

Program EVALPLOT
(Version 2018-1)

by

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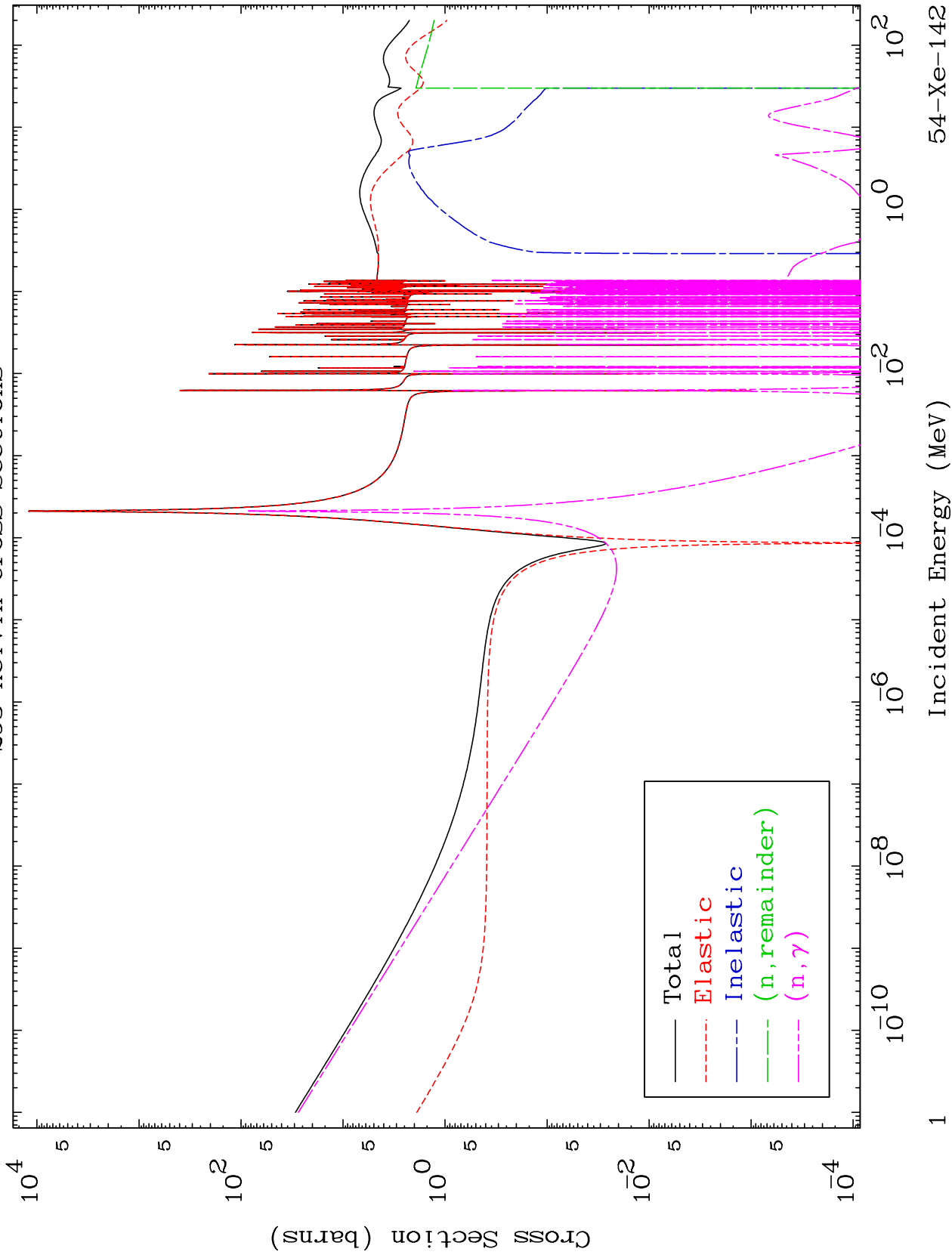
Press Mouse Button to Start

MAT 5479

Major

293 Kelvin Cross Sections

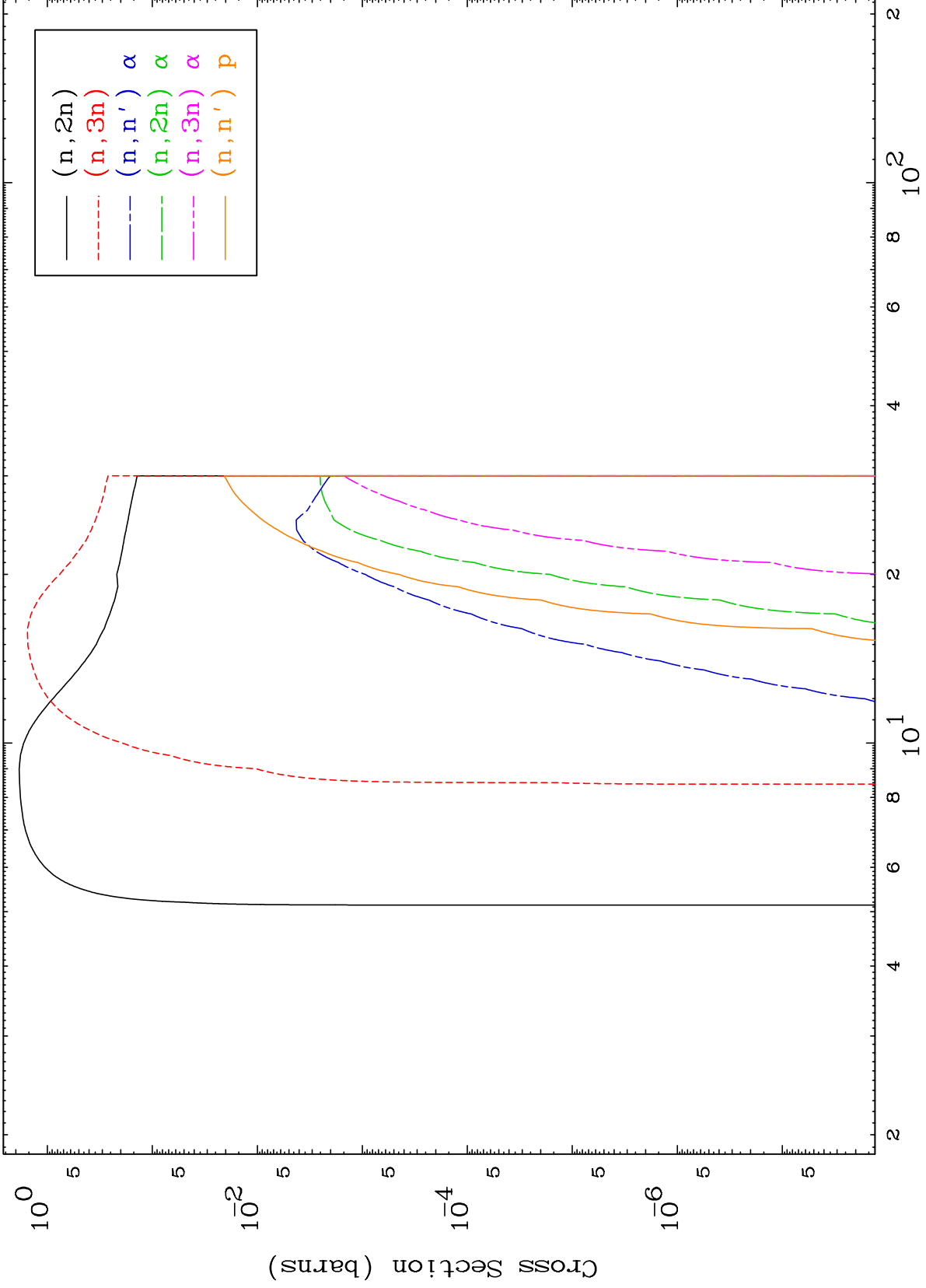
54-Xe-142



MAT 5479

Neutron Production
293 Kelvin Cross Sections

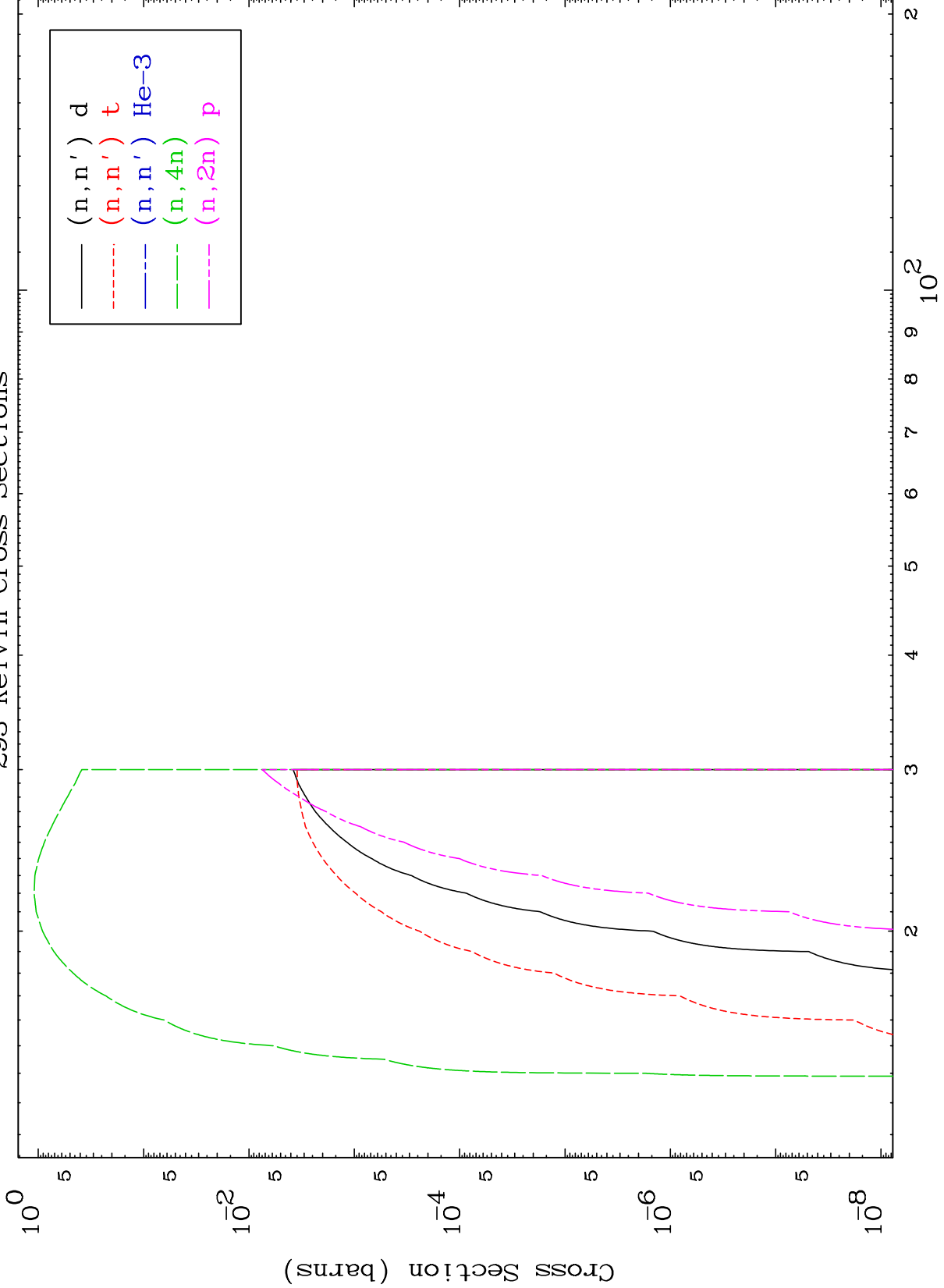
54-Xe-142



2

Incident Energy (MeV)

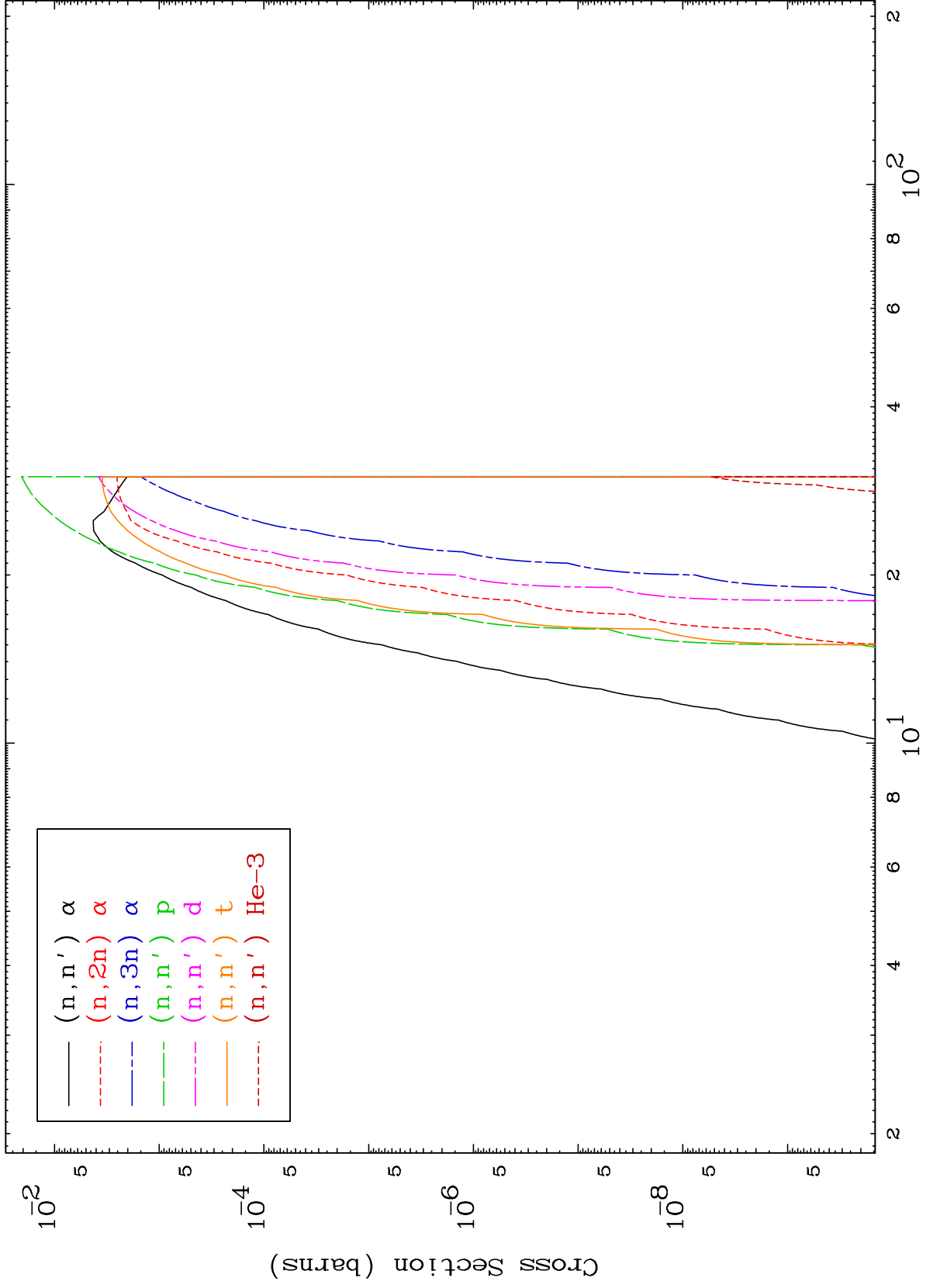
54-Xe-142



MAT 5479

Charged Particle
293 Kelvin Cross Sections

54-Xe-142



4

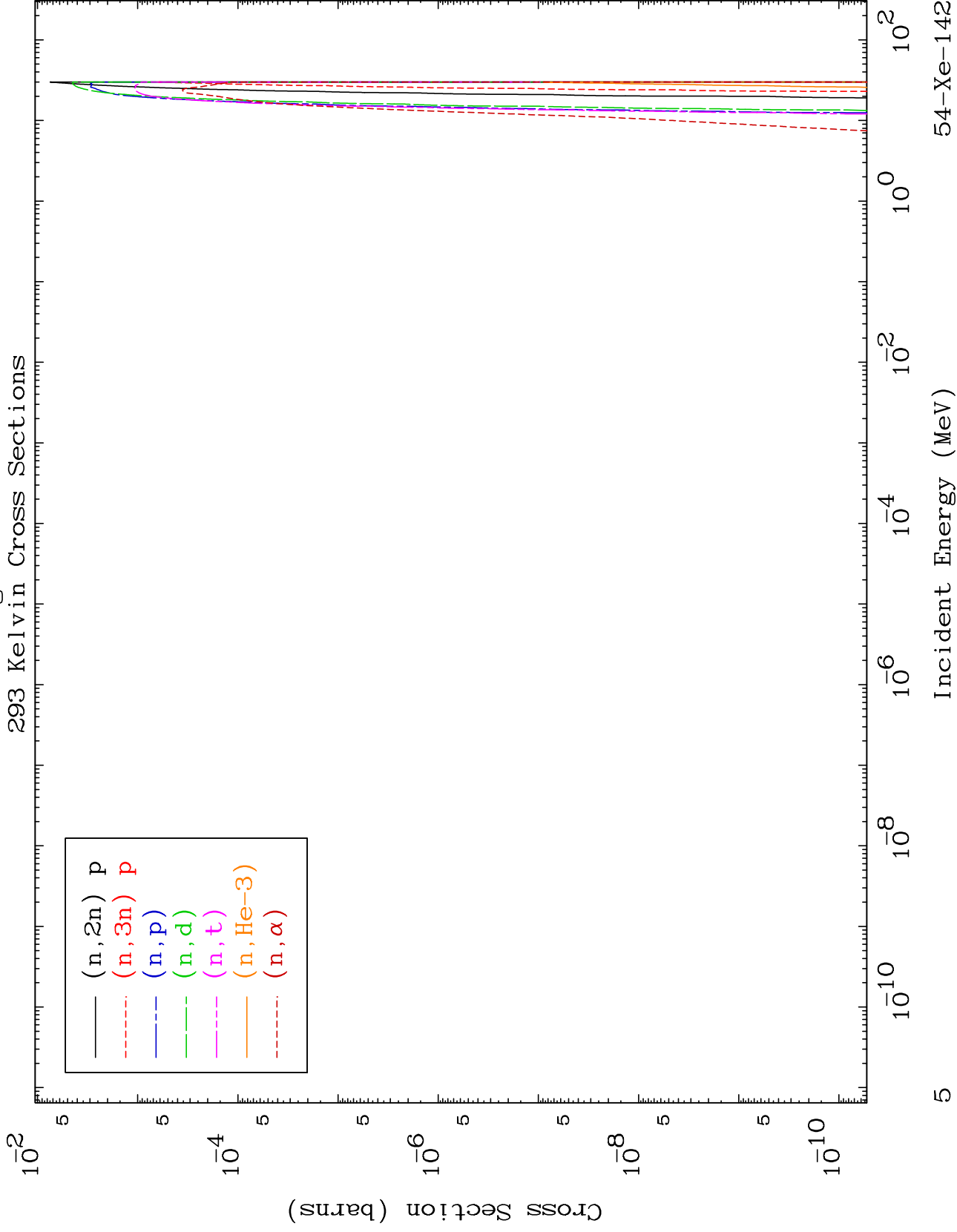
Incident Energy (MeV)

54-Xe-142

MAT 5479

Charged Particle
293 Kelvin Cross Sections

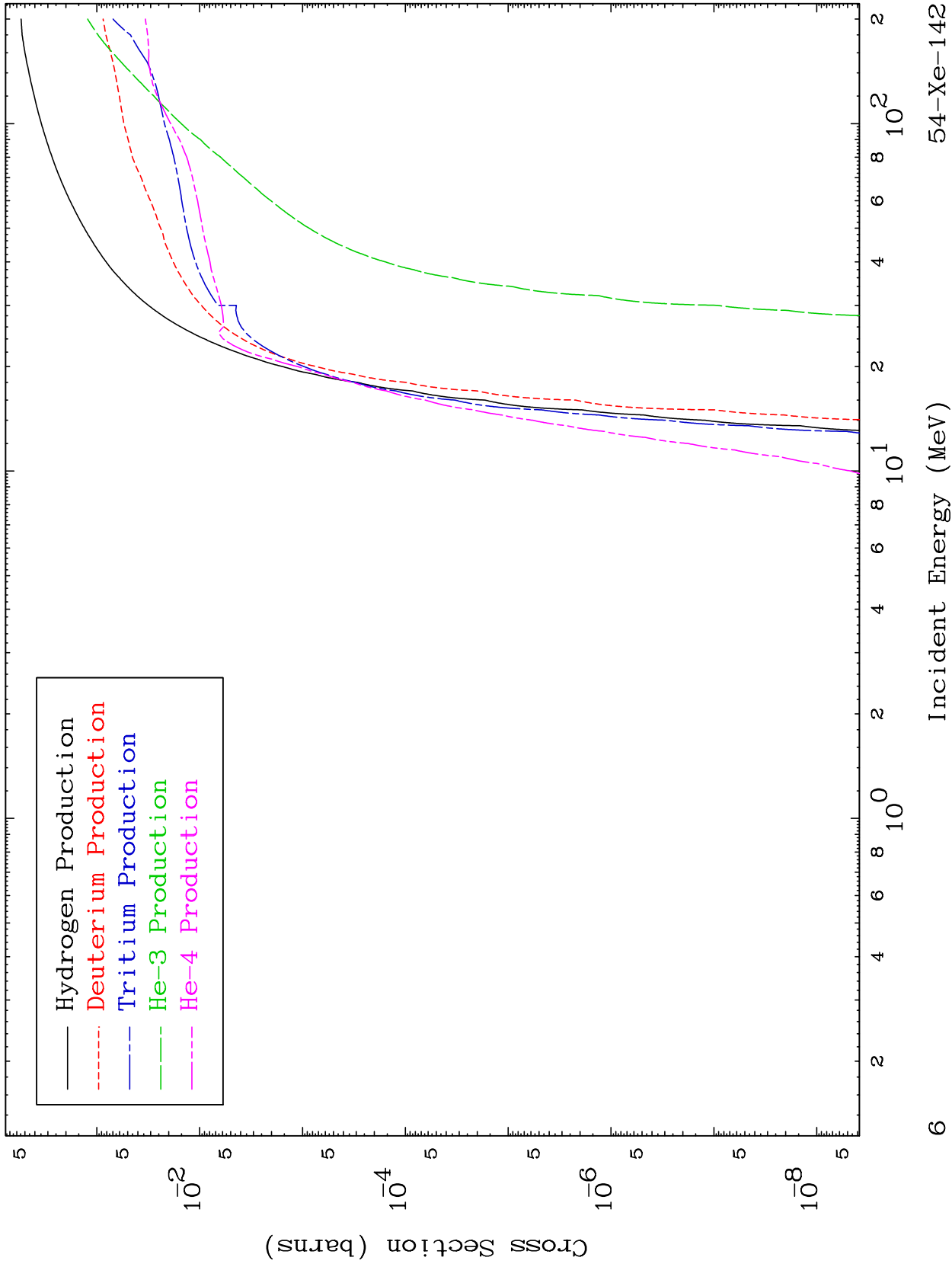
54-Xe-142

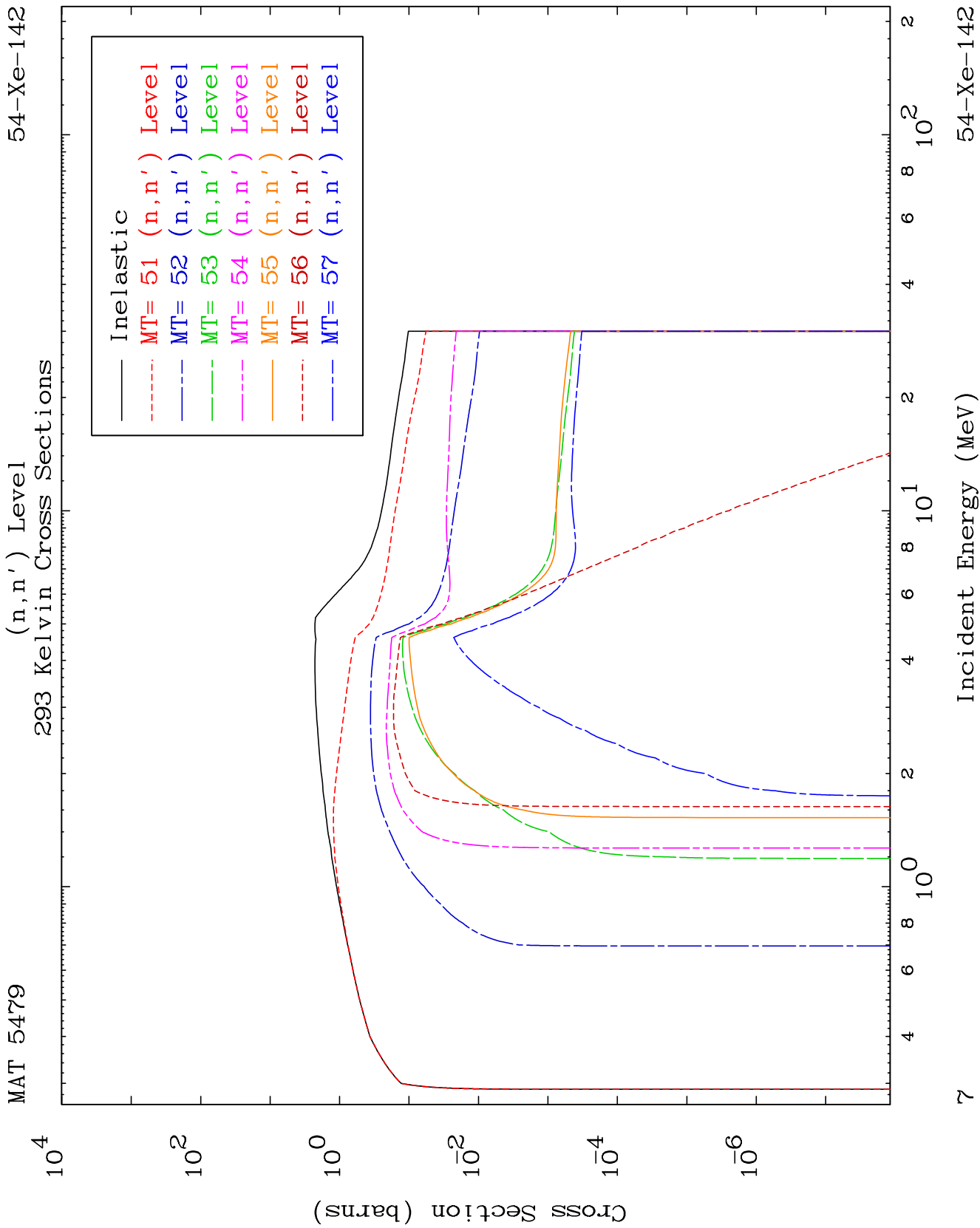


MAT 5479

Particle Production
293 Kelvin Cross Sections

54-Xe-142



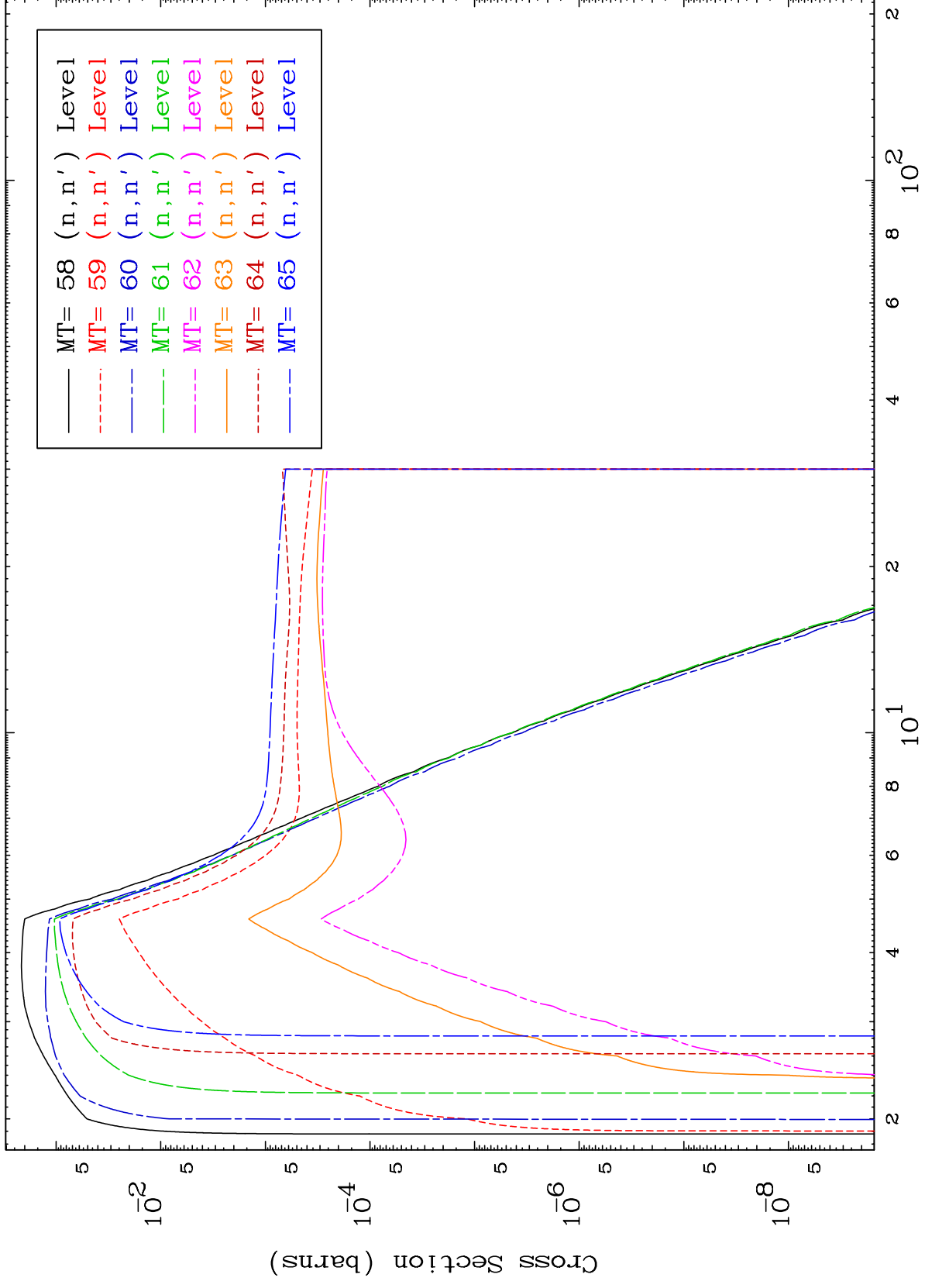


MAT 5479

(n,n') Level

293 Kelvin Cross Sections

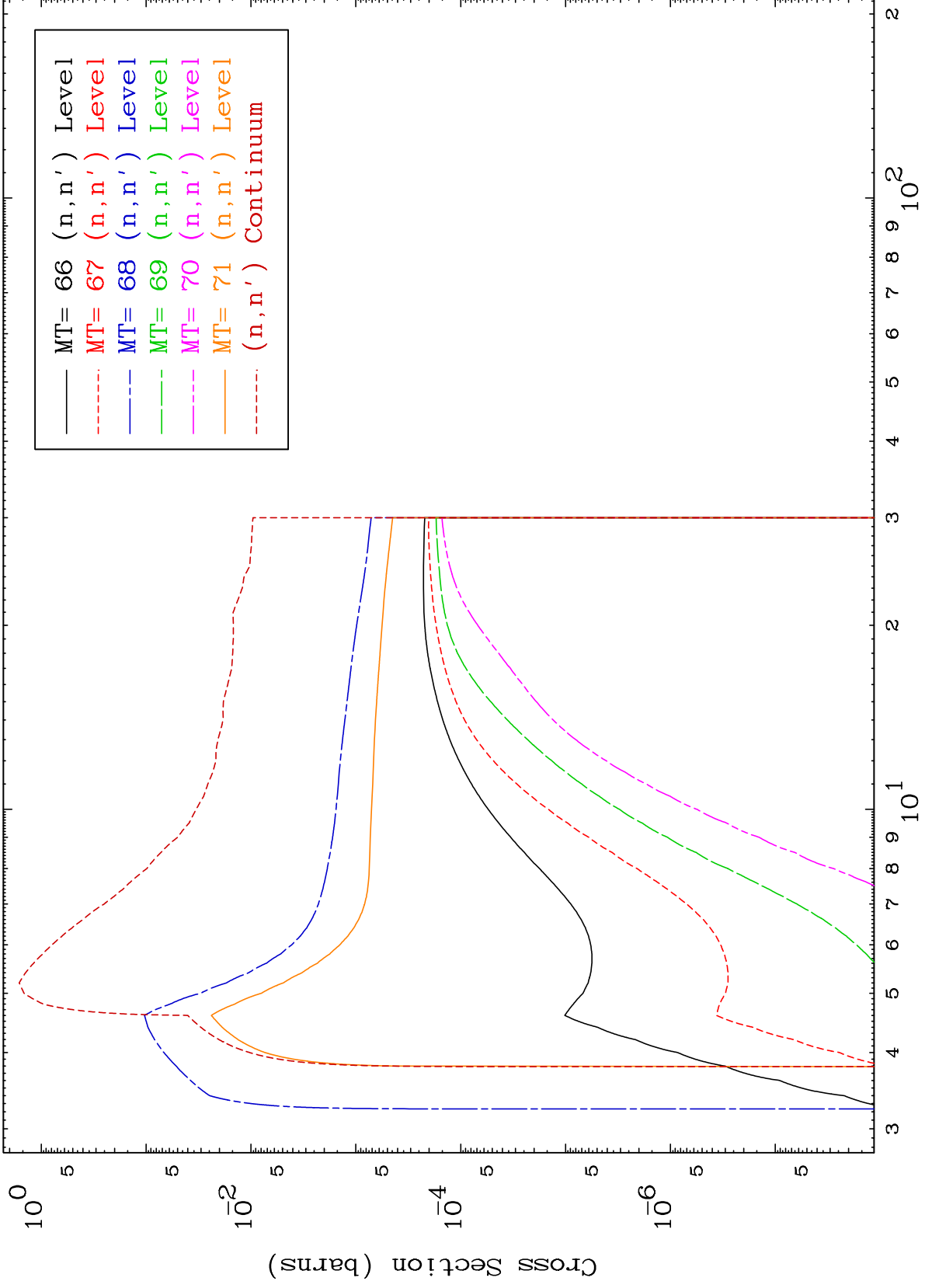
54-Xe-142



8

Incident Energy (MeV)

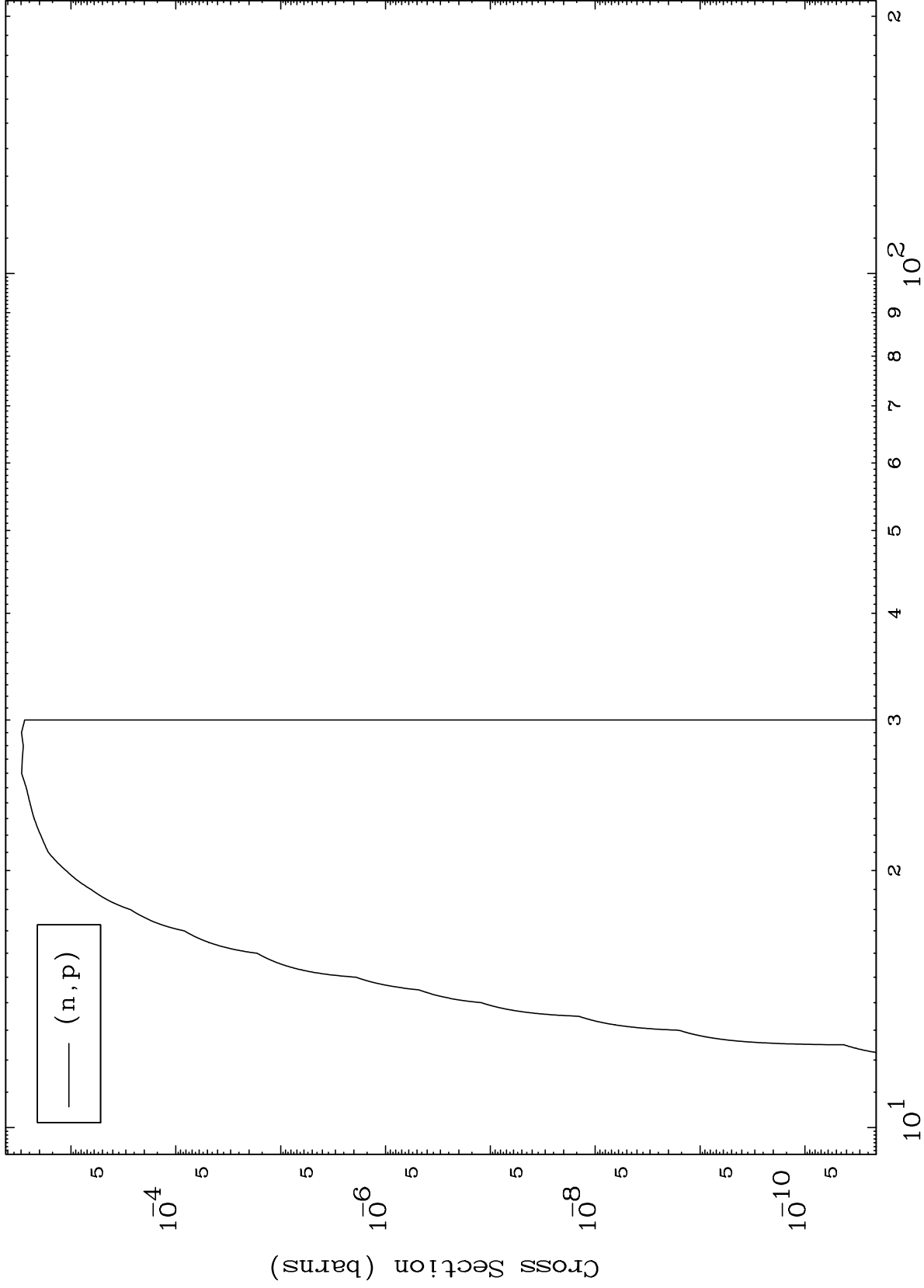
54-Xe-142



MAT 5479

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-142



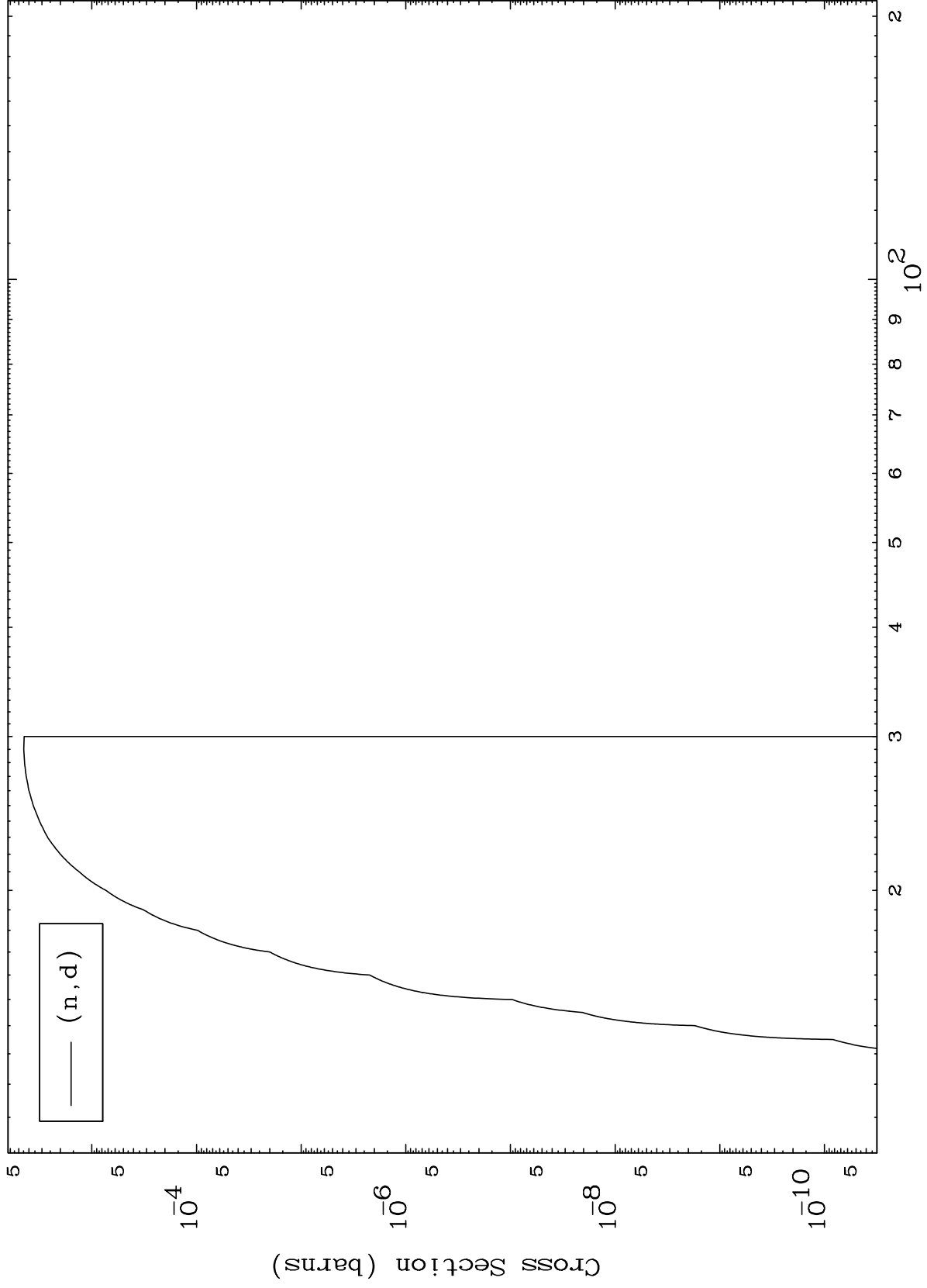
Incident Energy (MeV)

54-Xe-142

MAT 5479

(n,d) Levels
293 Kelvin Cross Sections

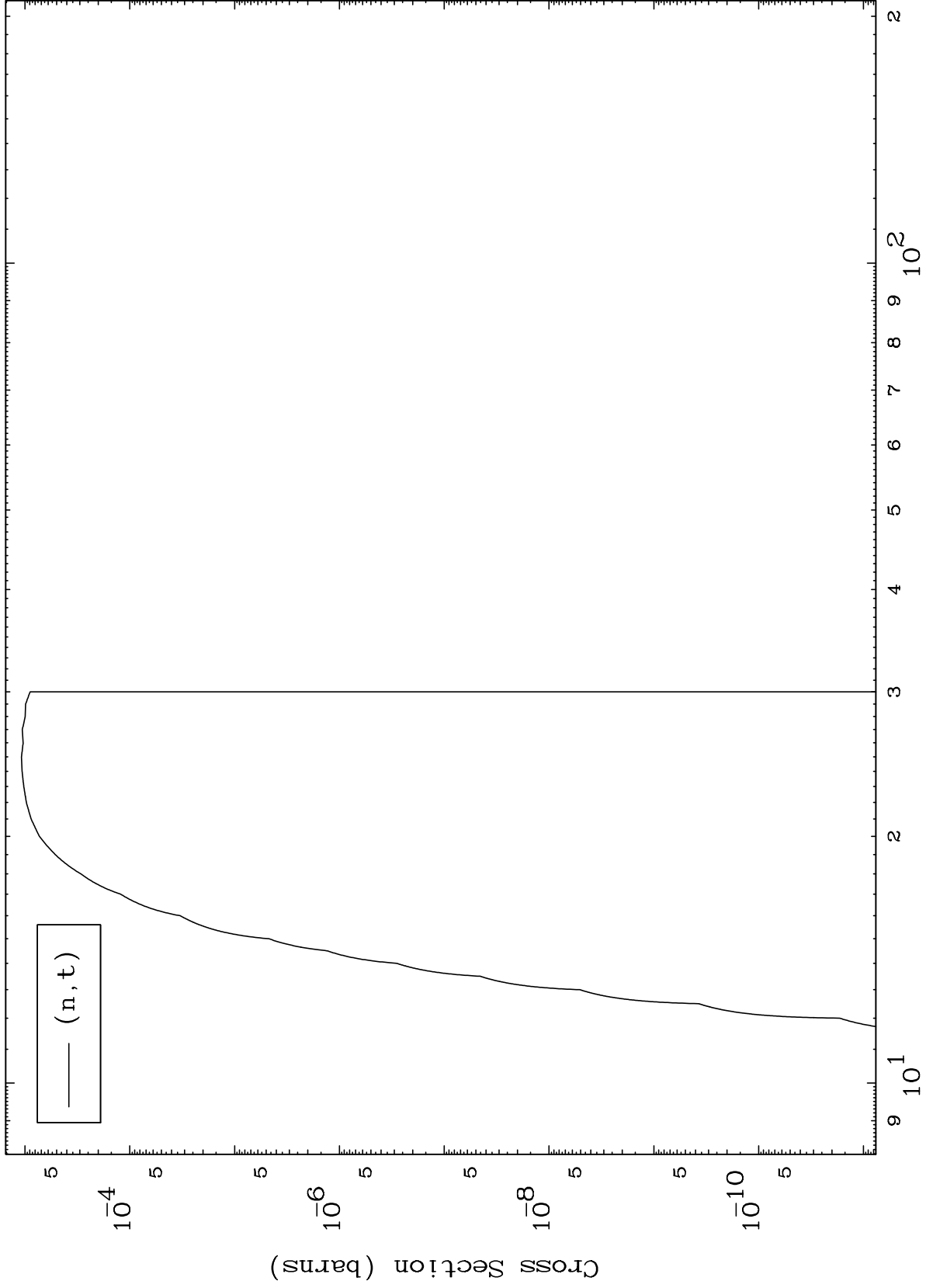
54-Xe-142



MAT 5479

(n,t) Levels
293 Kelvin Cross Sections

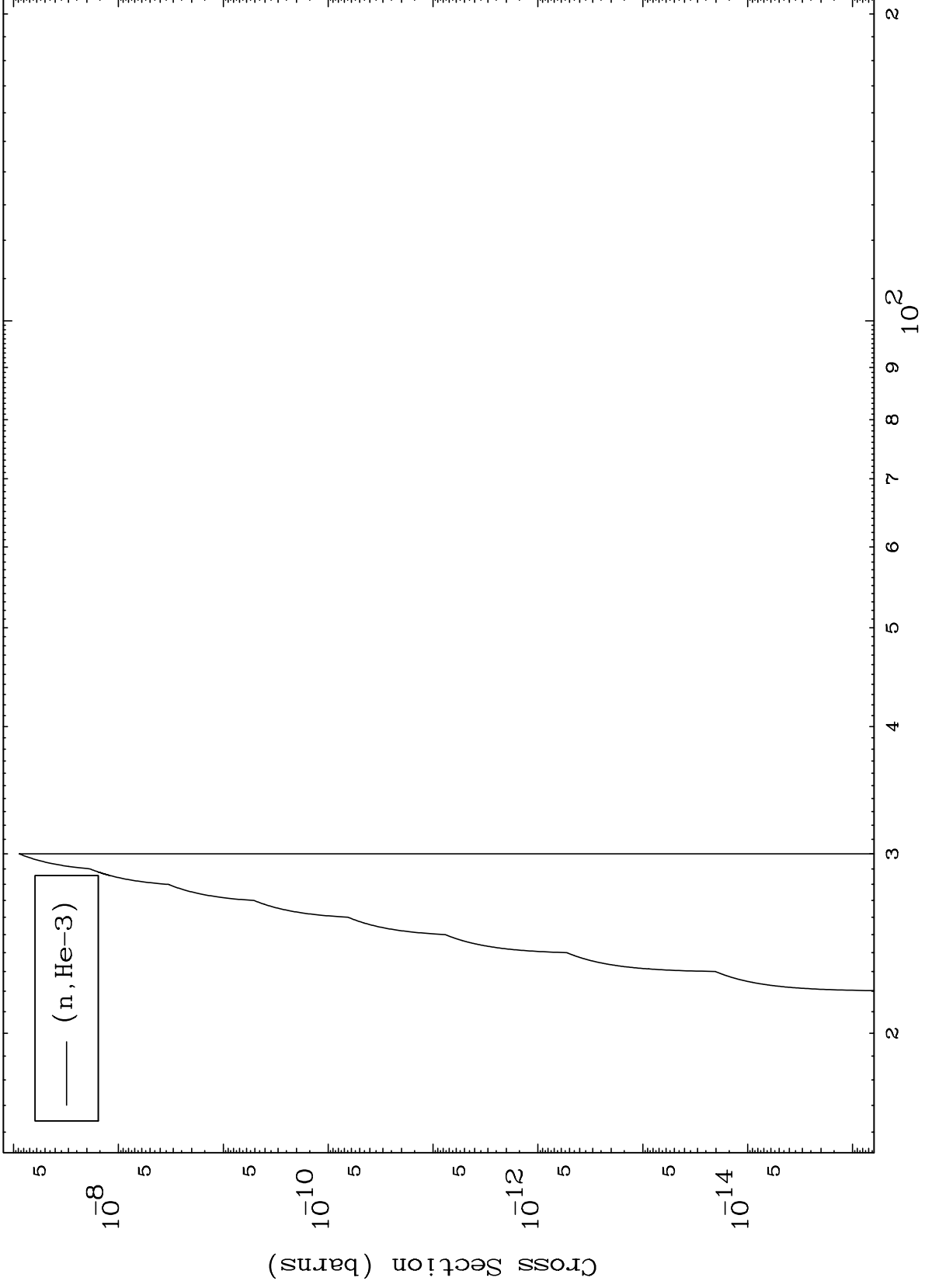
54-Xe-142



12

Incident Energy (MeV)

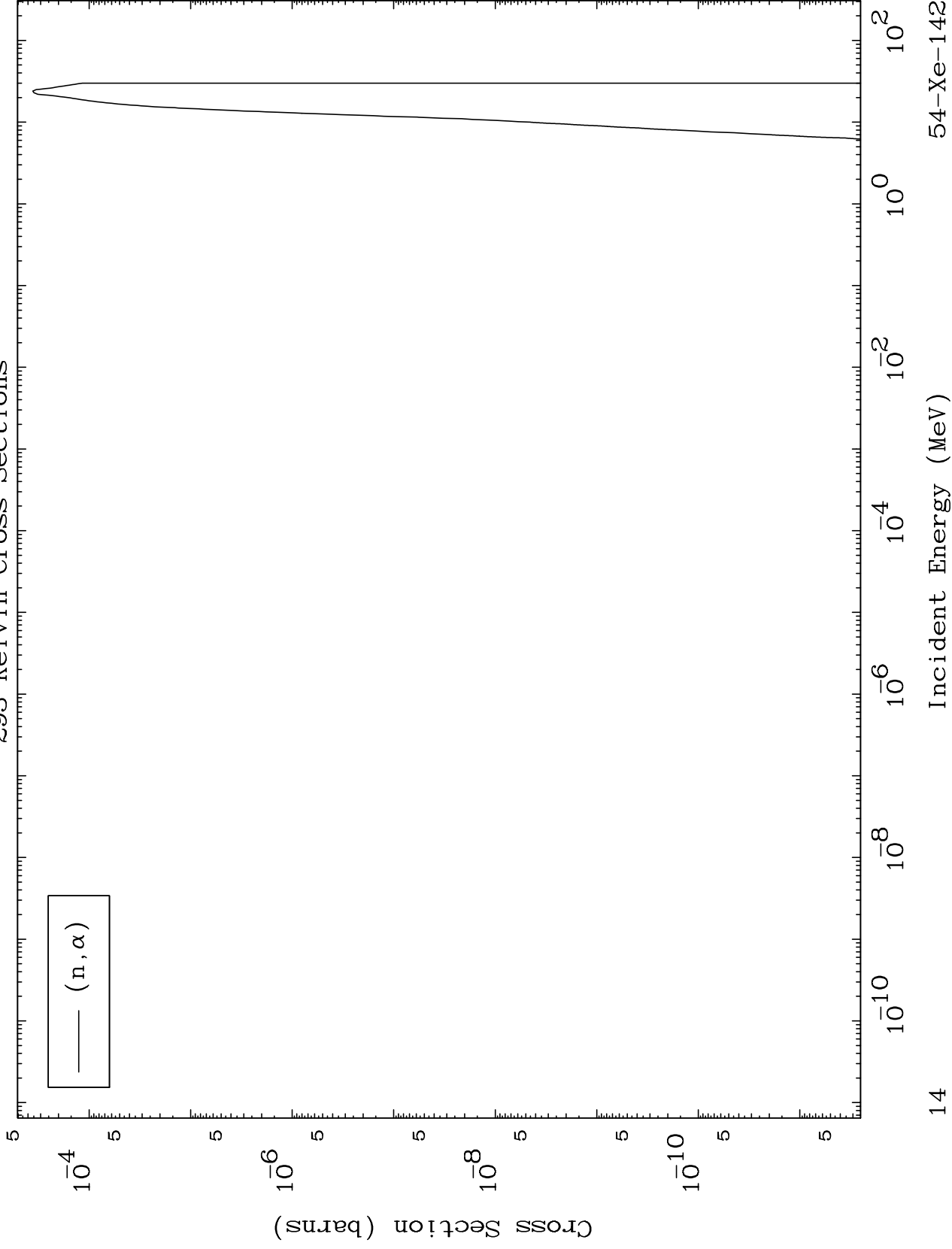
54-Xe-142

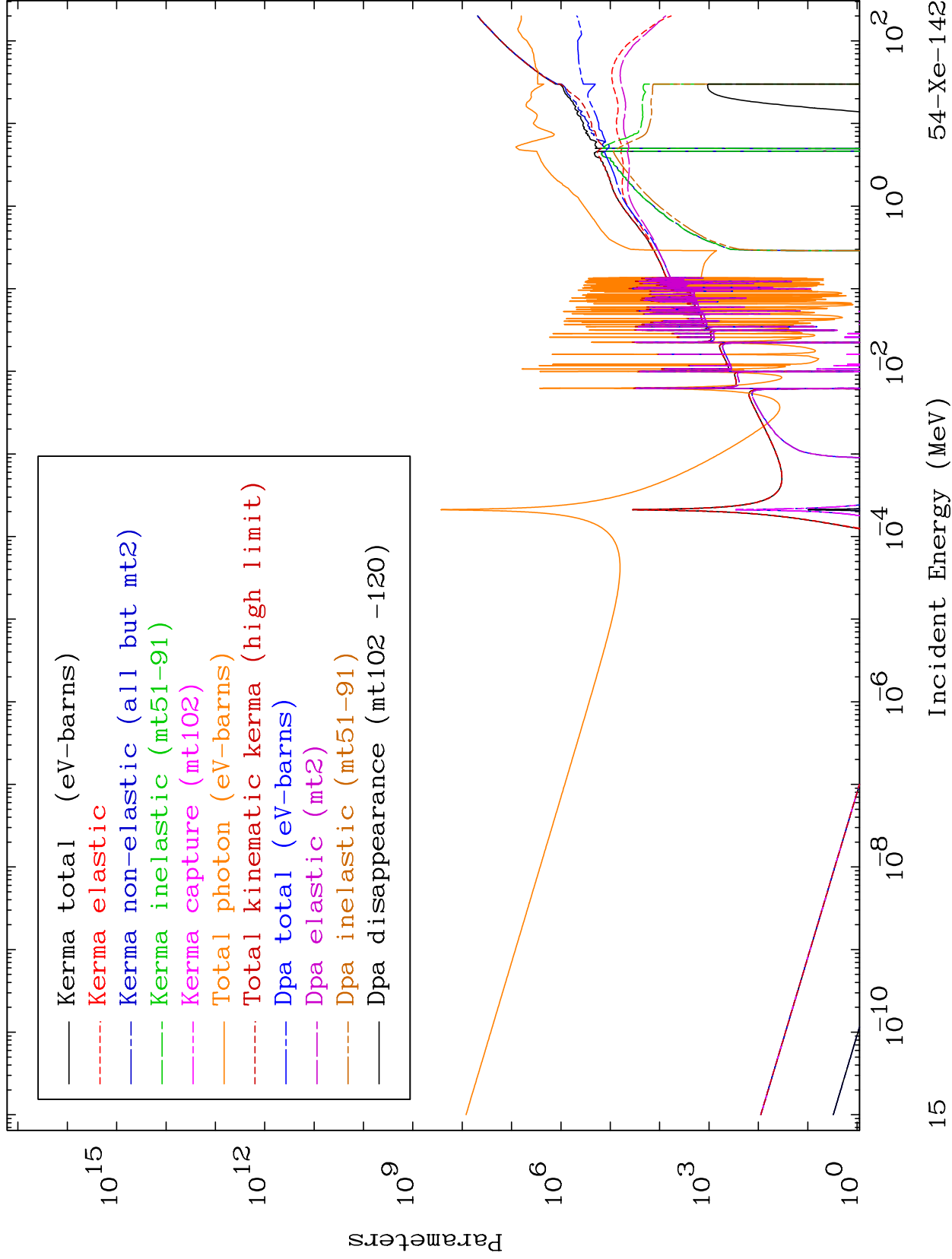


MAT 5479

(n, α) Levels
293 Kelvin Cross Sections

54-Xe-142

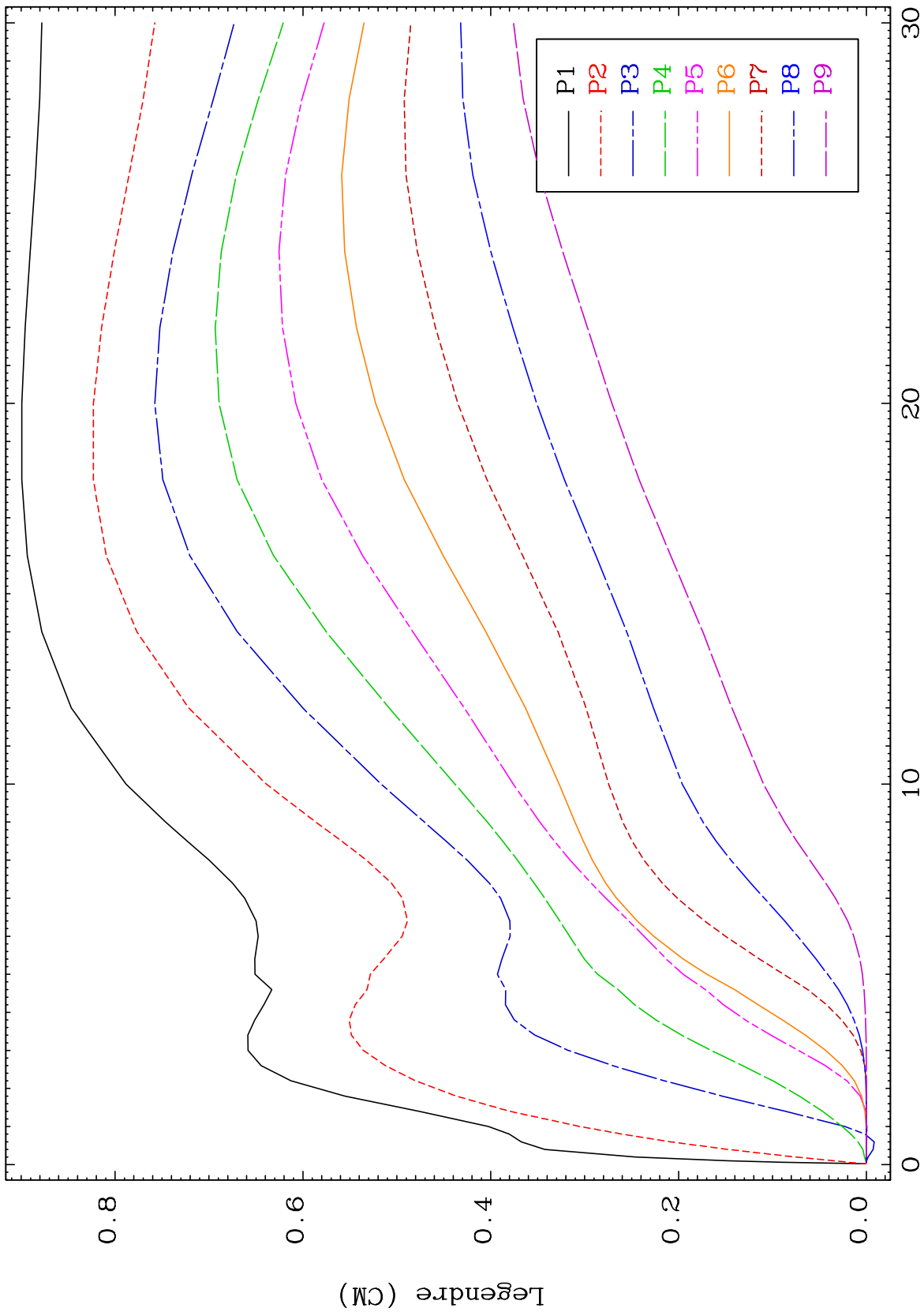




MAT 5479

54-Xe-142

Elastic Legendre Coefficients



16

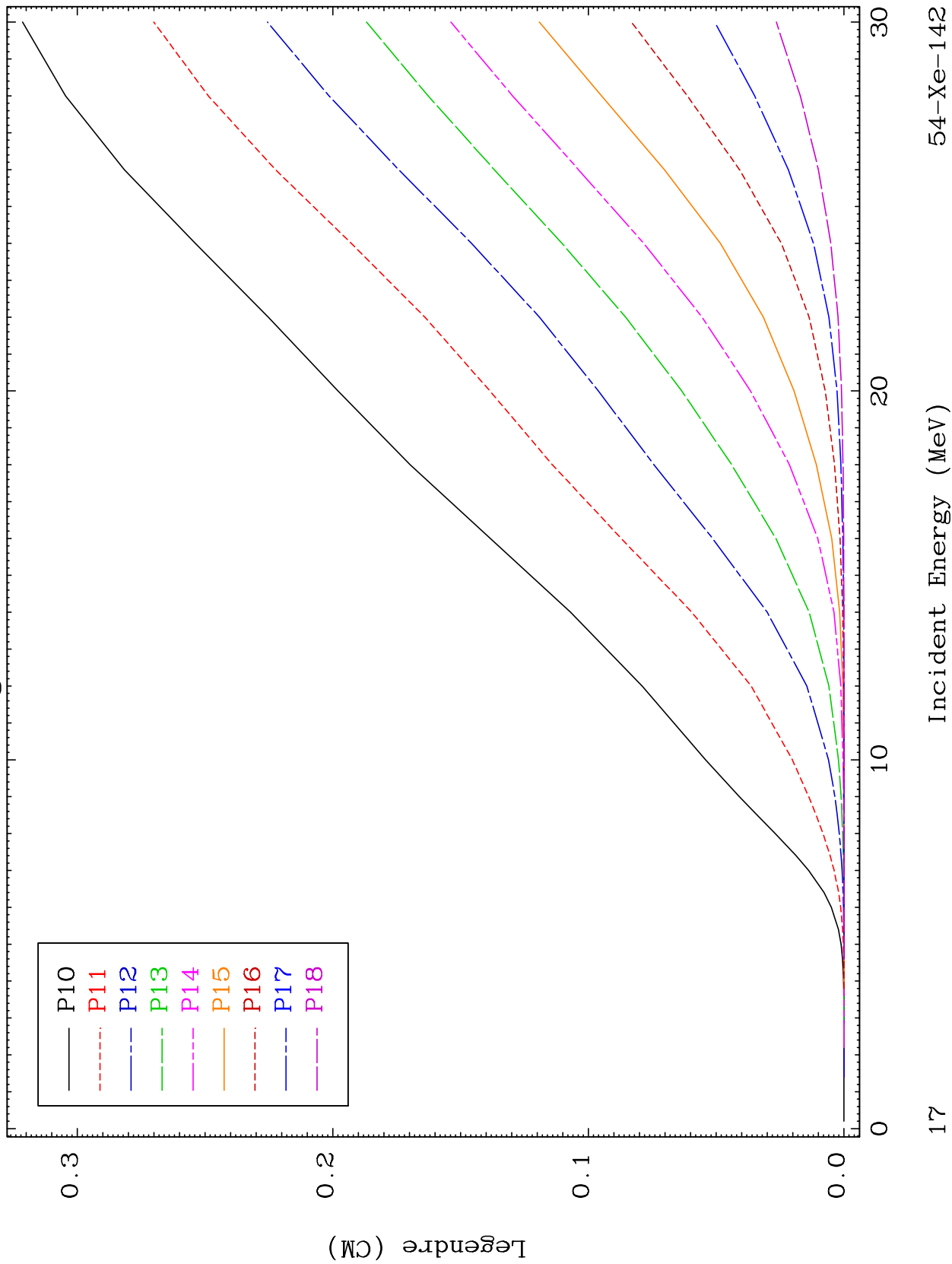
Incident Energy (MeV)

54-Xe-142

MAT 5479

Elastic Legendre Coefficients

54-Xe-142



17

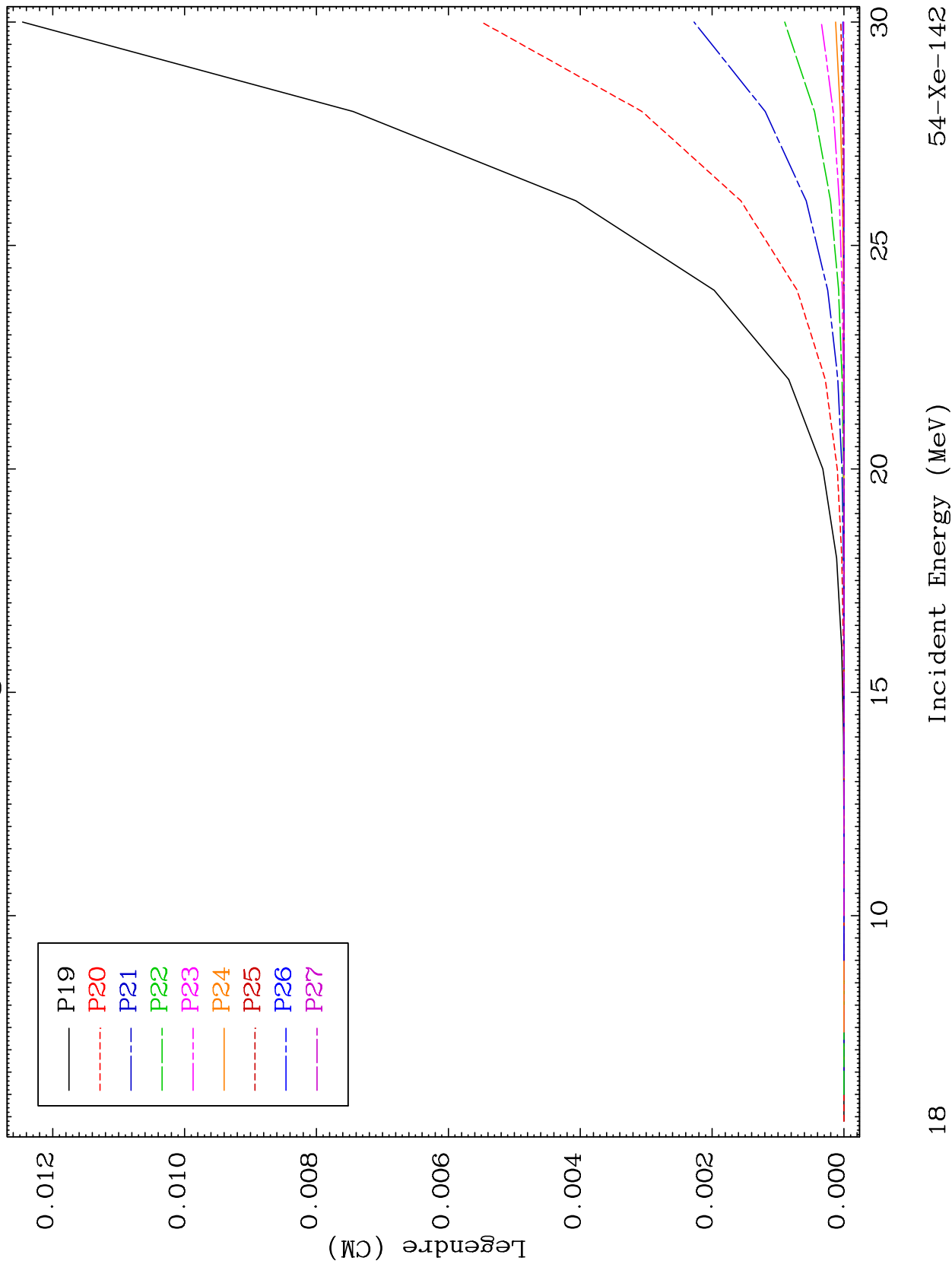
Incident Energy (MeV)

54-Xe-142

MAT 5479

Elastic Legendre Coefficients

54-Xe-142



18

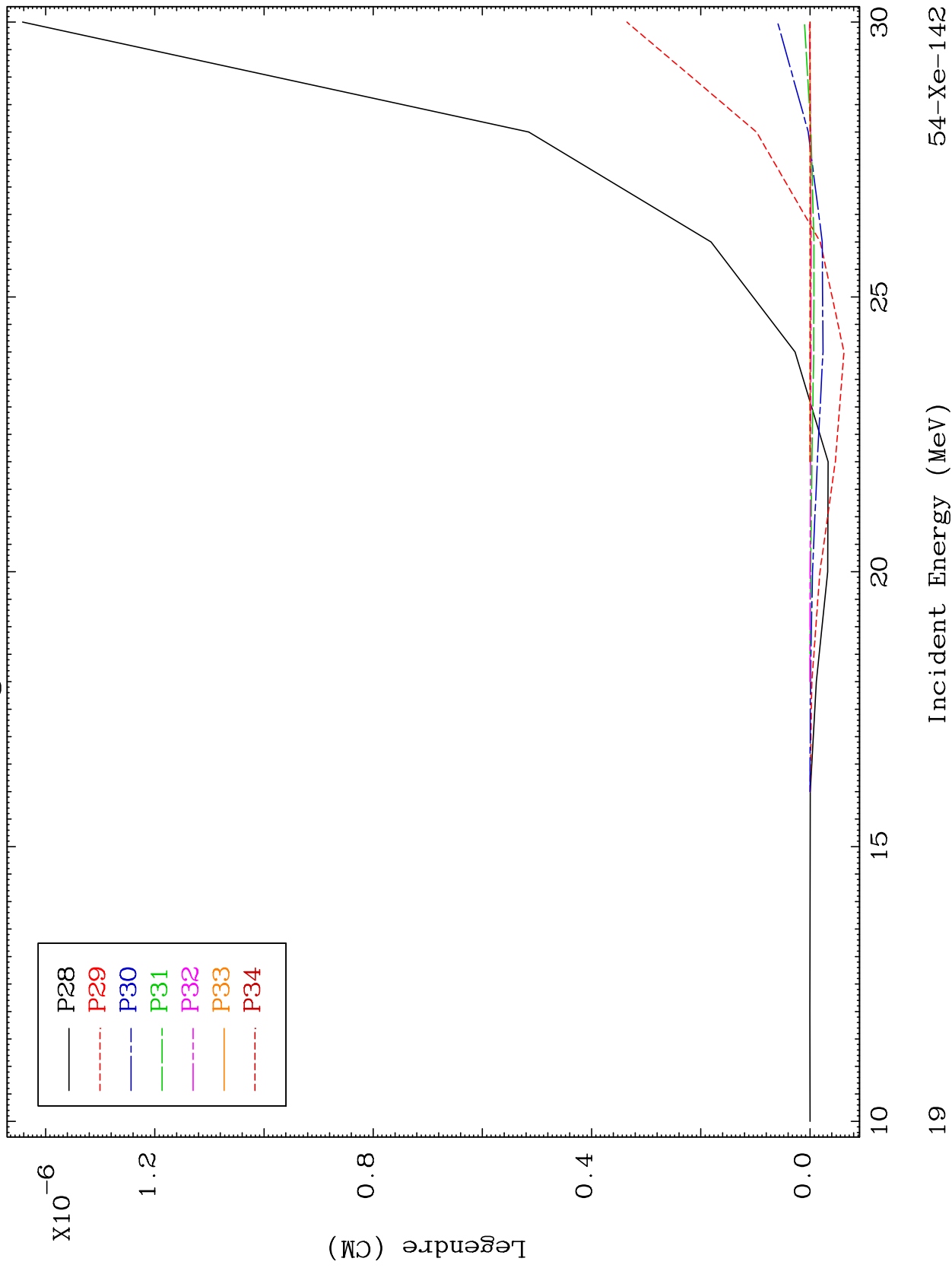
Incident Energy (MeV)

54-Xe-142

MAT 5479

Elastic
Legendre Coefficients

54-Xe-142



19

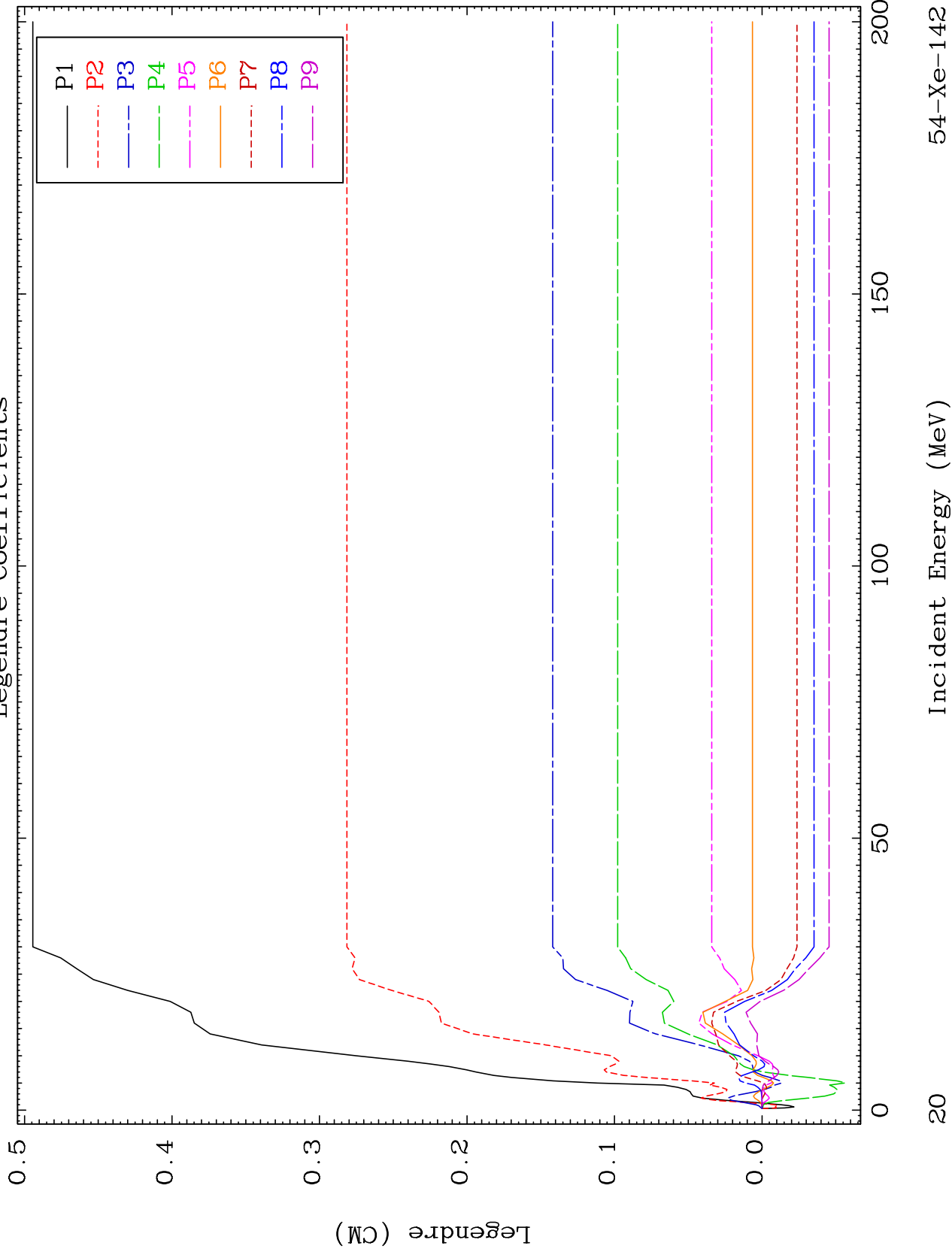
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

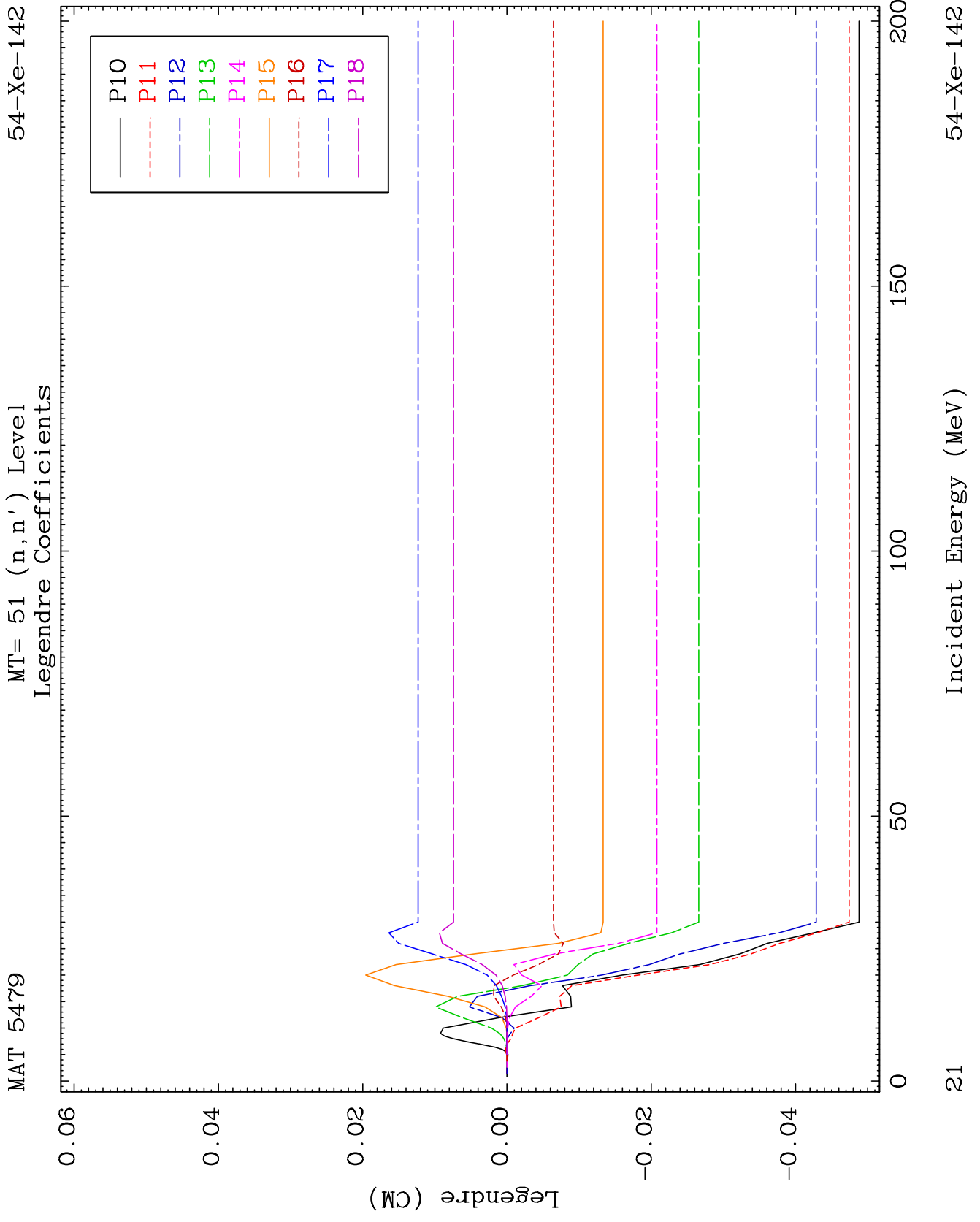
54-Xe-142



54-Xe-142

Incident Energy (MeV)

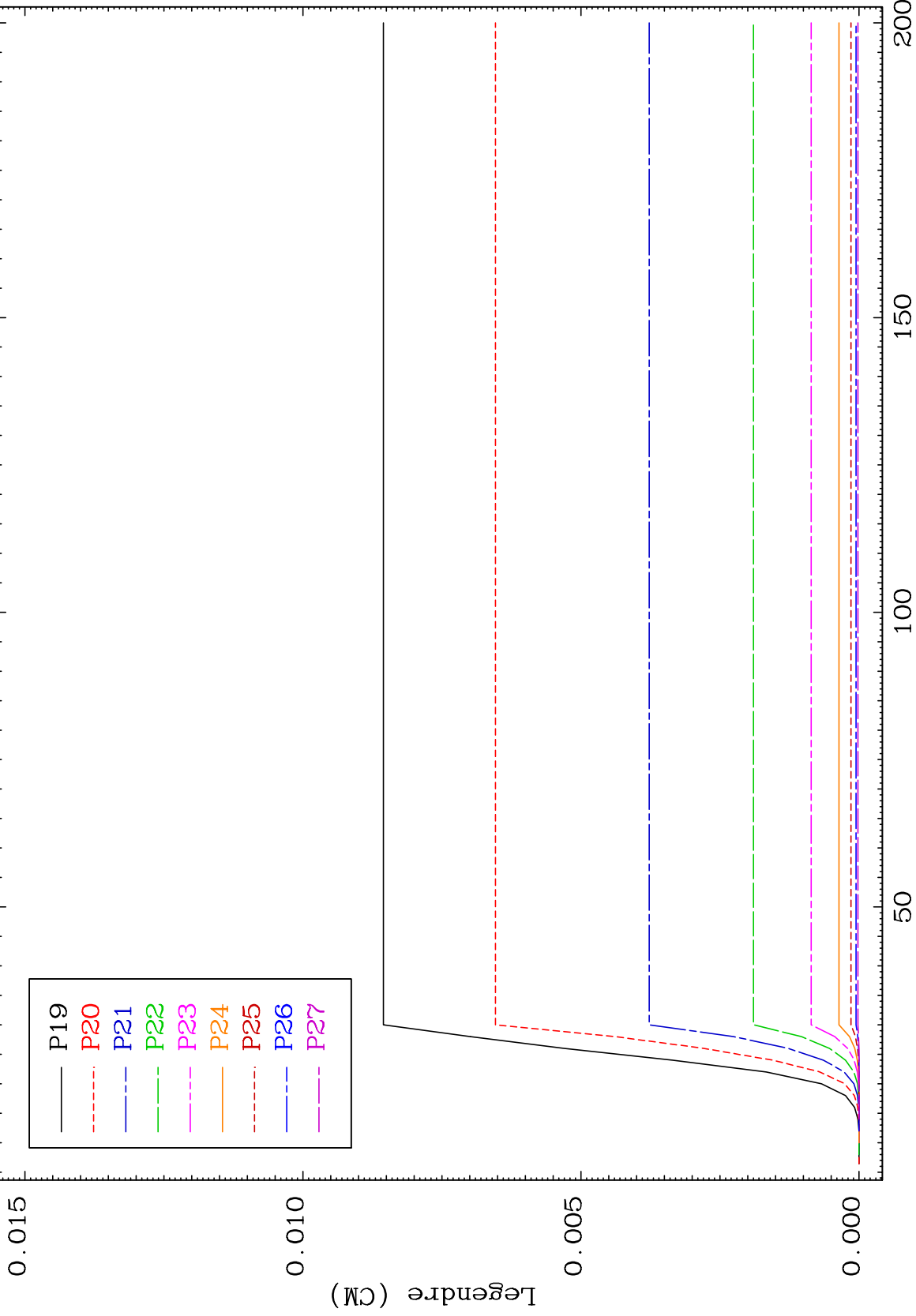
20



MAT 5479

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

54-Xe-142



22

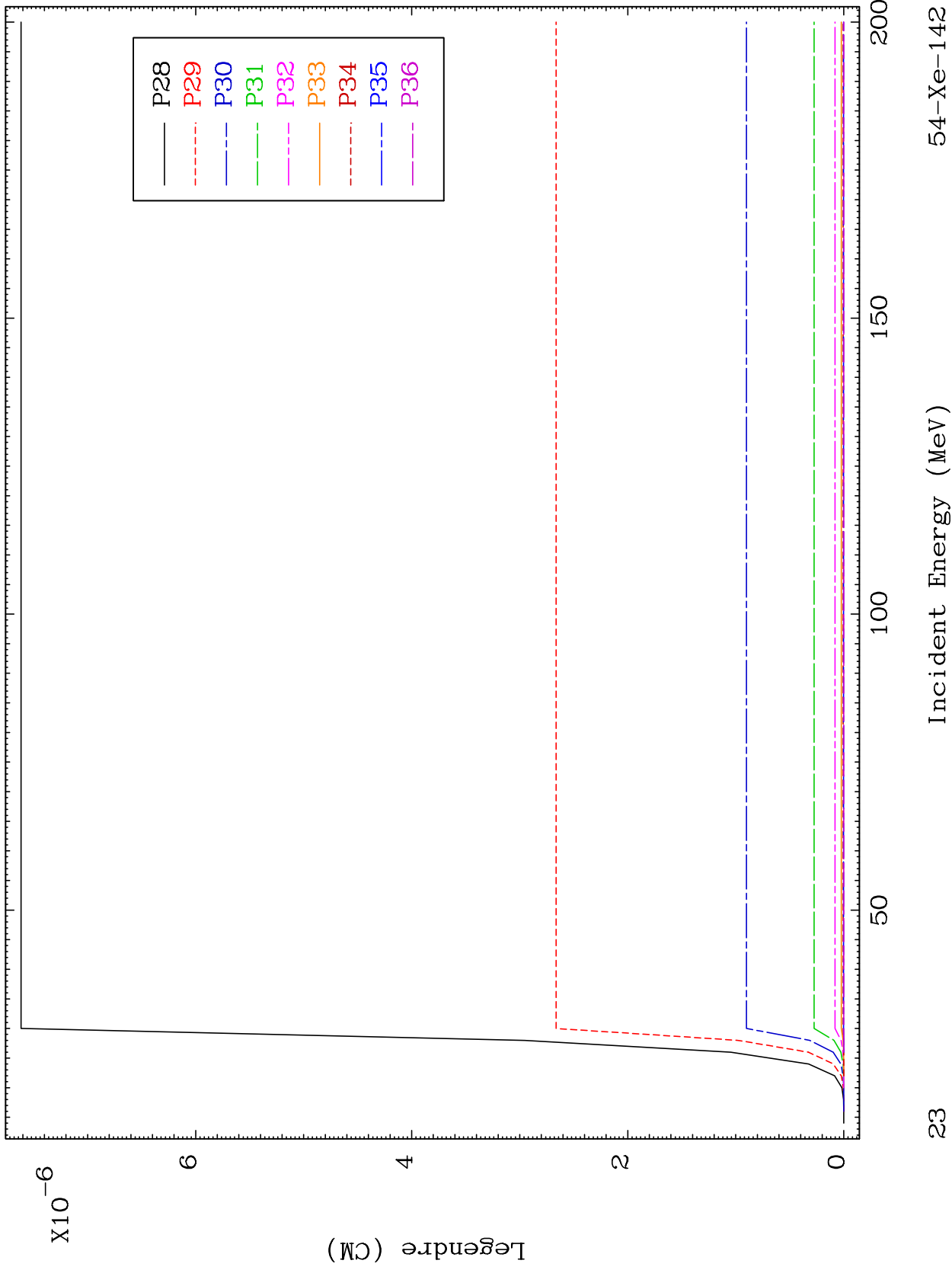
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



23

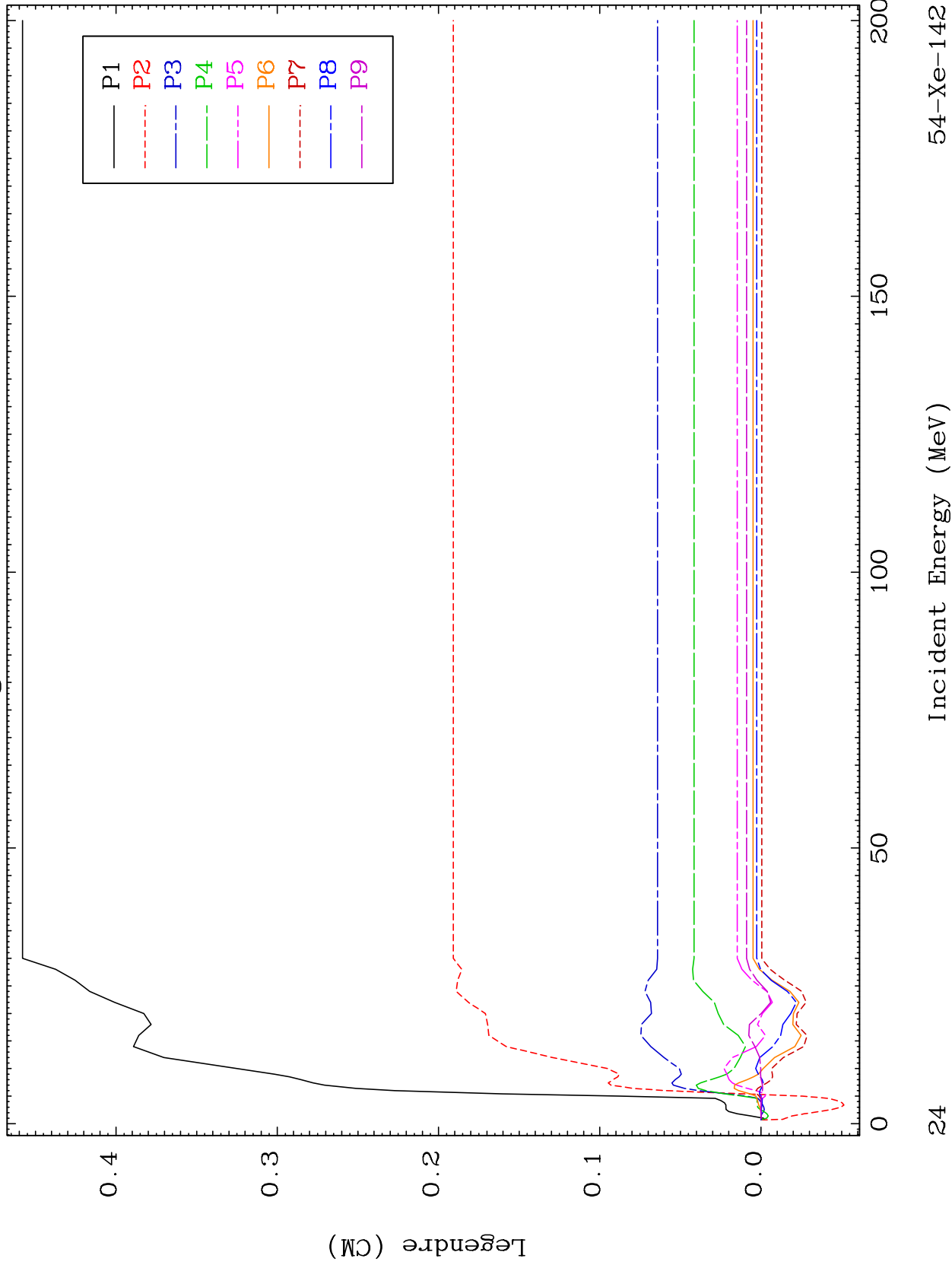
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



54-Xe-142

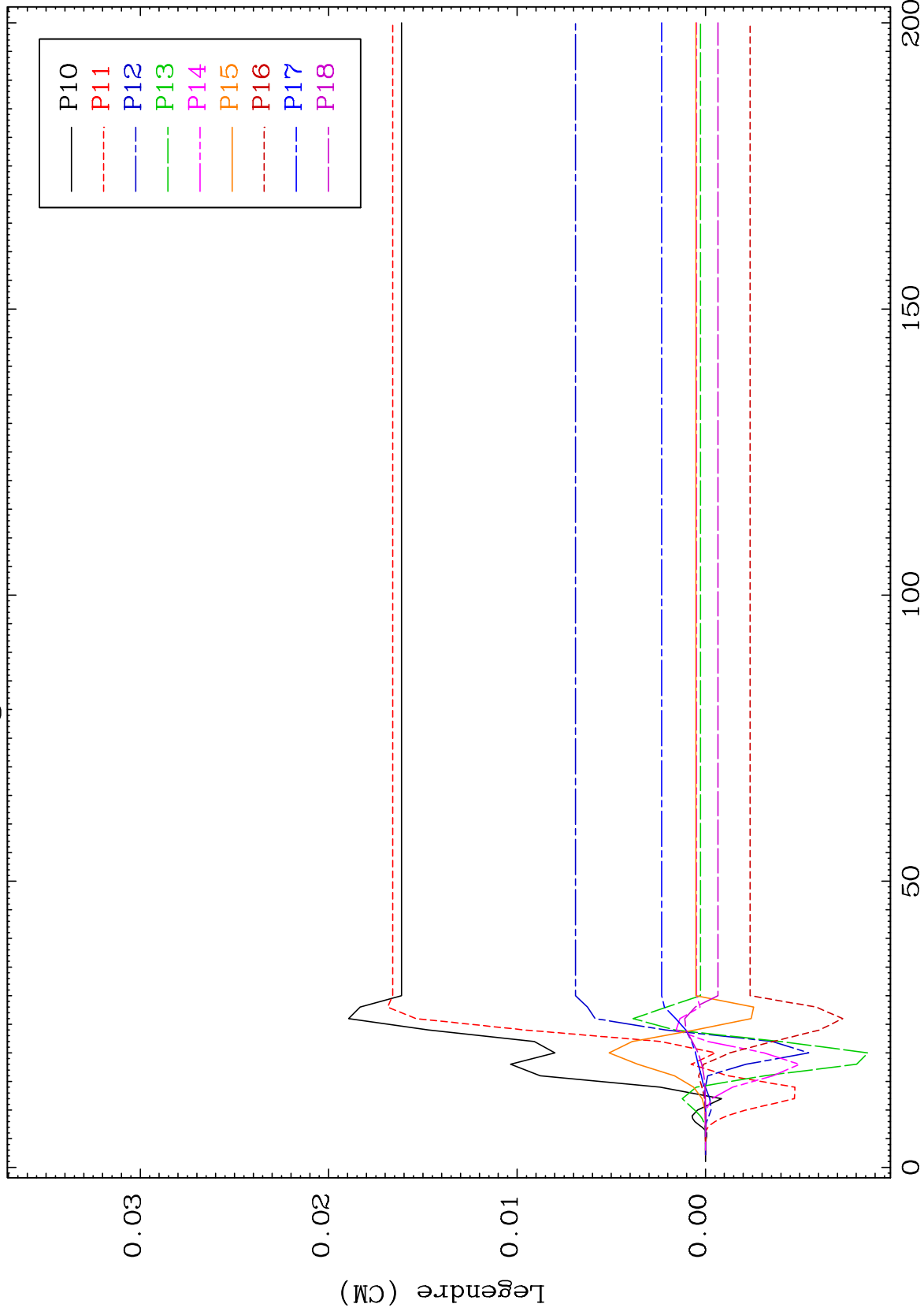
Incident Energy (MeV)

24

MAT 5479

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

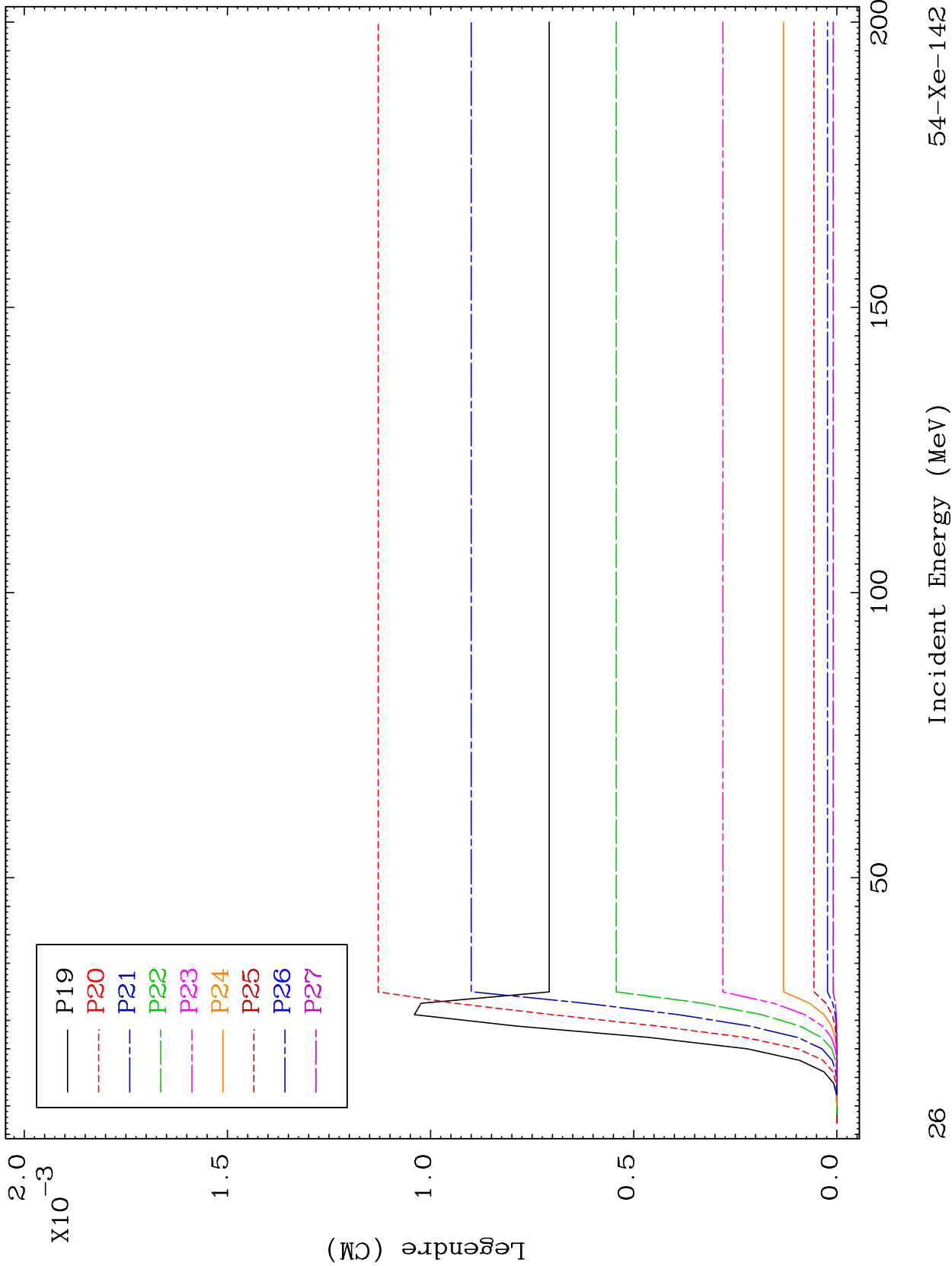
54-Xe-142



25

Incident Energy (MeV)

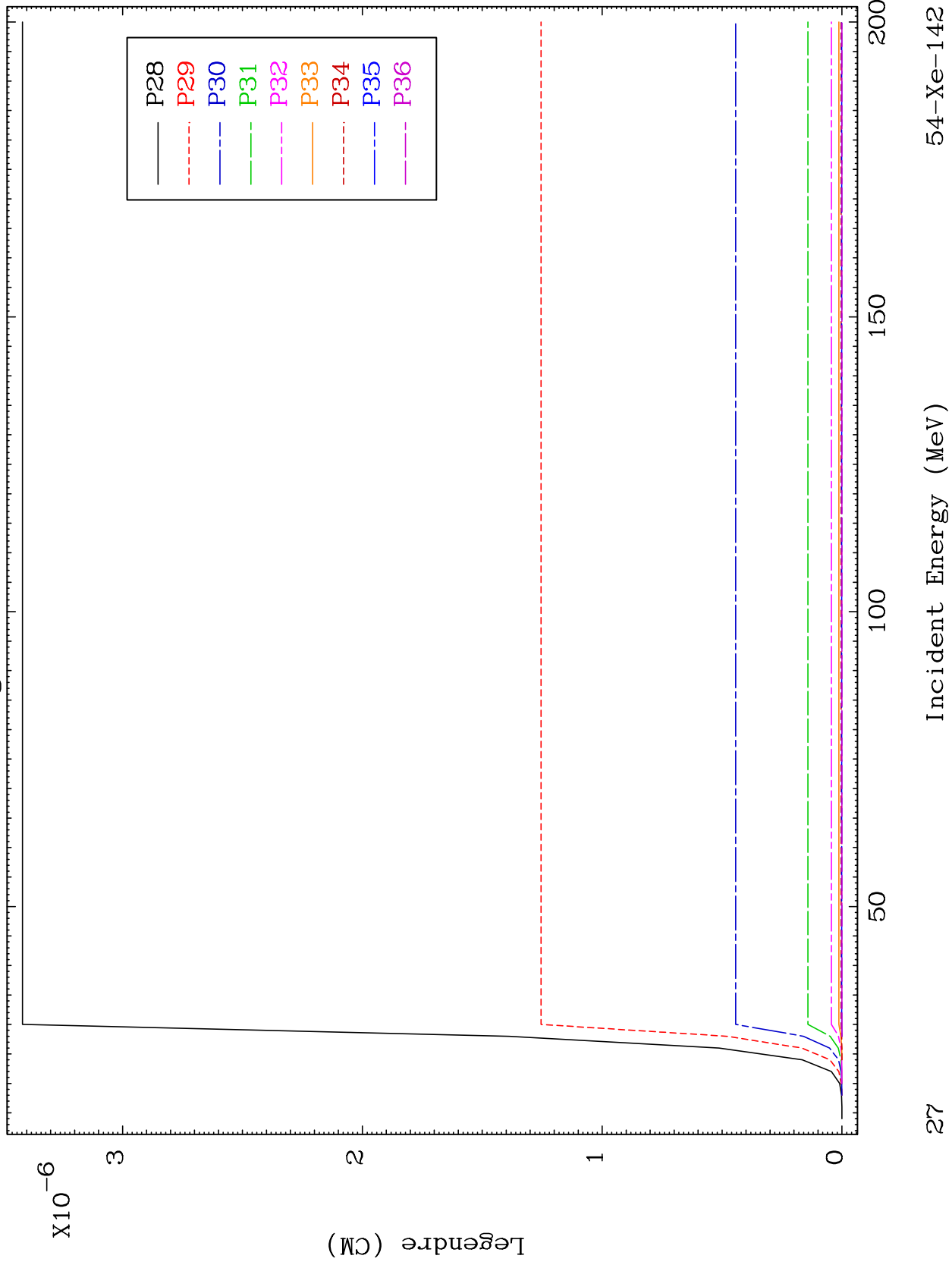
54-Xe-142



MAT 5479

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

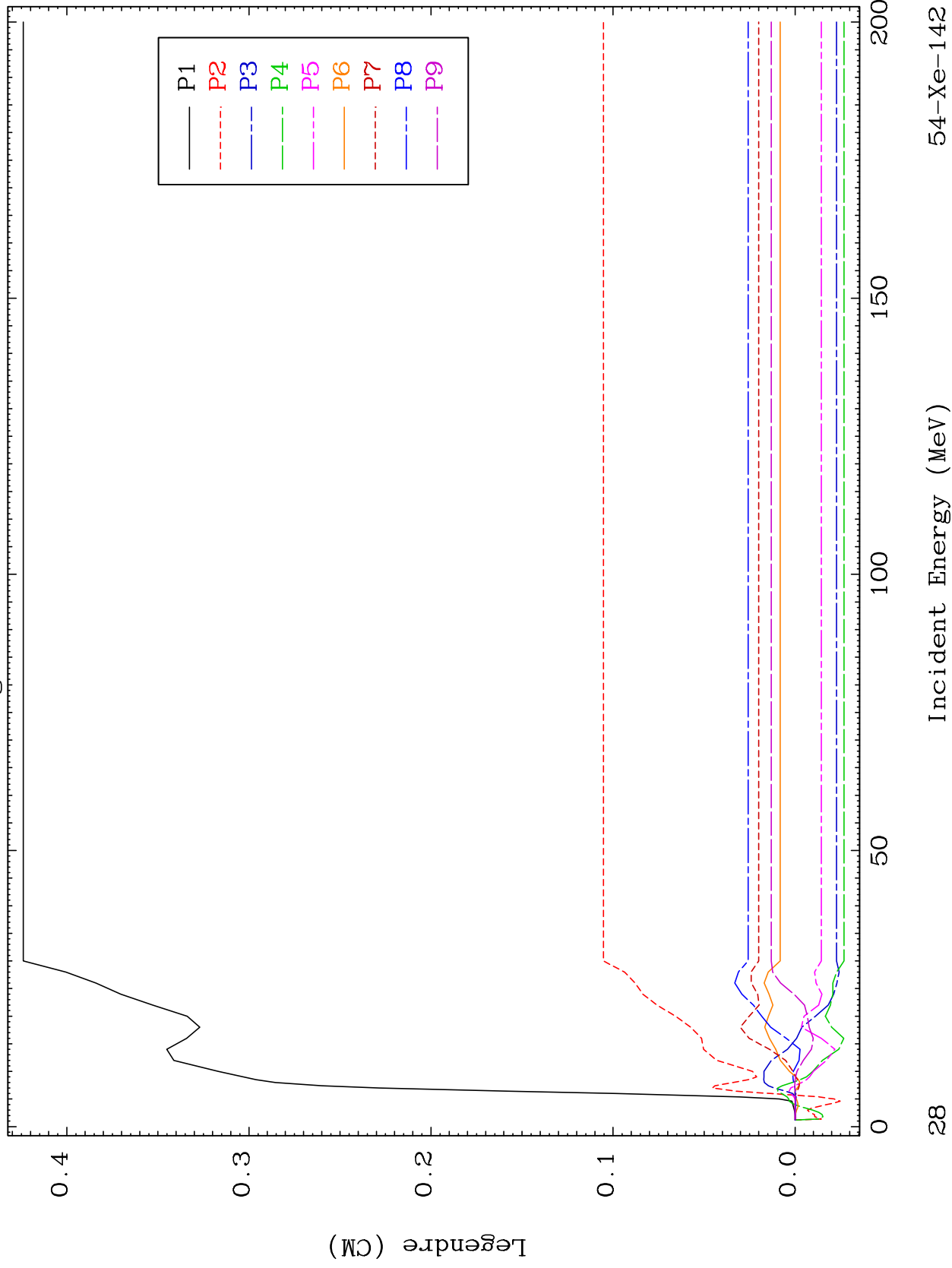
54-Xe-142



MAT 5479

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

54-Xe-142



54-Xe-142

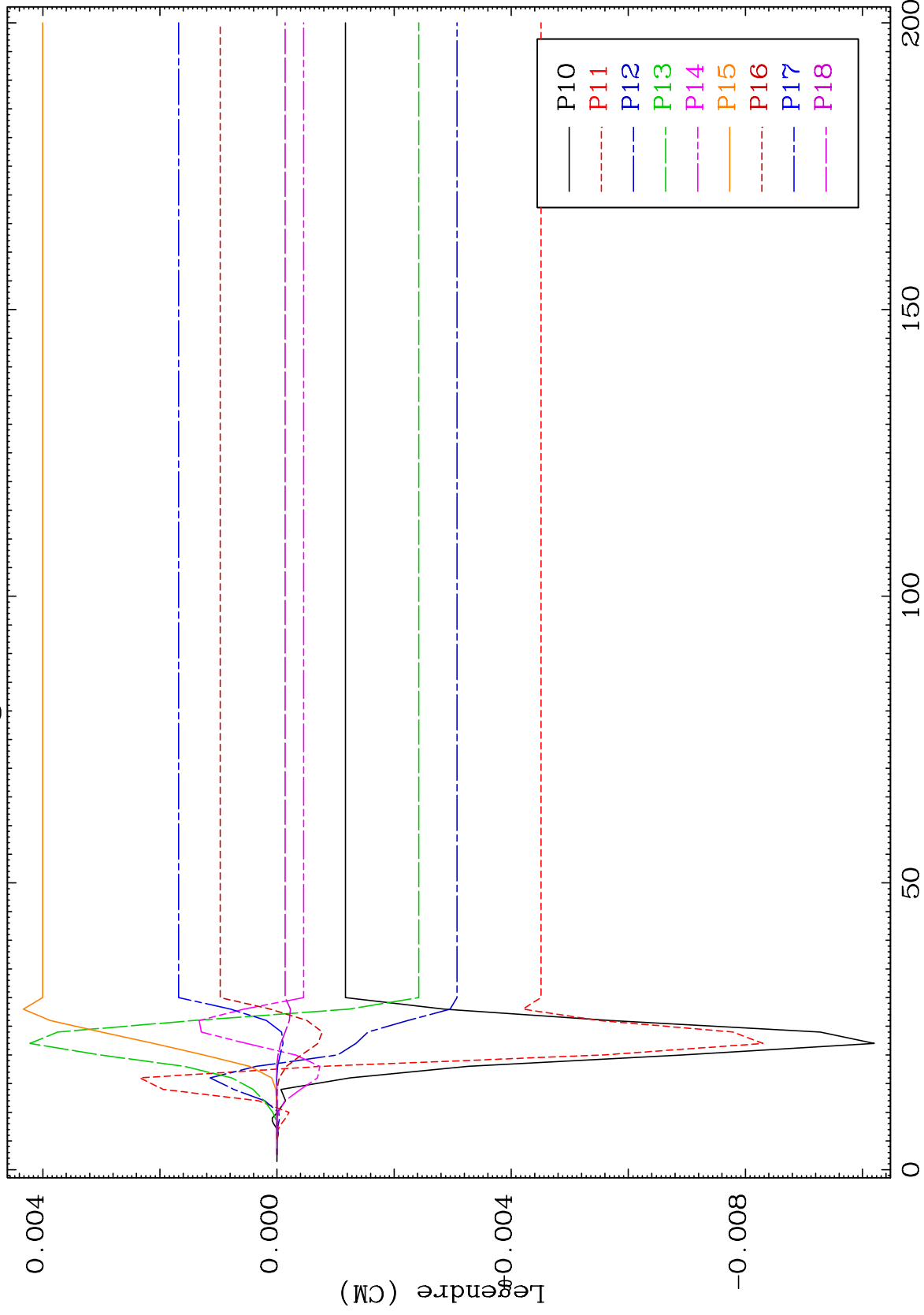
Incident Energy (MeV)

28

MAT 5479

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

54-Xe-142



29

Incident Energy (MeV)

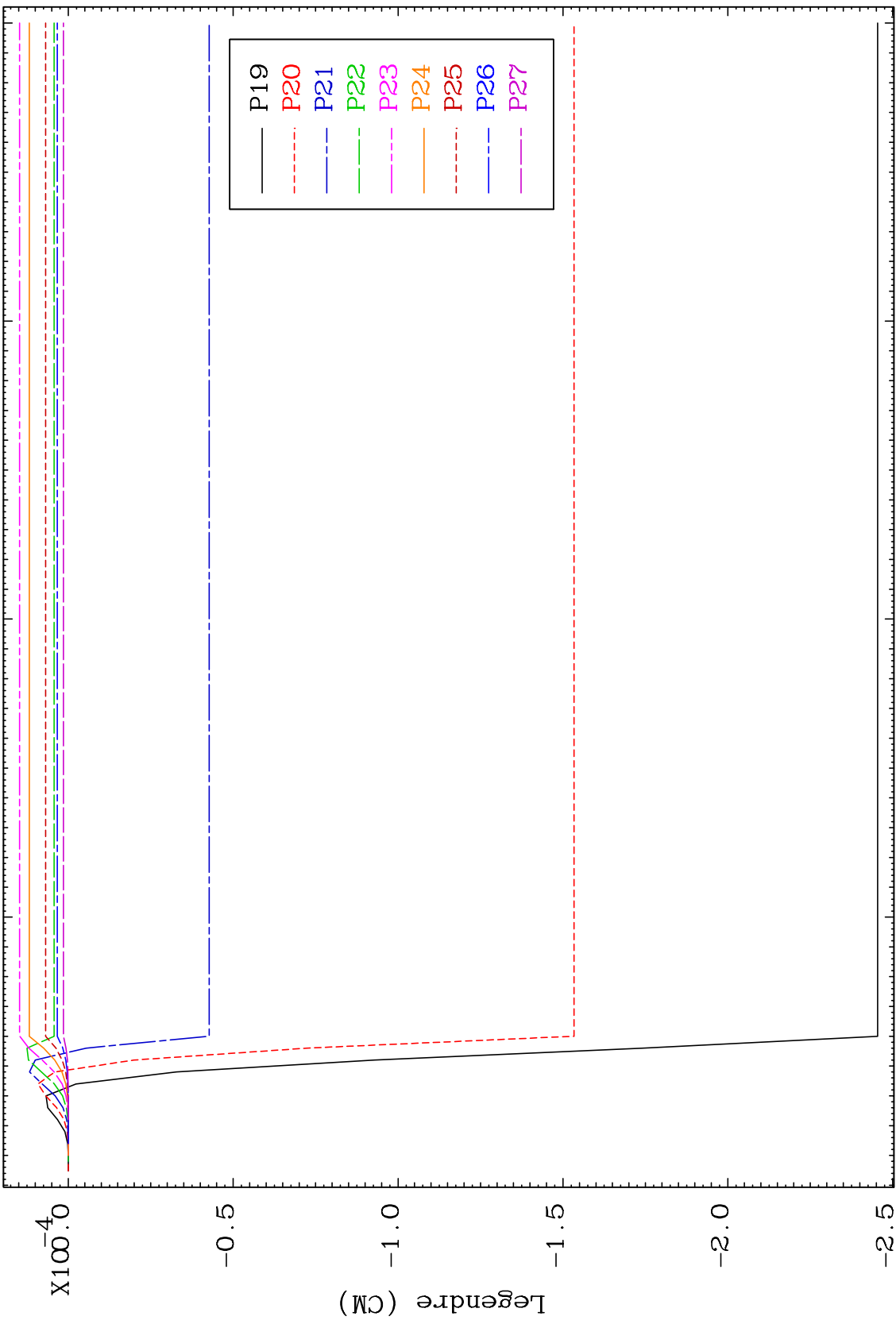
54-Xe-142

MAT 5479

MT= 53 (n,n') Level

54-Xe-142

Legendre Coefficients



54-Xe-142

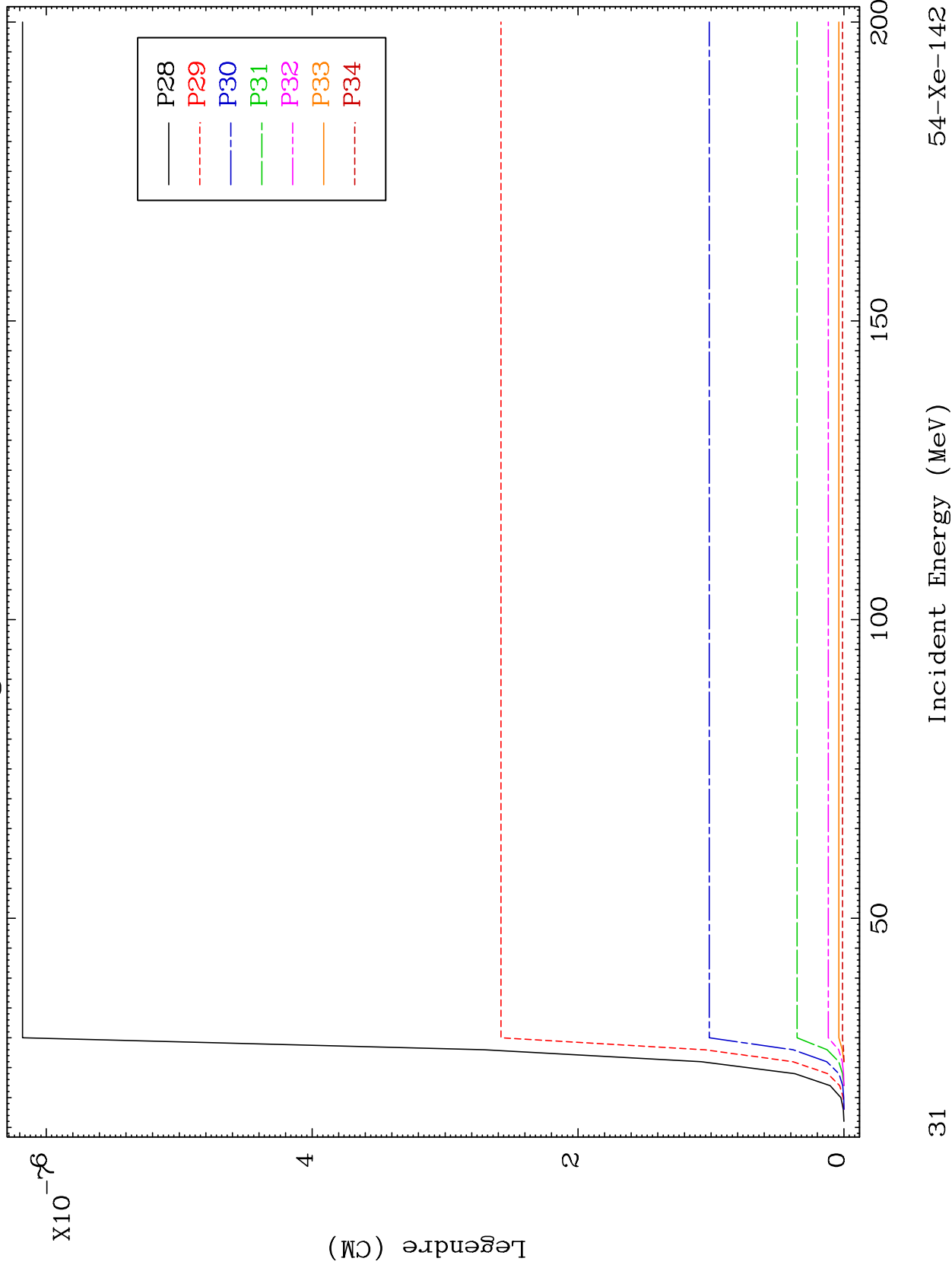
Incident Energy (MeV)

30

MAT 5479

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

54-Xe-142



31

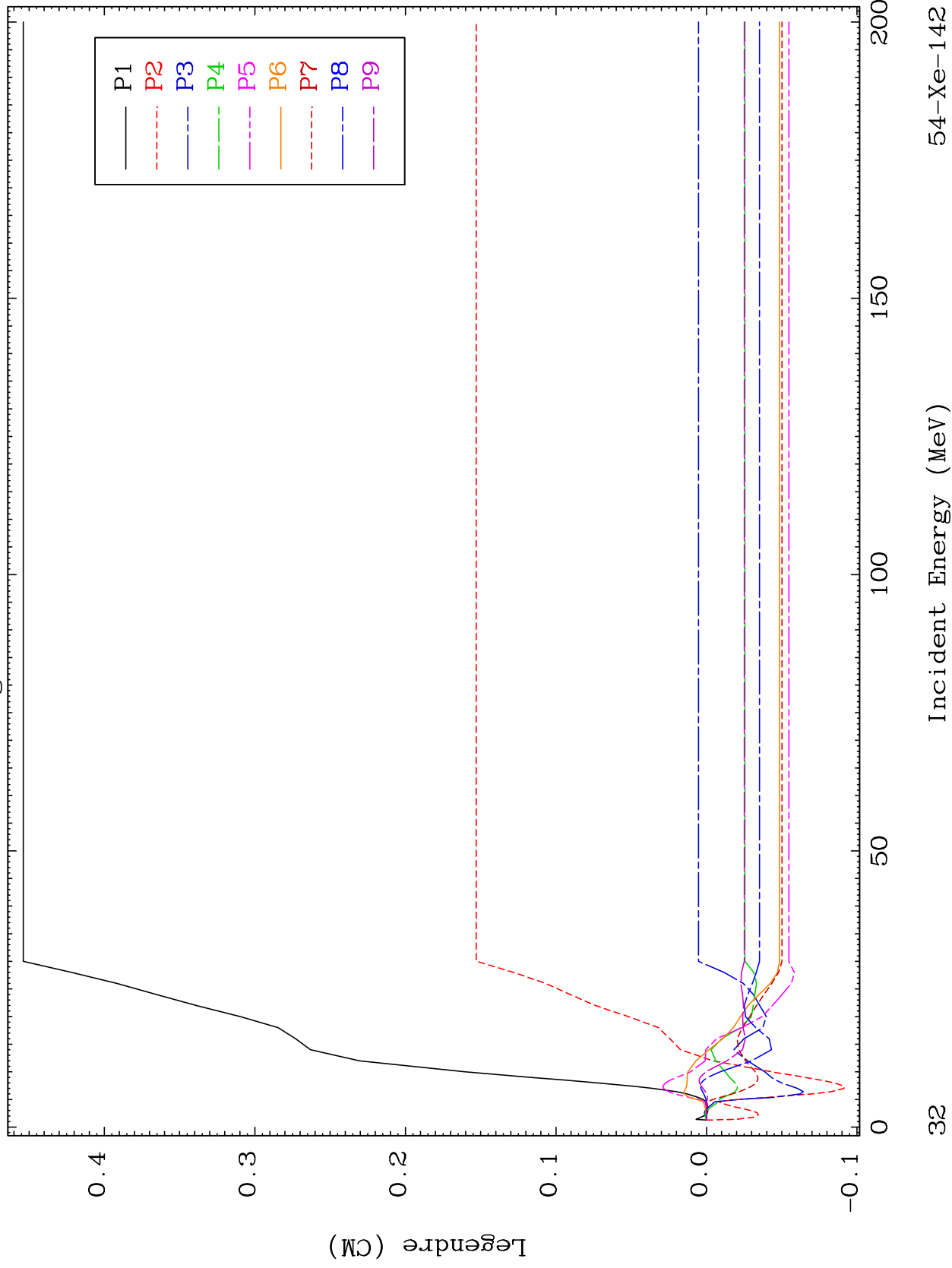
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



54-Xe-142

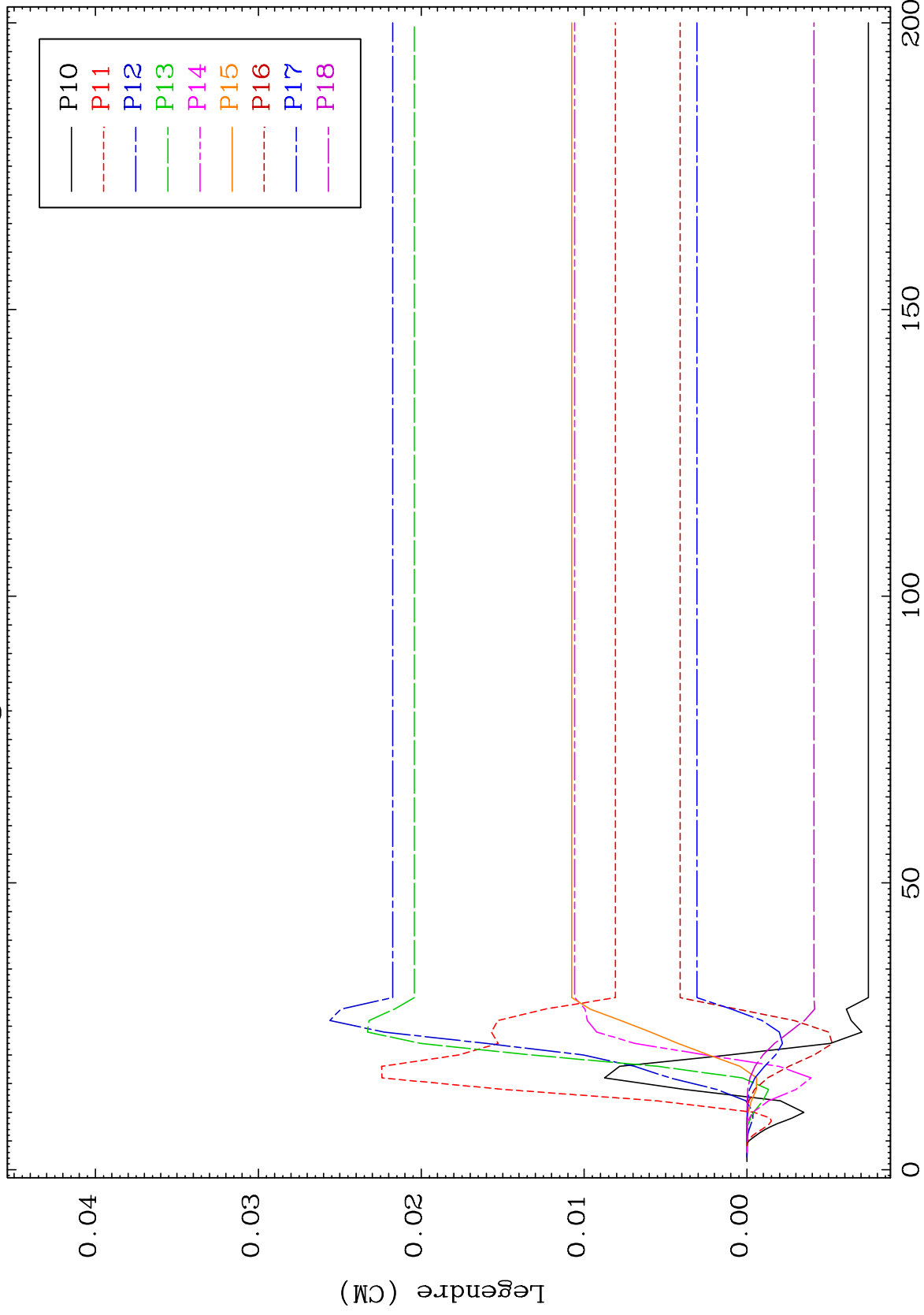
Incident Energy (MeV)

32

MAT 5479

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

54-Xe-142



33

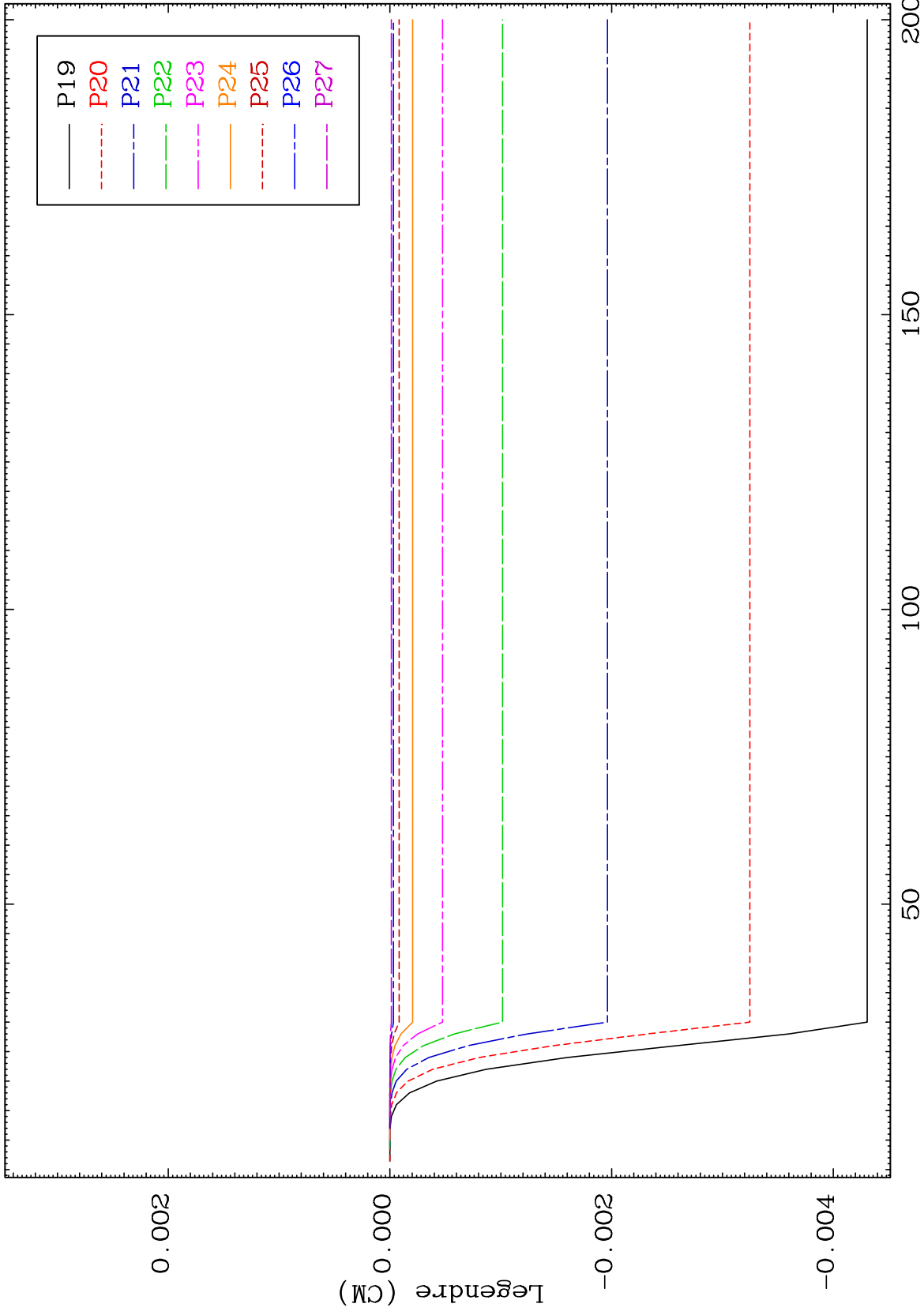
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



34

Incident Energy (MeV)

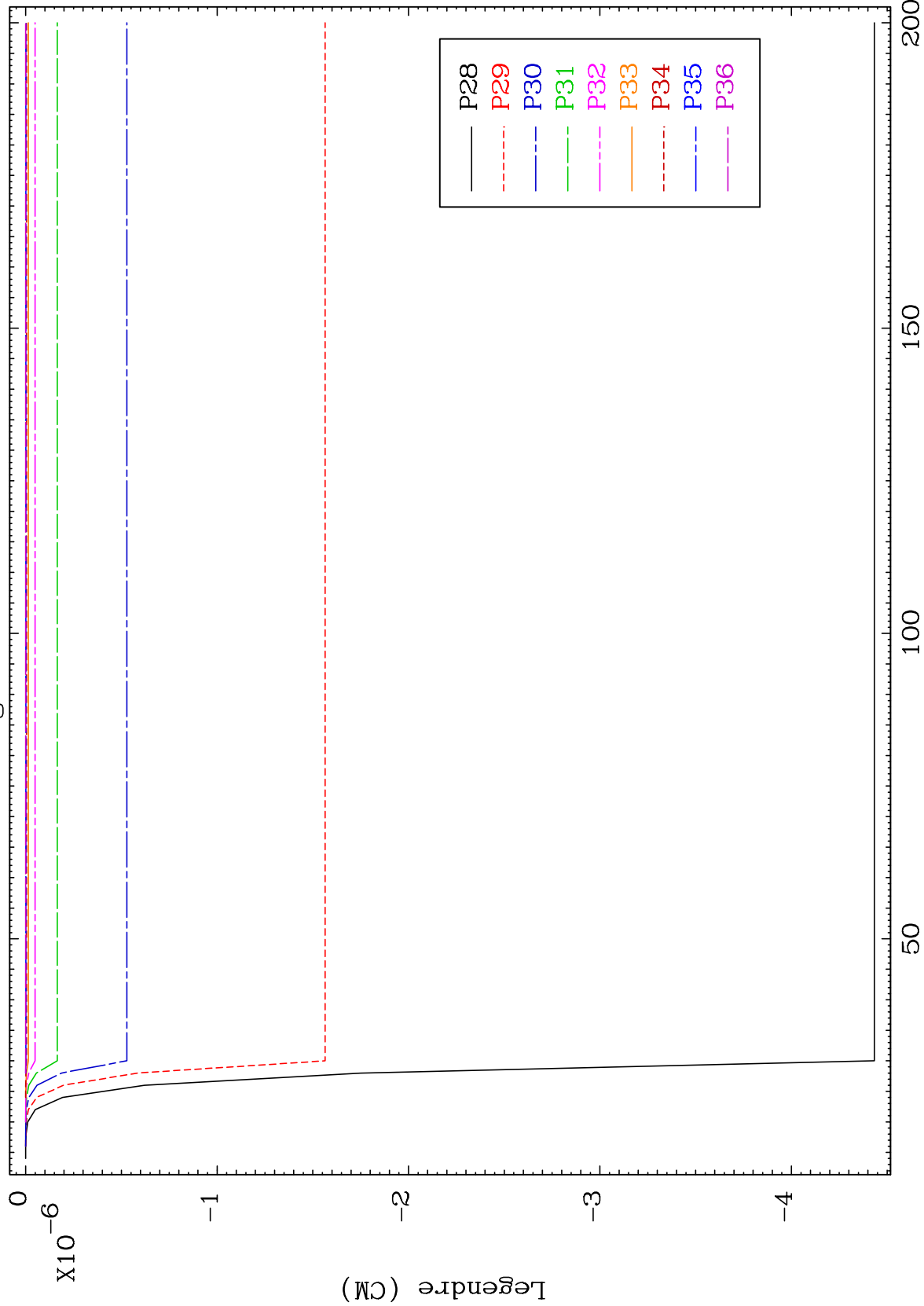
54-Xe-142

MAT 5479

MT= 54 (n,n') Level

54-Xe-142

Legendre Coefficients



54-Xe-142

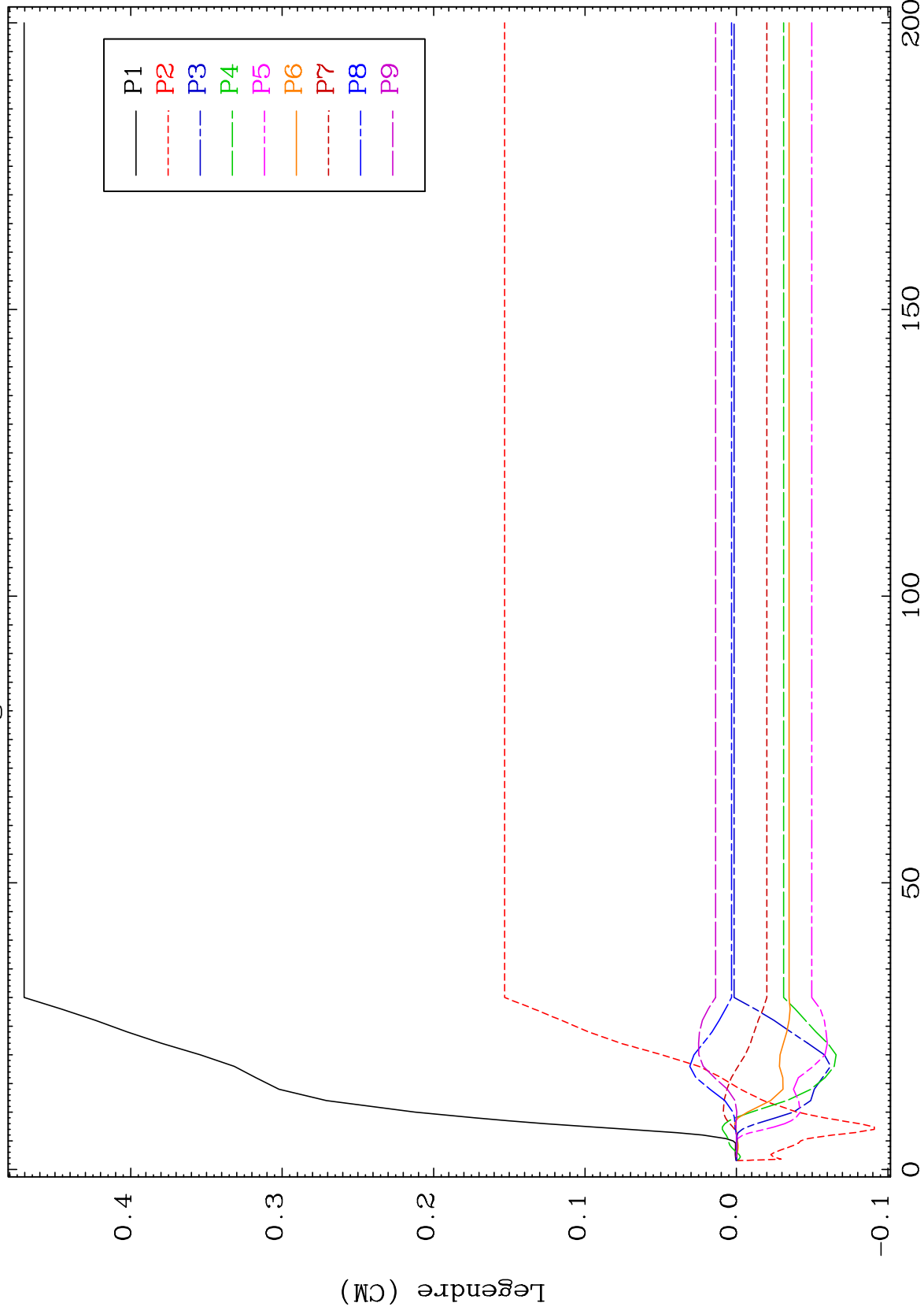
Incident Energy (MeV)

35

MAT 5479

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

54-Xe-142



36

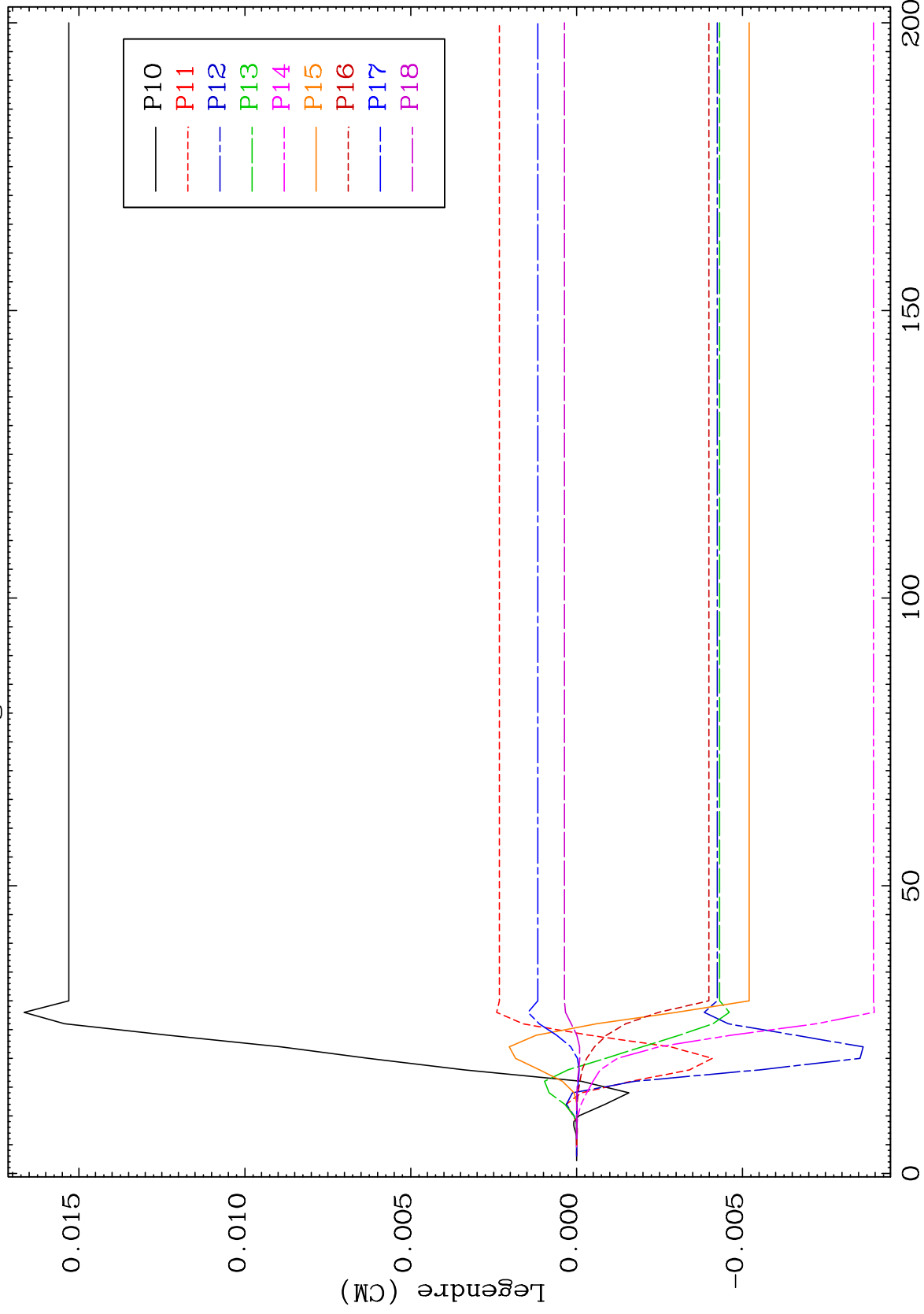
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



37

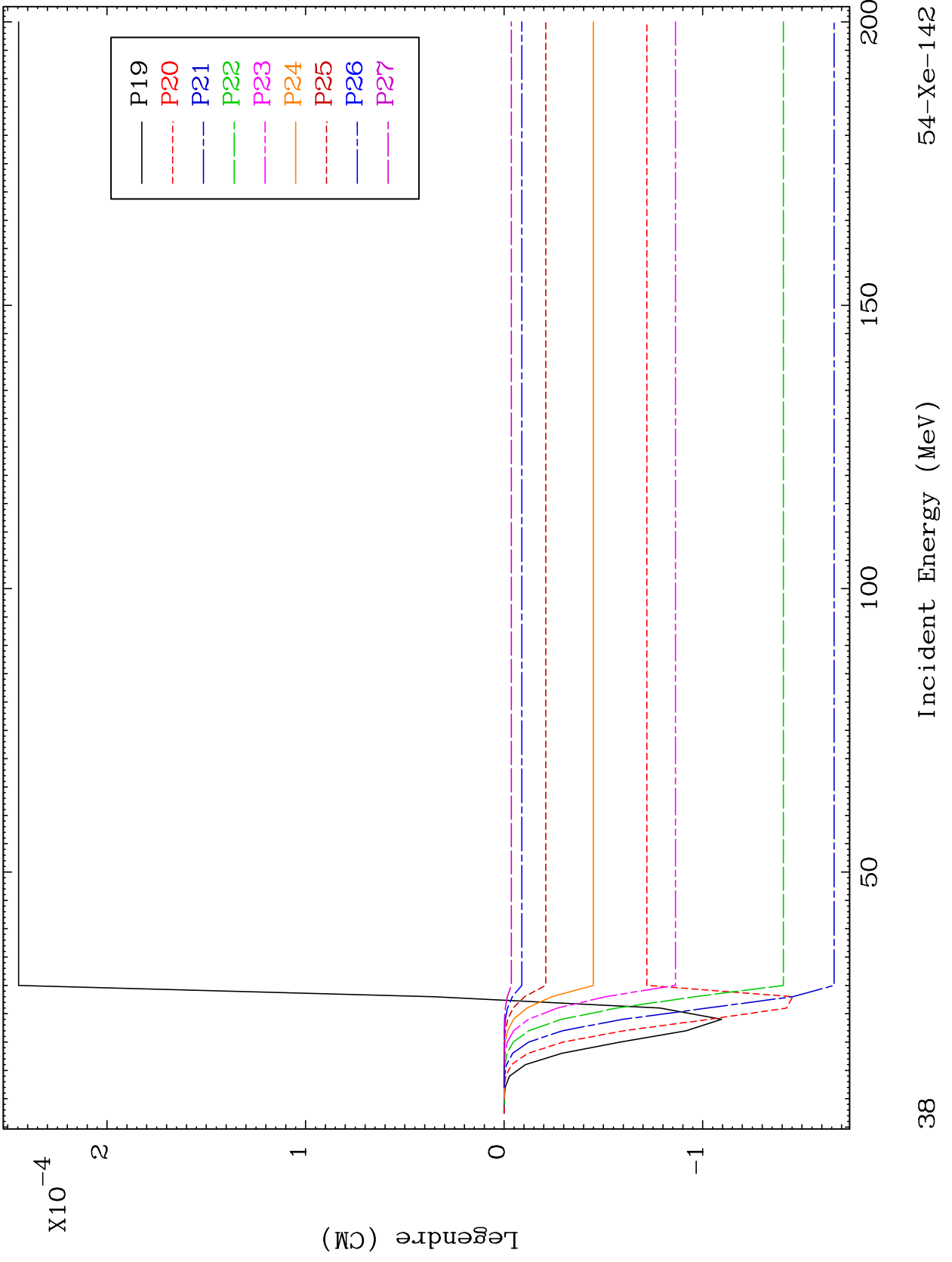
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



38

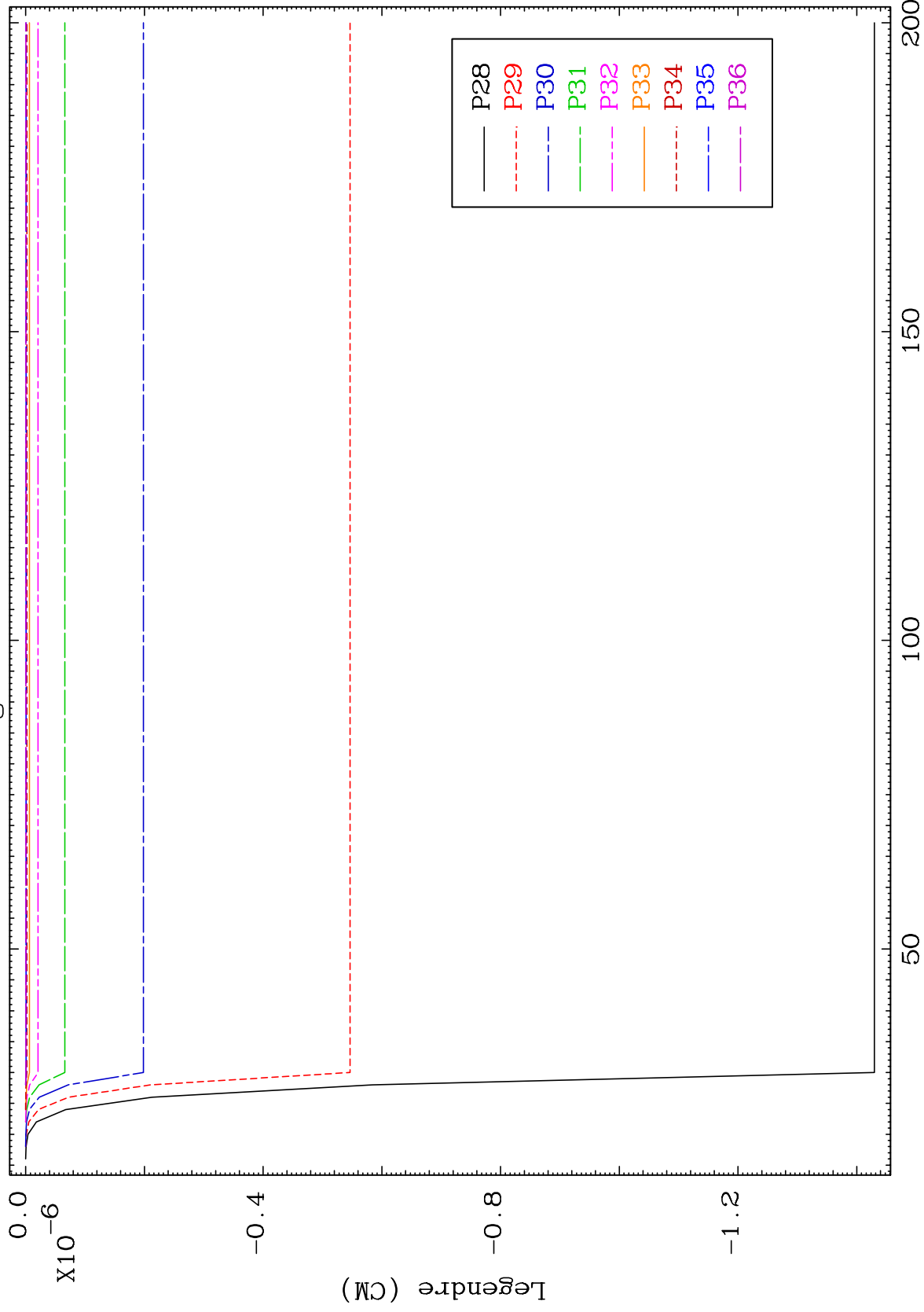
Incident Energy (MeV)

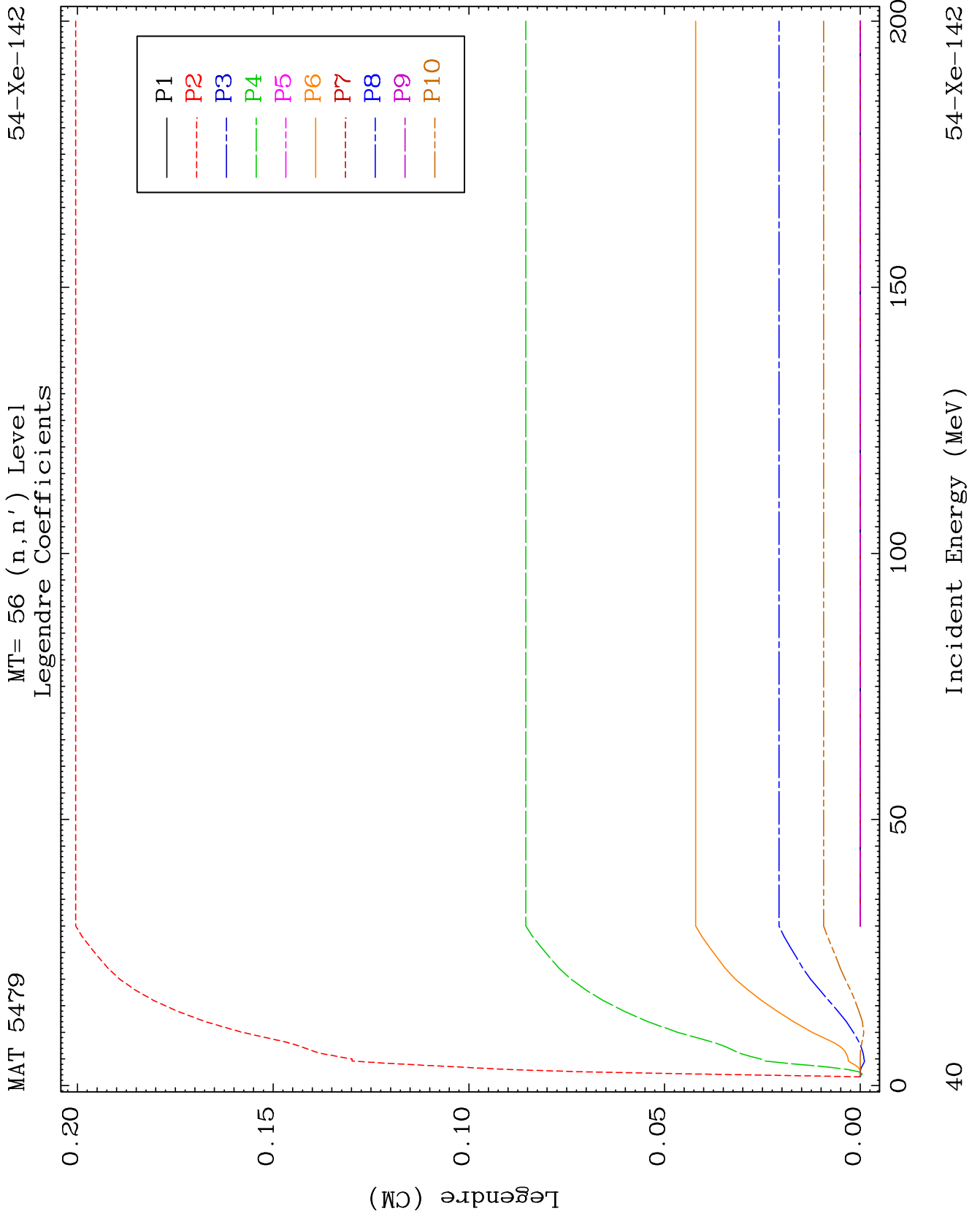
54-Xe-142

MAT 5479

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

54-Xe-142

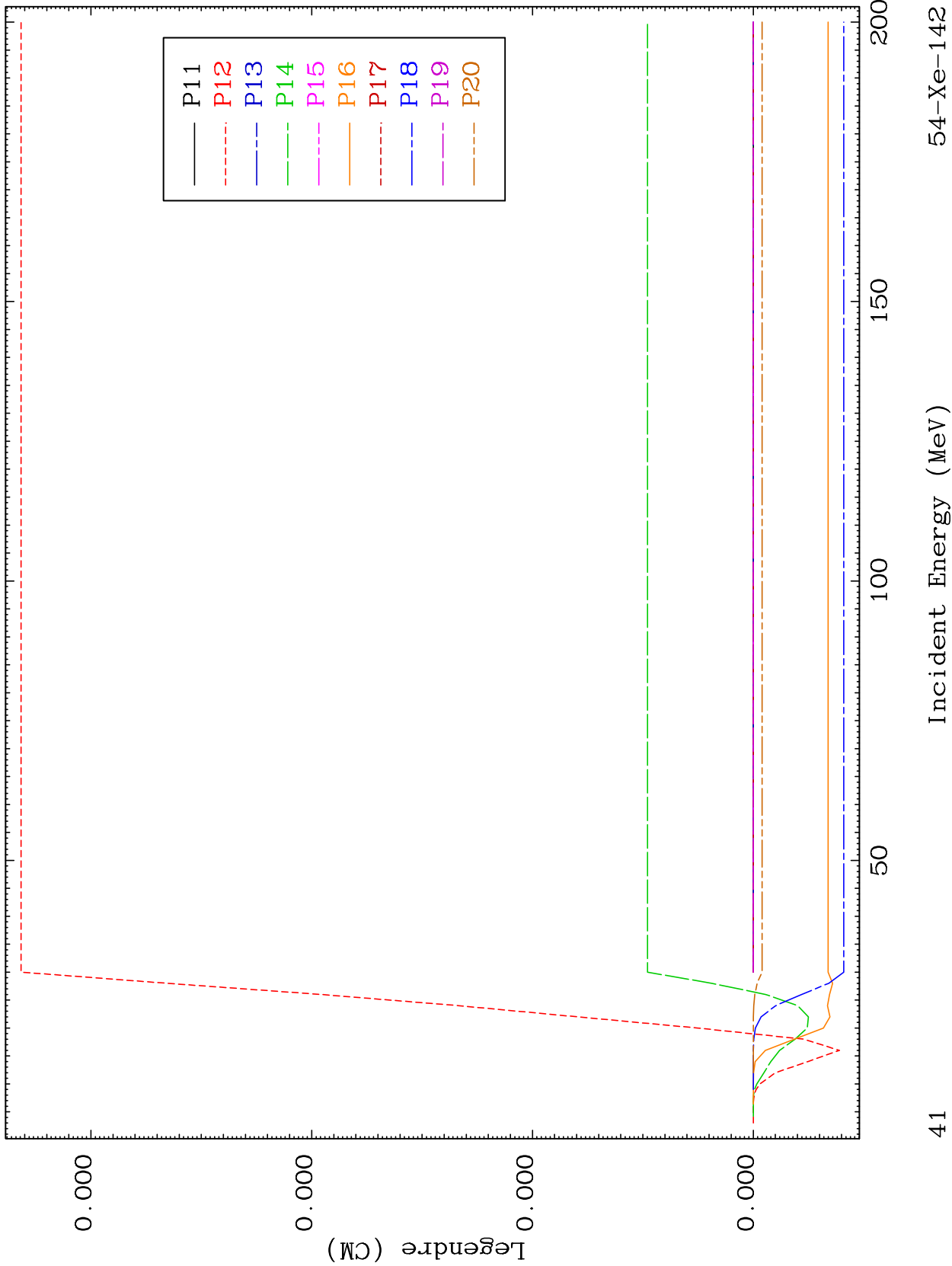




MAT 5479

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

54-Xe-142



41

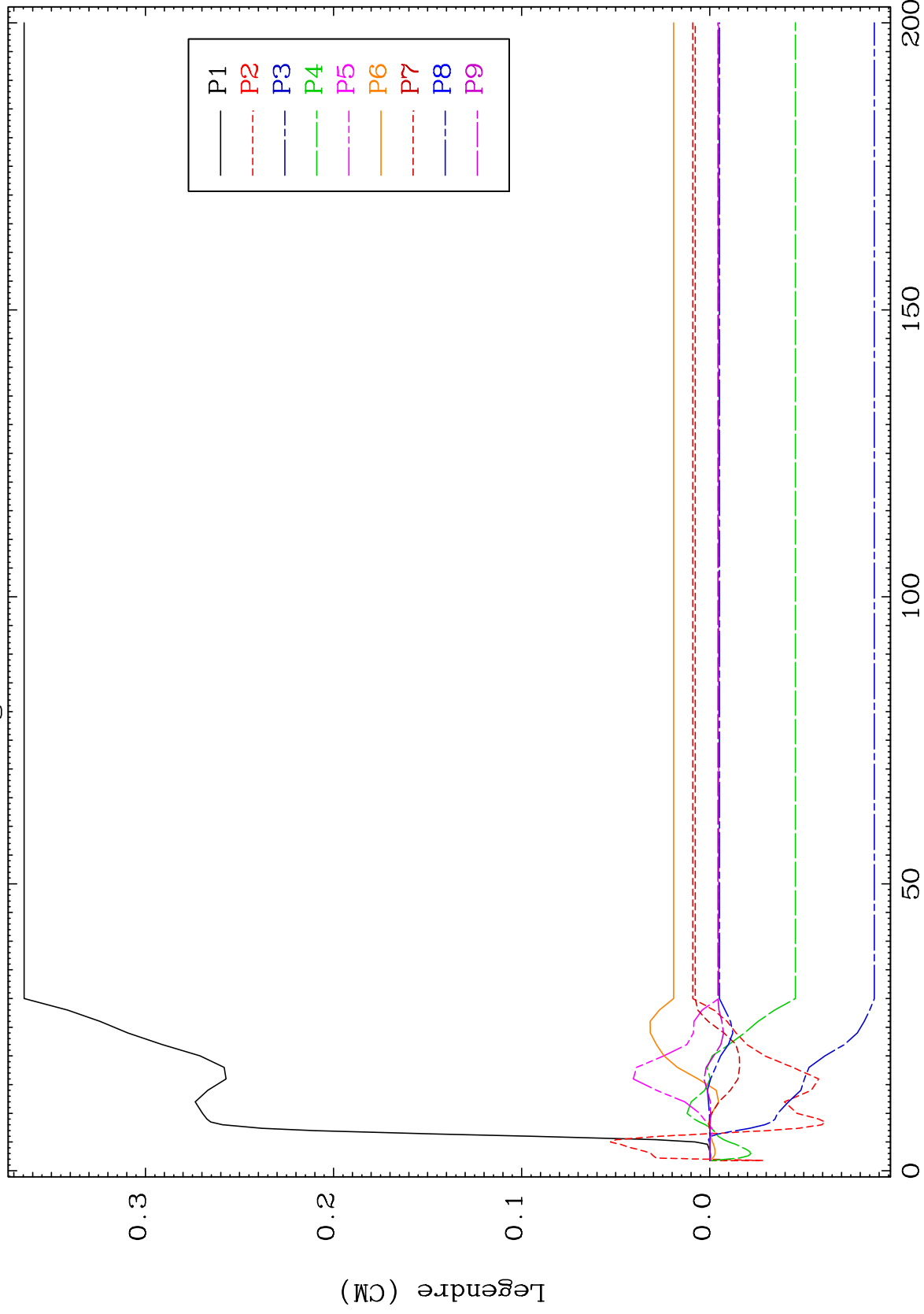
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



43

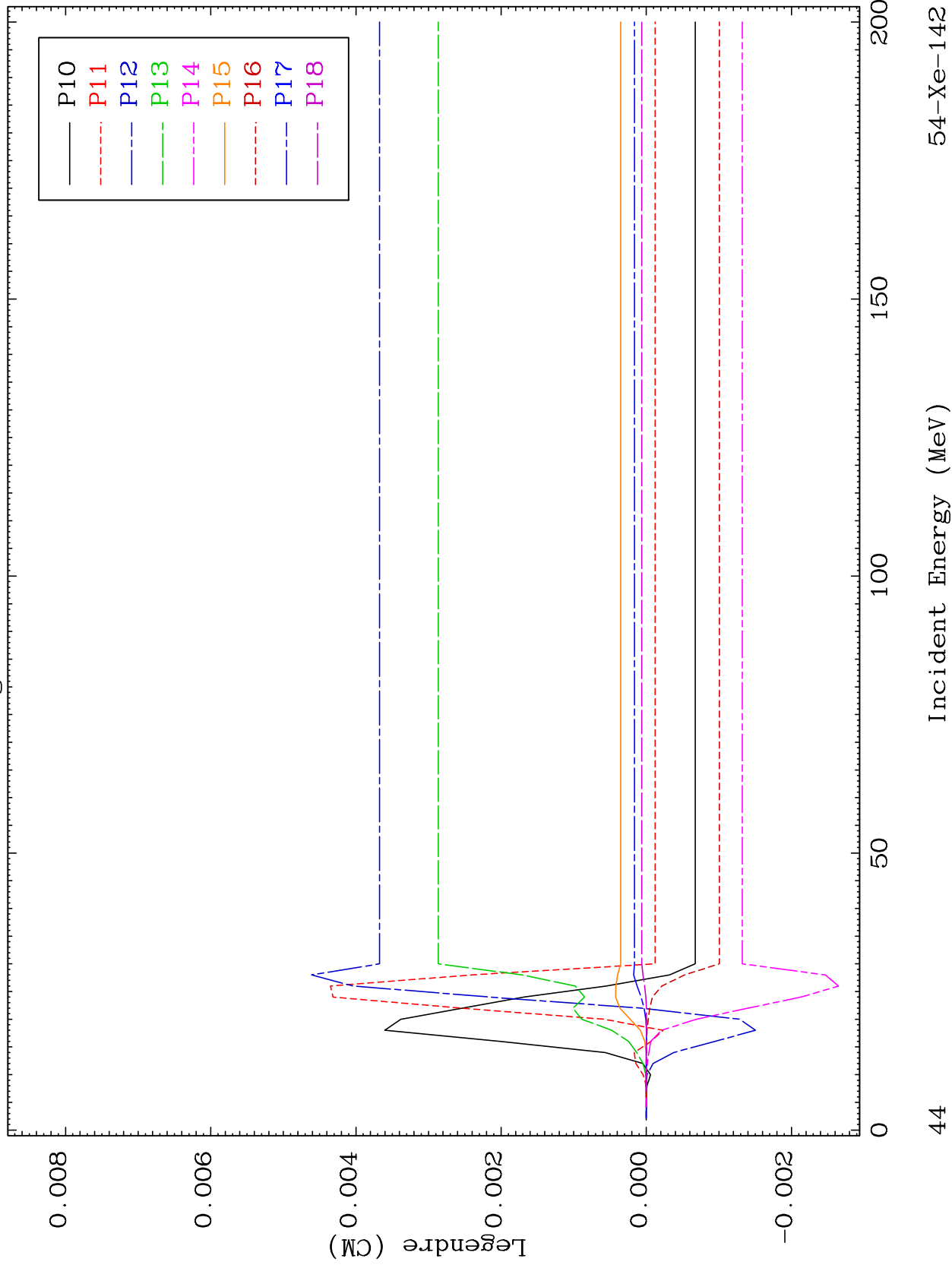
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



44

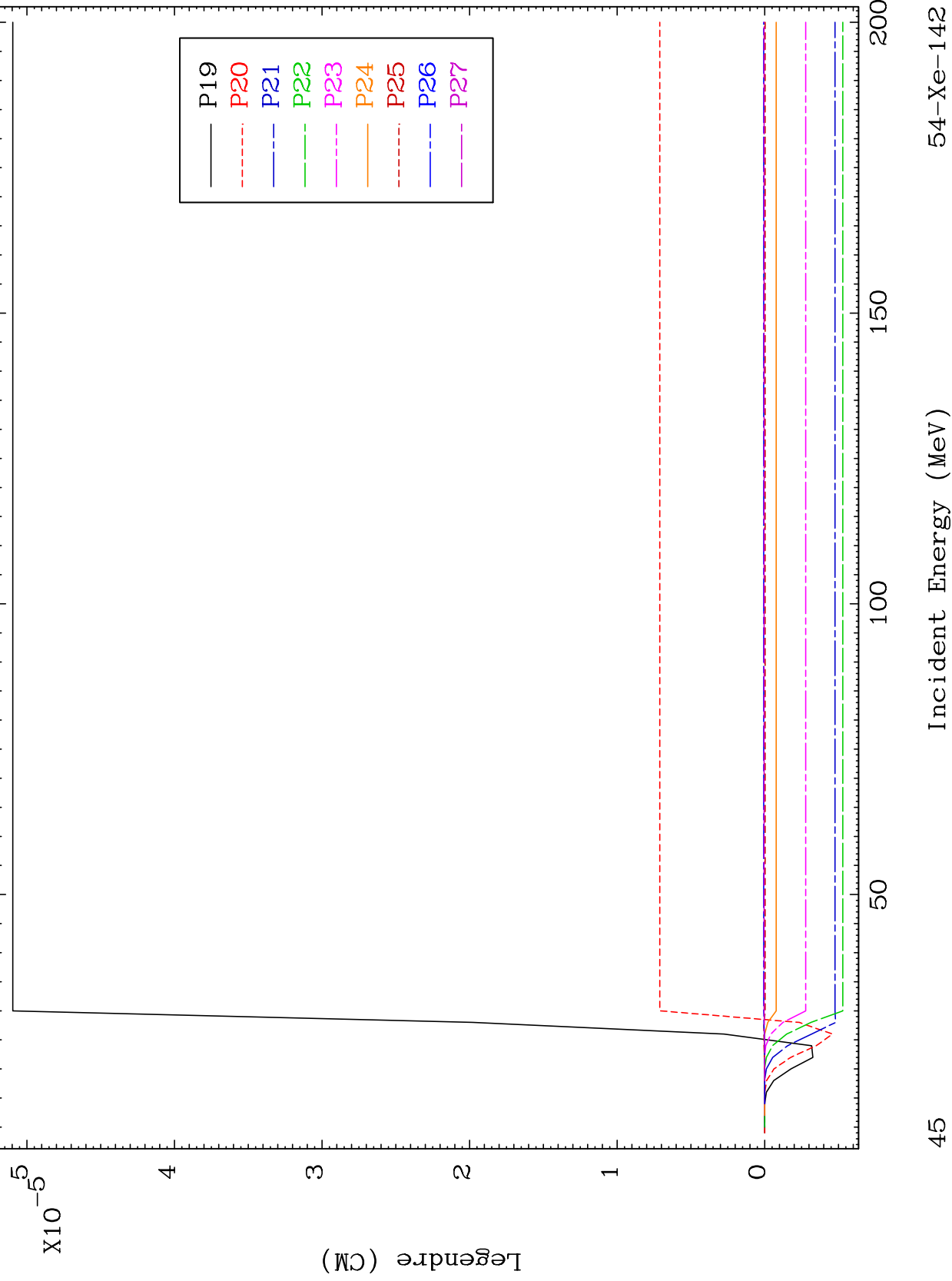
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



54-Xe-142

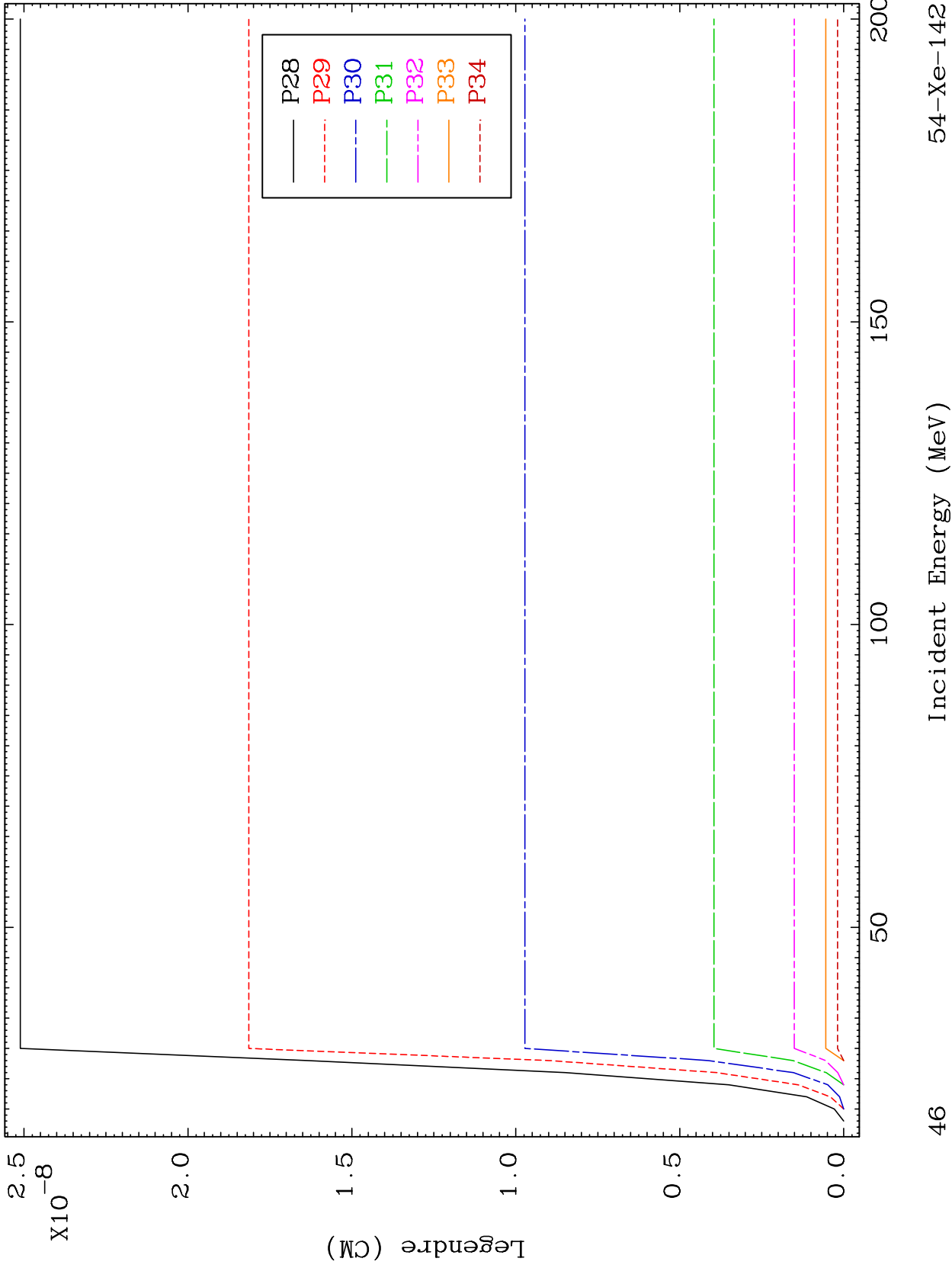
Incident Energy (MeV)

45

MAT 5479

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

54-Xe-142



46

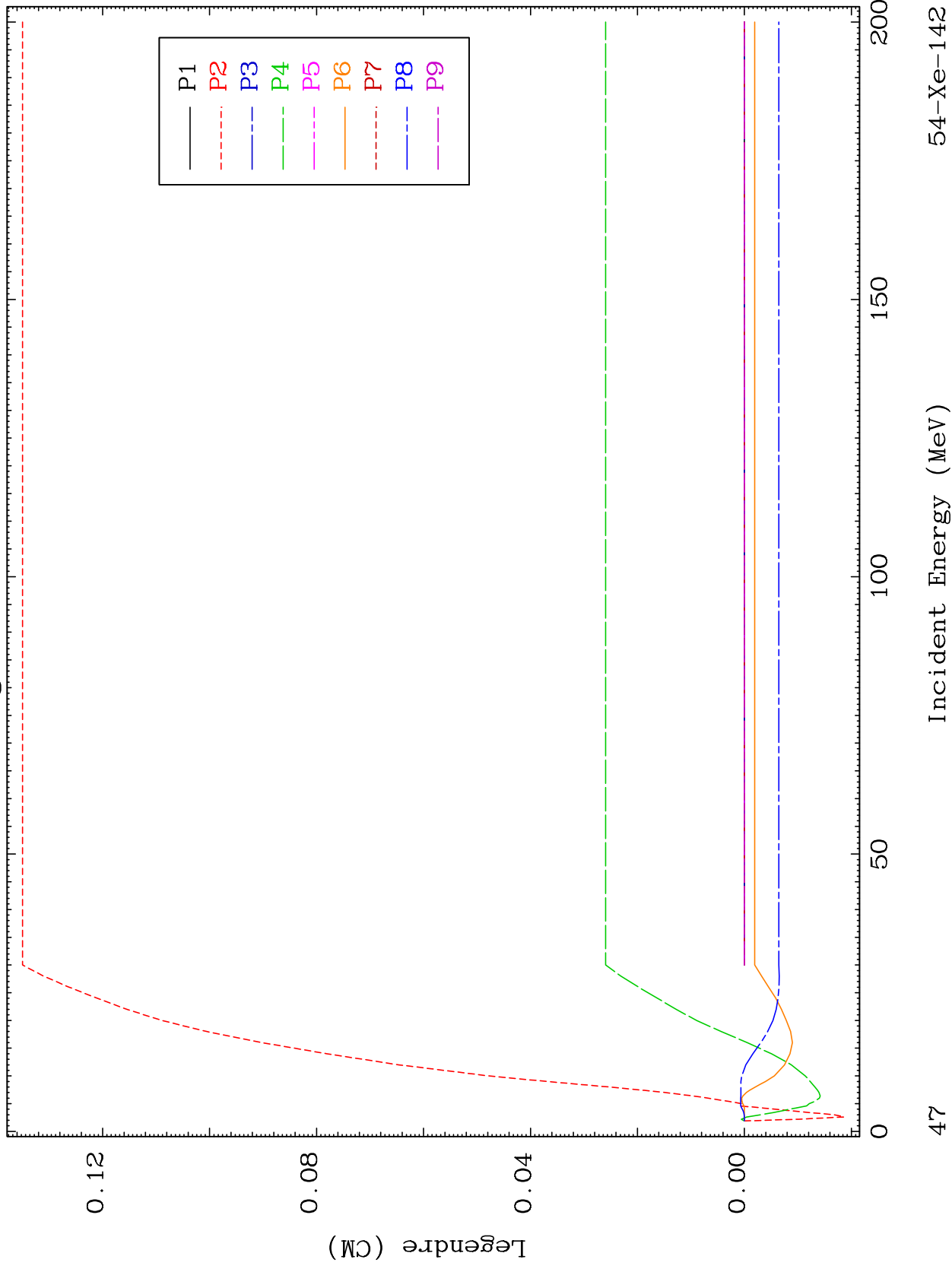
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



54-Xe-142

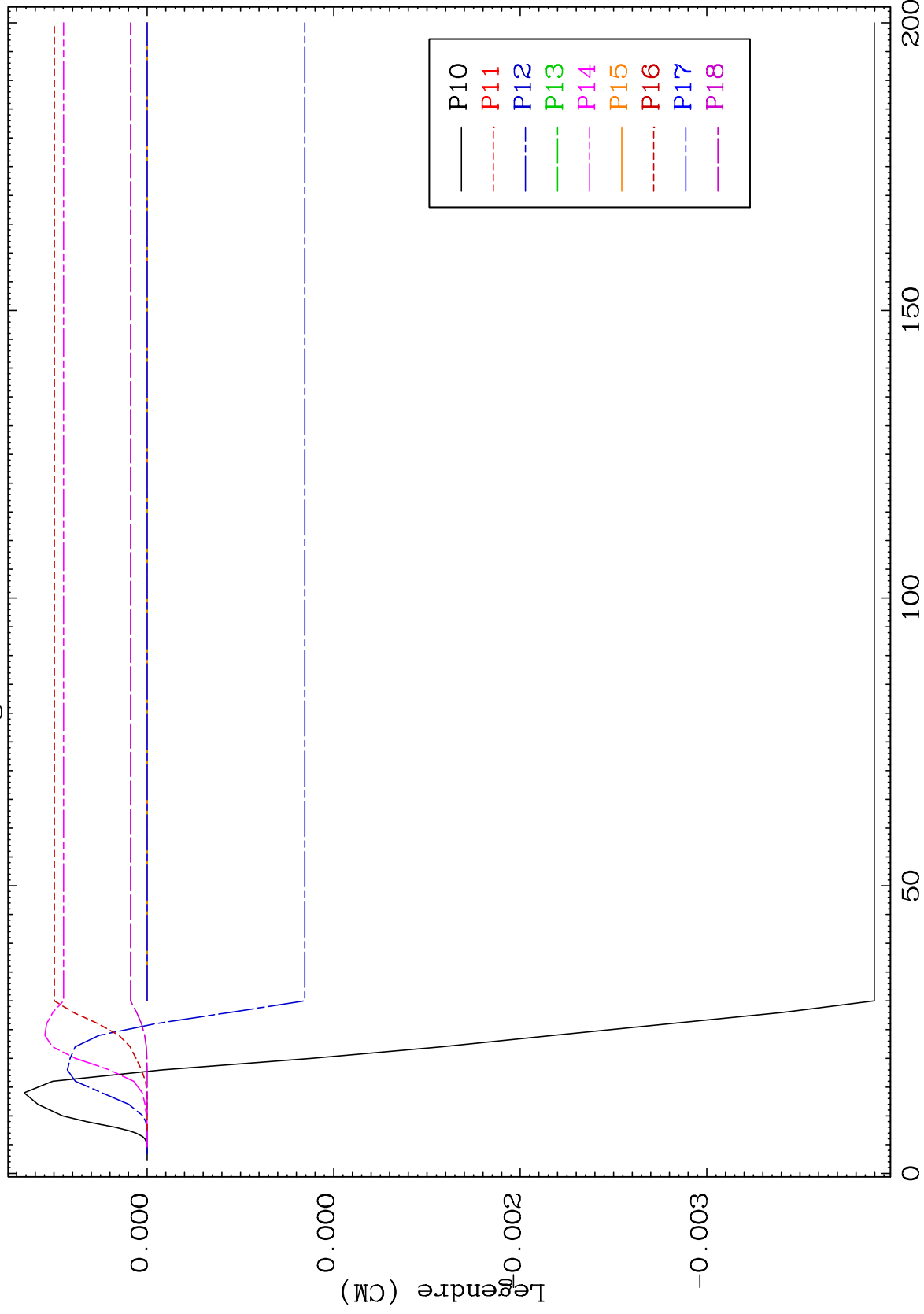
Incident Energy (MeV)

47

MAT 5479

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

54-Xe-142



48

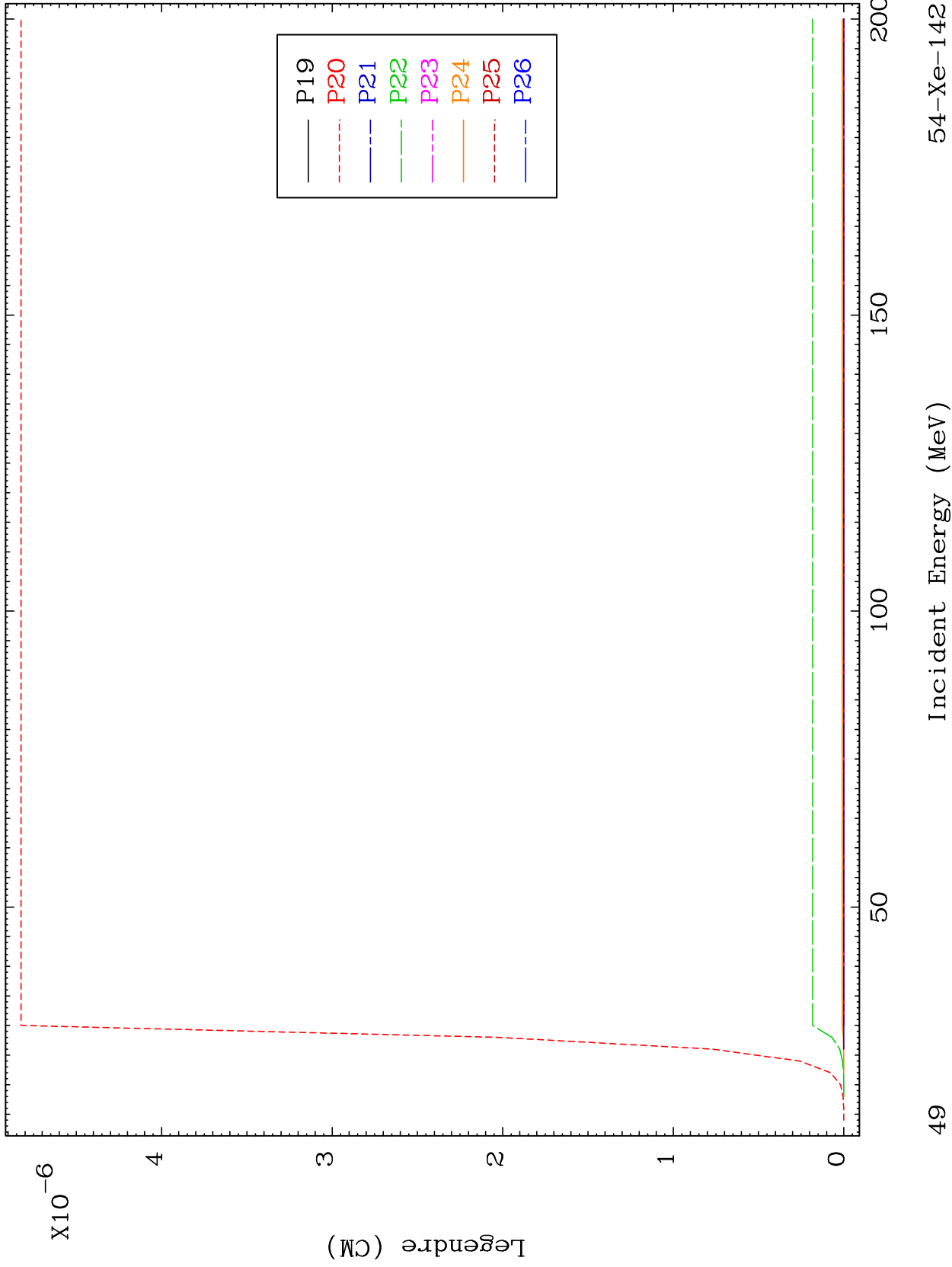
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



54-Xe-142

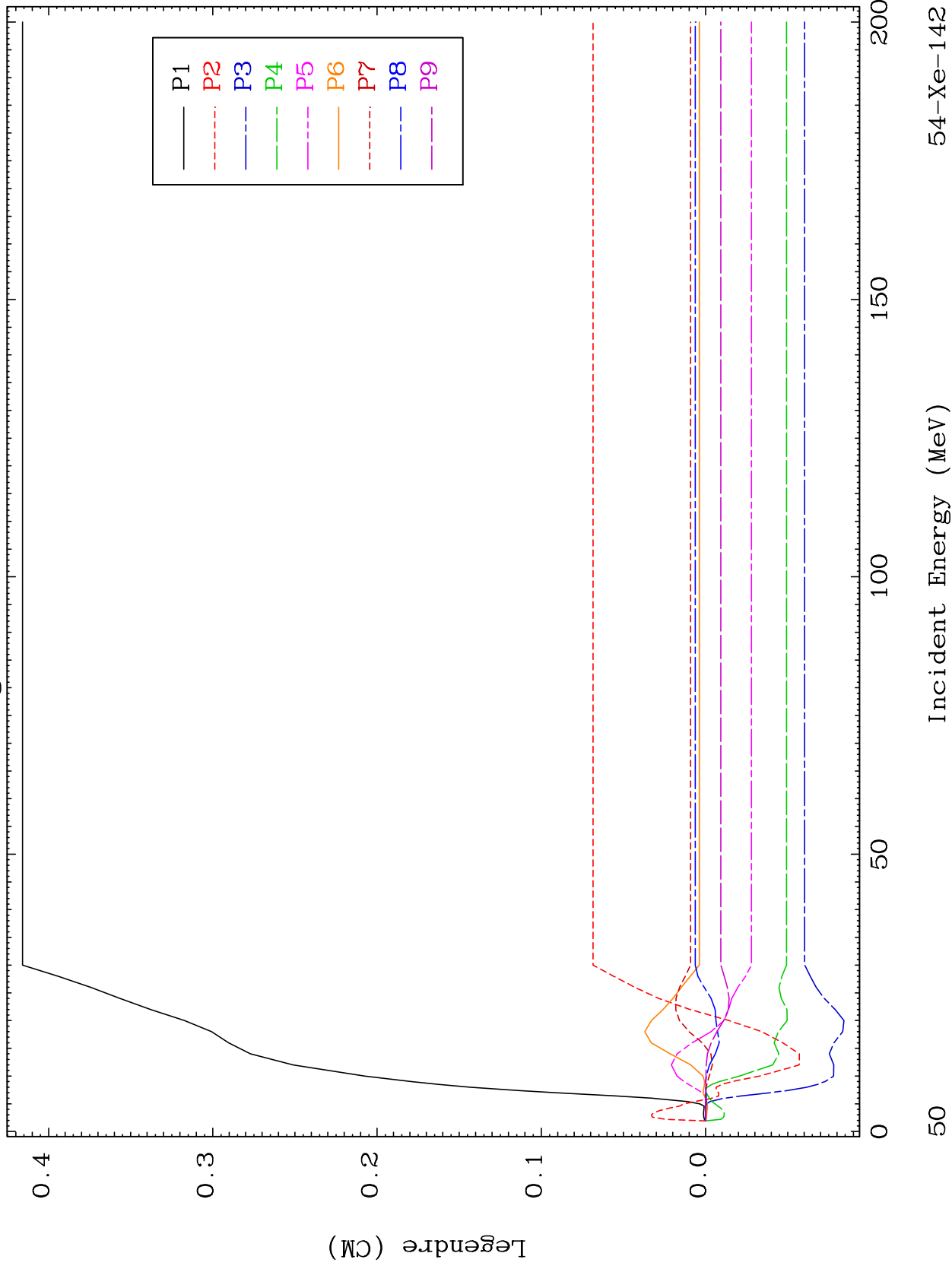
Incident Energy (MeV)

49

MAT 5479

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

54-Xe-142



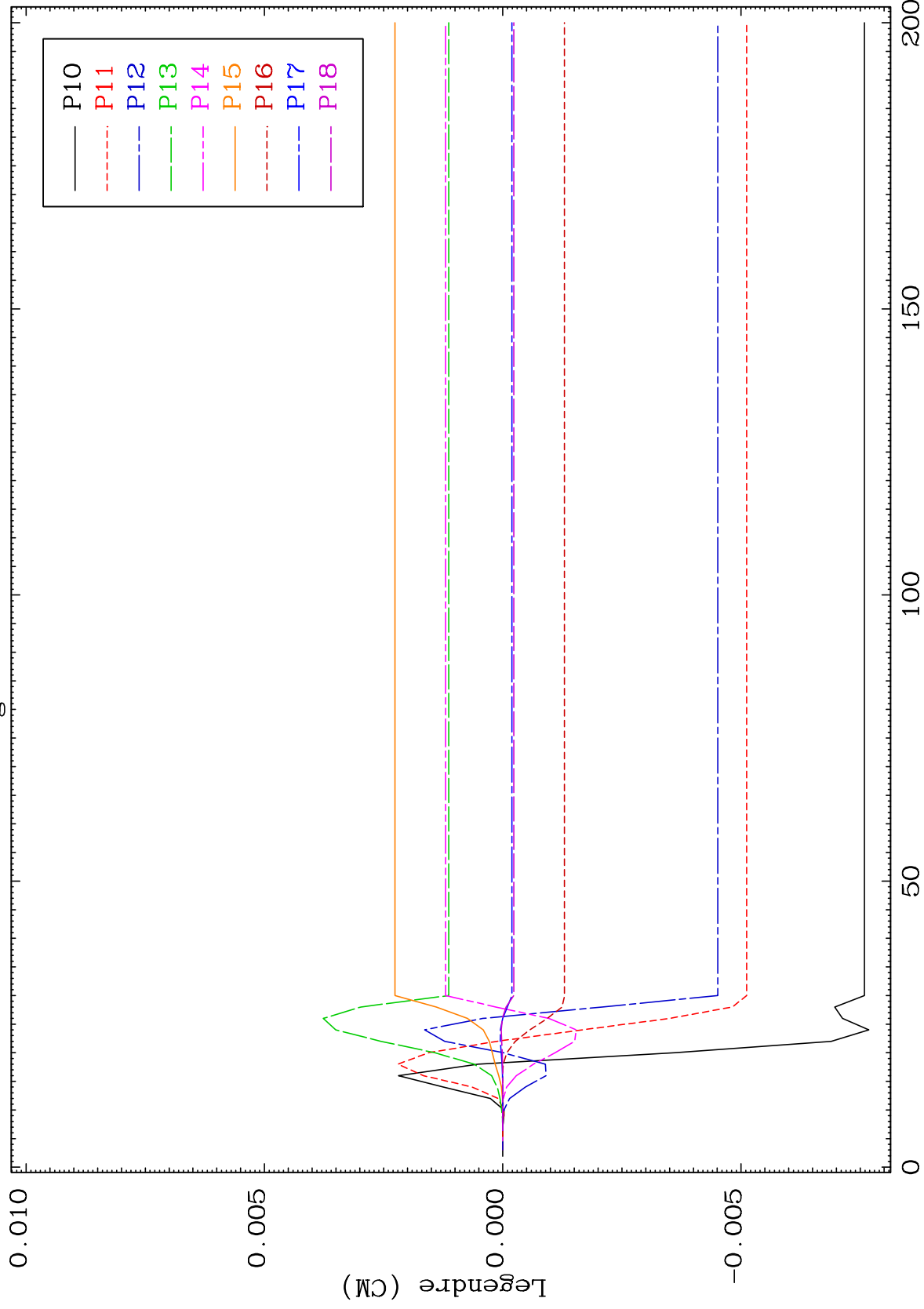
54-Xe-142

Incident Energy (MeV)

MAT 5479

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

54-Xe-142



51

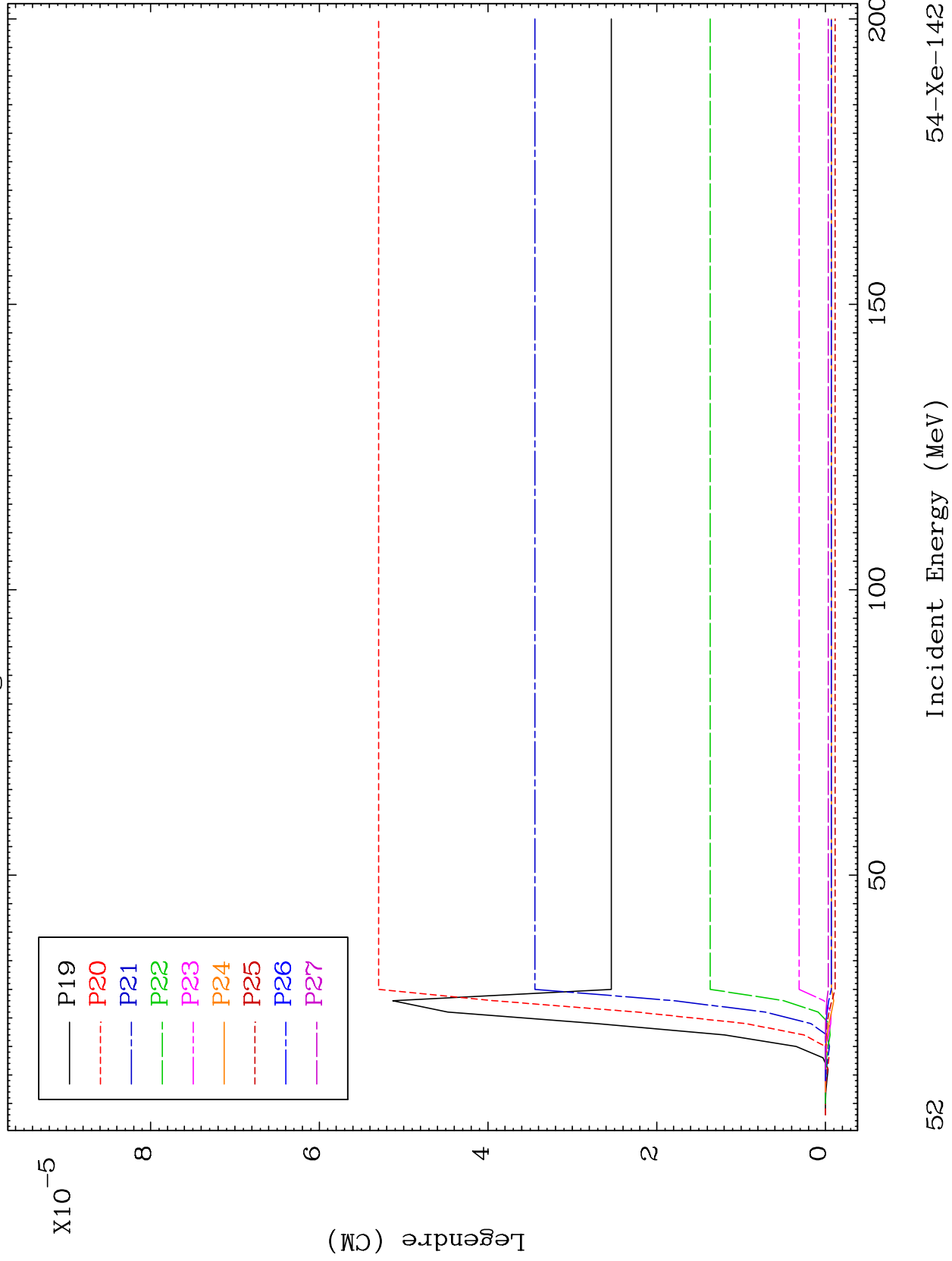
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



52

Incident Energy (MeV)

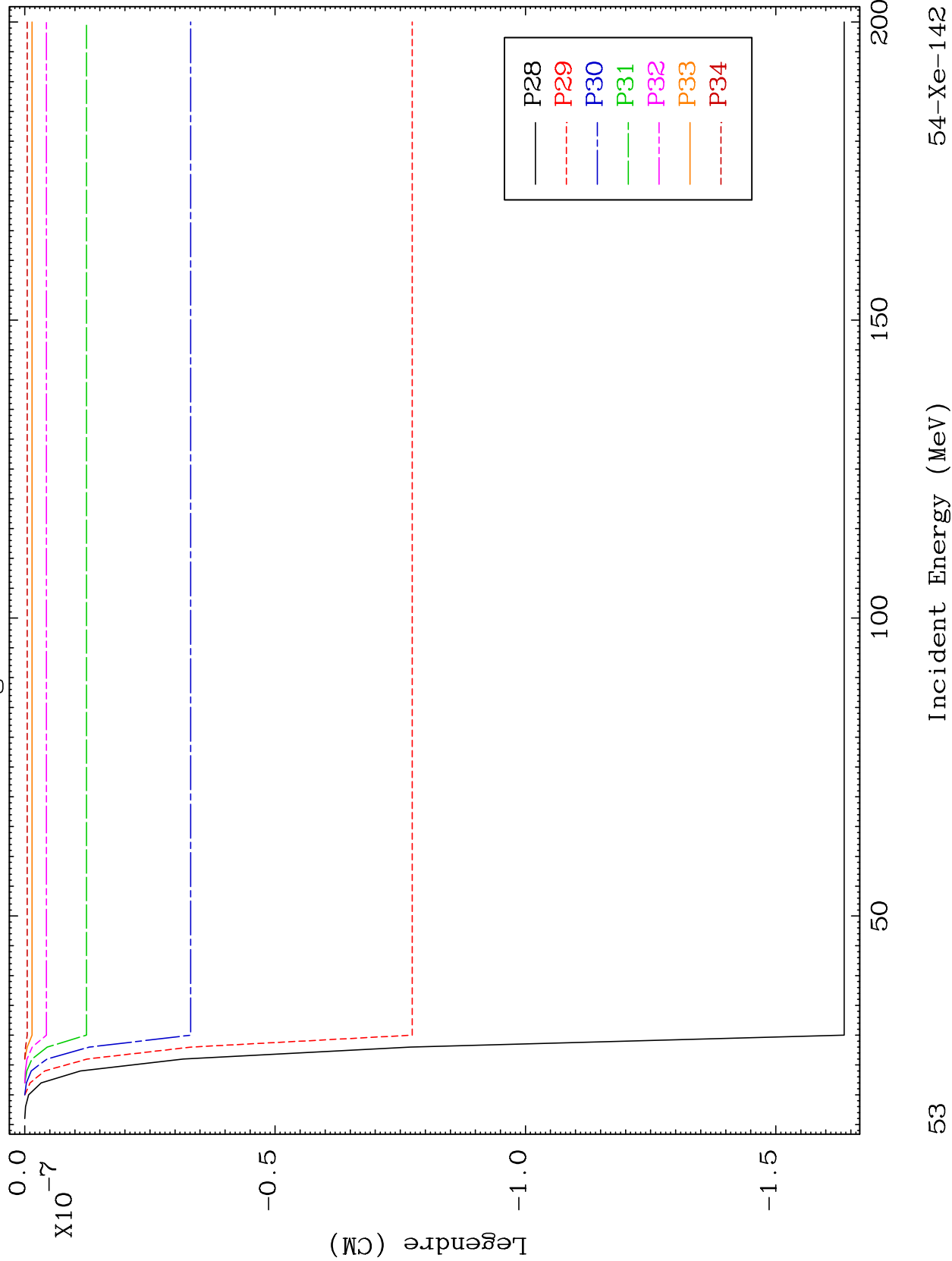
54-Xe-142

MAT 5479

MT= 59 (n,n') Level

54-Xe-142

Legendre Coefficients



53

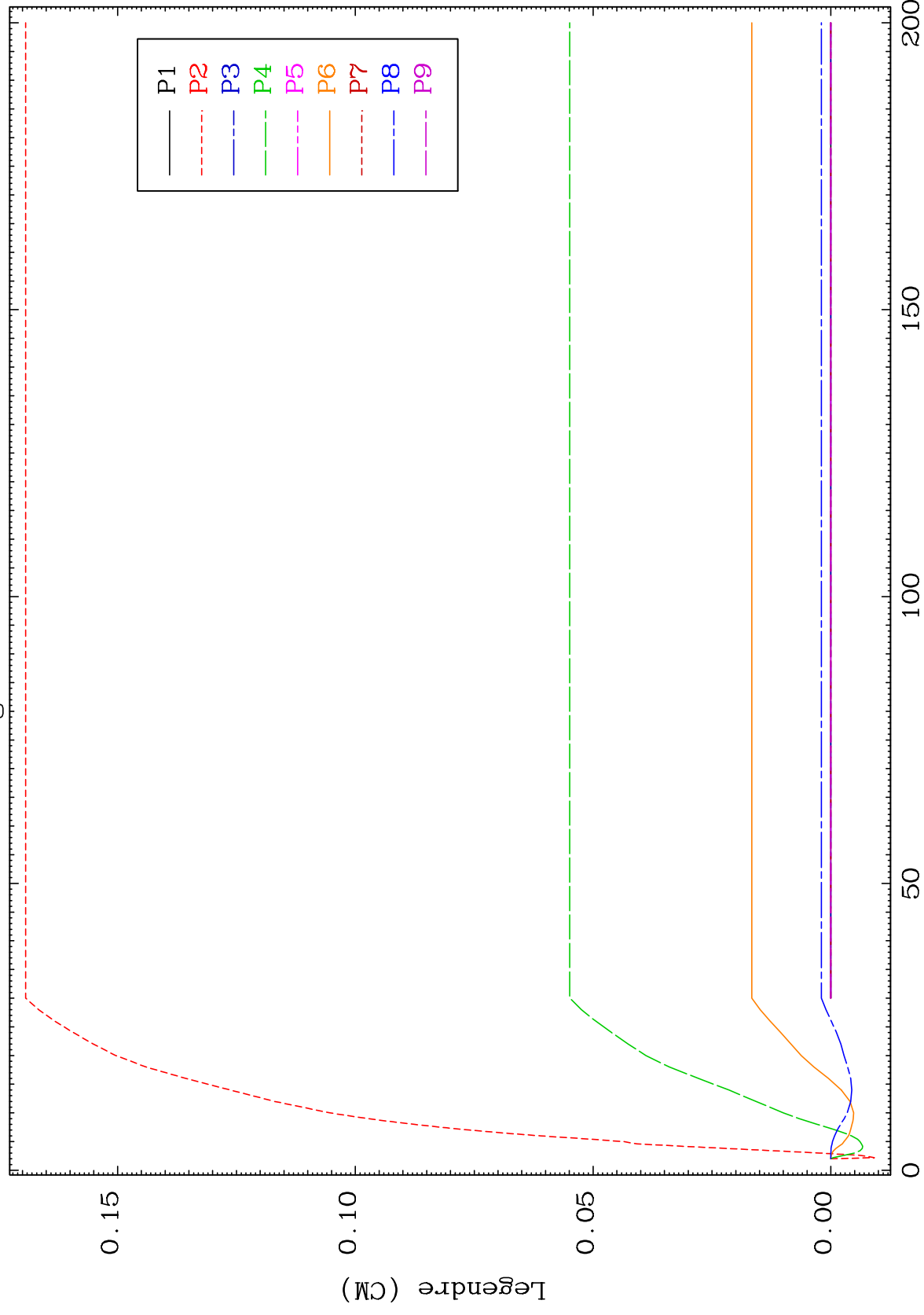
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



54-Xe-142

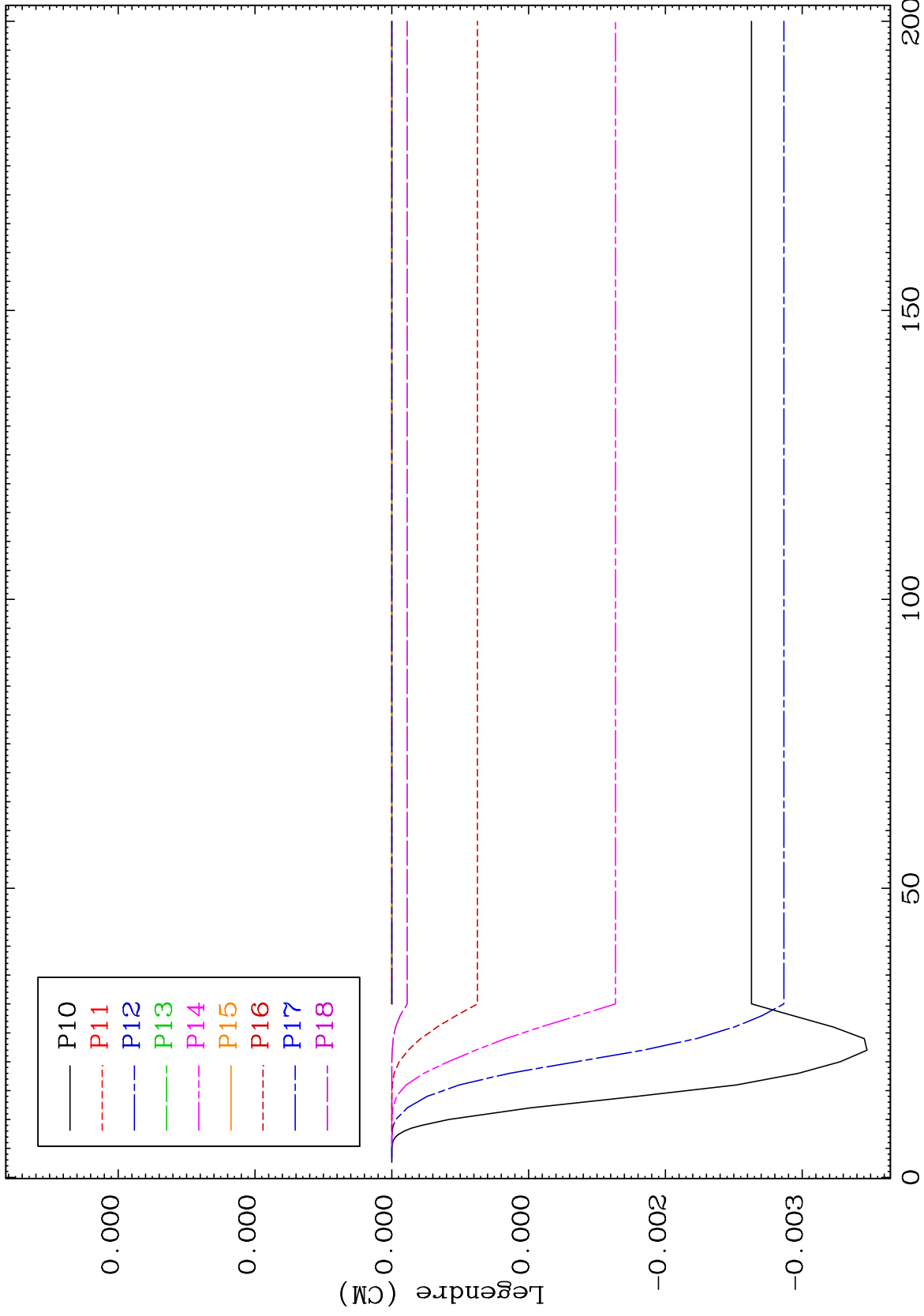
Incident Energy (MeV)

54

MAT 5479

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

54-Xe-142



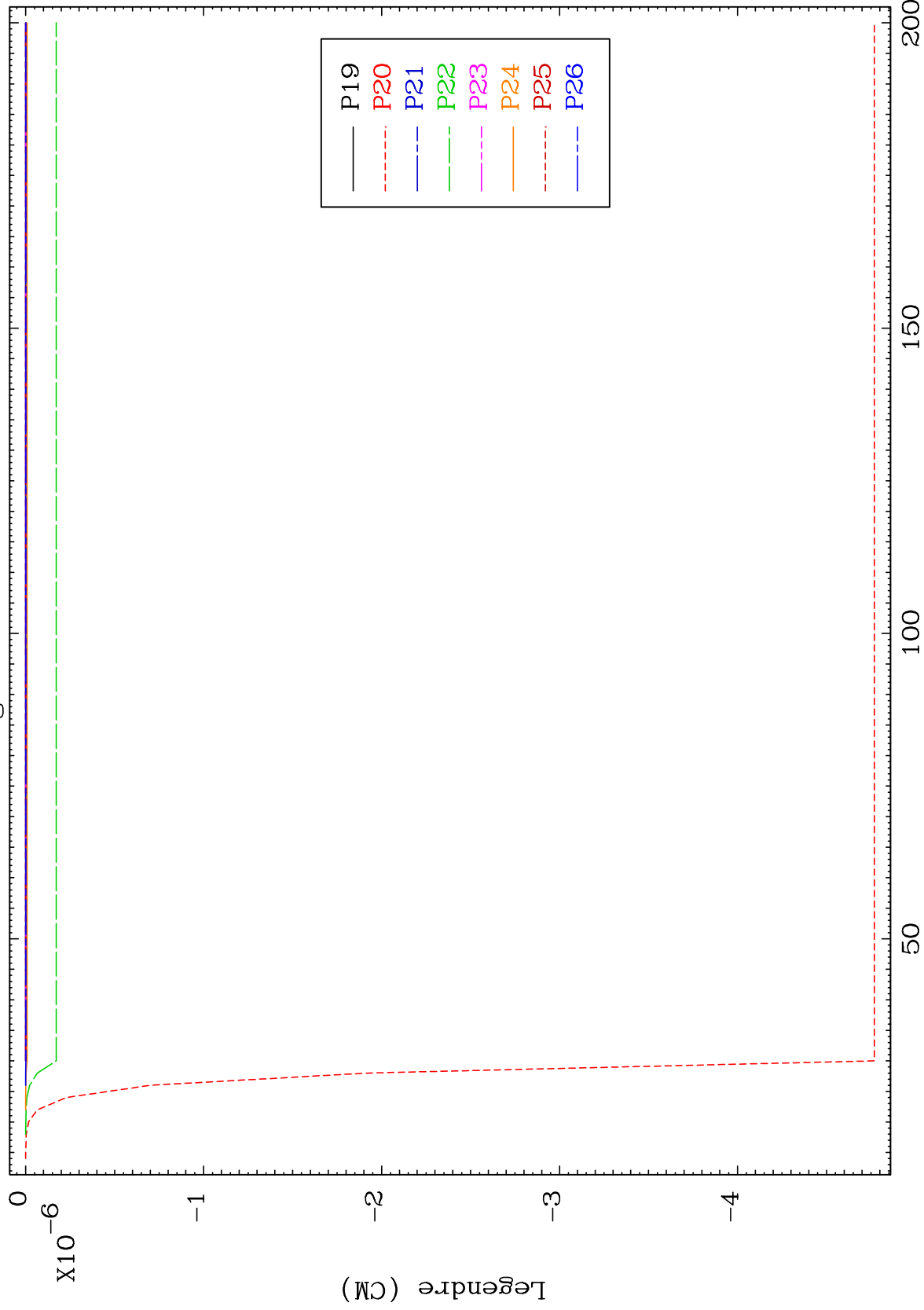
55

54-Xe-142

MAT 5479

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

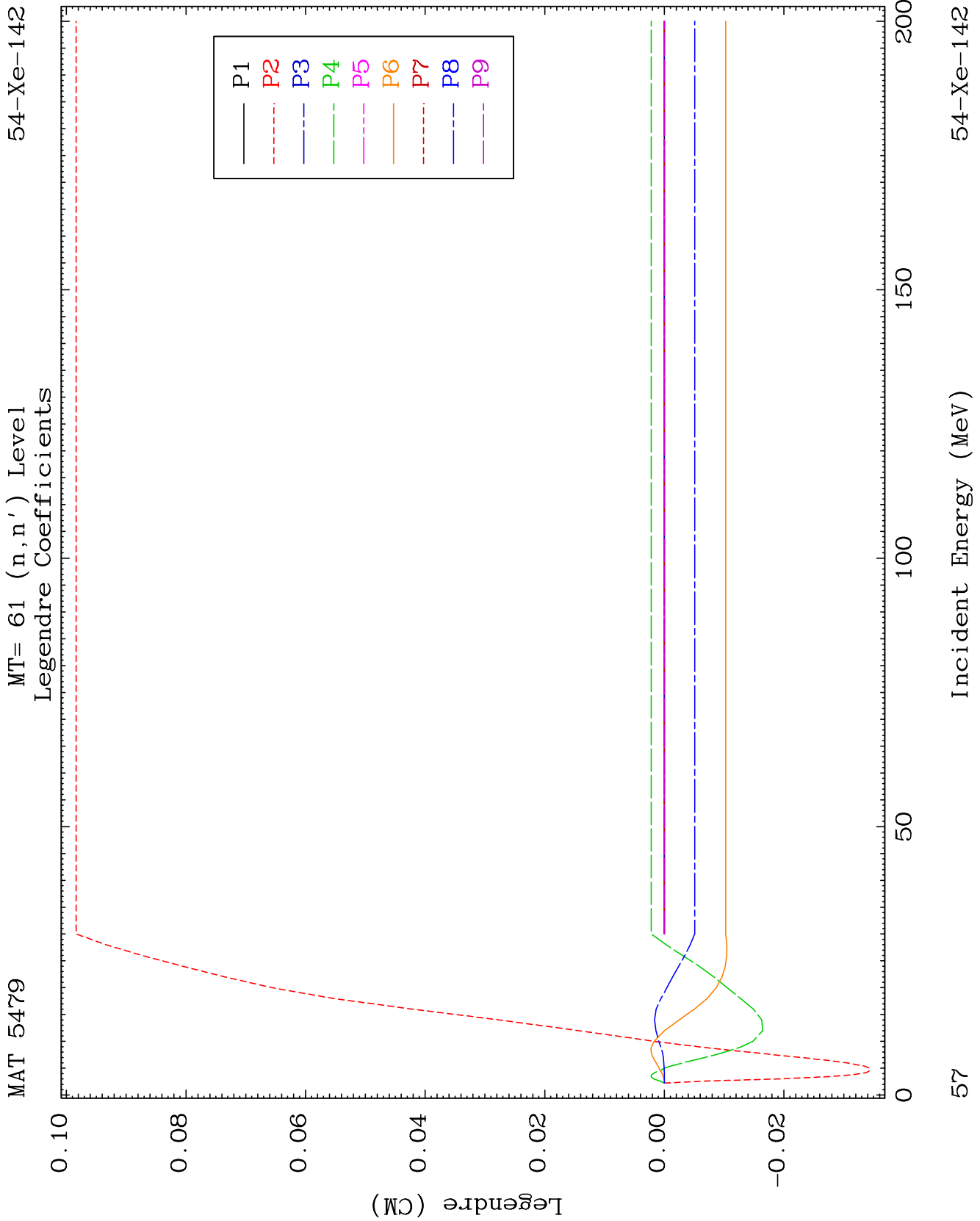
54-Xe-142



56

Incident Energy (MeV)

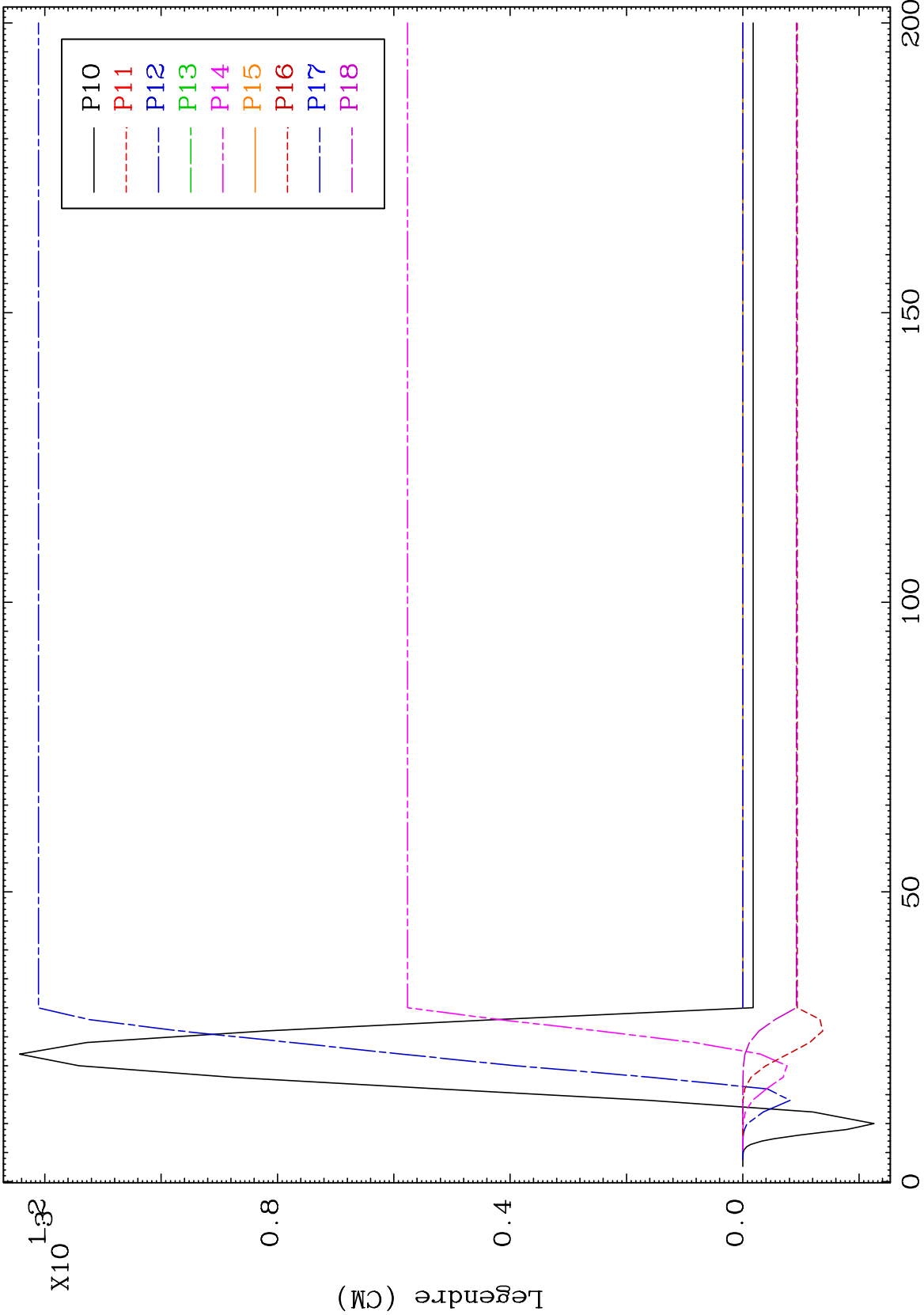
54-Xe-142



MAT 5479

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

54-Xe-142



58

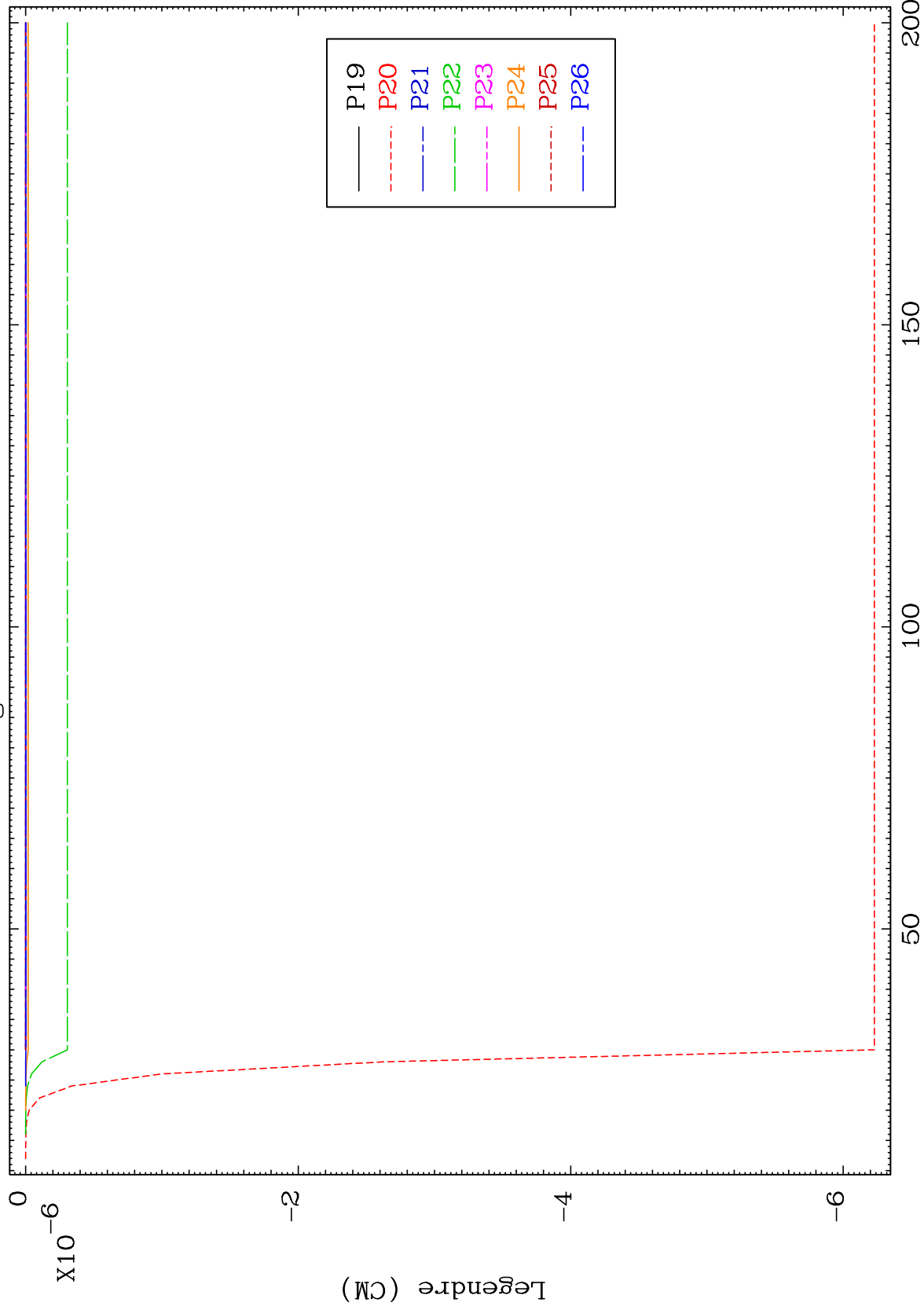
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



59

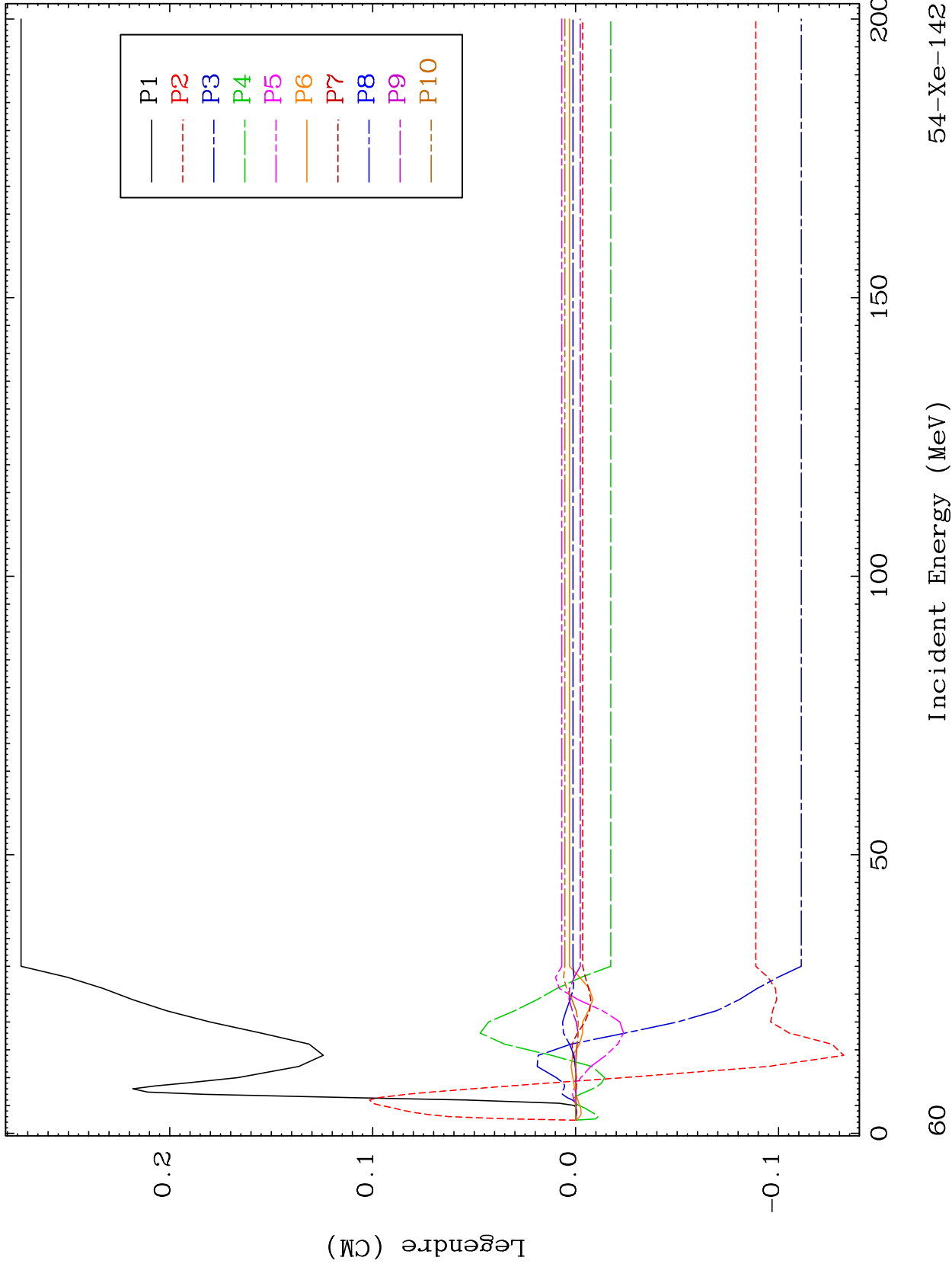
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



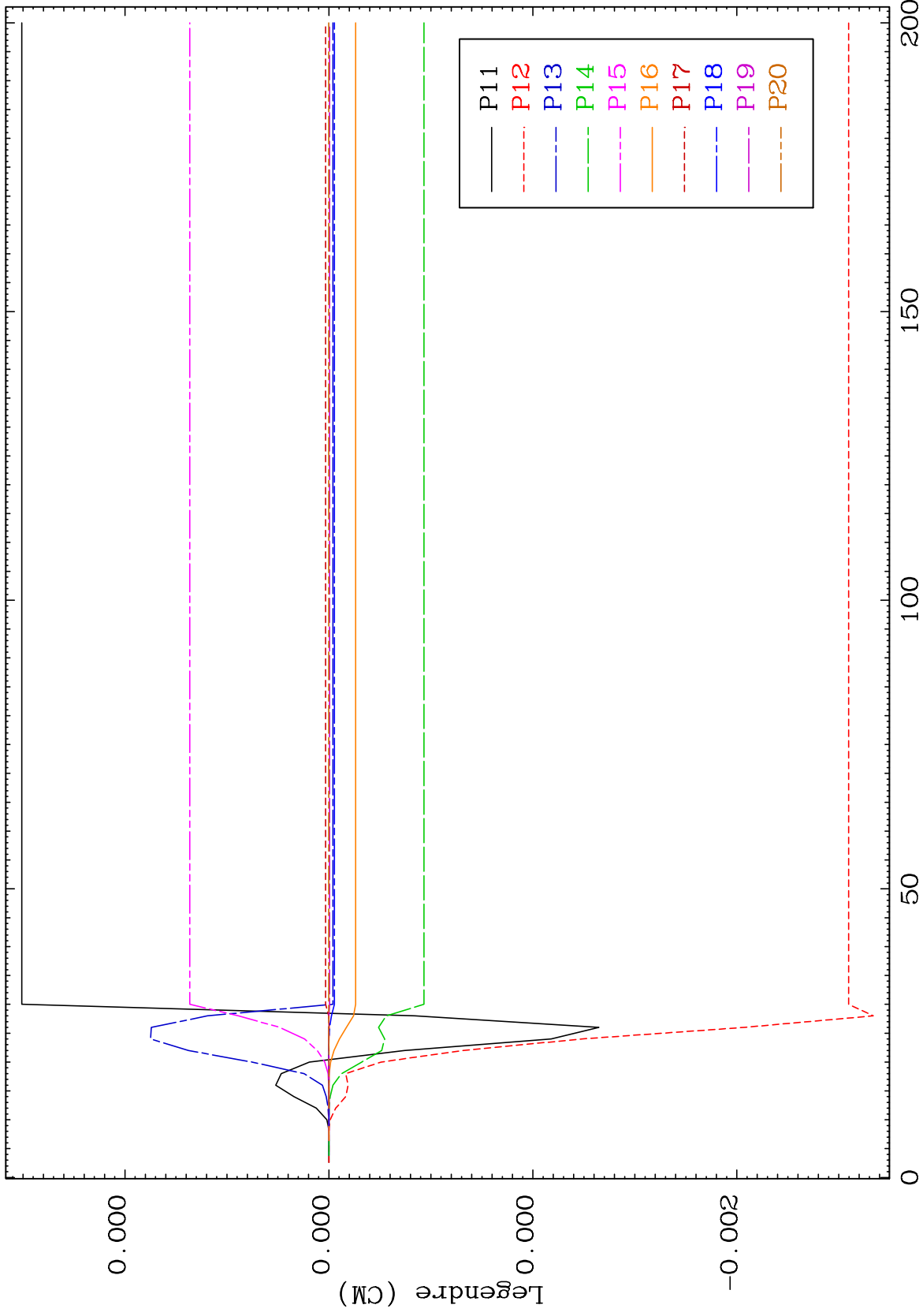
54-Xe-142

Incident Energy (MeV)

MAT 5479

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

54-Xe-142



61

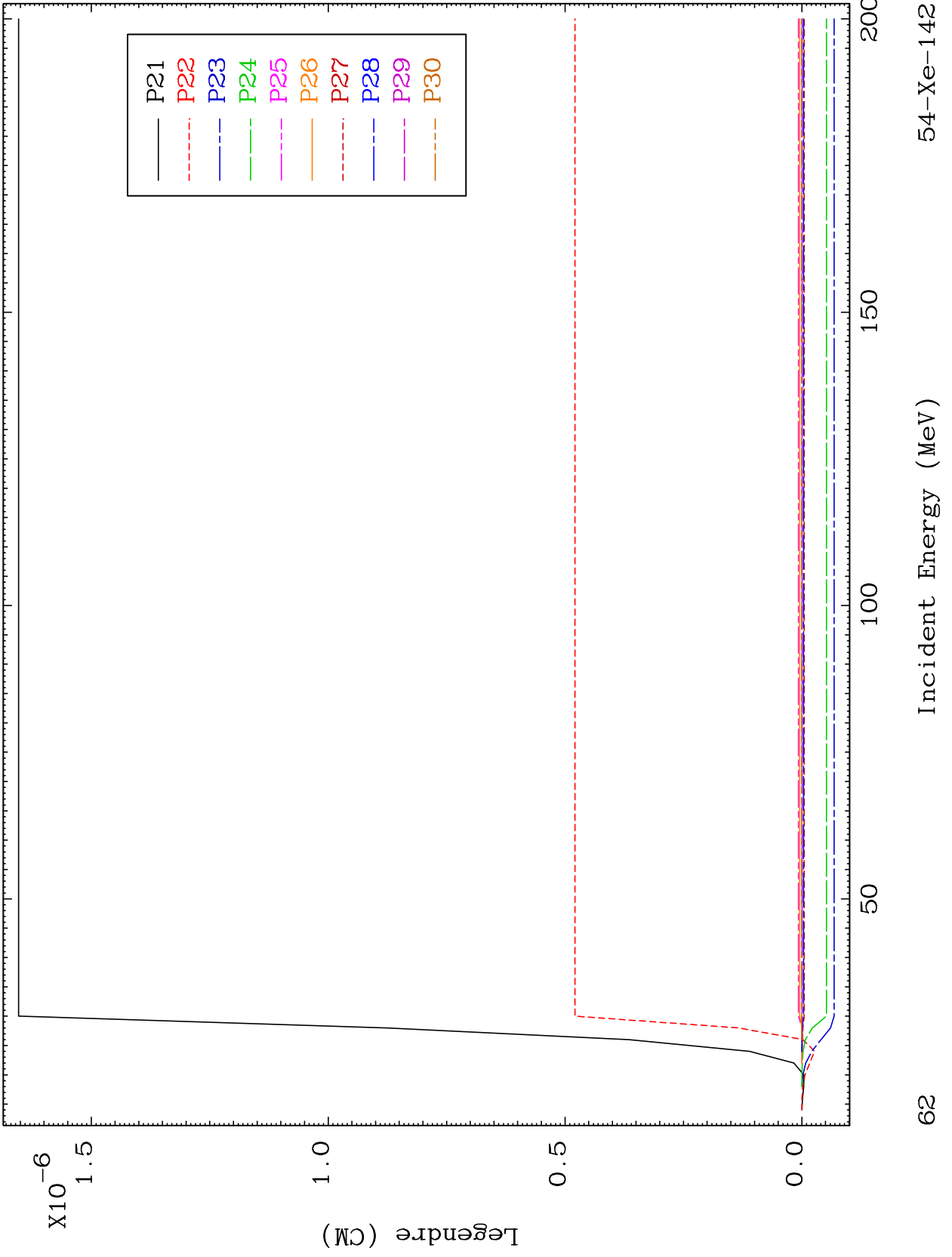
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



62

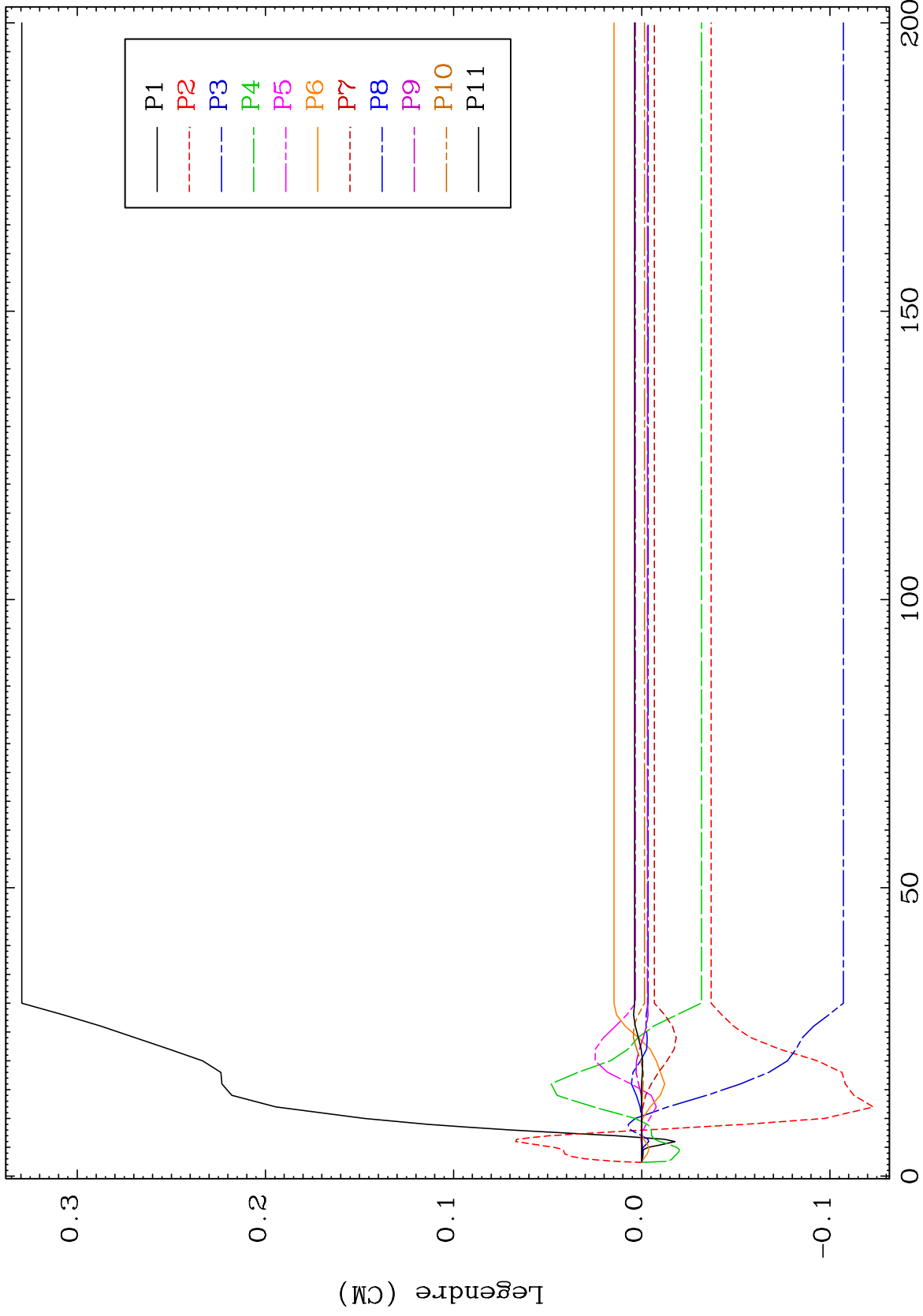
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



63

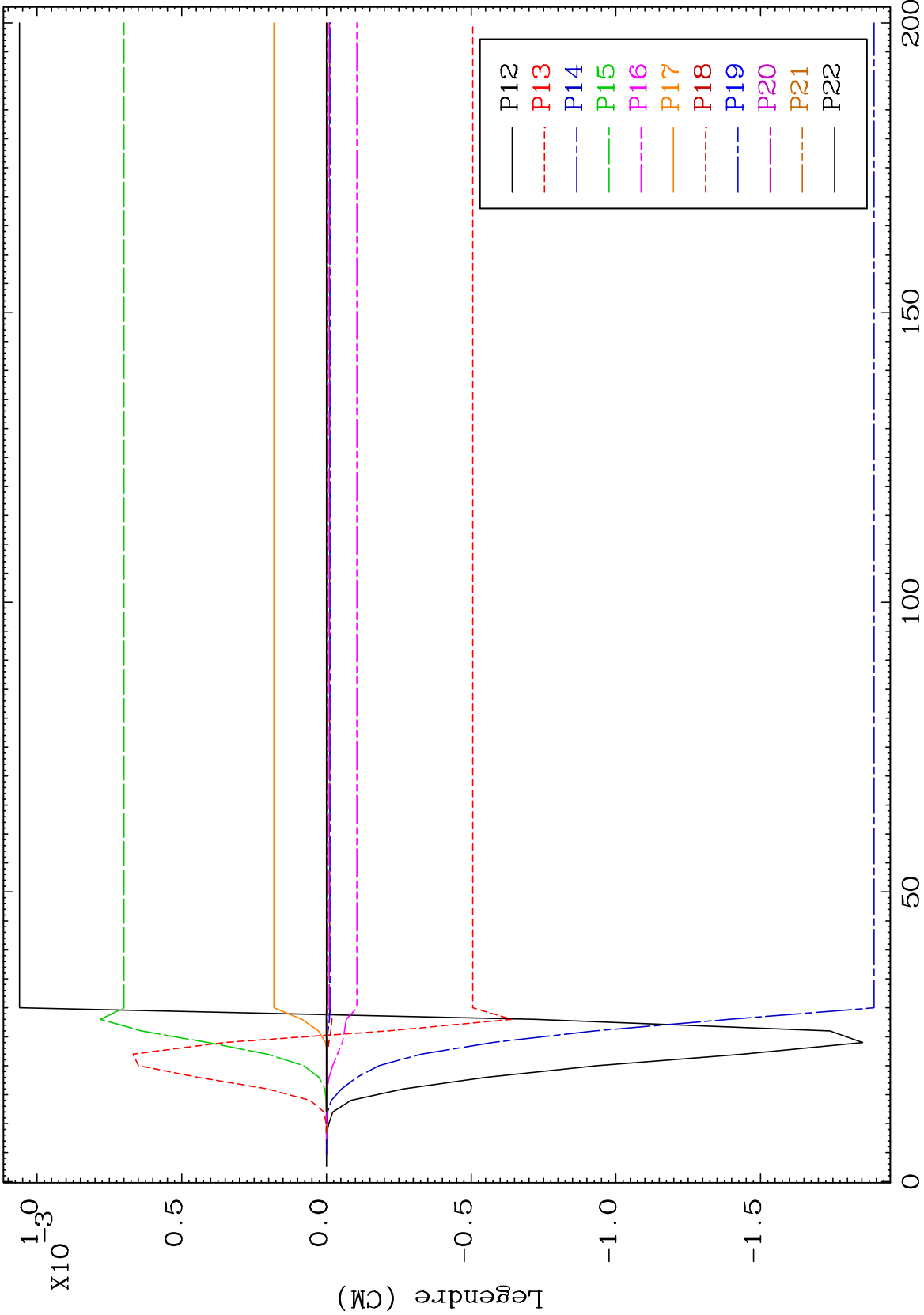
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



64

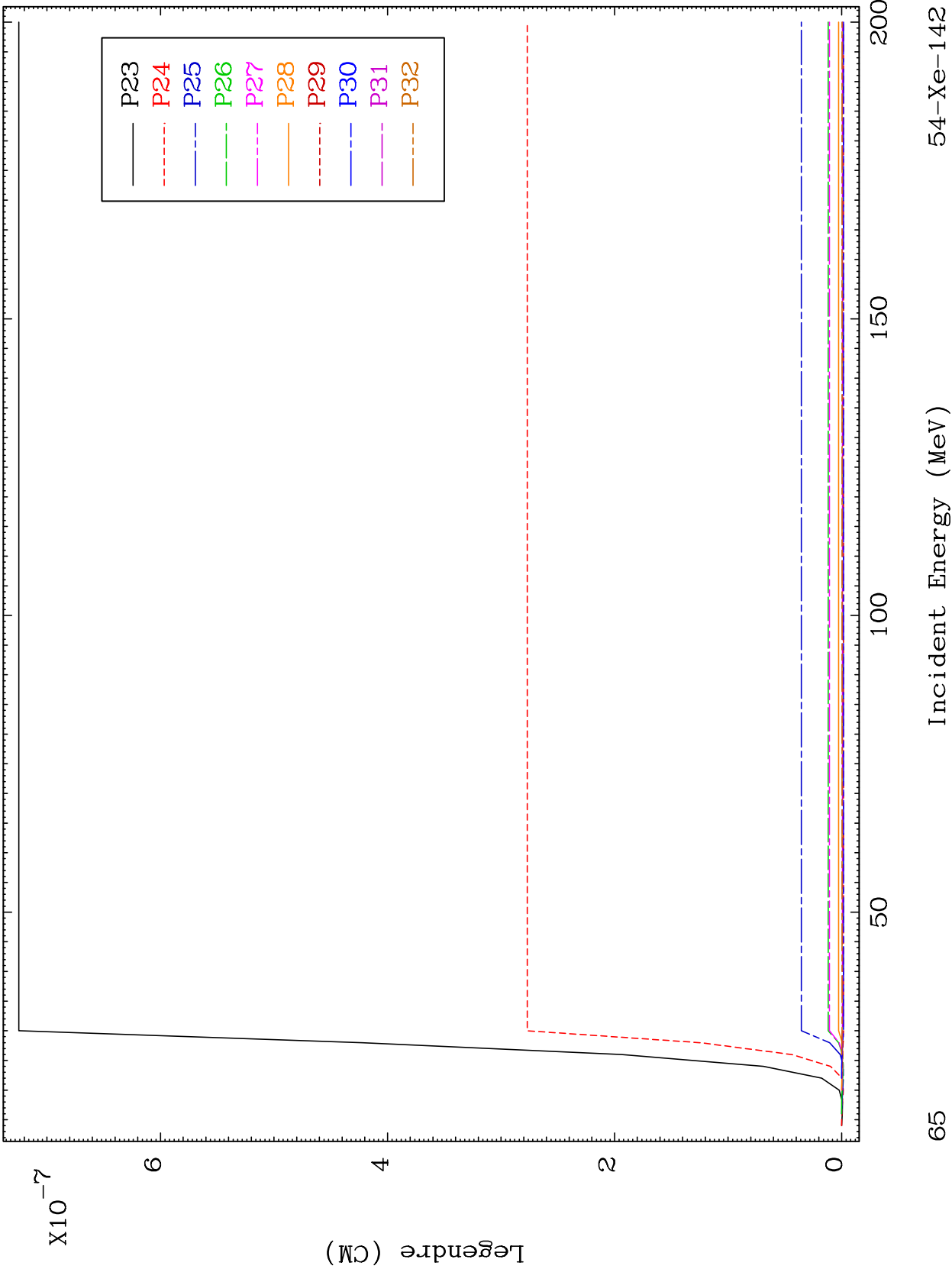
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



65

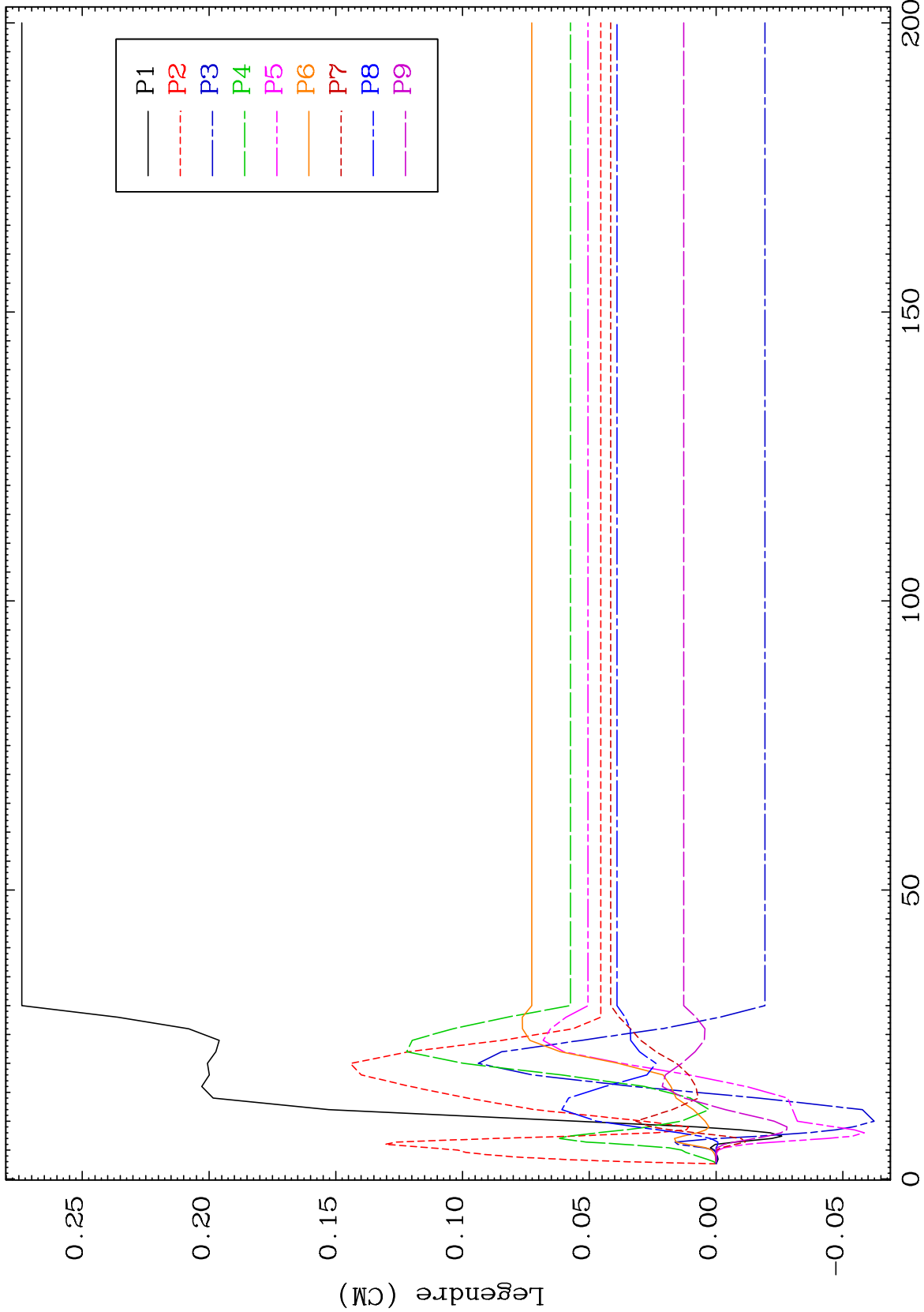
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



66

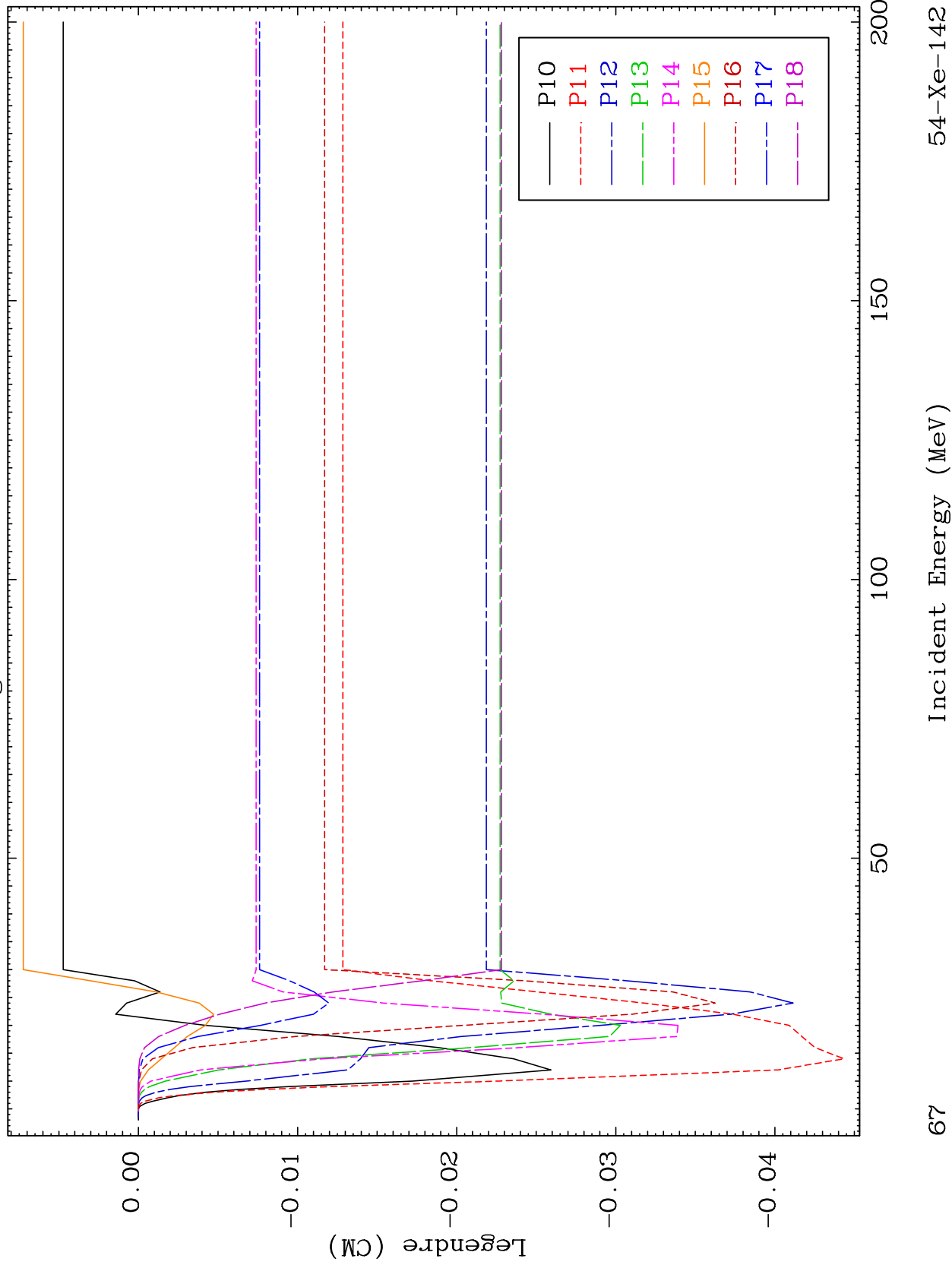
Incident Energy (MeV)

54-Xe-142

MAT 5479

54-Xe-142

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



67

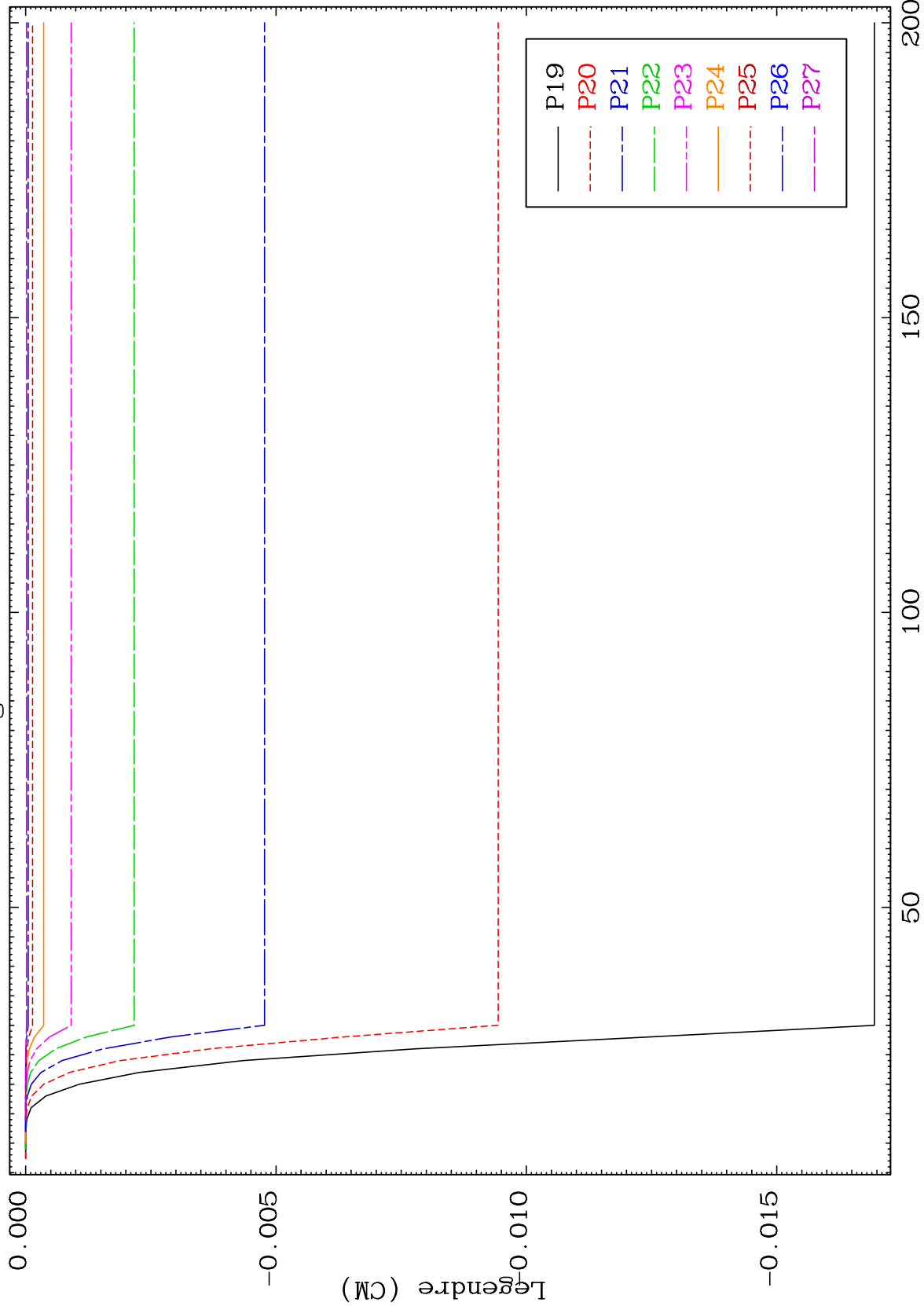
54-Xe-142

MAT 5479

MT= 64 (n,n') Level

54-Xe-142

Legendre Coefficients



54-Xe-142

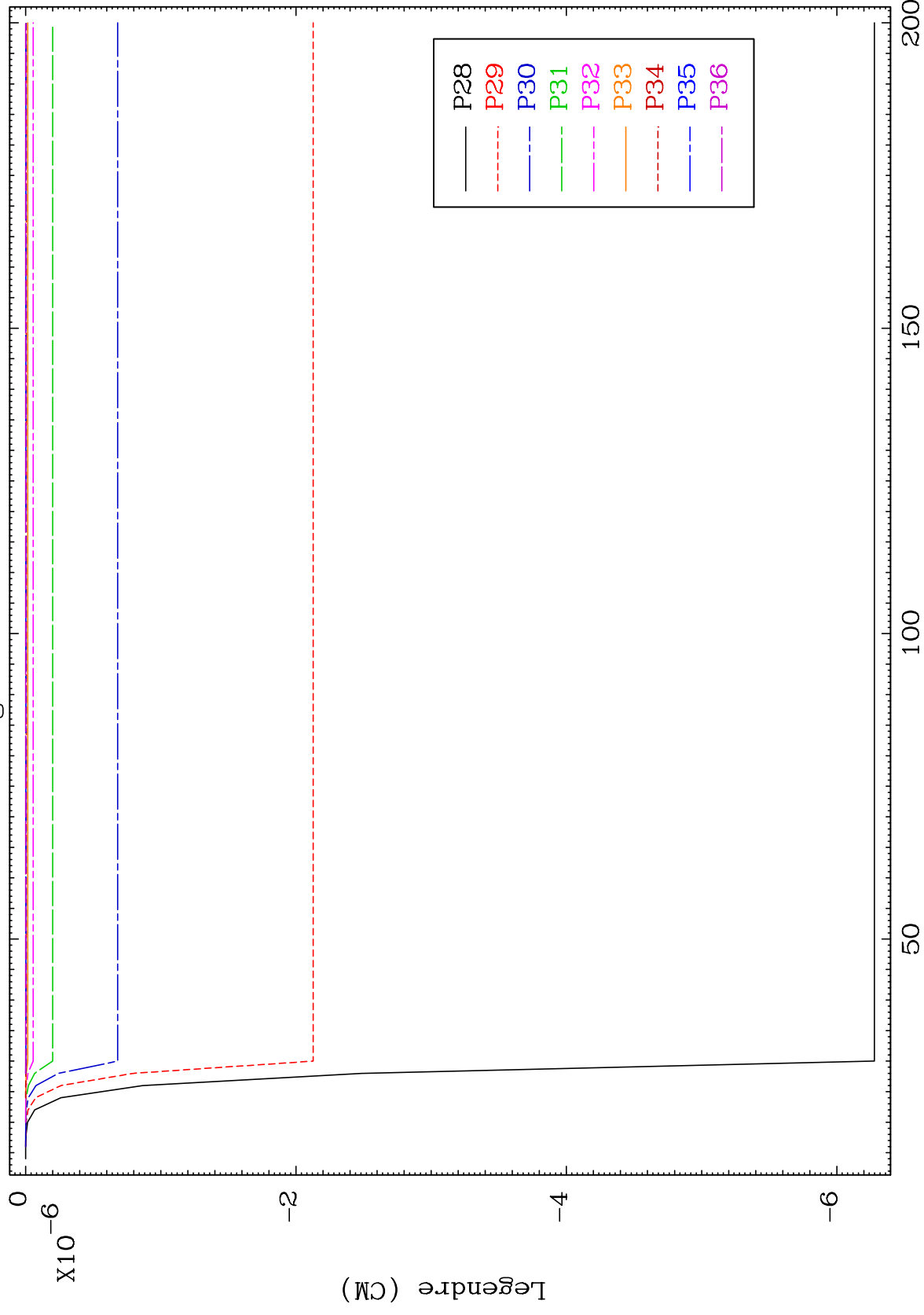
Incident Energy (MeV)

68

MAT 5479

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

54-Xe-142



69

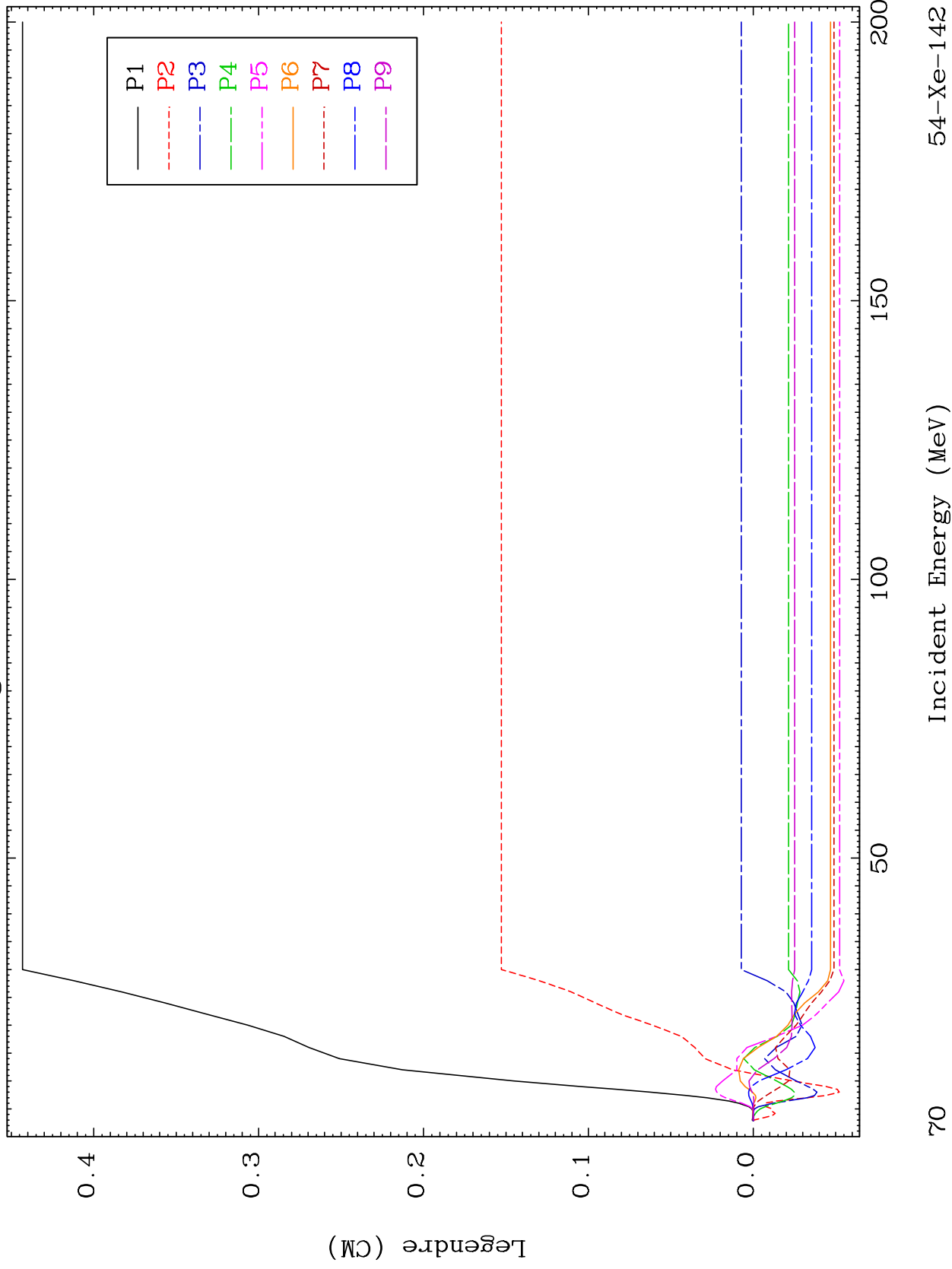
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



70

Incident Energy (MeV)

54-Xe-142

200

150

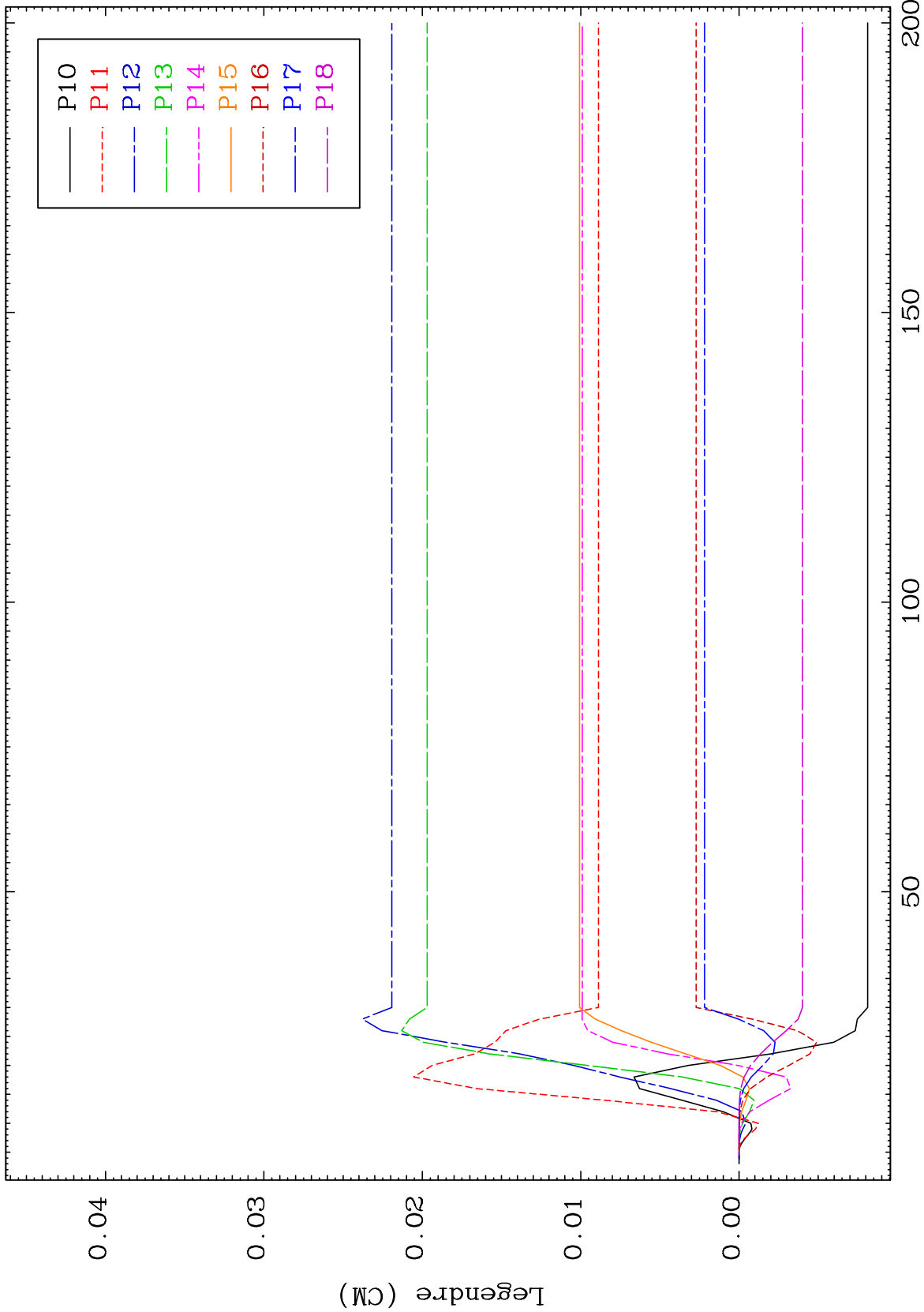
100

50

MAT 5479

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

54-Xe-142



71

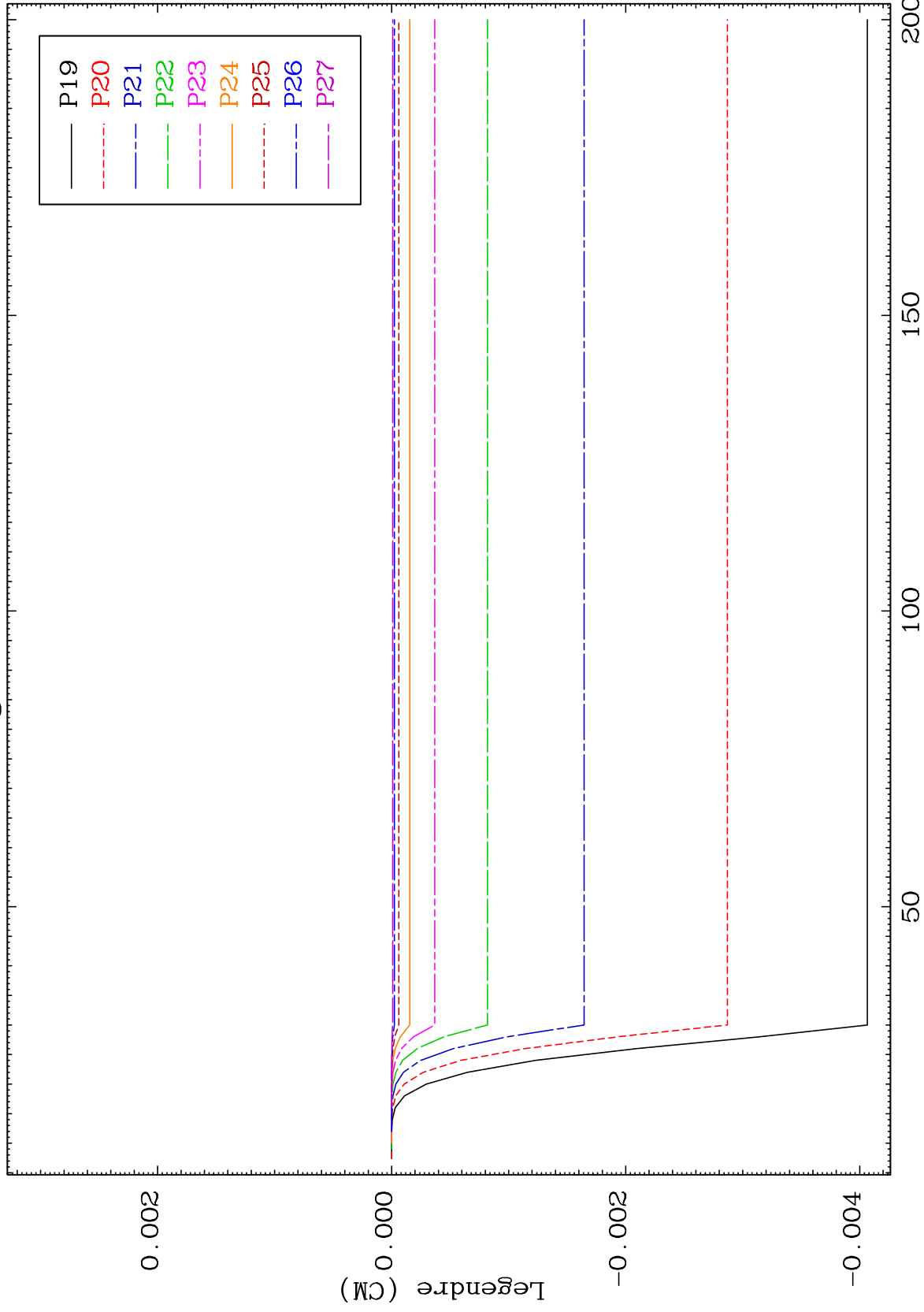
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



72

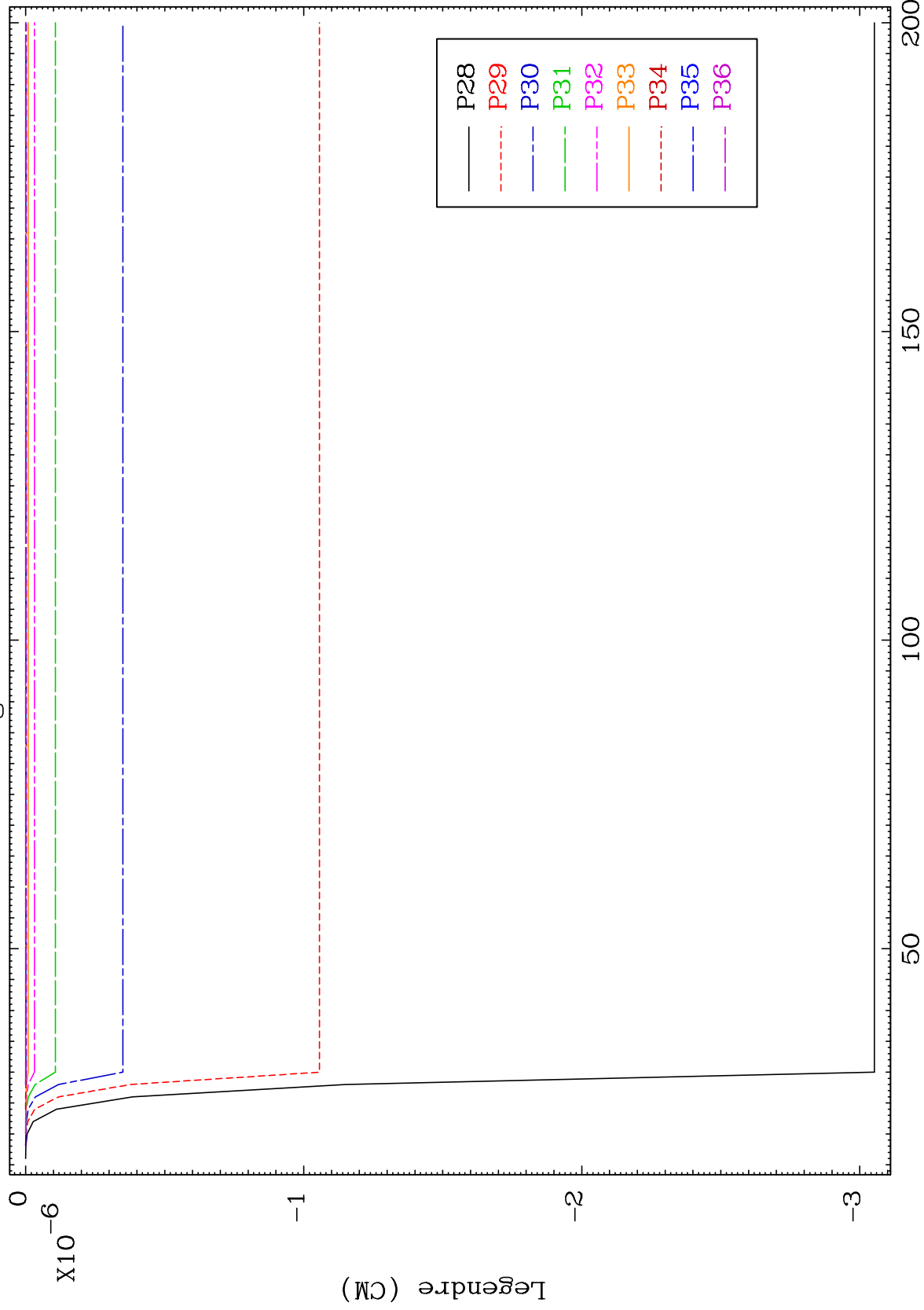
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



73

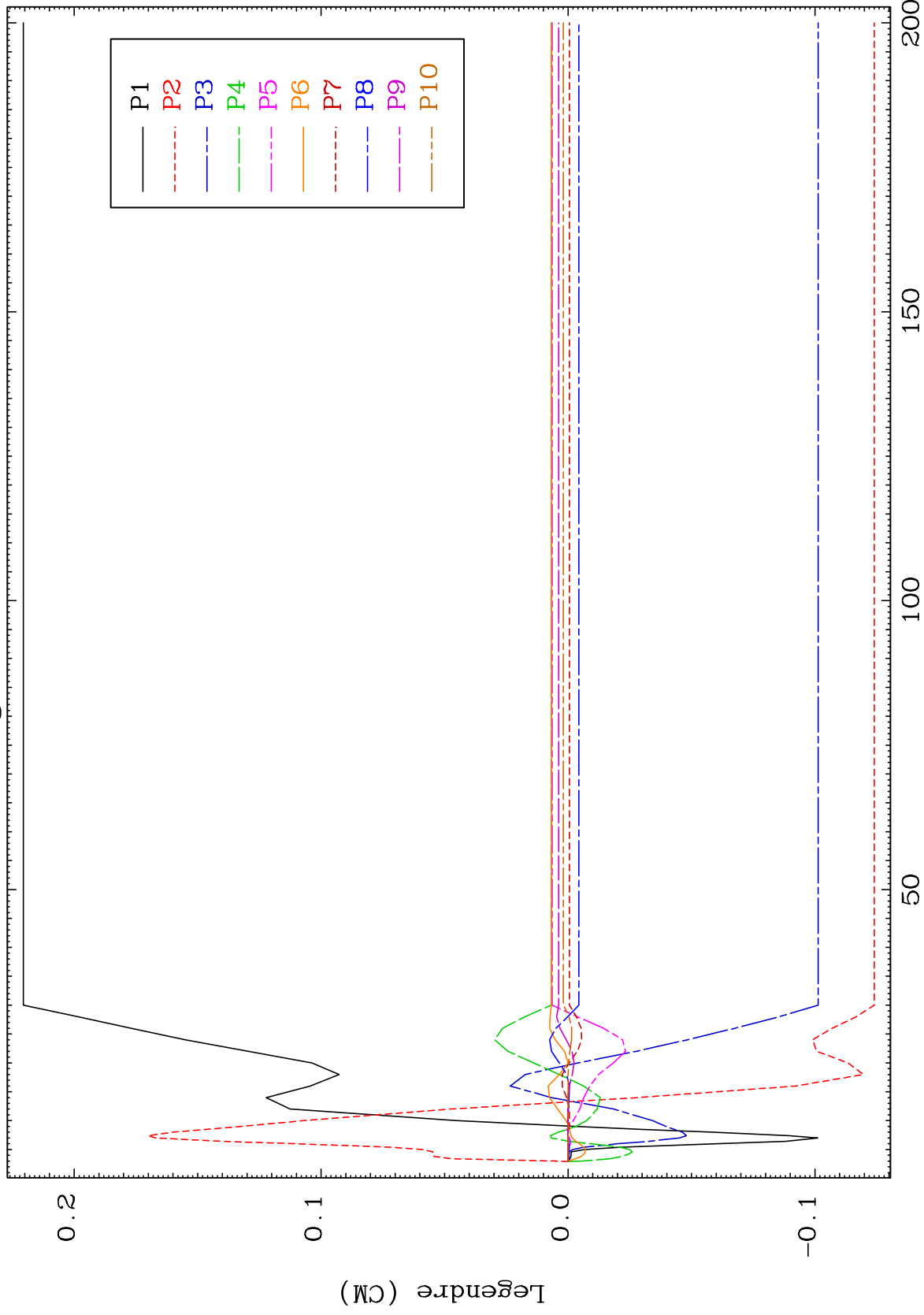
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



74

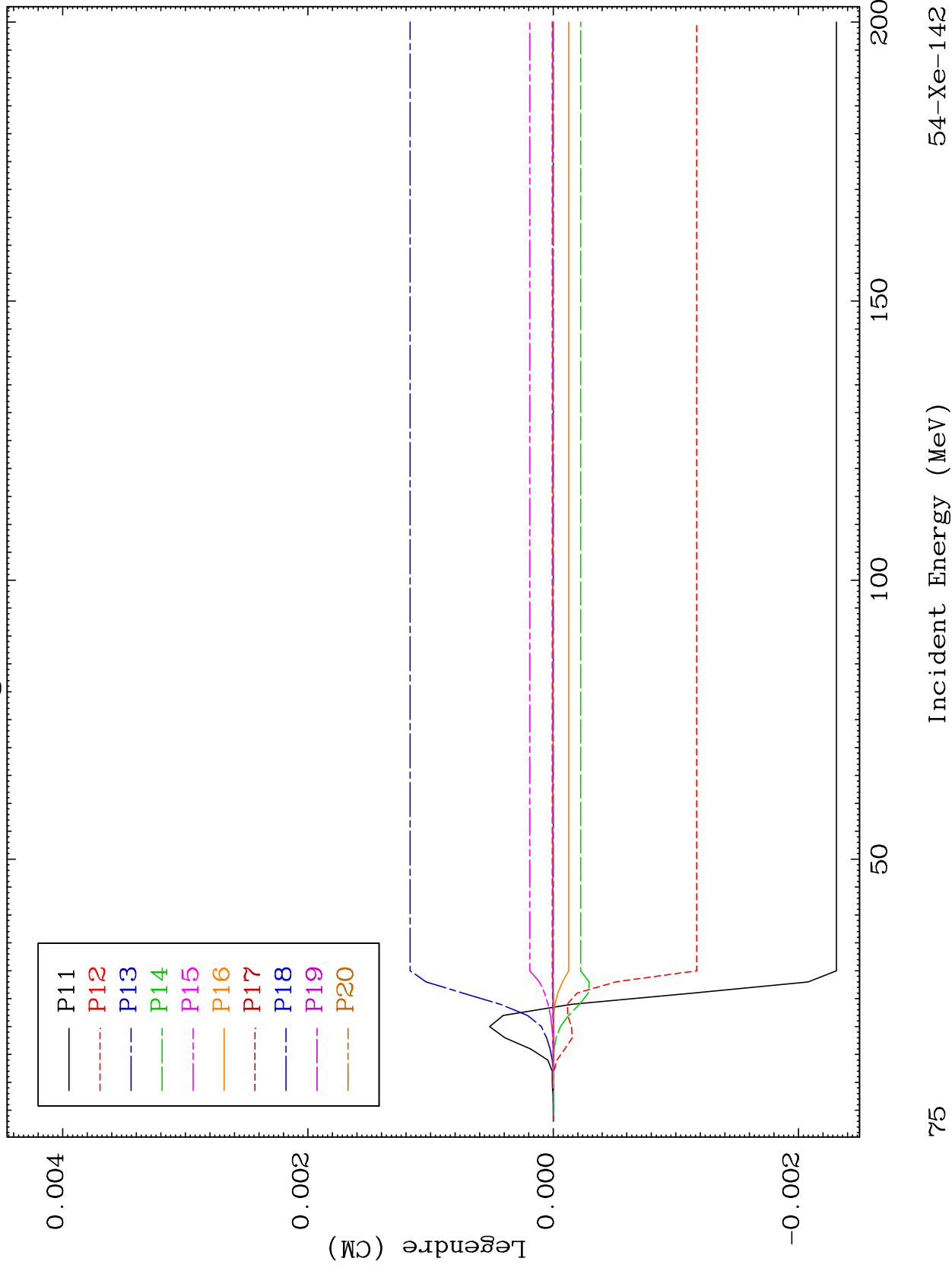
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



75

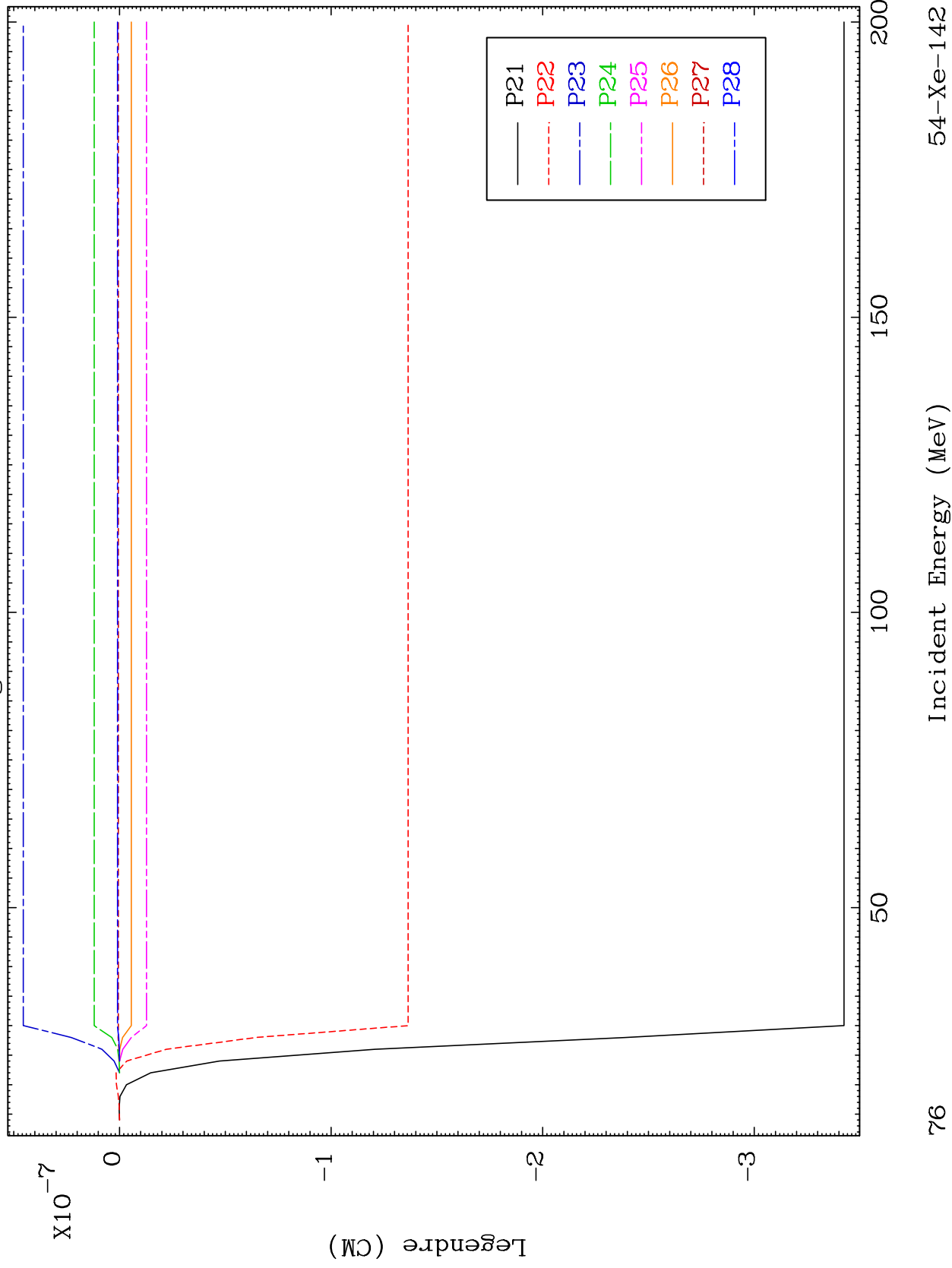
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



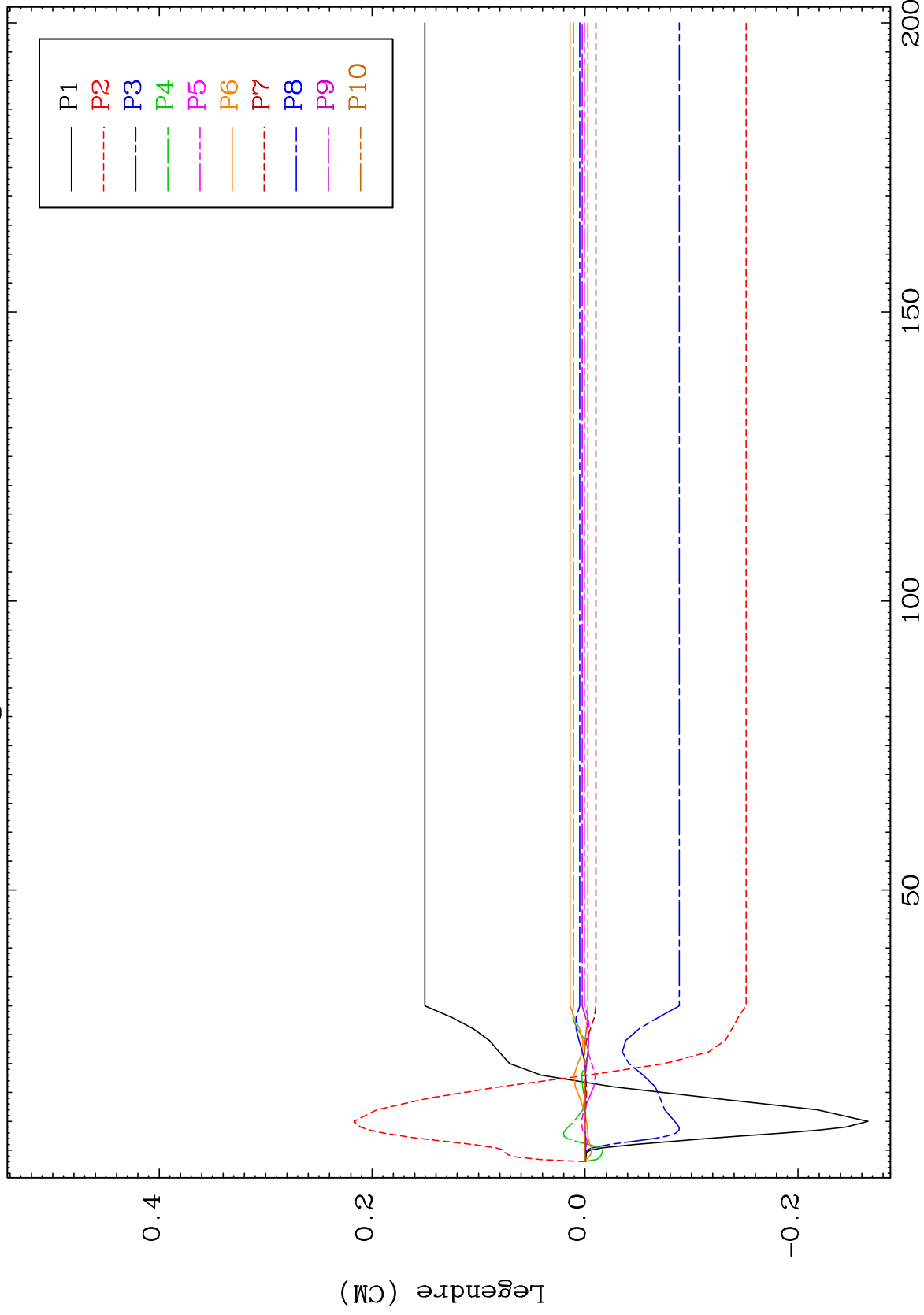
76

54-Xe-142

MAT 5479

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

54-Xe-142



77

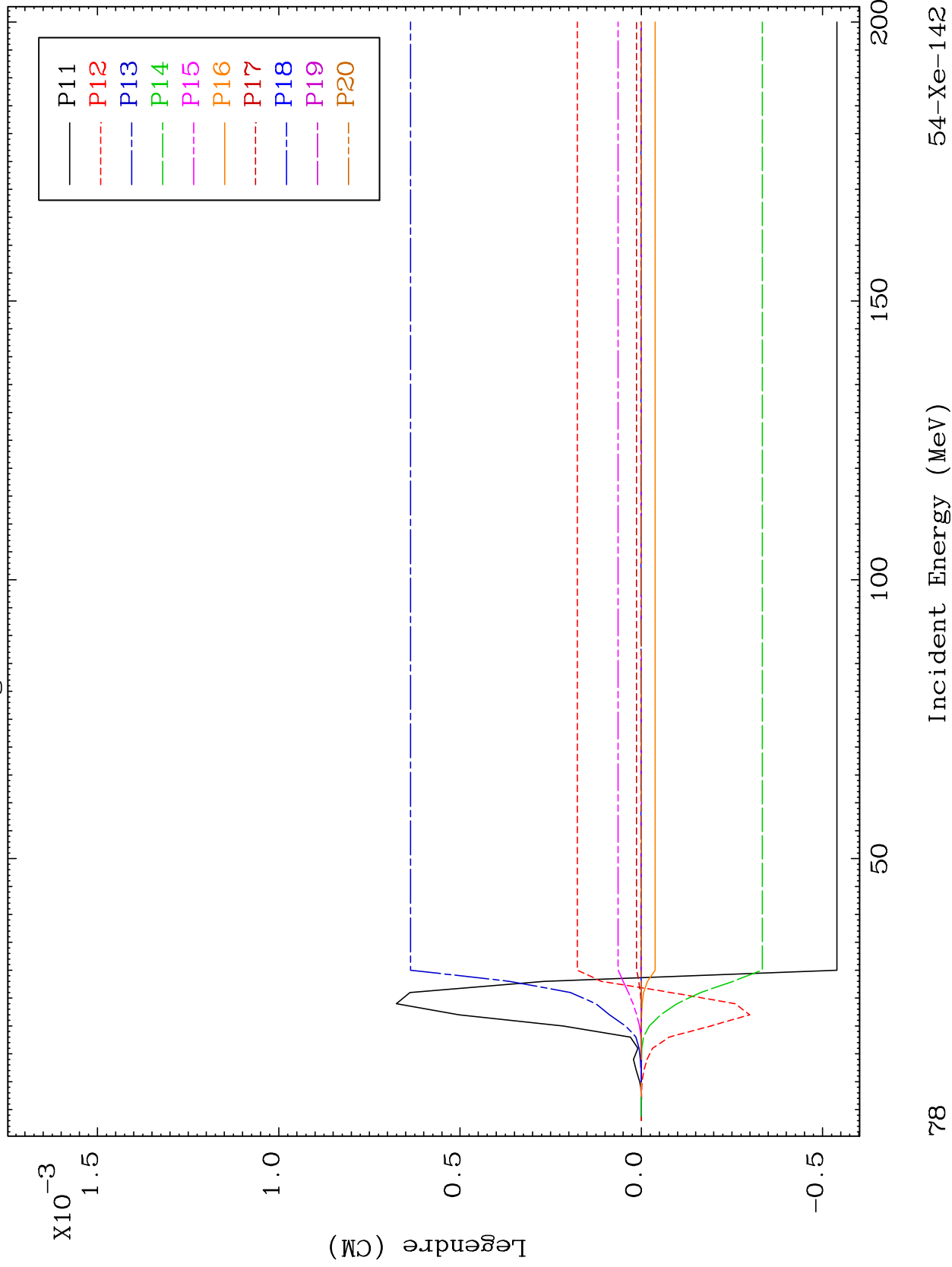
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



78

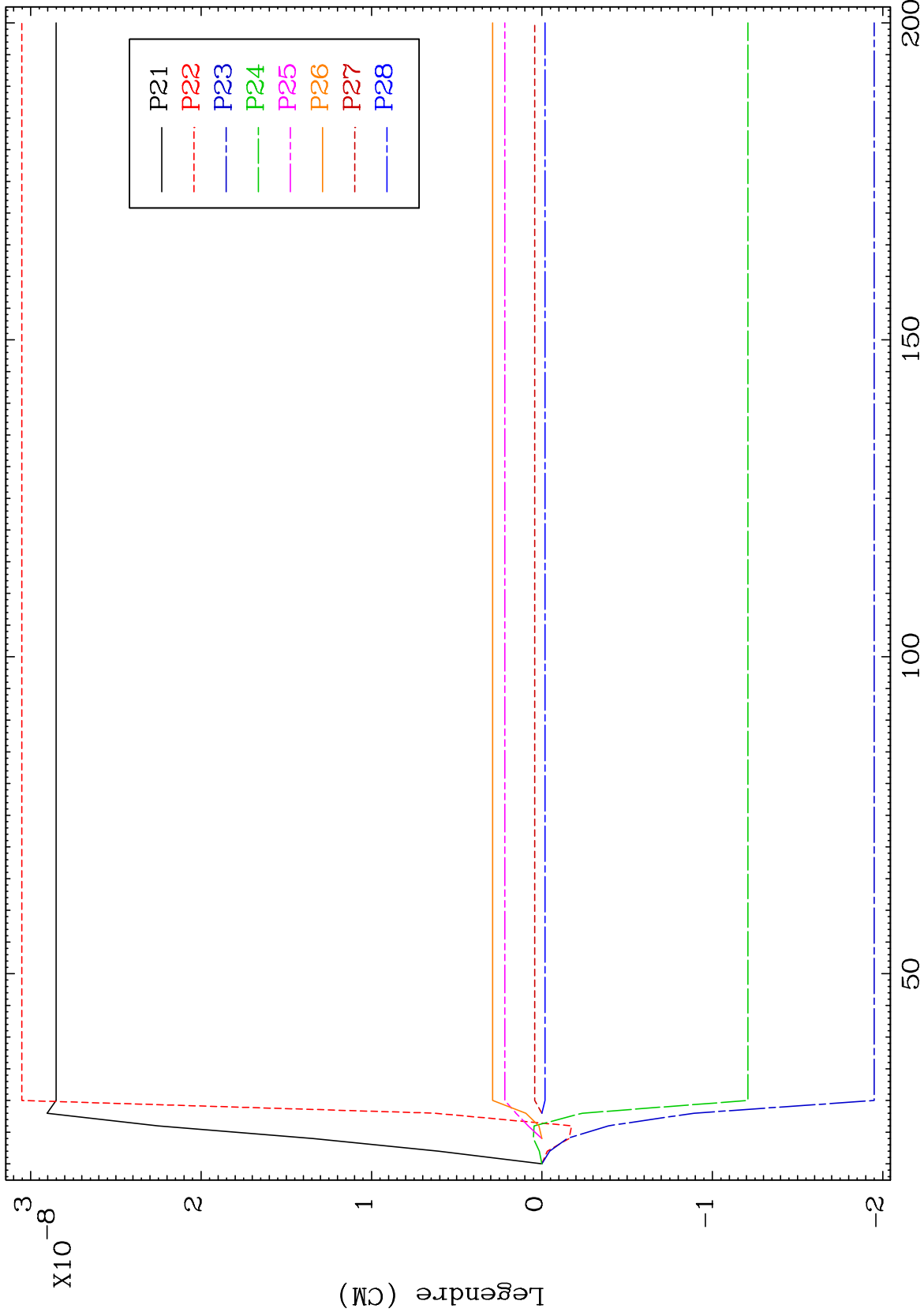
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



79

Incident Energy (MeV)

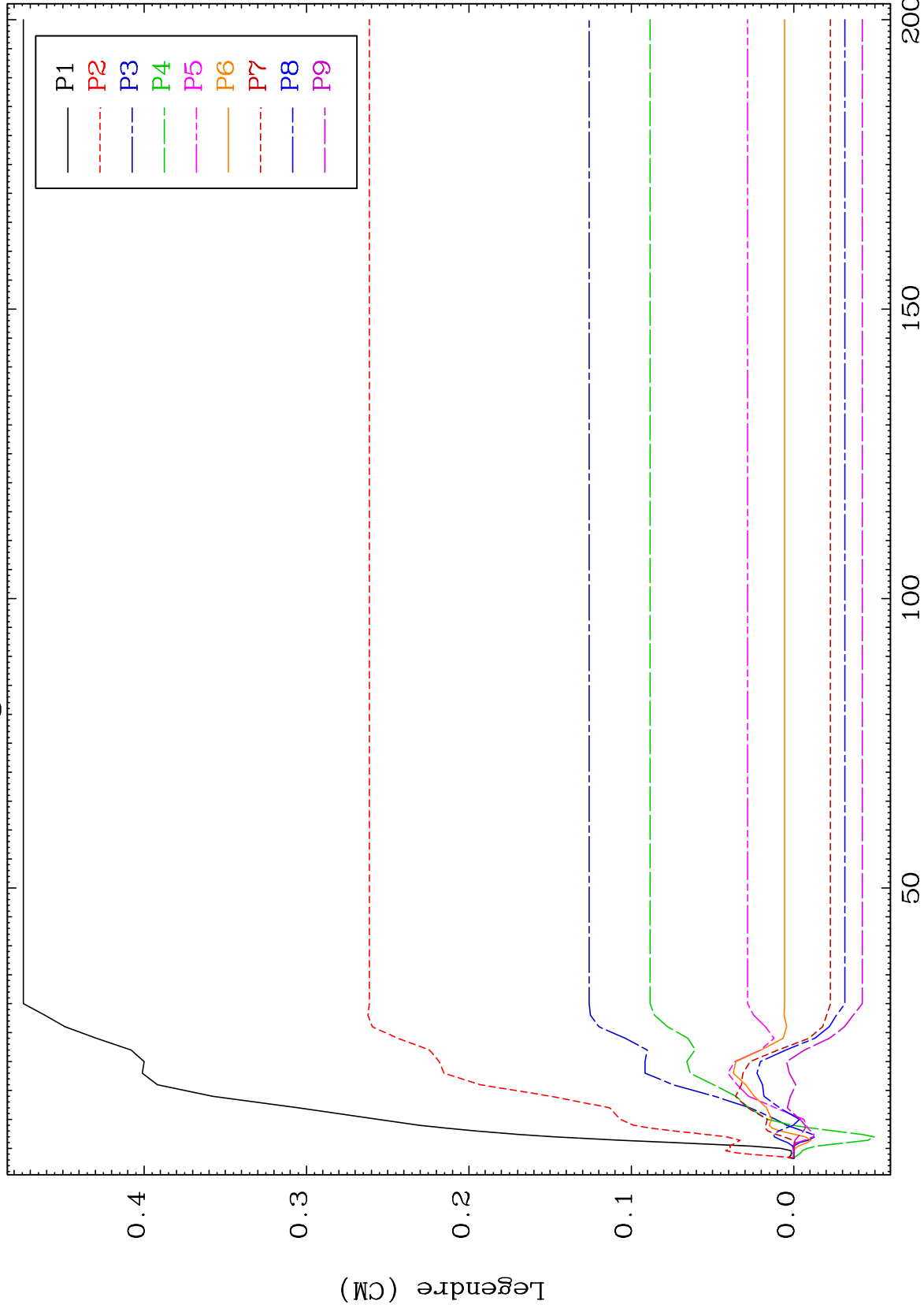
54-Xe-142

MAT 5479

MT= 68 (n,n') Level

54-Xe-142

Legendre Coefficients



80

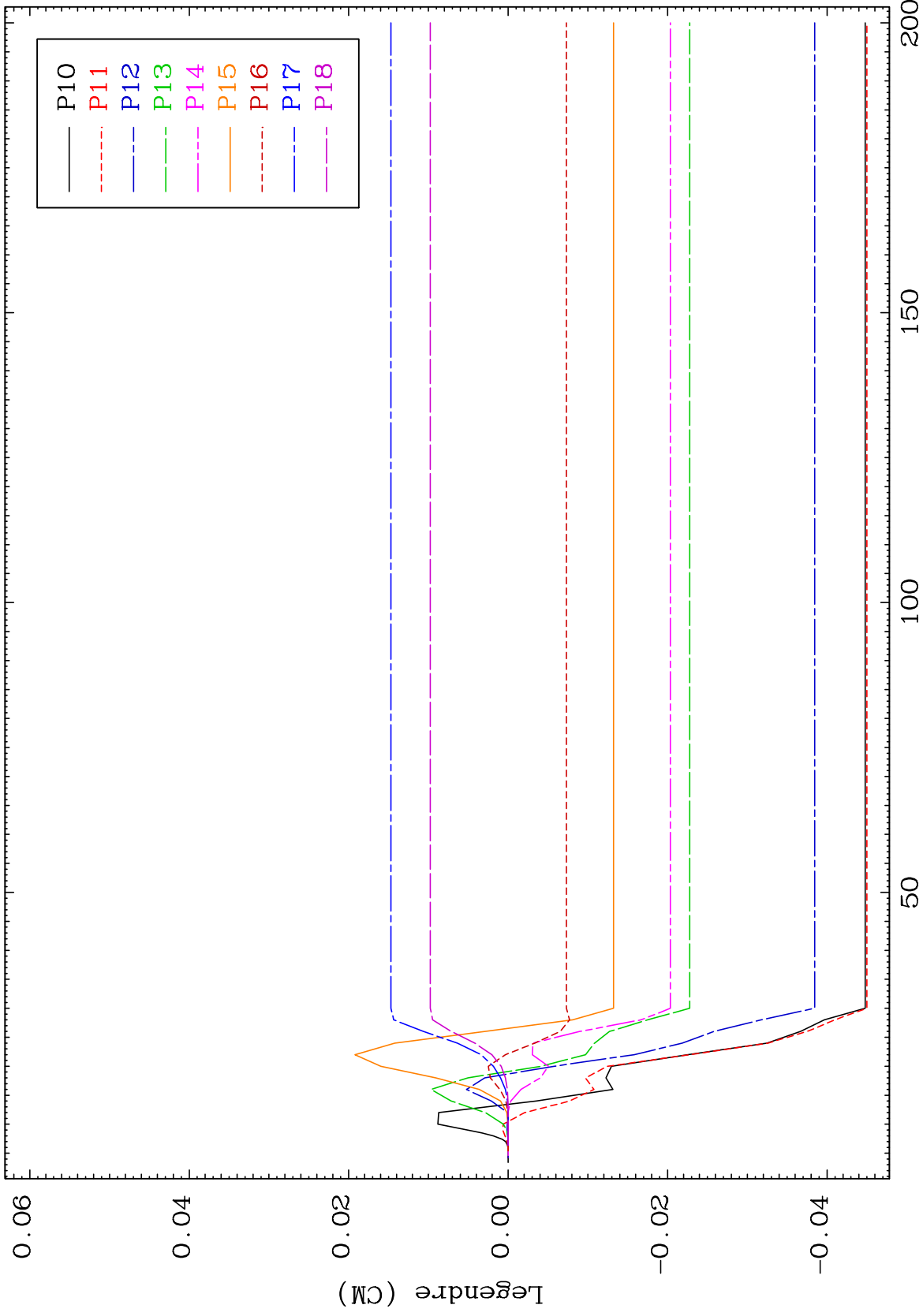
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

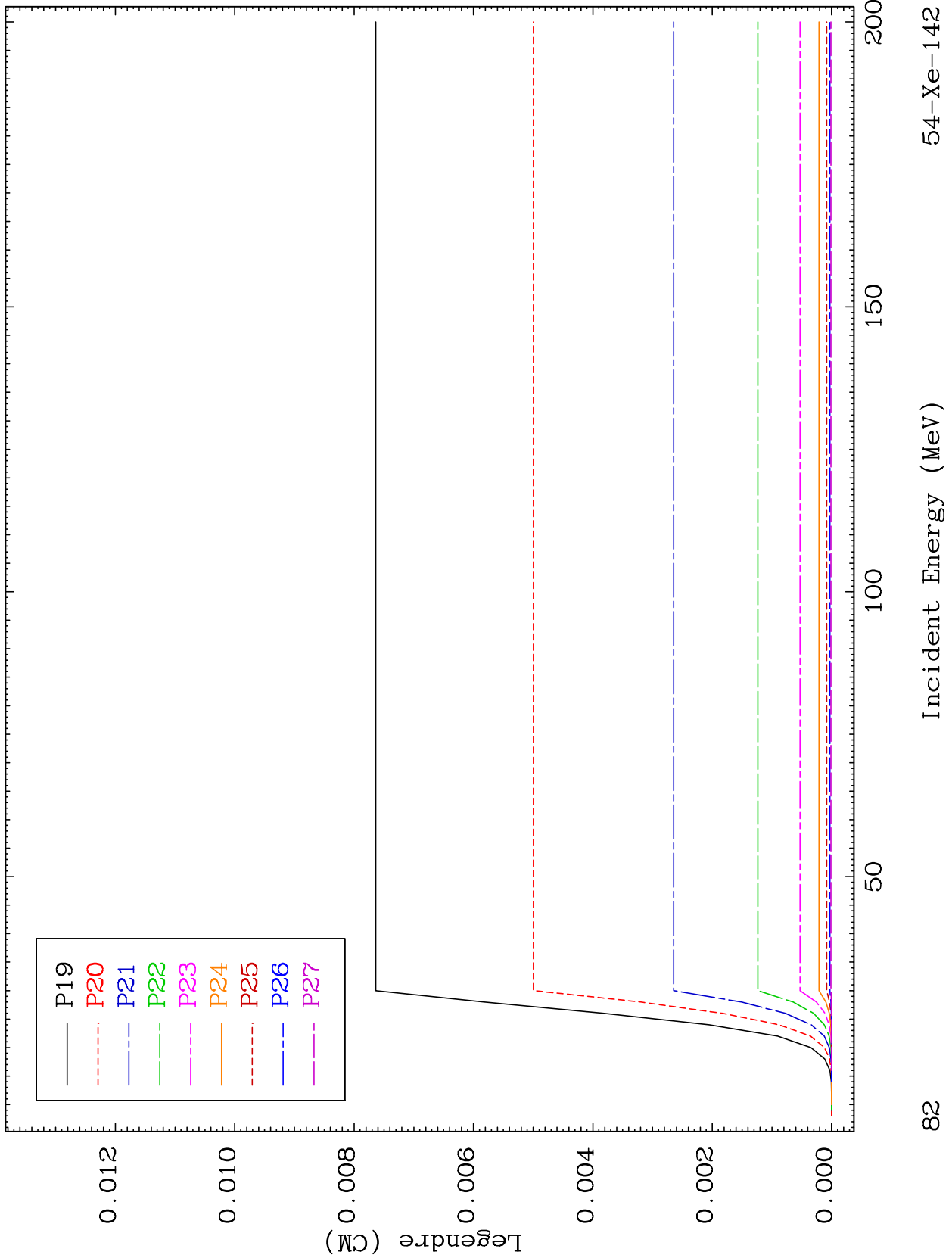
54-Xe-142



81

Incident Energy (MeV)

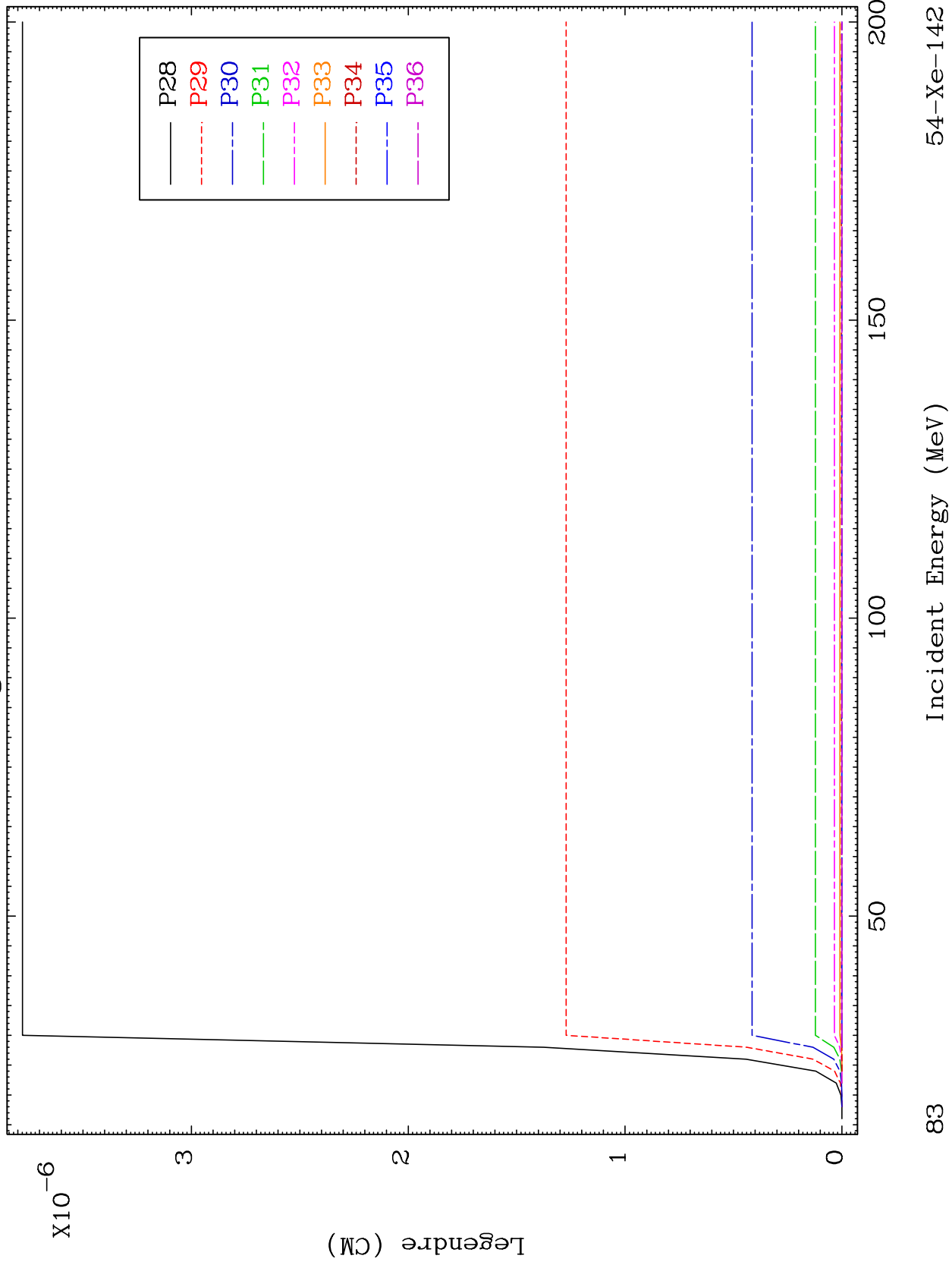
54-Xe-142



MAT 5479

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

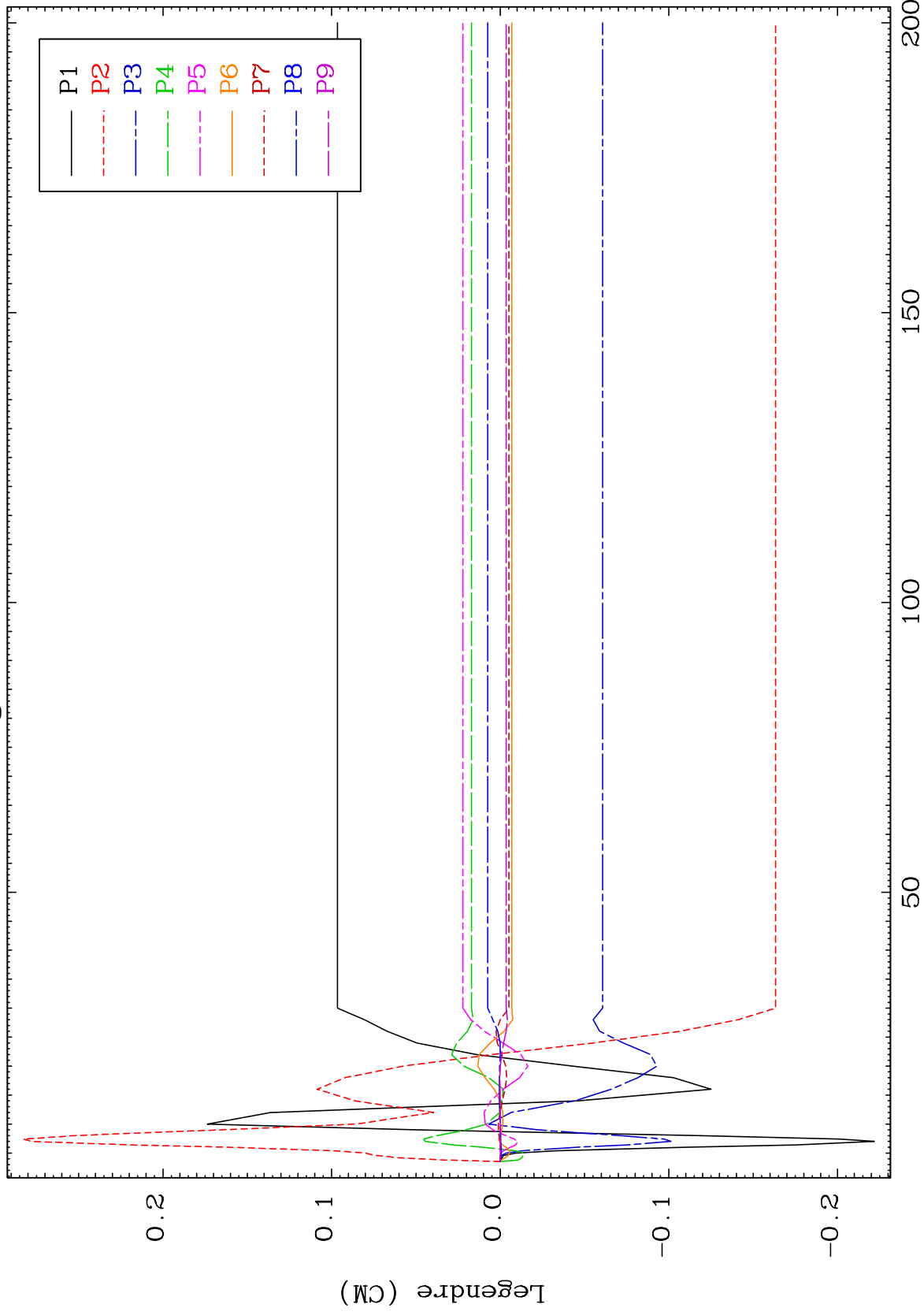
54-Xe-142



MAT 5479

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

54-Xe-142



84

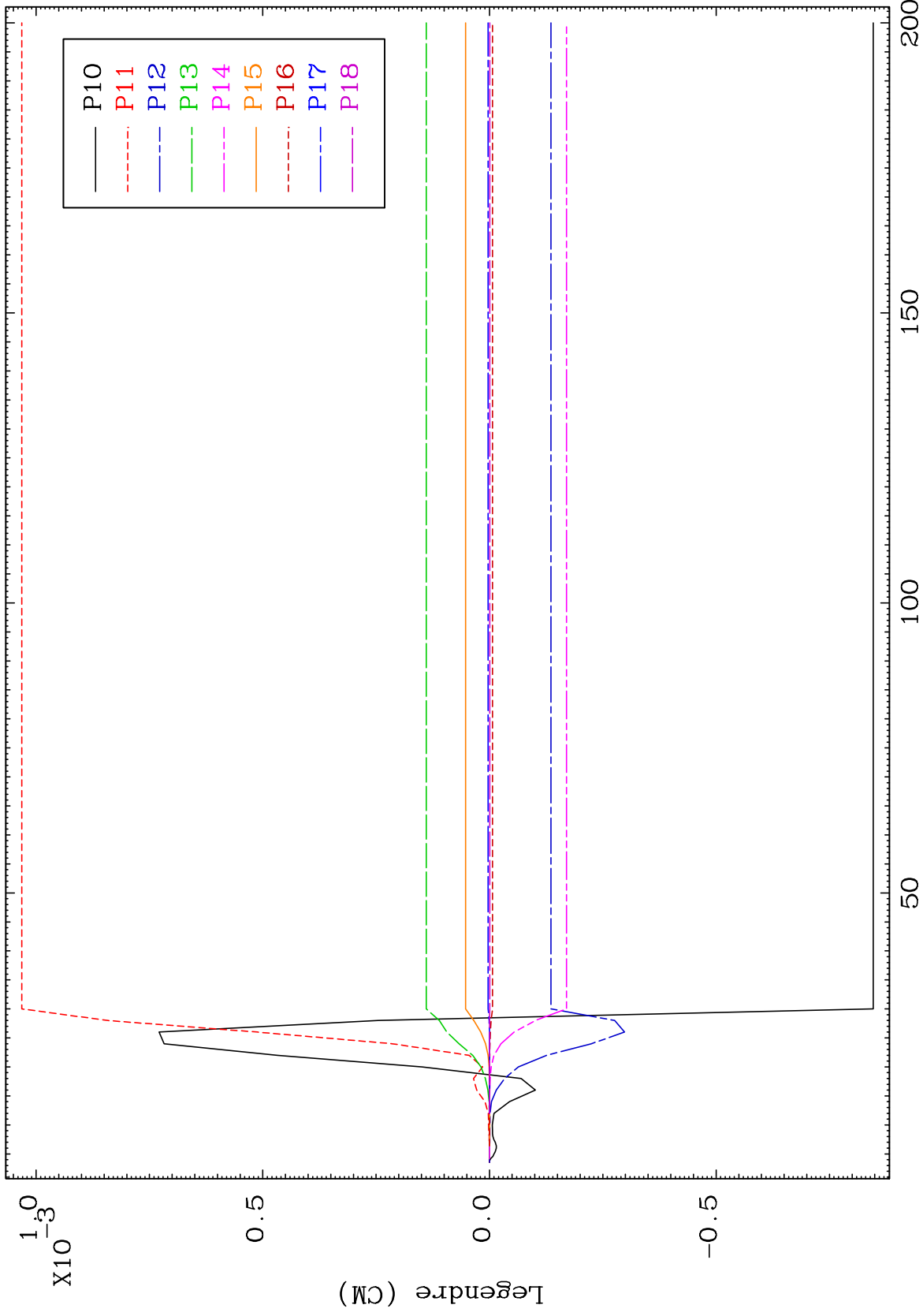
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



85

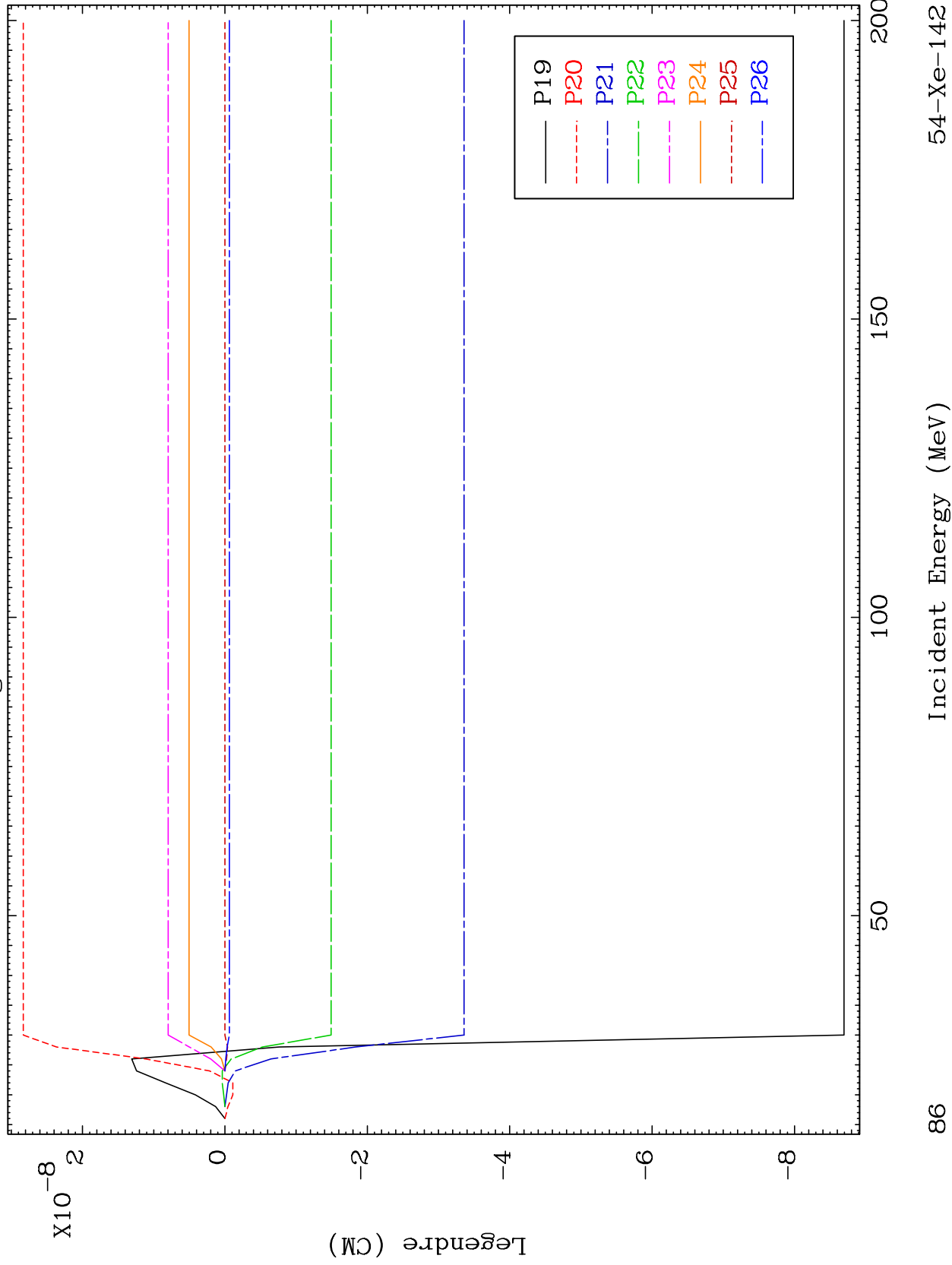
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



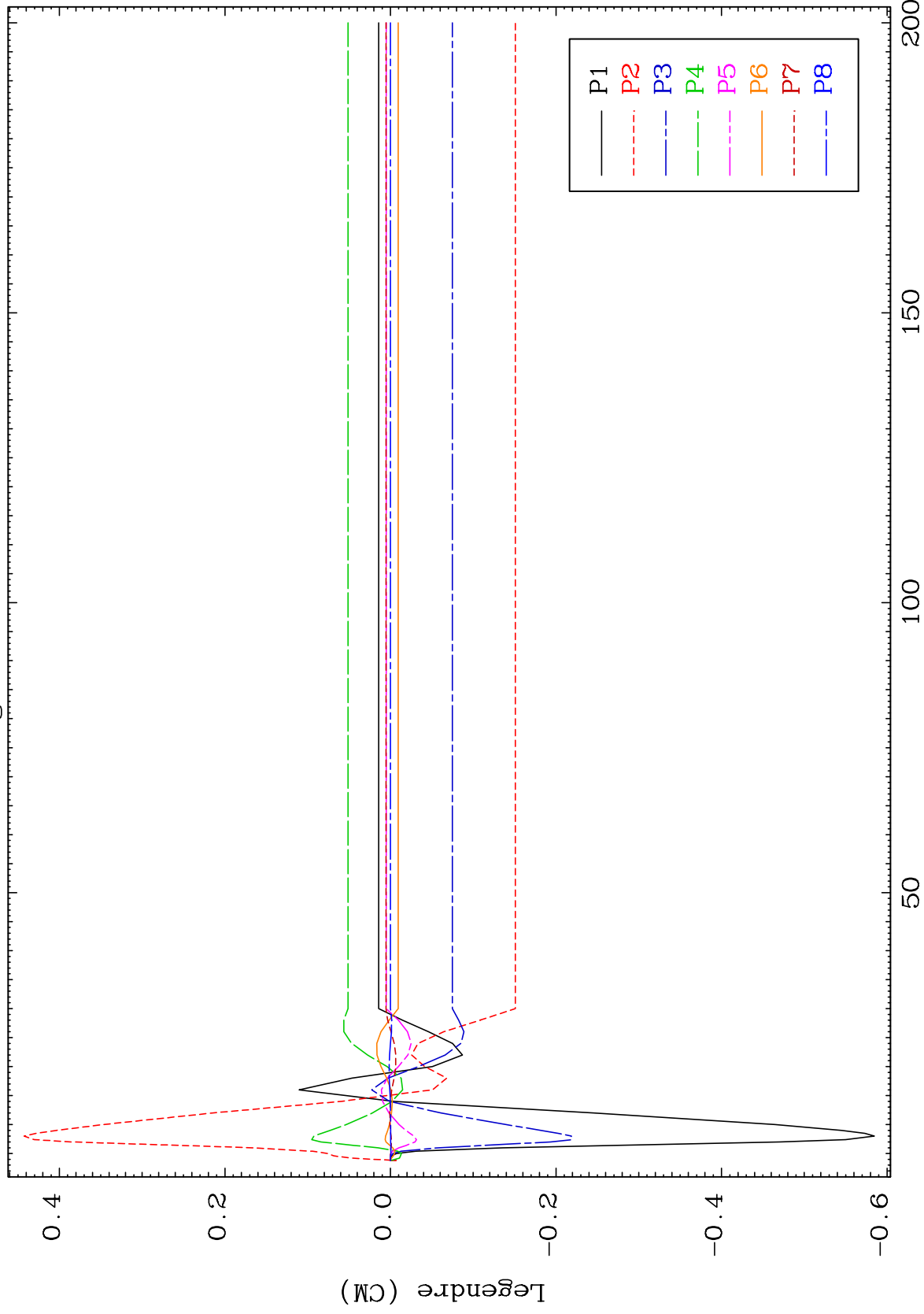
86

54-Xe-142

MAT 5479

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

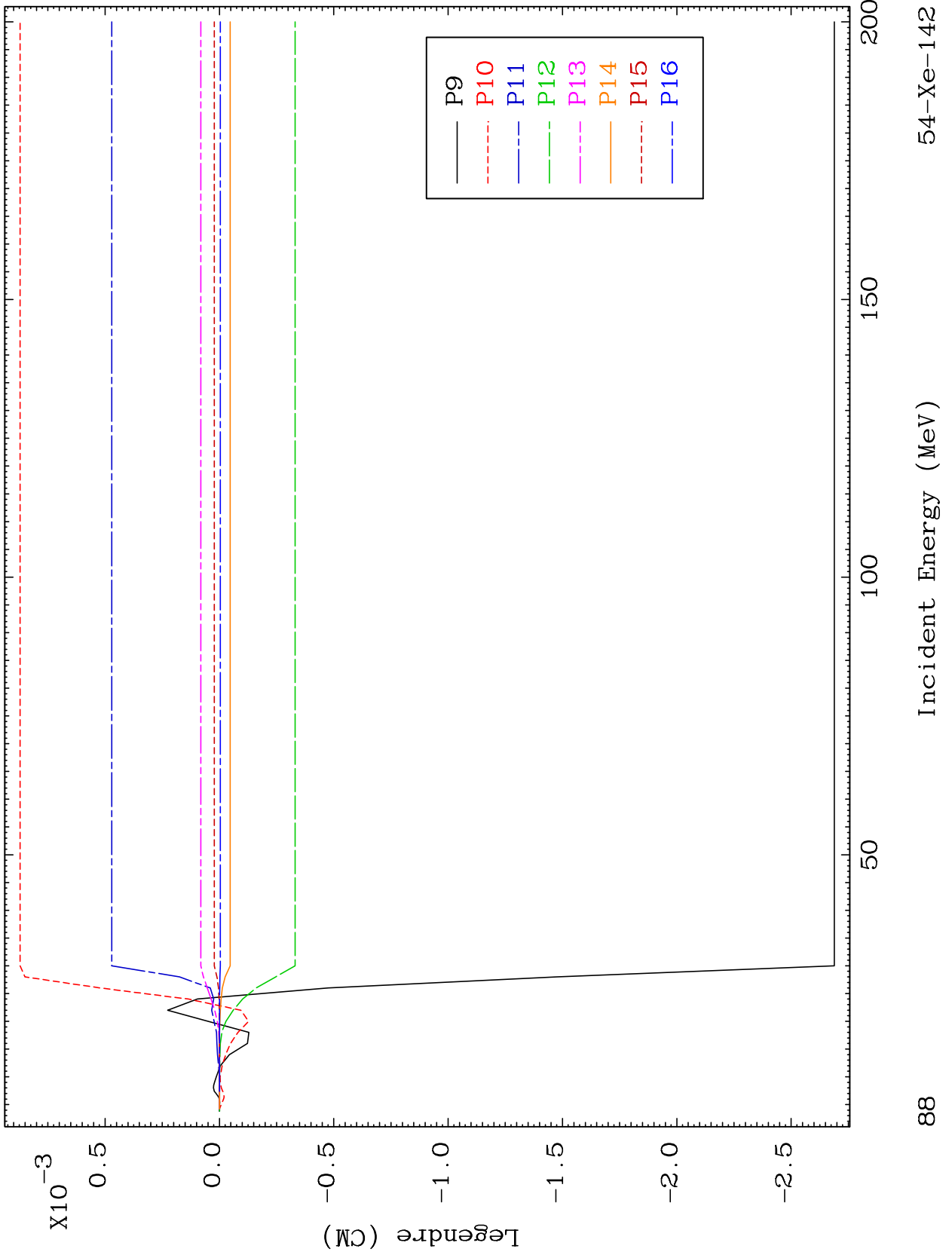
54-Xe-142



87

Incident Energy (MeV)

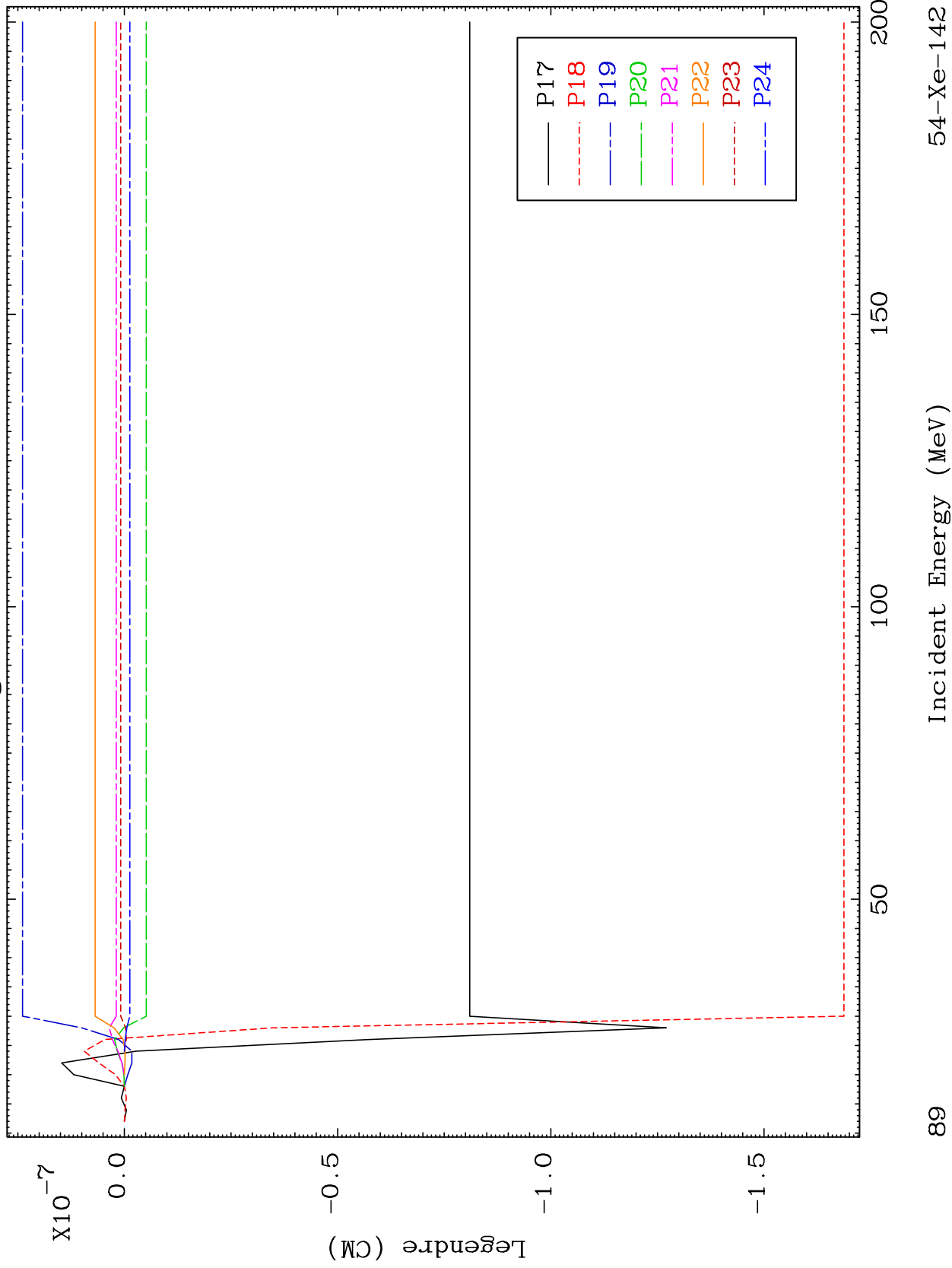
54-Xe-142



MAT 5479

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

54-Xe-142



89

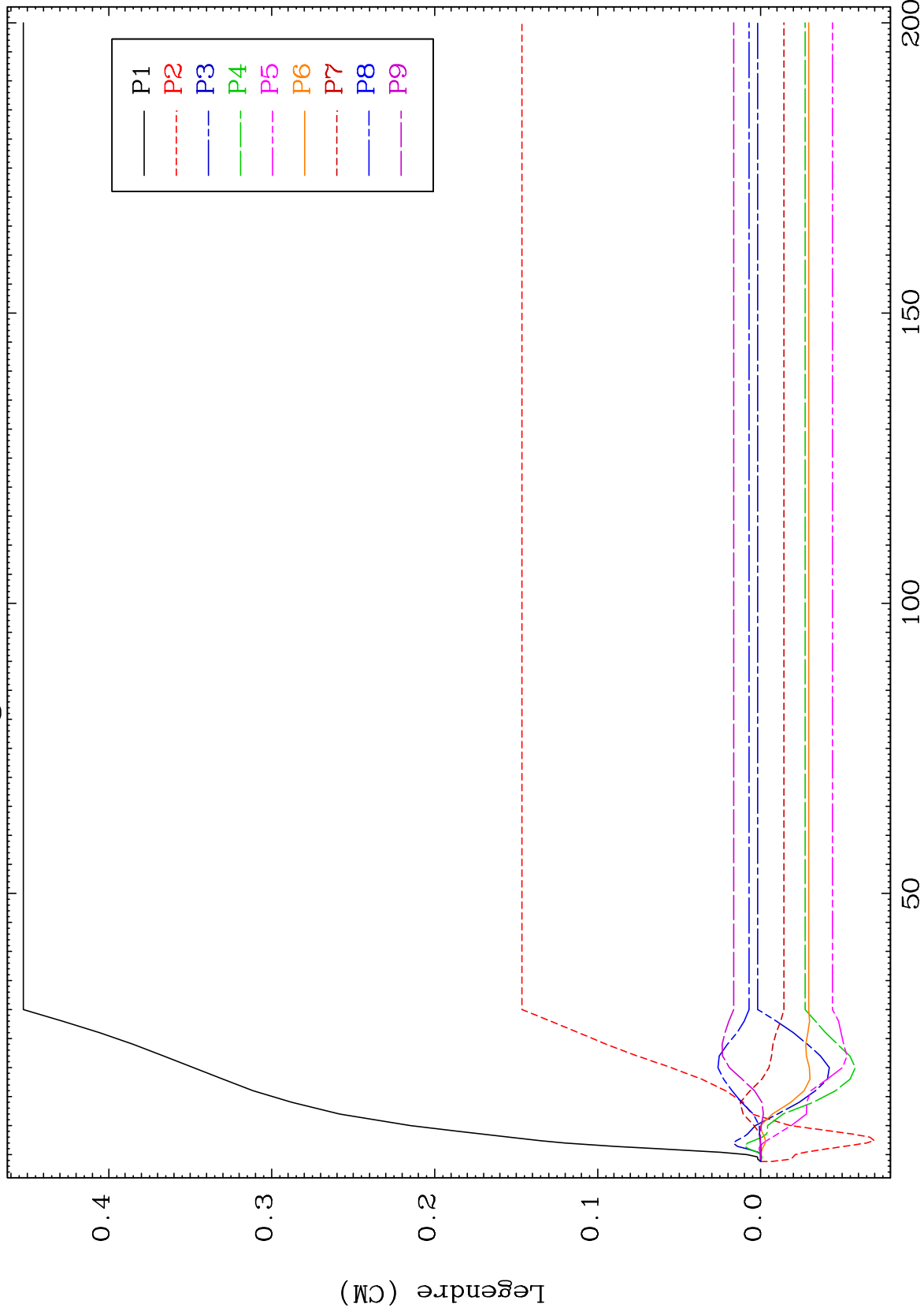
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

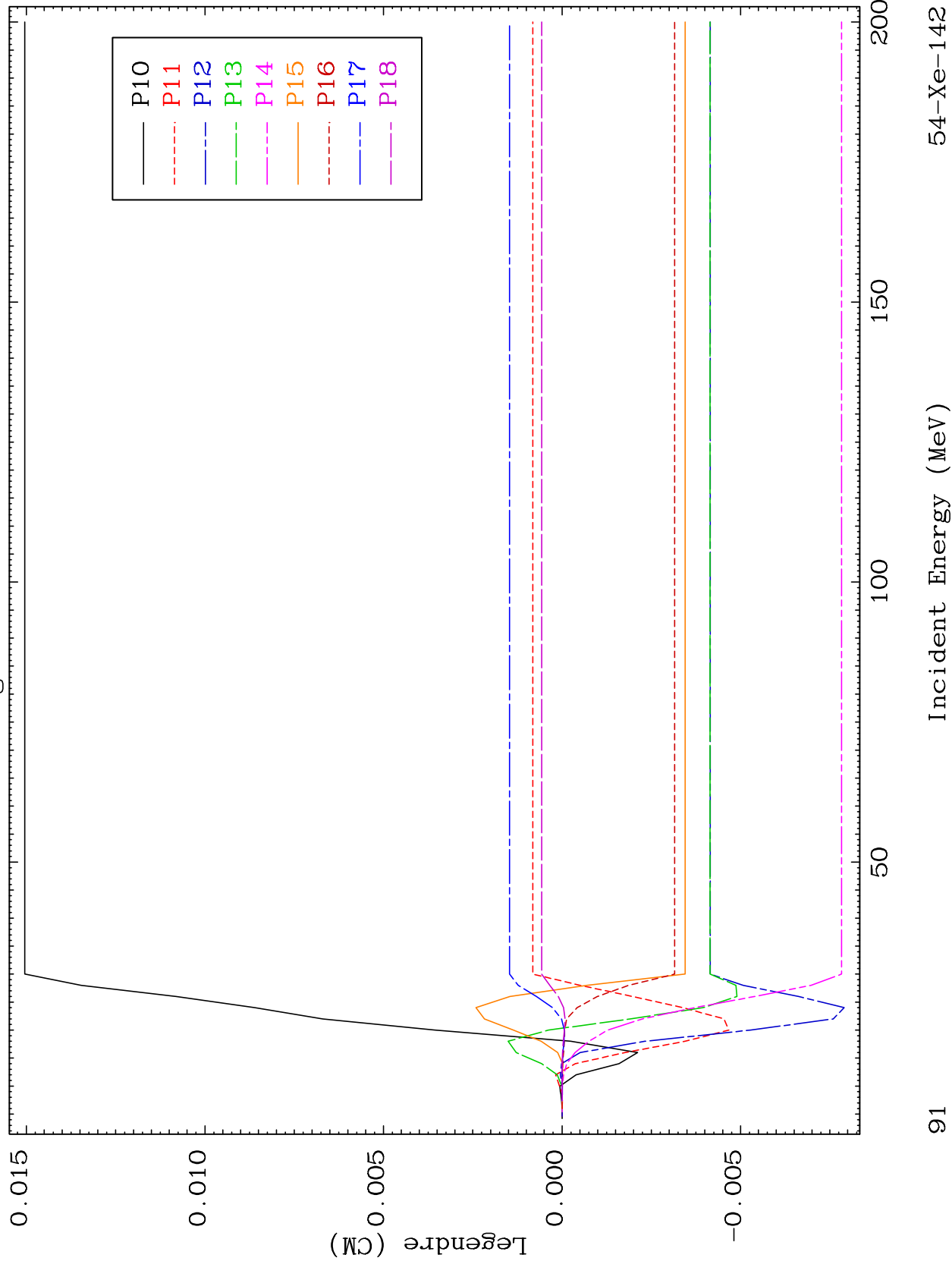
54-Xe-142



90

Incident Energy (MeV)

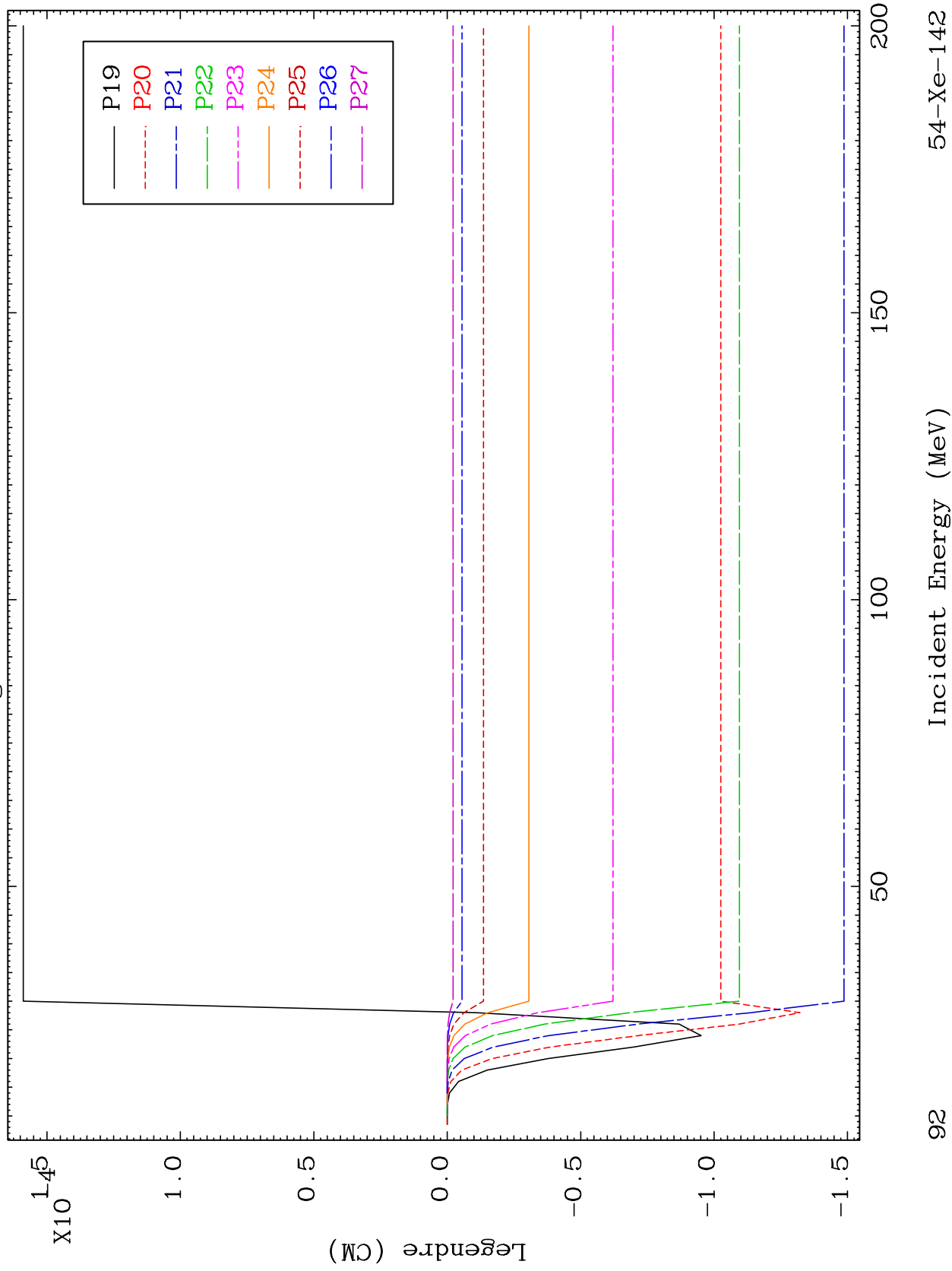
54-Xe-142



MAT 5479

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

54-Xe-142



MAT 5479

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

54-Xe-142

