

Program EVALPLOT
(Version 2018-1)

by

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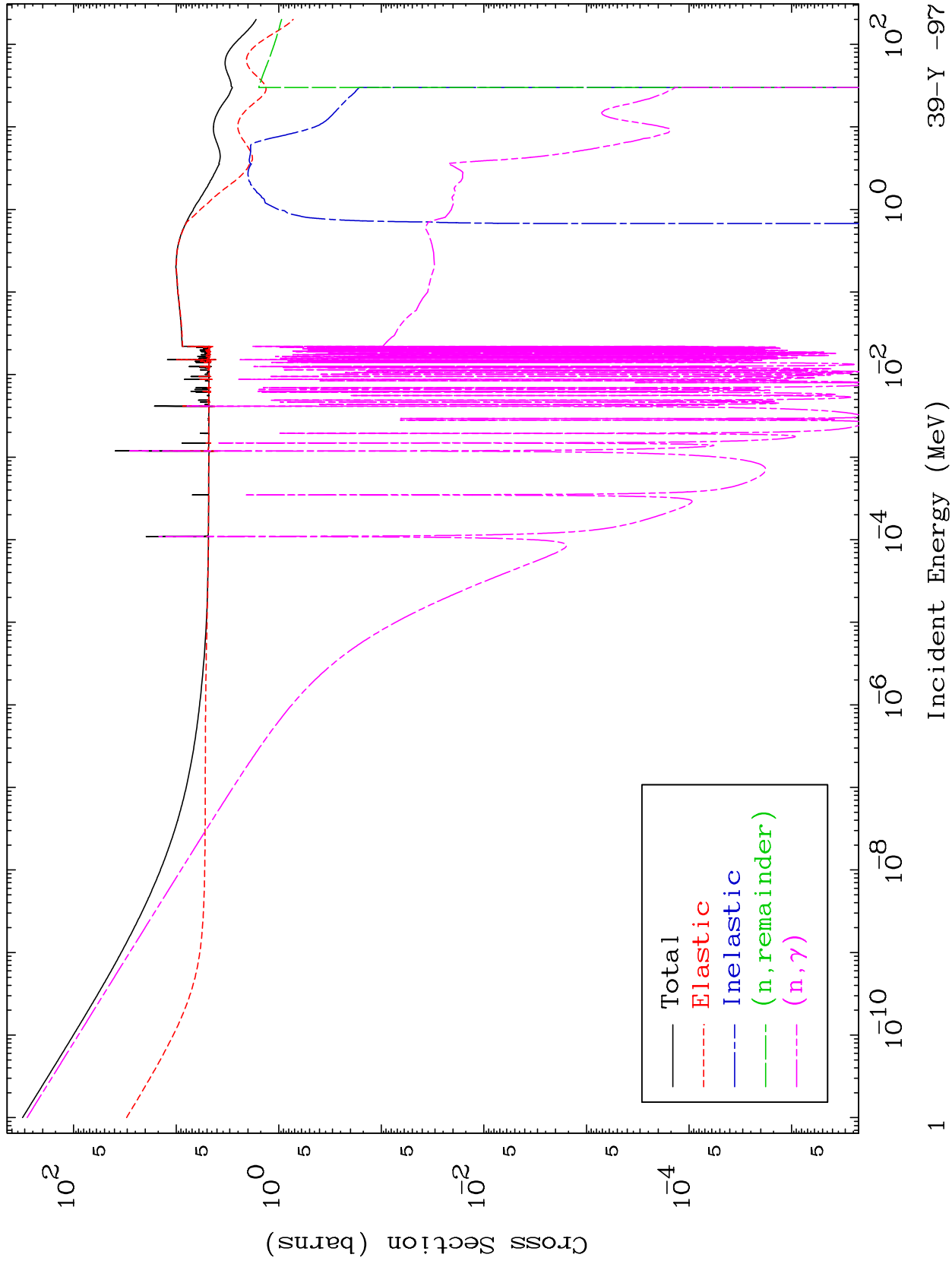
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3949

Major
293 Kelvin Cross Sections

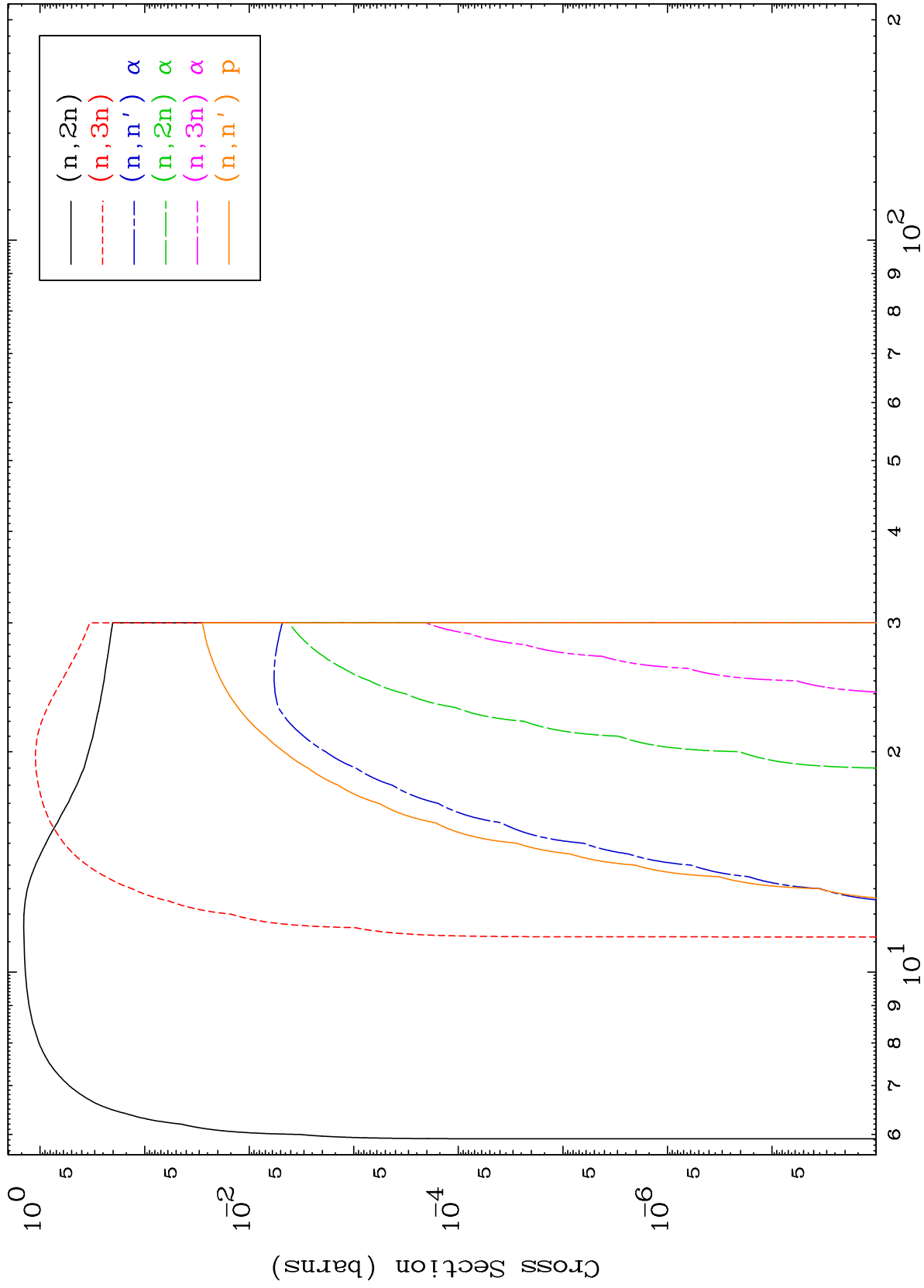
39-Y -97



MAT 3949

Neutron Production 293 Kelvin Cross Sections

39-Y -97



2

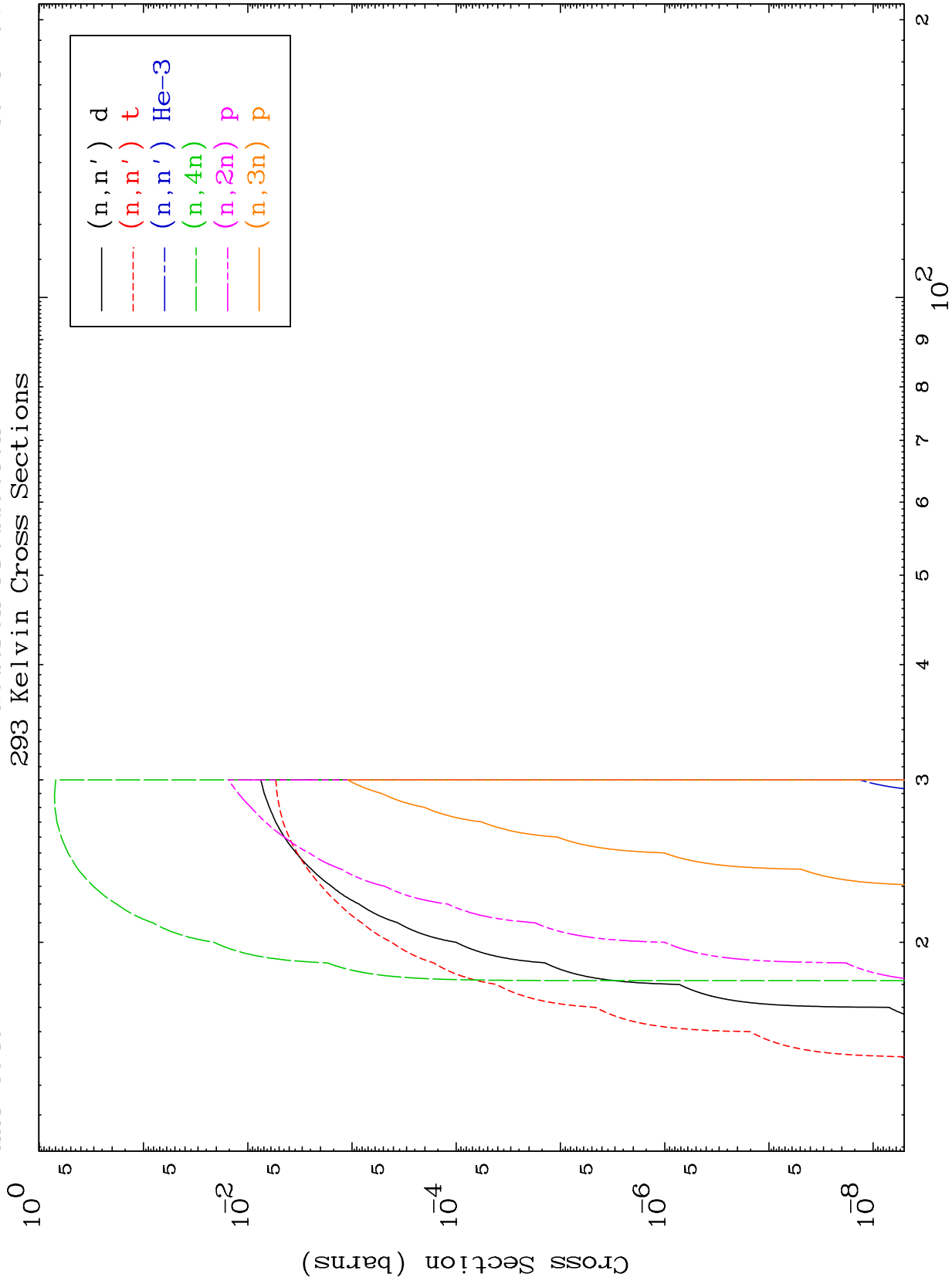
Incident Energy (MeV)

39-Y -97

MAT 3949

Neutron Production
293 Kelvin Cross Sections

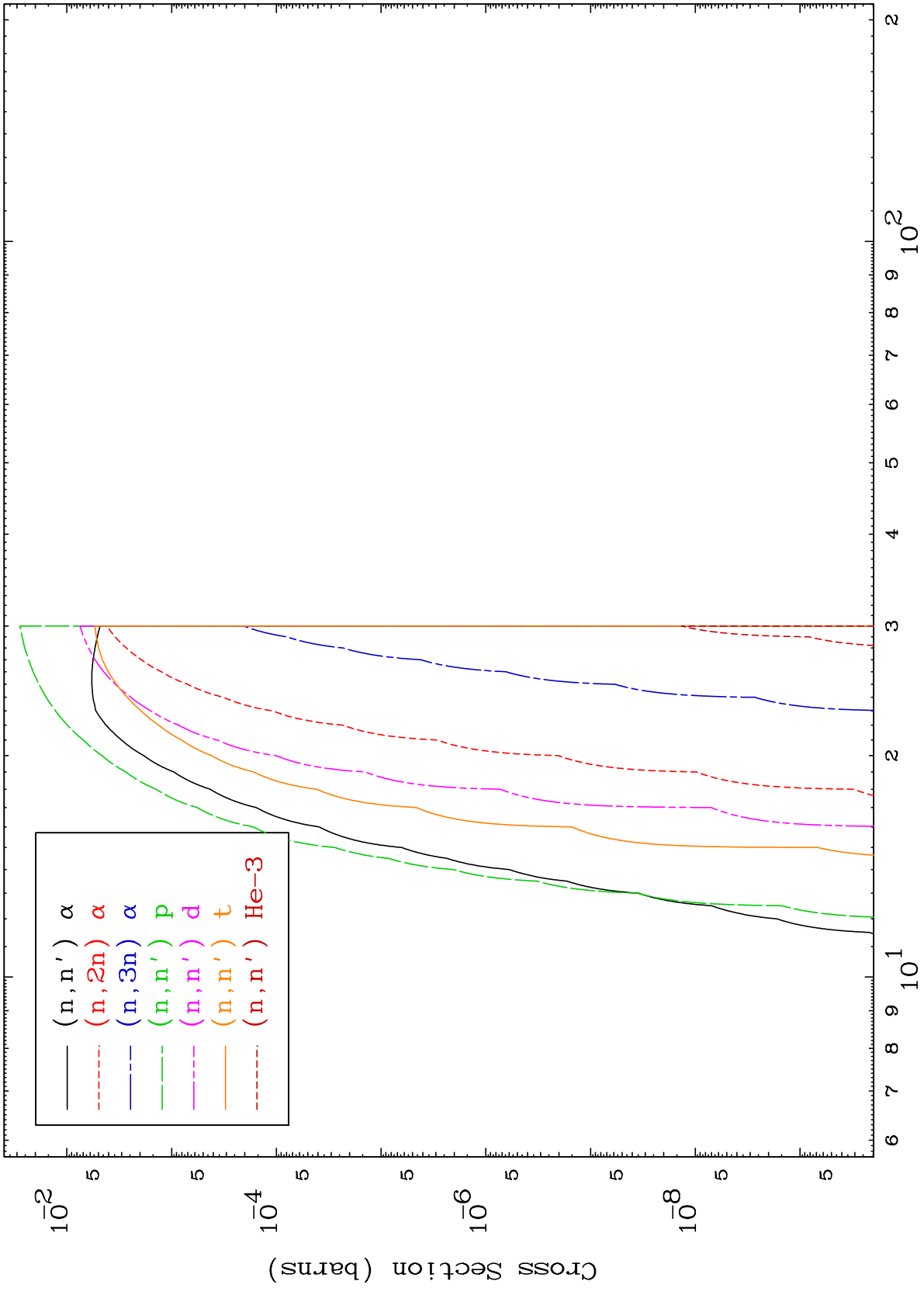
39-Y -97

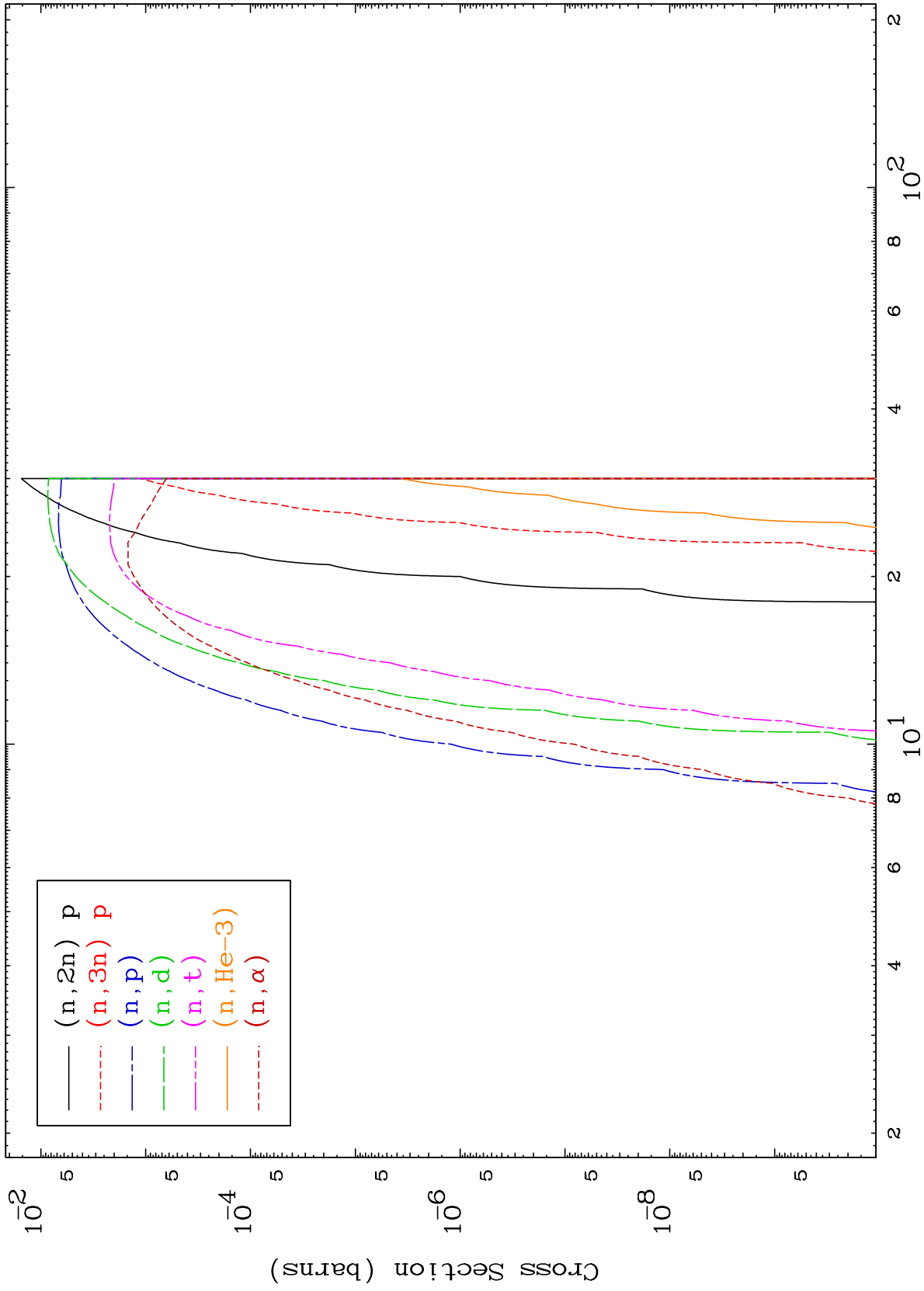


3

Incident Energy (MeV)

39-Y -97

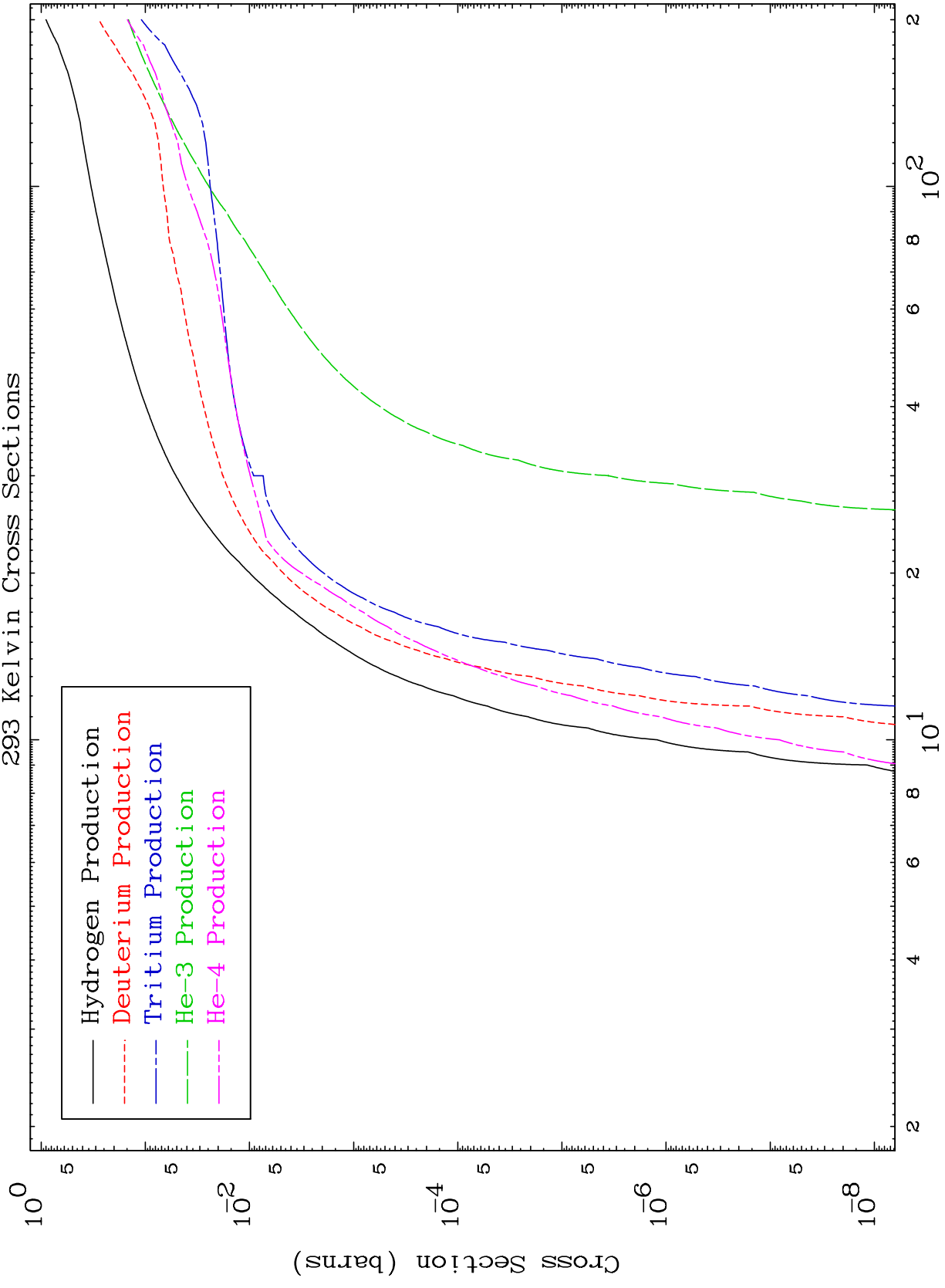




MAT 3949

Particle Production
293 Kelvin Cross Sections

39-Y -97



6

Incident Energy (MeV)

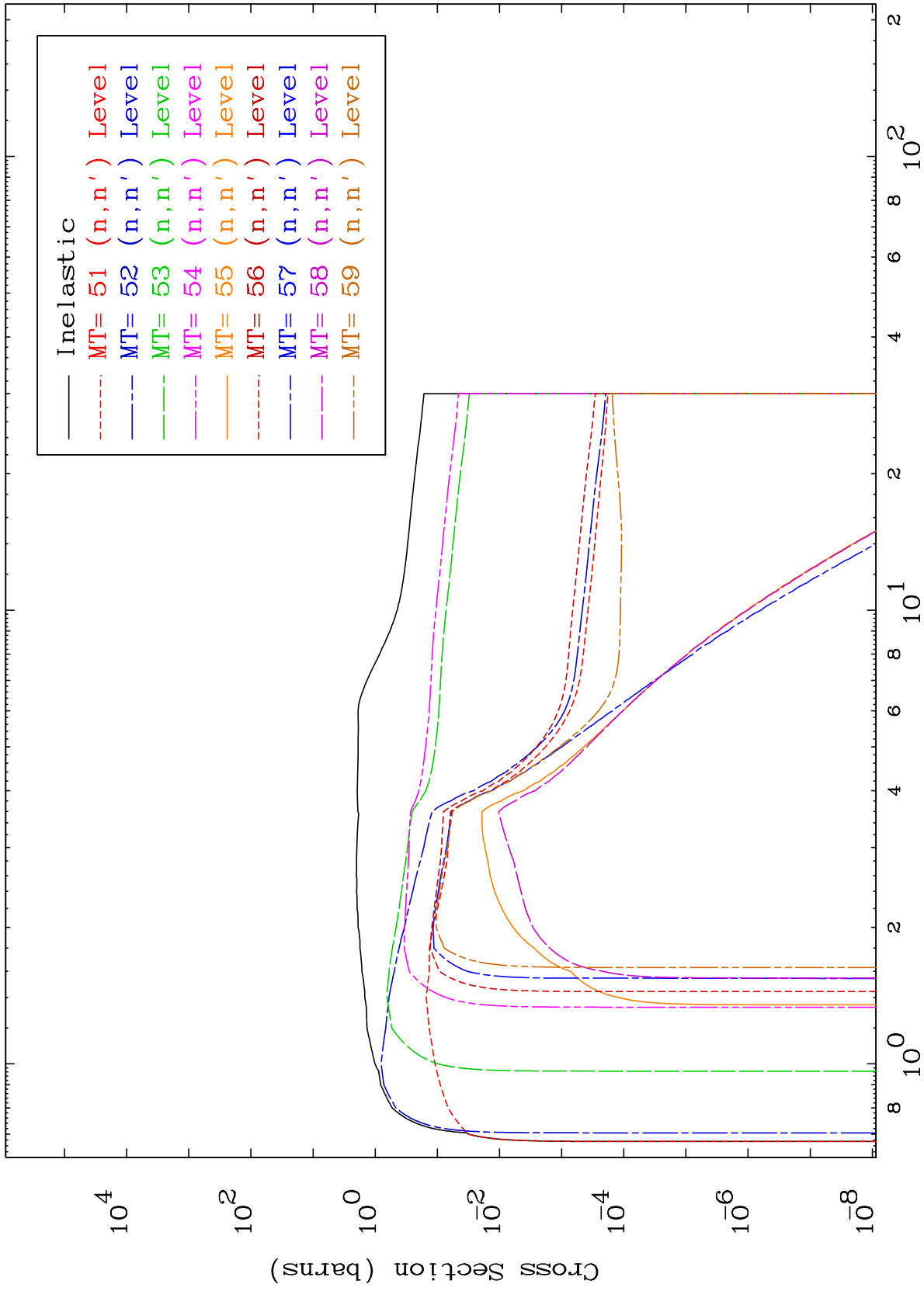
39-Y -97

MAT 3949

(n,n') Level

39-Y -97

293 Kelvin Cross Sections



7

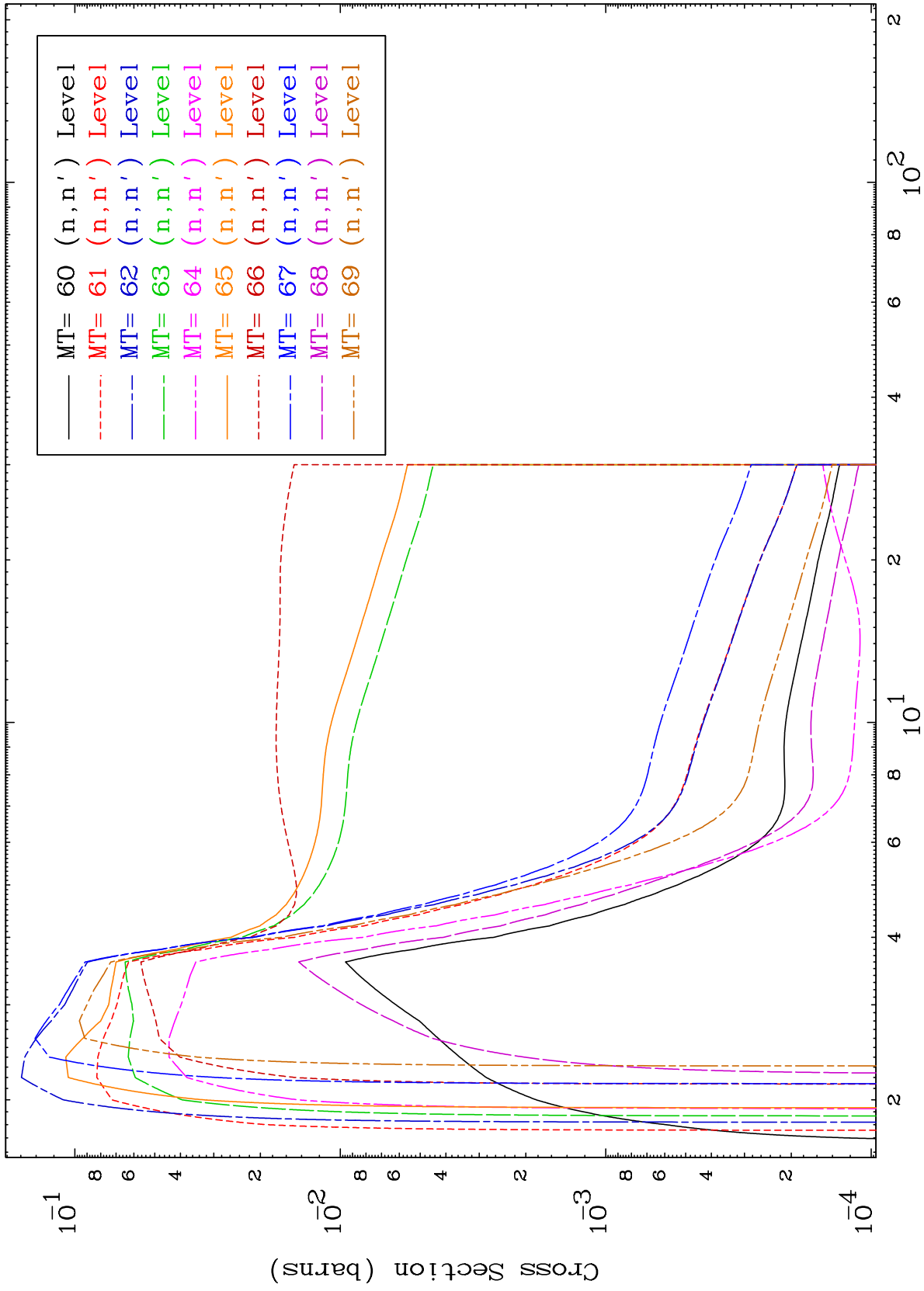
Incident Energy (MeV)

39-Y -97

MAT 3949

(n,n') Level
293 Kelvin Cross Sections

39-Y -97



8

Incident Energy (MeV)

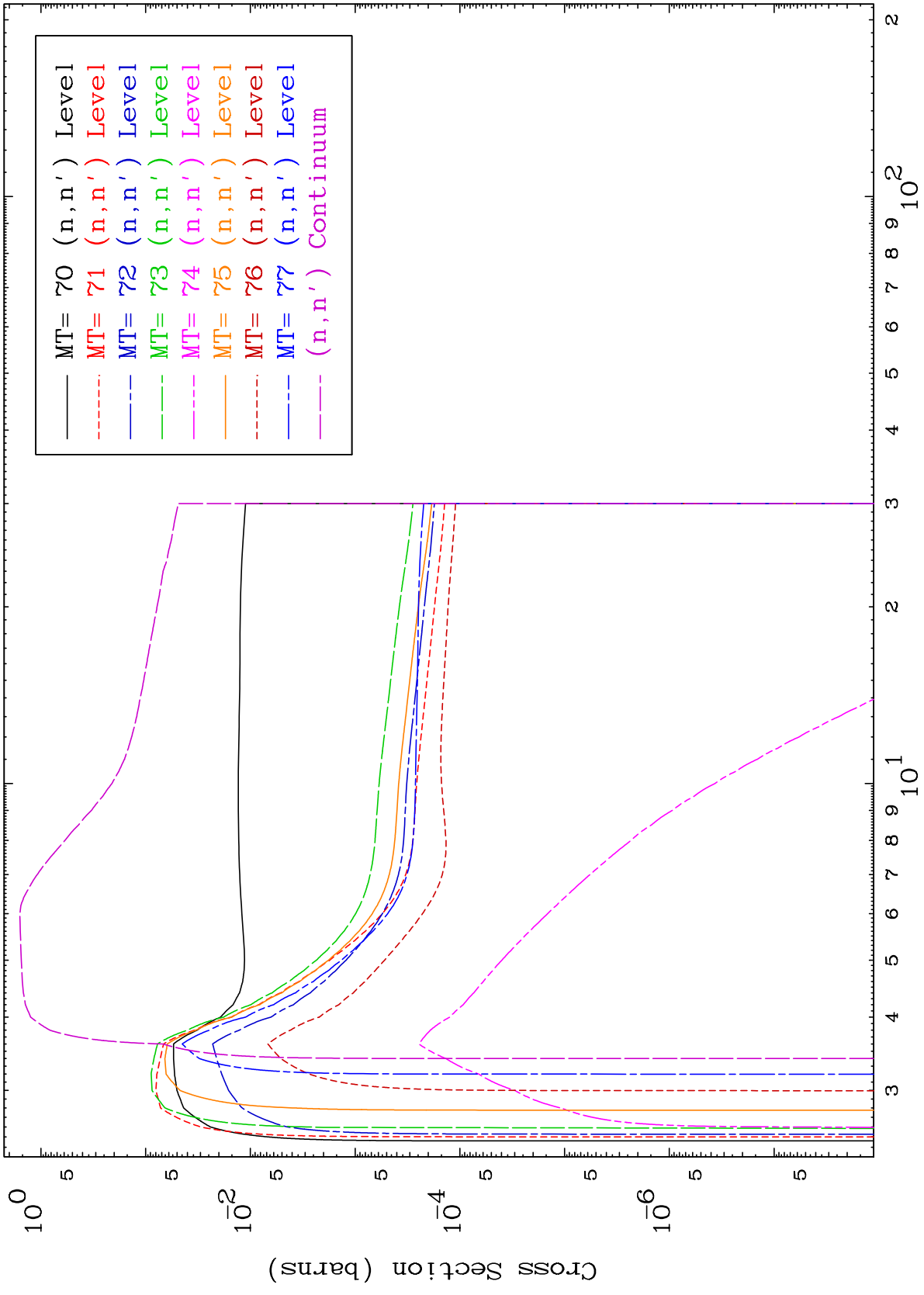
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MAT 3949

(n,n') Level

39-Y -97

293 Kelvin Cross Sections



9

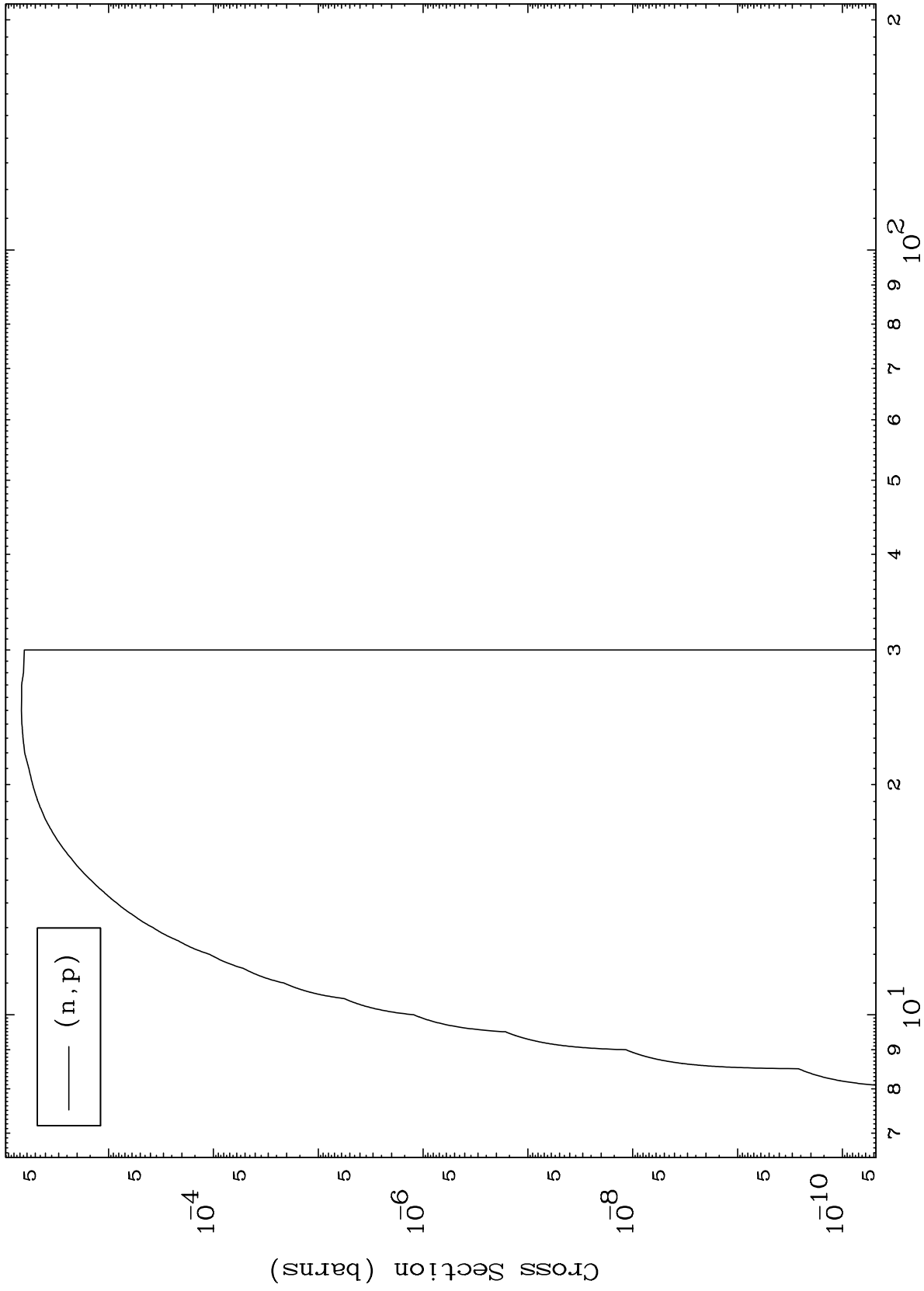
Incident Energy (MeV)

39-Y -97

MAT 3949

(n,p) Levels
293 Kelvin Cross Sections

39-Y -97



10

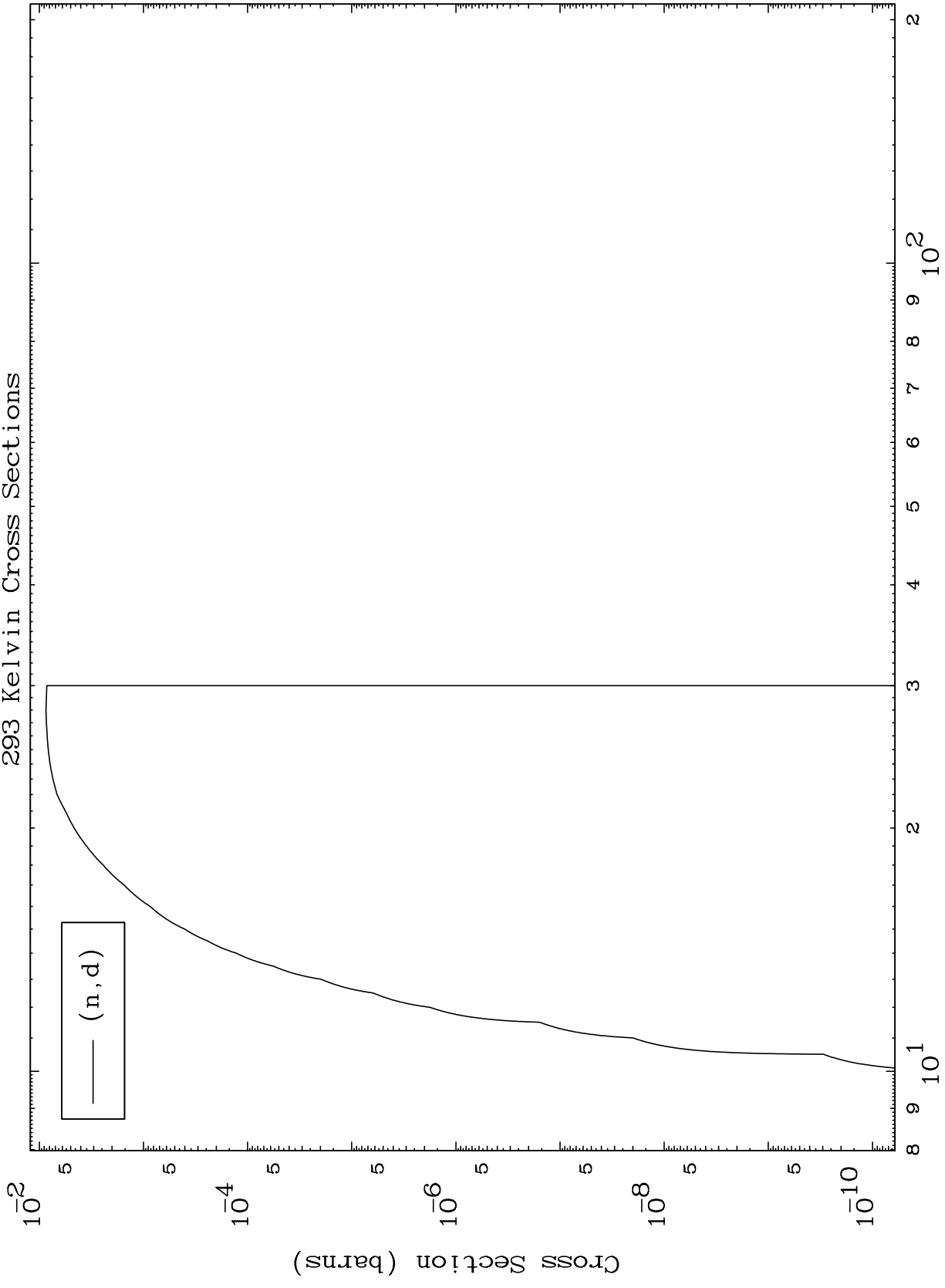
Incident Energy (MeV)

39-Y -97

MAT 3949

(n,d) Levels
293 Kelvin Cross Sections

39-Y -97



11

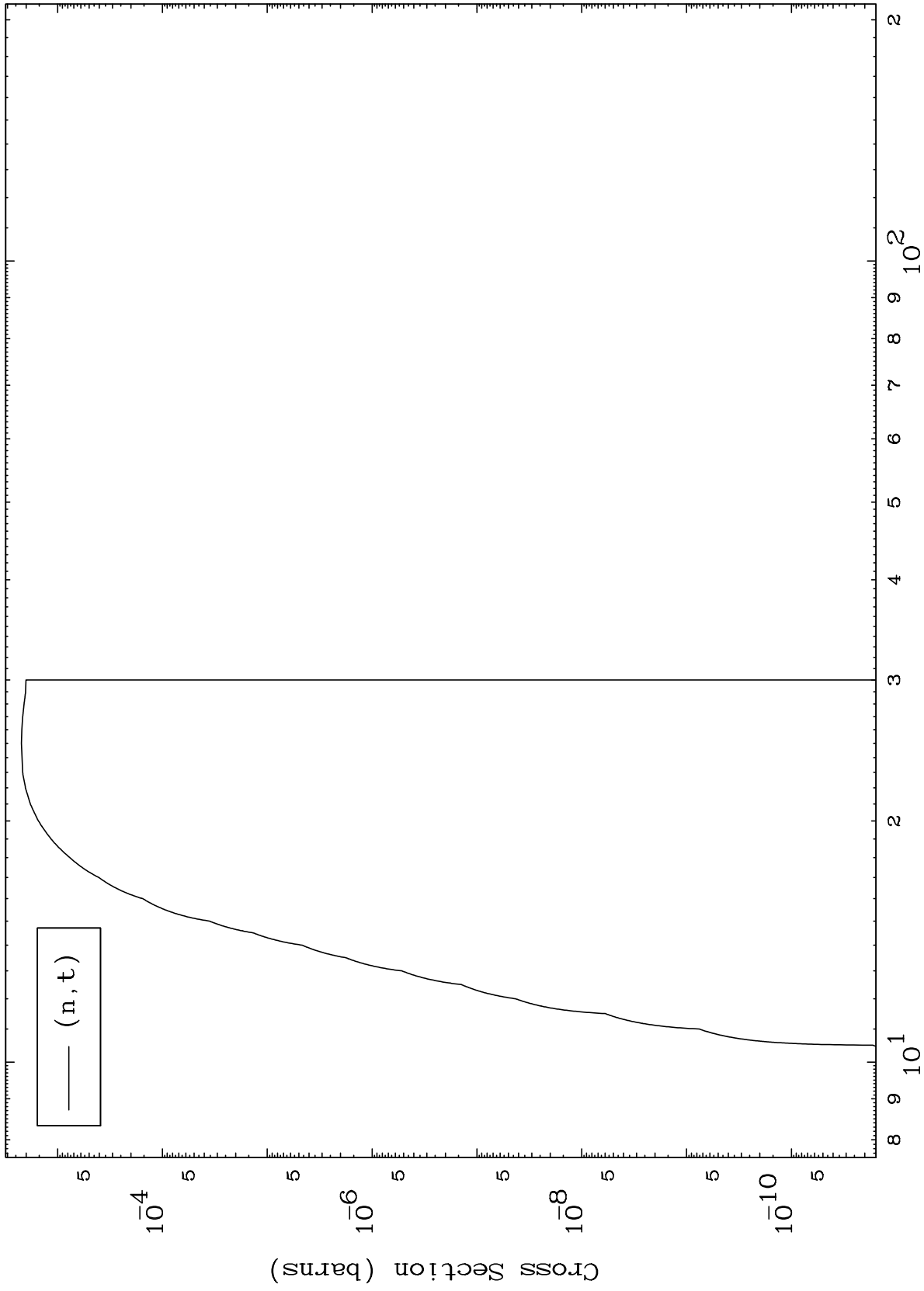
Incident Energy (MeV)

39-Y -97

MAT 3949

(n,t) Levels
293 Kelvin Cross Sections

39-Y -97



12

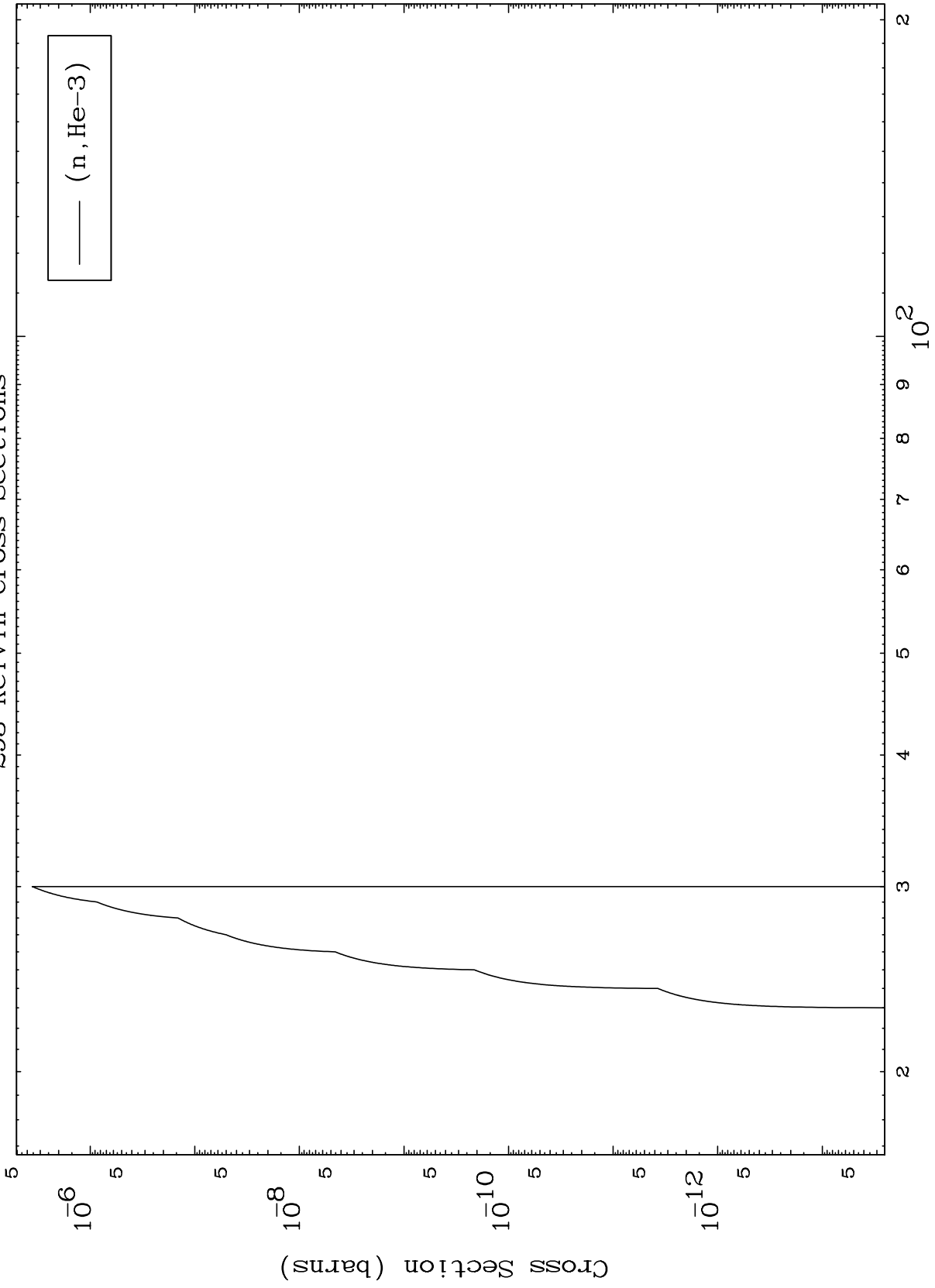
Incident Energy (MeV)

39-Y -97

MAT 3949

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -97



13

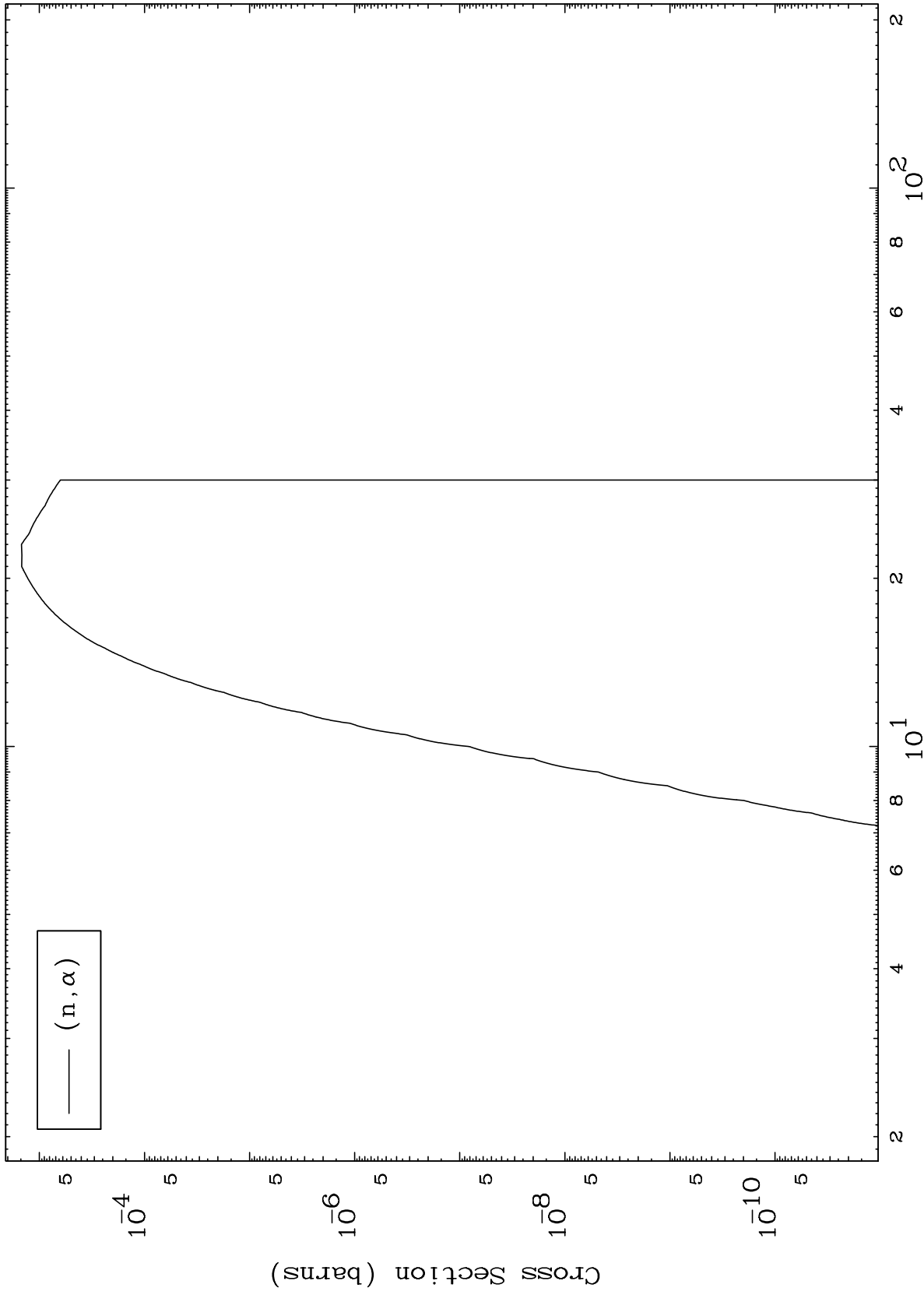
Incident Energy (MeV)

39-Y -97

MAT 3949

(n,α) Levels
293 Kelvin Cross Sections

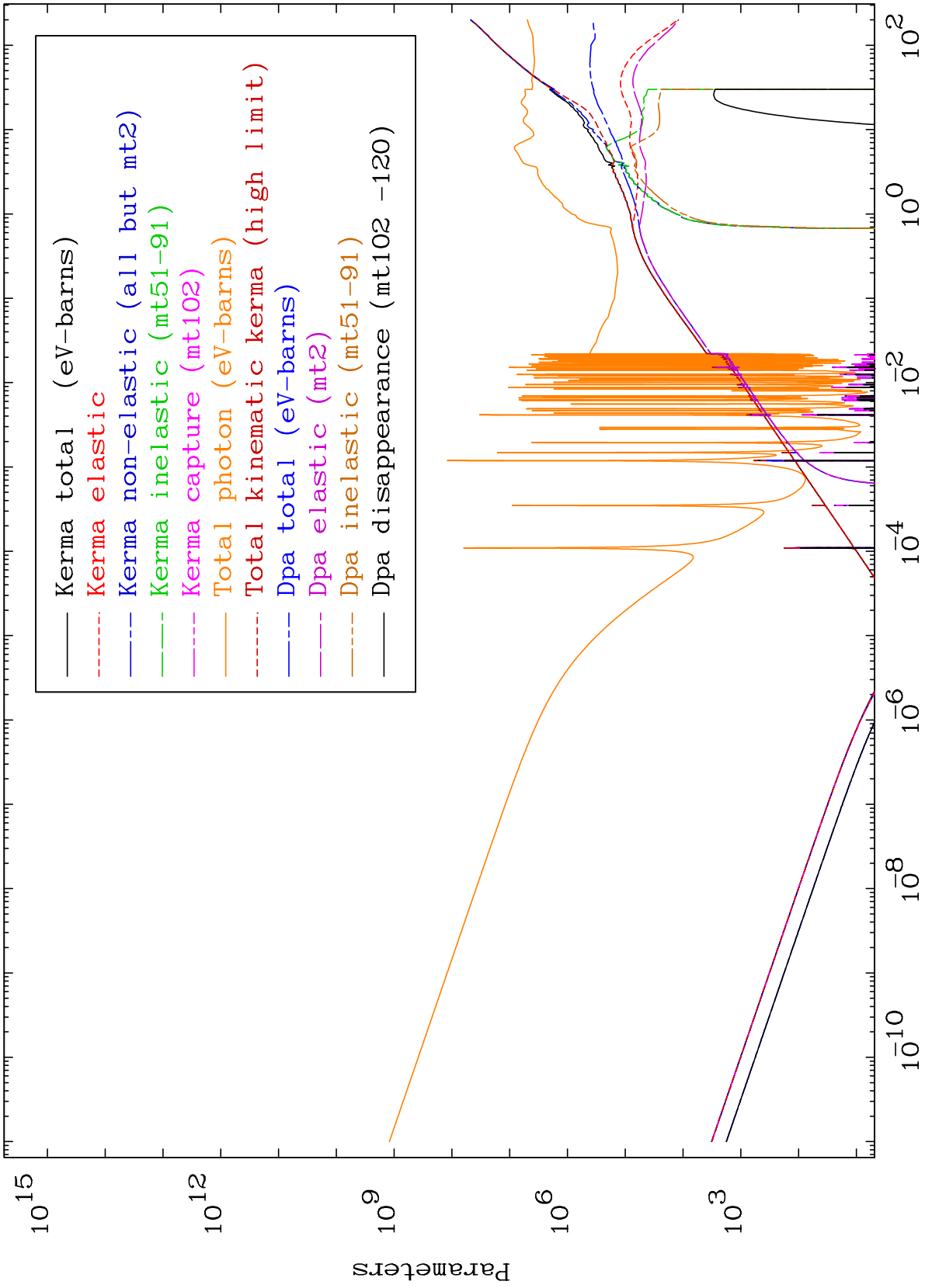
39-Y -97



14

Incident Energy (MeV)

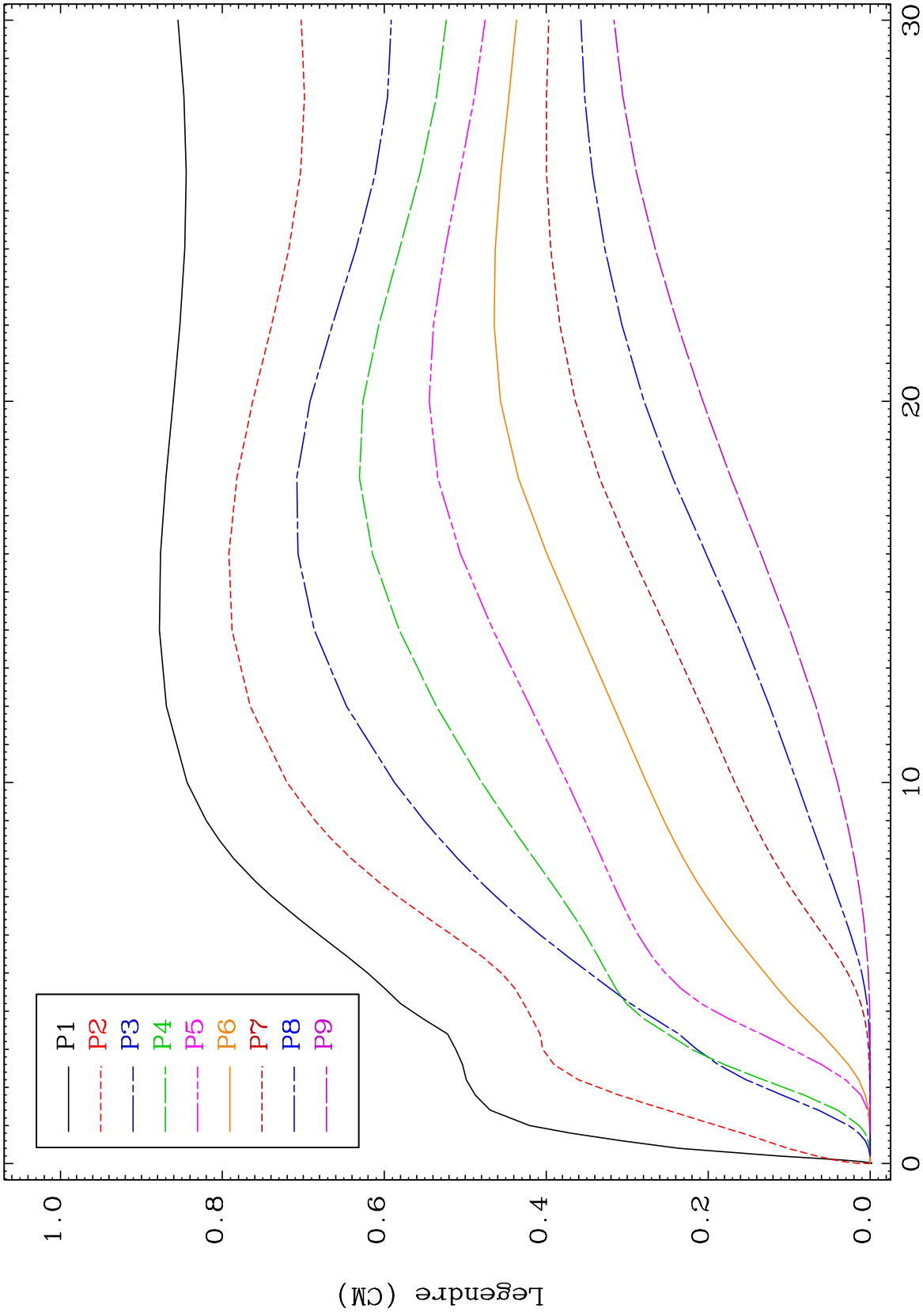
39-Y -97



MAT 3949

Elastic Legendre Coefficients

39-Y -97



16

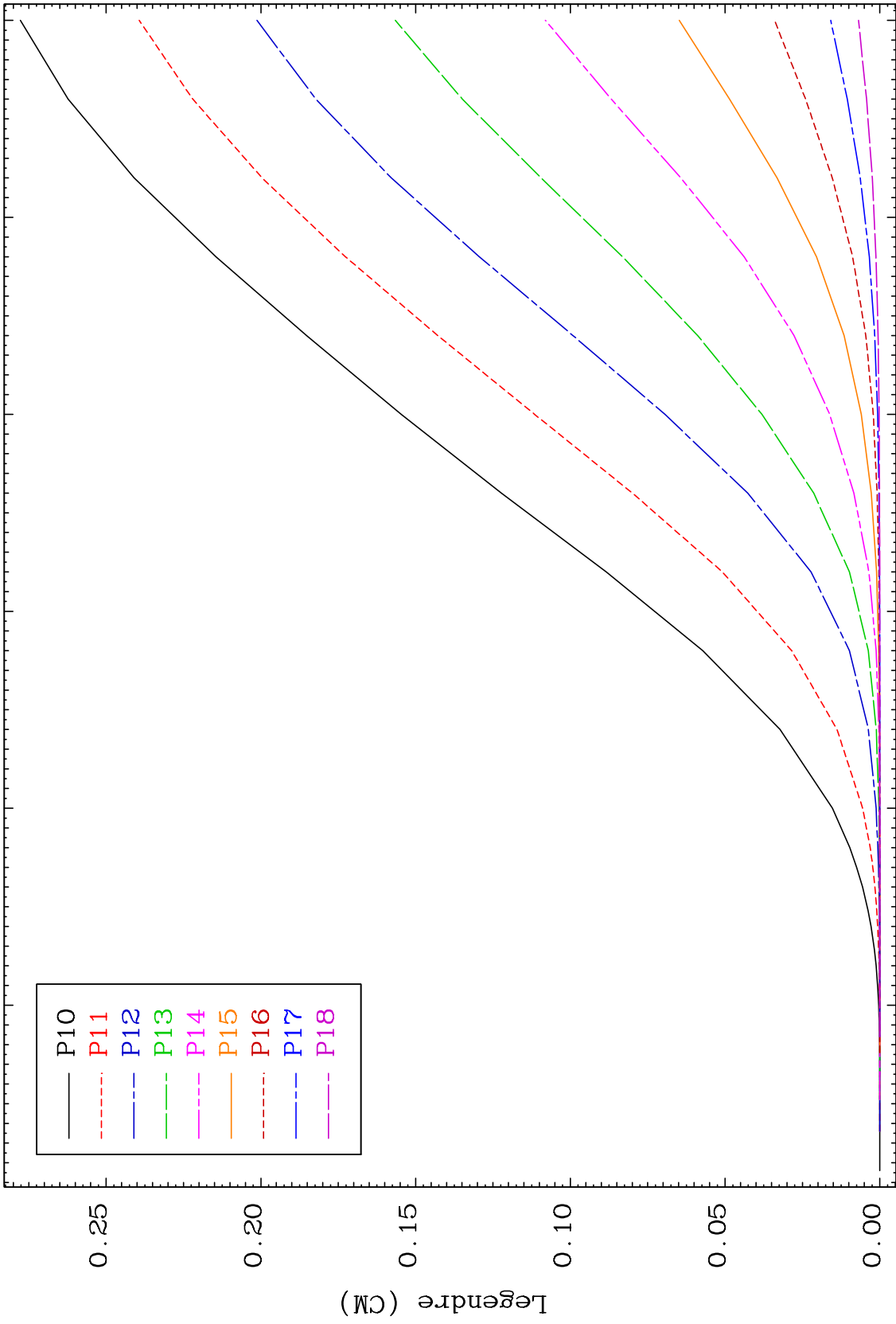
Incident Energy (MeV)

39-Y -97

MAT 3949

Elastic Legendre Coefficients

39-Y -97



17

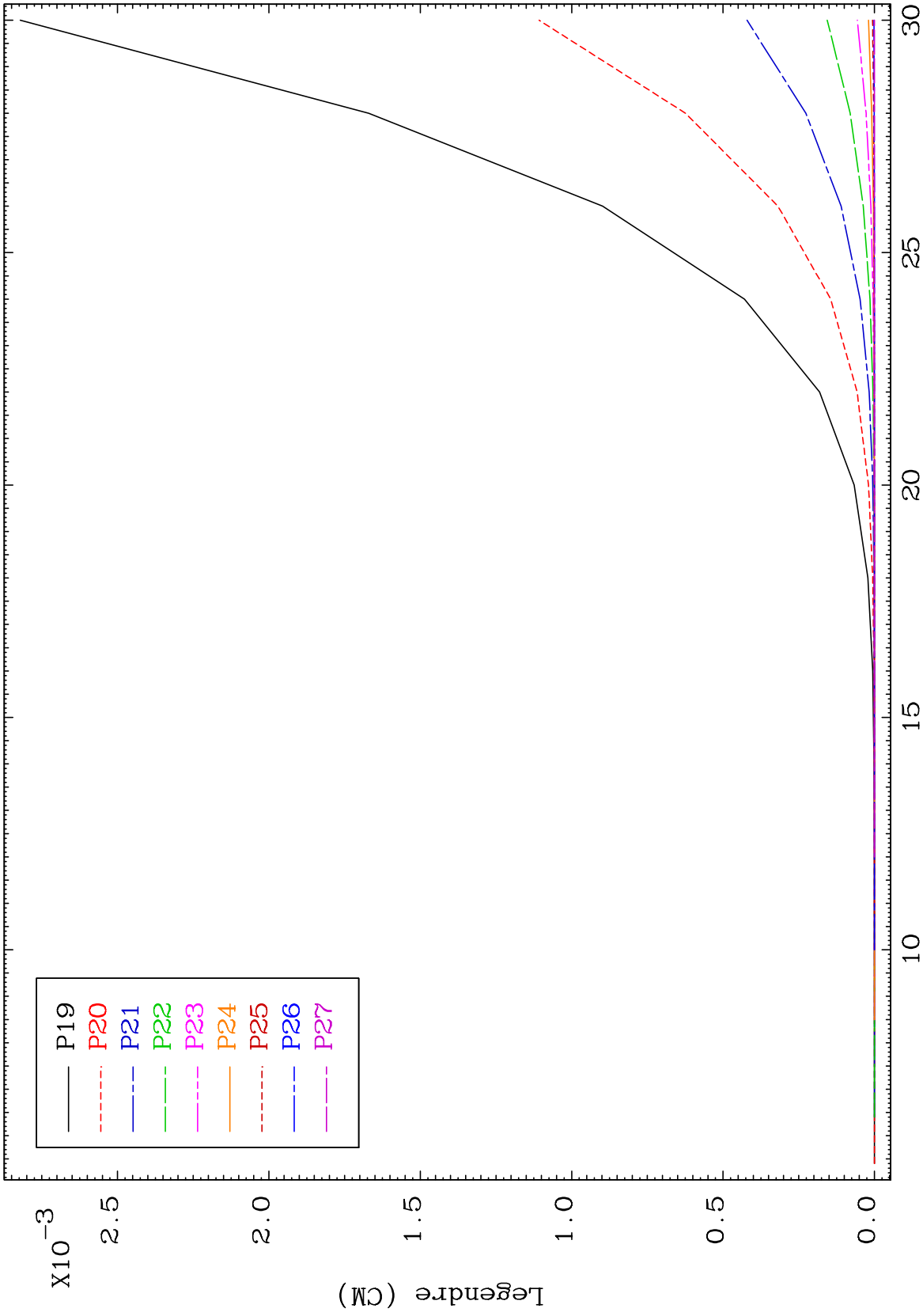
Incident Energy (MeV)

39-Y -97

MAT 3949

Elastic Legendre Coefficients

39-Y -97



18

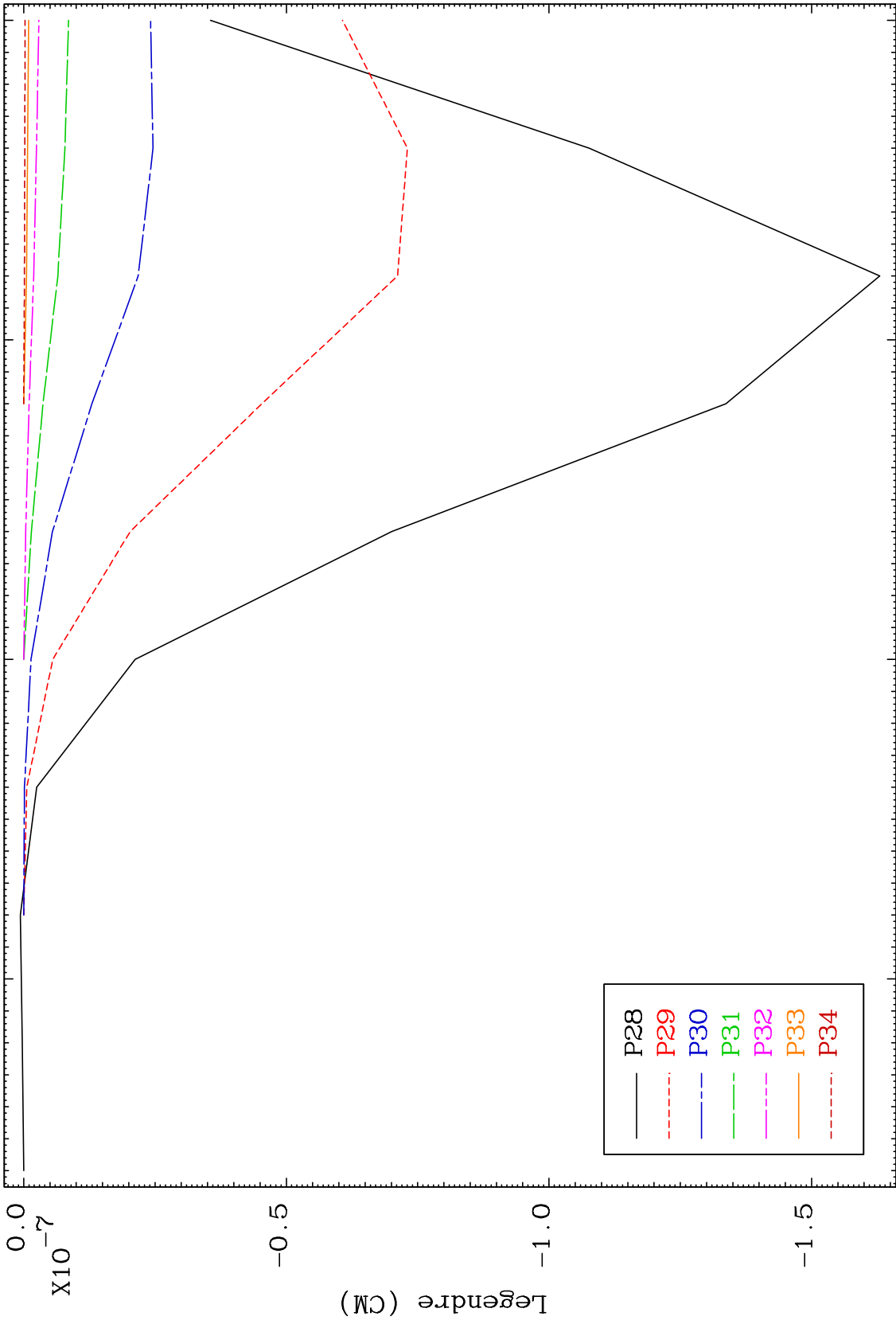
Incident Energy (MeV)

39-Y -97

MAT 3949

39-Y -97

Elastic Legendre Coefficients



19

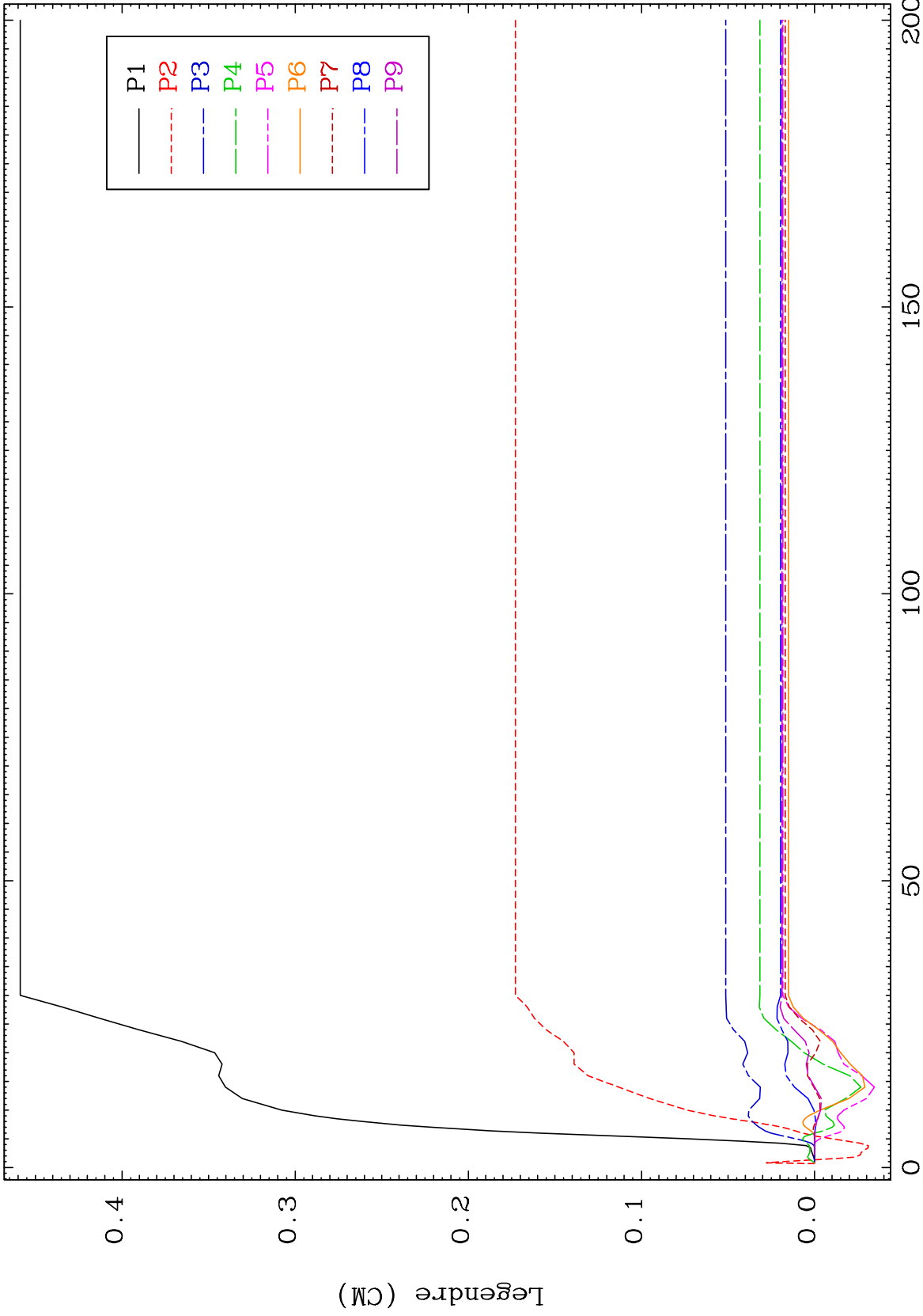
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



20

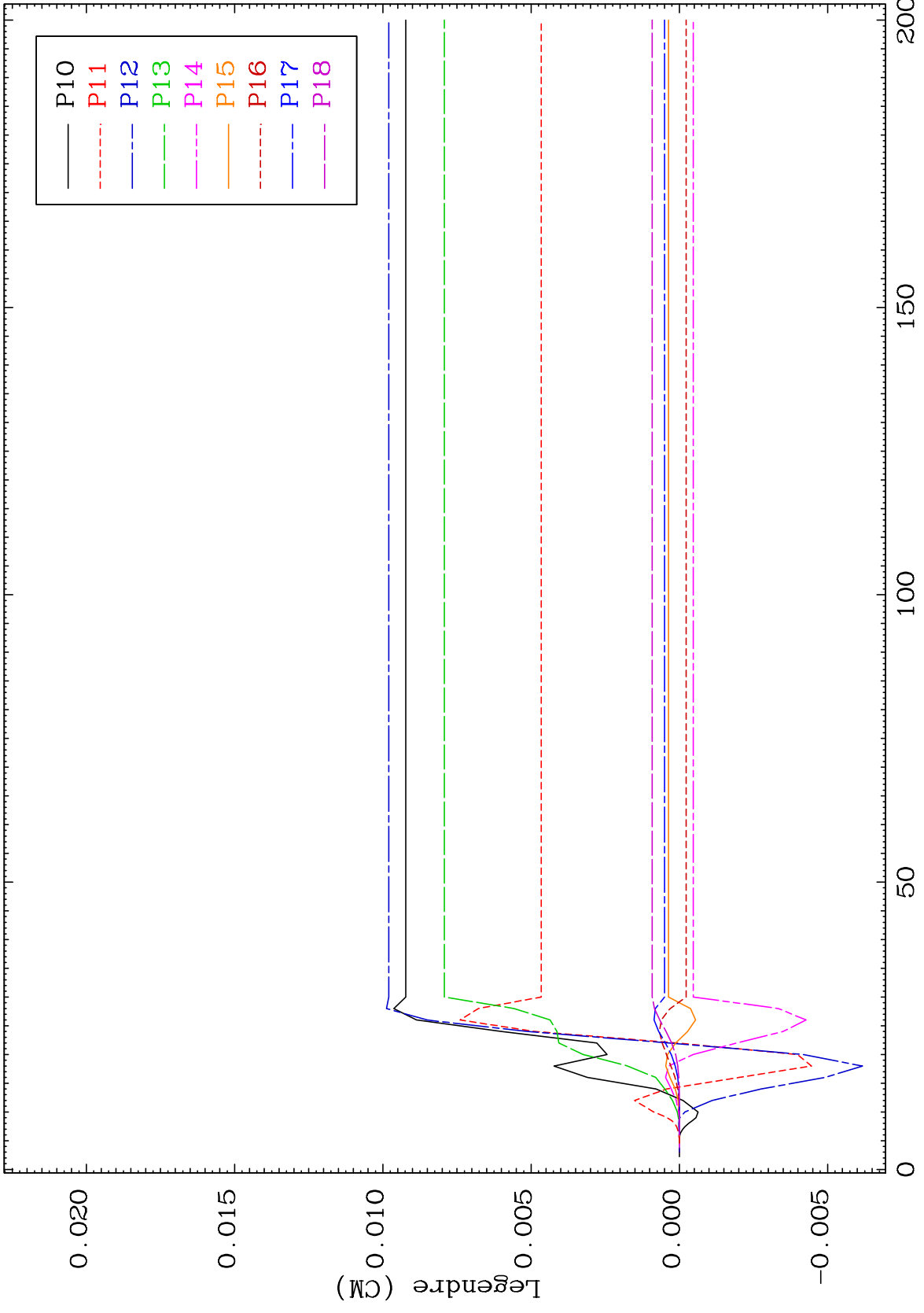
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



21

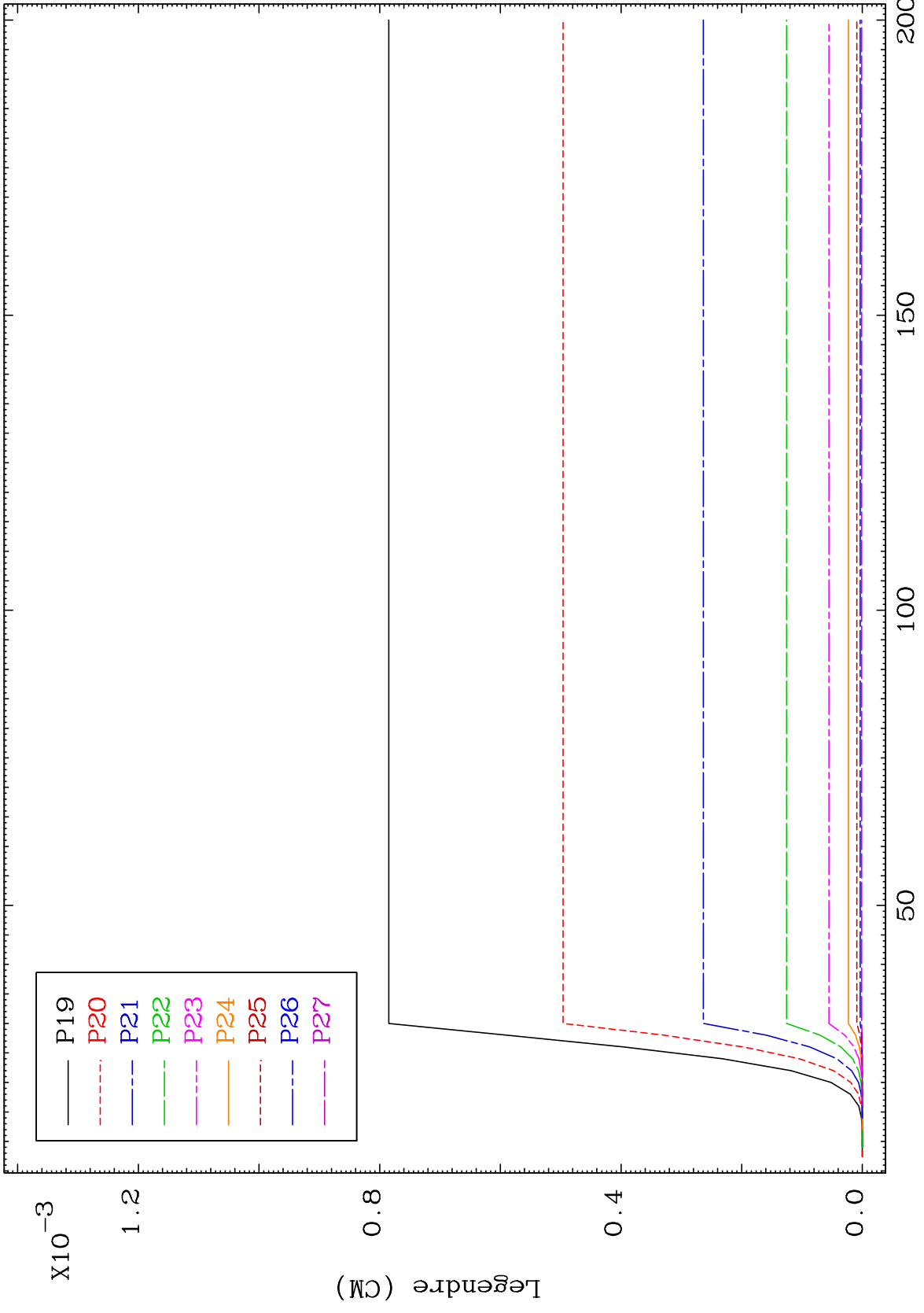
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



22

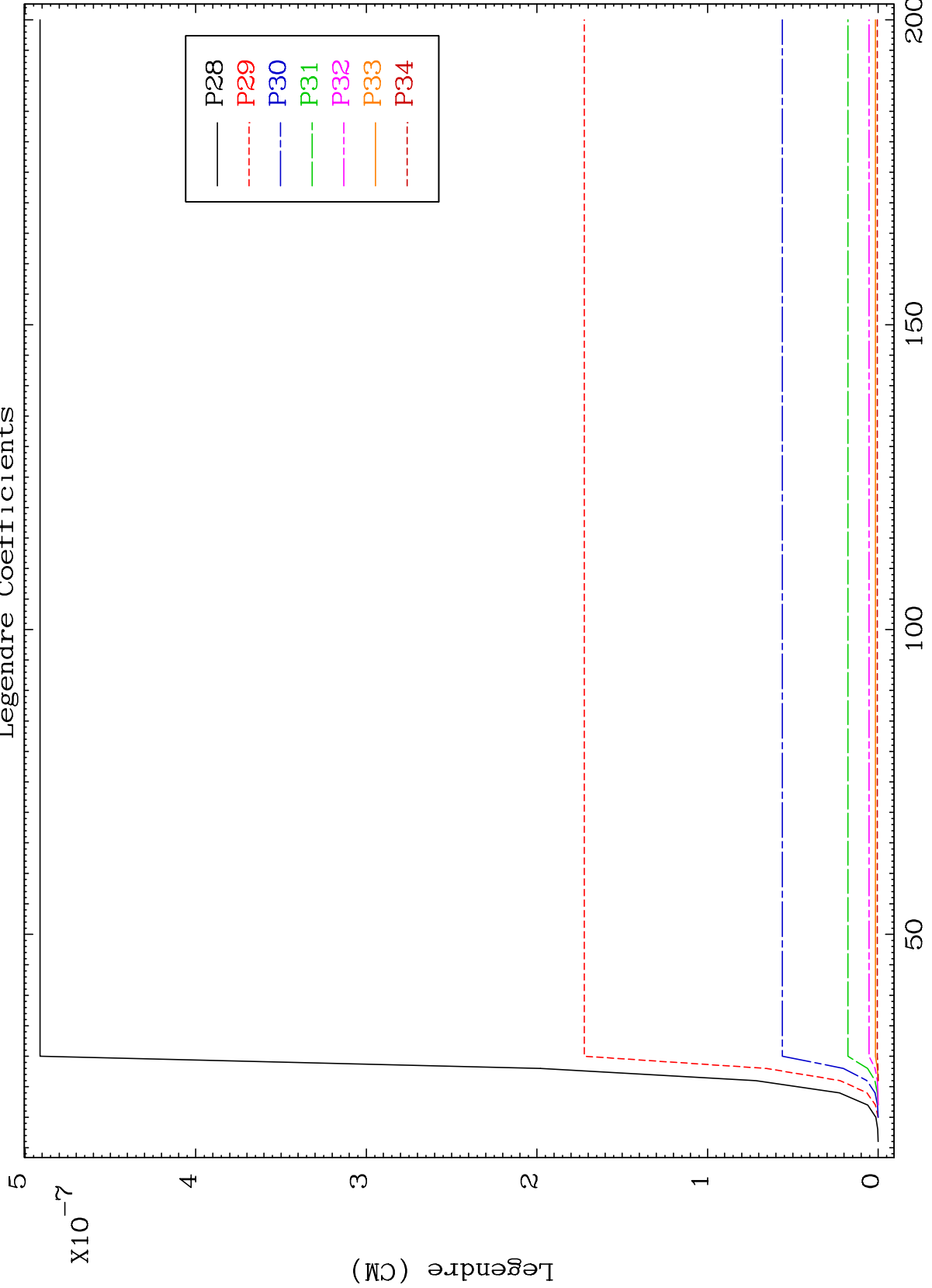
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



23

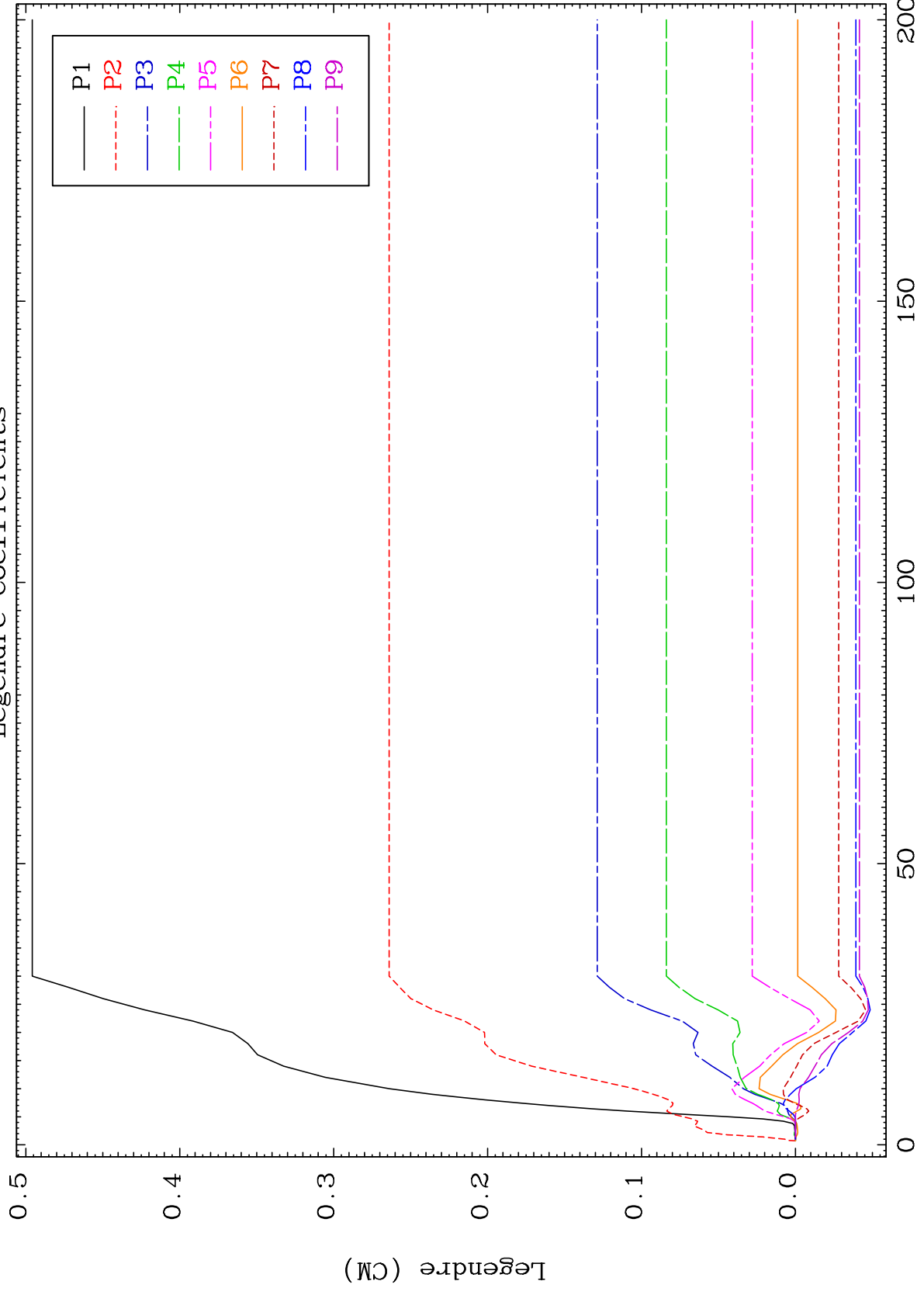
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



39-Y -97

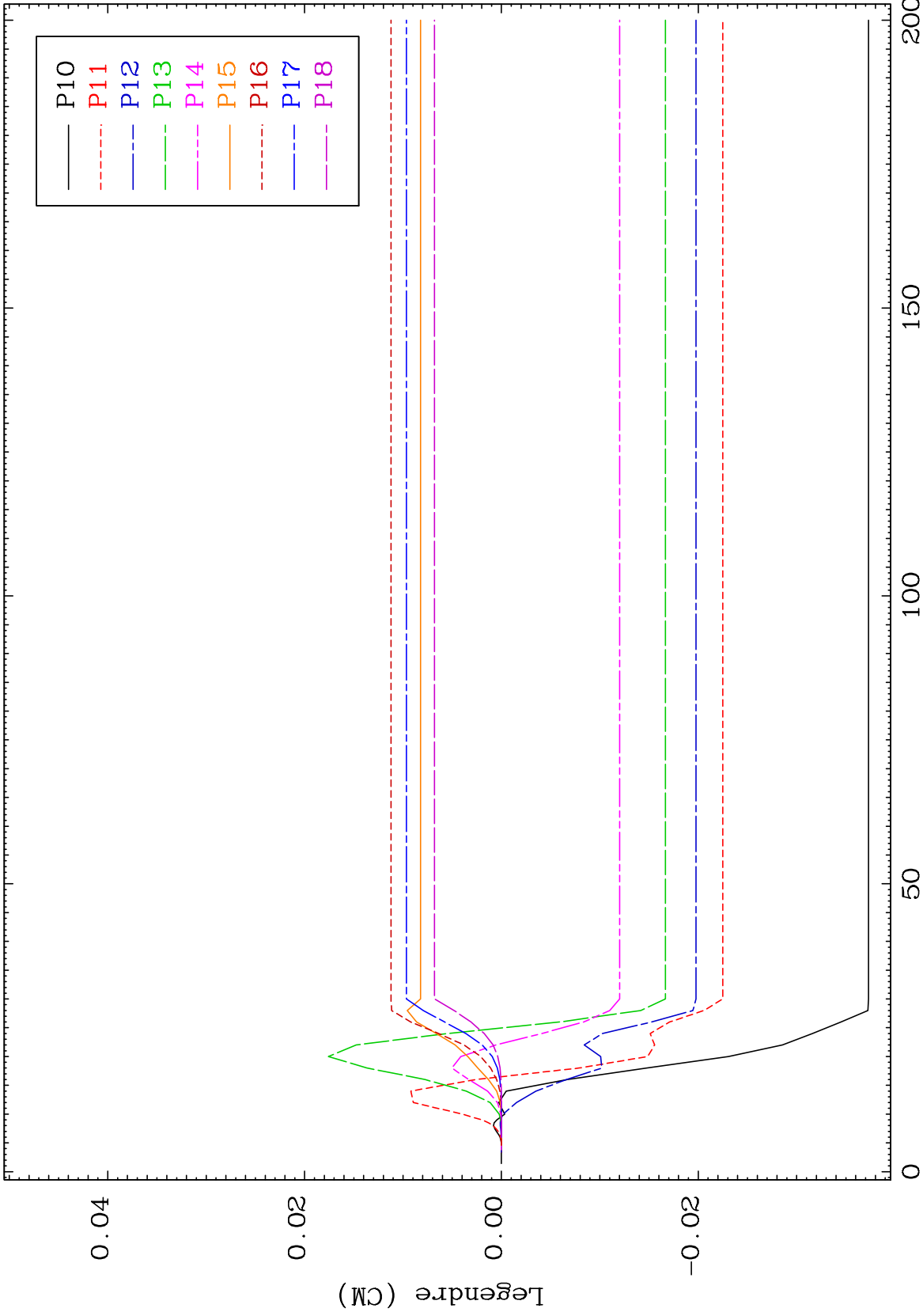
Incident Energy (MeV)

24

MAT 3949

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

39-Y -97



25

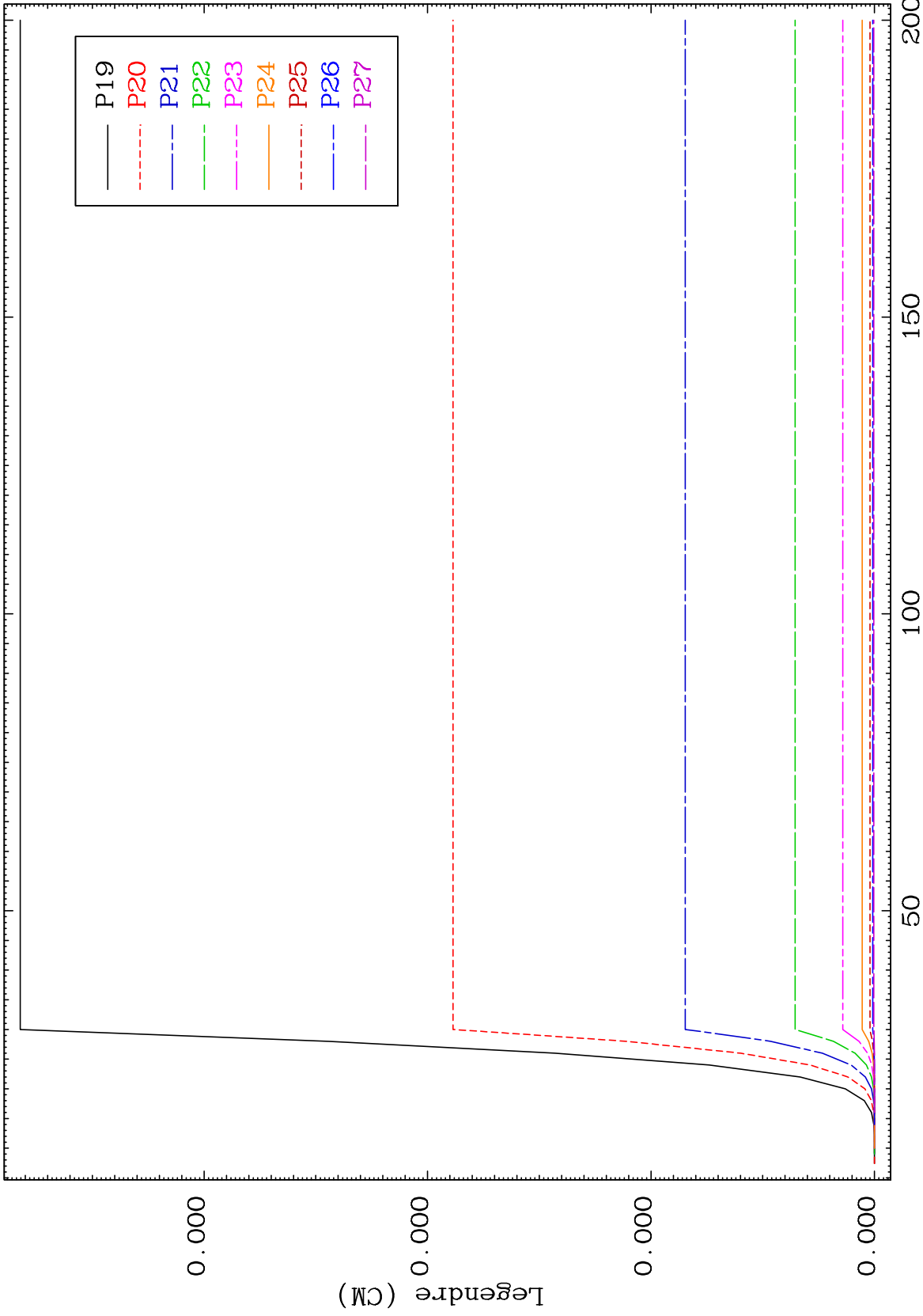
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



26

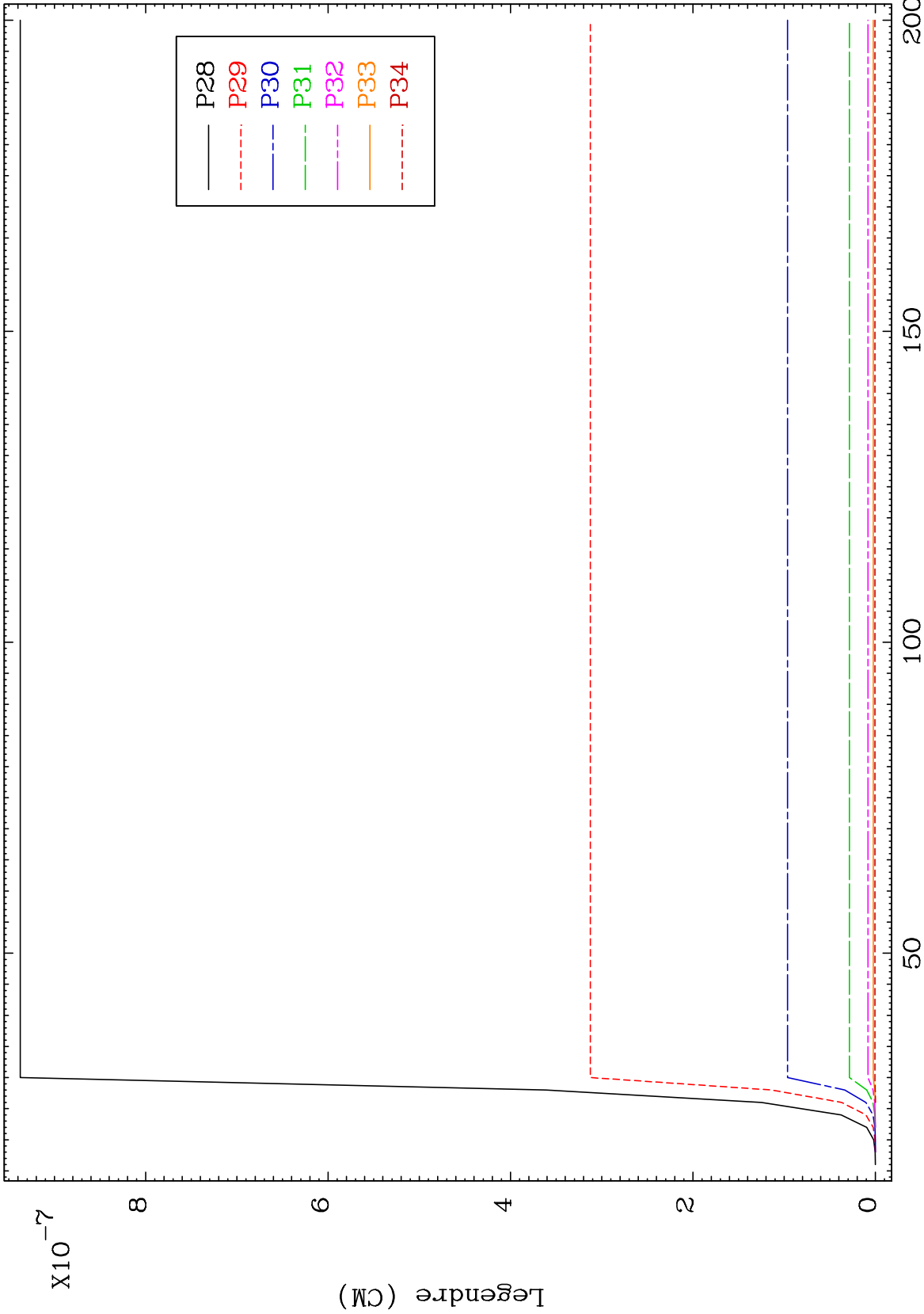
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



27

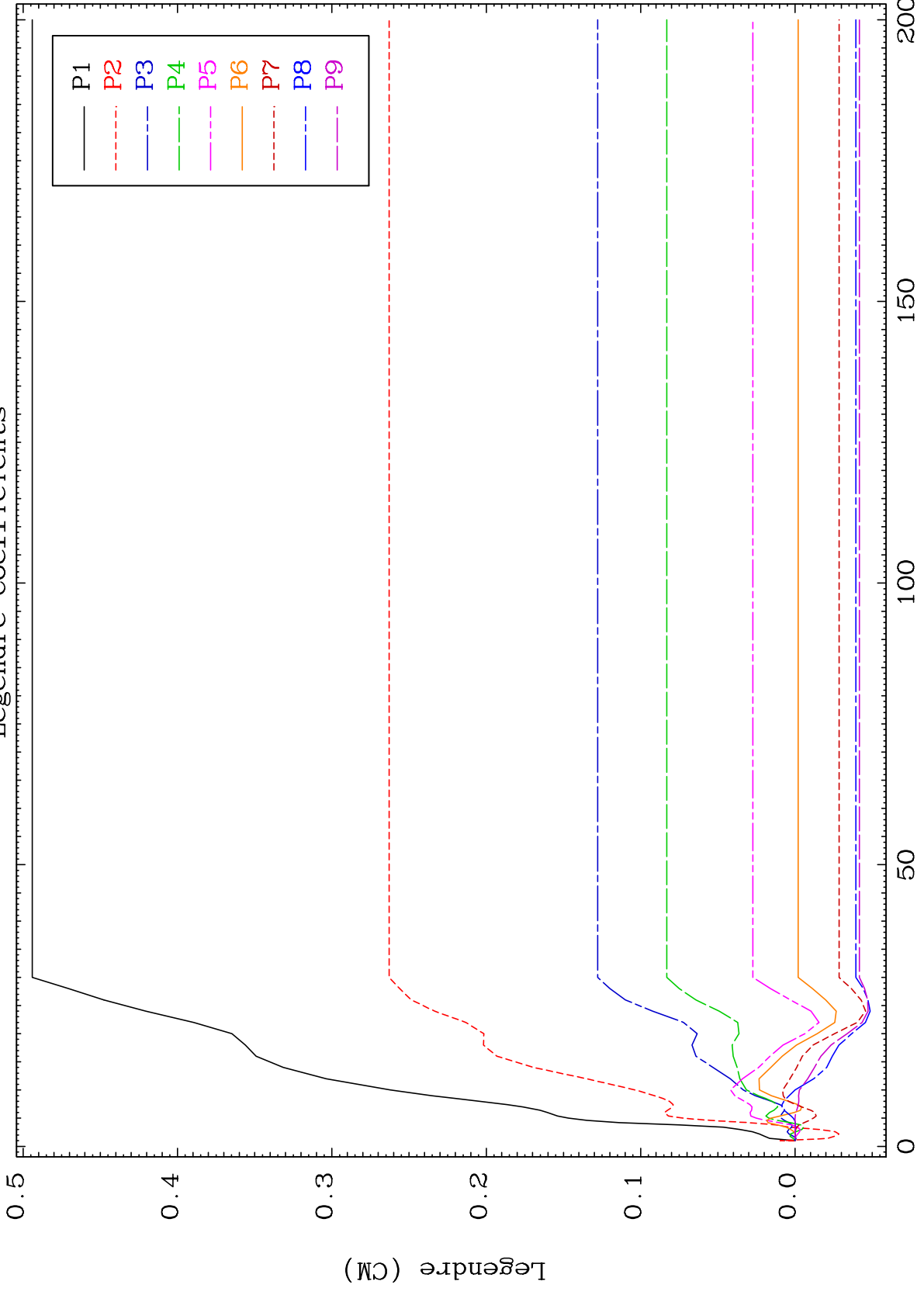
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



39-Y -97

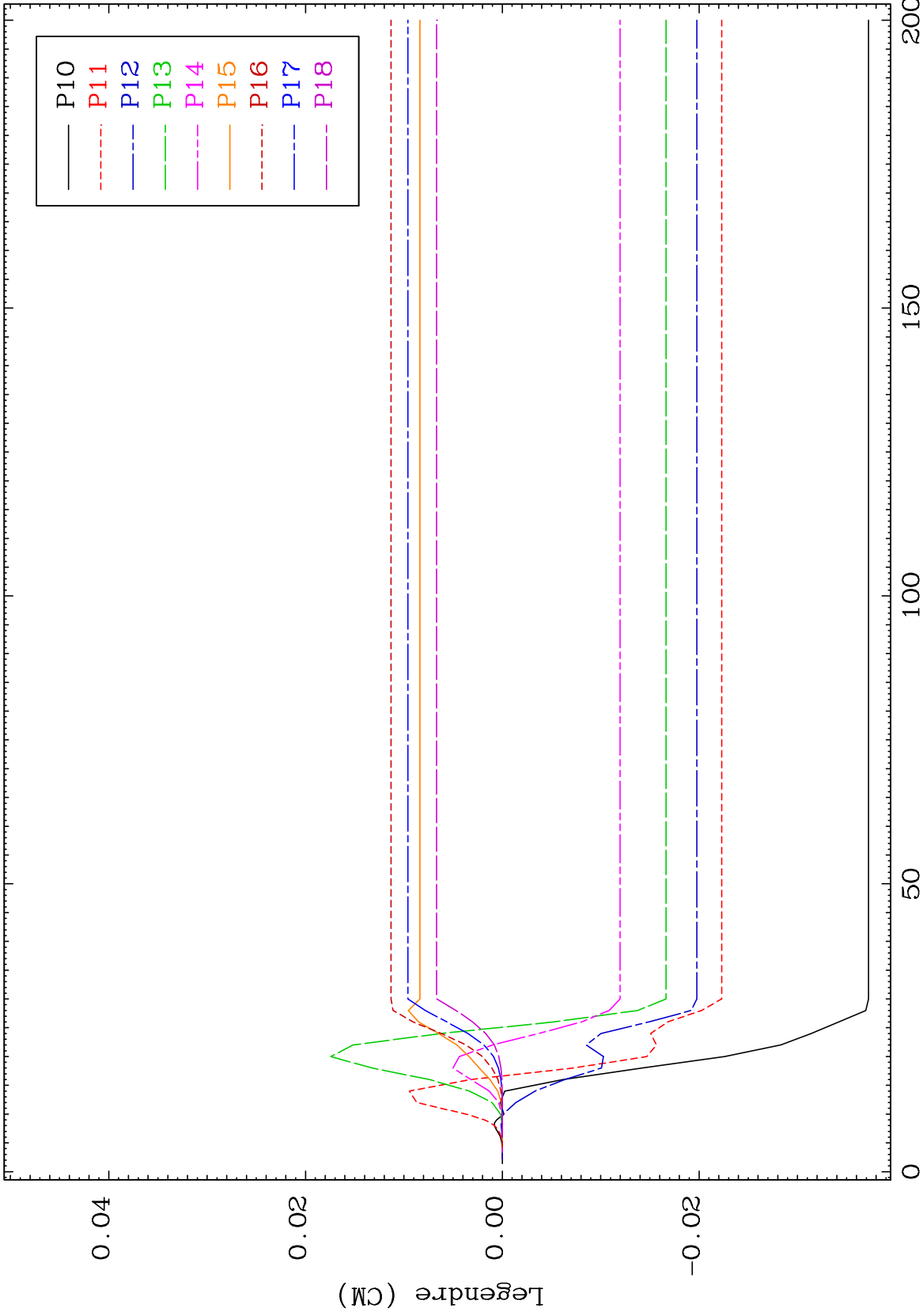
Incident Energy (MeV)

28

MAT 3949

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

39-Y -97



29

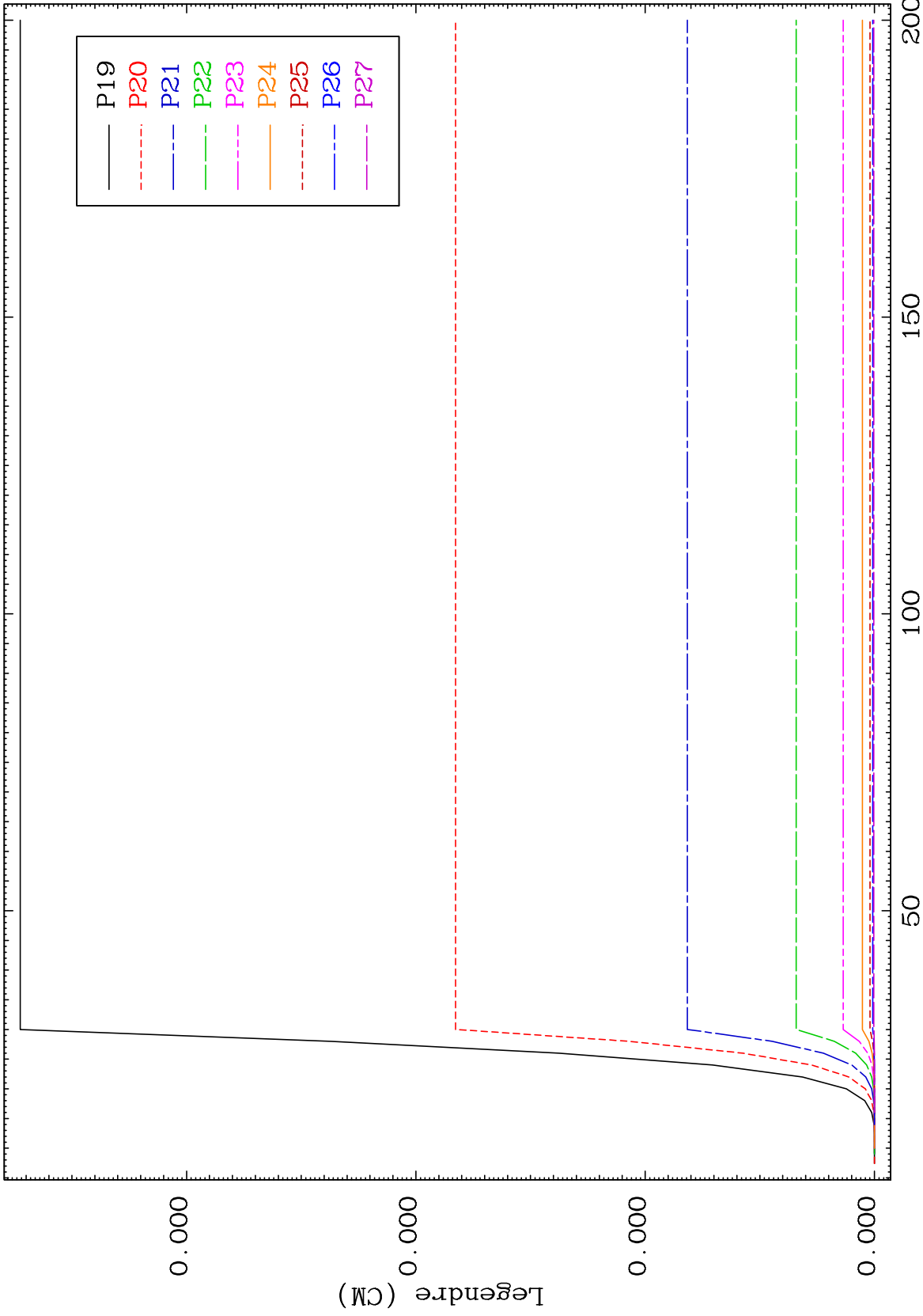
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



30

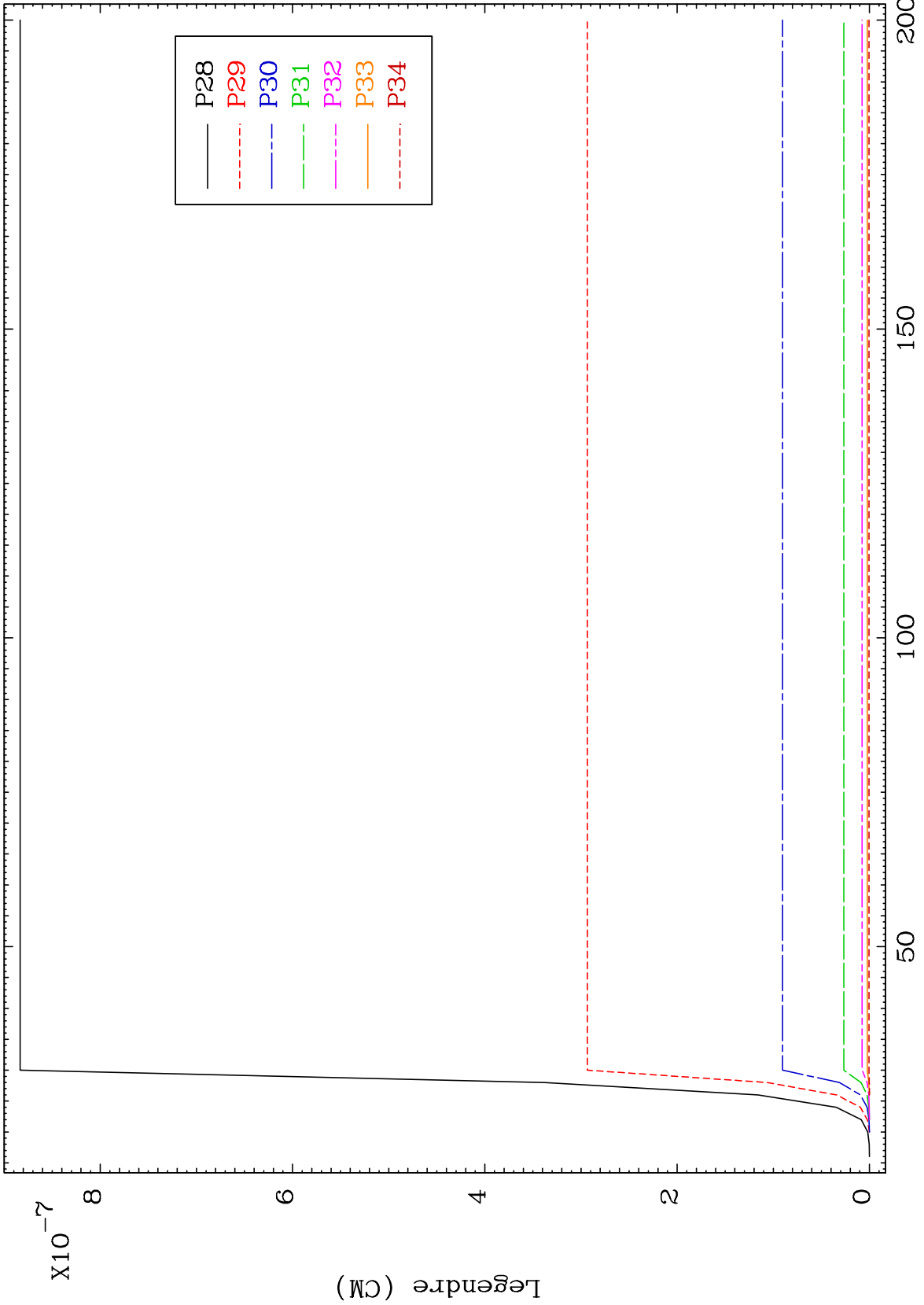
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



31

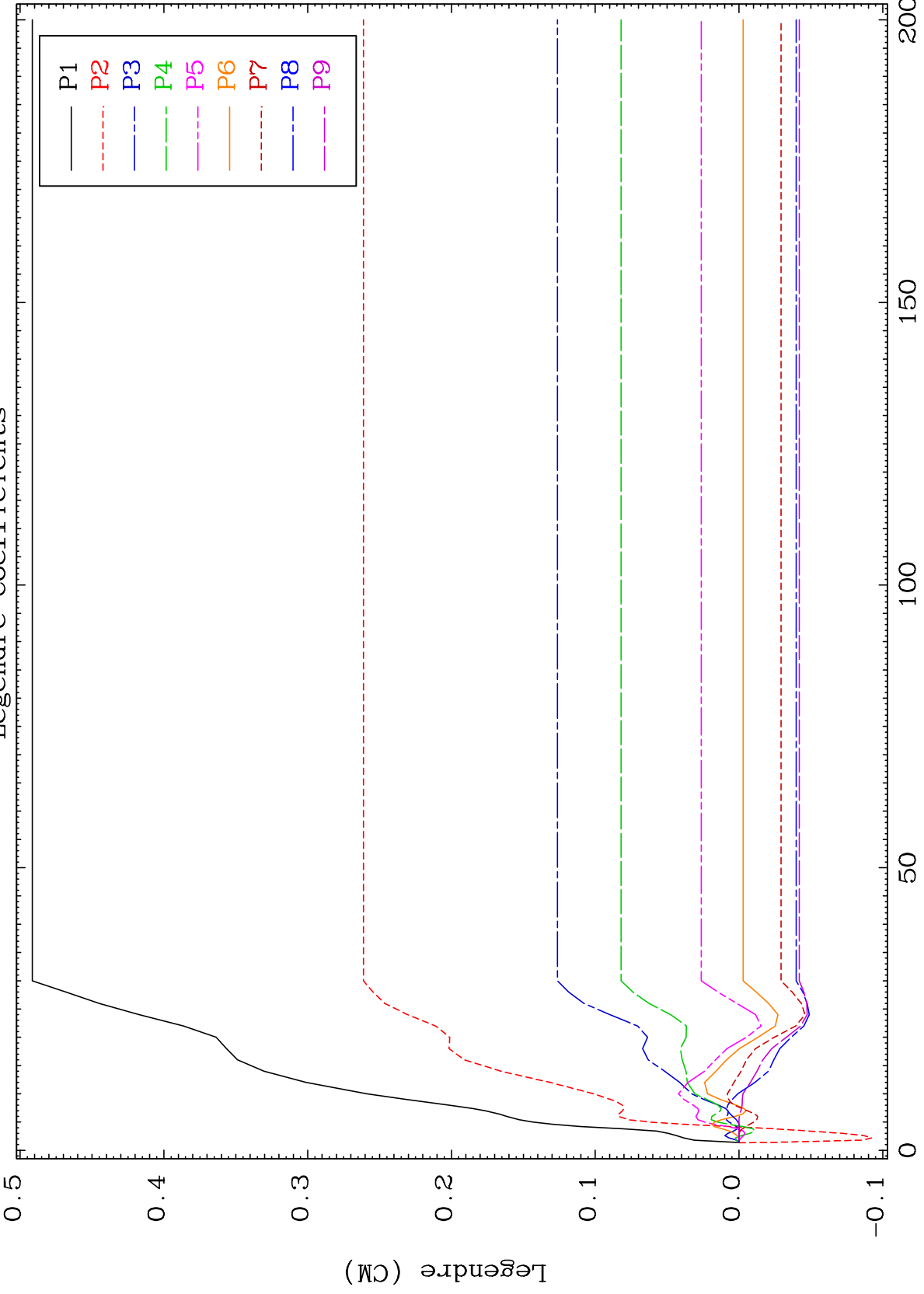
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



39-Y -97

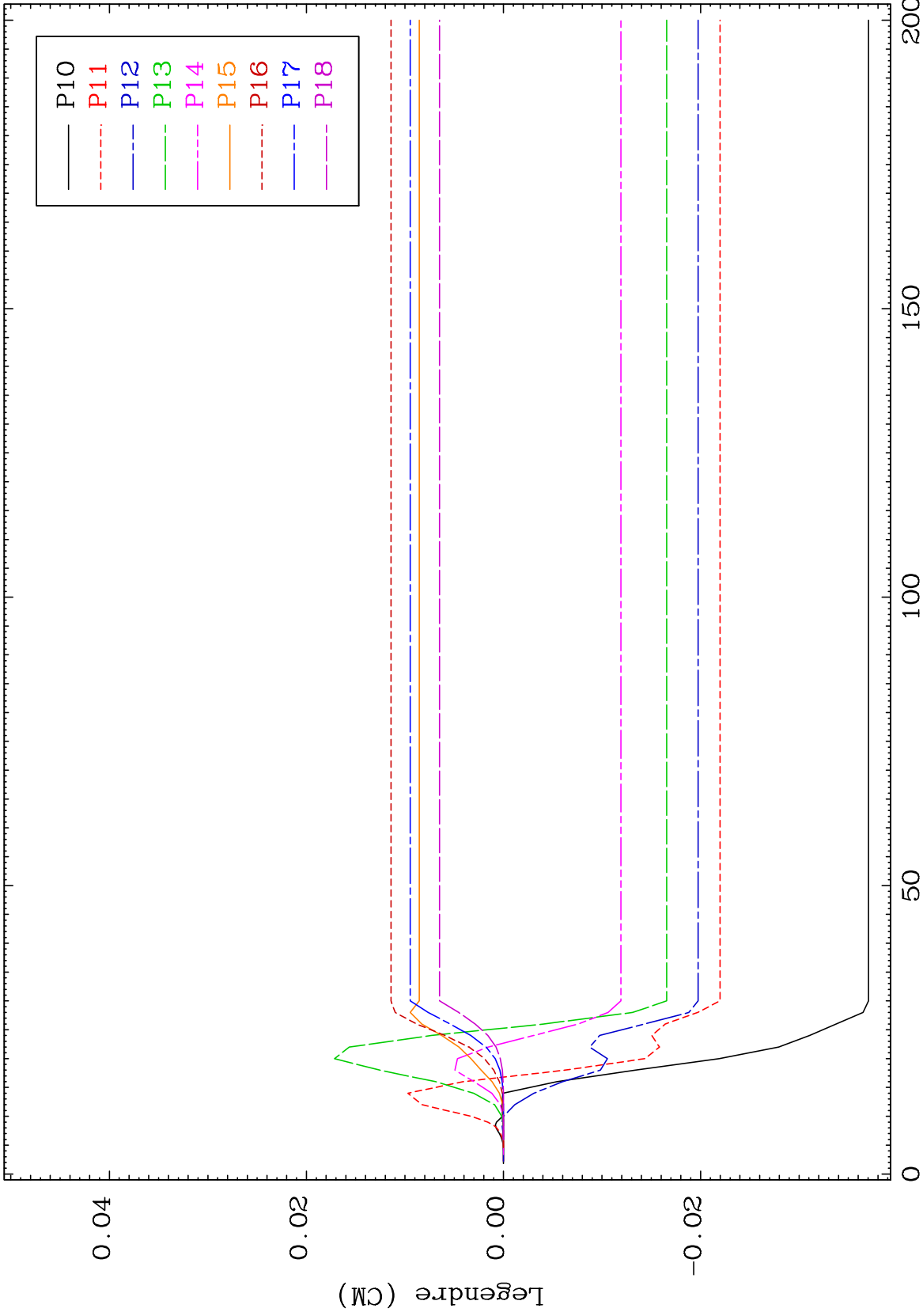
Incident Energy (MeV)

32

MAT 3949

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

39-Y -97



33

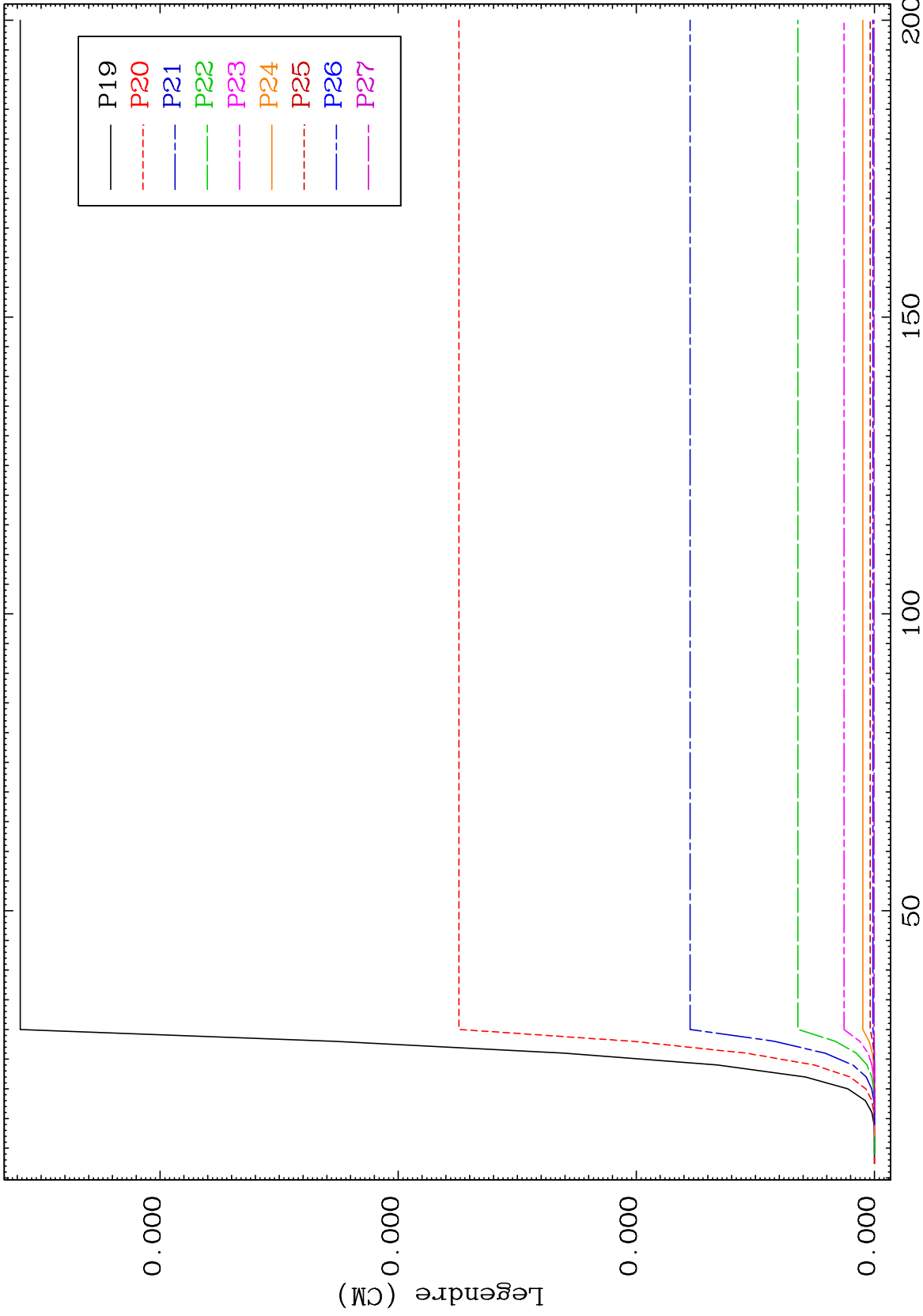
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



34

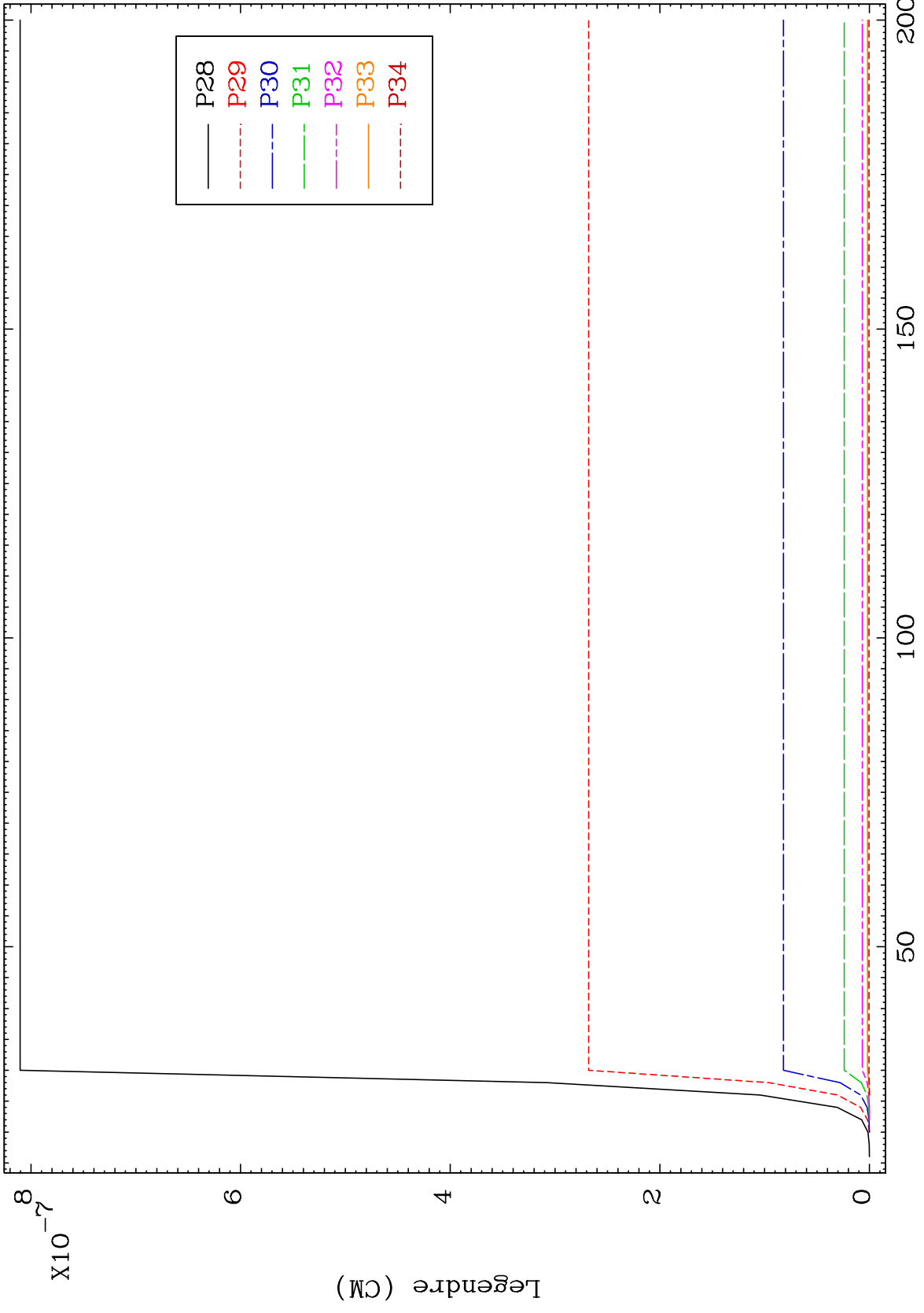
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



35

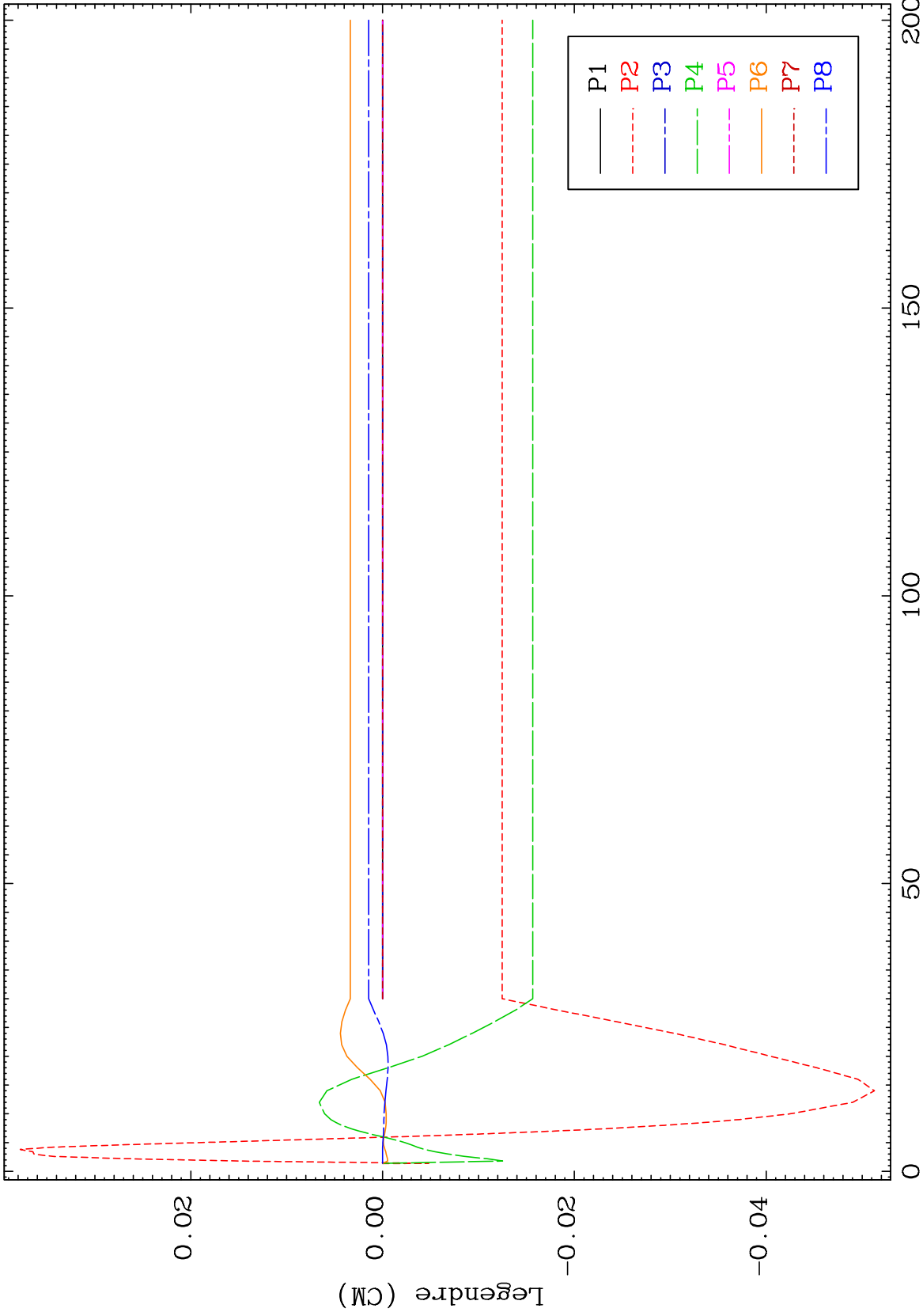
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



36

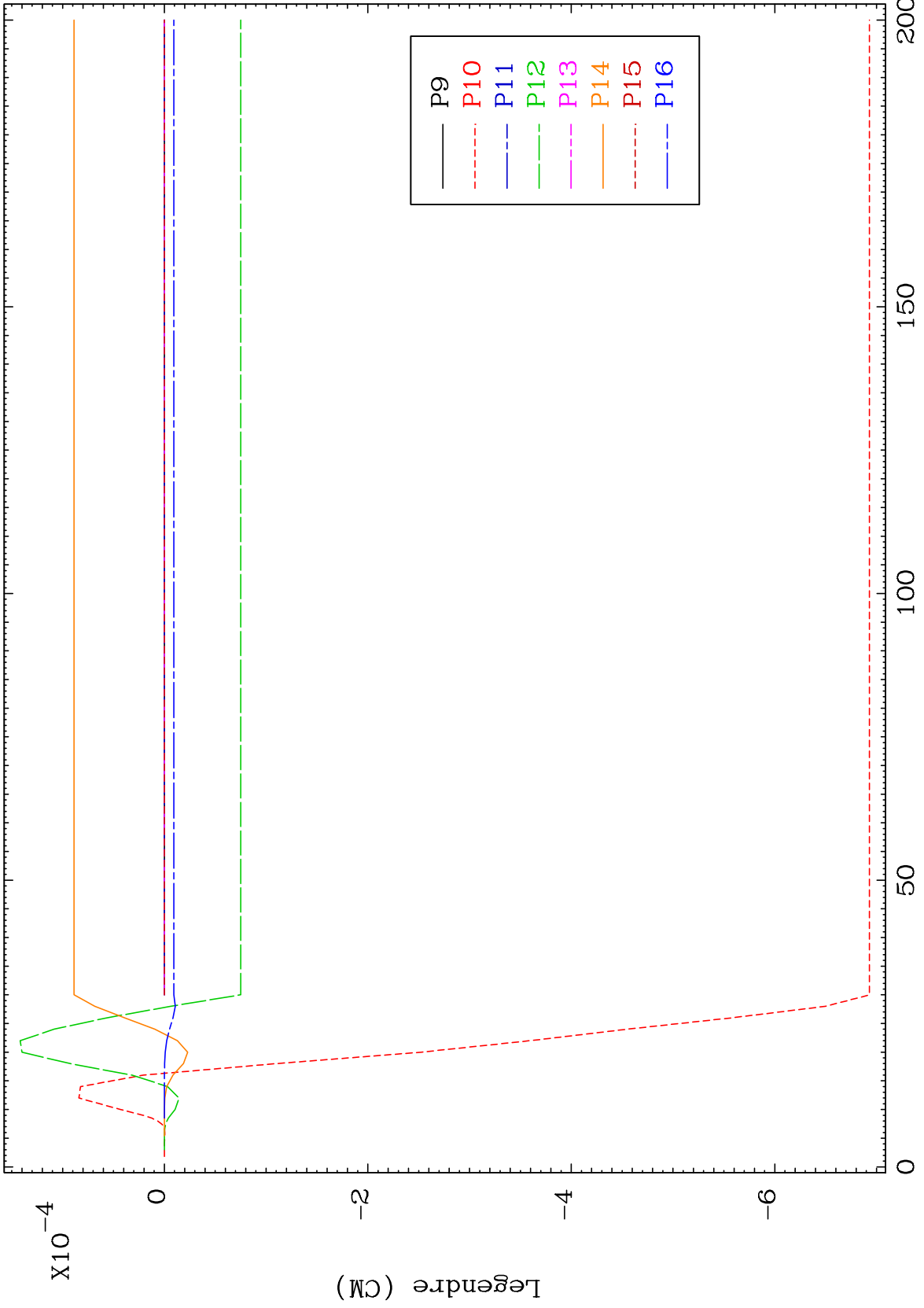
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



37

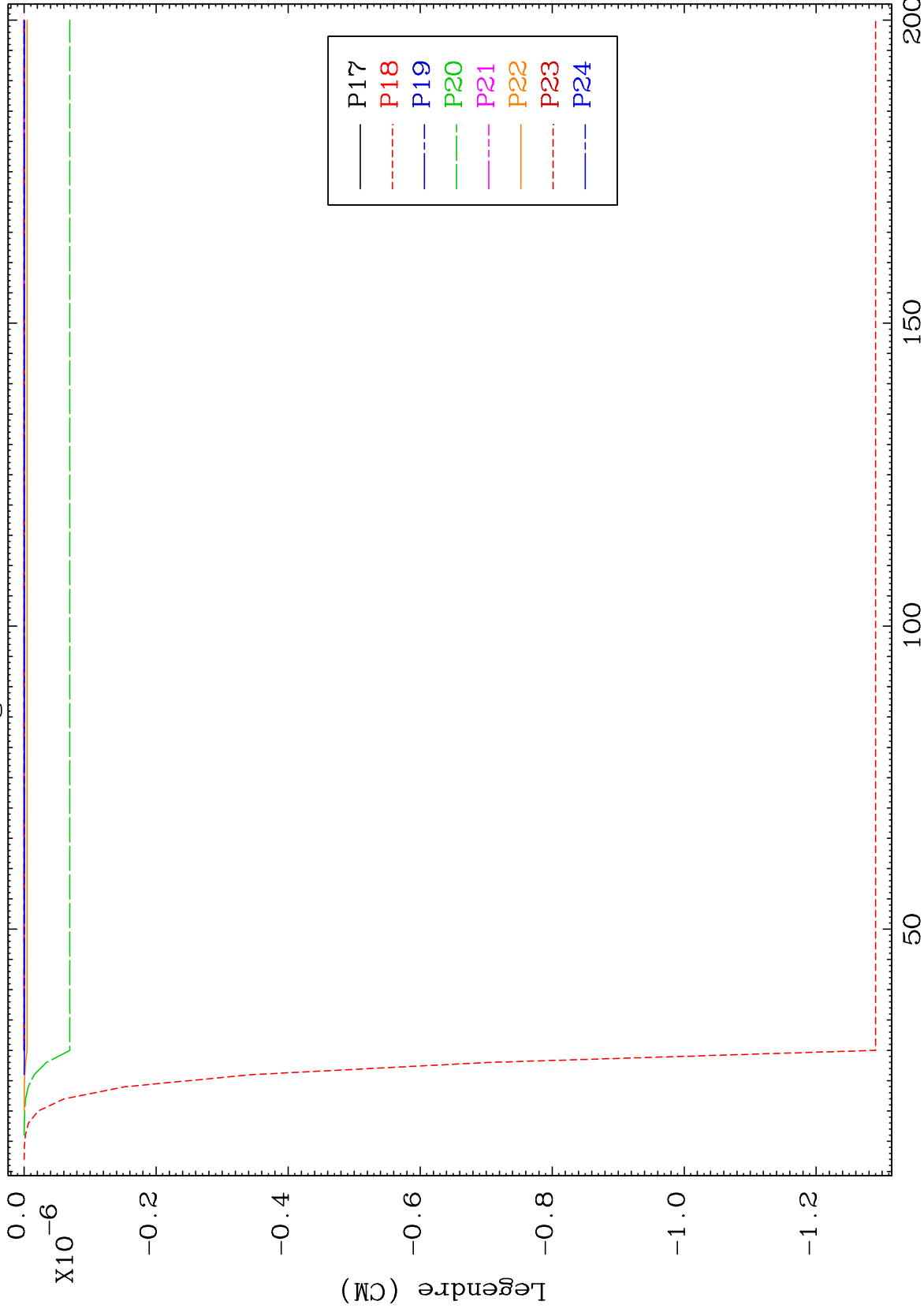
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97

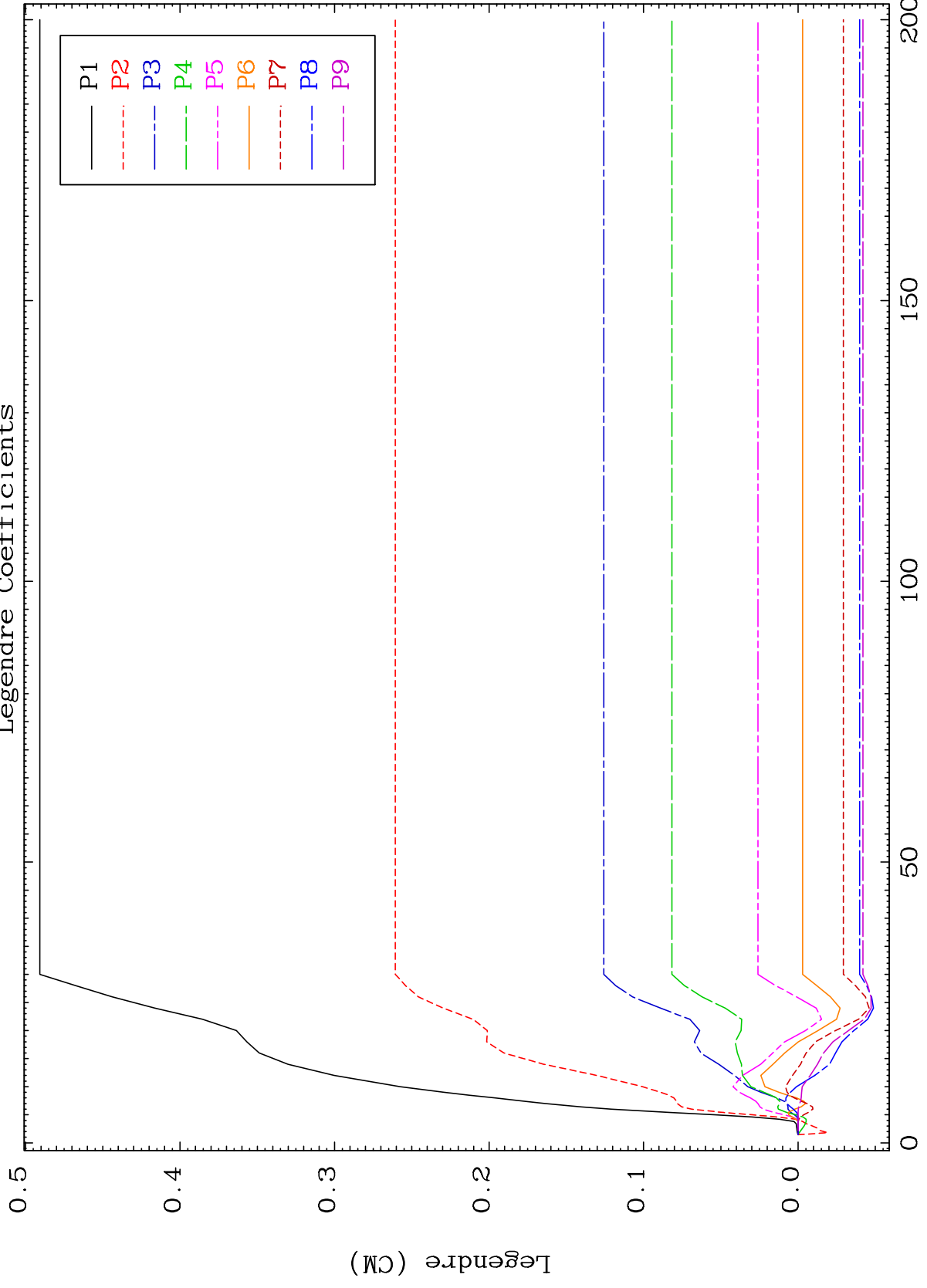


39-Y -97

Incident Energy (MeV)

38

MAT 3949 MT= 56 (n,n') Level Legendre Coefficients 39-Y -97

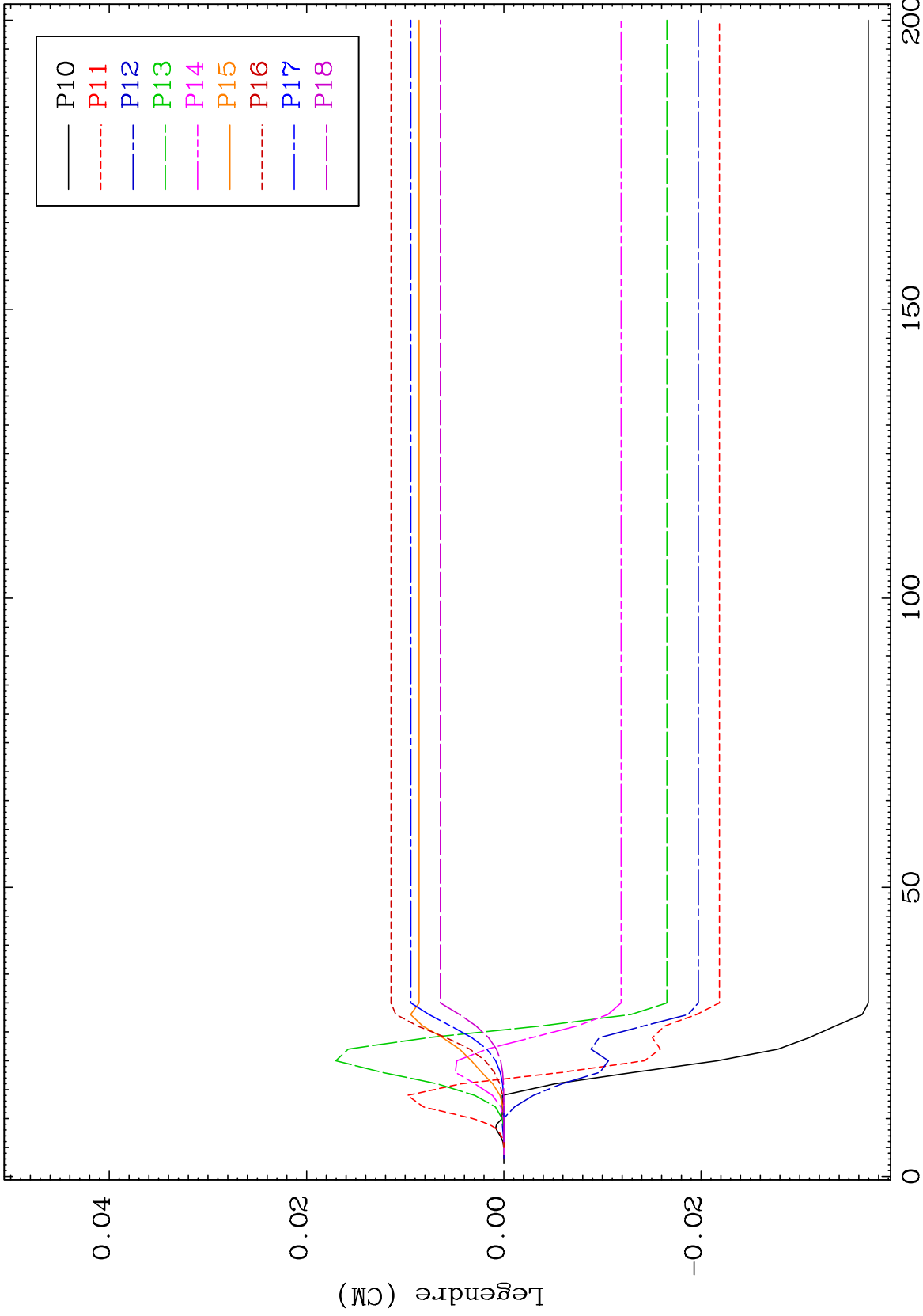


39 Incident Energy (MeV) 39-Y -97

MAT 3949

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

39-Y -97



40

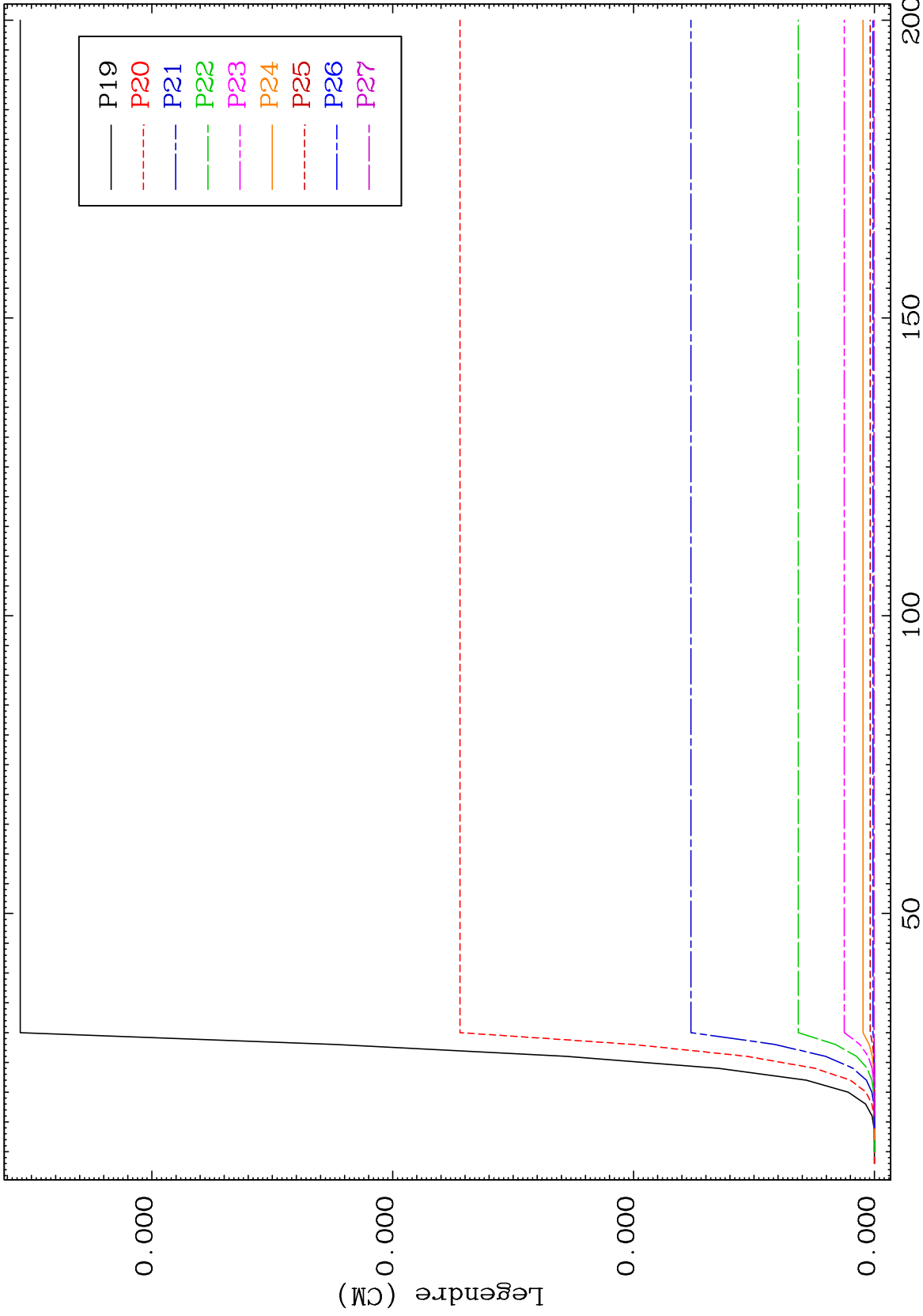
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



41

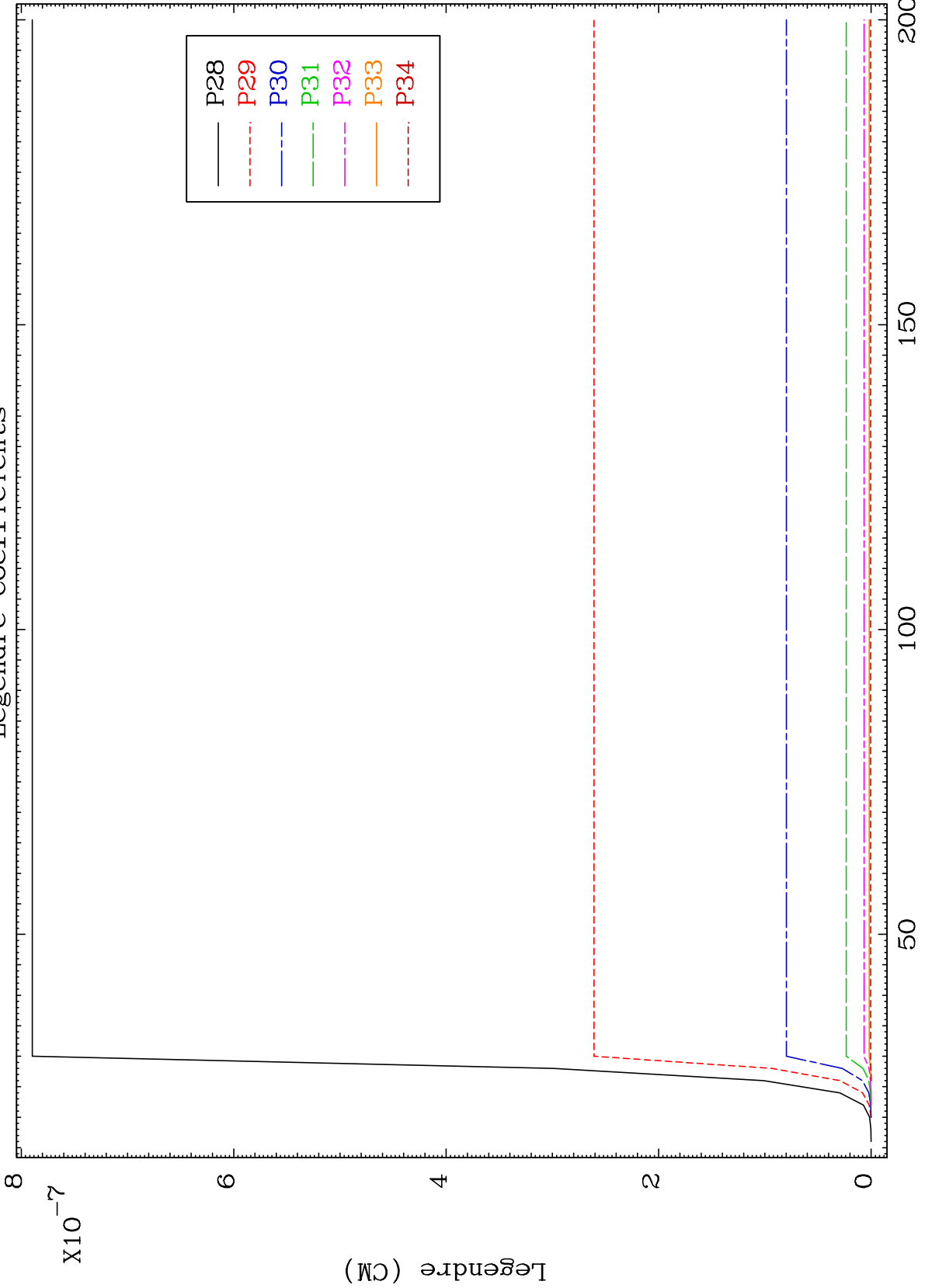
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97

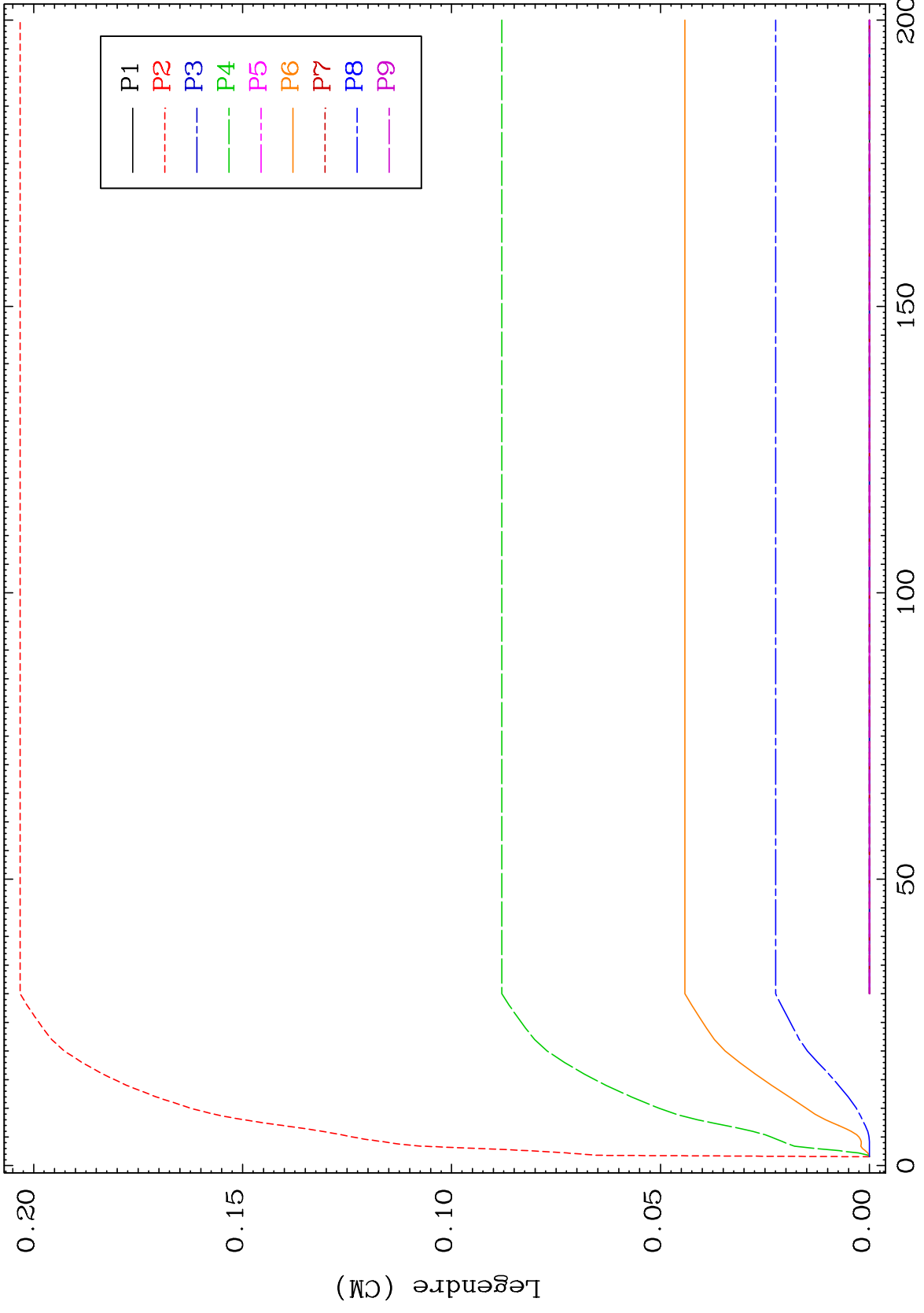


42

Incident Energy (MeV)

39-Y -97

MAT 3949 MT= 57 (n,n') Level Legendre Coefficients 39-Y -97

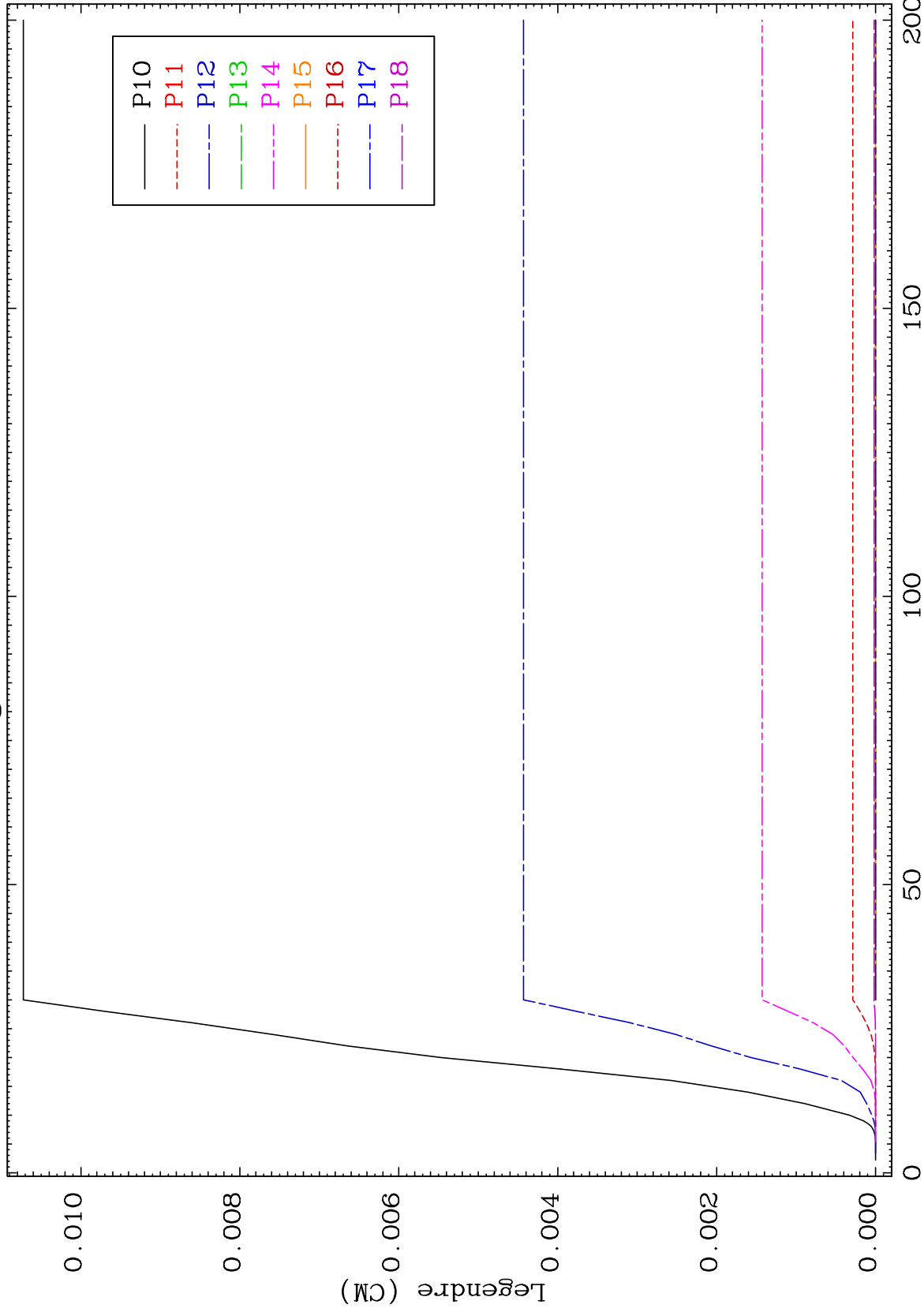


43 39-Y -97

MAT 3949

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

39-Y -97



44

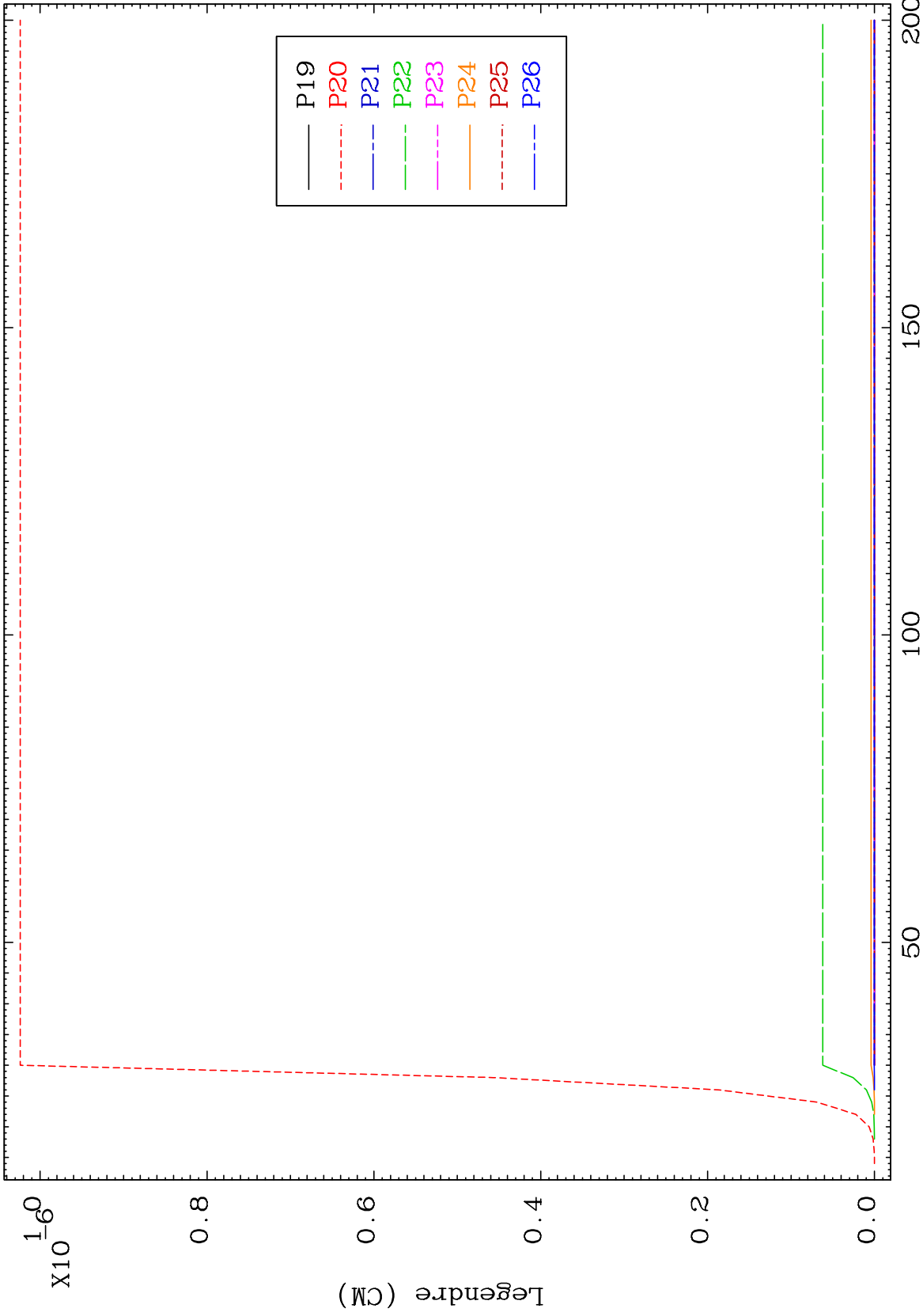
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97

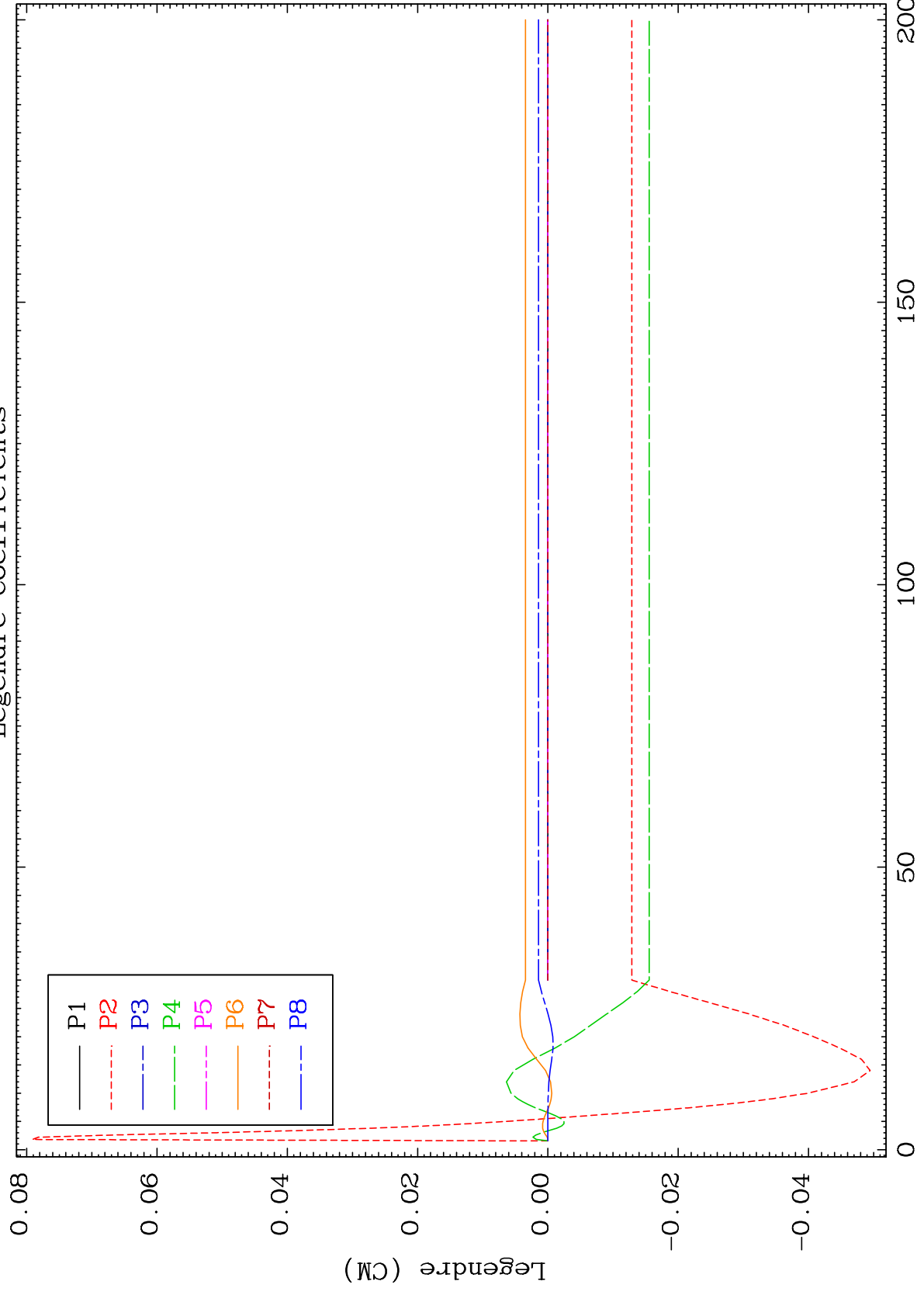


45

Incident Energy (MeV)

39-Y -97

MAT 3949 MT= 58 (n,n') Level Legendre Coefficients 39-Y -97

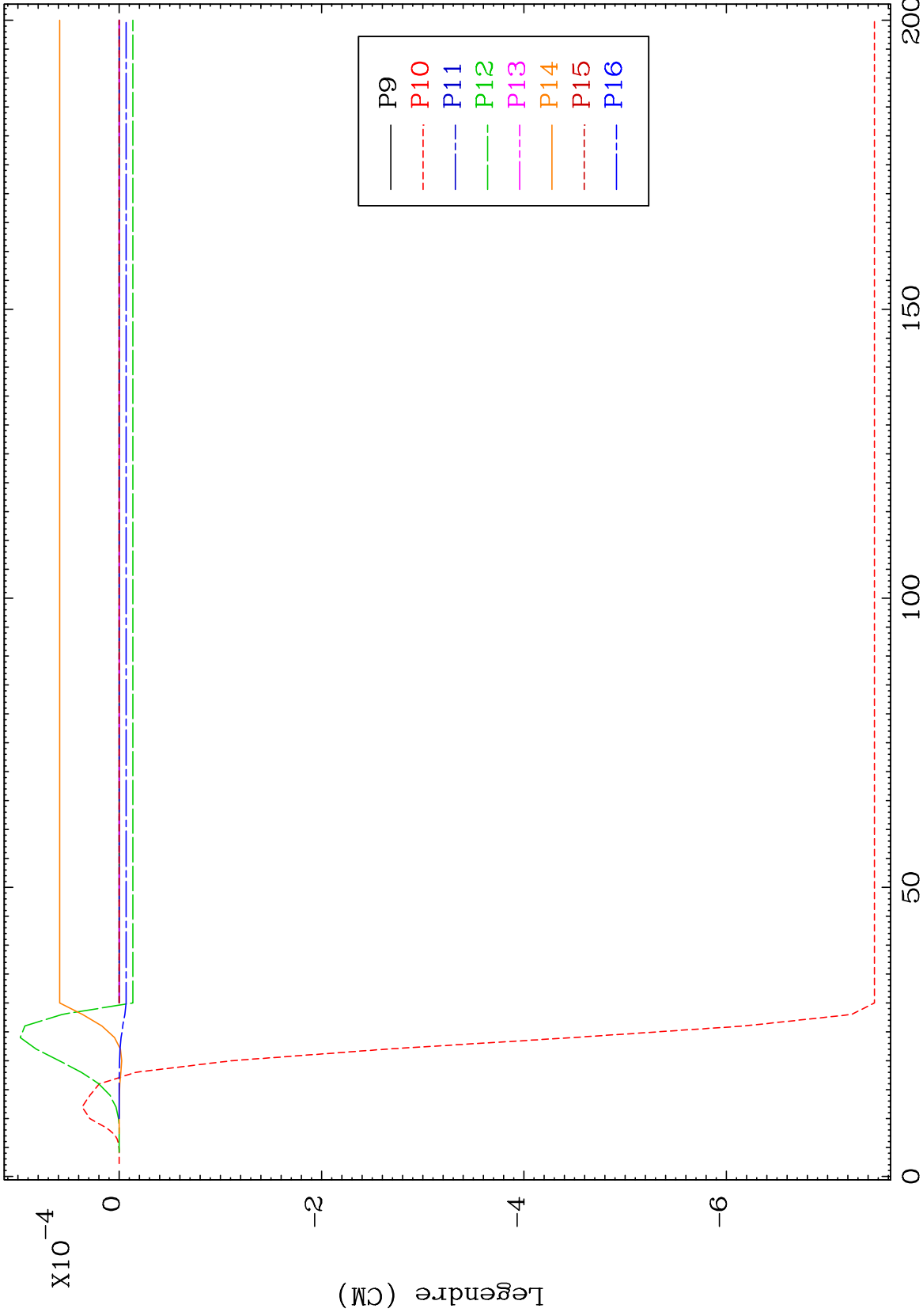


39-Y -97

MAT 3949

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

39-Y -97



47

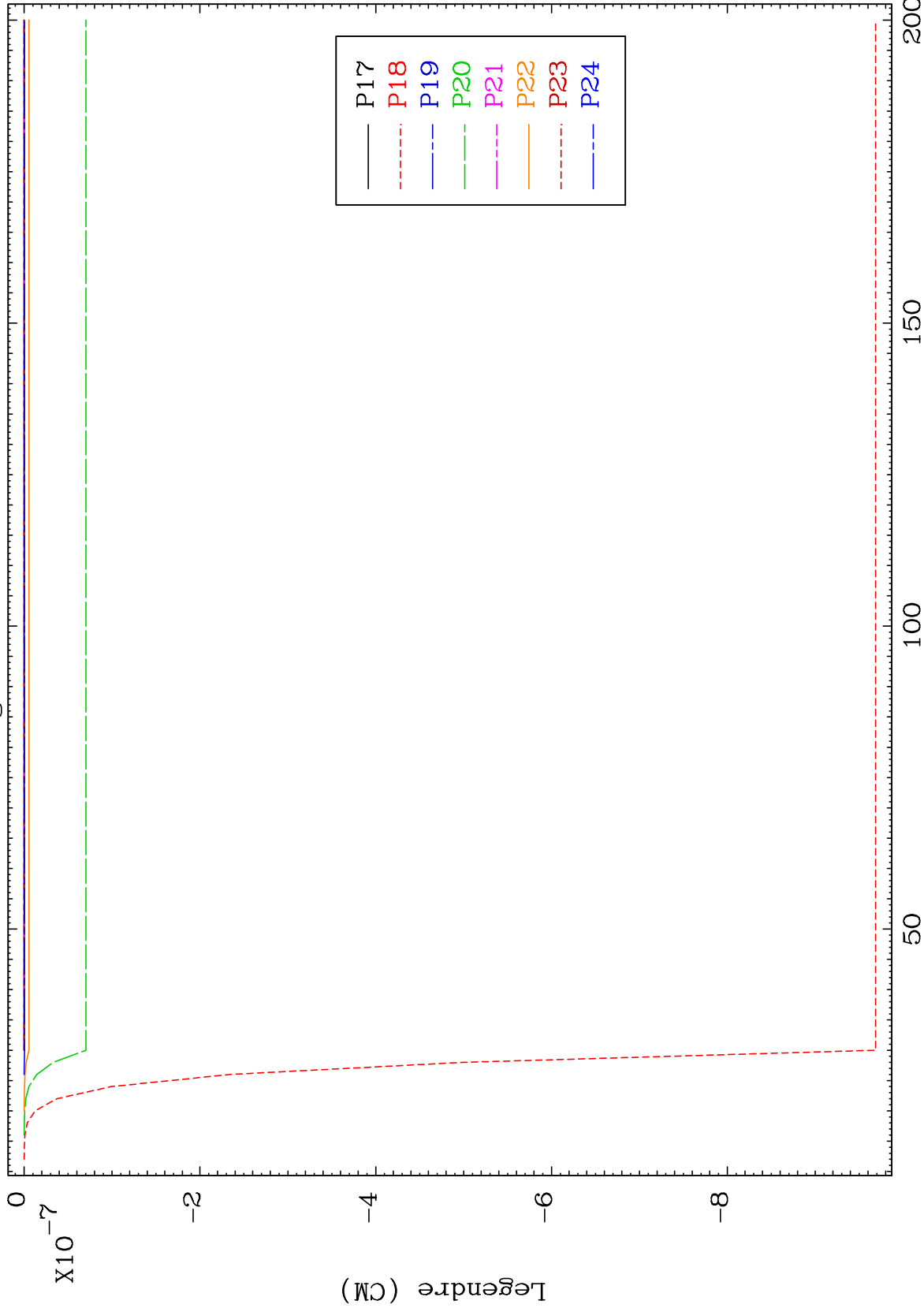
Incident Energy (MeV)

39-Y -97

MAT 3949 MT= 58 (n,n') Level

Legendre Coefficients

39-Y -97

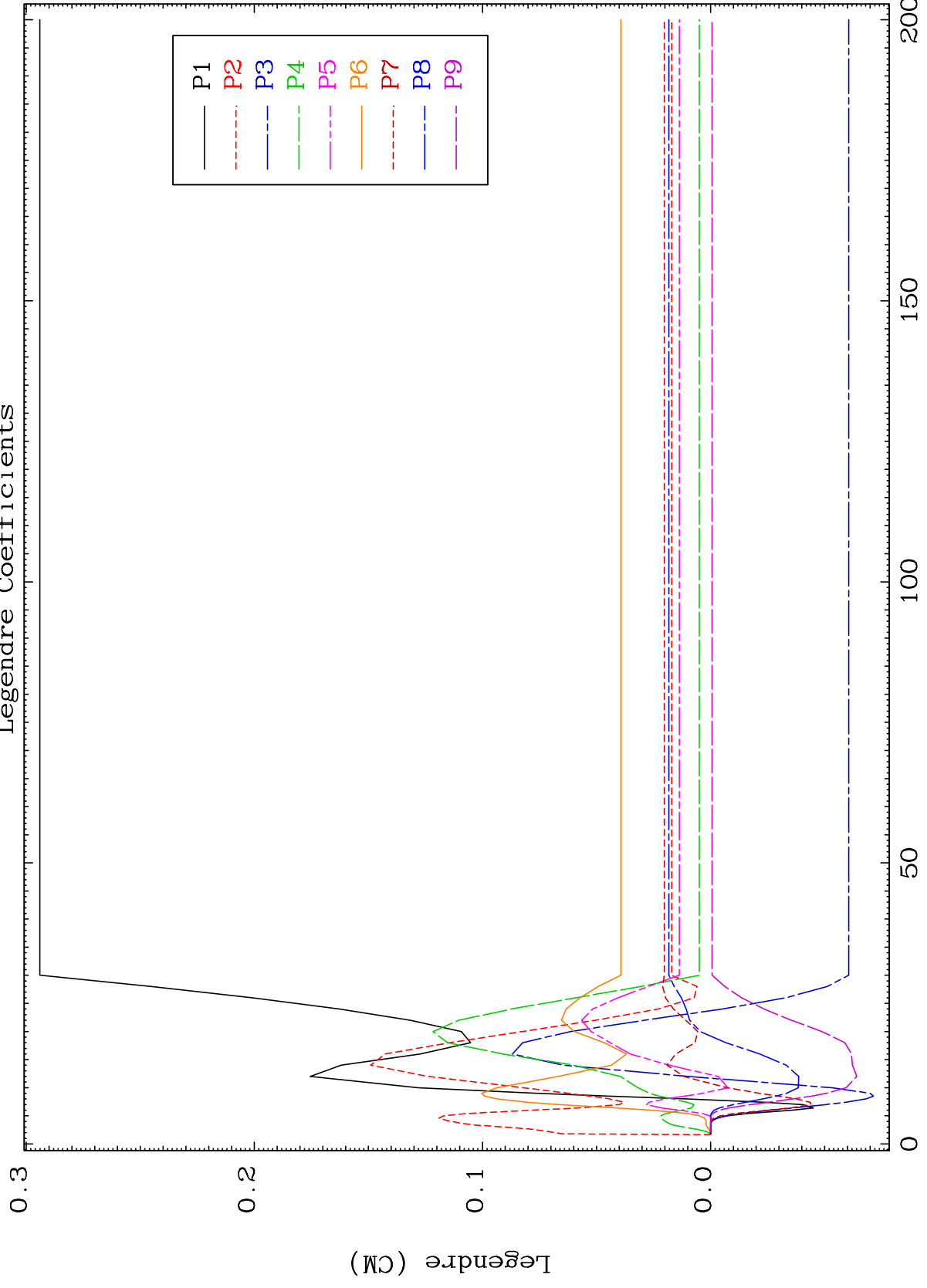


39-Y -97

Incident Energy (MeV)

48

MAT 3949 MT= 59 (n,n') Level Legendre Coefficients 39-Y -97

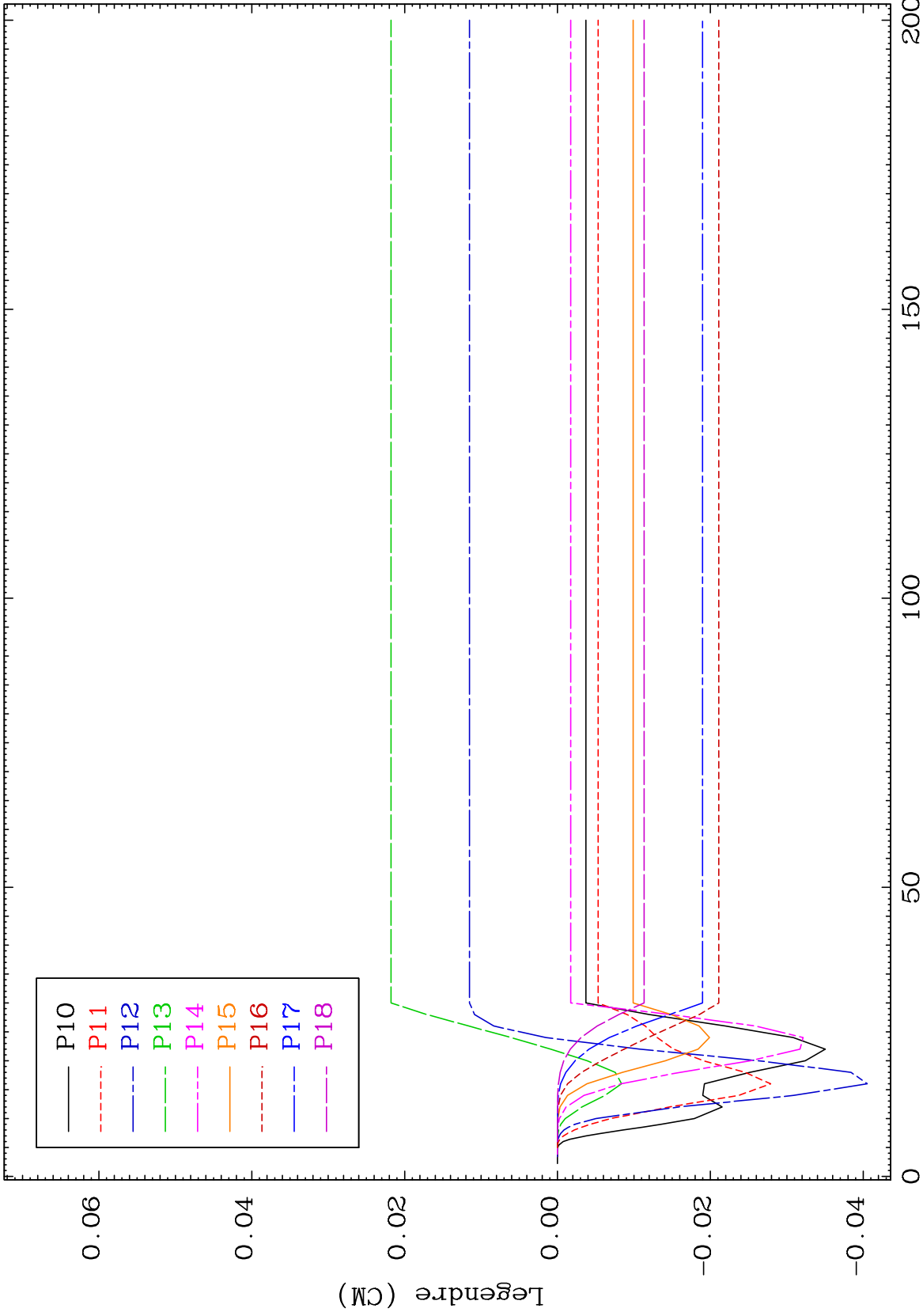


49 Incident Energy (MeV) 39-Y -97

MAT 3949

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

39-Y -97



50

Incident Energy (MeV)

50

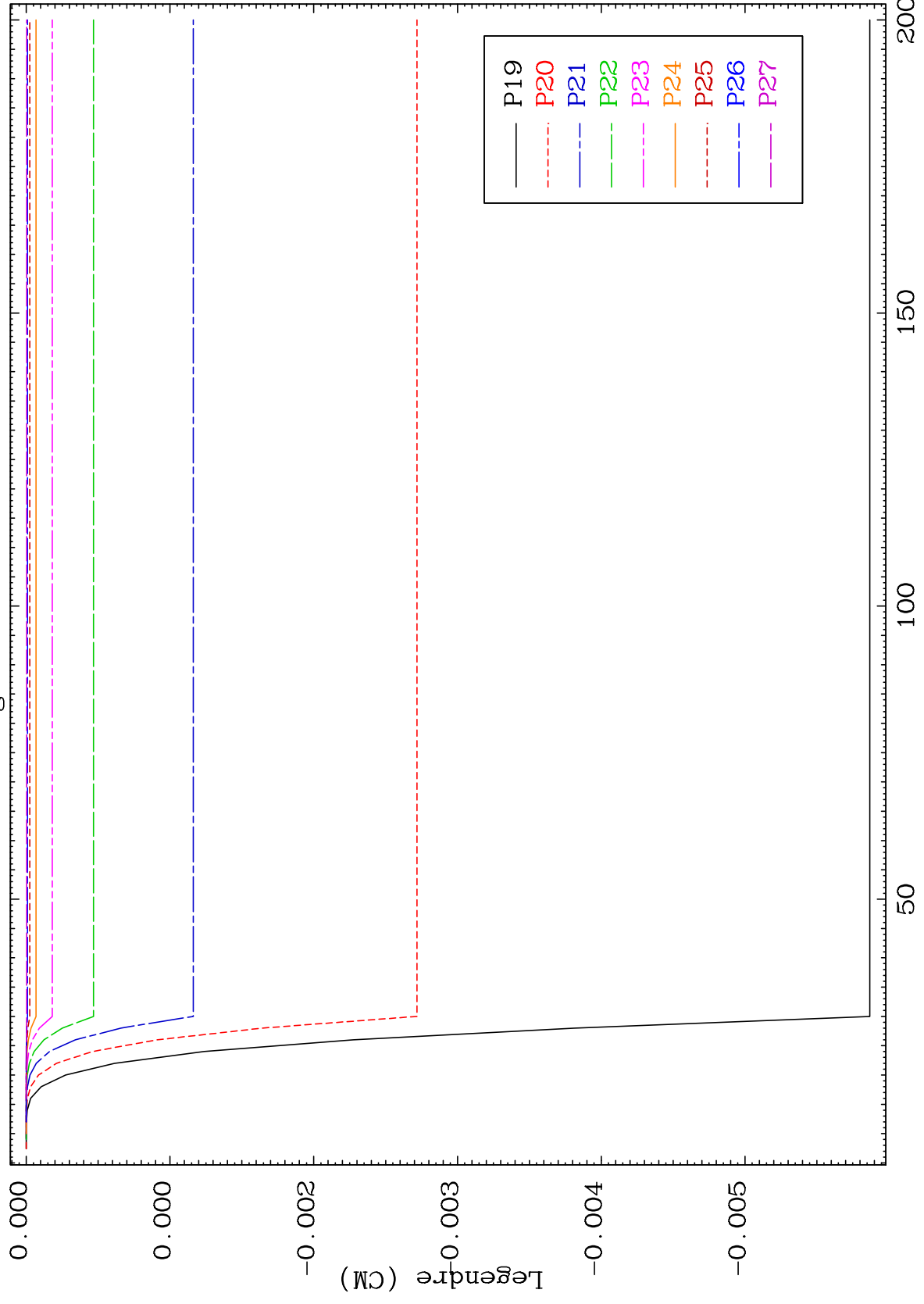
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150

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39-Y -97

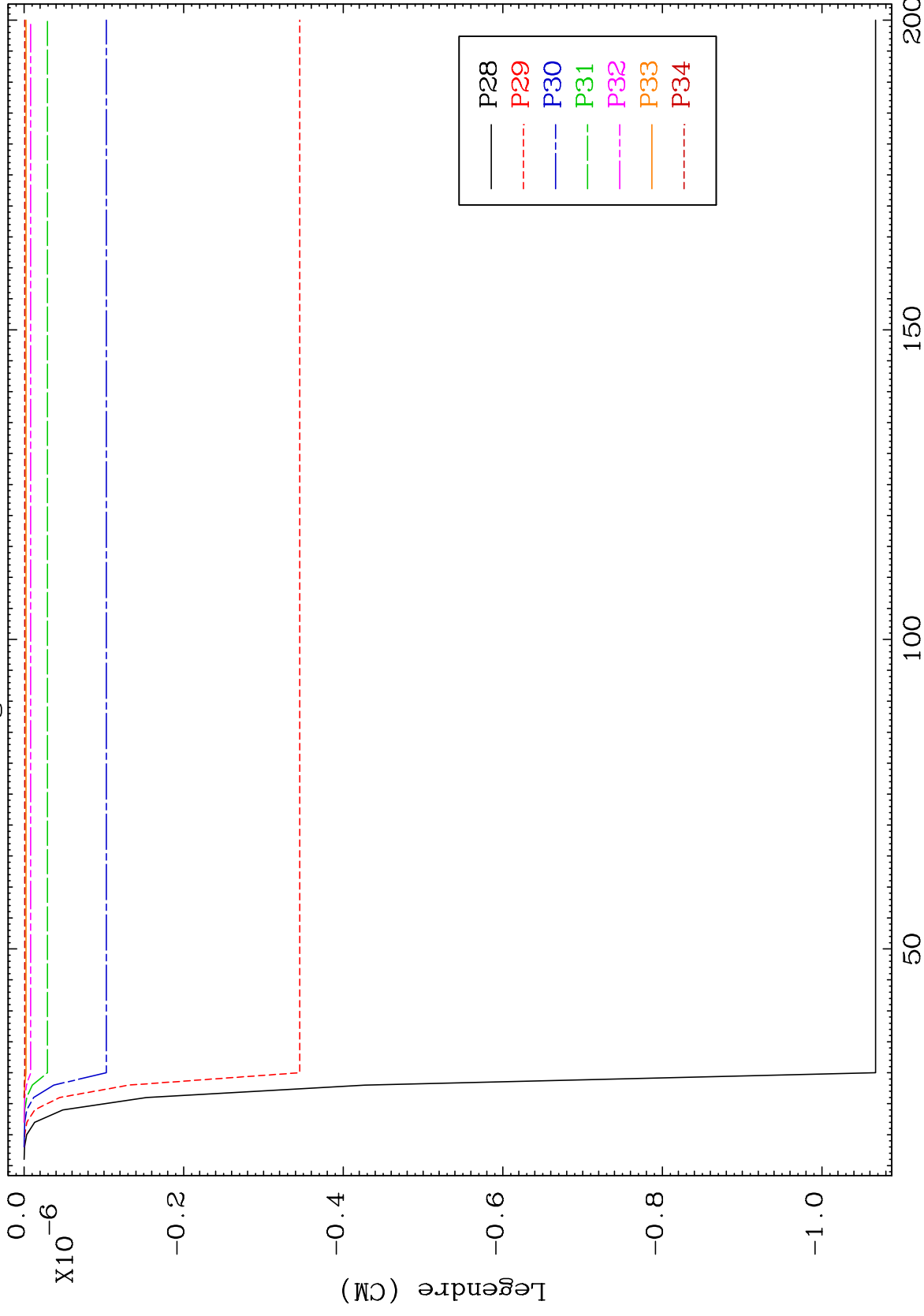
MAT 3949 MT= 59 (n,n') Level Legendre Coefficients 39-Y -97



MAT 3949

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

39-Y -97



39-Y -97

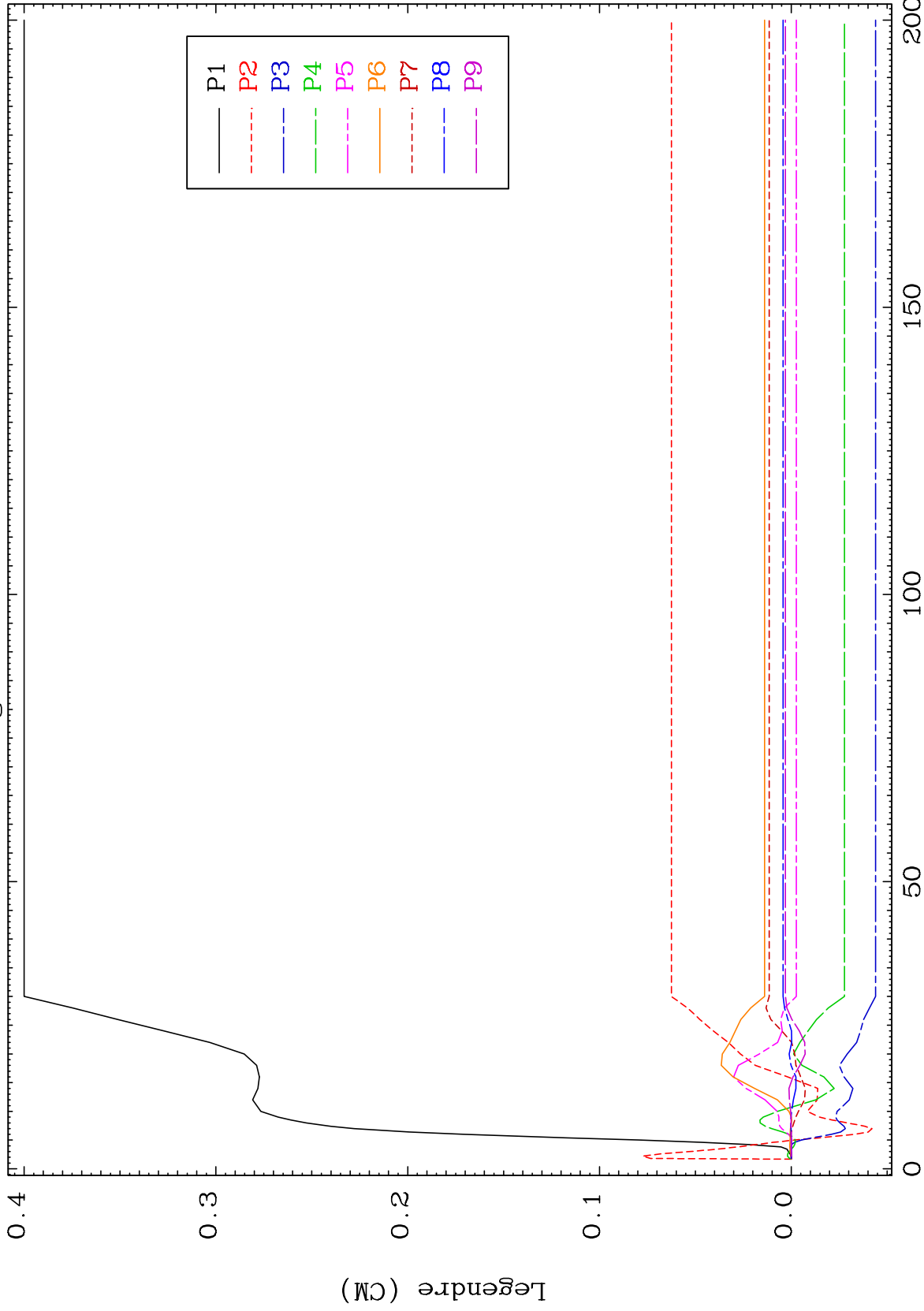
Incident Energy (MeV)

52

MAT 3949

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

39-Y -97



53

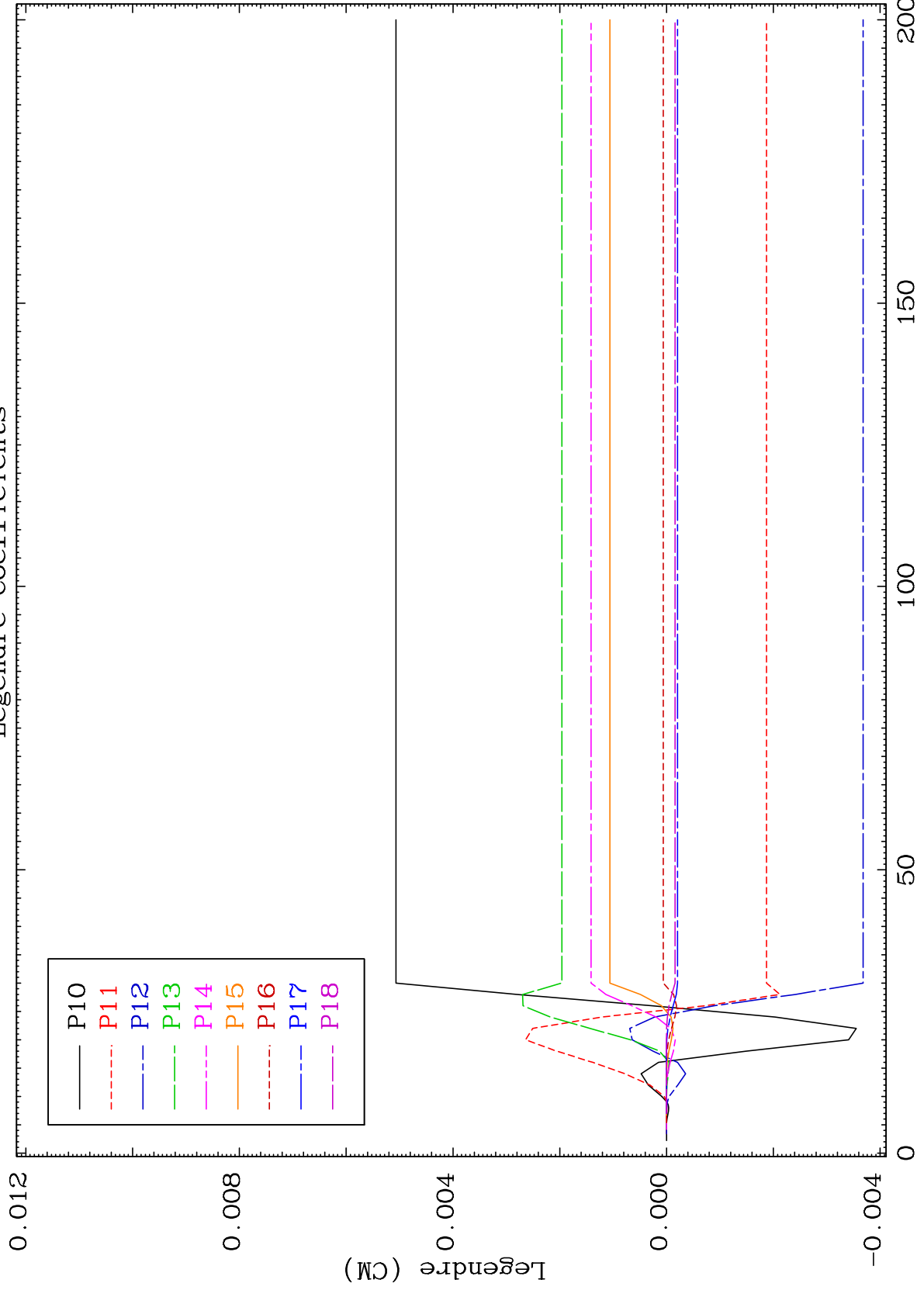
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



54

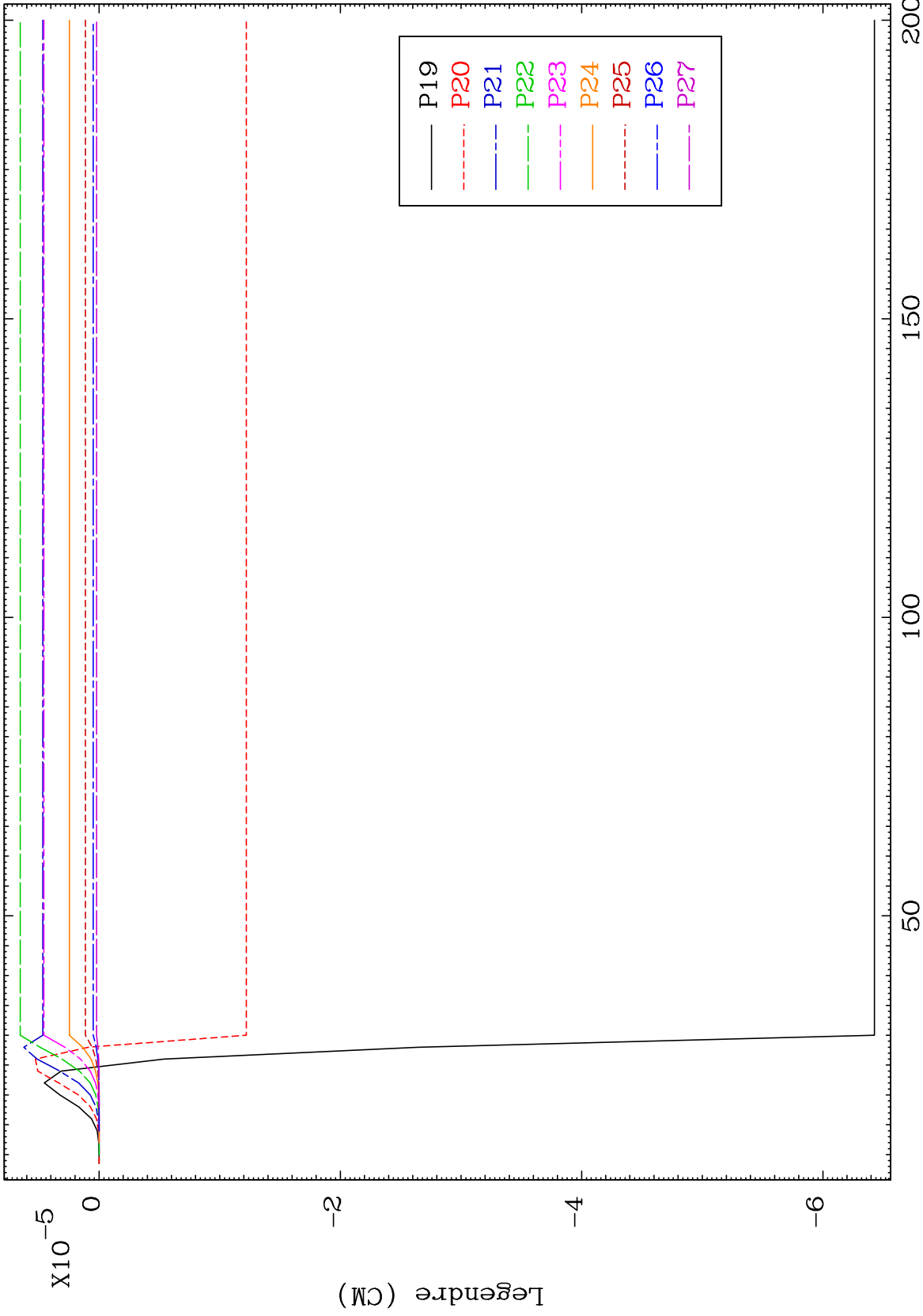
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



55

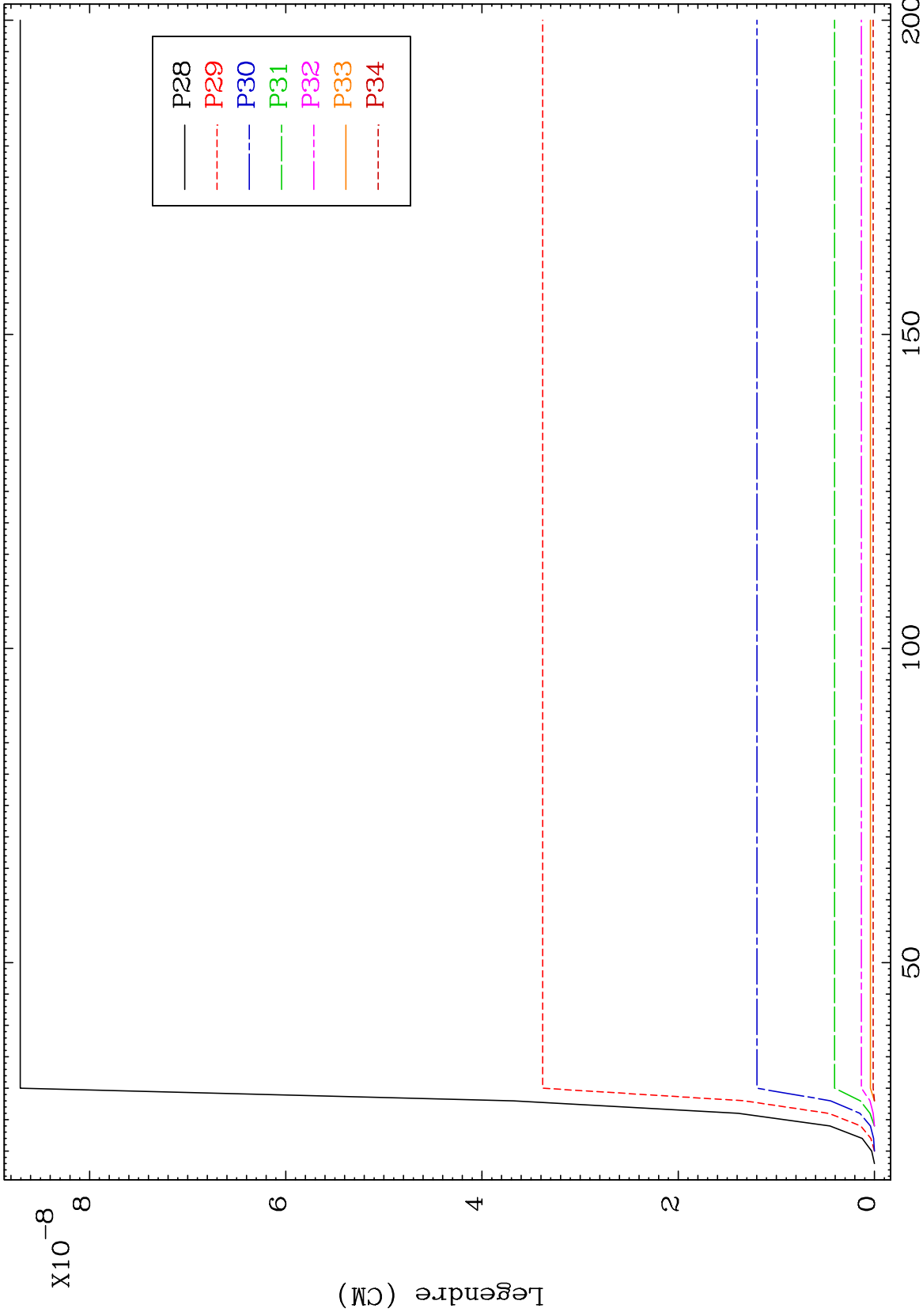
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



56

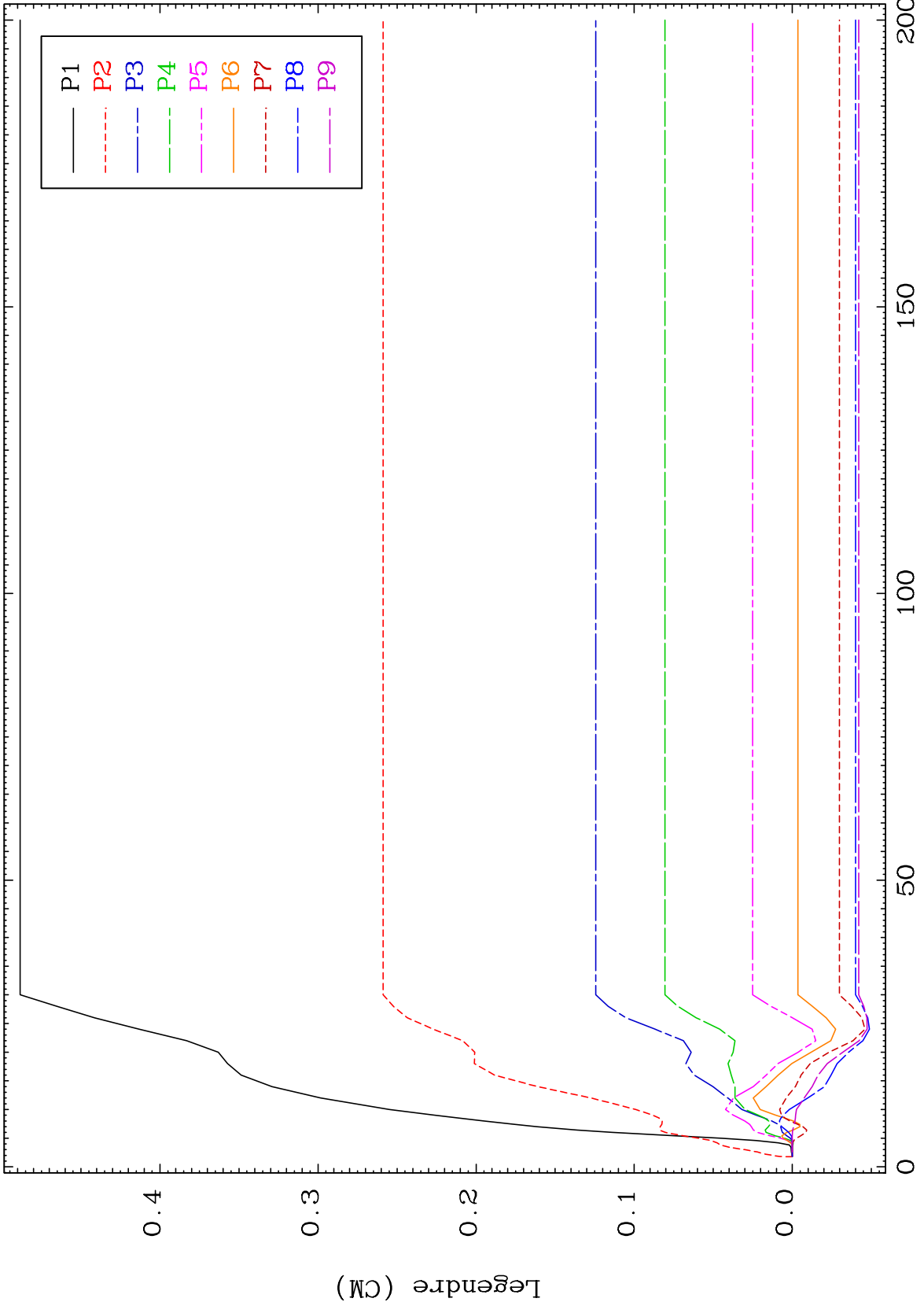
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



57

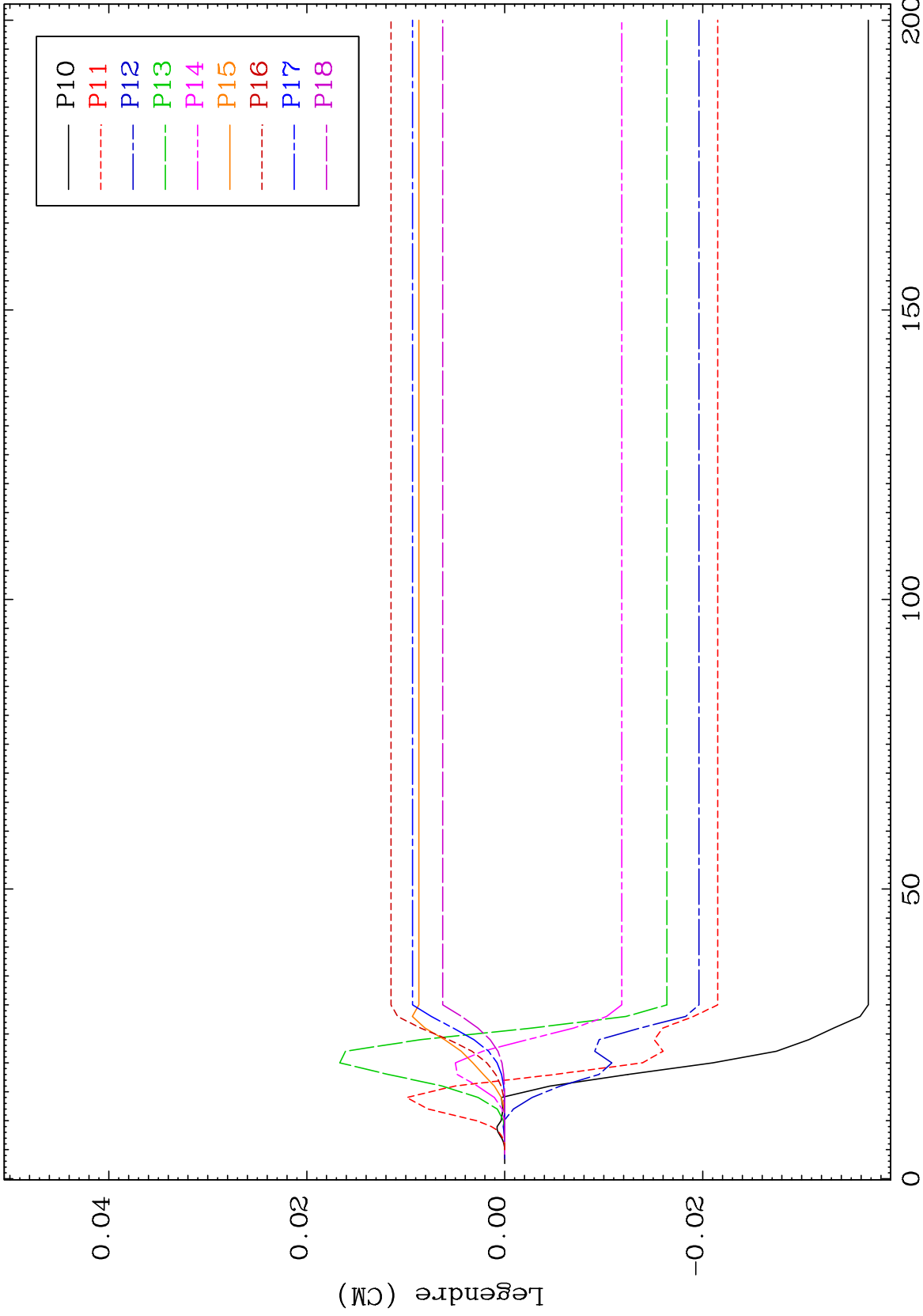
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



58

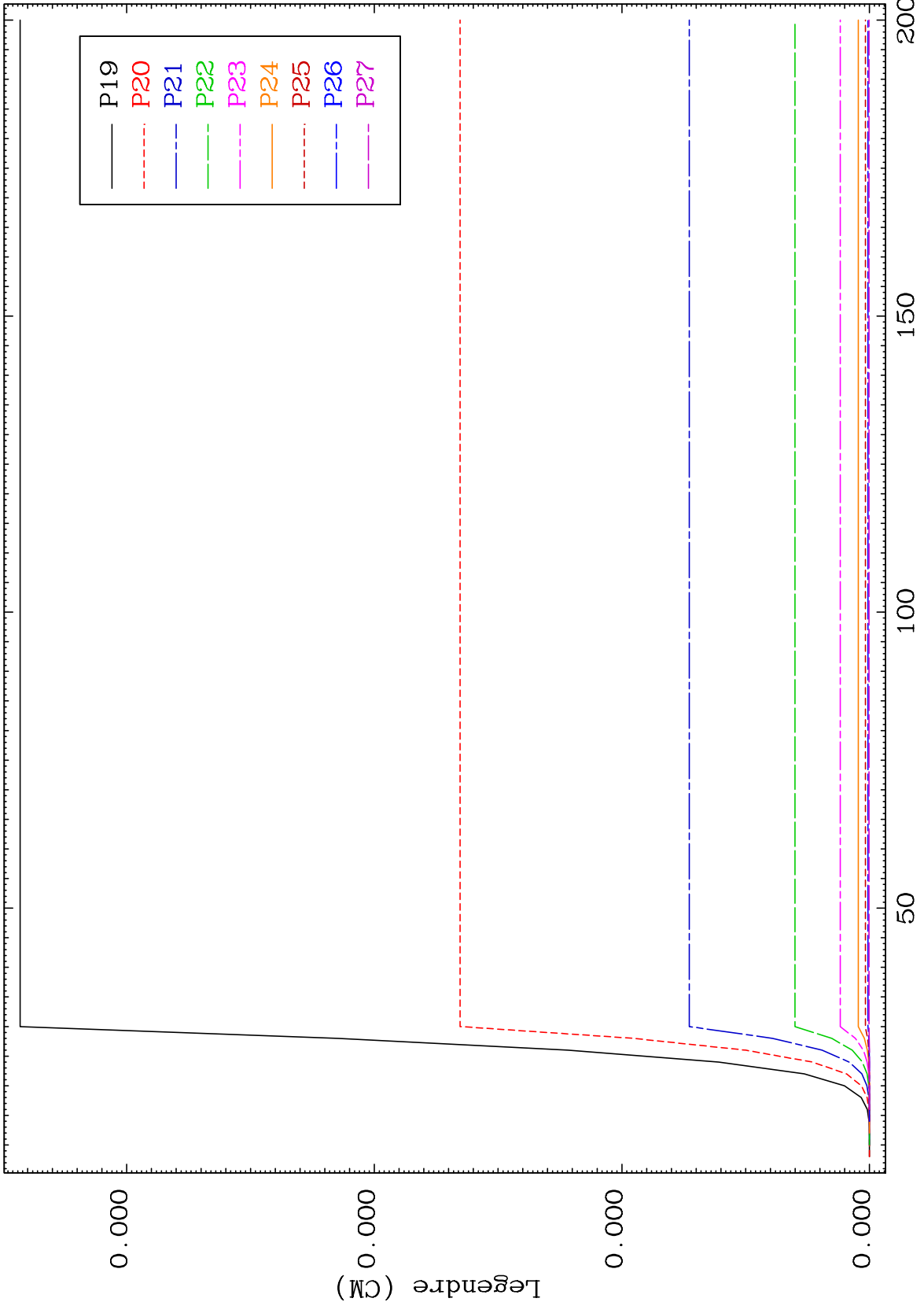
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



59

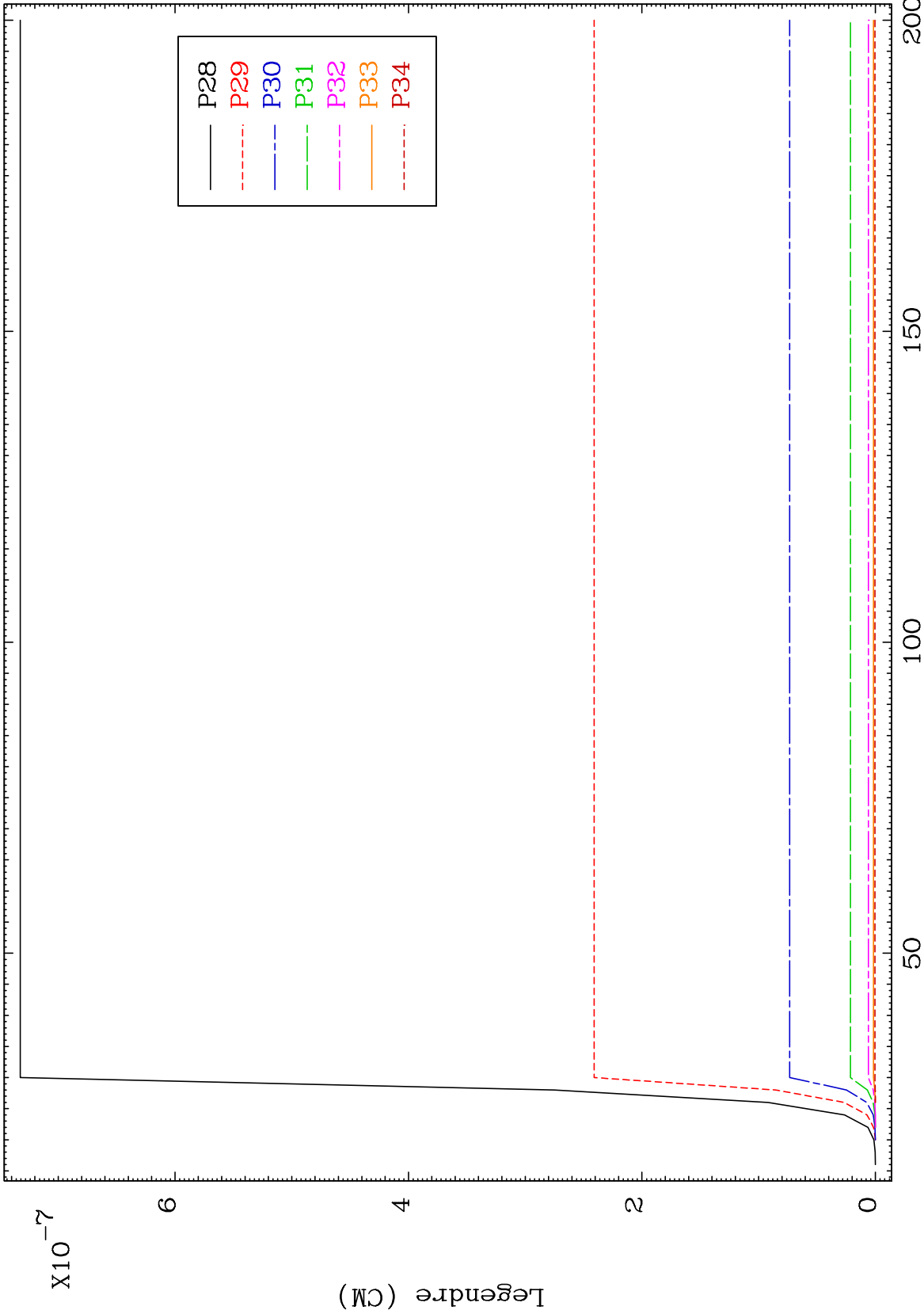
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



60

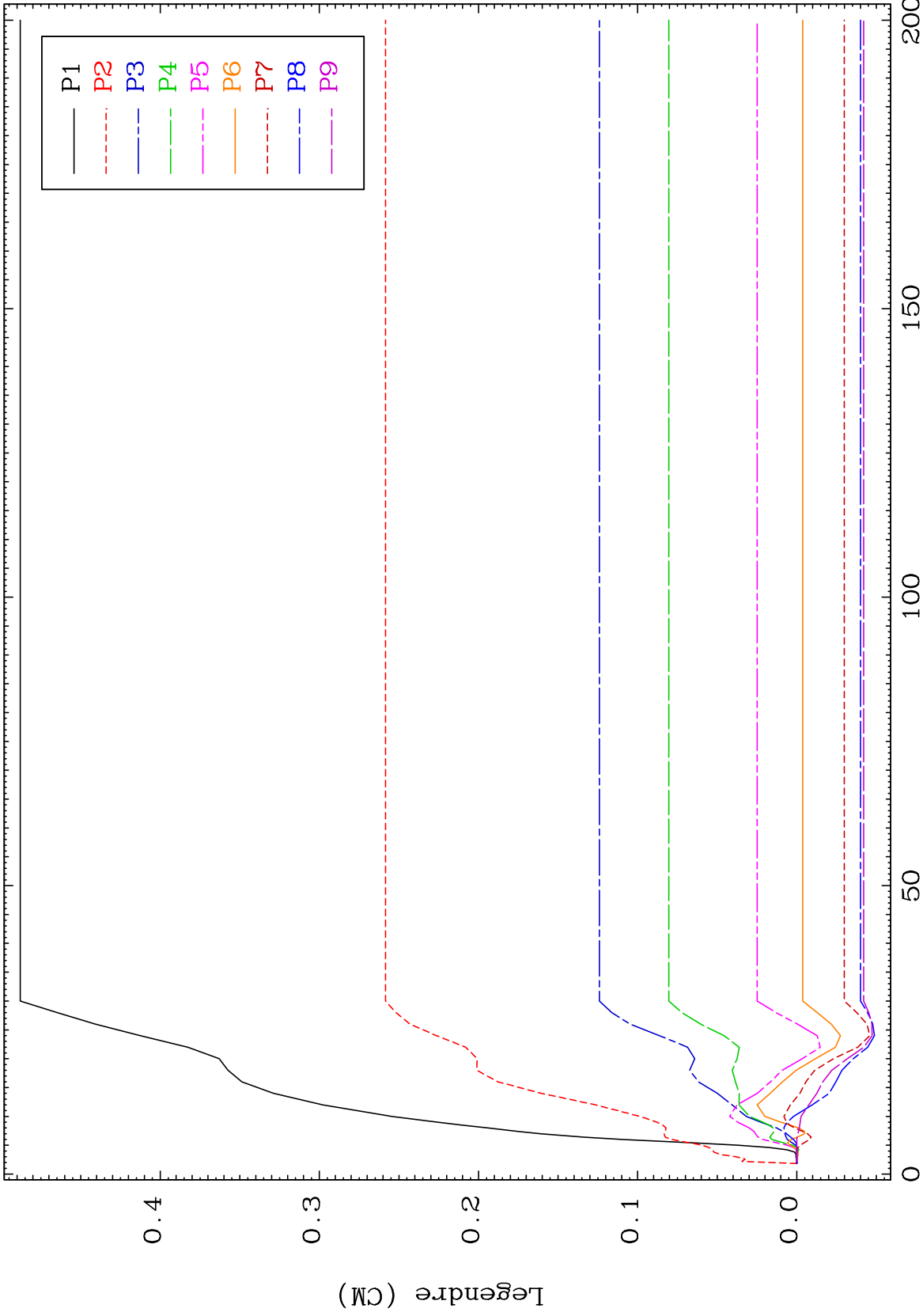
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



61

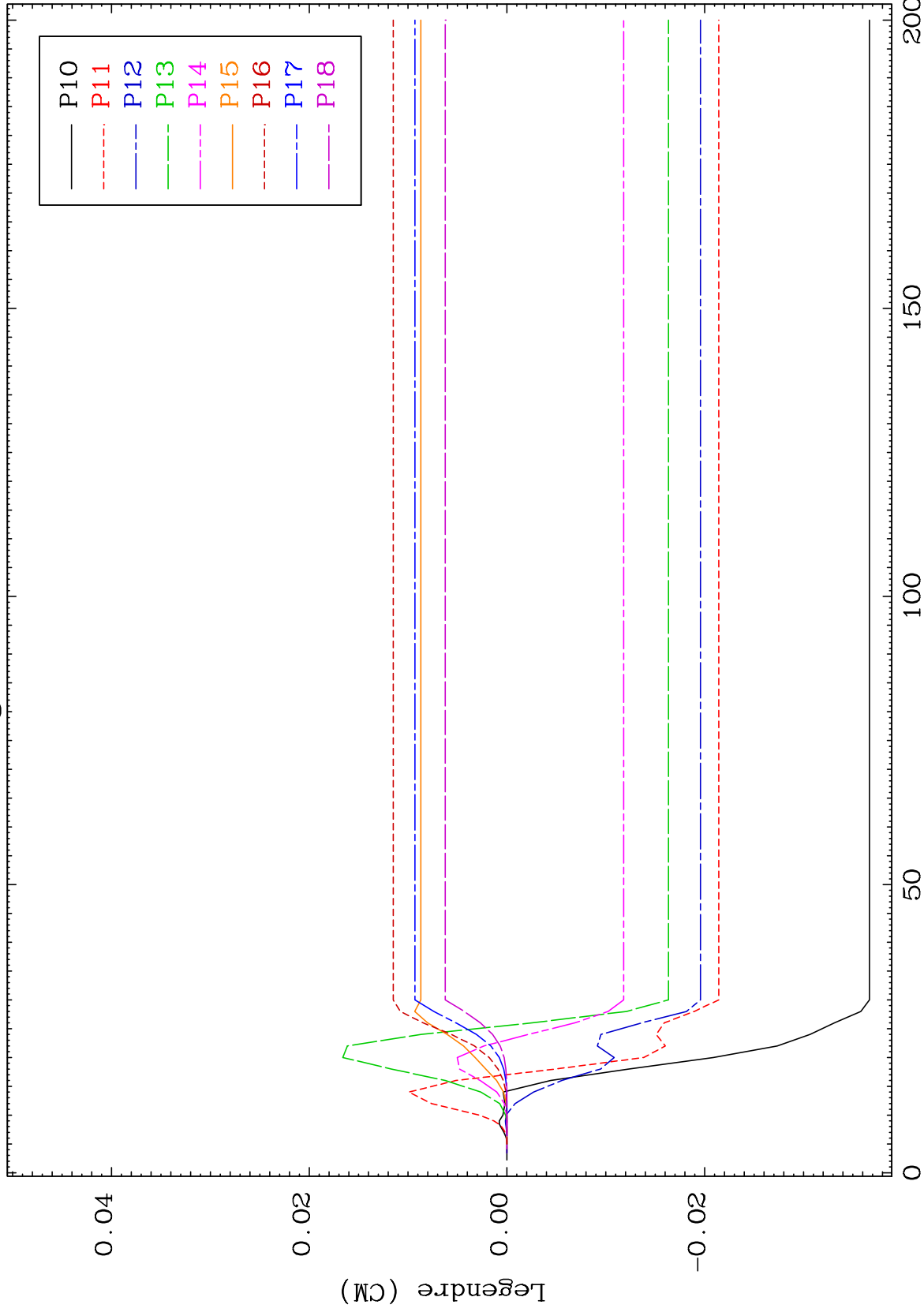
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



62

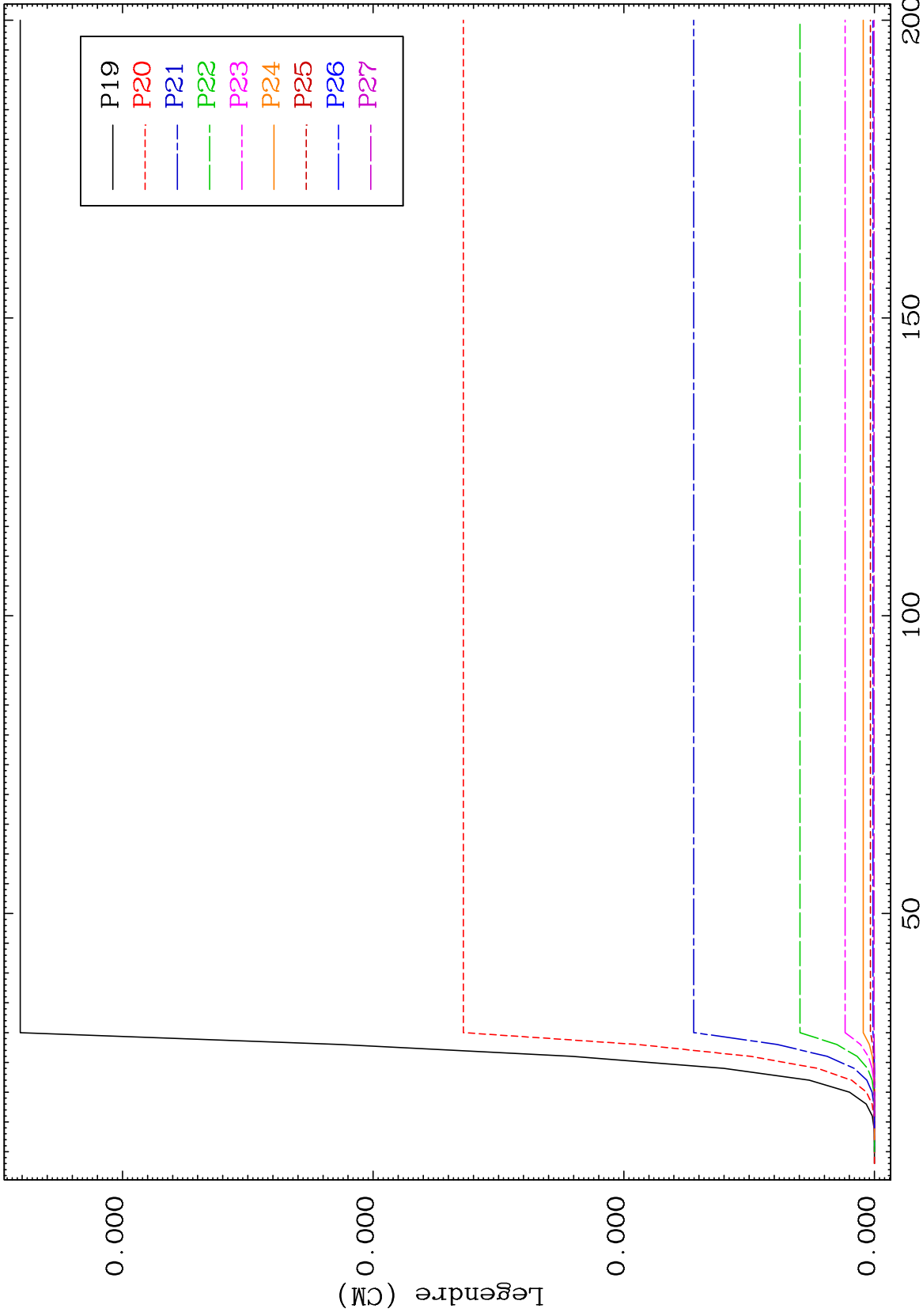
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



63

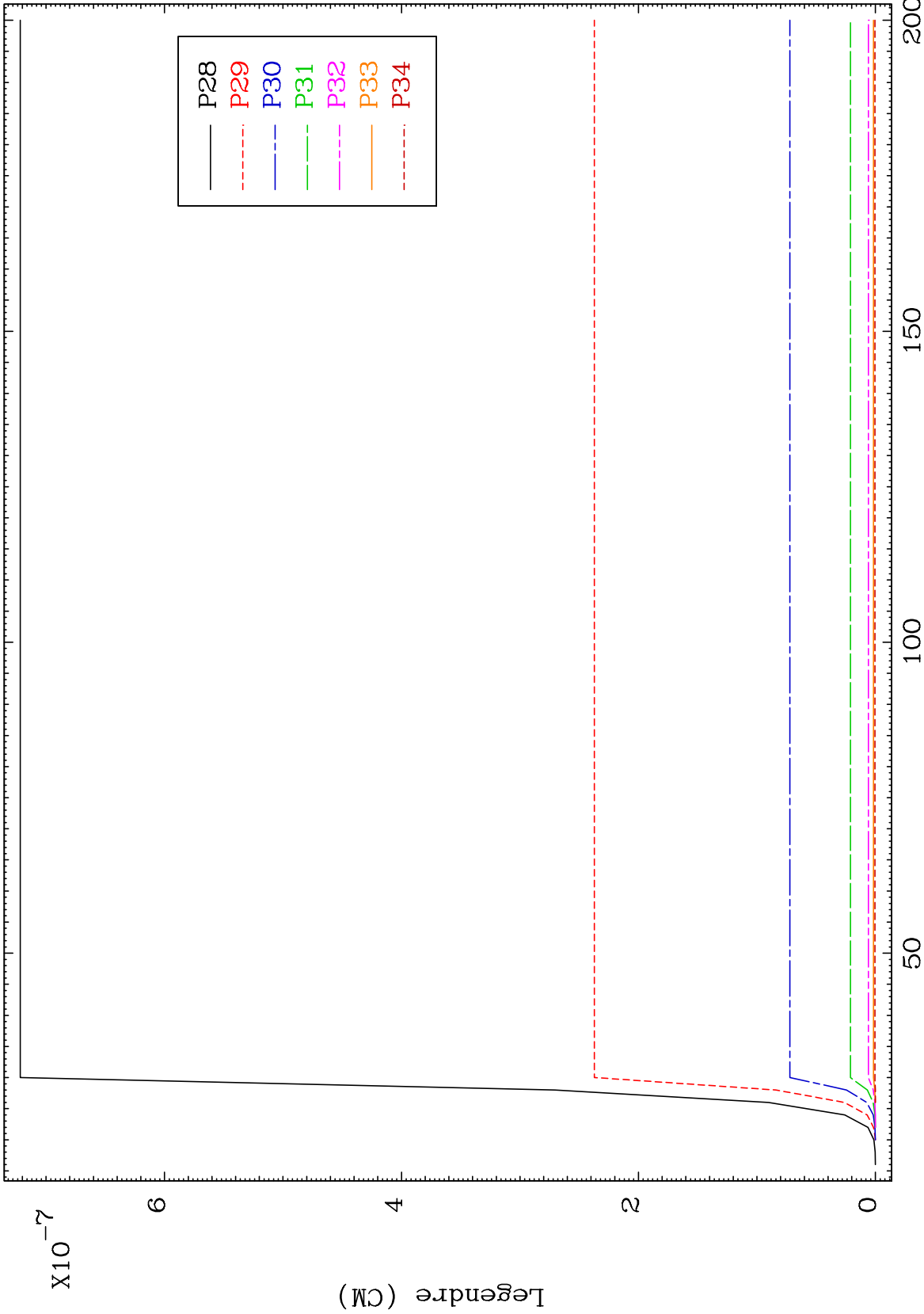
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



64

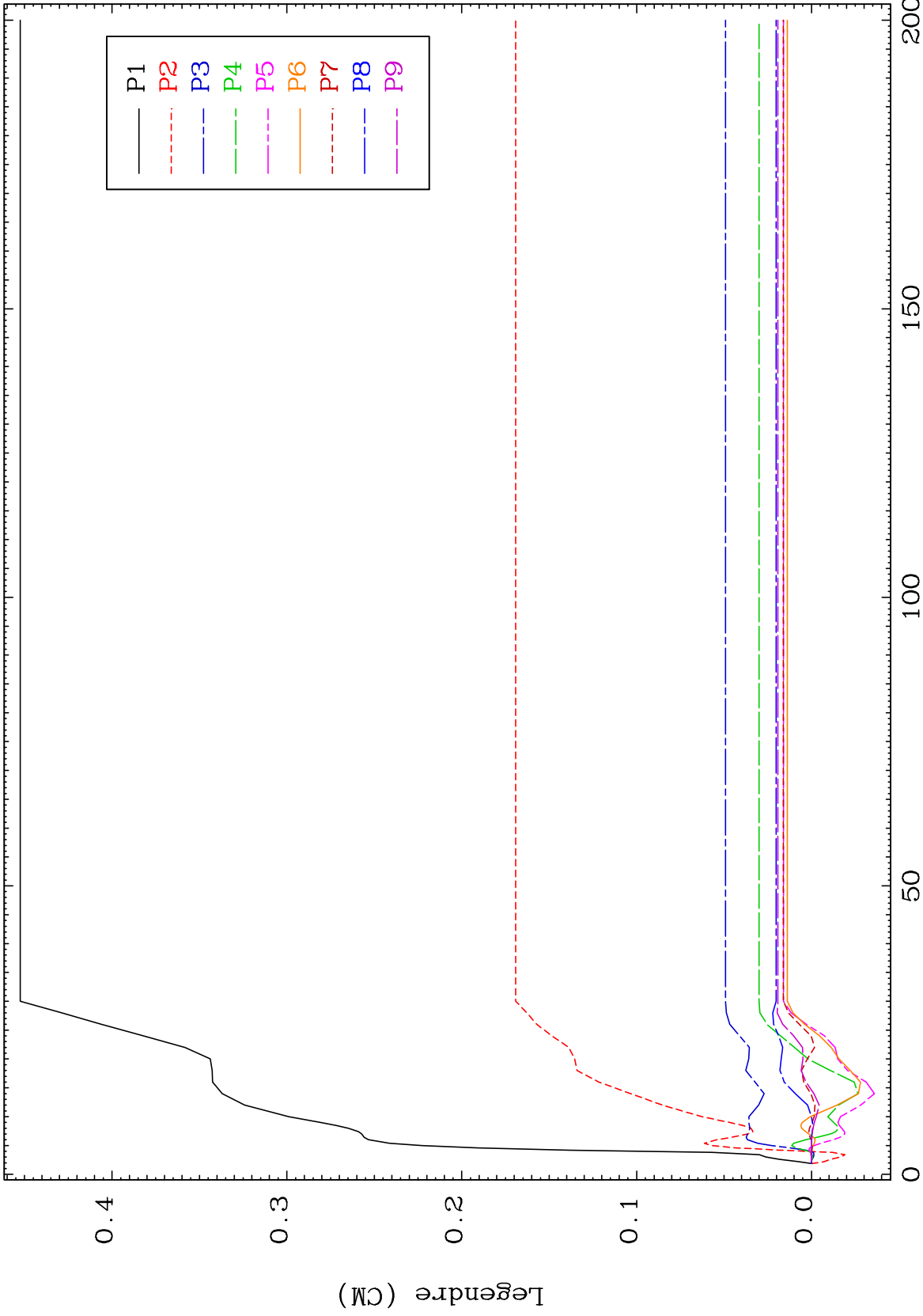
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



65

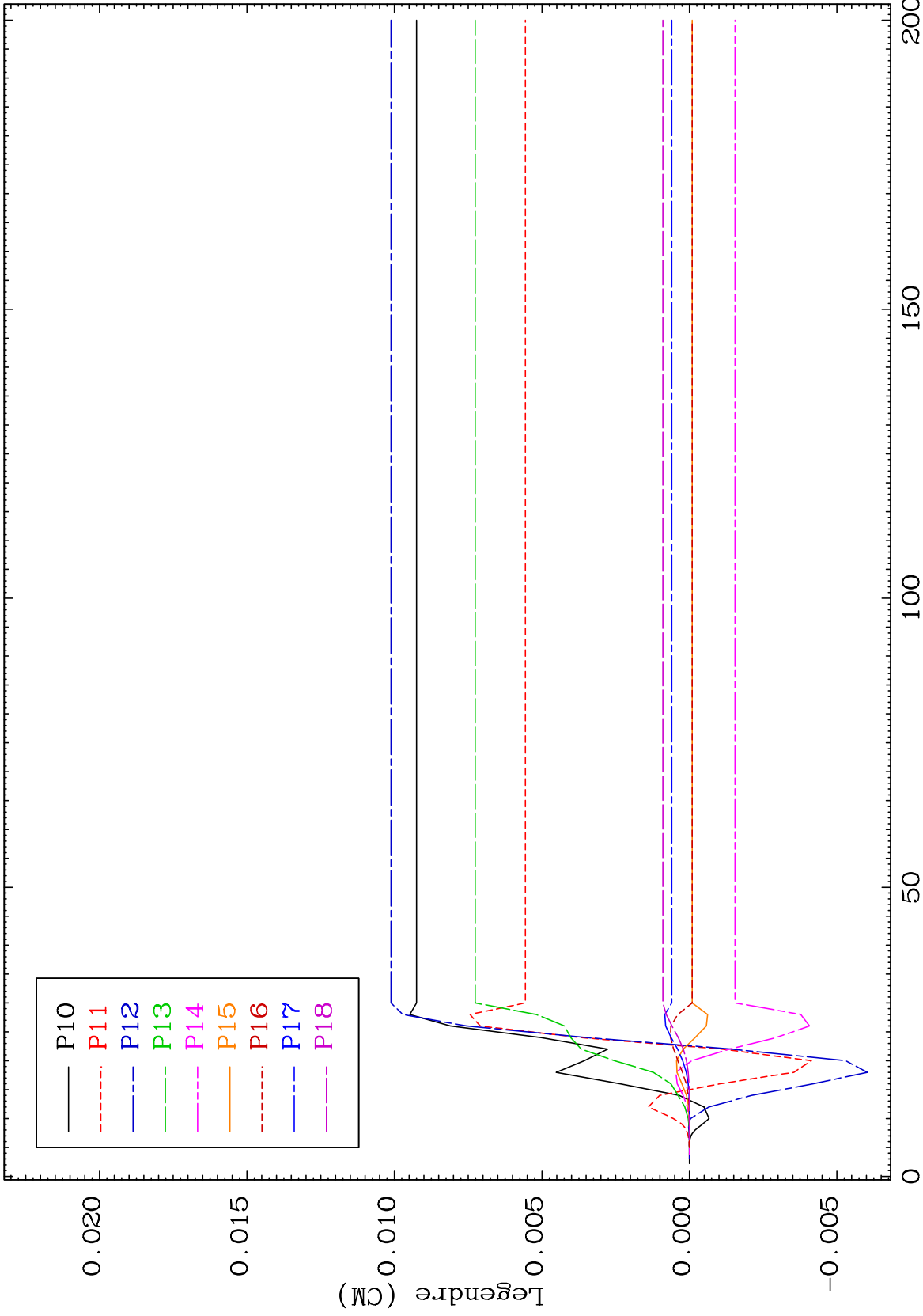
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



66

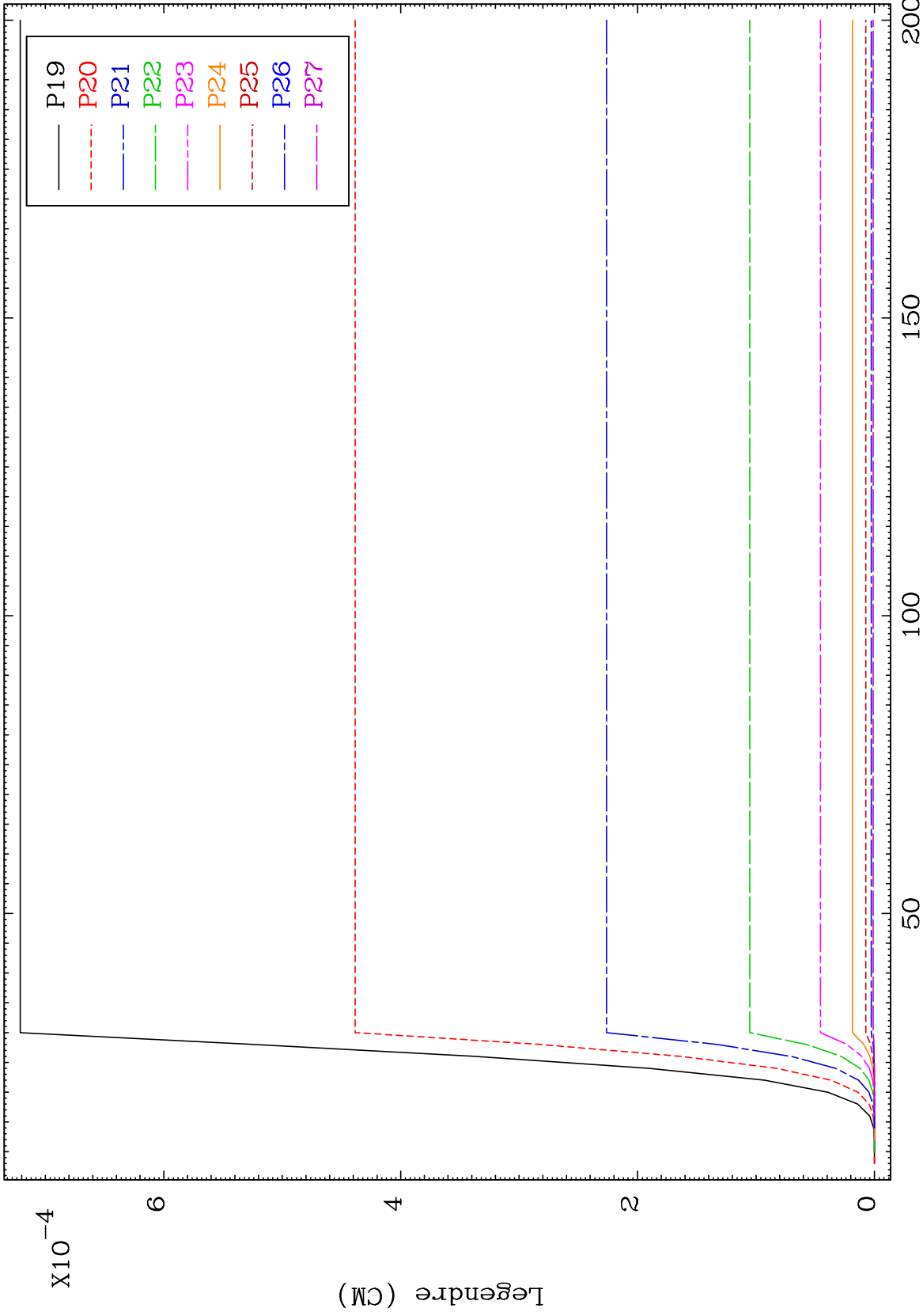
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



67

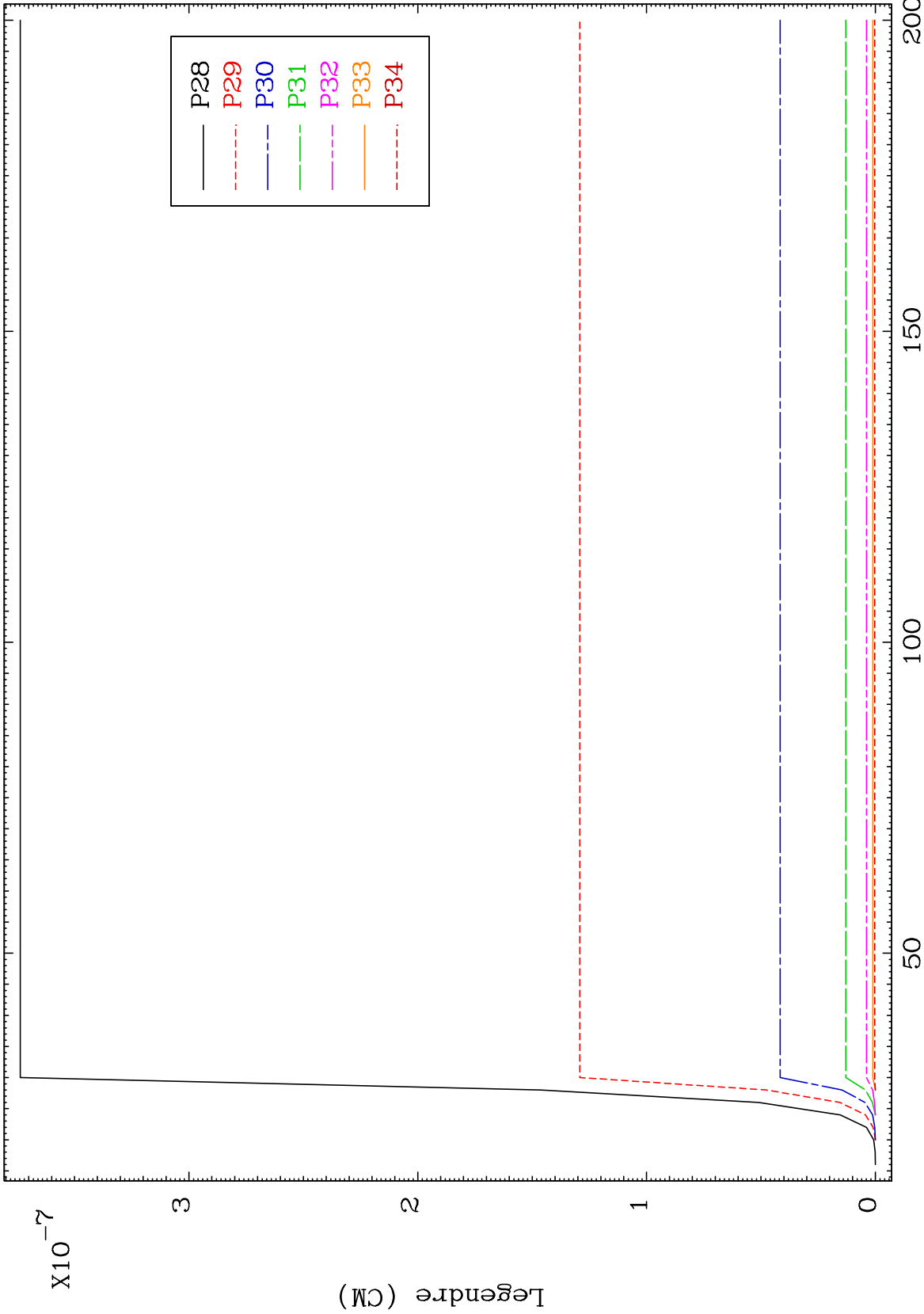
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



68

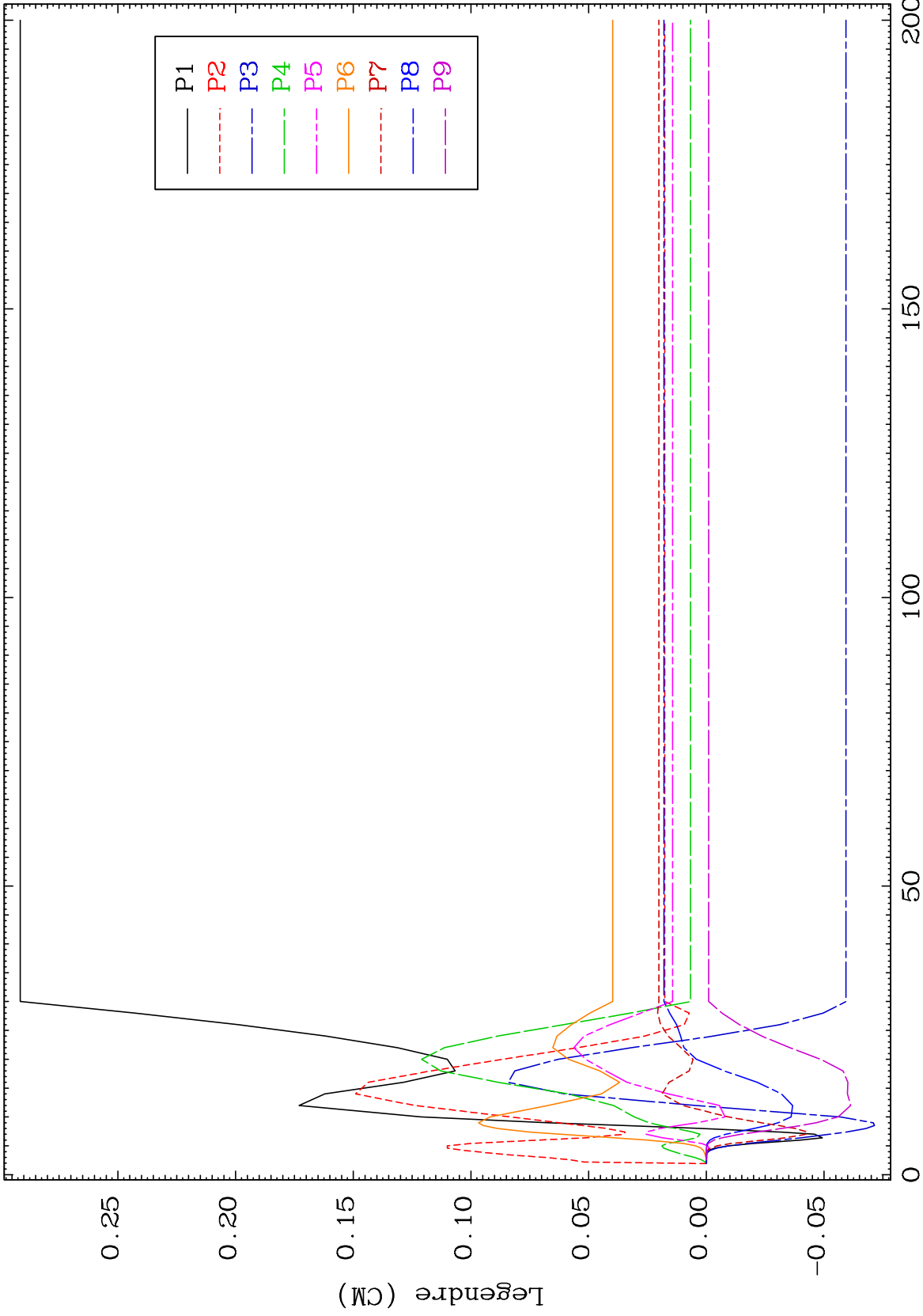
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



69

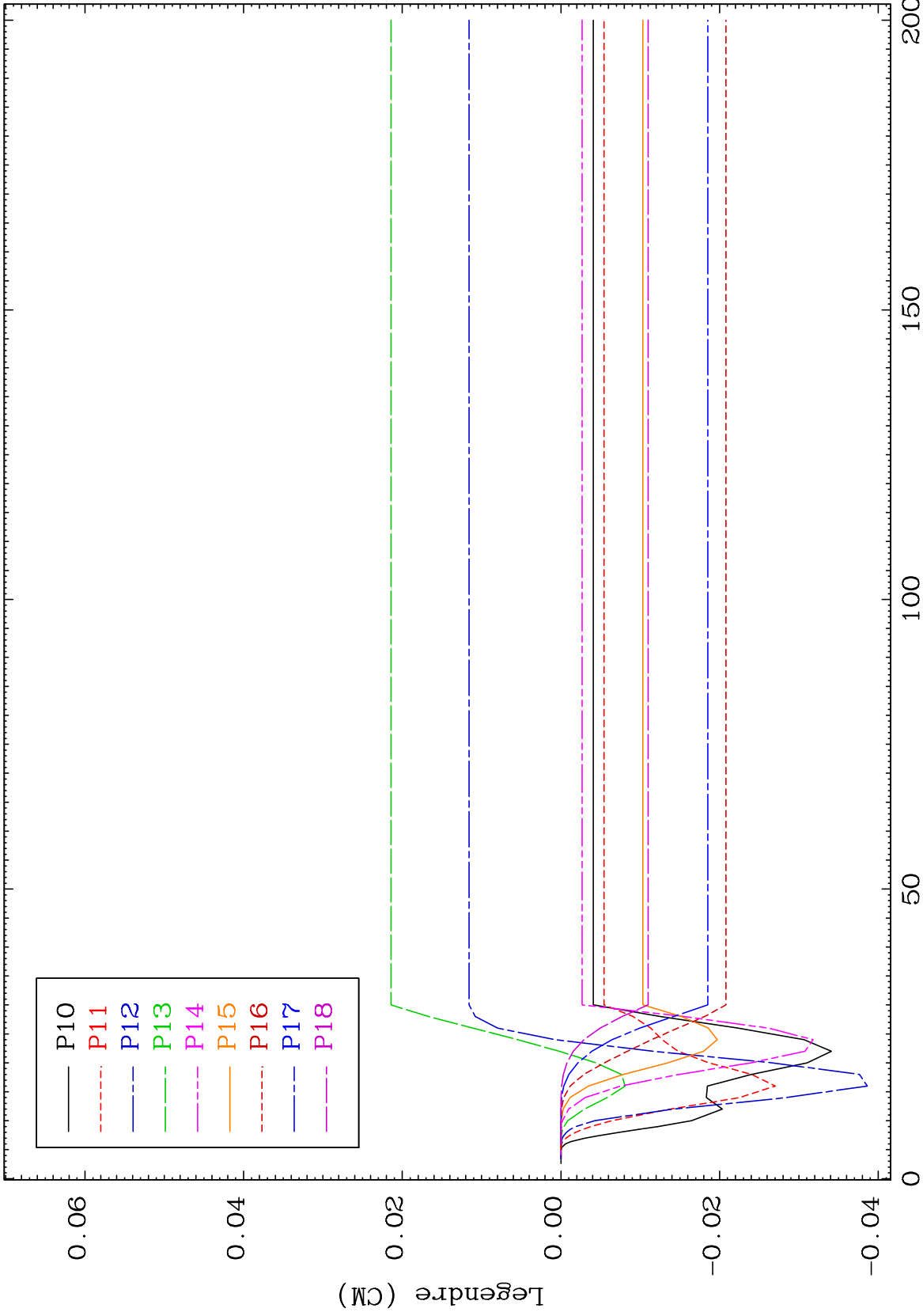
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



70

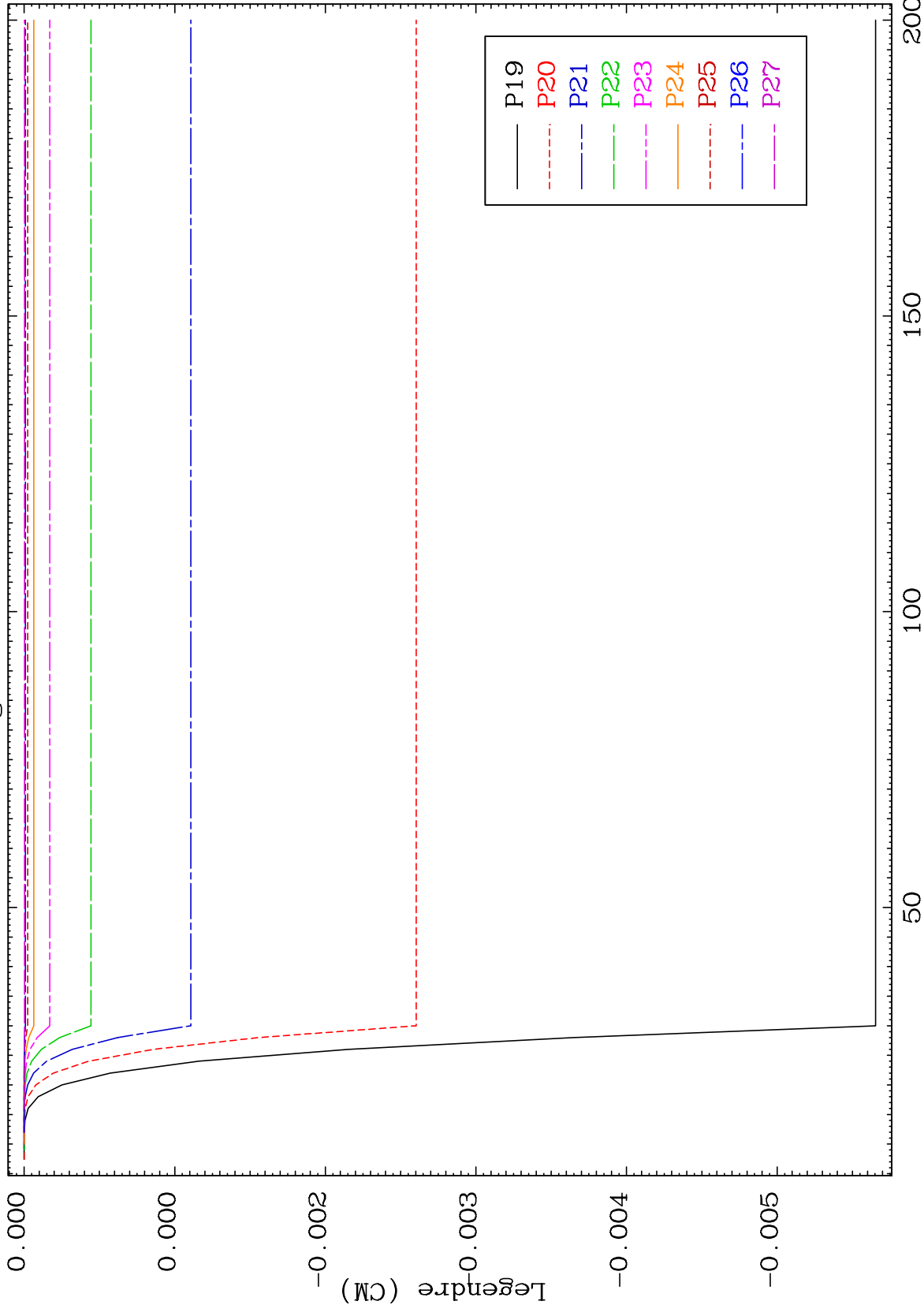
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



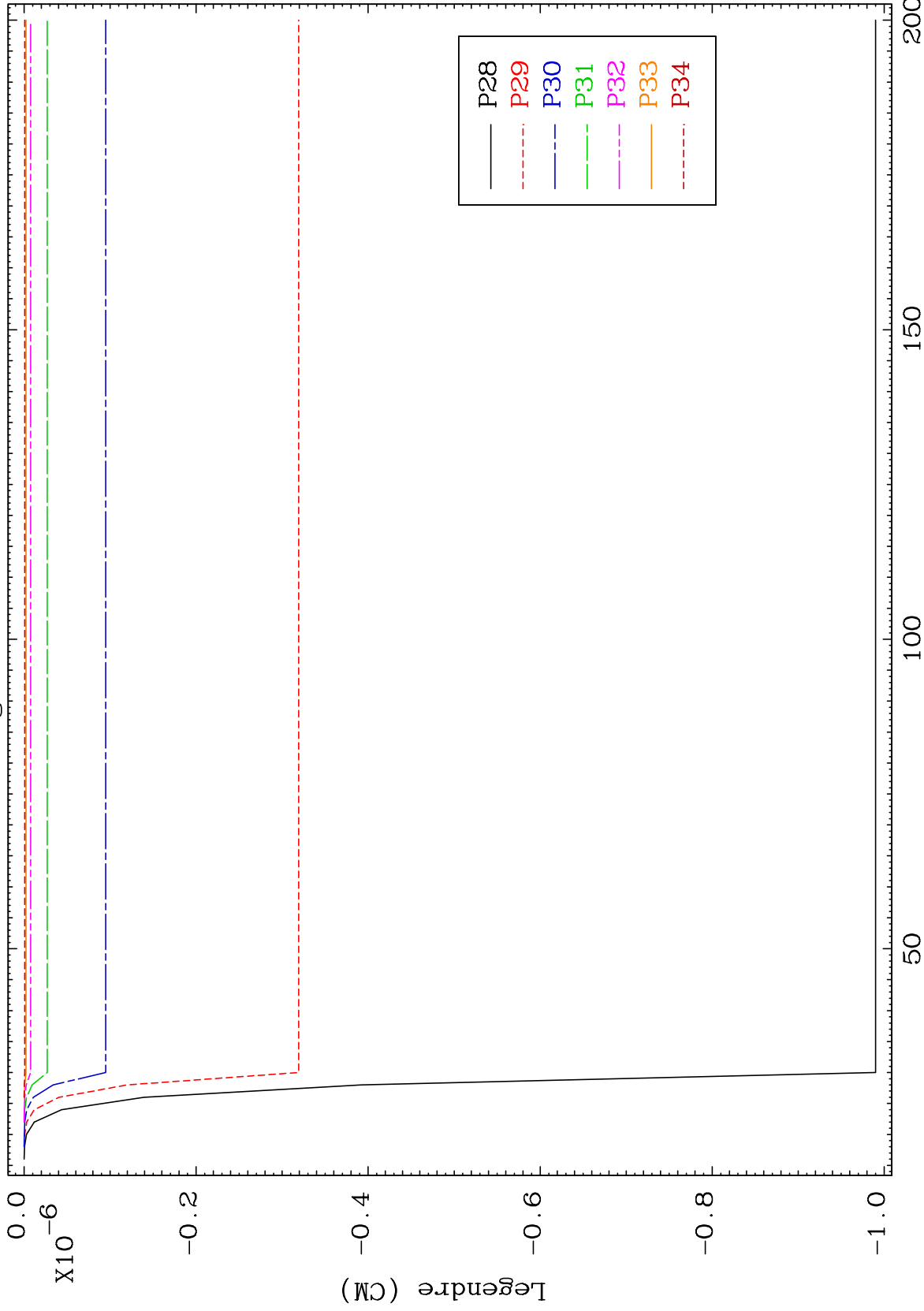
39-Y -97

Incident Energy (MeV)

71

MAT 3949 MT= 64 (n,n') Level 39-Y -97

Legendre Coefficients



72

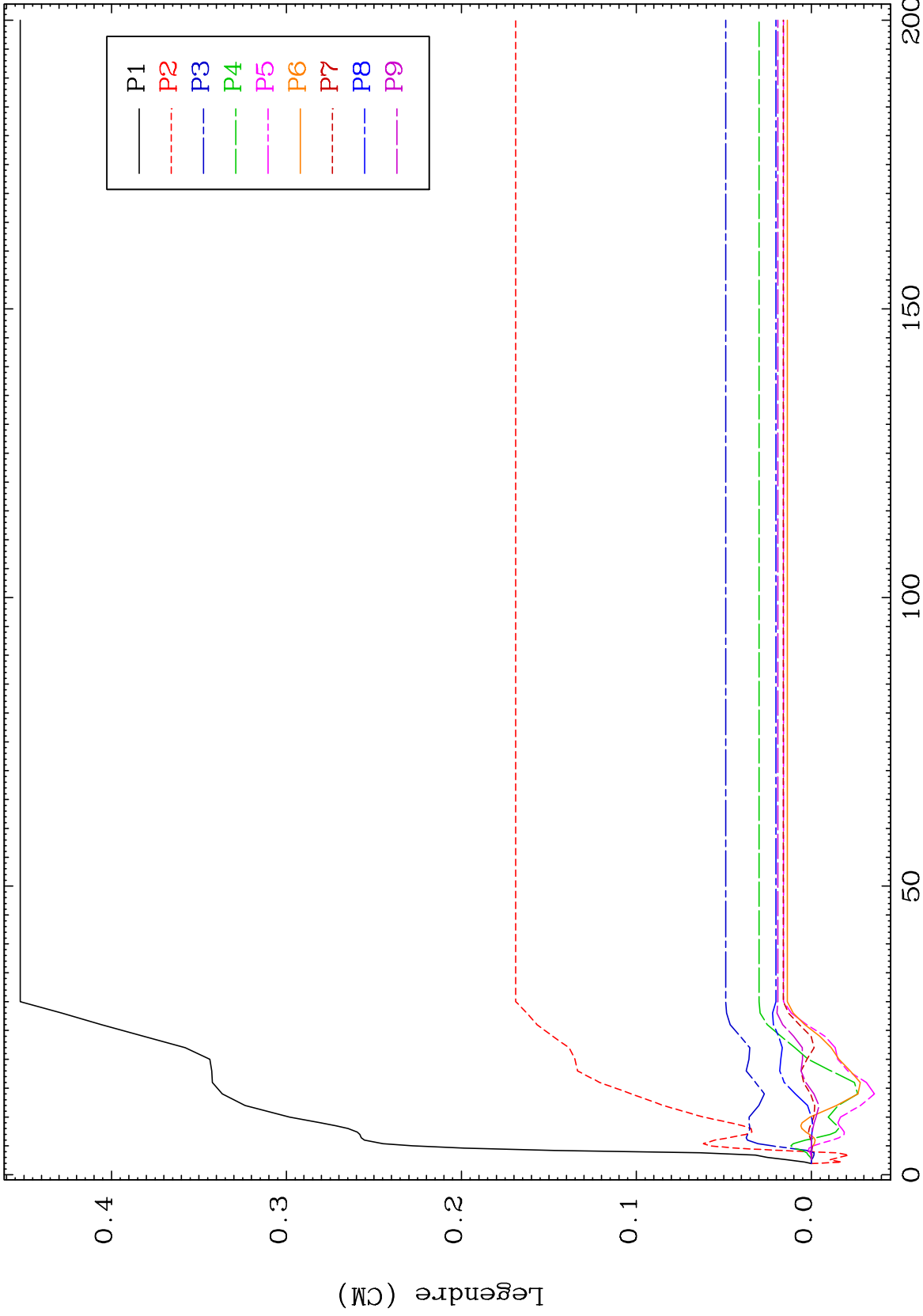
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



73

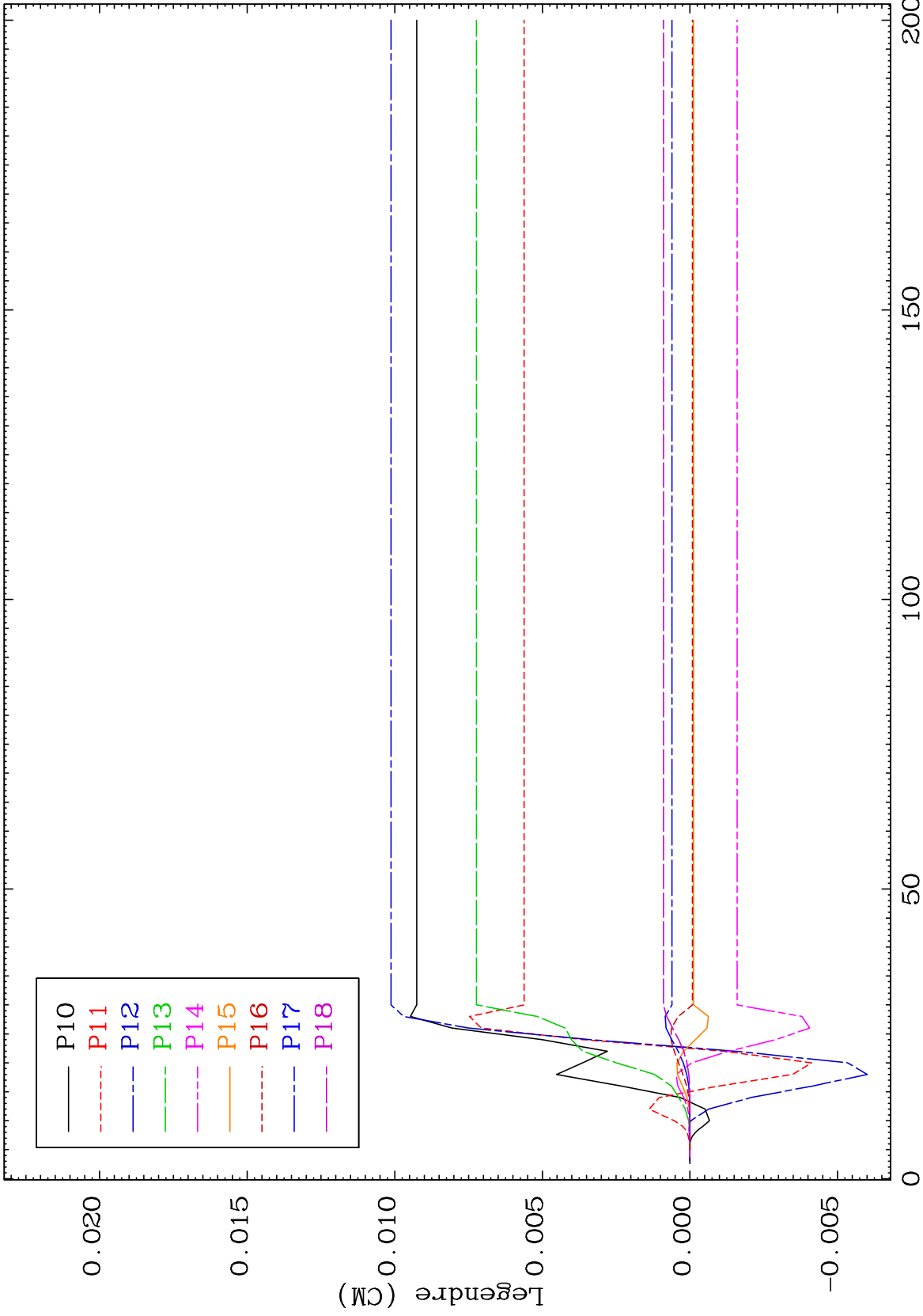
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



74

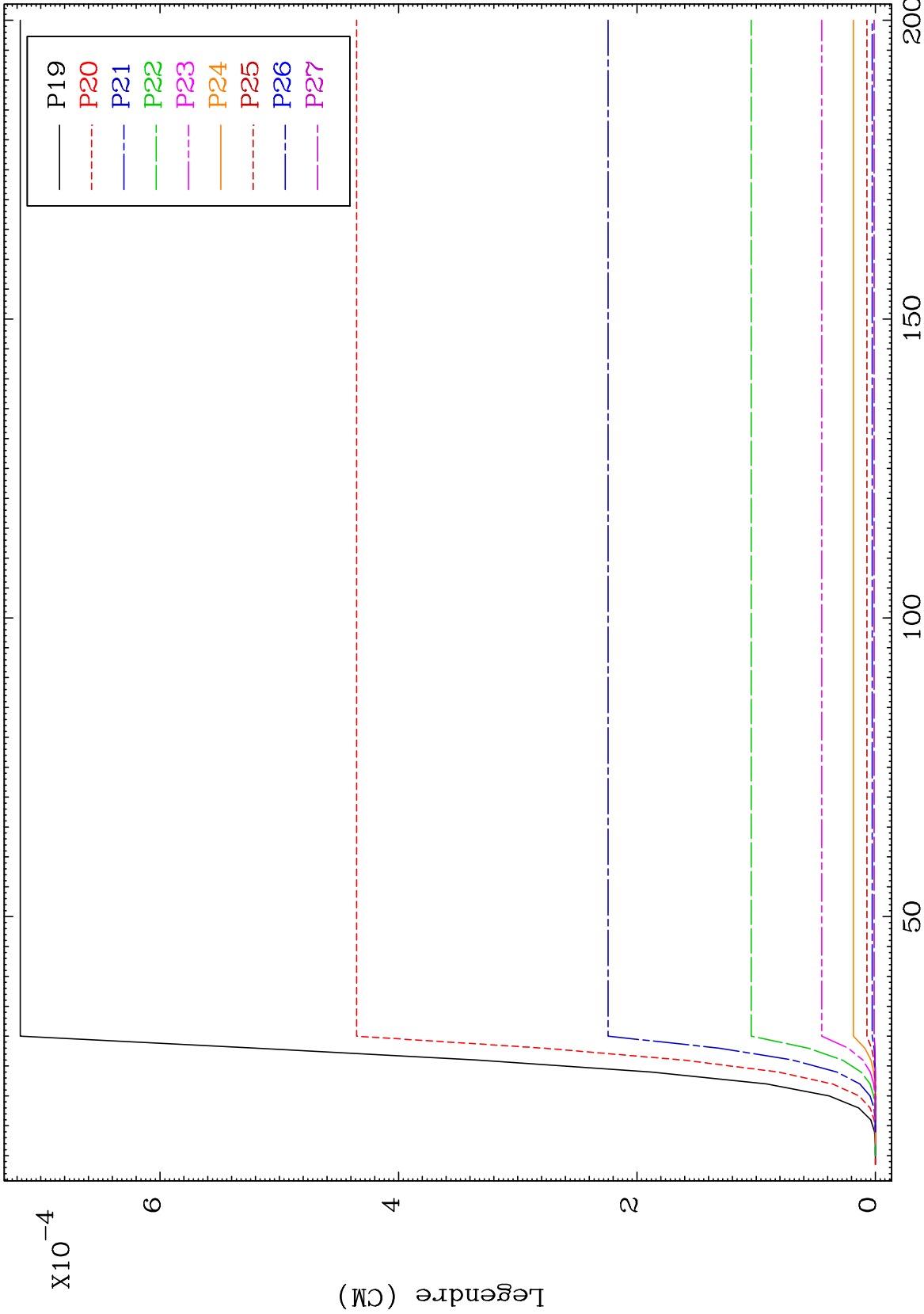
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



75

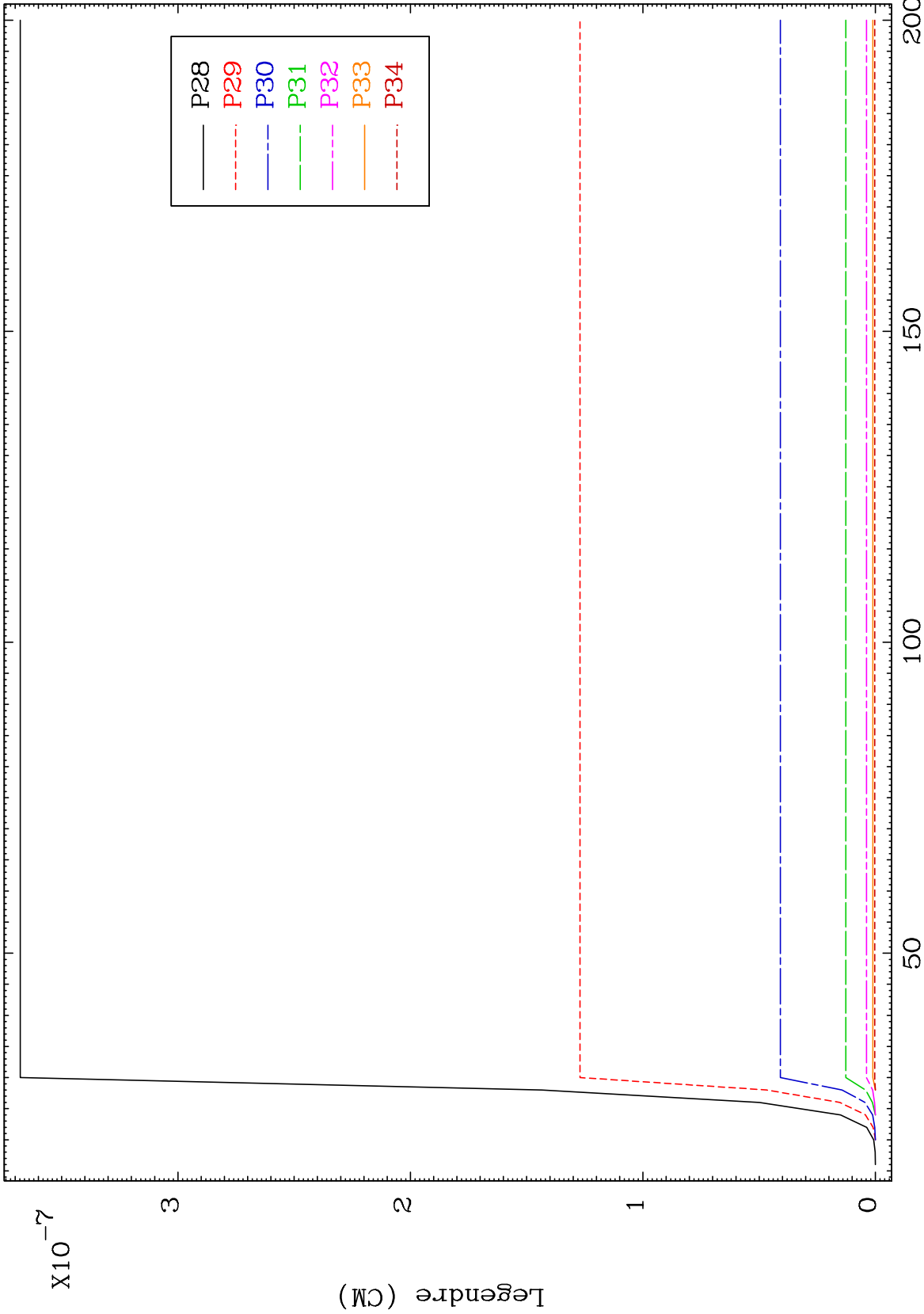
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



76

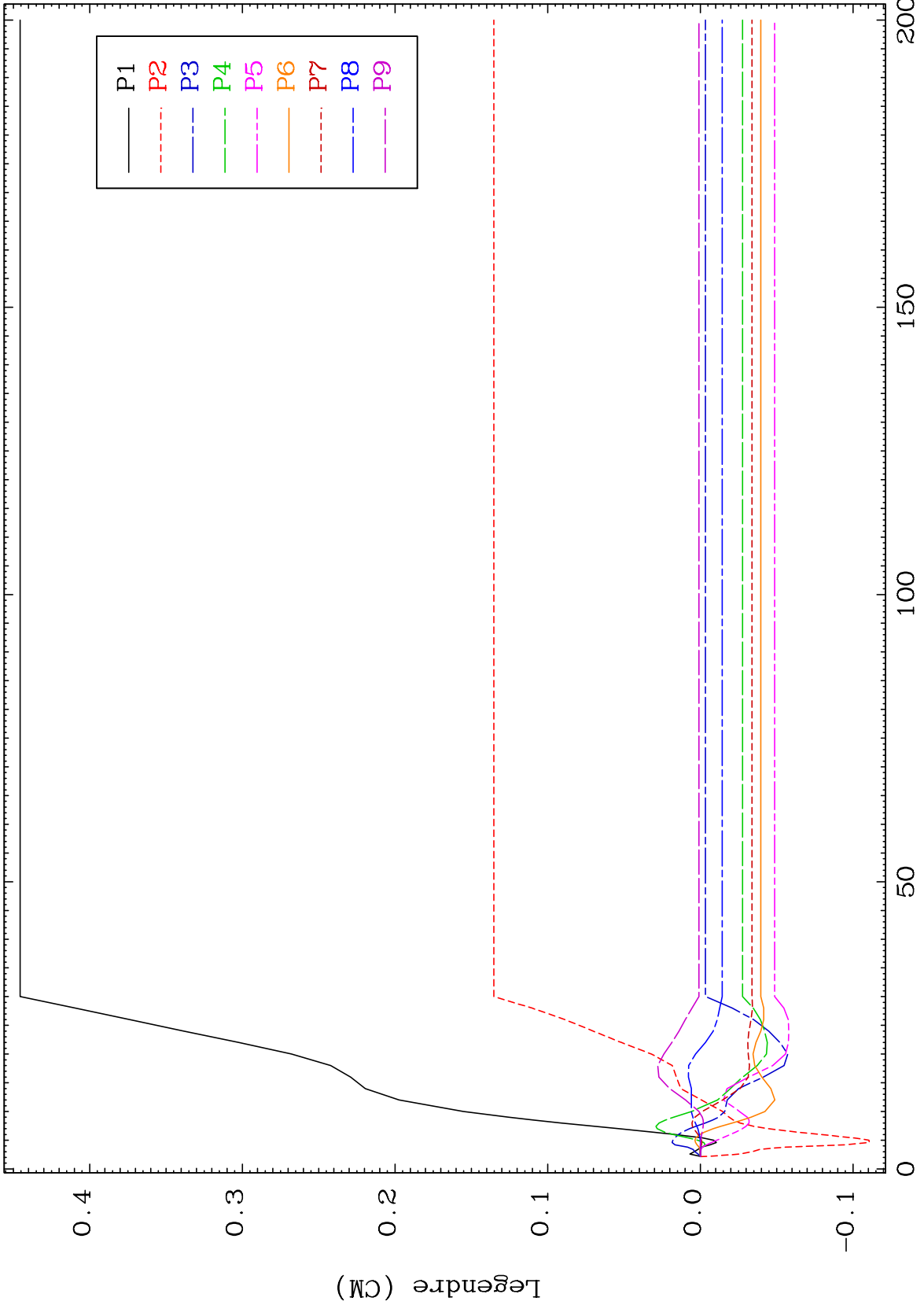
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



77

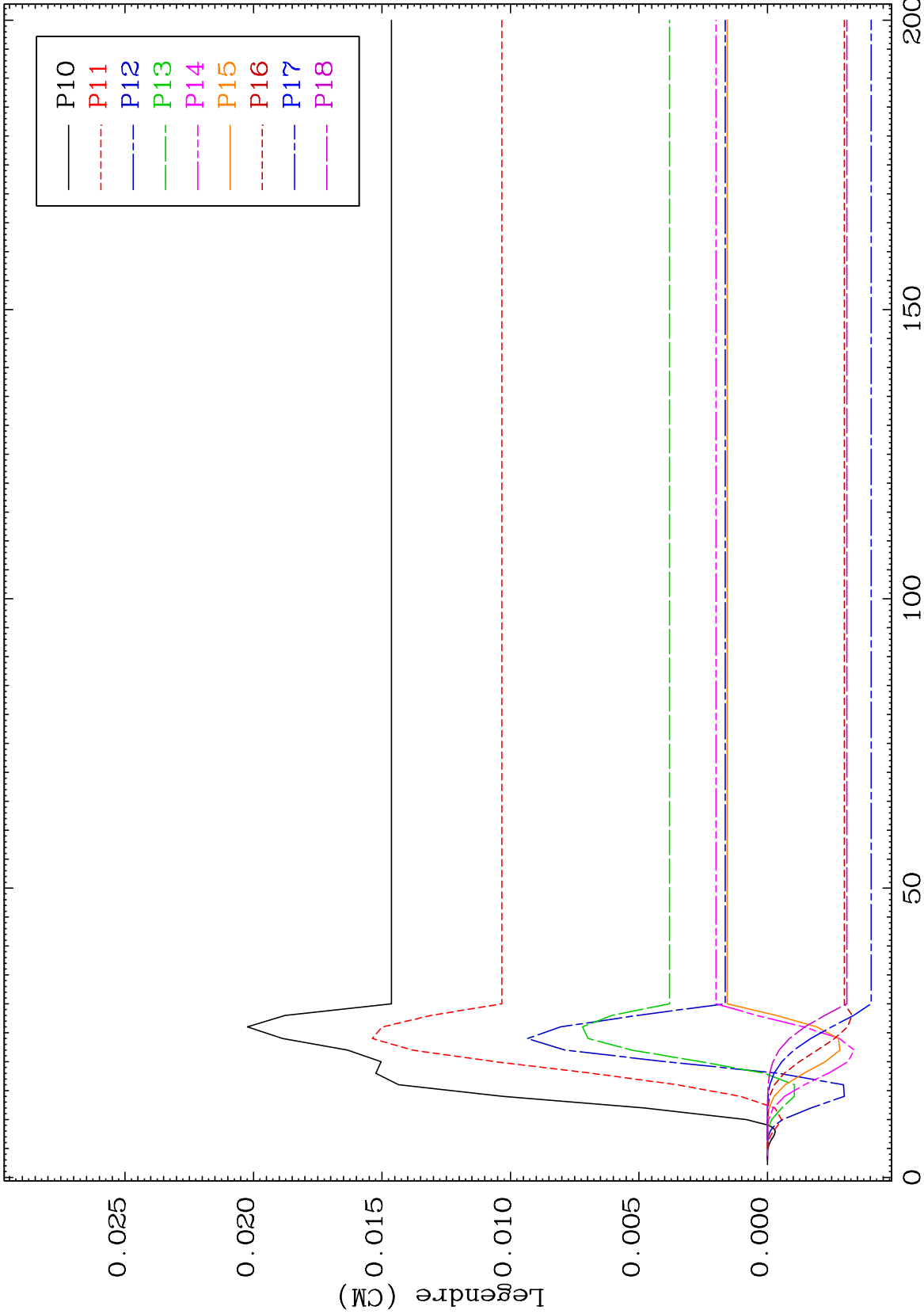
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



78

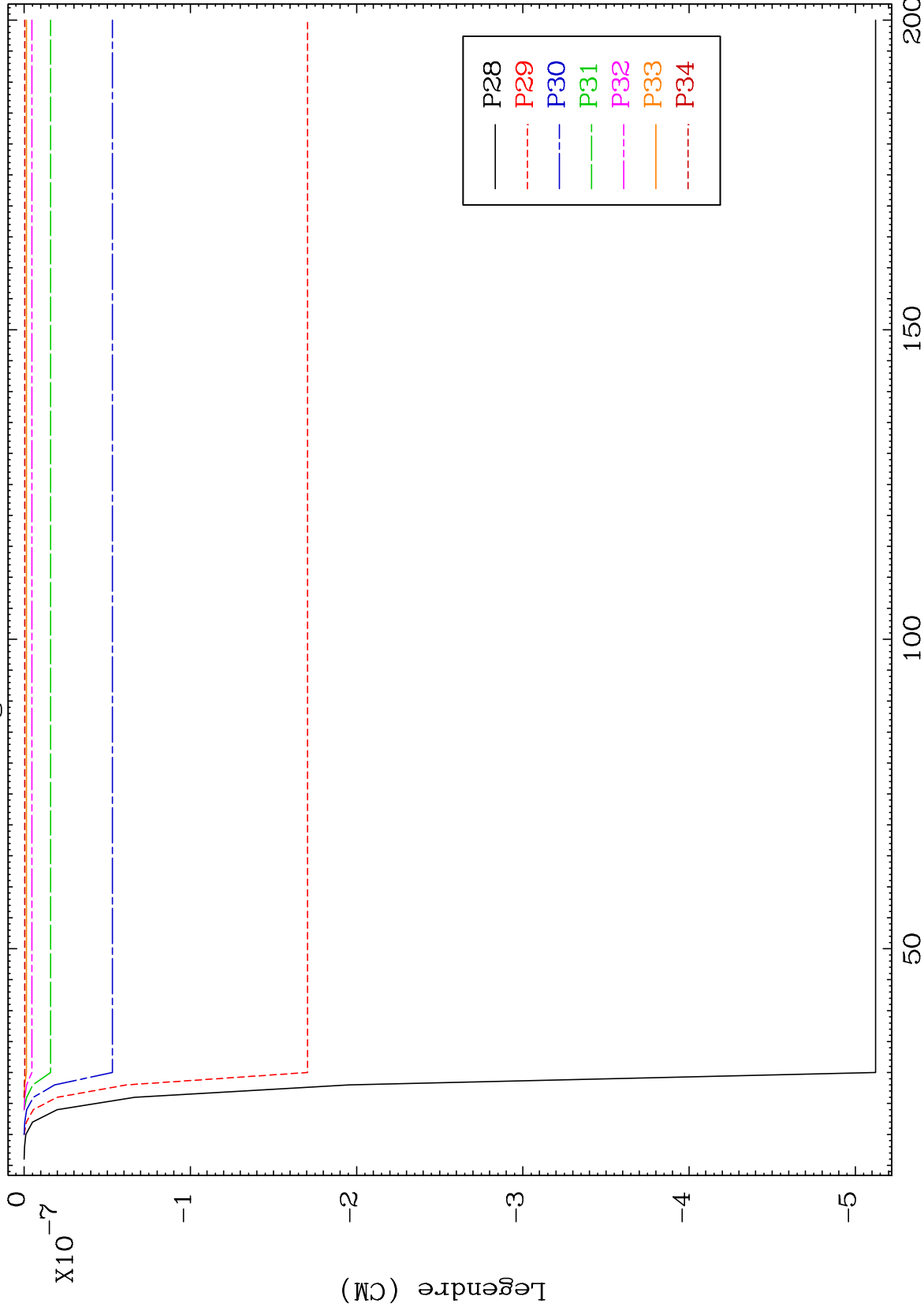
Incident Energy (MeV)

39-Y -97

MAT 3949 MT= 66 (n,n') Level

Legendre Coefficients

39-Y -97



80

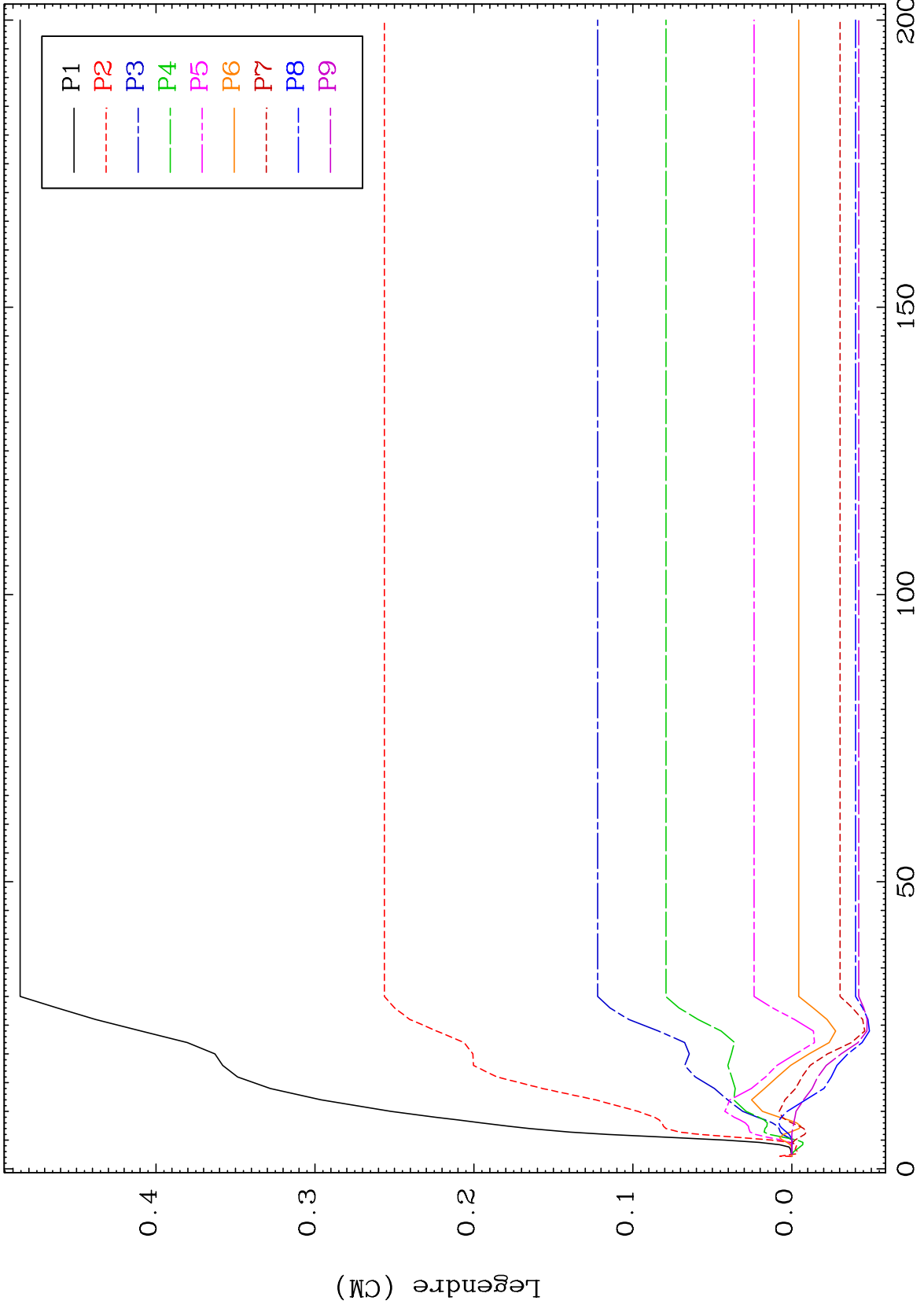
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



81

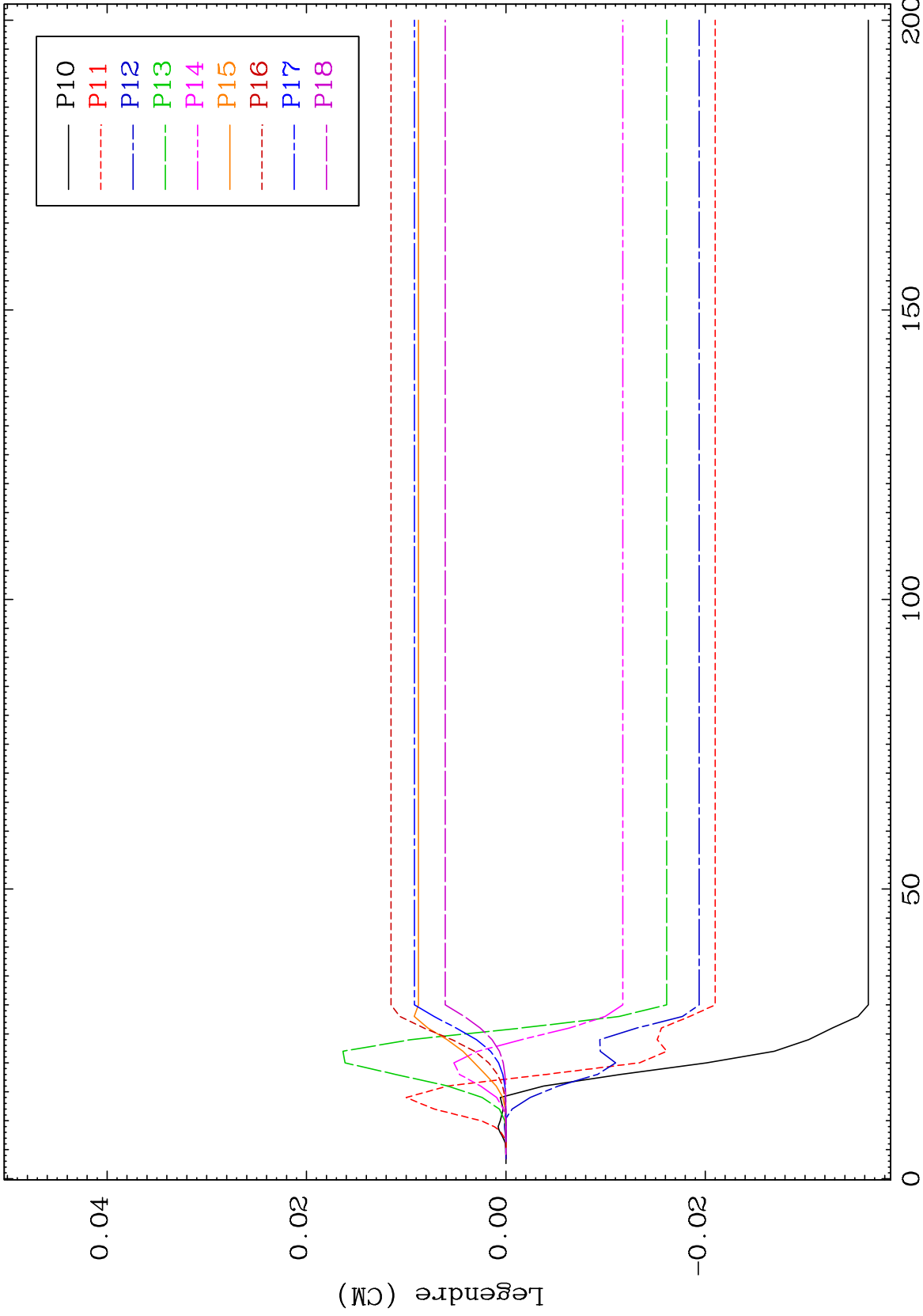
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



82

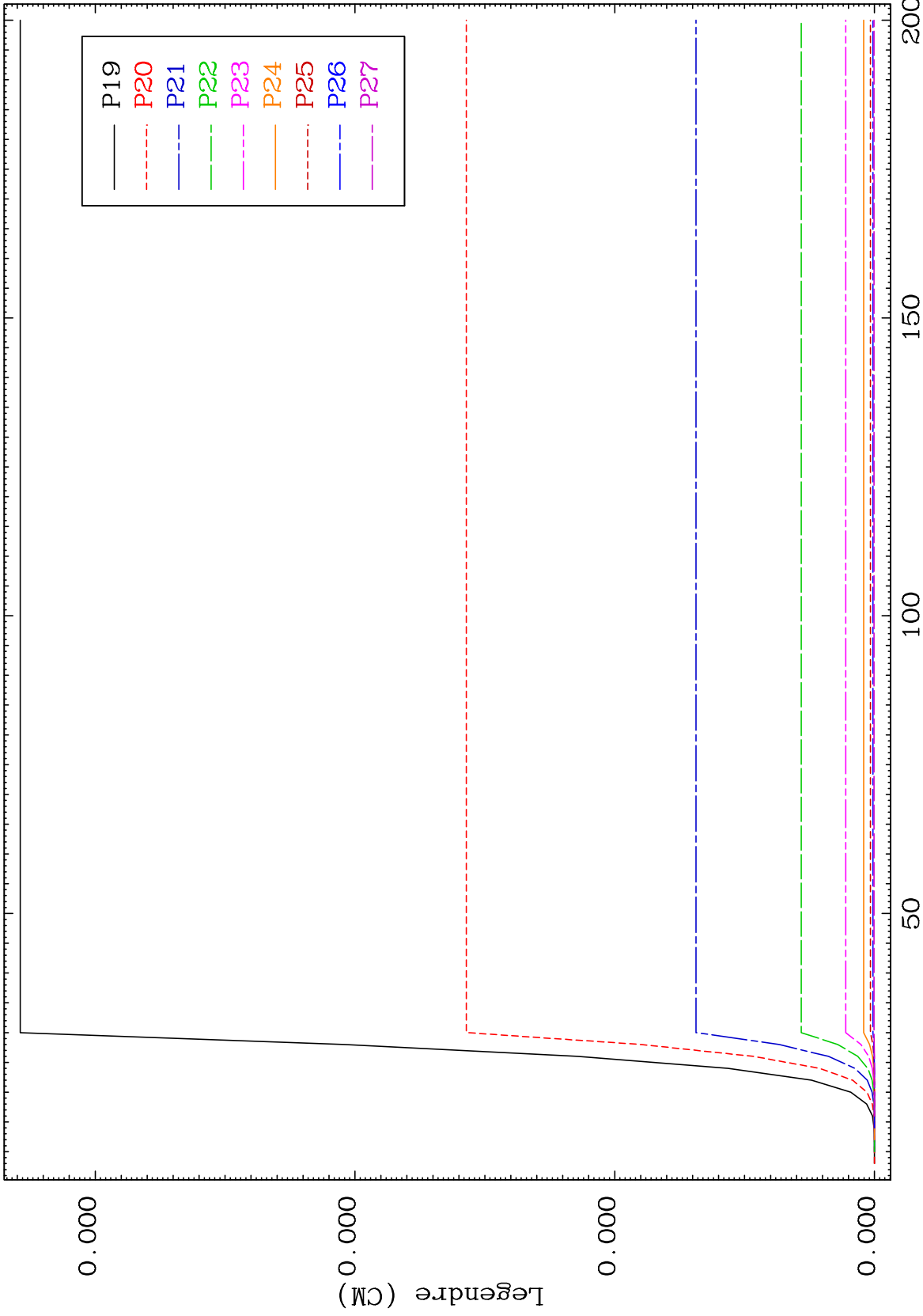
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



83

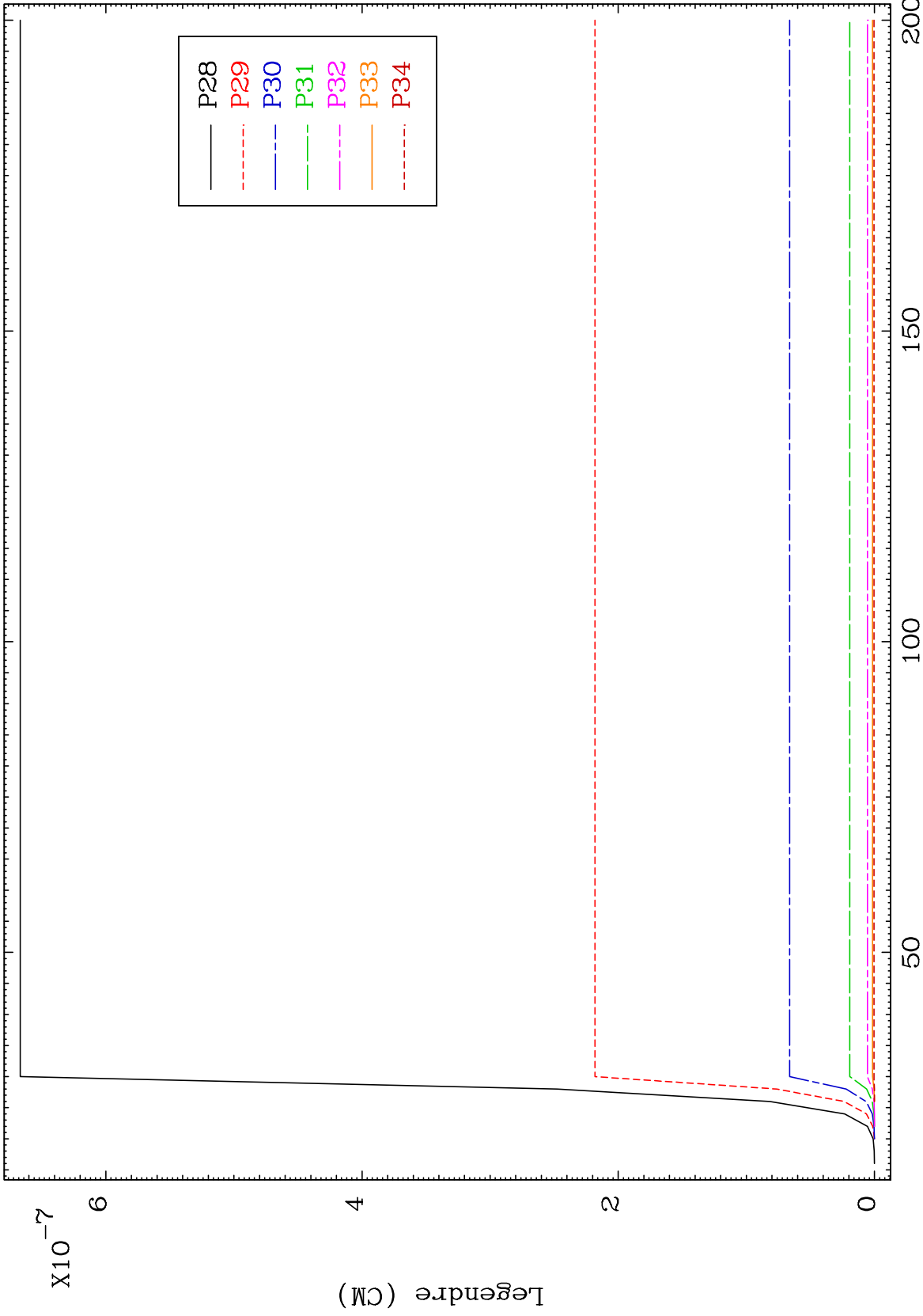
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



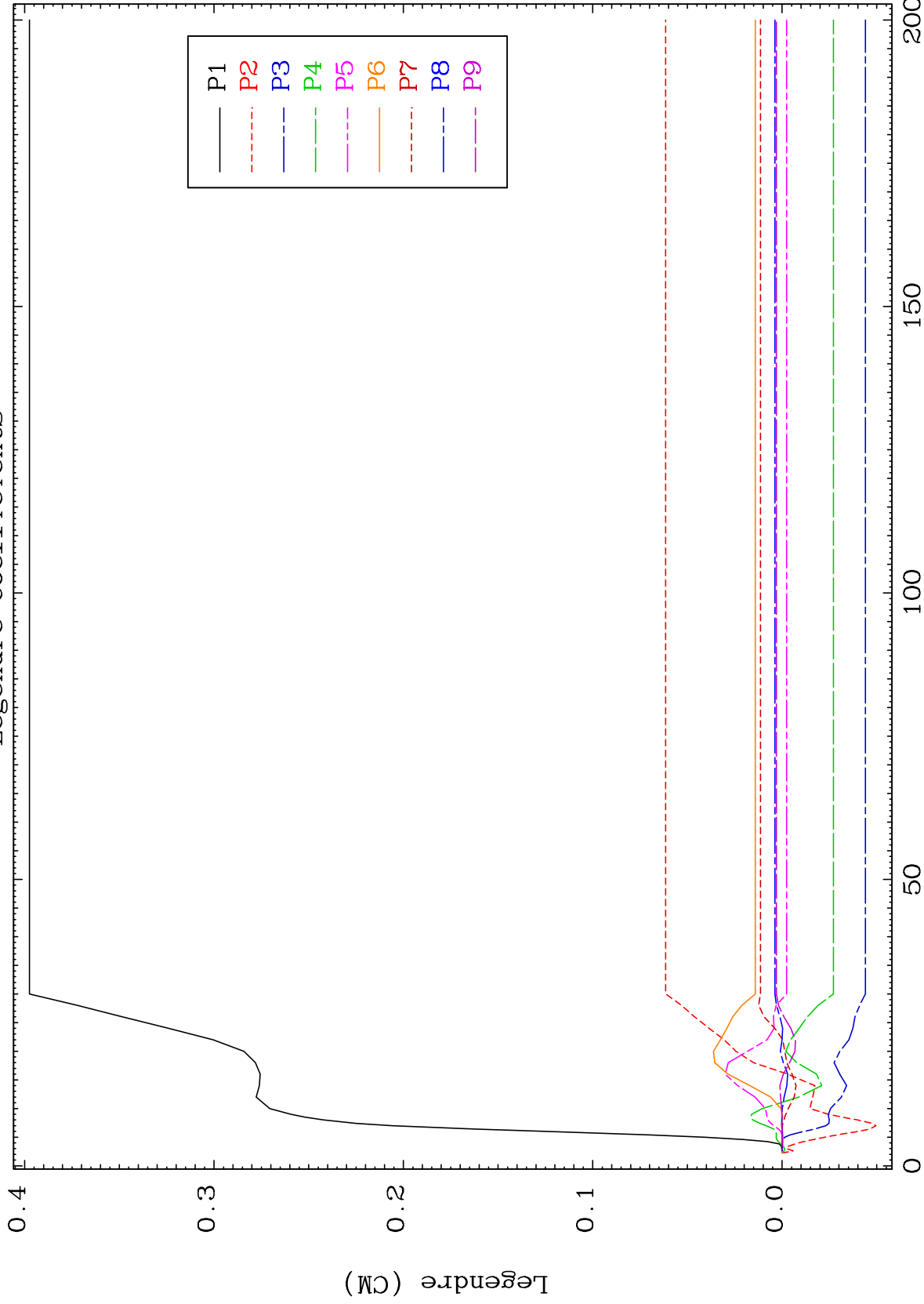
84

Incident Energy (MeV)

39-Y -97

MAT 3949 MT= 68 (n,n') Level Legendre Coefficients

39-Y -97



39-Y -97

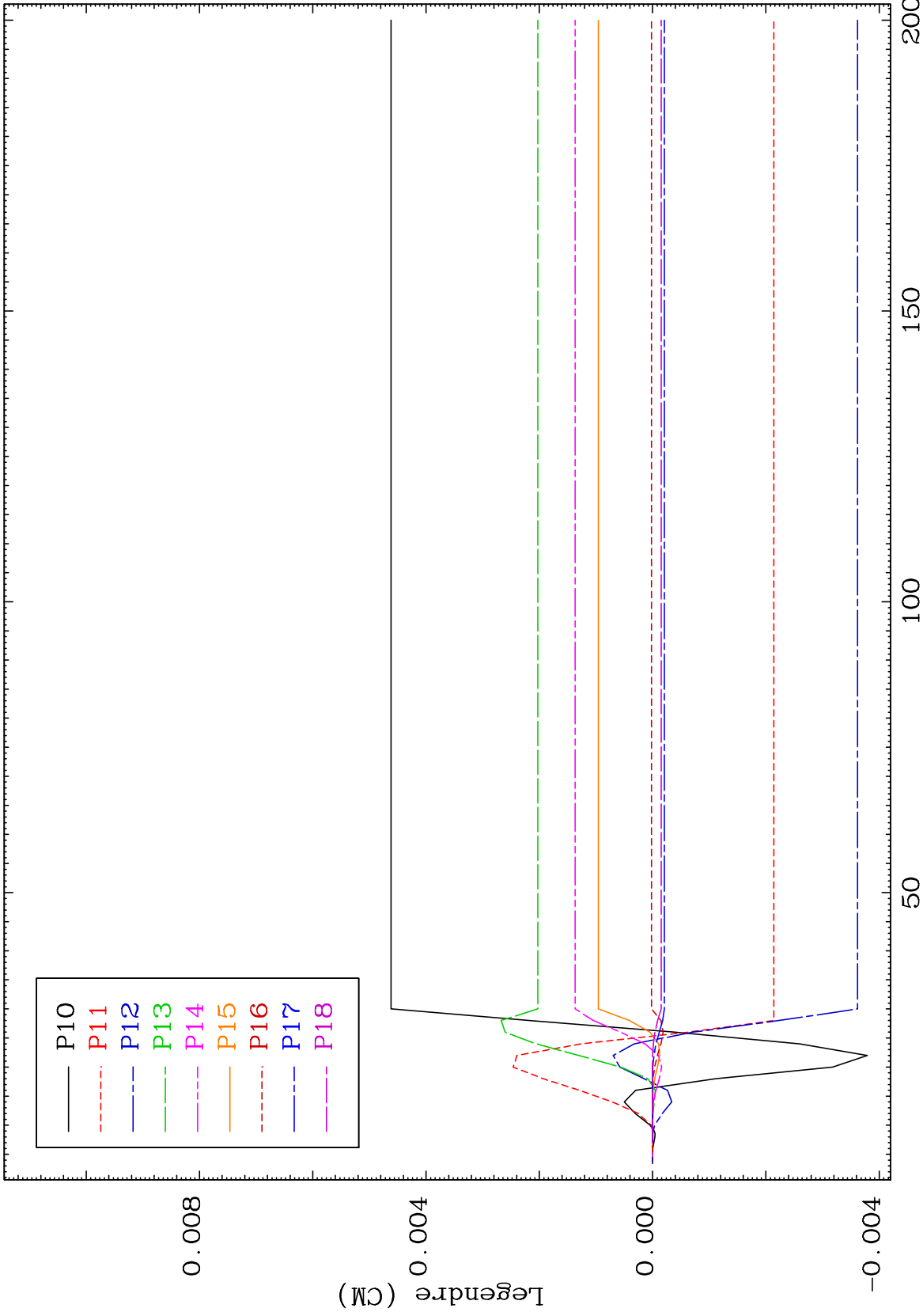
Incident Energy (MeV)

85

MAT 3949

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

39-Y -97



86

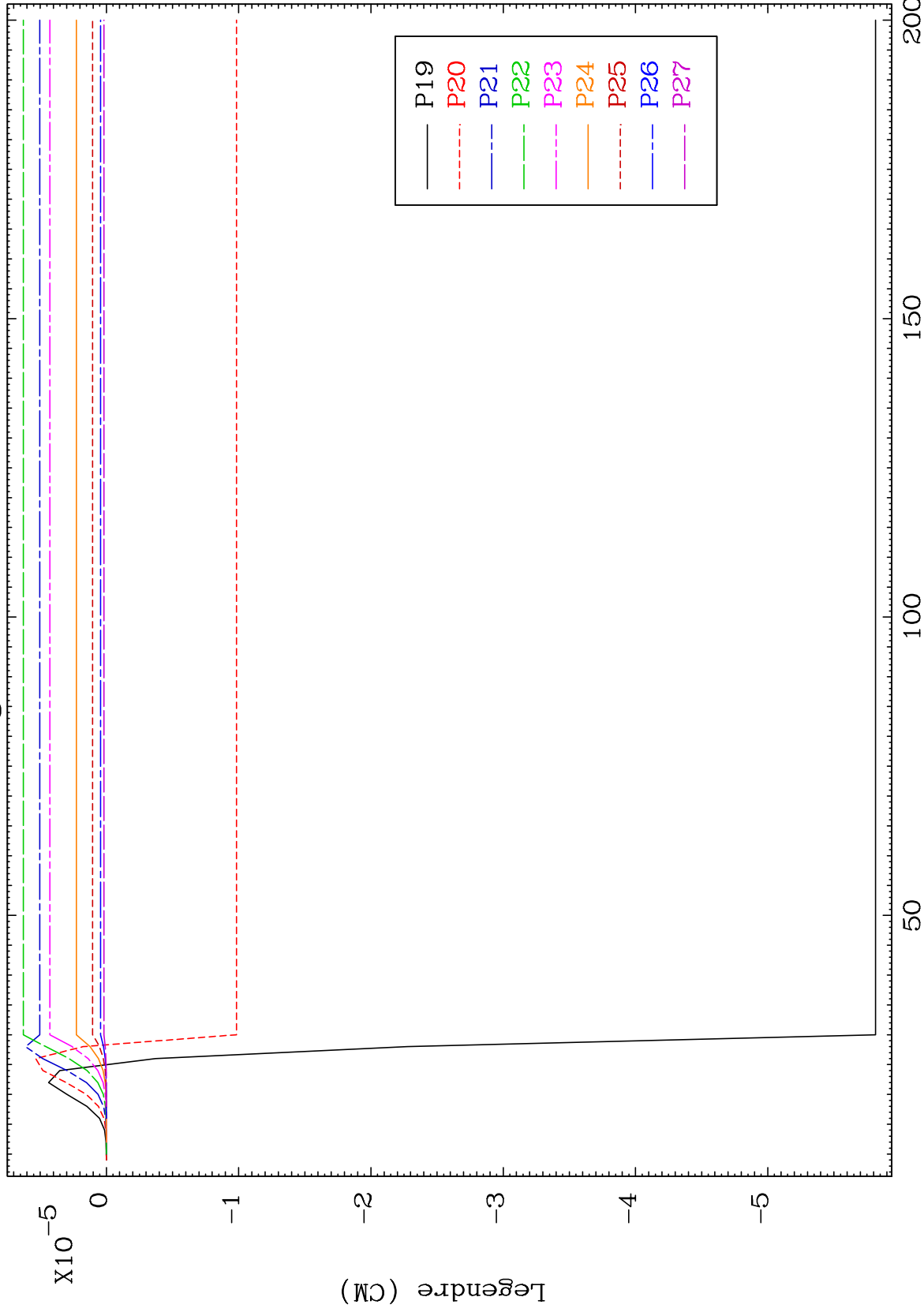
Incident Energy (MeV)

39-Y -97

MAT 3949

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

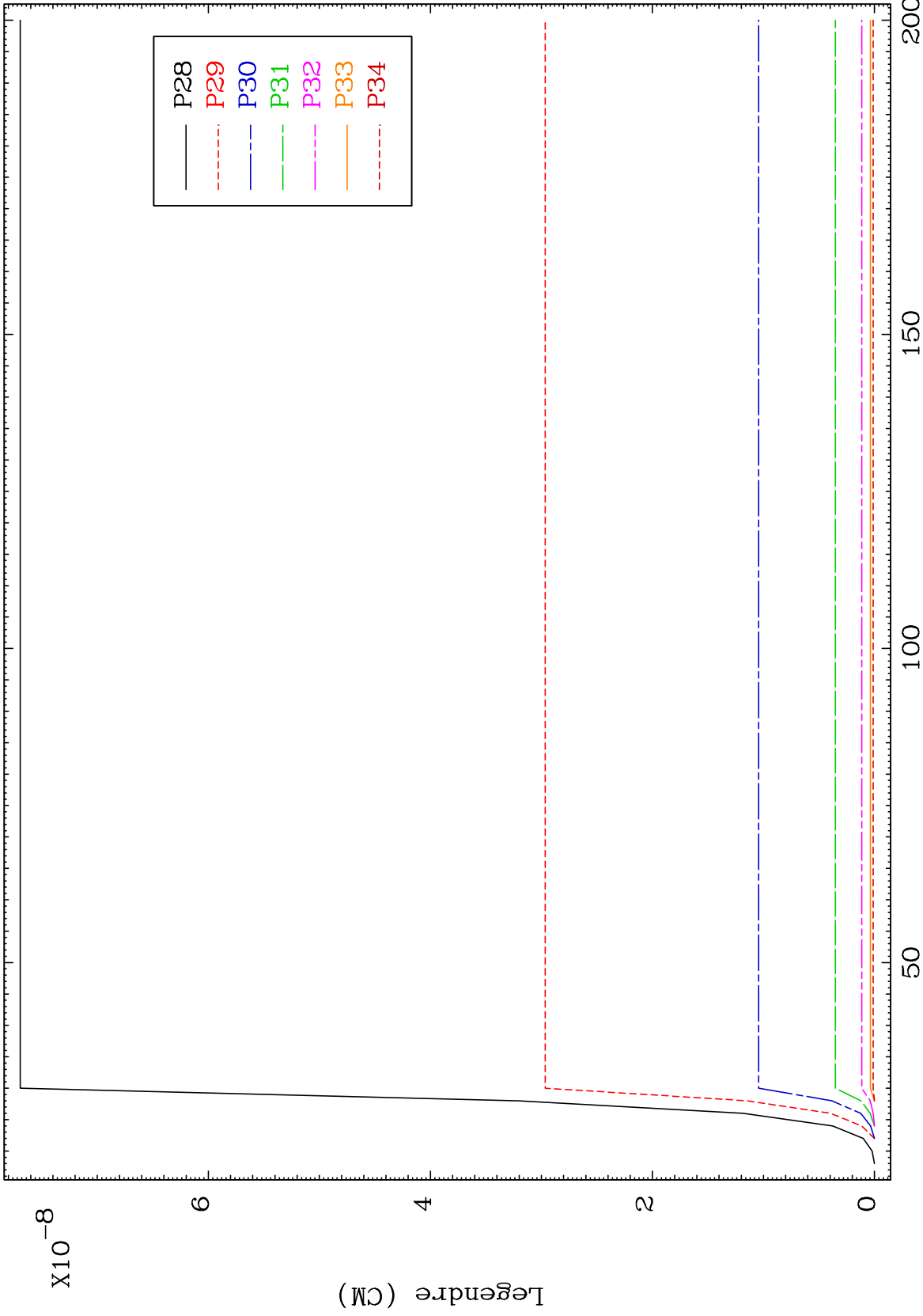
39-Y -97



MAT 3949

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

39-Y -97



88

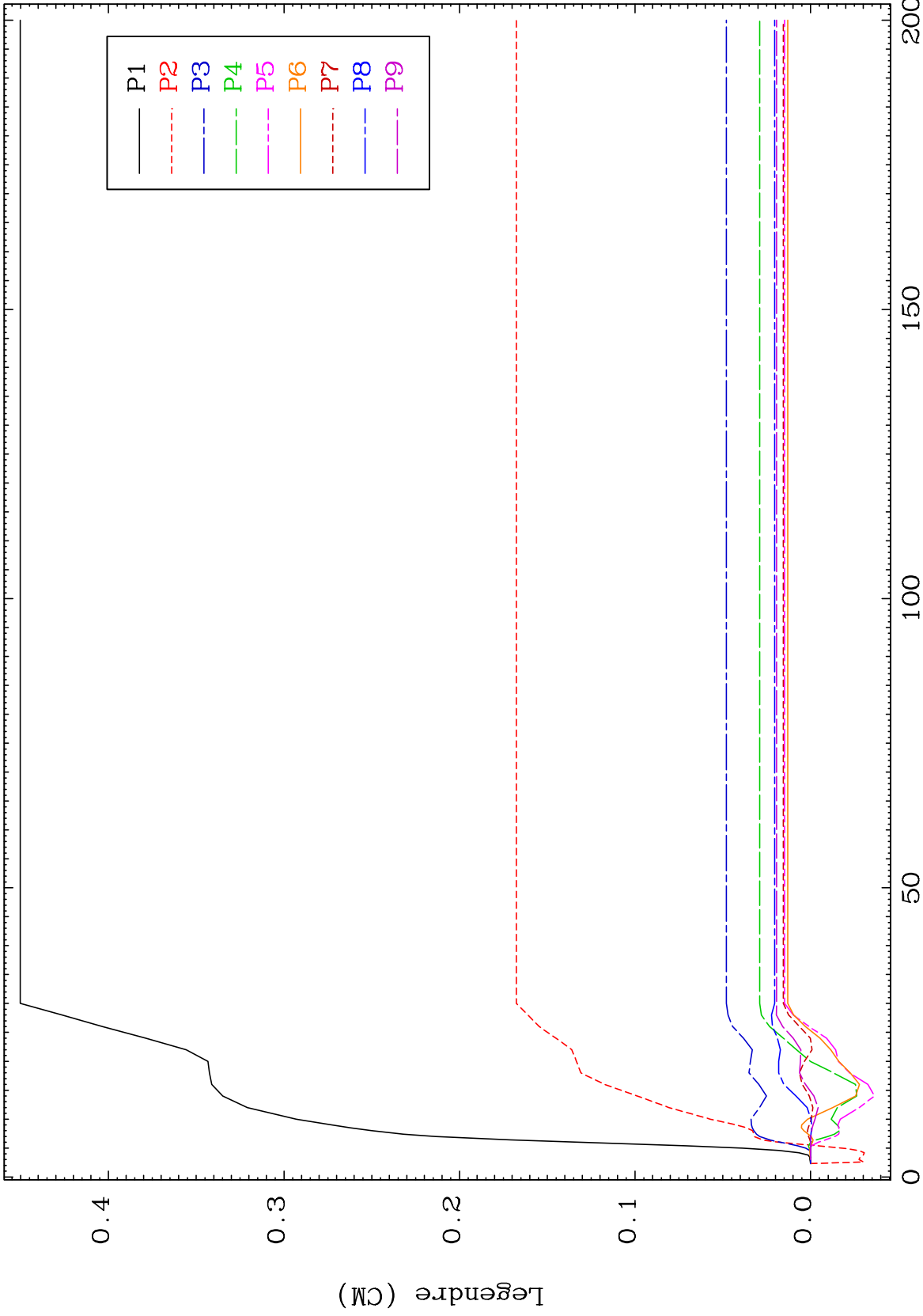
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



89

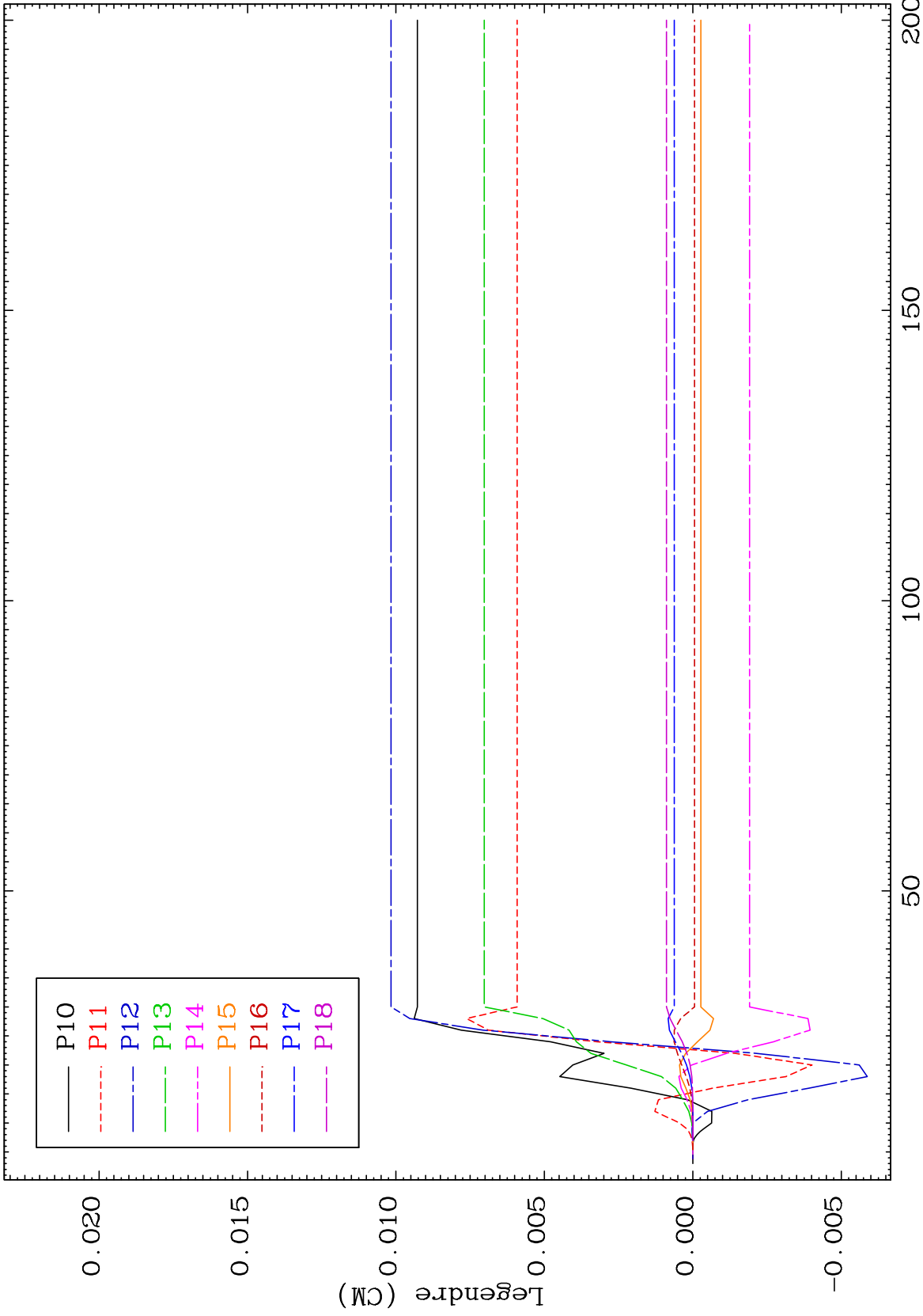
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



90

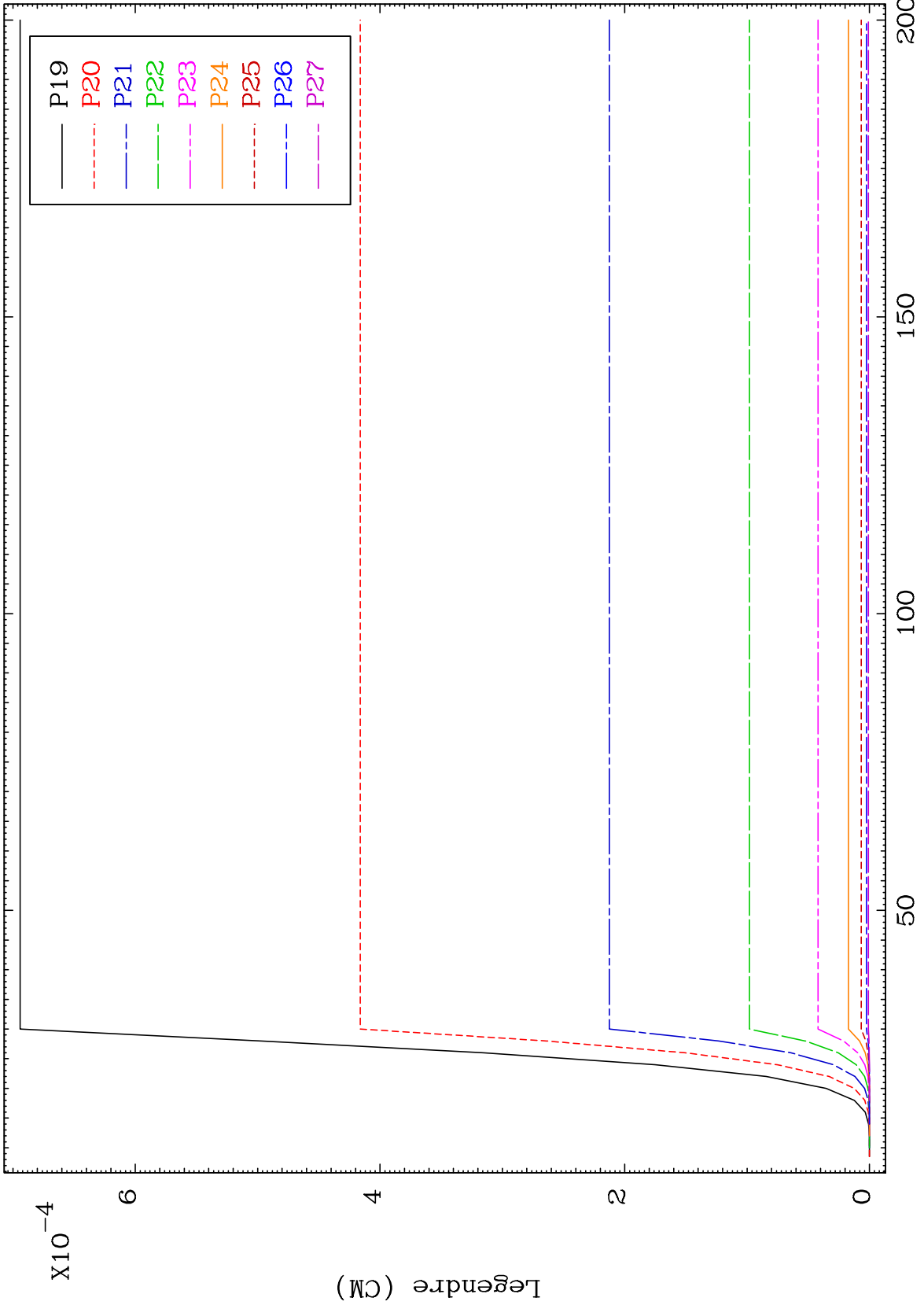
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



91

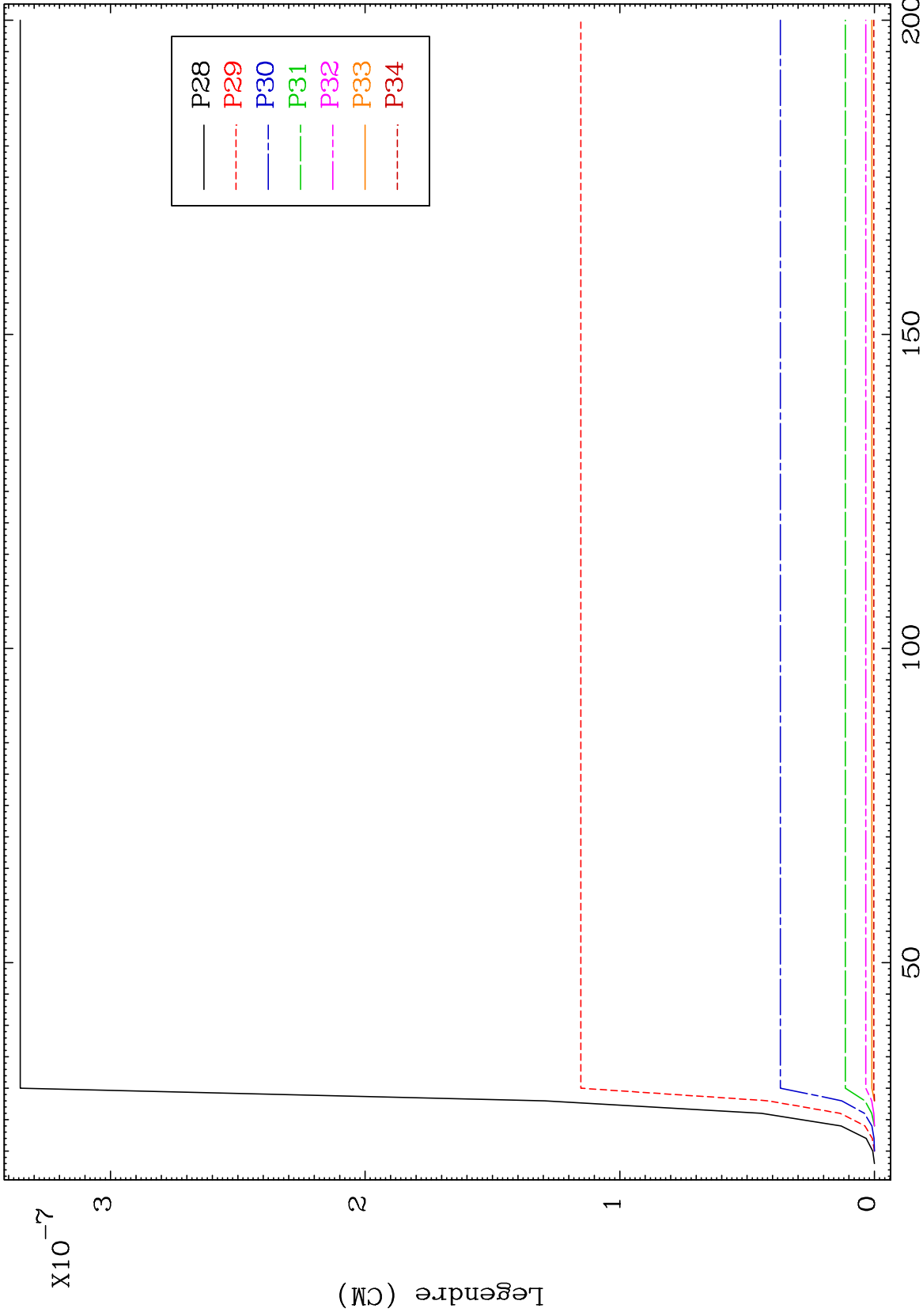
Incident Energy (MeV)

39-Y -97

MAT 3949

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

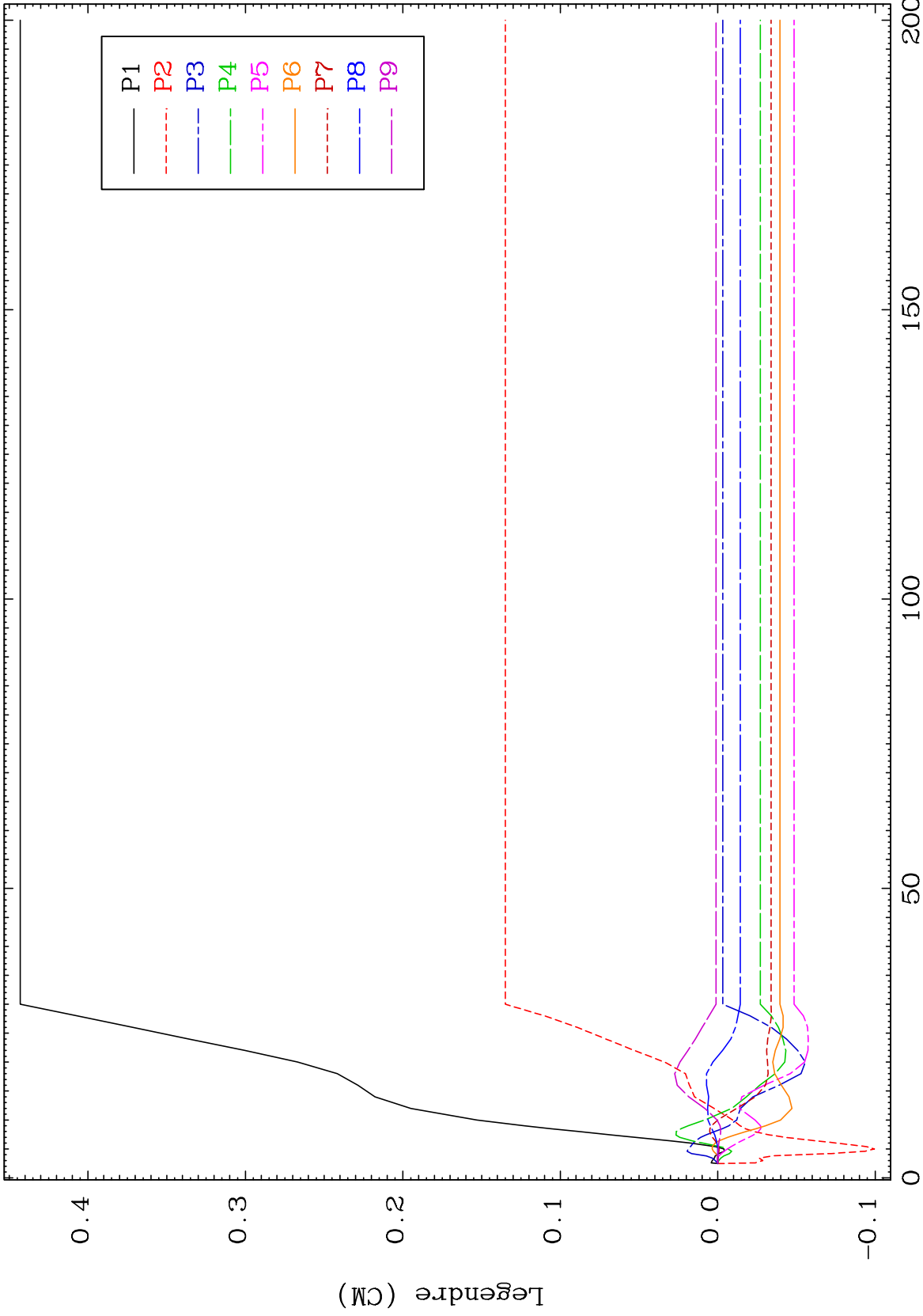
39-Y -97



MAT 3949

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

39-Y -97



93

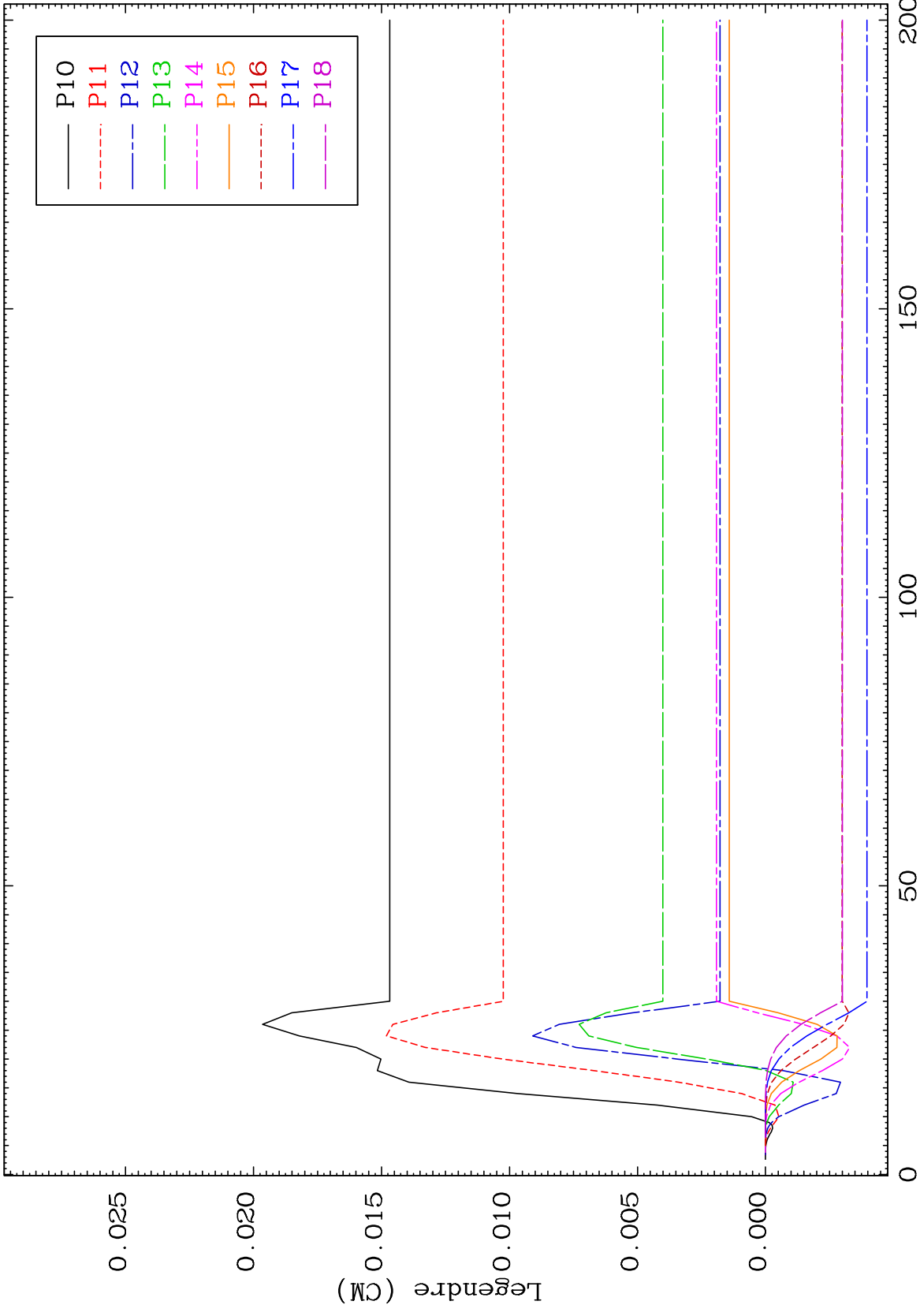
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



94

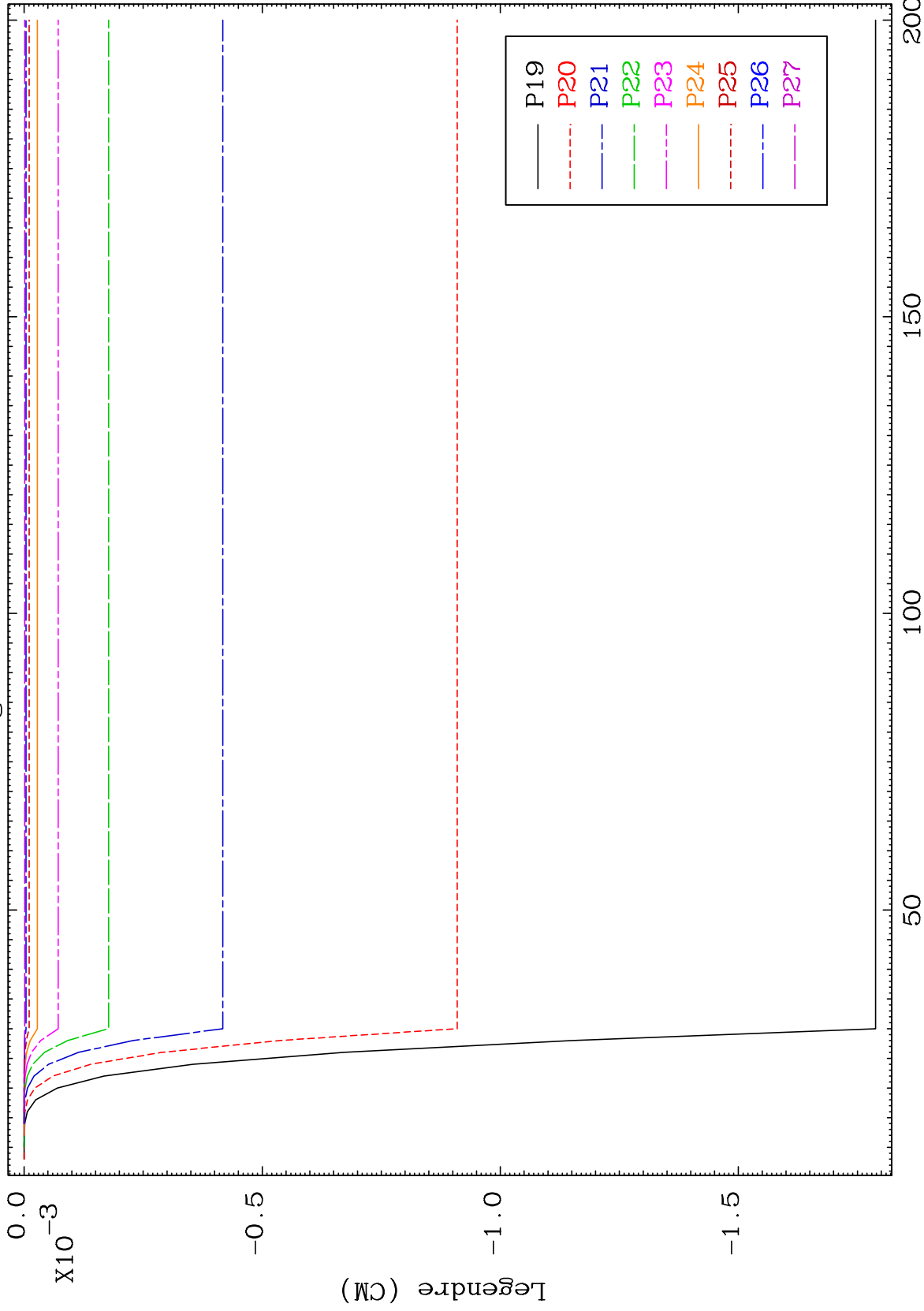
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97

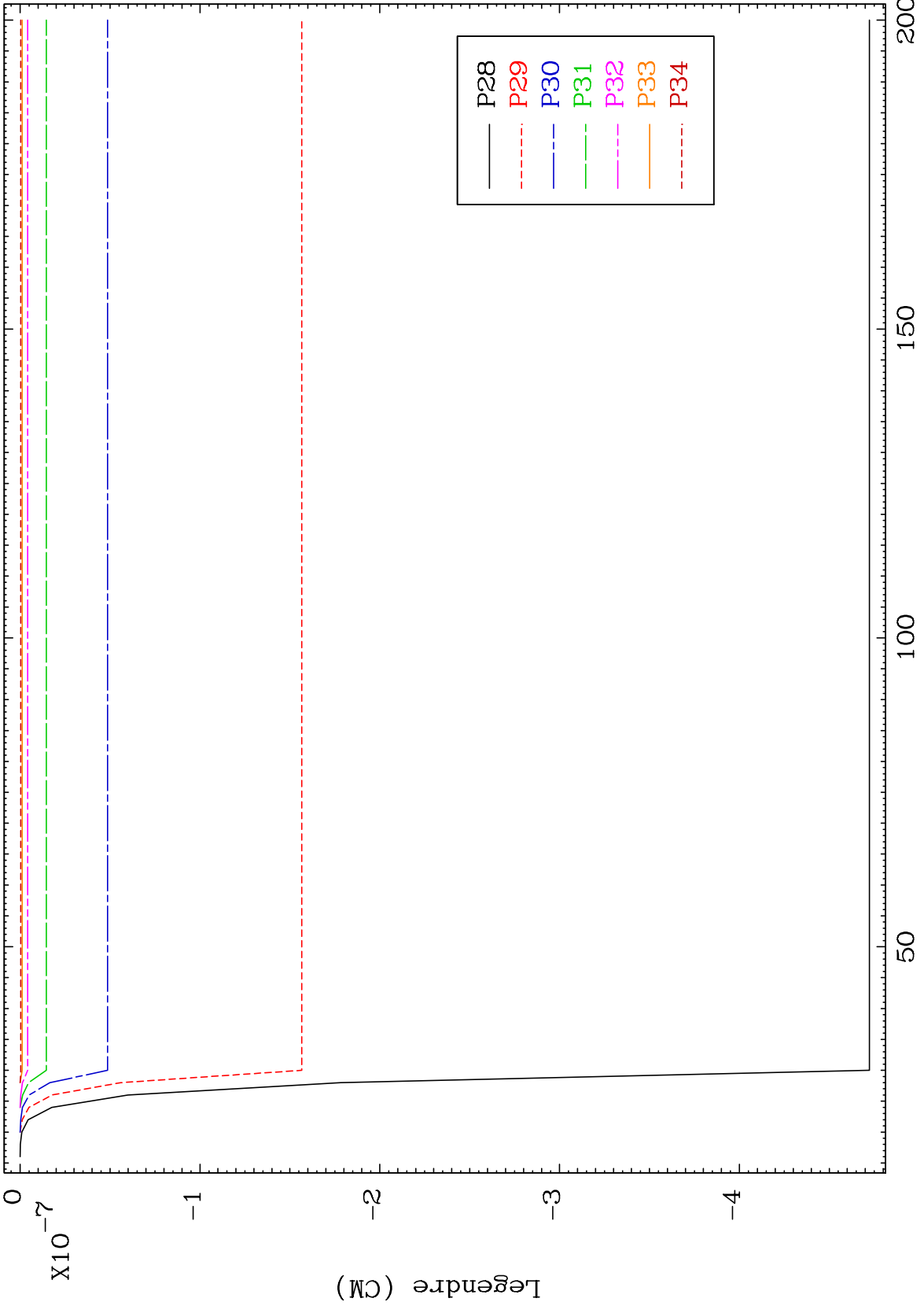


39-Y -97

Incident Energy (MeV)

95

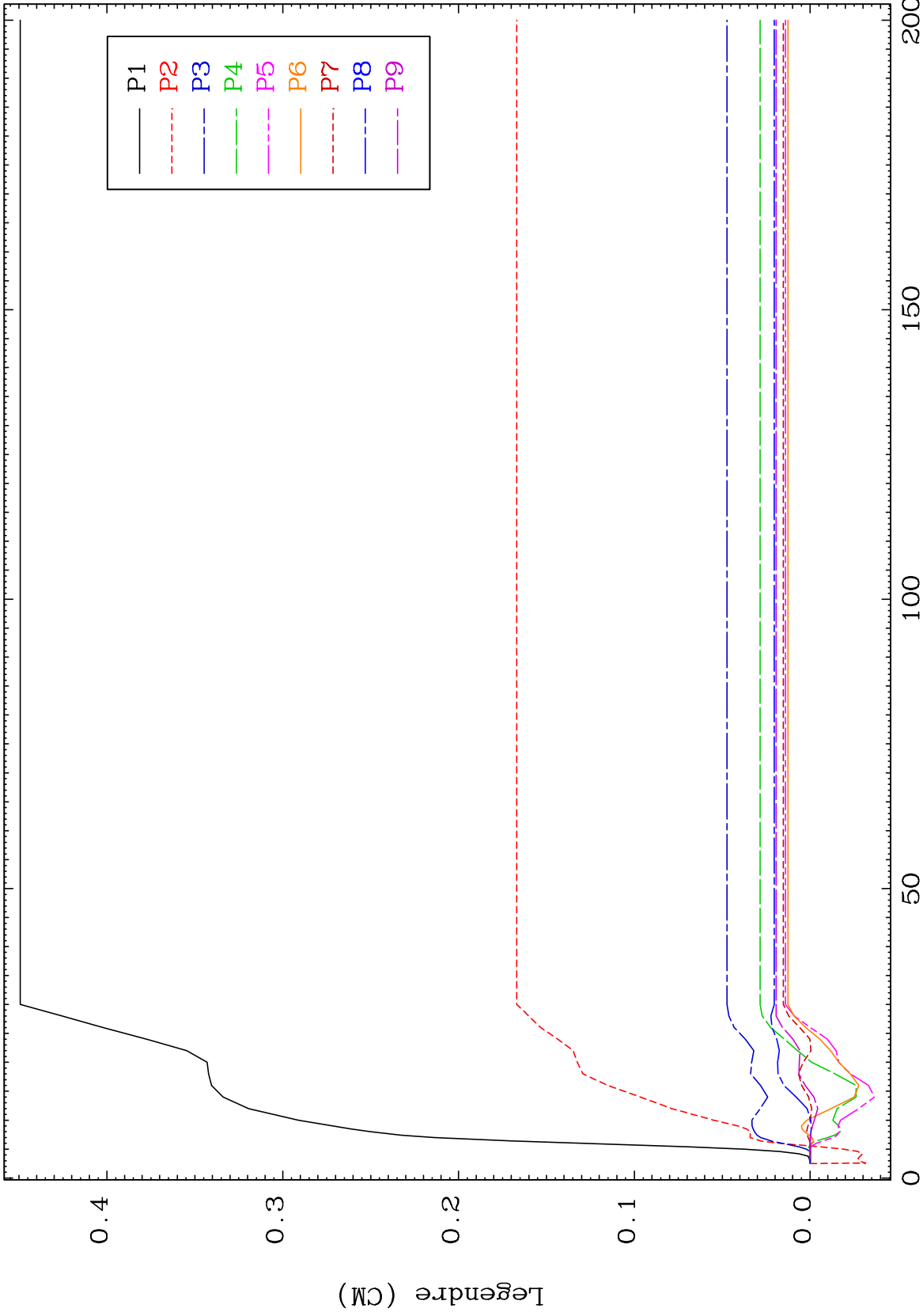
MAT 3949 MT= 70 (n,n') Level Legendre Coefficients 39-Y -97



MAT 3949

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

39-Y -97



97

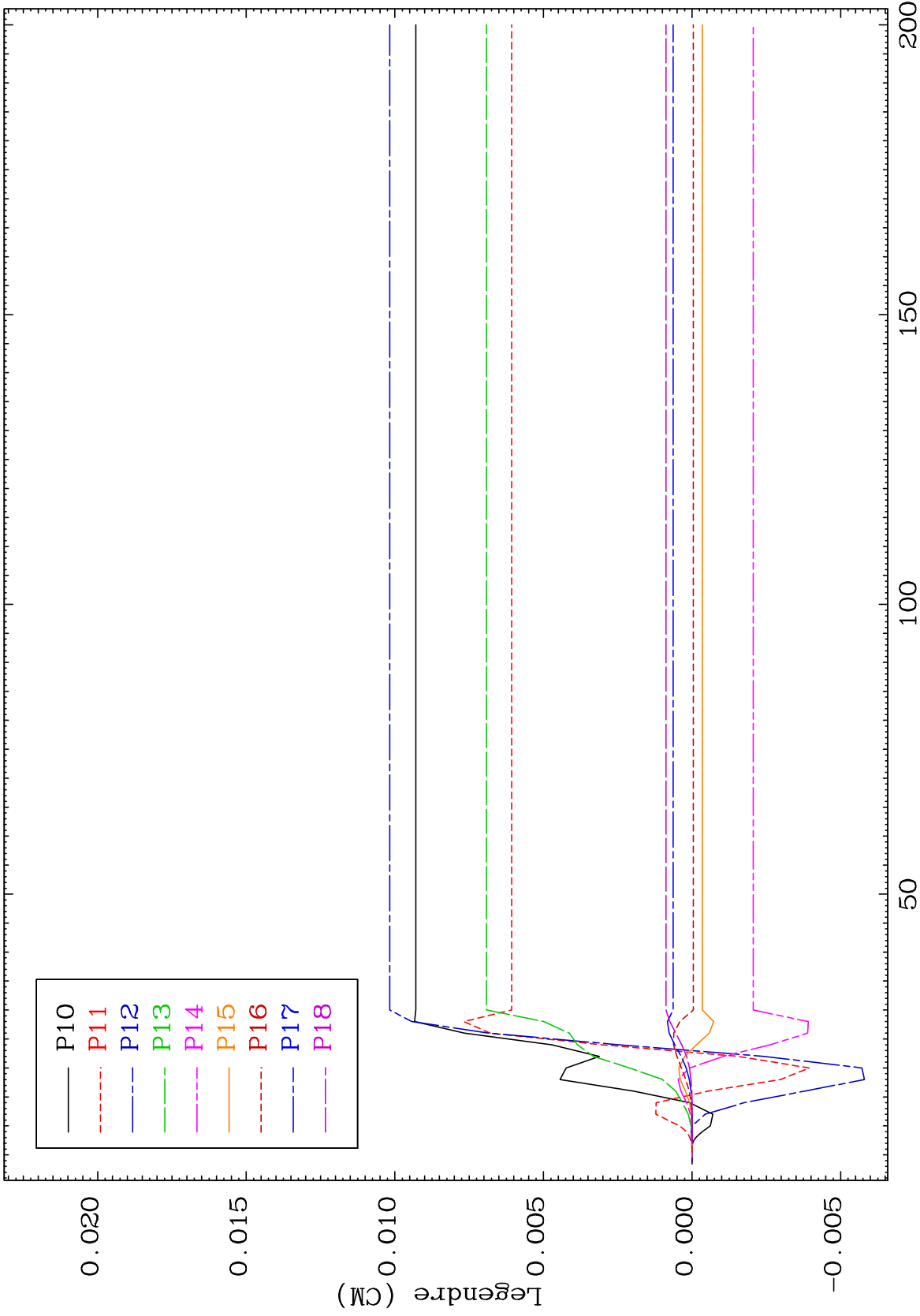
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



98

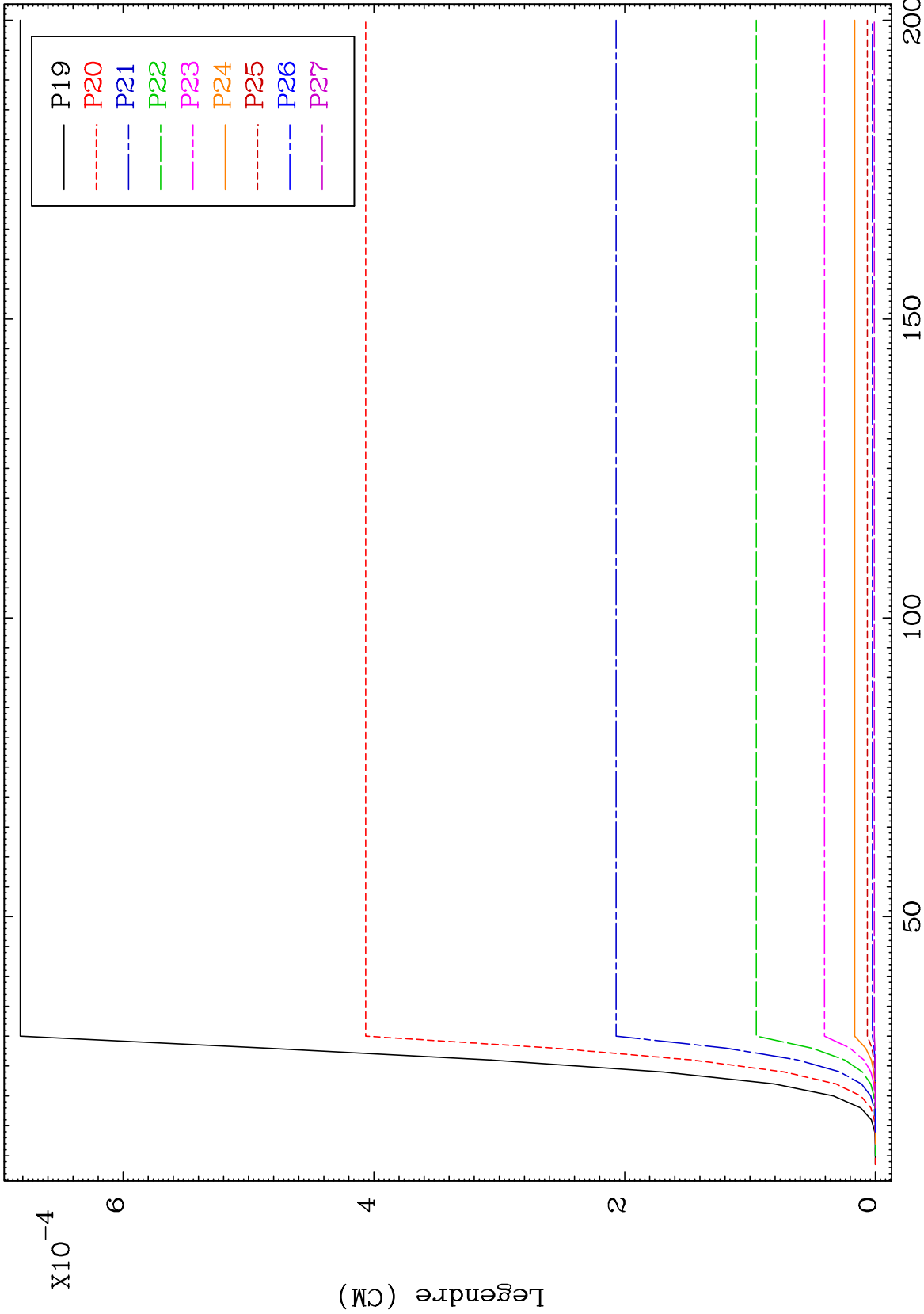
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



99

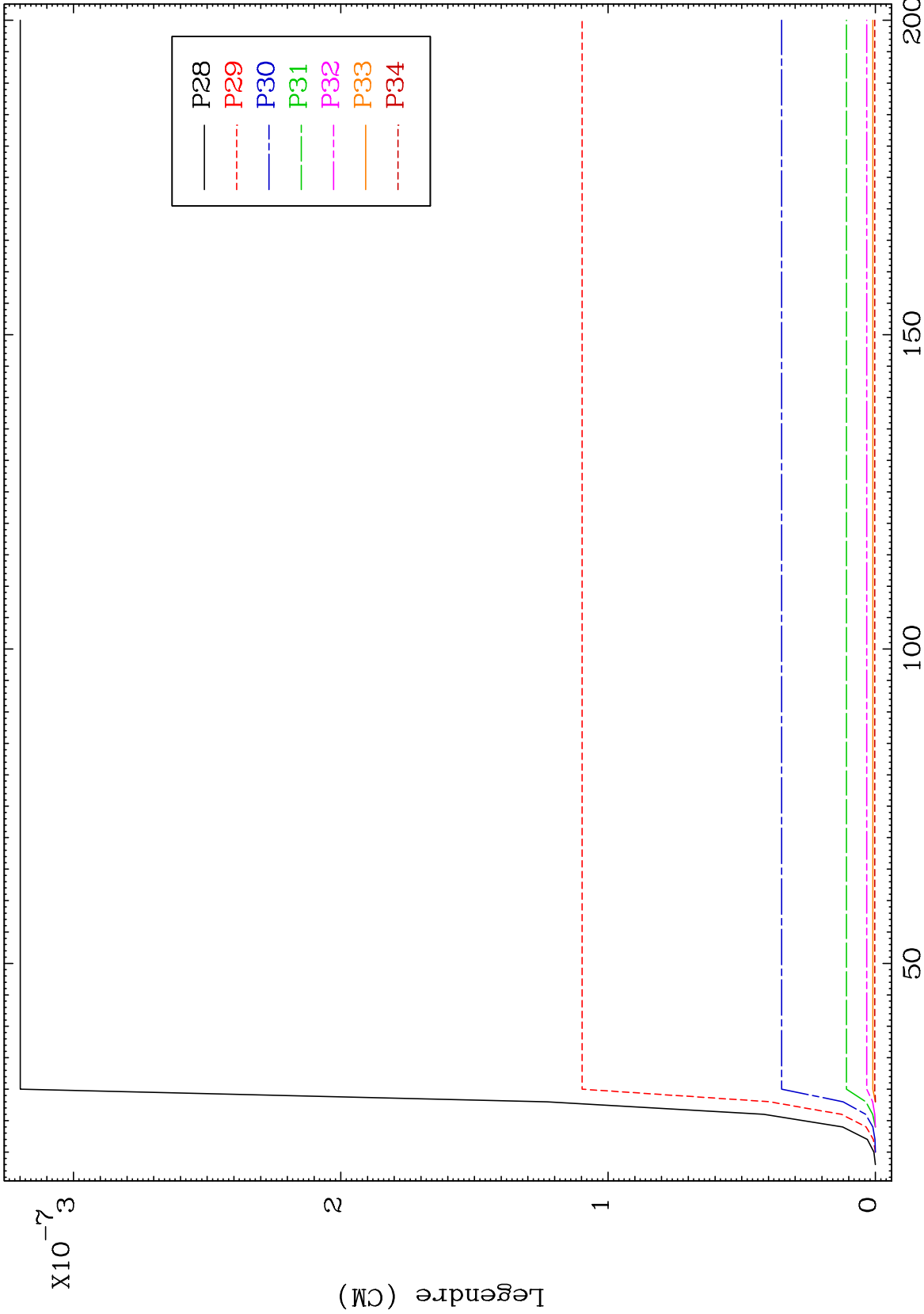
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



100

50

100

150

200

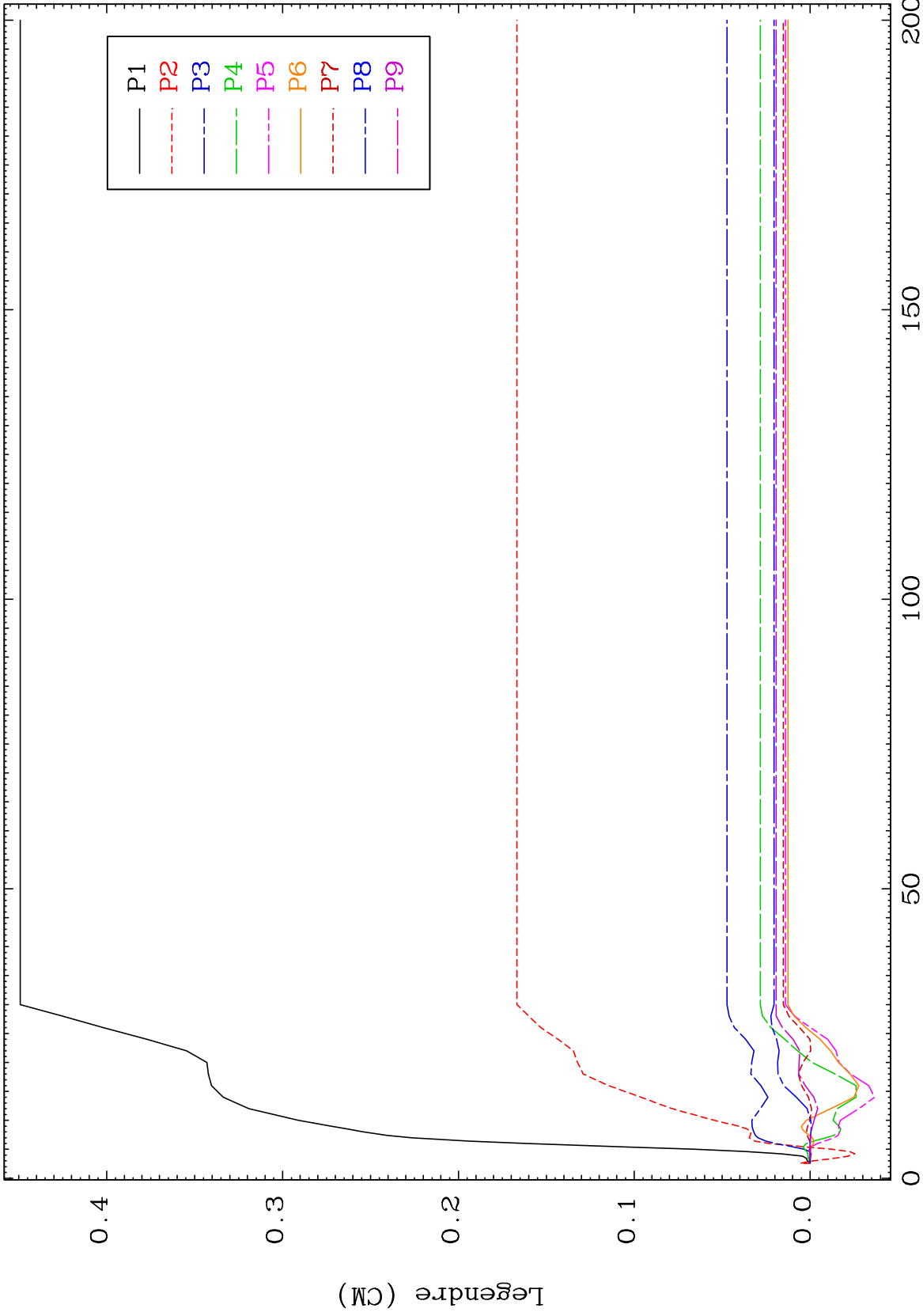
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



101

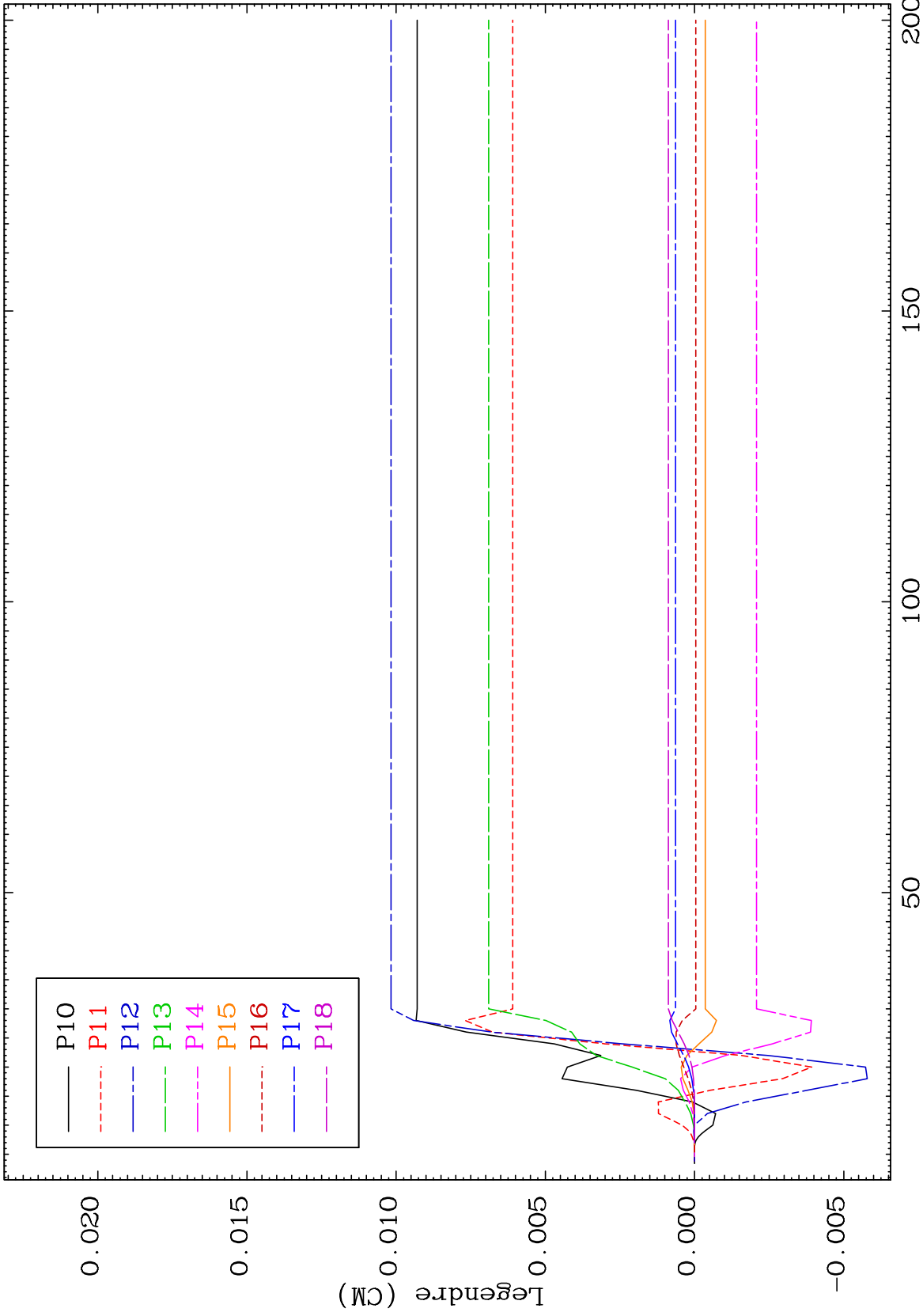
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



102

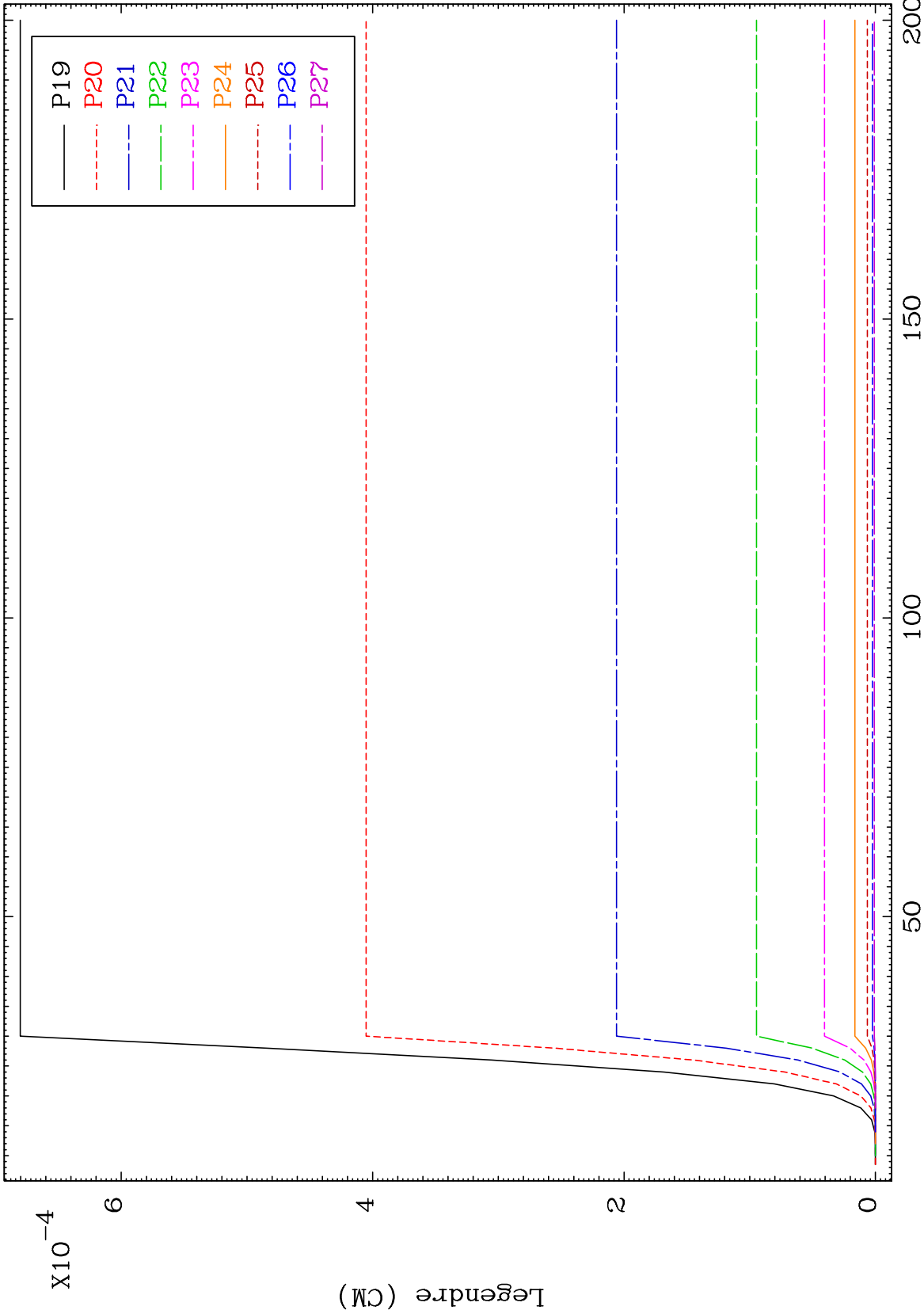
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



103

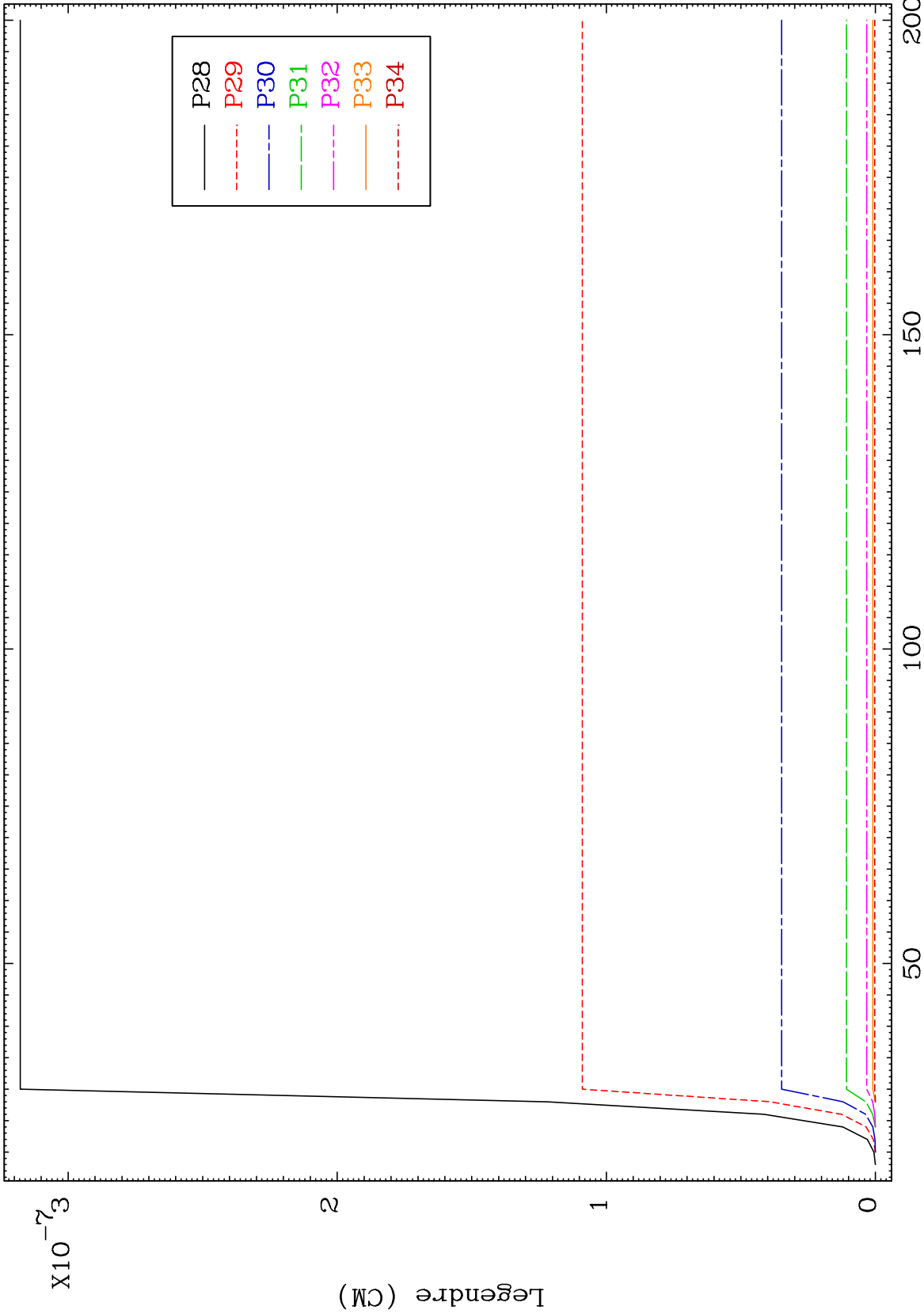
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



104

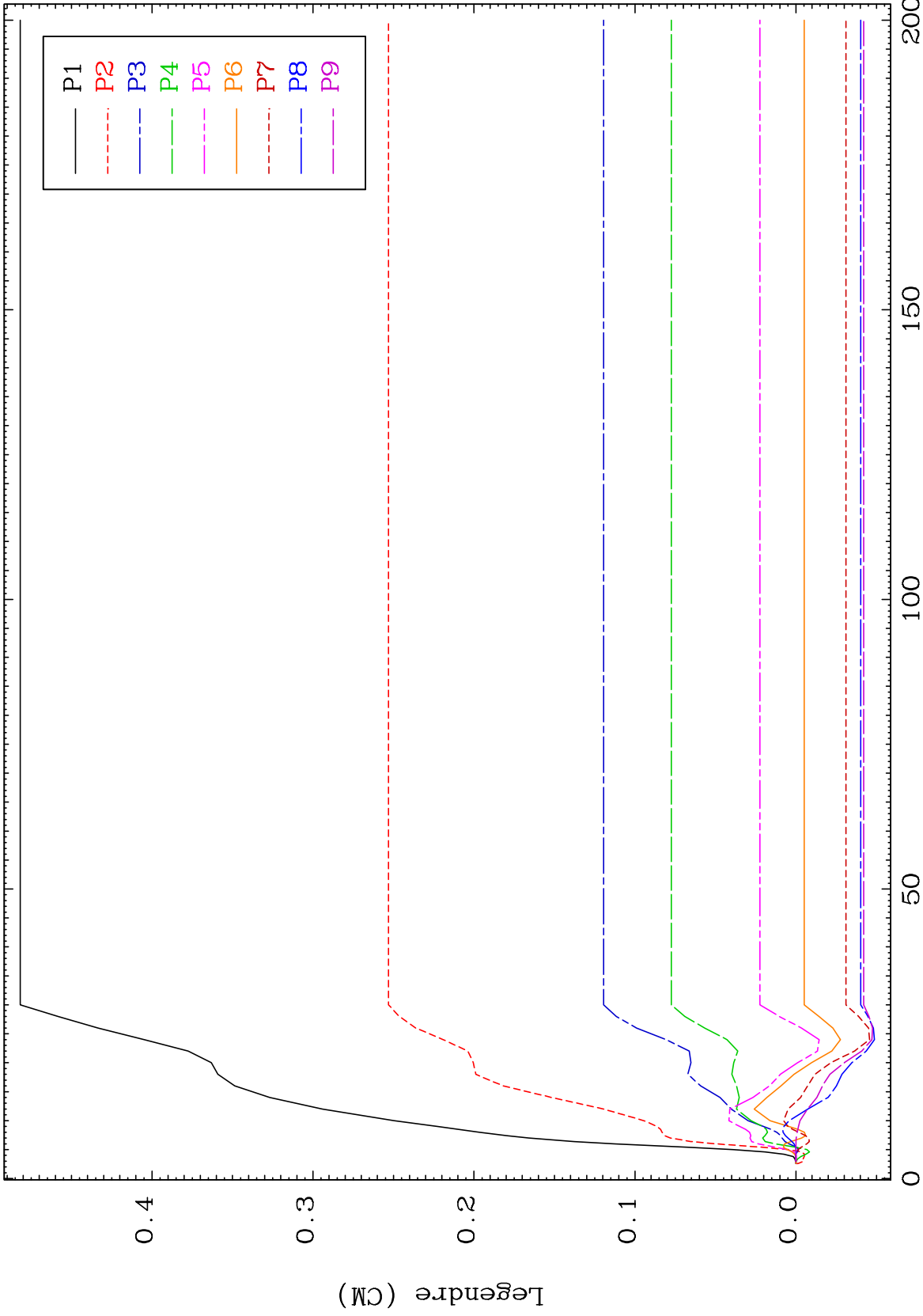
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



105

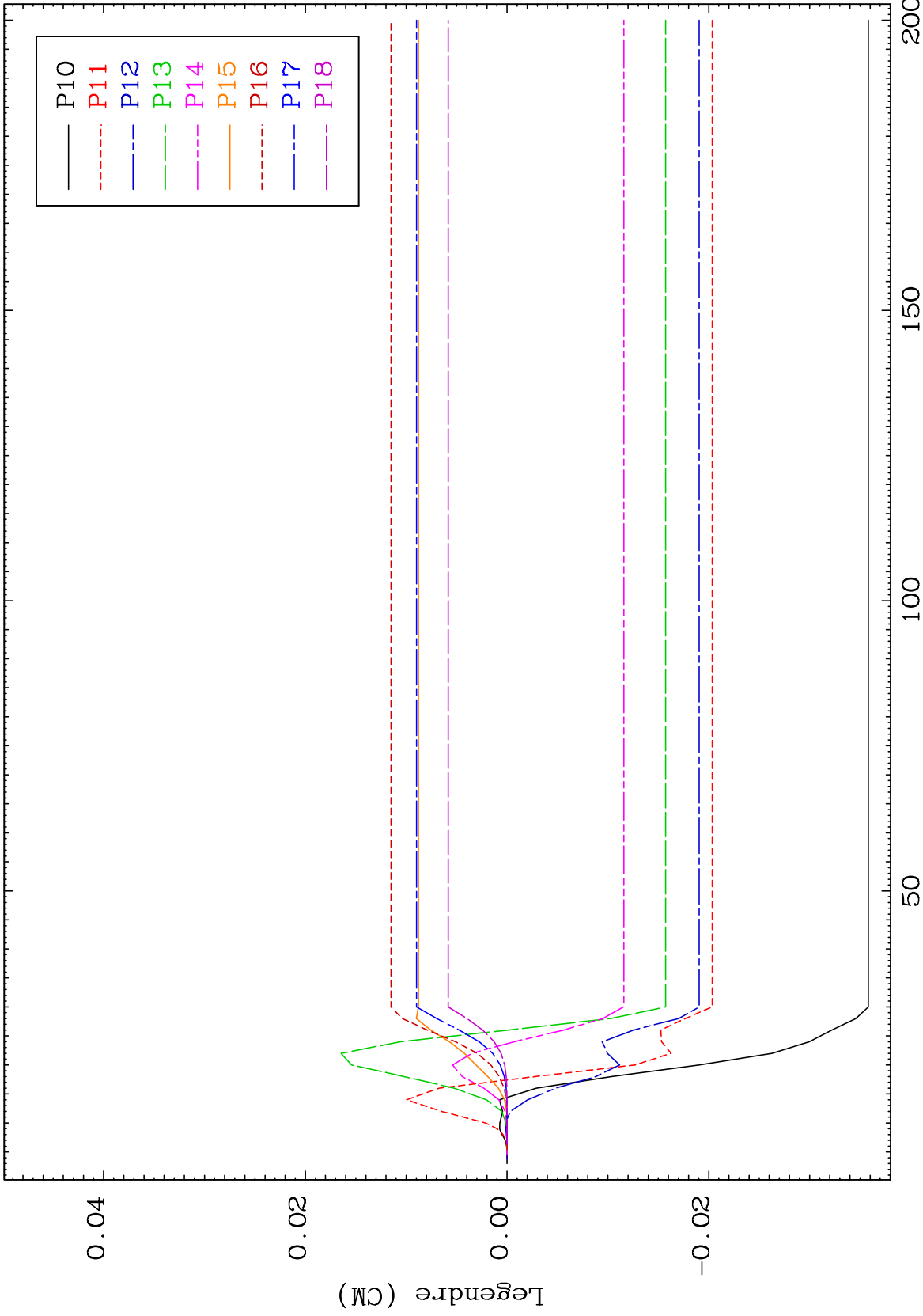
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



106

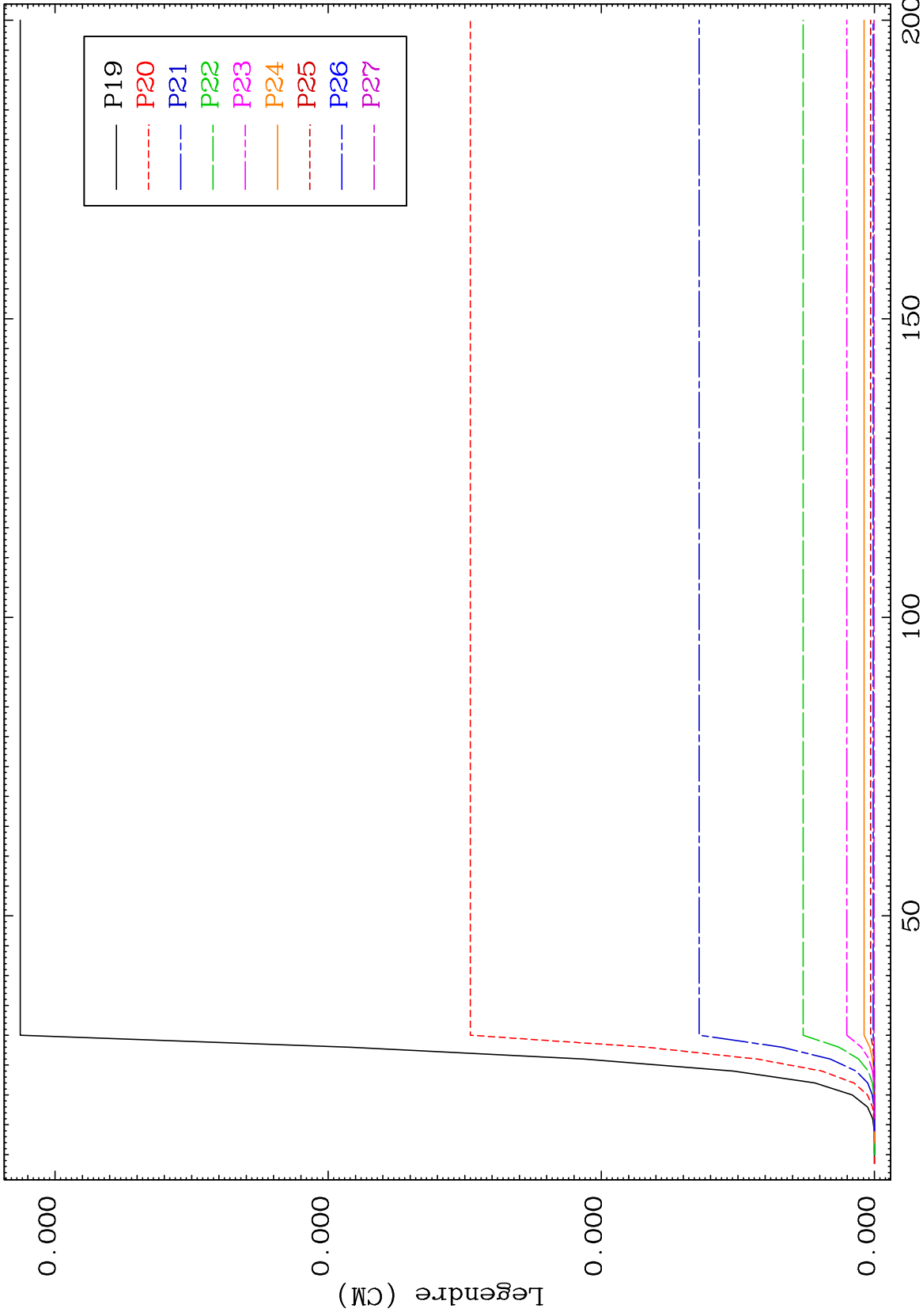
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



107

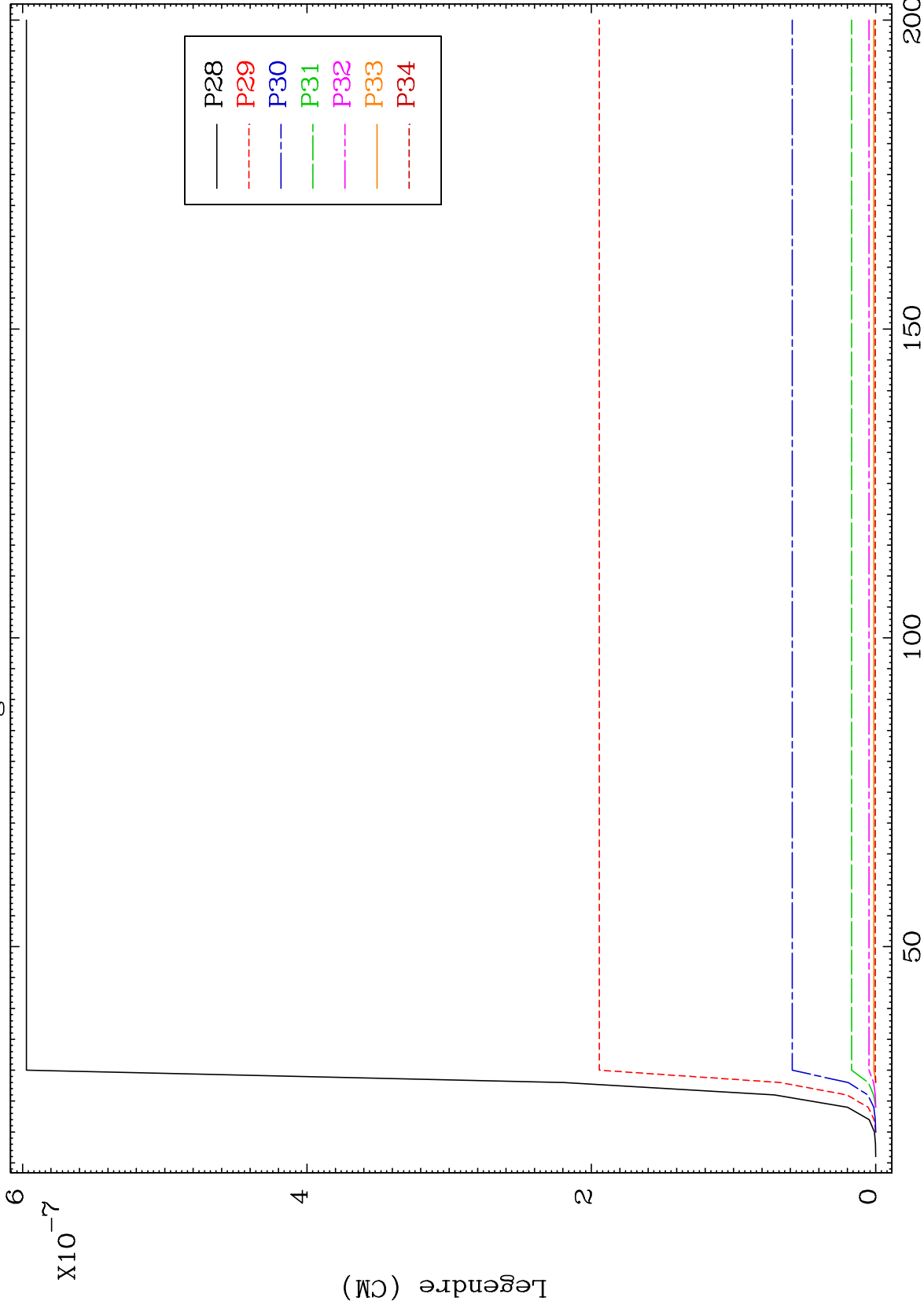
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



108

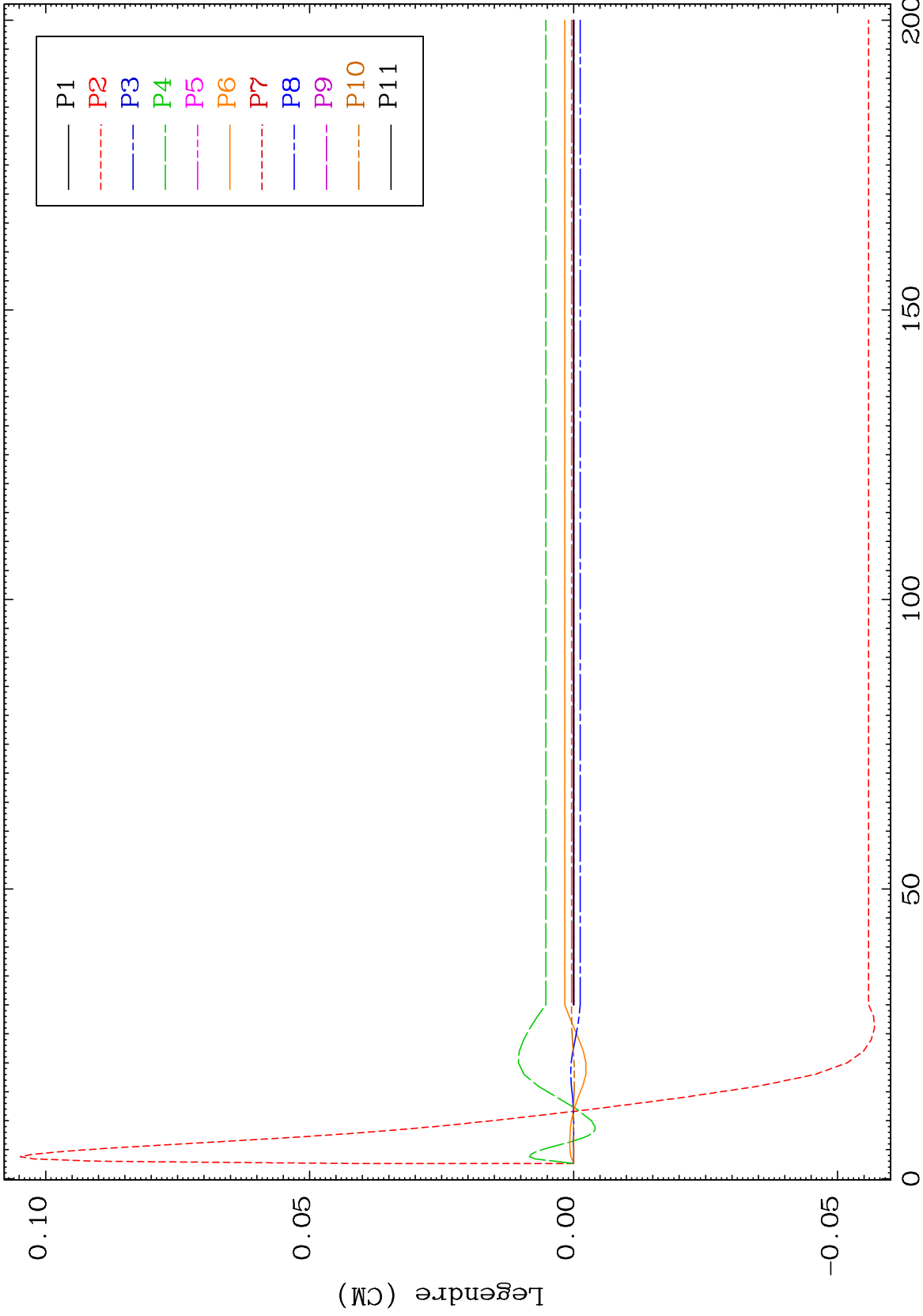
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



109

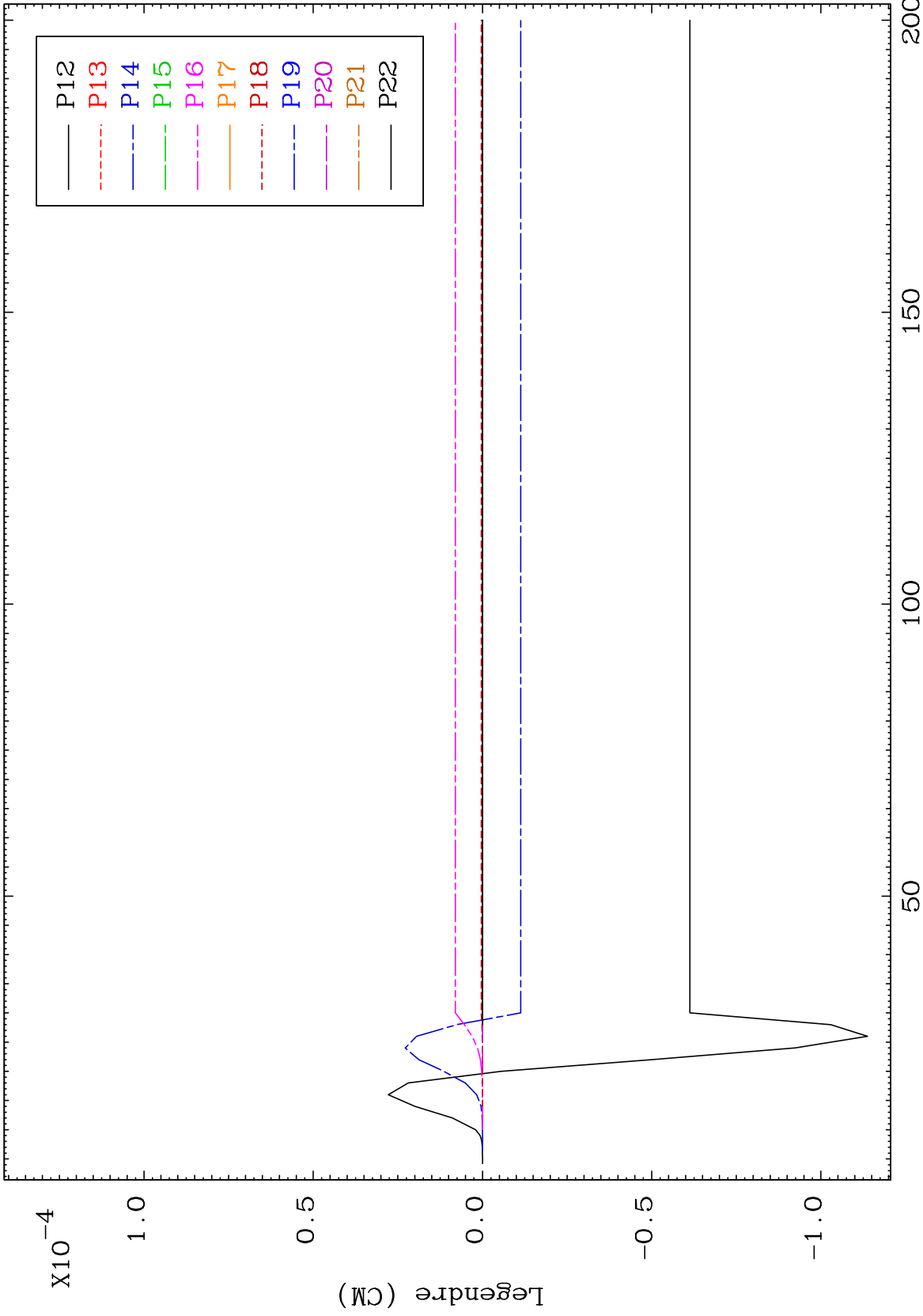
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



110

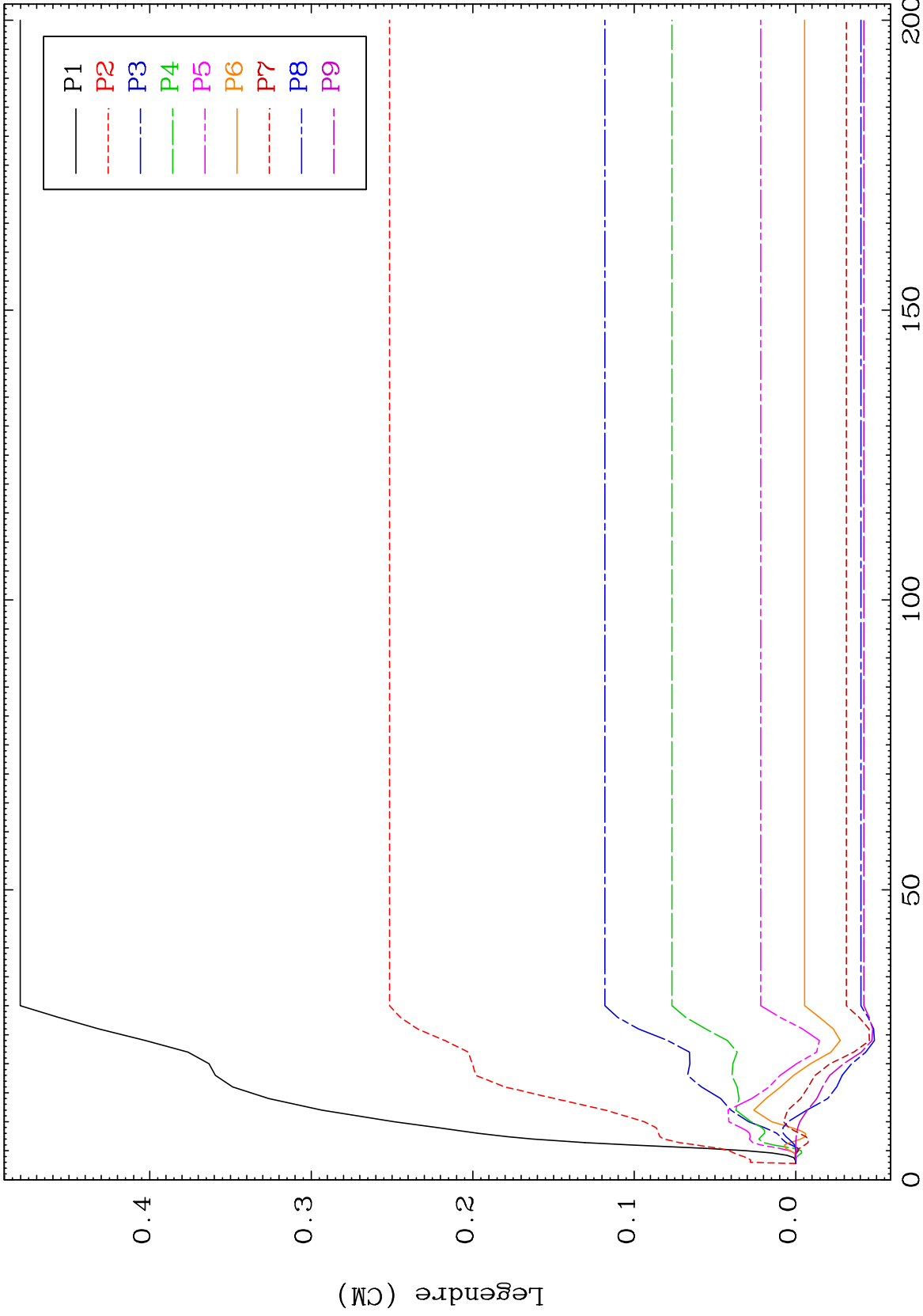
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



111

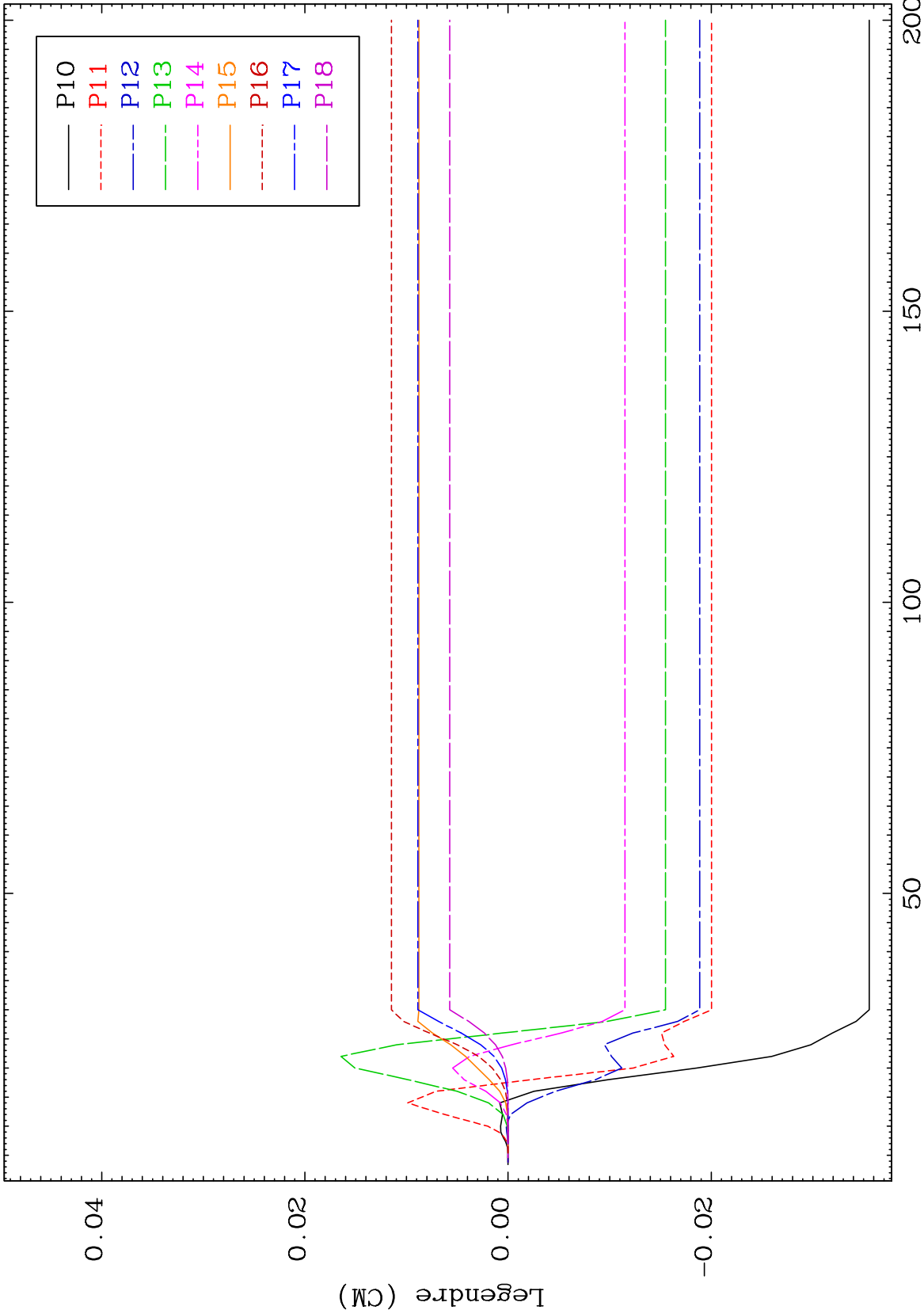
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



112

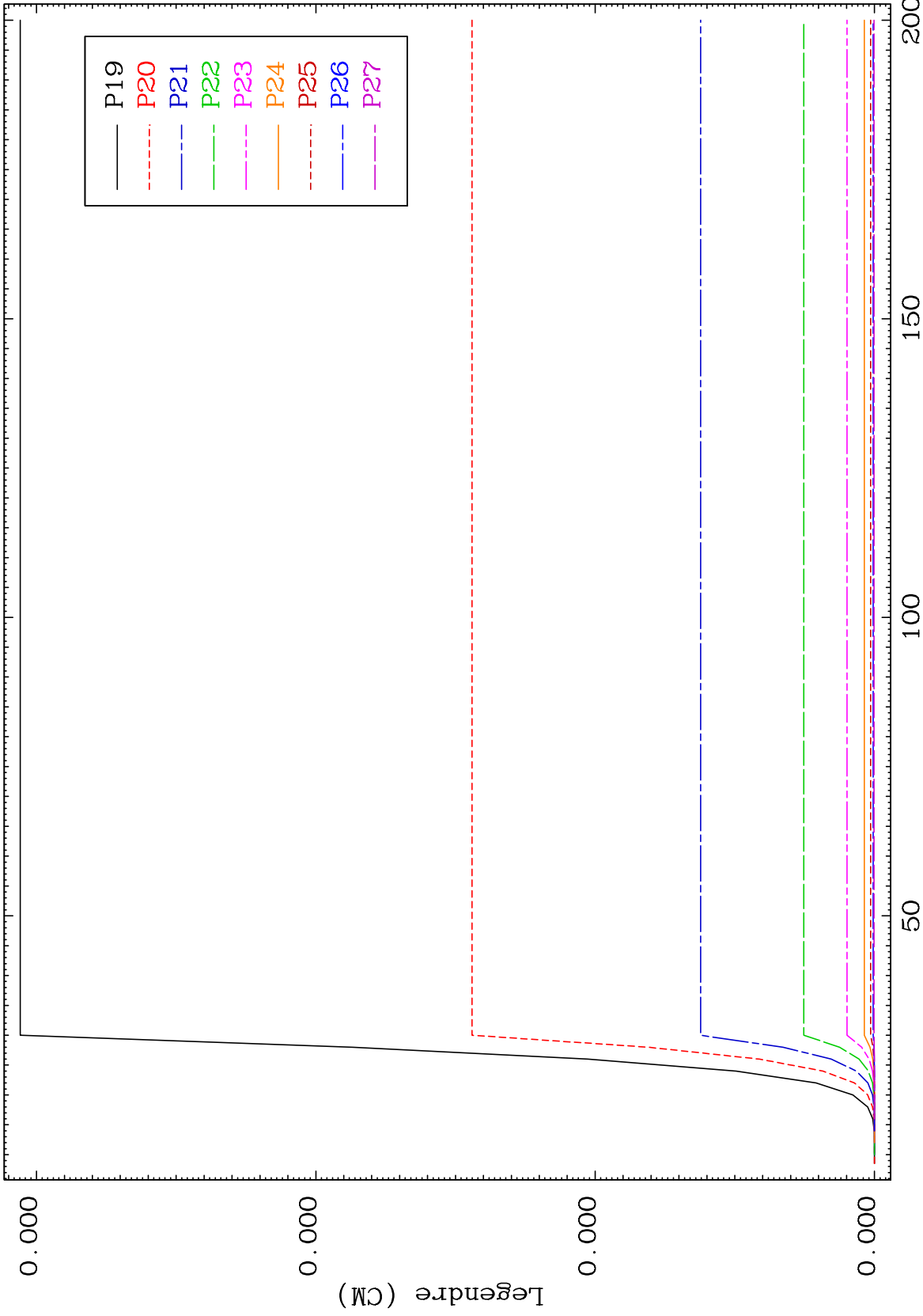
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



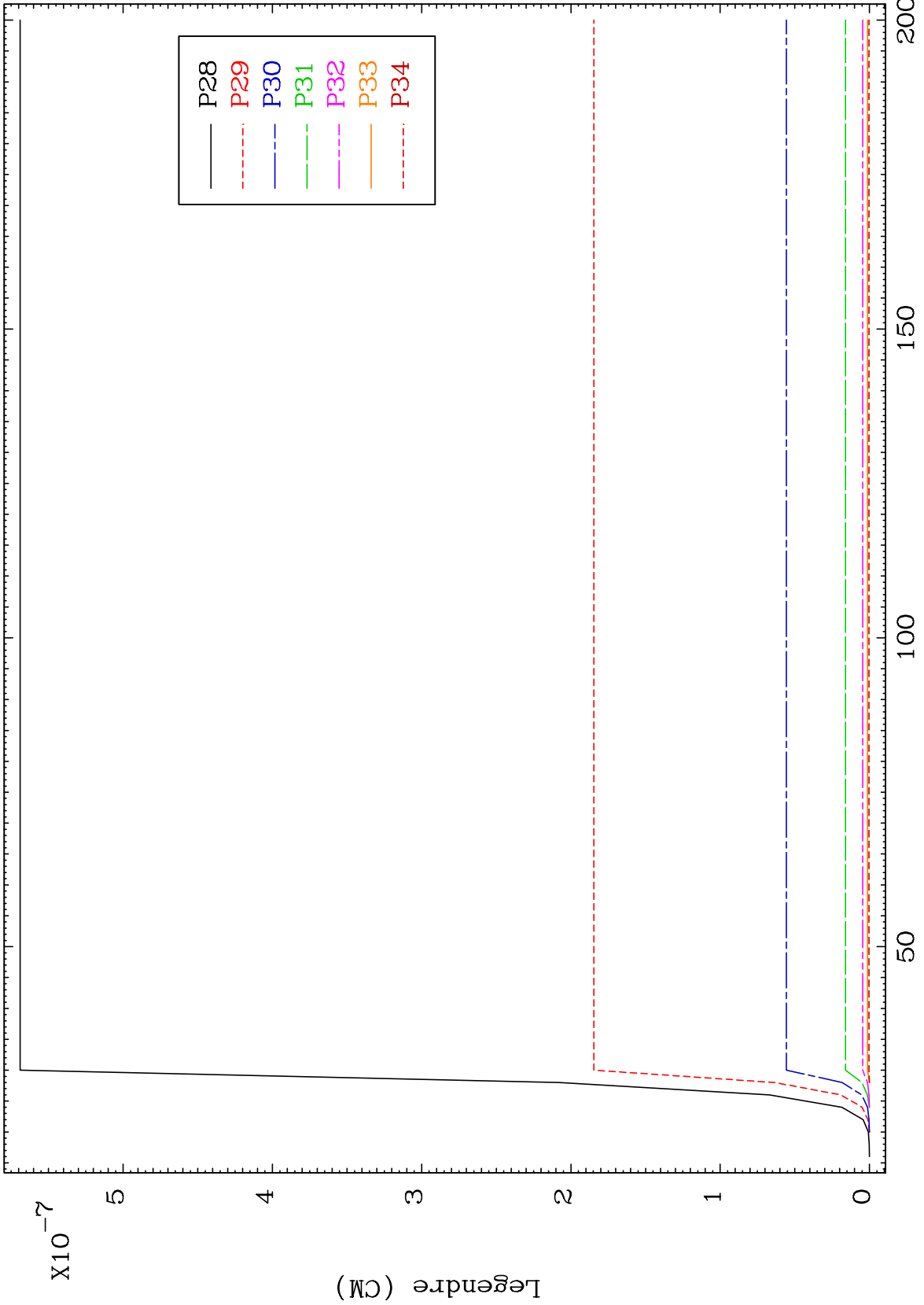
113

39-Y -97

MAT 3949

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

39-Y -97

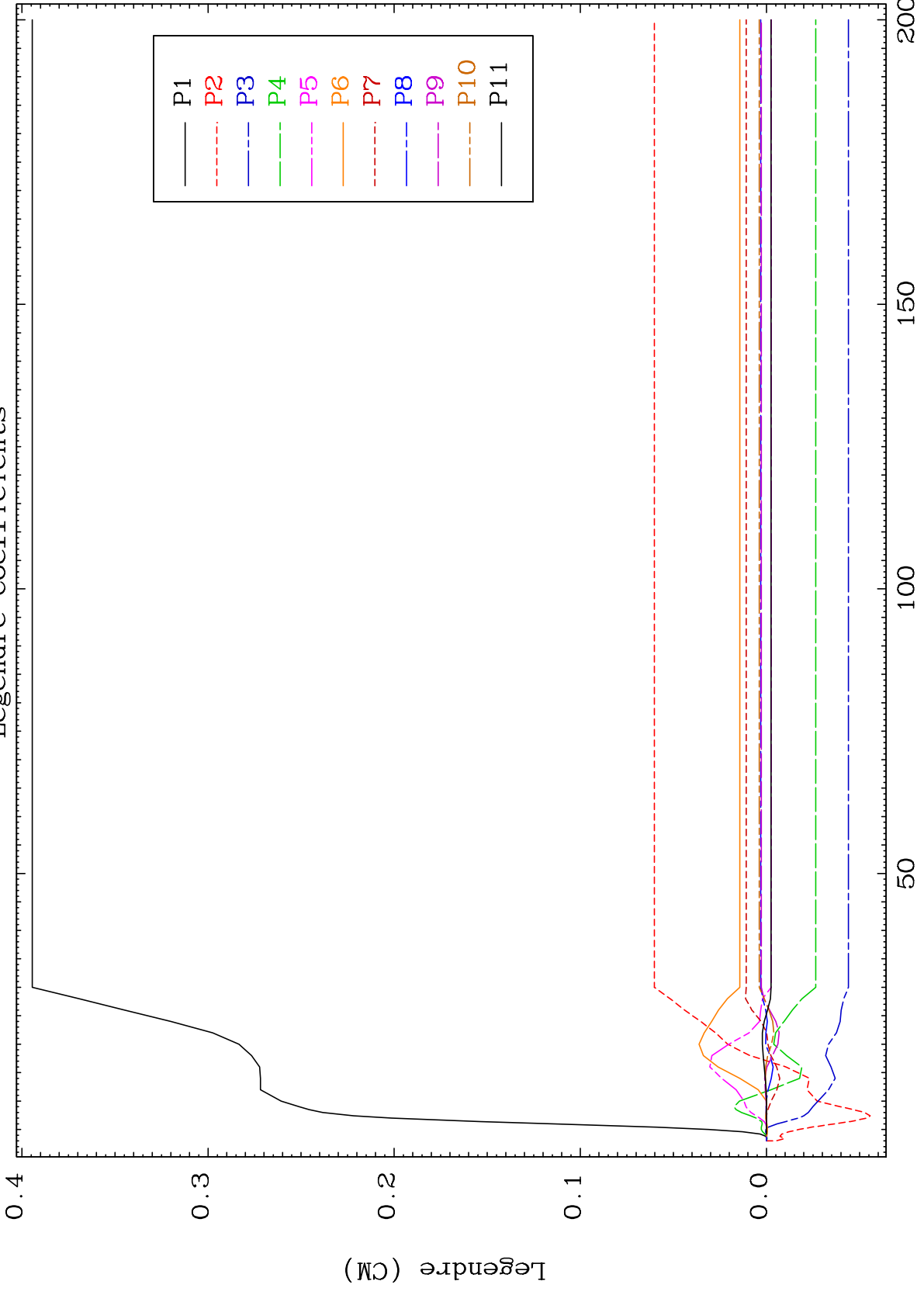


114

Incident Energy (MeV)

39-Y -97

MAT 3949 MT= 76 (n,n') Level Legendre Coefficients 39-Y -97

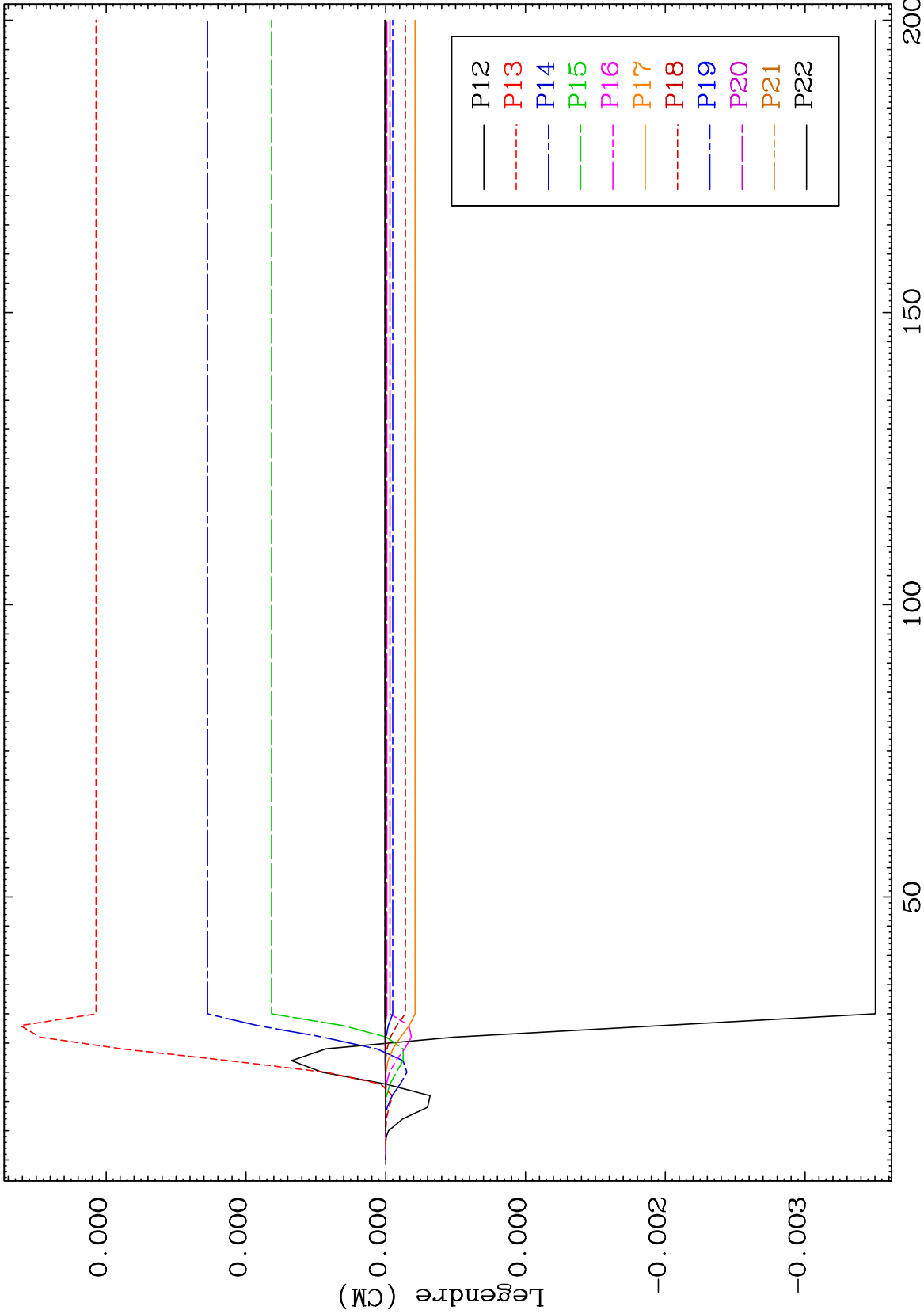


115 Incident Energy (MeV) 39-Y -97

MAT 3949

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

39-Y -97



116

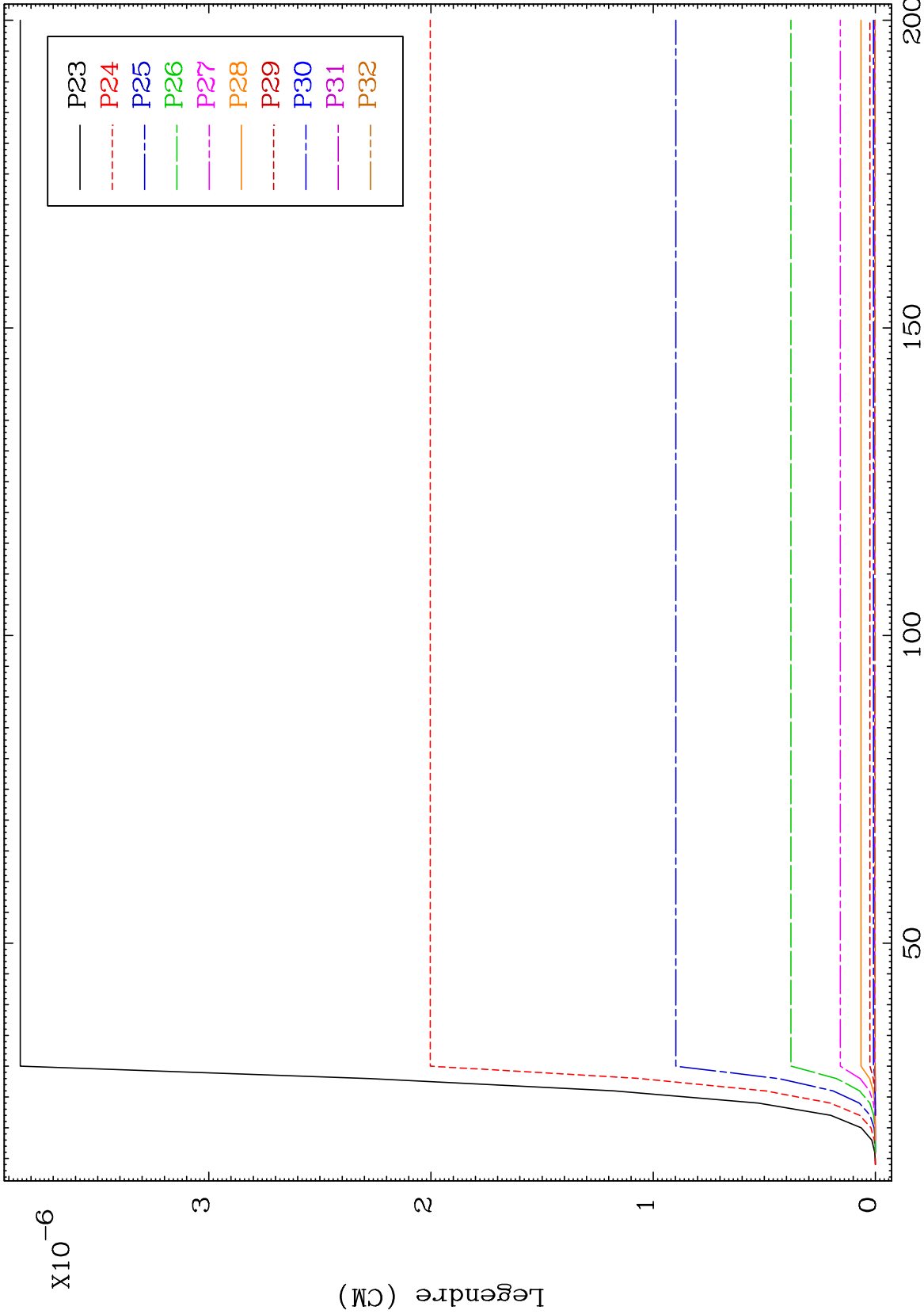
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



117

Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97



118

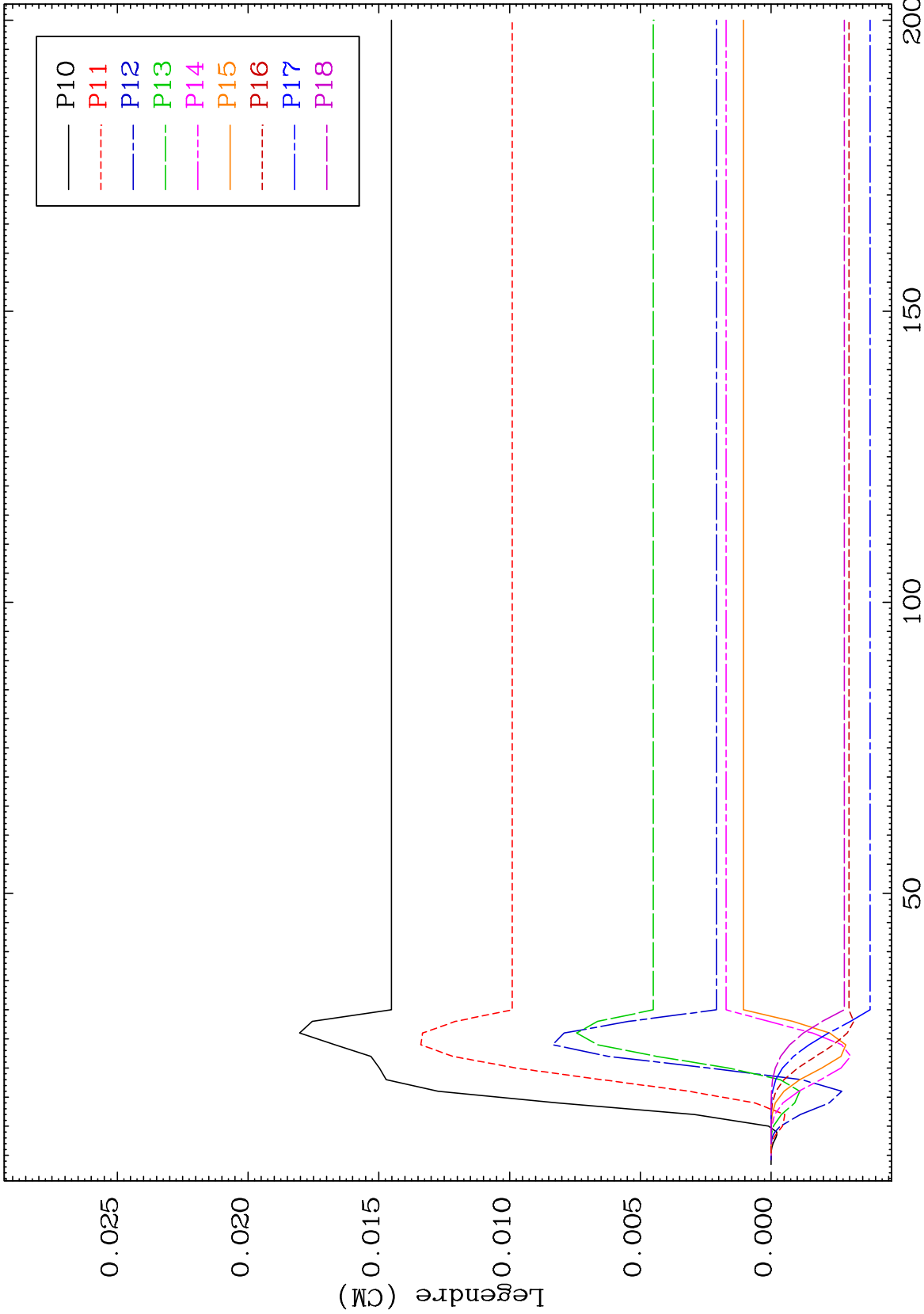
Incident Energy (MeV)

39-Y -97

MAT 3949

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

39-Y -97

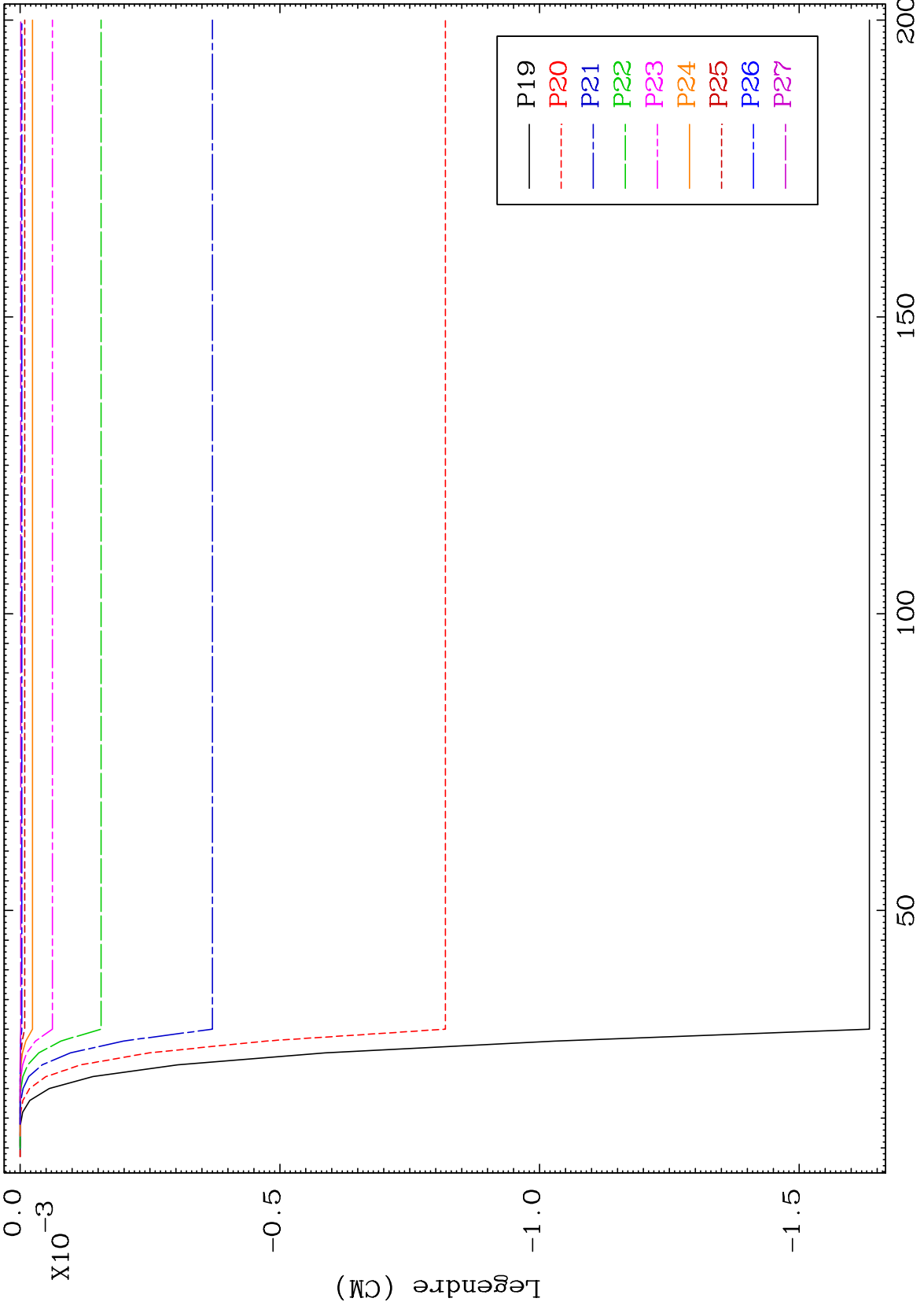


119

Incident Energy (MeV)

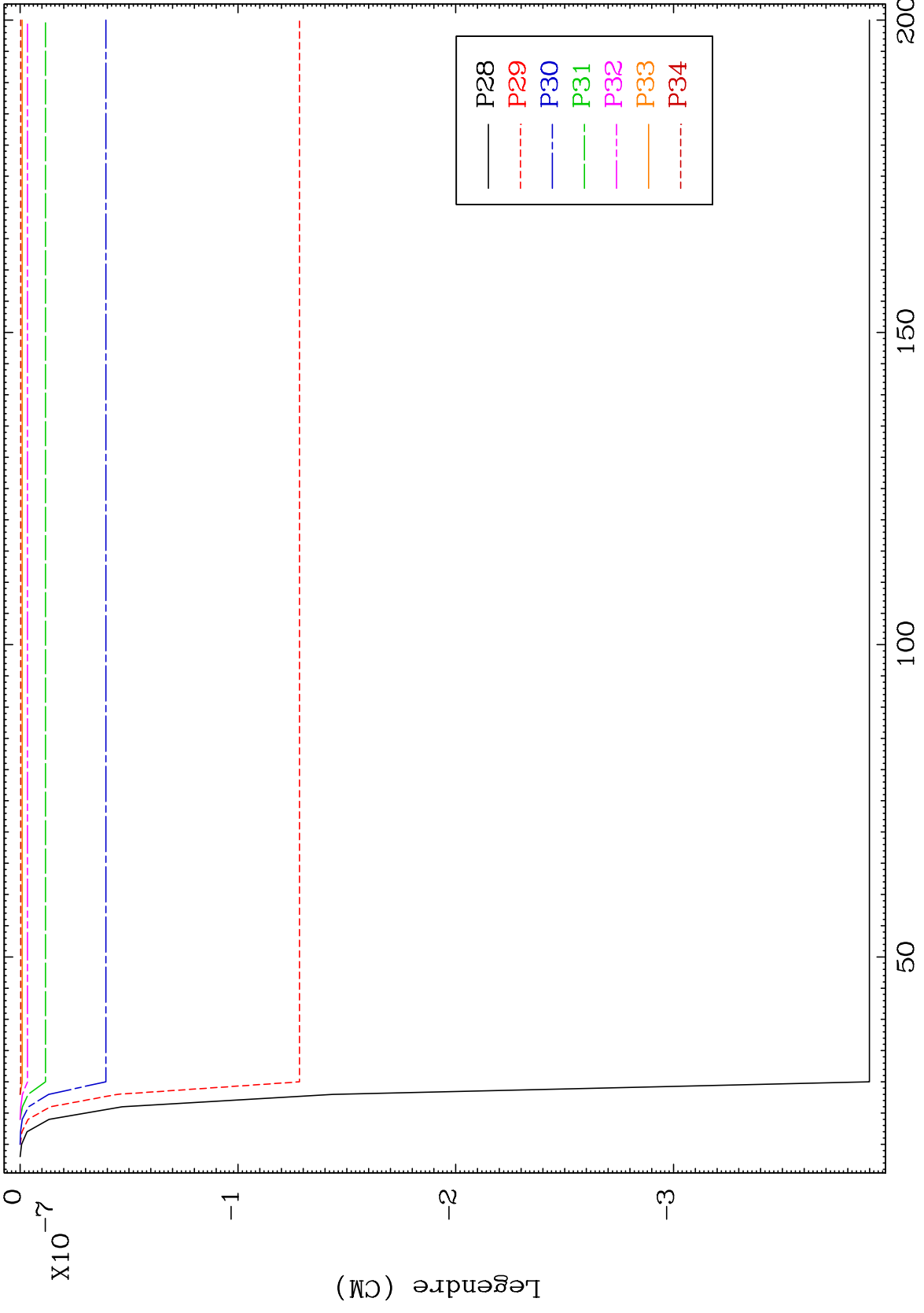
39-Y -97

MAT 3949 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

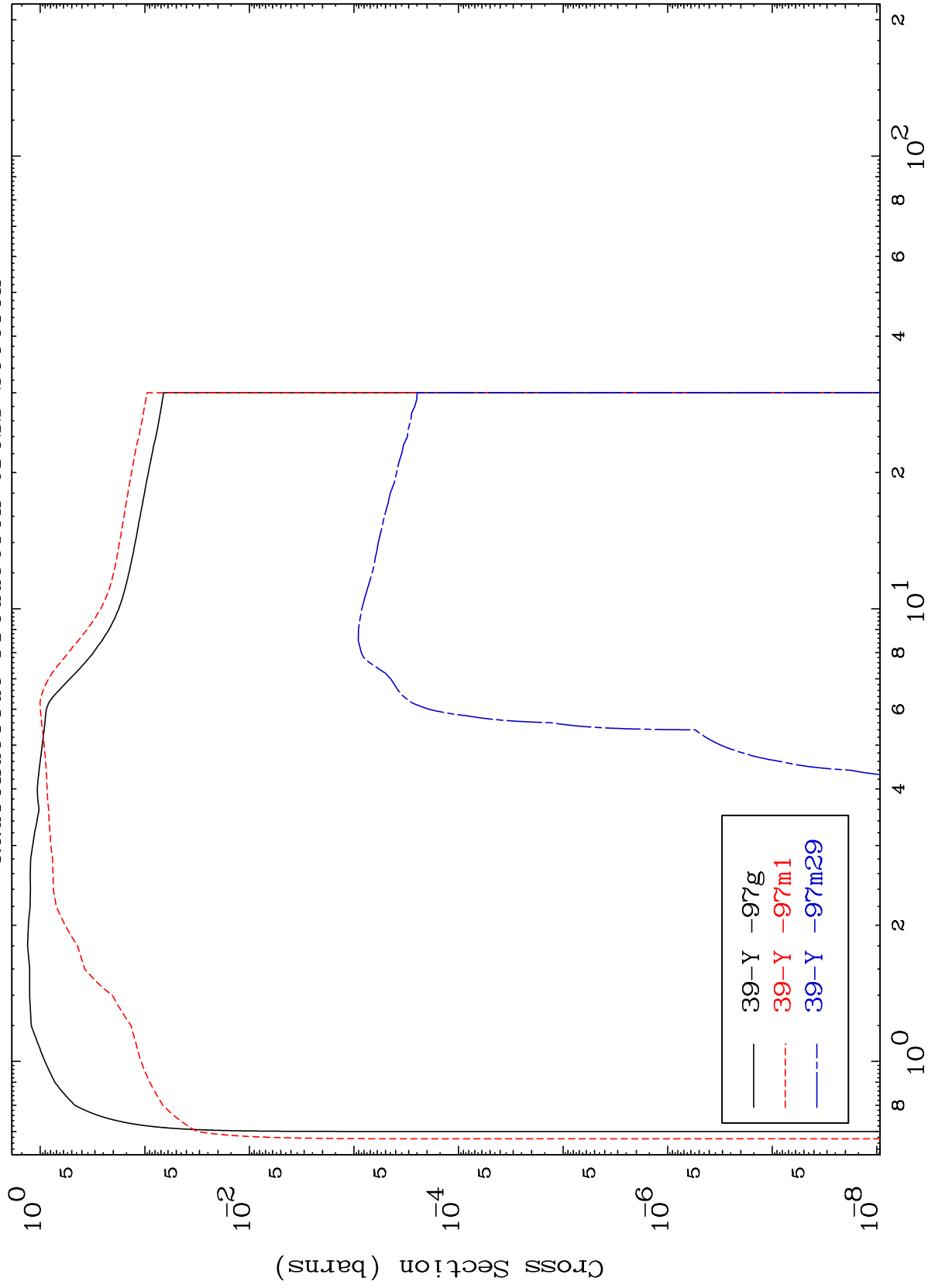


121 39-Y -97

MAT 3949

39-Y -97

Inelastic Radionuclide Production Cross Section



122

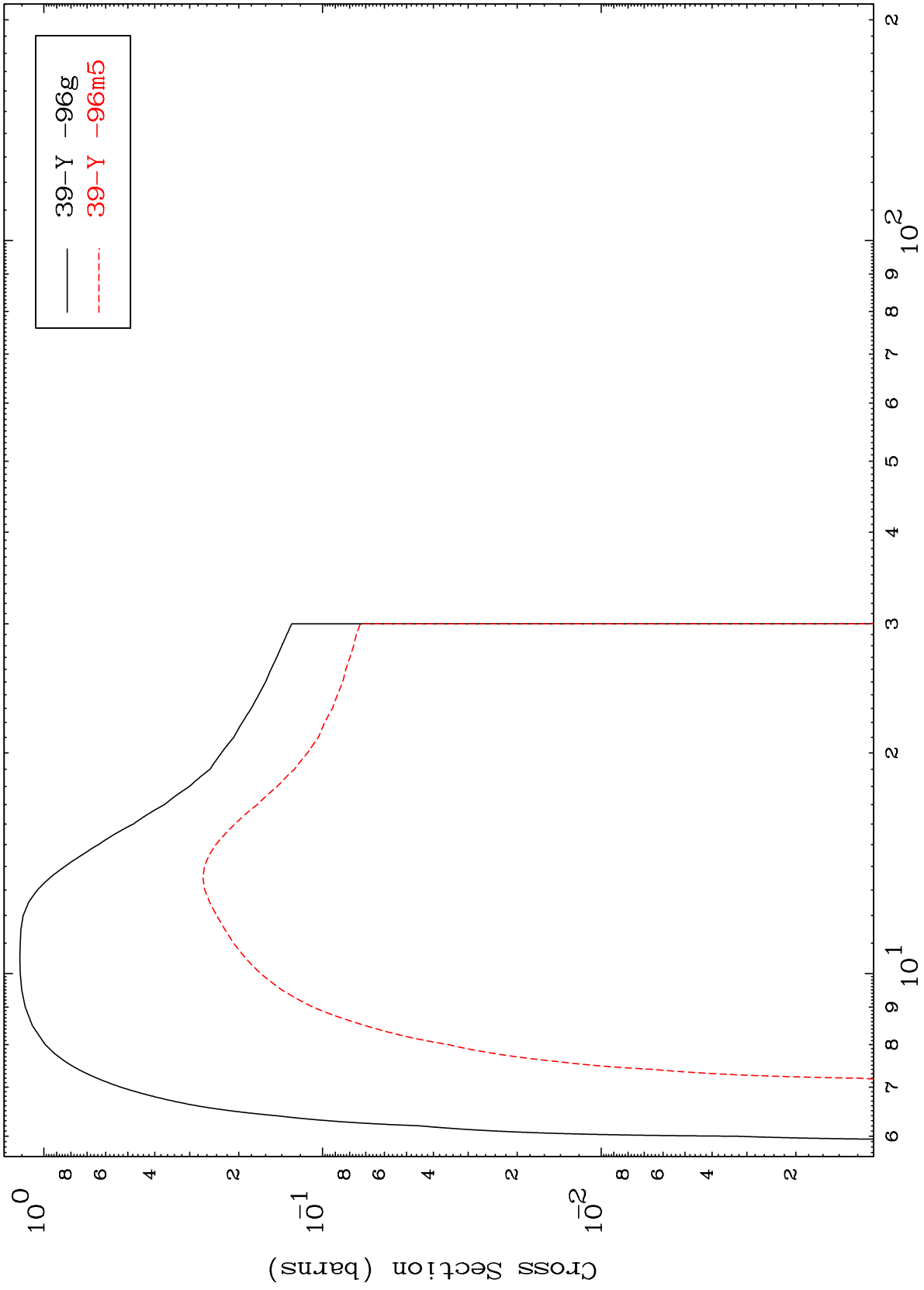
Incident Energy (MeV)

39-Y -97

MAT 3949

39-Y -97

(n,2n)
Radionuclide Production Cross Section



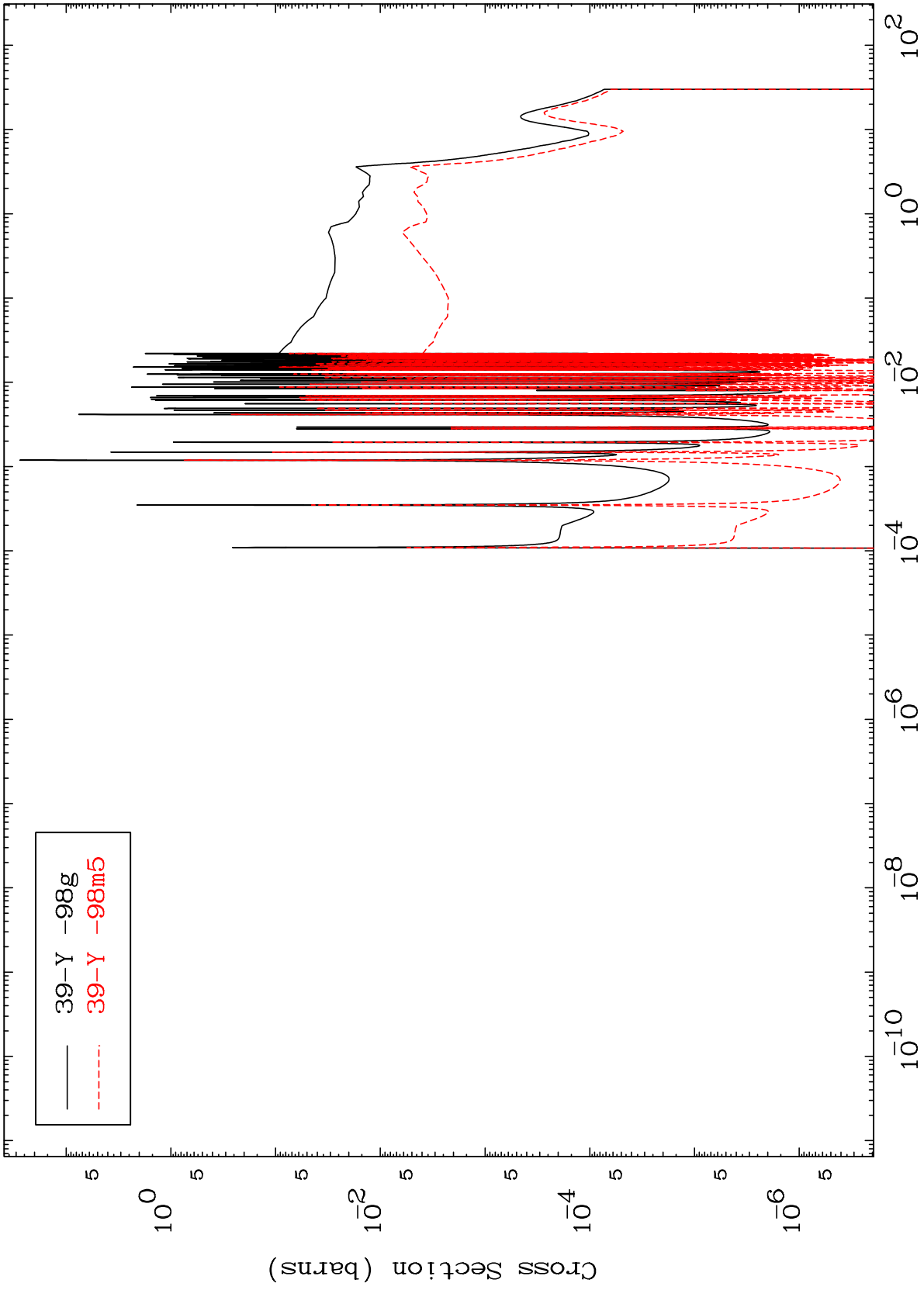
123

39-Y -97

MAT 3949

39-Y -97

Radionuclide Production Cross Section
(n,γ)



124

39-Y -97