

Program EVALPLOT
(Version 2021-1)

by

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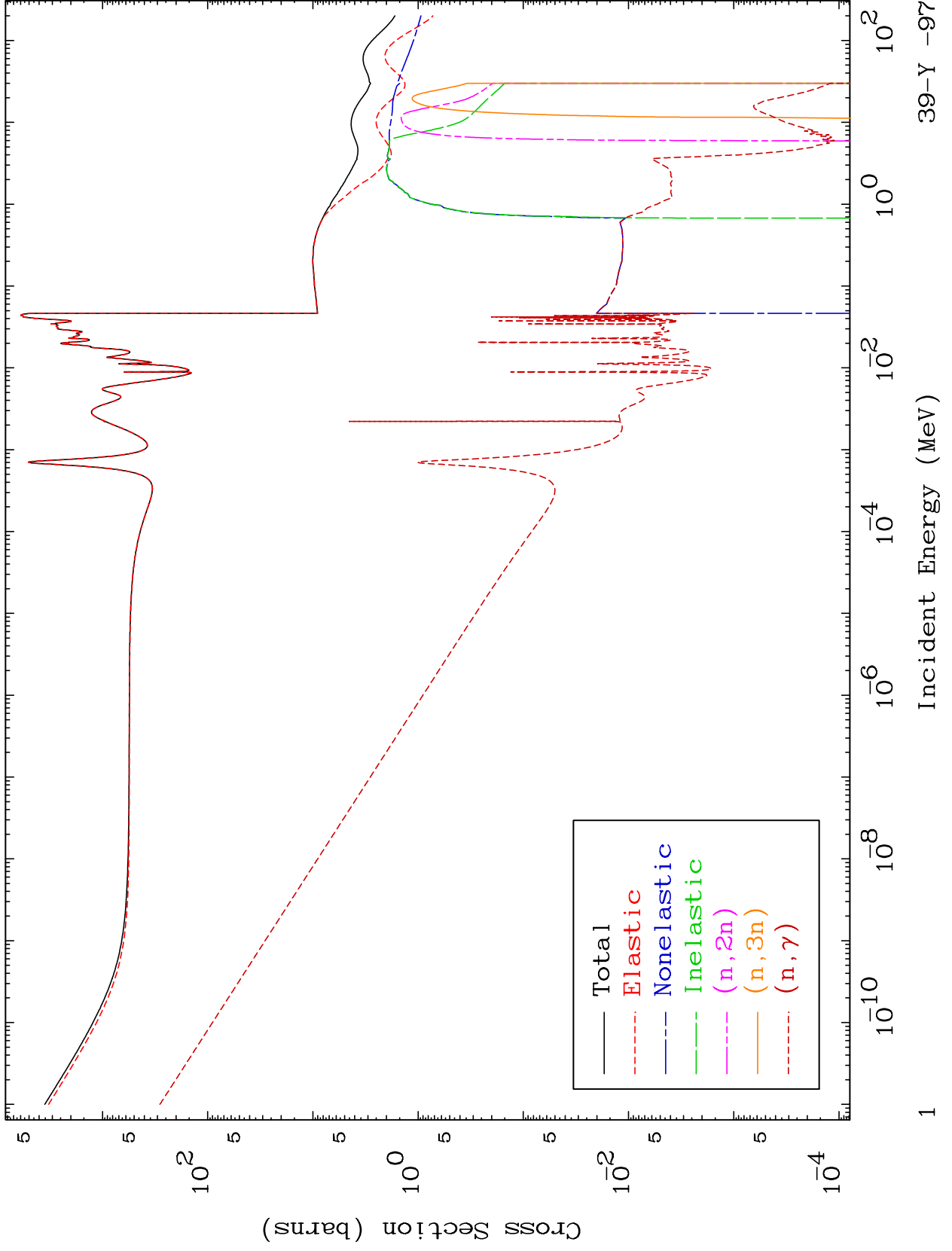
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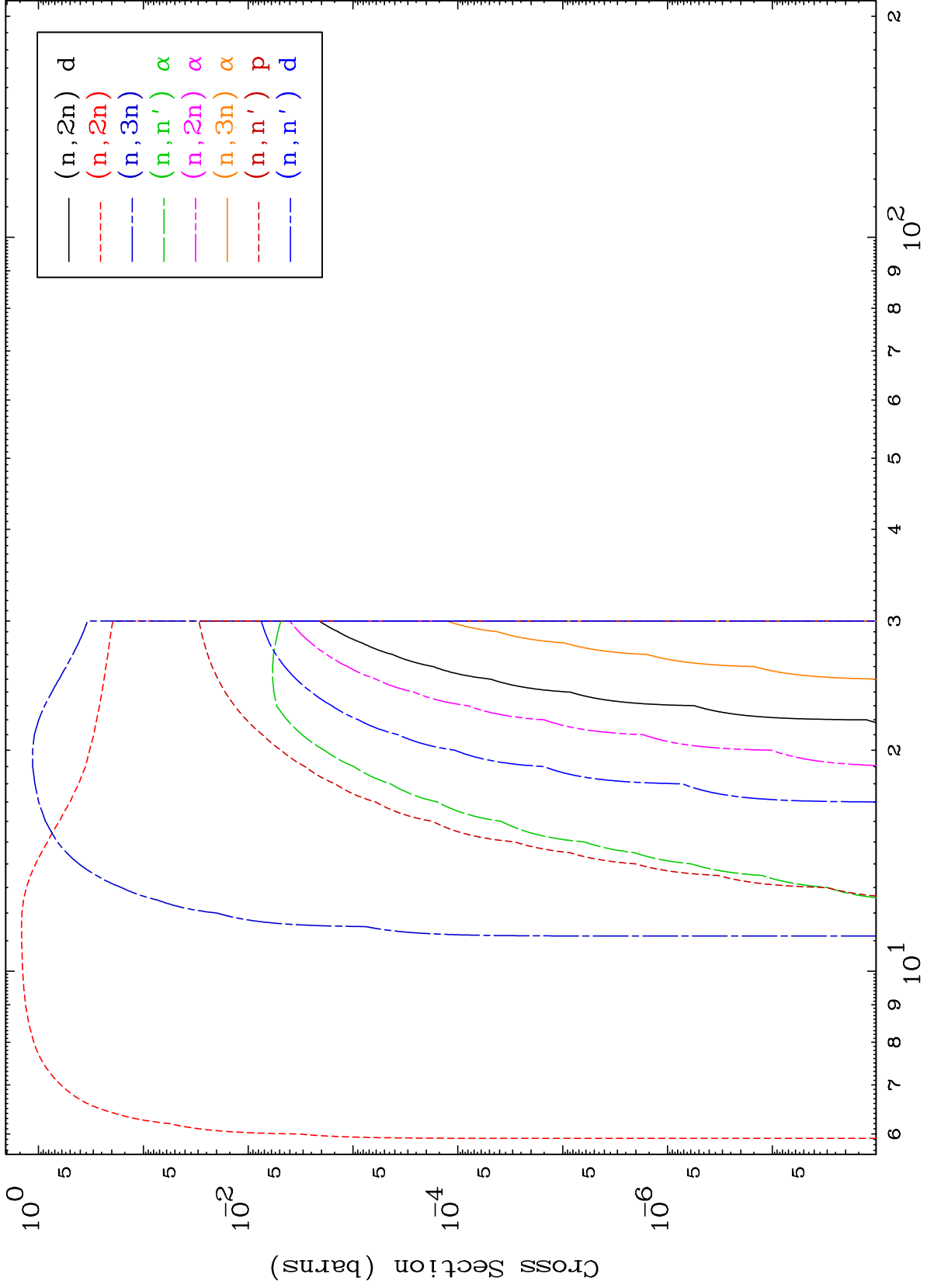
Press Mouse Button to Start

MAT 3949

Neutron Major
293 Kelvin Cross Sections

39-Y -97

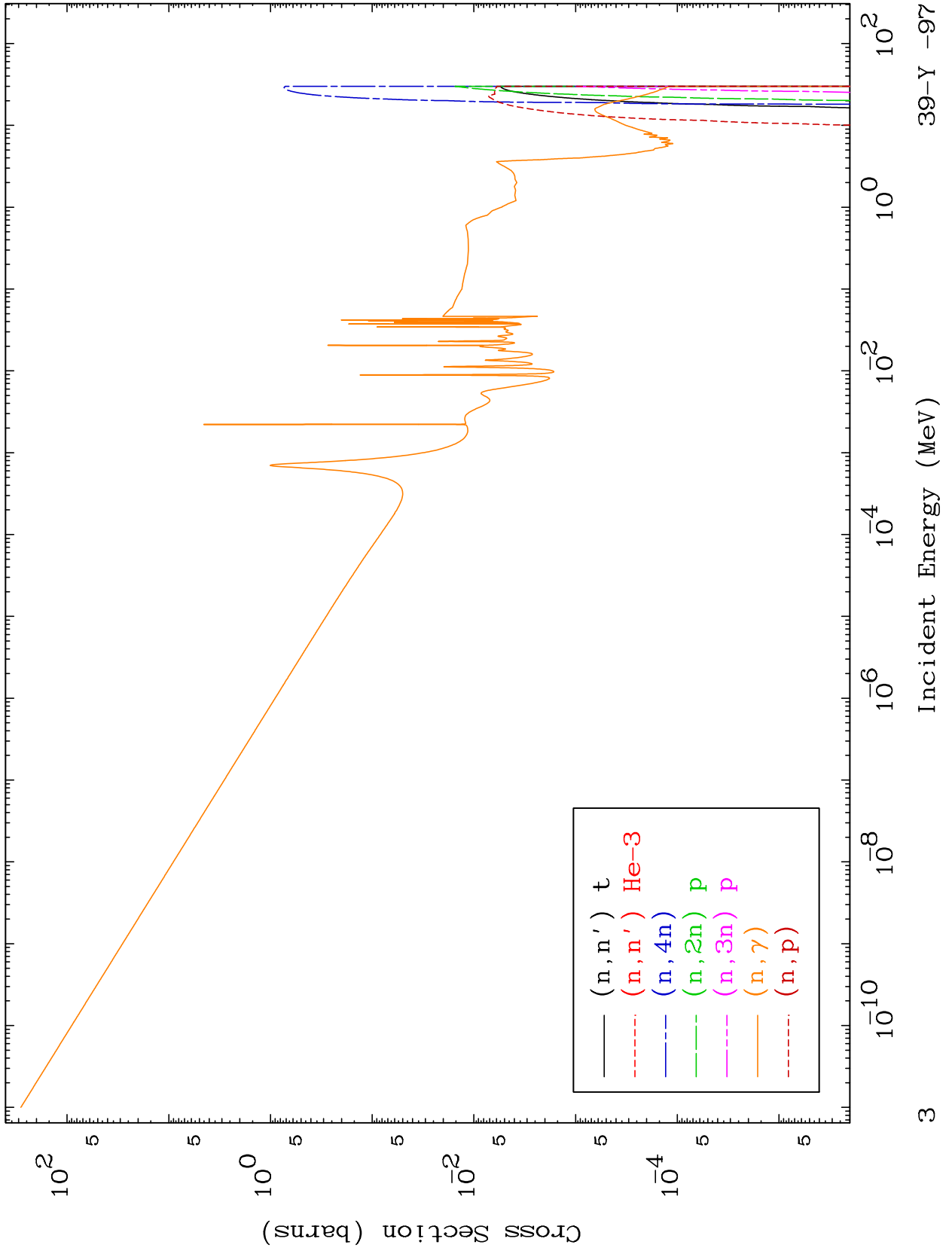


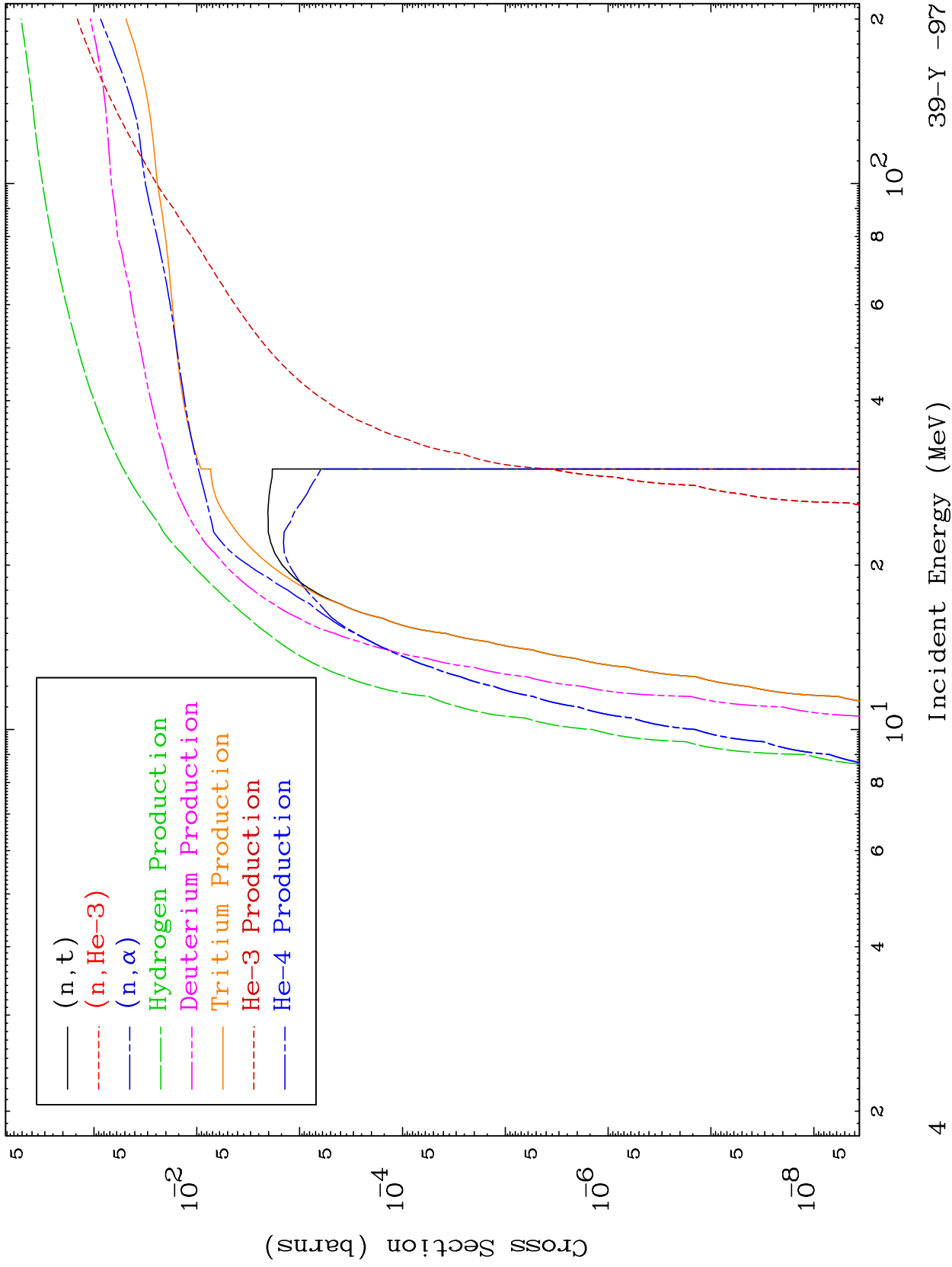


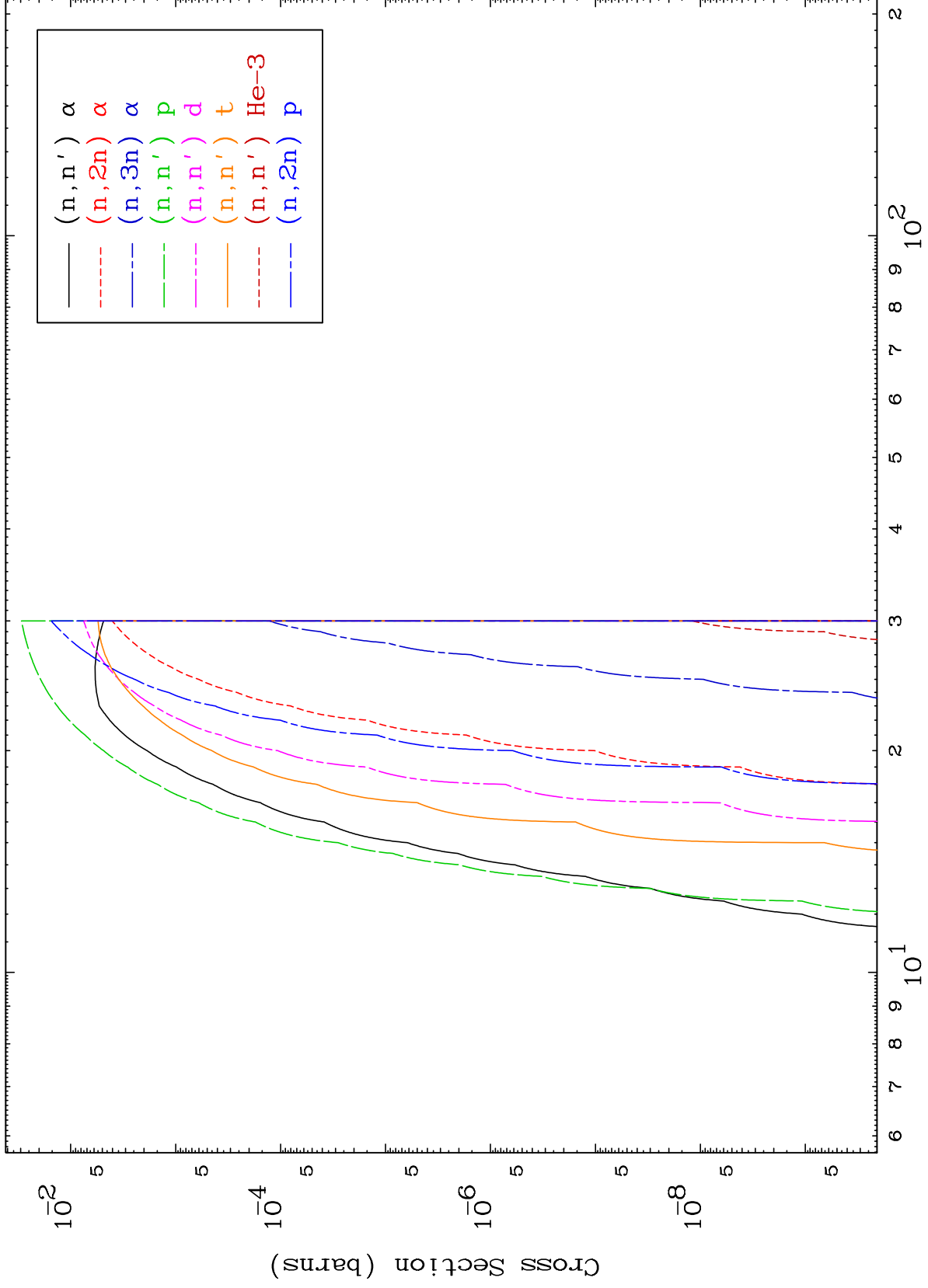
MAT 3949

Neutron Absorption
293 Kelvin Cross Sections

39-Y -97



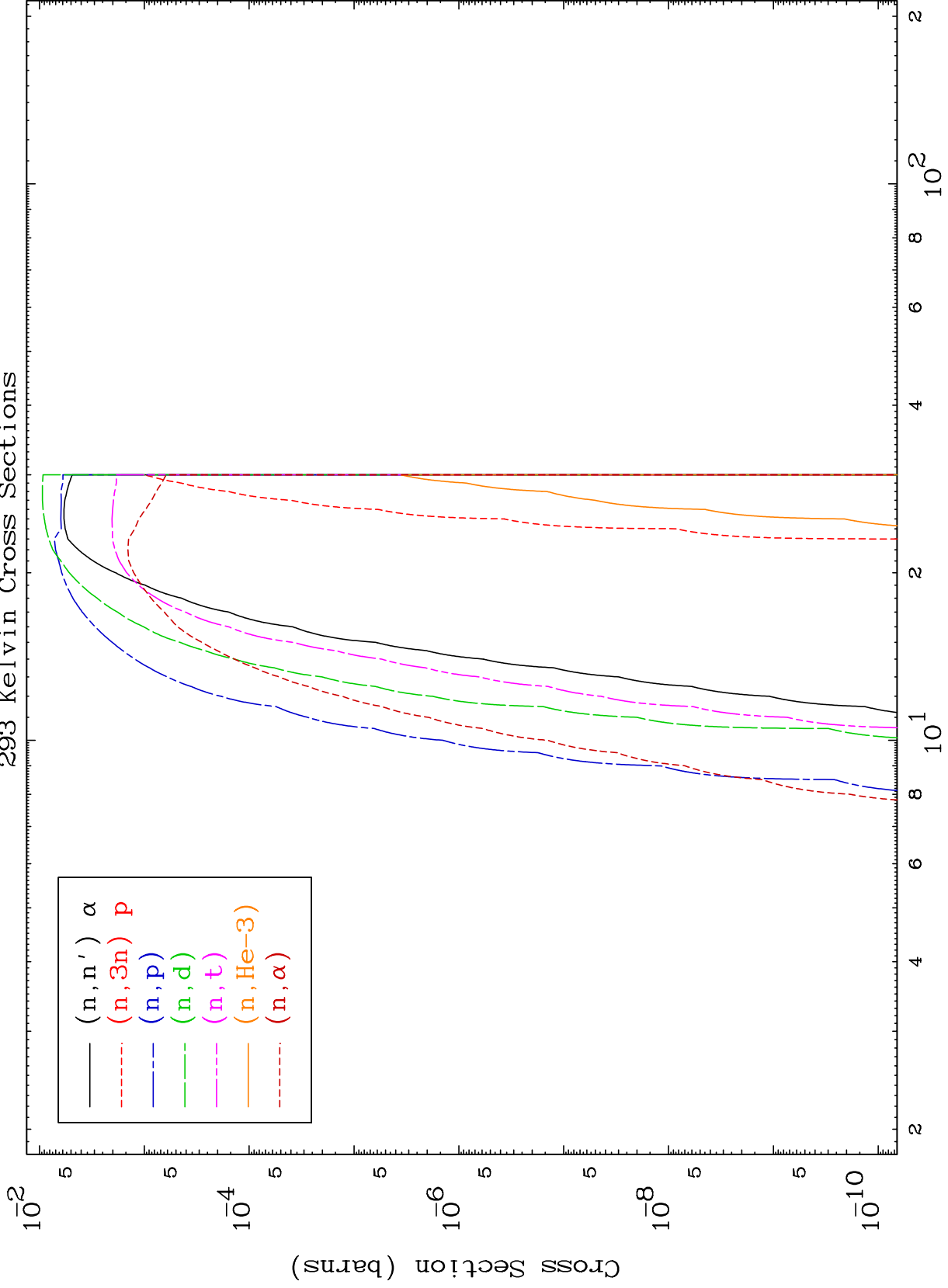




MAT 3949

Charged Particle
293 Kelvin Cross Sections

39-Y -97



6

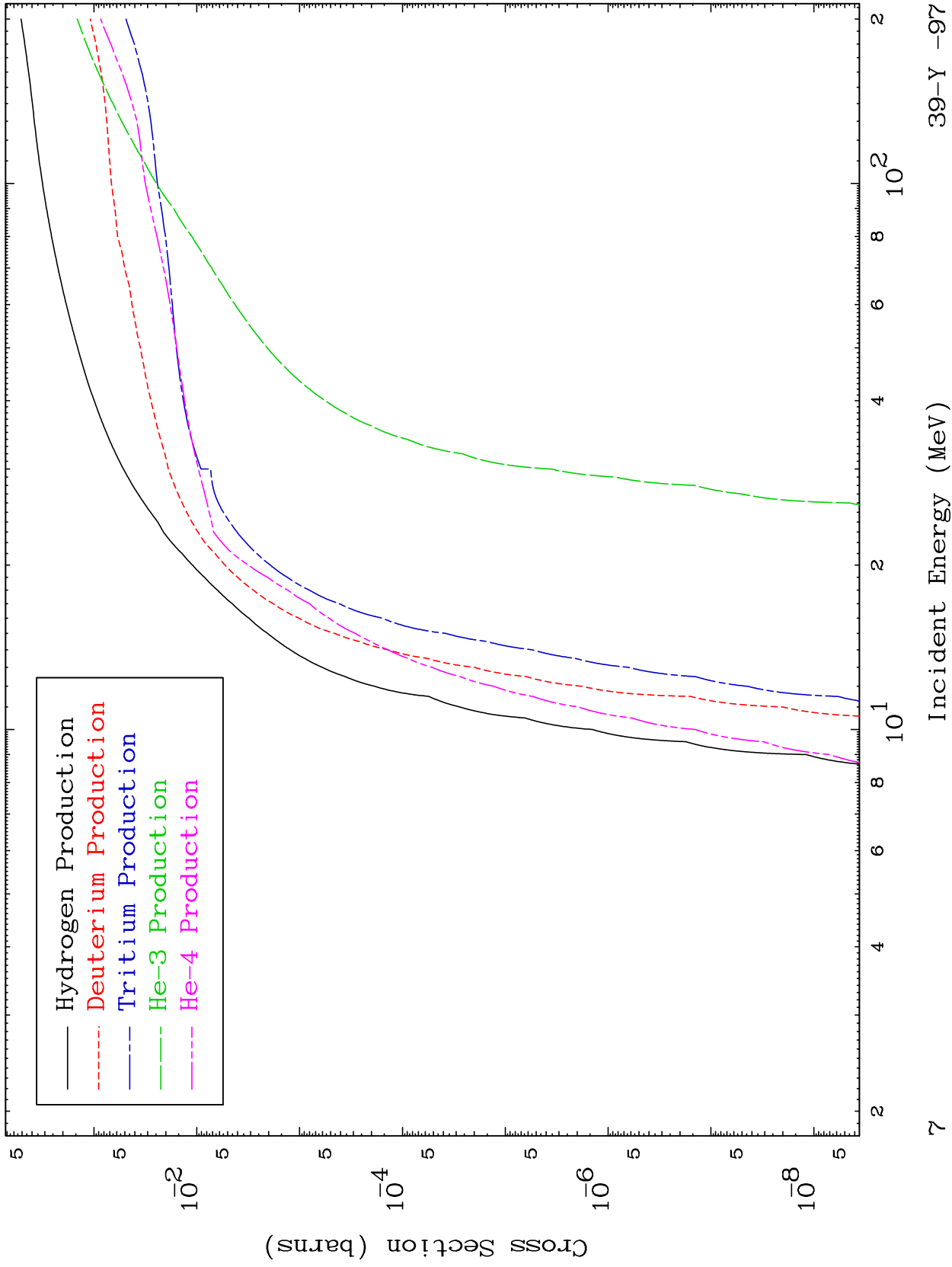
Incident Energy (MeV)

39-Y -97

MAT 3949

Particle Production
293 Kelvin Cross Sections

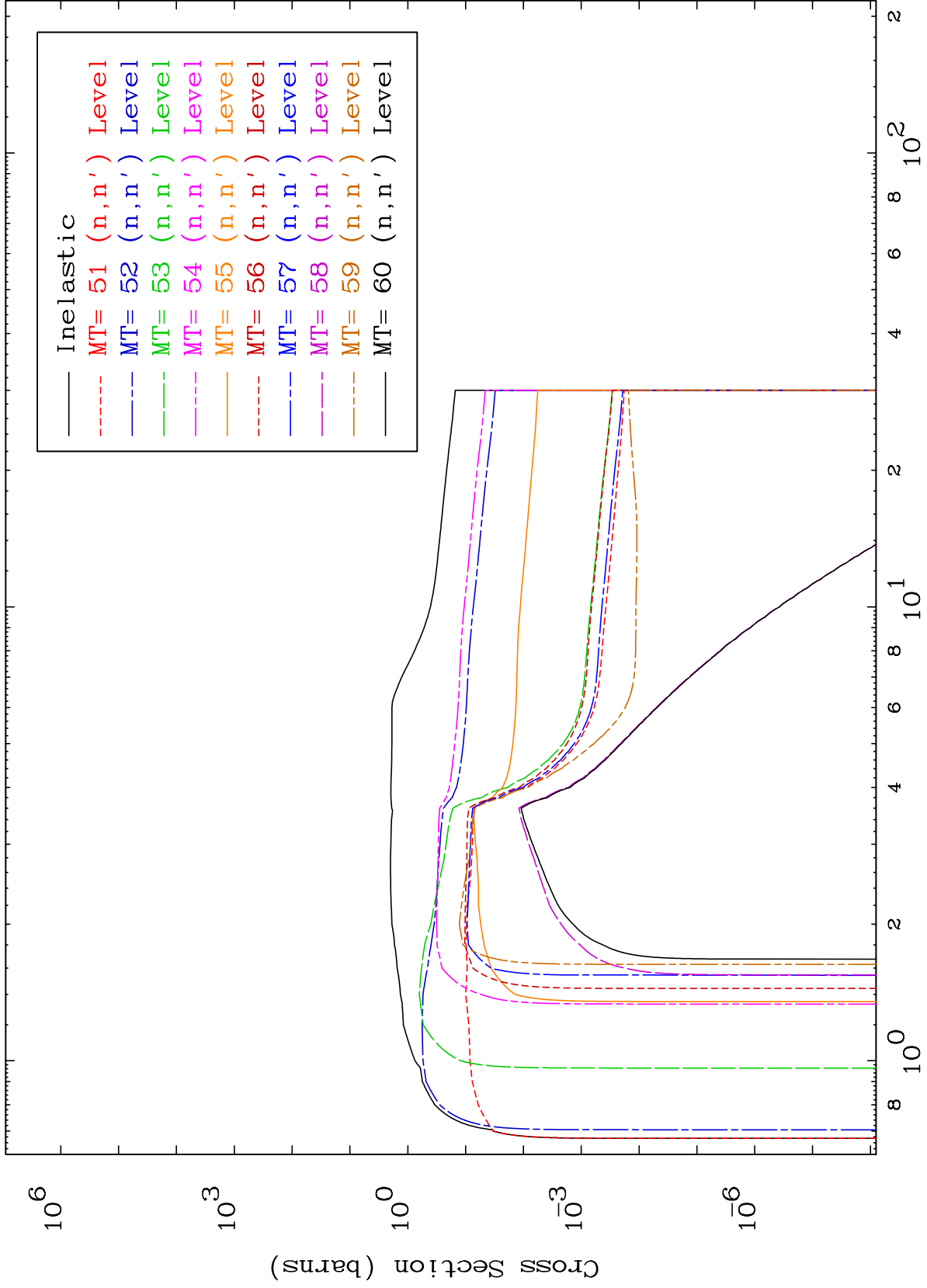
39-Y -97



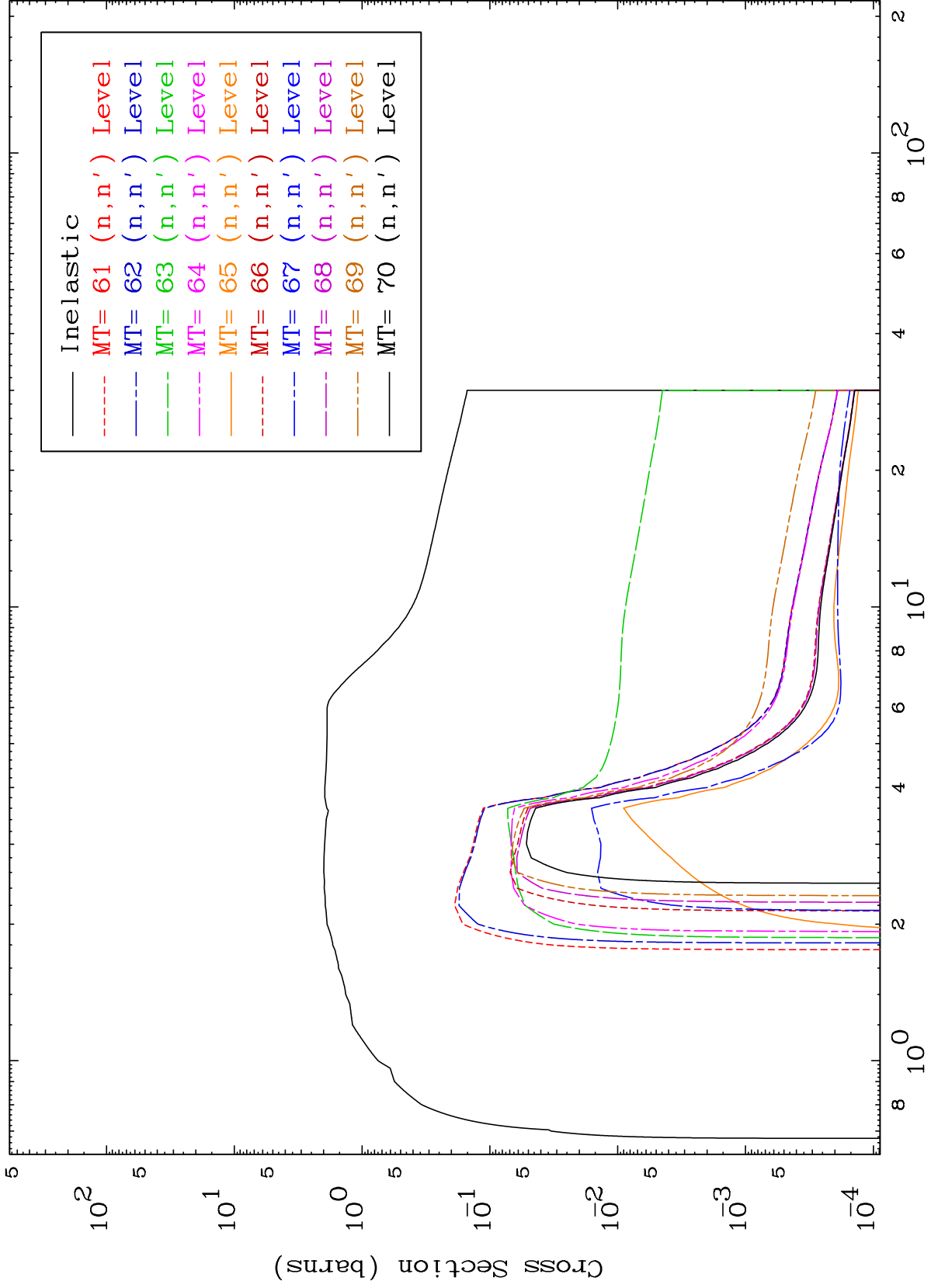
7

39-Y -97

293 Kelvin Cross Sections



293 Kelvin Cross Sections

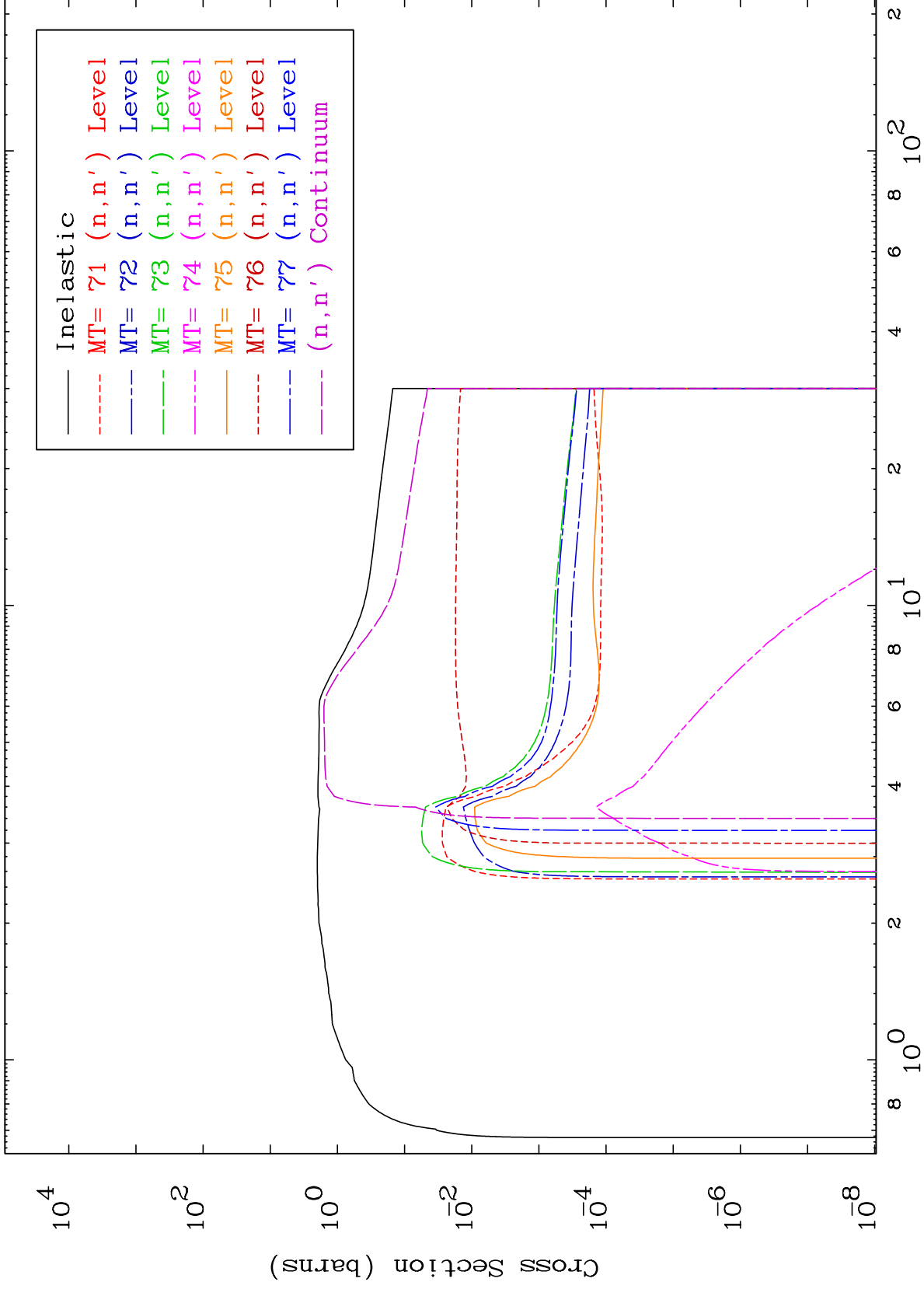


MAT 3949

(n,n') Levels

39-Y -97

293 Kelvin Cross Sections



10

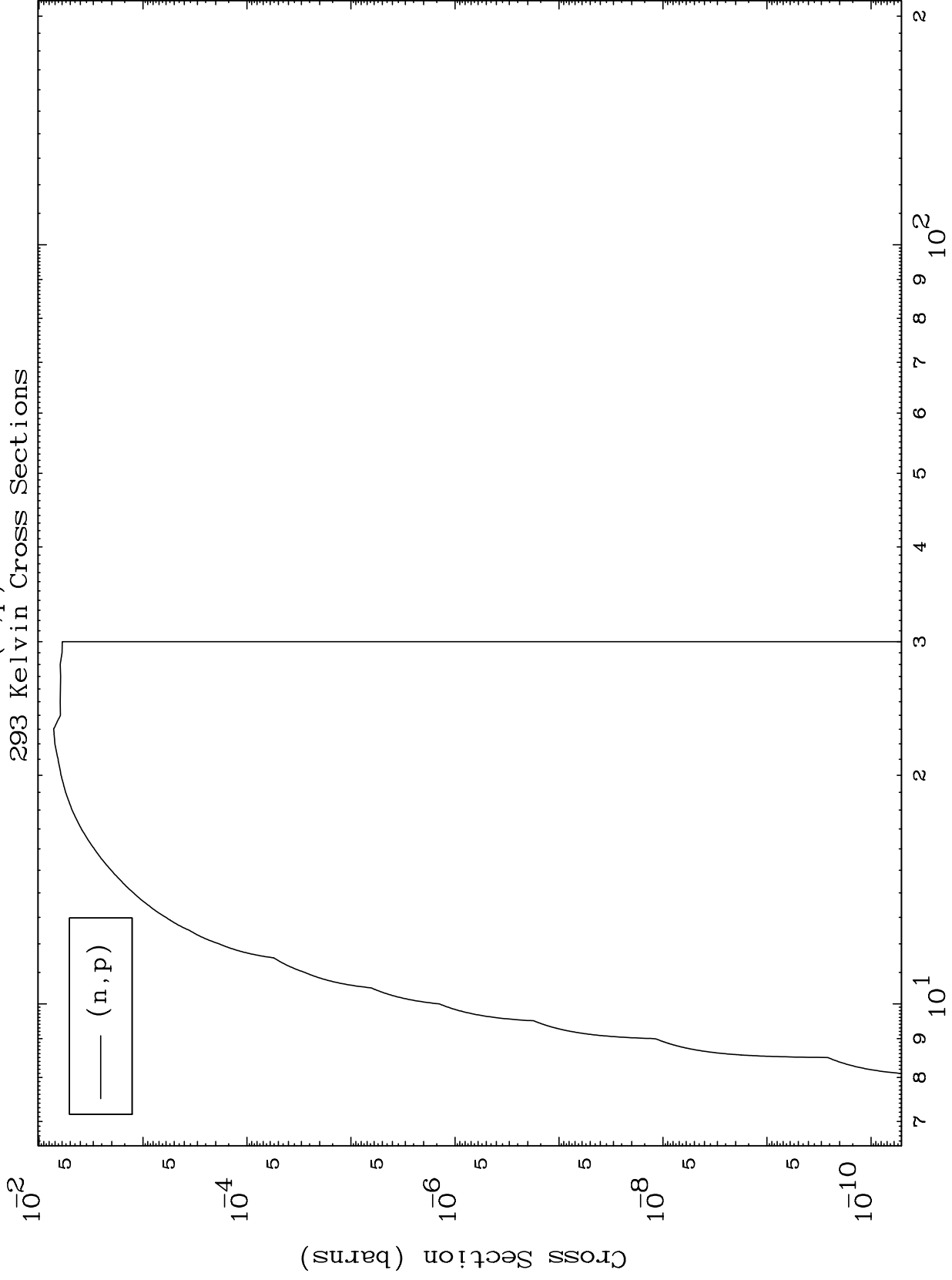
Incident Energy (MeV)

39-Y -97

MAT 3949

(n,p) Levels
293 Kelvin Cross Sections

39-Y -97



11

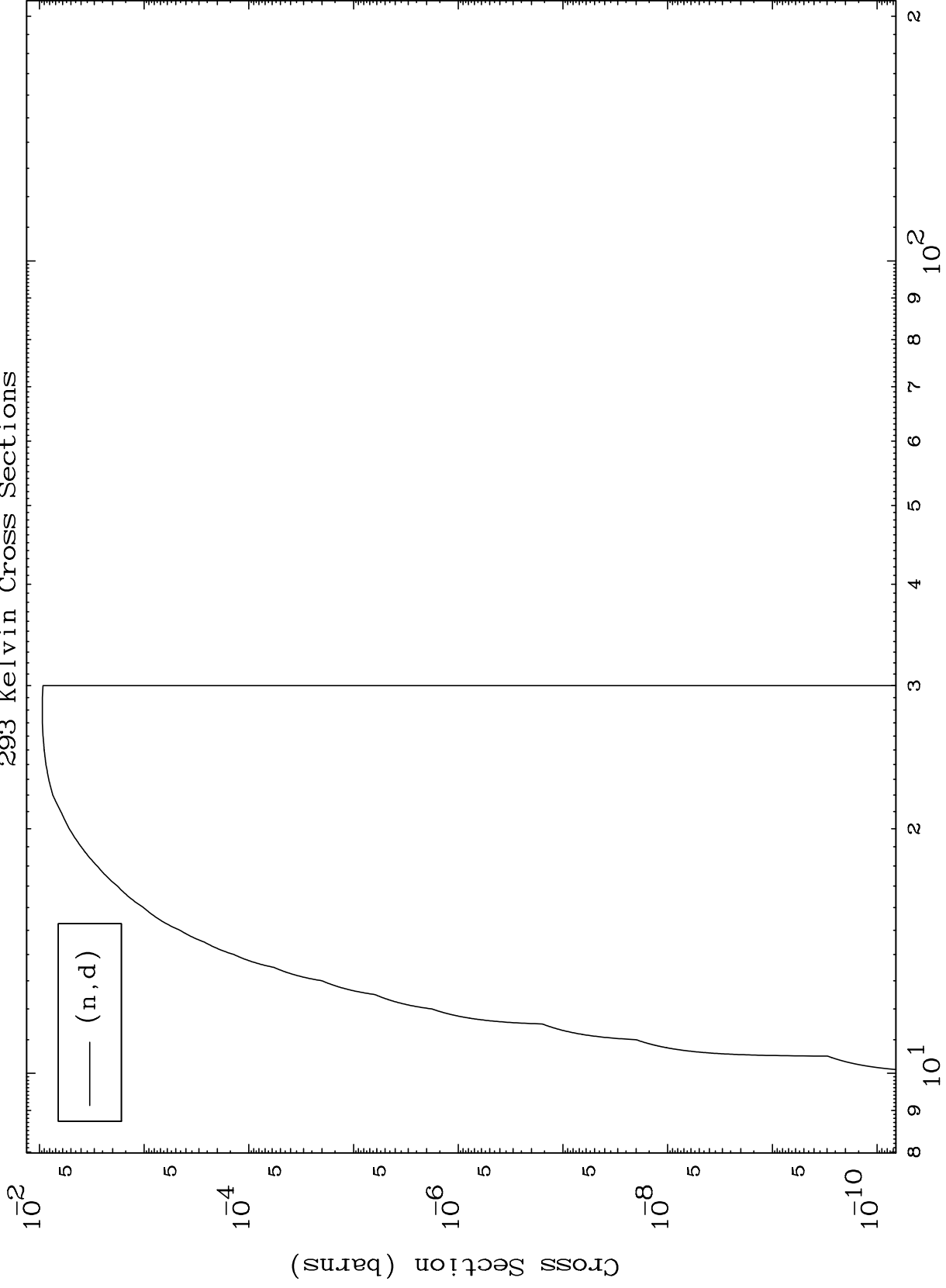
Incident Energy (MeV)

39-Y -97

MAT 3949

(n,d) Levels
293 Kelvin Cross Sections

39-Y -97



12

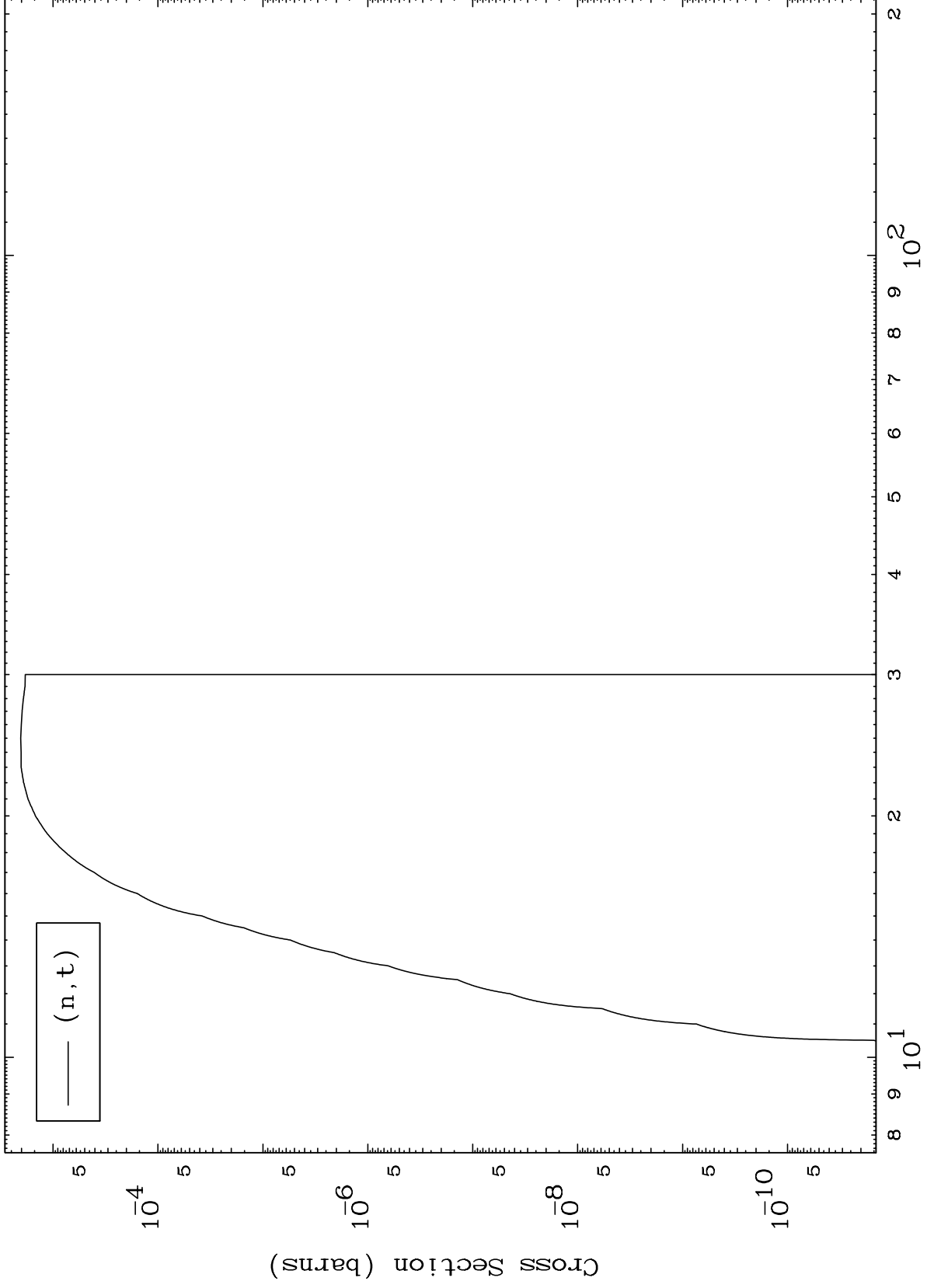
Incident Energy (MeV)

39-Y -97

MAT 3949

(n,t) Levels
293 Kelvin Cross Sections

39-Y -97



13

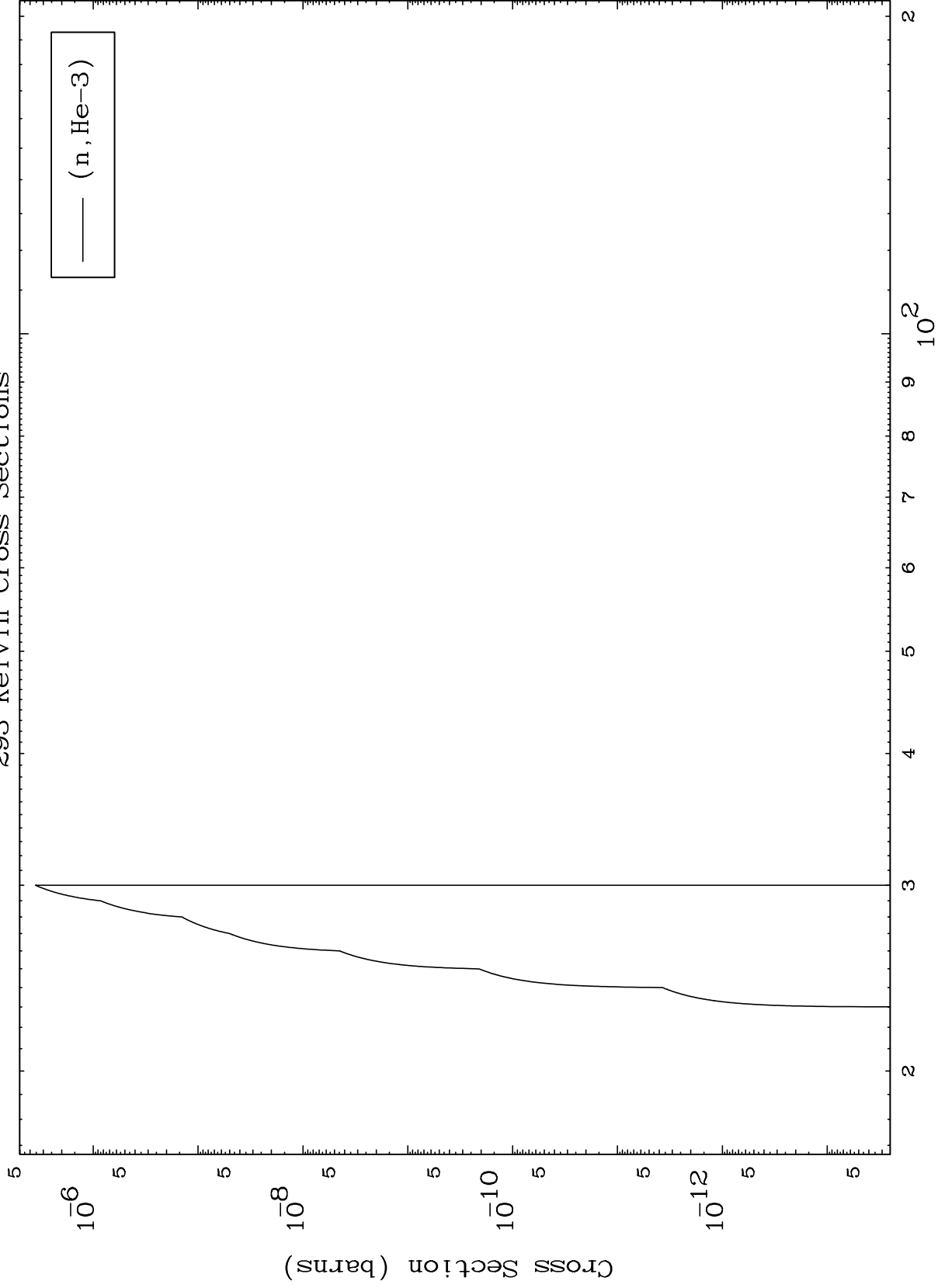
Incident Energy (MeV)

39-Y -97

MAT 3949

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -97



14

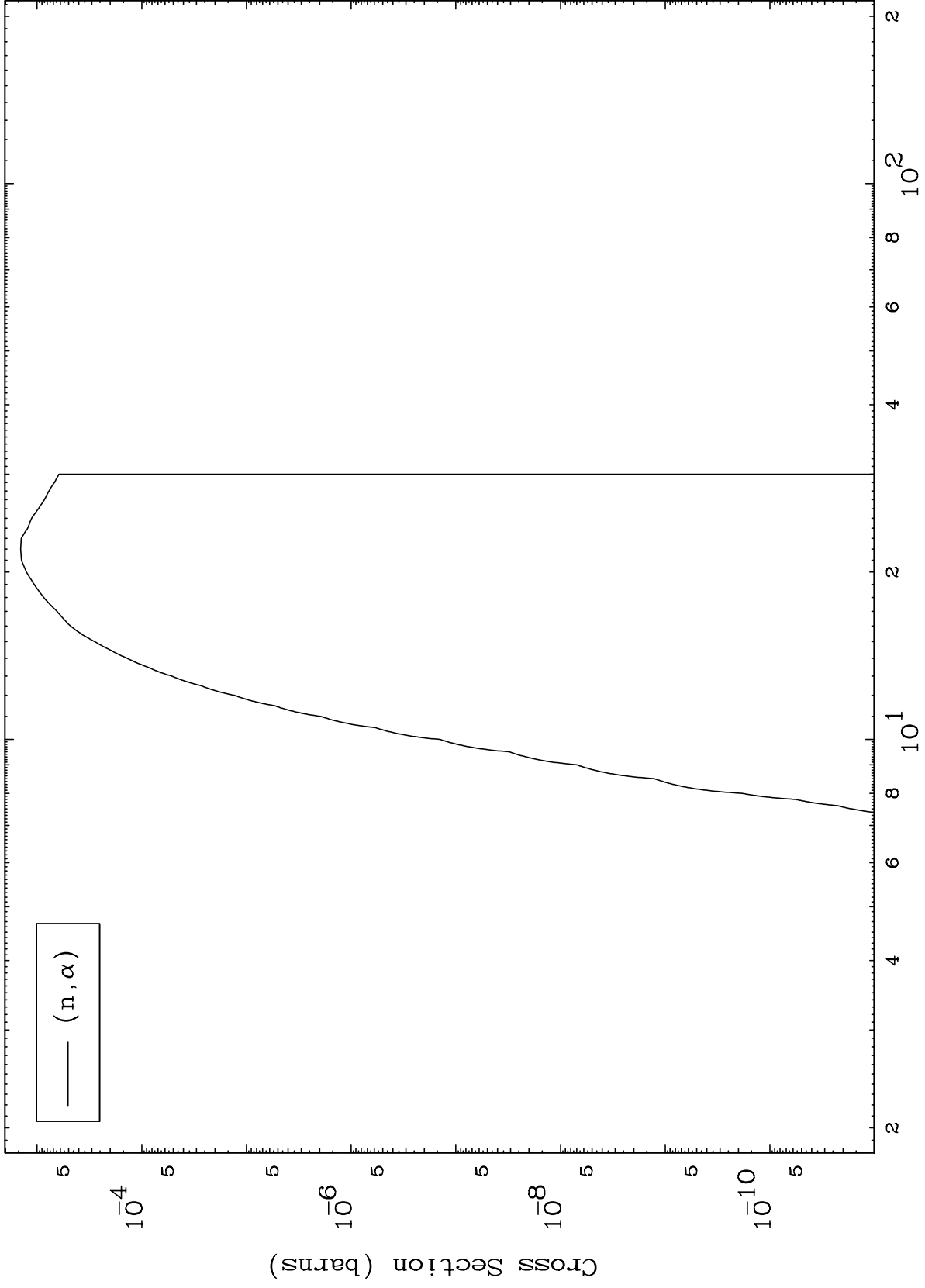
Incident Energy (MeV)

39-Y -97

MAT 3949

(n, α) Levels
293 Kelvin Cross Sections

39-Y -97



15

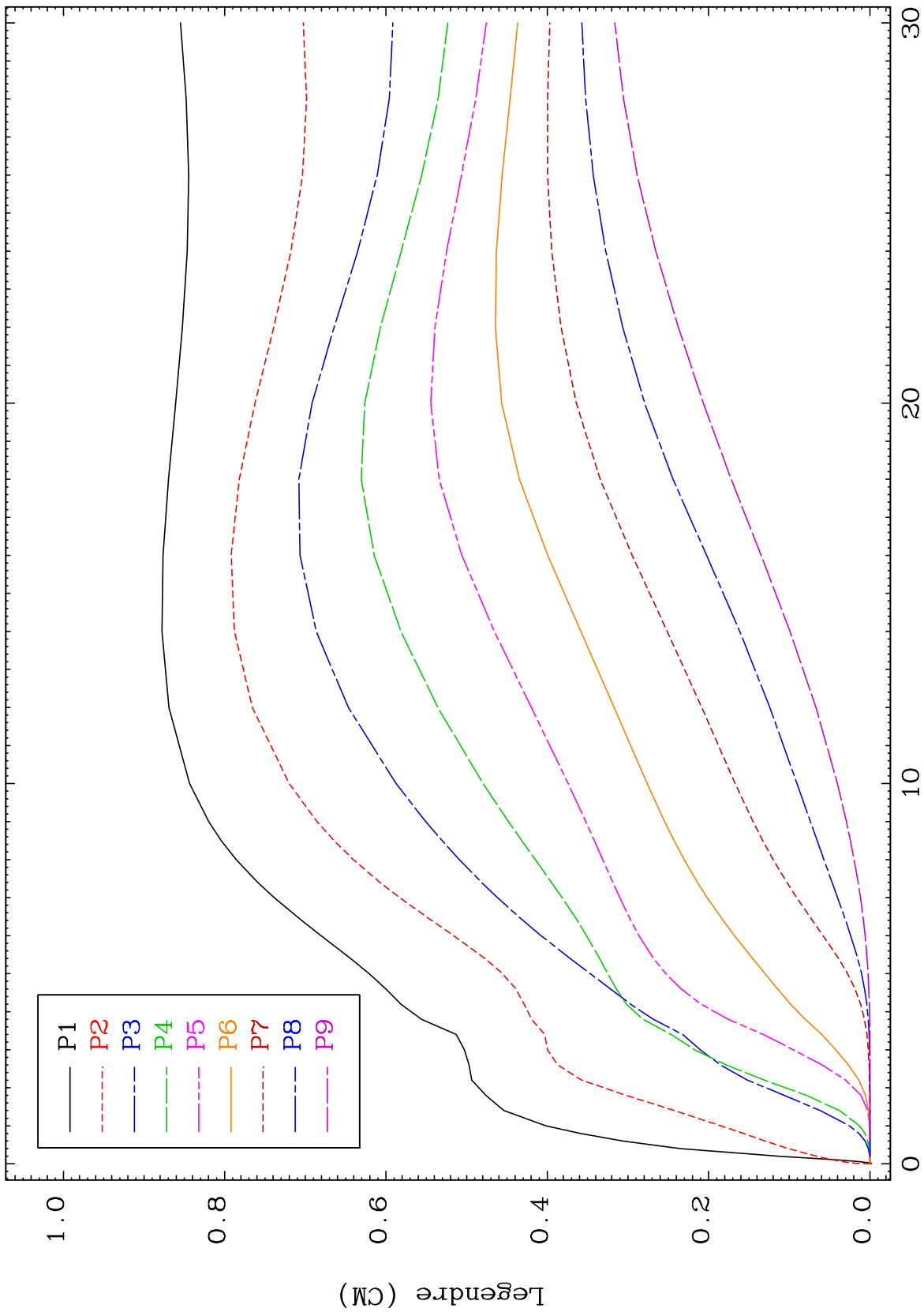
Incident Energy (MeV)

39-Y -97

MAT 3949

Elastic Legendre Coefficients

39-Y -97



16

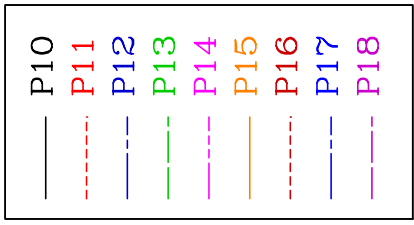
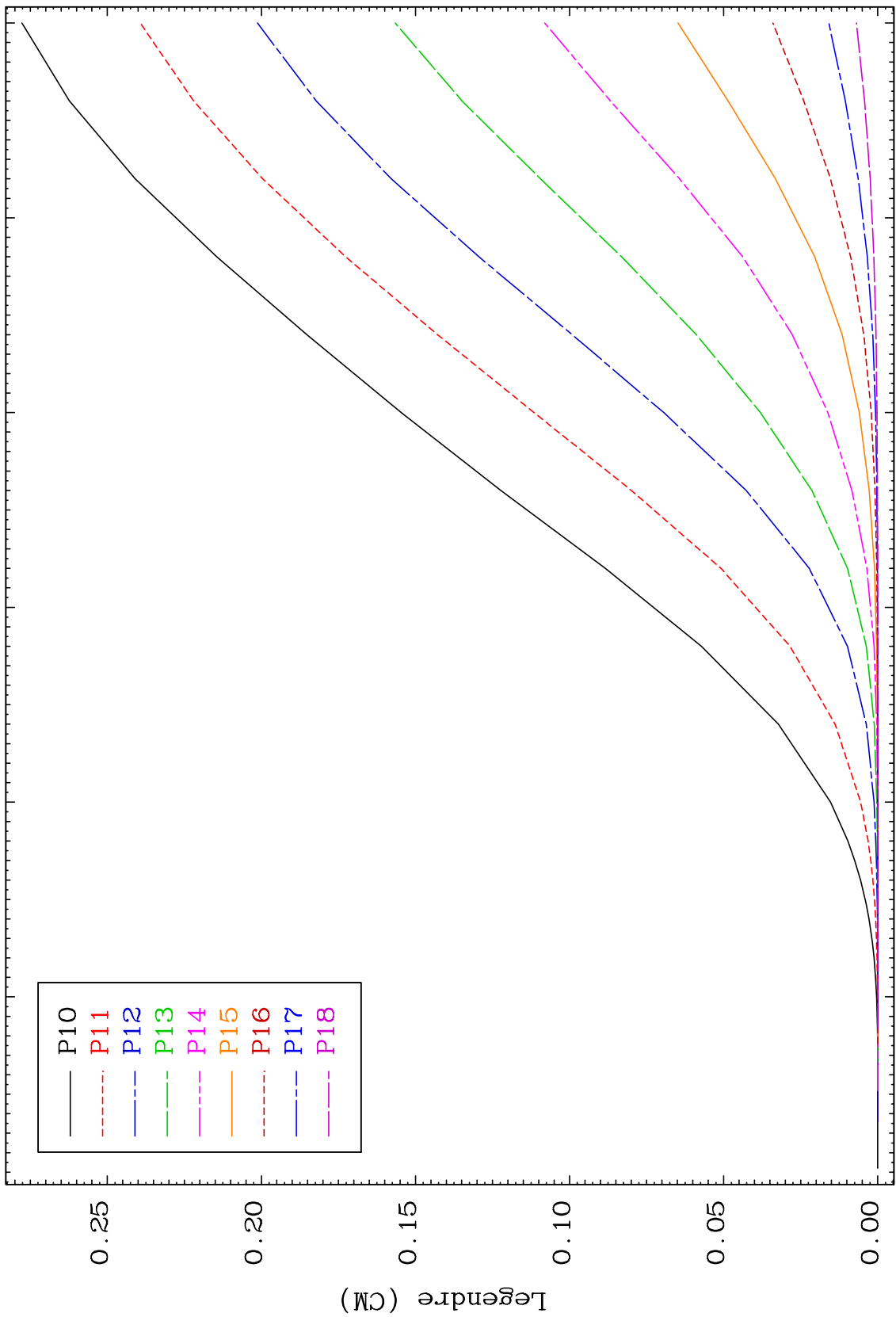
Incident Energy (MeV)

39-Y -97

MAT 3949

Elastic Legendre Coefficients

39-Y -97



17

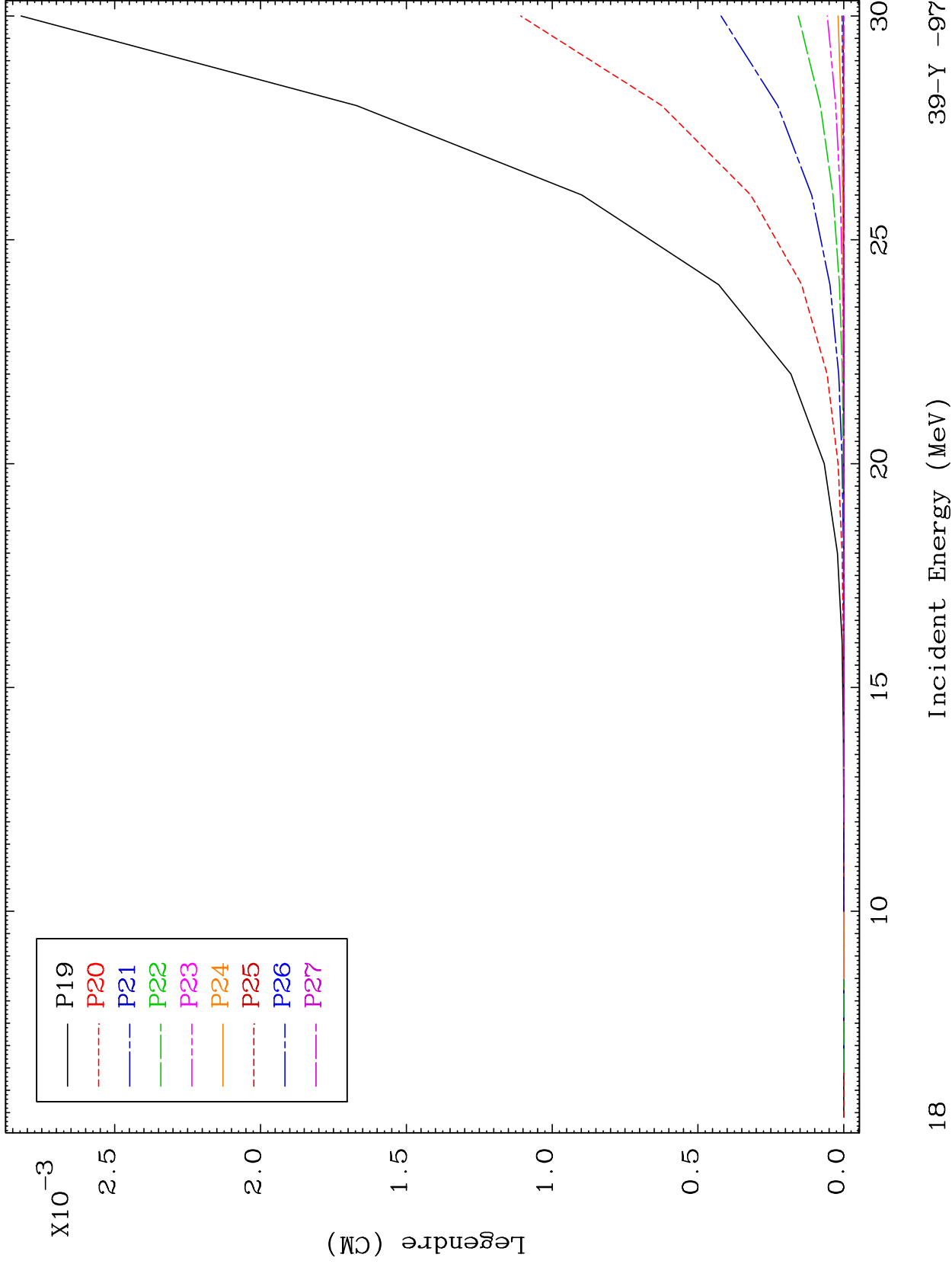
39-Y -97

Incident Energy (MeV)

MAT 3949

Elastic Legendre Coefficients

39-Y -97



18

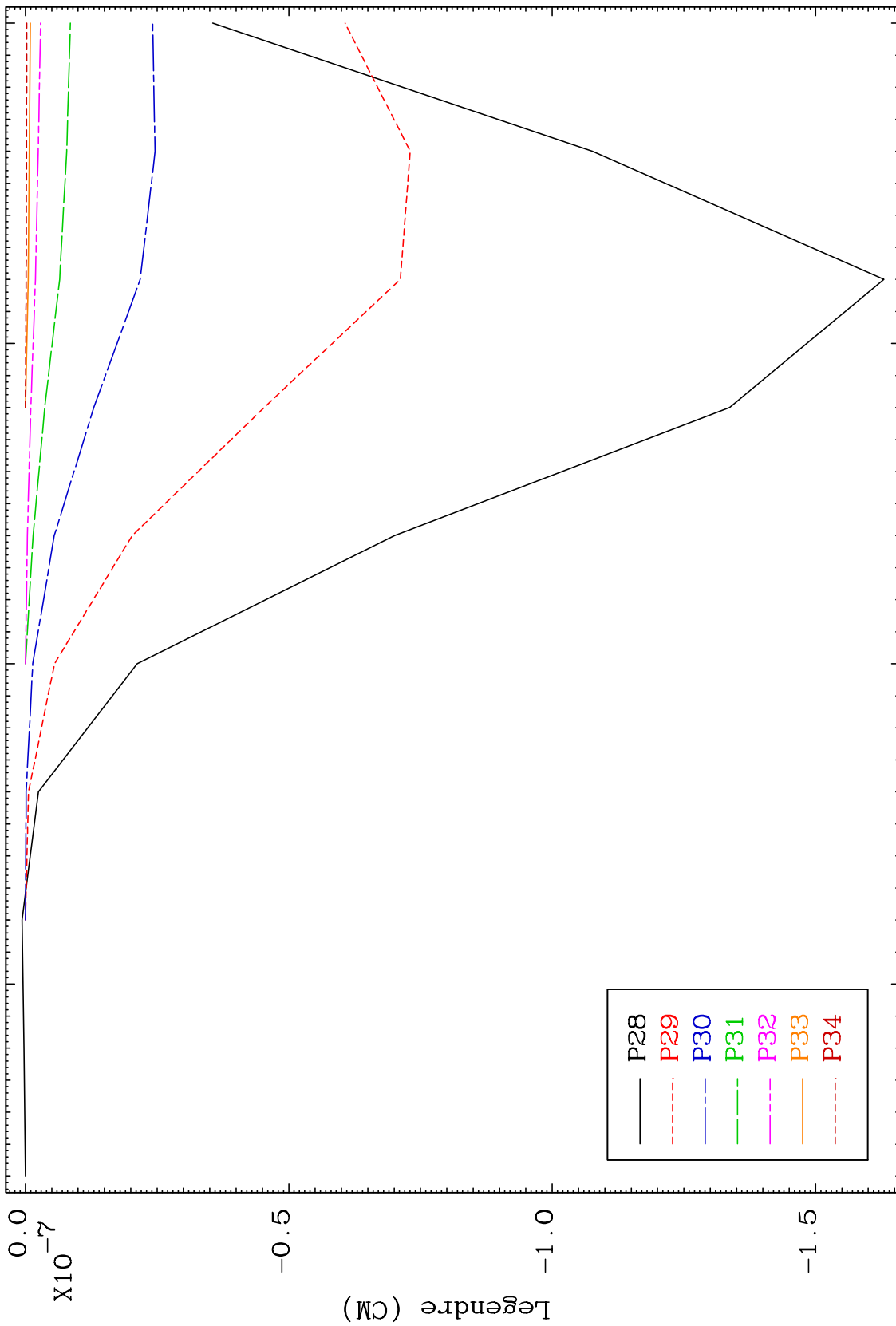
Incident Energy (MeV)

39-Y -97

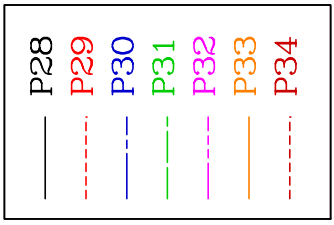
MAT 3949

39-Y -97

Elastic Legendre Coefficients



Legendre (CM)
 $\times 10^{-7}$



19

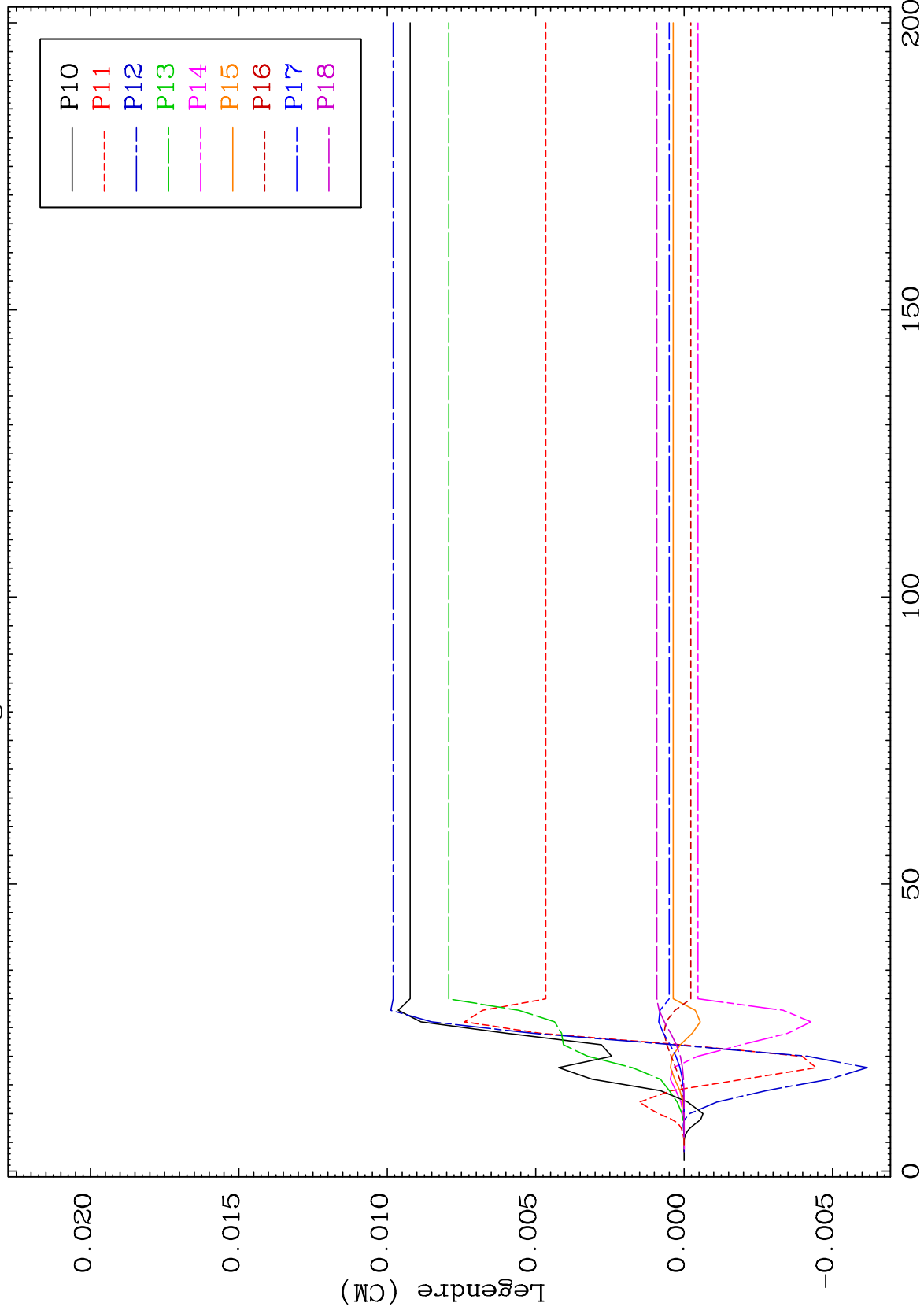
Incident Energy (MeV)

39-Y -97

MAT 3949

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

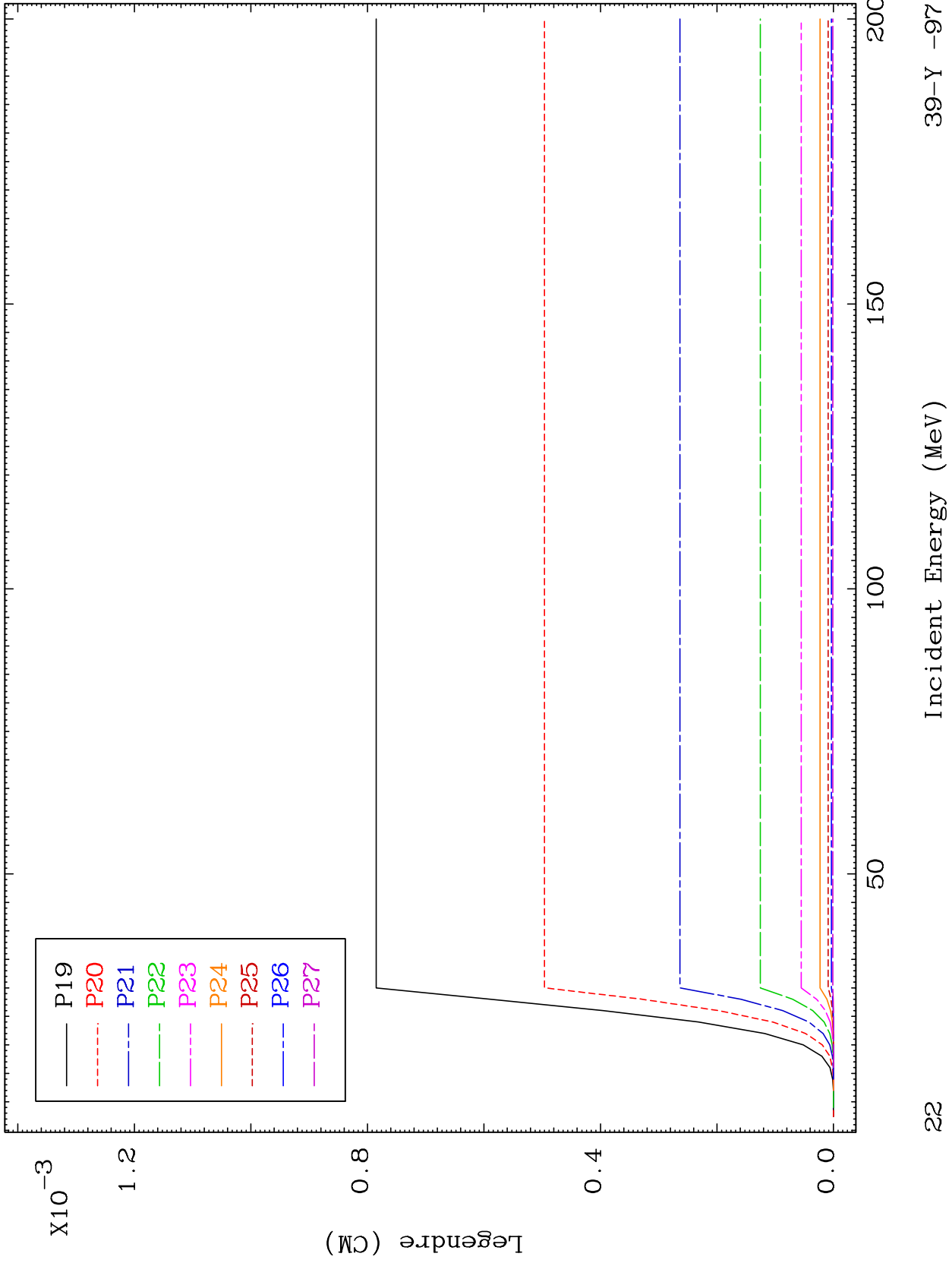
39-Y -97



21

Incident Energy (MeV)

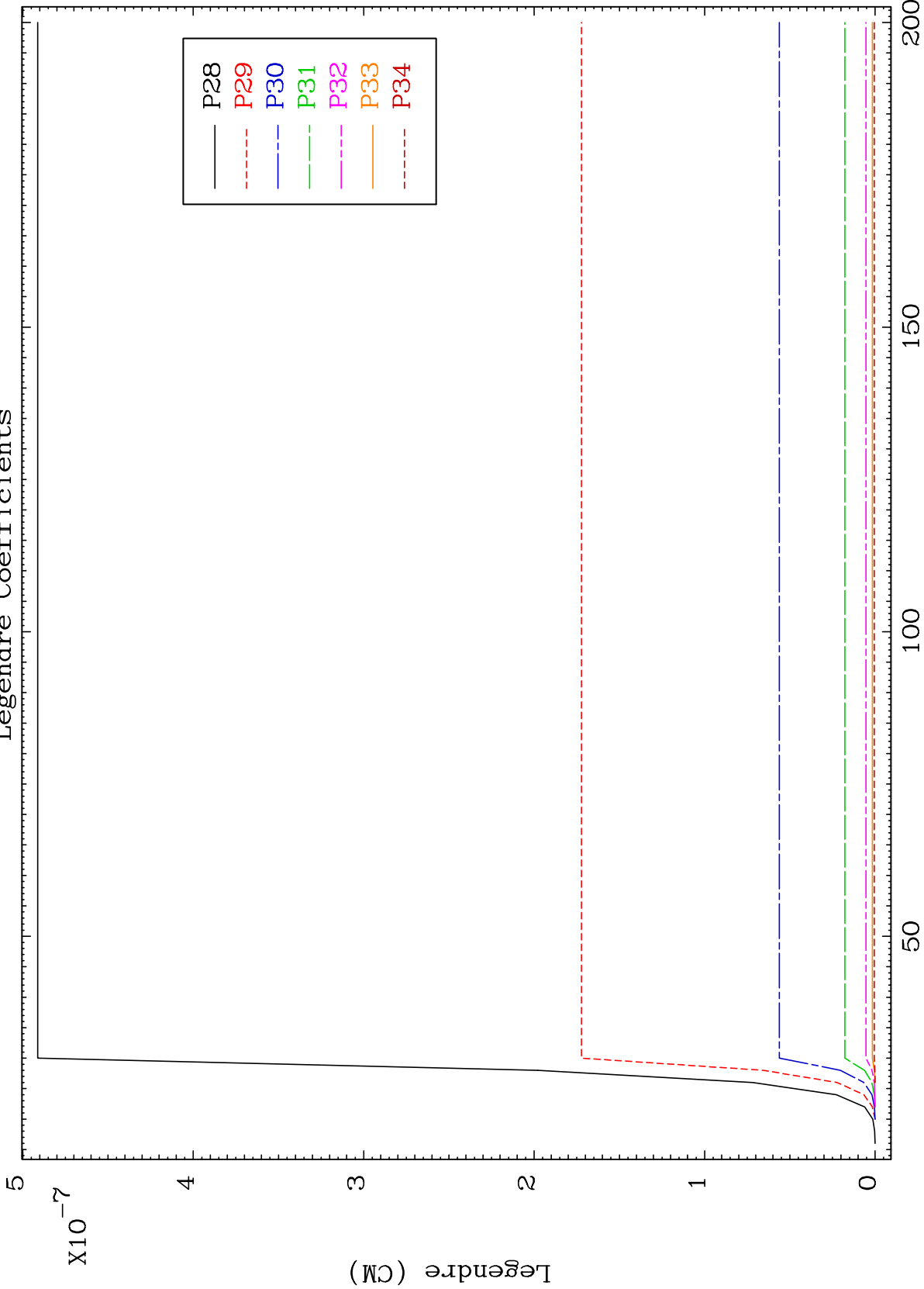
39-Y -97



MAT 3949

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

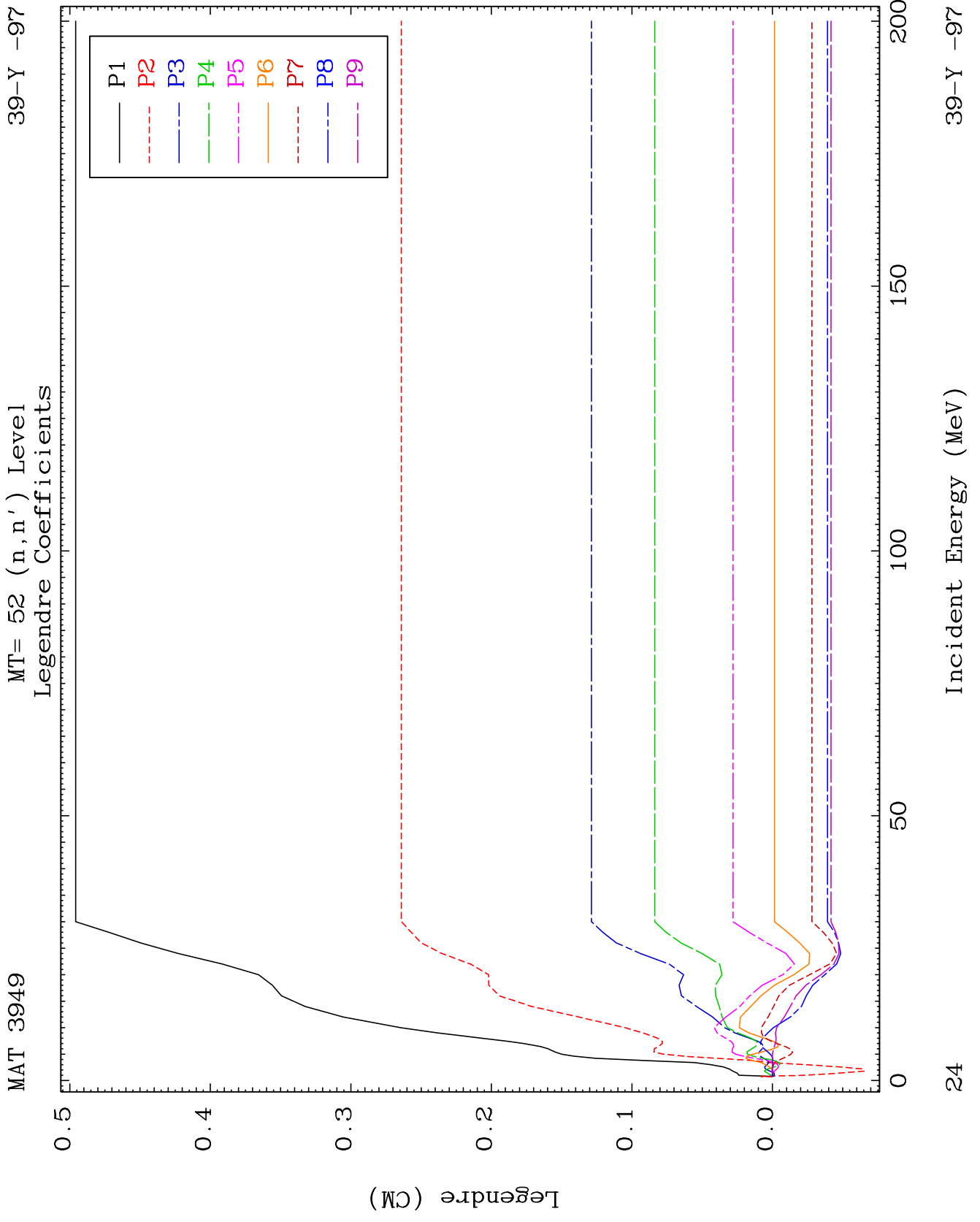
39-Y -97



23

Incident Energy (MeV)

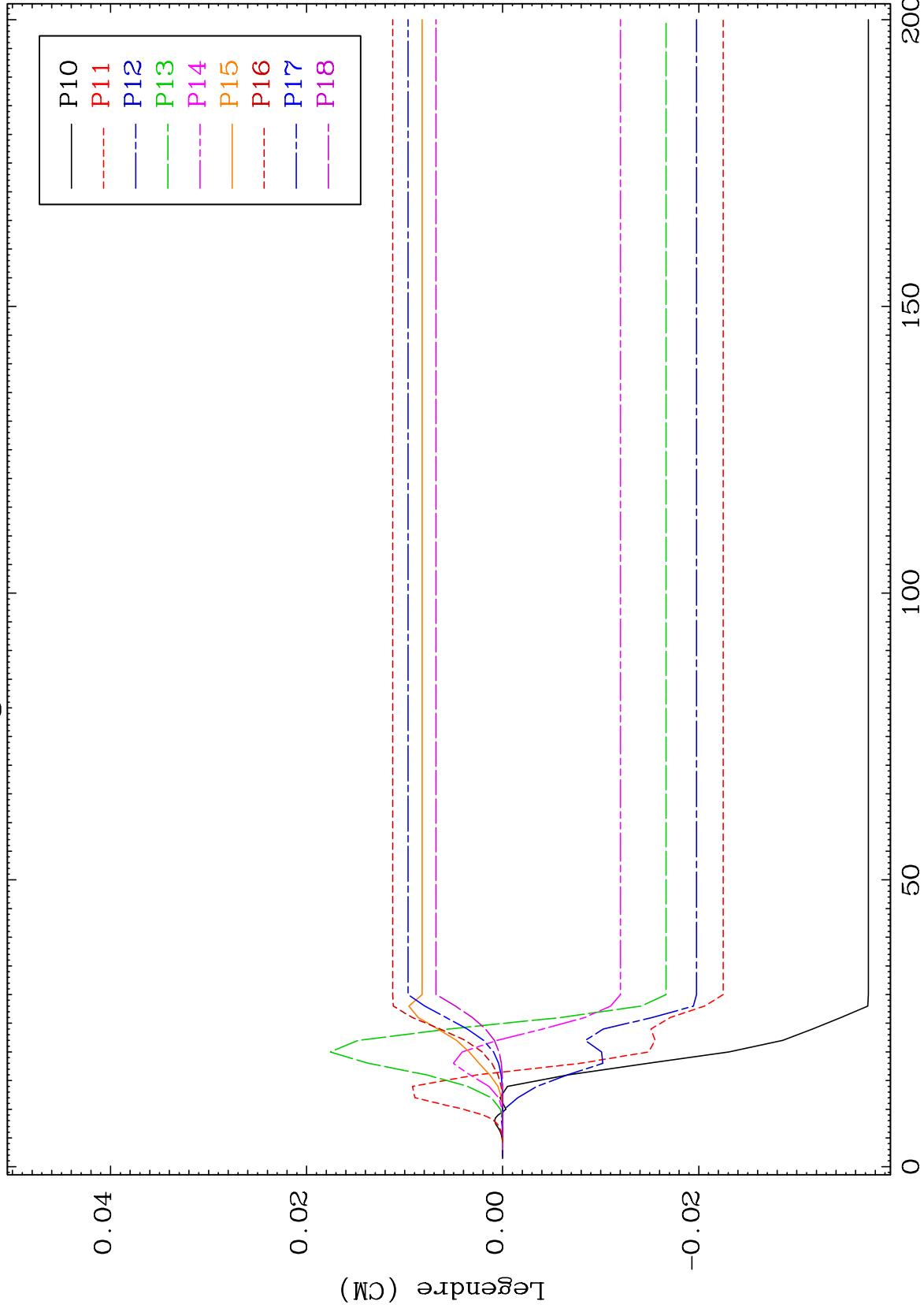
39-Y -97



MAT 3949

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

39-Y -97



25

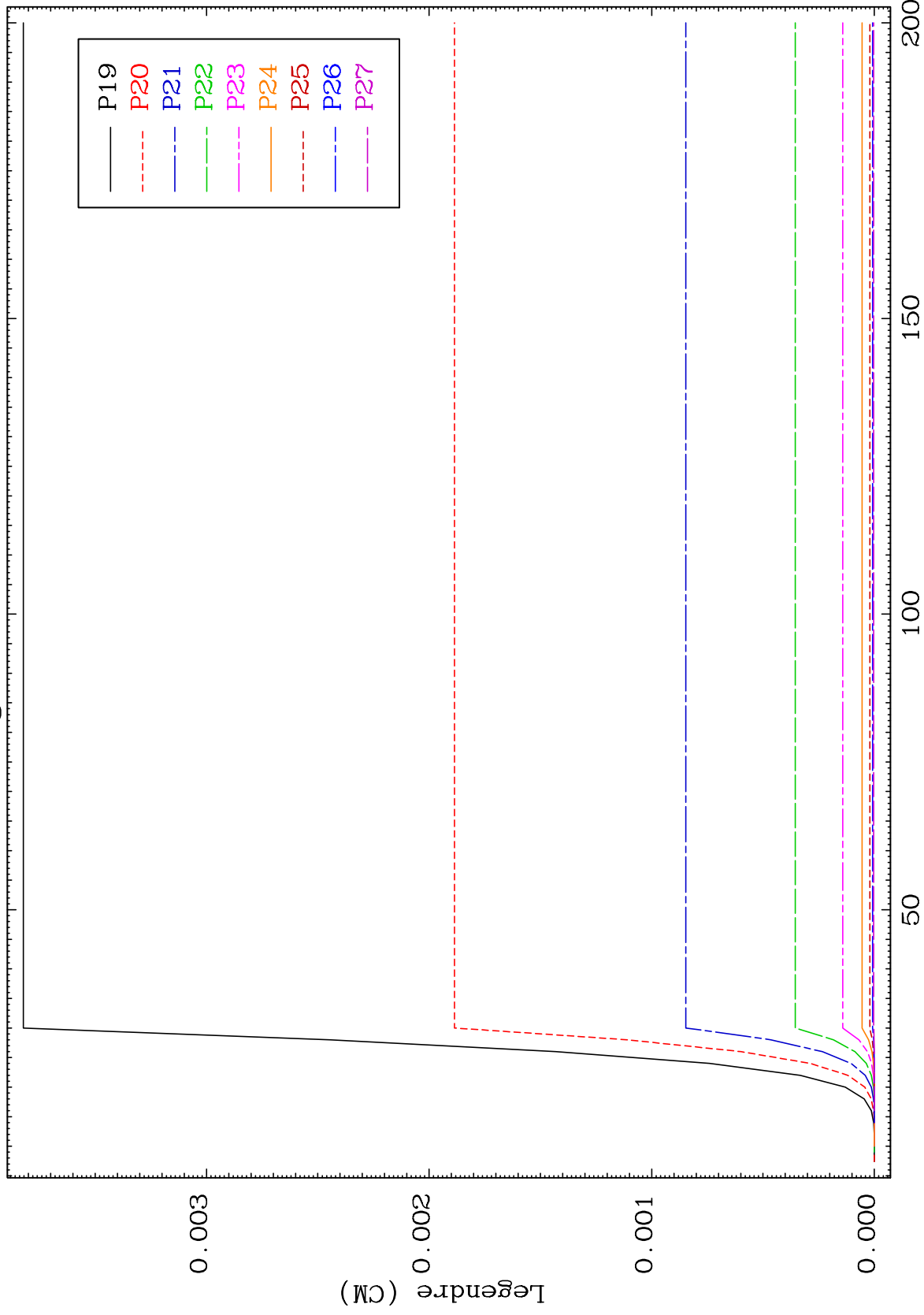
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



26

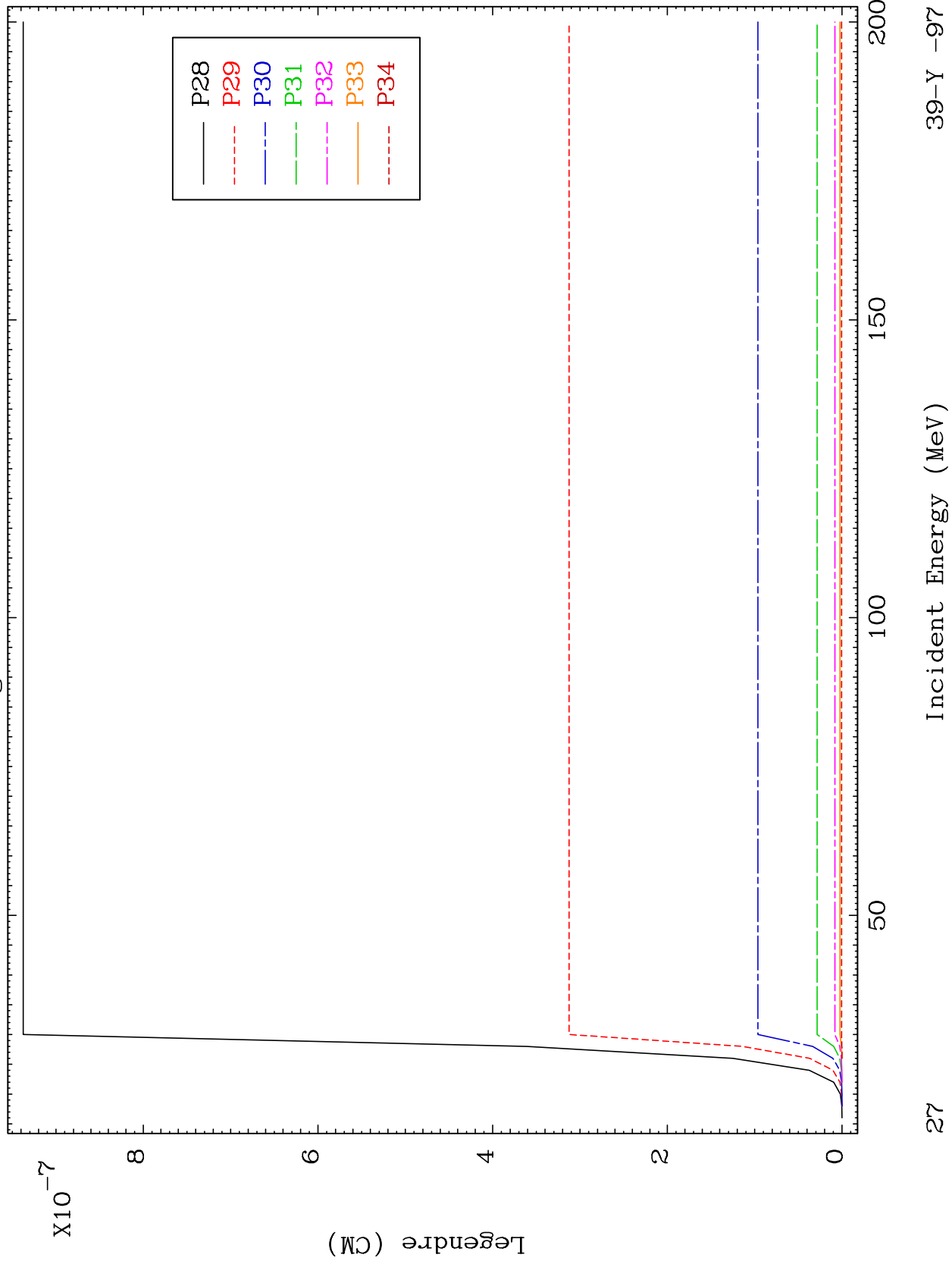
Incident Energy (MeV)

39-Y -97

MAT 3949

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

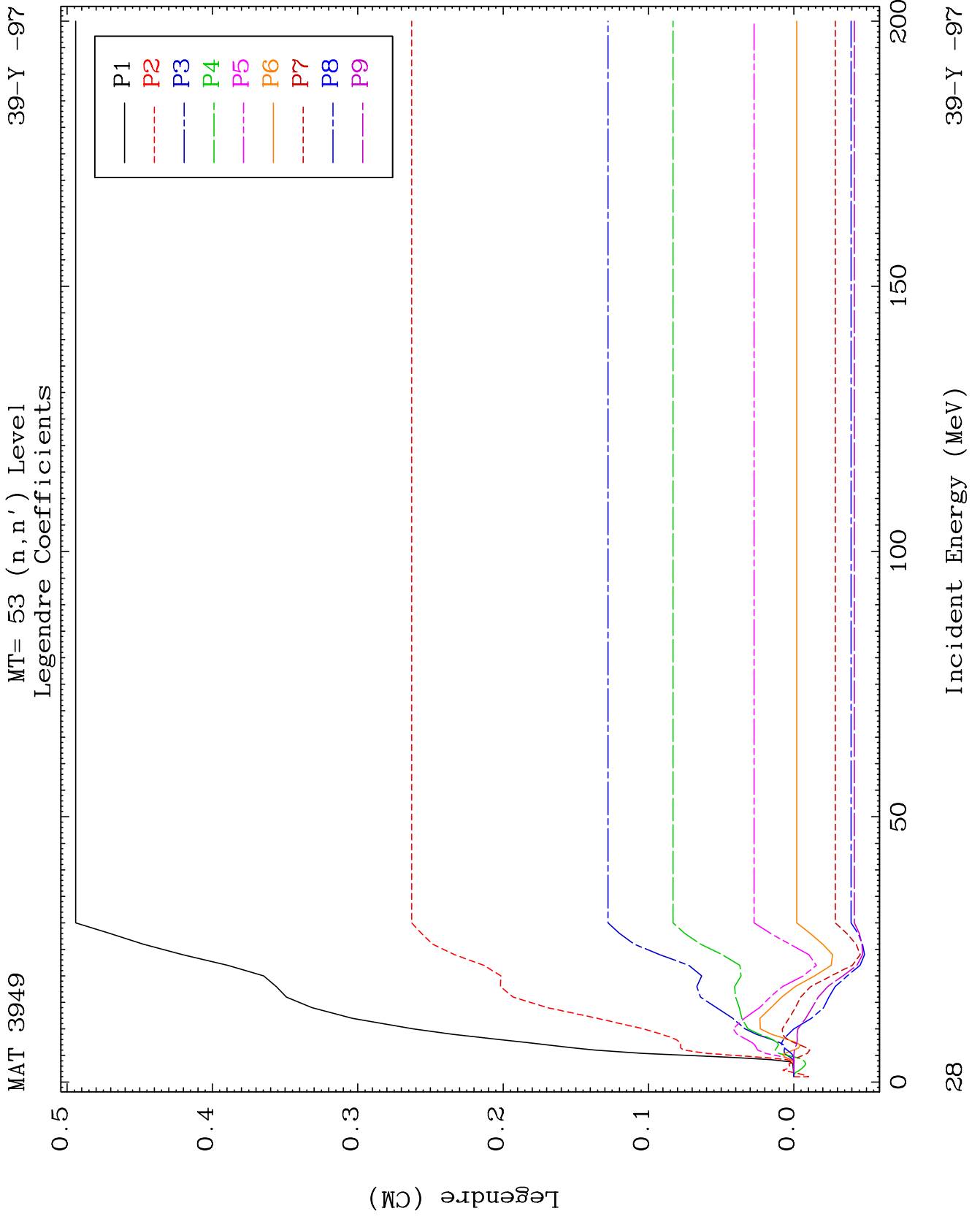
39-Y -97



27

Incident Energy (MeV)

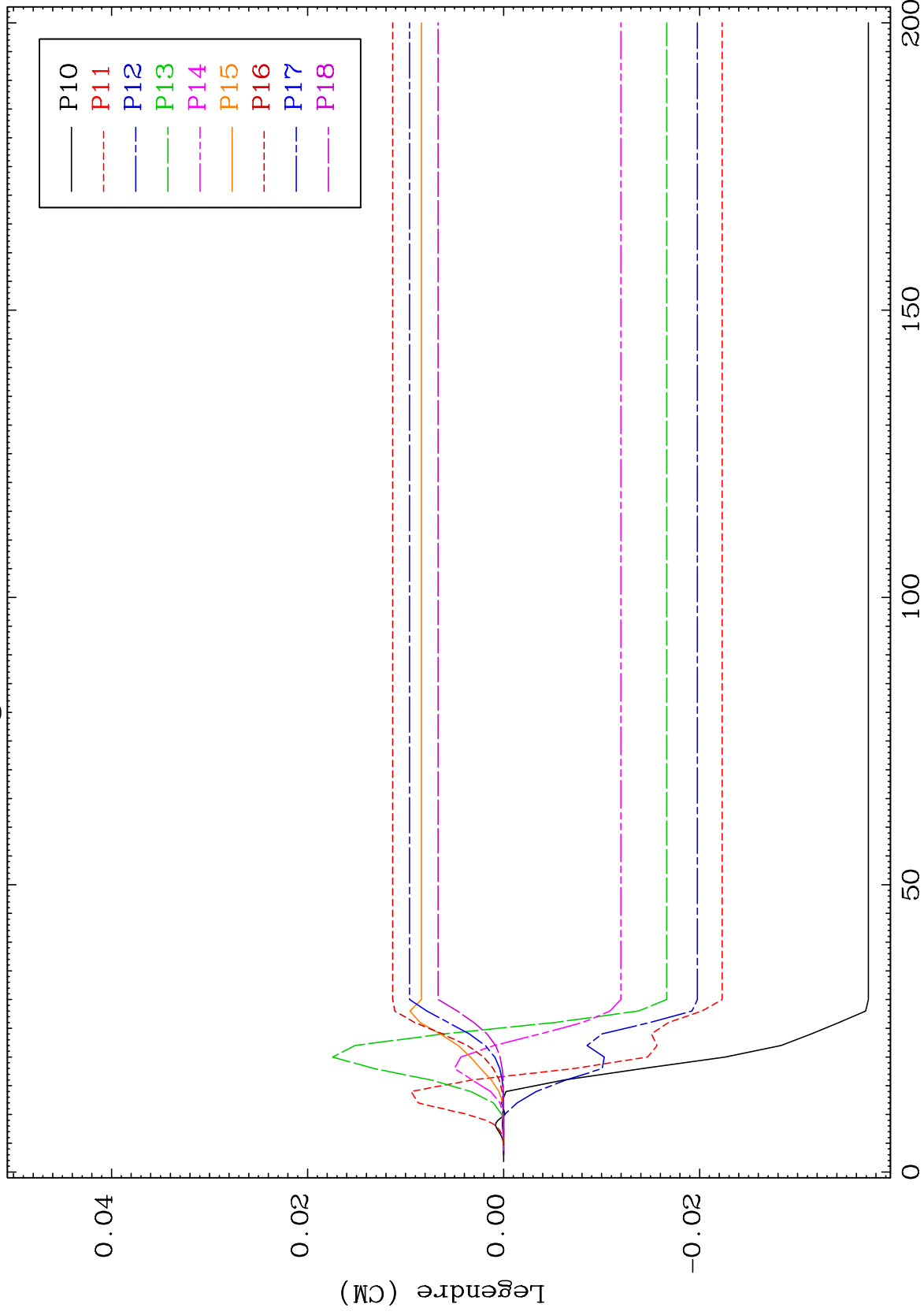
39-Y -97



MAT 3949

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

39-Y -97



29

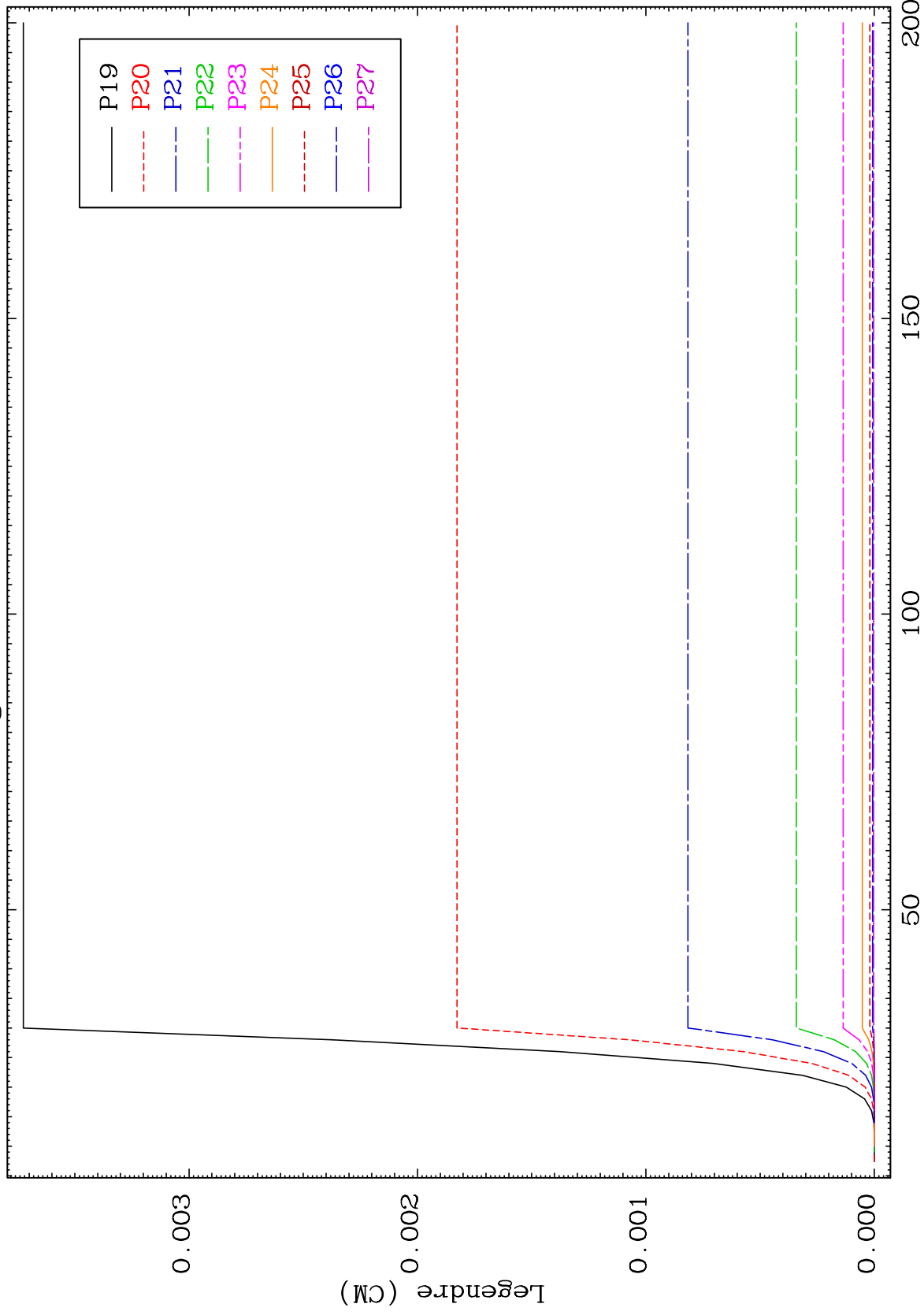
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



39-Y -97

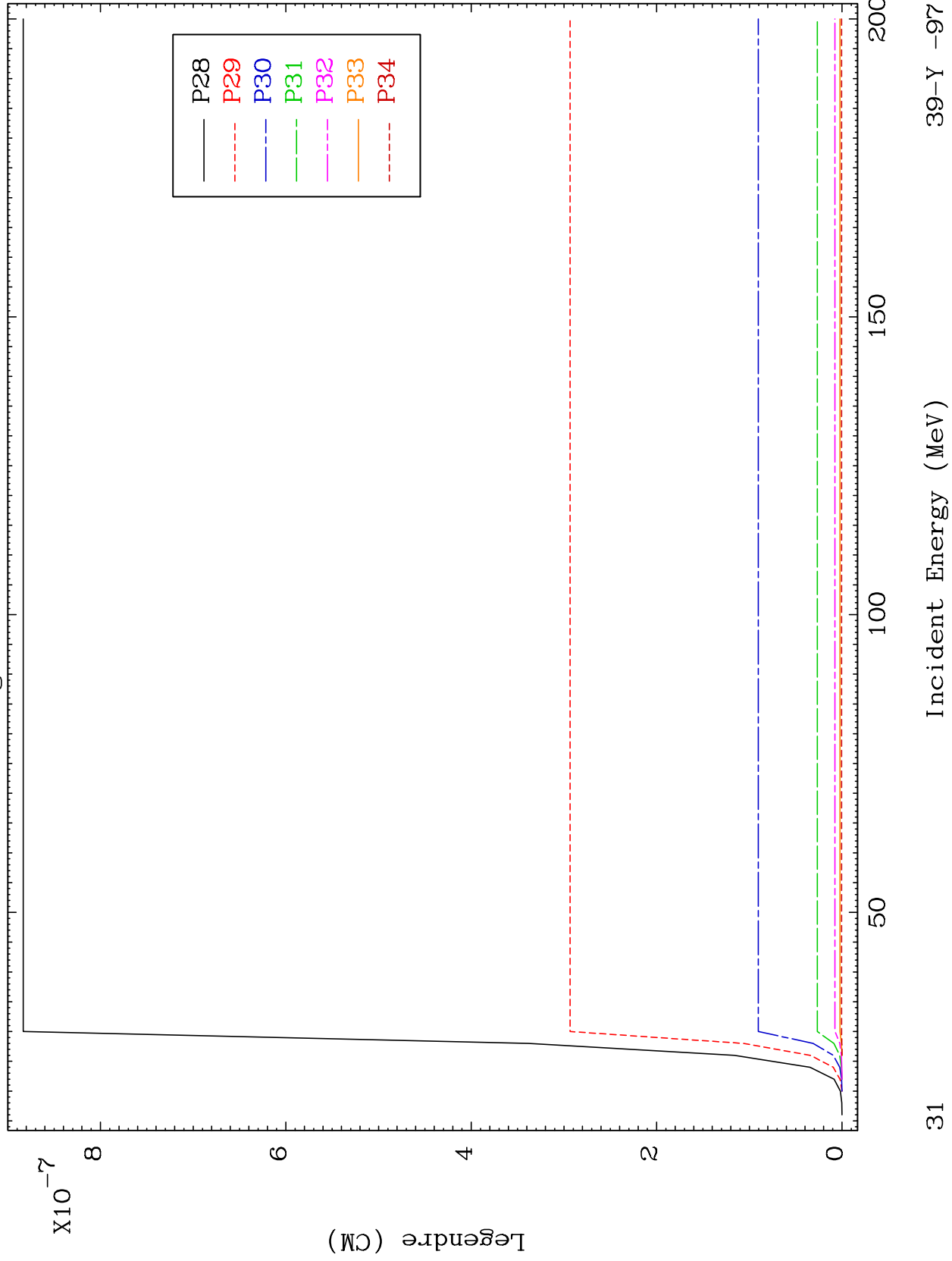
Incident Energy (MeV)

30

MAT 3949

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

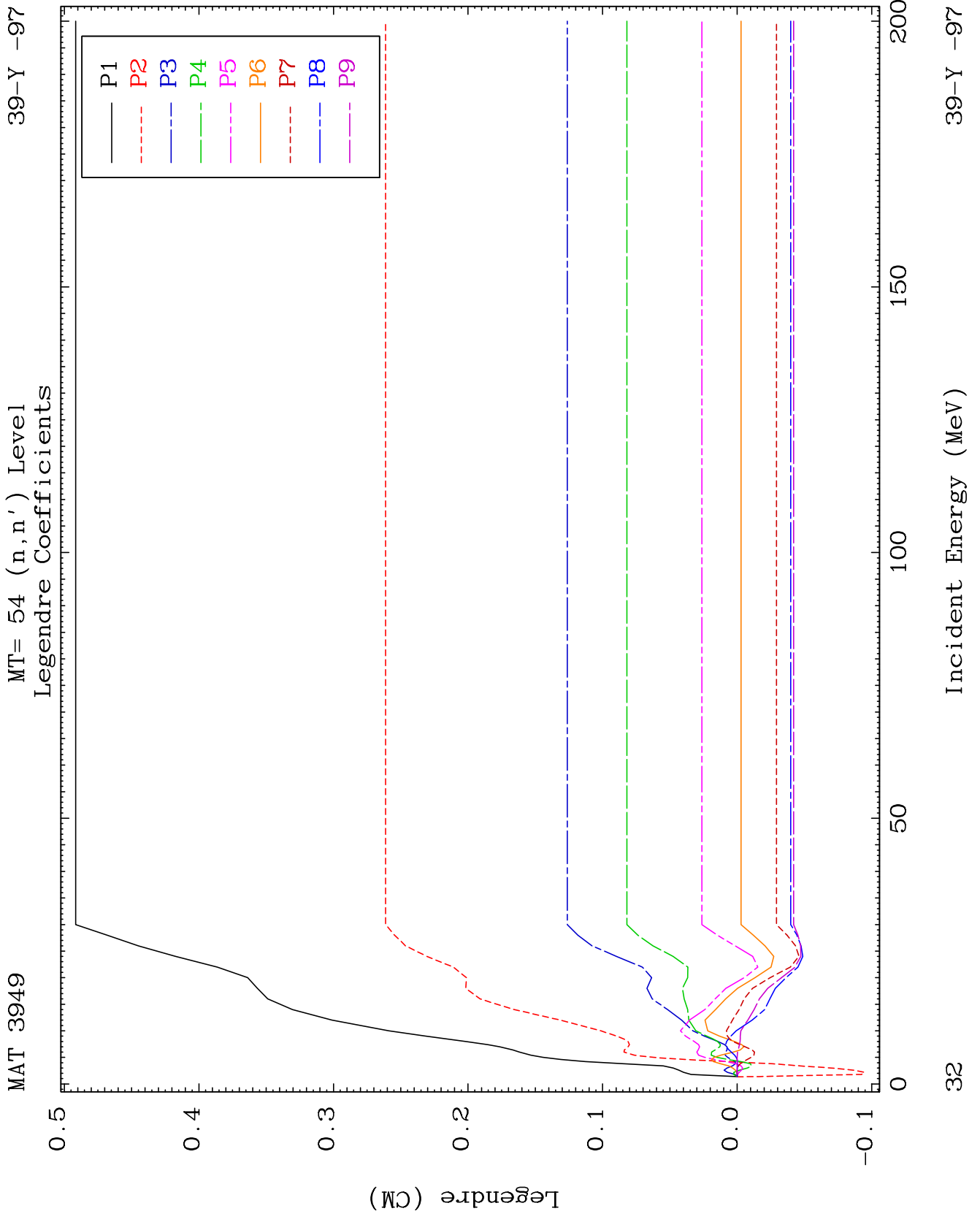
39-Y -97



31

Incident Energy (MeV)

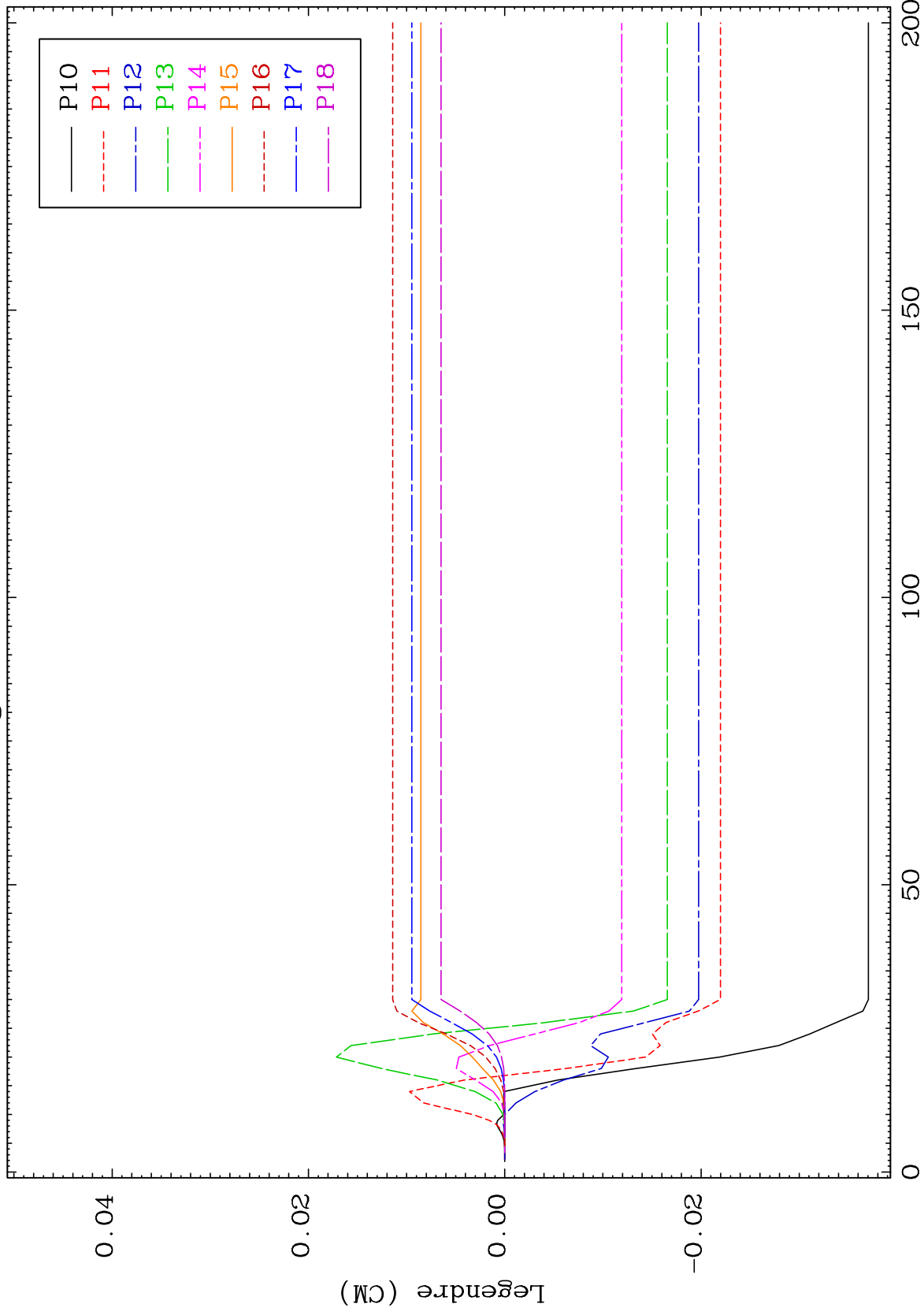
39-Y -97



MAT 3949

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

39-Y -97



33

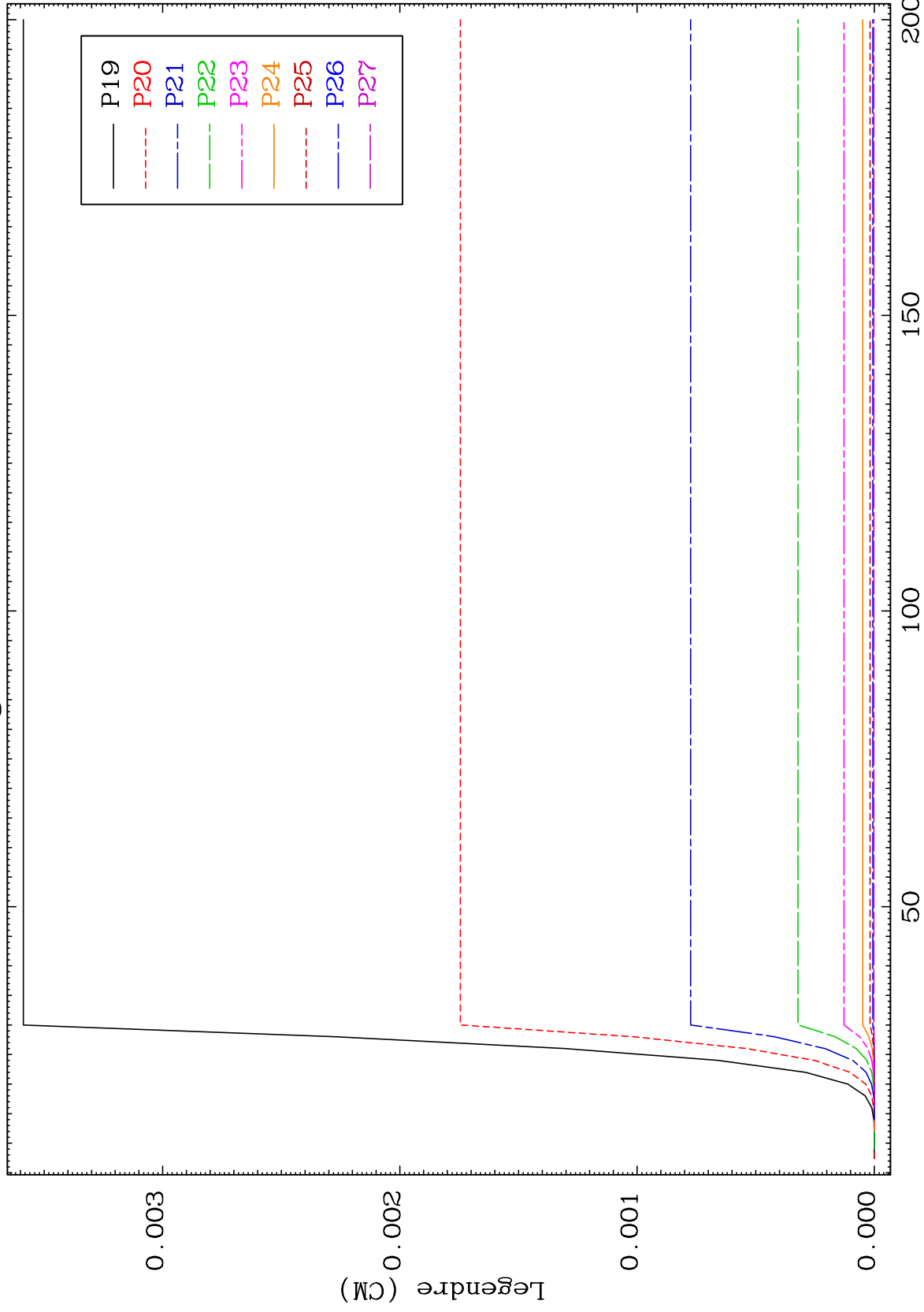
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



34

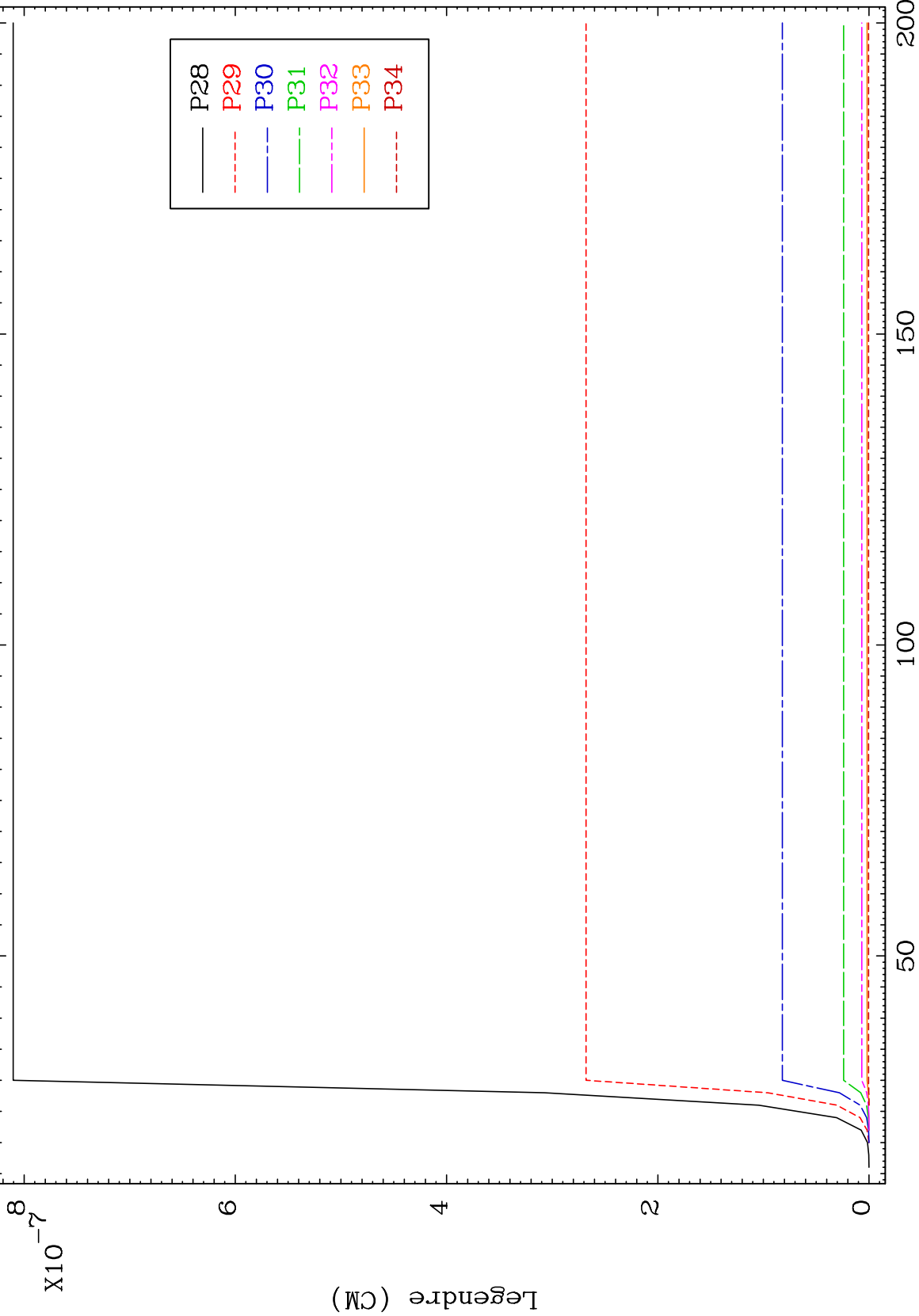
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



35

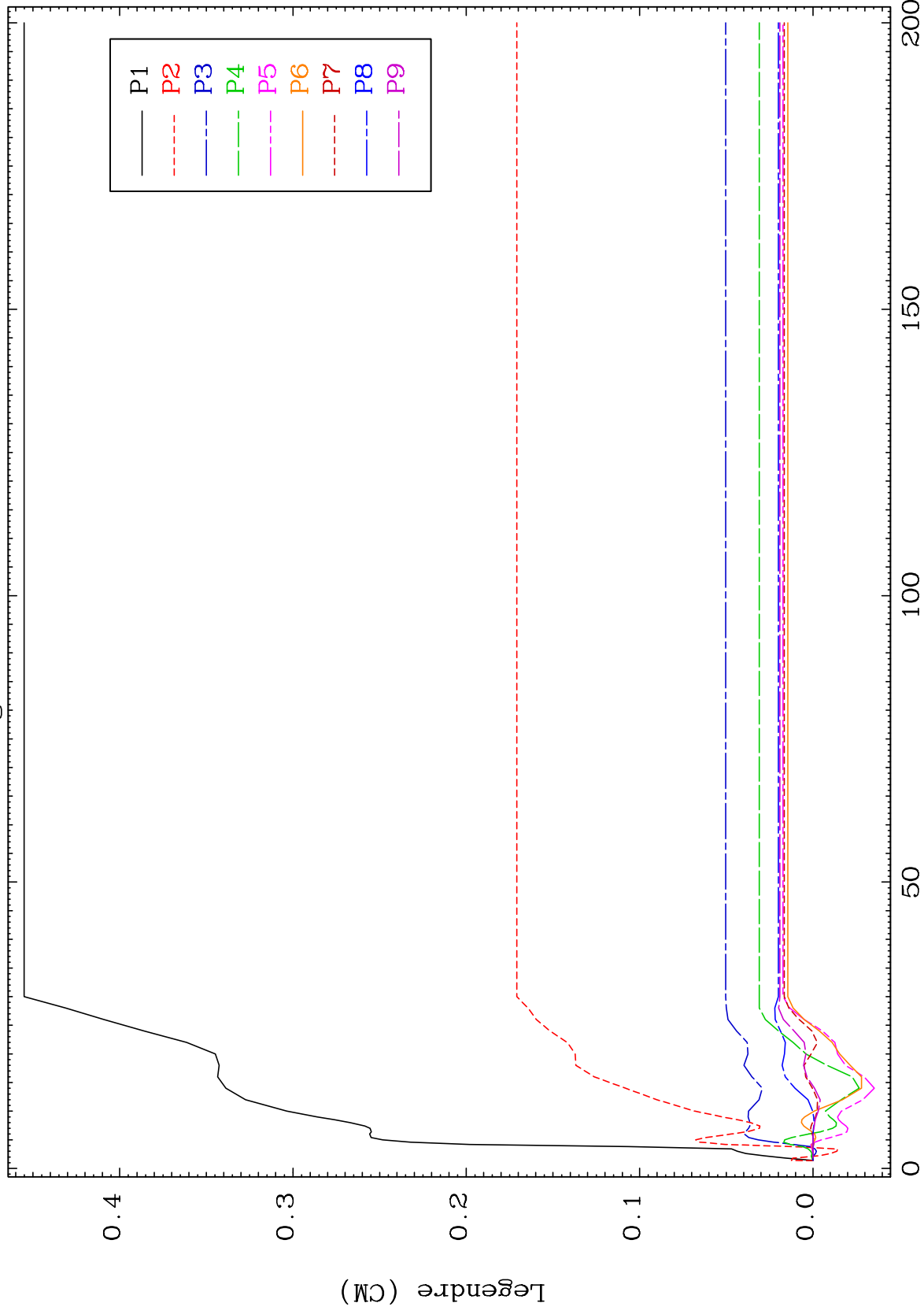
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



36

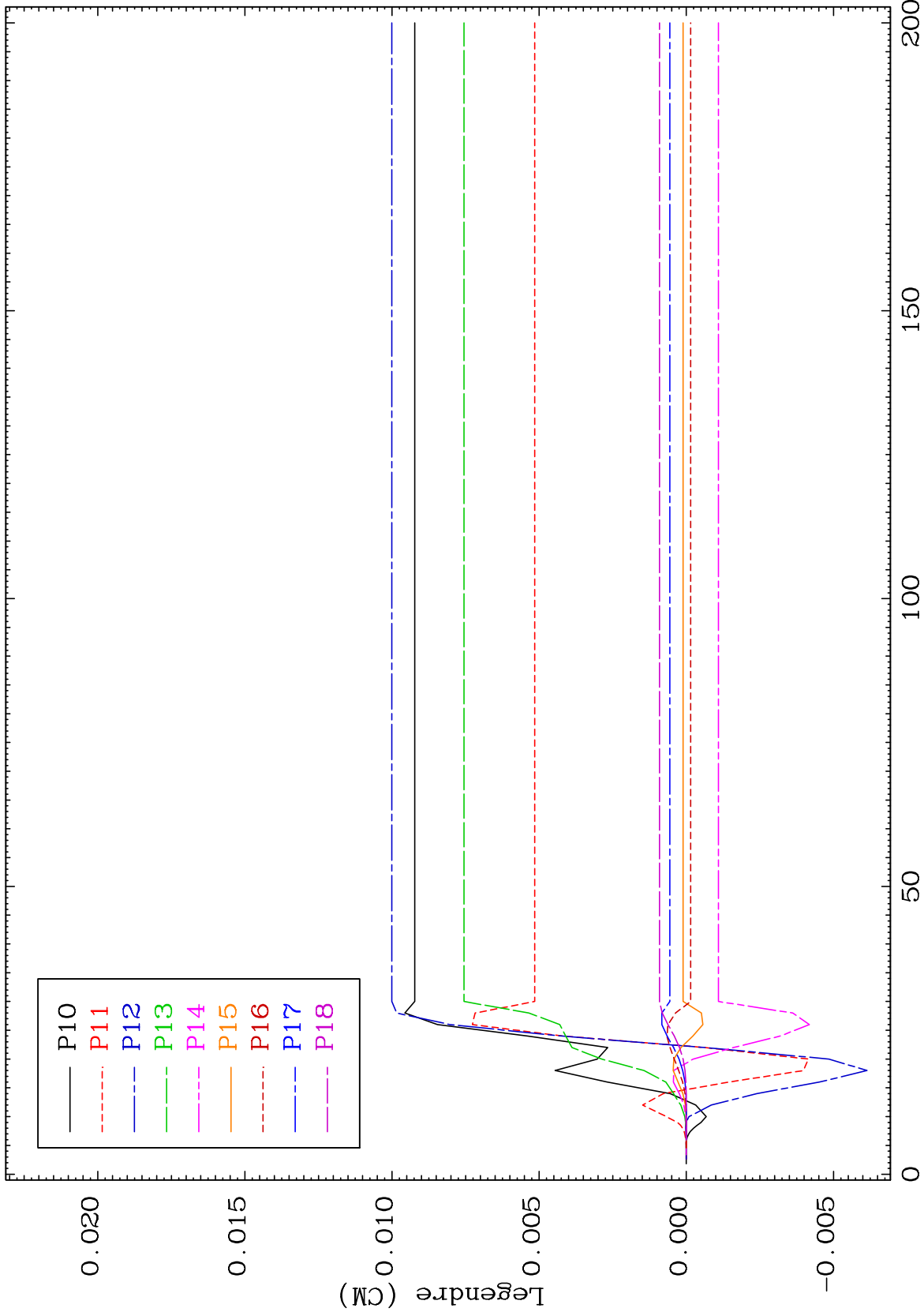
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



37

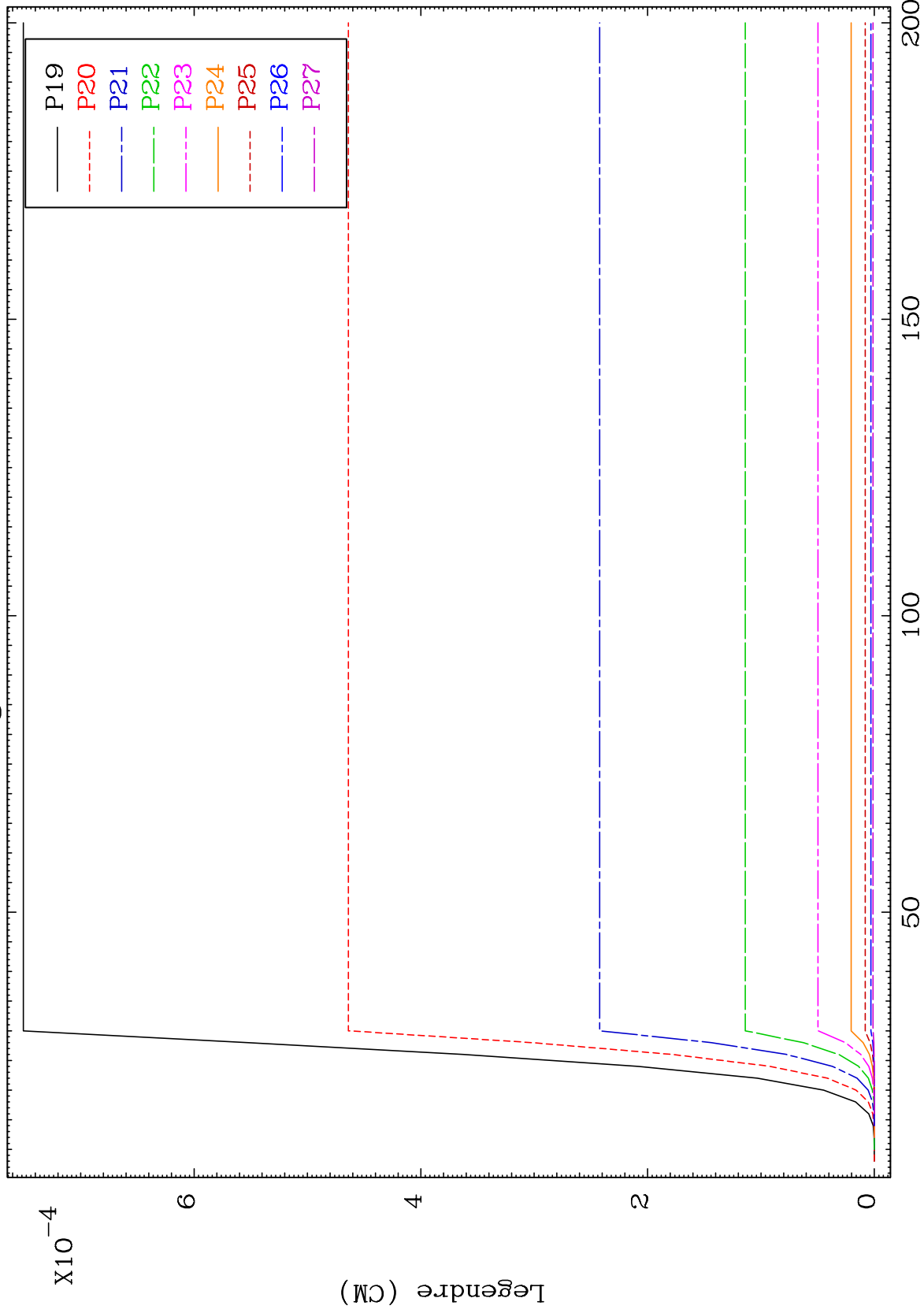
Incident Energy (MeV)

39-Y -97

MAT 3949

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

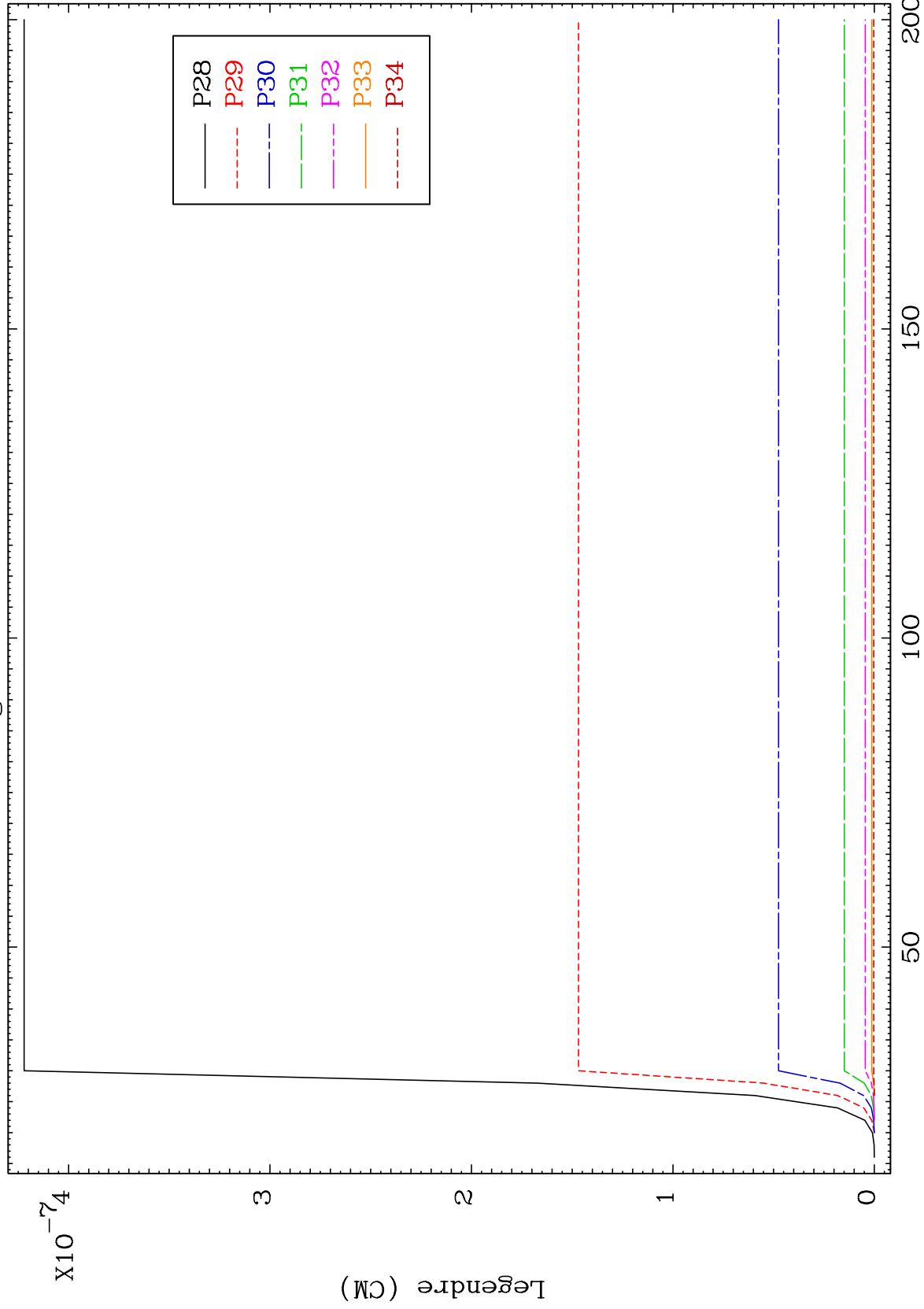
39-Y -97



MAT 3949

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

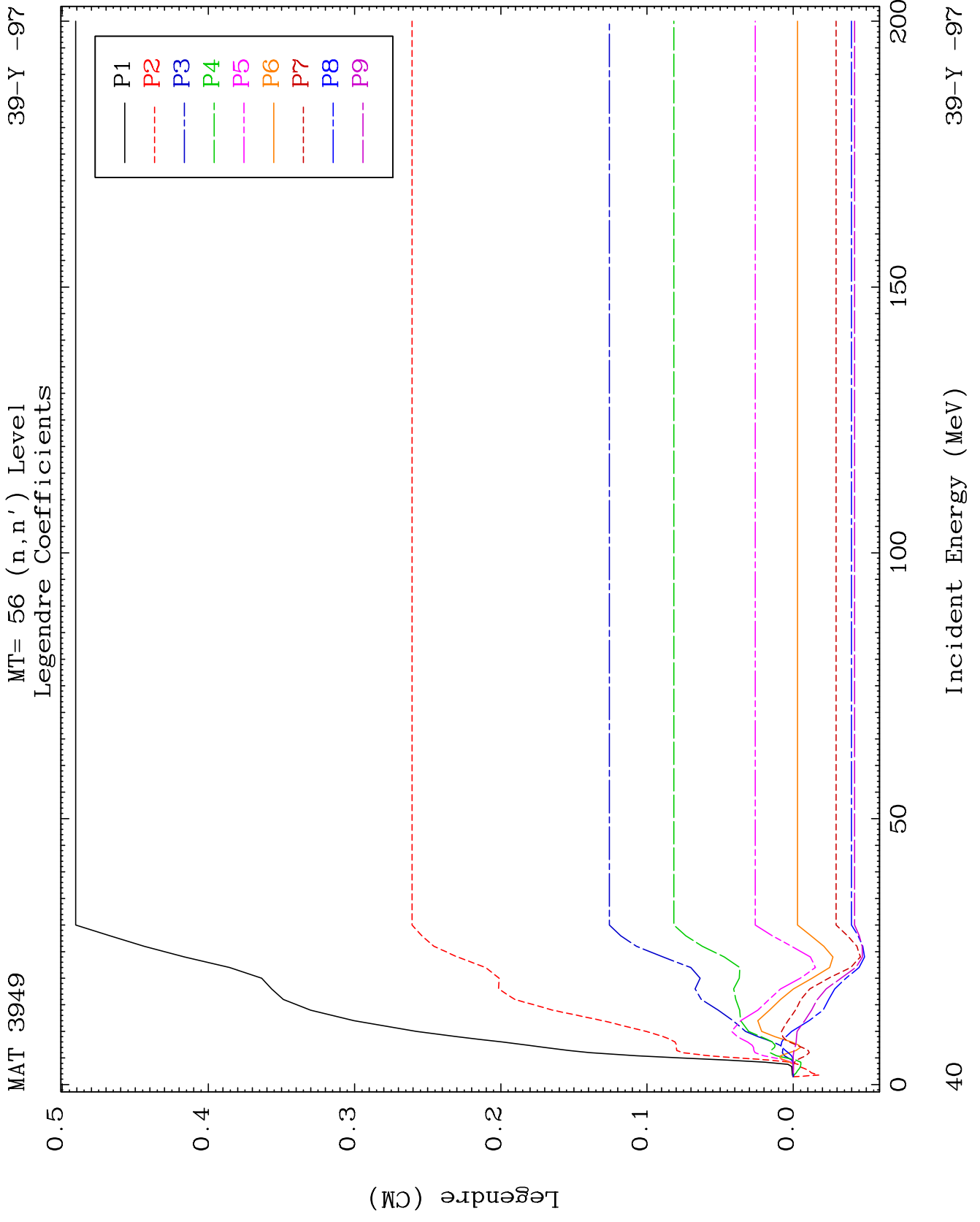
39-Y -97



39

Incident Energy (MeV)

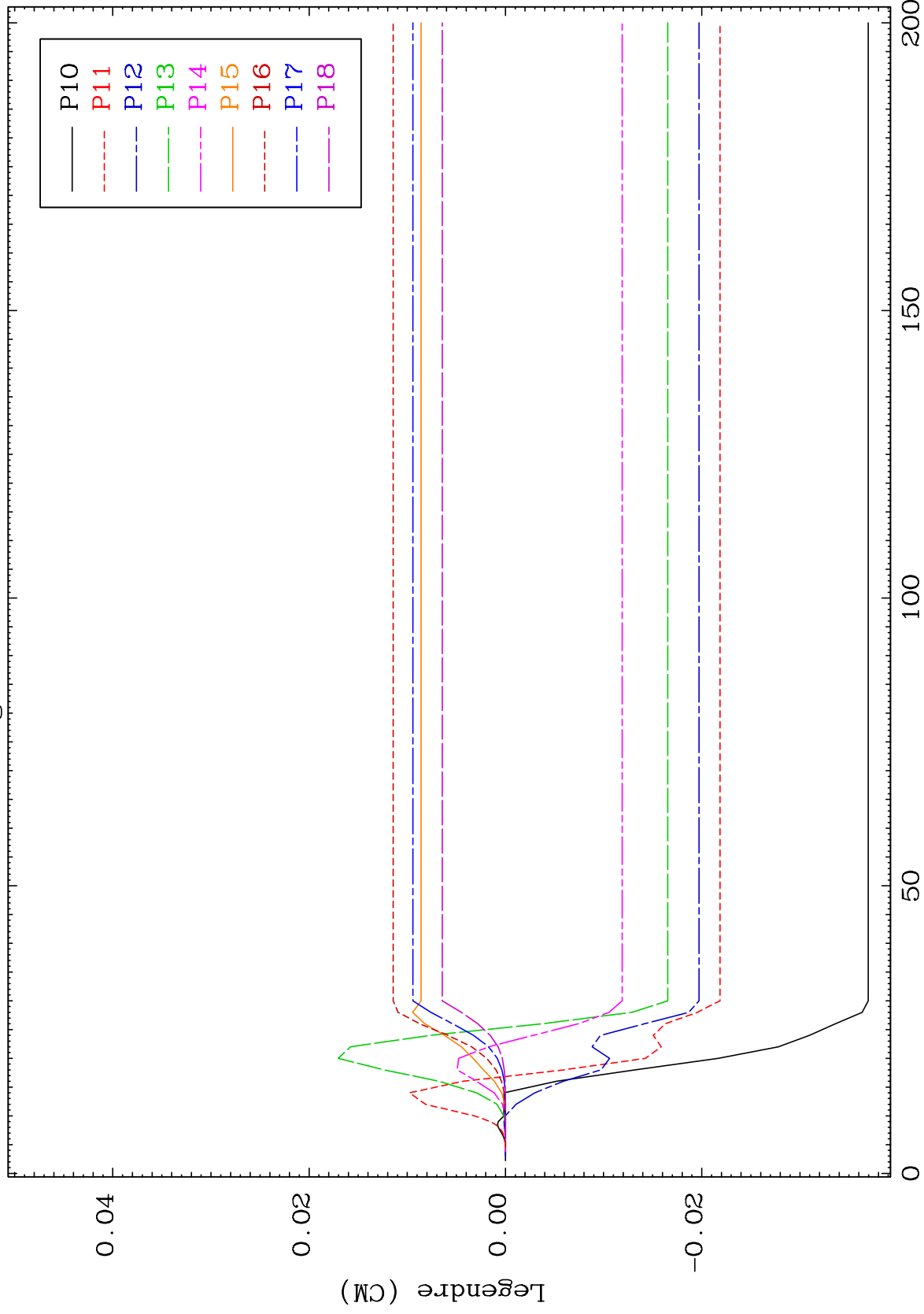
39-Y -97



MAT 3949

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

39-Y -97



41

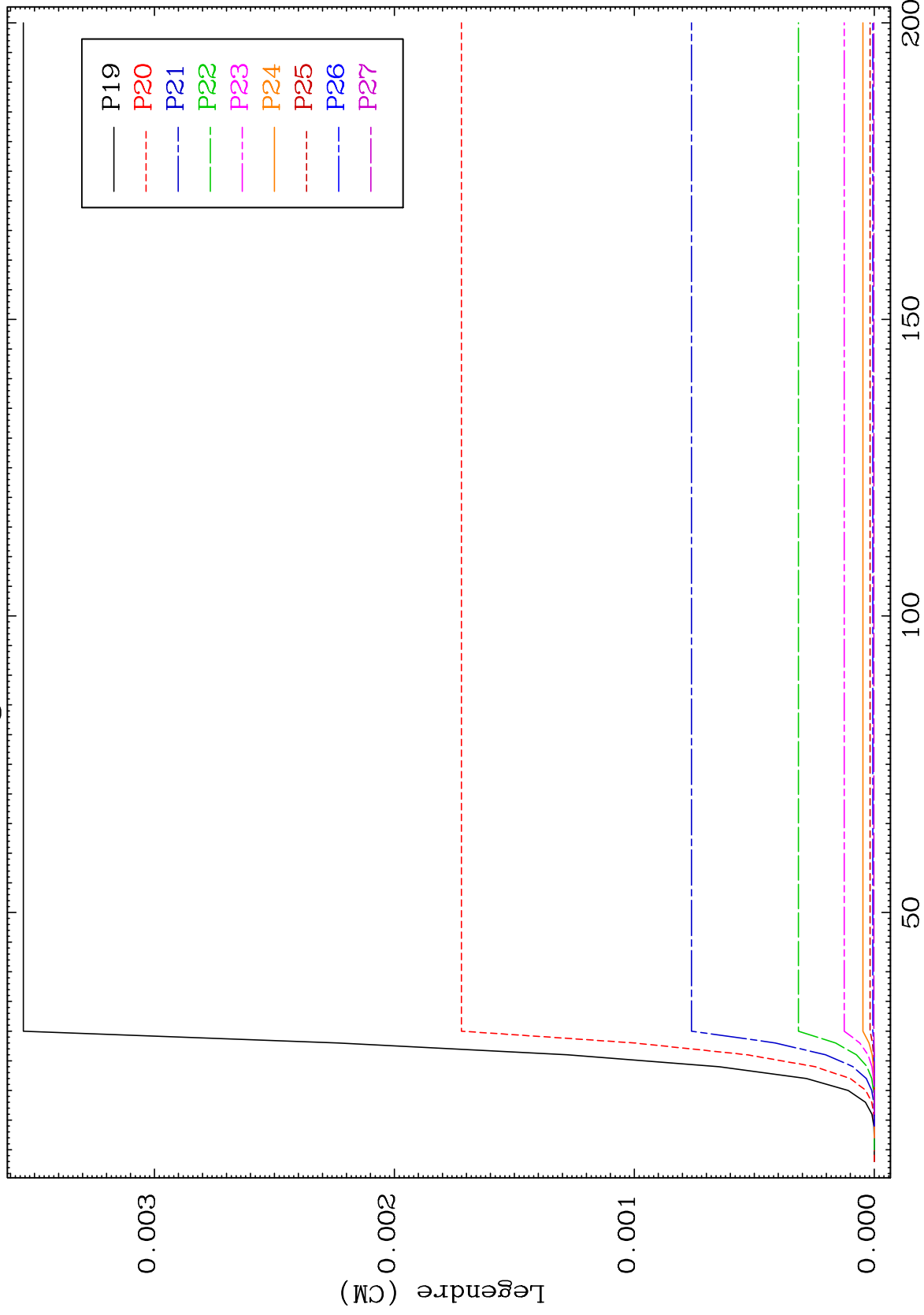
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



42

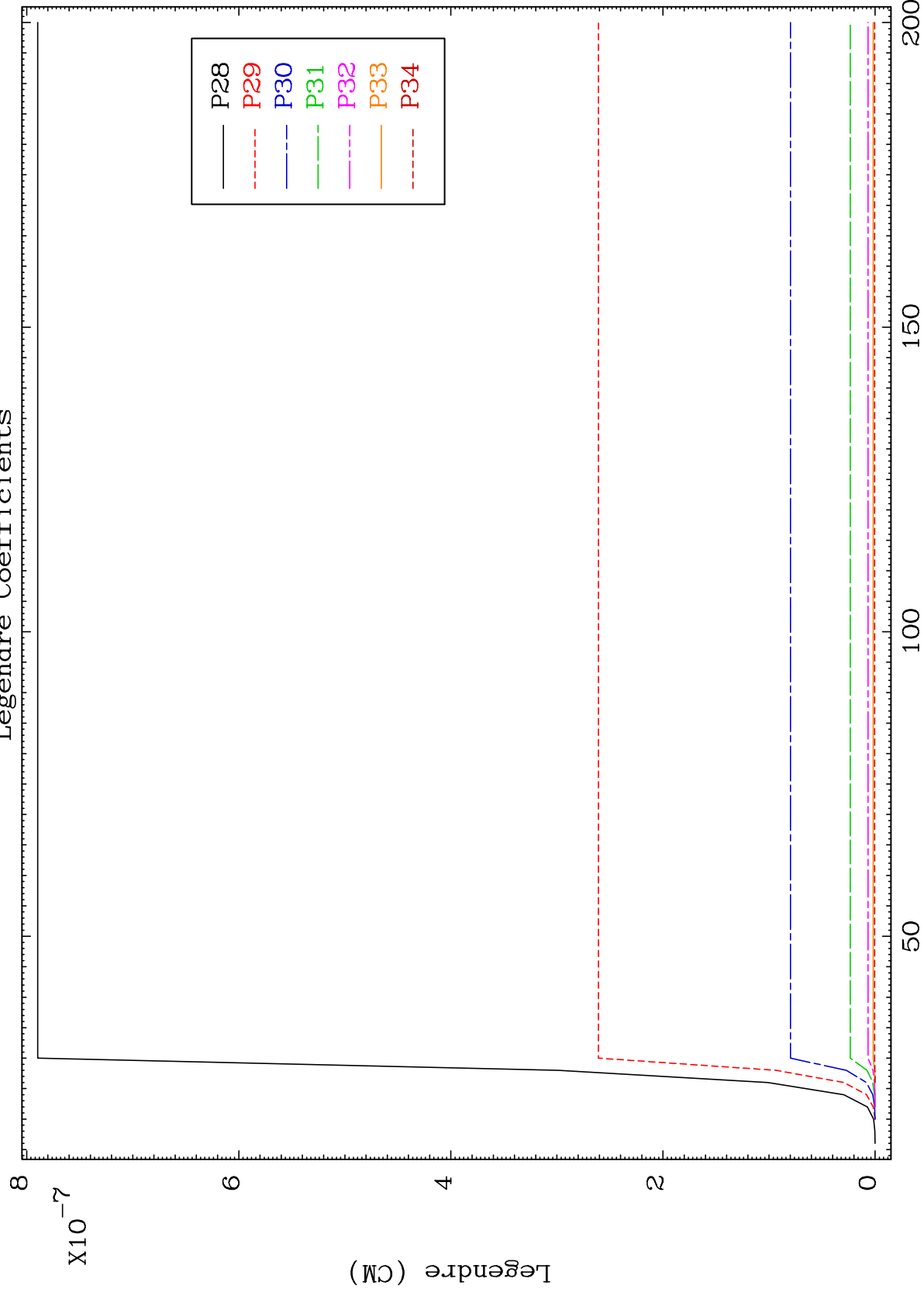
Incident Energy (MeV)

39-Y -97

MAT 3949

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

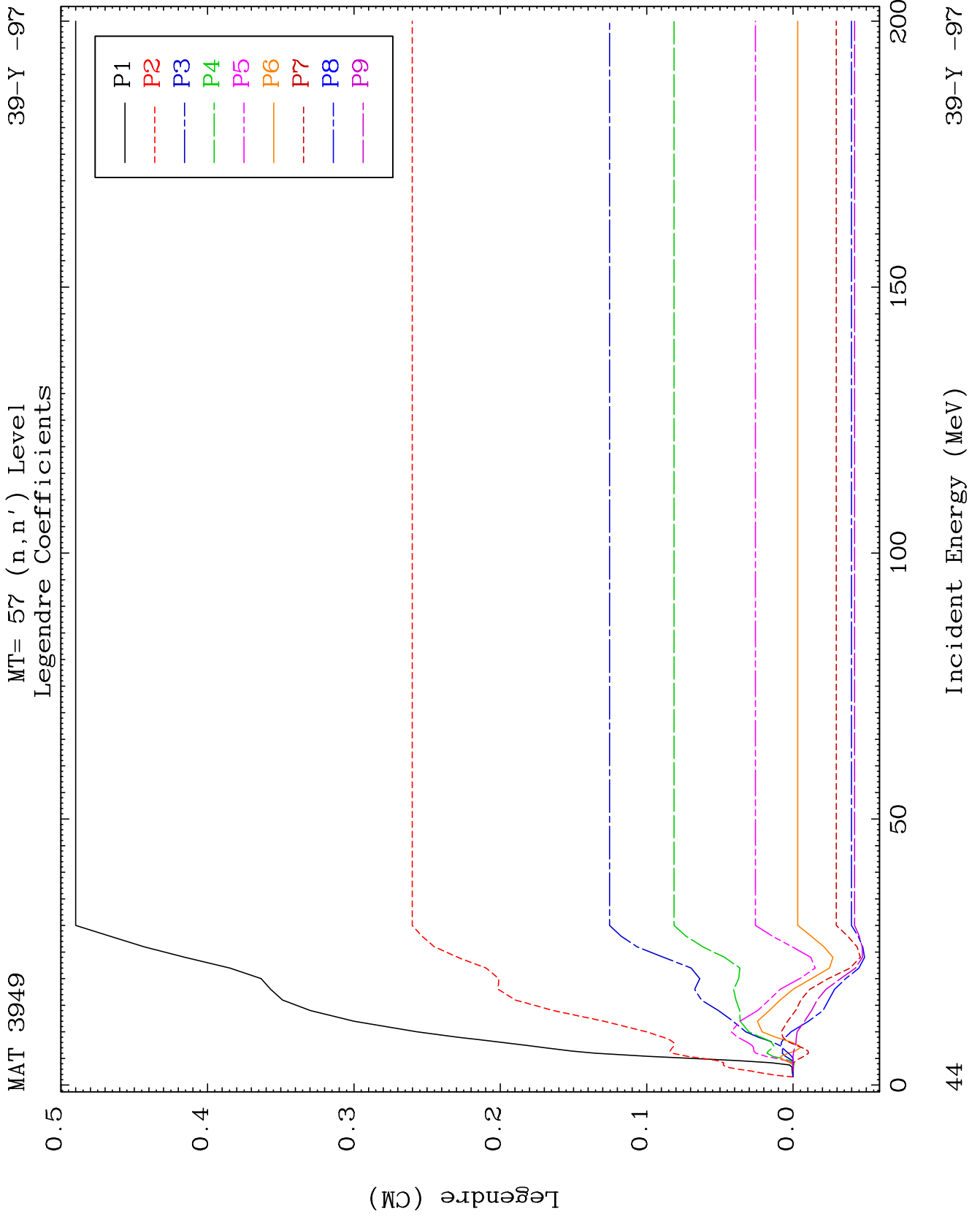
39-Y -97



43

Incident Energy (MeV)

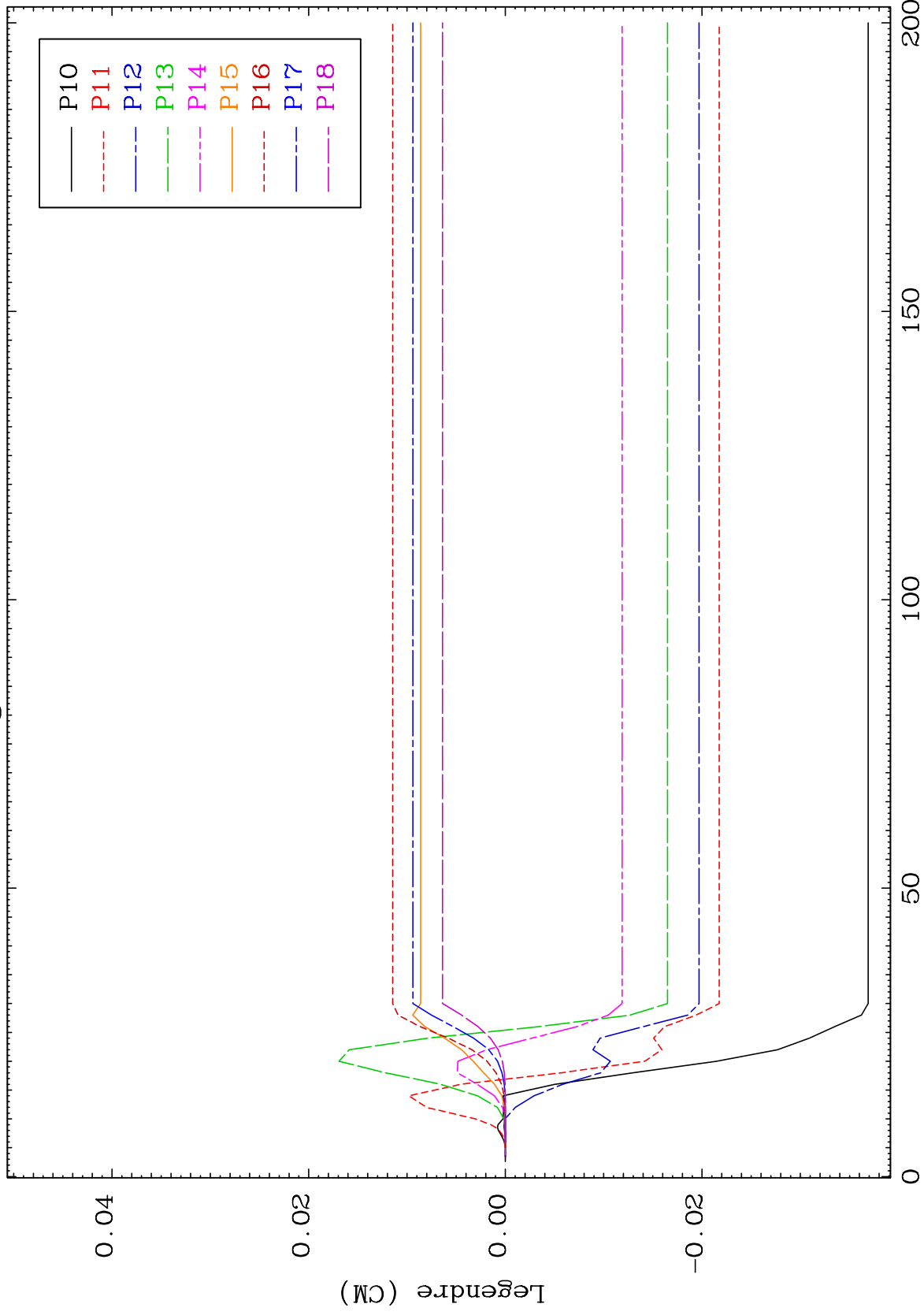
39-Y -97



MAT 3949

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

39-Y -97



45

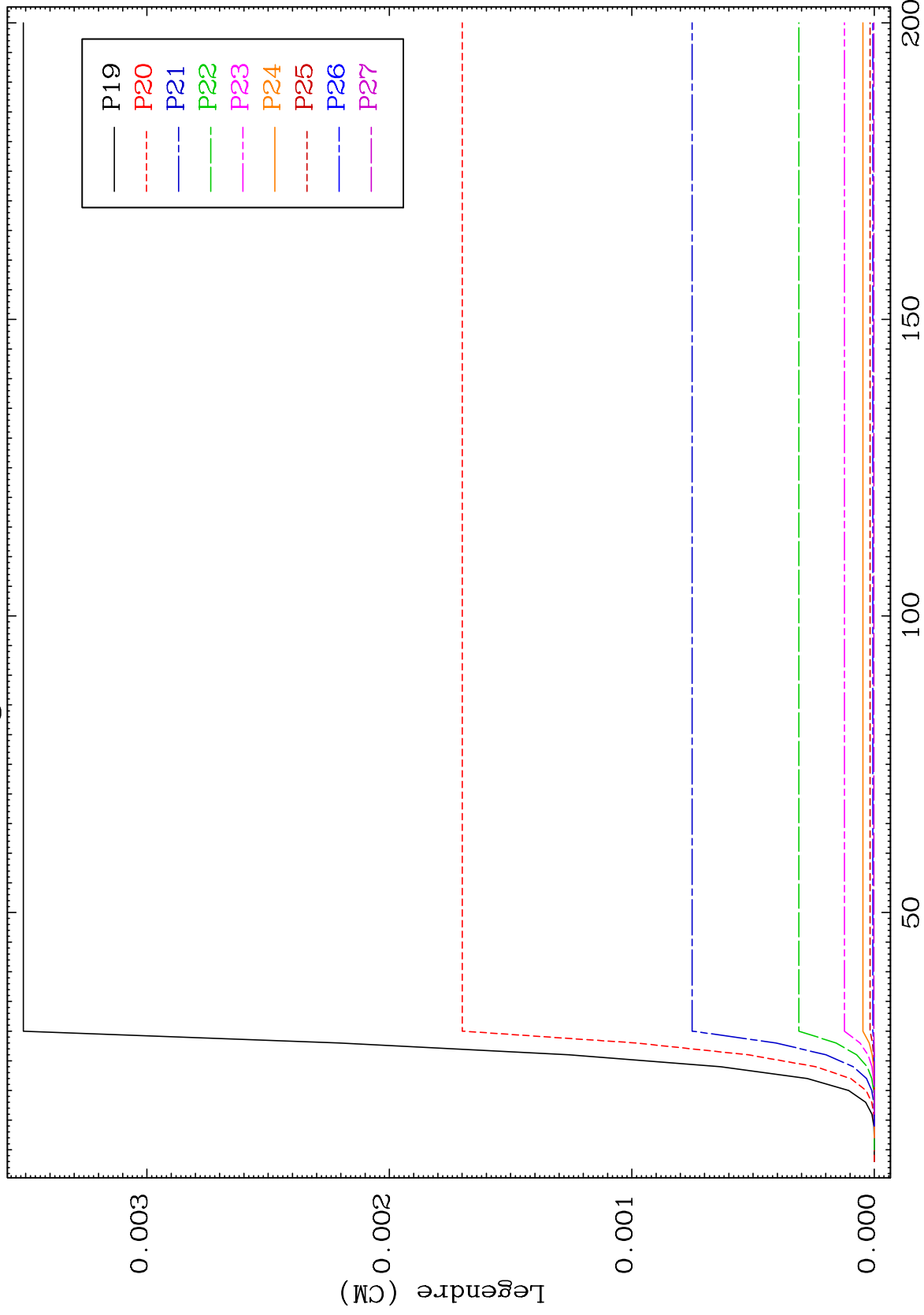
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



46

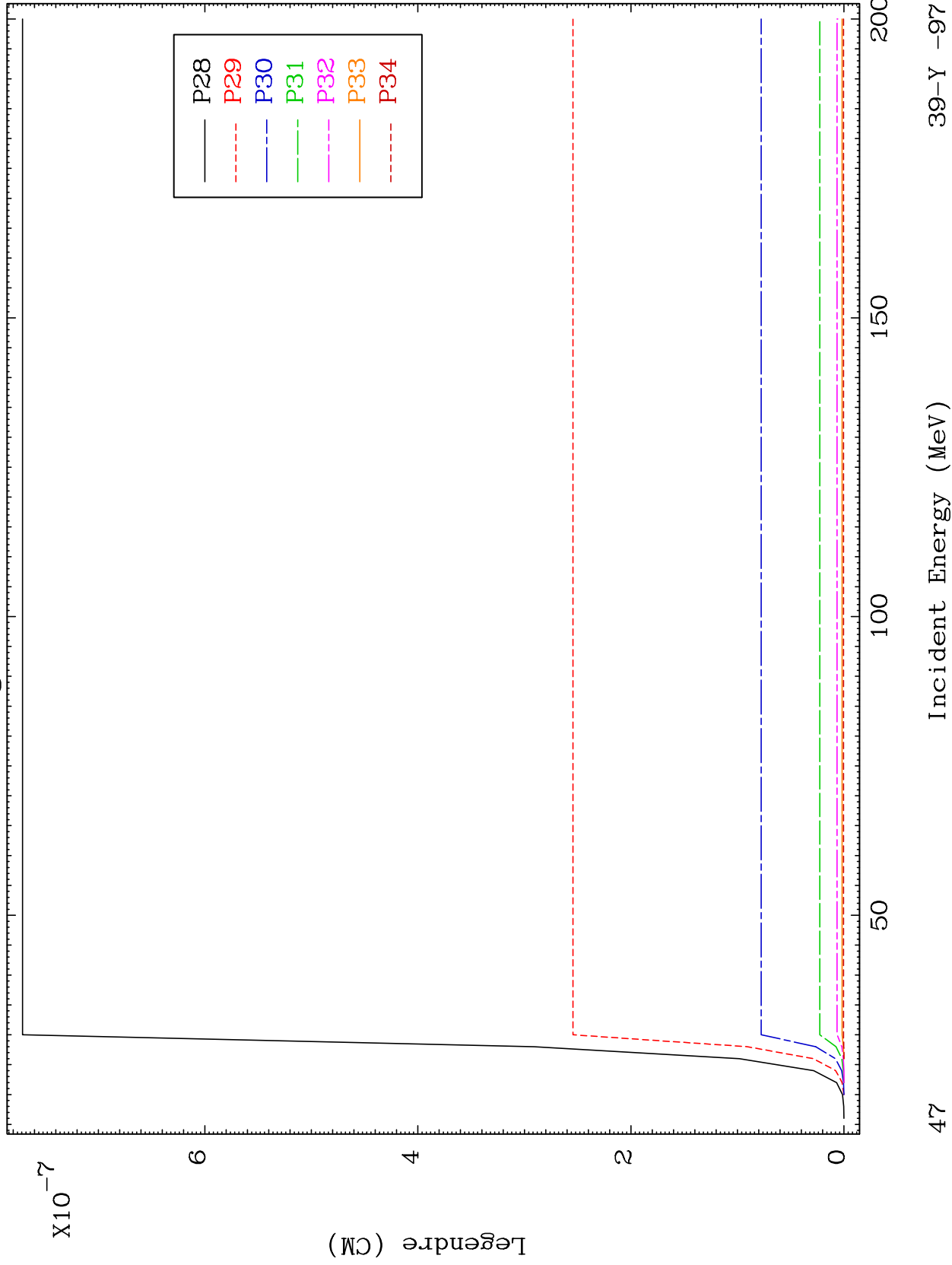
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



47

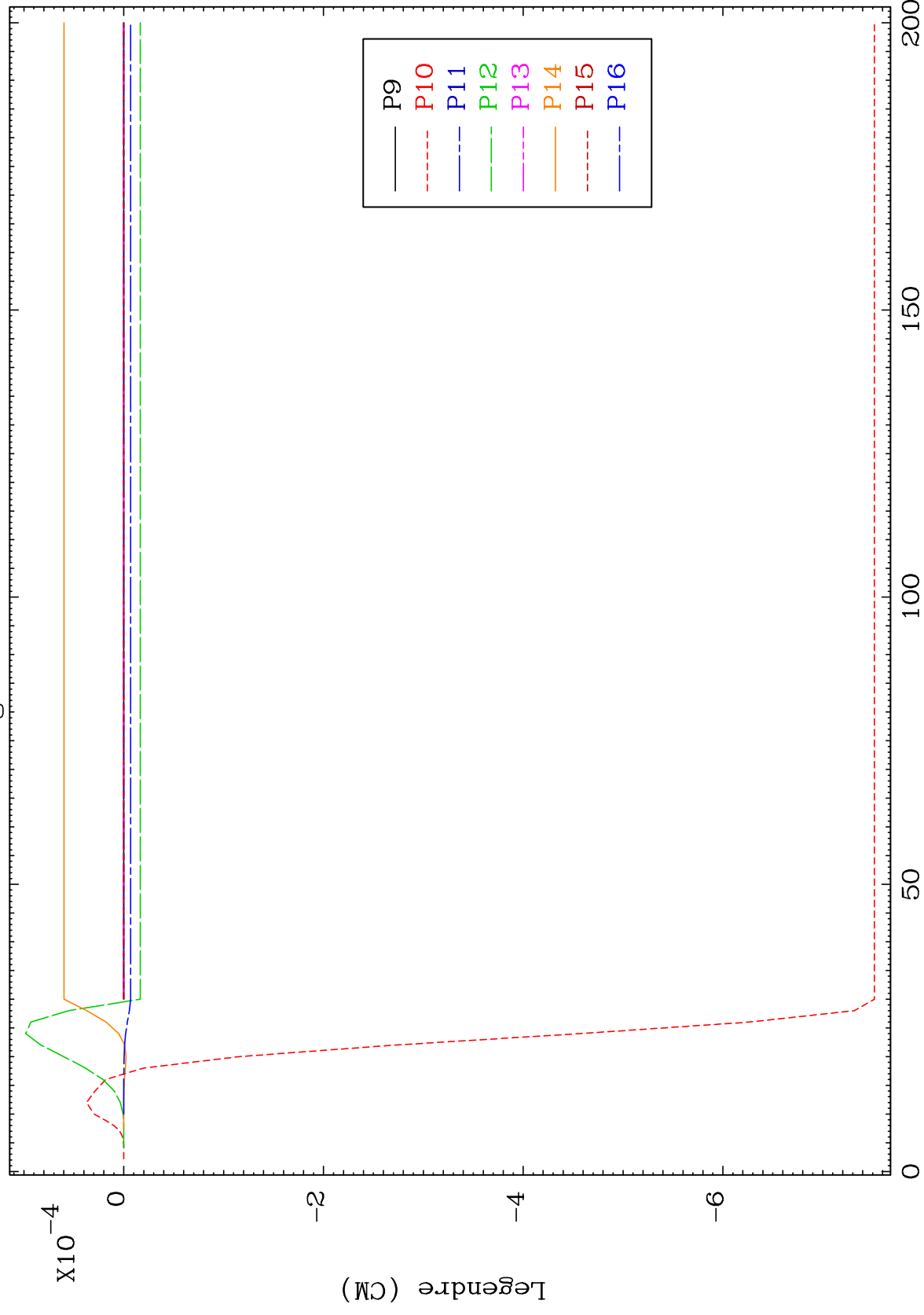
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



49

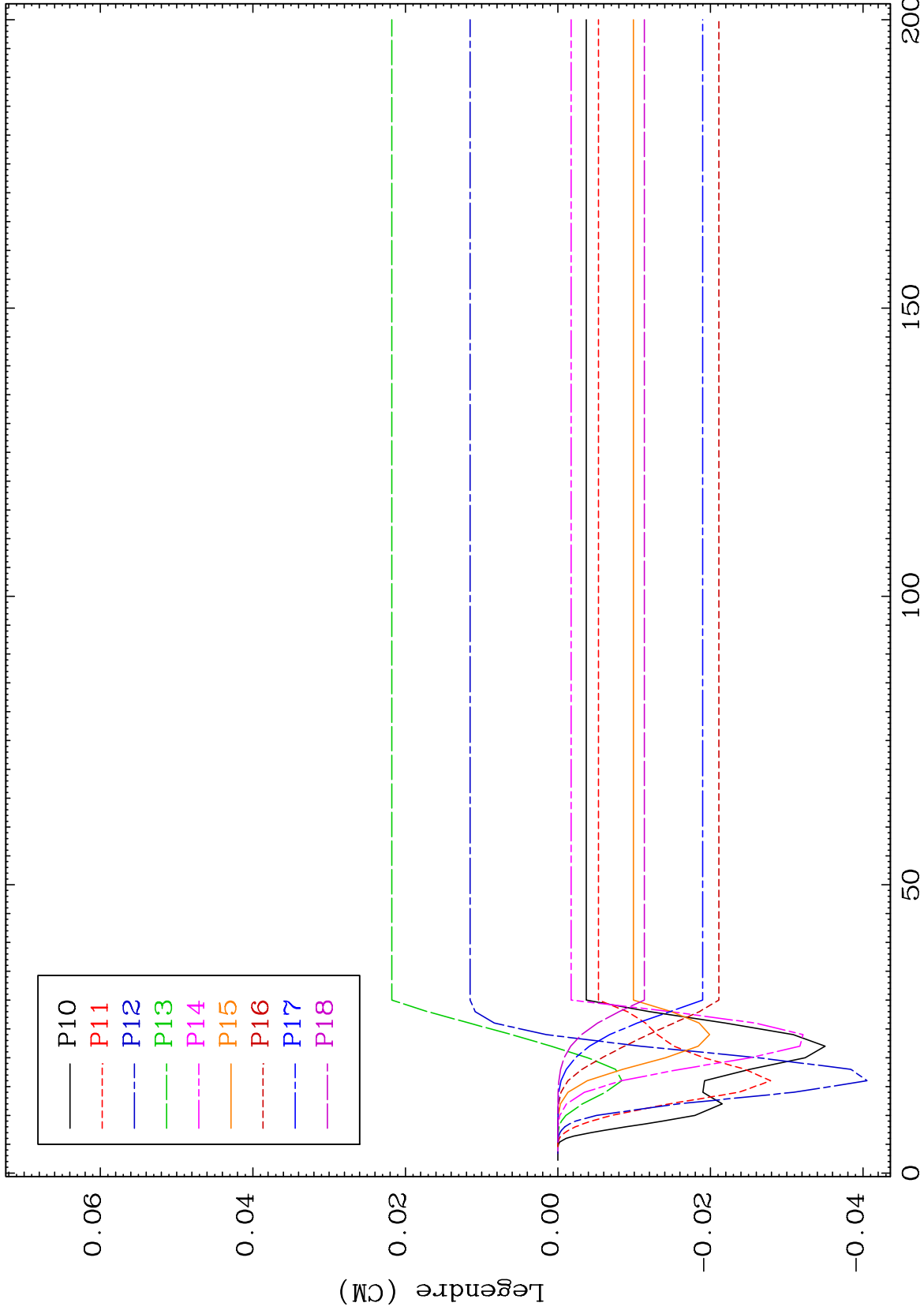
Incident Energy (MeV)

39-Y -97

MAT 3949

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

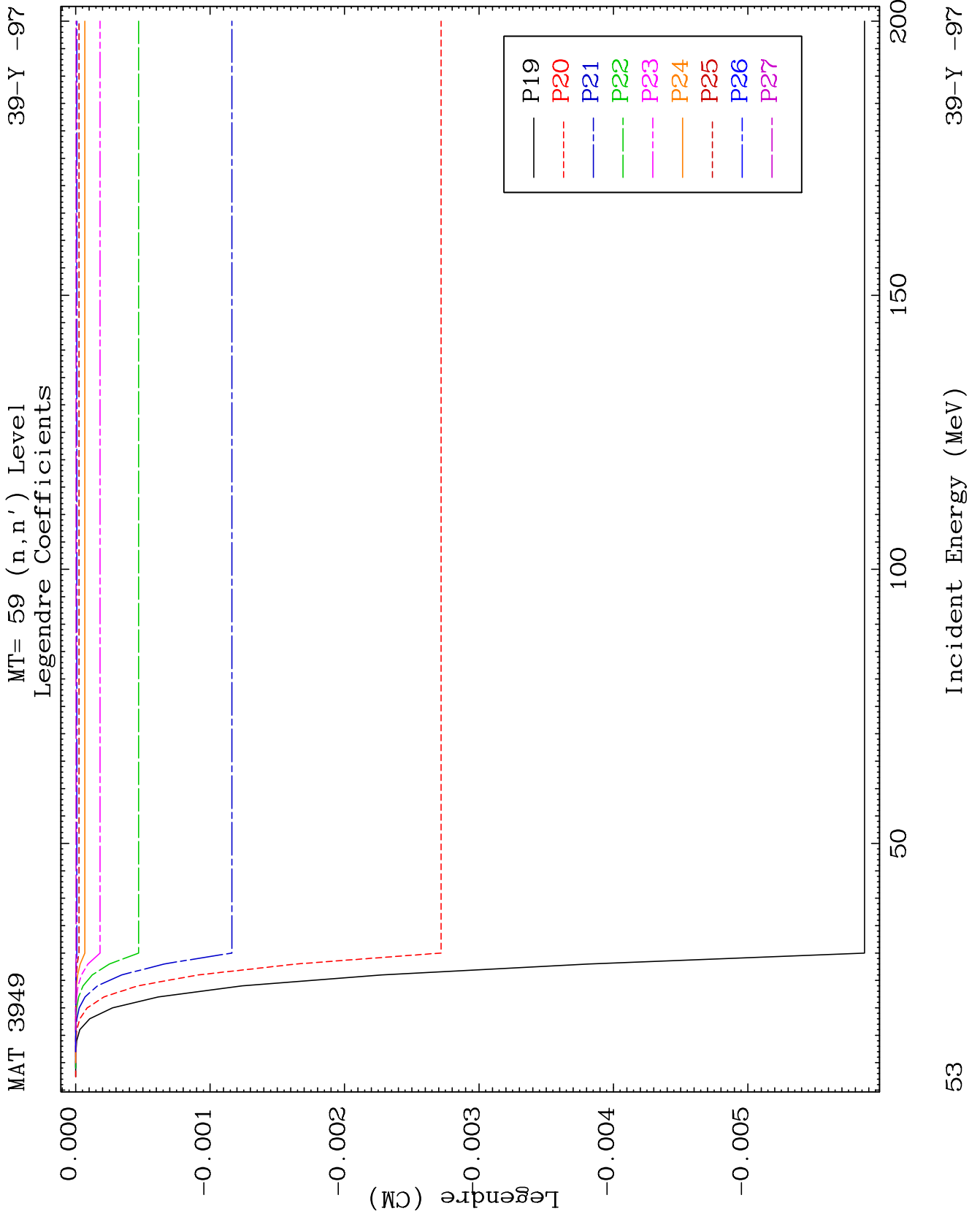
39-Y -97

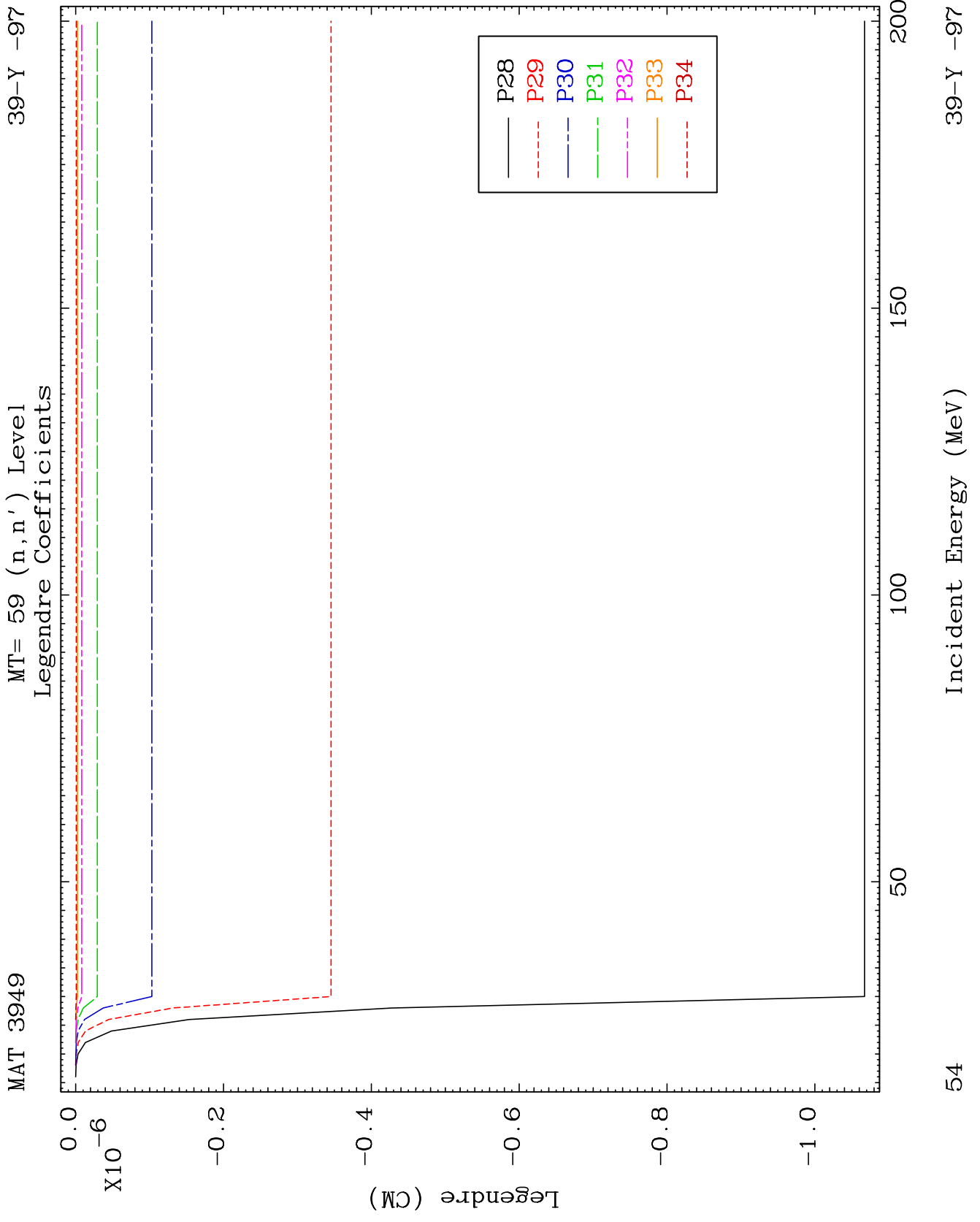


52

Incident Energy (MeV)

39-Y -97

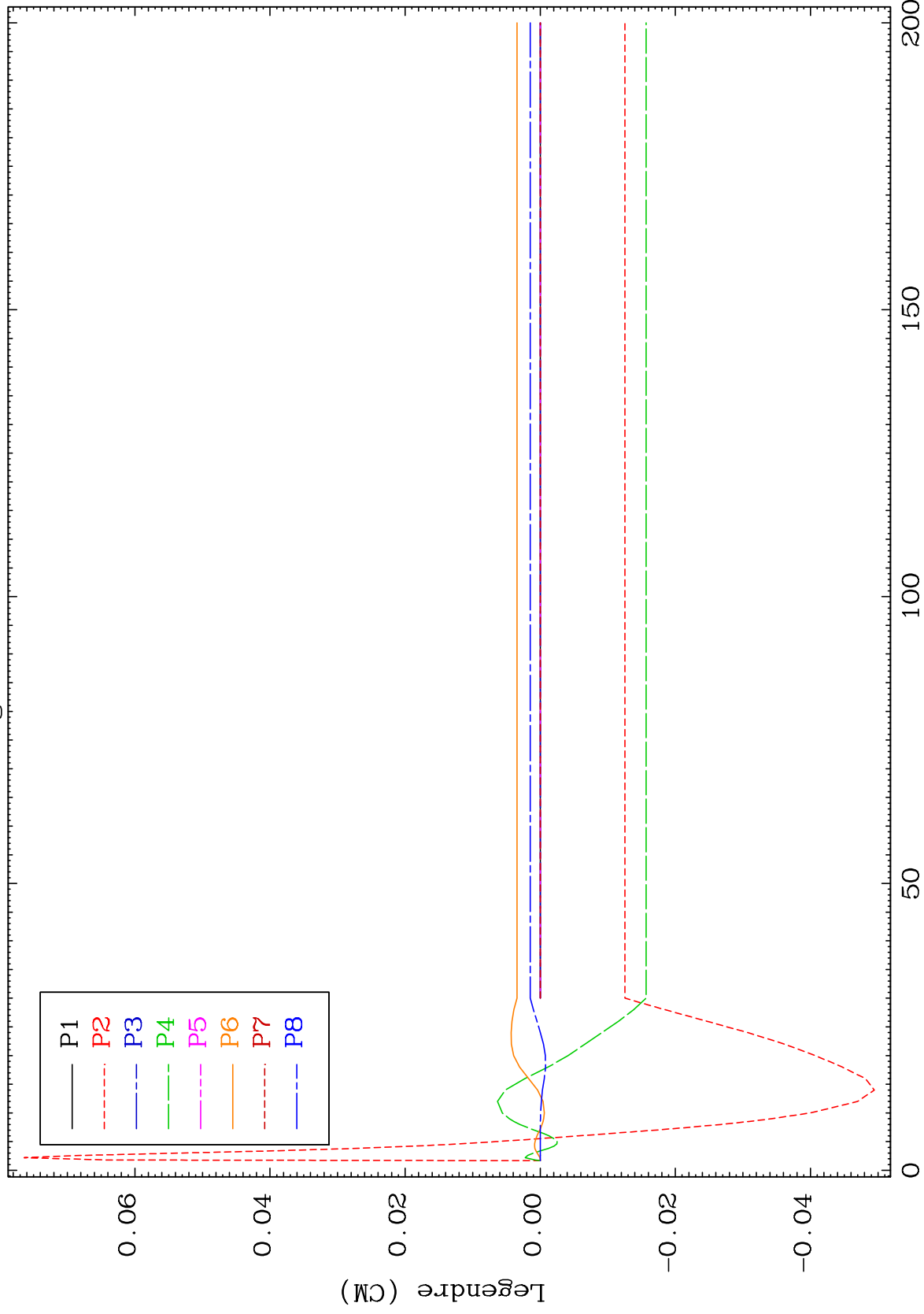




MAT 3949

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

39-Y -97



39-Y -97

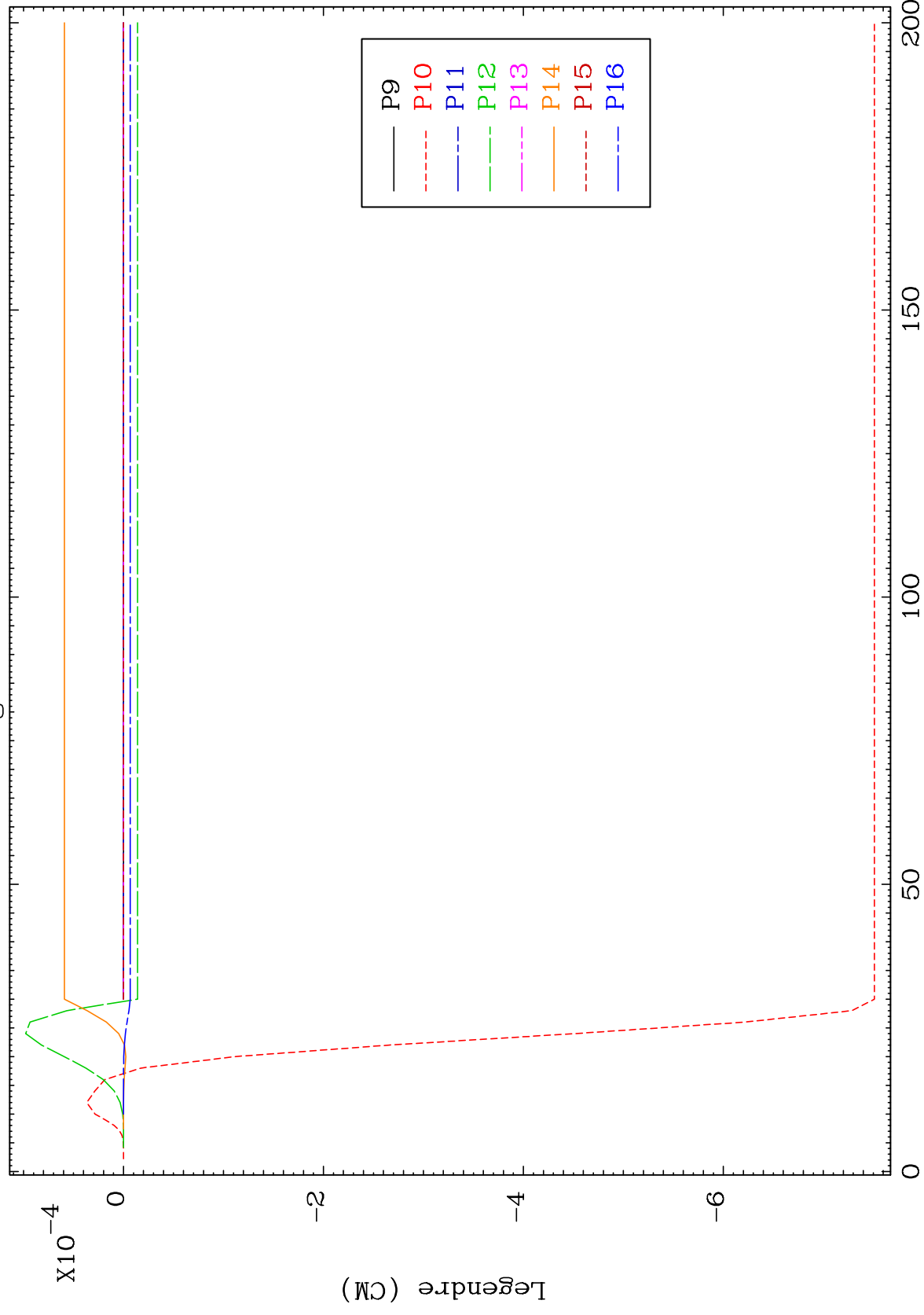
Incident Energy (MeV)

55

MAT 3949

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

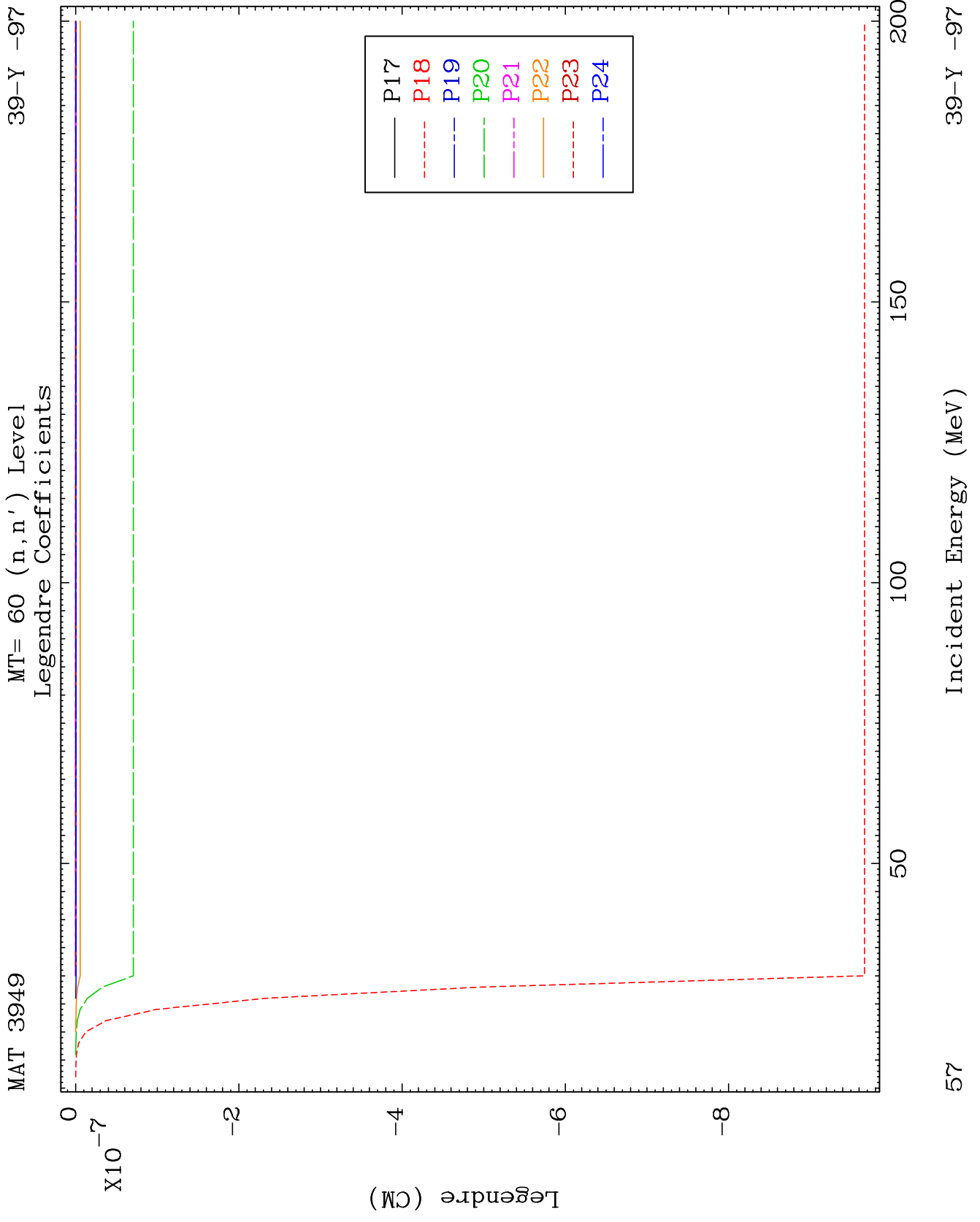
39-Y -97



56

Incident Energy (MeV)

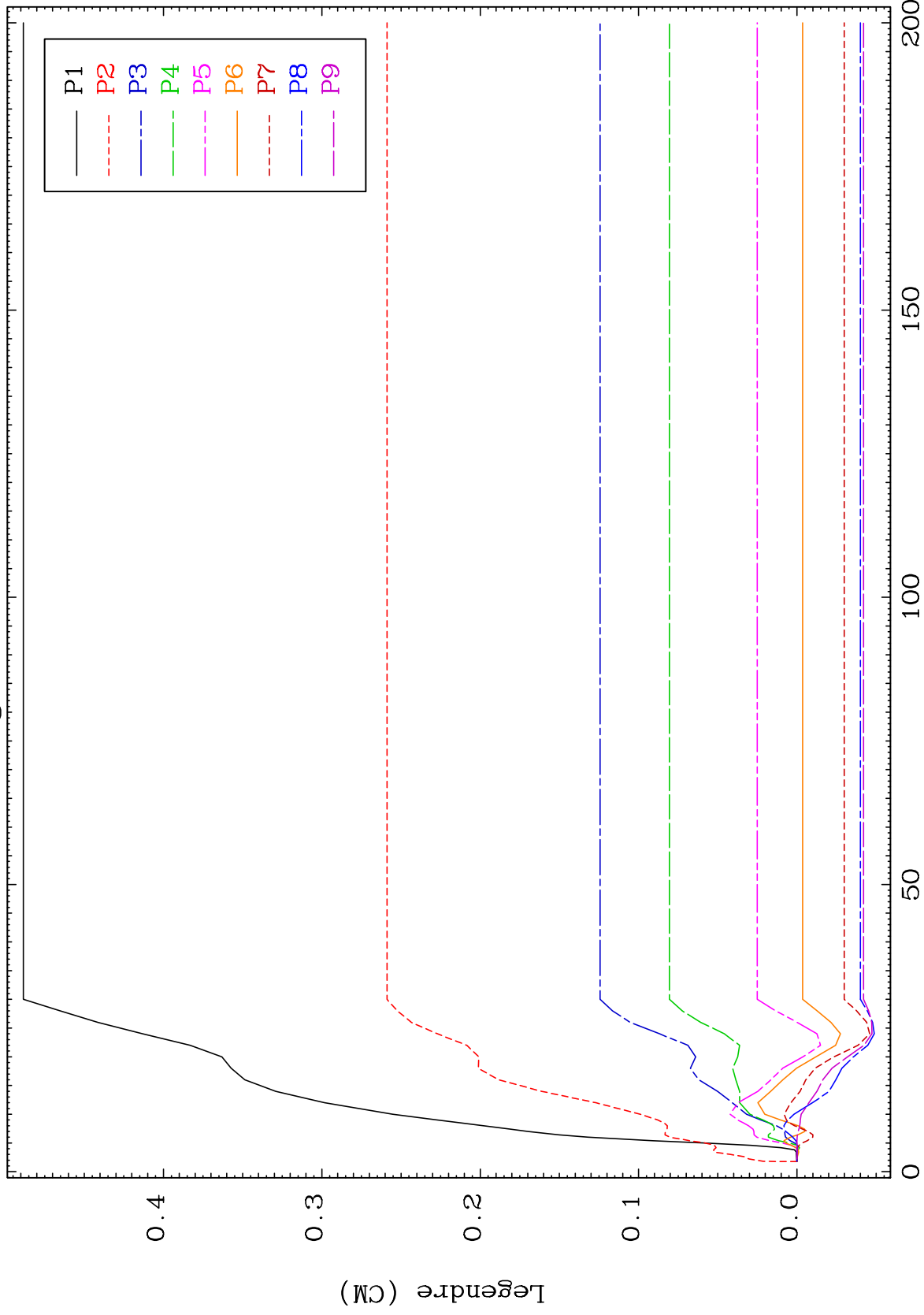
39-Y -97



MAT 3949

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

39-Y -97



58

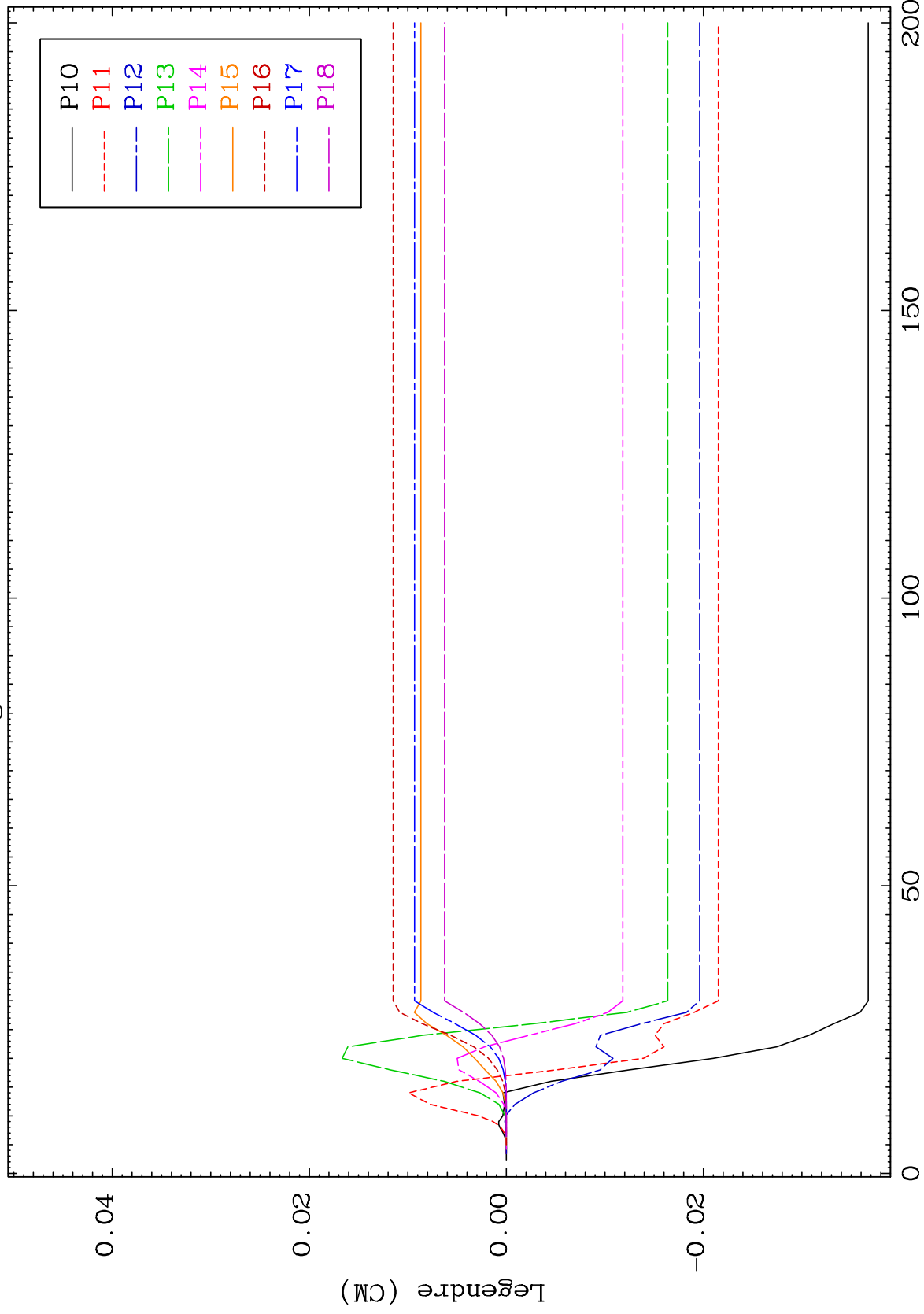
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



59

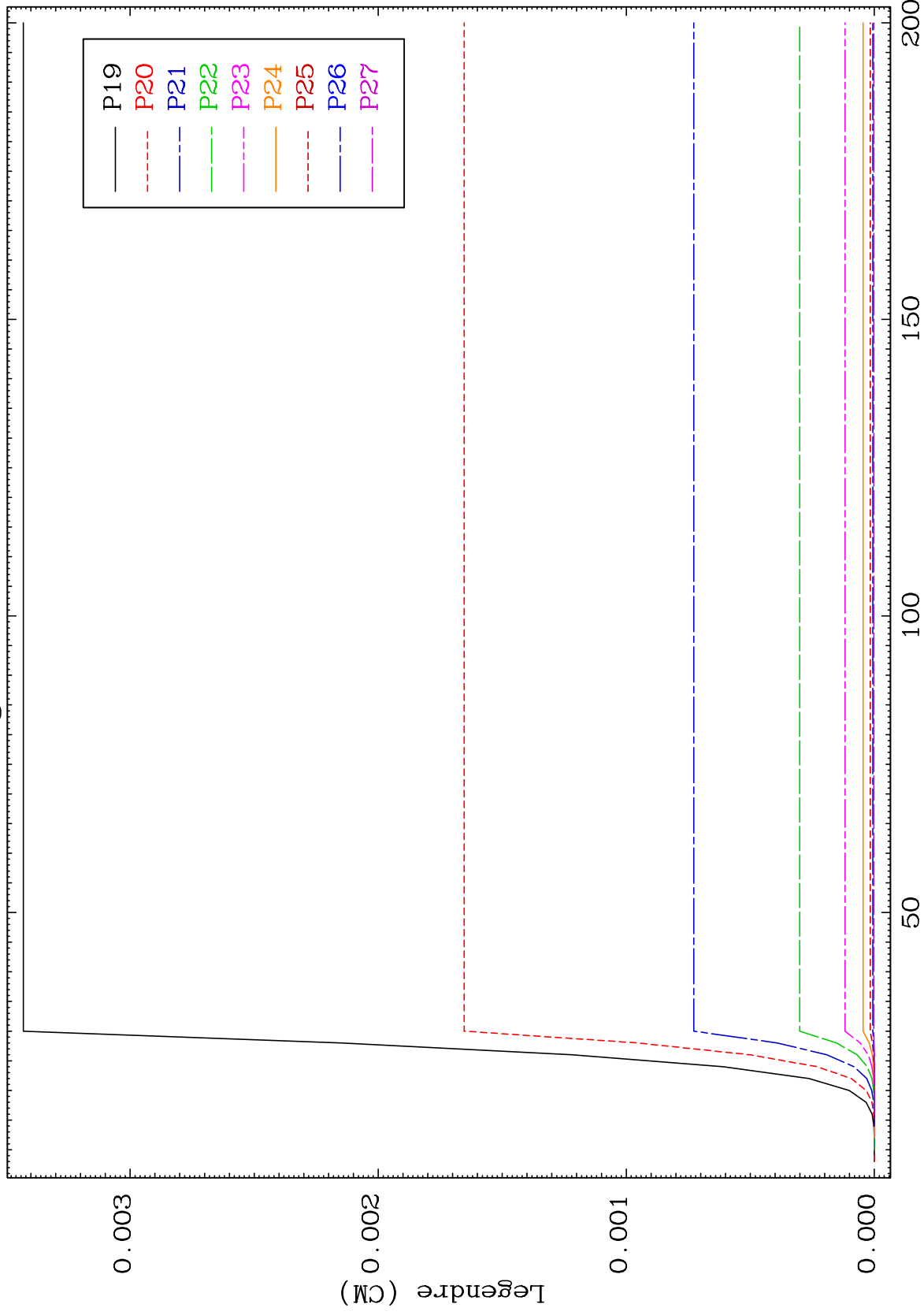
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



60

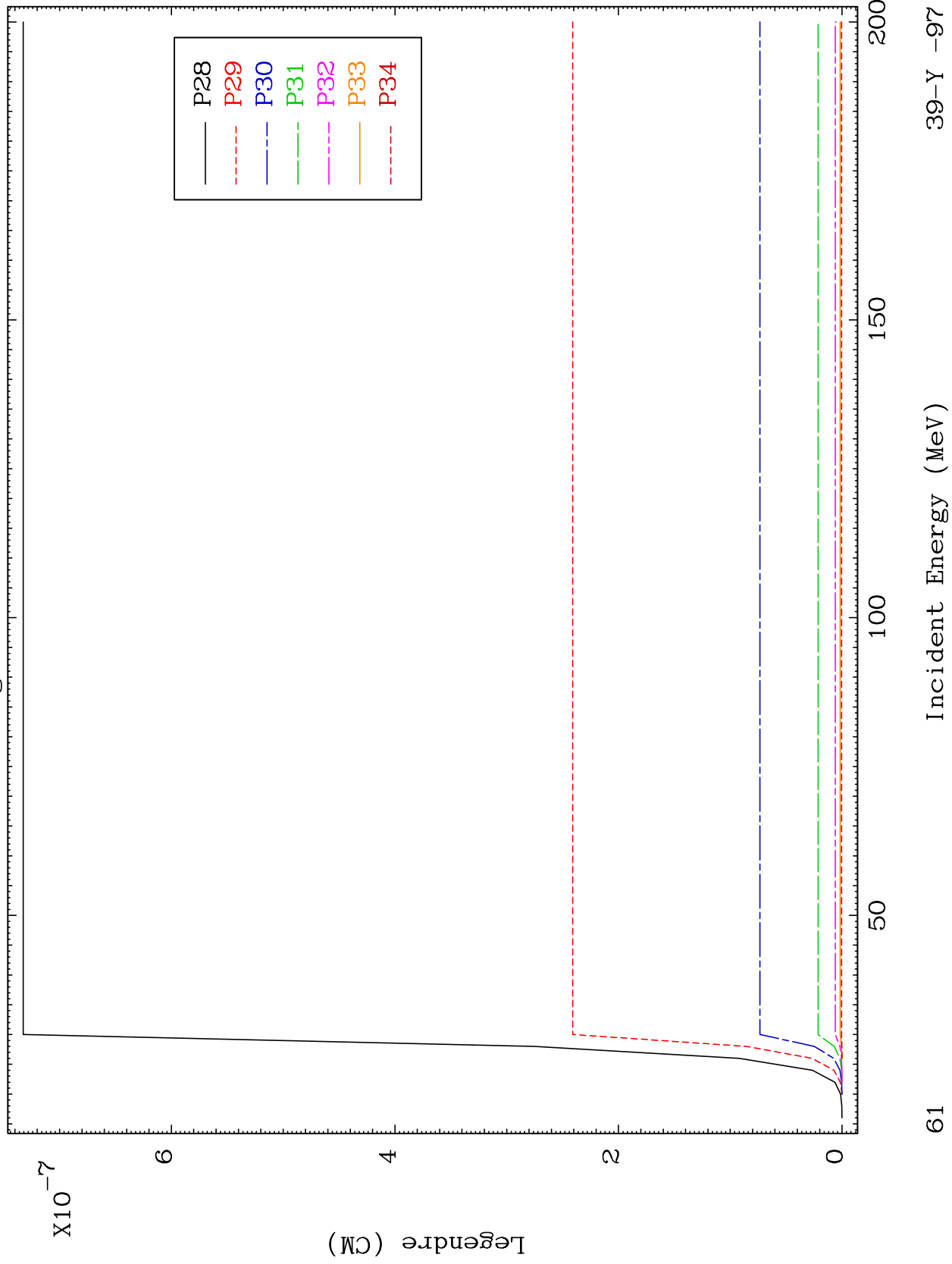
Incident Energy (MeV)

39-Y -97

MAT 3949

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

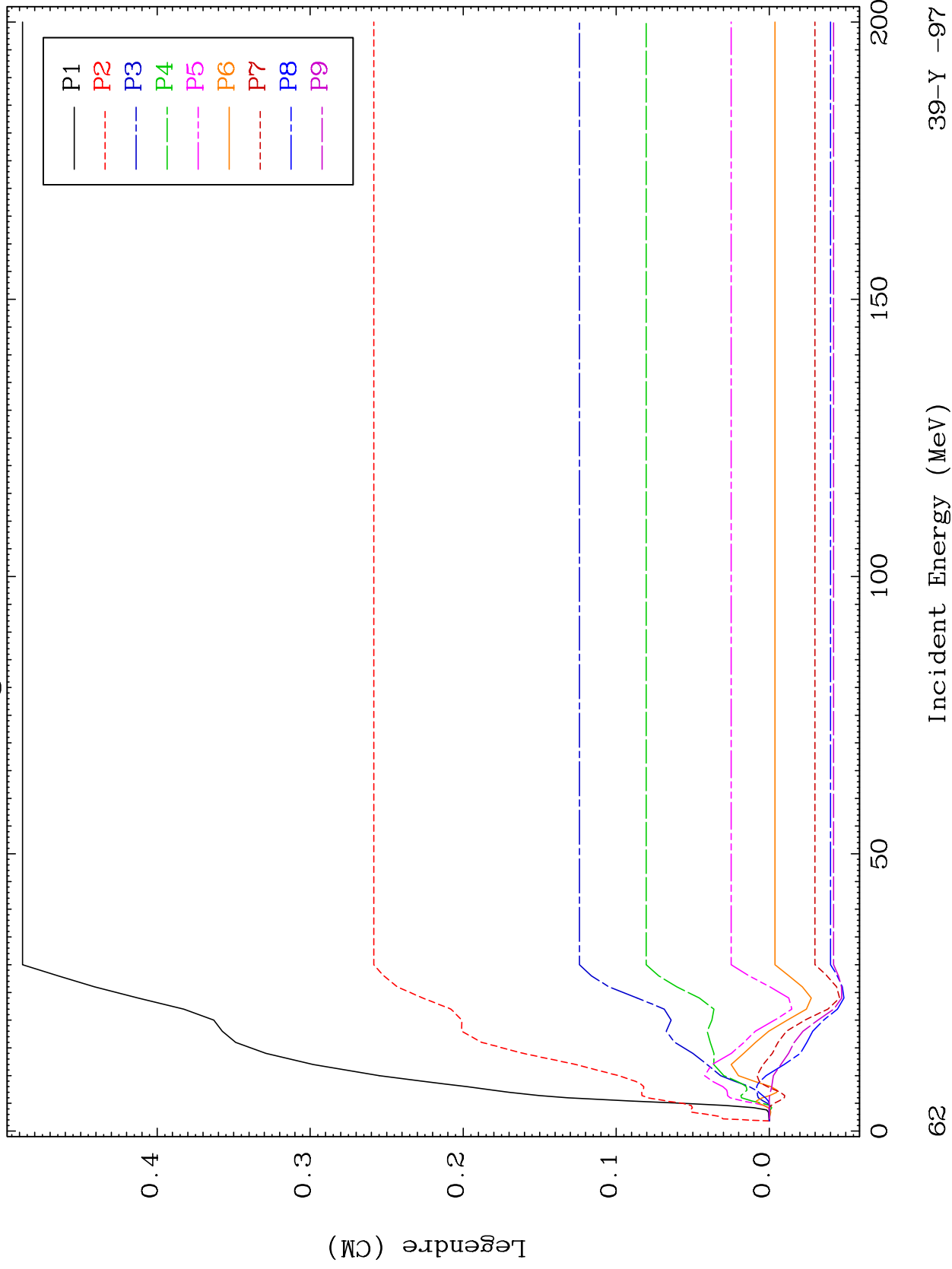
39-Y -97



MAT 3949

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

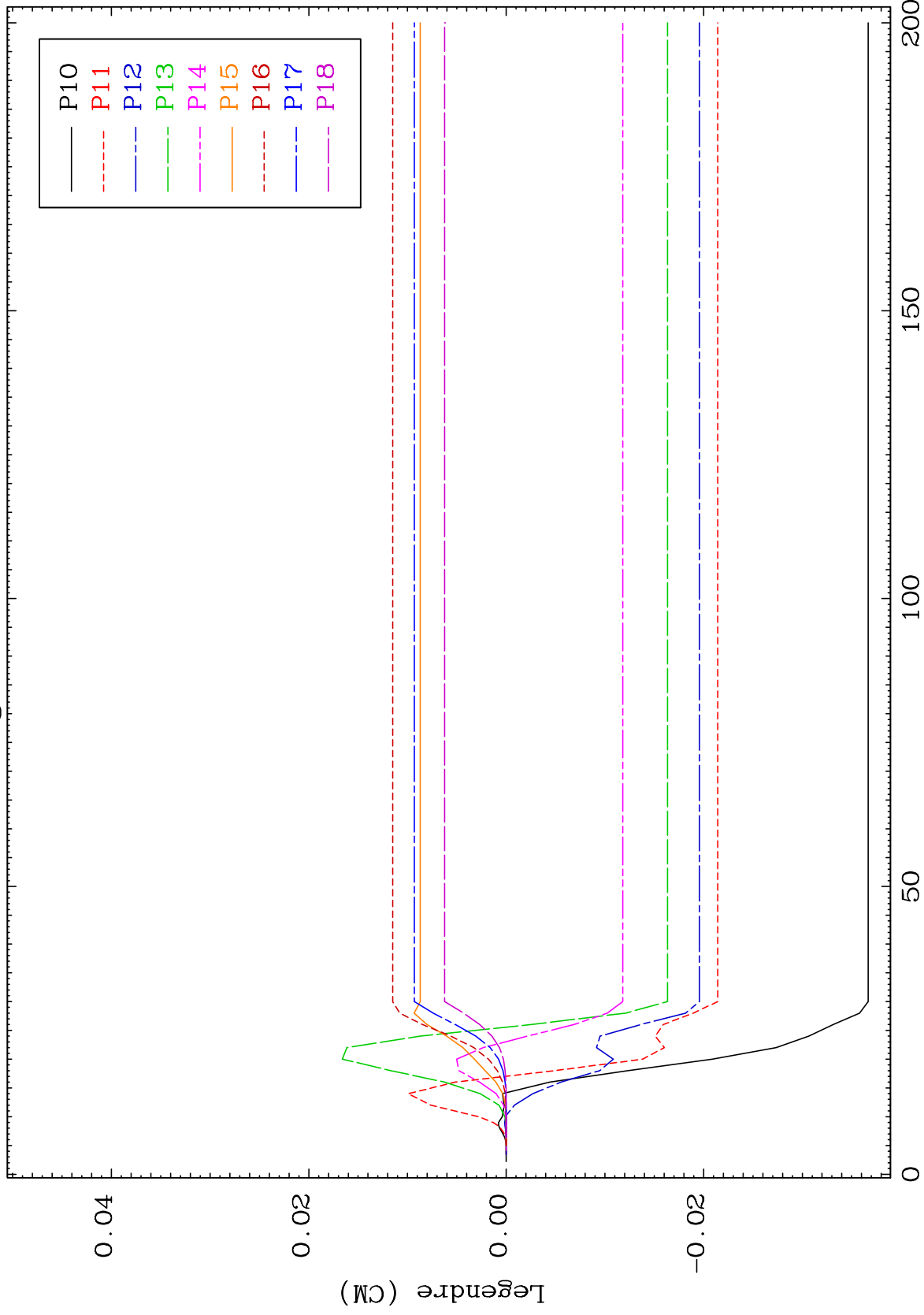
39-Y -97



MAT 3949

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

39-Y -97



63

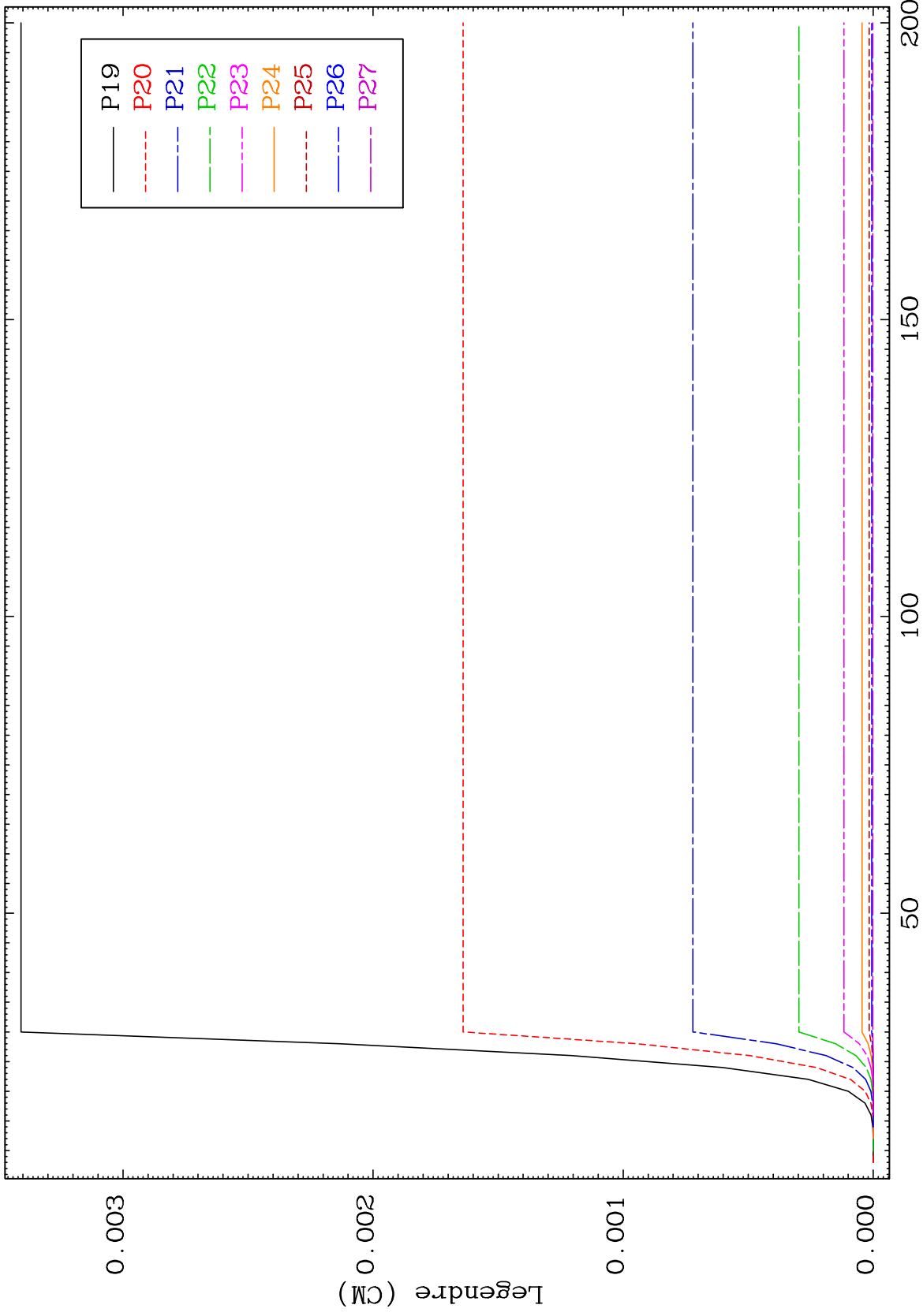
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



64

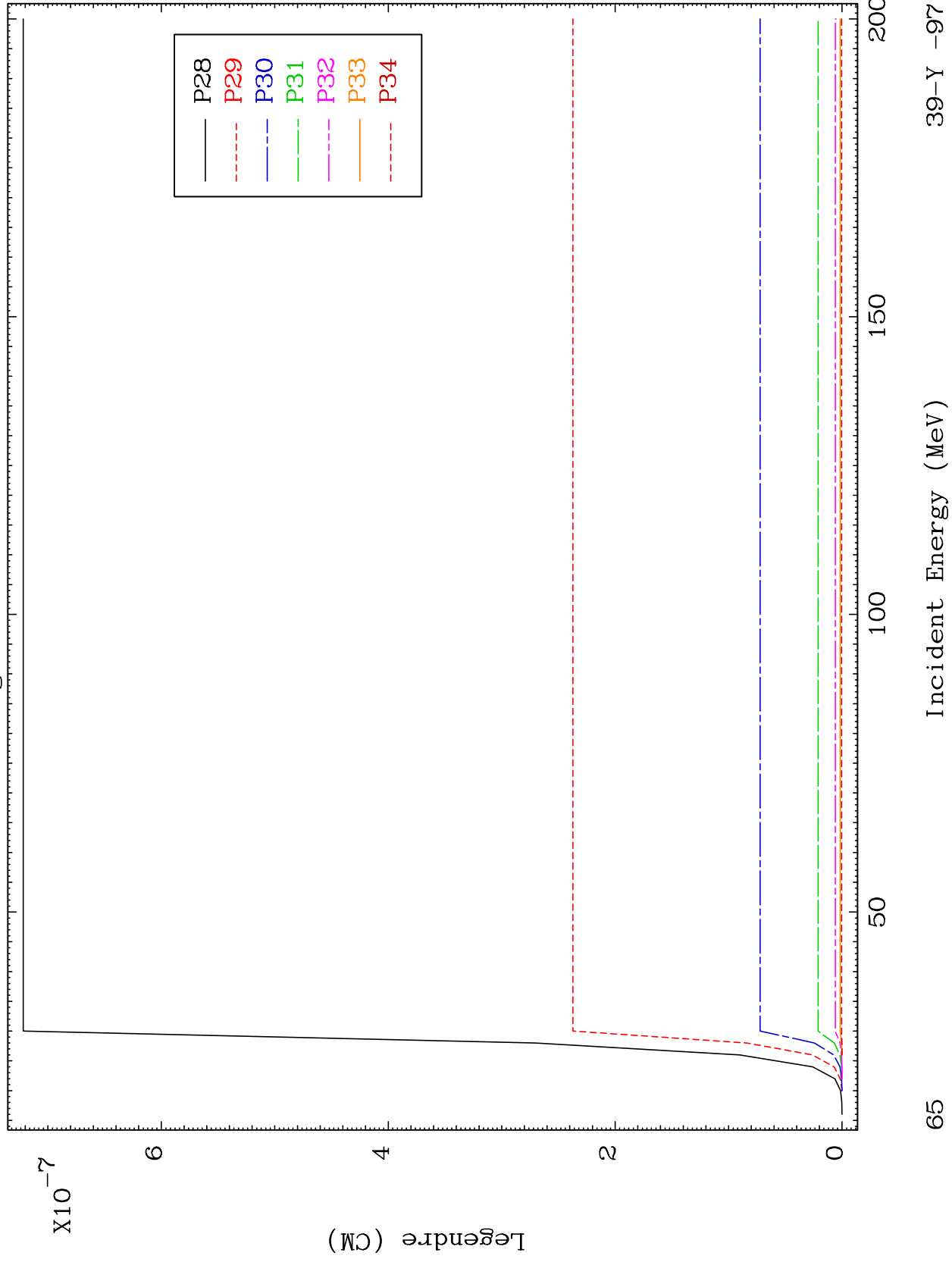
Incident Energy (MeV)

39-Y -97

MAT 3949

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

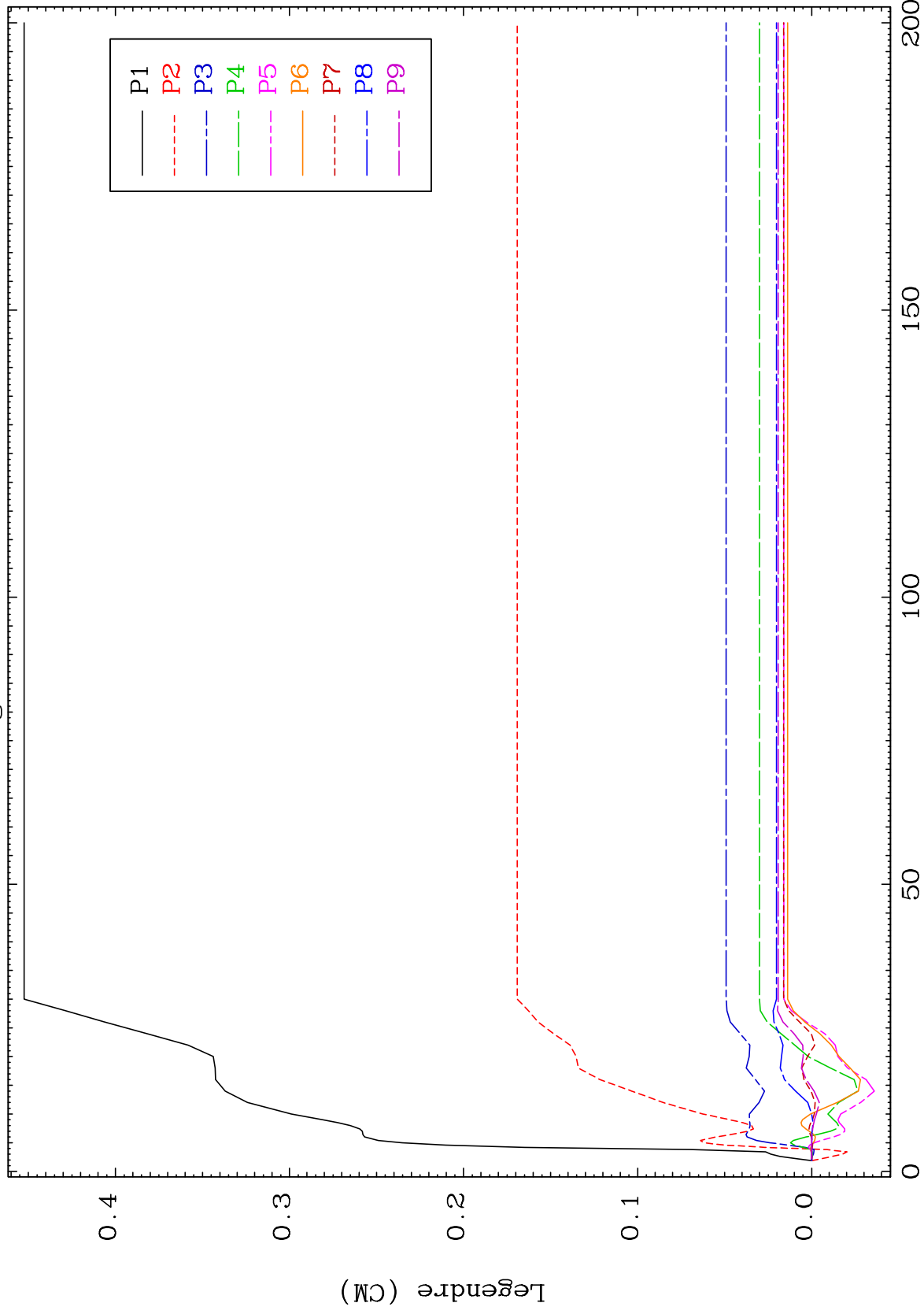
39-Y -97



MAT 3949

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

39-Y -97



39-Y -97

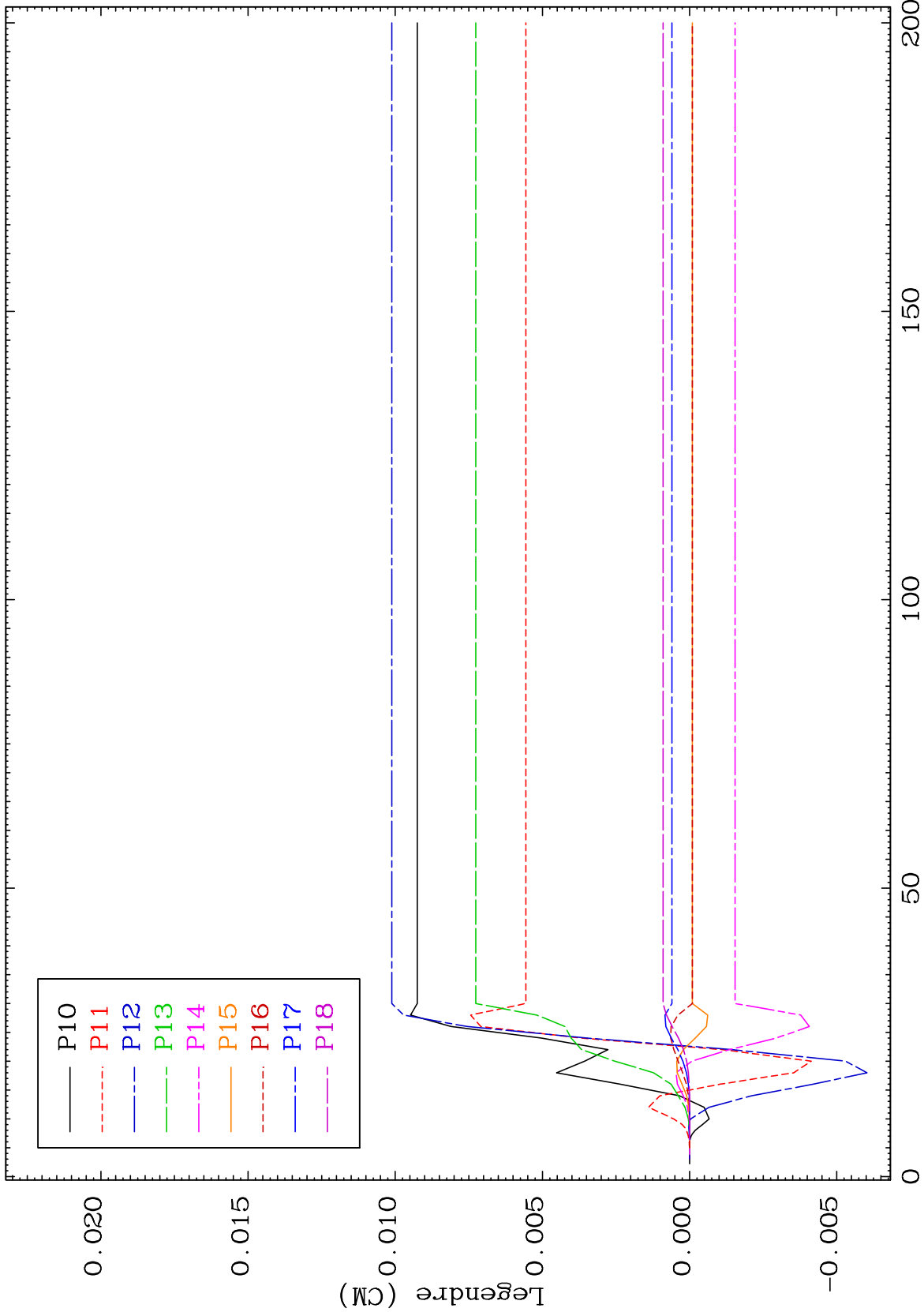
Incident Energy (MeV)

66

MAT 3949

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

39-Y -97



67

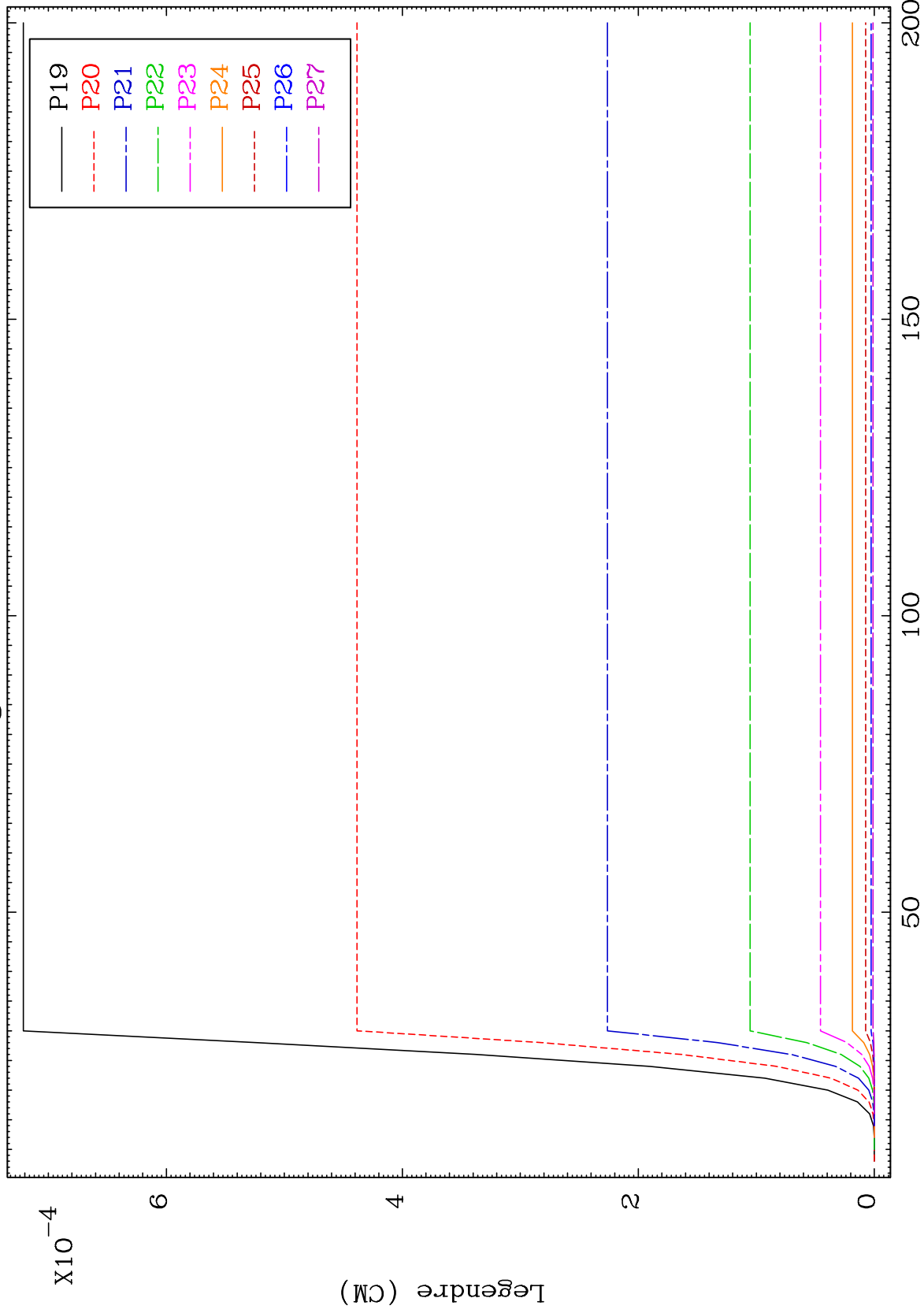
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



68

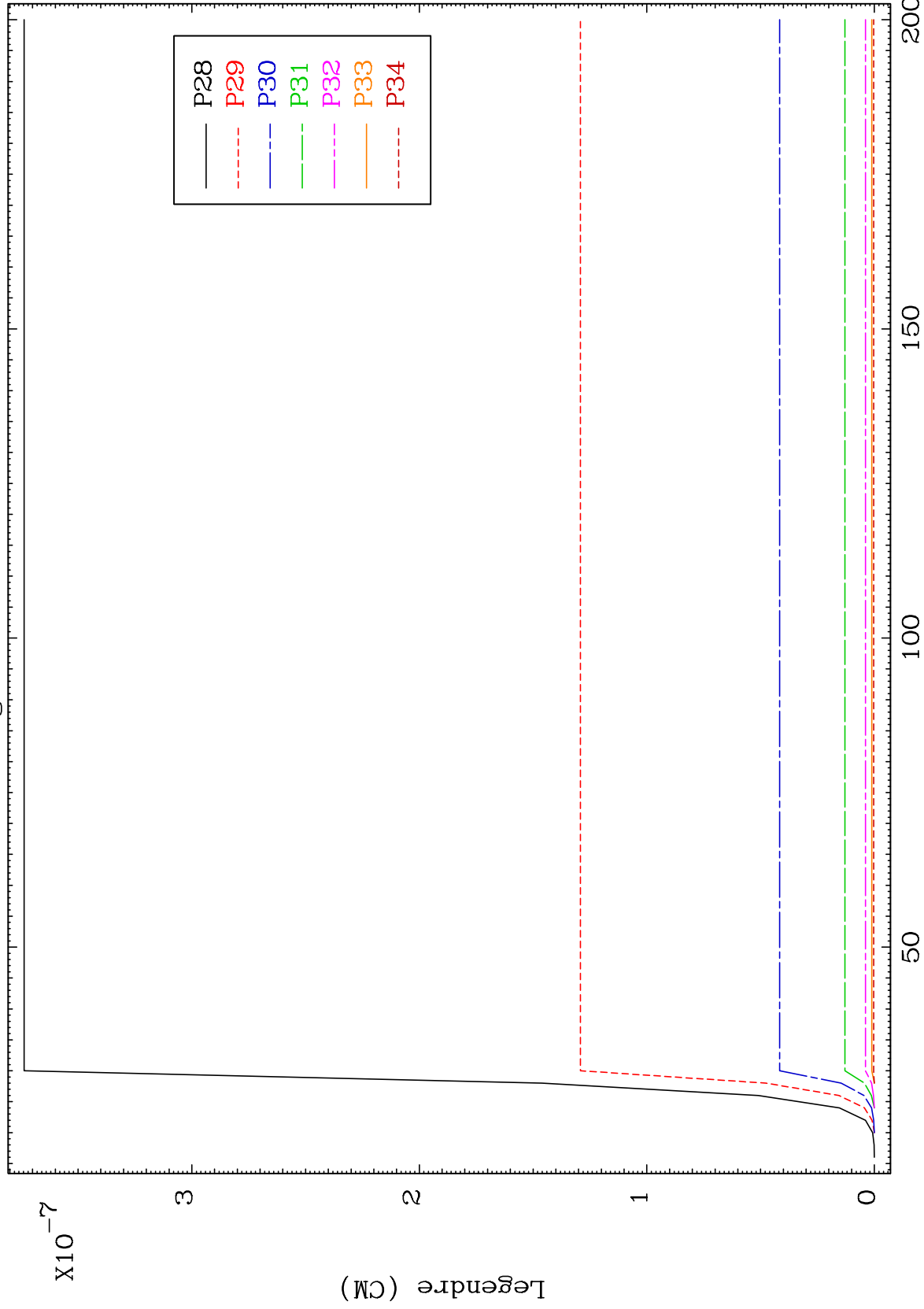
Incident Energy (MeV)

39-Y -97

MAT 3949

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

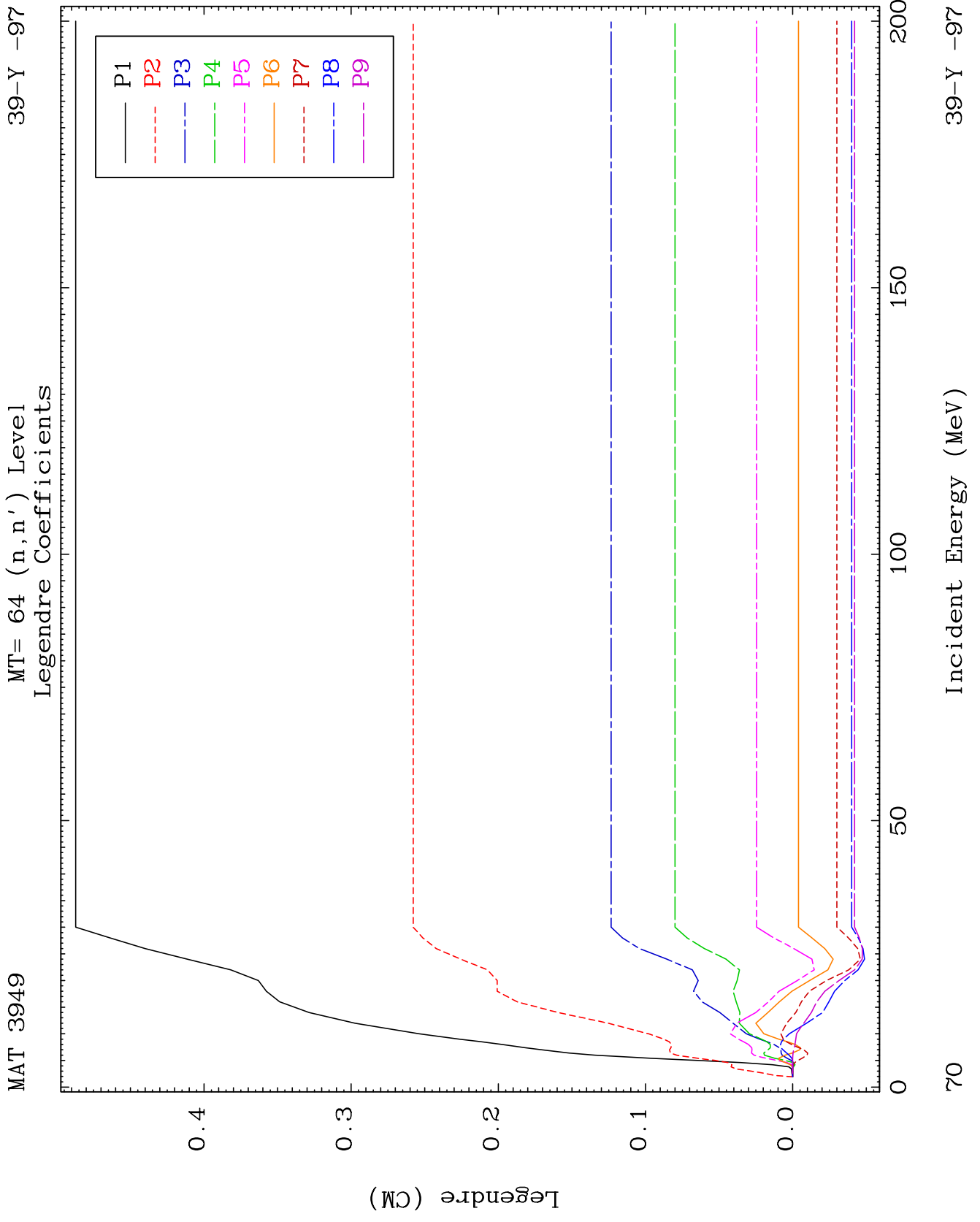
39-Y -97



69

Incident Energy (MeV)

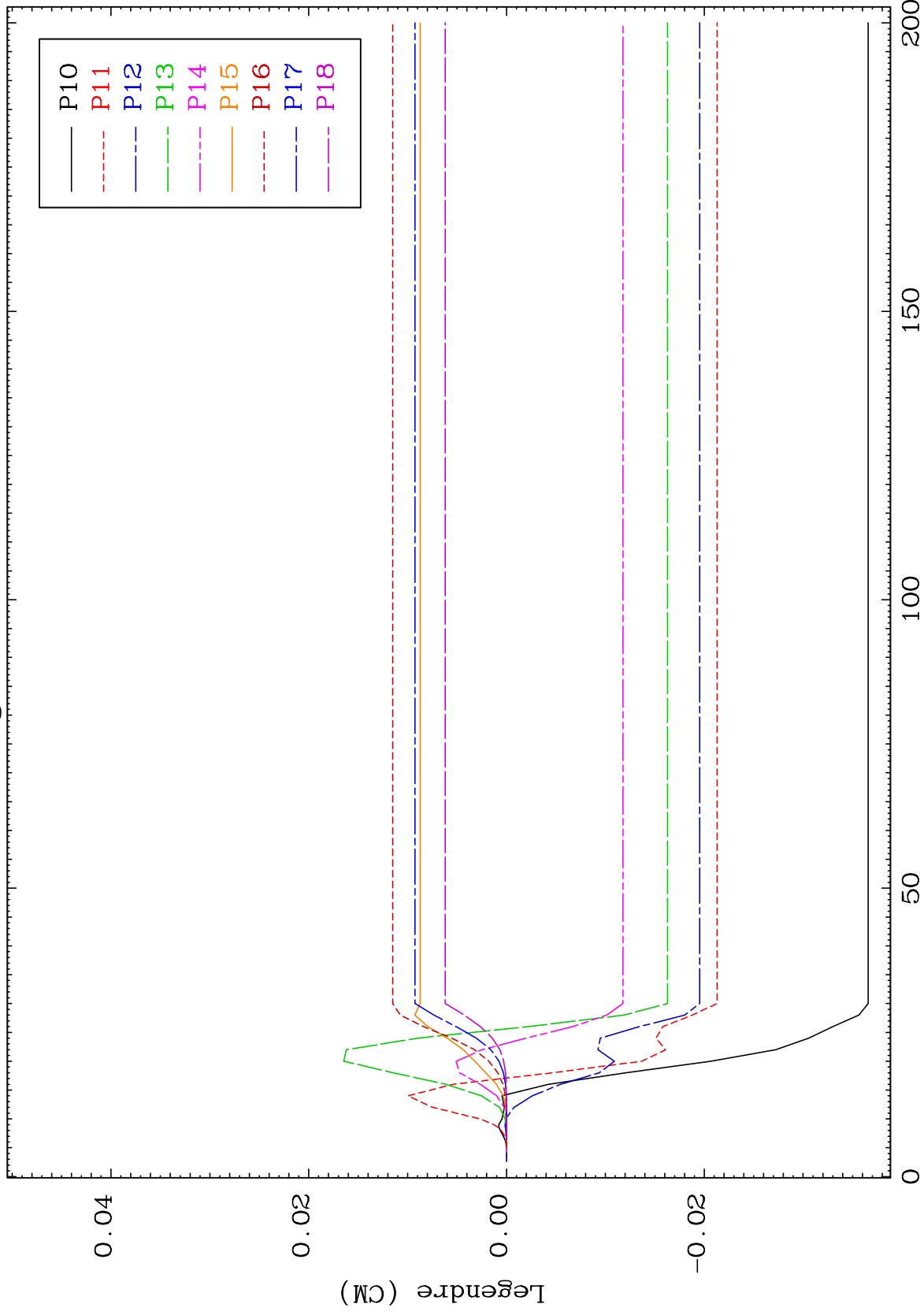
39-Y -97



MAT 3949

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

39-Y -97



71

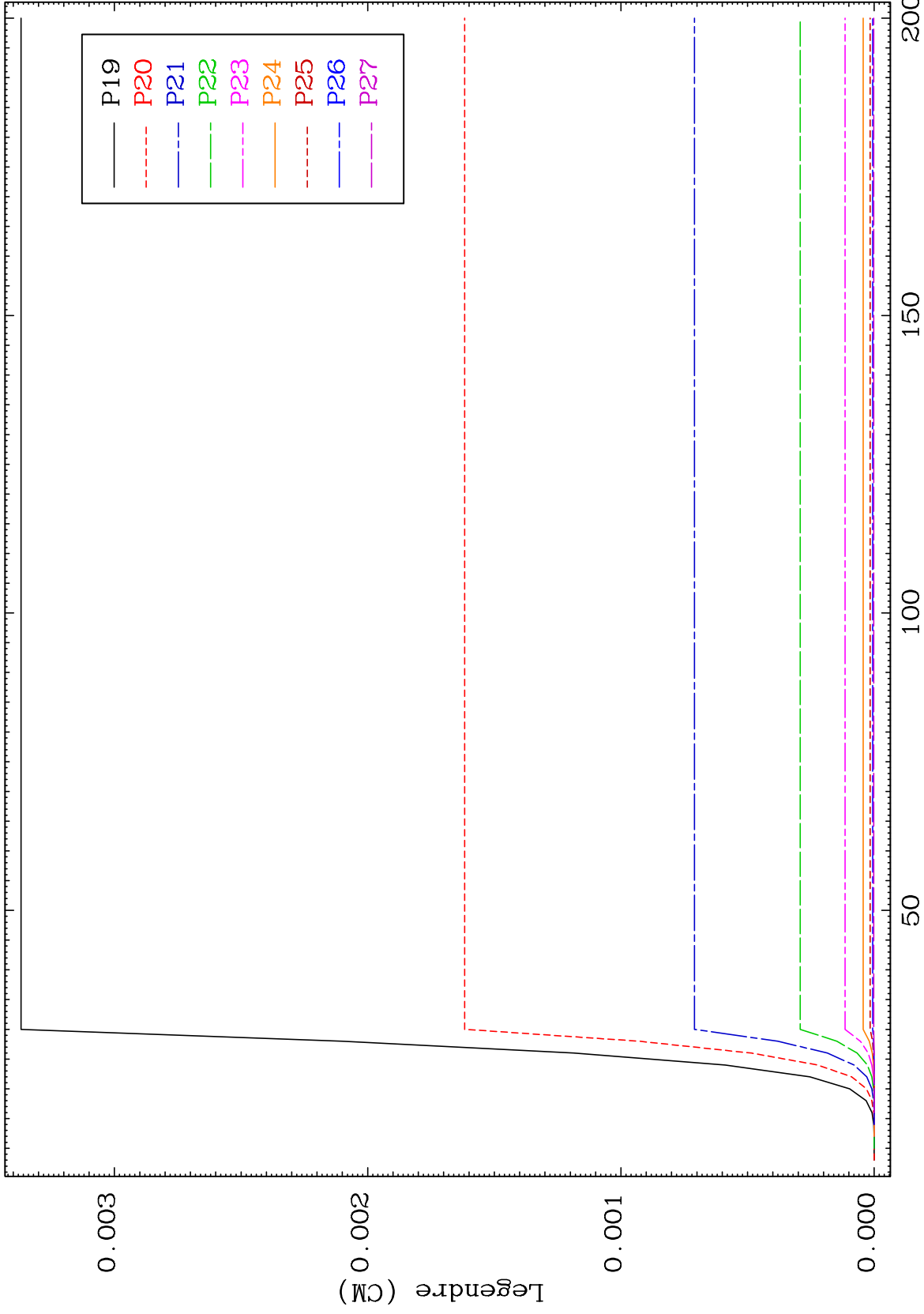
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



72

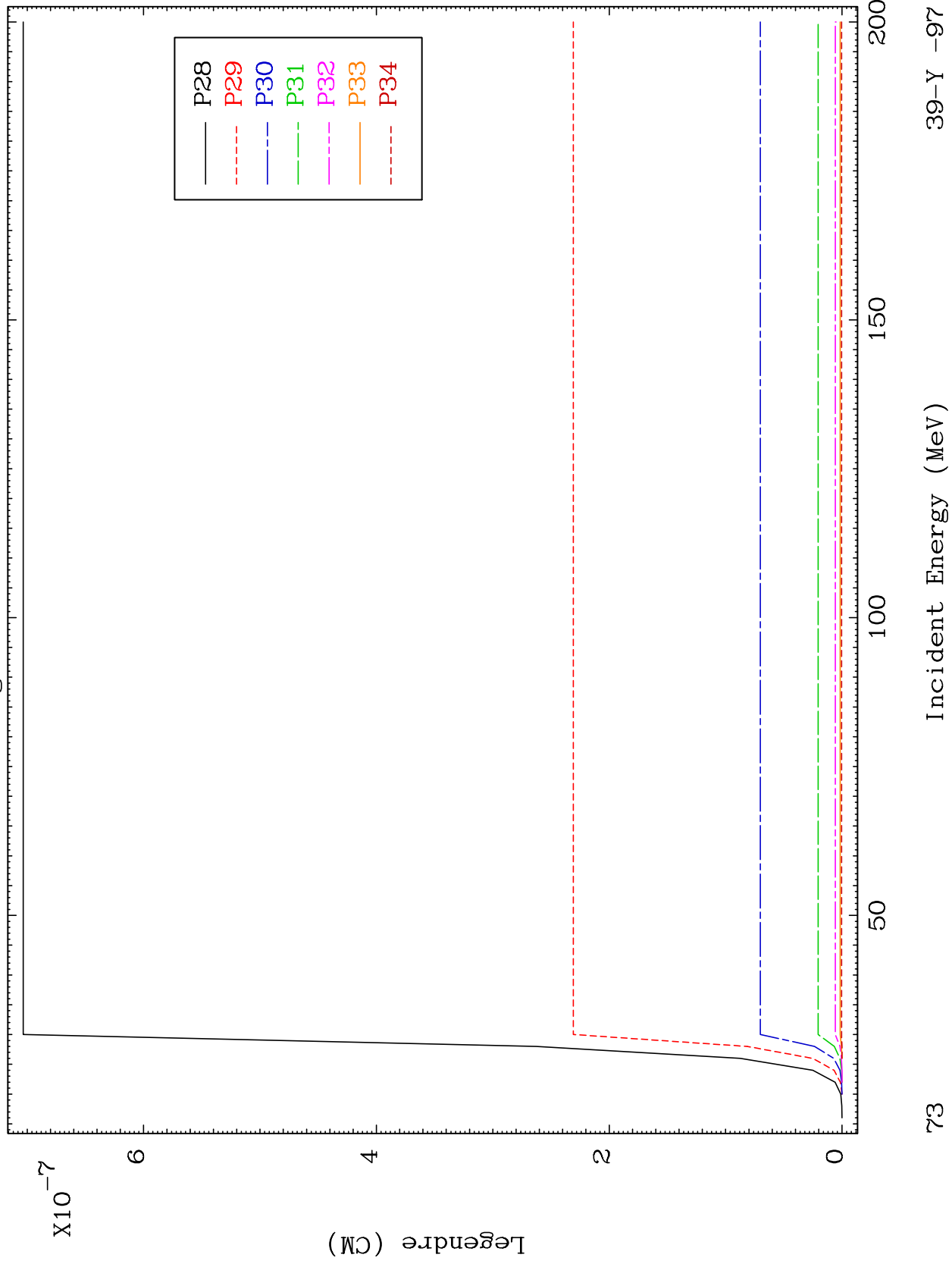
Incident Energy (MeV)

39-Y -97

MAT 3949

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

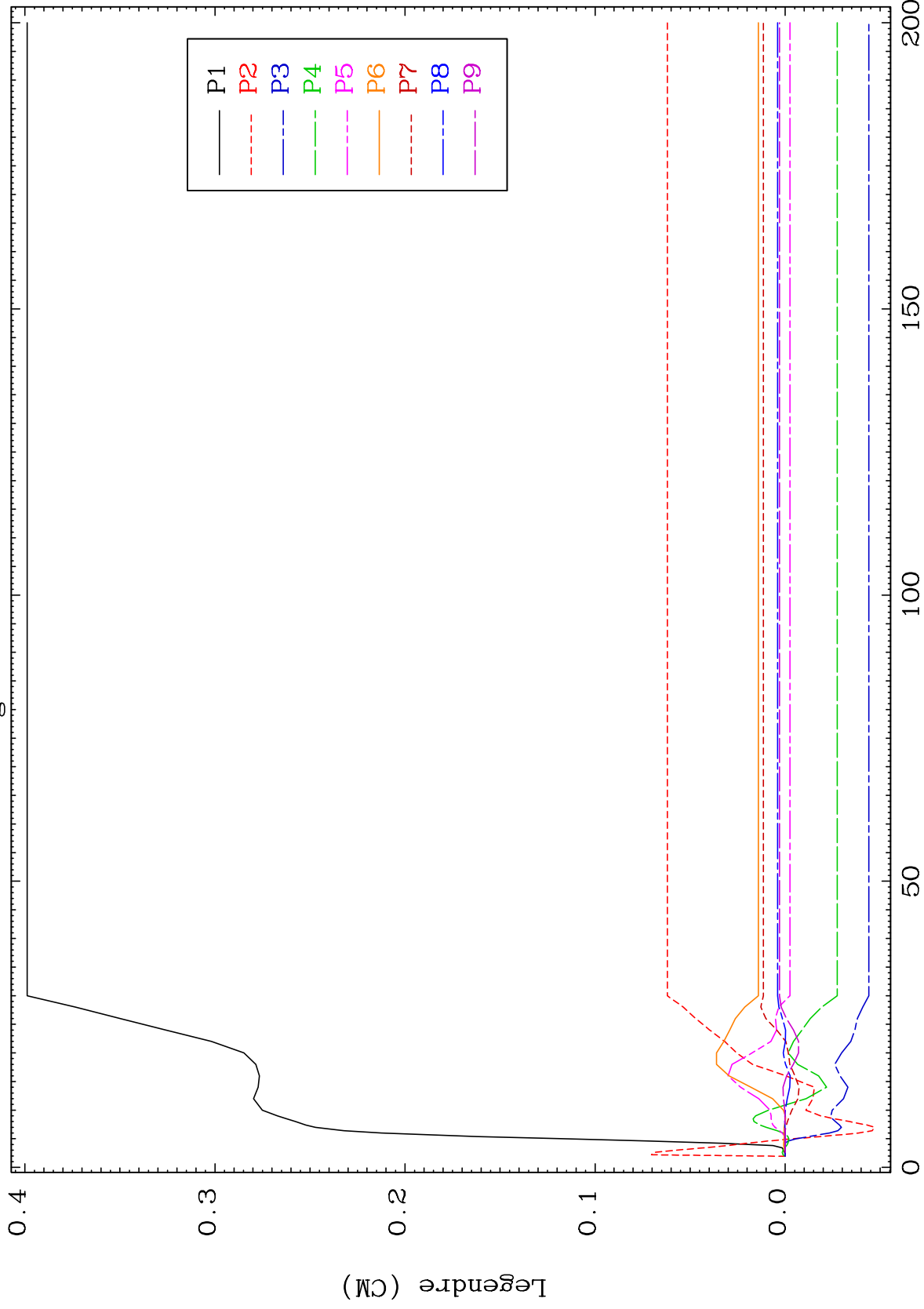
39-Y -97



MAT 3949

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

39-Y -97



74

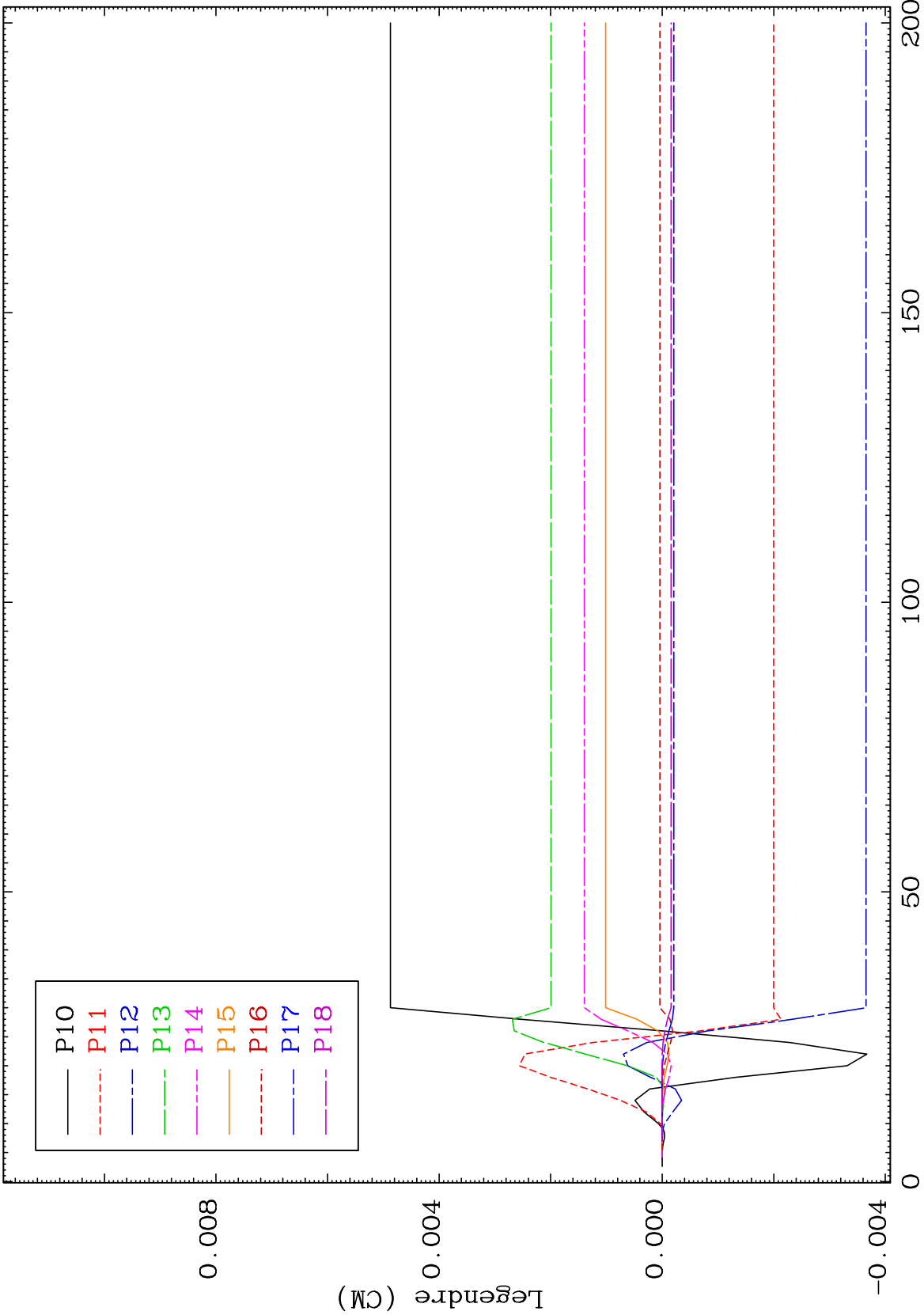
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



75

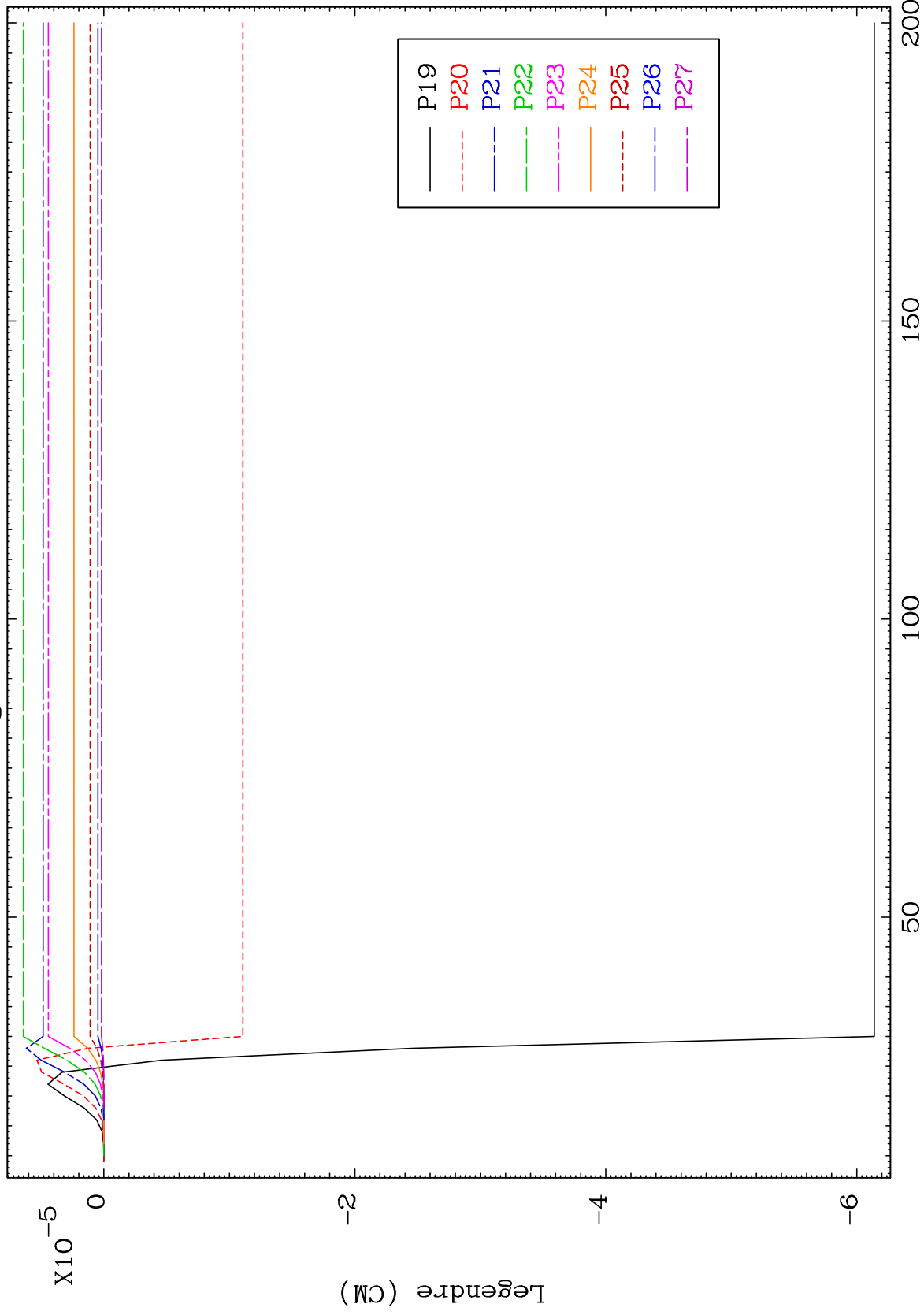
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



76

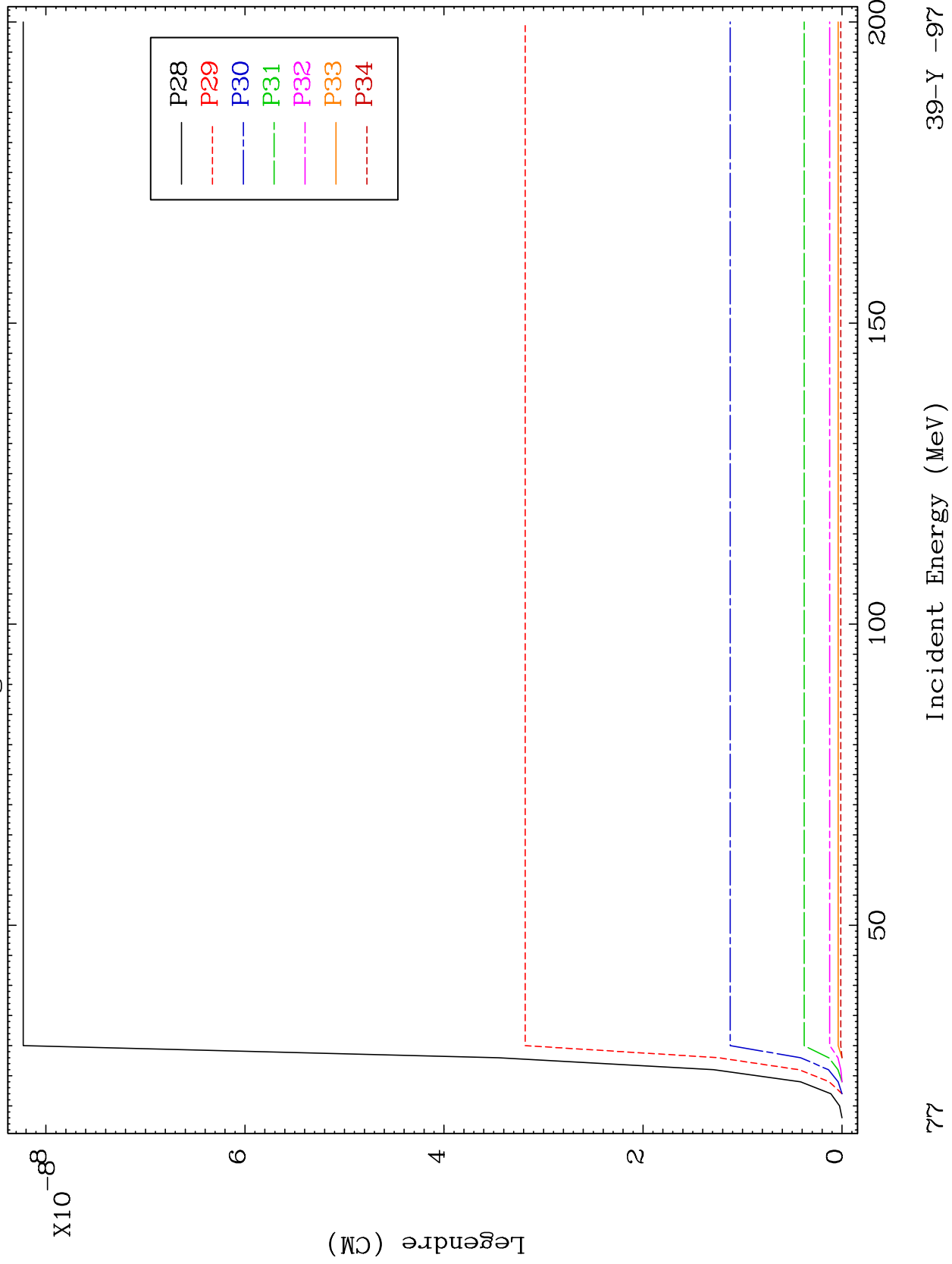
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97

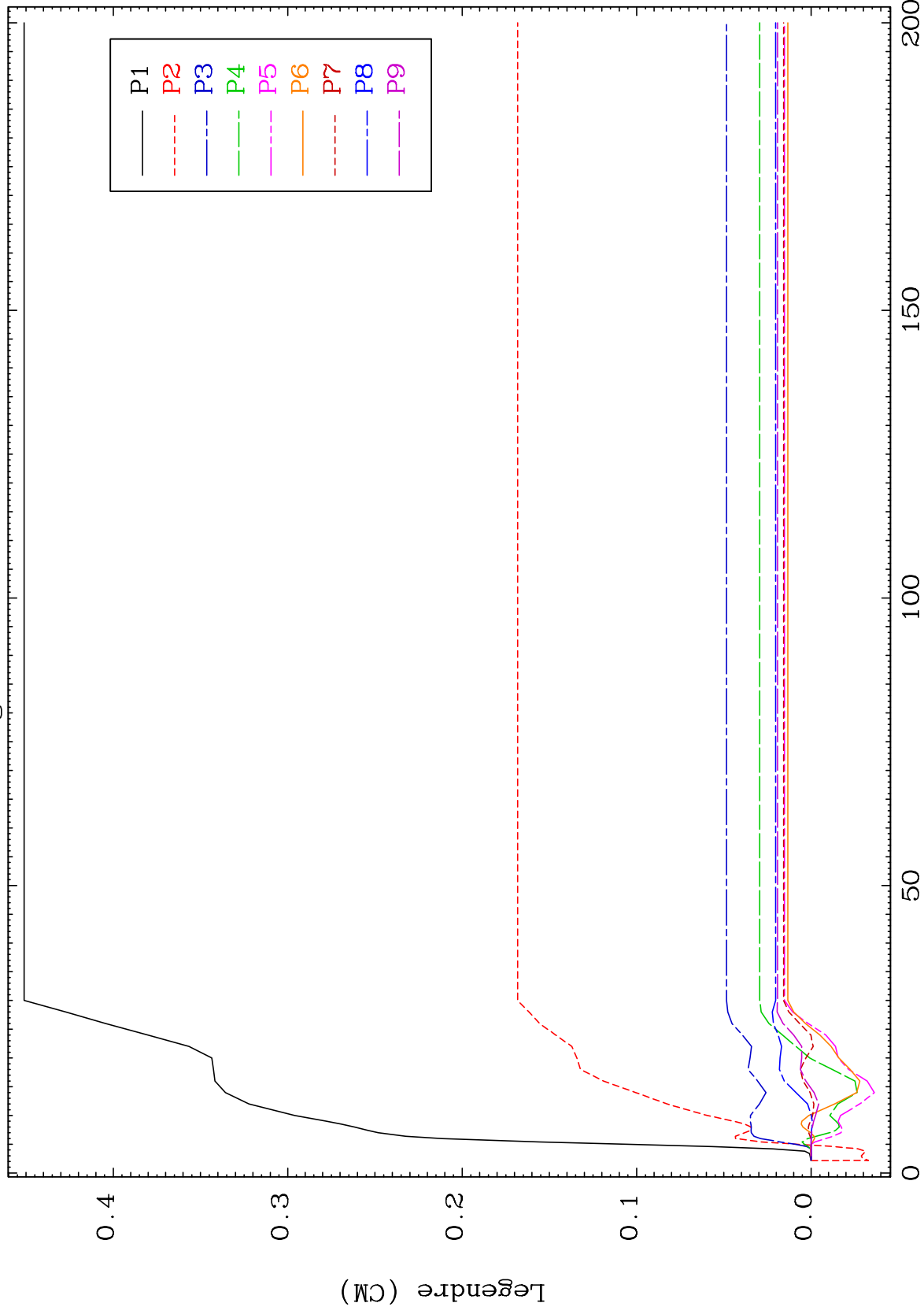


77

MAT 3949

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

39-Y -97



78

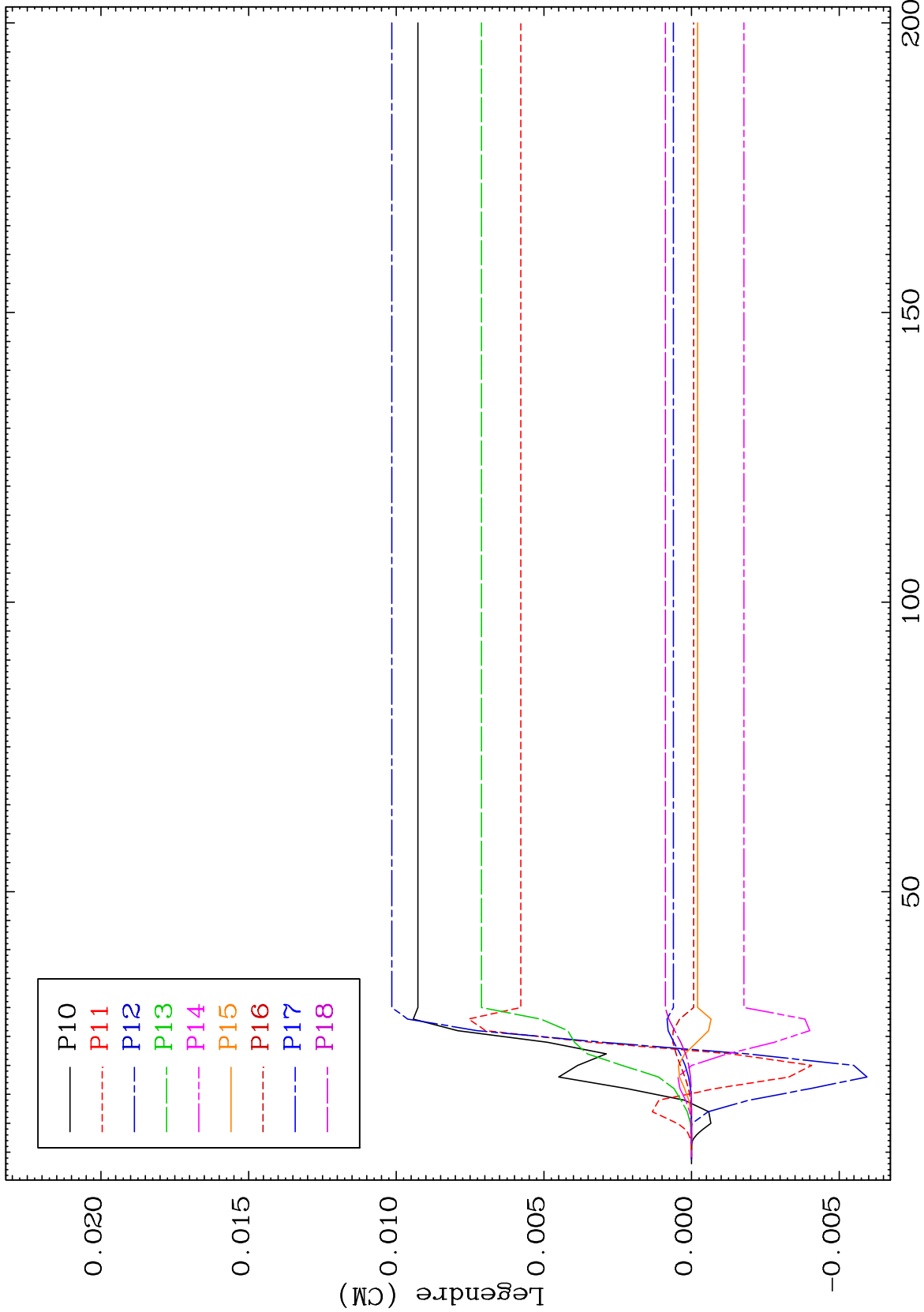
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



79

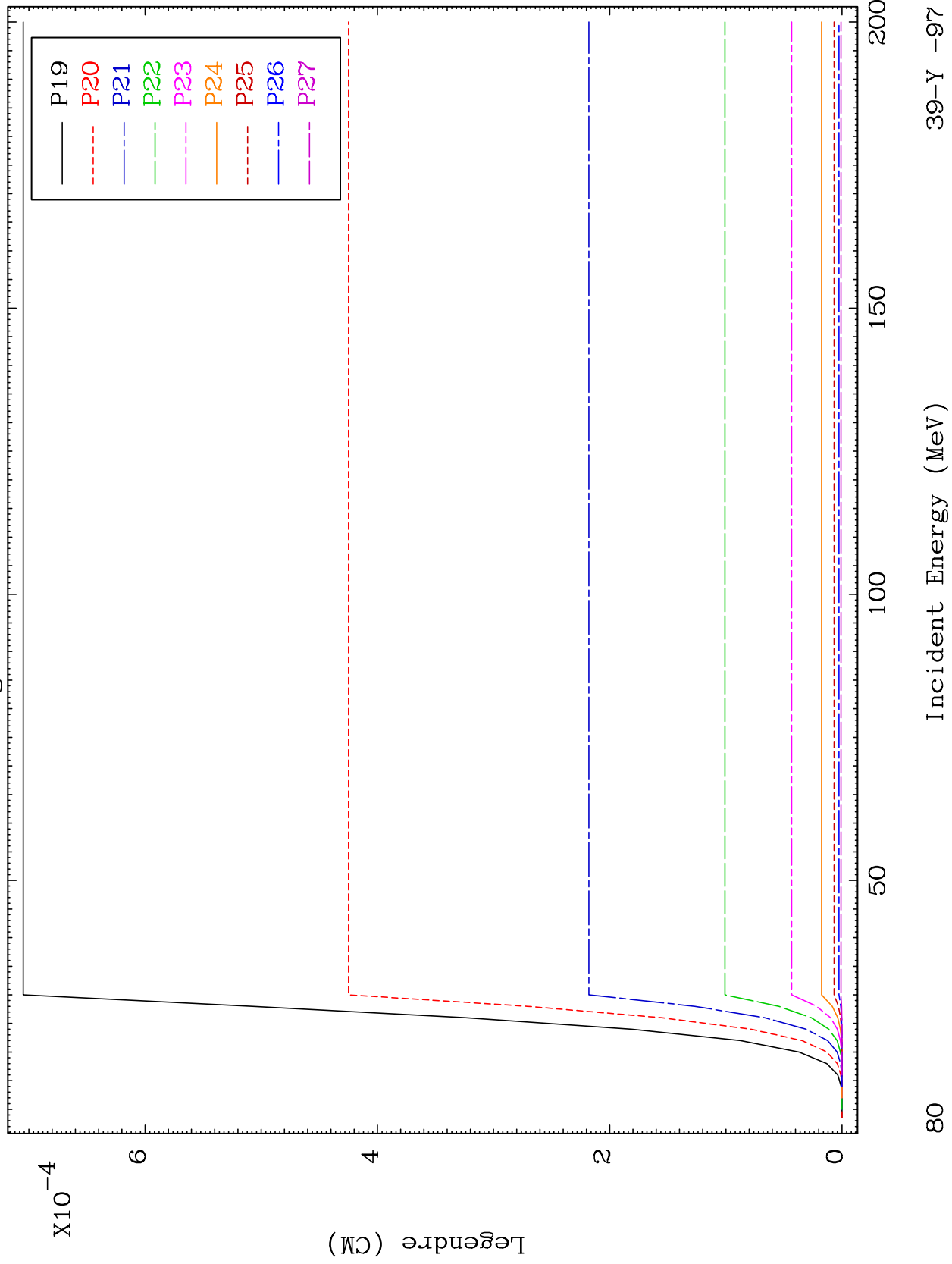
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



80

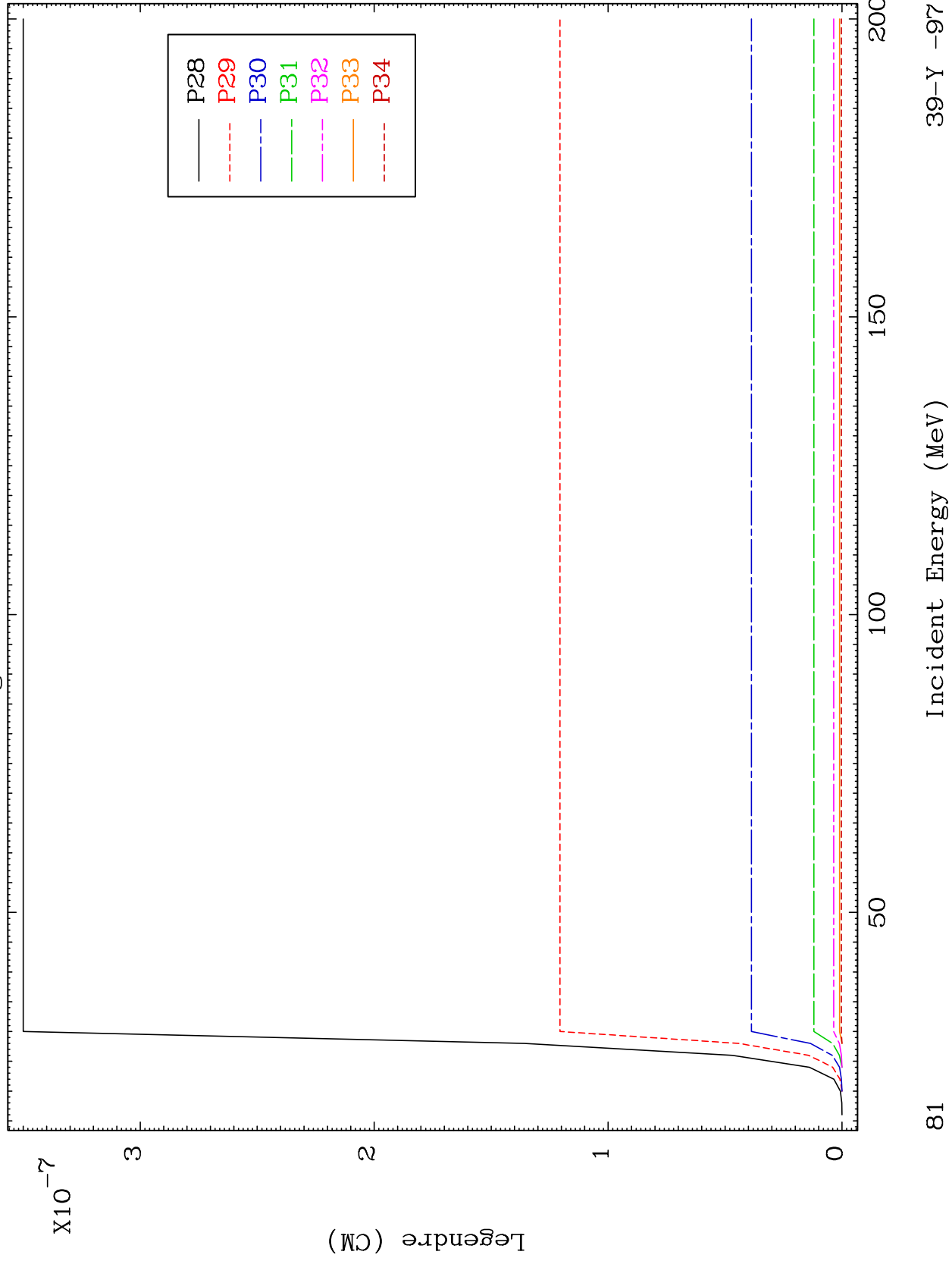
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



81

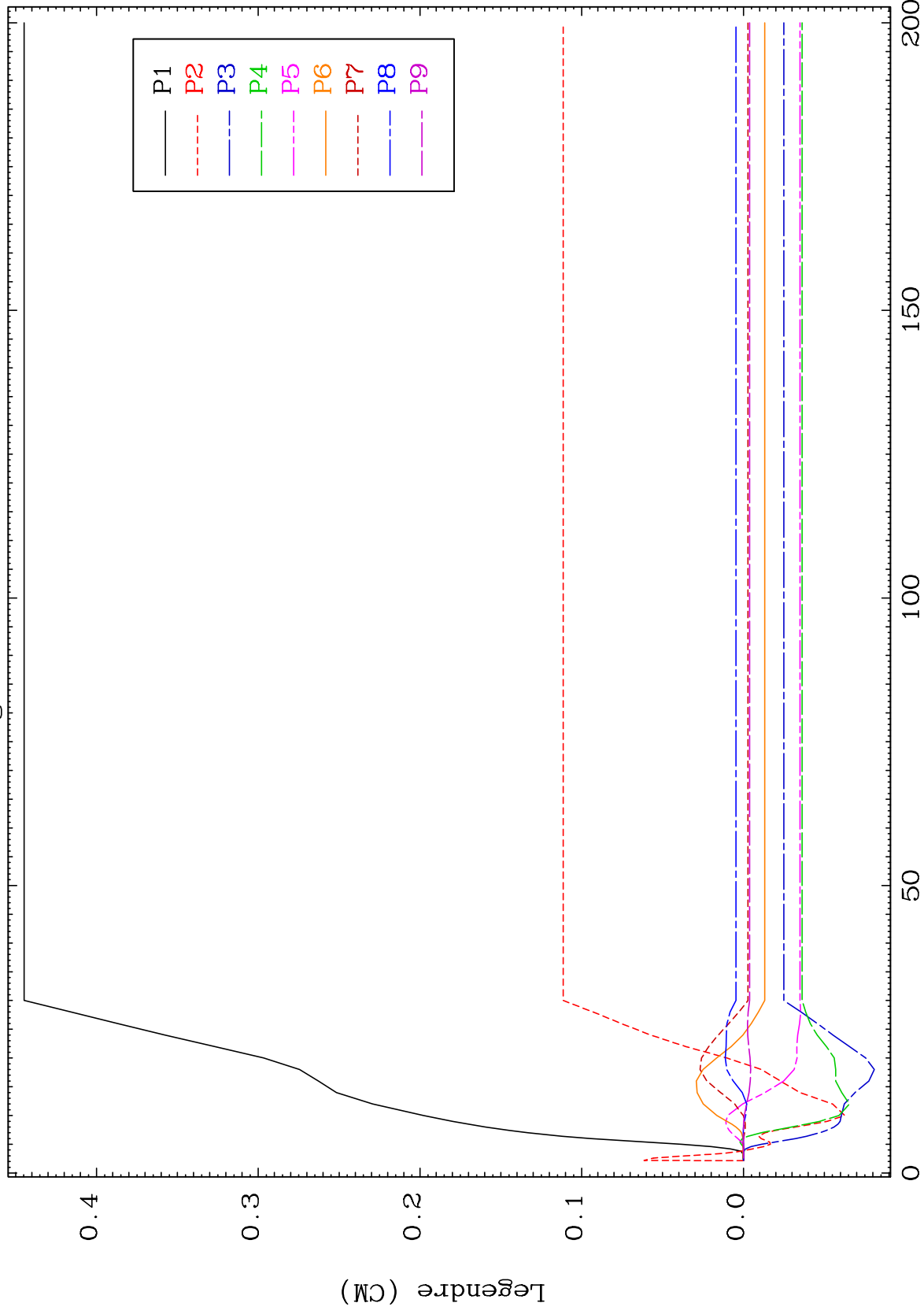
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



82

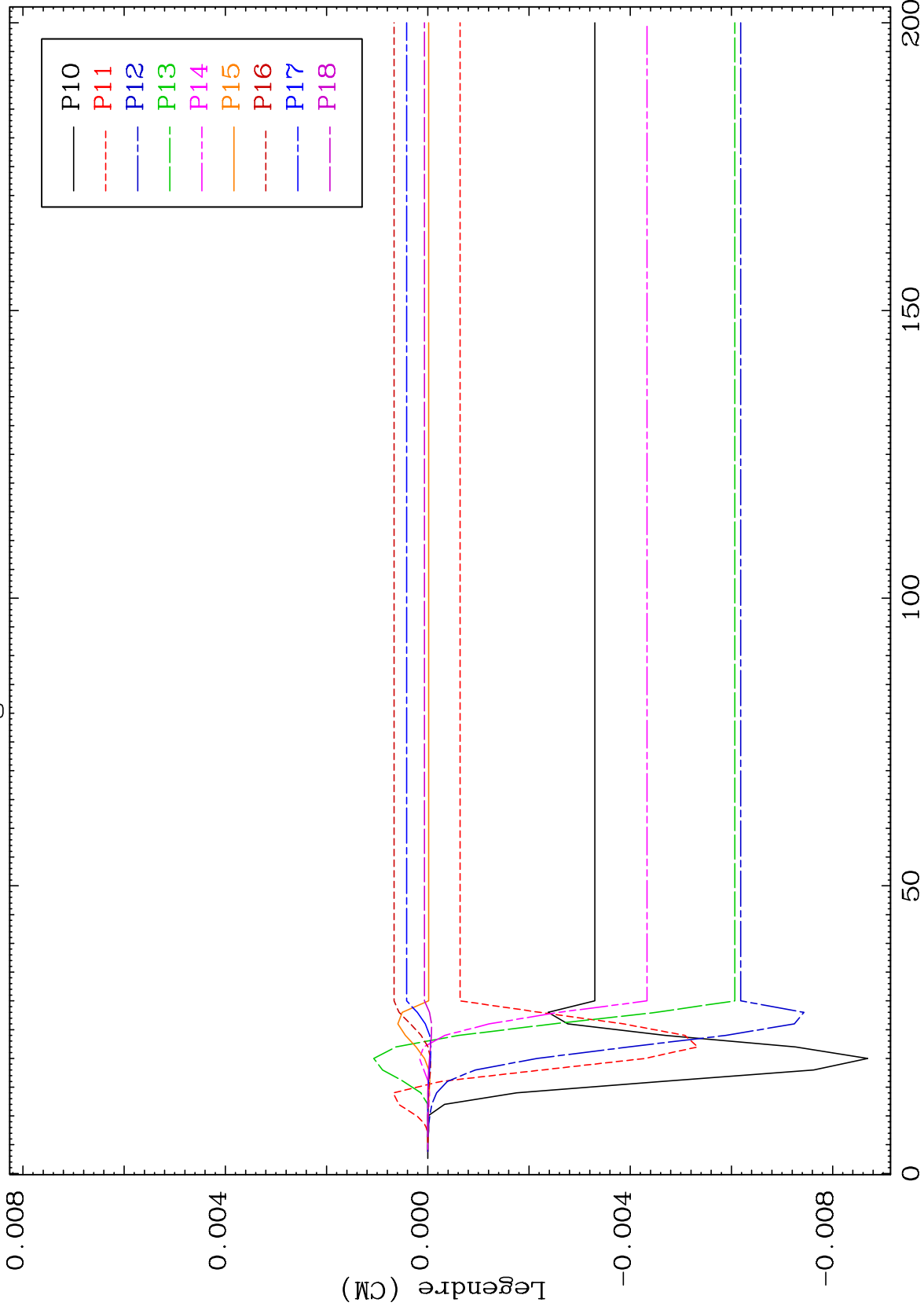
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



83

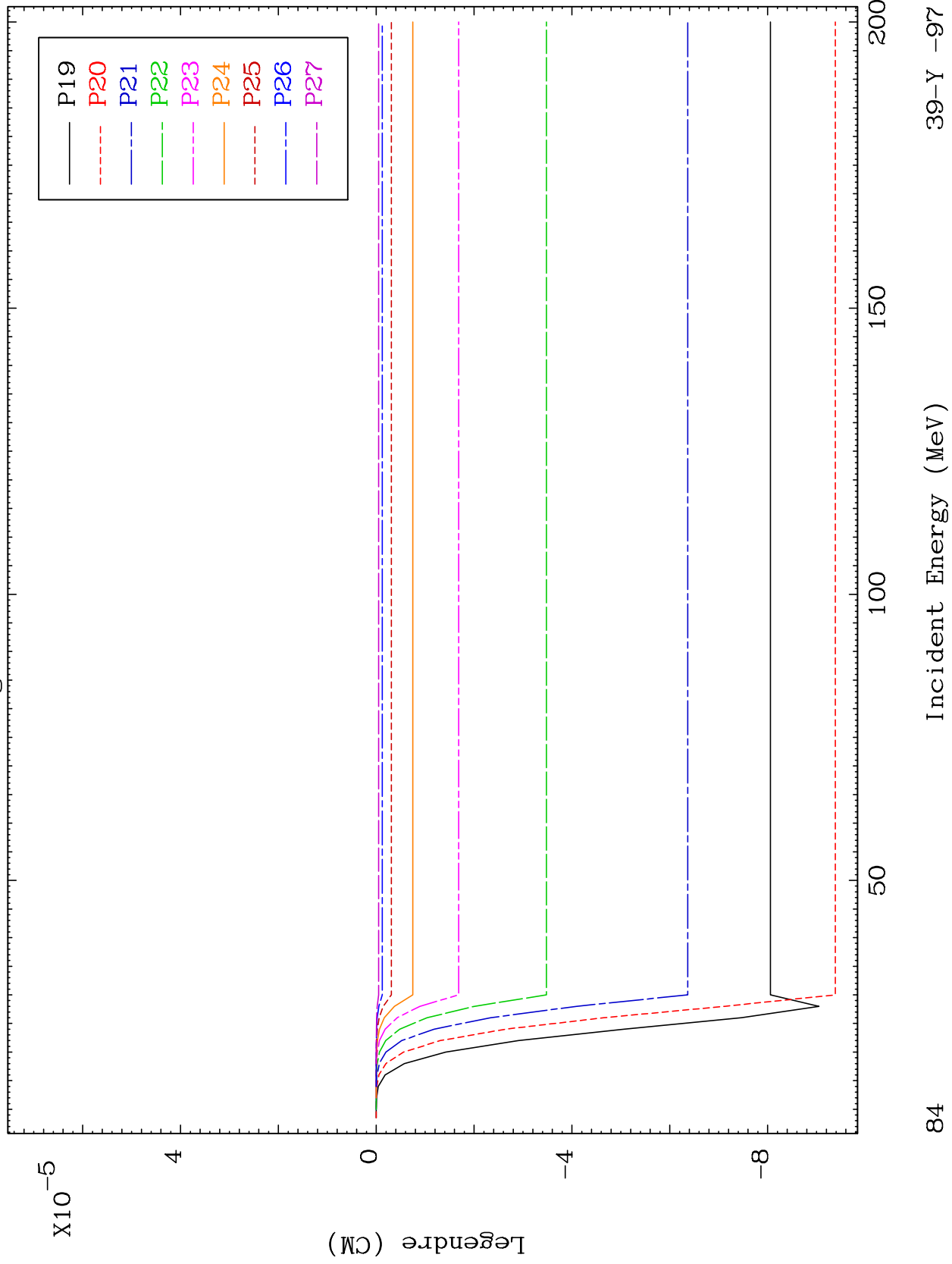
Incident Energy (MeV)

39-Y -97

MAT 3949

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

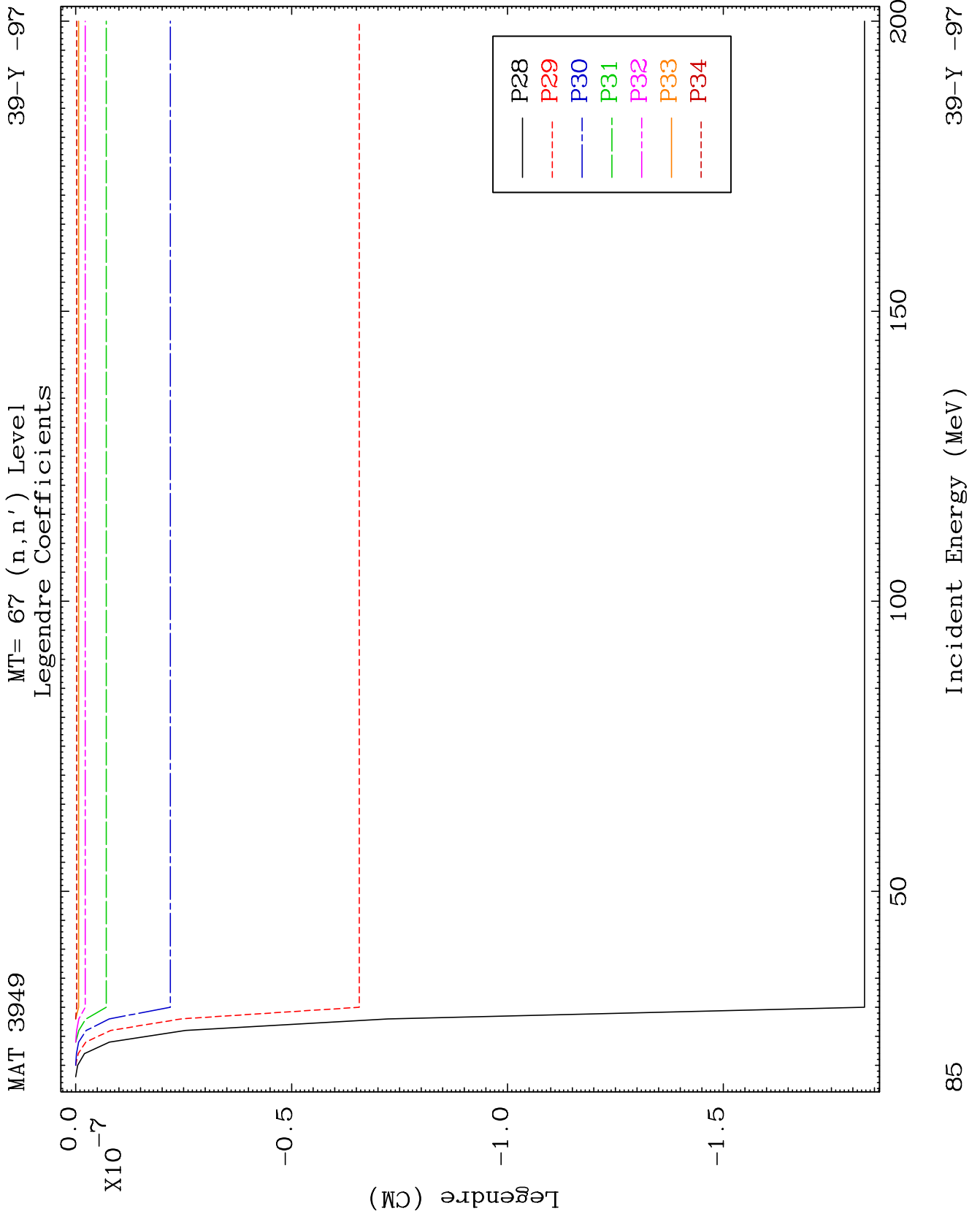
39-Y -97



84

Incident Energy (MeV)

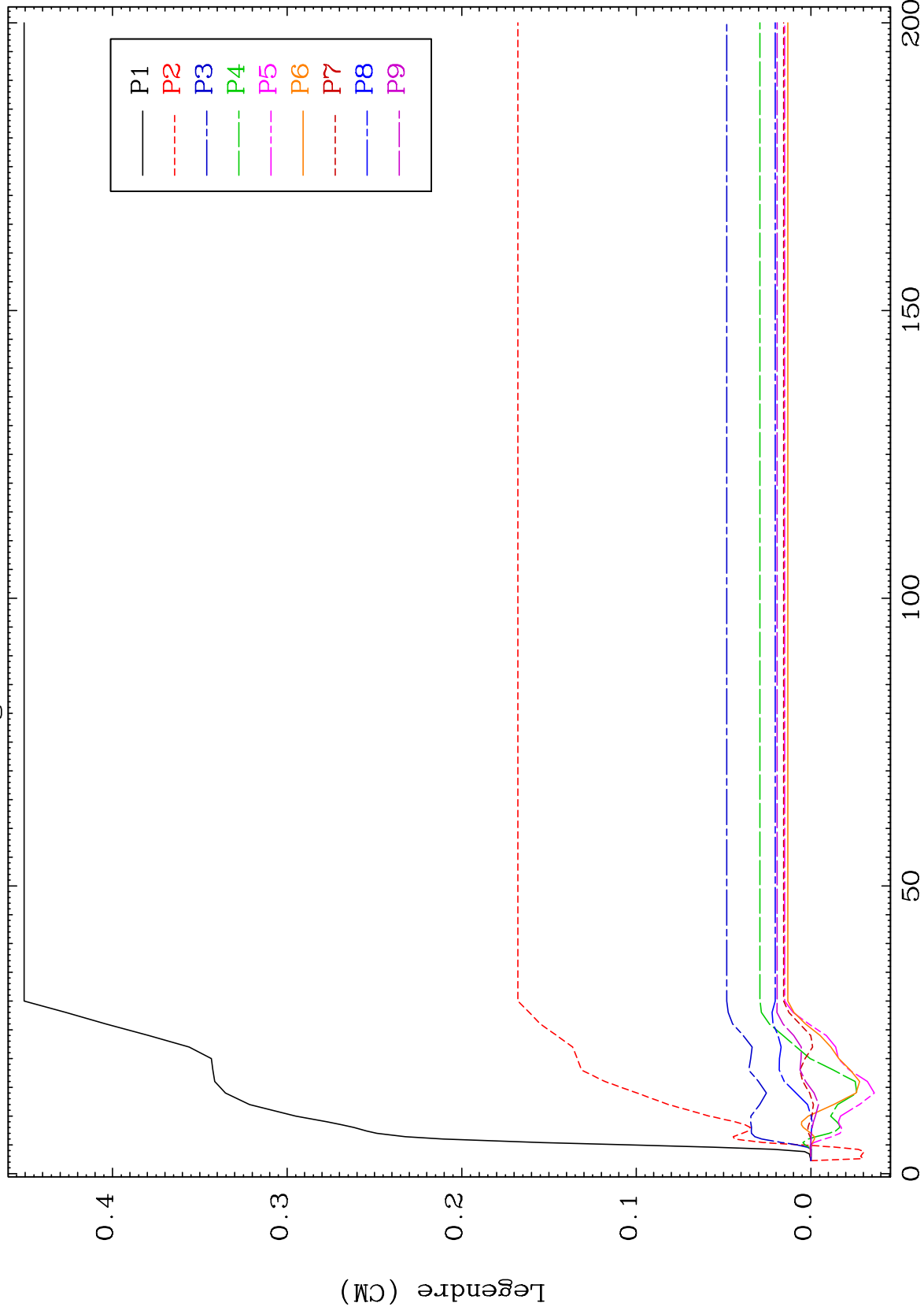
39-Y -97



MAT 3949

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

39-Y -97



86

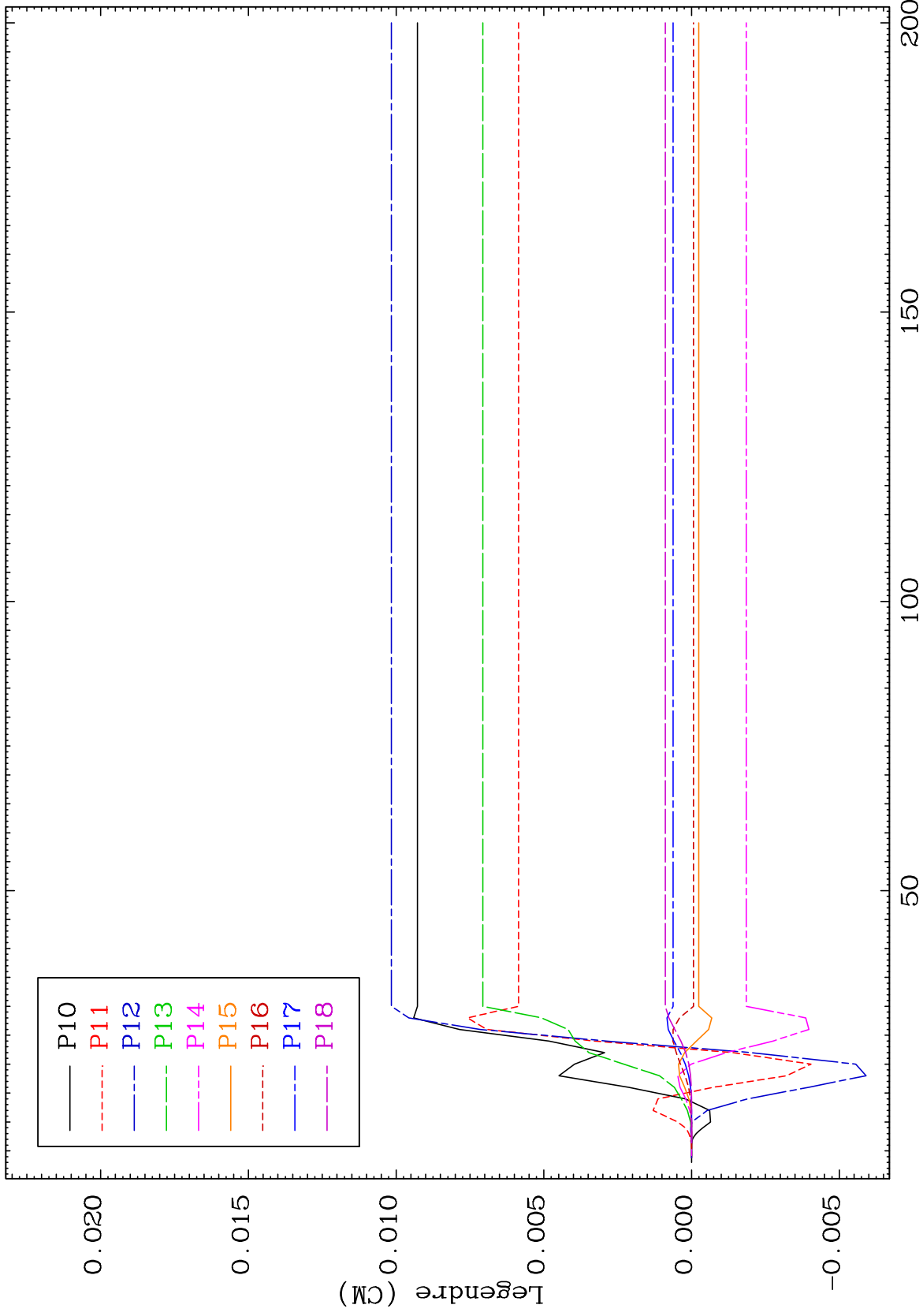
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



87

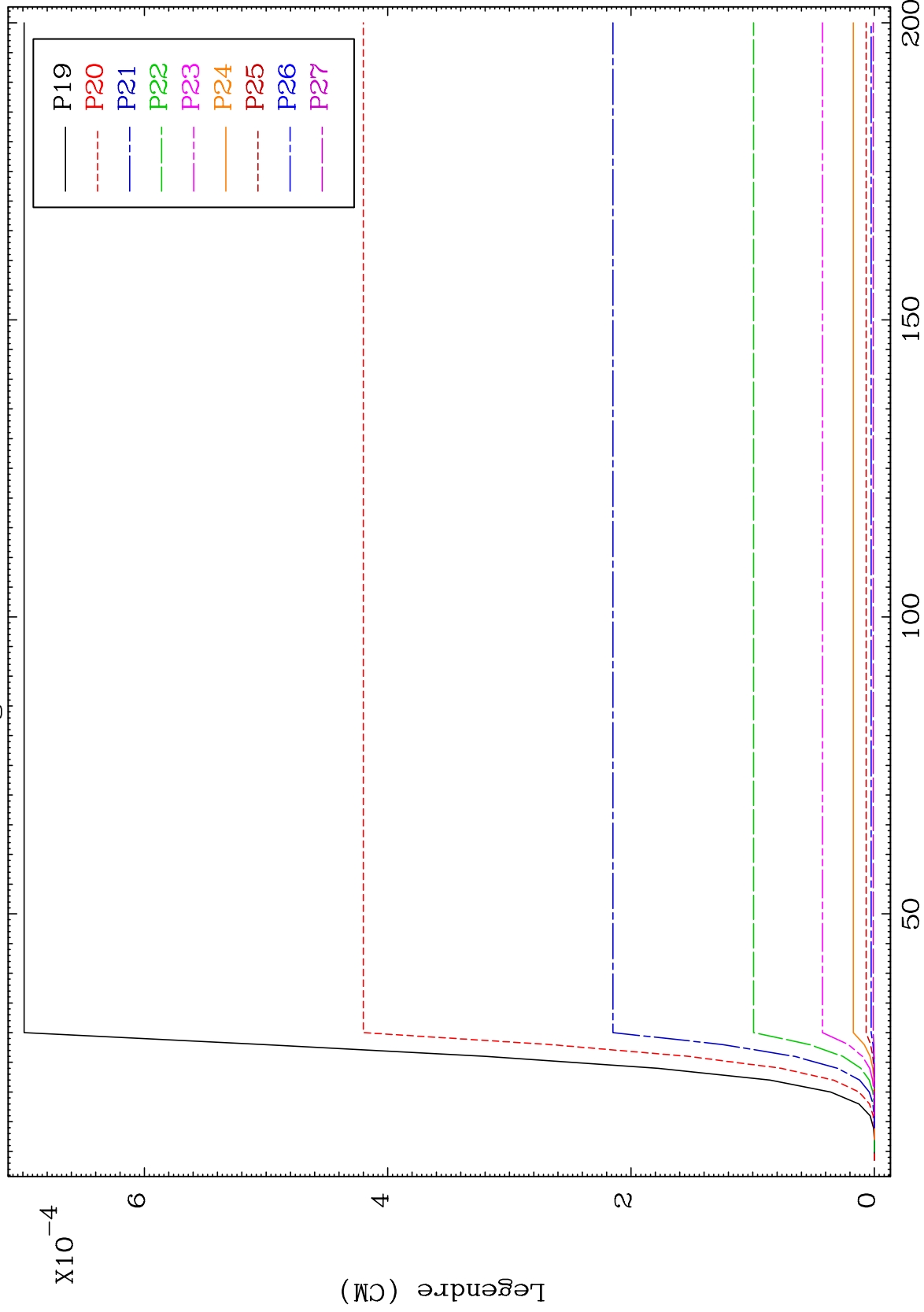
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



88

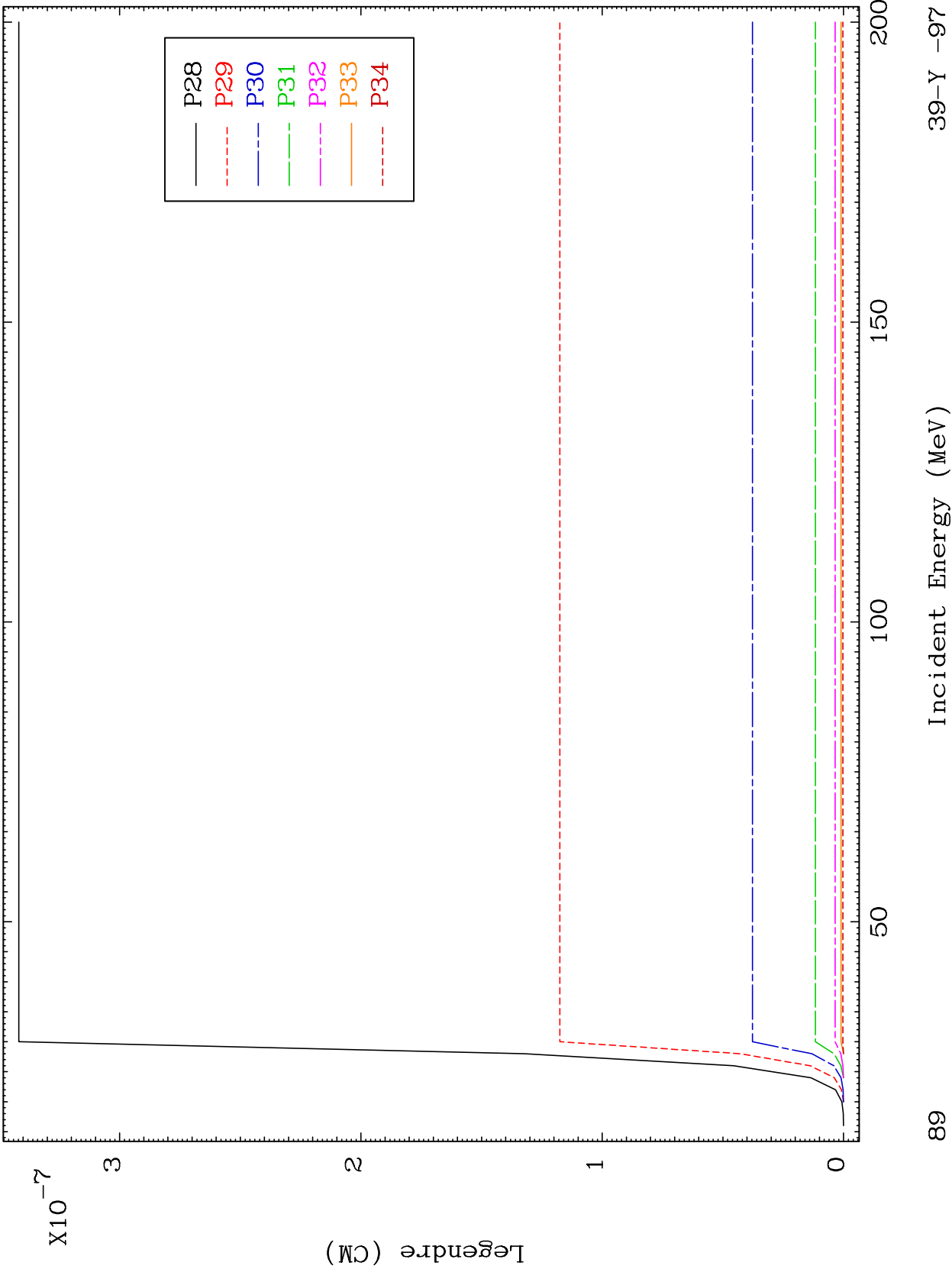
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



89

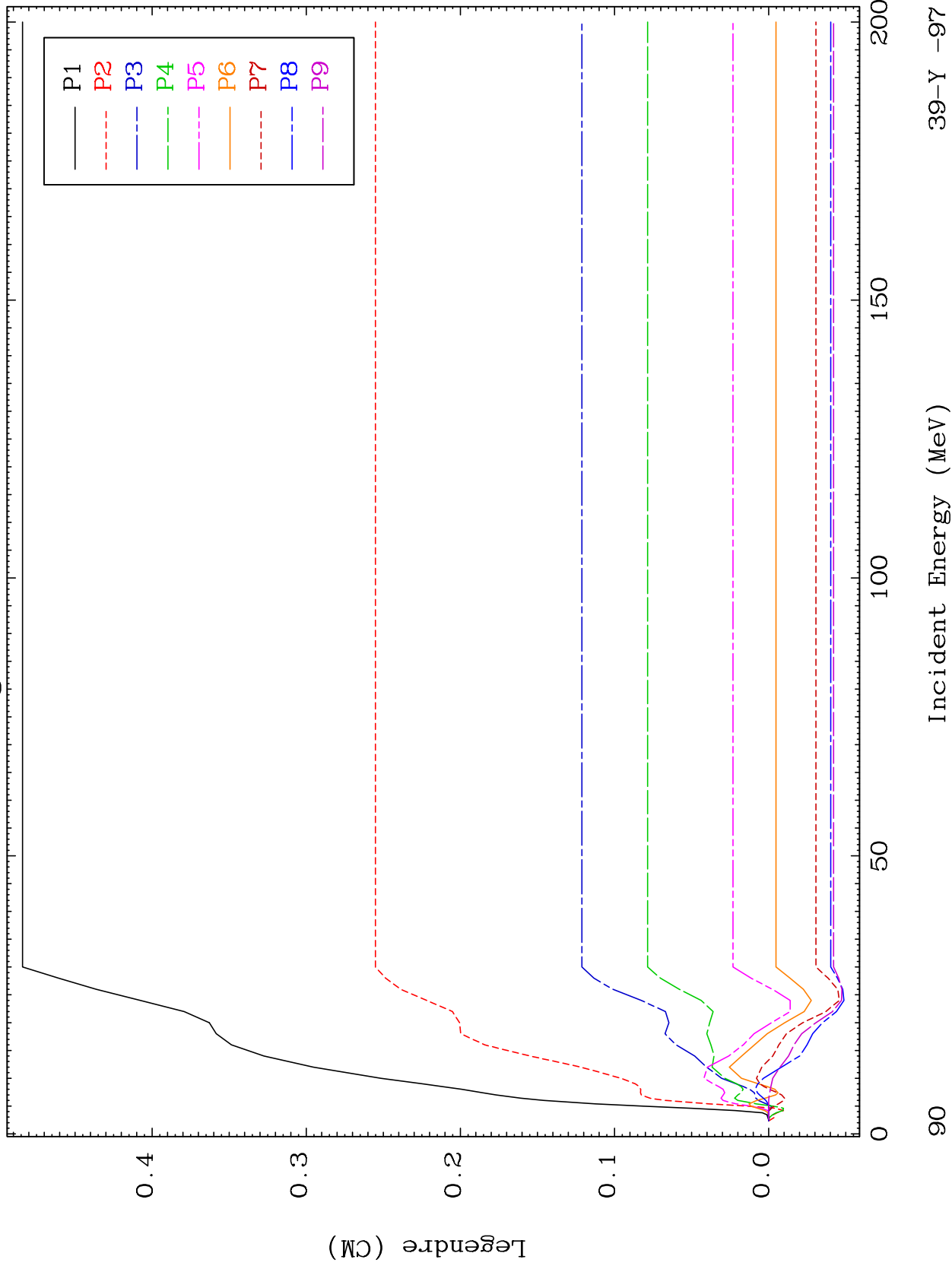
Incident Energy (MeV)

39-Y -97

MAT 3949

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

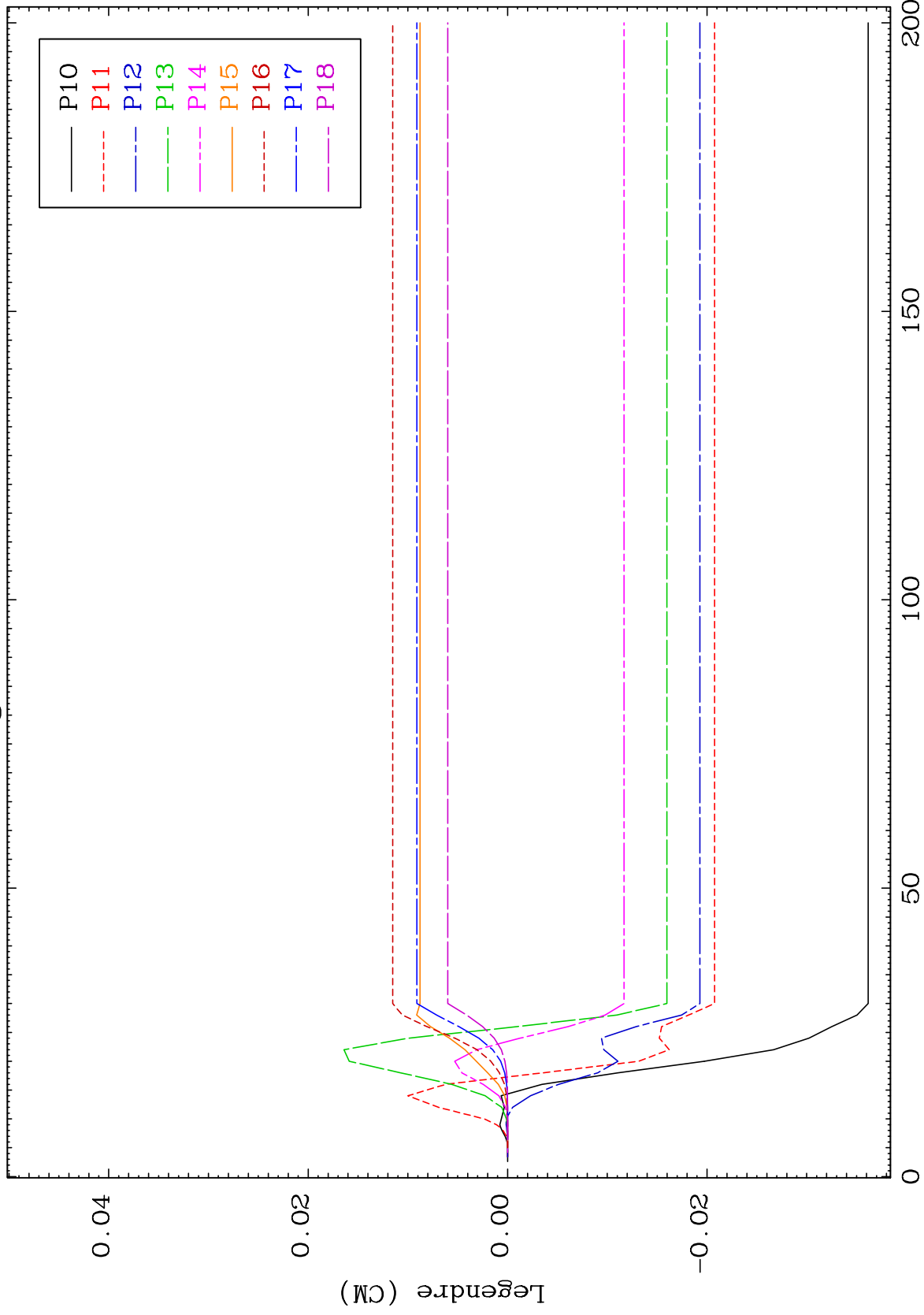
39-Y -97



MAT 3949

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

39-Y -97



91

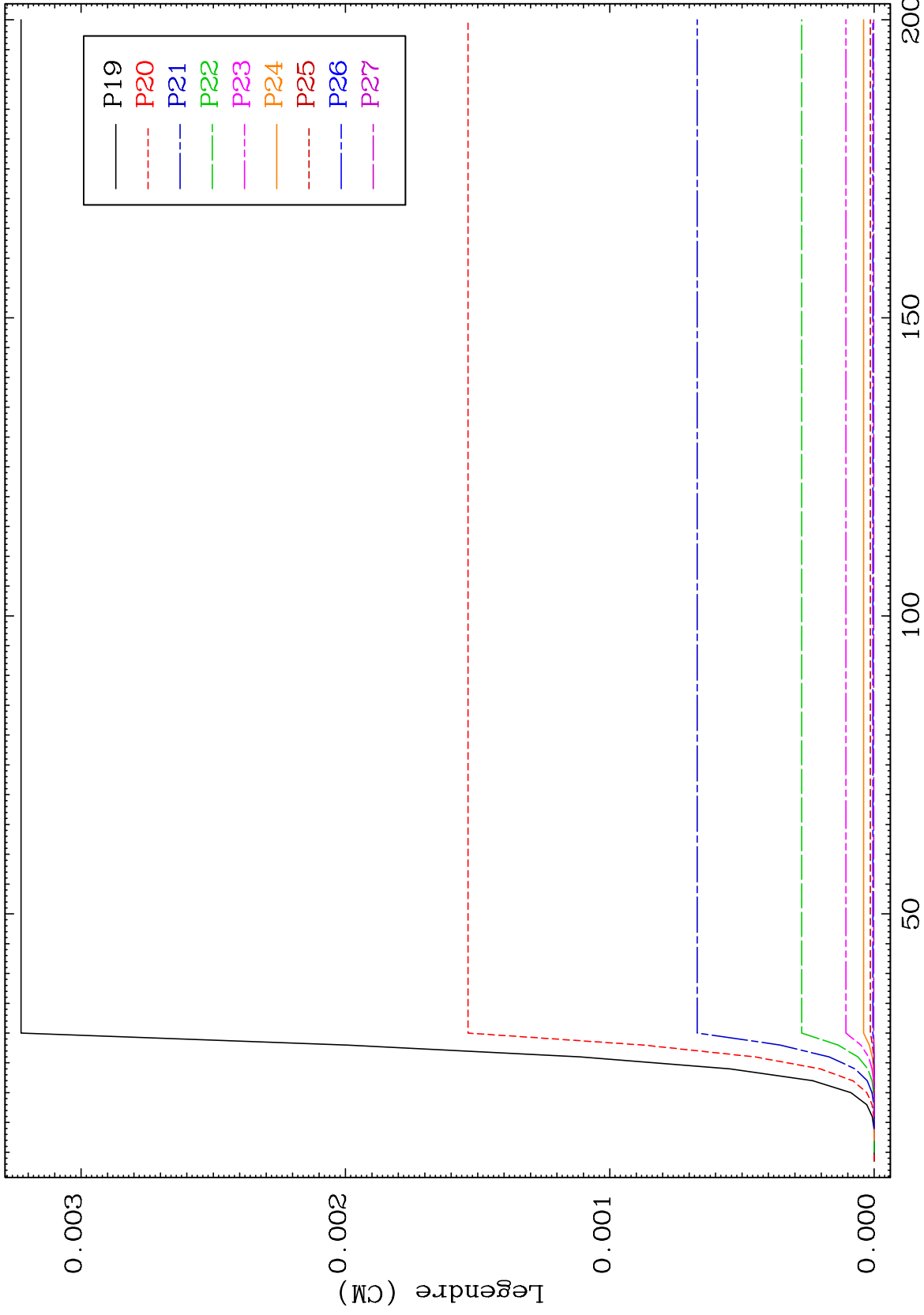
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



92

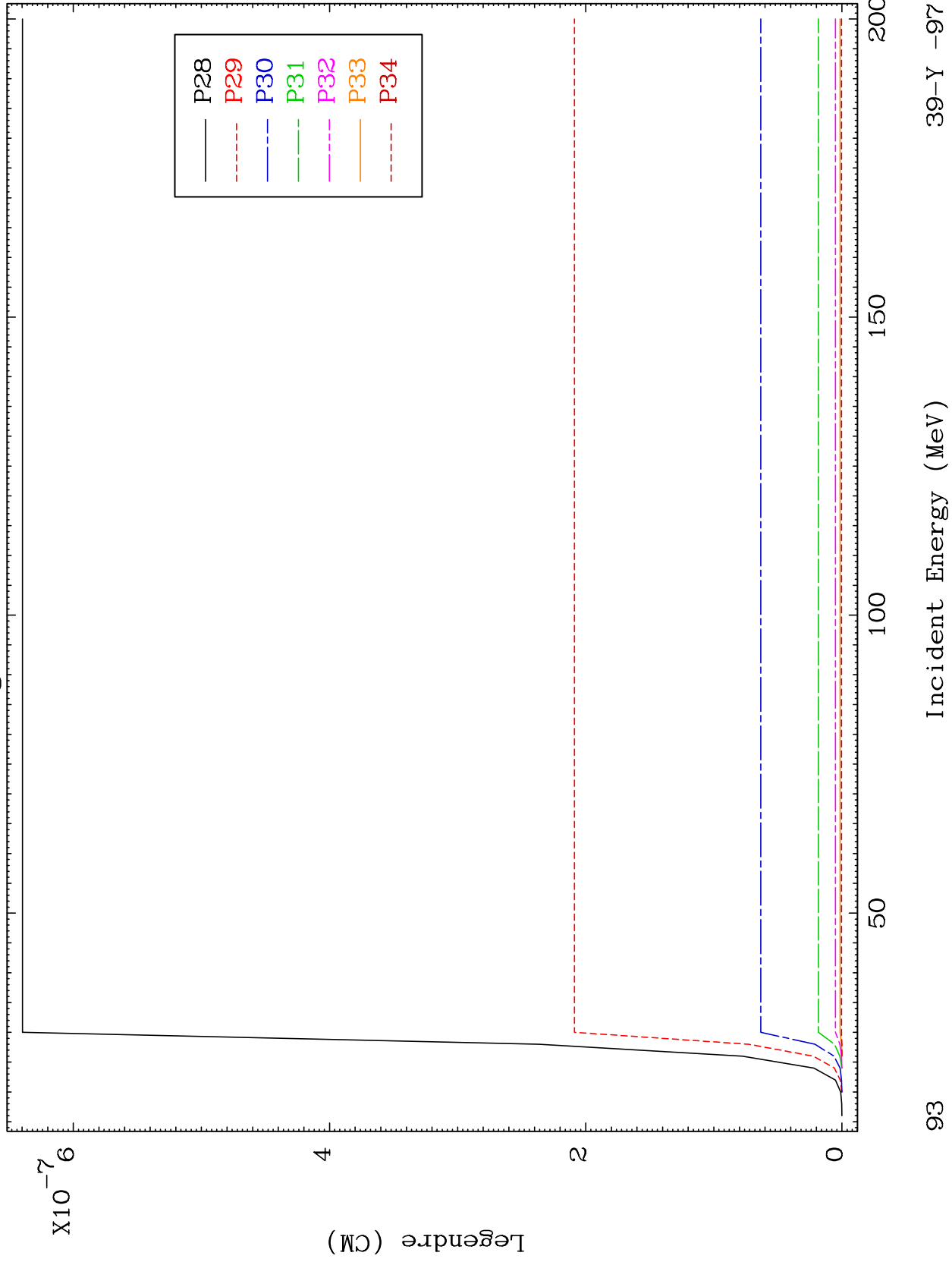
Incident Energy (MeV)

39-Y -97

MAT 3949

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

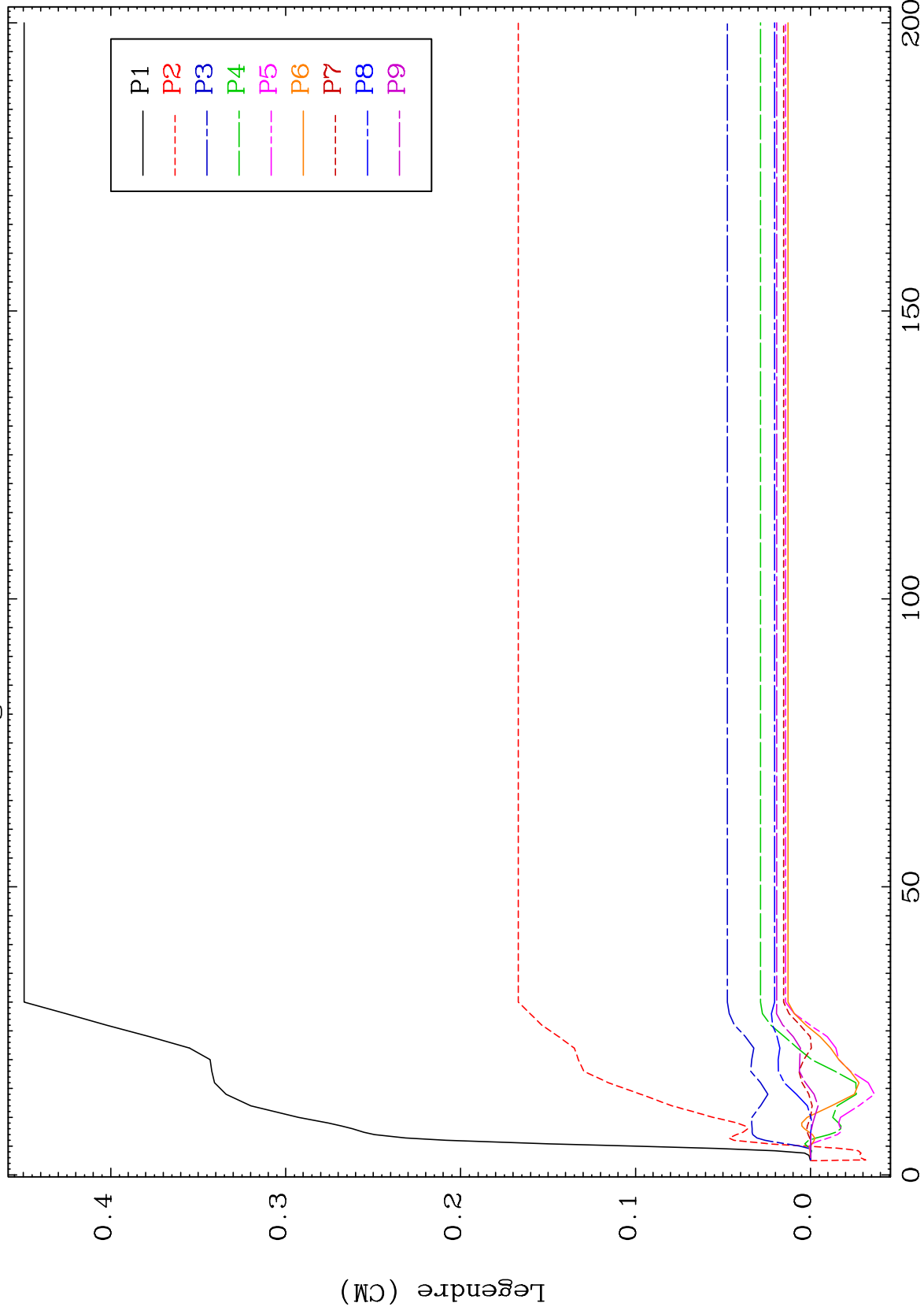
39-Y -97



MAT 3949

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

39-Y -97



94

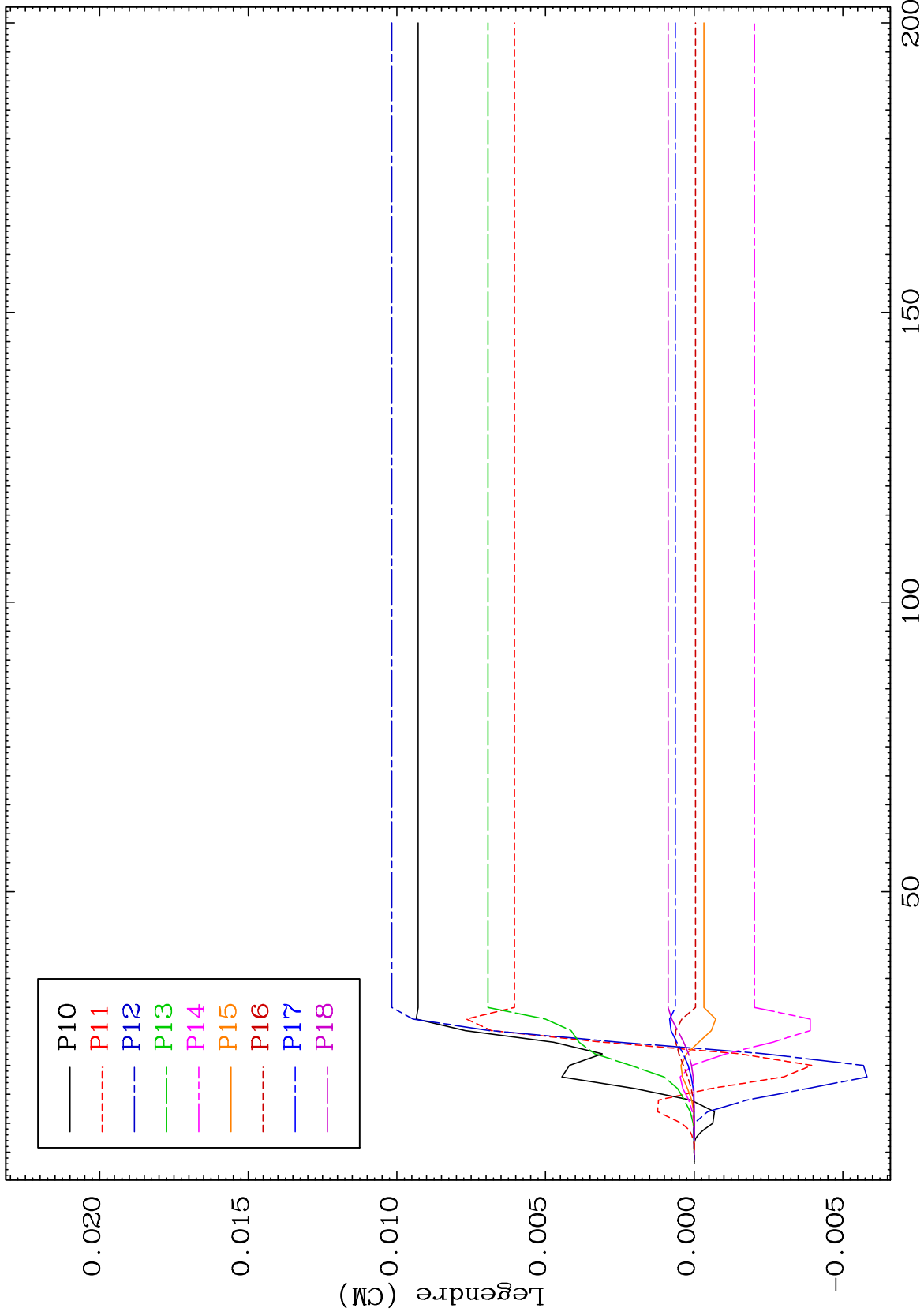
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



95

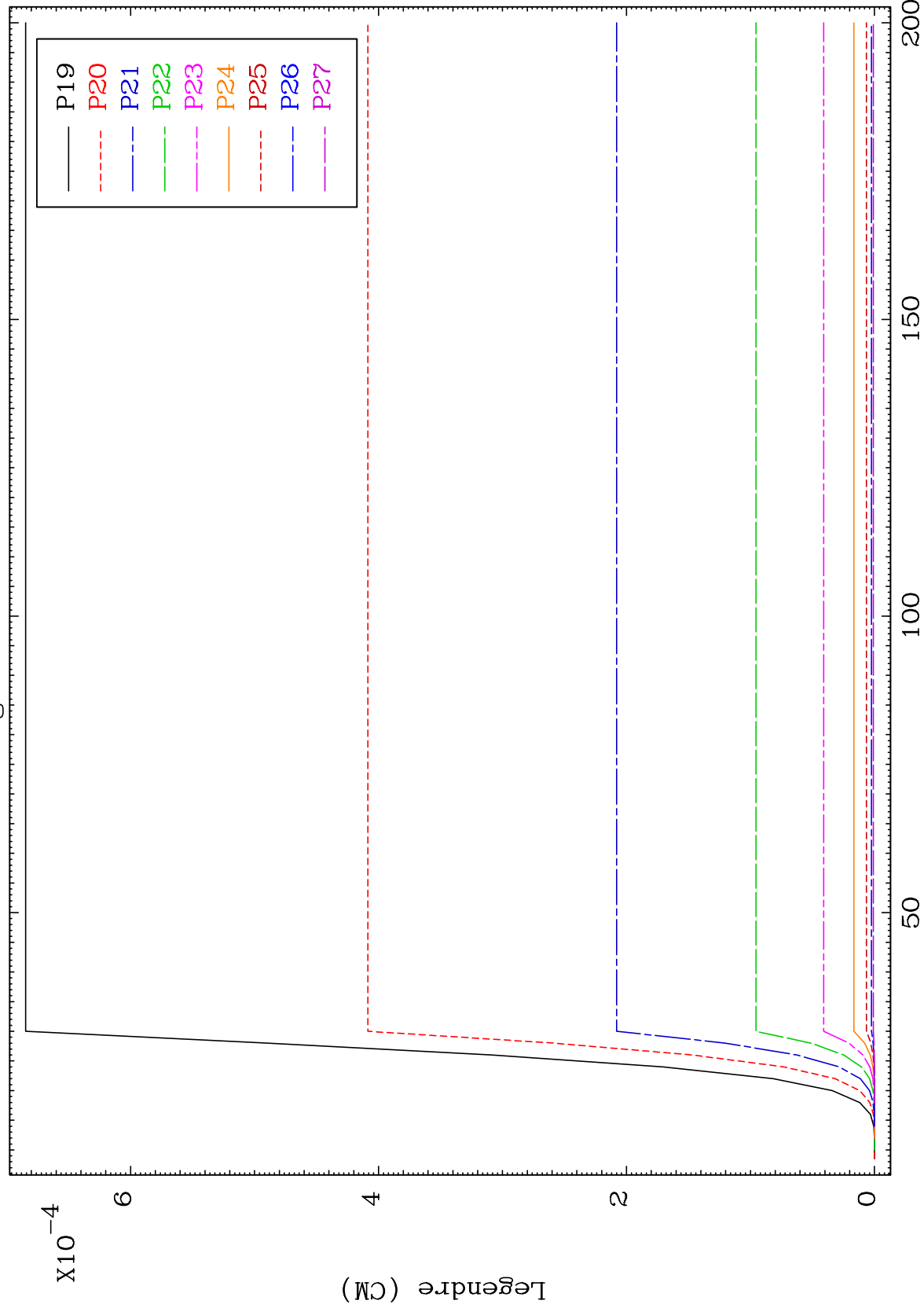
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



96

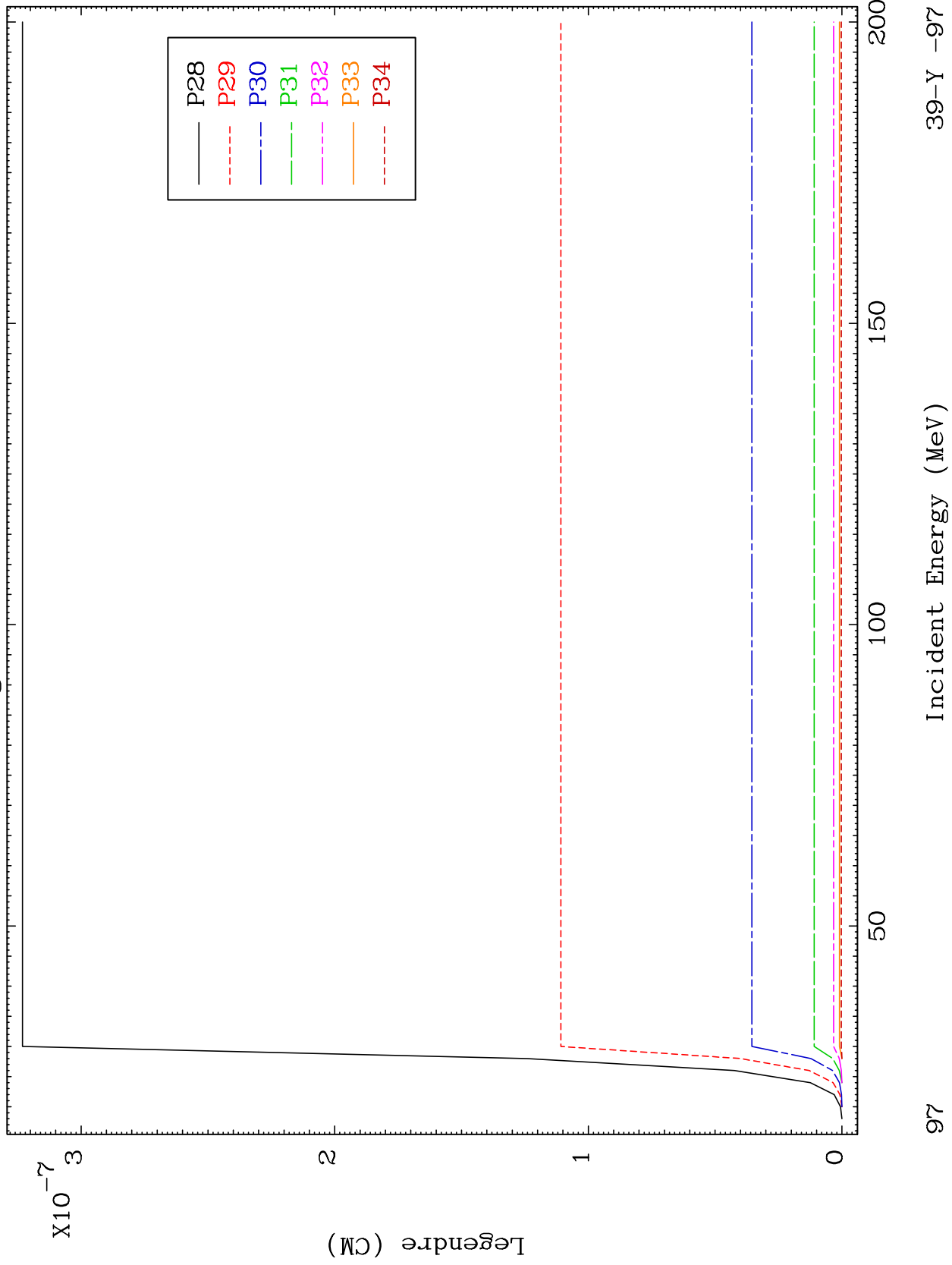
Incident Energy (MeV)

39-Y -97

MAT 3949

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

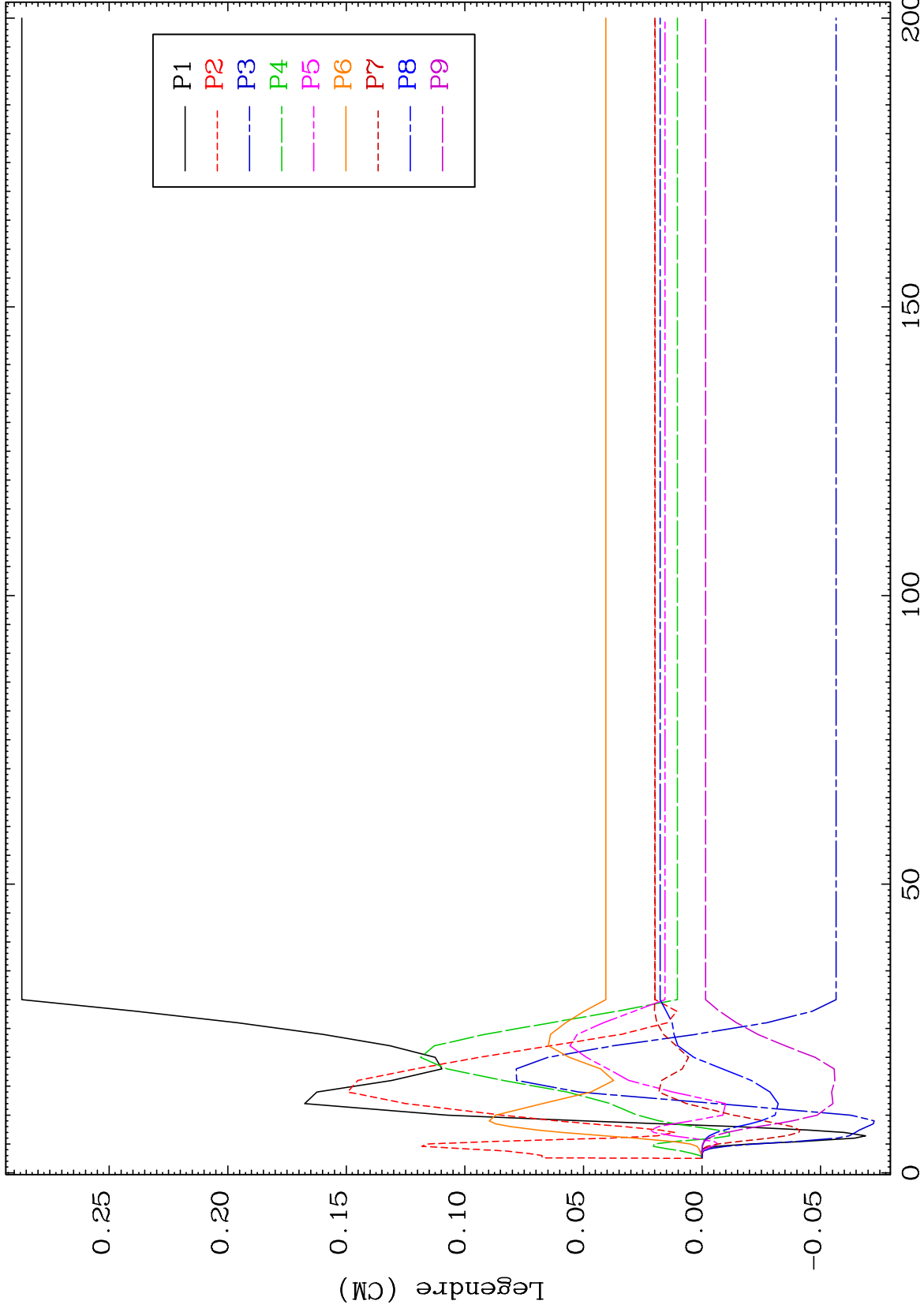
39-Y -97



MAT 3949

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

39-Y -97



98

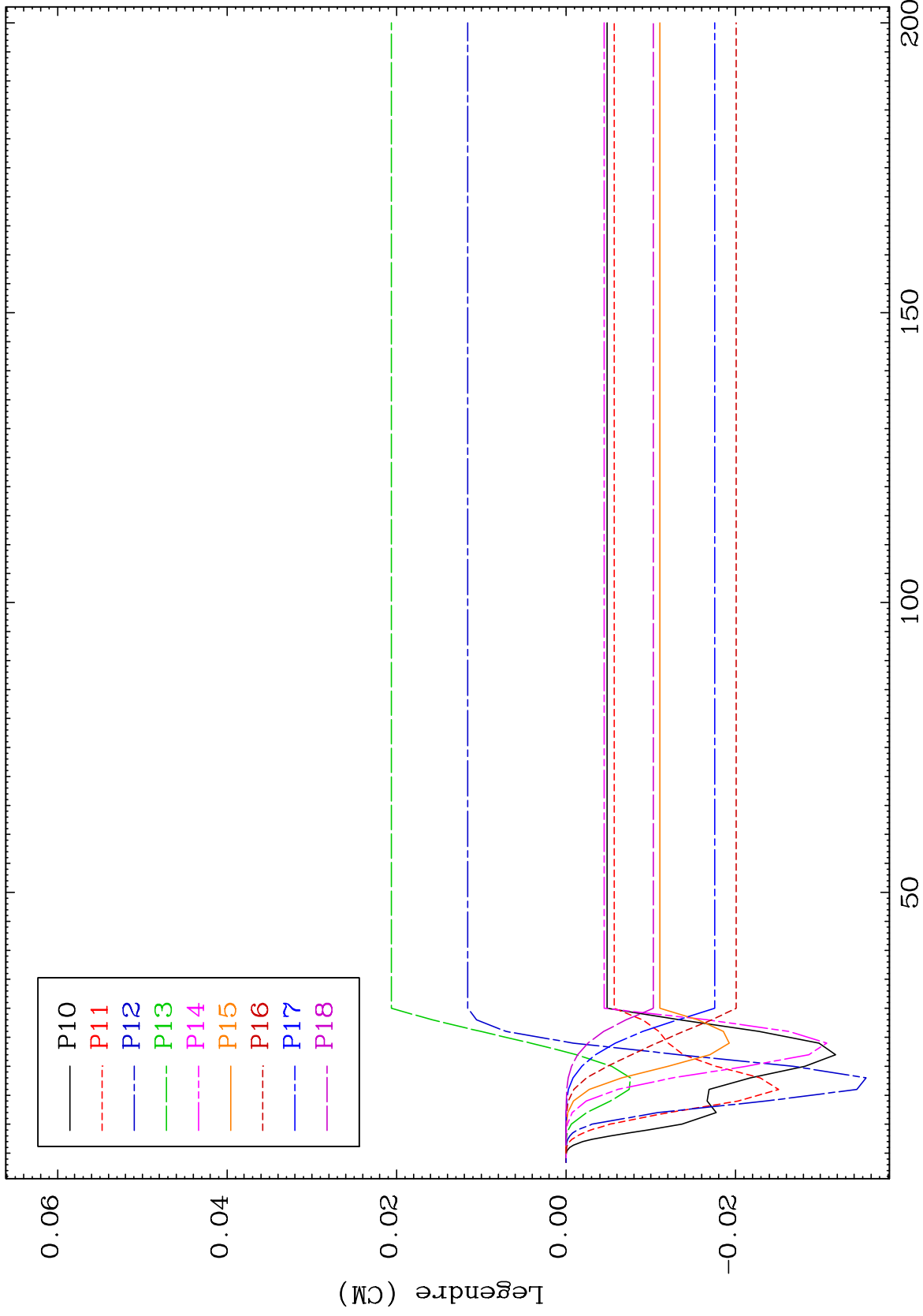
Incident Energy (MeV)

39-Y -97

MAT 3949

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

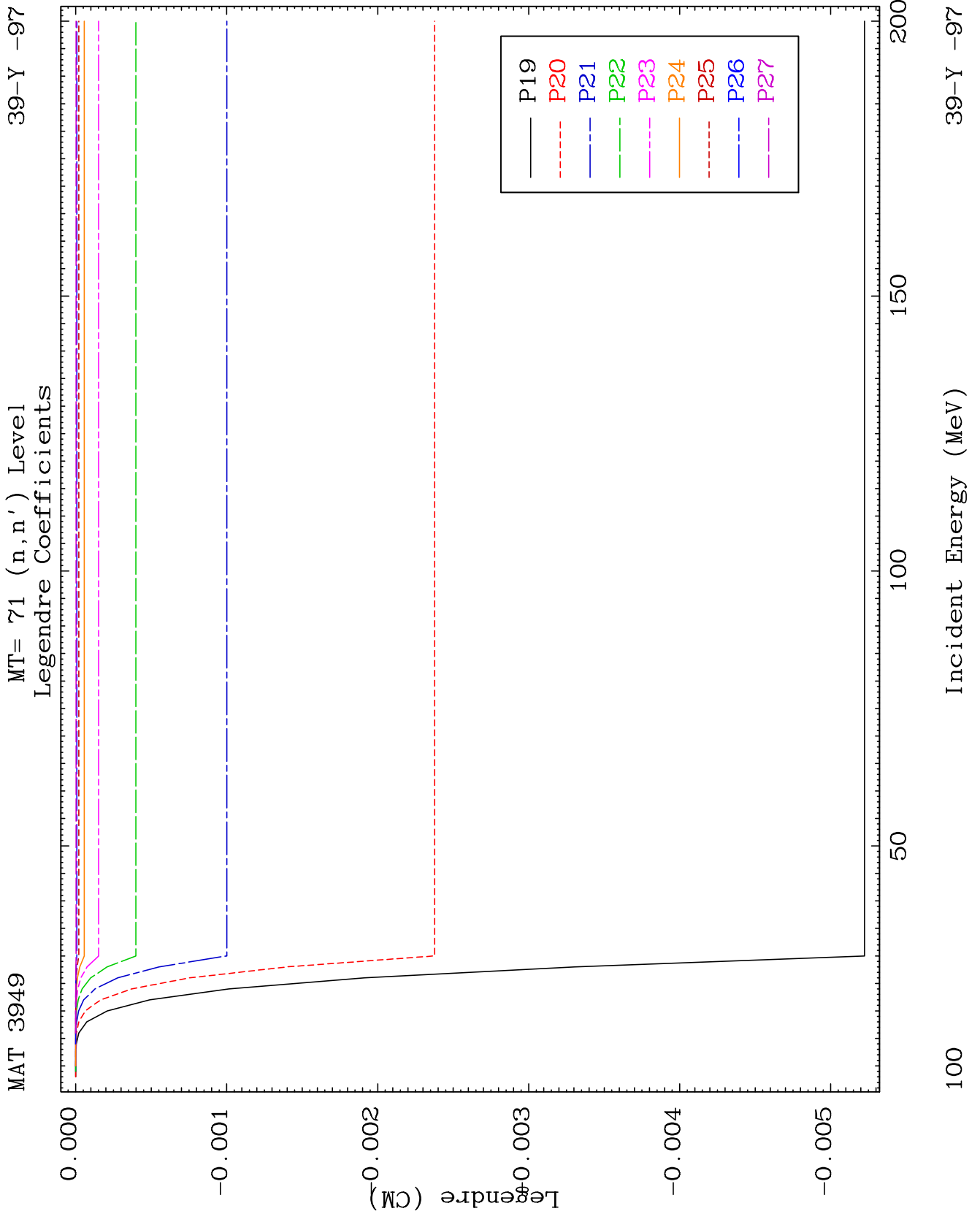
39-Y -97

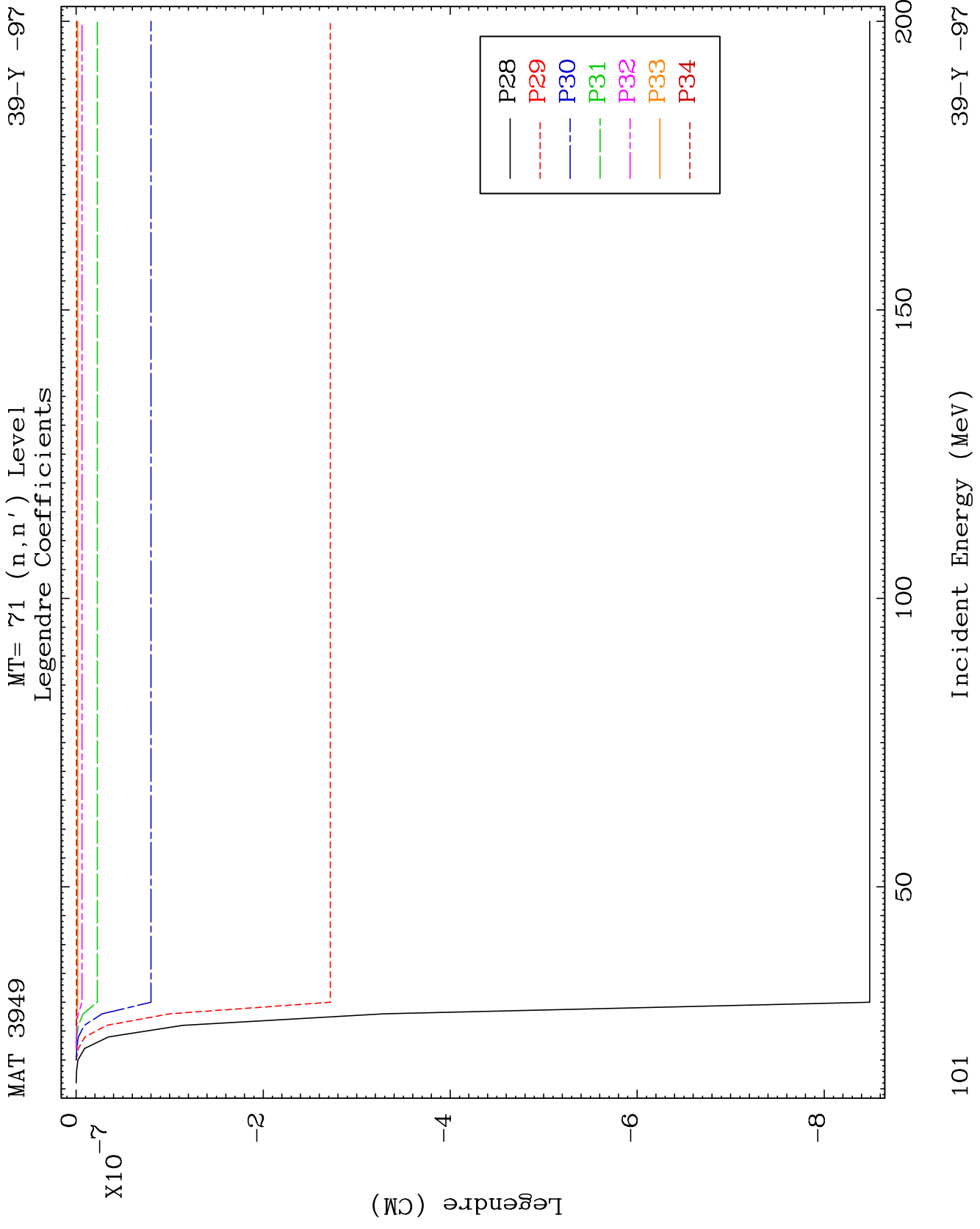


99

Incident Energy (MeV)

39-Y -97

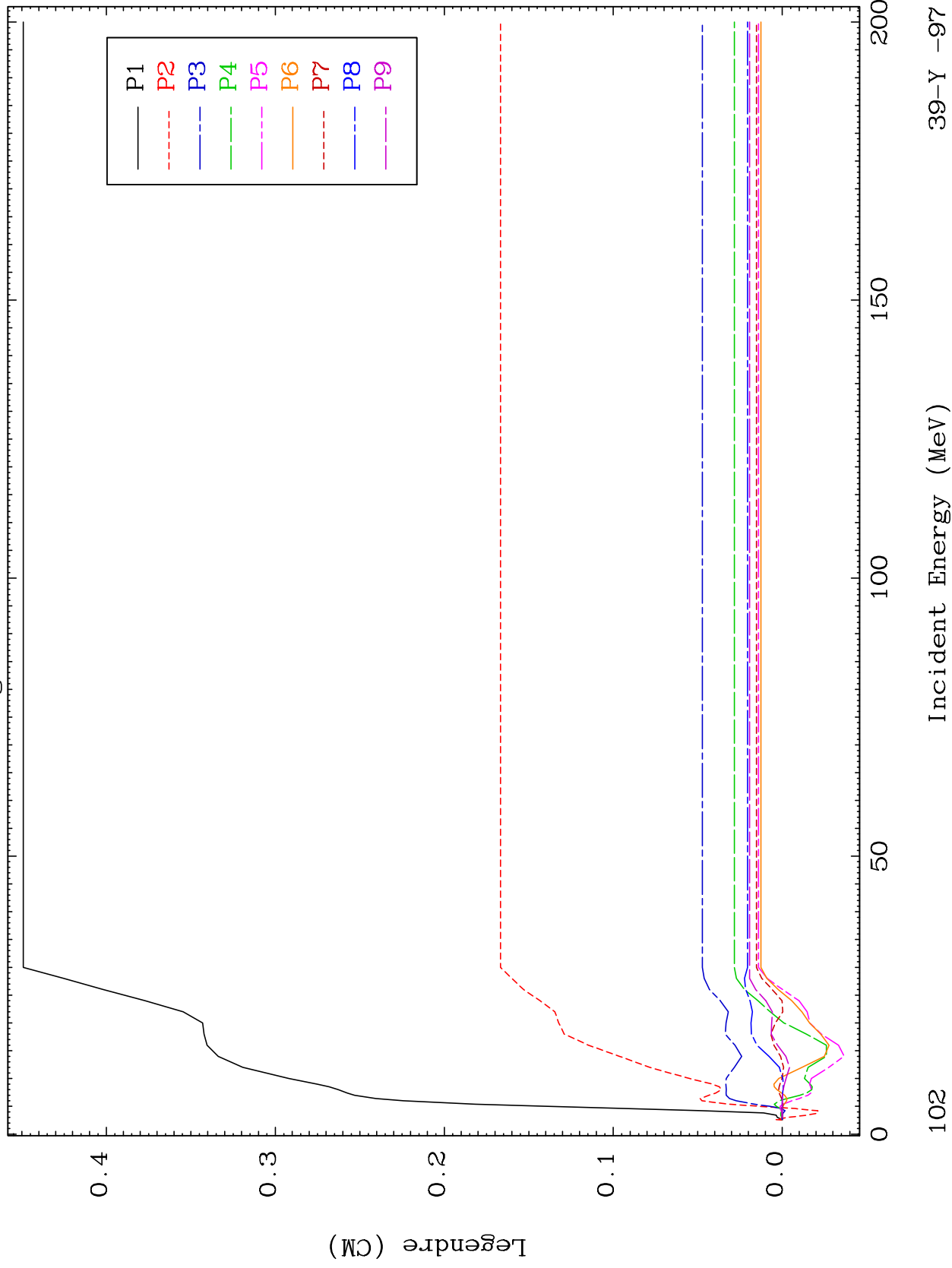




MAT 3949

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

39-Y -97



39-Y -97

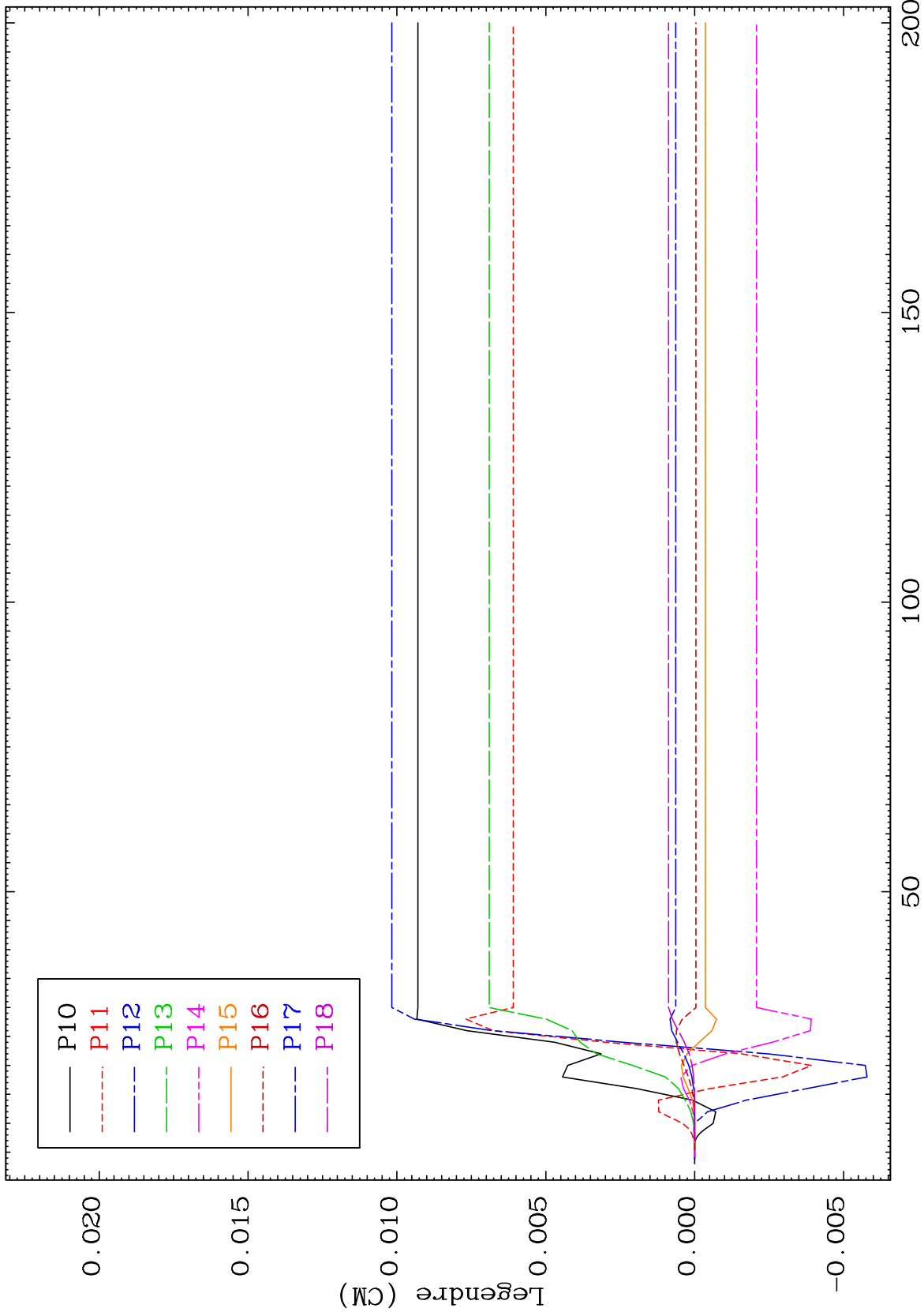
Incident Energy (MeV)

102

MAT 3949

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

39-Y -97



103

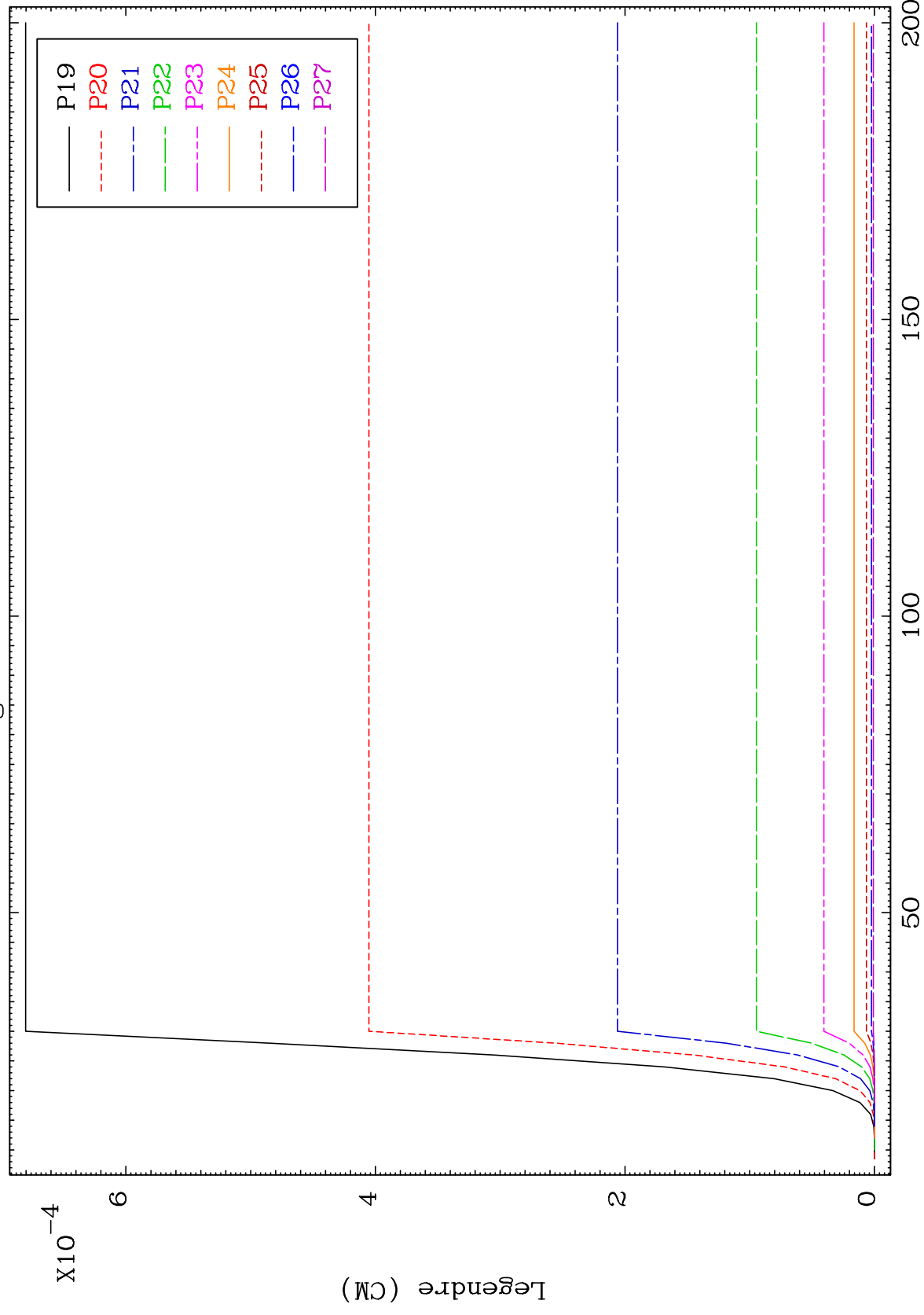
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



104

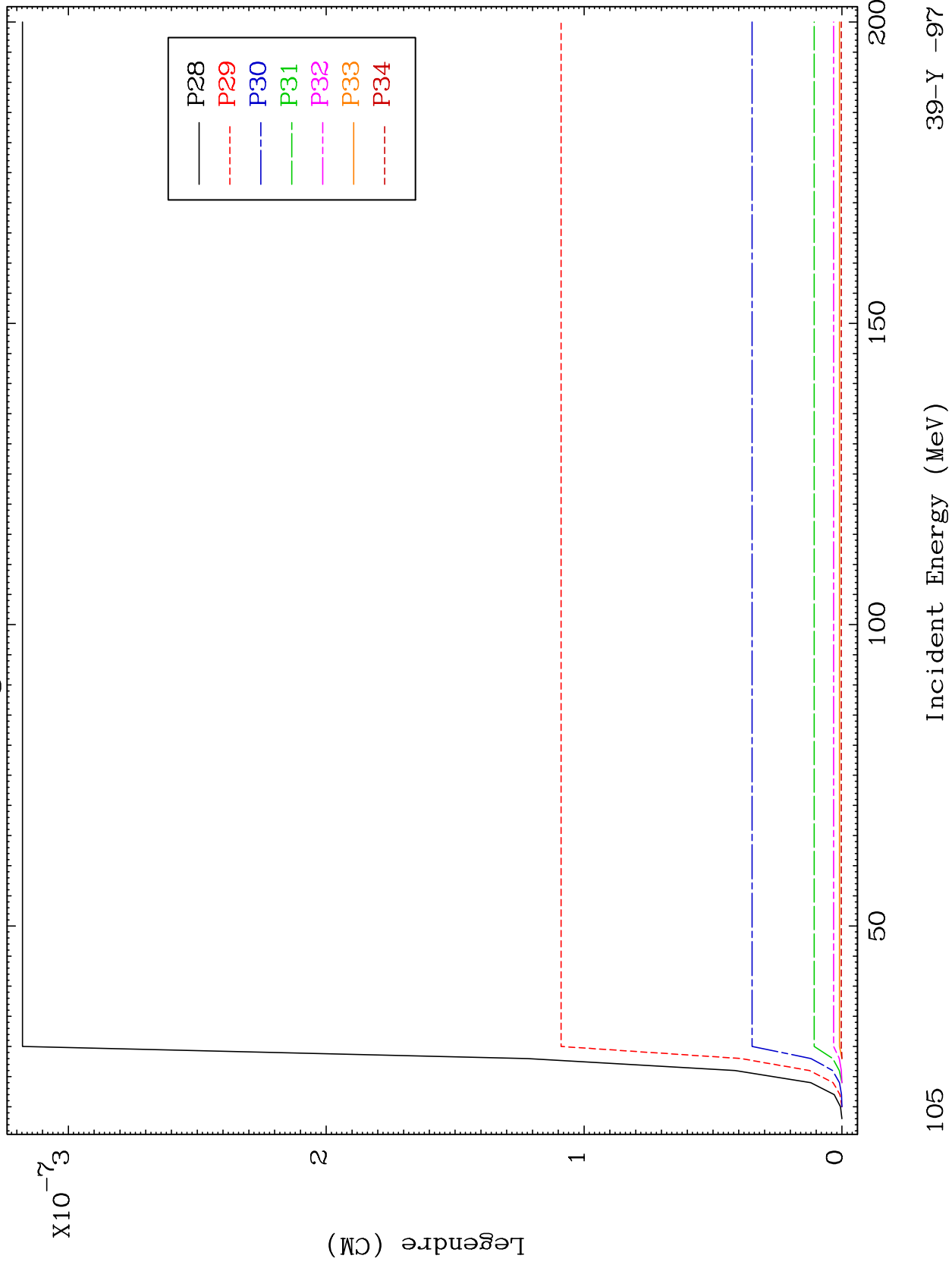
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



105

50

100

150

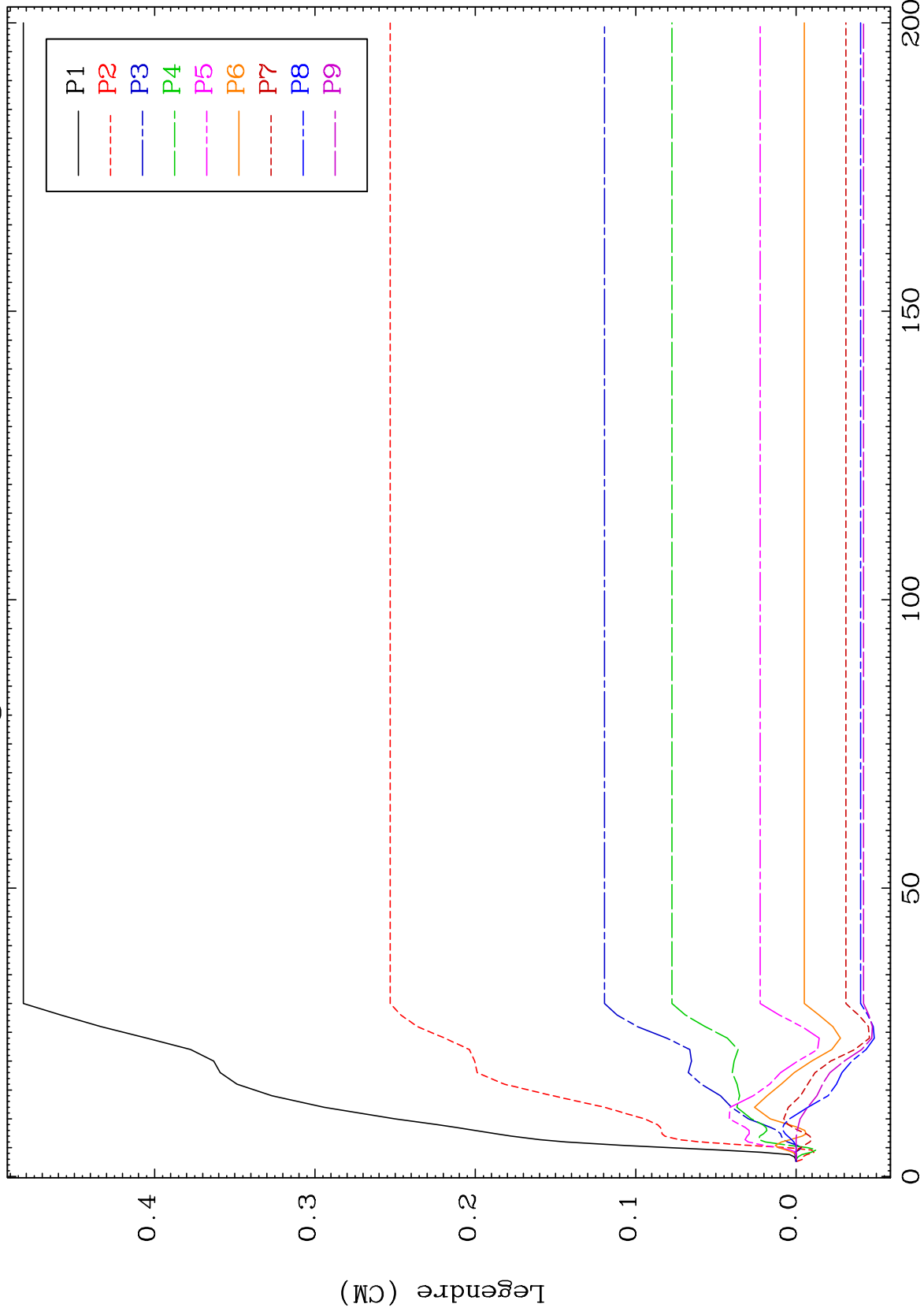
200

39-Y -97

MAT 3949

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

39-Y -97



106

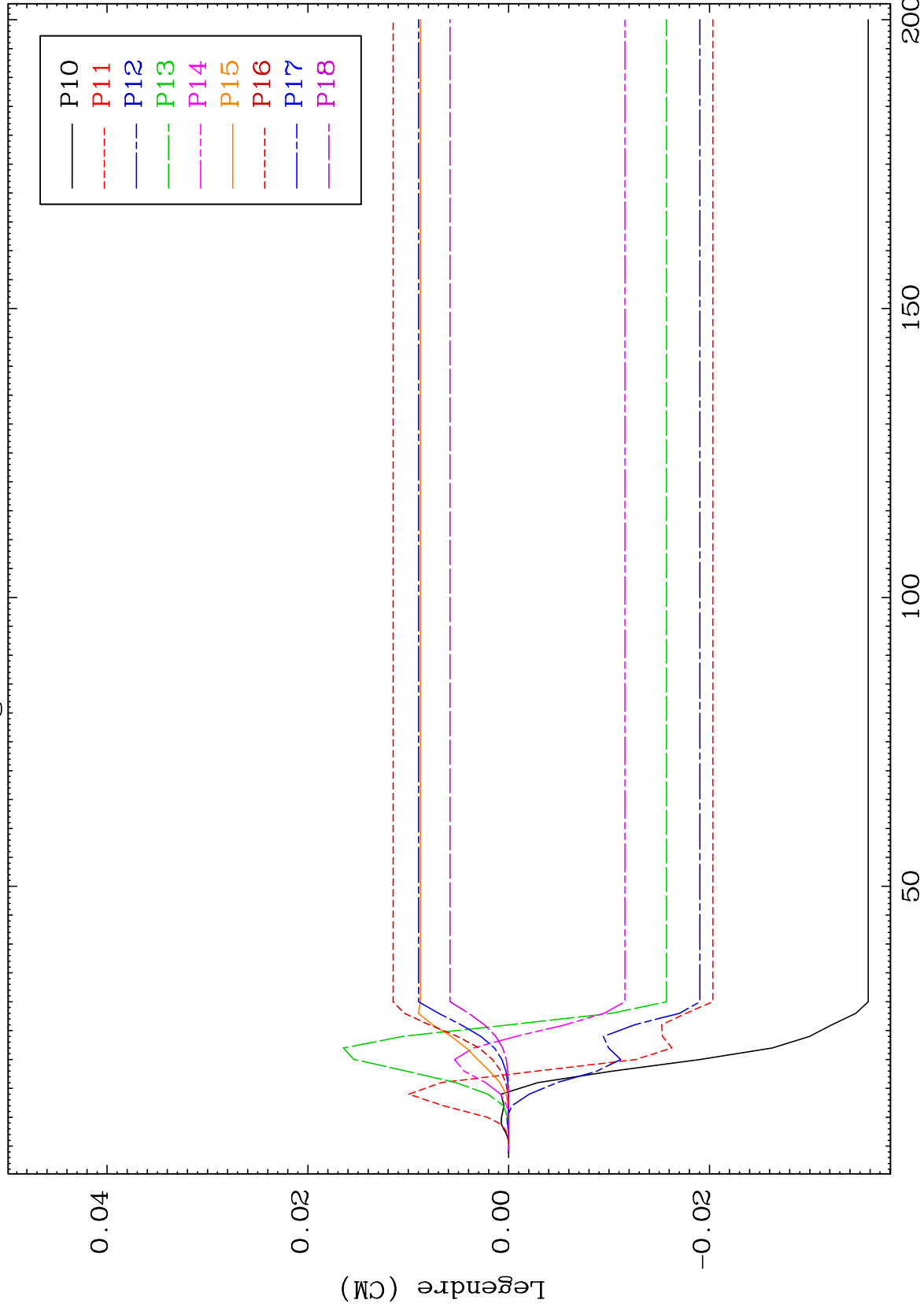
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



107

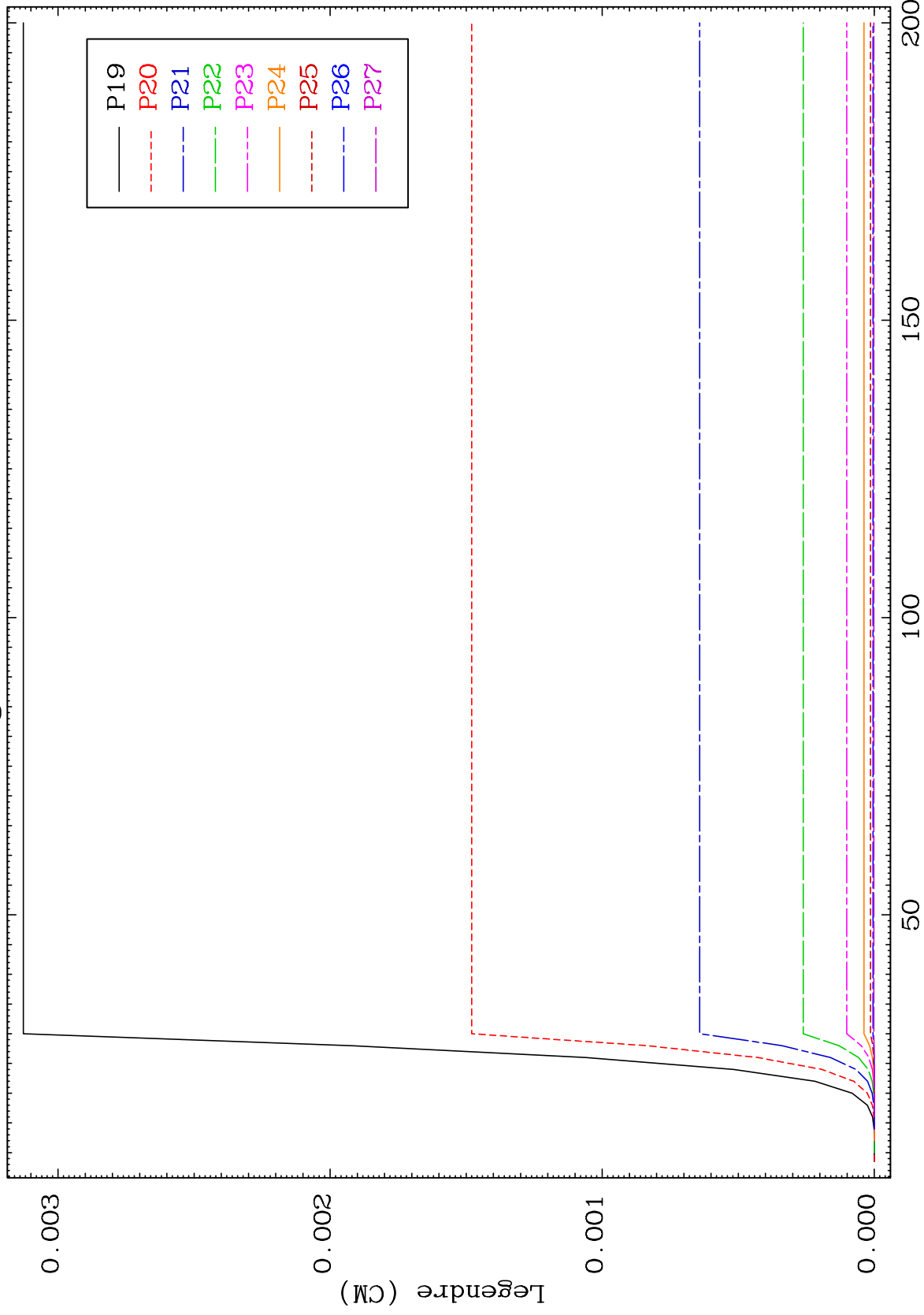
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



108

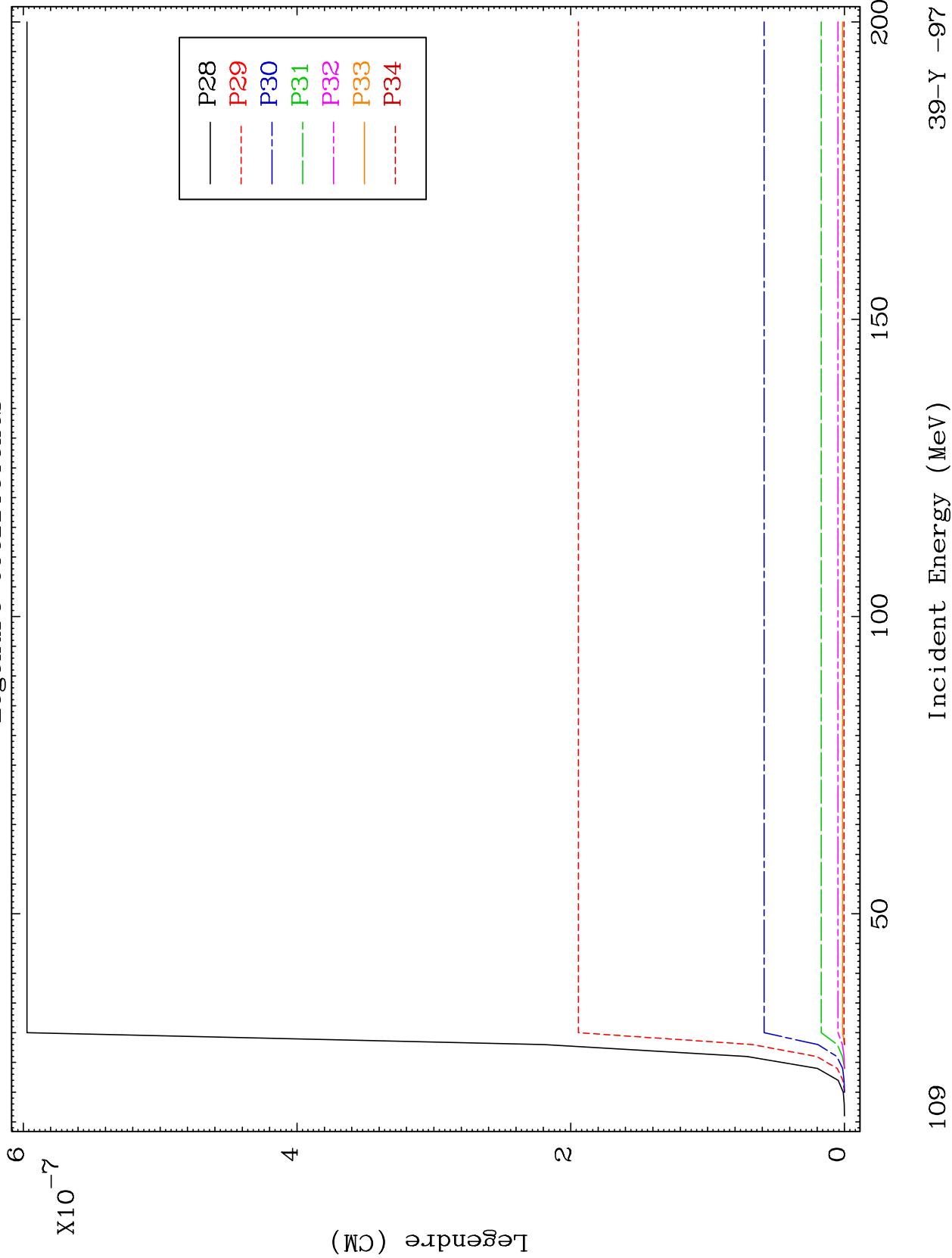
Incident Energy (MeV)

39-Y -97

MAT 3949

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

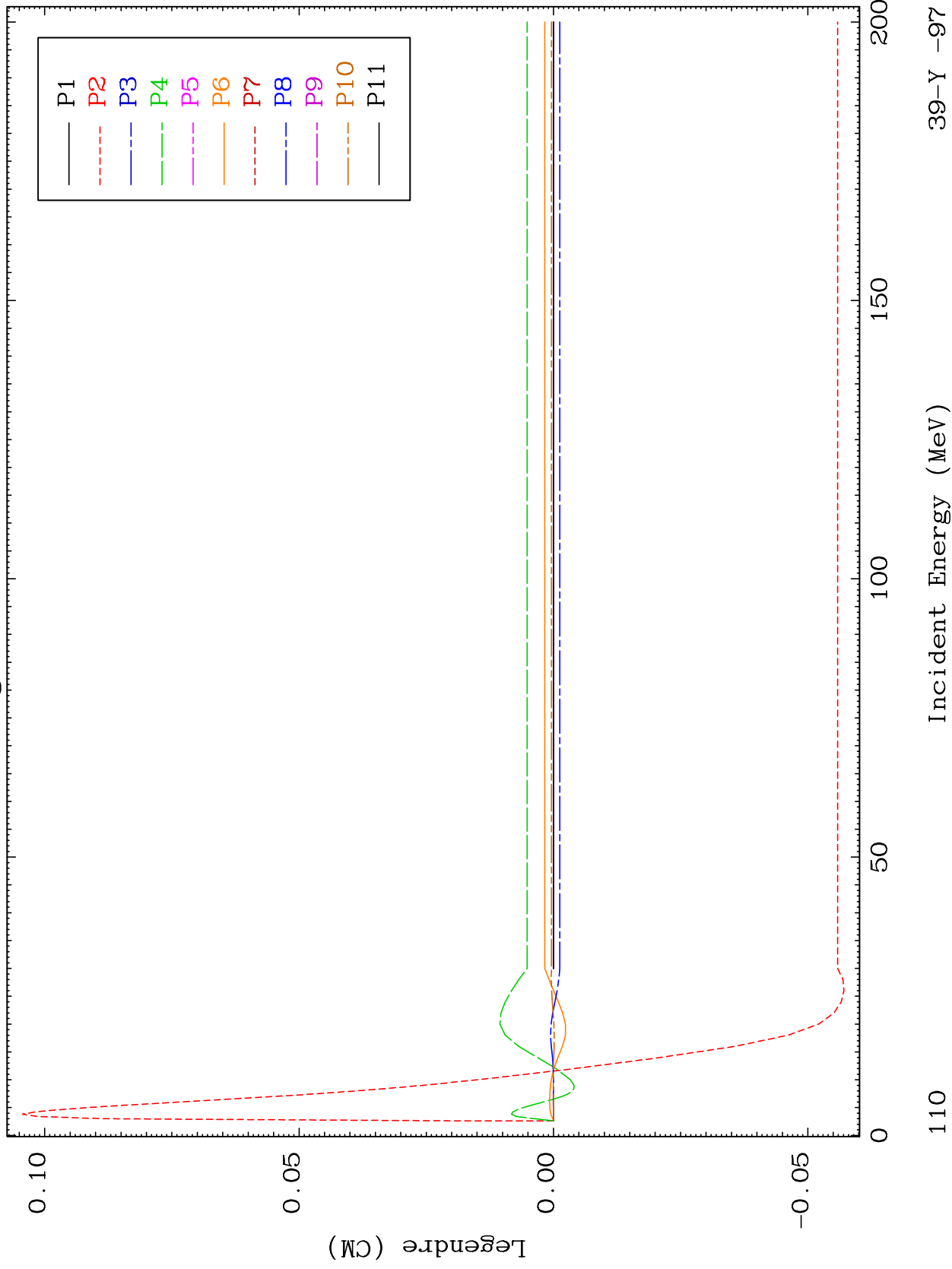
39-Y -97



MAT 3949

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

39-Y -97



39-Y -97

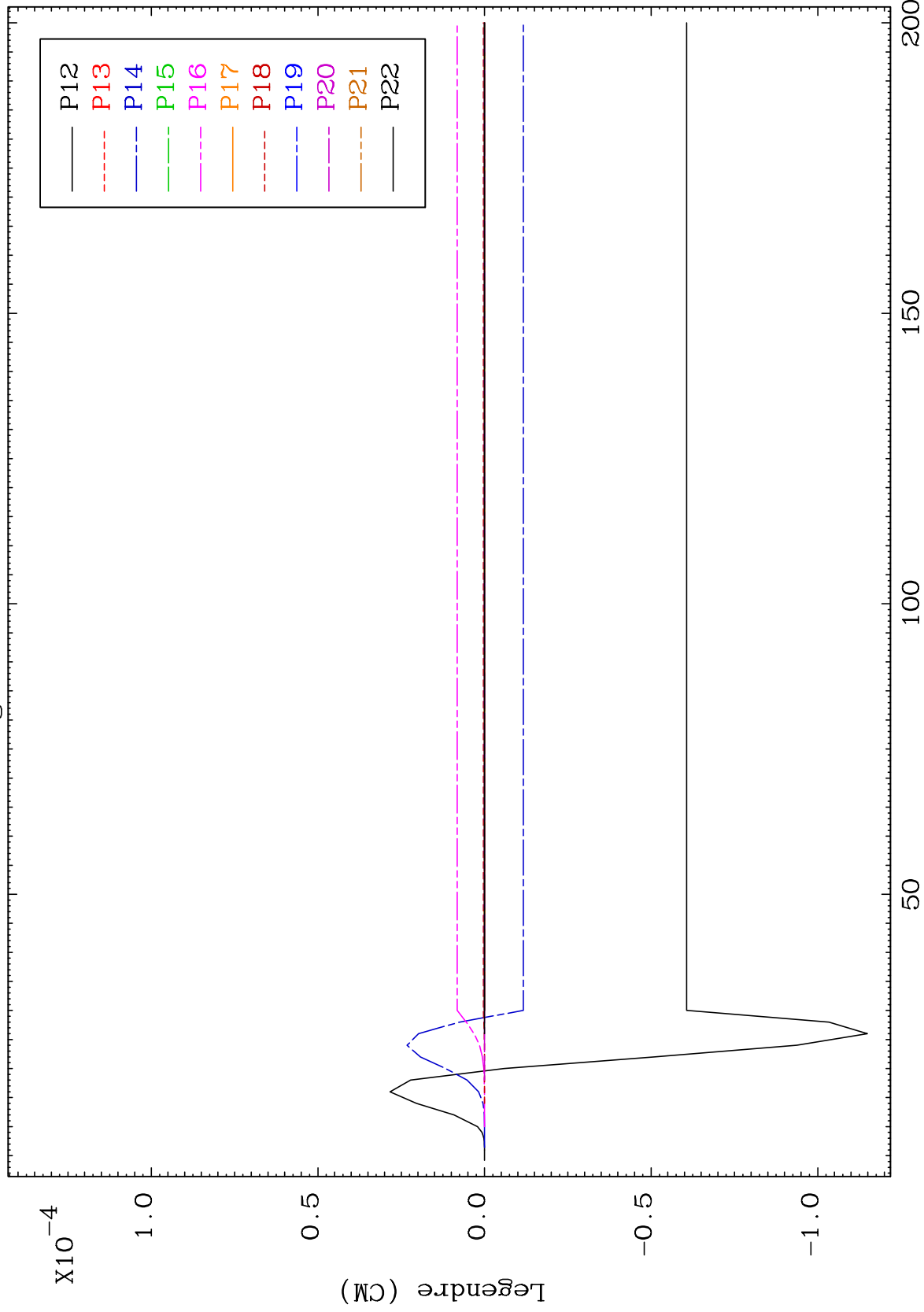
Incident Energy (MeV)

110

MAT 3949

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

39-Y -97



111

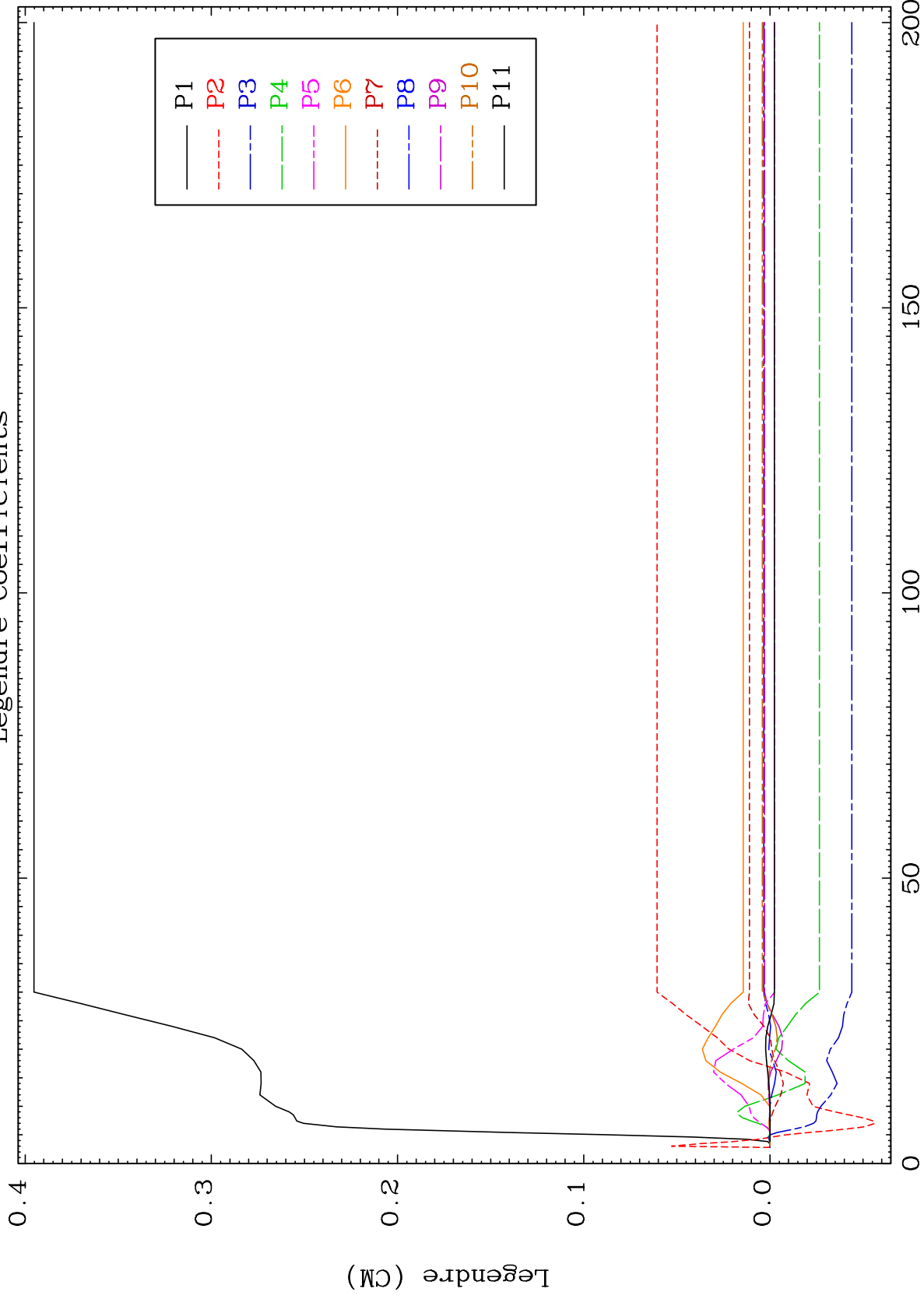
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



112

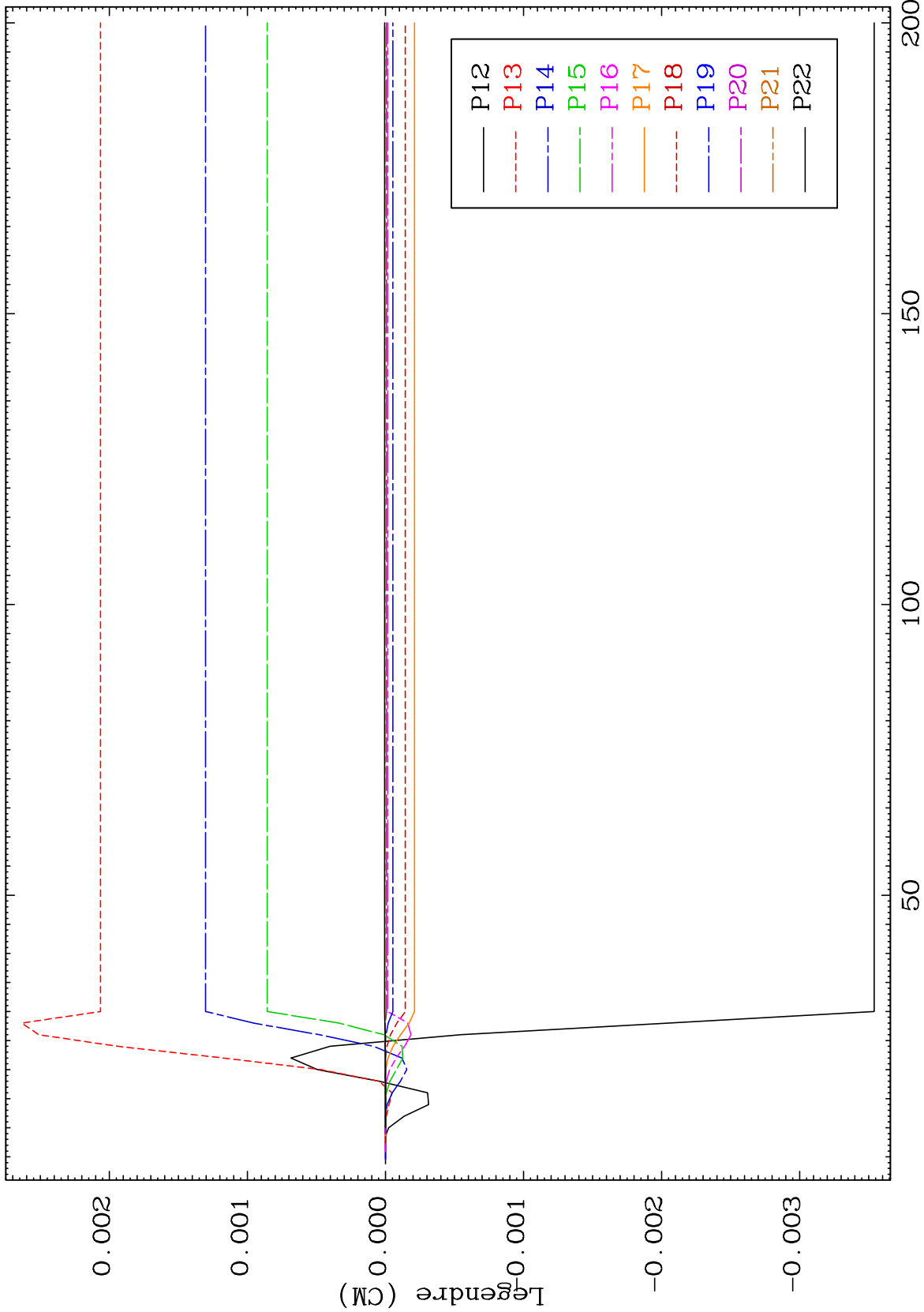
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



113

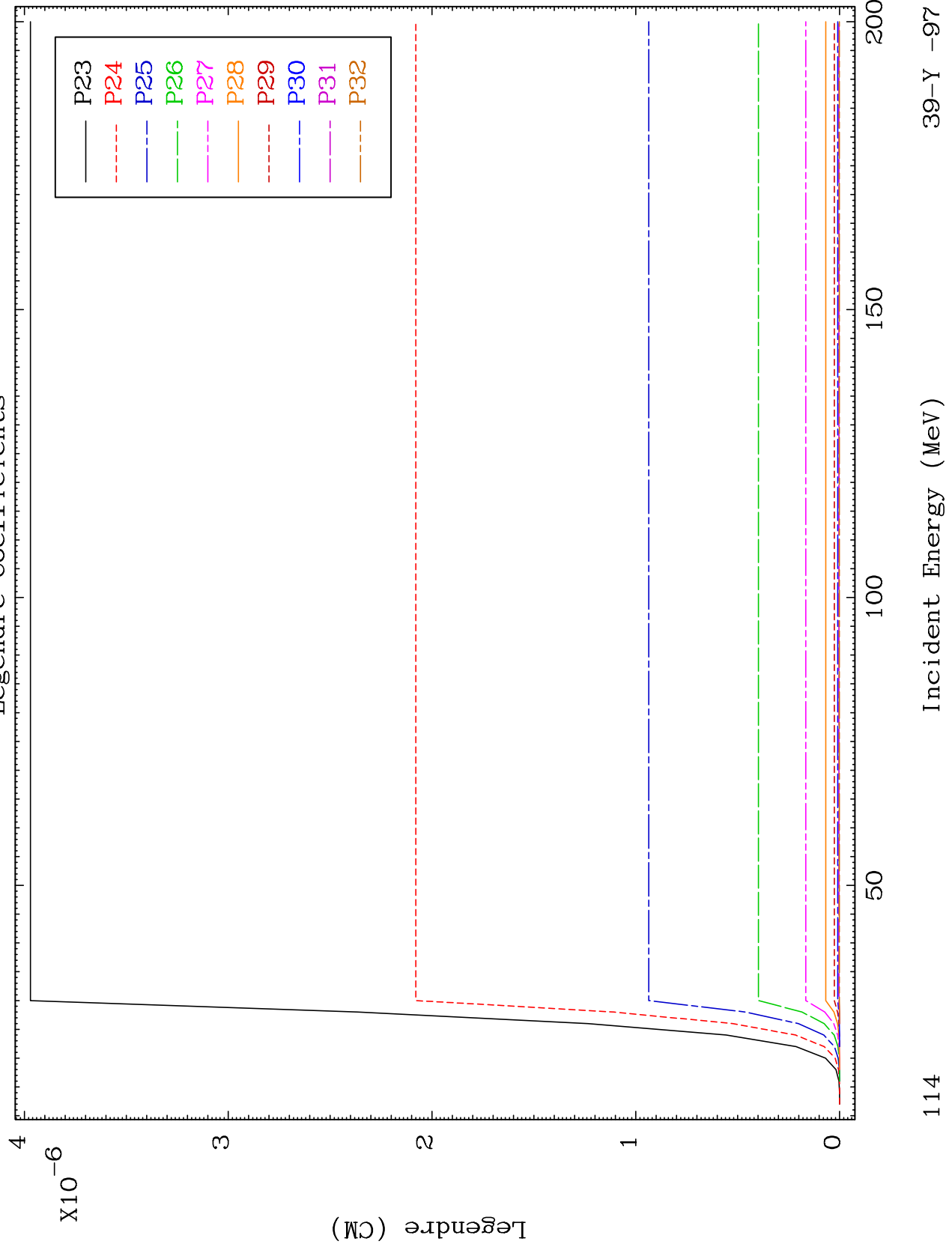
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



114

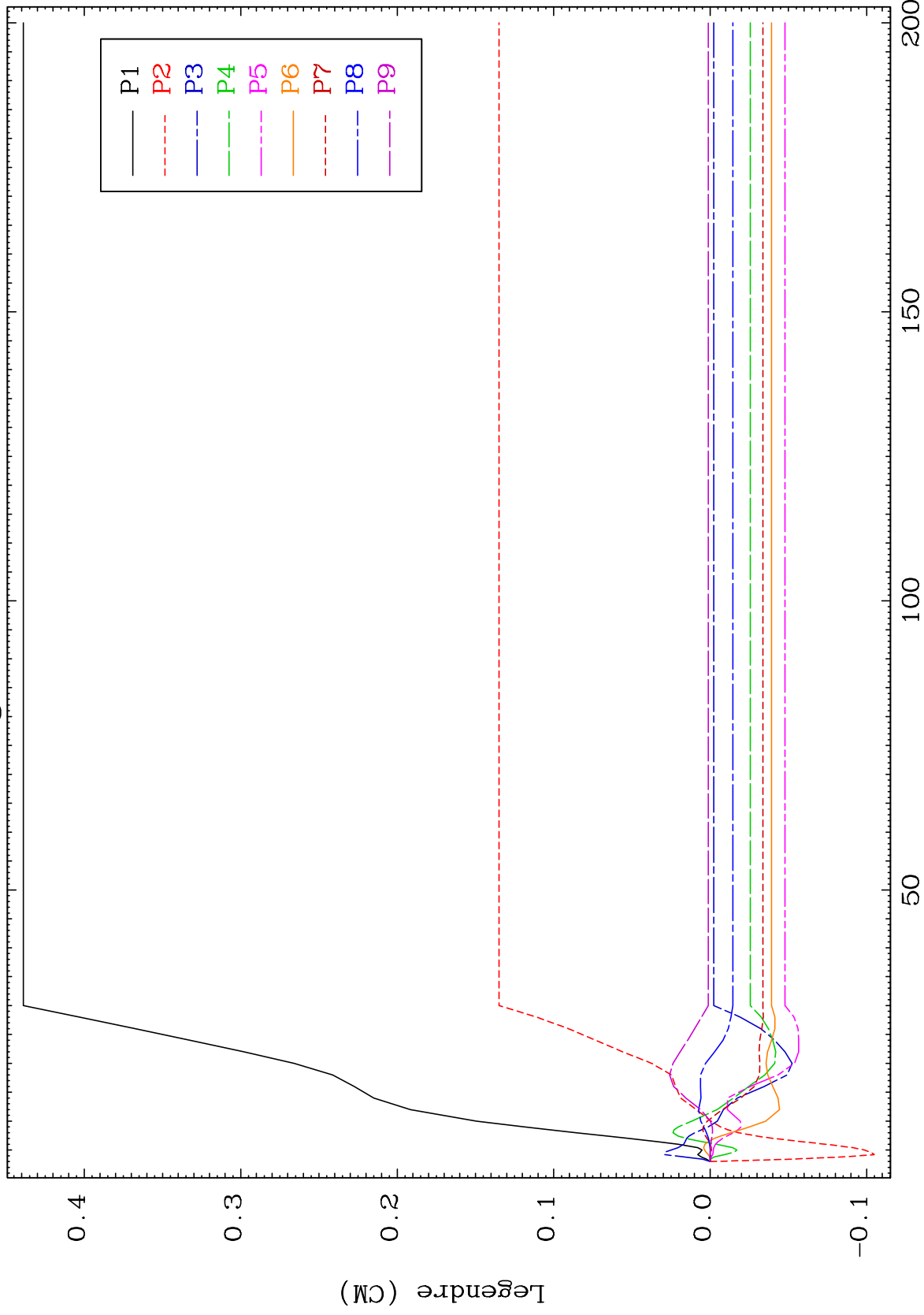
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



115

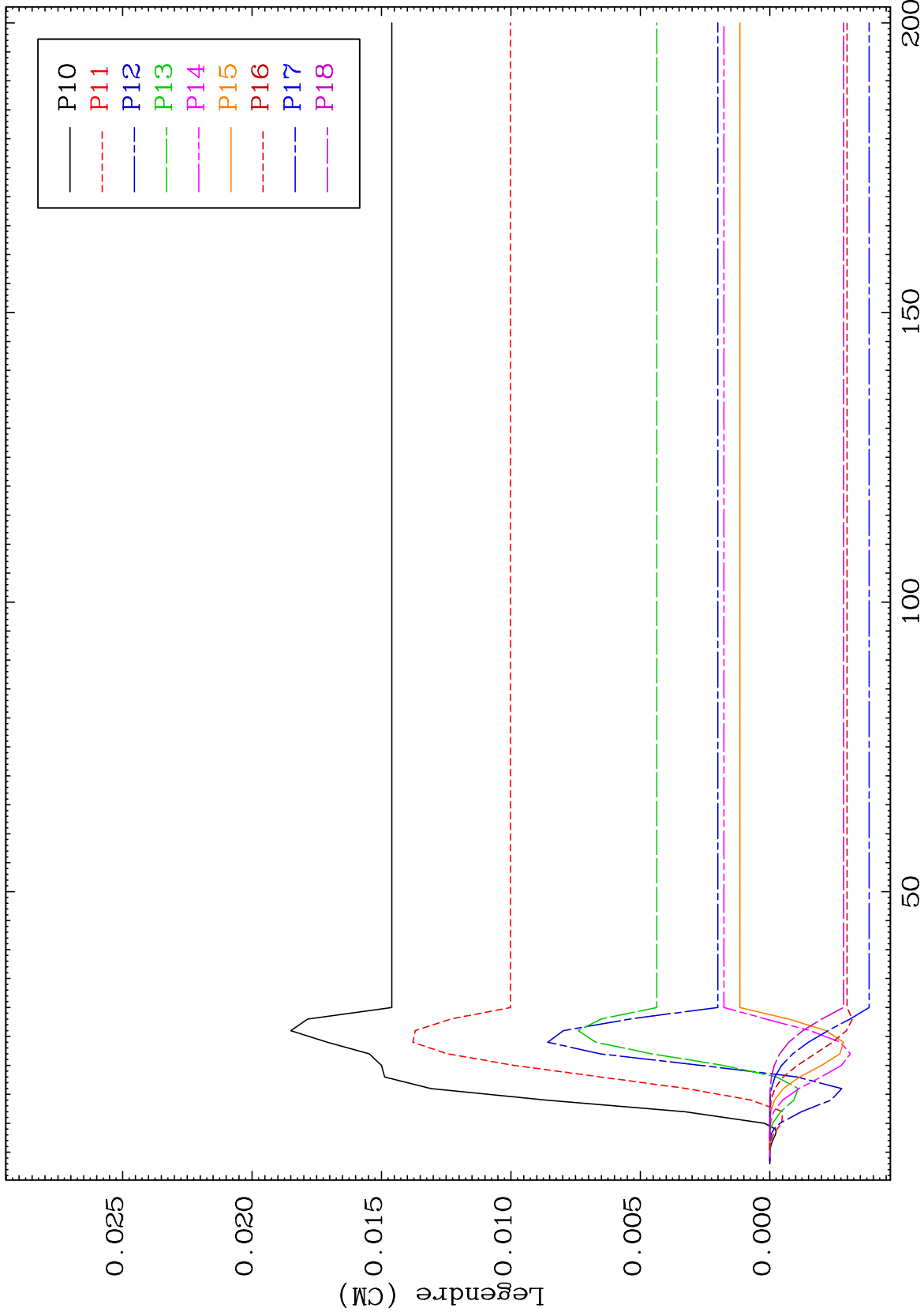
Incident Energy (MeV)

39-Y -97

MAT 3949

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

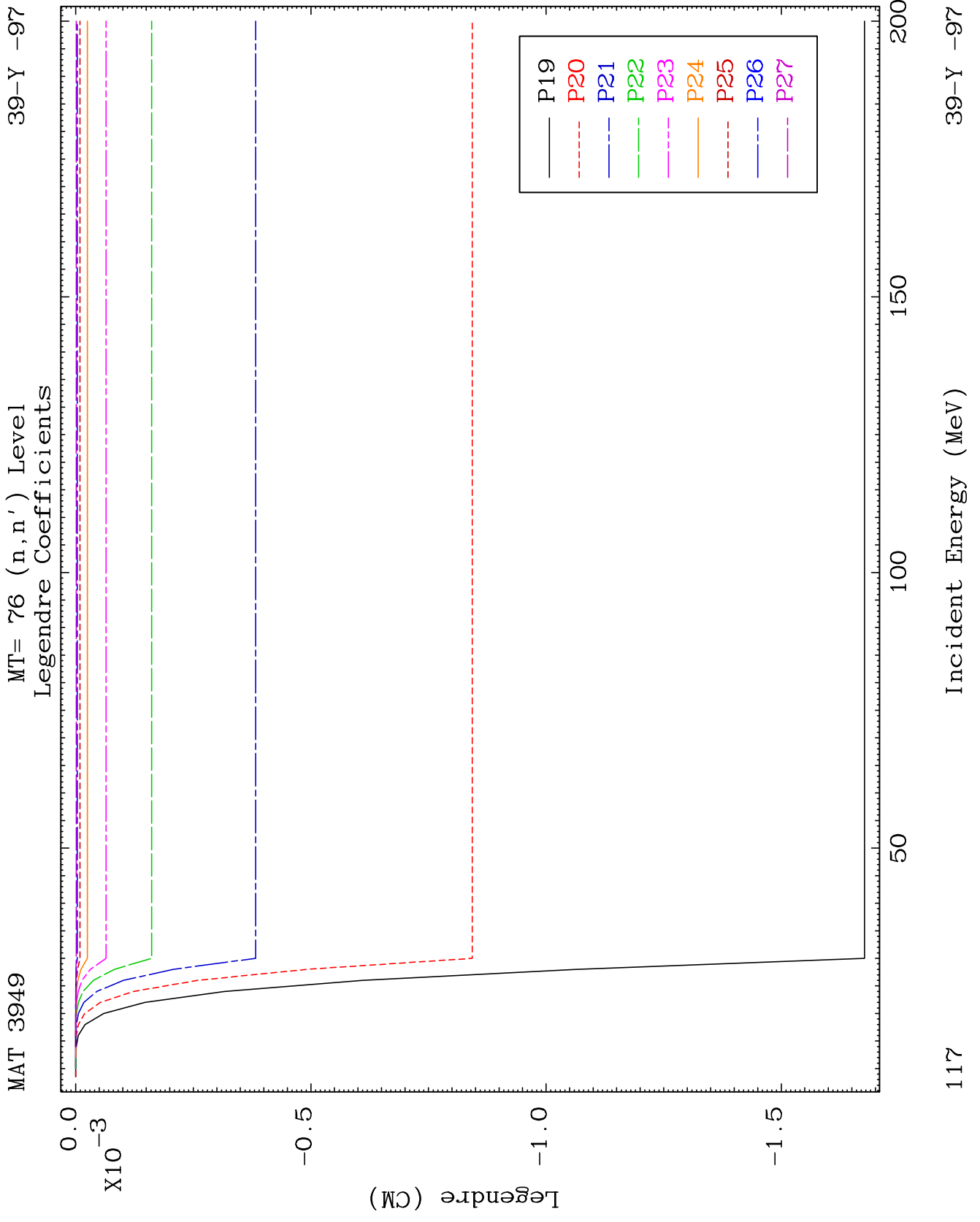
39-Y -97

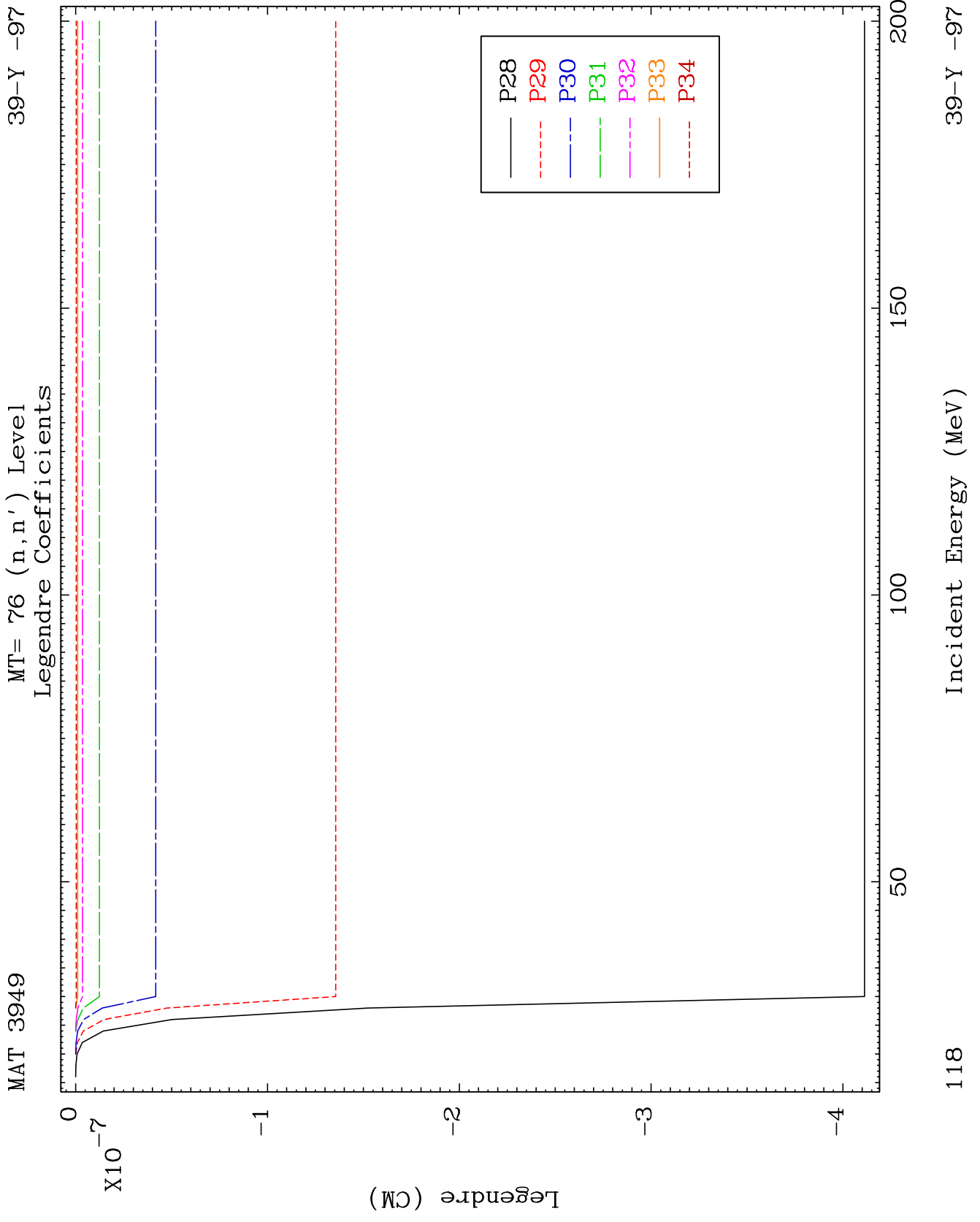


116

Incident Energy (MeV)

39-Y -97

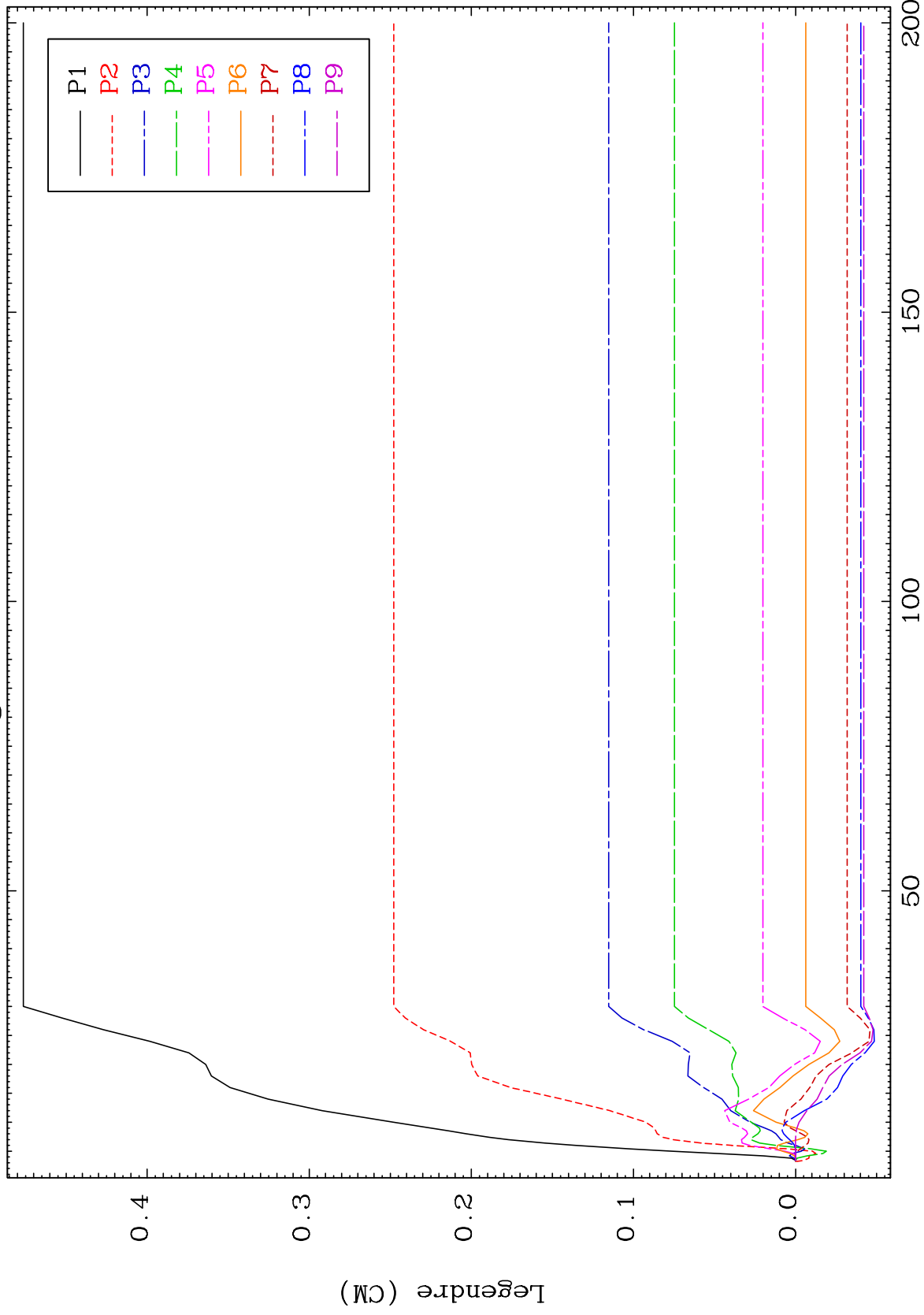




MAT 3949

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

39-Y -97



119

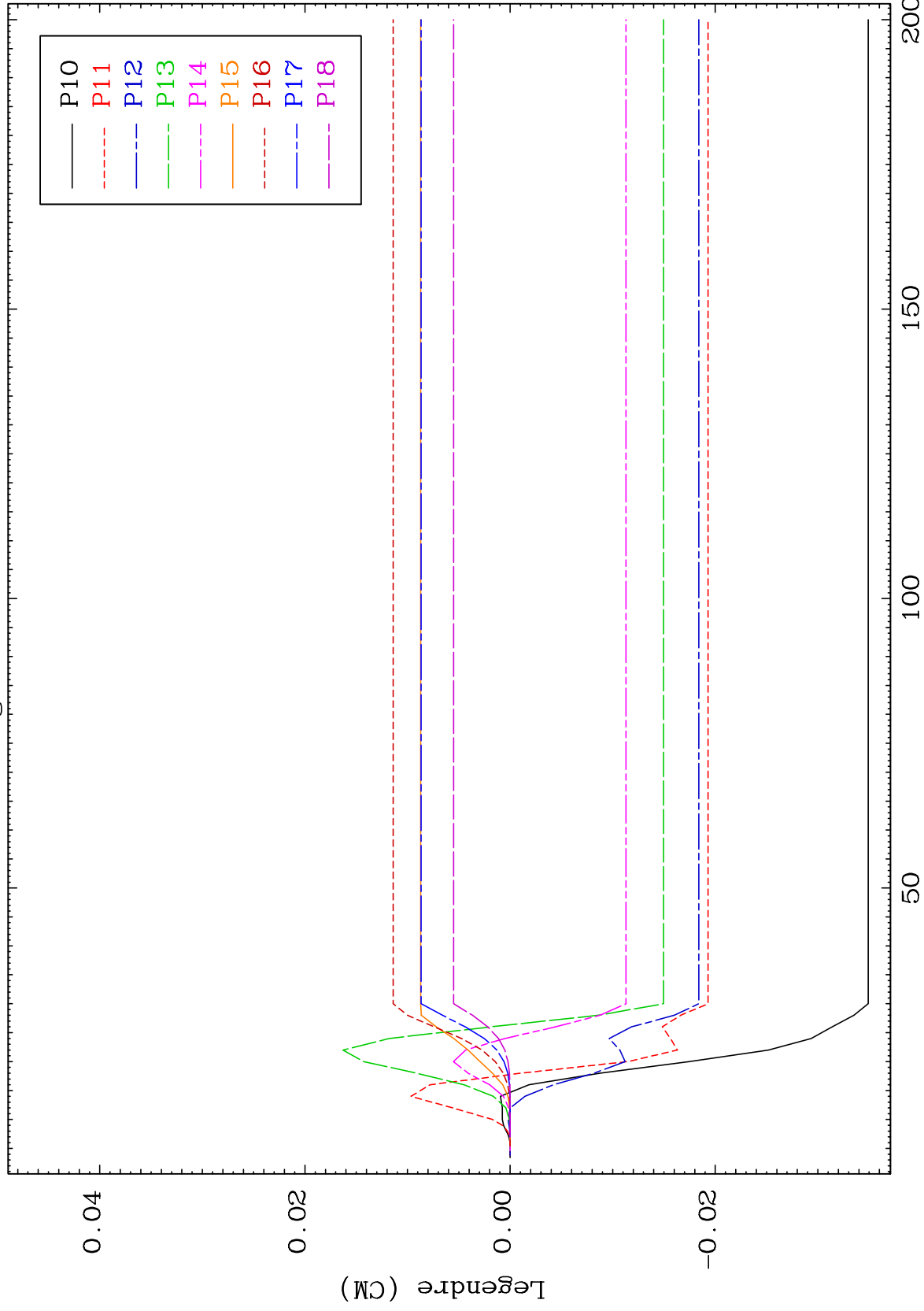
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



120

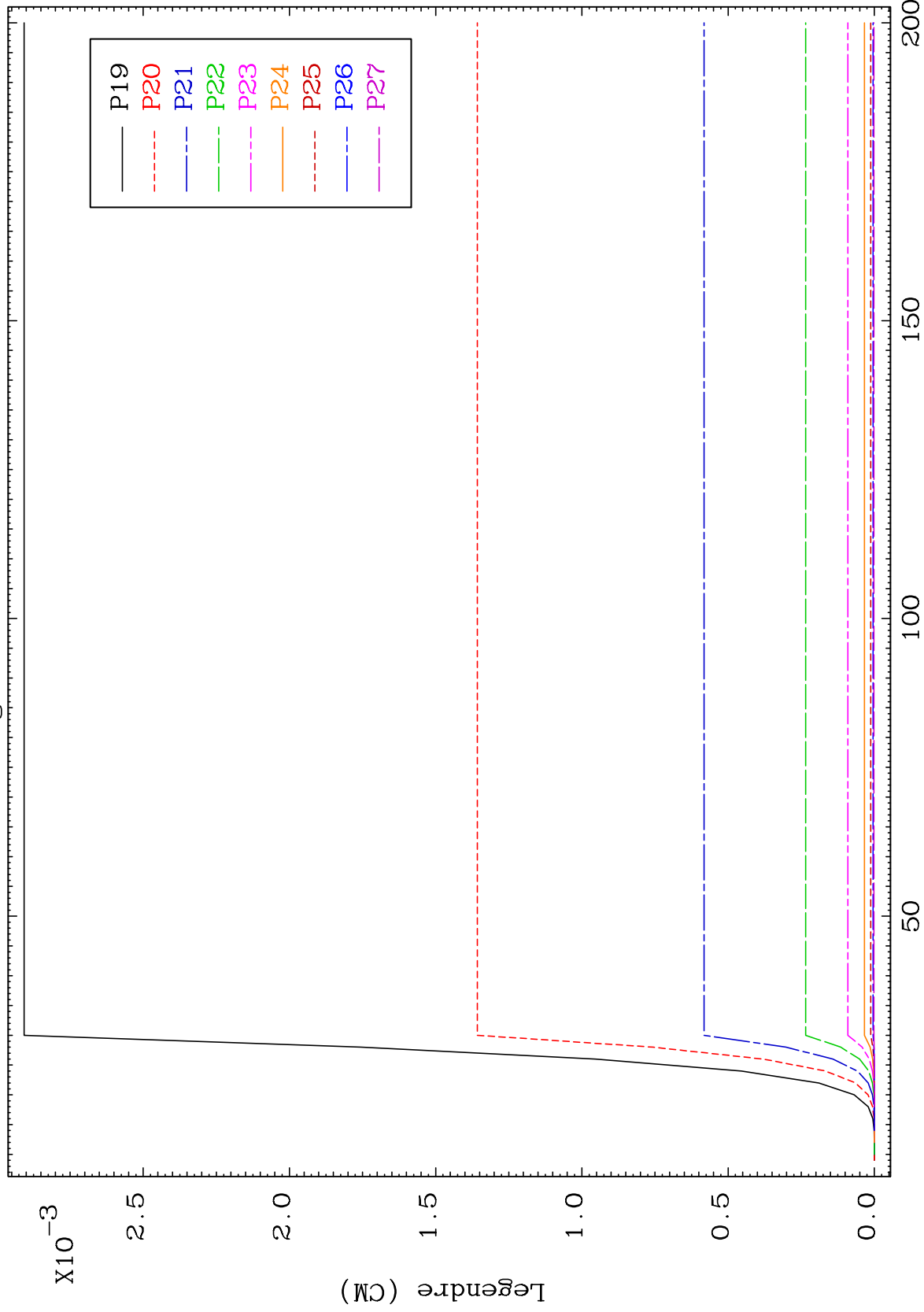
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



121

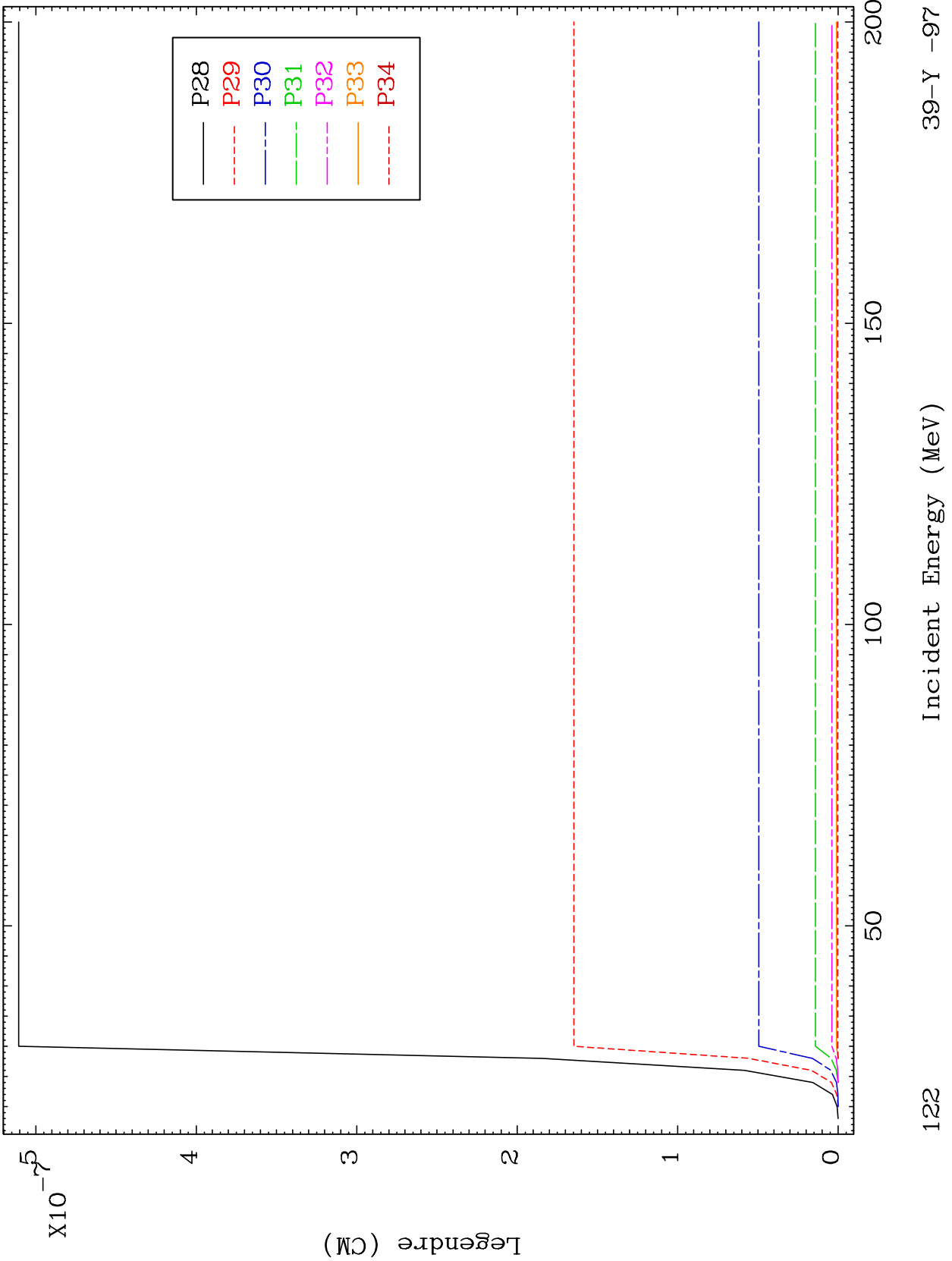
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



122

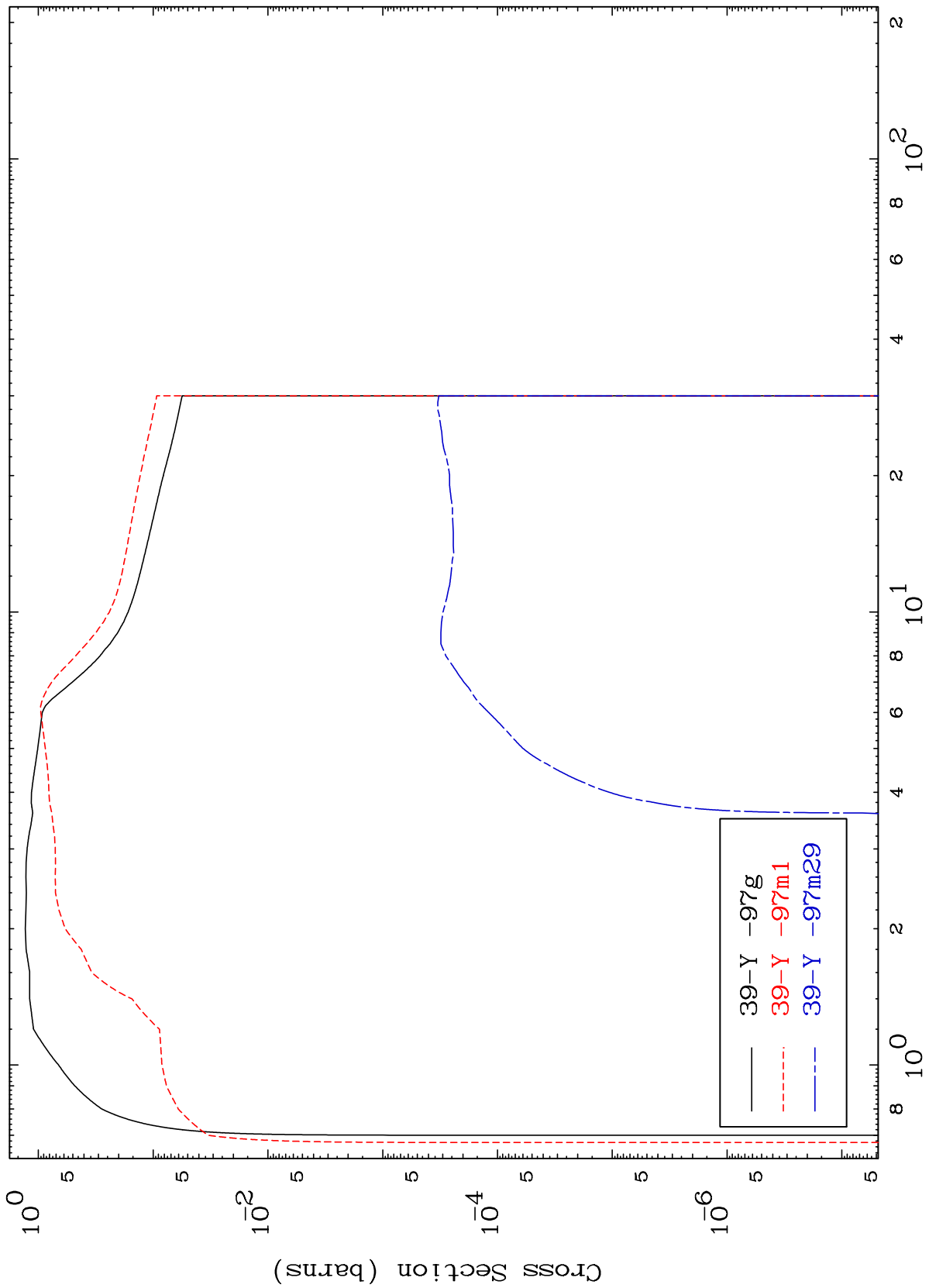
Incident Energy (MeV)

39-Y -97

MAT 3949

39-Y -97

Inelastic Radionuclide Production Cross Section



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

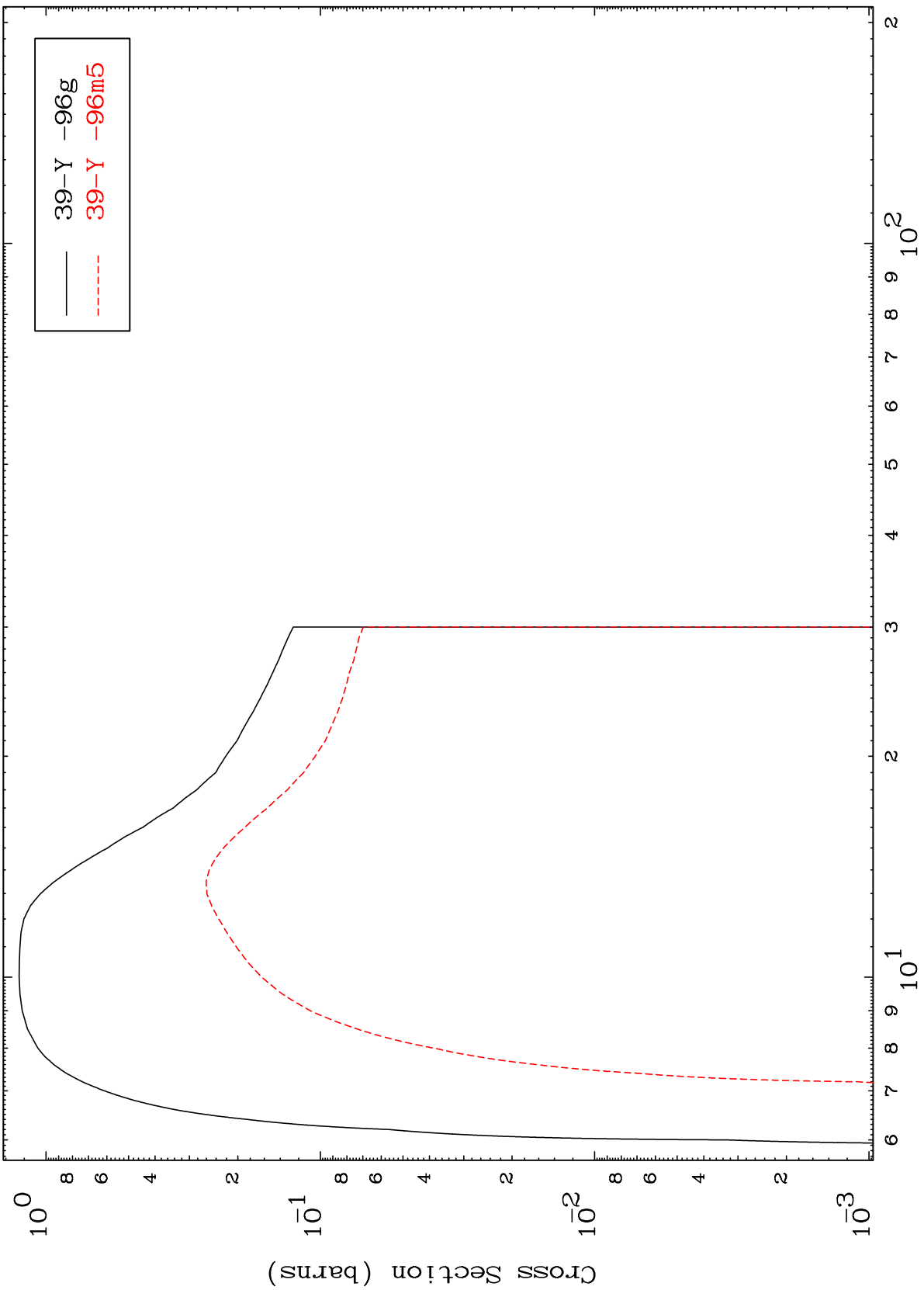
39-Y -97

Incident Energy (MeV)

MAT 3949

39-Y -97

(n,2n)
Radionuclide Production Cross Section



39-Y -97

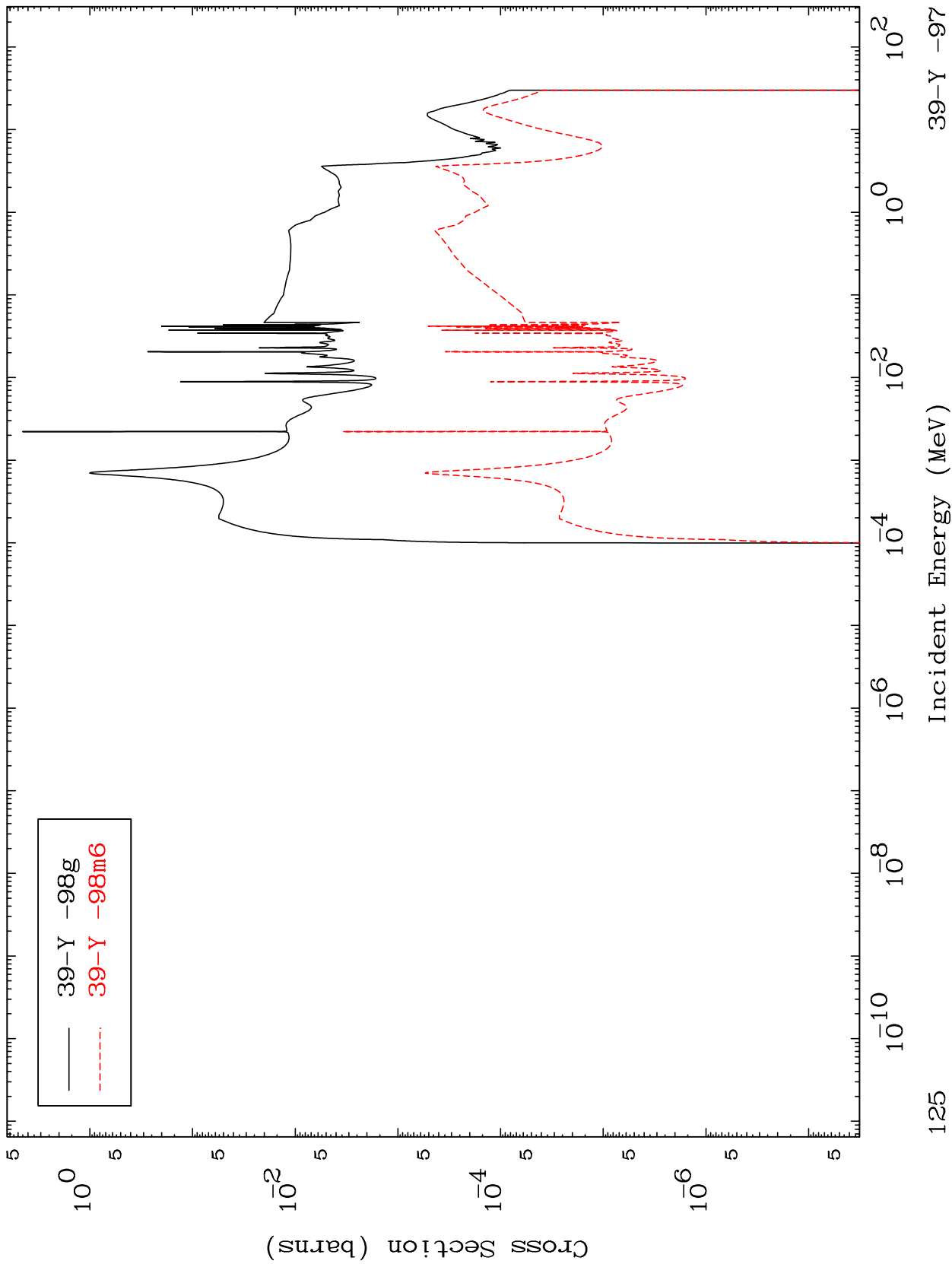
Incident Energy (MeV)

124

MAT 3949

39-Y -97

Radionuclide Production Cross Section



125

39-Y -97