

Program EVALPLOT
(Version 2018-1)

by

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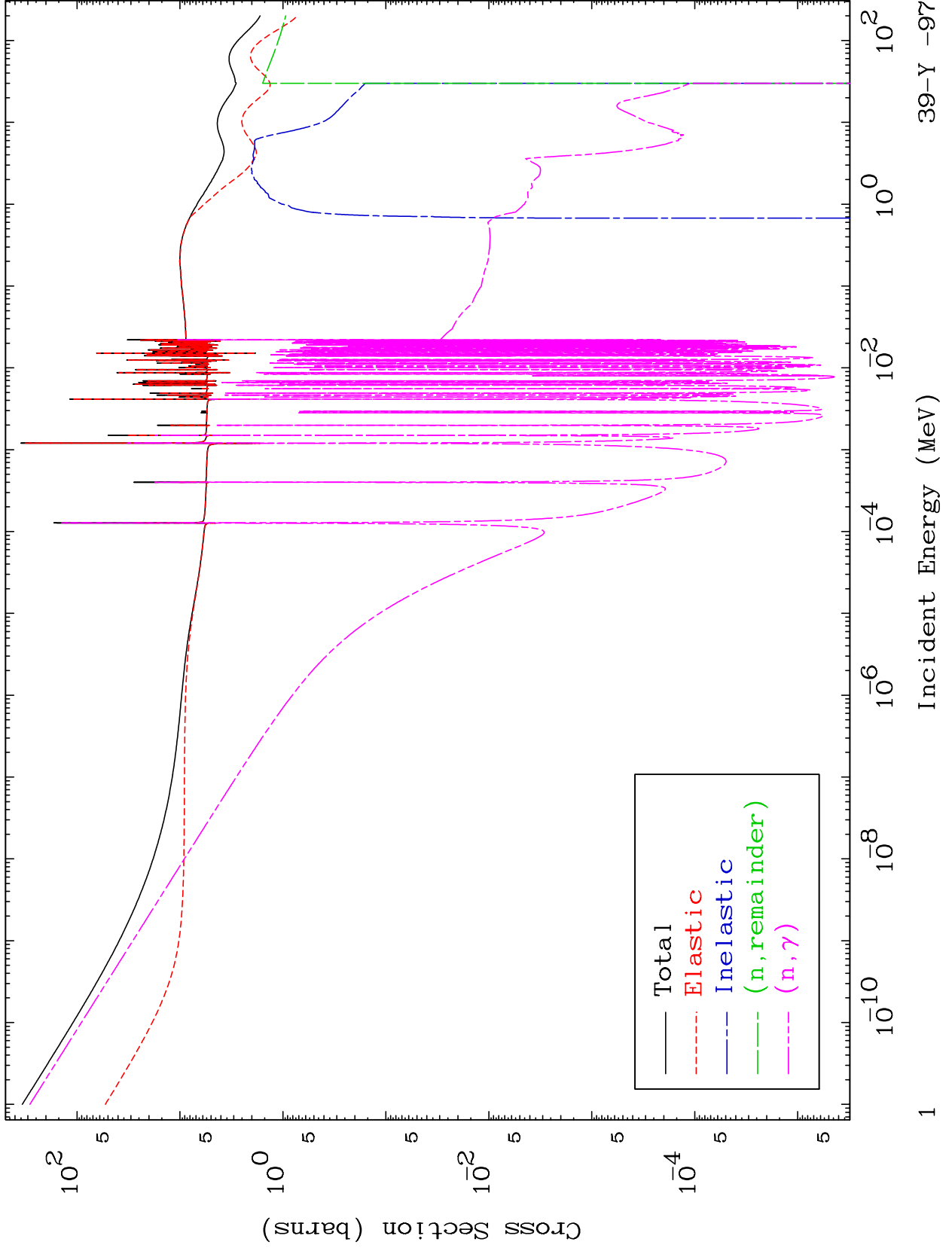
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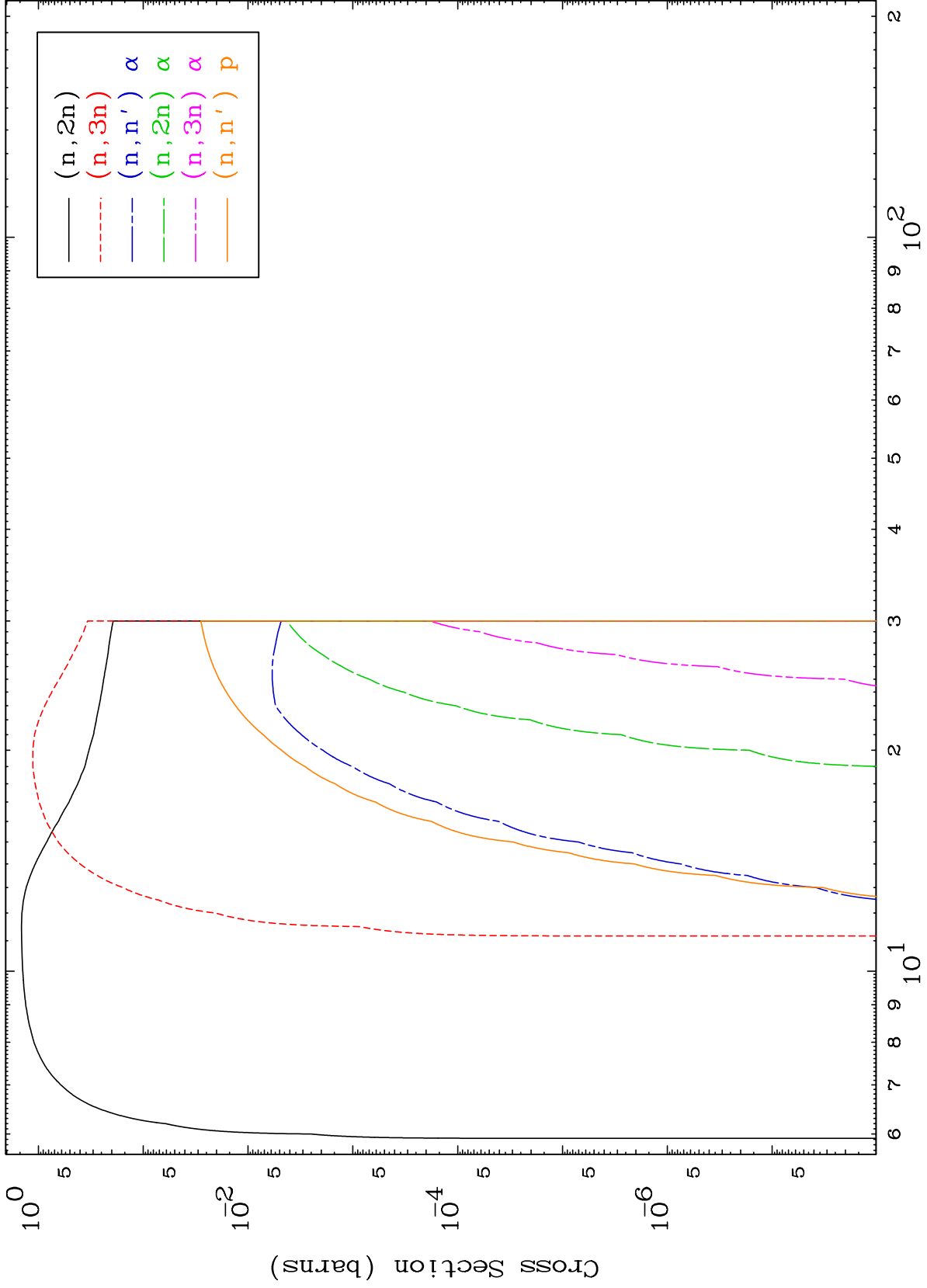
Press Mouse Button to Start

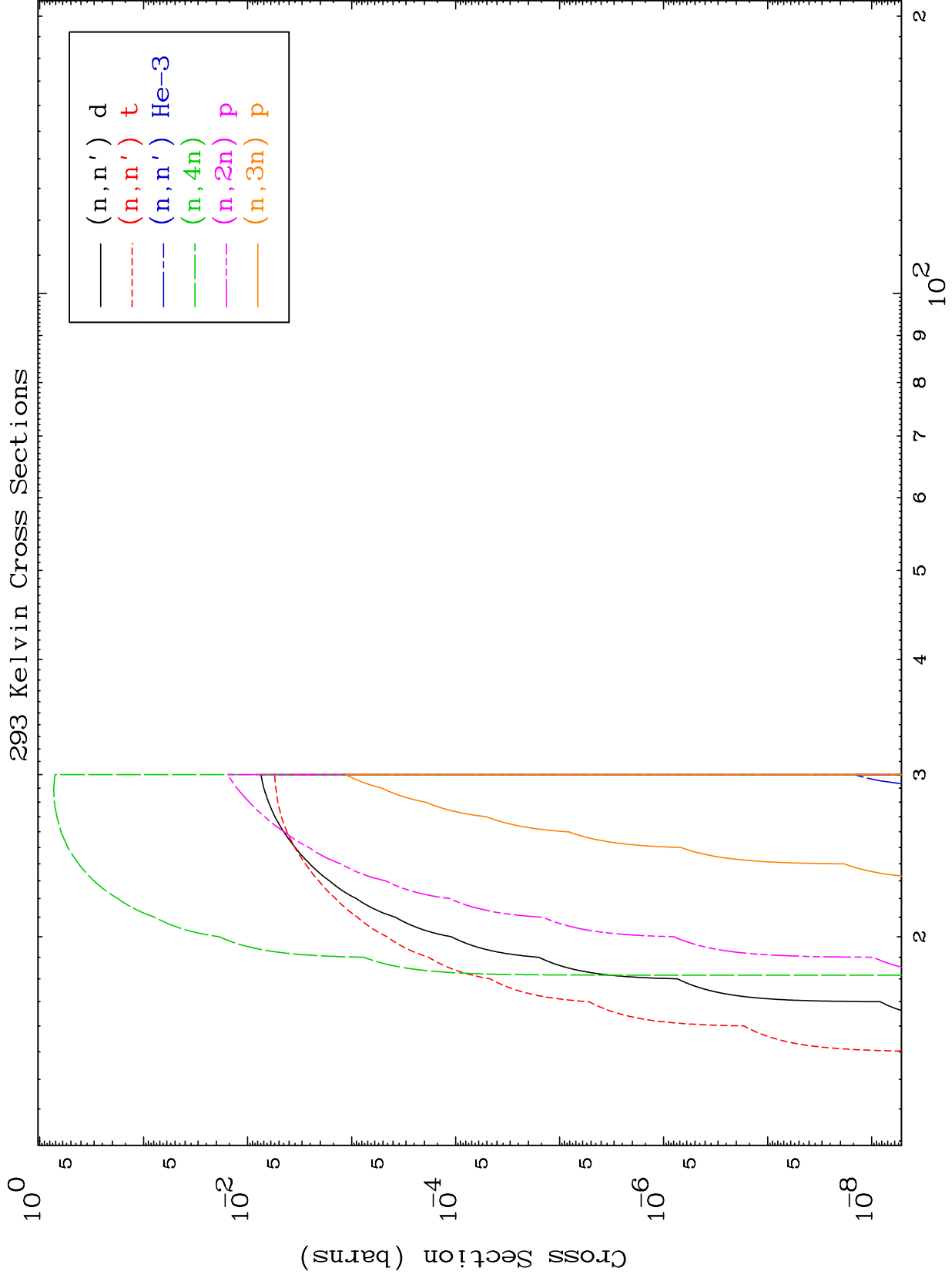
MAT 3949

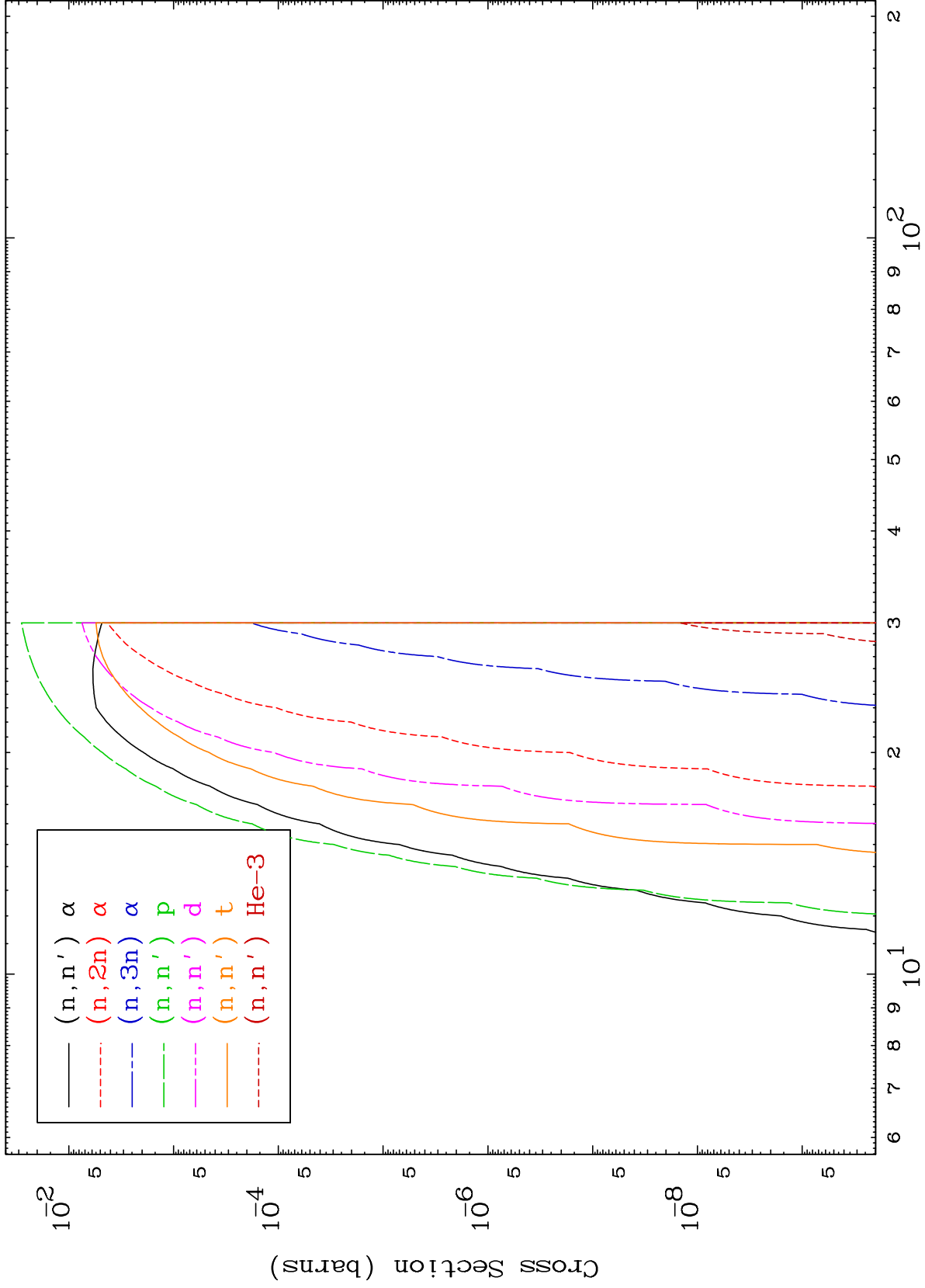
Major
293 Kelvin Cross Sections

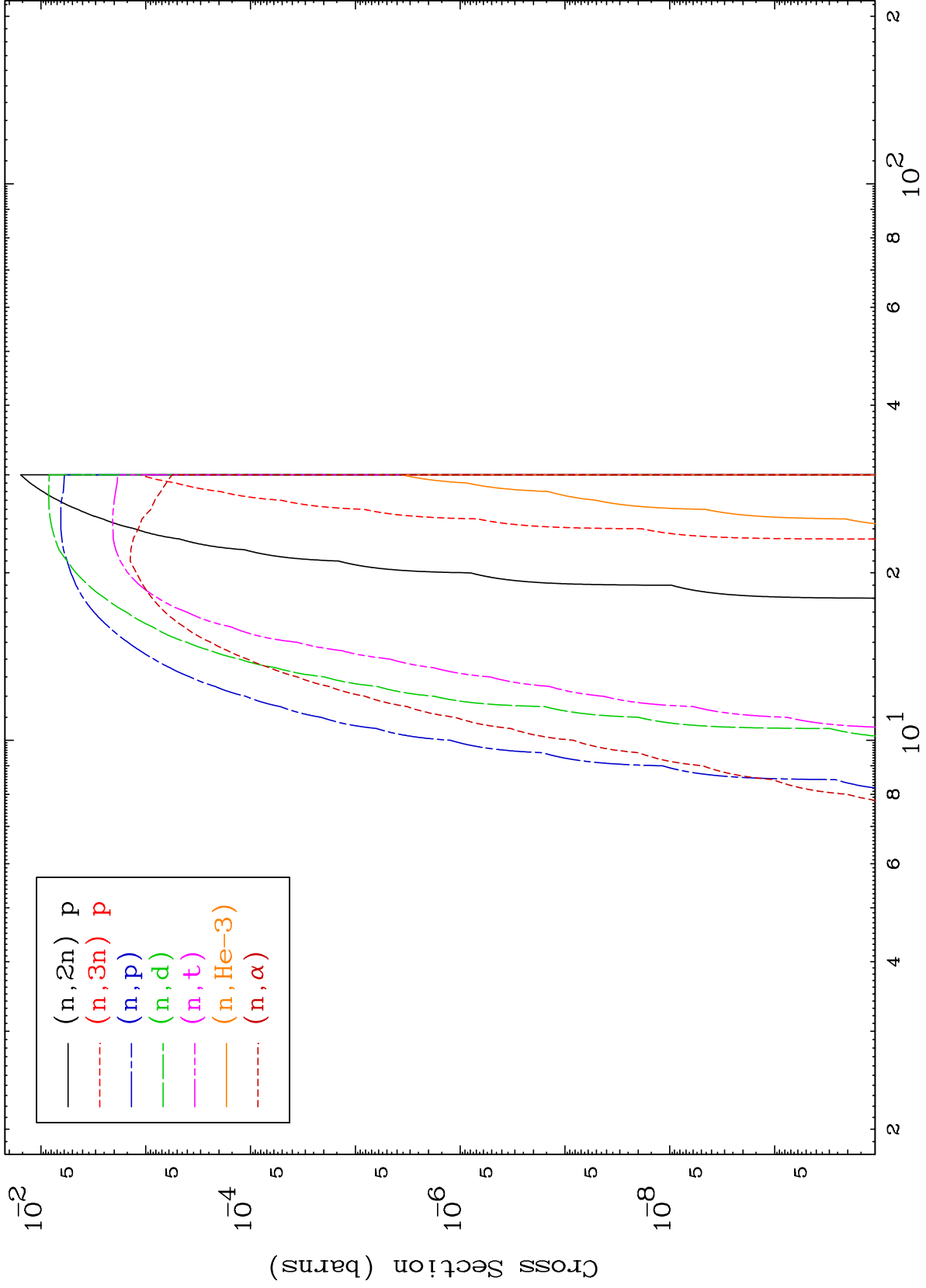
39-Y -97







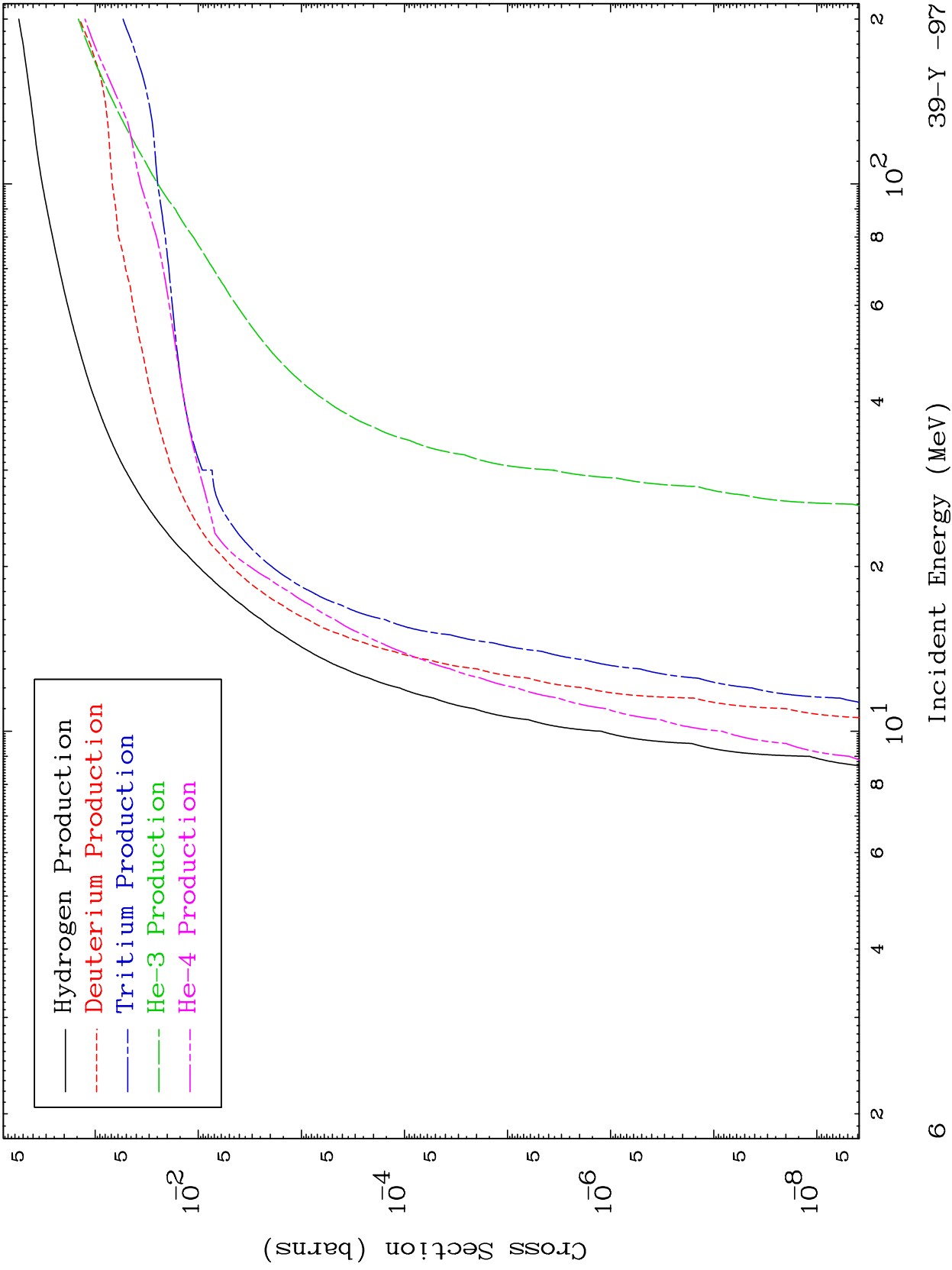




MAT 3949

Particle Production
293 Kelvin Cross Sections

39-Y -97

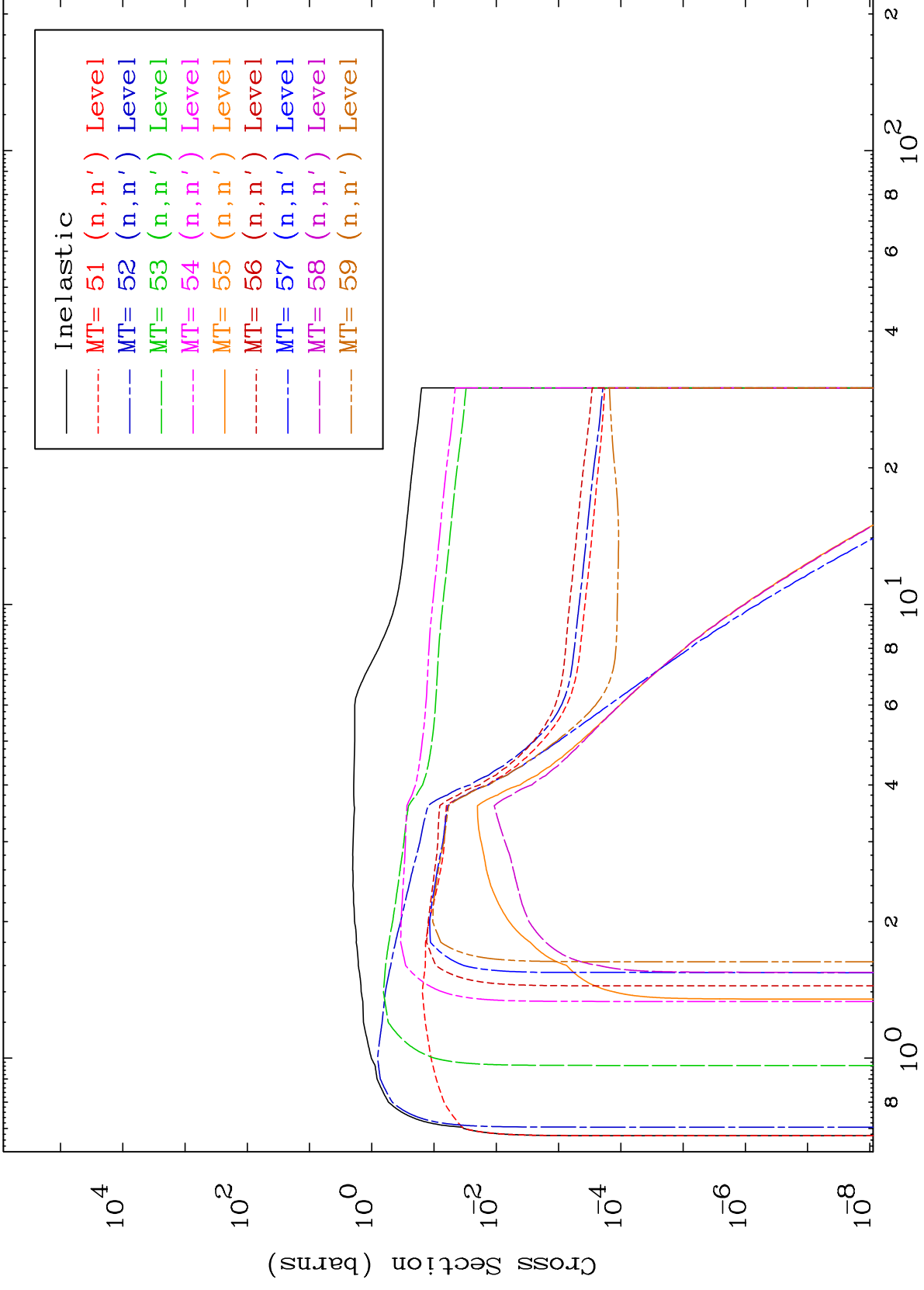


6

Incident Energy (MeV)

39-Y -97

293 Kelvin Cross Sections

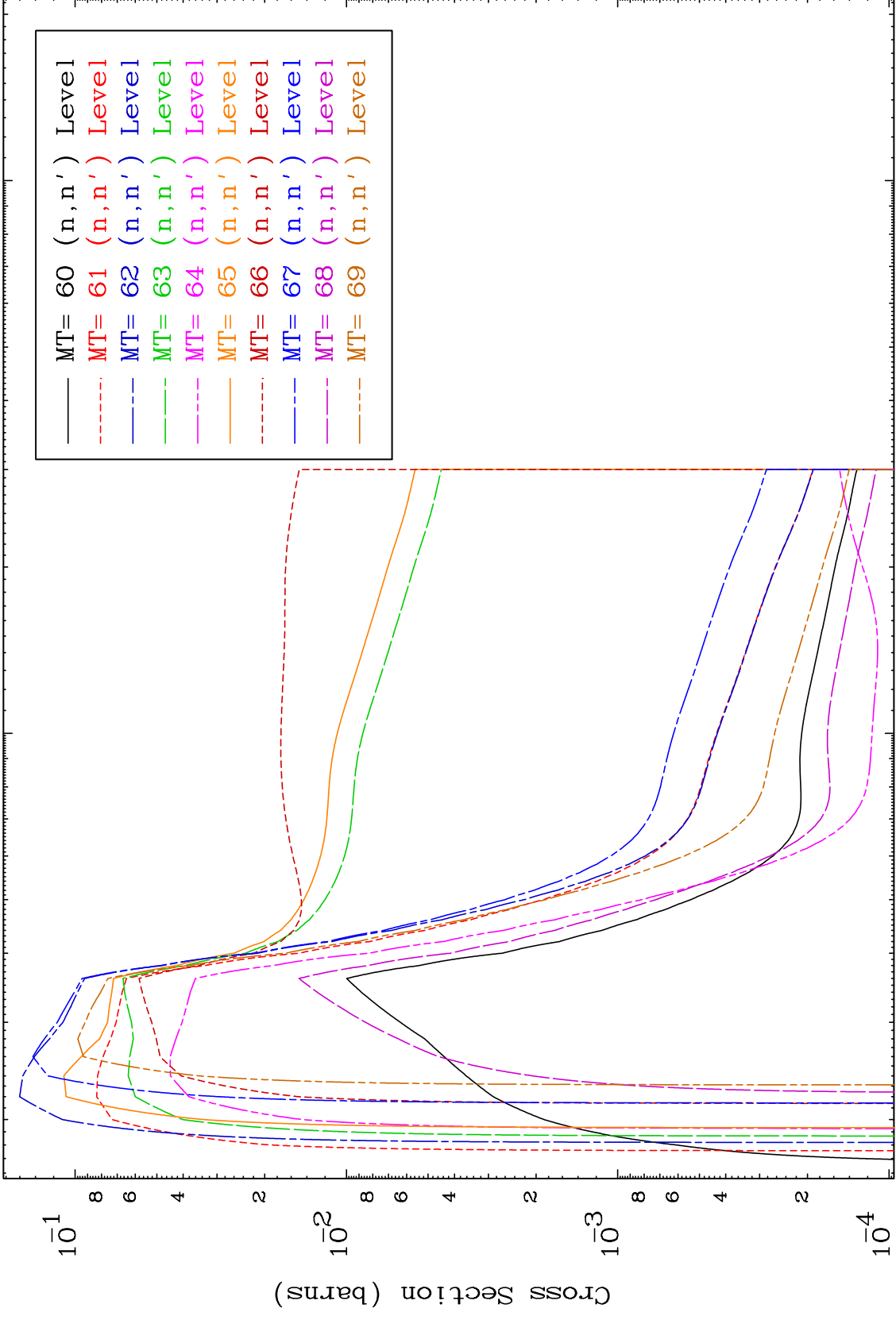


MAT 3949

(n,n') Level

39-Y -97

293 Kelvin Cross Sections

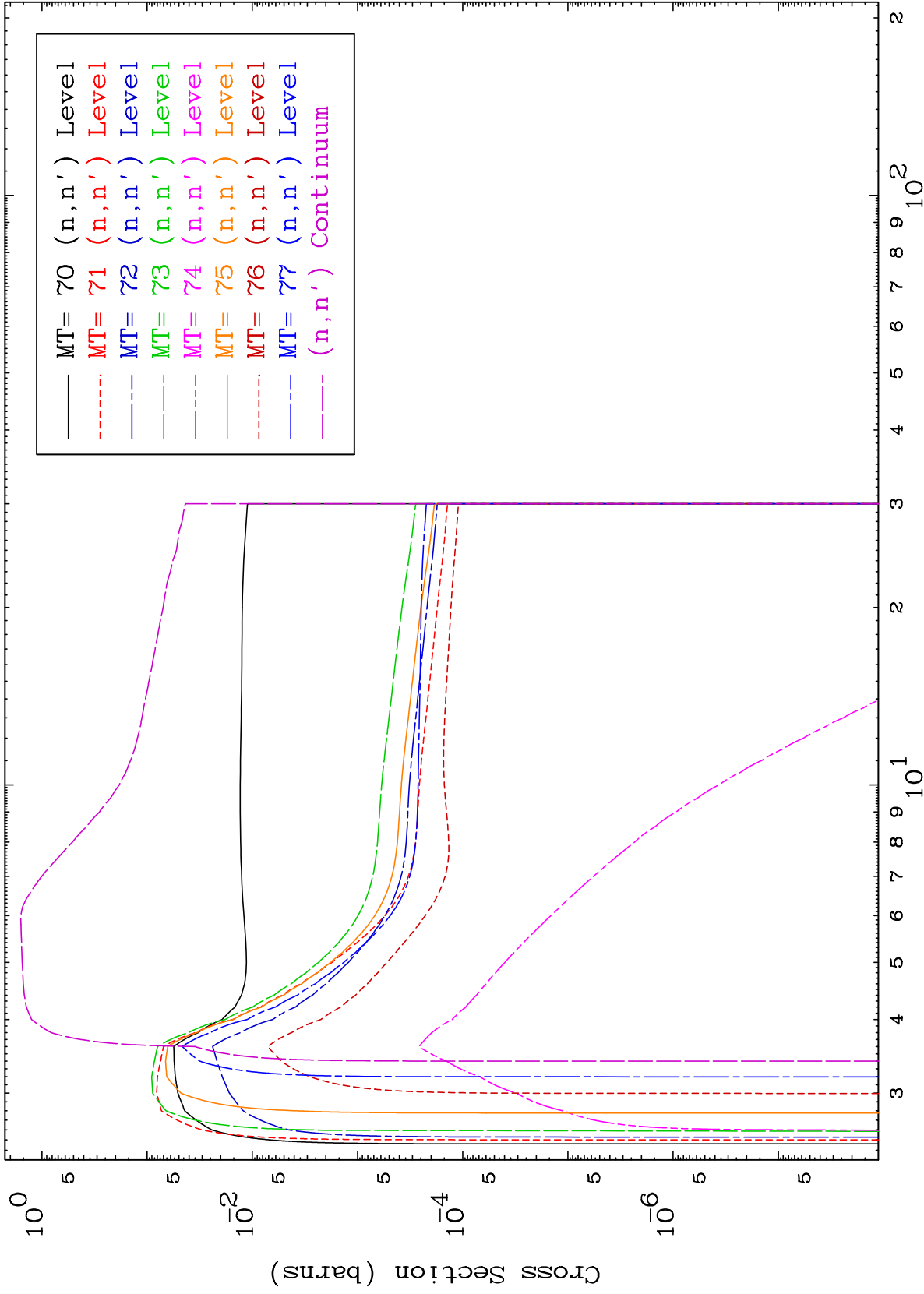


8

Incident Energy (MeV)

39-Y -97

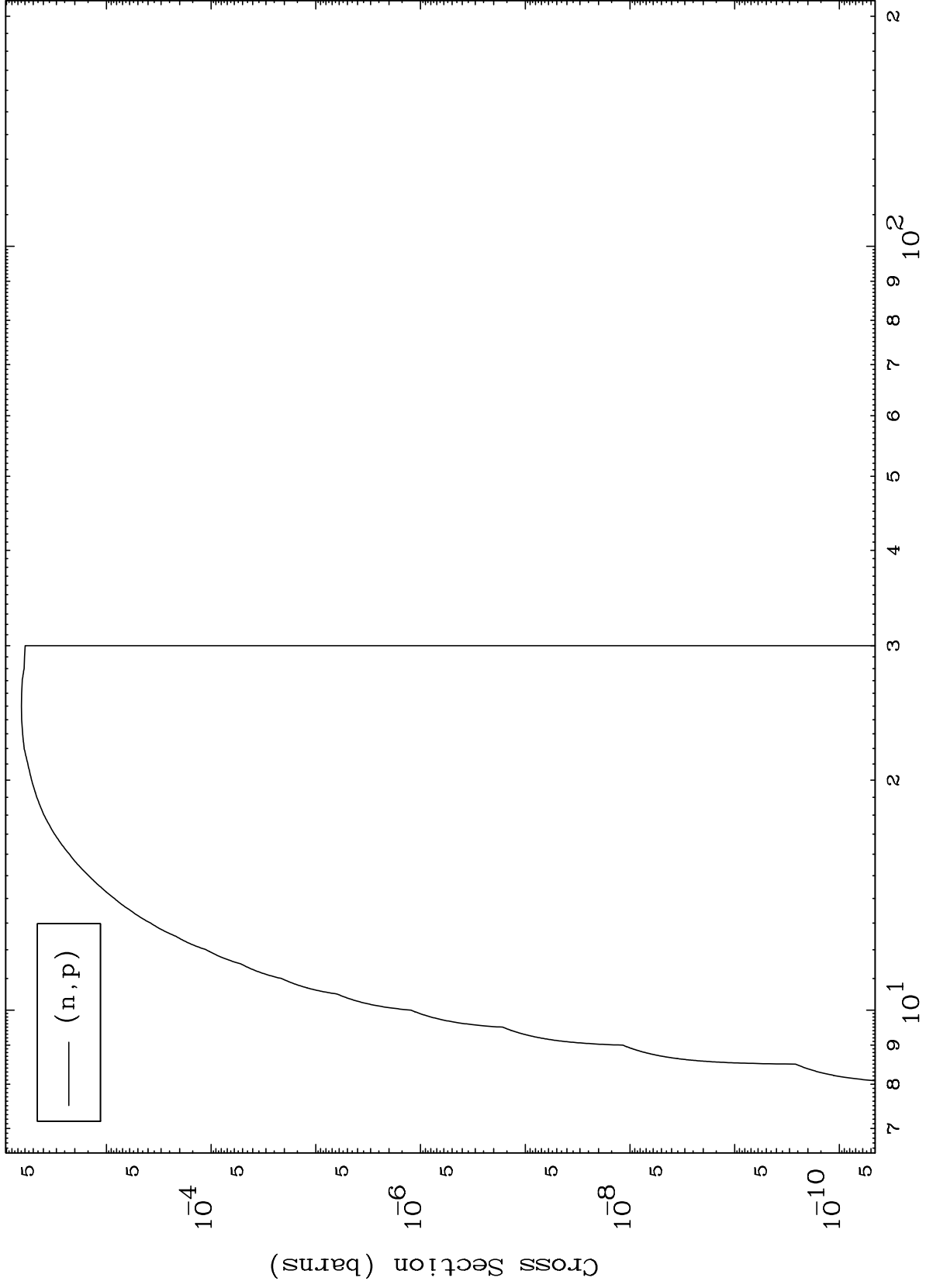
293 Kelvin Cross Sections



MAT 3949

(n,p) Levels
293 Kelvin Cross Sections

39-Y -97



10

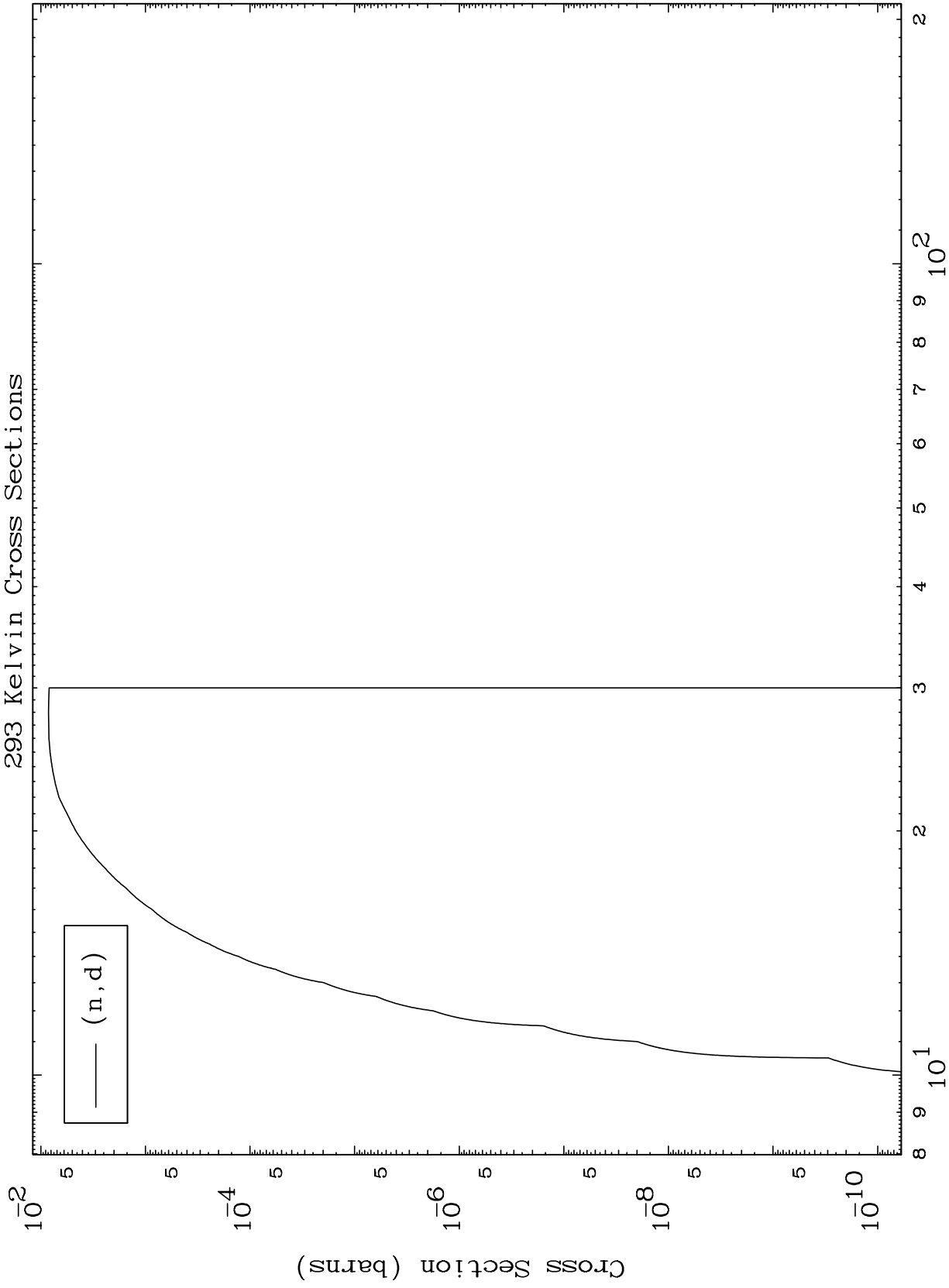
Incident Energy (MeV)

39-Y -97

MAT 3949

(n,d) Levels
293 Kelvin Cross Sections

39-Y -97



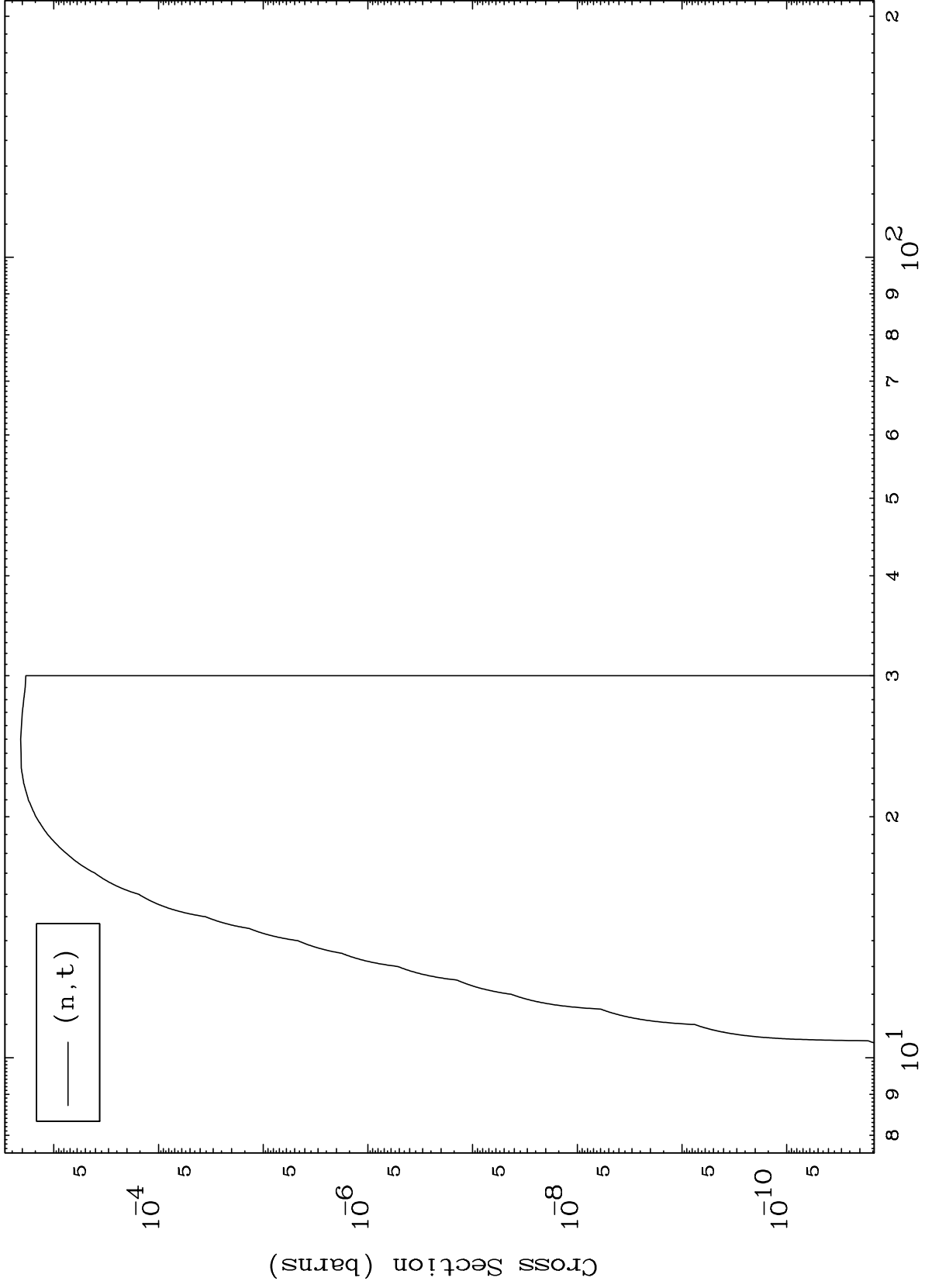
11

39-Y -97

MAT 3949

(n,t) Levels
293 Kelvin Cross Sections

39-Y -97



12

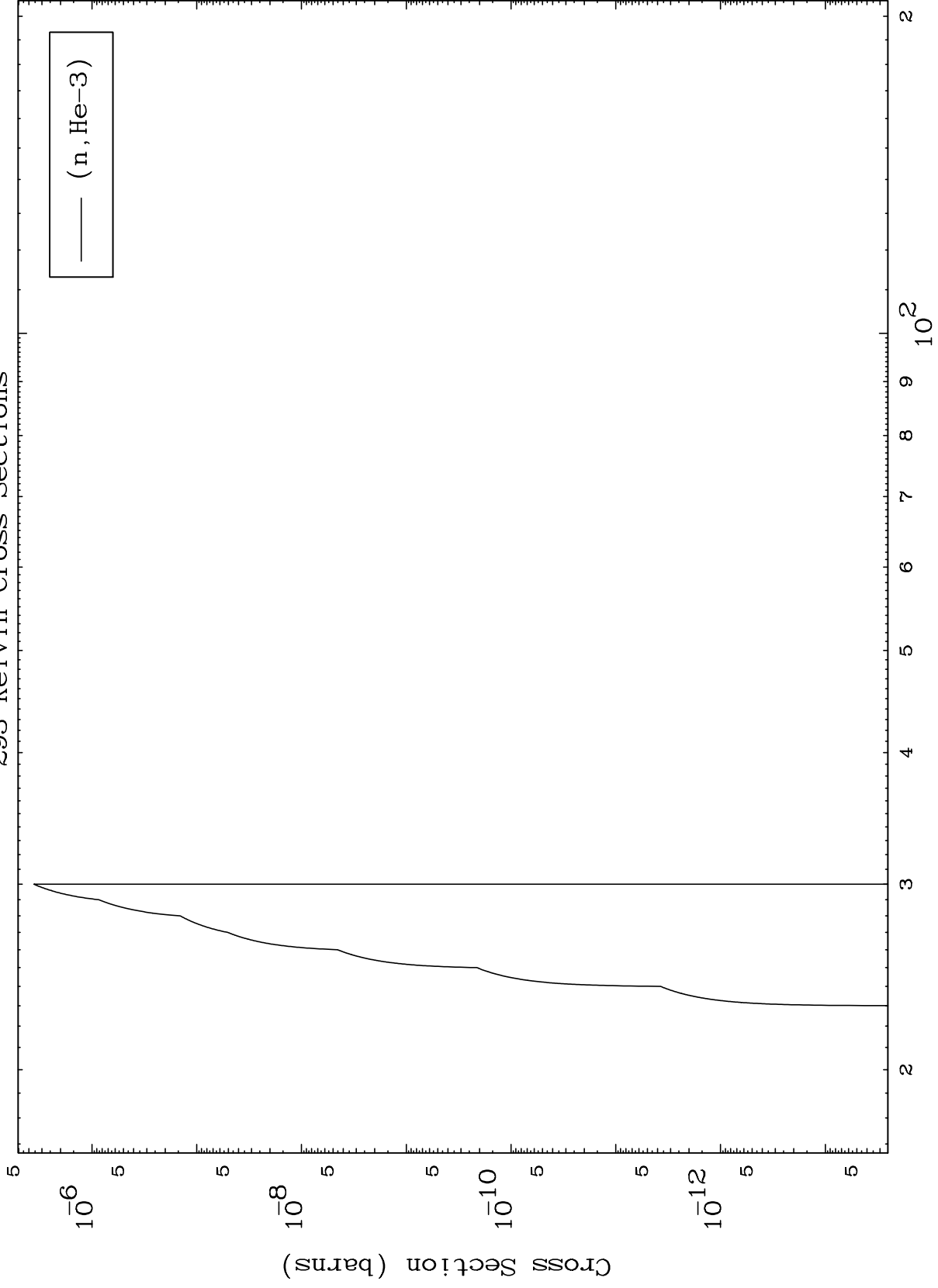
Incident Energy (MeV)

39-Y -97

MAT 3949

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -97



13

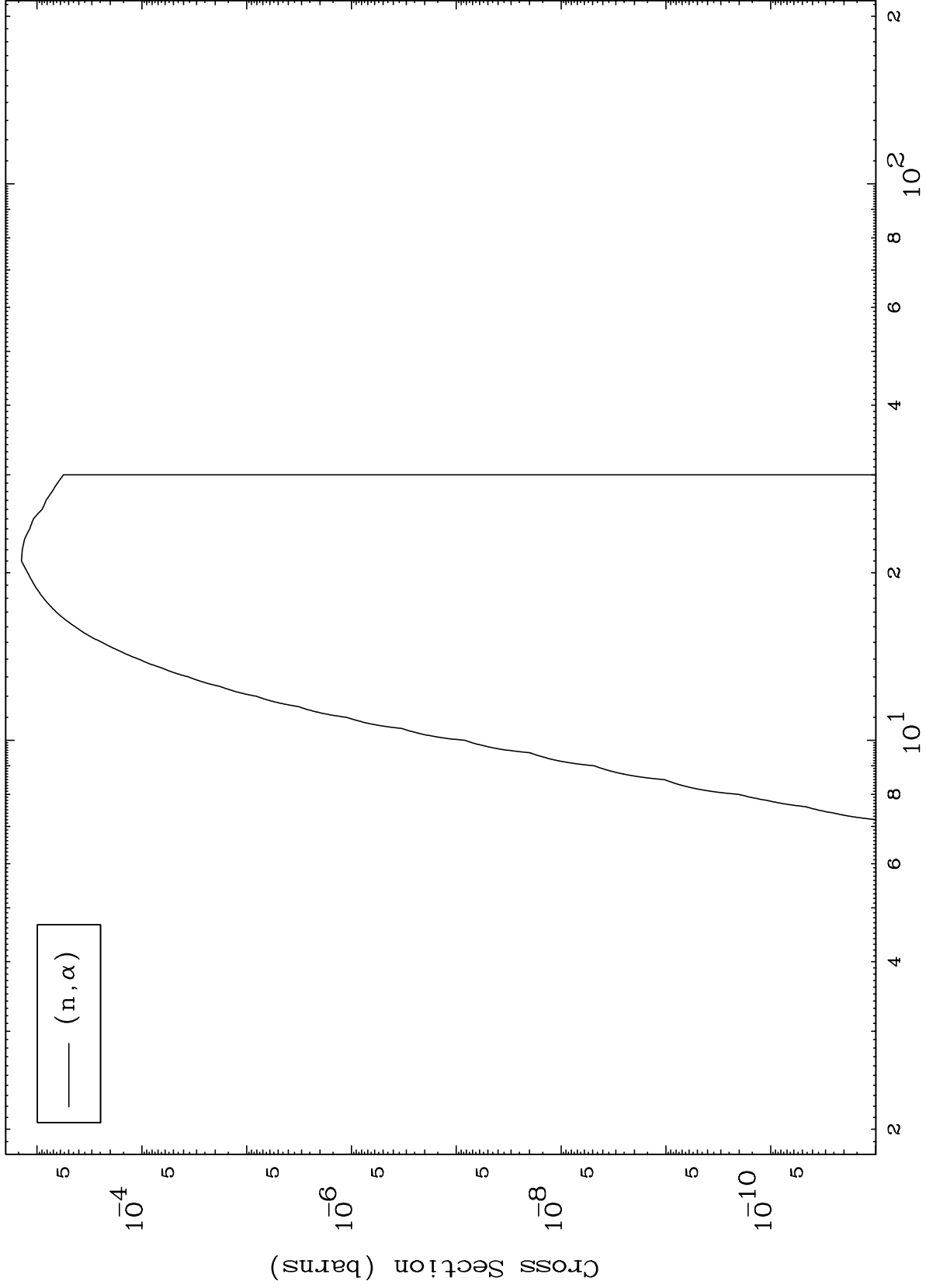
Incident Energy (MeV)

39-Y -97

MAT 3949

(n, α) Levels
293 Kelvin Cross Sections

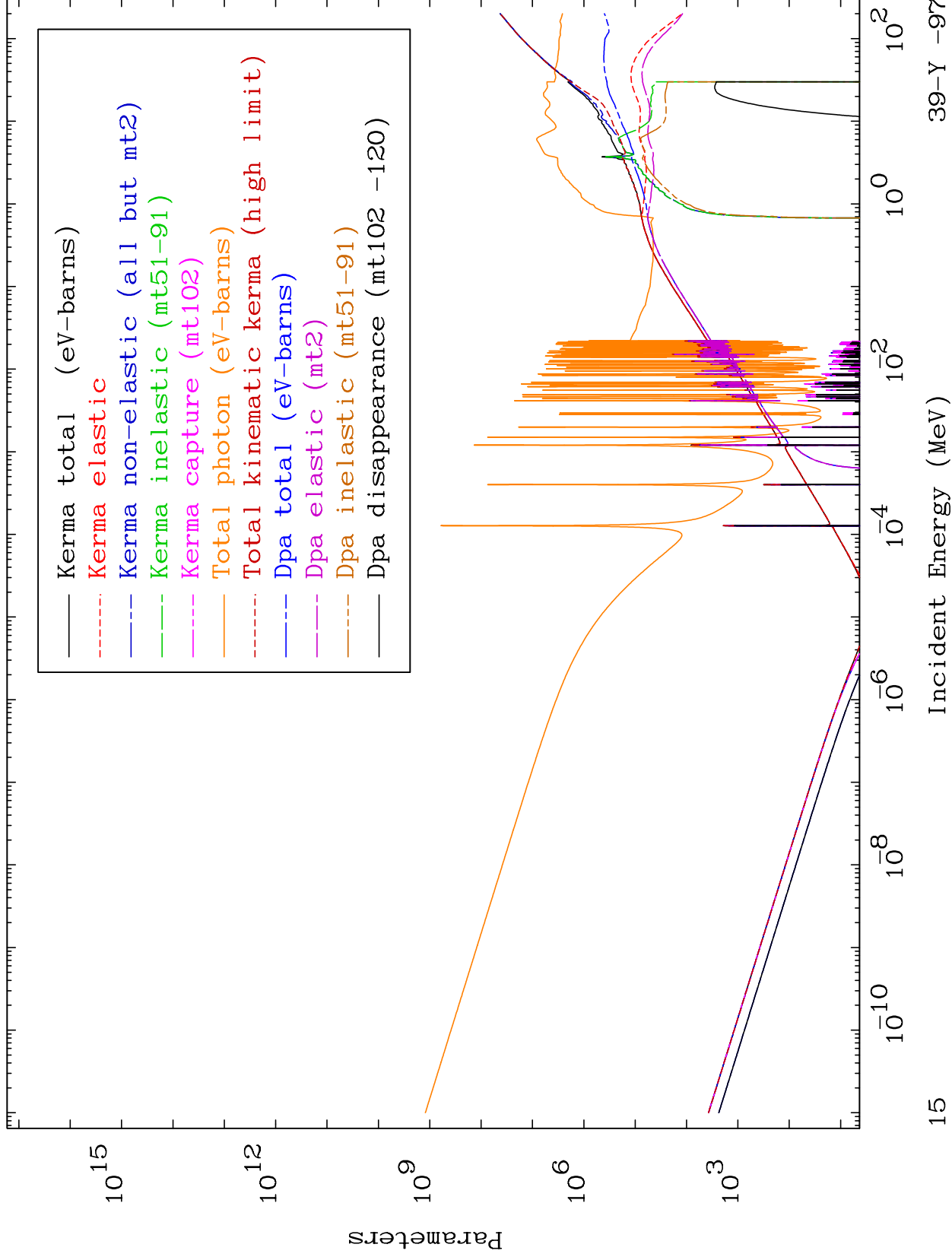
39-Y -97



14

Incident Energy (MeV)

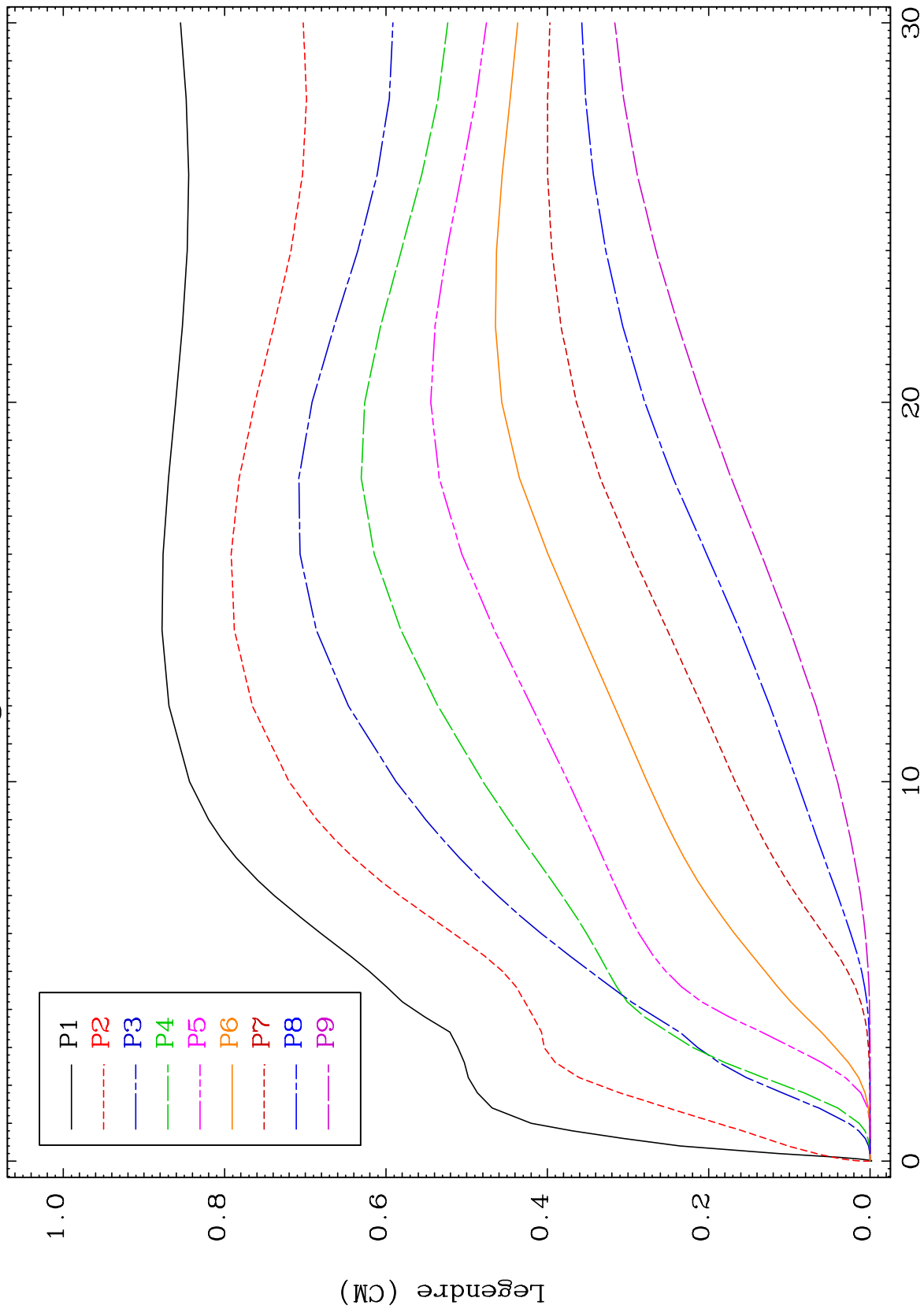
39-Y -97



MAT 3949

Elastic Legendre Coefficients

39-Y -97



16

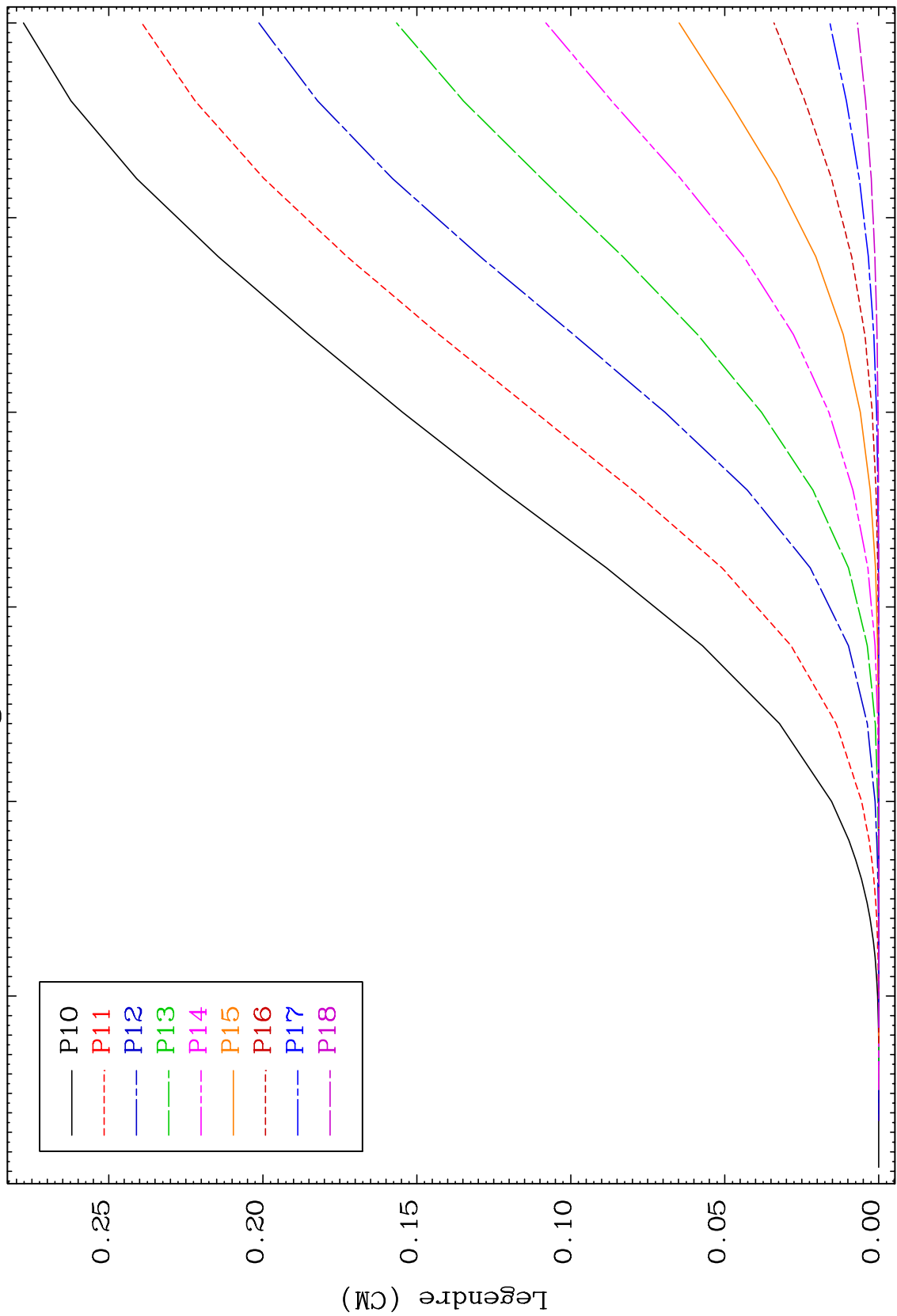
Incident Energy (MeV)

39-Y -97

MAT 3949

Elastic Legendre Coefficients

39-Y -97



17

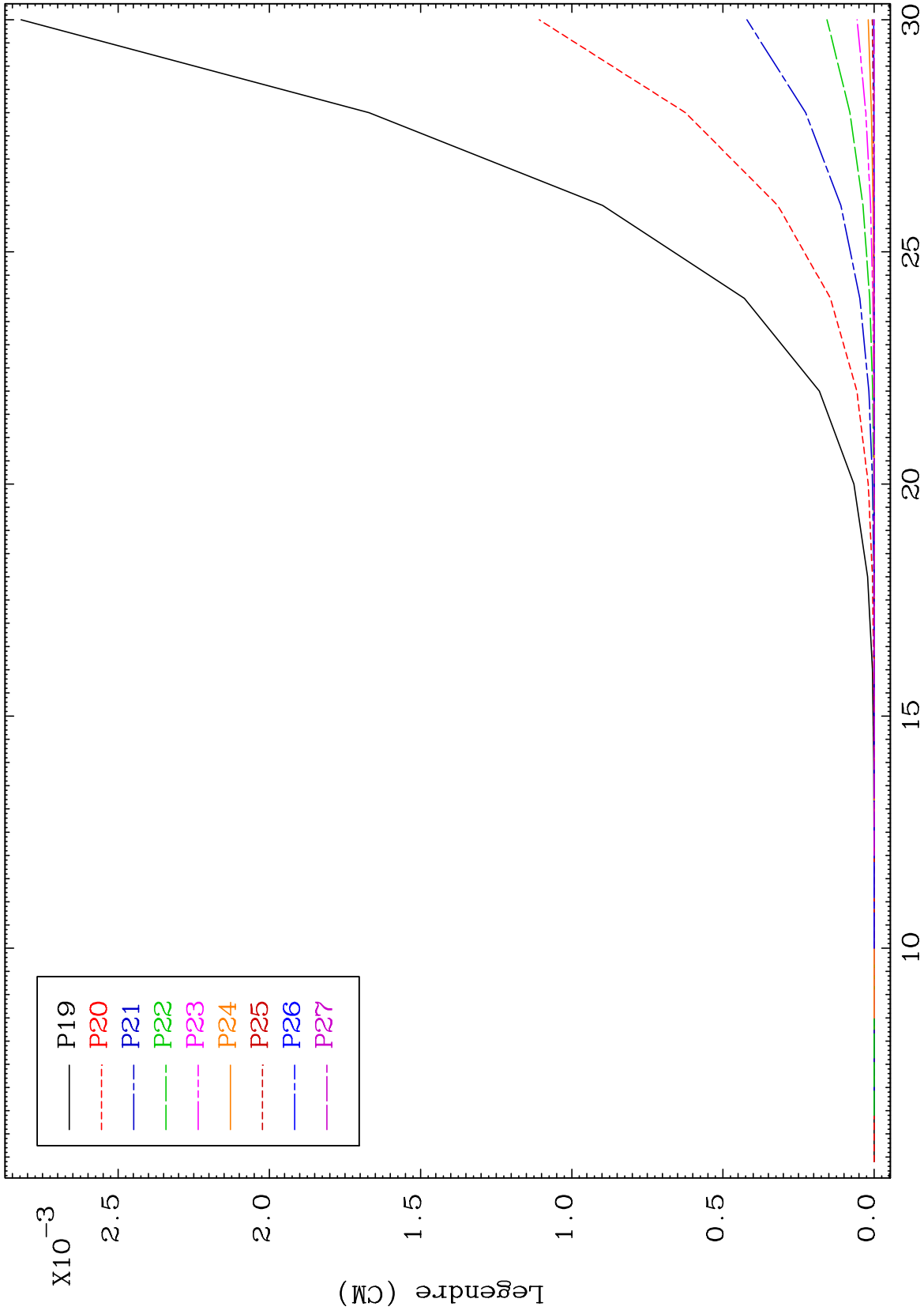
Incident Energy (MeV)

39-Y -97

MAT 3949

Elastic Legendre Coefficients

39-Y -97



18

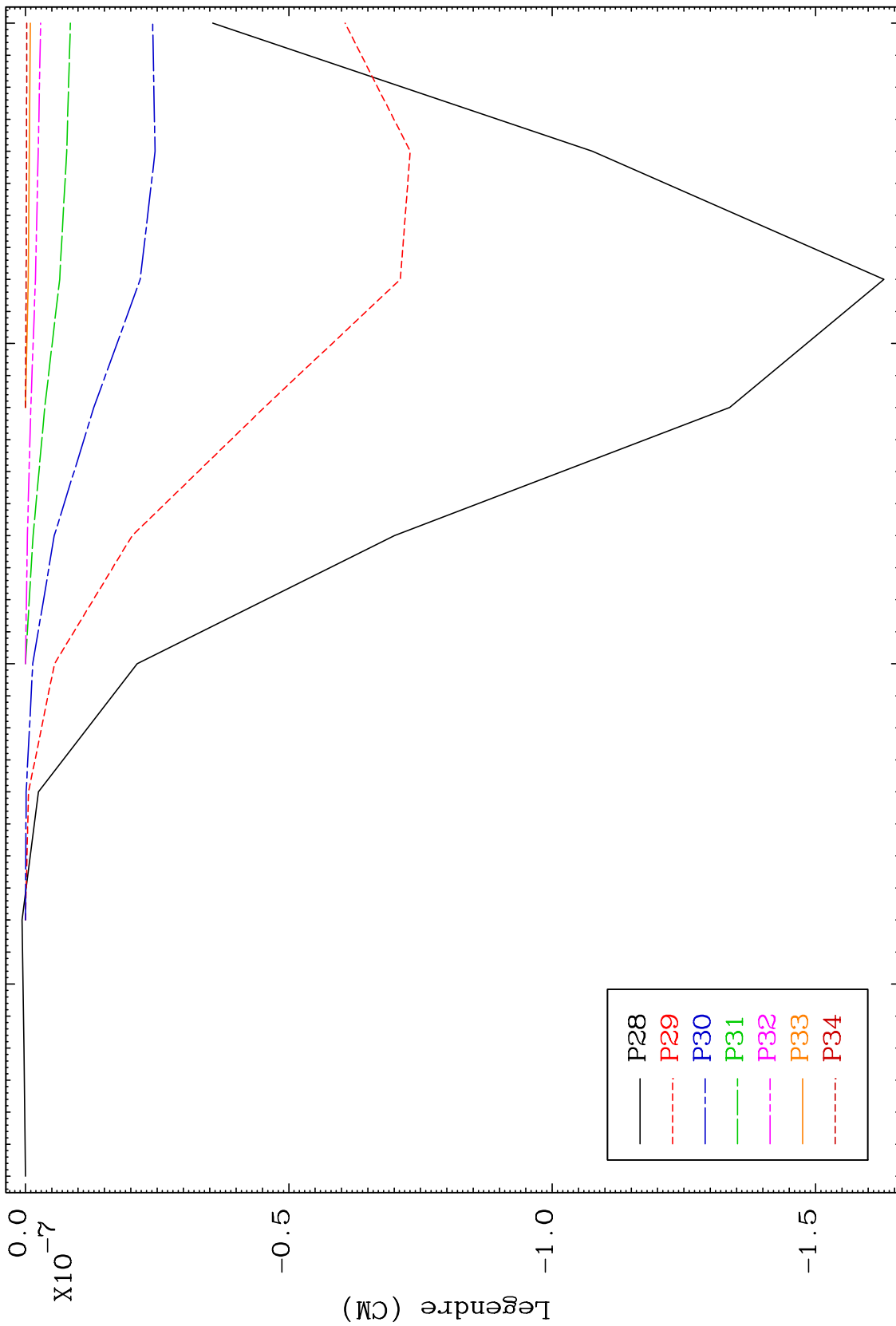
Incident Energy (MeV)

39-Y -97

MAT 3949

39-Y -97

Elastic Legendre Coefficients

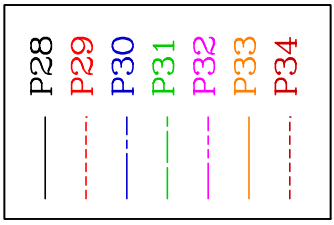


Legendre (CM)
X10⁻⁷

Incident Energy (MeV)

39-Y -97

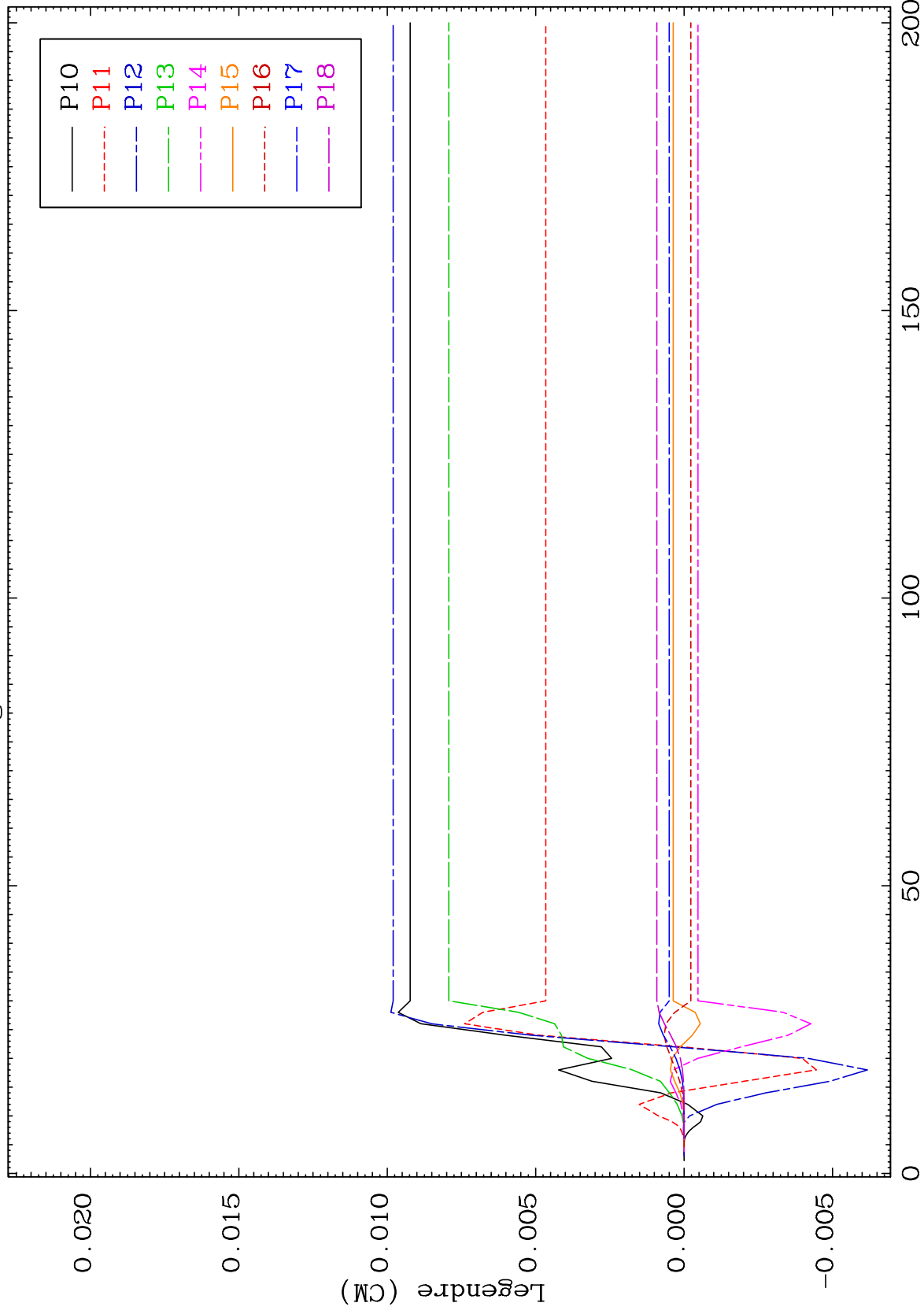
19



MAT 3949

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

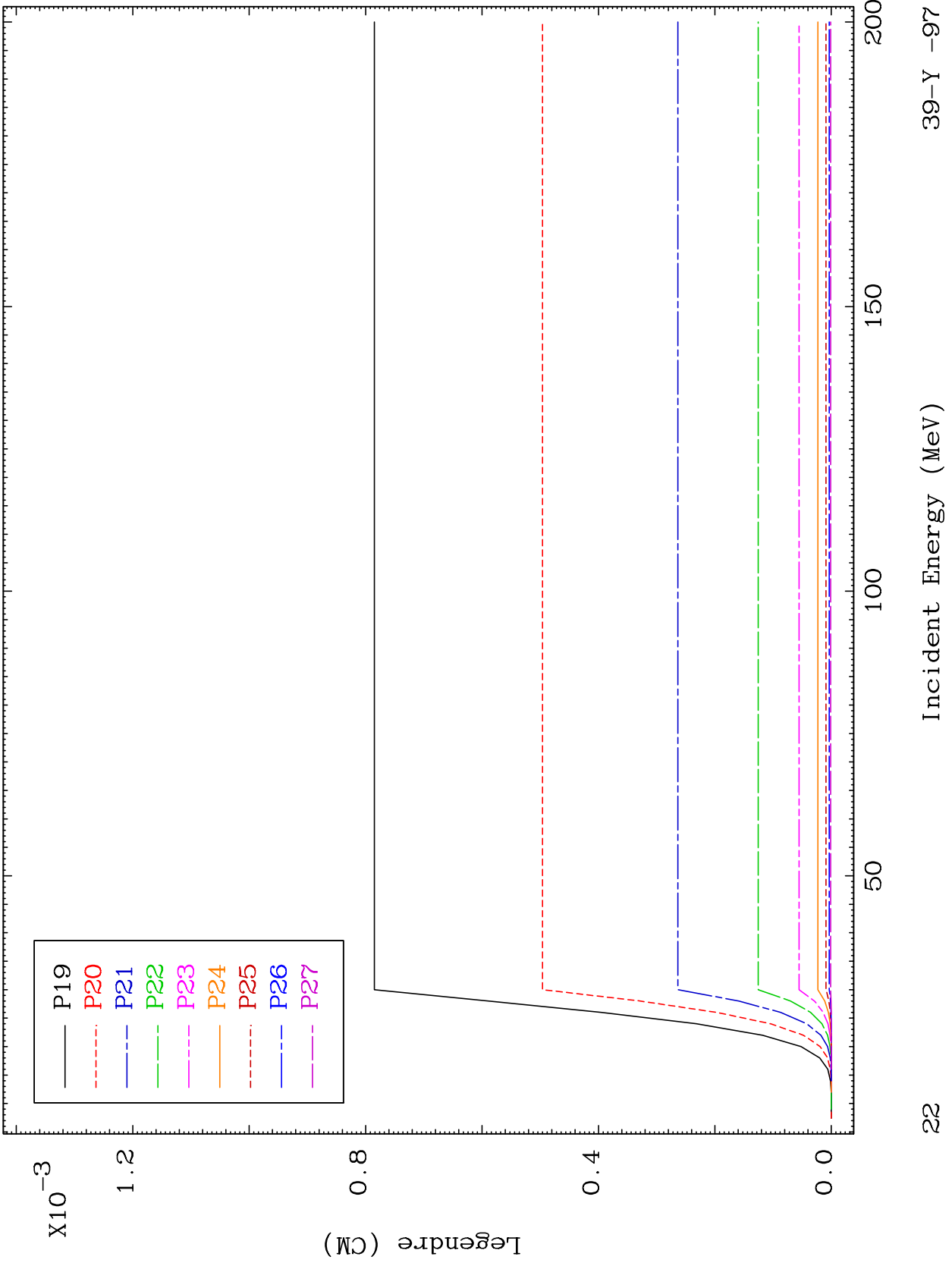
39-Y -97



21

Incident Energy (MeV)

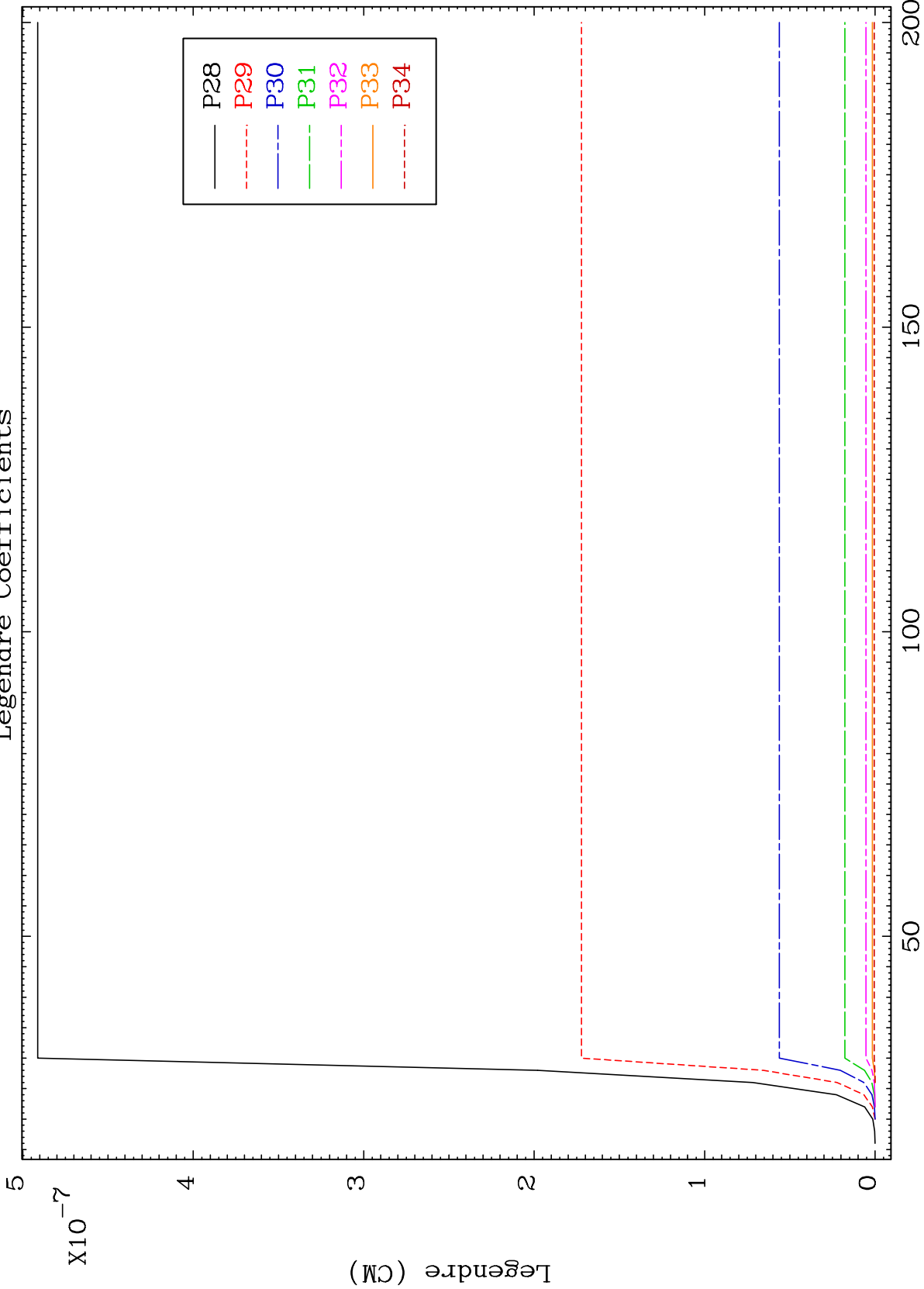
39-Y -97



MAT 3949

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

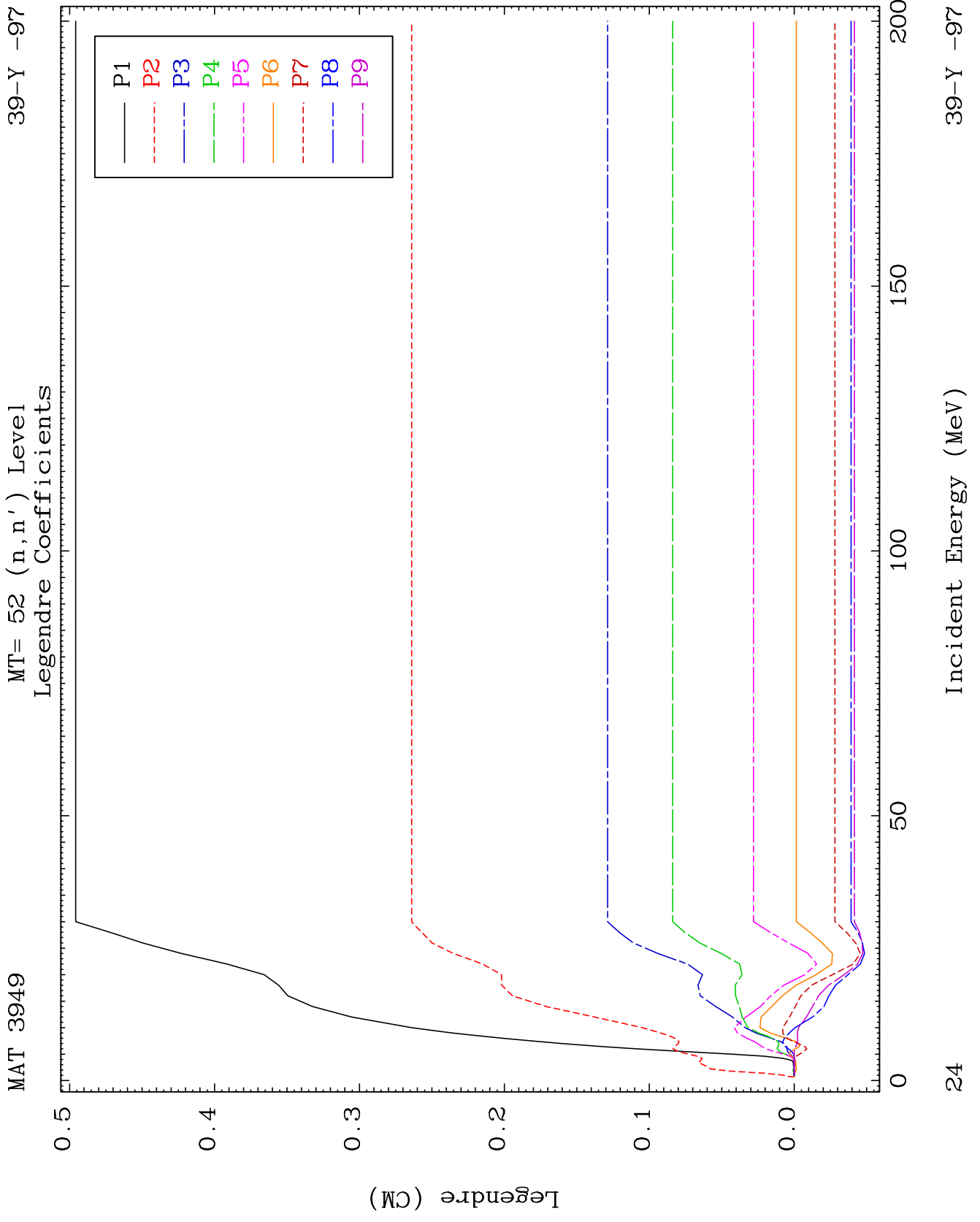
39-Y -97



23

Incident Energy (MeV)

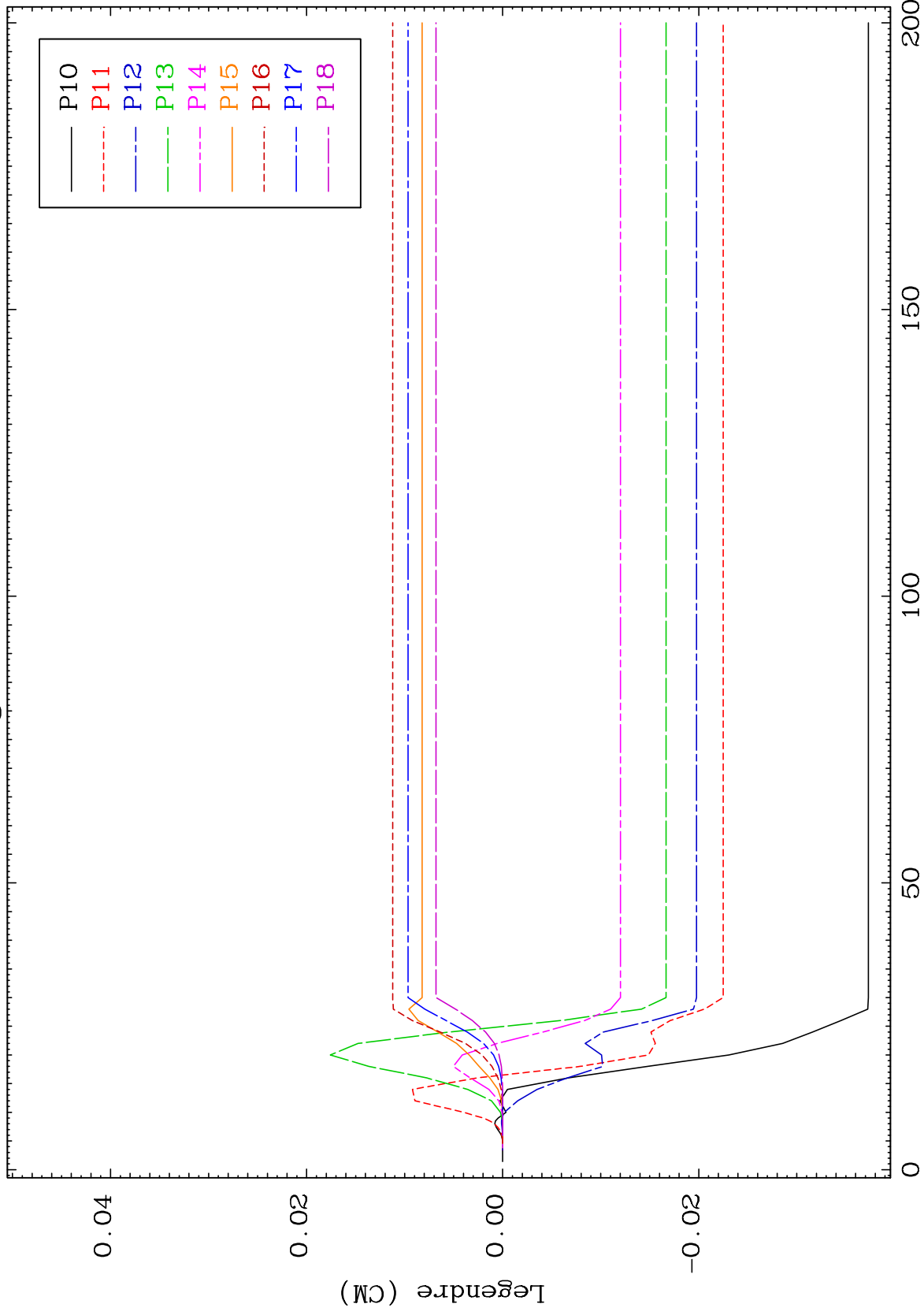
39-Y -97



MAT 3949

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

39-Y -97



25

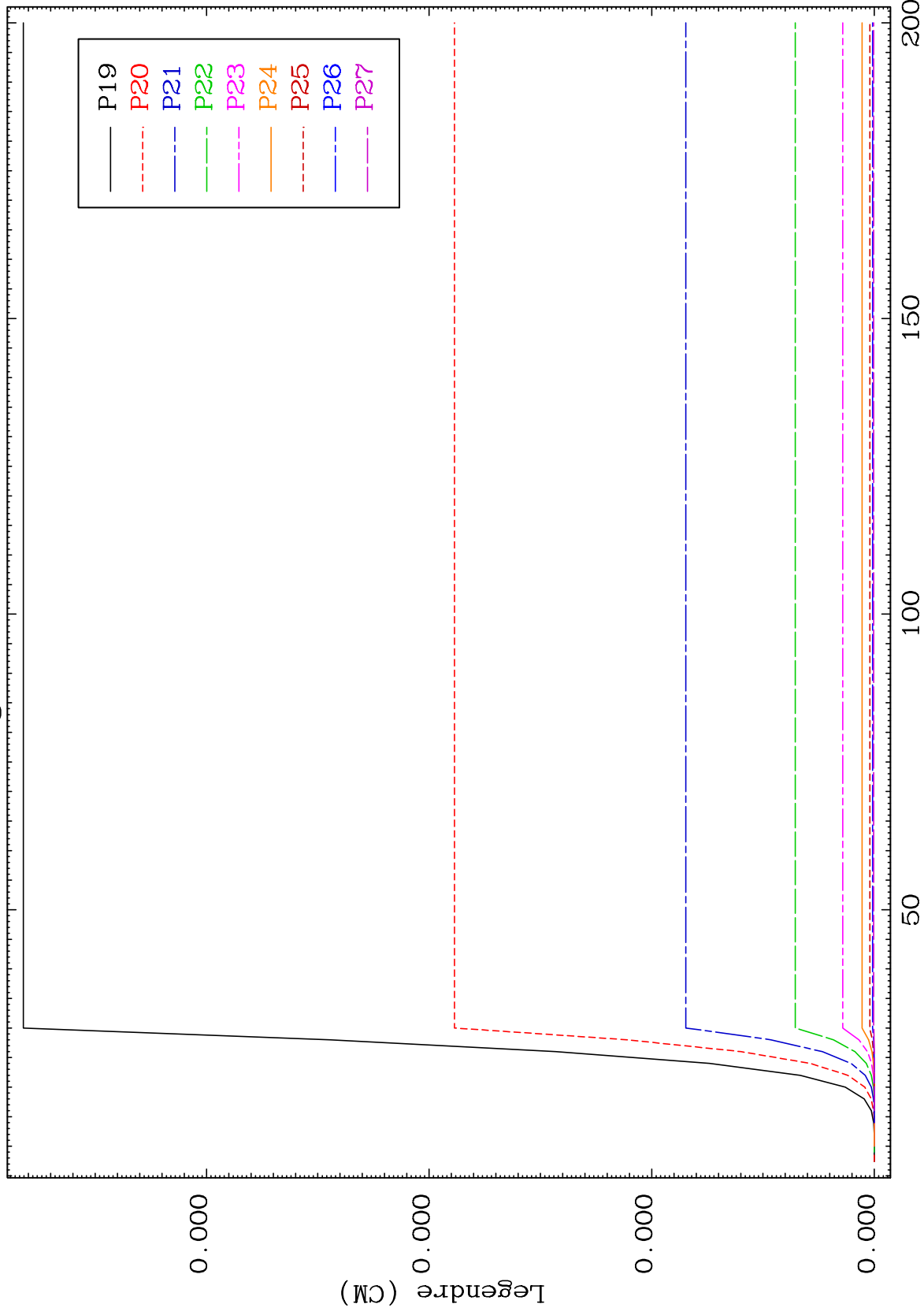
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



26

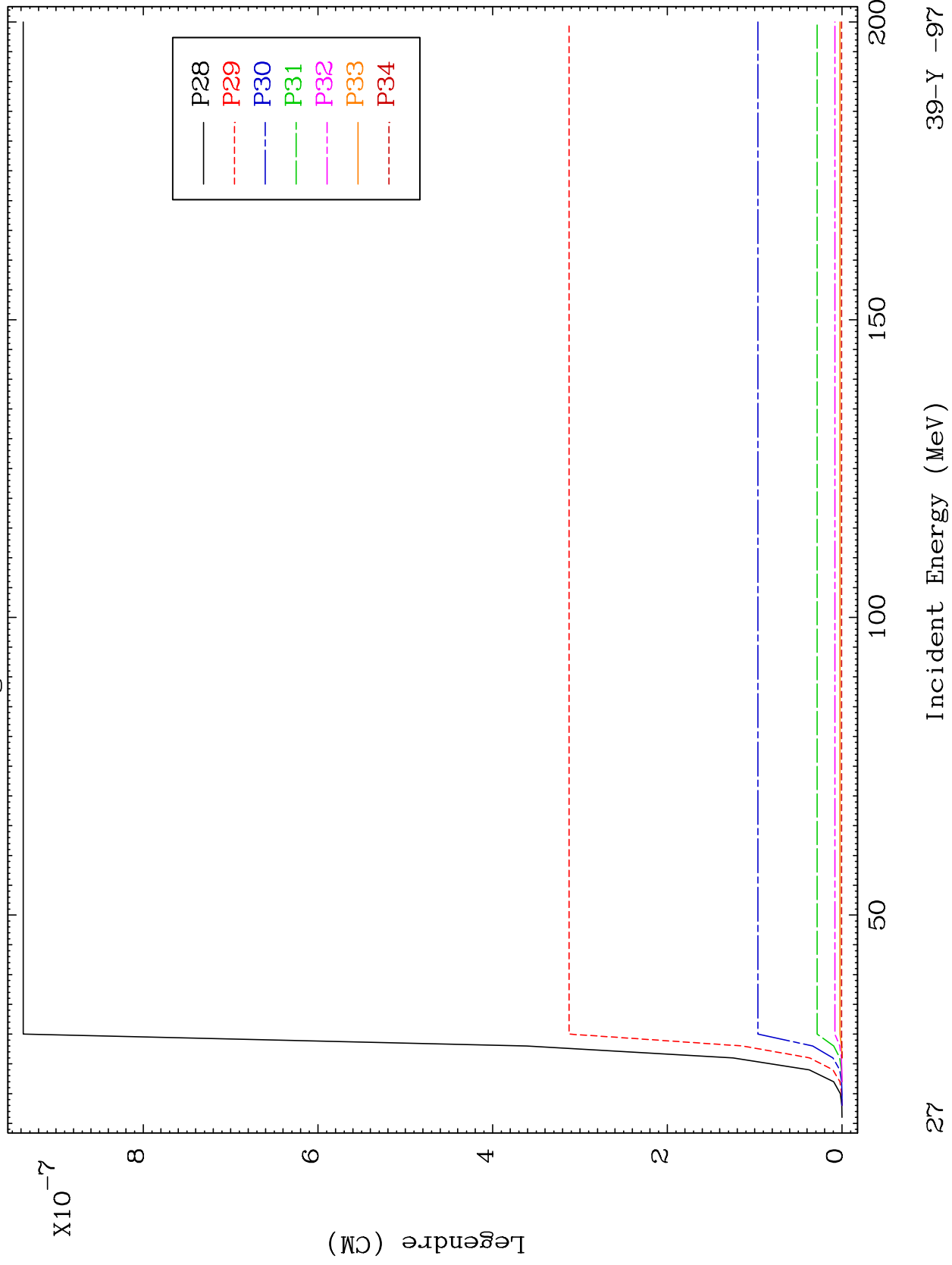
Incident Energy (MeV)

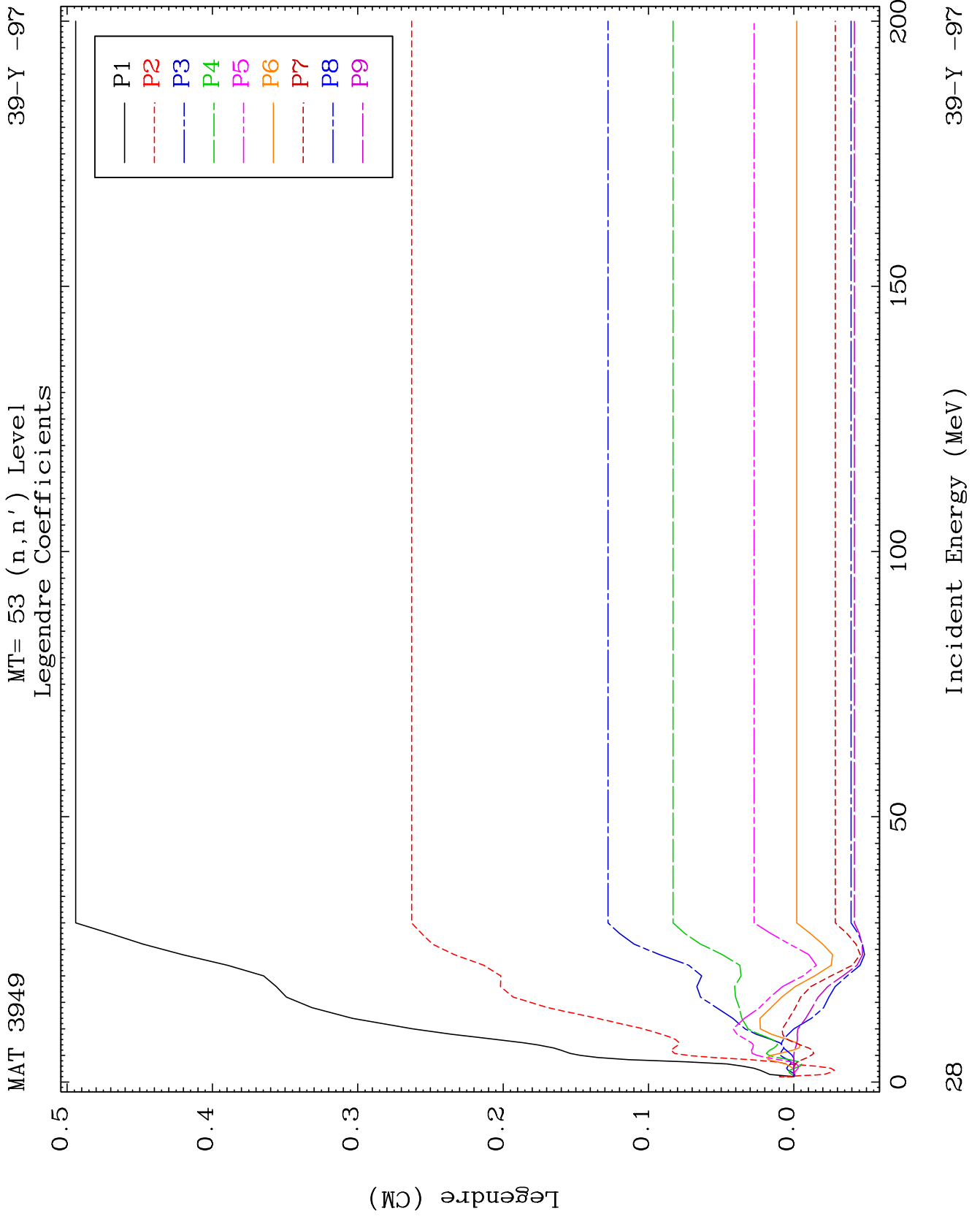
39-Y -97

MAT 3949

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

39-Y -97

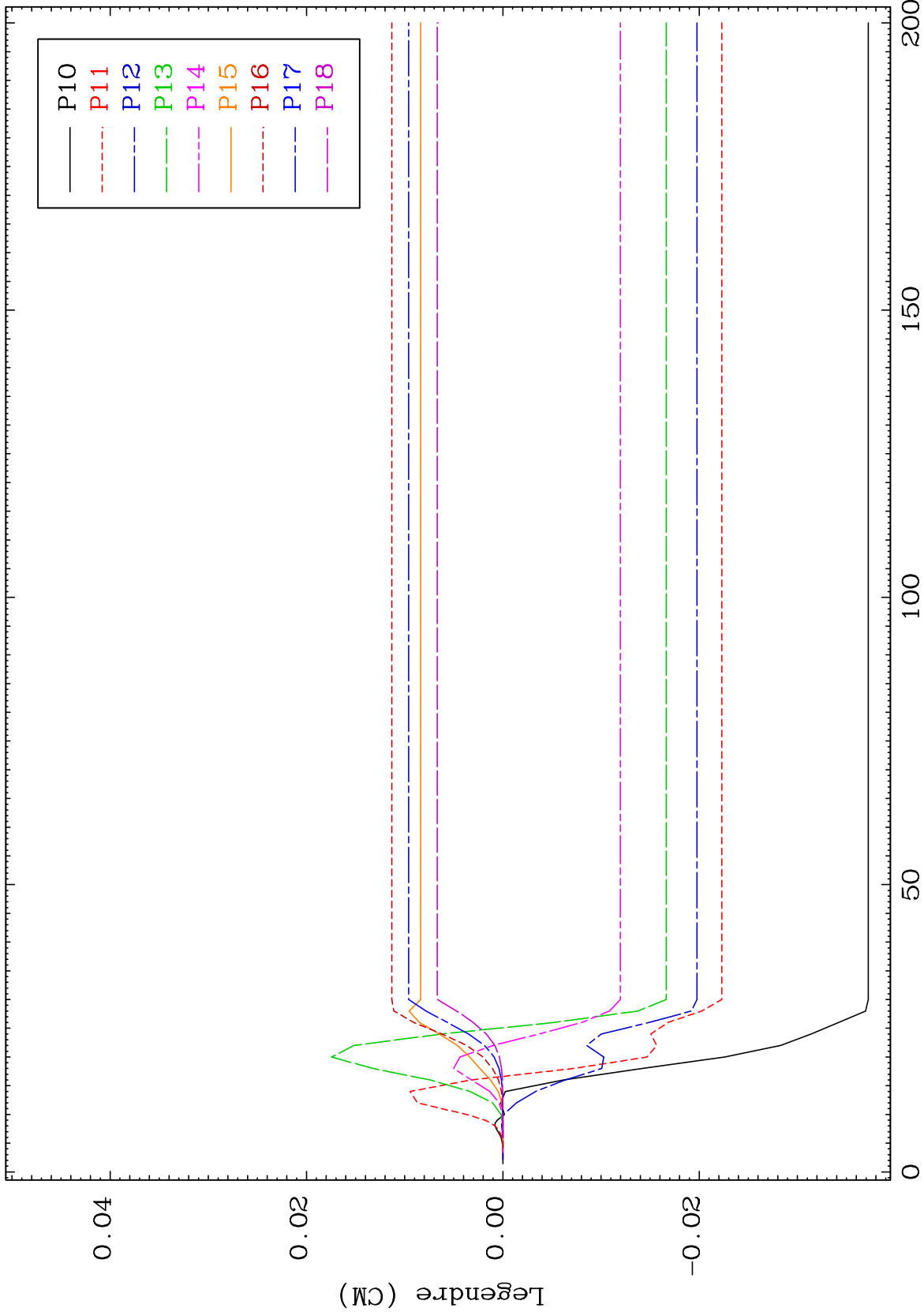




MAT 3949

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

39-Y -97



29

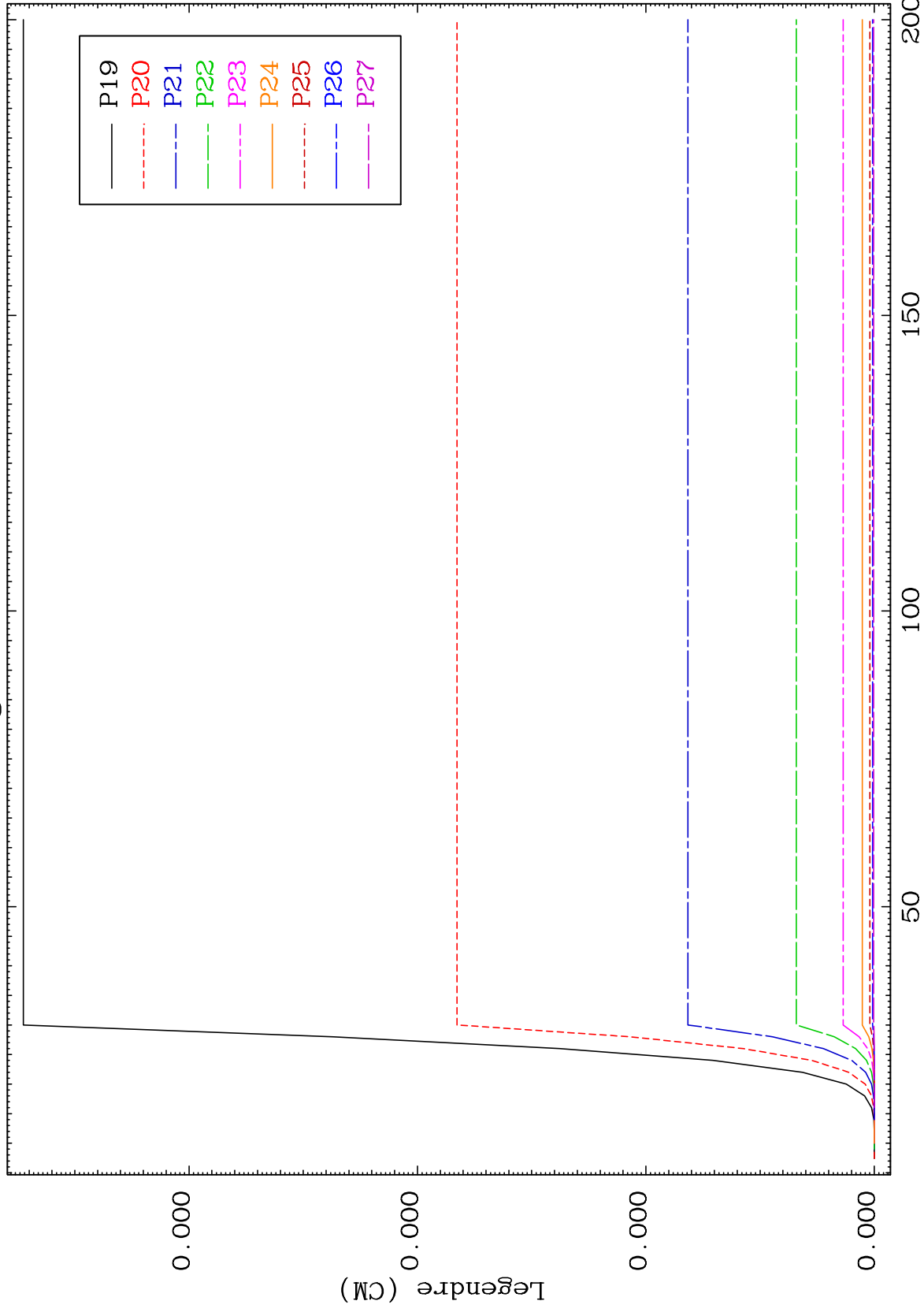
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



30

Incident Energy (MeV)

50

100

150

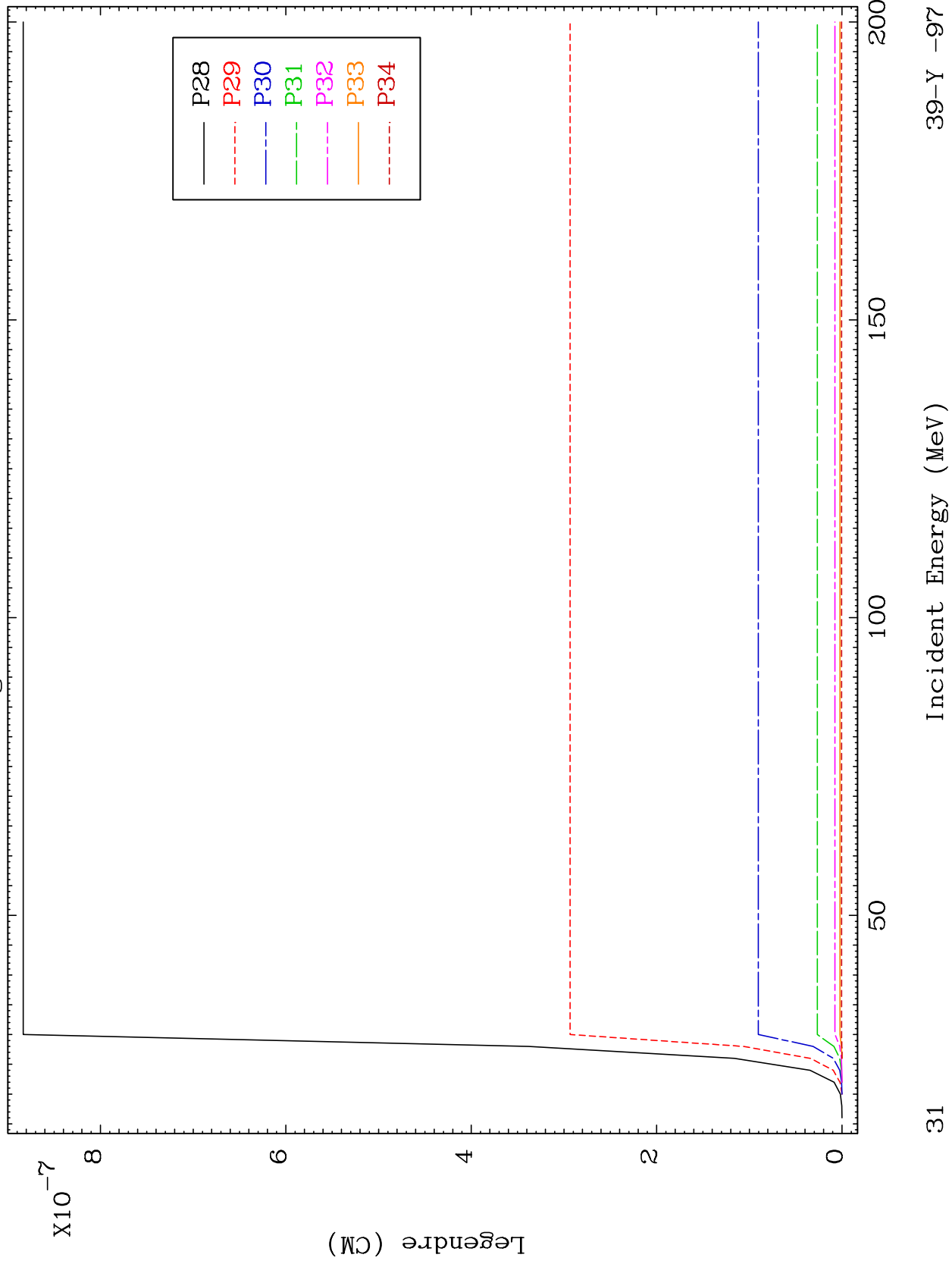
200

39-Y -97

MAT 3949

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

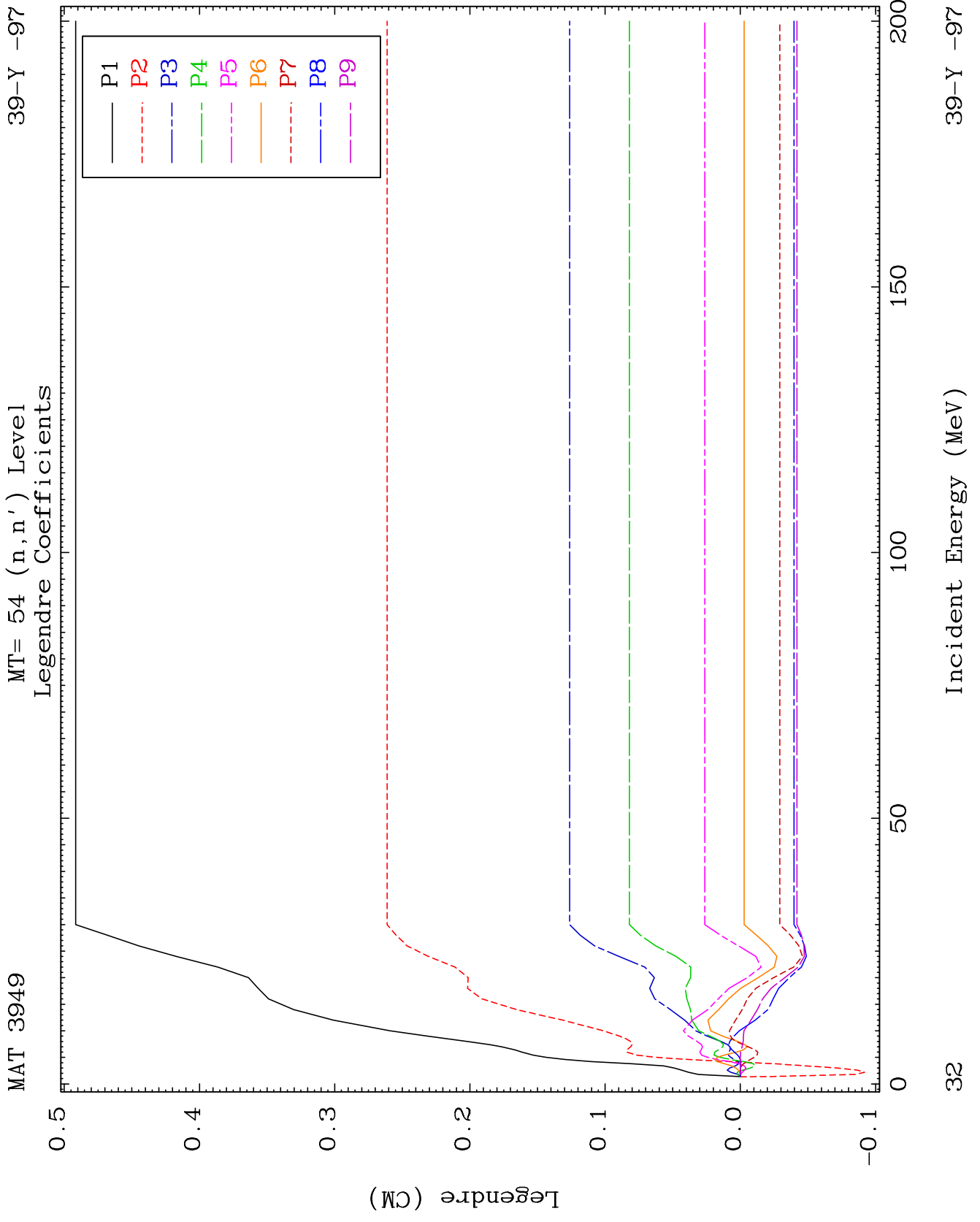
39-Y -97



31

Incident Energy (MeV)

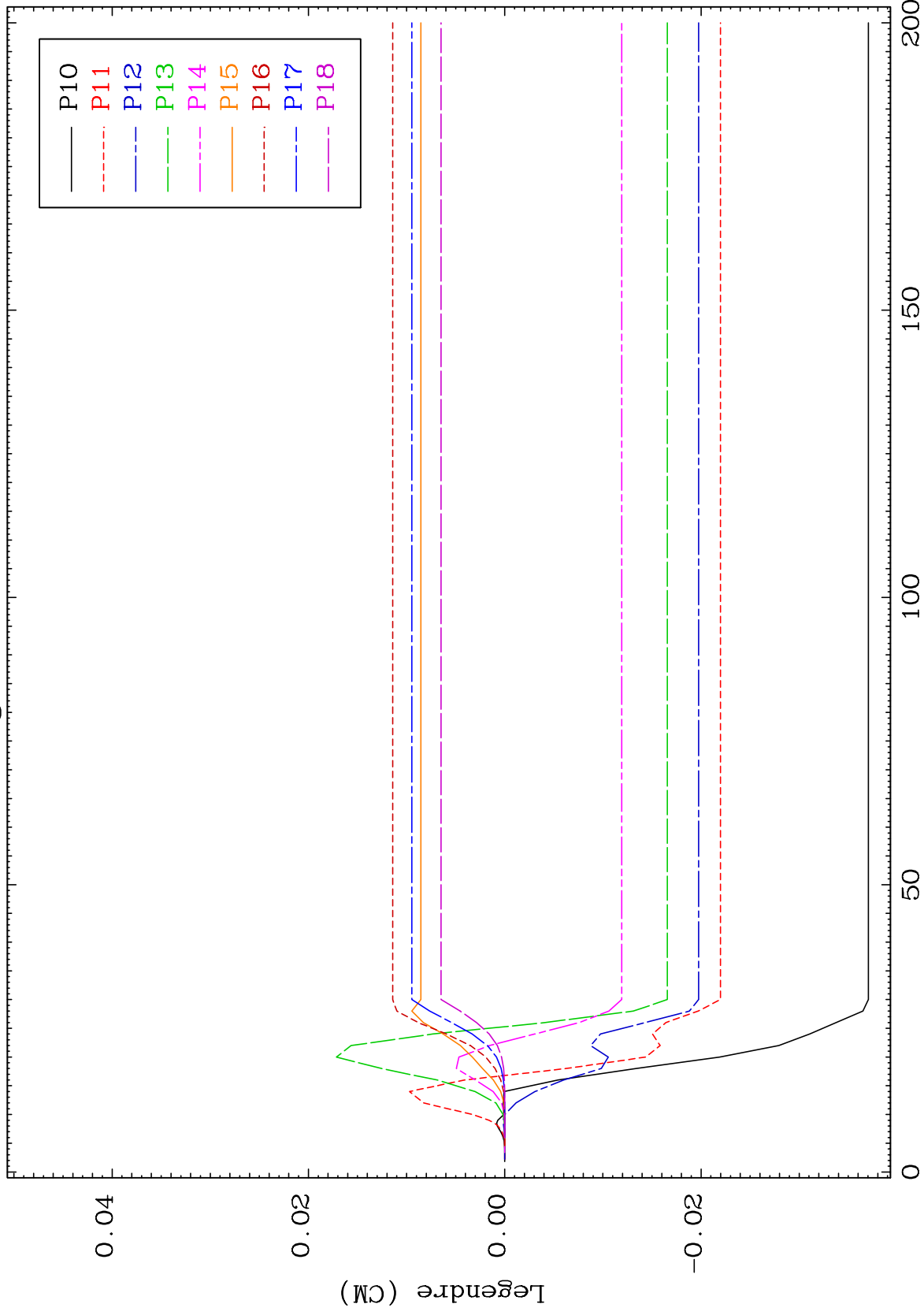
39-Y -97



MAT 3949

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

39-Y -97



33

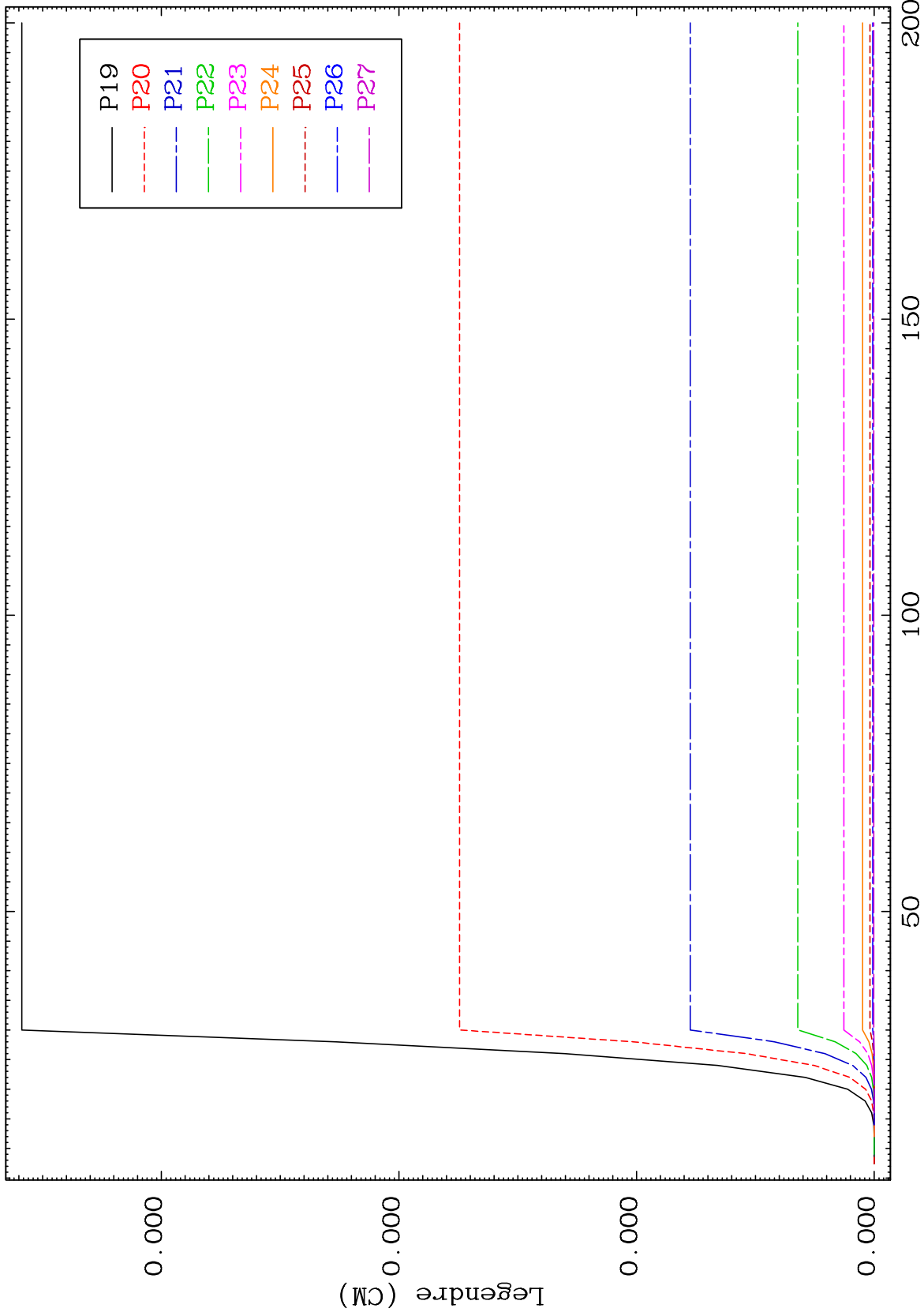
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



34

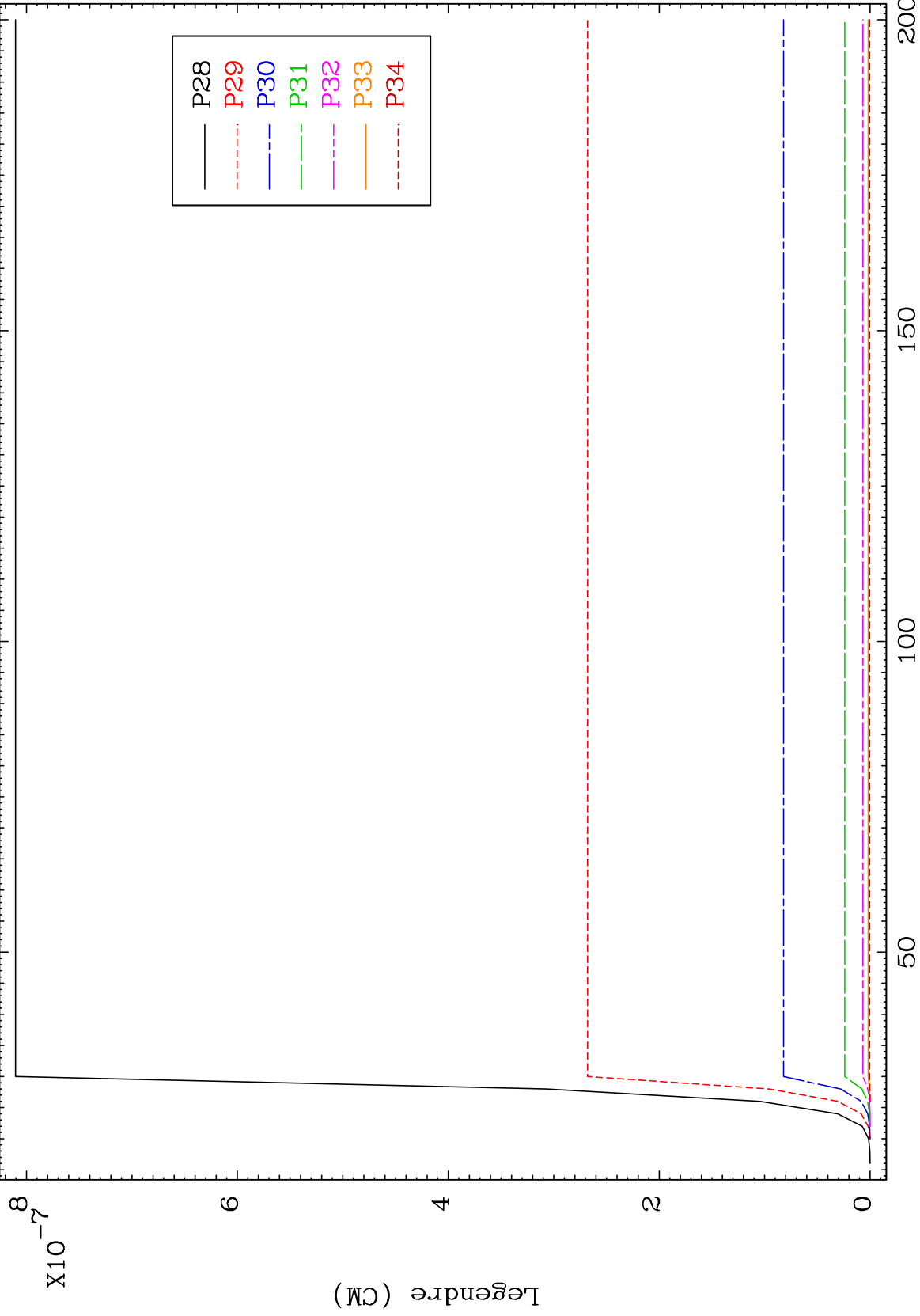
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



35

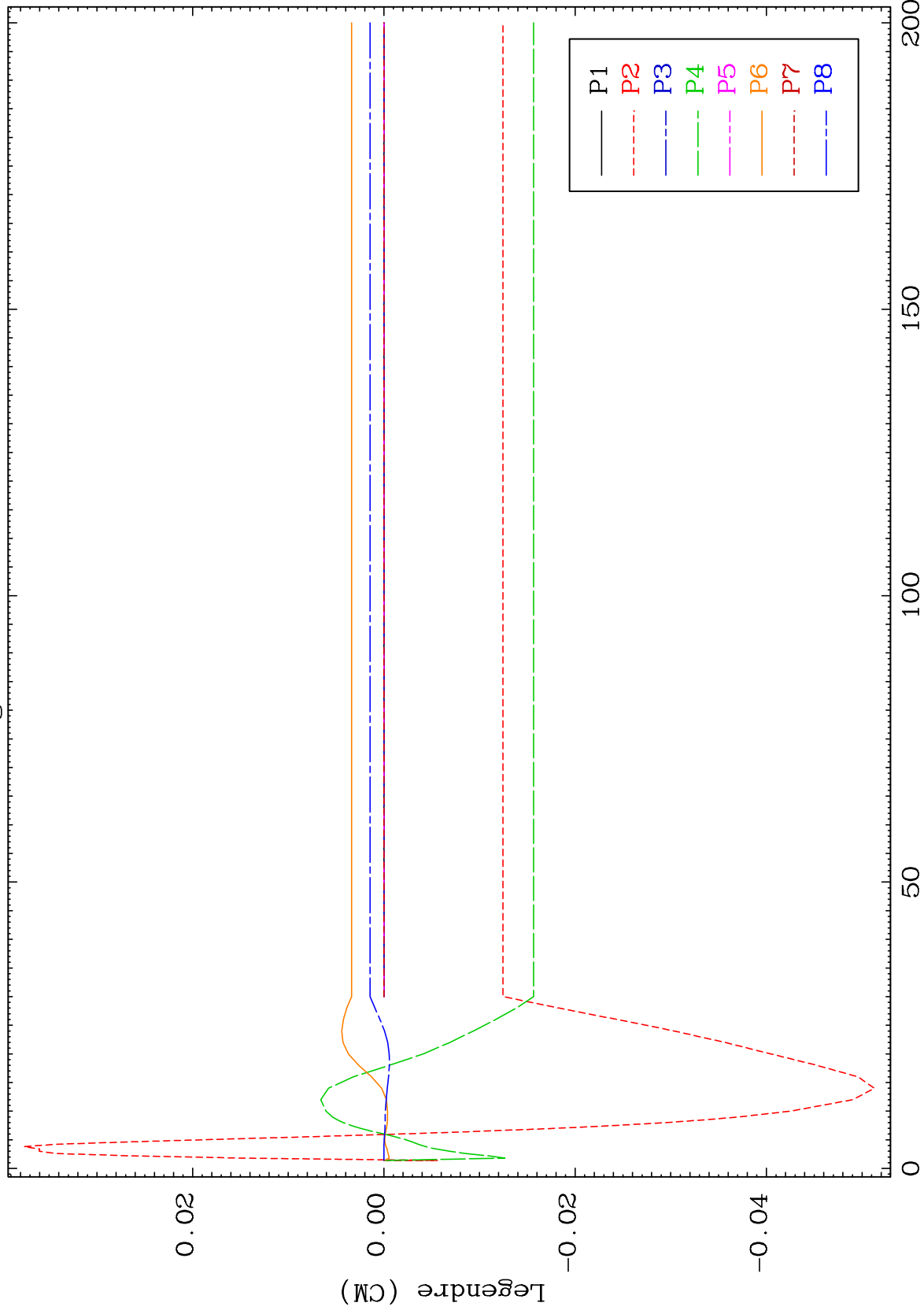
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



36

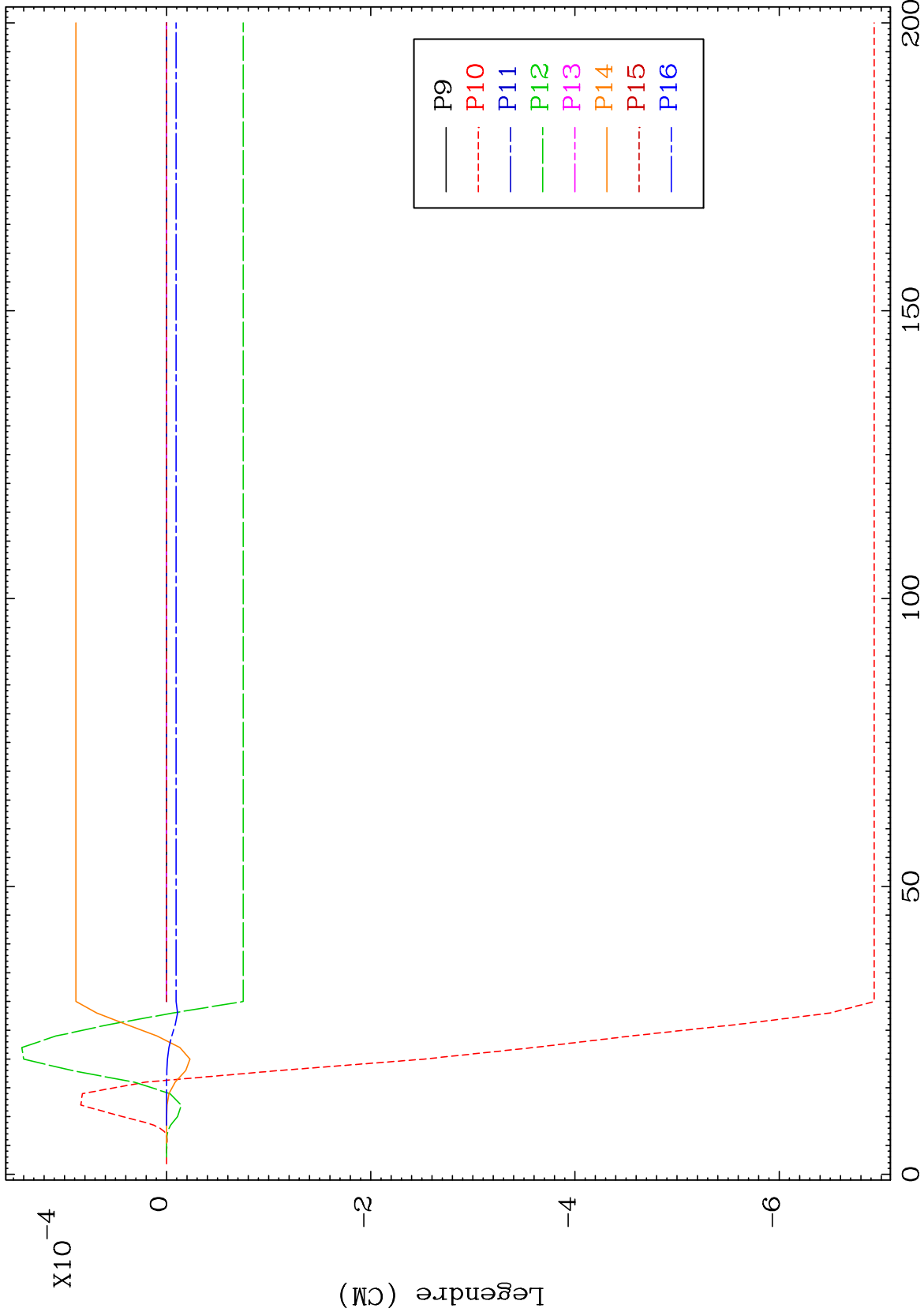
Incident Energy (MeV)

39-Y -97

MAT 3949

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

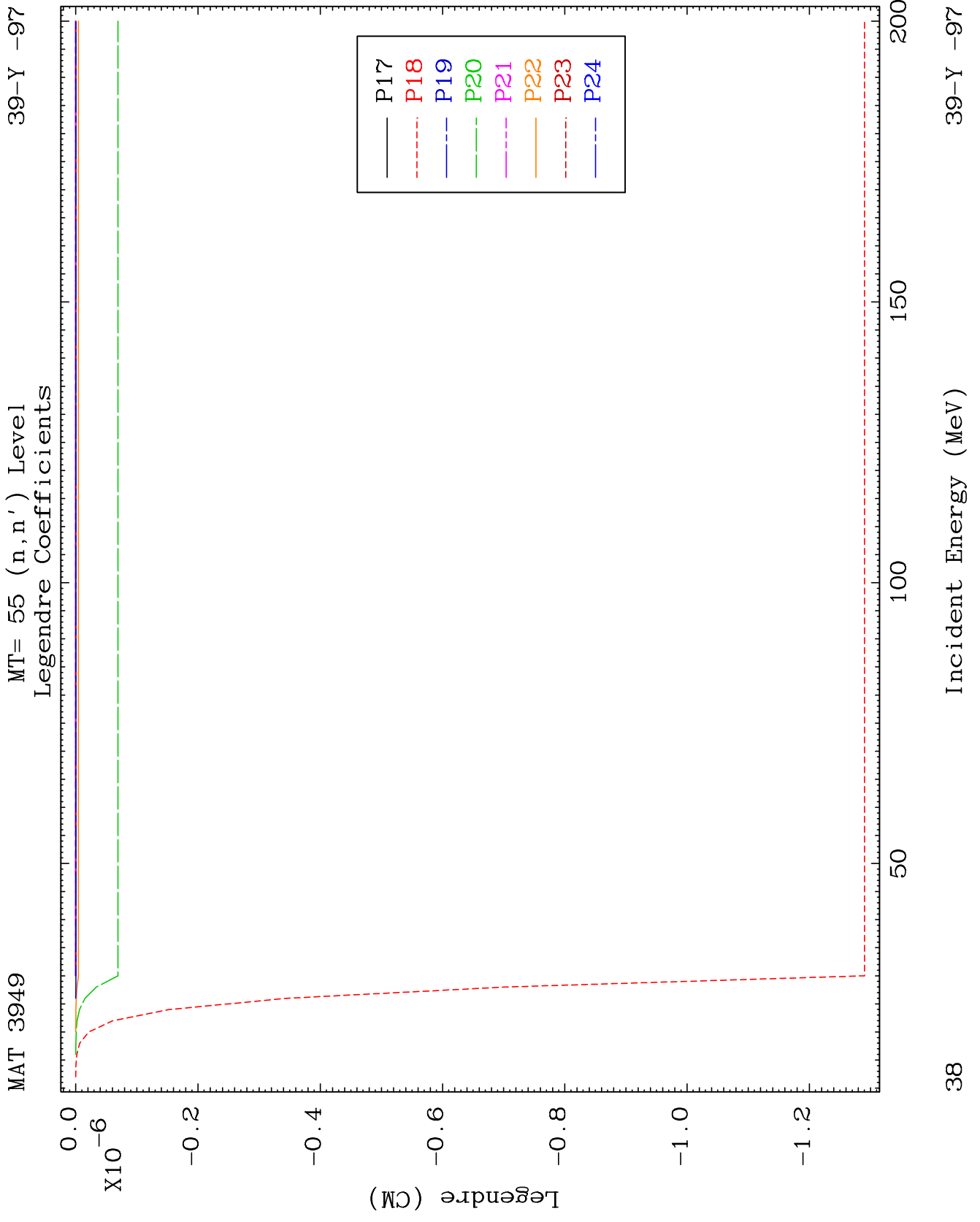
39-Y -97

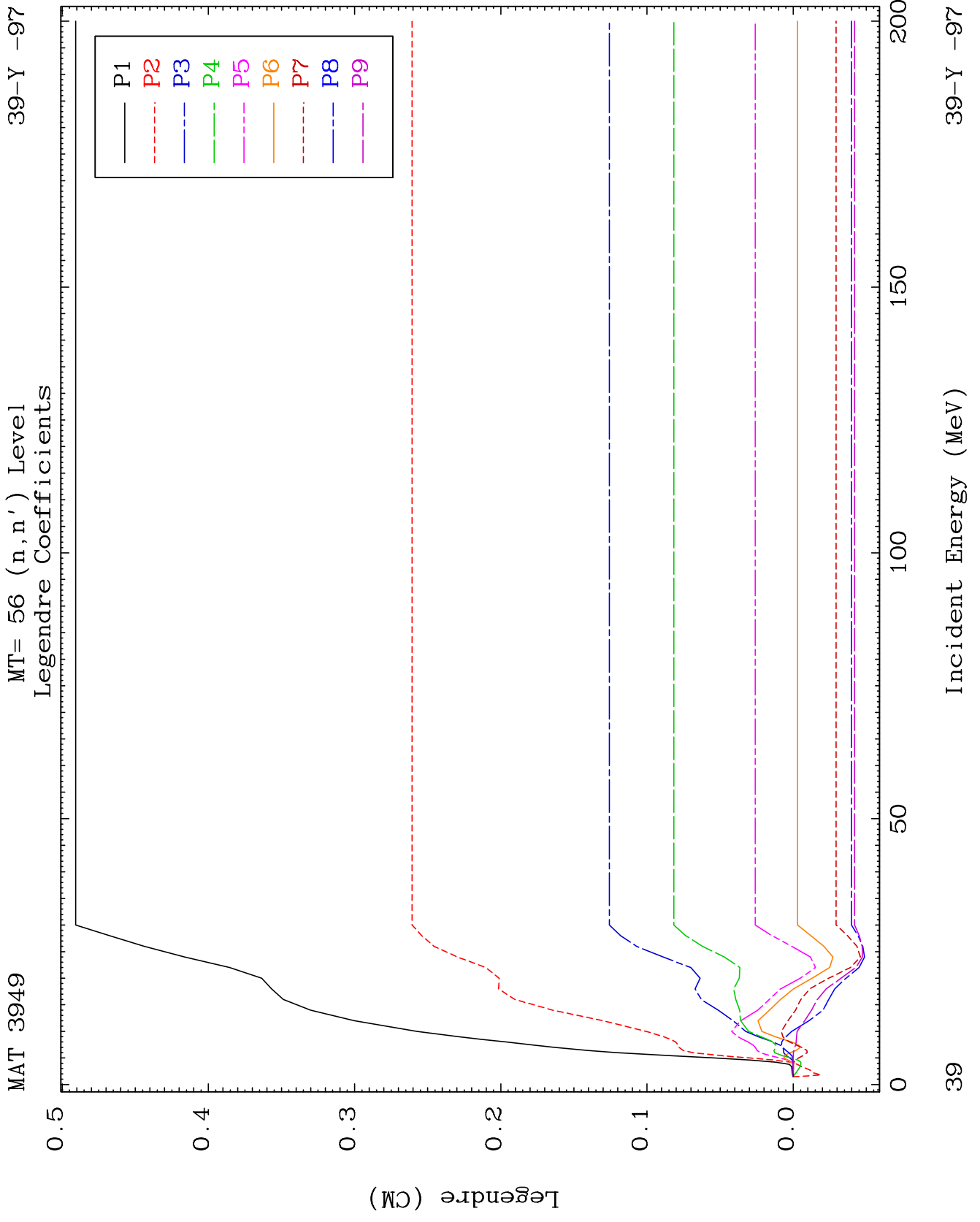


37

Incident Energy (MeV)

39-Y -97

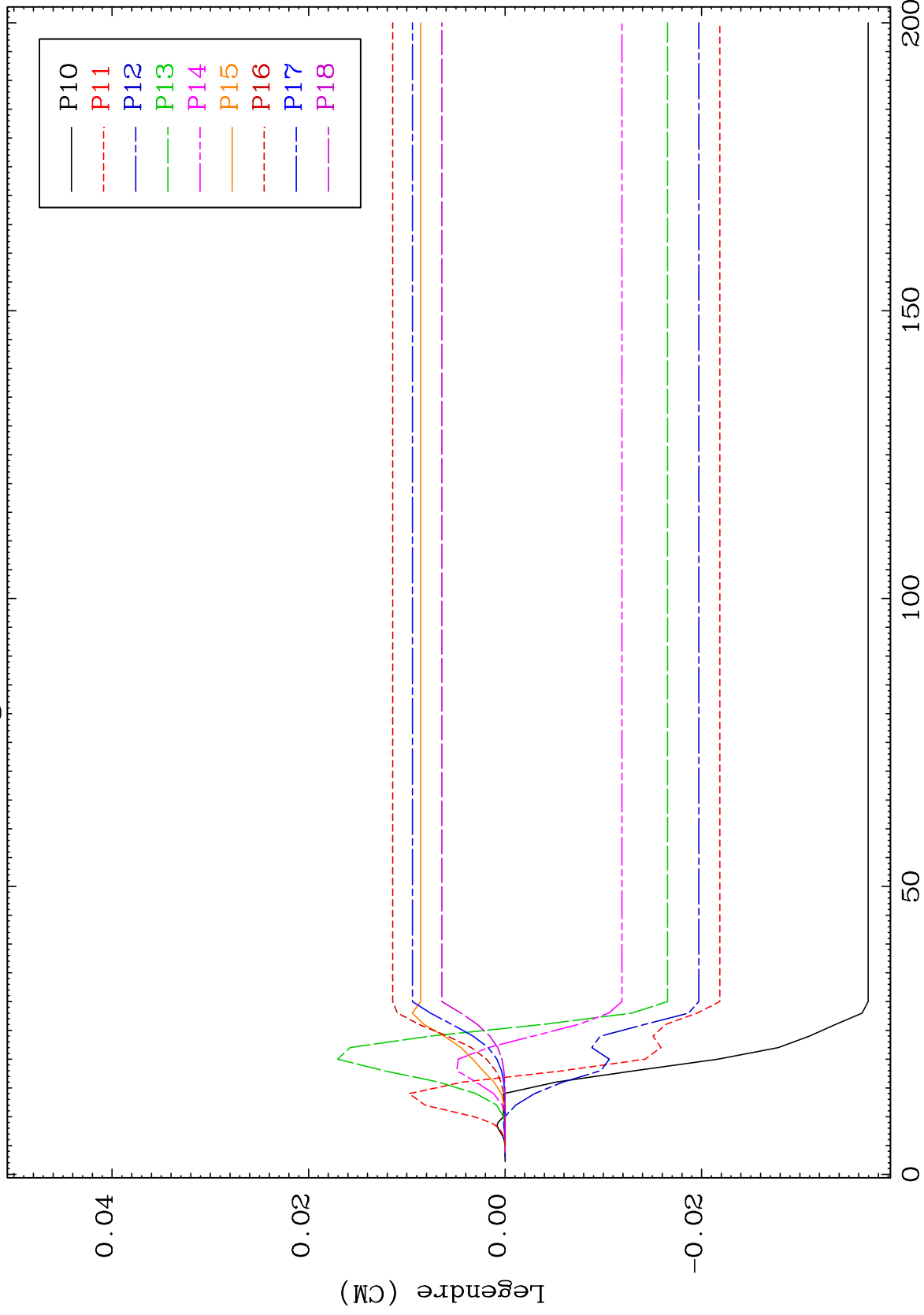




MAT 3949

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

39-Y -97



40

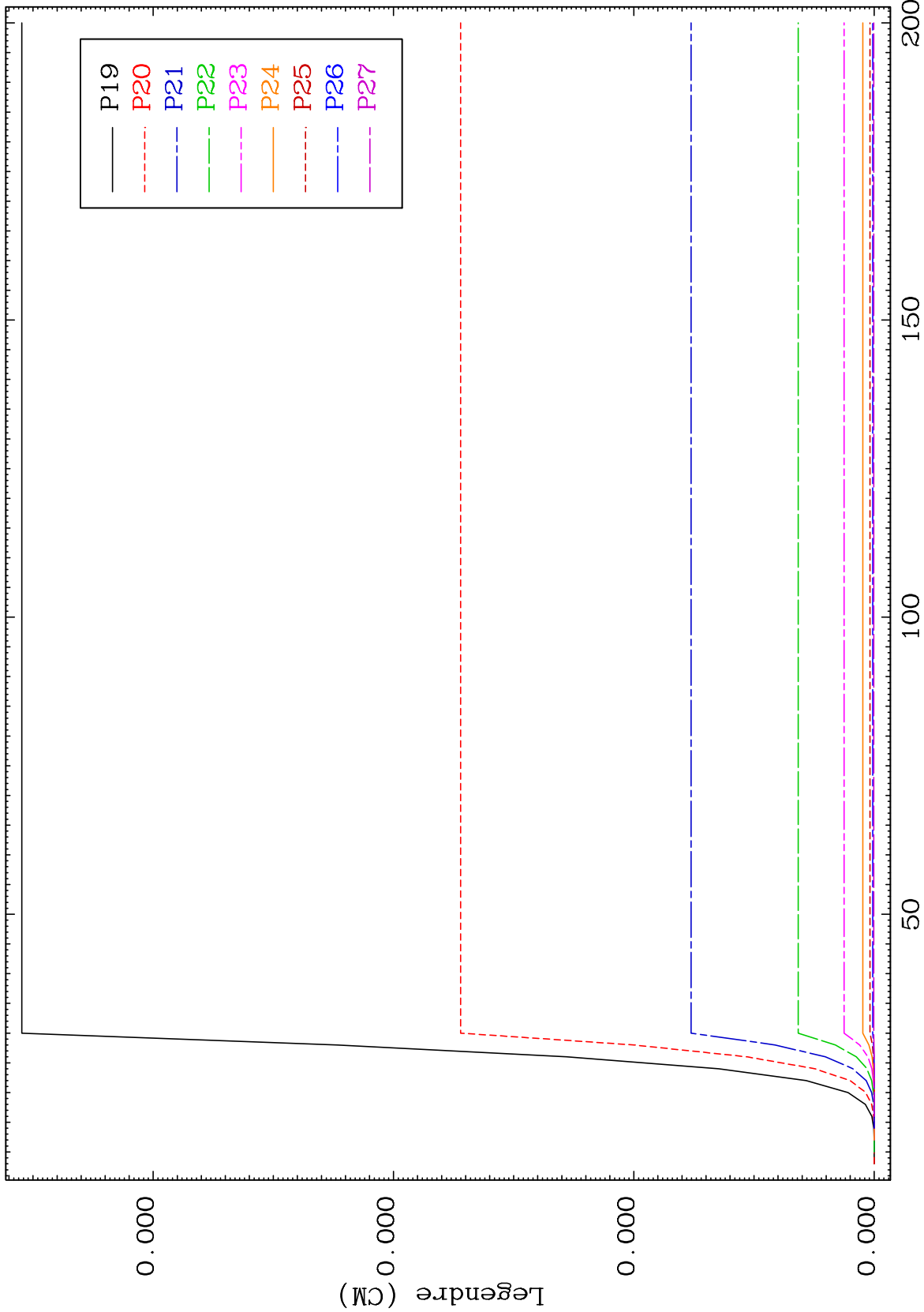
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



41

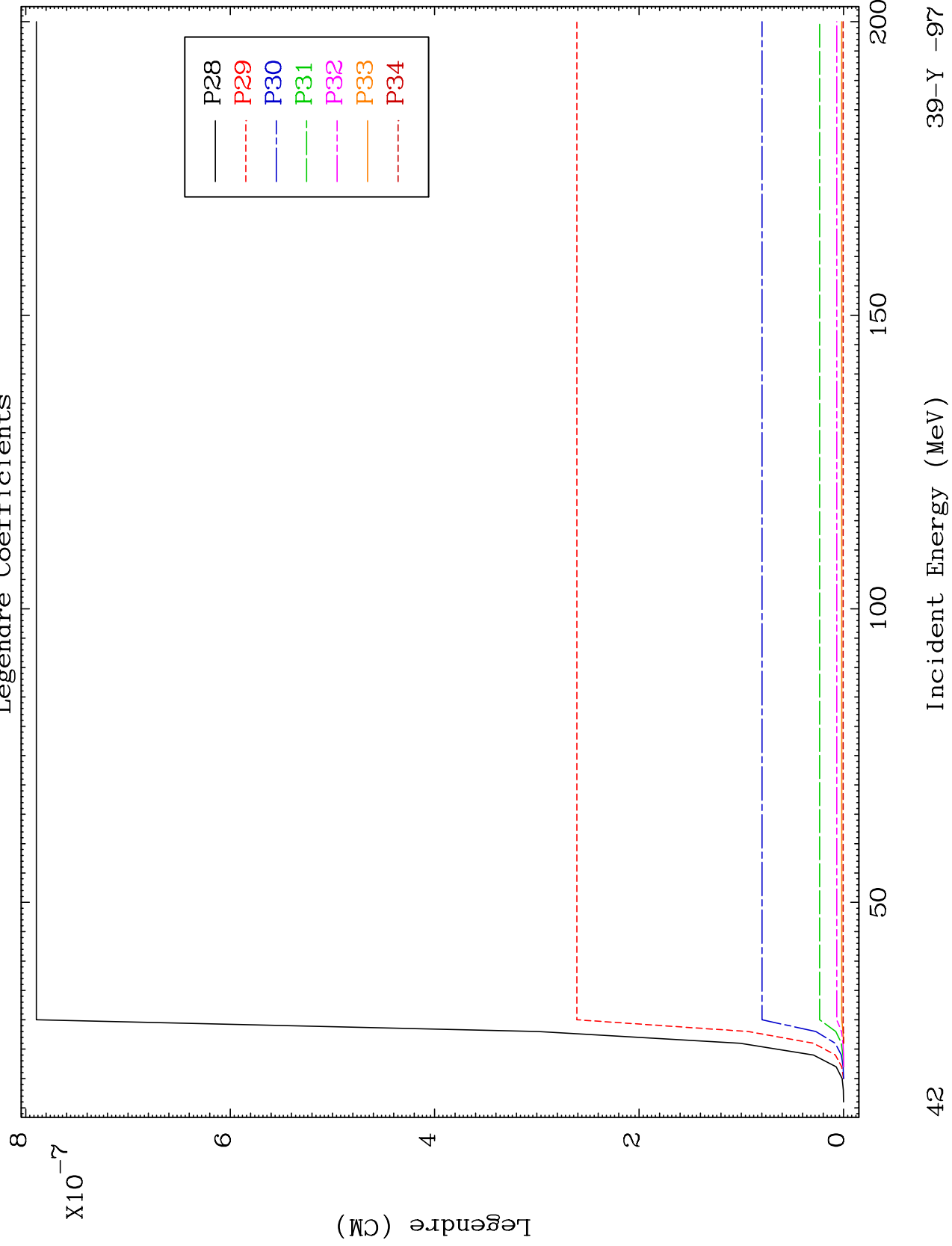
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



42

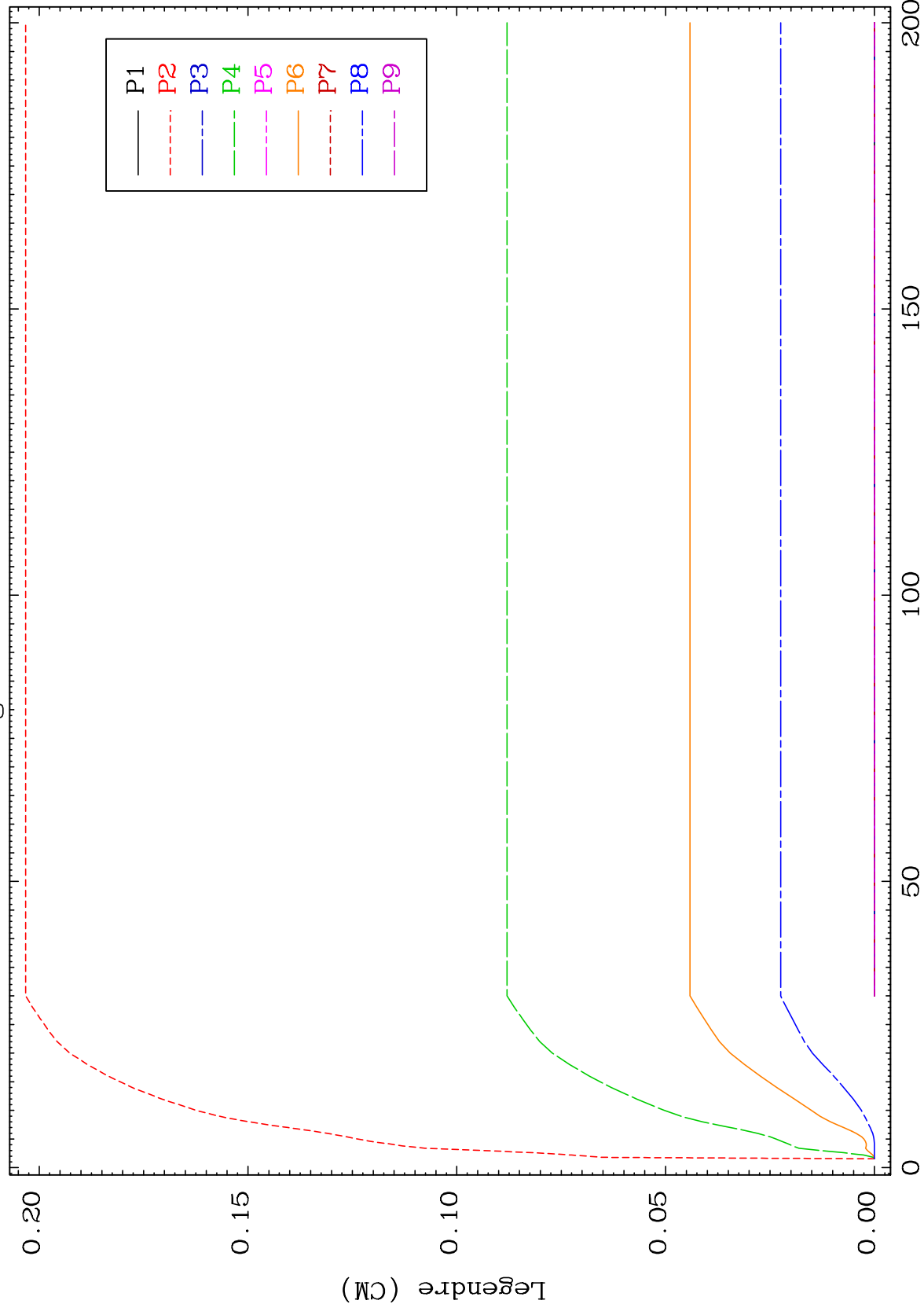
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



43

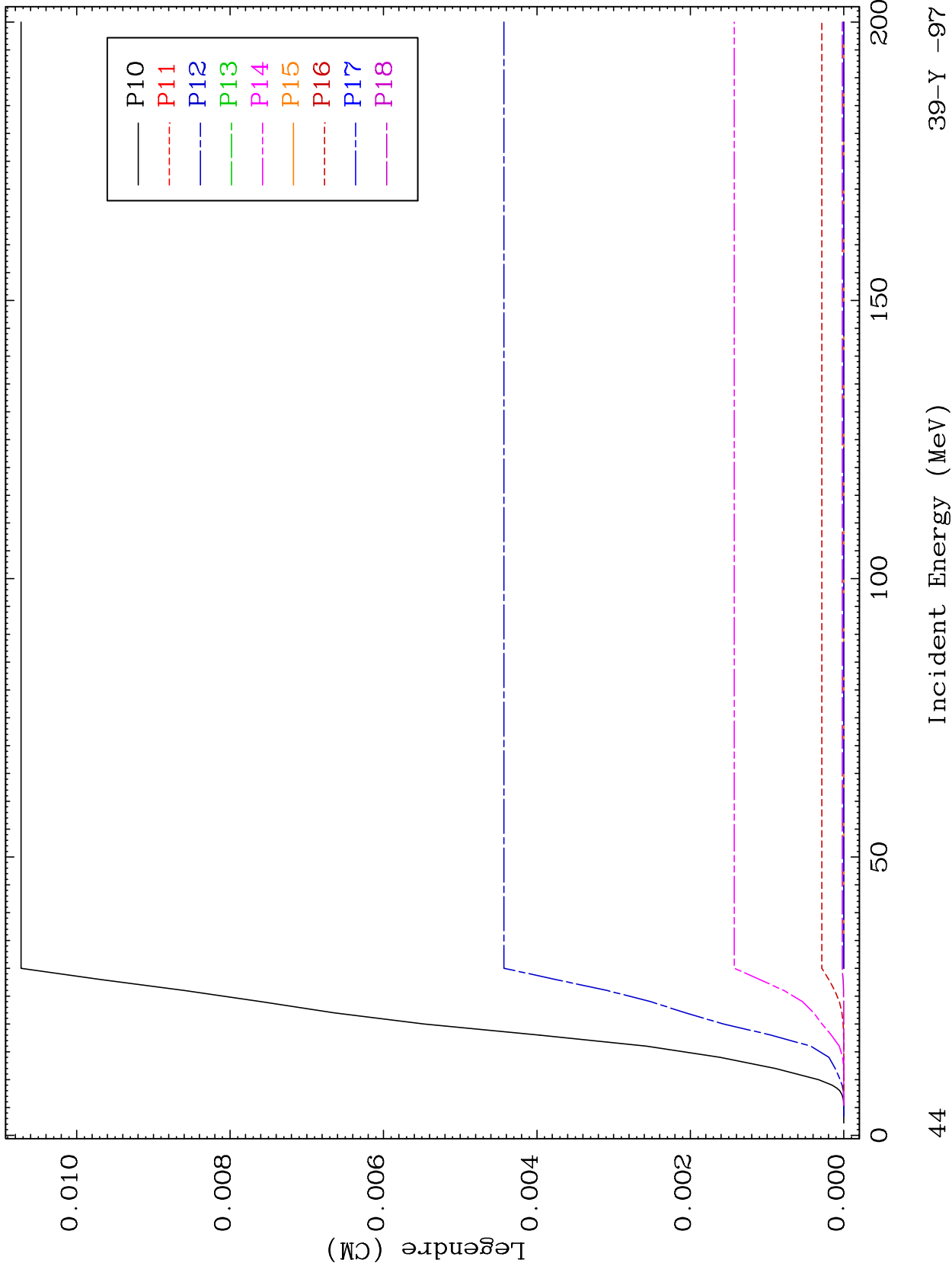
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97

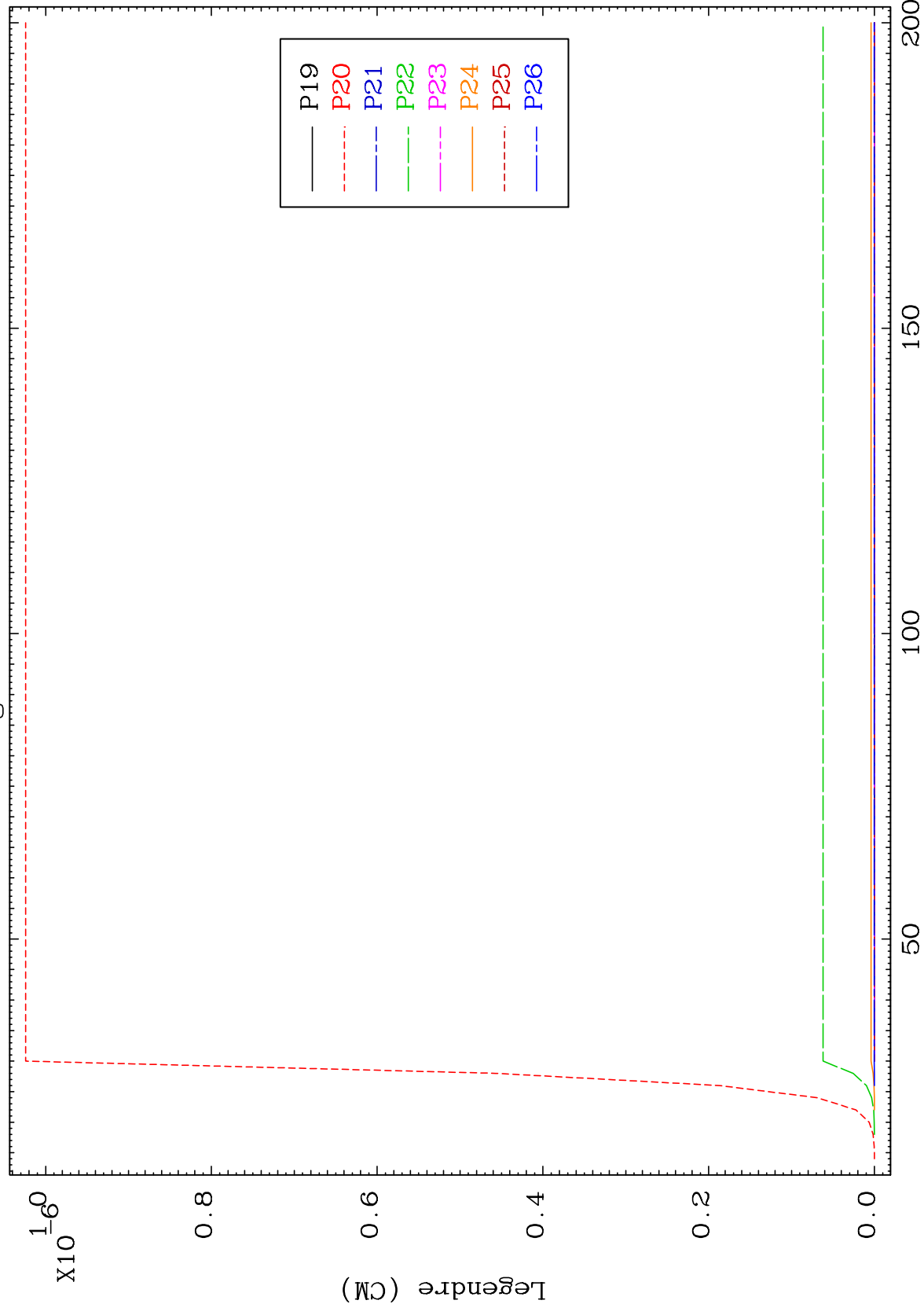


44

MAT 3949

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

39-Y -97



45

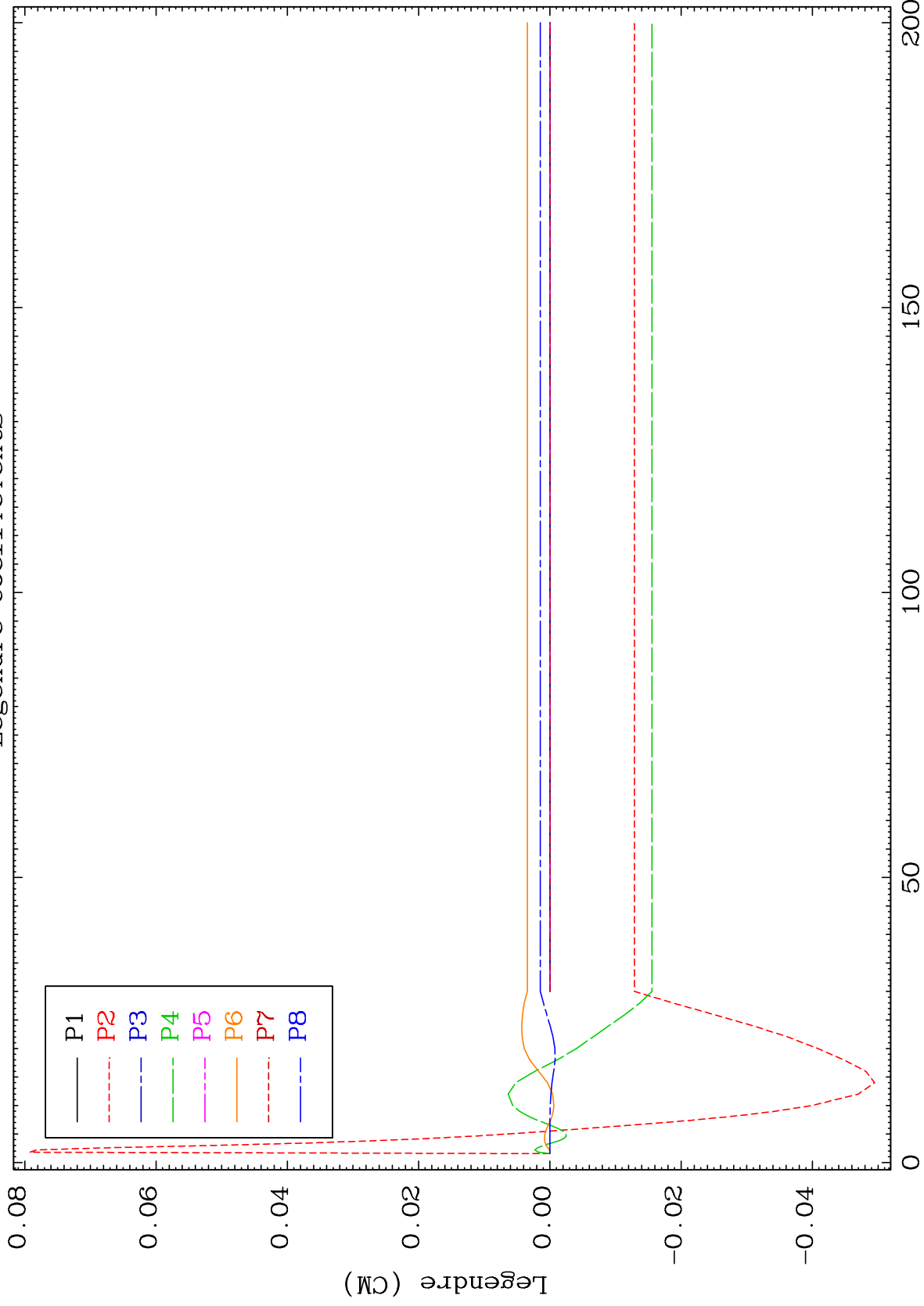
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



46

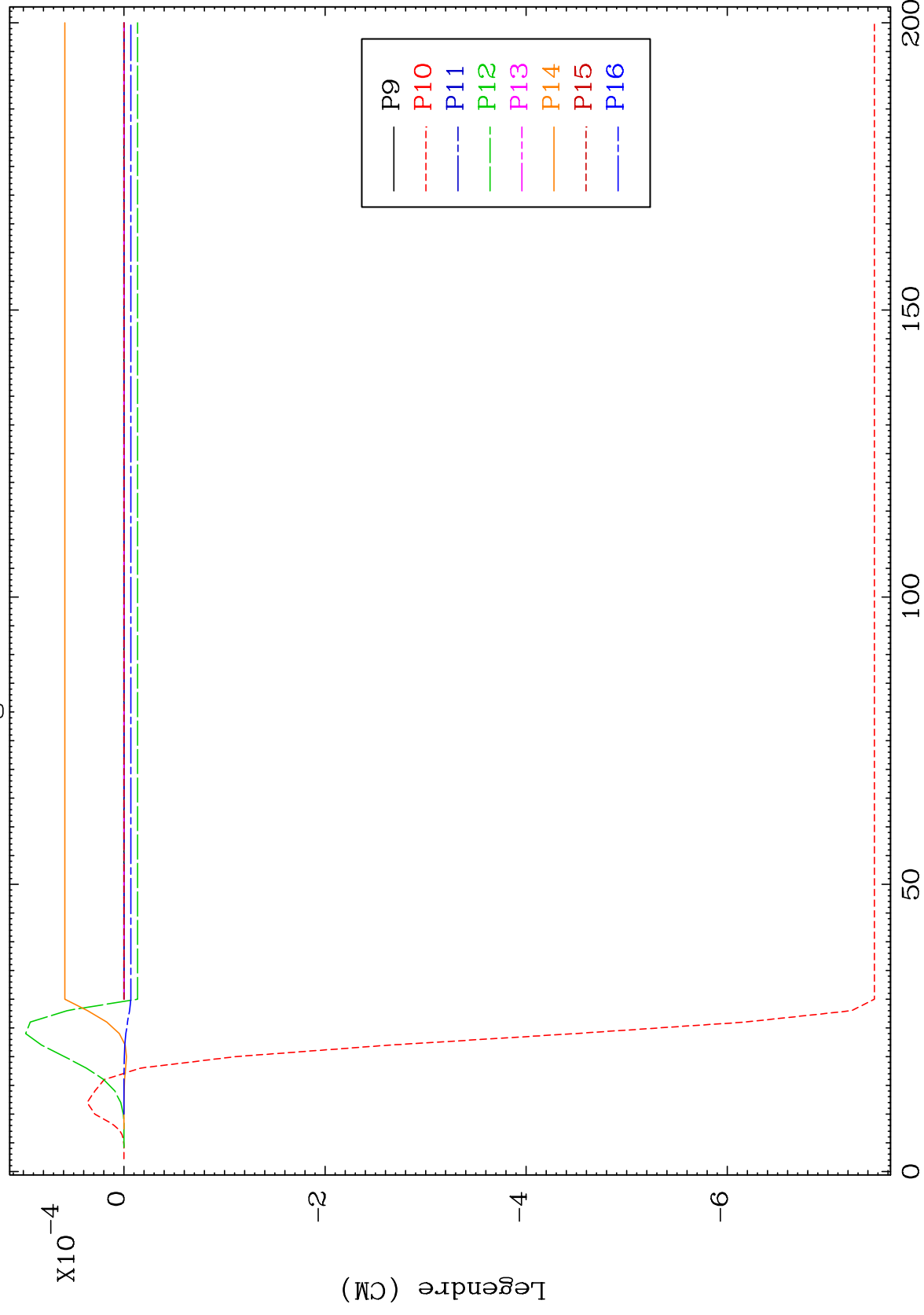
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



47

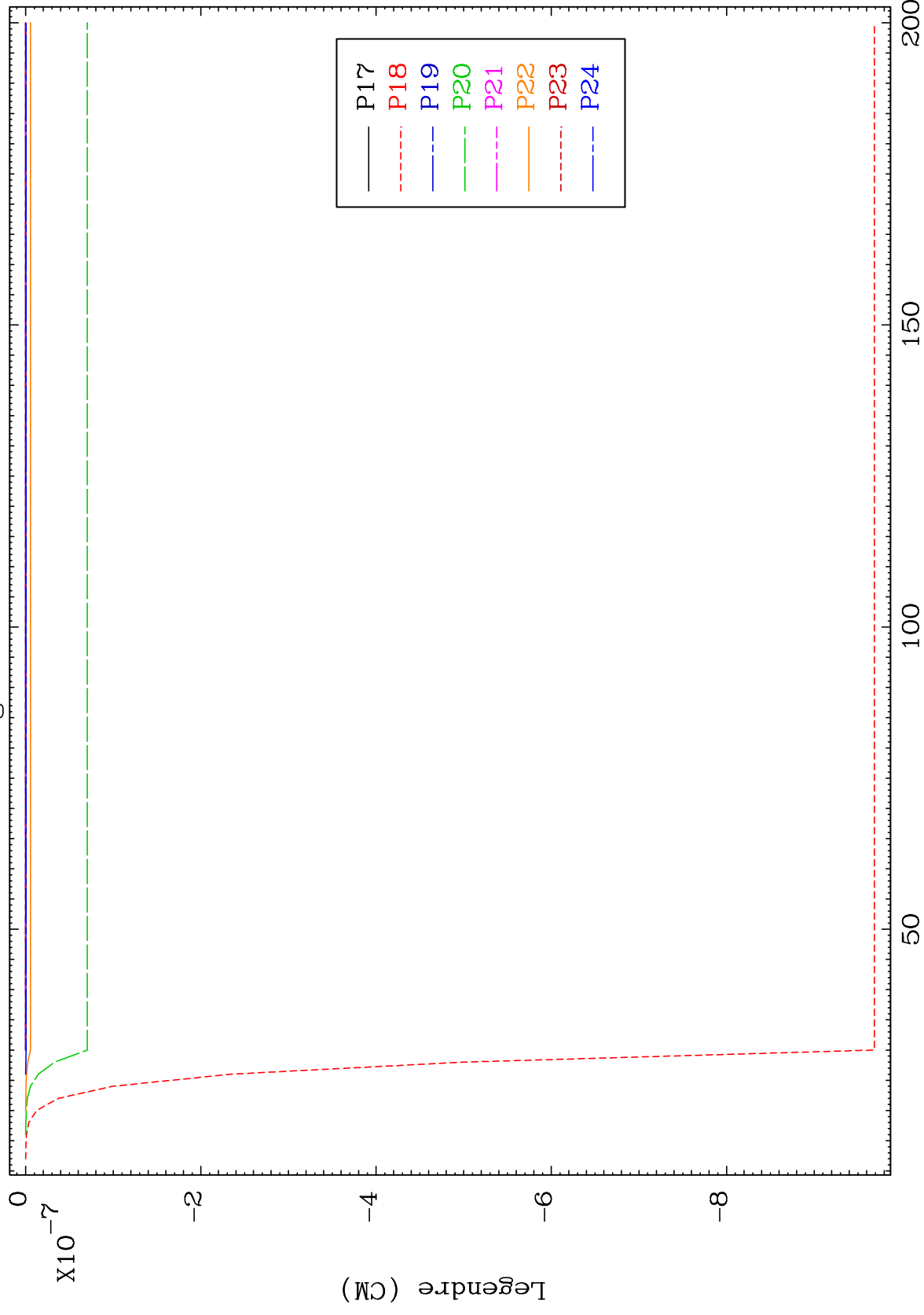
Incident Energy (MeV)

39-Y -97

MAT 3949

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

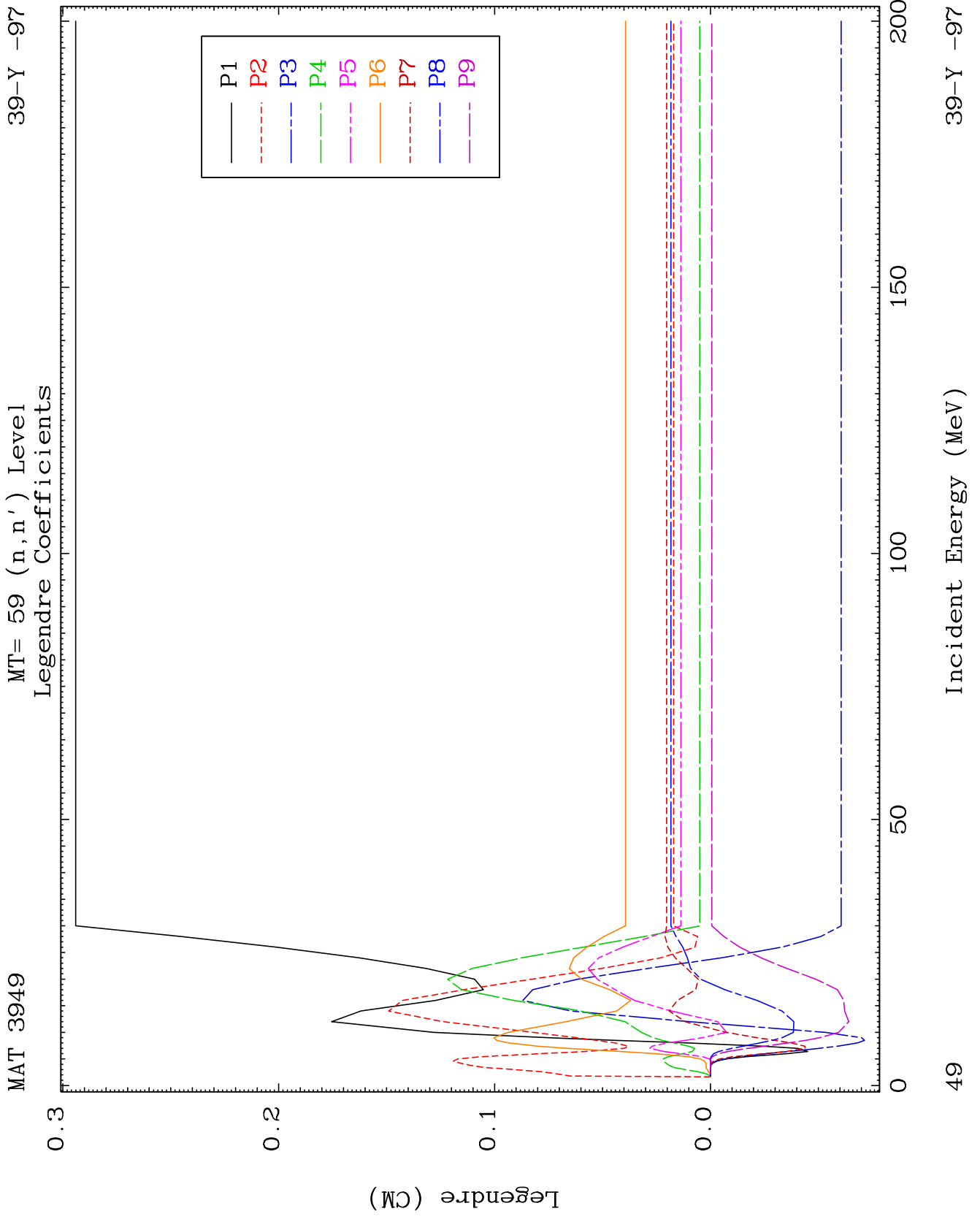
39-Y -97



48

Incident Energy (MeV)

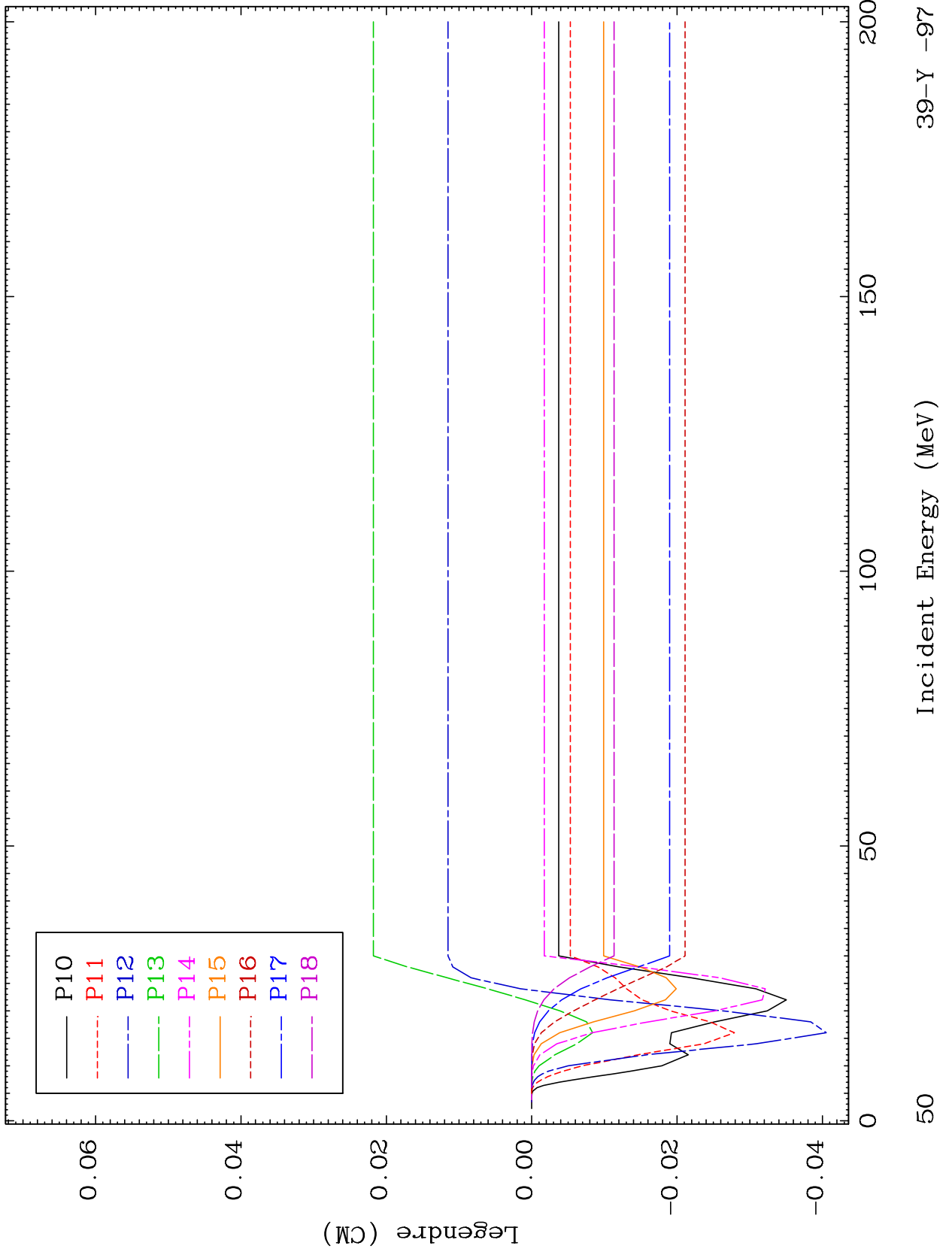
39-Y -97

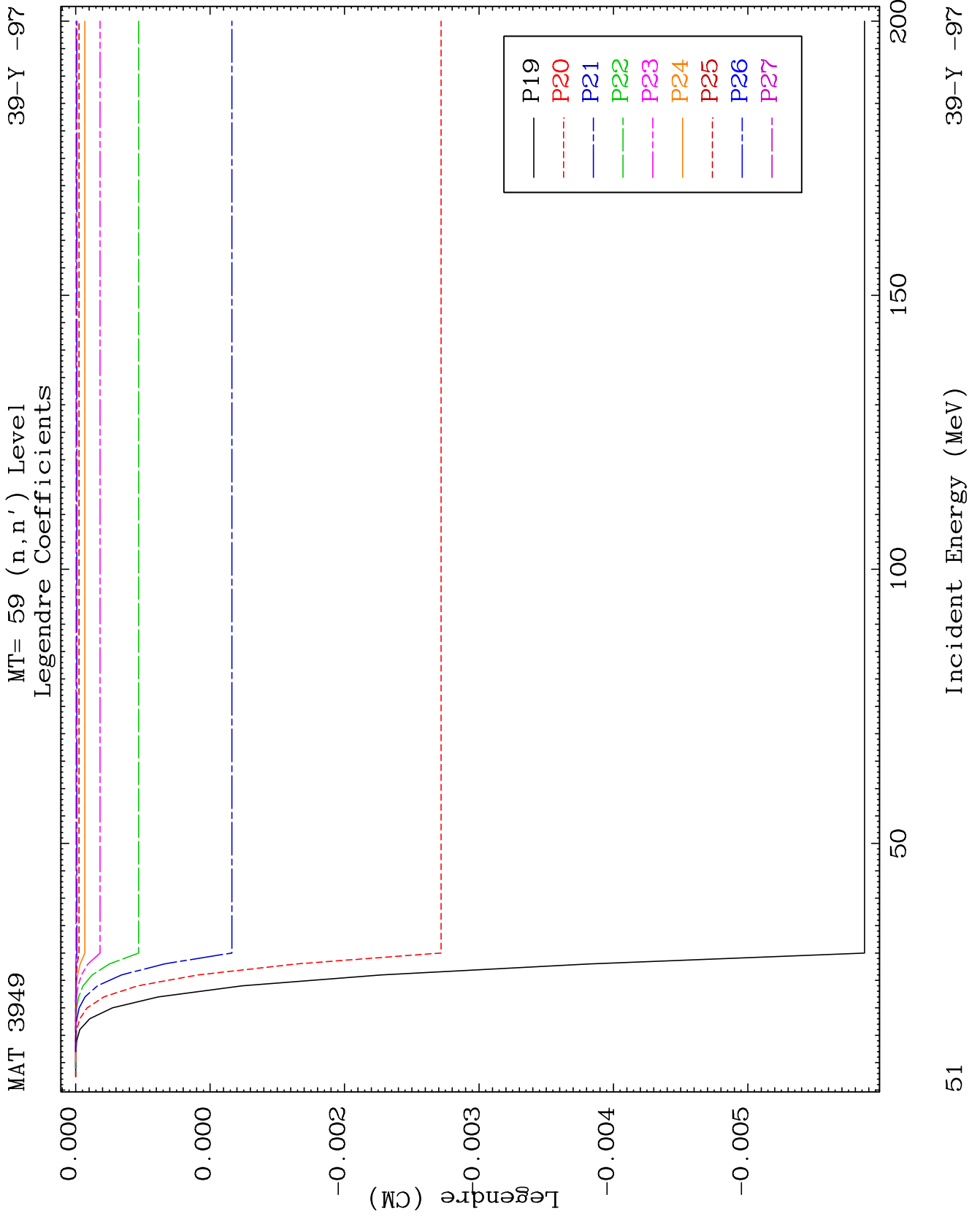


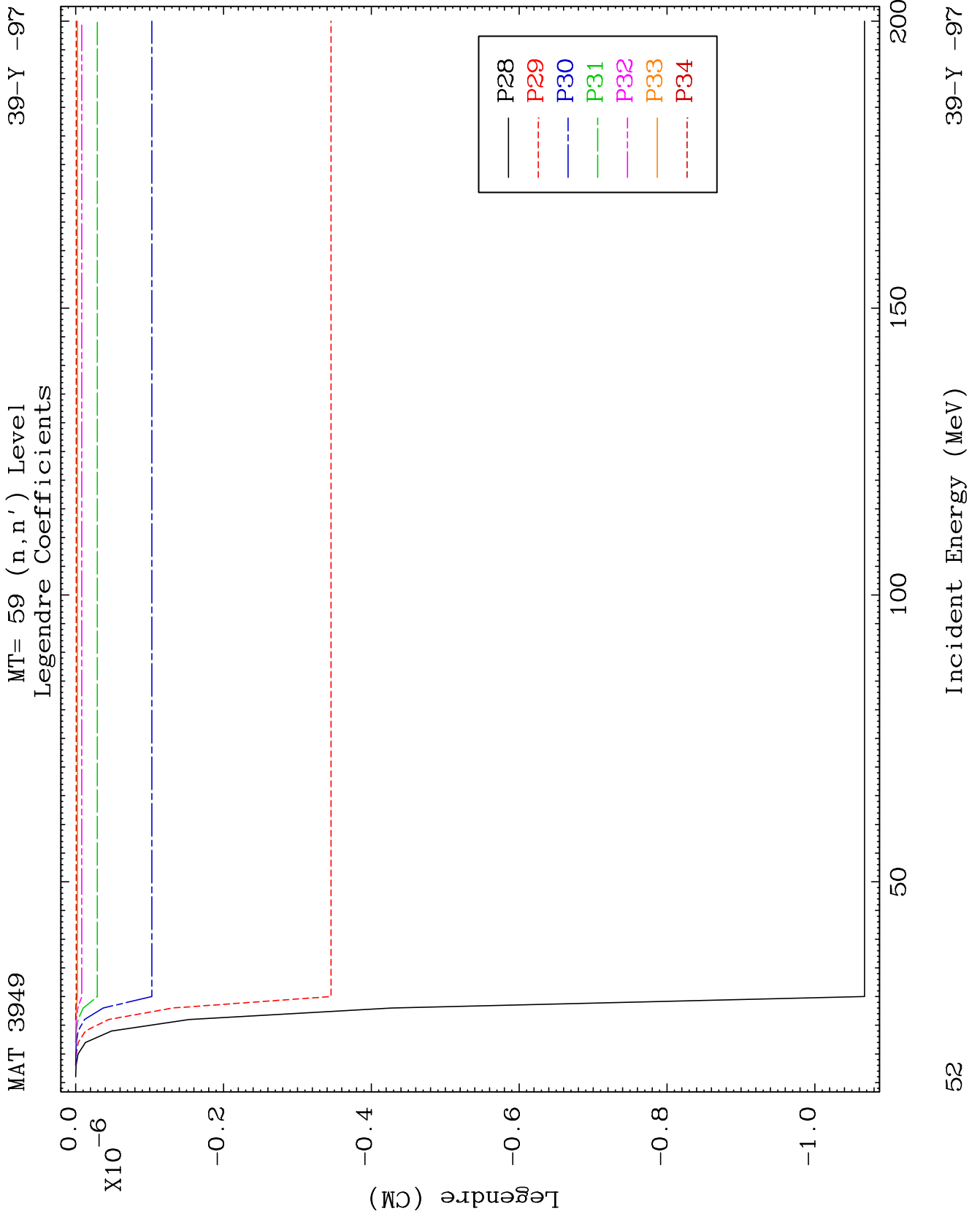
MAT 3949

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

39-Y -97



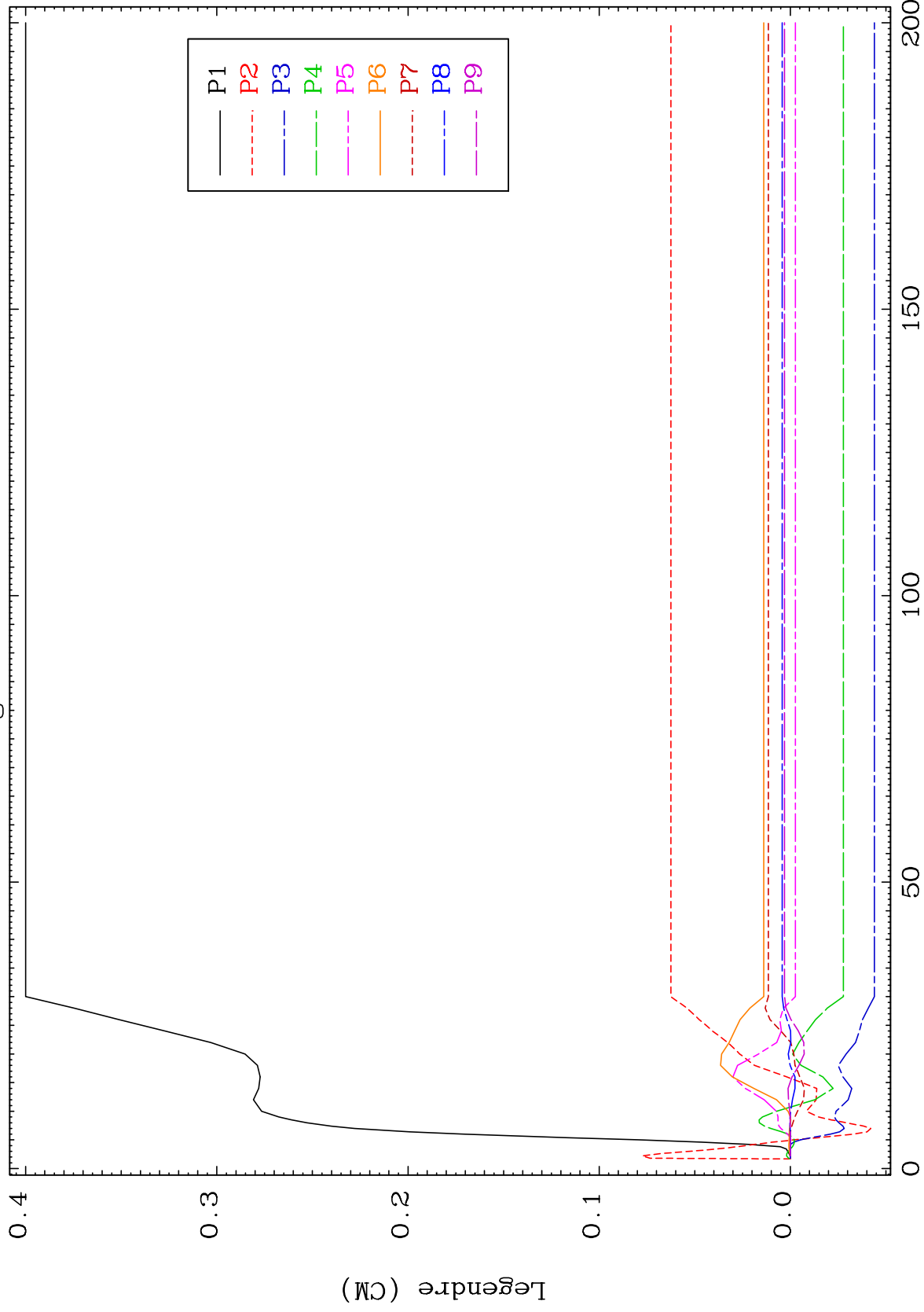




MAT 3949

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

39-Y -97



53

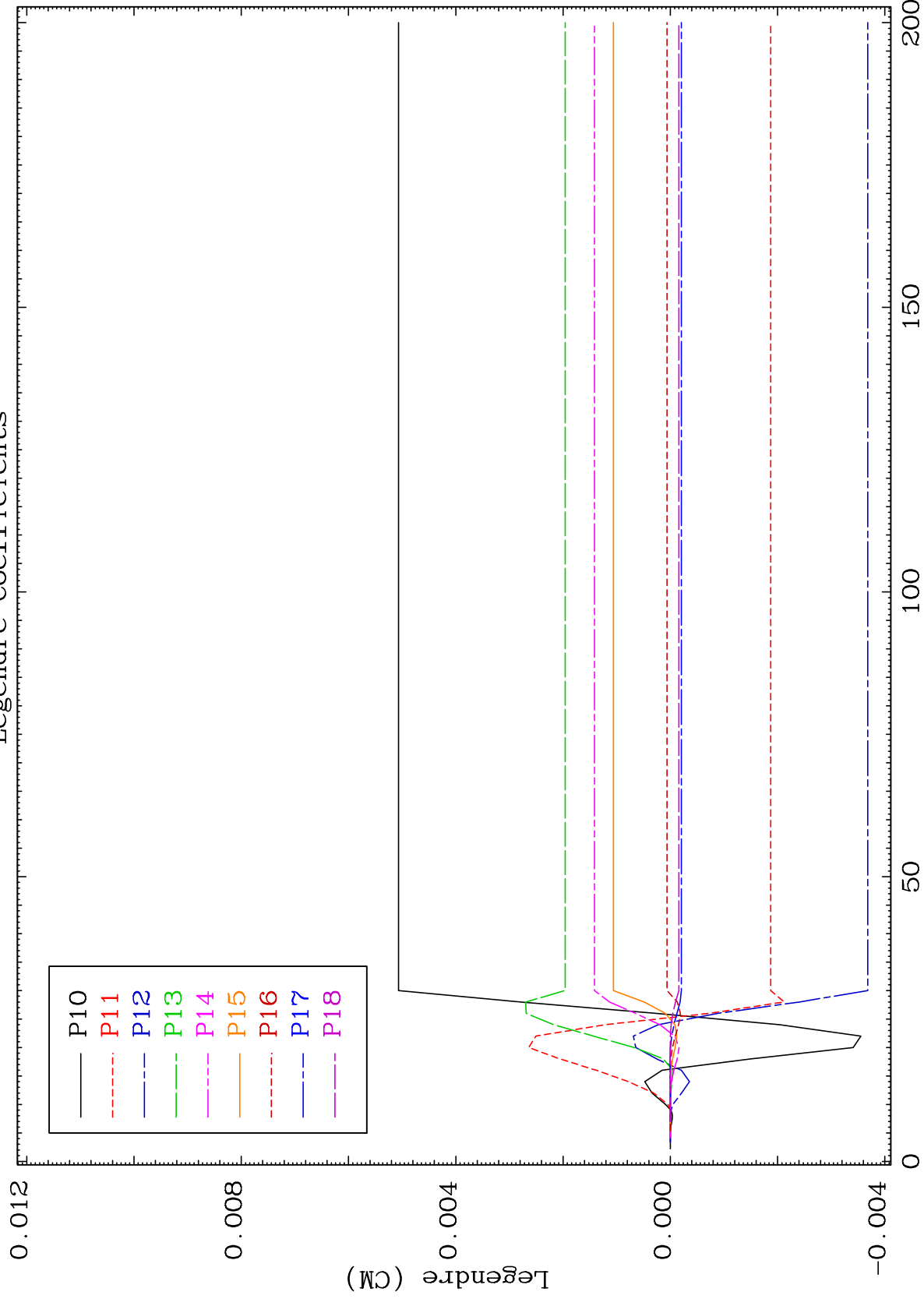
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



54

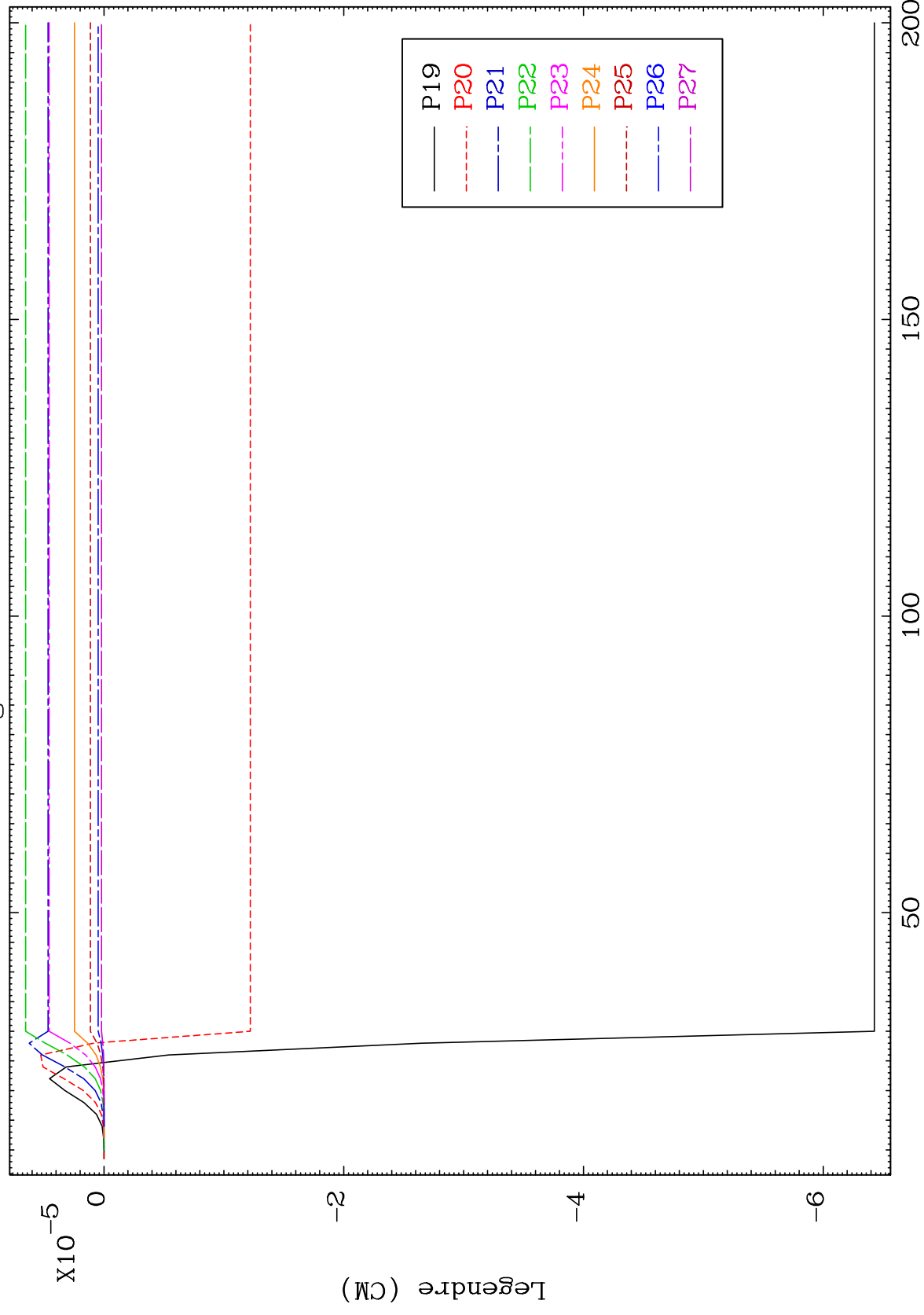
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



55

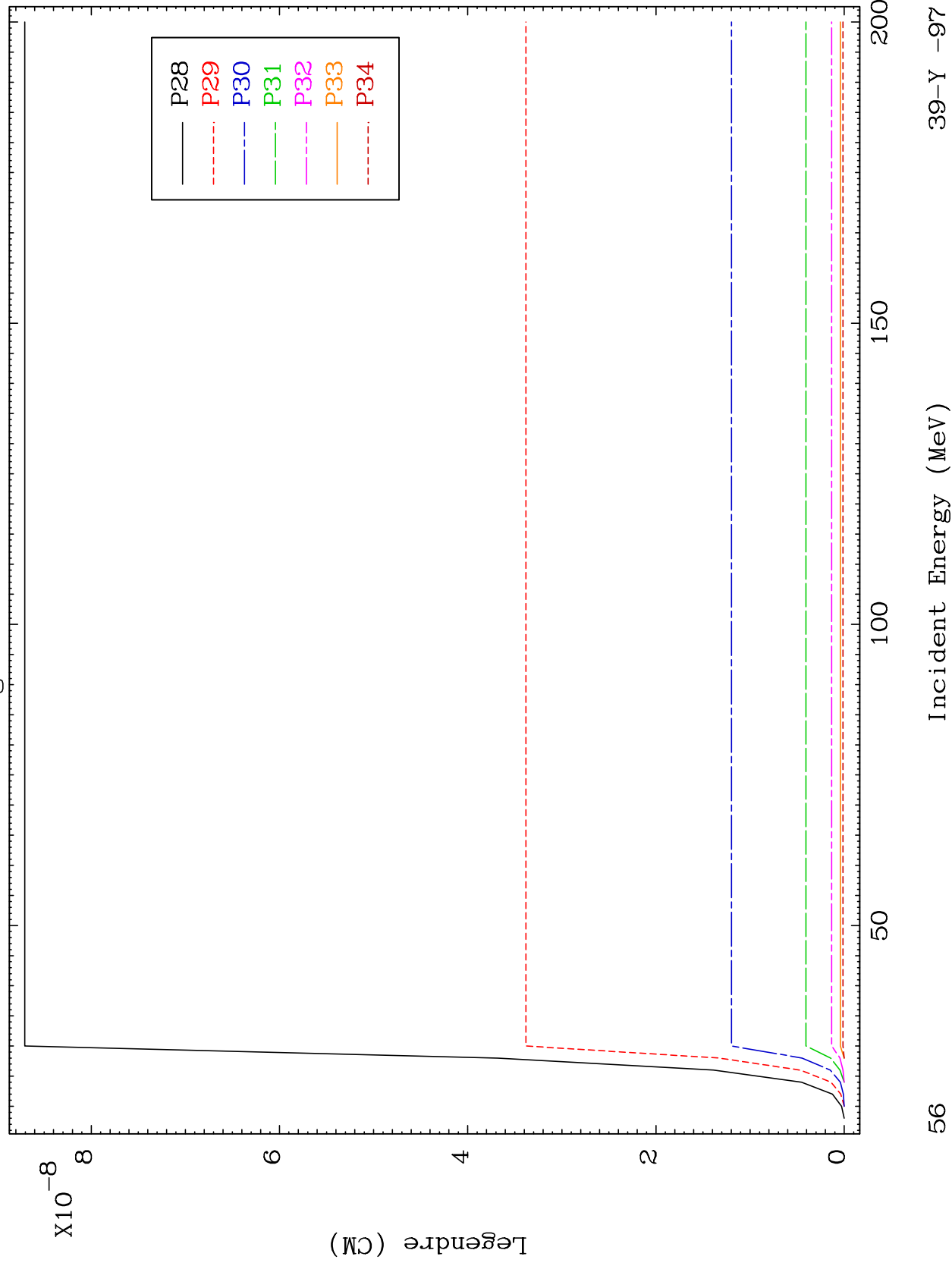
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



56

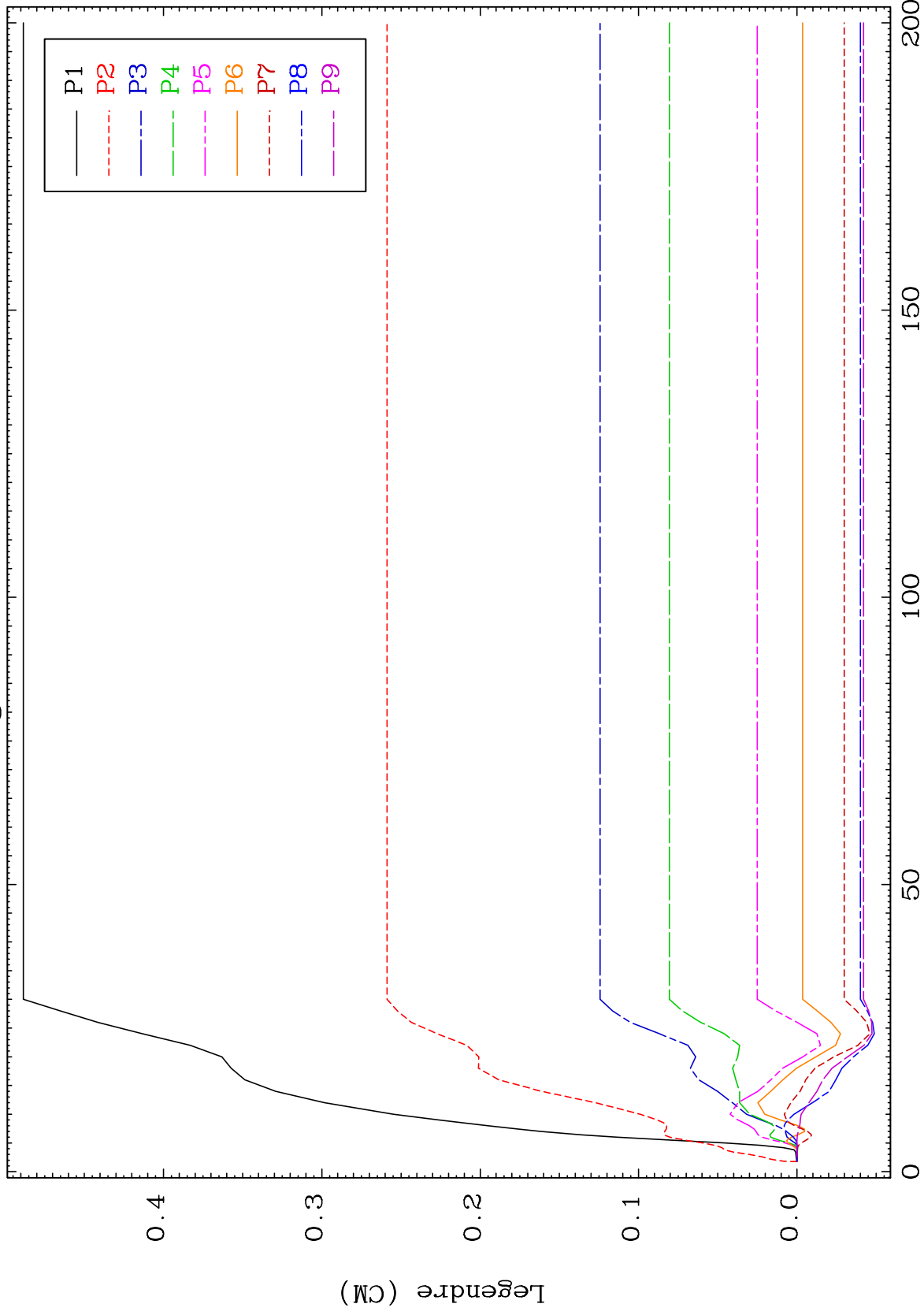
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



57

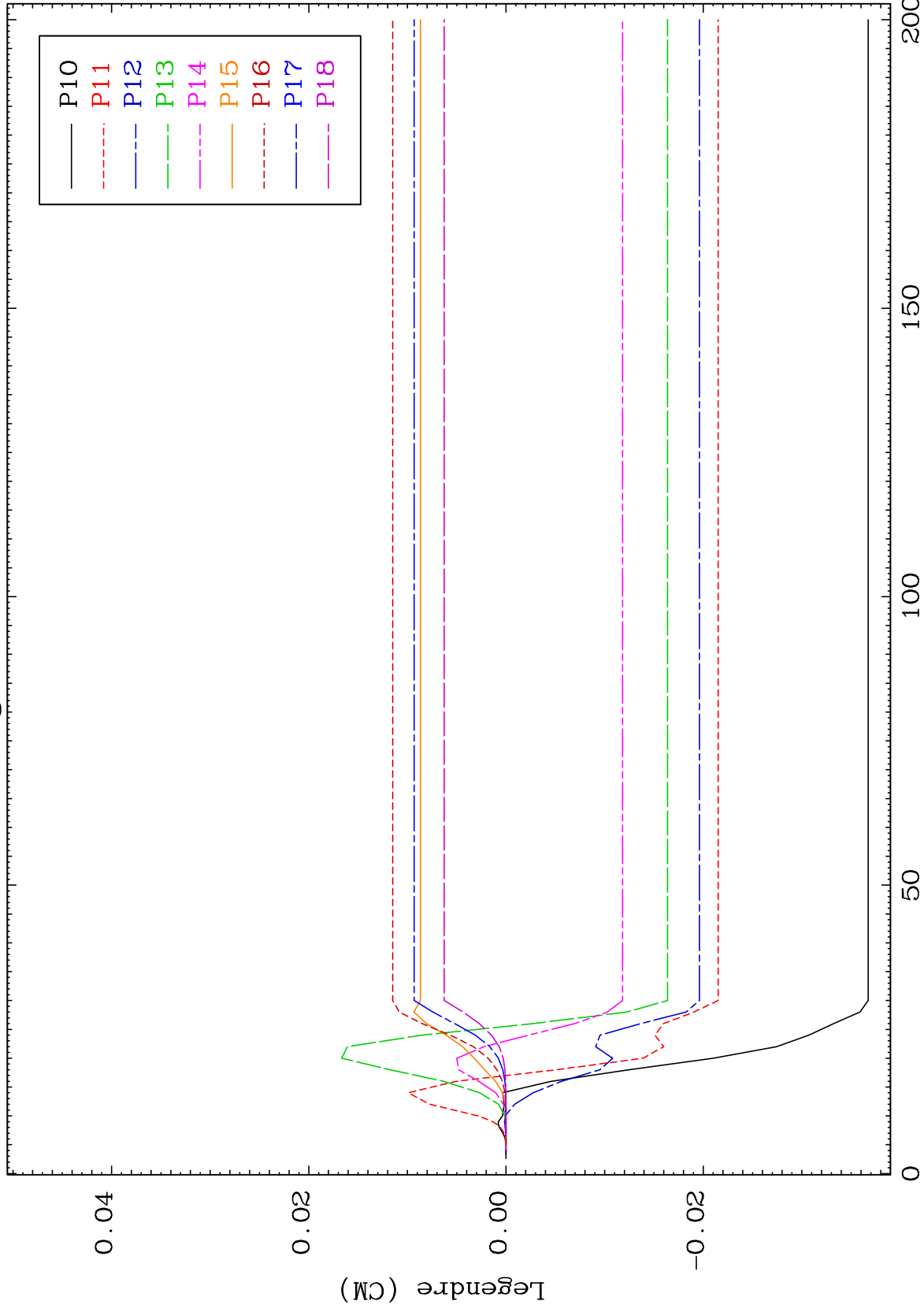
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



58

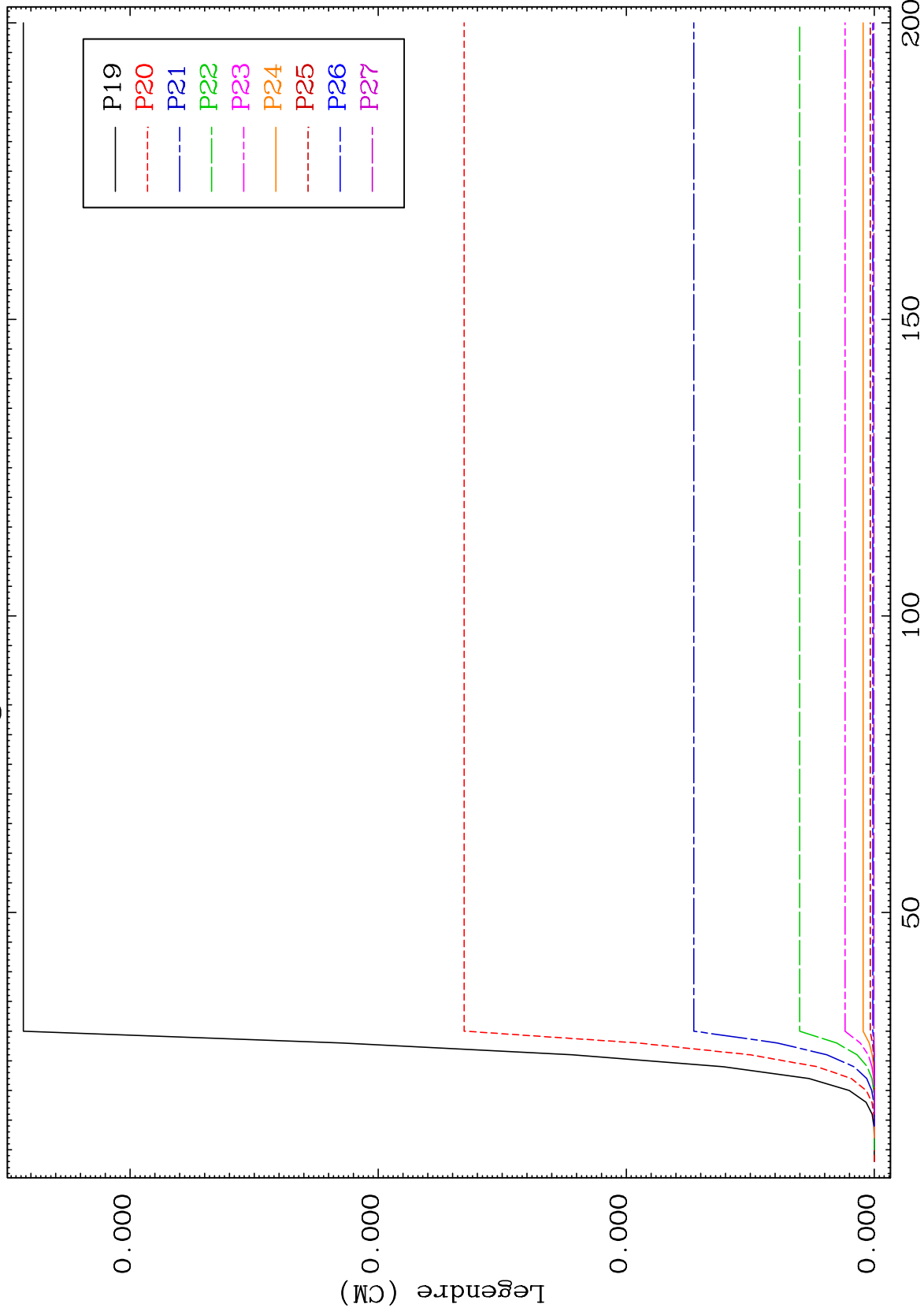
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



59

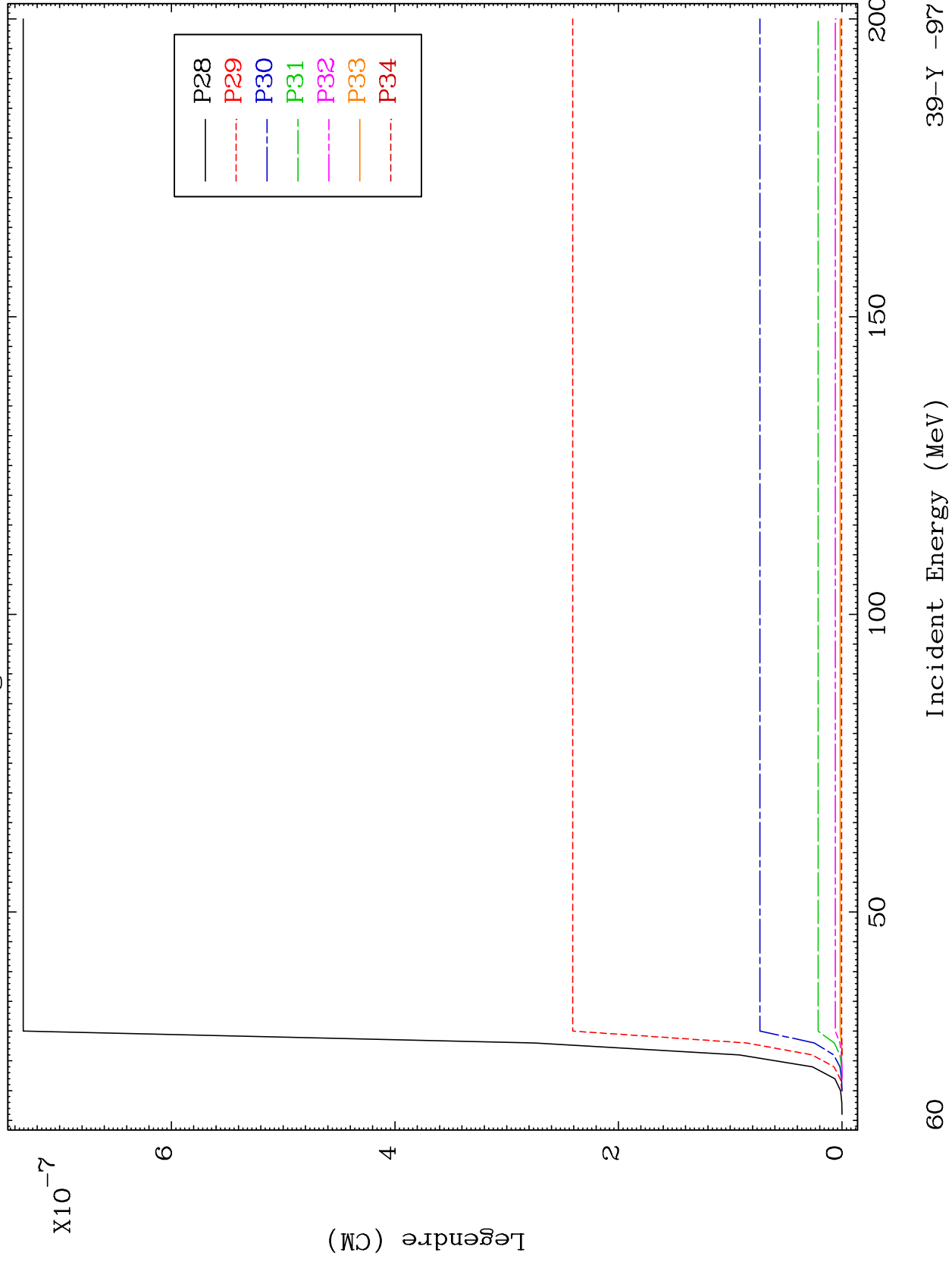
Incident Energy (MeV)

39-Y -97

MAT 3949

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

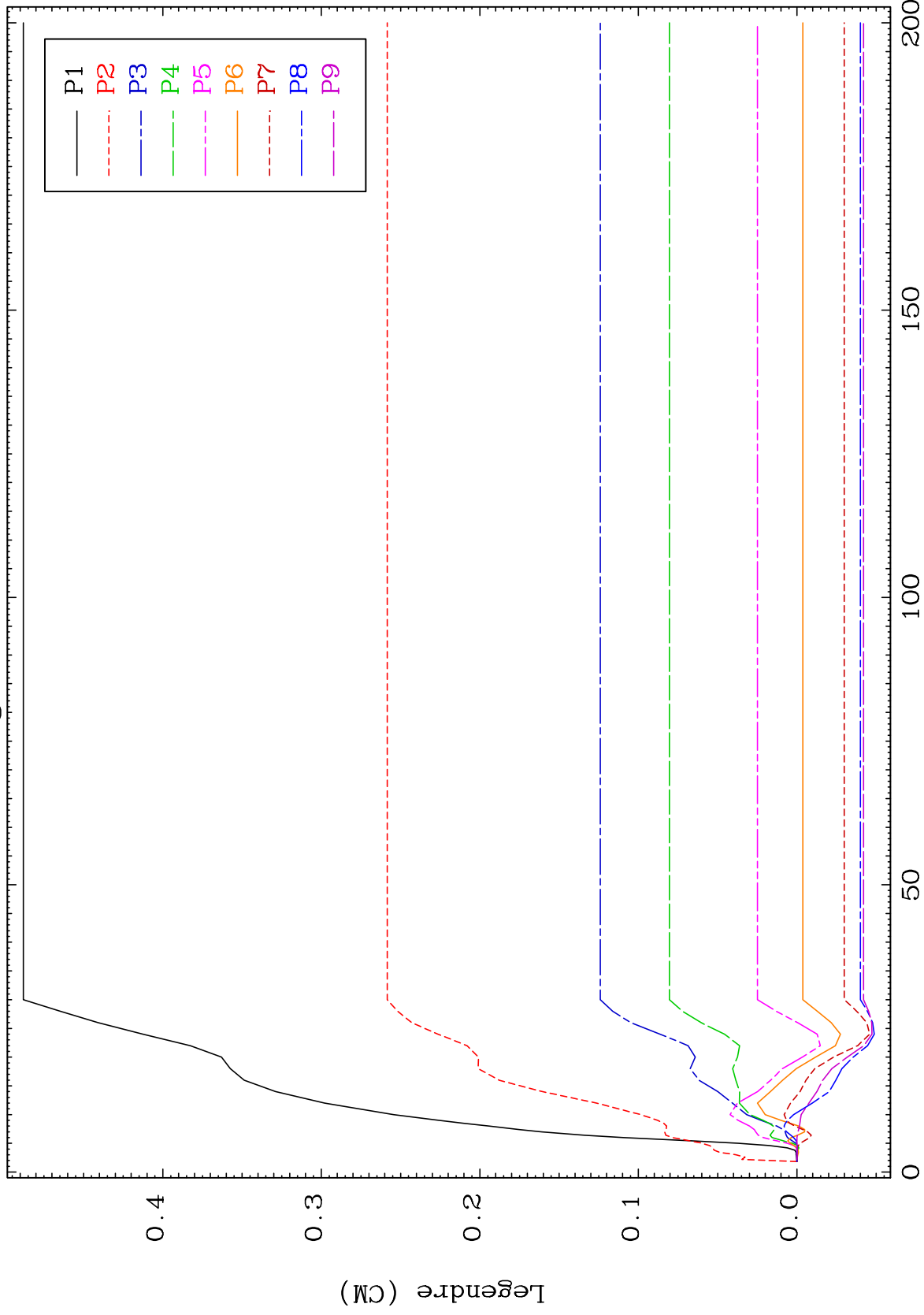
39-Y -97



MAT 3949

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

39-Y -97



61

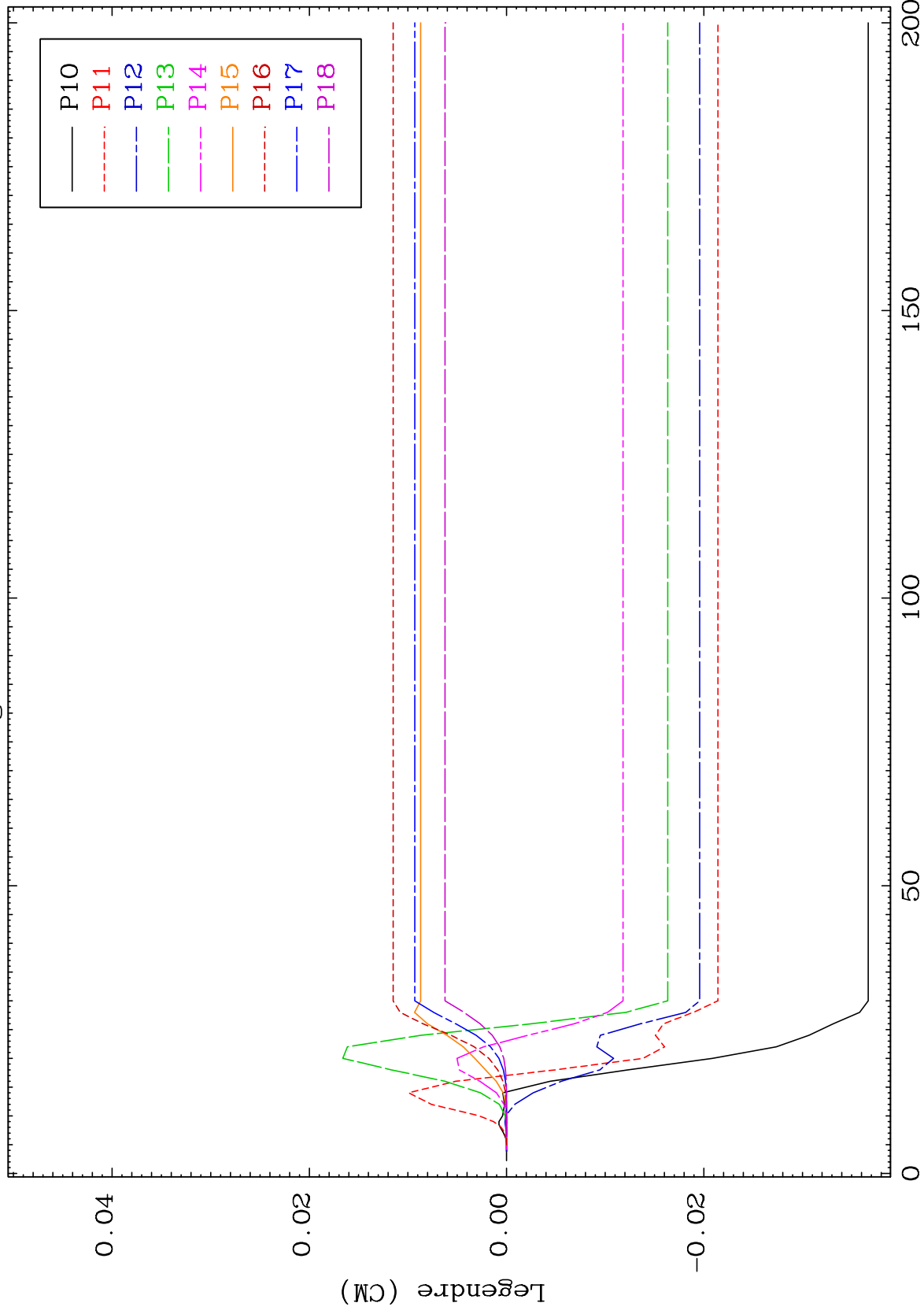
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



62

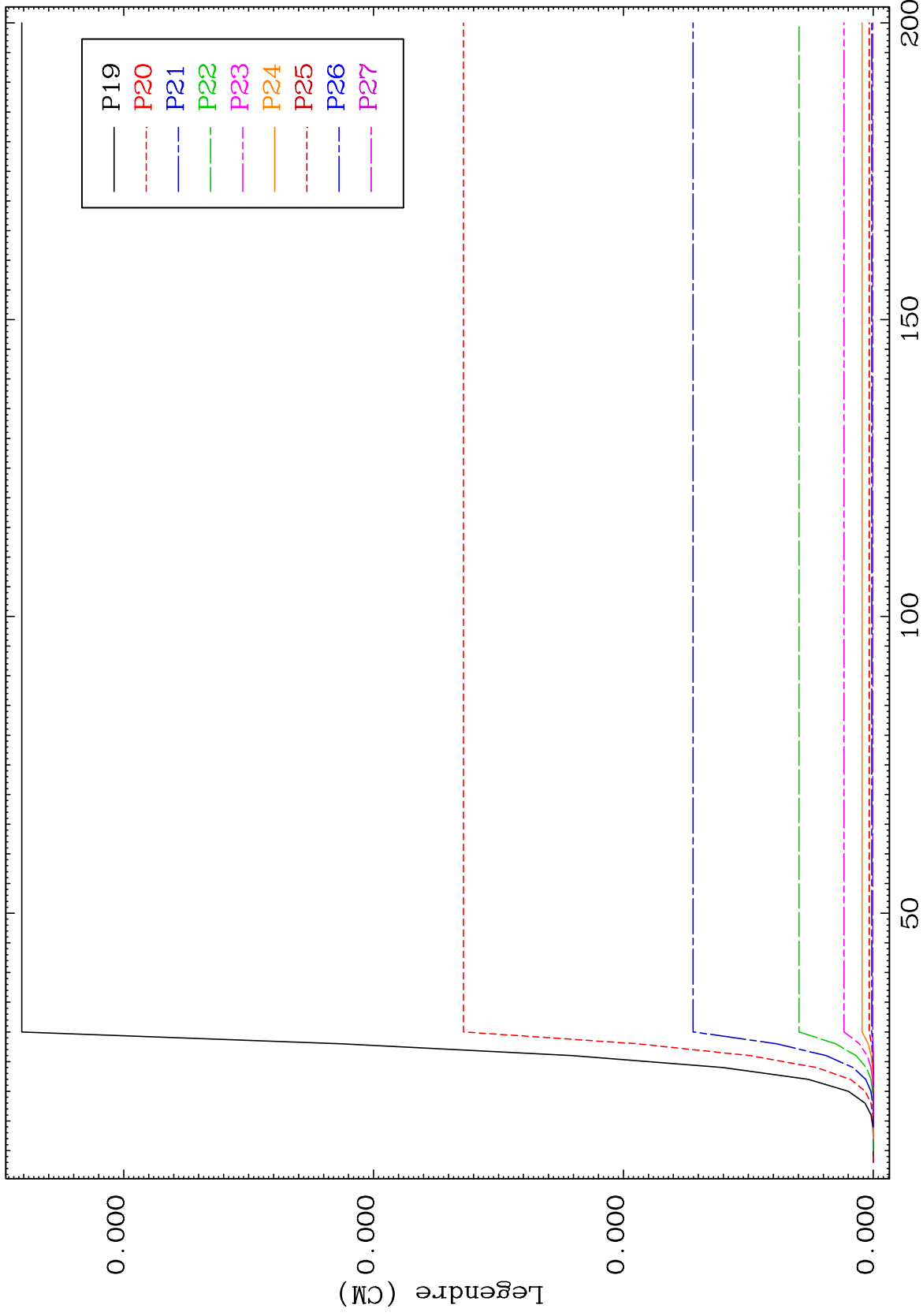
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



63

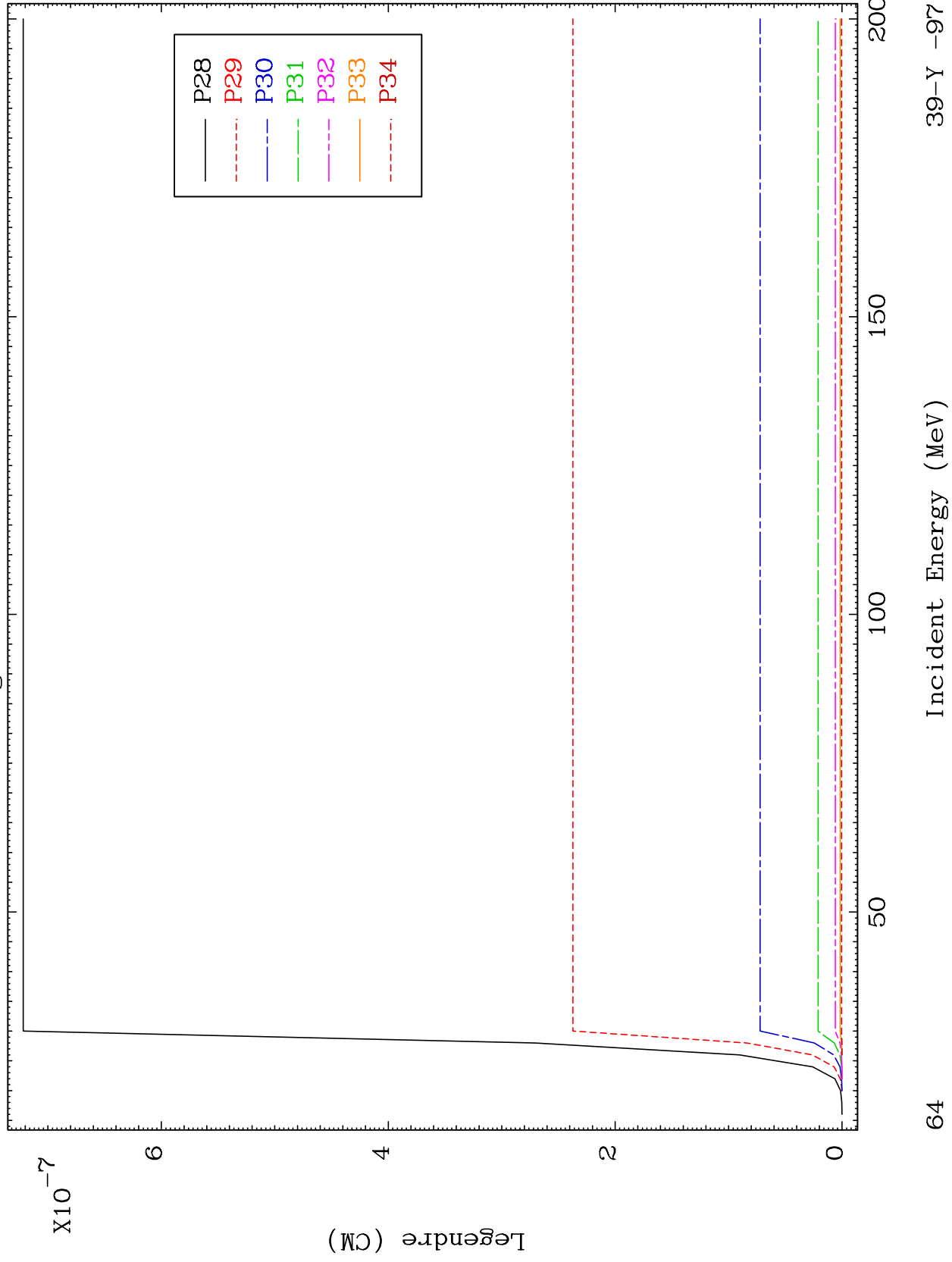
Incident Energy (MeV)

39-Y -97

MAT 3949

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

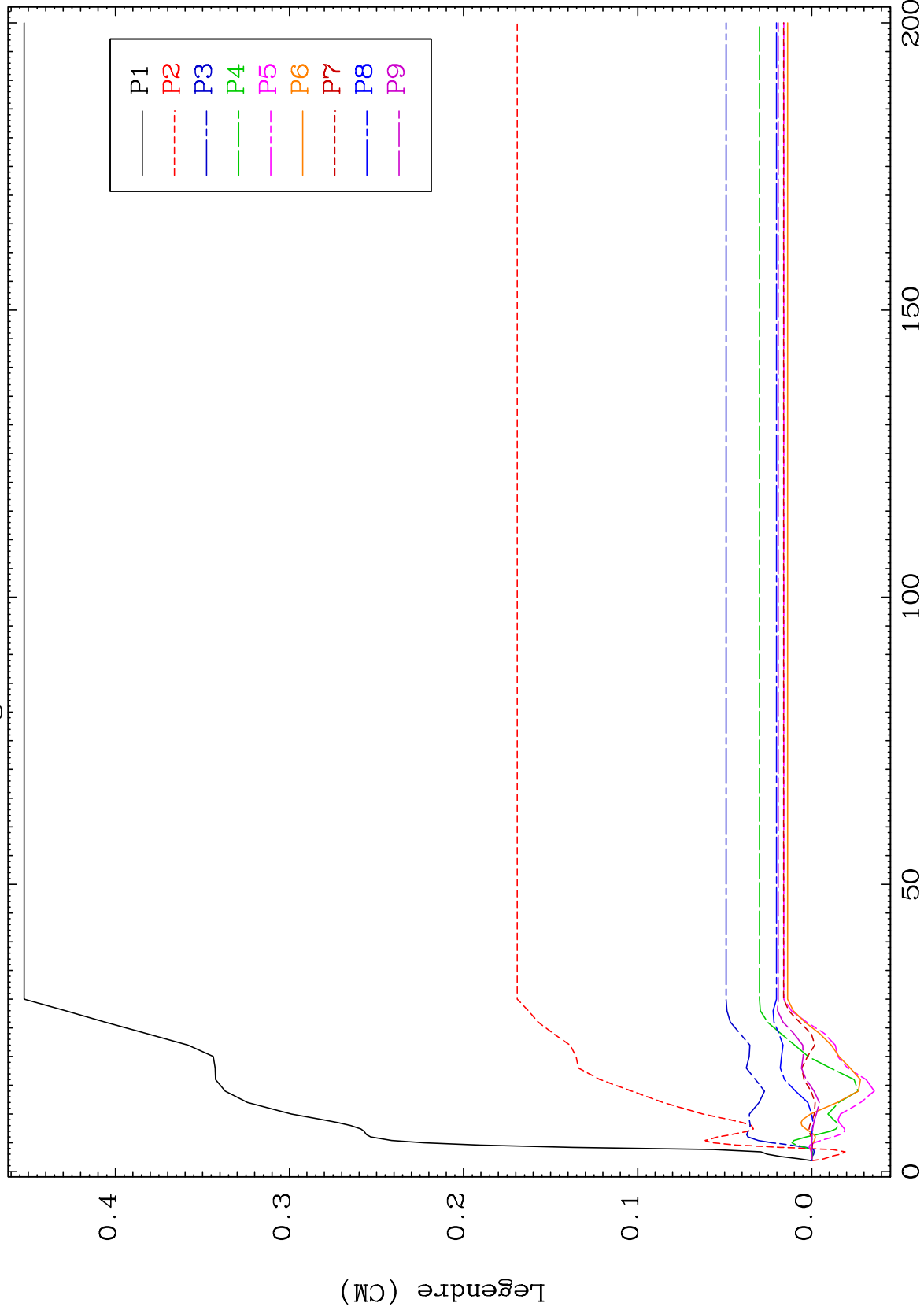
39-Y -97



MAT 3949

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

39-Y -97



39-Y -97

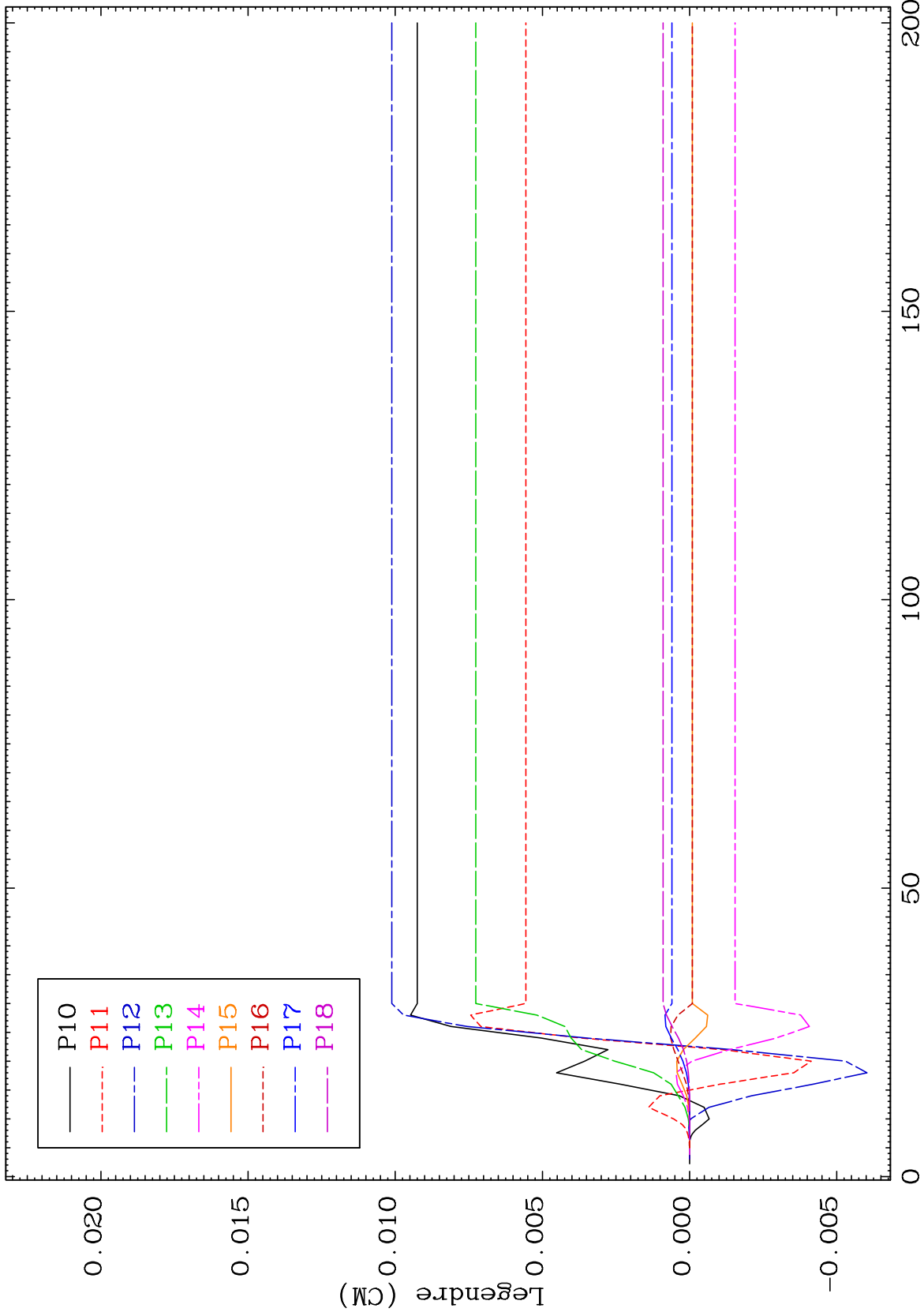
Incident Energy (MeV)

65

MAT 3949

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

39-Y -97



66

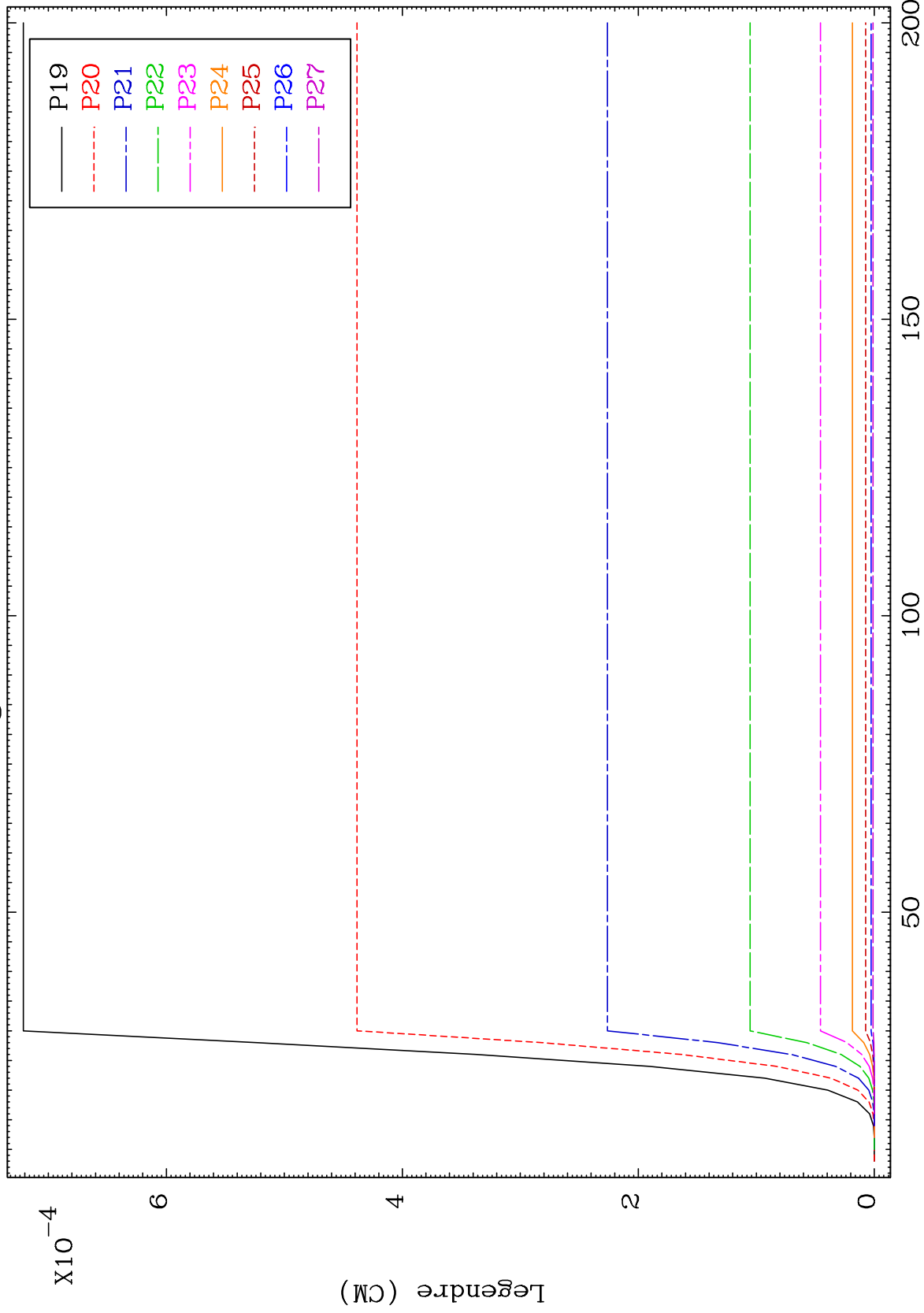
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



67

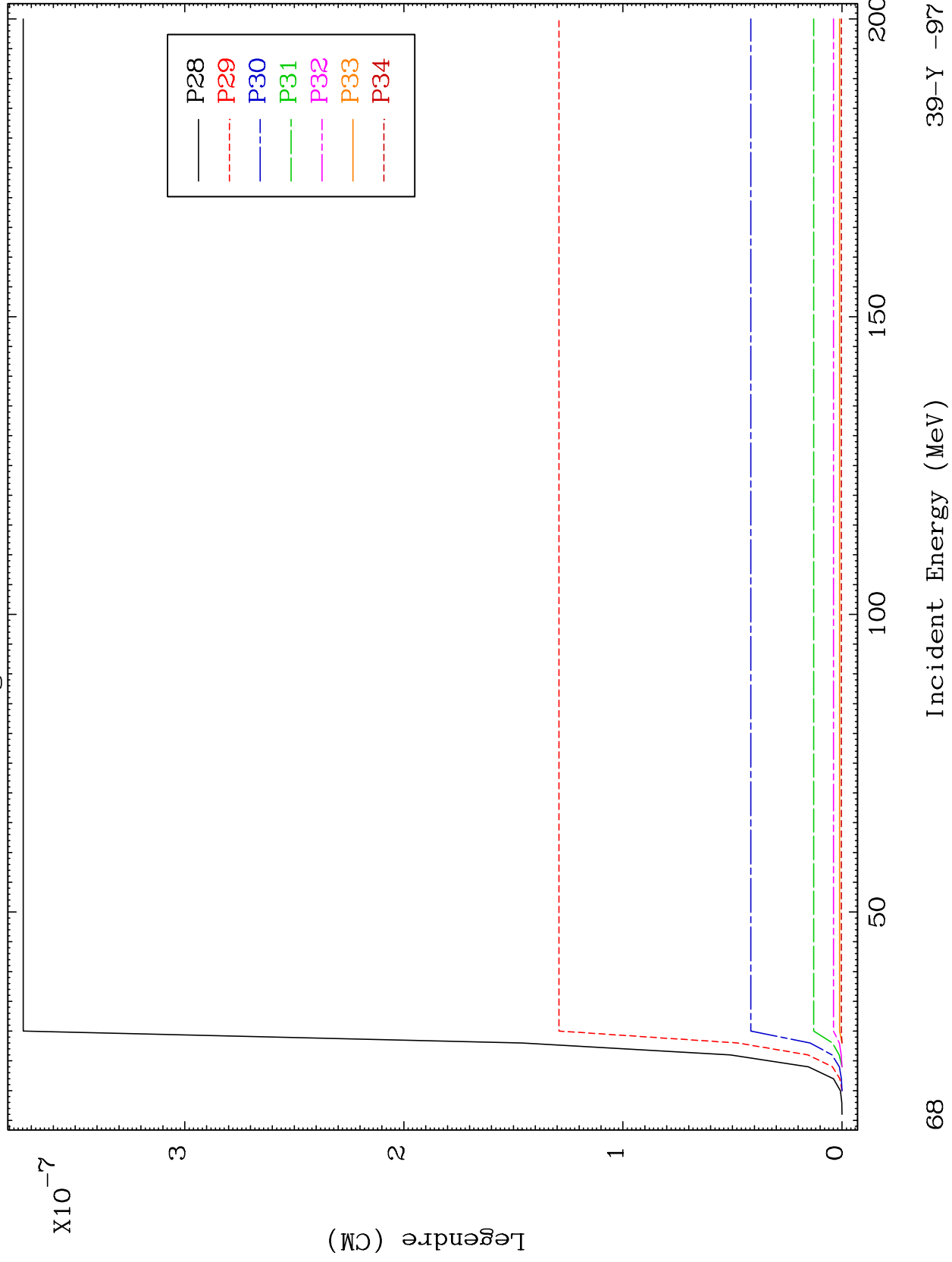
Incident Energy (MeV)

39-Y -97

MAT 3949

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

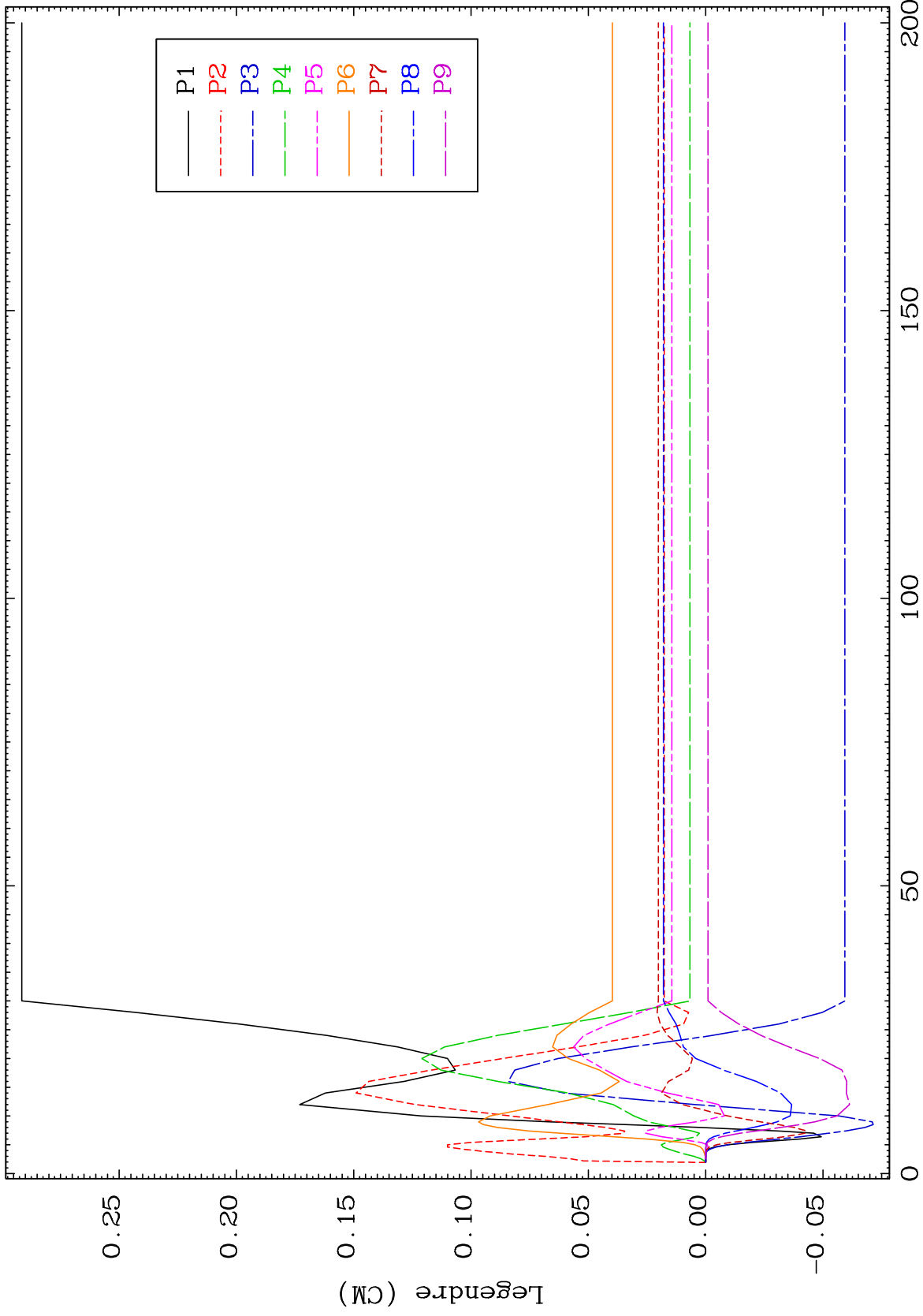
39-Y -97



MAT 3949

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

39-Y -97



69

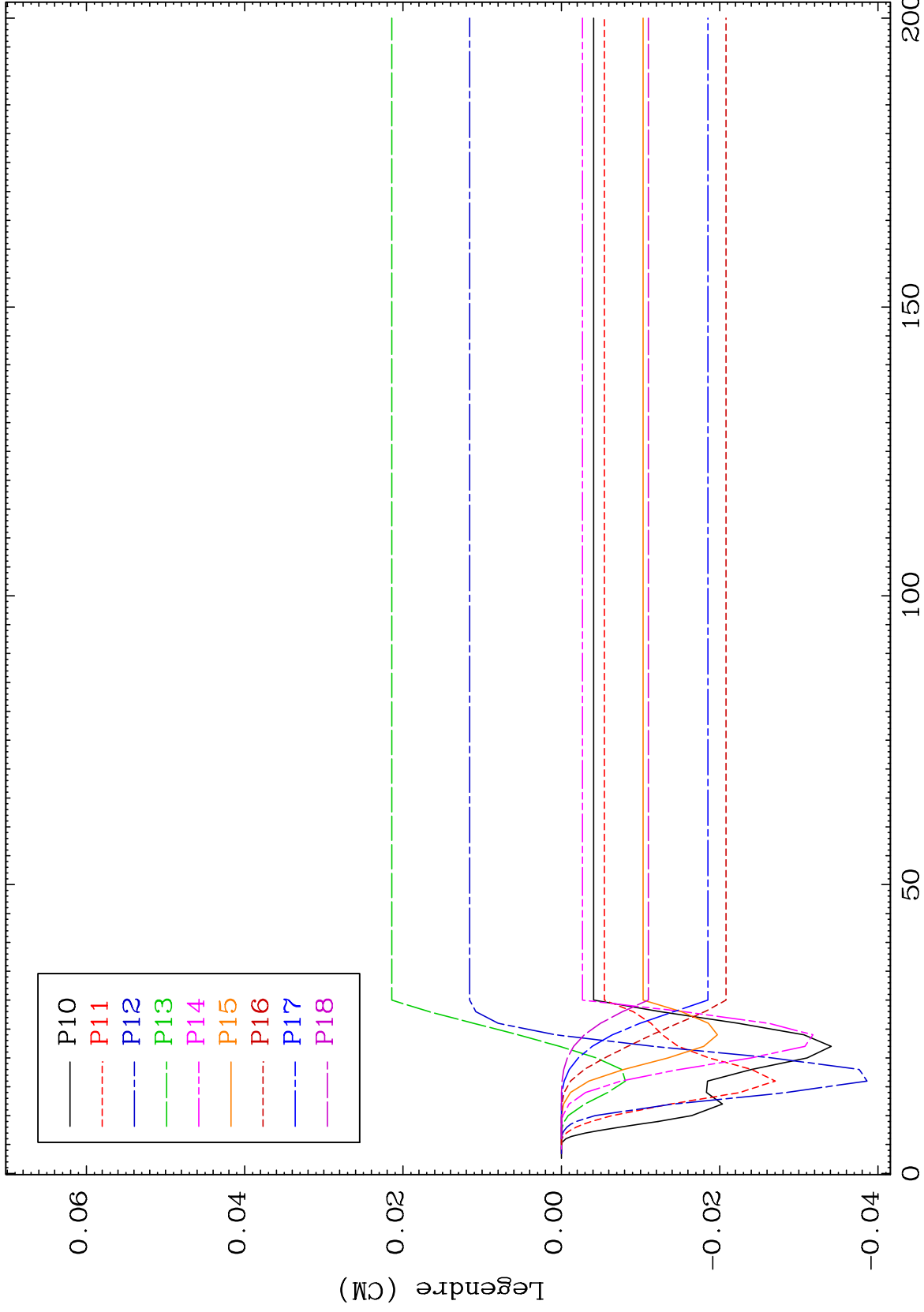
Incident Energy (MeV)

39-Y -97

MAT 3949

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

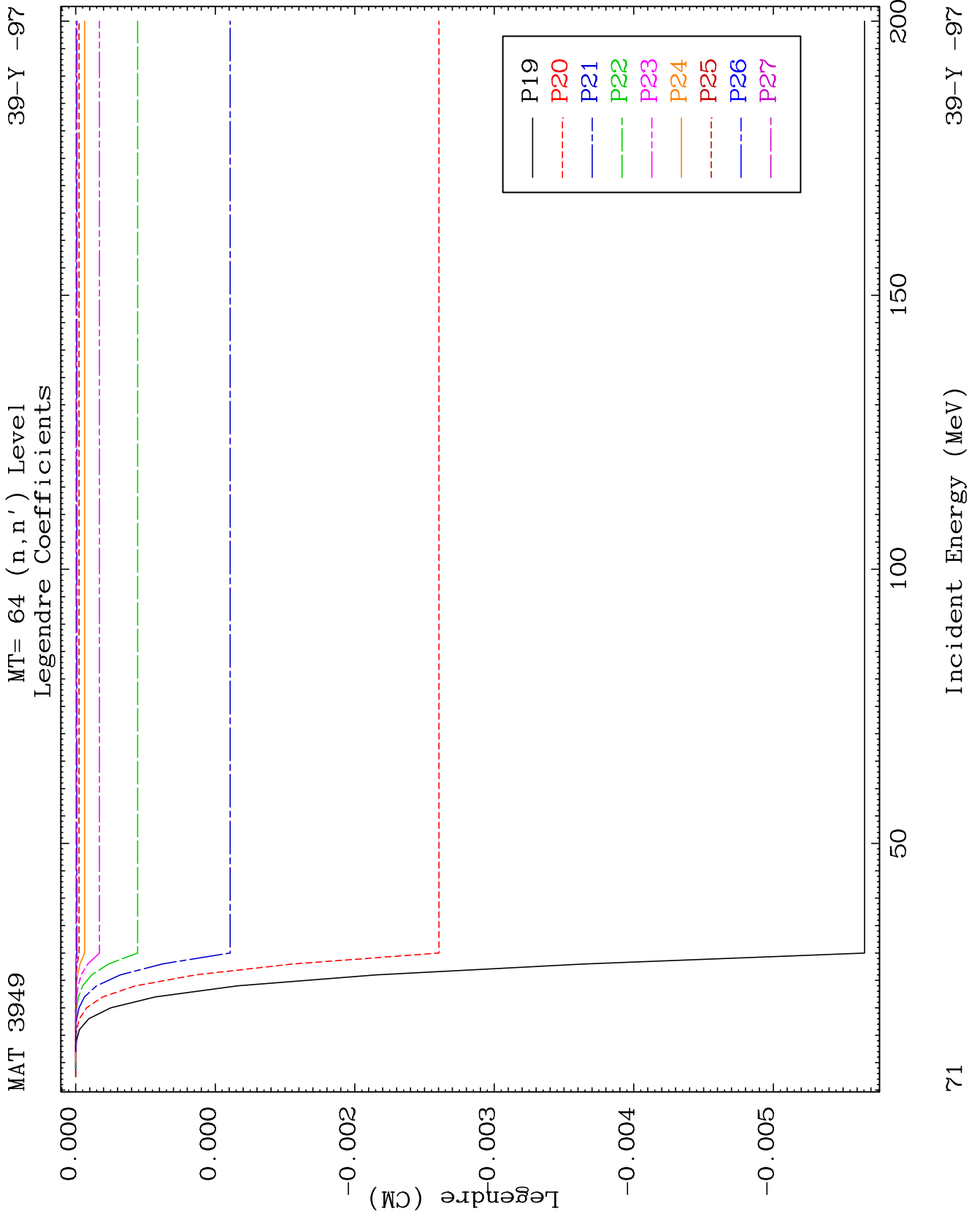
39-Y -97

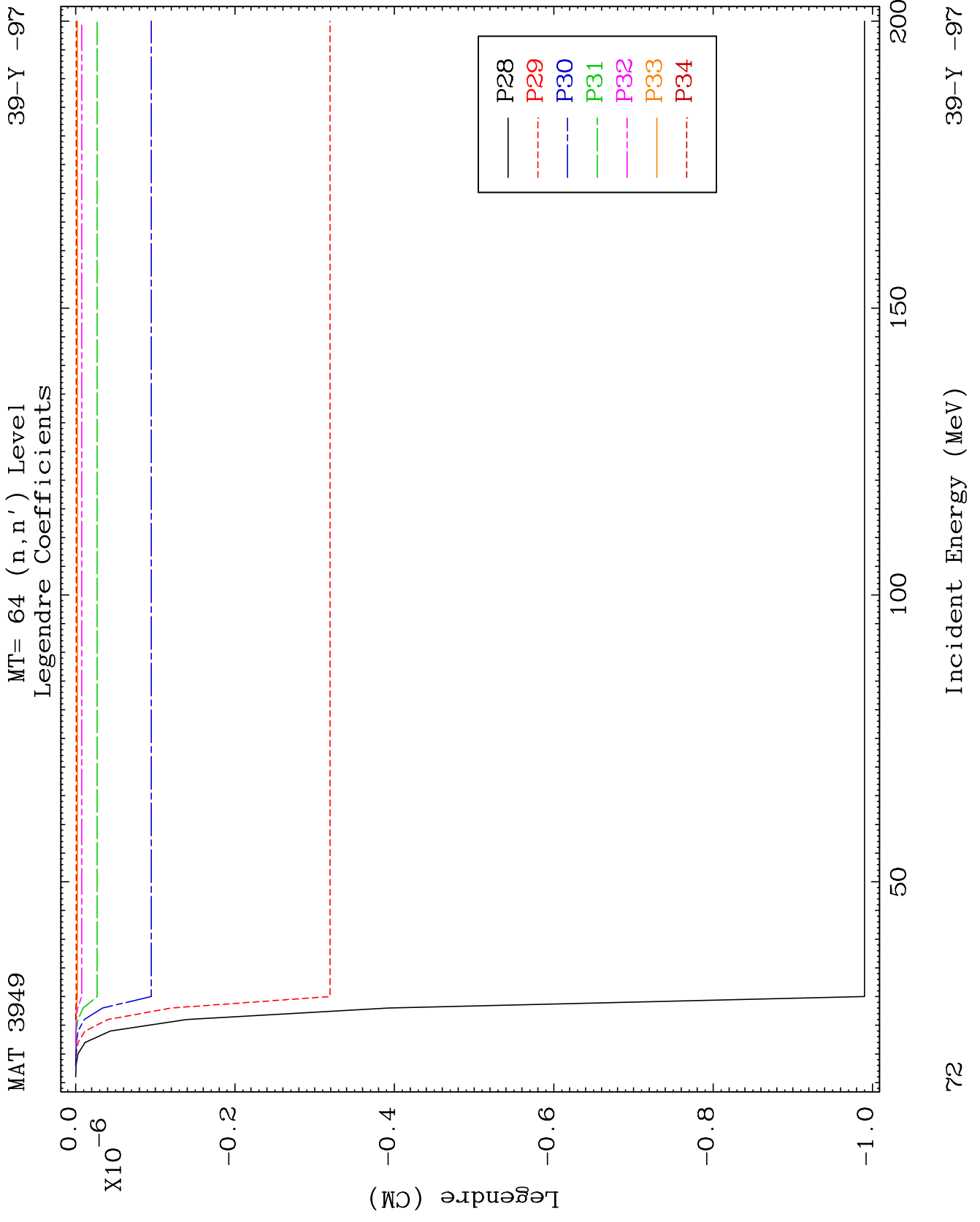


70

Incident Energy (MeV)

39-Y -97

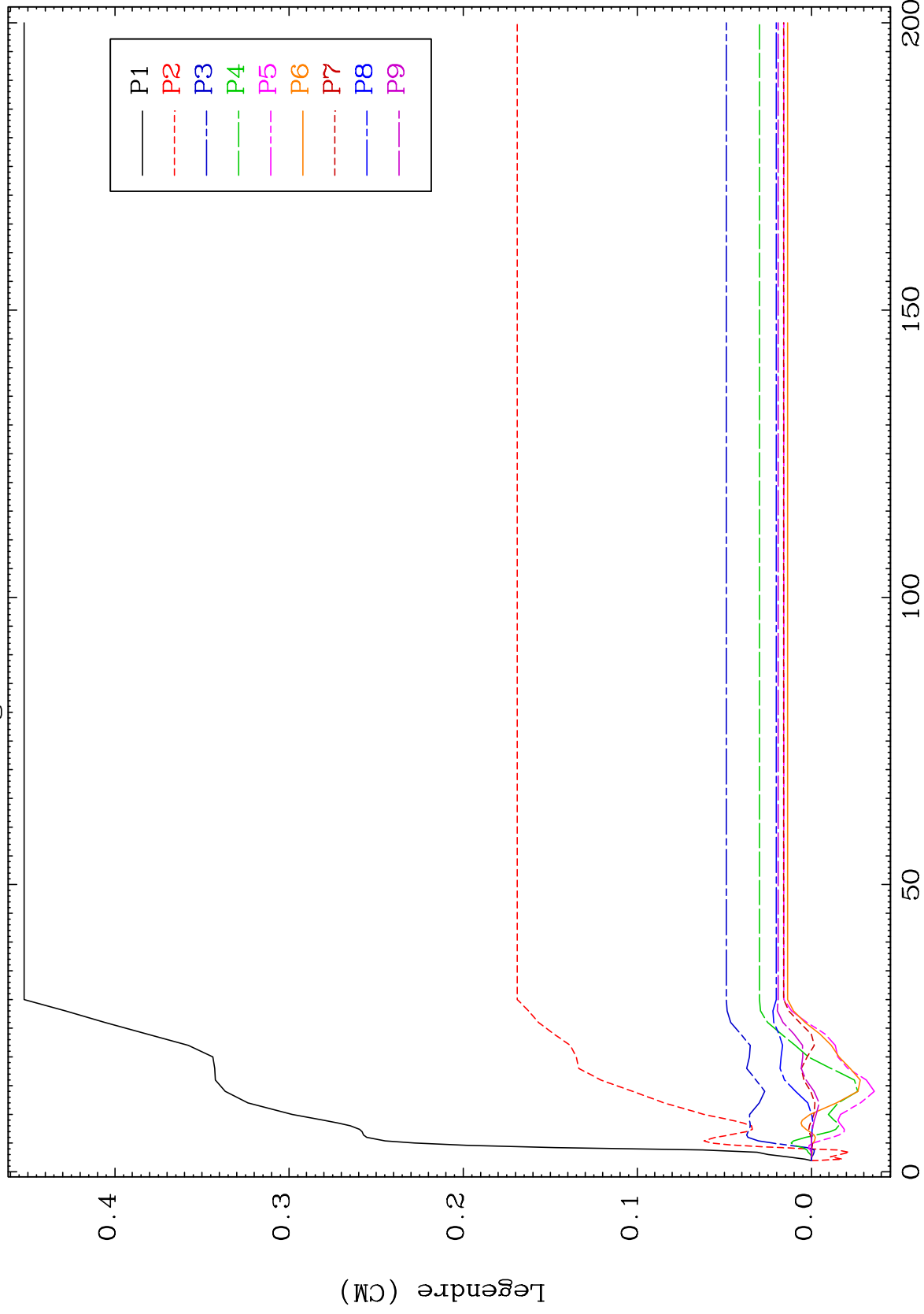




MAT 3949

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

39-Y -97



73

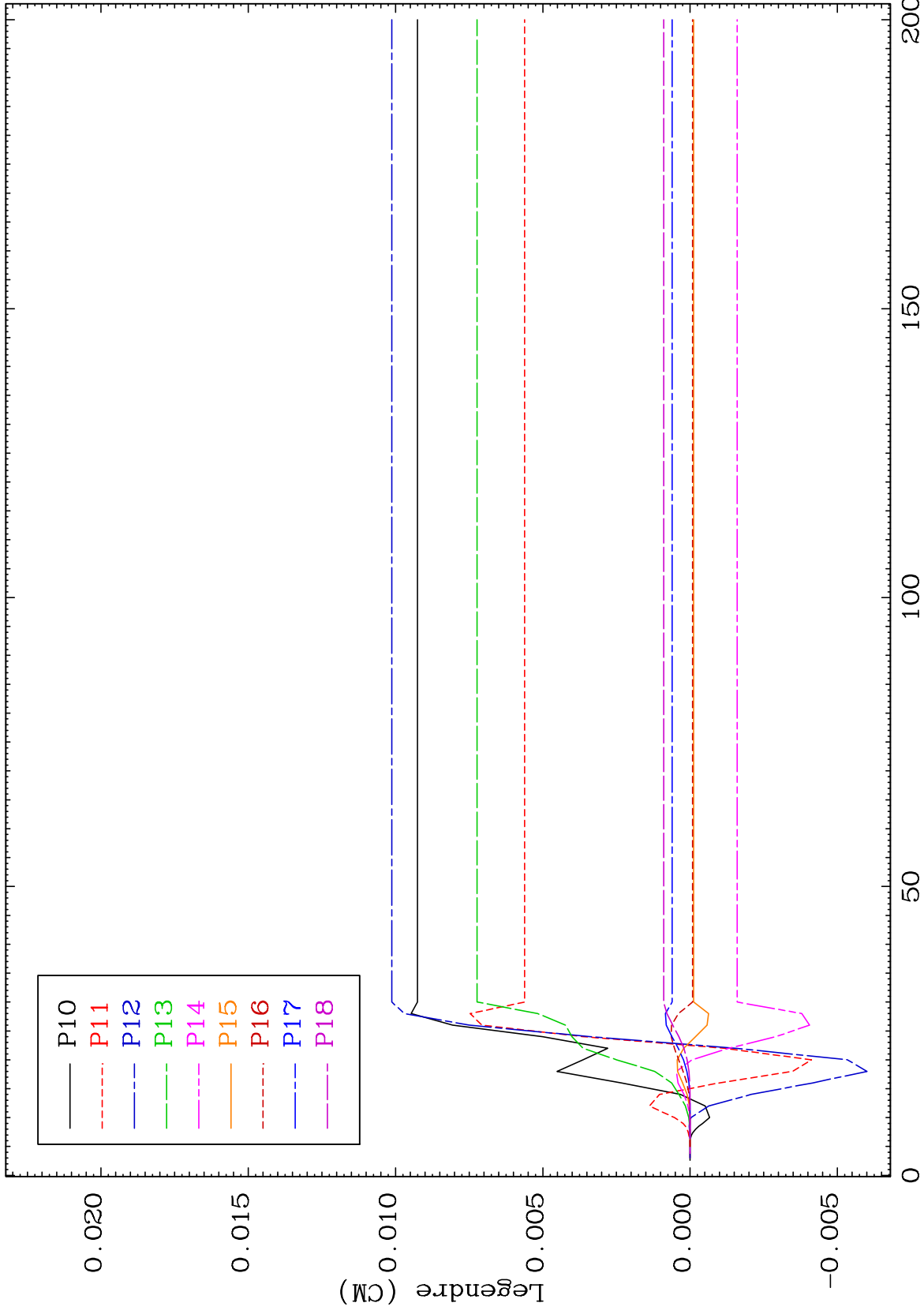
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



74

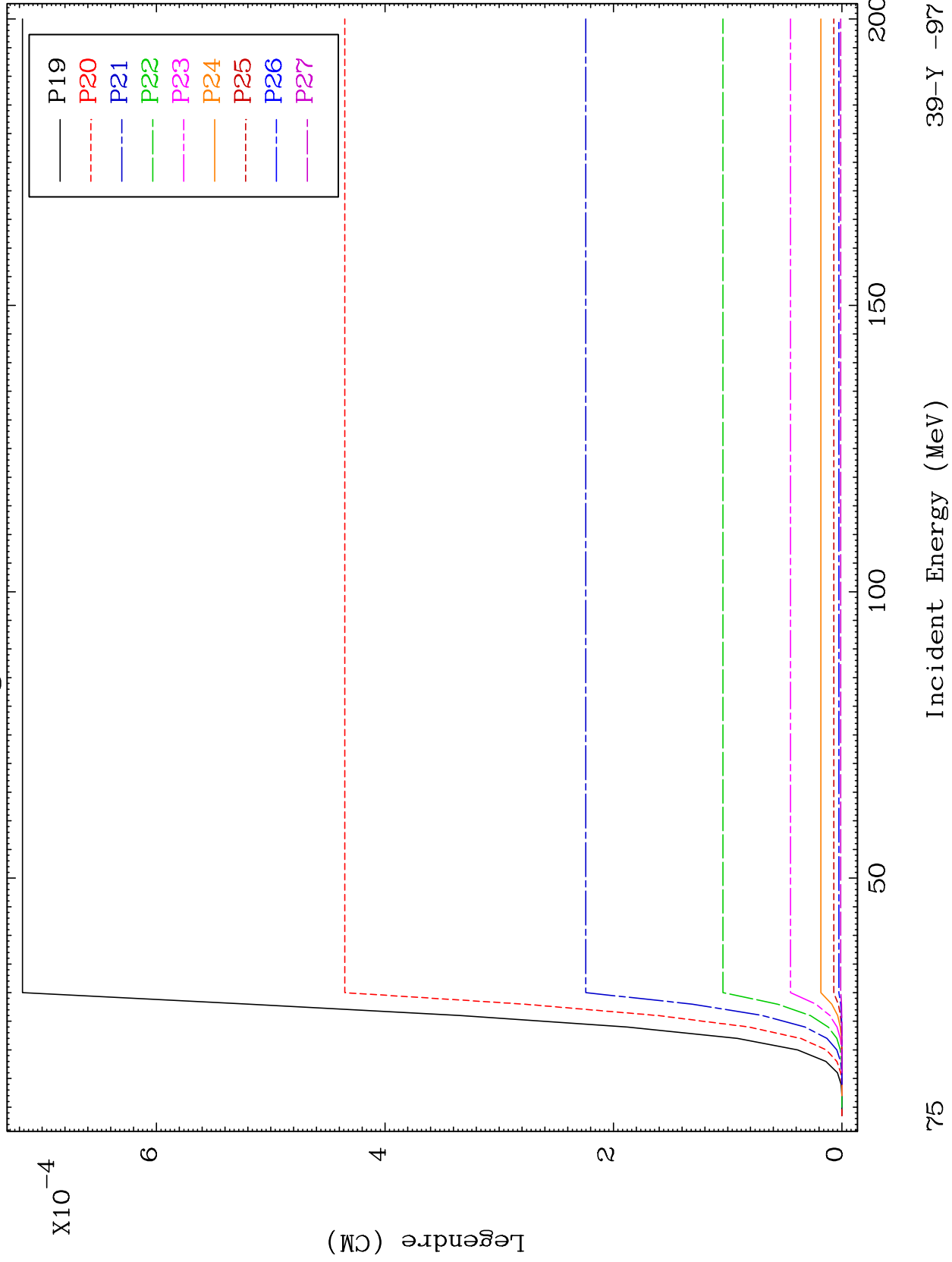
Incident Energy (MeV)

39-Y -97

MAT 3949

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

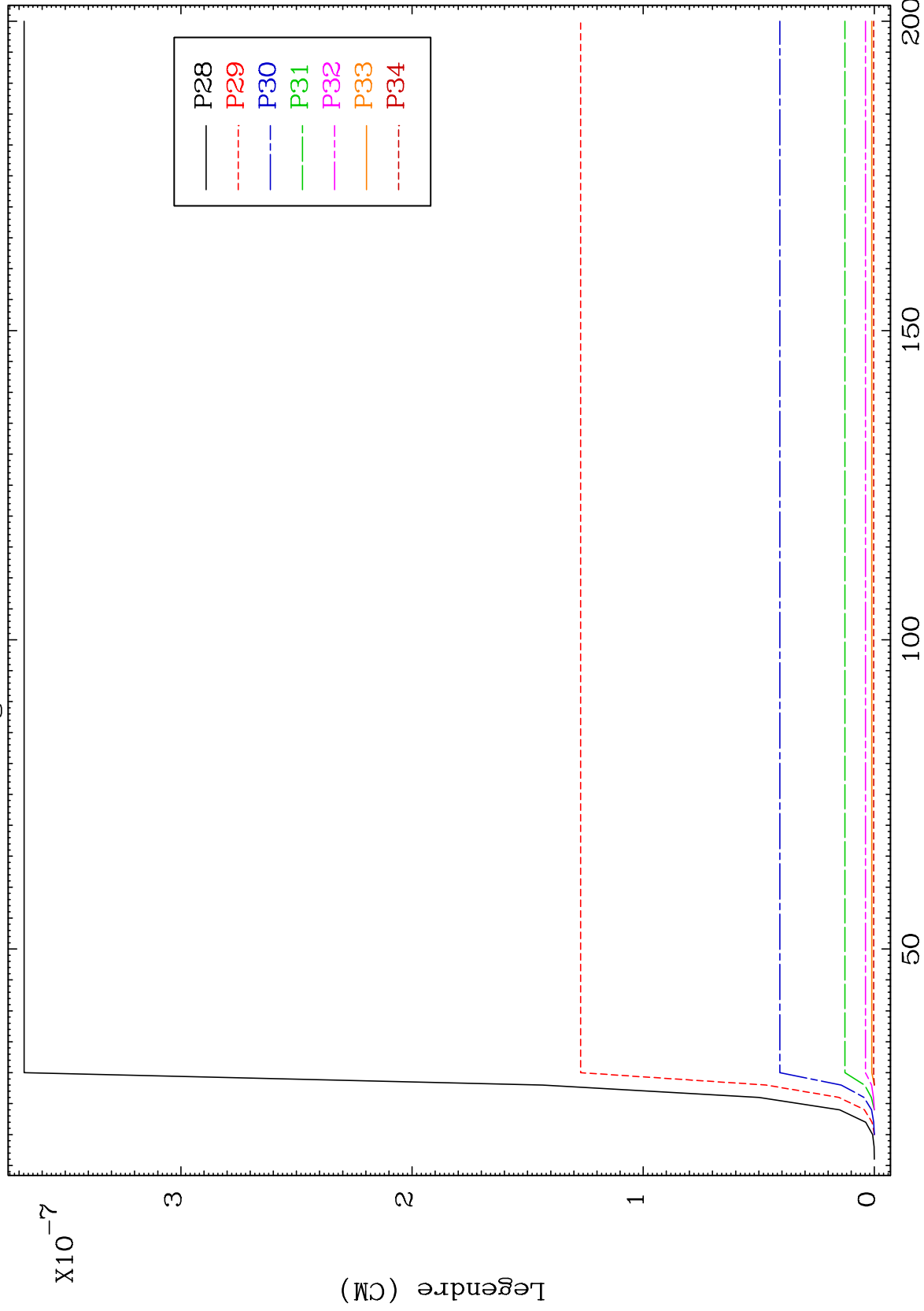
39-Y -97



MAT 3949

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

39-Y -97



76

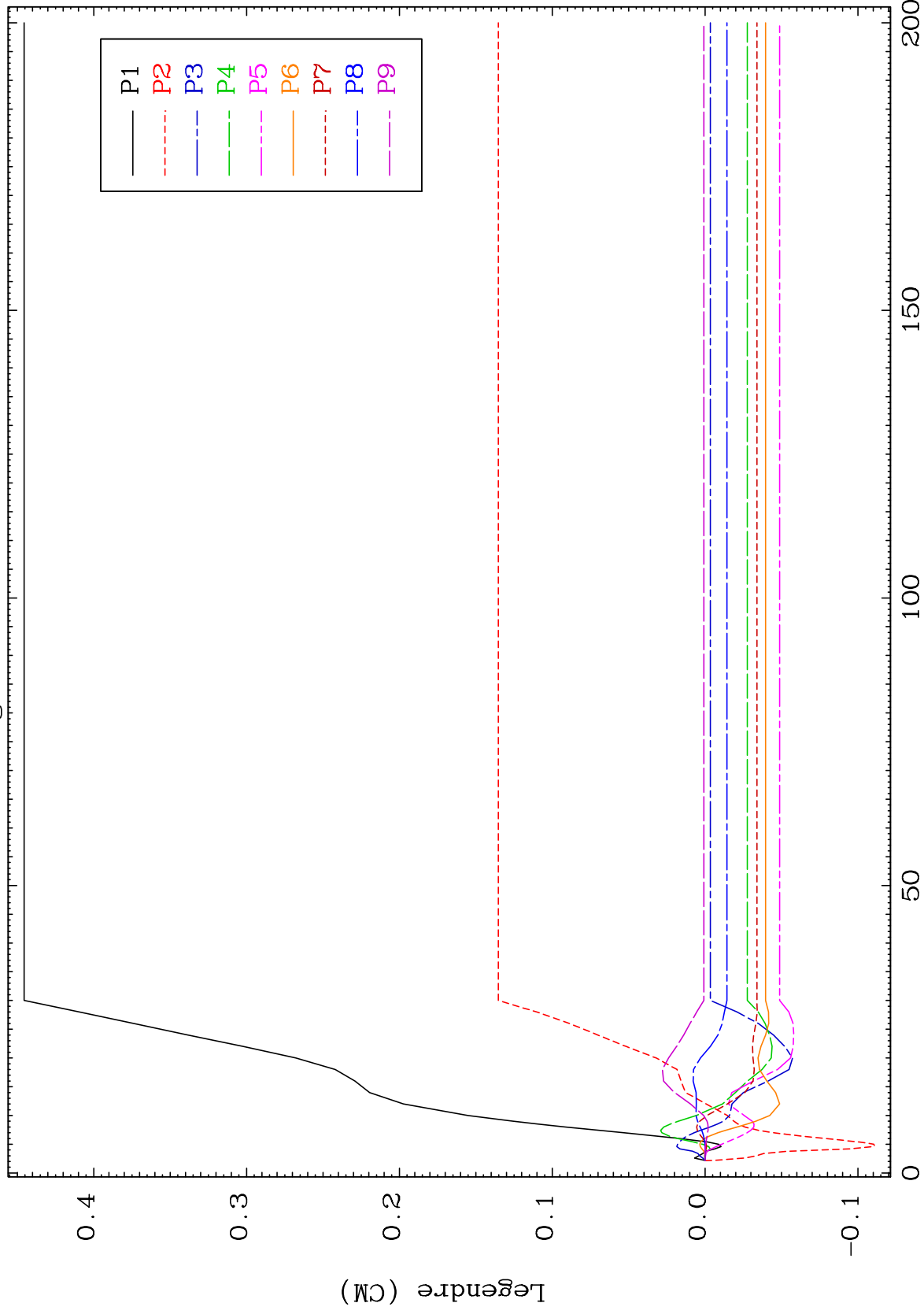
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



77

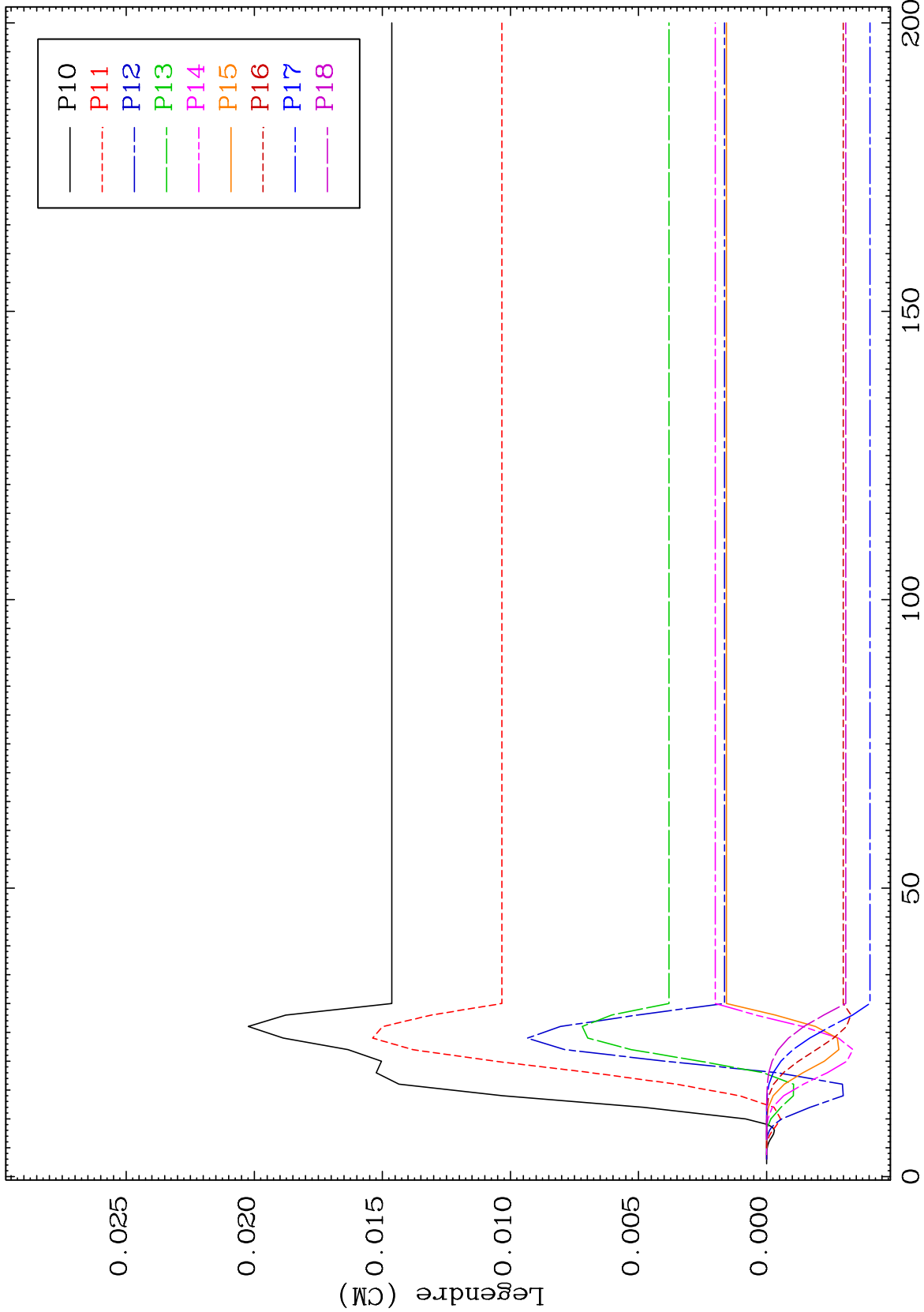
Incident Energy (MeV)

39-Y -97

MAT 3949

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

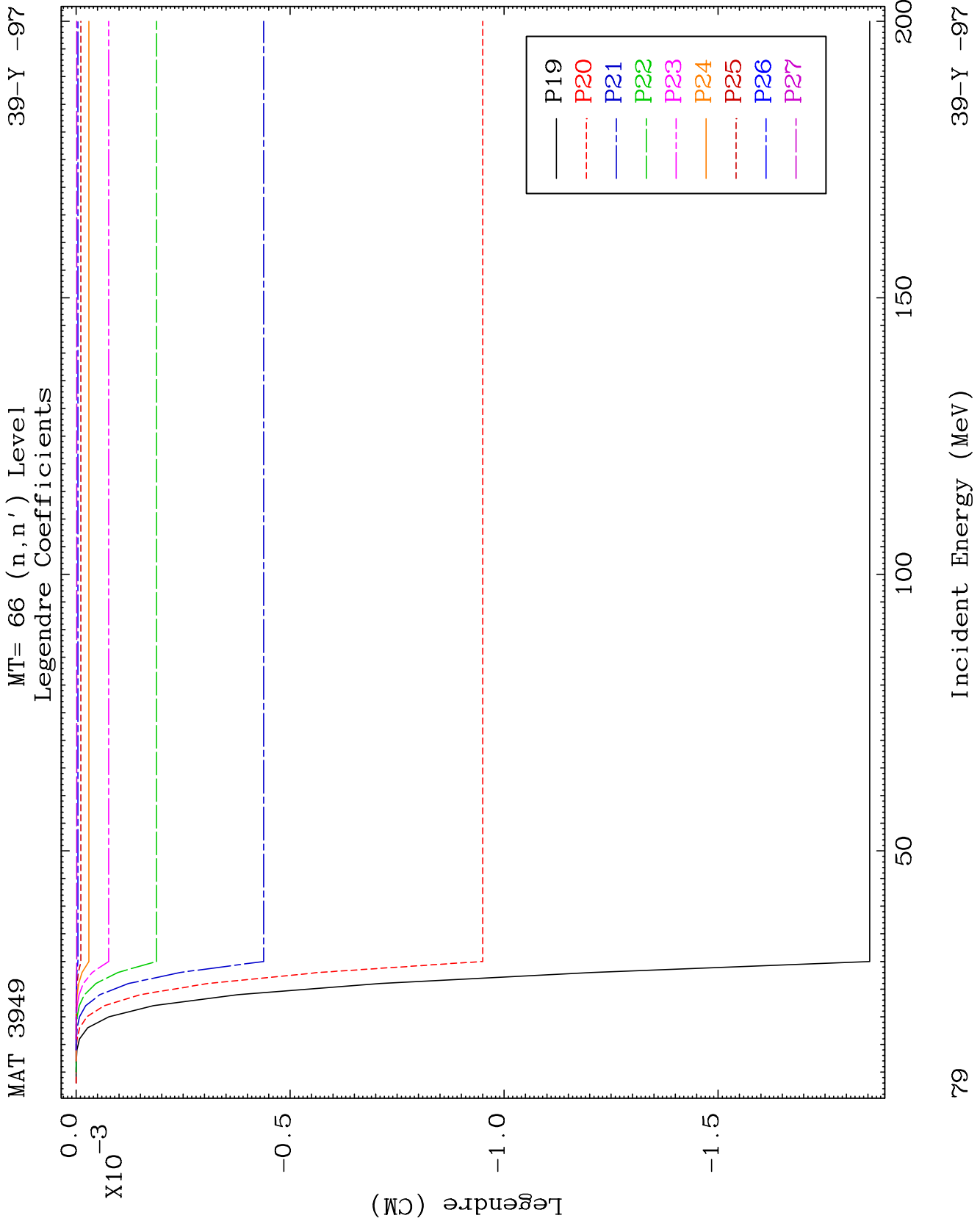
39-Y -97



78

Incident Energy (MeV)

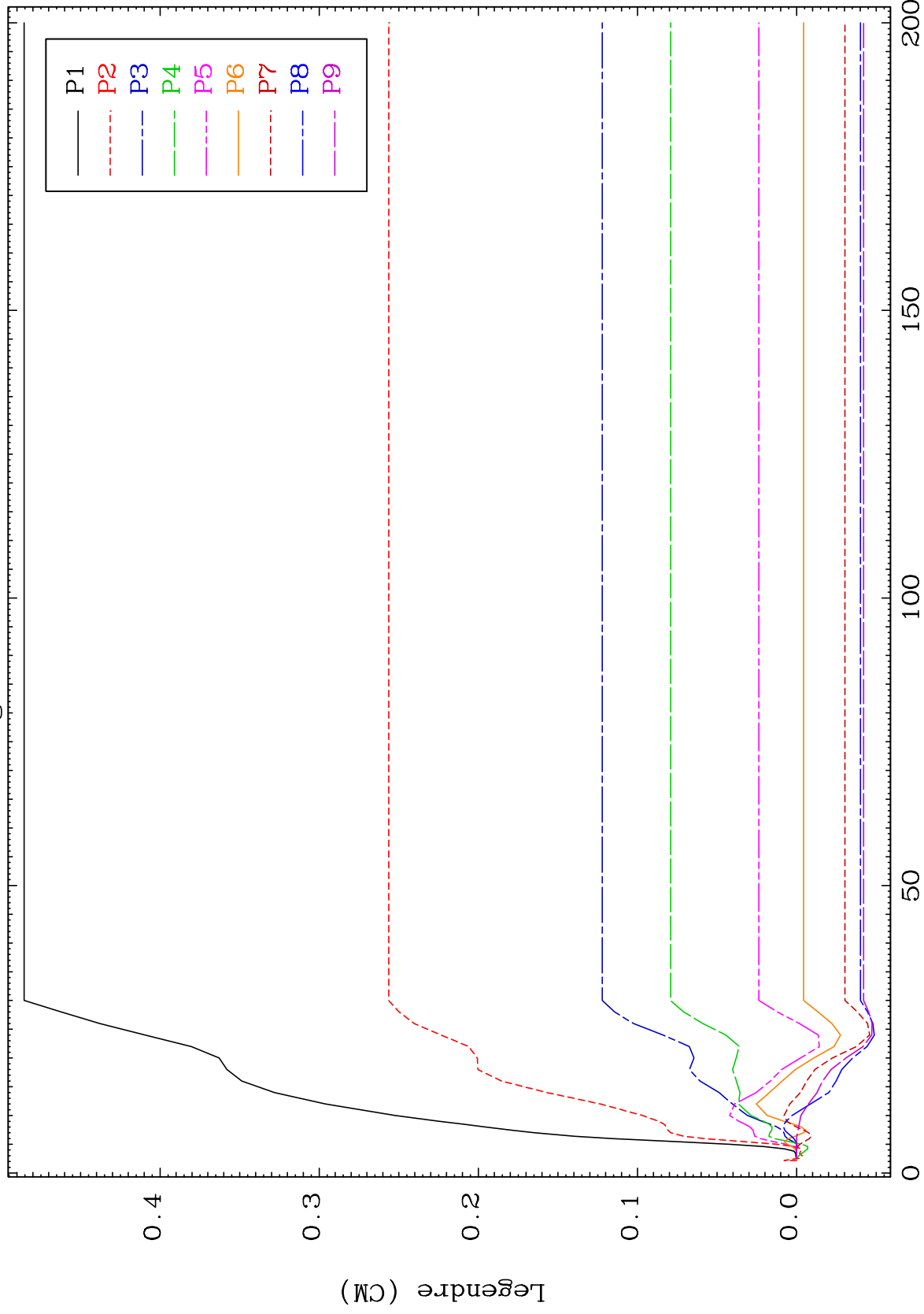
39-Y -97



MAT 3949

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

39-Y -97



81

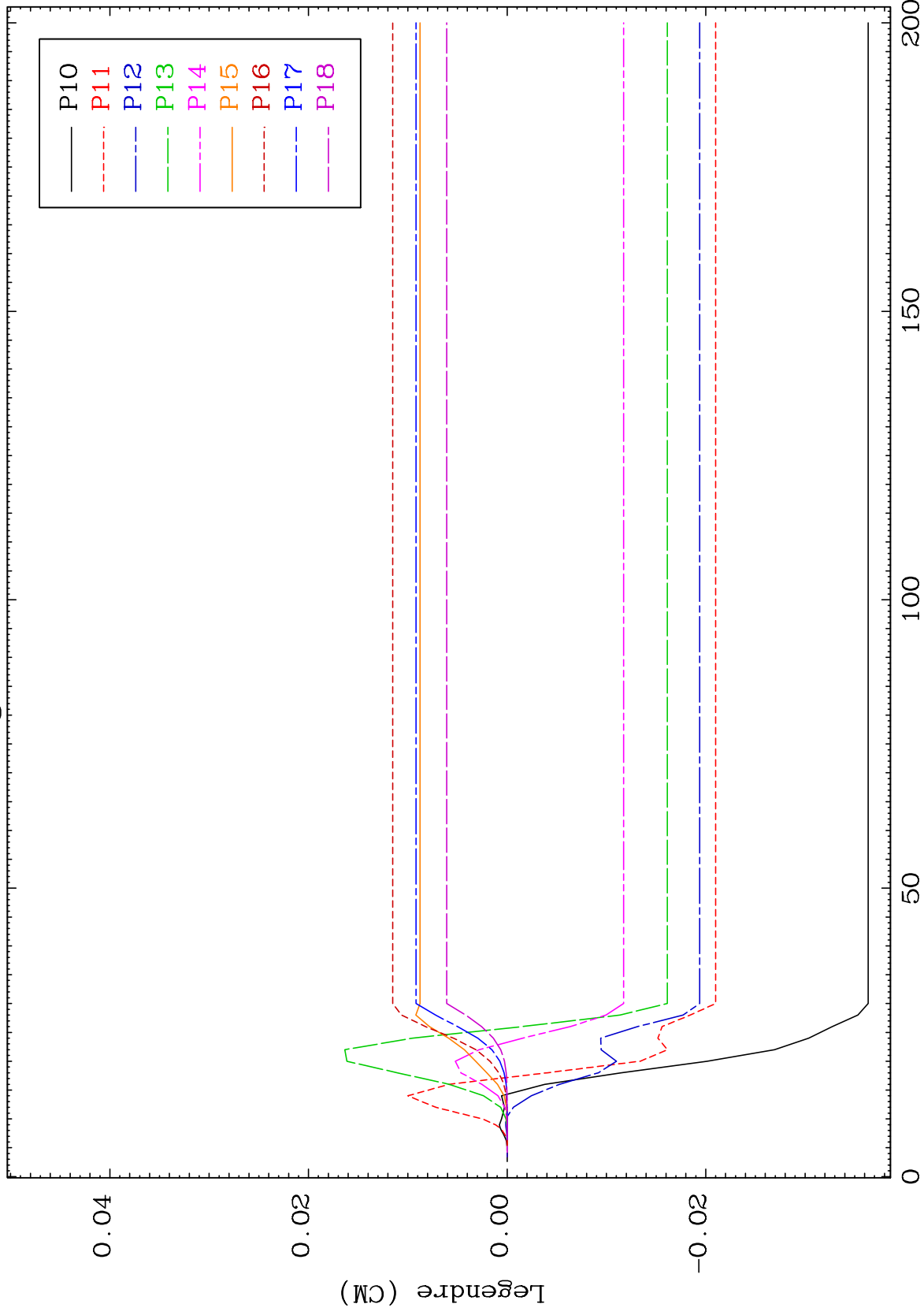
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



82

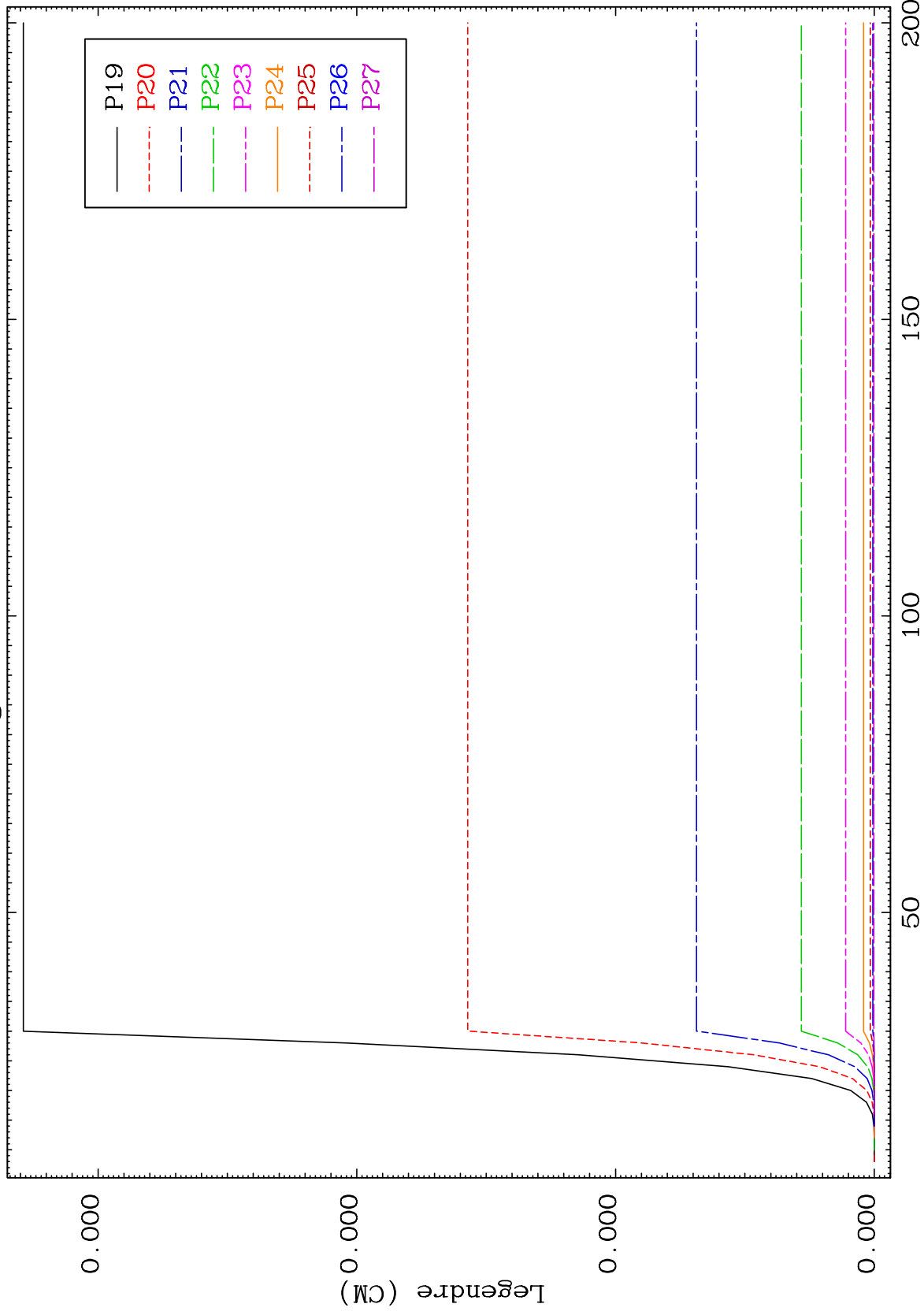
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



83

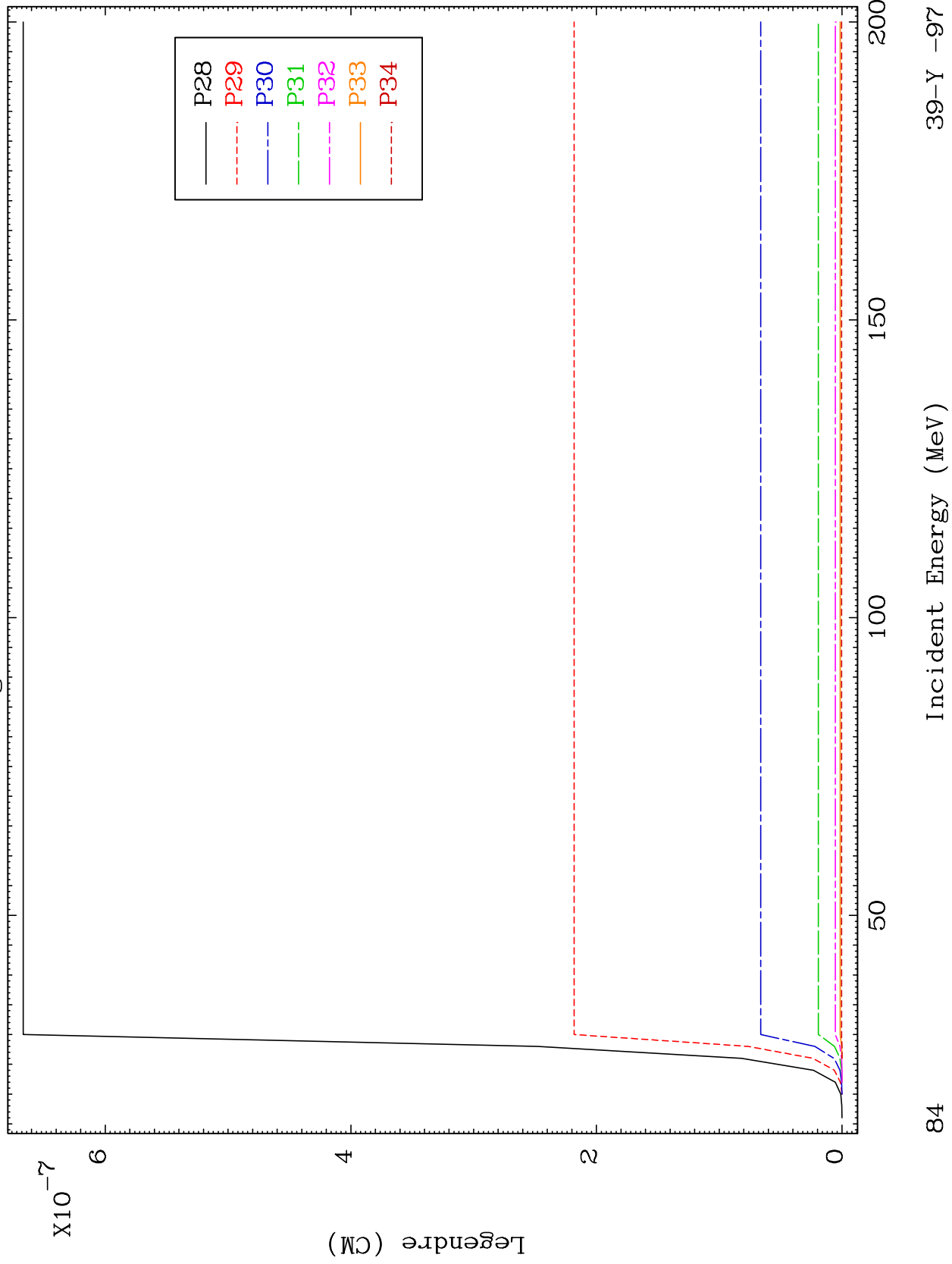
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



84

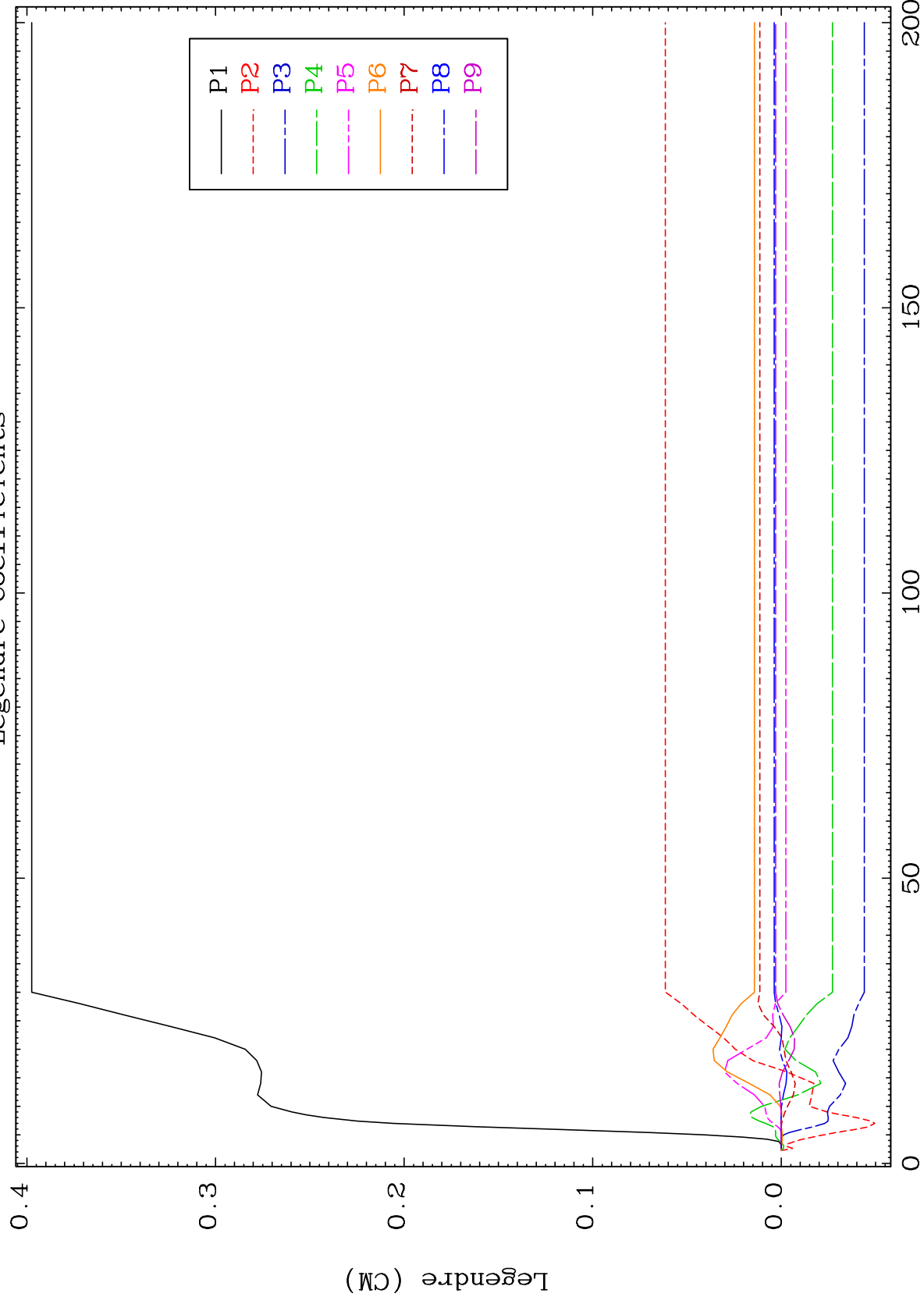
Incident Energy (MeV)

39-Y -97

MAT 3949

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

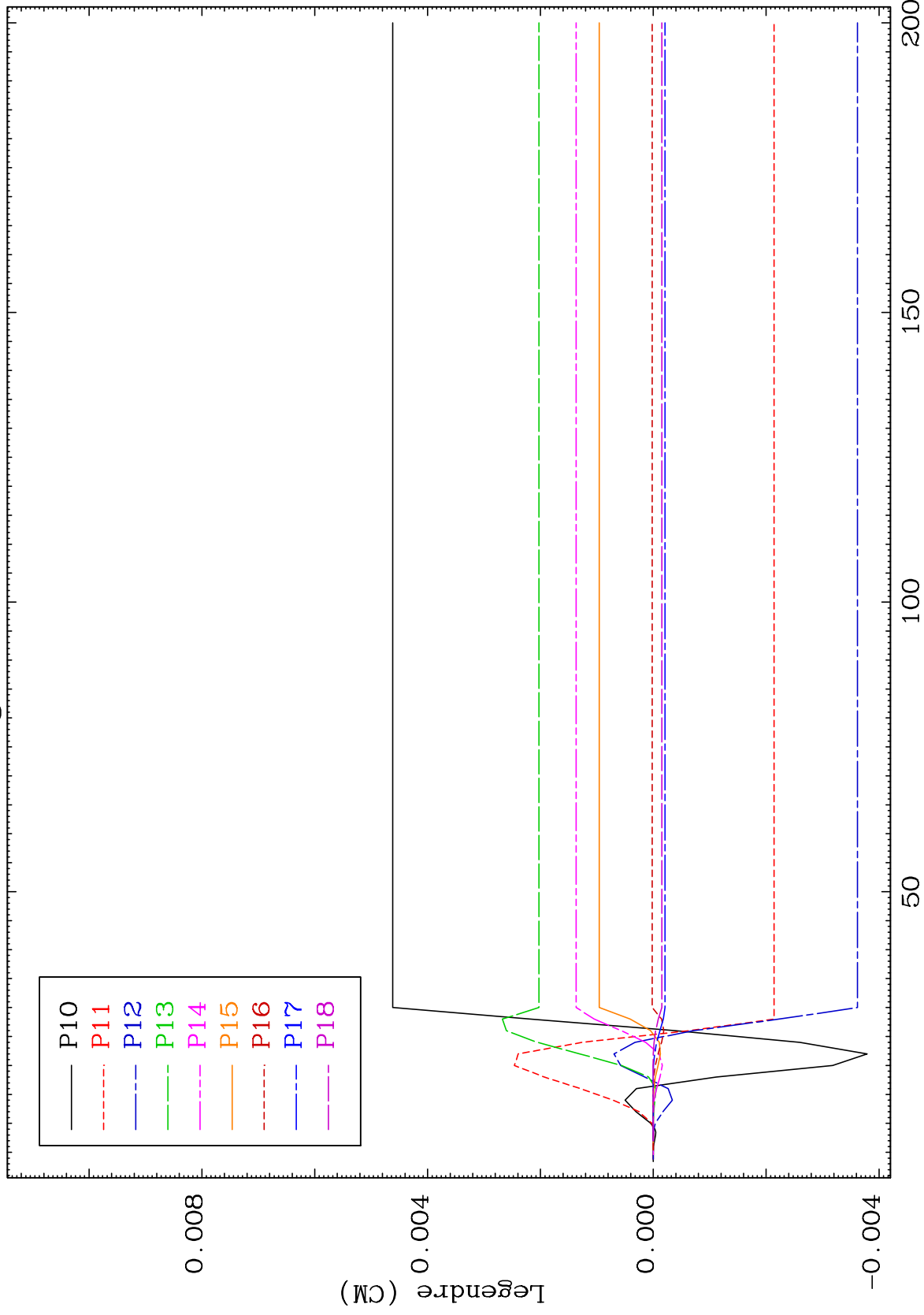
39-Y -97



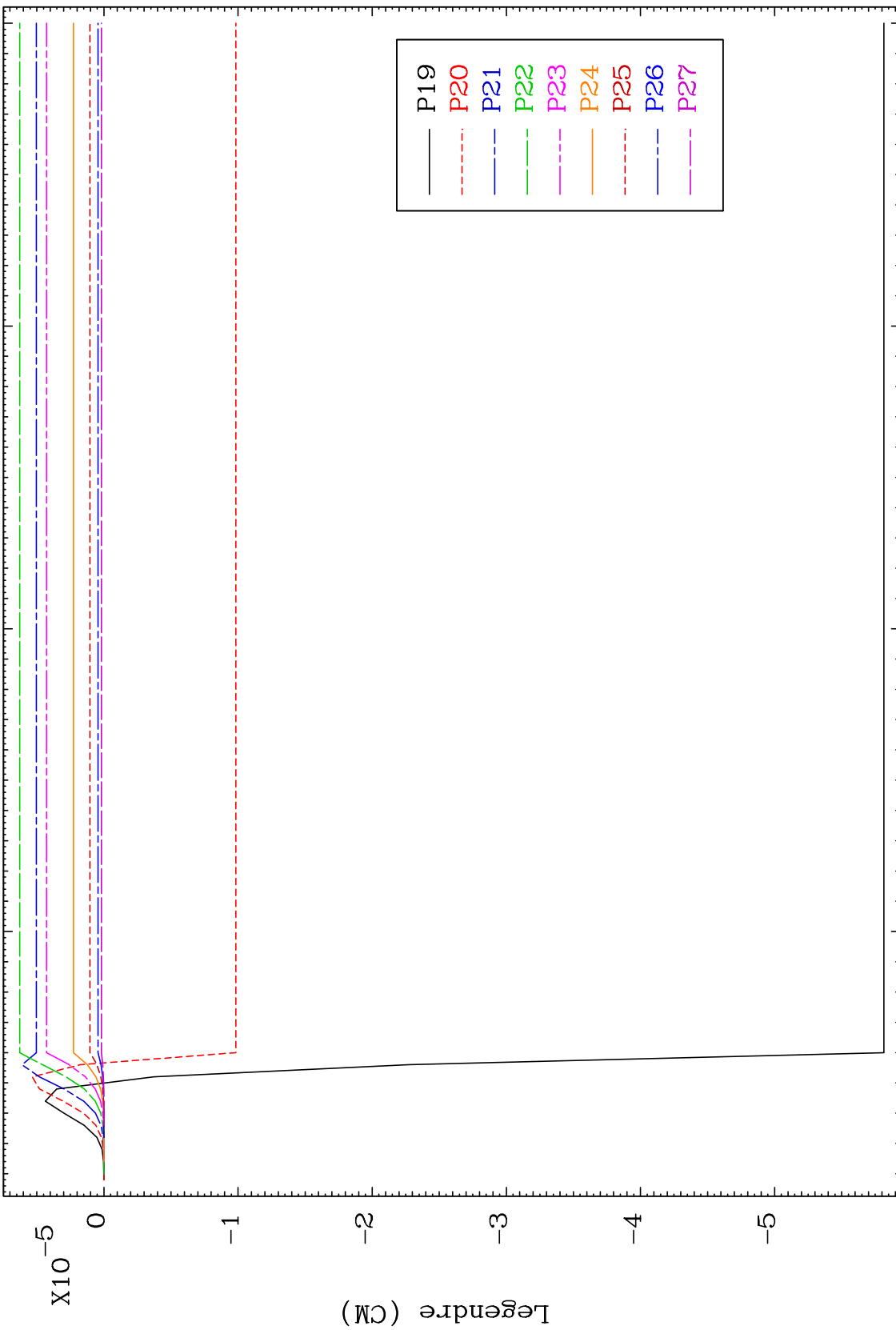
85

Incident Energy (MeV)

39-Y -97



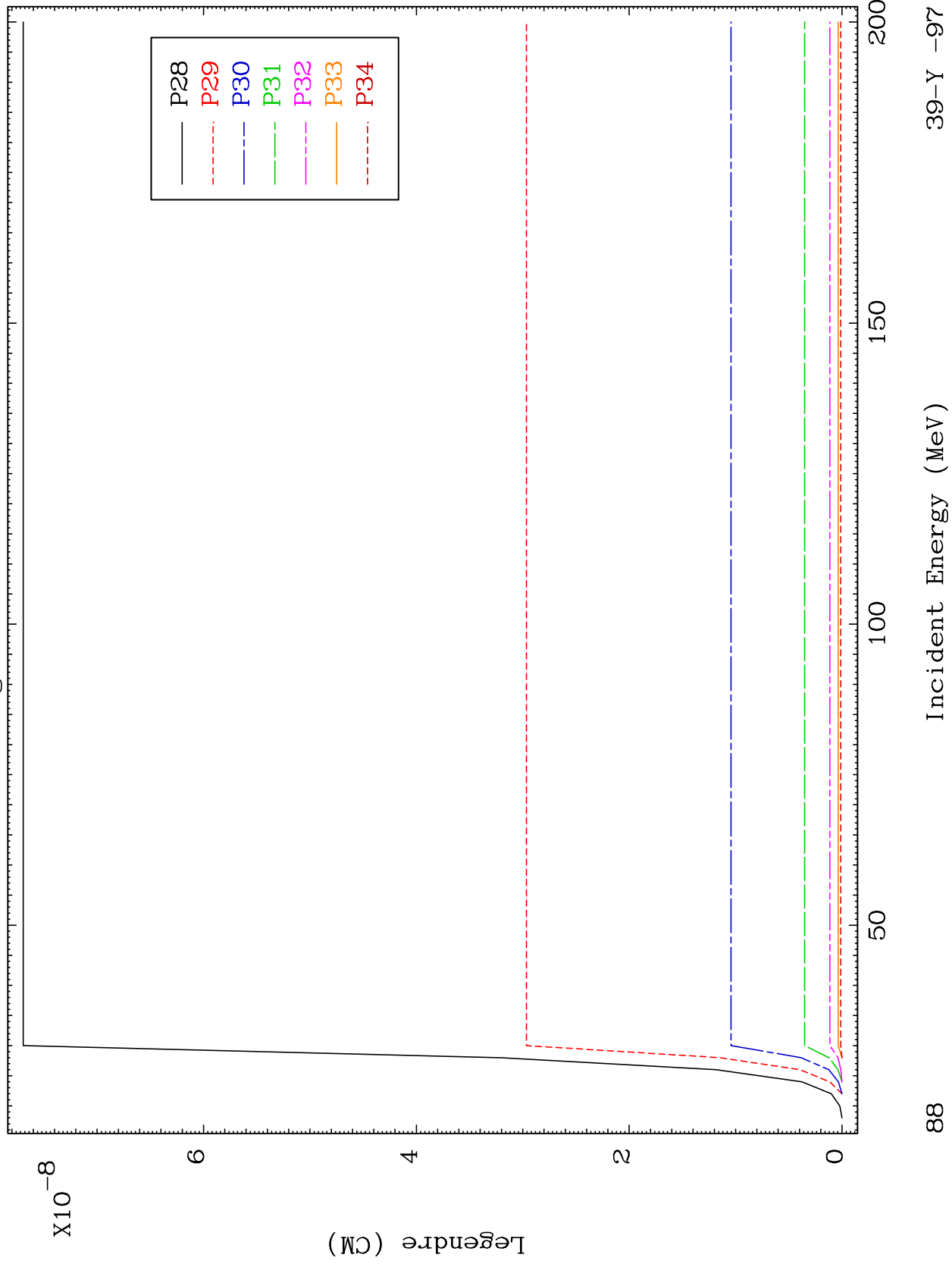
Legendre Coefficients



MAT 3949

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

39-Y -97



88

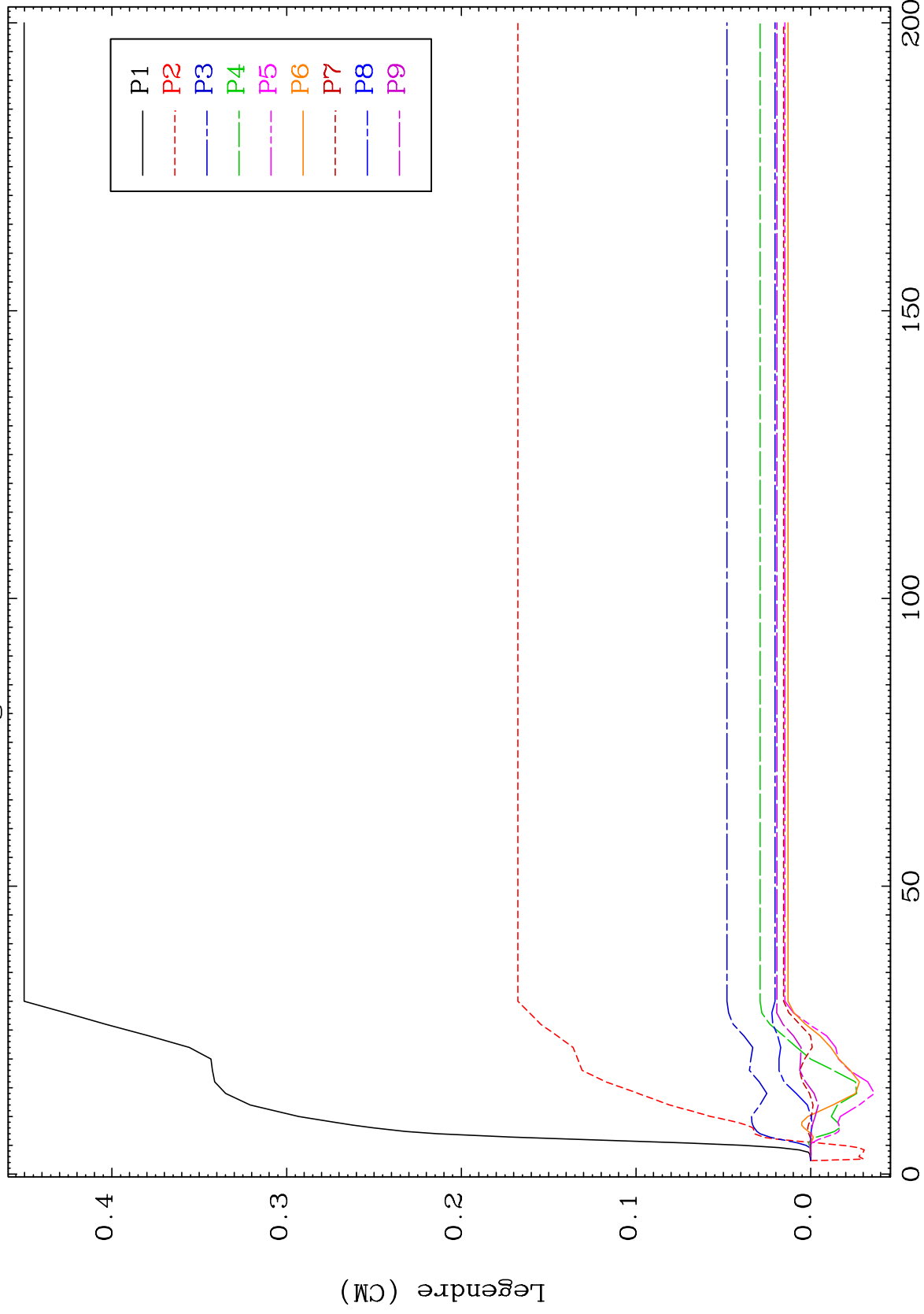
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



89

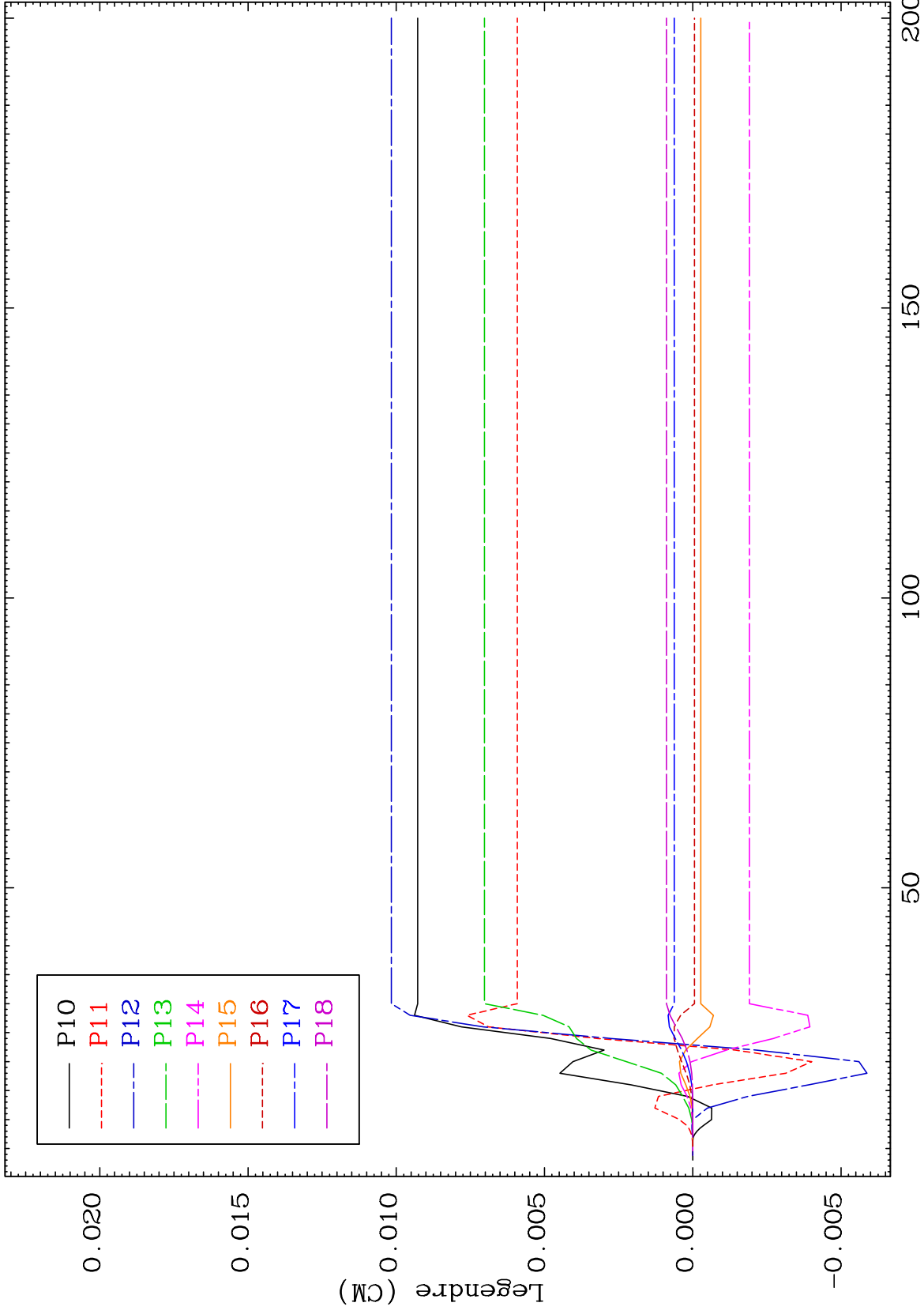
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



90

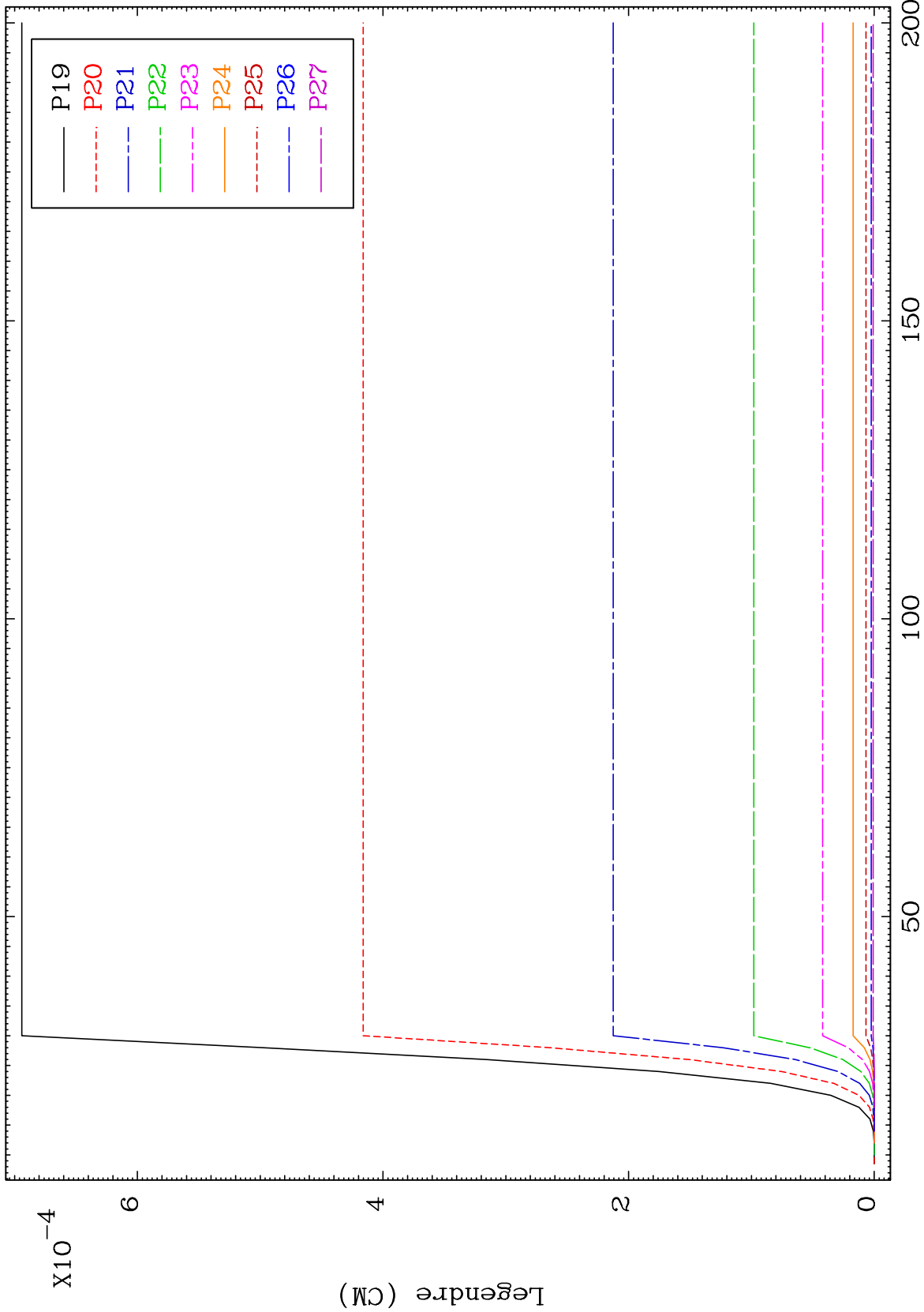
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



91

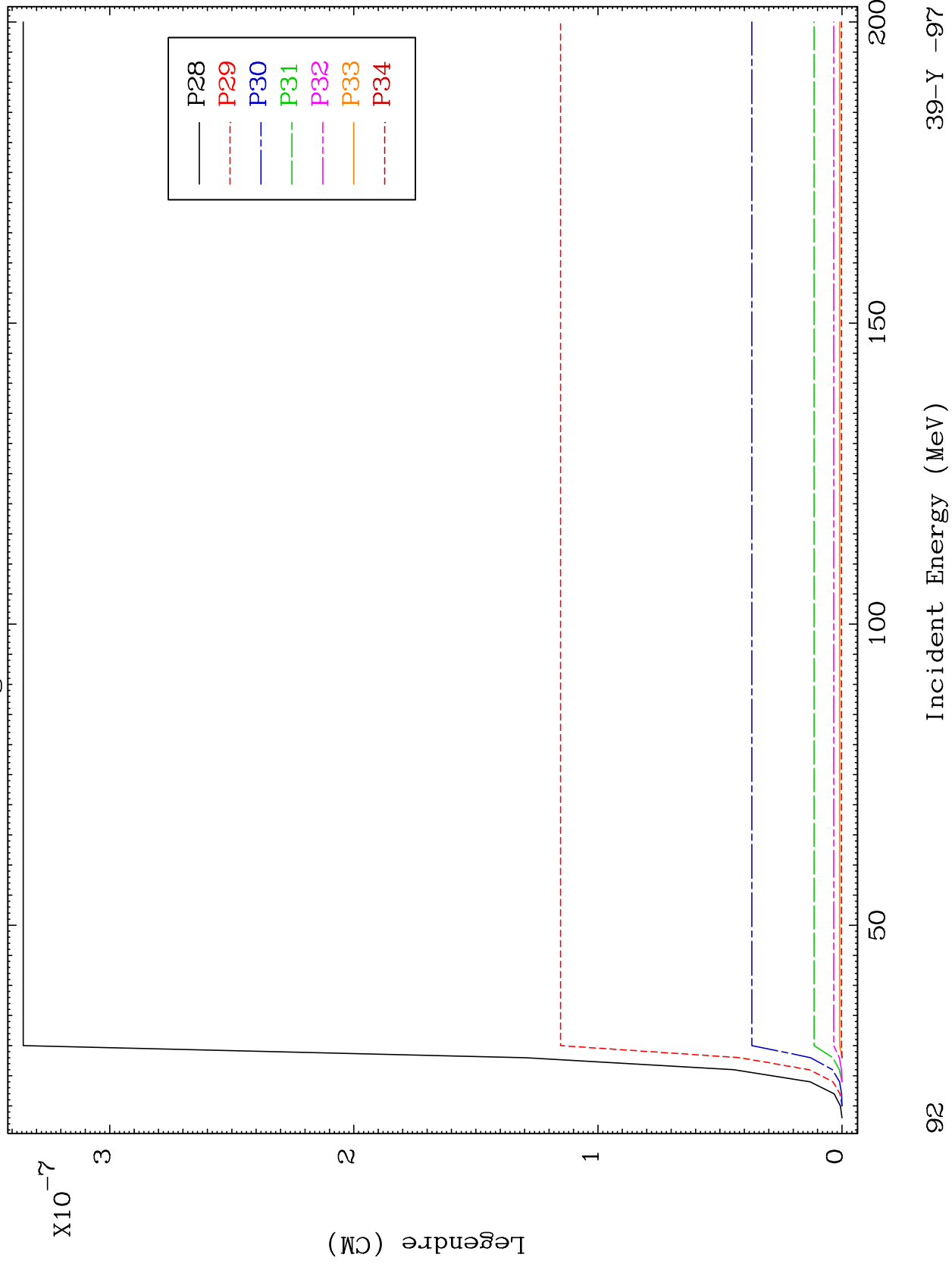
Incident Energy (MeV)

39-Y -97

MAT 3949

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

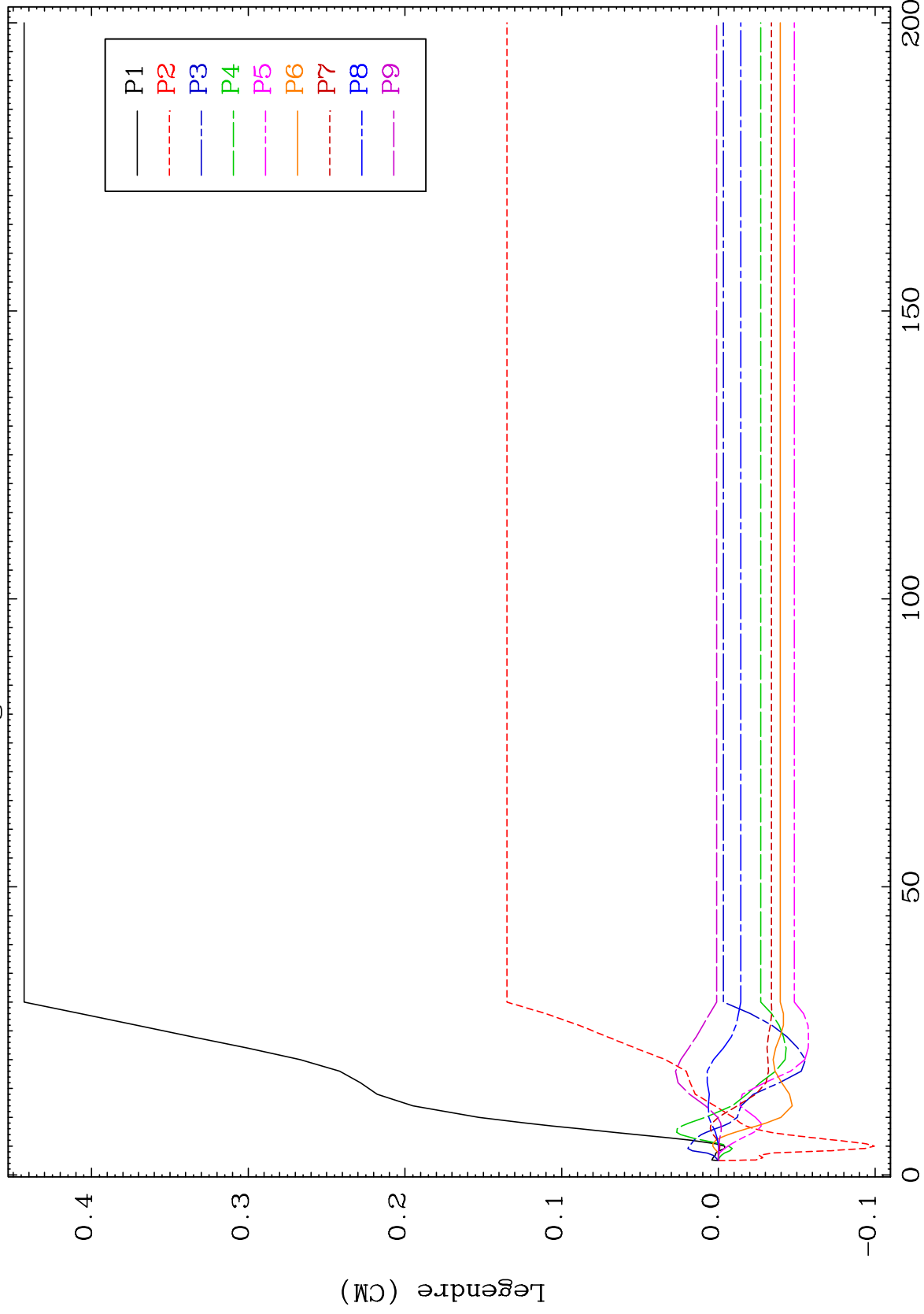
39-Y -97



MAT 3949

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

39-Y -97



93

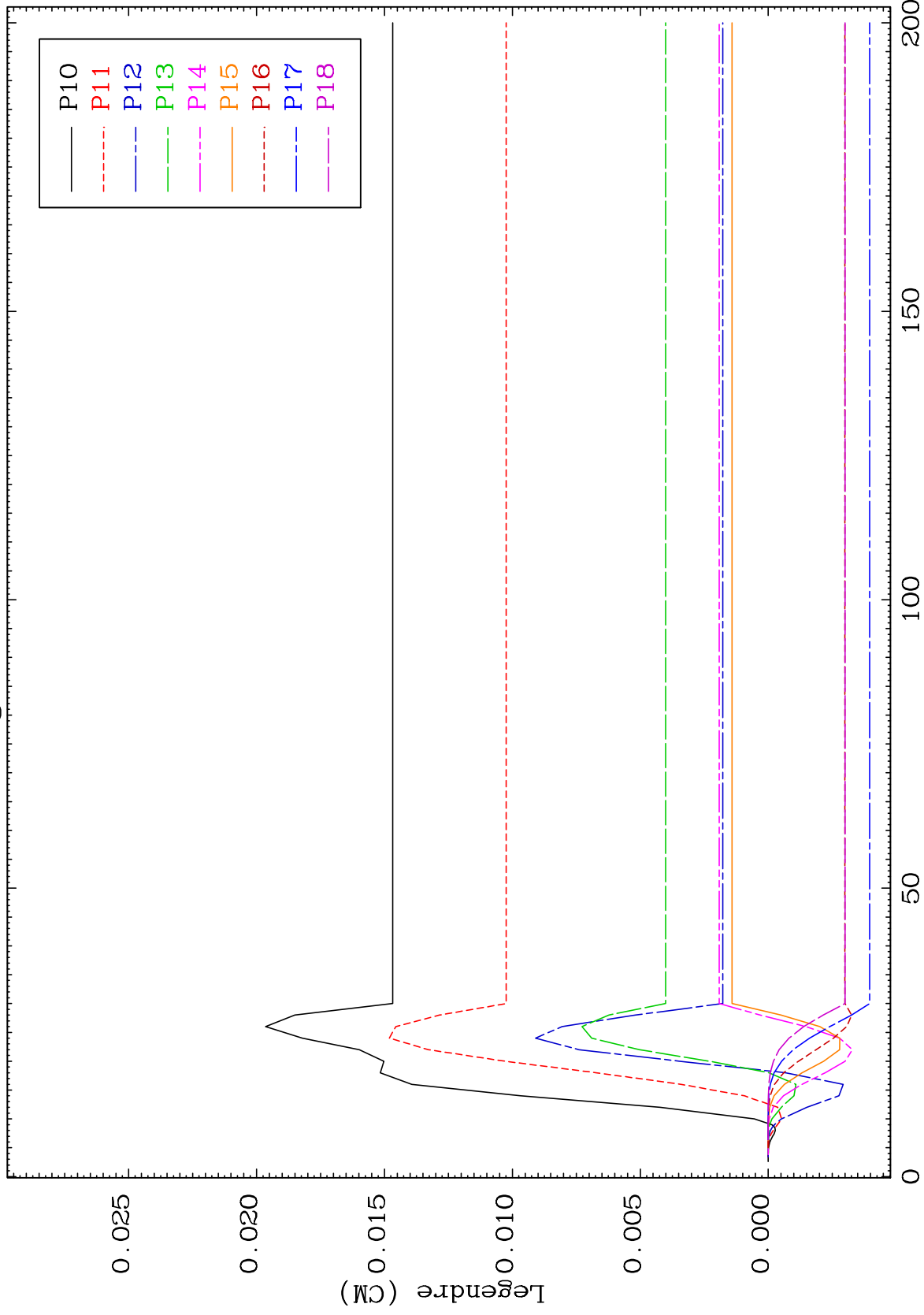
Incident Energy (MeV)

39-Y -97

MAT 3949

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

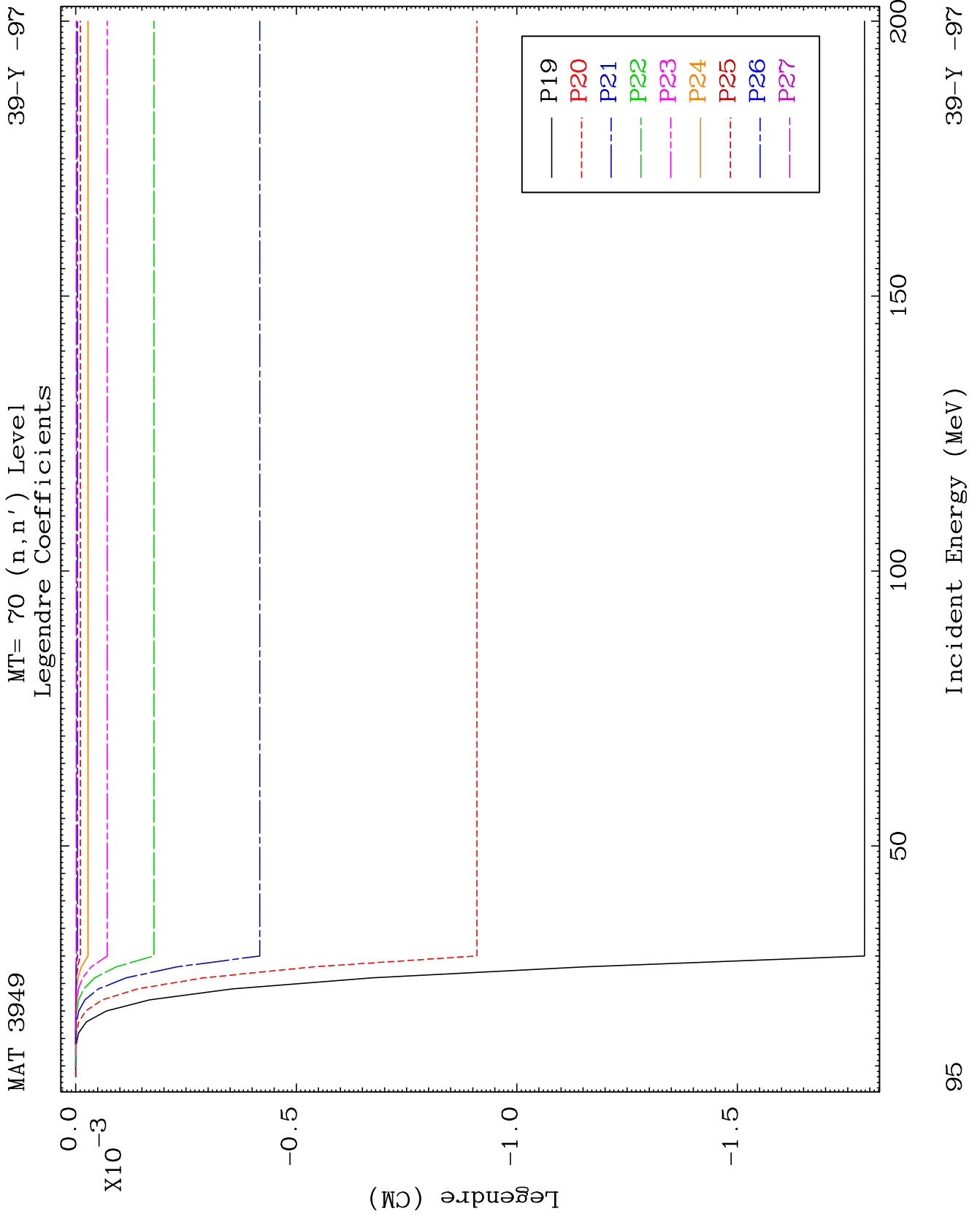
39-Y -97

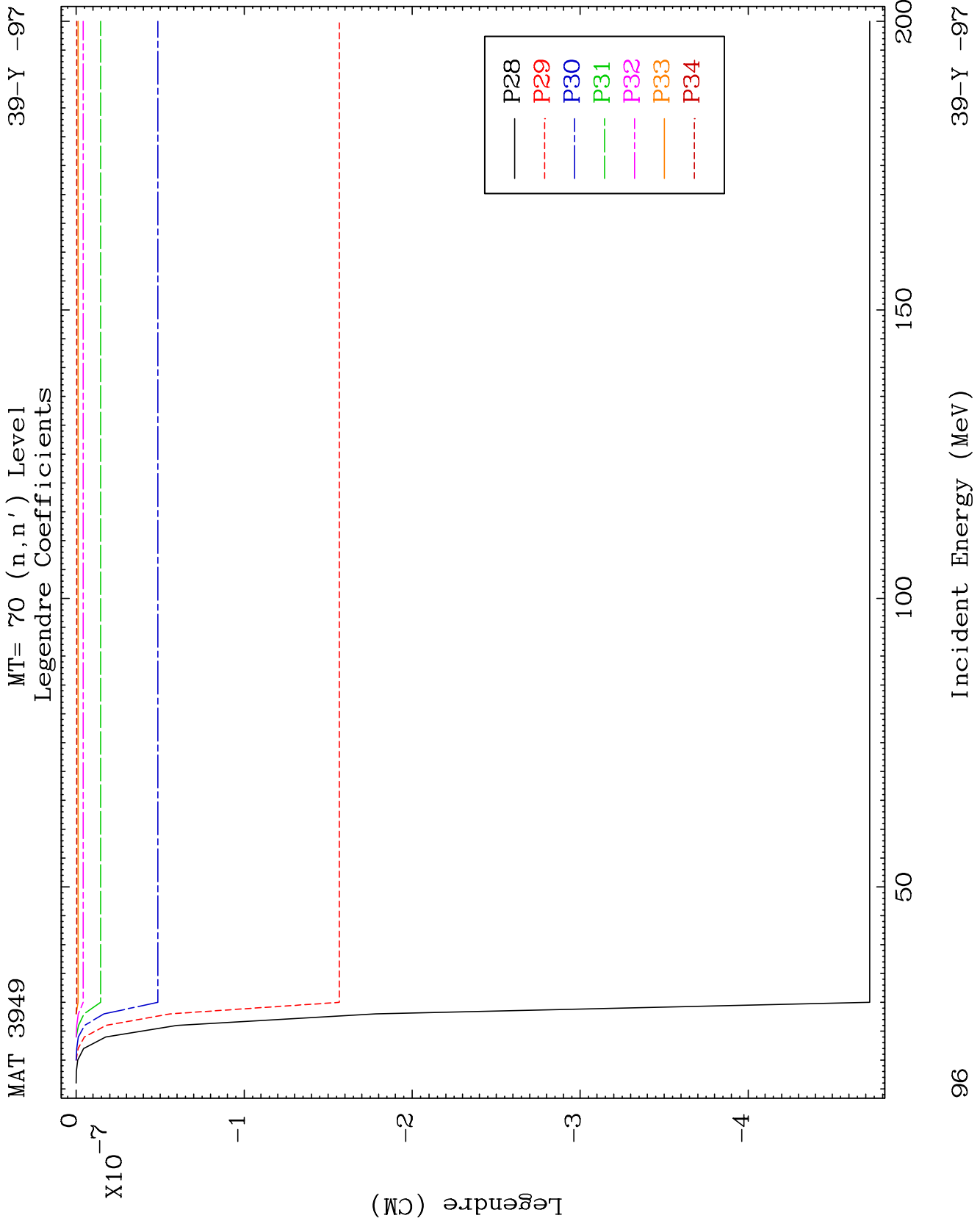


94

Incident Energy (MeV)

39-Y -97

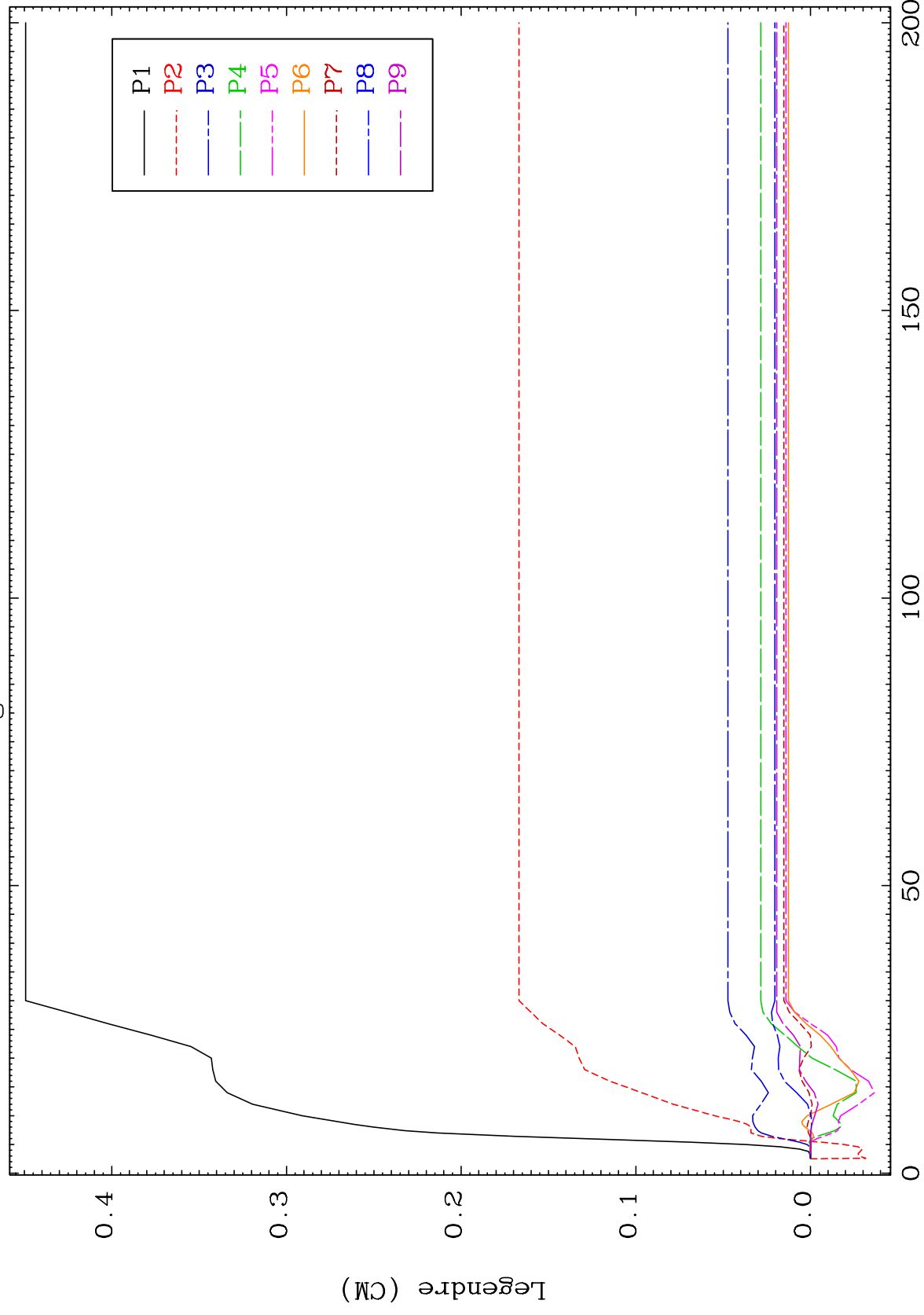




MAT 3949

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

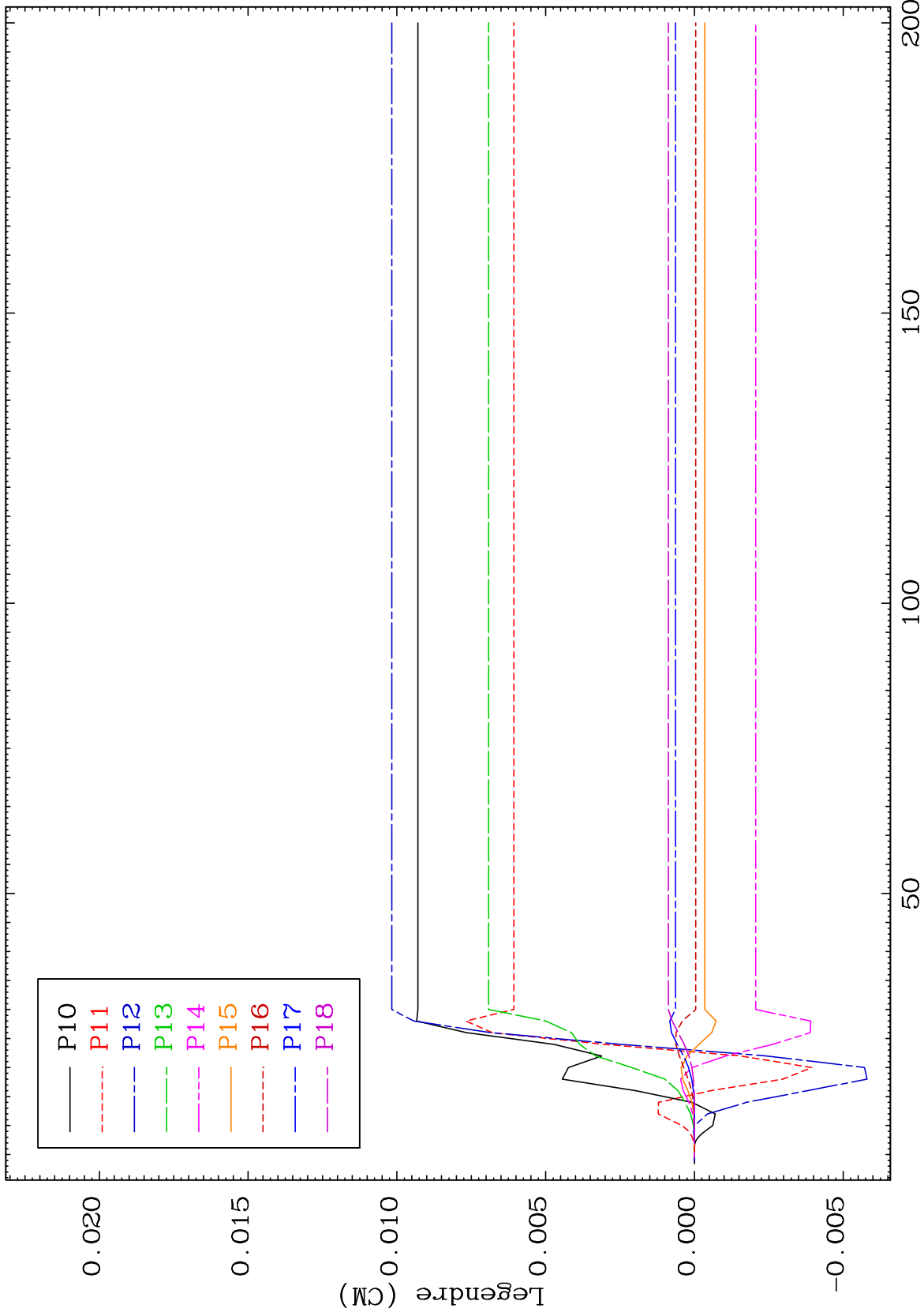
39-Y -97



97

Incident Energy (MeV)

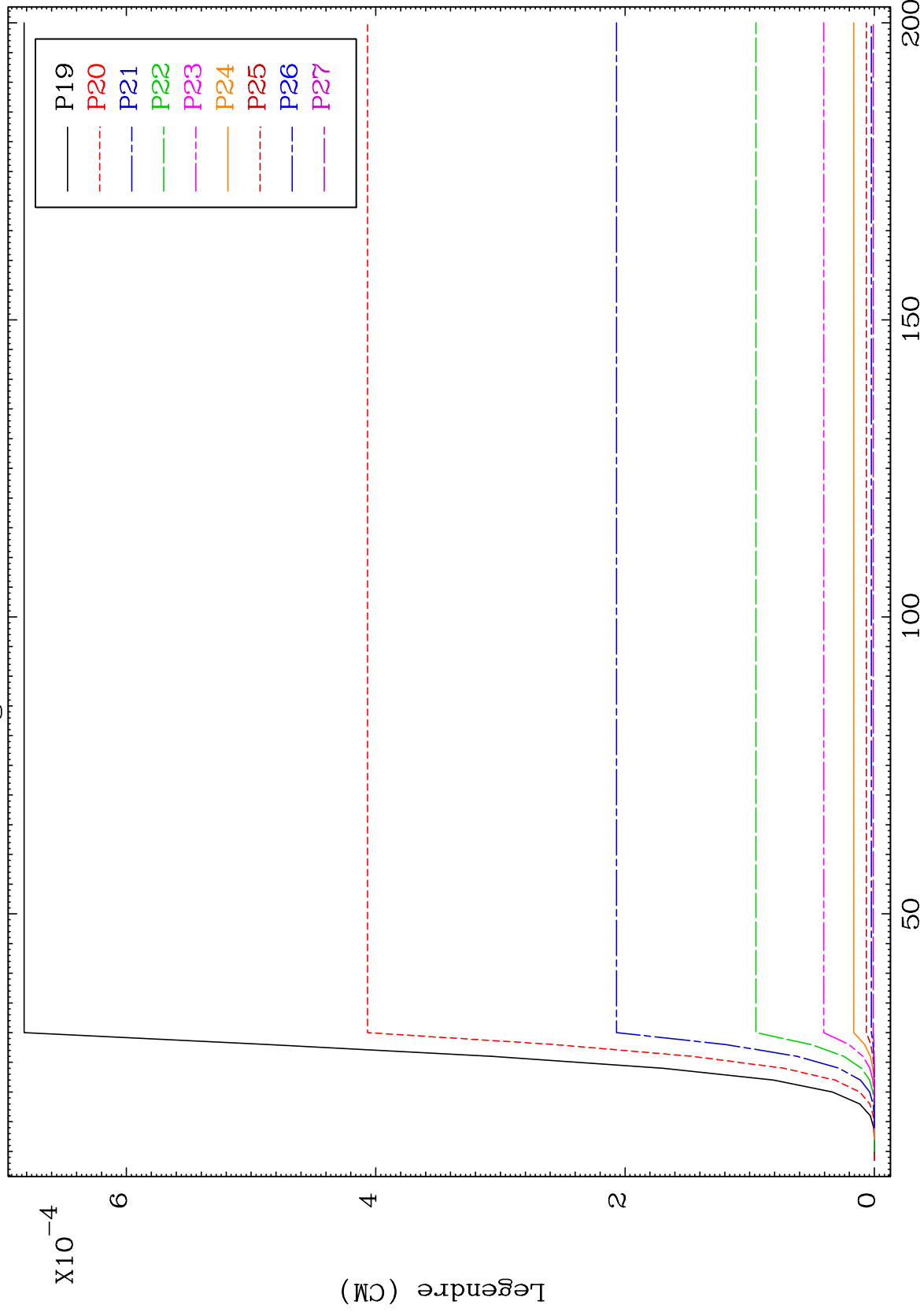
39-Y -97



MAT 3949

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

39-Y -97



99

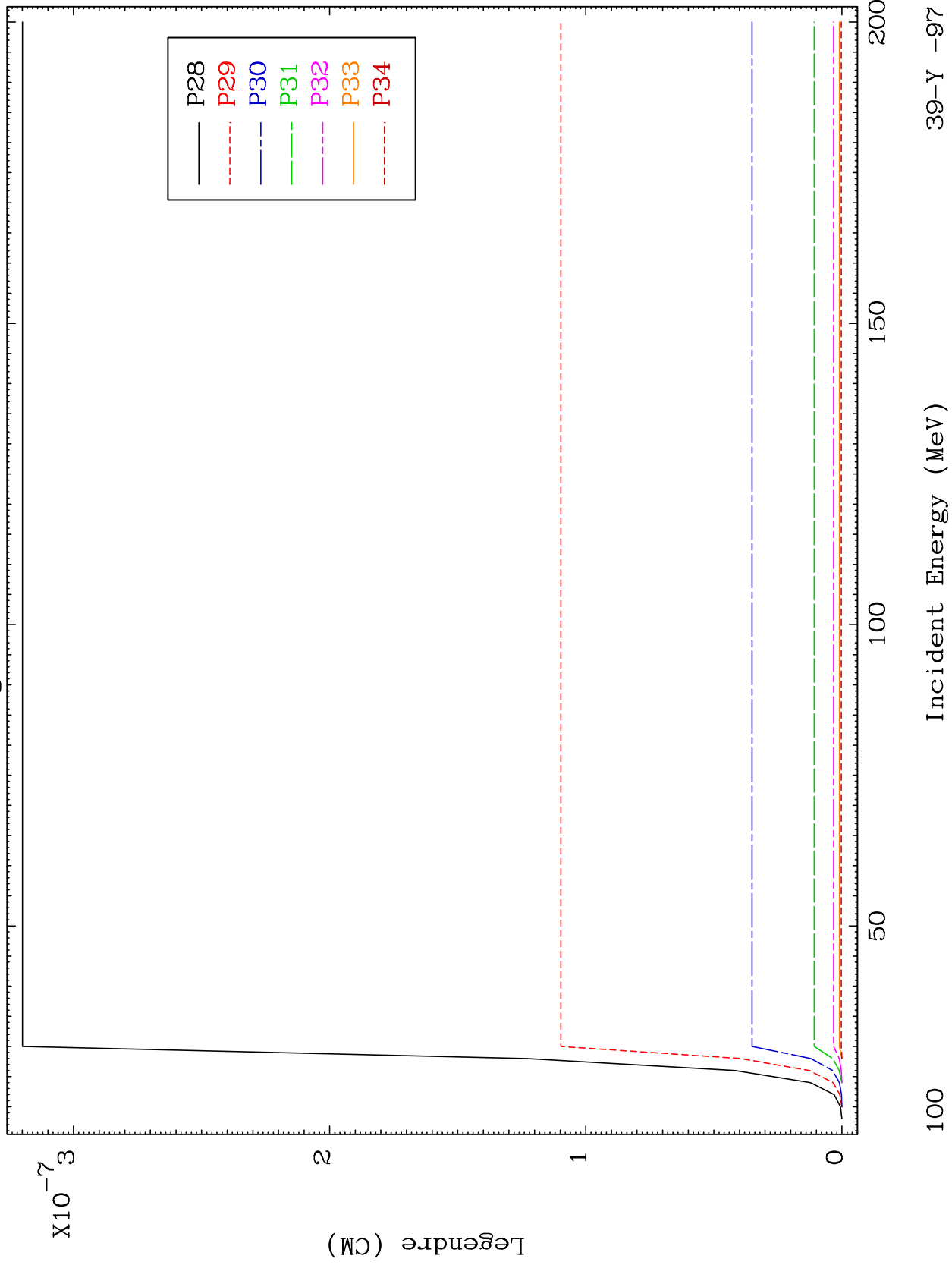
Incident Energy (MeV)

39-Y -97

MAT 3949

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

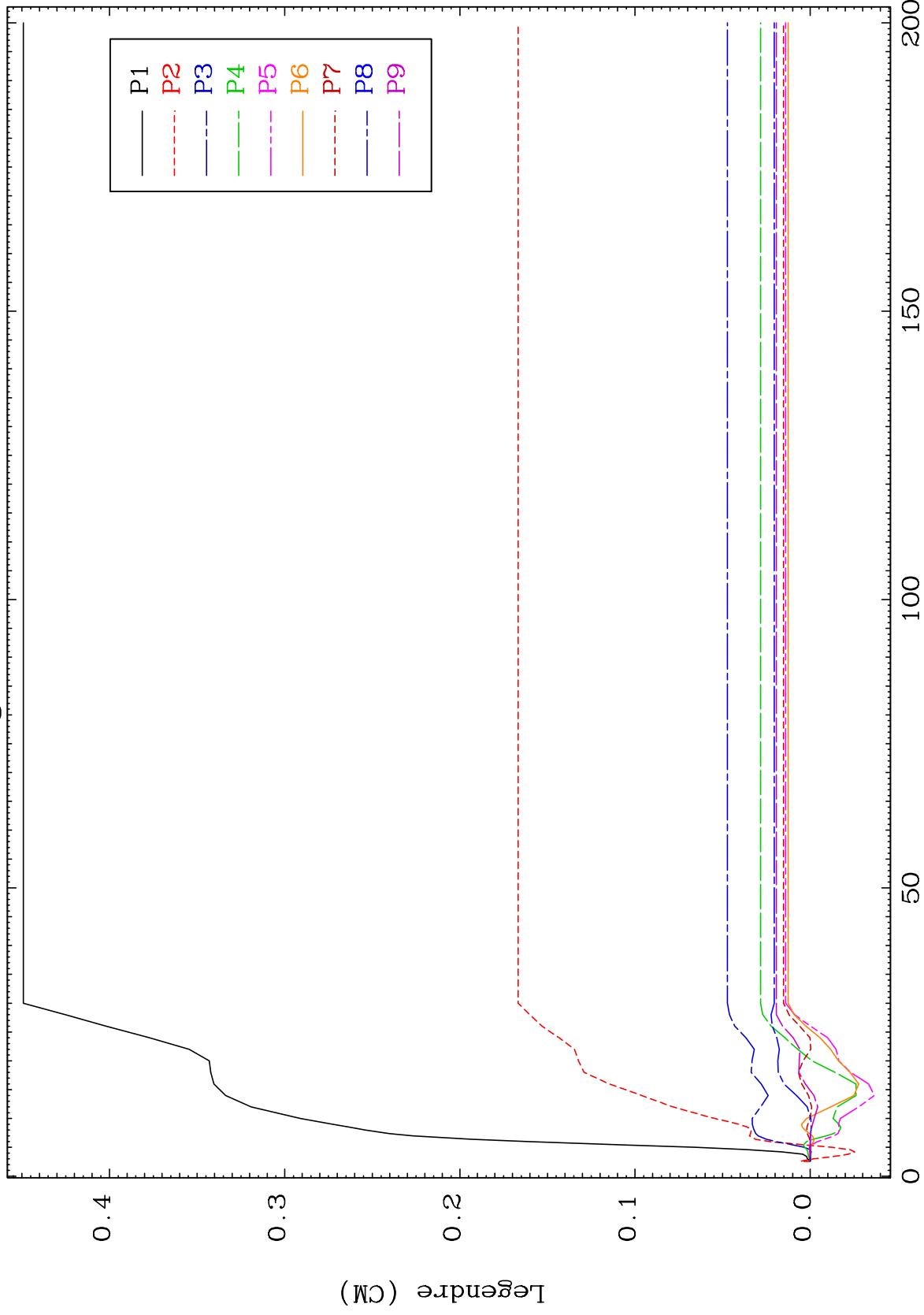
39-Y -97



MAT 3949

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

39-Y -97



101

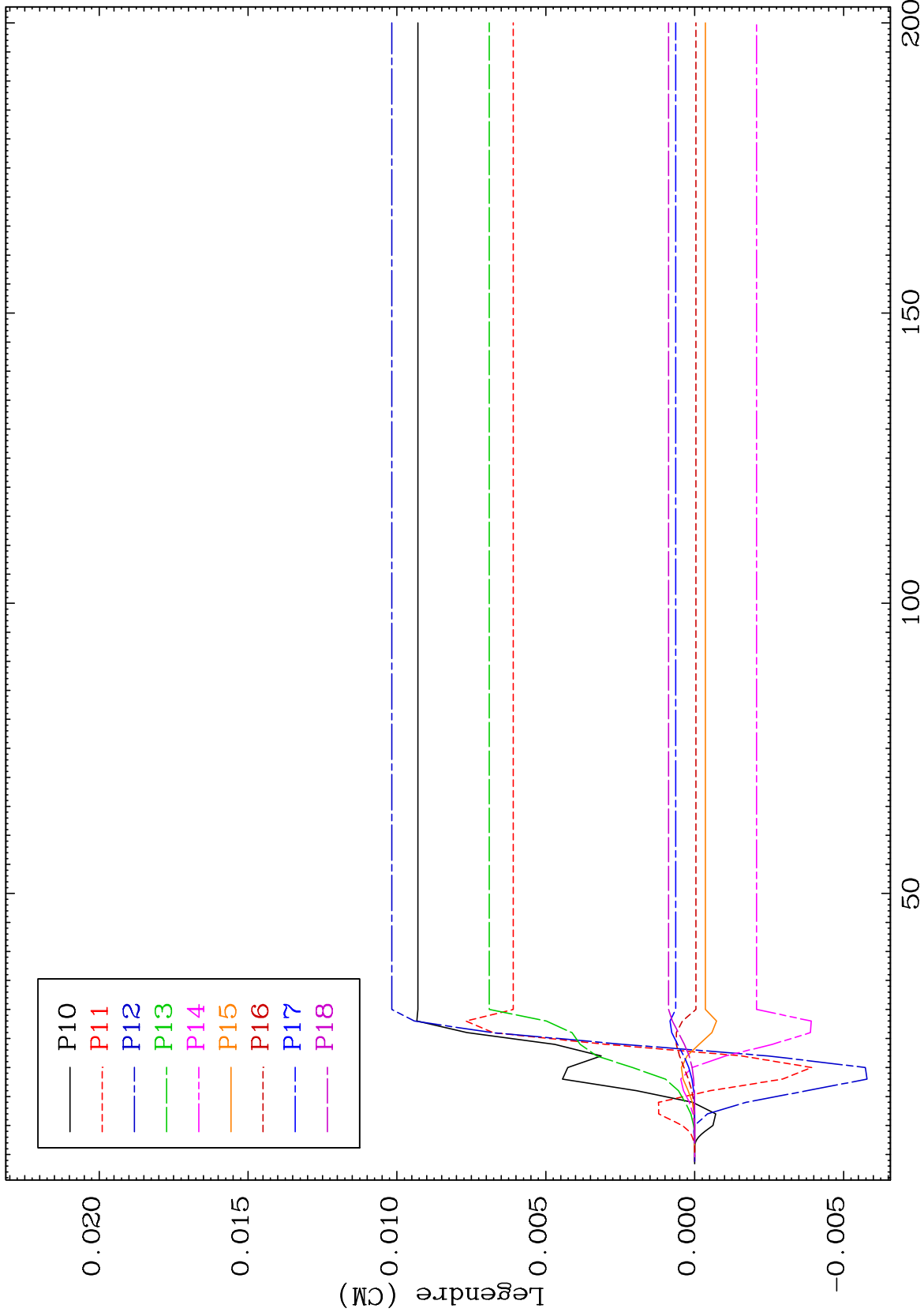
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



102

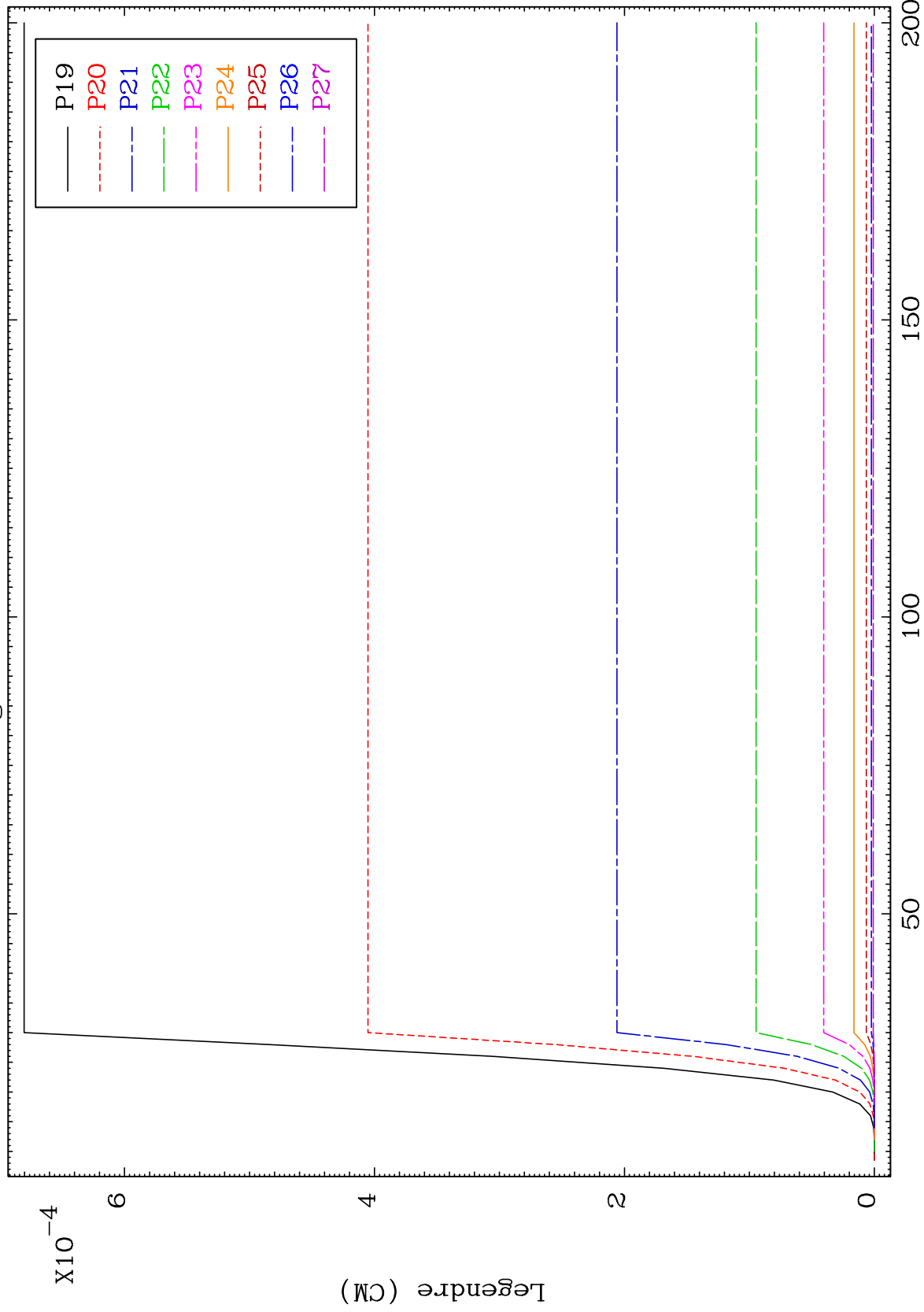
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



103

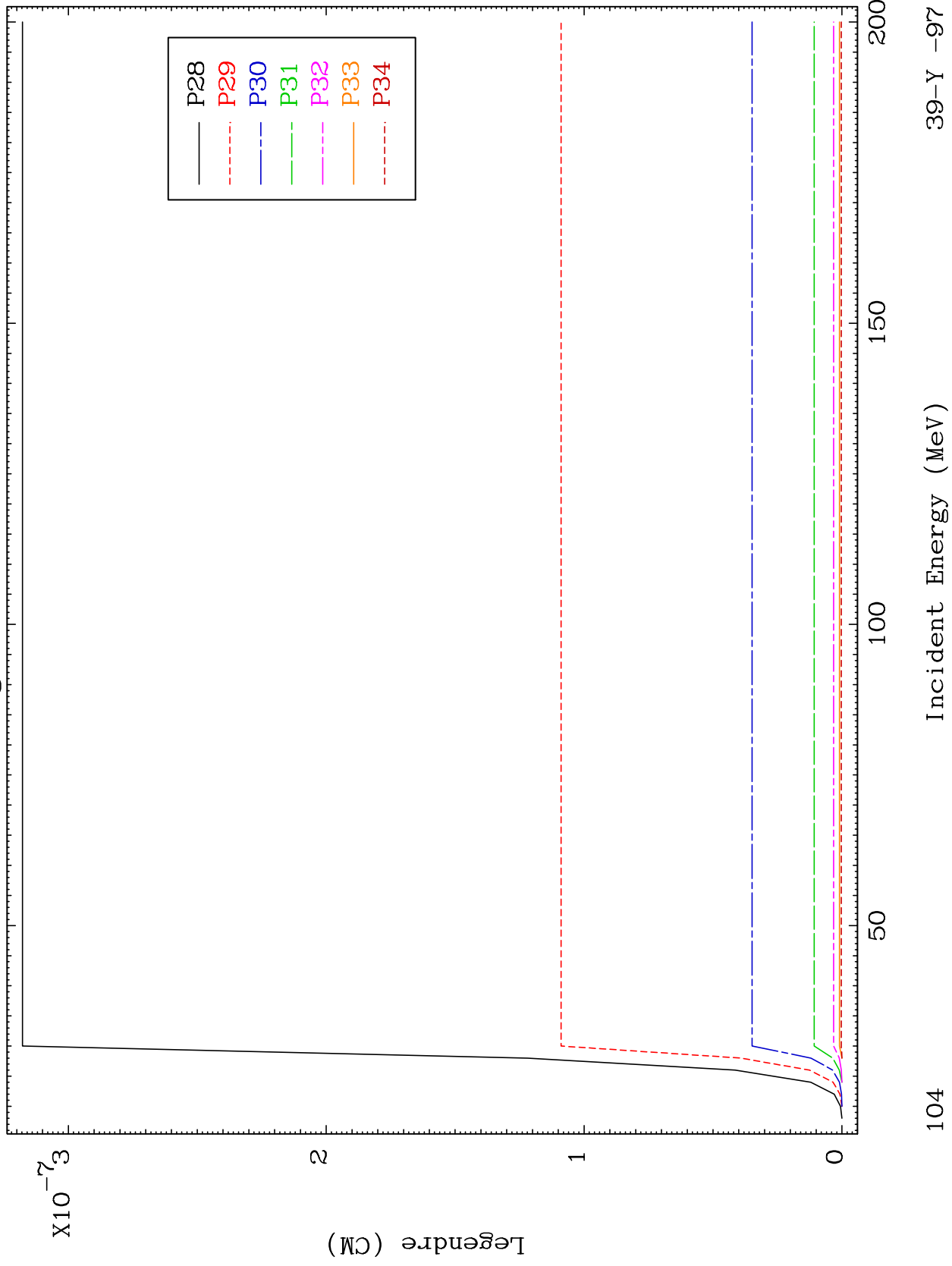
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



104

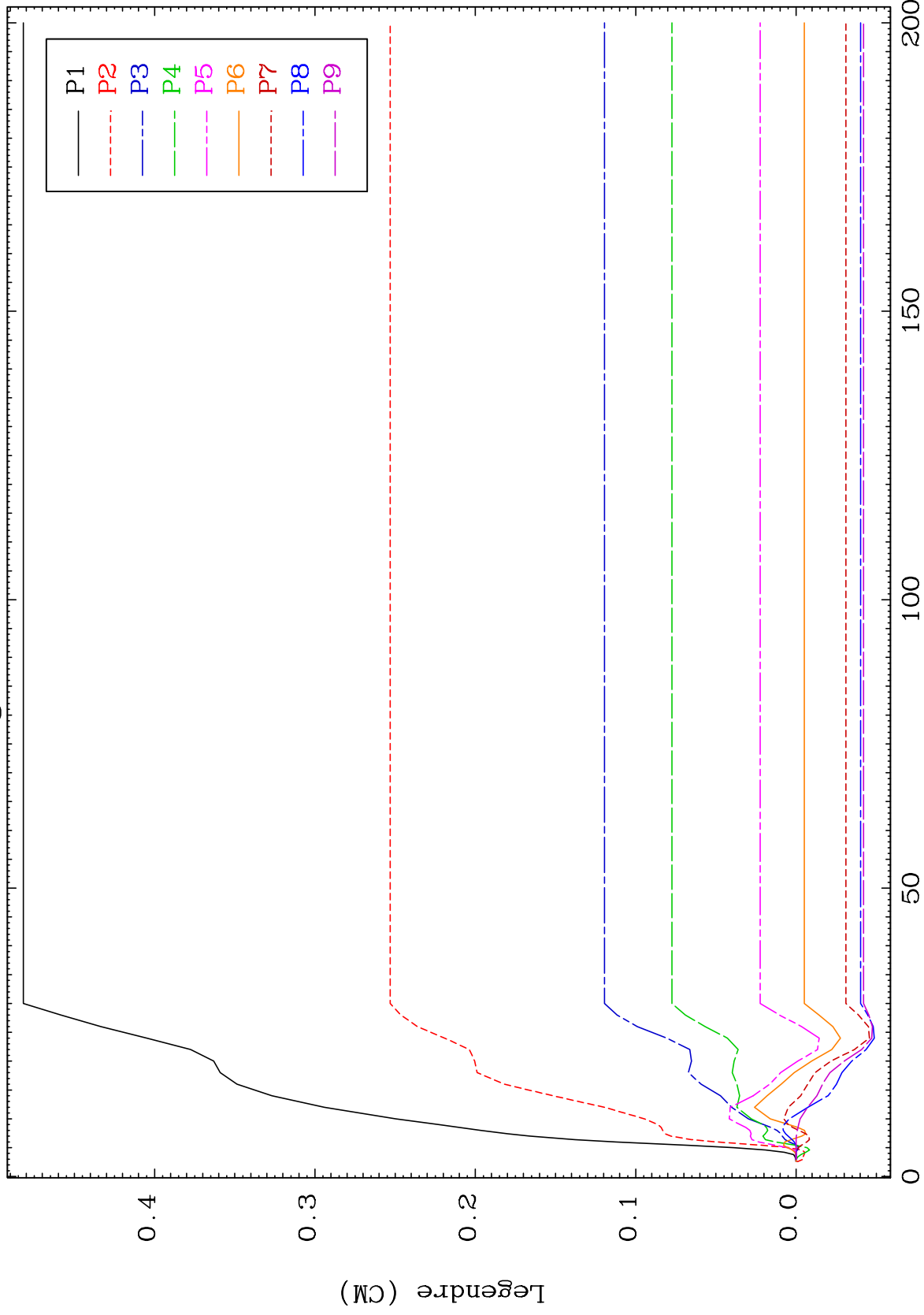
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



105

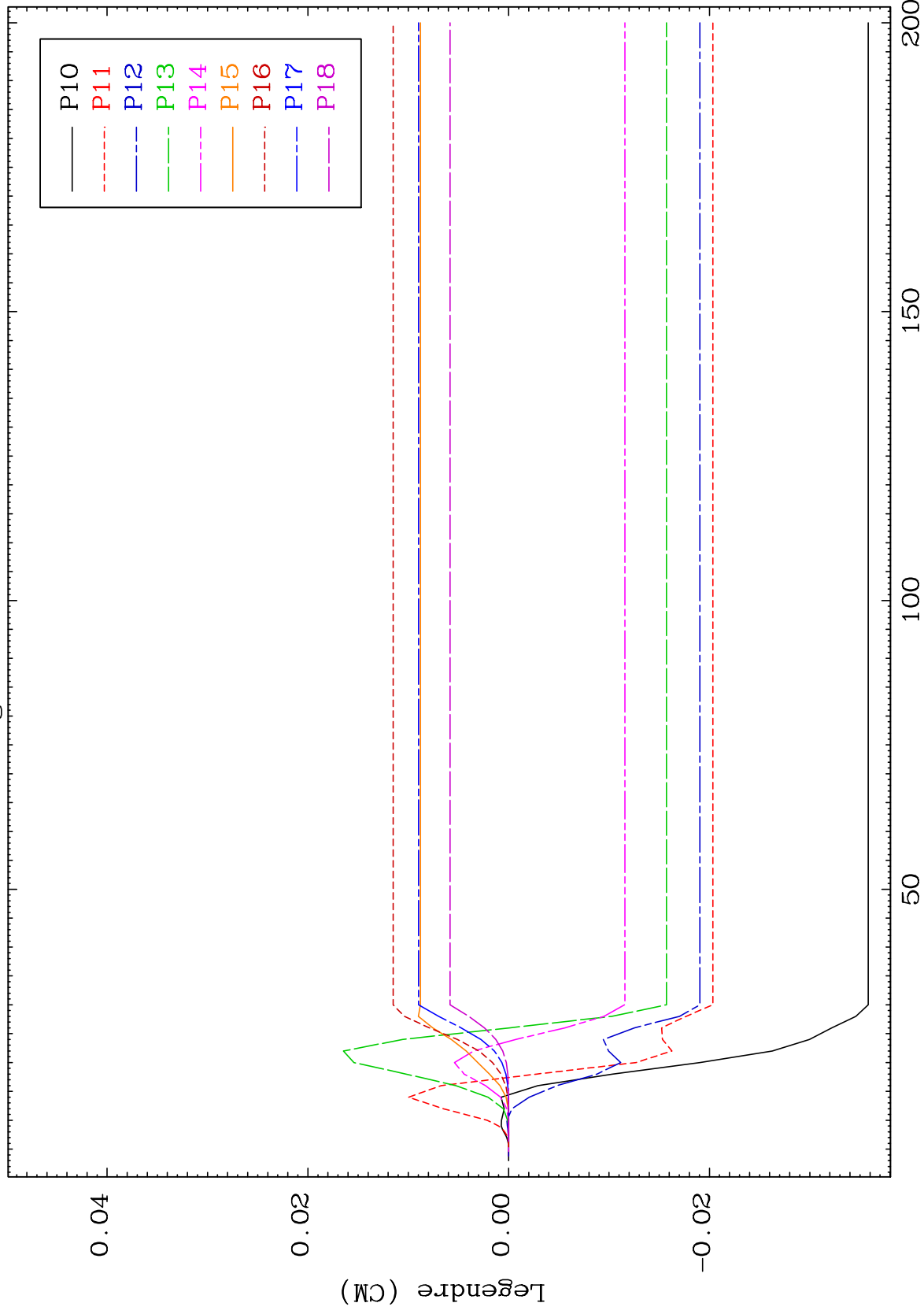
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



106

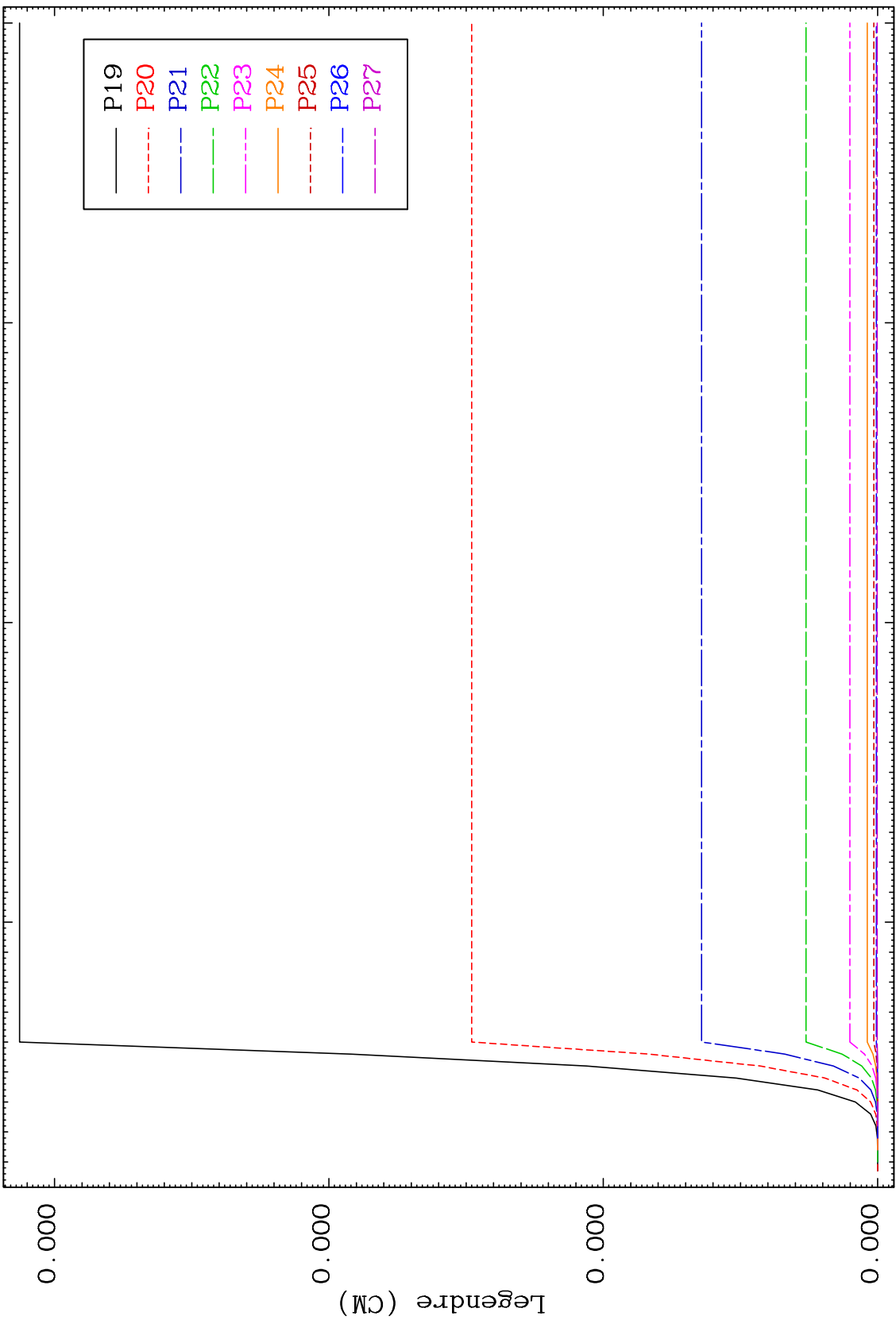
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



107

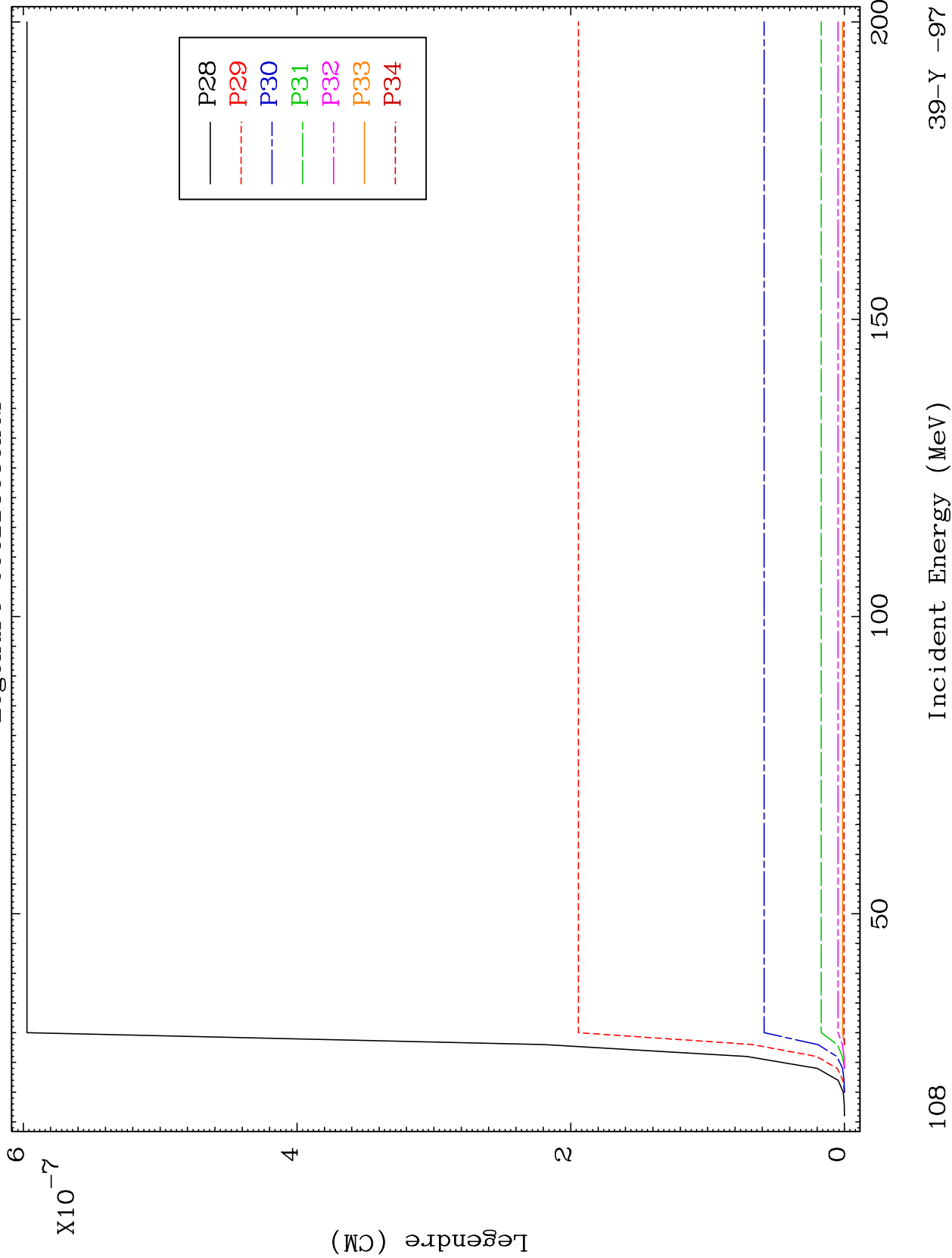
Incident Energy (MeV)

39-Y -97

MAT 3949

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

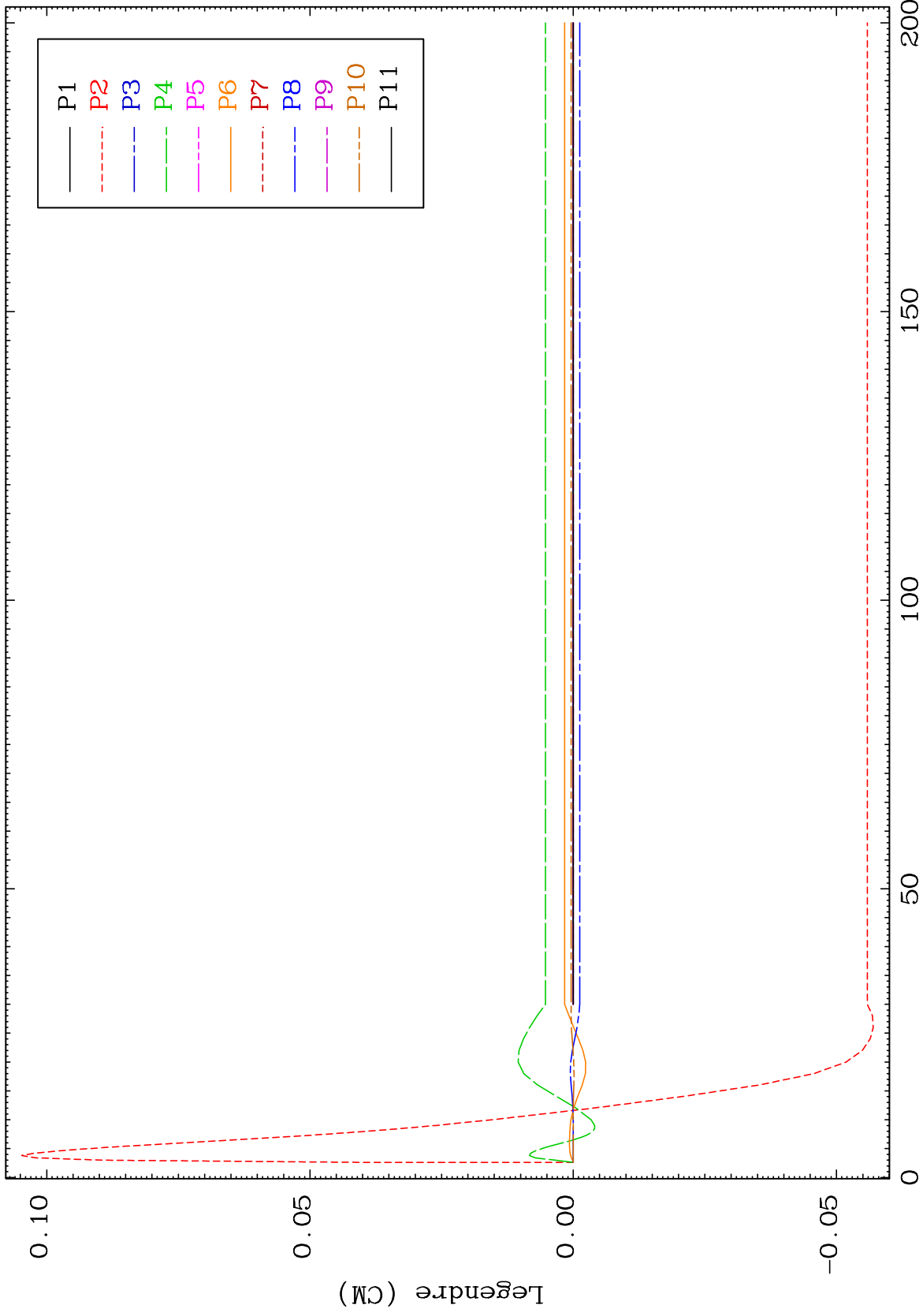
39-Y -97



MAT 3949

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

39-Y -97



109

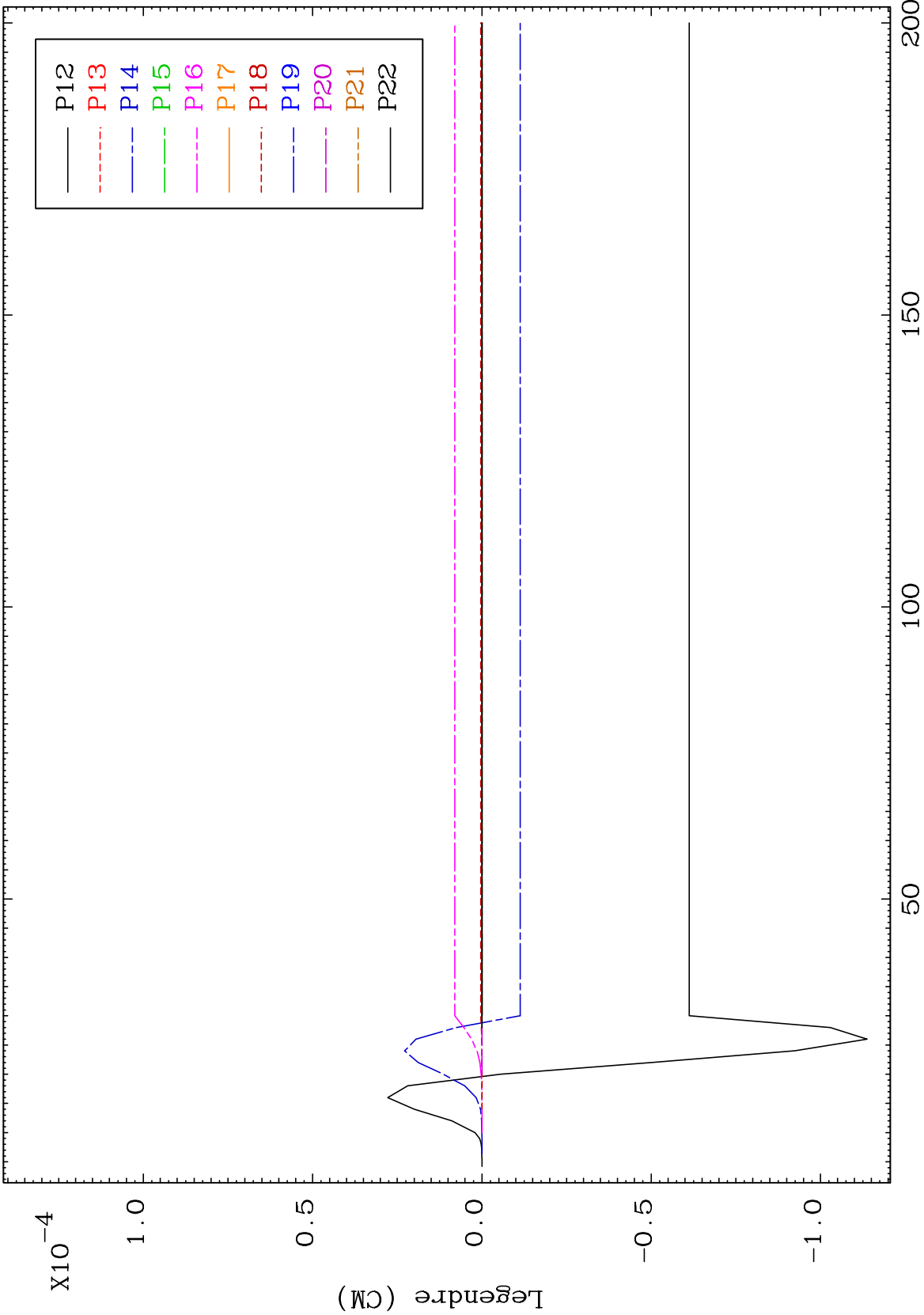
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



110

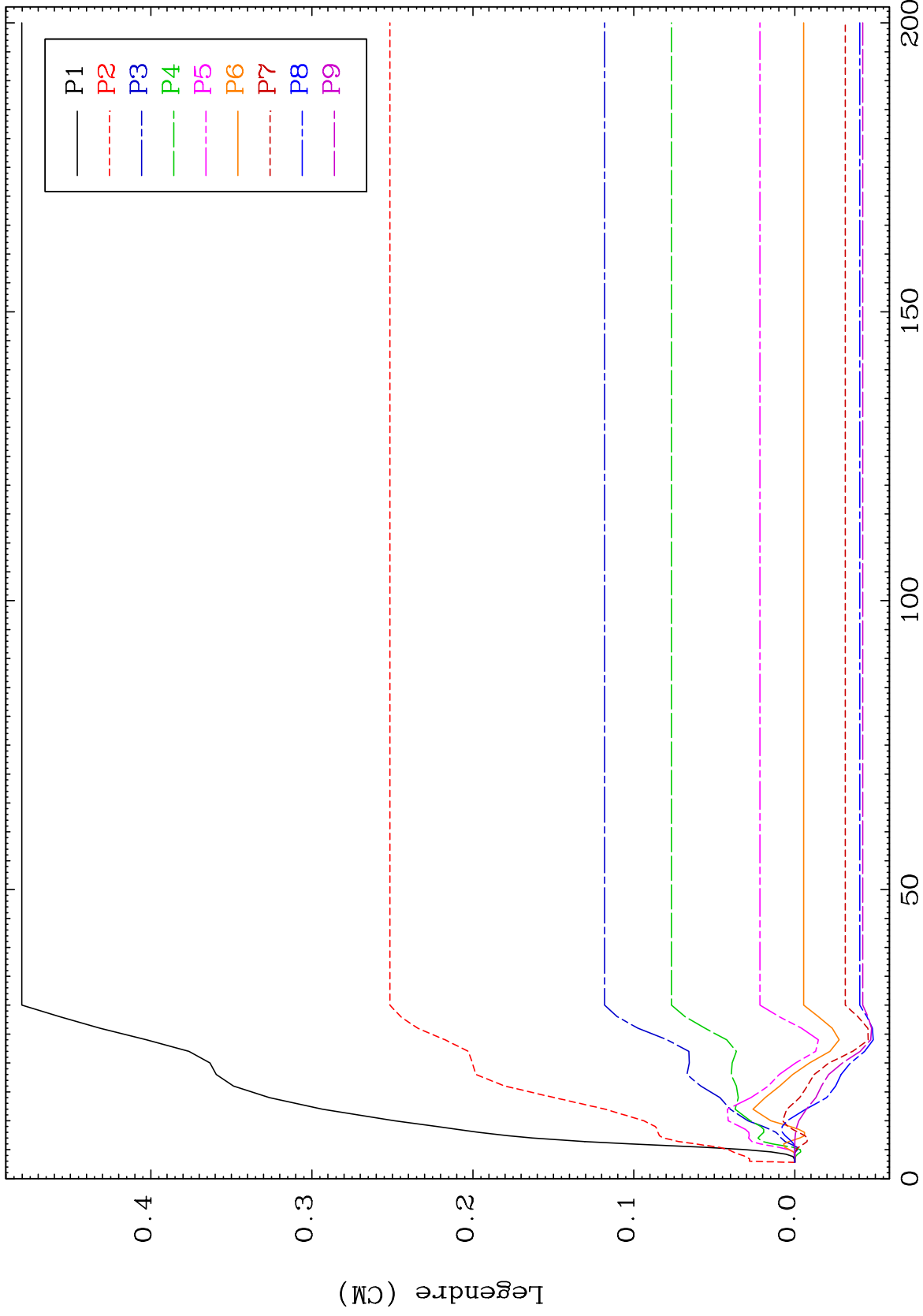
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



111

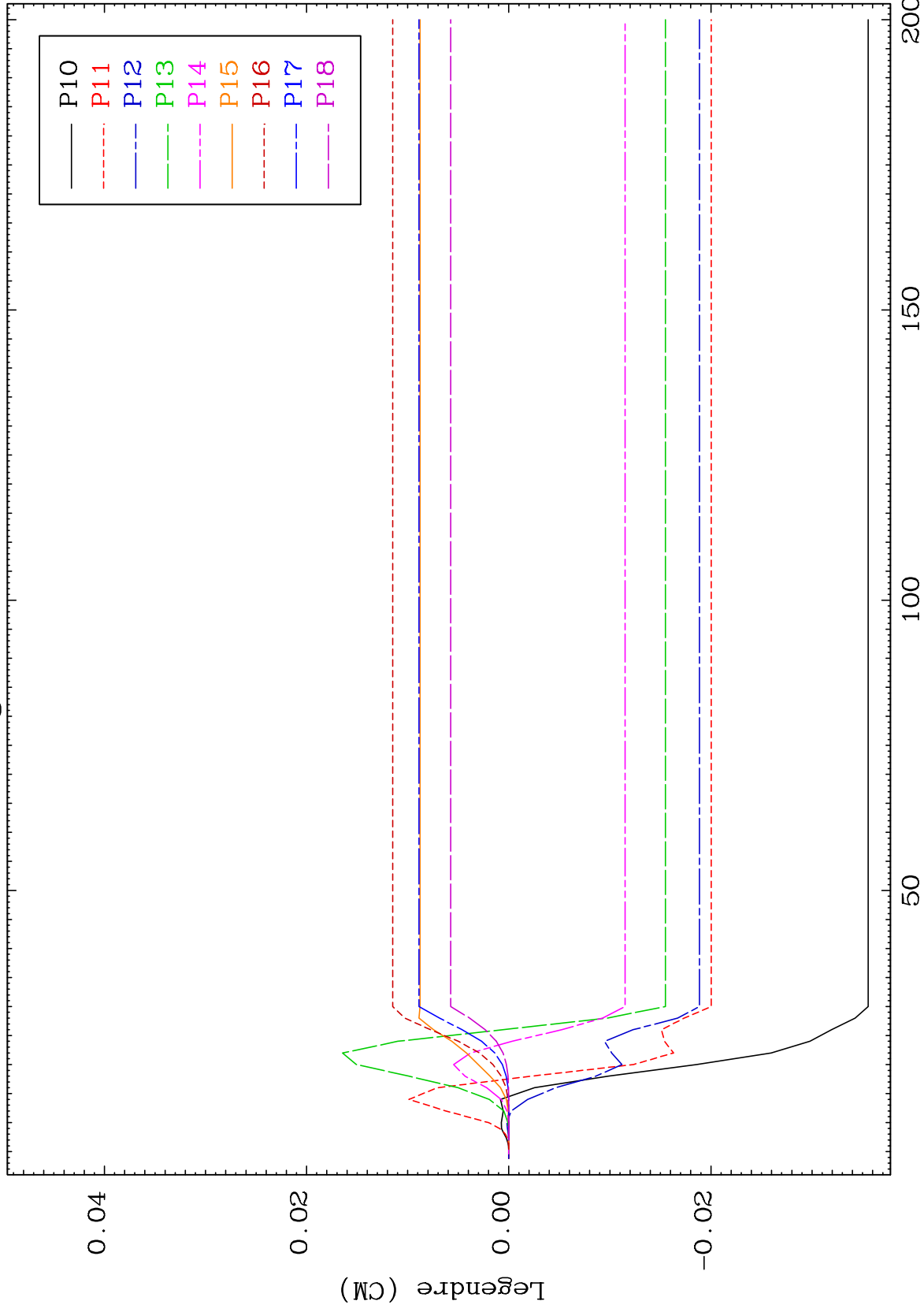
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



112

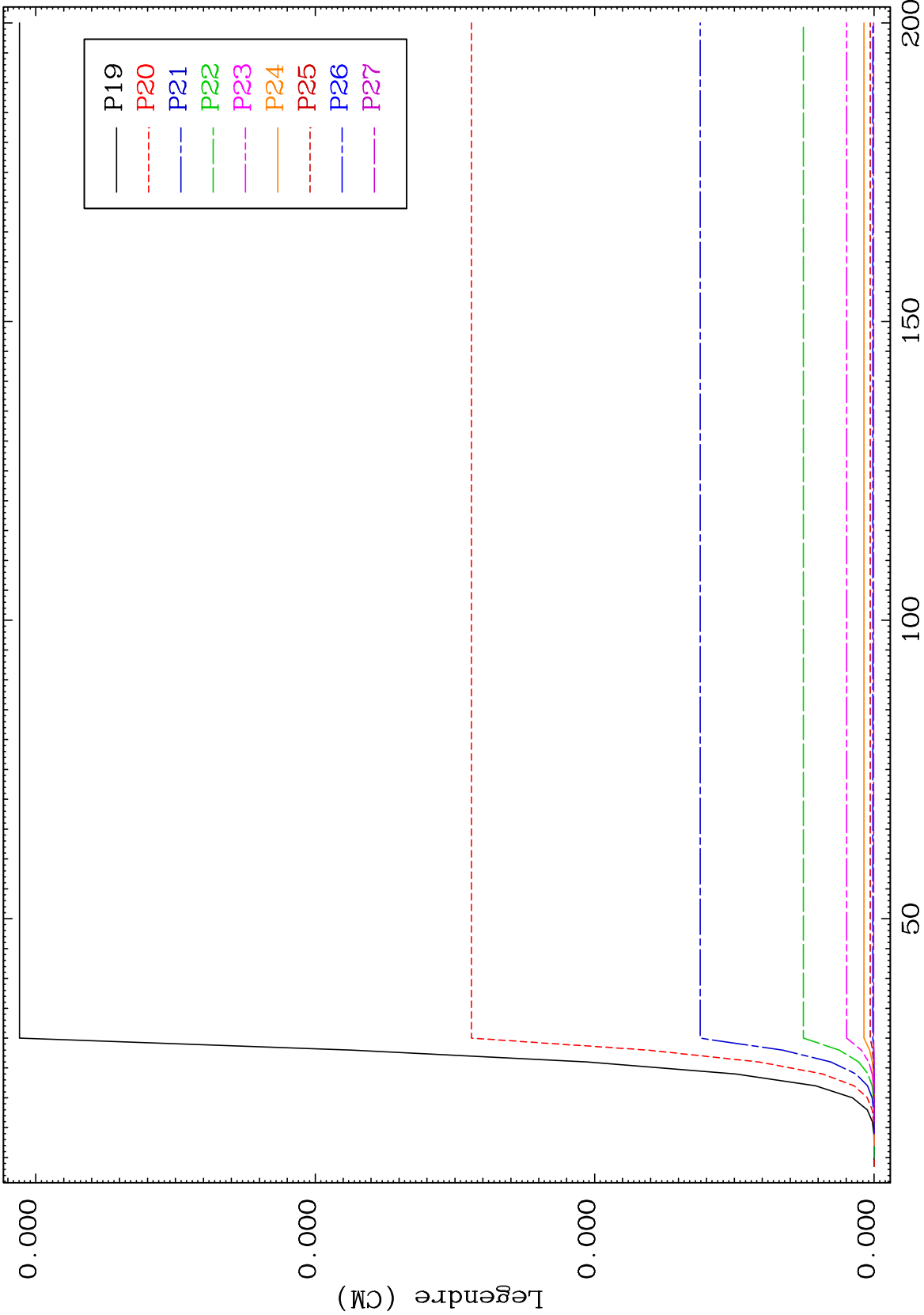
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



113

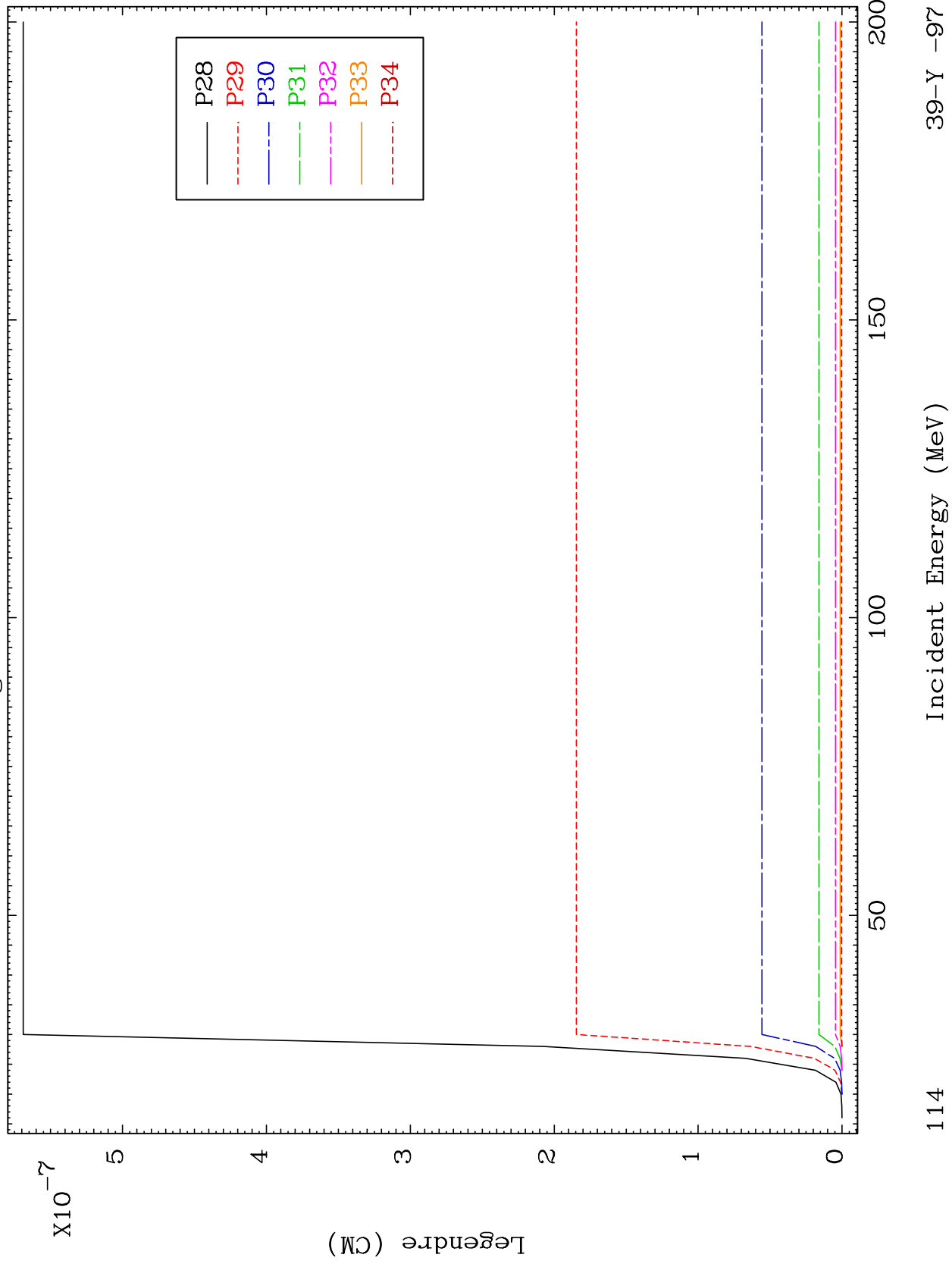
Incident Energy (MeV)

39-Y -97

MAT 3949

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

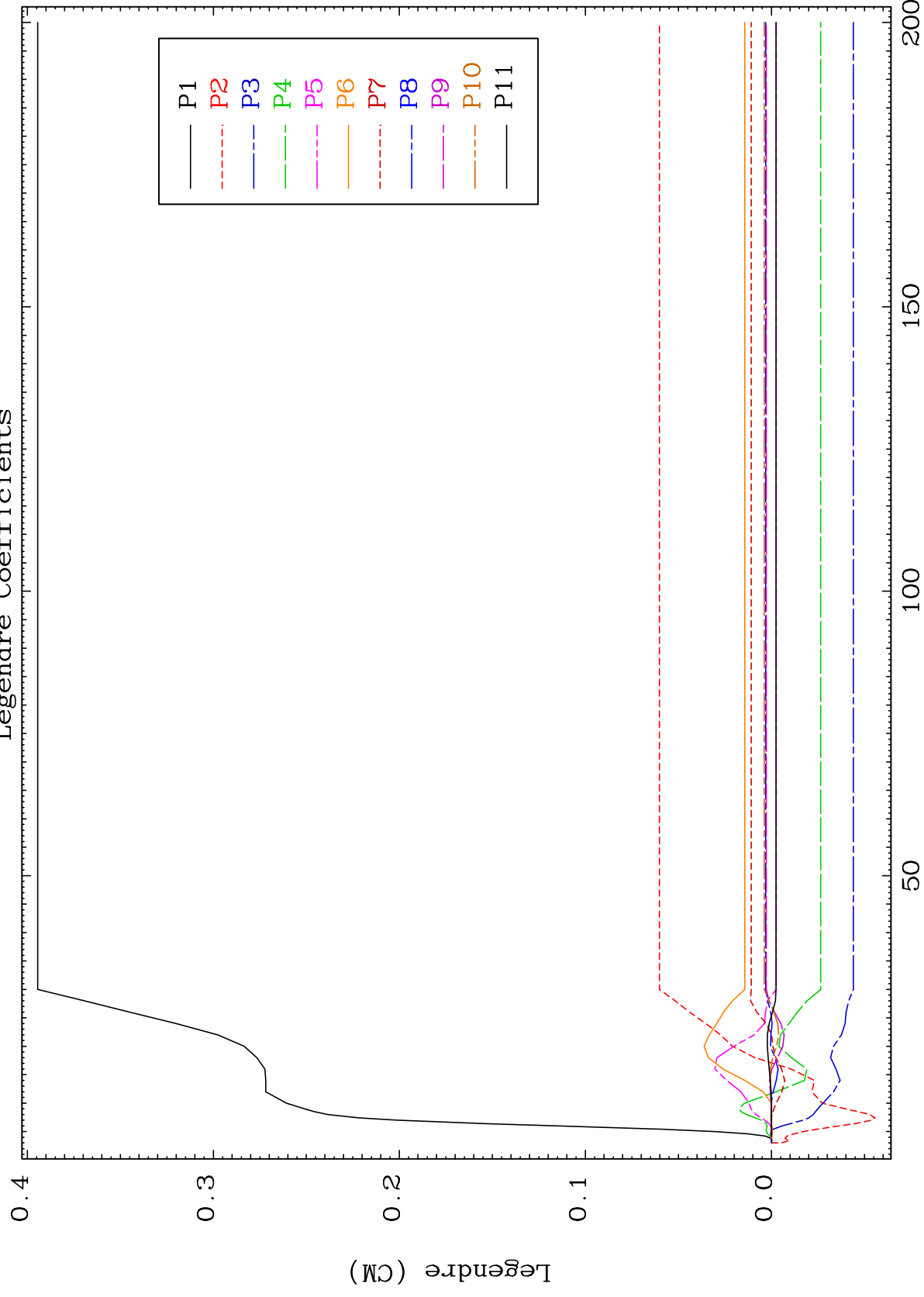
39-Y -97



MAT 3949

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

39-Y -97



115

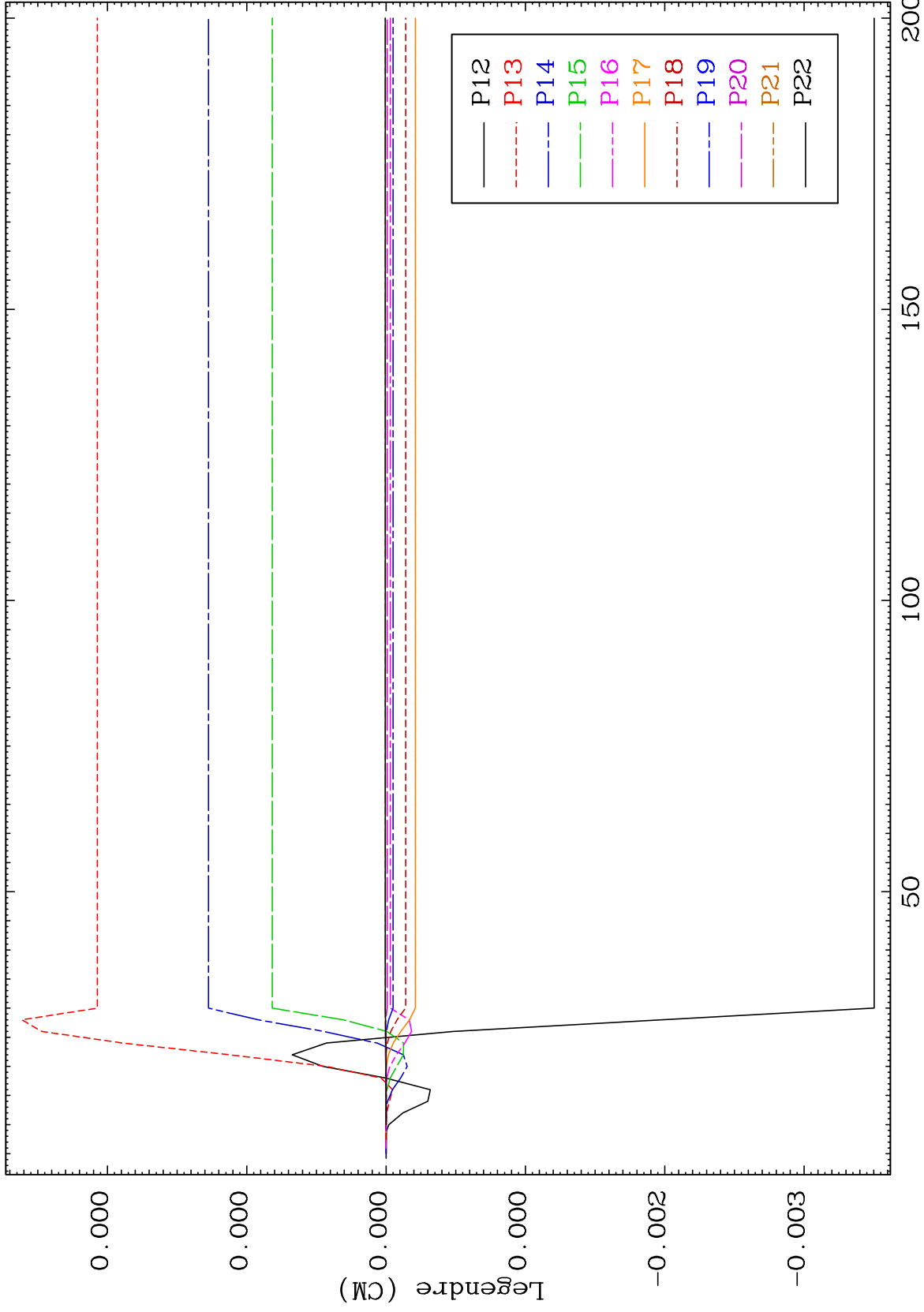
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



116

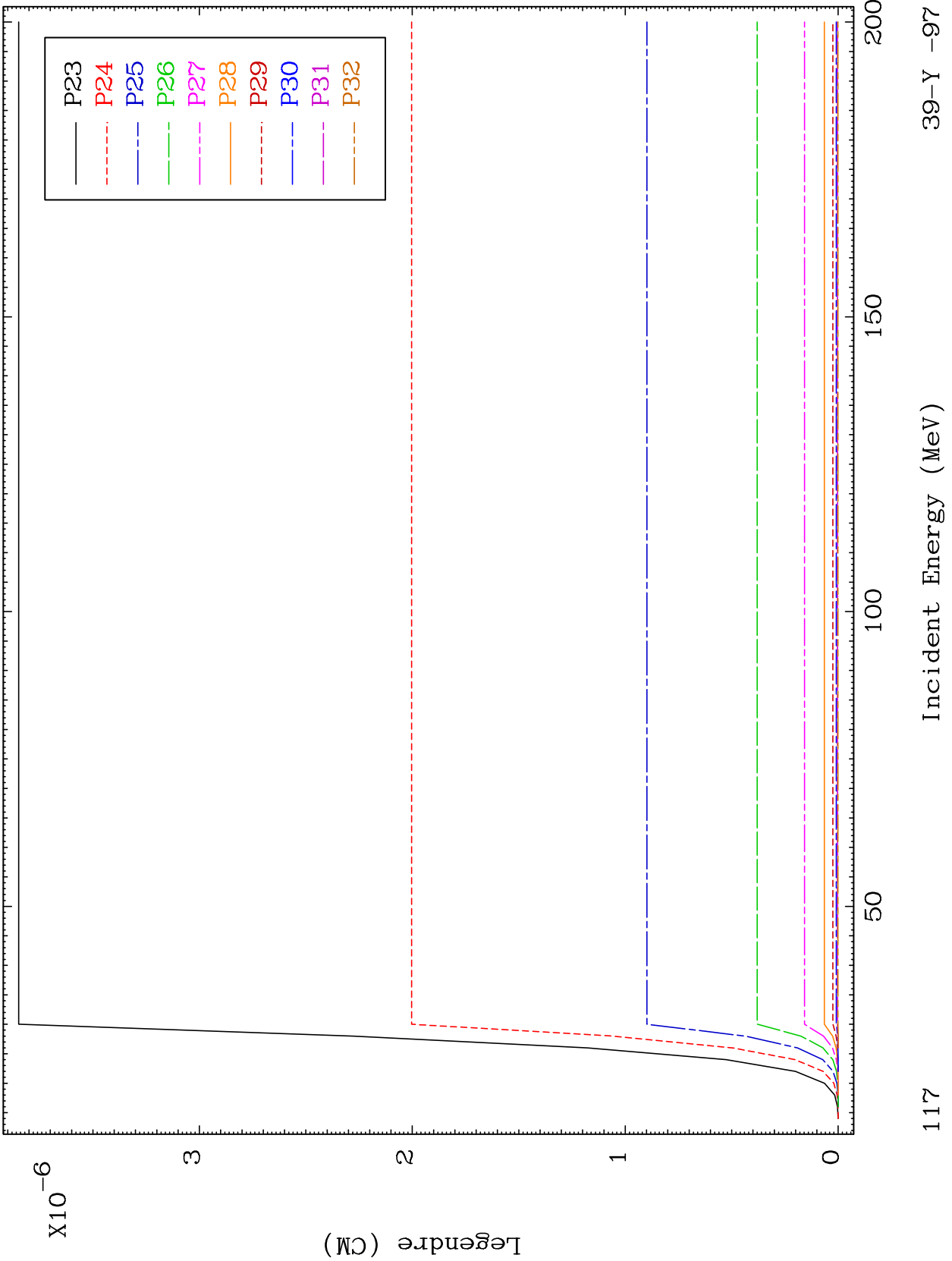
Incident Energy (MeV)

39-Y -97

MAT 3949

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

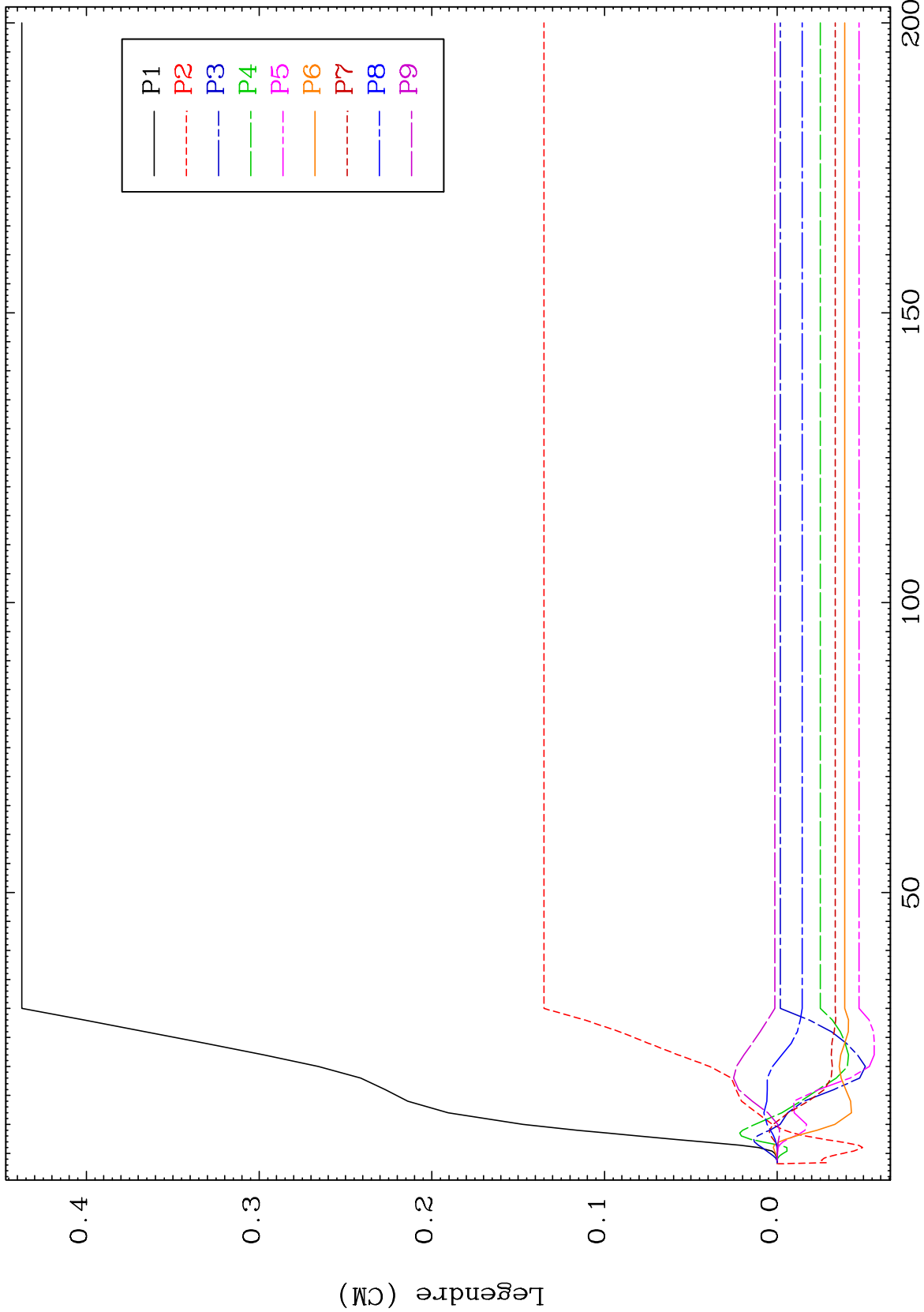
39-Y -97



MAT 3949

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

39-Y -97



118

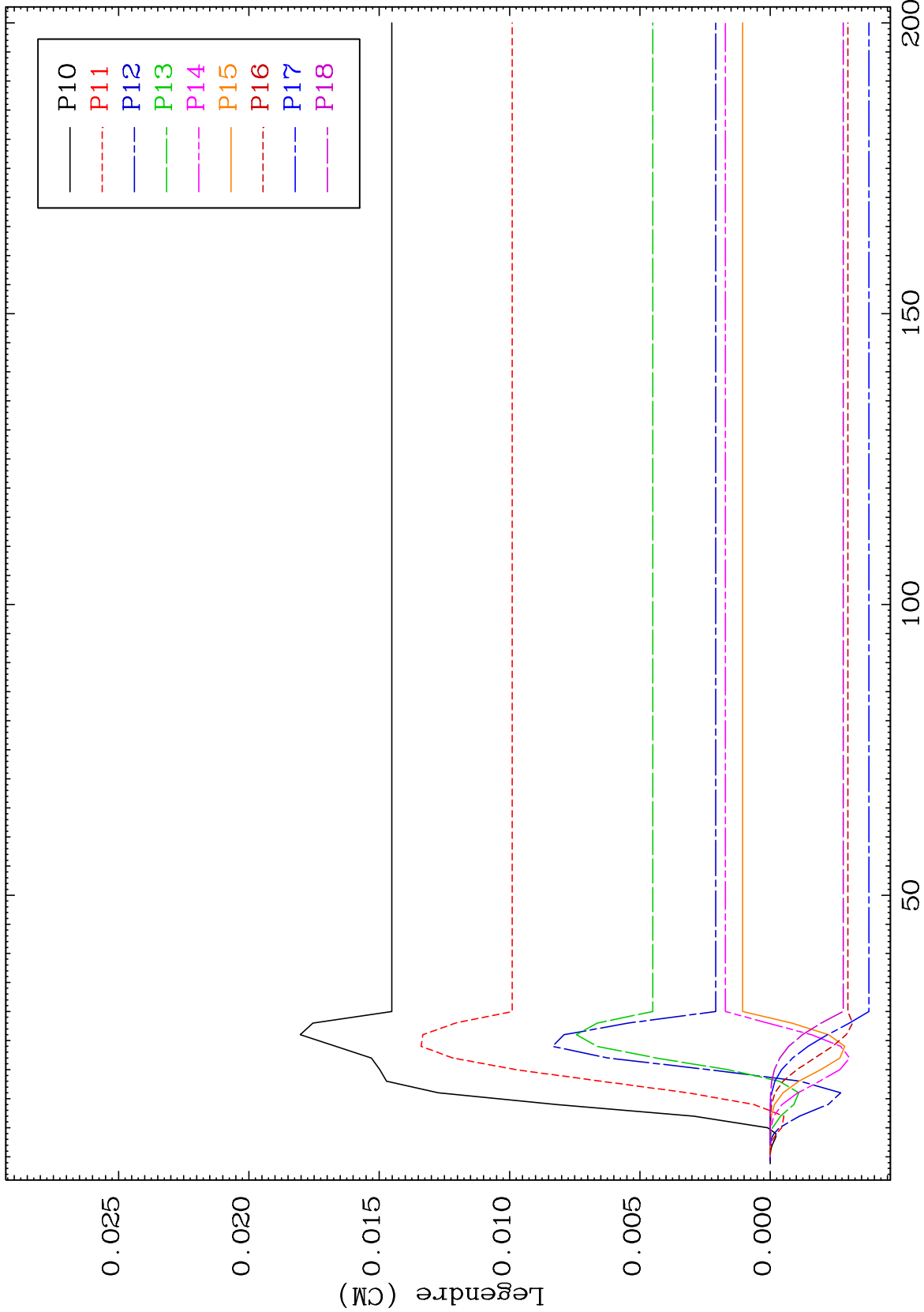
Incident Energy (MeV)

39-Y -97

MAT 3949

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

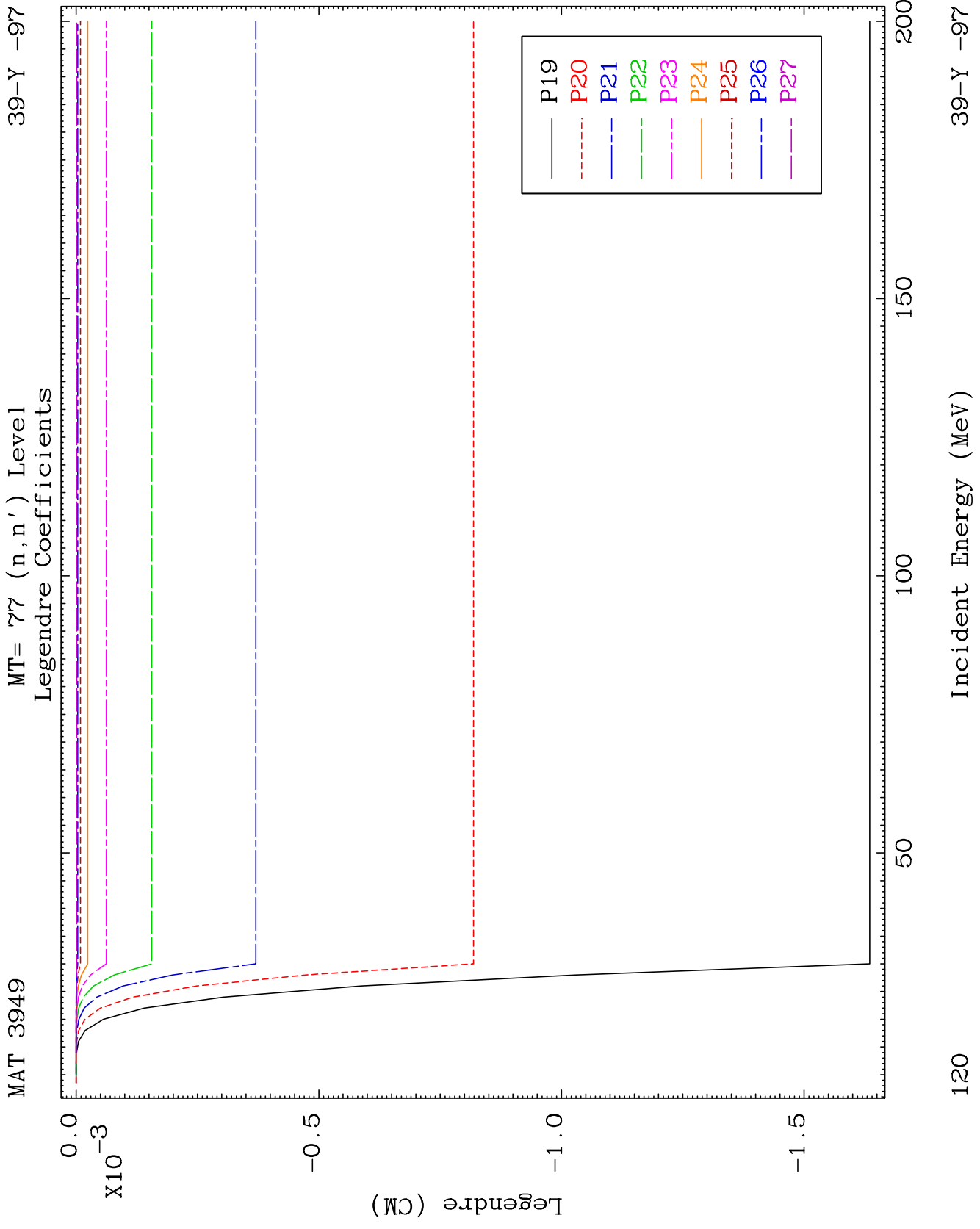
39-Y -97

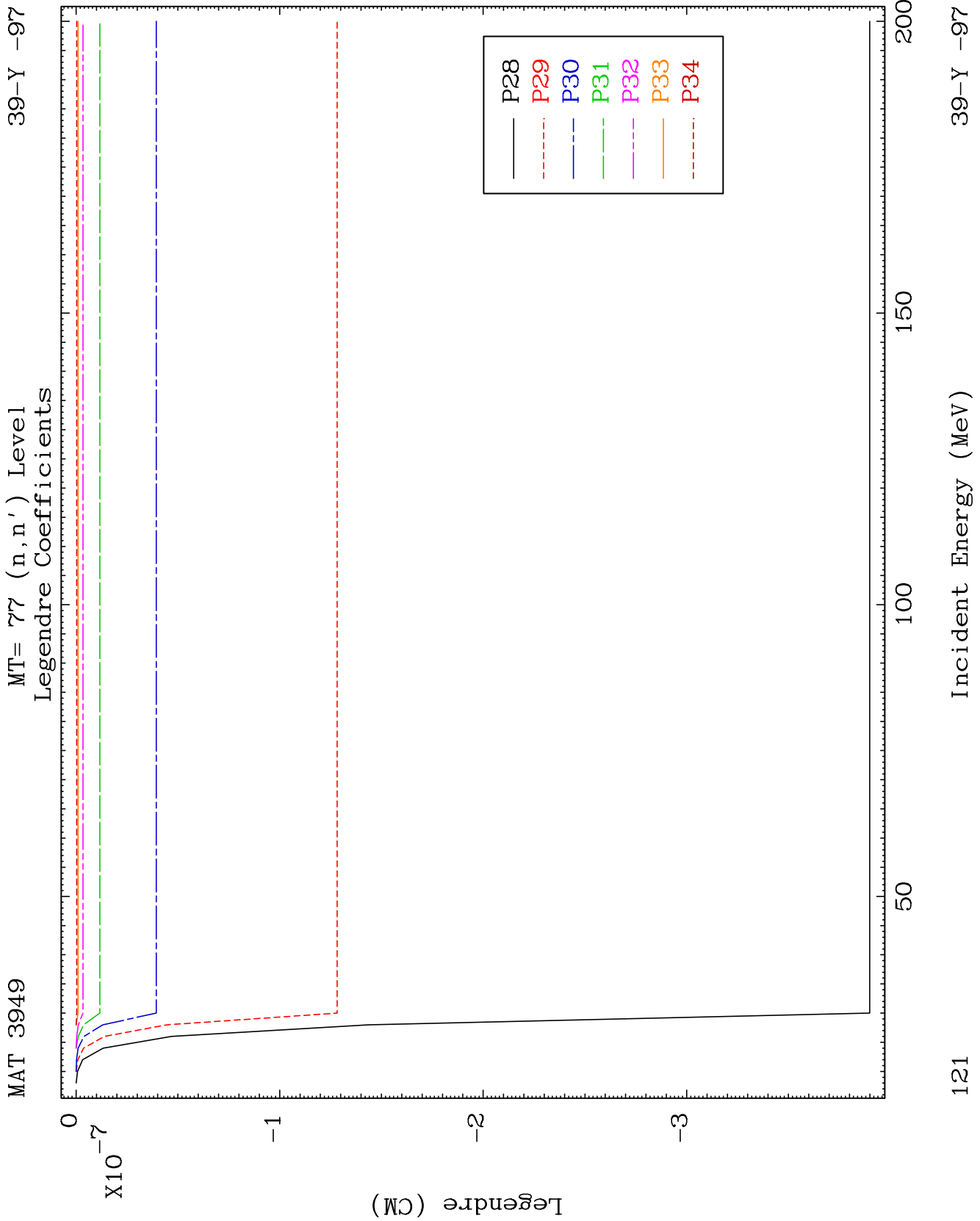


119

Incident Energy (MeV)

39-Y -97

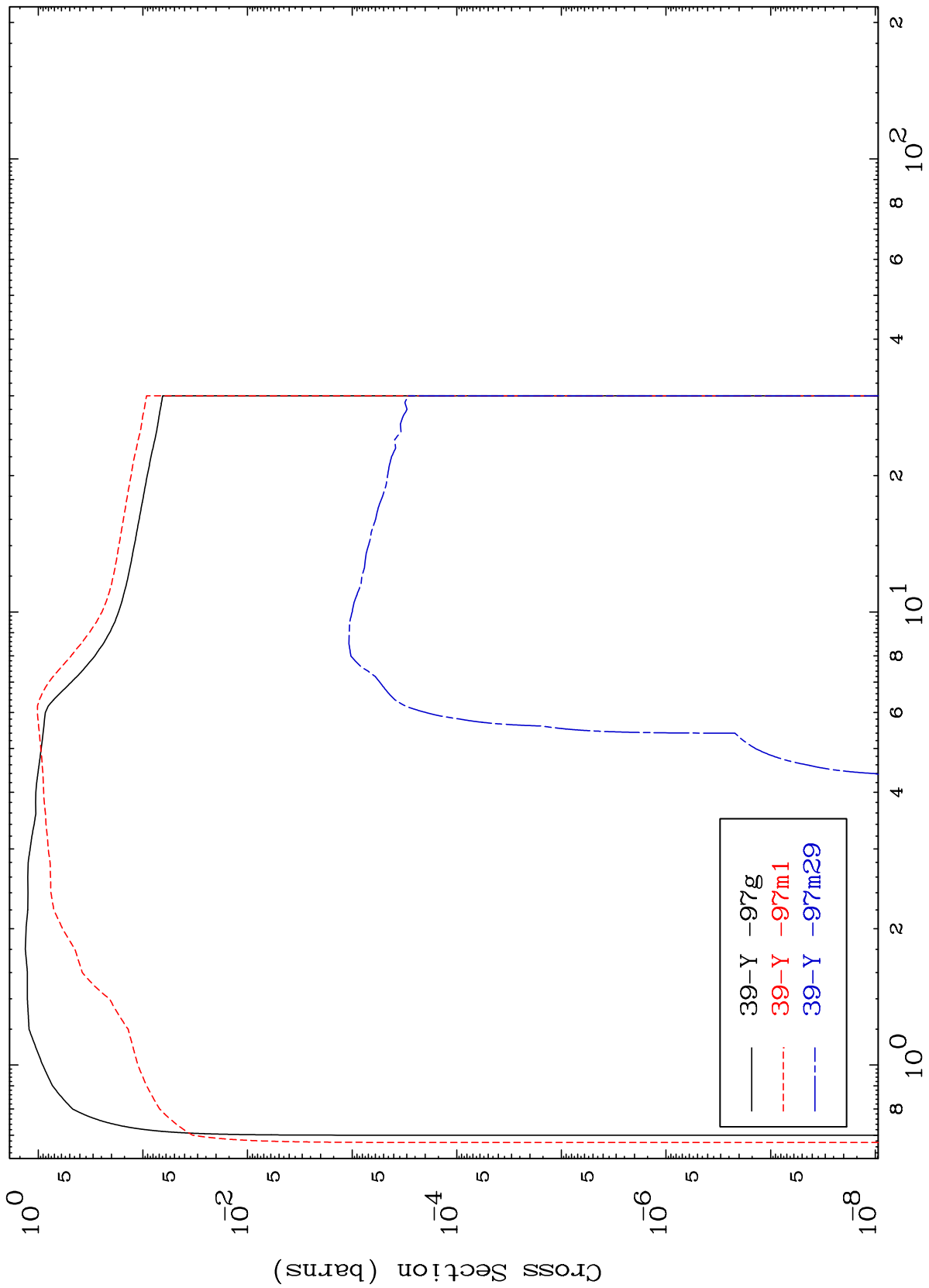




MAT 3949

39-Y -97

Inelastic Radionuclide Production Cross Section



39-Y -97g
39-Y -97m1
39-Y -97m29

122

39-Y -97

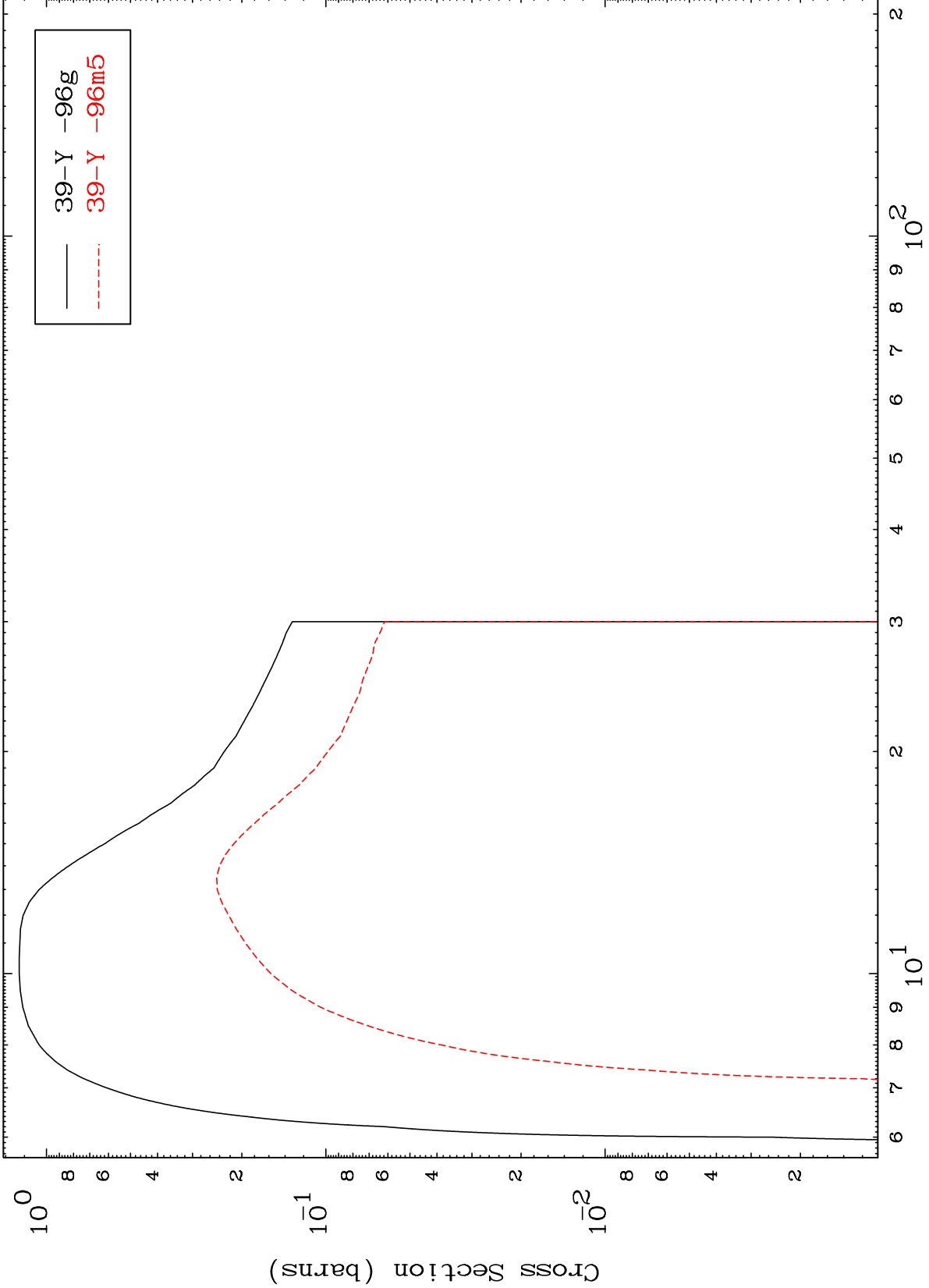
Incident Energy (MeV)

MAT 3949

(n,2n)

39-Y -97

Radionuclide Production Cross Section



39-Y -96g
39-Y -96m5

123

Incident Energy (MeV)

39-Y -97

MAT 3949

39-Y -97

