

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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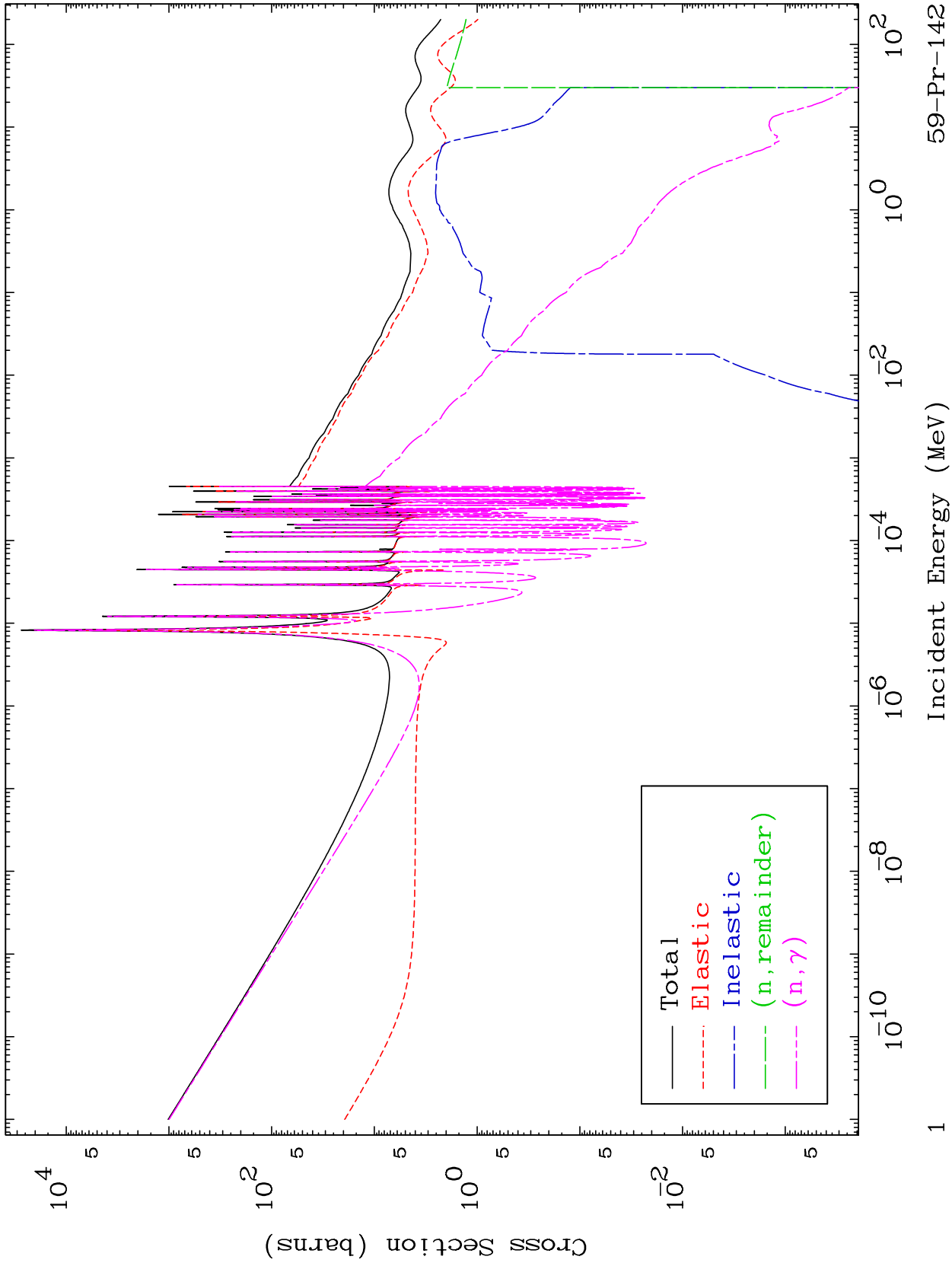
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5928

Major
293 Kelvin Cross Sections

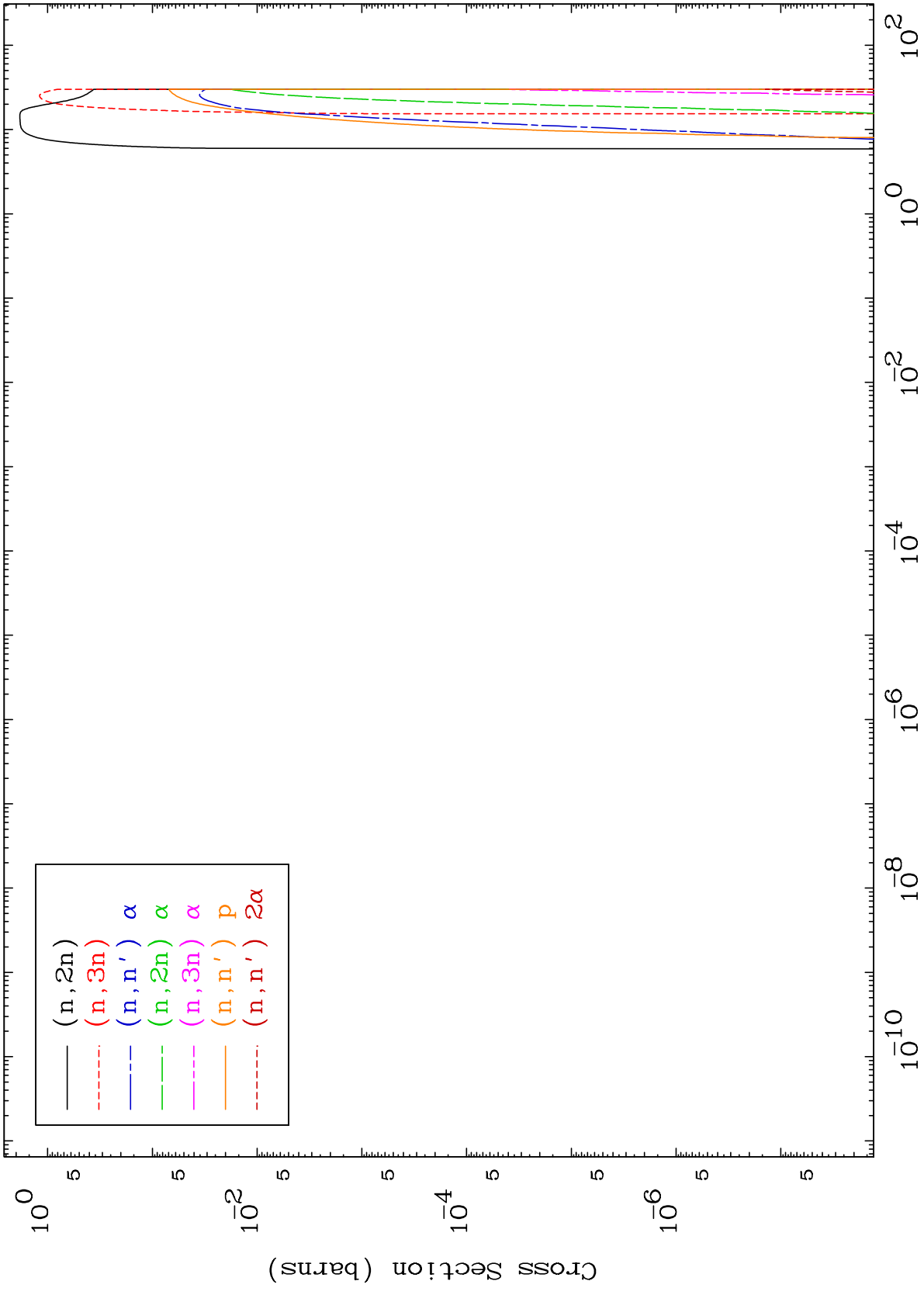
59-Pr-142



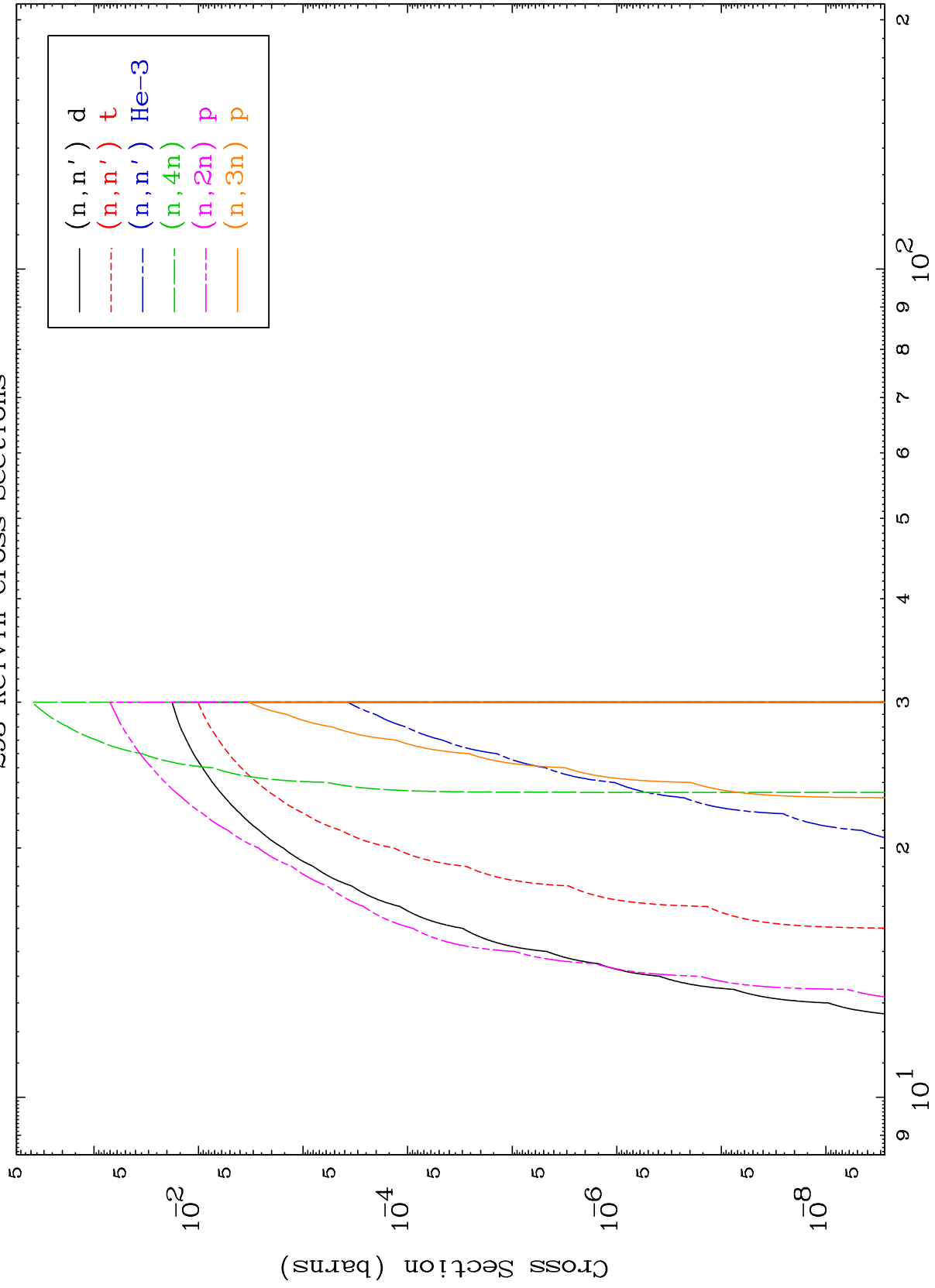
MAT 5928

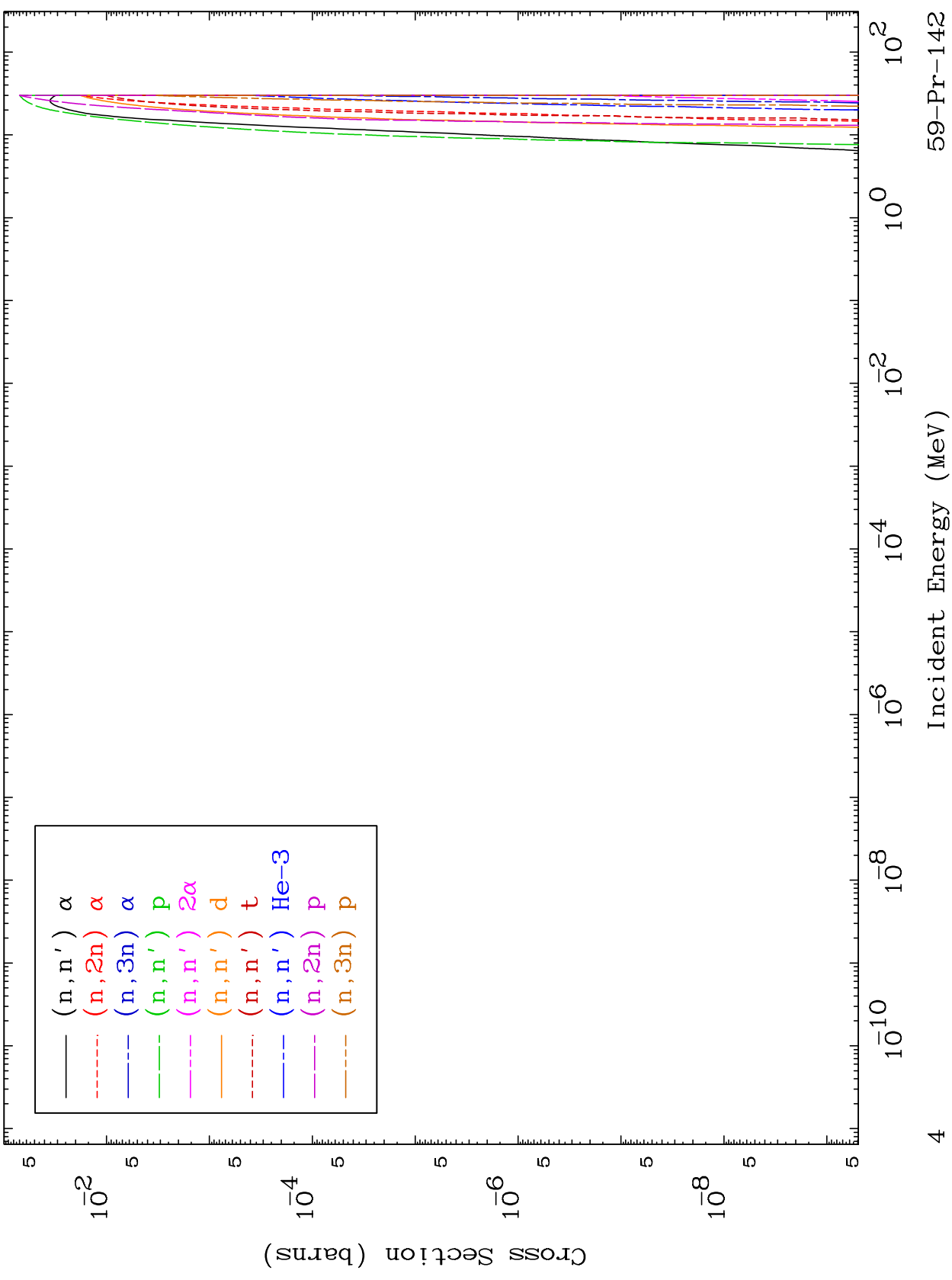
Neutron Production
293 Kelvin Cross Sections

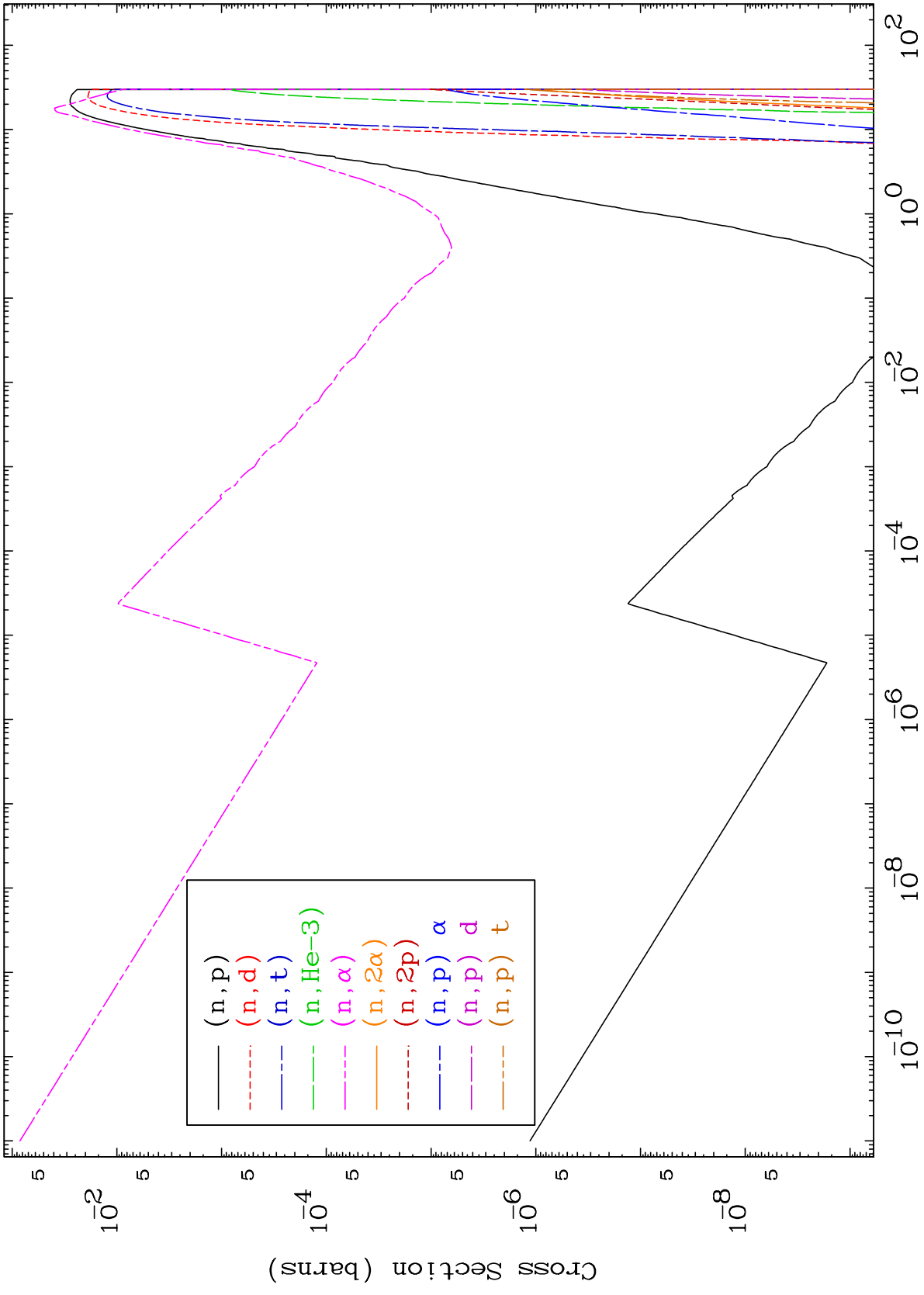
59-Pr-142



59-Pr-142



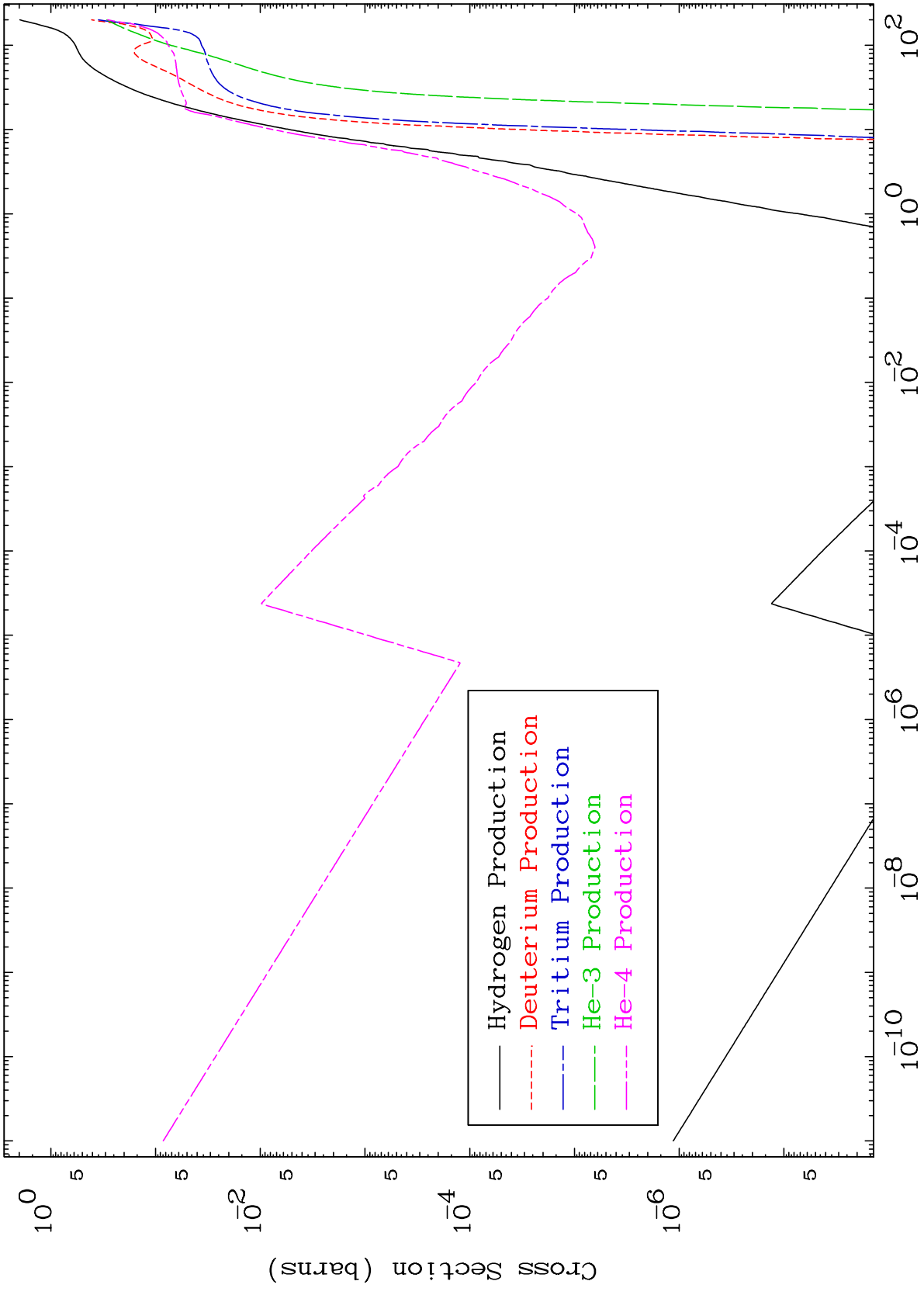




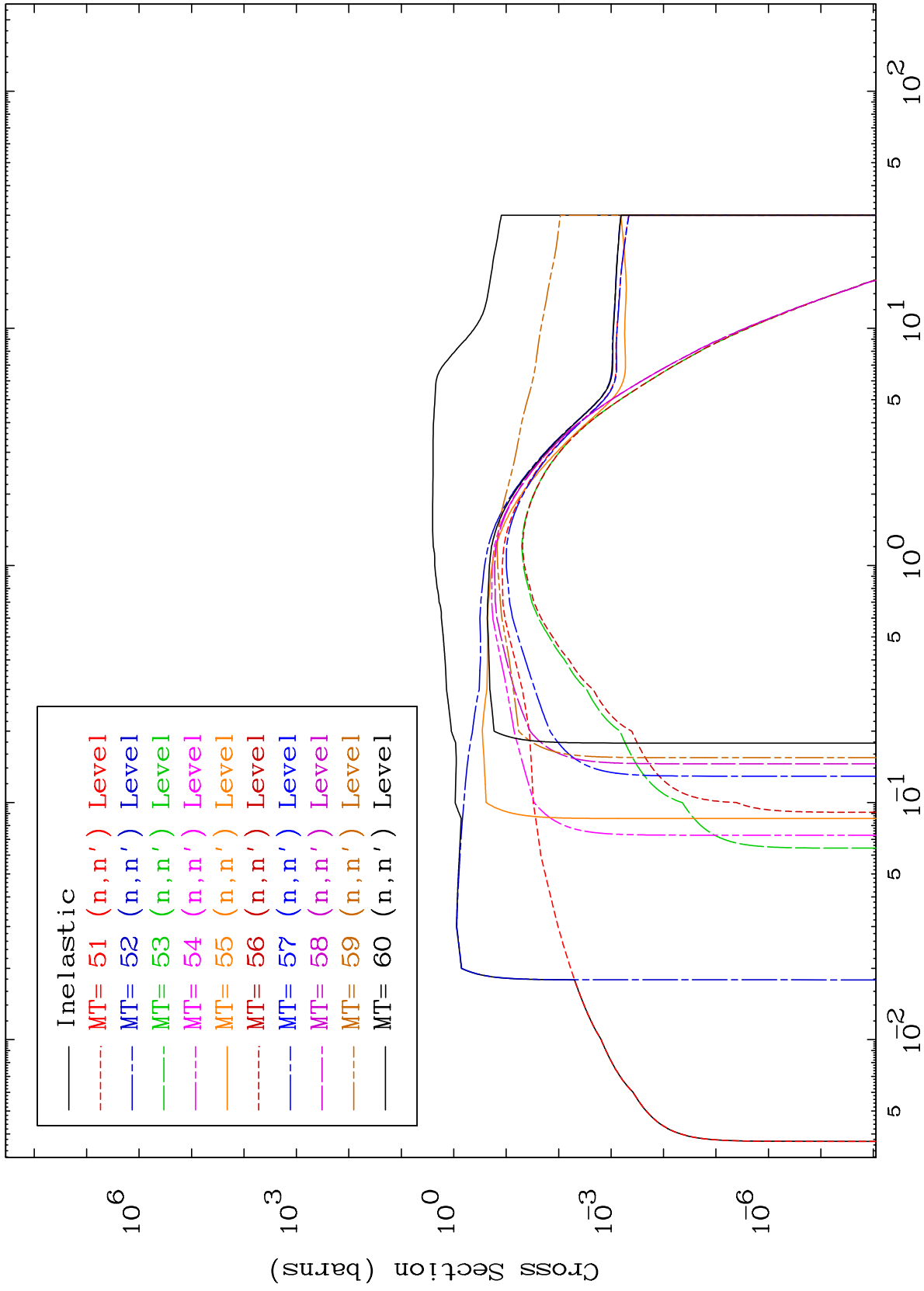
MAT 5928

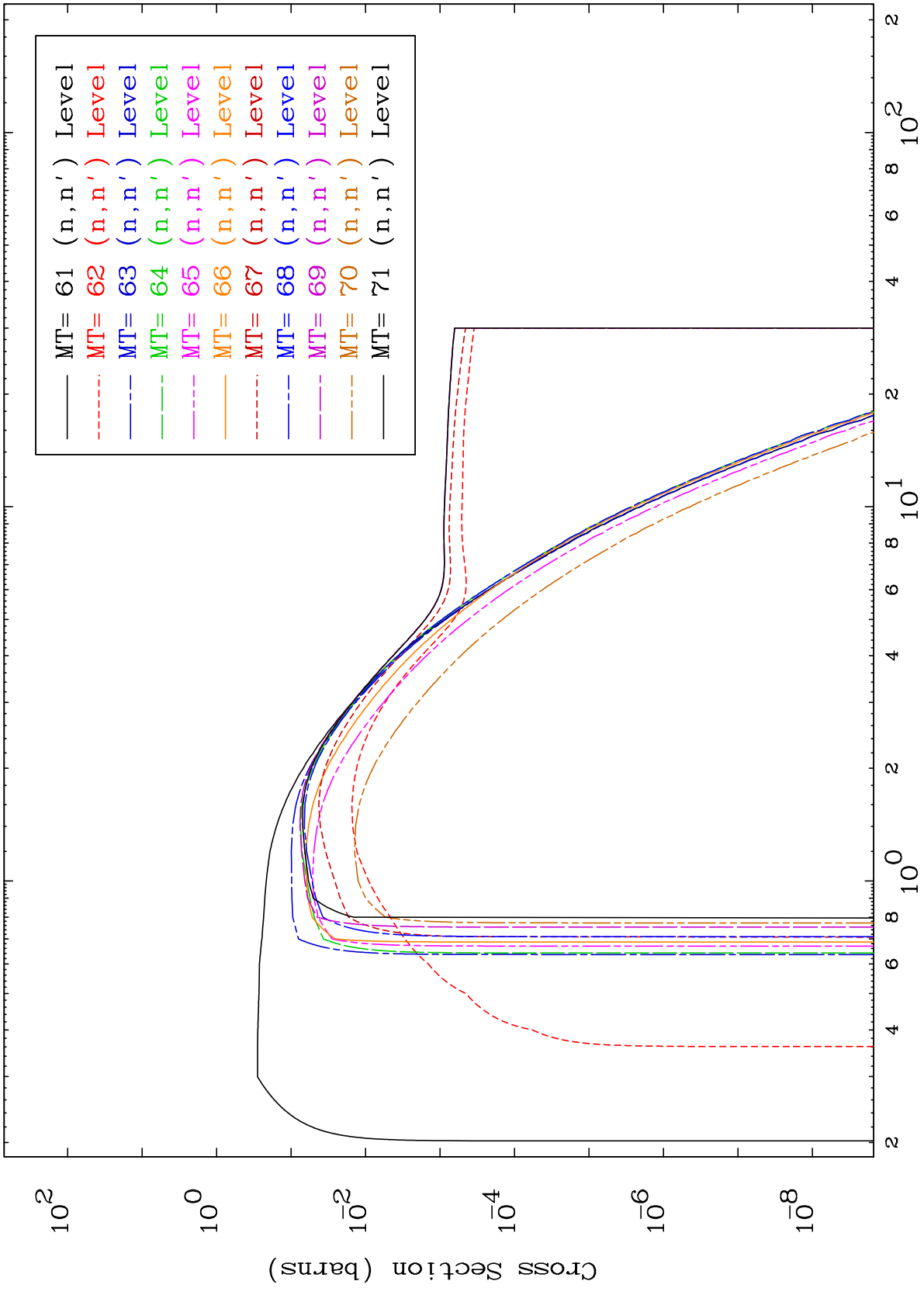
Particle Production
293 Kelvin Cross Sections

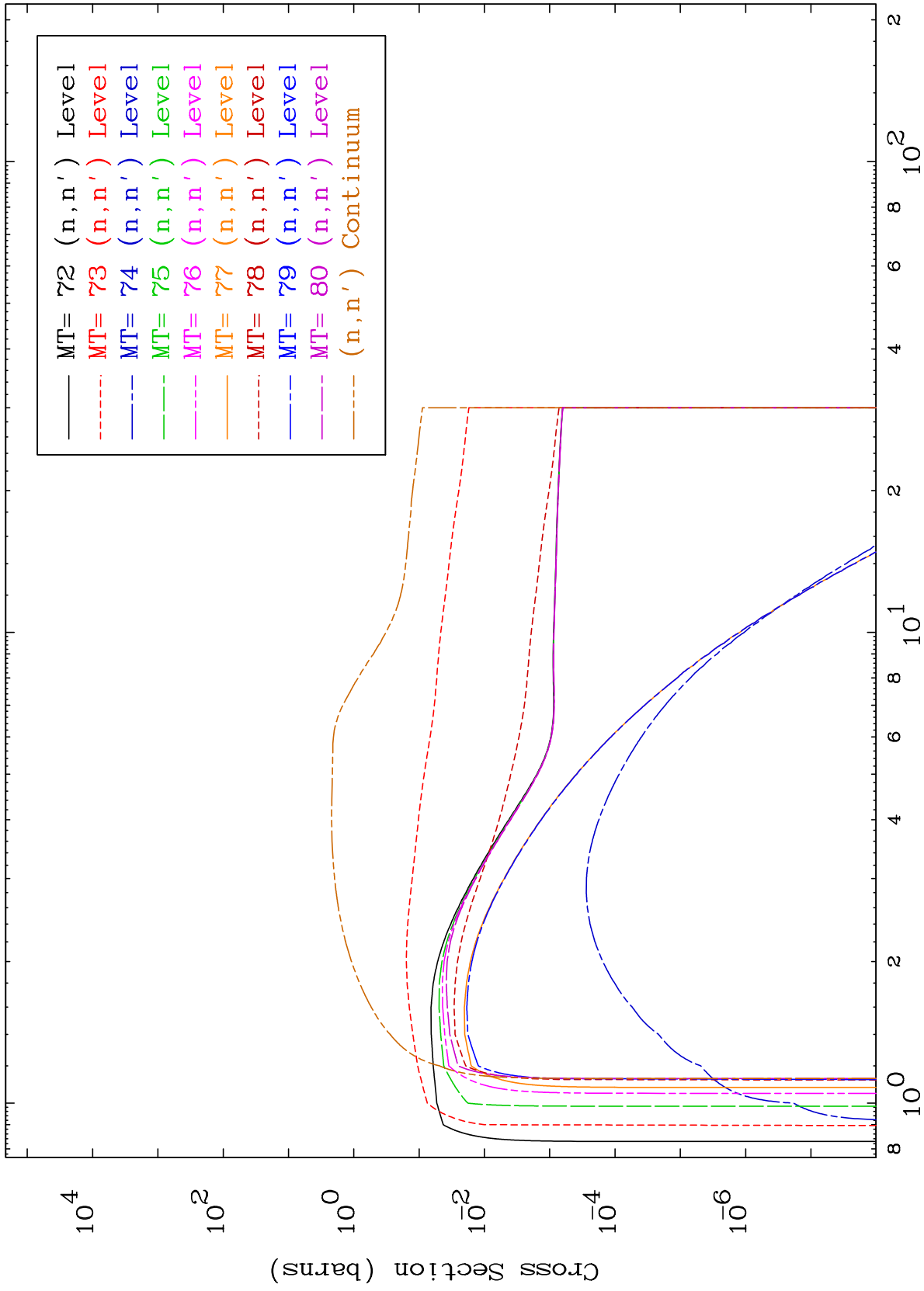
59-Pr-142



59-Pr-142



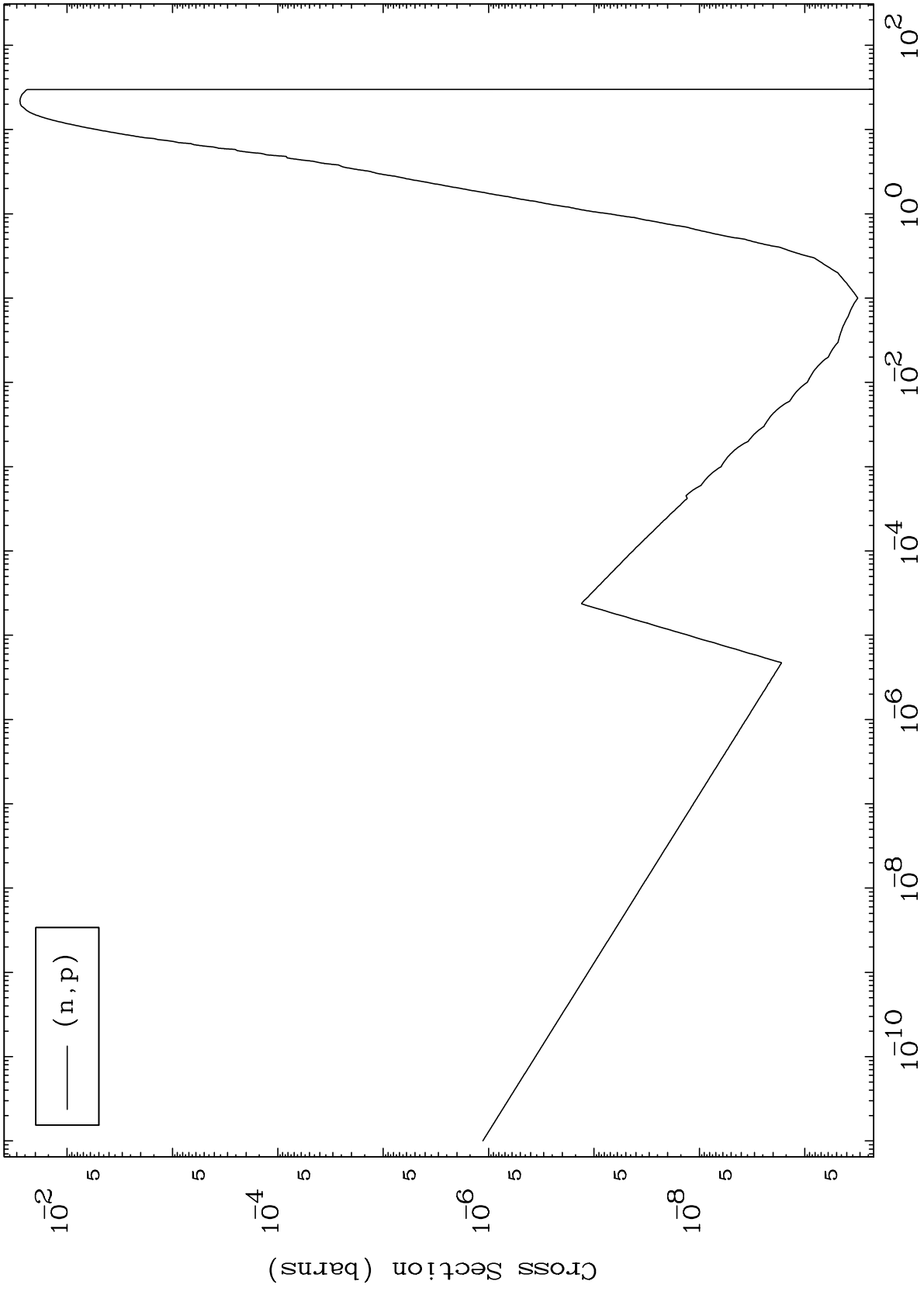




MAT 5928

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-142



10

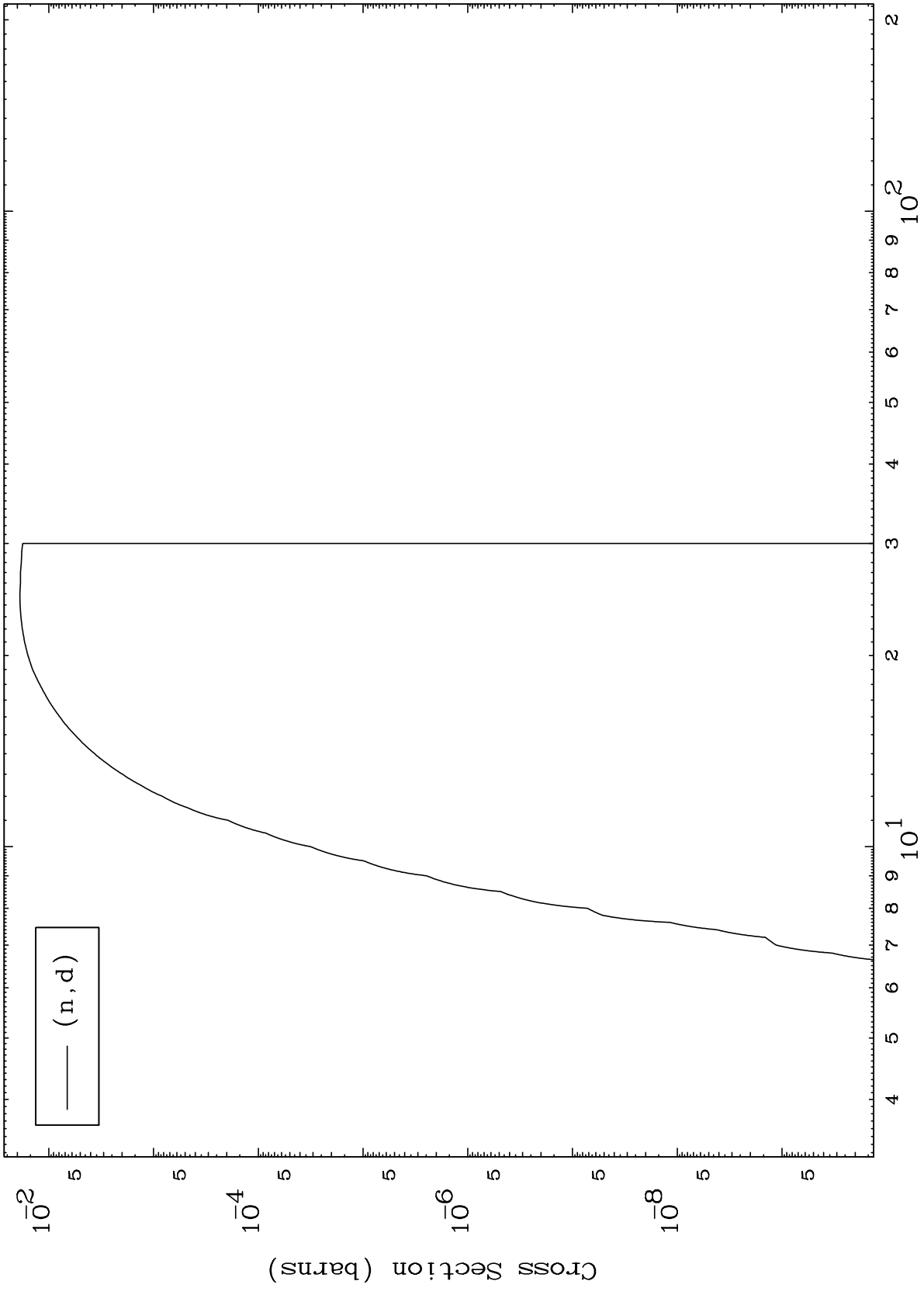
Incident Energy (MeV)

59-Pr-142

MAT 5928

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-142



11

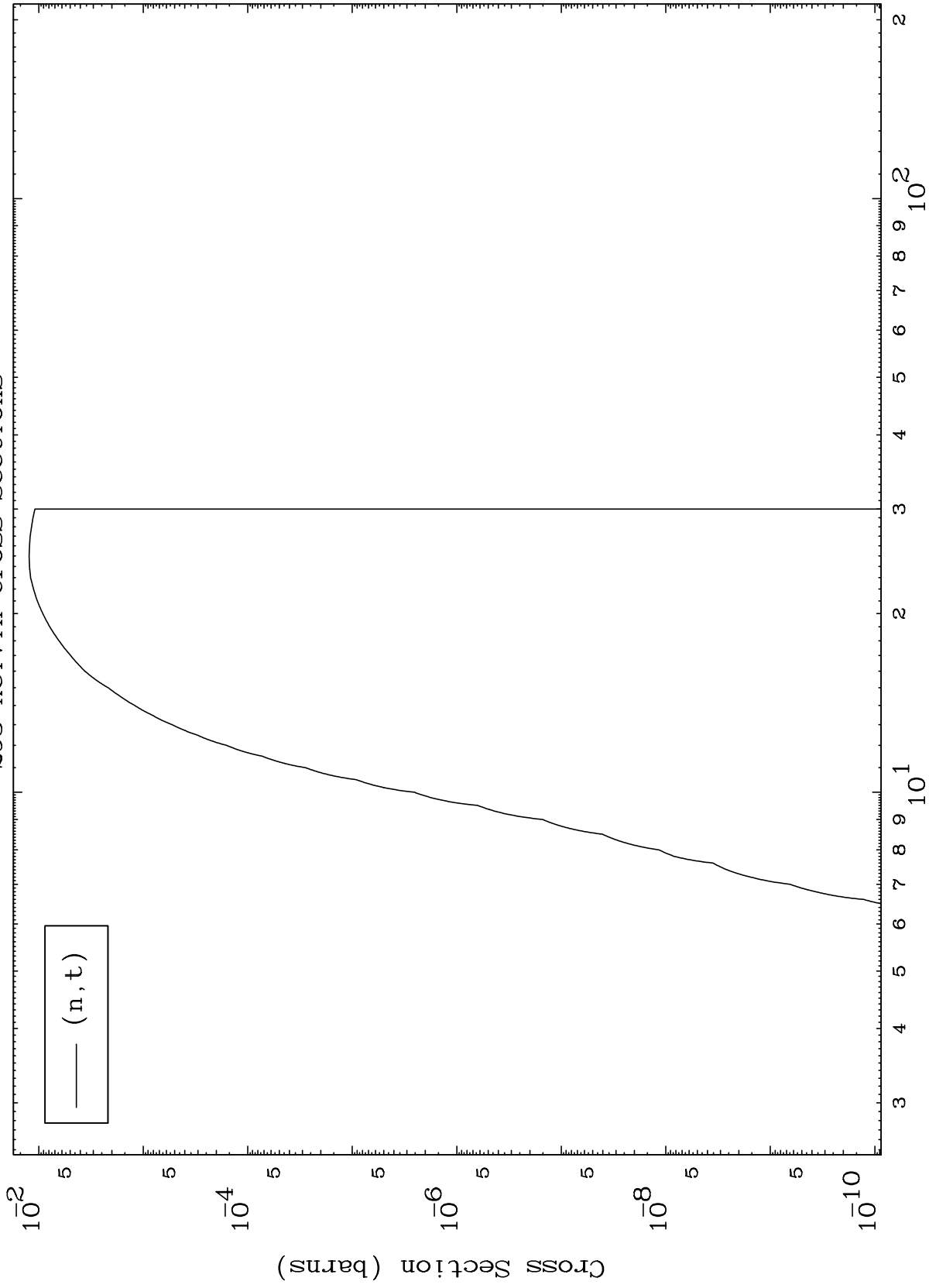
Incident Energy (MeV)

59-Pr-142

MAT 5928

(n,t) Levels
293 Kelvin Cross Sections

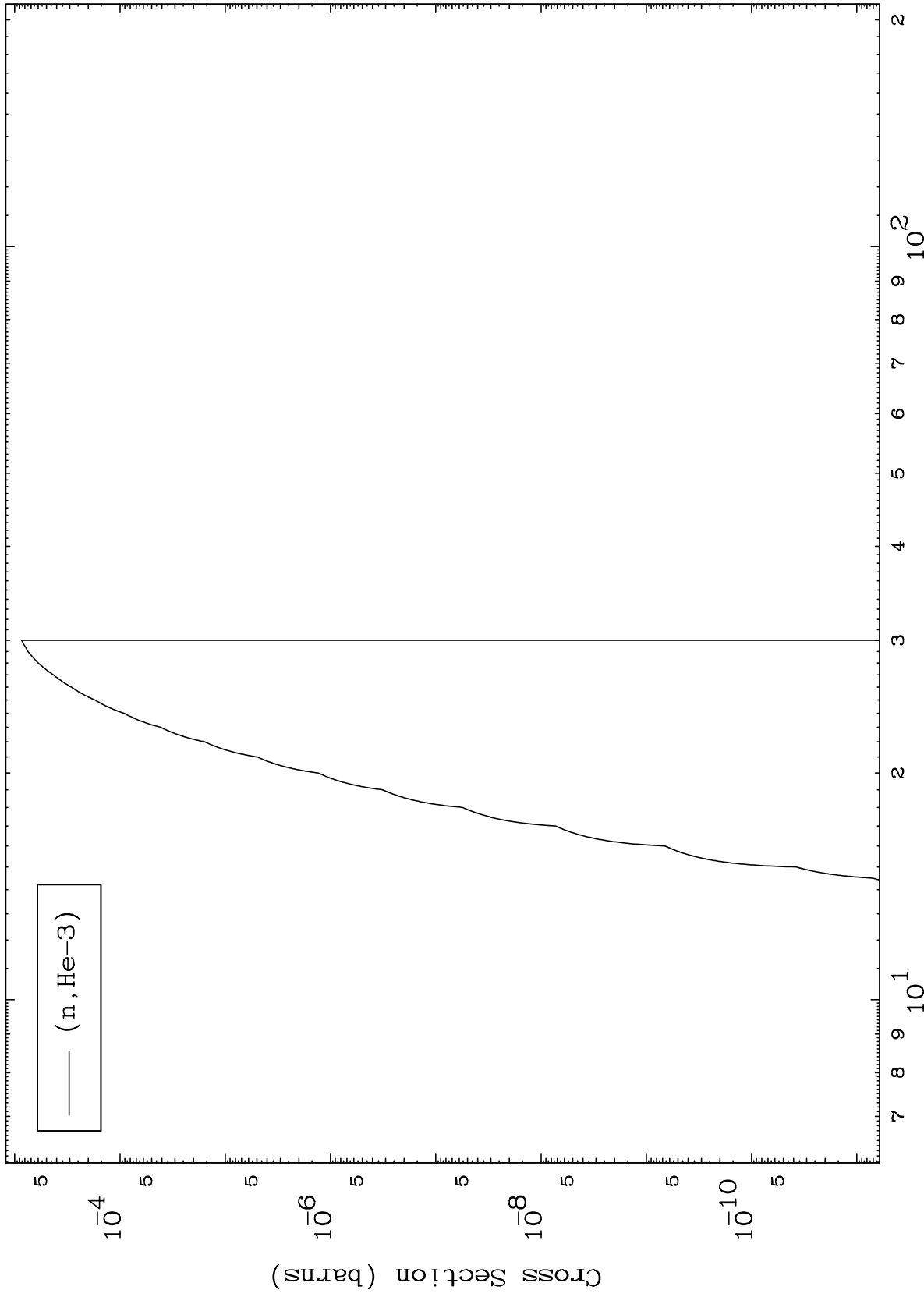
59-Pr-142



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Incident Energy (MeV)

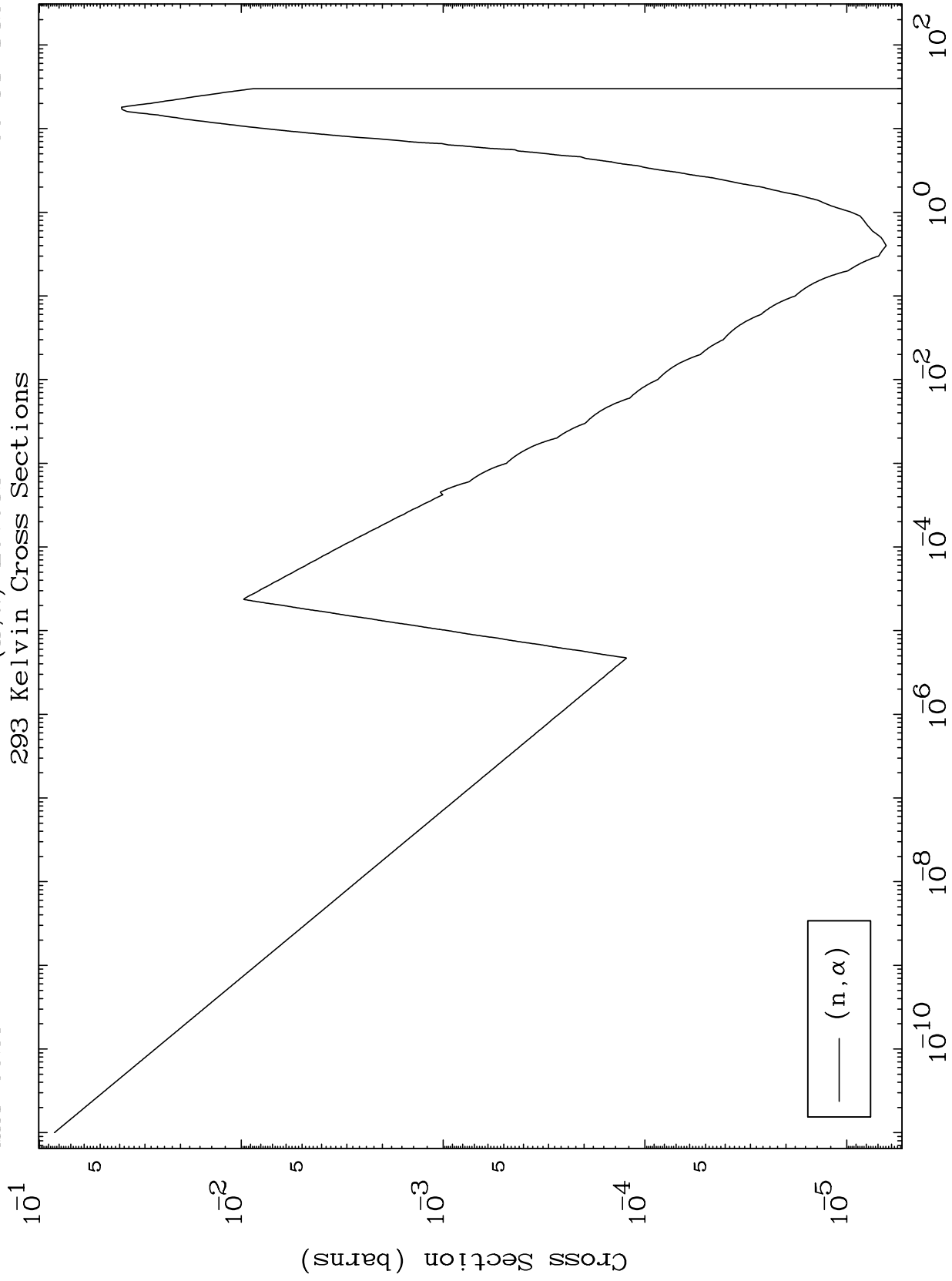
59-Pr-142

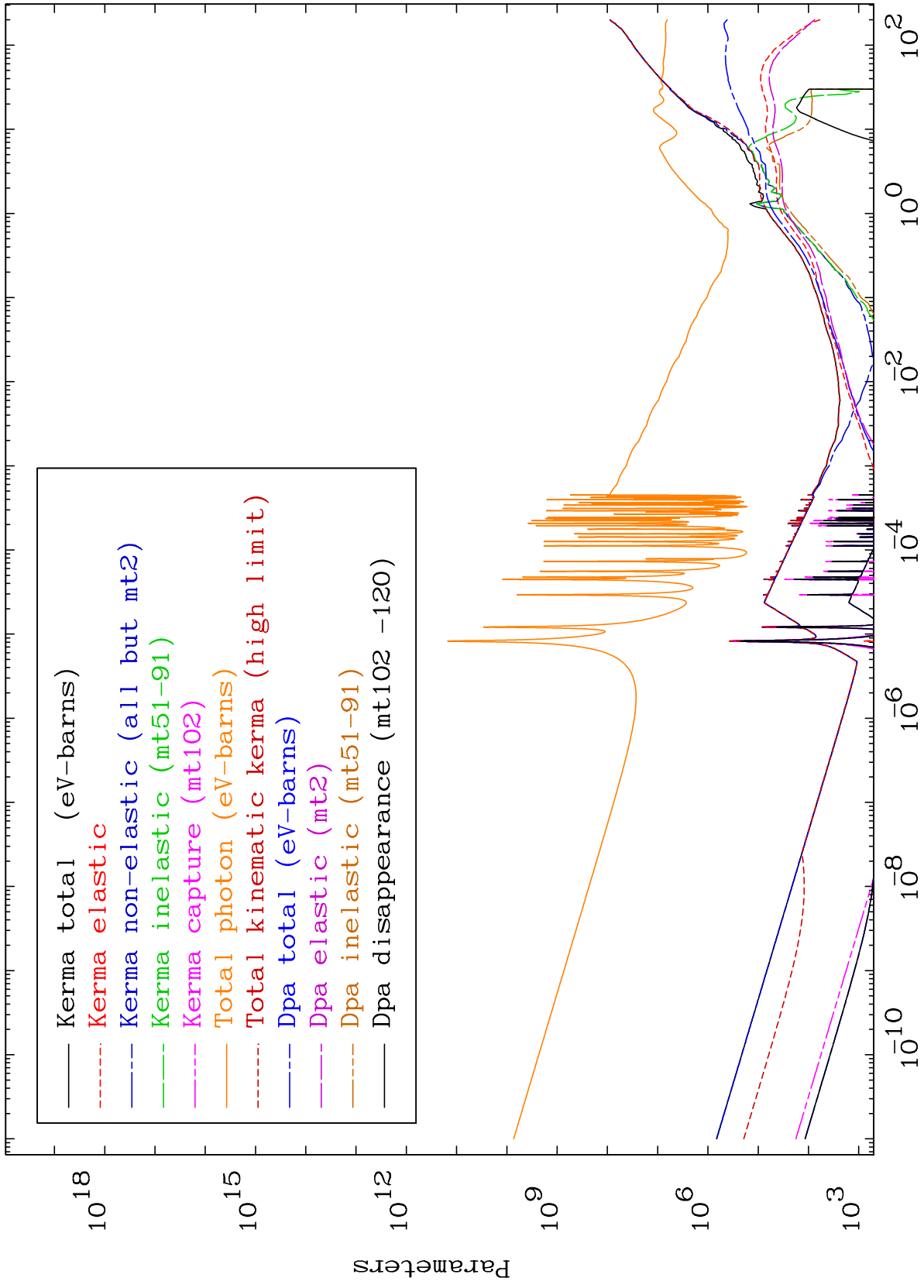


MAT 5928

(n,α) Levels
293 Kelvin Cross Sections

59-Pr-142

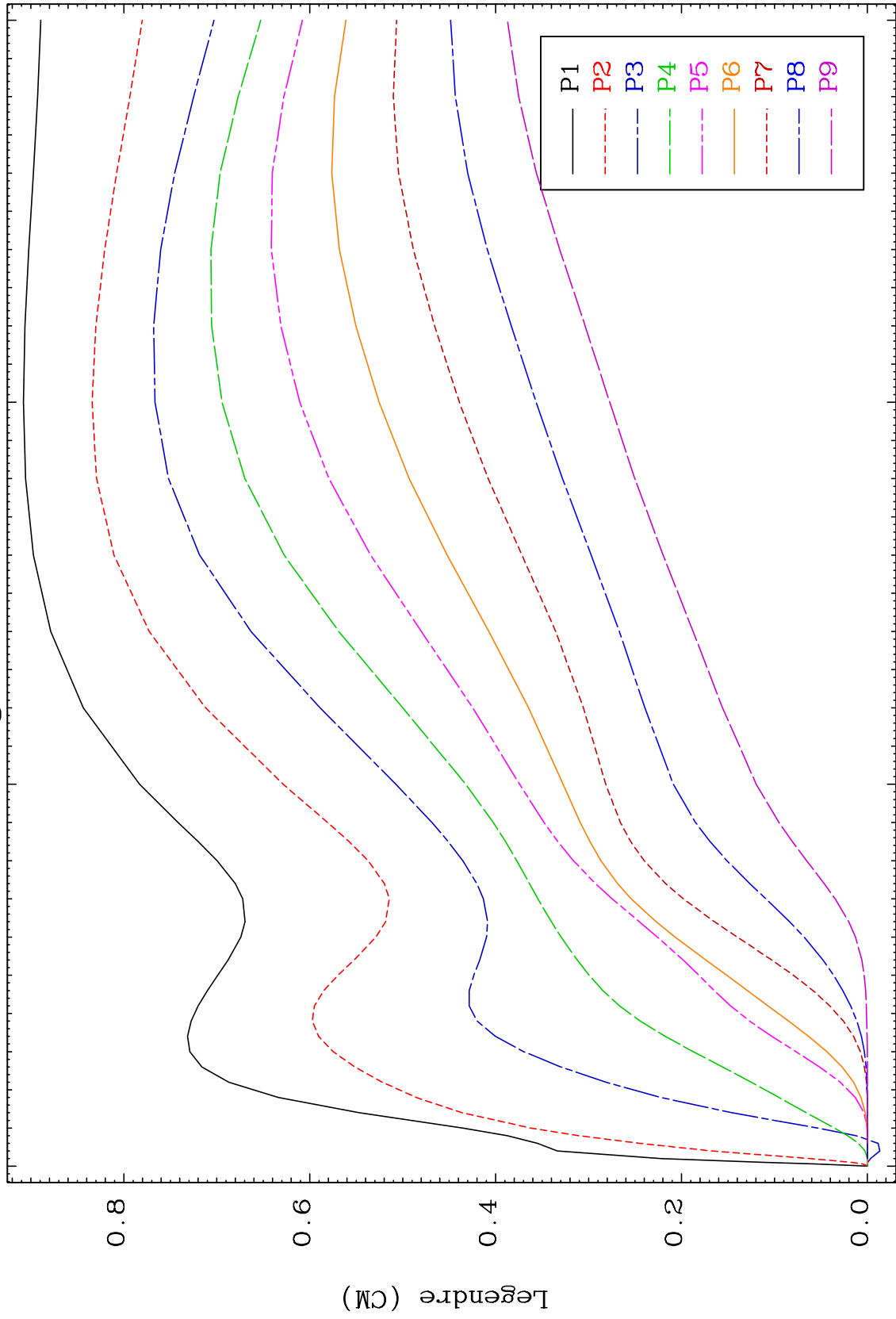




MAT 5928

Elastic Legendre Coefficients

59-Pr-142



16

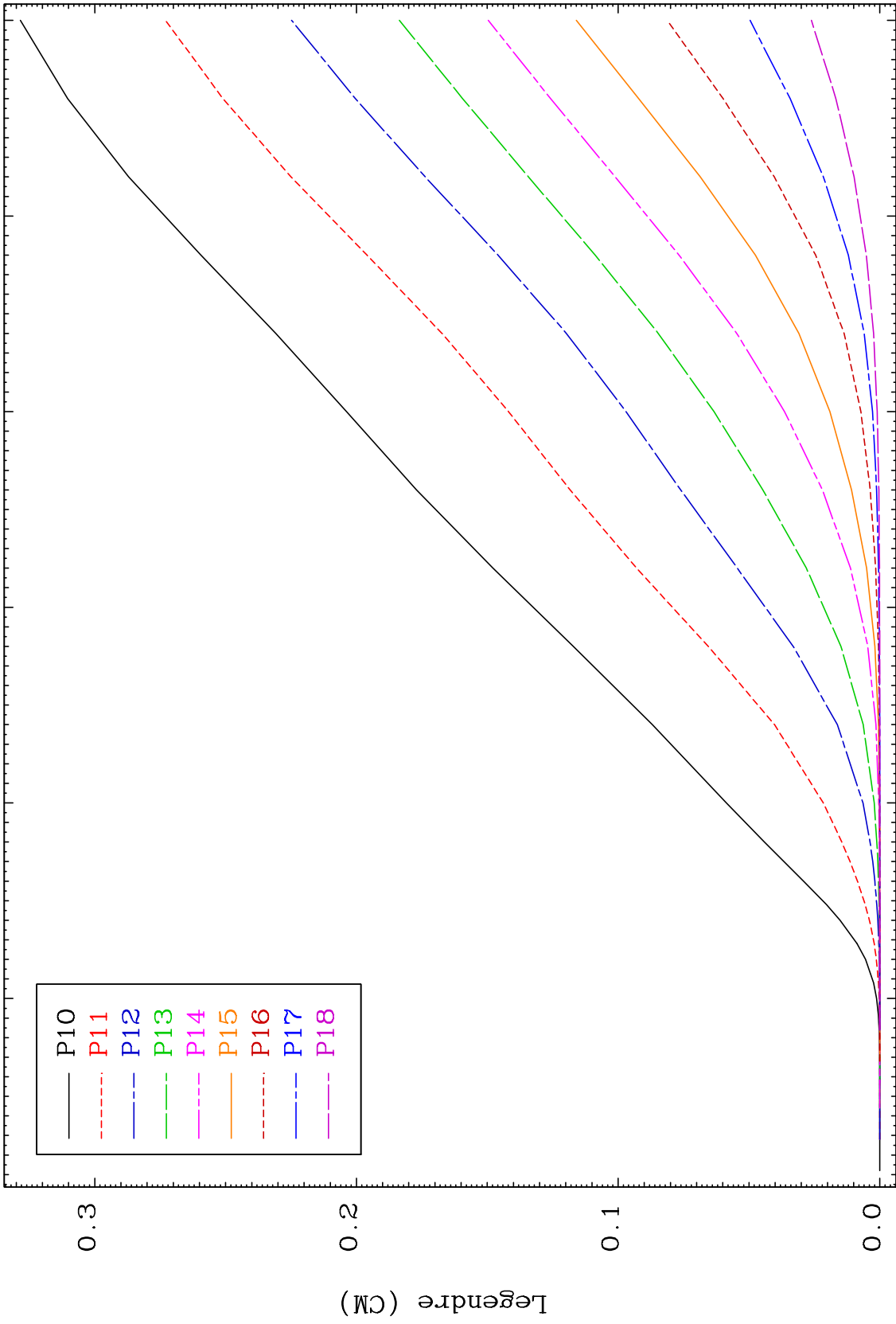
Incident Energy (MeV)

59-Pr-142

MAT 5928

Elastic Legendre Coefficients

59-Pr-142



17

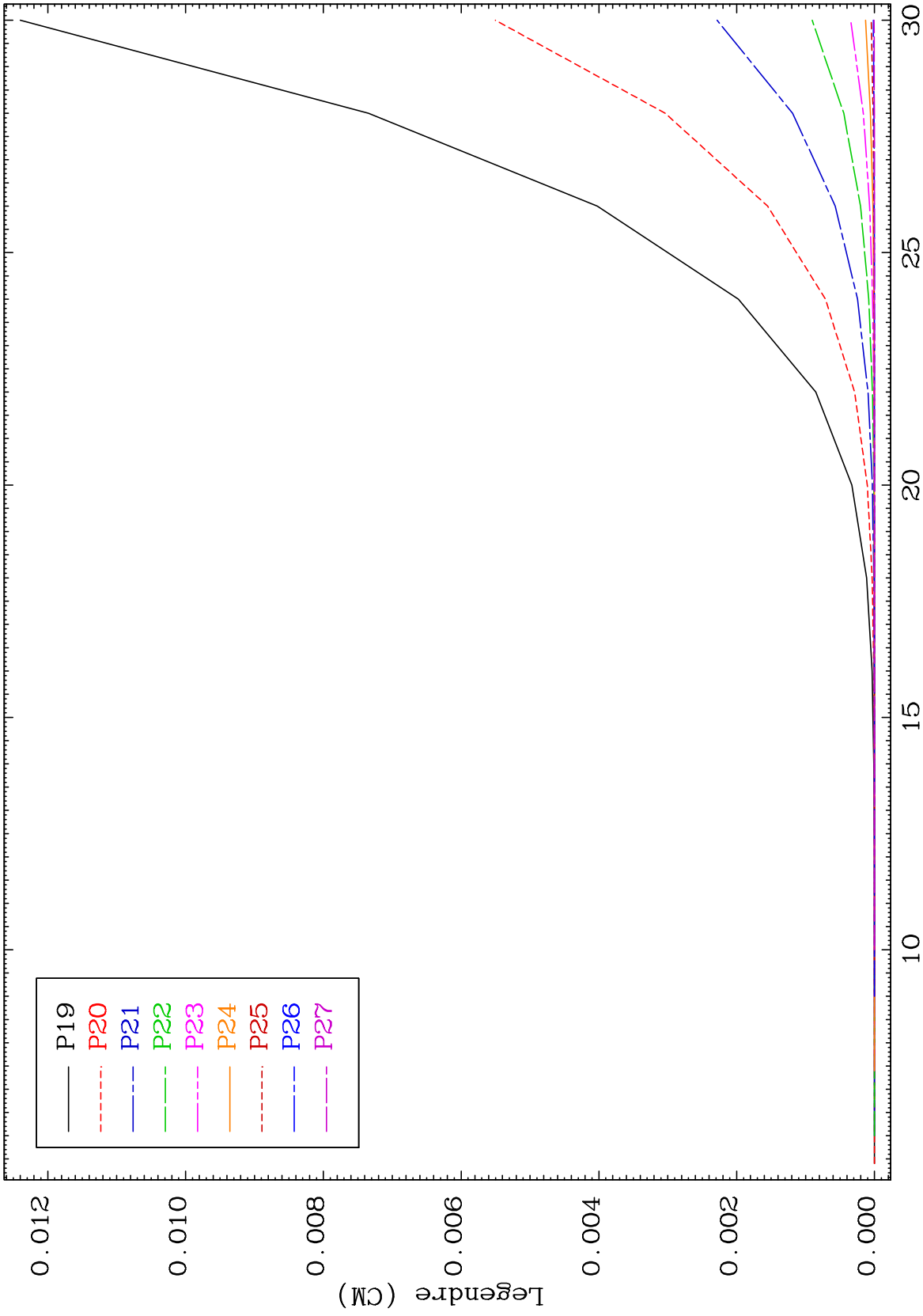
Incident Energy (MeV)

59-Pr-142

MAT 5928

Elastic Legendre Coefficients

59-Pr-142



18

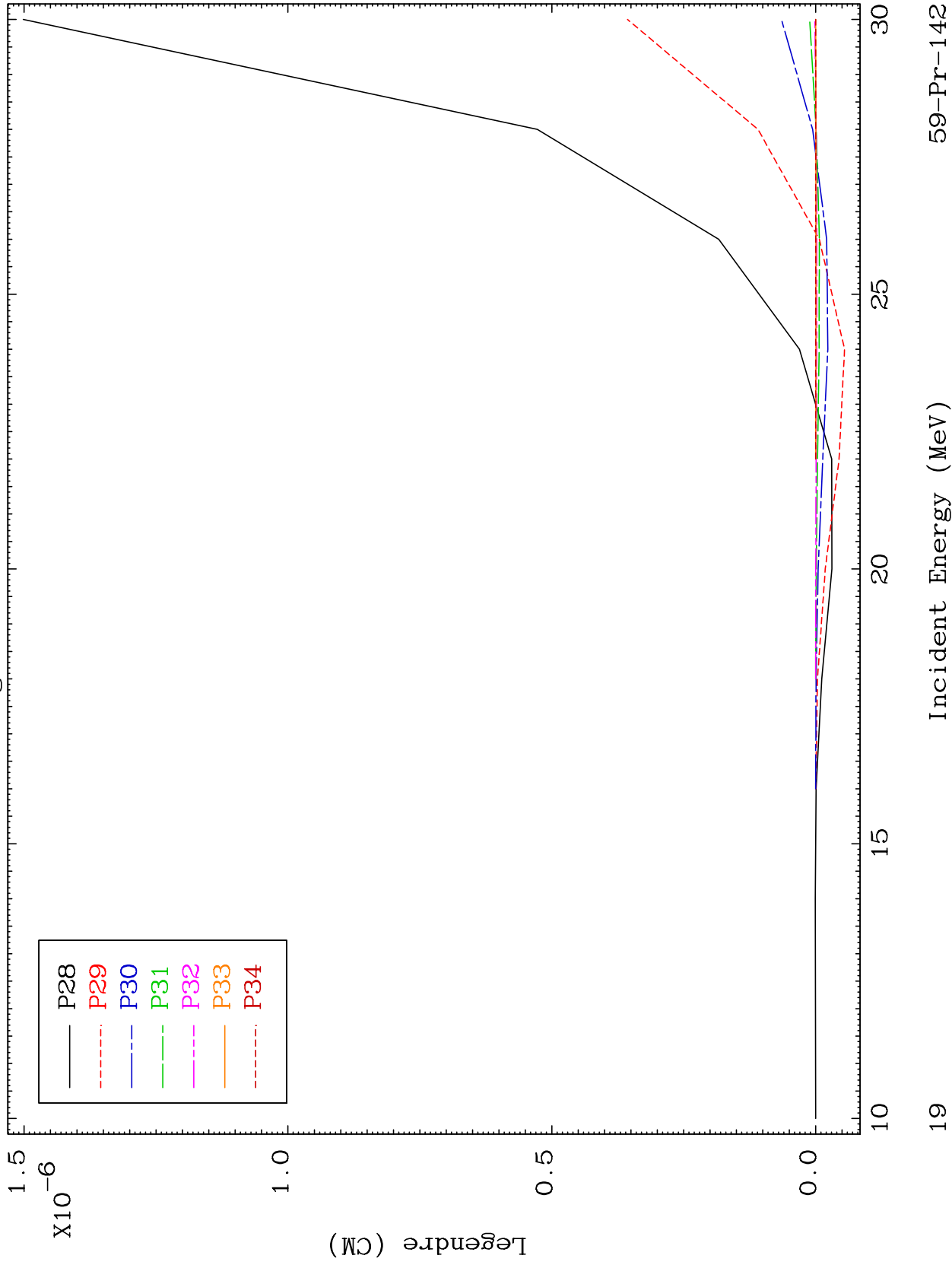
Incident Energy (MeV)

59-Pr-142

MAT 5928

Elastic
Legendre Coefficients

59-Pr-142



19

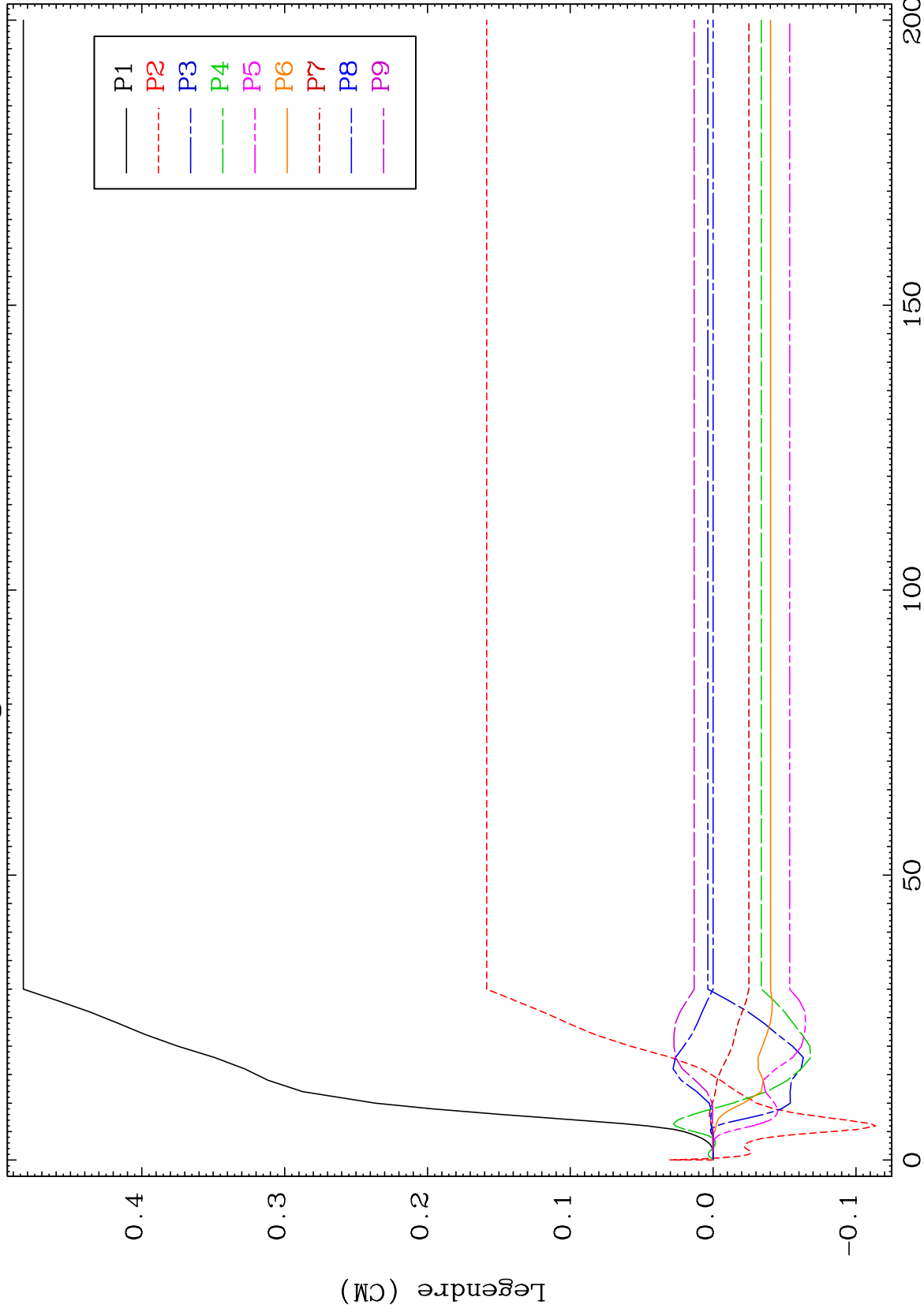
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142

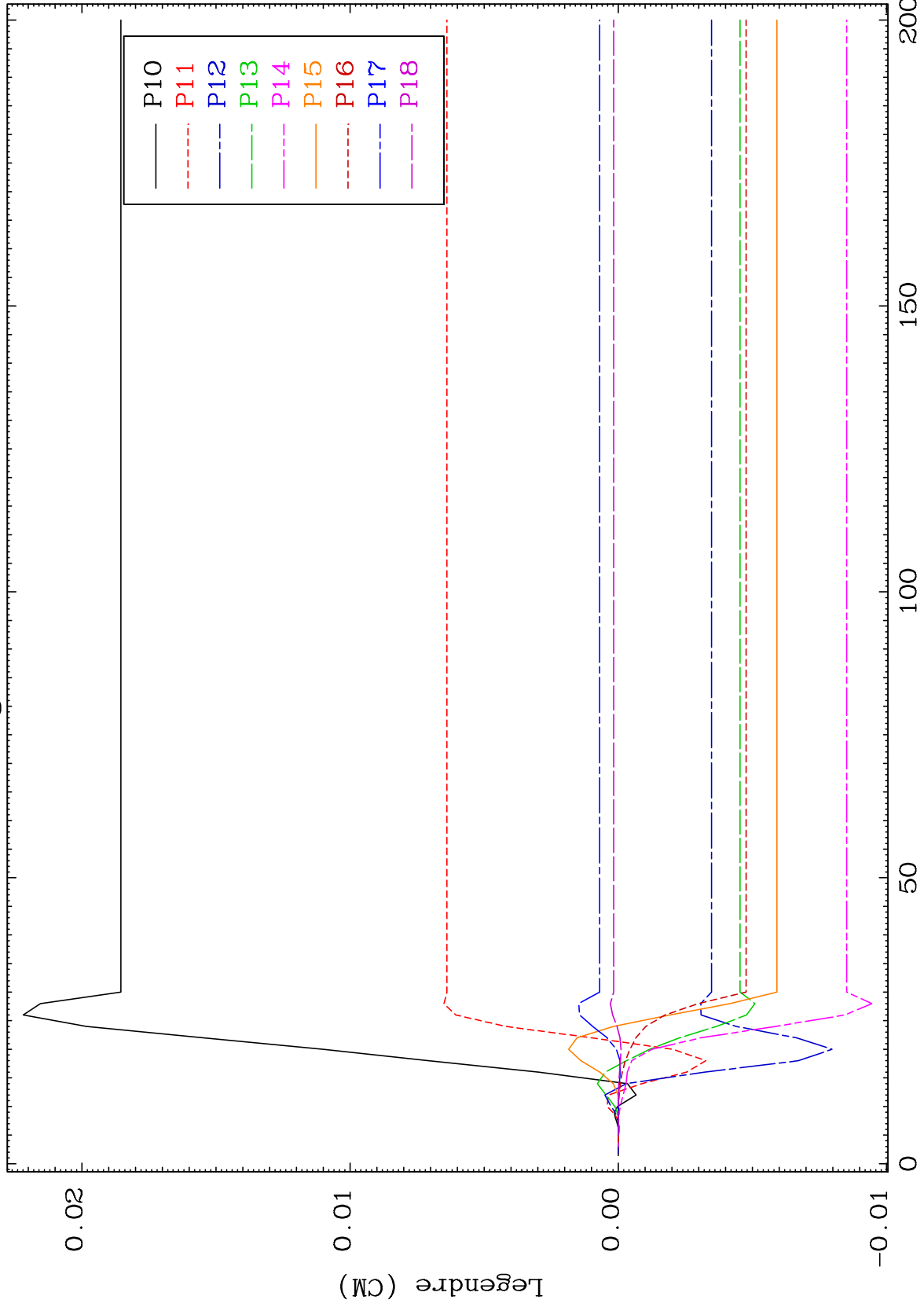


59-Pr-142

MAT 5928

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

59-Pr-142



21

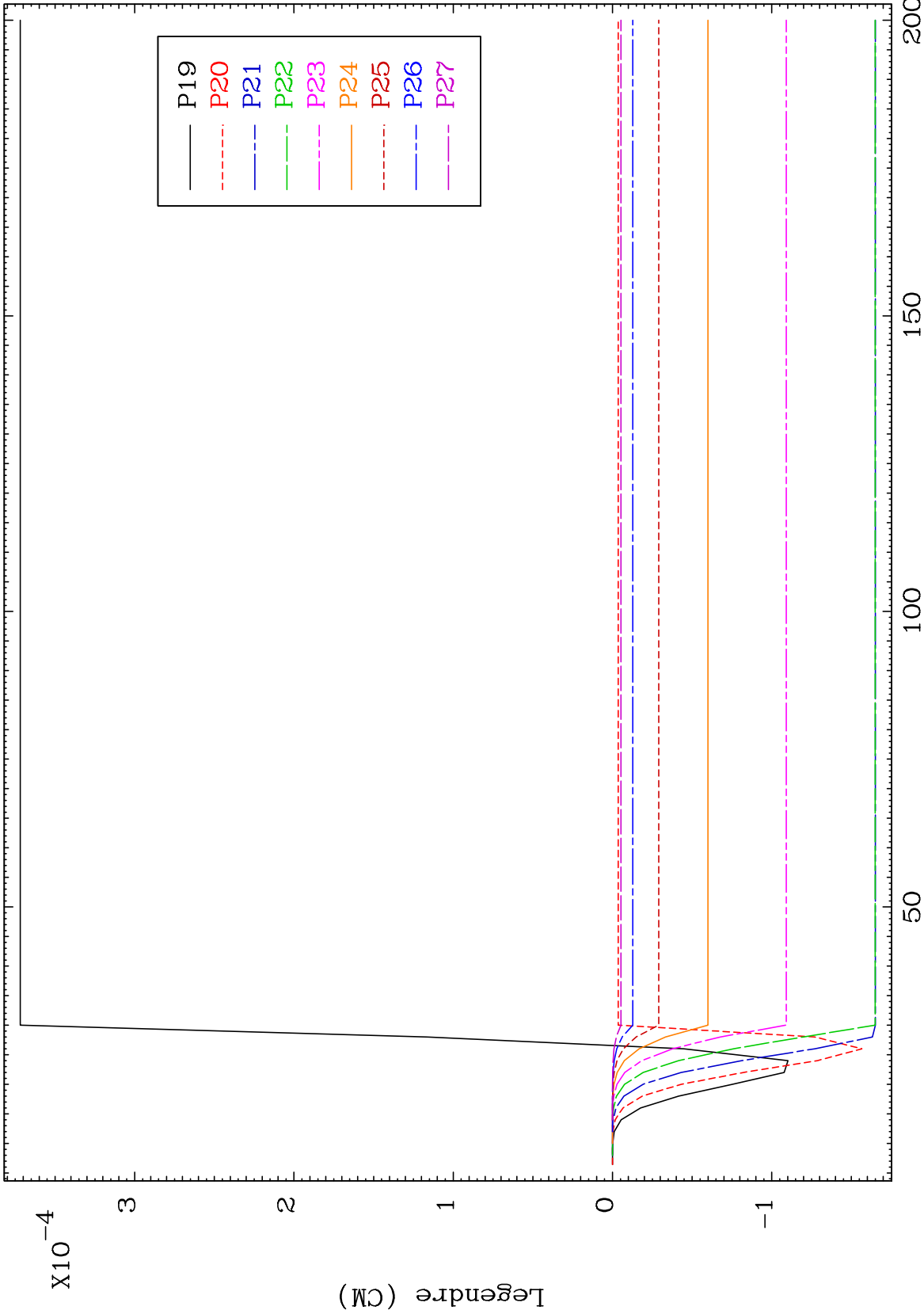
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



22

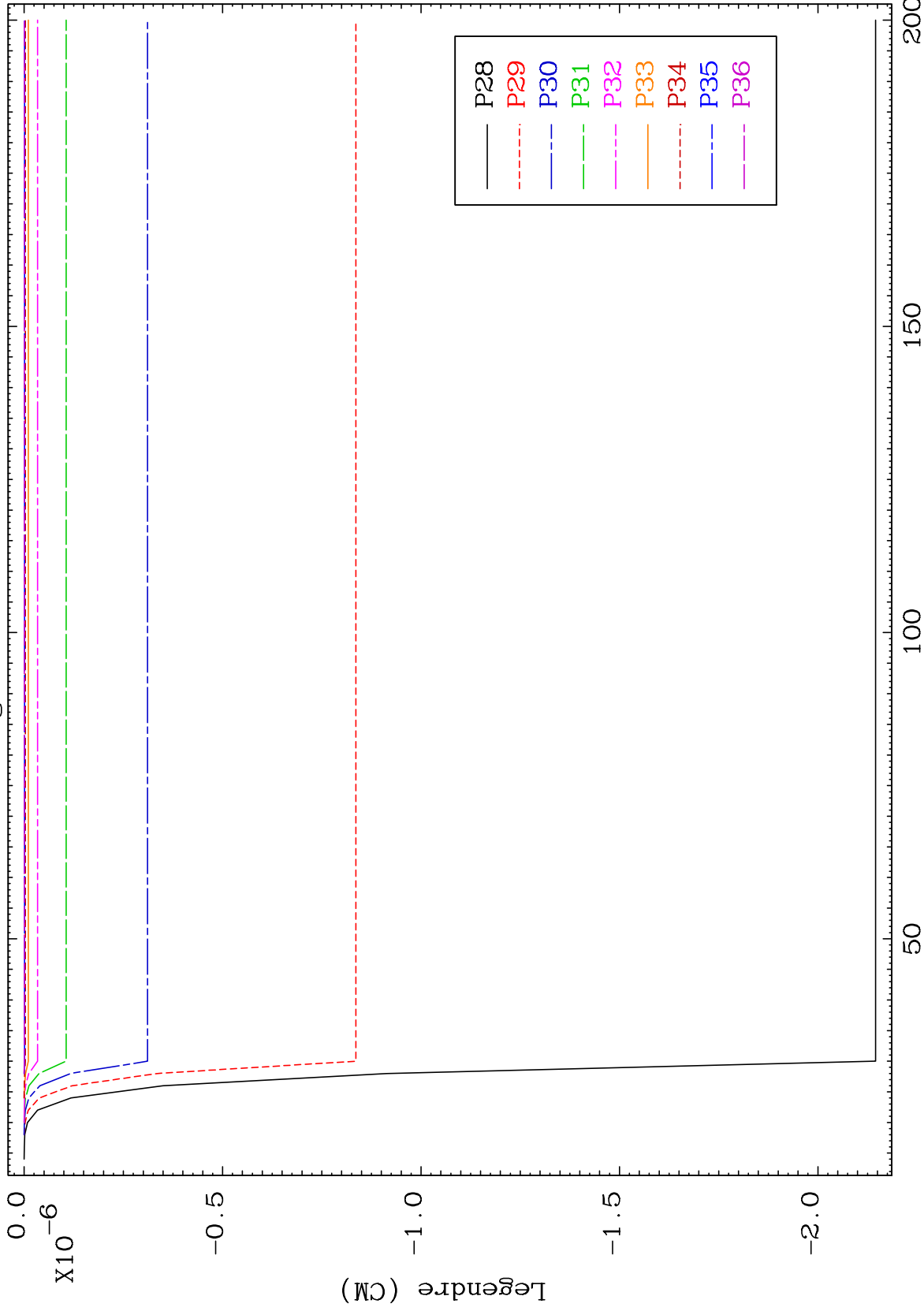
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



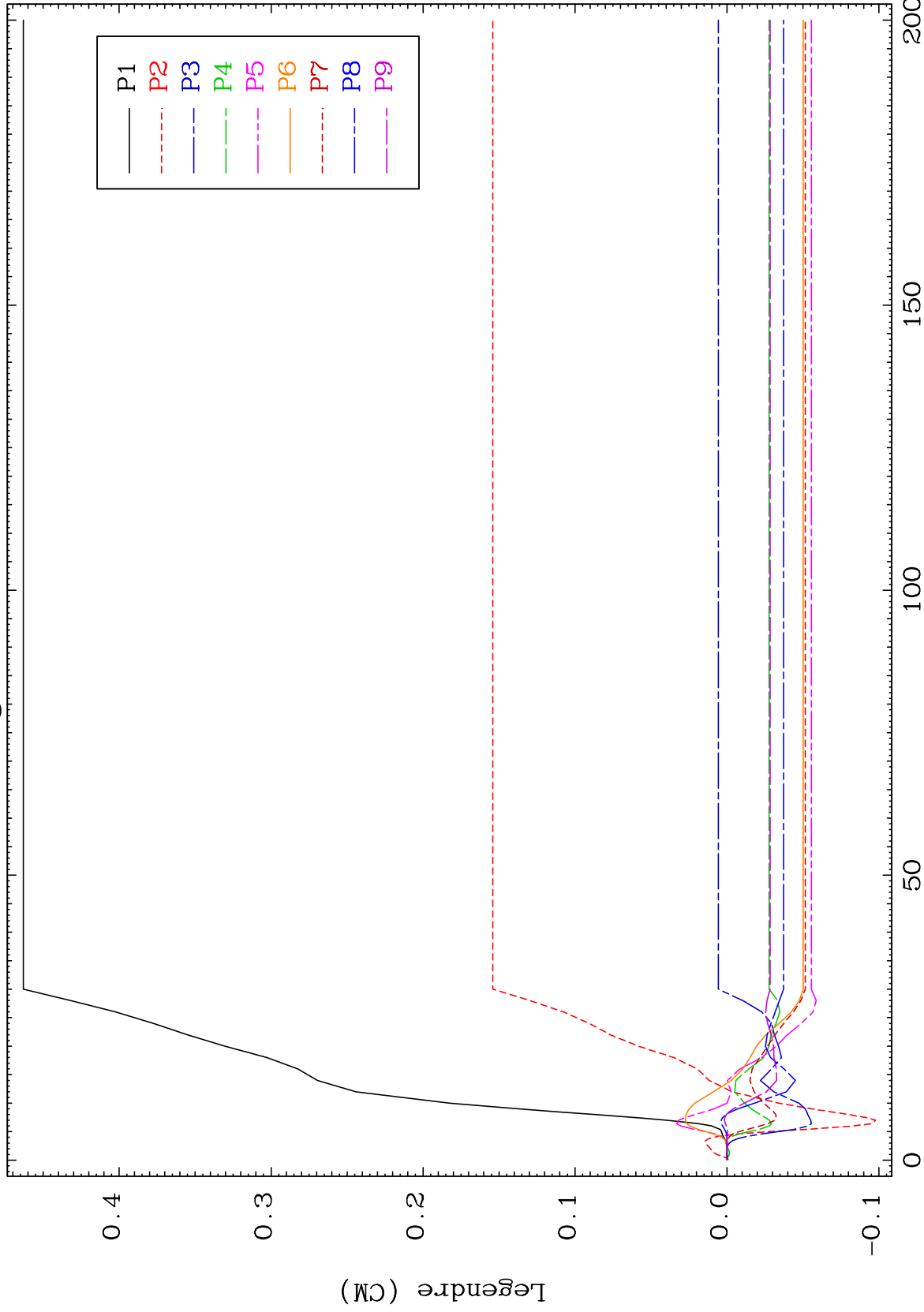
23

59-Pr-142

MAT 5928

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

59-Pr-142



24

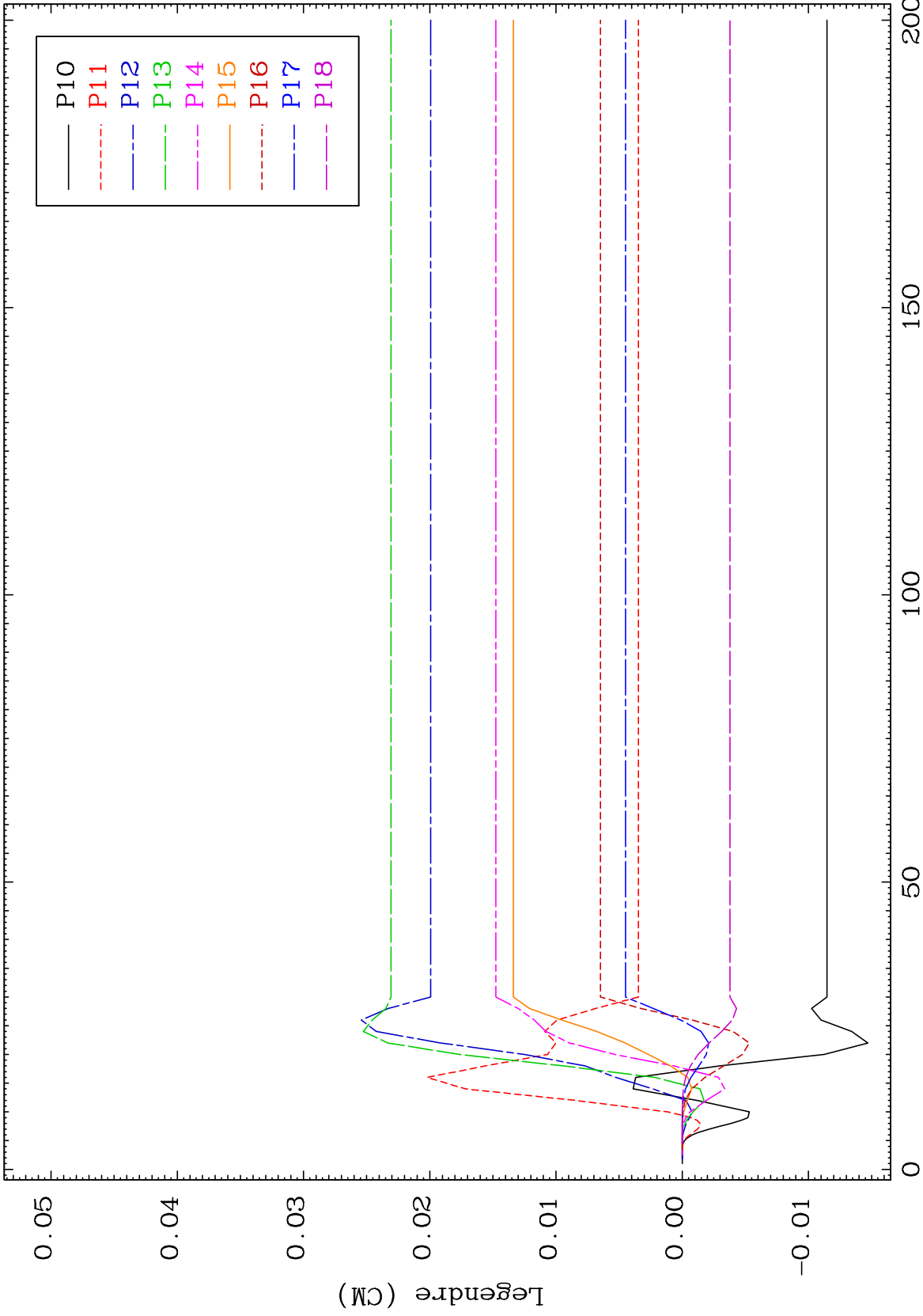
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



25

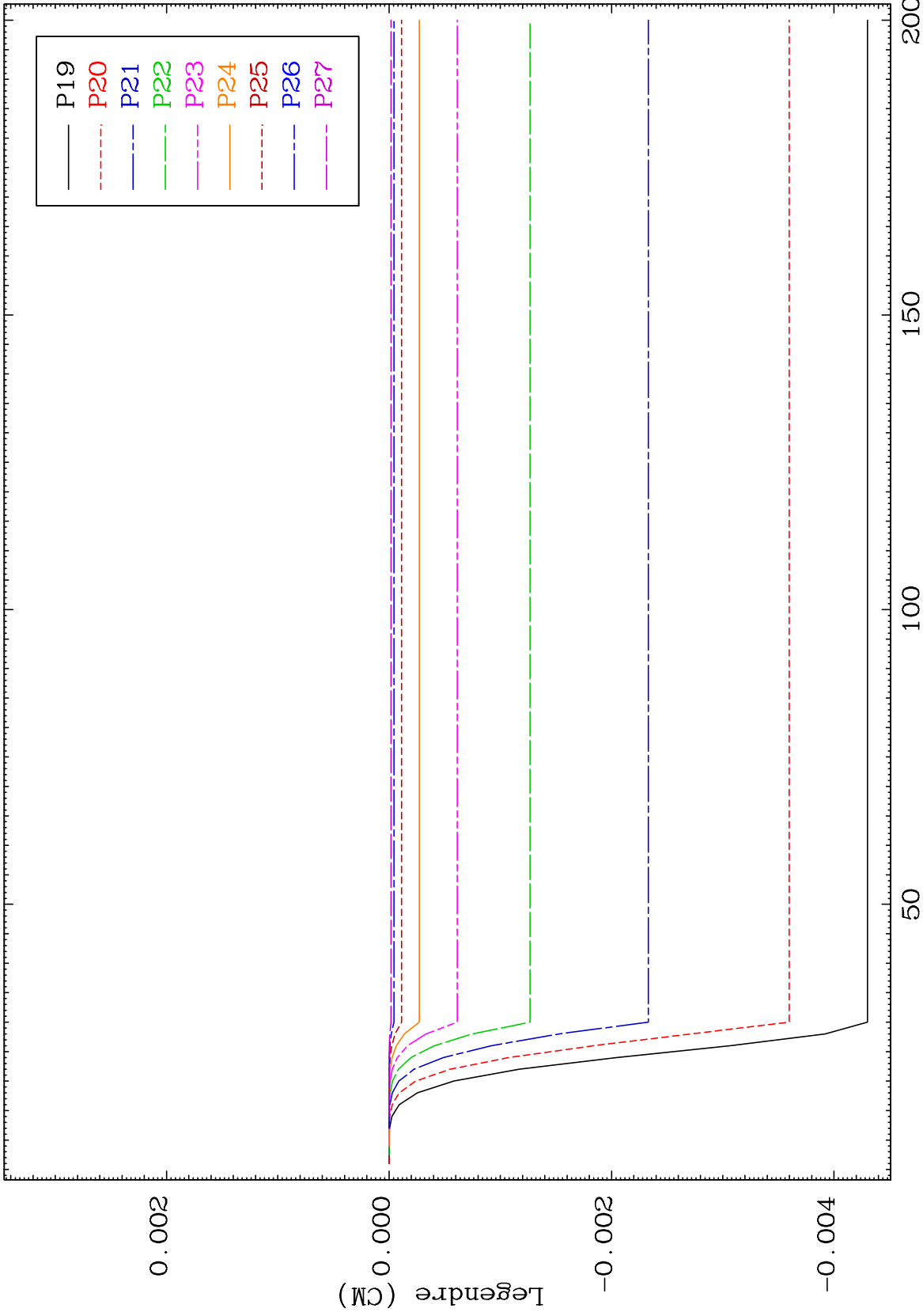
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



26

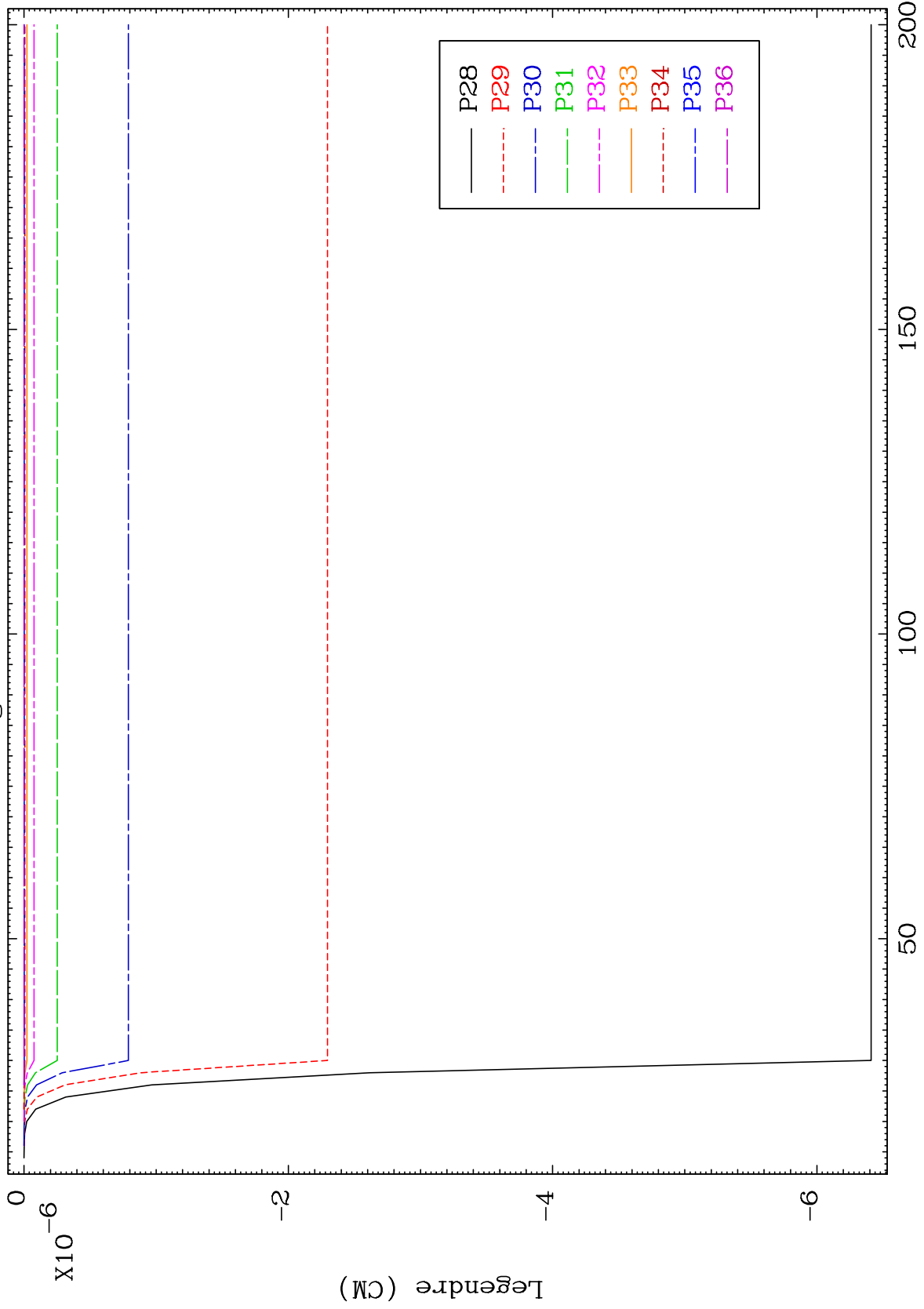
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



27

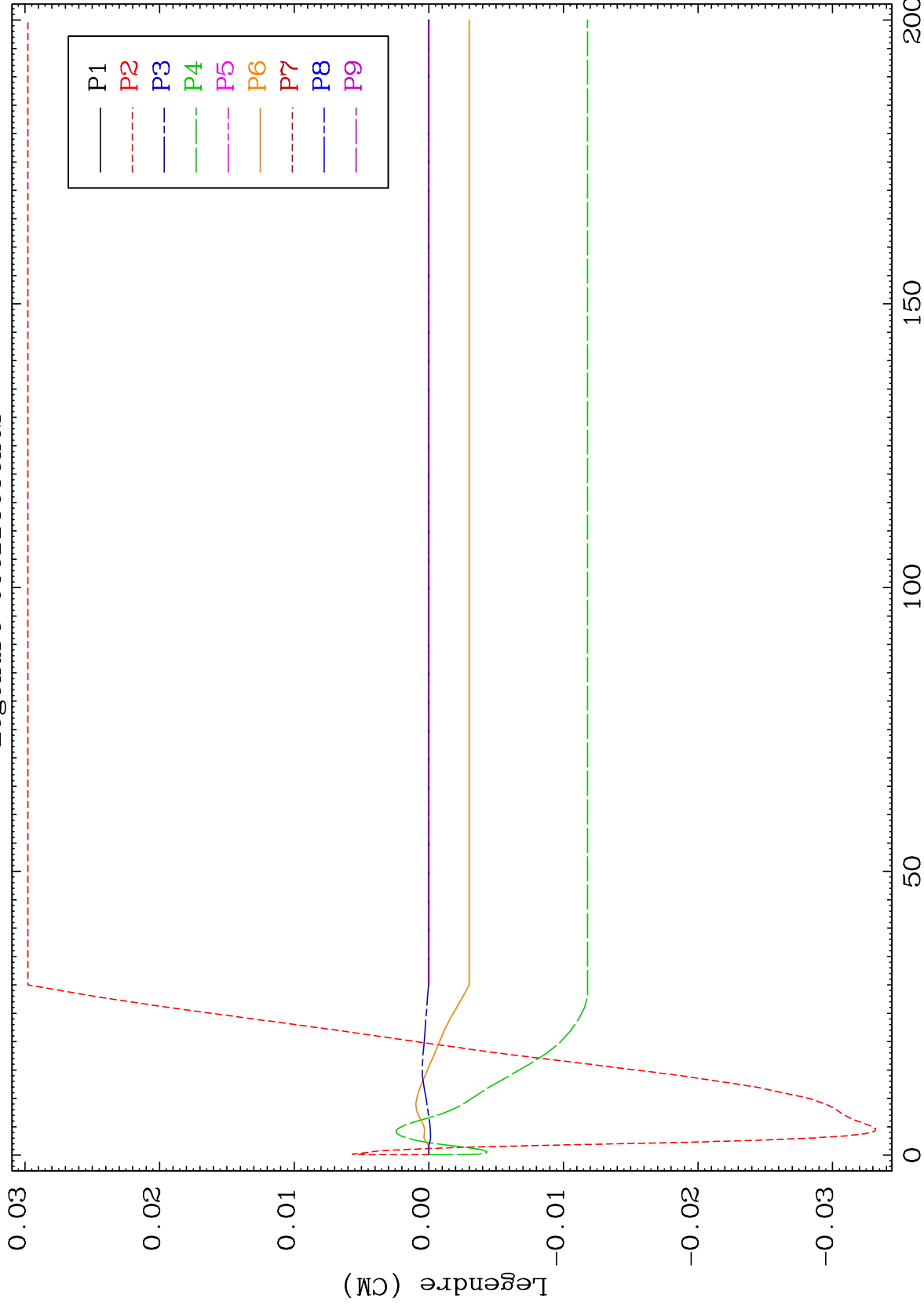
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



28

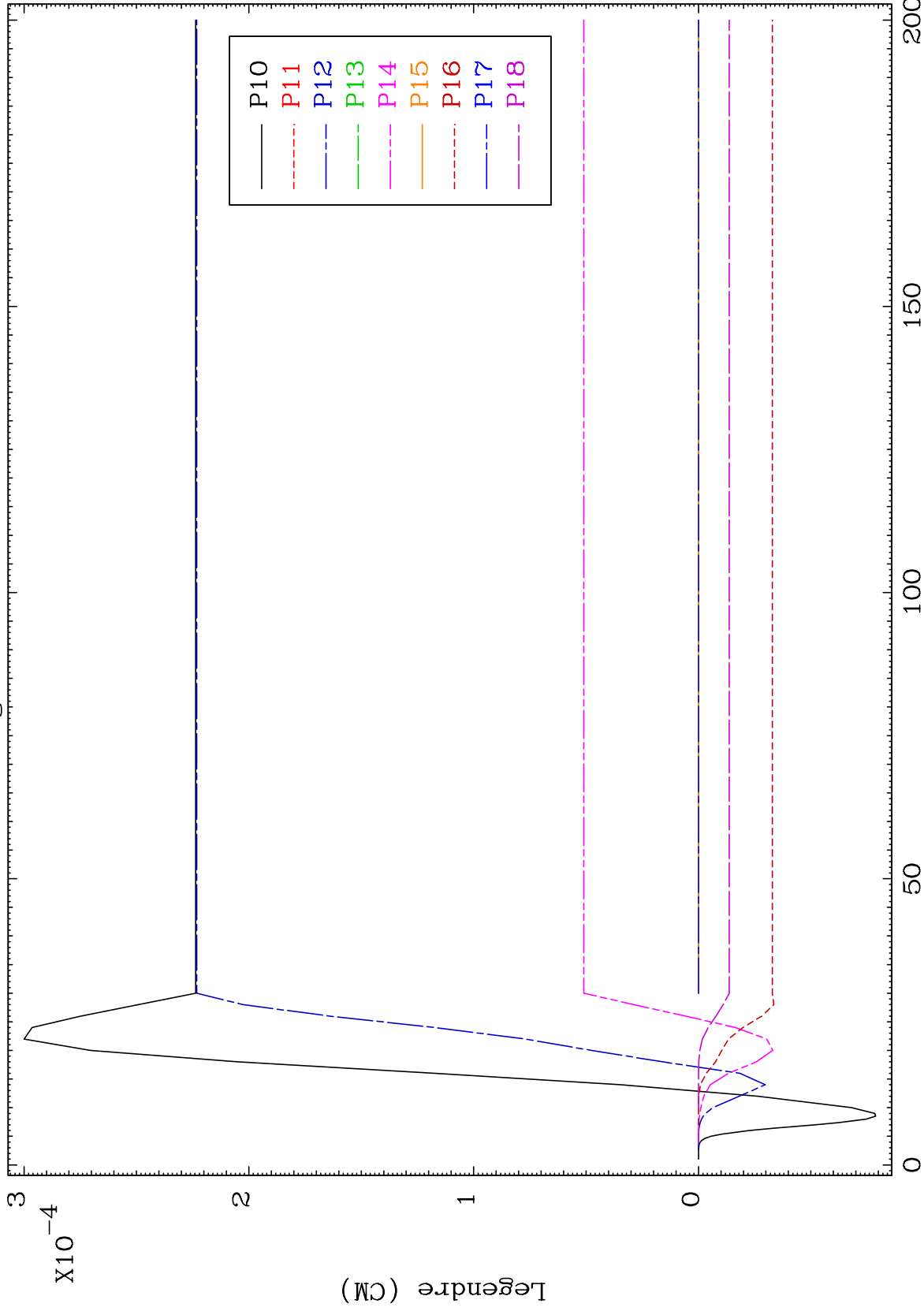
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



29

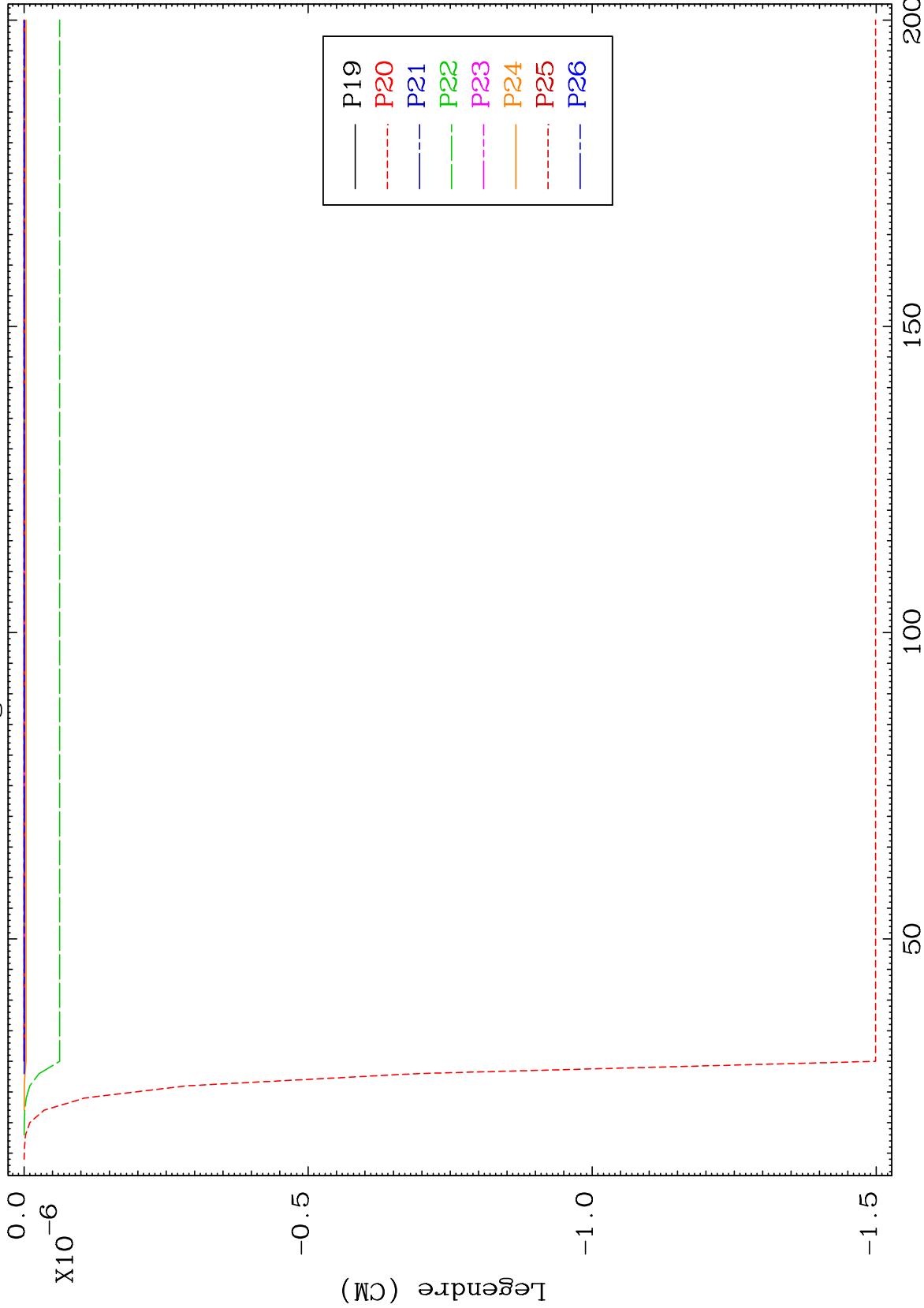
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



30

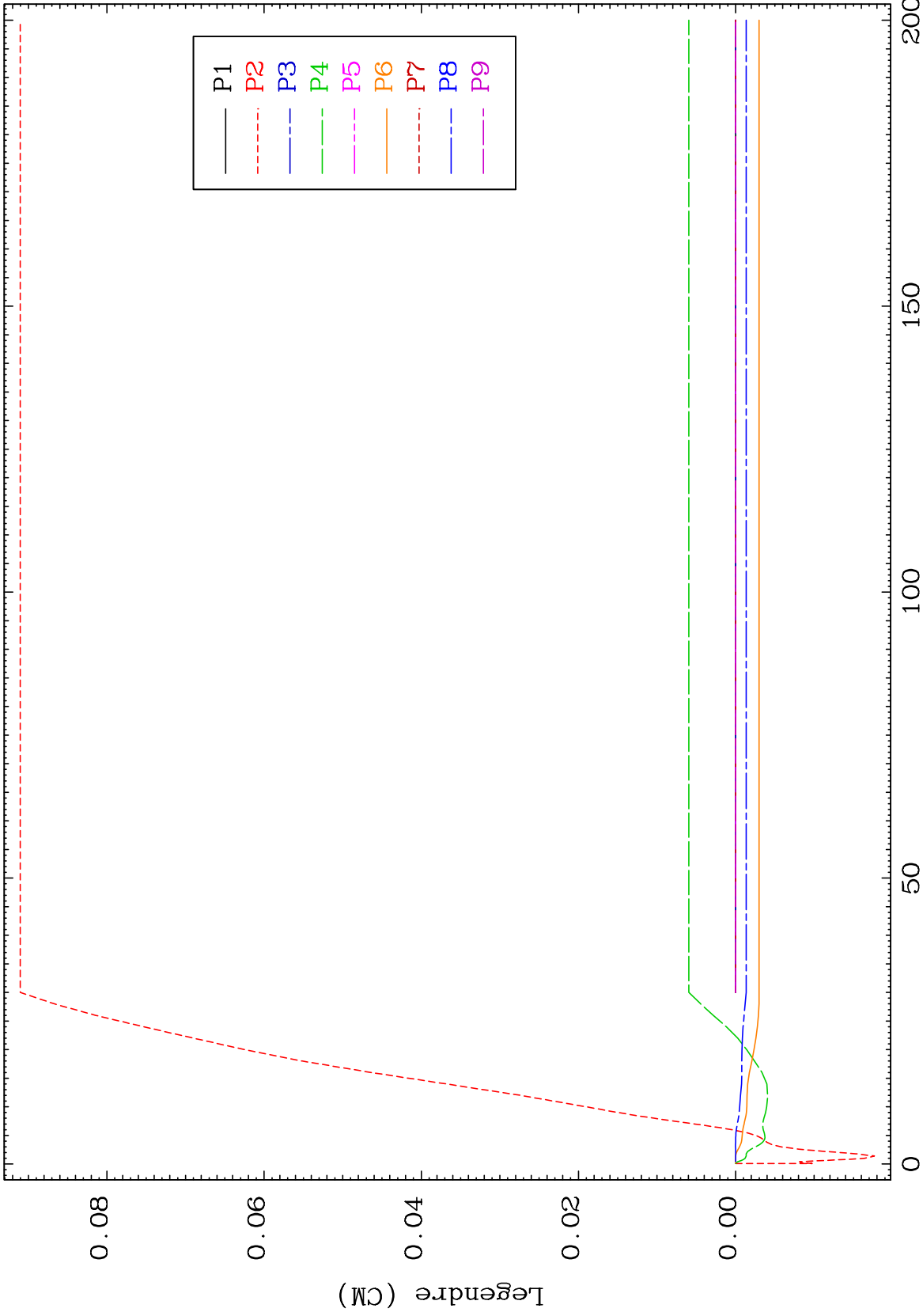
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



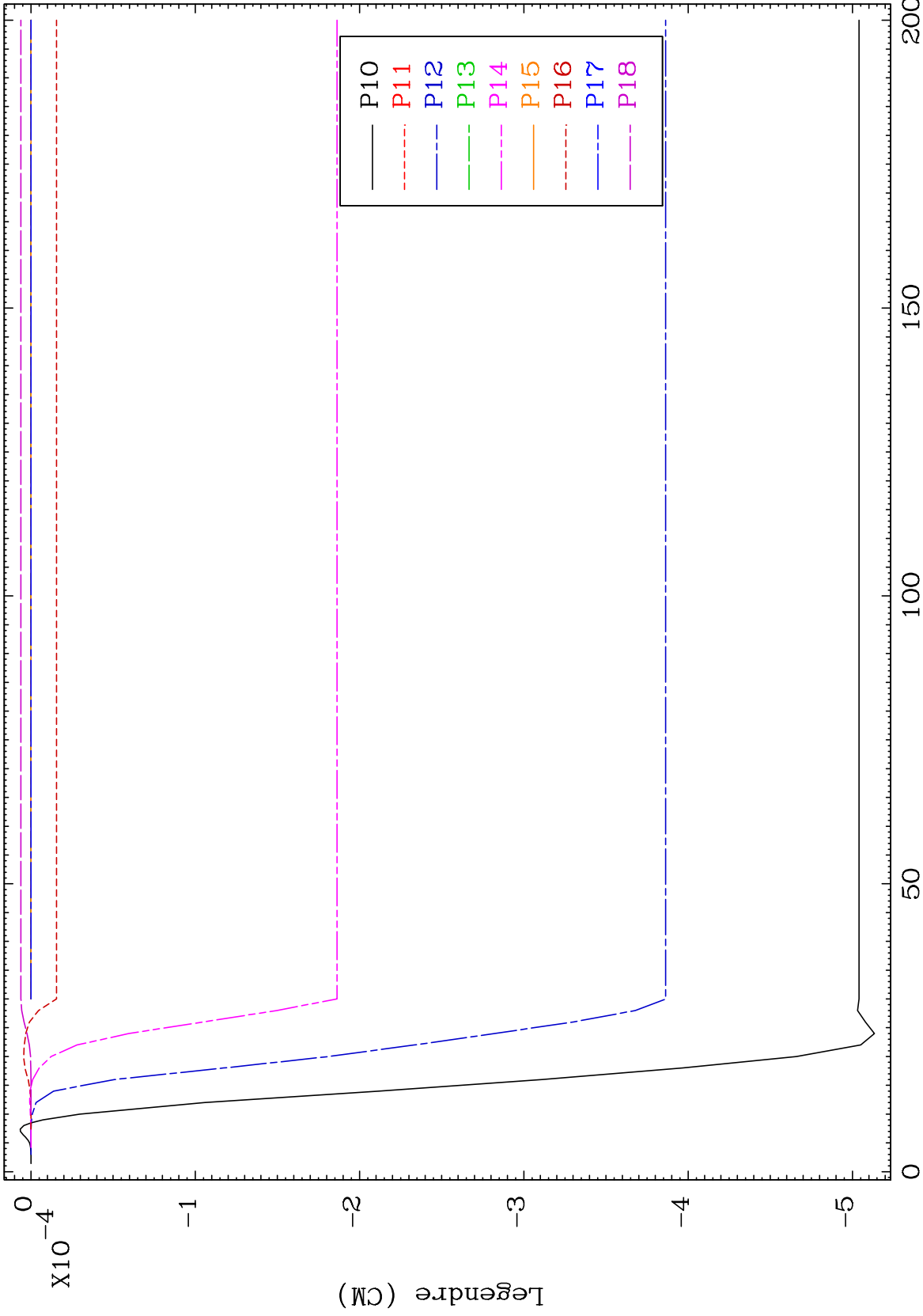
31

59-Pr-142

MAT 5928

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

59-Pr-142



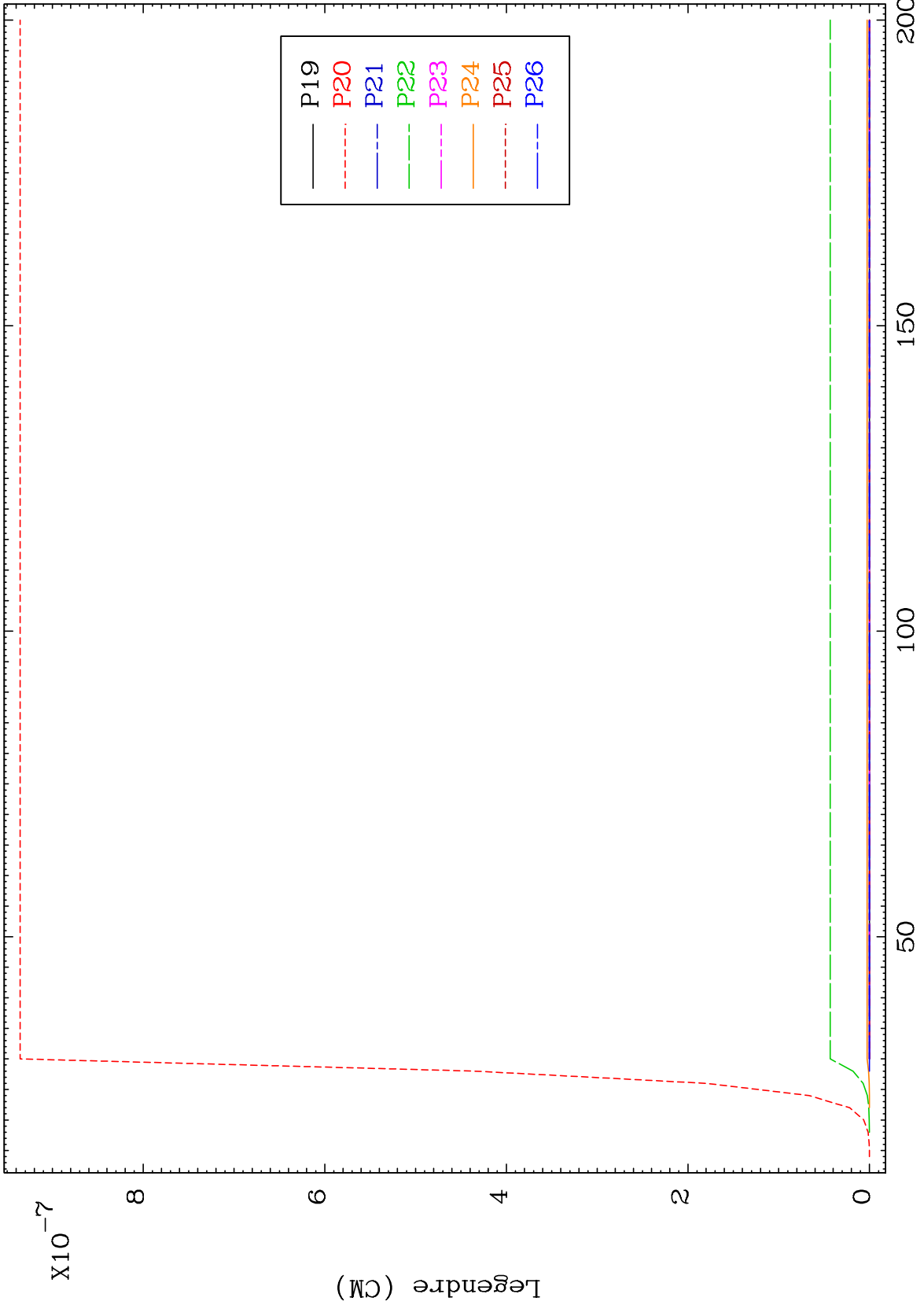
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59-Pr-142

MAT 5928

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

59-Pr-142



33

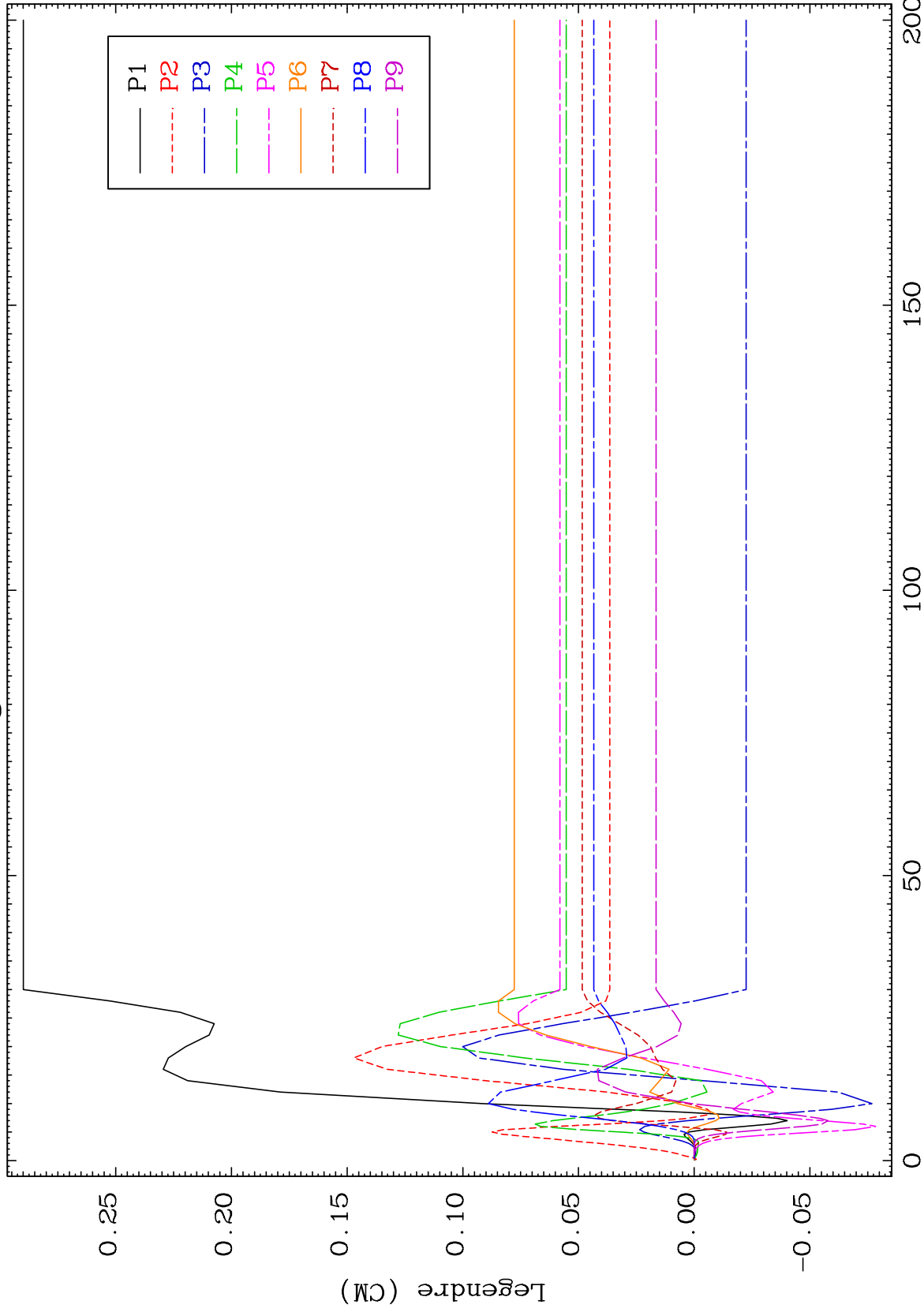
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



34

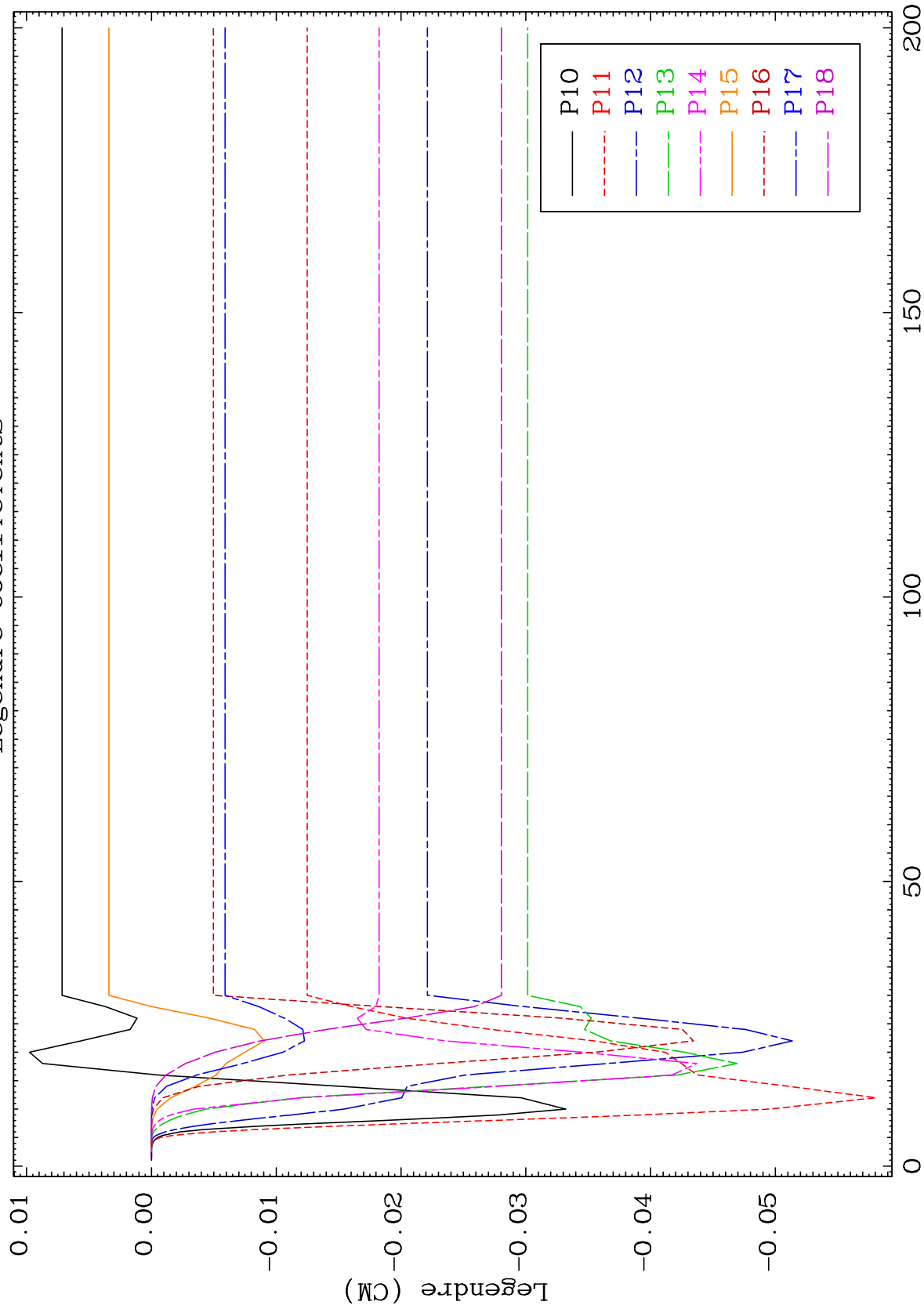
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



35

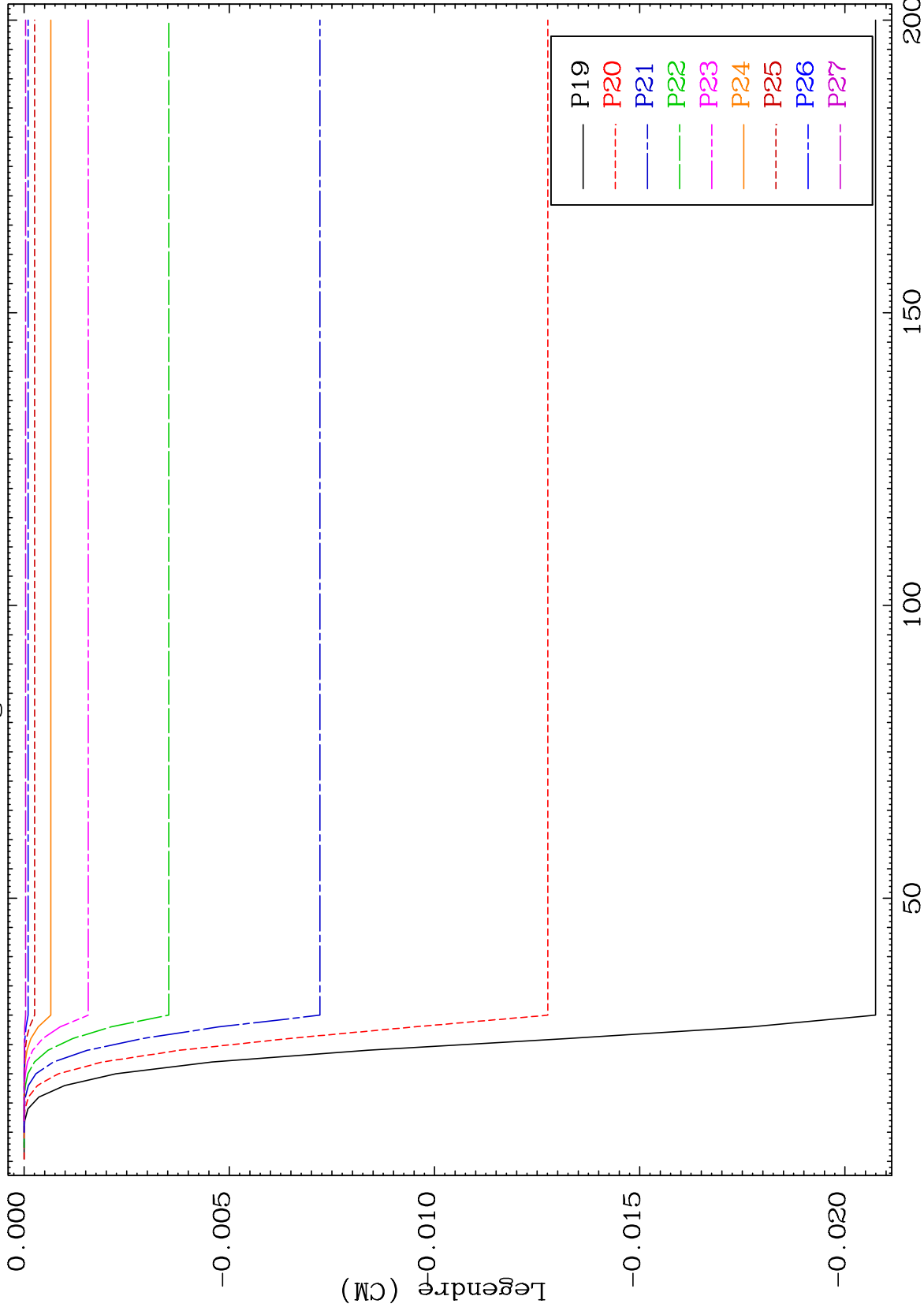
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



36

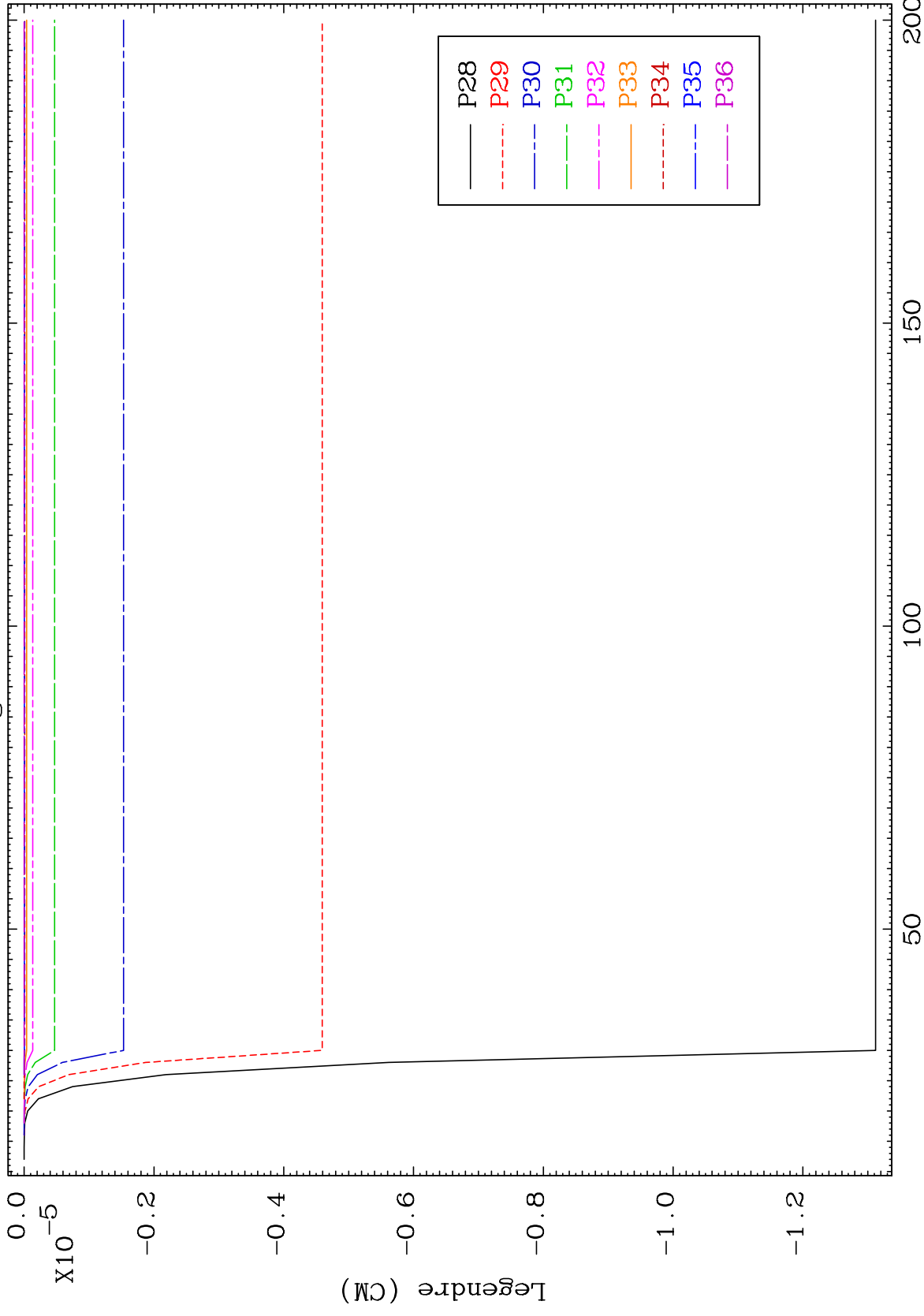
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



37

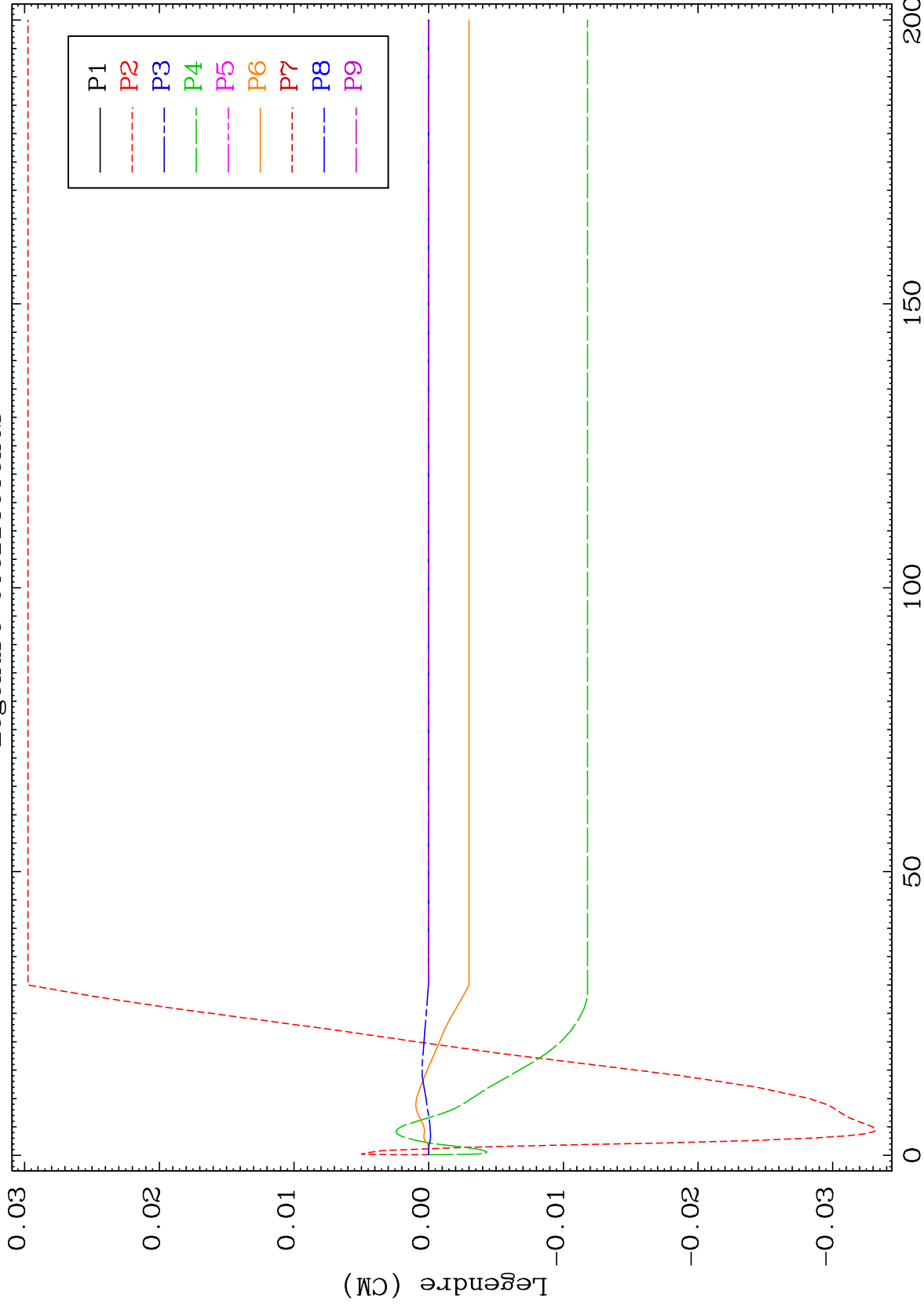
59-Pr-142

Incident Energy (MeV)

MAT 5928

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

59-Pr-142



38

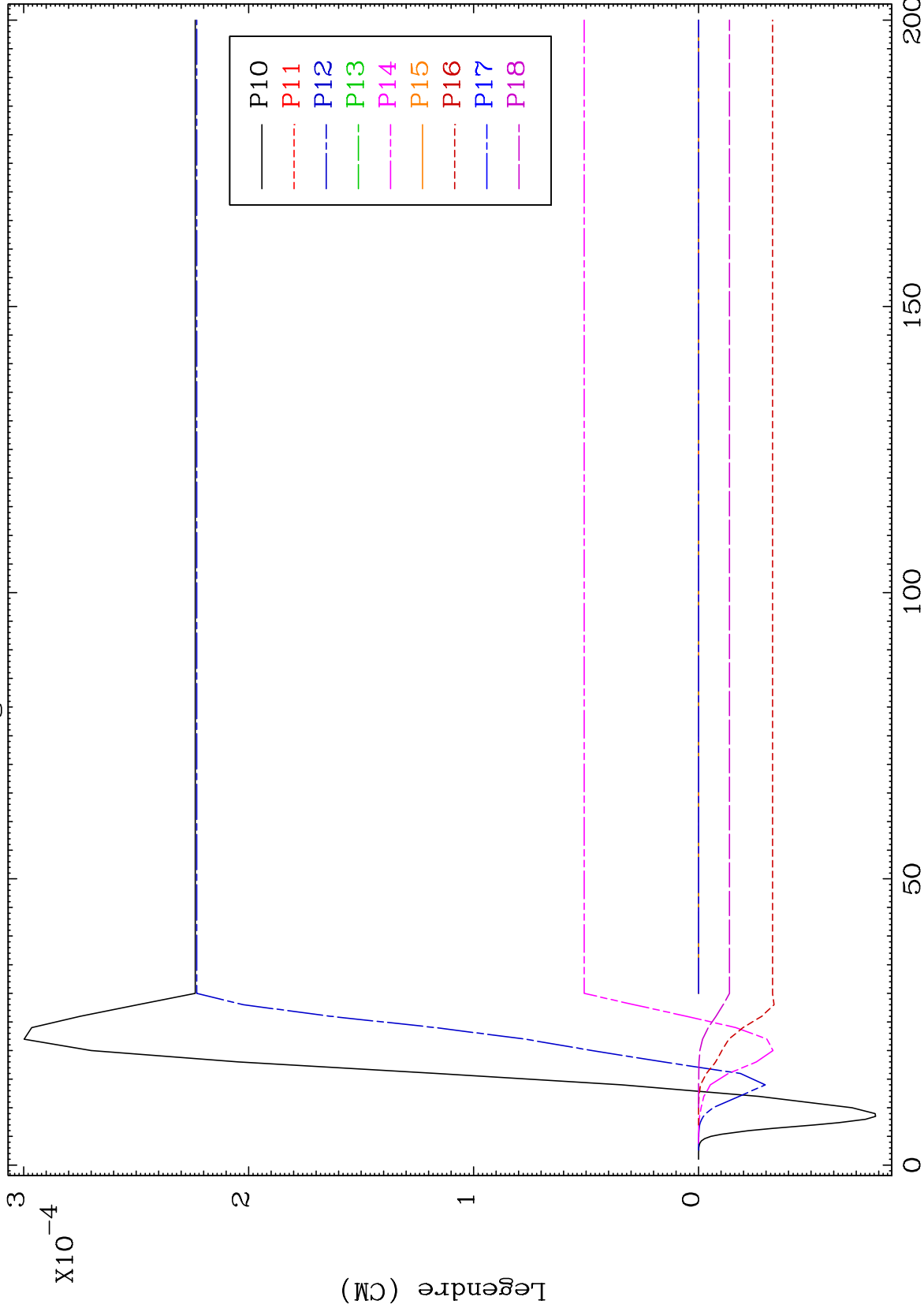
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



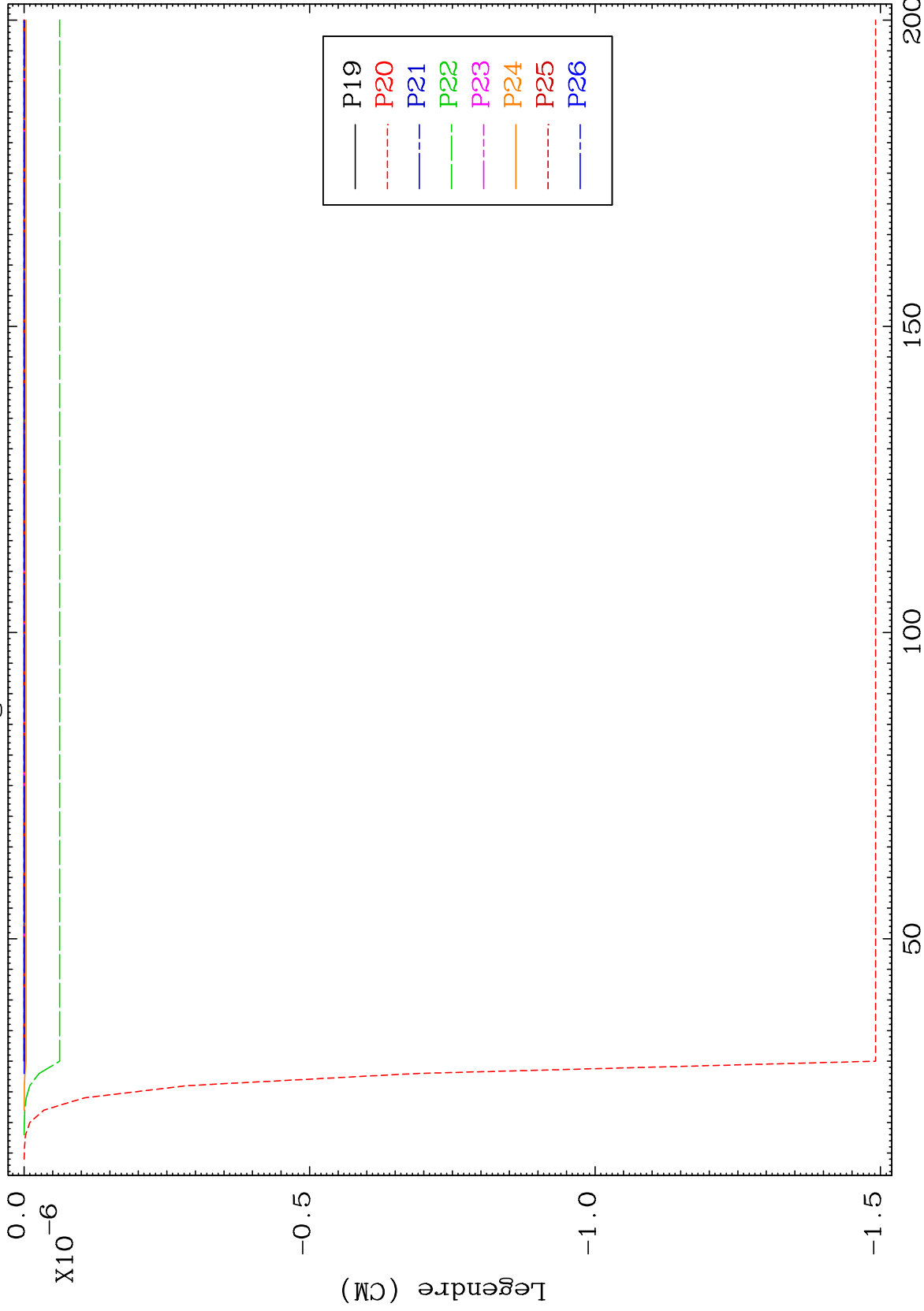
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59-Pr-142

MAT 5928

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

59-Pr-142



40

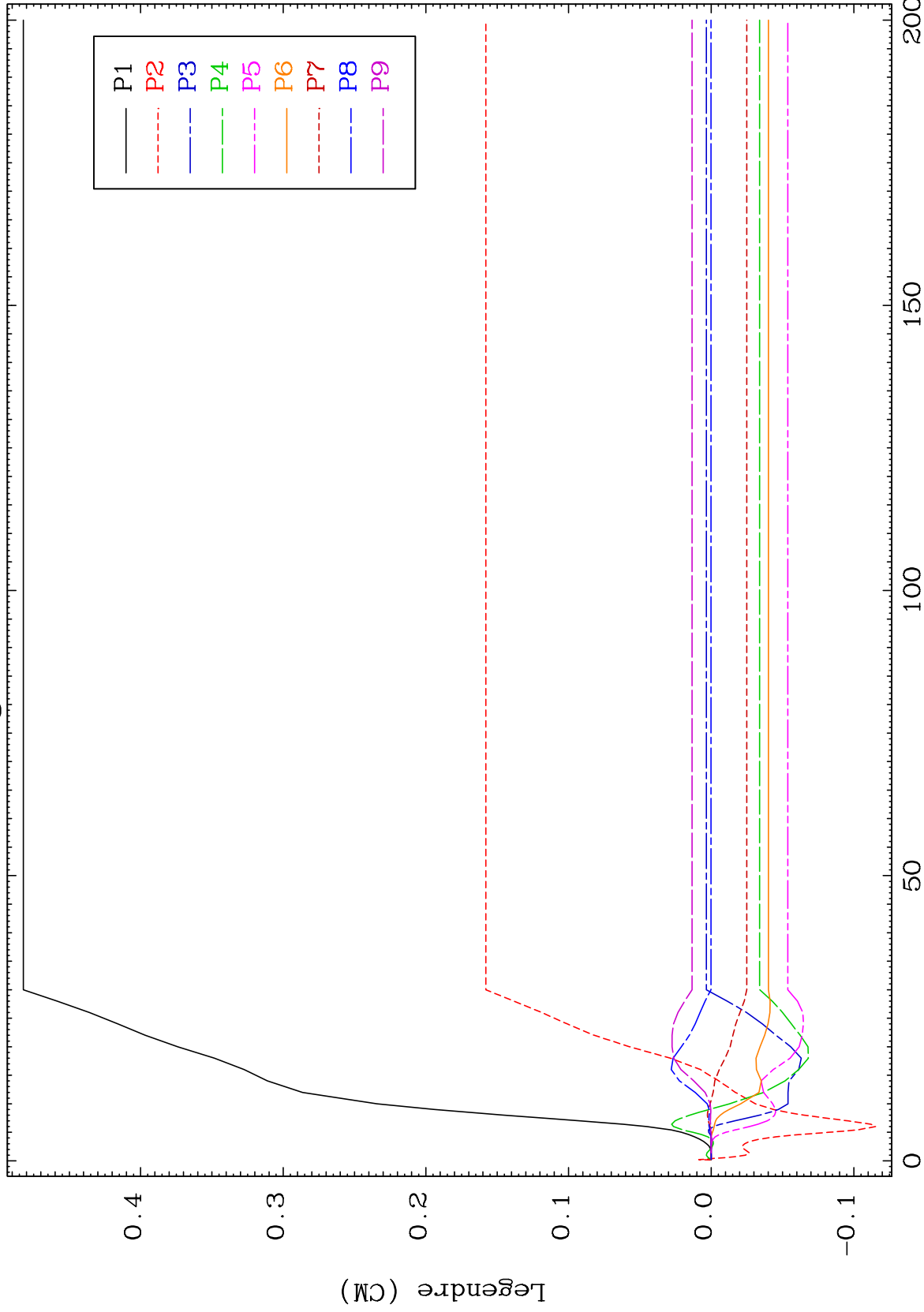
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



41

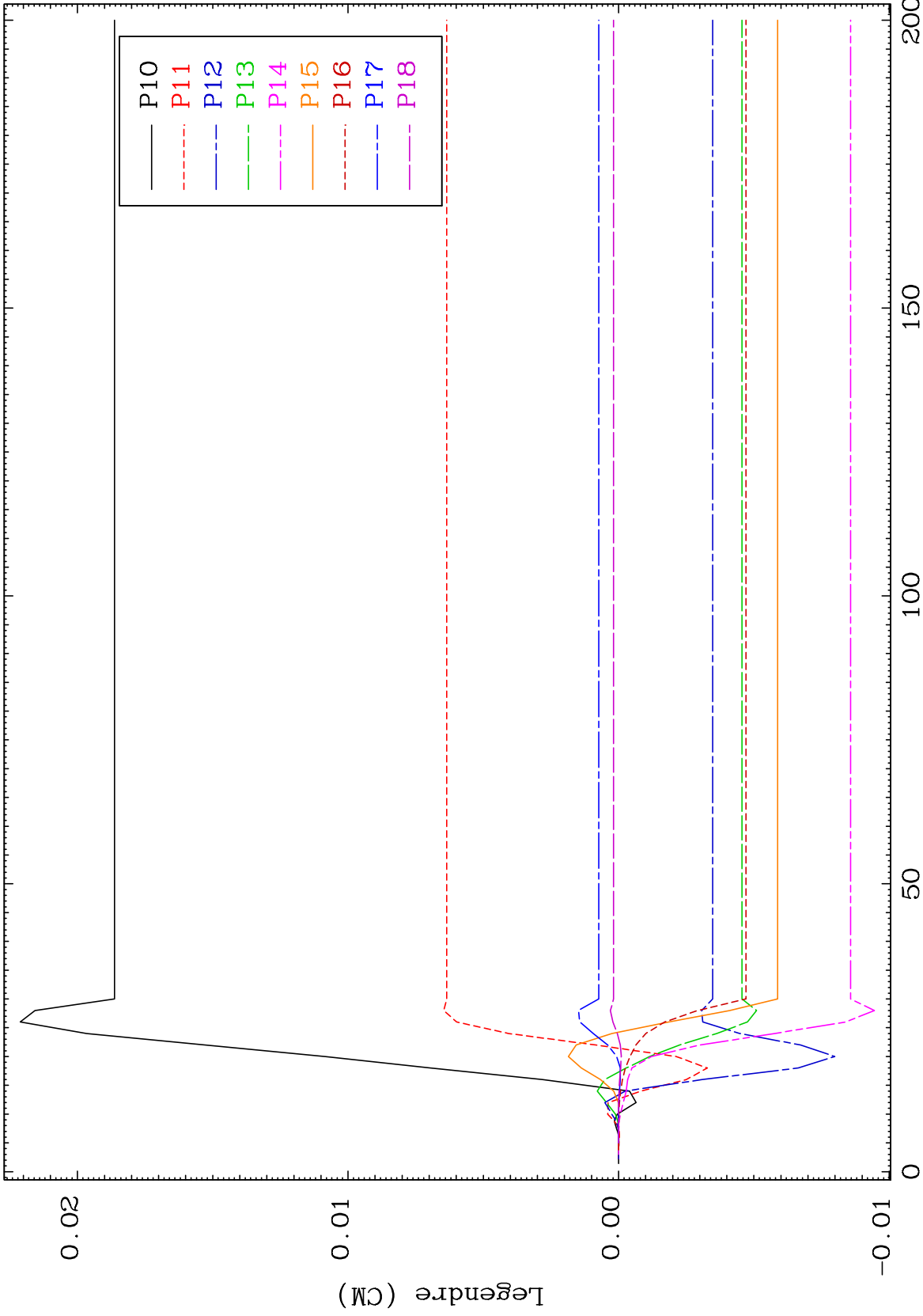
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

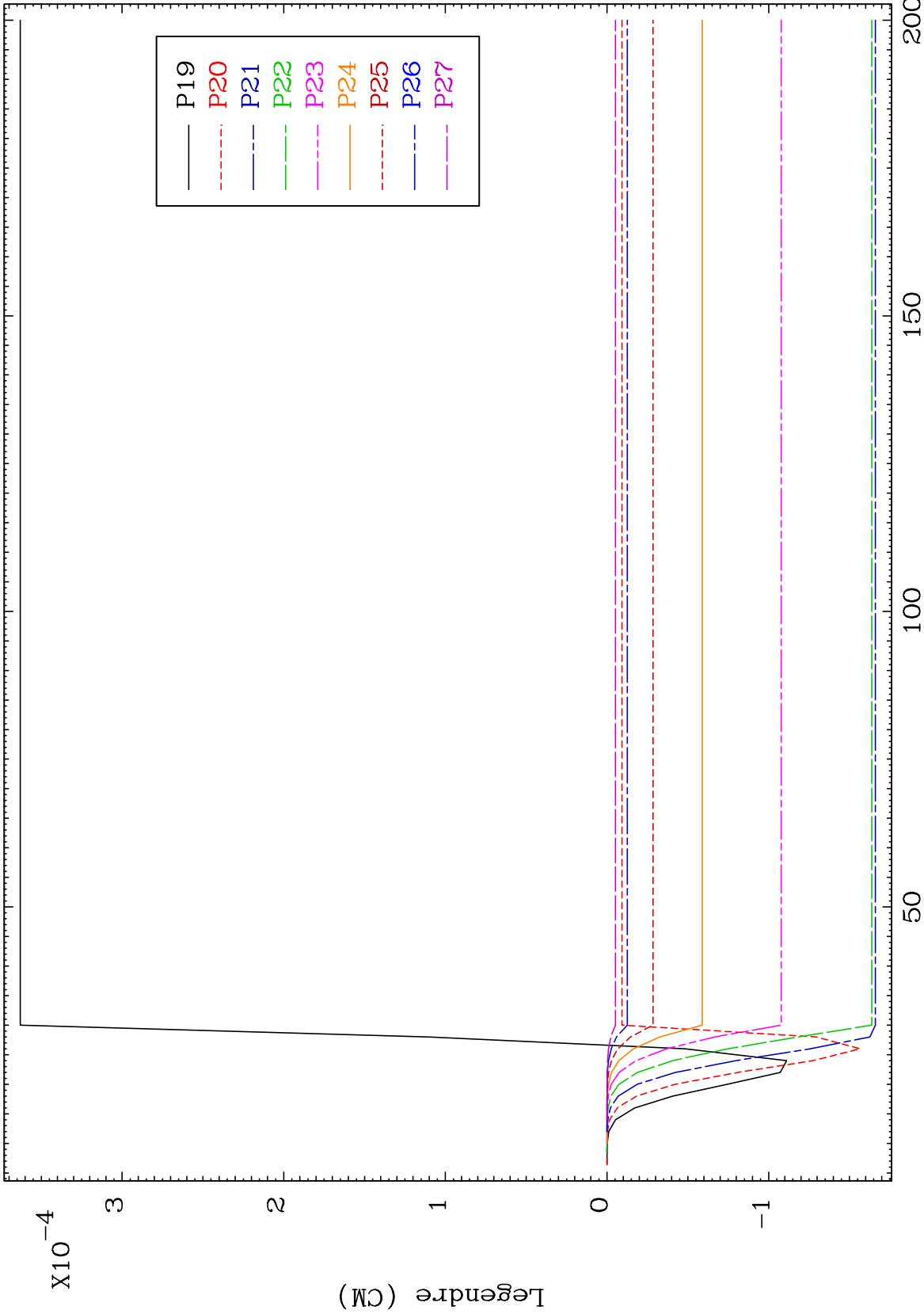
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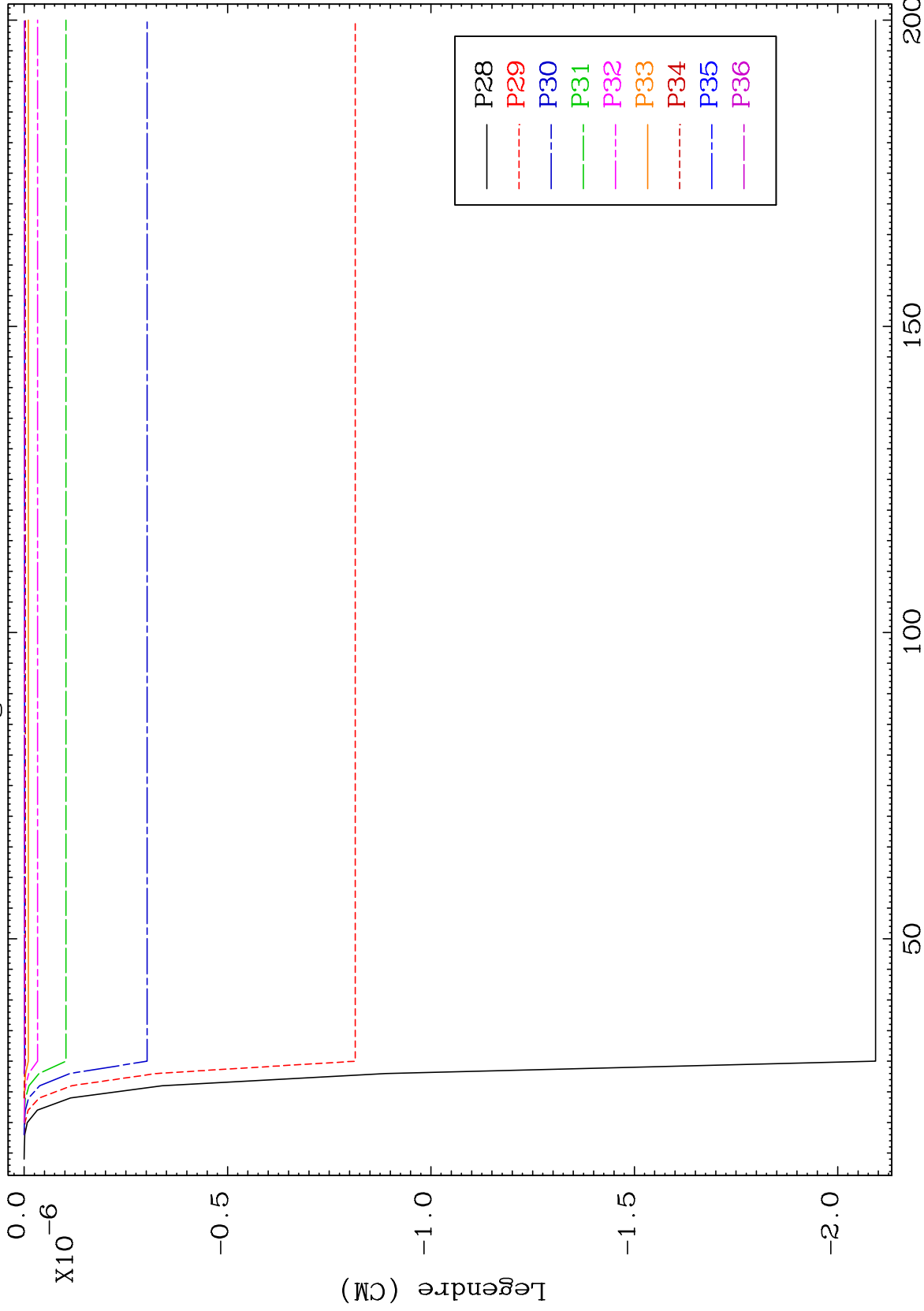


42

Incident Energy (MeV)

59-Pr-142

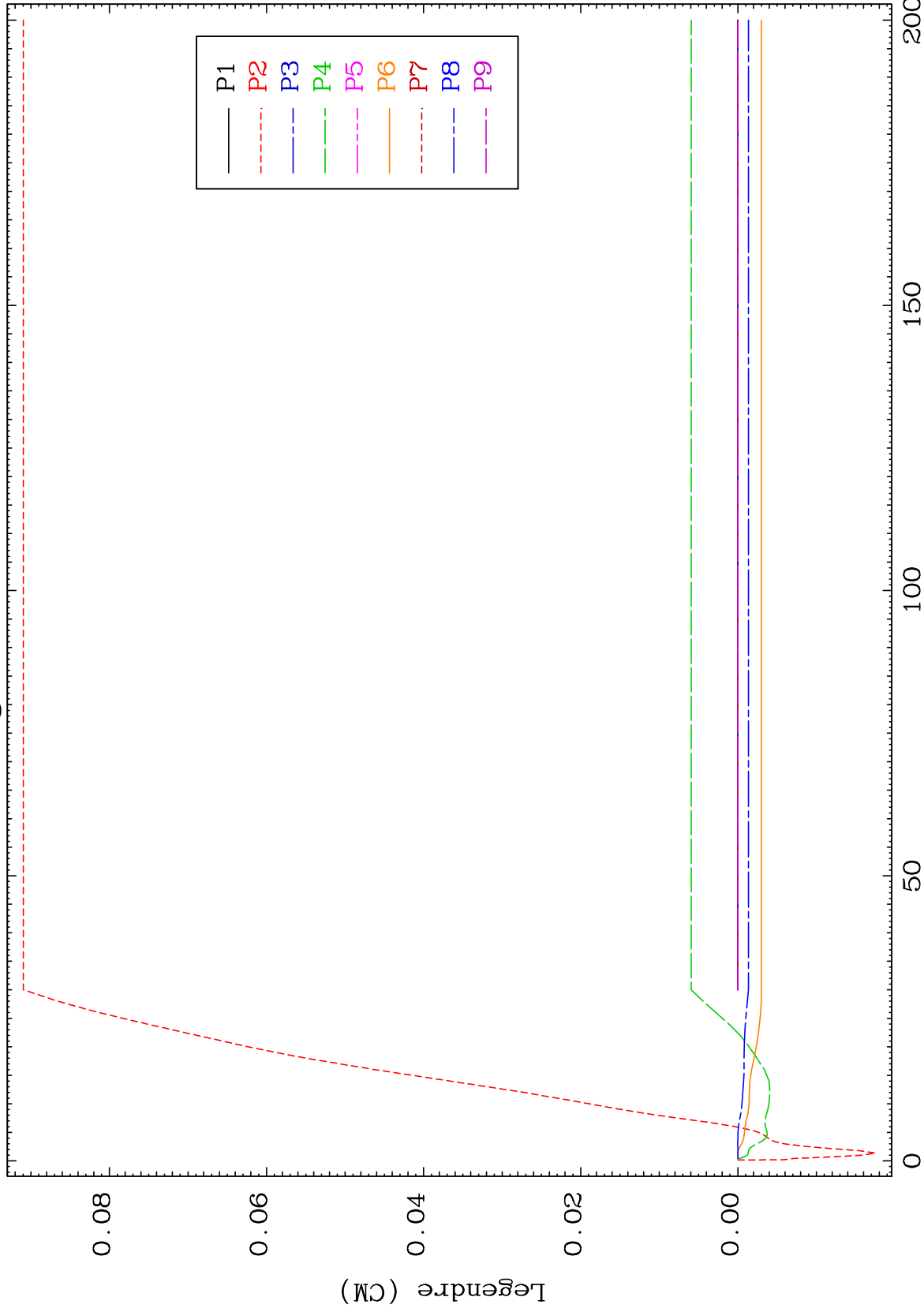




MAT 5928

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

59-Pr-142



59-Pr-142

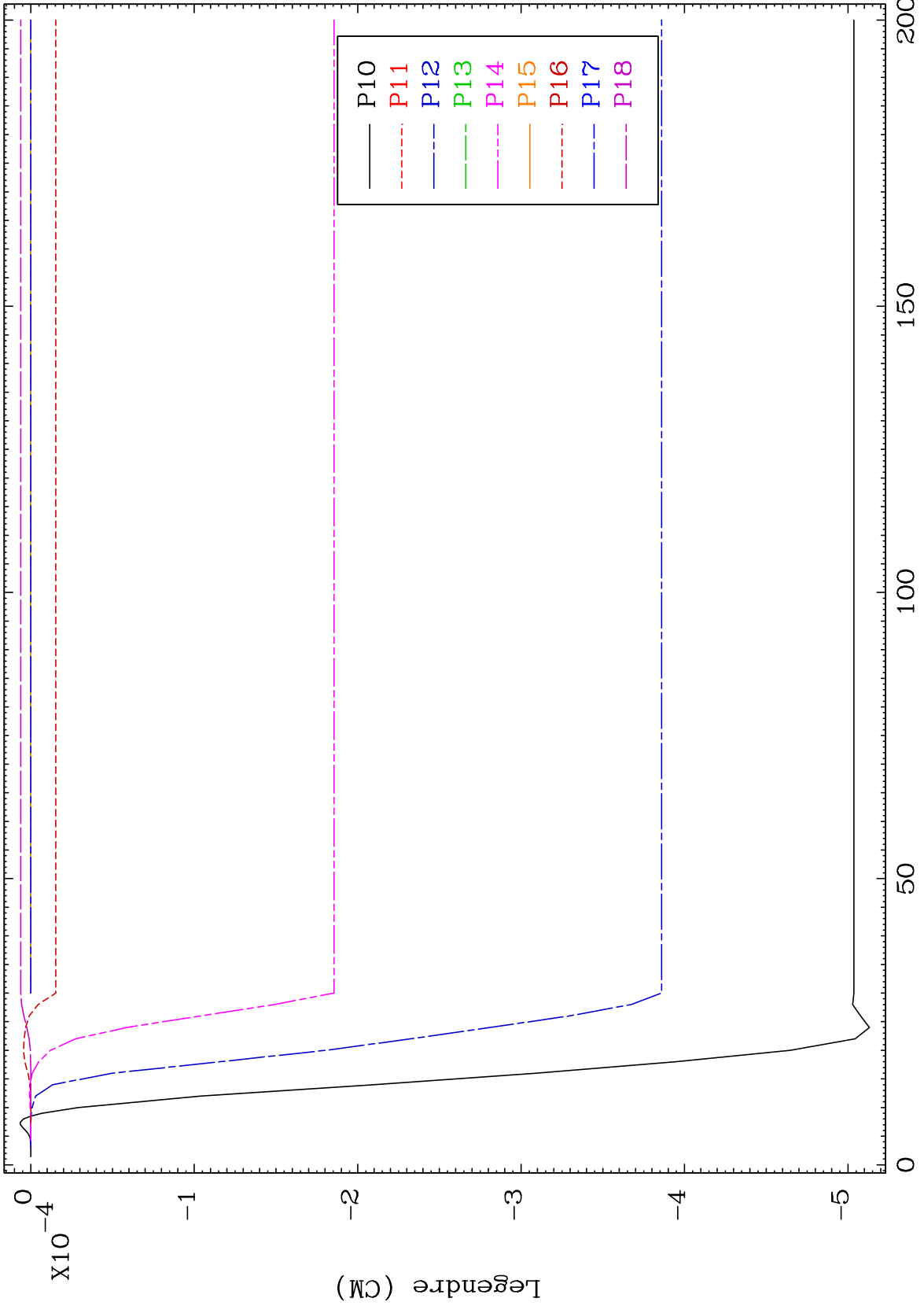
Incident Energy (MeV)

45

MAT 5928

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

59-Pr-142



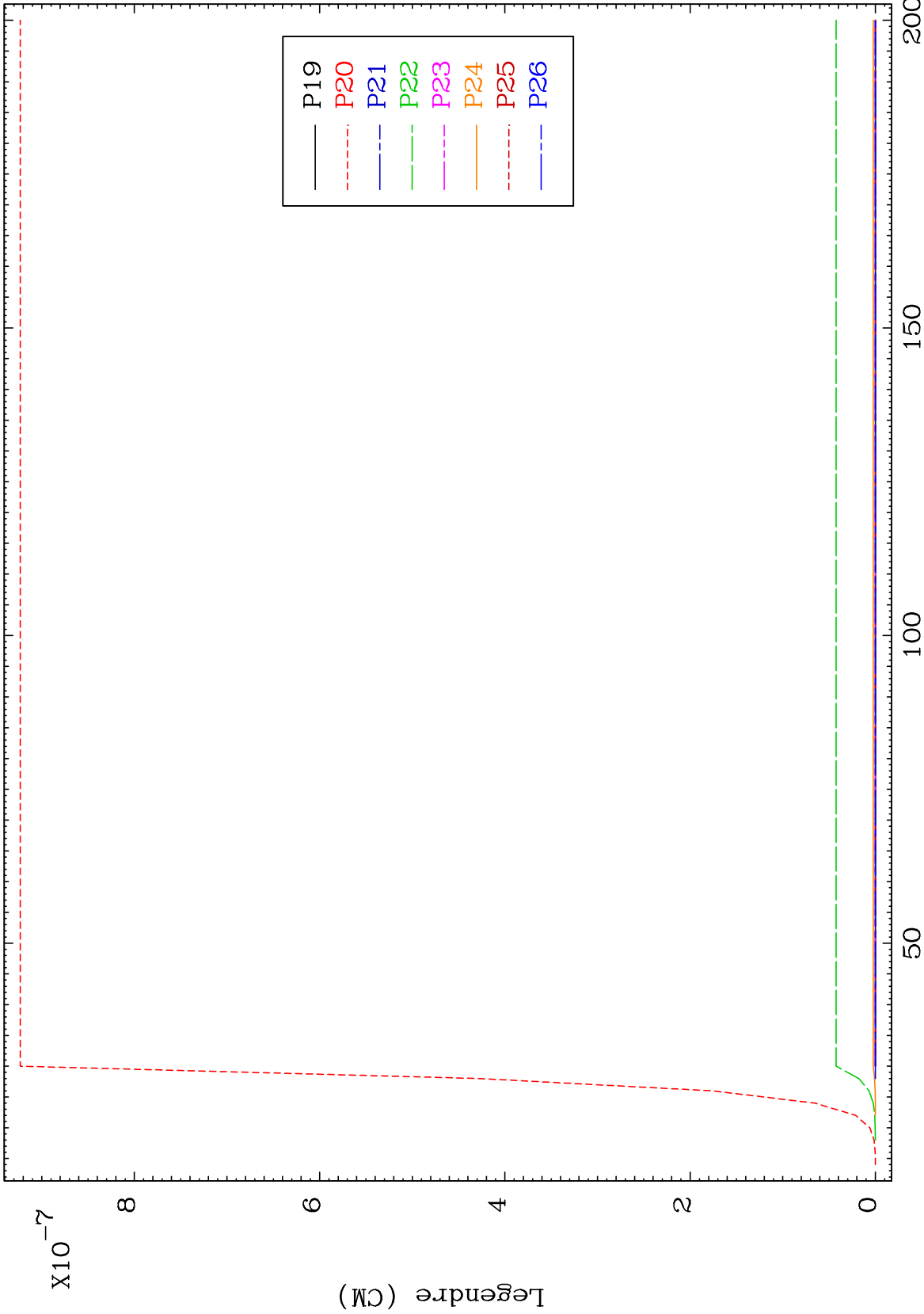
46

59-Pr-142

MAT 5928

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

59-Pr-142



47

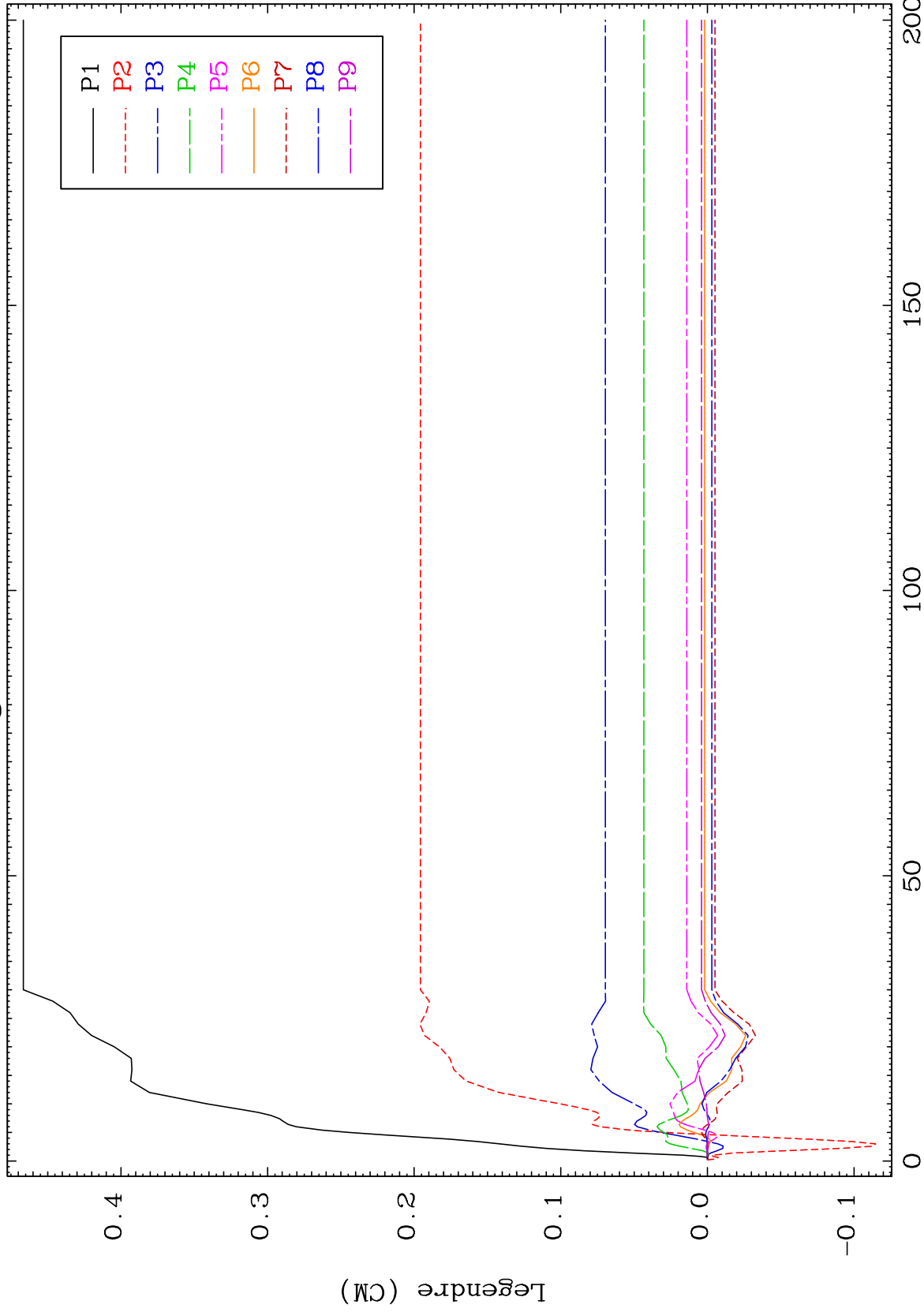
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



48

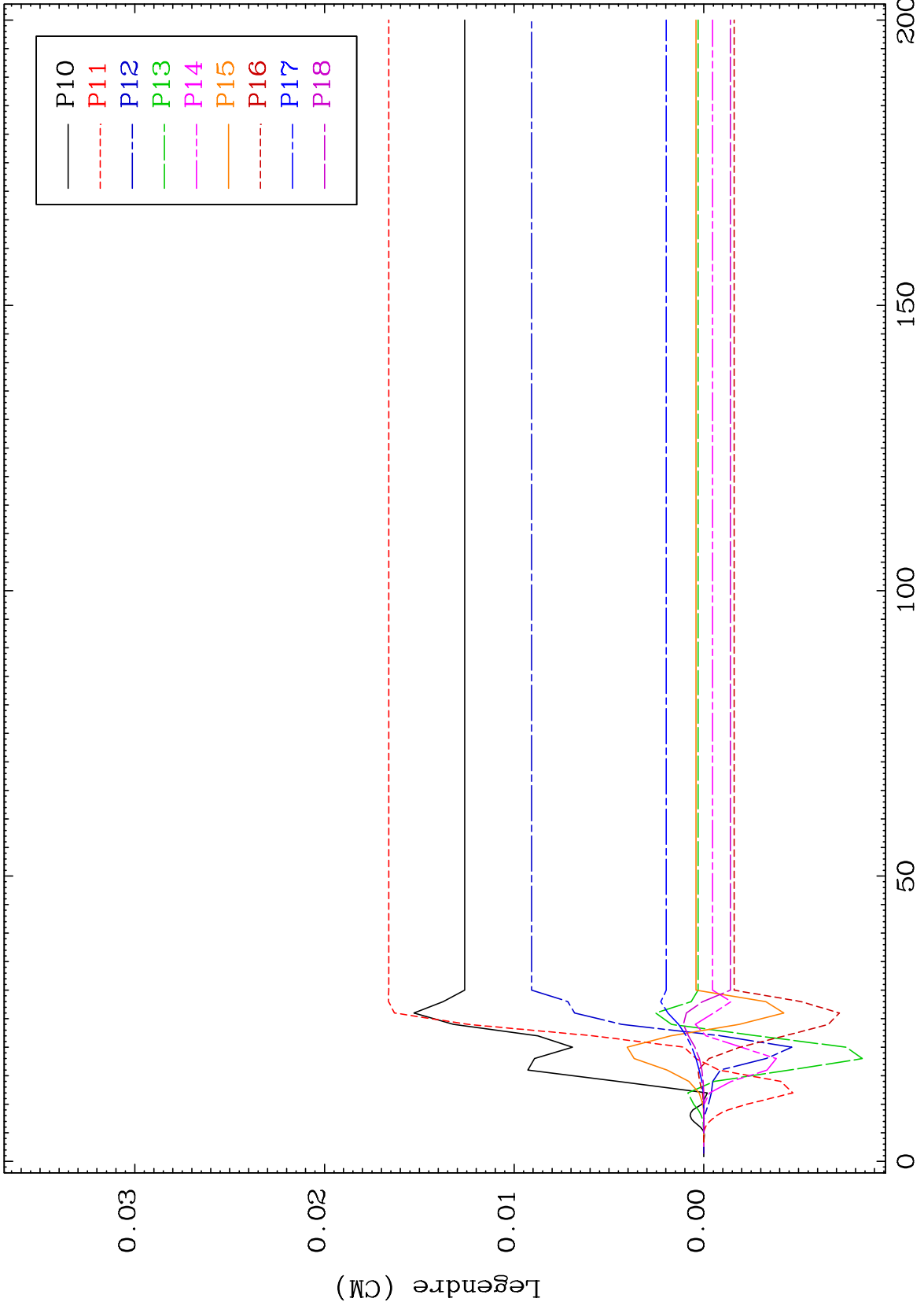
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



49

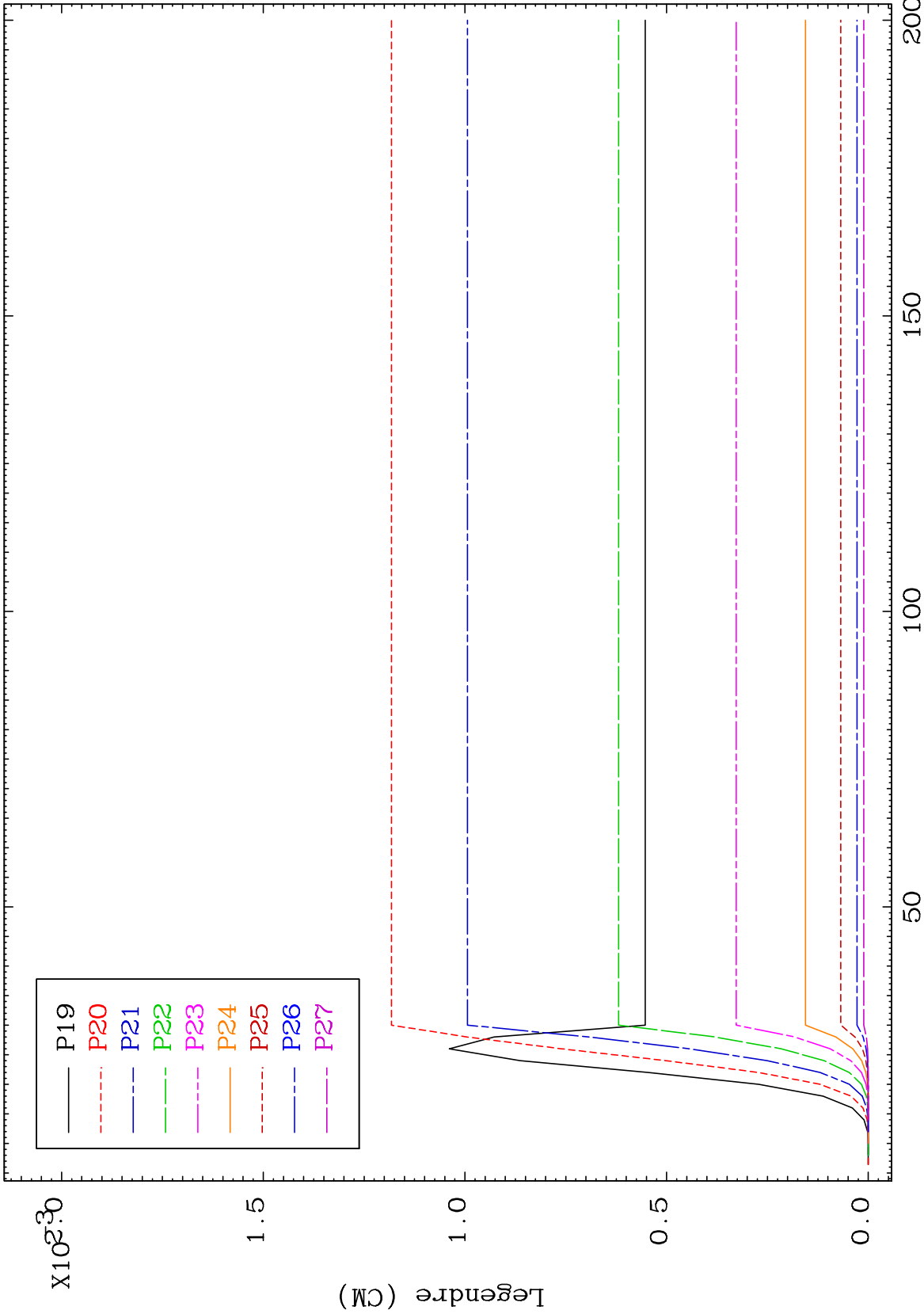
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



50

50

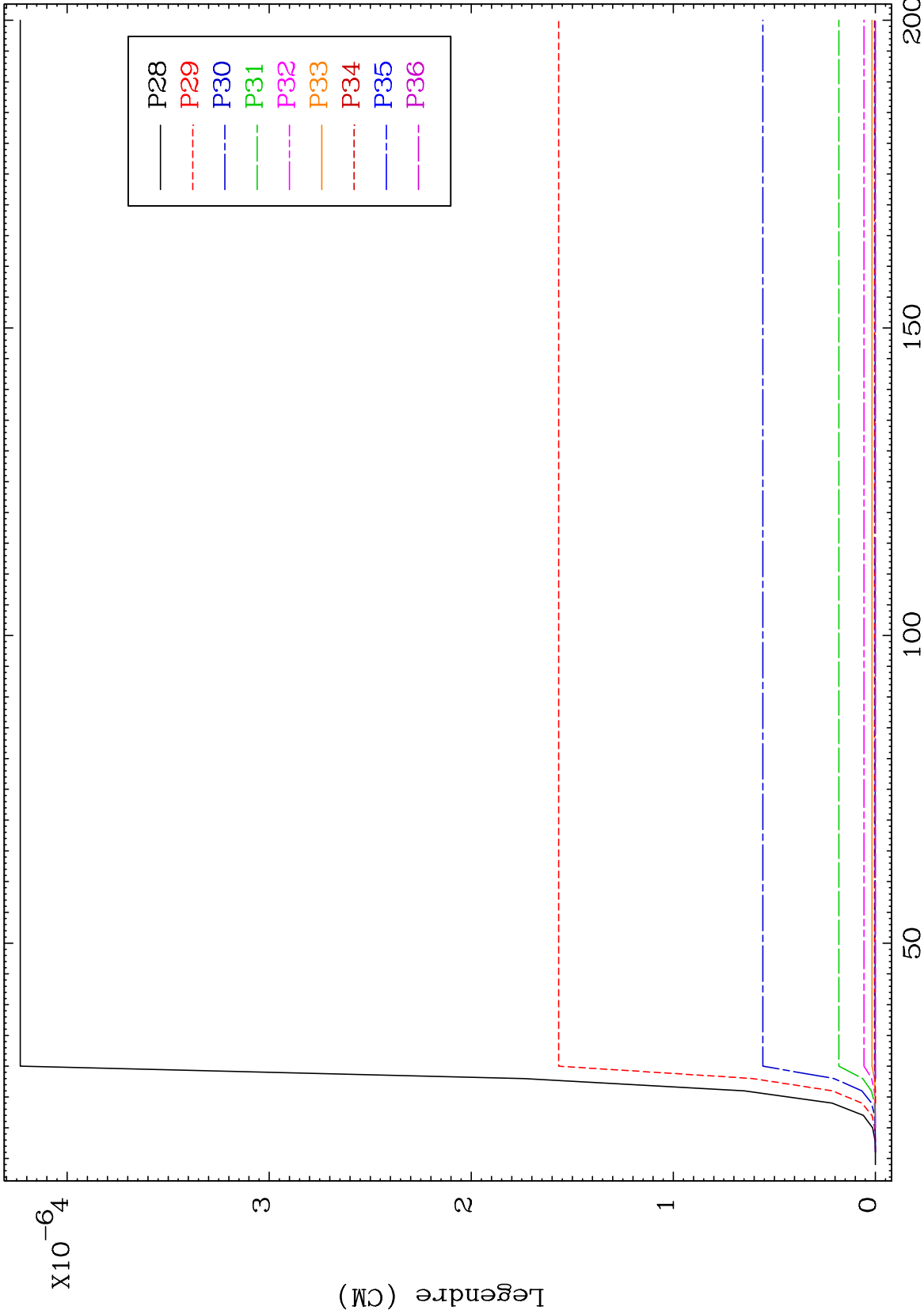
100

150

200

Incident Energy (MeV)

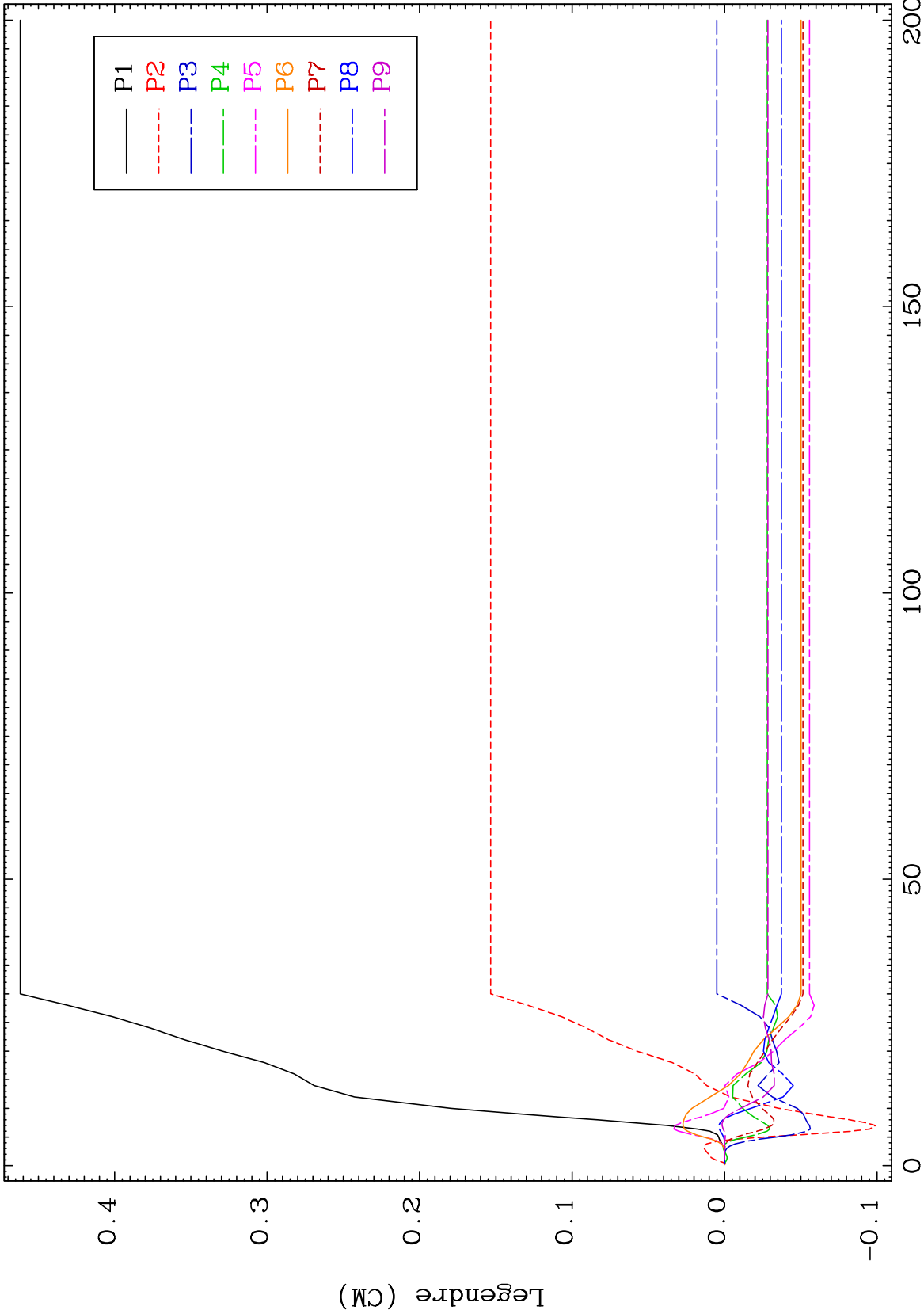
59-Pr-142



MAT 5928

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

59-Pr-142



52

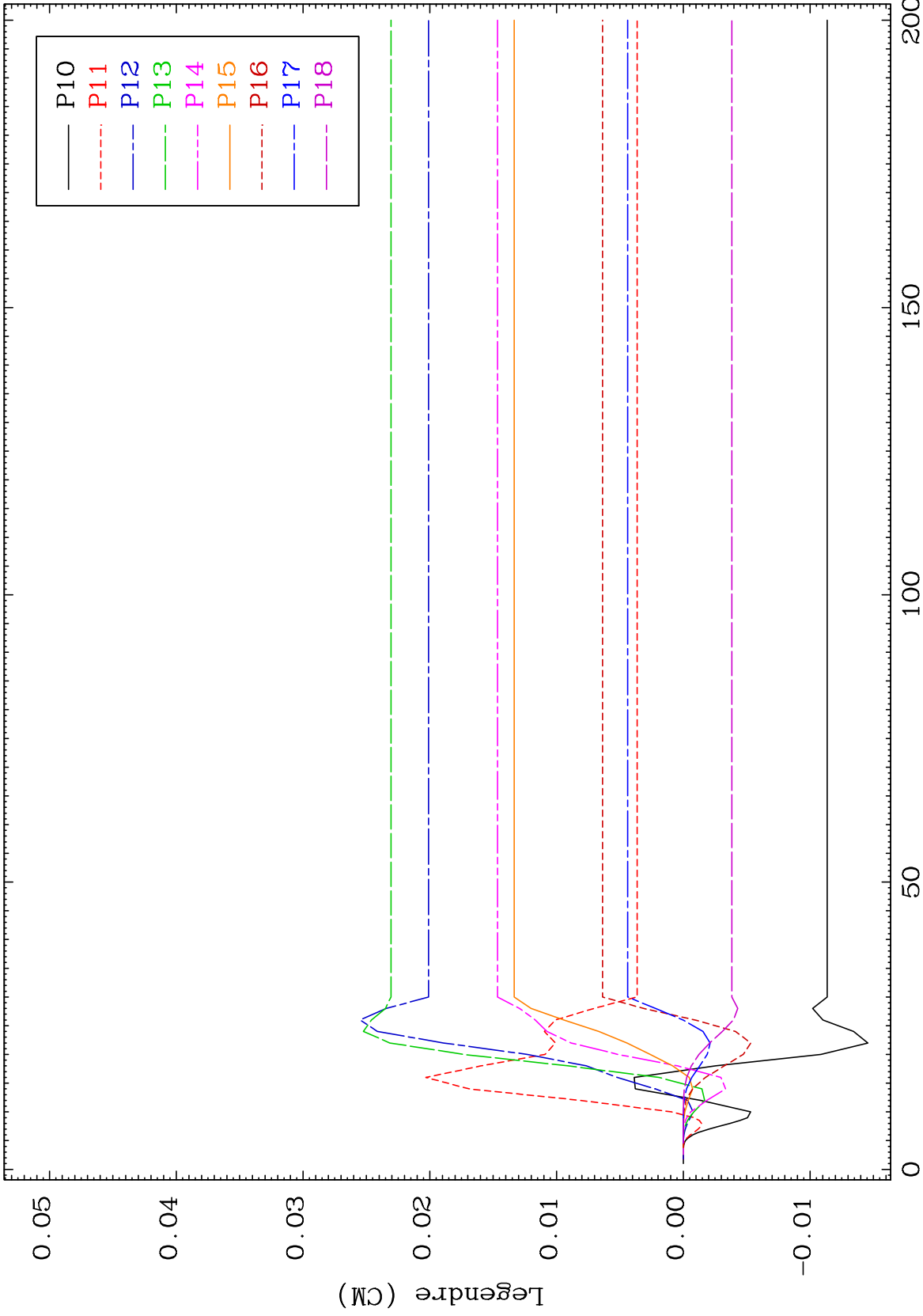
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



53

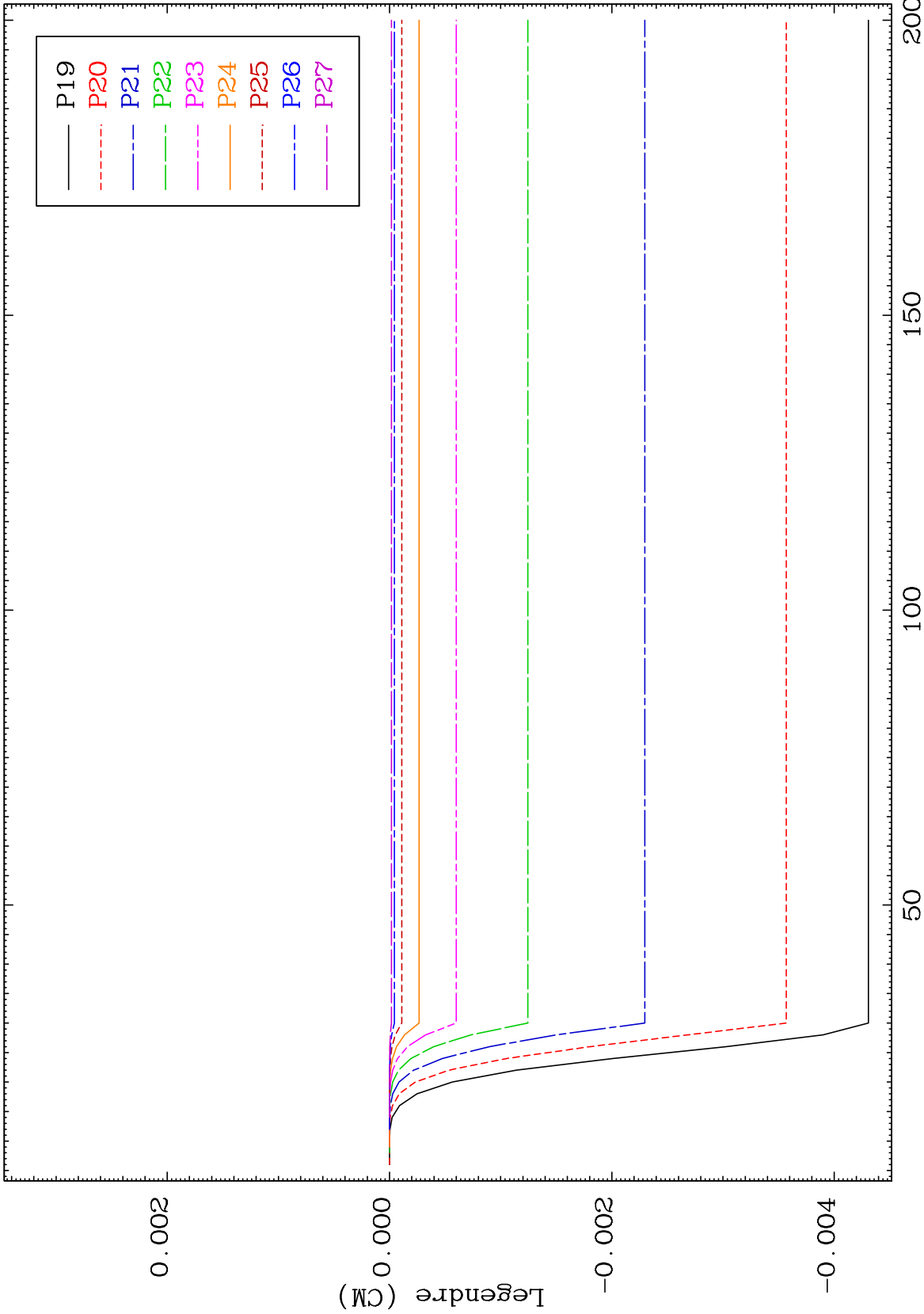
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



54

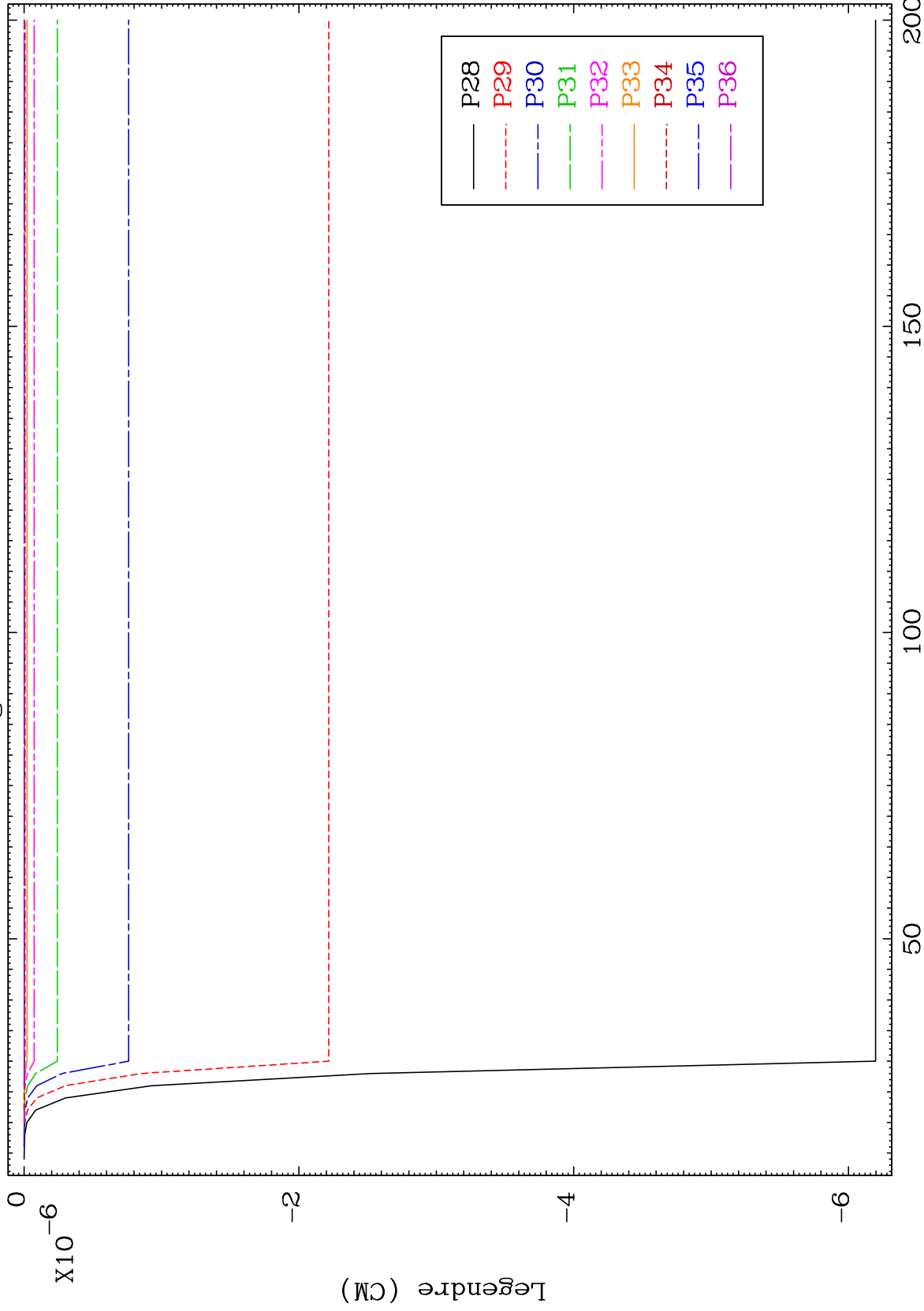
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

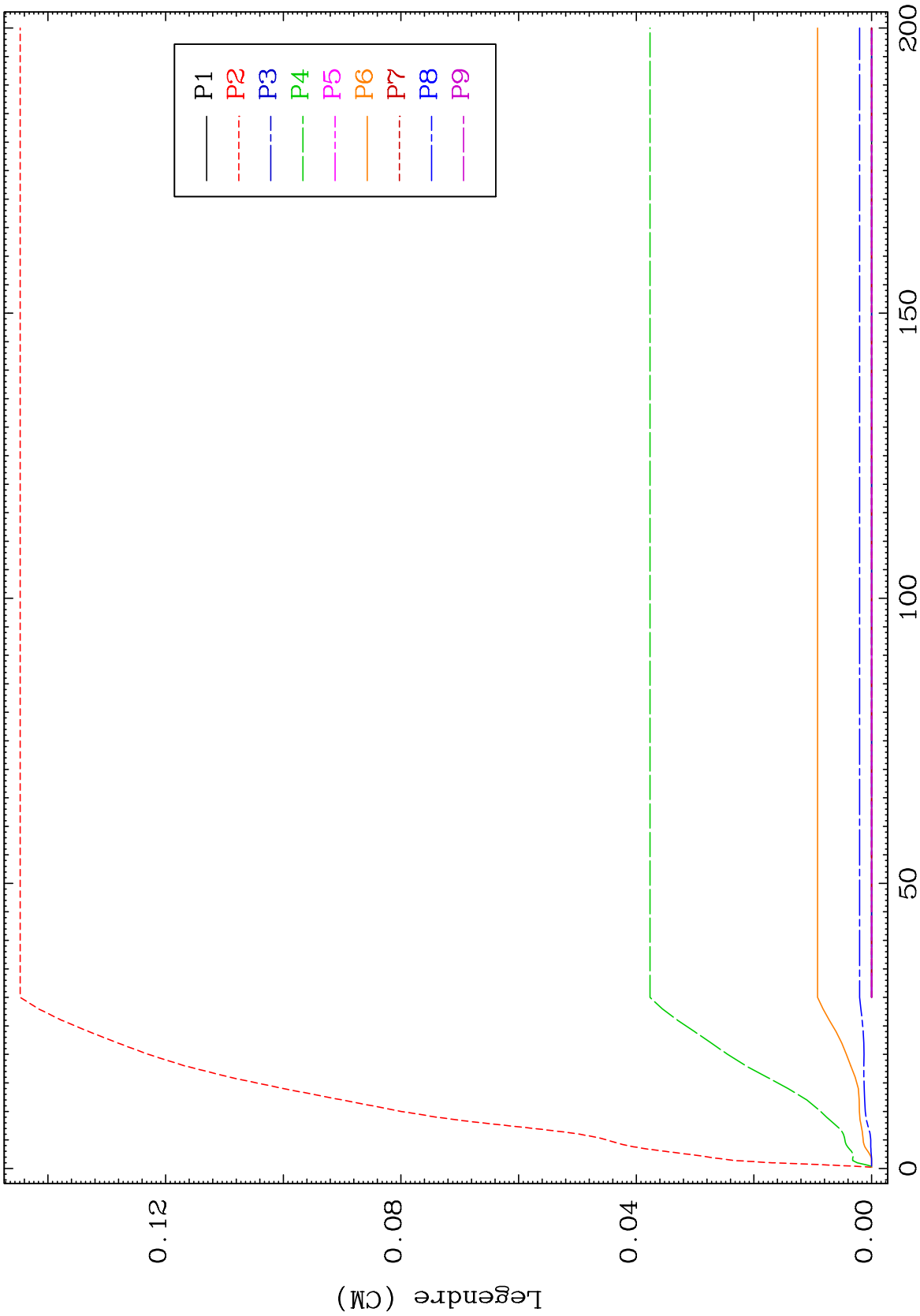
59-Pr-142



MAT 5928

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

59-Pr-142



56

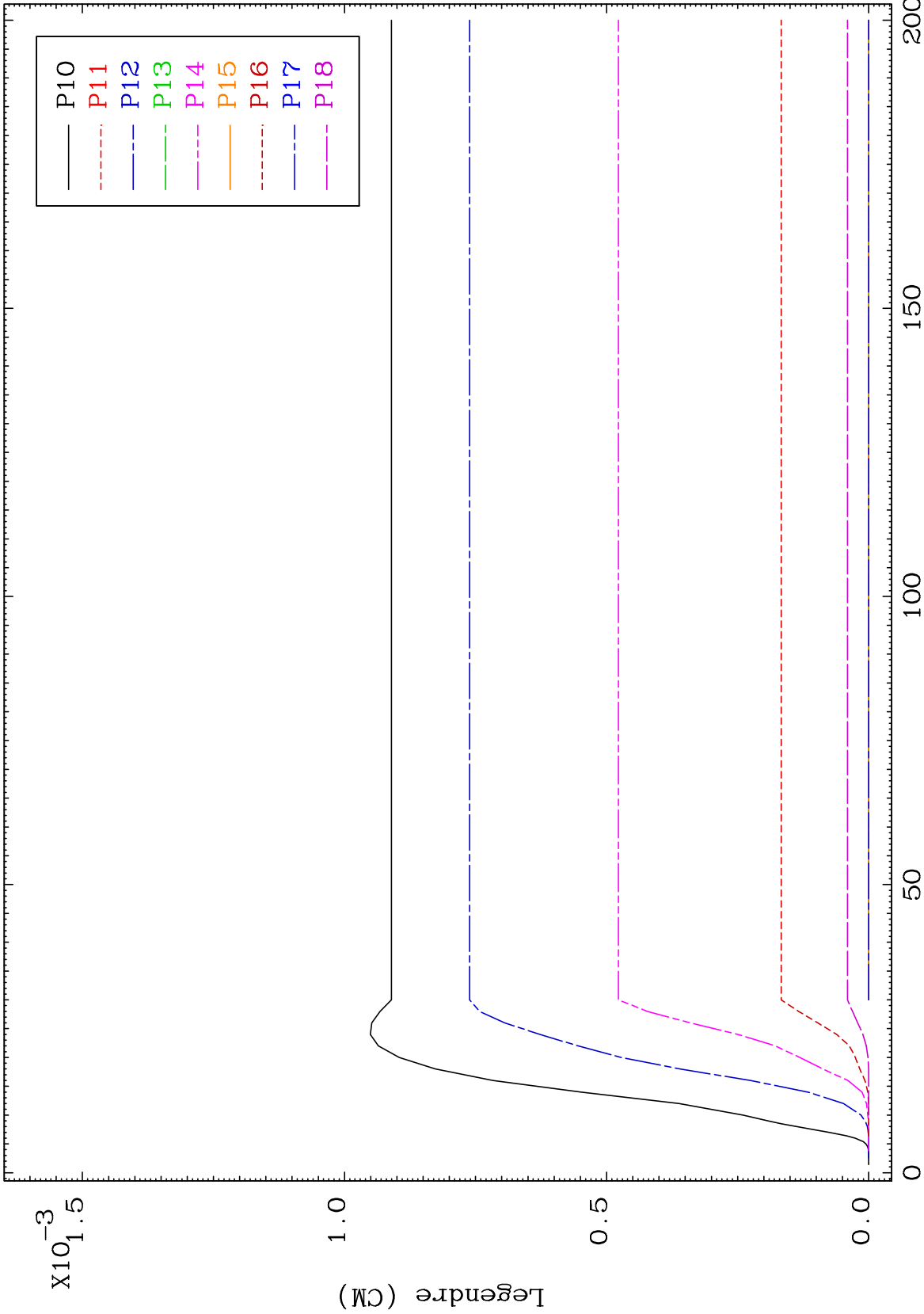
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



57

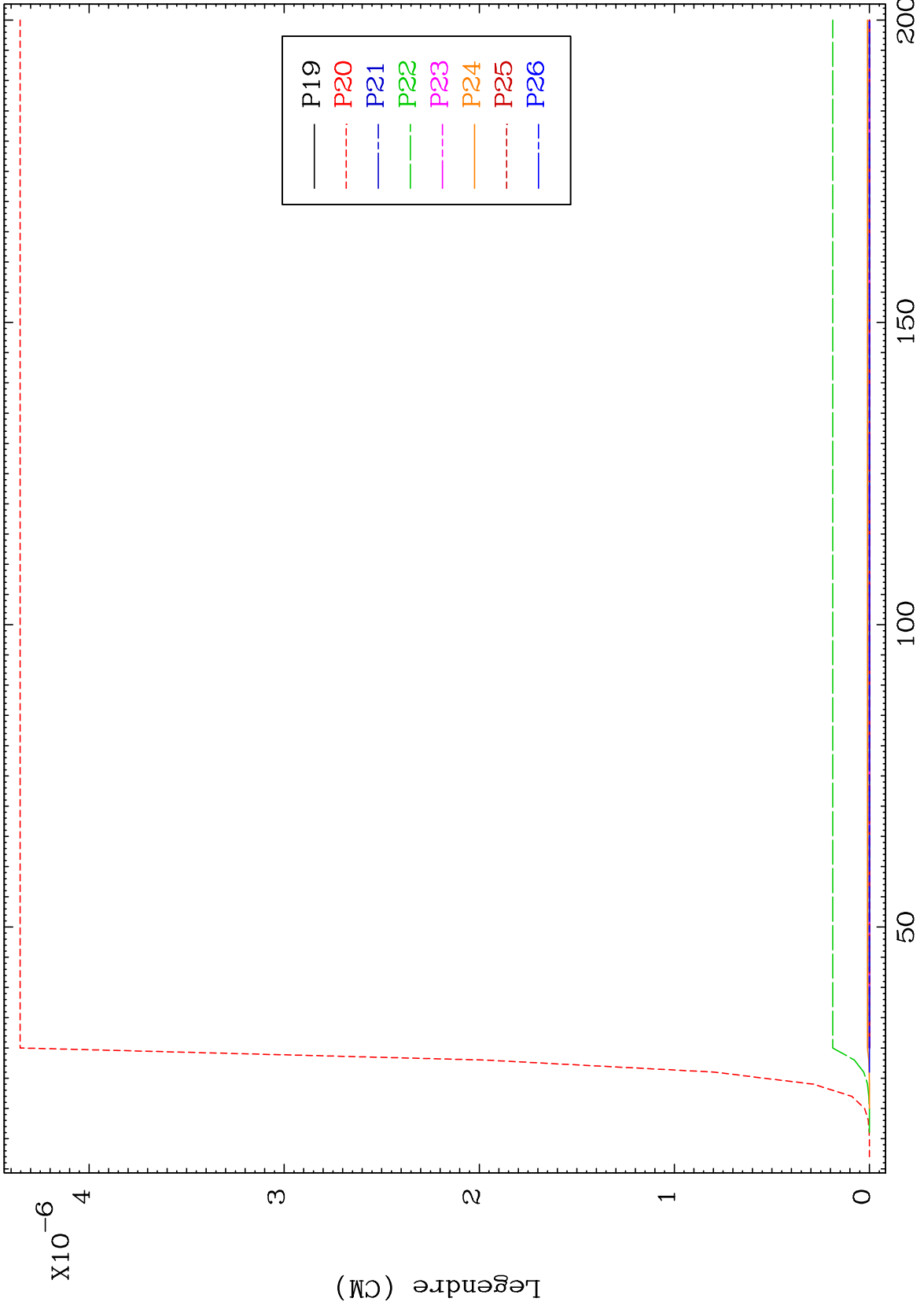
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



58

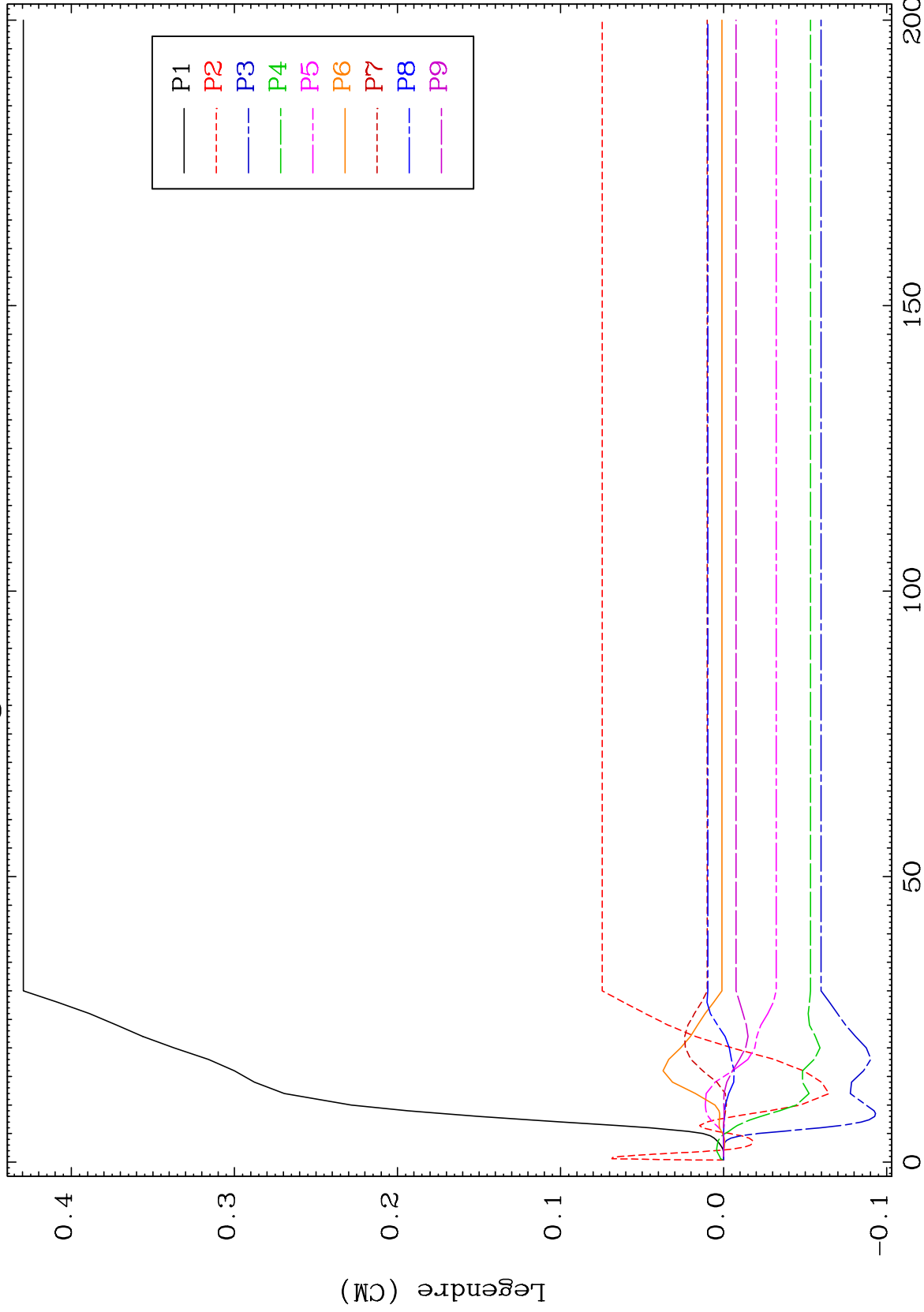
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



59

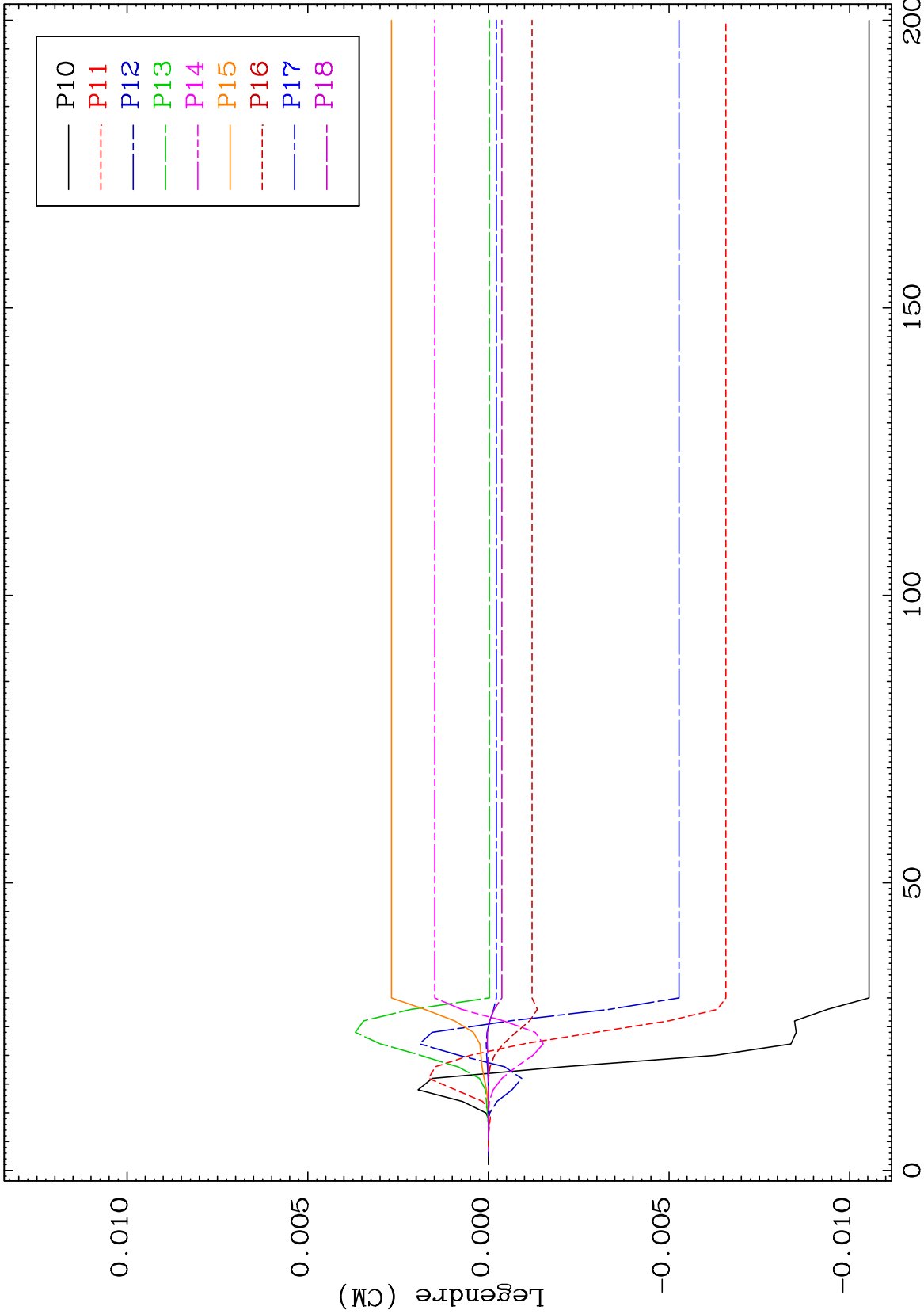
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

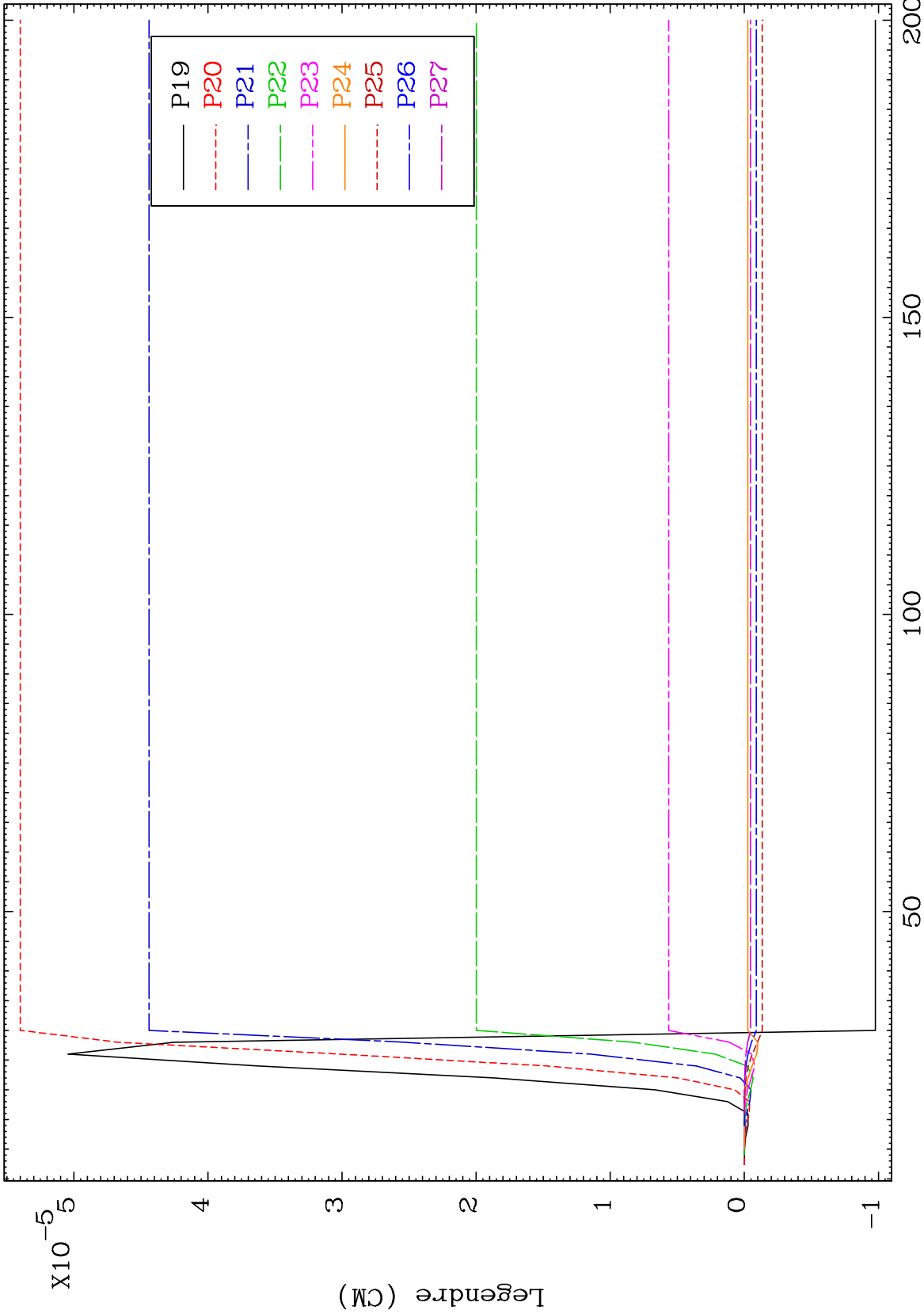
59-Pr-142



60

Incident Energy (MeV)

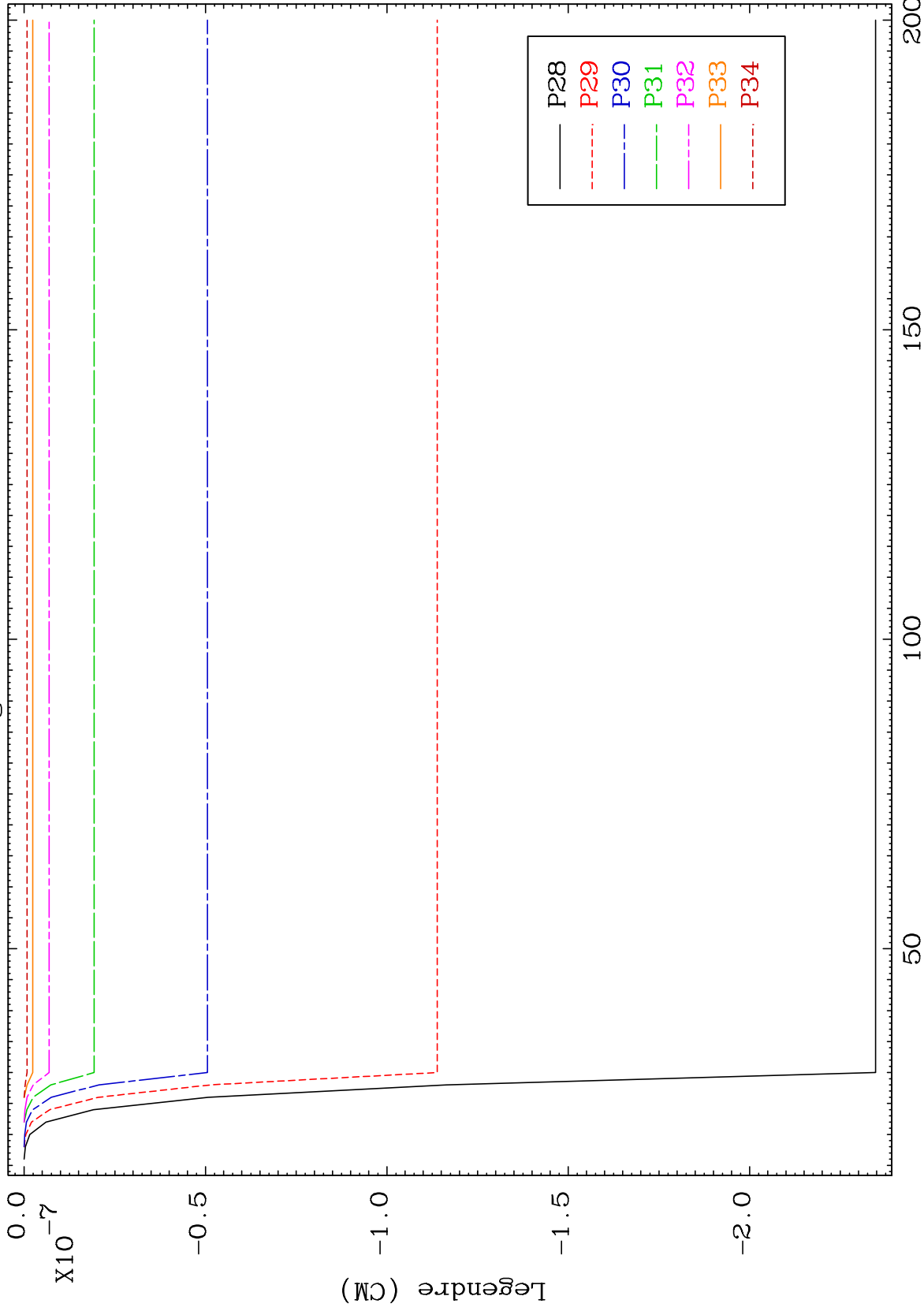
59-Pr-142



MAT 5928

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

59-Pr-142



62

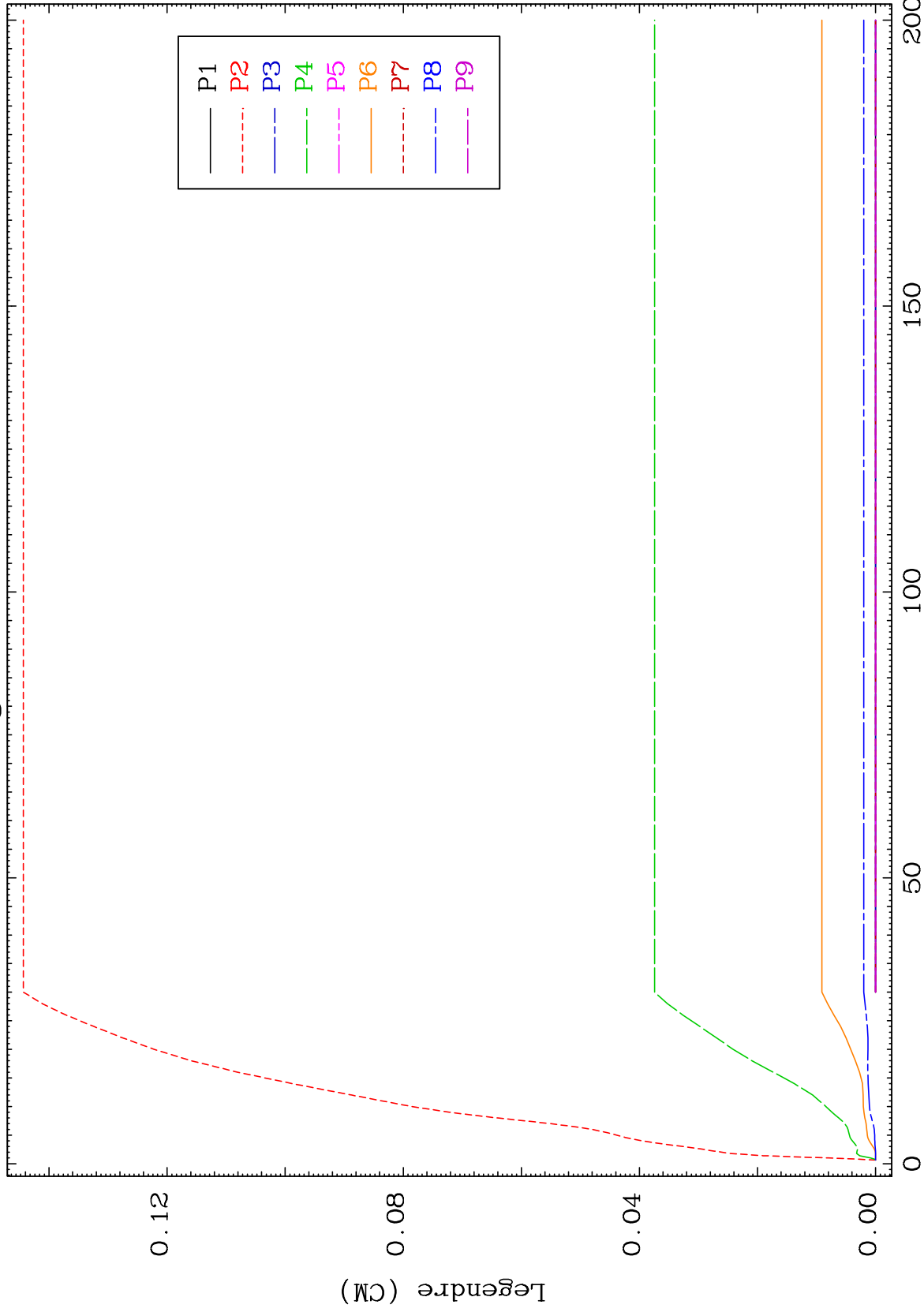
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

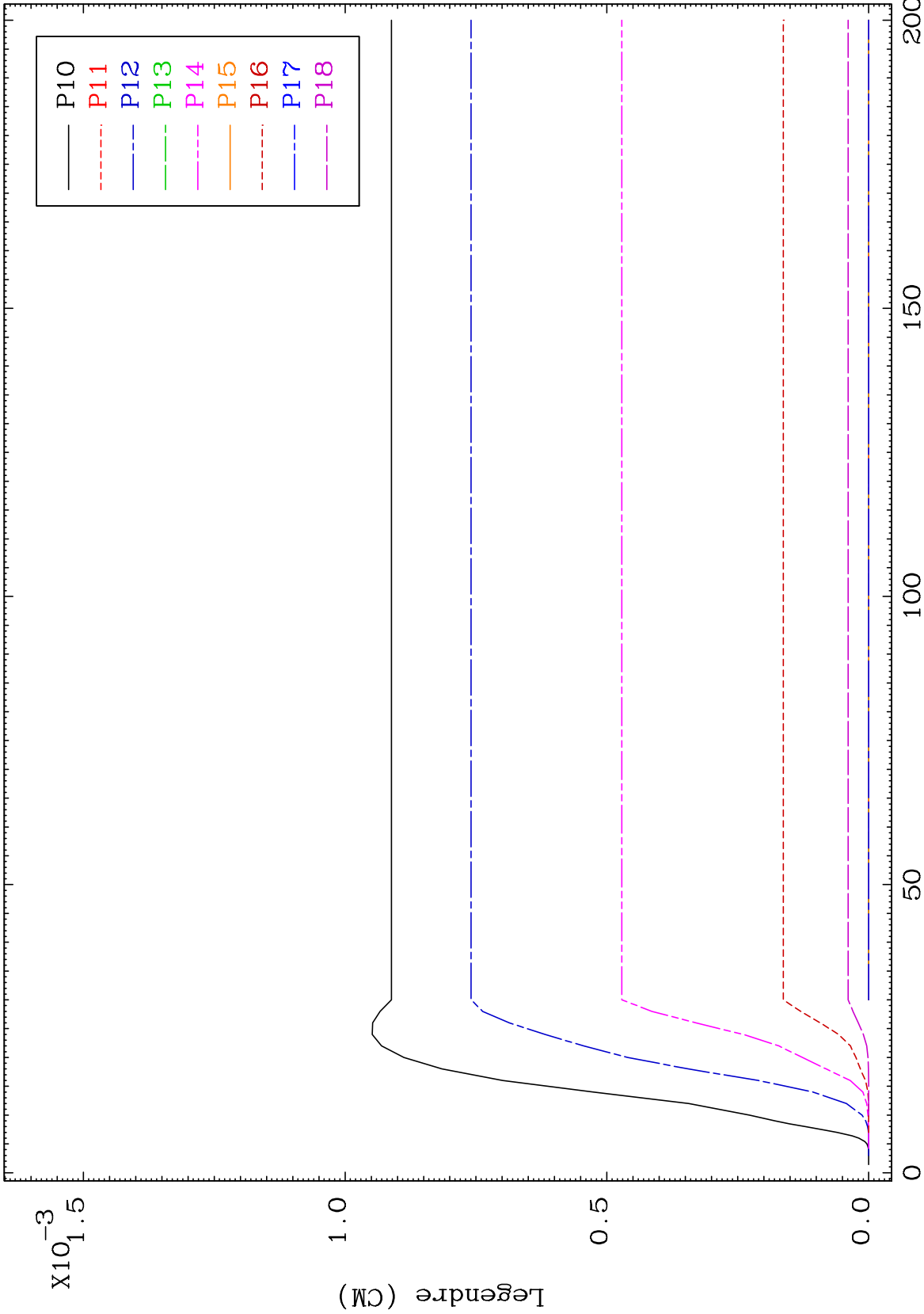
59-Pr-142



63

Incident Energy (MeV)

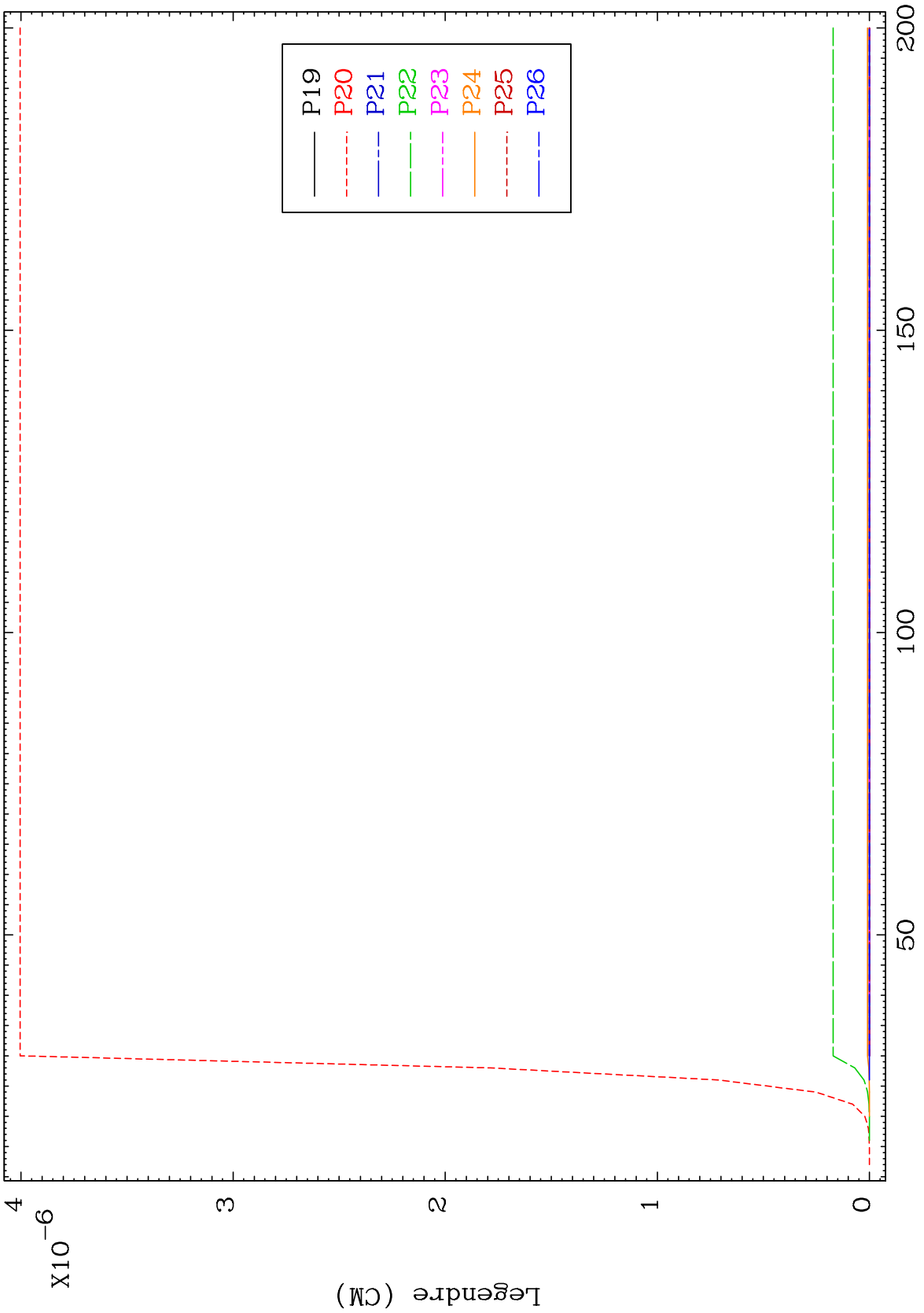
59-Pr-142



MAT 5928

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

59-Pr-142



65

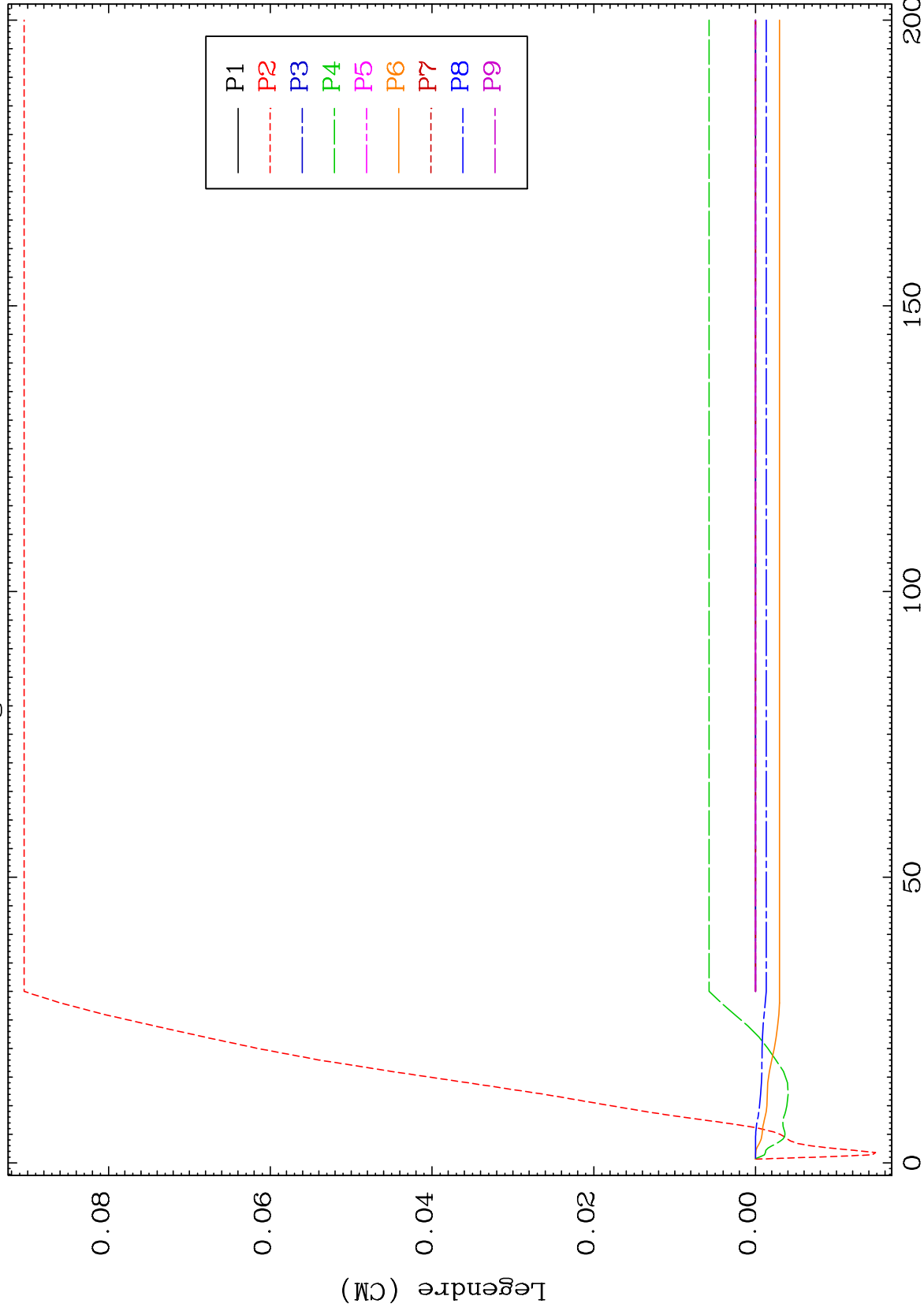
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



66

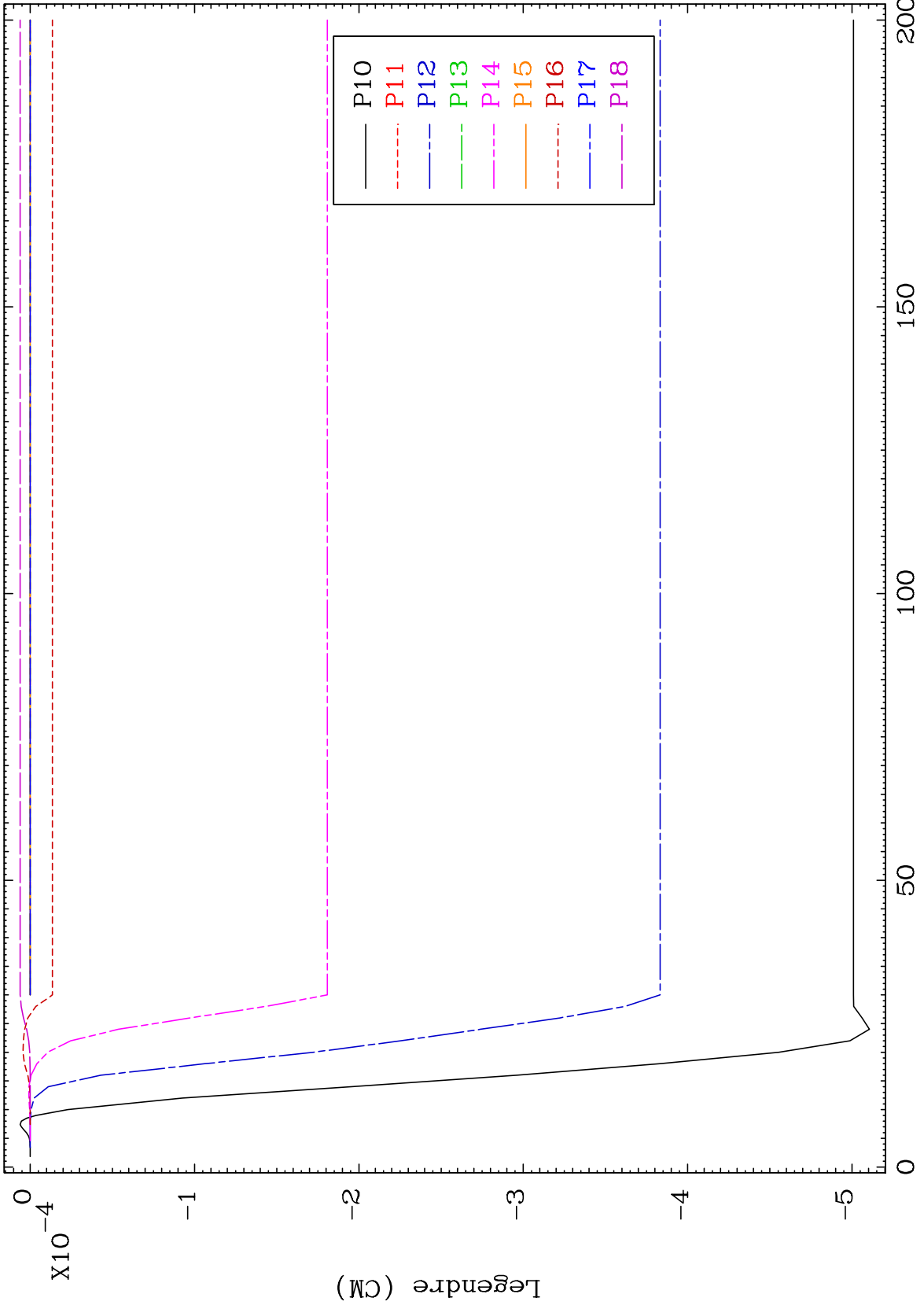
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



67

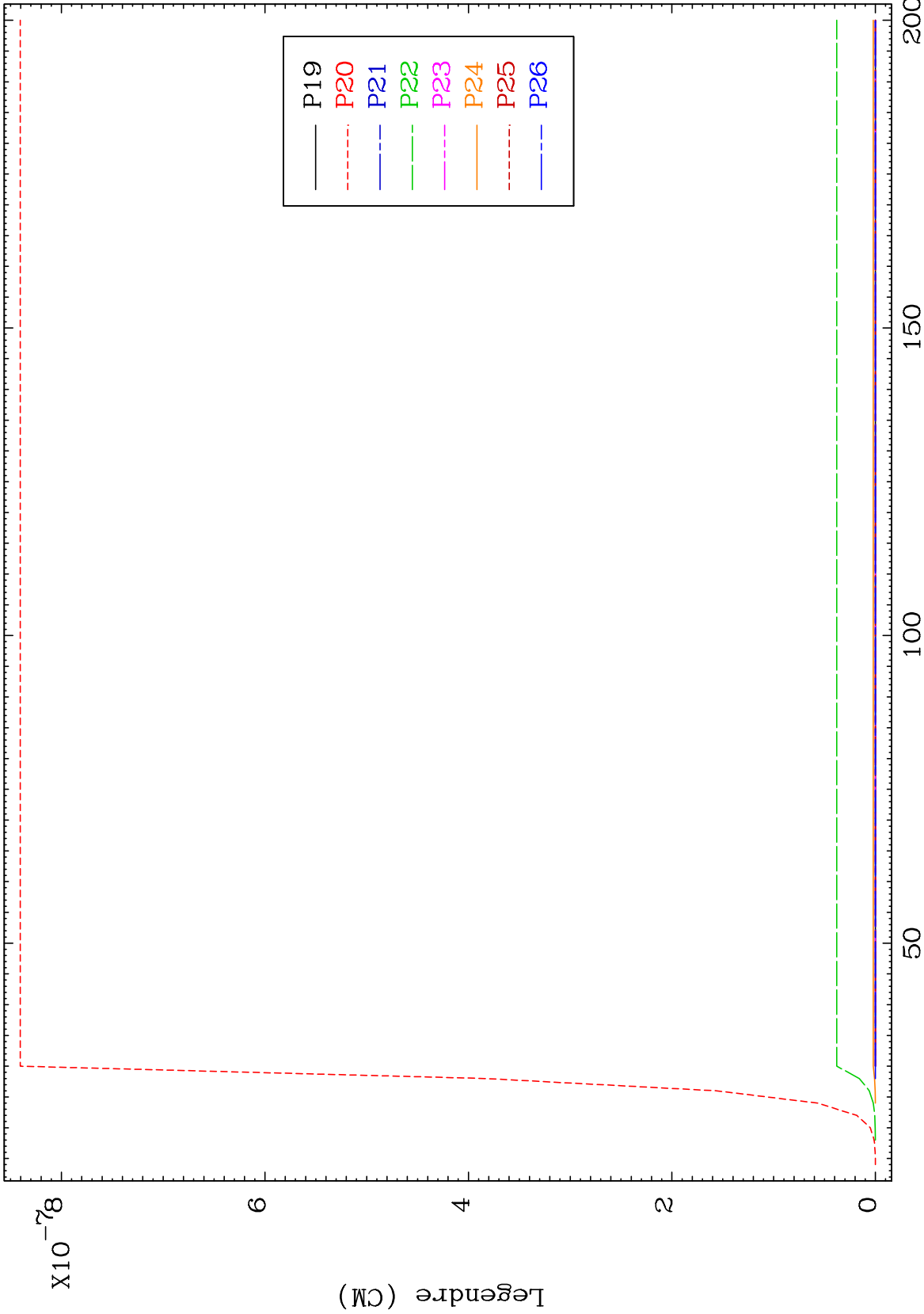
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



68

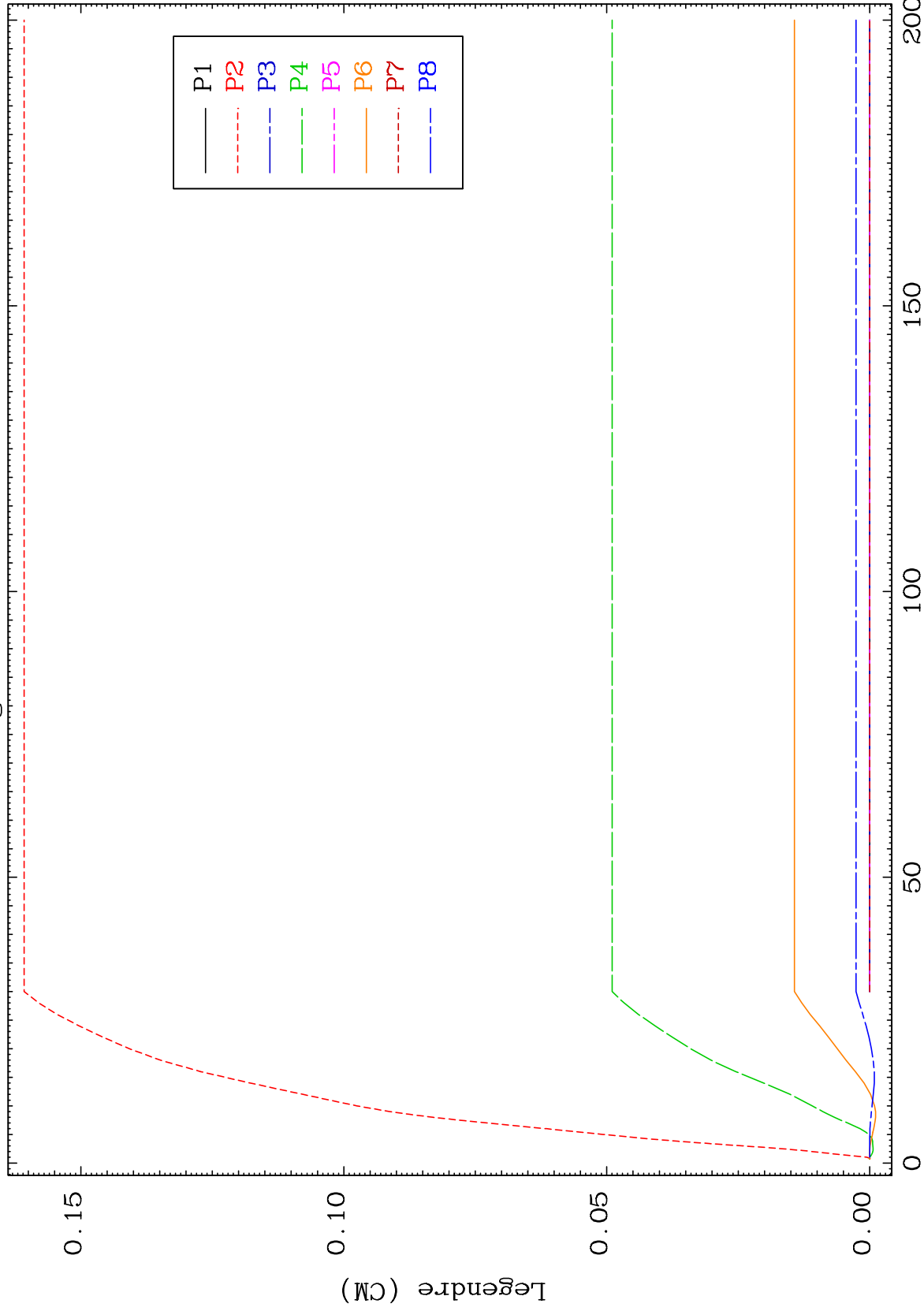
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



69

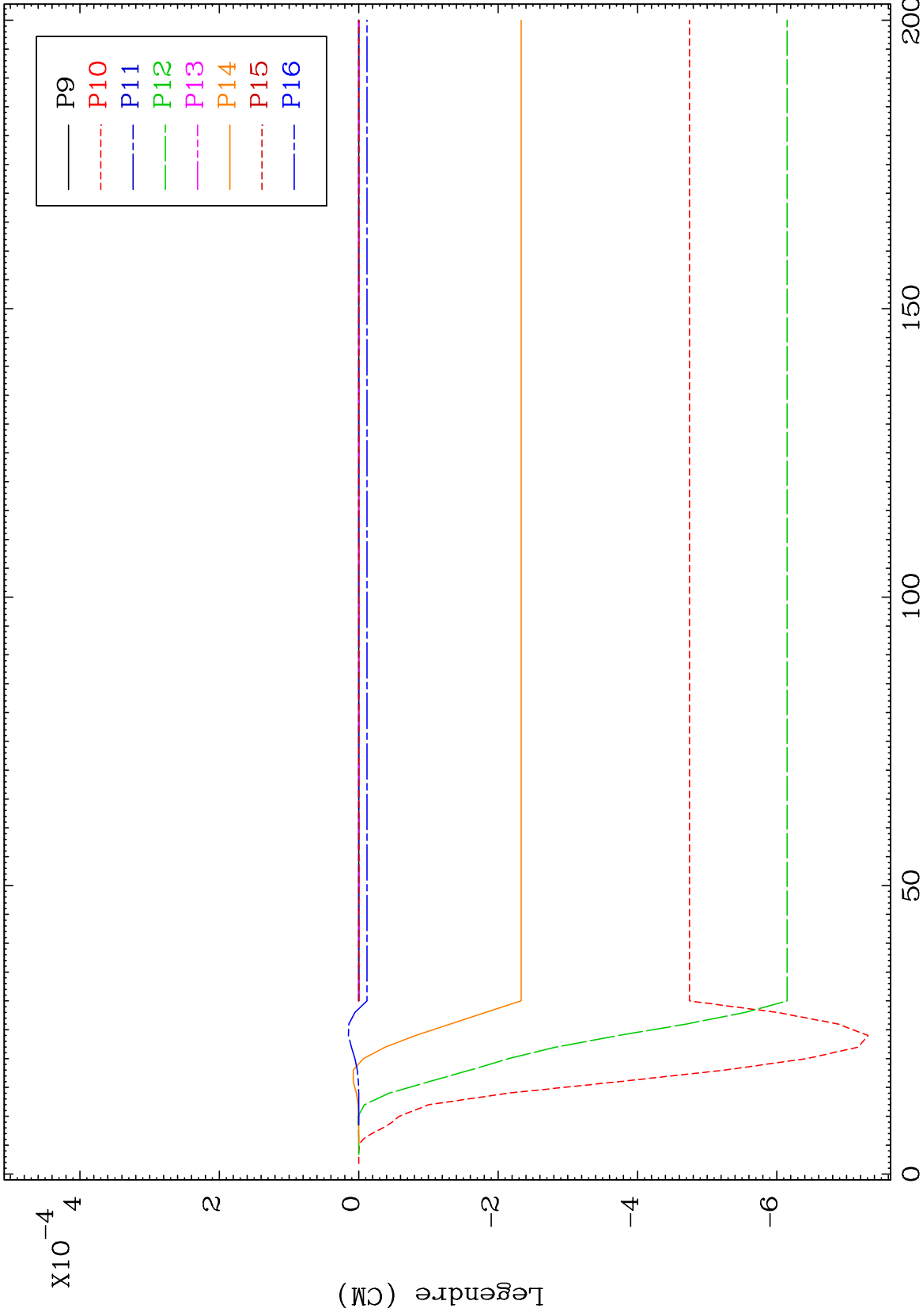
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



70

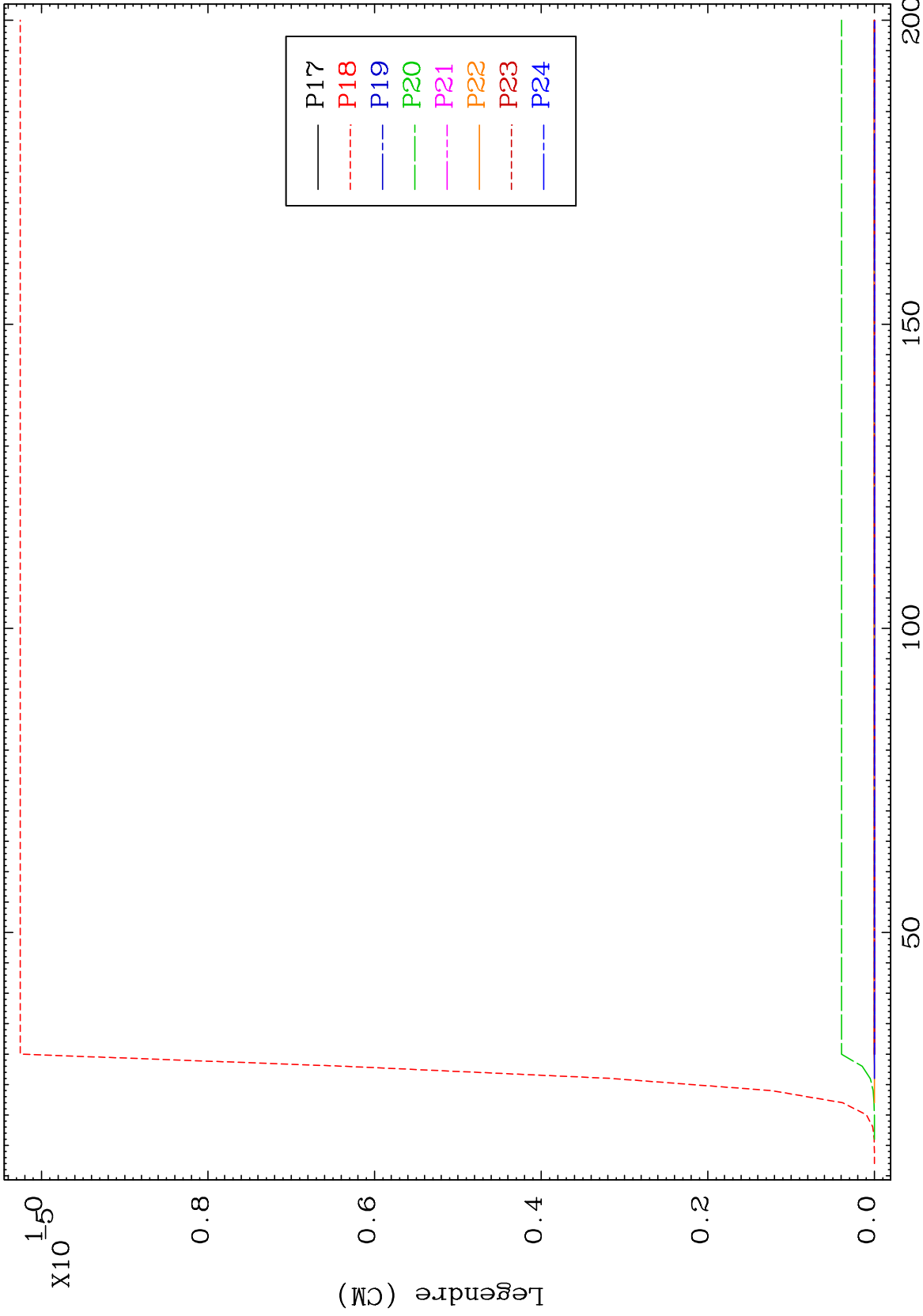
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



71

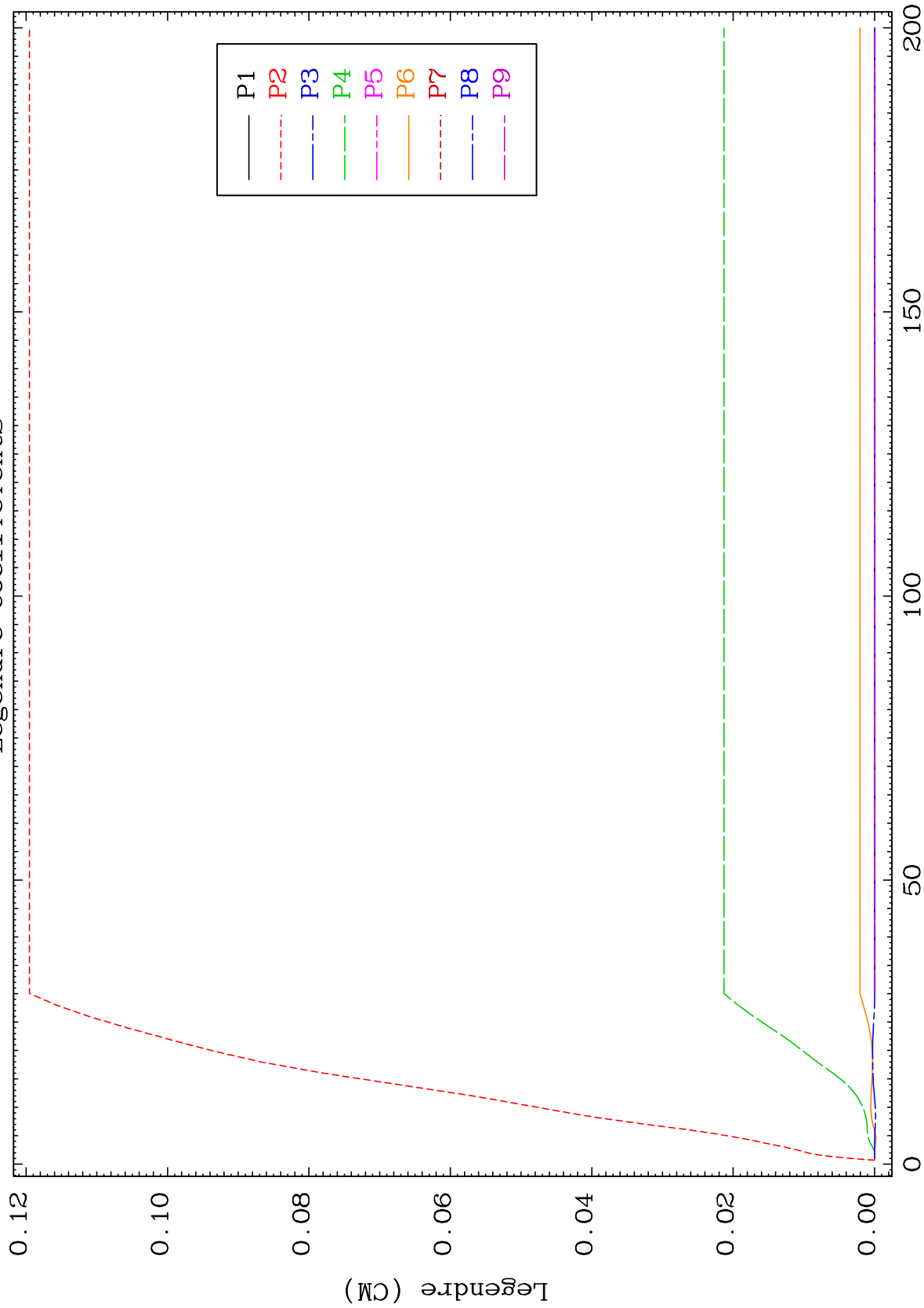
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

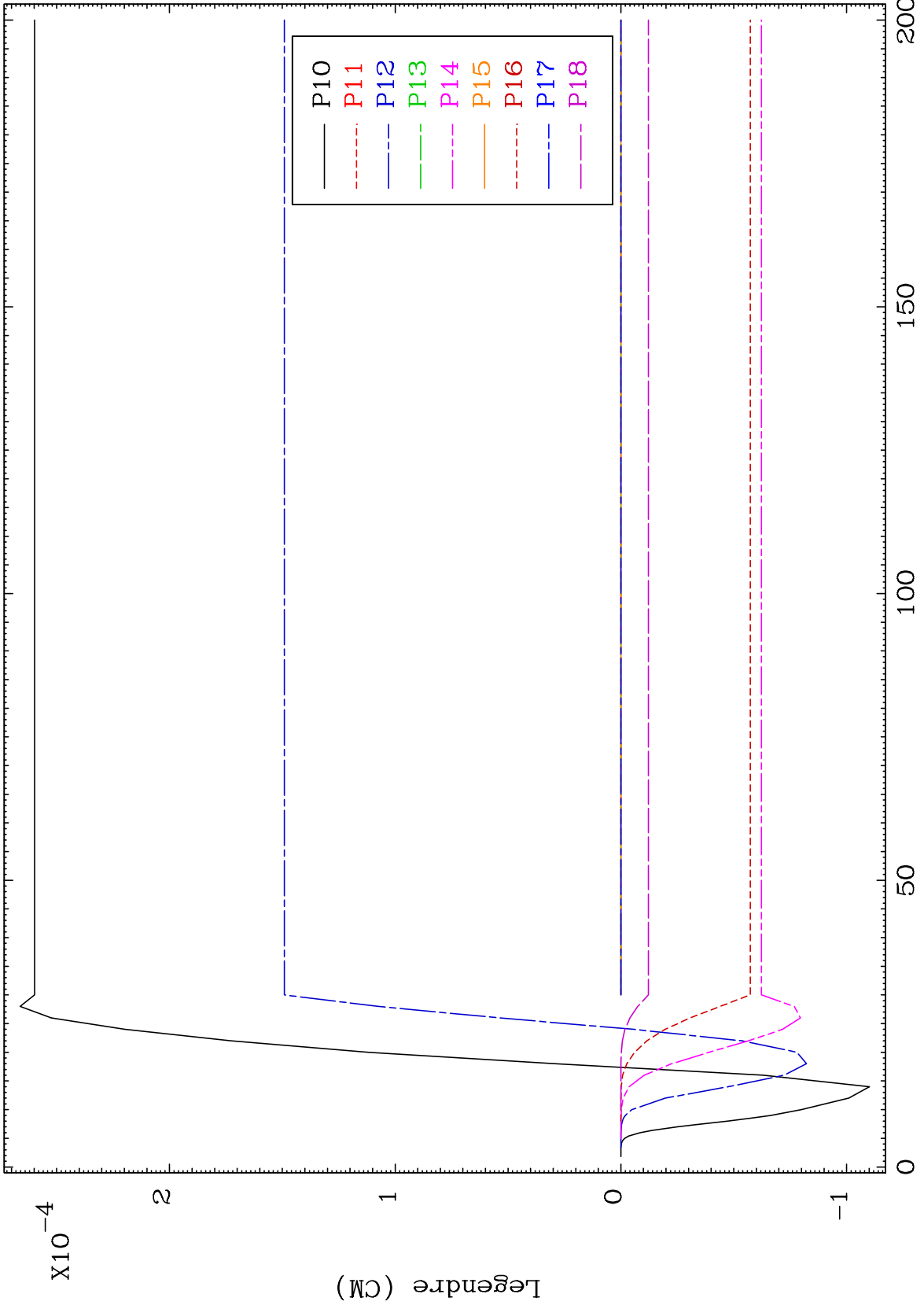
59-Pr-142



72

Incident Energy (MeV)

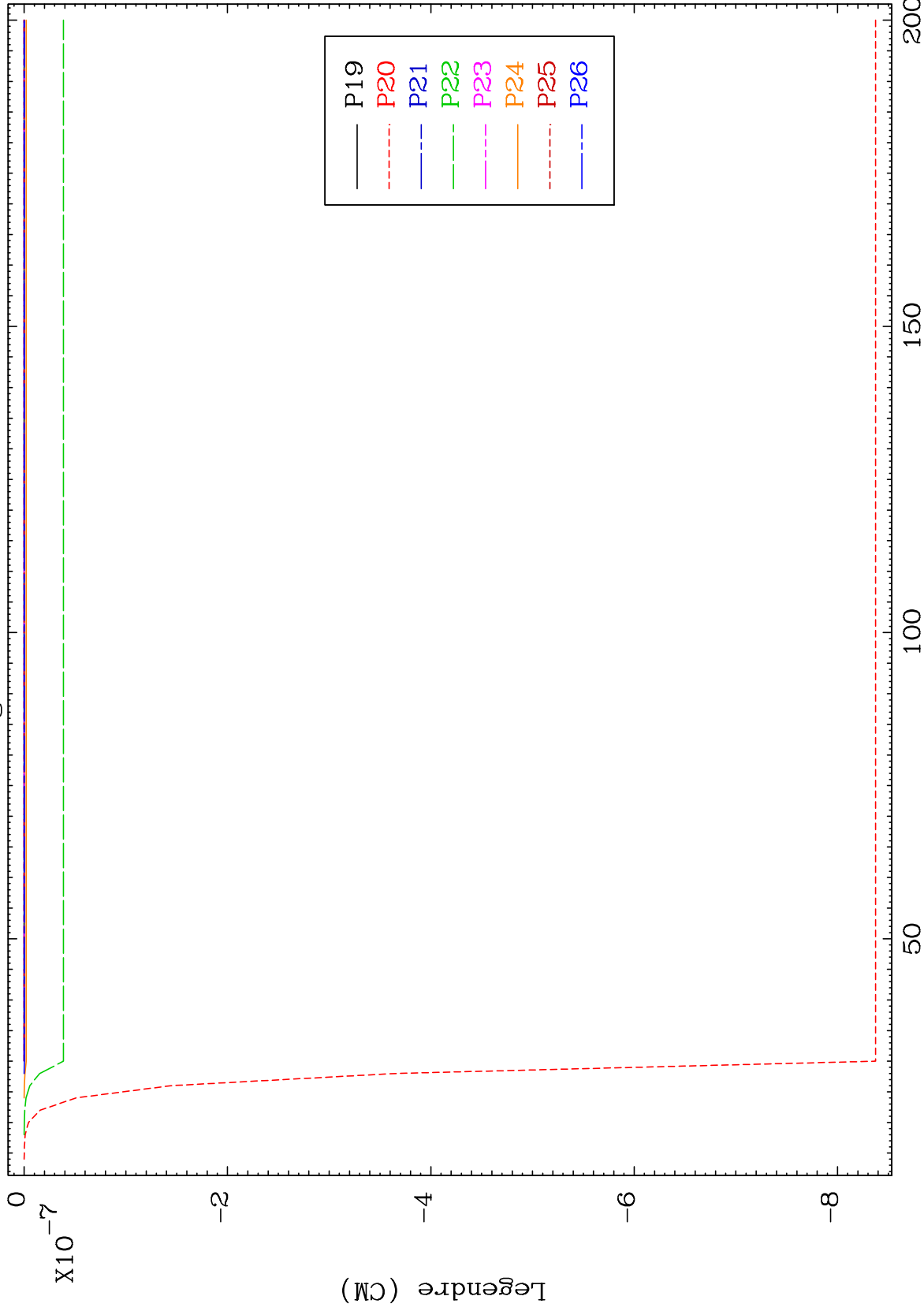
59-Pr-142



MAT 5928

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

59-Pr-142



74

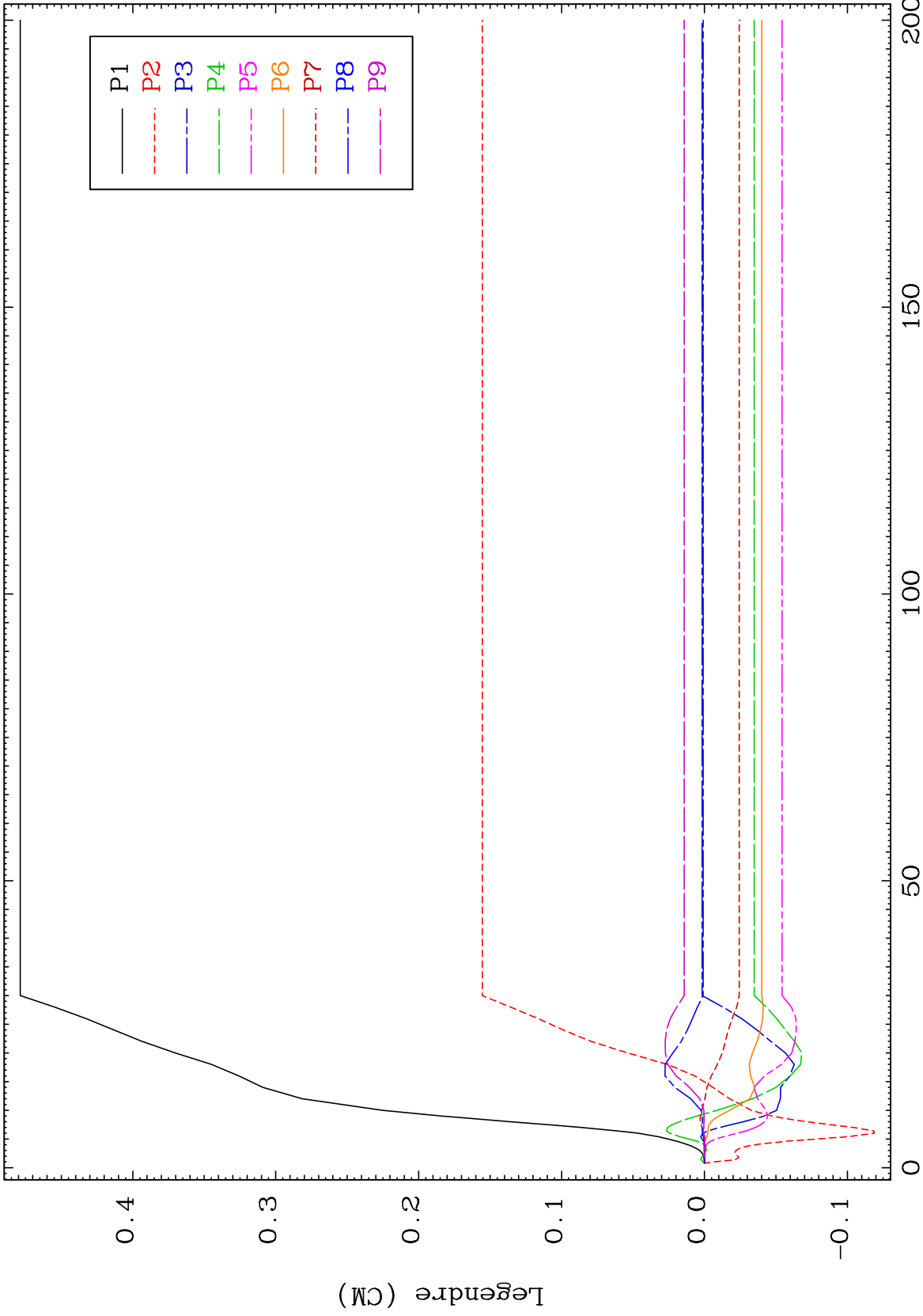
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



75

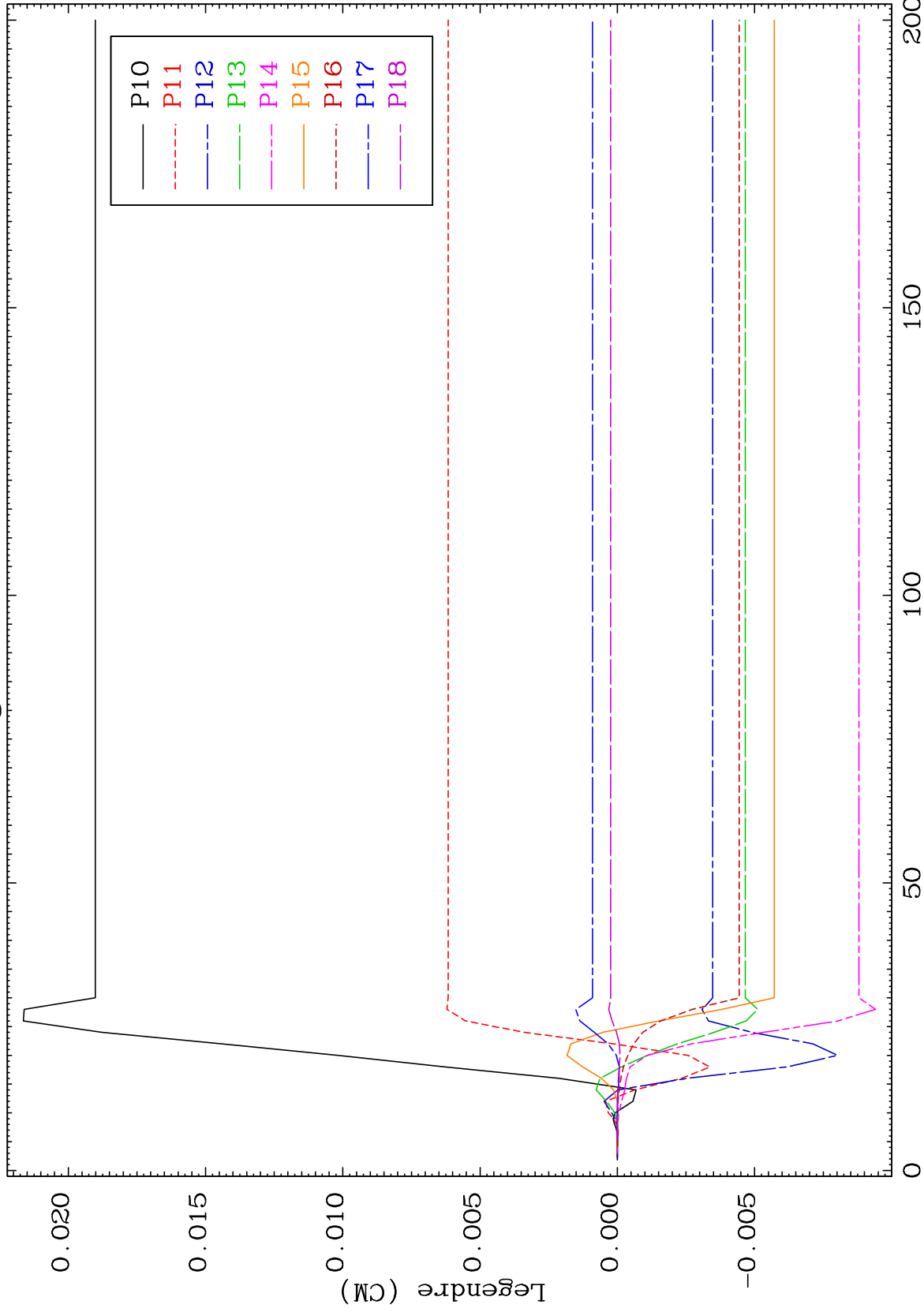
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

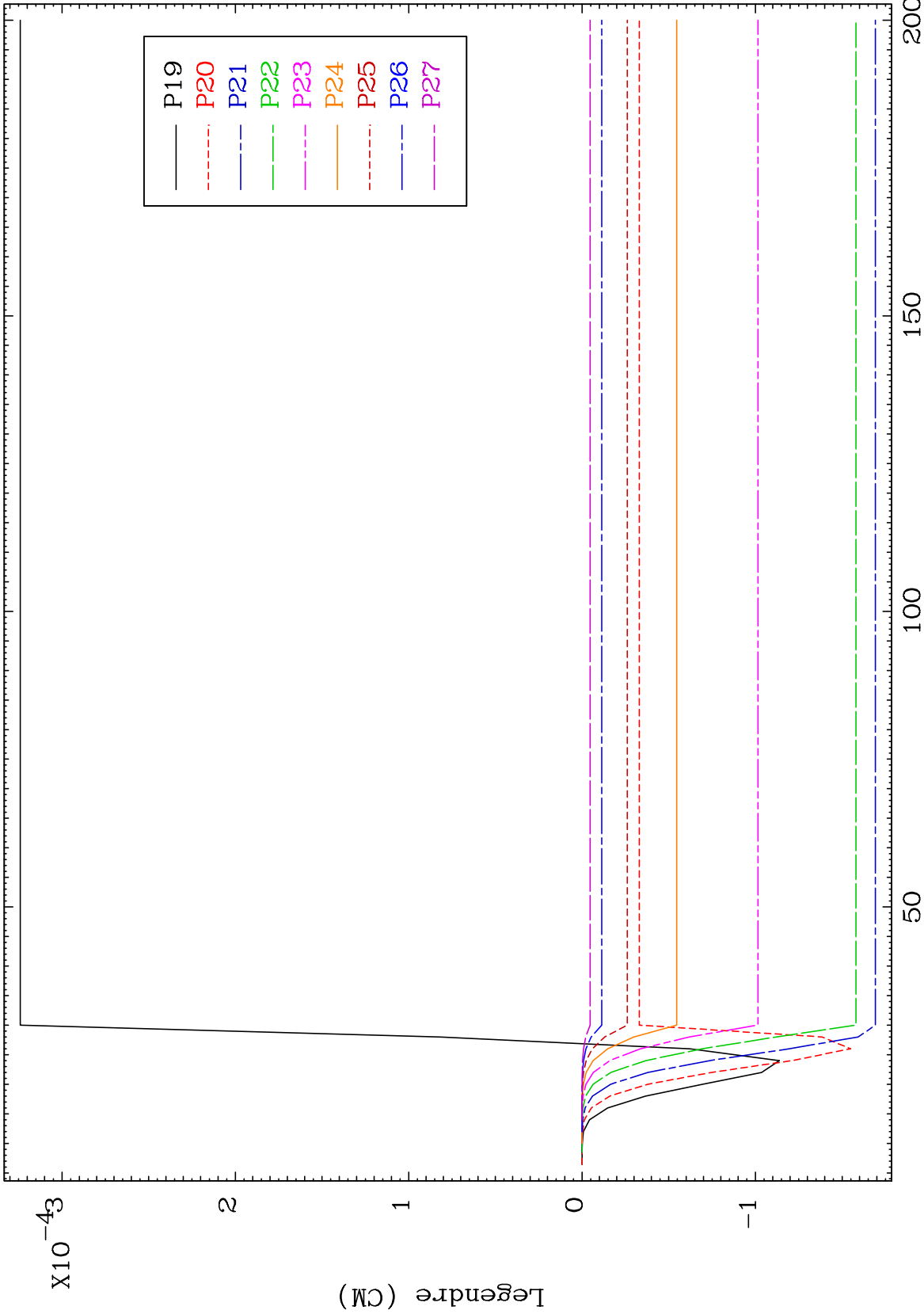
59-Pr-142



76

Incident Energy (MeV)

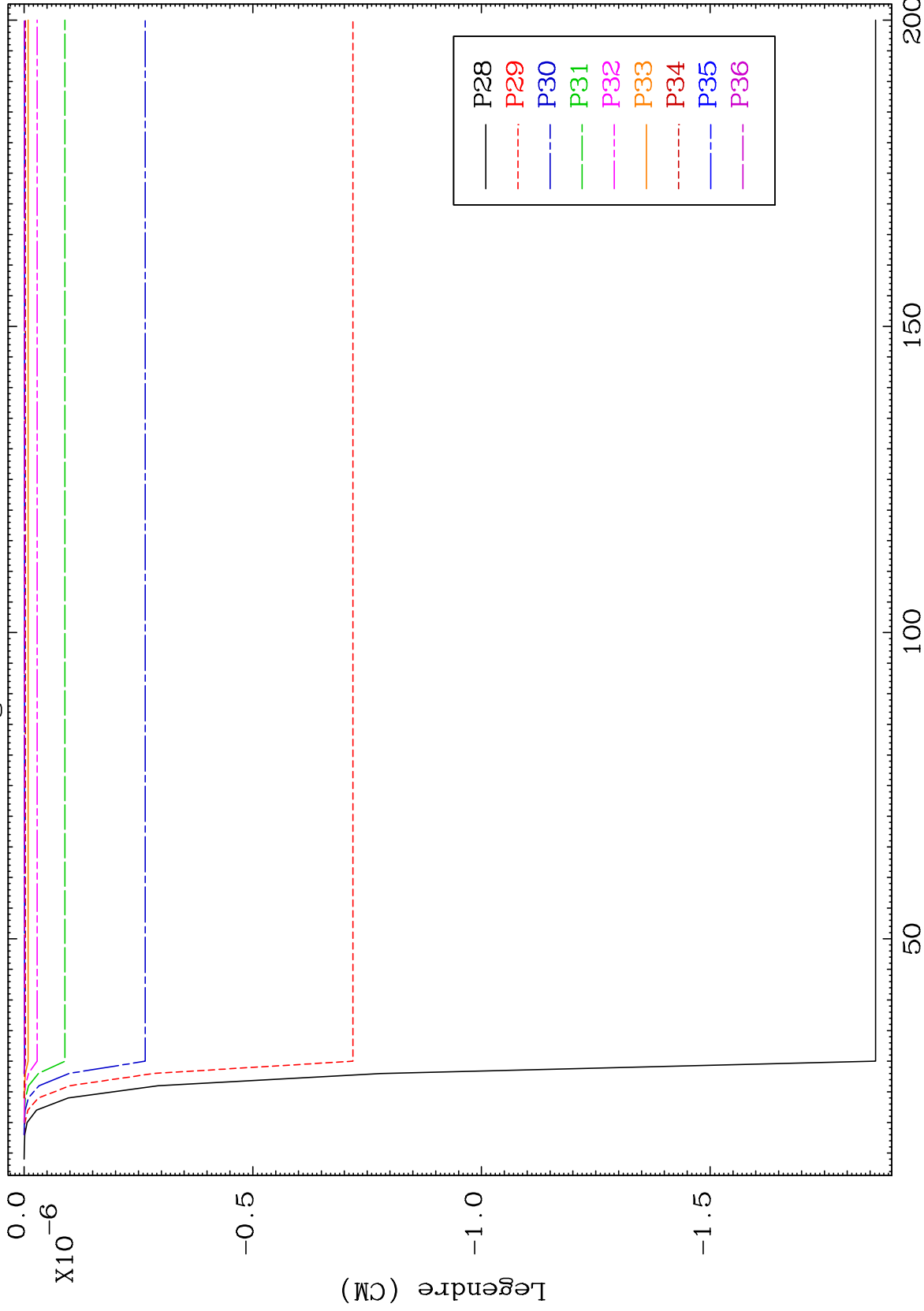
59-Pr-142



MAT 5928

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

59-Pr-142



78

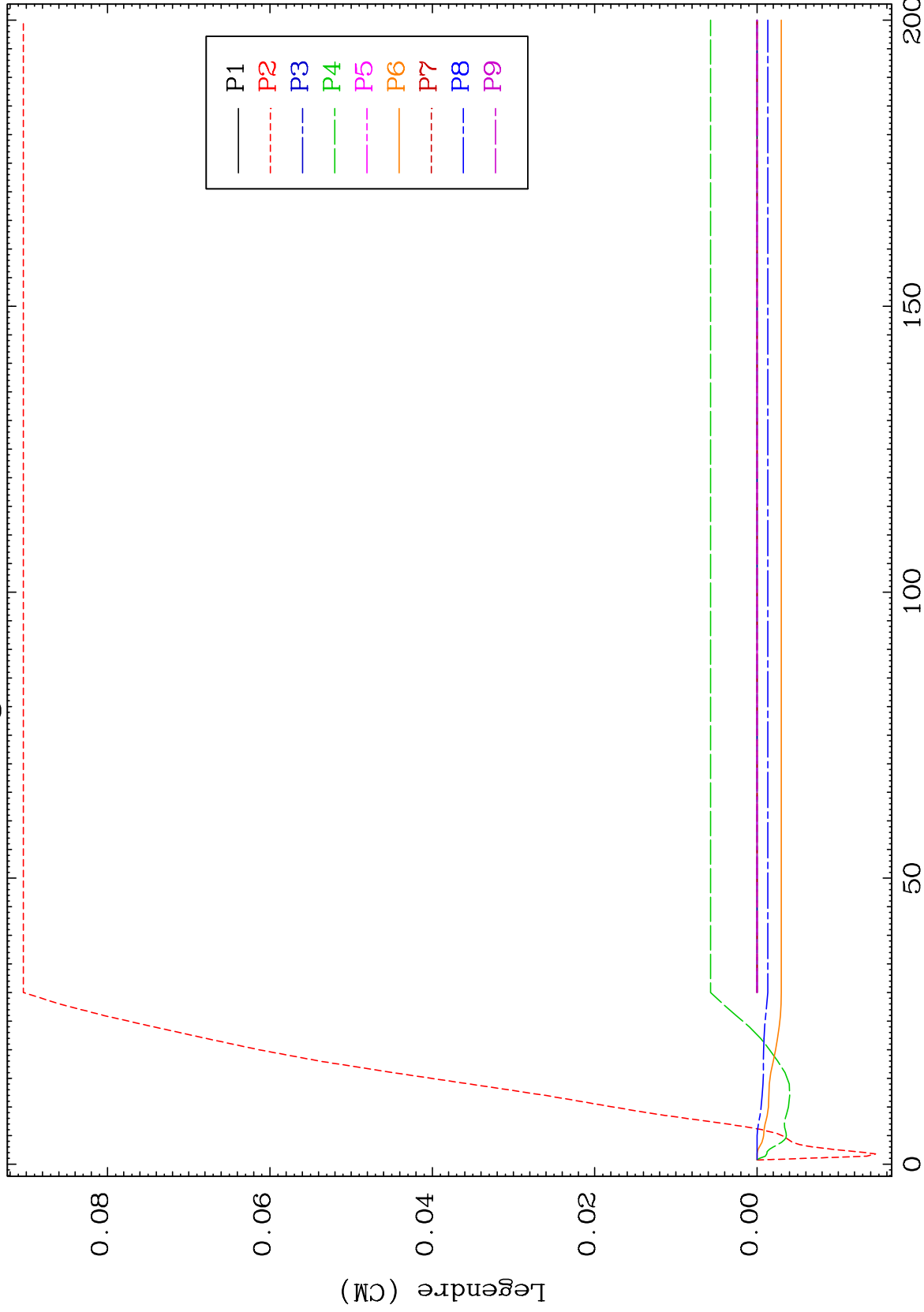
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



79

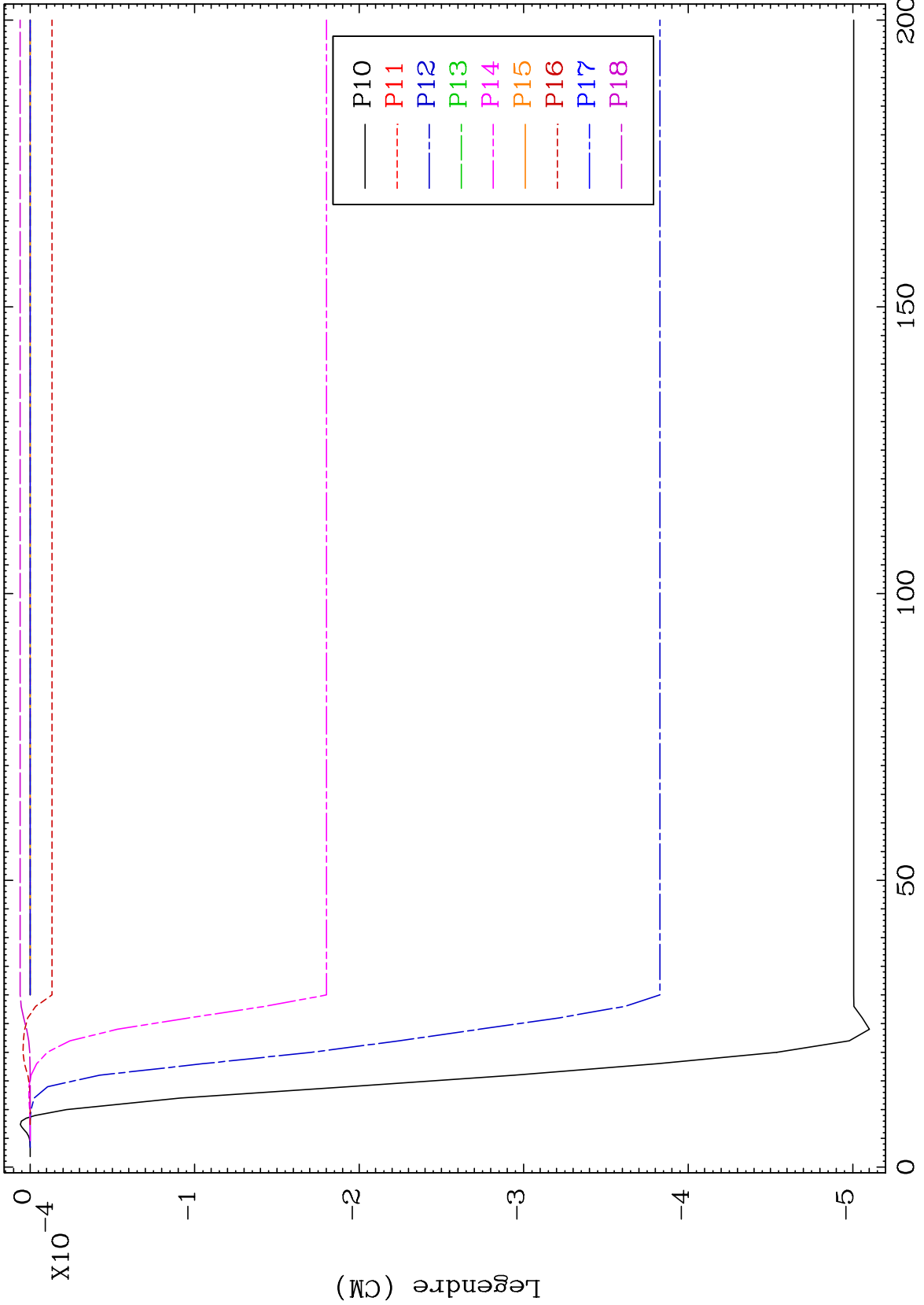
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



80

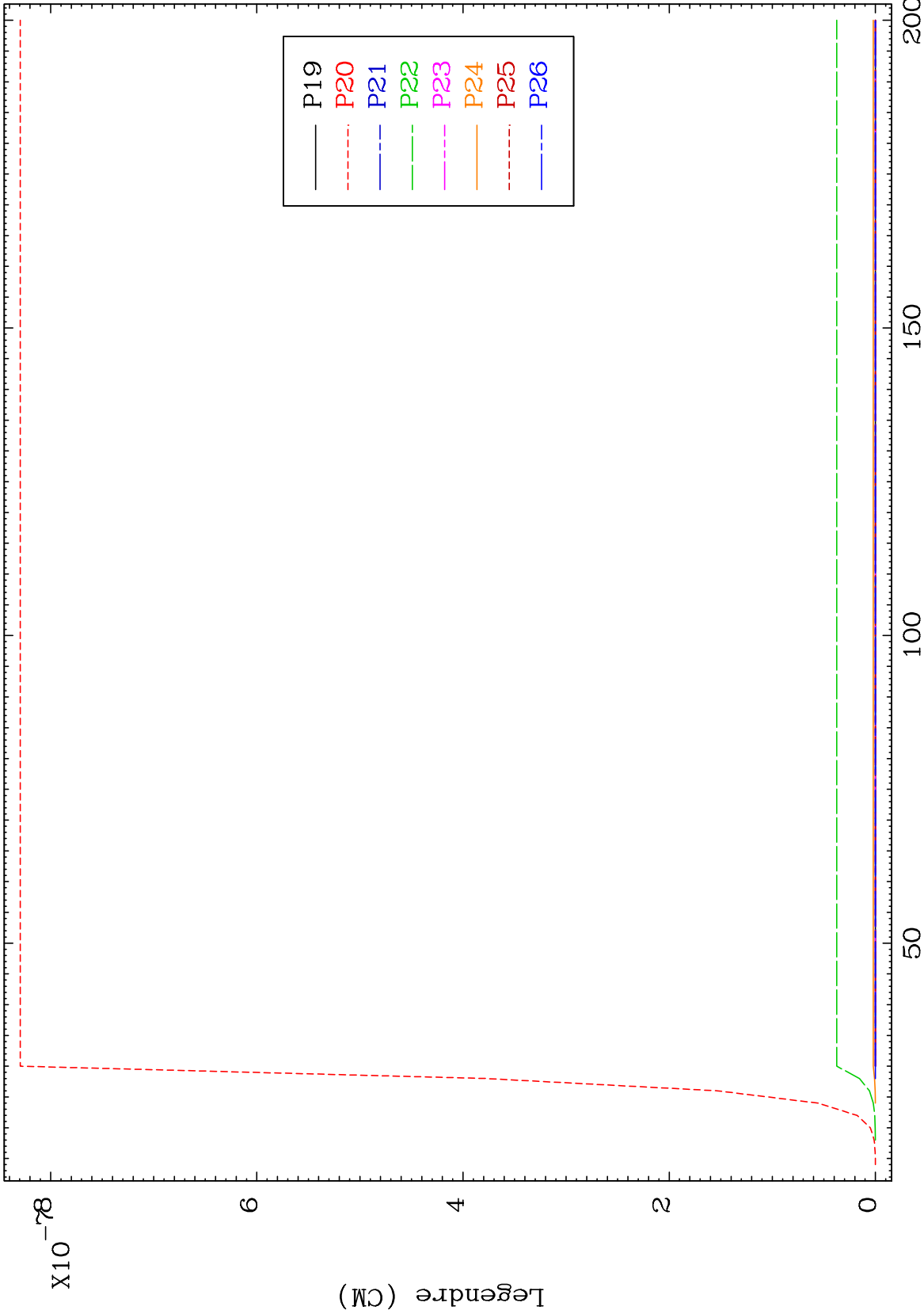
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



81

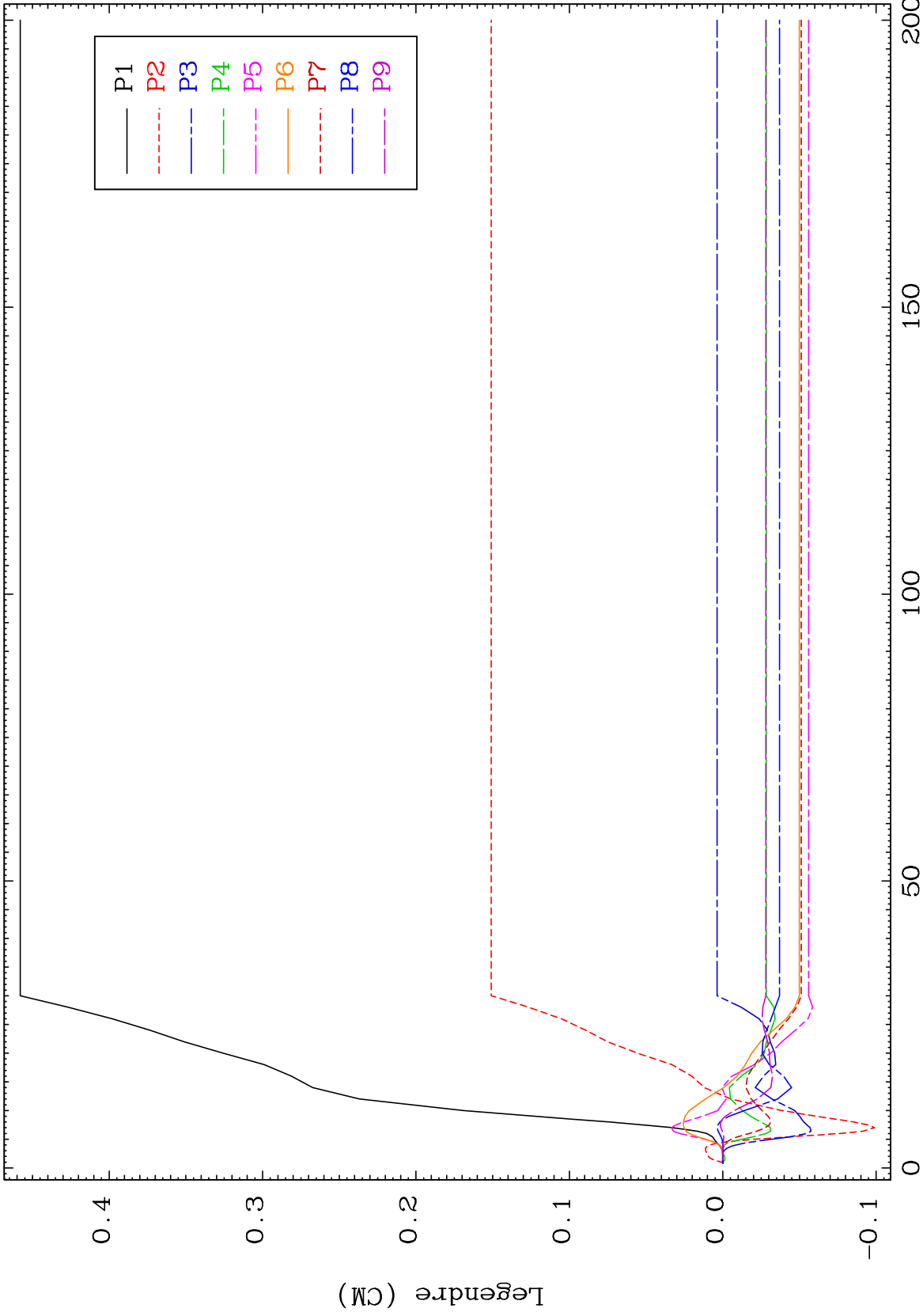
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



82

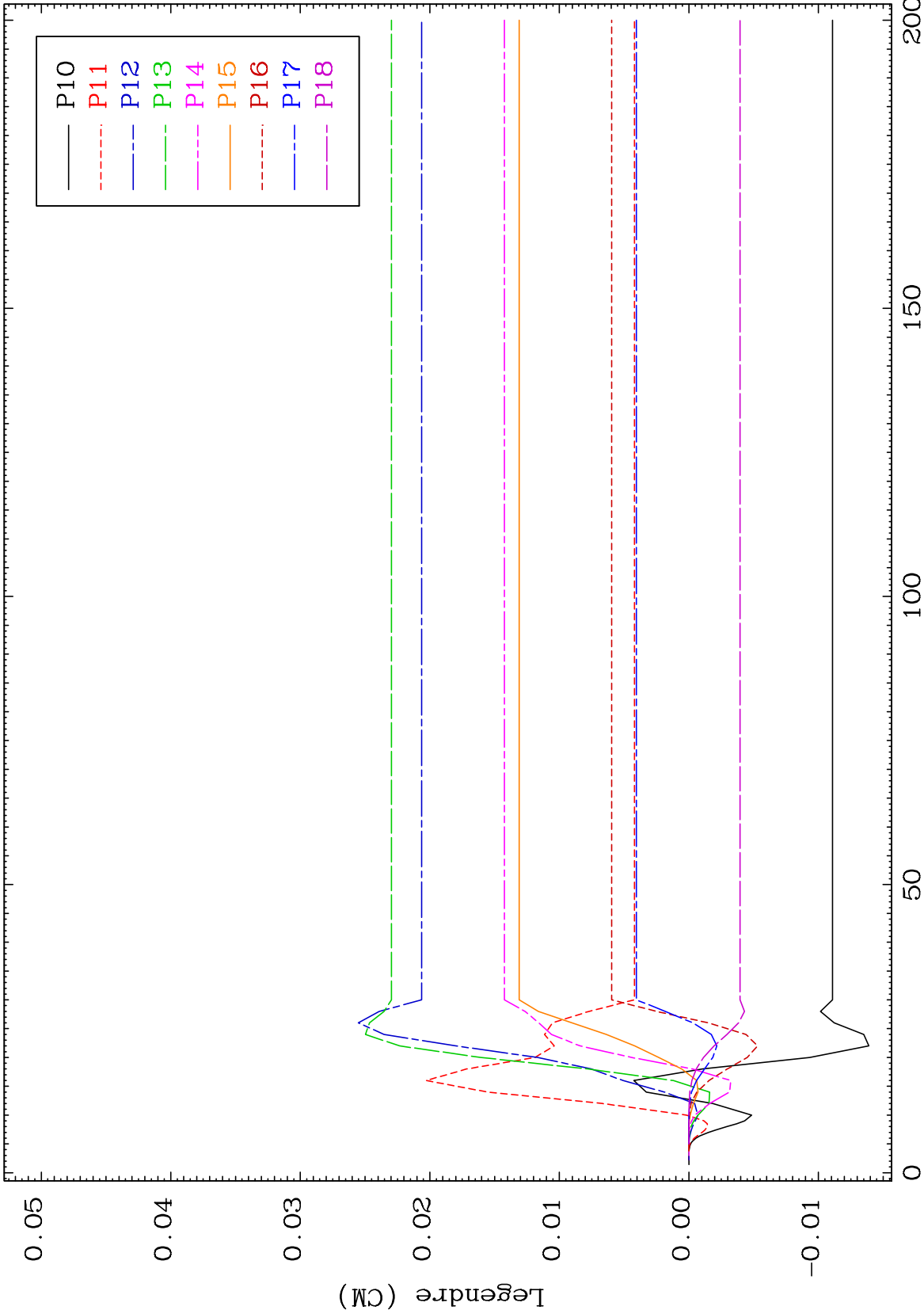
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



83

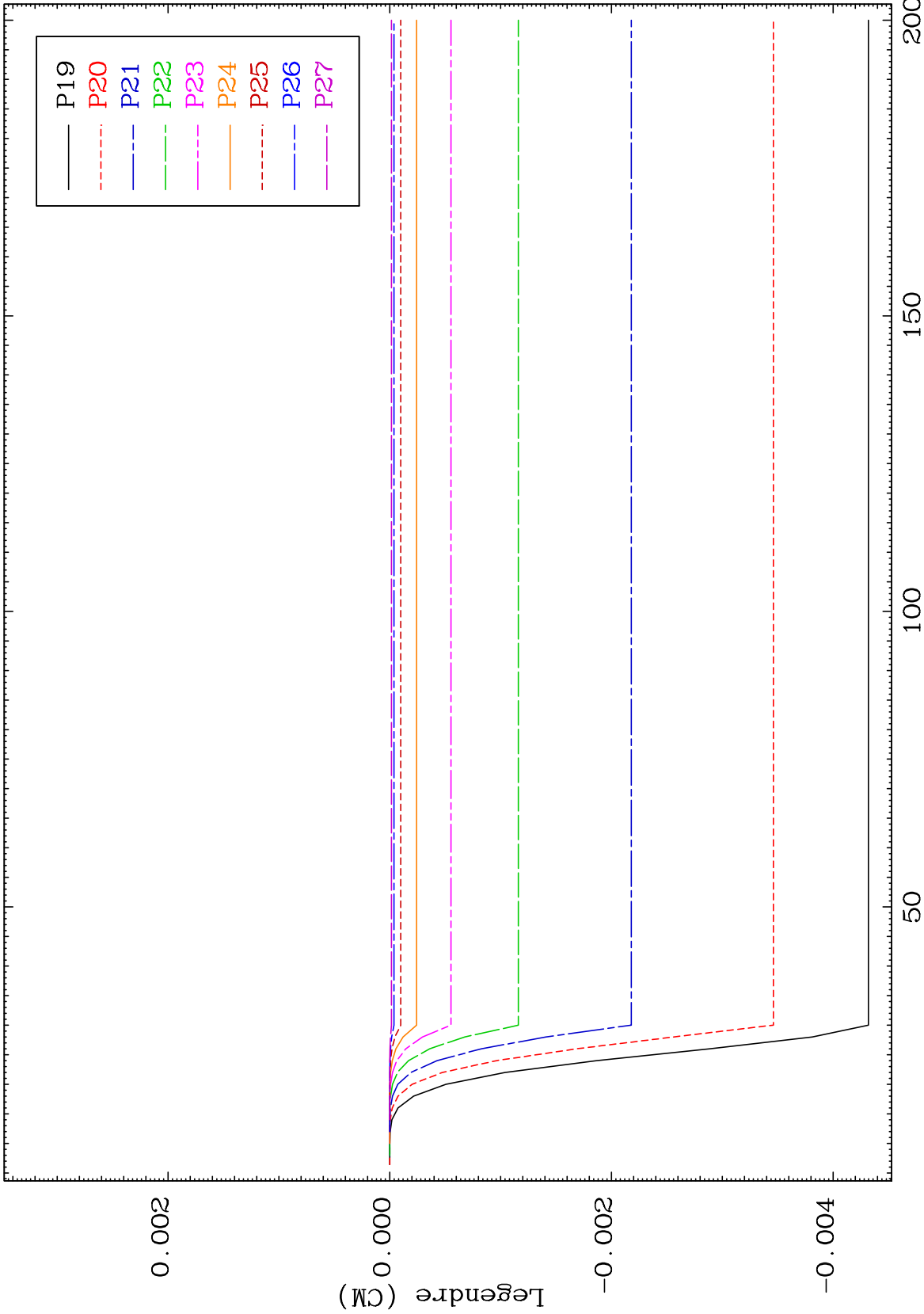
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



84

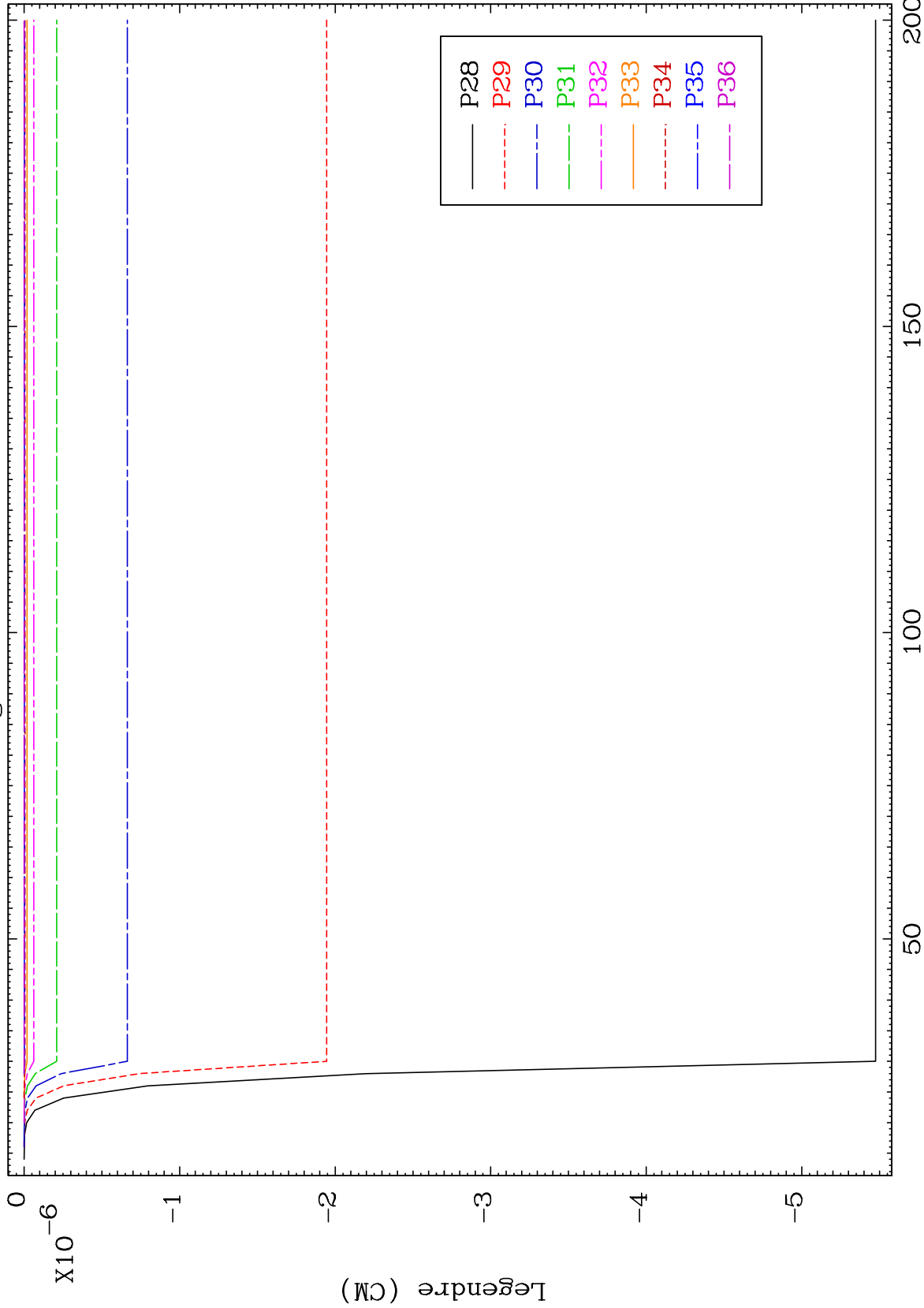
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



85

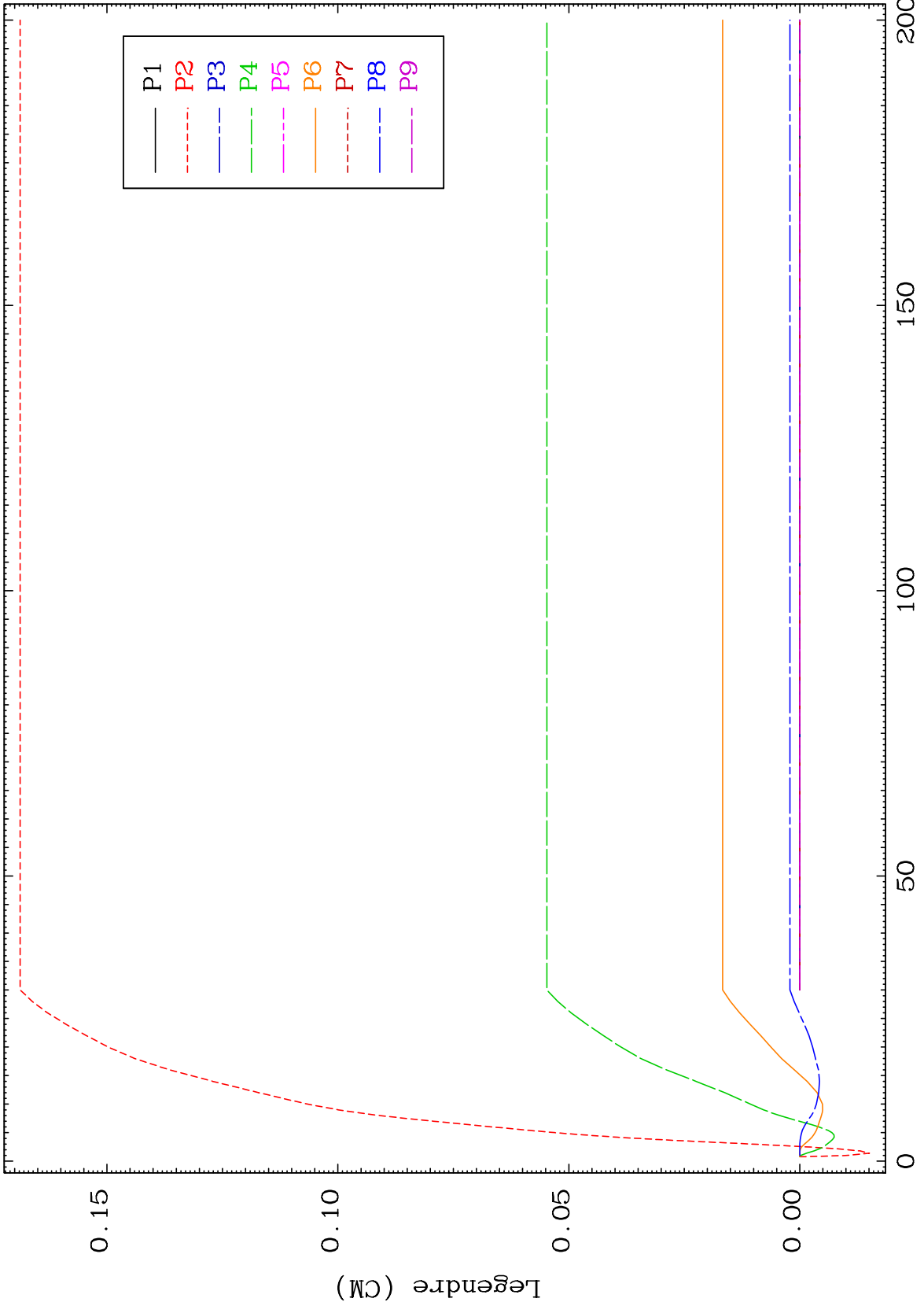
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



86

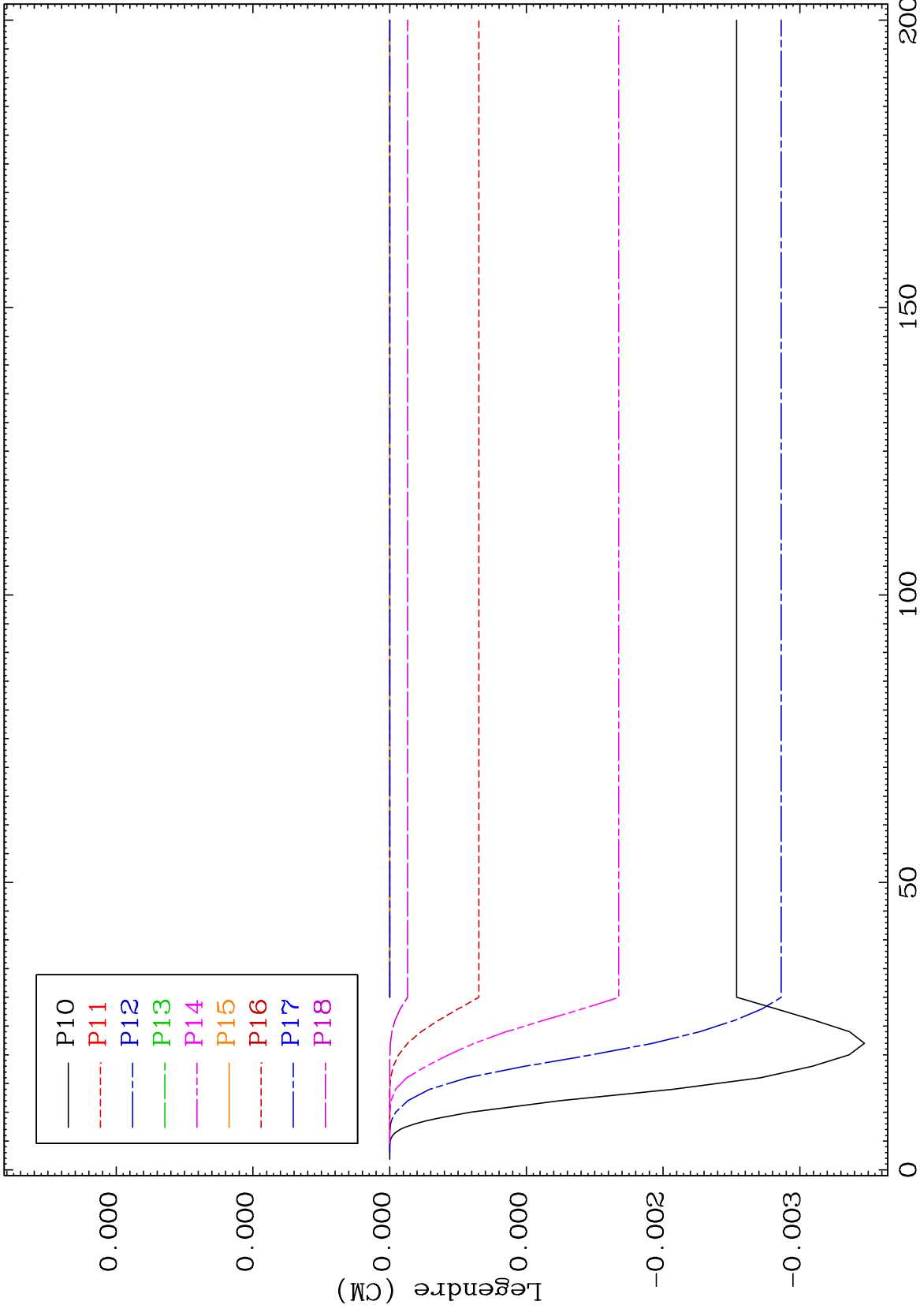
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



87

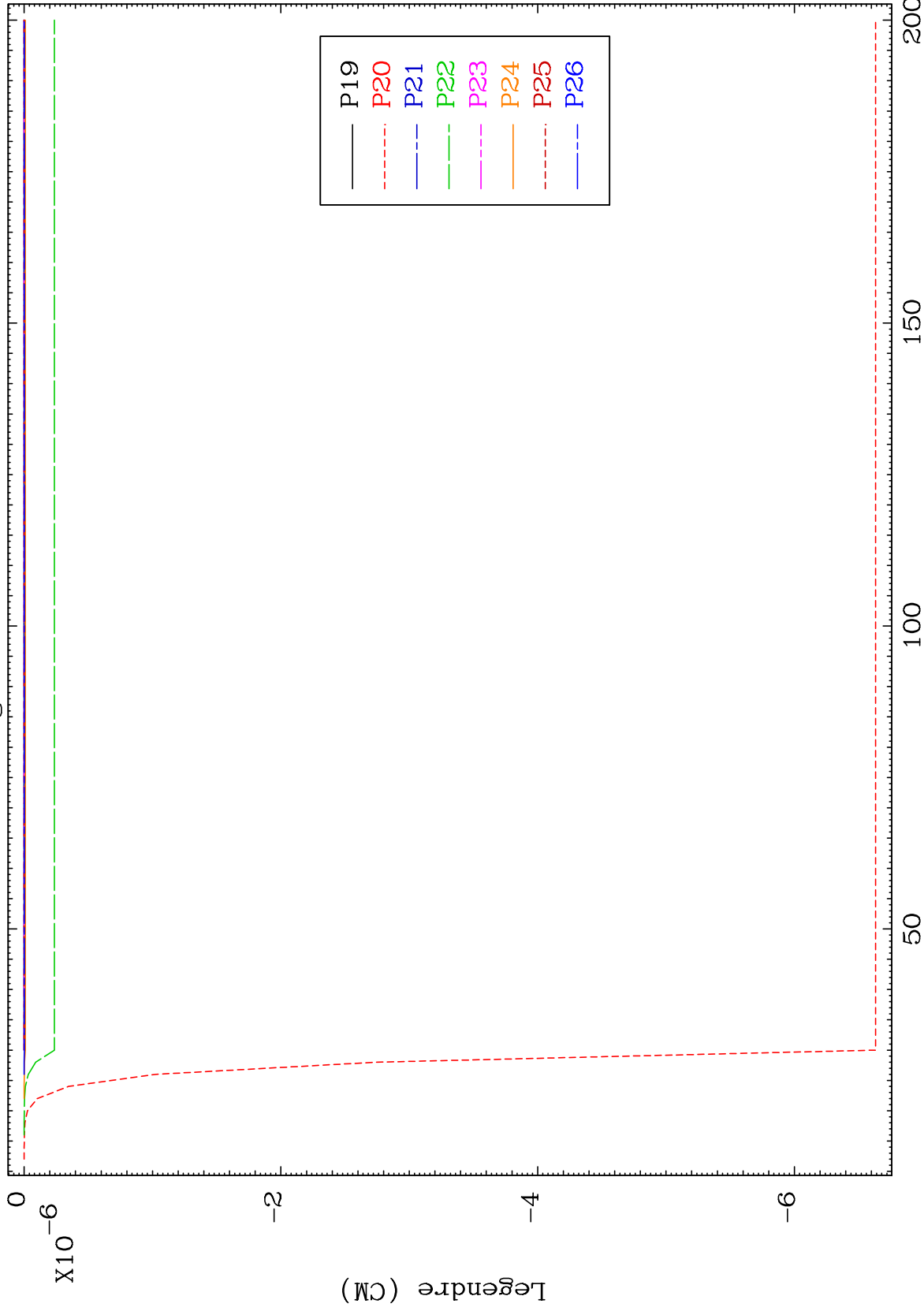
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



88

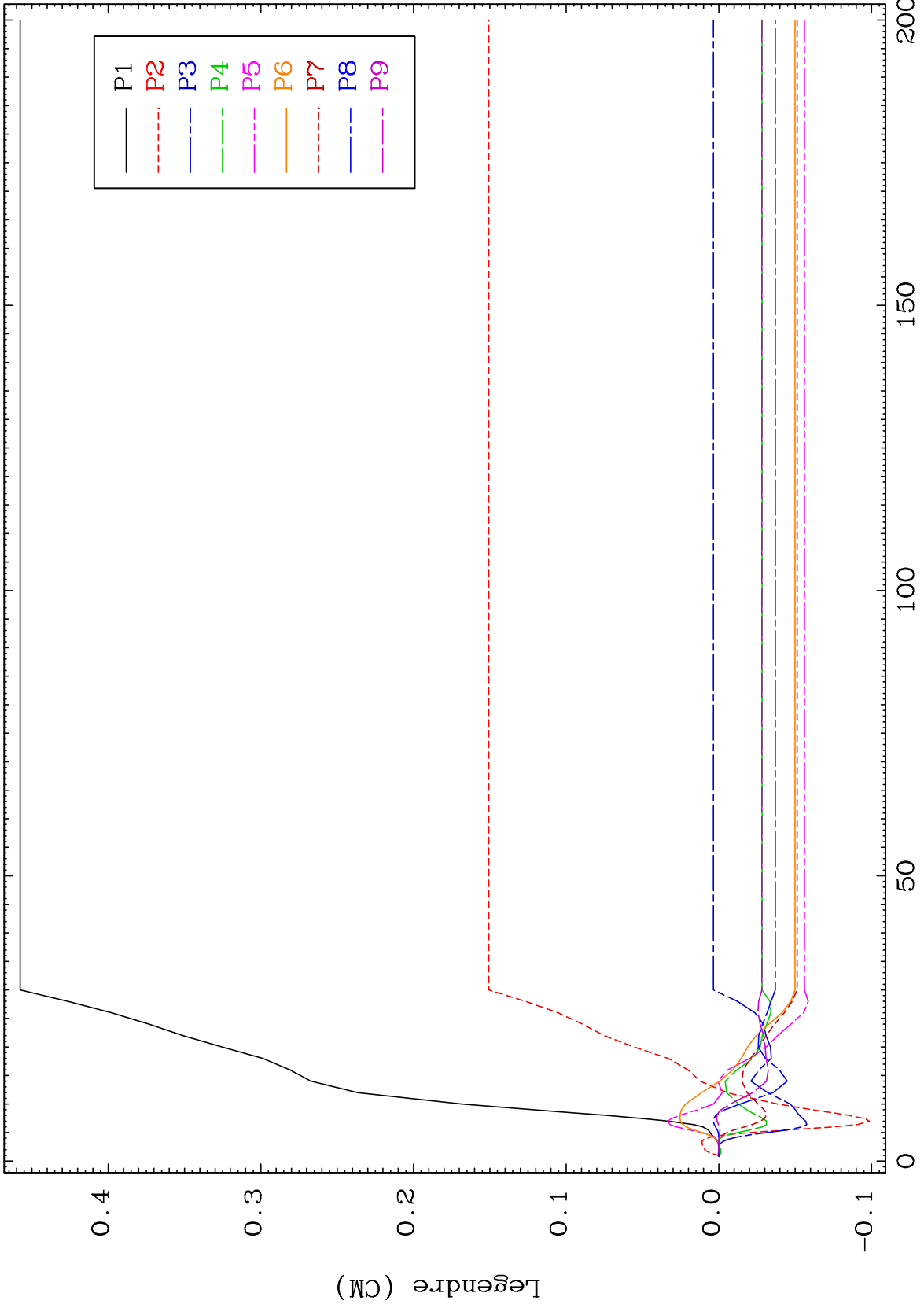
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



89

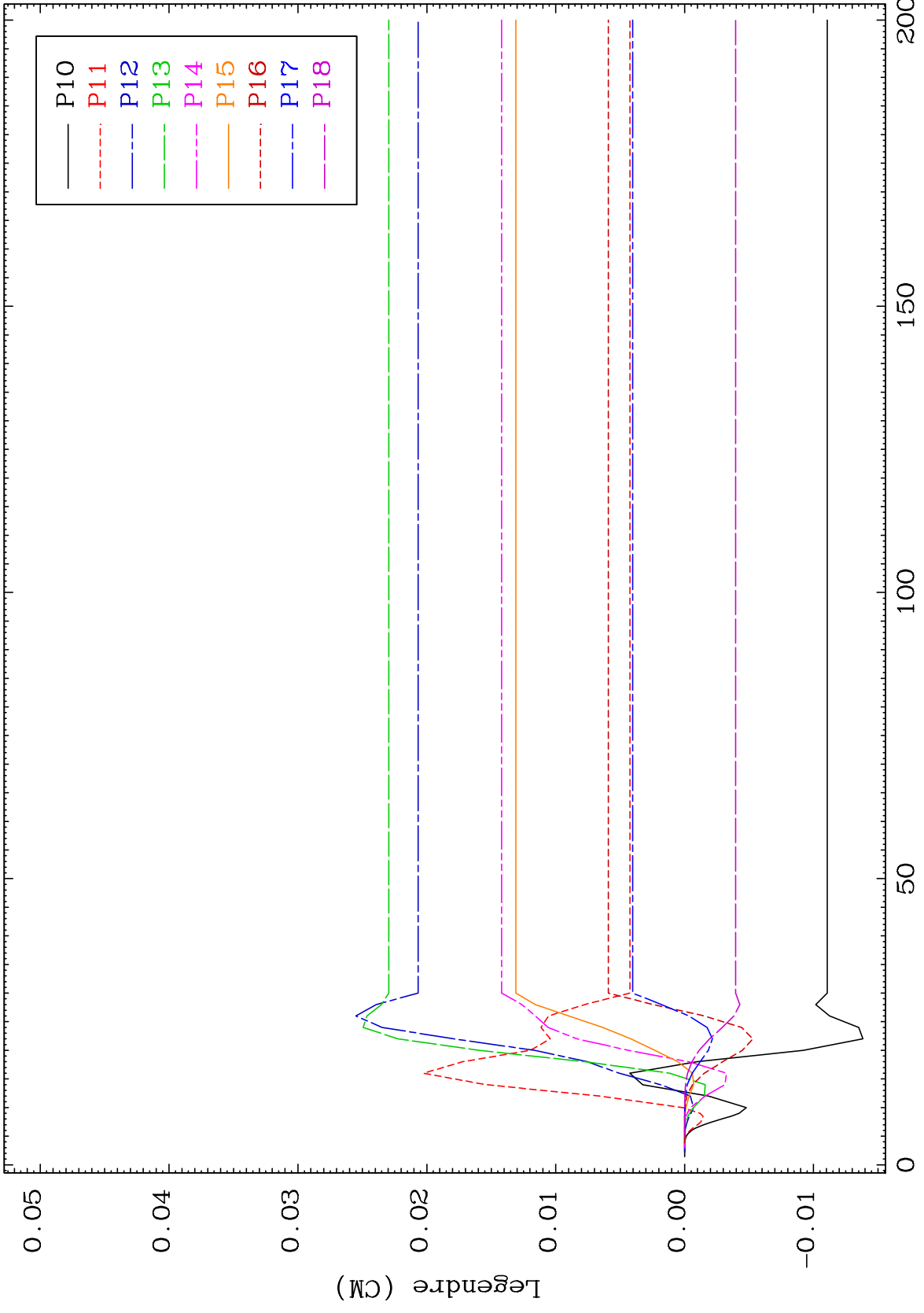
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



90

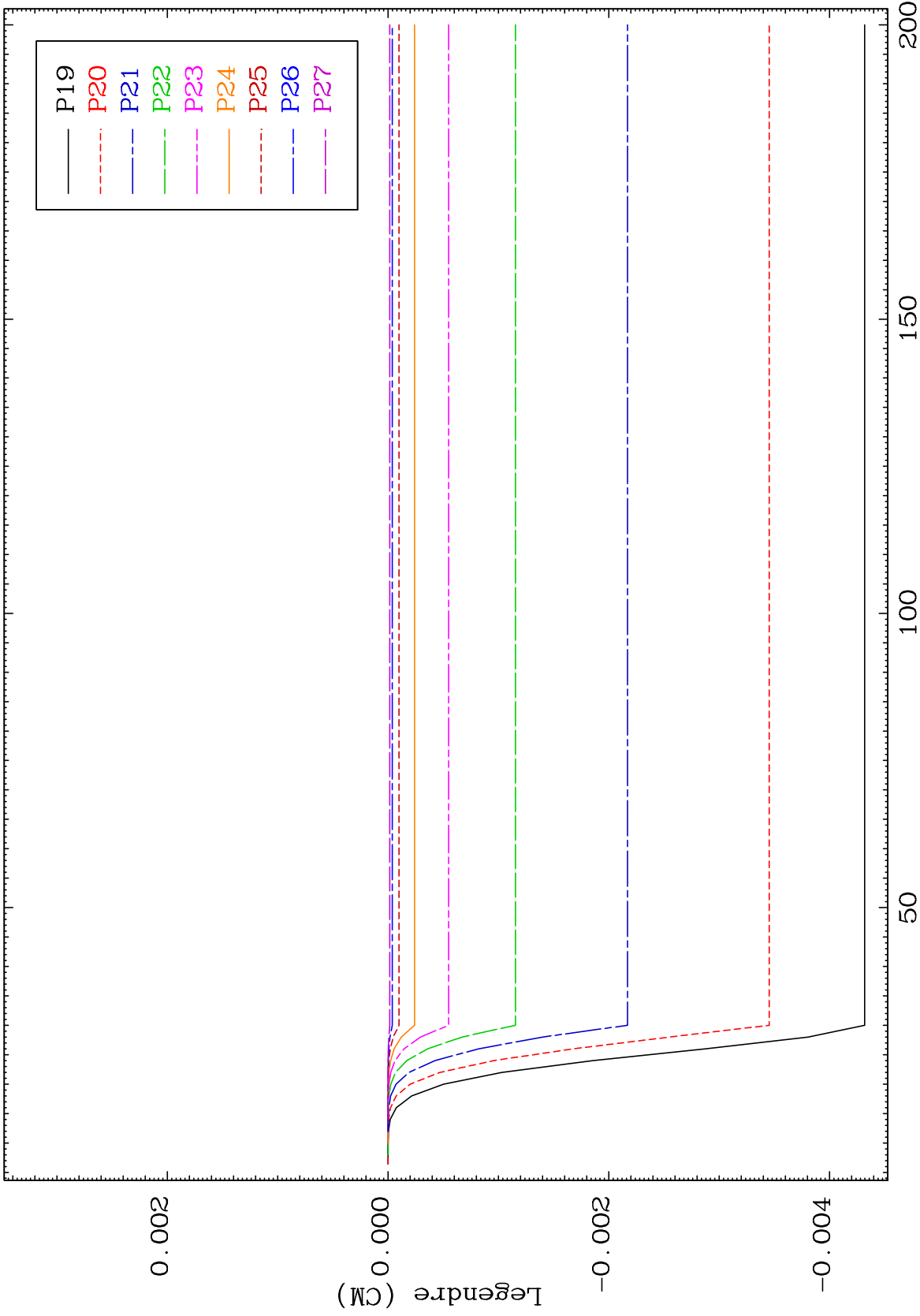
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



91

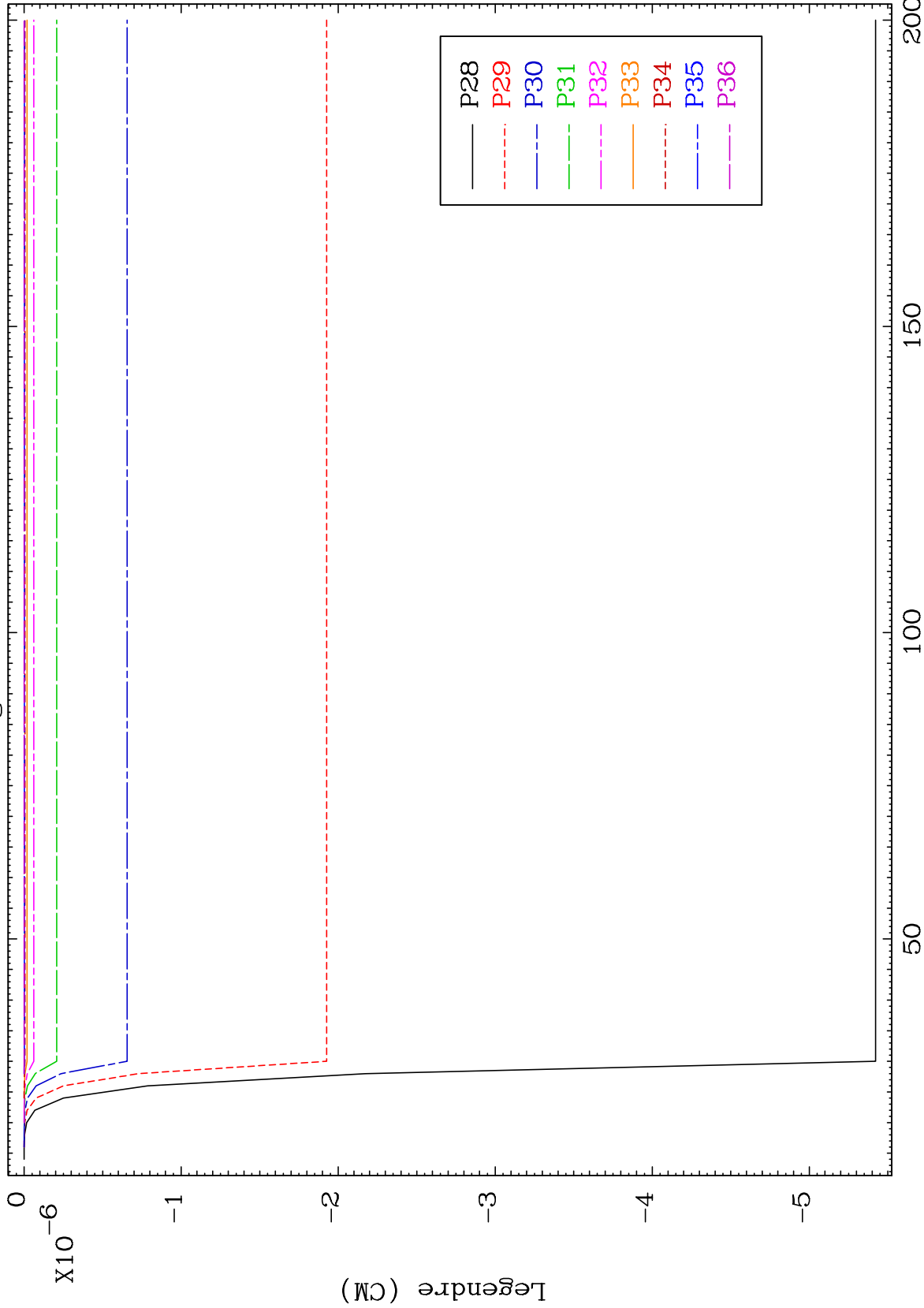
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



92

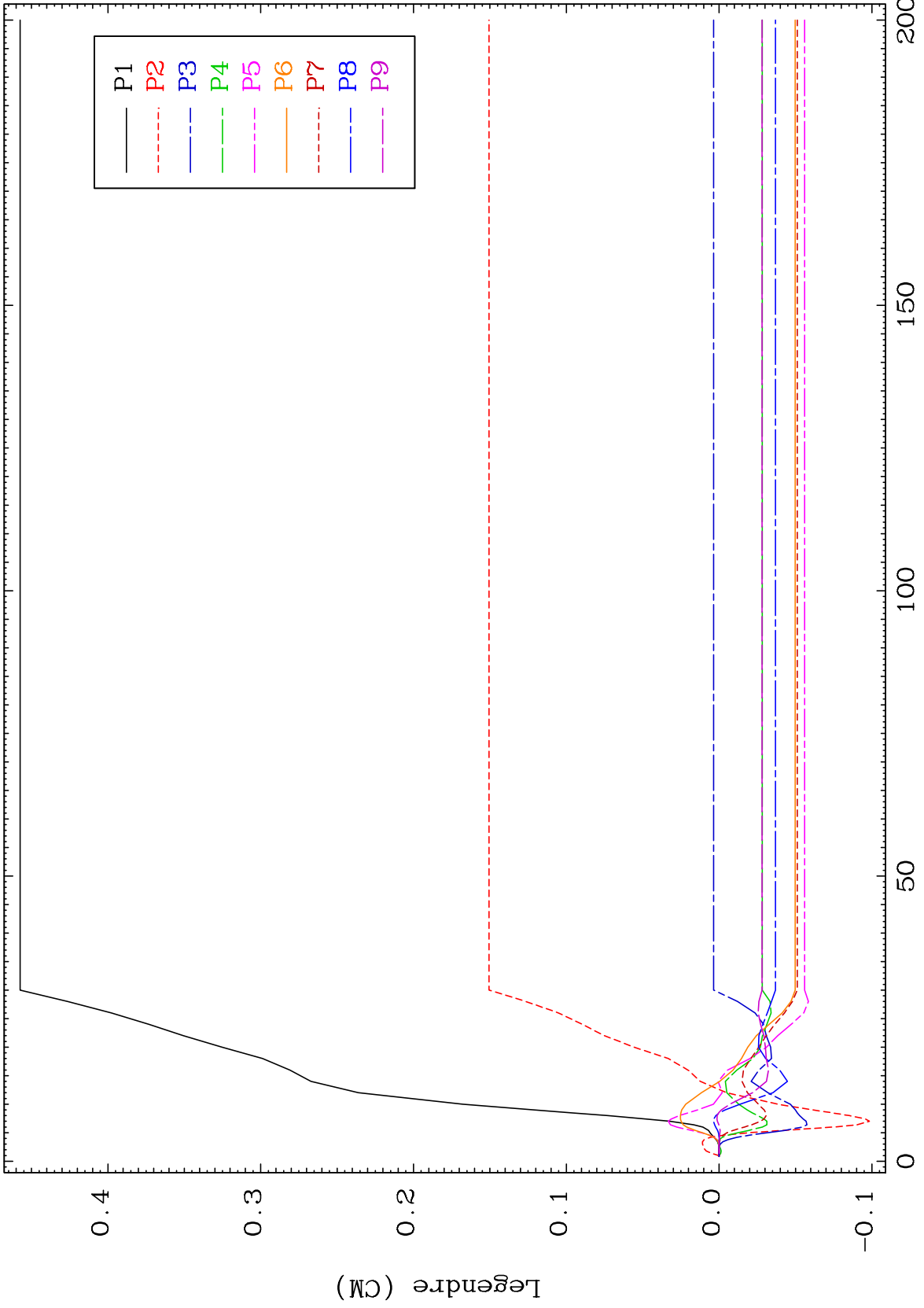
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



93

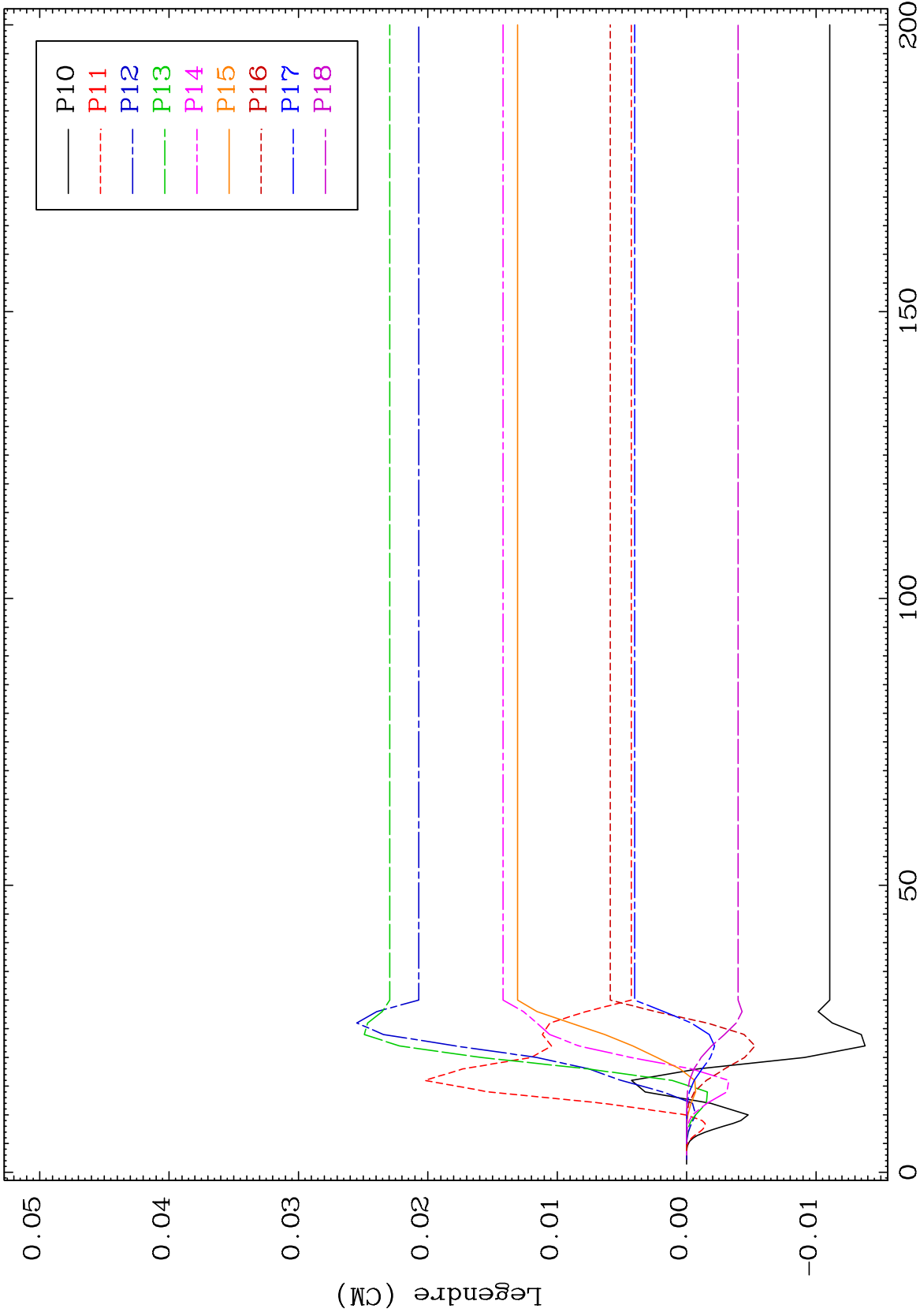
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



94

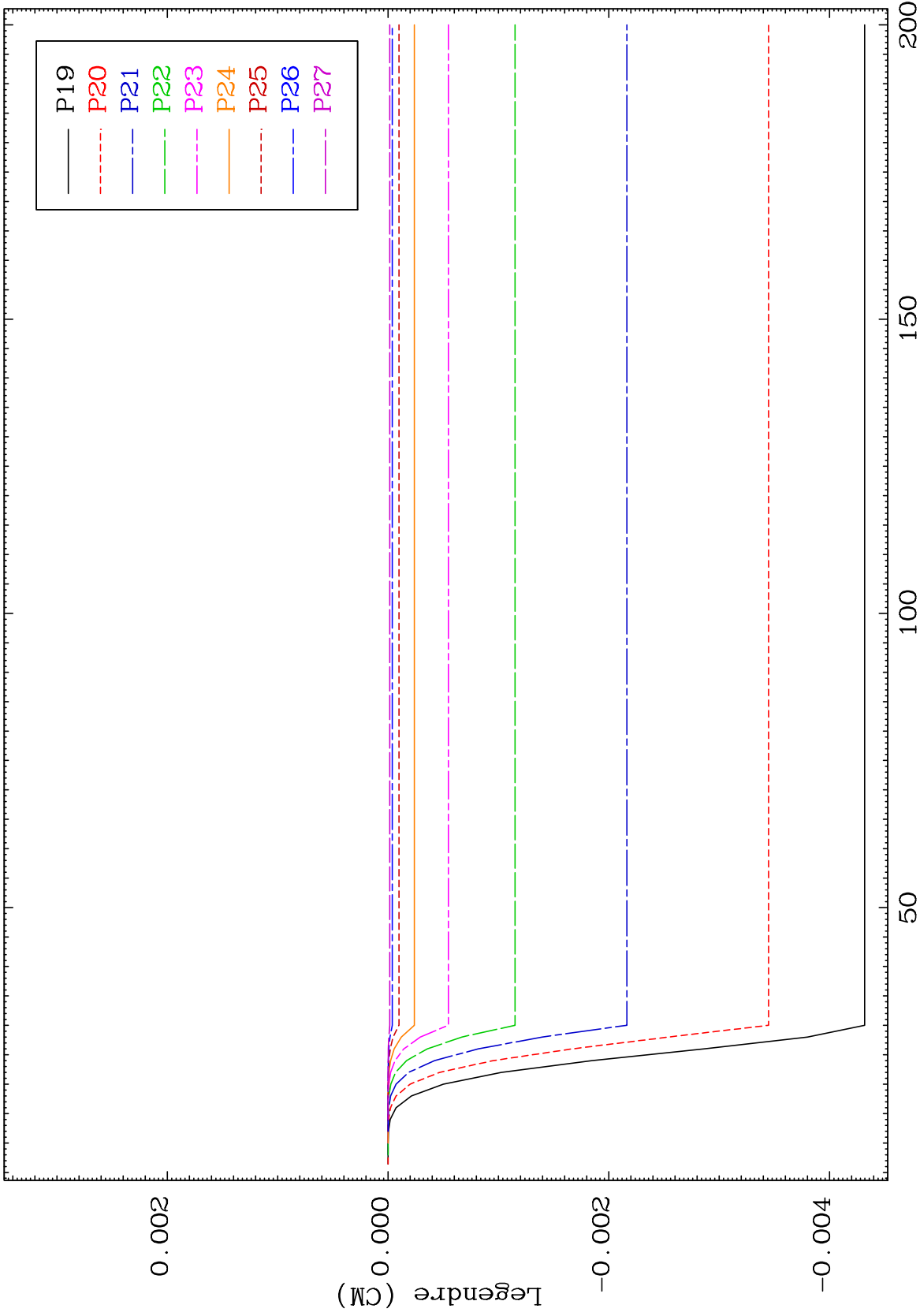
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



95

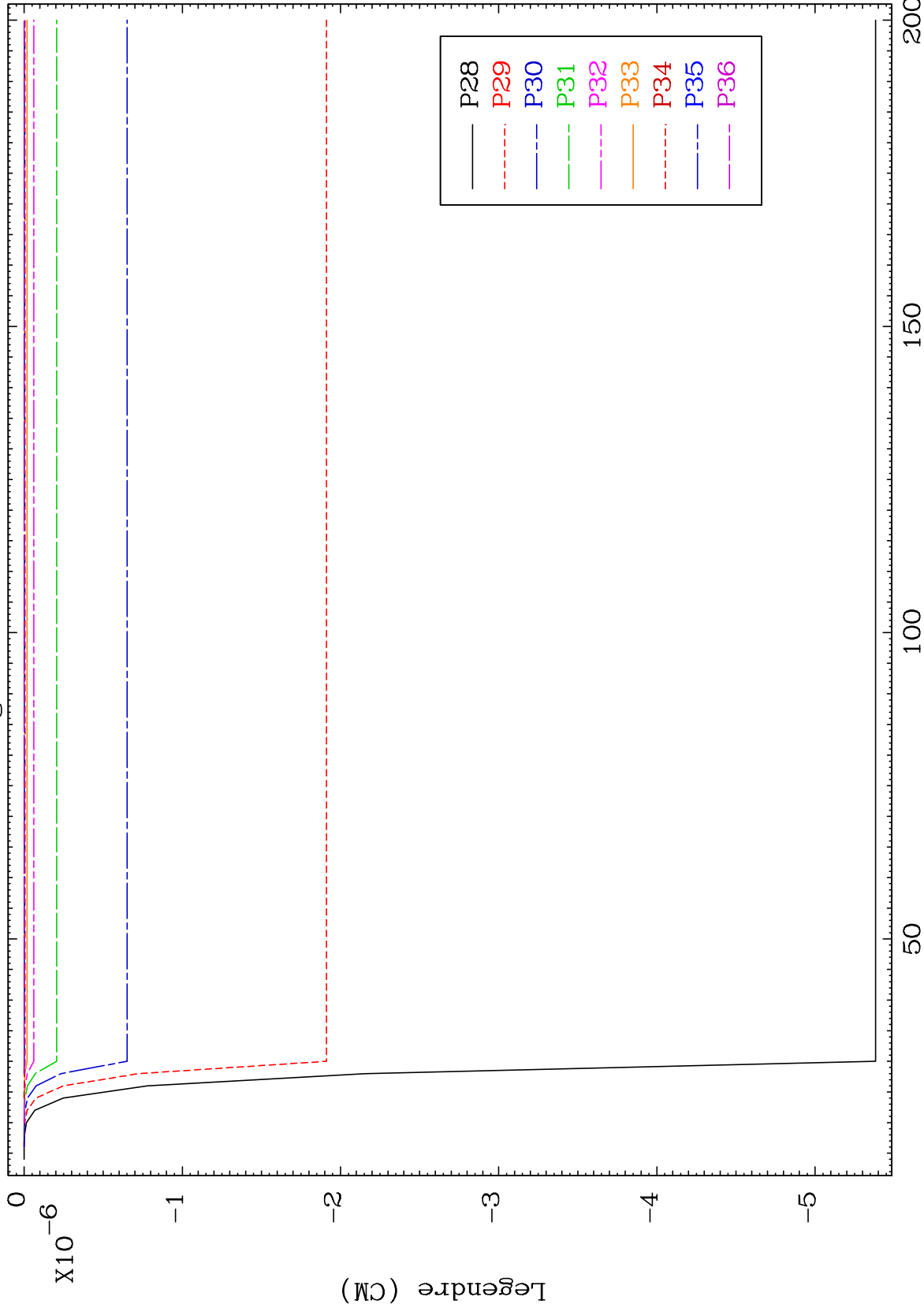
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



96

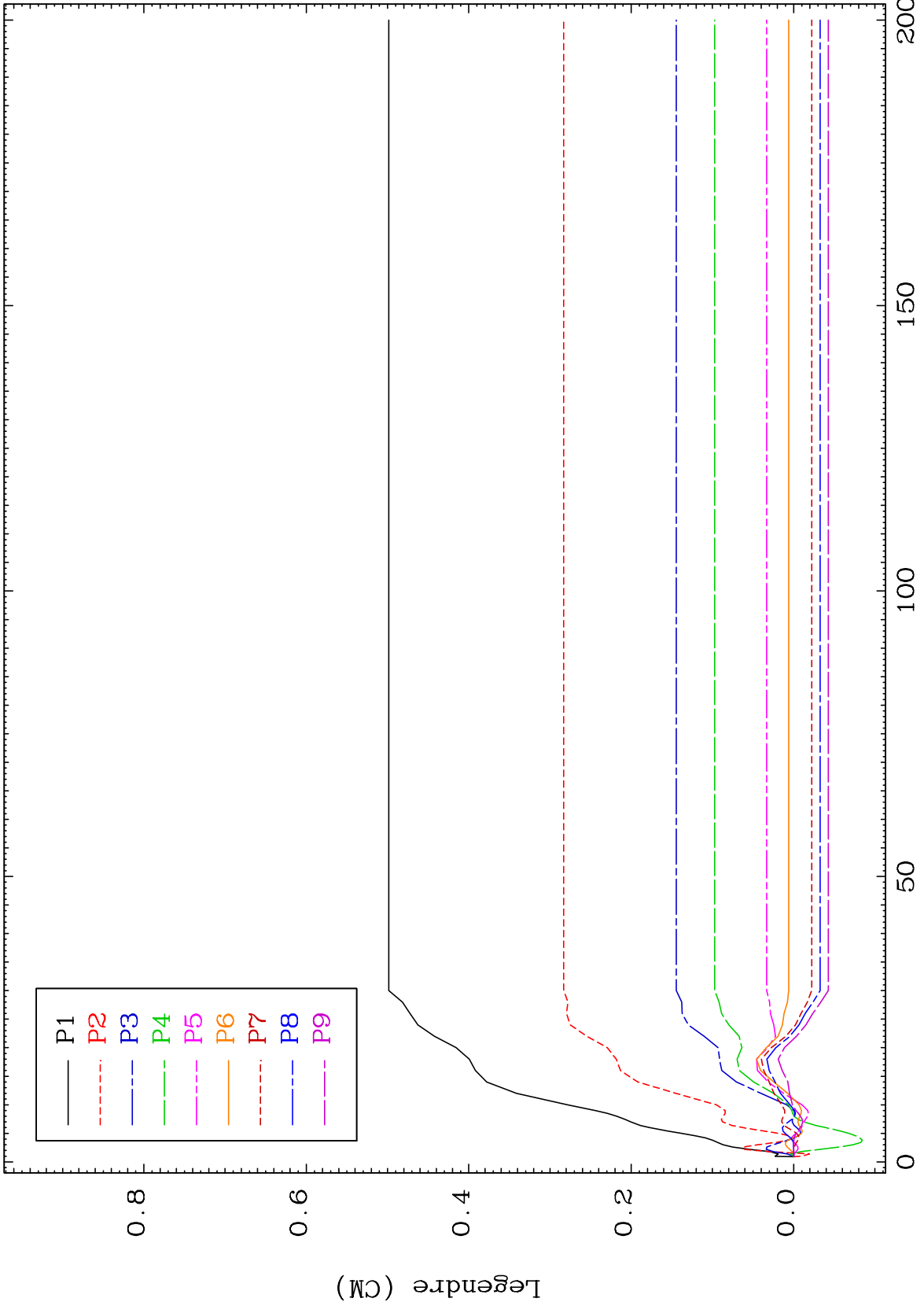
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



97

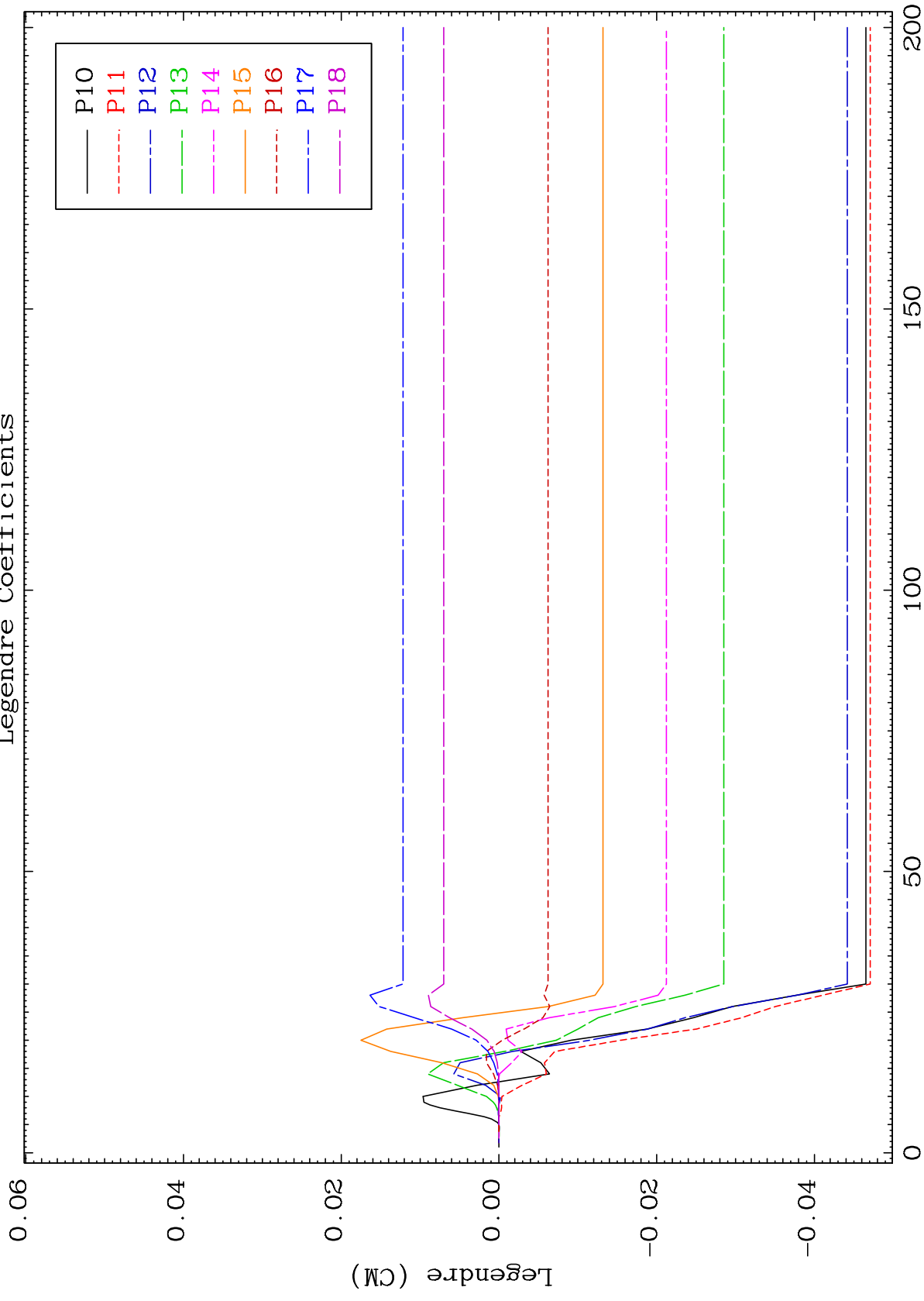
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



98

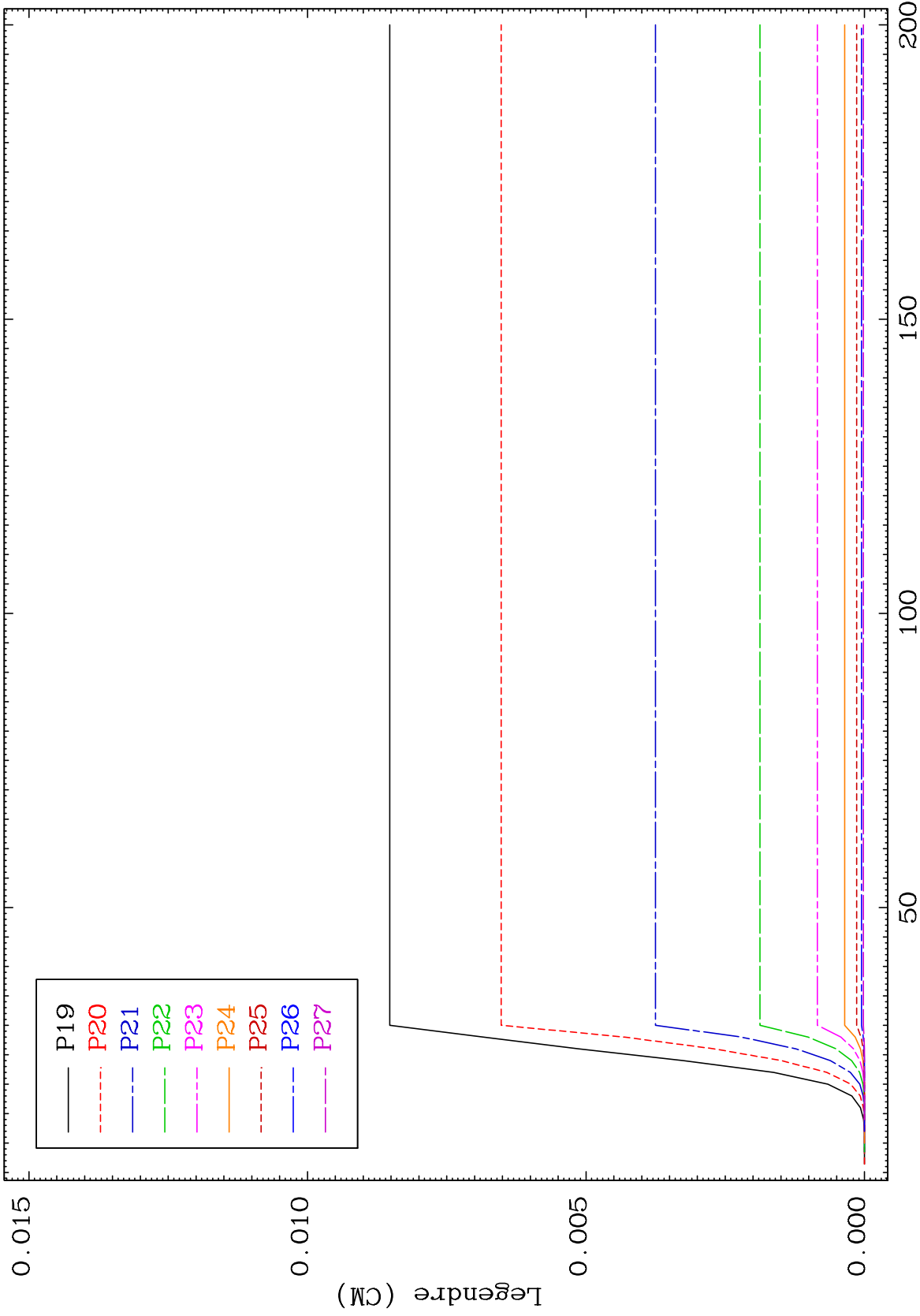
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



99

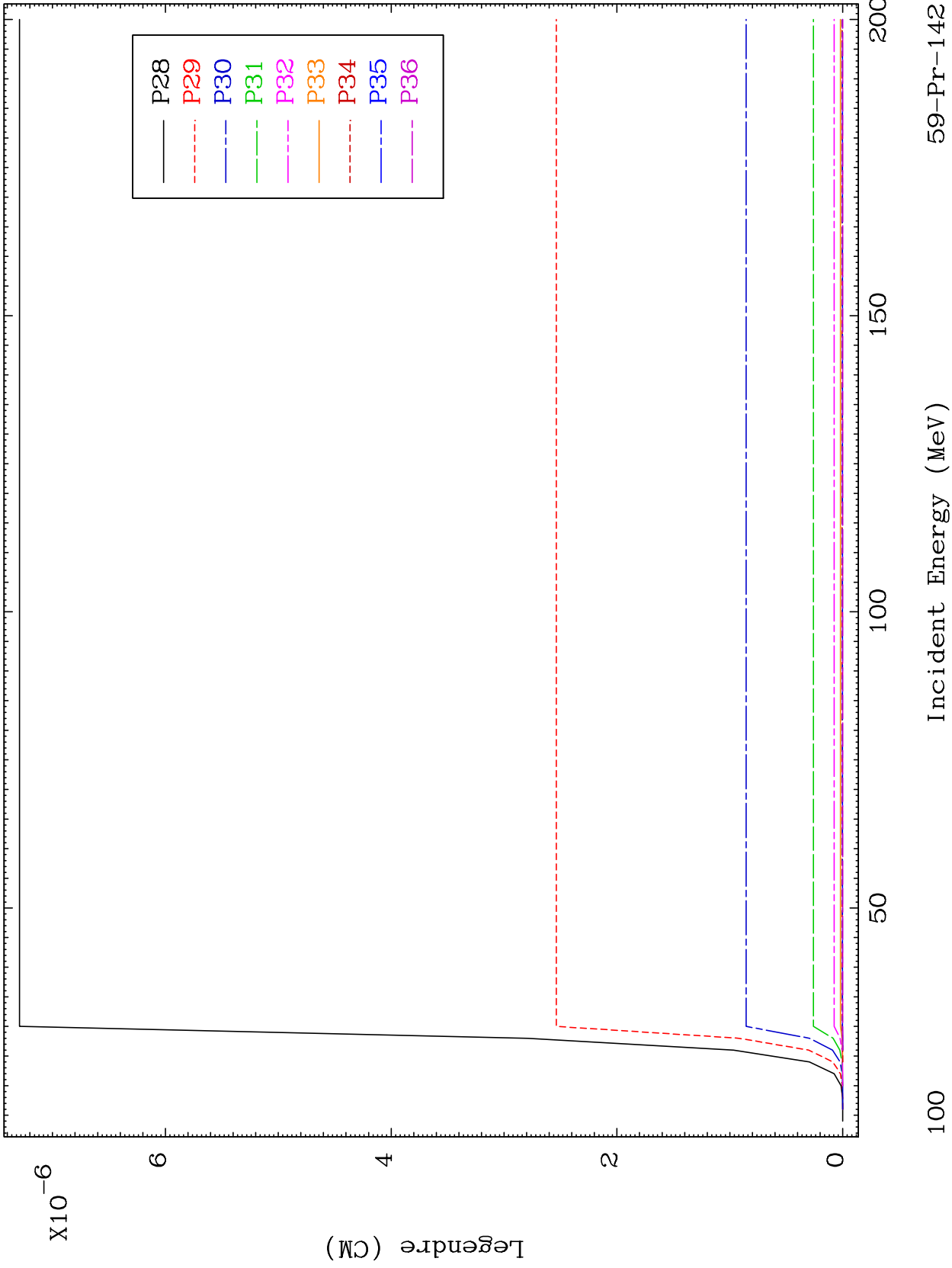
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142

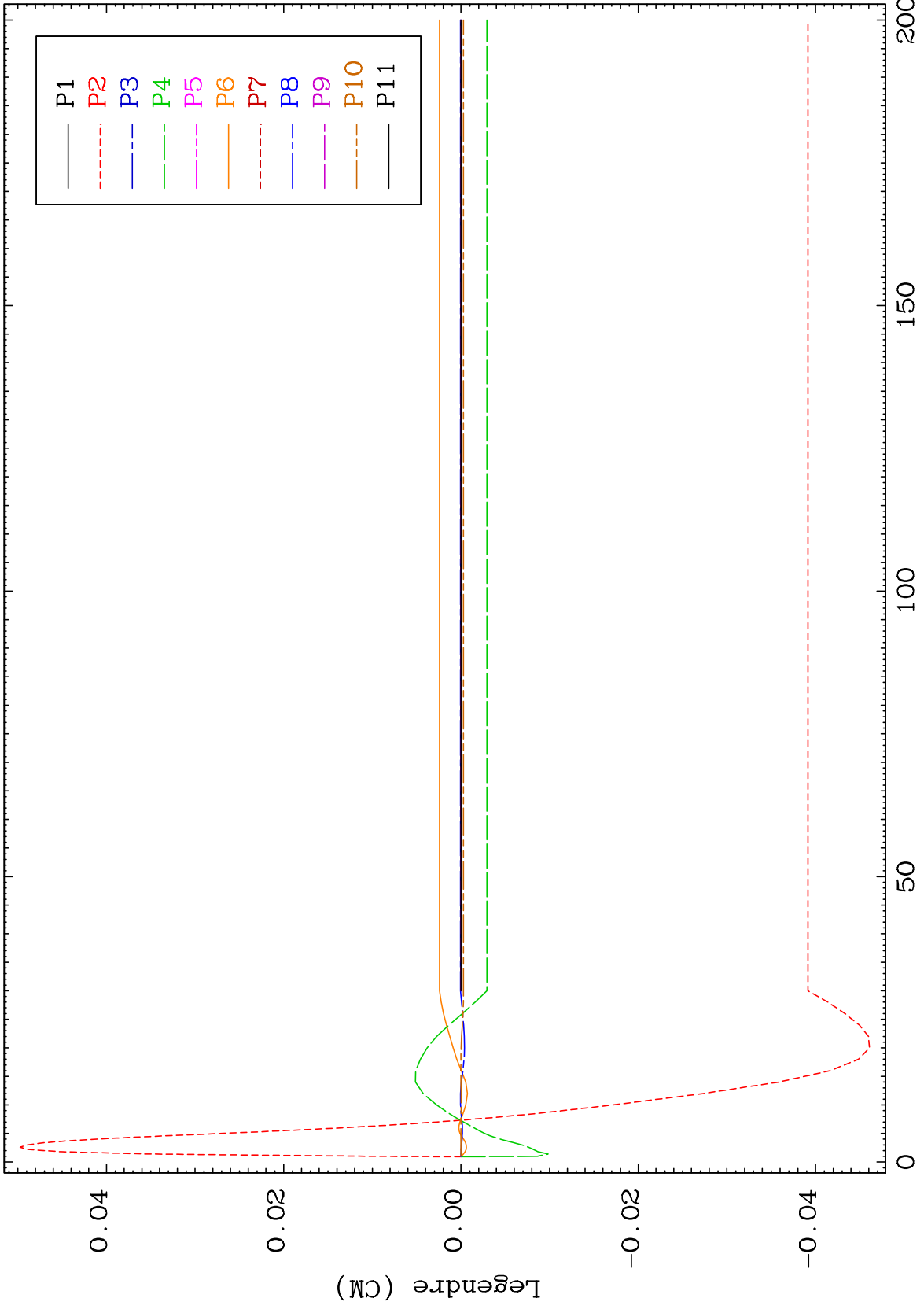


59-Pr-142

MAT 5928

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

59-Pr-142



101

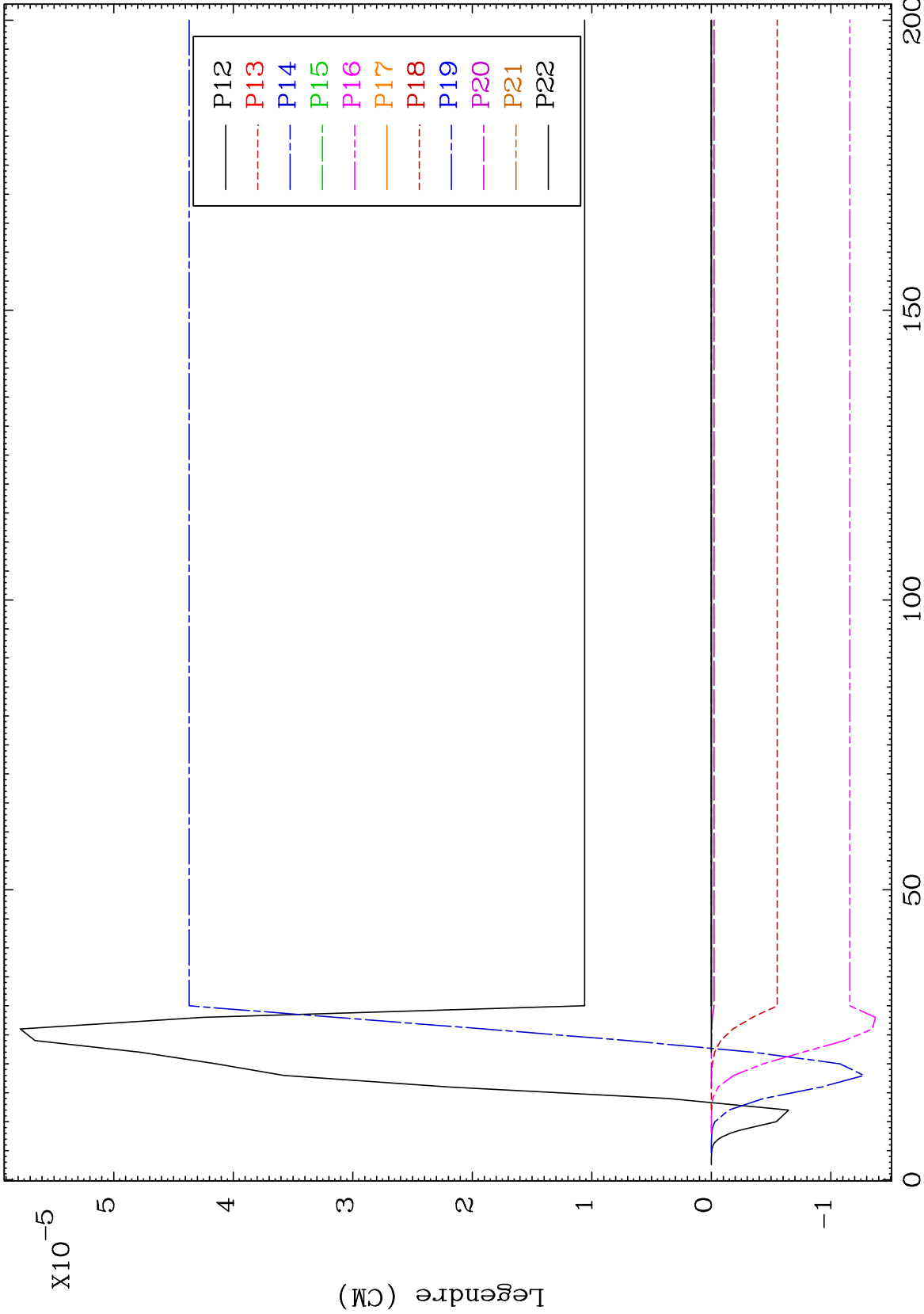
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



102

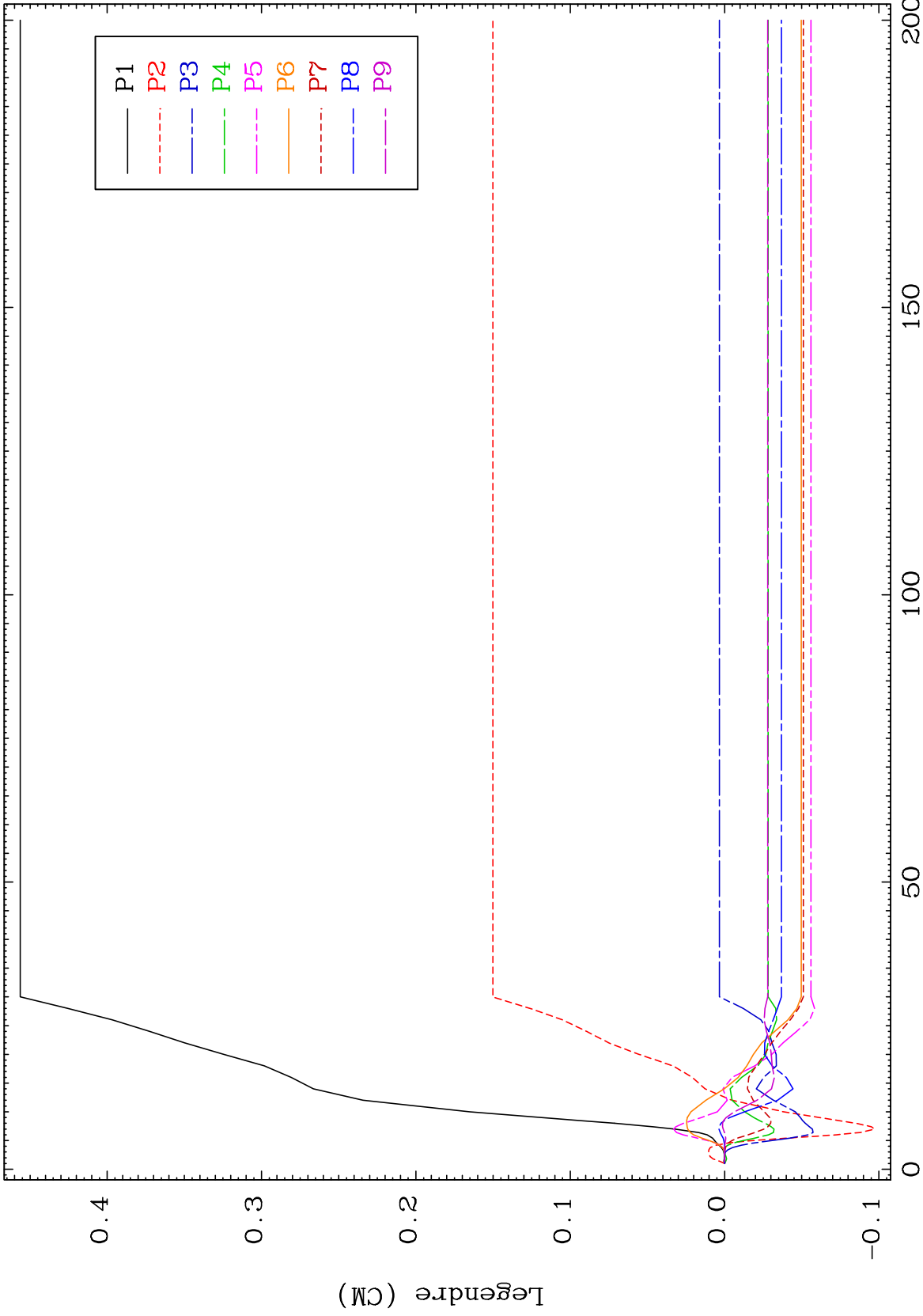
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



59-Pr-142

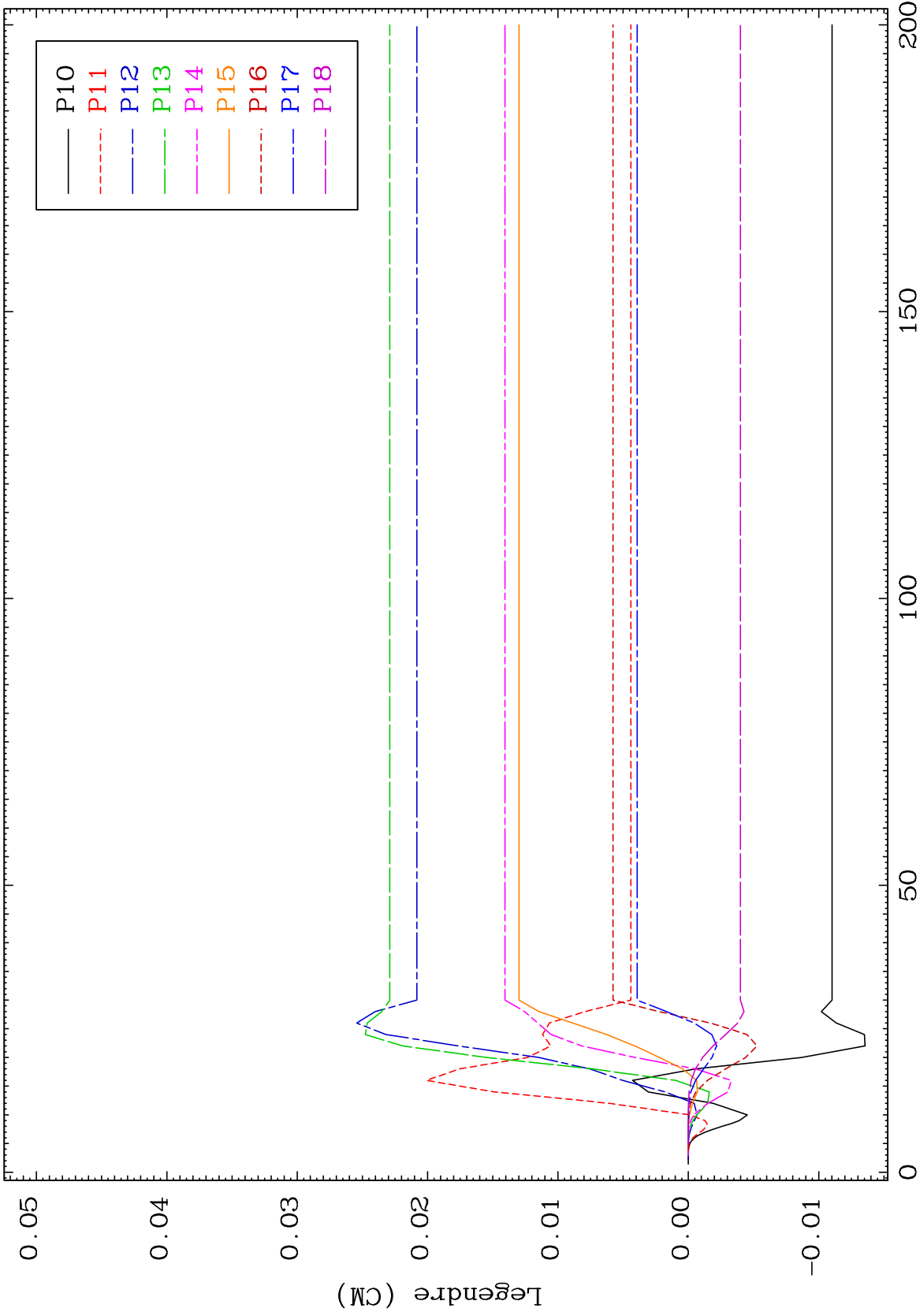
Incident Energy (MeV)

103

MAT 5928

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

59-Pr-142



104

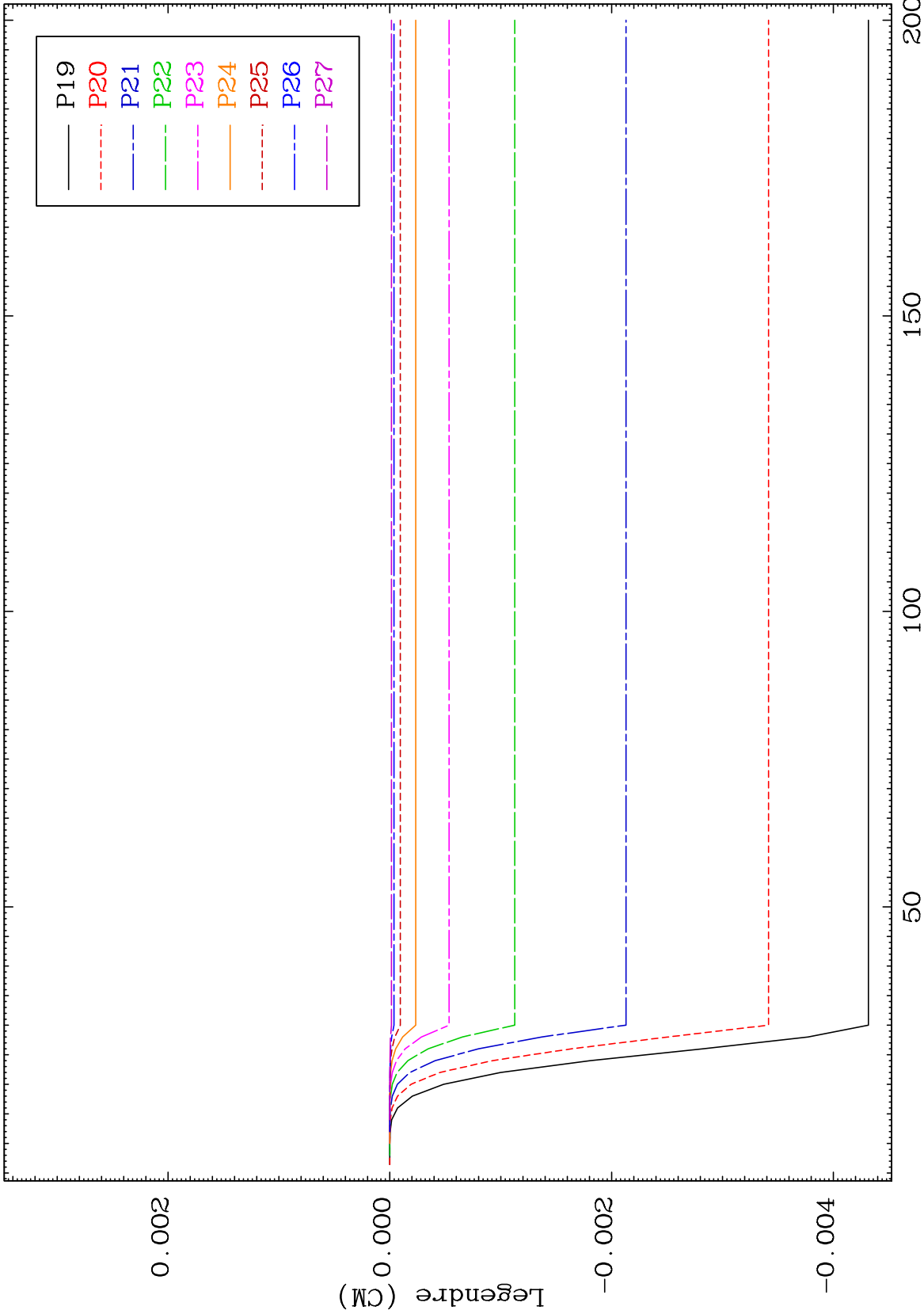
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



105

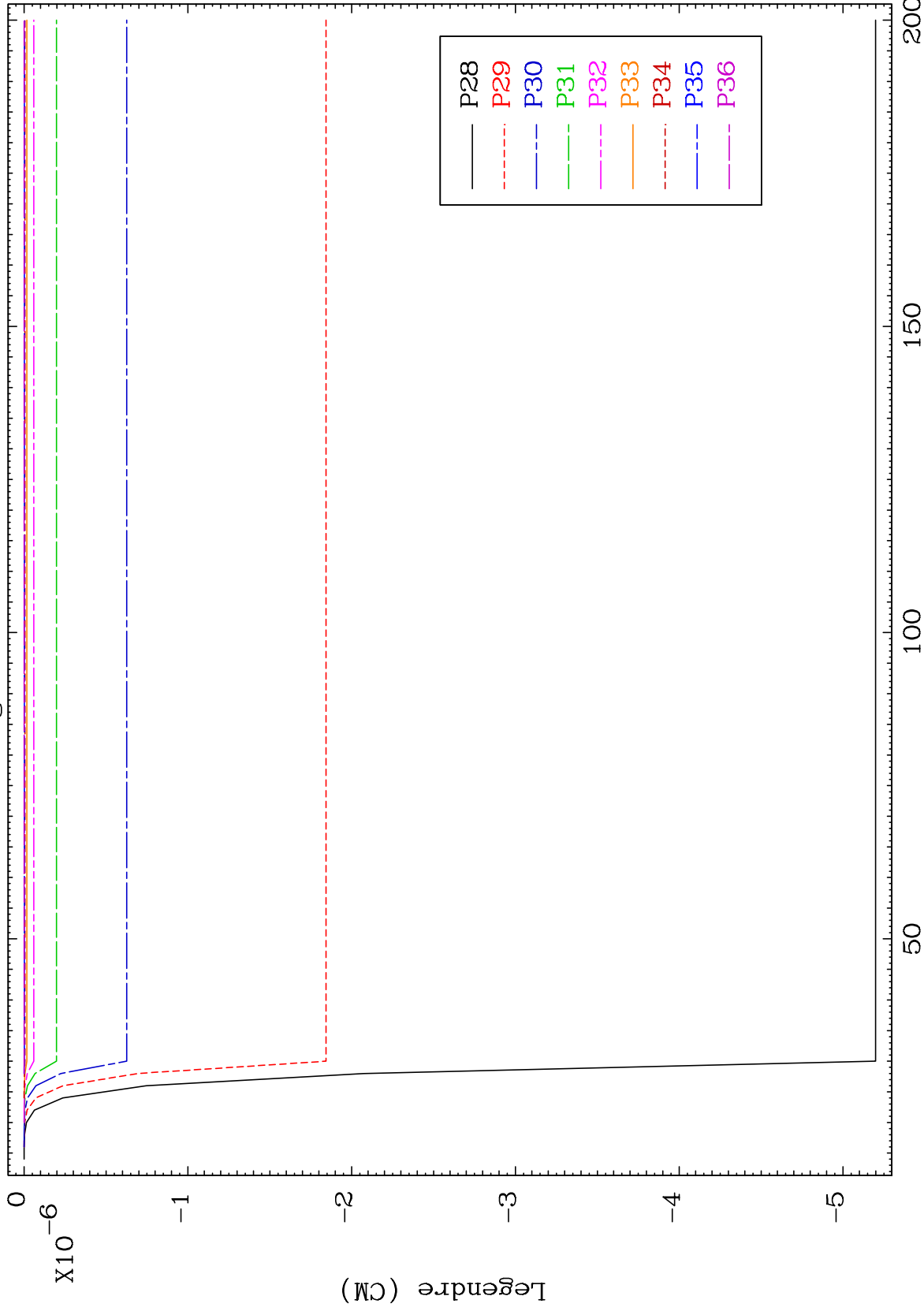
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



106

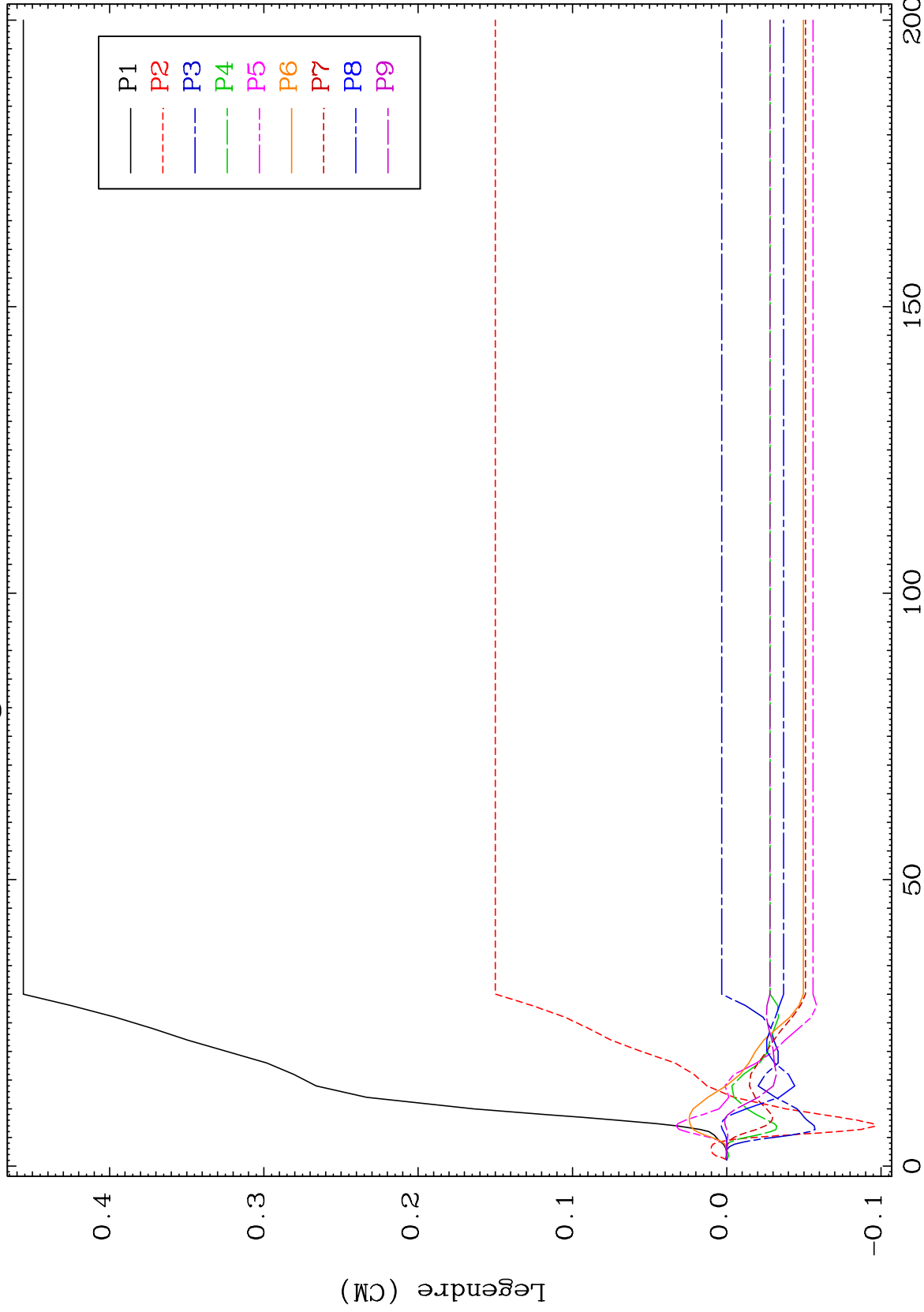
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



107

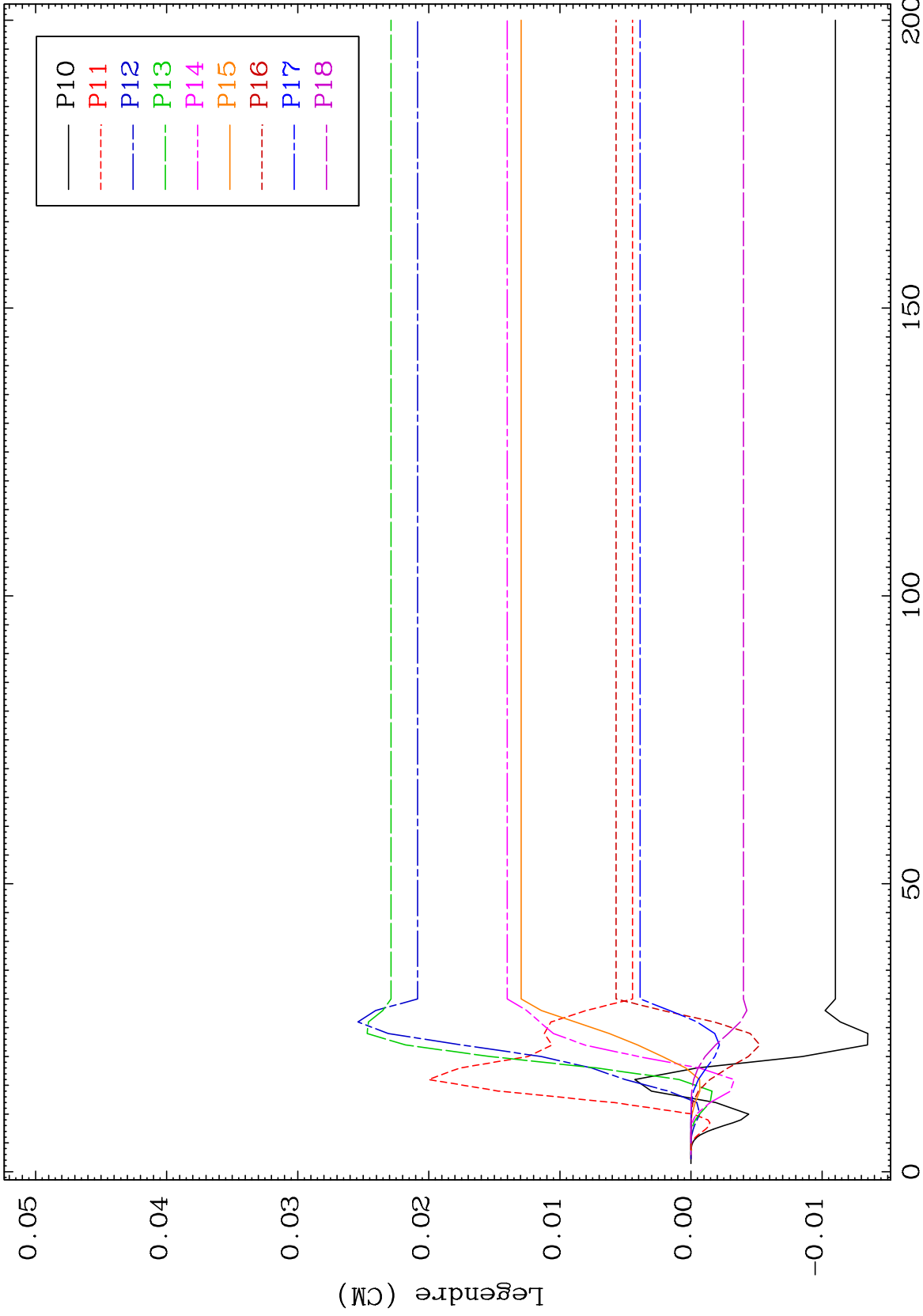
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



108

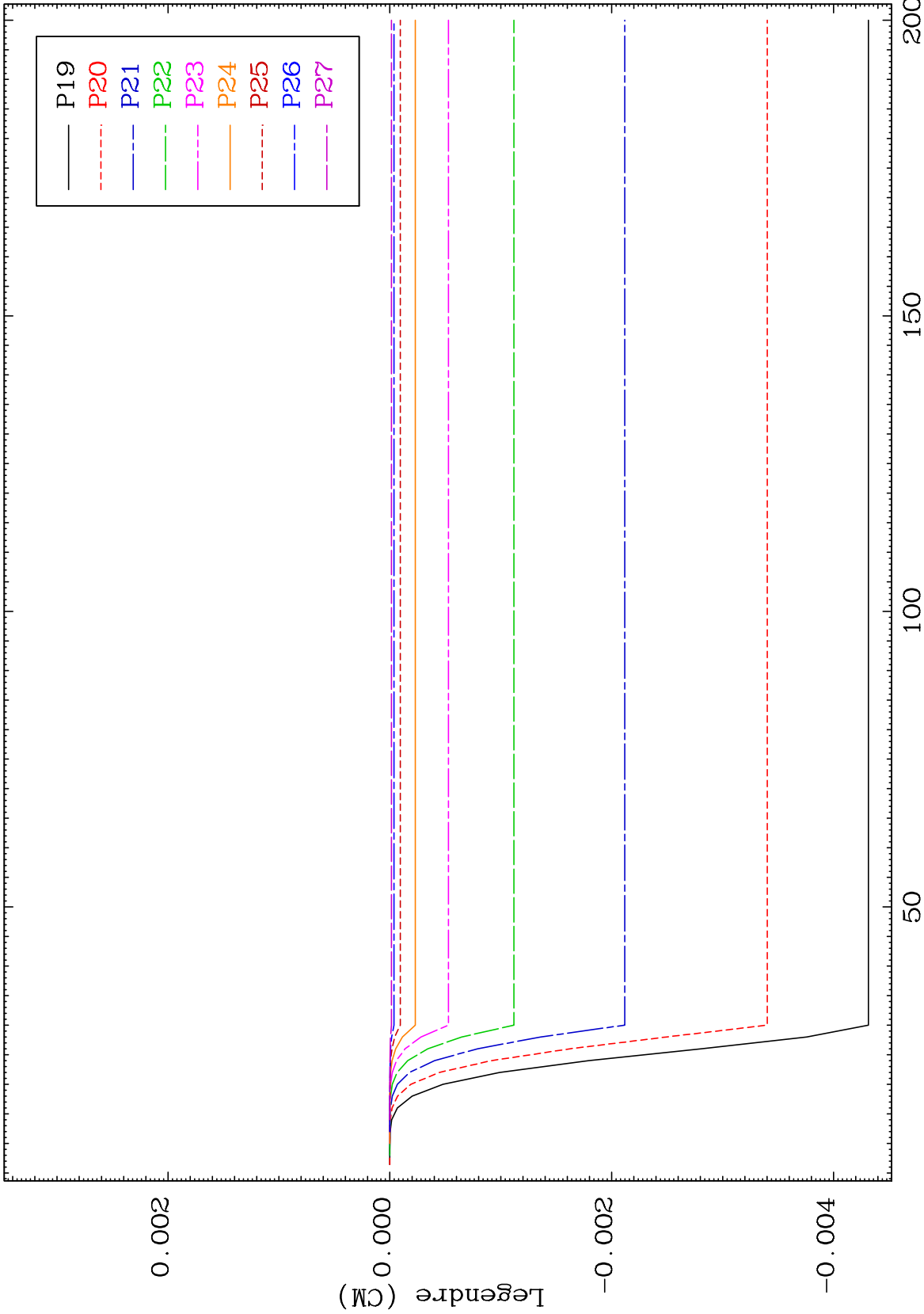
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



109

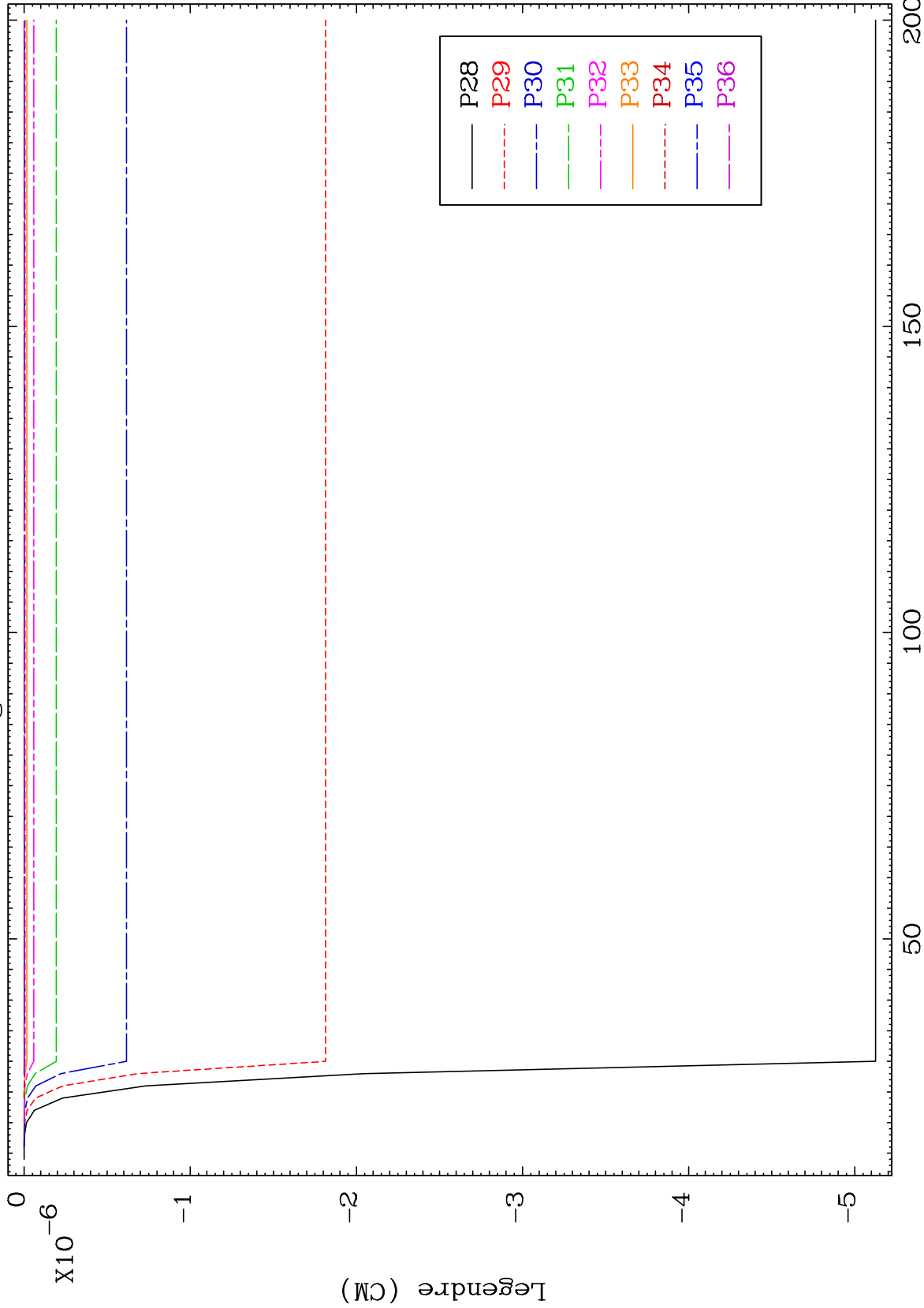
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



110

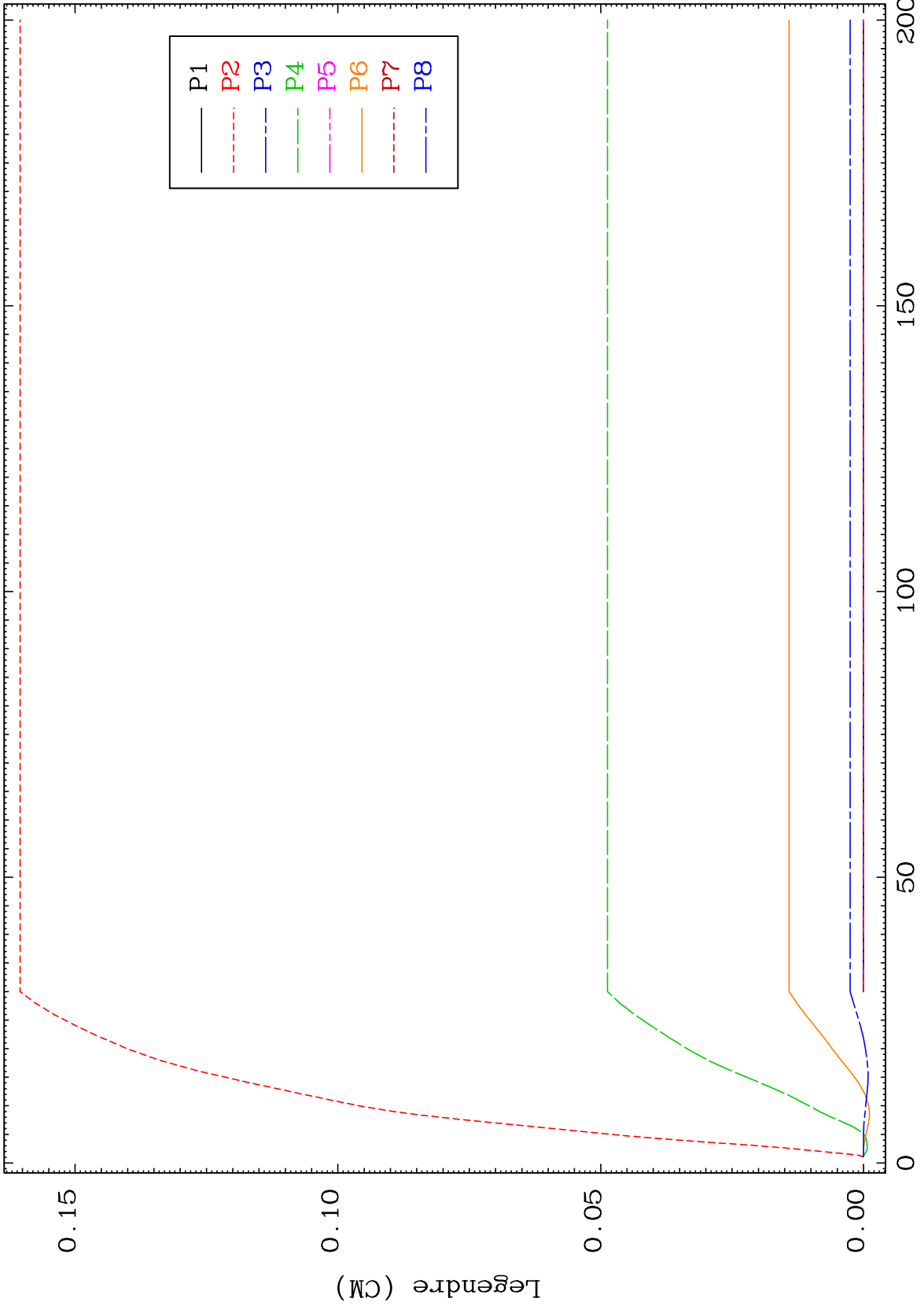
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



111

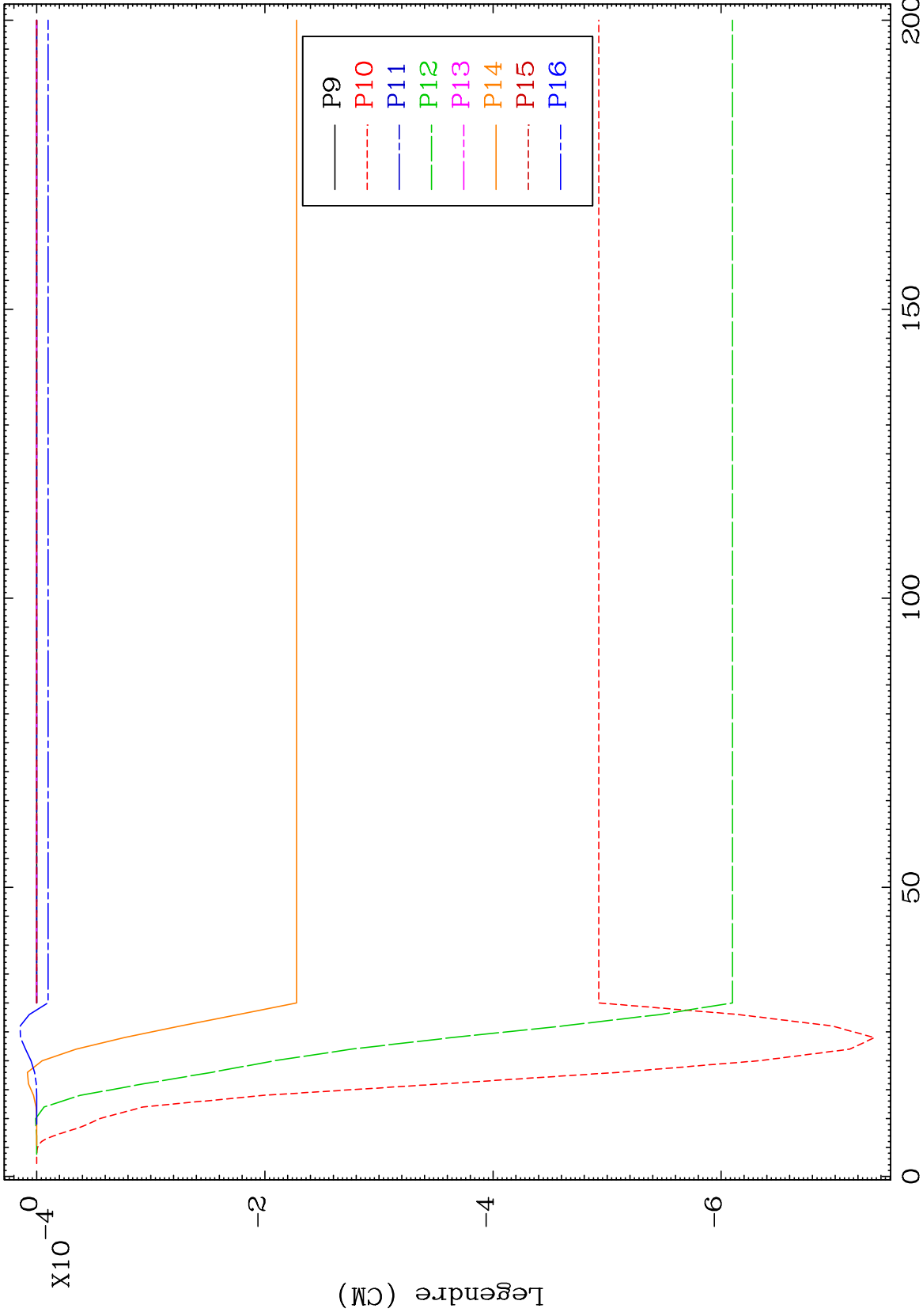
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



112

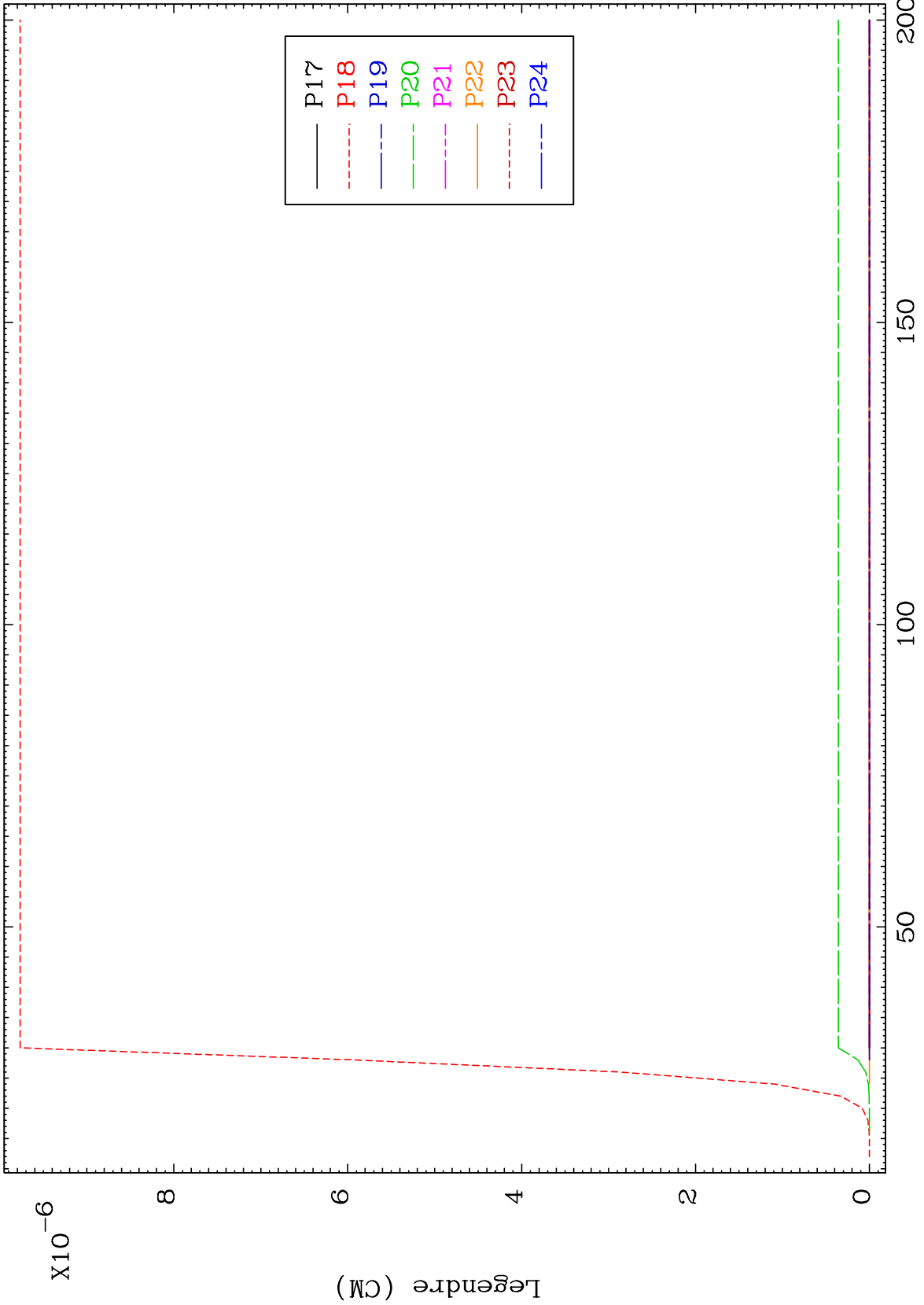
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



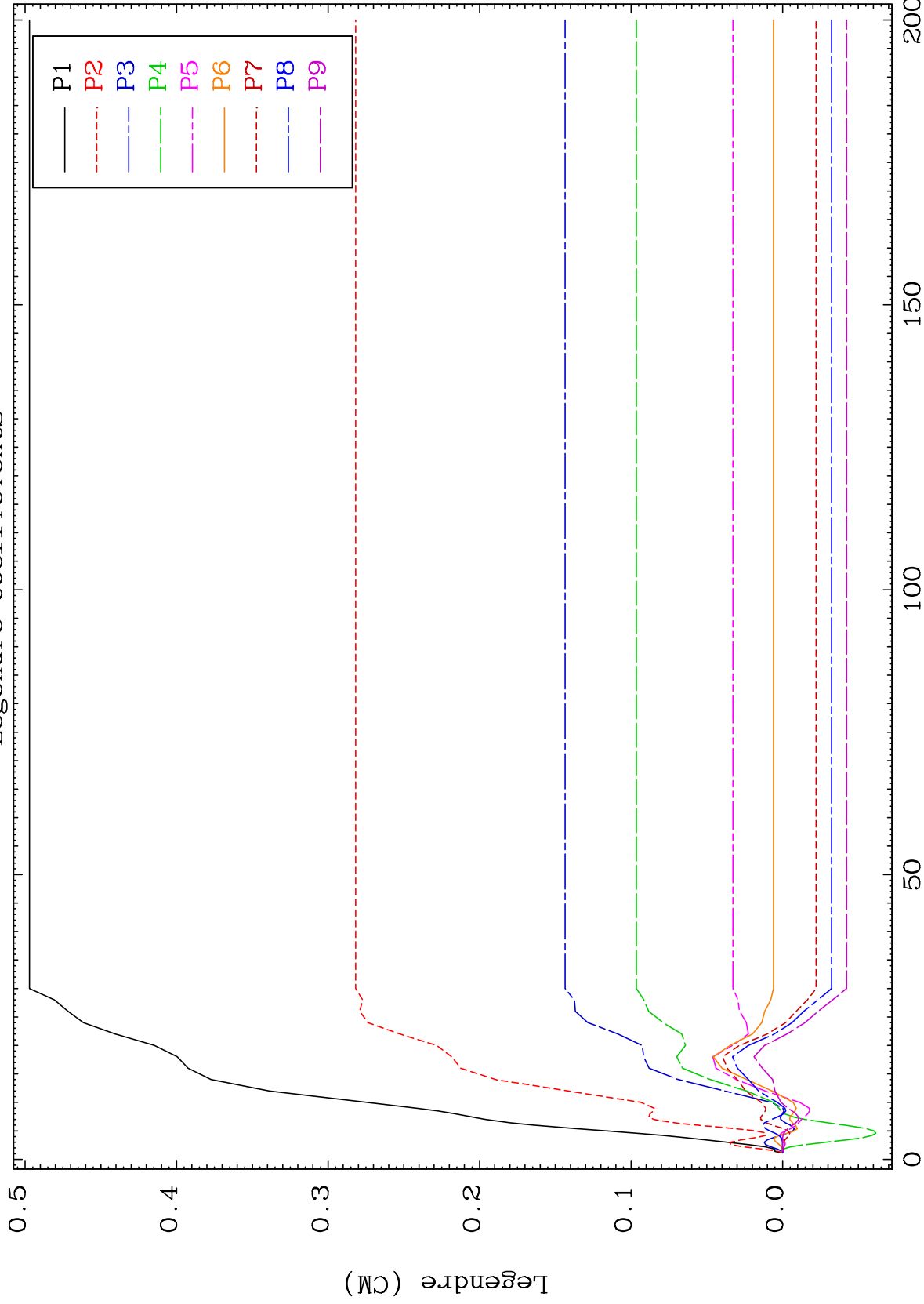
113

59-Pr-142

MAT 5928

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

59-Pr-142



114

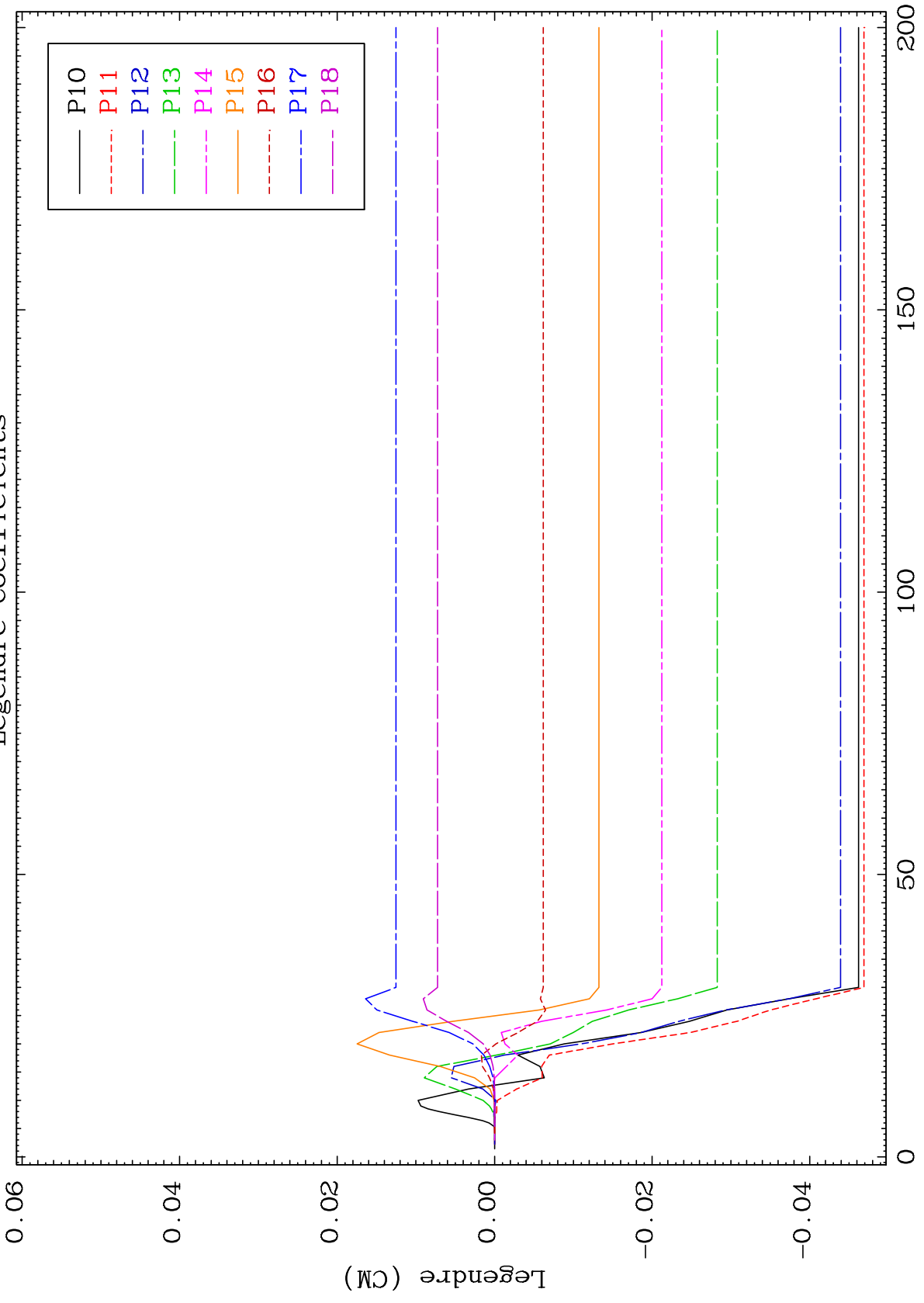
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



115

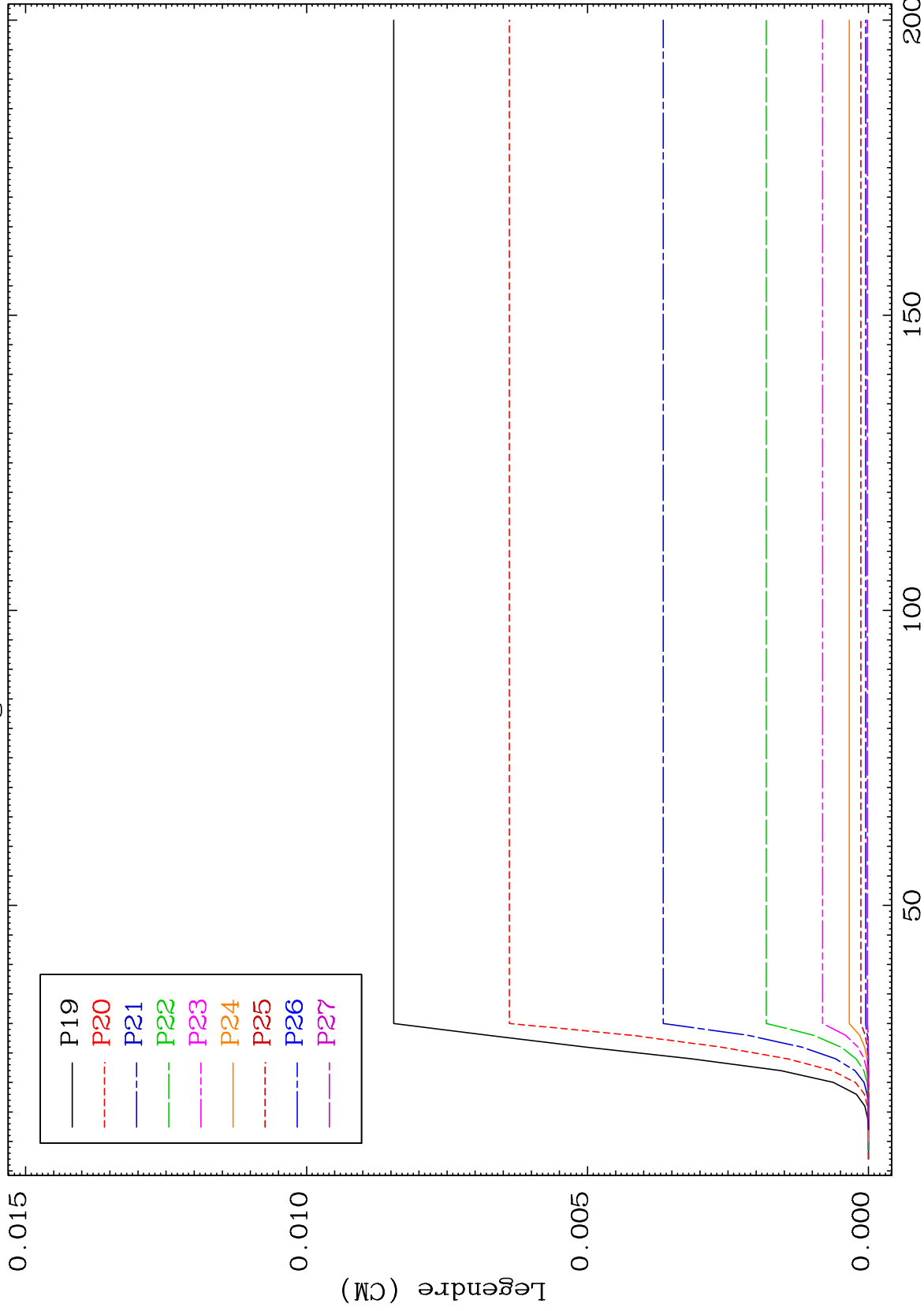
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



116

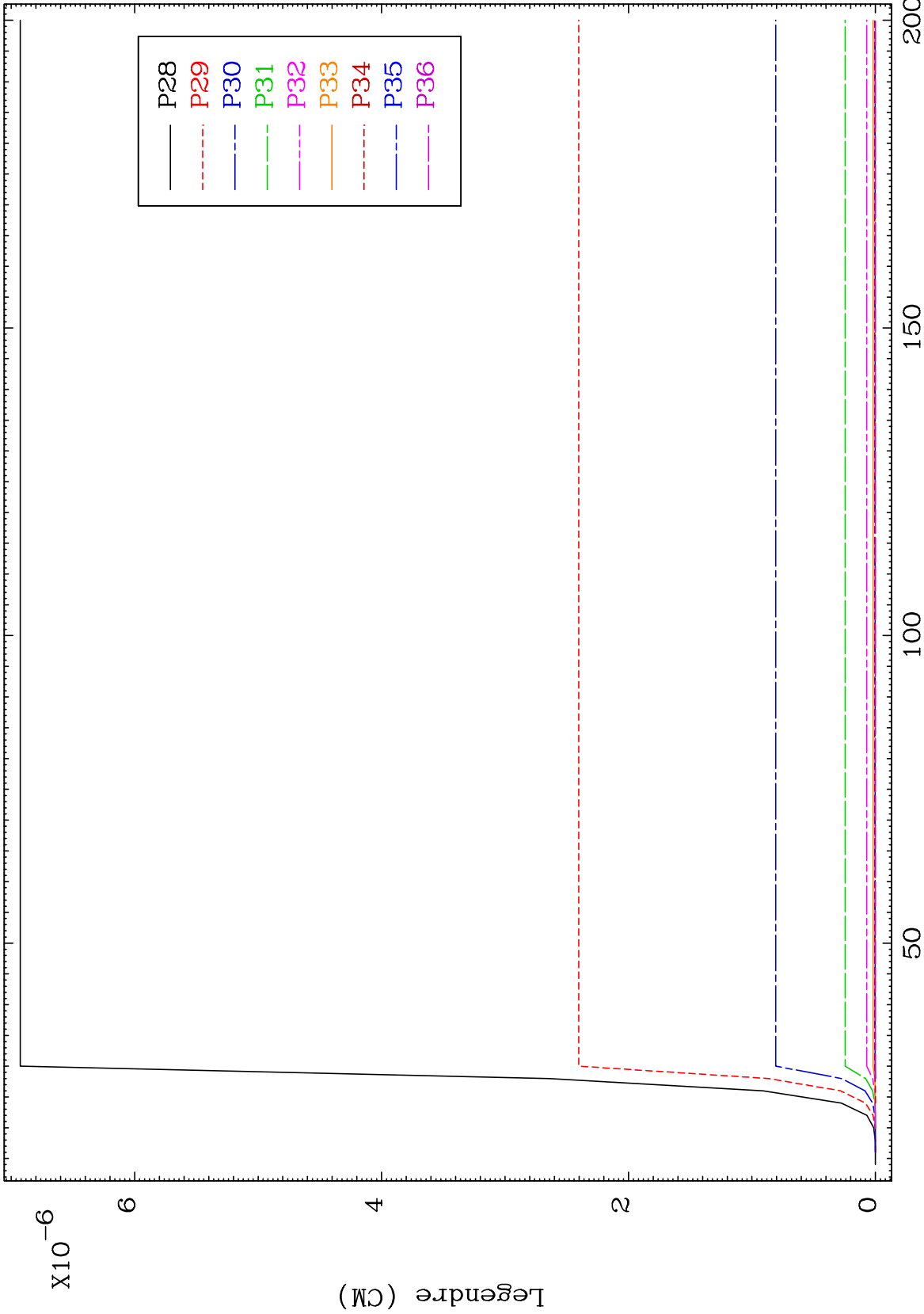
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



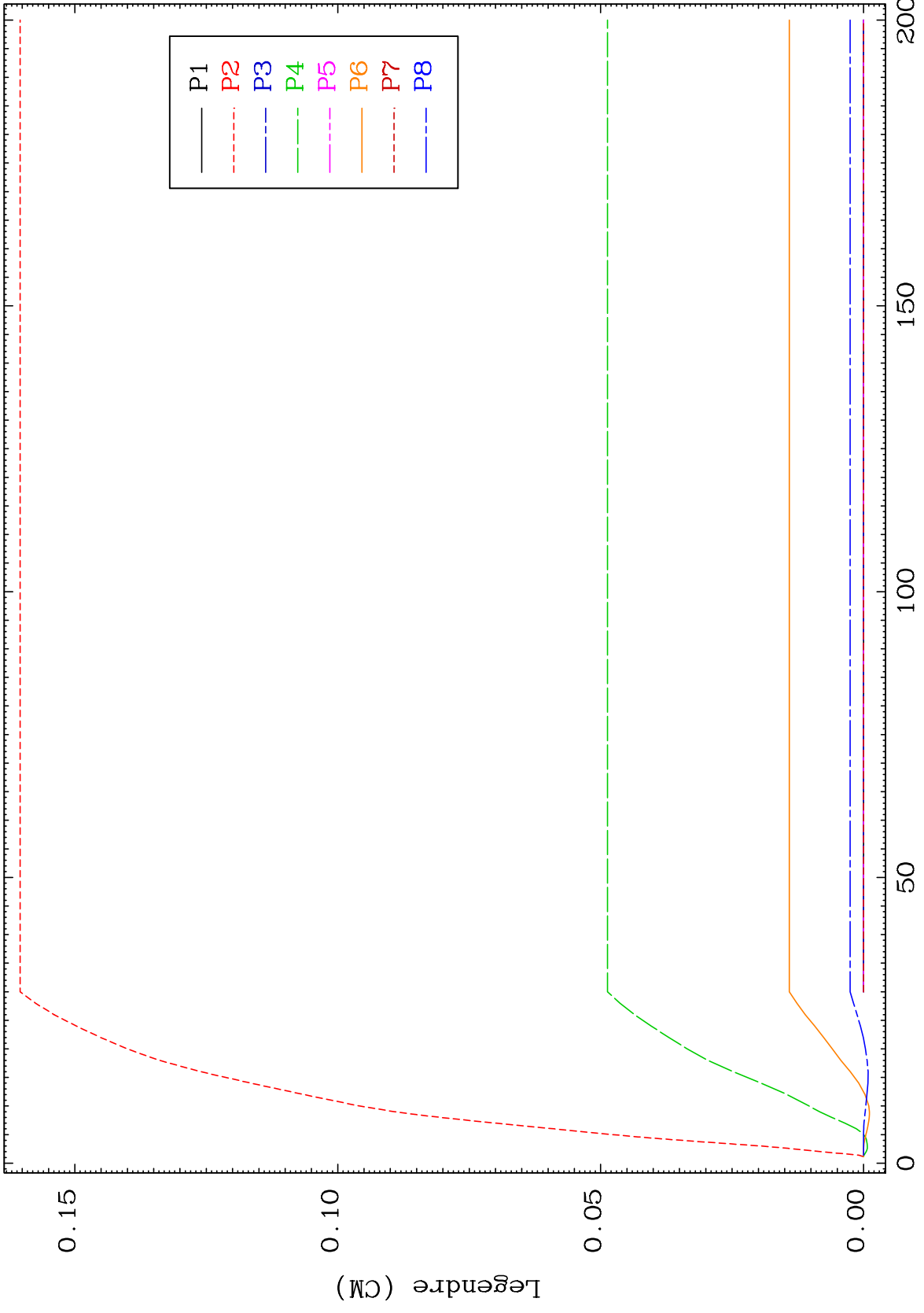
117

59-Pr-142

MAT 5928

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

59-Pr-142



118

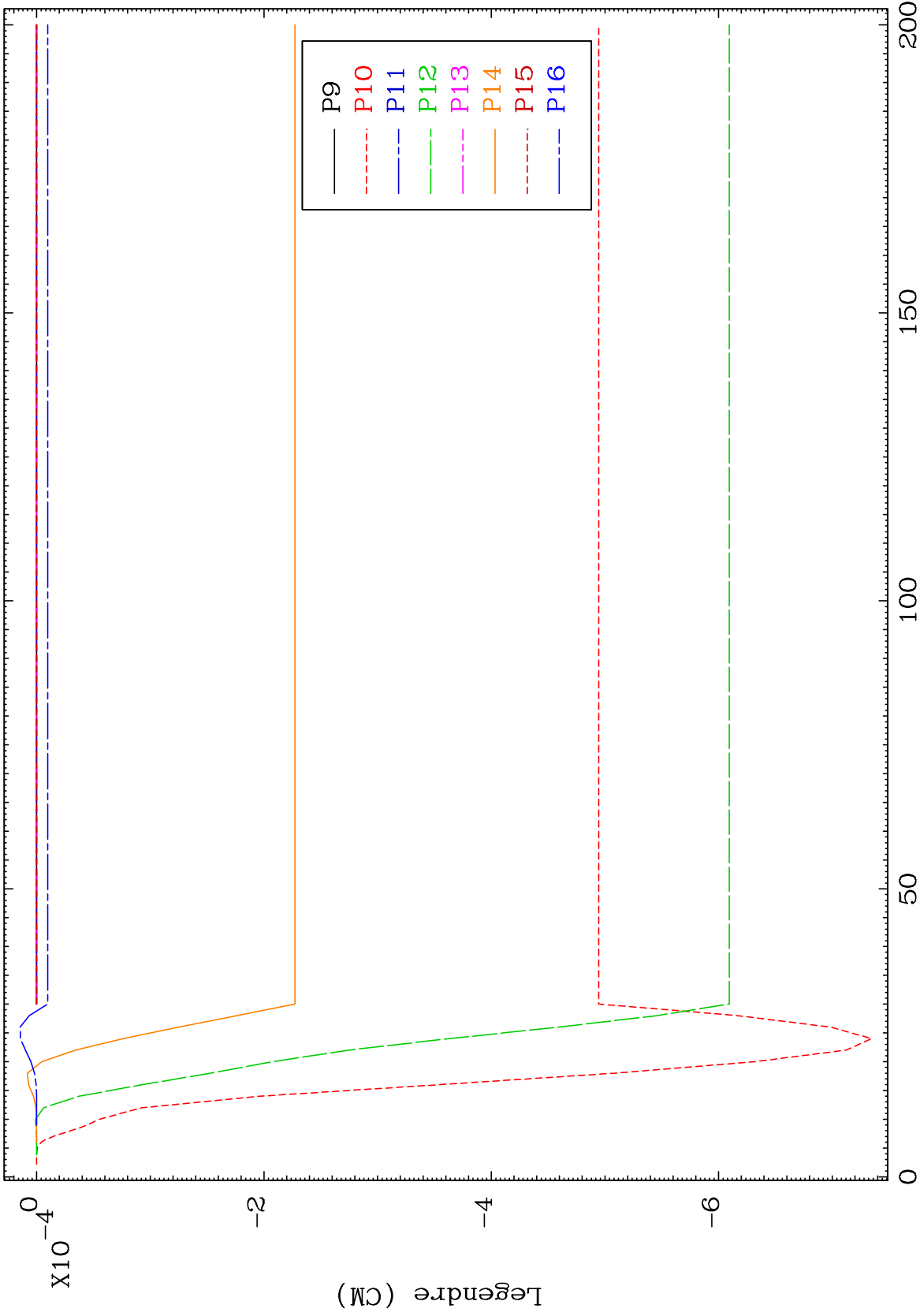
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



119

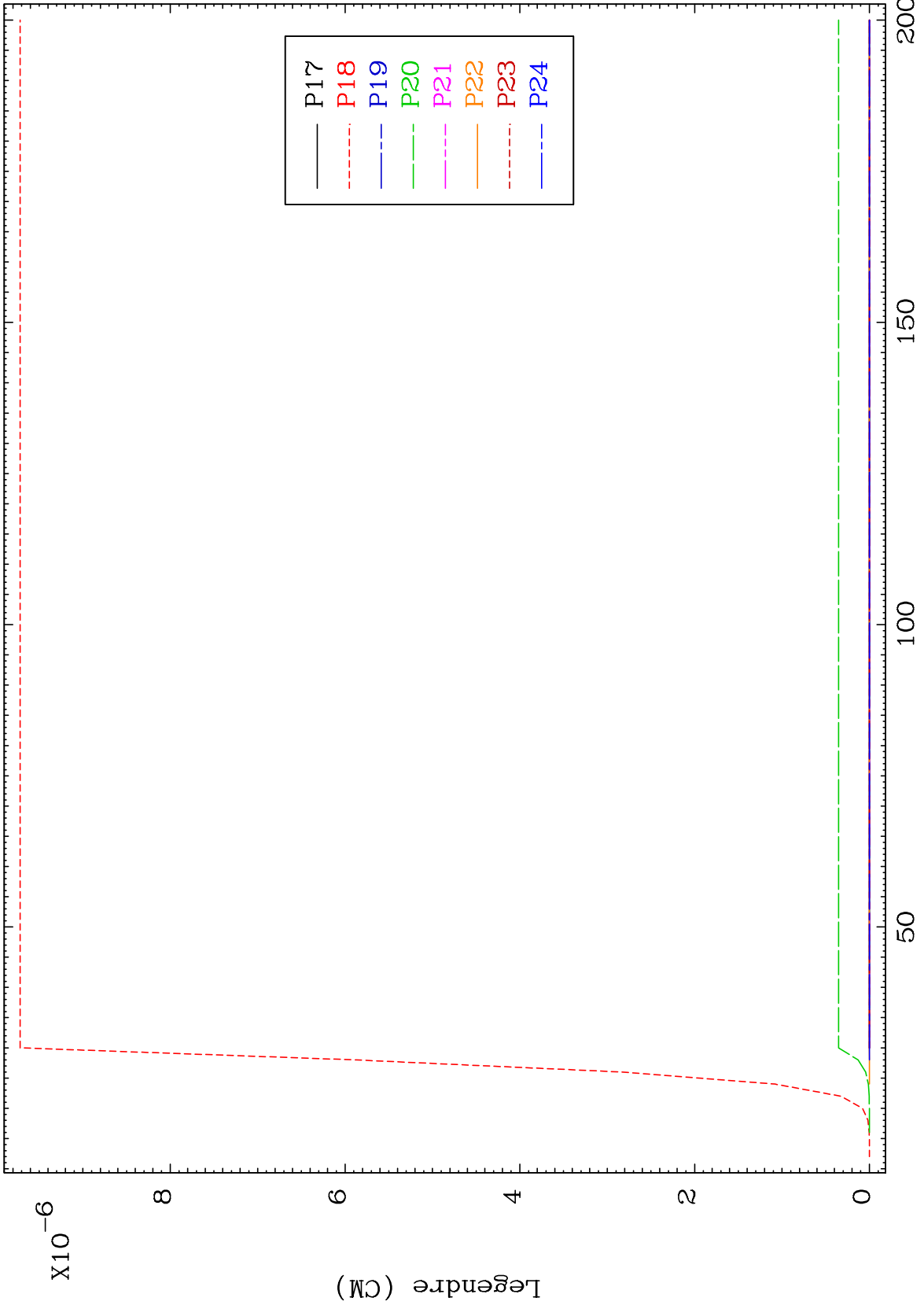
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



120

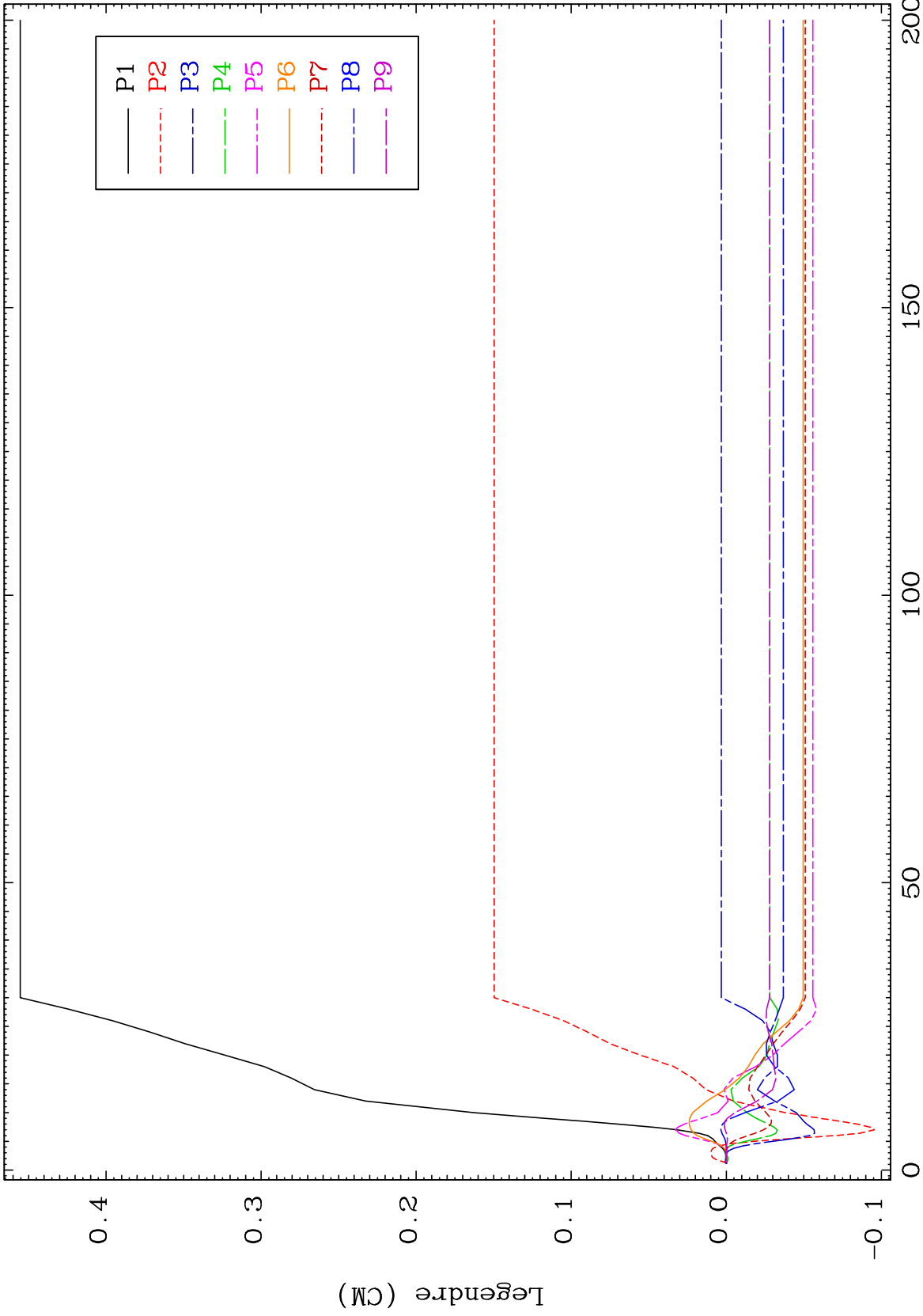
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



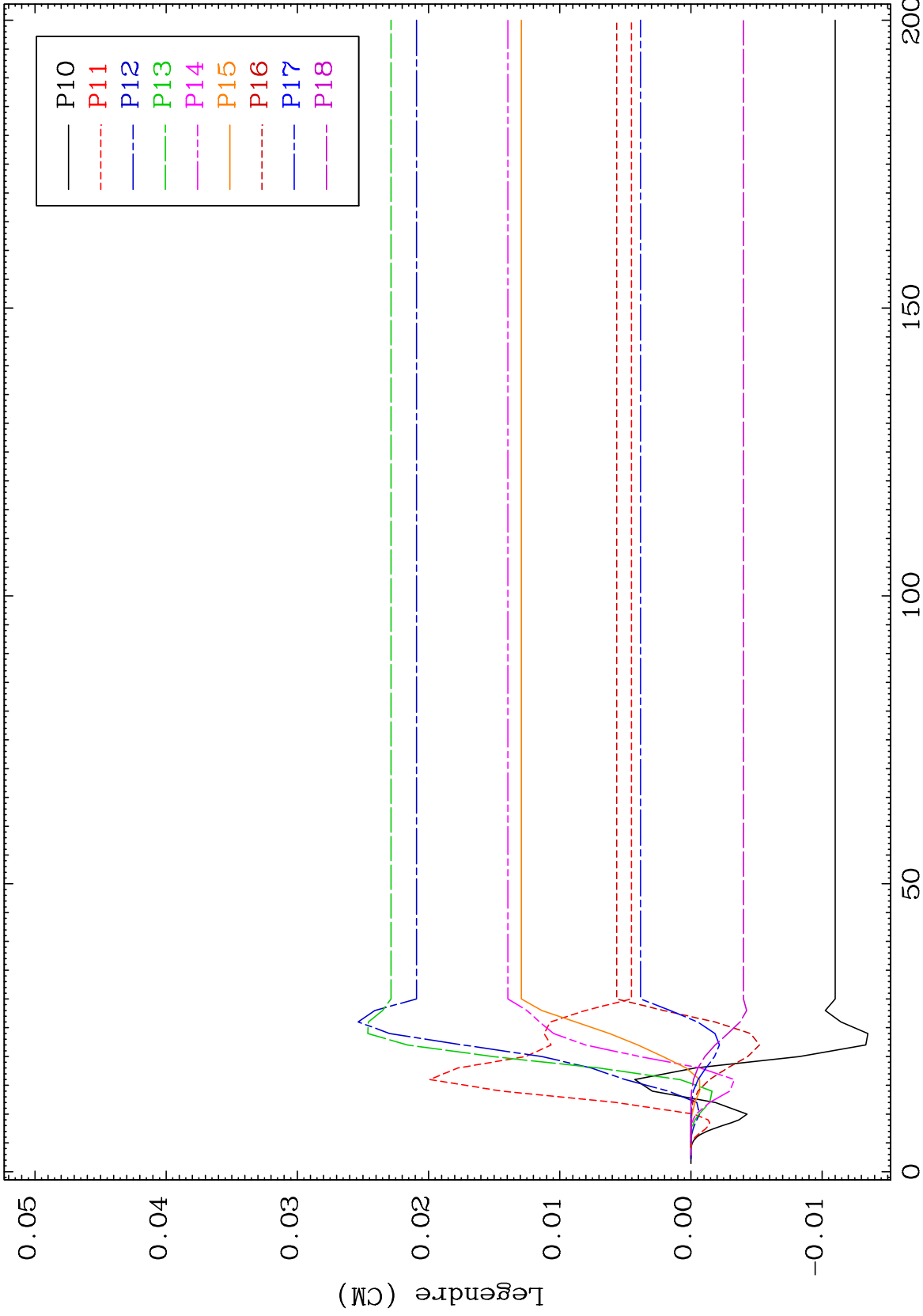
121

59-Pr-142

MAT 5928

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

59-Pr-142



122

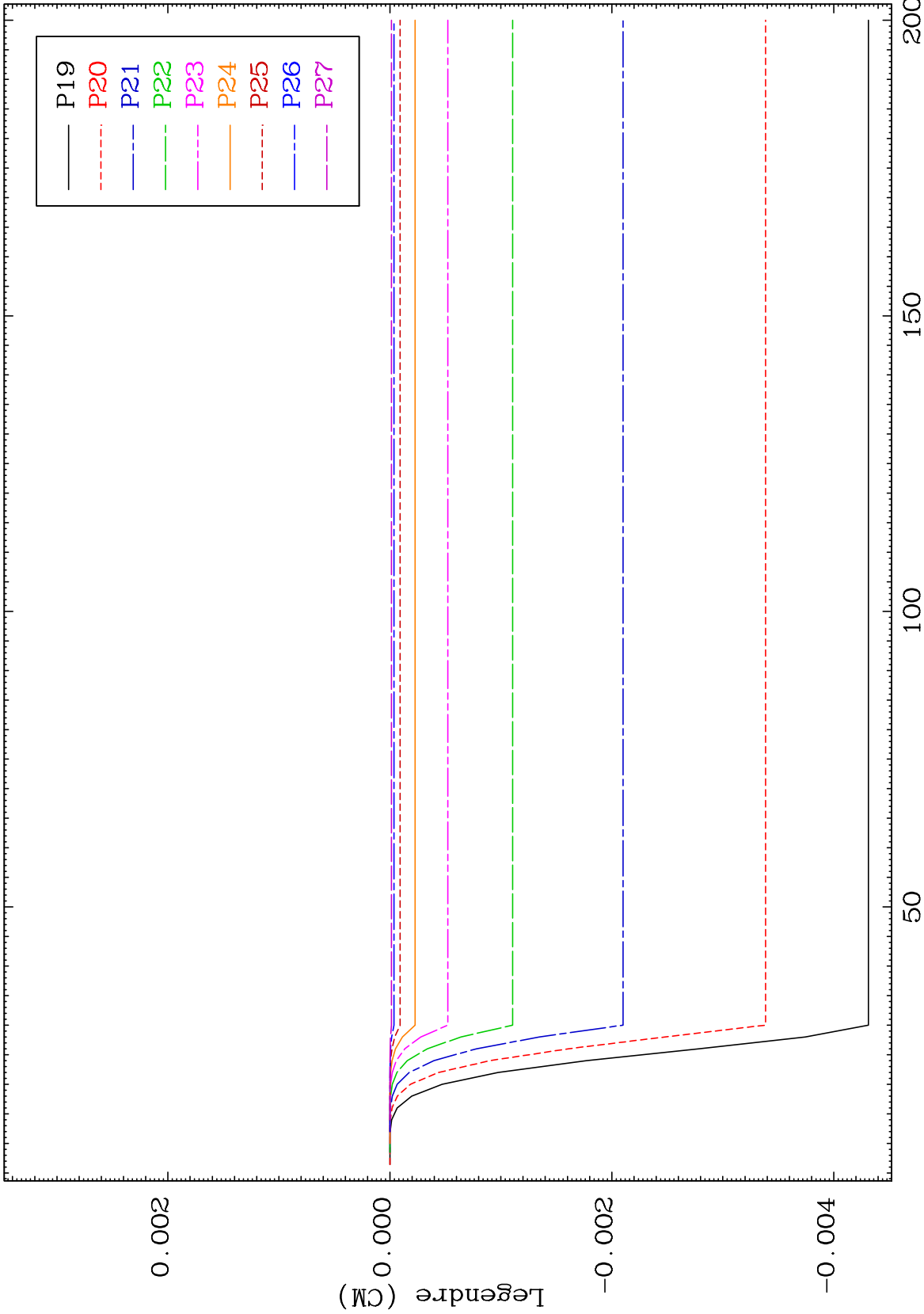
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



123

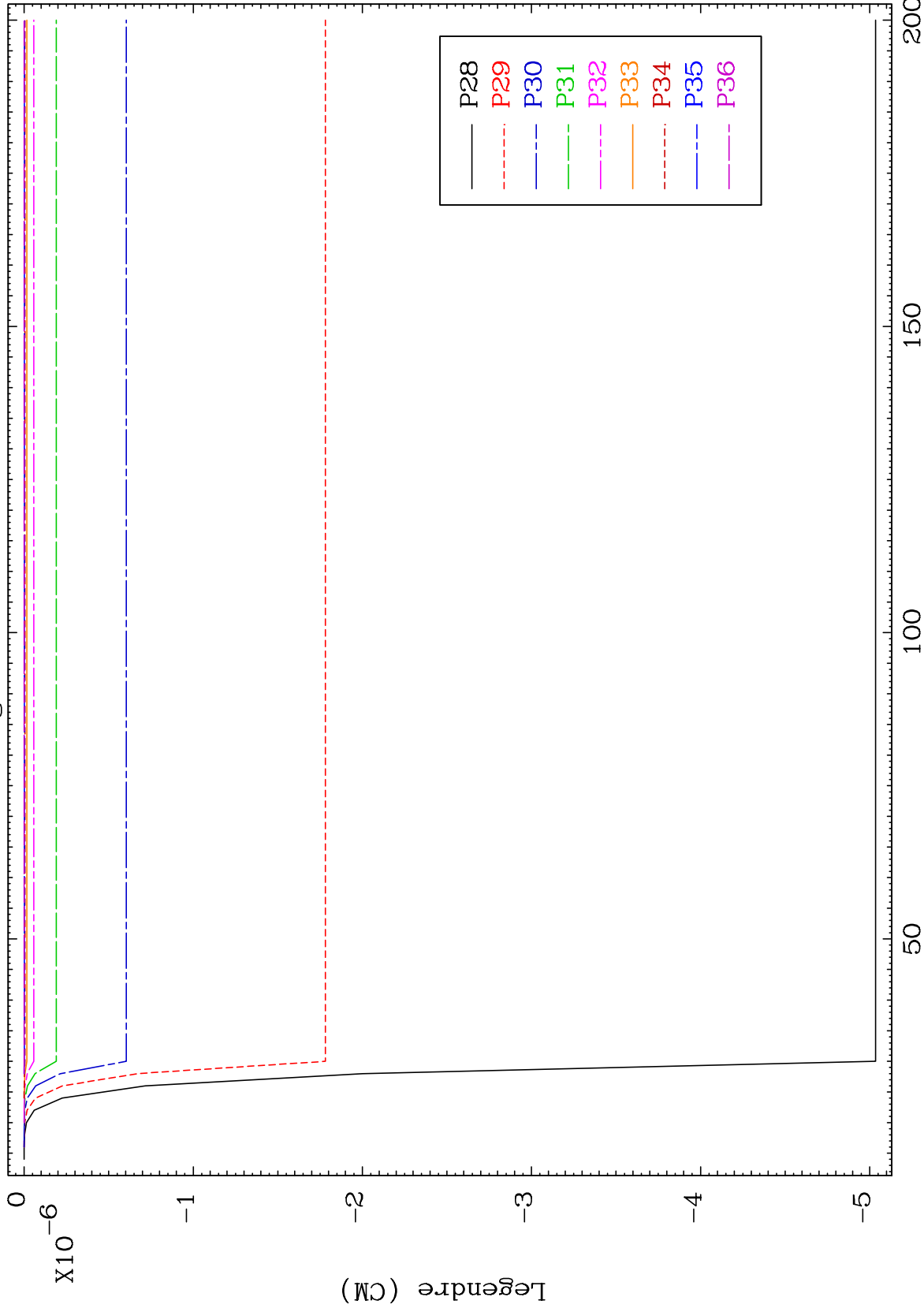
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



124

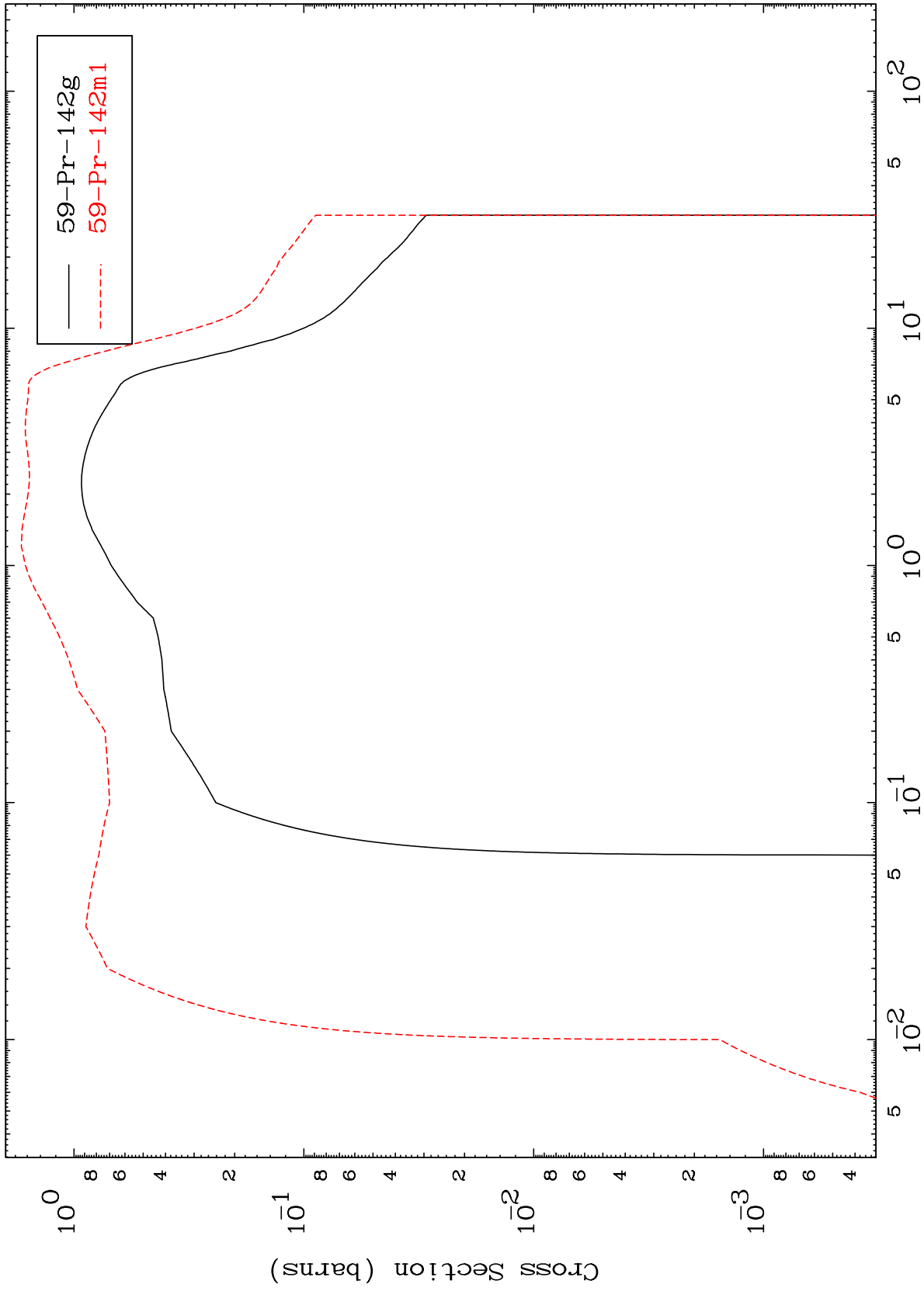
Incident Energy (MeV)

59-Pr-142

MAT 5928

59-Pr-142

Inelastic Radionuclide Production Cross Section



125

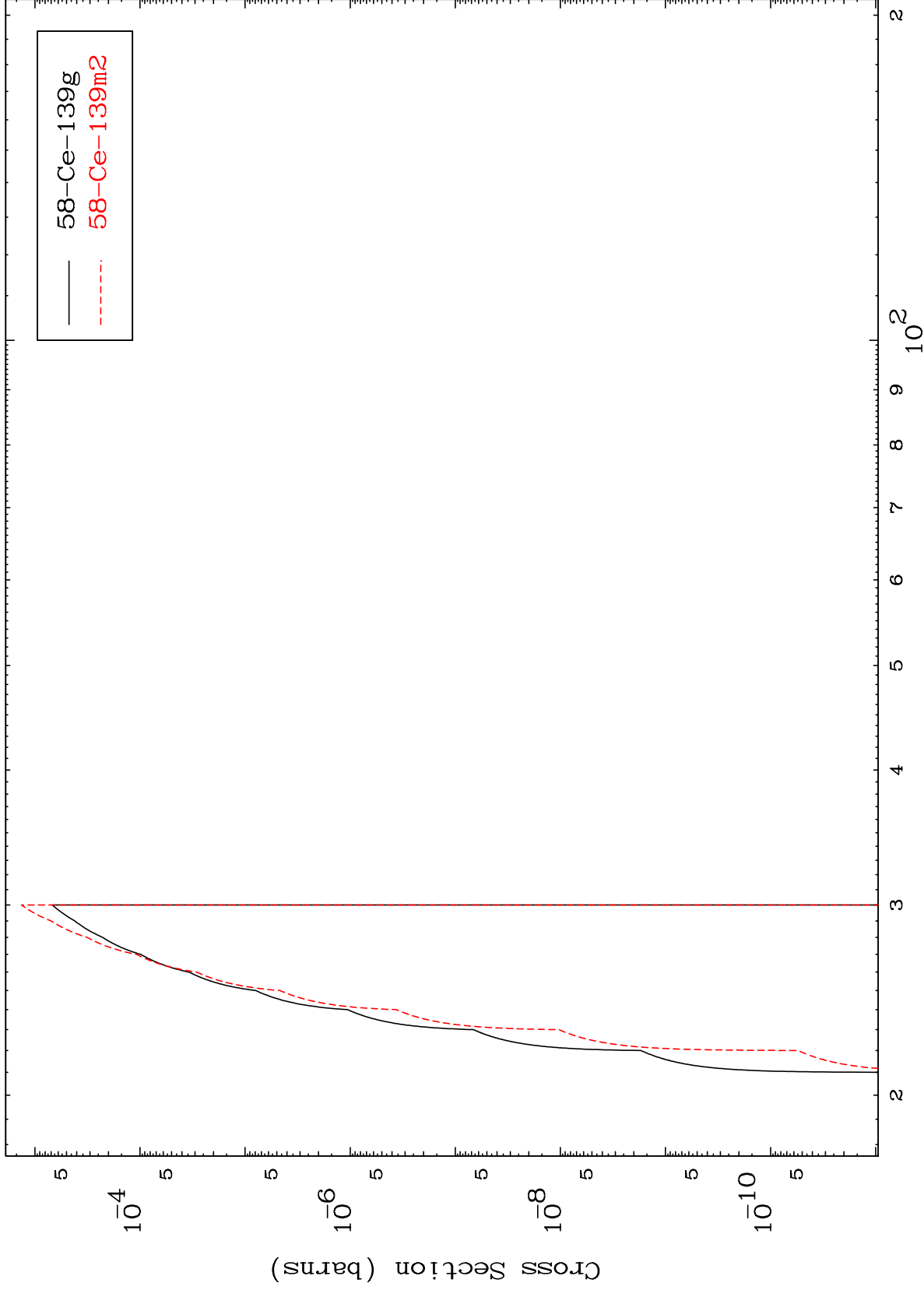
59-Pr-142

MAT 5928

(n,2n) d

59-Pr-142

Radionuclide Production Cross Section



126

Incident Energy (MeV)

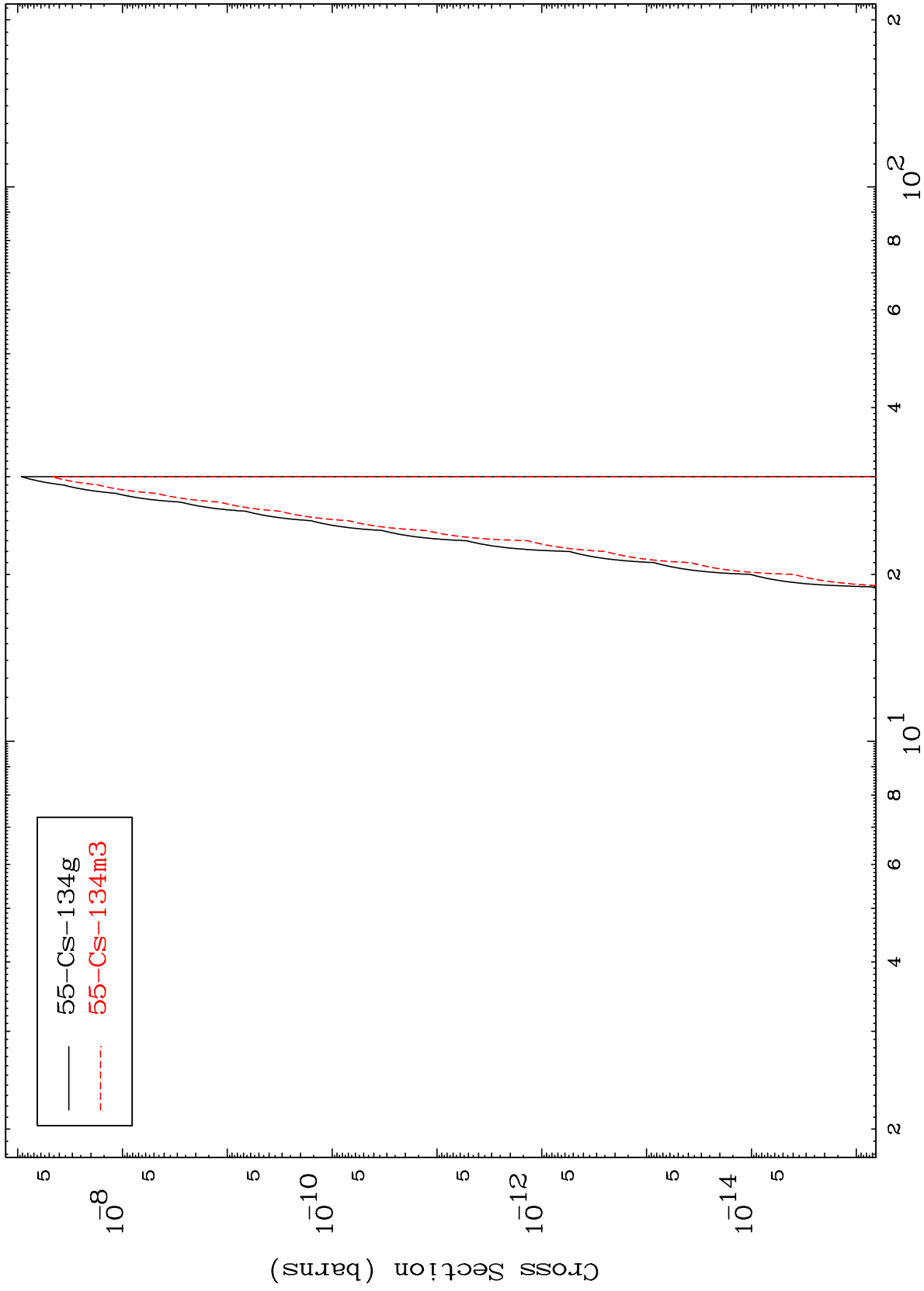
59-Pr-142

MAT 5928

(n,n') 2α

59-Pr-142

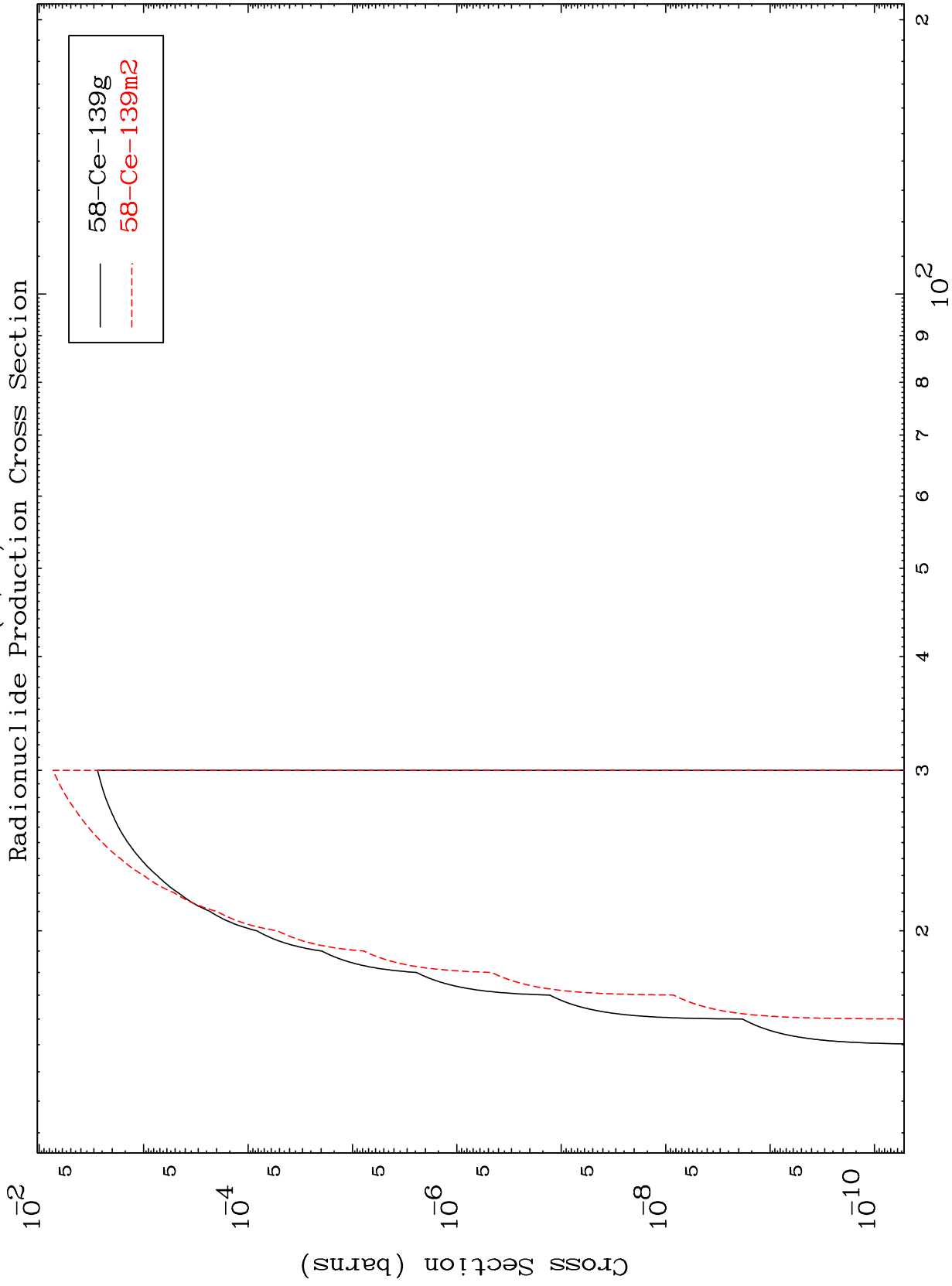
Radionuclide Production Cross Section



127

Incident Energy (MeV)

59-Pr-142

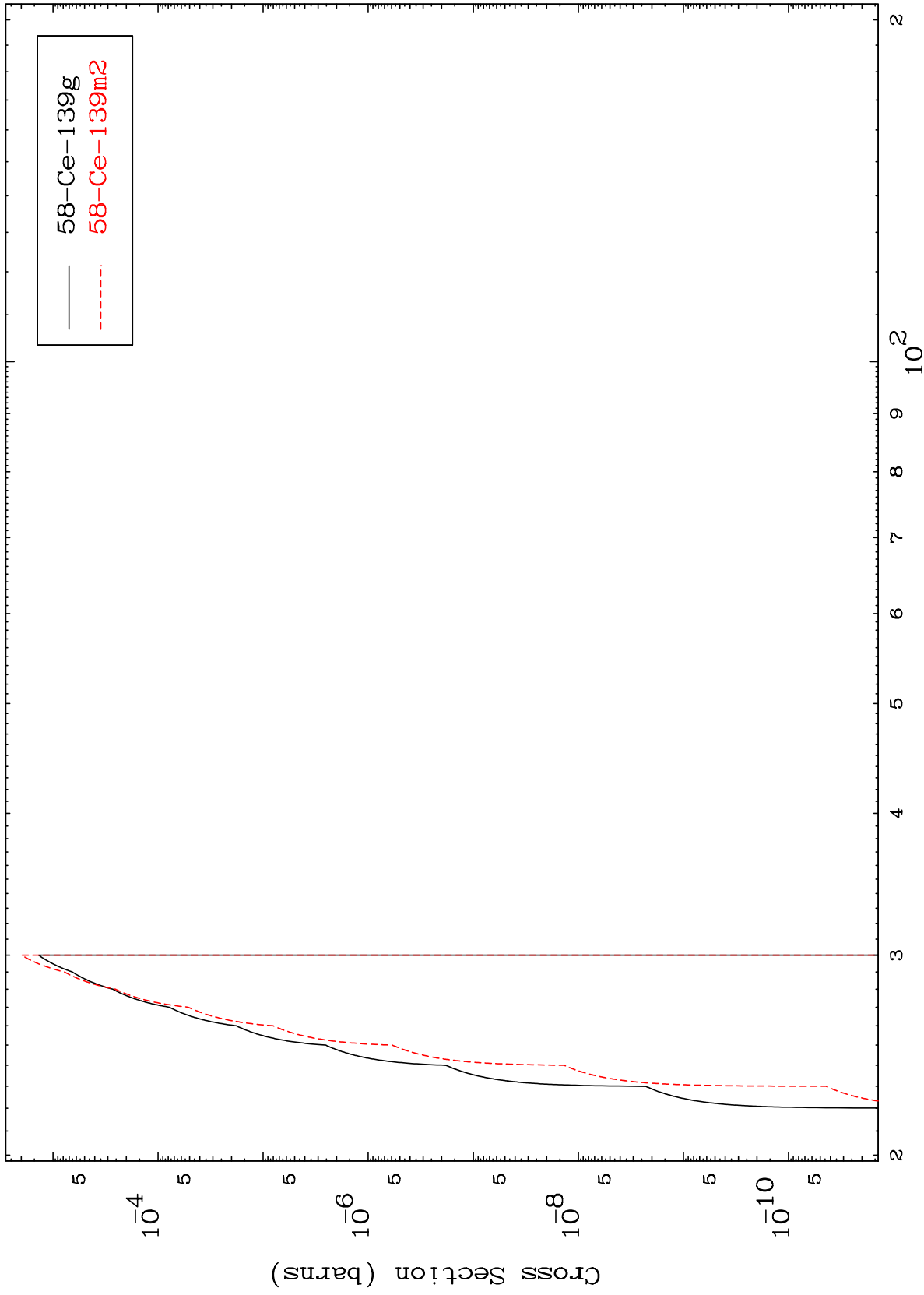


MAT 5928

(n,3n) p

59-Pr-142

Radionuclide Production Cross Section



129

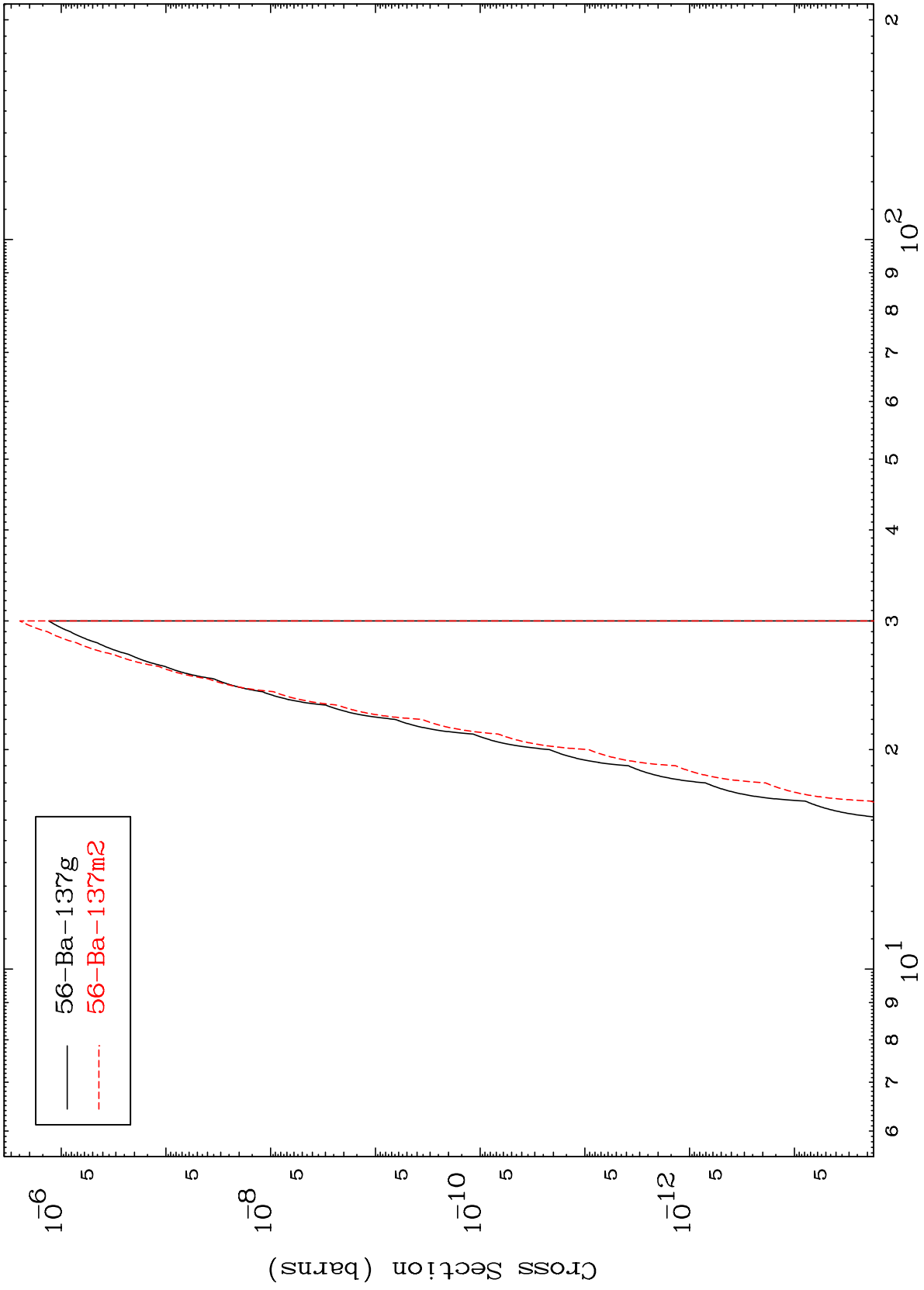
Incident Energy (MeV)

59-Pr-142

MAT 5928

59-Pr-142

(n,n') p α
Radionuclide Production Cross Section



130

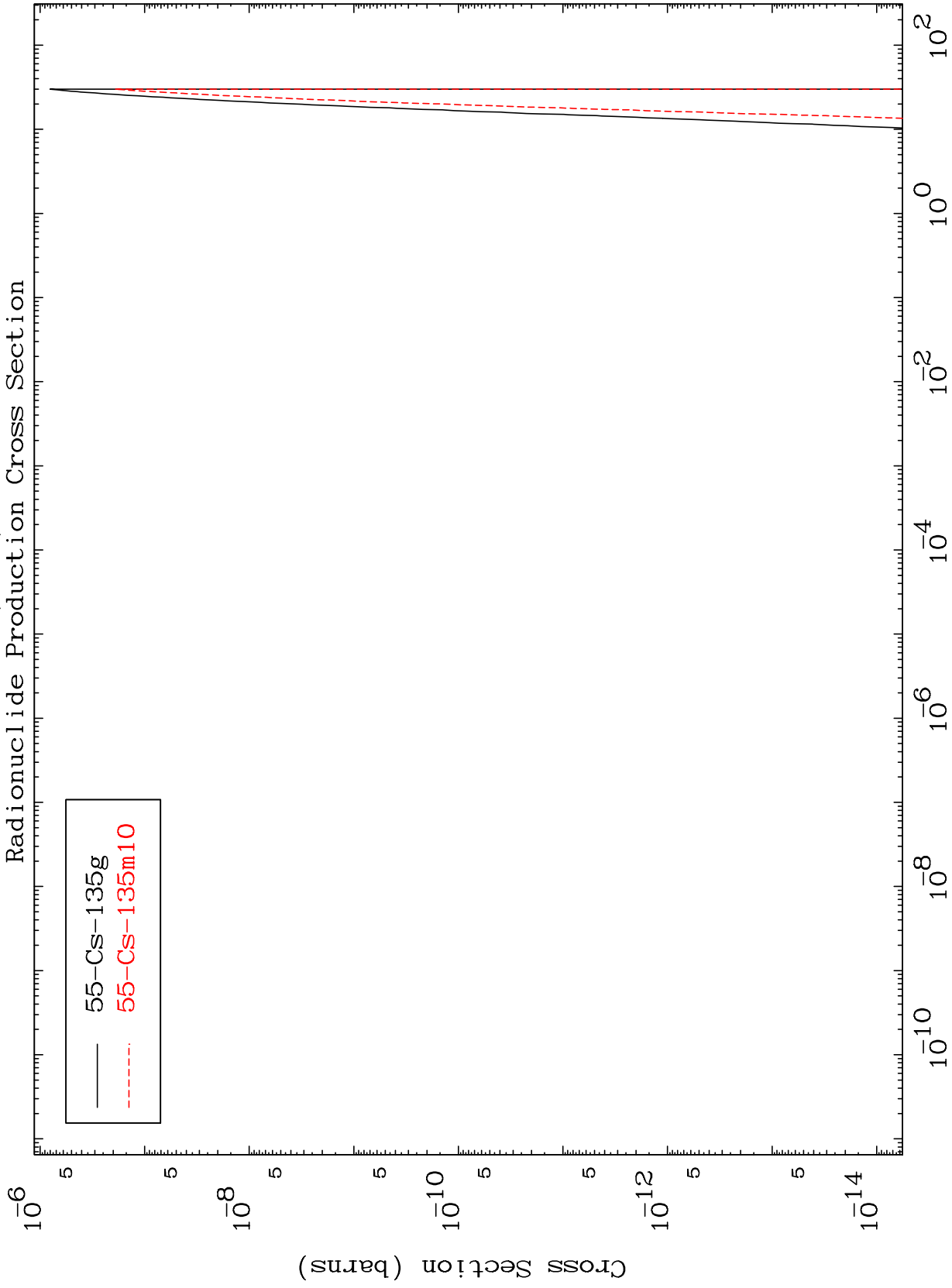
59-Pr-142

MAT 5928

(n,2α)

59-Pr-142

Radionuclide Production Cross Section



131

Incident Energy (MeV)

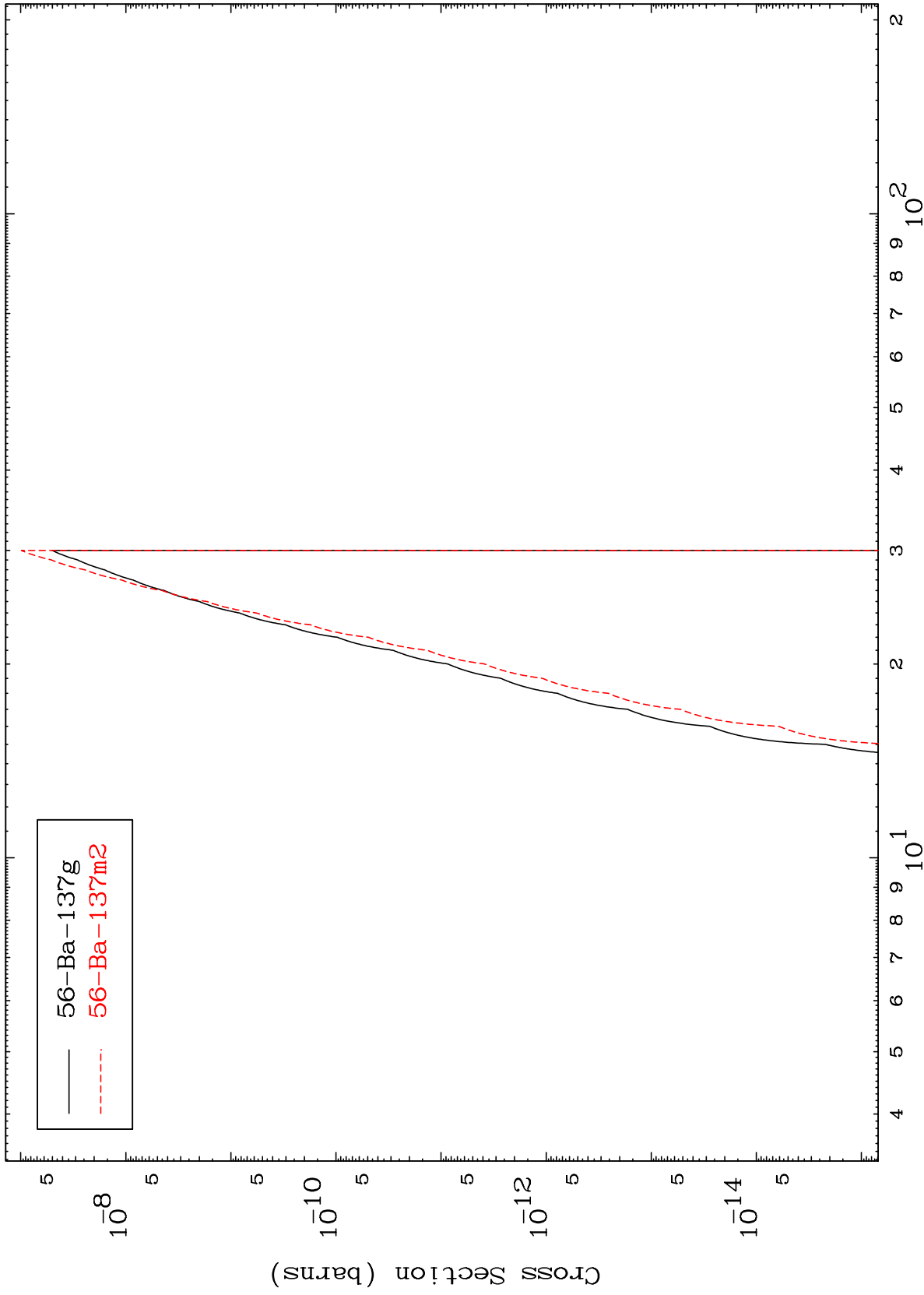
59-Pr-142

MAT 5928

(n,d) α

59-Pr-142

Radionuclide Production Cross Section



132

Incident Energy (MeV)

59-Pr-142