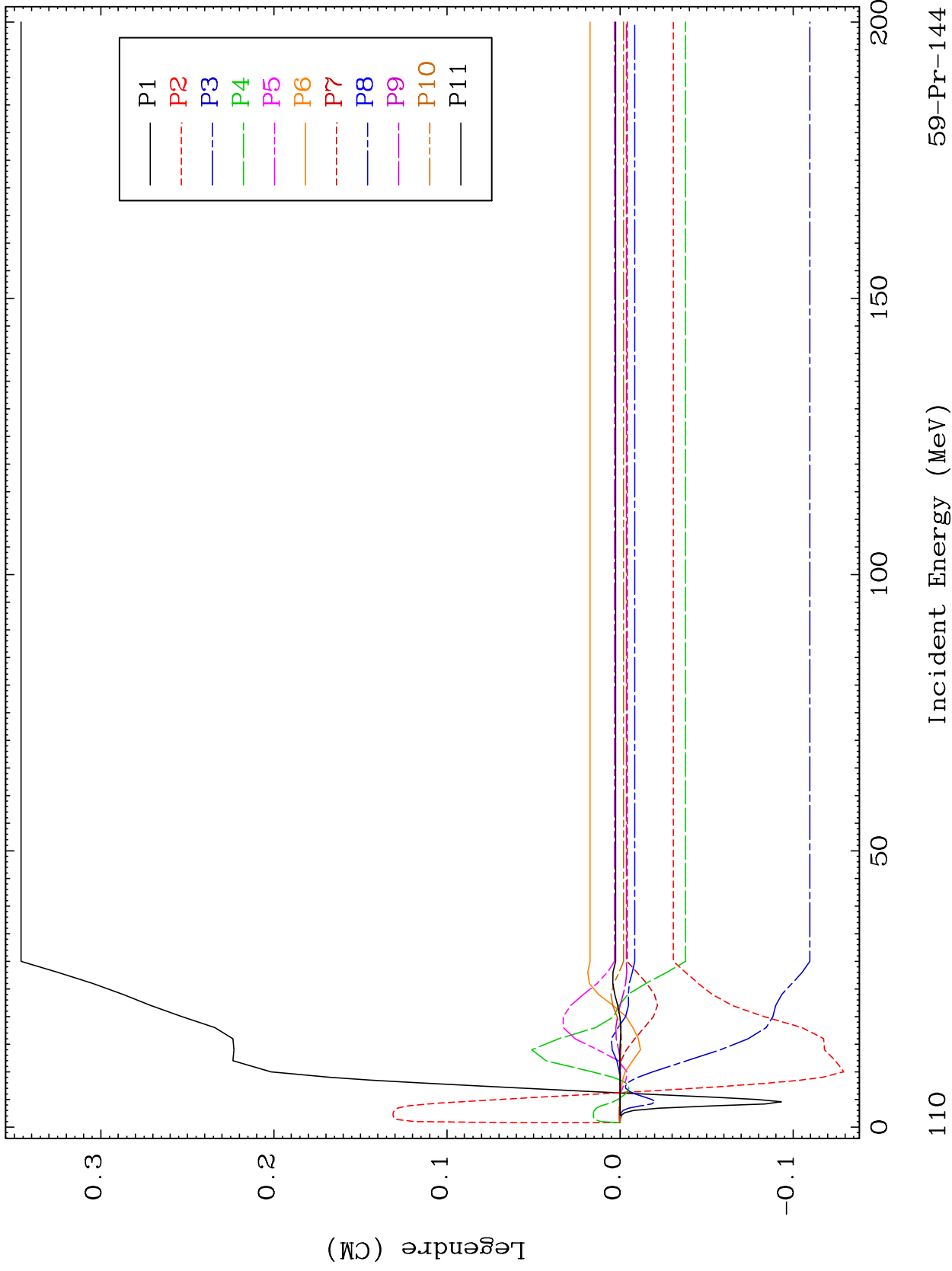
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144

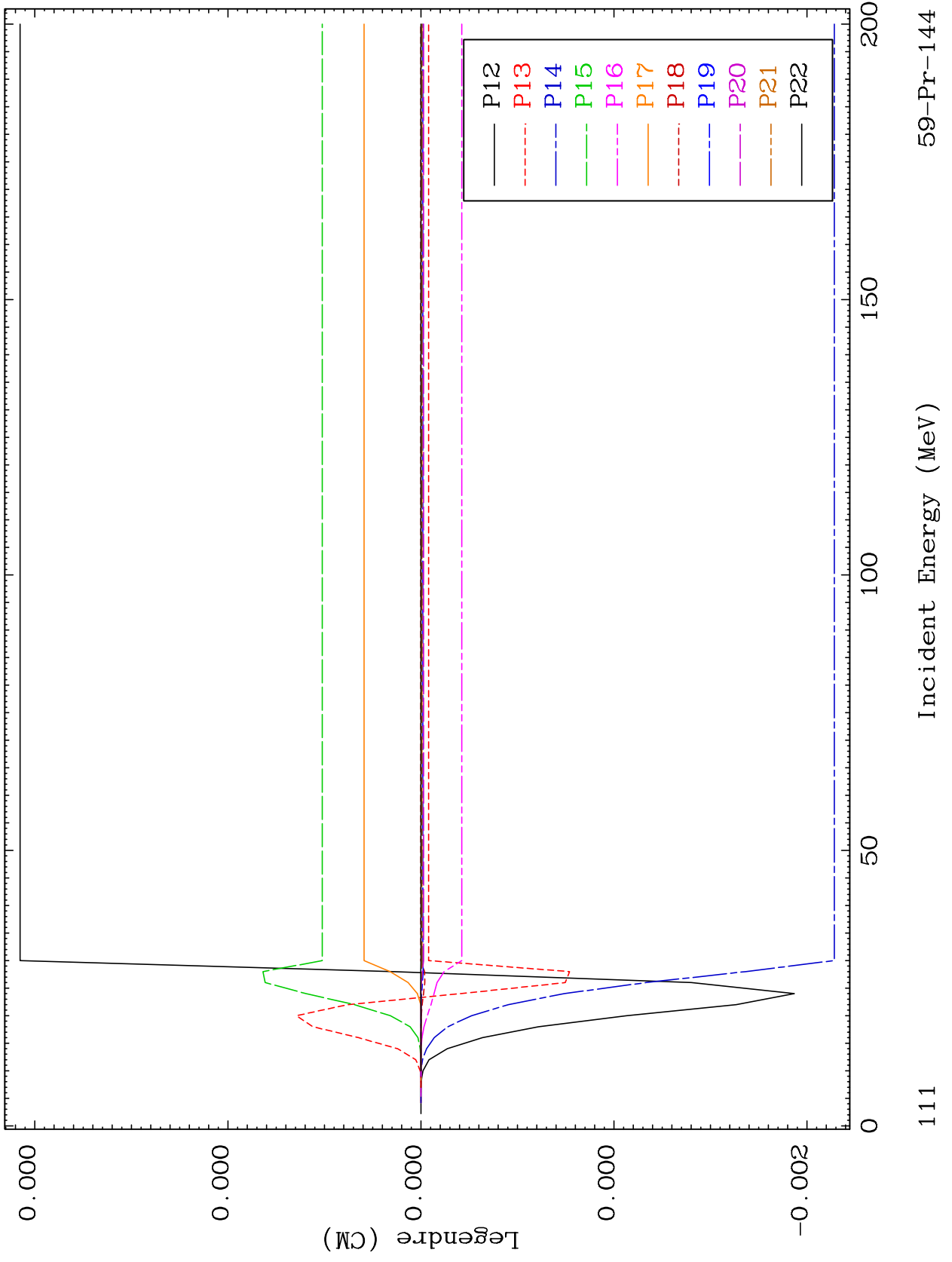


59-Pr-144

MAT 5934

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

59-Pr-144



111

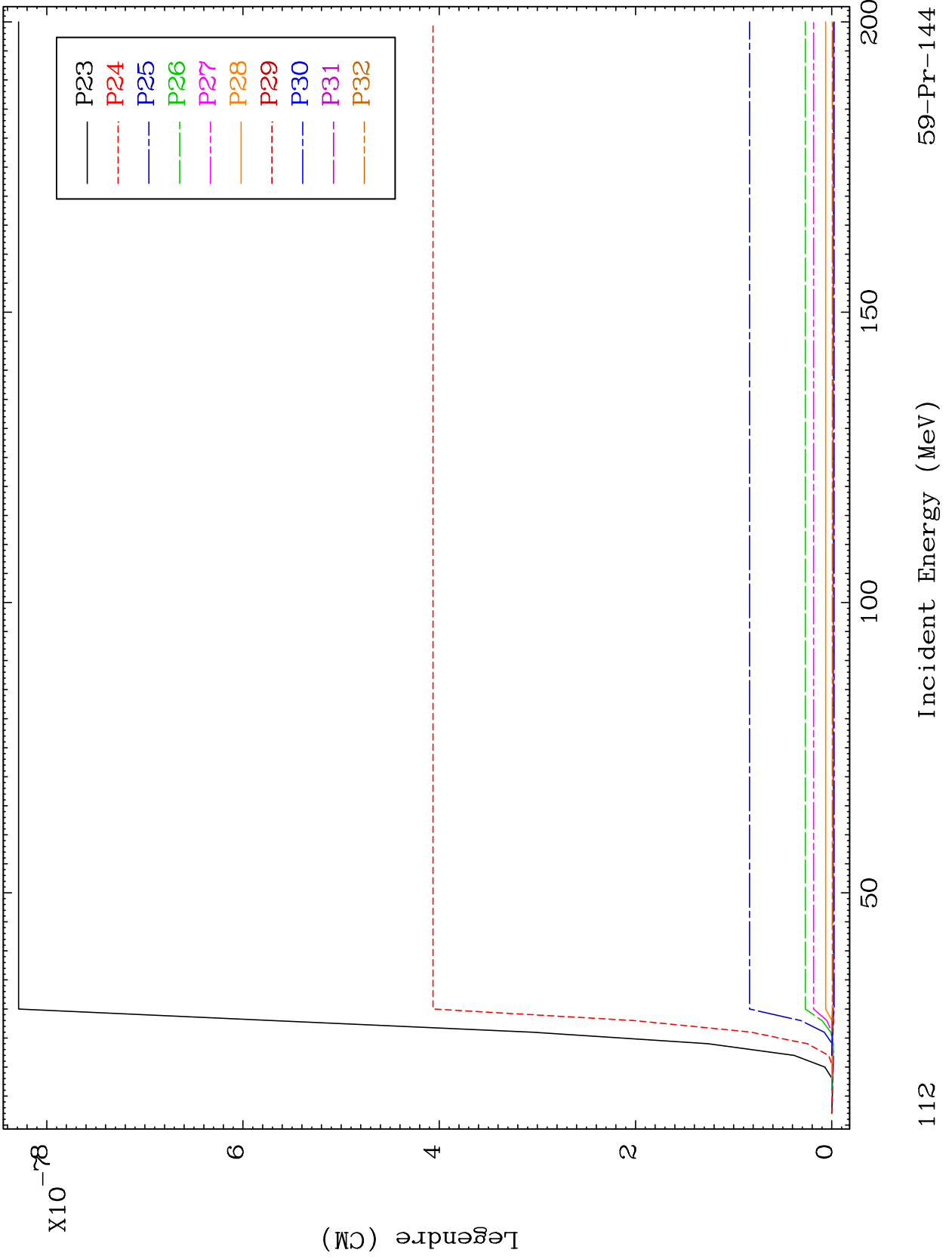
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

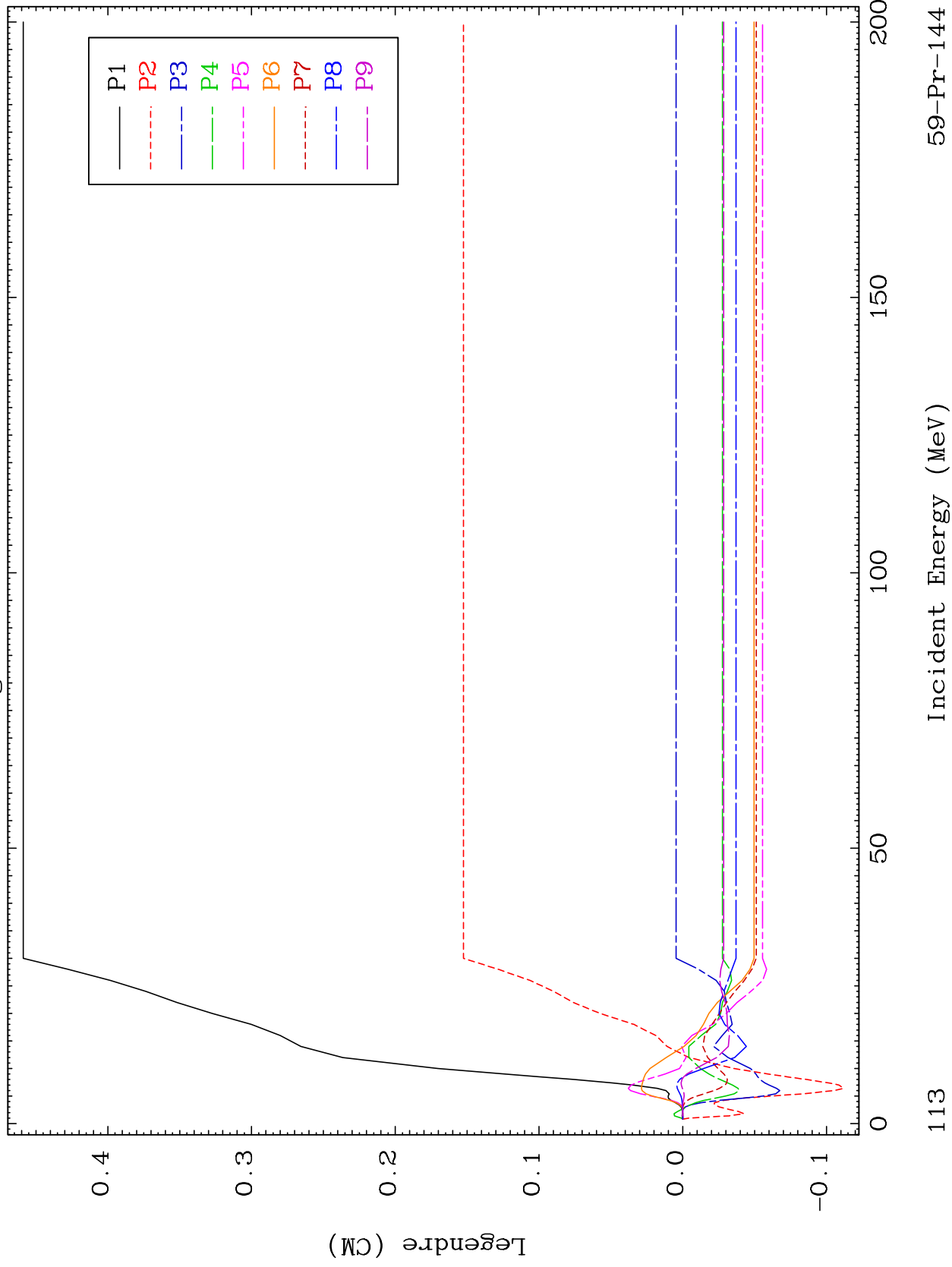
59-Pr-144



MAT 5934

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

59-Pr-144



59-Pr-144

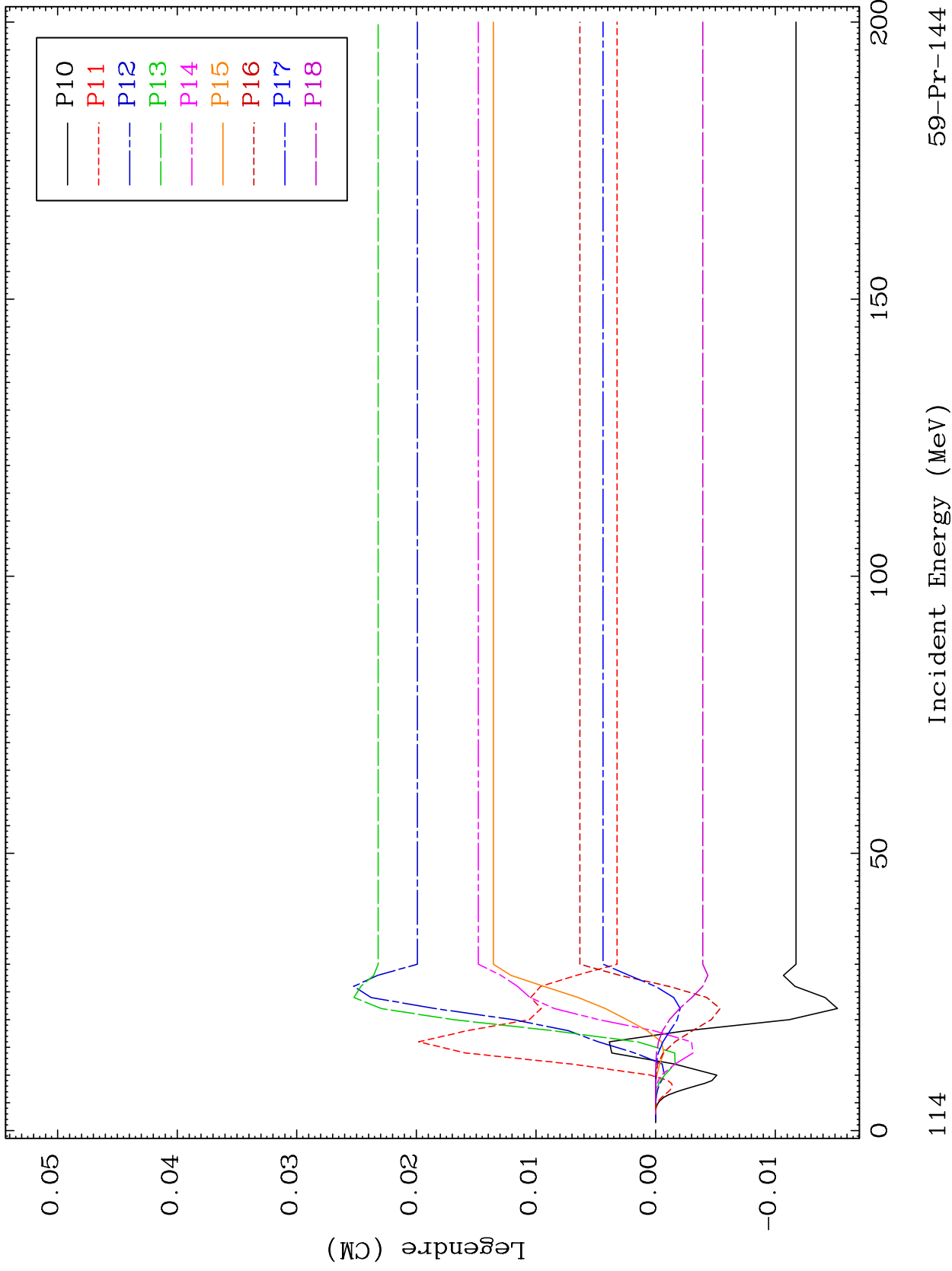
Incident Energy (MeV)

113

MAT 5934

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

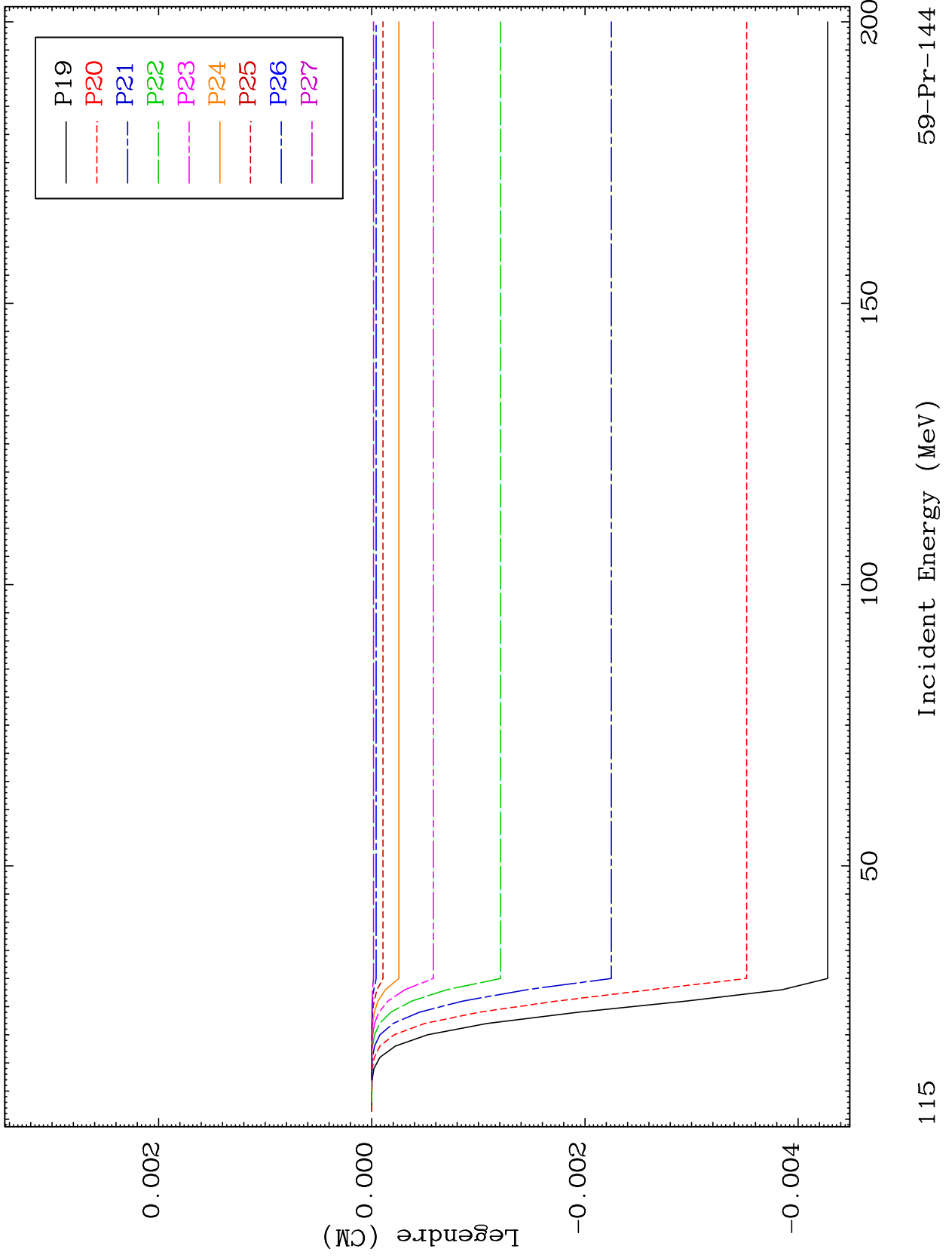
59-Pr-144



MAT 5934

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

59-Pr-144



115

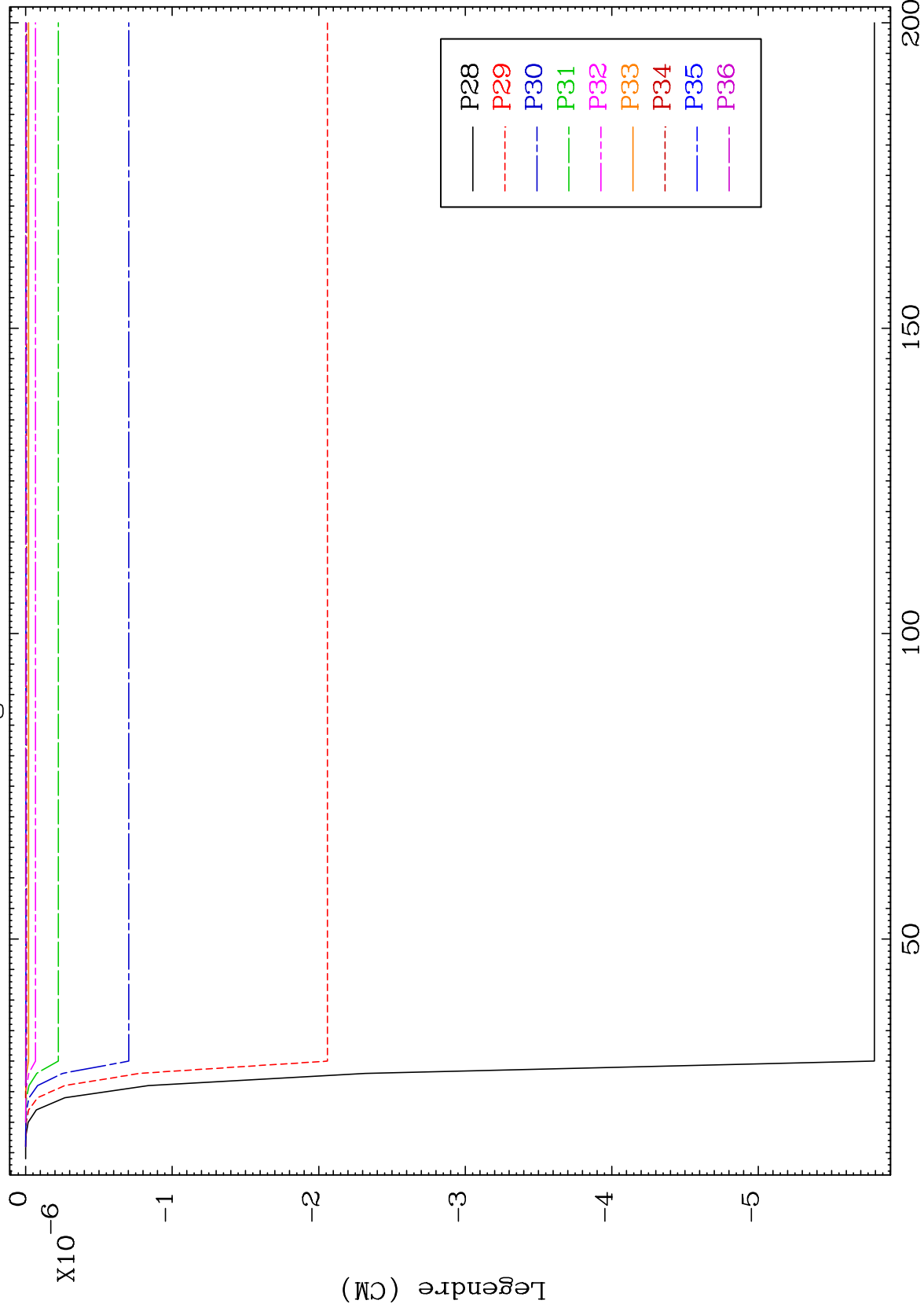
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



116

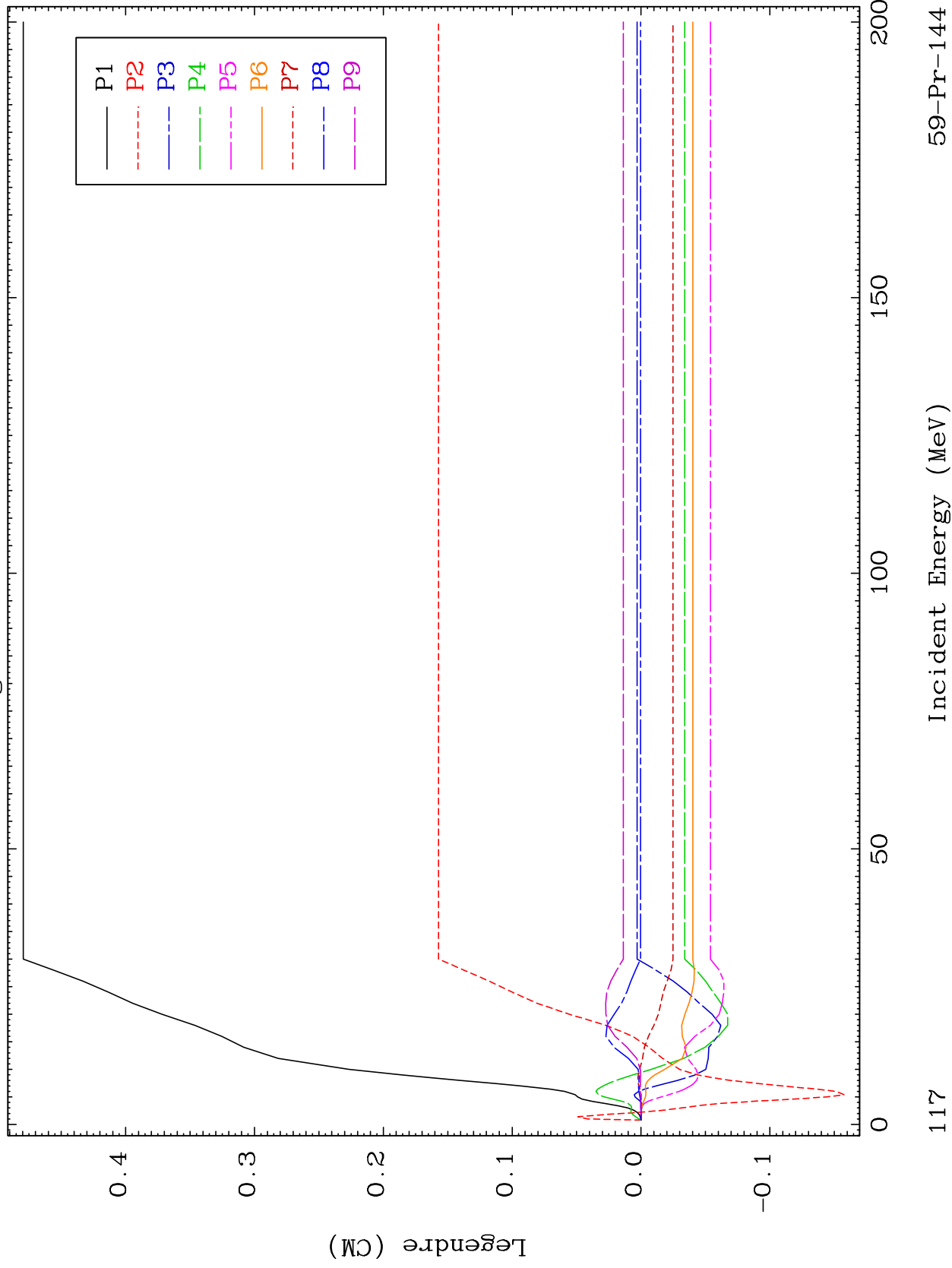
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



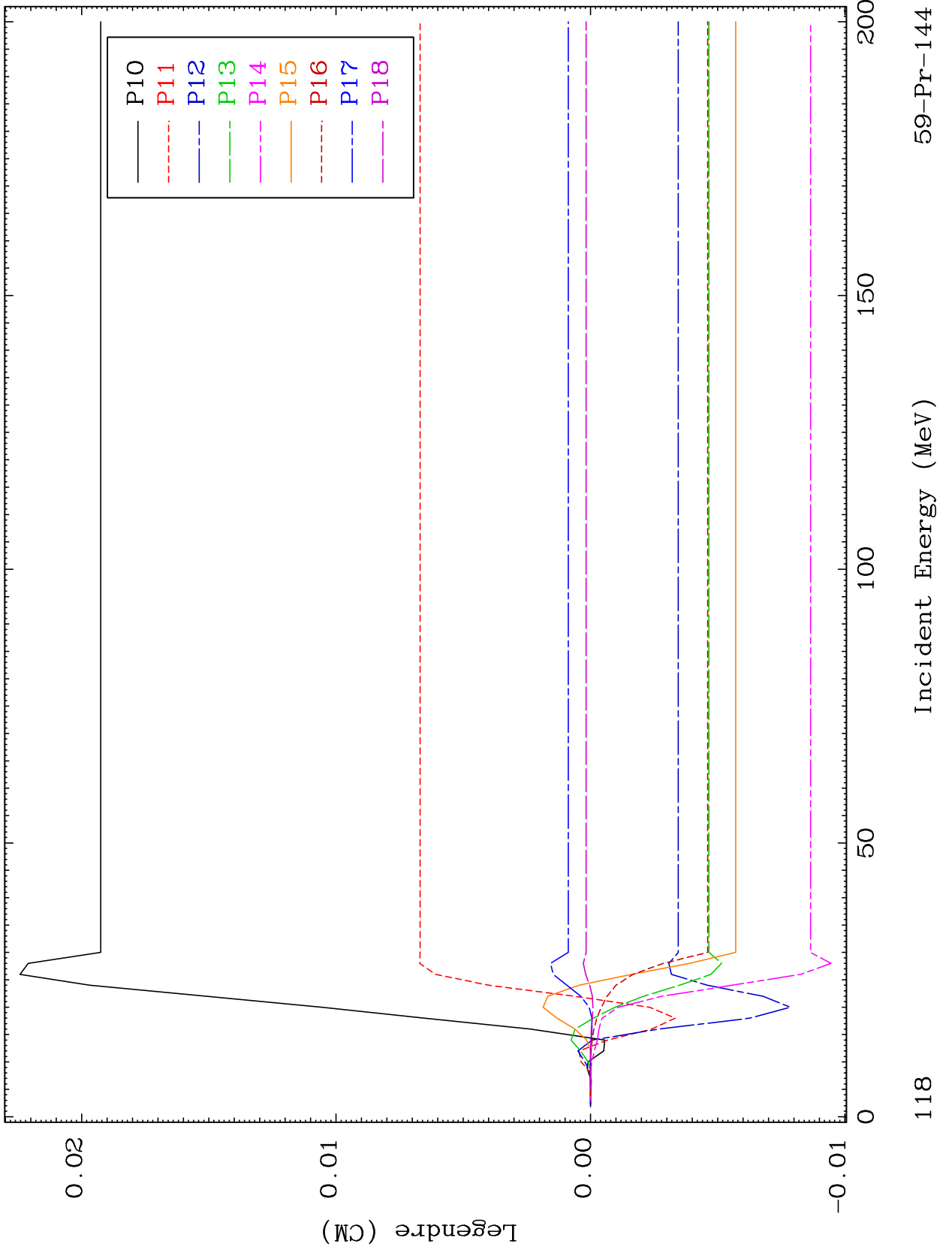
117

59-Pr-144

MAT 5934

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

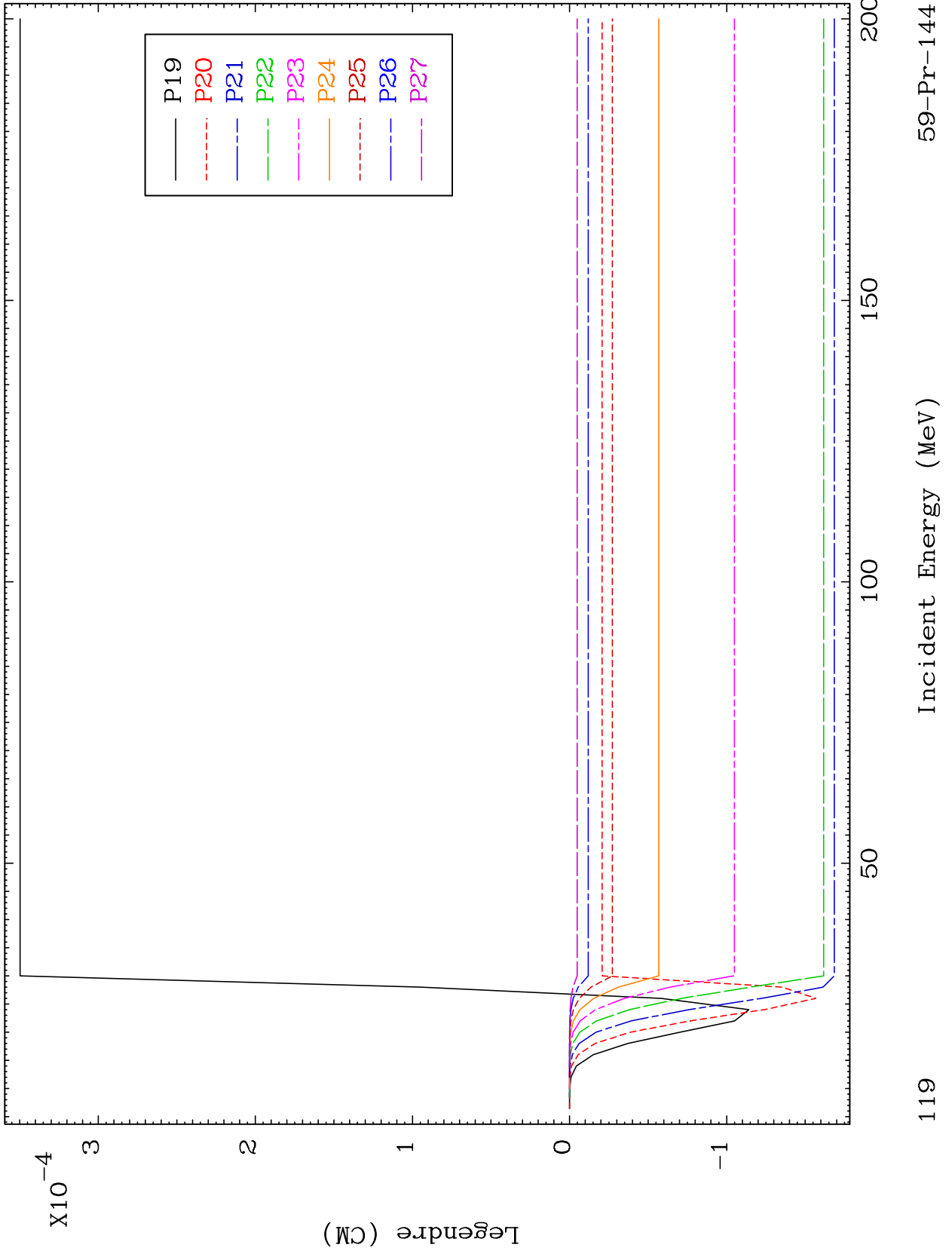
59-Pr-144



59-Pr-144

Incident Energy (MeV)

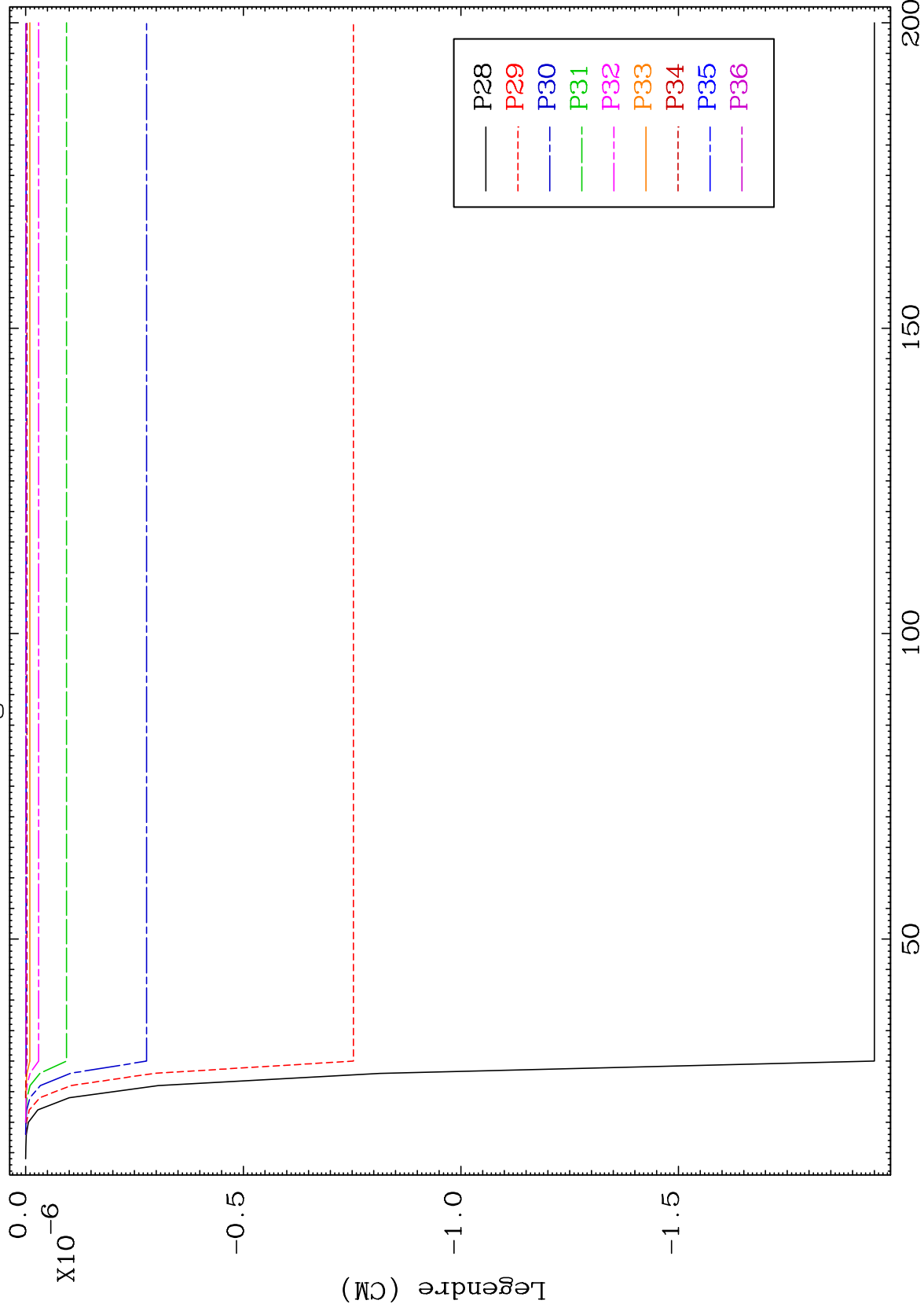
118



MAT 5934

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

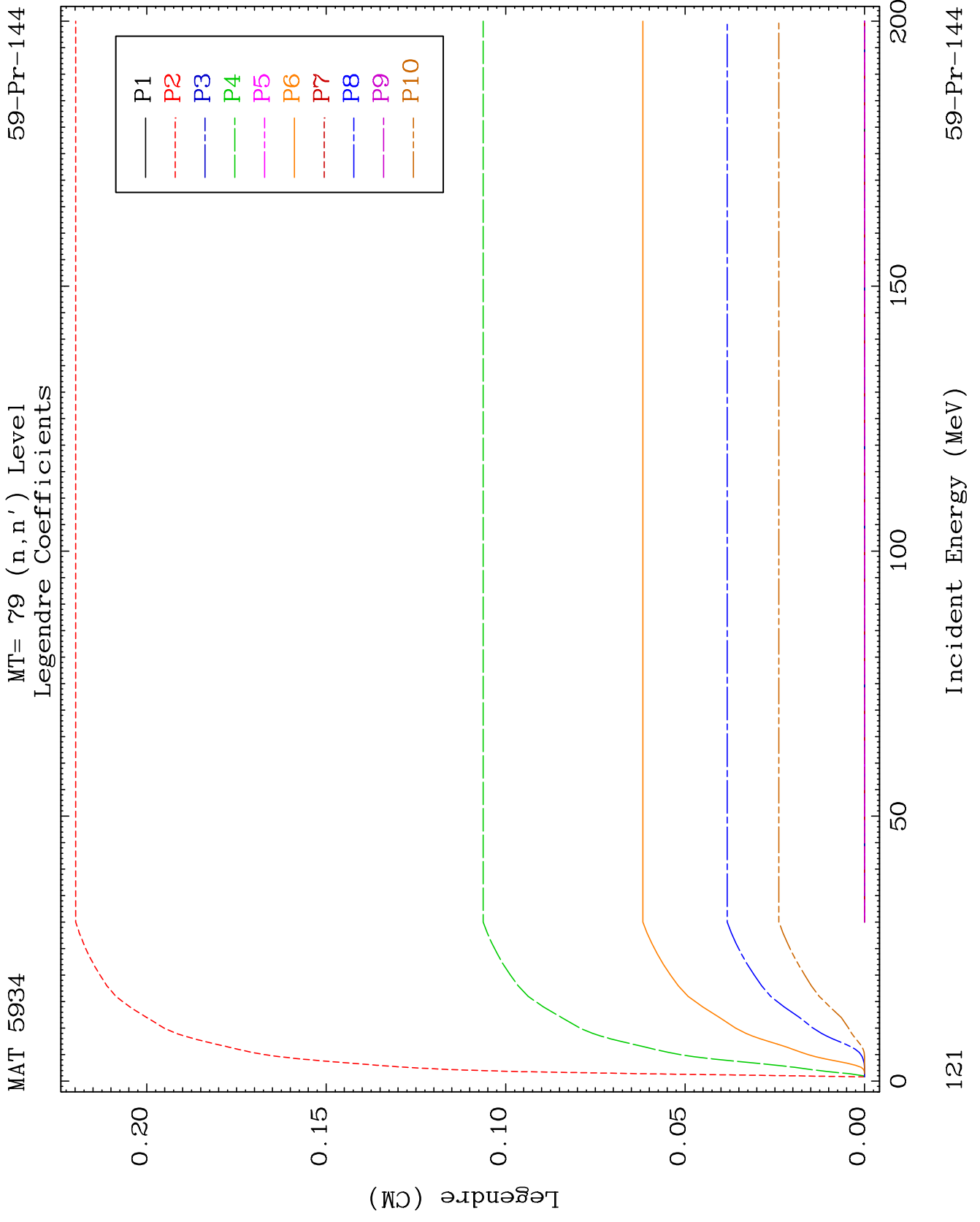
59-Pr-144



120

Incident Energy (MeV)

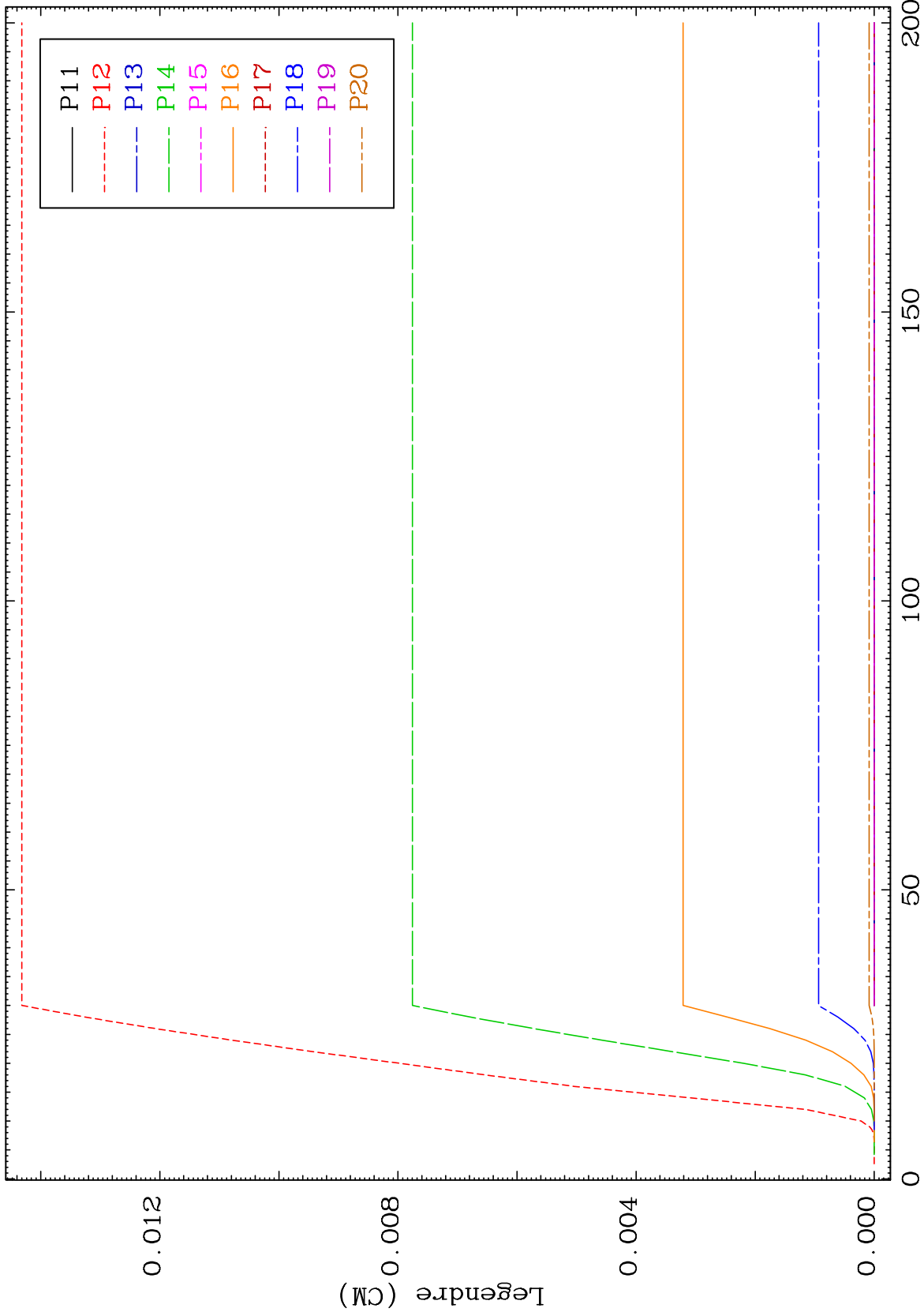
59-Pr-144



MAT 5934

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

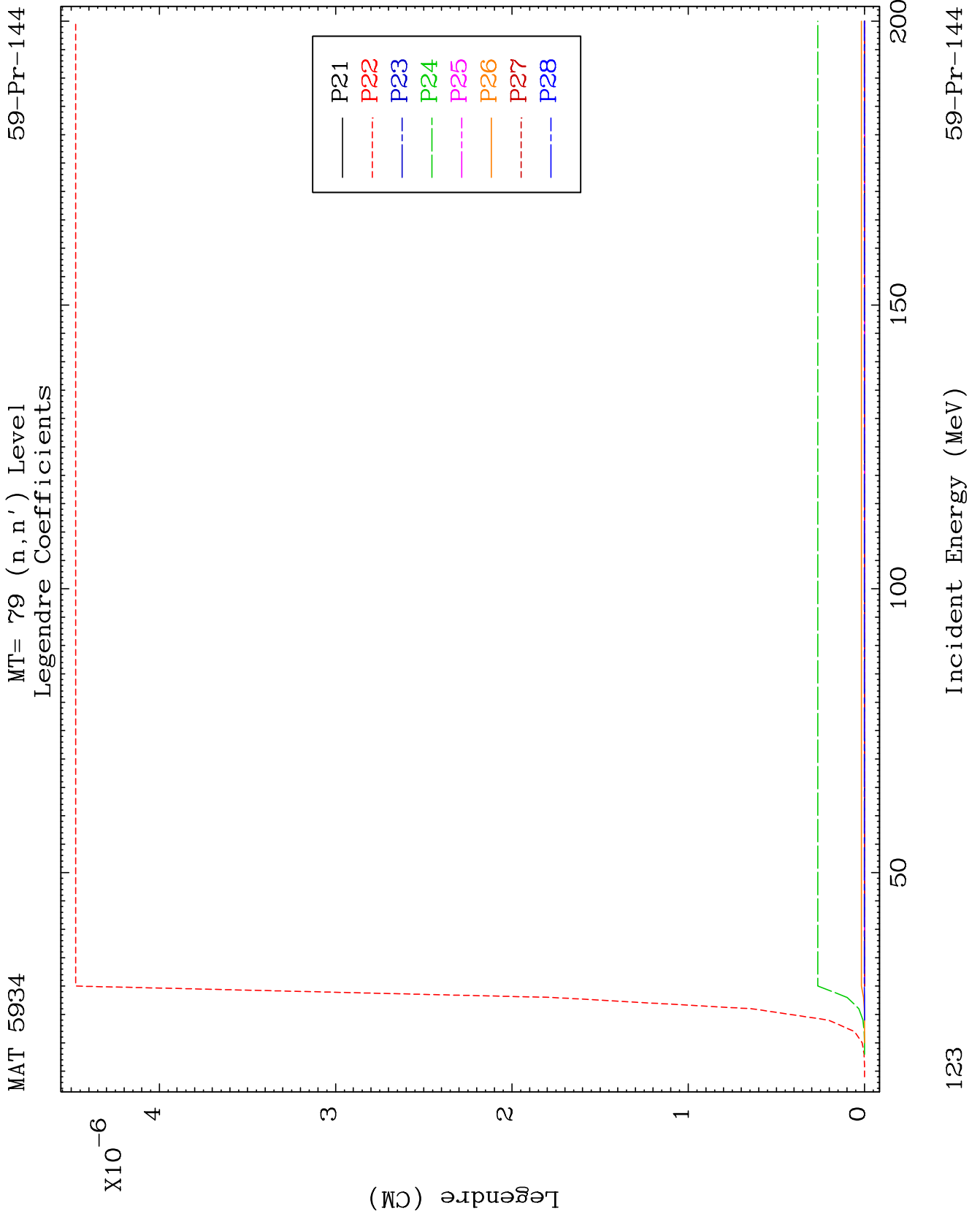
59-Pr-144



59-Pr-144

Incident Energy (MeV)

122



59-Pr-144

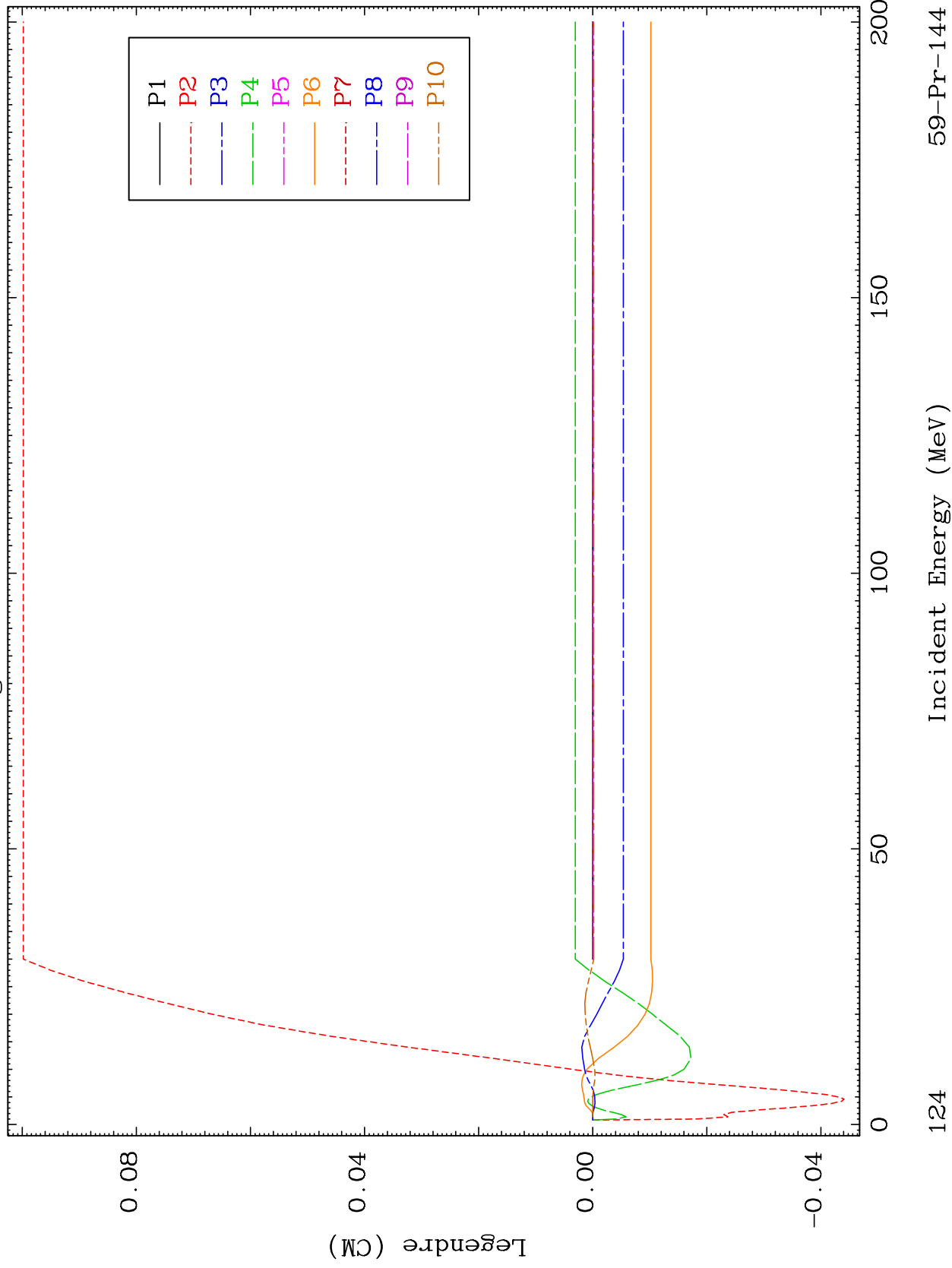
Incident Energy (MeV)

123

MAT 5934

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

59-Pr-144

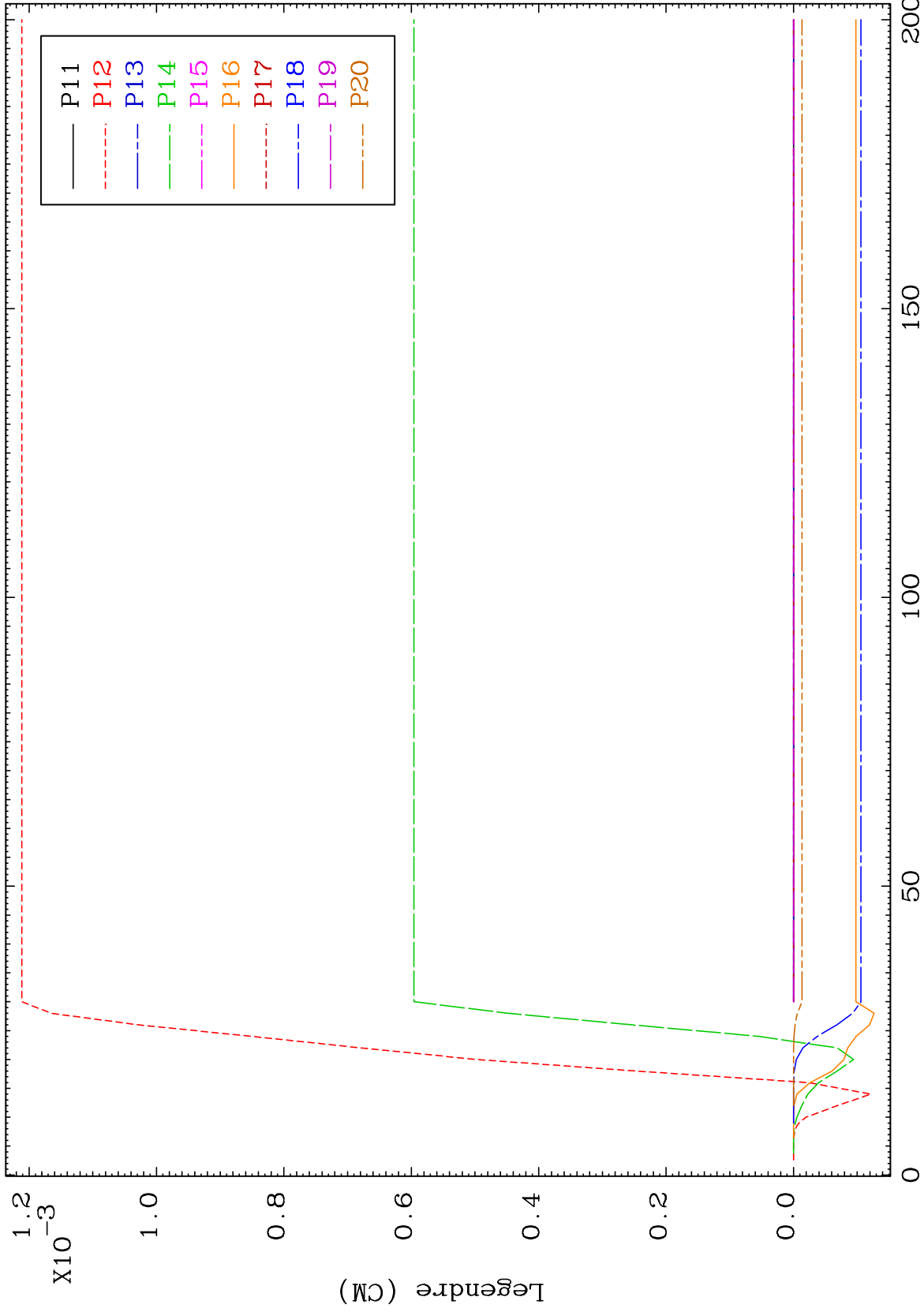


MAT 5934

MT= 80 (n,n') Level

59-Pr-144

Legendre Coefficients



125

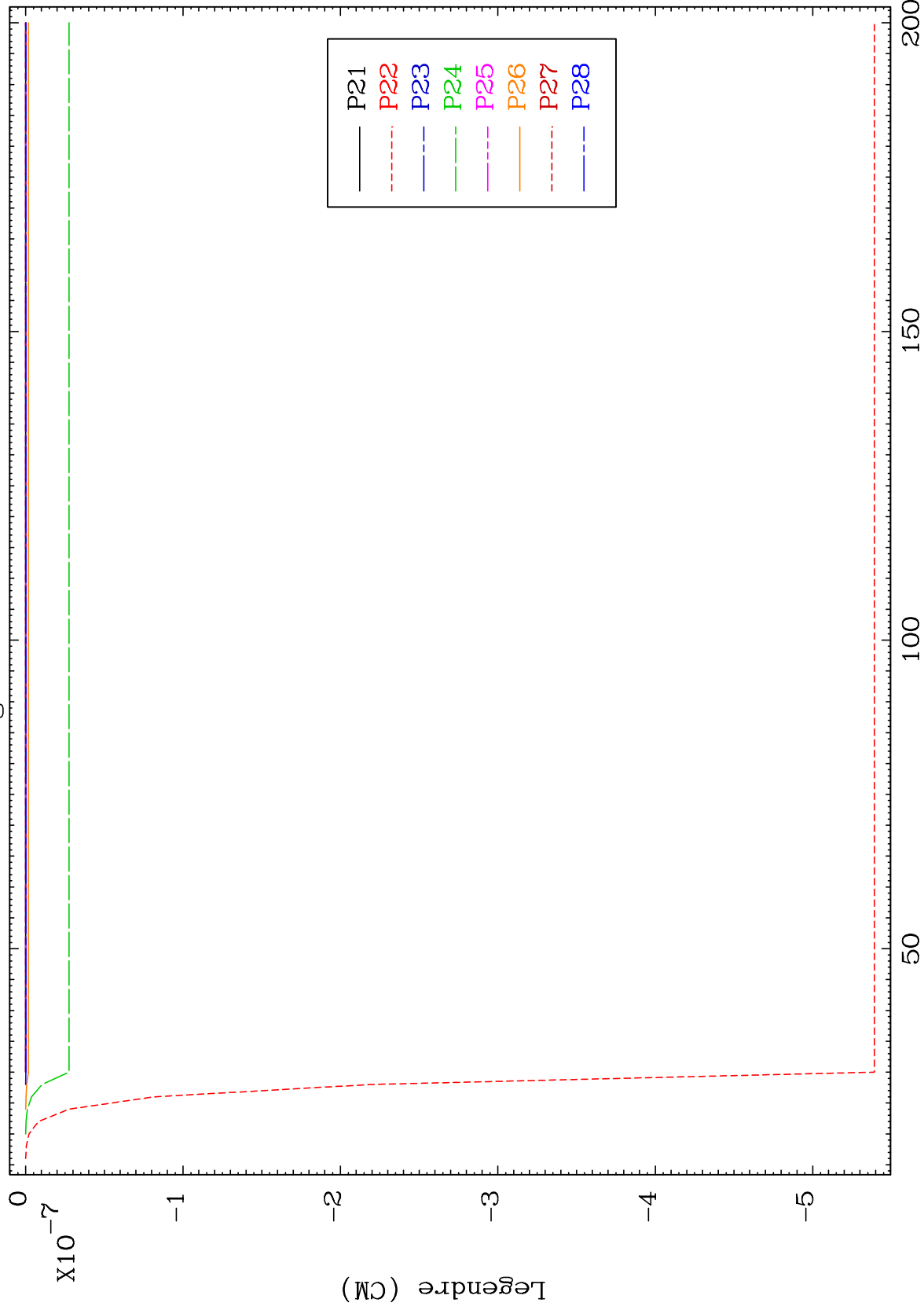
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



126

Incident Energy (MeV)

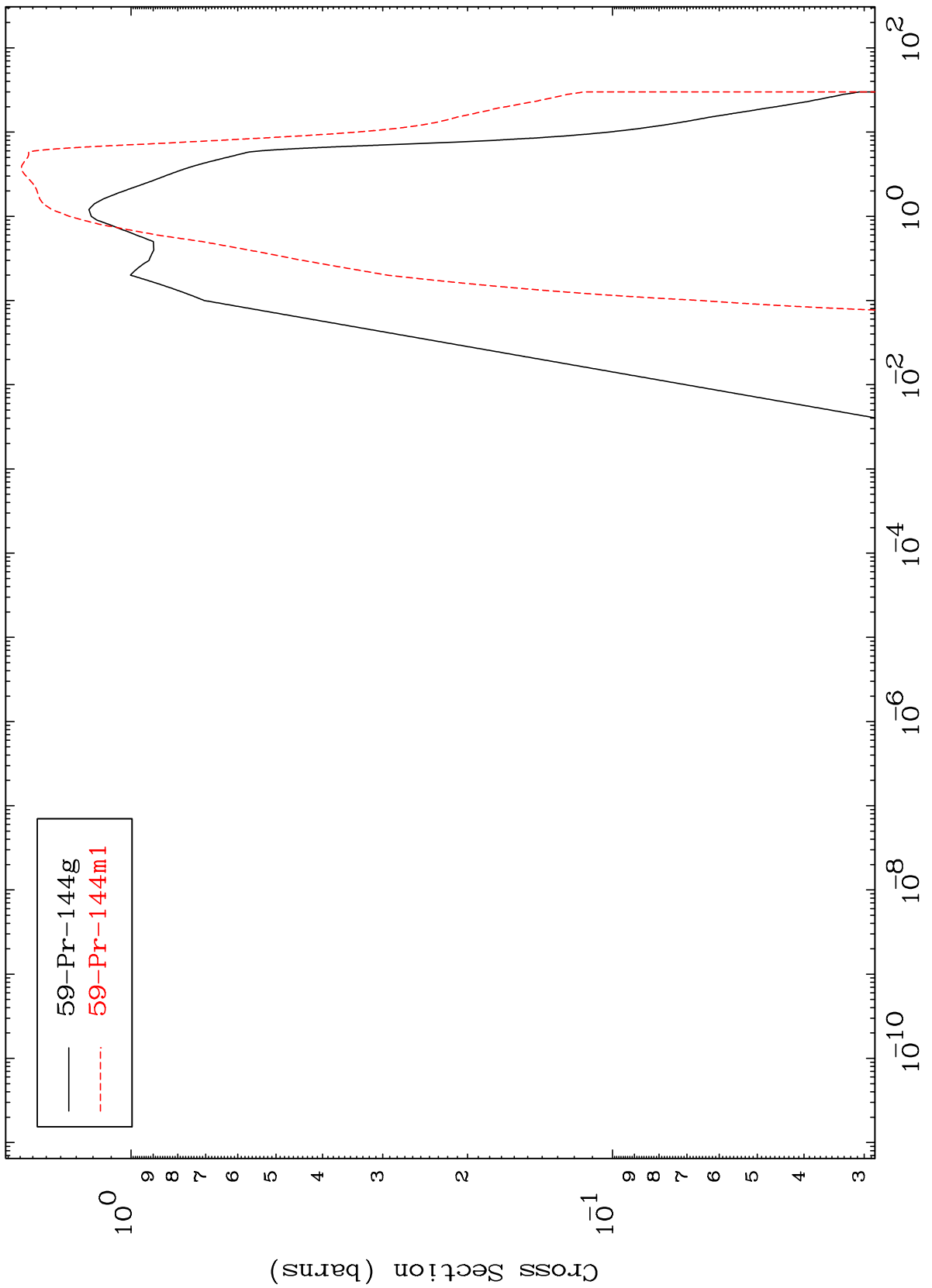
59-Pr-144

MAT 5934

Inelastic

59-Pr-144

Radionuclide Production Cross Section

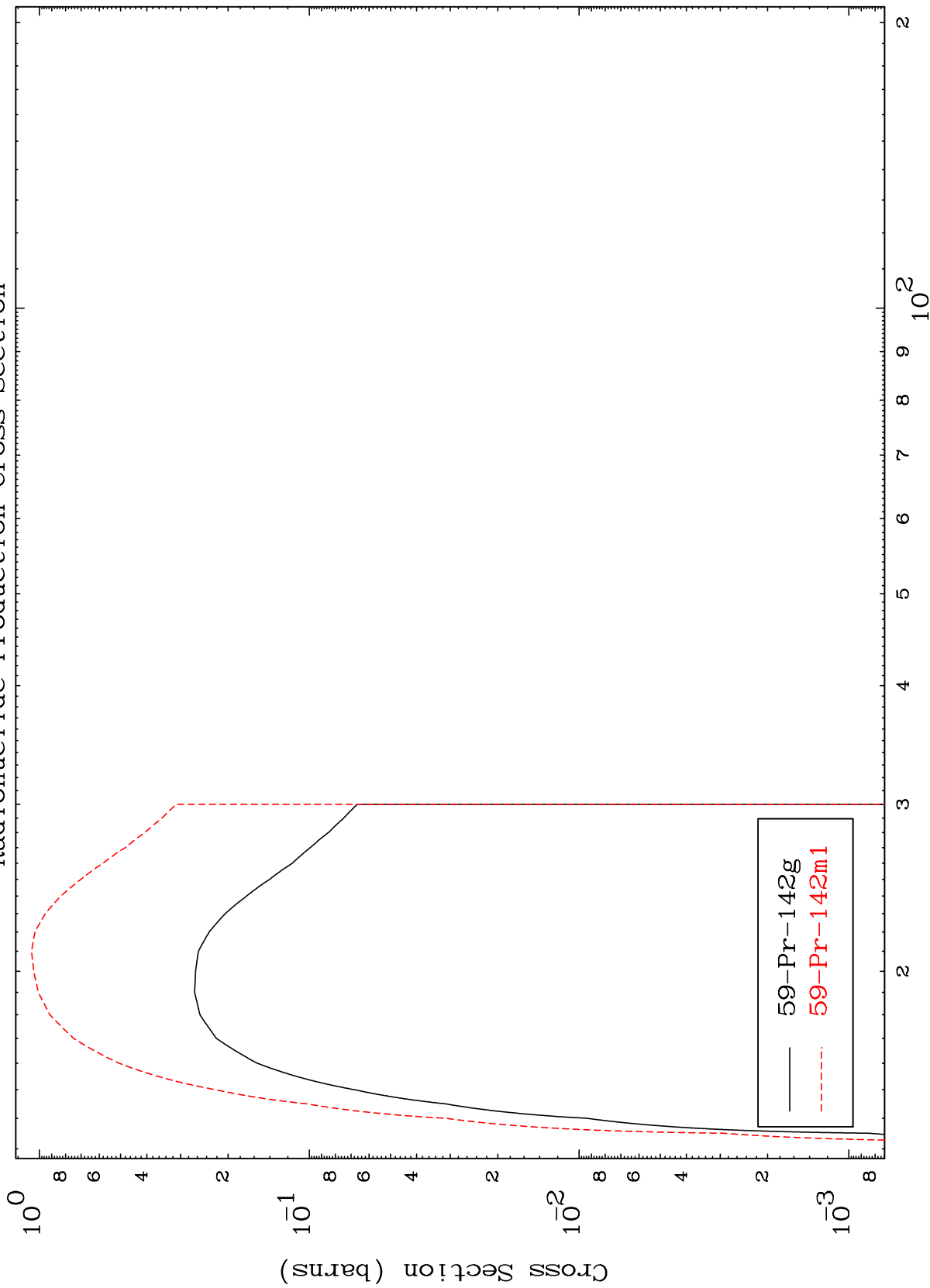


59-Pr-144g
59-Pr-144m1

MAT 5934

59-Pr-144

(n,3n)
Radionuclide Production Cross Section



59-Pr-144

Incident Energy (MeV)

128

MAT 5934

(n,n') 2α

59-Pr-144

Radionuclide Production Cross Section

