

Program EVALPLOT
(Version 2018-1)

by

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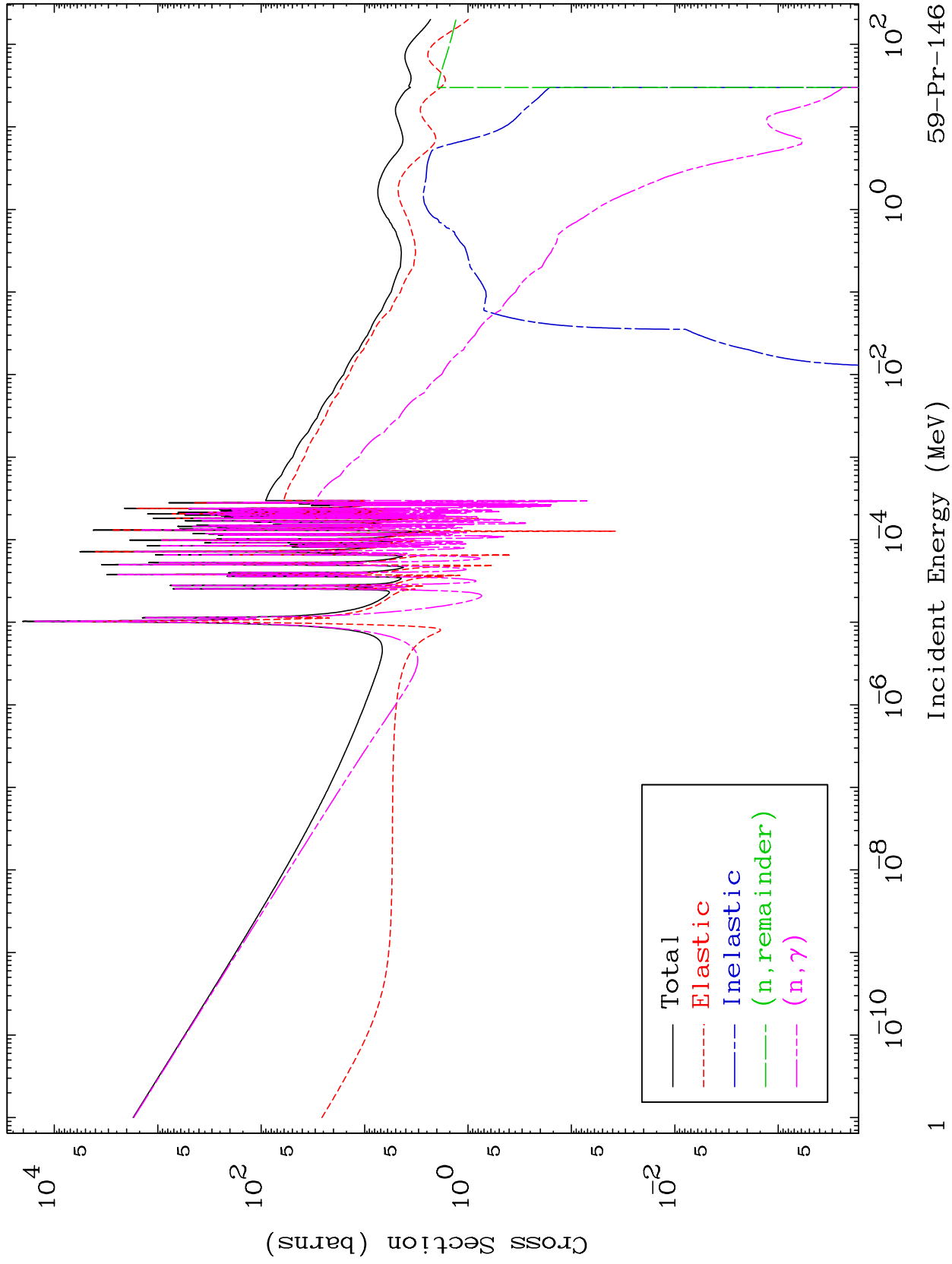
Press Mouse Button to Start

MAT 5940

Major

293 Kelvin Cross Sections

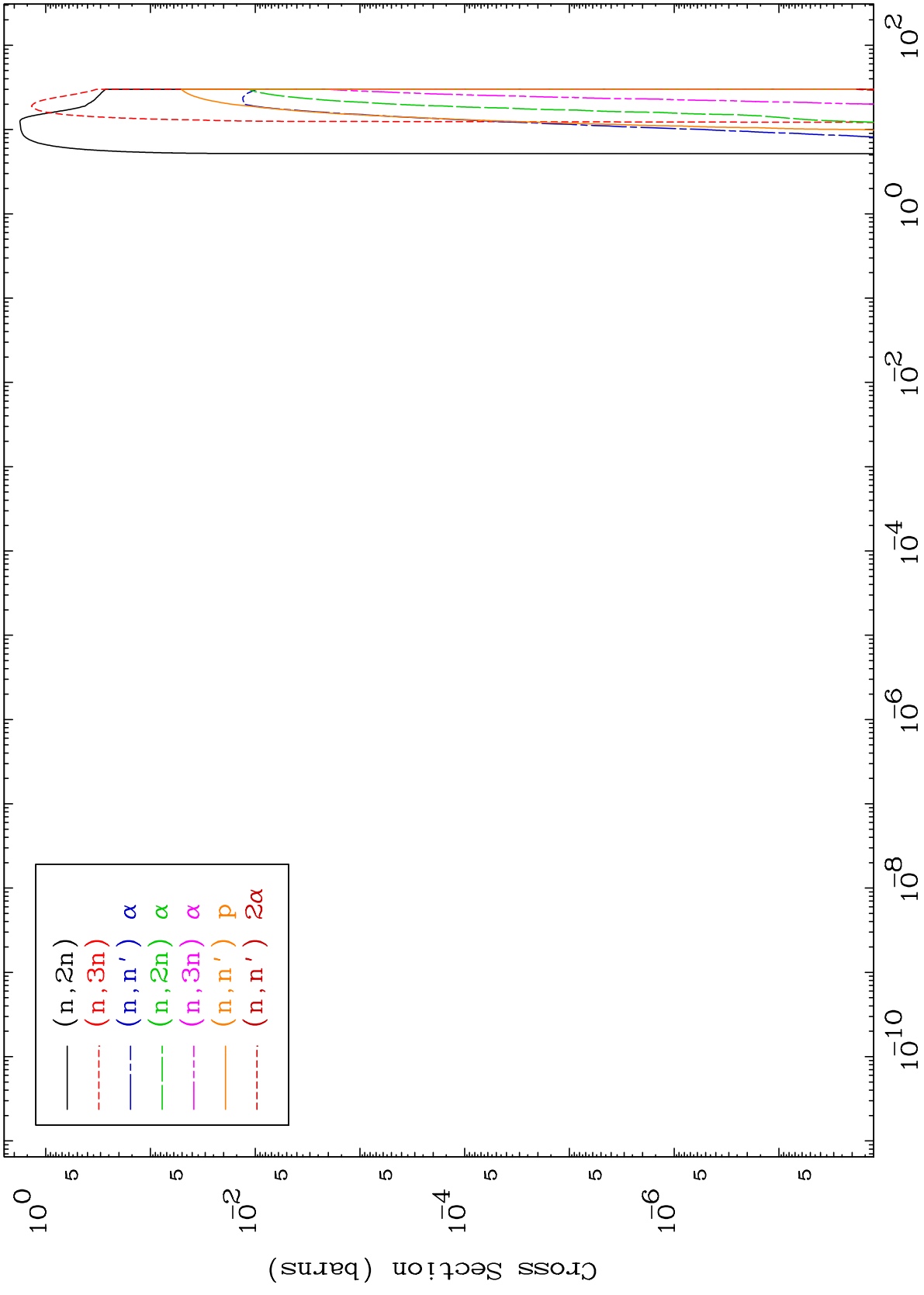
59-Pr-146



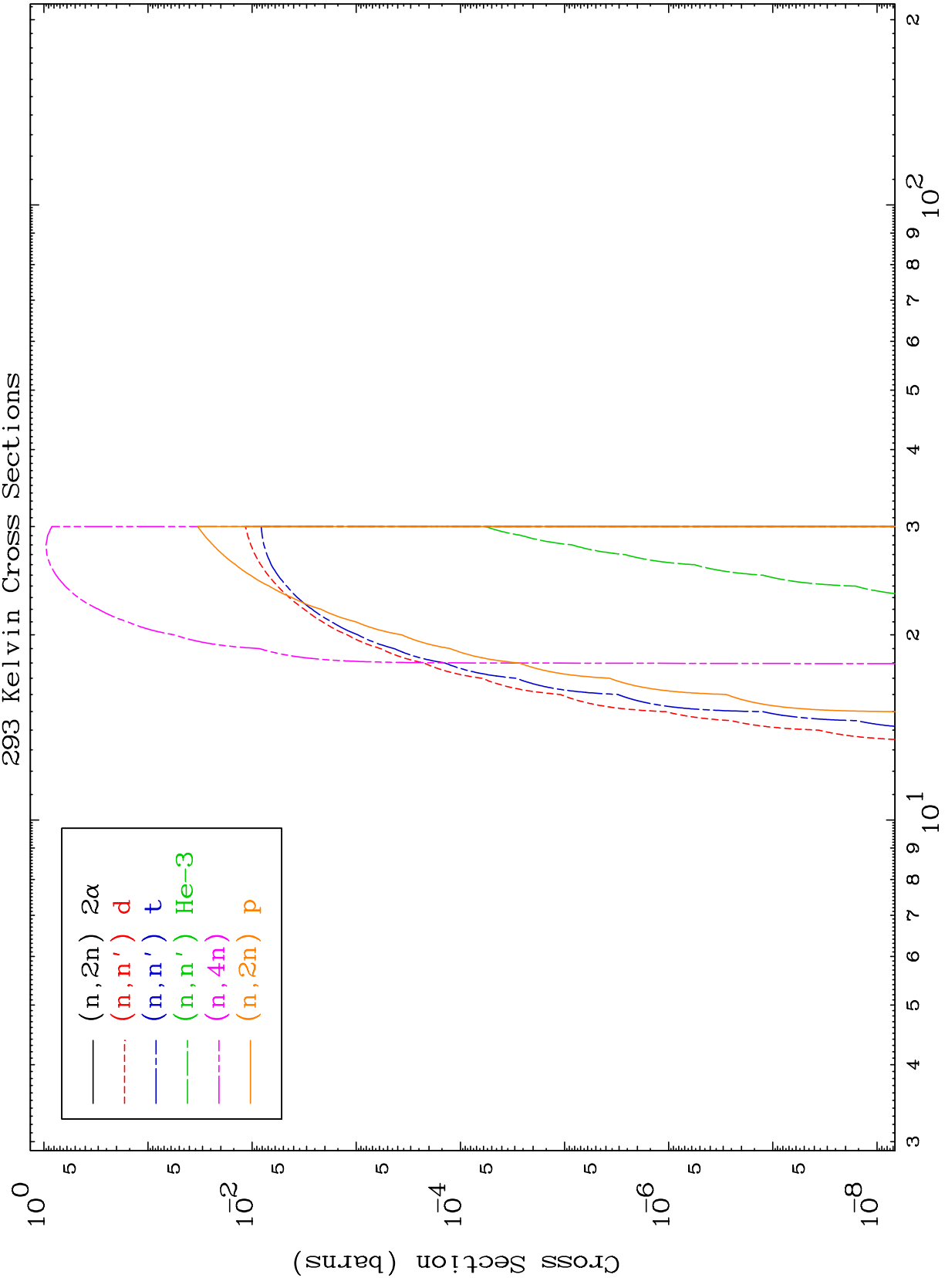
MAT 5940

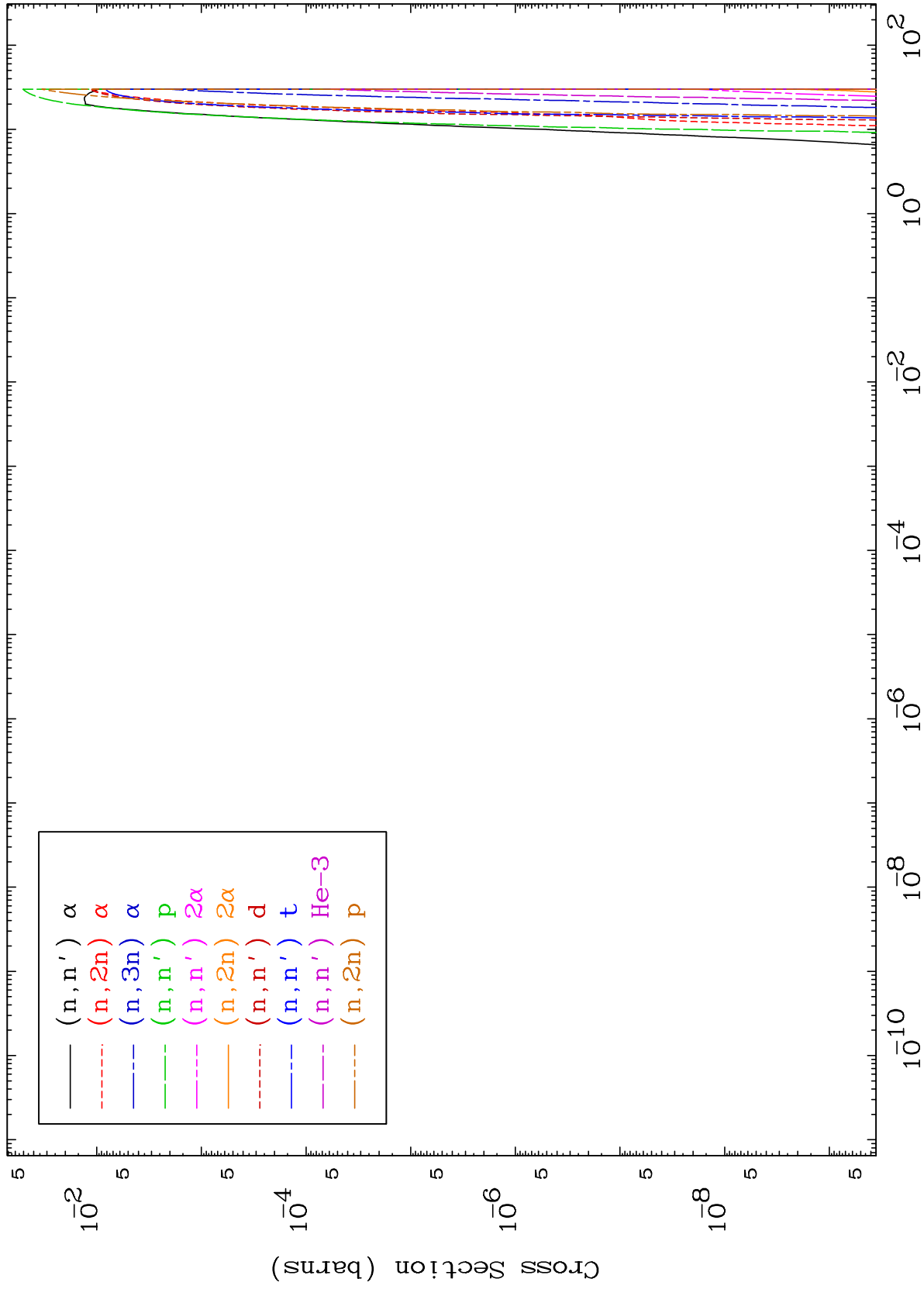
Neutron Production
293 Kelvin Cross Sections

59-Pr-146



59-Pr-146

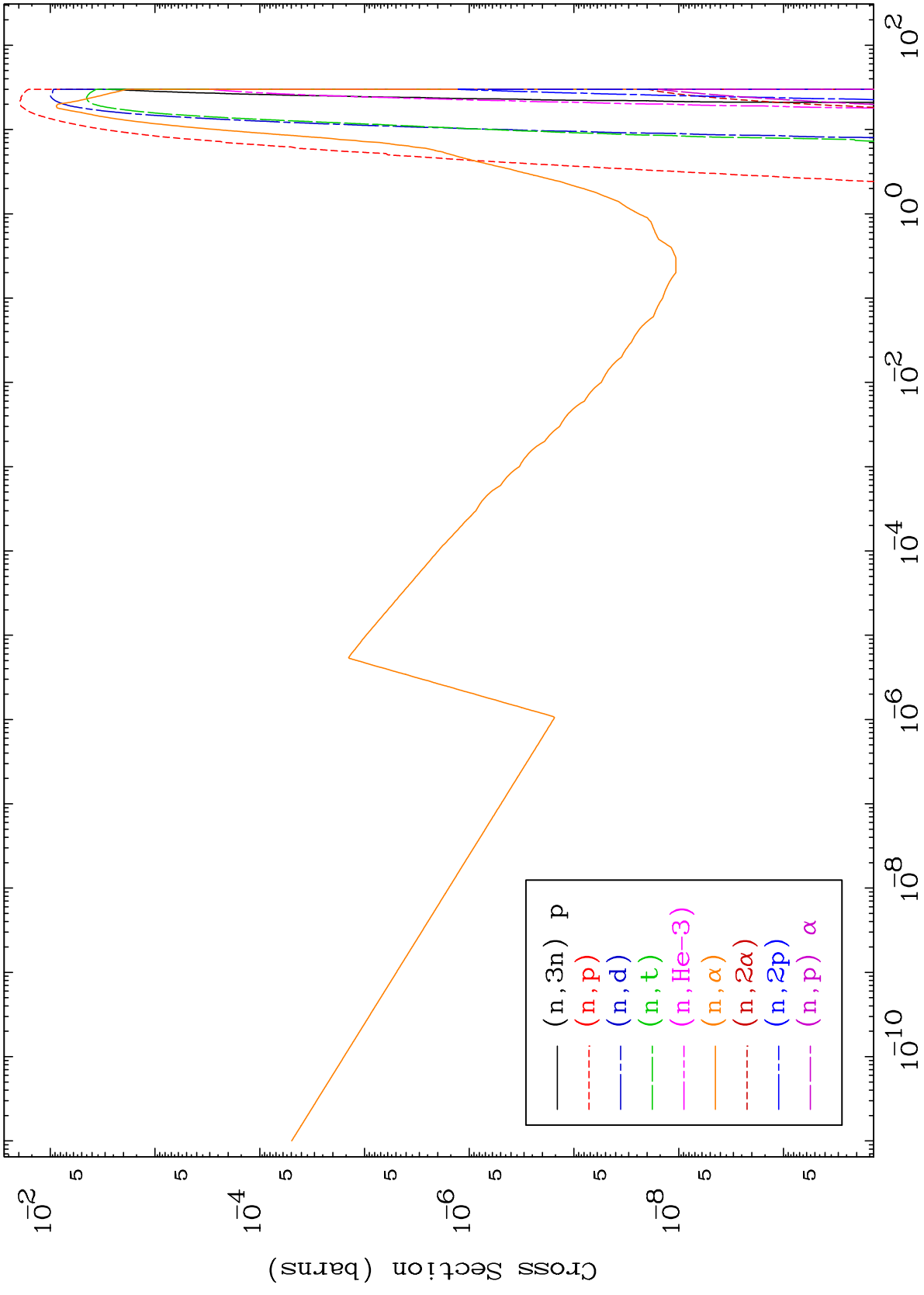




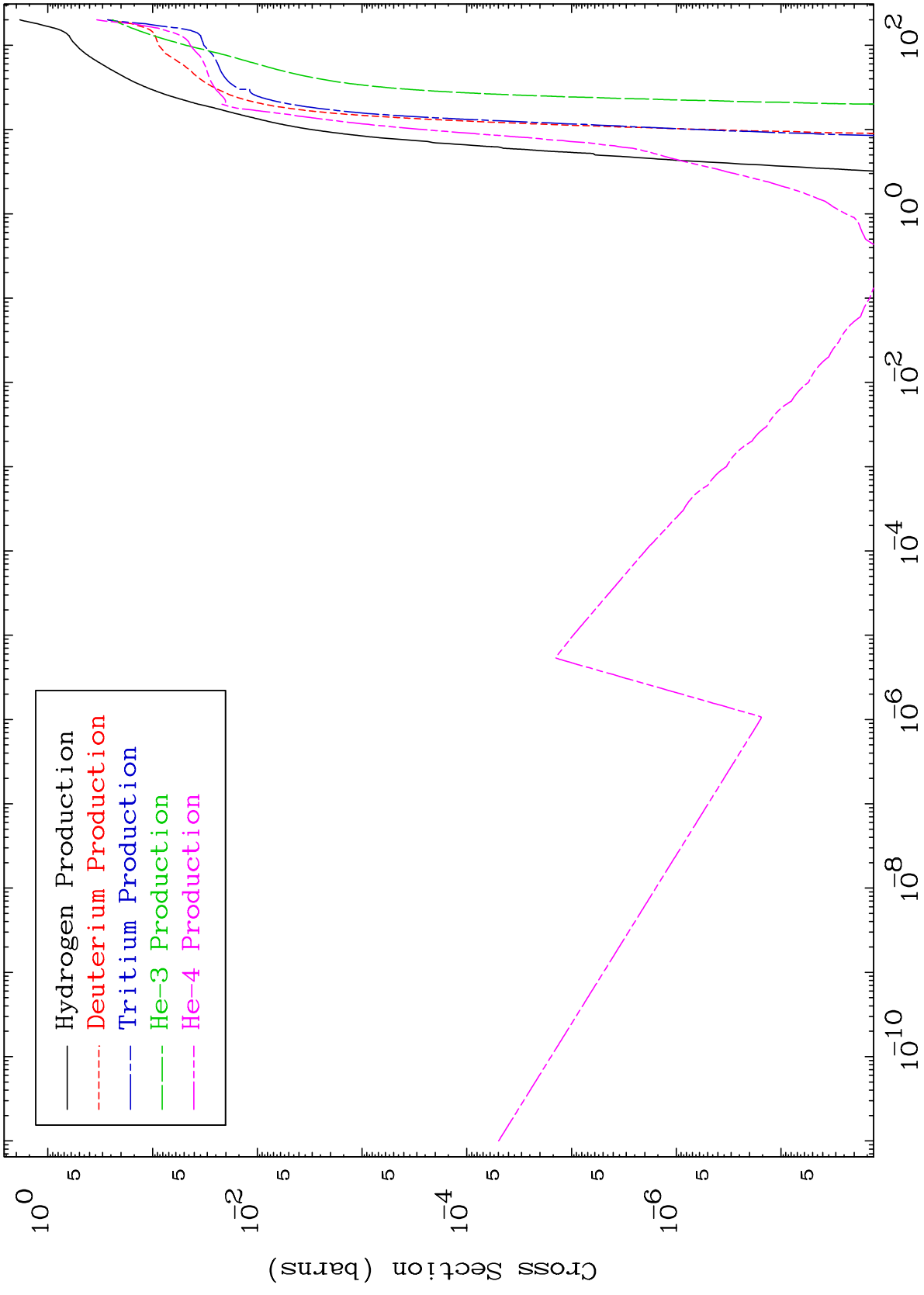
MAT 5940

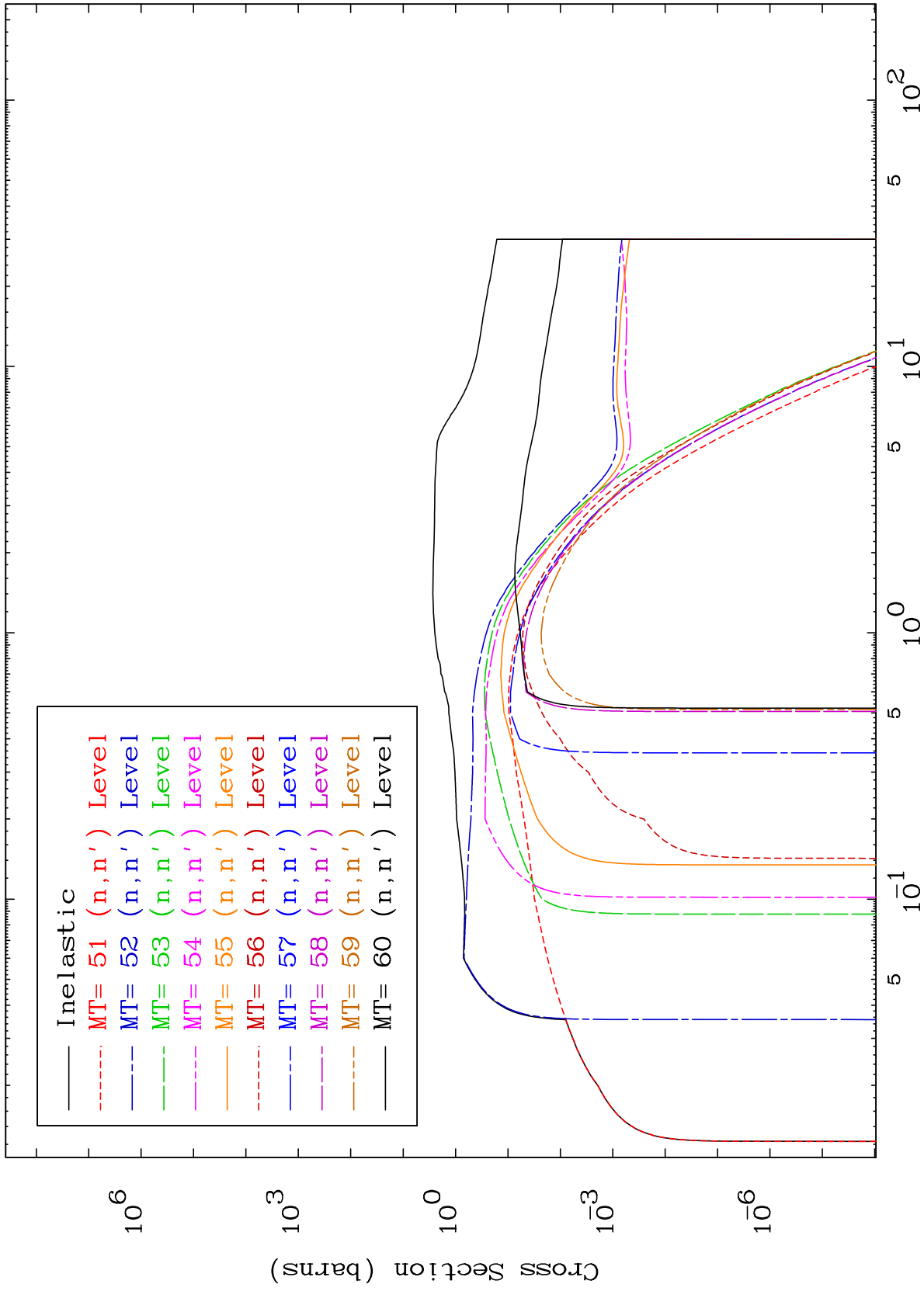
Charged Particle
293 Kelvin Cross Sections

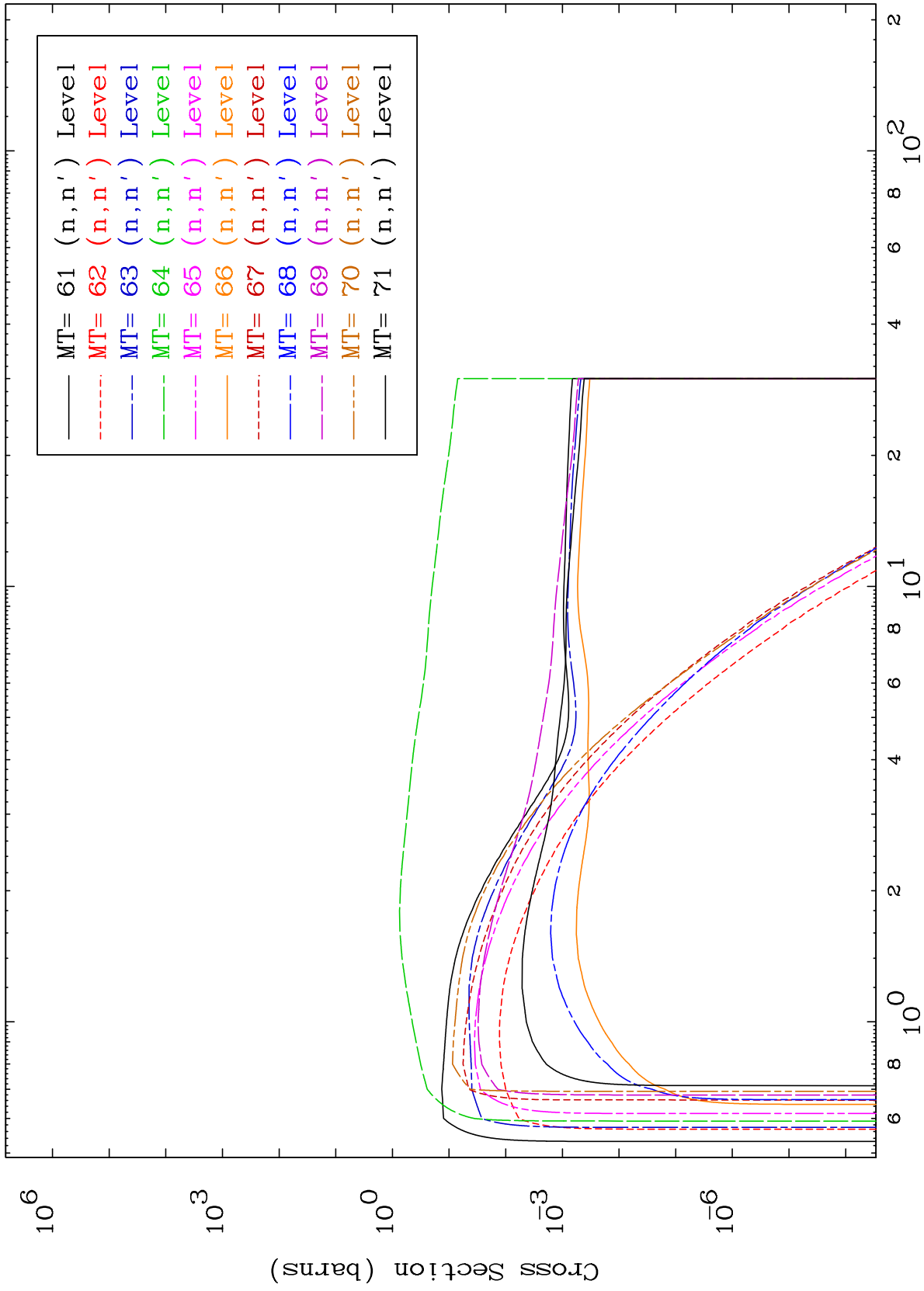
59-Pr-146

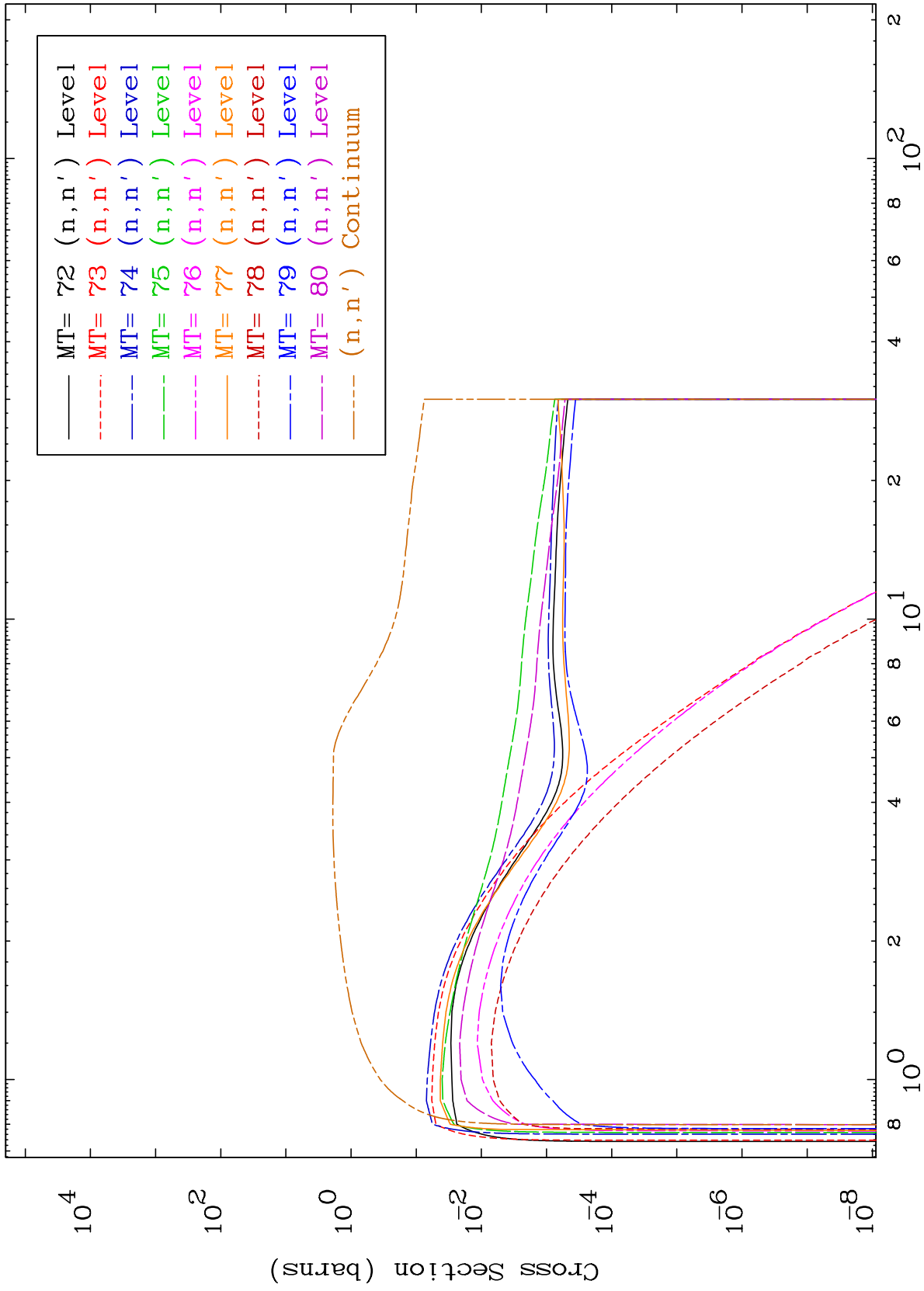


59-Pr-146





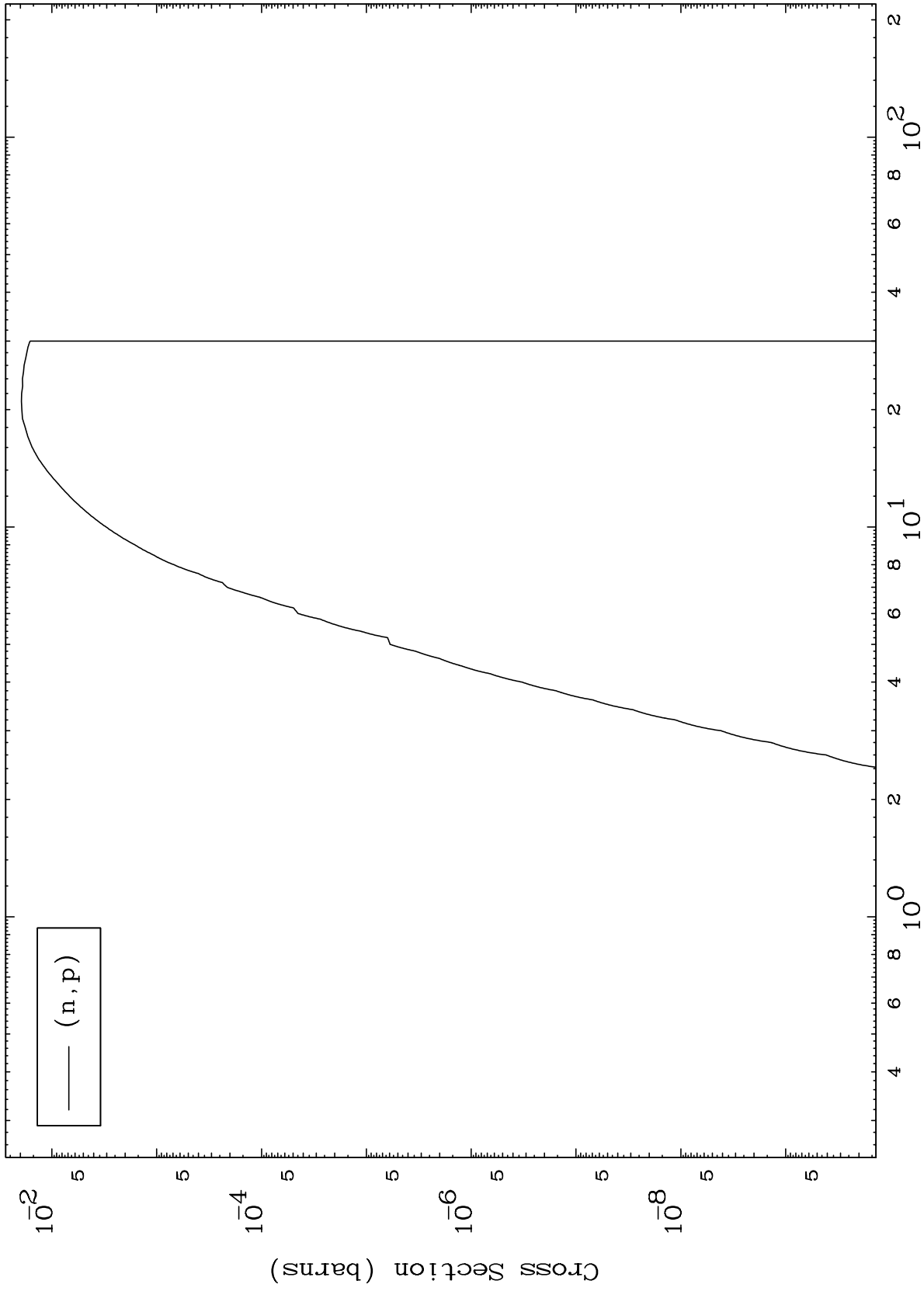




MAT 5940

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-146



10

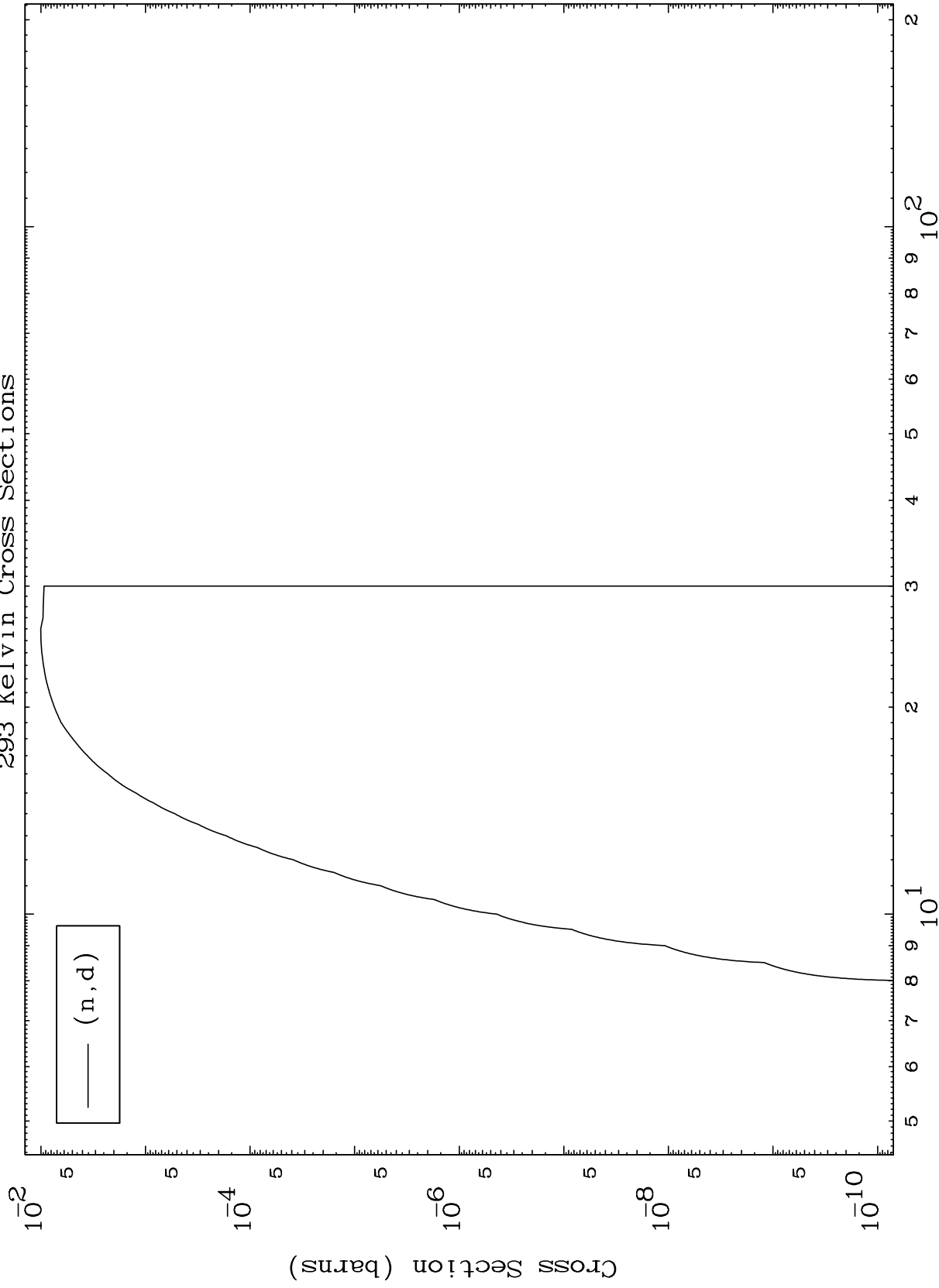
Incident Energy (MeV)

59-Pr-146

MAT 5940

(n,d) Levels
293 Kelvin Cross Sections

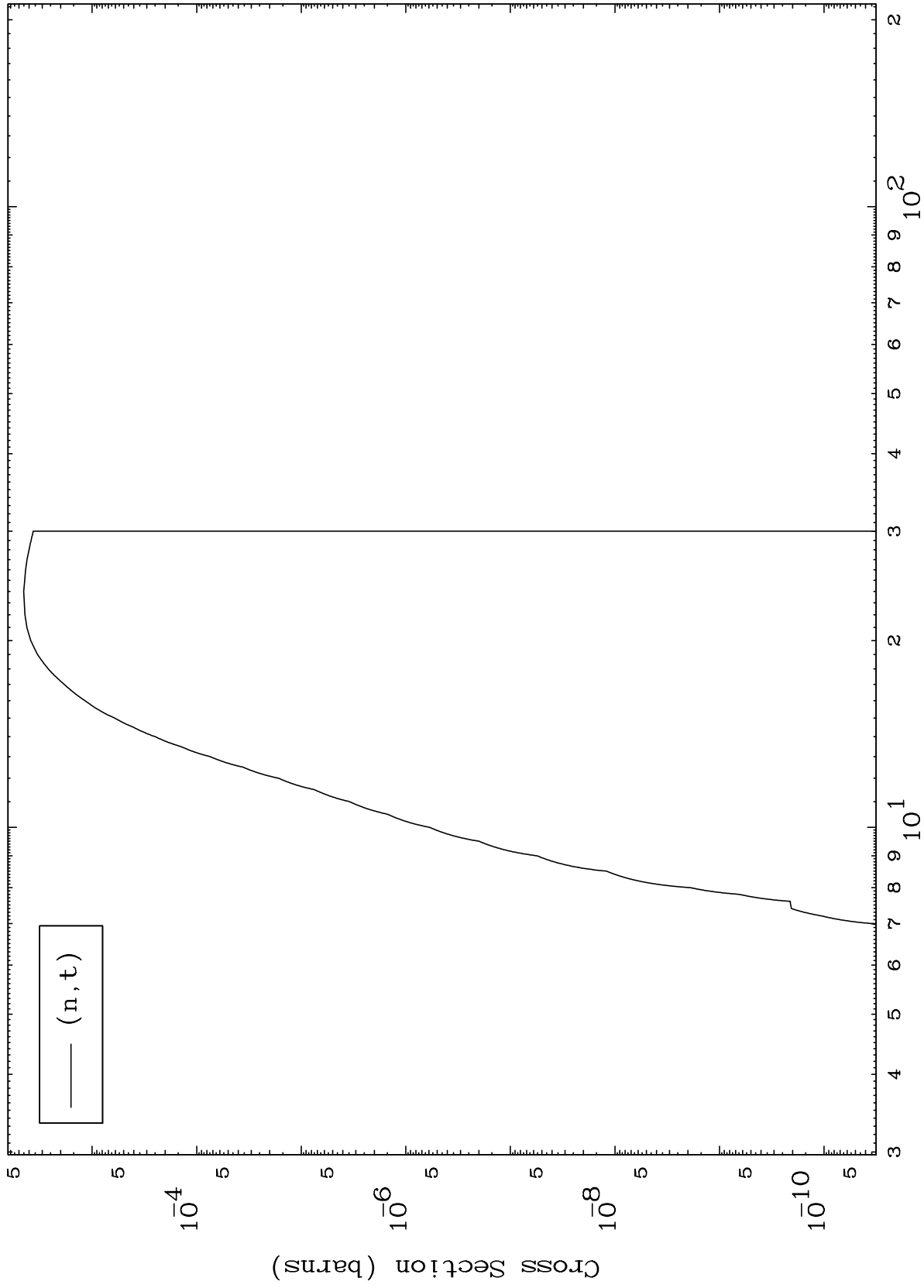
59-Pr-146

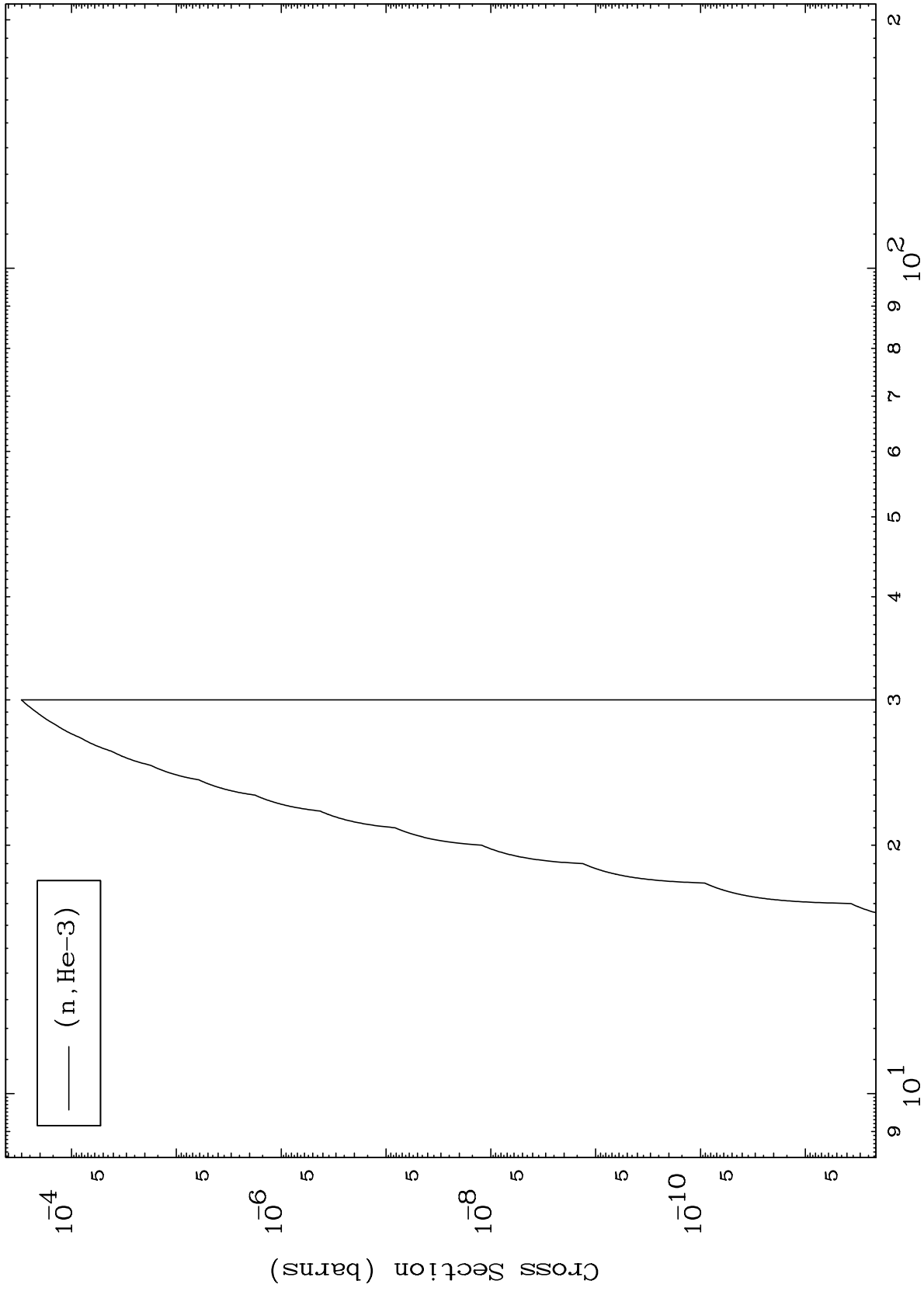


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Incident Energy (MeV)

59-Pr-146

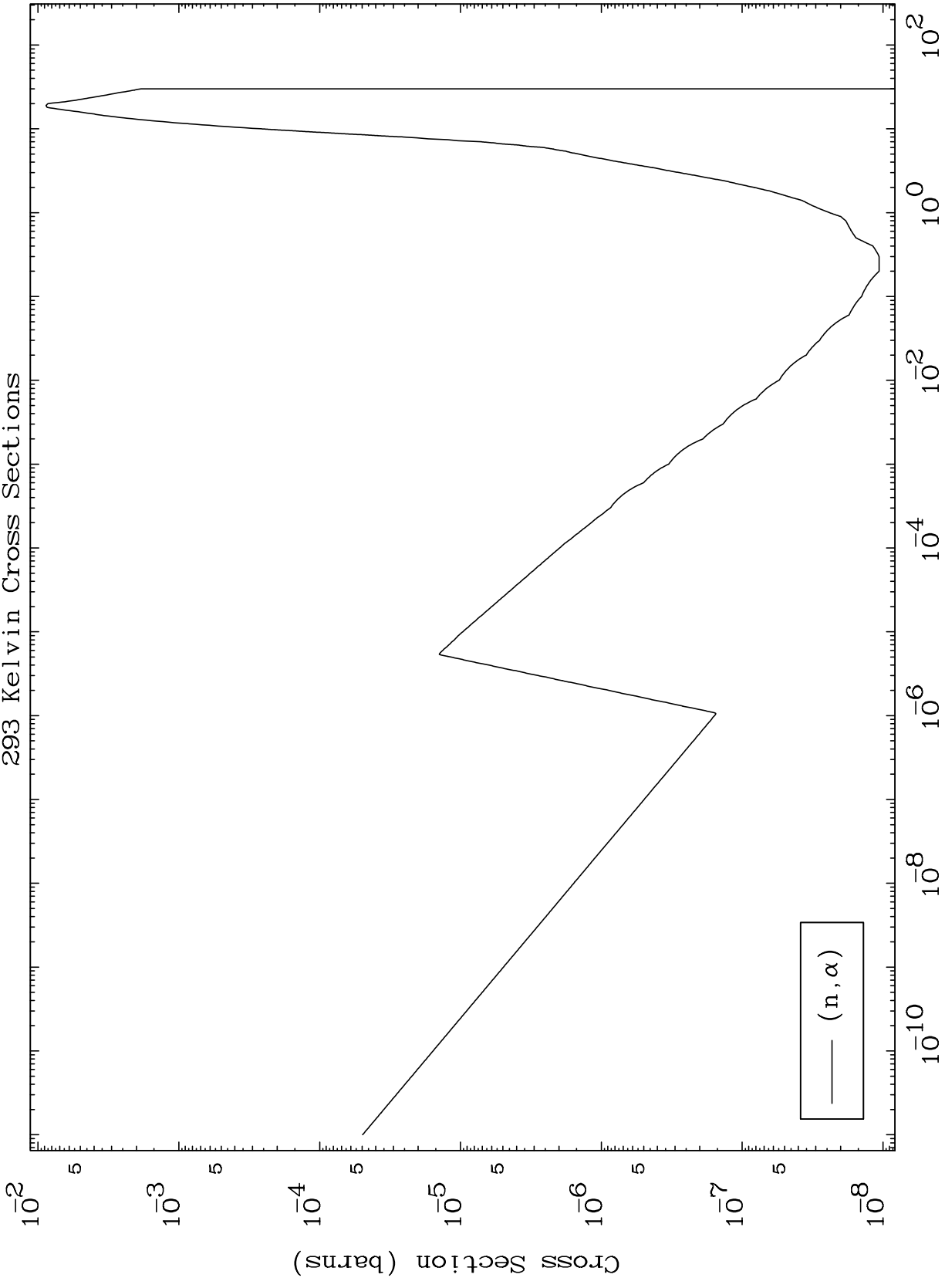


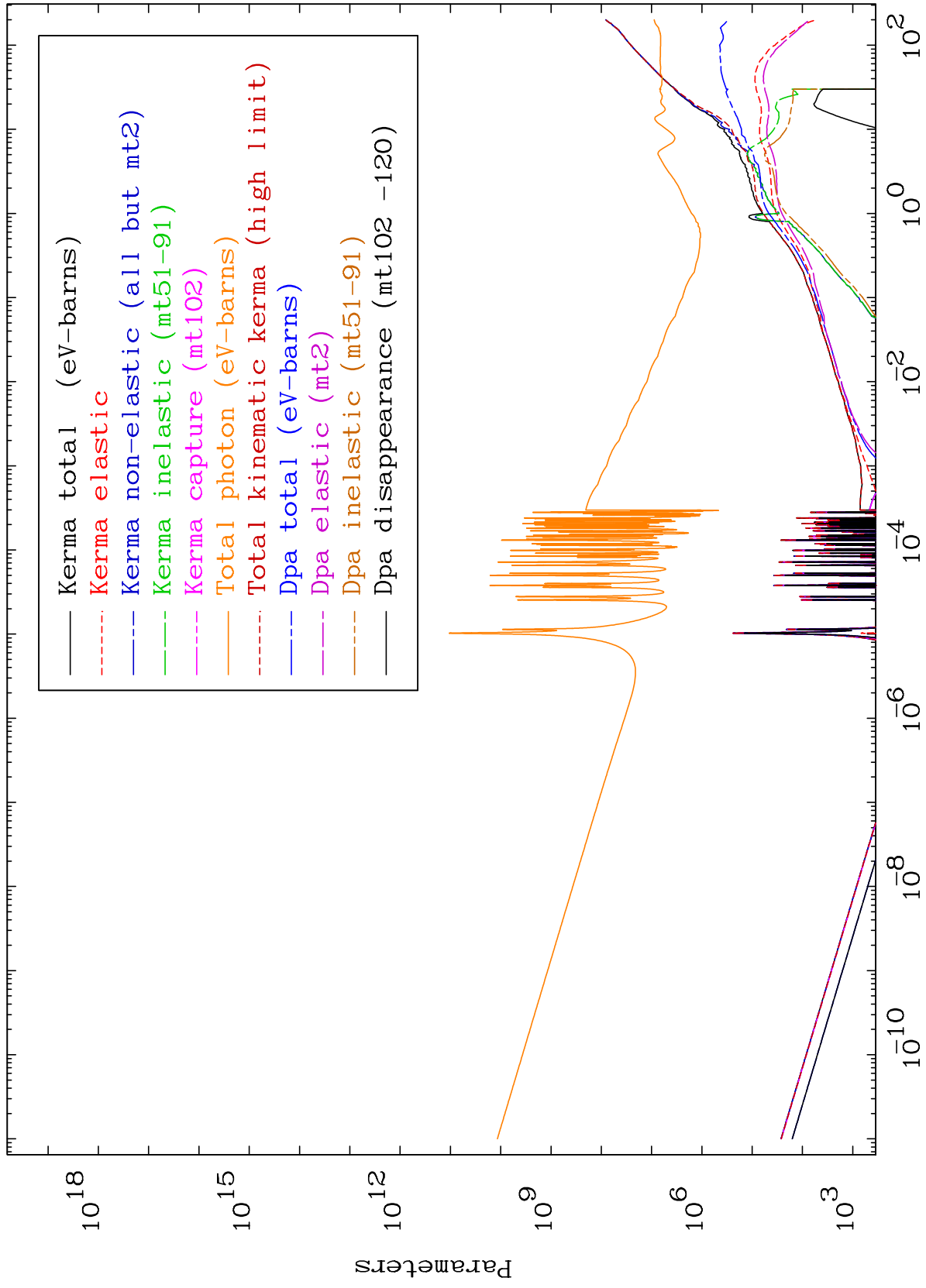


MAT 5940

(n,α) Levels
293 Kelvin Cross Sections

59-Pr-146

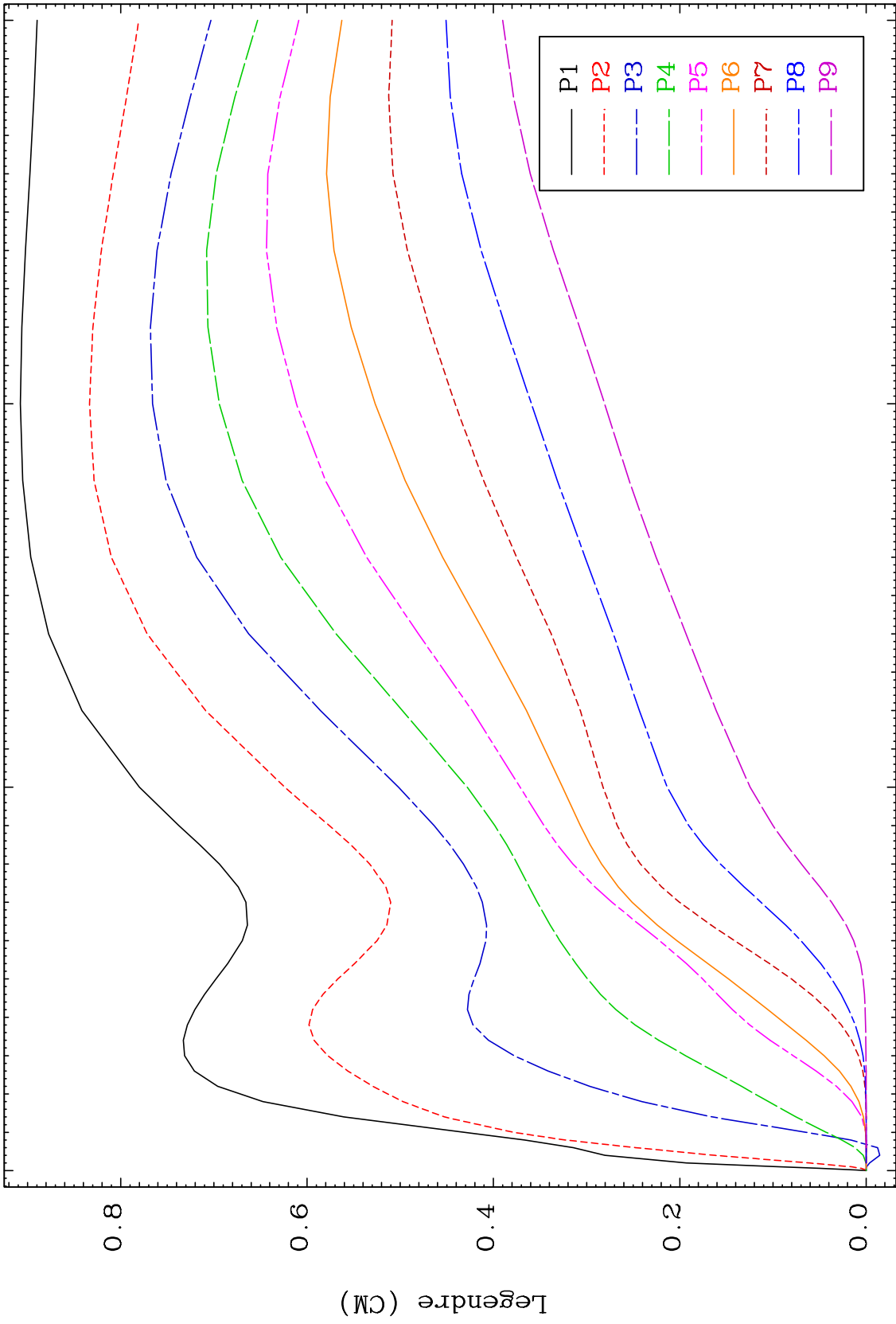




MAT 5940

59-Pr-146

Elastic Legendre Coefficients



0

16

10

20

30

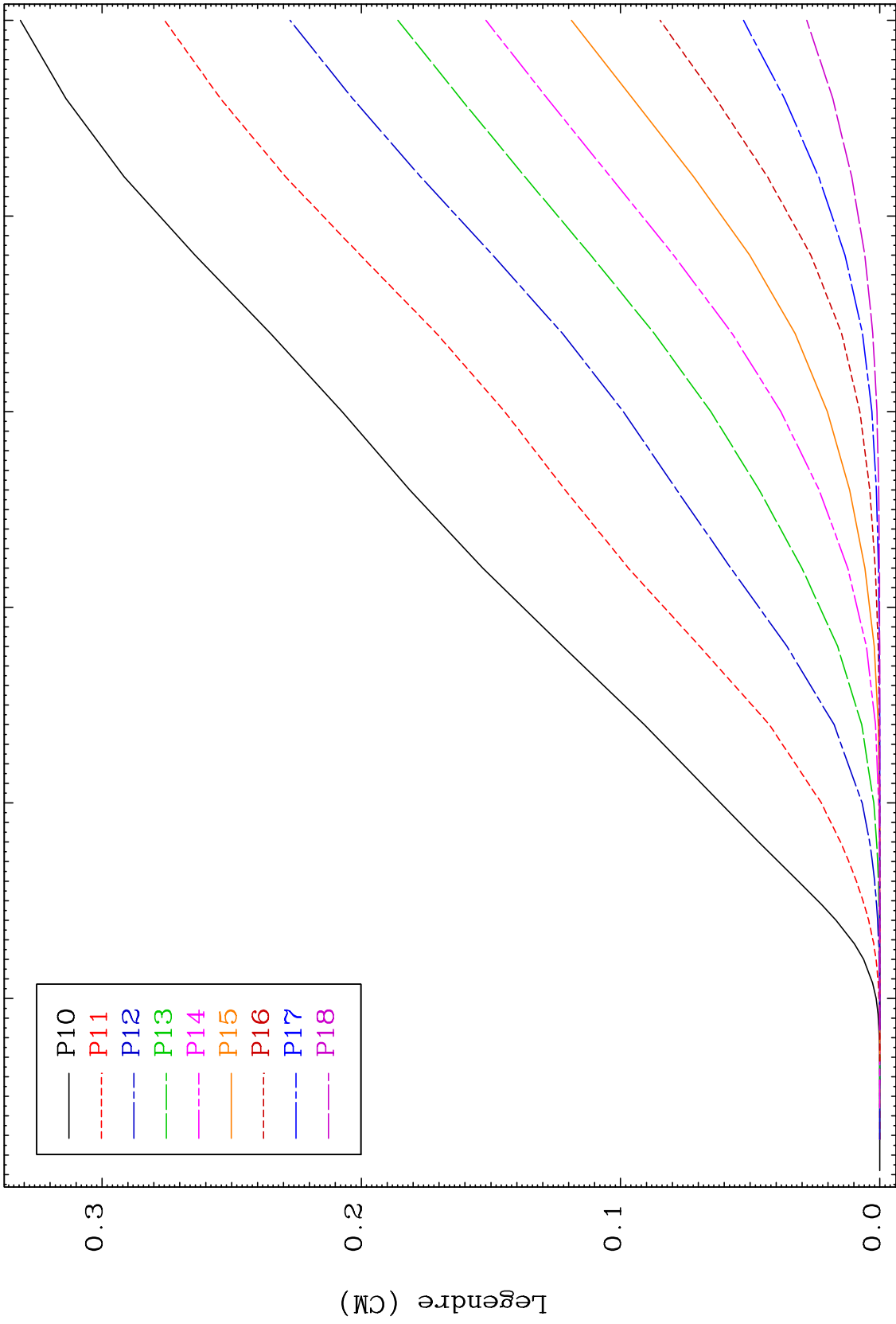
Incident Energy (MeV)

59-Pr-146

MAT 5940

Elastic Legendre Coefficients

59-Pr-146



17

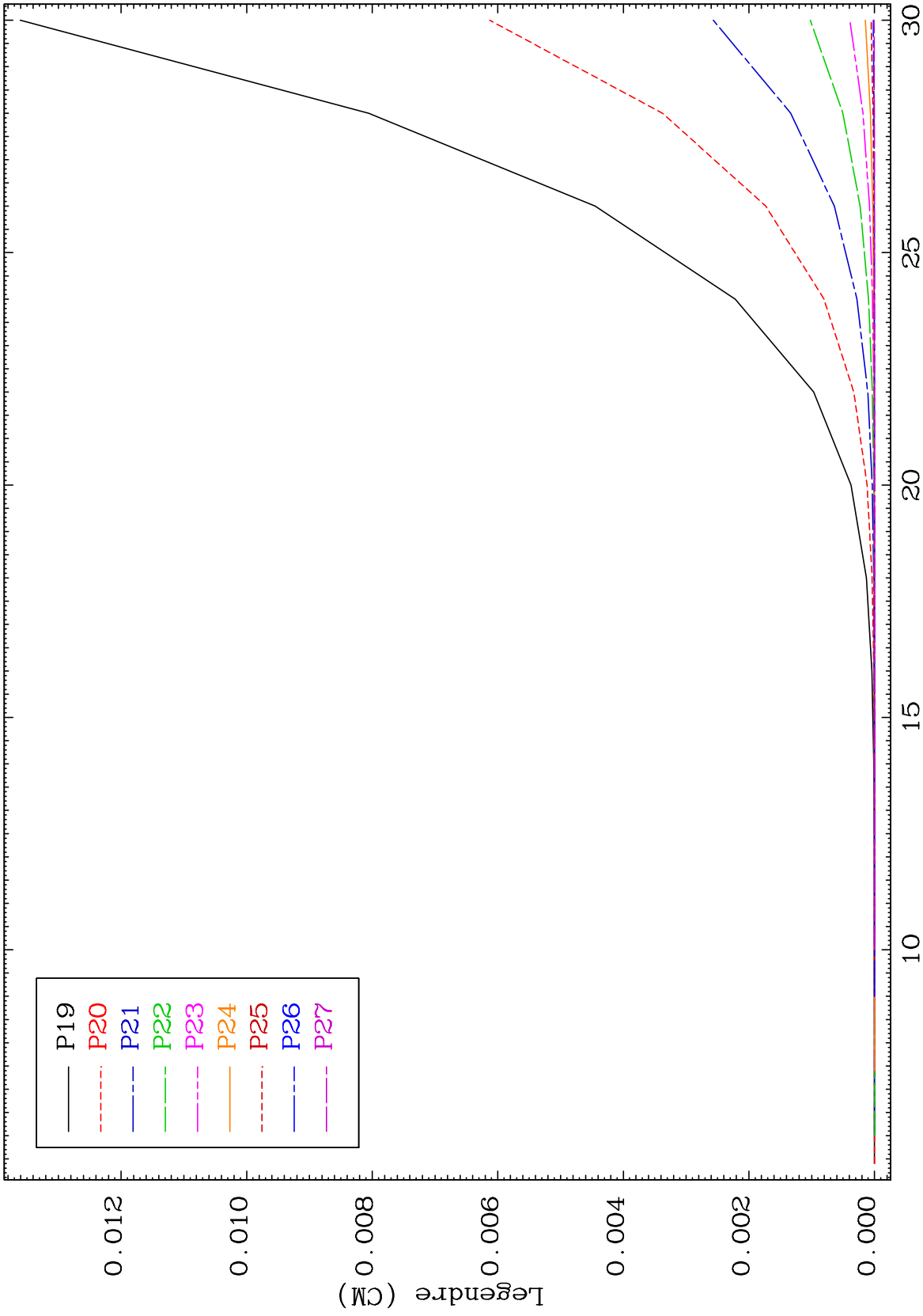
Incident Energy (MeV)

59-Pr-146

MAT 5940

Elastic Legendre Coefficients

59-Pr-146



18

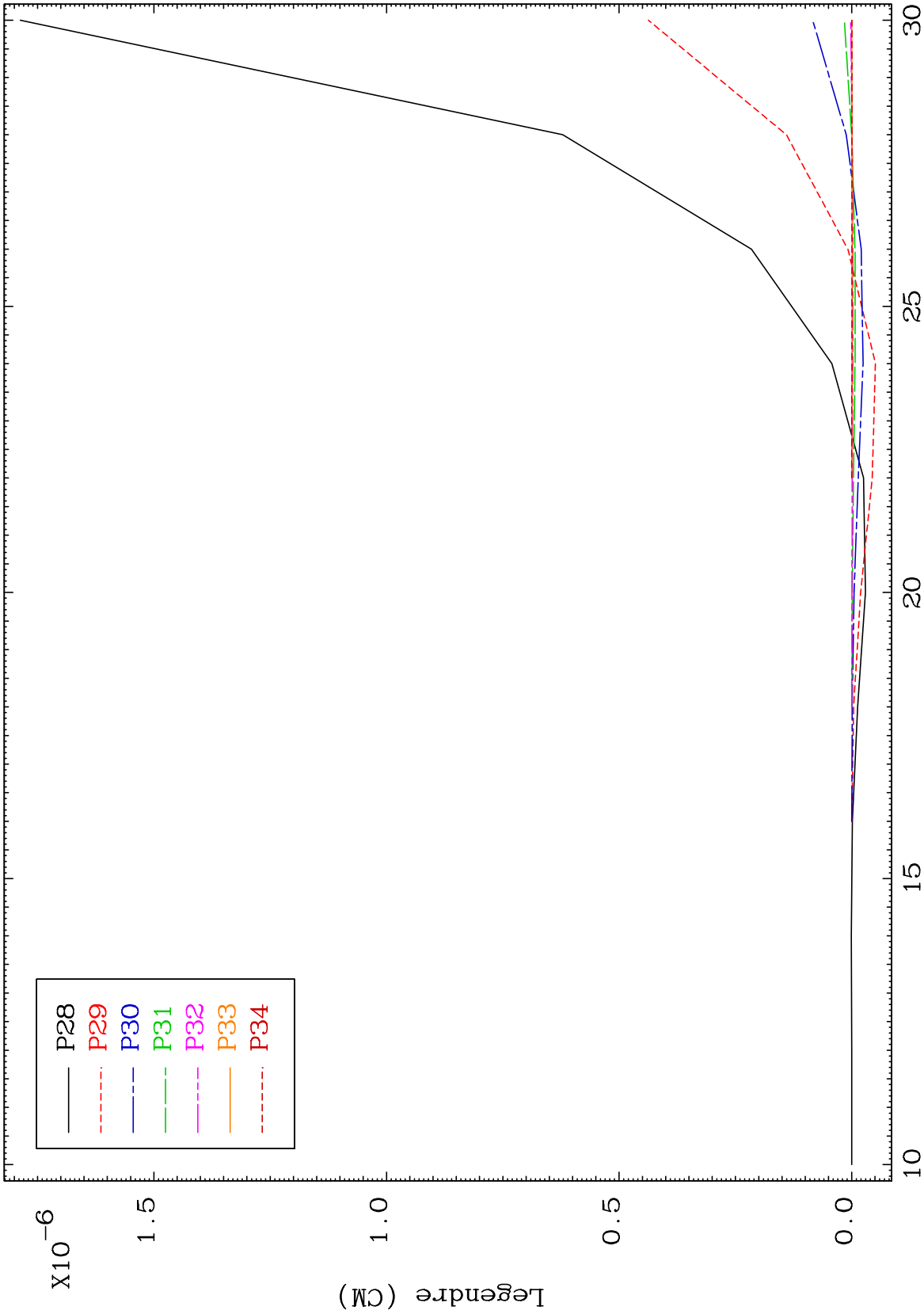
Incident Energy (MeV)

59-Pr-146

MAT 5940

Elastic Legendre Coefficients

59-Pr-146



19

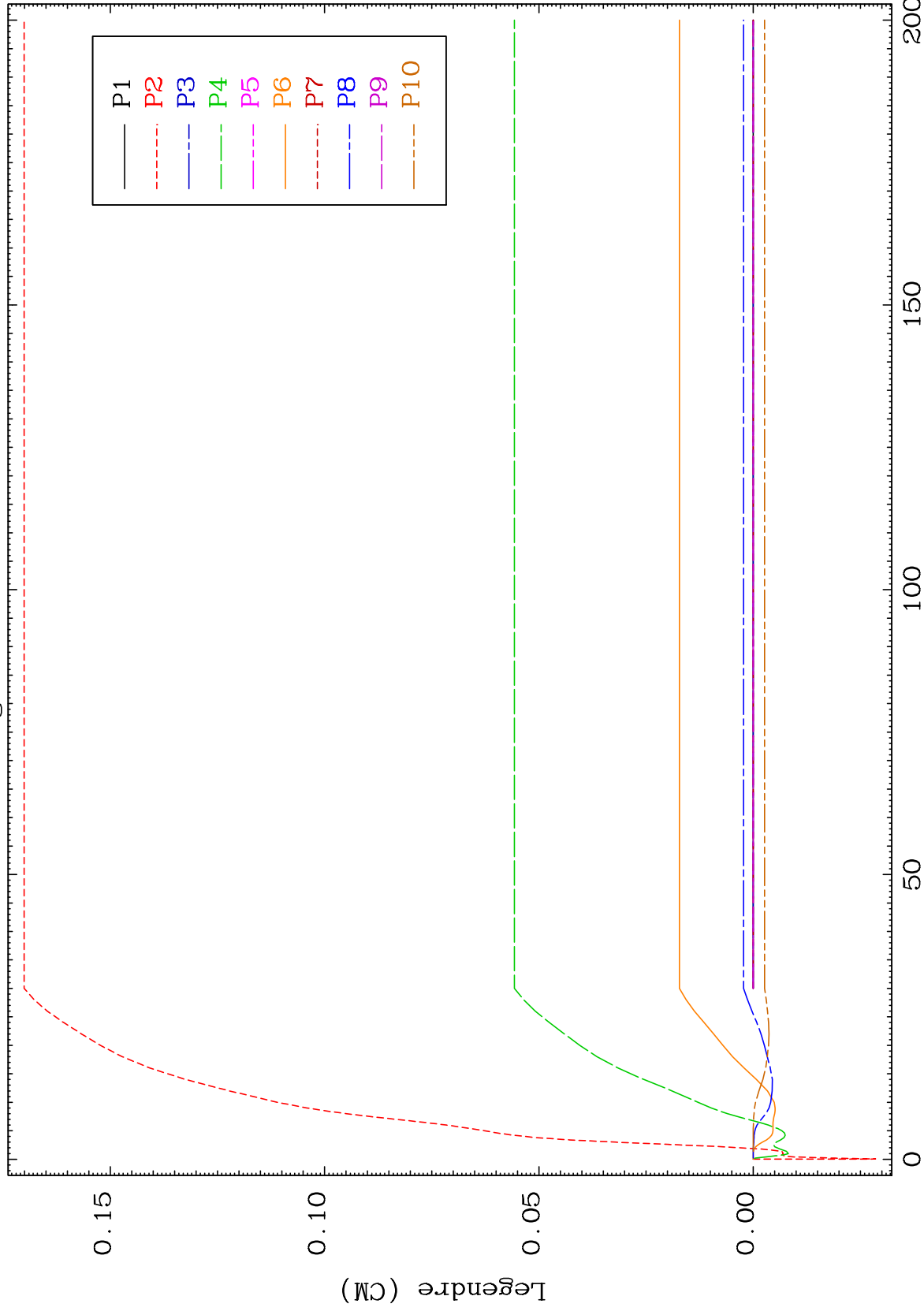
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



59-Pr-146

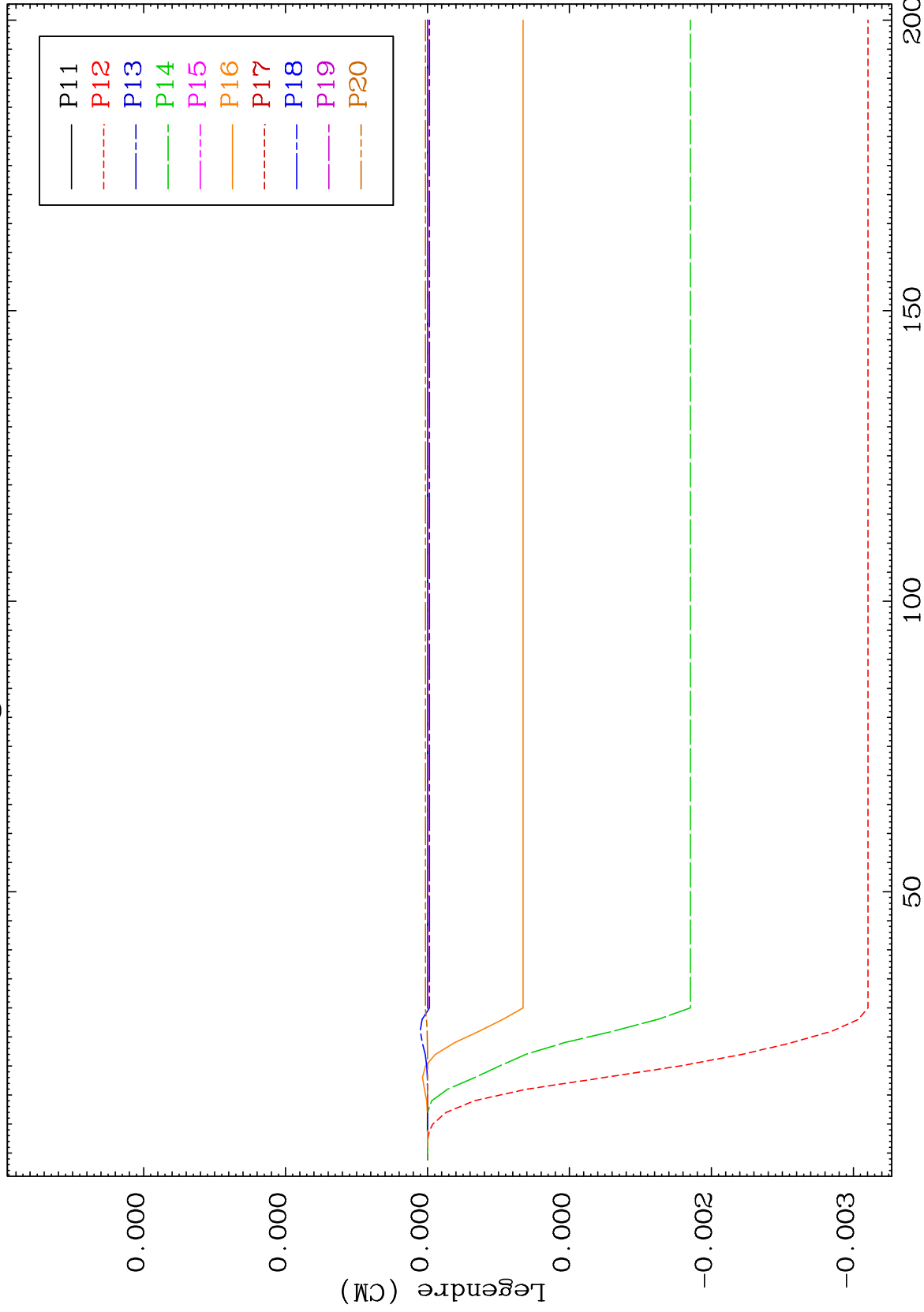
Incident Energy (MeV)

20

MAT 5940

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

59-Pr-146



21

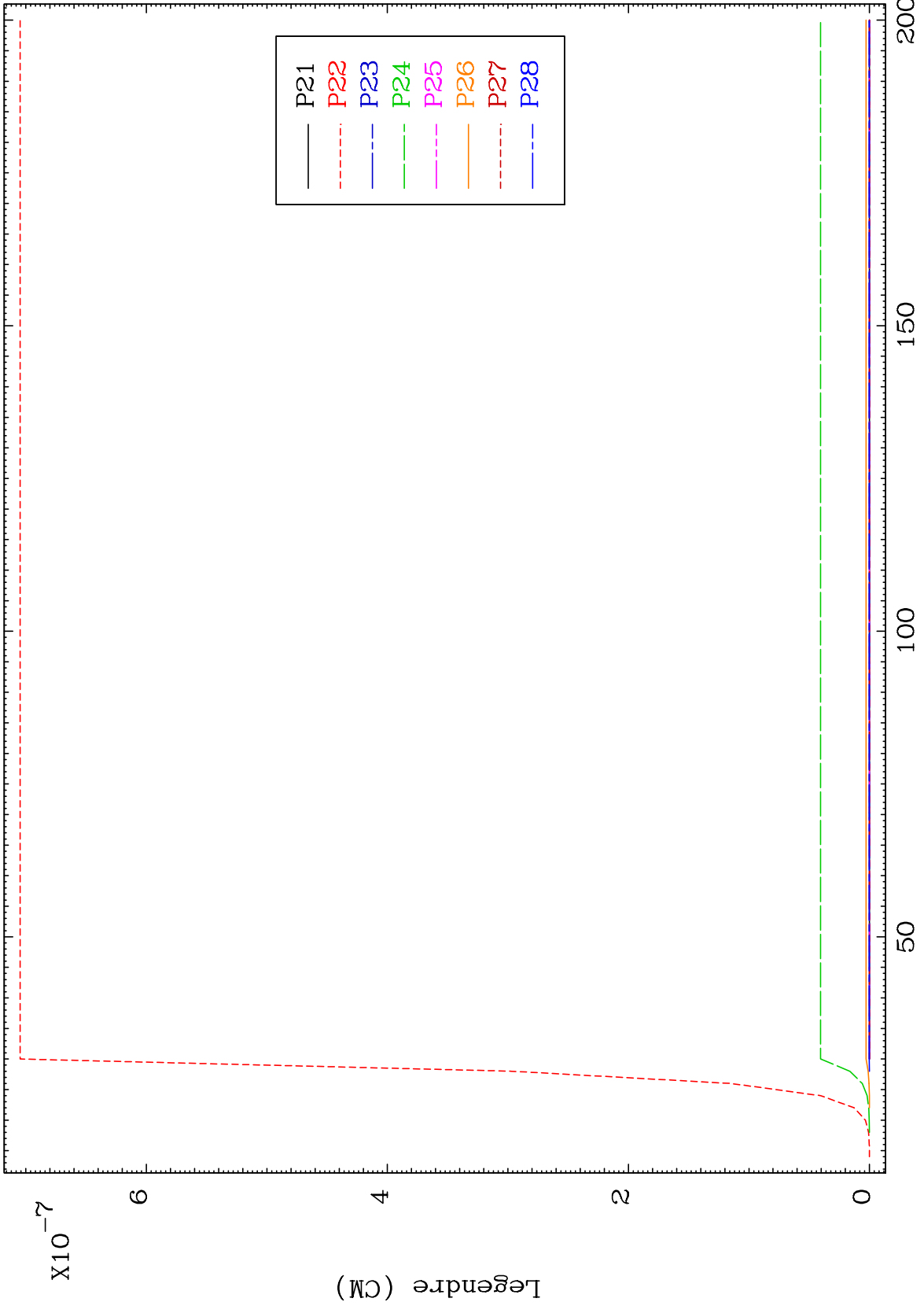
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



22

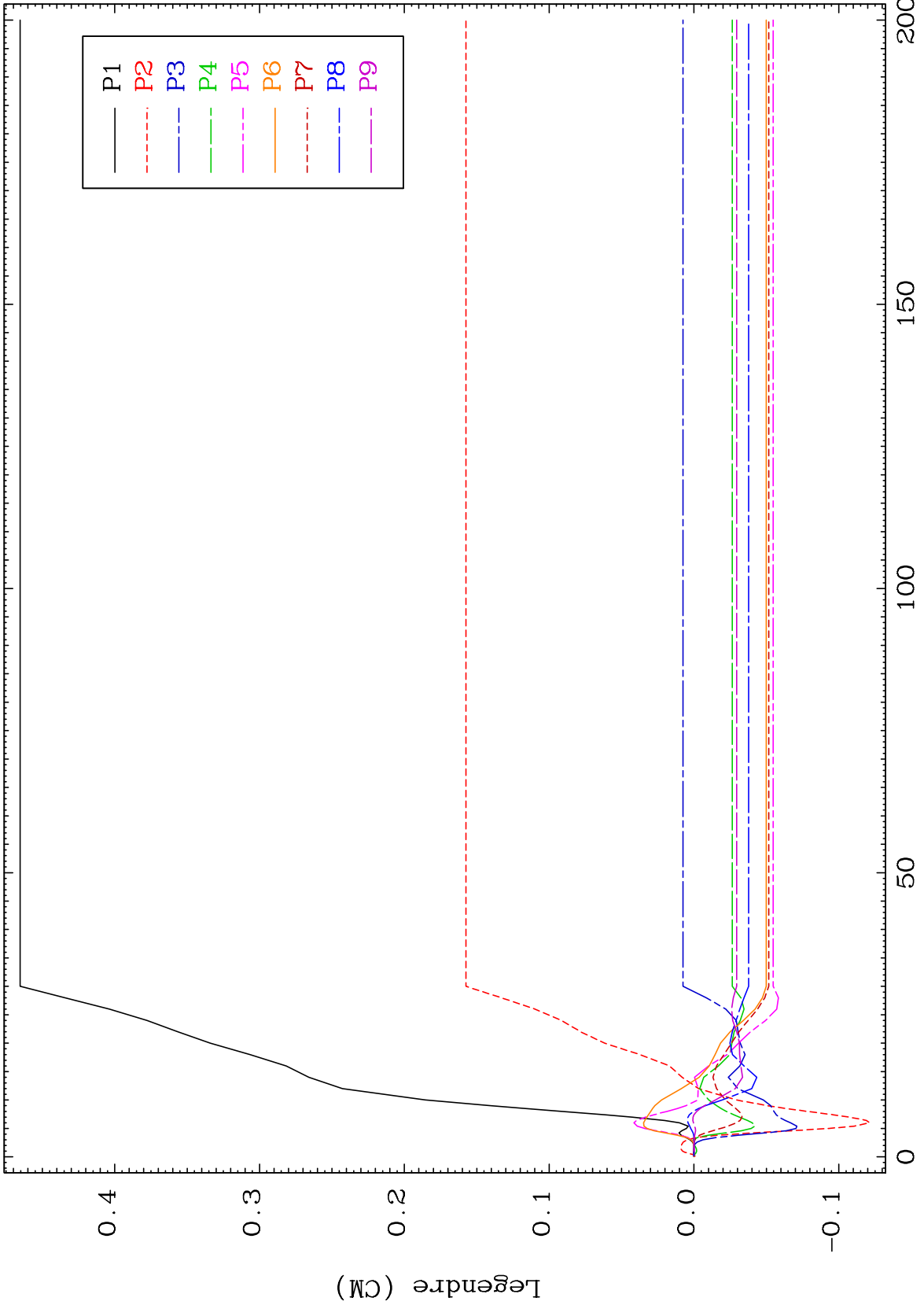
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



23

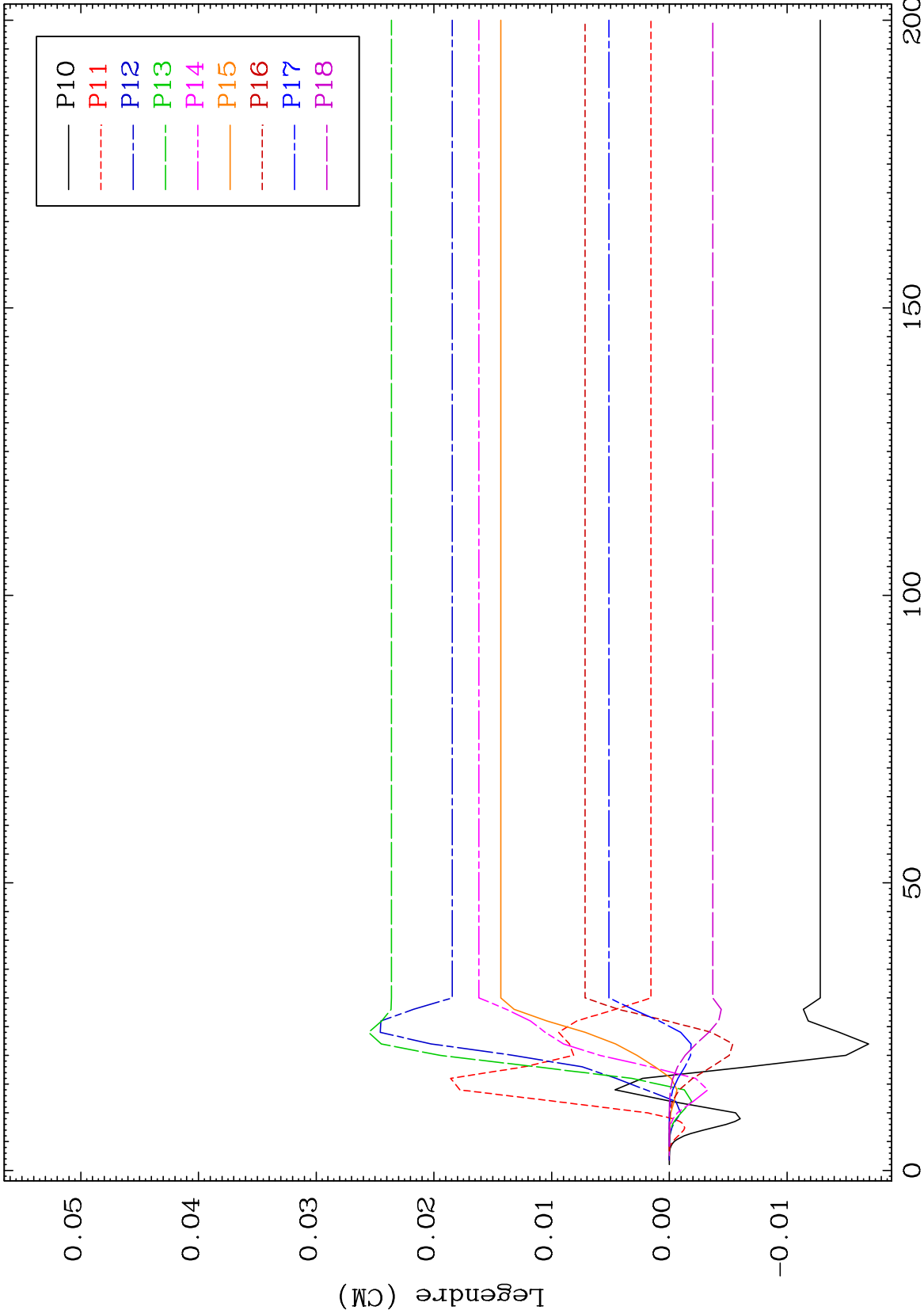
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



24

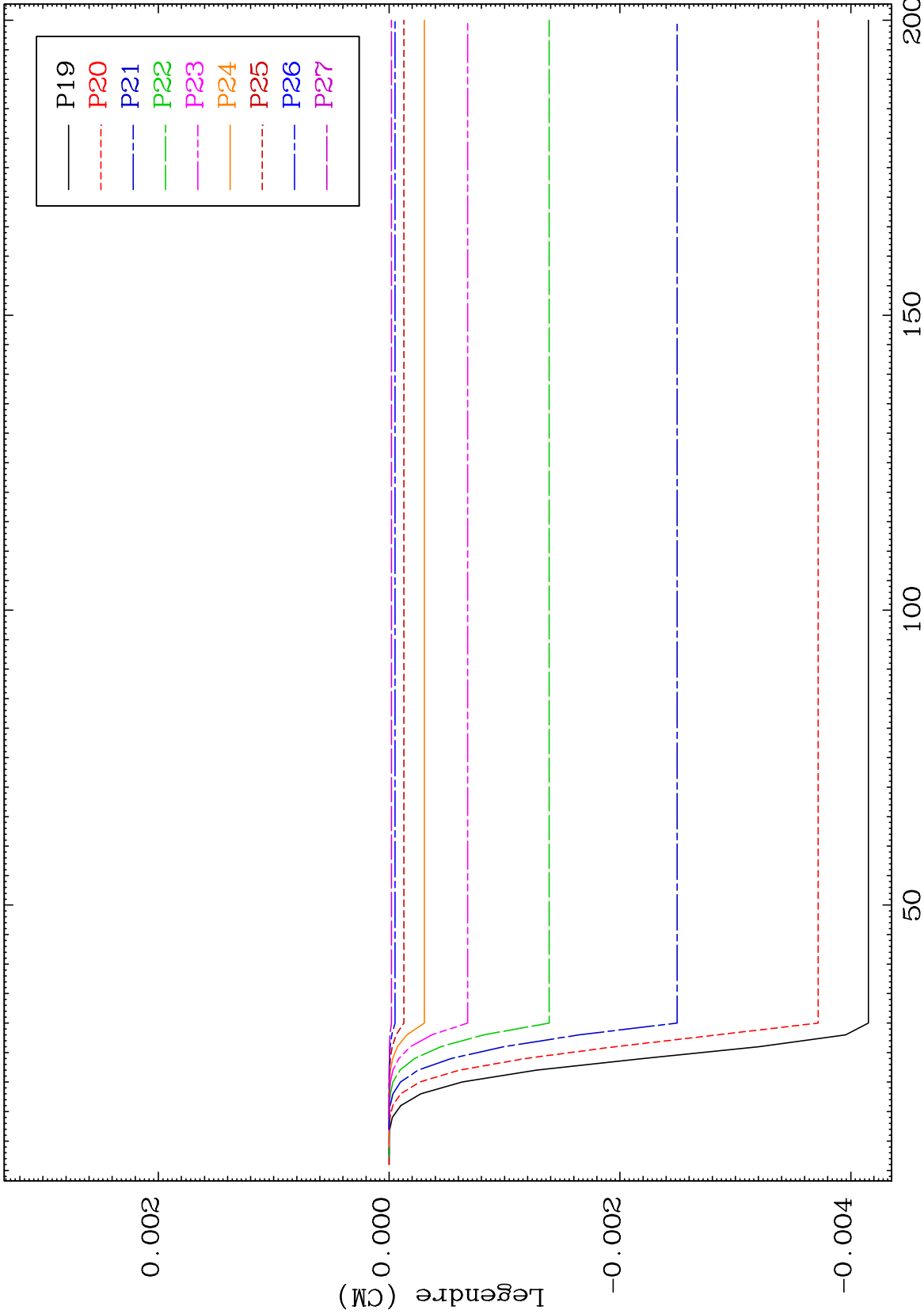
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



25

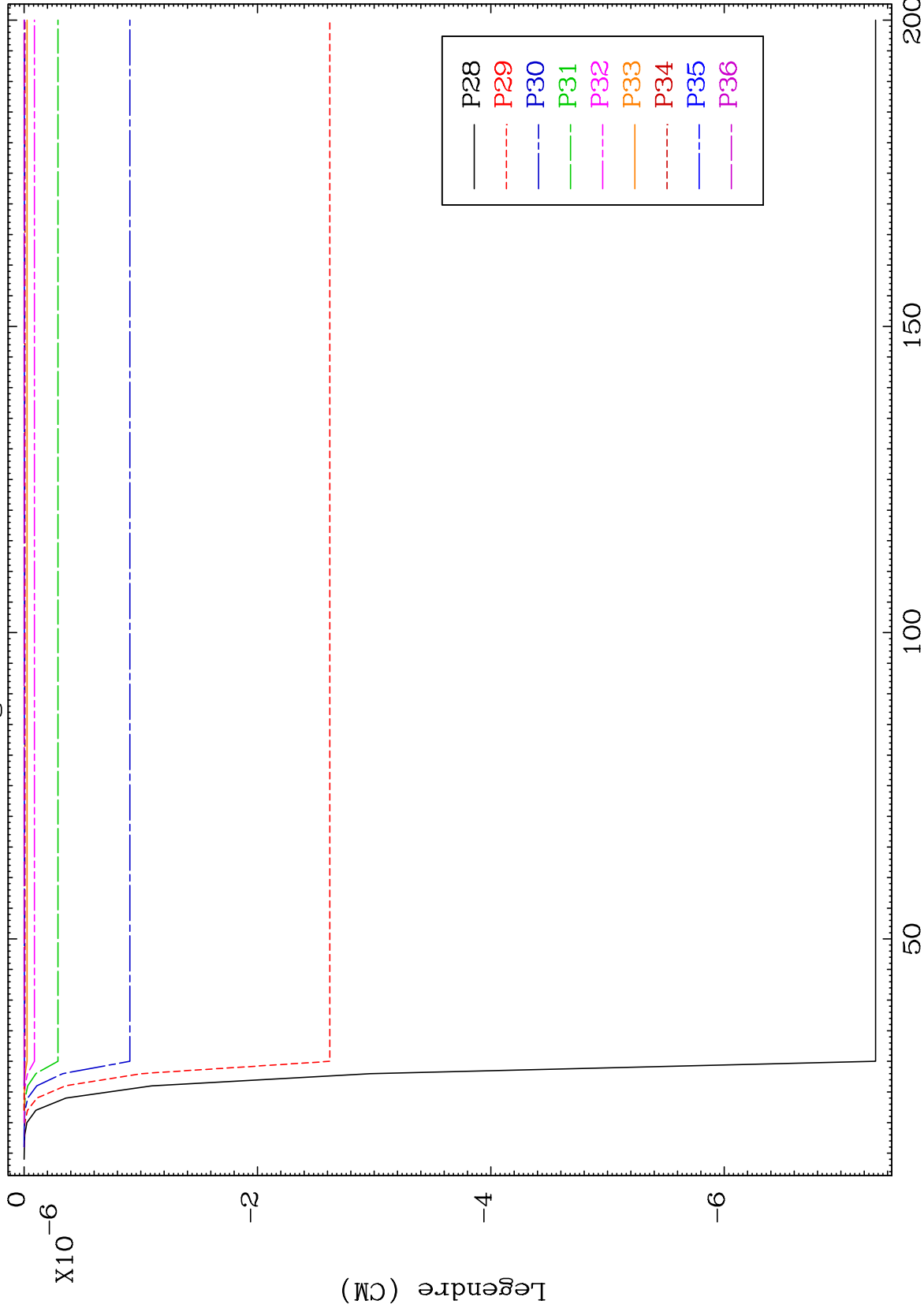
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



26

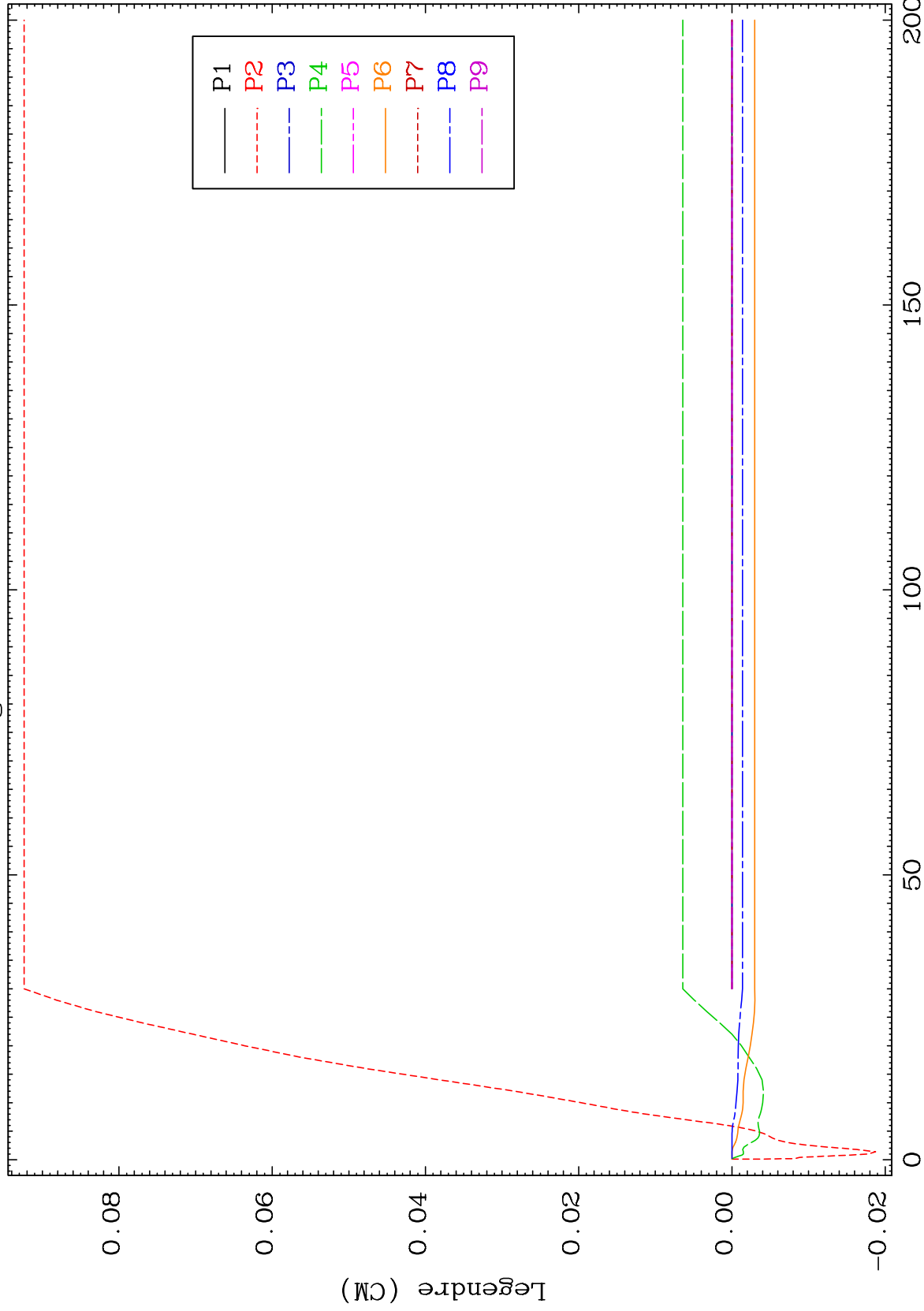
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



27

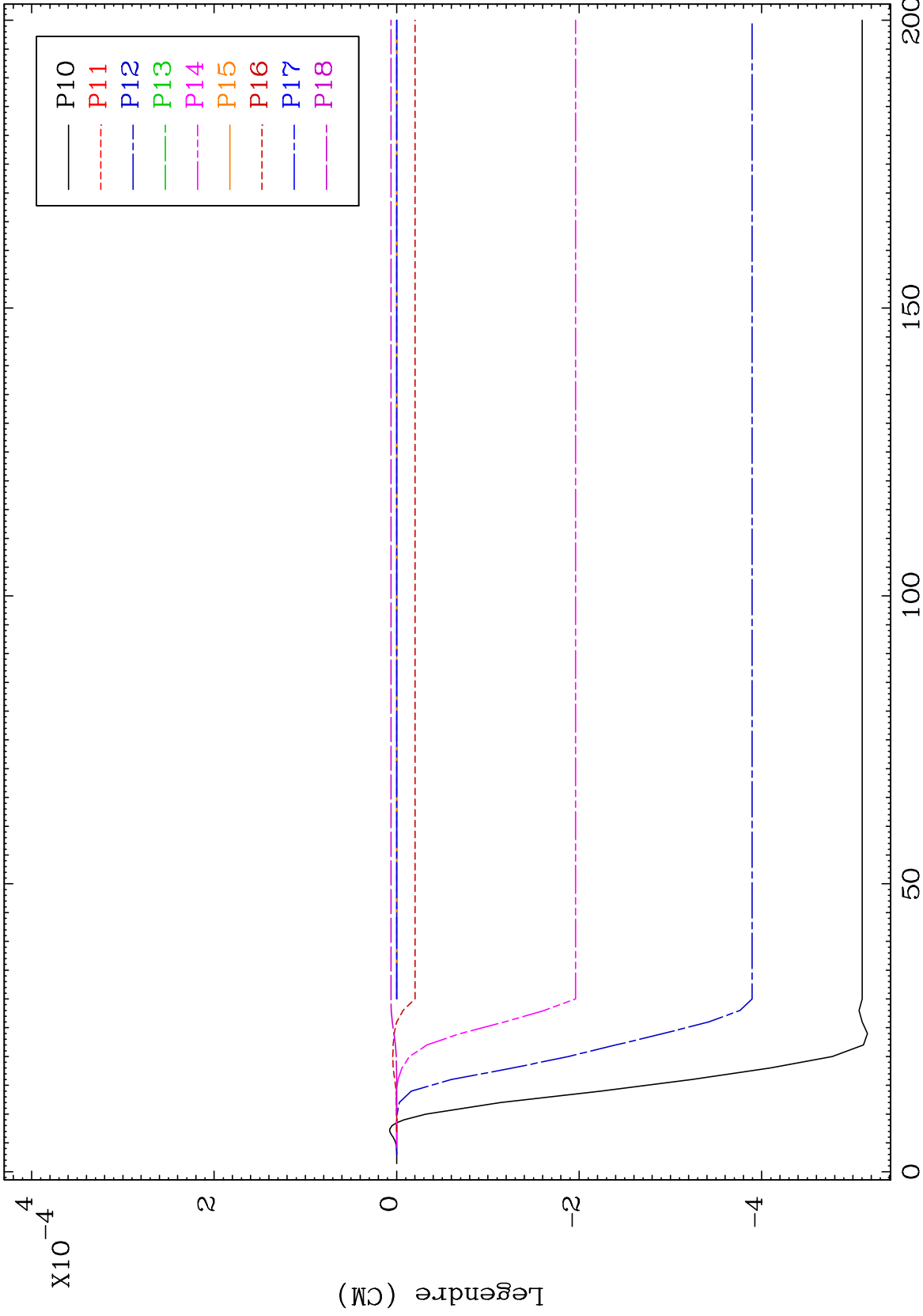
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



28

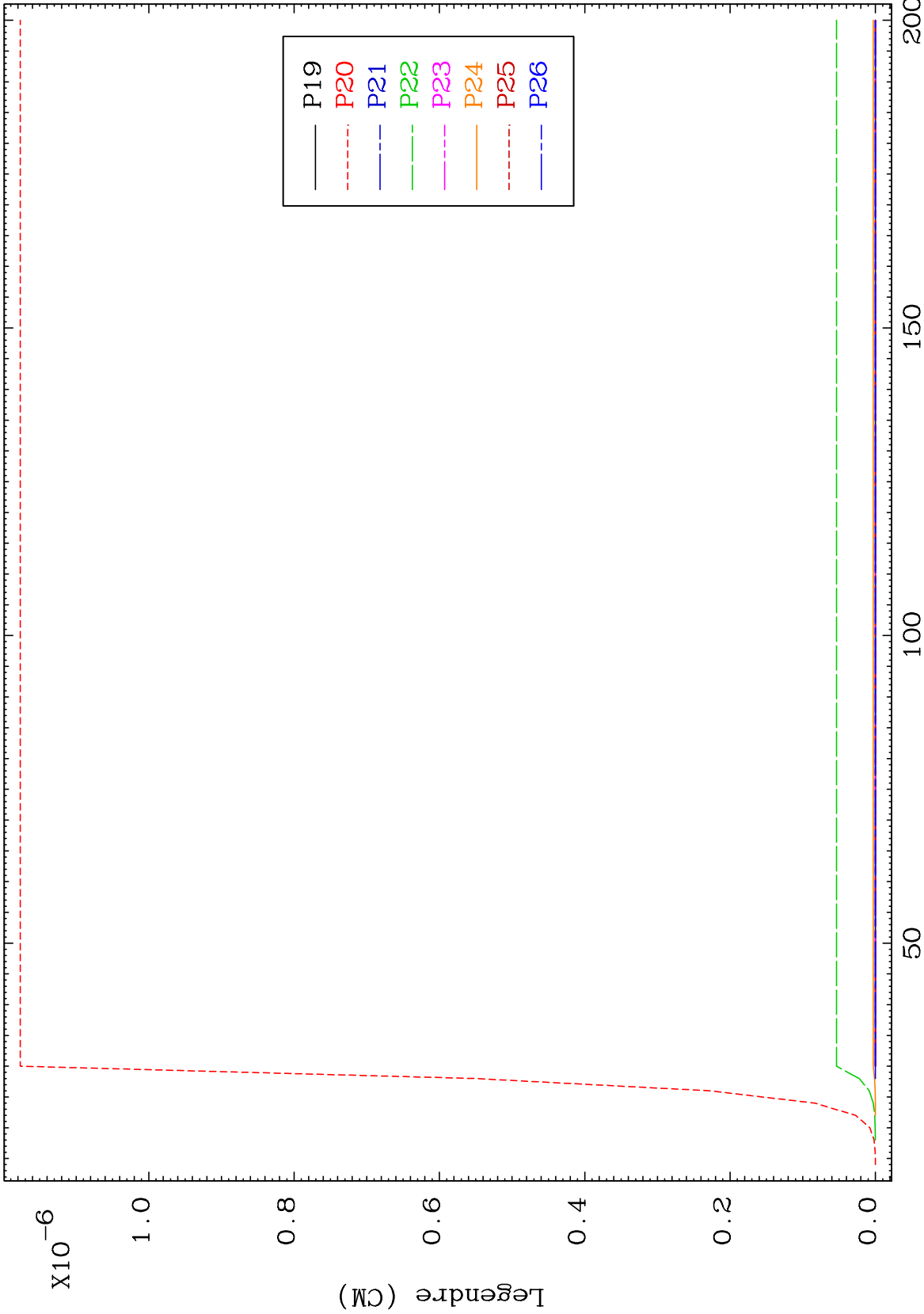
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



29

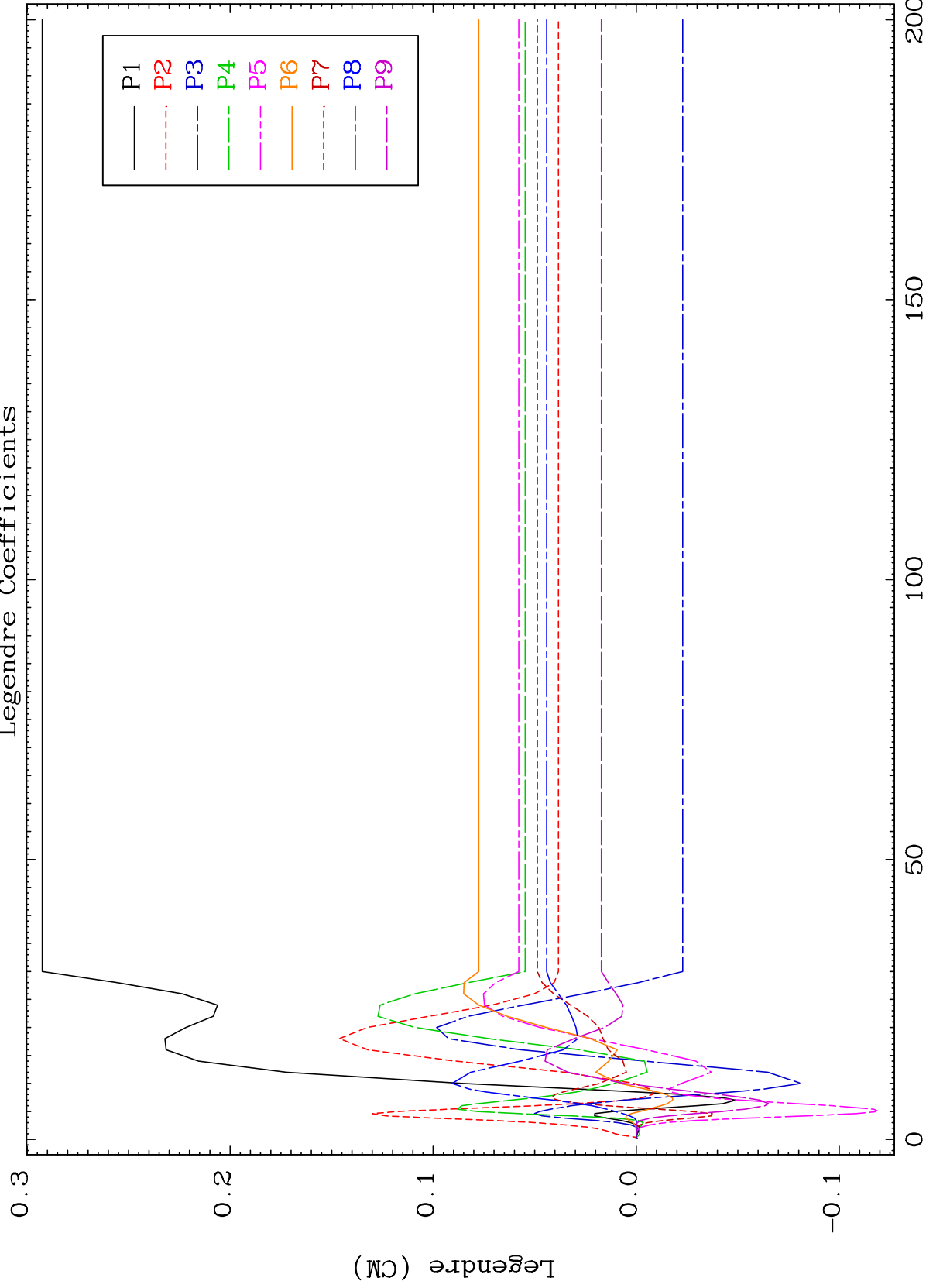
Incident Energy (MeV)

59-Pr-146

MAT 5940

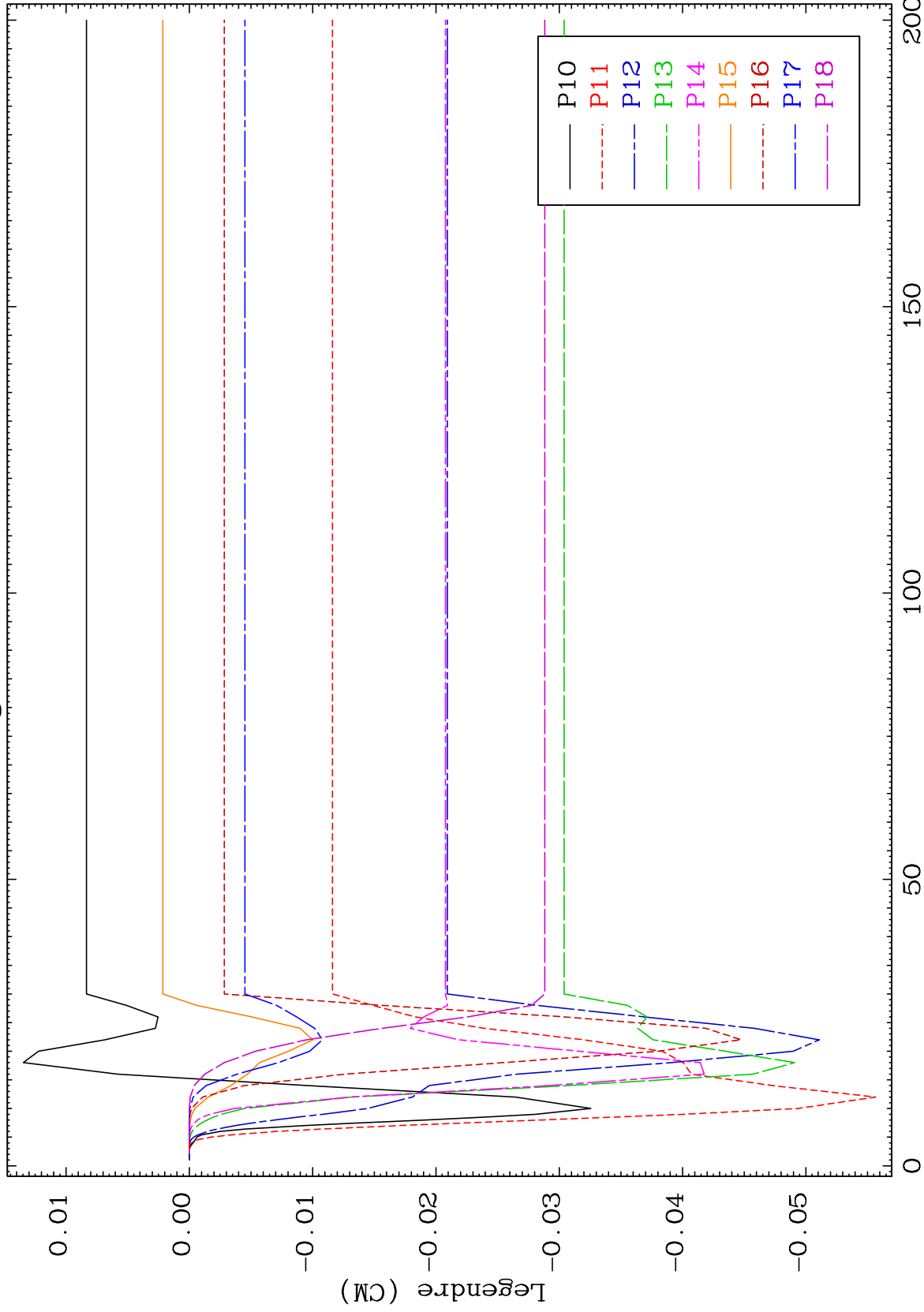
MT= 54 (n,n') Level
Legendre Coefficients

59-Pr-146



59-Pr-146

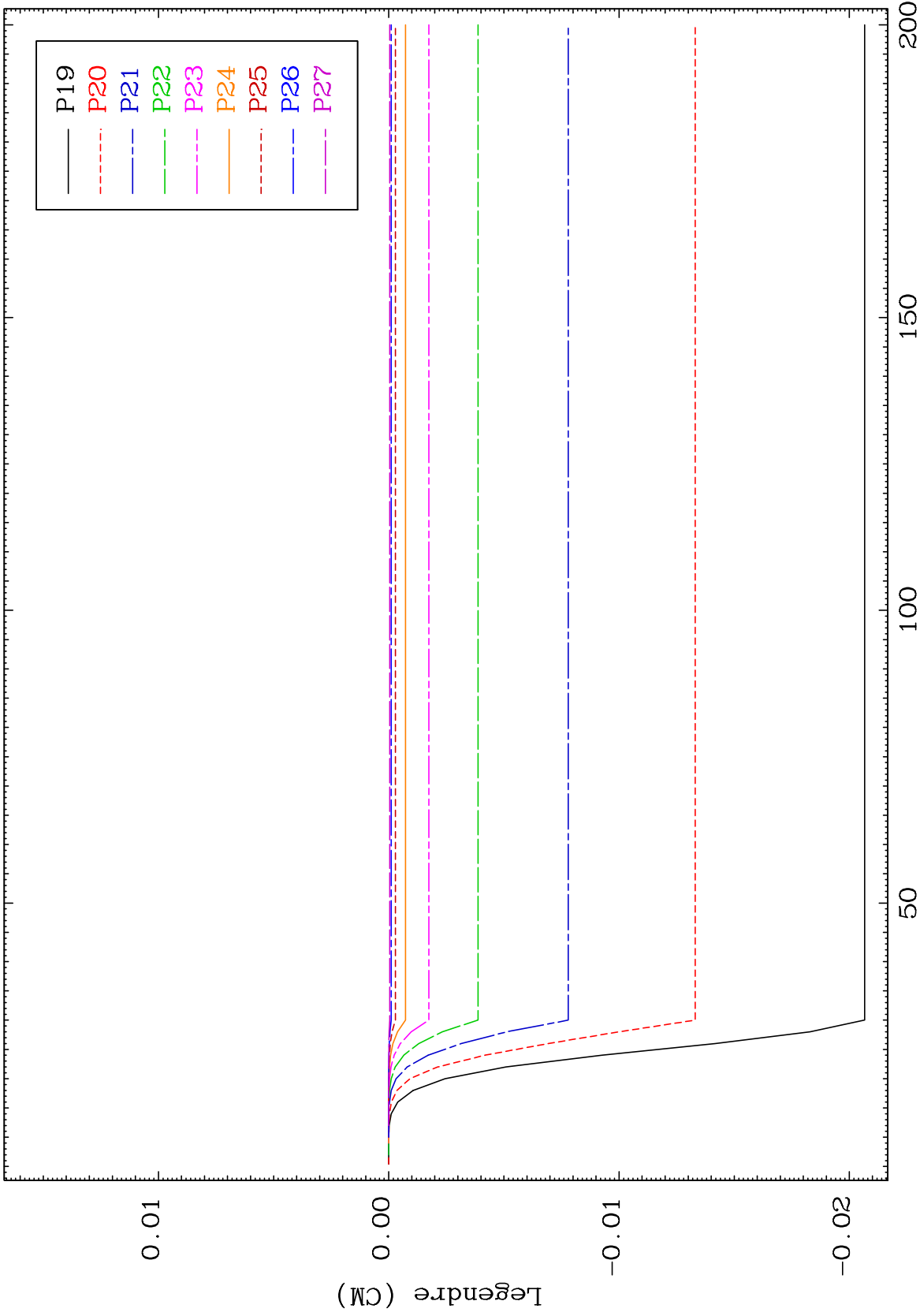
Incident Energy (MeV)



MAT 5940

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

59-Pr-146



32

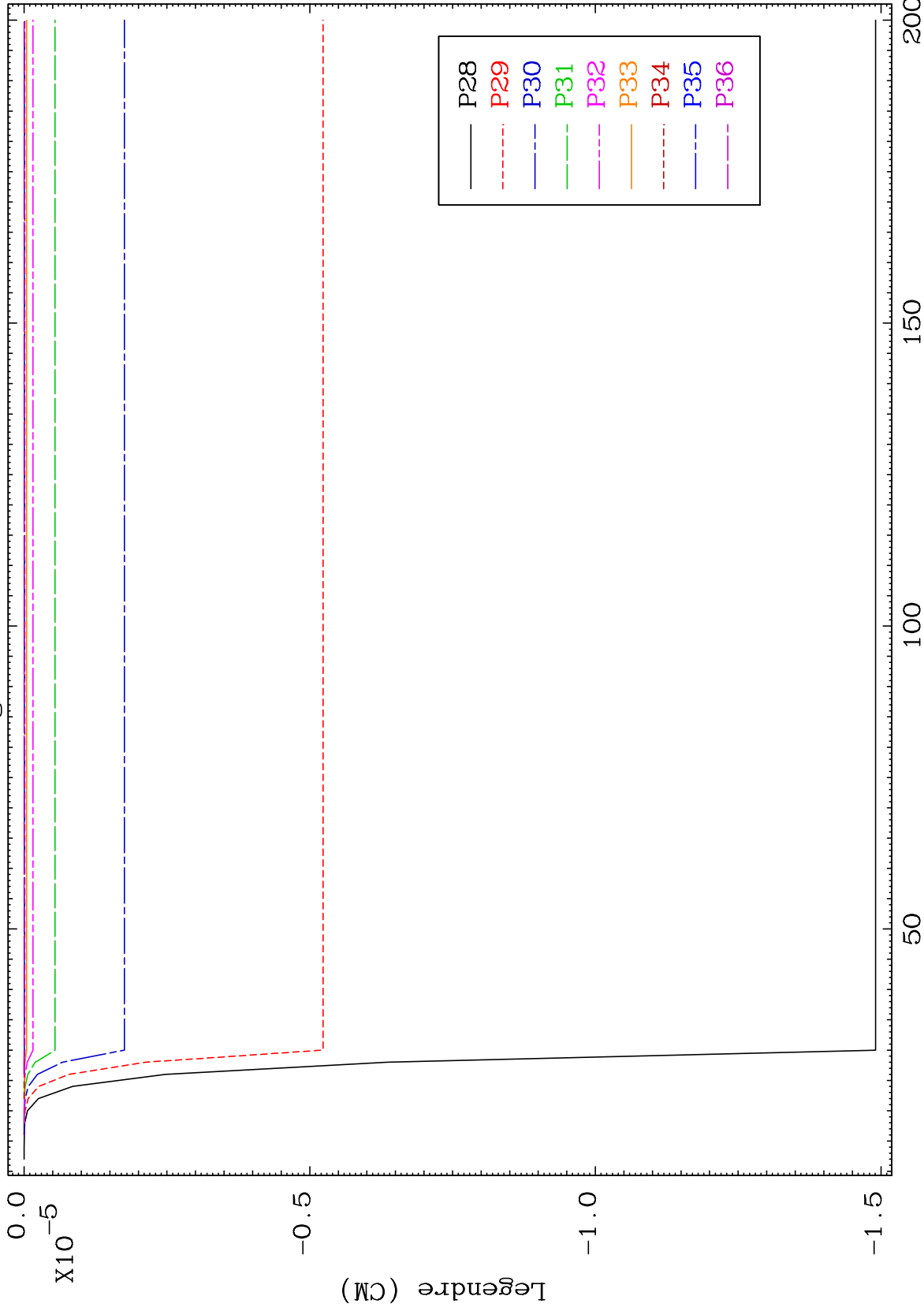
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



33

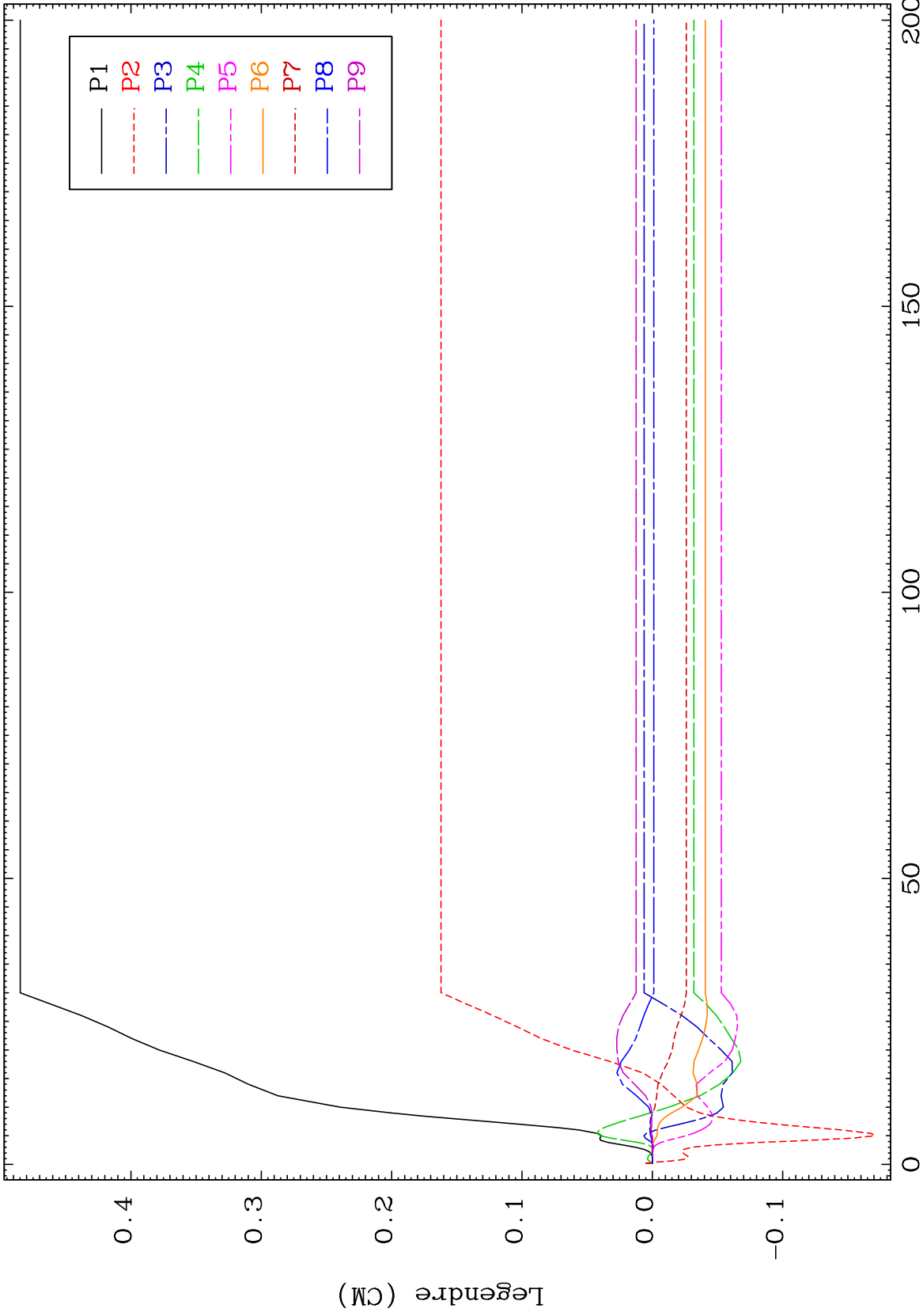
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



34

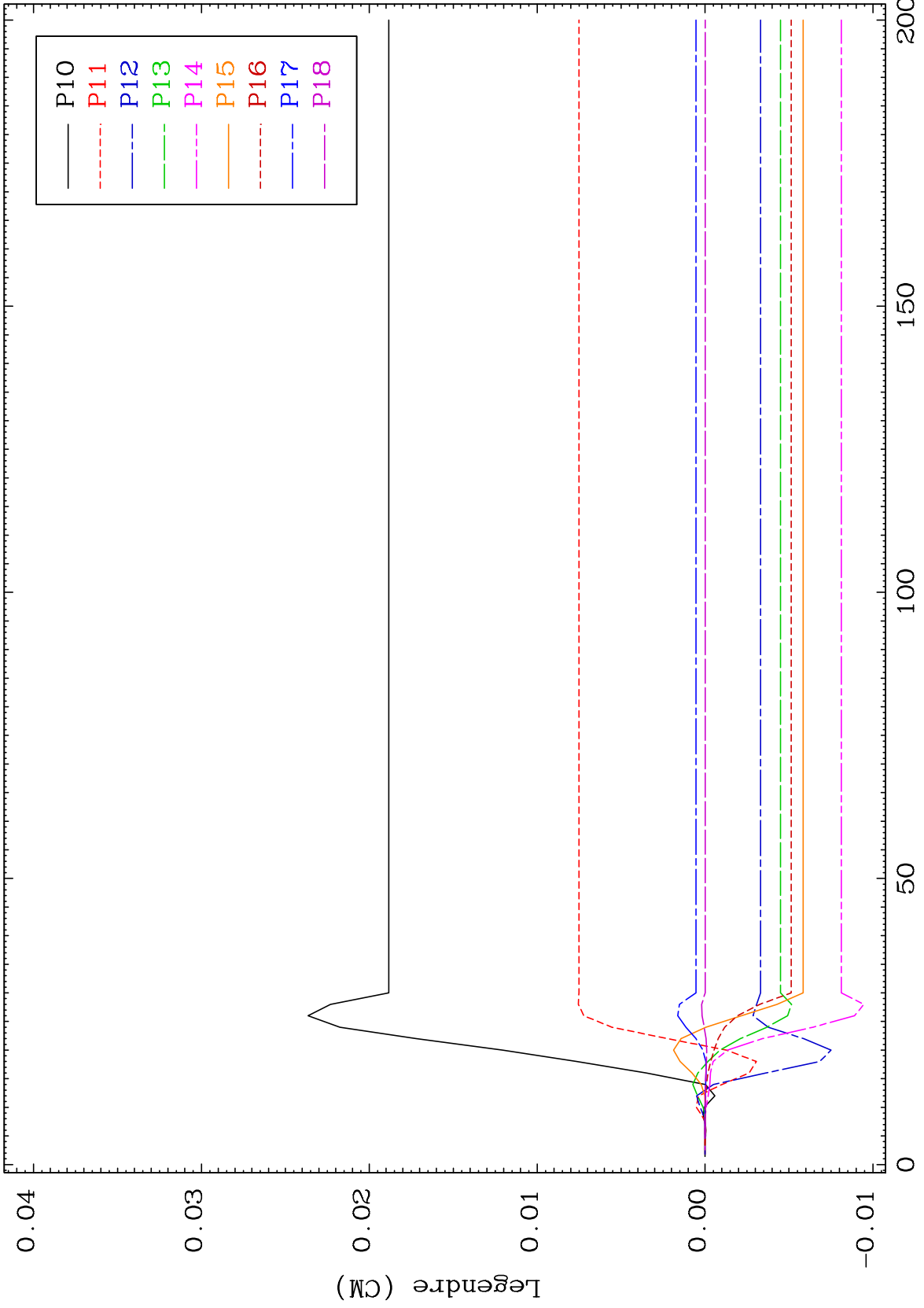
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

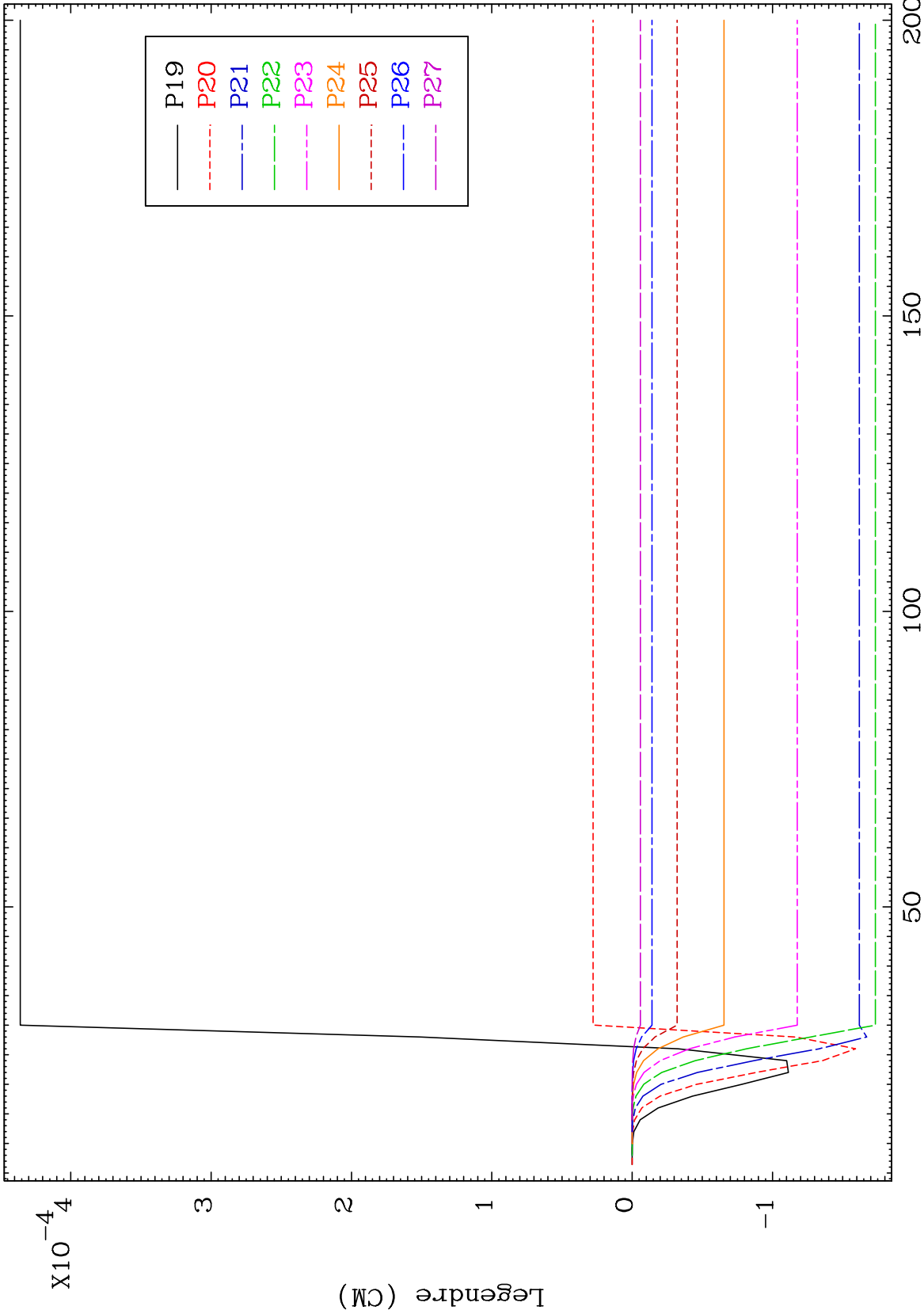
59-Pr-146



35

Incident Energy (MeV)

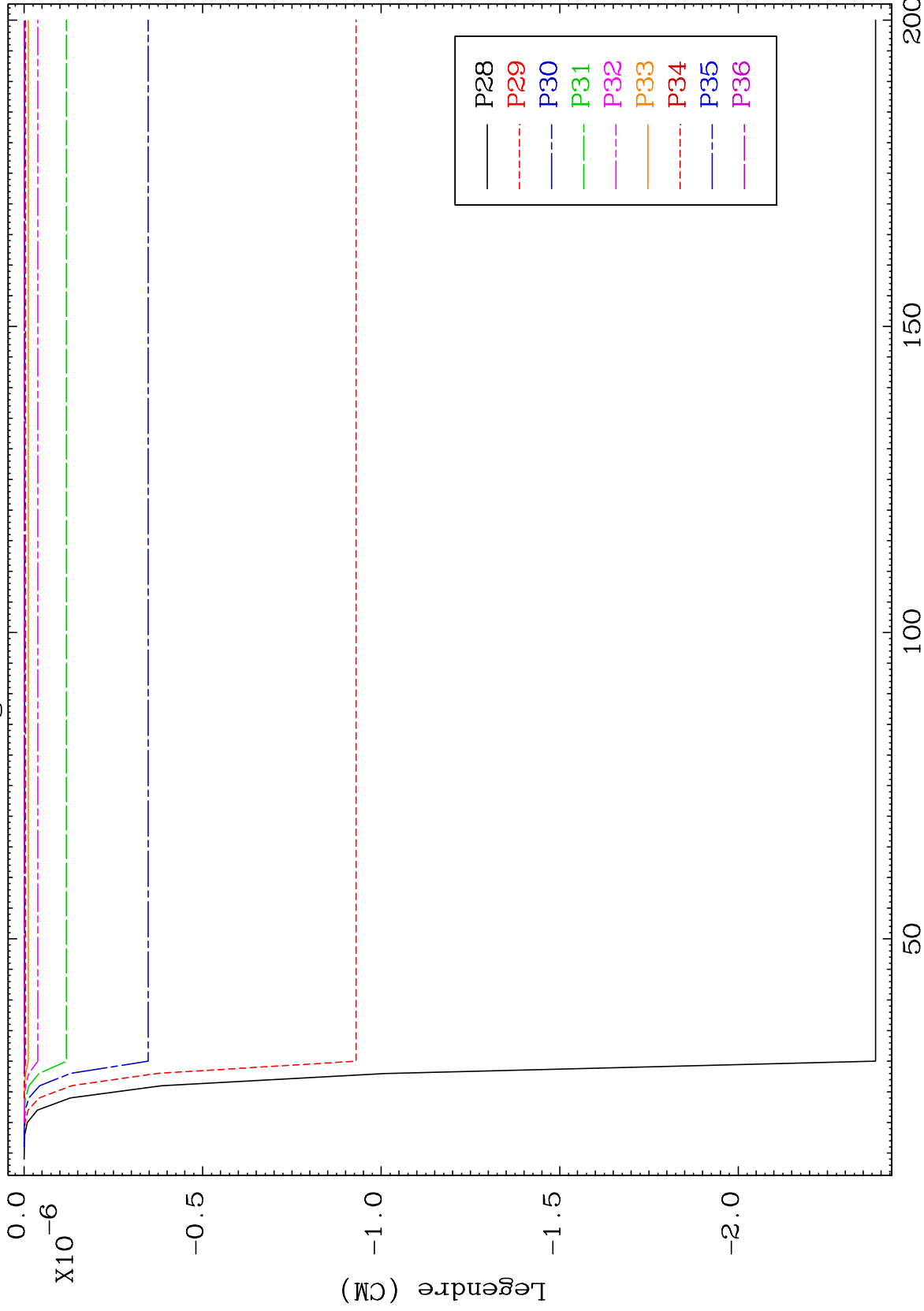
59-Pr-146



MAT 5940

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

59-Pr-146



37

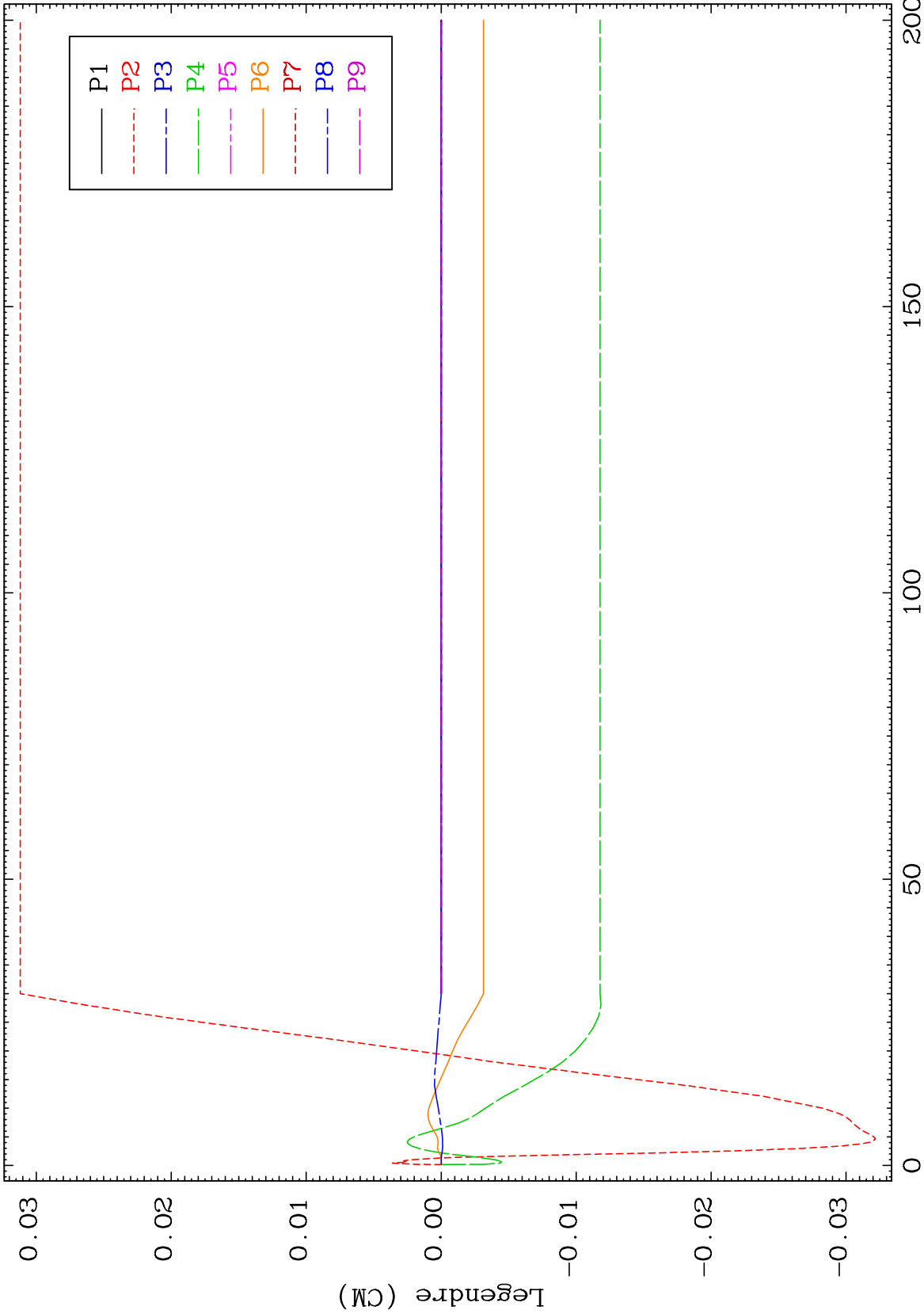
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



38

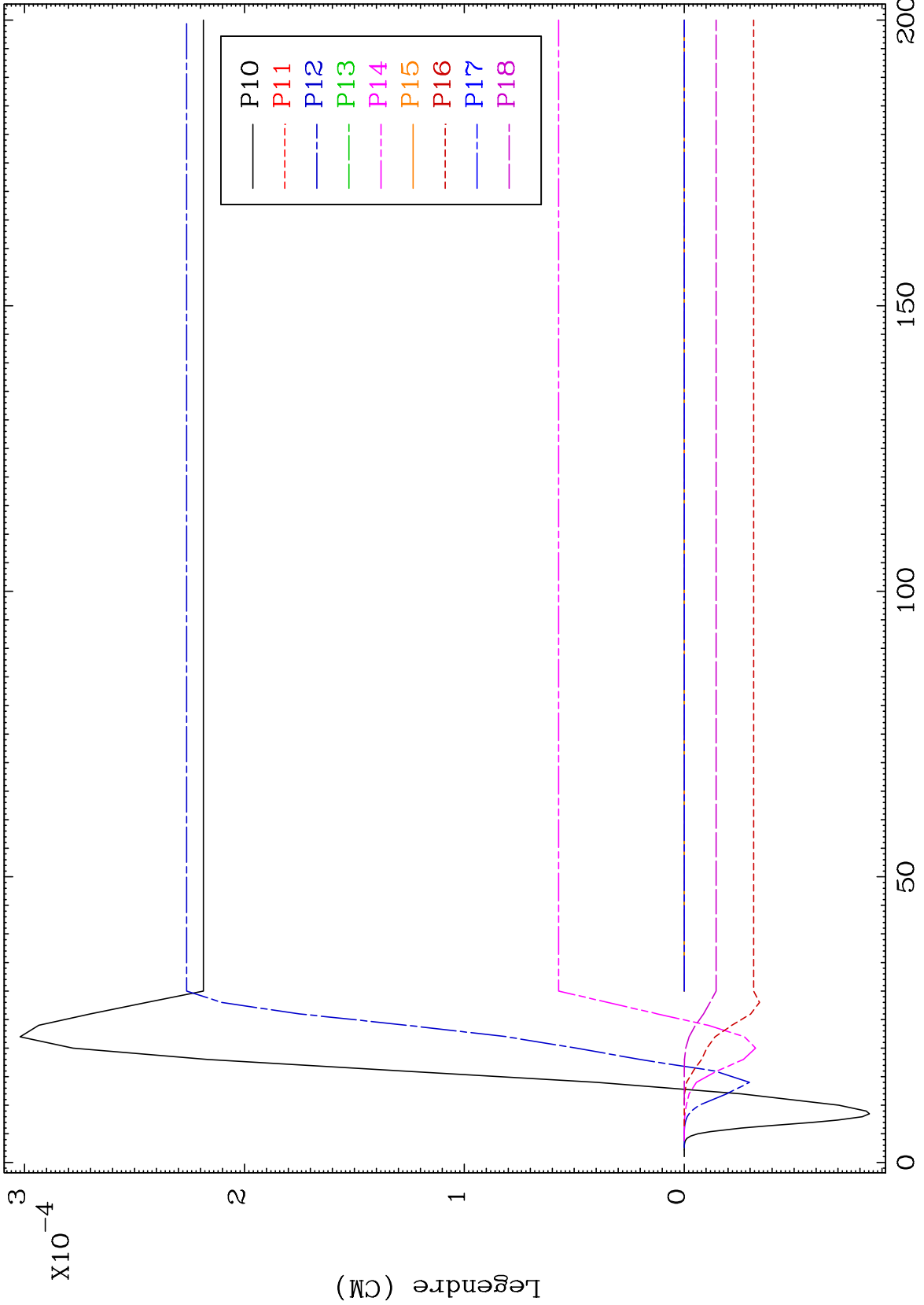
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



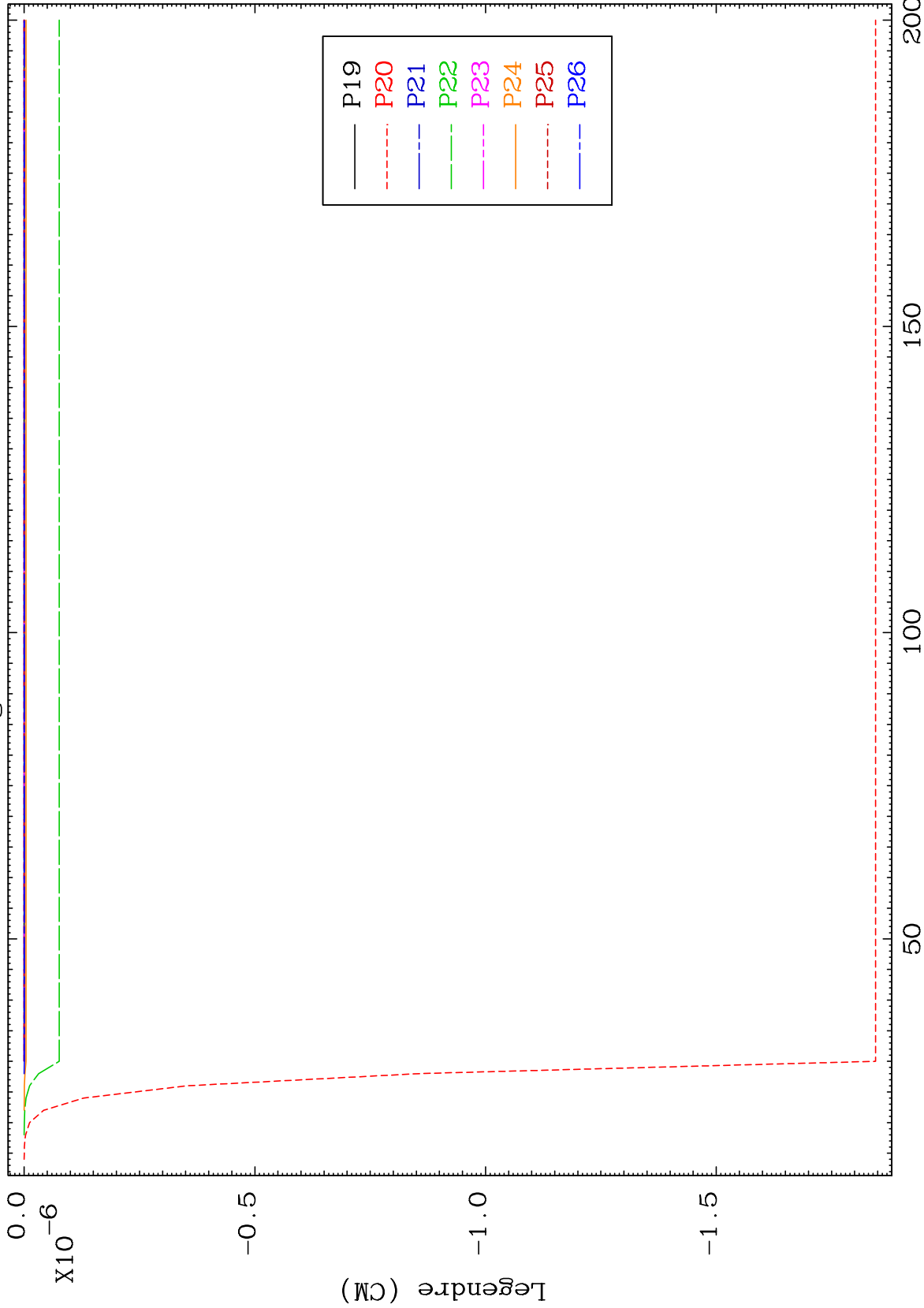
39

59-Pr-146

MAT 5940

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

59-Pr-146



40

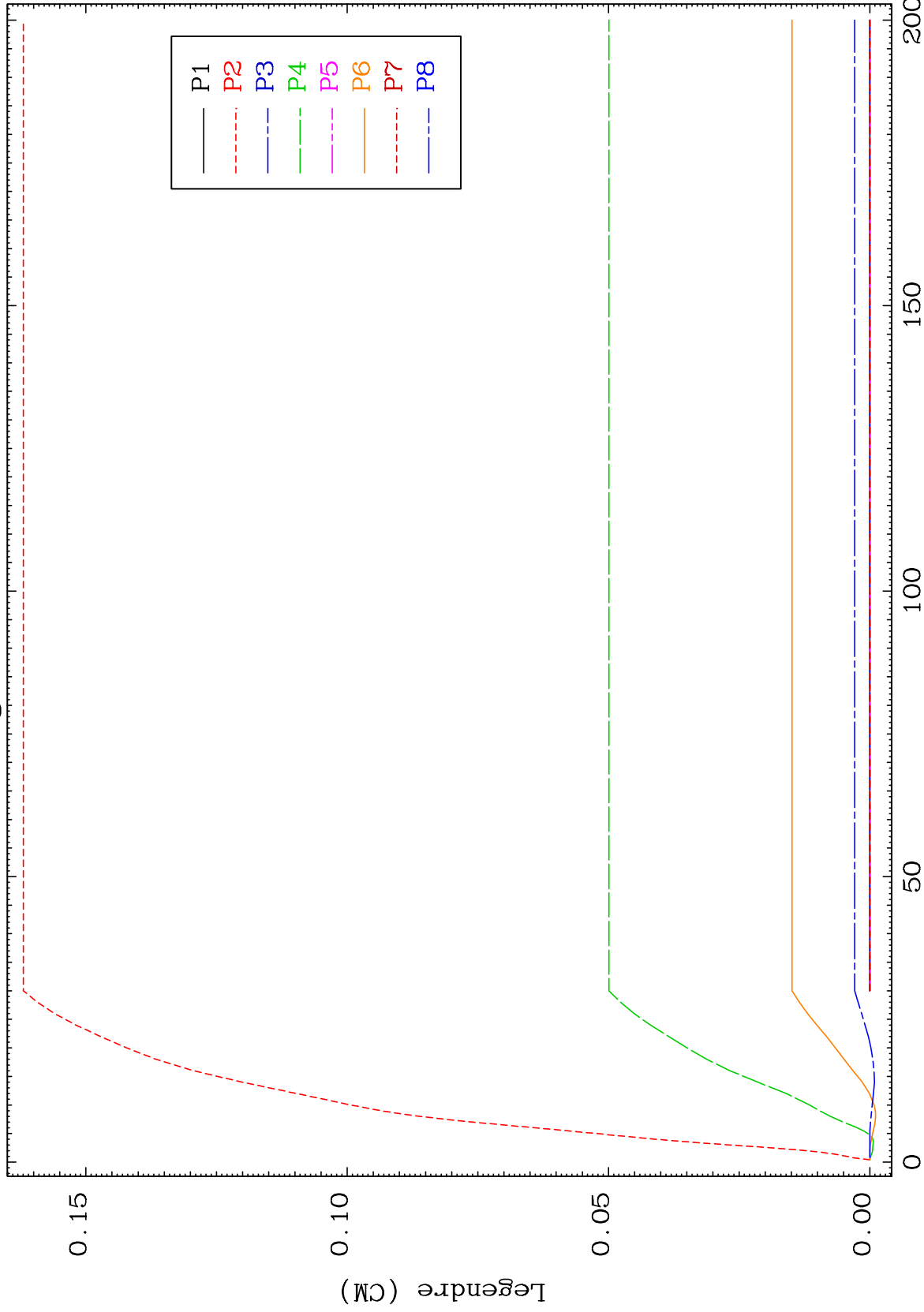
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



41

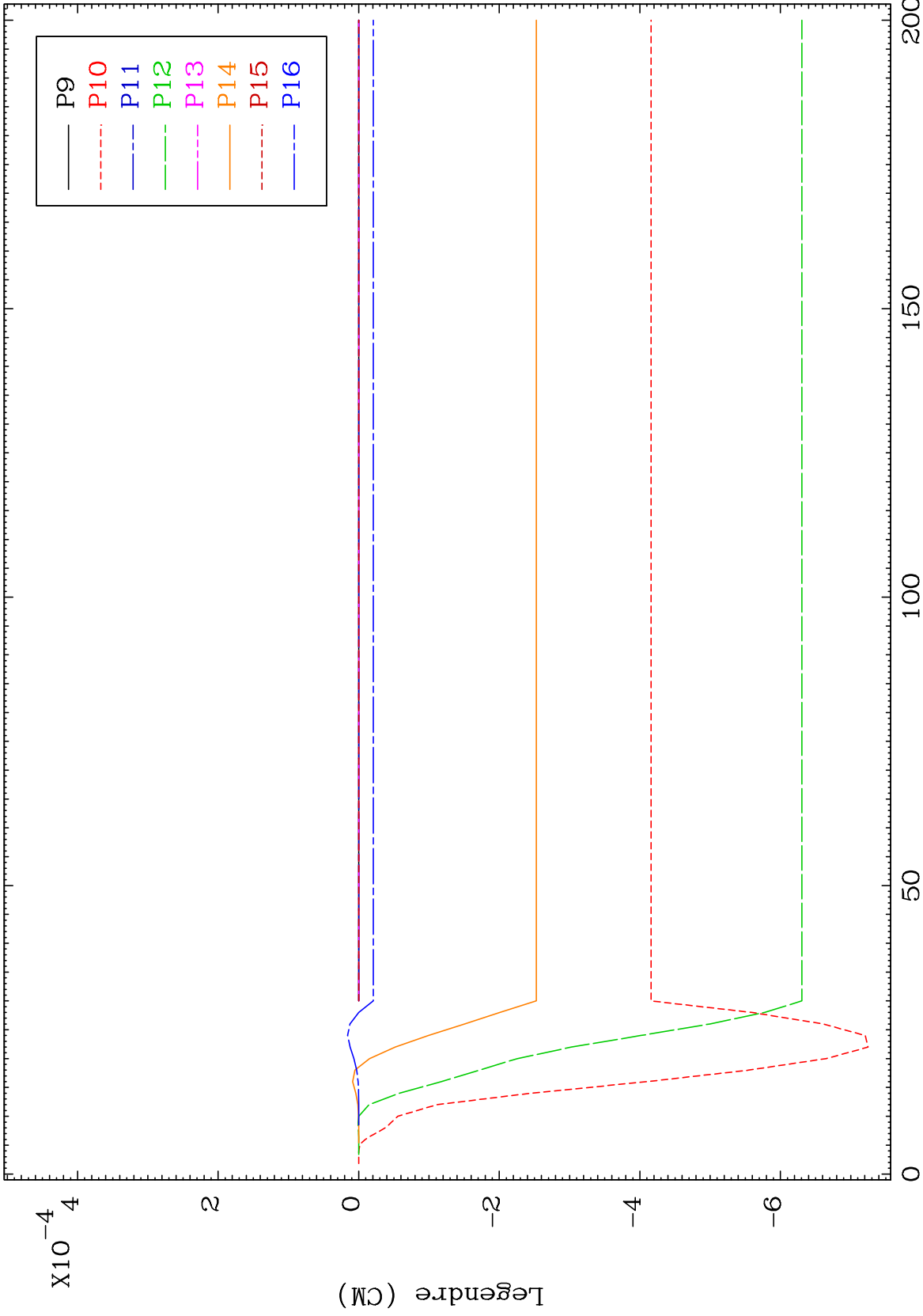
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



42

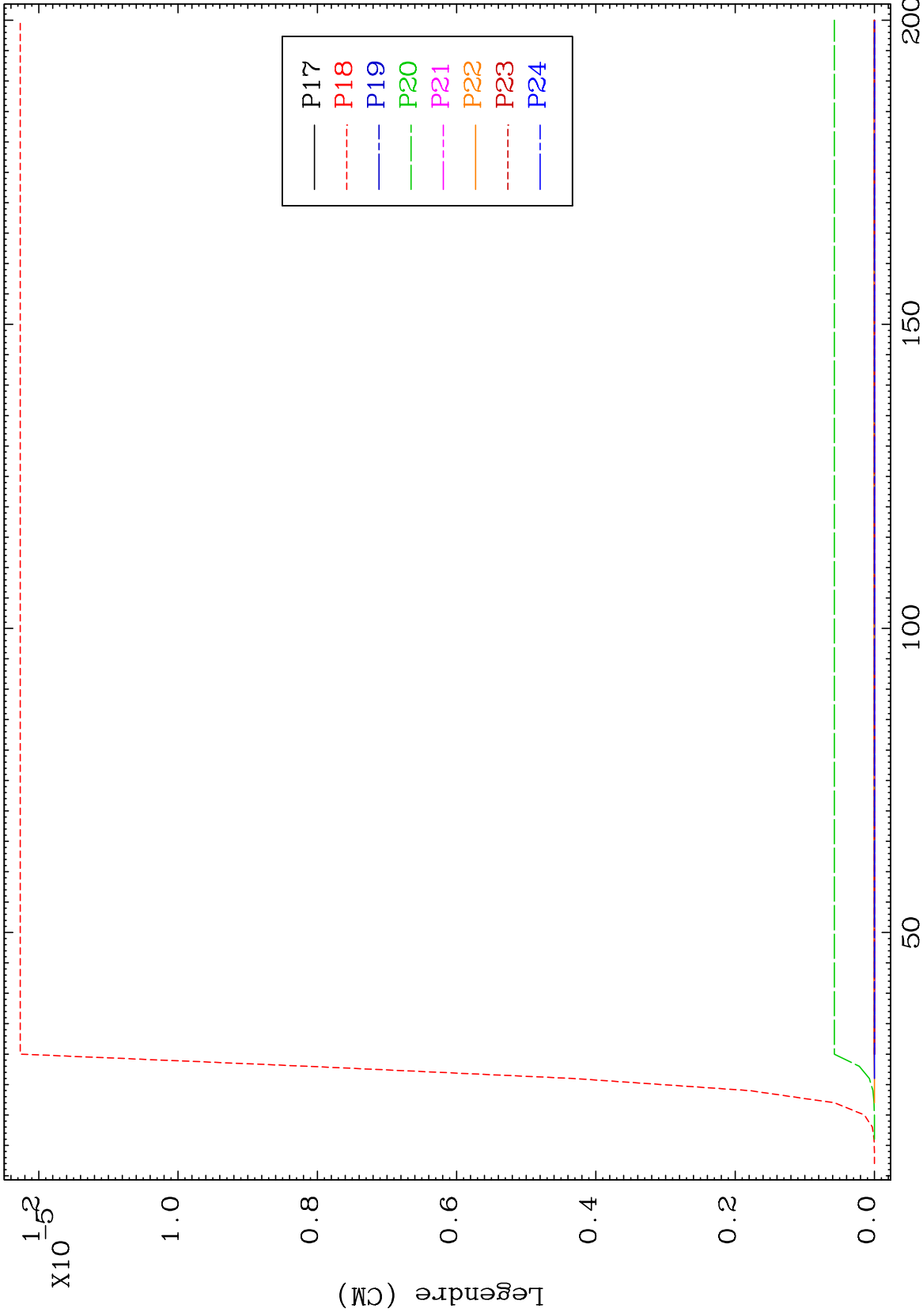
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



43

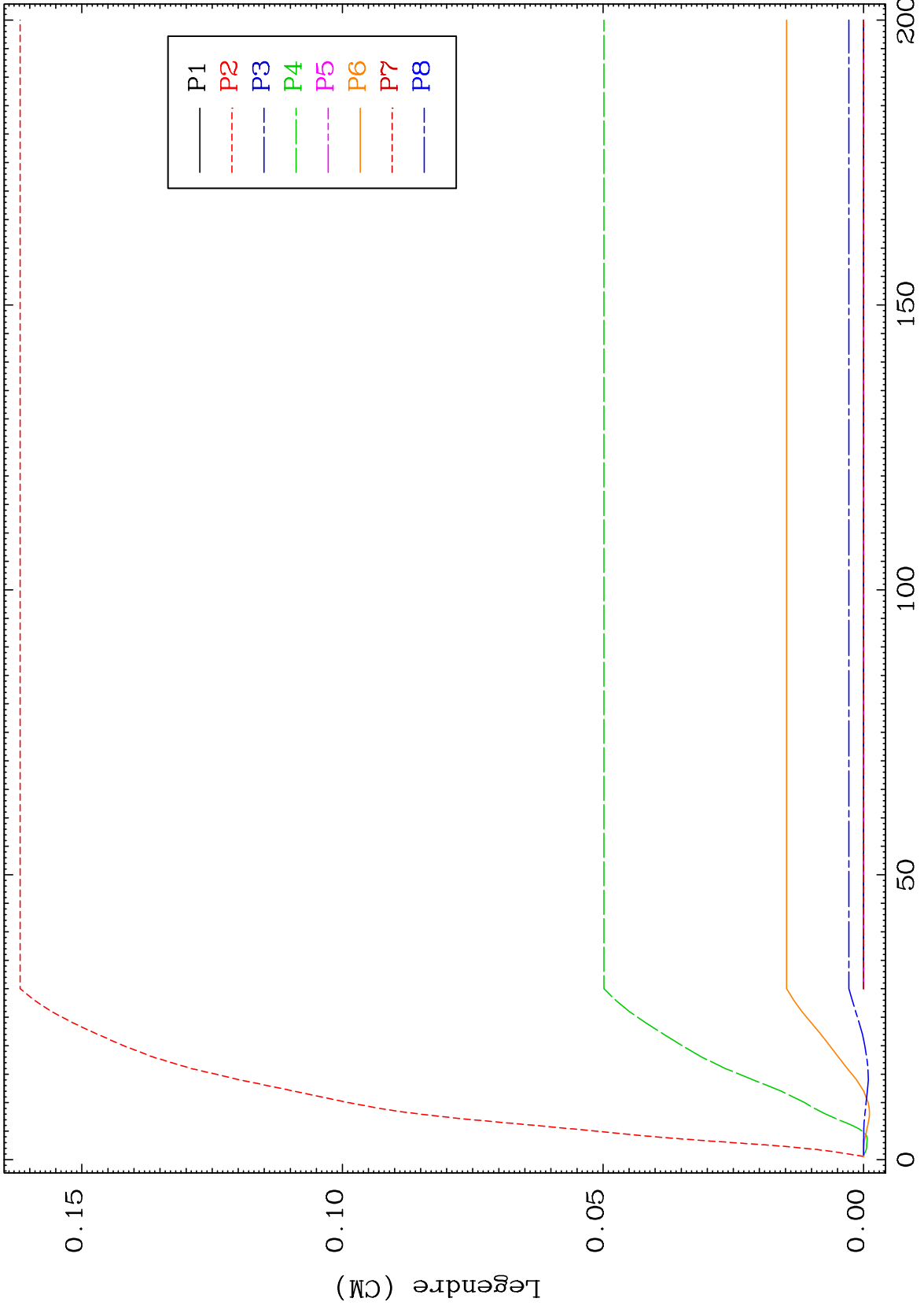
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



44

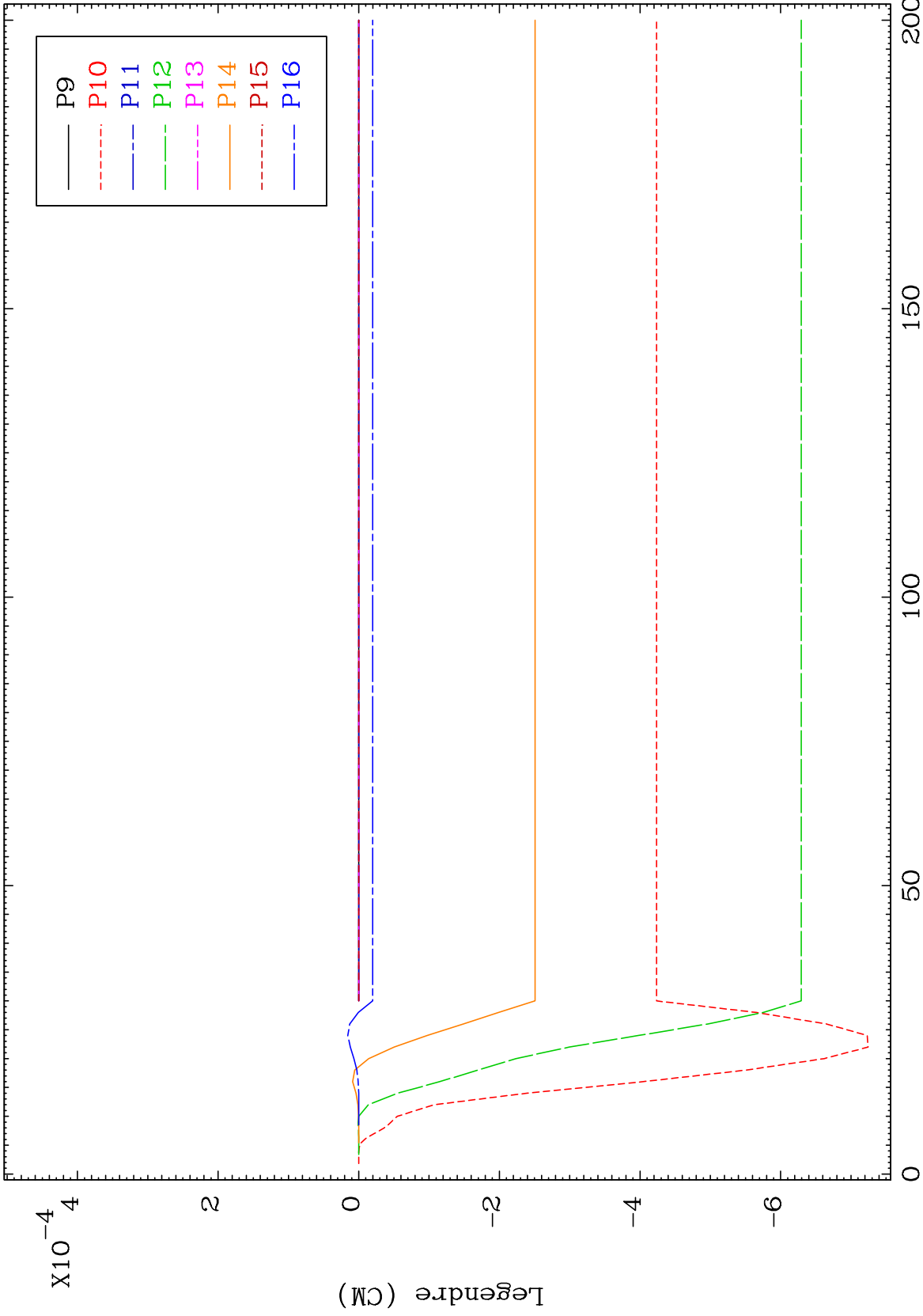
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



45

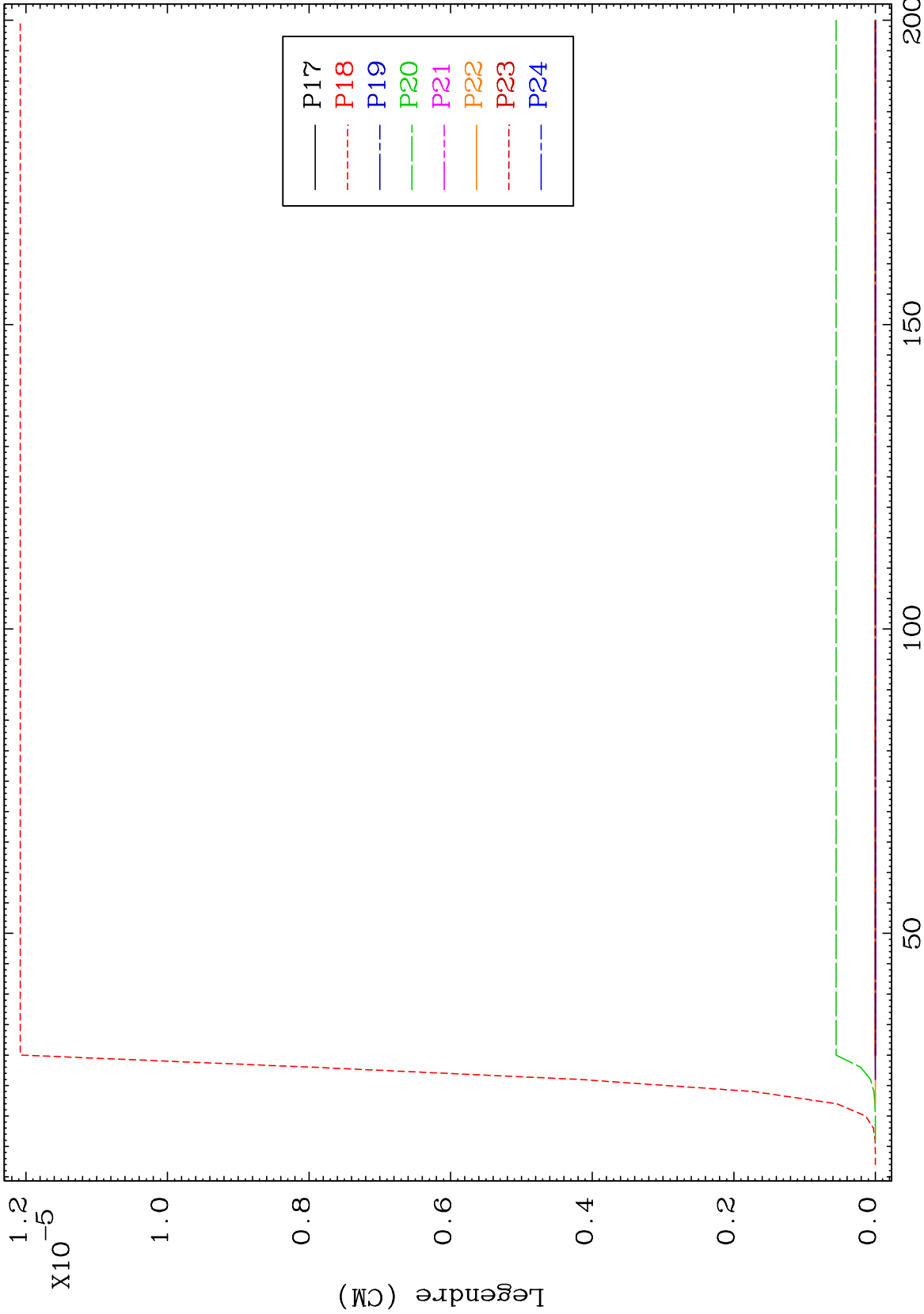
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



46

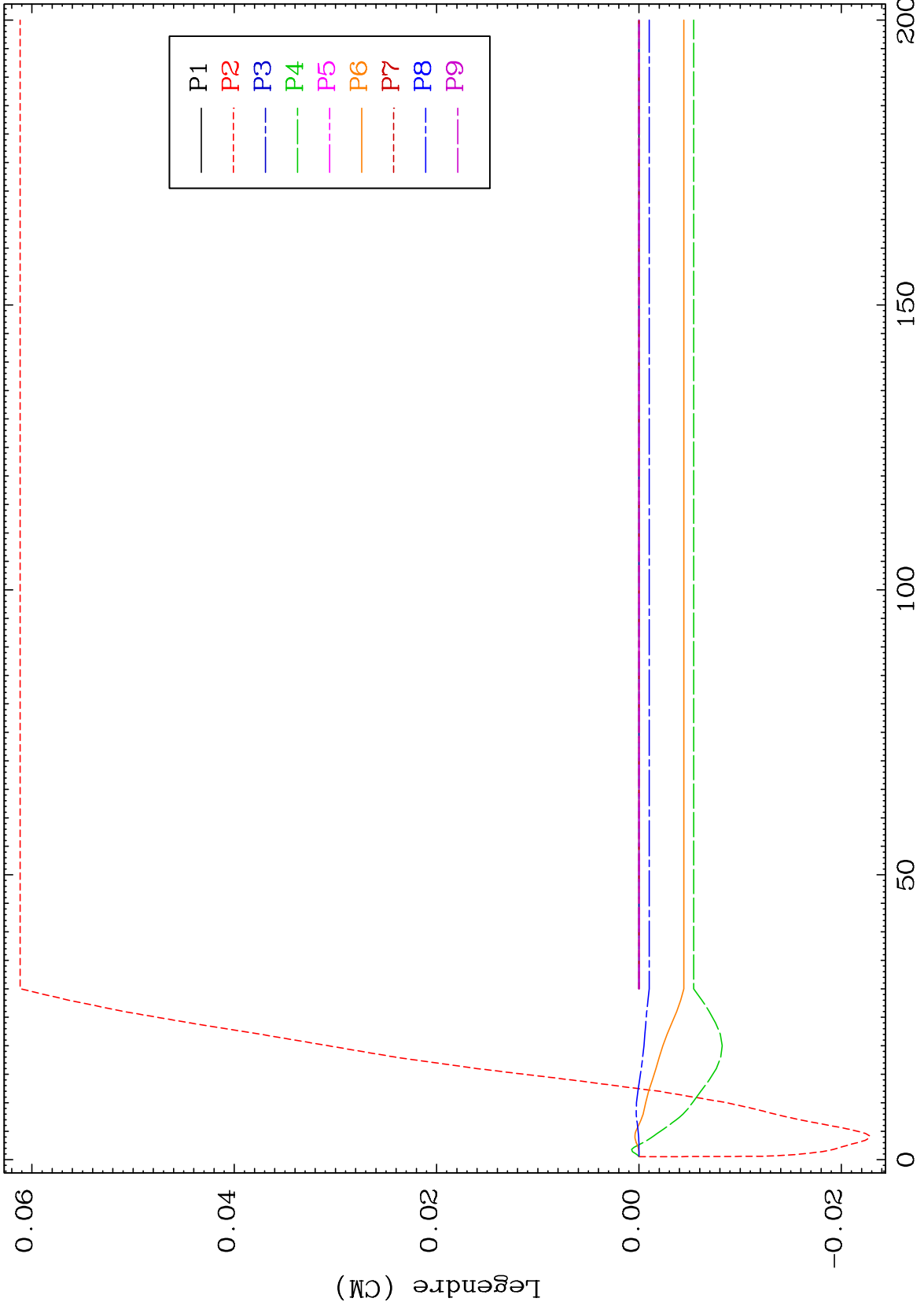
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



47

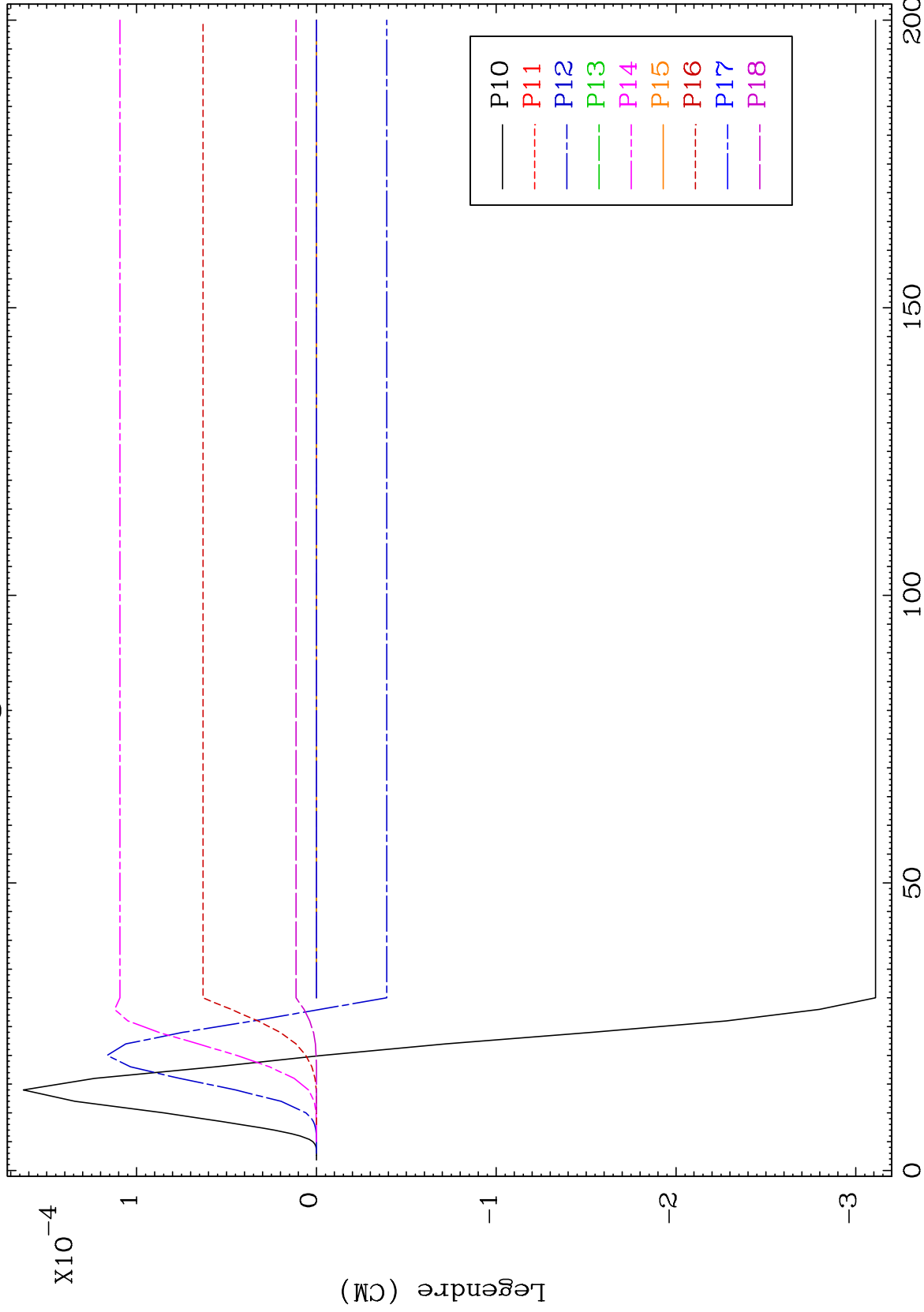
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



48

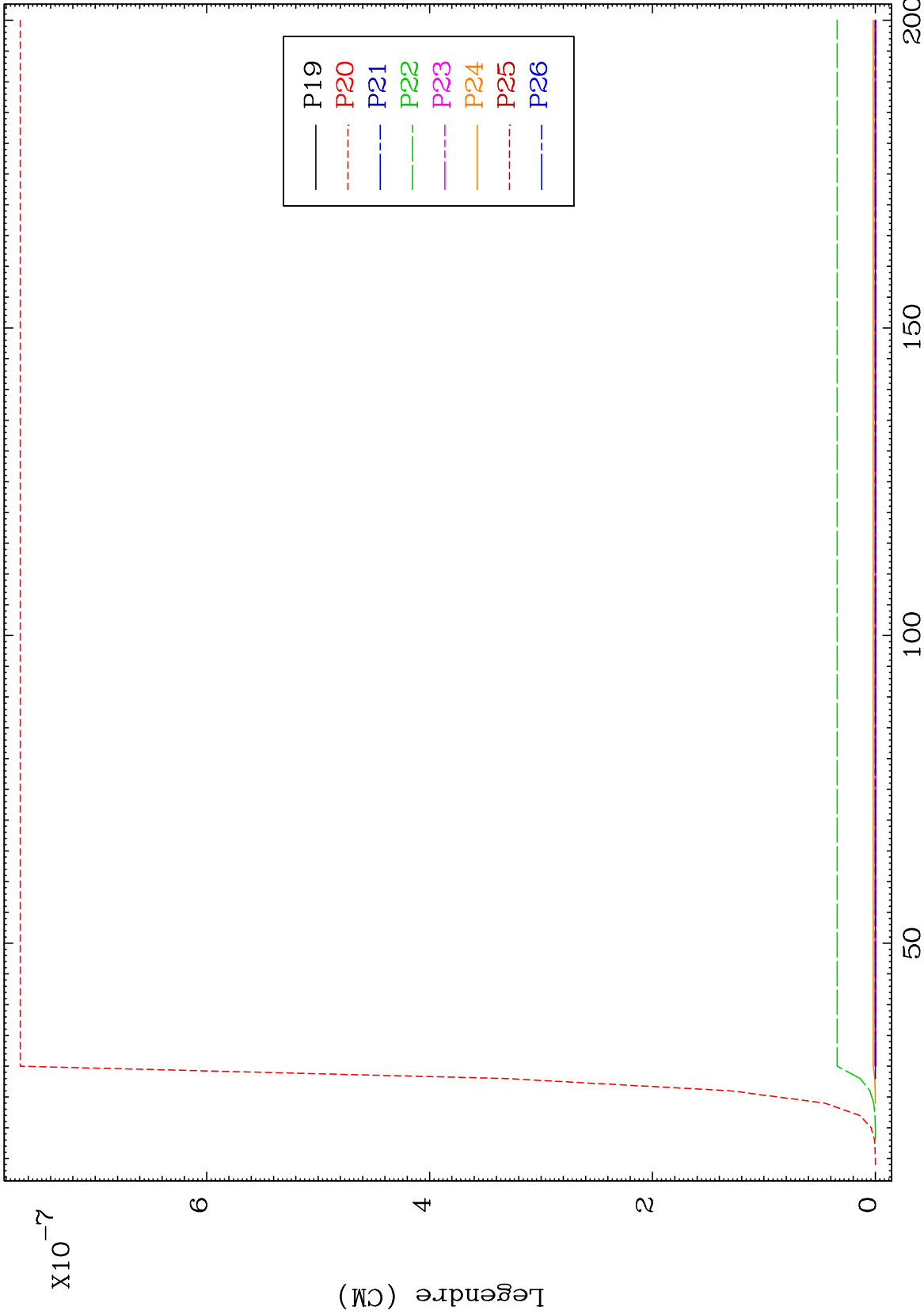
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



49

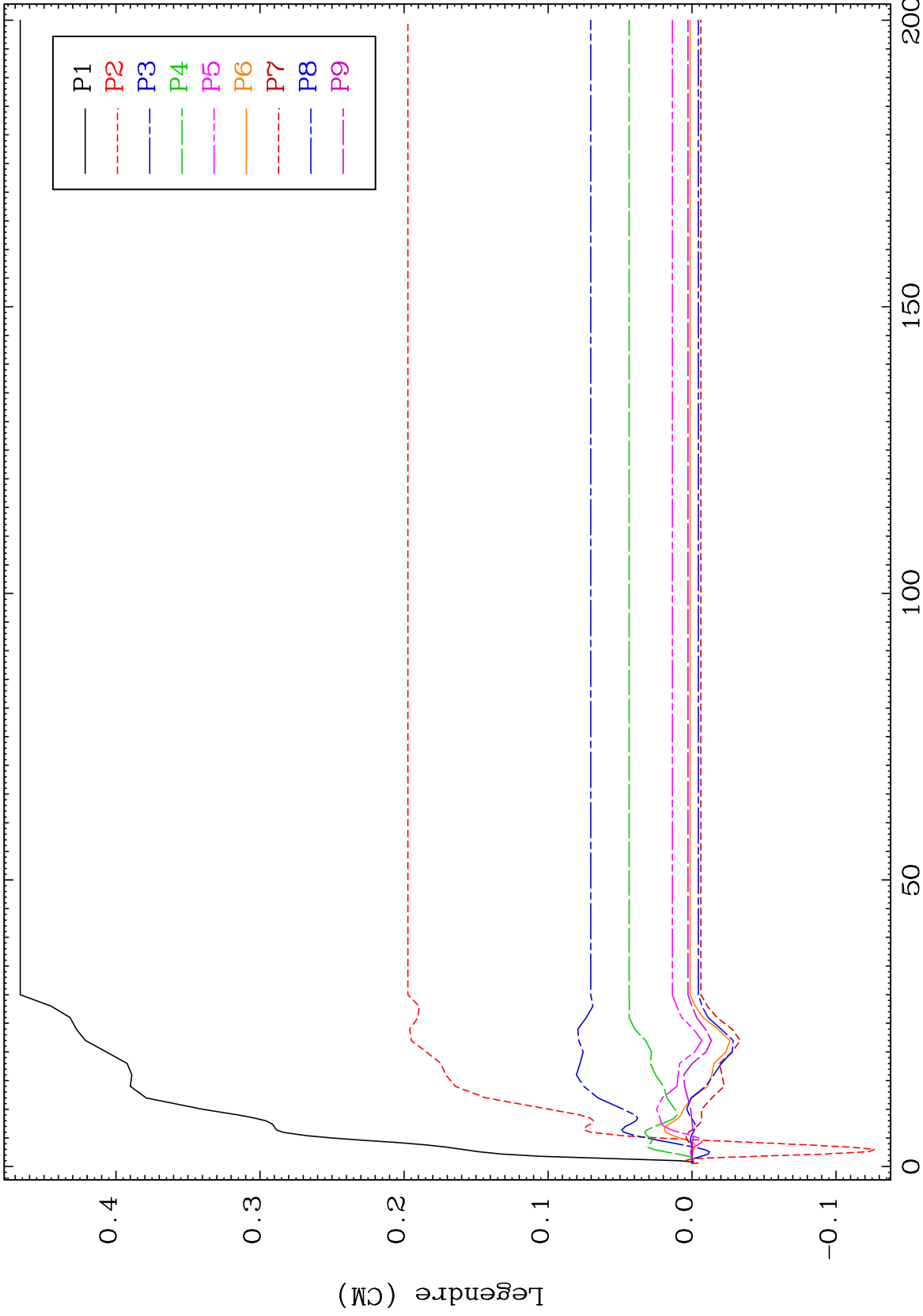
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



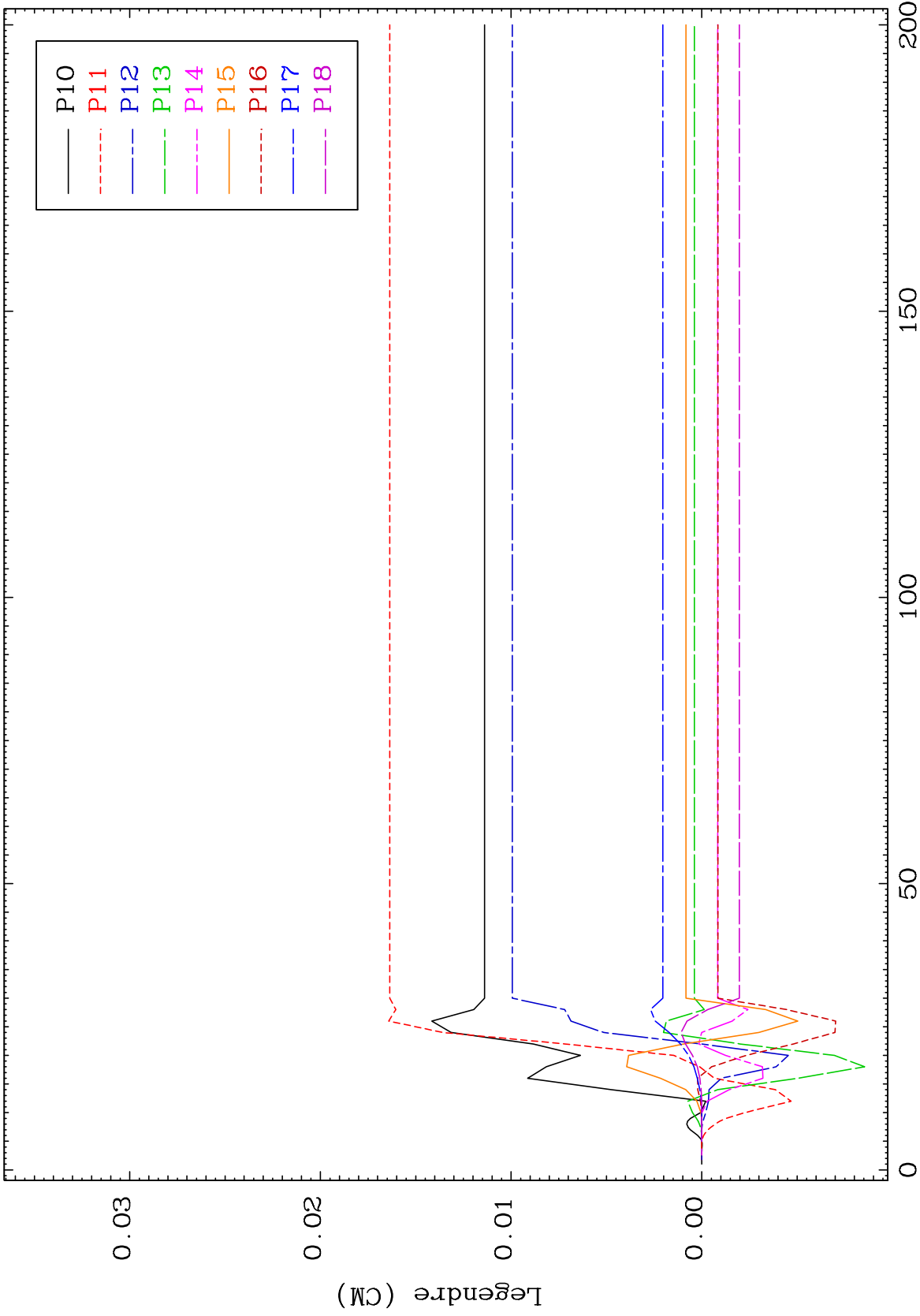
59-Pr-146

Incident Energy (MeV)

MAT 5940

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

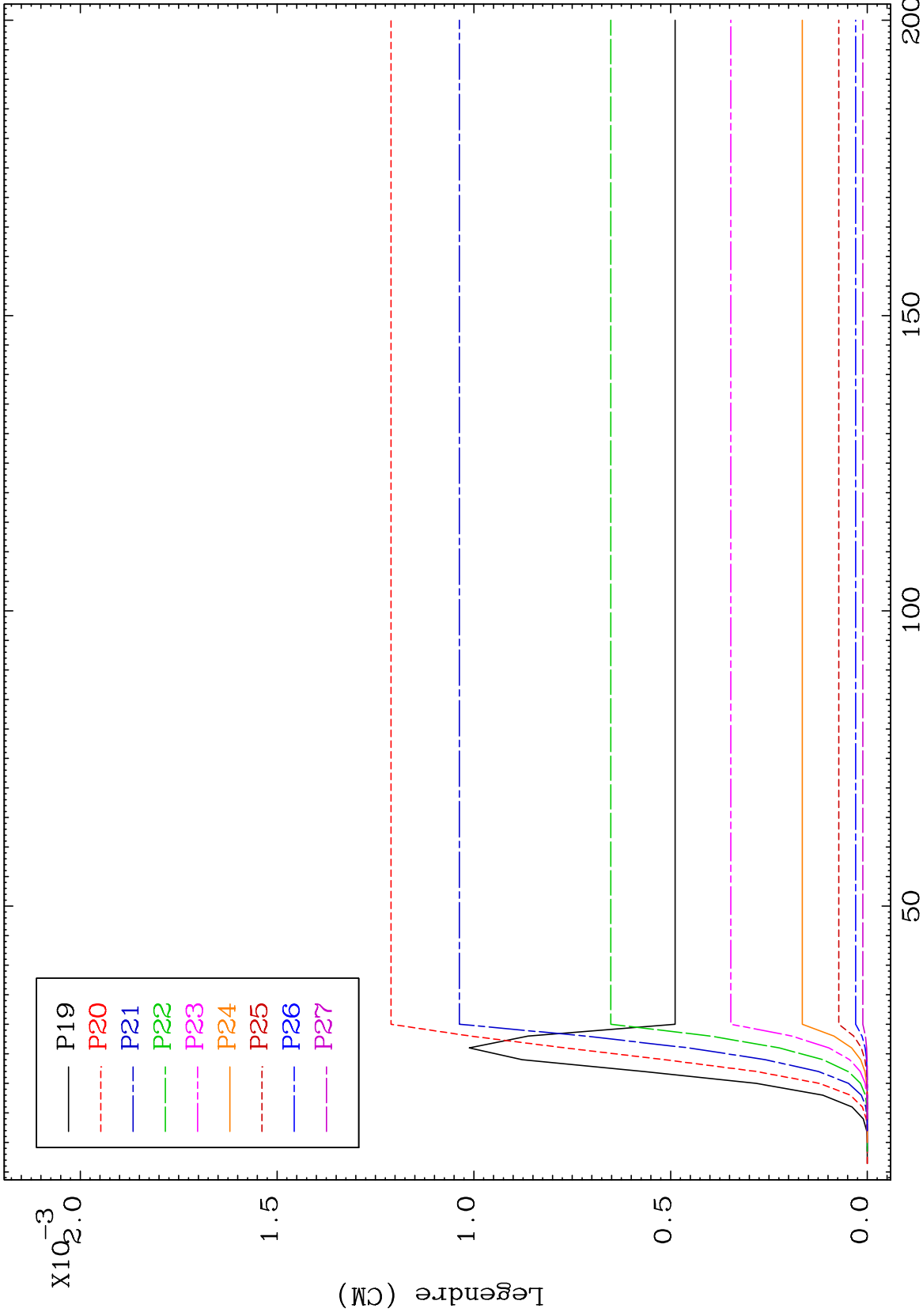
59-Pr-146

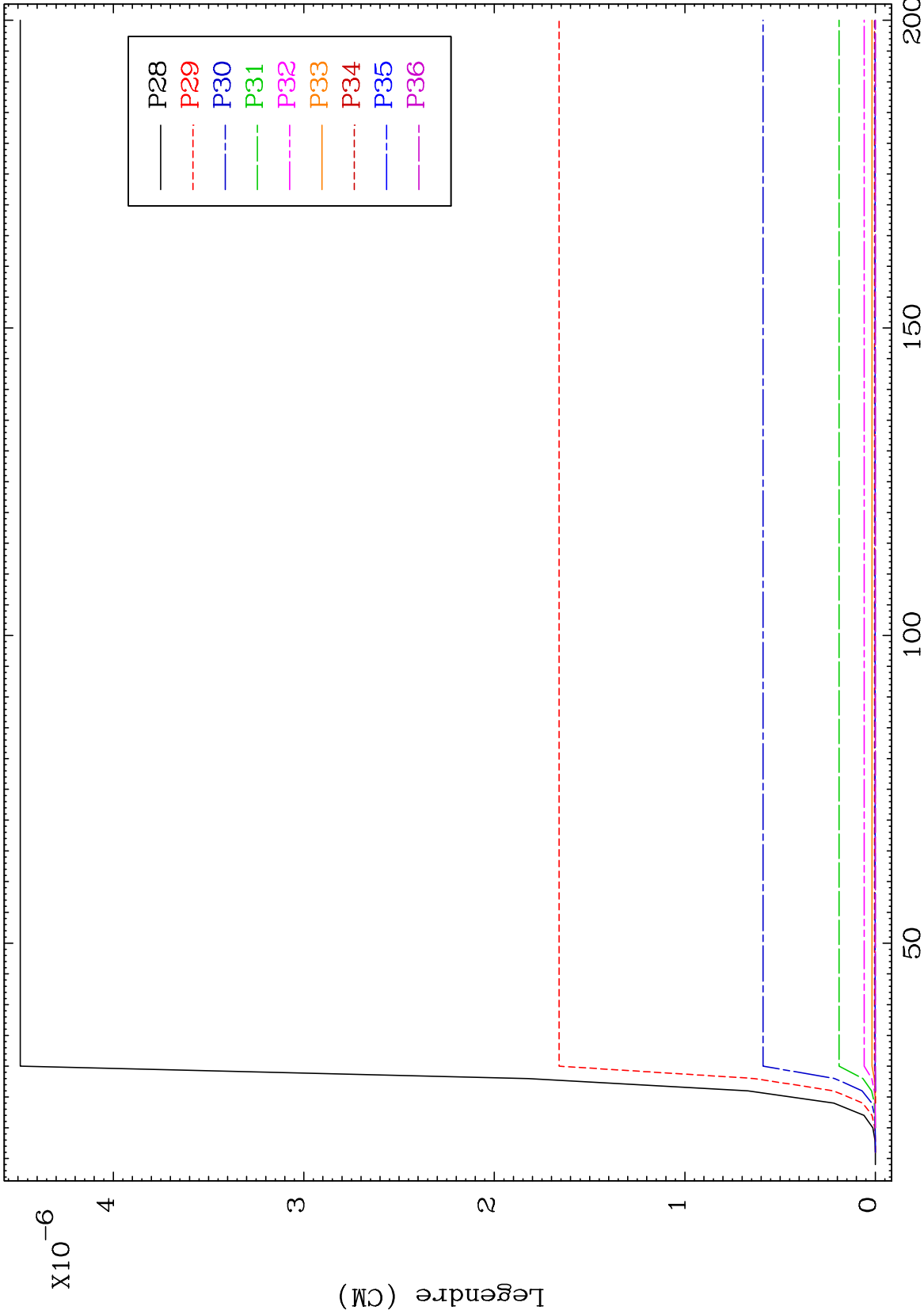


51

Incident Energy (MeV)

59-Pr-146

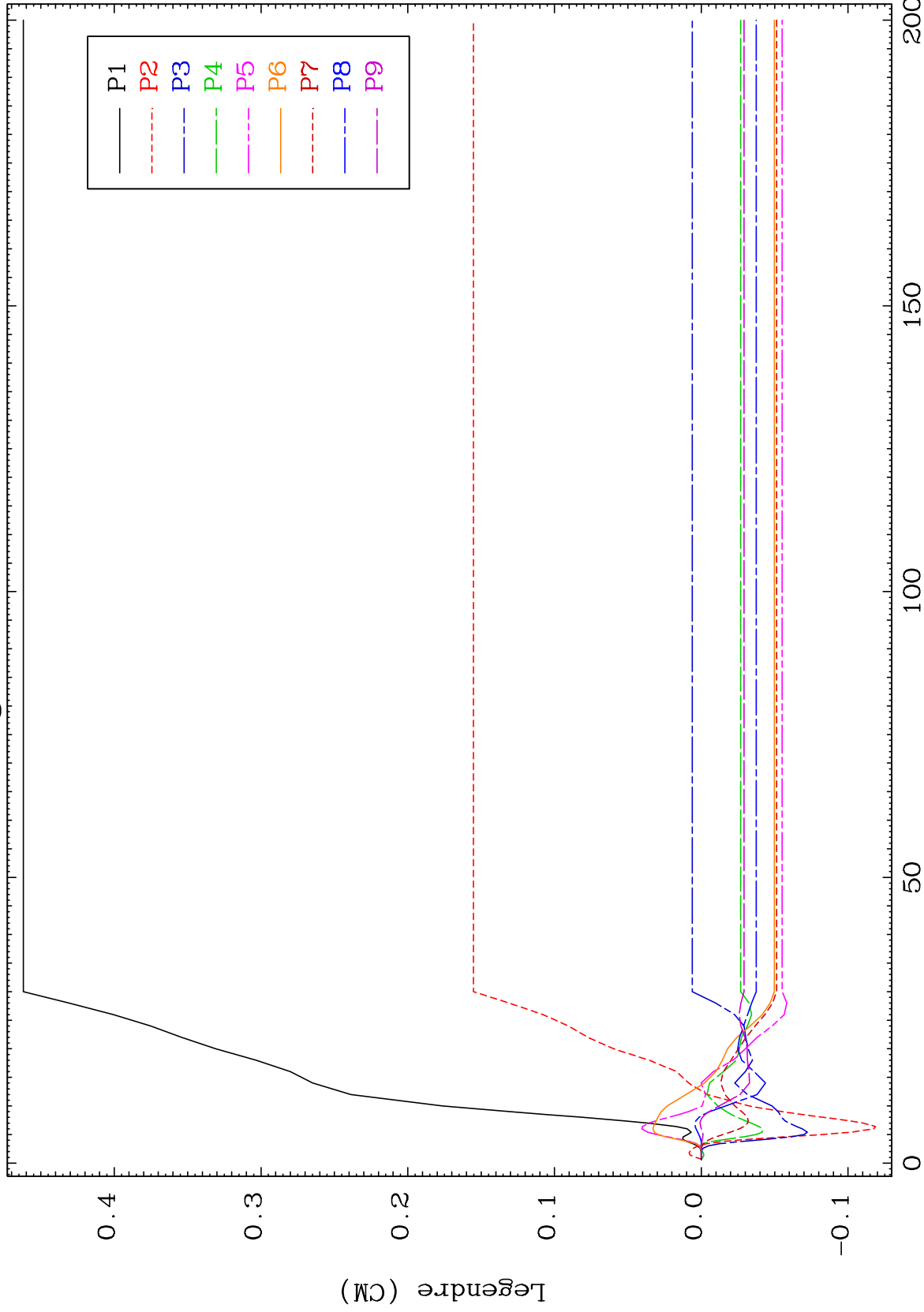




MAT 5940

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

59-Pr-146



54

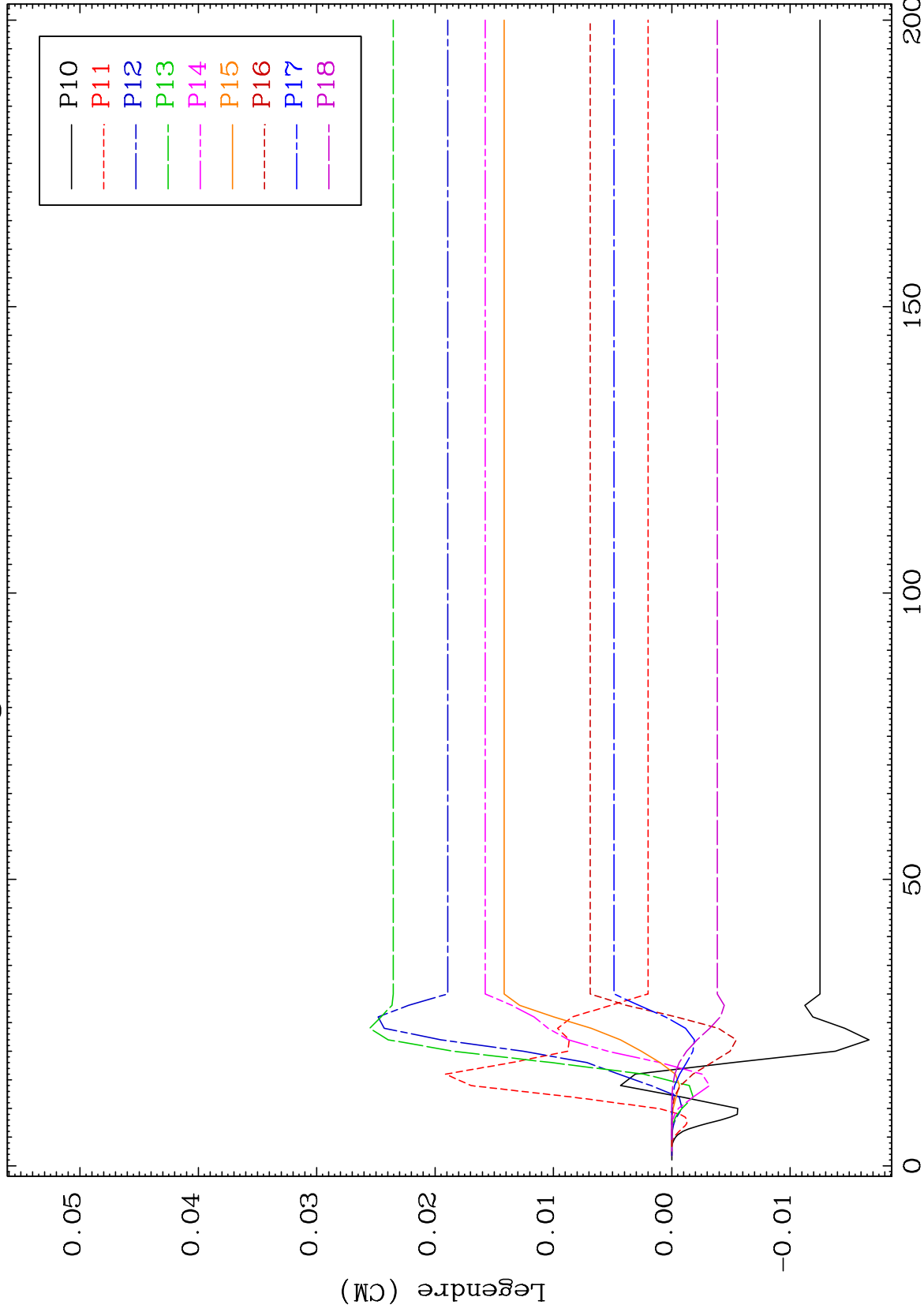
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



55

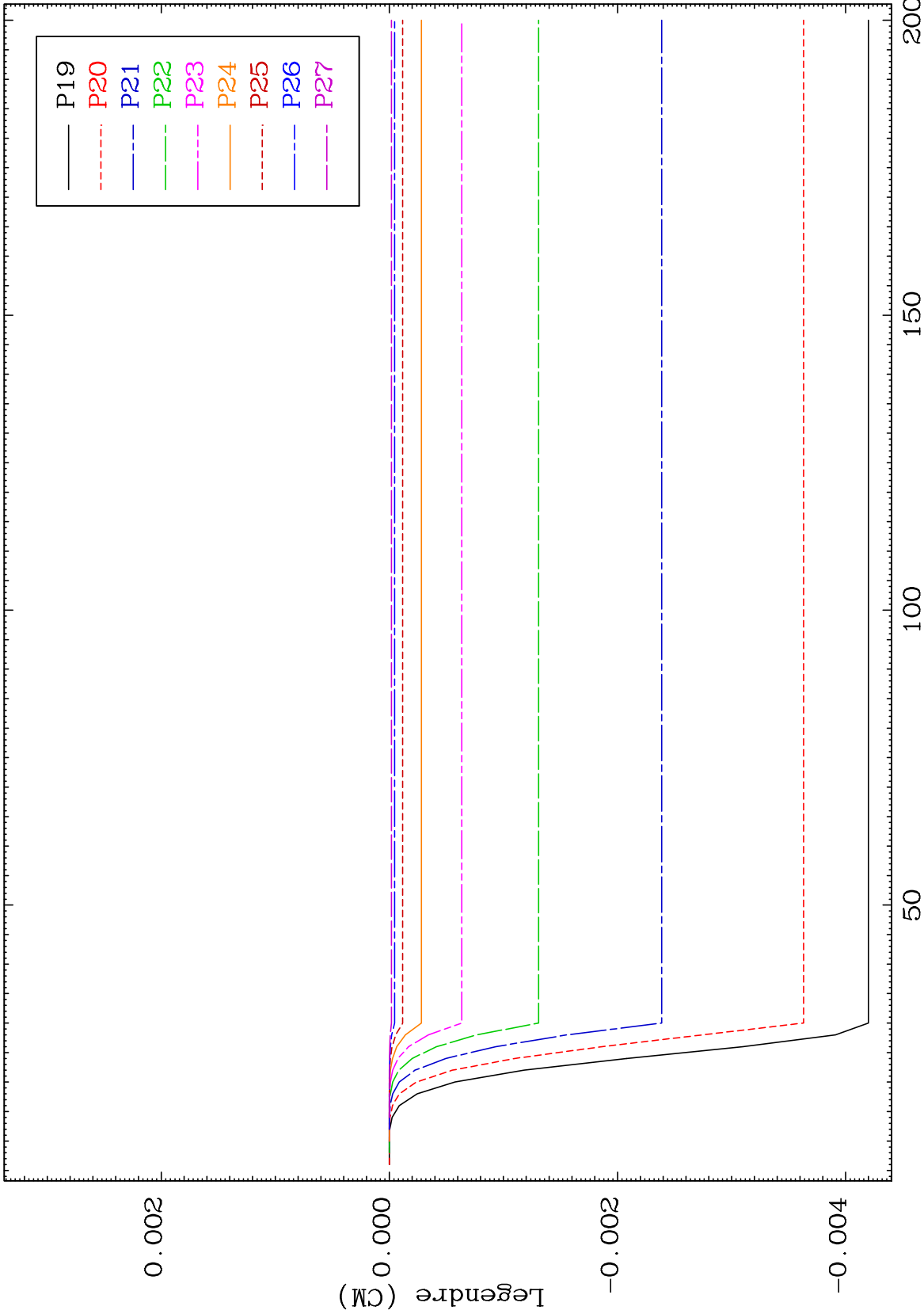
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



56

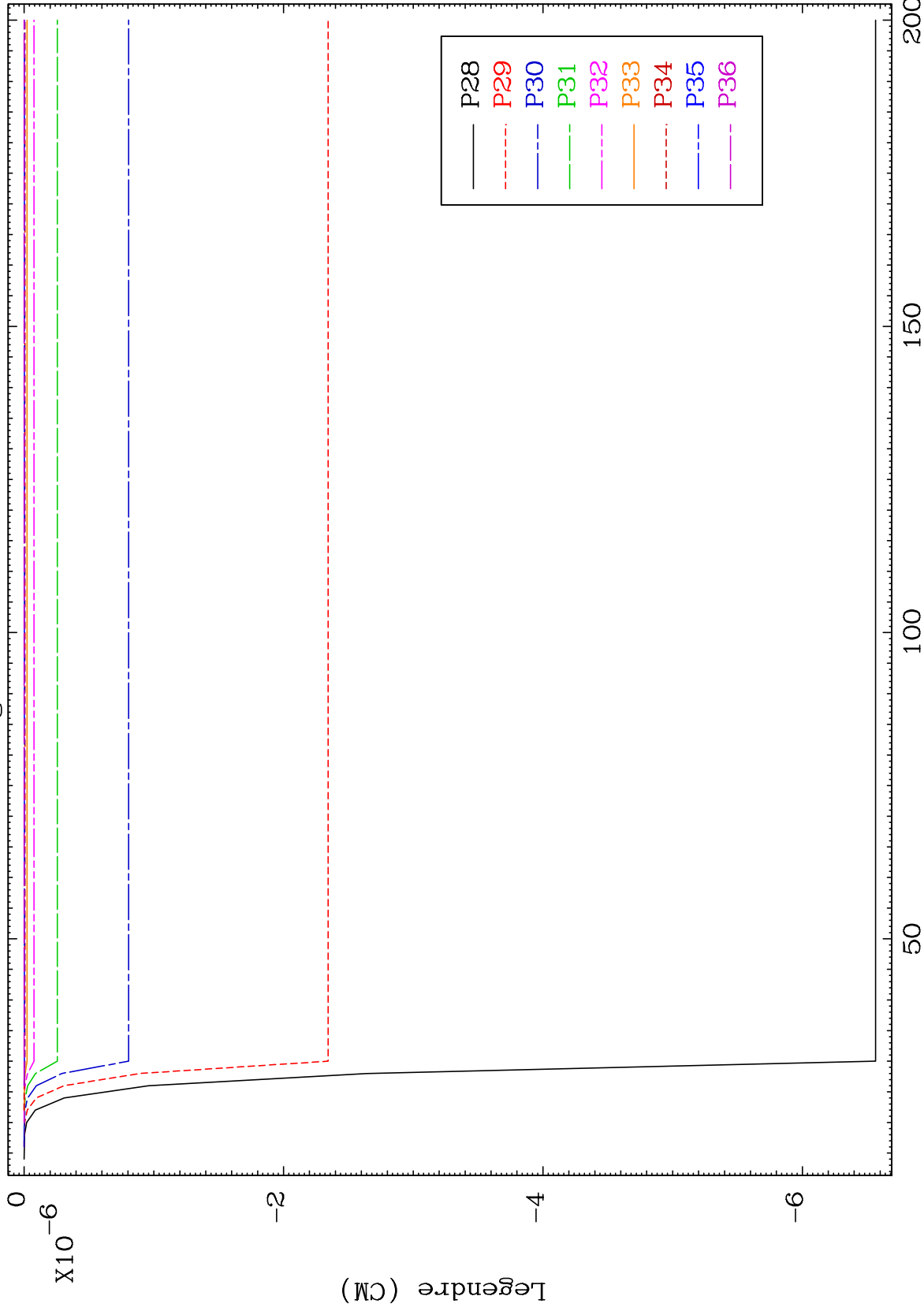
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



57

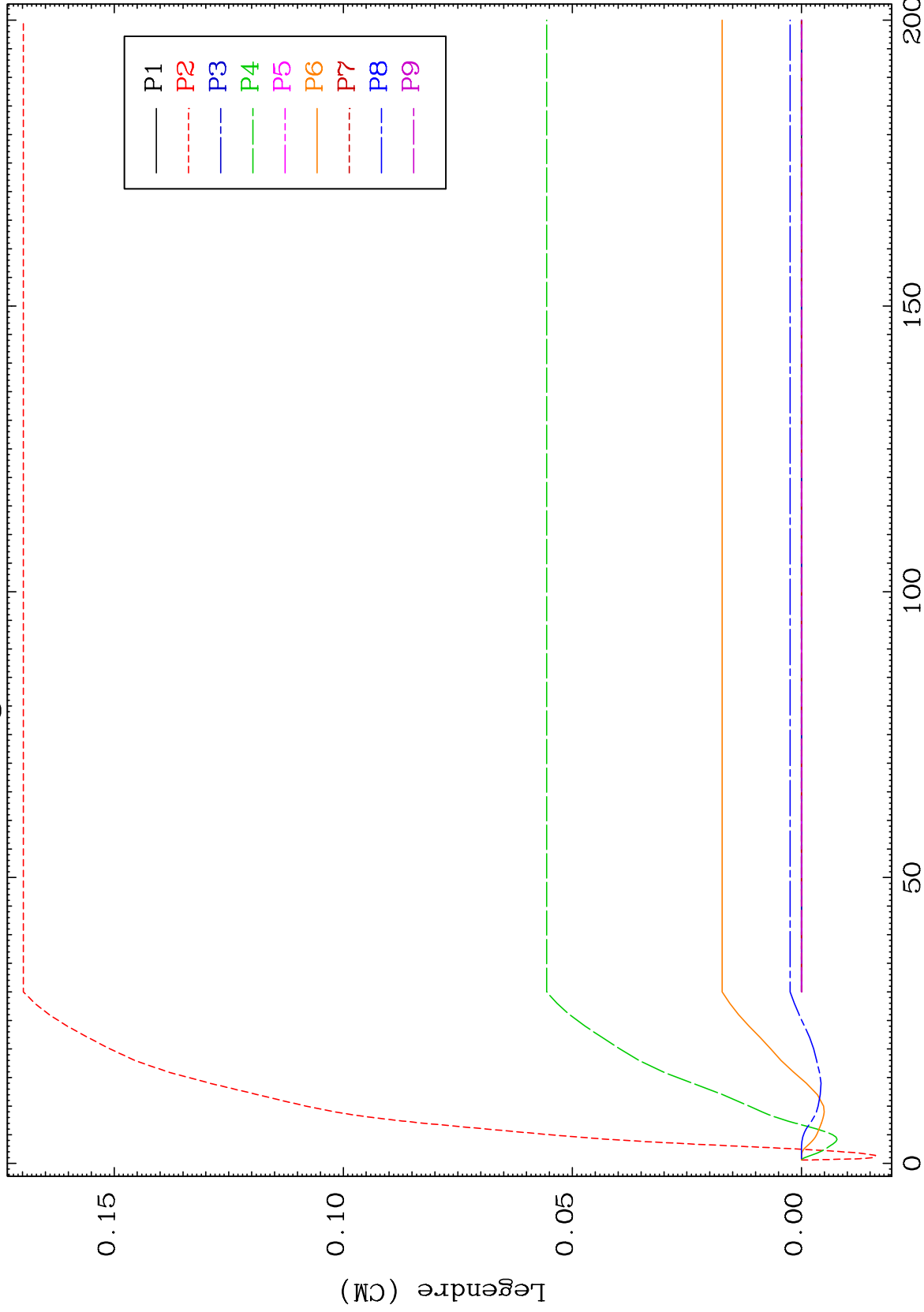
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



58

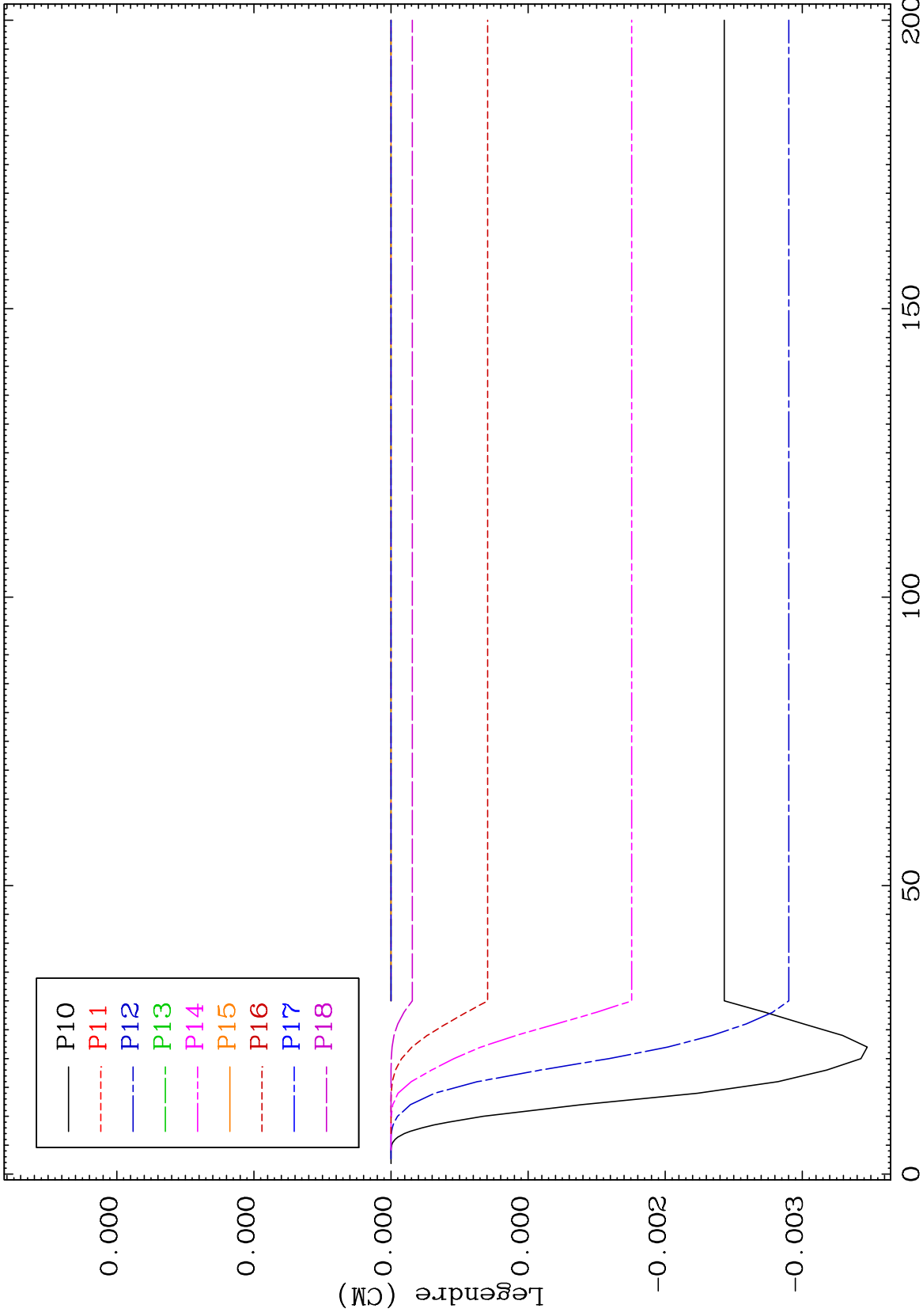
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



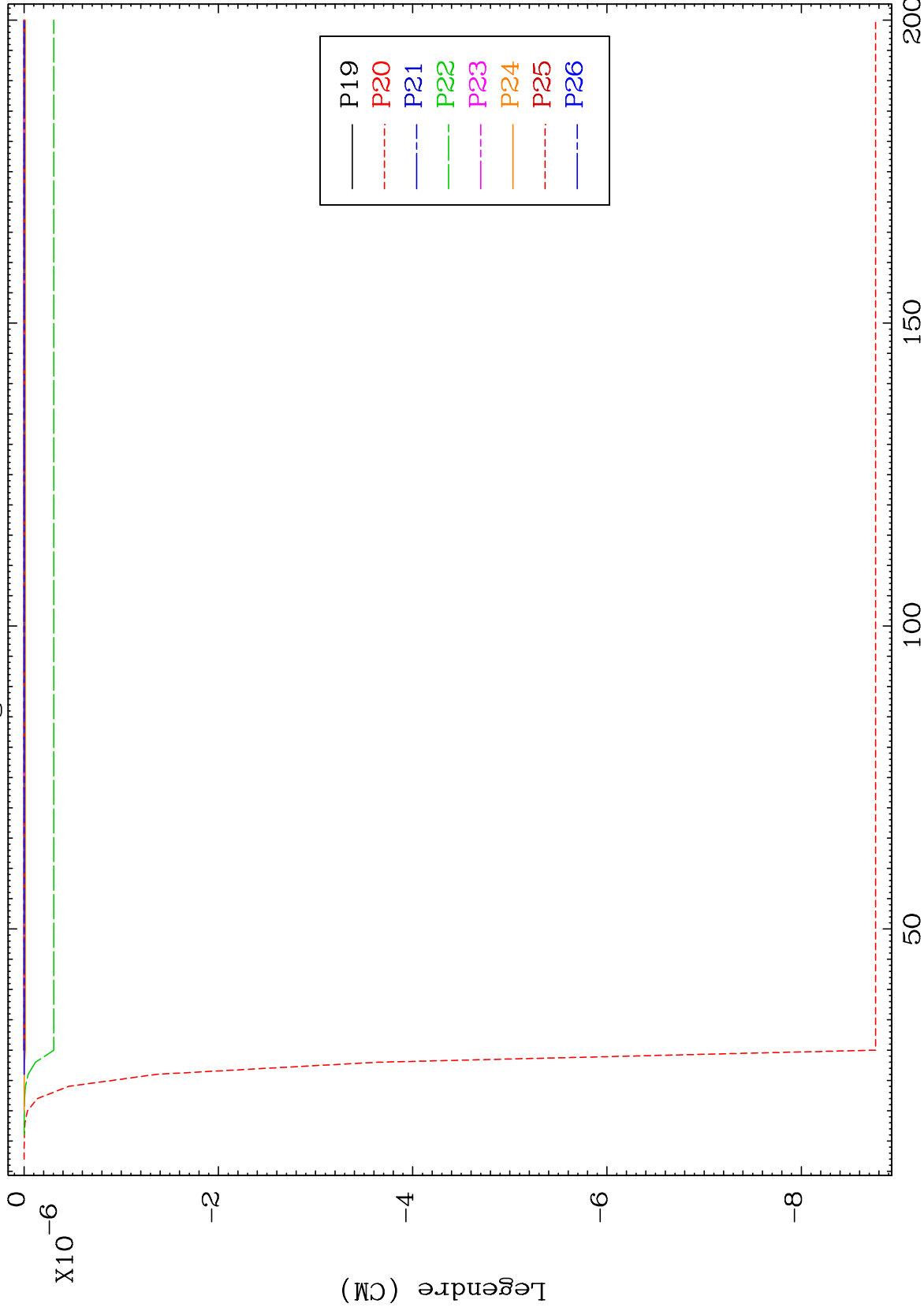
59

59-Pr-146

MAT 5940

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

59-Pr-146



60

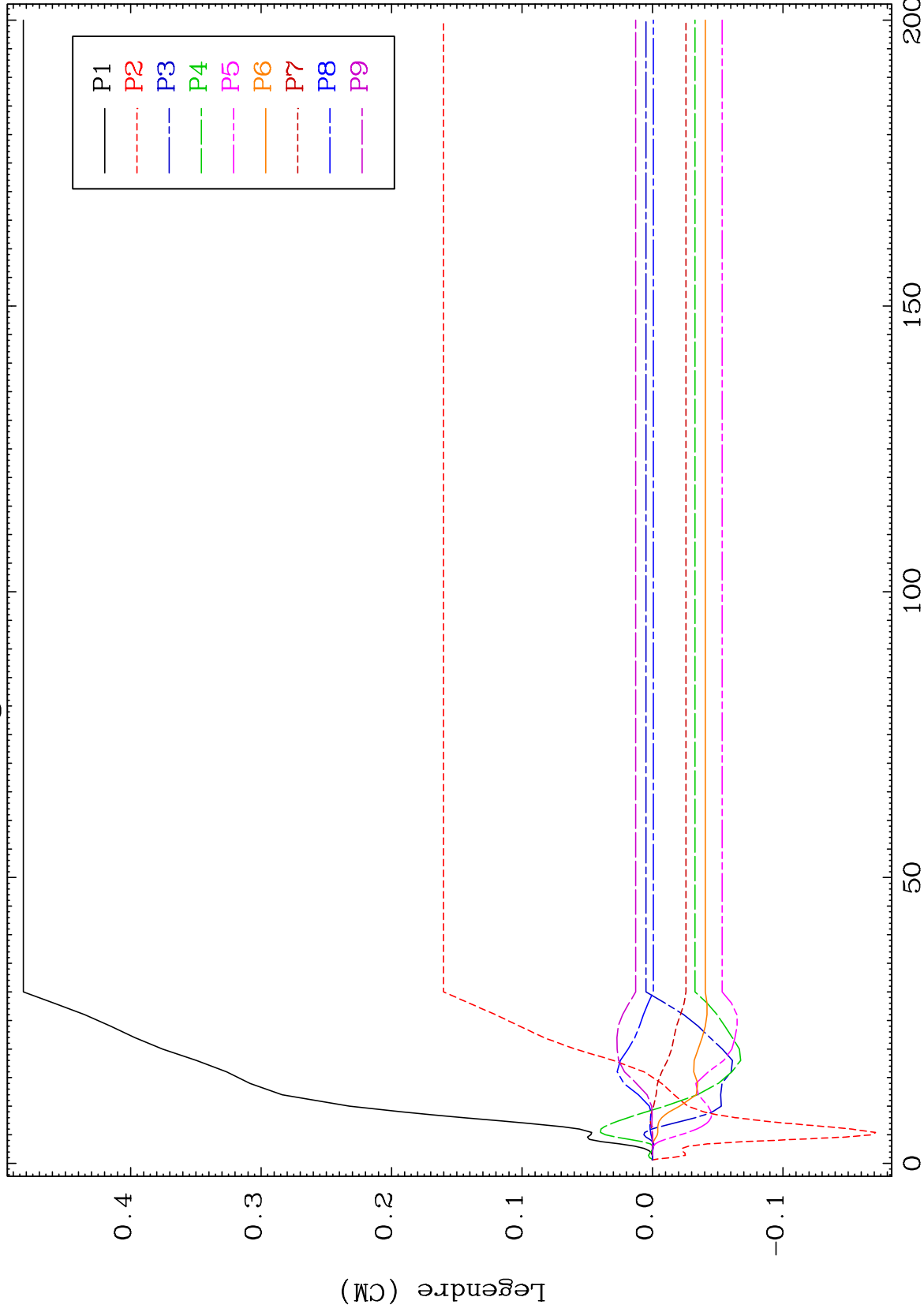
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



61

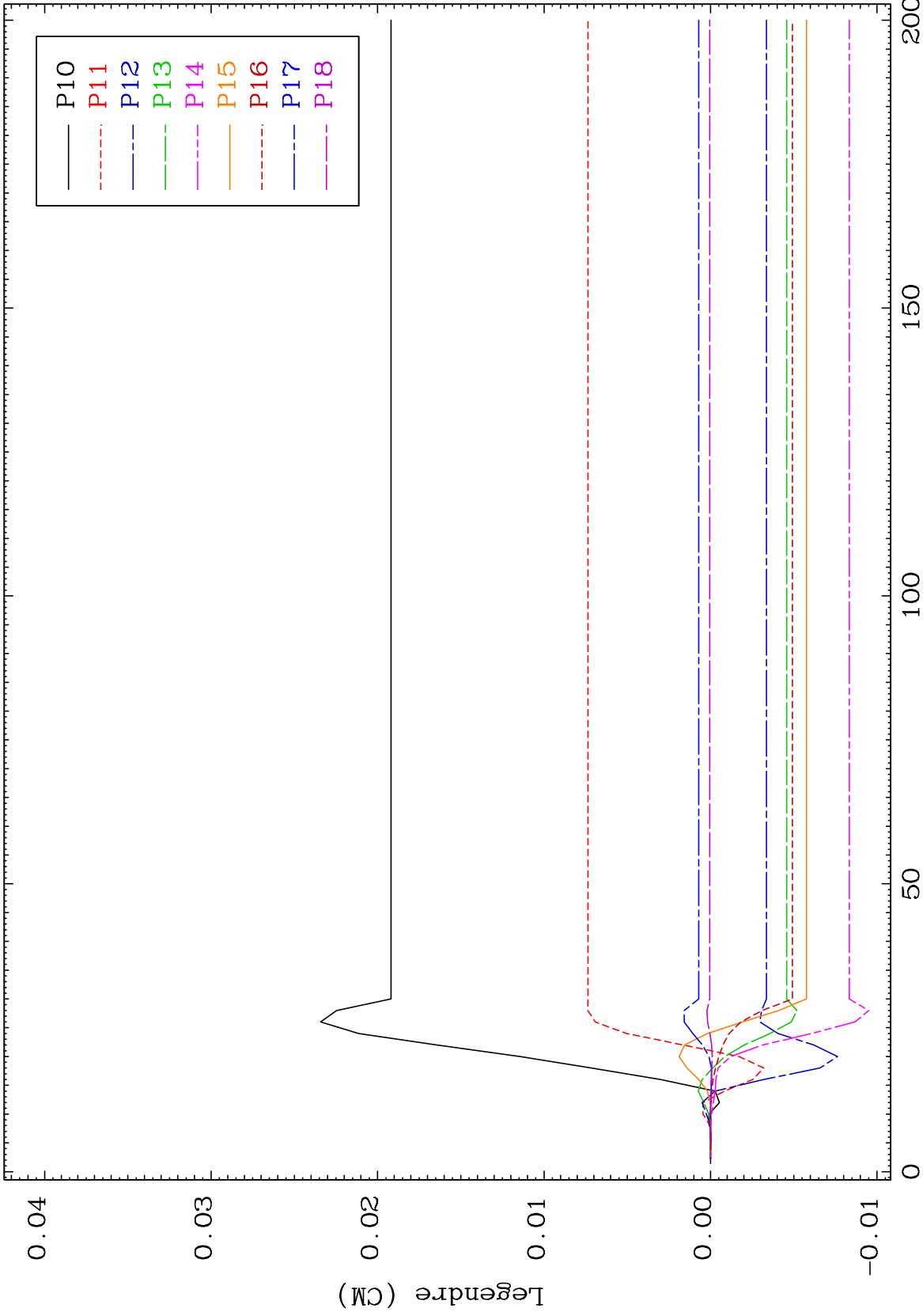
Incident Energy (MeV)

59-Pr-146

MAT 5940

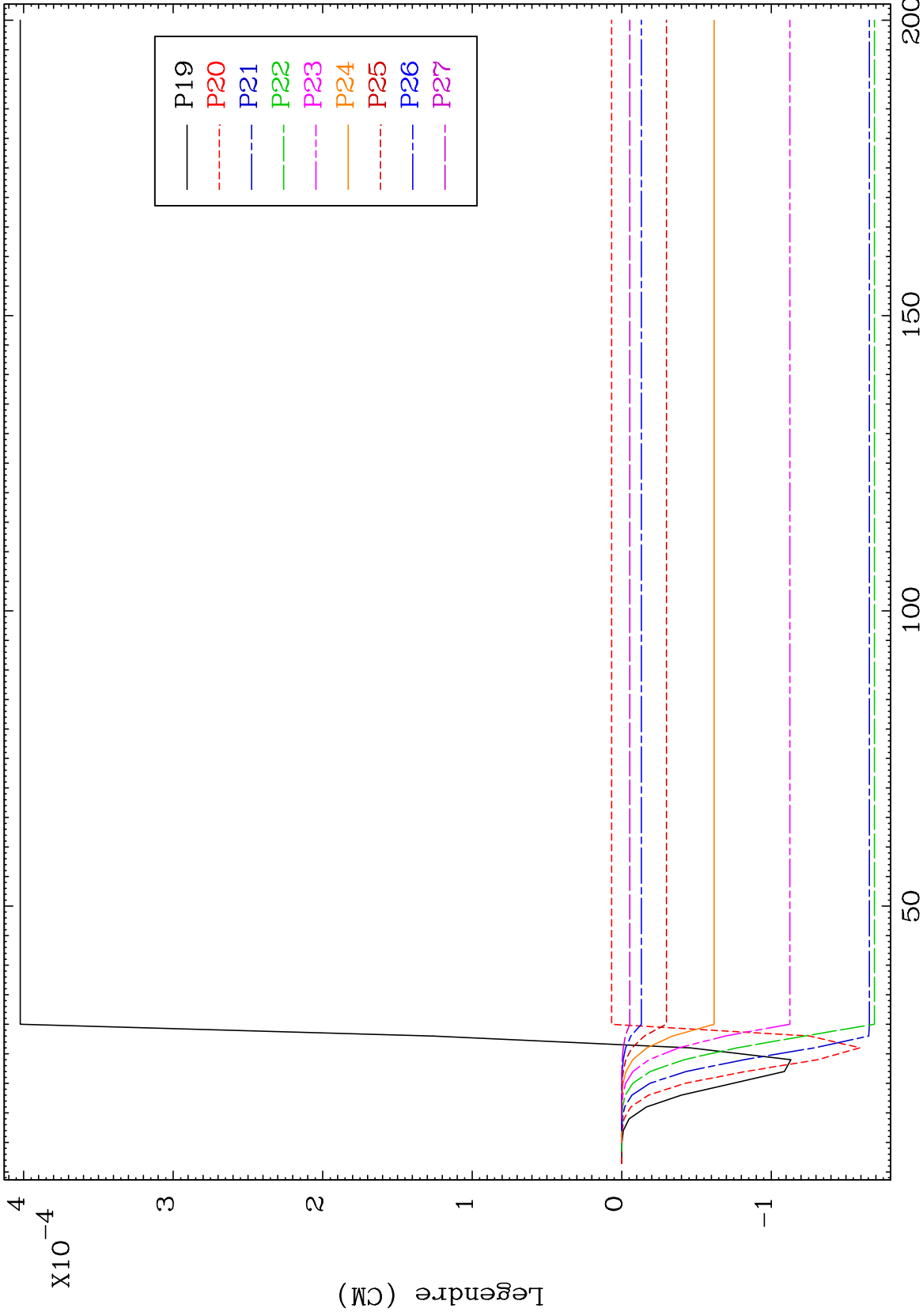
MT= 63 (n,n') Level
Legendre Coefficients

59-Pr-146



62

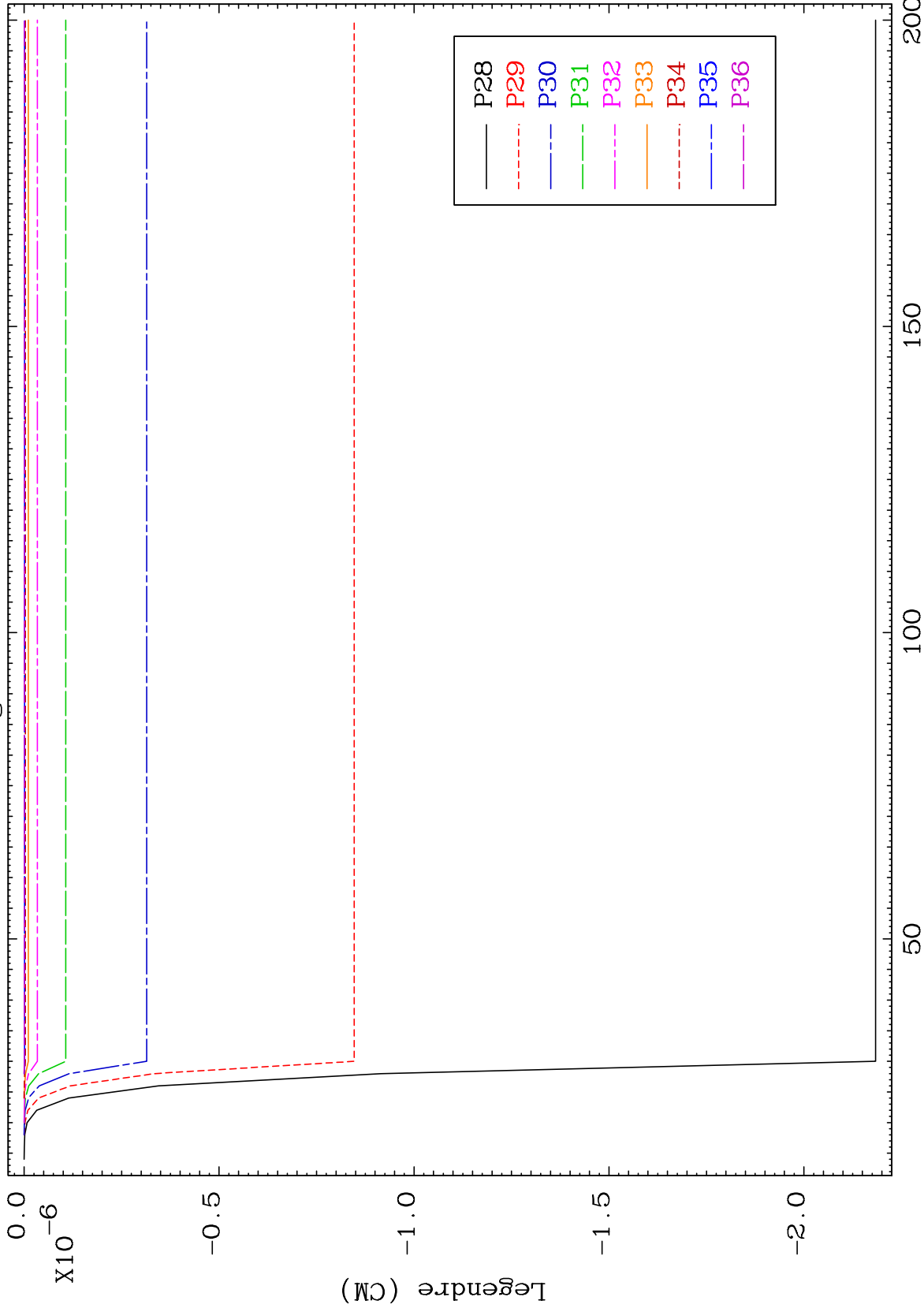
59-Pr-146



MAT 5940

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

59-Pr-146



64

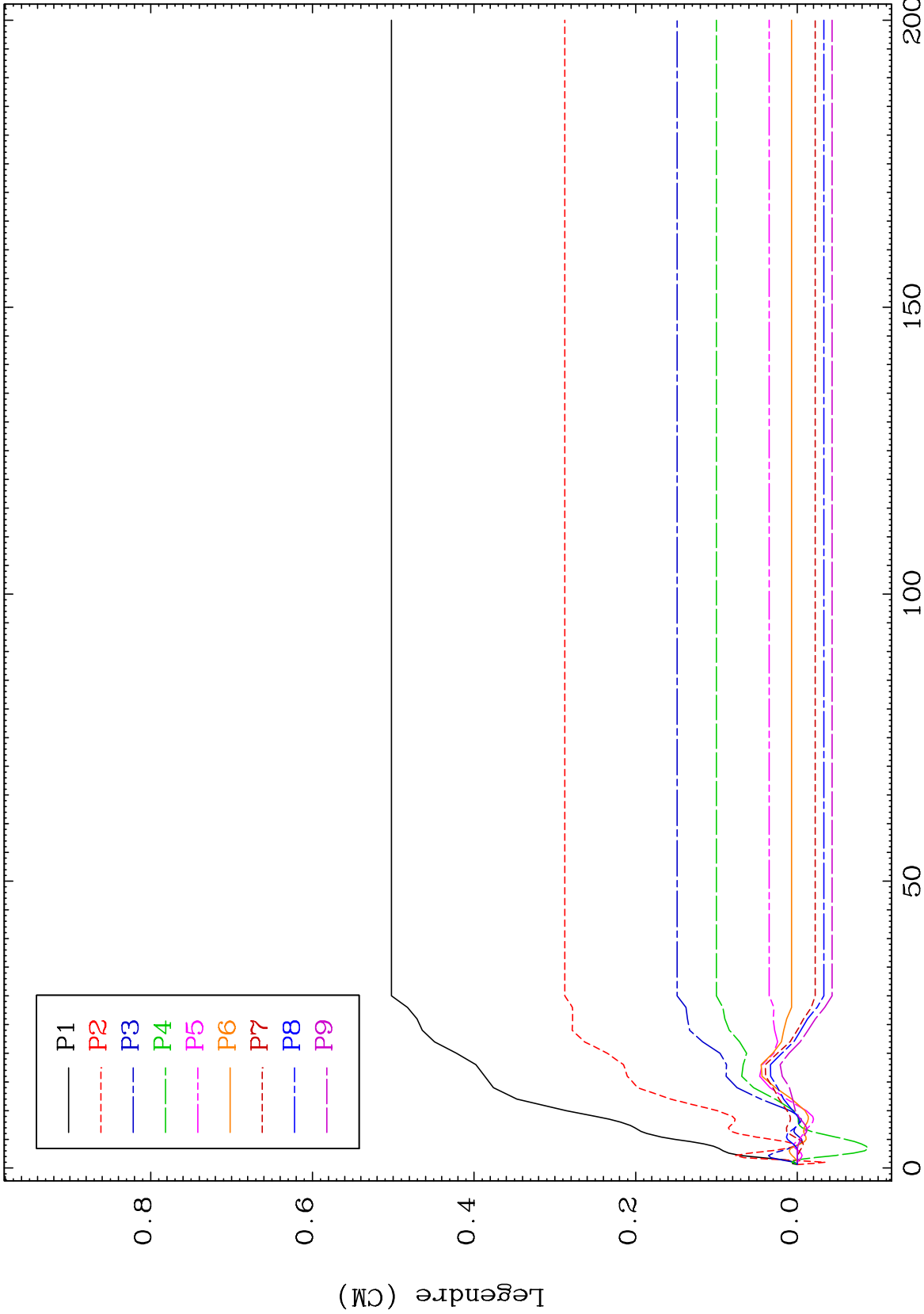
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



65

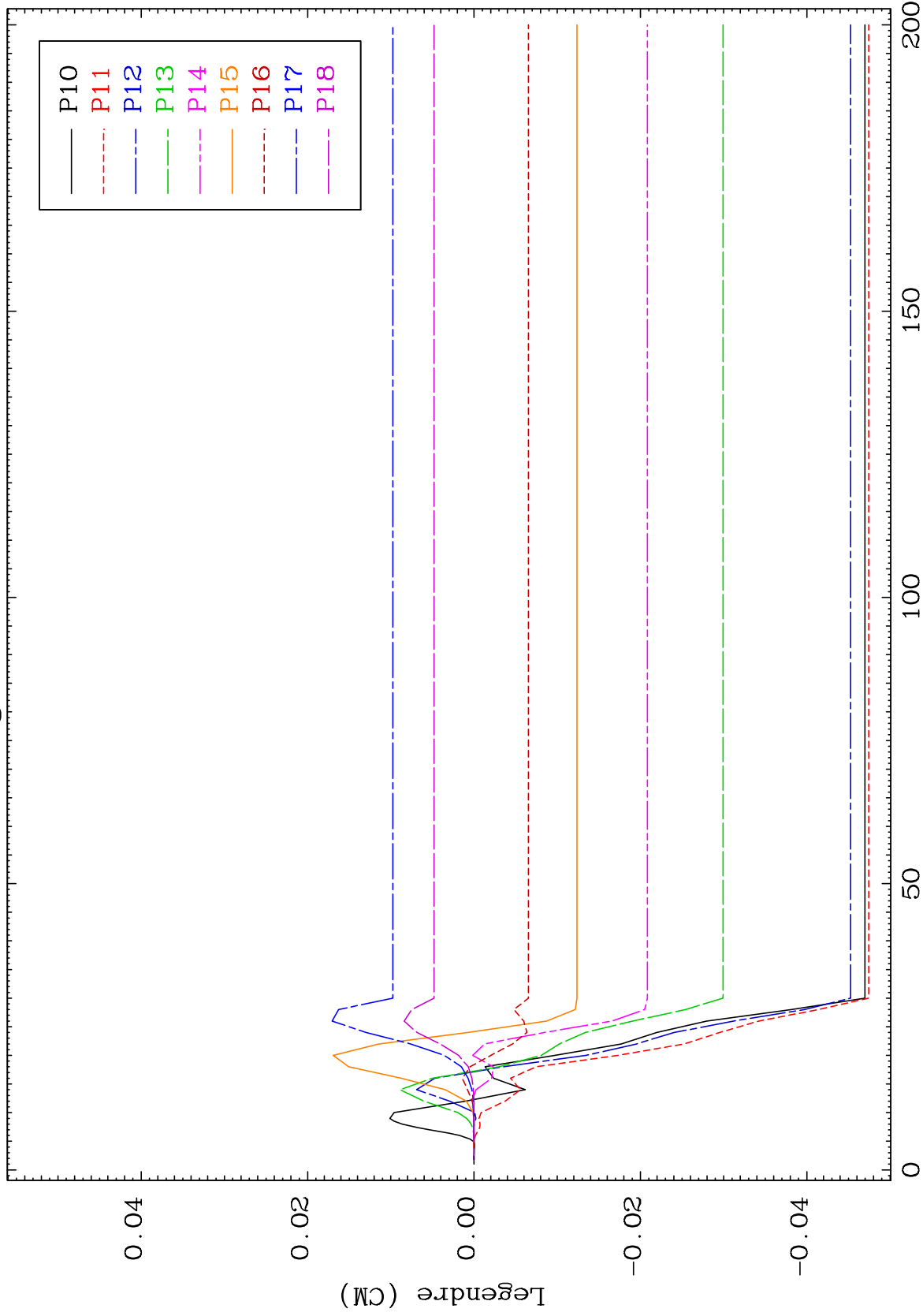
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



66

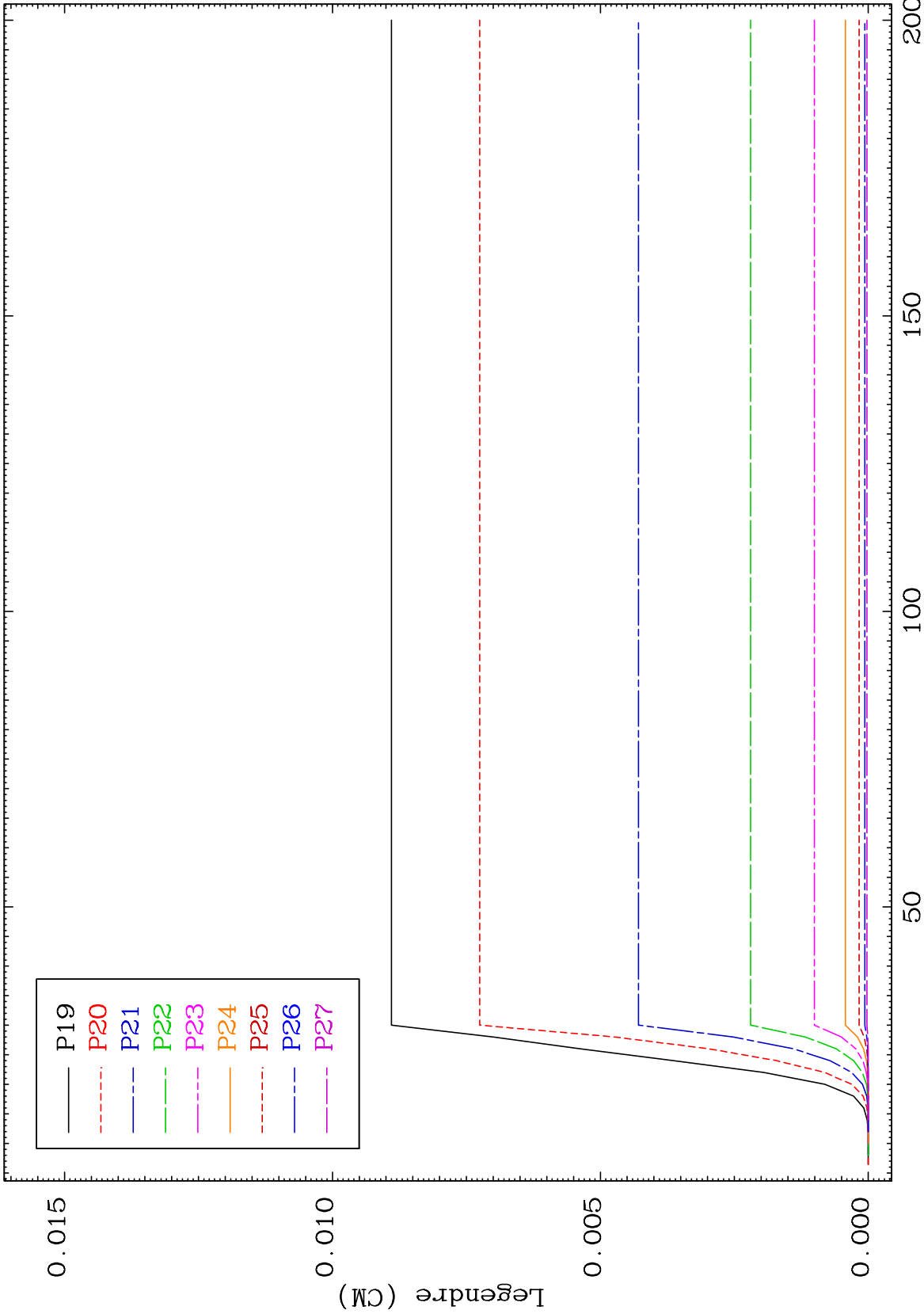
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

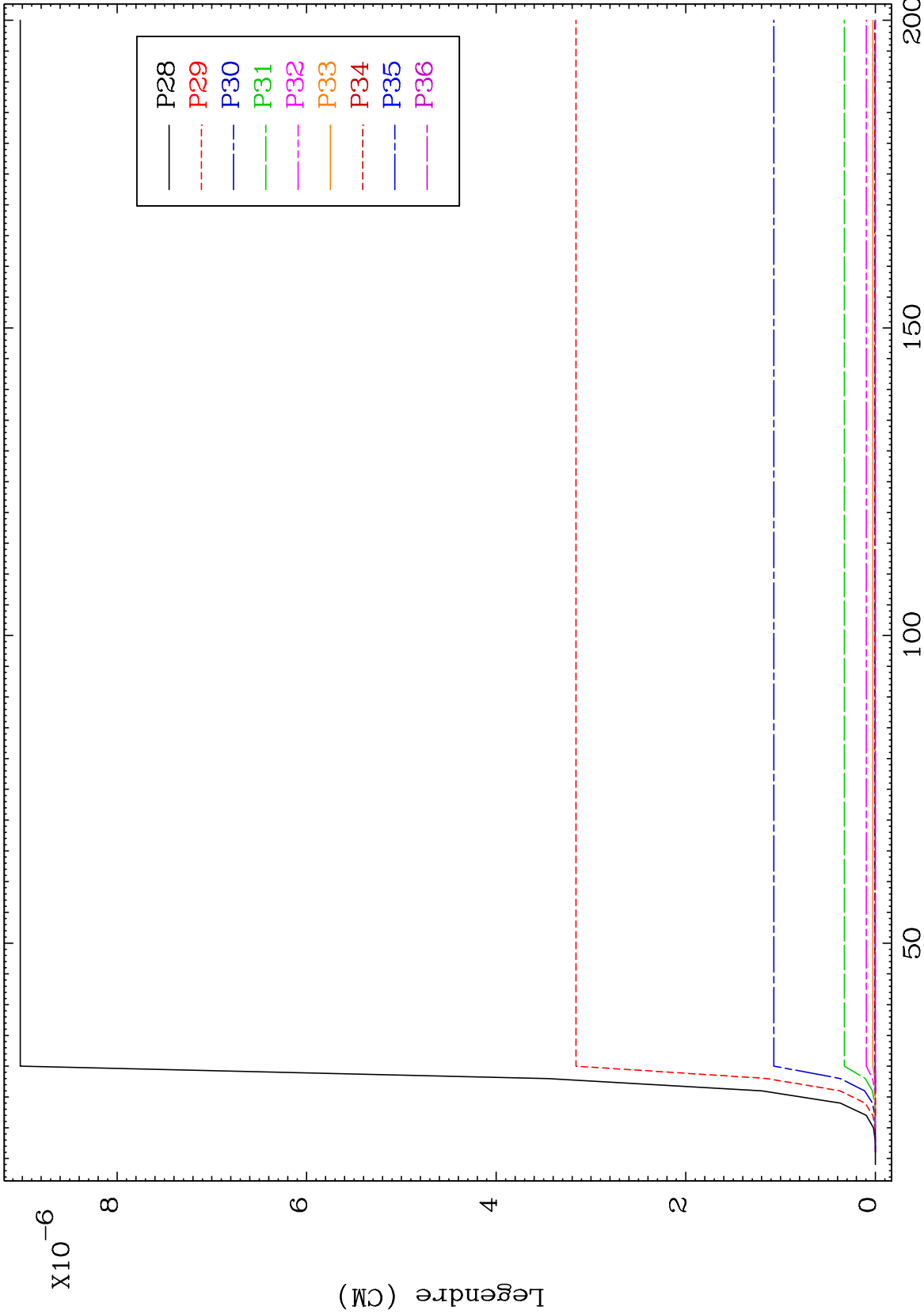
59-Pr-146



67

Incident Energy (MeV)

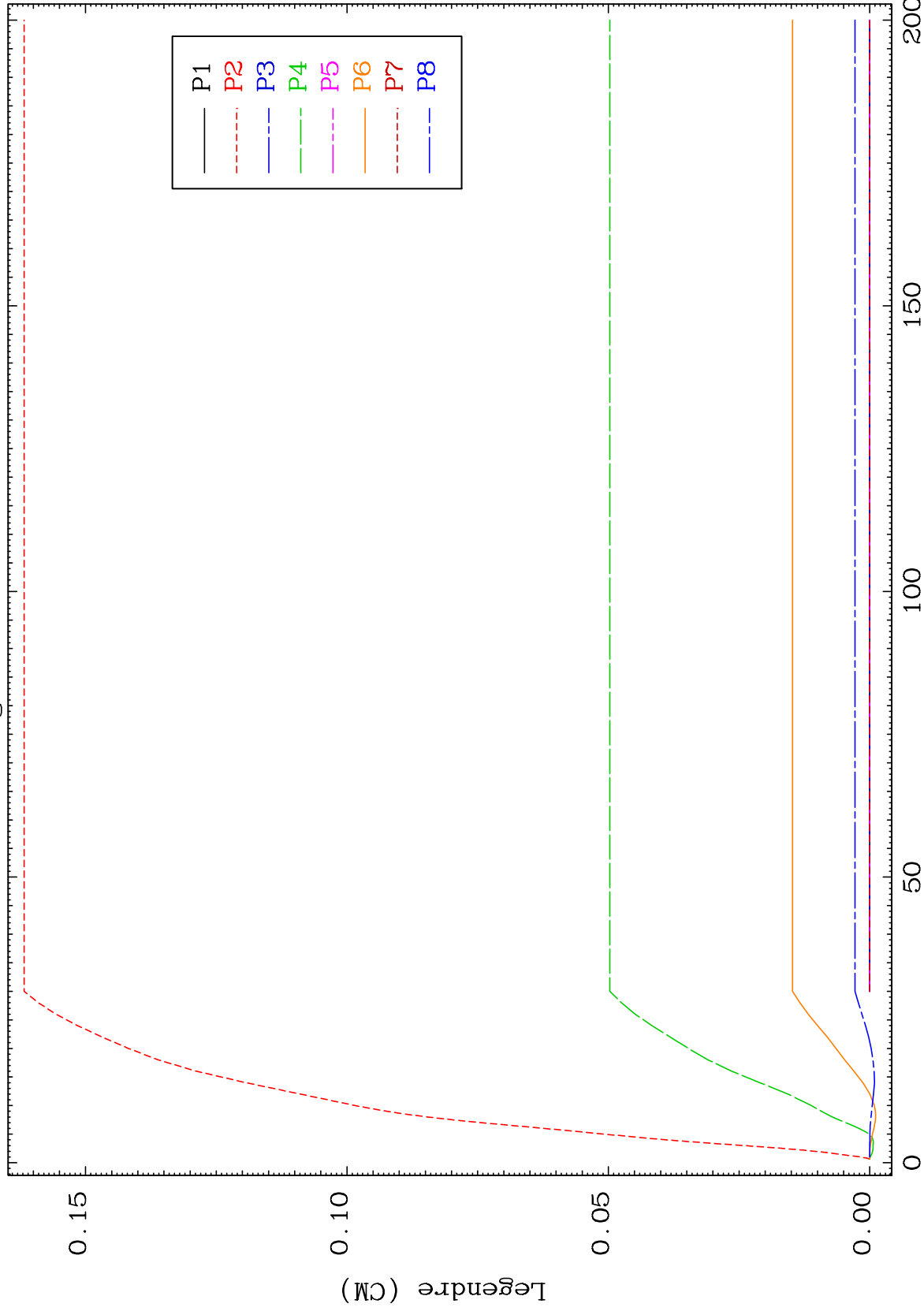
59-Pr-146



MAT 5940

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

59-Pr-146



69

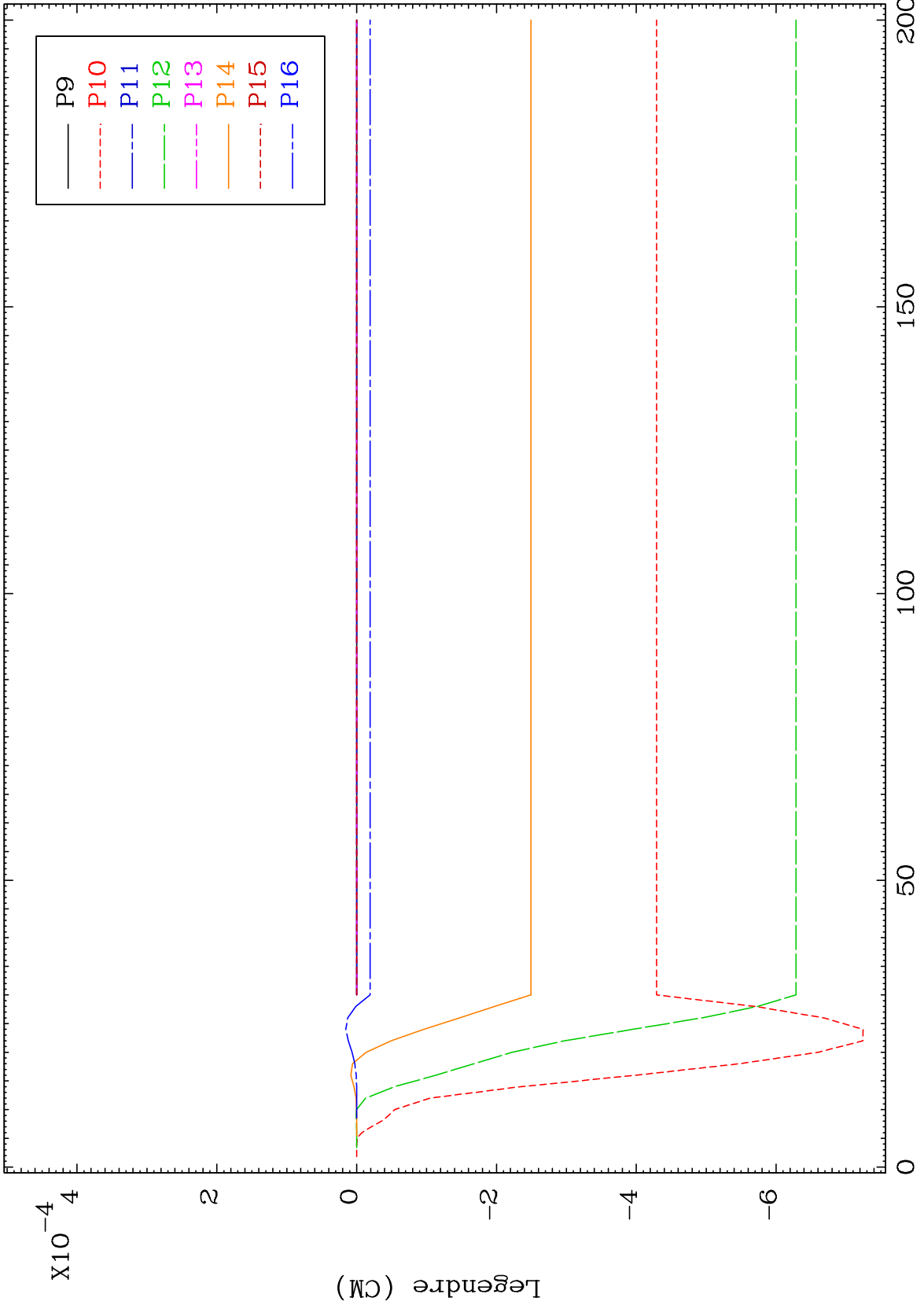
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



70

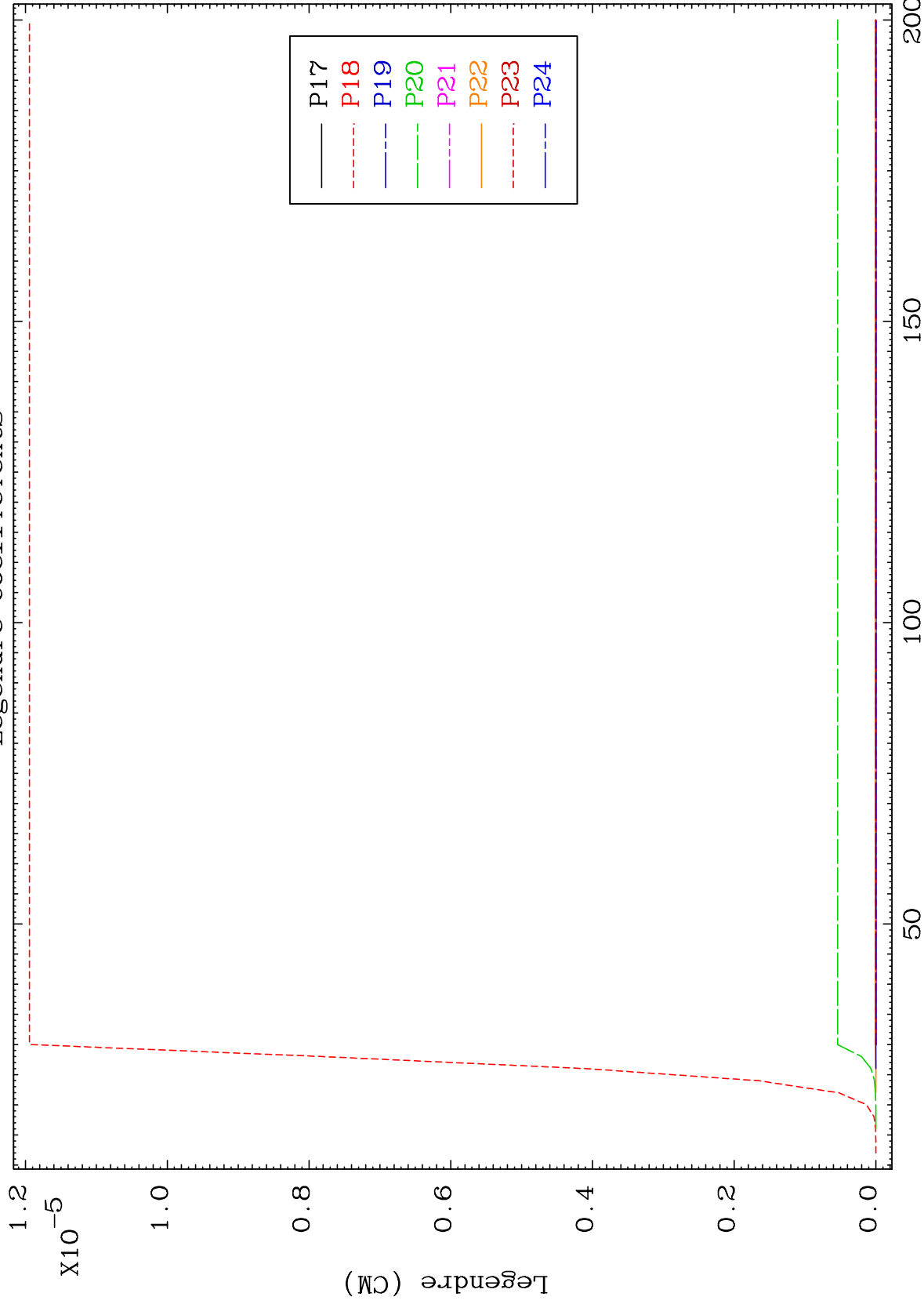
Incident Energy (MeV)

59-Pr-146

MAT 5940

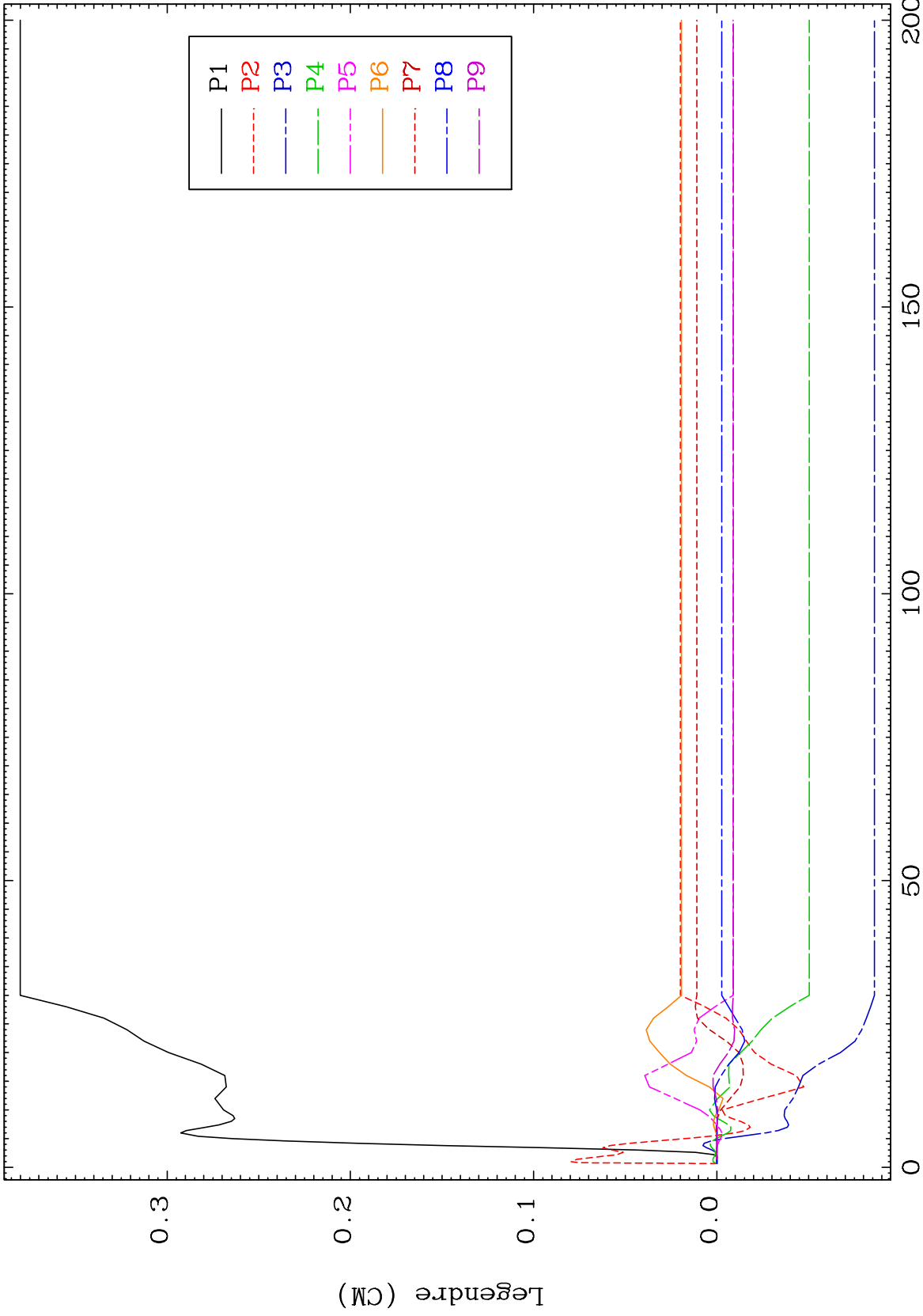
MT= 65 (n,n') Level
Legendre Coefficients

59-Pr-146



71

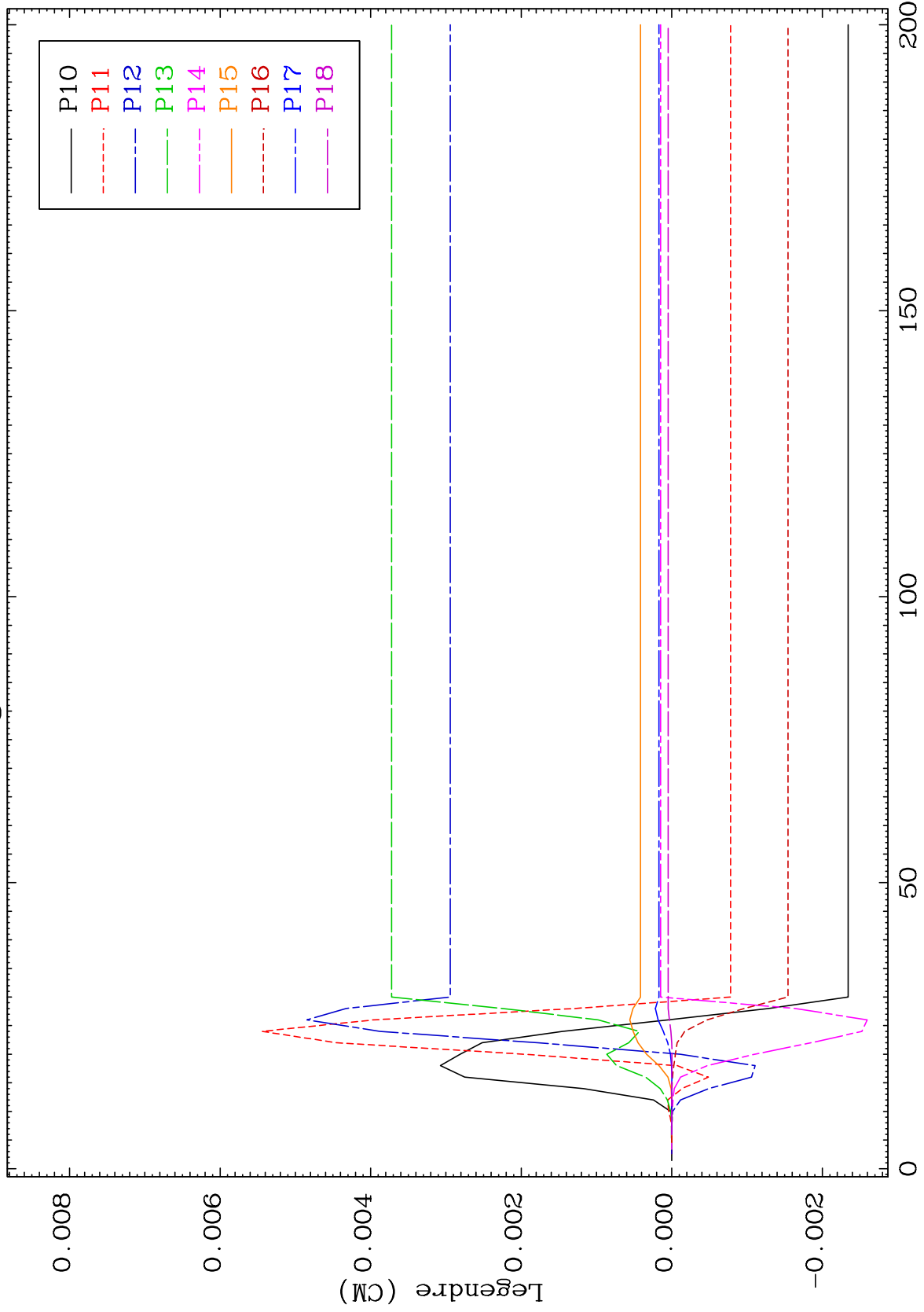
59-Pr-146



MAT 5940

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

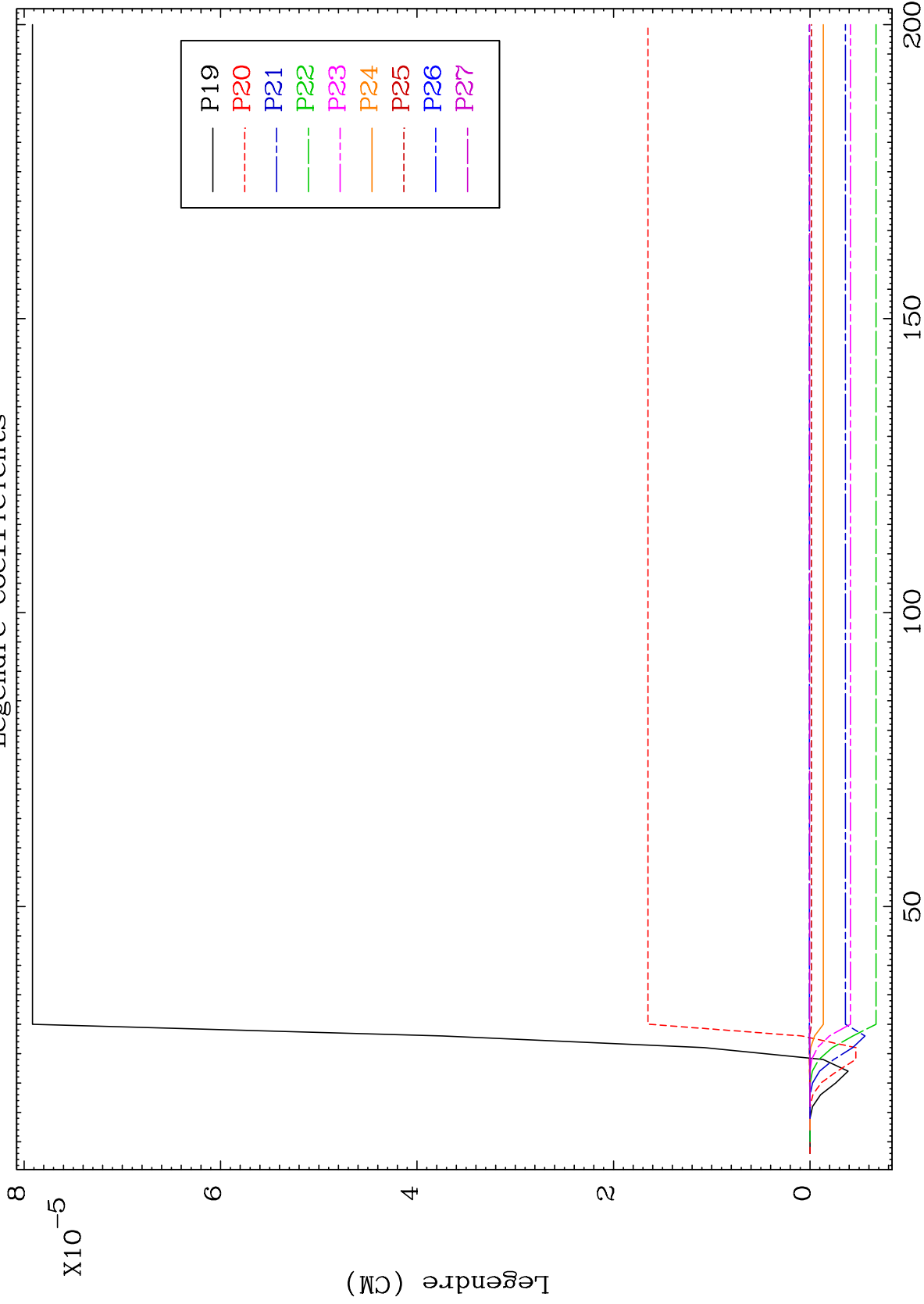
59-Pr-146



73

Incident Energy (MeV)

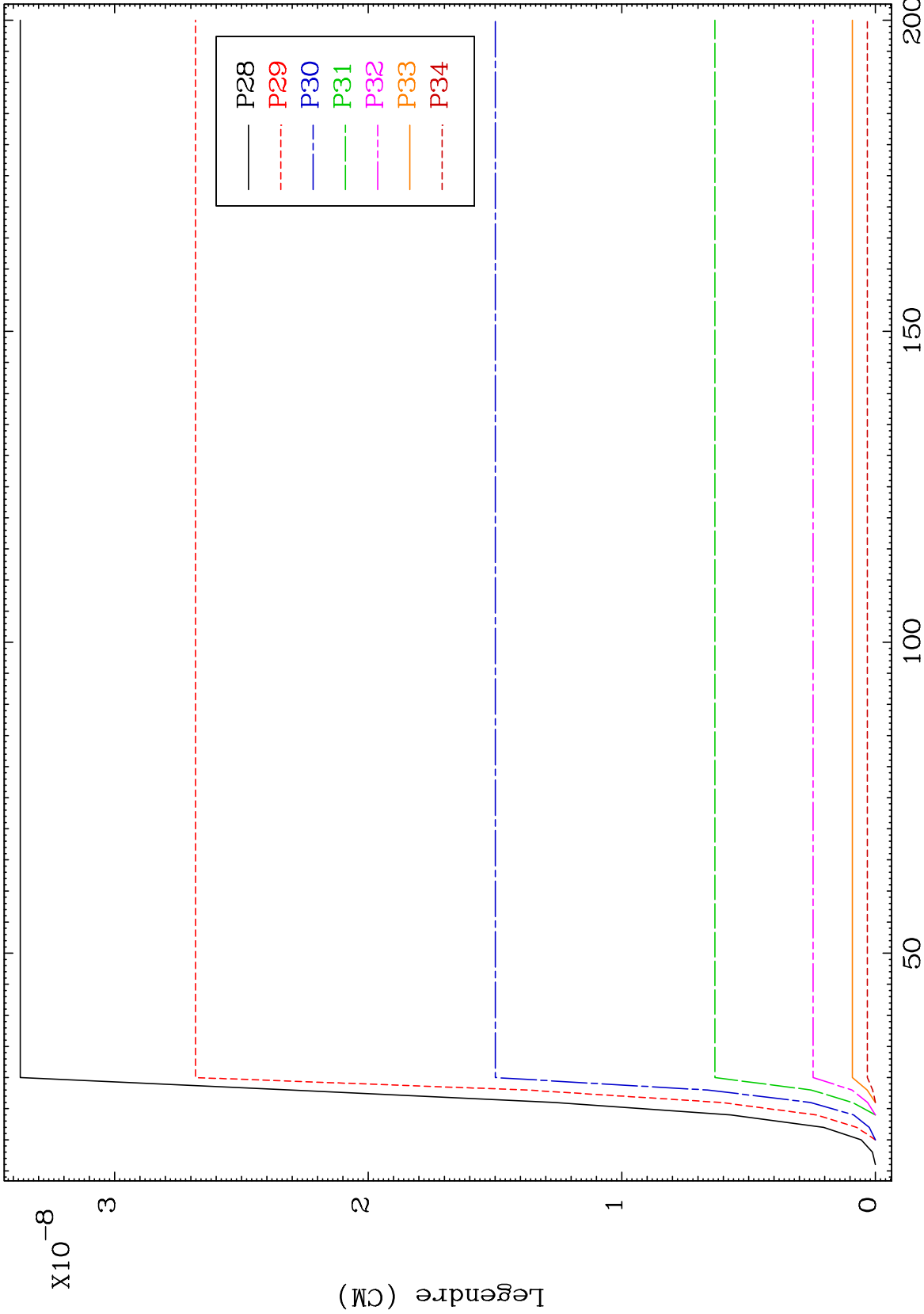
59-Pr-146



MAT 5940

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

59-Pr-146



75

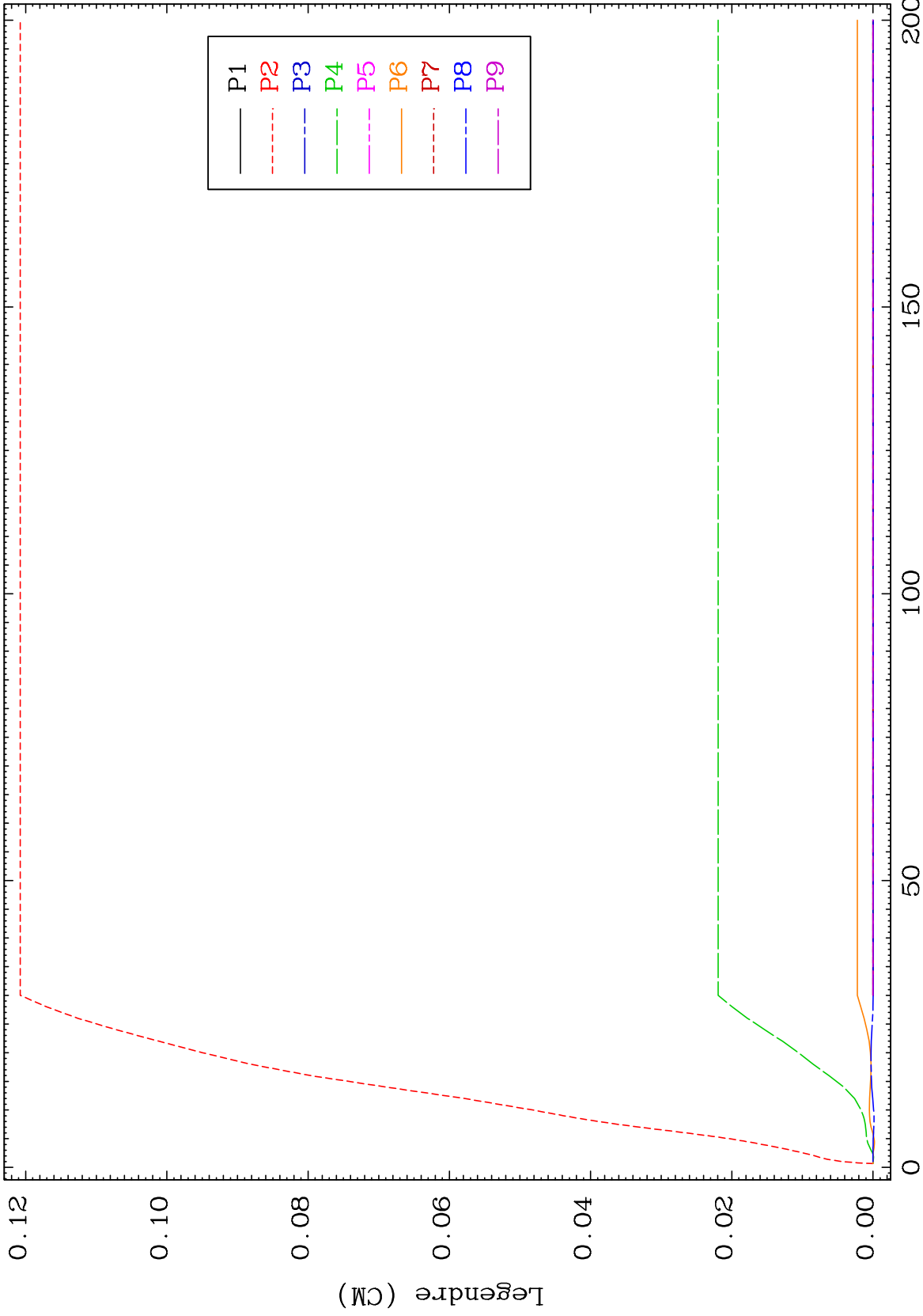
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

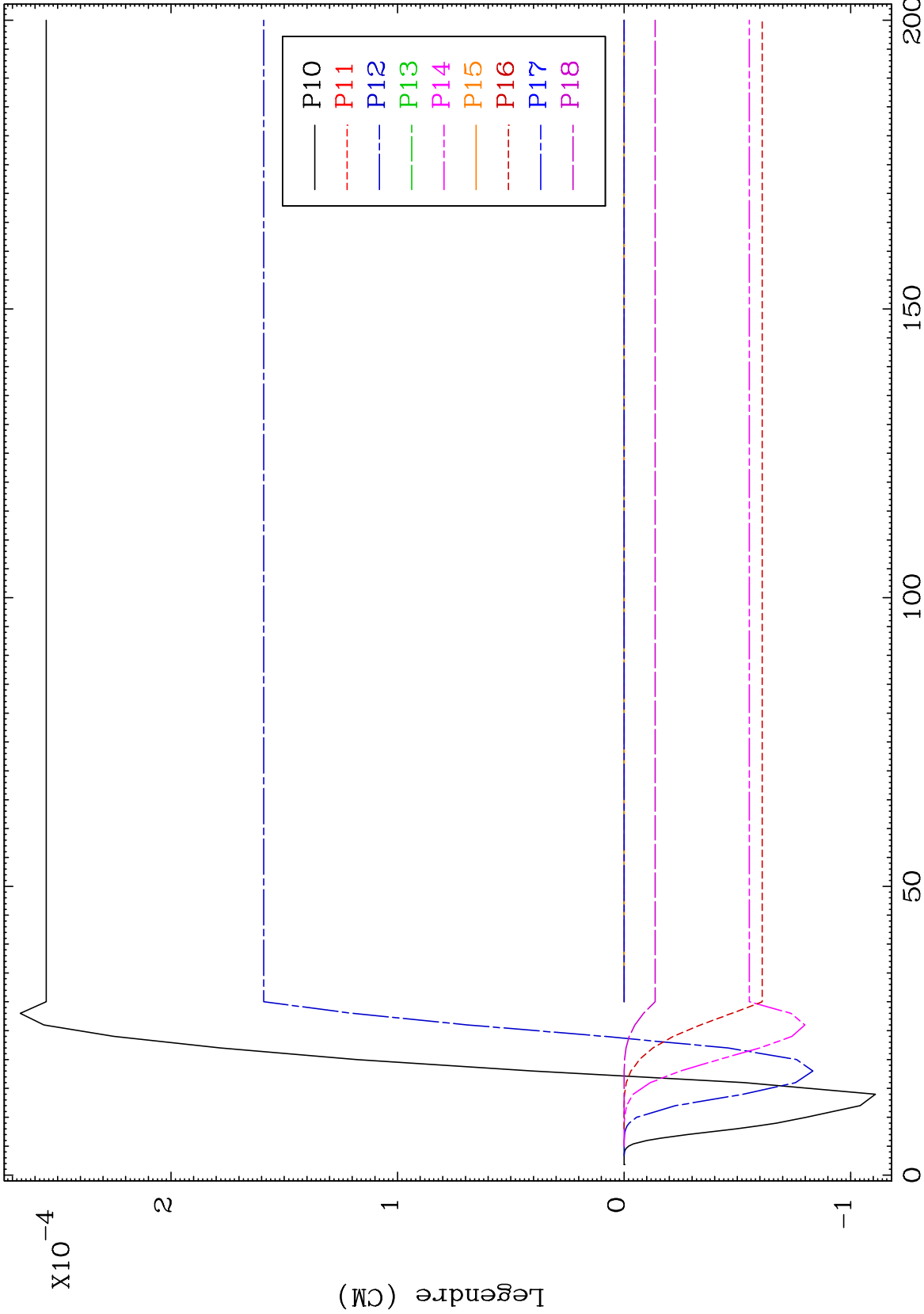
59-Pr-146



76

Incident Energy (MeV)

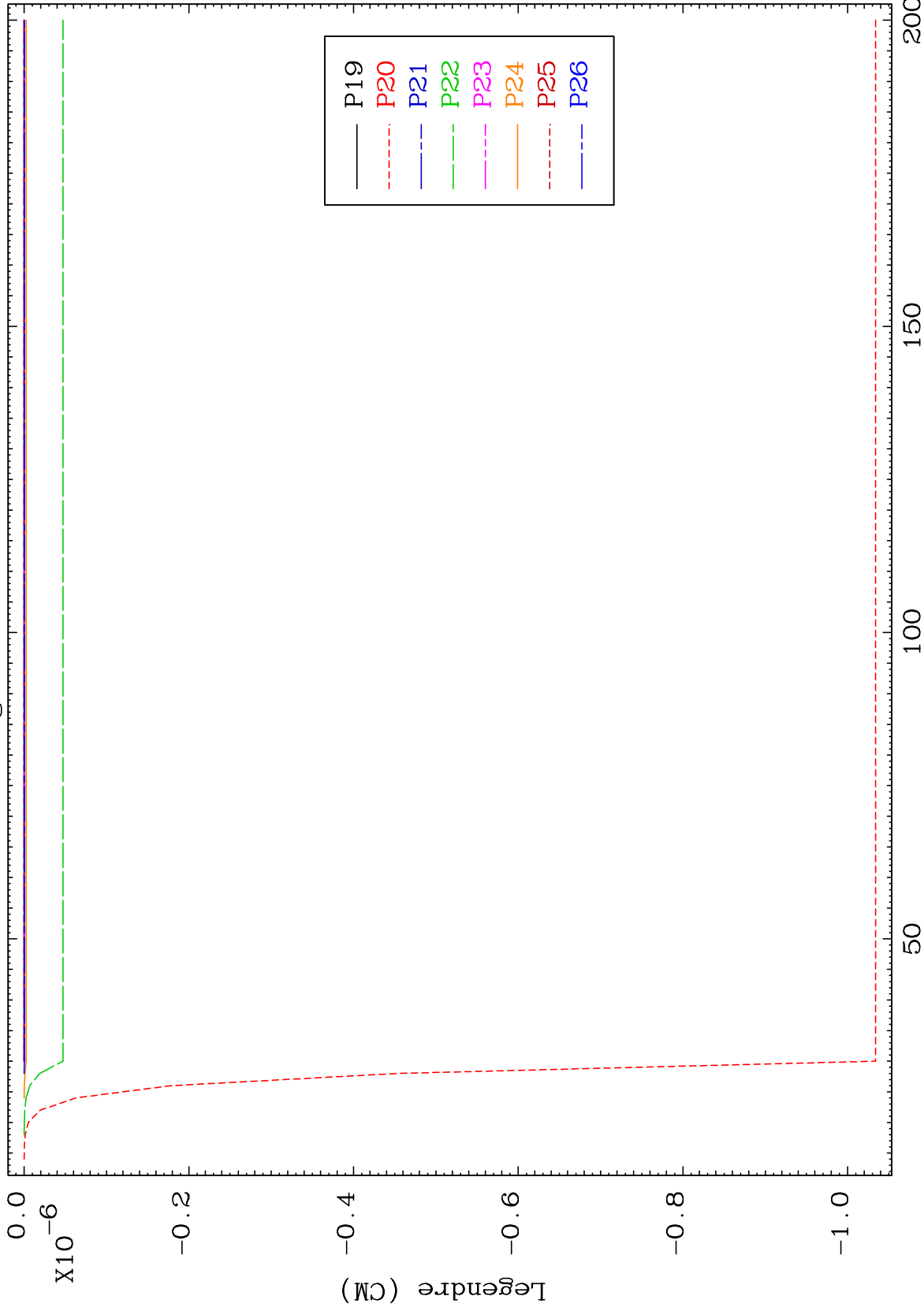
59-Pr-146



MAT 5940

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

59-Pr-146



78

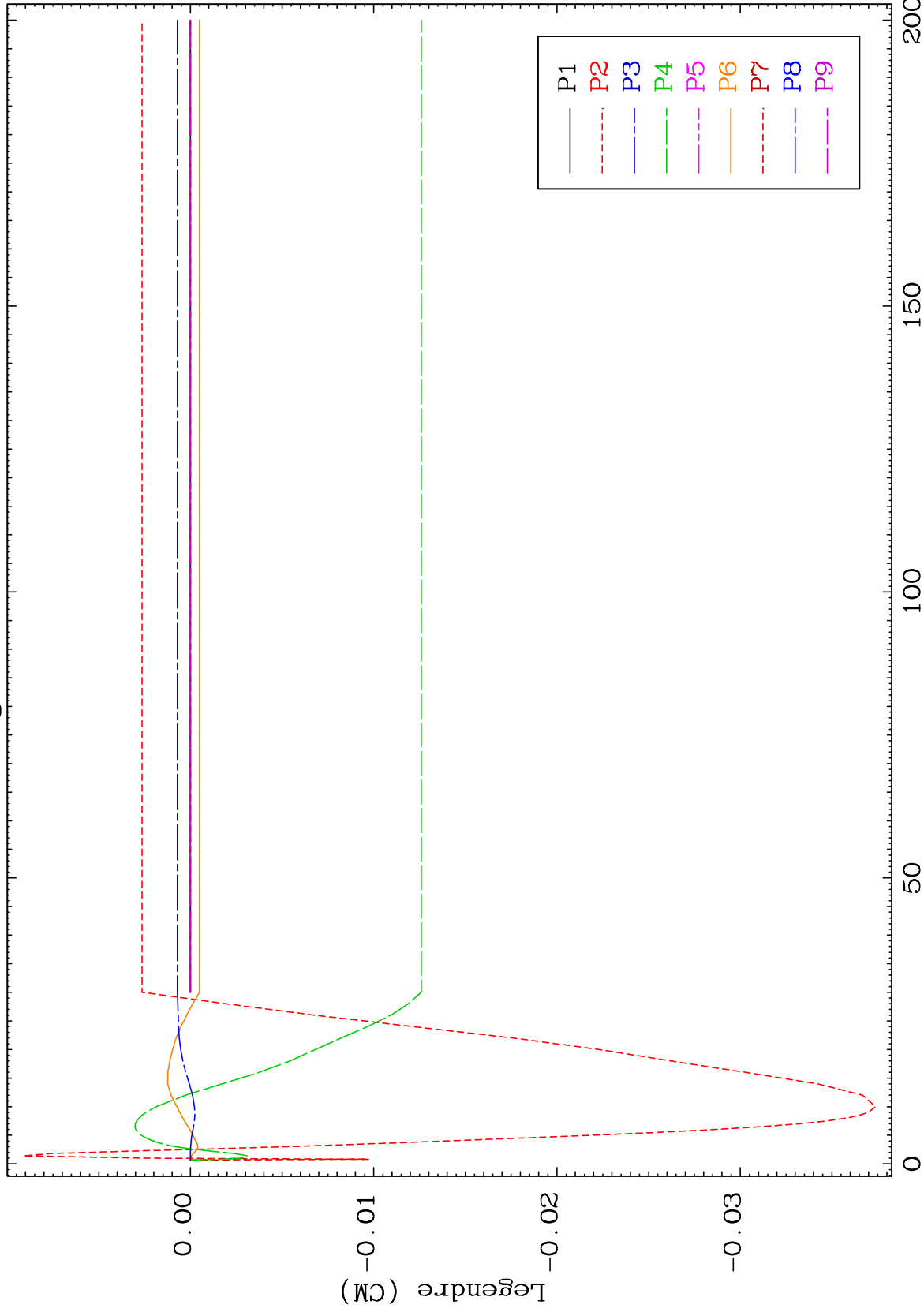
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



79

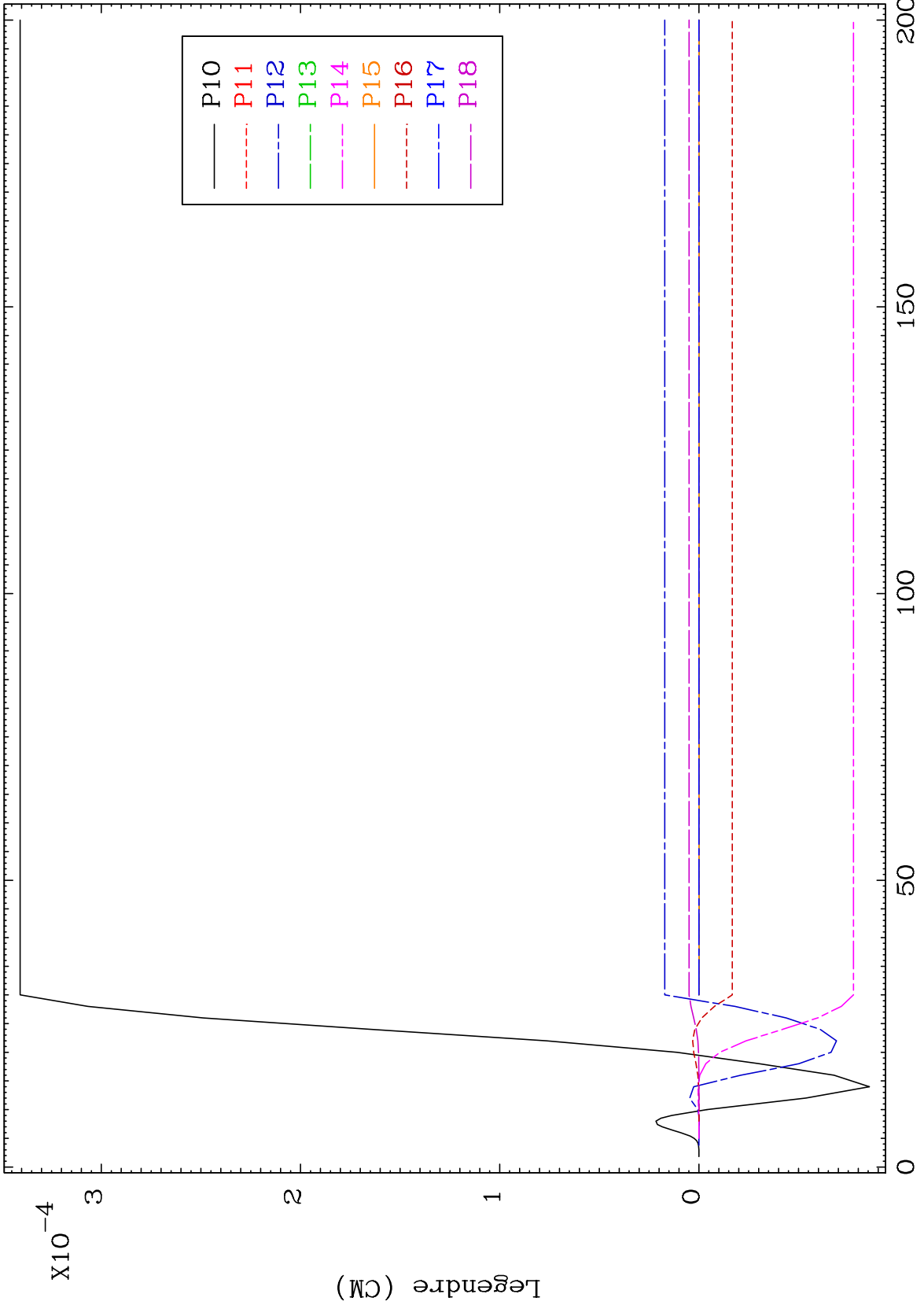
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



80

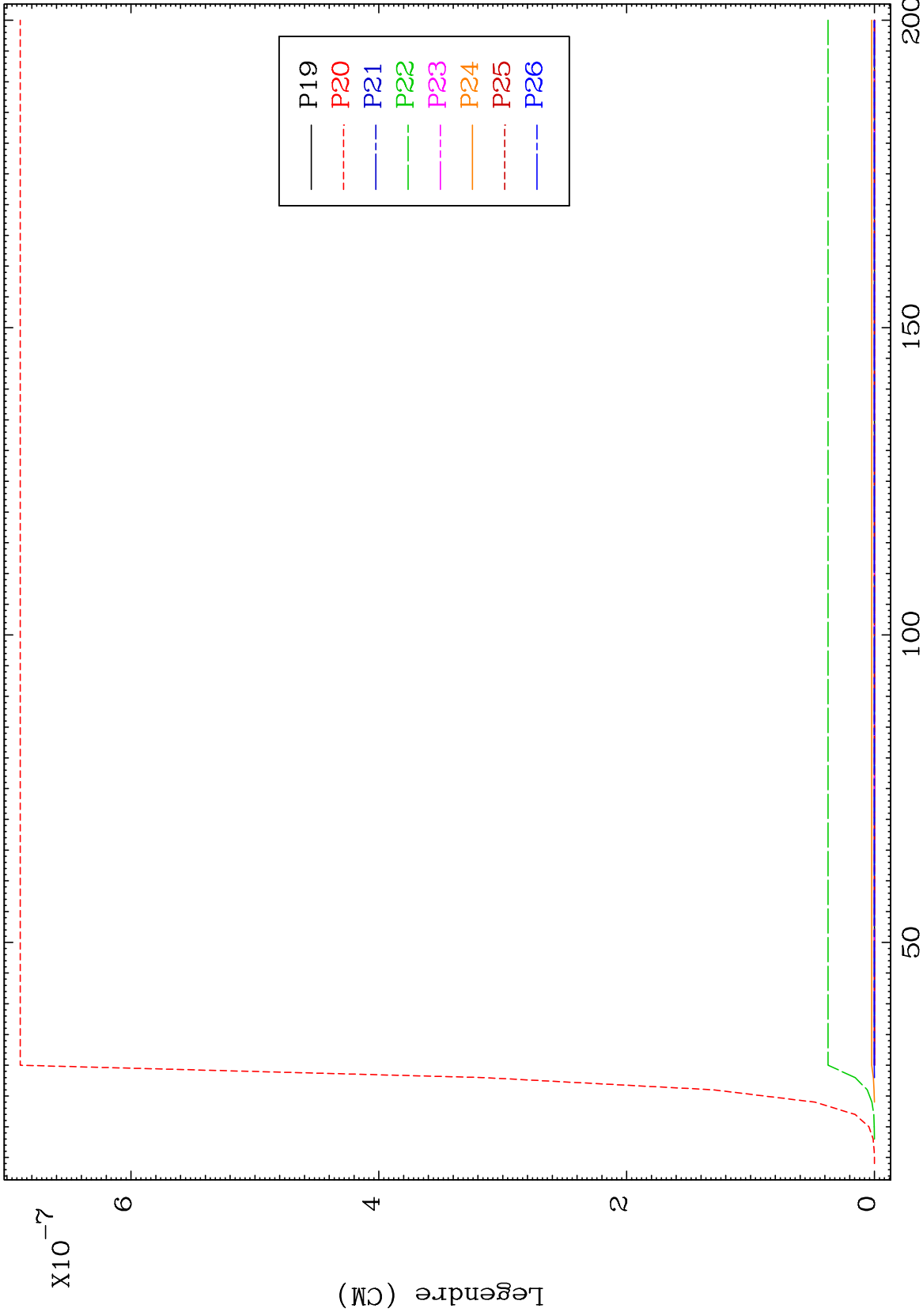
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



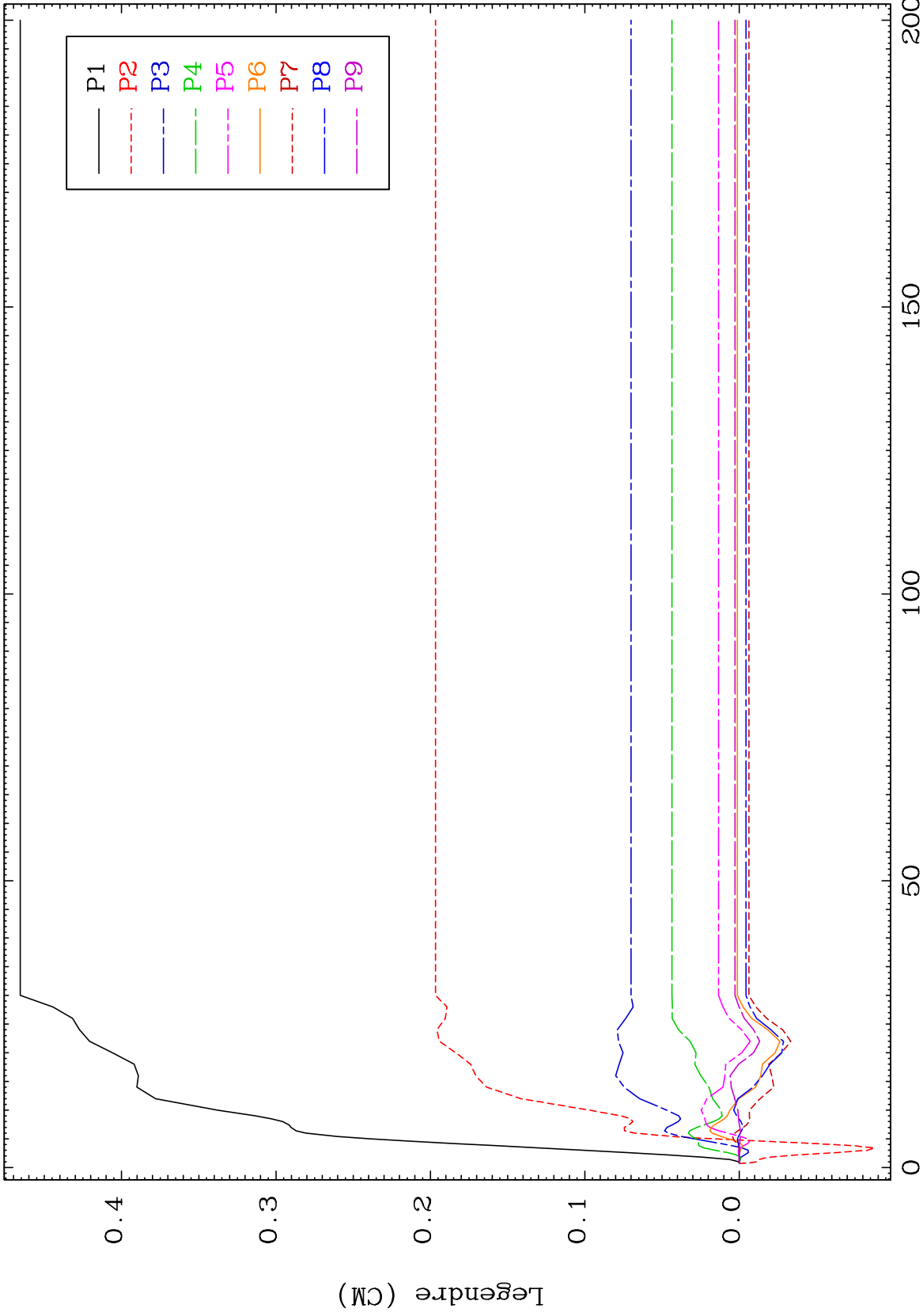
81

59-Pr-146

MAT 5940

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

59-Pr-146



82

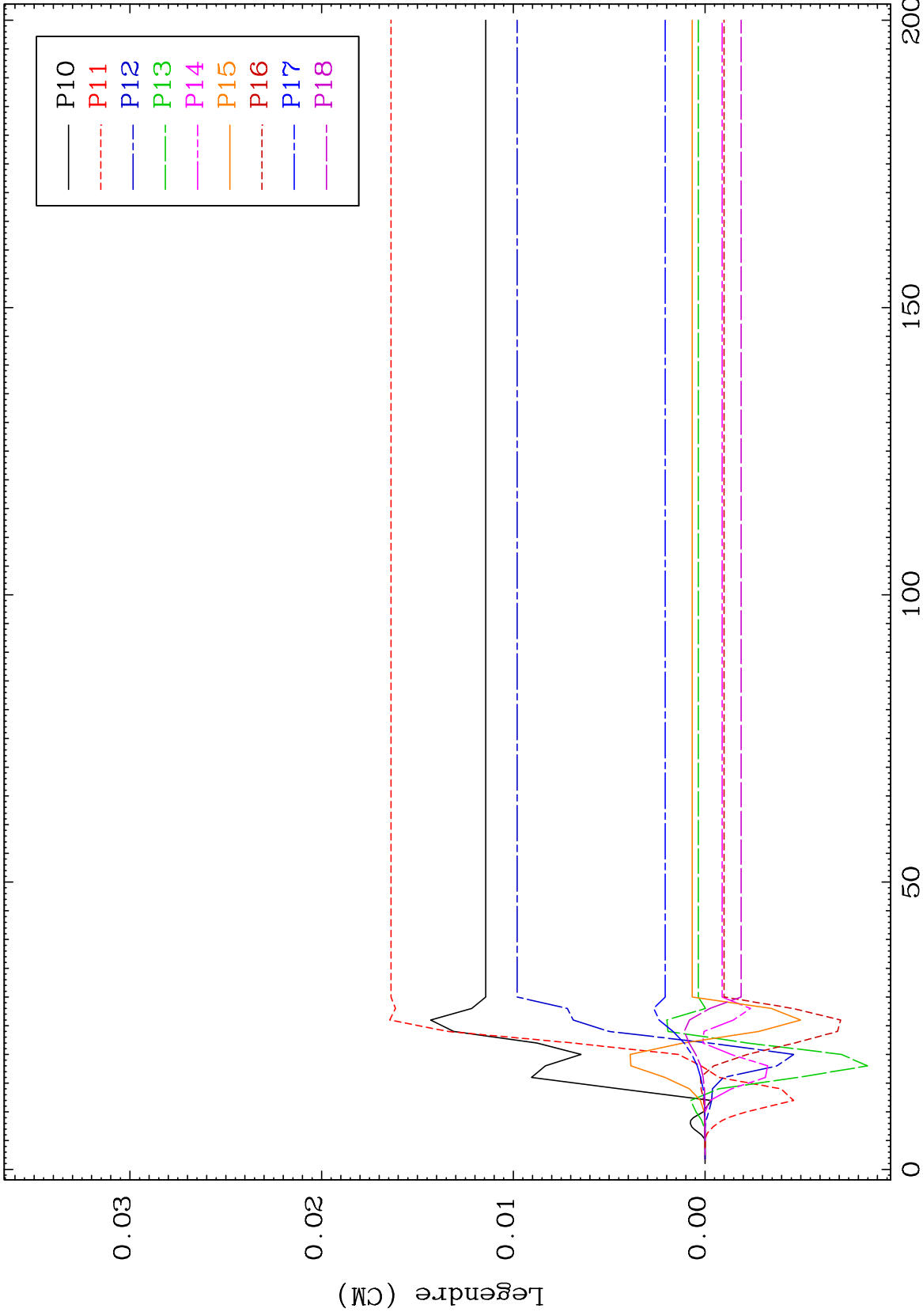
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

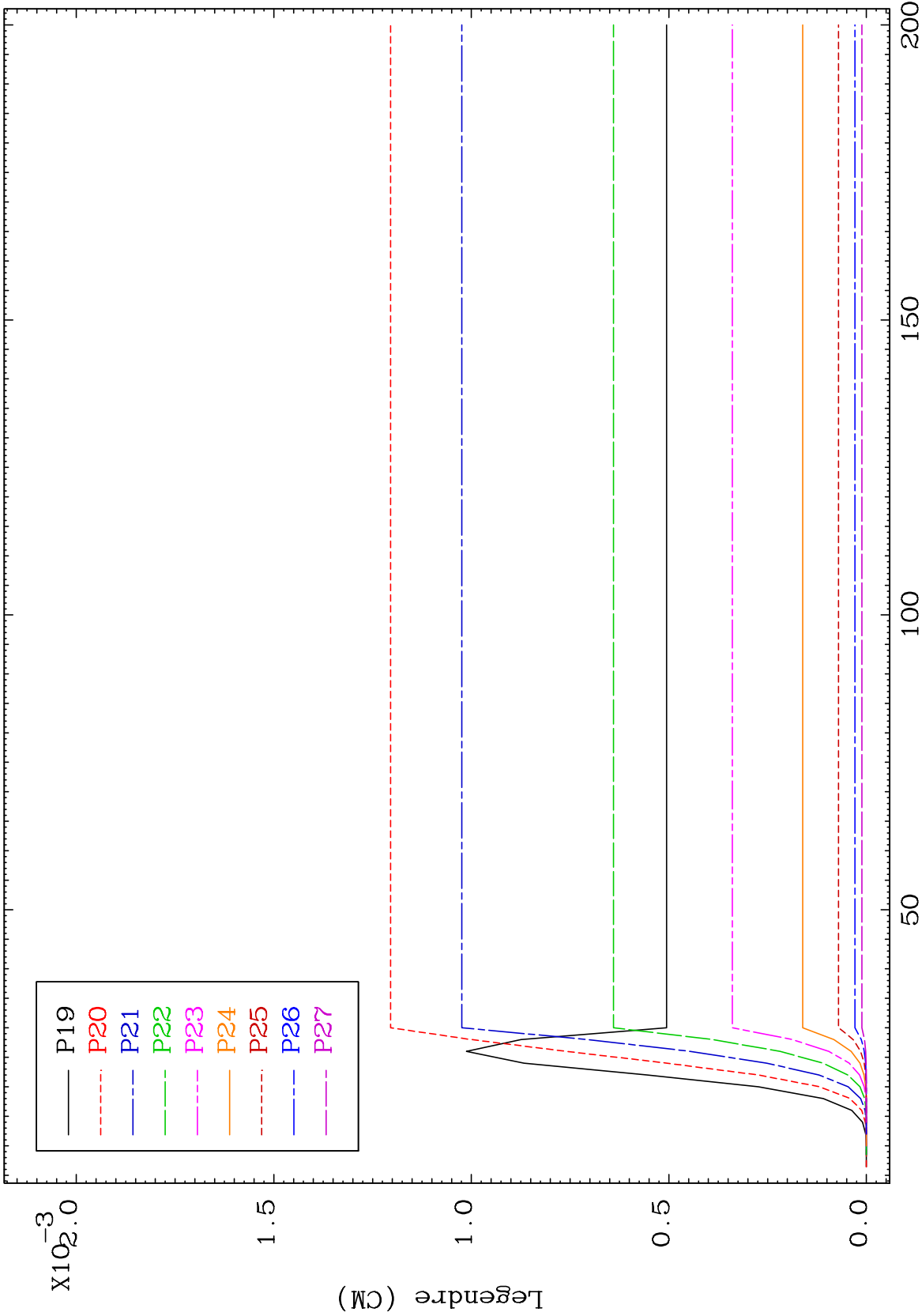
59-Pr-146



83

Incident Energy (MeV)

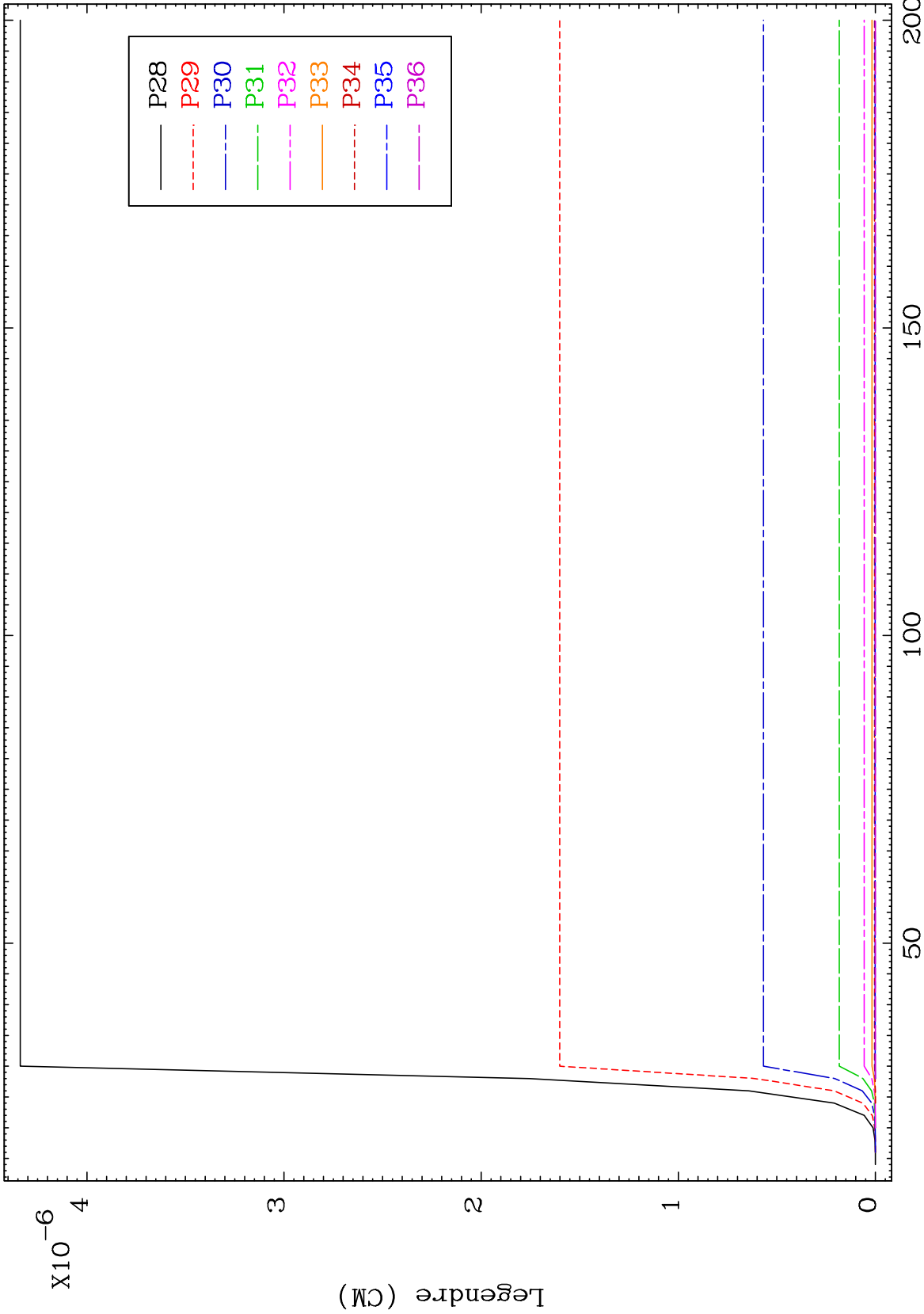
59-Pr-146



MAT 5940

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

59-Pr-146



85

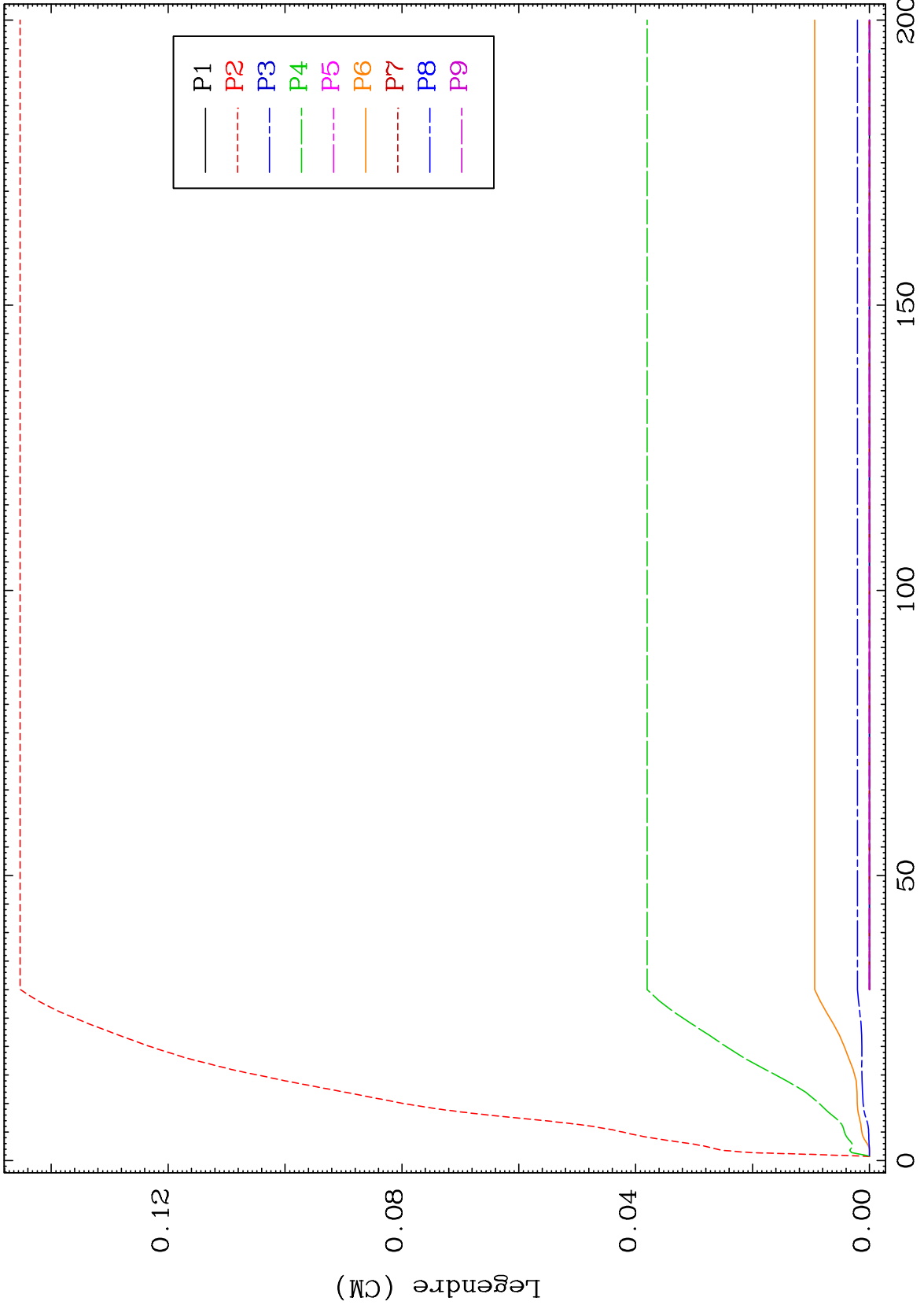
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

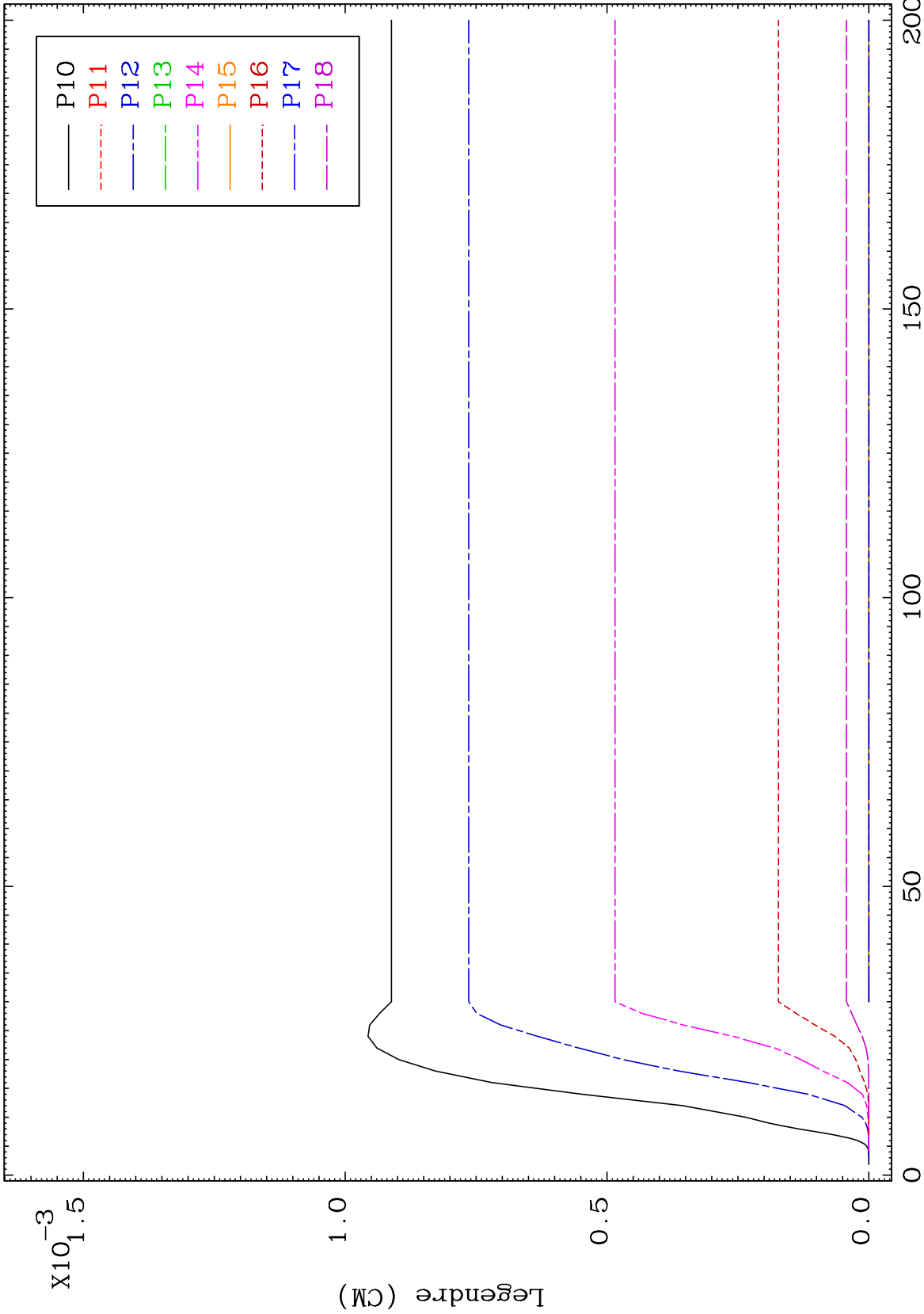
59-Pr-146



86

Incident Energy (MeV)

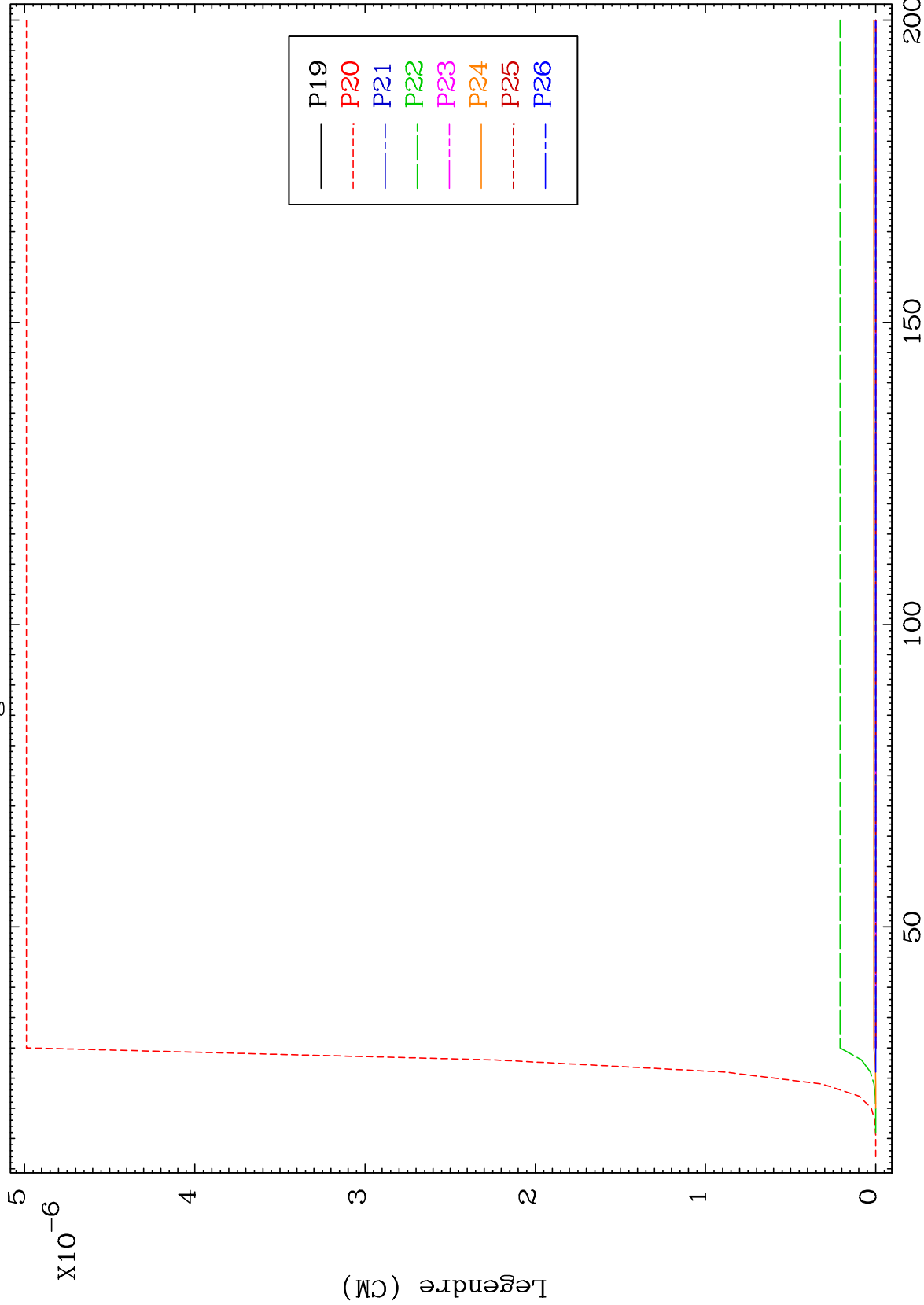
59-Pr-146



MAT 5940

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

59-Pr-146



88

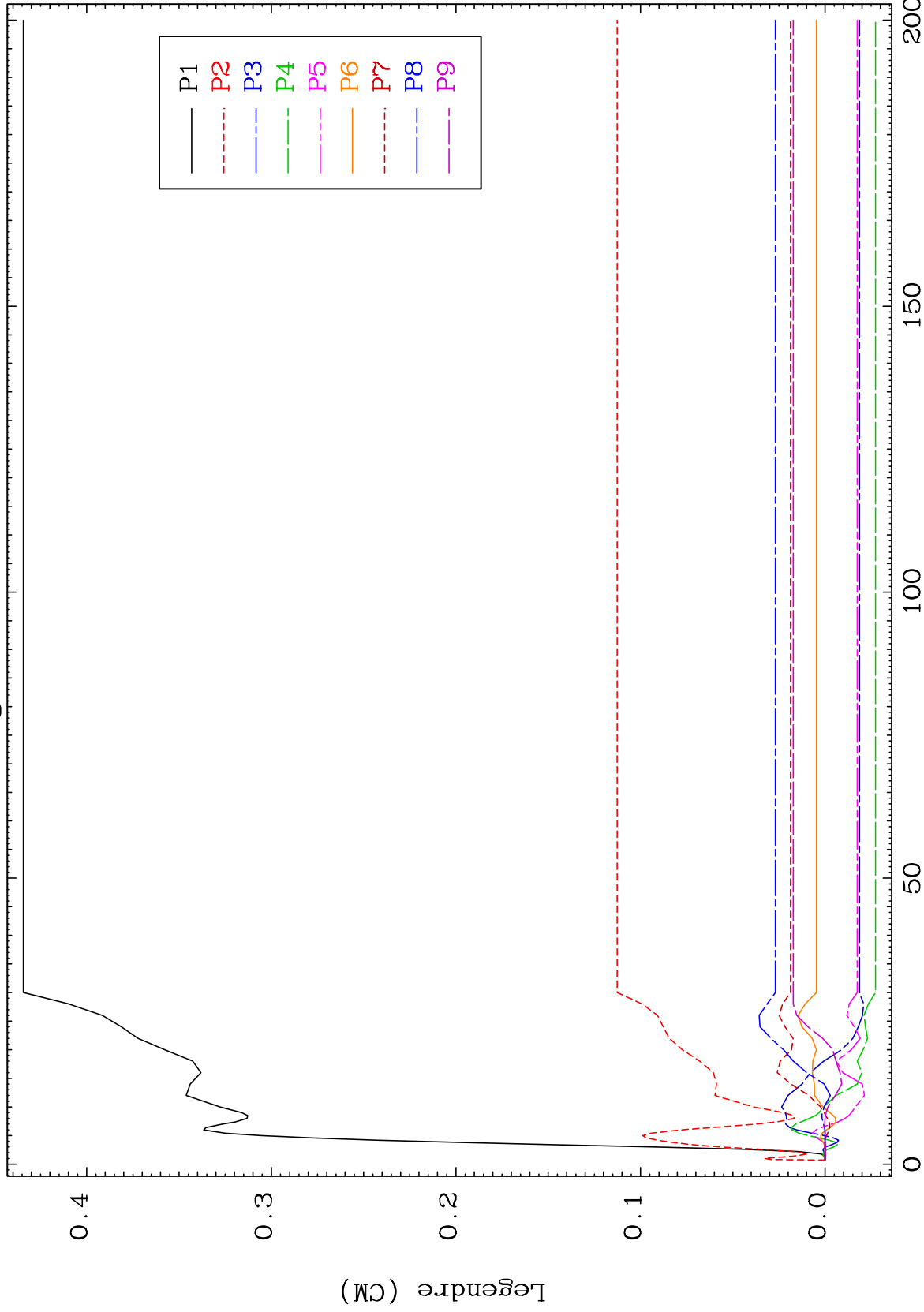
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



89

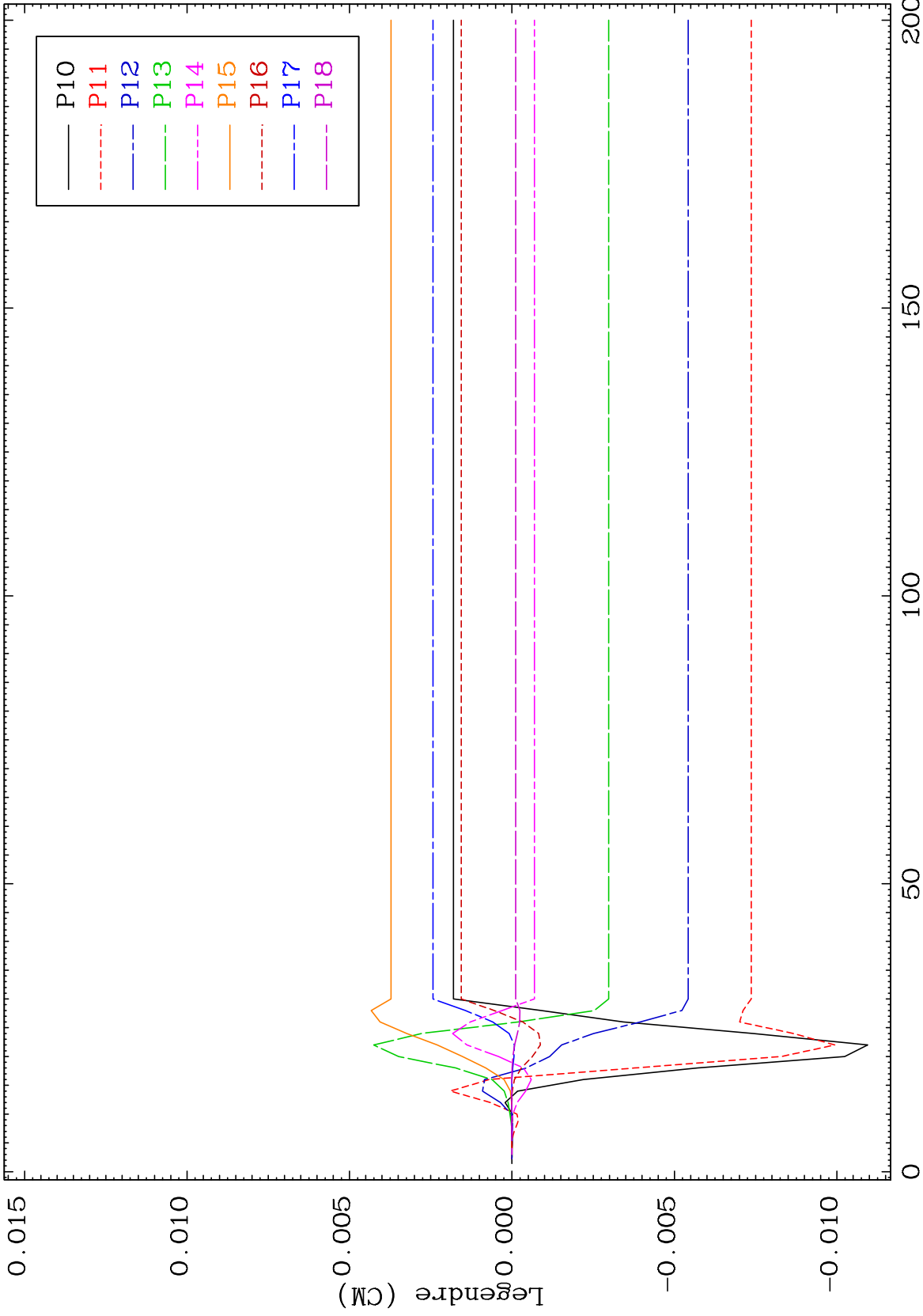
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



90

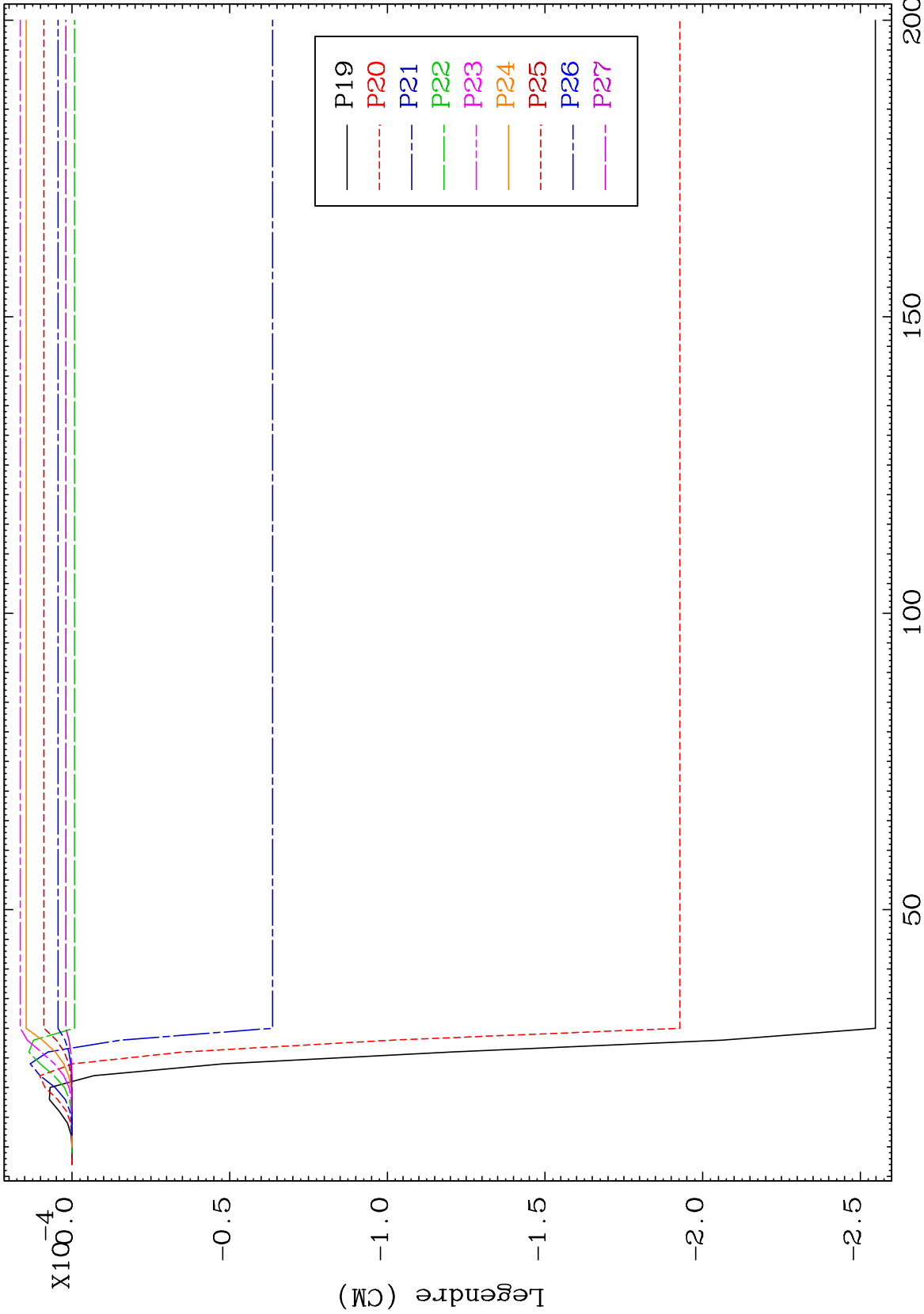
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



91

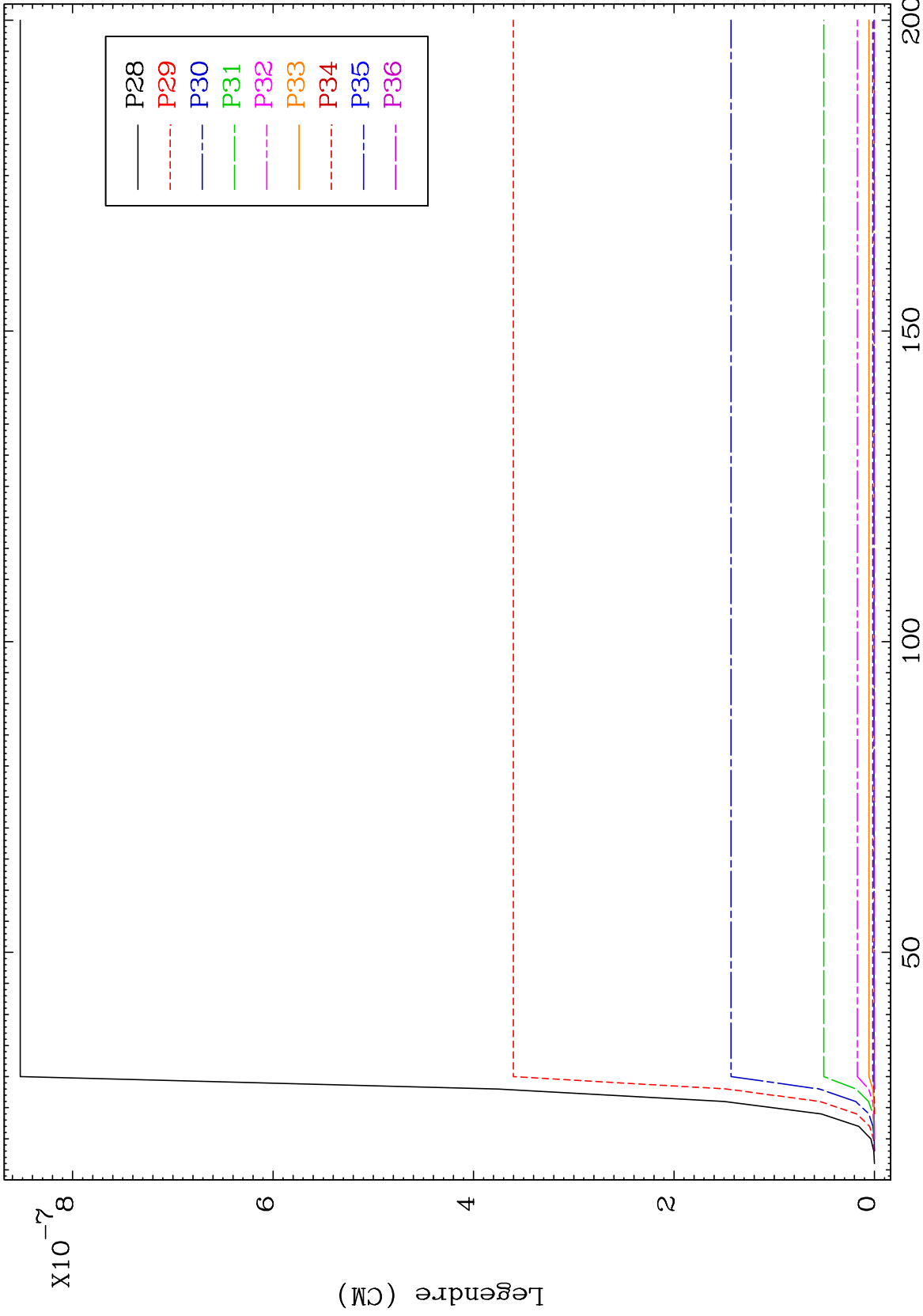
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



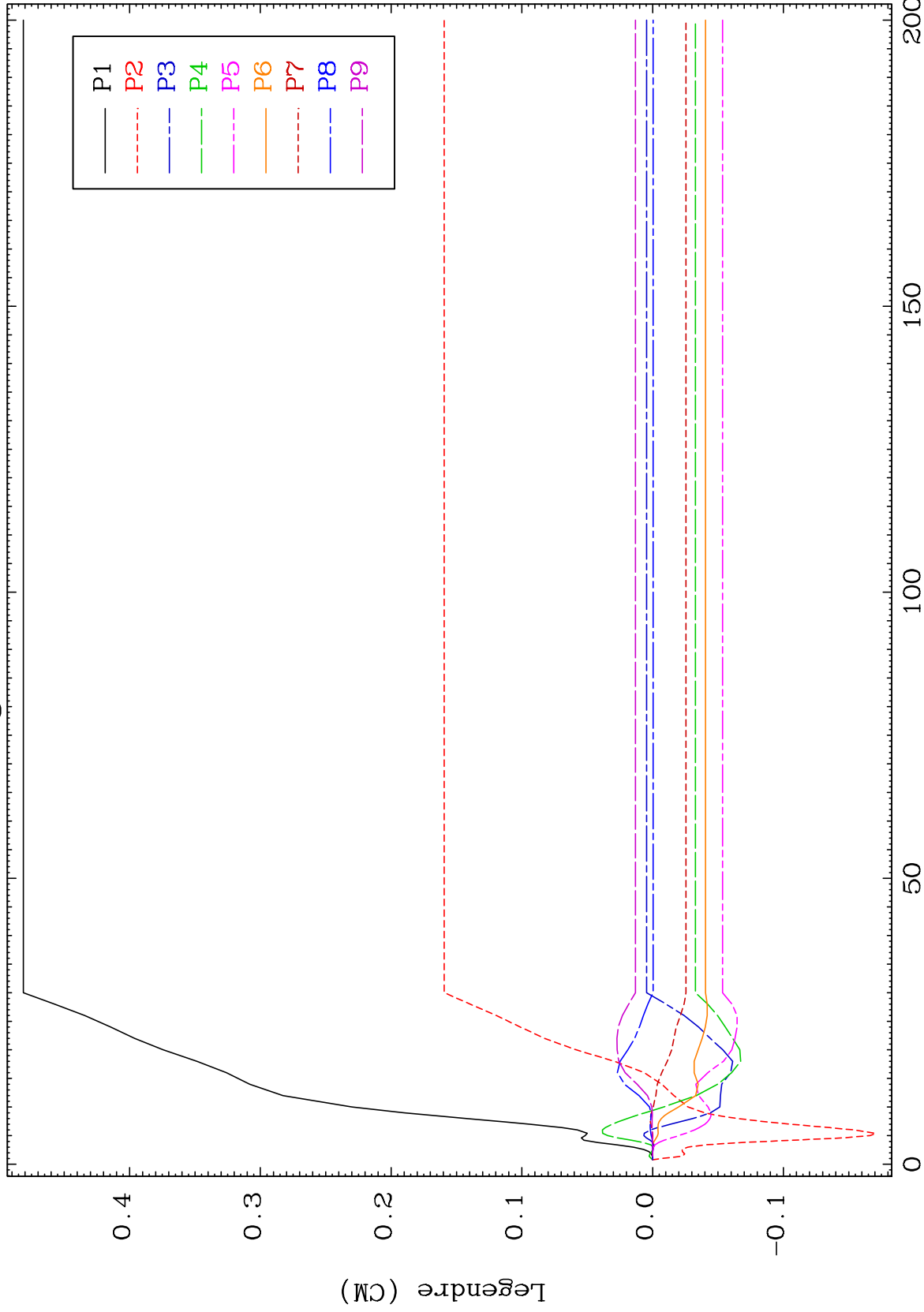
92

59-Pr-146

MAT 5940

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

59-Pr-146



93

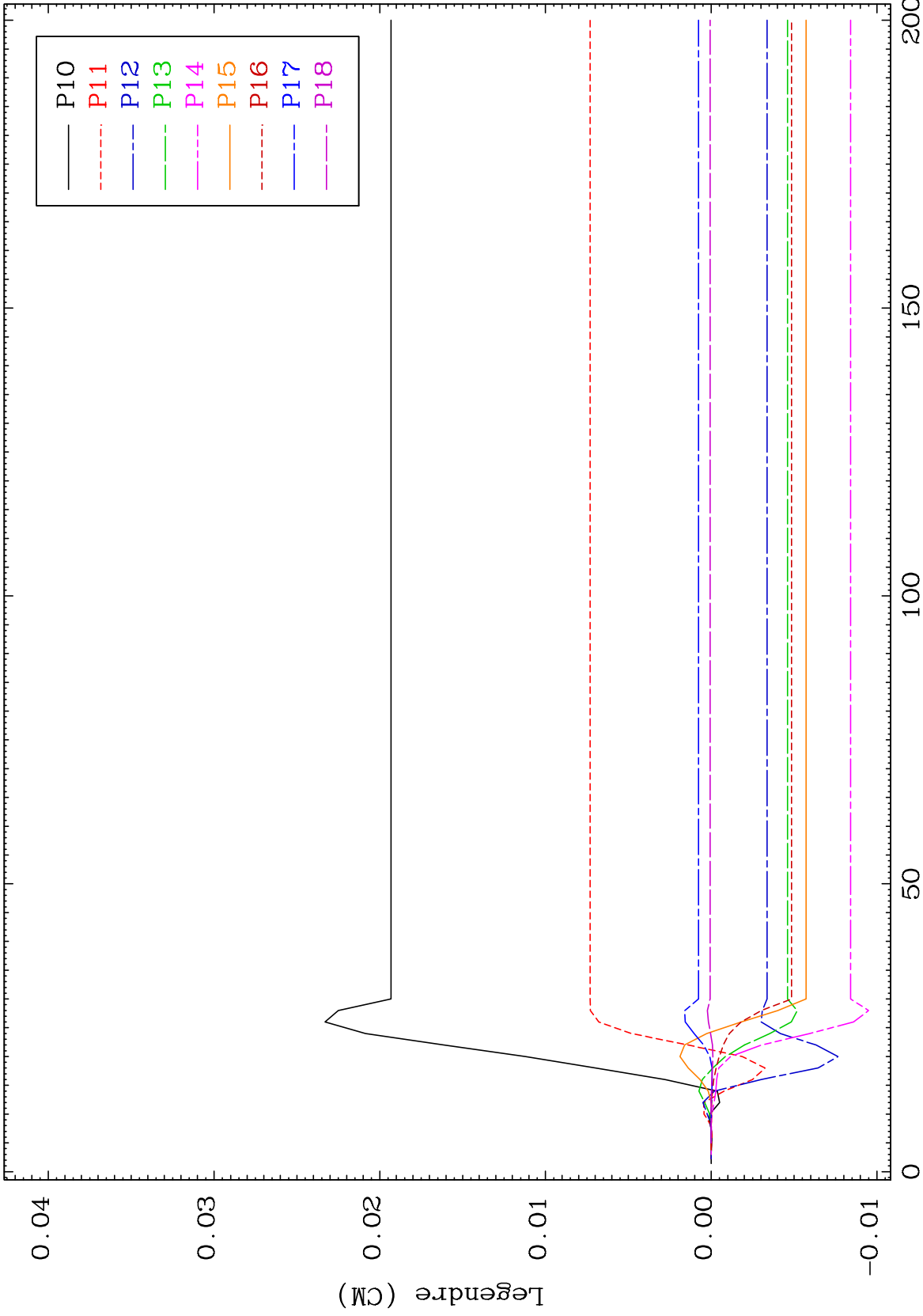
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



94

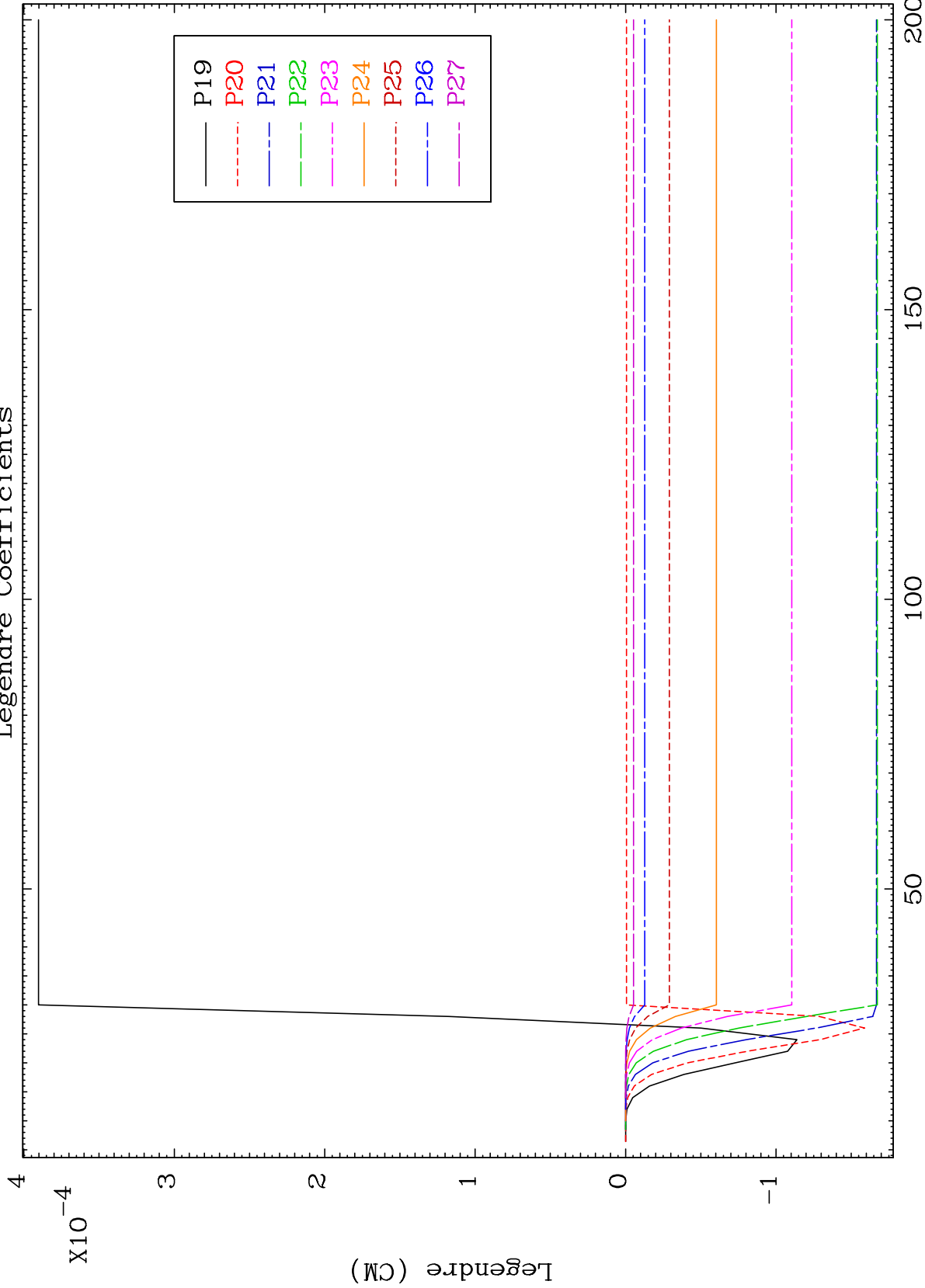
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



95

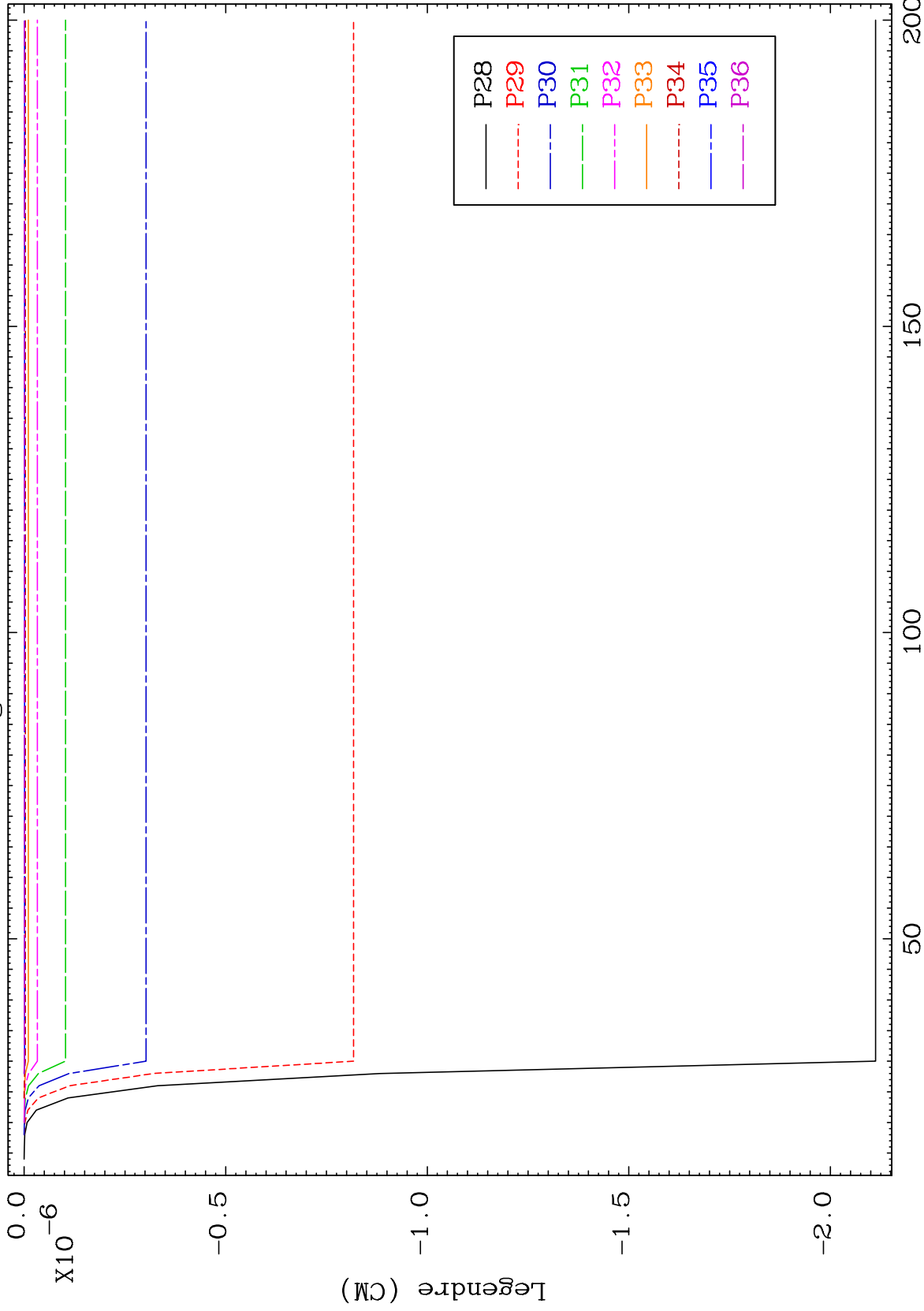
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



96

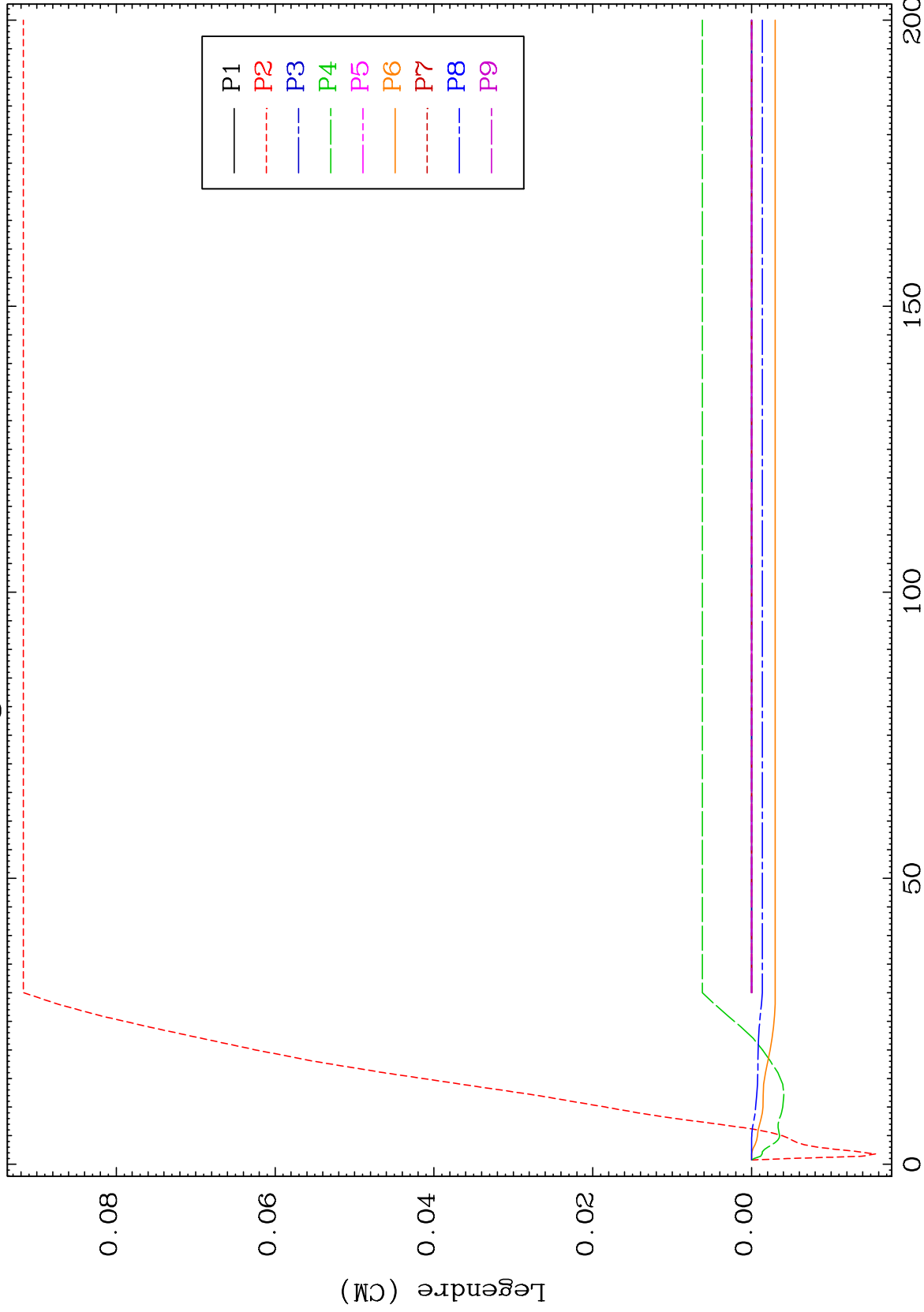
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

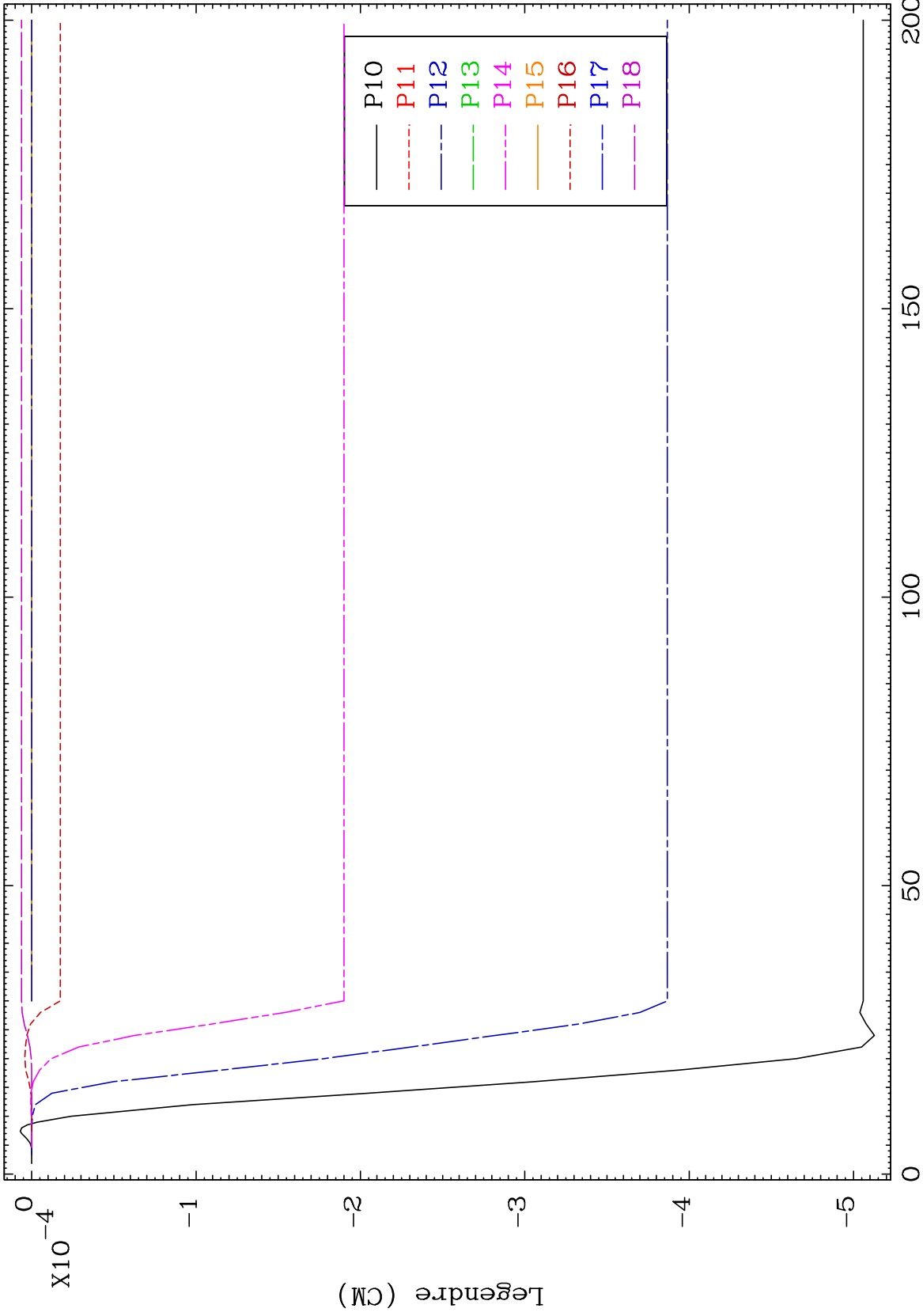
59-Pr-146



97

Incident Energy (MeV)

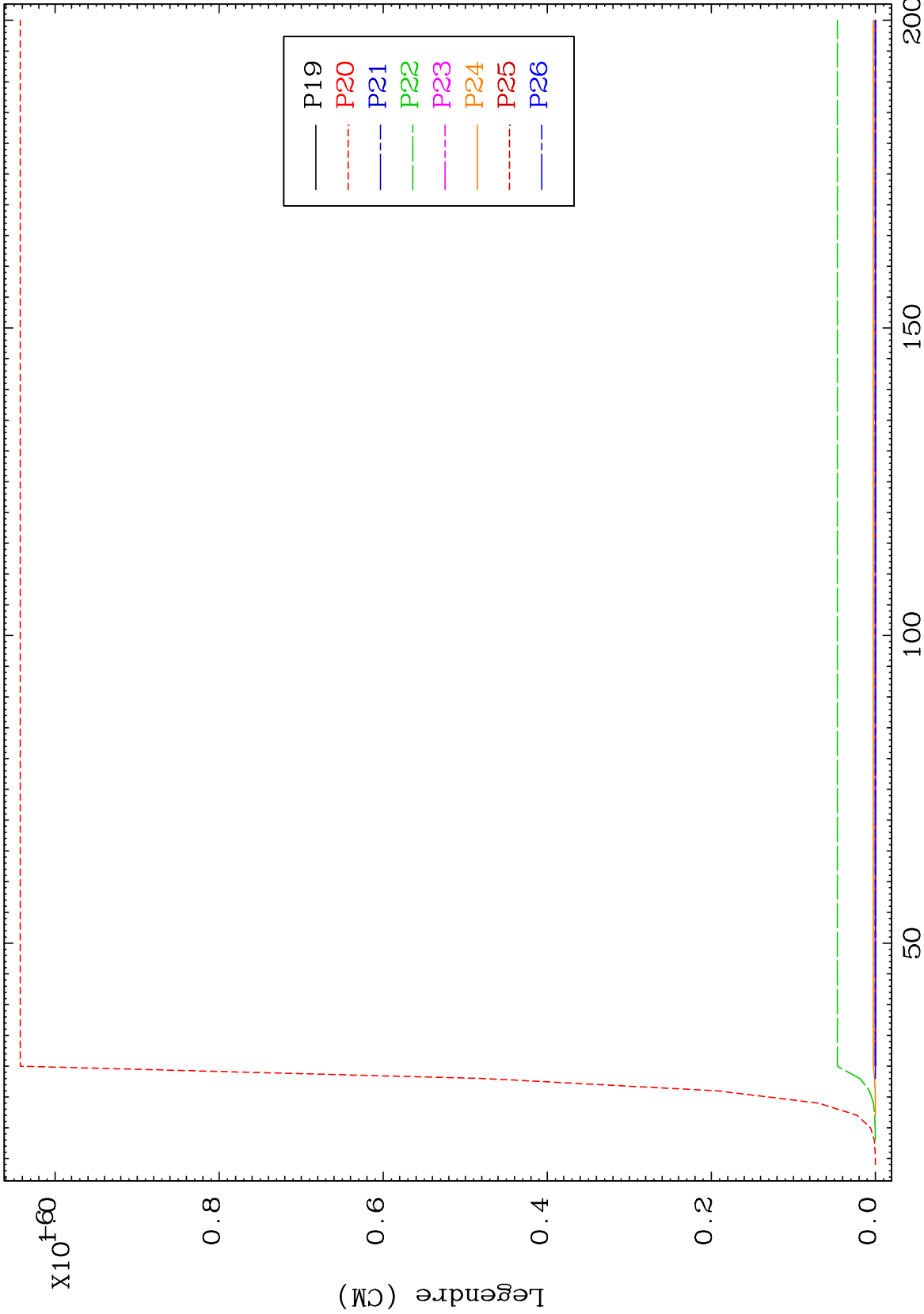
59-Pr-146



MAT 5940

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

59-Pr-146



99

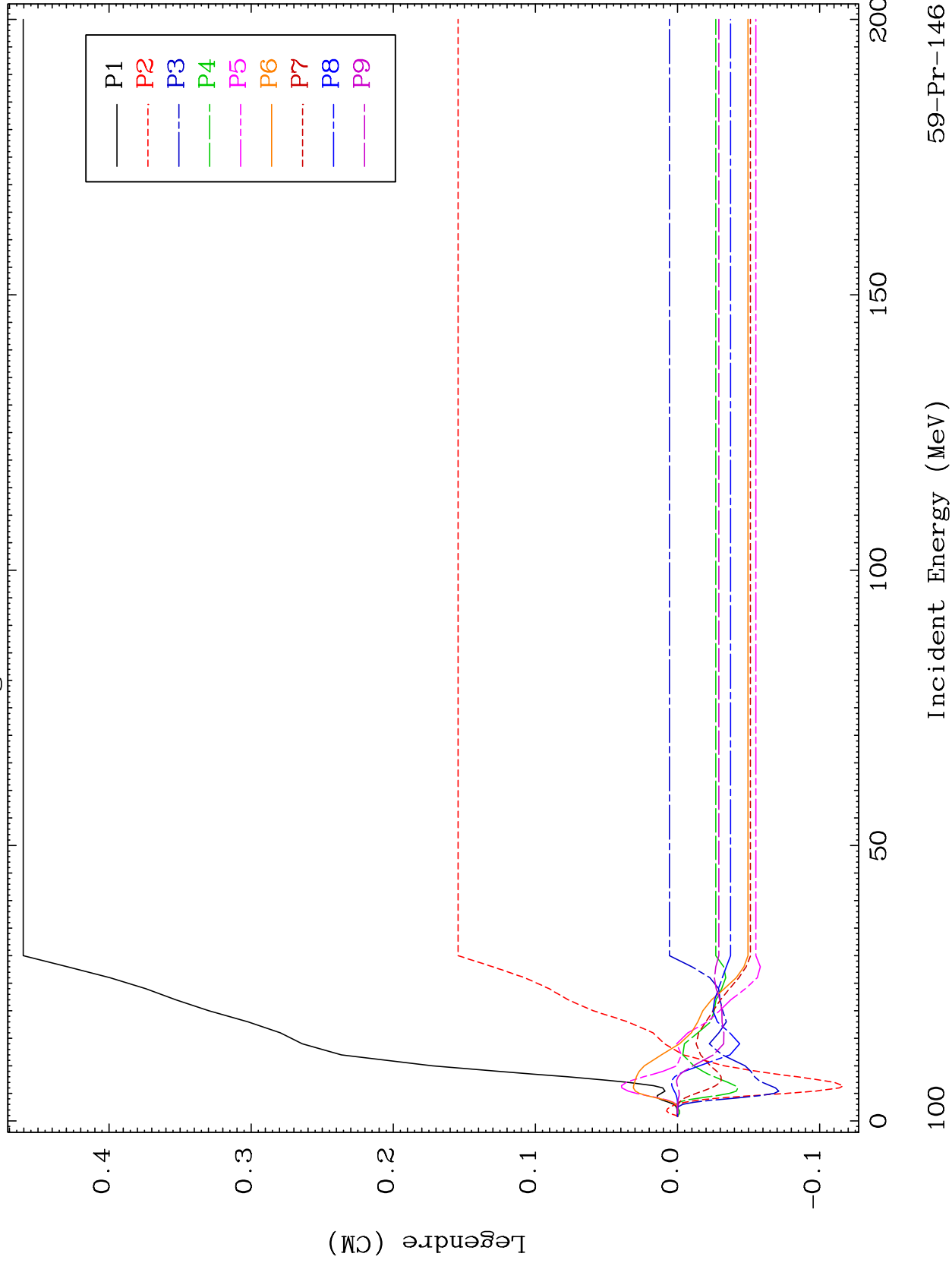
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146

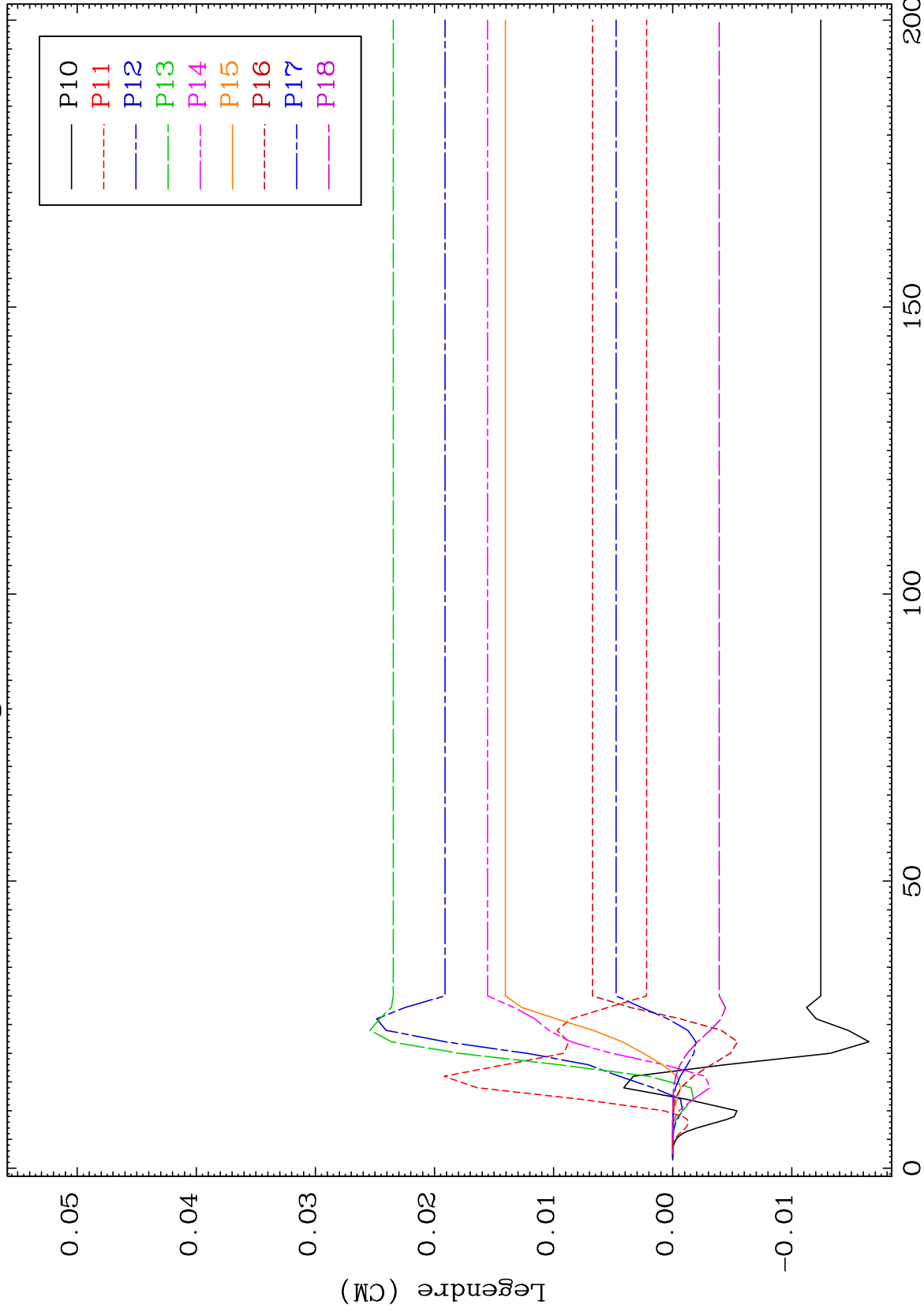


59-Pr-146

MAT 5940

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

59-Pr-146



101

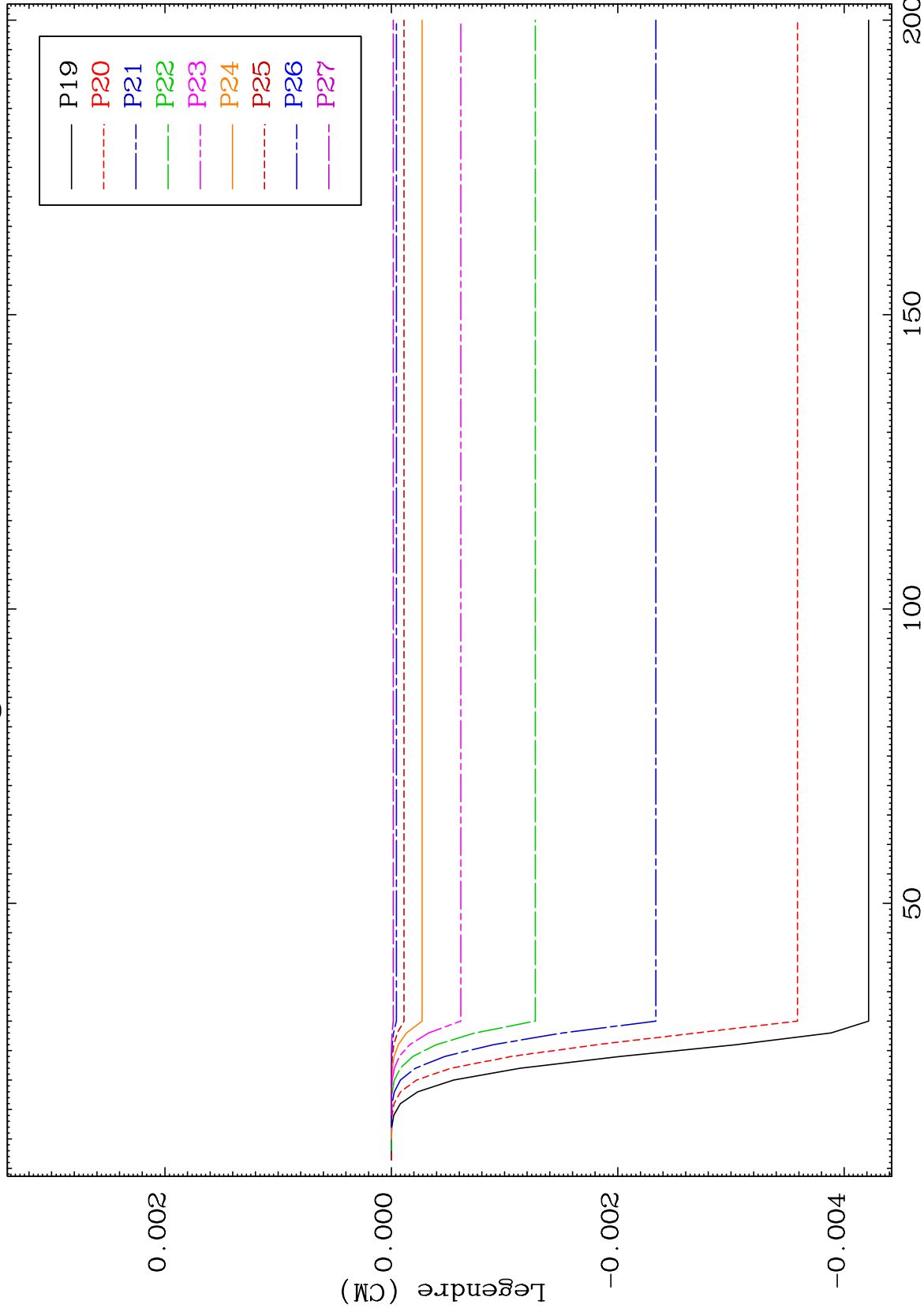
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



102

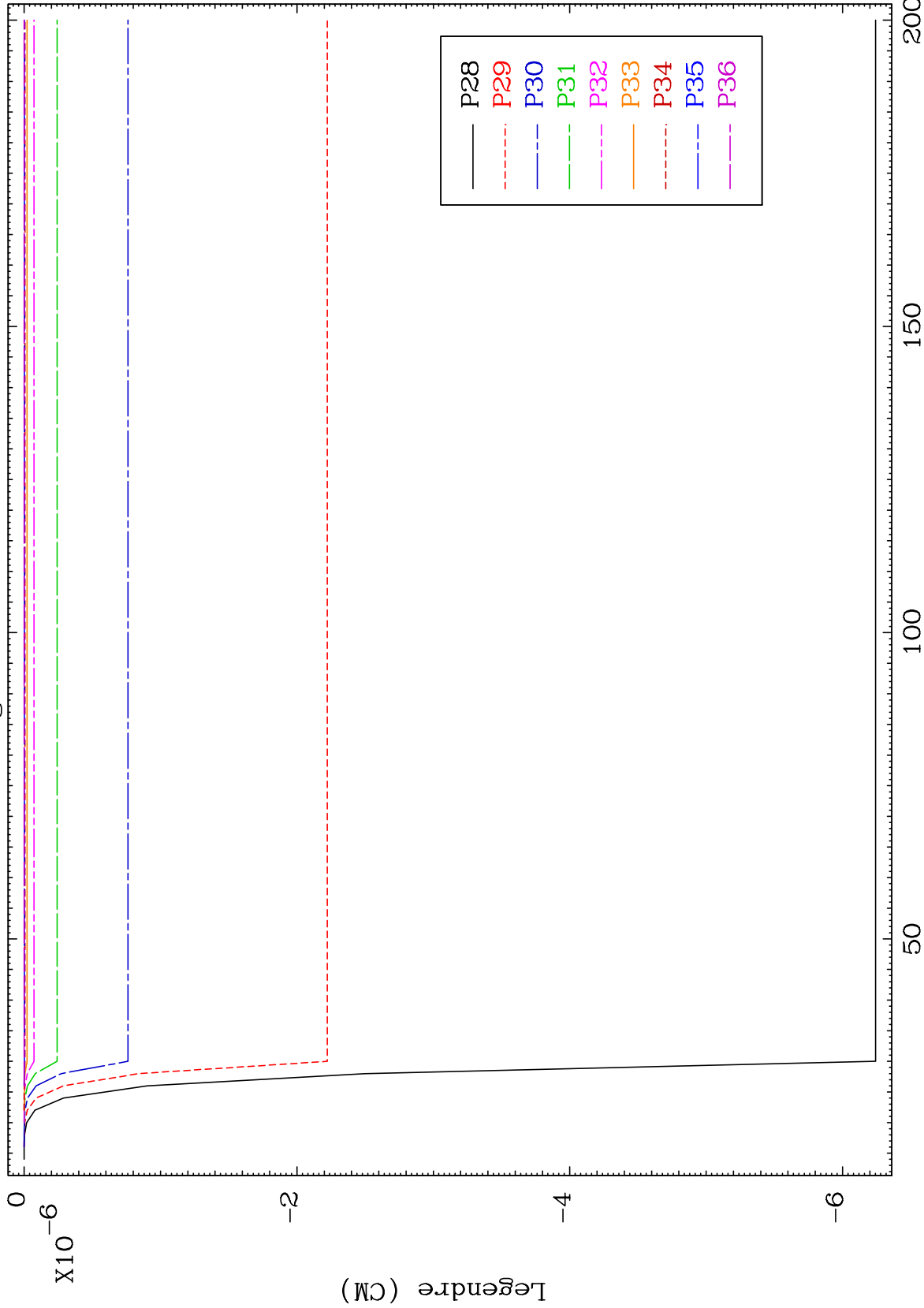
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



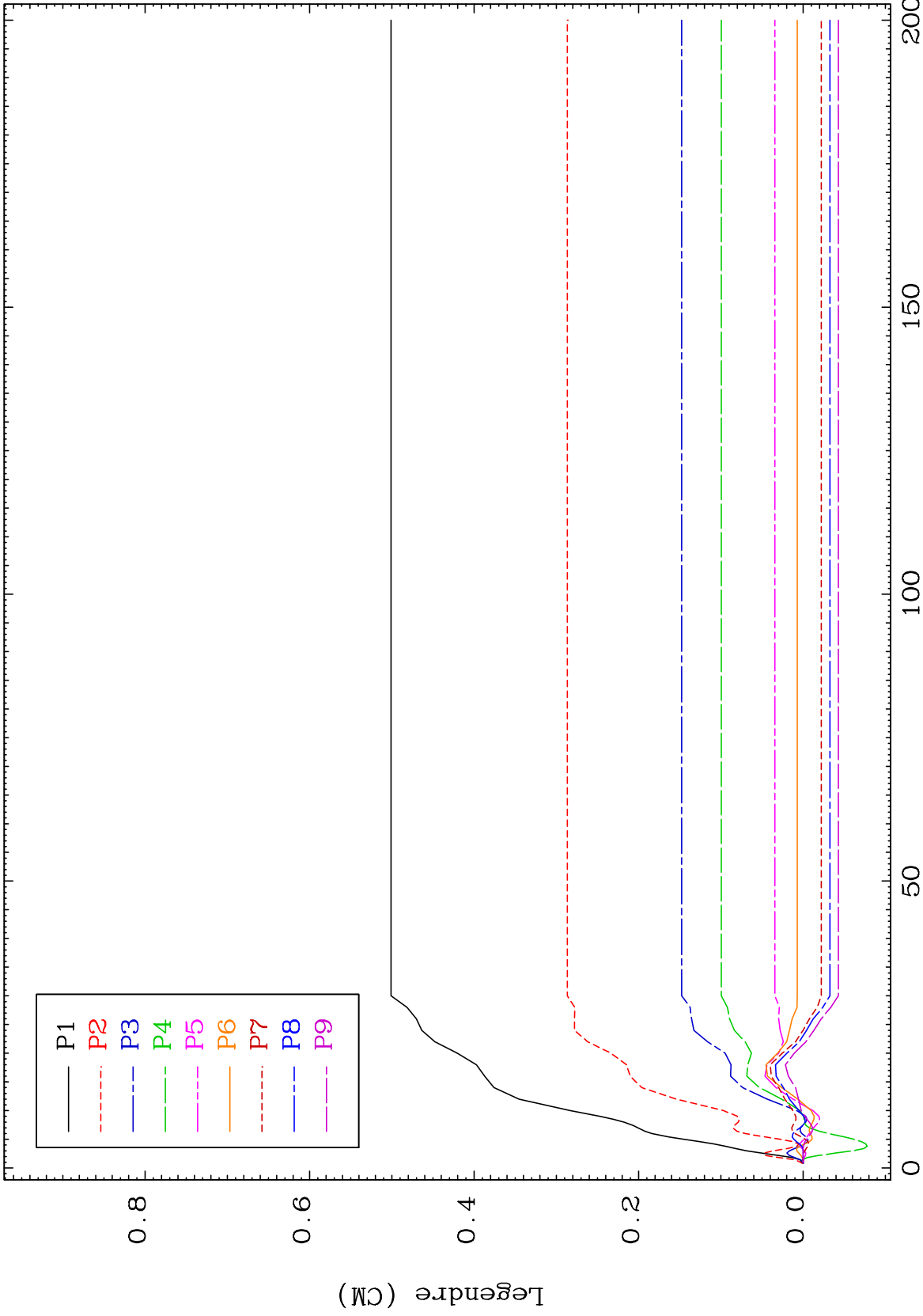
103

59-Pr-146

MAT 5940

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

59-Pr-146



104

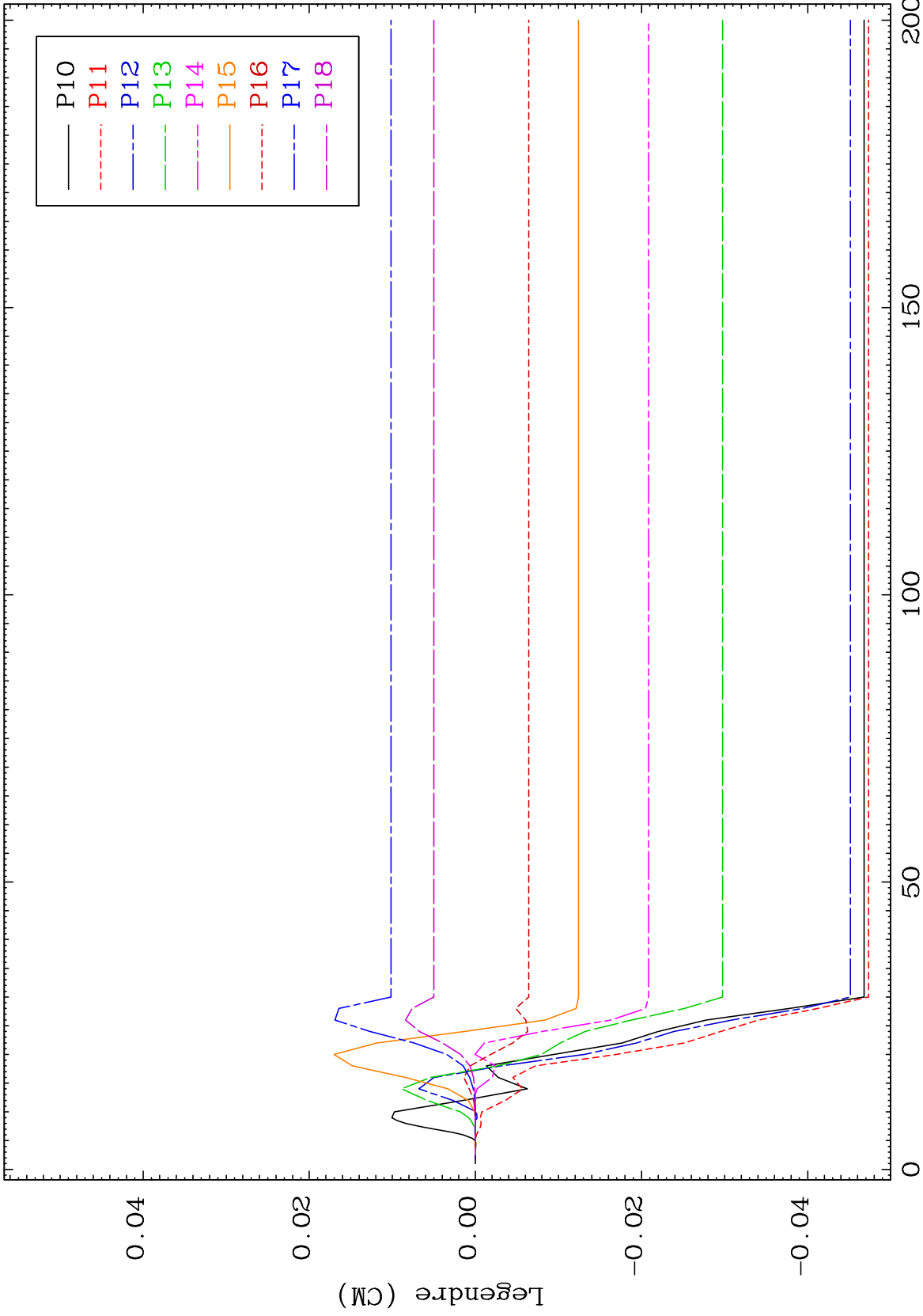
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

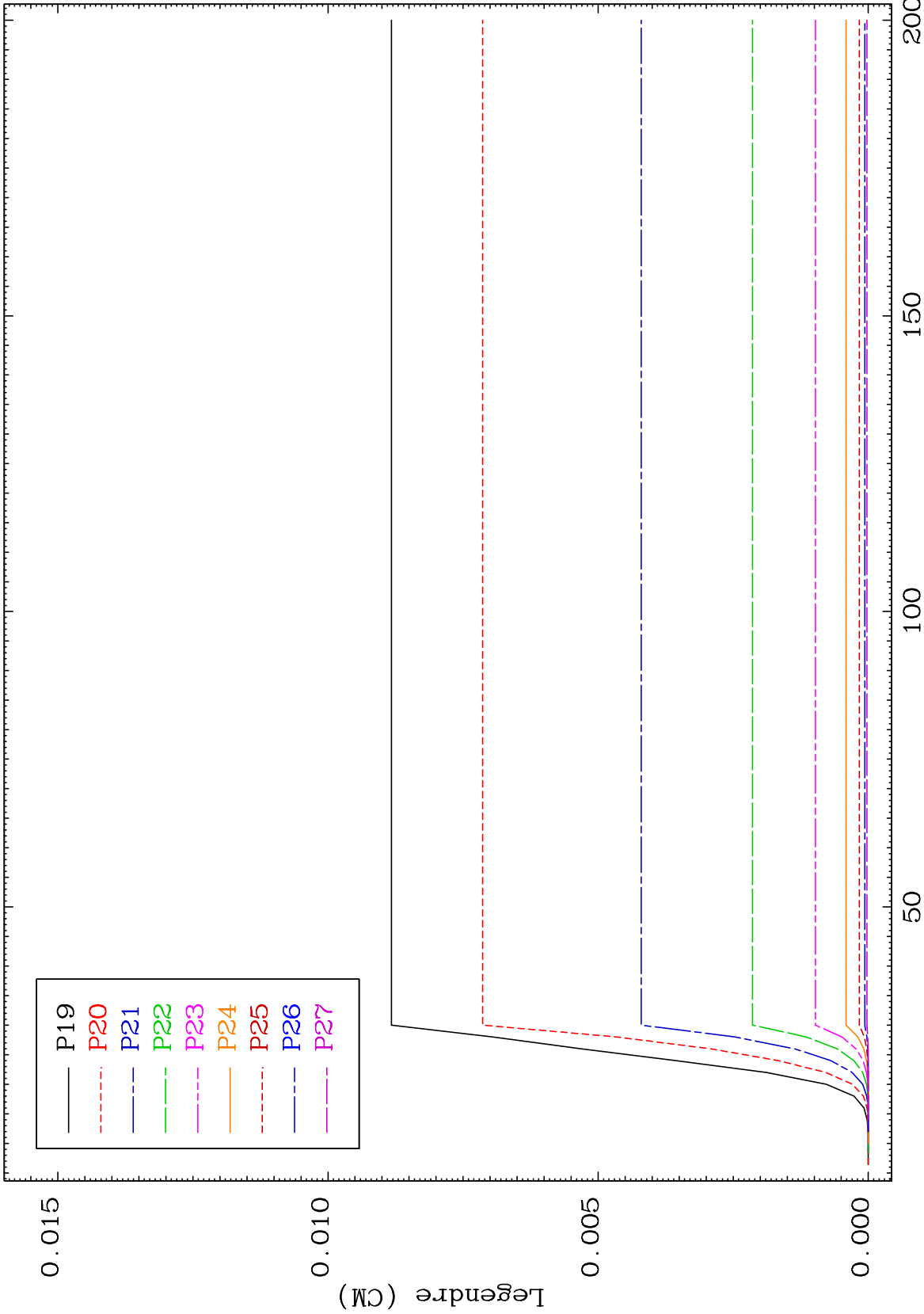
59-Pr-146

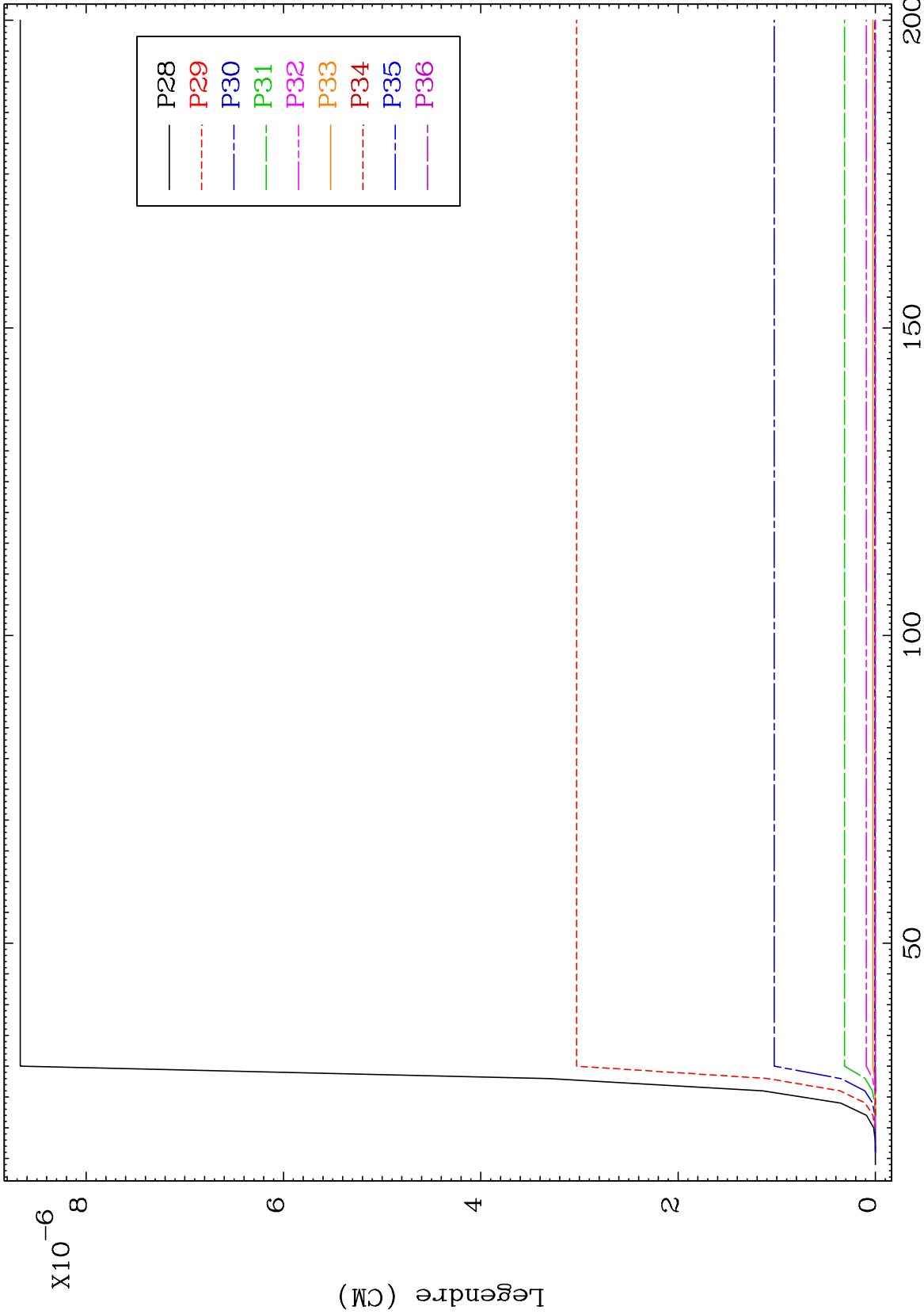


105

Incident Energy (MeV)

59-Pr-146

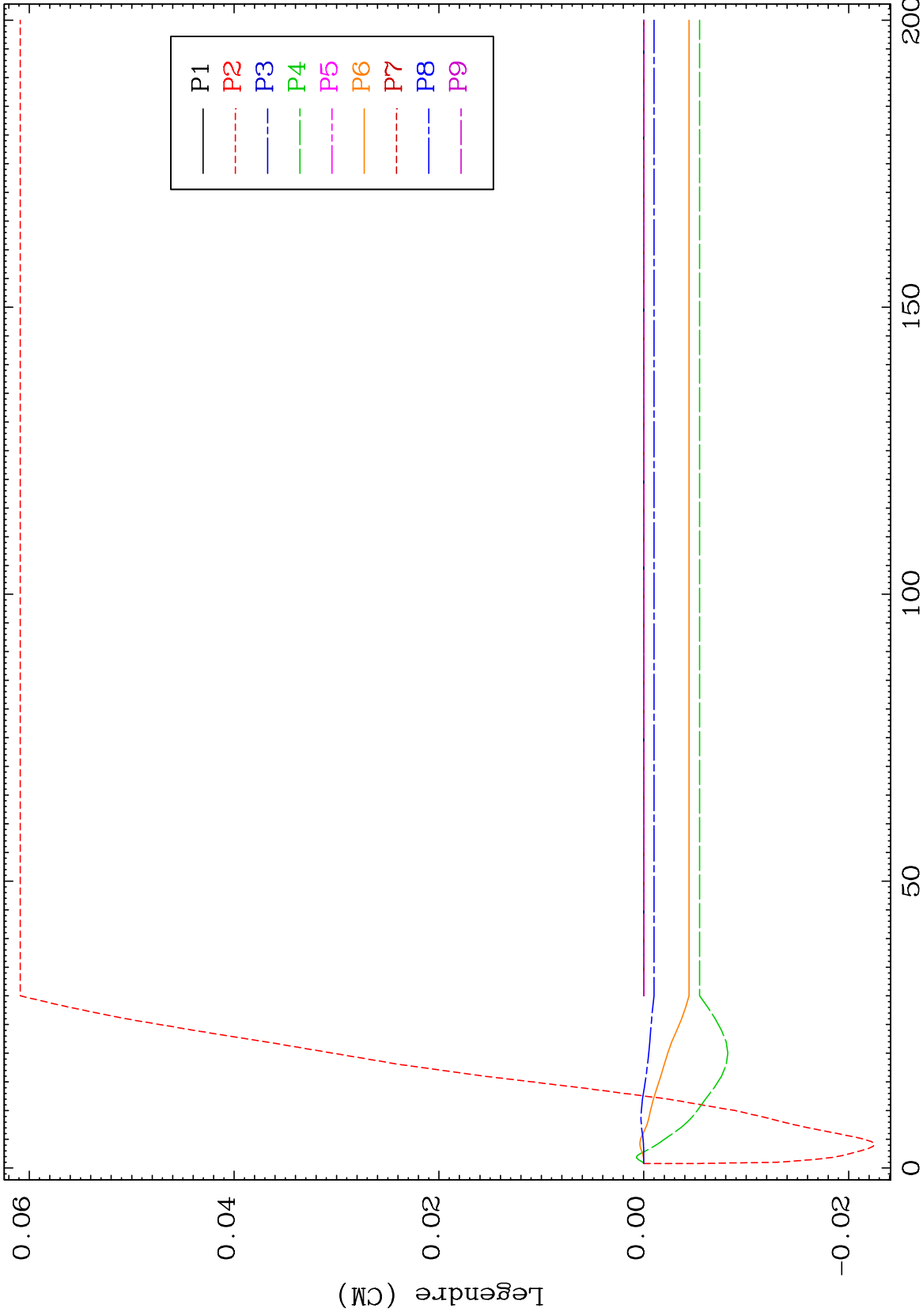




MAT 5940

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

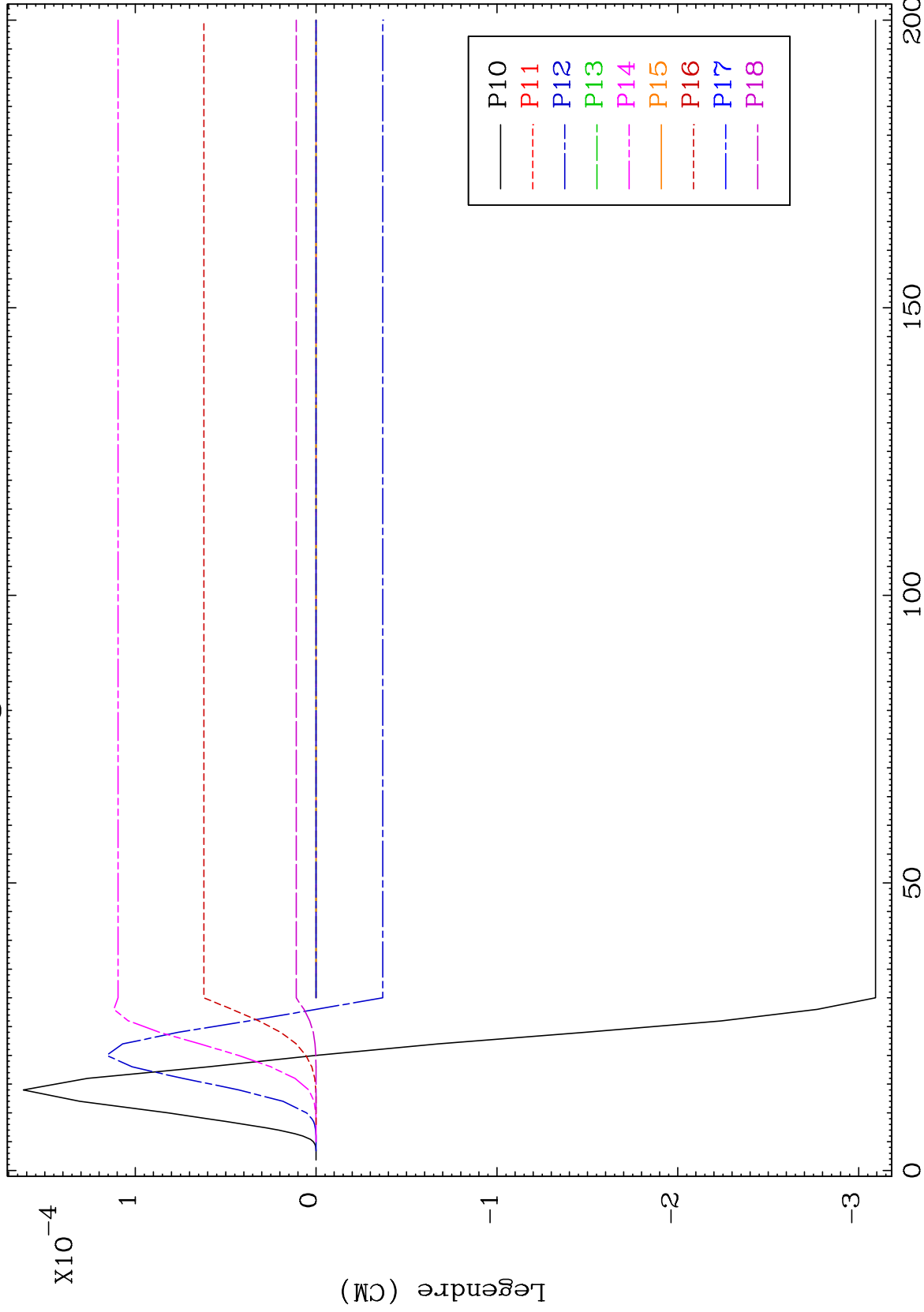
59-Pr-146



108

Incident Energy (MeV)

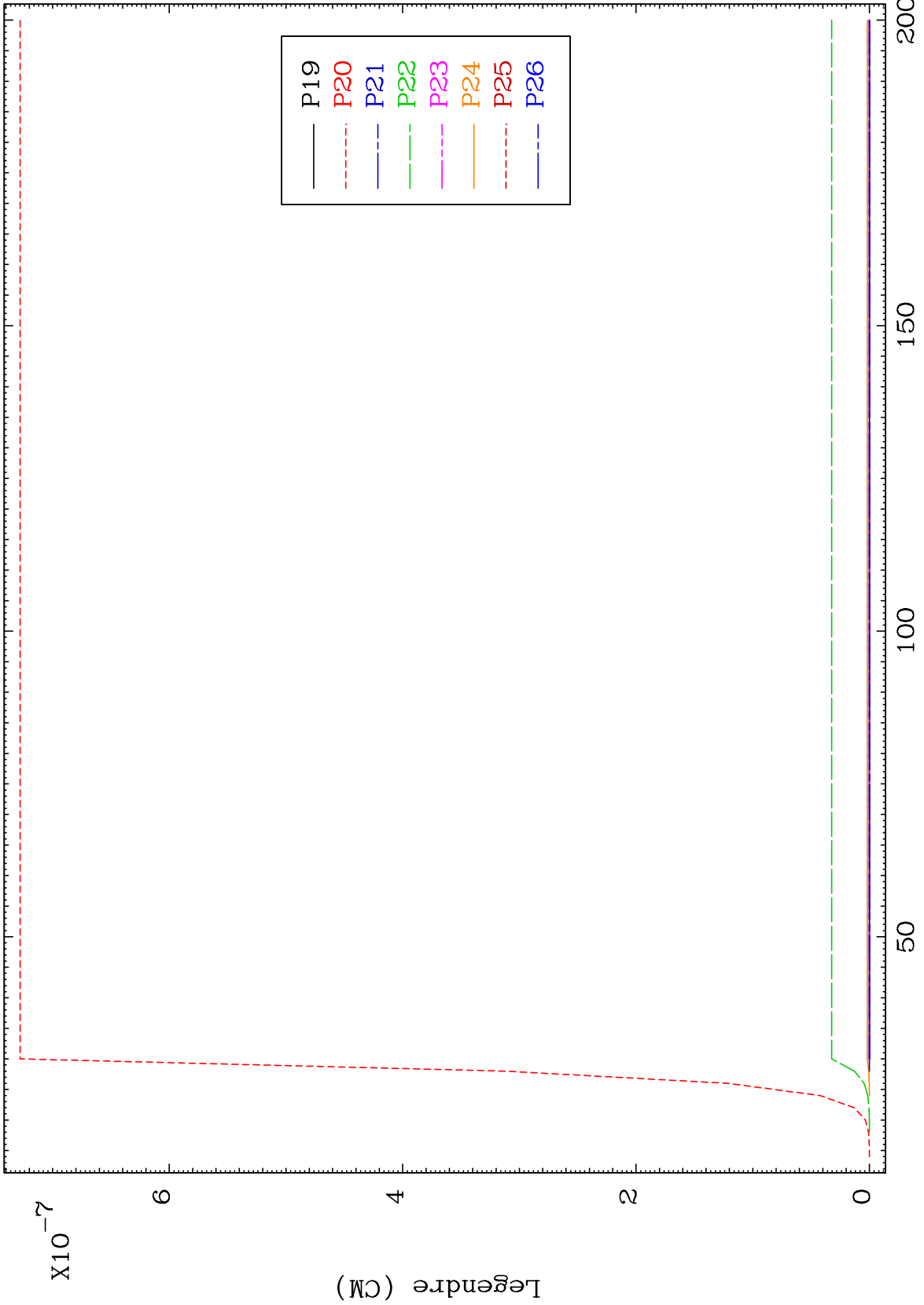
59-Pr-146



MAT 5940

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

59-Pr-146



110

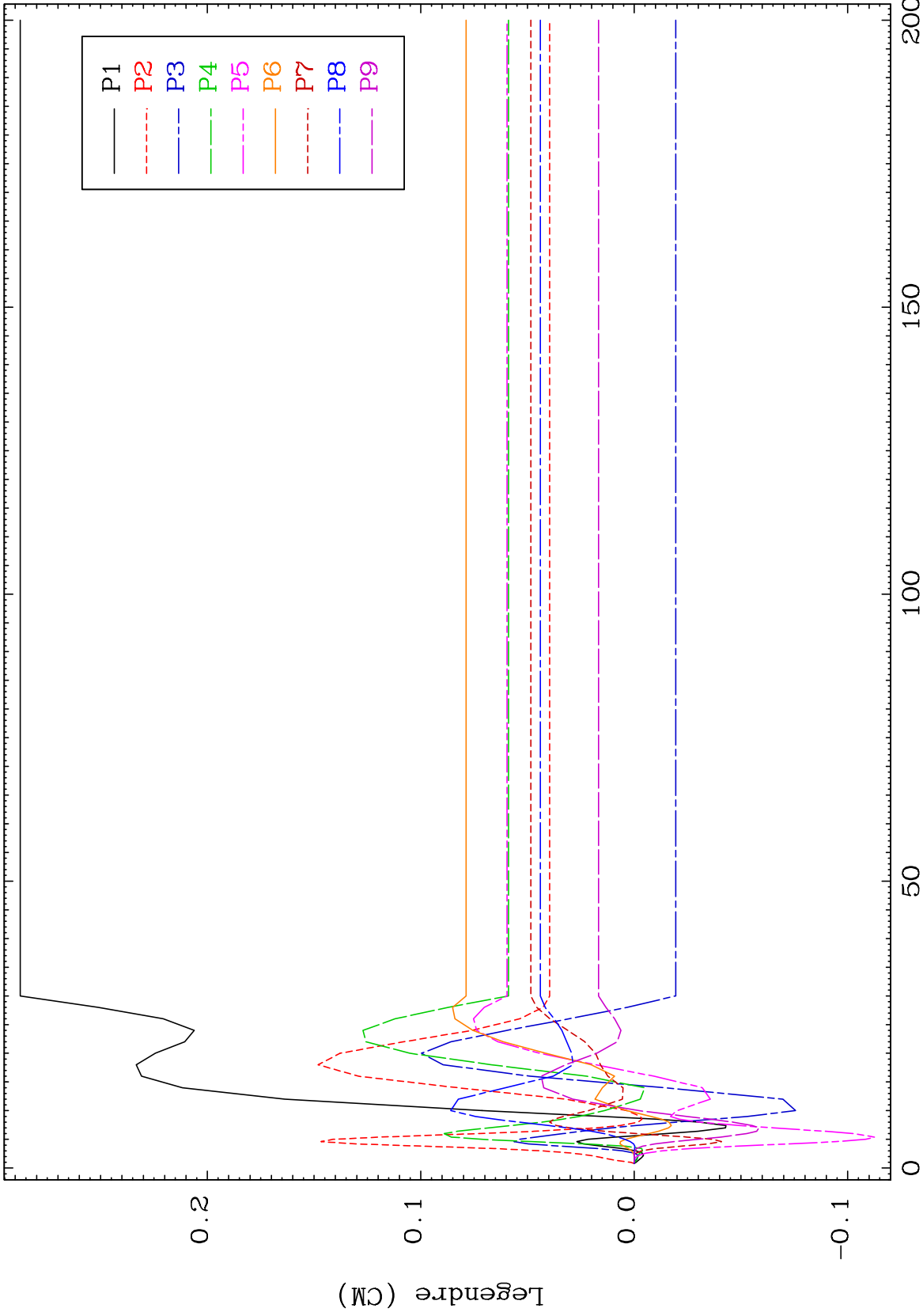
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



111

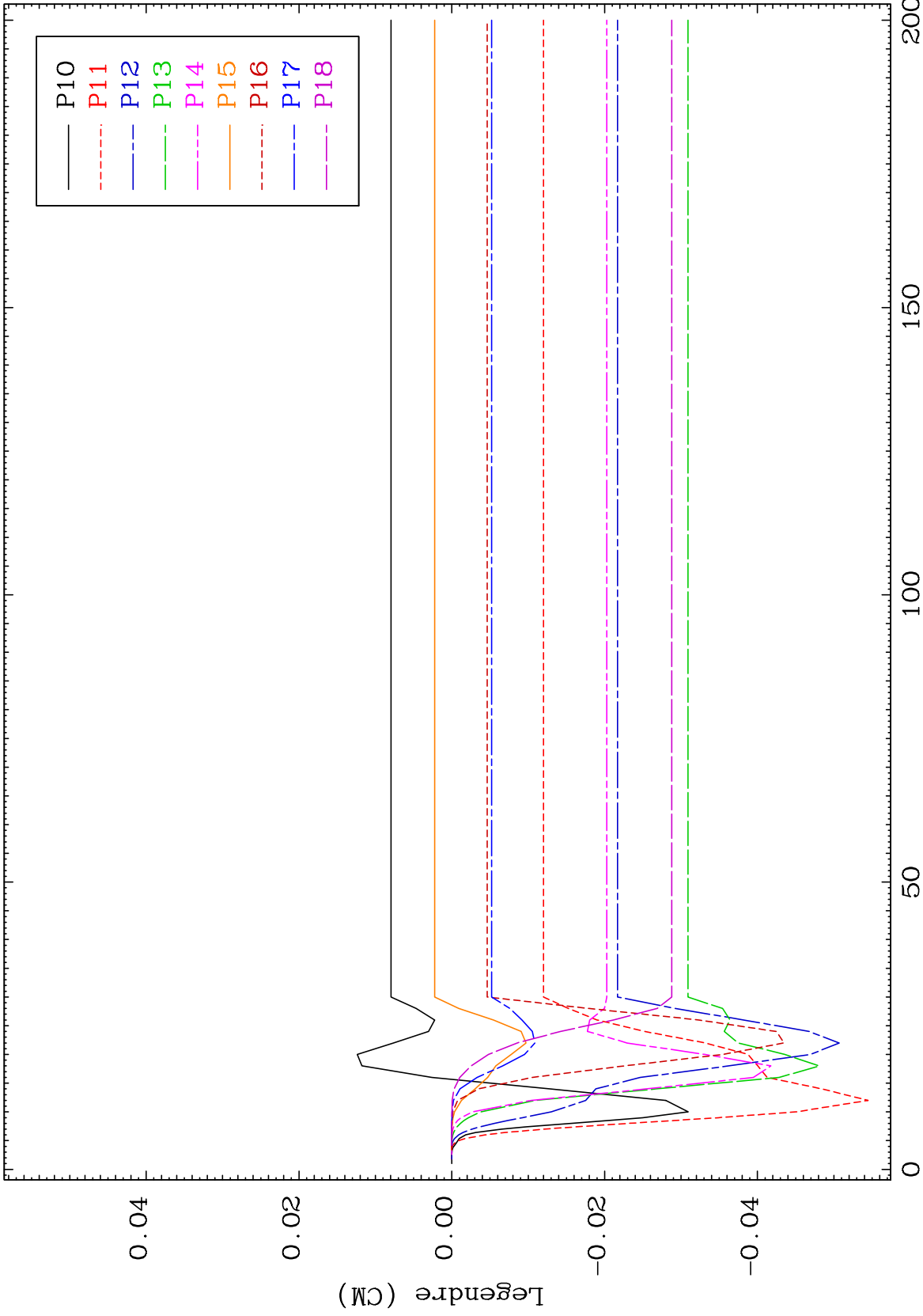
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

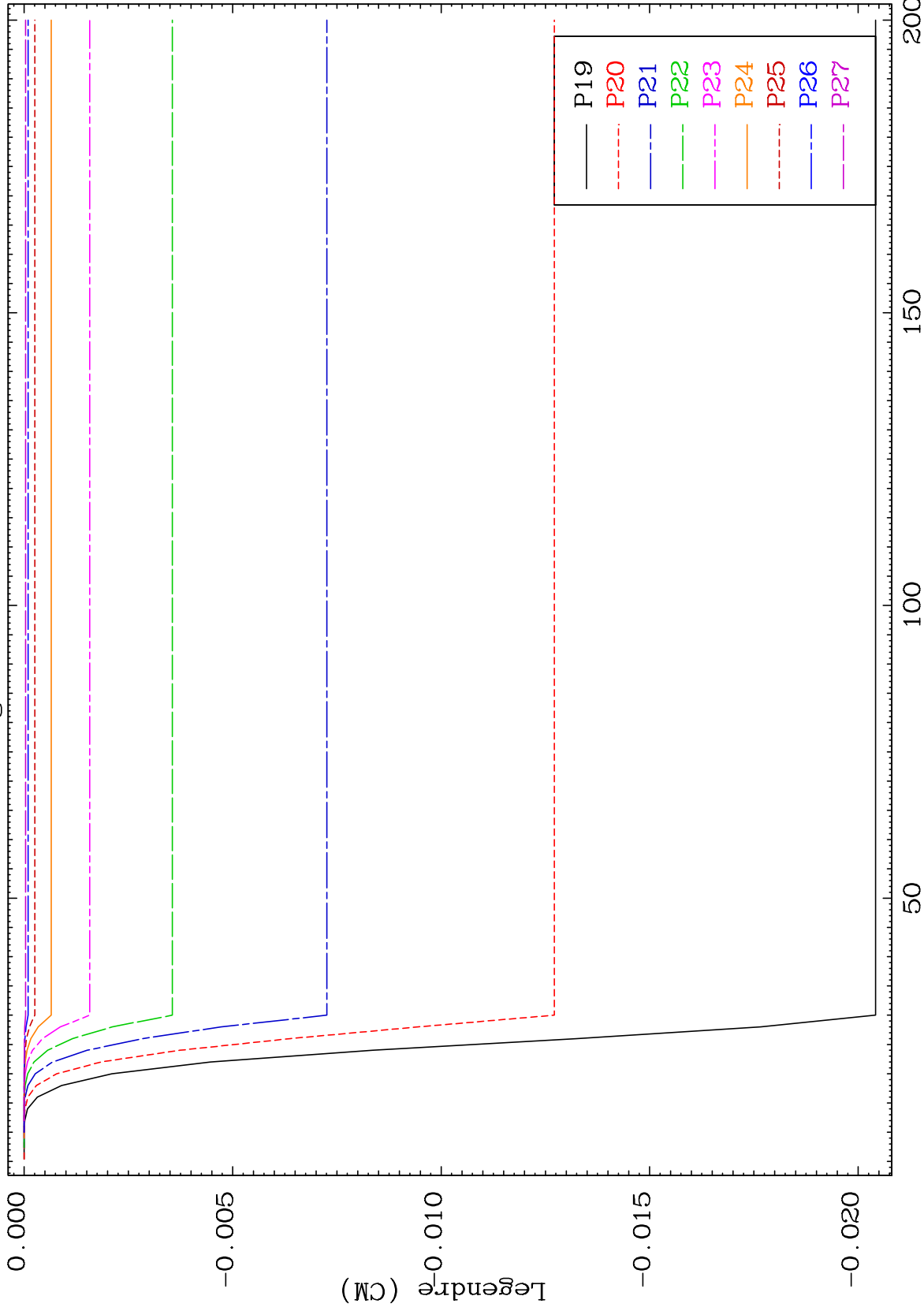
59-Pr-146



112

Incident Energy (MeV)

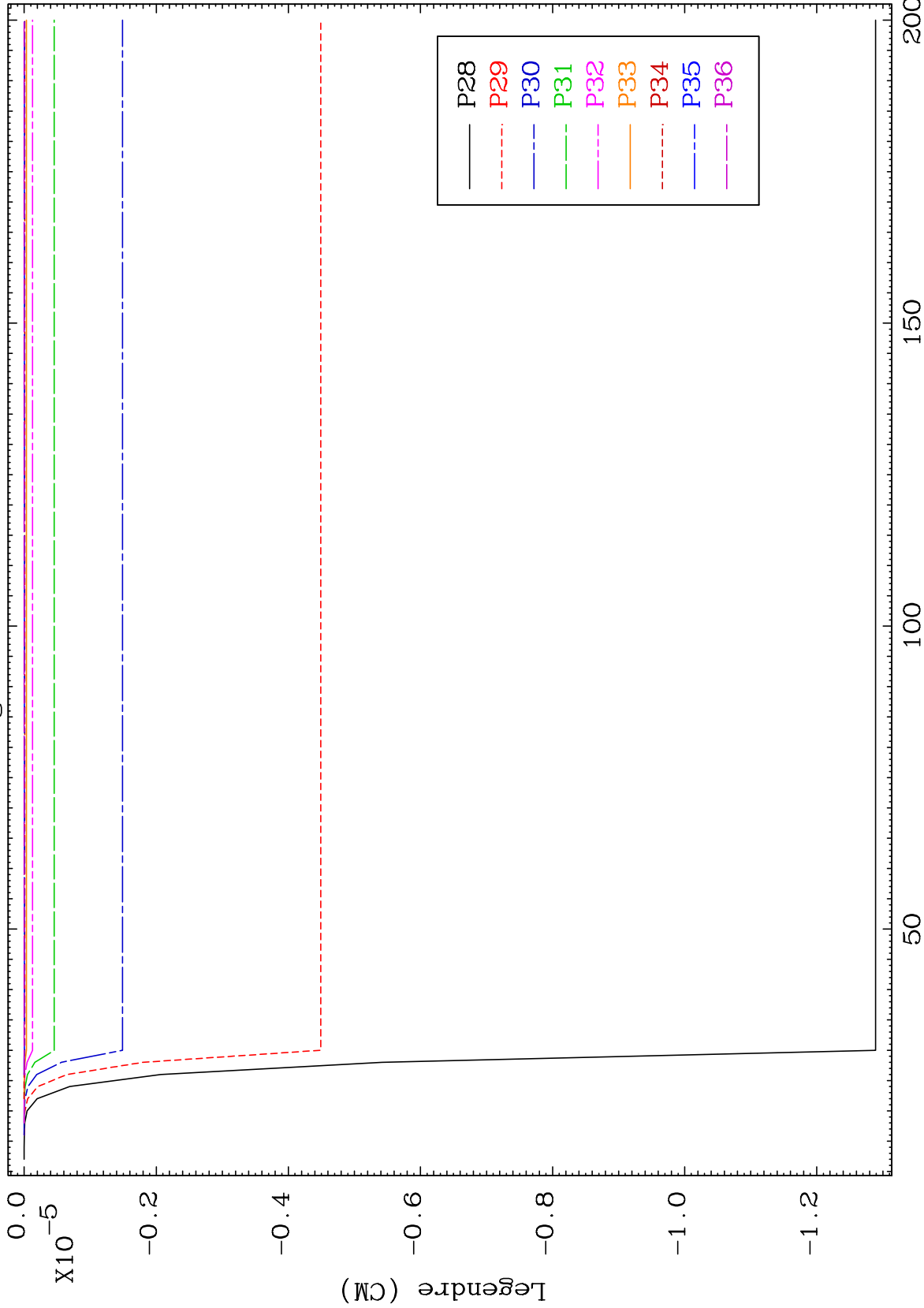
59-Pr-146



MAT 5940

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

59-Pr-146



114

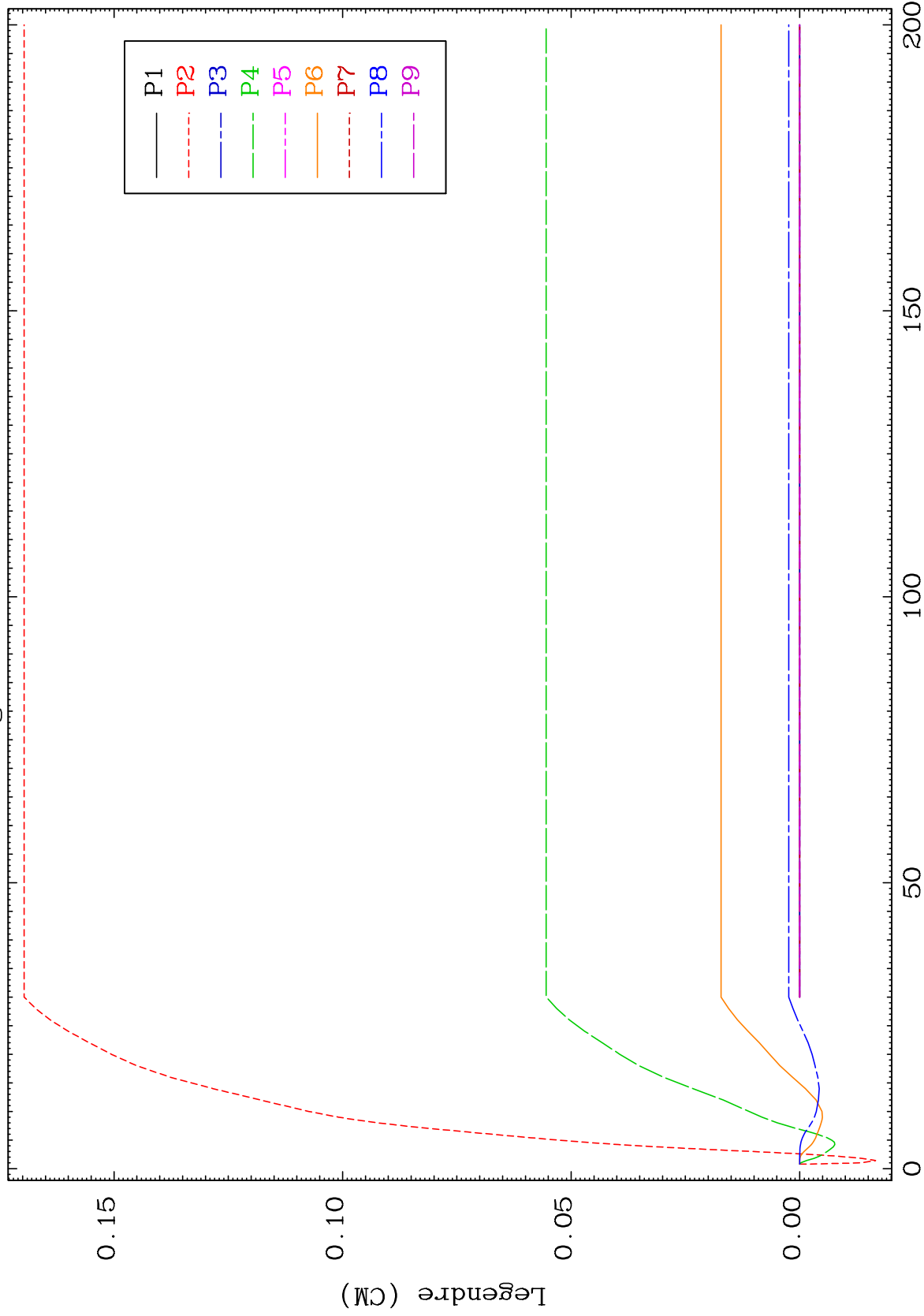
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

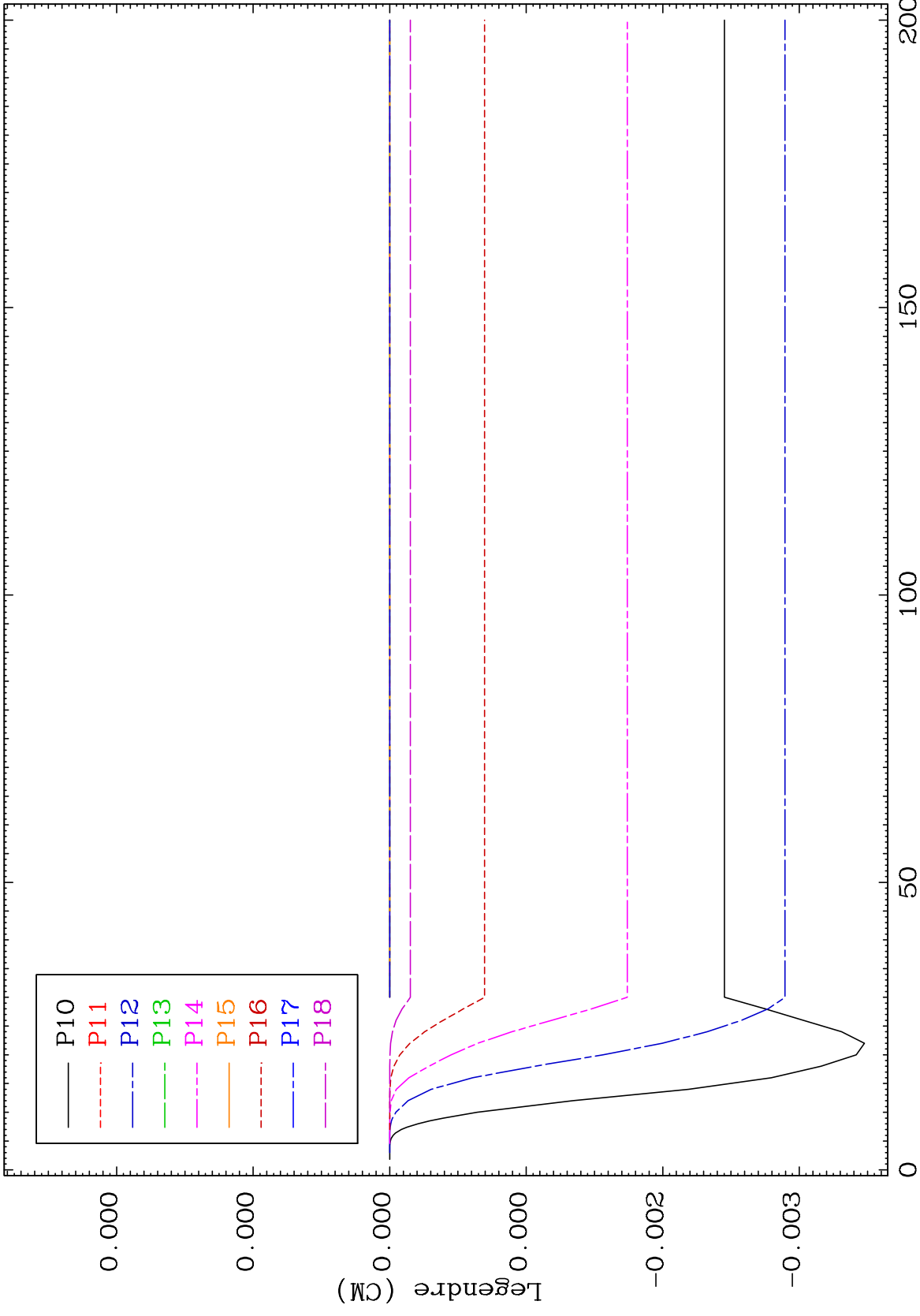
59-Pr-146



115

Incident Energy (MeV)

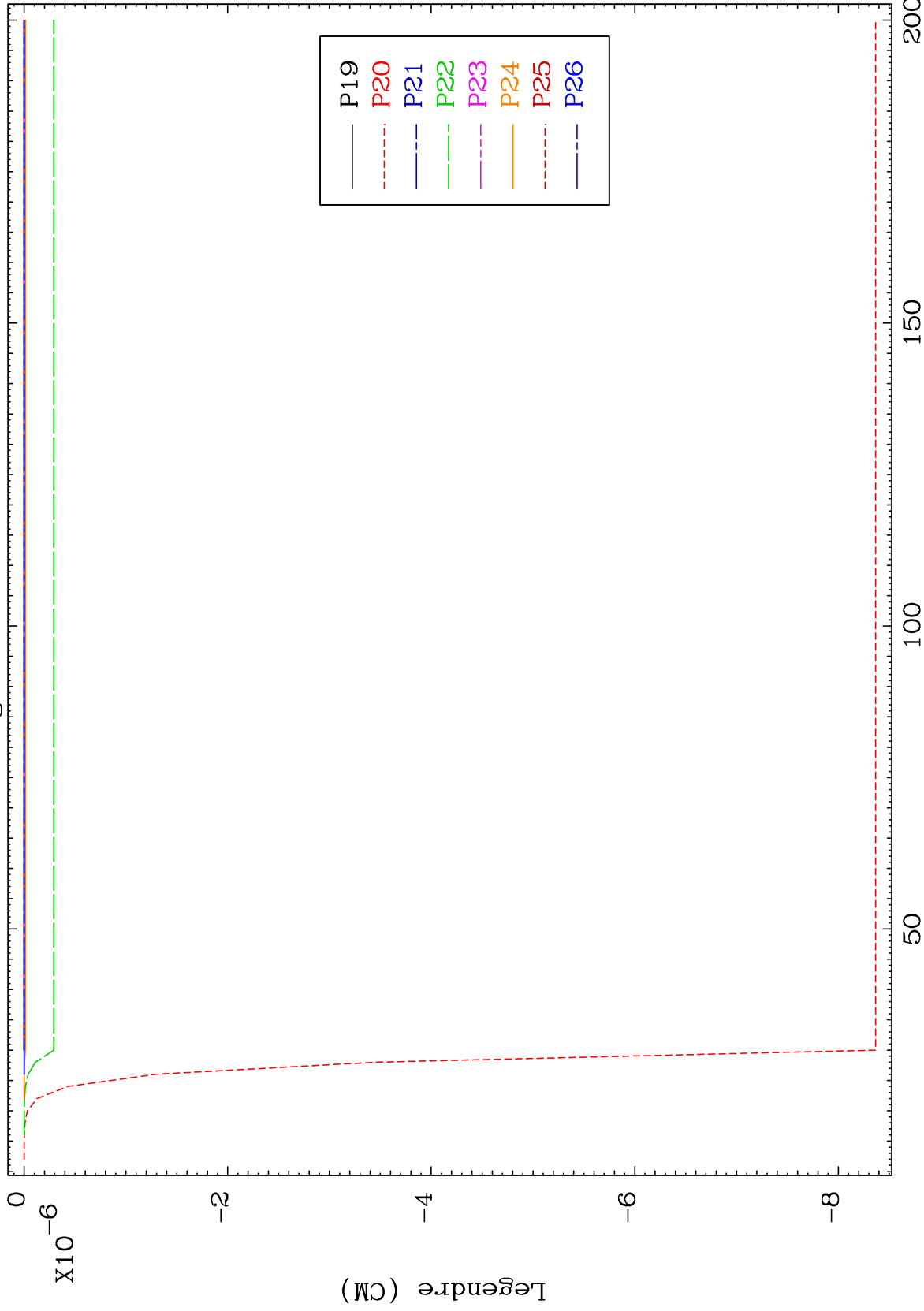
59-Pr-146



MAT 5940

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

59-Pr-146



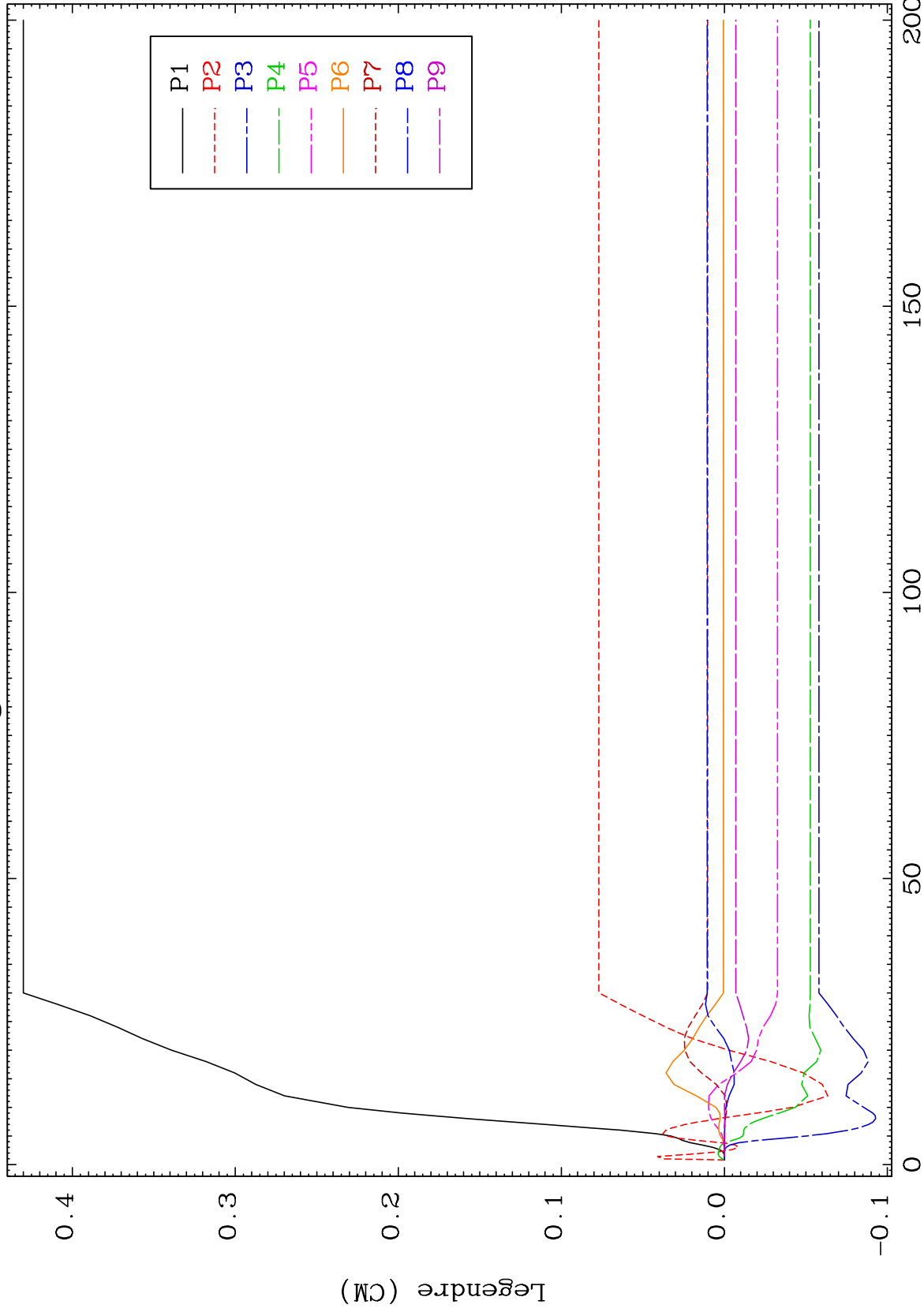
117

59-Pr-146

MAT 5940

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

59-Pr-146



118

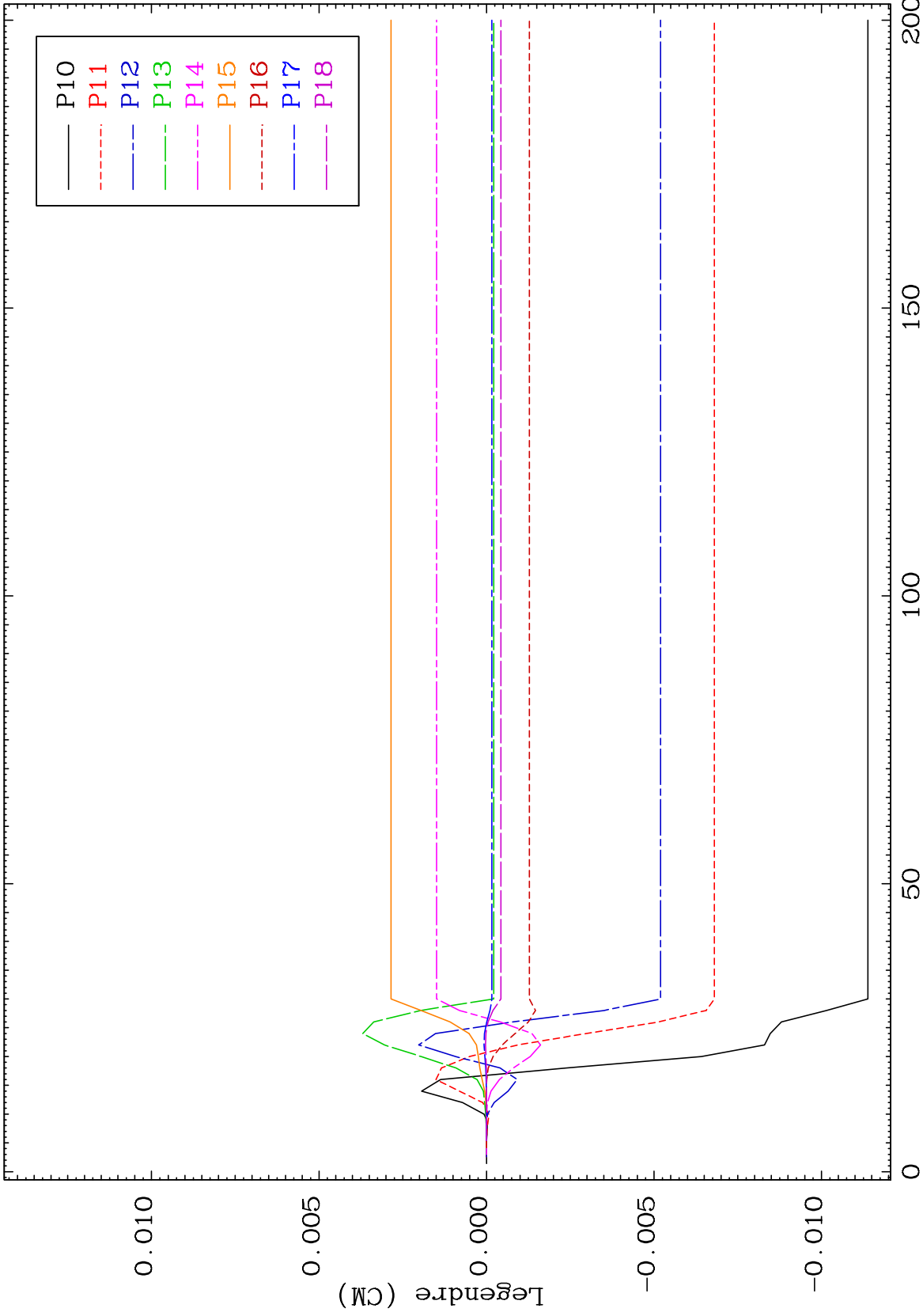
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



119

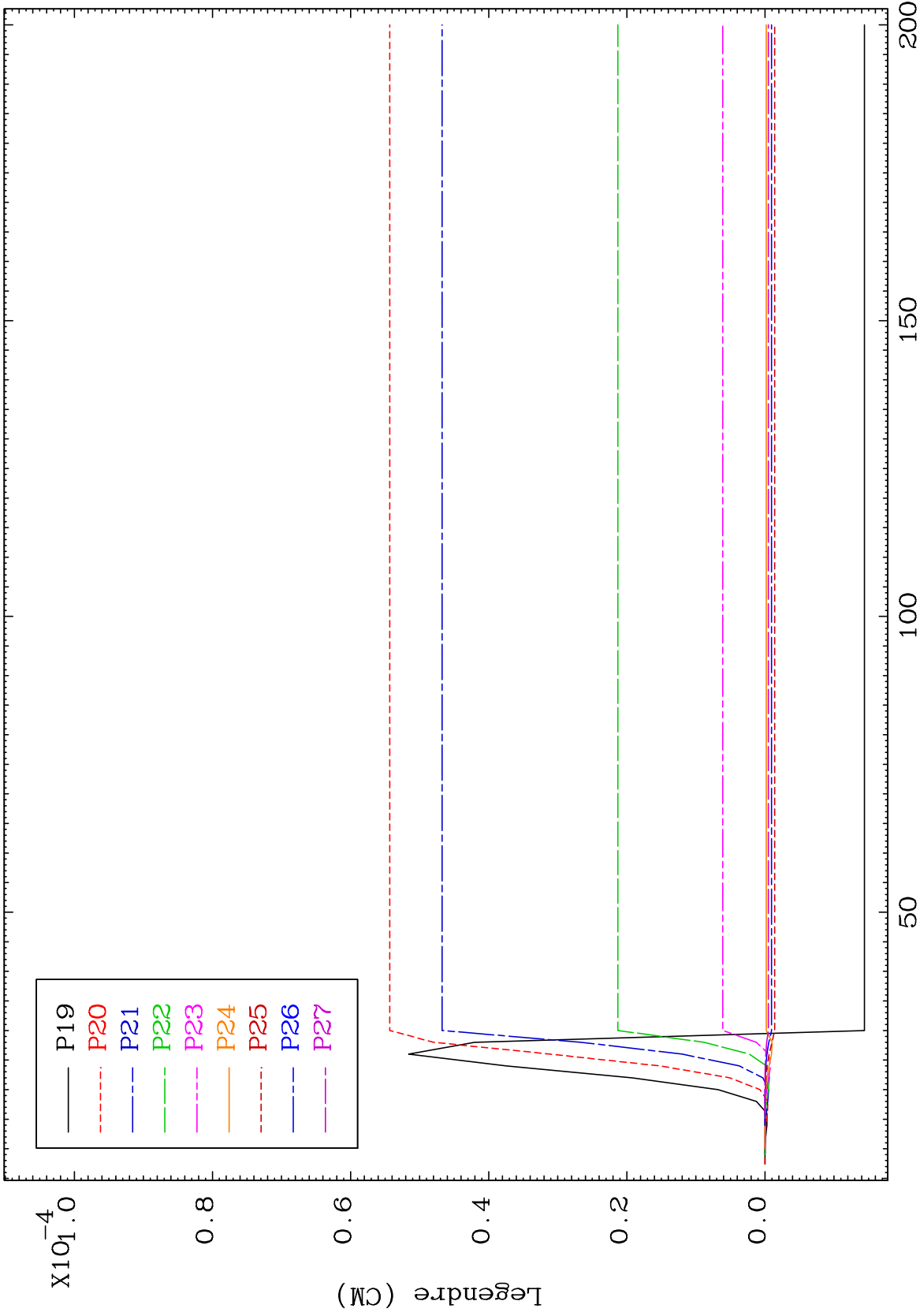
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



120

Incident Energy (MeV)

50

100

150

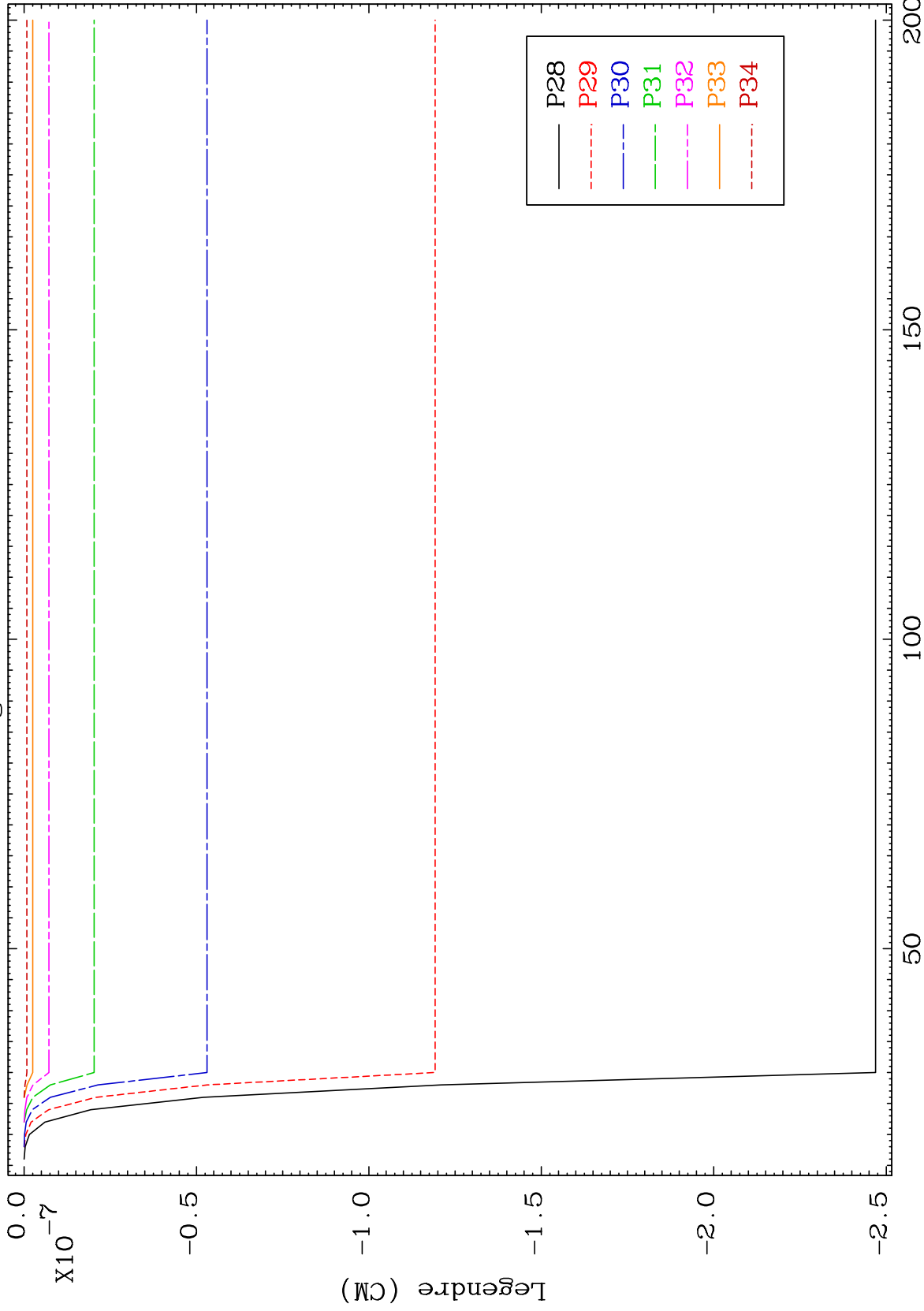
200

59-Pr-146

MAT 5940

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

59-Pr-146



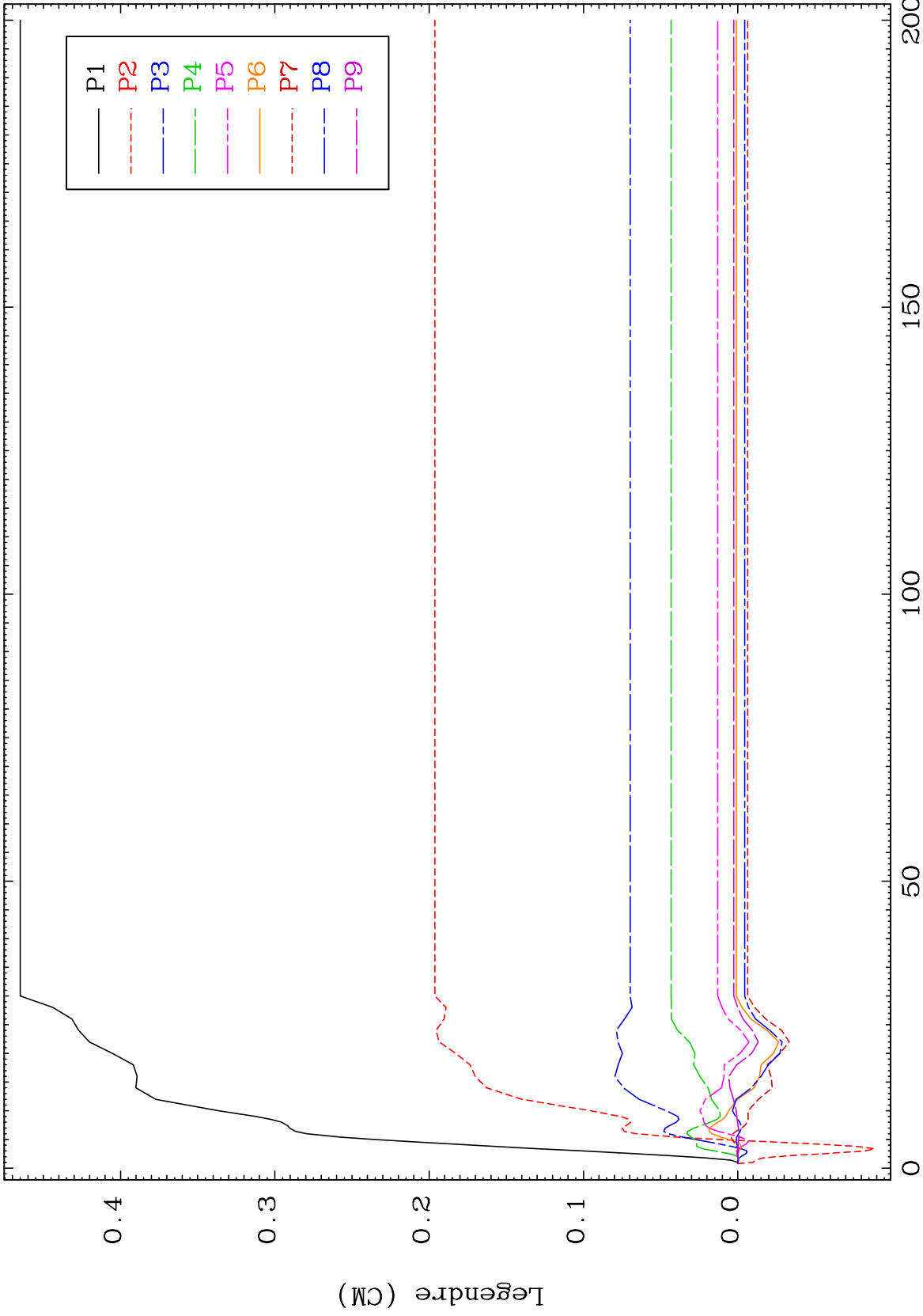
121

59-Pr-146

MAT 5940

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

59-Pr-146



122

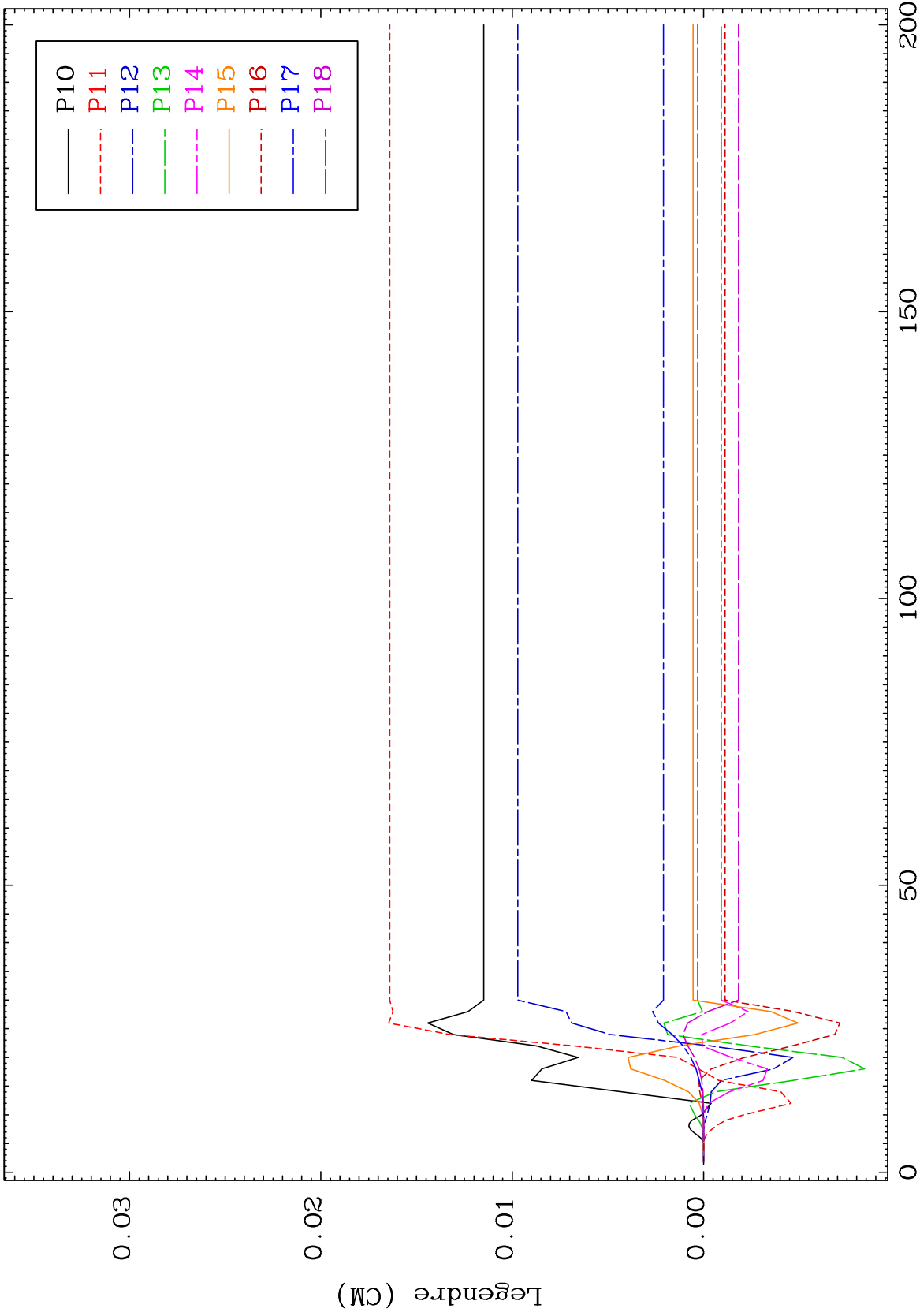
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

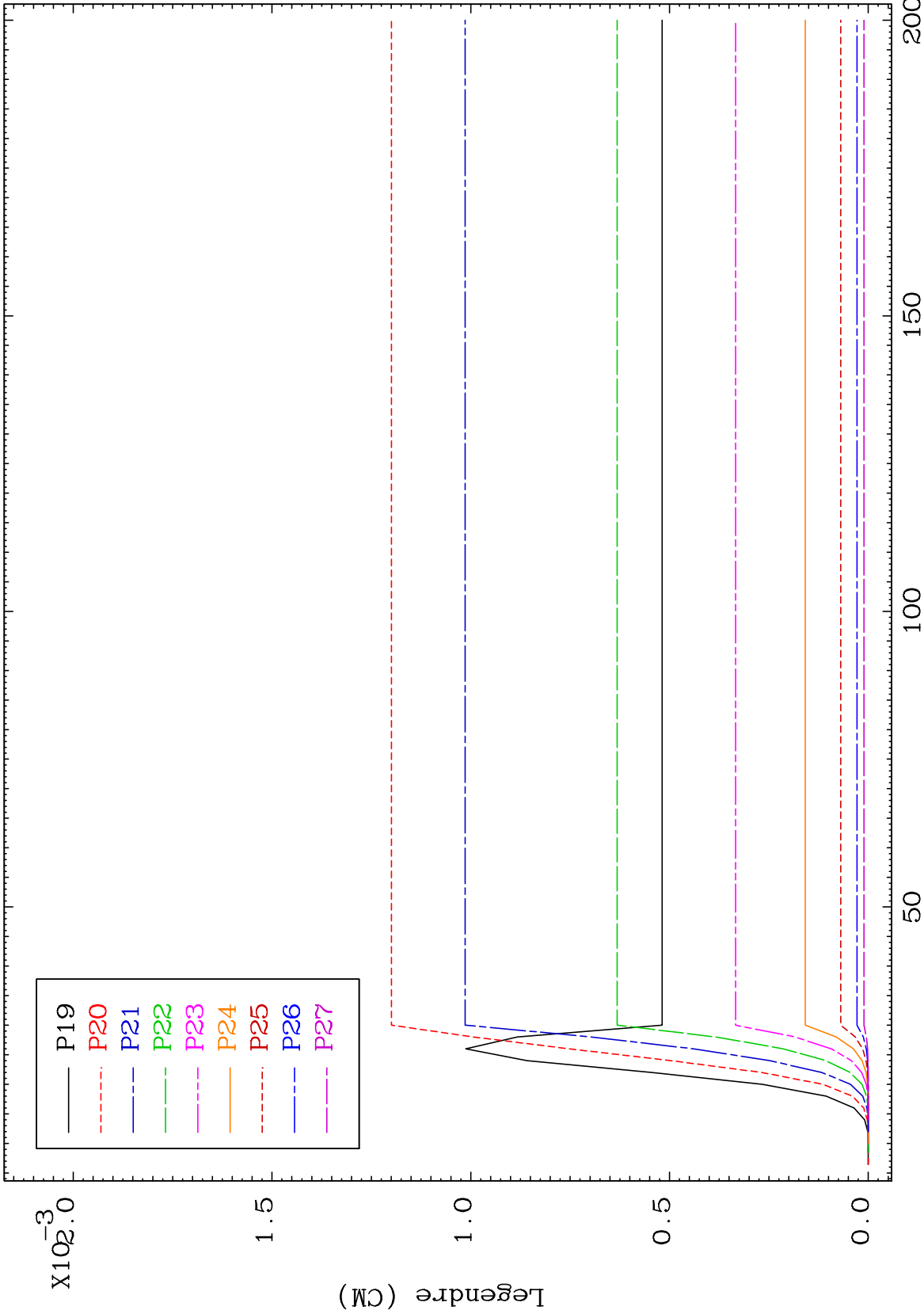
59-Pr-146



123

Incident Energy (MeV)

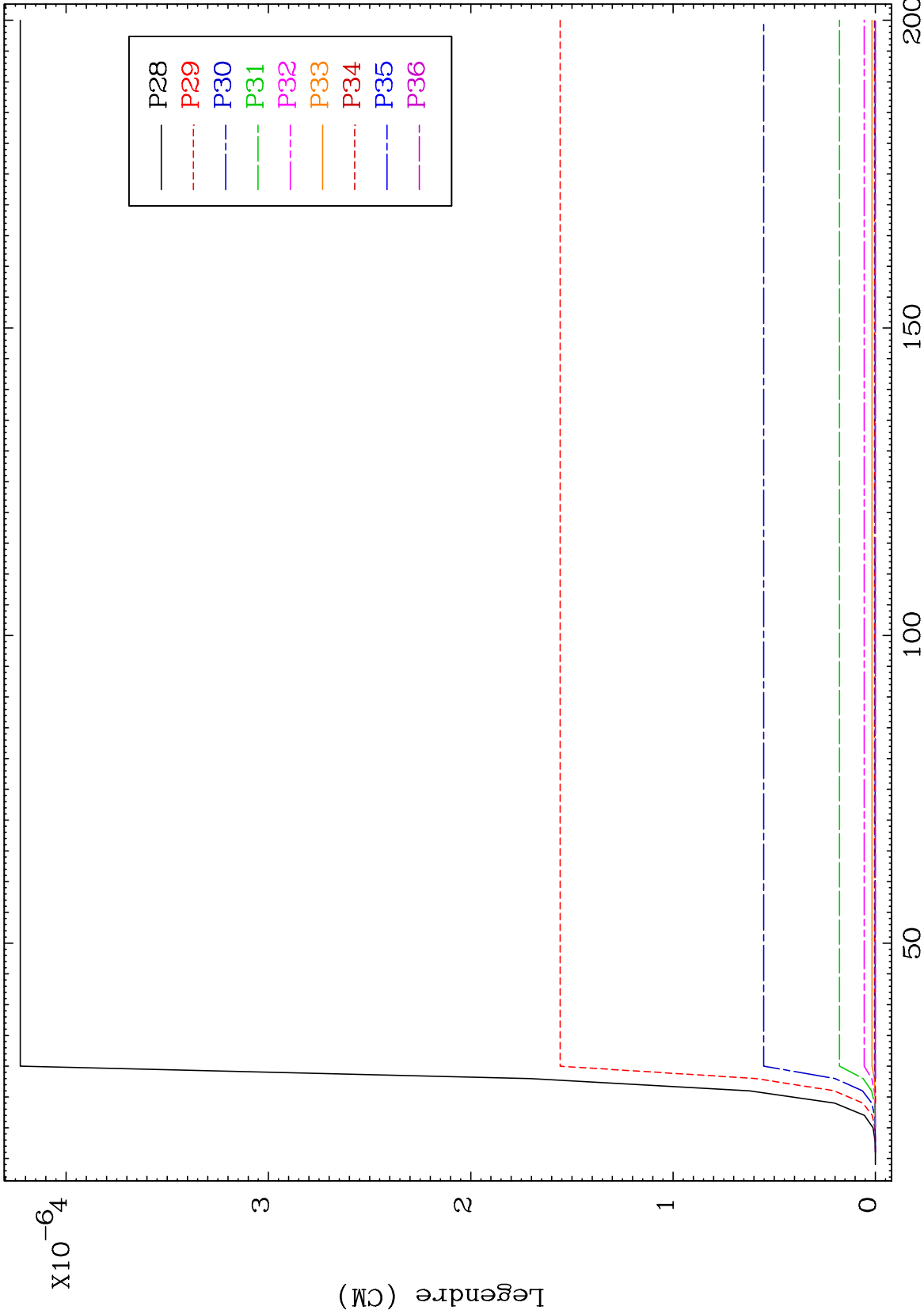
59-Pr-146



MAT 5940

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

59-Pr-146



125

Incident Energy (MeV)

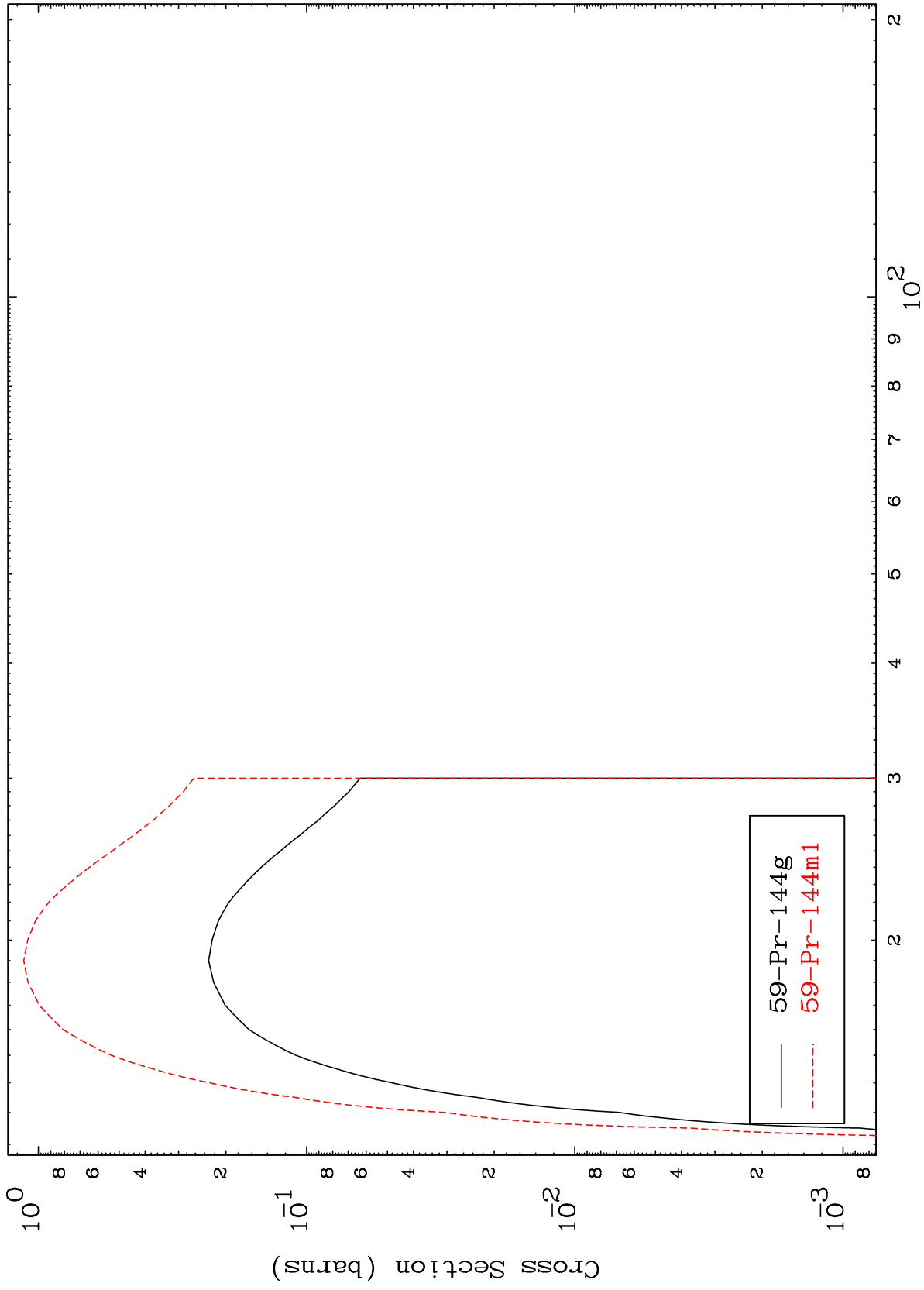
59-Pr-146

MAT 5940

(n,3n)

59-Pr-146

Radionuclide Production Cross Section



126

Incident Energy (MeV)

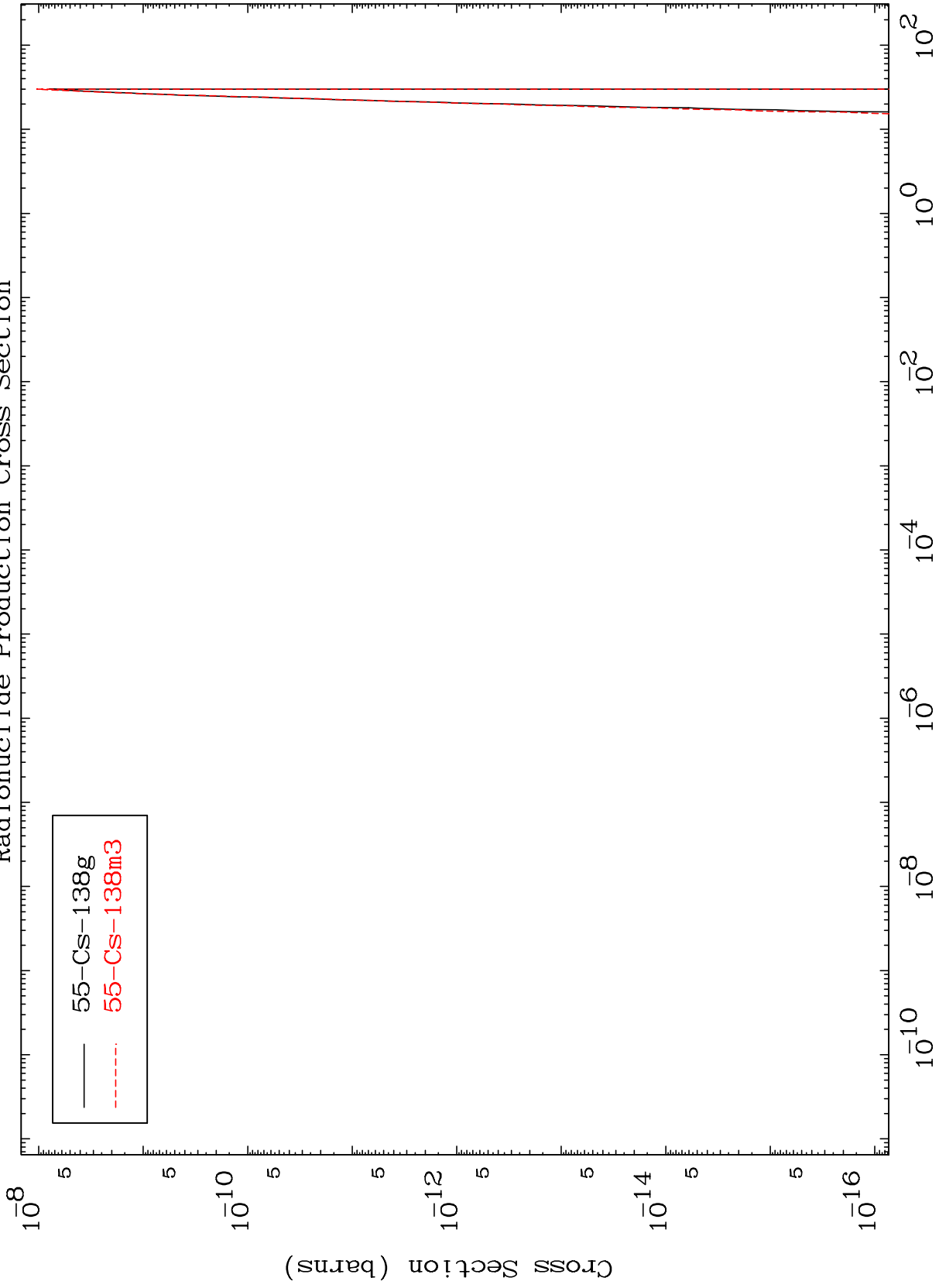
59-Pr-146

MAT 5940

(n,n') 2 α

59-Pr-146

Radionuclide Production Cross Section



127

Incident Energy (MeV)

59-Pr-146