

Program EVALPLOT
(Version 2018-1)

by

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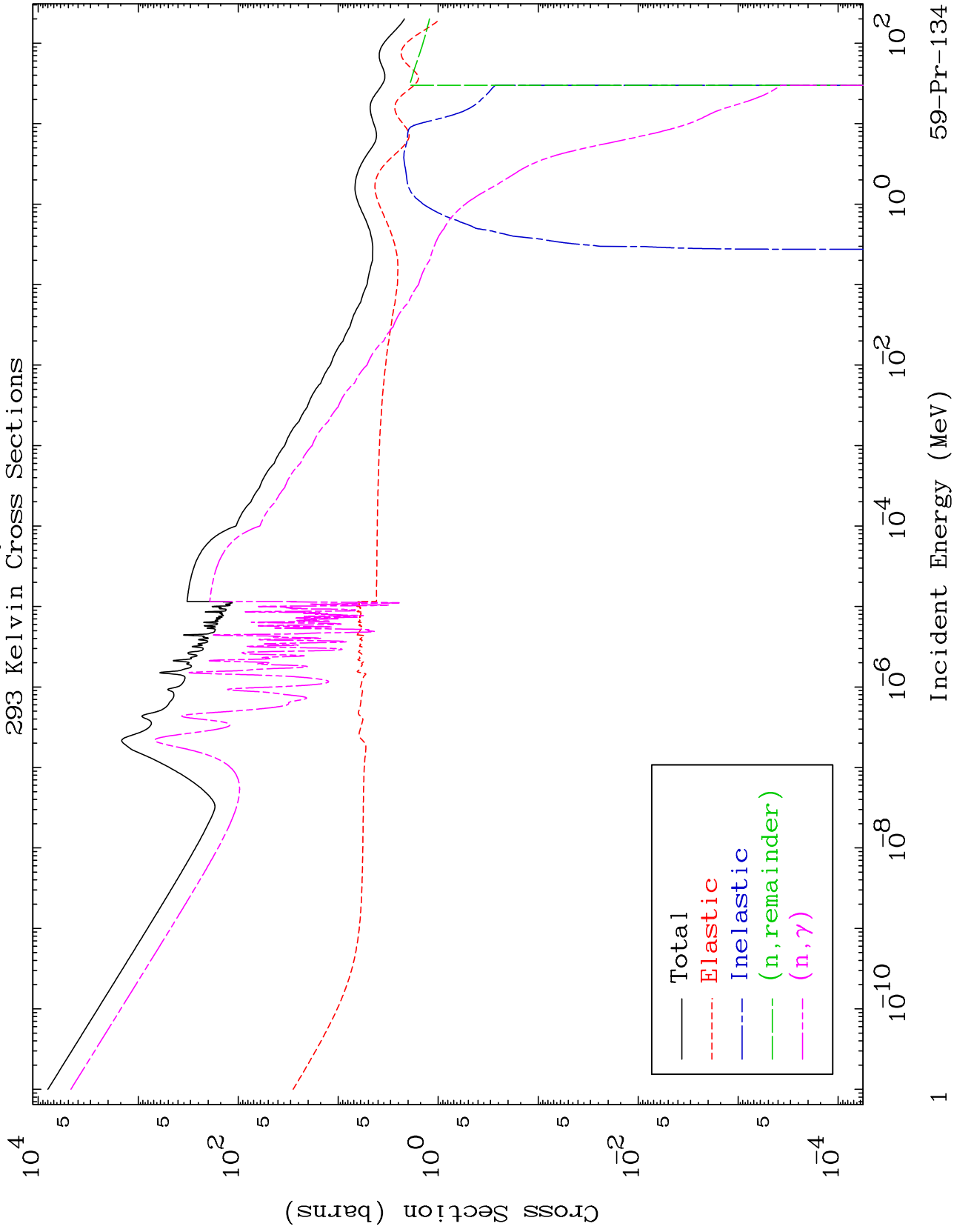
Press Mouse Button to Start

MAT 5904

Major

293 Kelvin Cross Sections

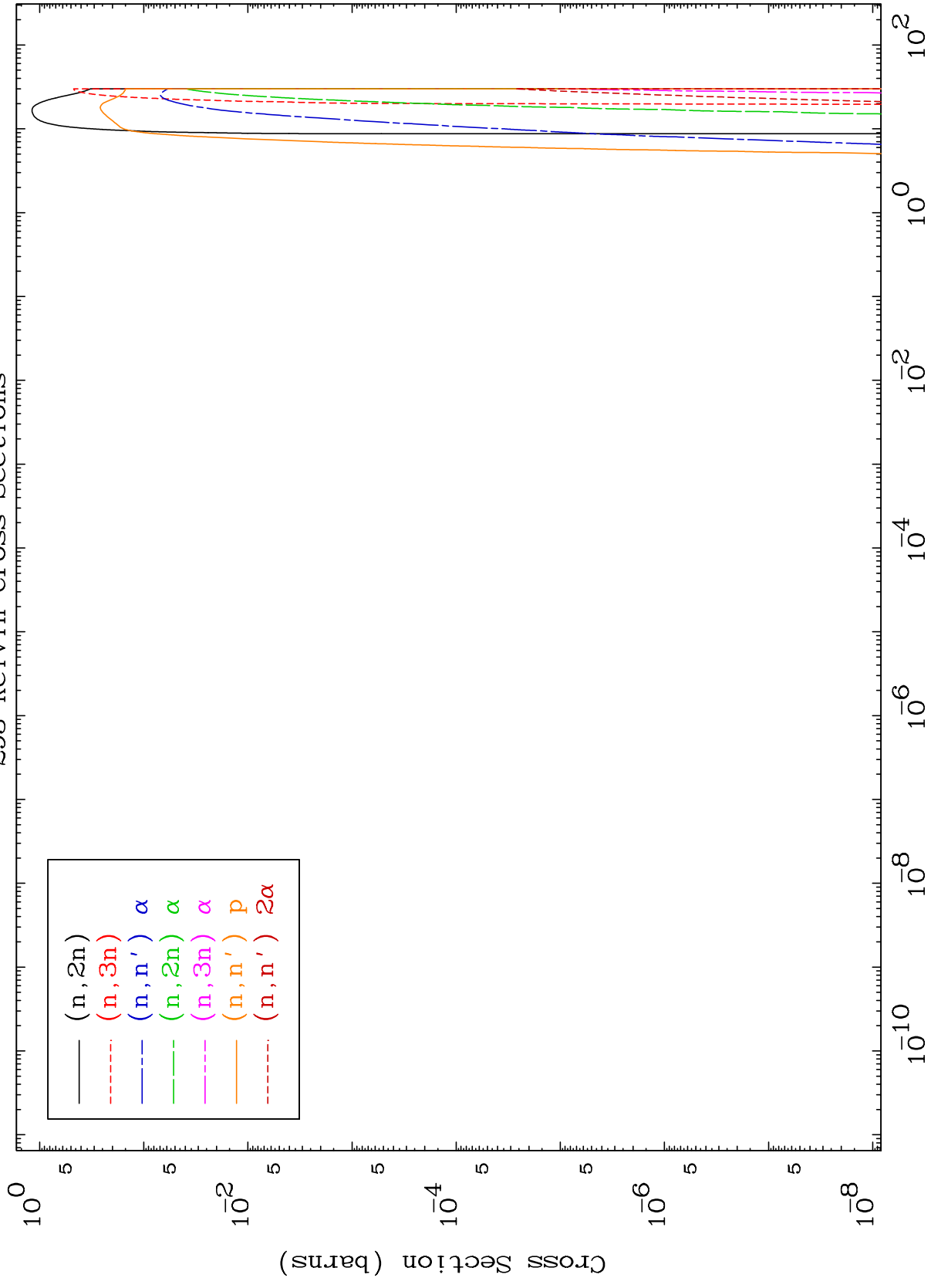
59-Pr-134



MAT 5904

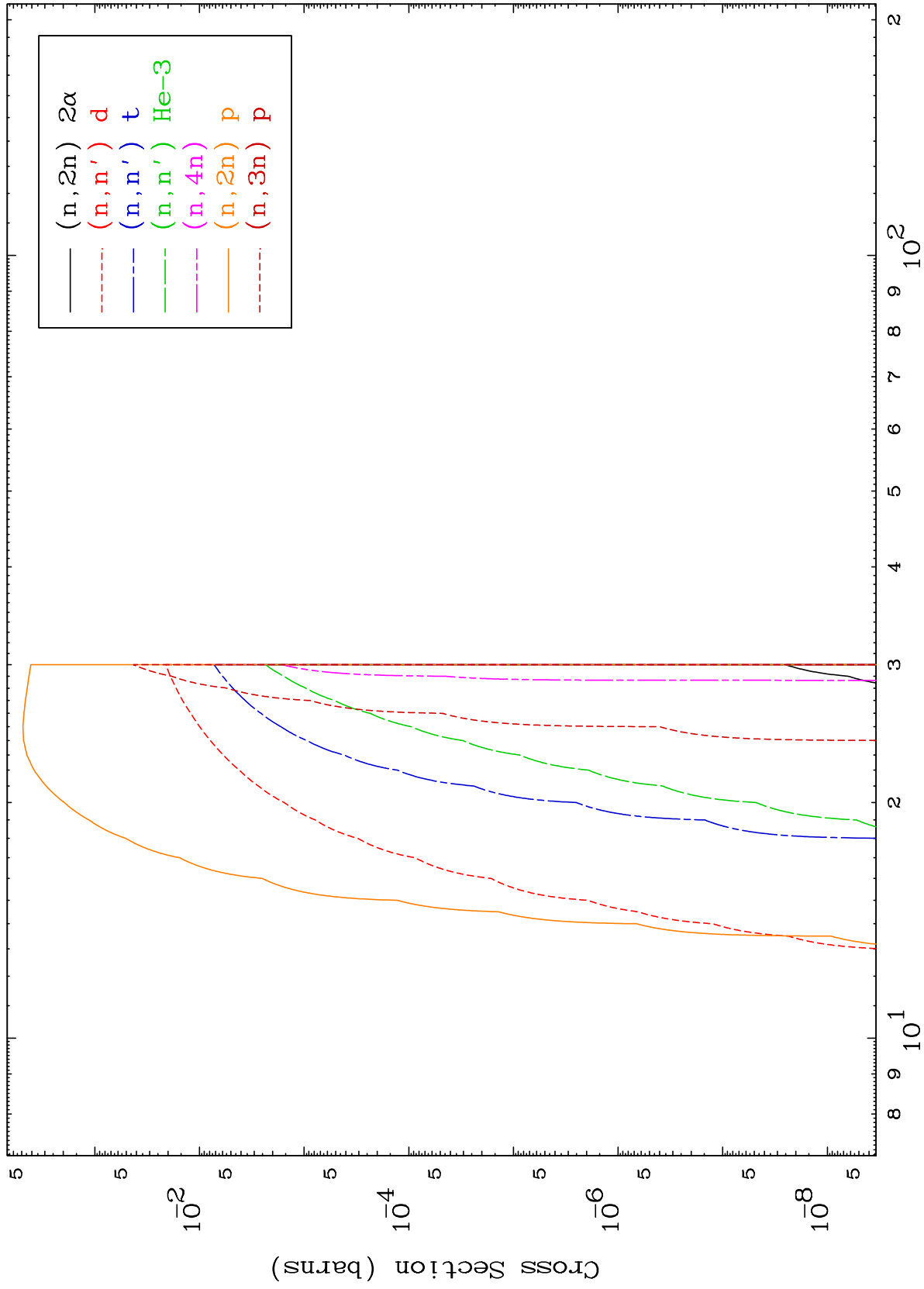
Neutron Production
293 Kelvin Cross Sections

59-Pr-134



2

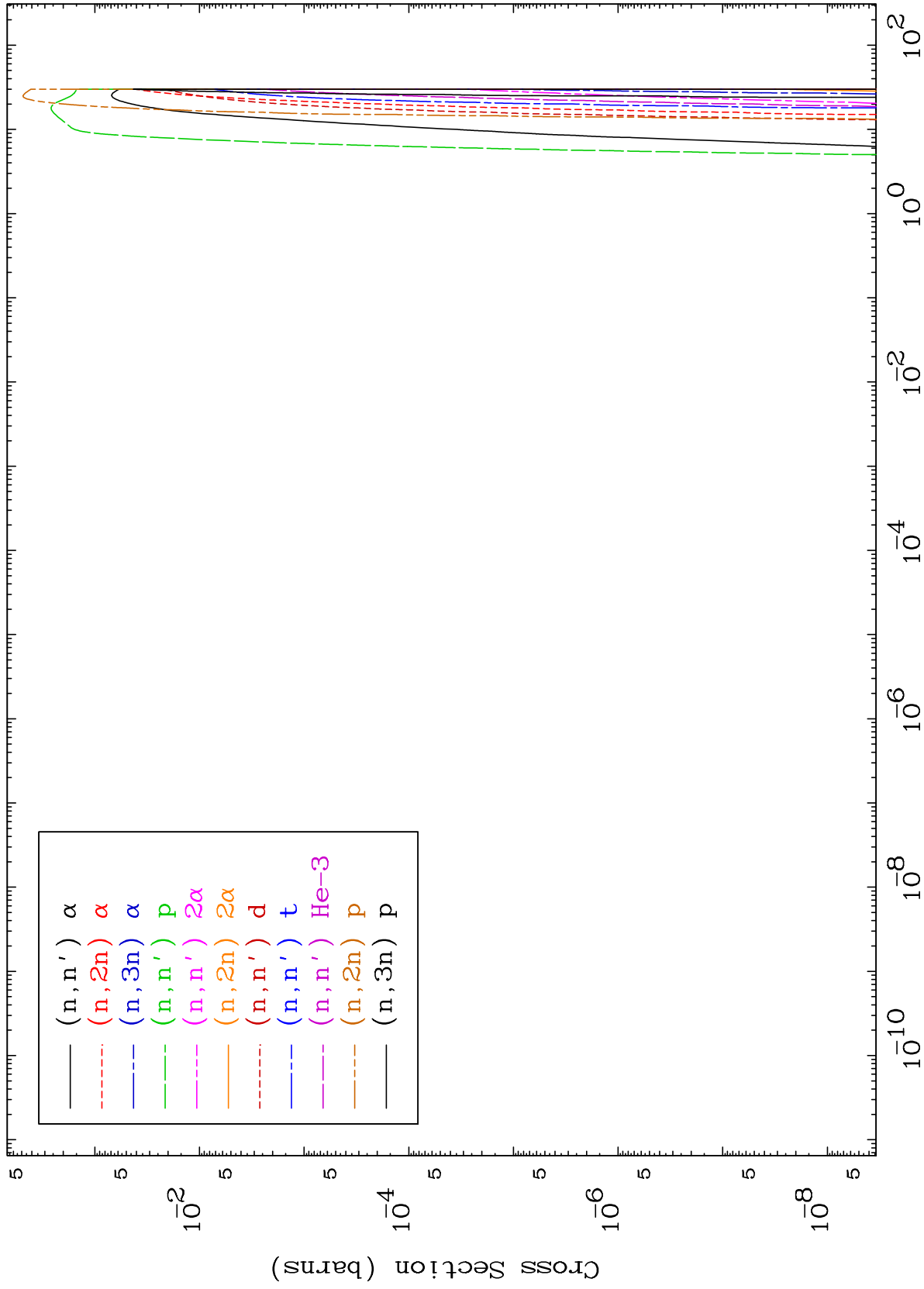
59-Pr-134

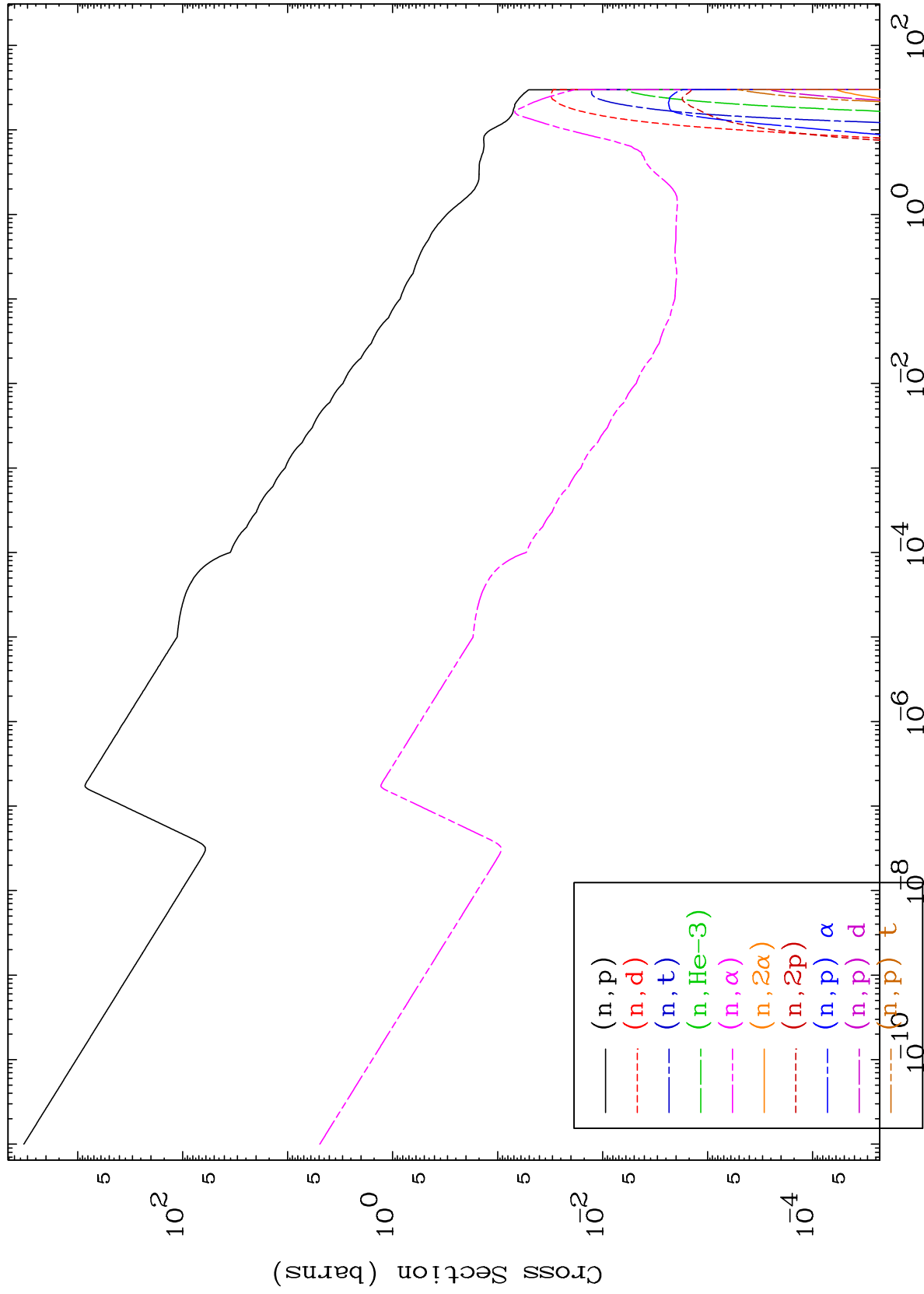


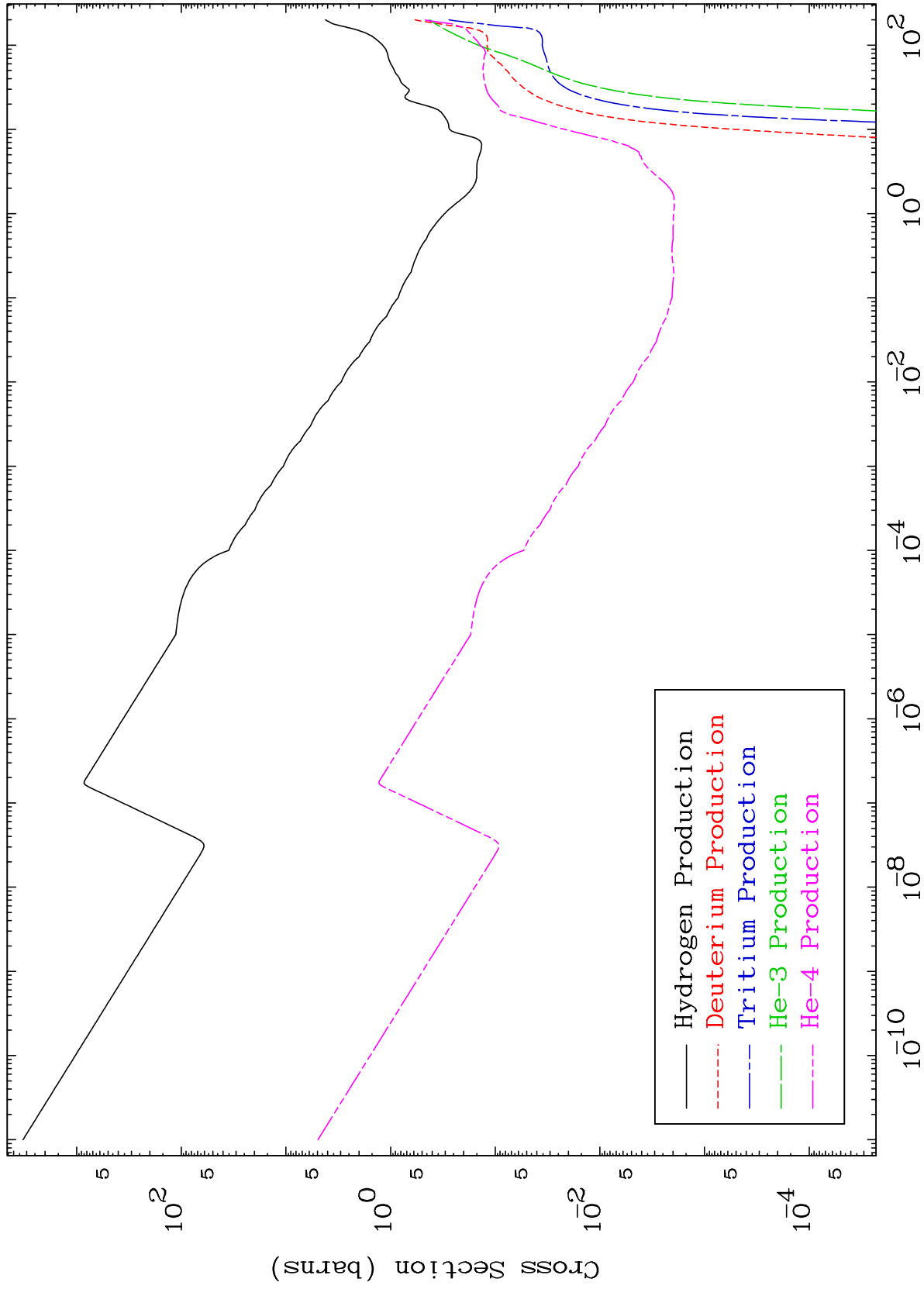
MAT 5904

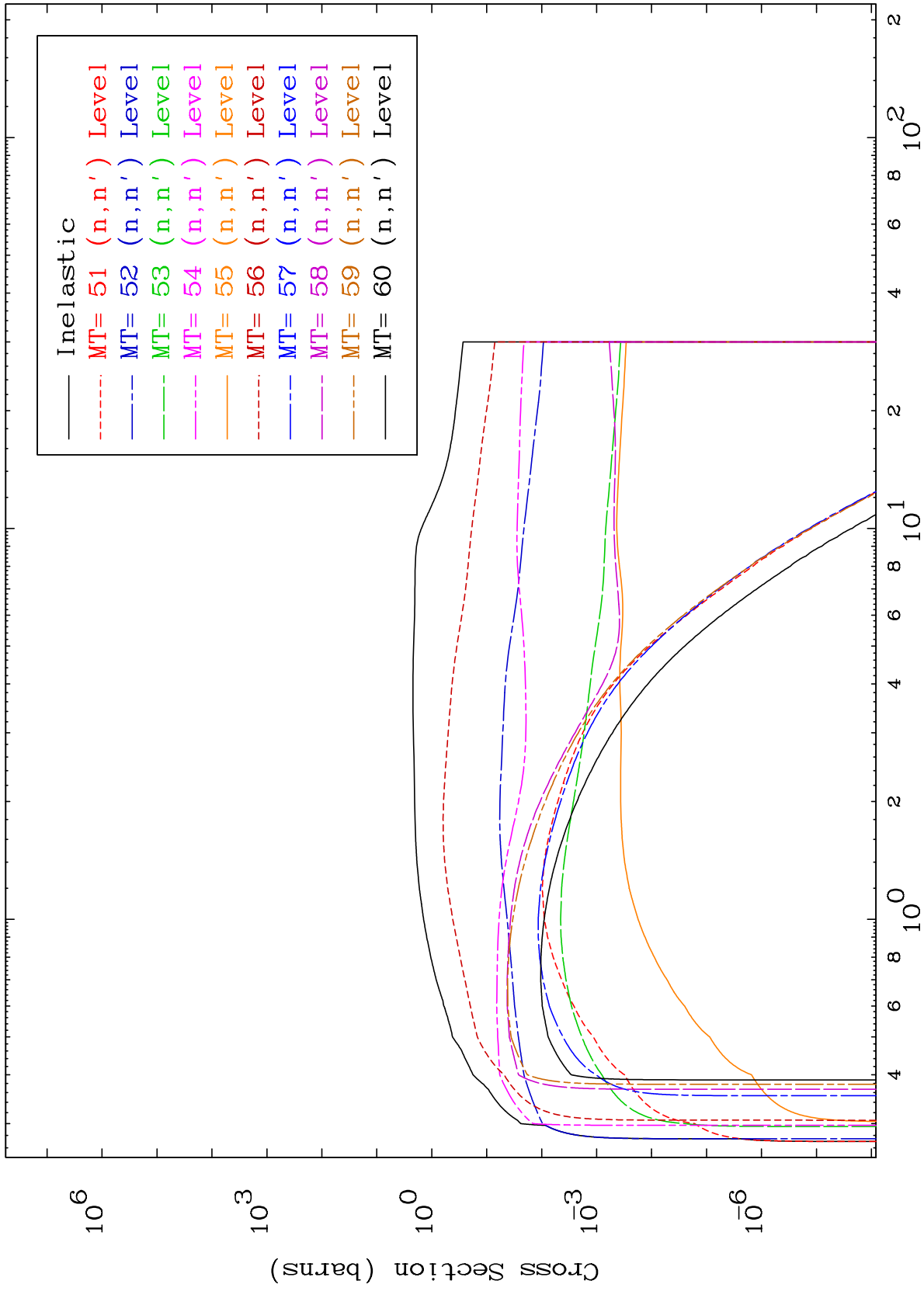
Charged Particle
293 Kelvin Cross Sections

59-Pr-134







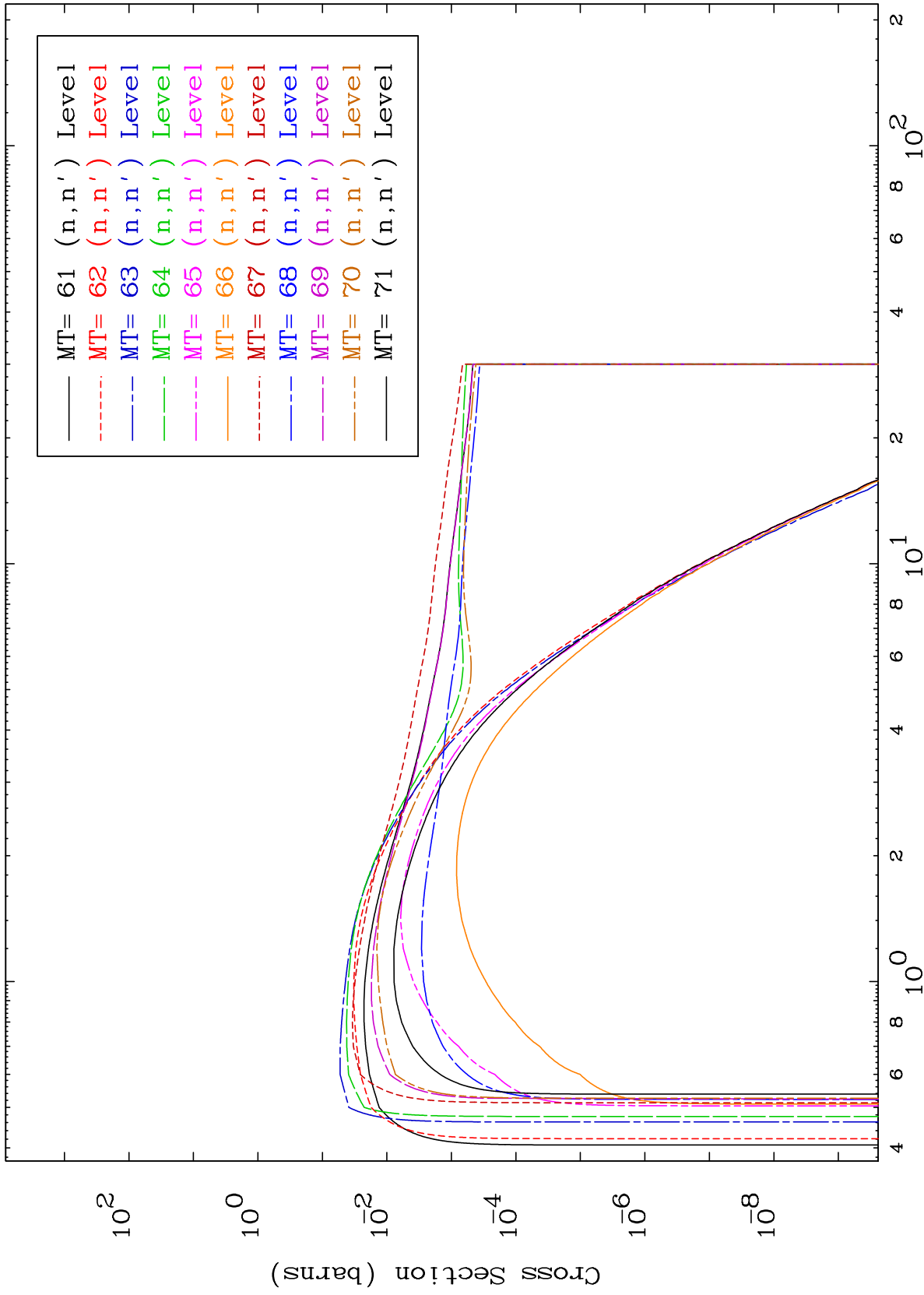


MAT 5904

(n,n') Level

59-Pr-134

293 Kelvin Cross Sections

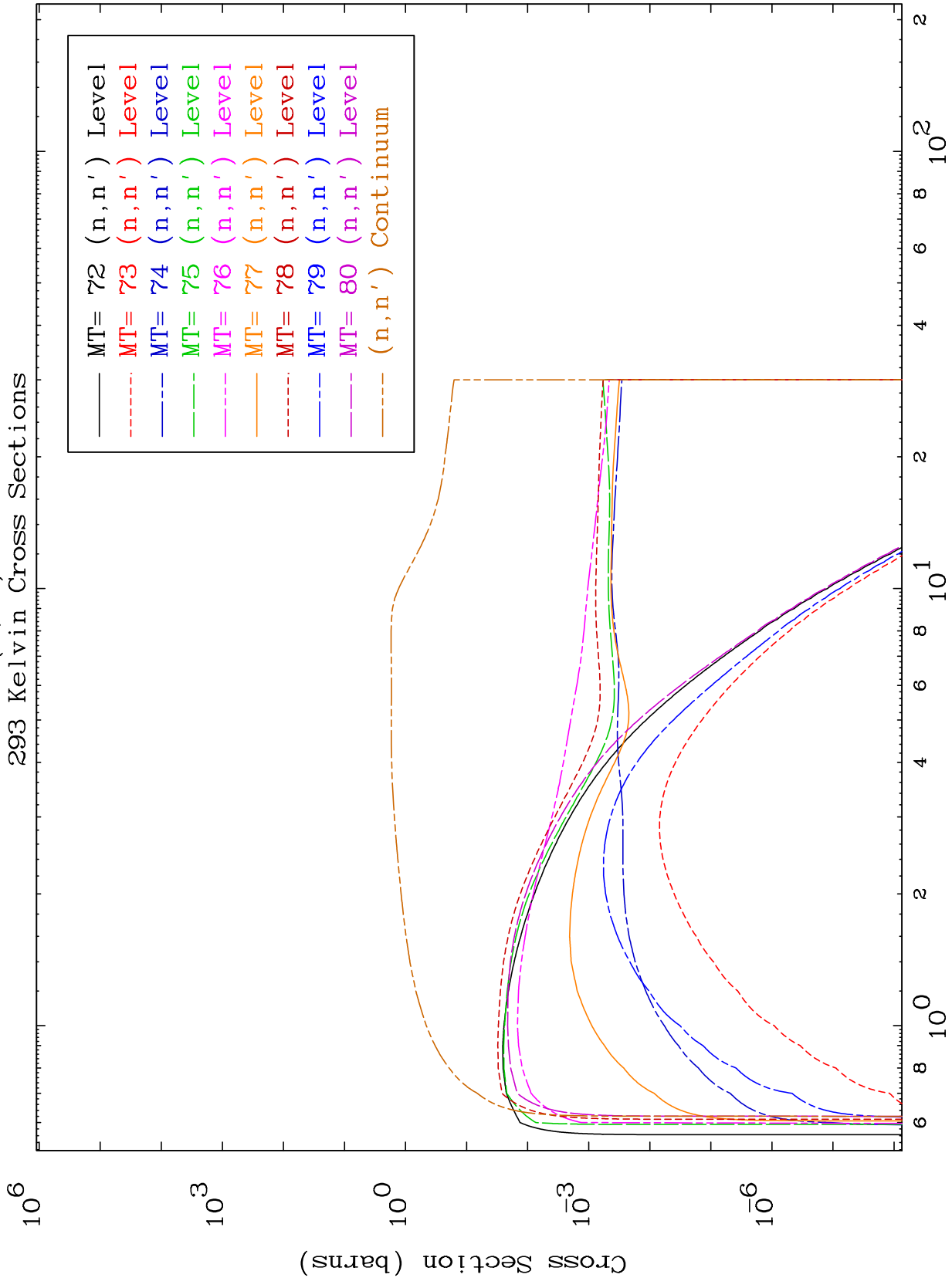


8

Incident Energy (MeV)

59-Pr-134

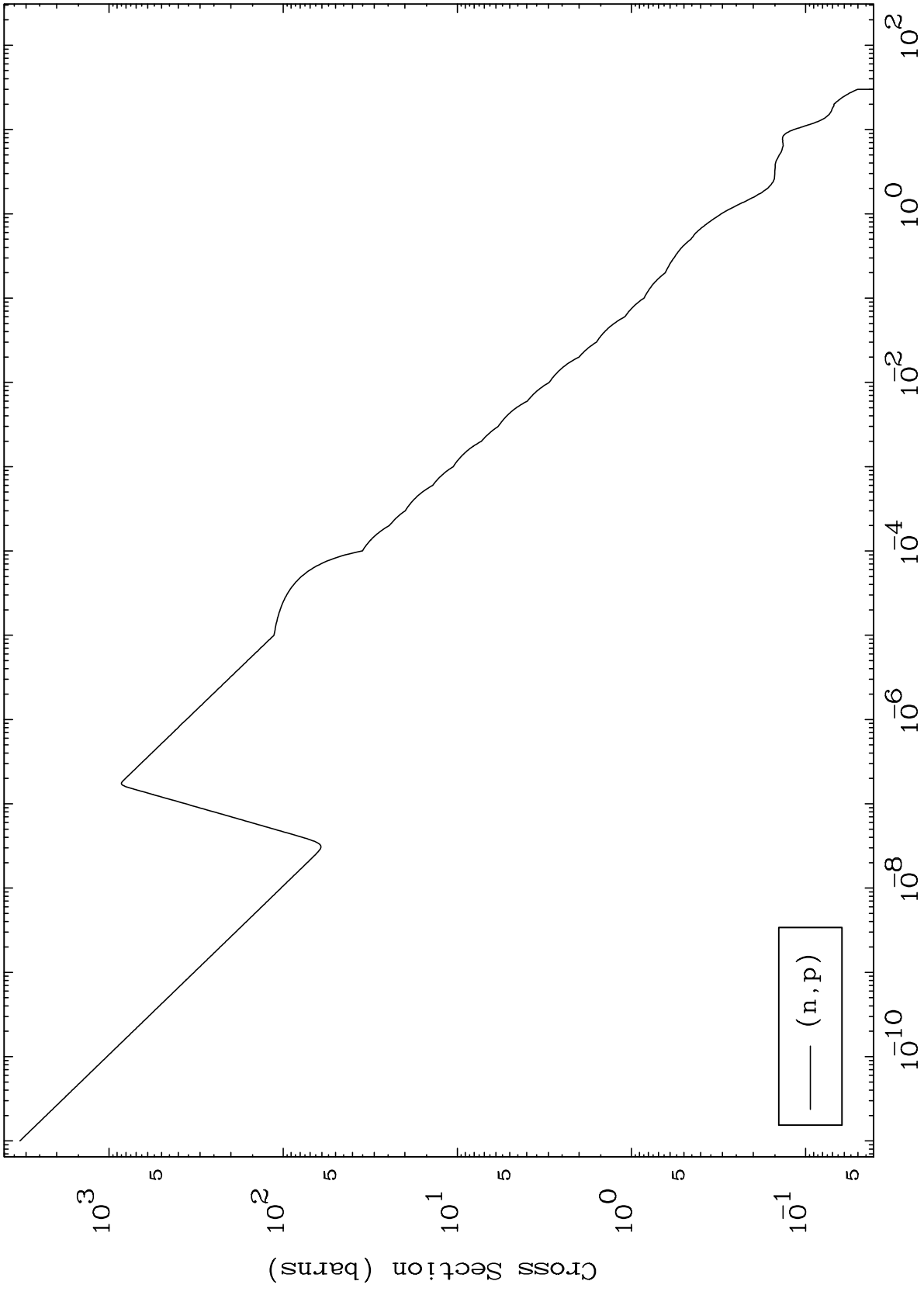
293 Kelvin Cross Sections



MAT 5904

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-134



10

Incident Energy (MeV)

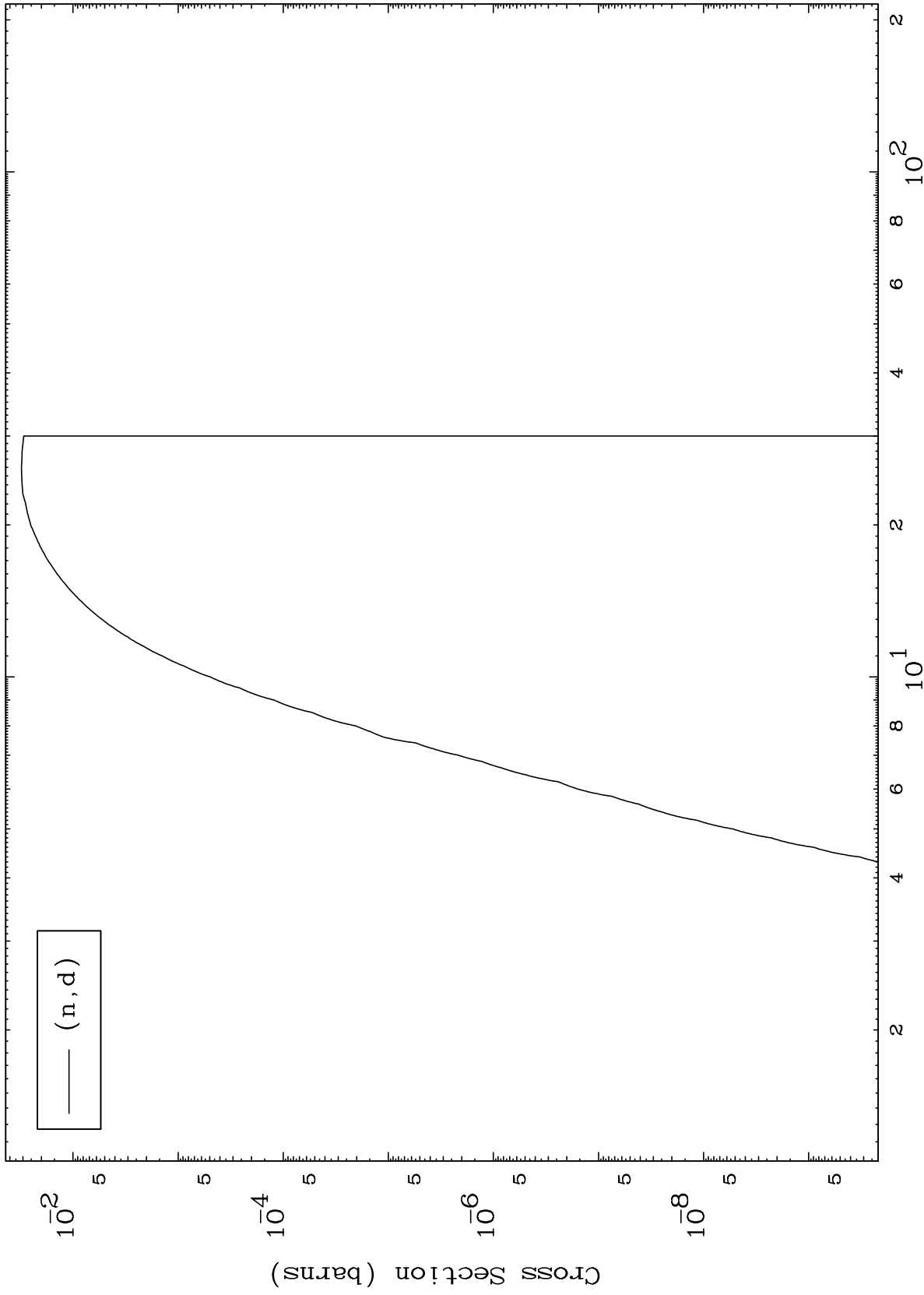
59-Pr-134

— (n, p)

MAT 5904

(n,d) Levels
293 Kelvin Cross Sections

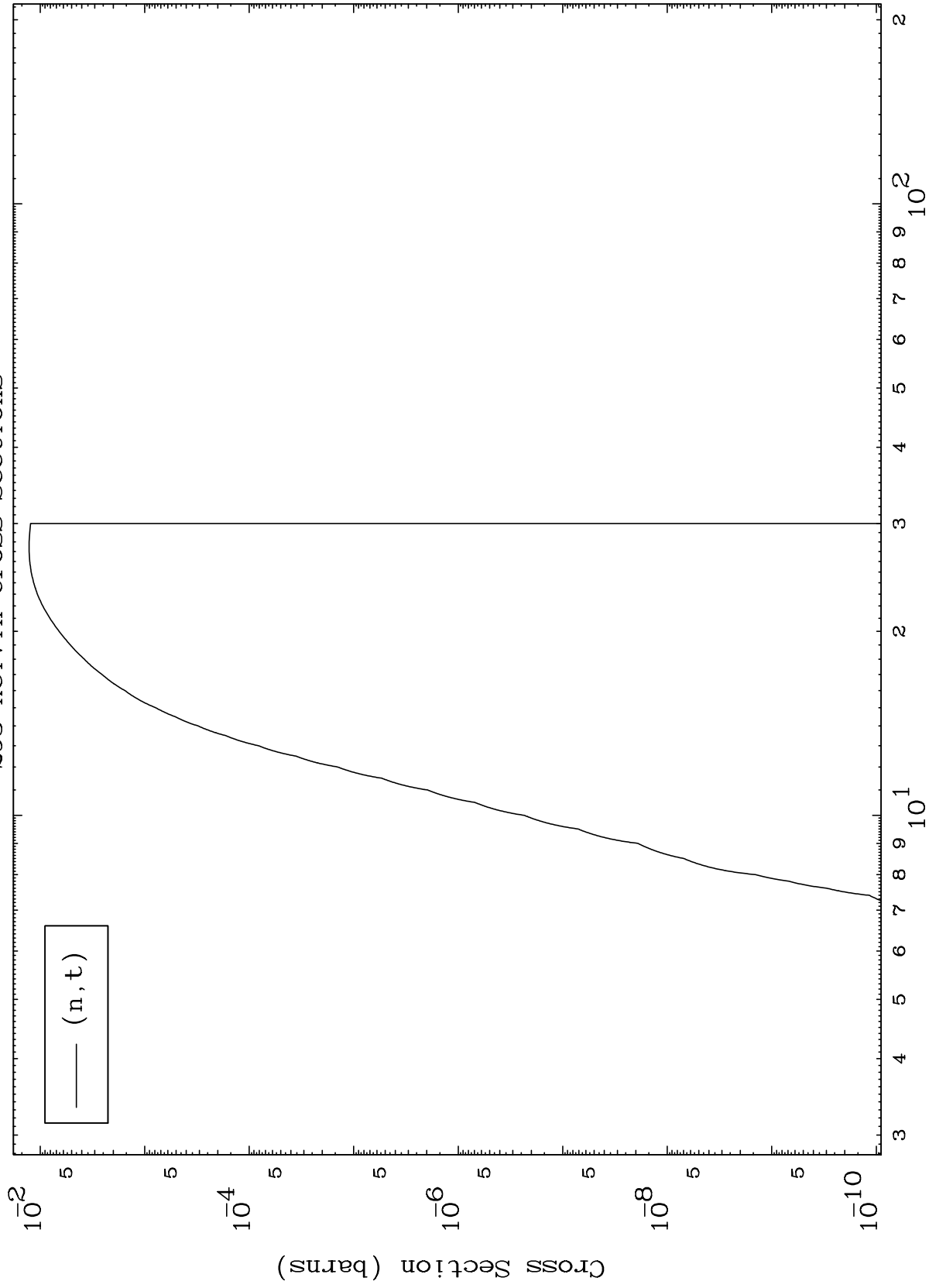
59-Pr-134



MAT 5904

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-134



12

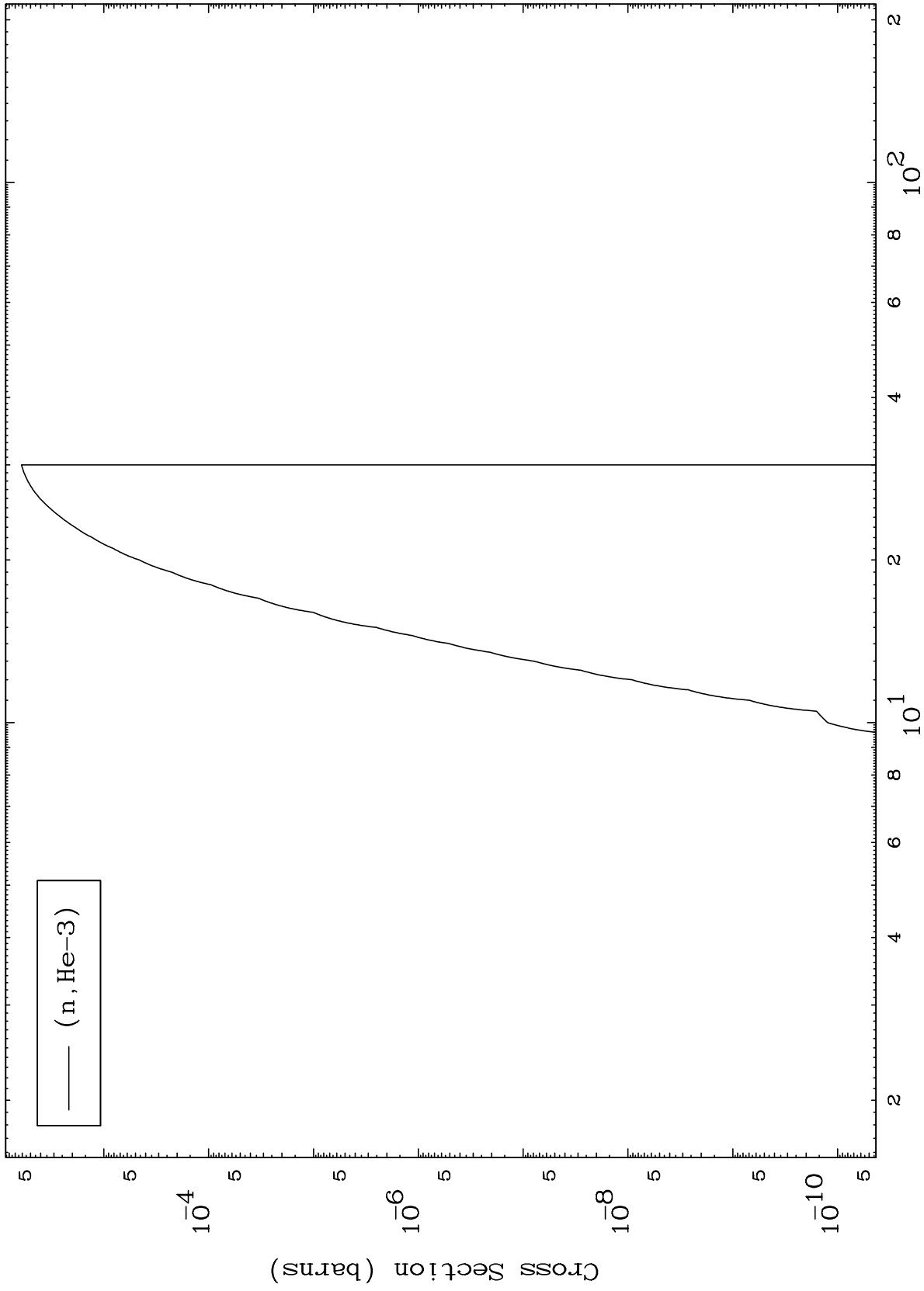
Incident Energy (MeV)

59-Pr-134

MAT 5904

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-134



13

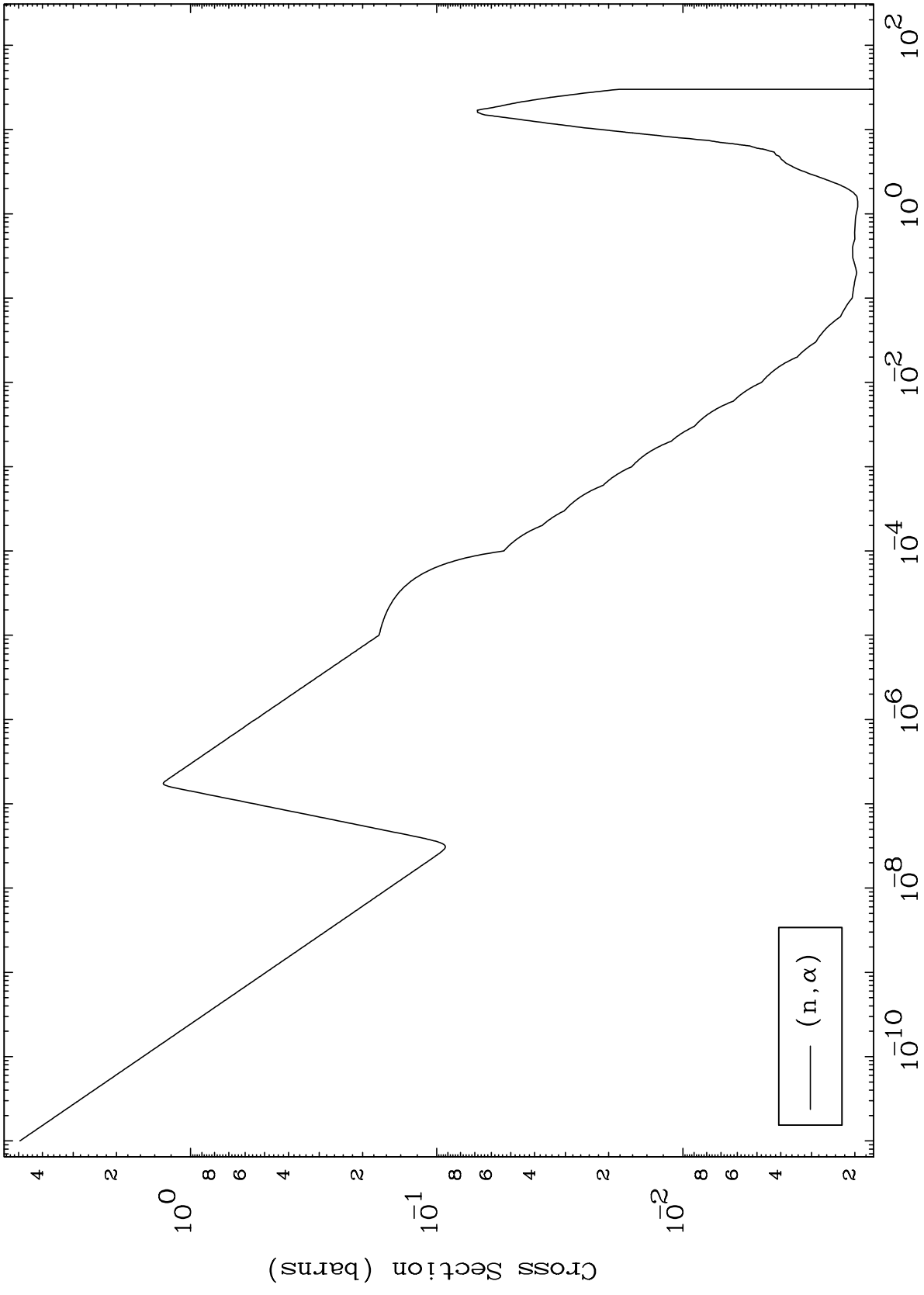
Incident Energy (MeV)

59-Pr-134

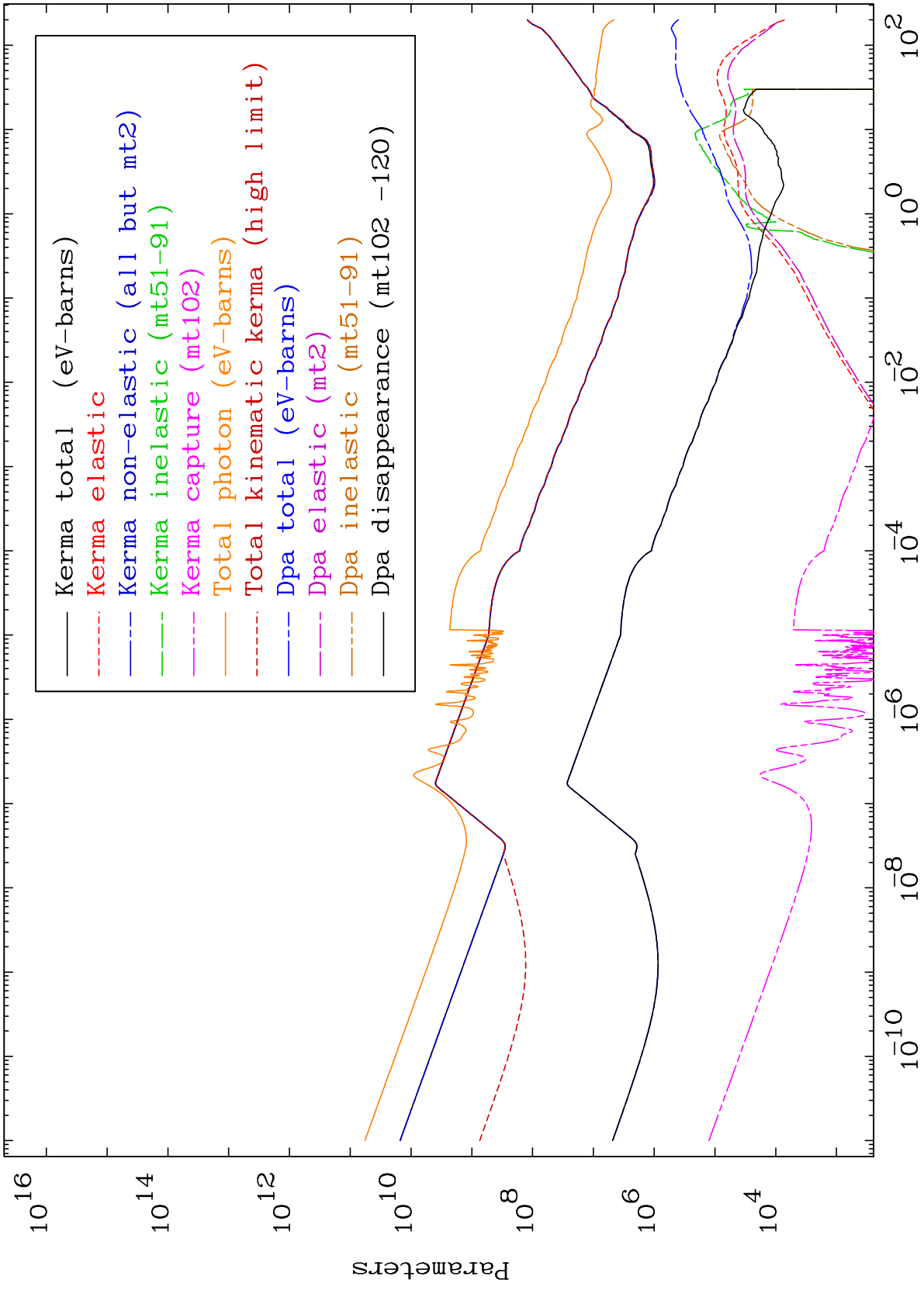
MAT 5904

(n,α) Levels
293 Kelvin Cross Sections

59-Pr-134



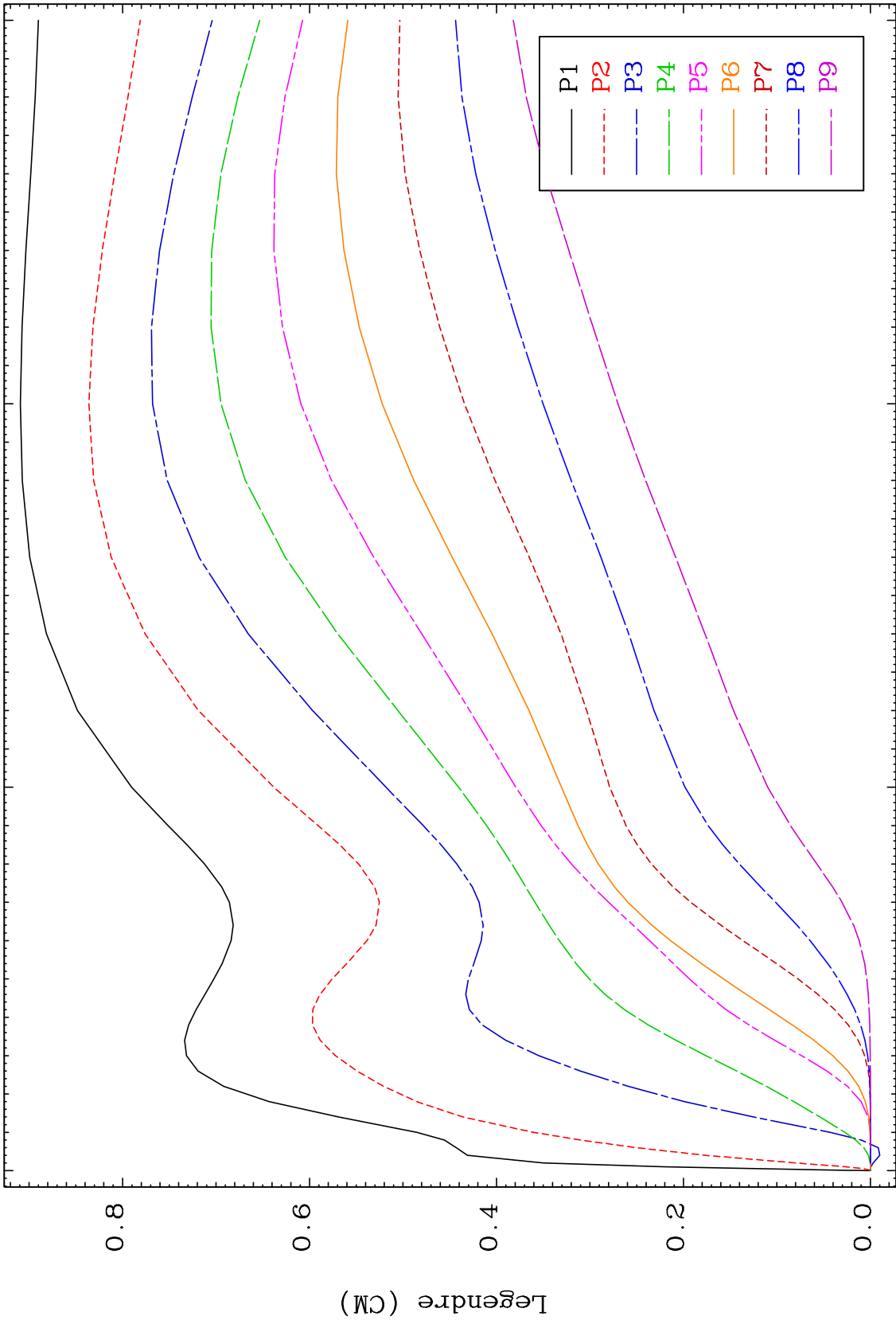
59-Pr-134



MAT 5904

Elastic Legendre Coefficients

59-Pr-134



16

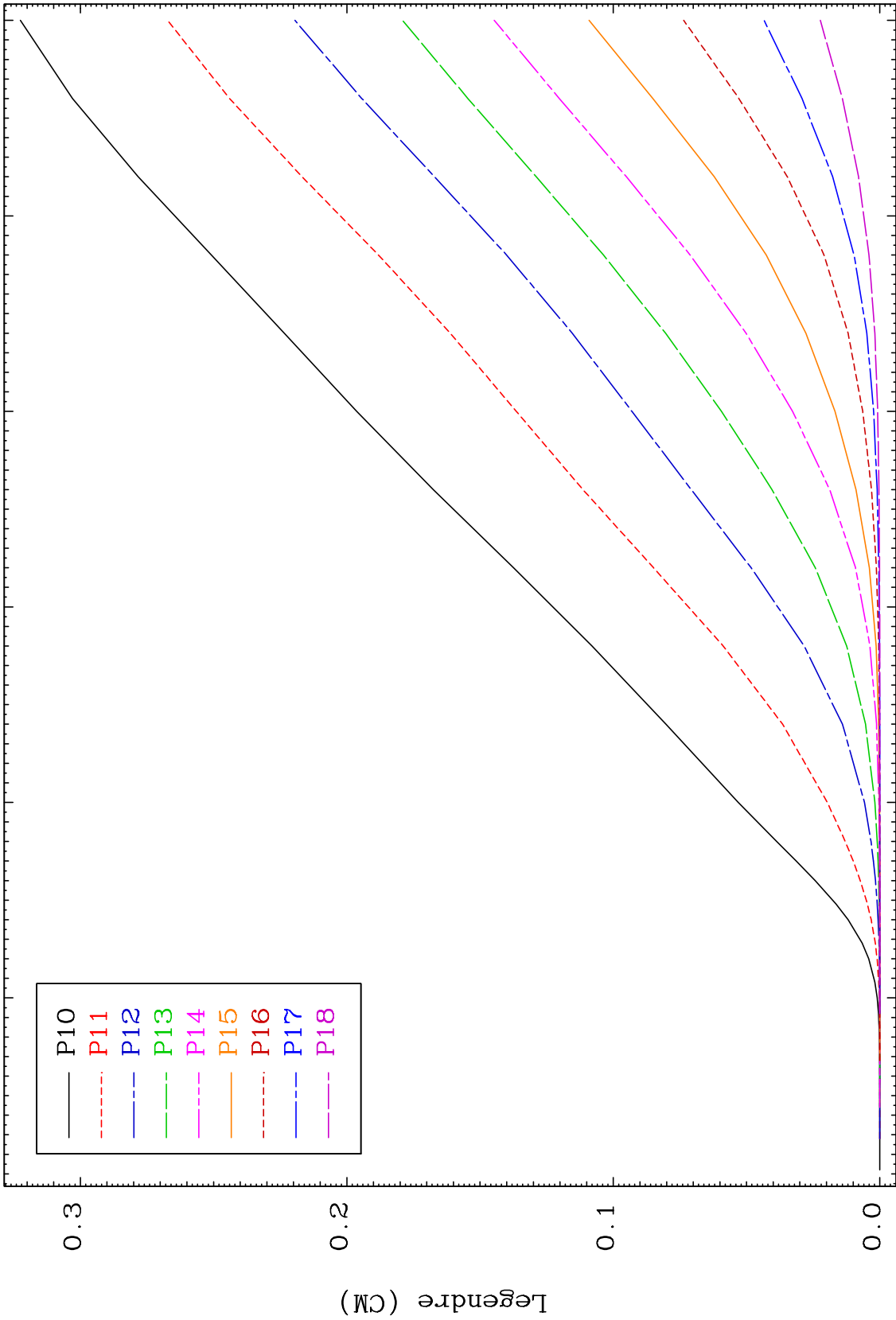
Incident Energy (MeV)

59-Pr-134

MAT 5904

Elastic Legendre Coefficients

59-Pr-134



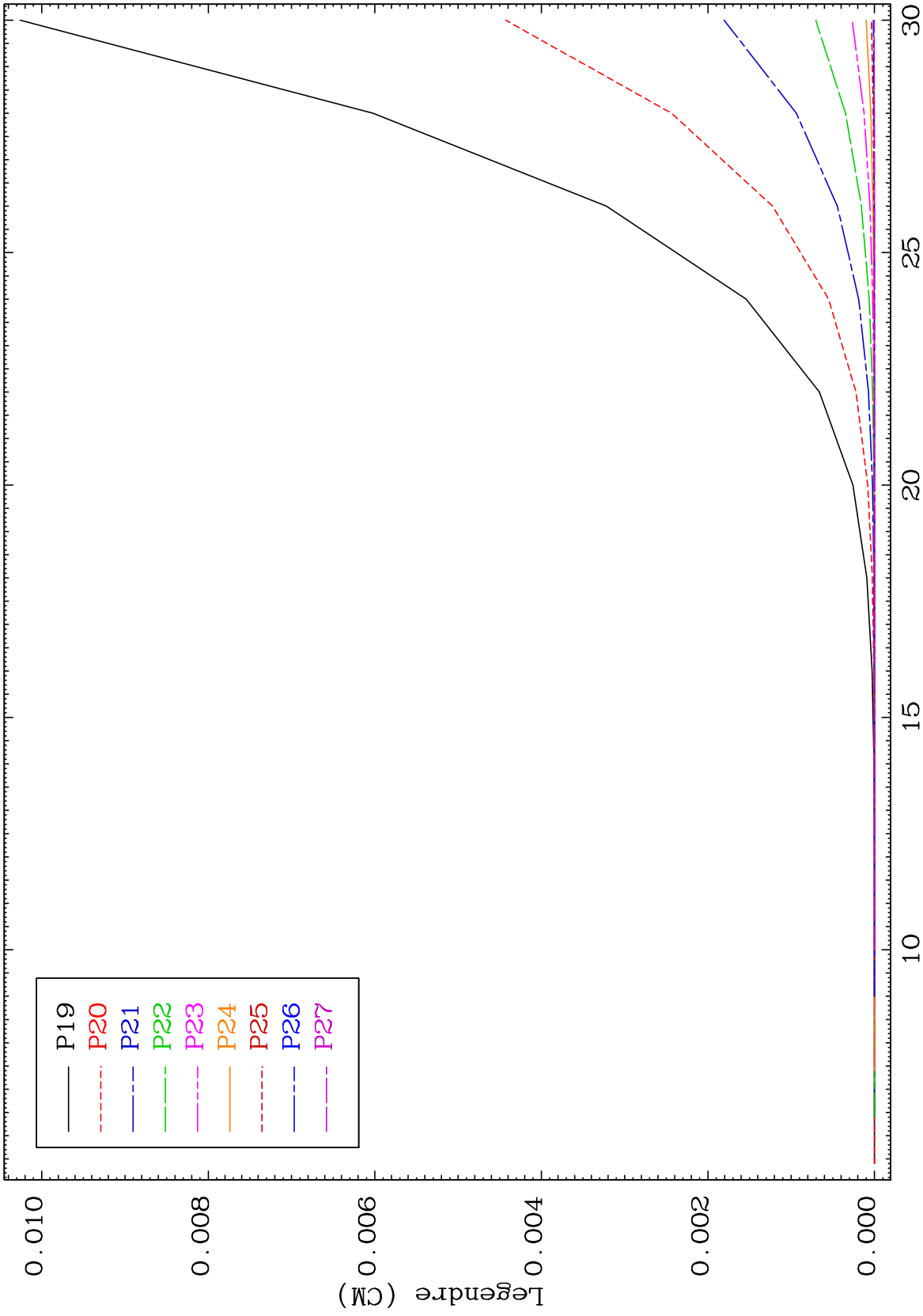
17

59-Pr-134

MAT 5904

Elastic Legendre Coefficients

59-Pr-134



18

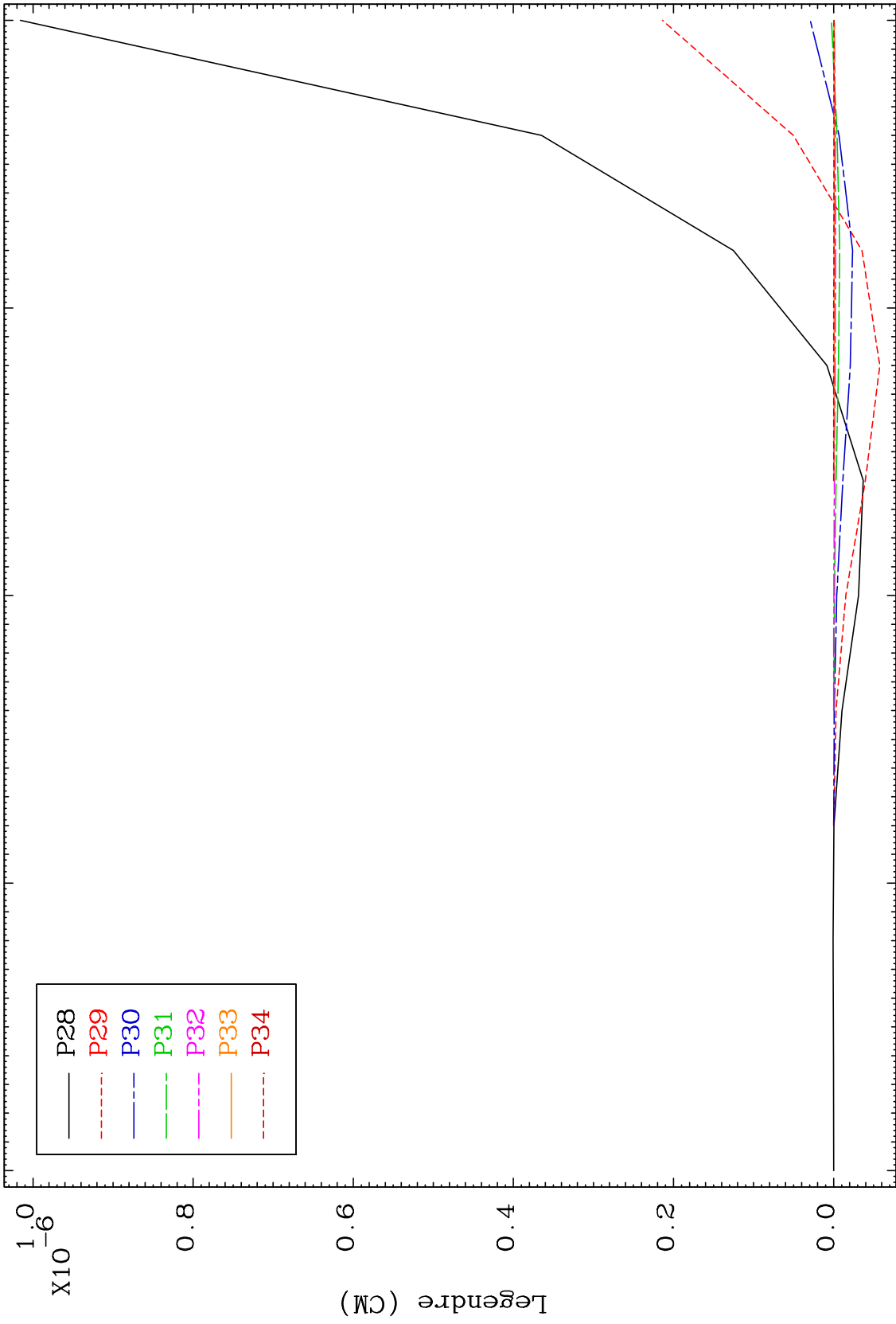
Incident Energy (MeV)

59-Pr-134

MAT 5904

Elastic Legendre Coefficients

59-Pr-134



19

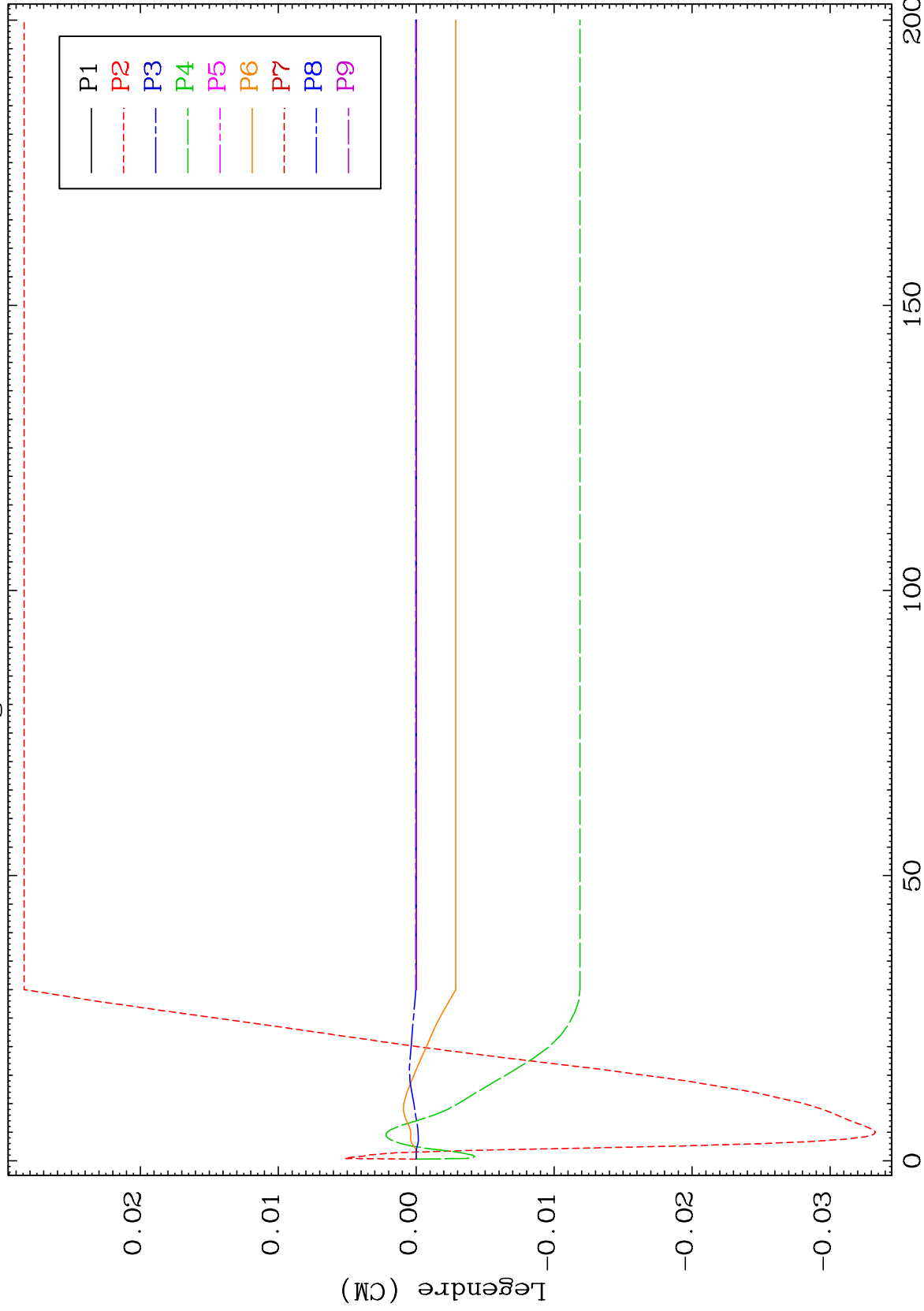
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



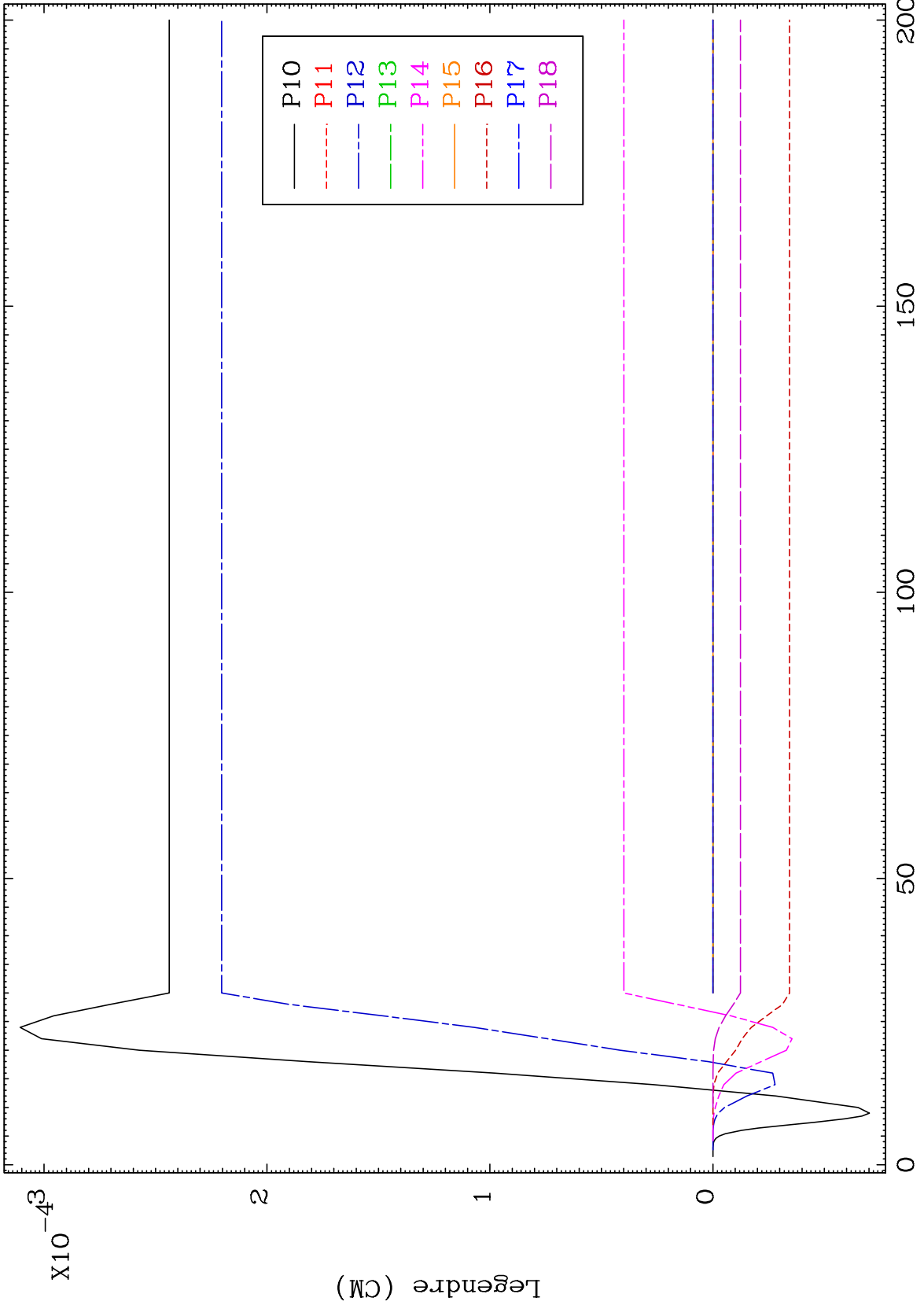
59-Pr-134

Incident Energy (MeV)

MAT 5904

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

59-Pr-134



21

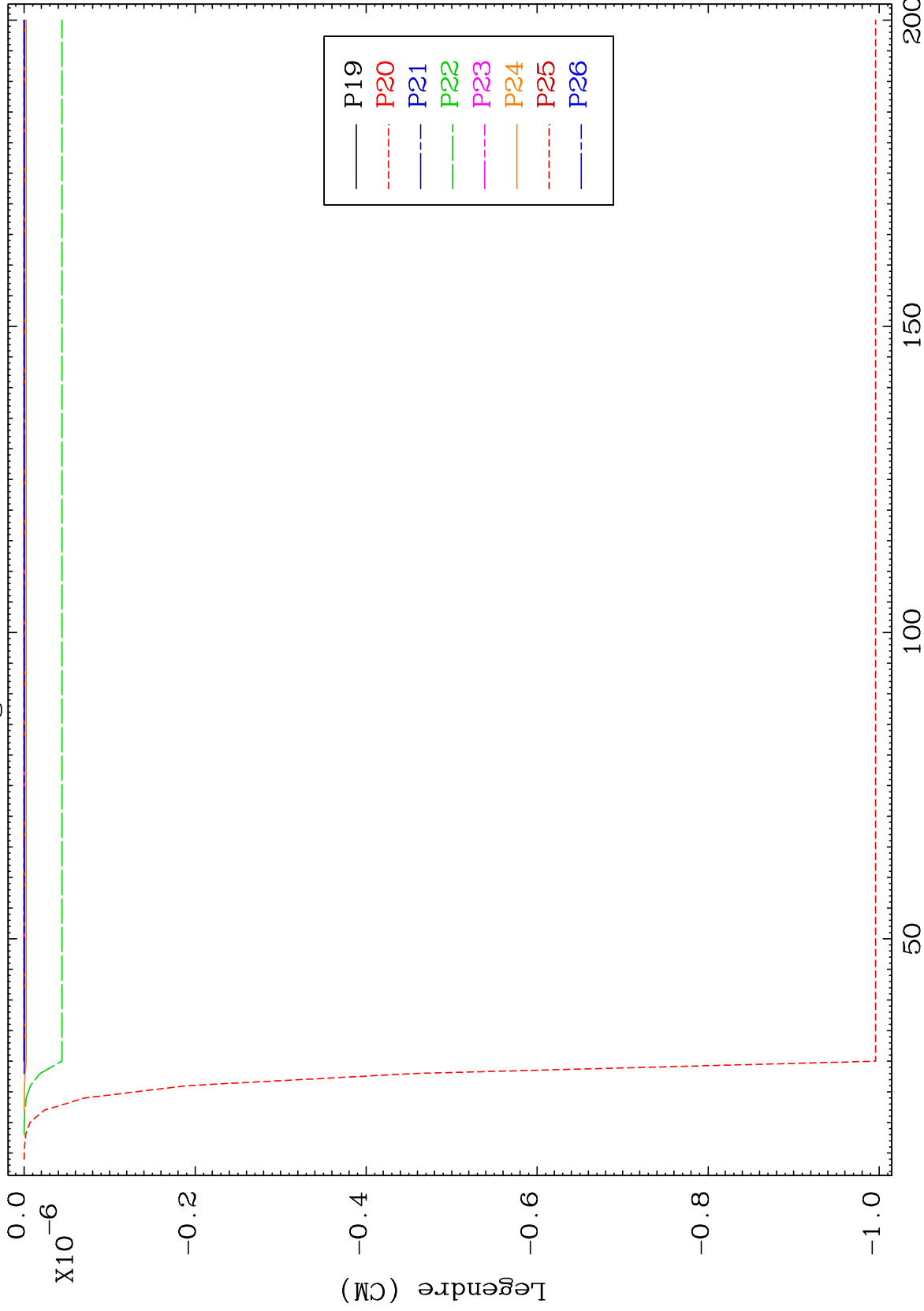
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



22

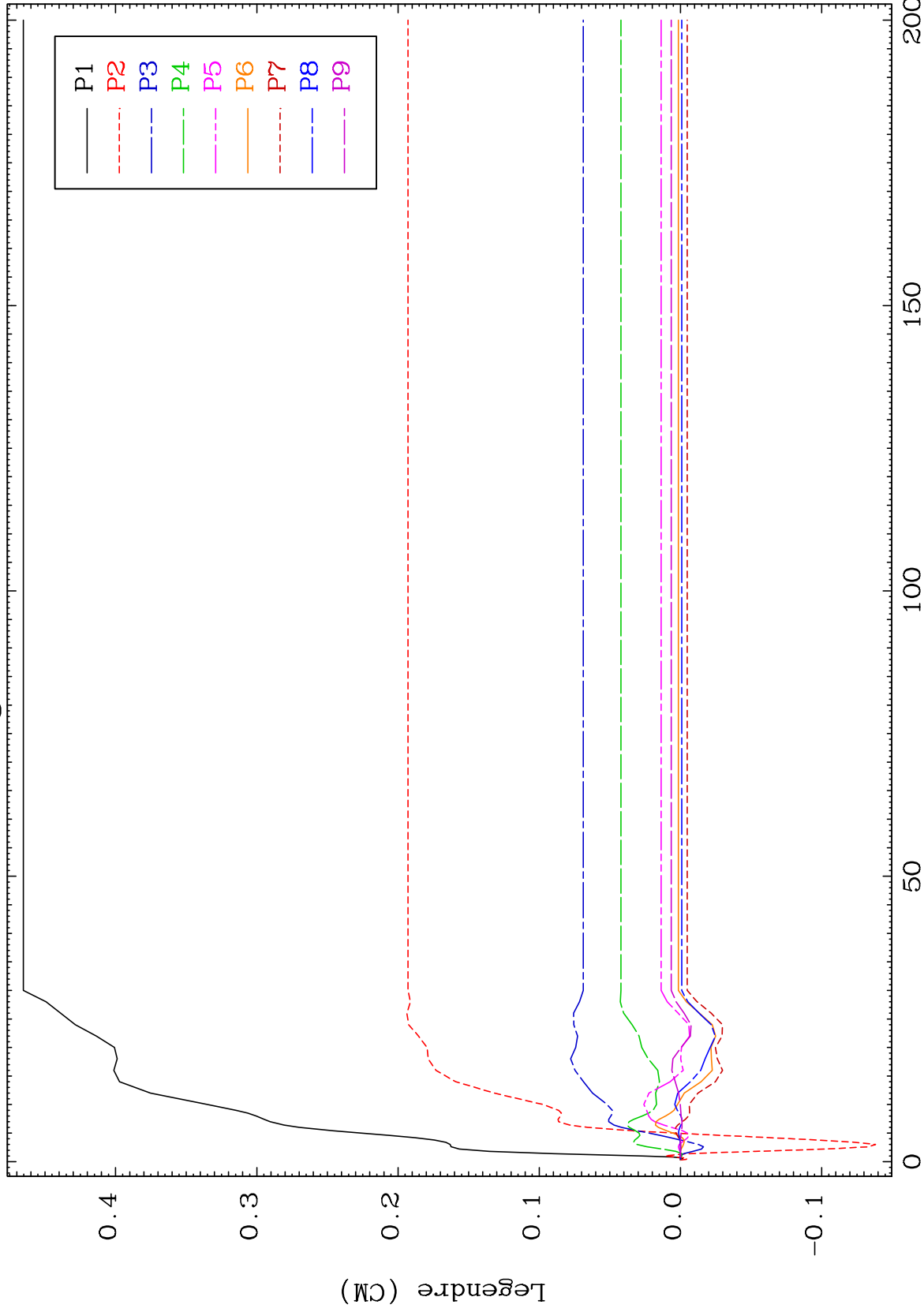
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



23

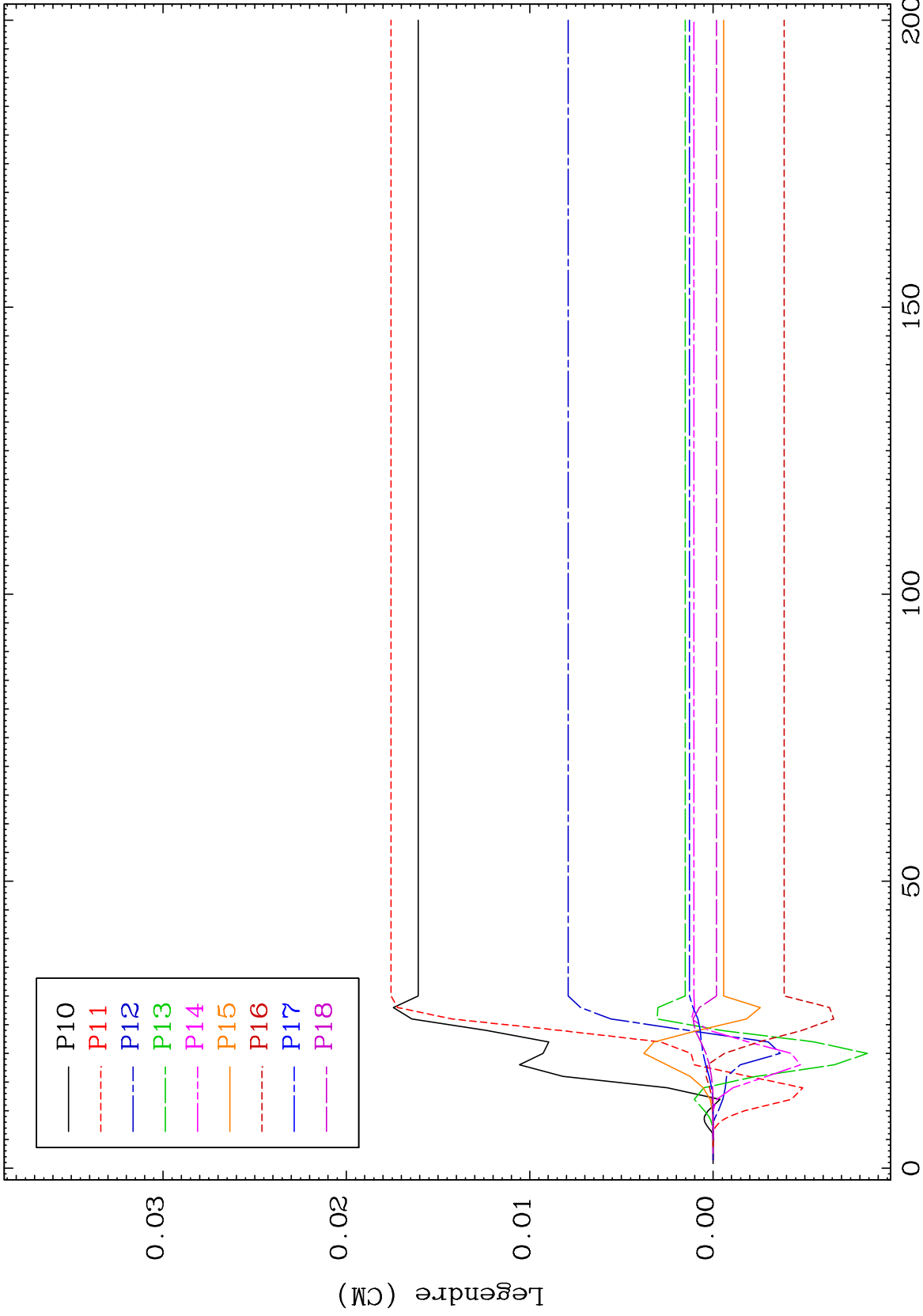
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



24

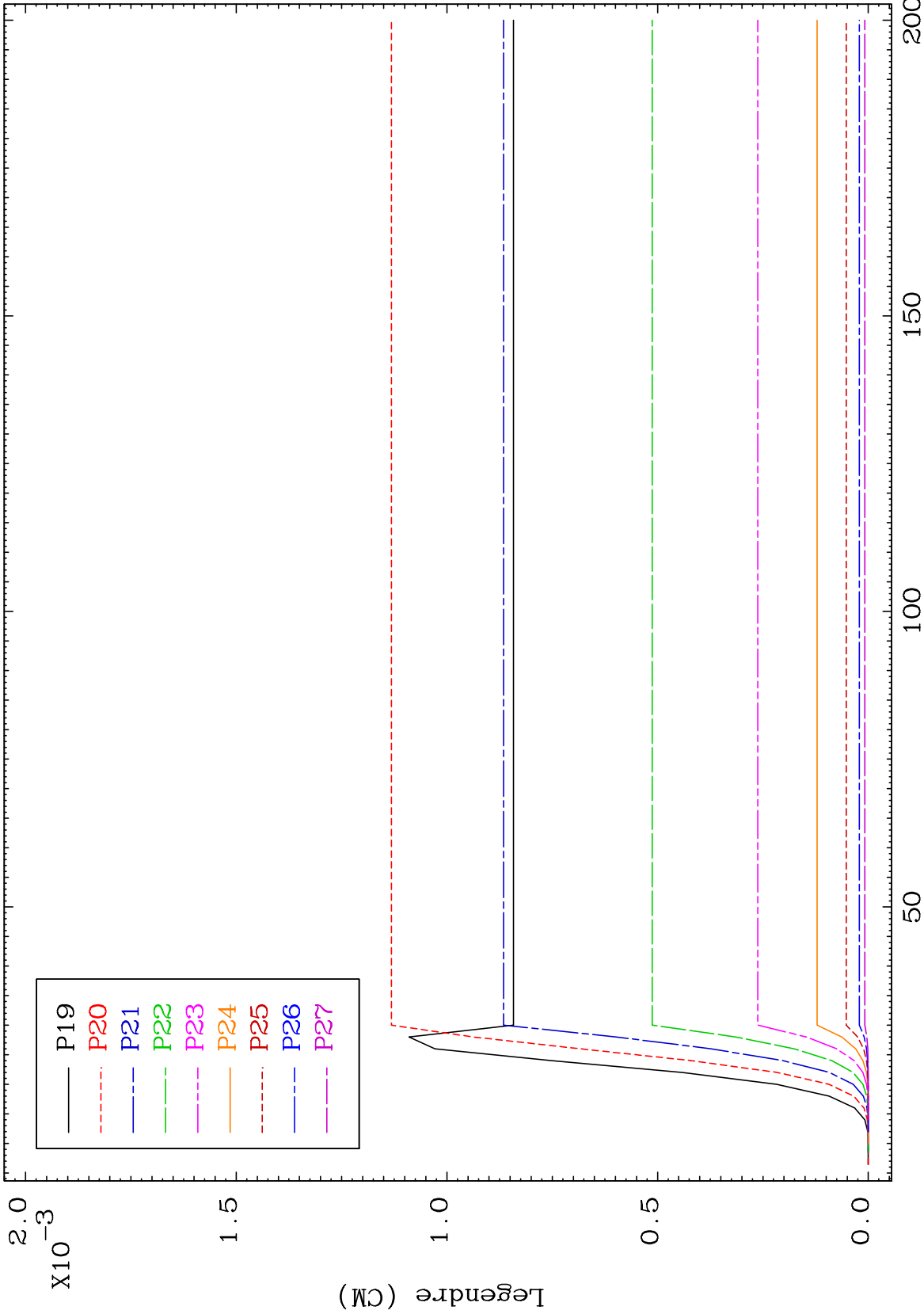
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

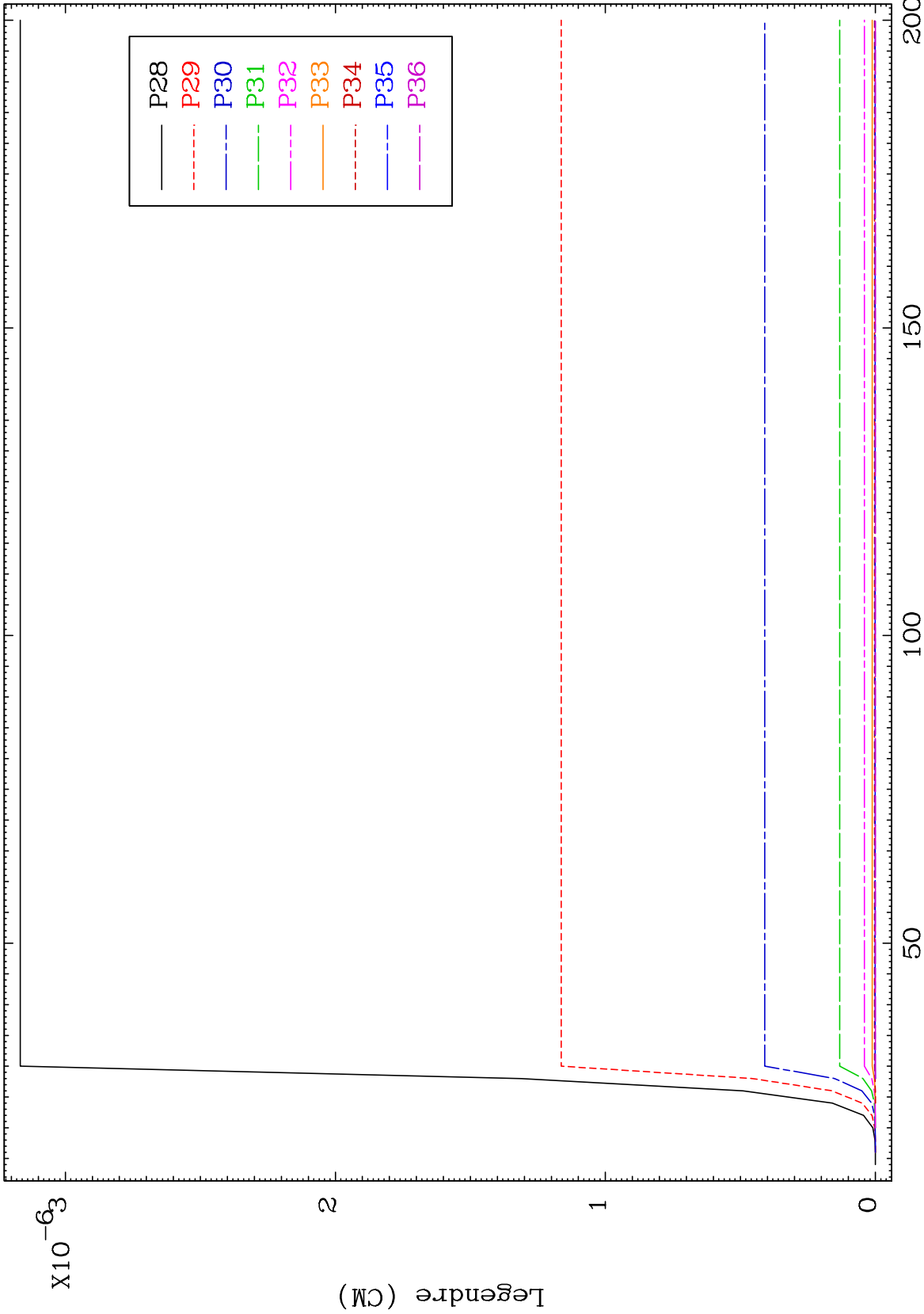
59-Pr-134



25

Incident Energy (MeV)

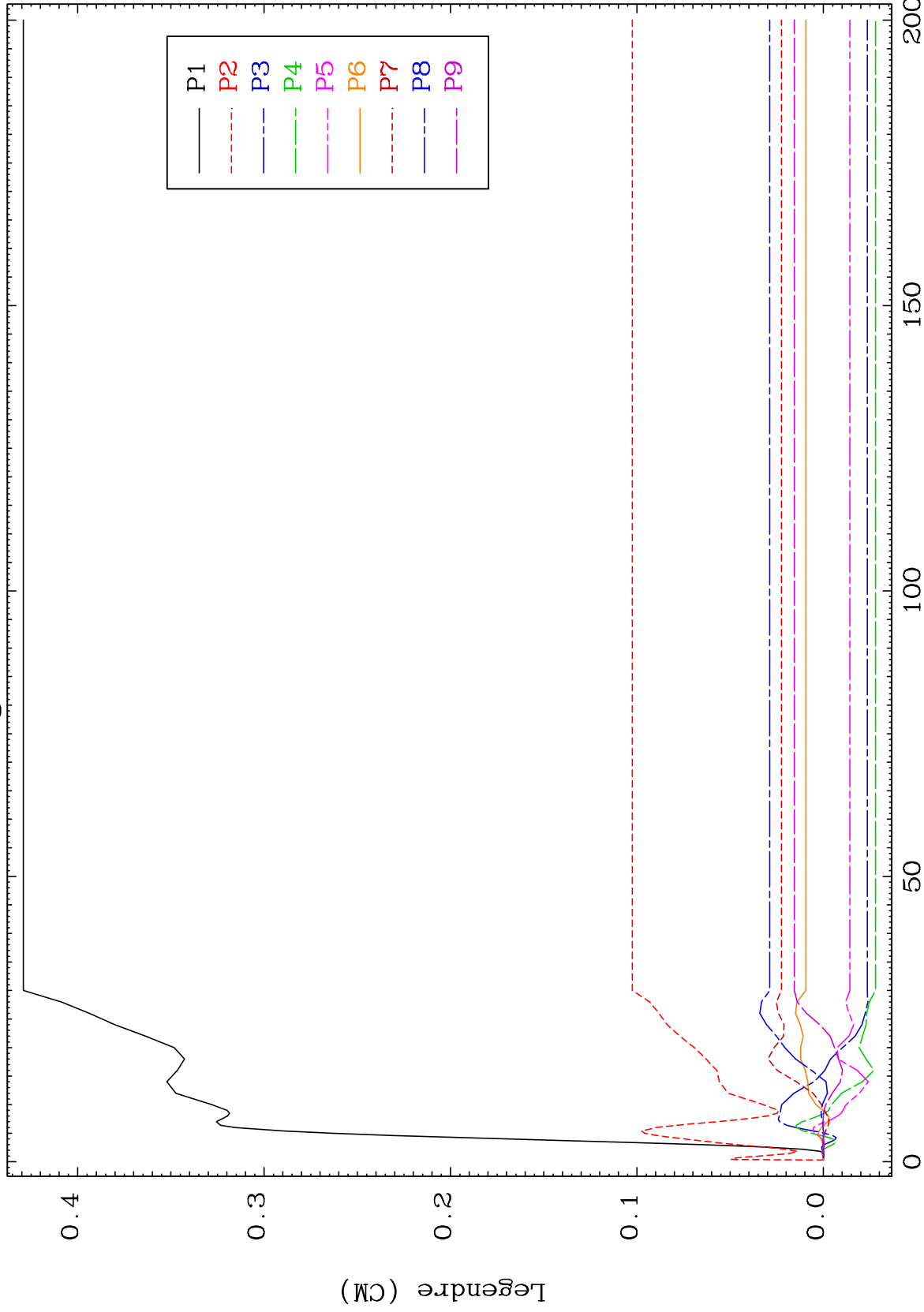
59-Pr-134



MAT 5904

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

59-Pr-134



27

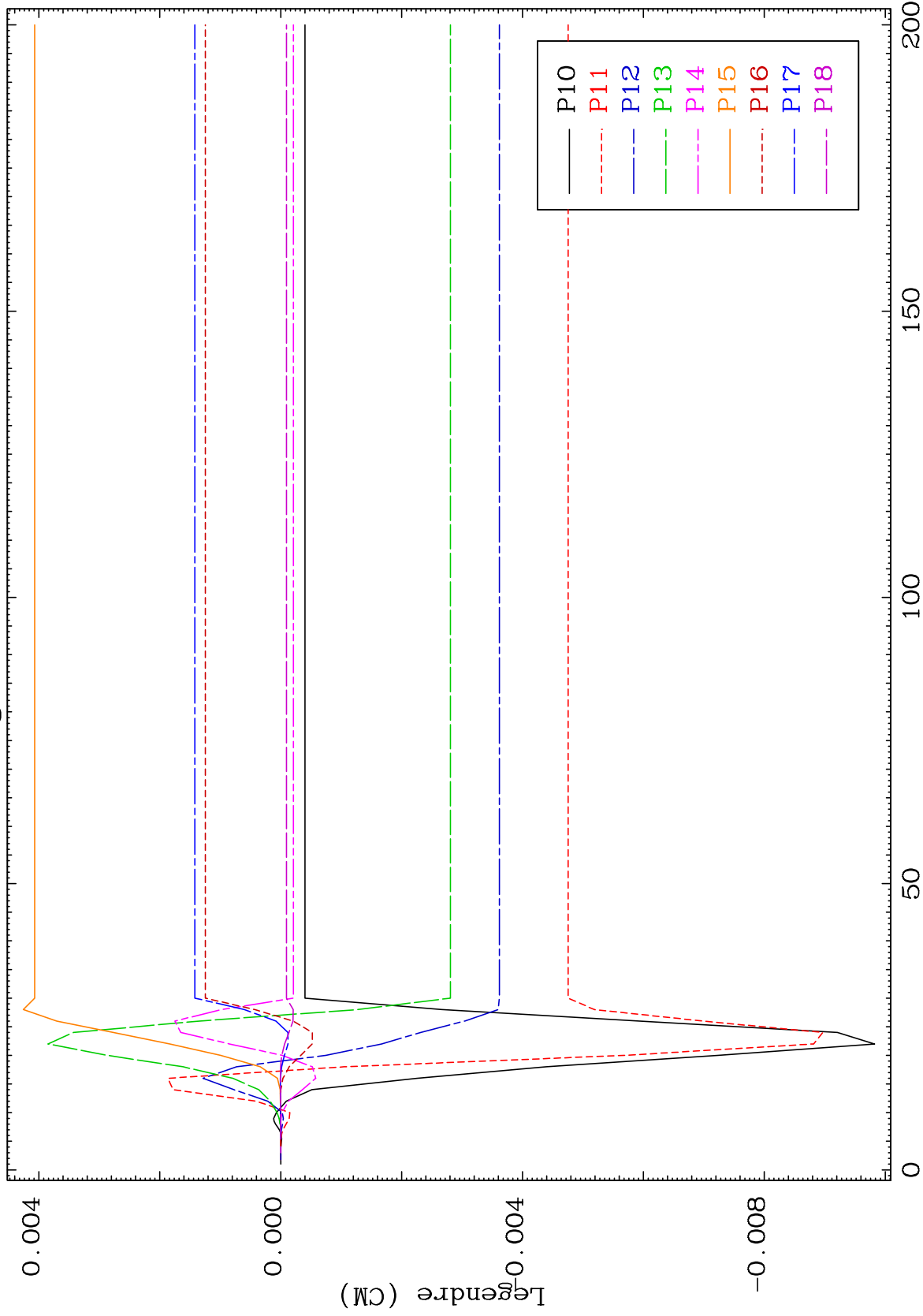
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



28

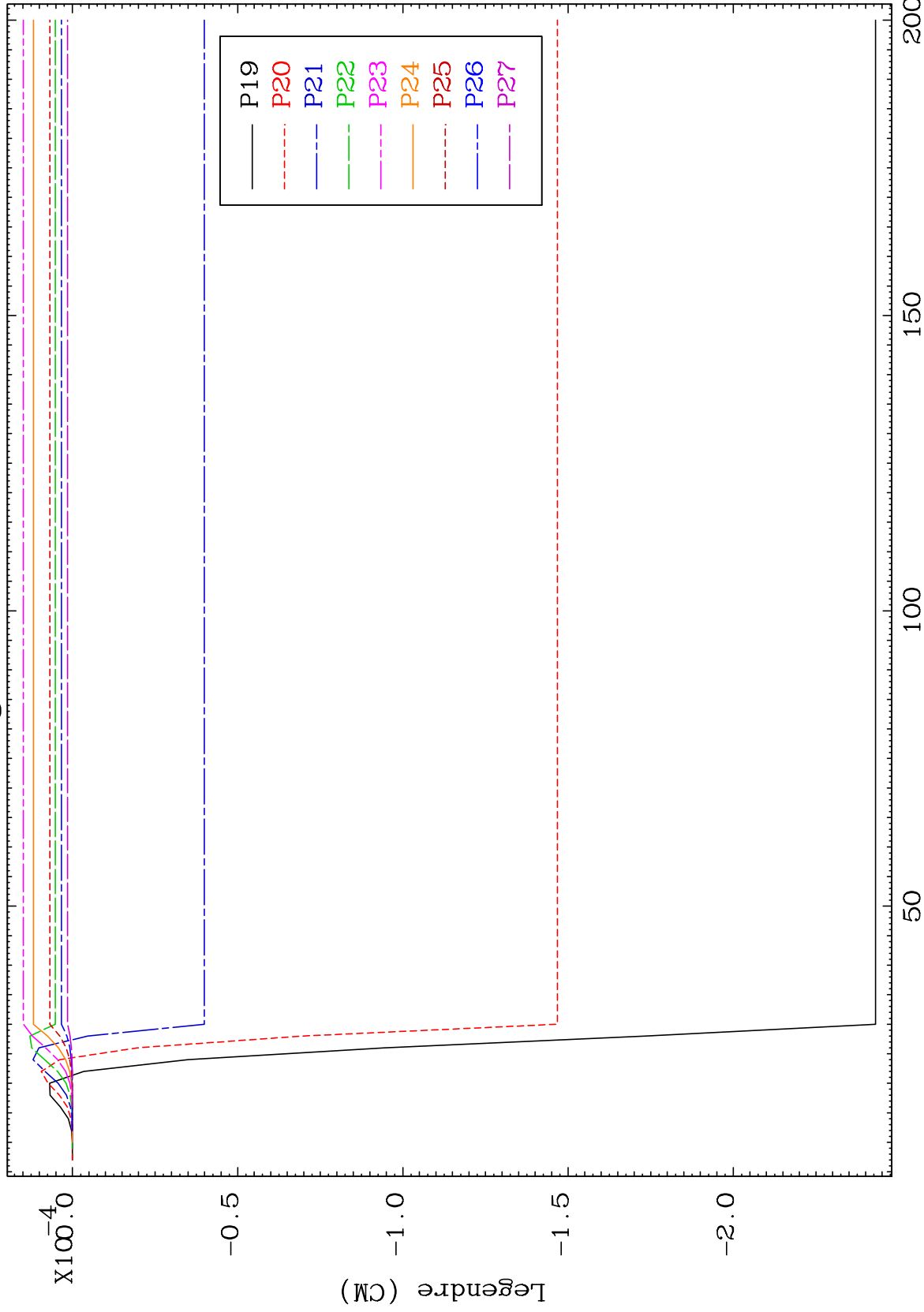
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



29

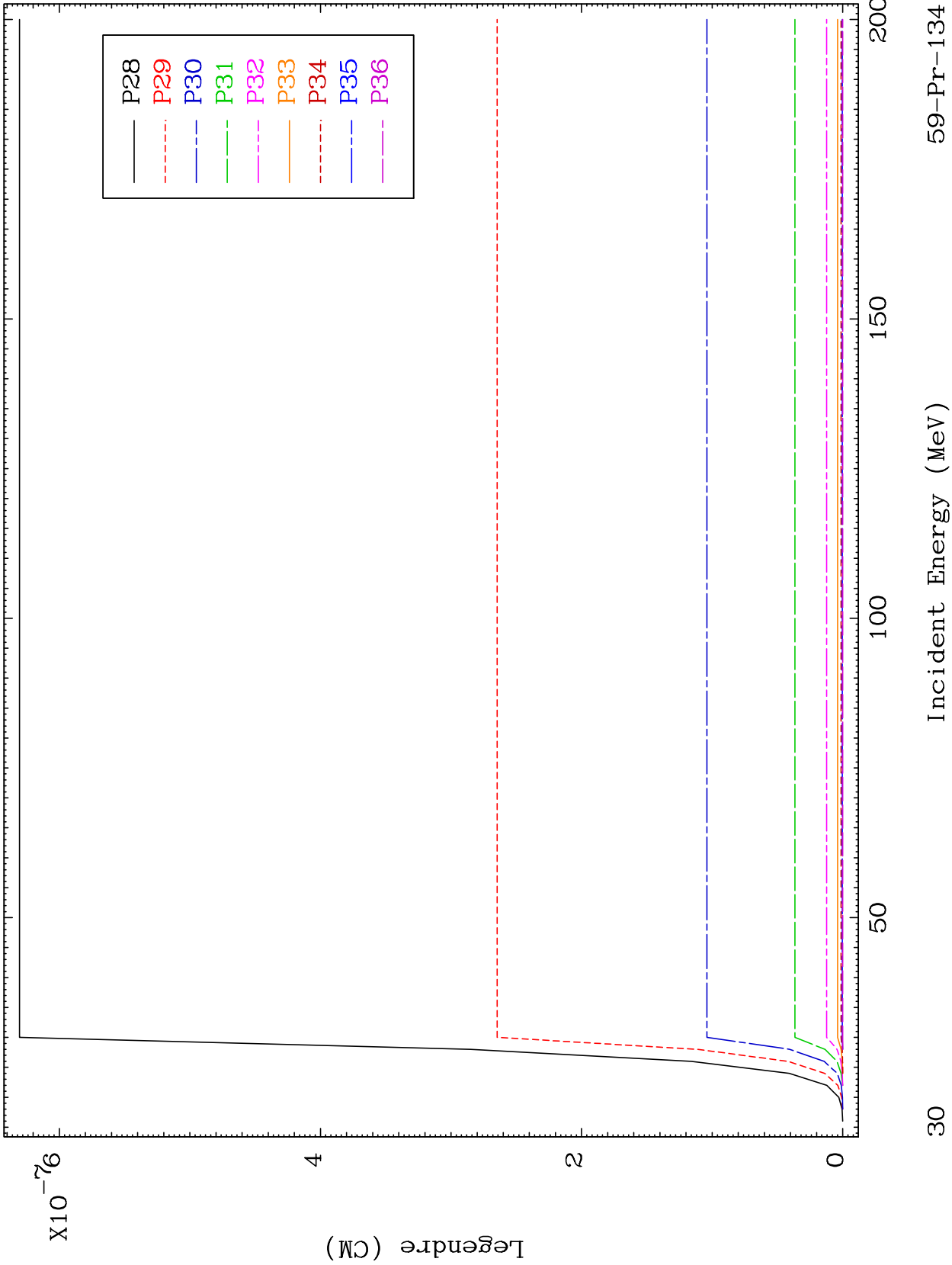
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



30

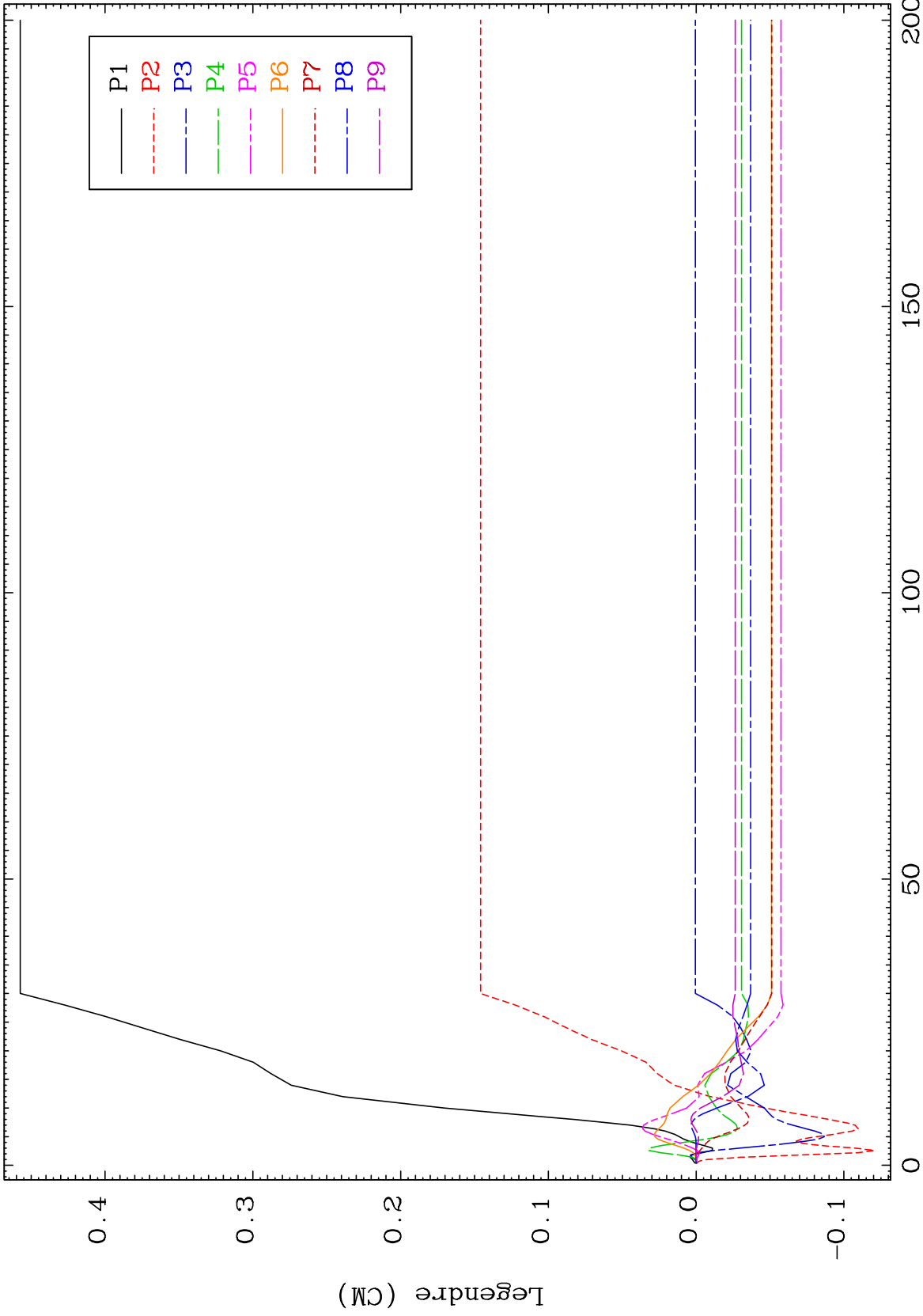
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



31

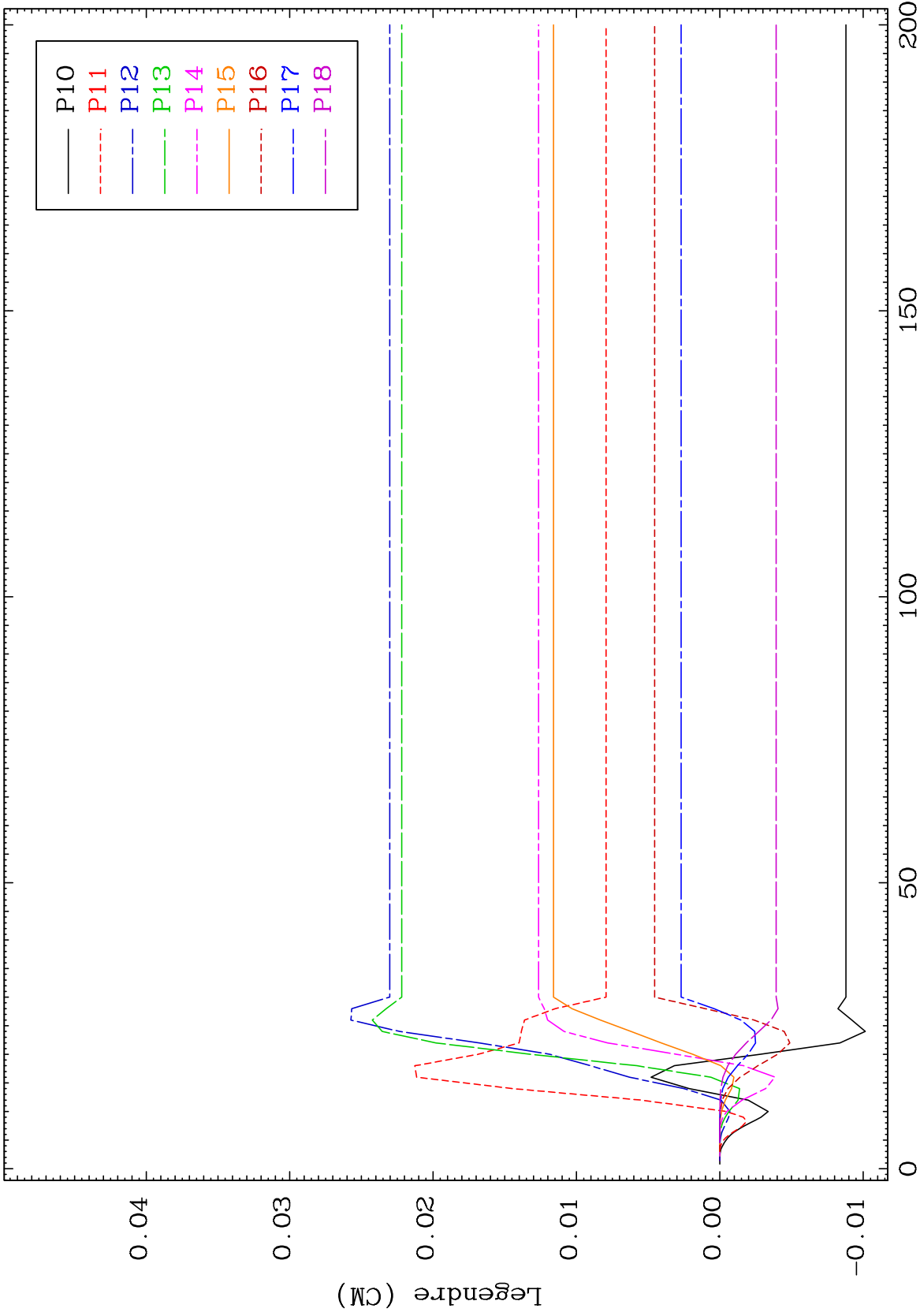
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



32

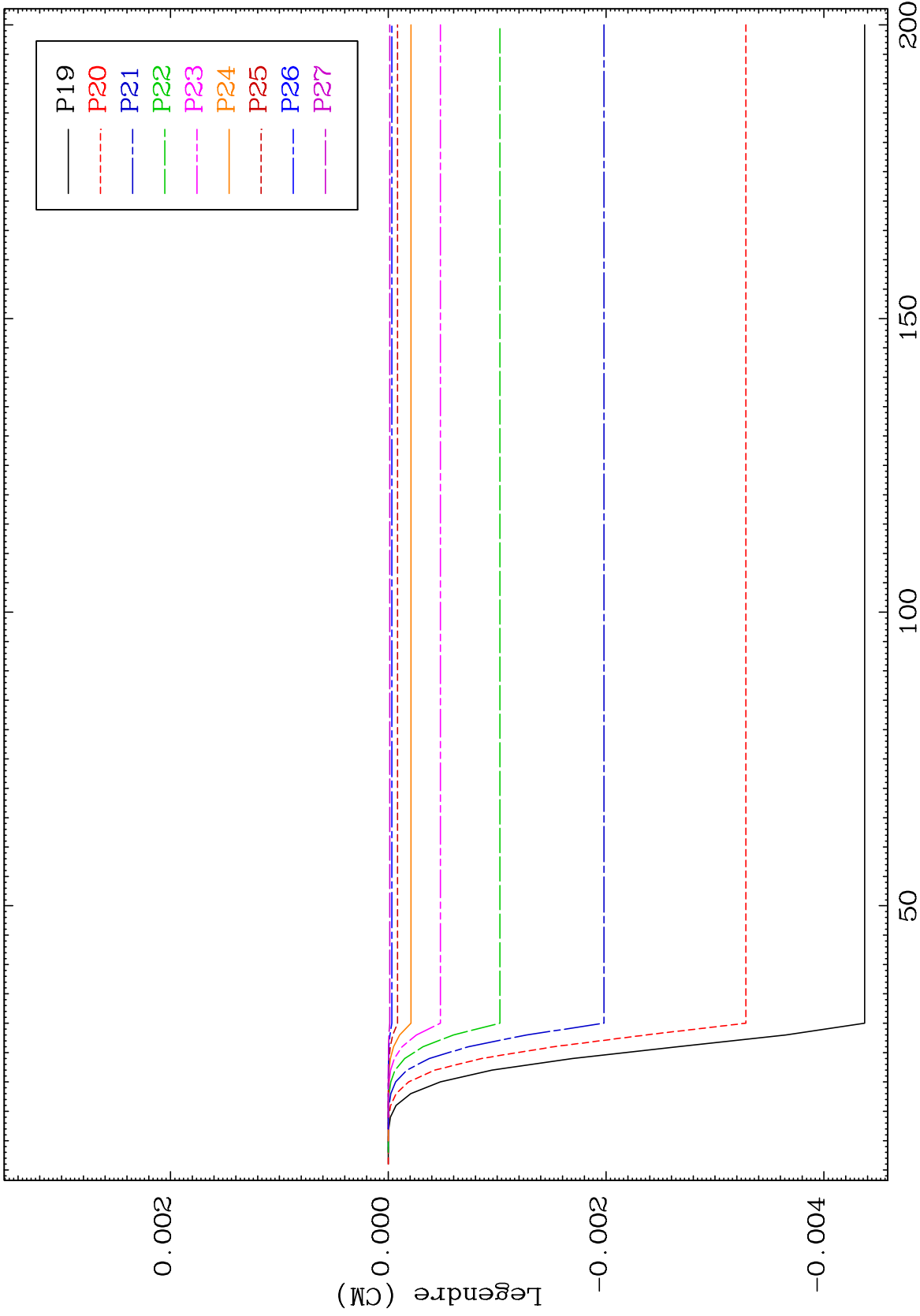
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



33

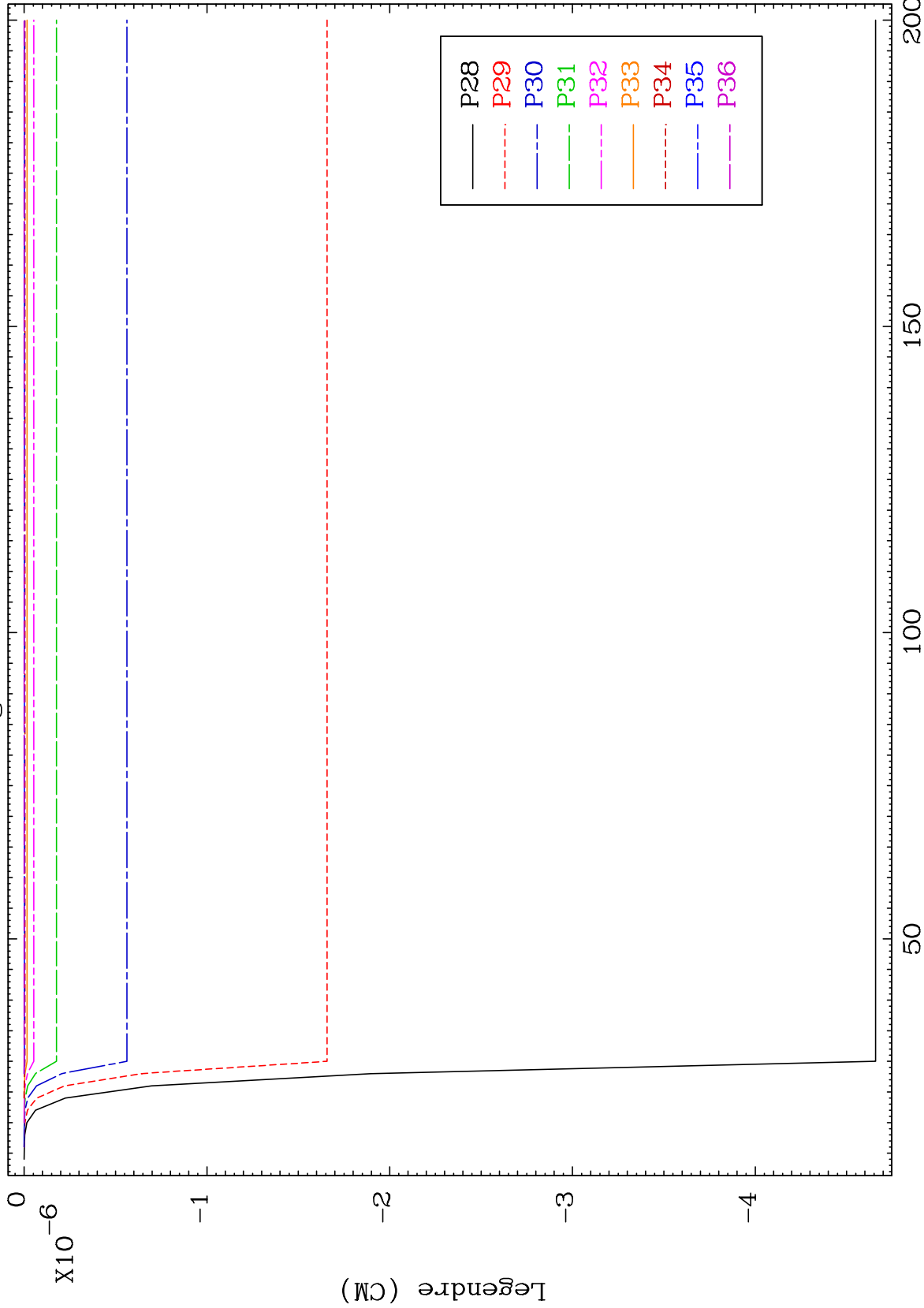
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



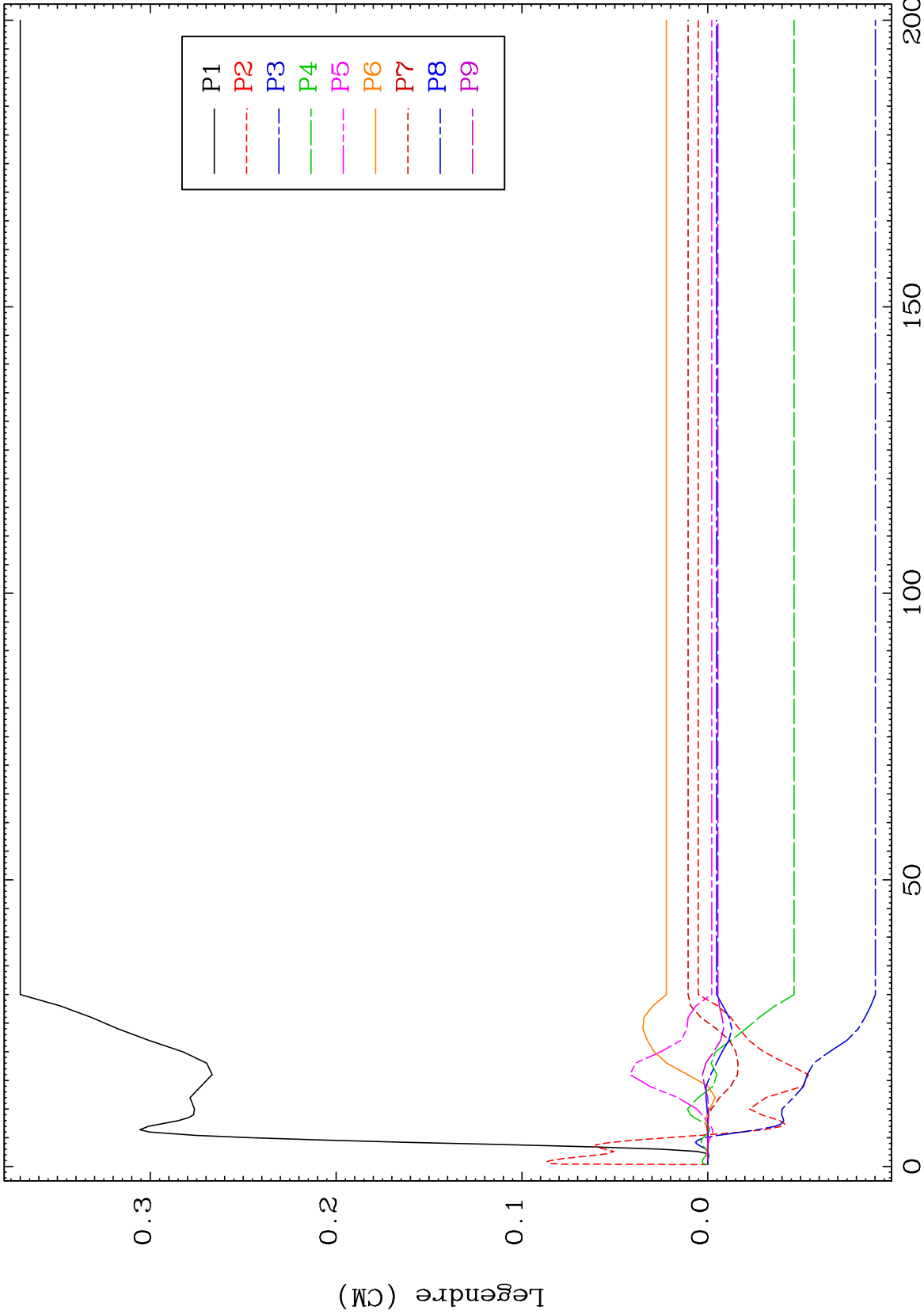
34

59-Pr-134

MAT 5904

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

59-Pr-134



35

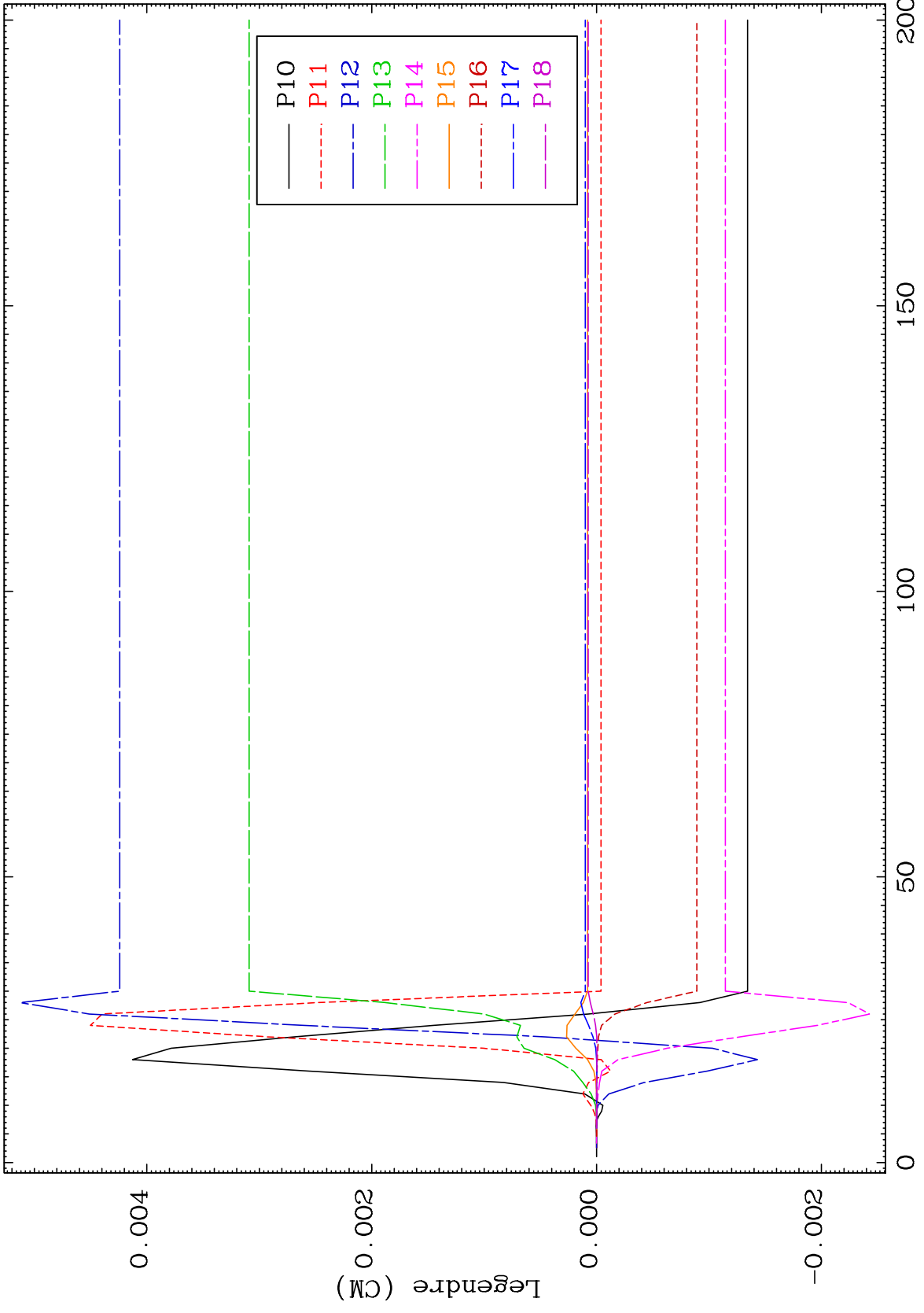
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



36

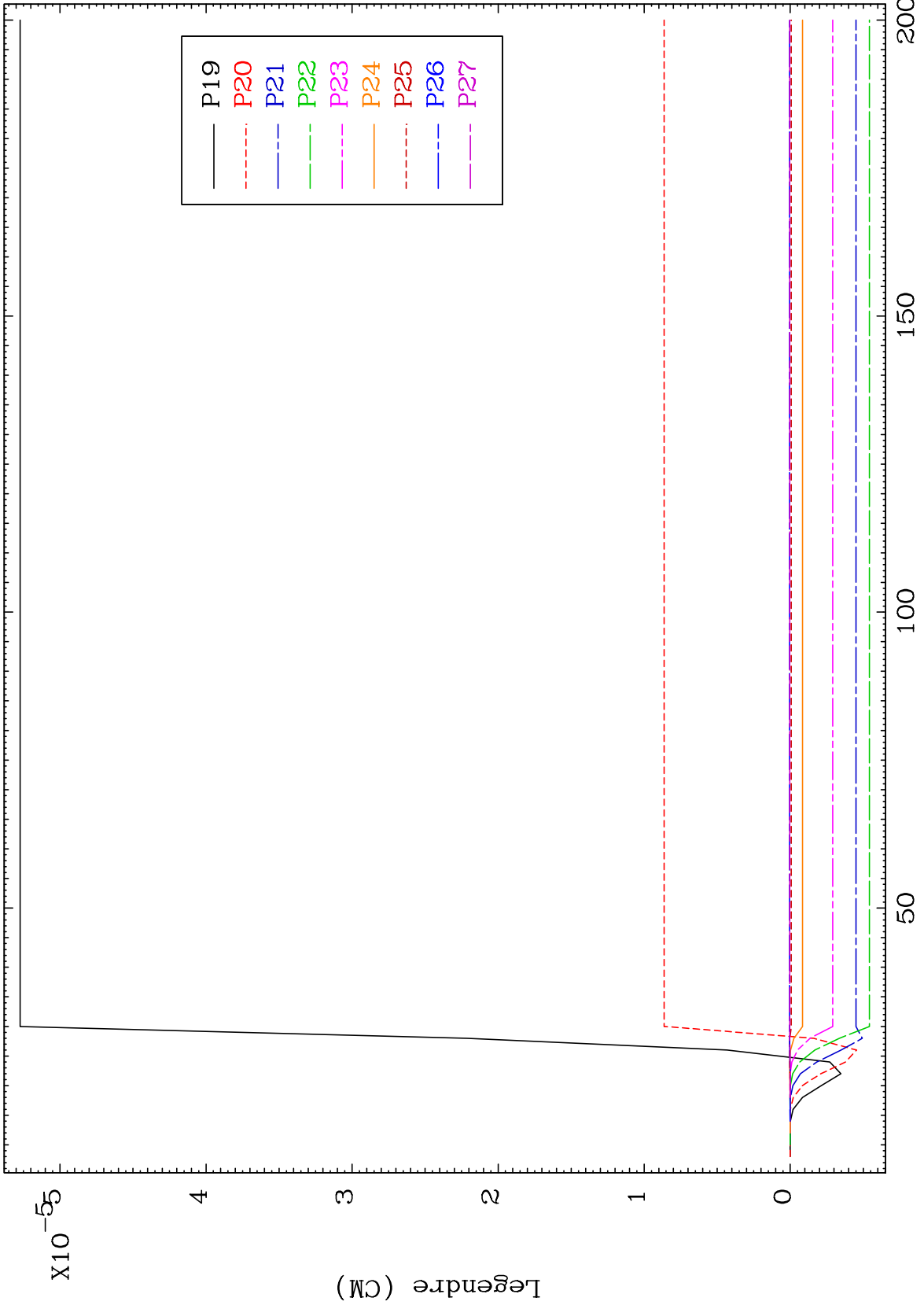
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



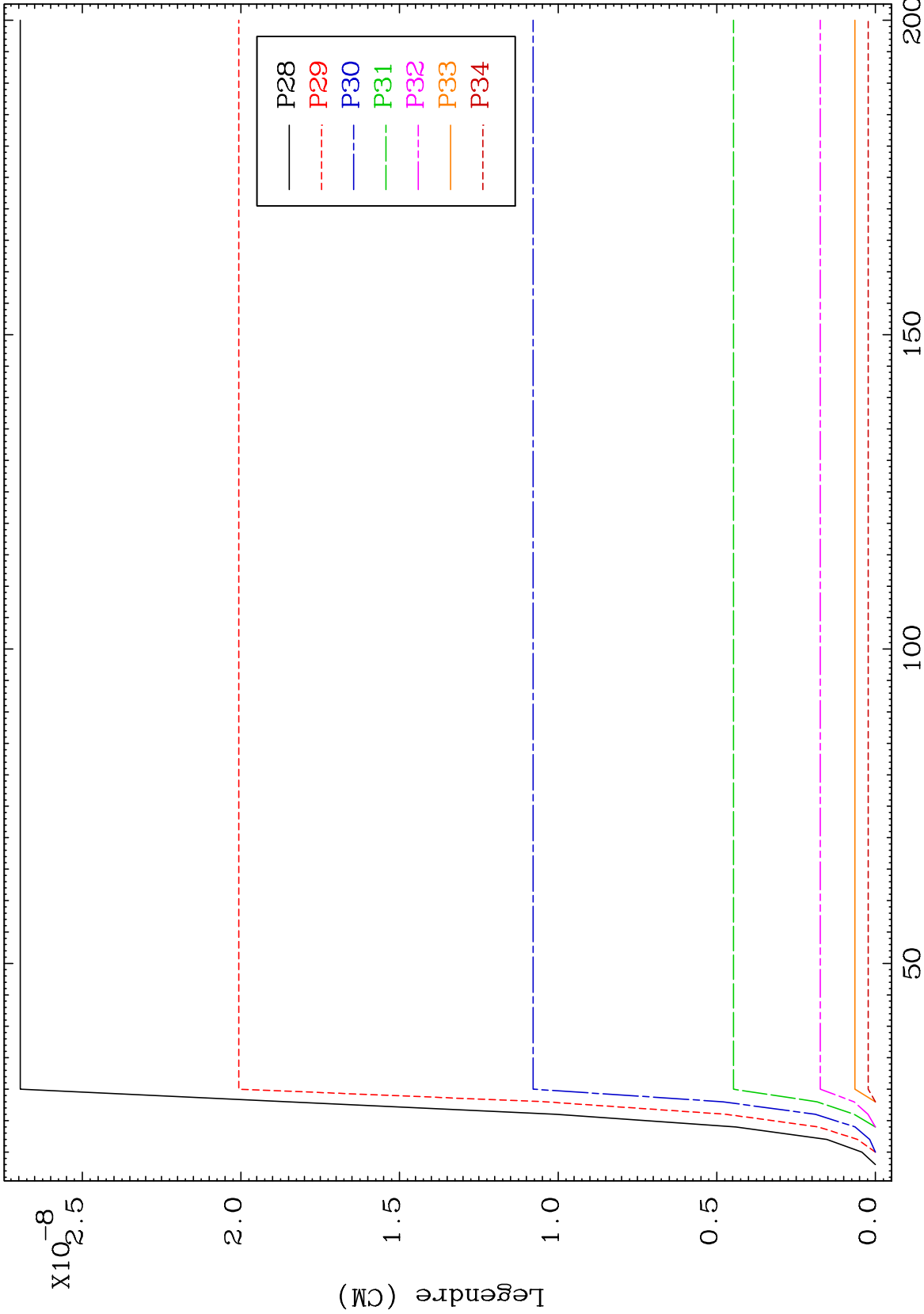
37

59-Pr-134

MAT 5904

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

59-Pr-134



38

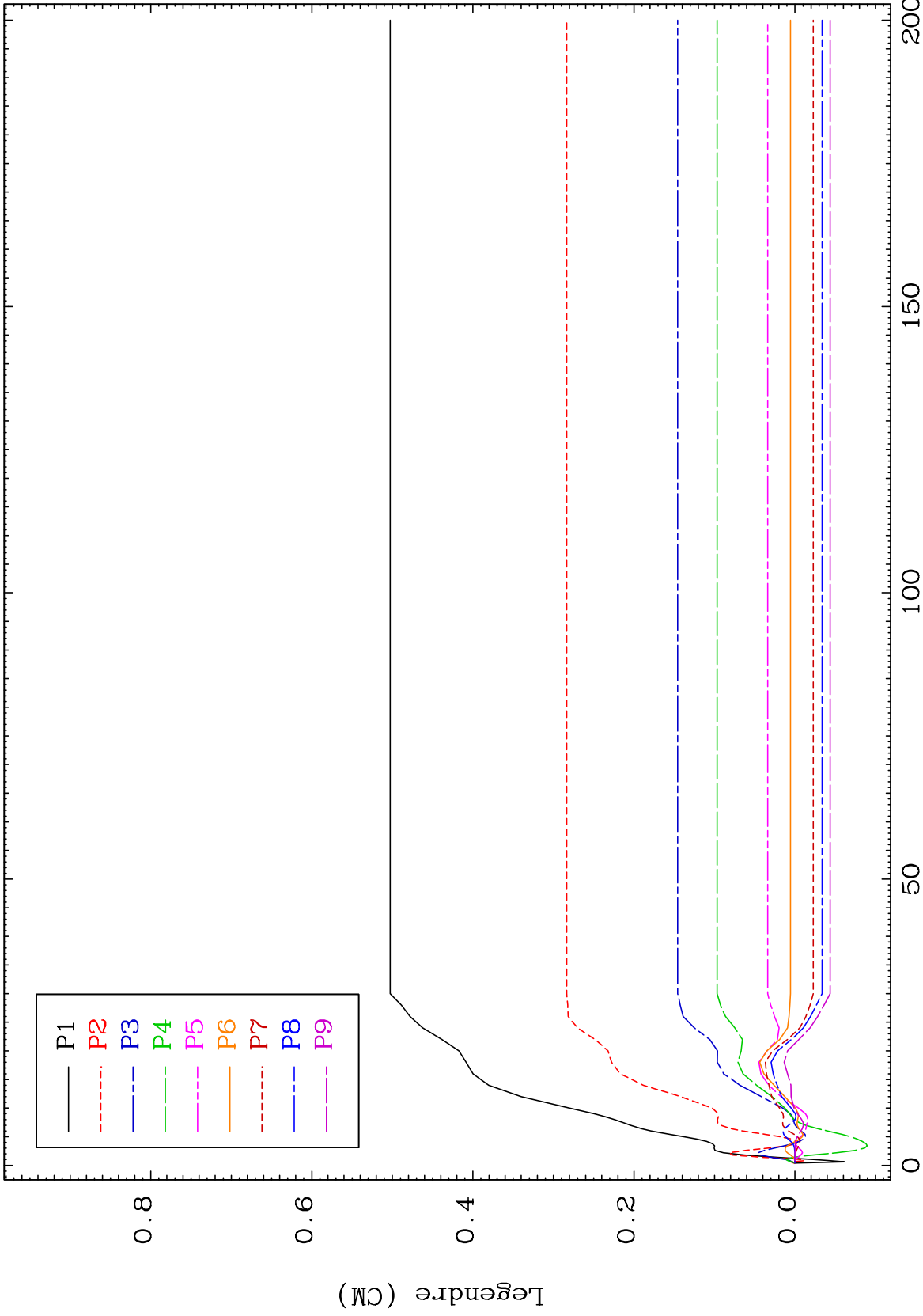
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



39

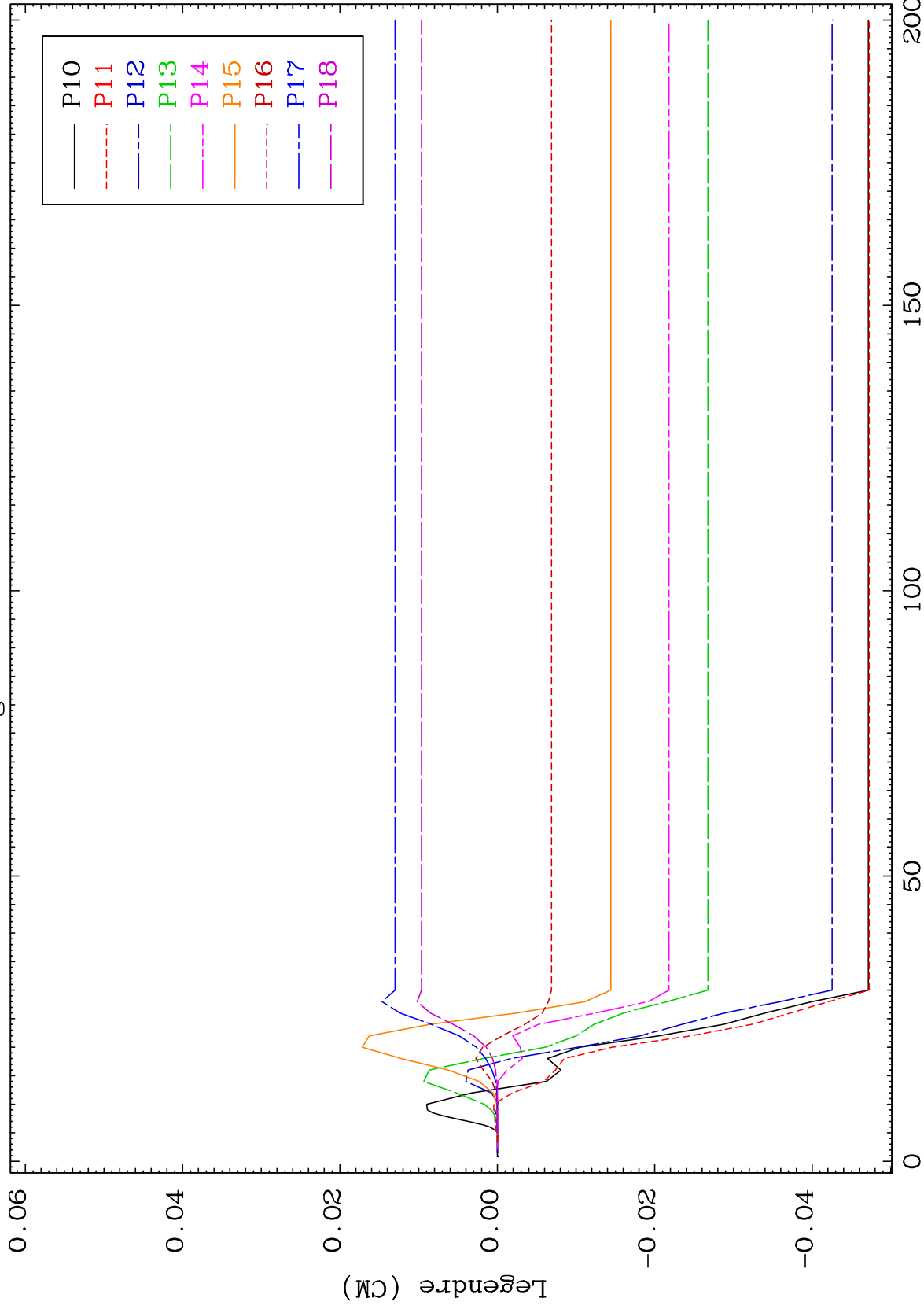
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



59-Pr-134

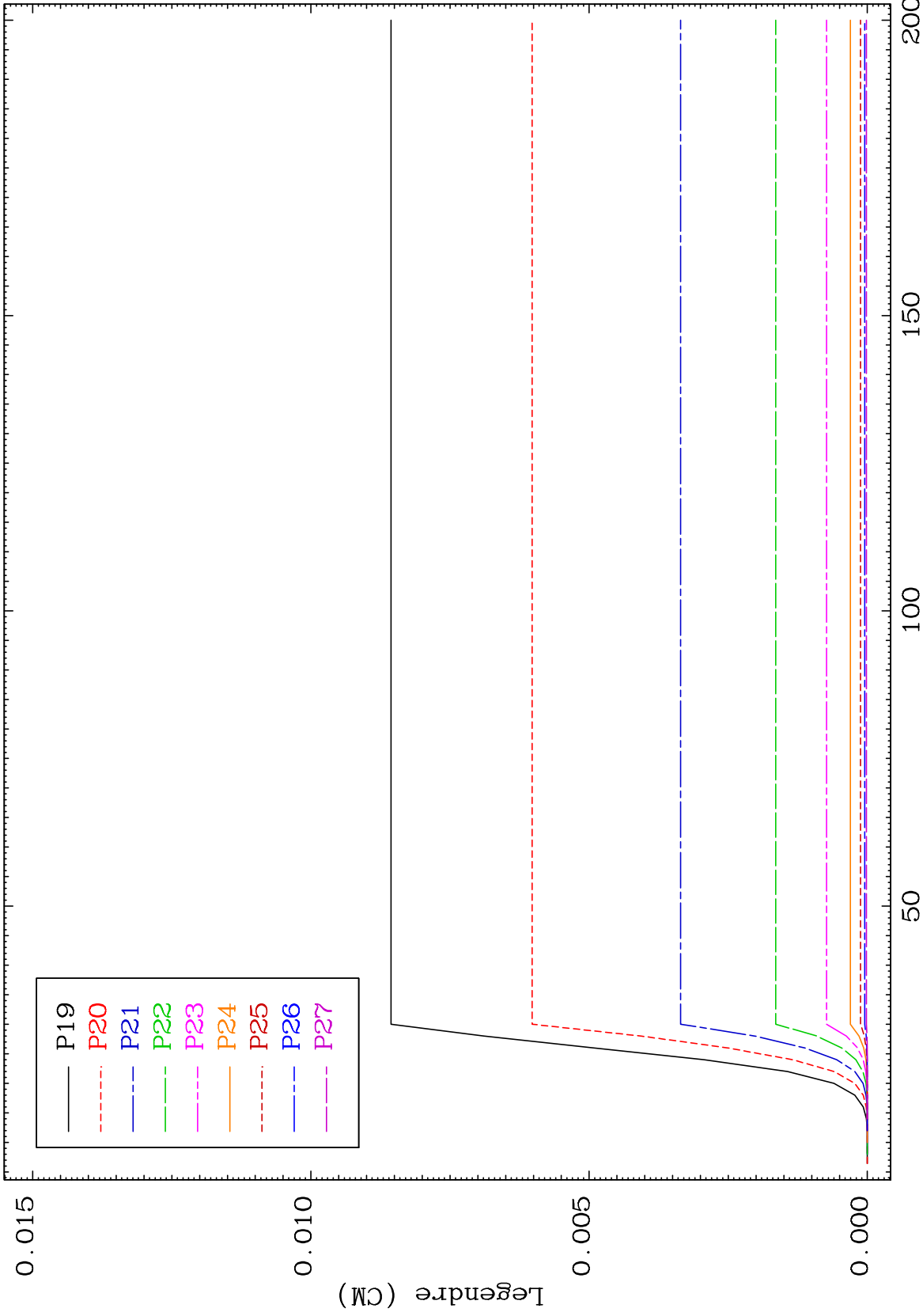
Incident Energy (MeV)

40

MAT 5904

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

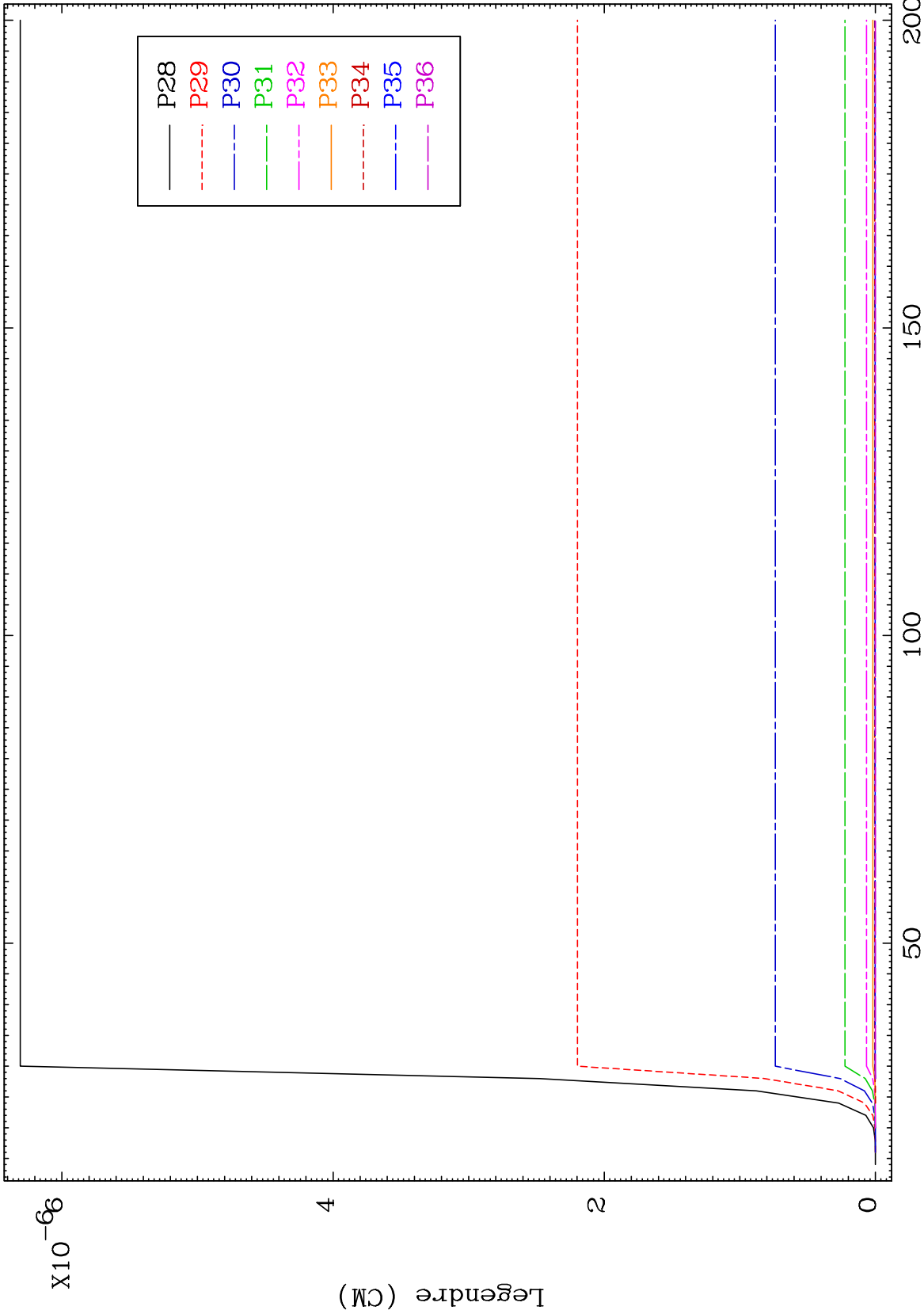
59-Pr-134



MAT 5904

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

59-Pr-134

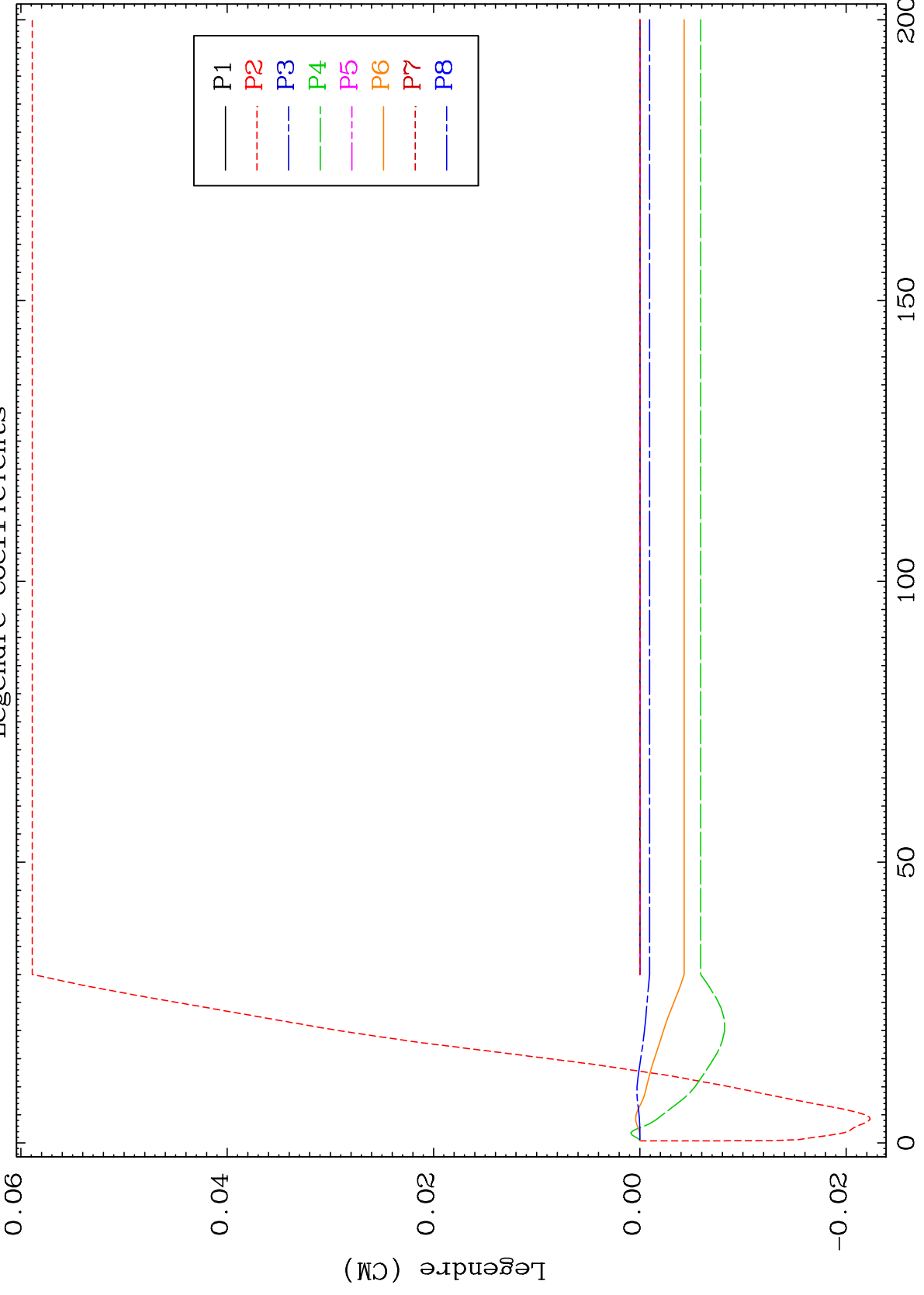


42

Incident Energy (MeV)

59-Pr-134

MAT 5904 MT= 57 (n,n') Level Legendre Coefficients 59-Pr-134

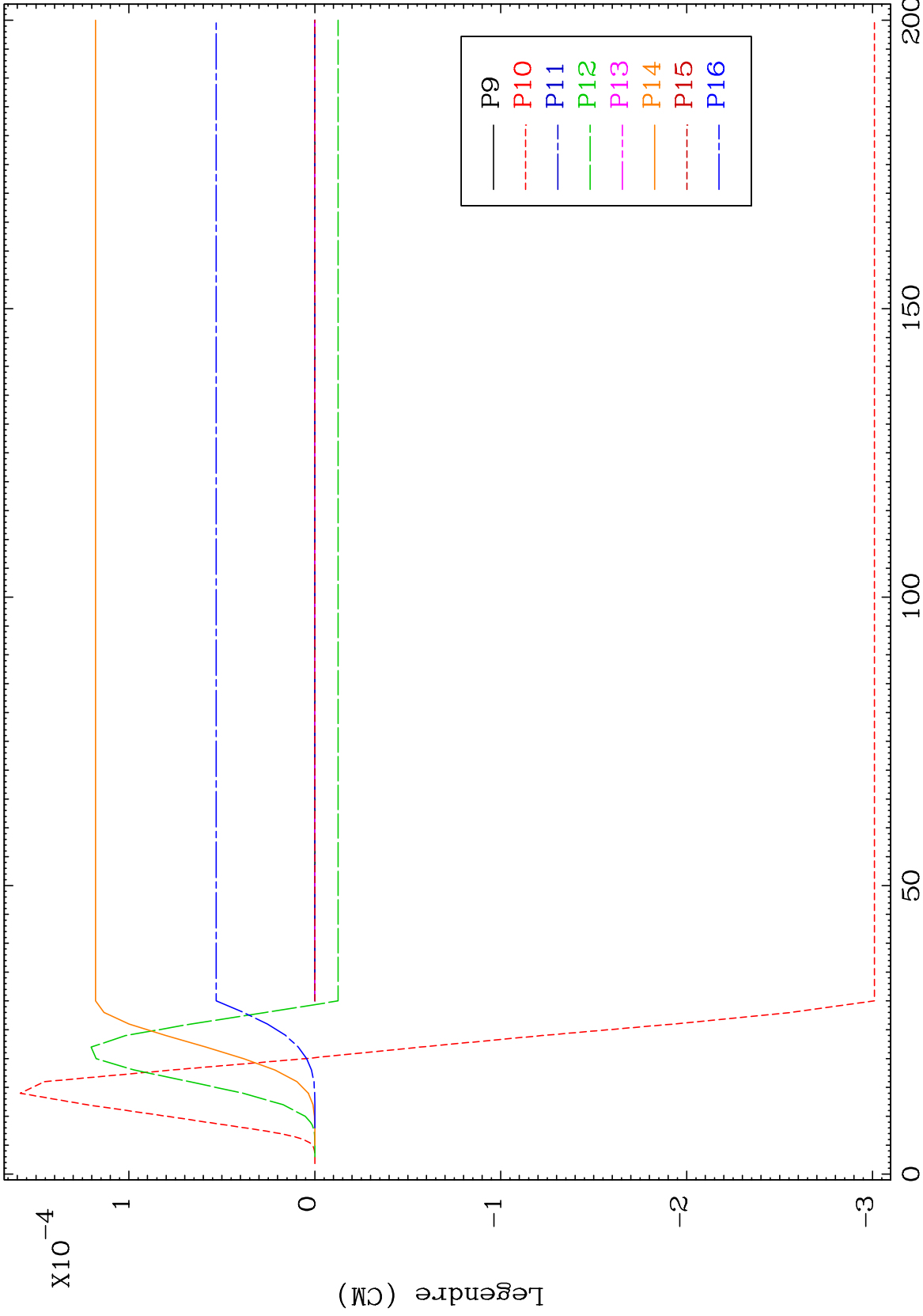


43 59-Pr-134

MAT 5904

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

59-Pr-134



44

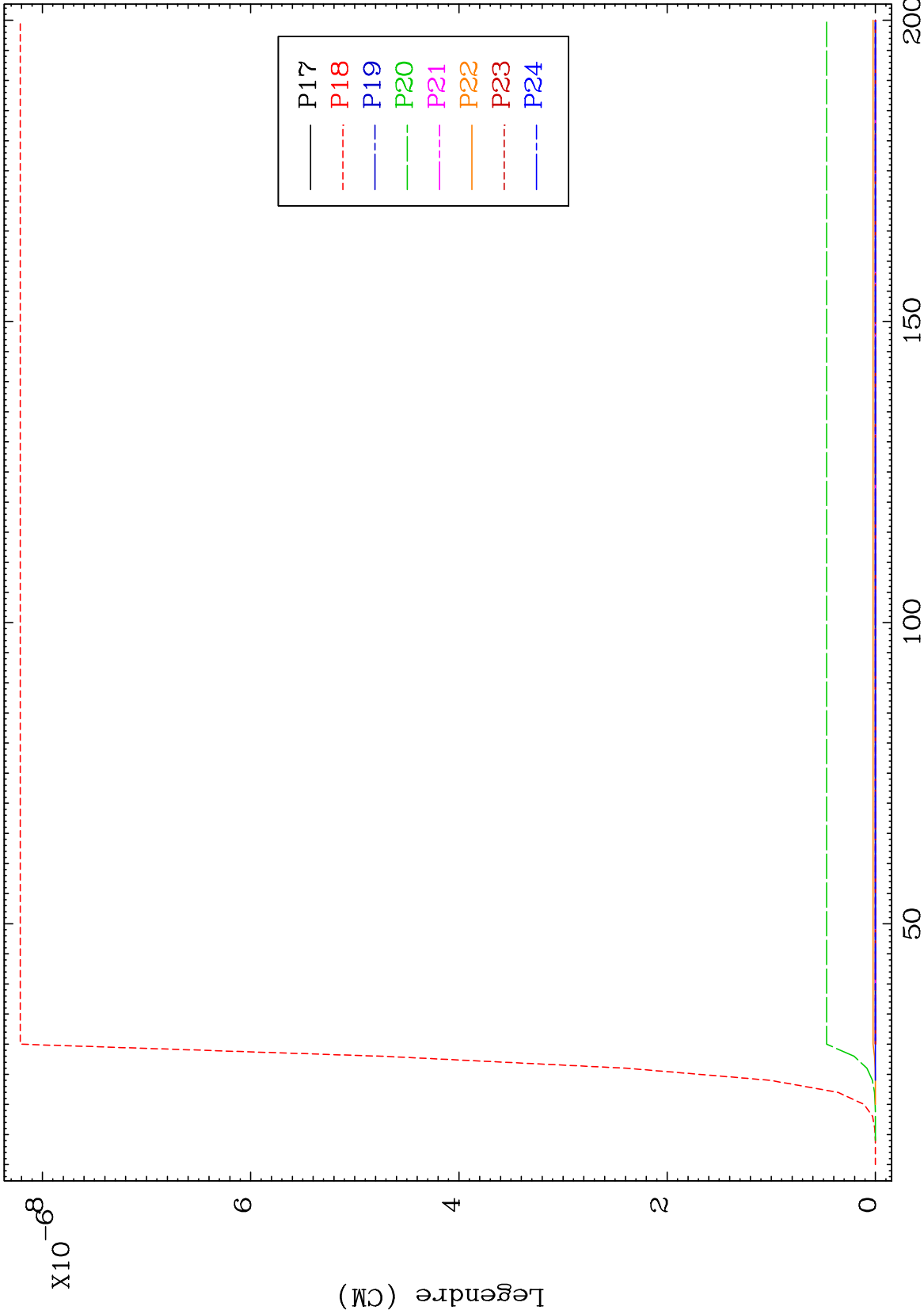
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



45

Incident Energy (MeV)

50

100

150

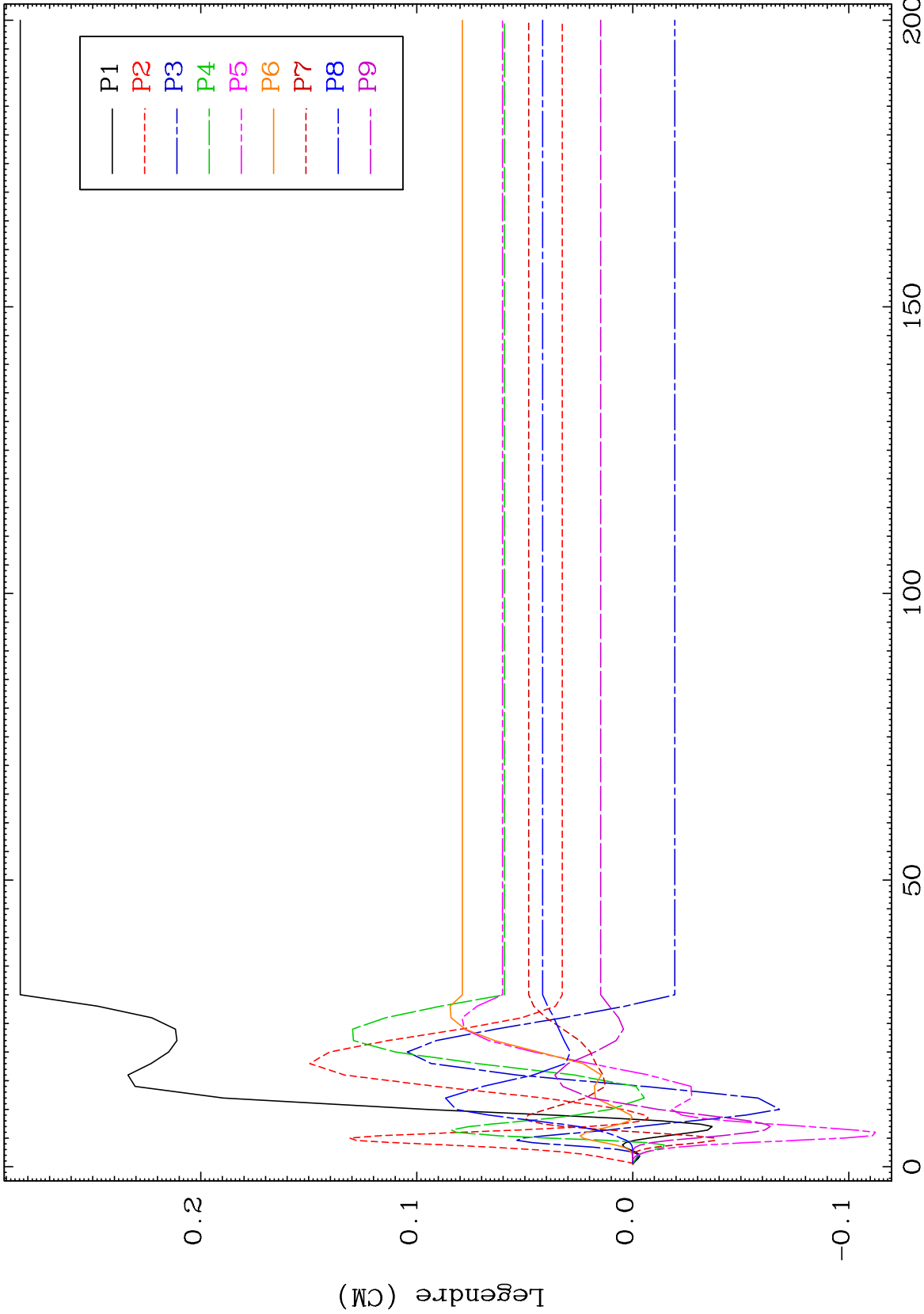
200

59-Pr-134

MAT 5904

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

59-Pr-134



46

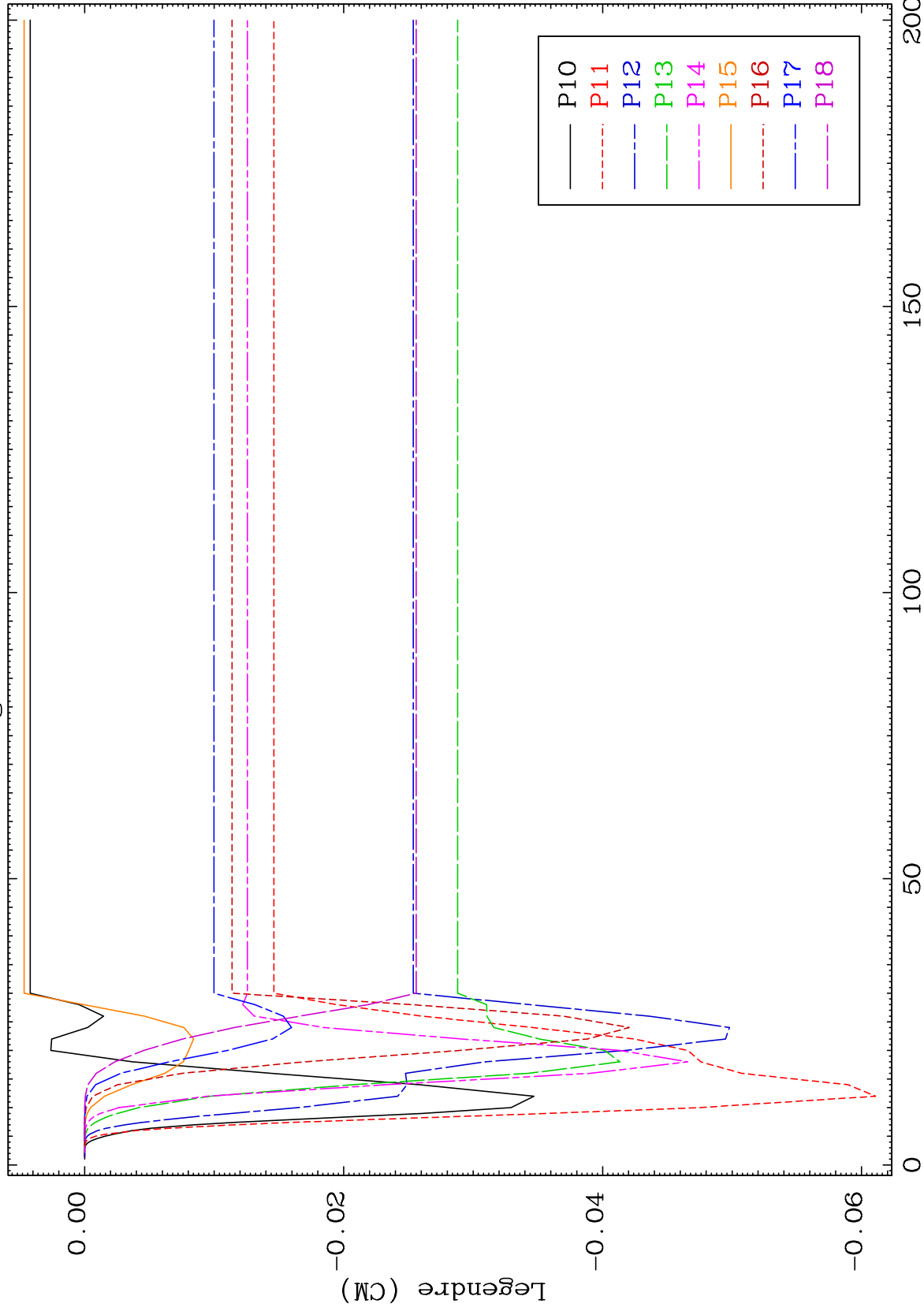
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



47

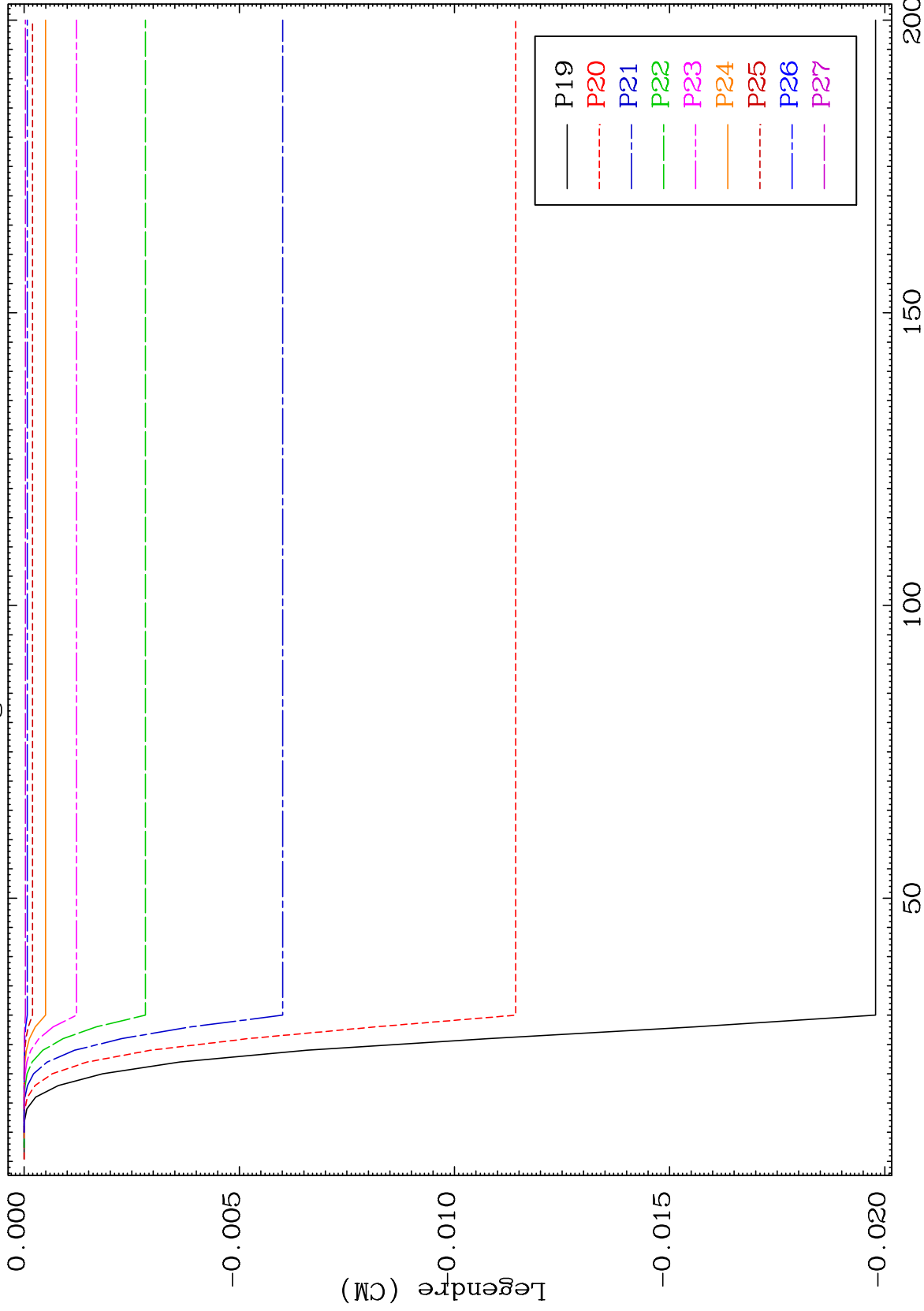
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



48

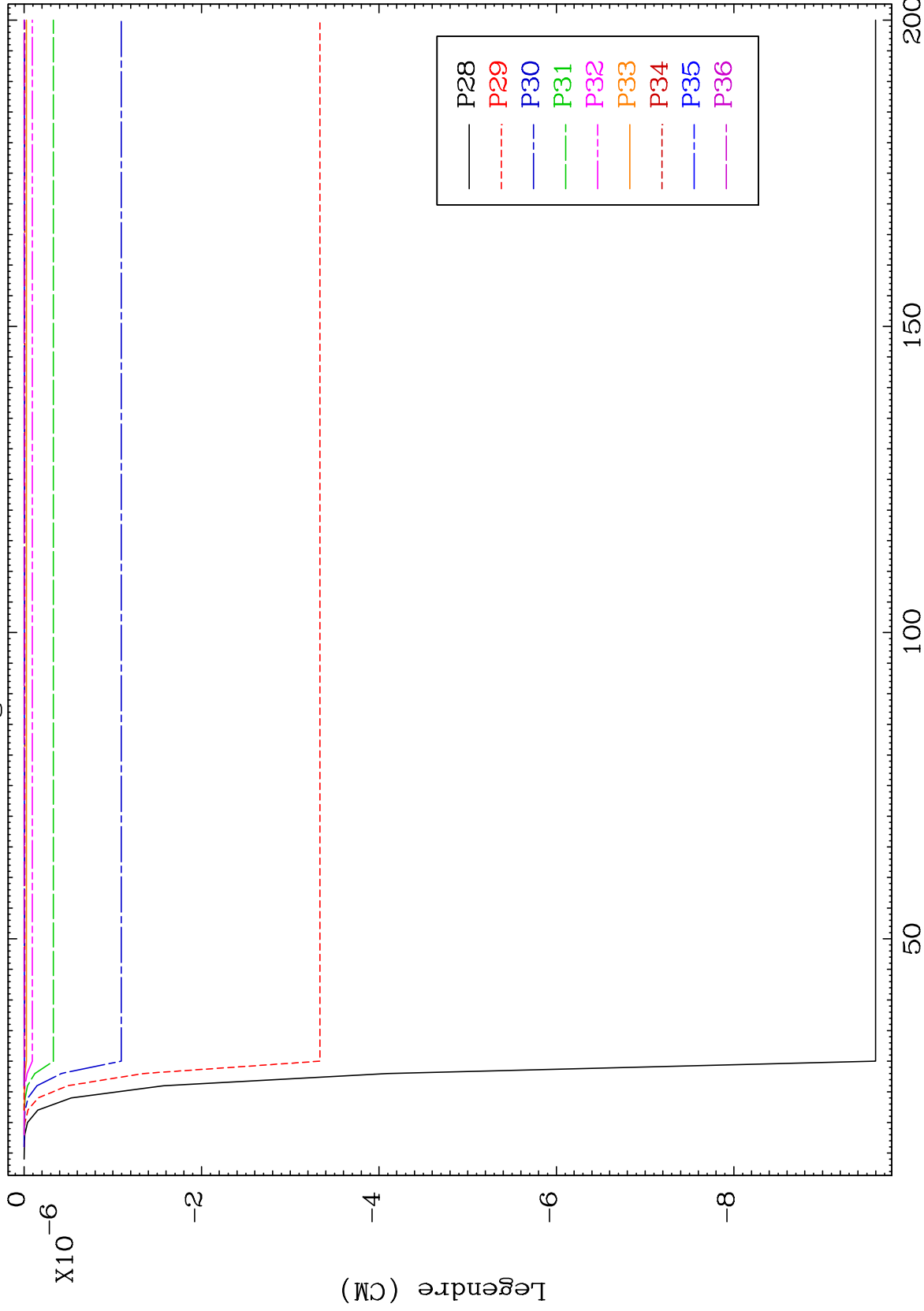
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

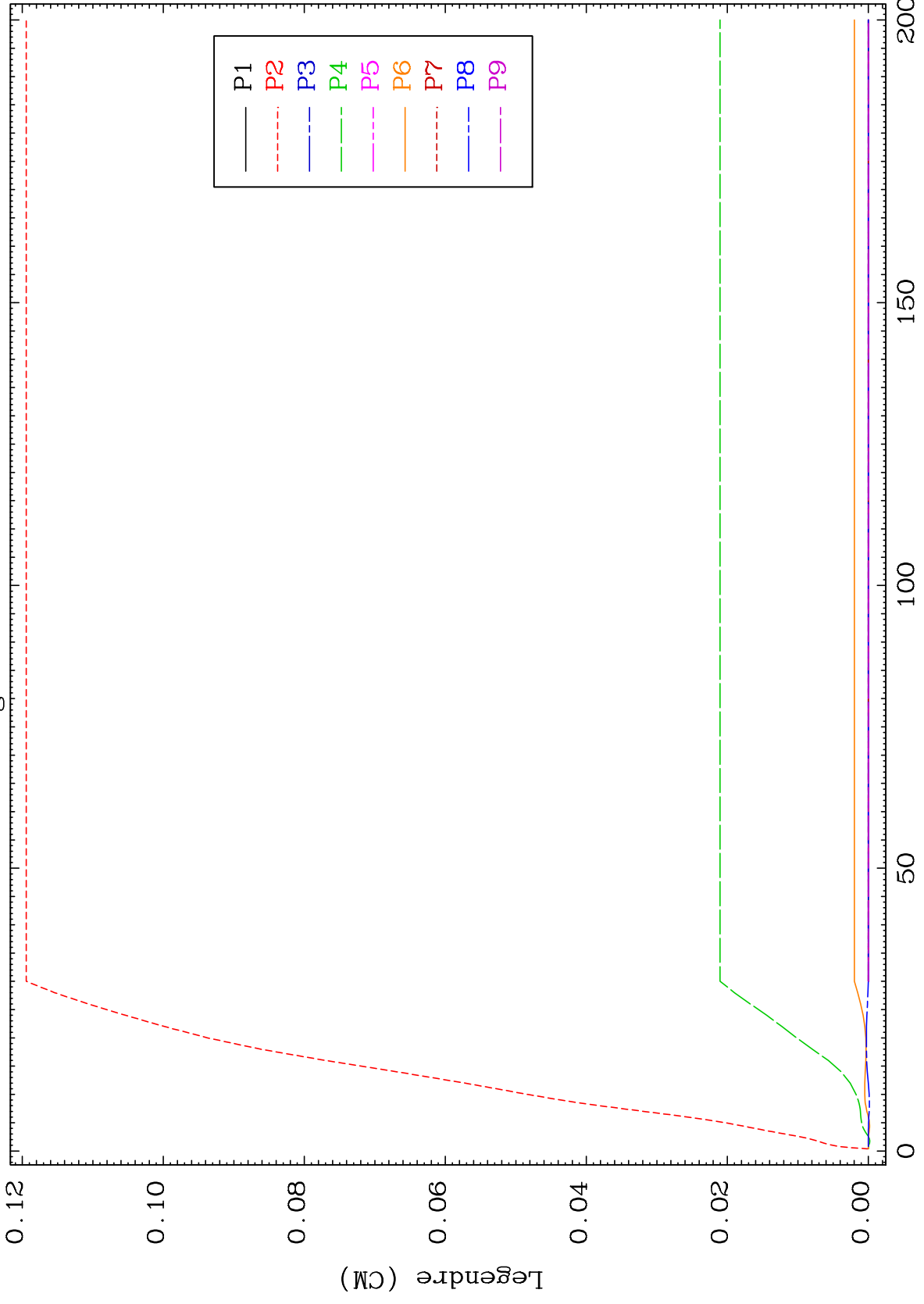
59-Pr-134



49

59-Pr-134

MAT 5904 MT= 59 (n,n') Level Legendre Coefficients 59-Pr-134

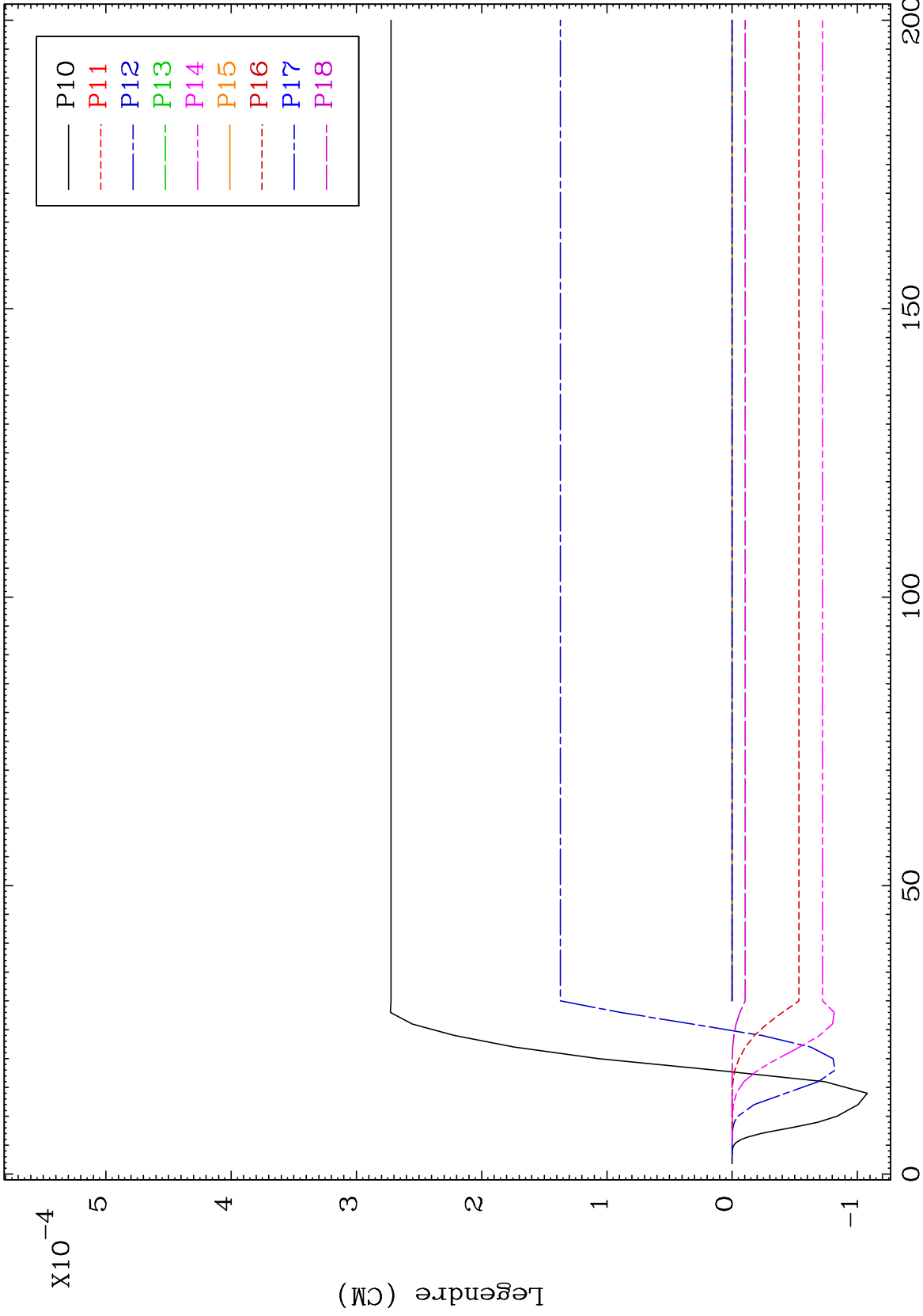


59-Pr-134

MAT 5904

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

59-Pr-134



51

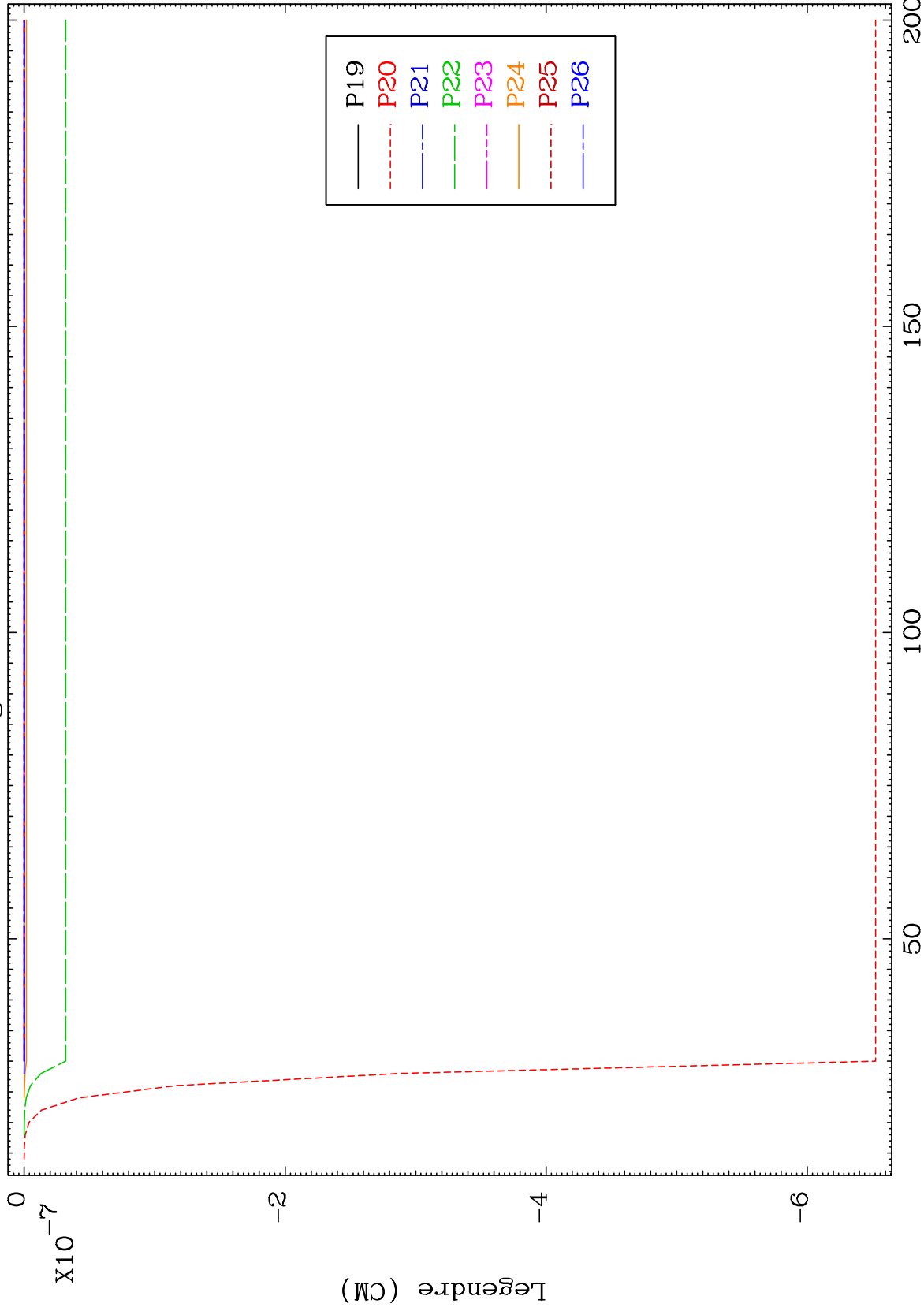
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



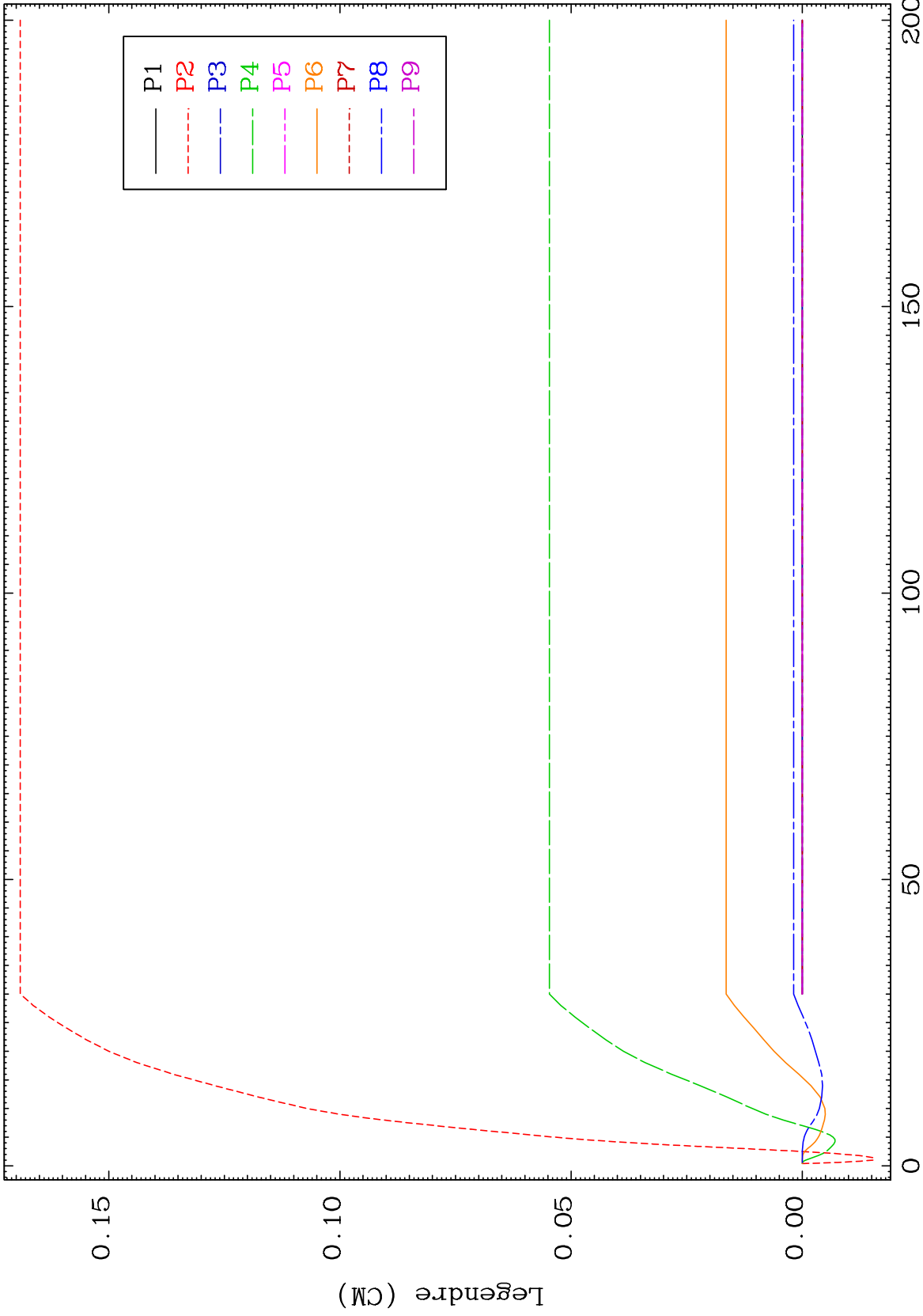
52

59-Pr-134

MAT 5904

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

59-Pr-134



53

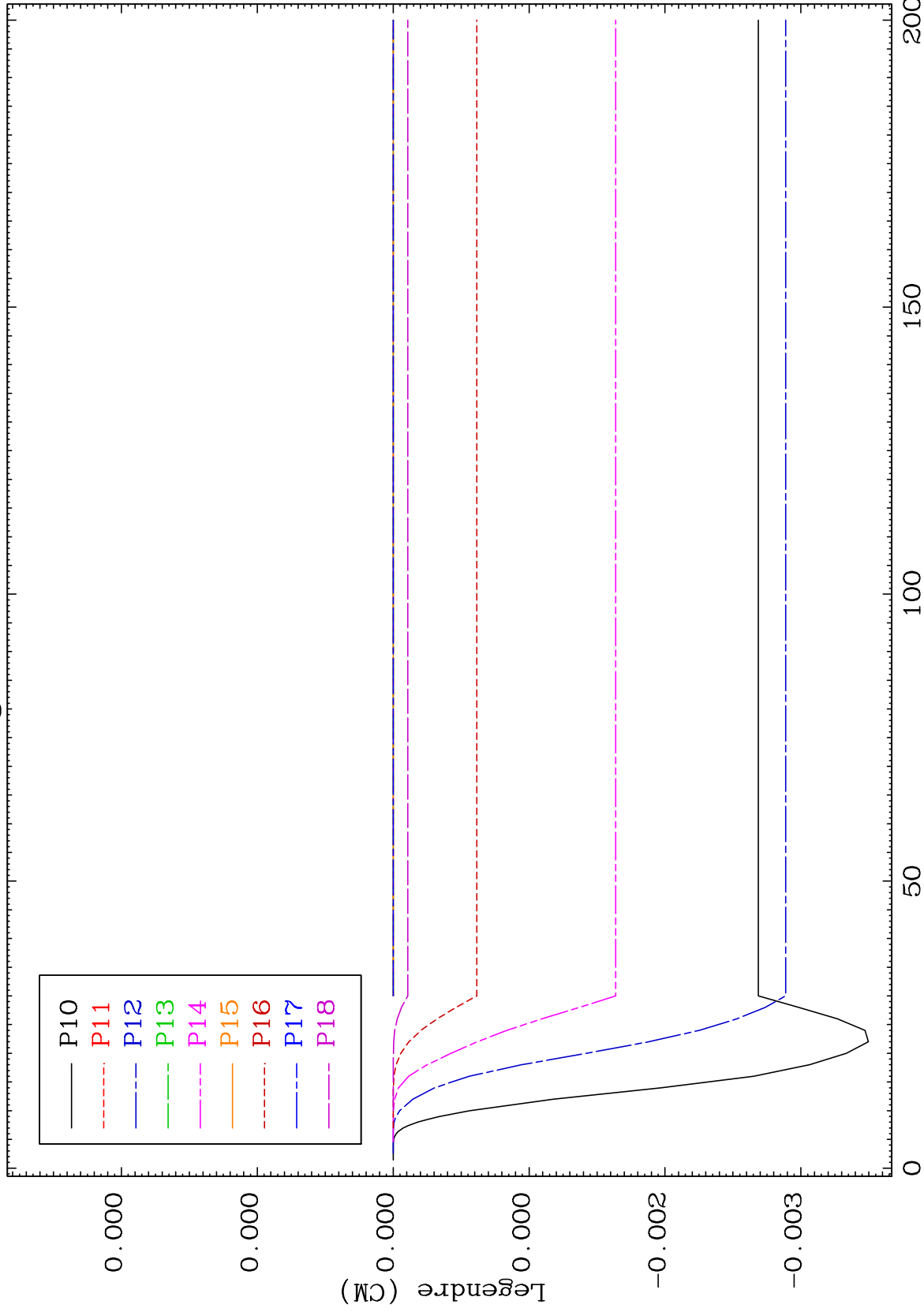
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



54

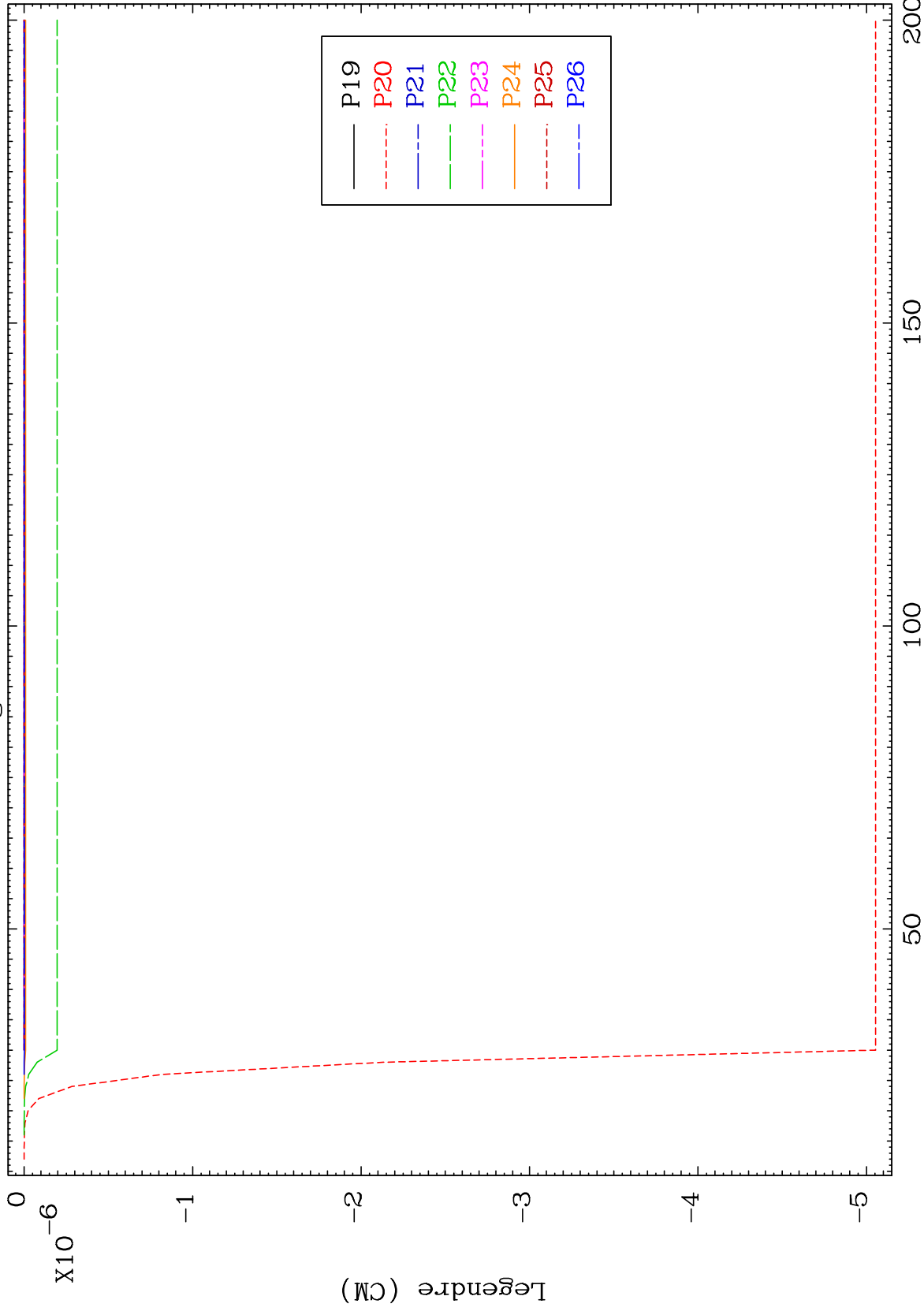
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



55

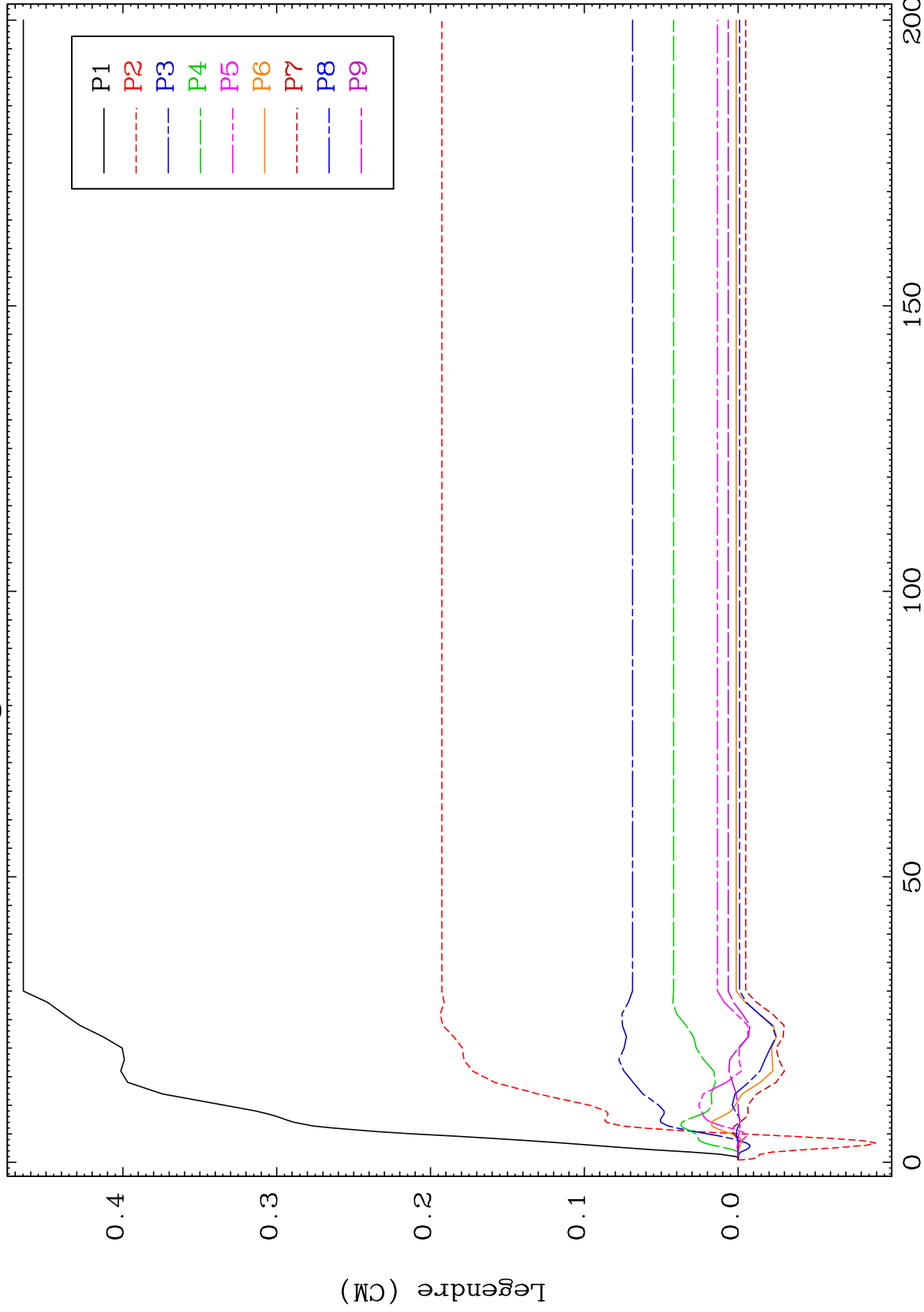
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



56

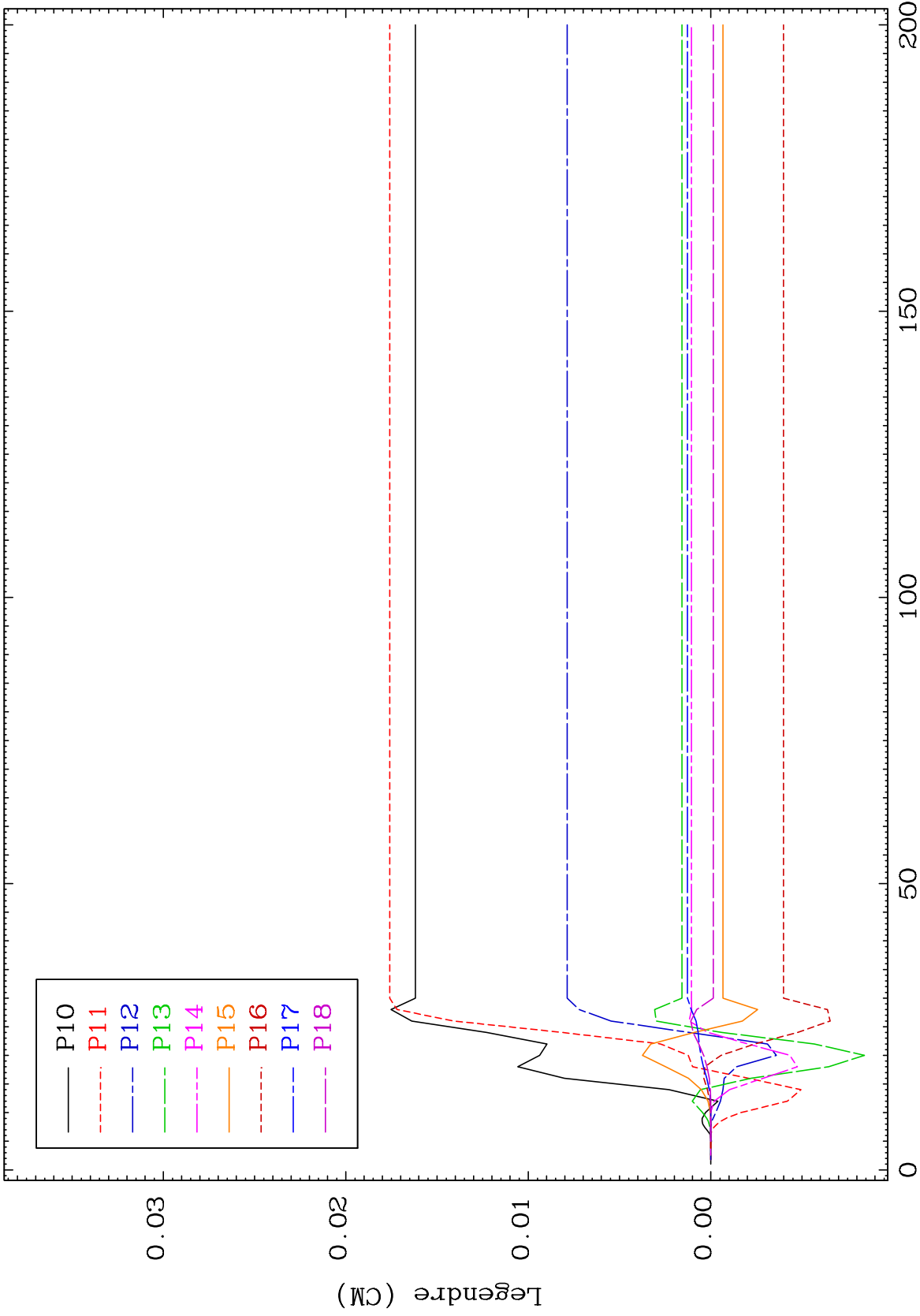
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



57

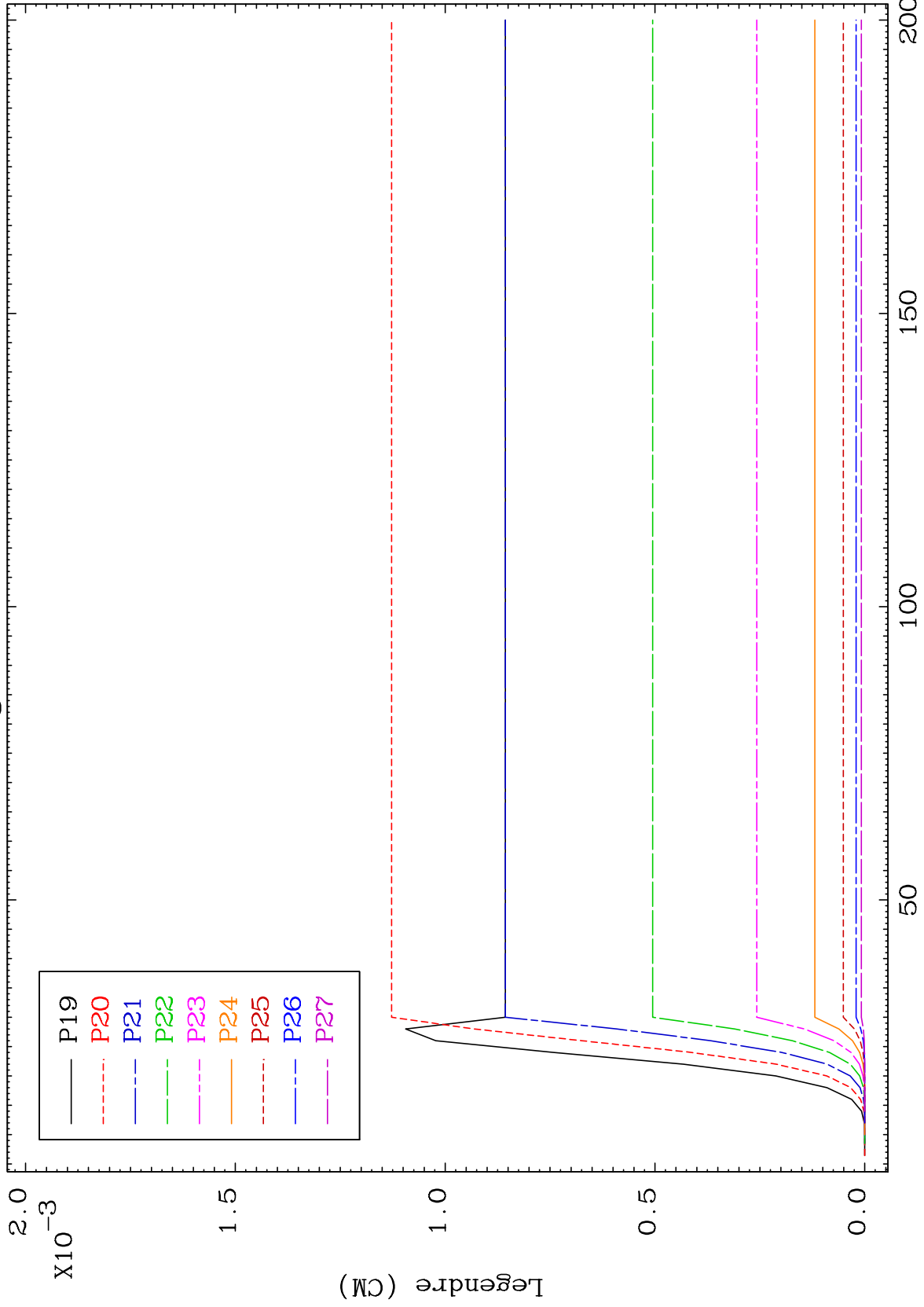
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



58

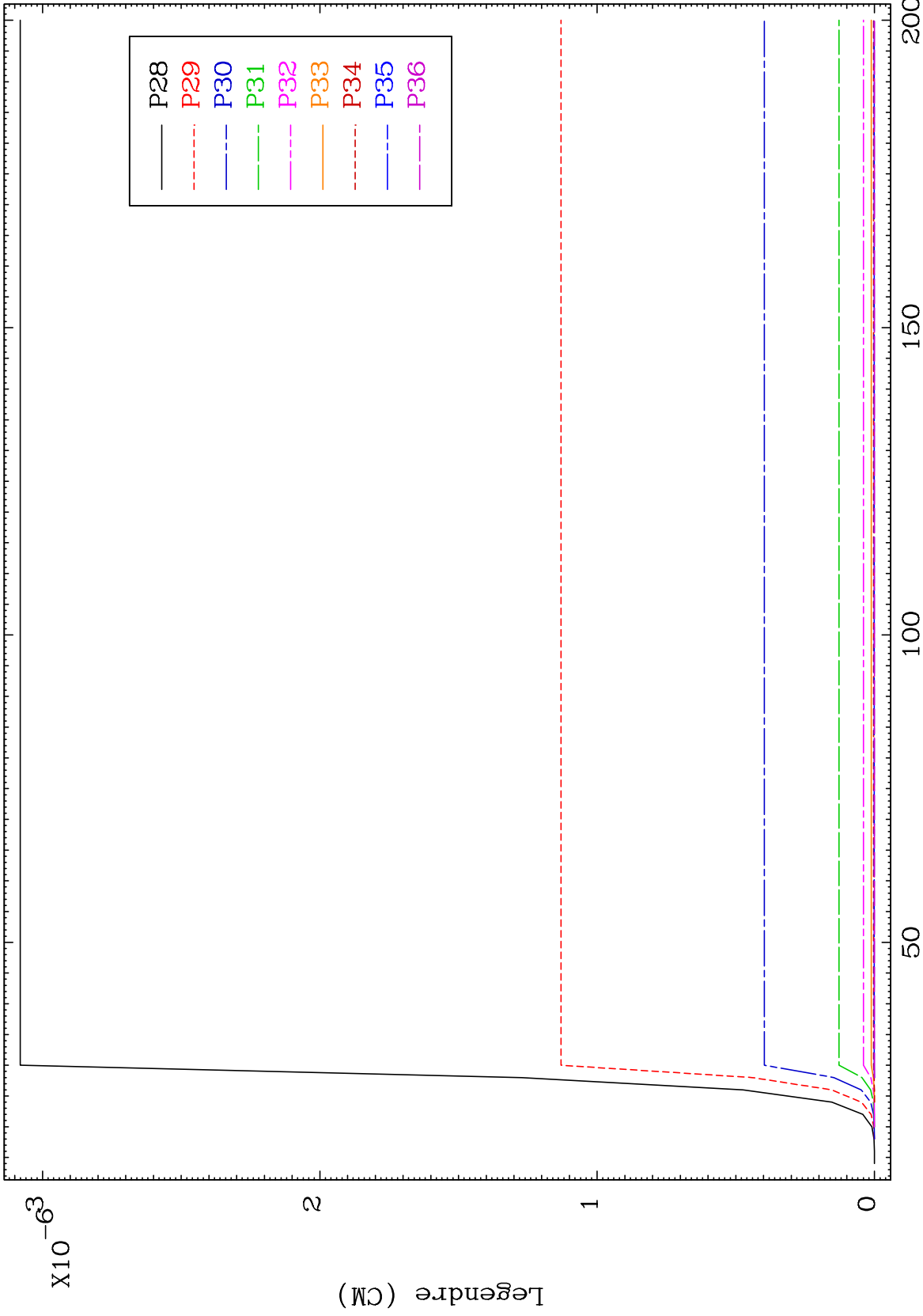
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



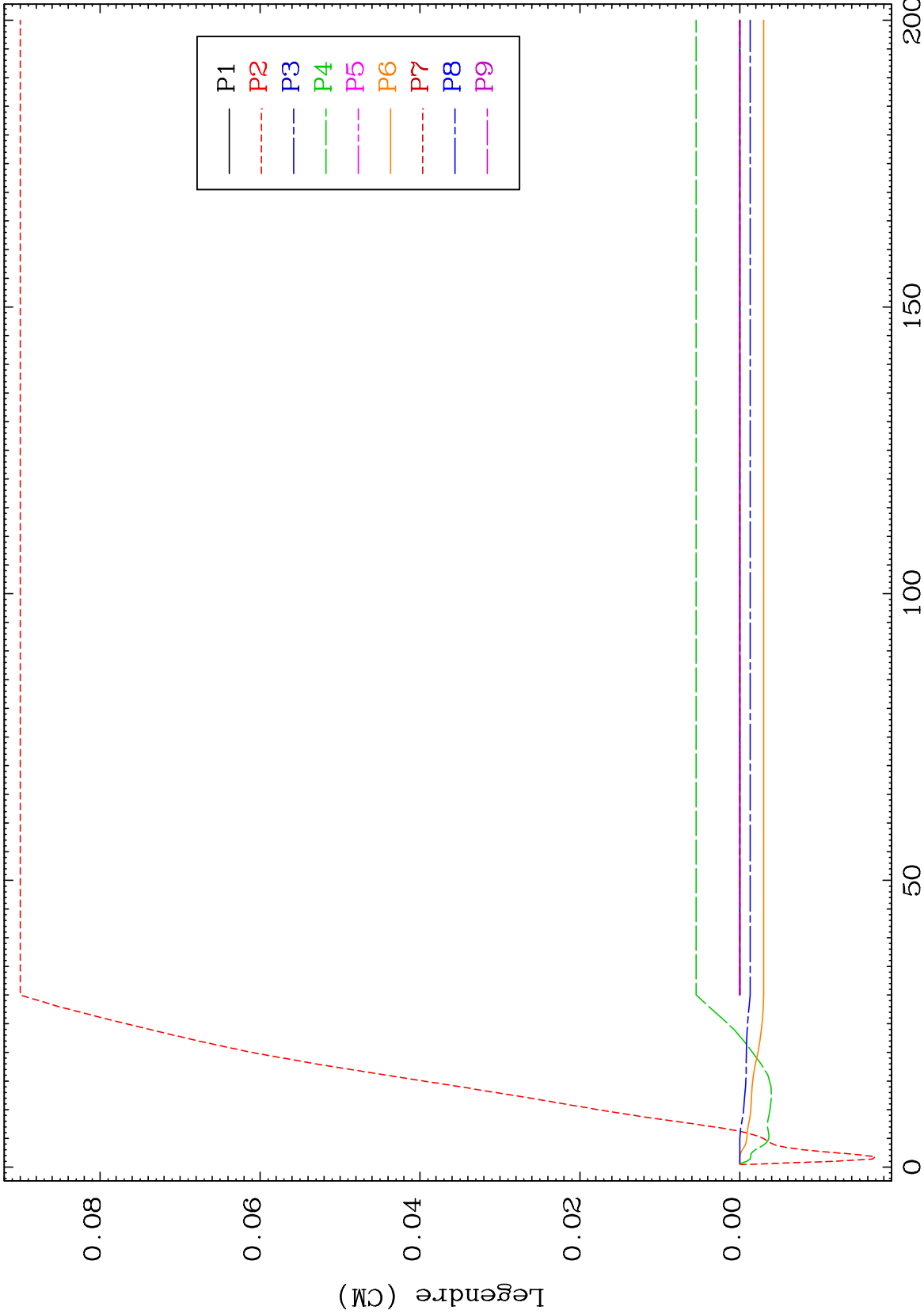
59

59-Pr-134

MAT 5904

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

59-Pr-134



60

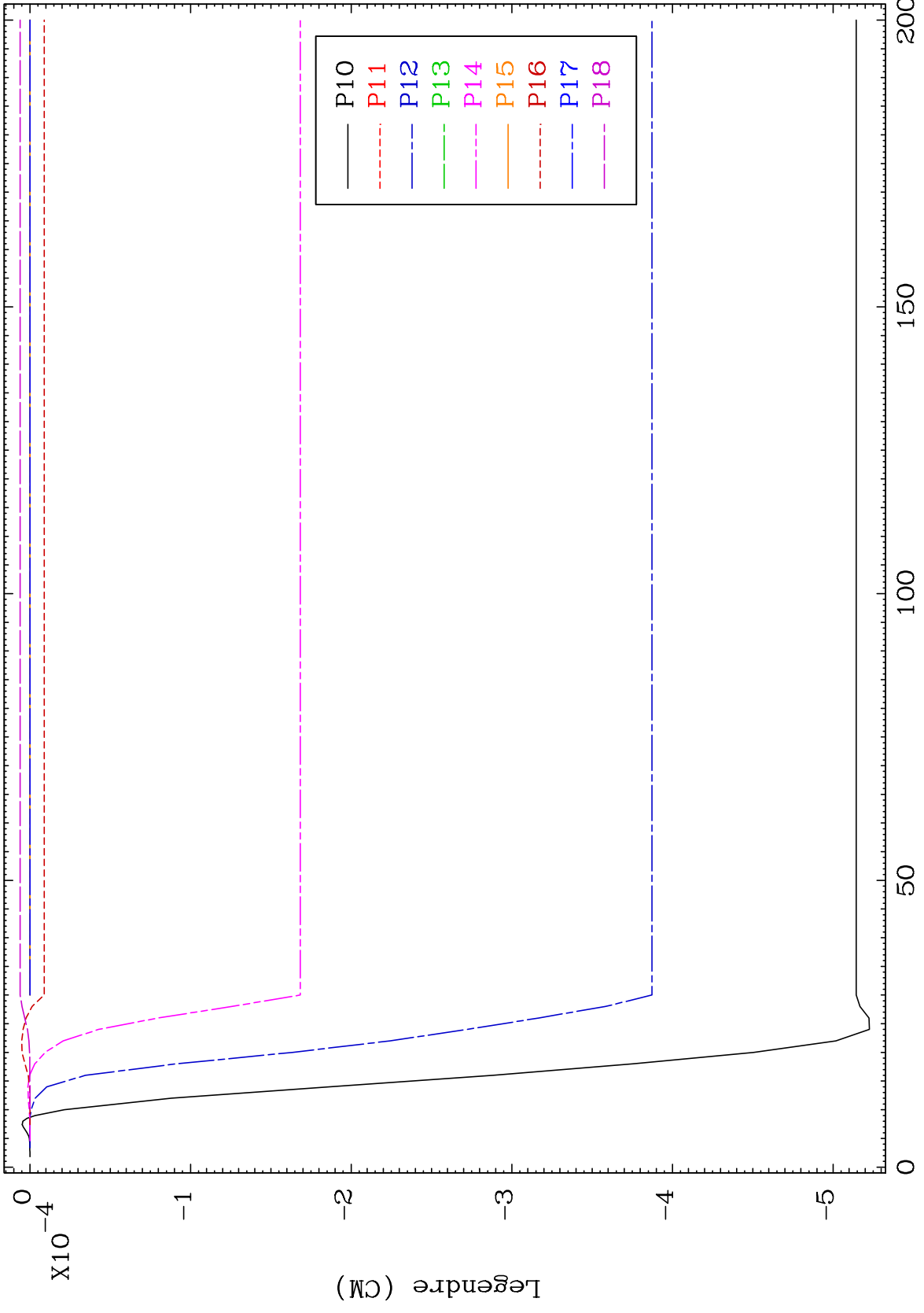
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



61

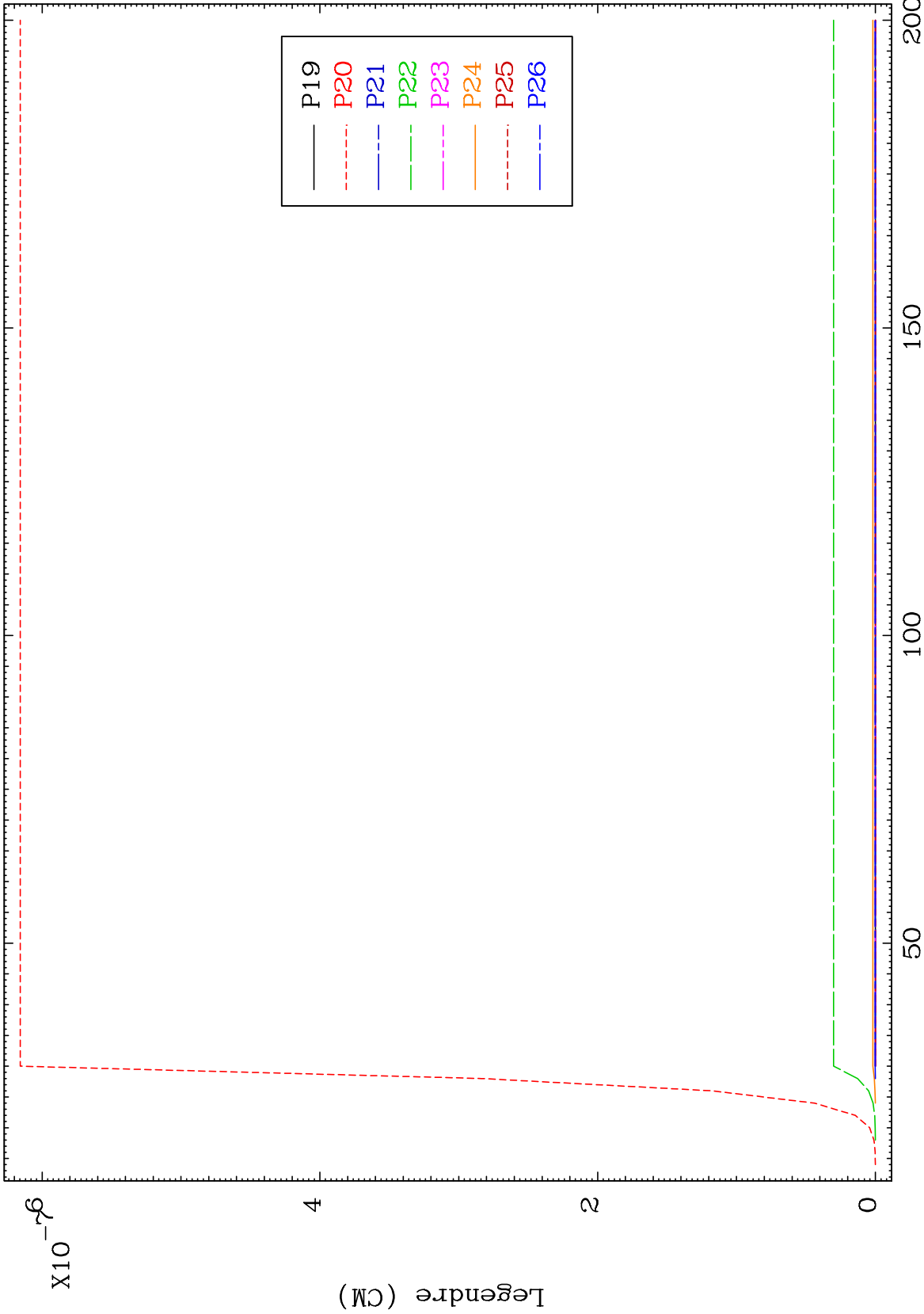
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



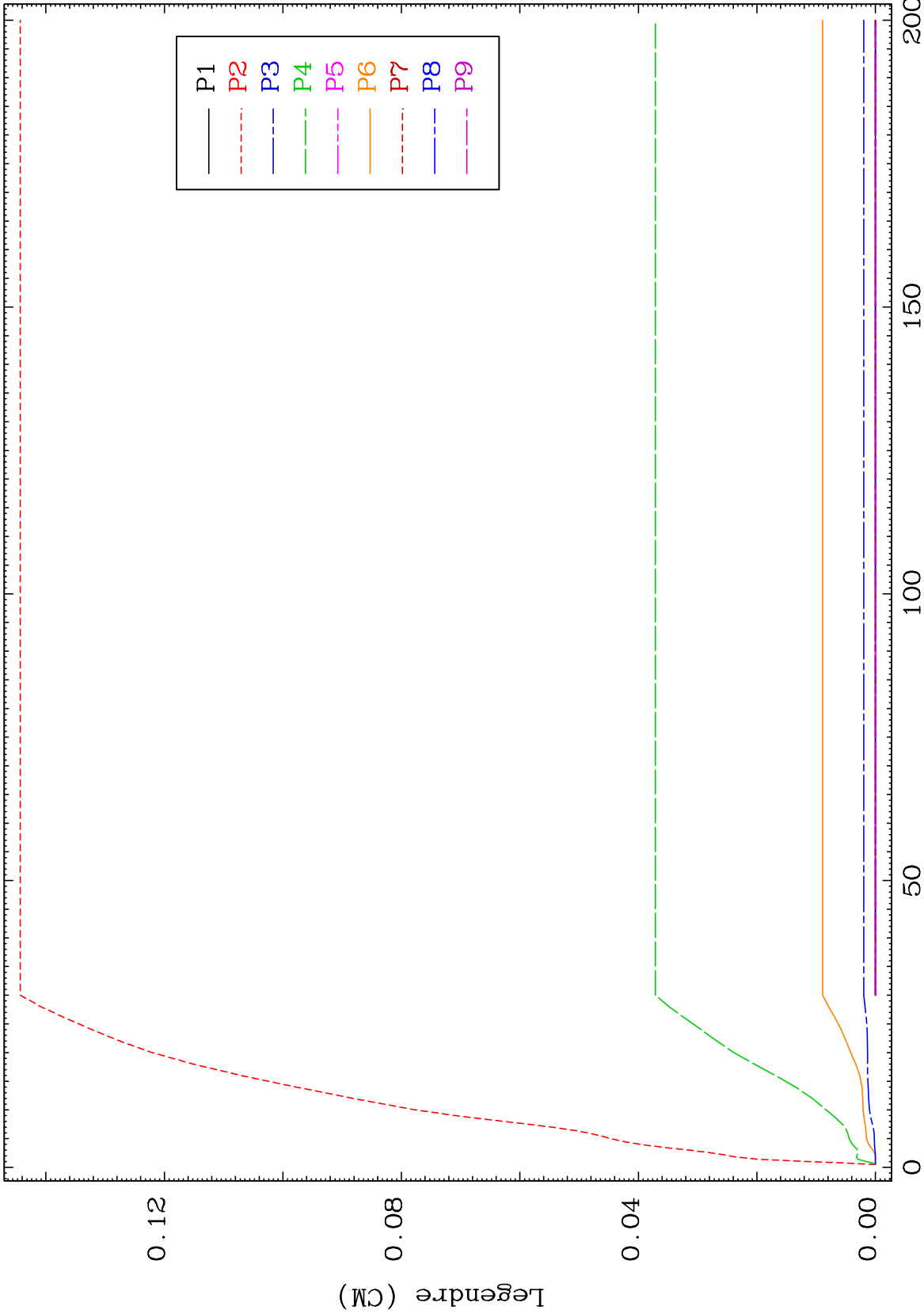
62

59-Pr-134

MAT 5904

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

59-Pr-134



63

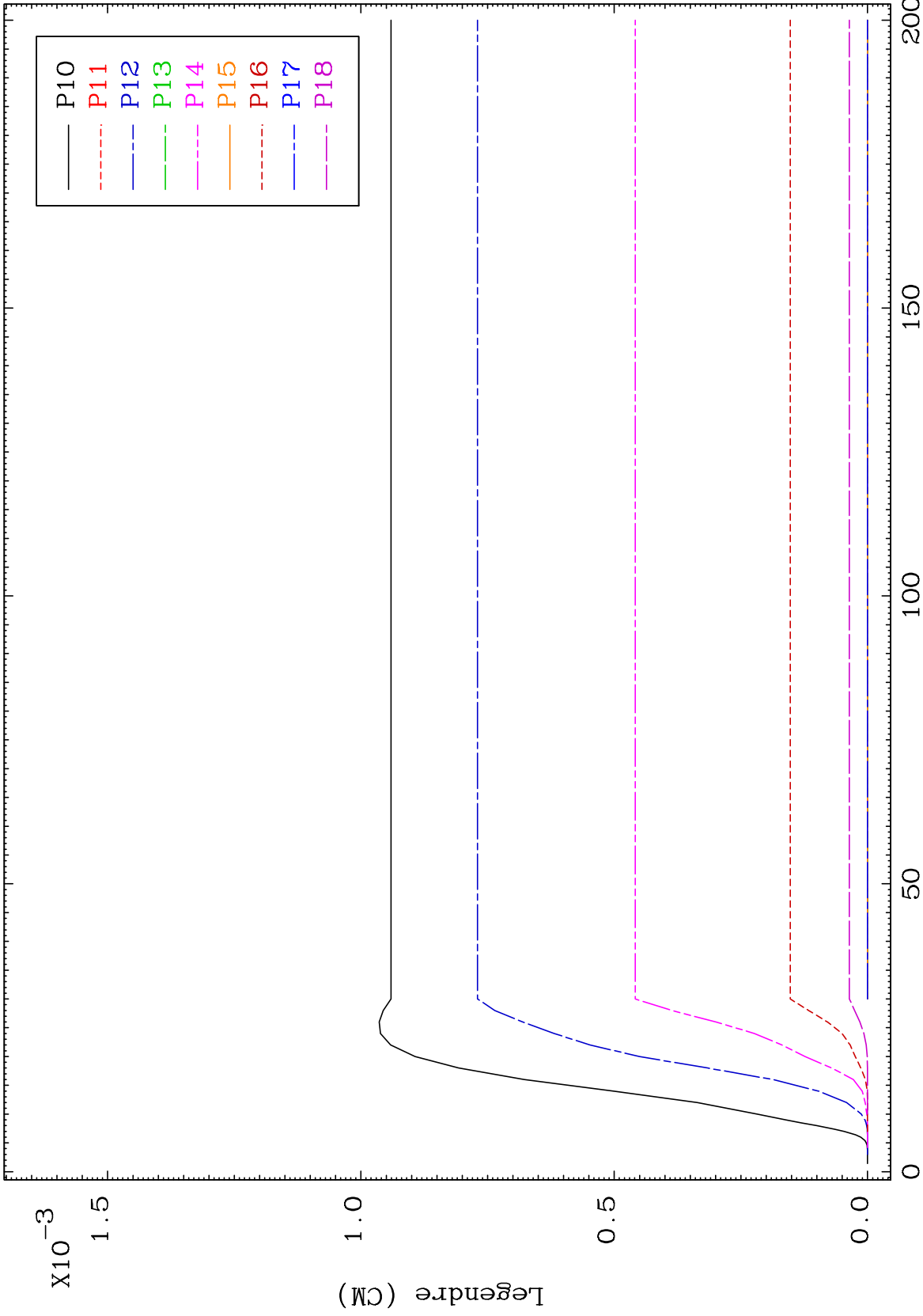
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



64

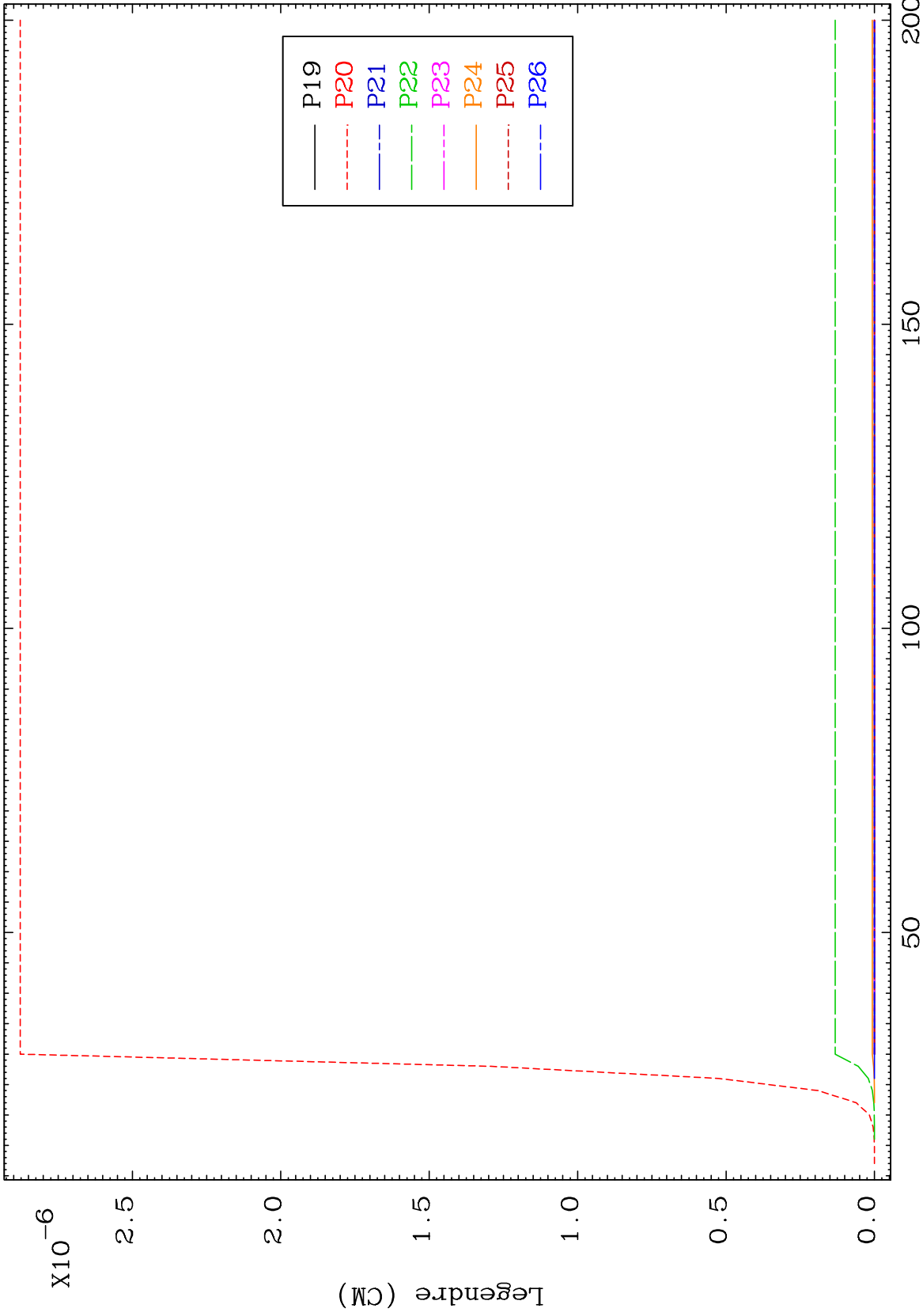
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



65

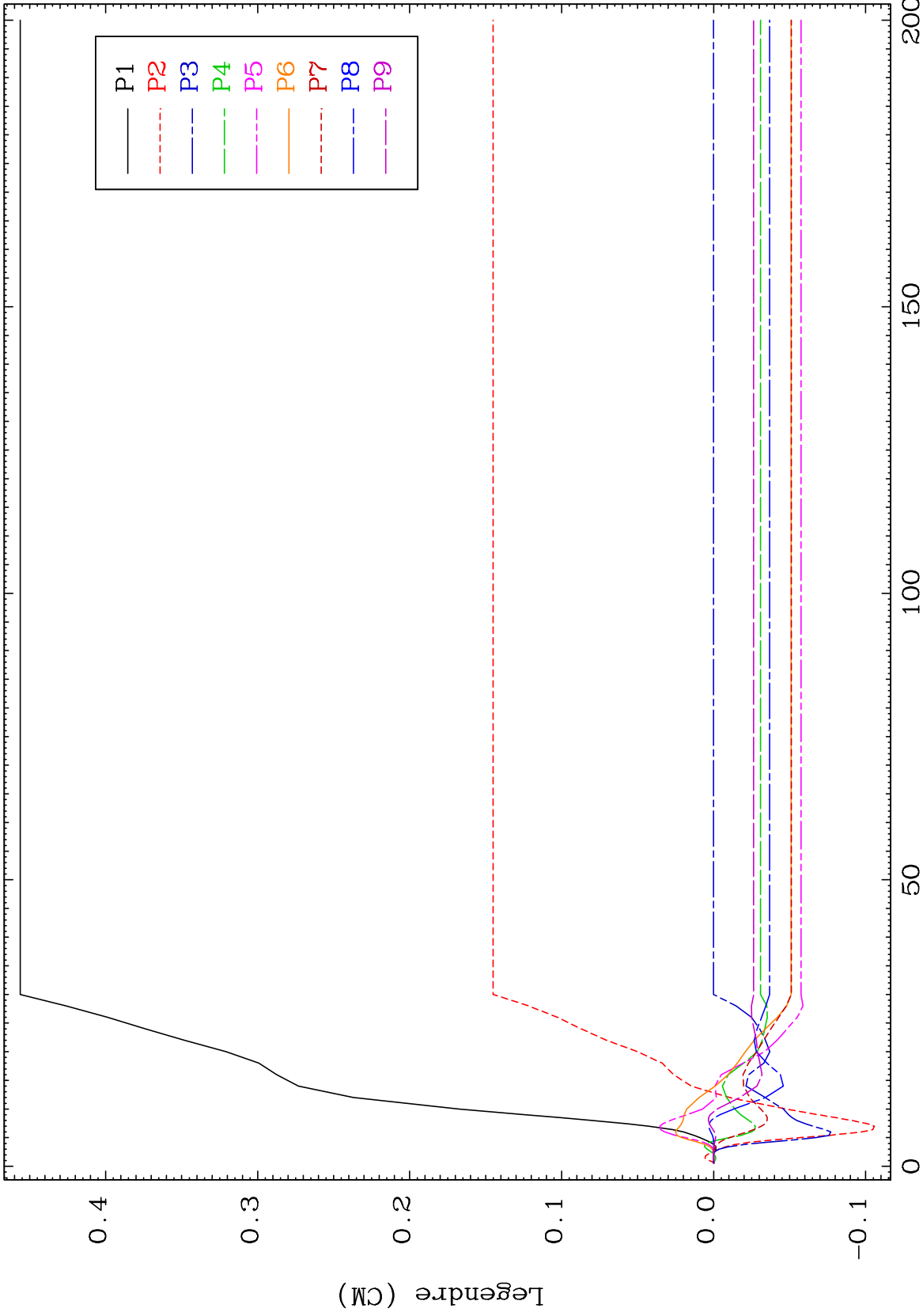
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



66

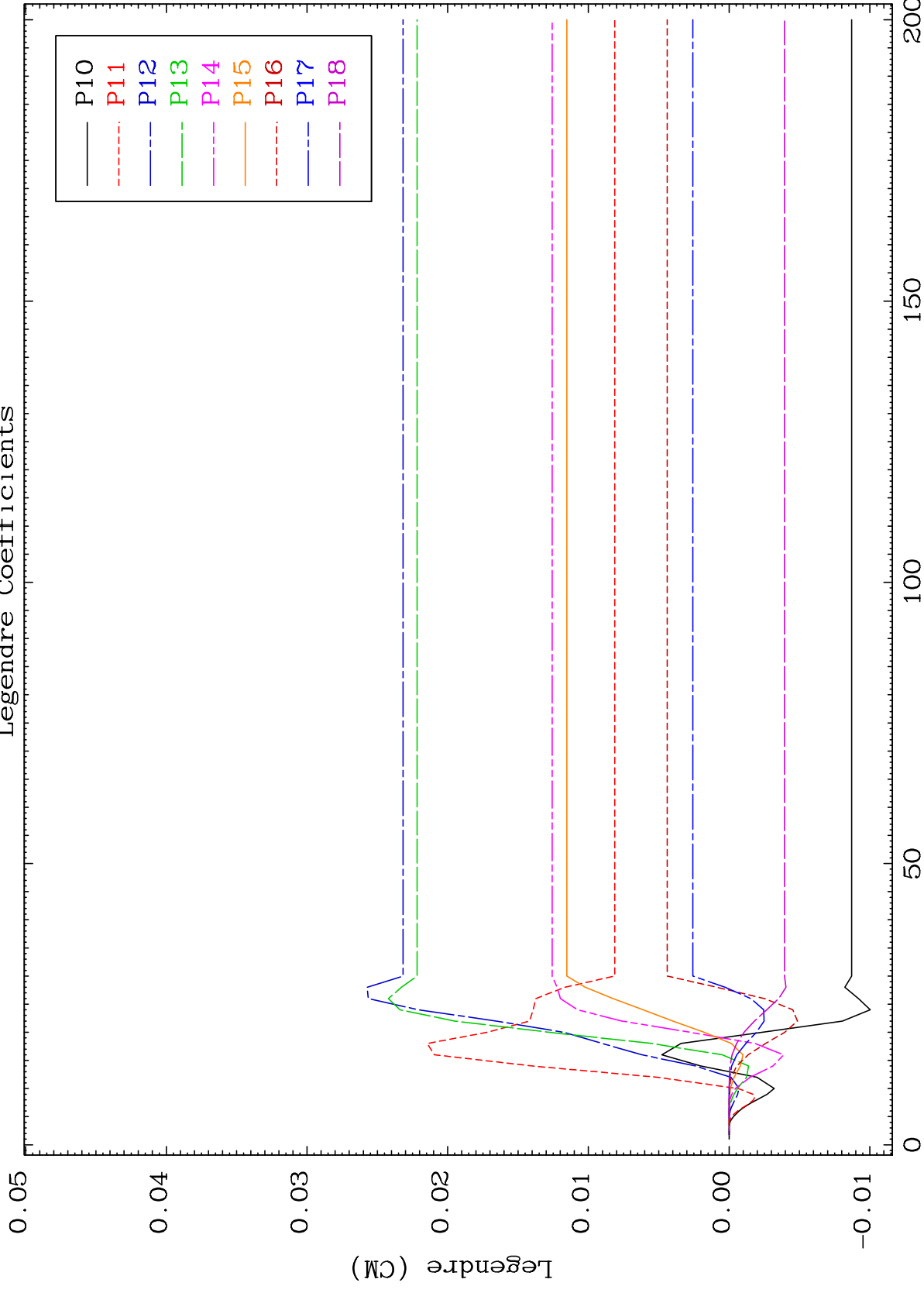
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



67

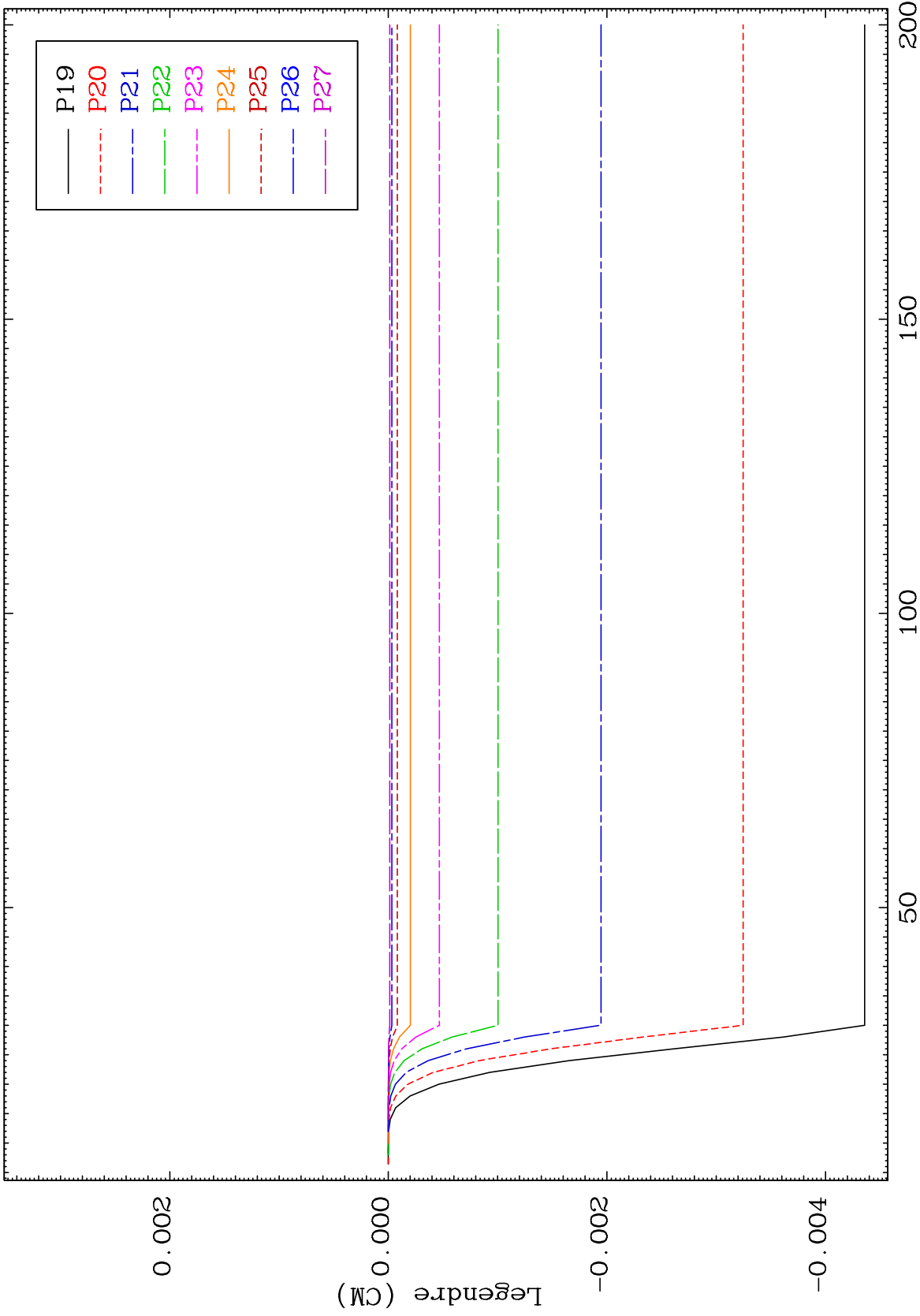
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



68

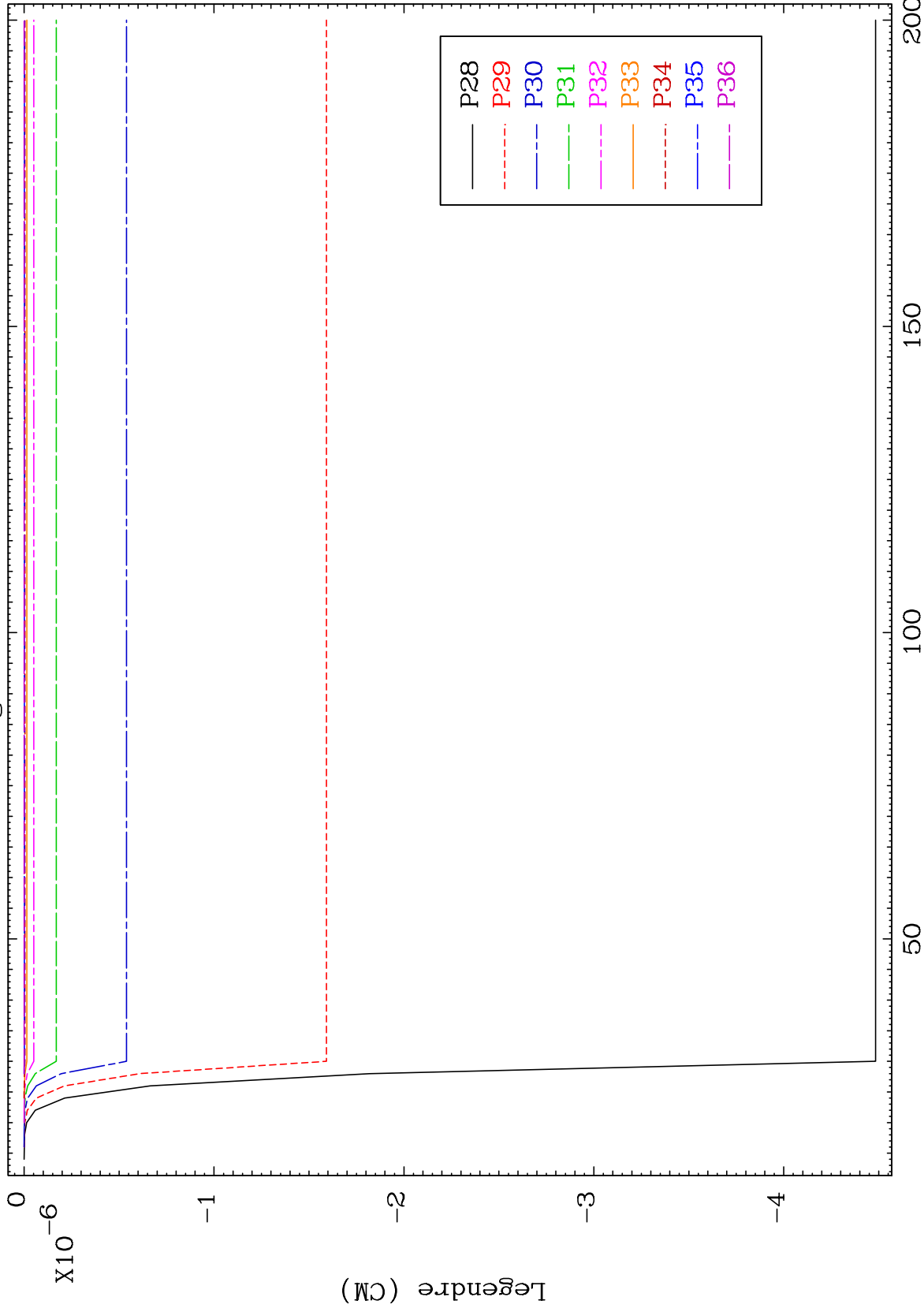
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



69

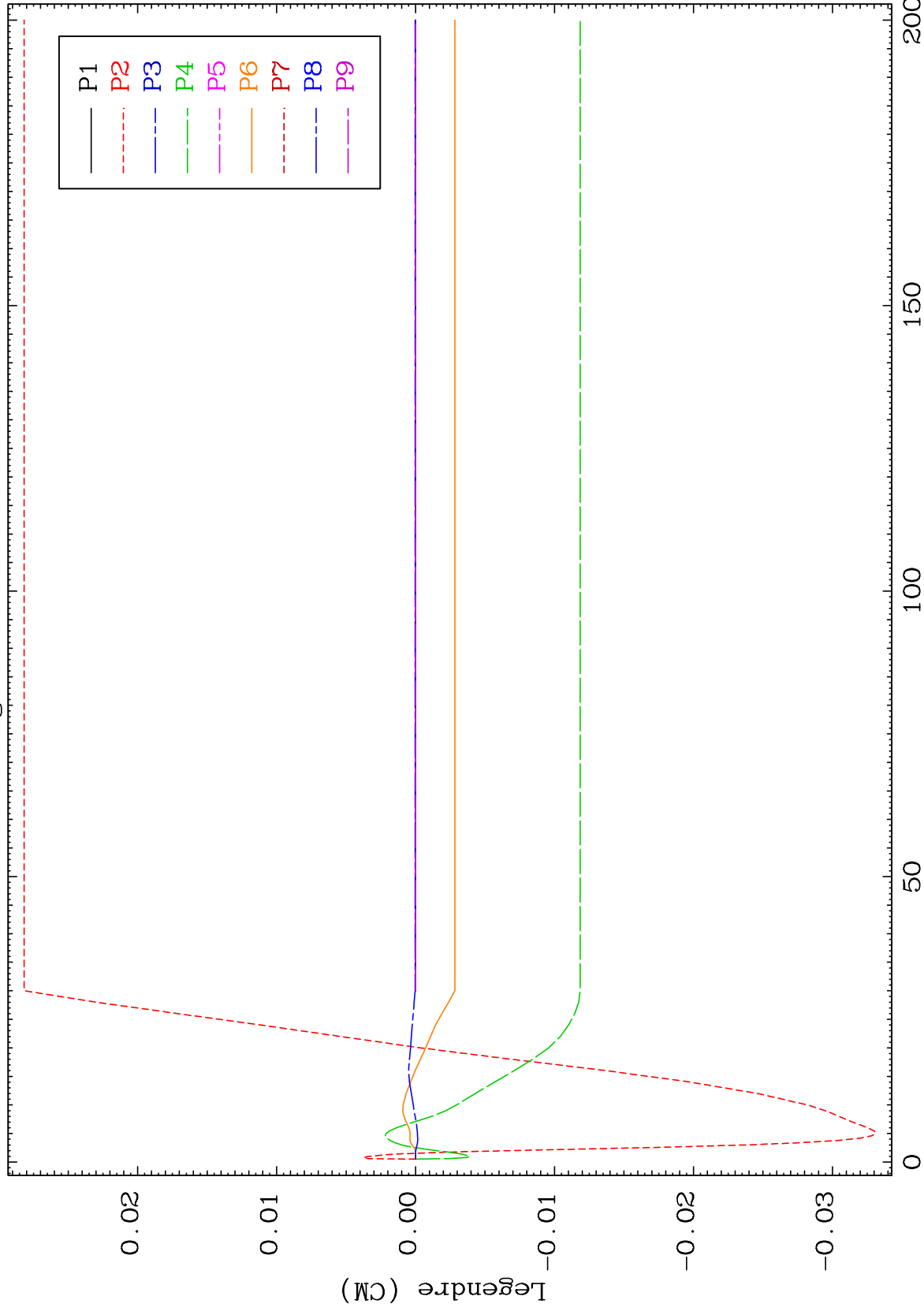
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

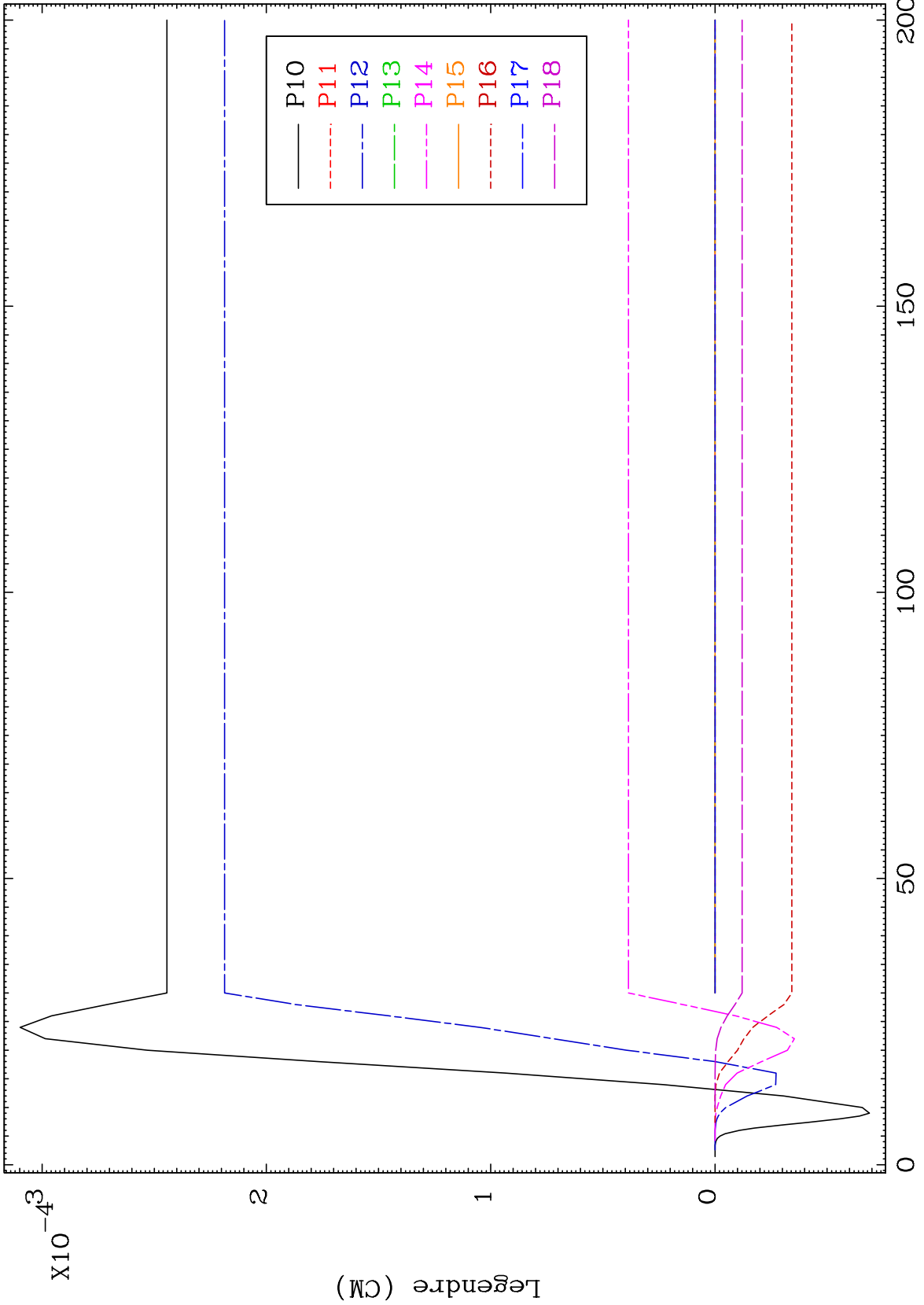
59-Pr-134



70

Incident Energy (MeV)

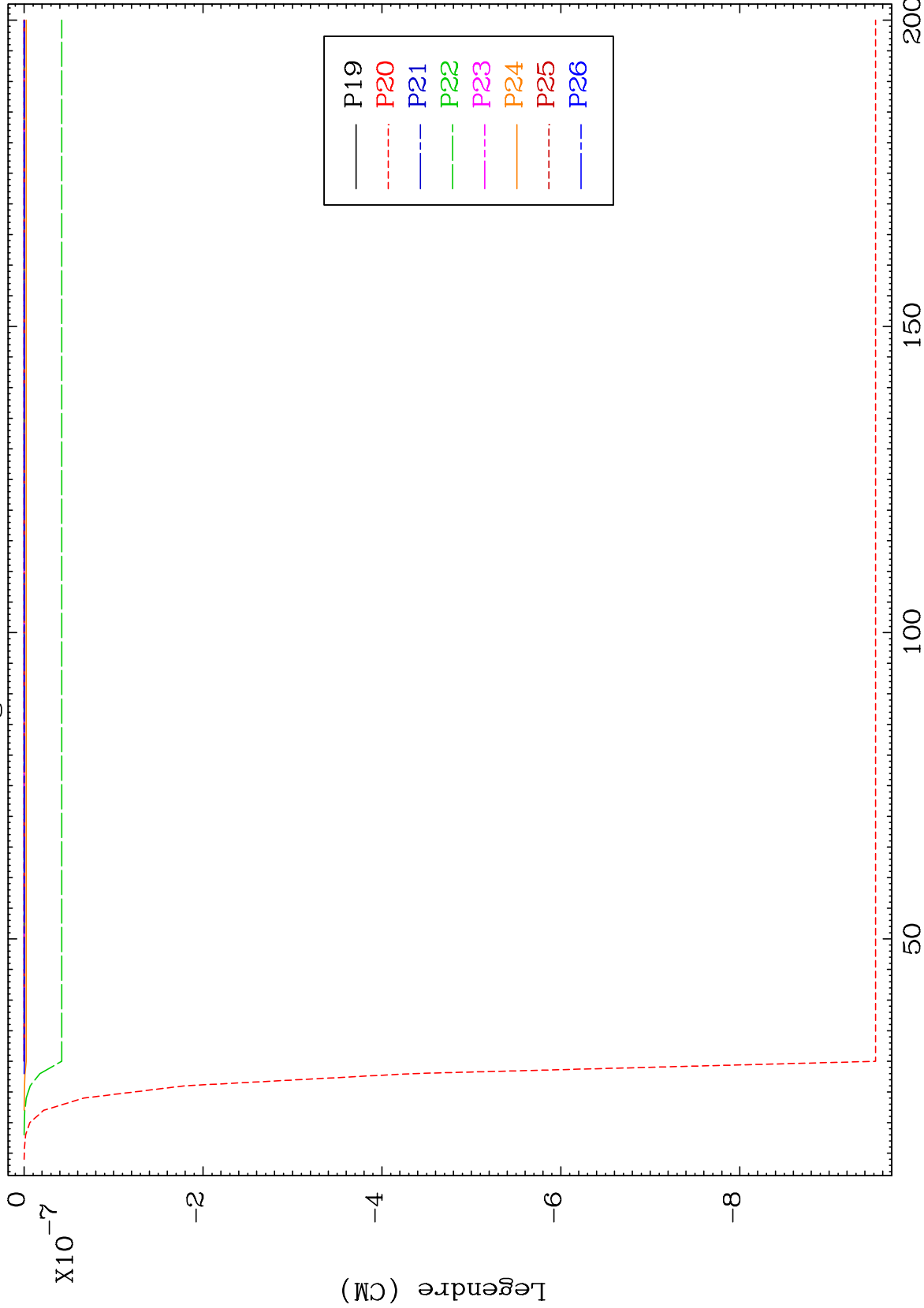
59-Pr-134



MAT 5904

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

59-Pr-134

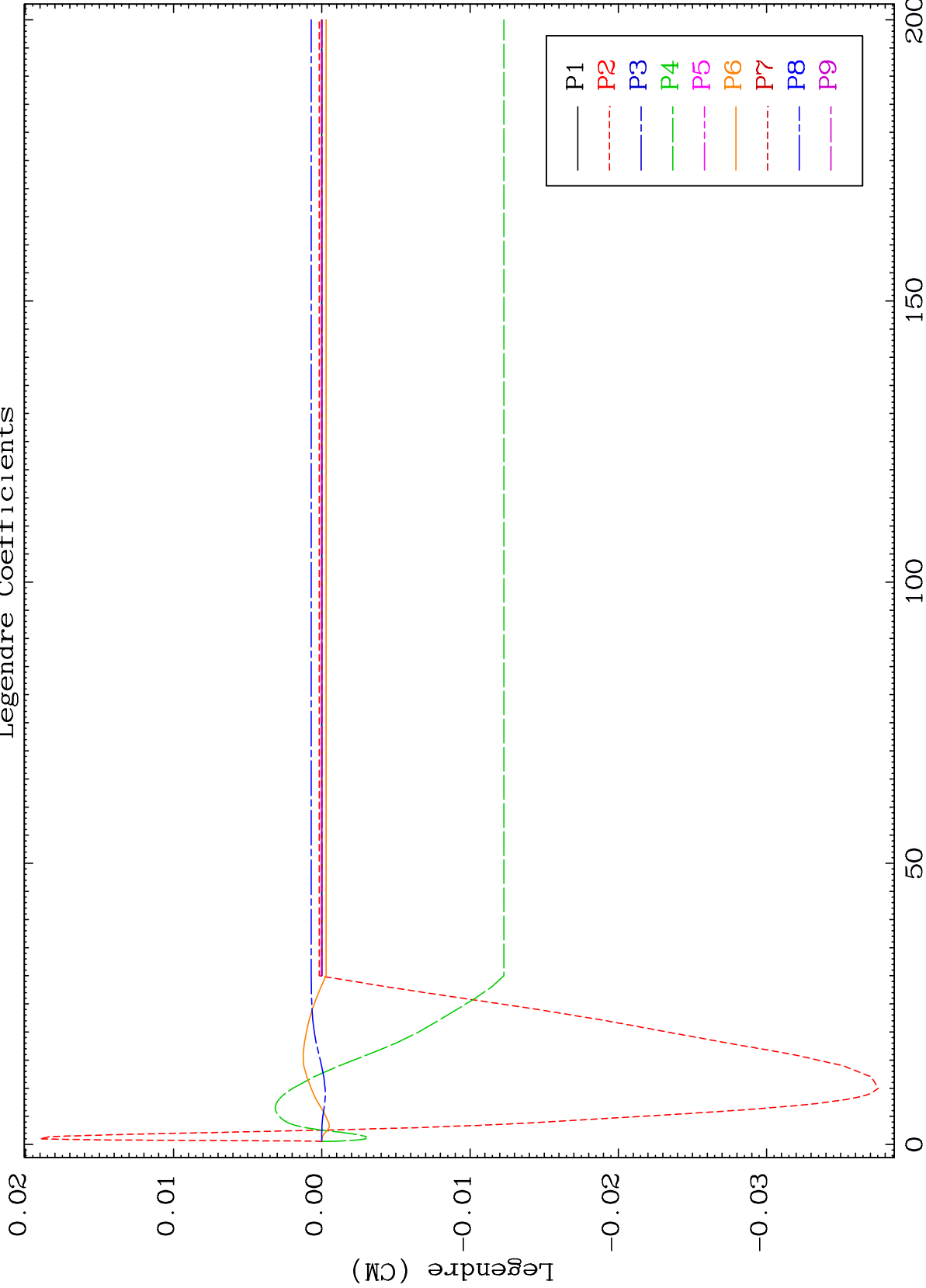


72

59-Pr-134

MAT 5904 MT= 66 (n,n') Level Legendre Coefficients

59-Pr-134



59-Pr-134

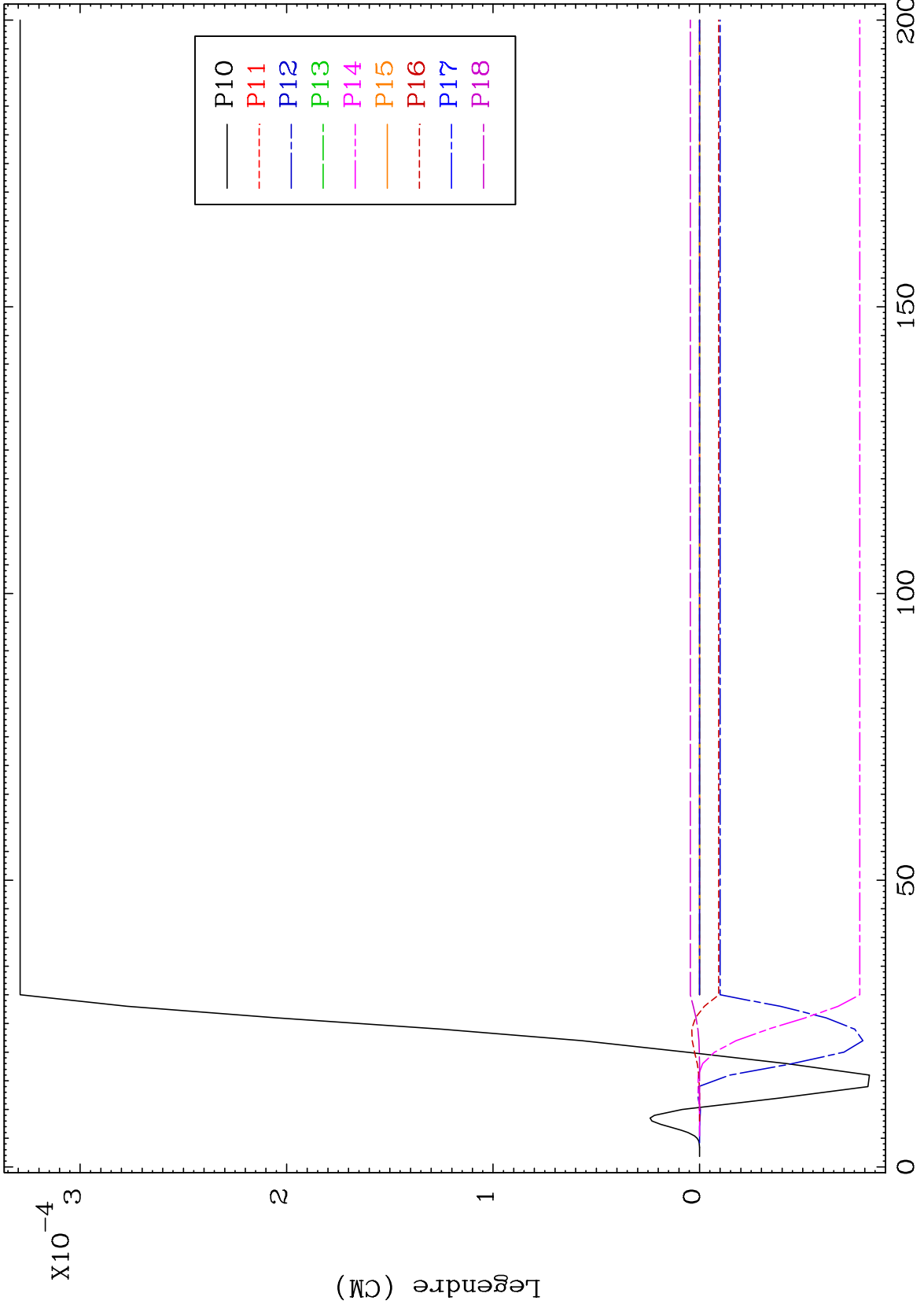
Incident Energy (MeV)

73

MAT 5904

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

59-Pr-134



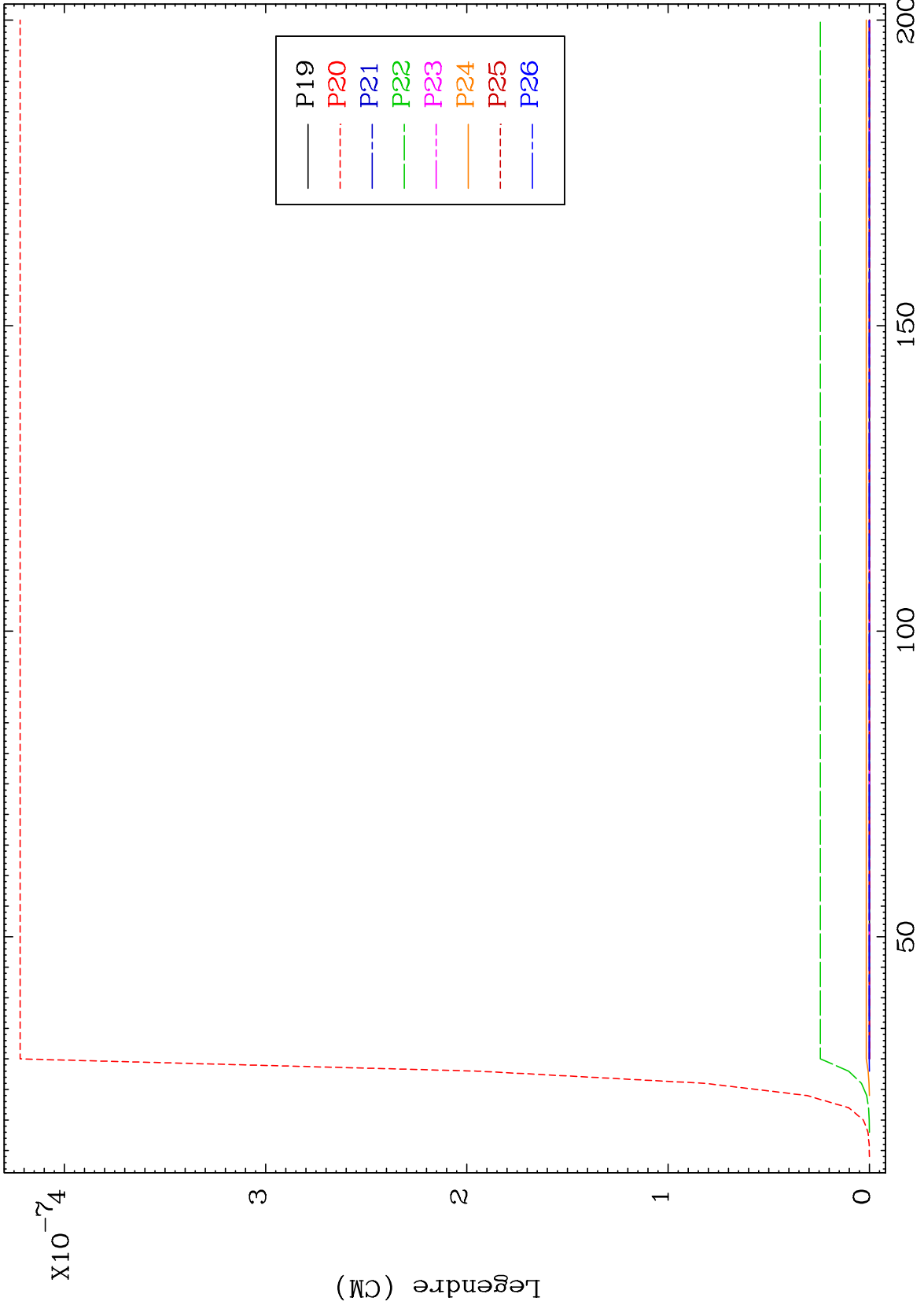
74

59-Pr-134

MAT 5904

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

59-Pr-134



75

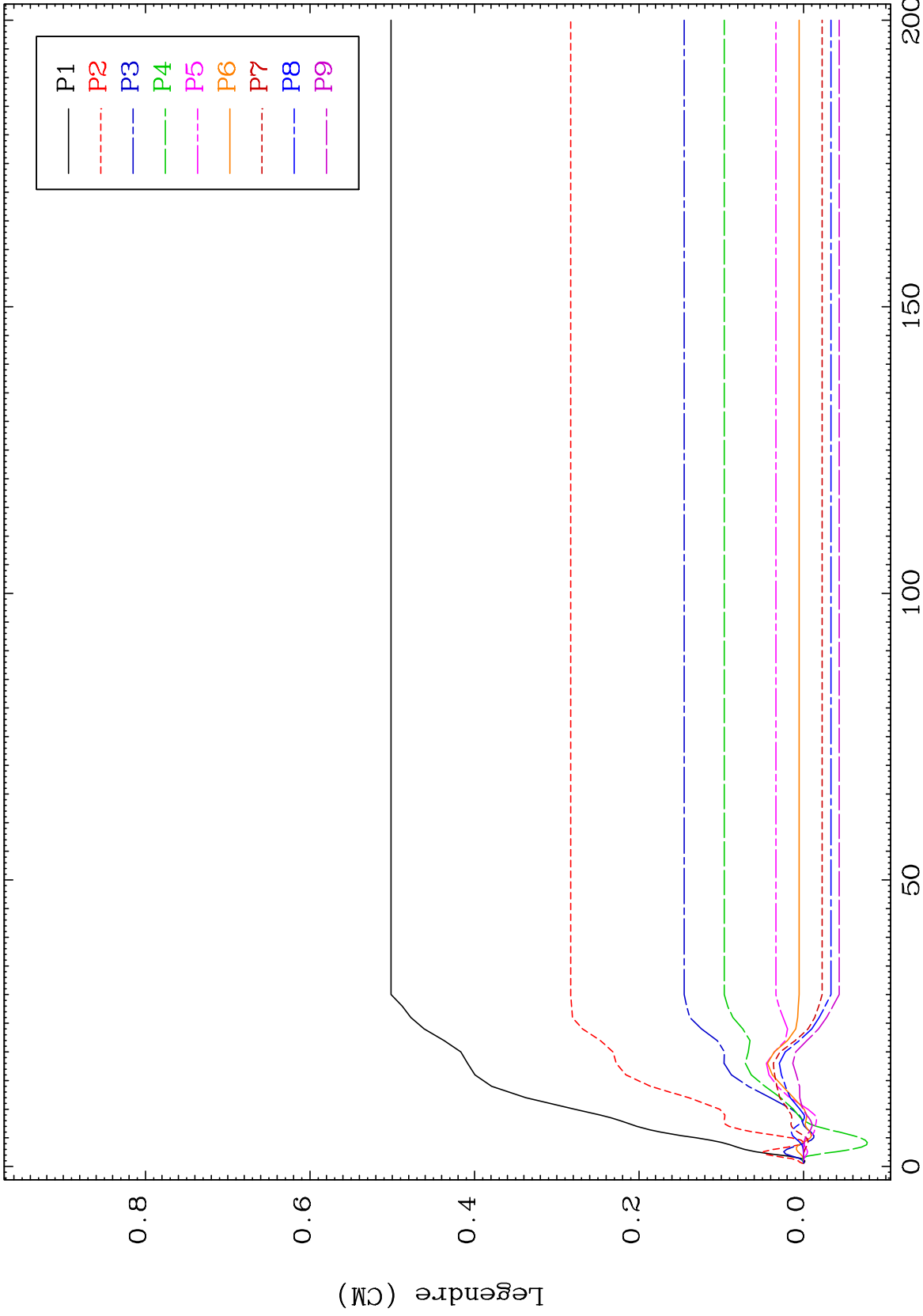
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



76

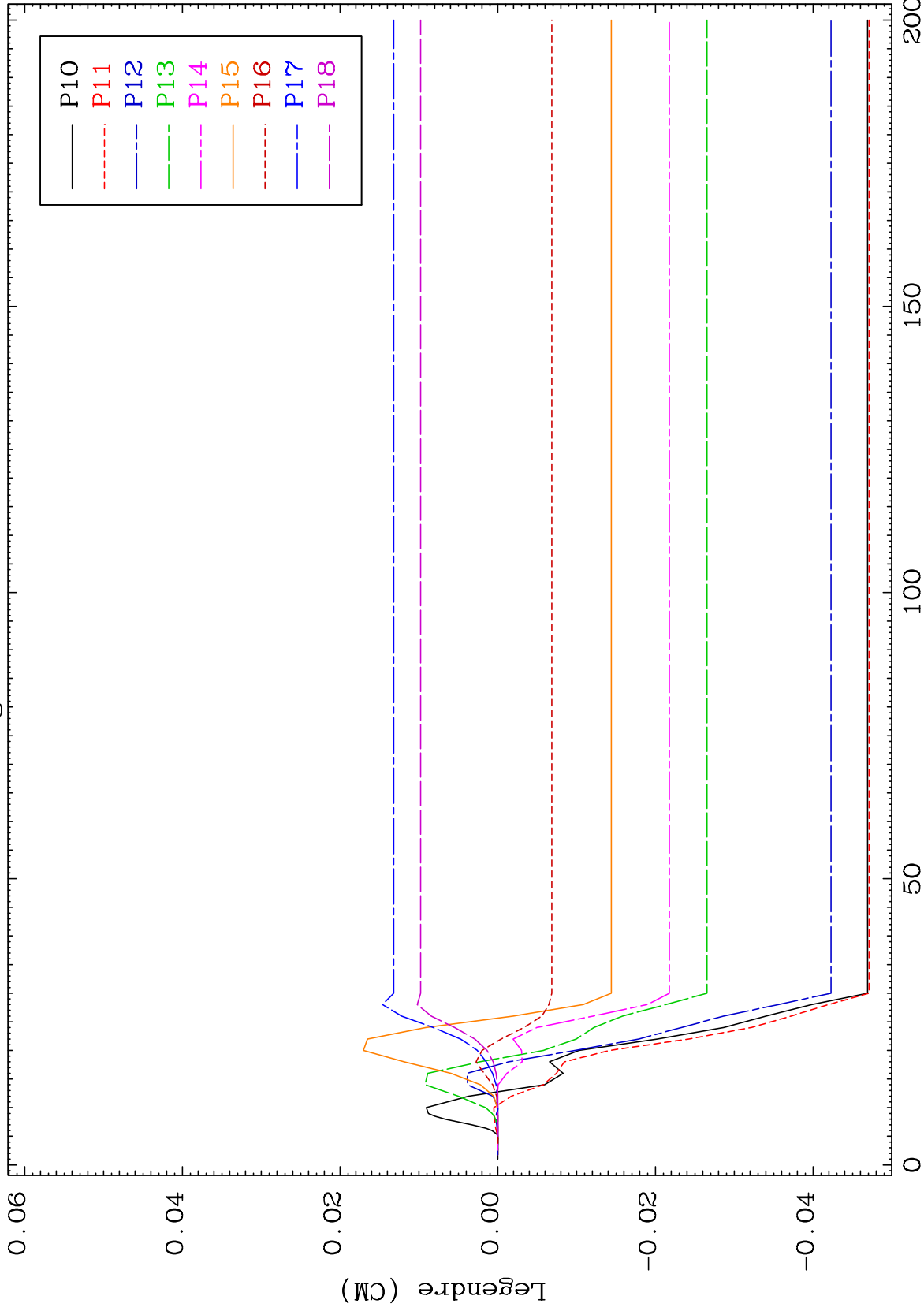
59-Pr-134

59-Pr-134

MAT 5904

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

59-Pr-134



77

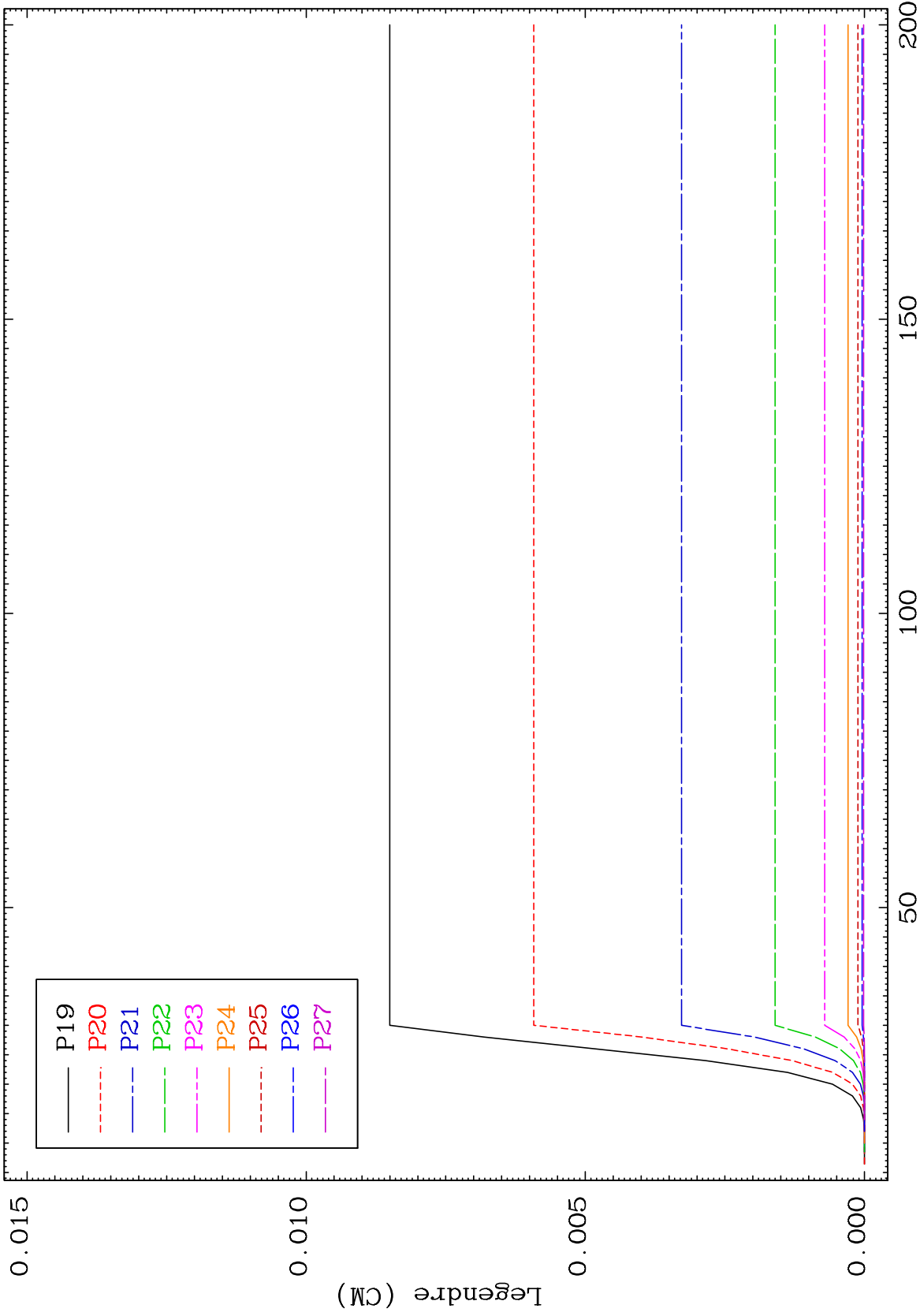
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

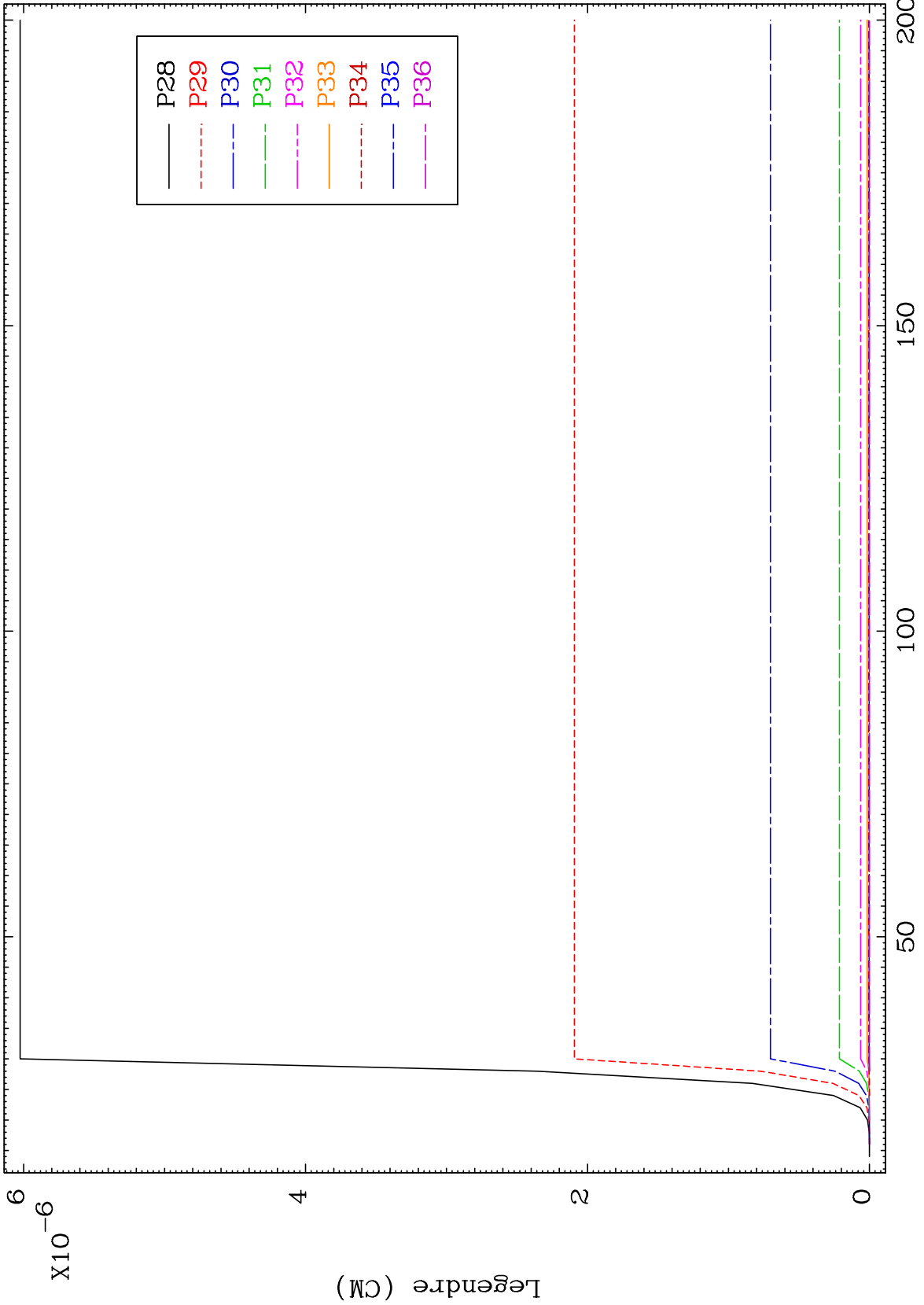
59-Pr-134



78

Incident Energy (MeV)

59-Pr-134



MAT 5904

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

59-Pr-134



59-Pr-134

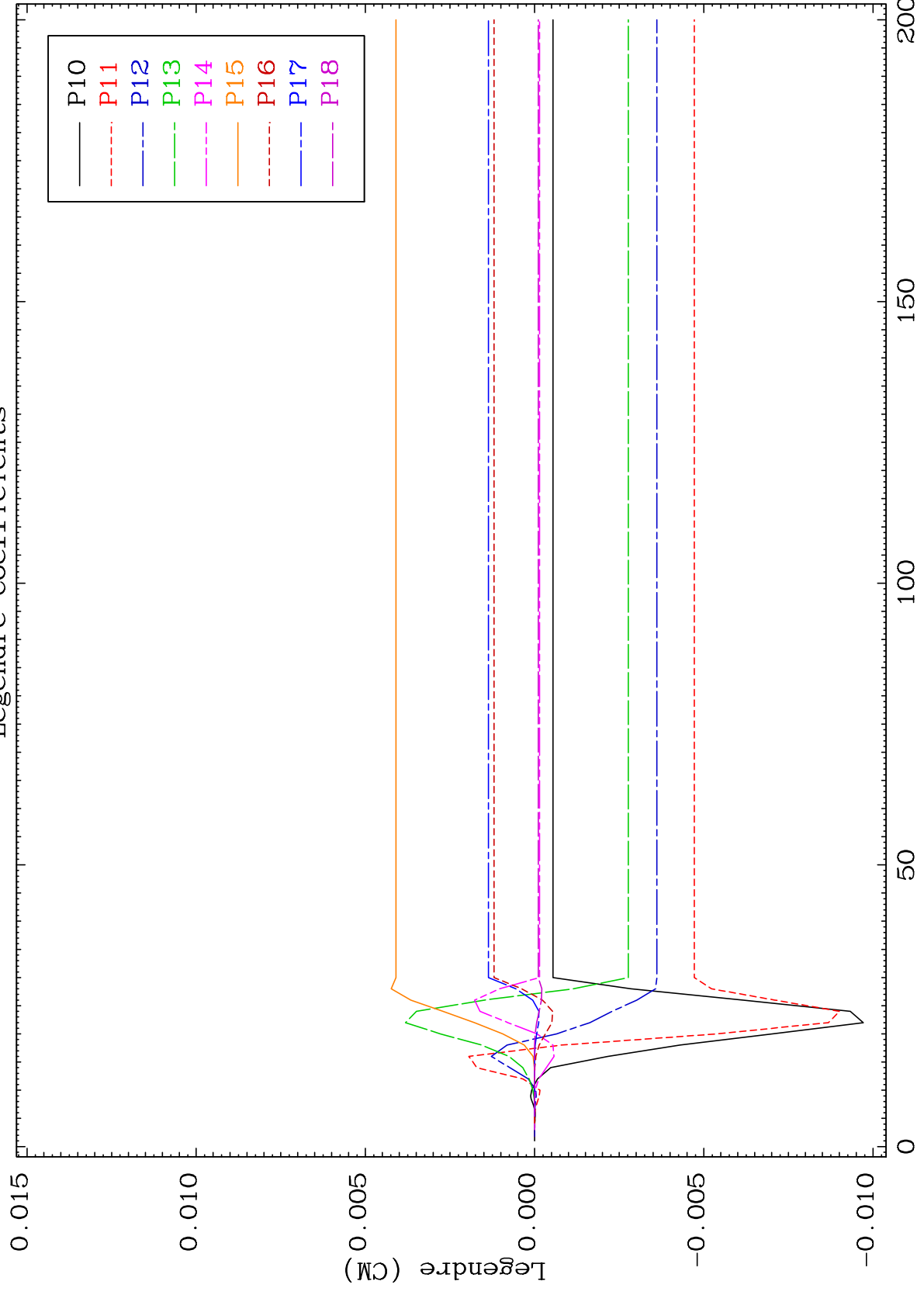
Incident Energy (MeV)

80

MAT 5904

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

59-Pr-134



81

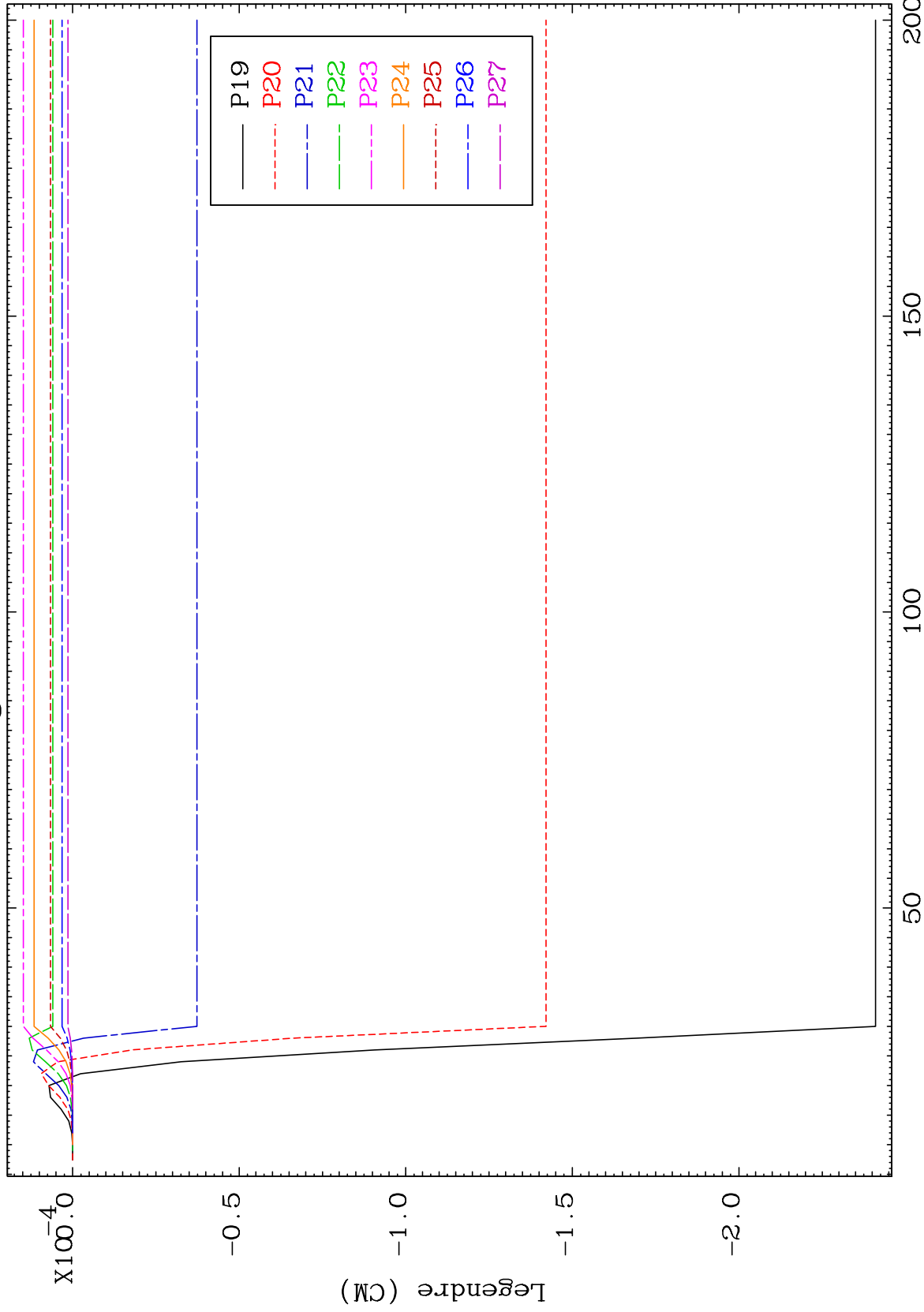
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



82

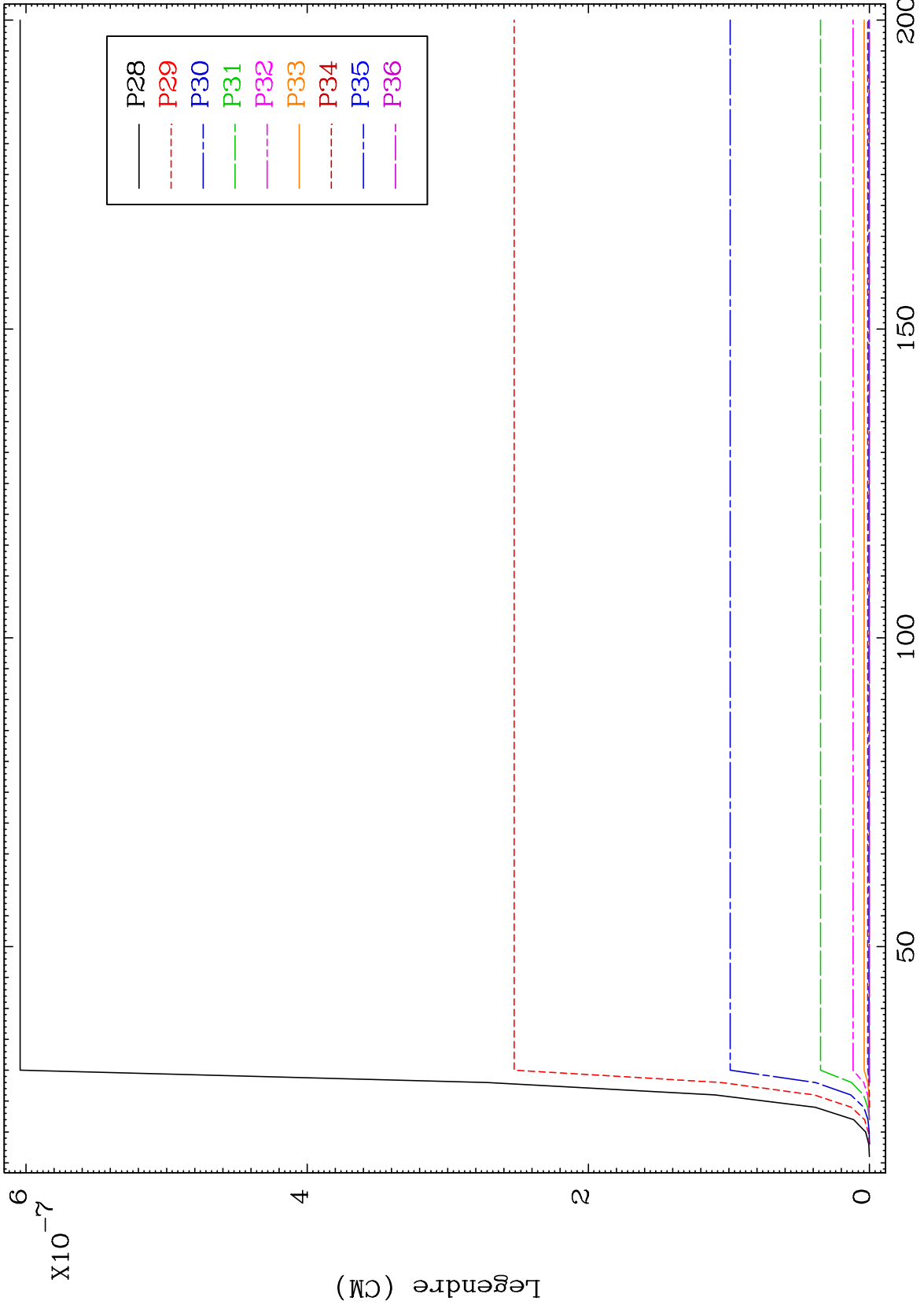
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



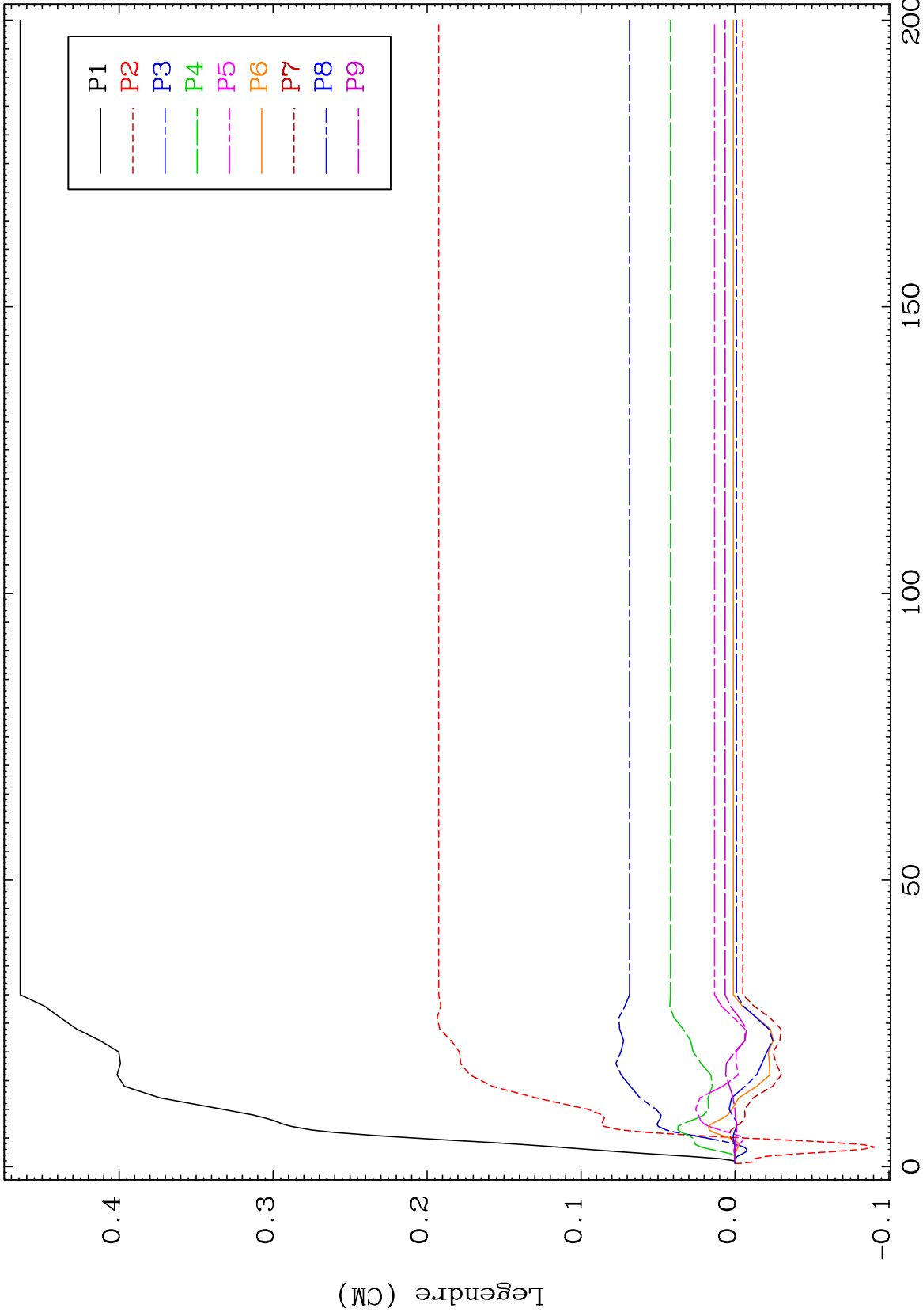
83

59-Pr-134

MAT 5904

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

59-Pr-134



84

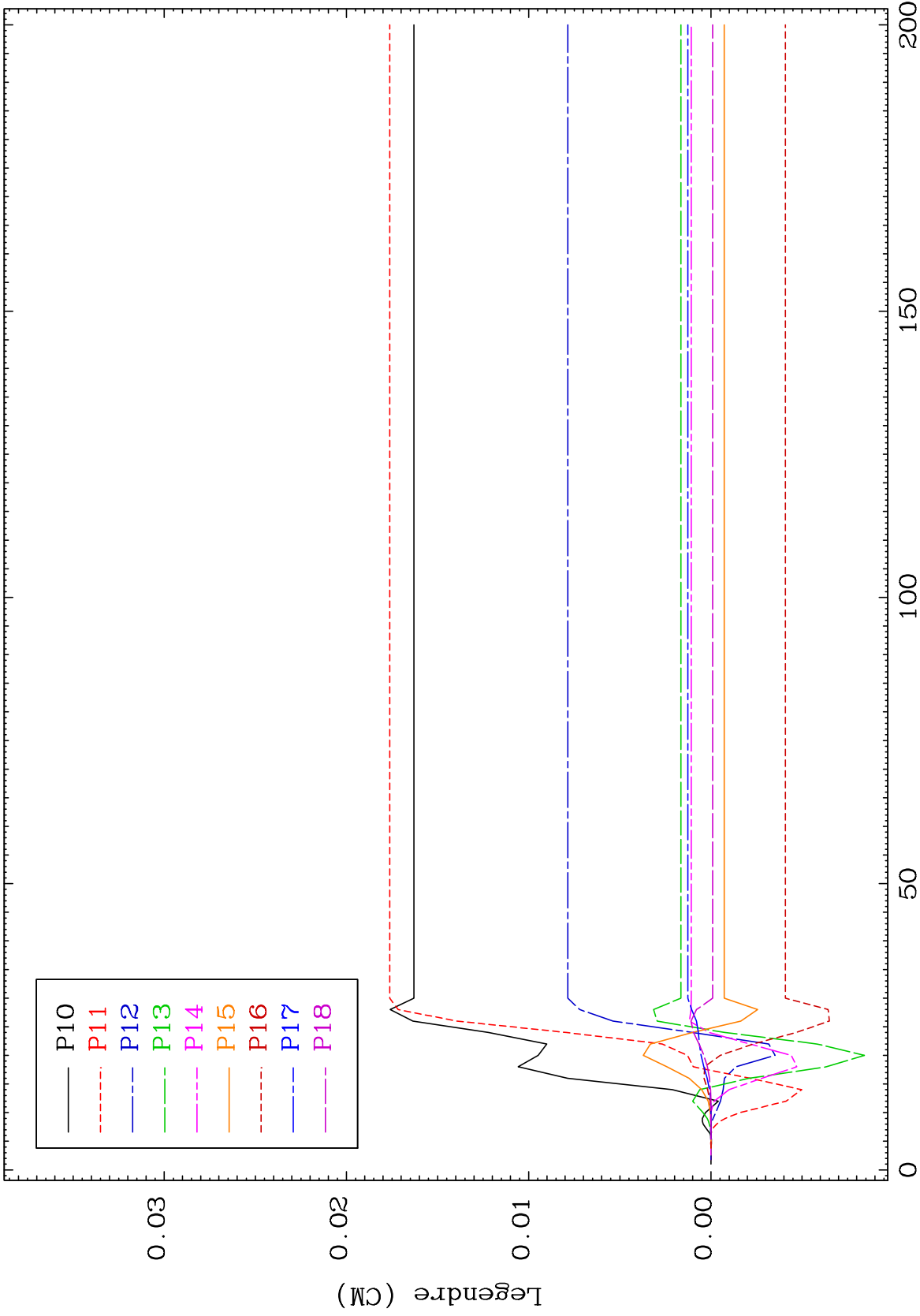
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

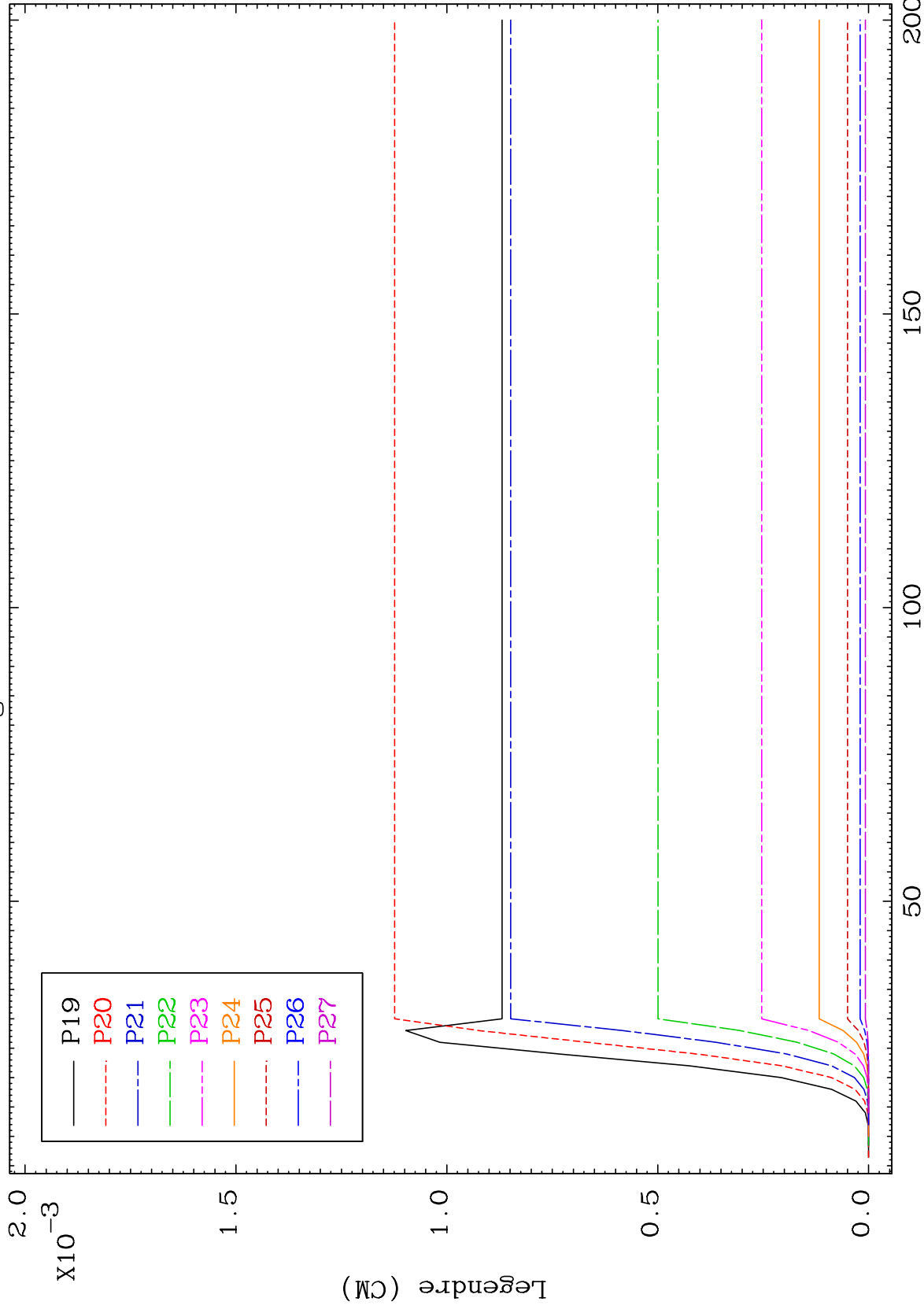
59-Pr-134



85

Incident Energy (MeV)

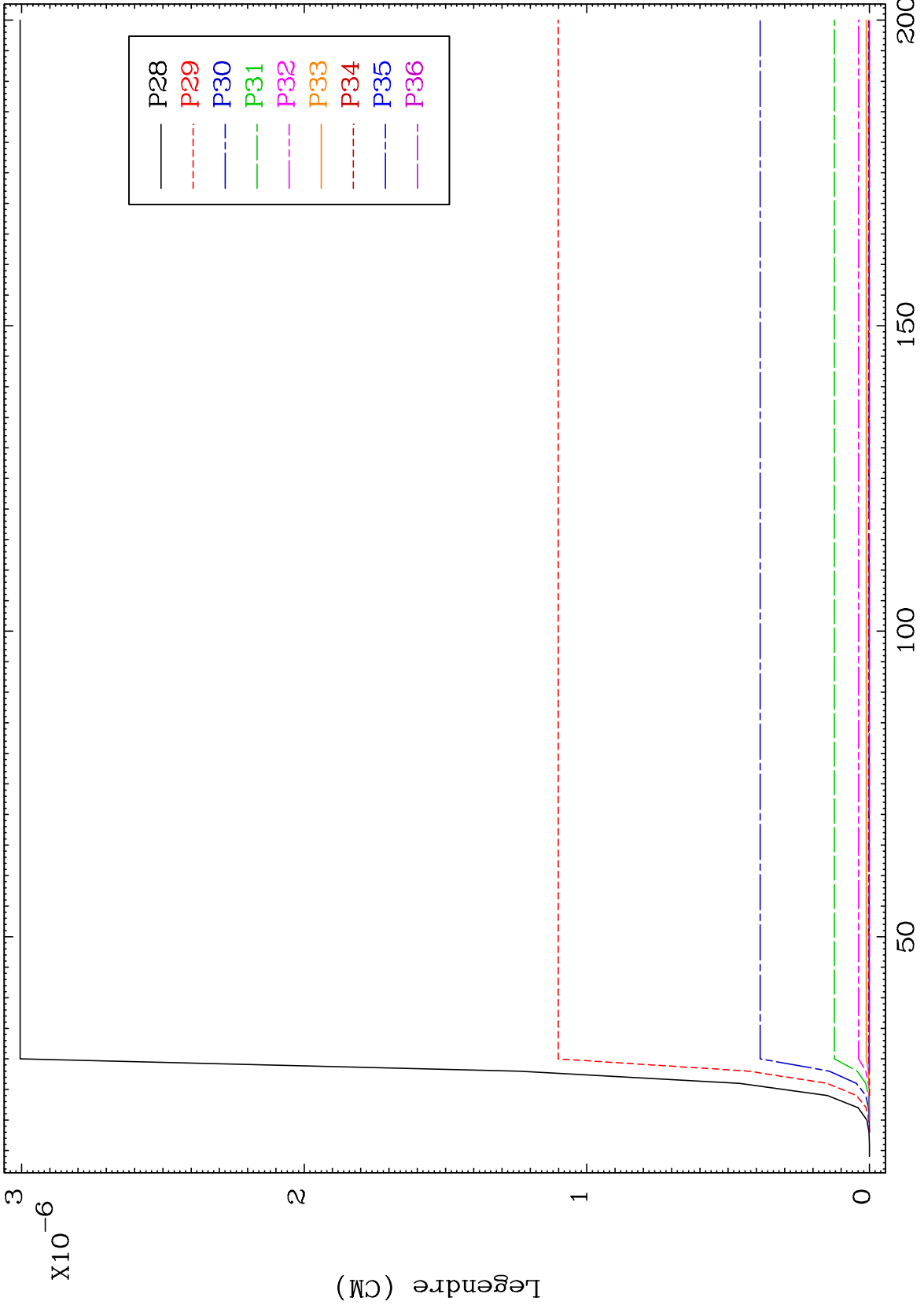
59-Pr-134



MAT 5904

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

59-Pr-134



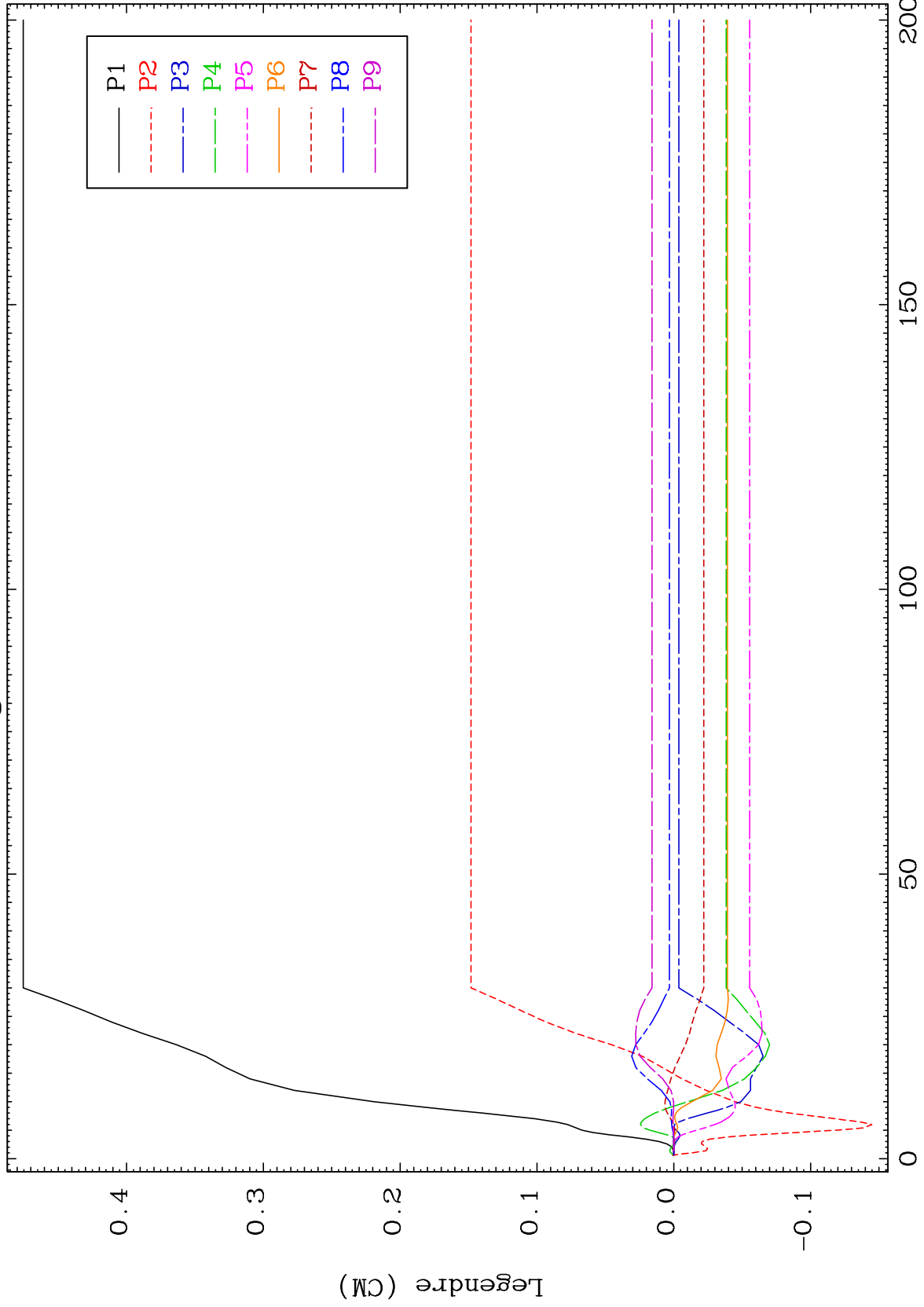
87

59-Pr-134

MAT 5904

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

59-Pr-134



88

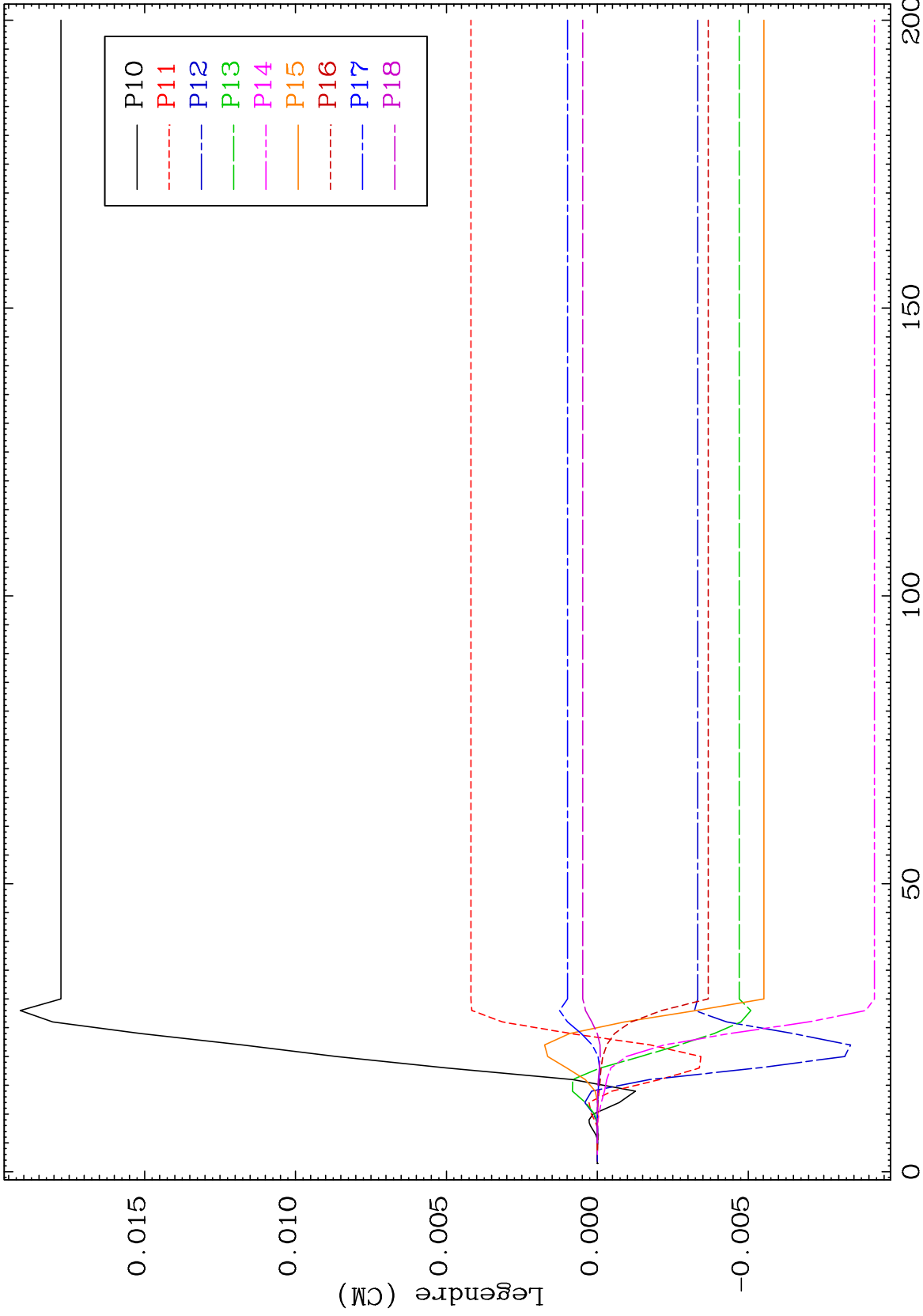
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



89

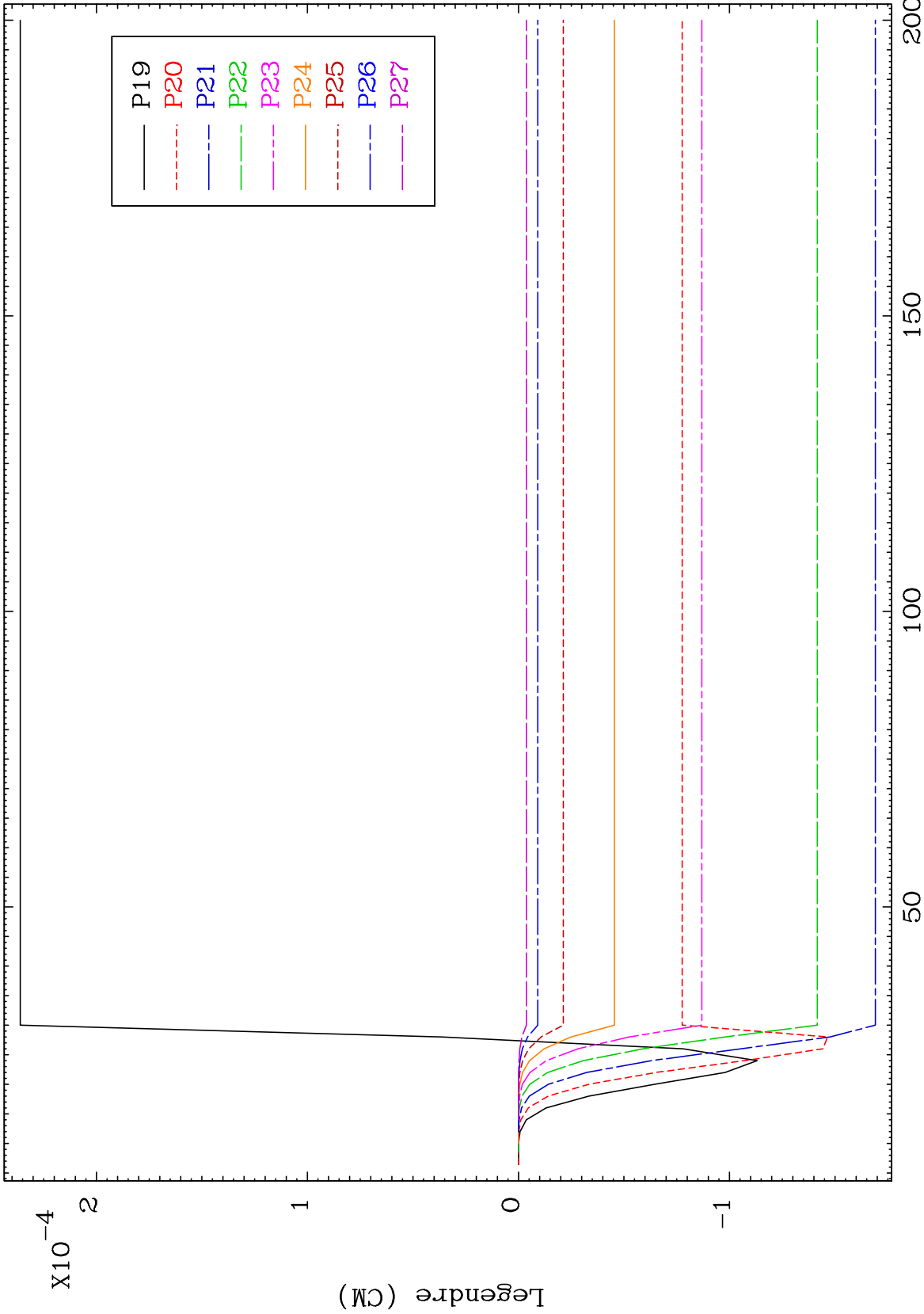
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



90

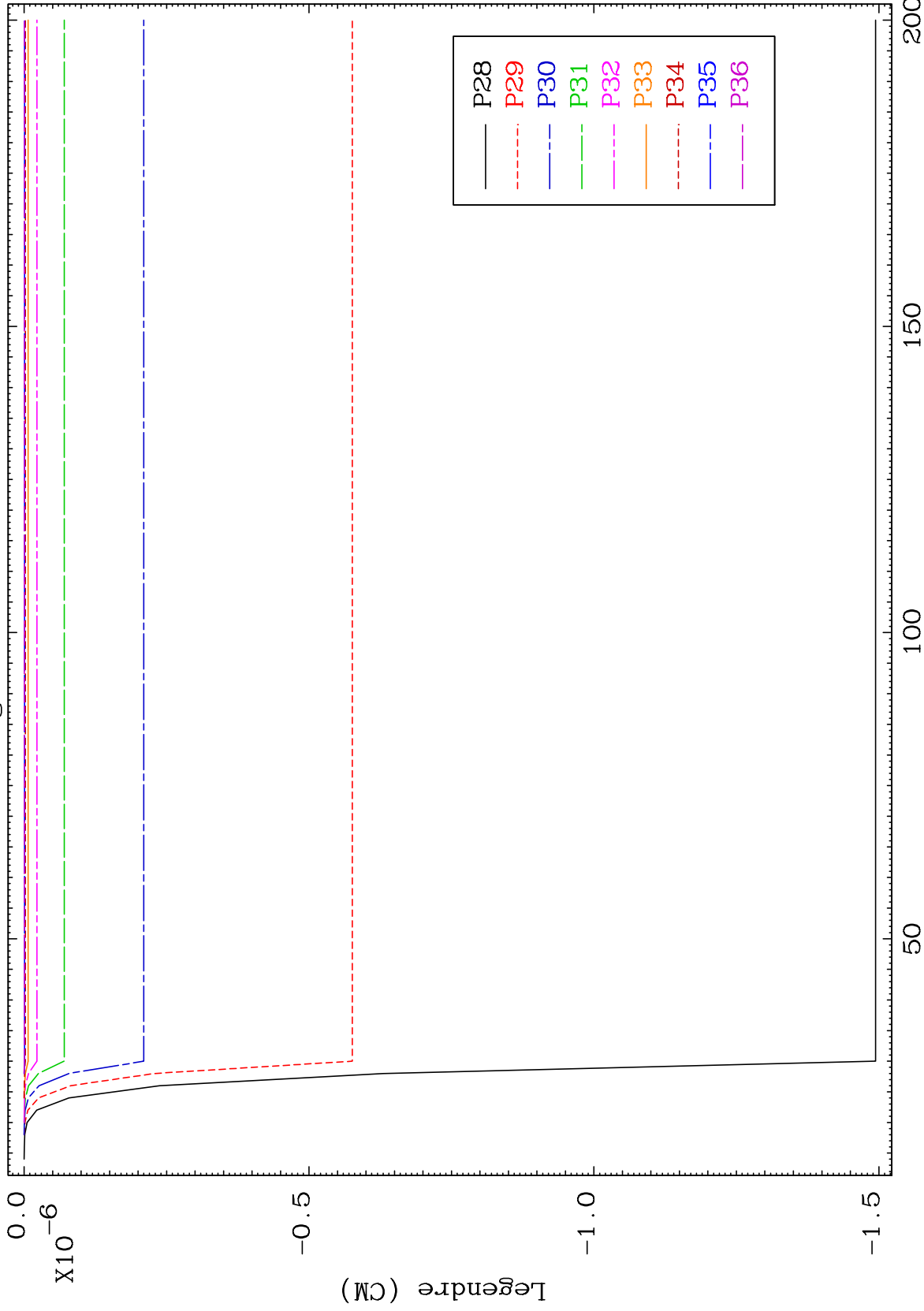
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

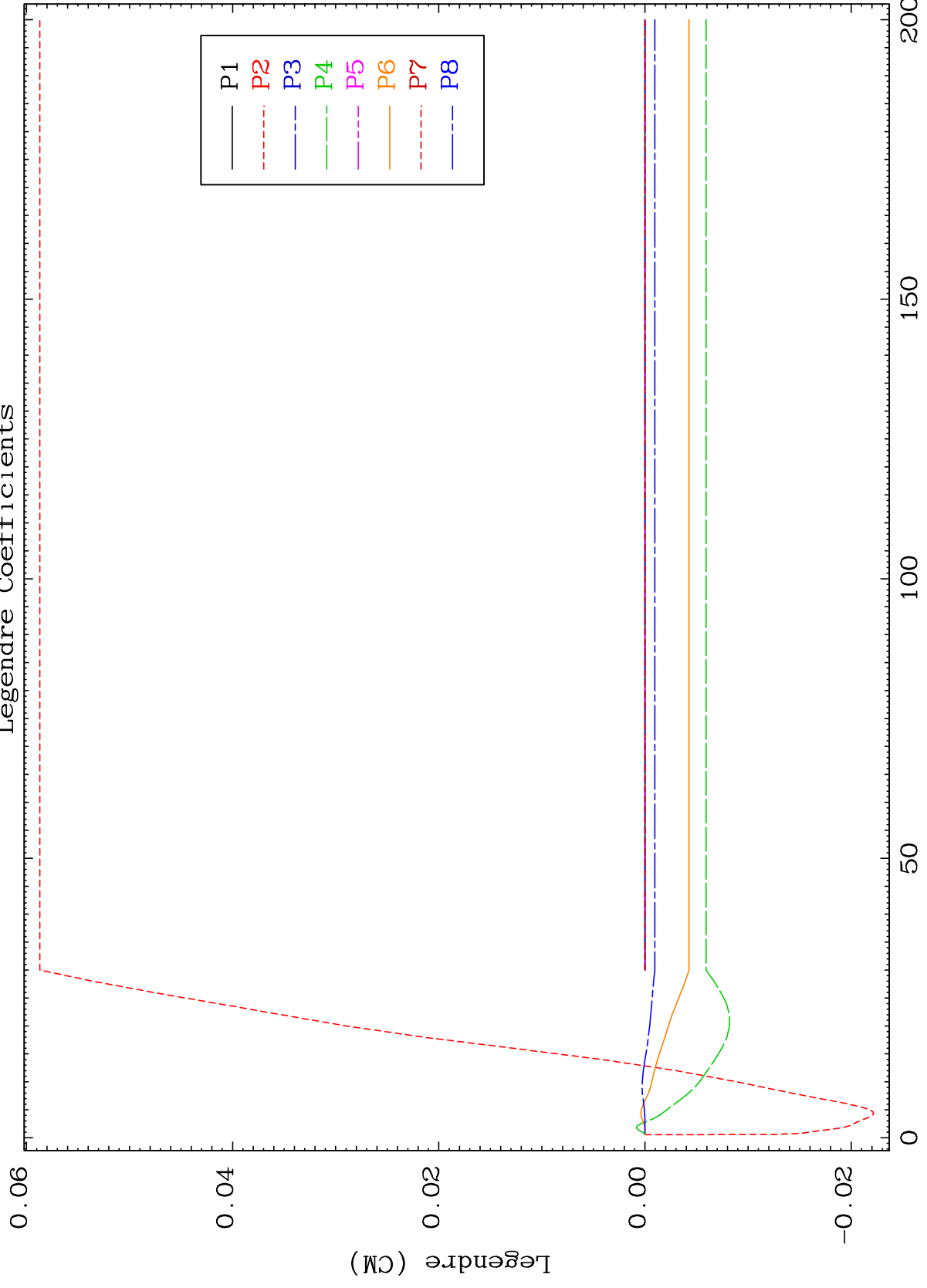
59-Pr-134



91

59-Pr-134

MAT 5904 MT= 71 (n,n') Level Legendre Coefficients 59-Pr-134

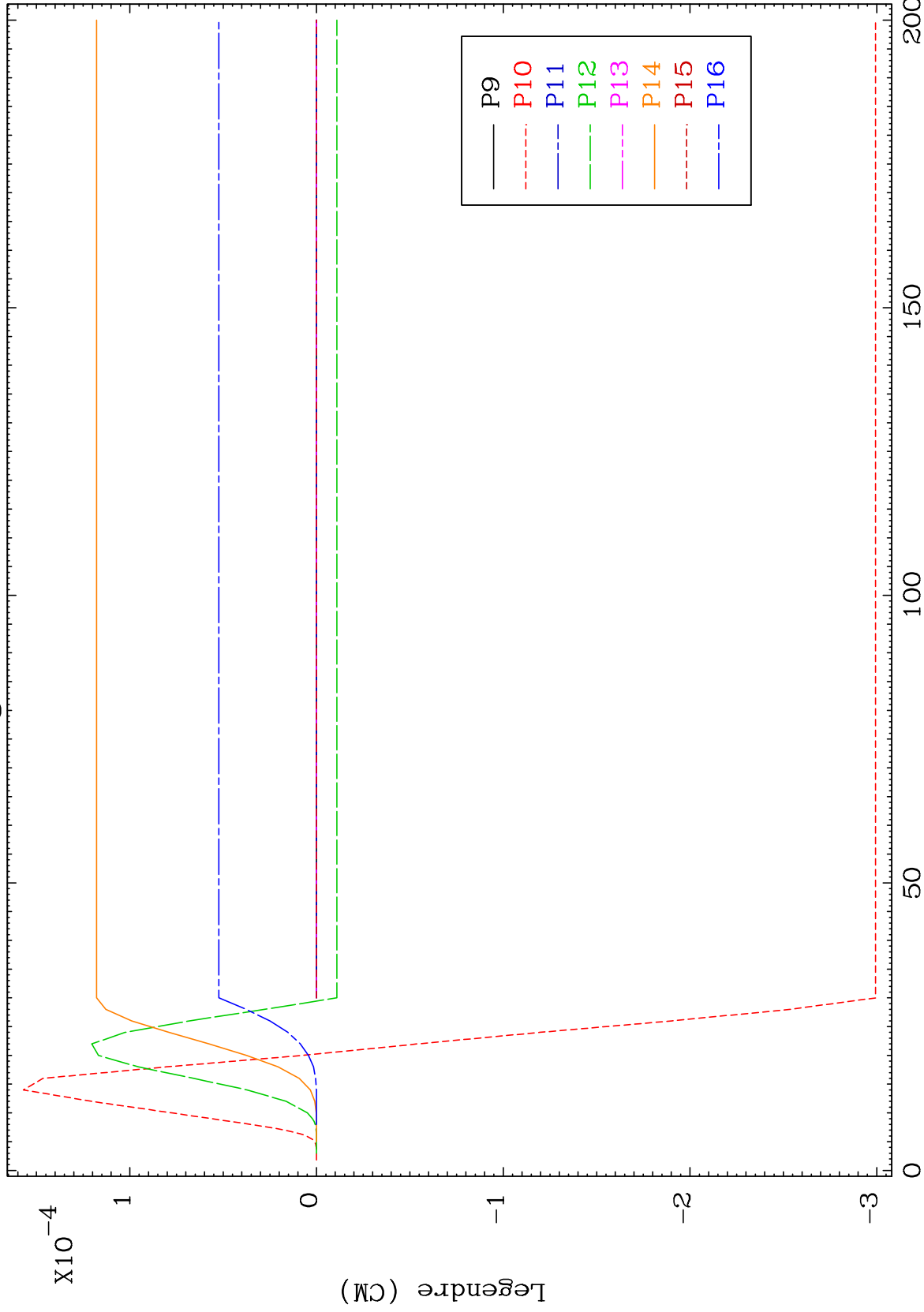


92 59-Pr-134

MAT 5904

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

59-Pr-134



93

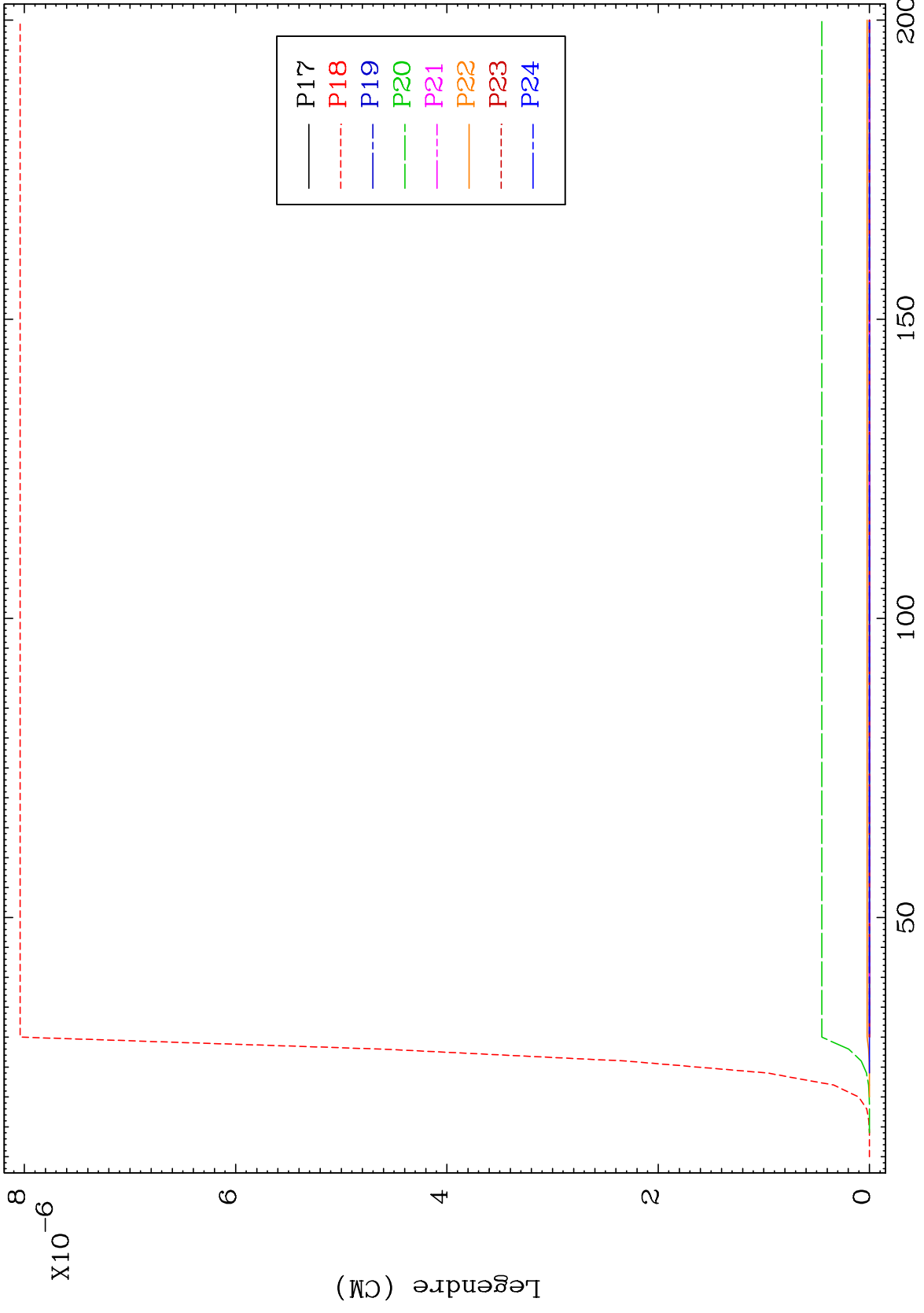
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



94

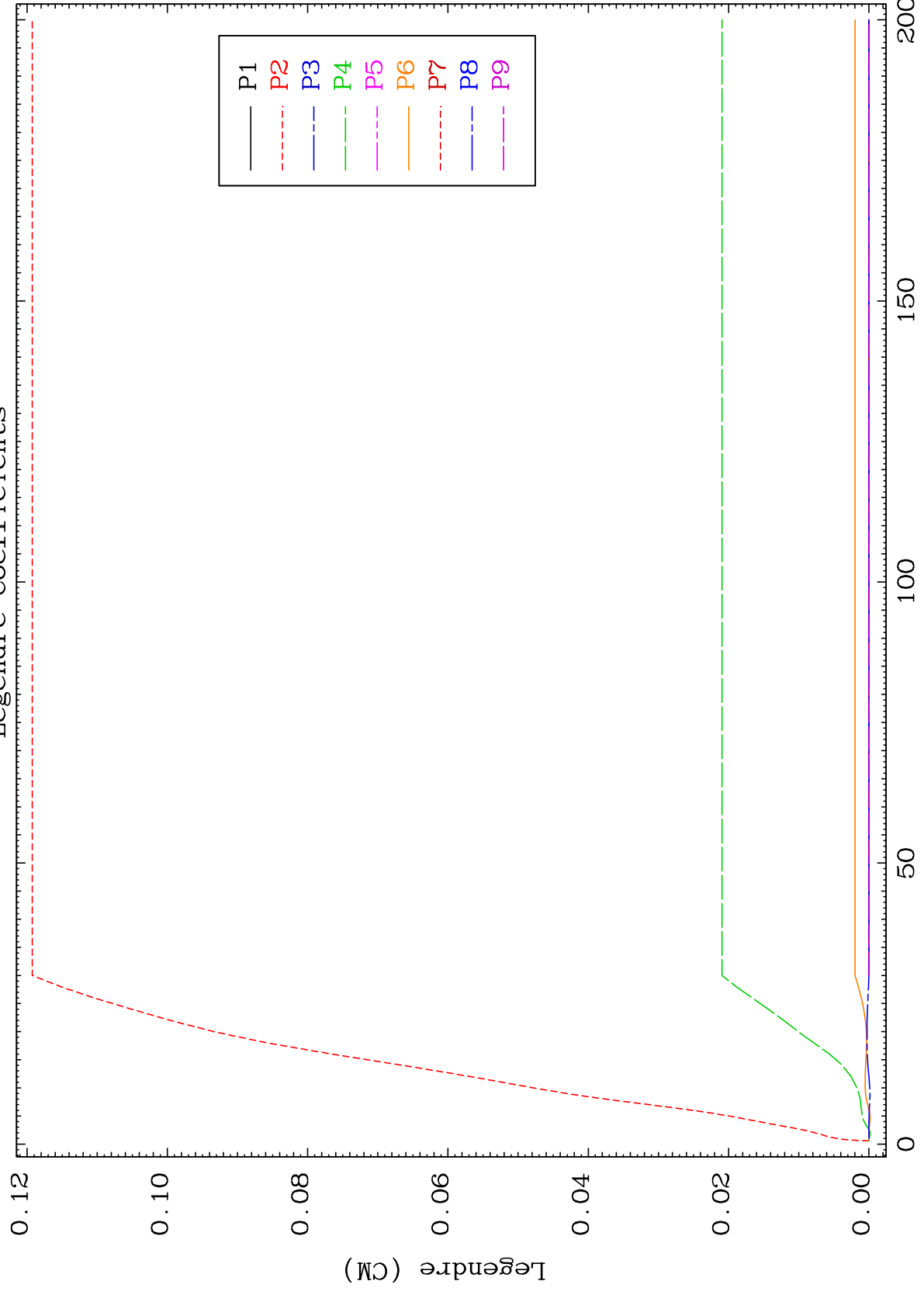
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



95

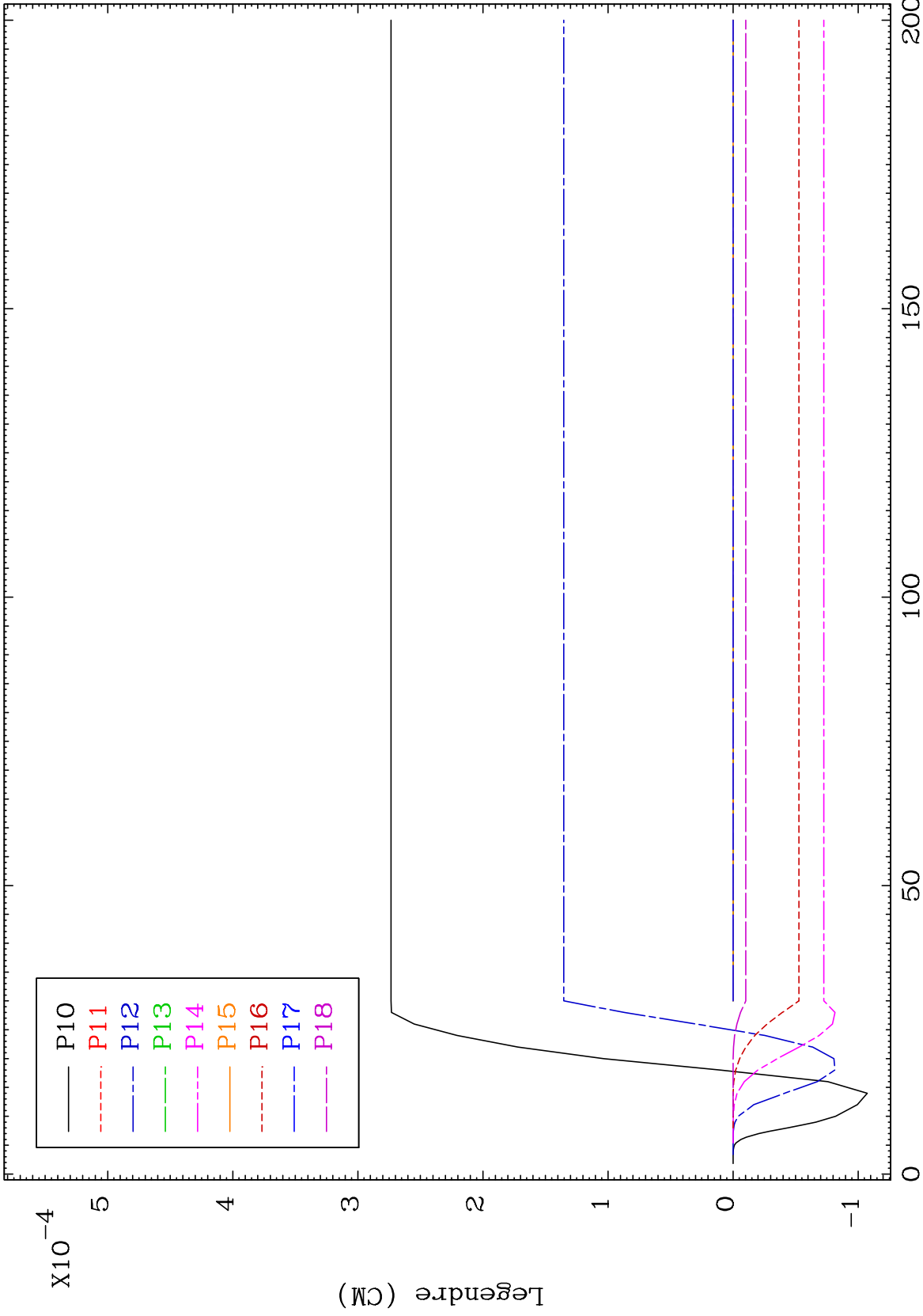
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



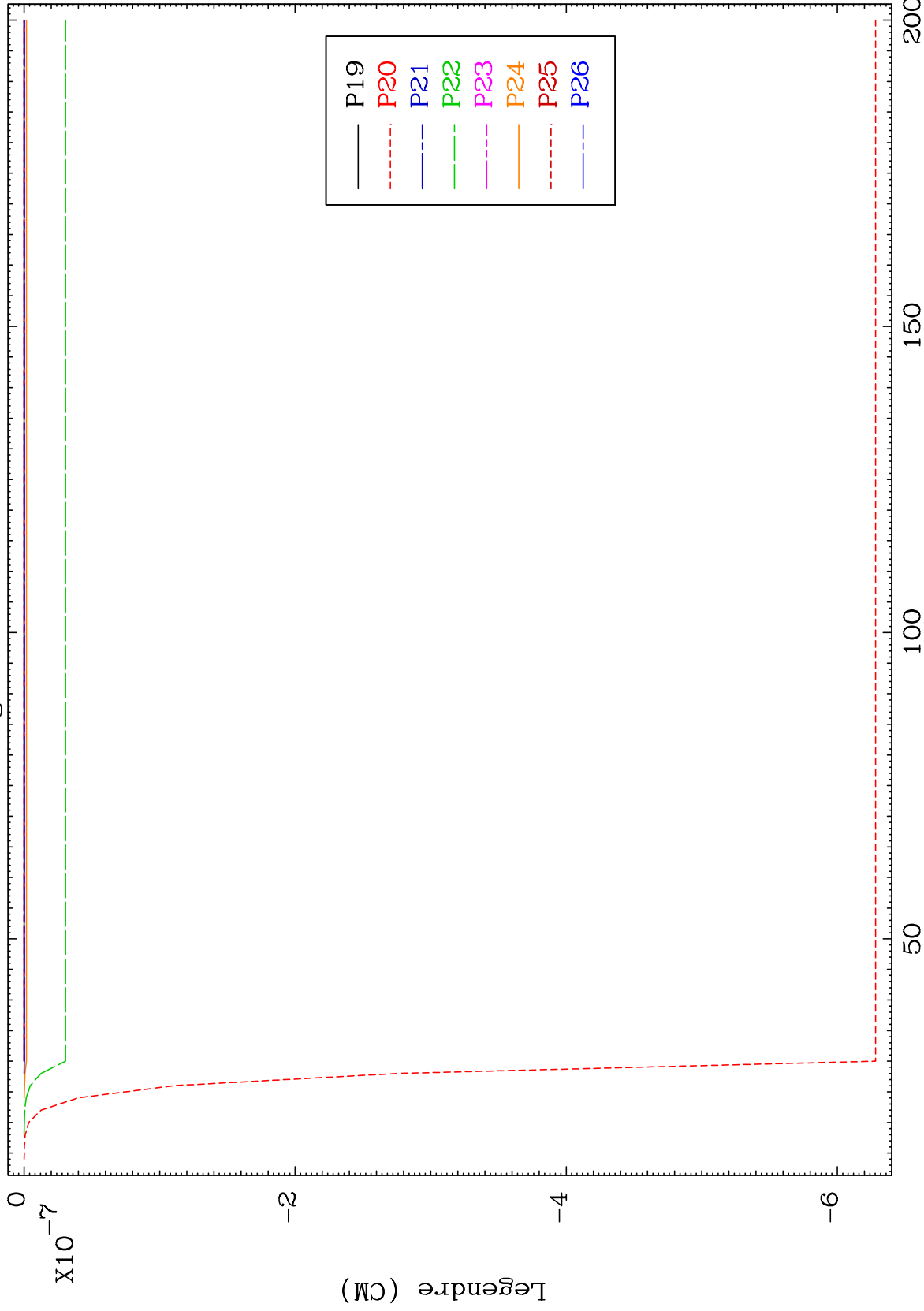
96

59-Pr-134

MAT 5904

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

59-Pr-134



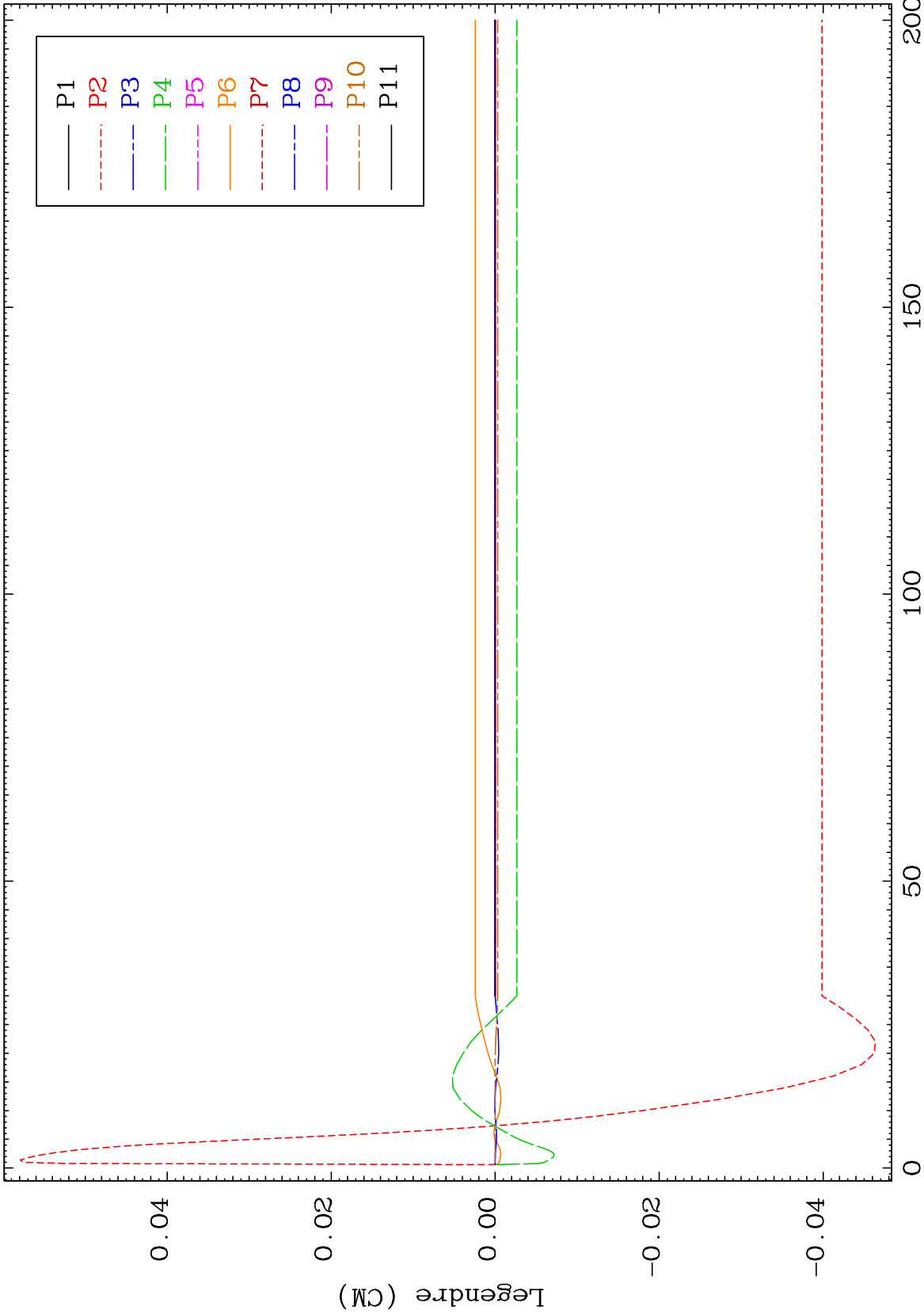
97

59-Pr-134

MAT 5904

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

59-Pr-134



98

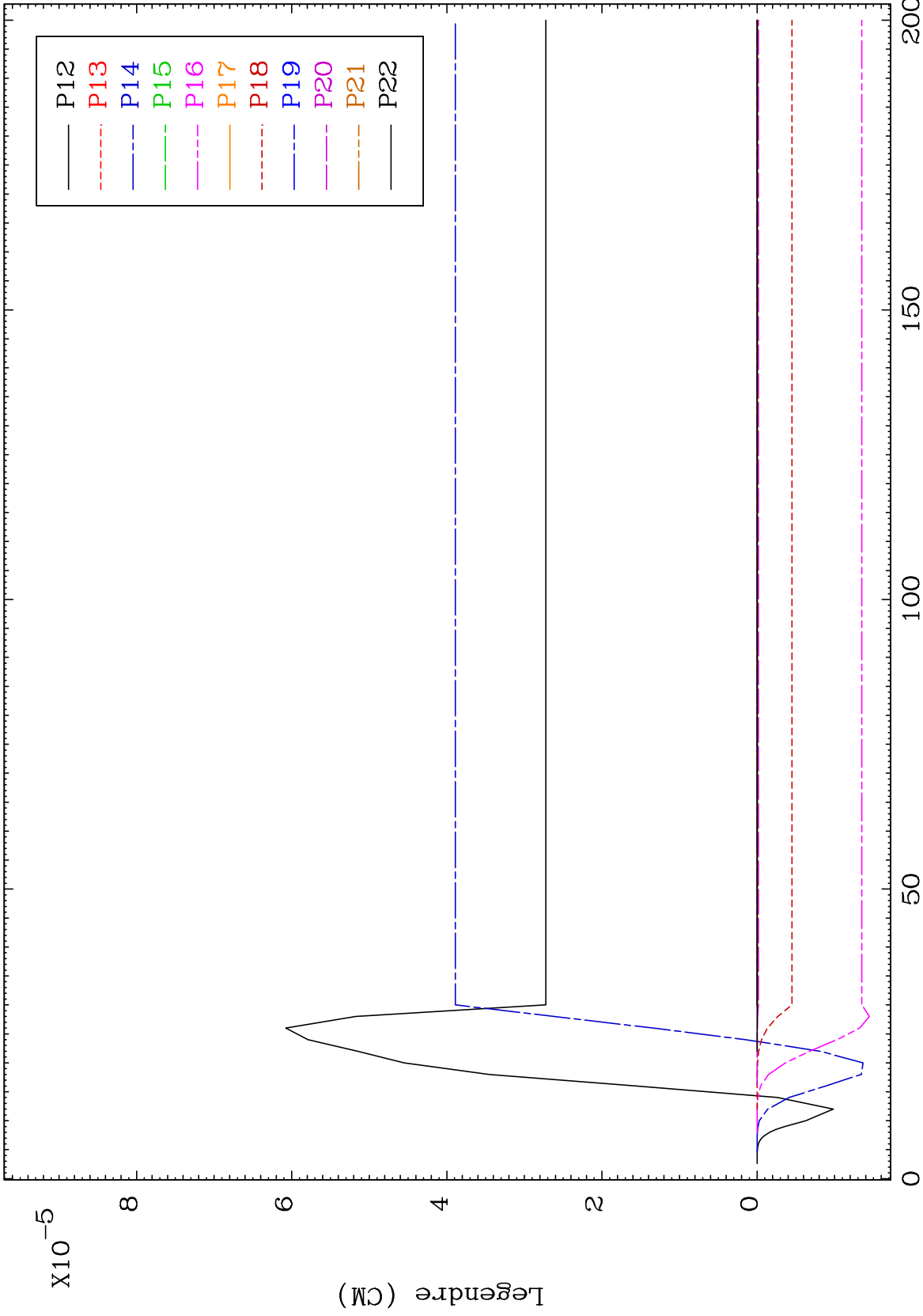
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



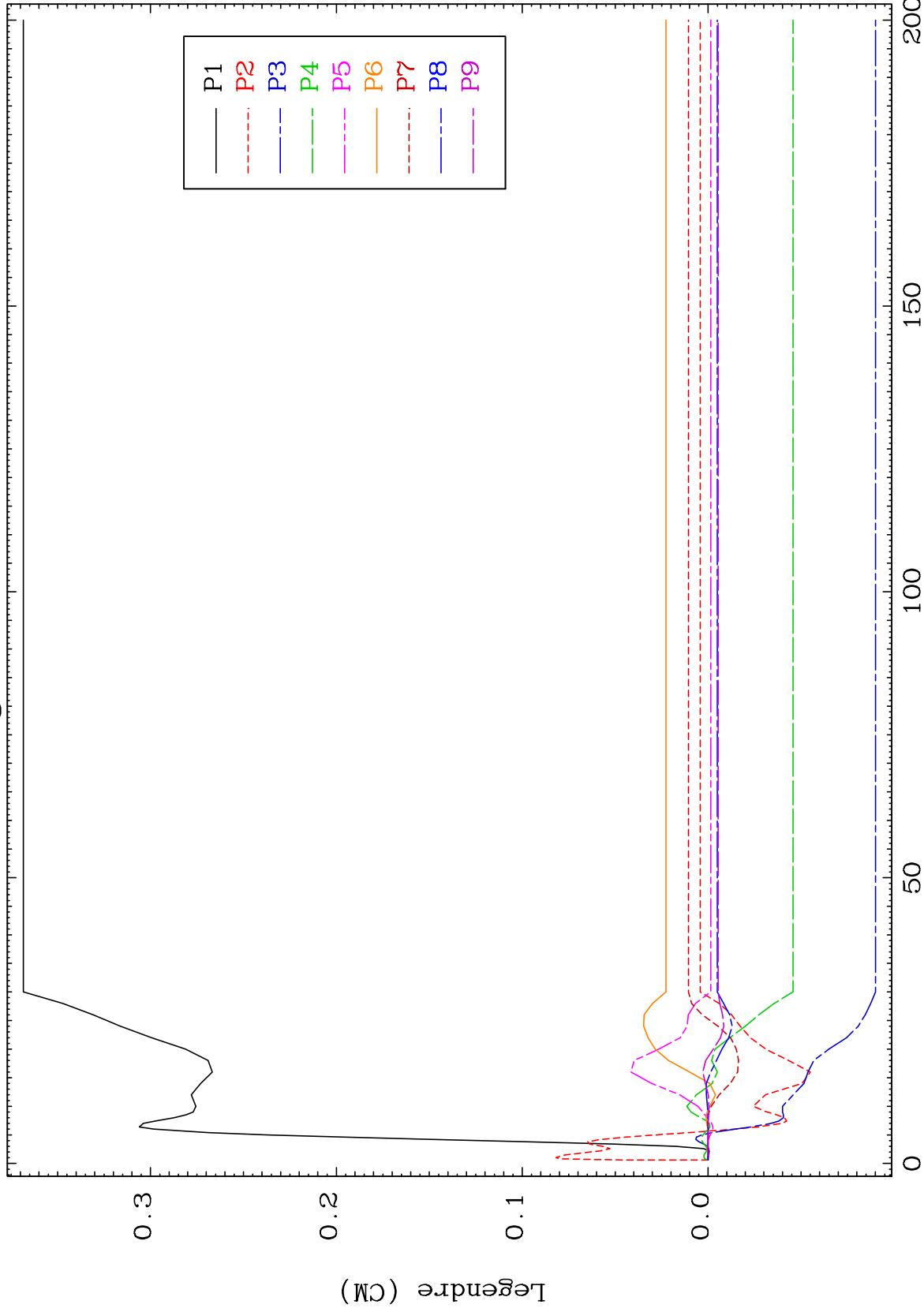
99

59-Pr-134

MAT 5904

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

59-Pr-134



59-Pr-134

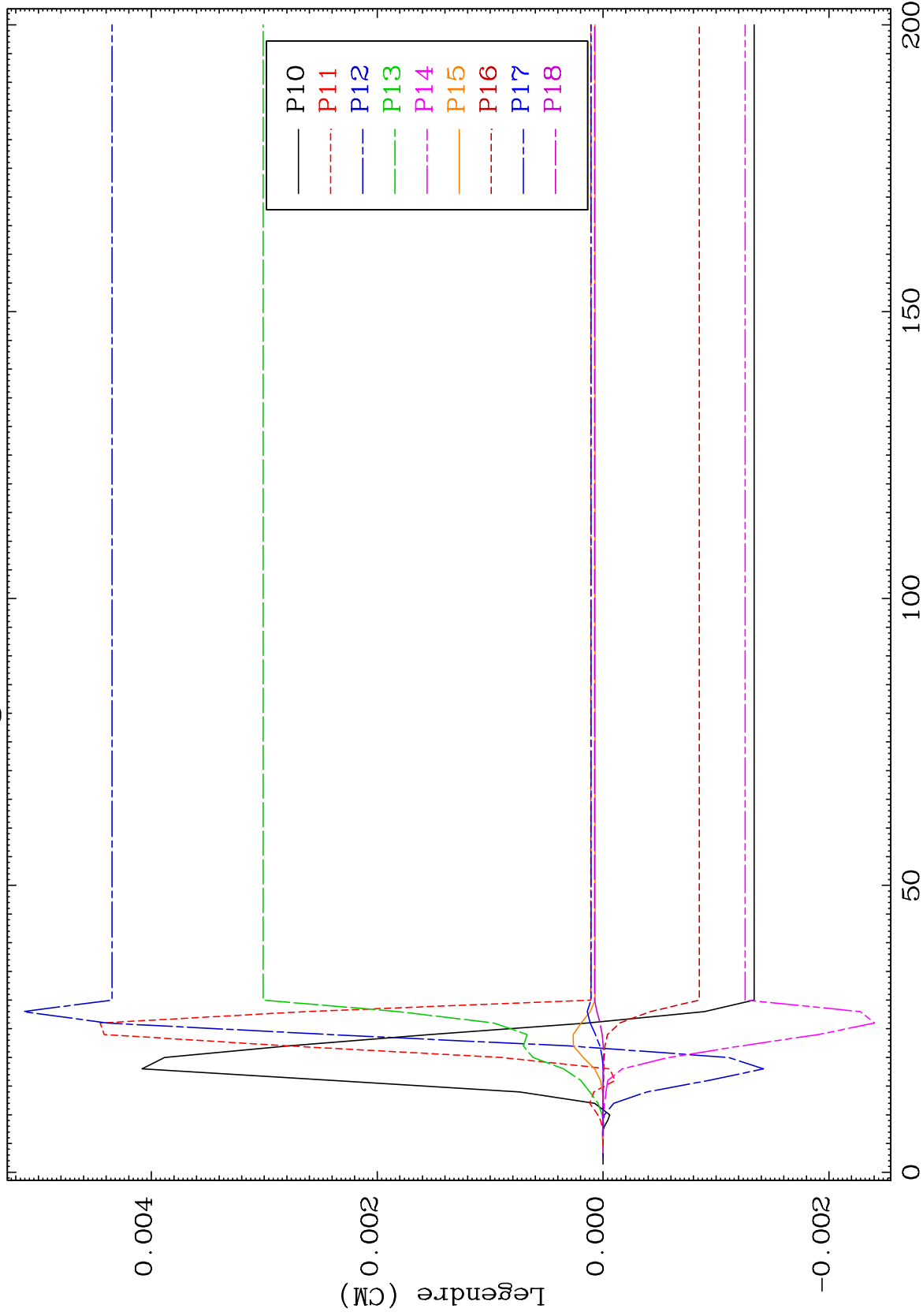
Incident Energy (MeV)

100

MAT 5904

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

59-Pr-134



101

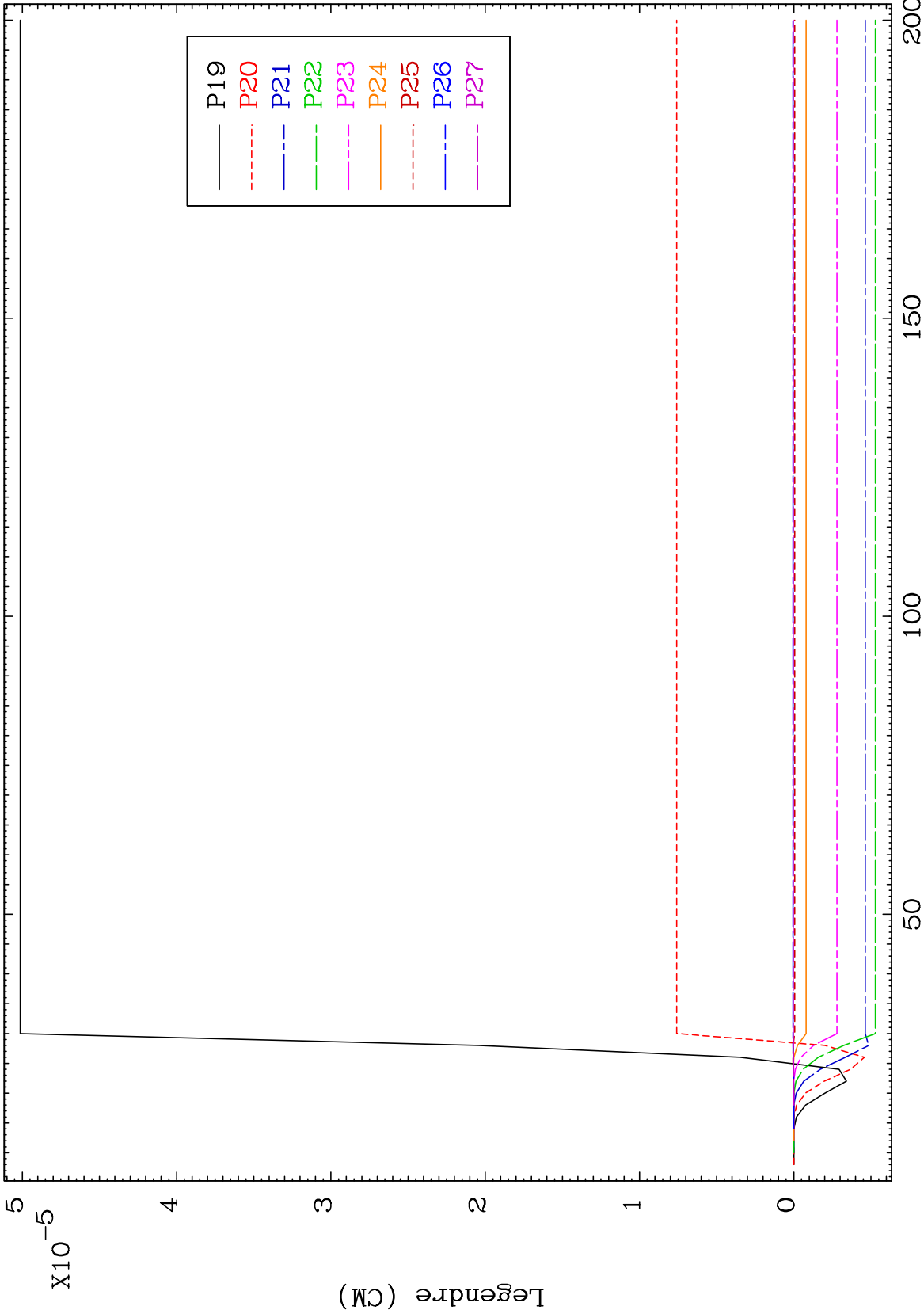
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



102

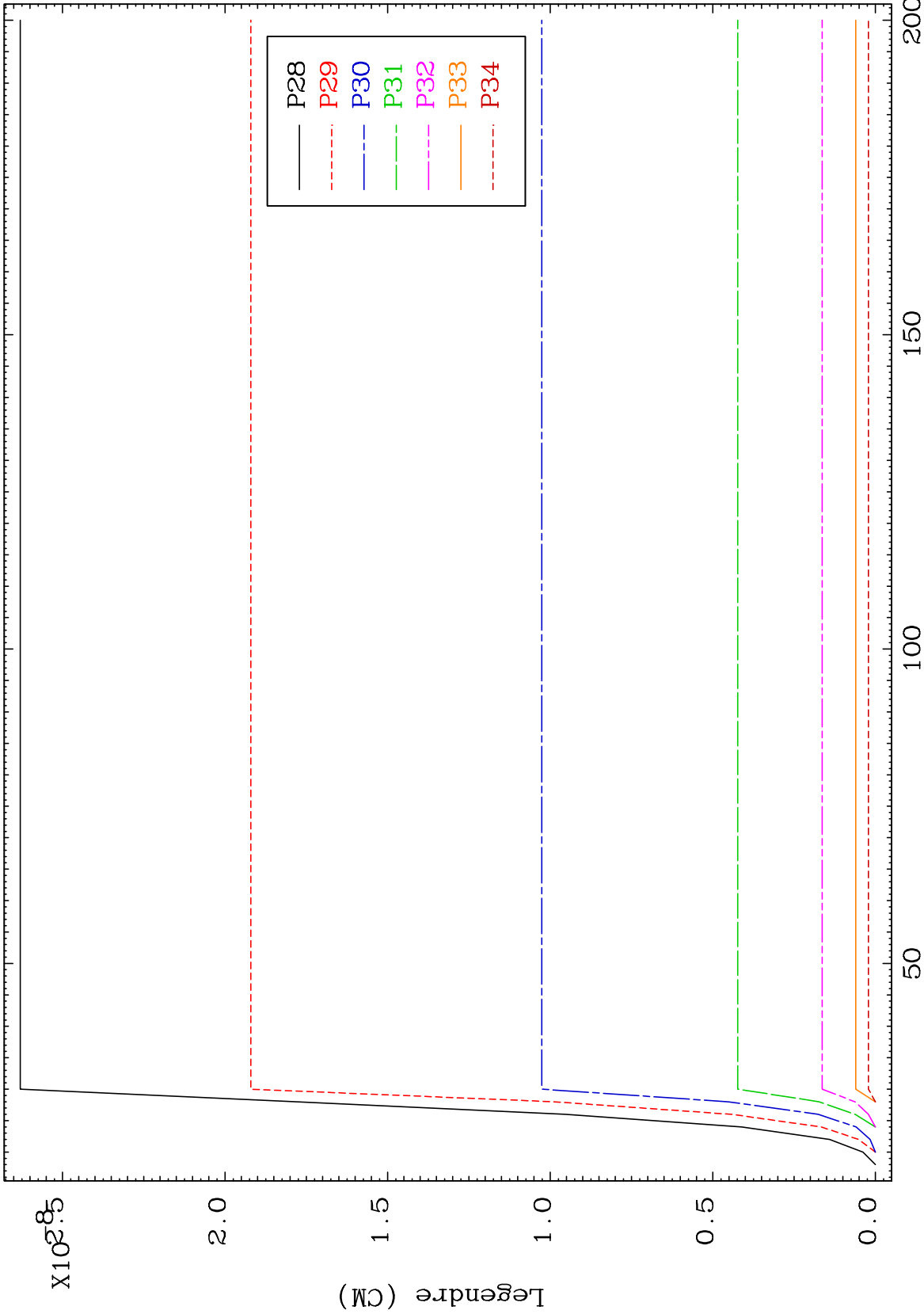
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



103

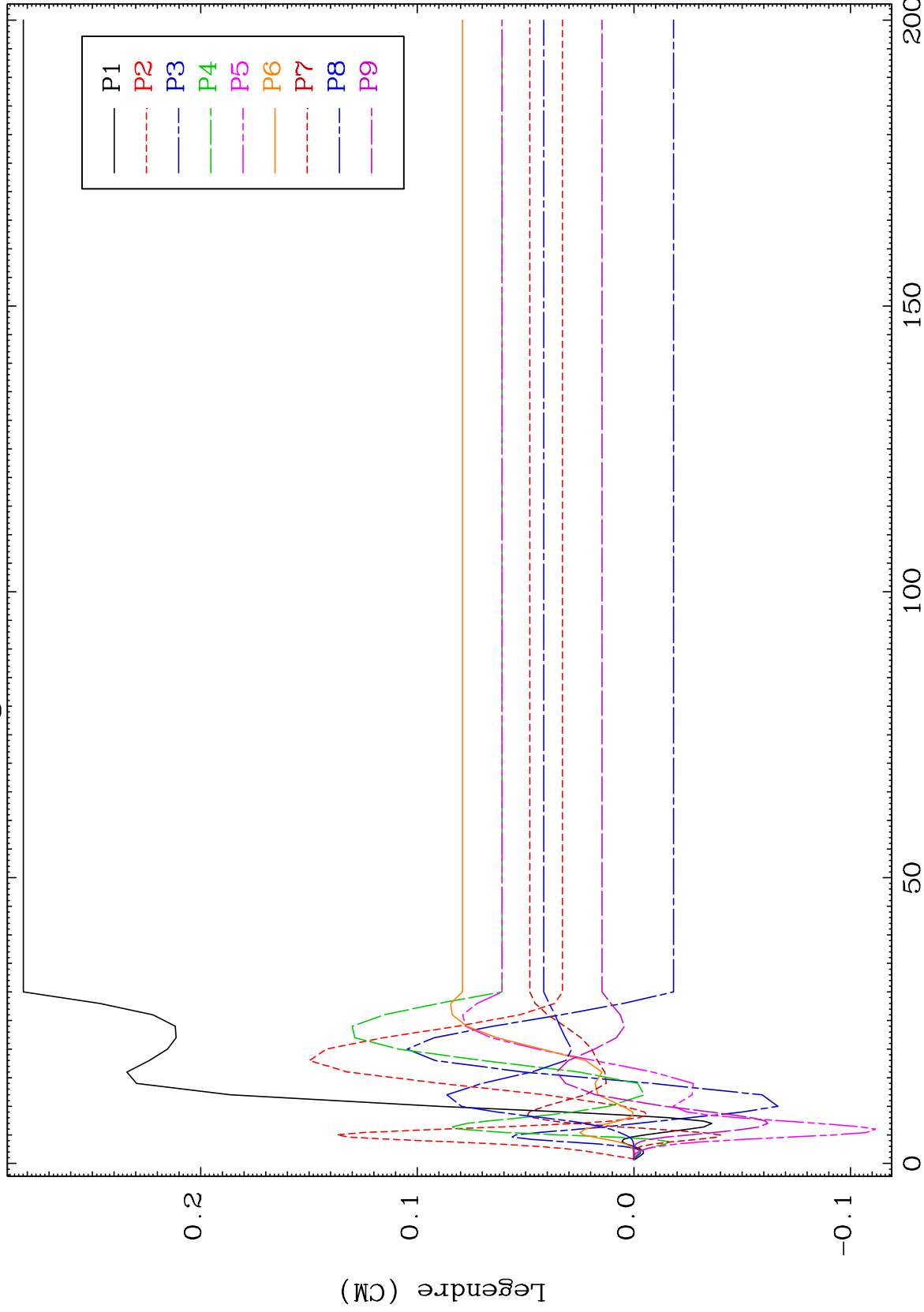
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



104

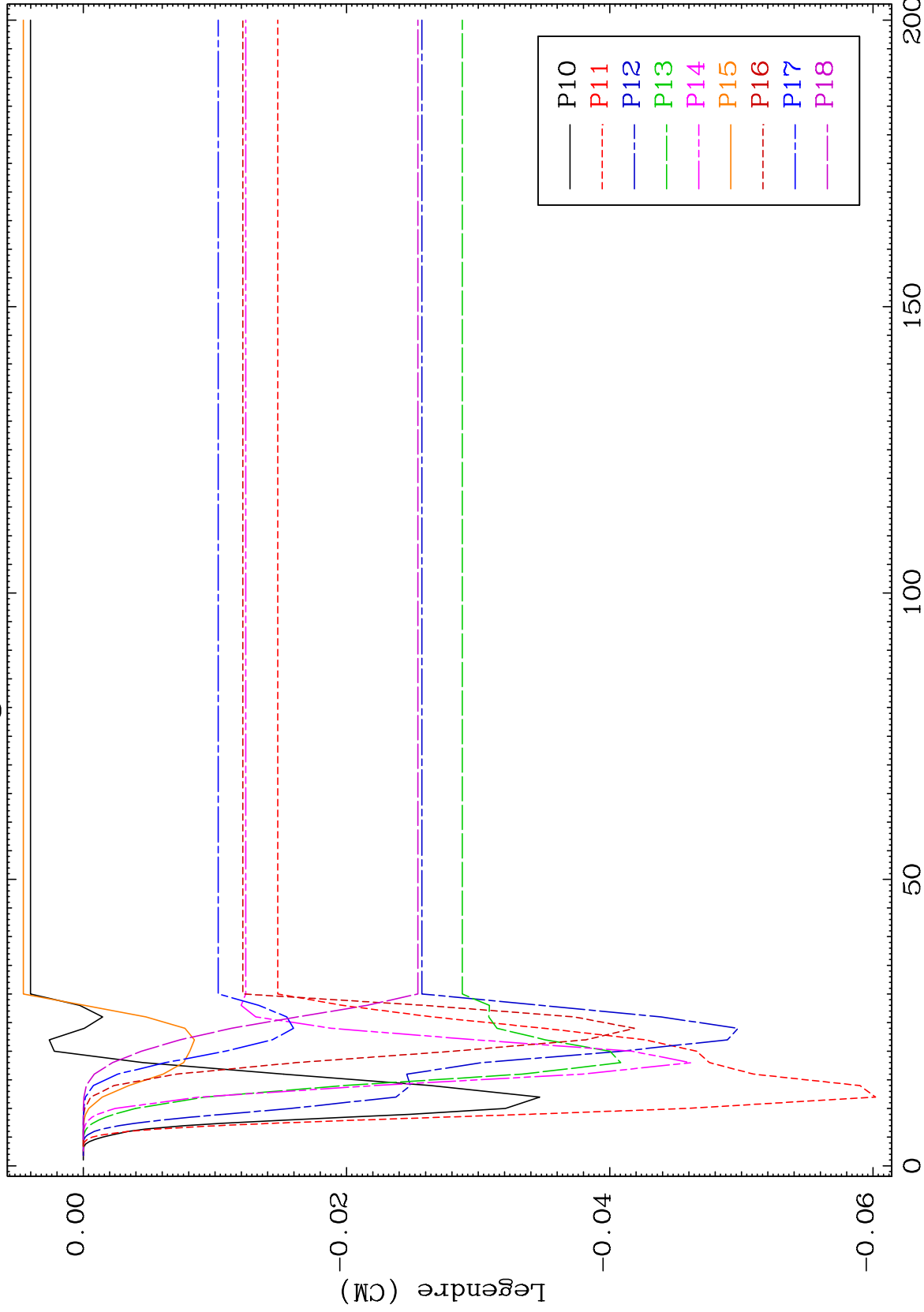
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



105

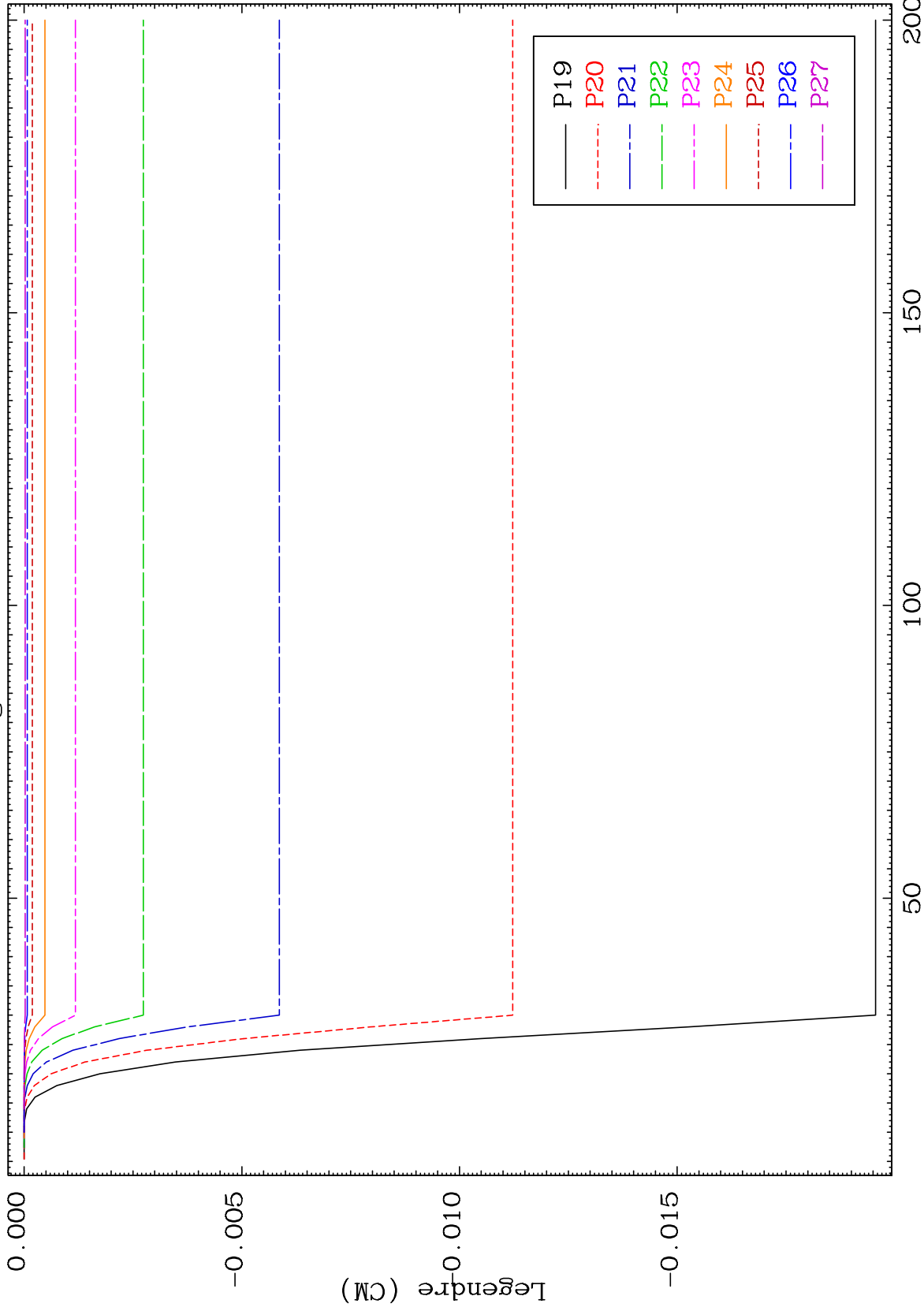
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



106

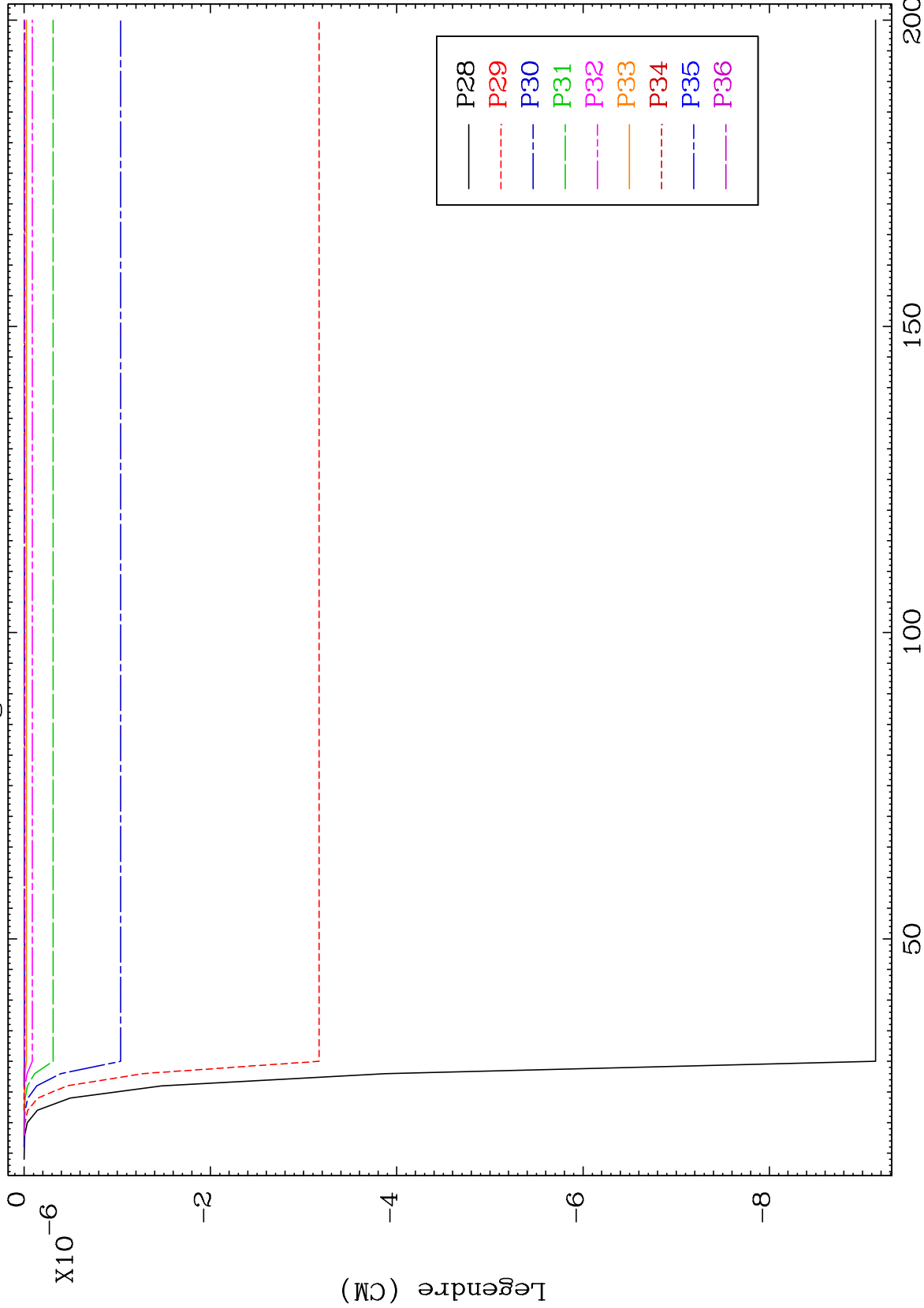
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



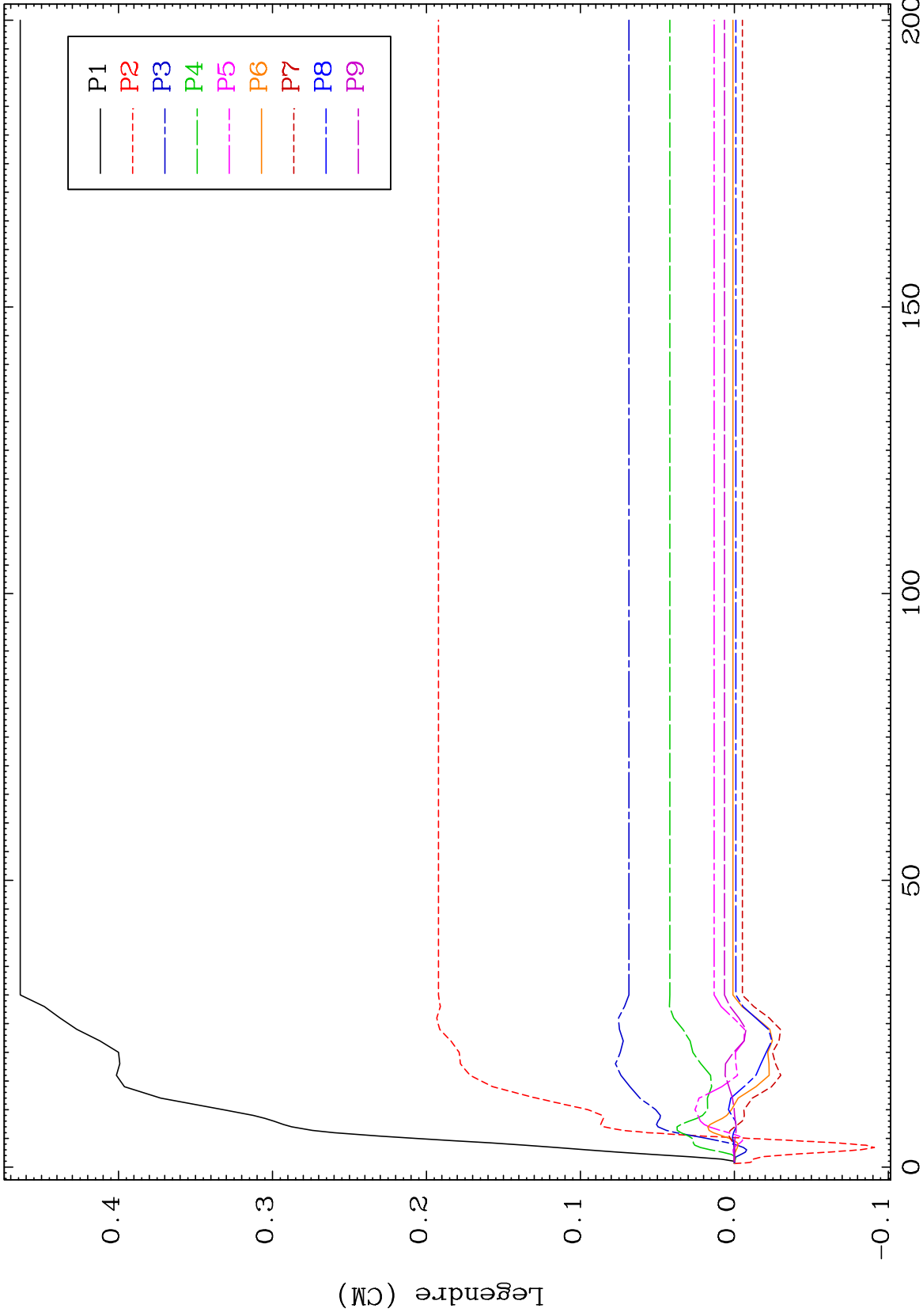
107

59-Pr-134

MAT 5904

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

59-Pr-134



108

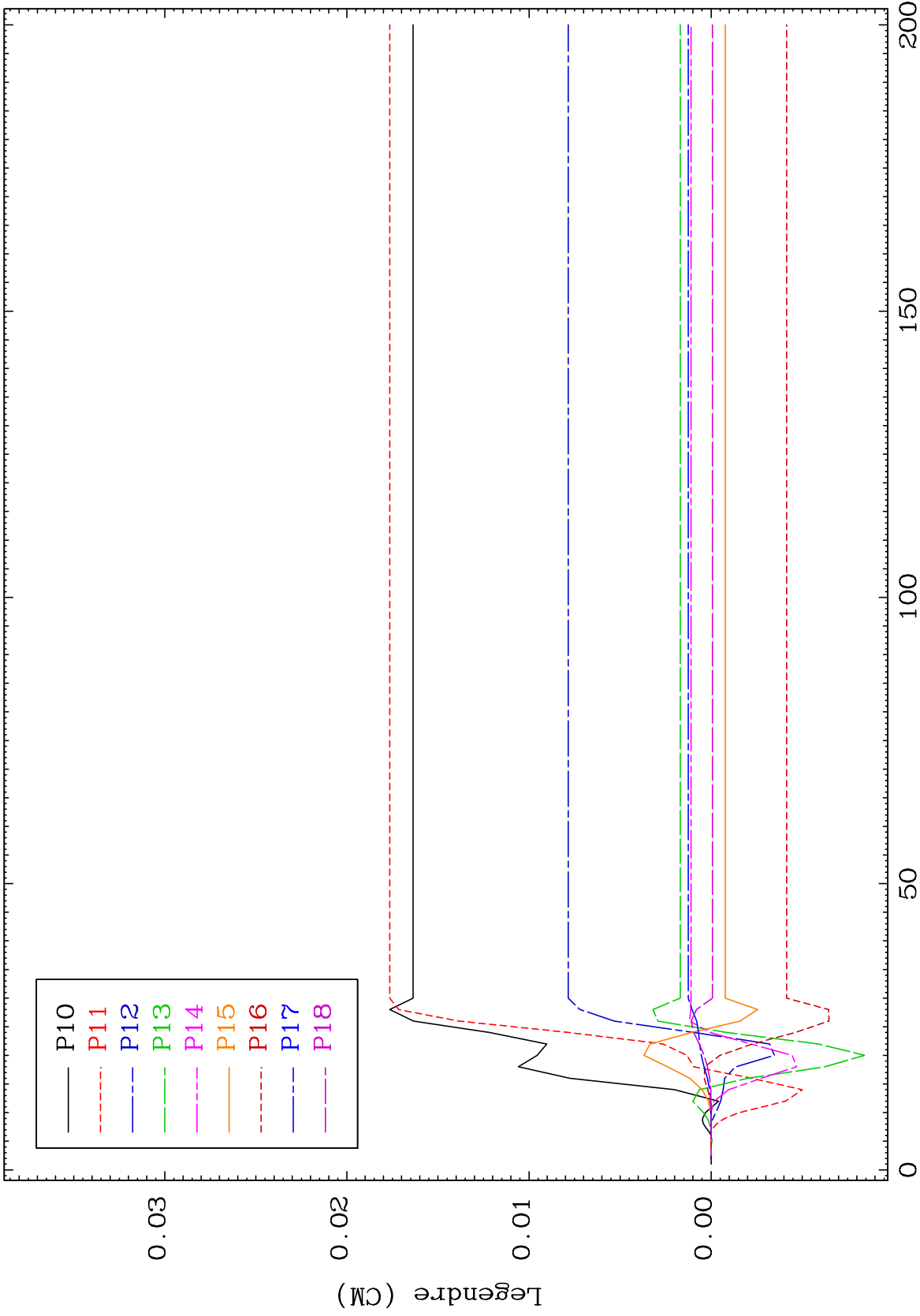
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



109

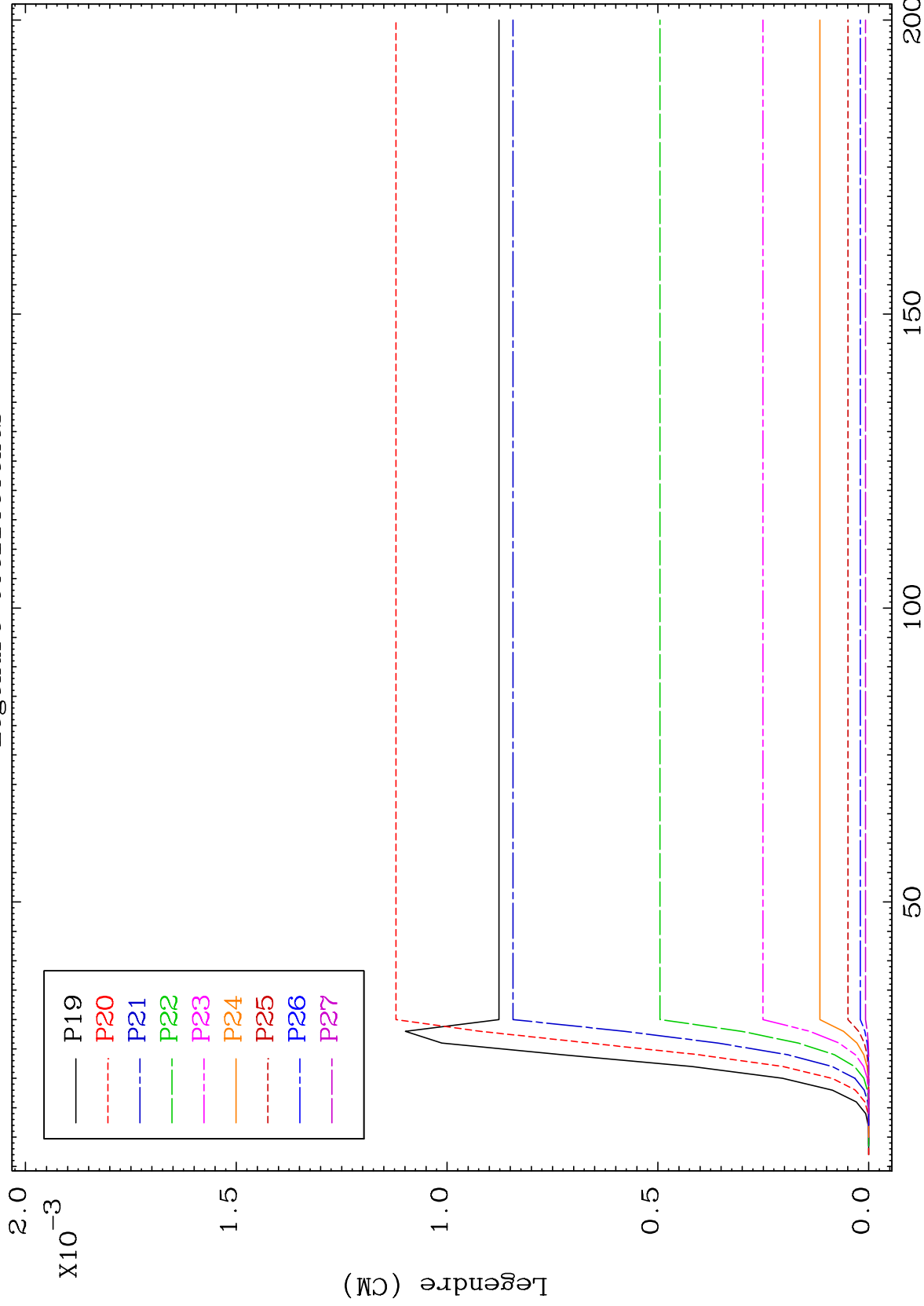
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



110

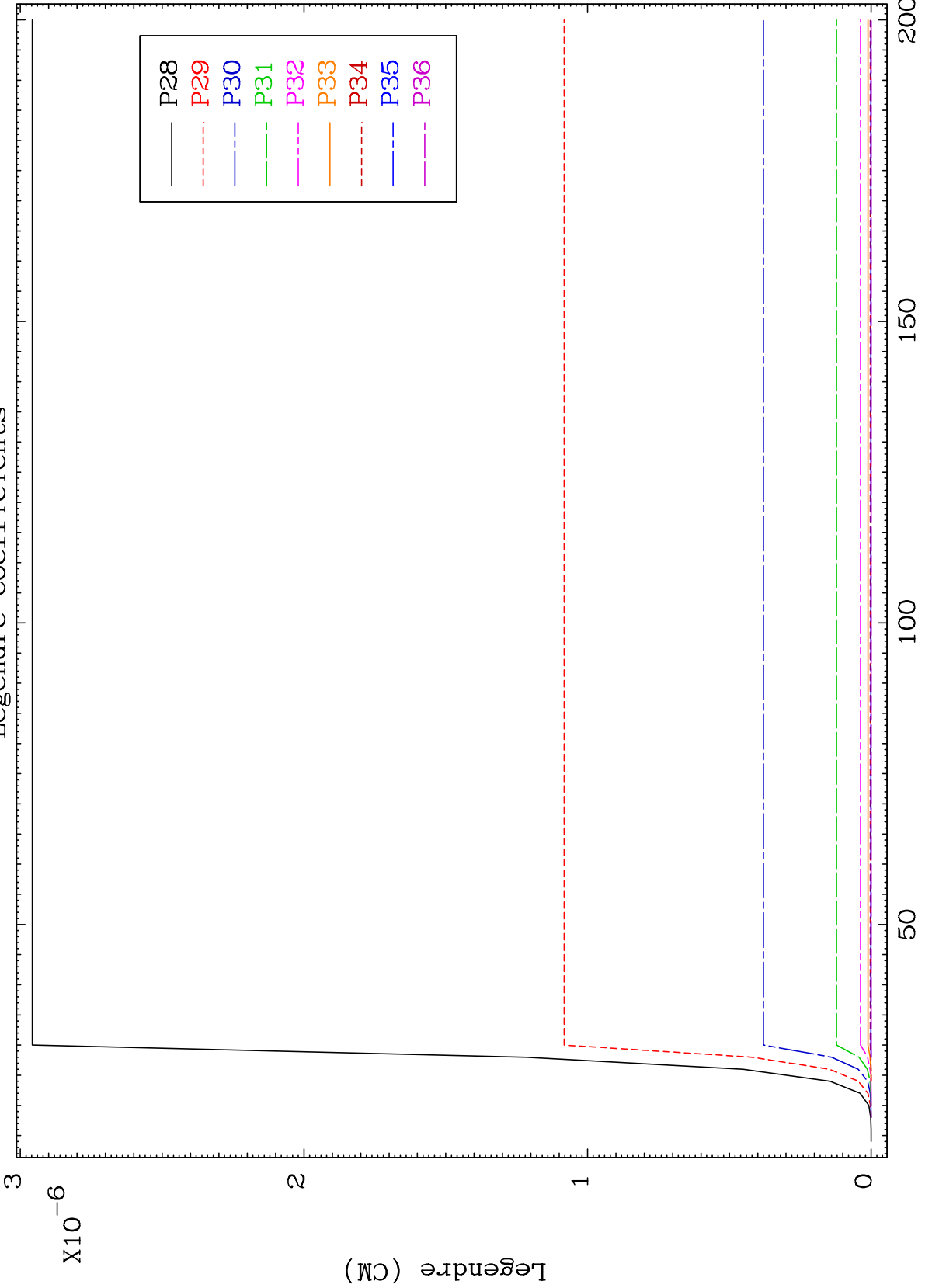
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



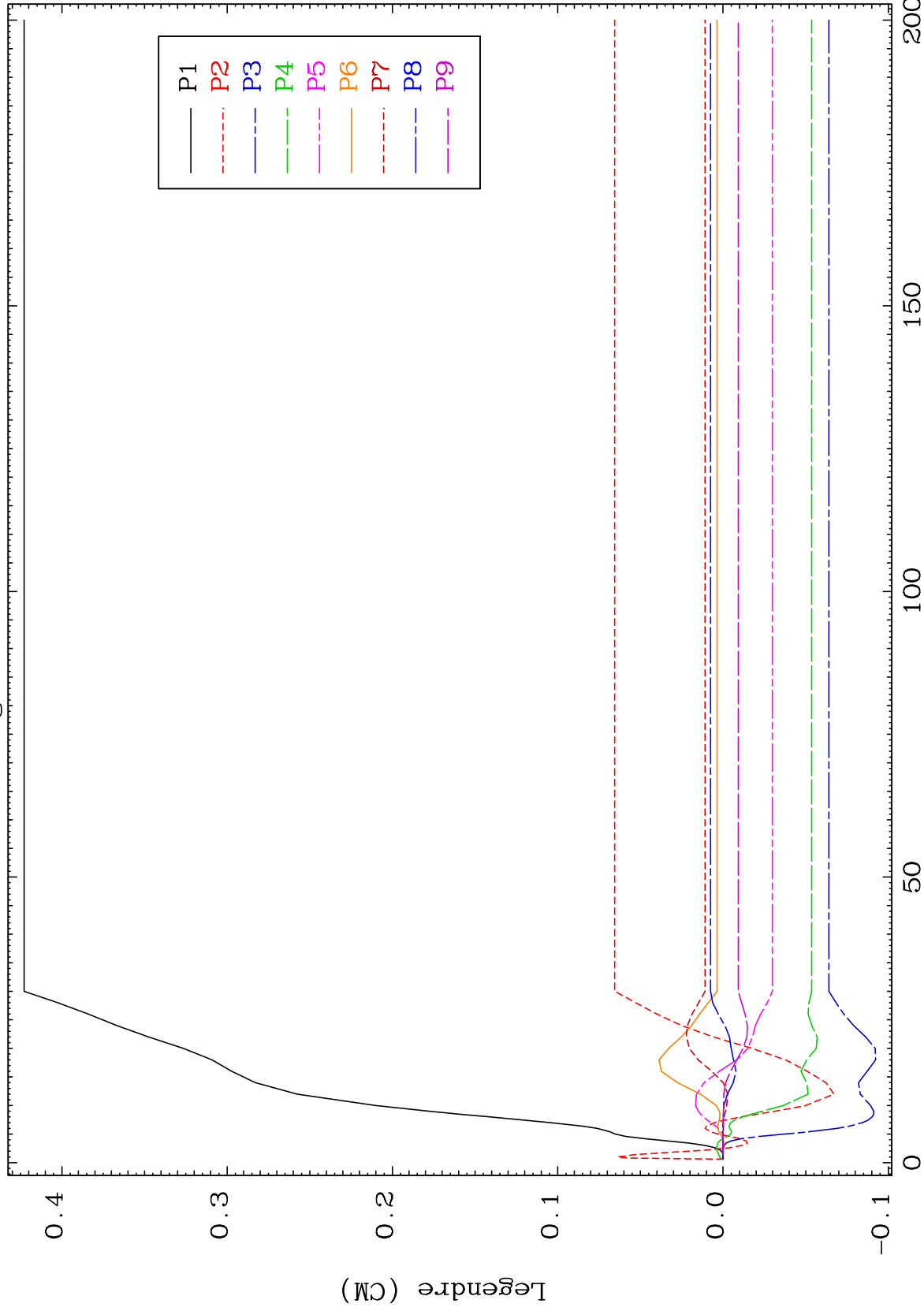
111

59-Pr-134

MAT 5904

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

59-Pr-134



112

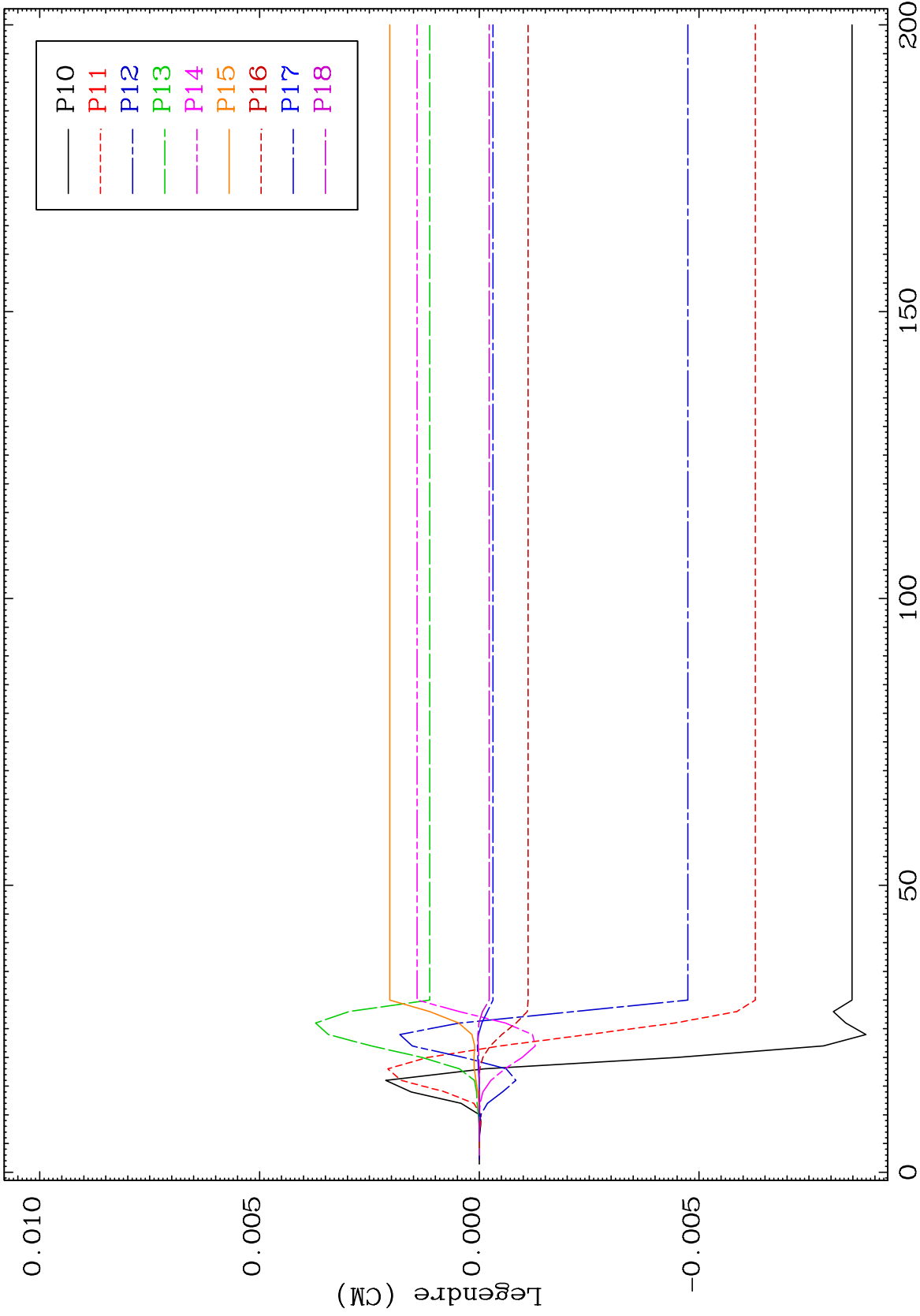
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



113

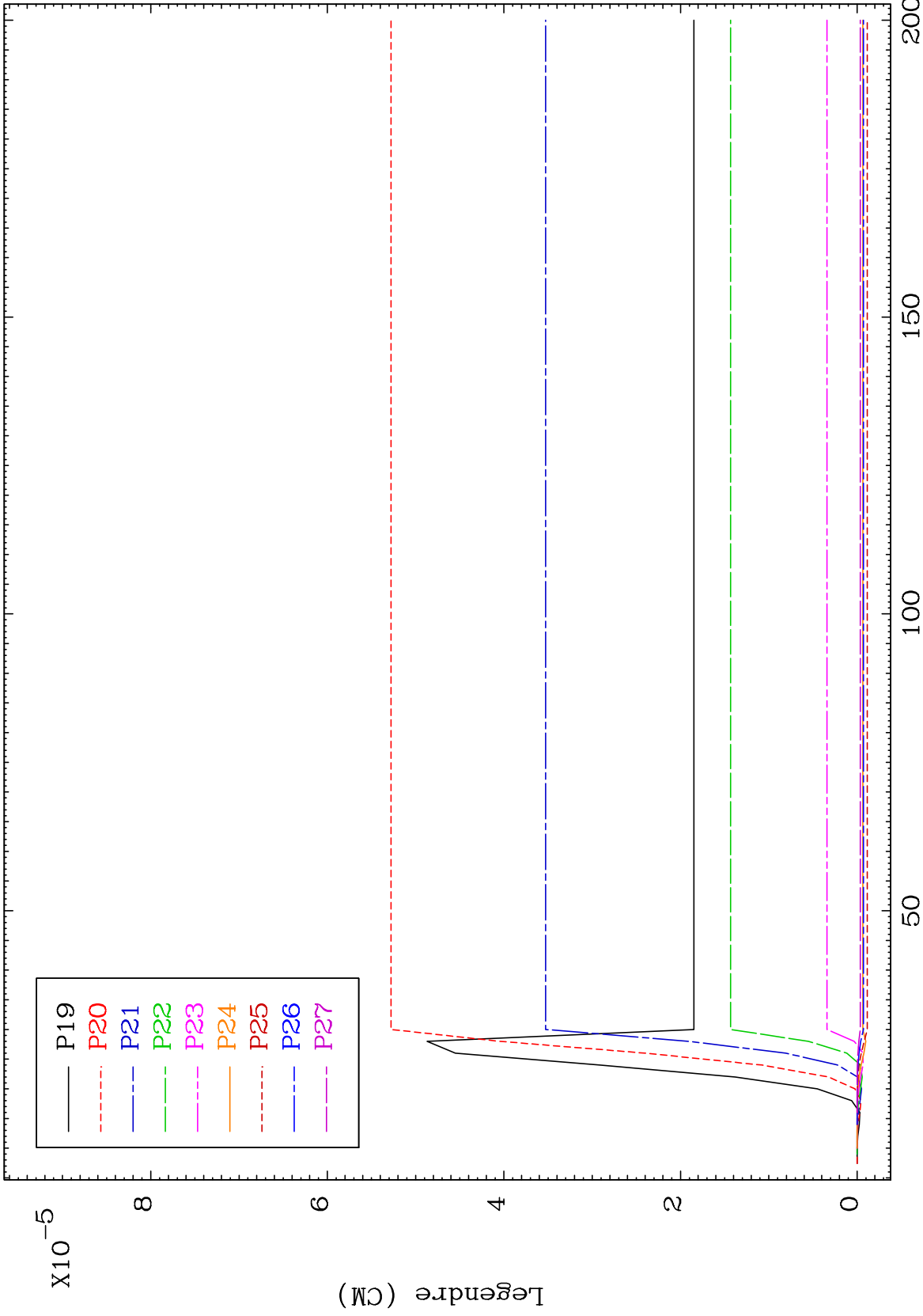
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



114

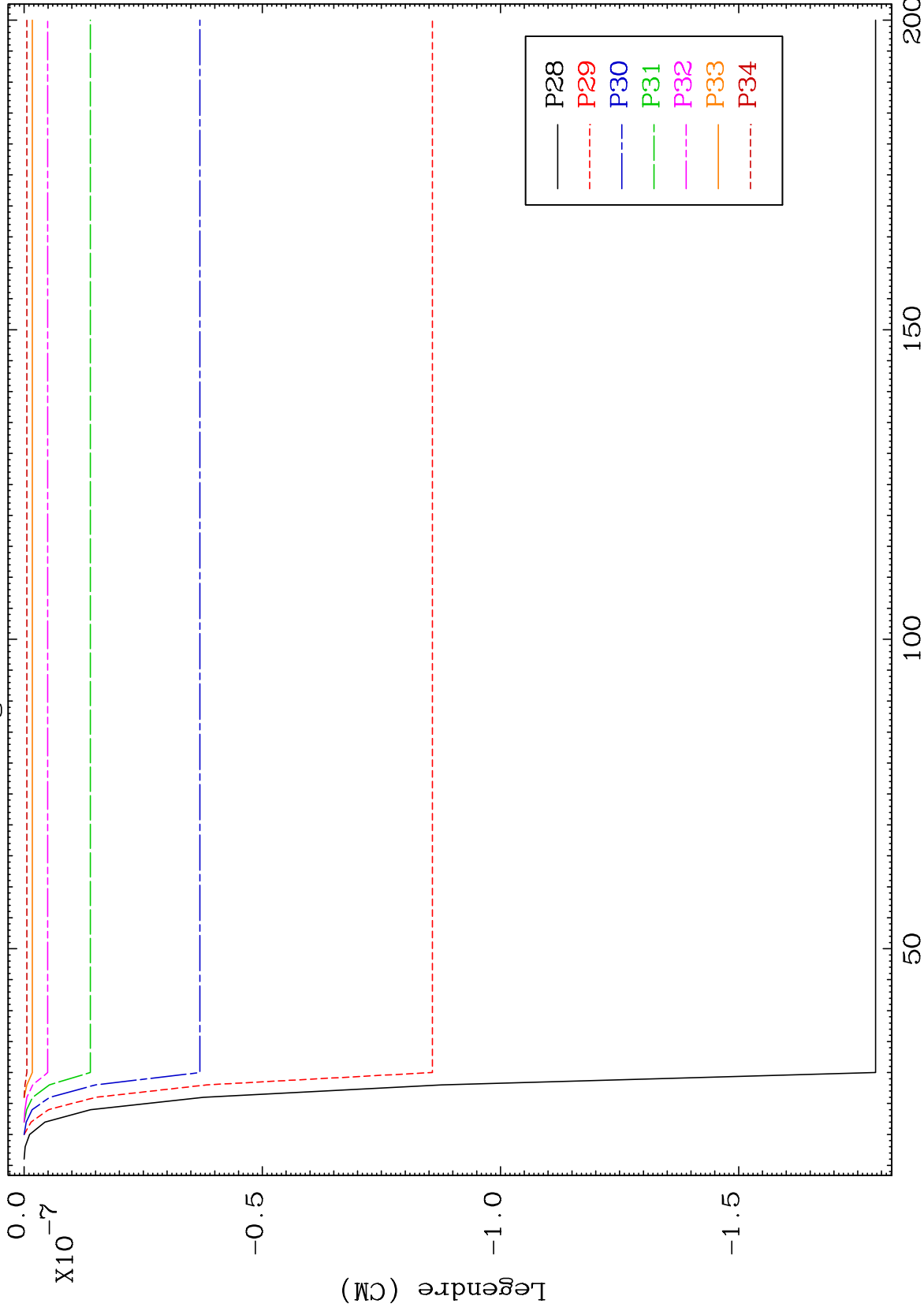
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



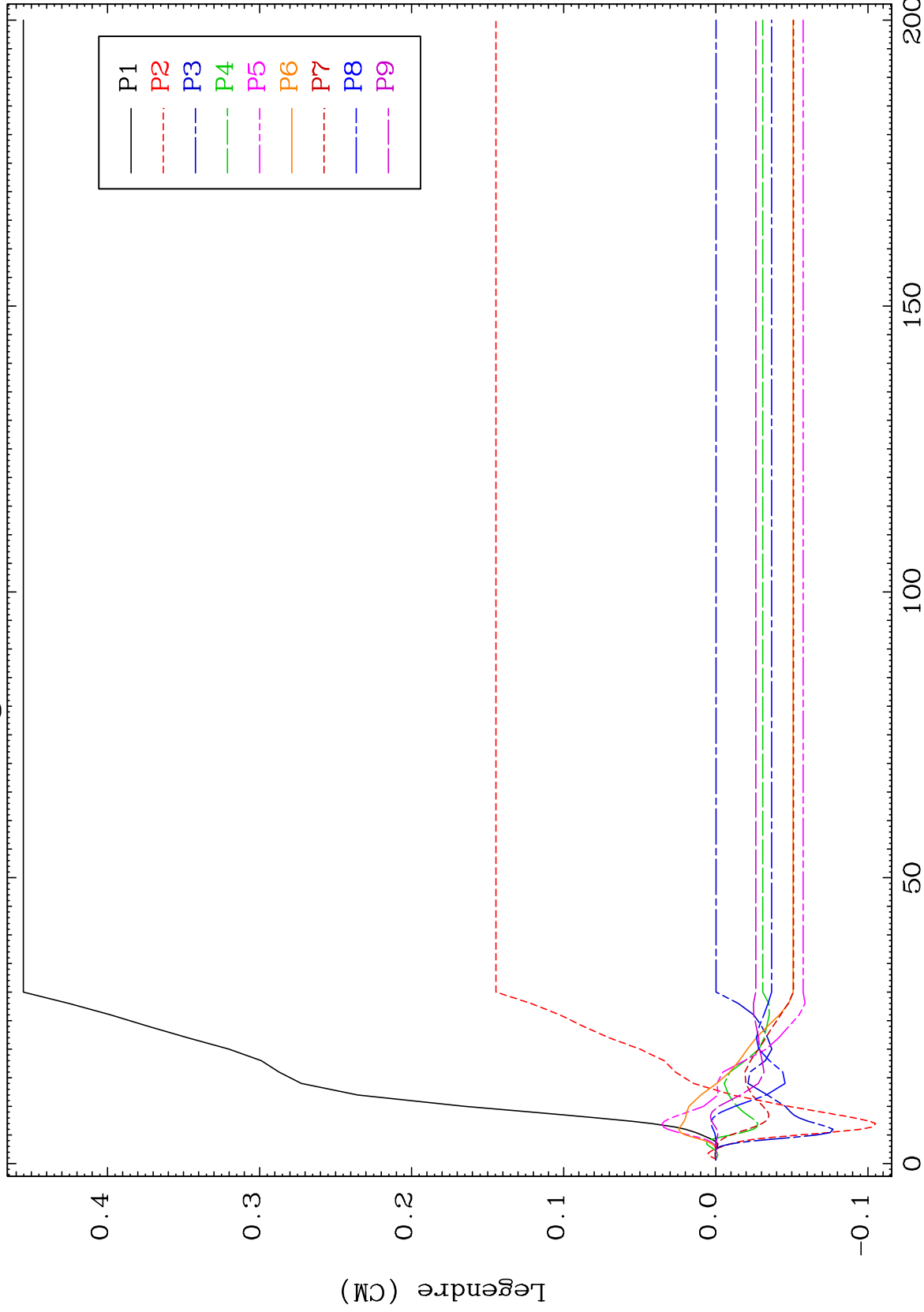
115

59-Pr-134

MAT 5904

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

59-Pr-134



116

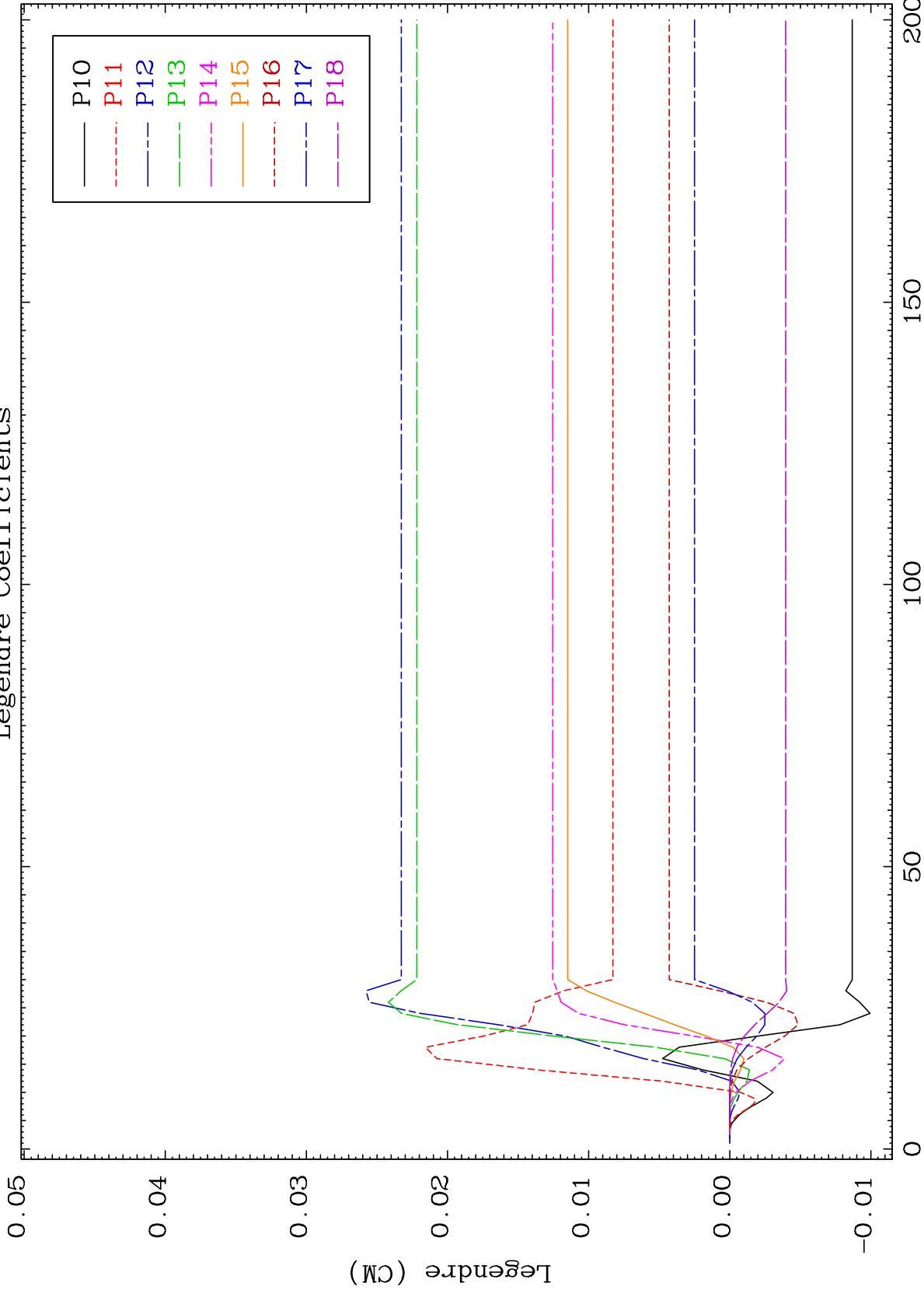
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



117

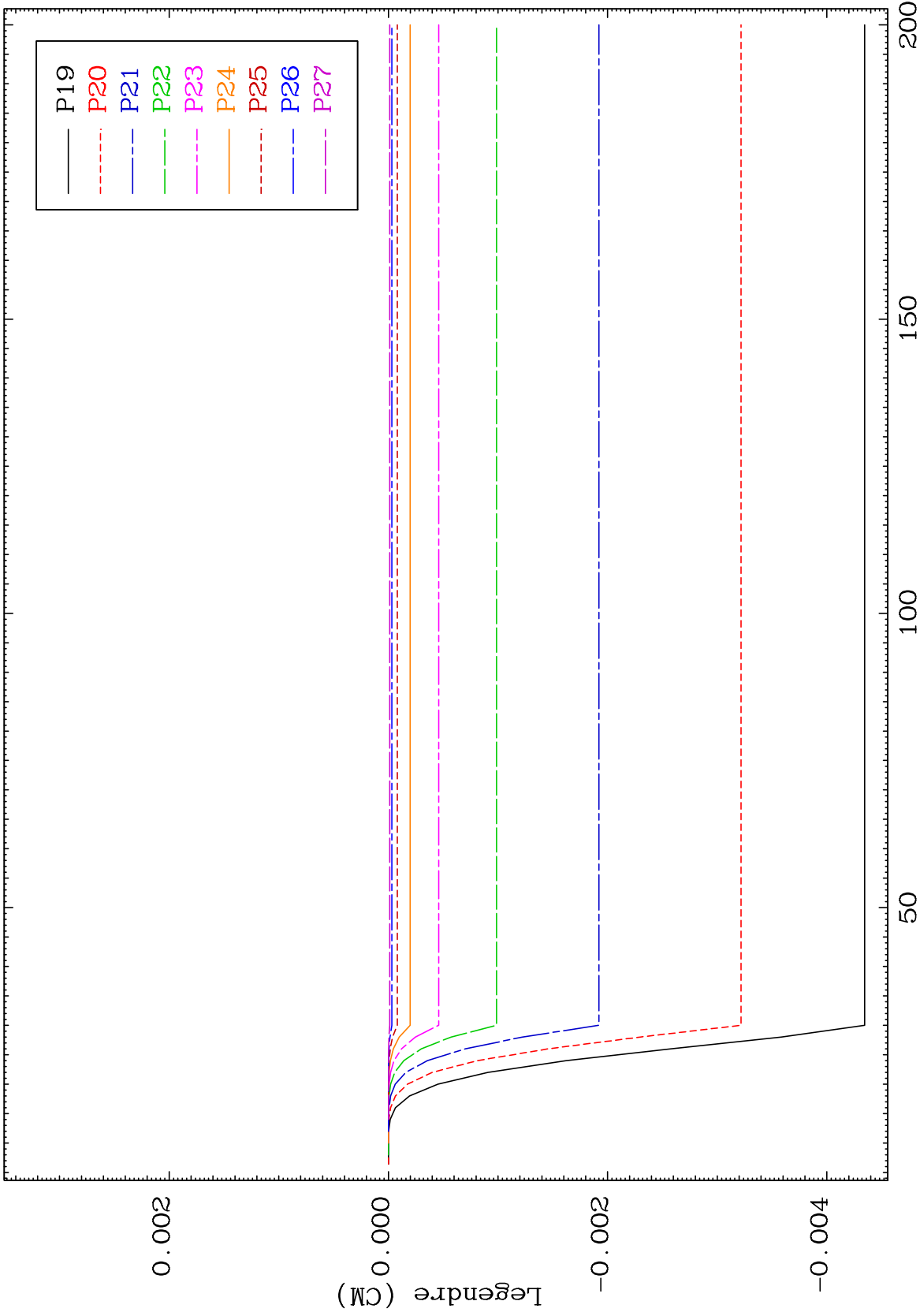
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



118

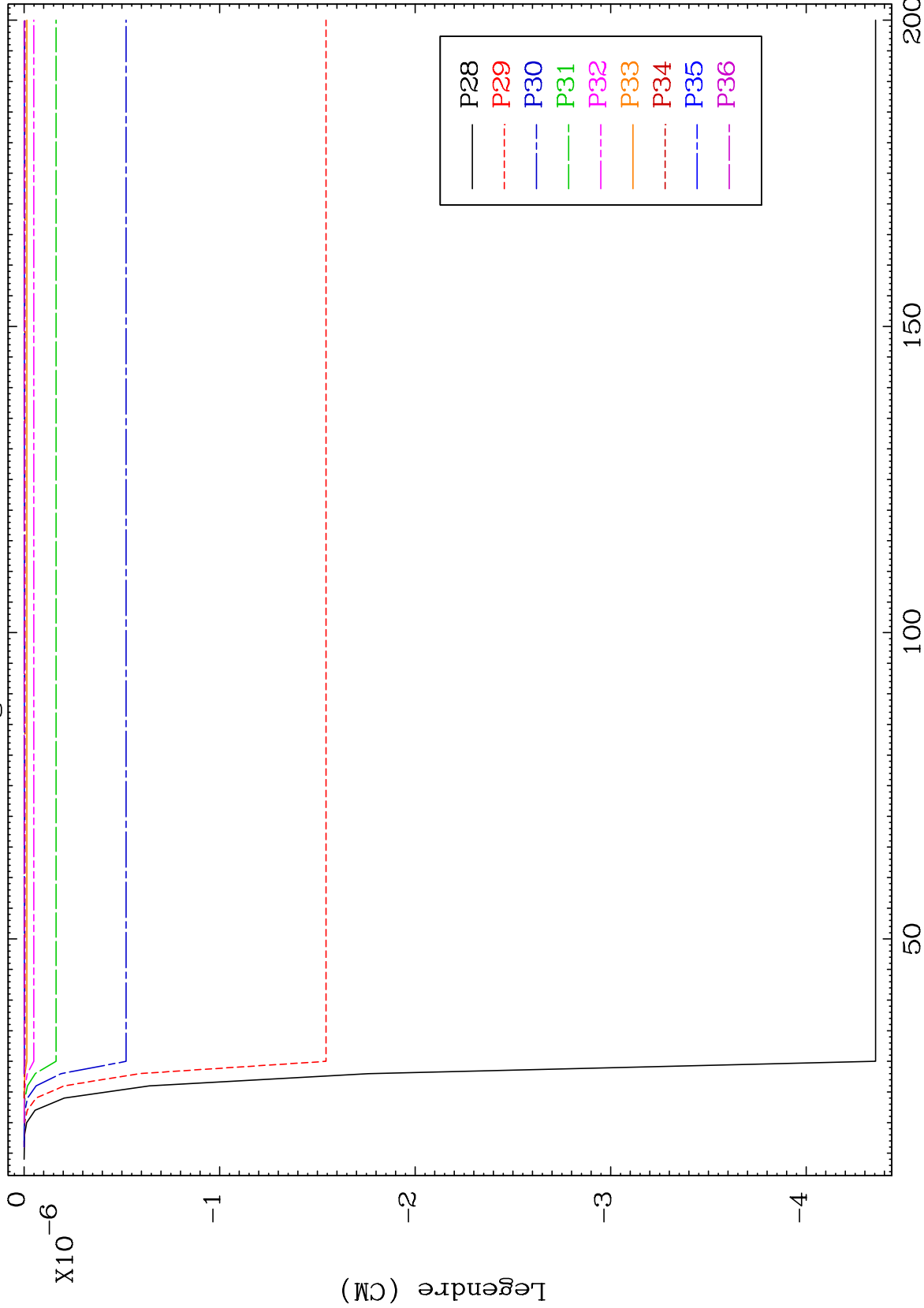
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



119

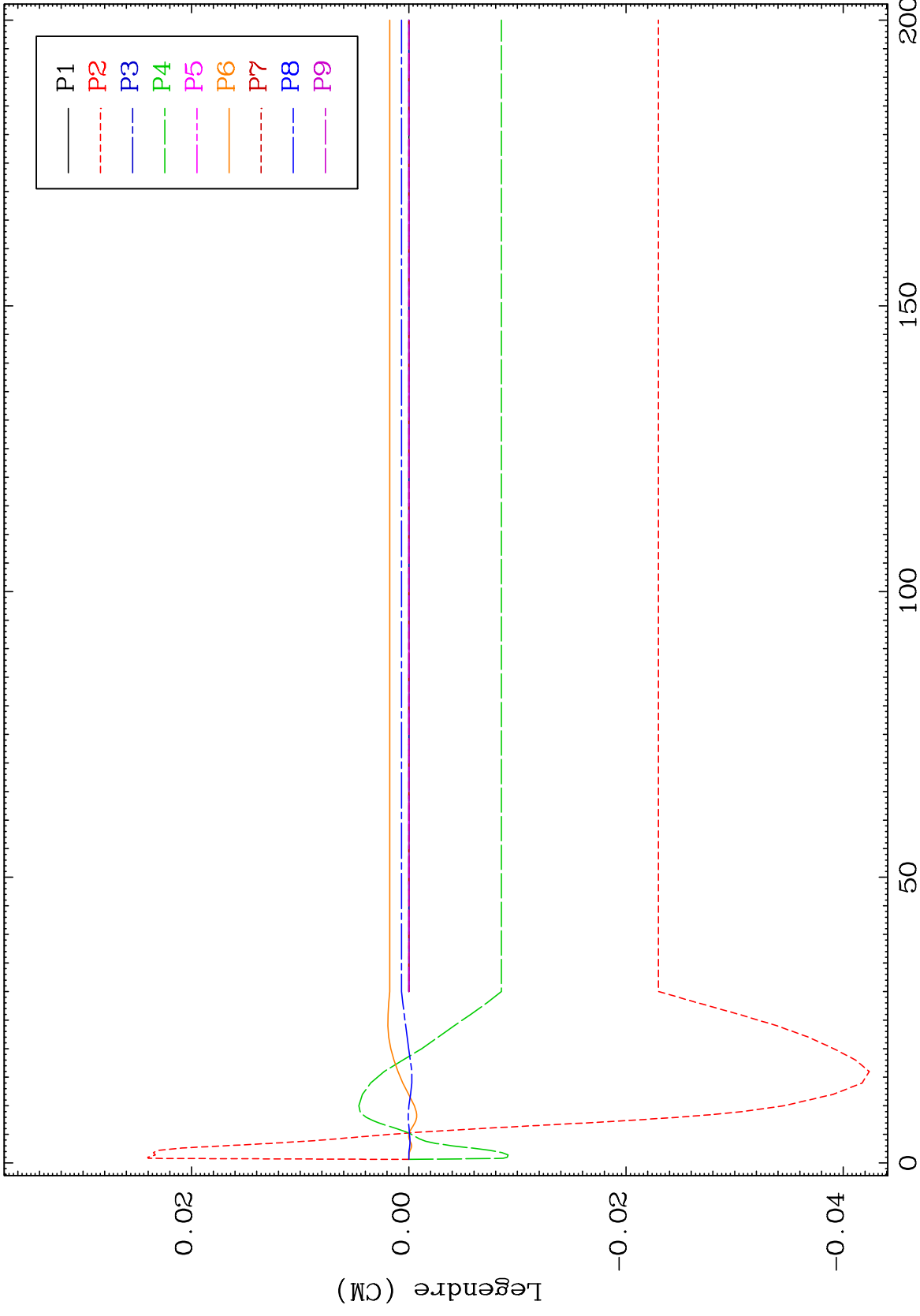
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



59-Pr-134

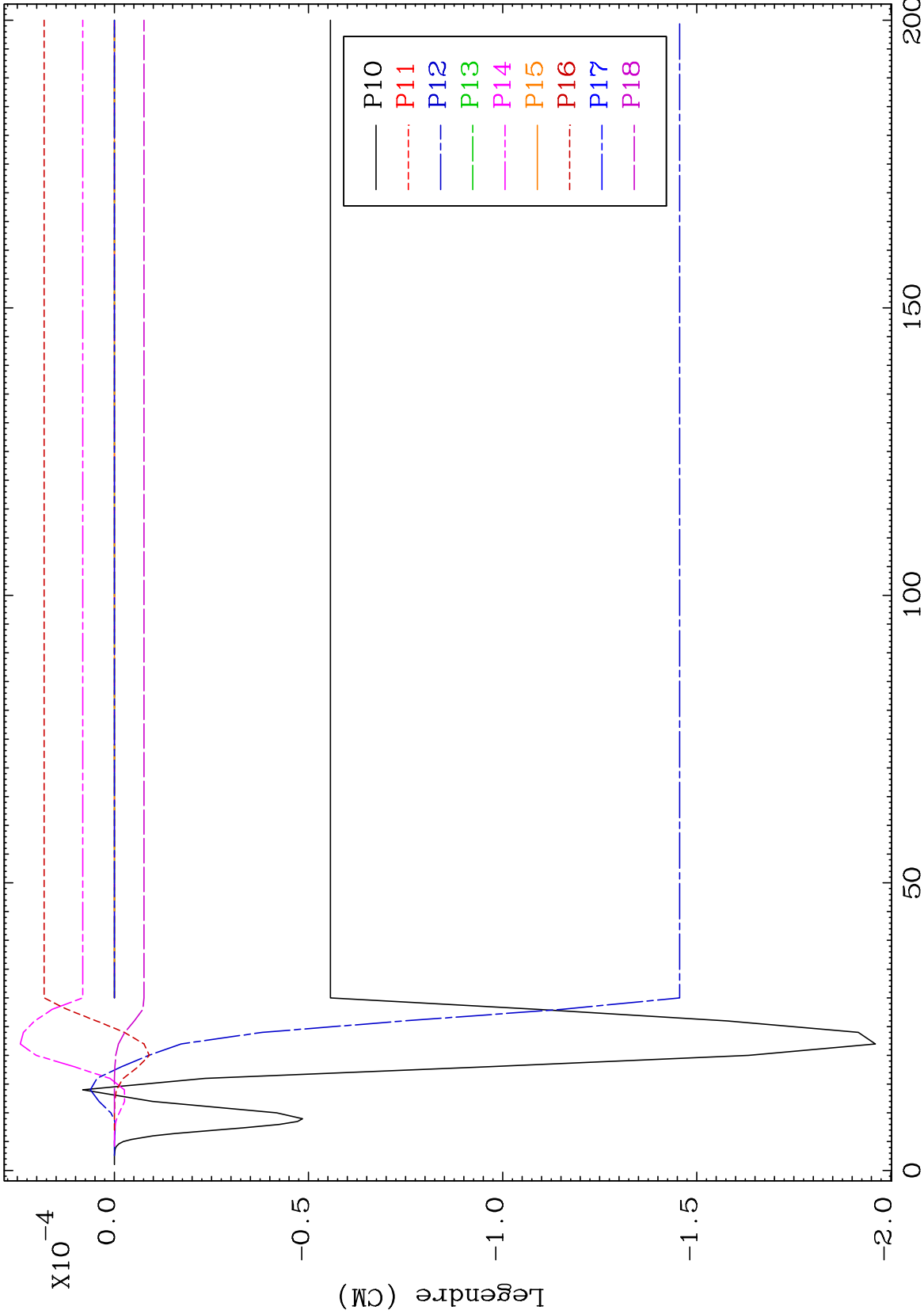
Incident Energy (MeV)

120

MAT 5904

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

59-Pr-134



121

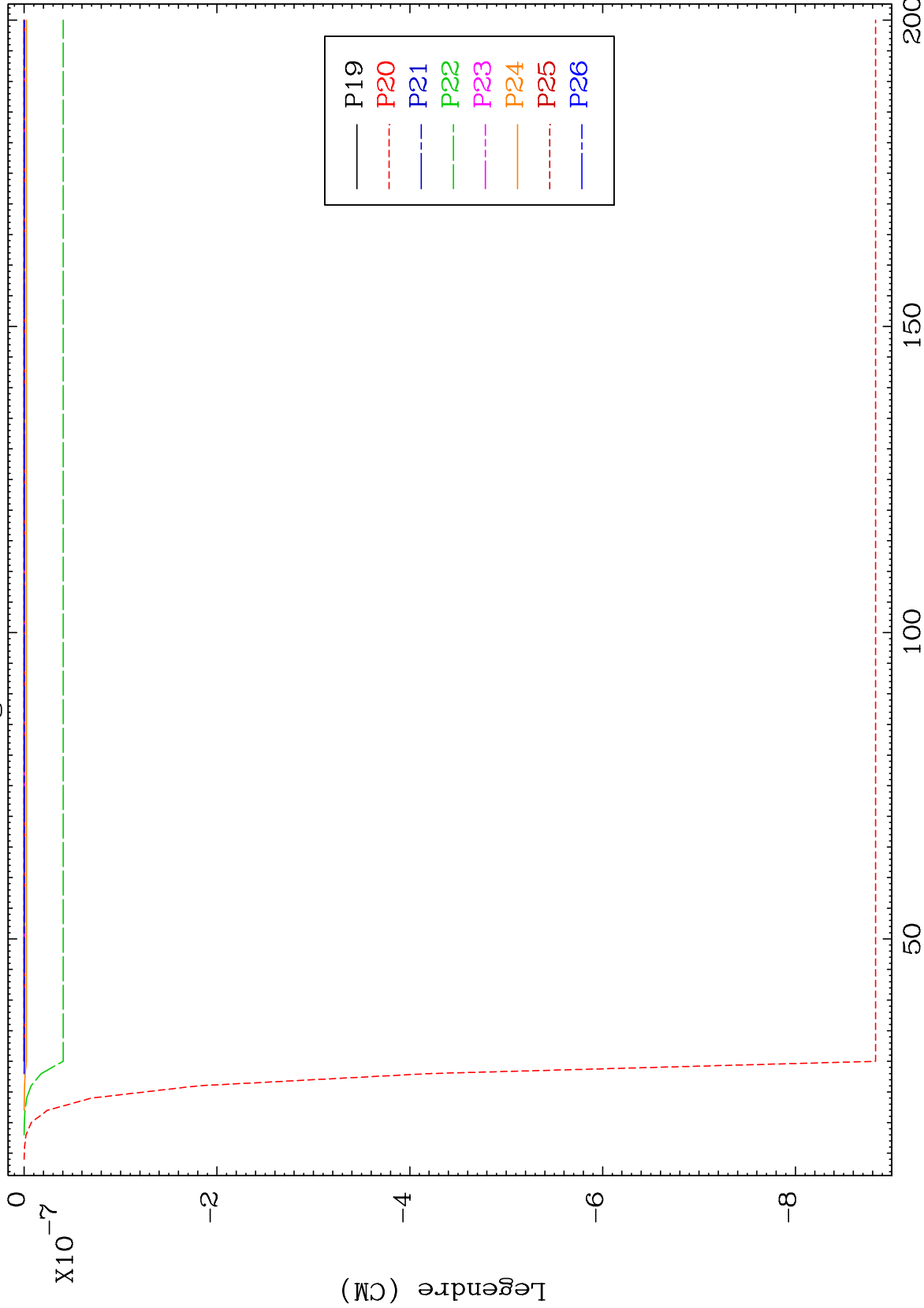
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



122

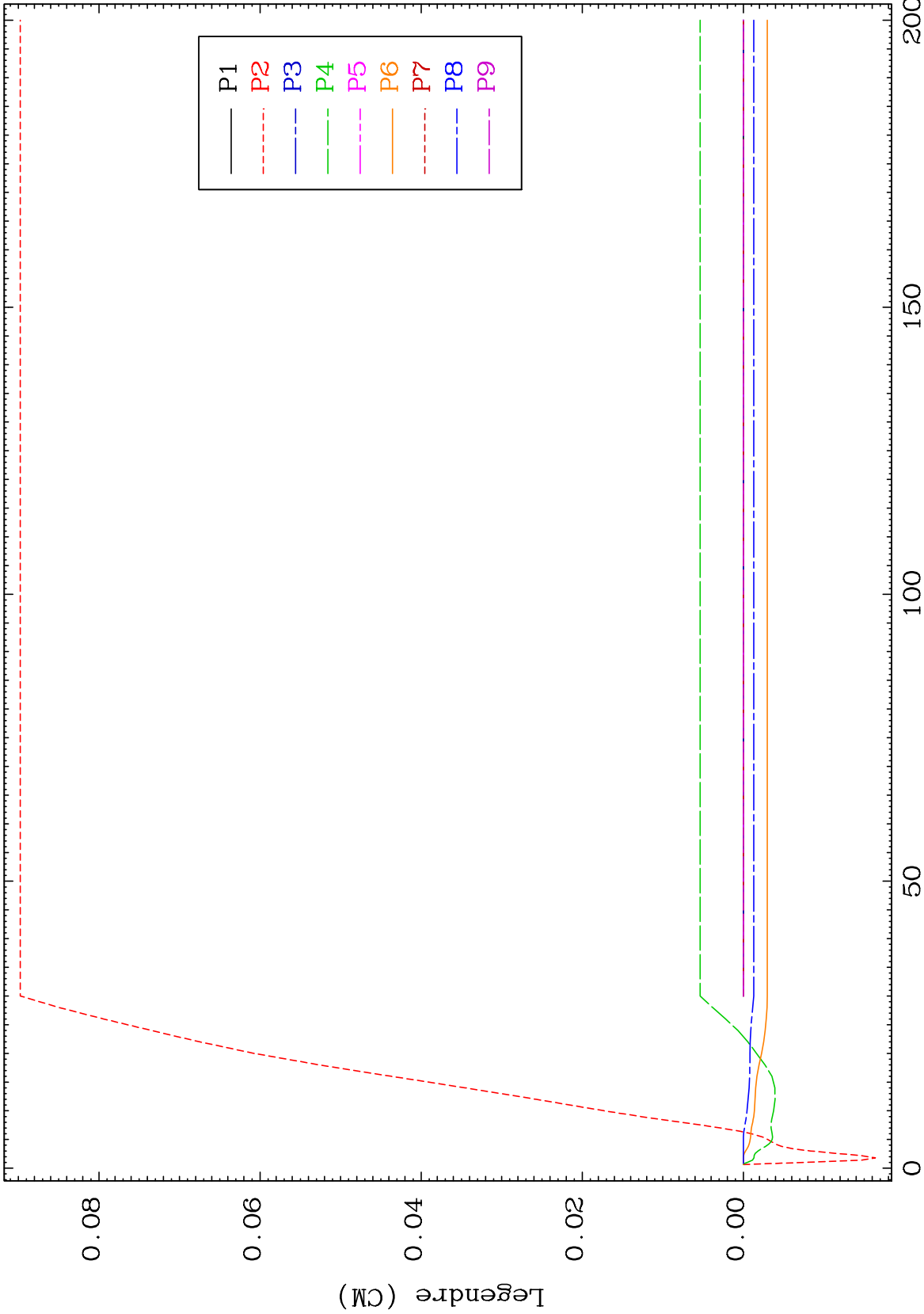
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



123

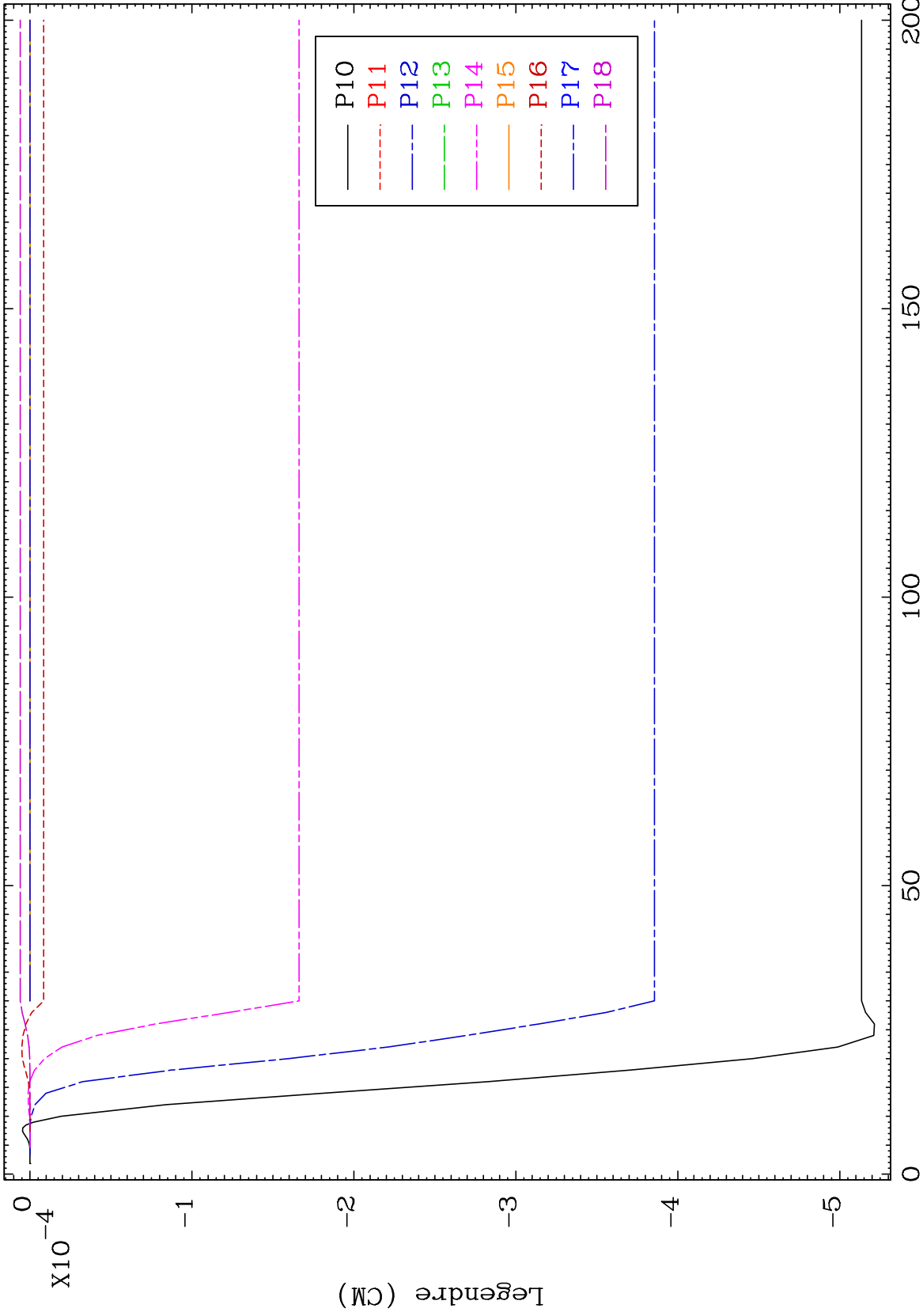
Incident Energy (MeV)

59-Pr-134

MAT 5904

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

59-Pr-134



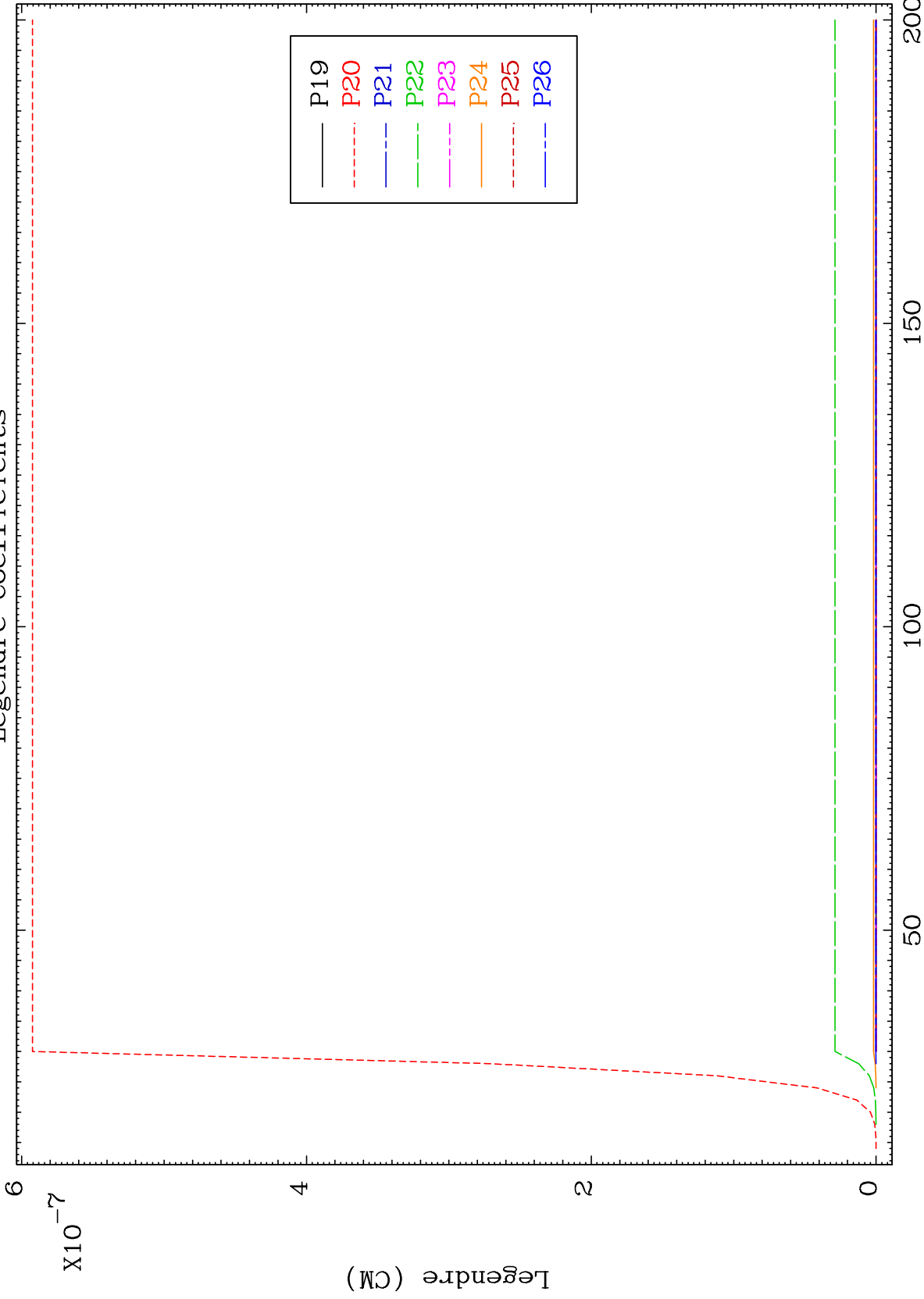
124

59-Pr-134

MAT 5904

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

59-Pr-134



59-Pr-134

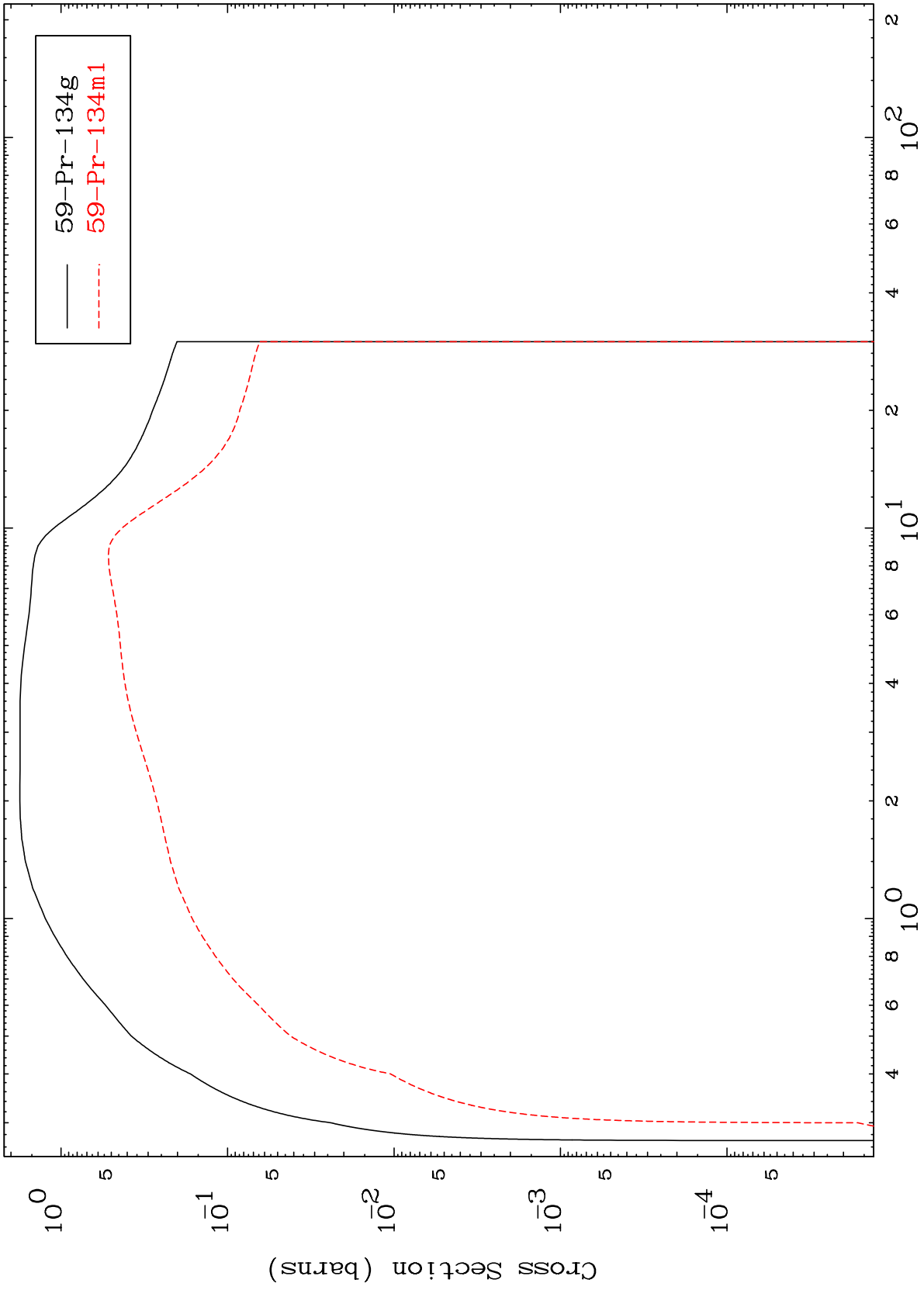
Incident Energy (MeV)

125

MAT 5904

59-Pr-134

Inelastic Radionuclide Production Cross Section



126

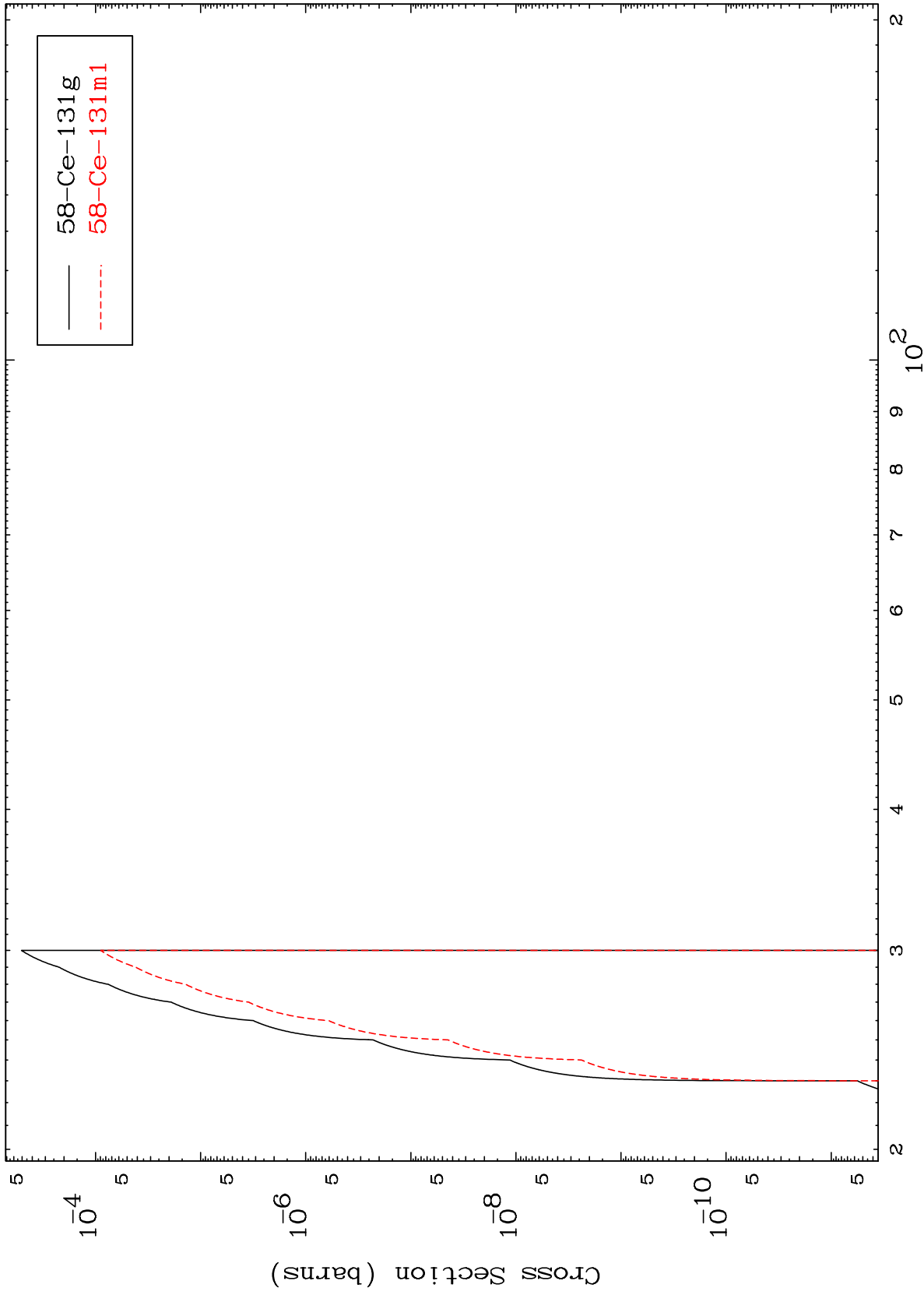
59-Pr-134

MAT 5904

(n,2n) d

59-Pr-134

Radionuclide Production Cross Section



127

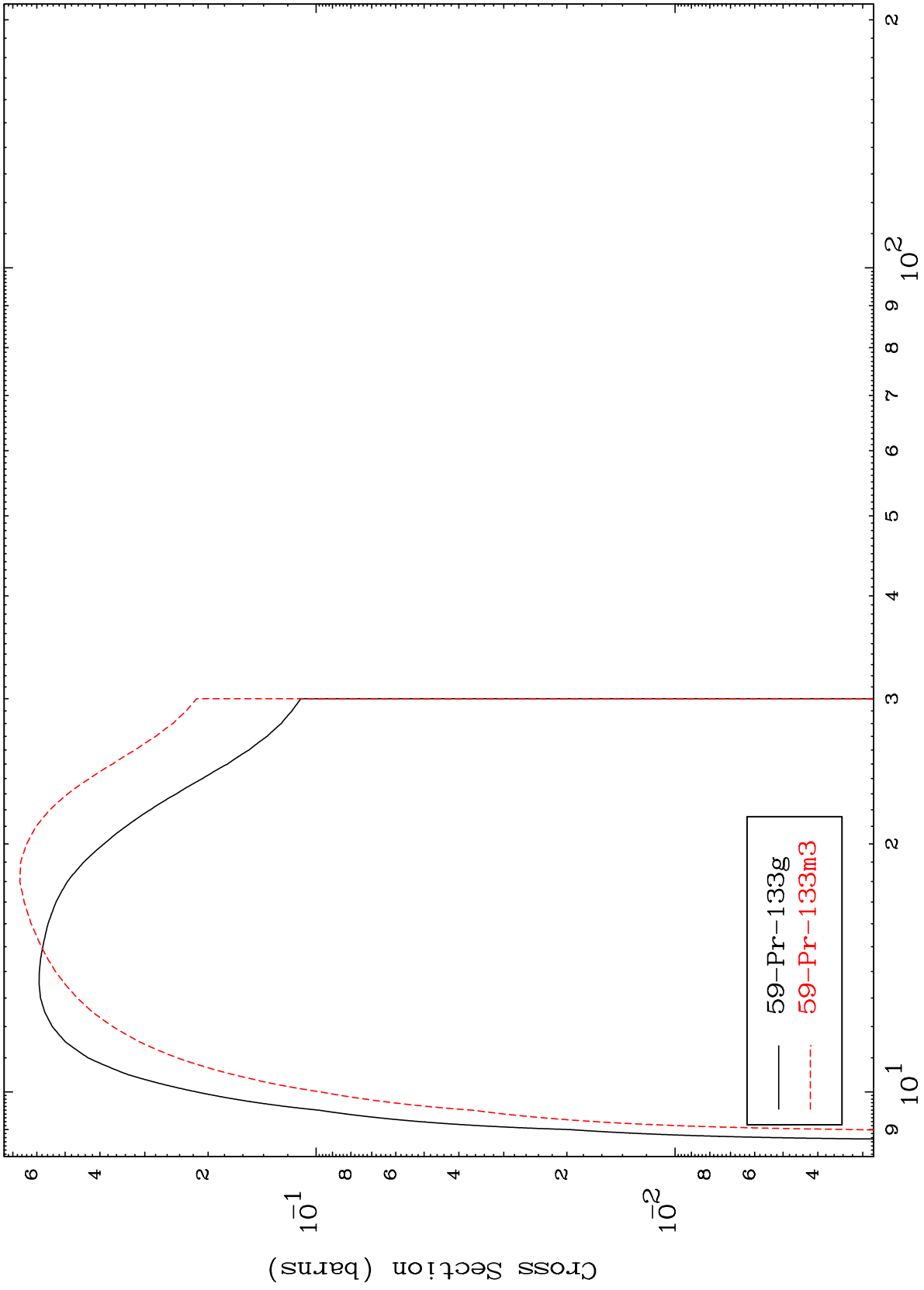
Incident Energy (MeV)

59-Pr-134

MAT 5904

59-Pr-134

(n,2n)
Radionuclide Production Cross Section



128

Incident Energy (MeV)

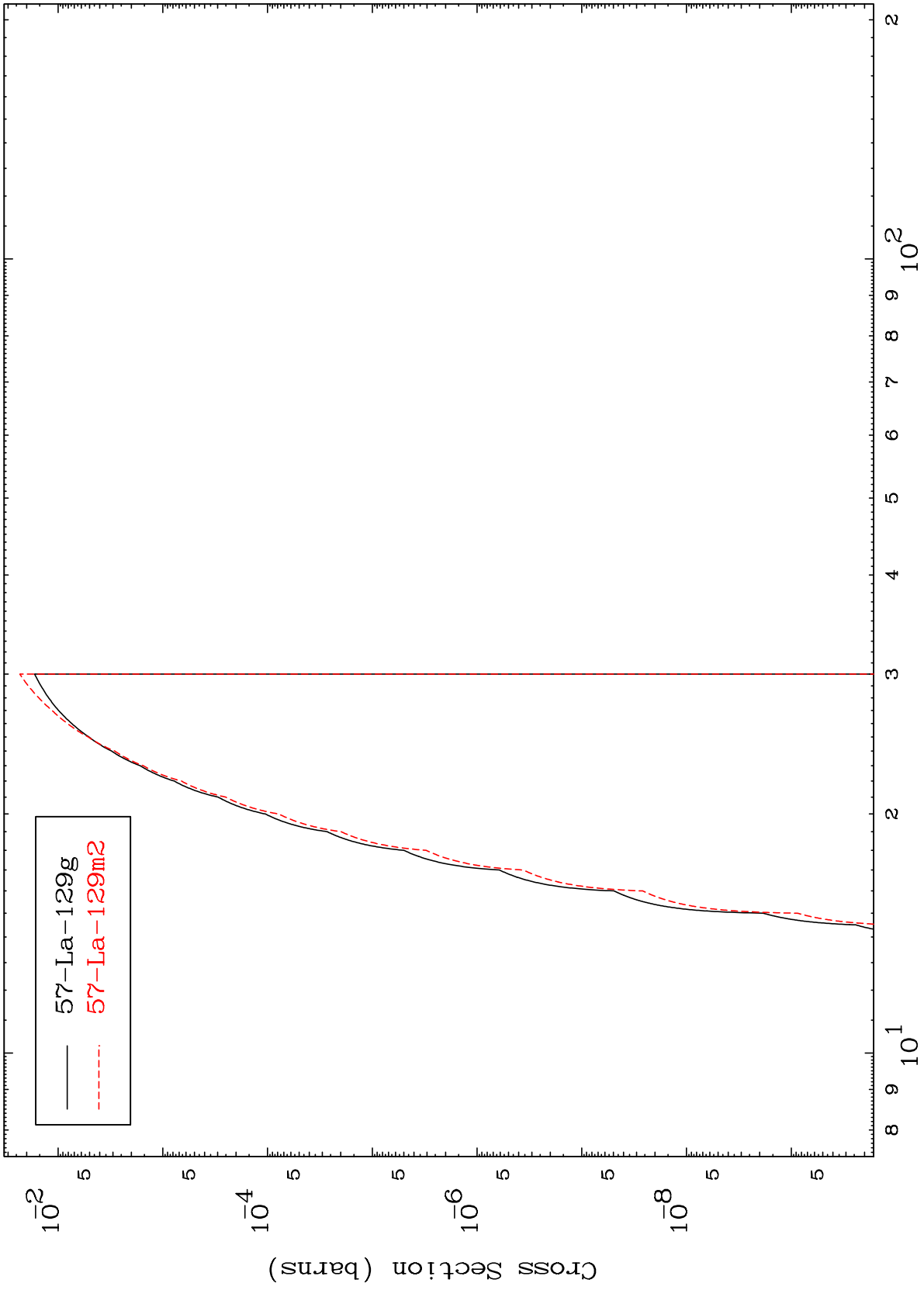
59-Pr-134

MAT 5904

(n,2n) α

59-Pr-134

Radionuclide Production Cross Section



129

Incident Energy (MeV)

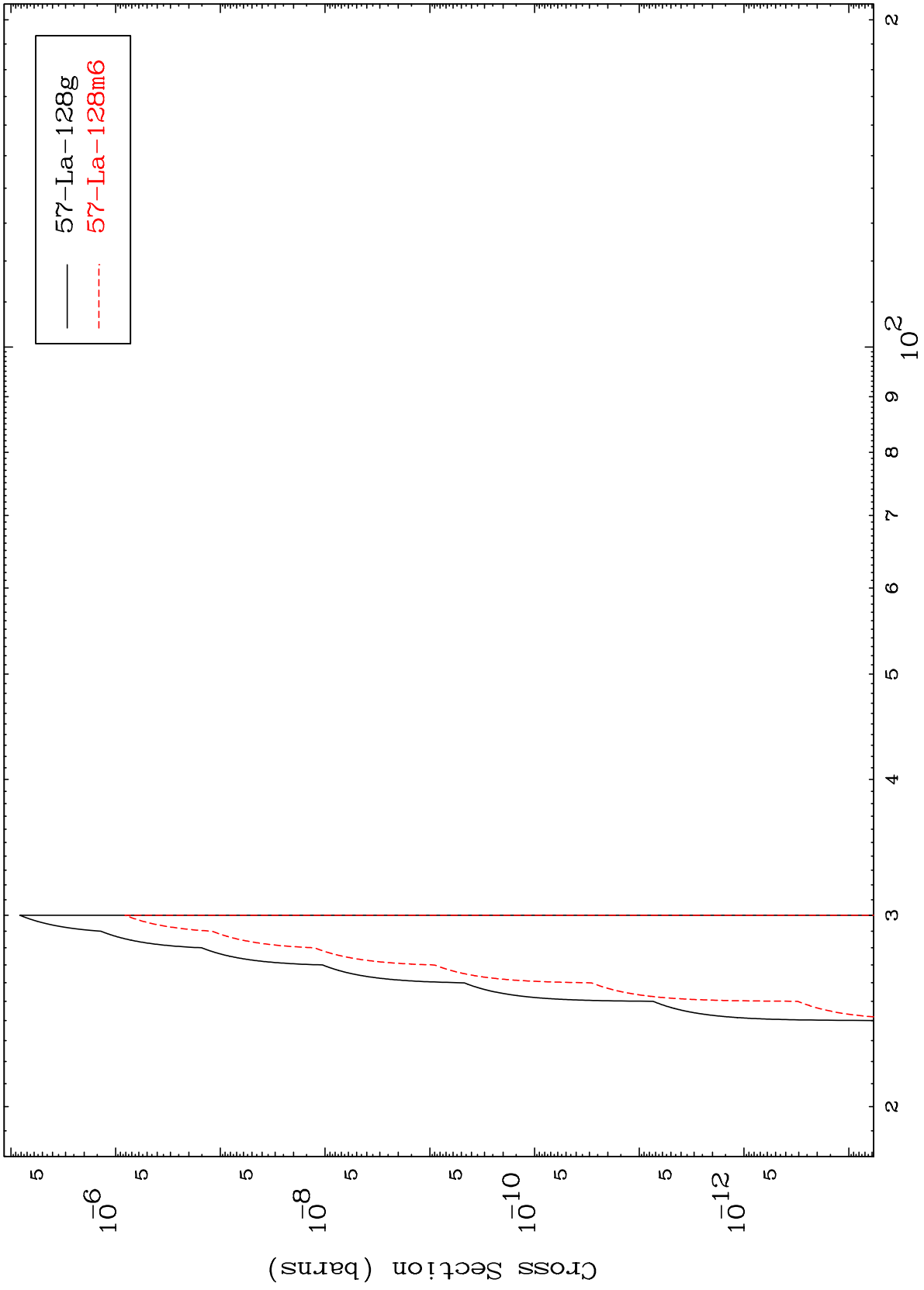
59-Pr-134

MAT 5904

(n,3n) α

59-Pr-134

Radionuclide Production Cross Section



130

Incident Energy (MeV)

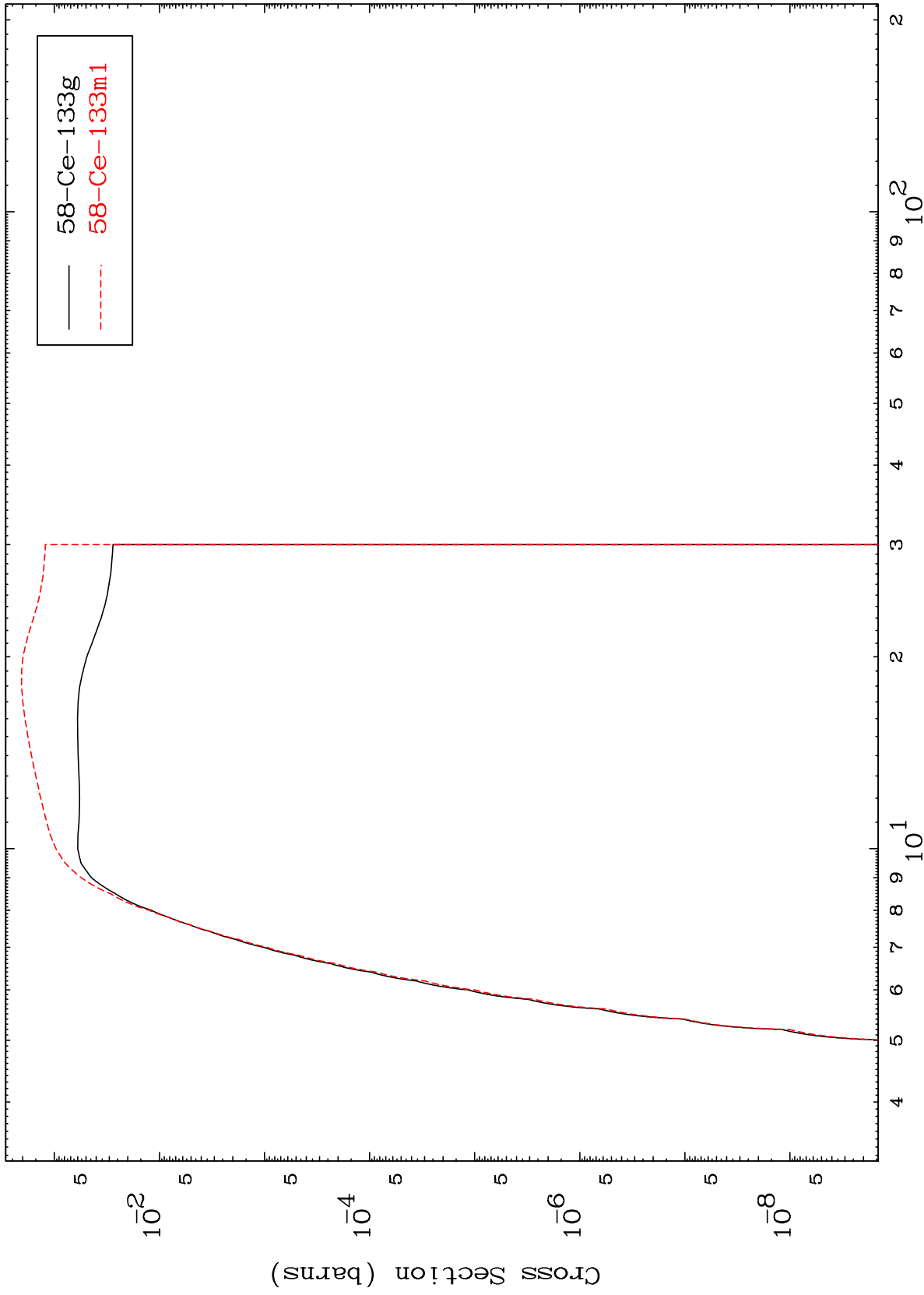
59-Pr-134

MAT 5904

(n,n') p

59-Pr-134

Radionuclide Production Cross Section



131

Incident Energy (MeV)

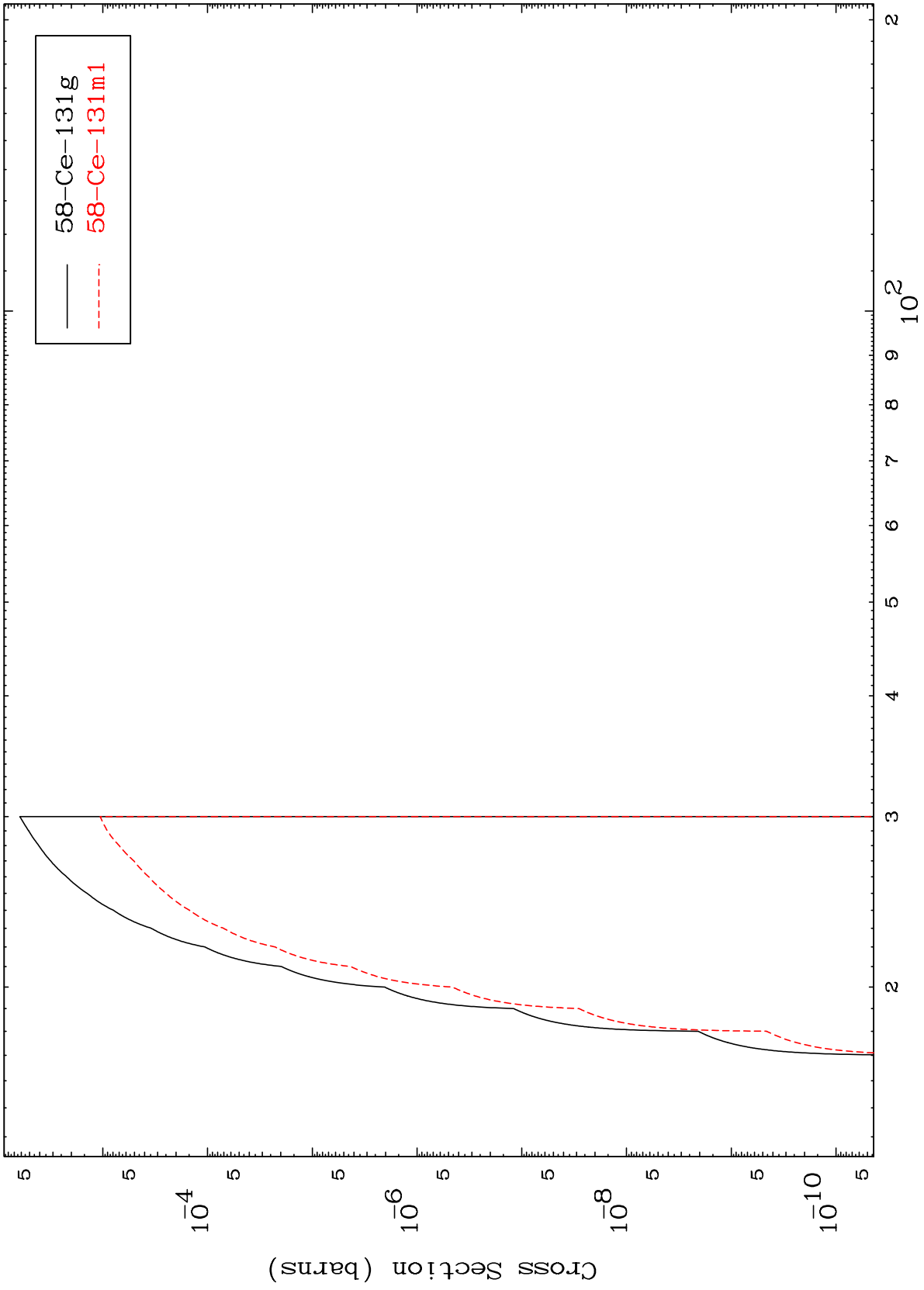
59-Pr-134

MAT 5904

(n,n') t

59-Pr-134

Radionuclide Production Cross Section



132

Incident Energy (MeV)

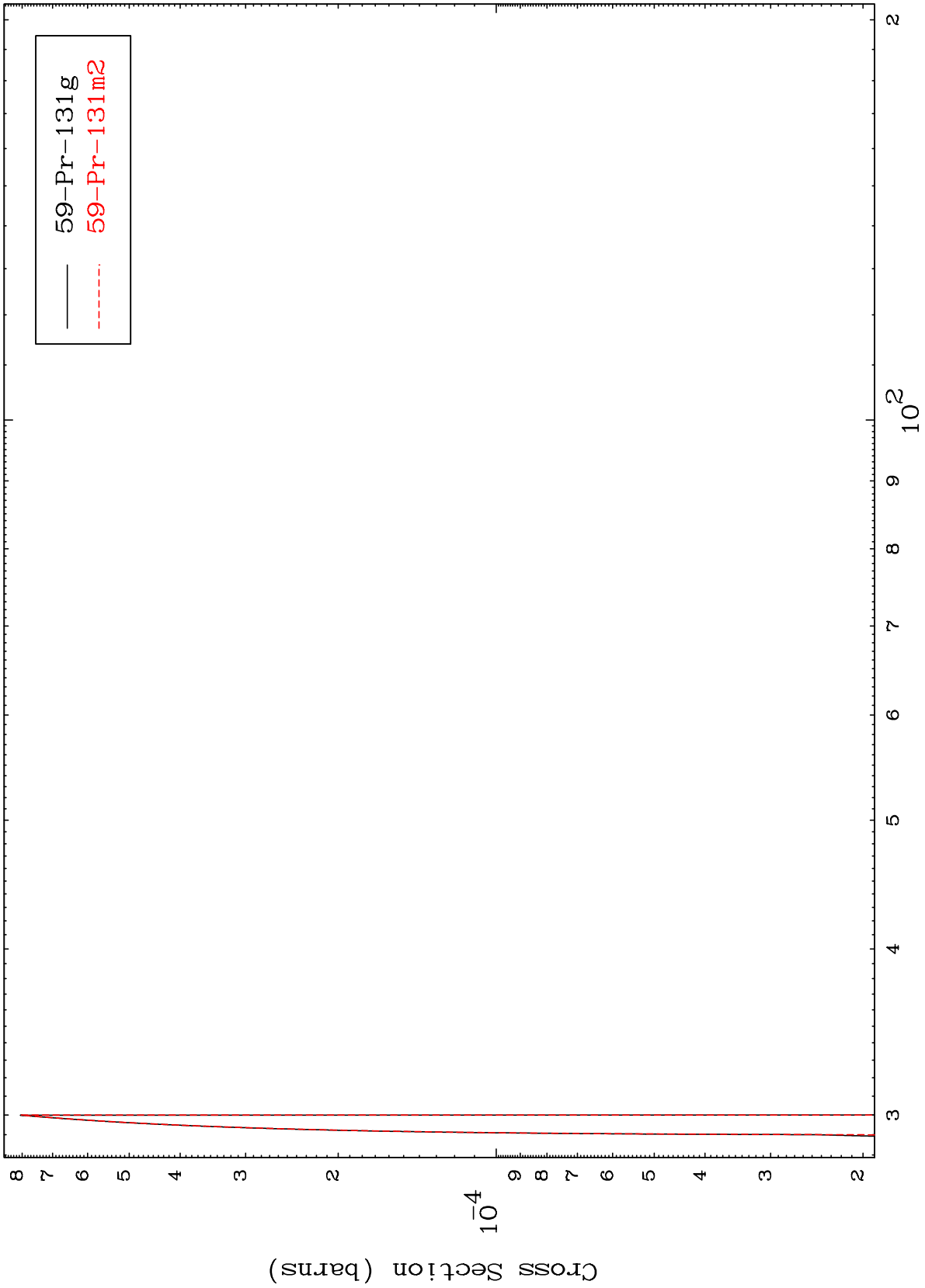
59-Pr-134

MAT 5904

(n,4n)

59-Pr-134

Radionuclide Production Cross Section



133

Incident Energy (MeV)

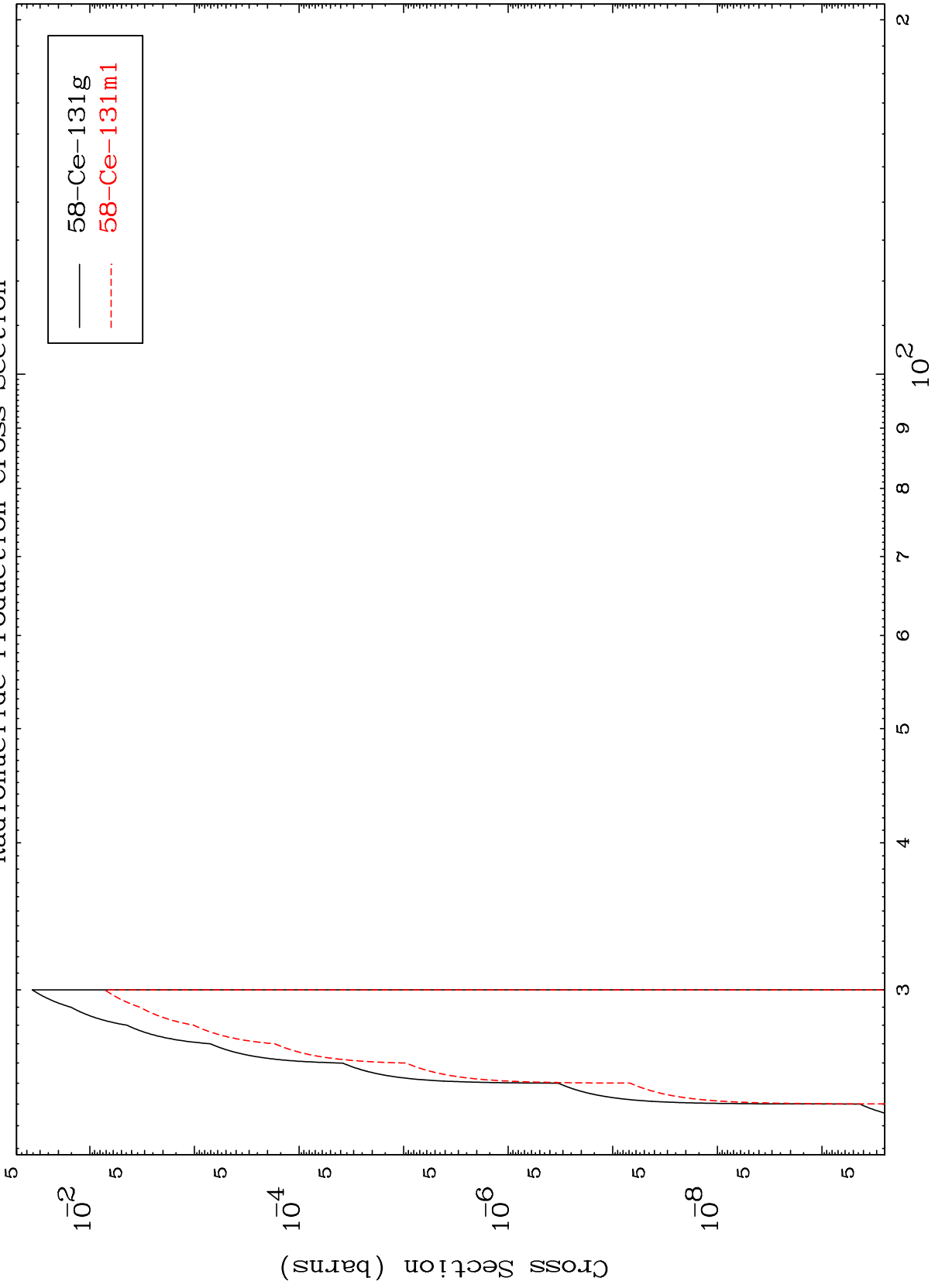
59-Pr-134

MAT 5904

(n,3n) p

59-Pr-134

Radionuclide Production Cross Section



134

Incident Energy (MeV)

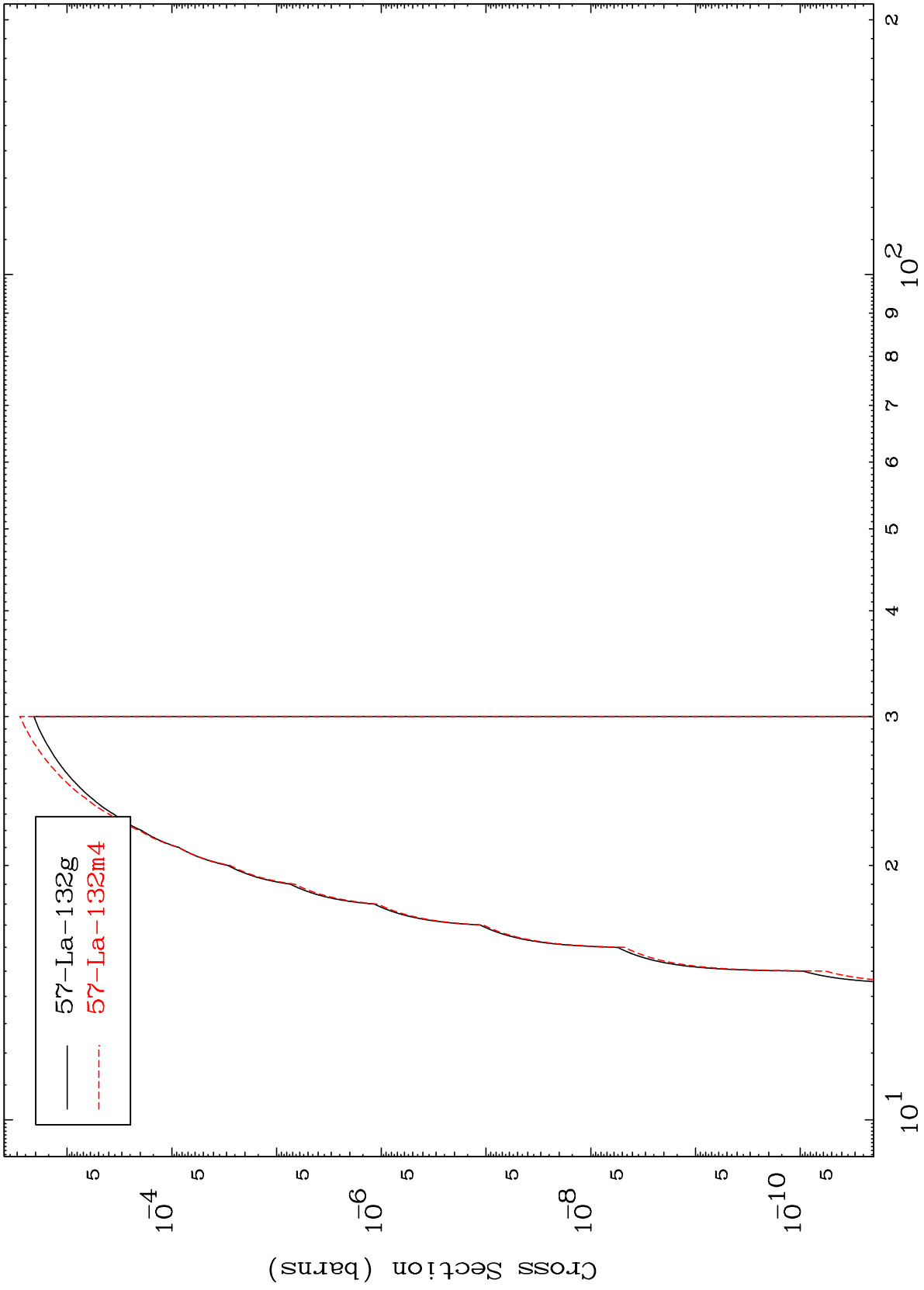
59-Pr-134

MAT 5904

(n,2n) p

59-Pr-134

Radionuclide Production Cross Section



135

Incident Energy (MeV)

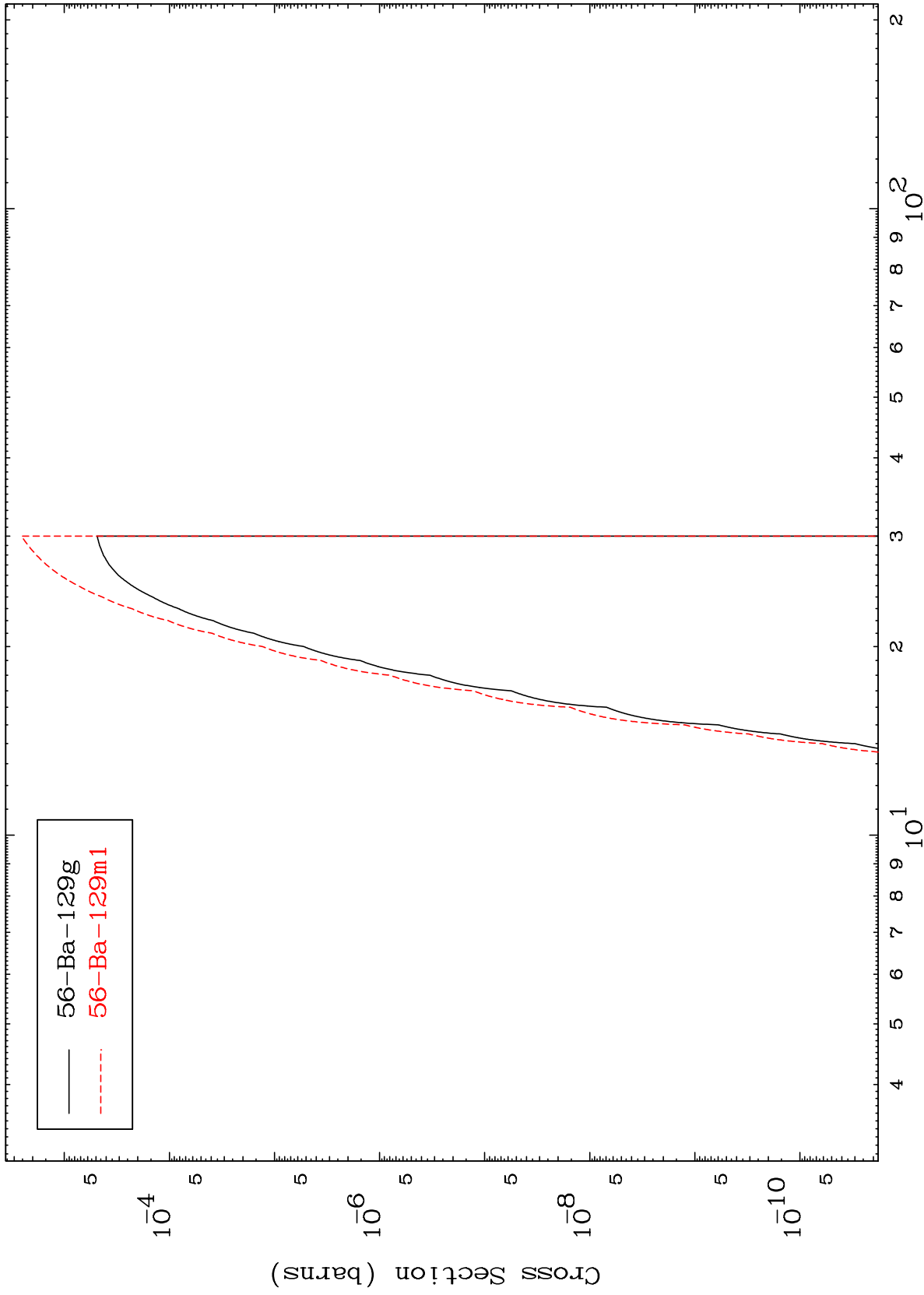
59-Pr-134

MAT 5904

(n,n') p α

59-Pr-134

Radionuclide Production Cross Section



136

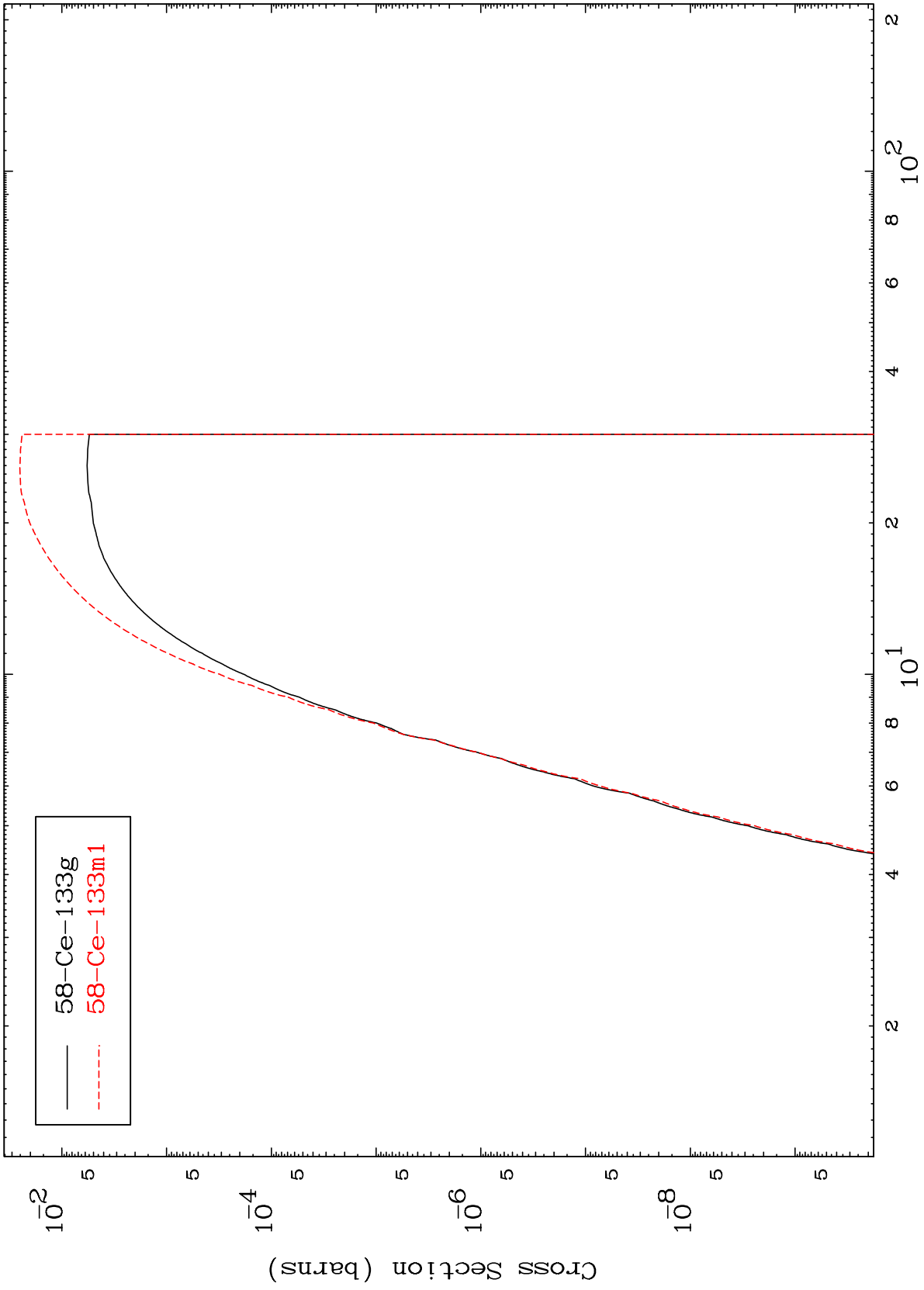
Incident Energy (MeV)

59-Pr-134

MAT 5904

59-Pr-134

(n,d)
Radionuclide Production Cross Section



137

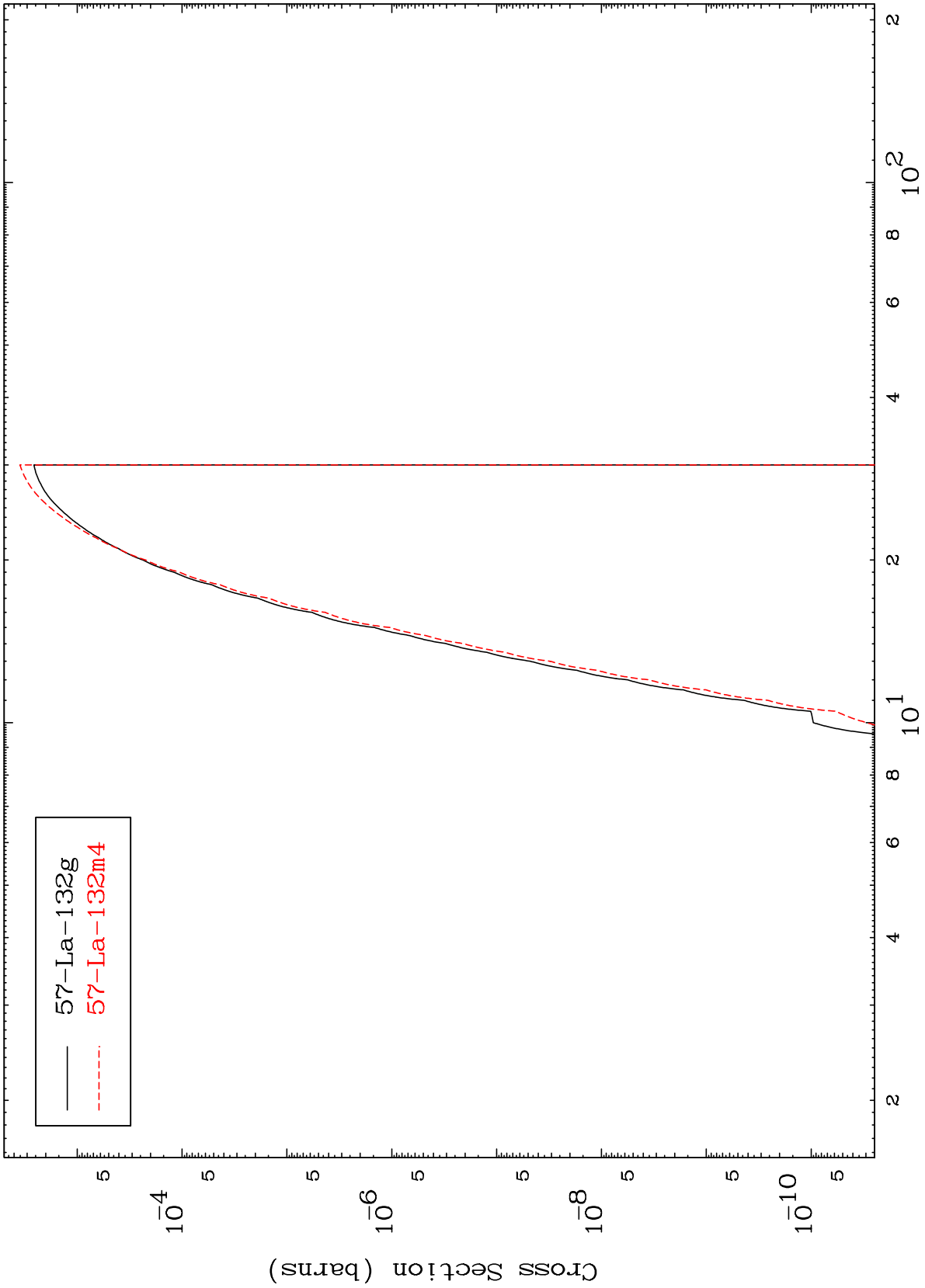
59-Pr-134

MAT 5904

(n,He-3)

59-Pr-134

Radionuclide Production Cross Section



57-La-132g
57-La-132m4

138

Incident Energy (MeV)

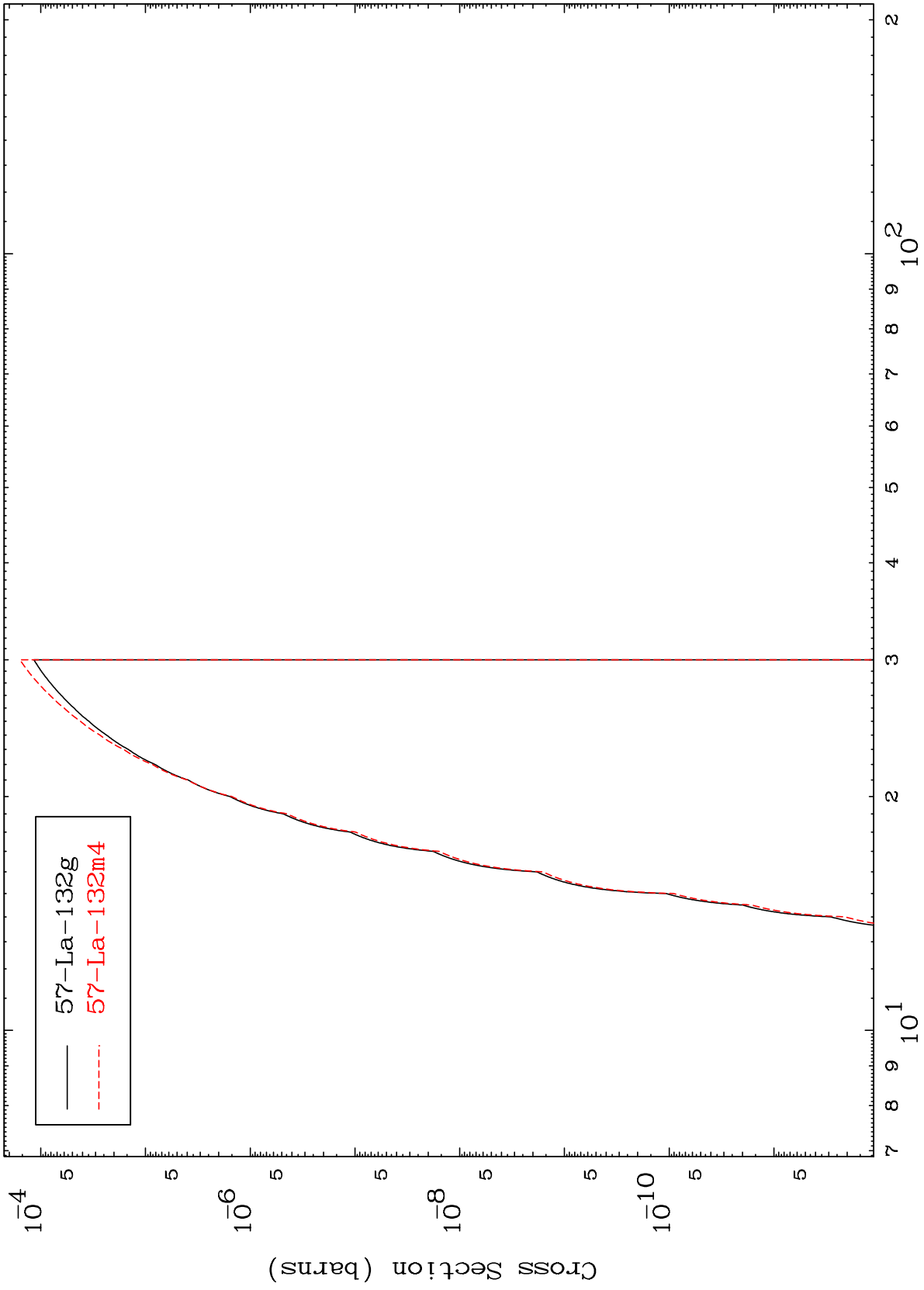
59-Pr-134

MAT 5904

(n,p) d

59-Pr-134

Radionuclide Production Cross Section



139

Incident Energy (MeV)

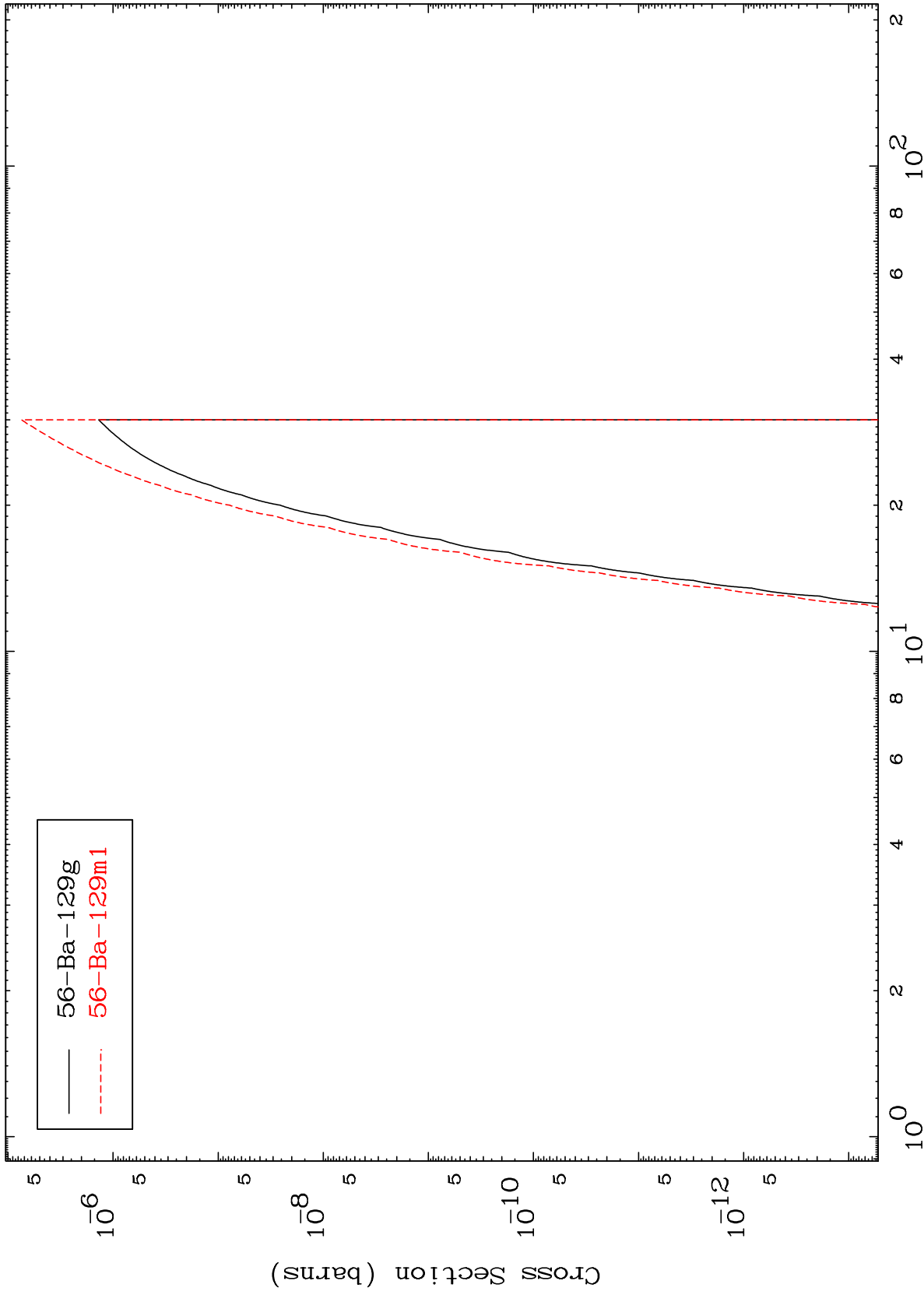
59-Pr-134

MAT 5904

(n,d) α

59-Pr-134

Radionuclide Production Cross Section



56-Ba-129g
56-Ba-129m1

140

Incident Energy (MeV)

59-Pr-134