

Program EVALPLOT
(Version 2018-1)

by

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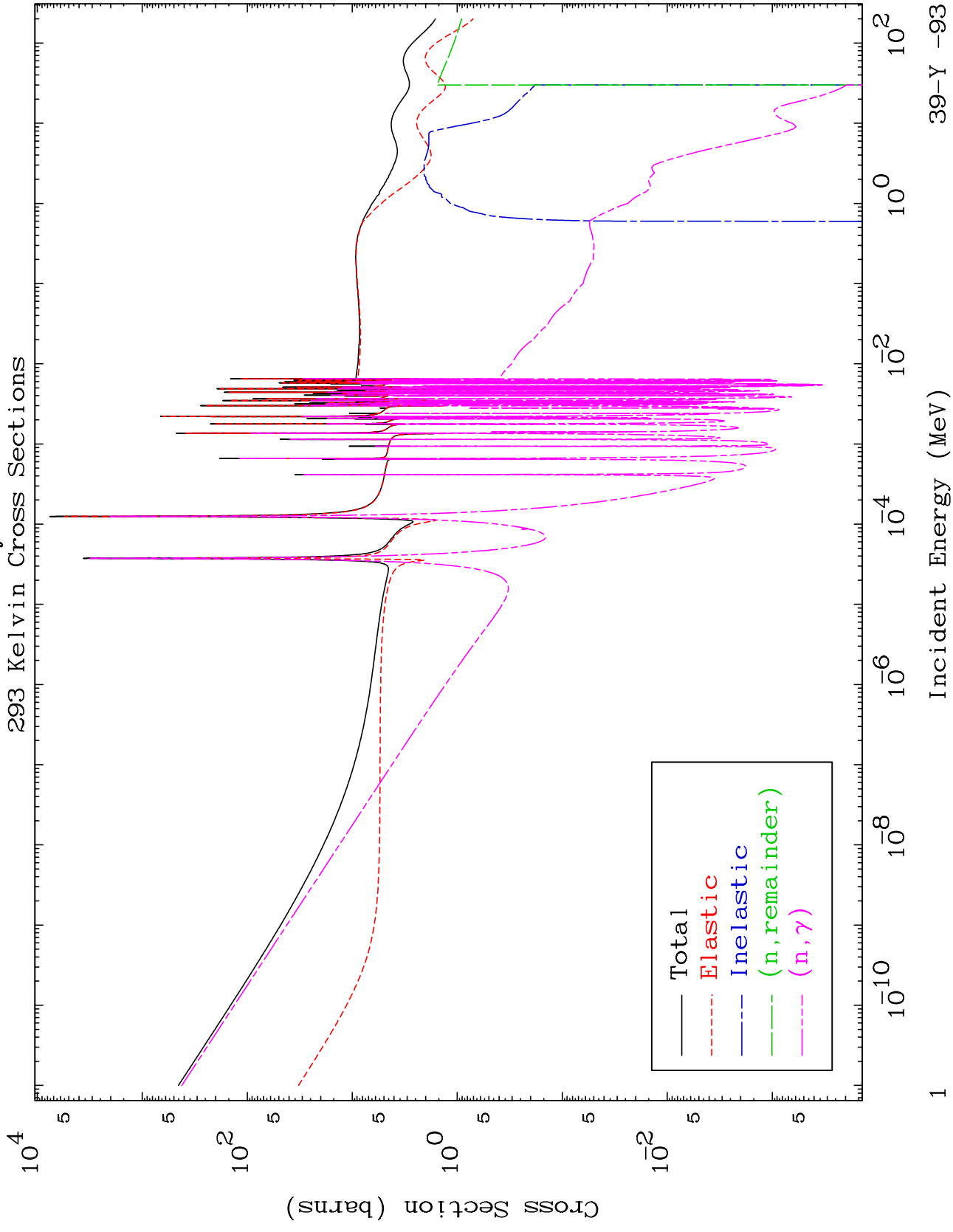
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3937

Major
293 Kelvin Cross Sections

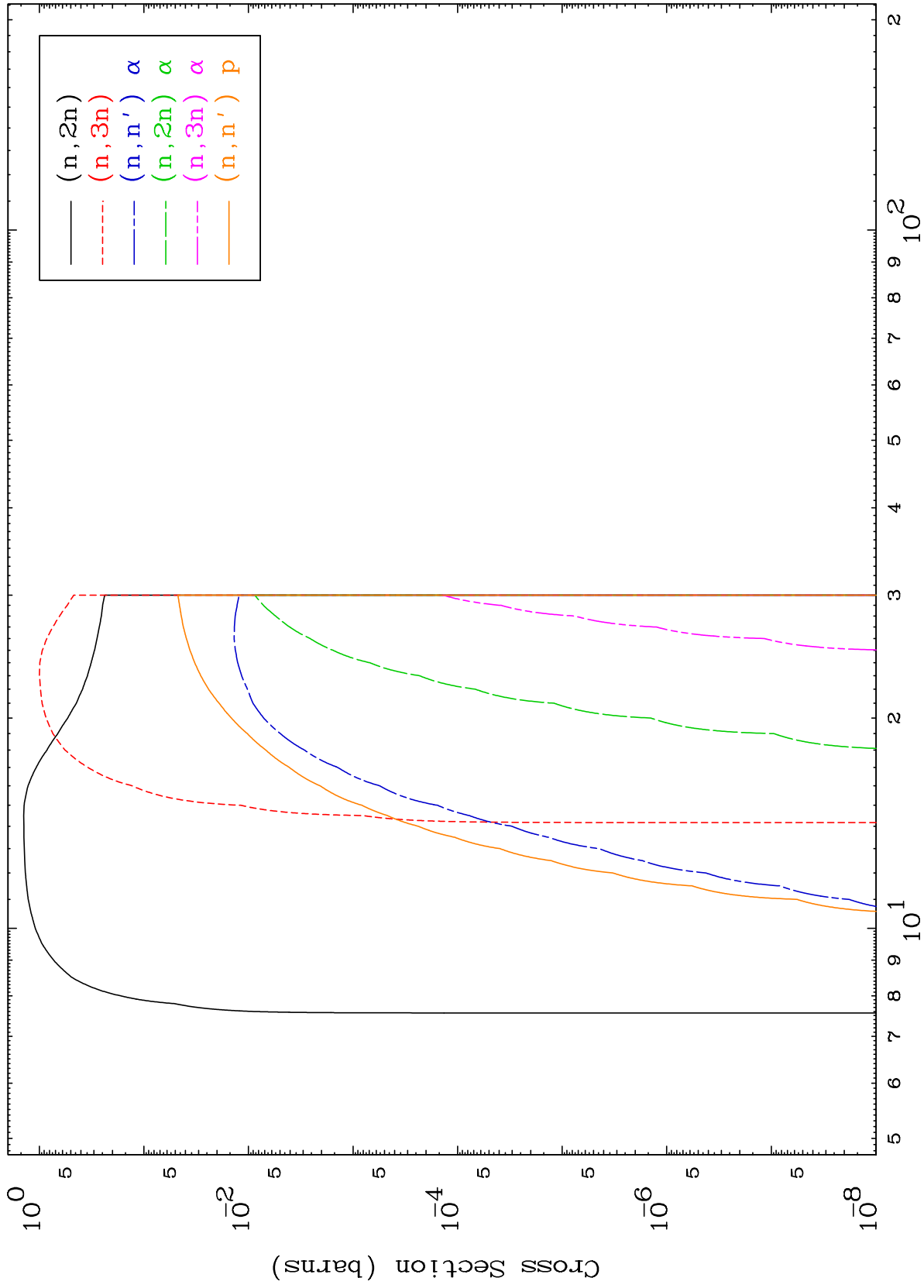
39-Y -93



MAT 3937

Neutron Production
293 Kelvin Cross Sections

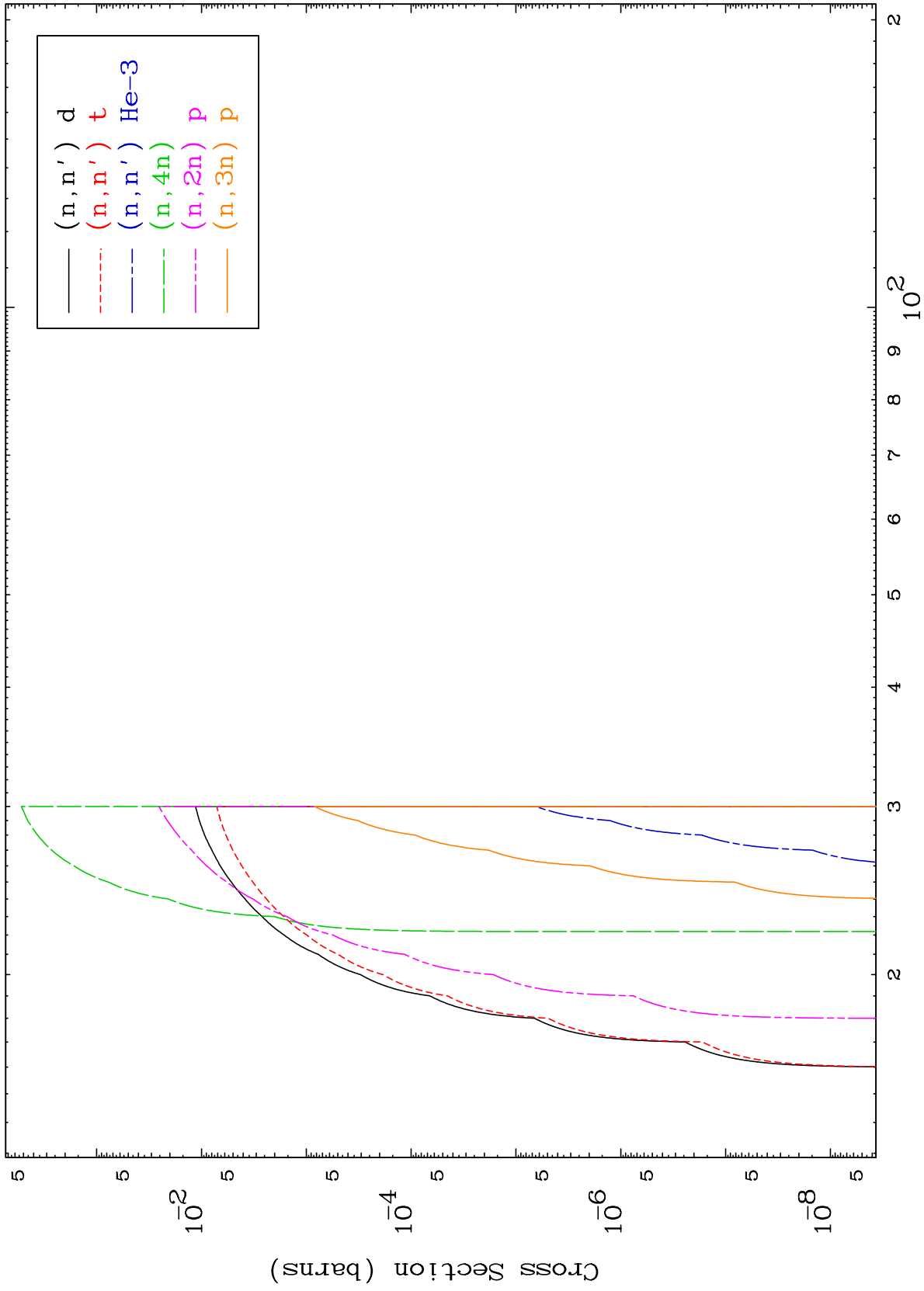
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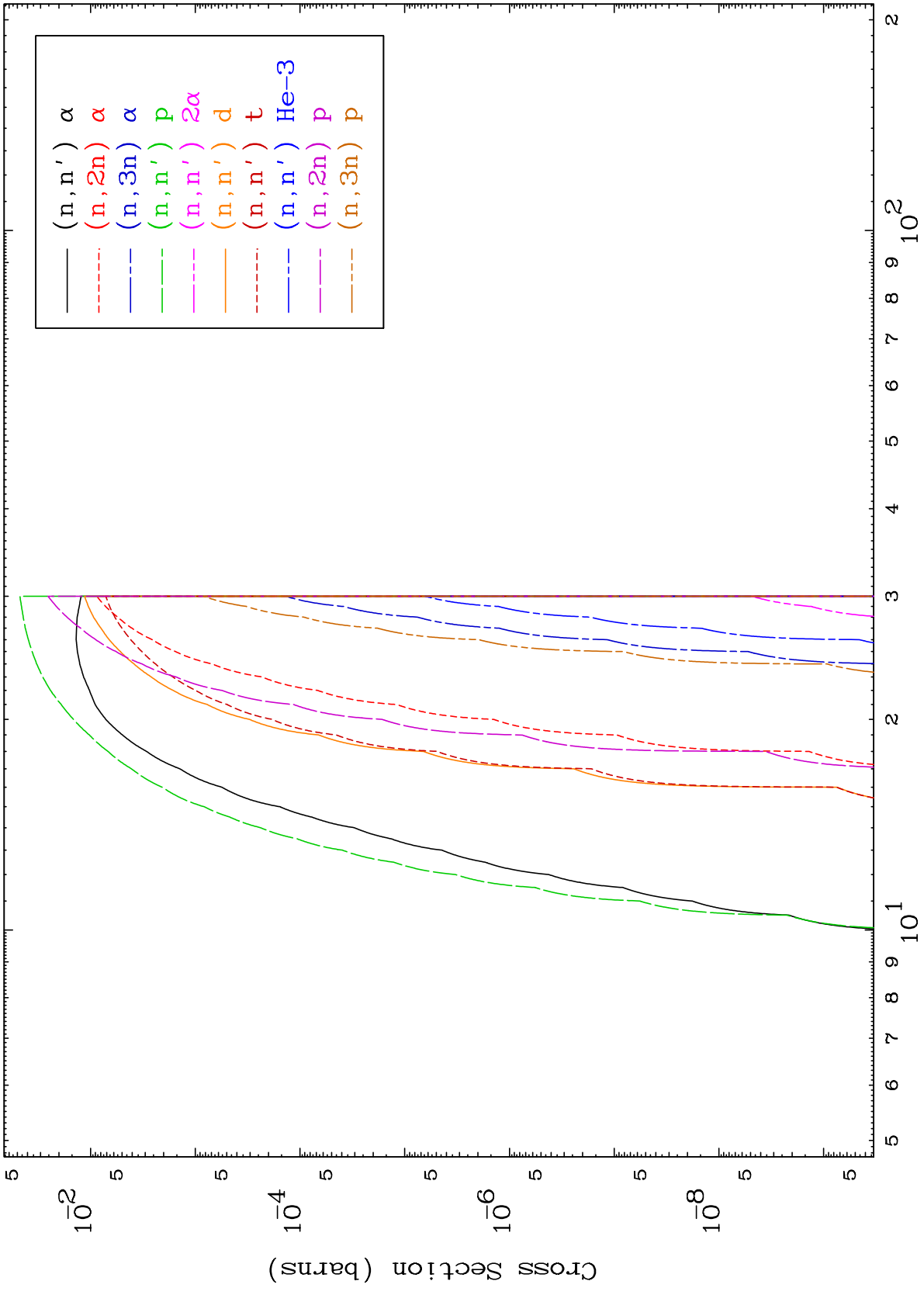


2

Incident Energy (MeV)

39-Y -93

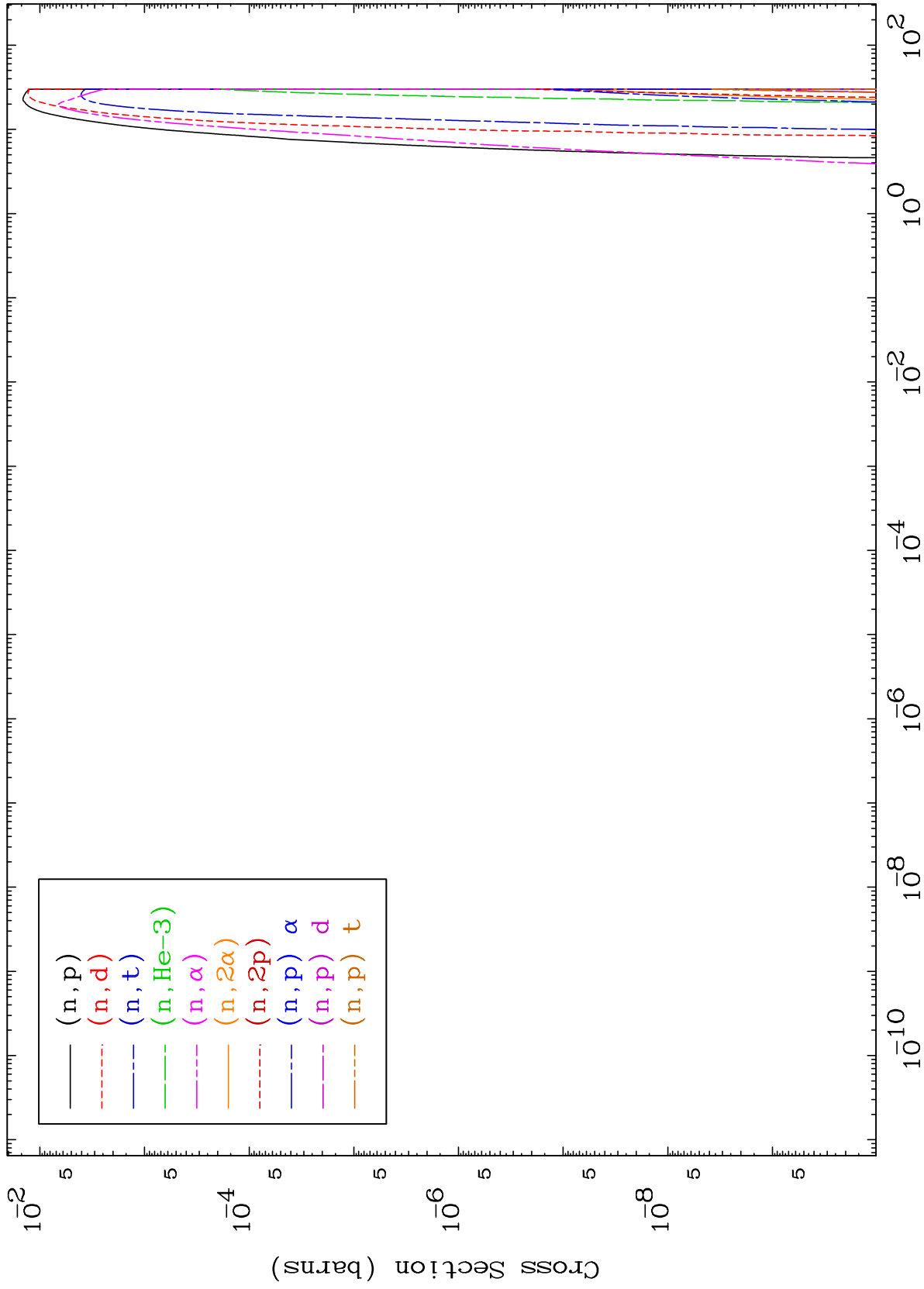




MAT 3937

Charged Particle
293 Kelvin Cross Sections

39-Y -93



5

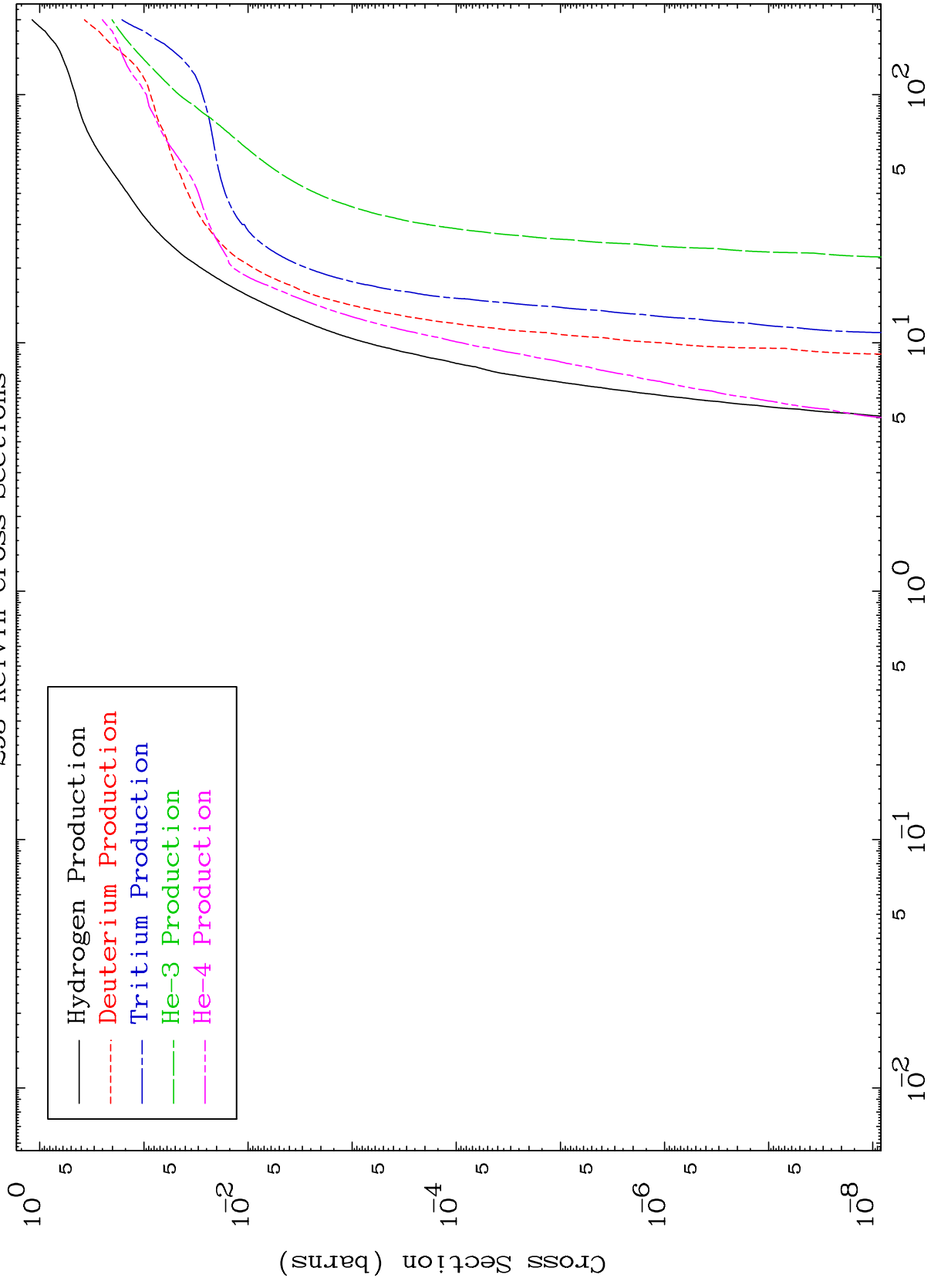
Incident Energy (MeV)

39-Y -93

MAT 3937

Particle Production
293 Kelvin Cross Sections

39-Y -93



6

Incident Energy (MeV)

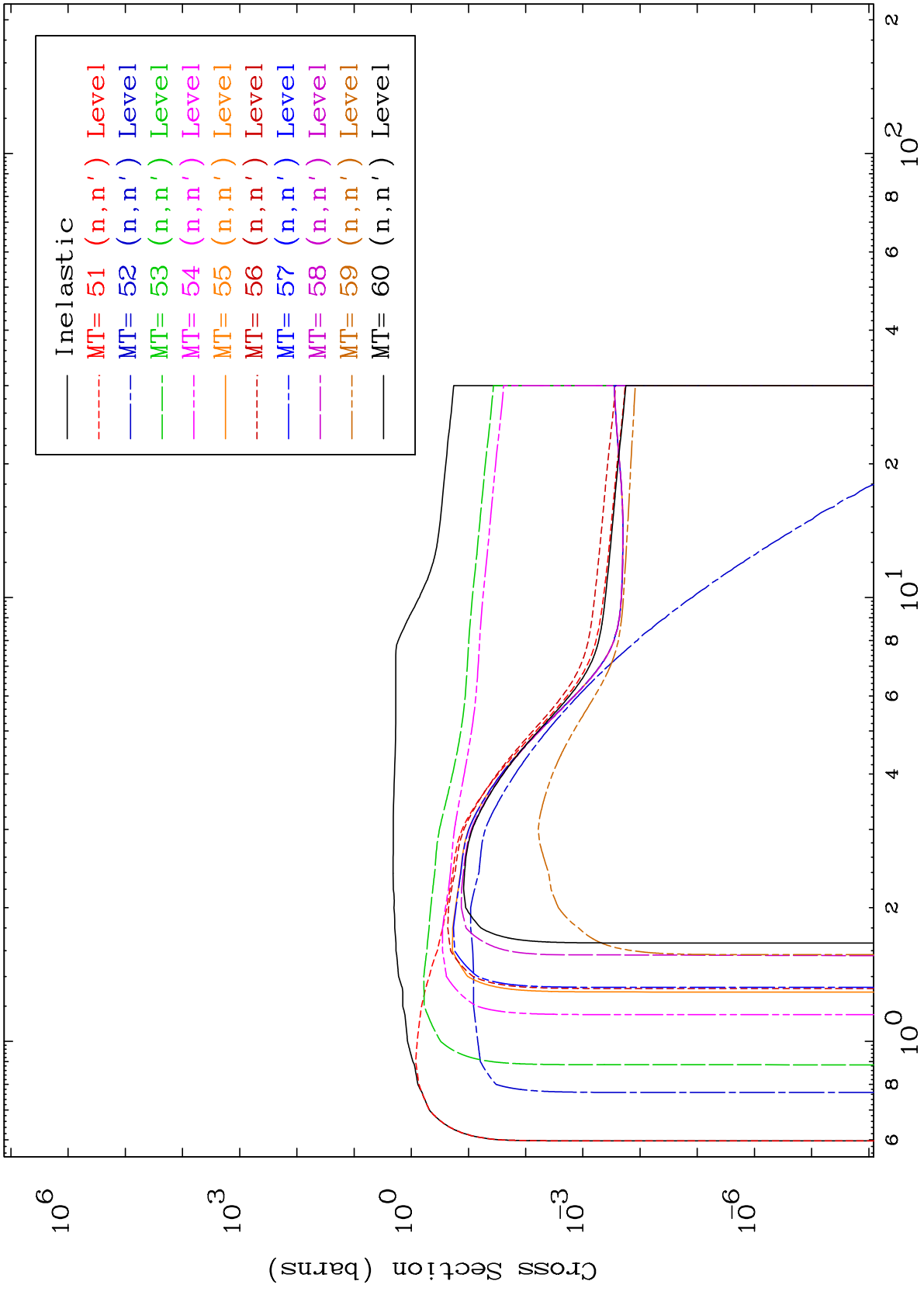
39-Y -93

MAT 3937

(n,n') Level

293 Kelvin Cross Sections

39-Y -93



7

Incident Energy (MeV)

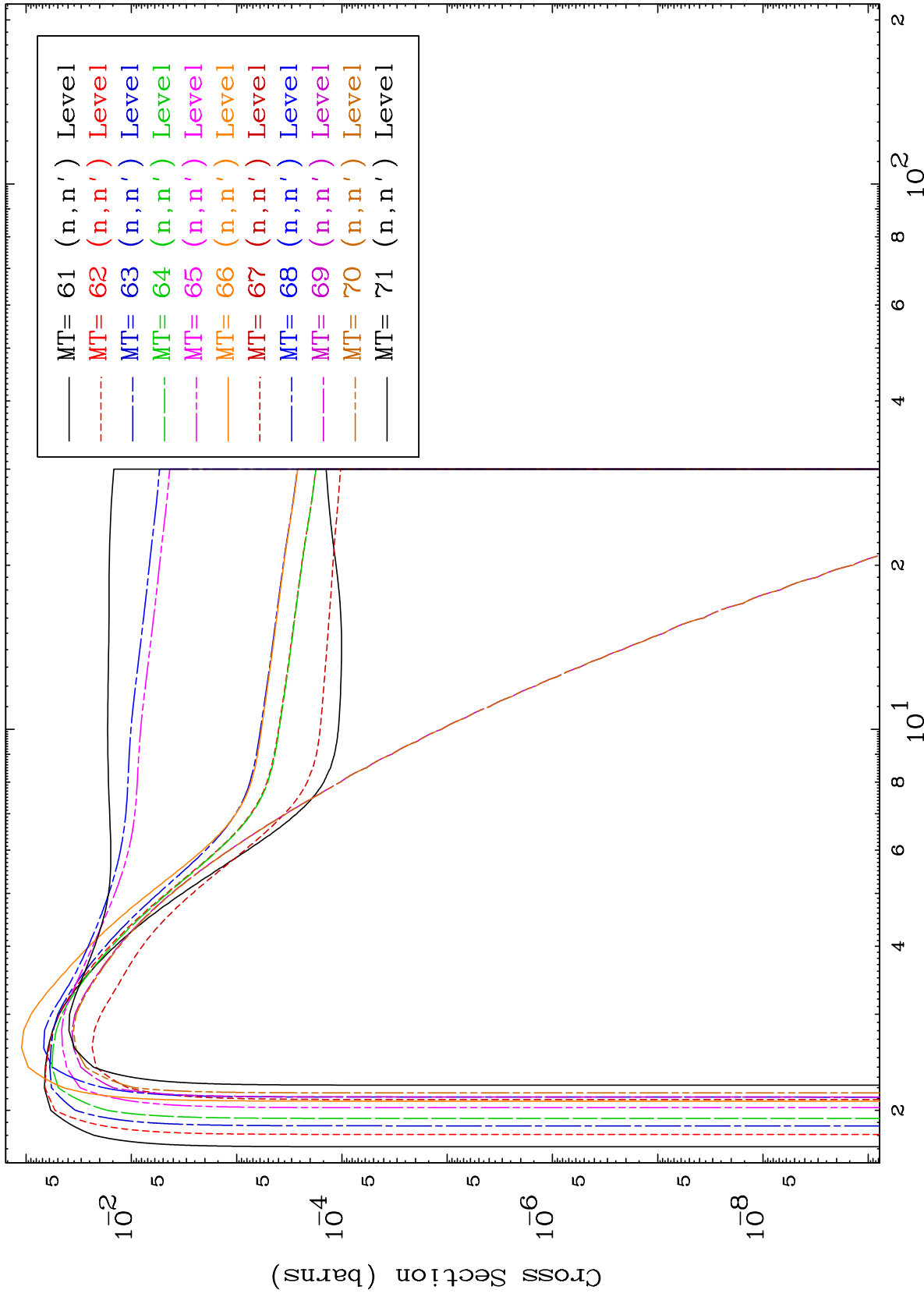
39-Y -93

MAT 3937

(n,n') Level

293 Kelvin Cross Sections

39-Y -93



8

Incident Energy (MeV)

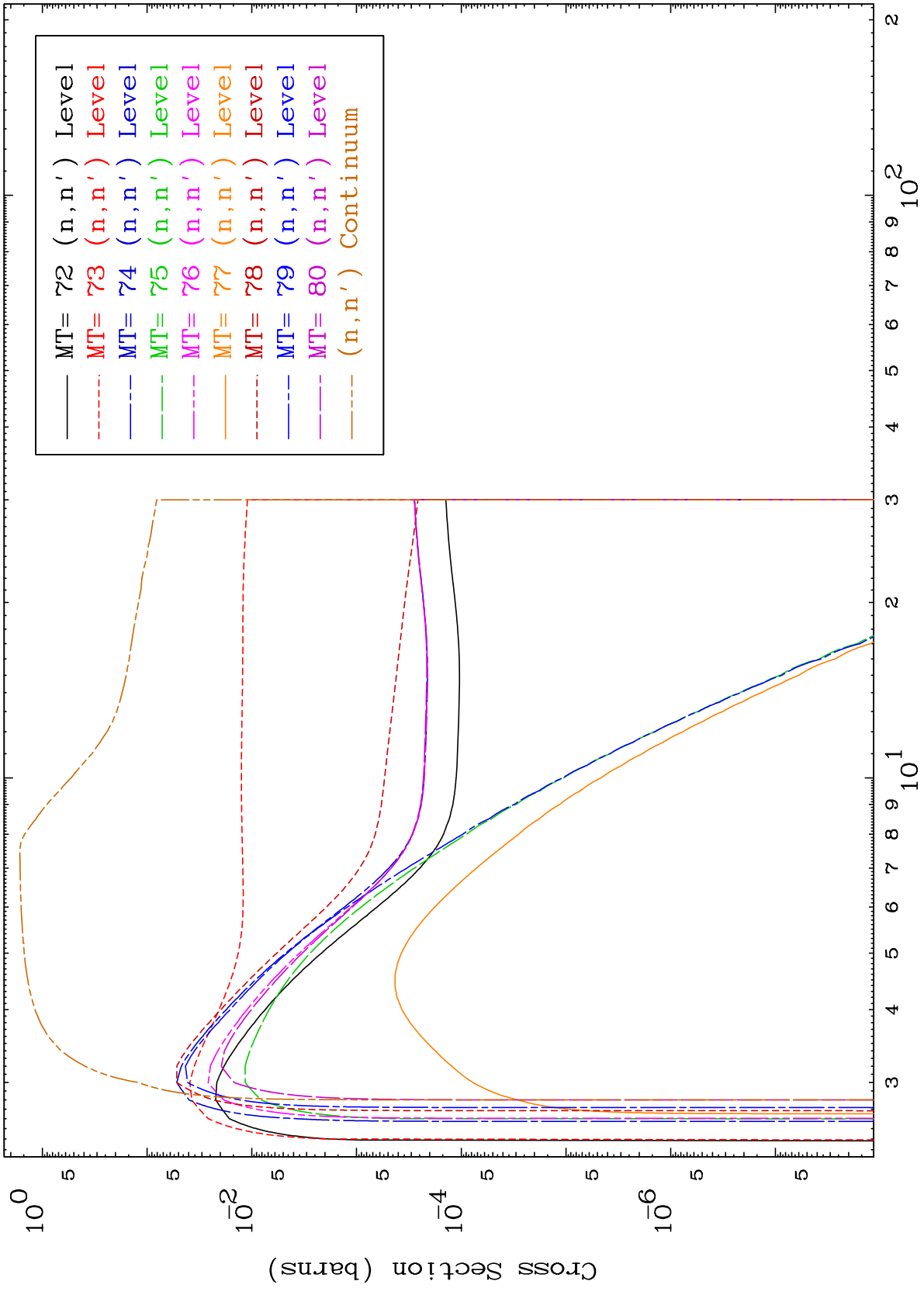
39-Y -93

MAT 3937

(n,n') Level

39-Y -93

293 Kelvin Cross Sections



9

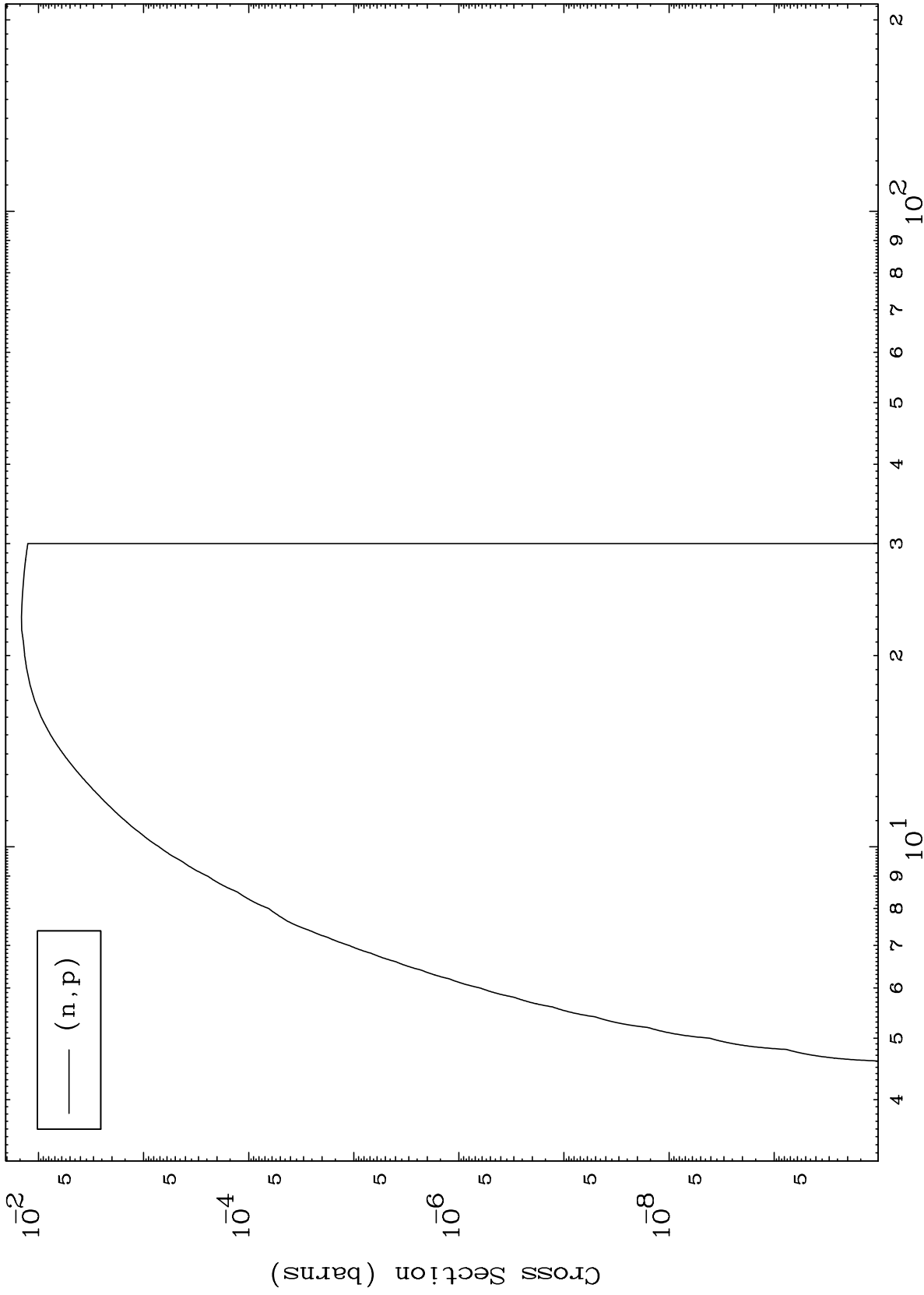
Incident Energy (MeV)

39-Y -93

MAT 3937

(n,p) Levels
293 Kelvin Cross Sections

39-Y -93



10

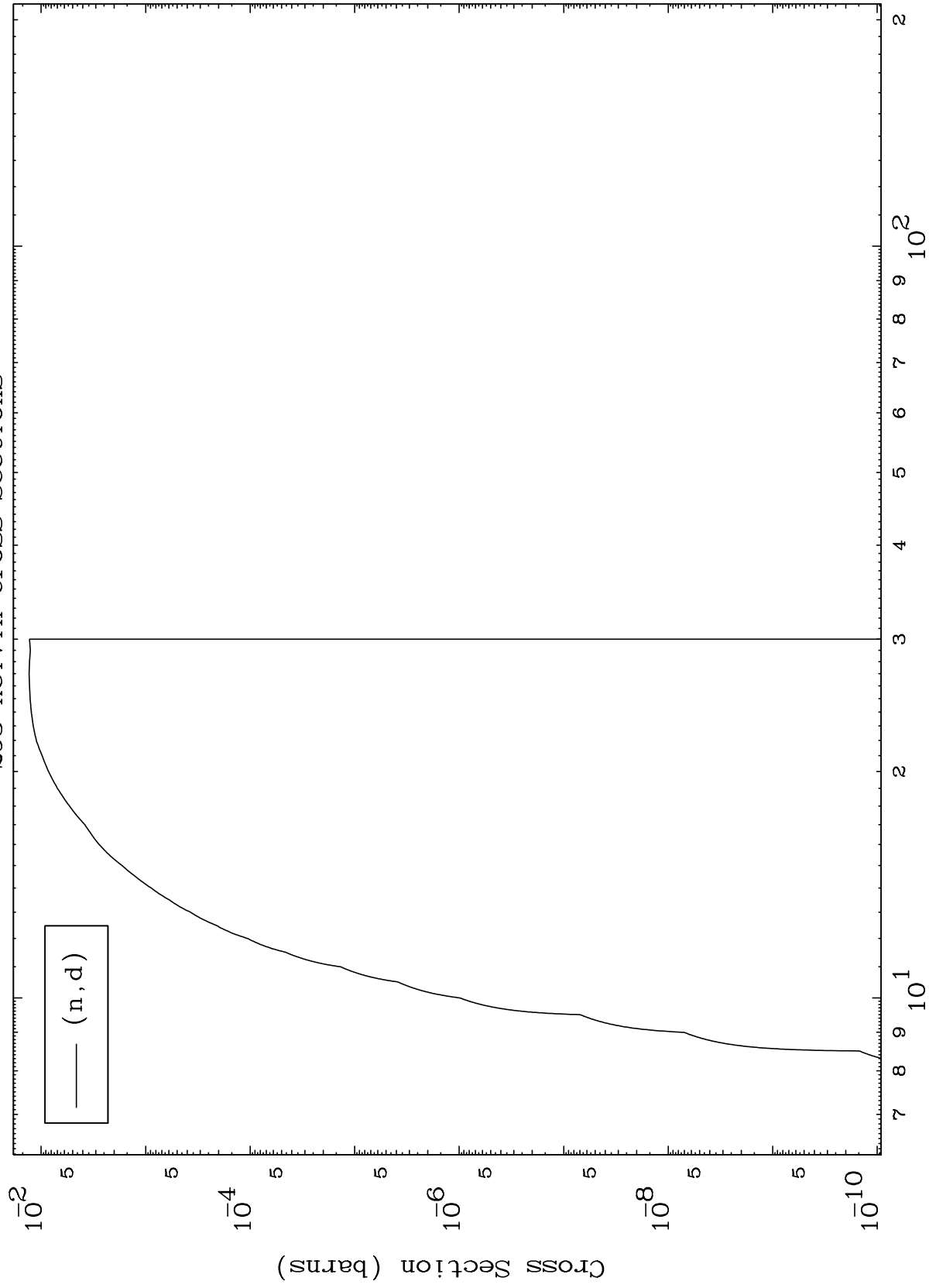
Incident Energy (MeV)

39-Y -93

MAT 3937

(n,d) Levels
293 Kelvin Cross Sections

39-Y -93



11

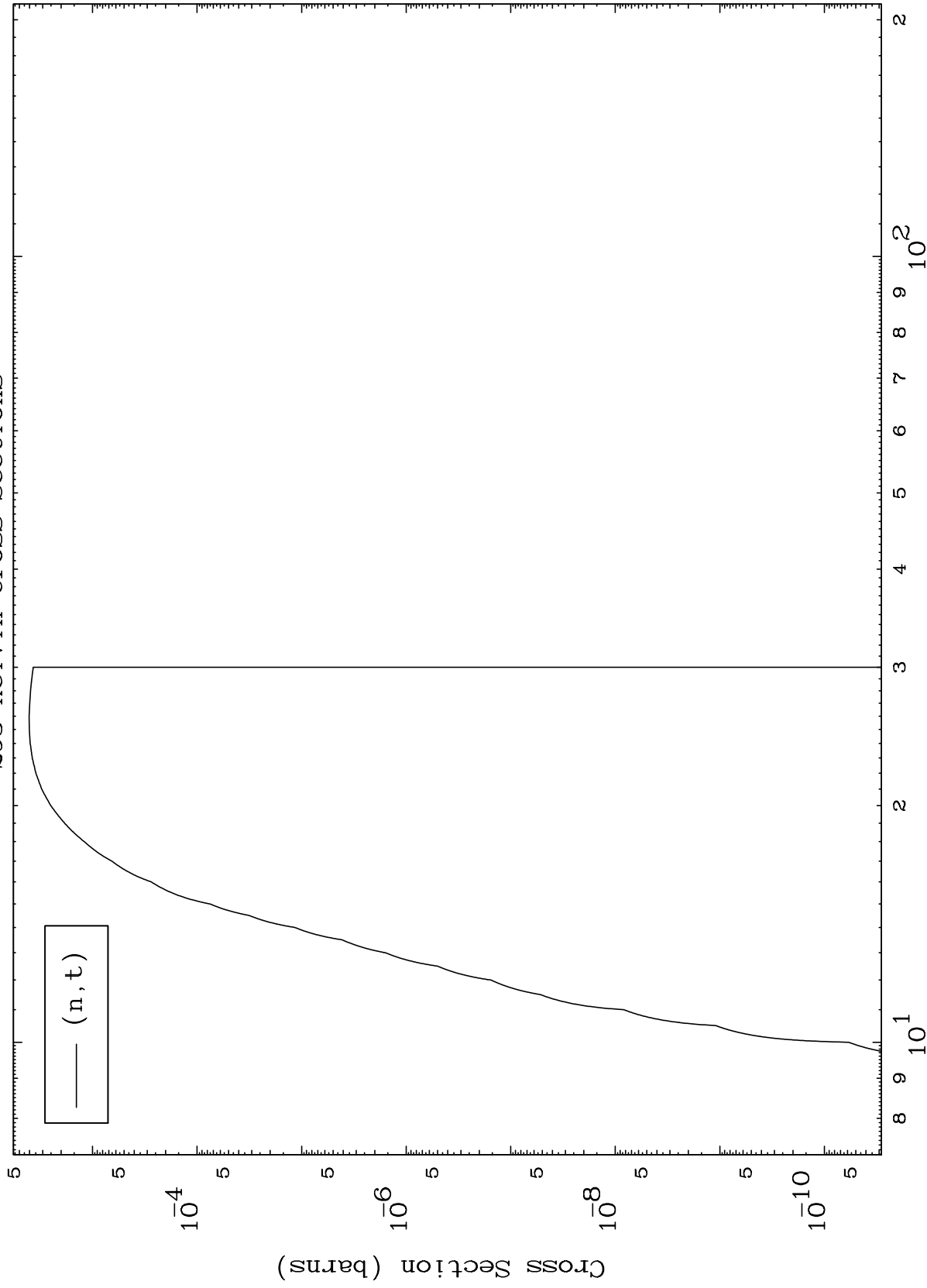
Incident Energy (MeV)

39-Y -93

MAT 3937

(n,t) Levels
293 Kelvin Cross Sections

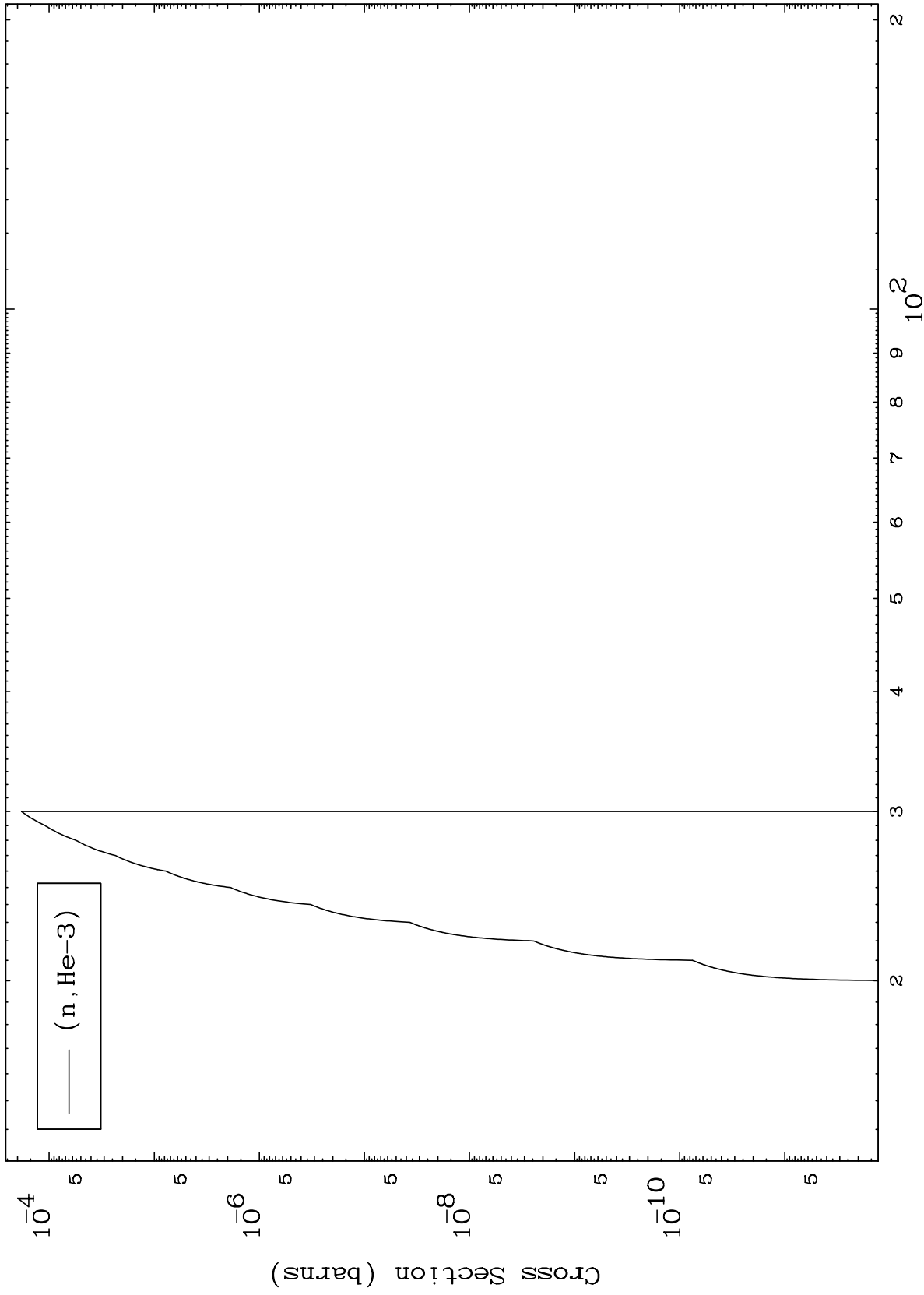
39-Y -93



12

Incident Energy (MeV)

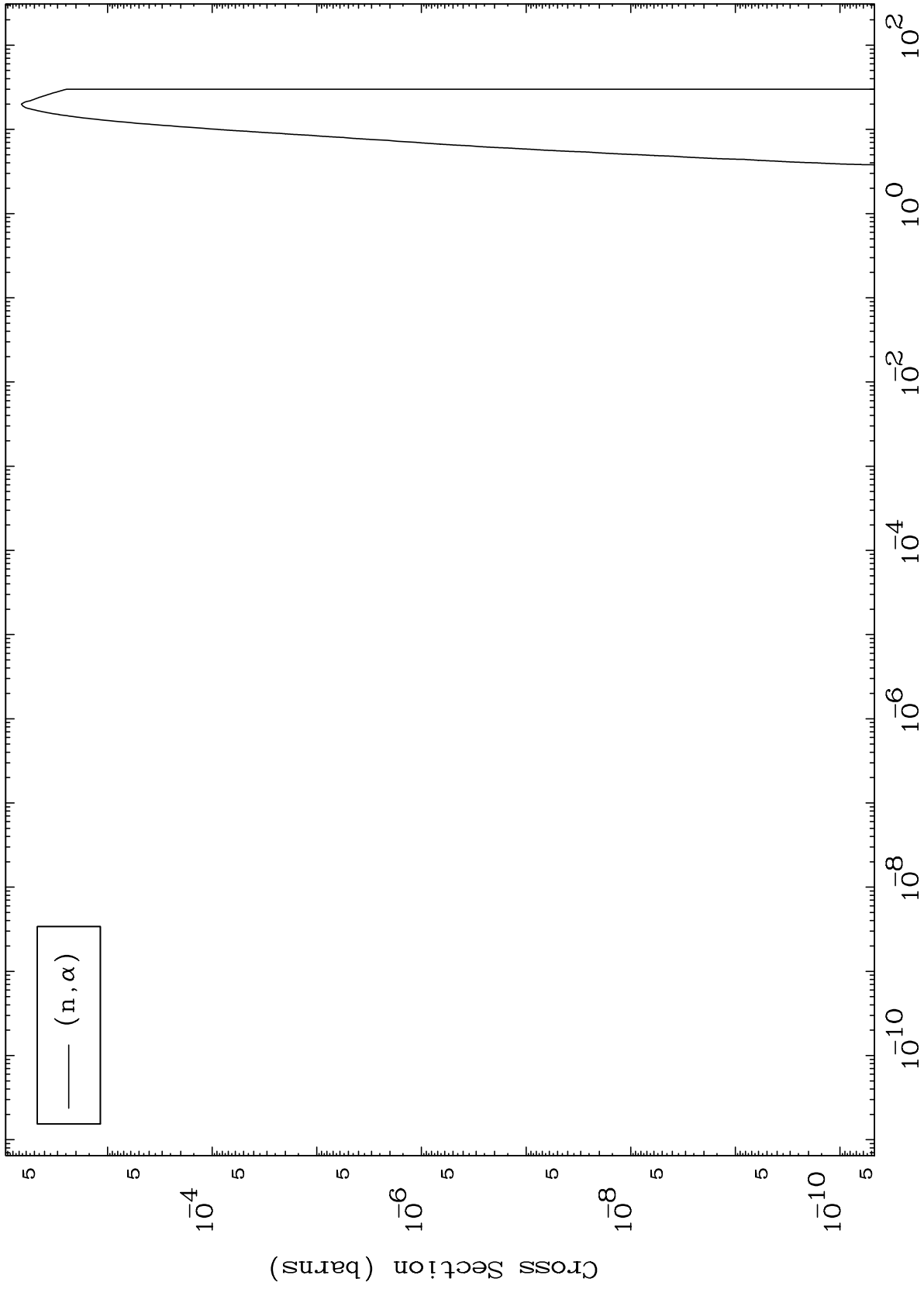
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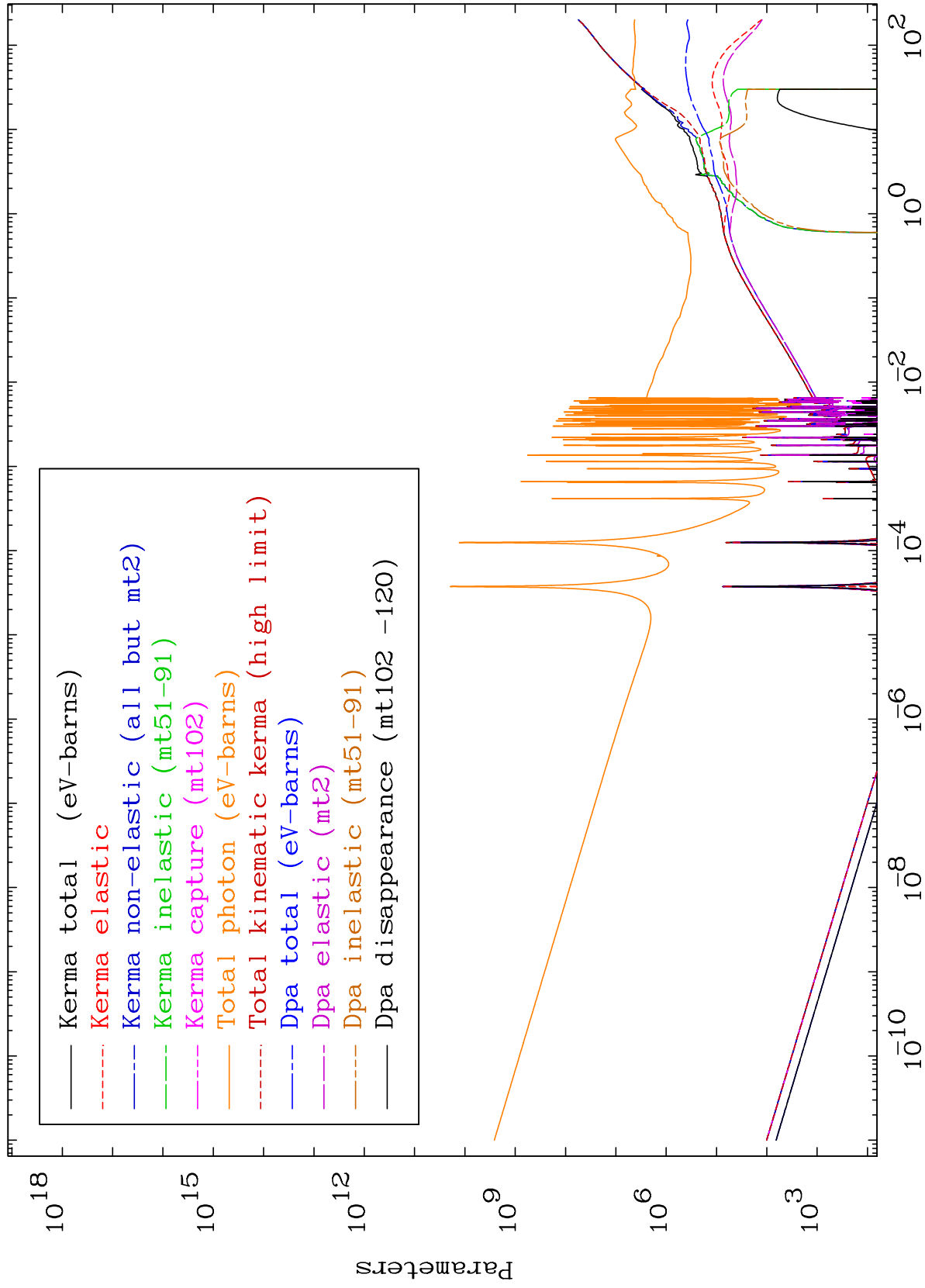


MAT 3937

(n,α) Levels
293 Kelvin Cross Sections

39-Y -93

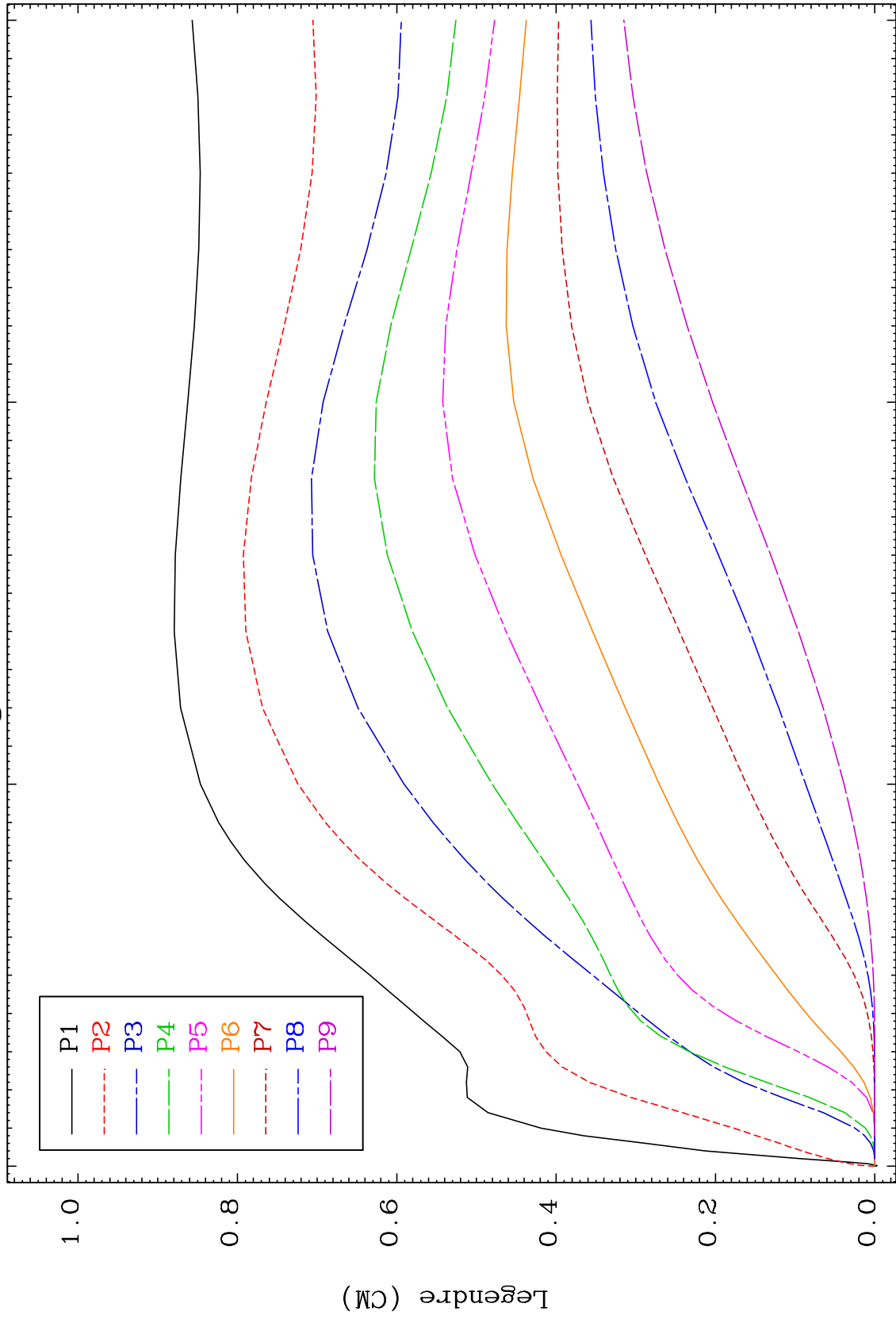




MAT 3937

Elastic Legendre Coefficients

39-Y -93



16

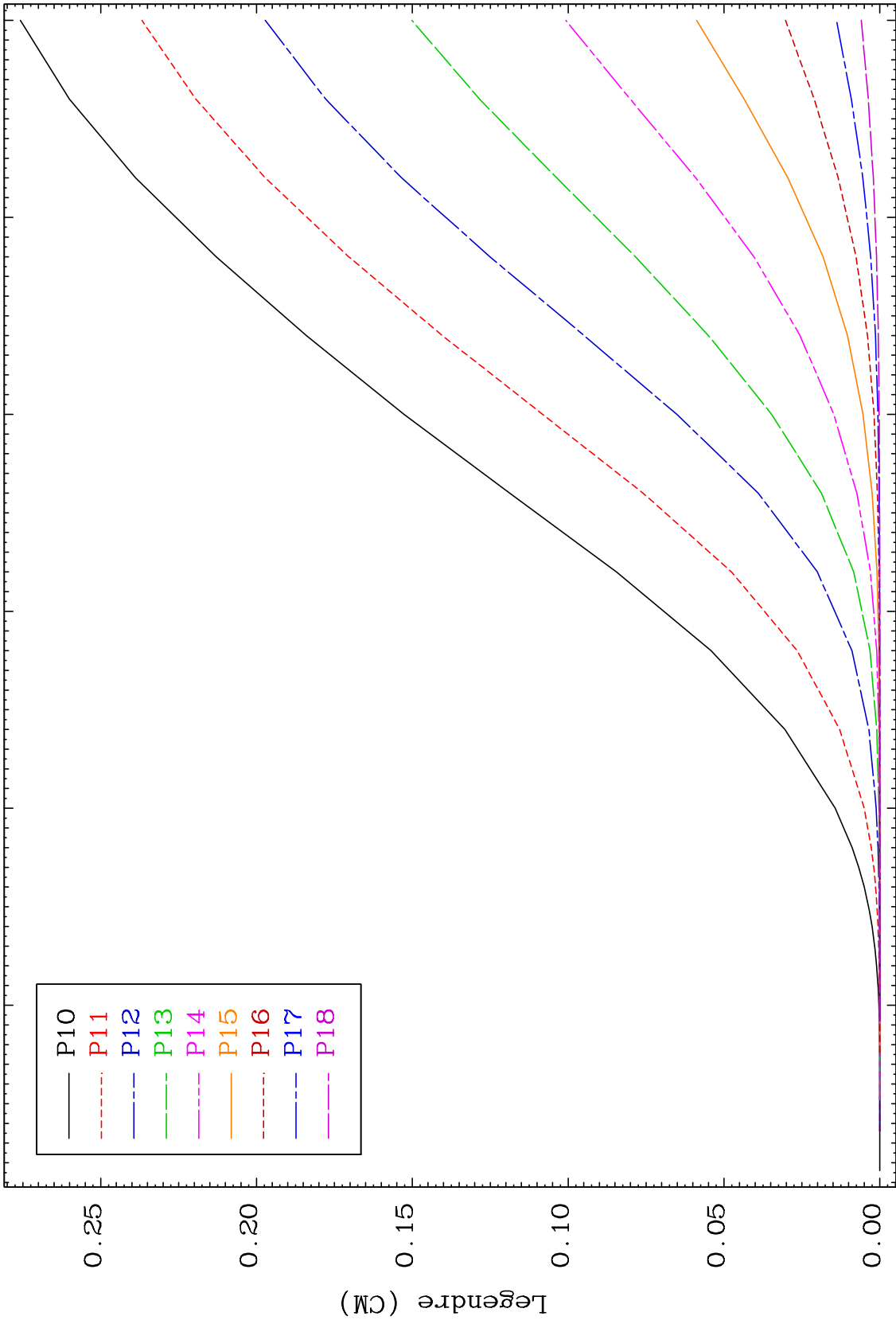
Incident Energy (MeV)

39-Y -93

MAT 3937

Elastic Legendre Coefficients

39-Y -93



17

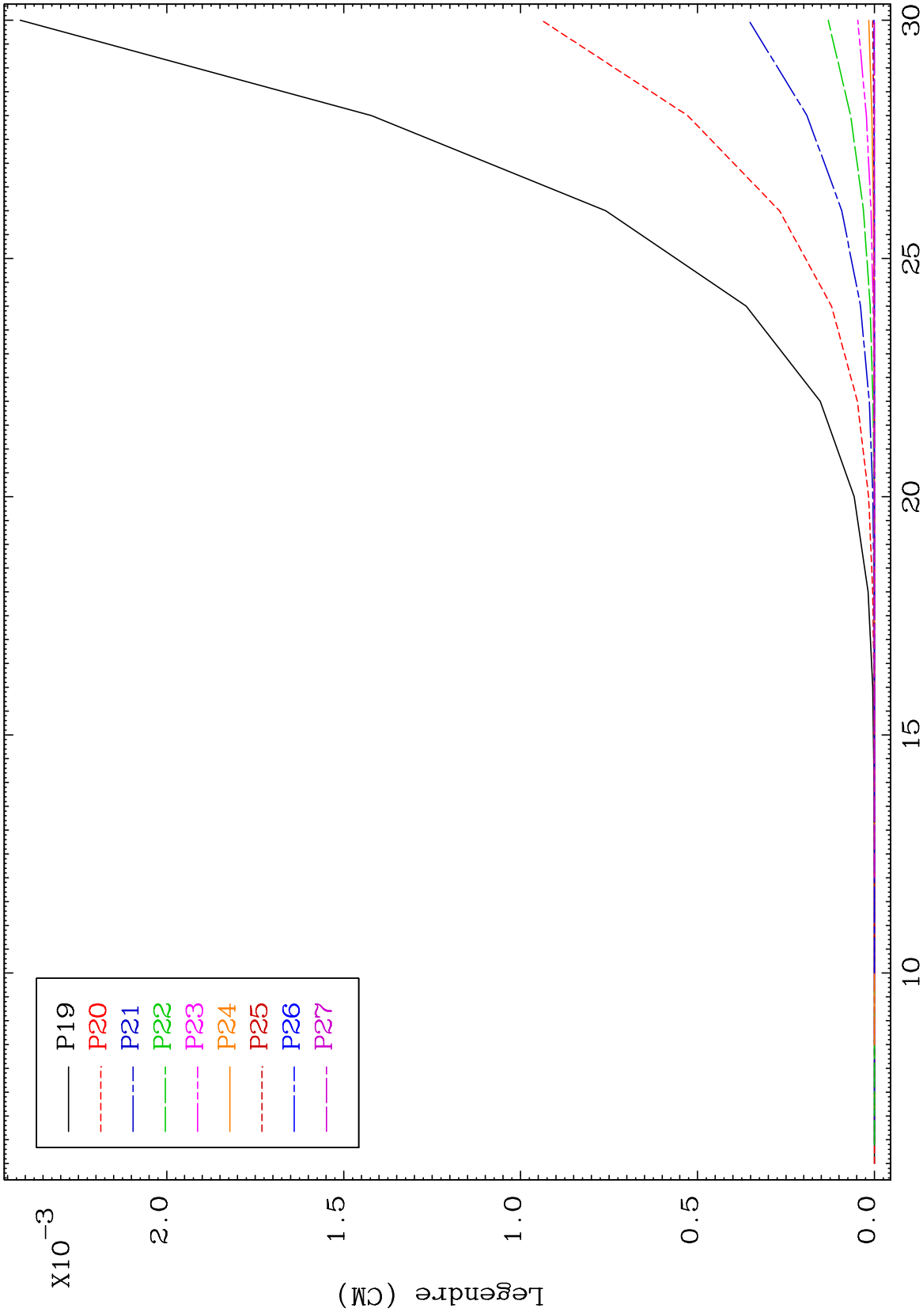
Incident Energy (MeV)

39-Y -93

MAT 3937

Elastic Legendre Coefficients

39-Y -93



18

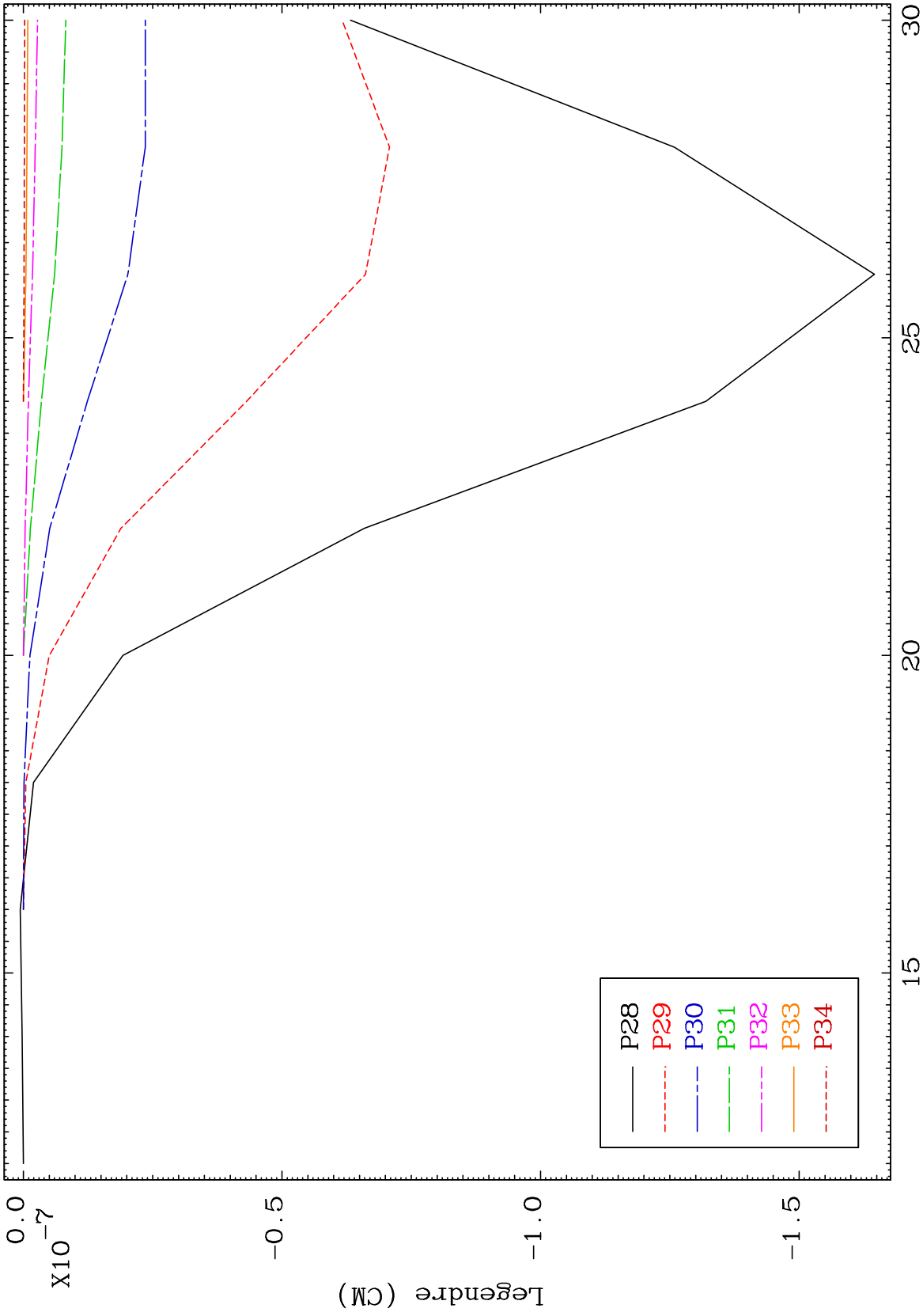
Incident Energy (MeV)

39-Y -93

MAT 3937

Elastic Legendre Coefficients

39-Y -93



19

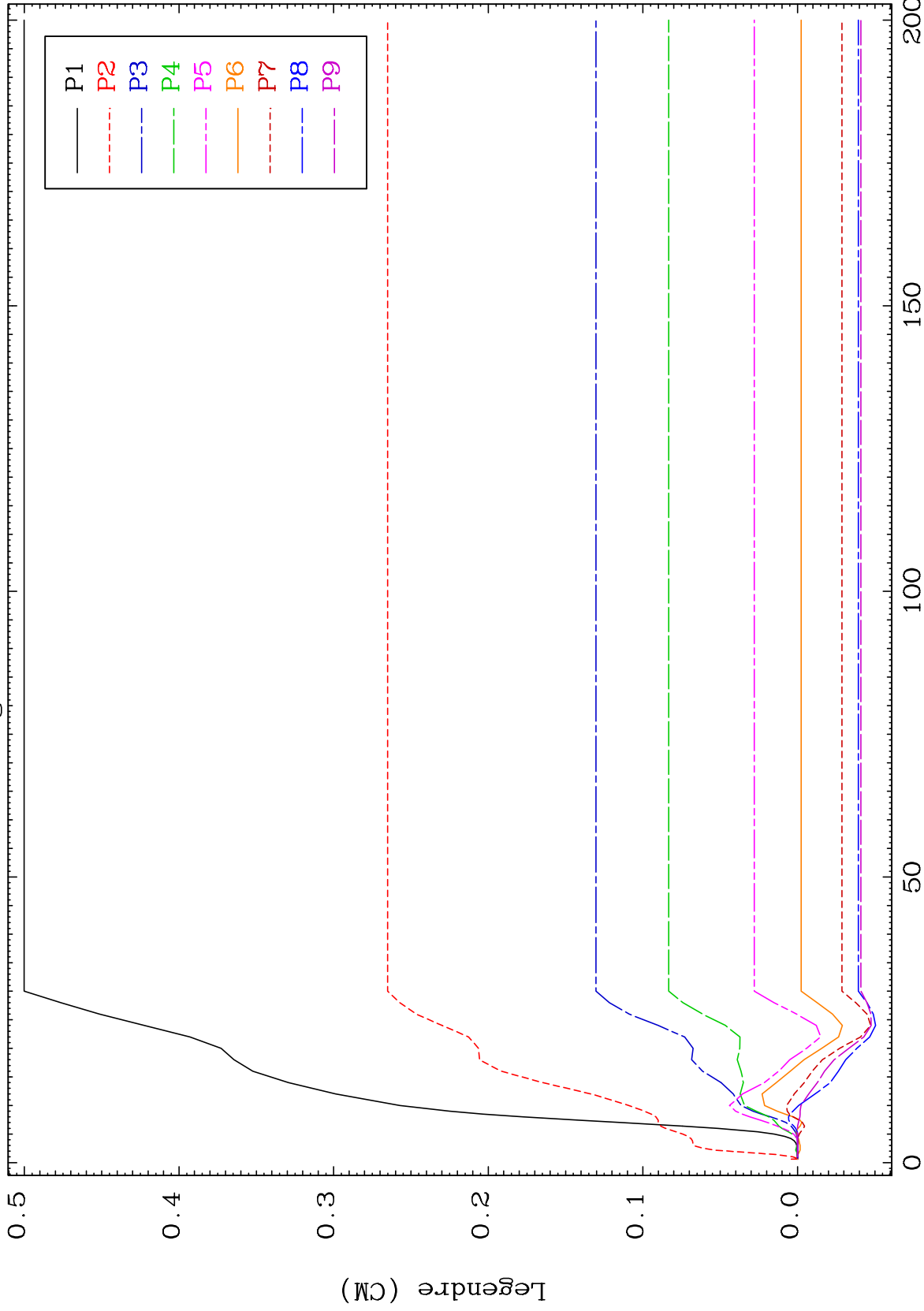
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



0

50

100

150

200

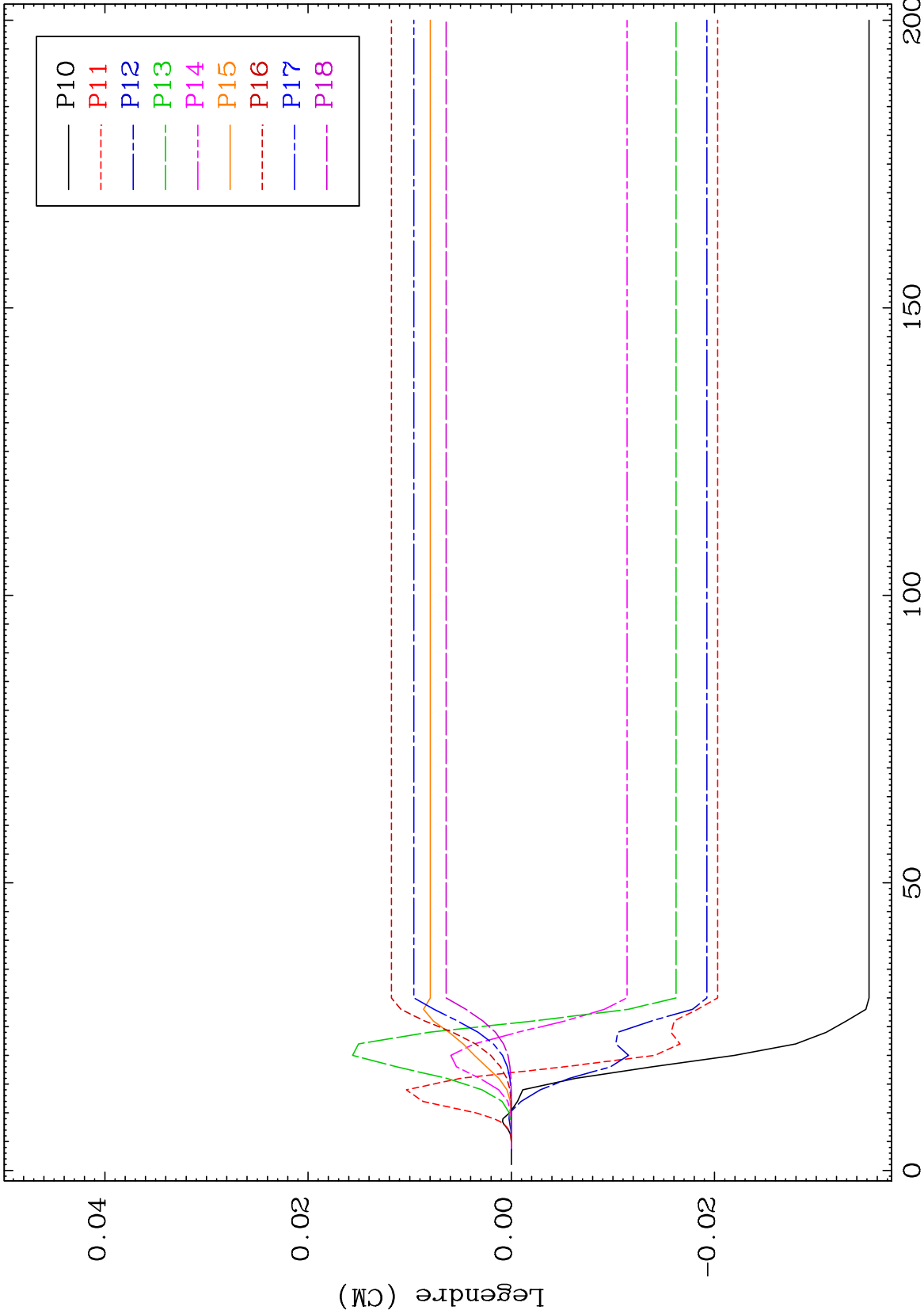
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



21

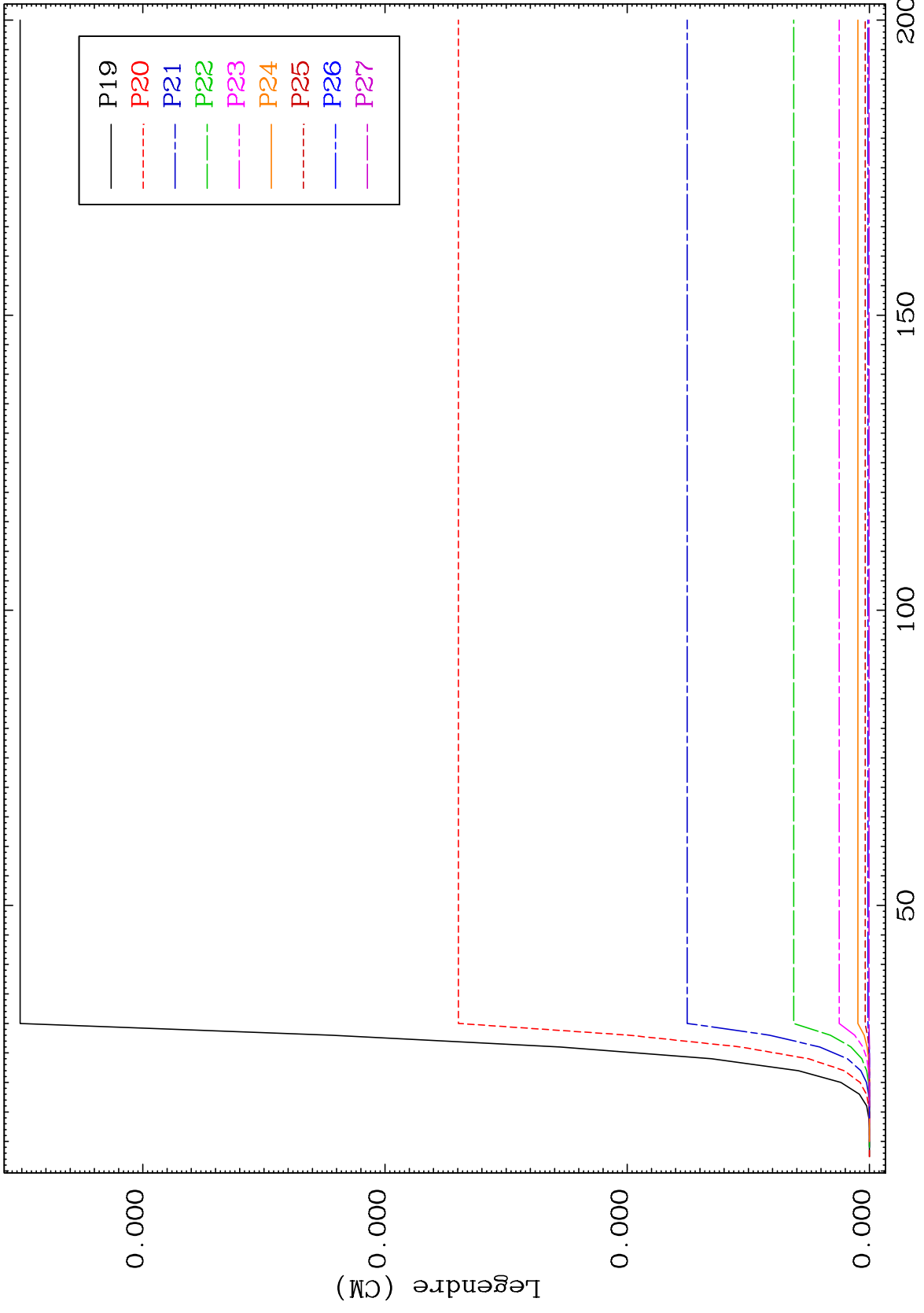
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



22

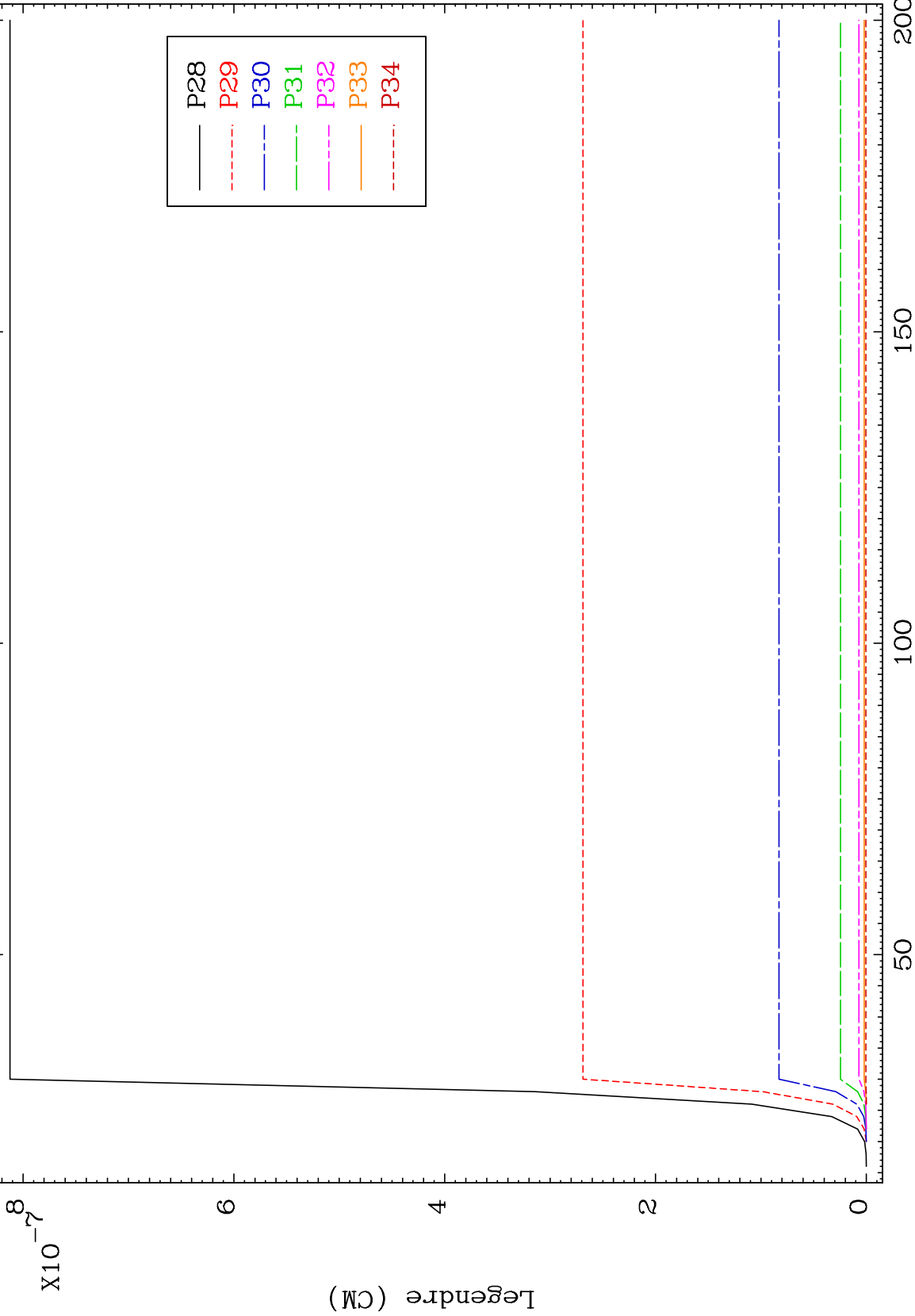
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



23

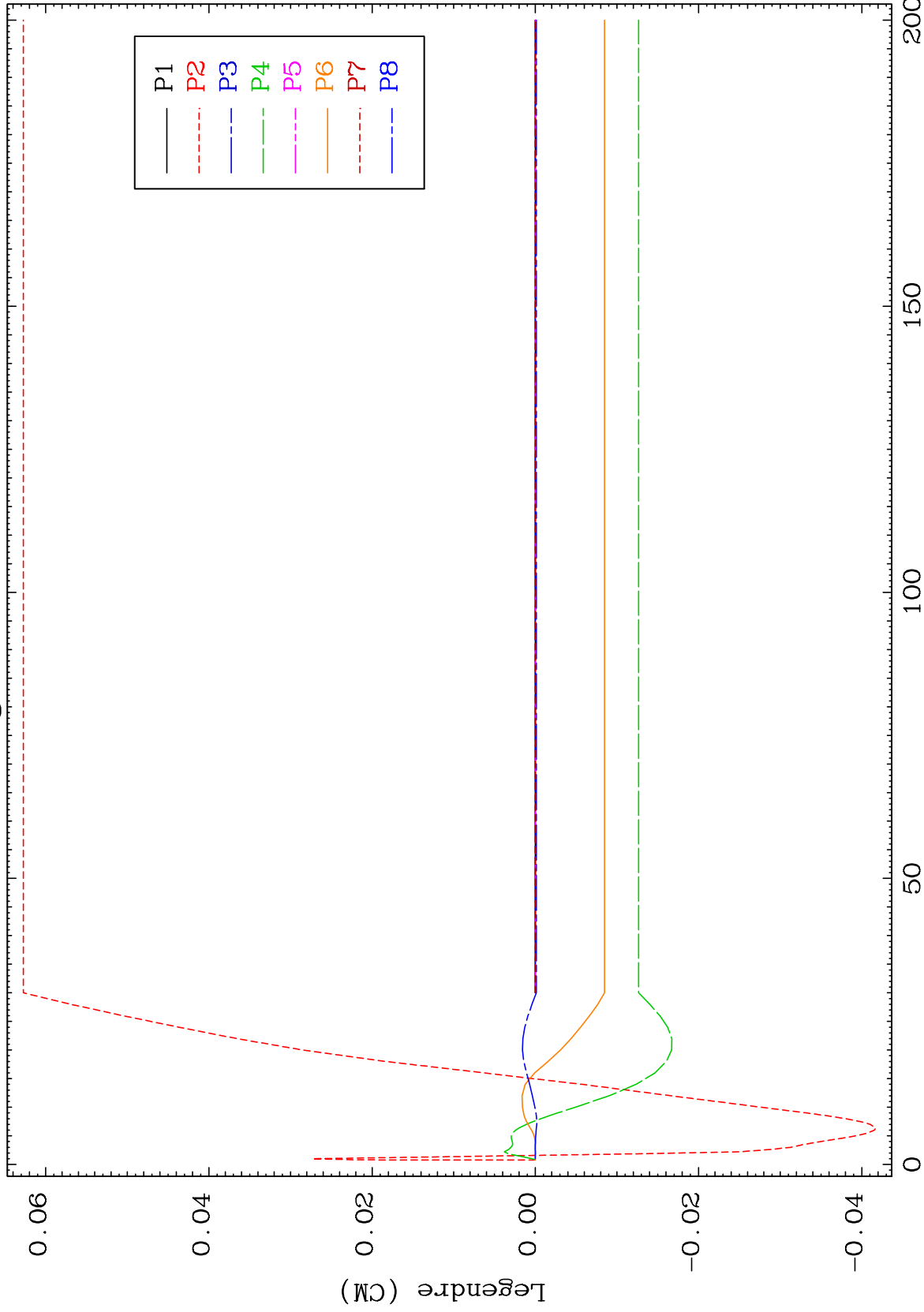
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



24

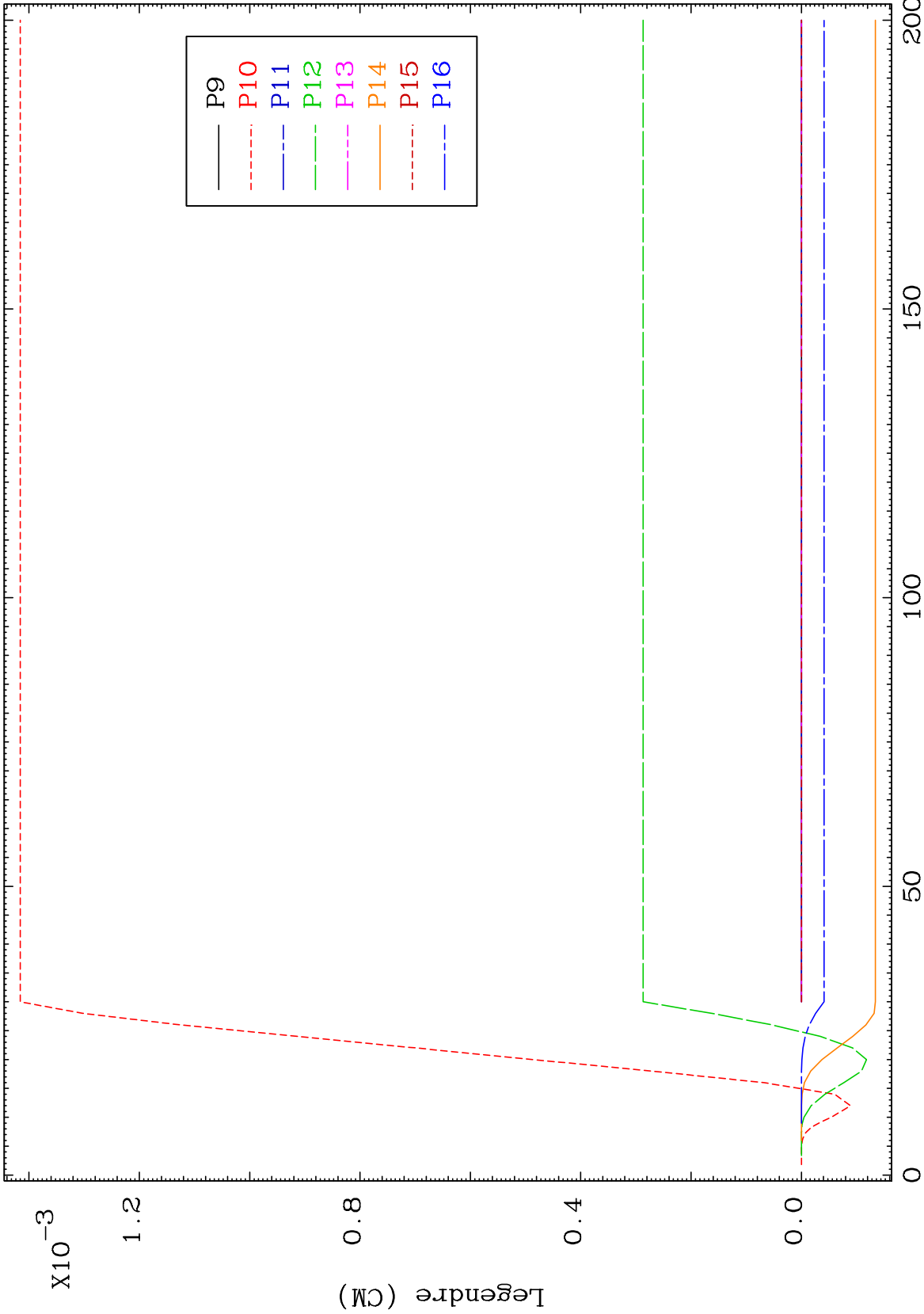
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



25

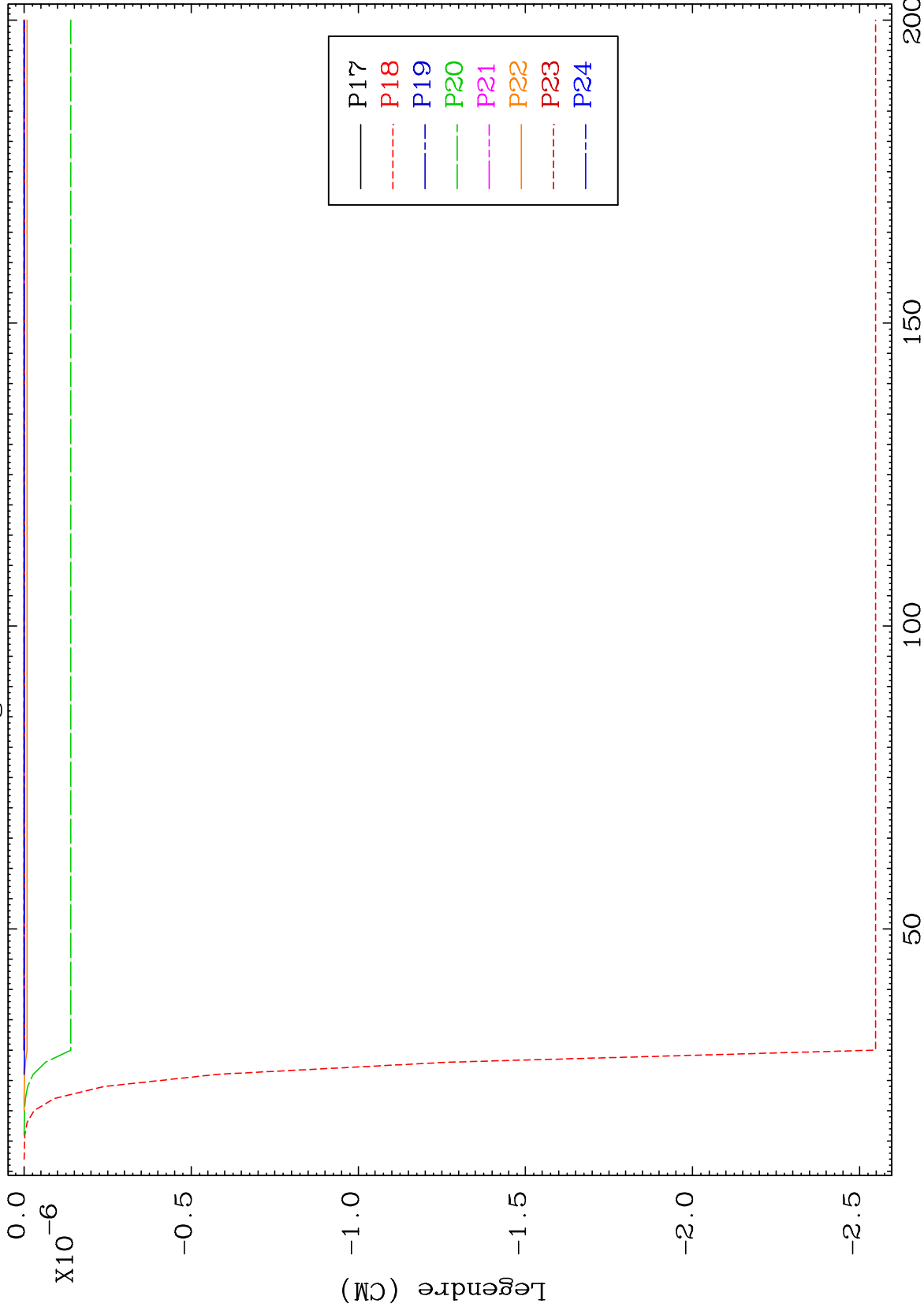
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



26

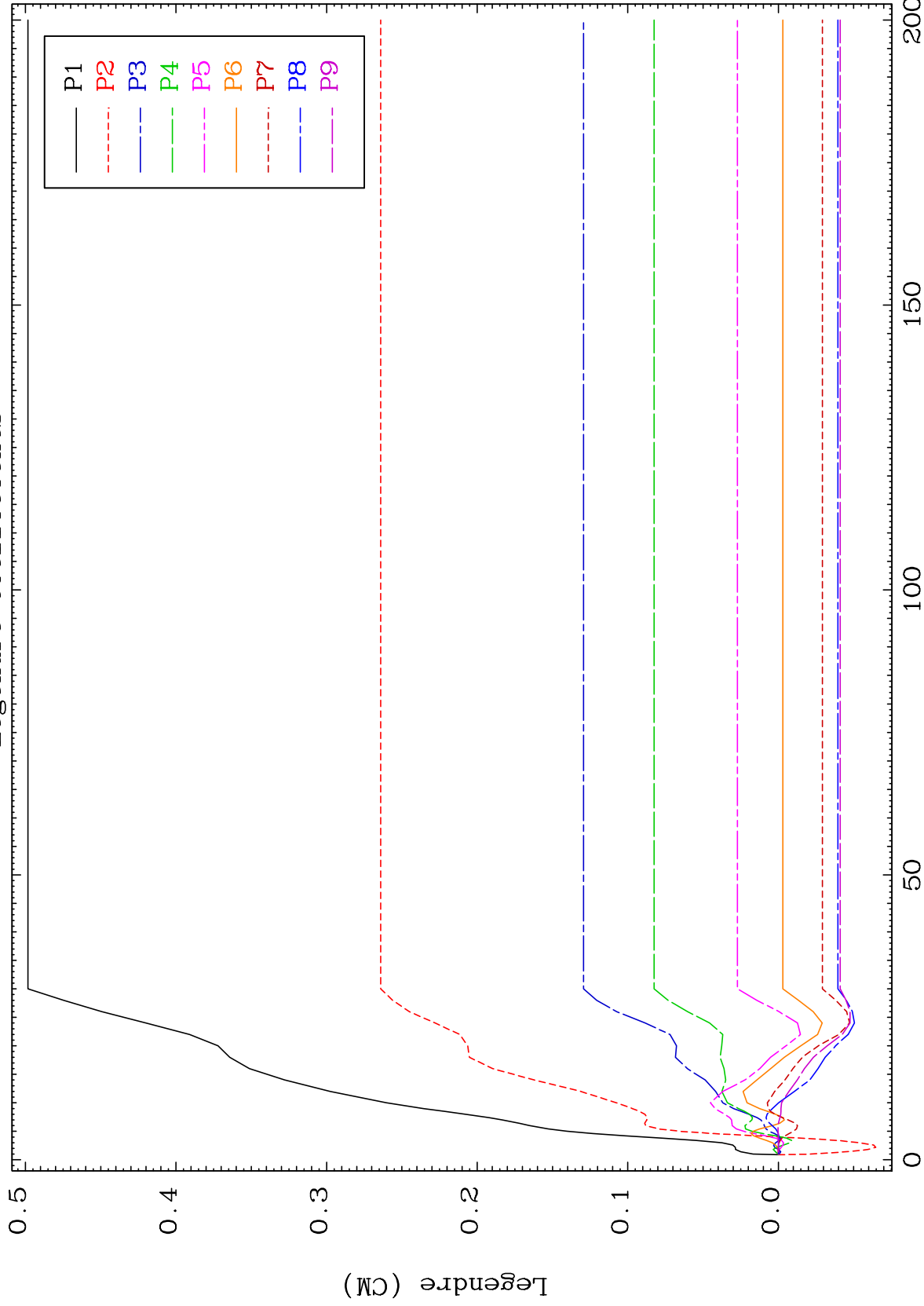
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



27

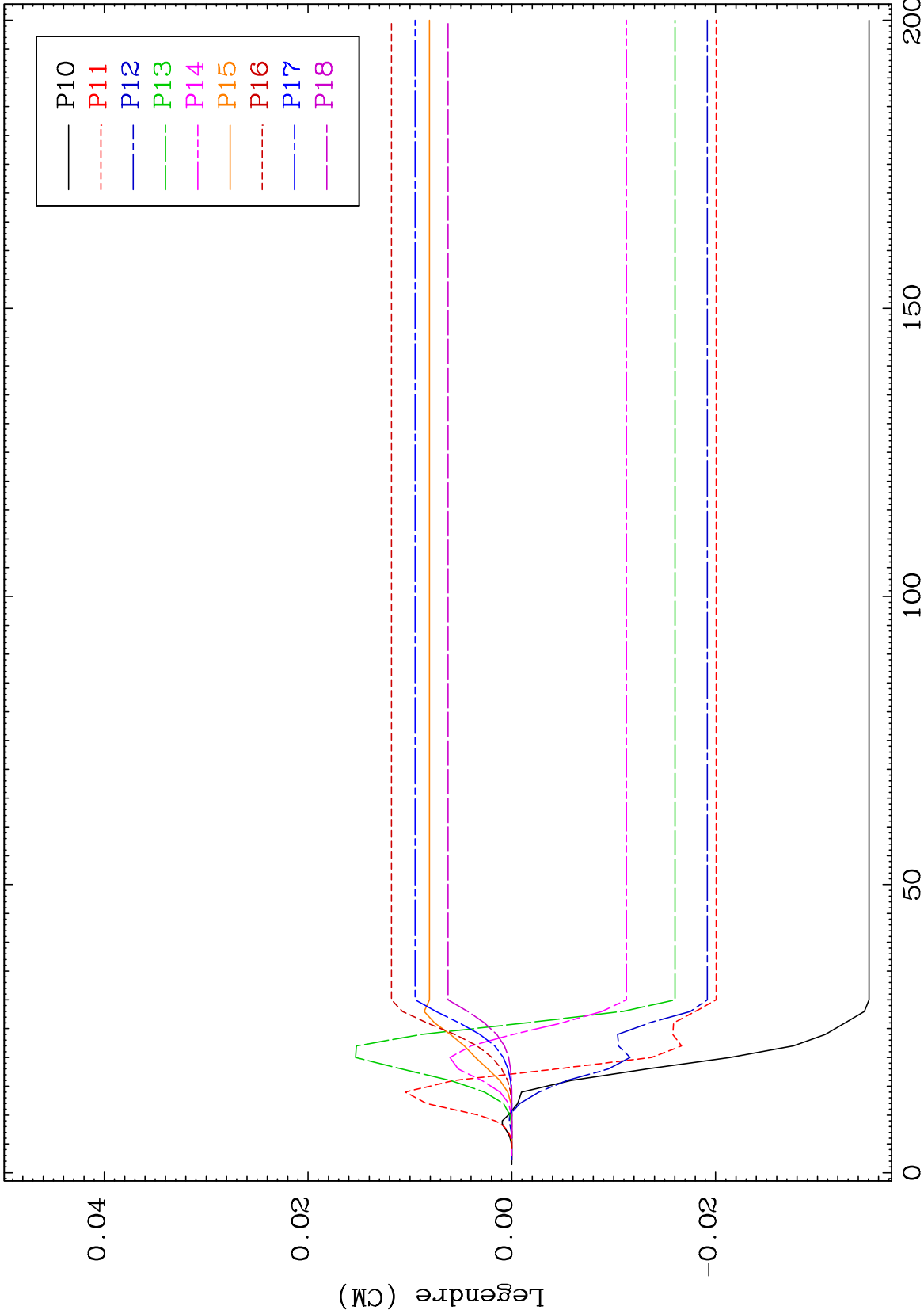
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



28

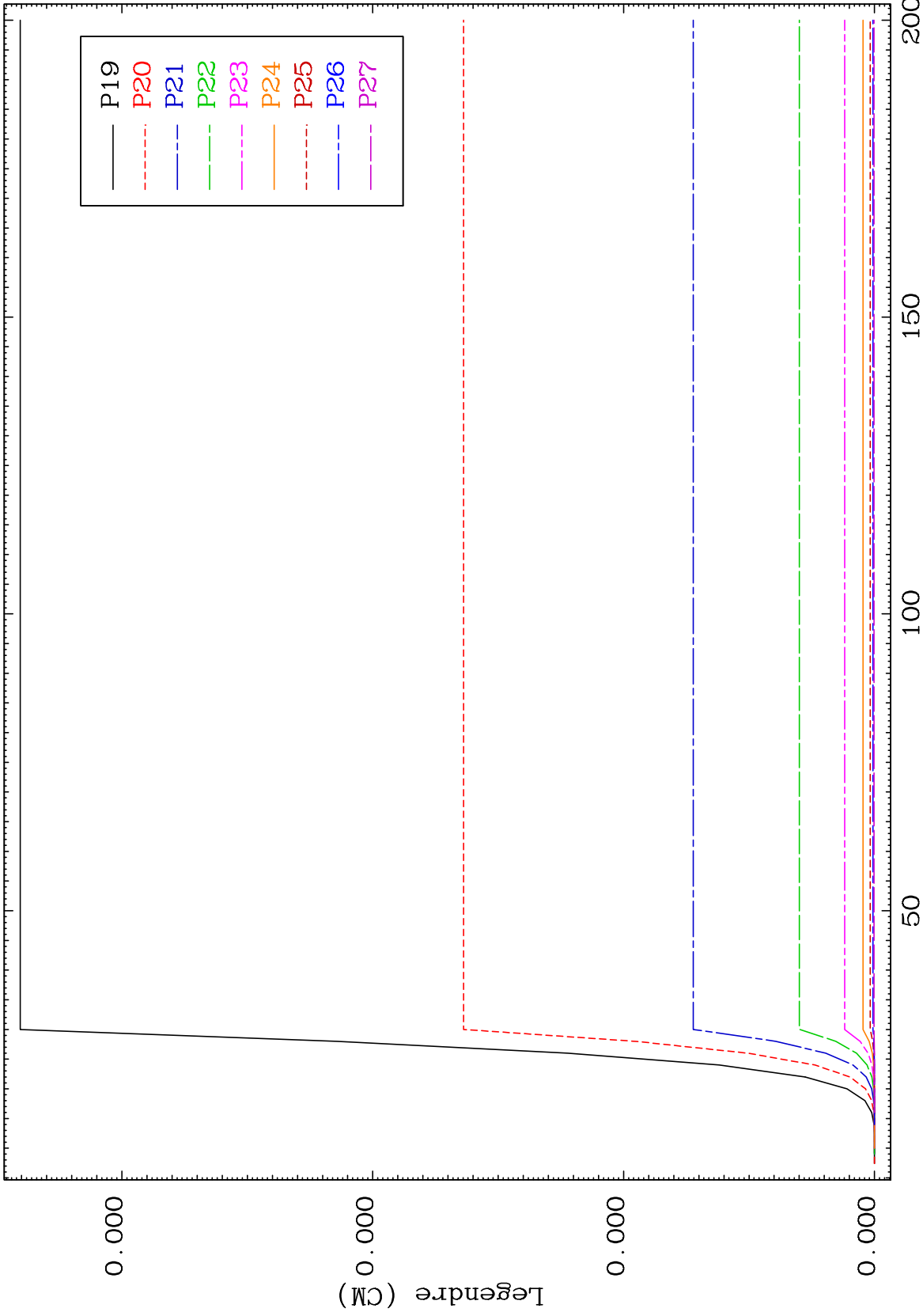
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



29

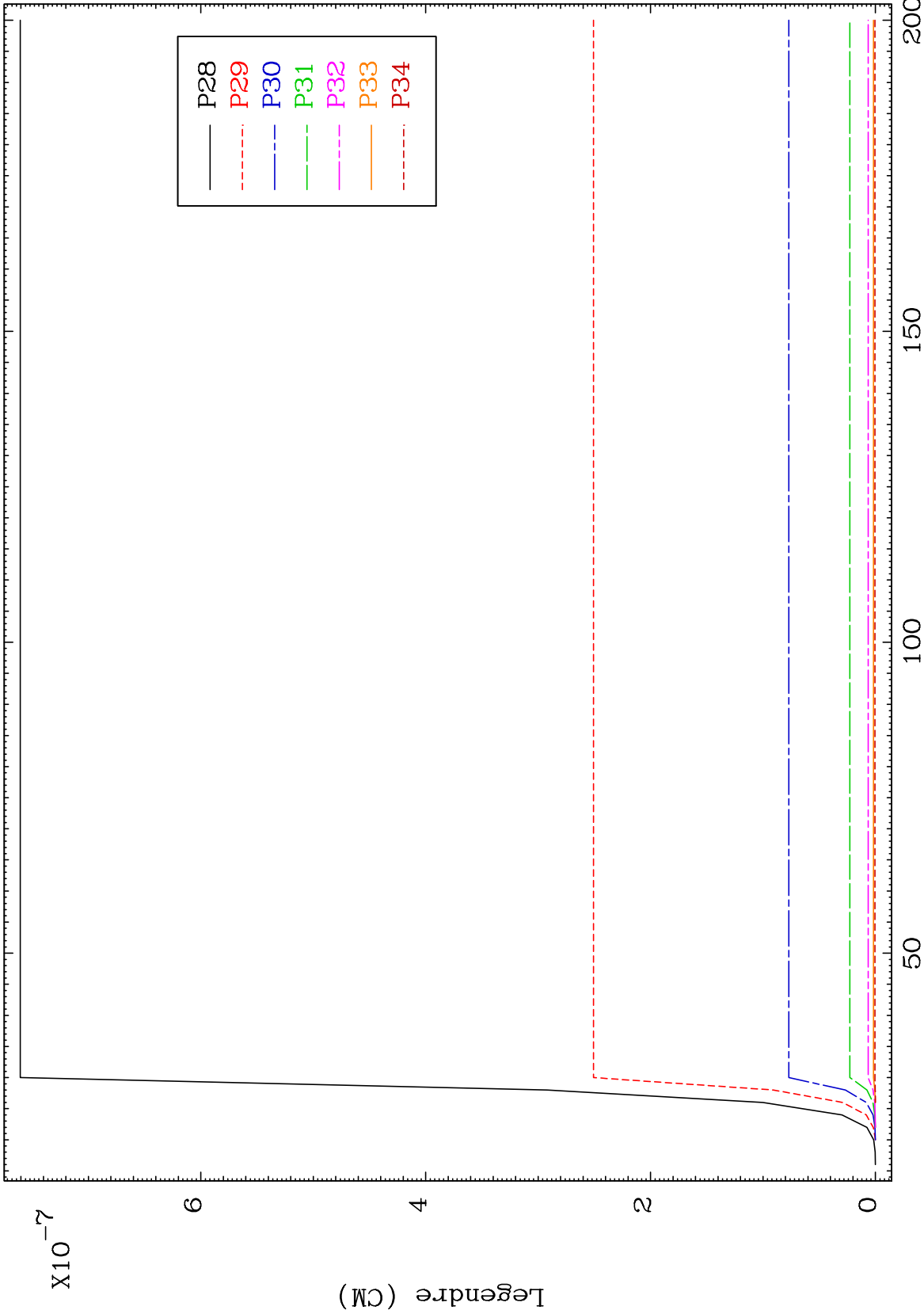
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



30

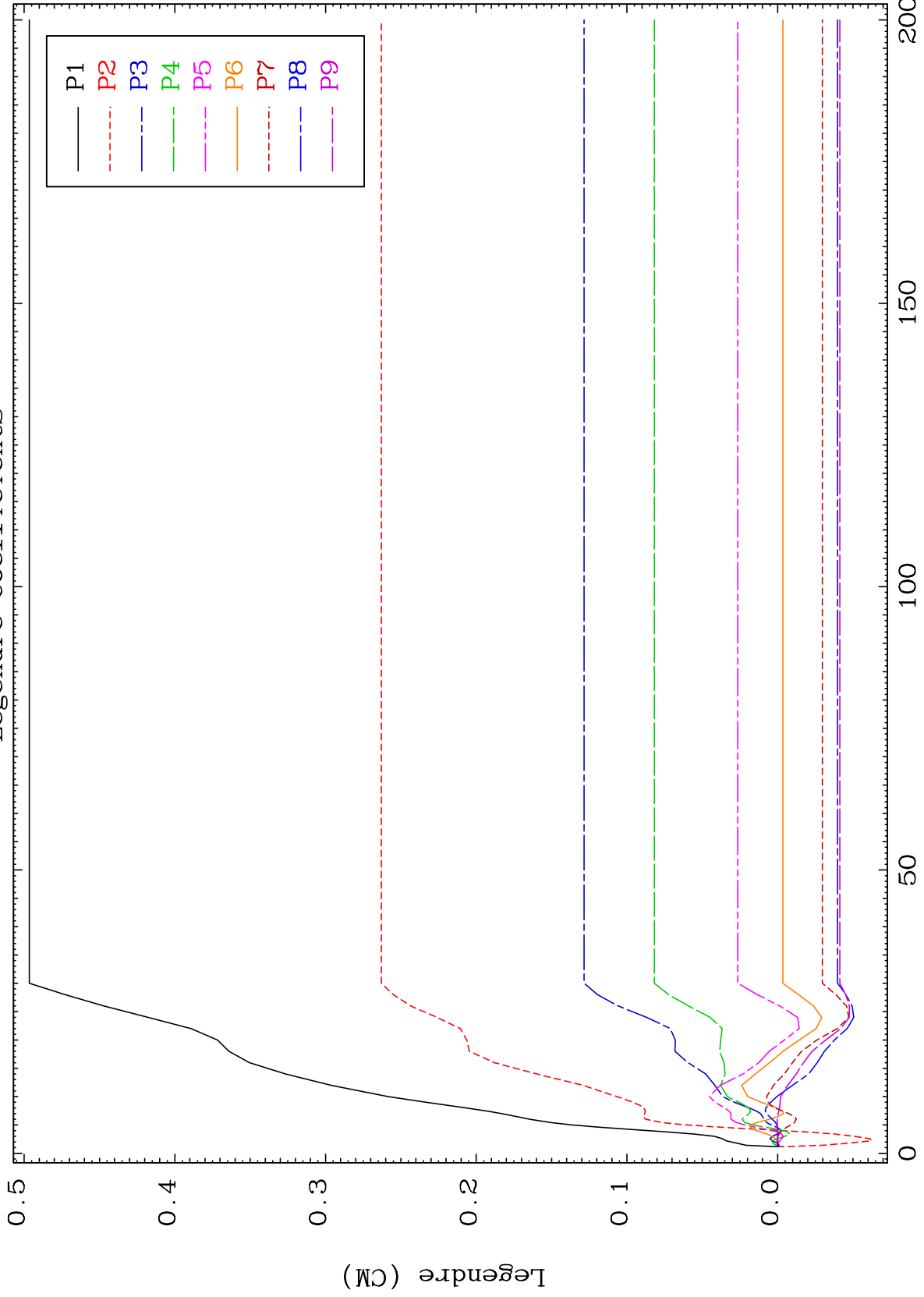
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



31

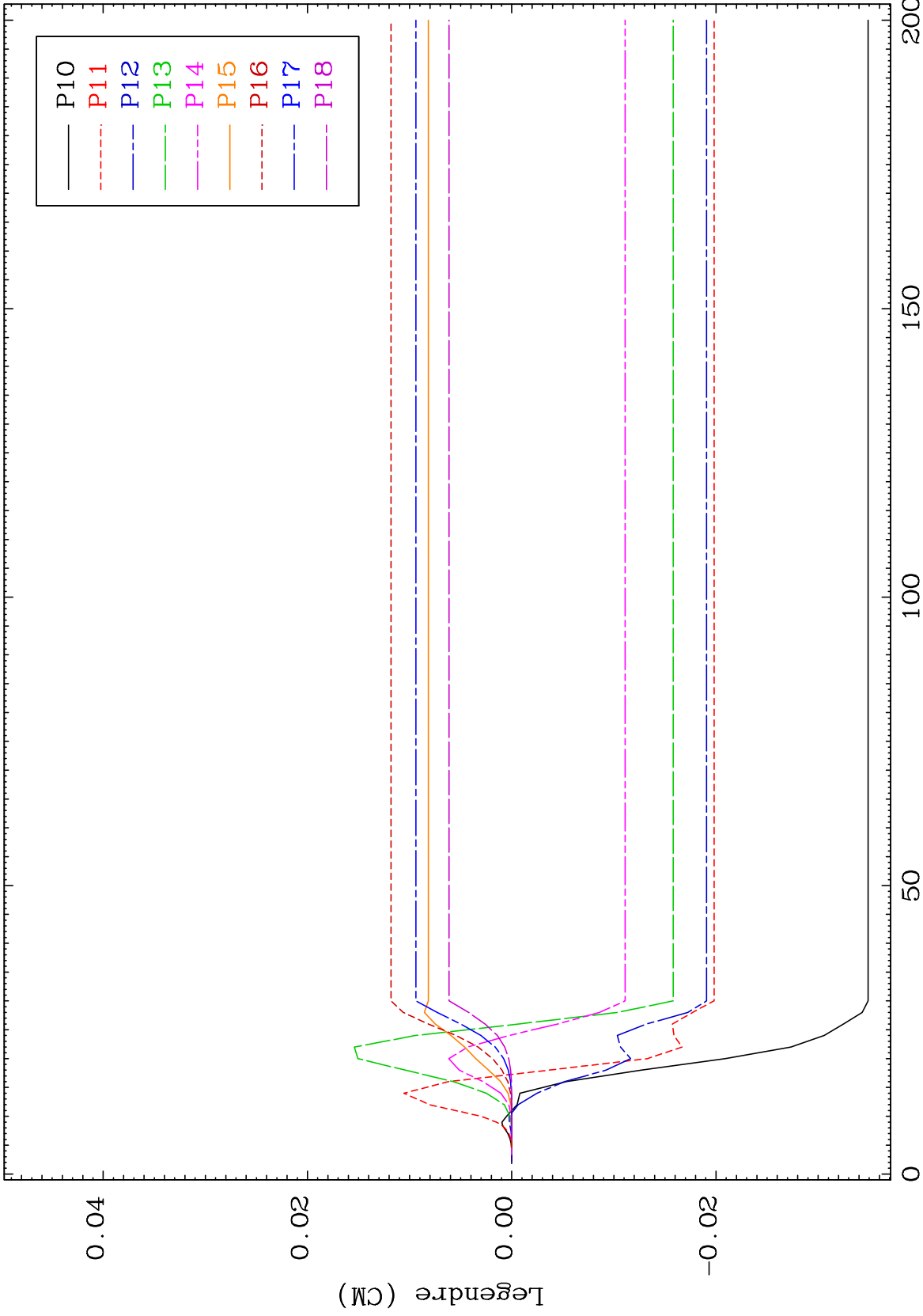
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



32

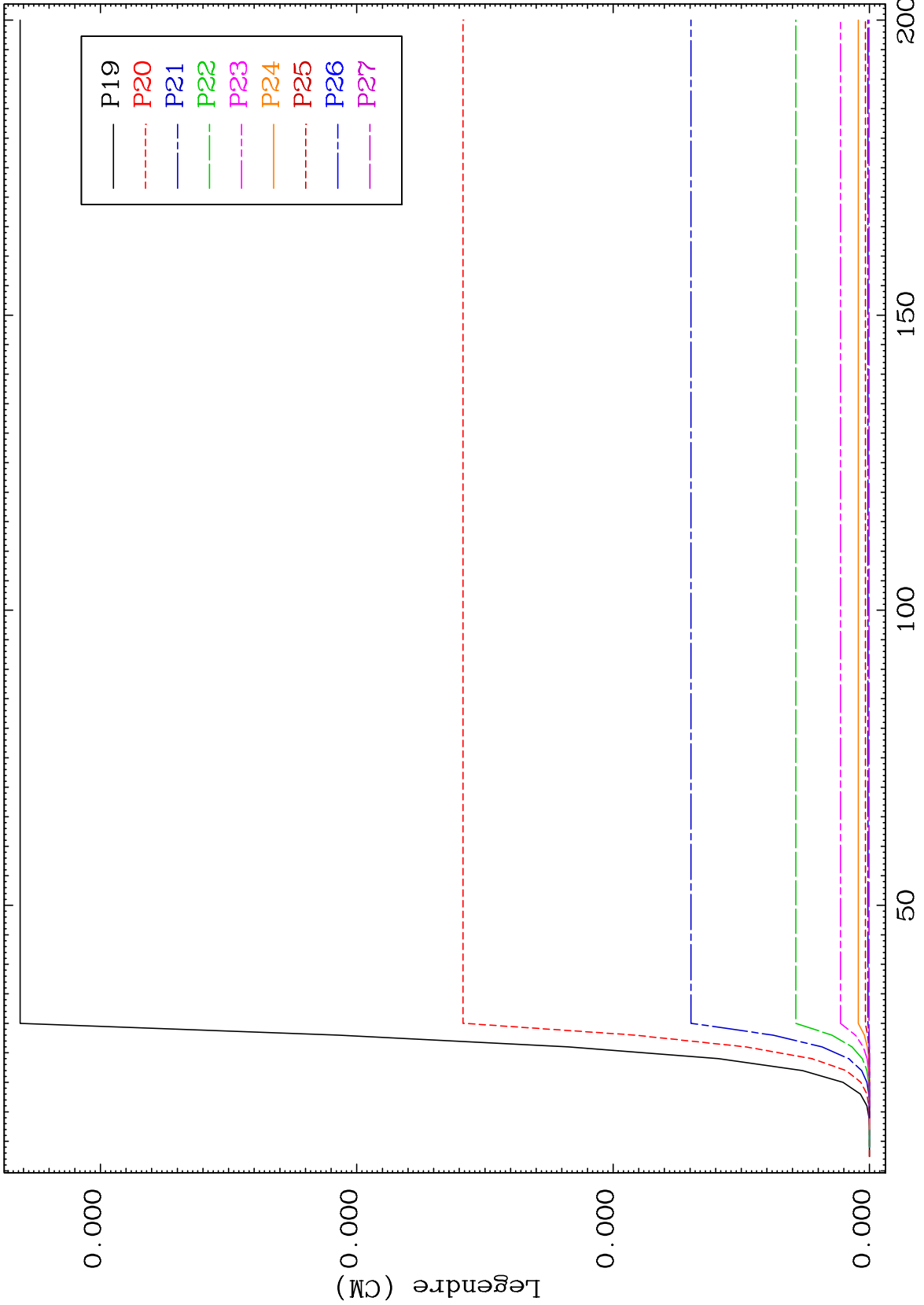
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



33

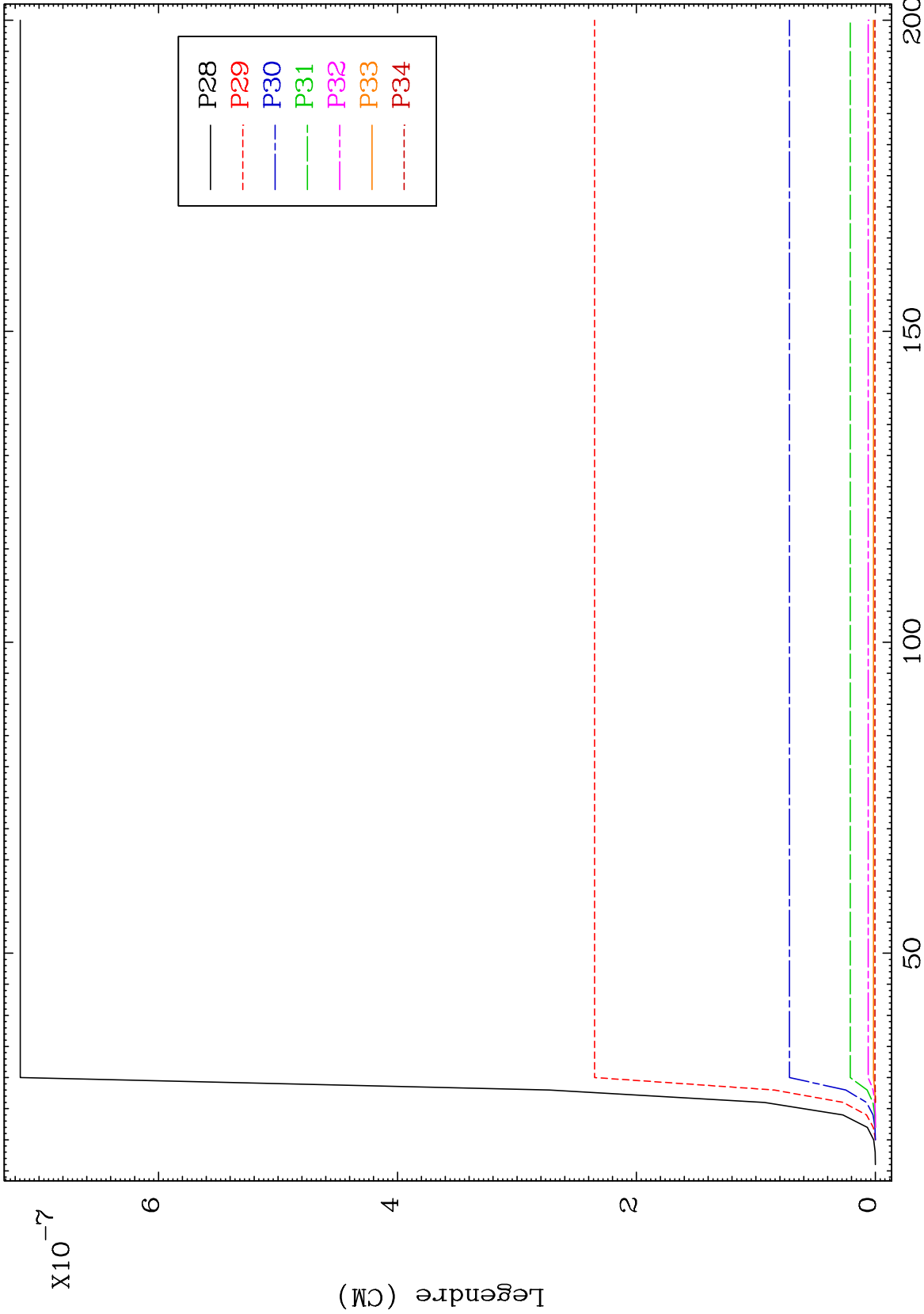
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



34

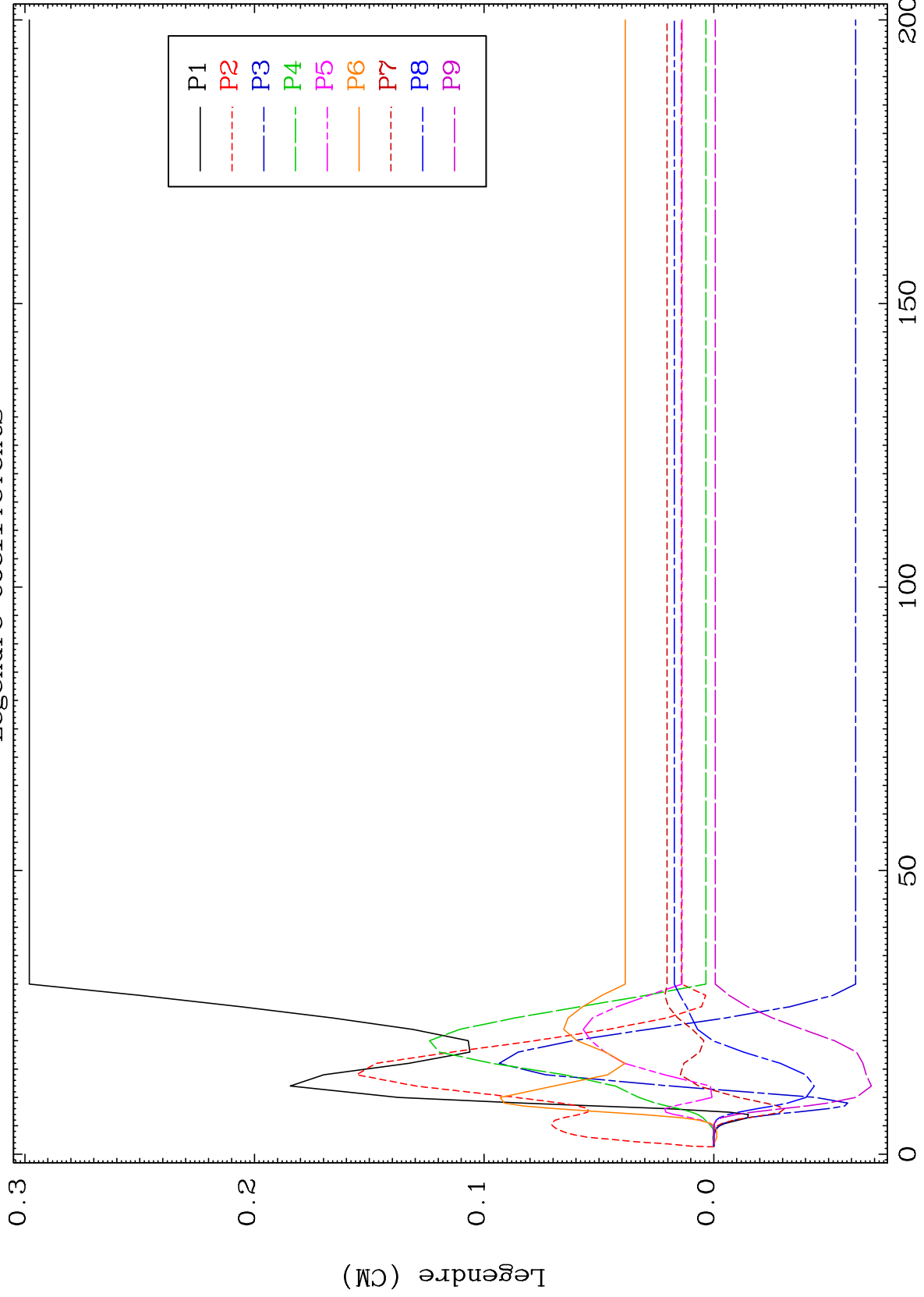
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



35

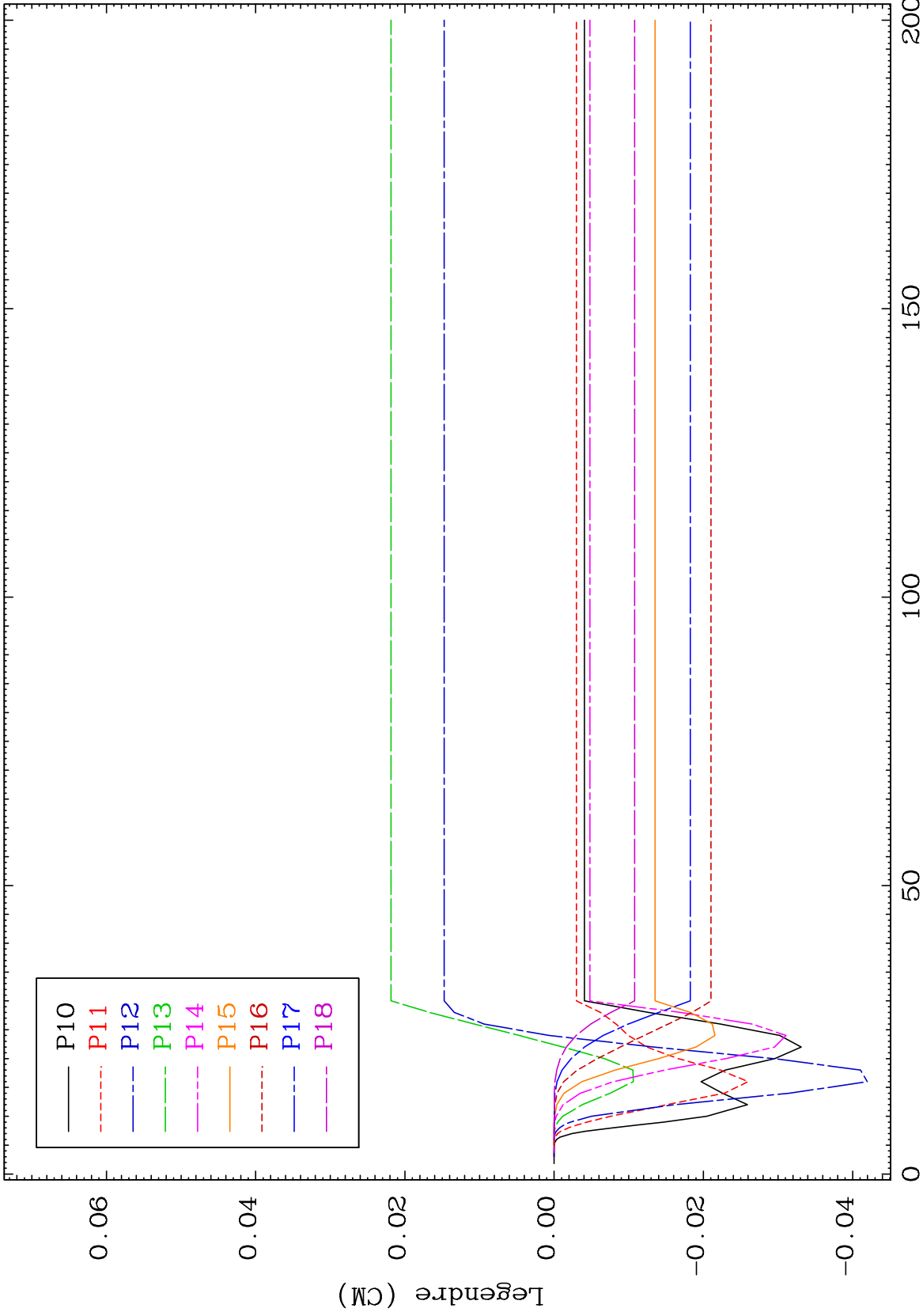
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93

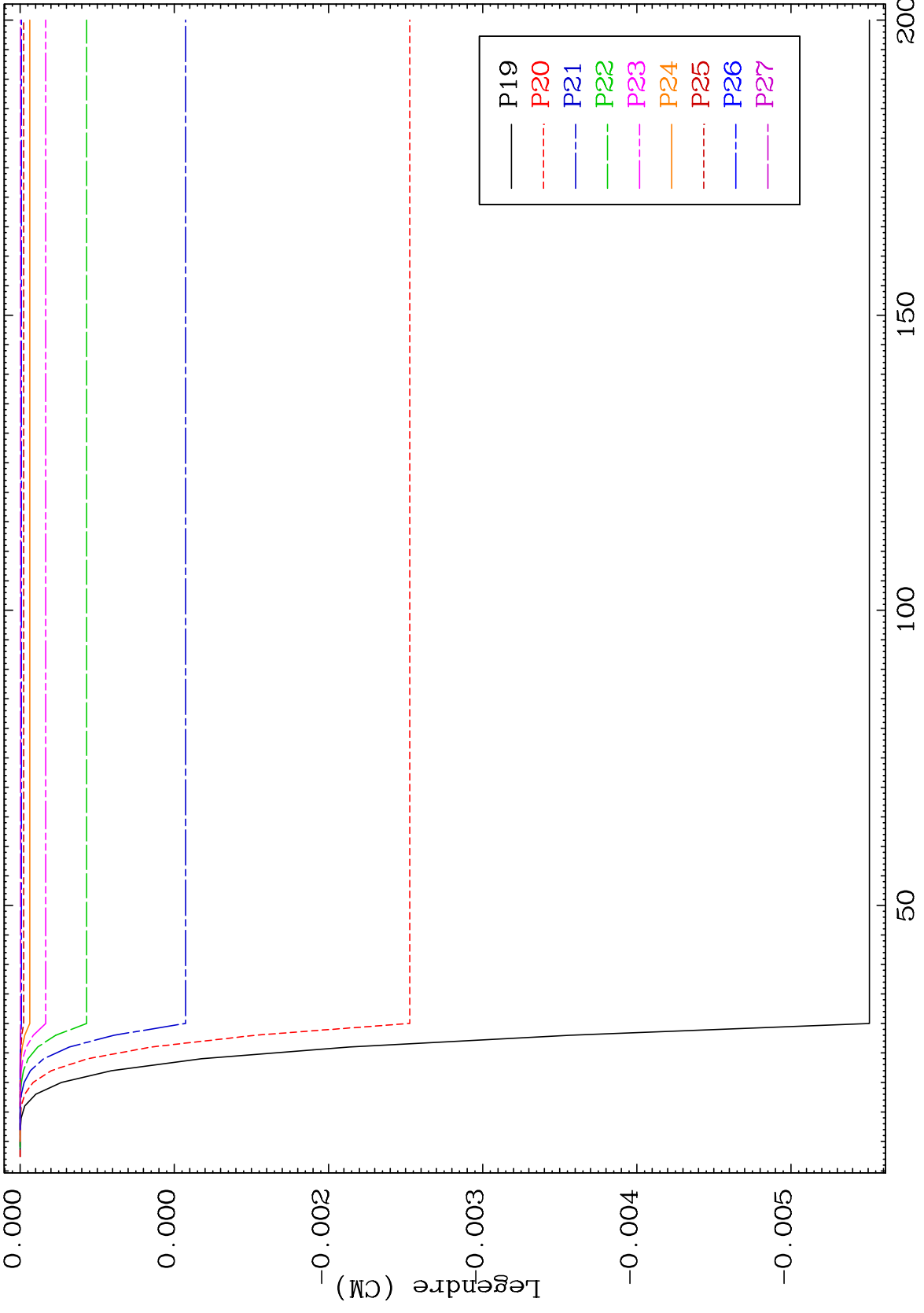


36

Incident Energy (MeV)

39-Y -93

MAT 3937 MT= 55 (n,n') Level Legendre Coefficients 39-Y -93

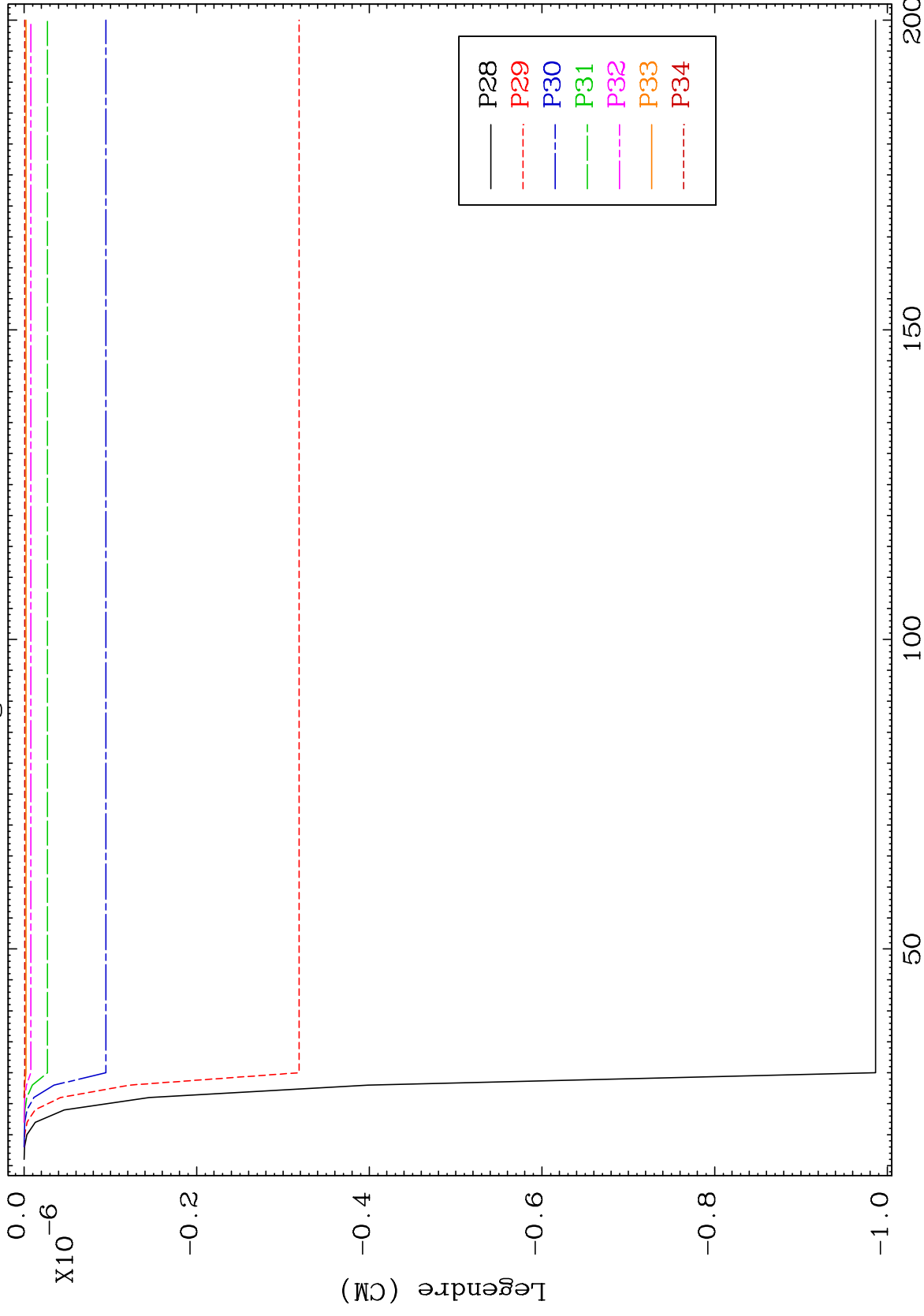


37 Incident Energy (MeV) 50 100 150 200 39-Y -93

MAT 3937

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

39-Y -93



38

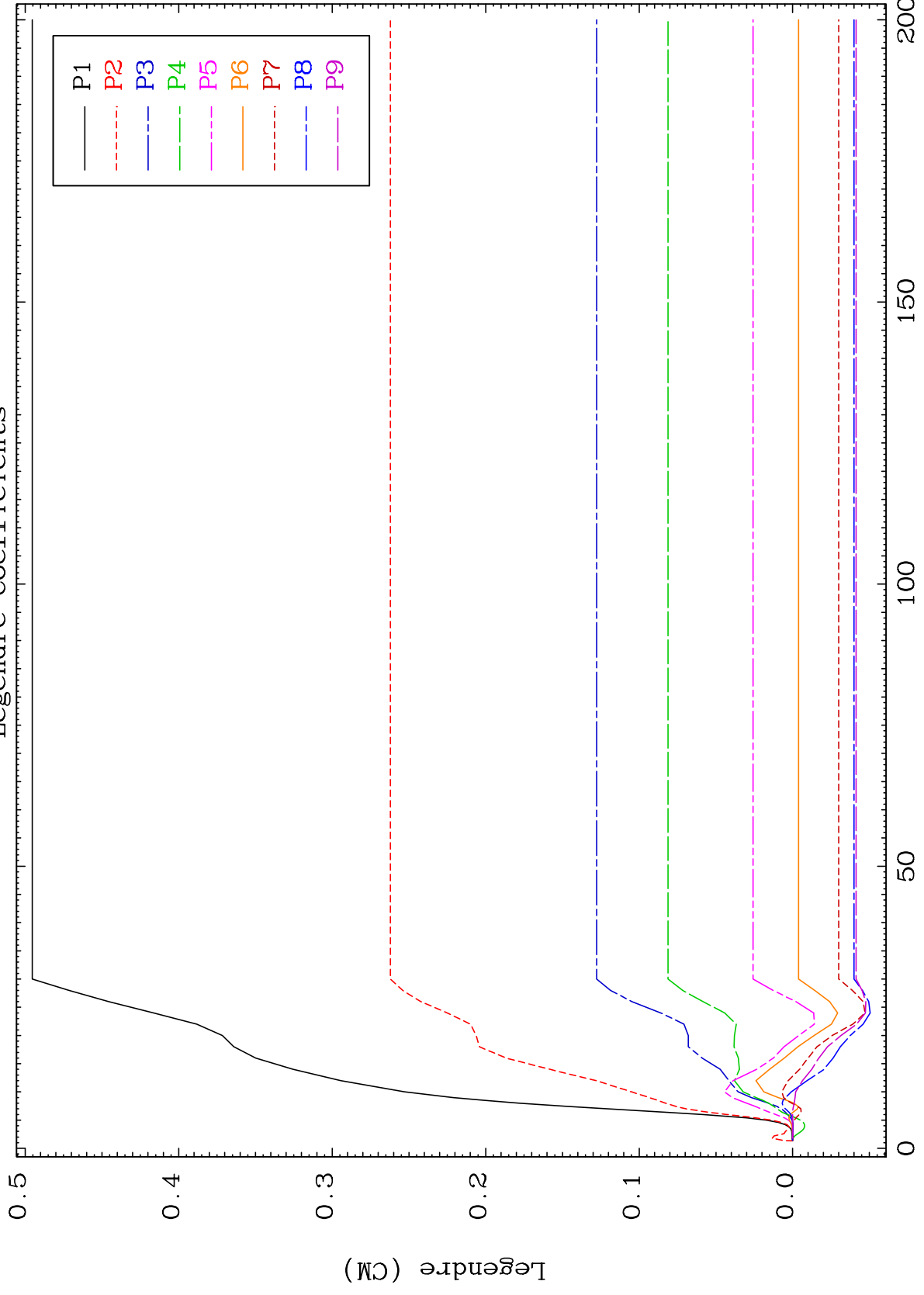
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



39-Y -93

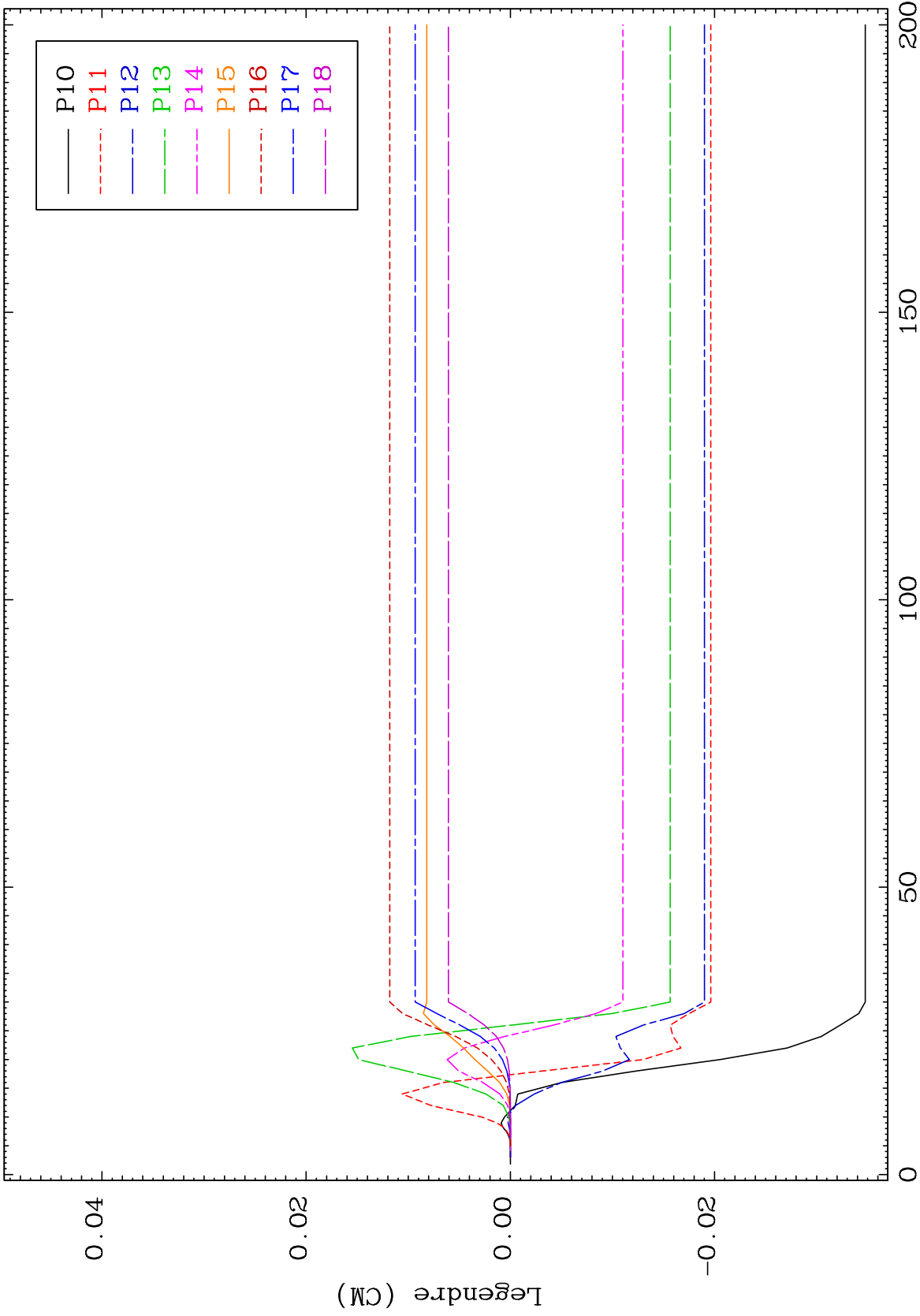
Incident Energy (MeV)

39

MAT 3937

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

39-Y -93



40

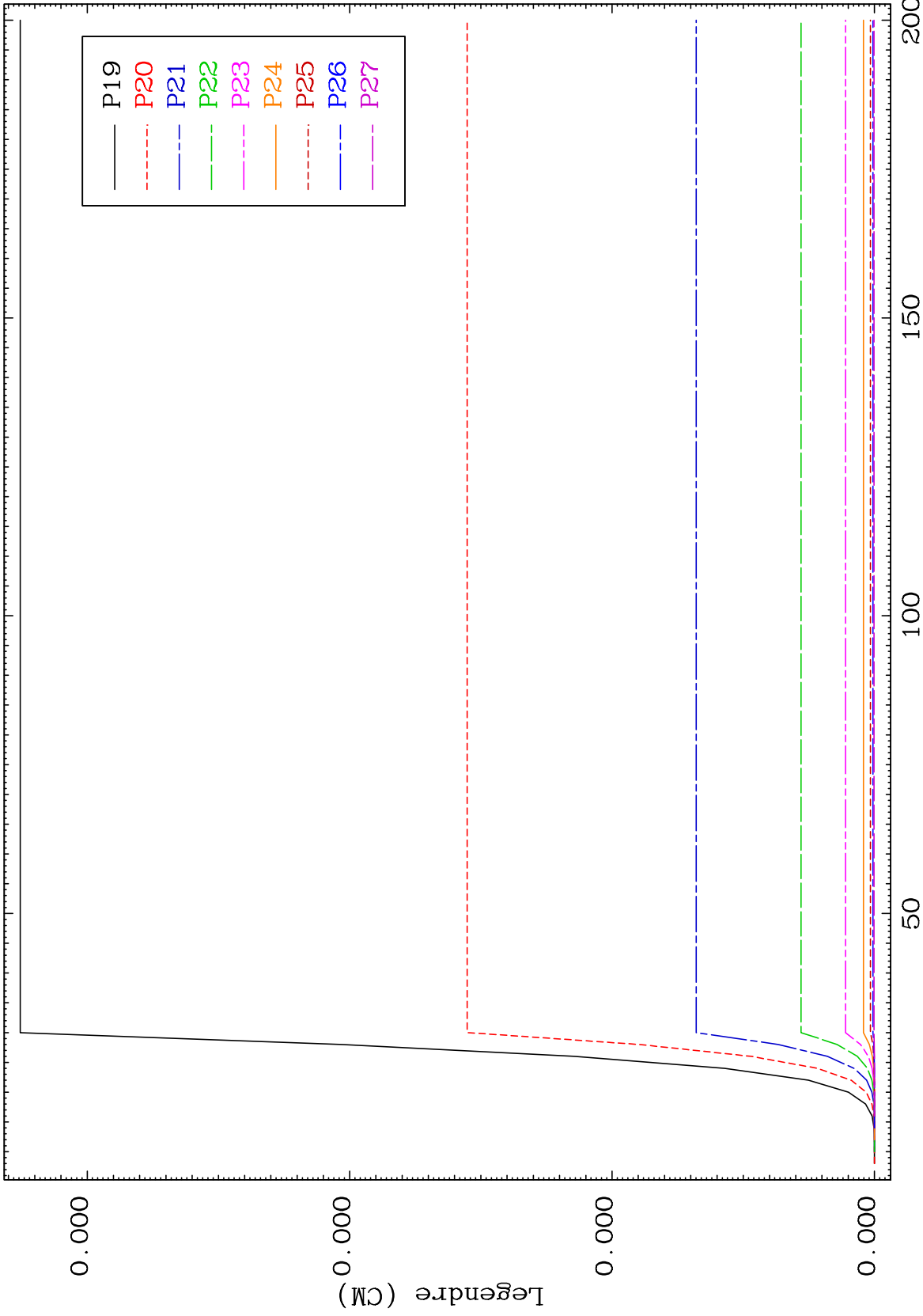
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



41

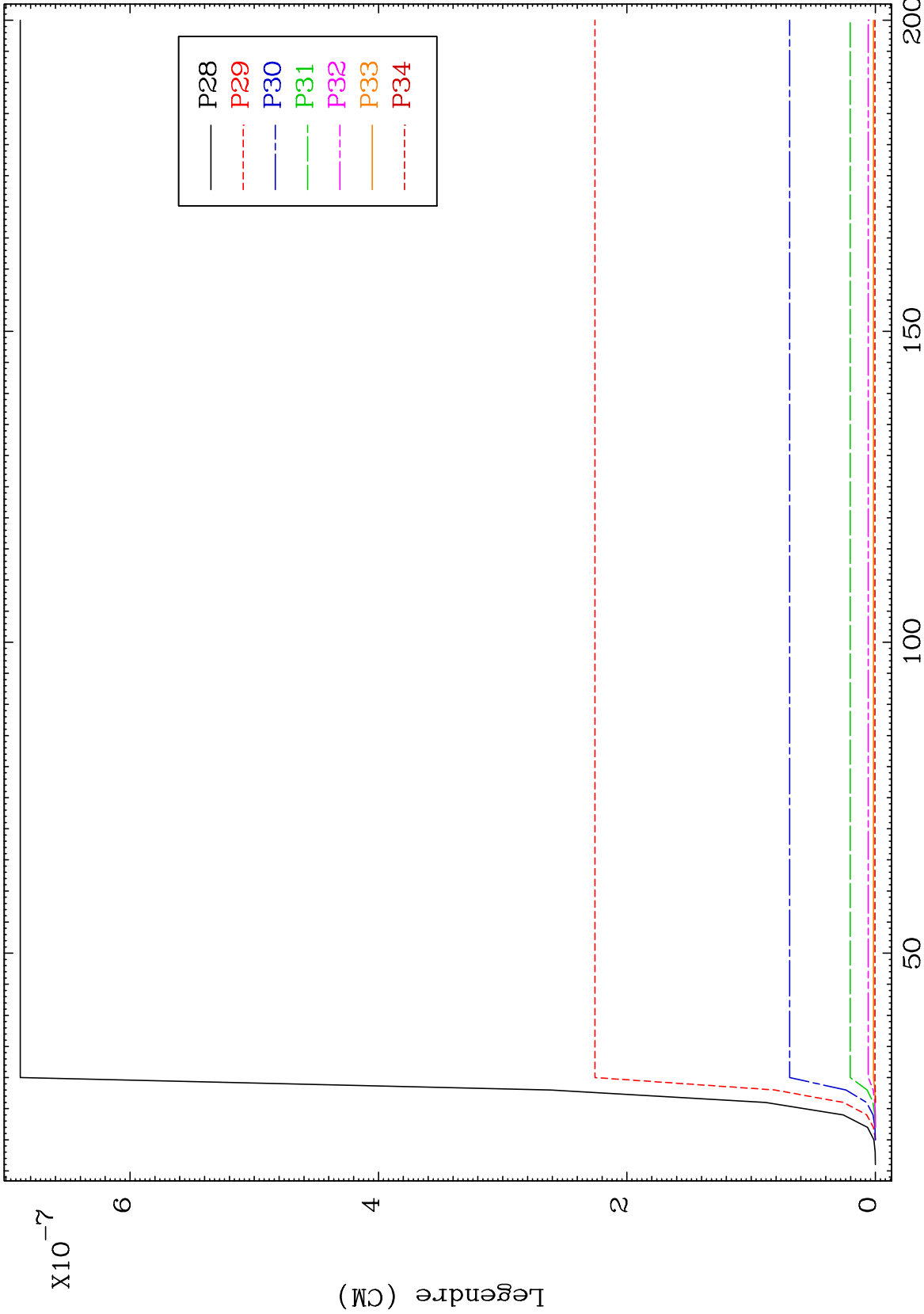
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



42

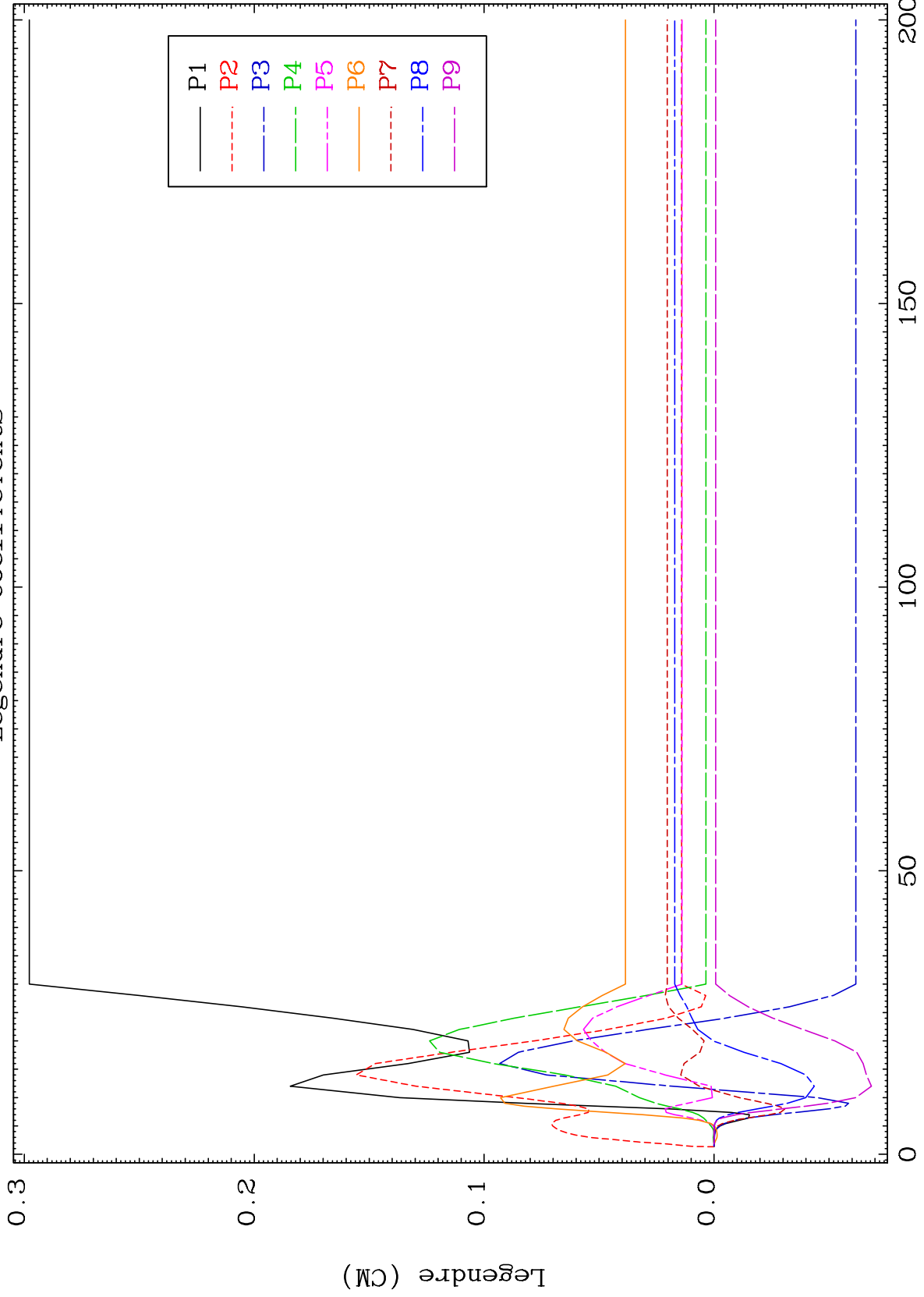
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



43

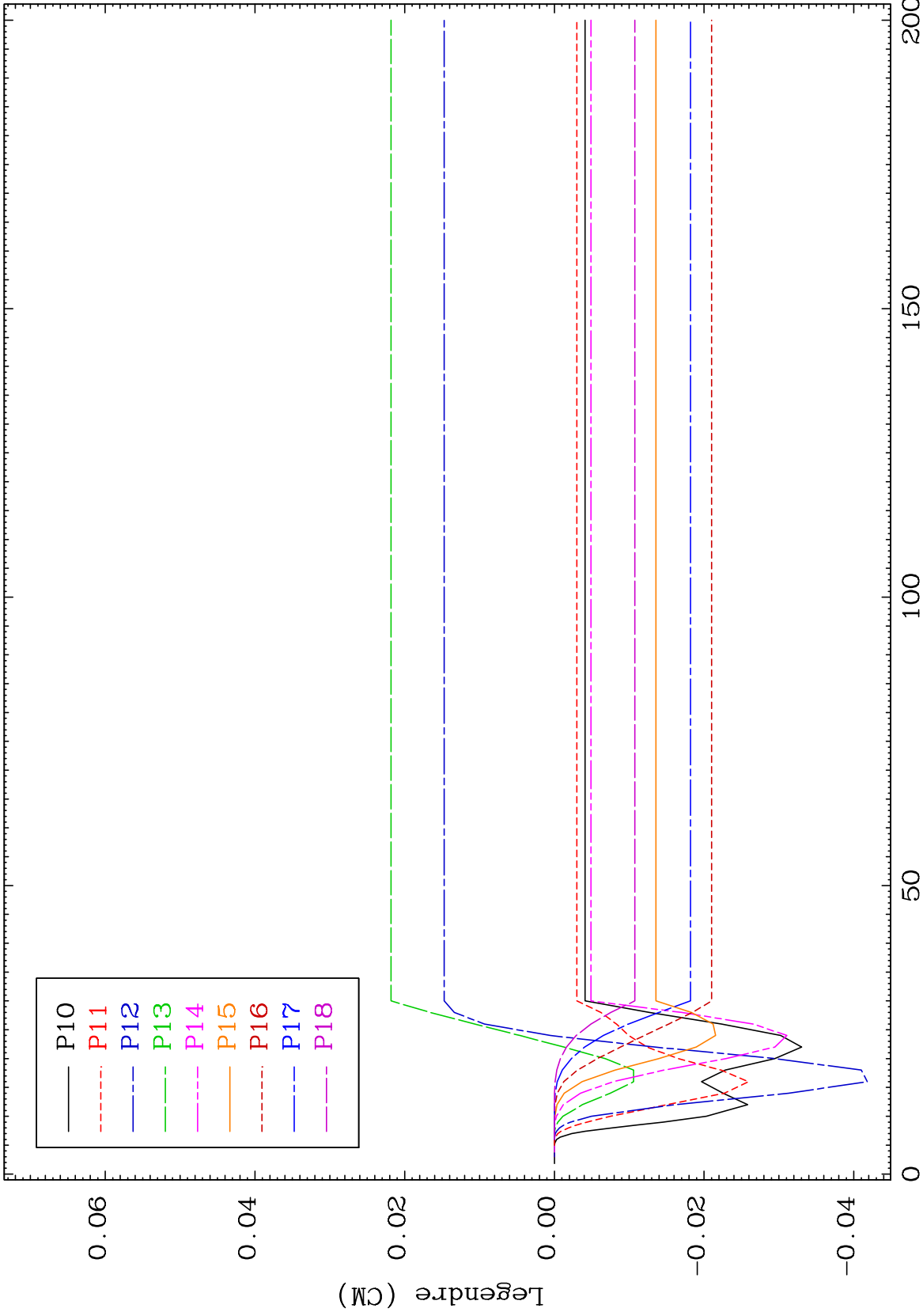
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93

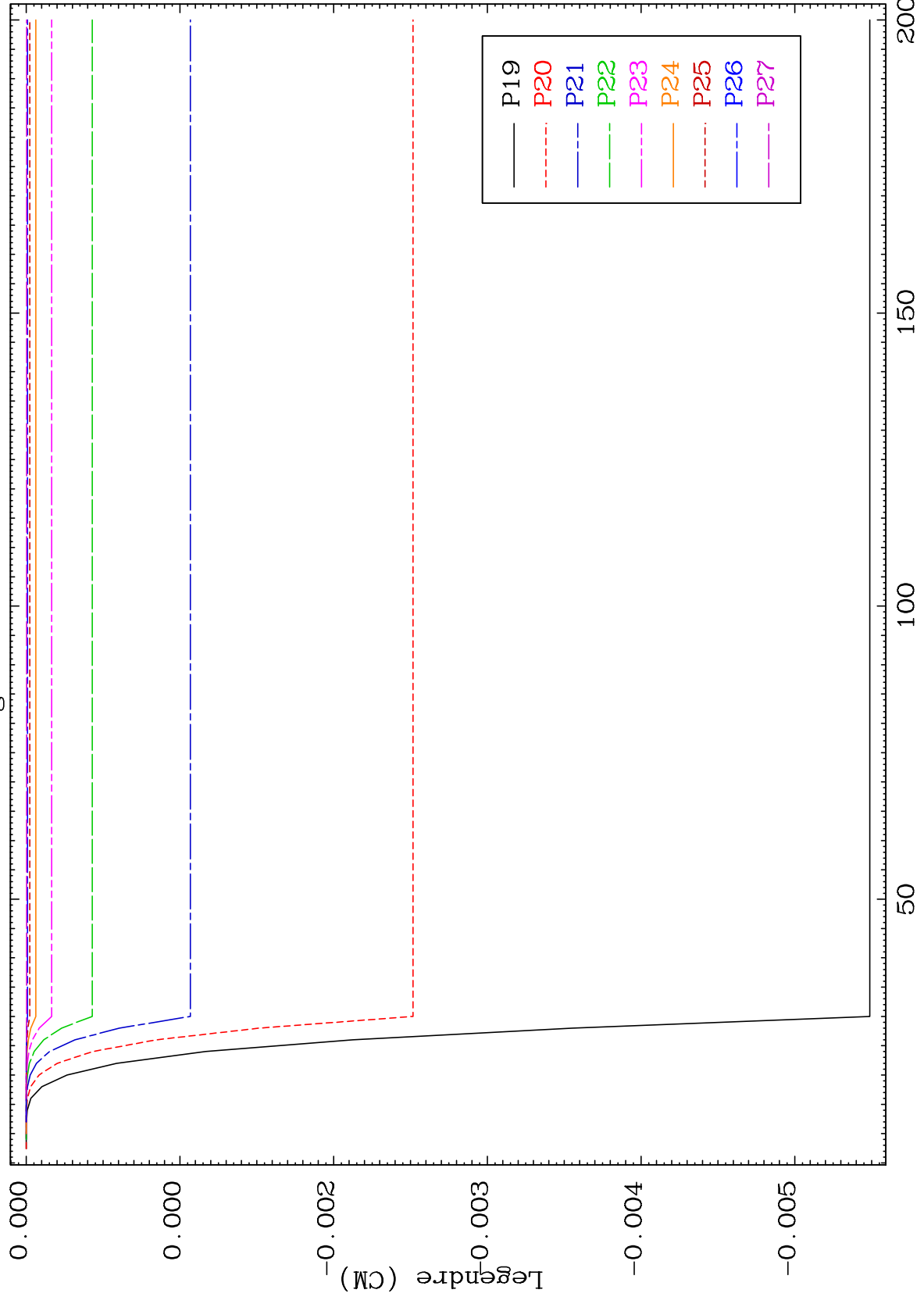


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Incident Energy (MeV)

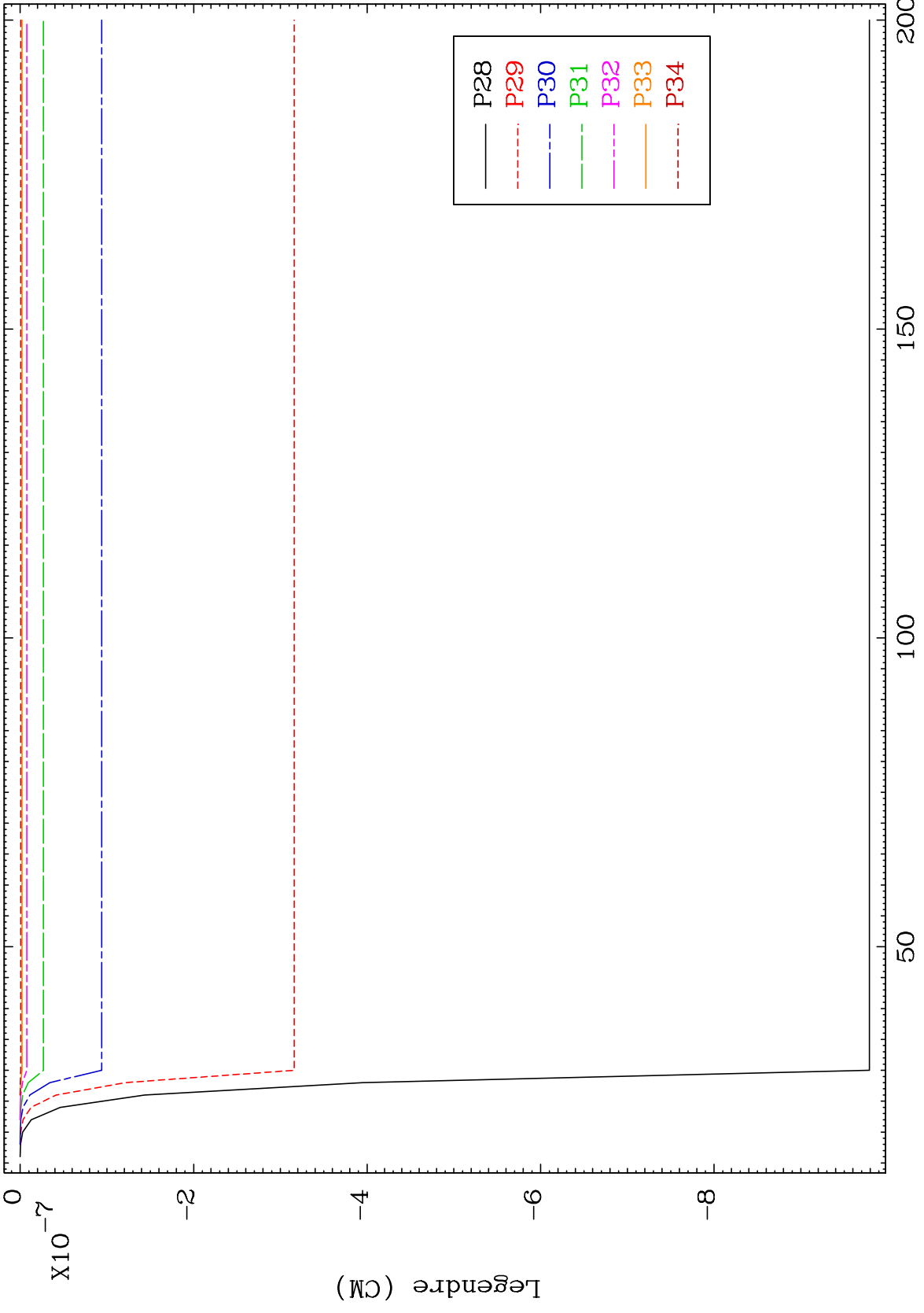
39-Y -93

MAT 3937 MT= 57 (n,n') Level Legendre Coefficients 39-Y -93



45 Incident Energy (MeV) 39-Y -93

MAT 3937 MT= 57 (n,n') Level Legendre Coefficients 39-Y -93

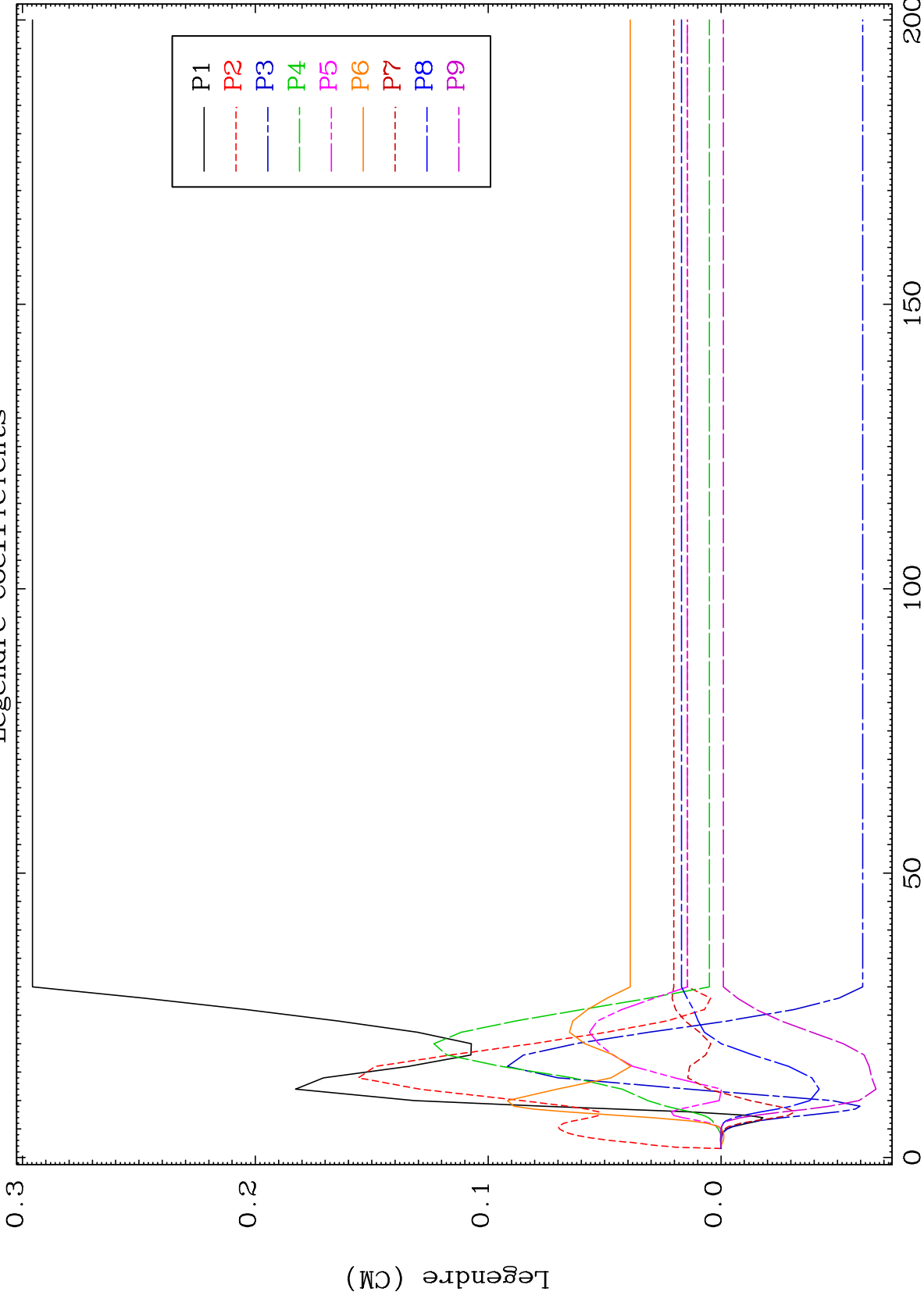


46 50 100 150 200 39-Y -93

MAT 3937

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

39-Y -93



47

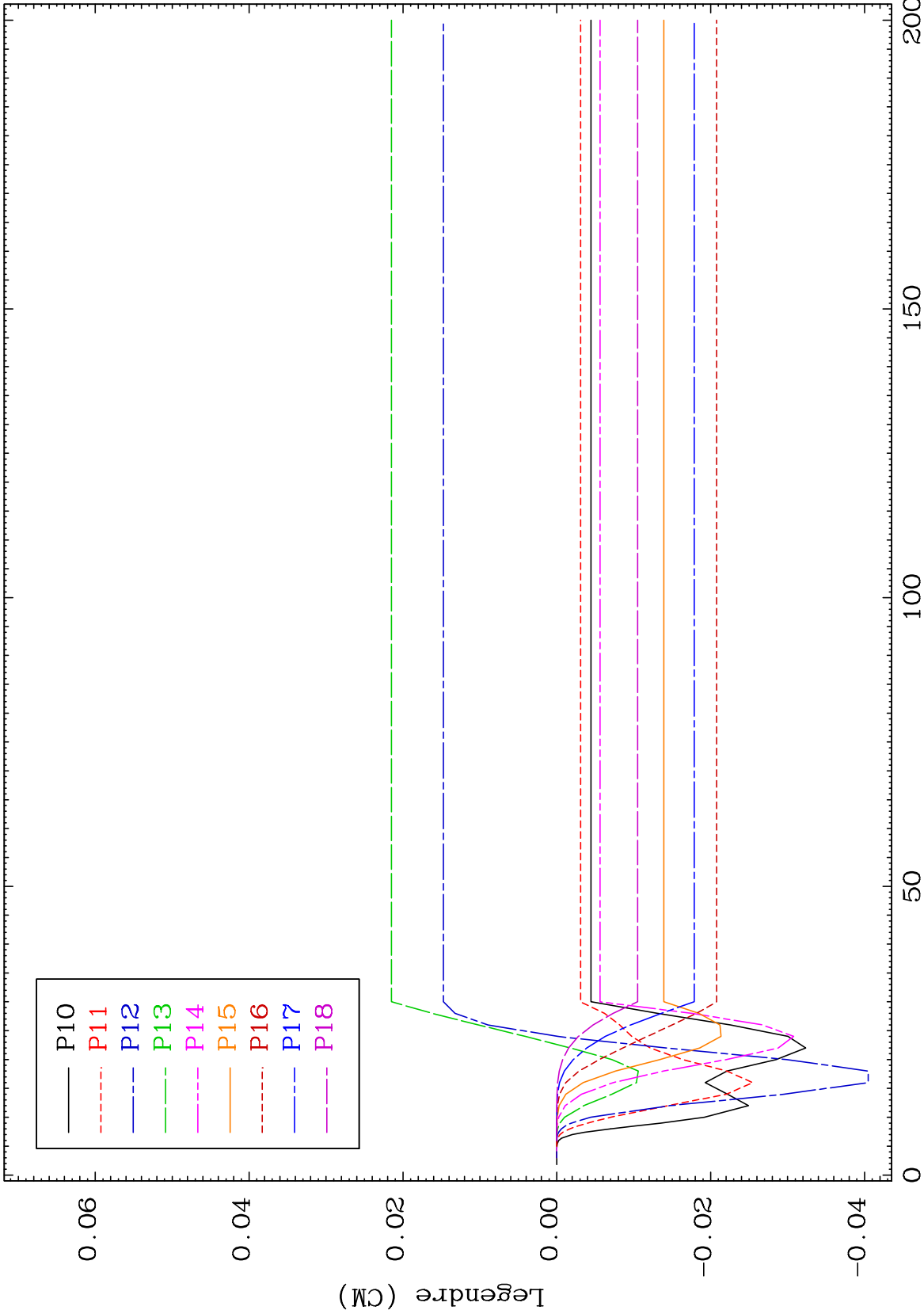
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93

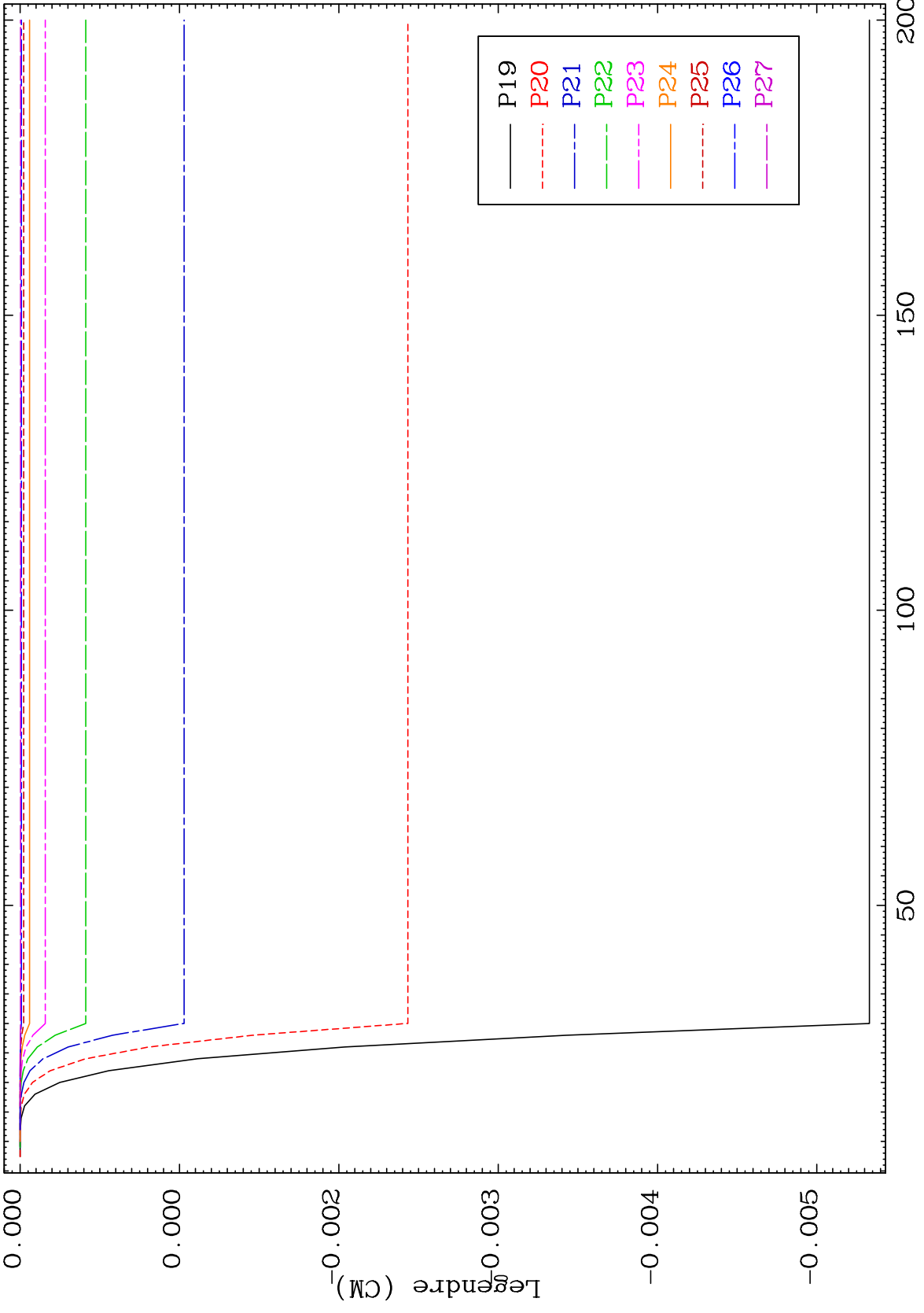


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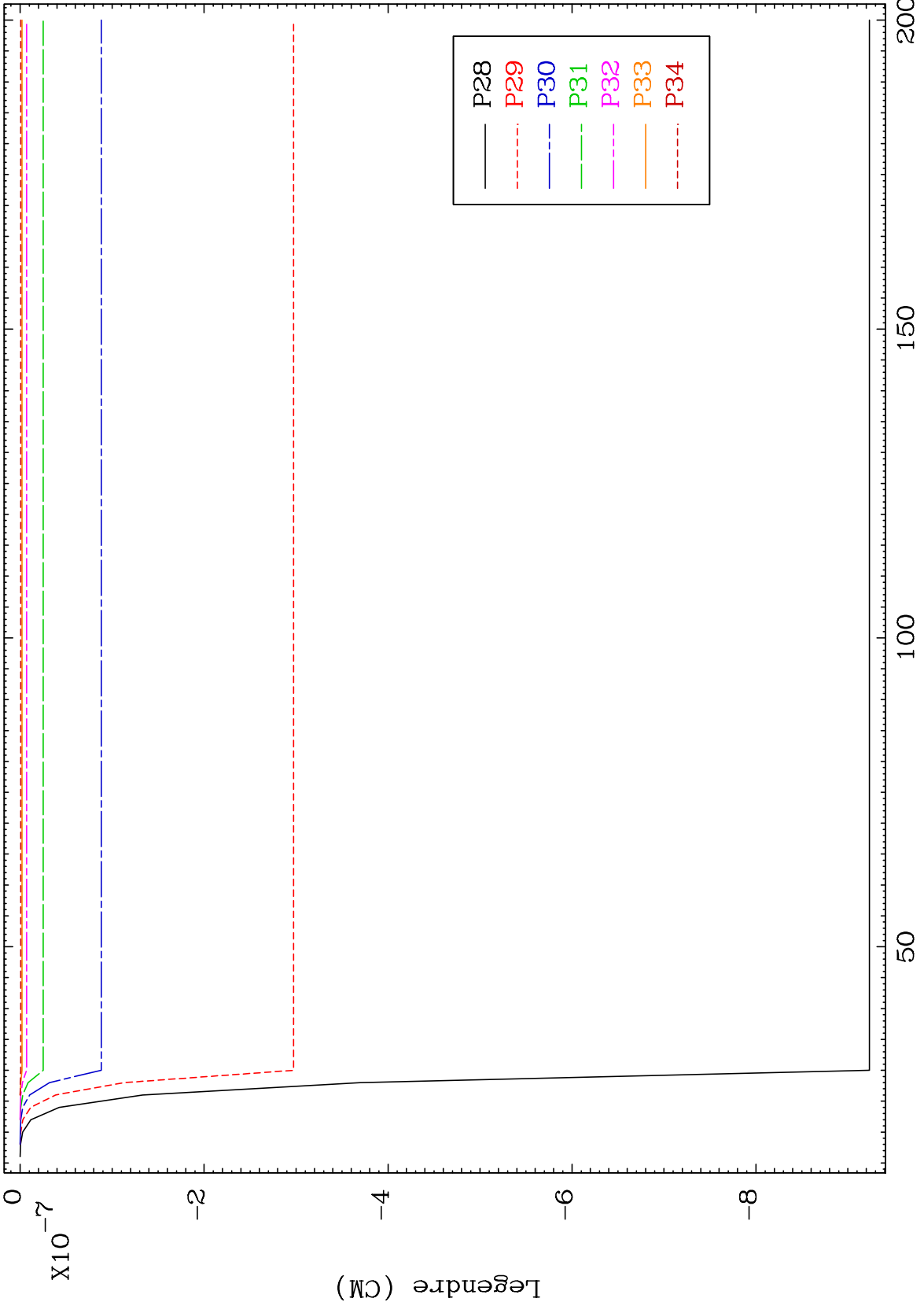
Incident Energy (MeV)

39-Y -93

MAT 3937 MT= 58 (n,n') Level Legendre Coefficients 39-Y -93



MAT 3937 MT= 58 (n,n') Level Legendre Coefficients 39-Y -93

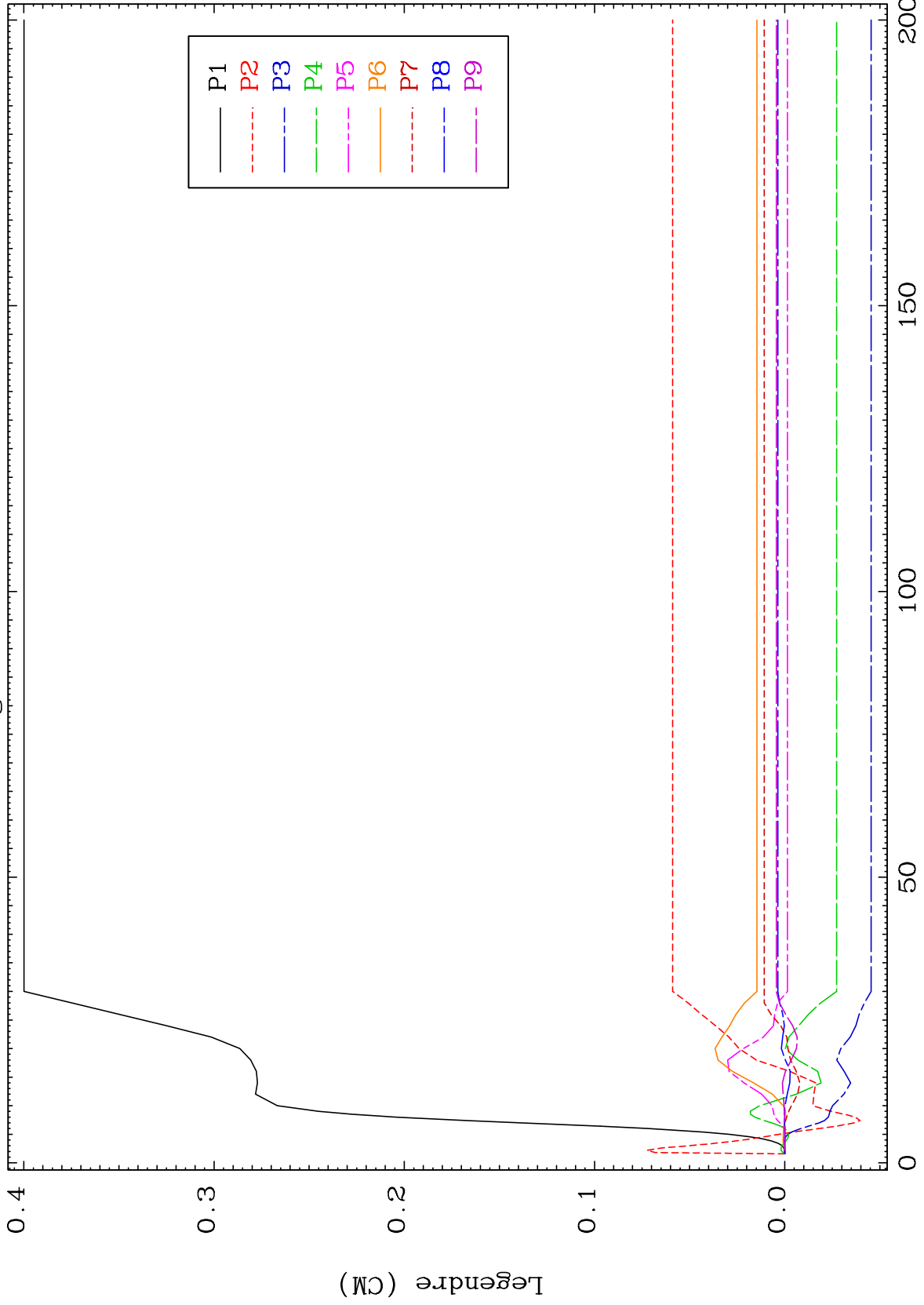


50 Incident Energy (MeV) 39-Y -93

MAT 3937

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

39-Y -93



51

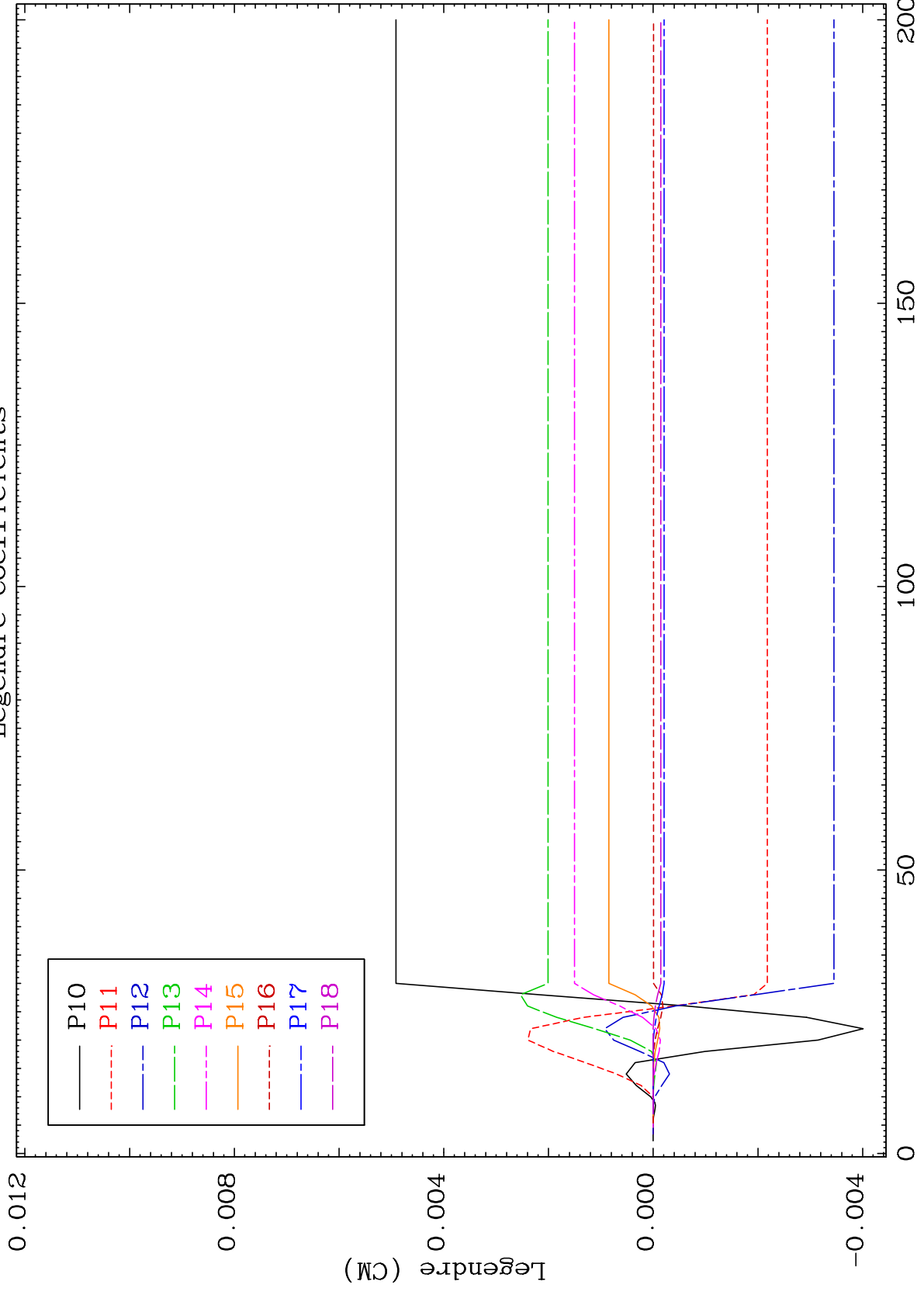
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



52

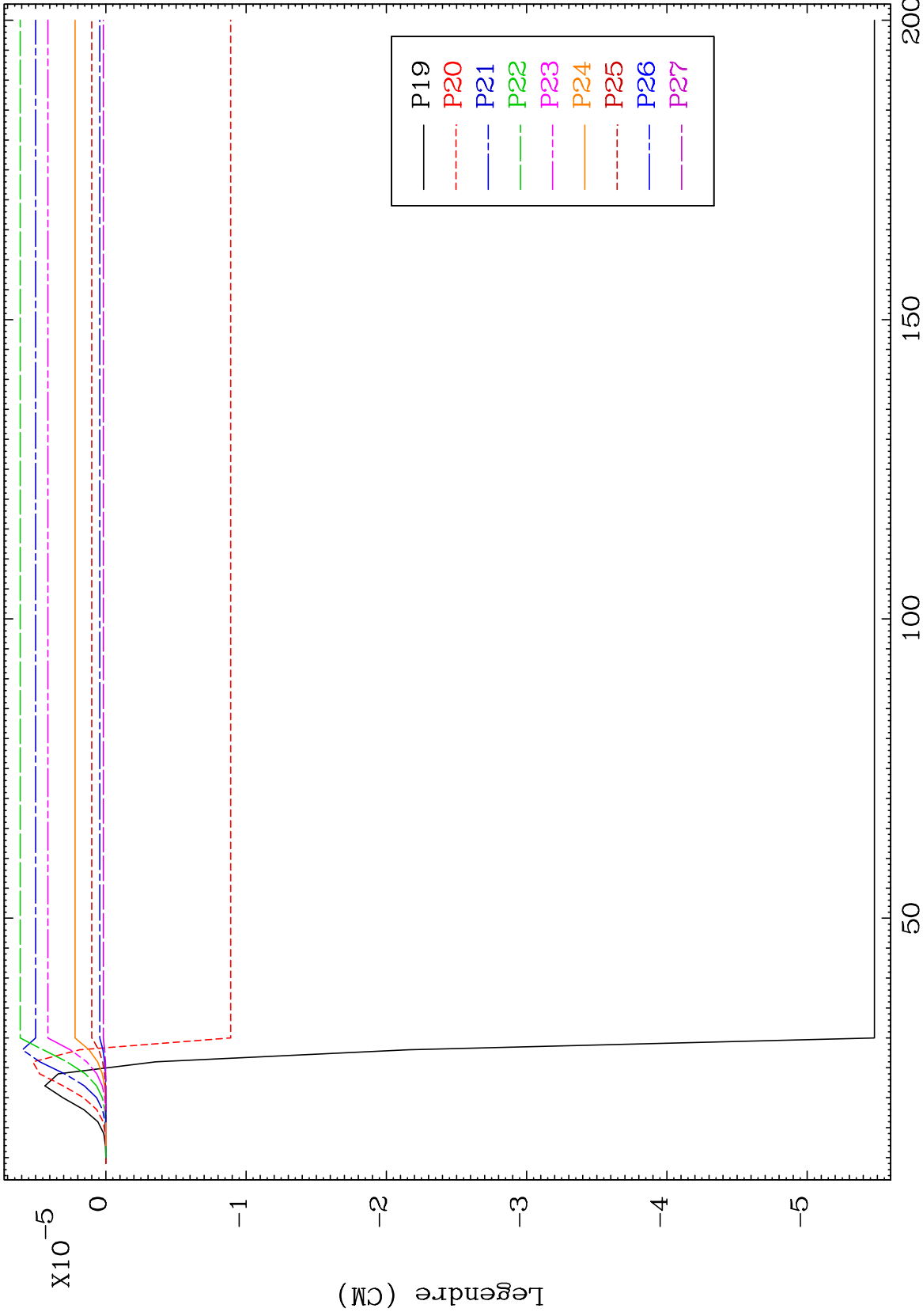
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



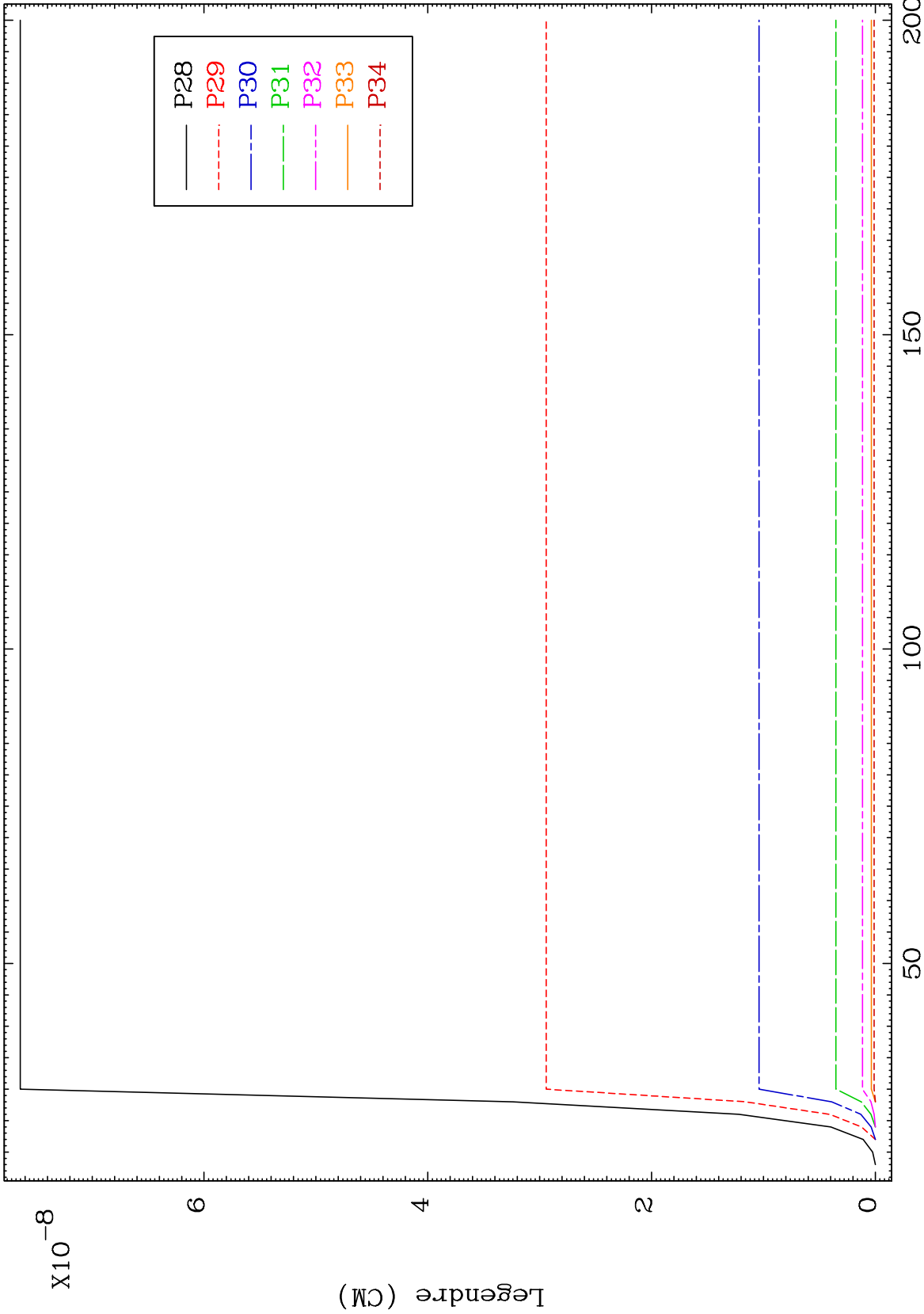
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39-Y -93

MAT 3937

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

39-Y -93



54

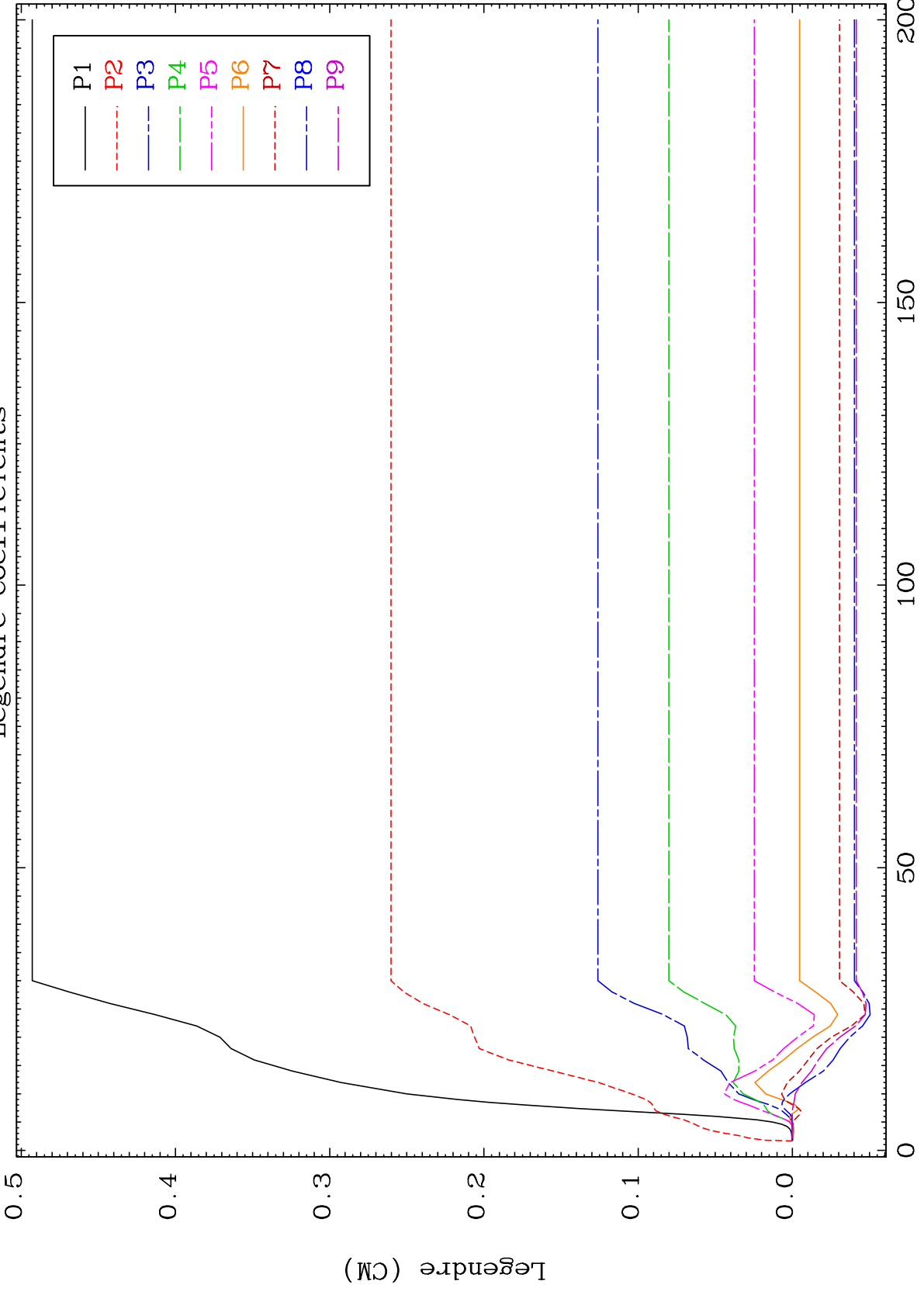
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



39-Y -93

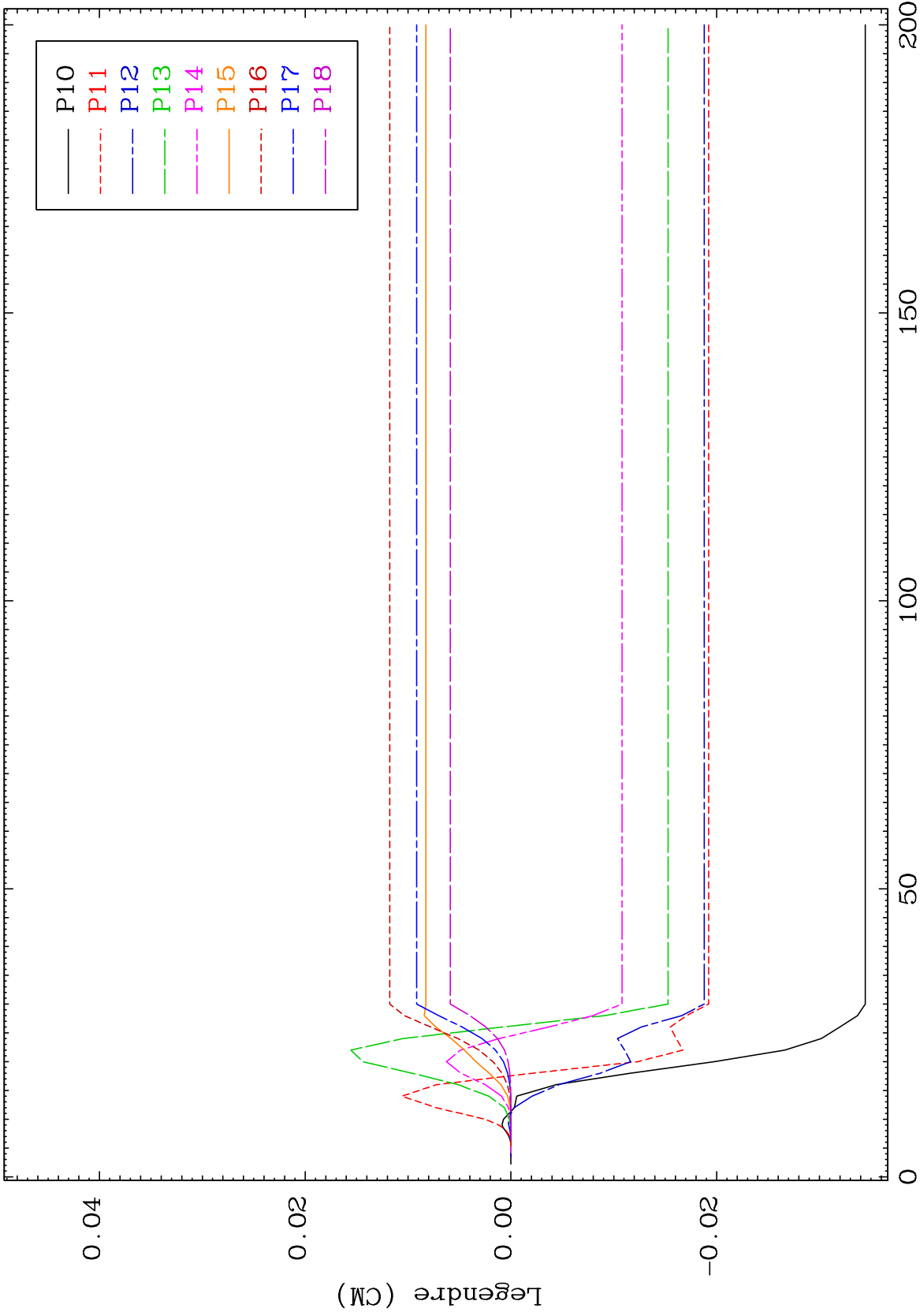
Incident Energy (MeV)

55

MAT 3937

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

39-Y -93



56

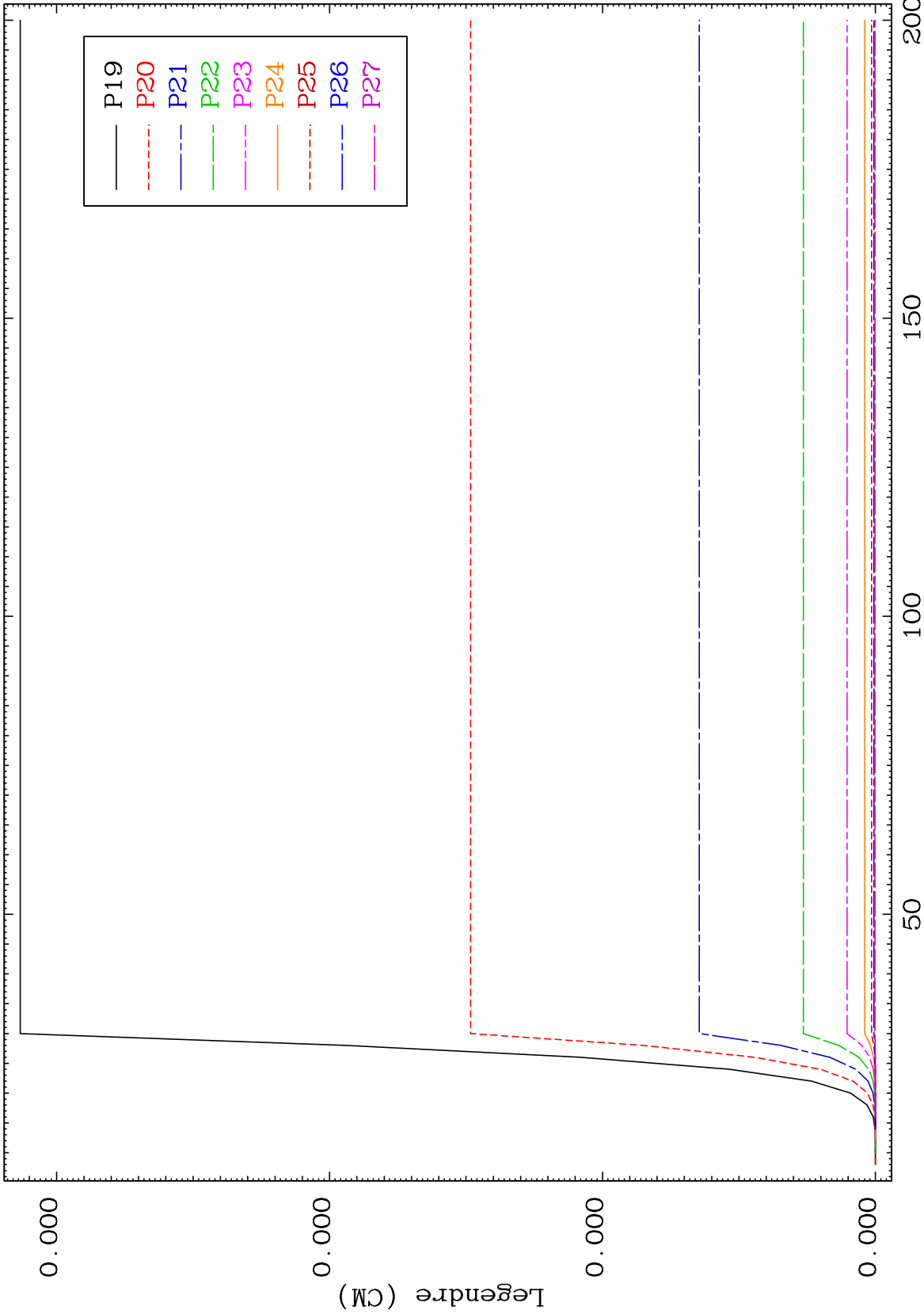
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



57

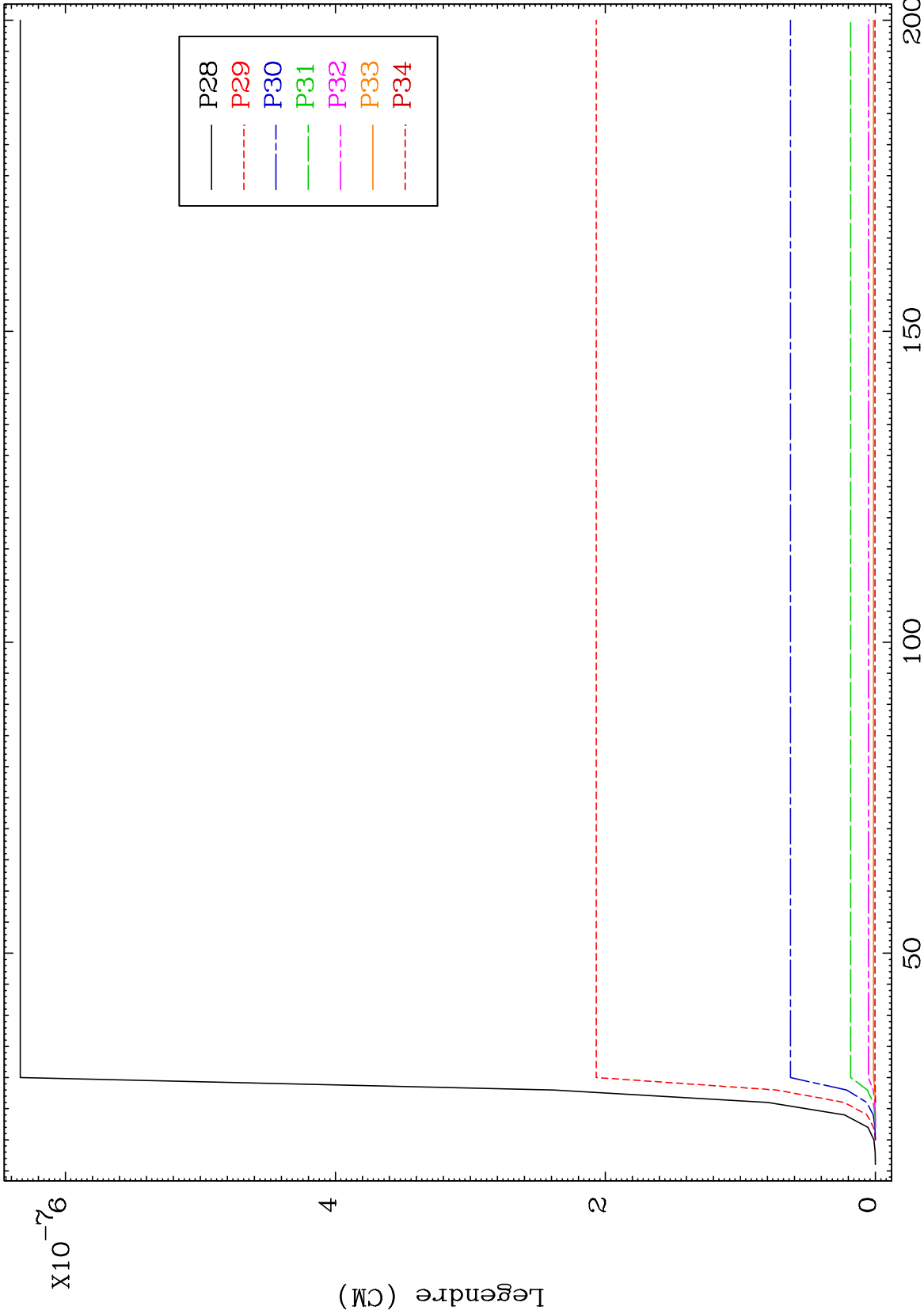
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



58

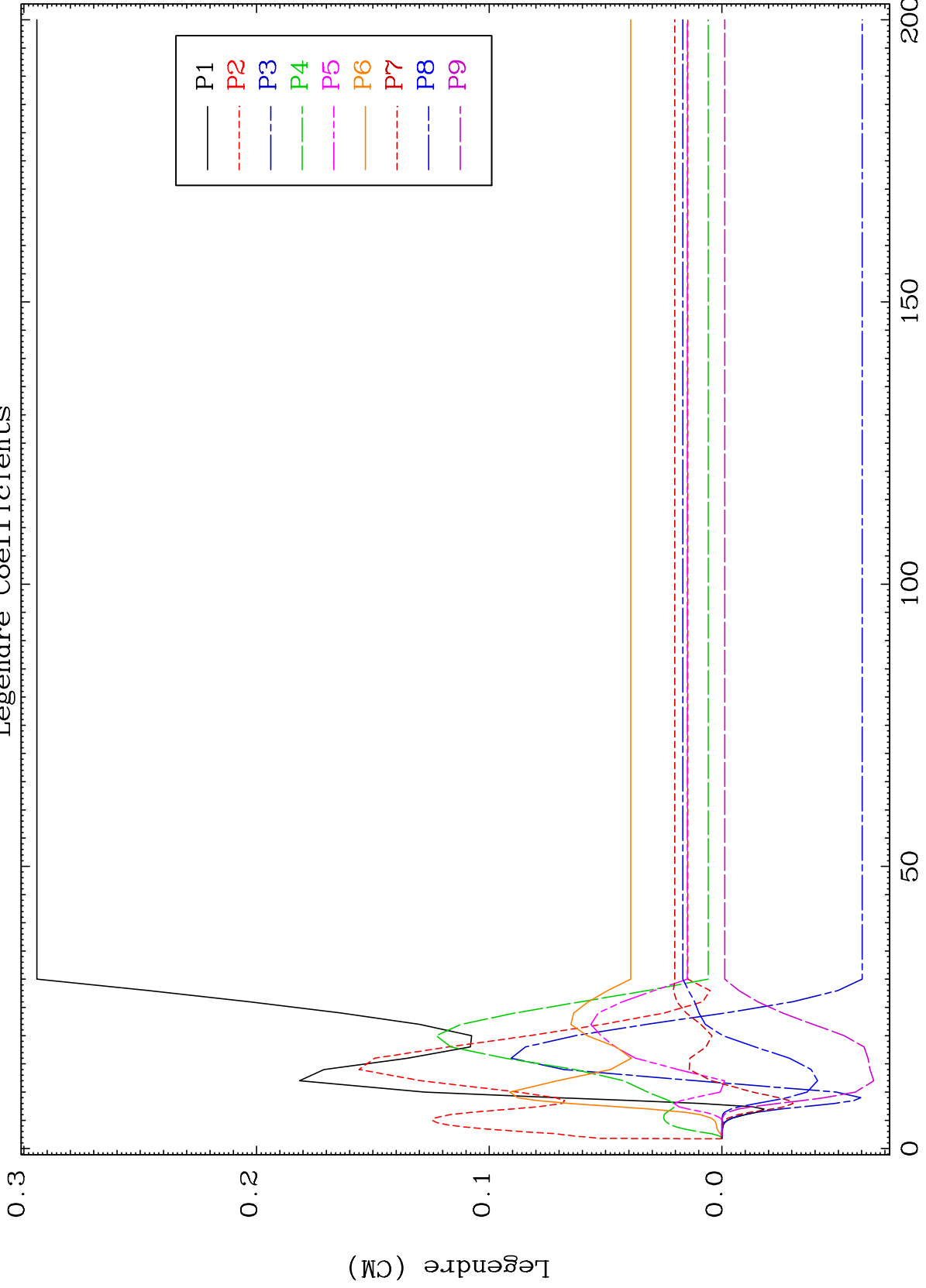
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



39-Y -93

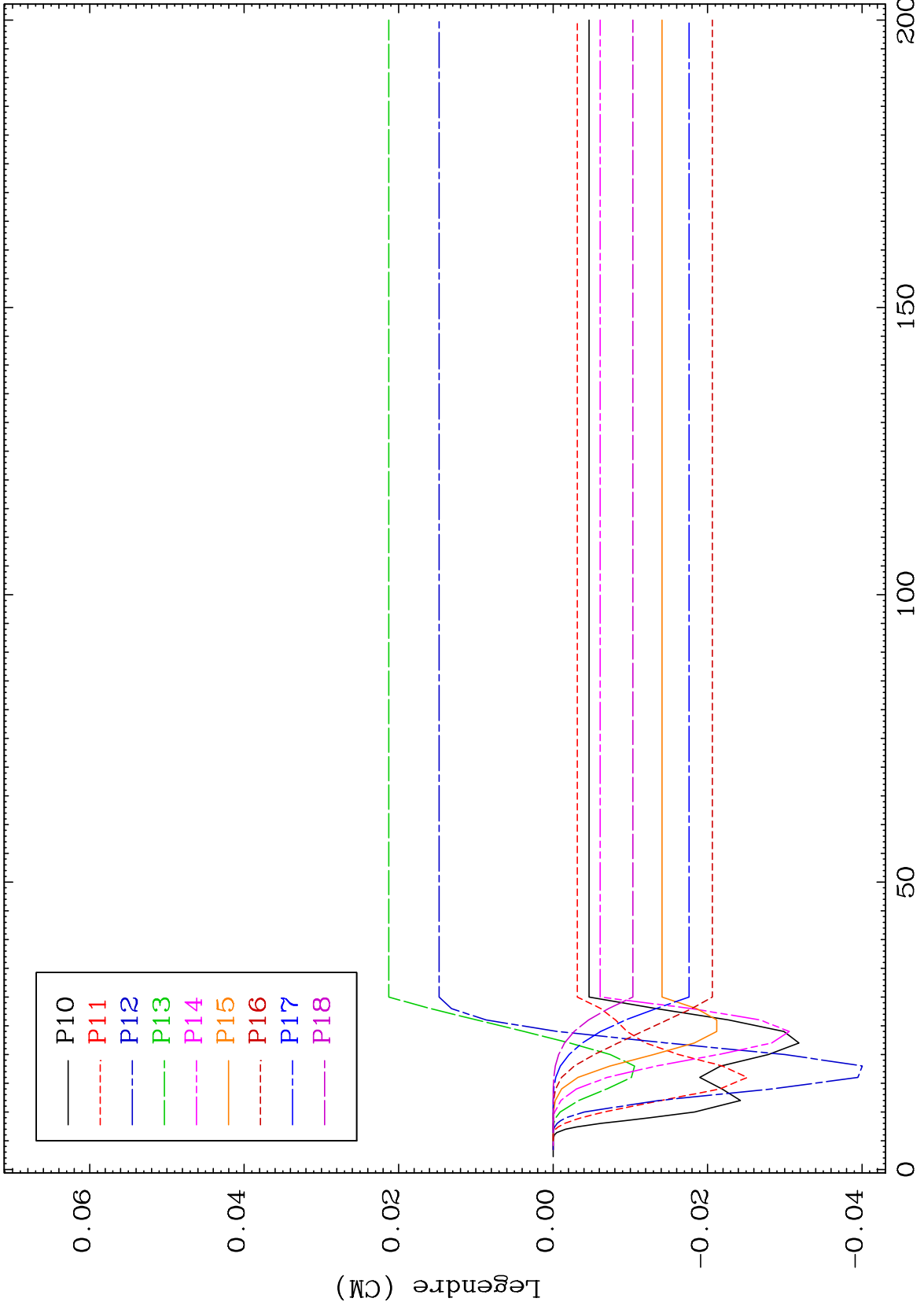
Incident Energy (MeV)

59

MAT 3937

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

39-Y -93

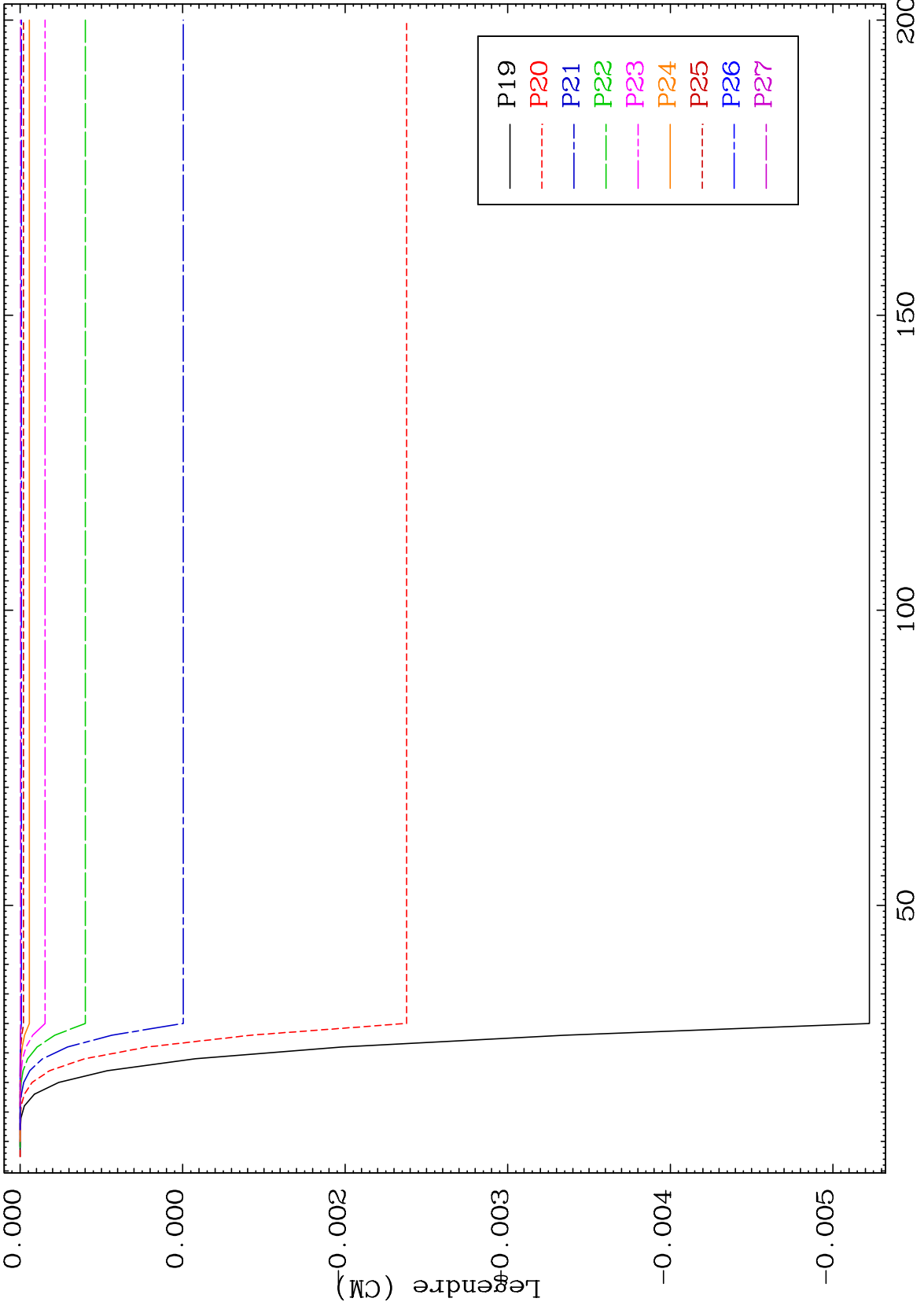


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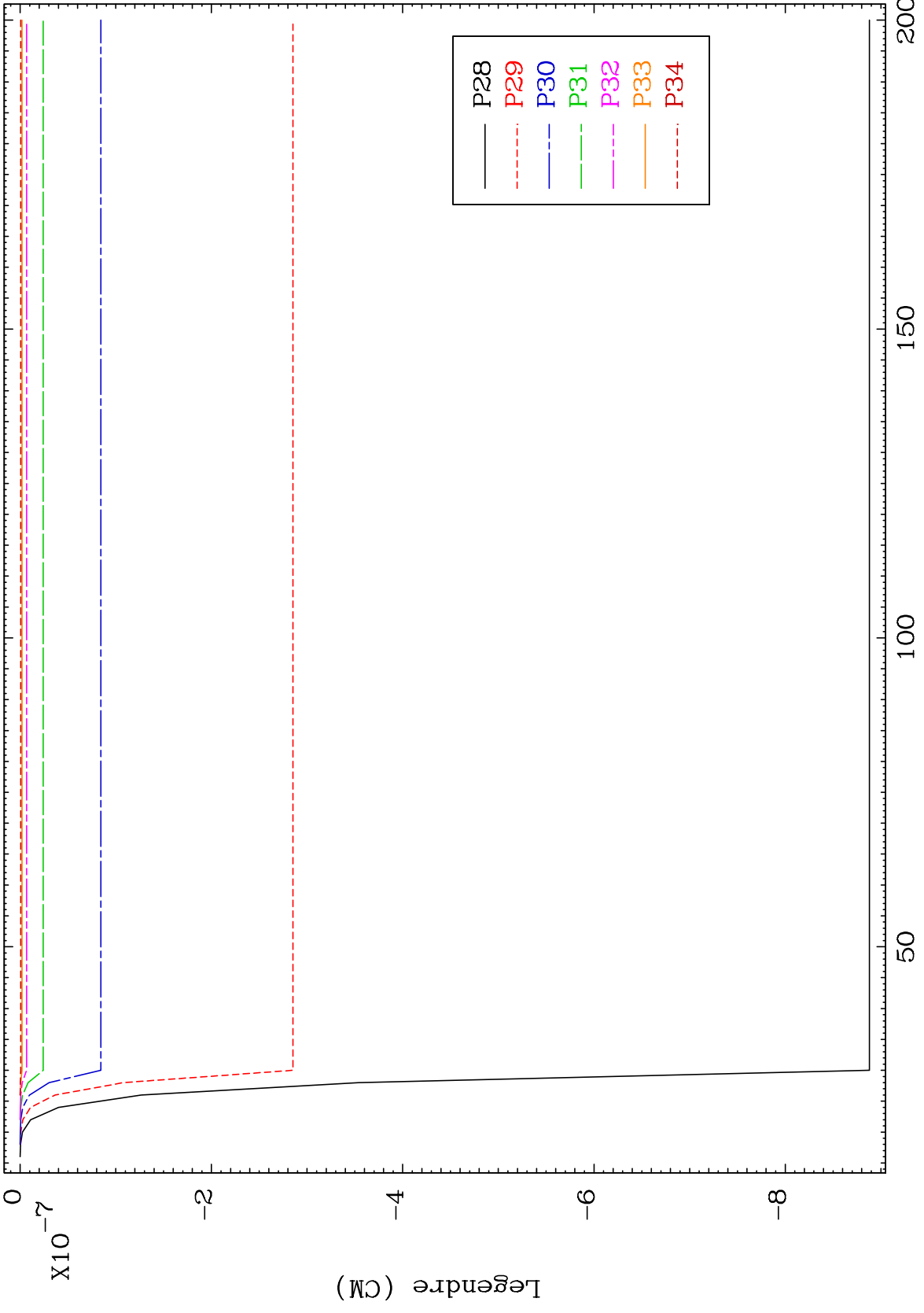
Incident Energy (MeV)

39-Y -93

MAT 3937 MT= 61 (n,n') Level Legendre Coefficients 39-Y -93

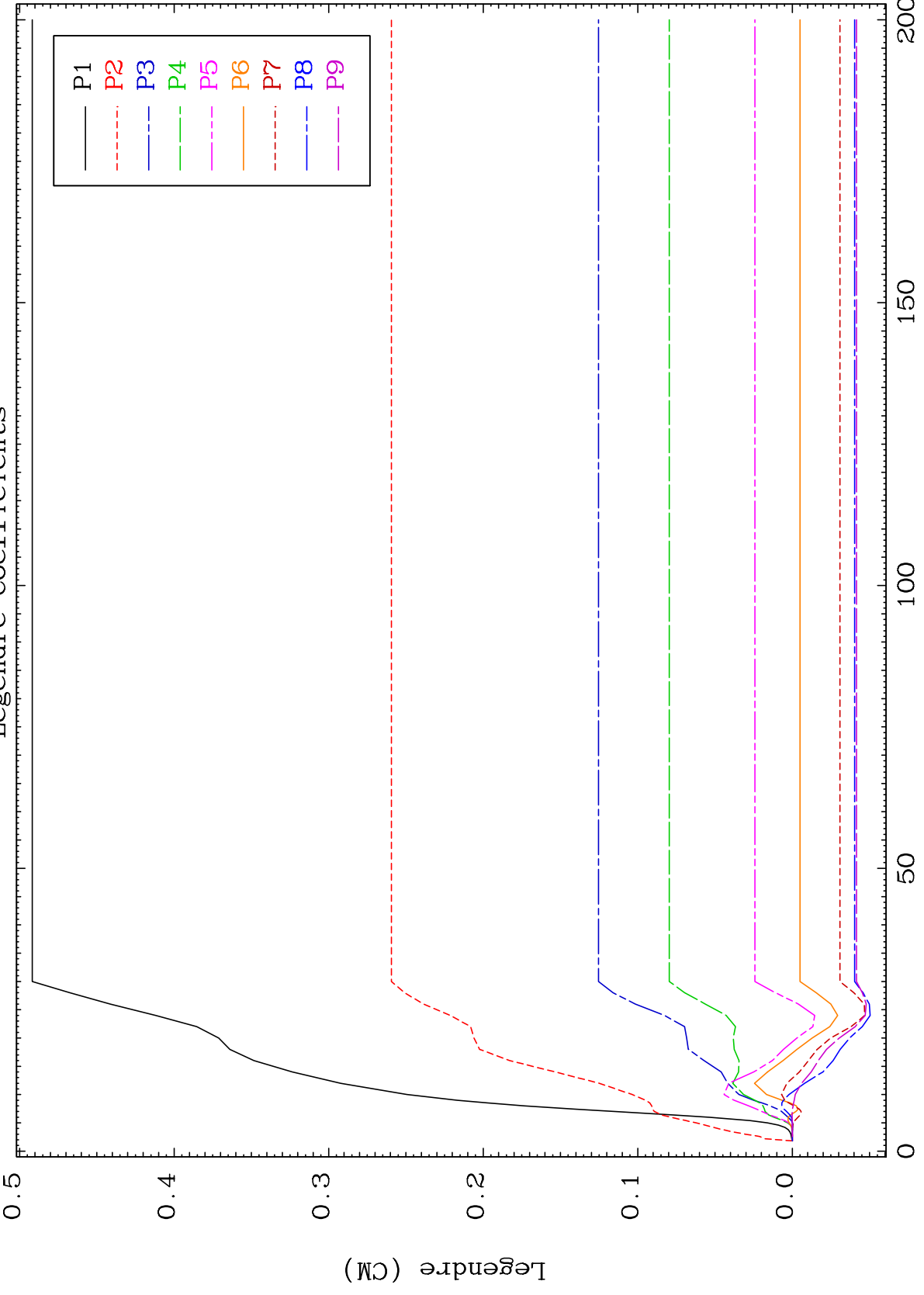


MAT 3937 MT= 61 (n,n') Level Legendre Coefficients 39-Y -93



62 39-Y -93

MAT 3937 MT= 62 (n,n') Level Legendre Coefficients 39-Y -93

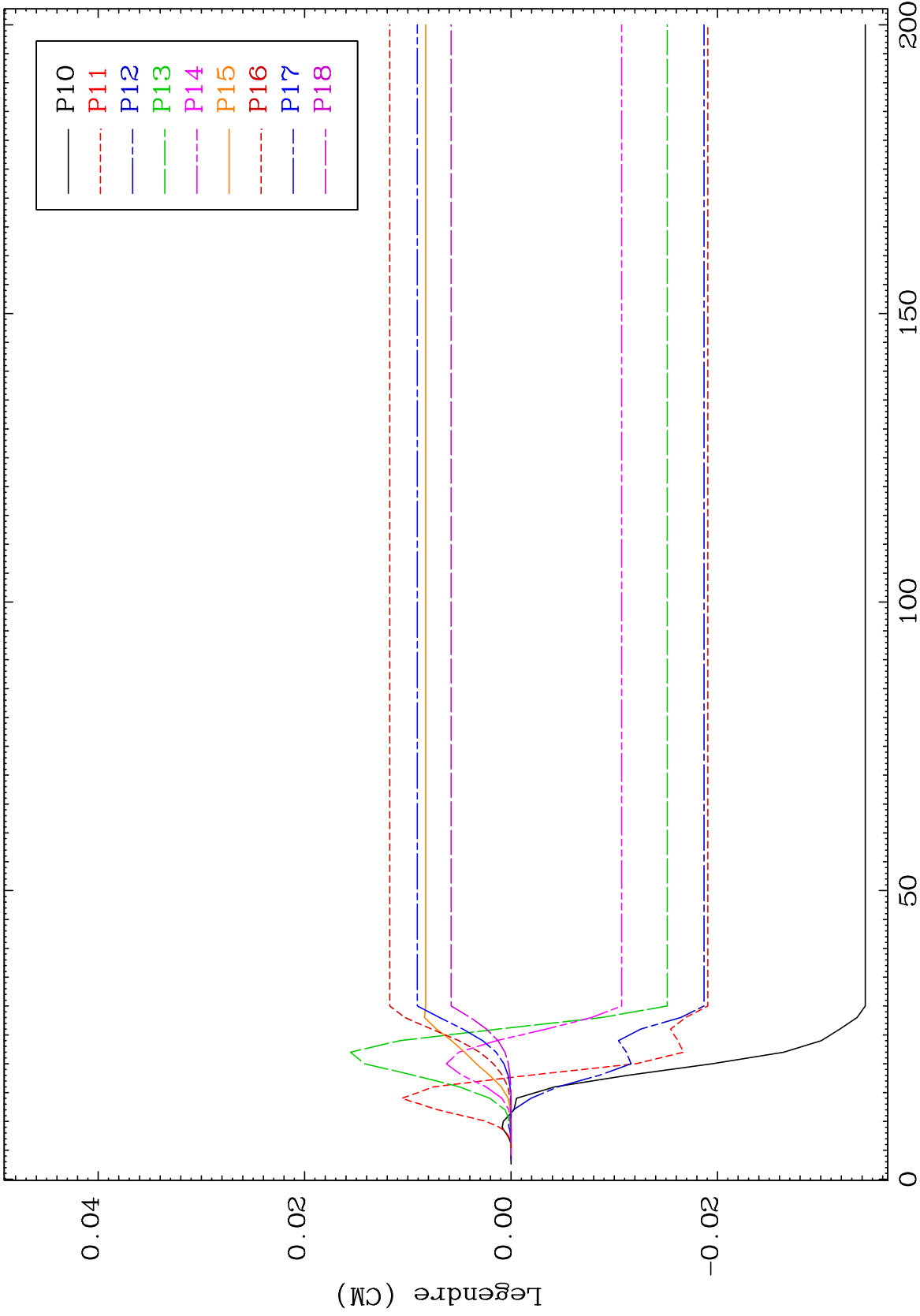


63 39-Y -93

MAT 3937

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

39-Y -93



64

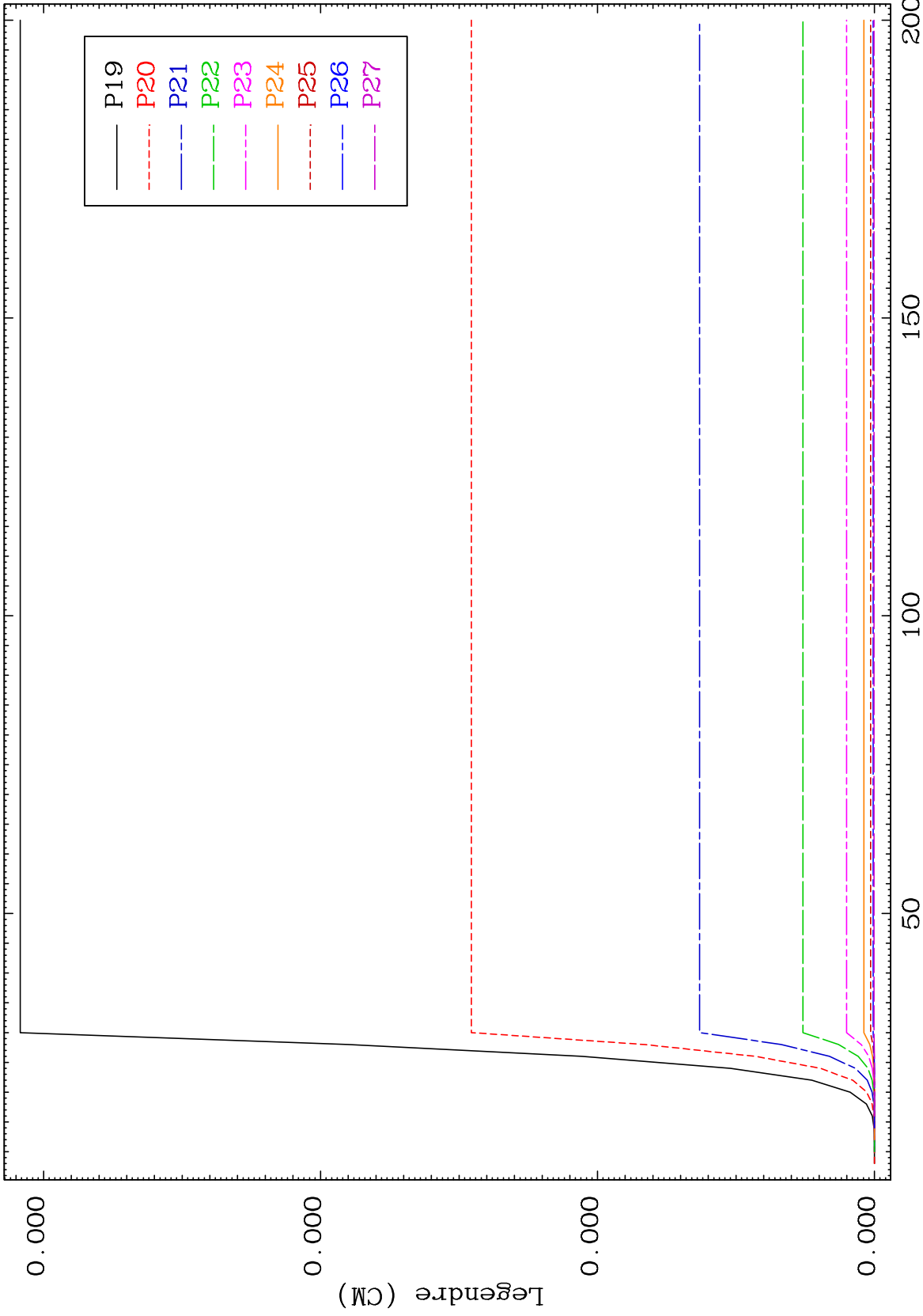
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



65

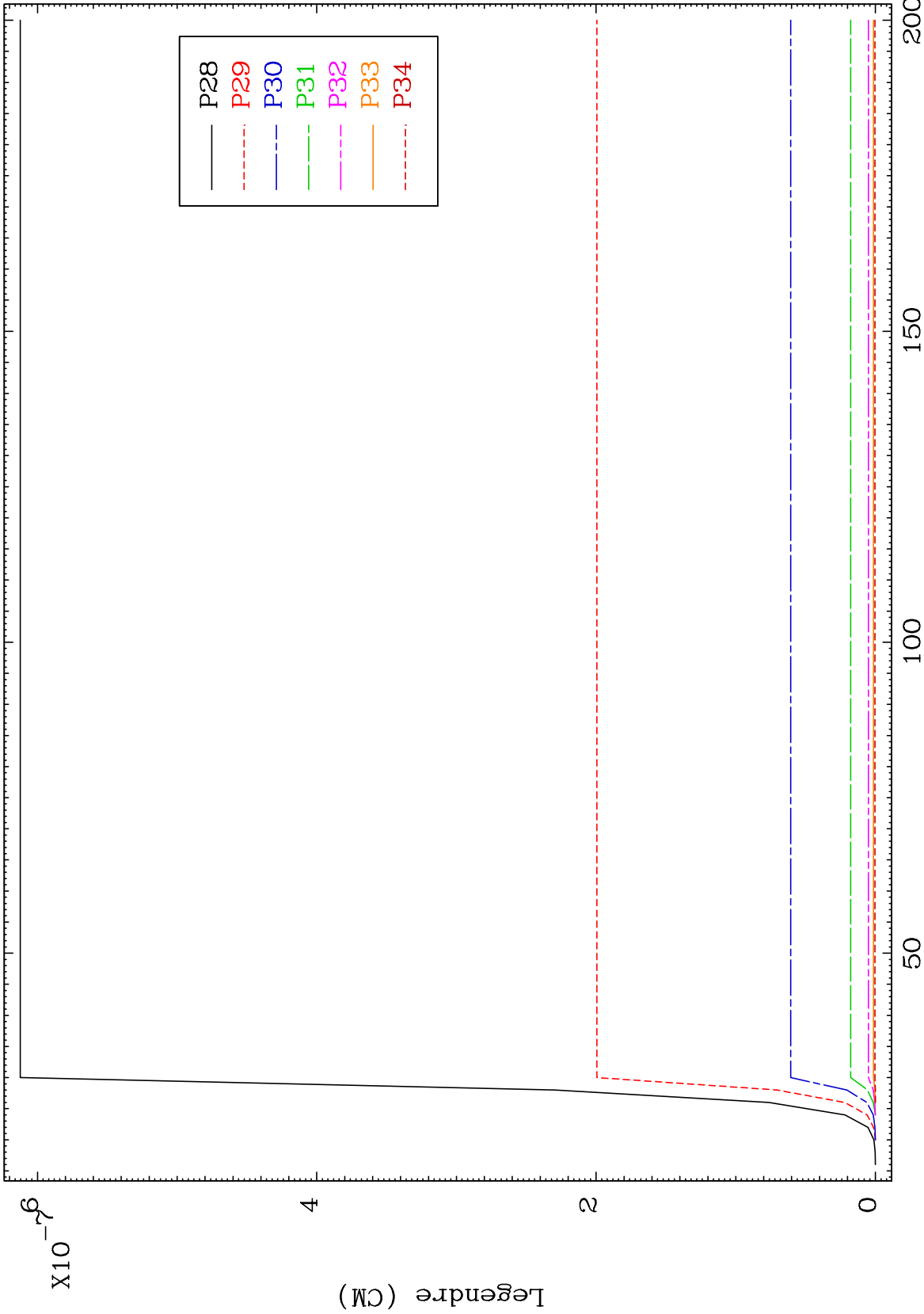
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93

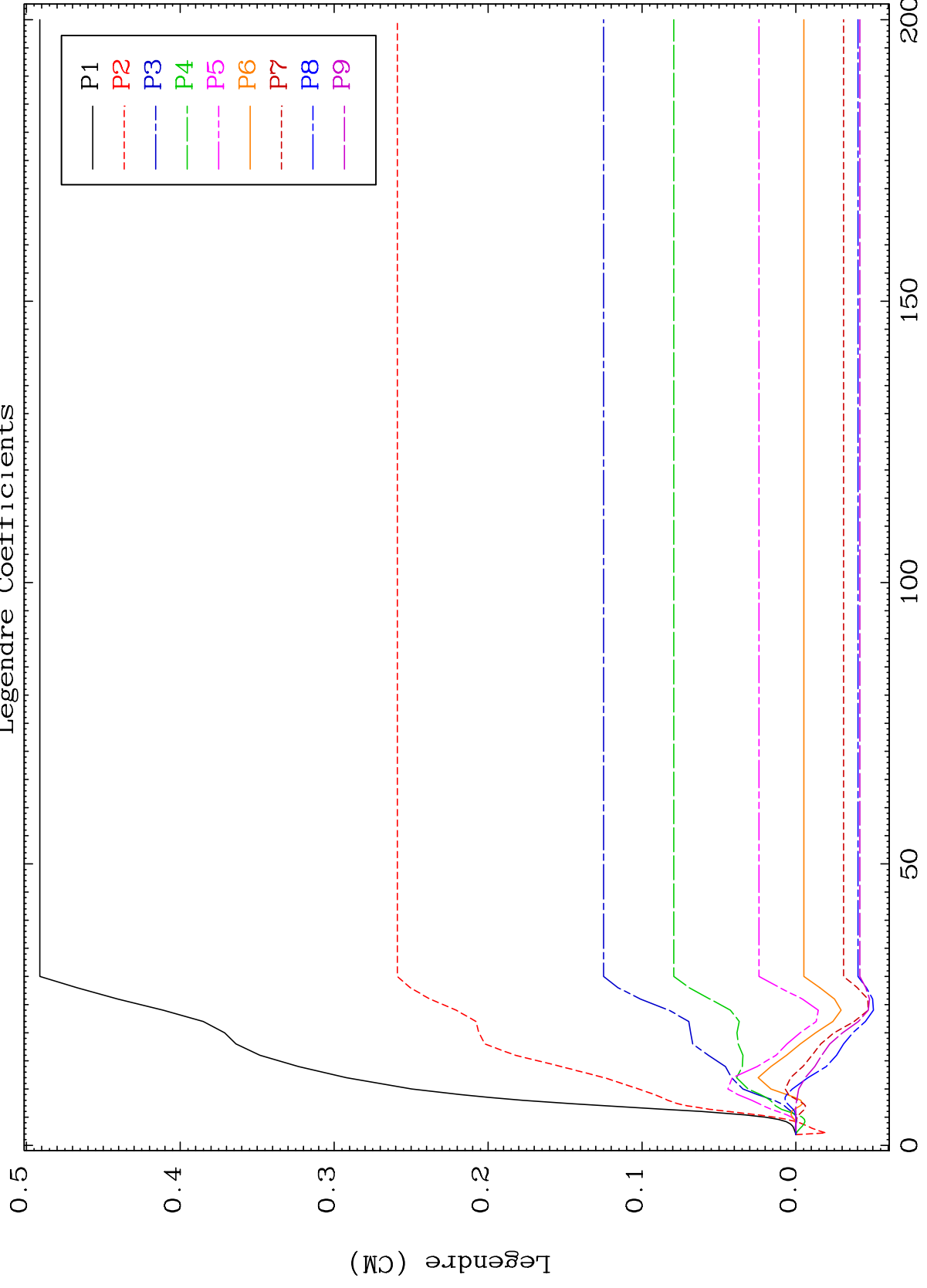


66

Incident Energy (MeV)

39-Y -93

MAT 3937 MT= 63 (n,n') Level Legendre Coefficients 39-Y -93

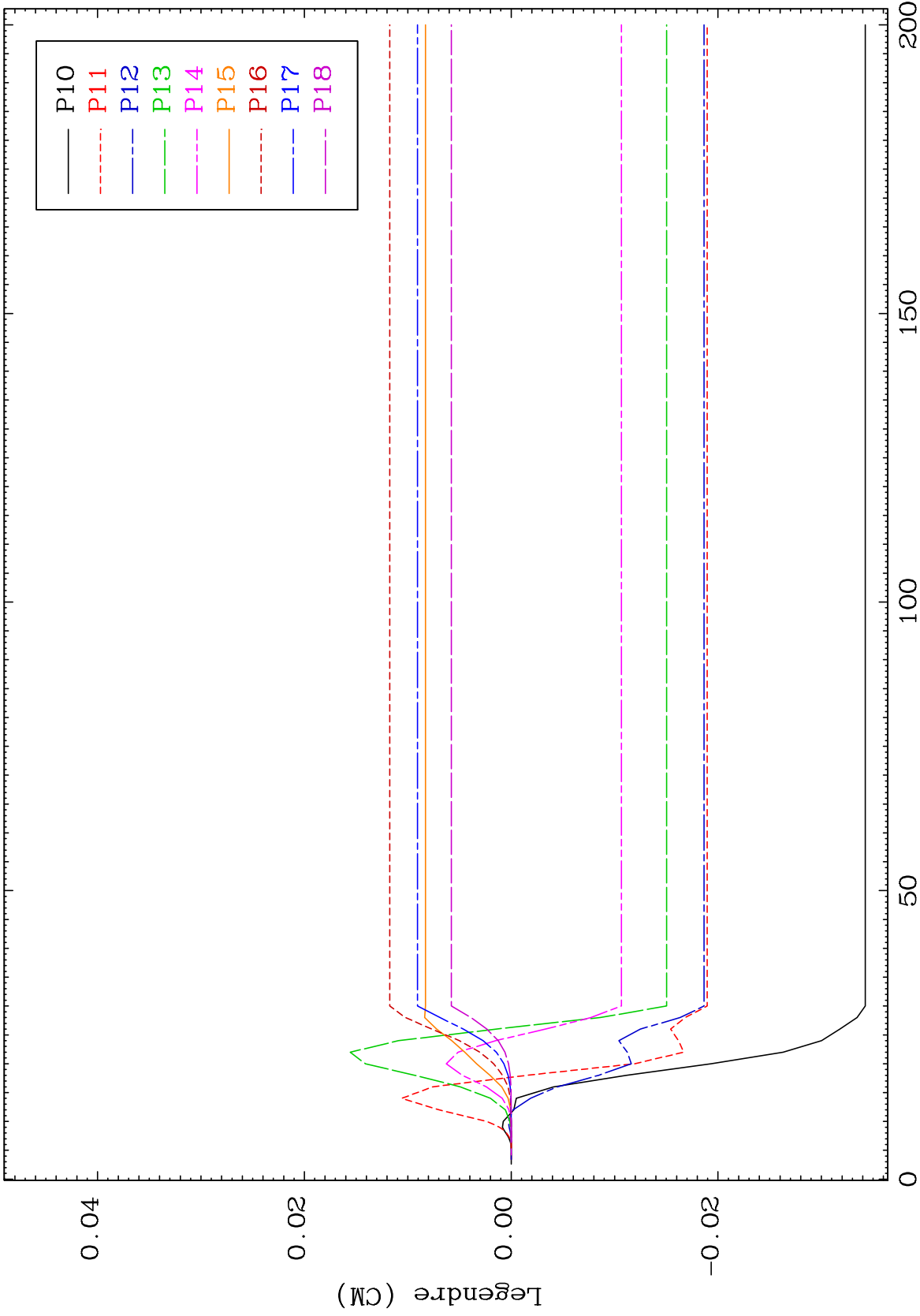


67 39-Y -93

MAT 3937

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

39-Y -93



68

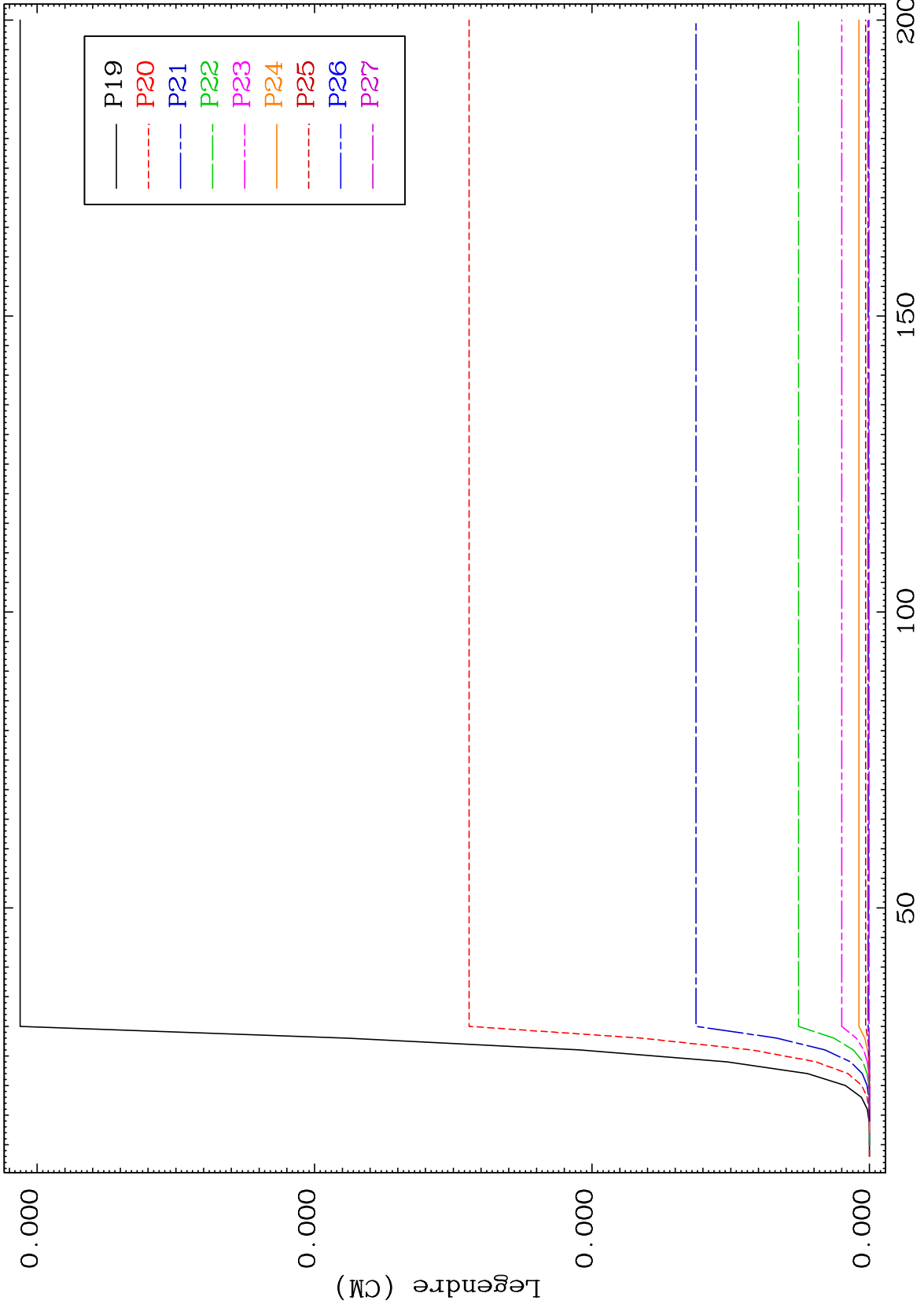
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



69

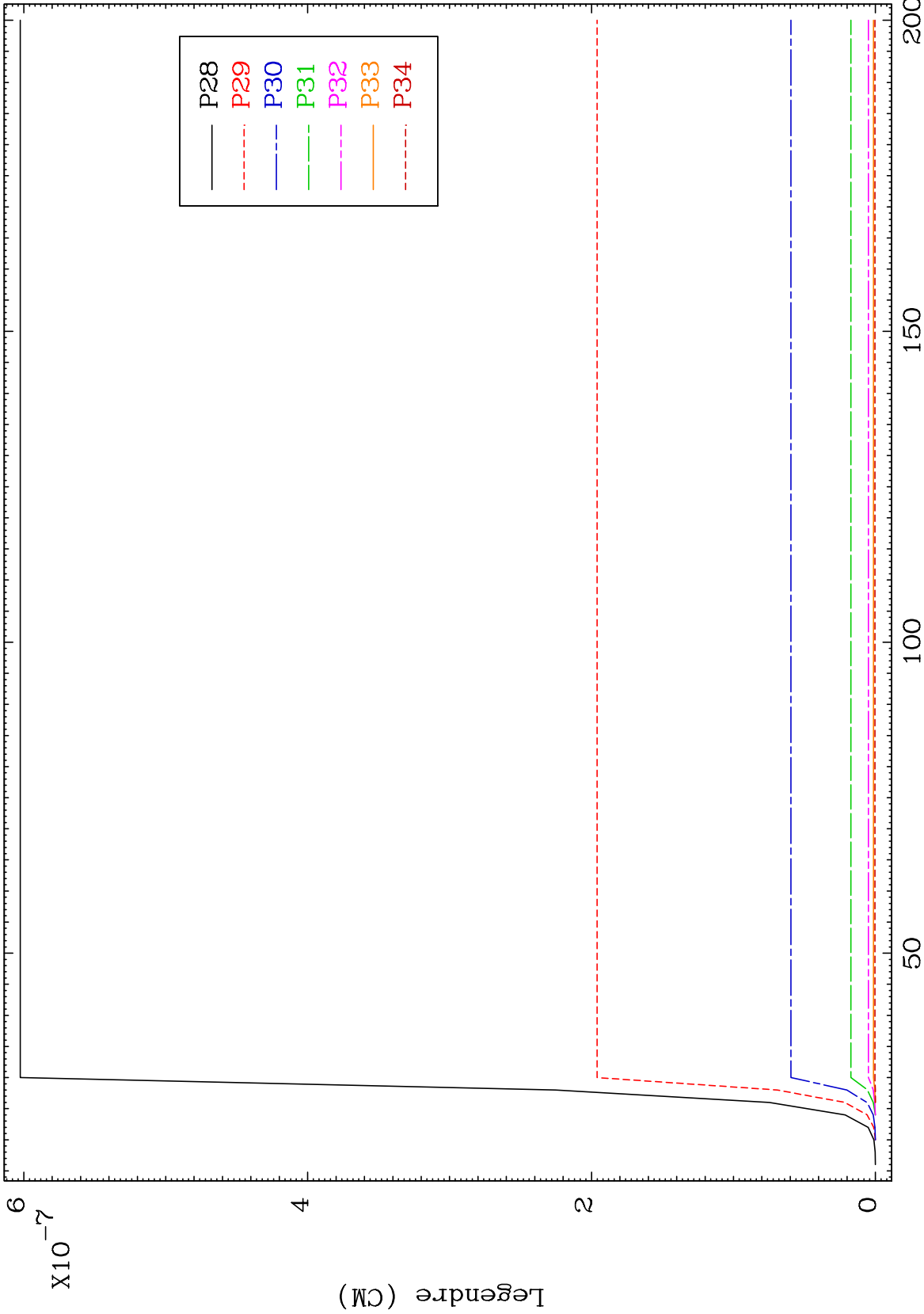
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93

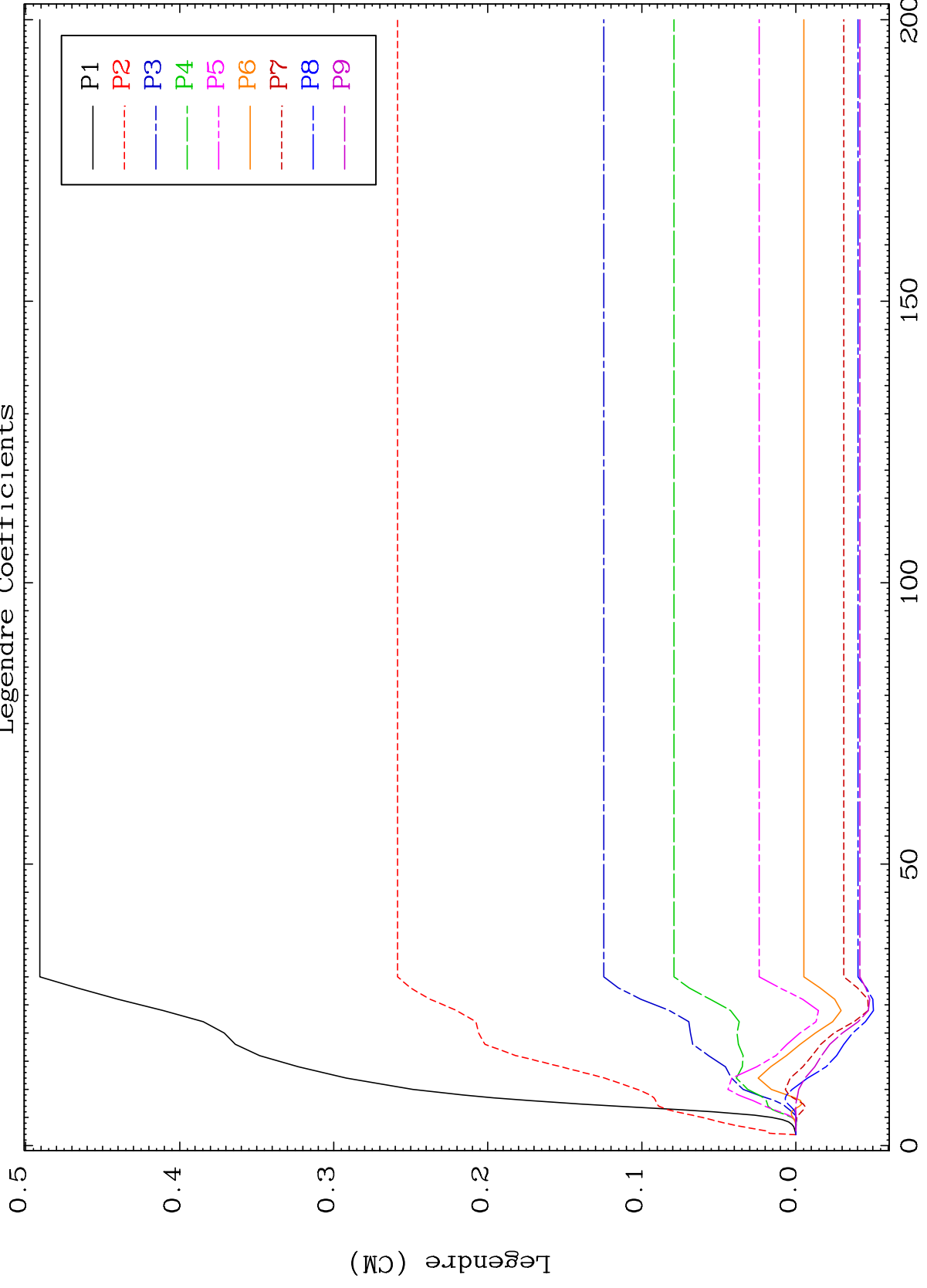


70

Incident Energy (MeV)

39-Y -93

MAT 3937 MT= 64 (n,n') Level Legendre Coefficients 39-Y -93

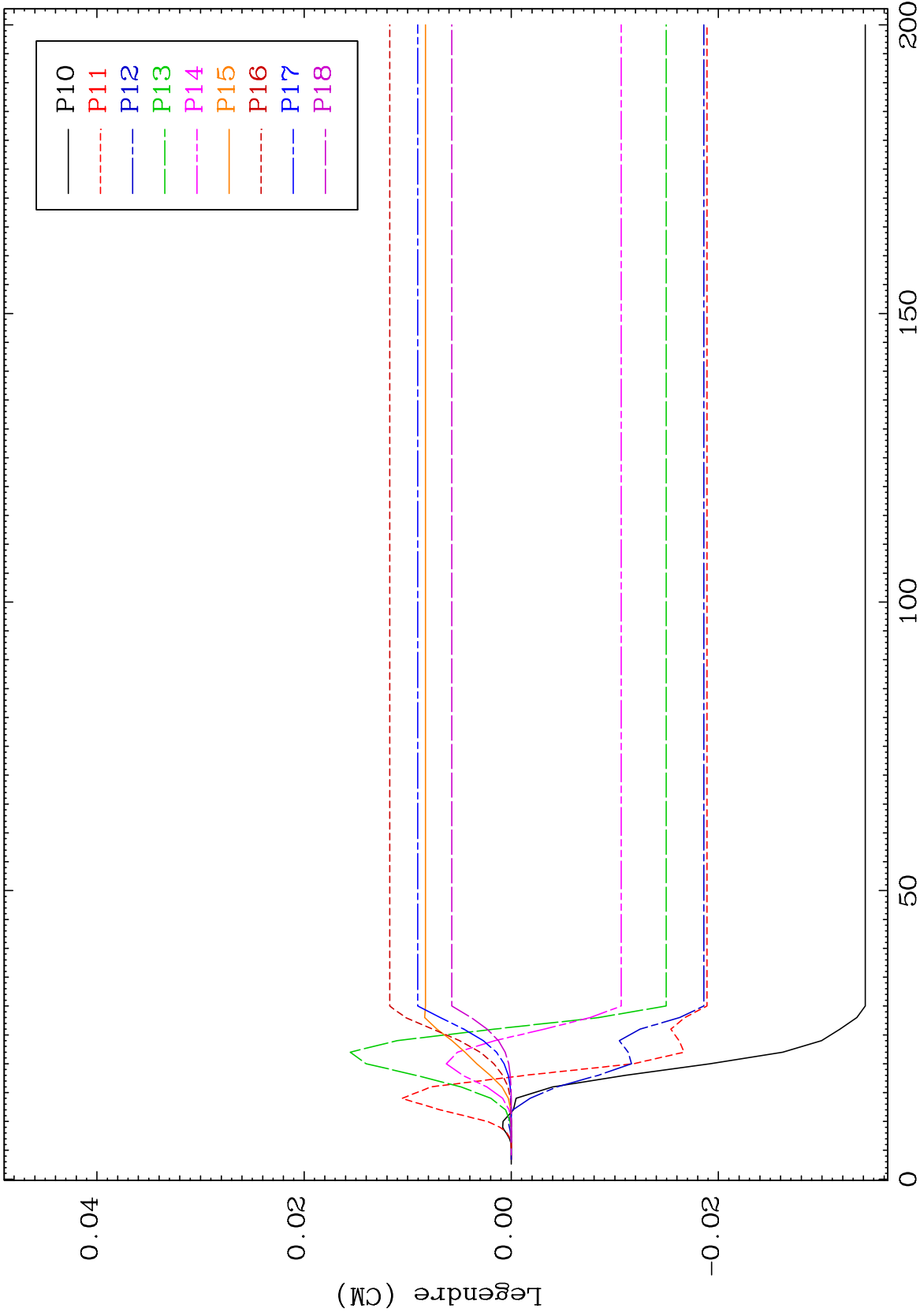


71 39-Y -93

MAT 3937

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

39-Y -93



72

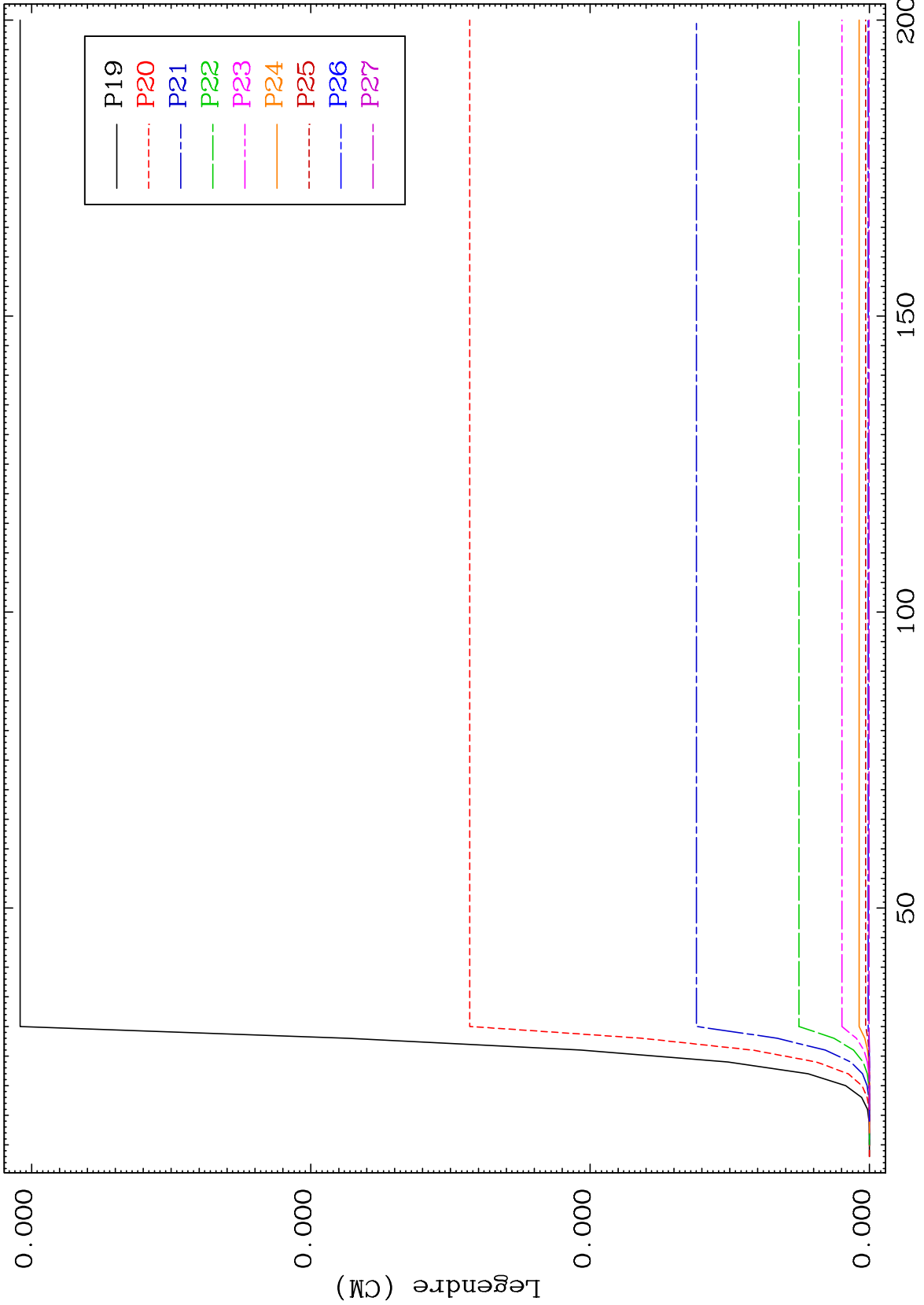
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



73

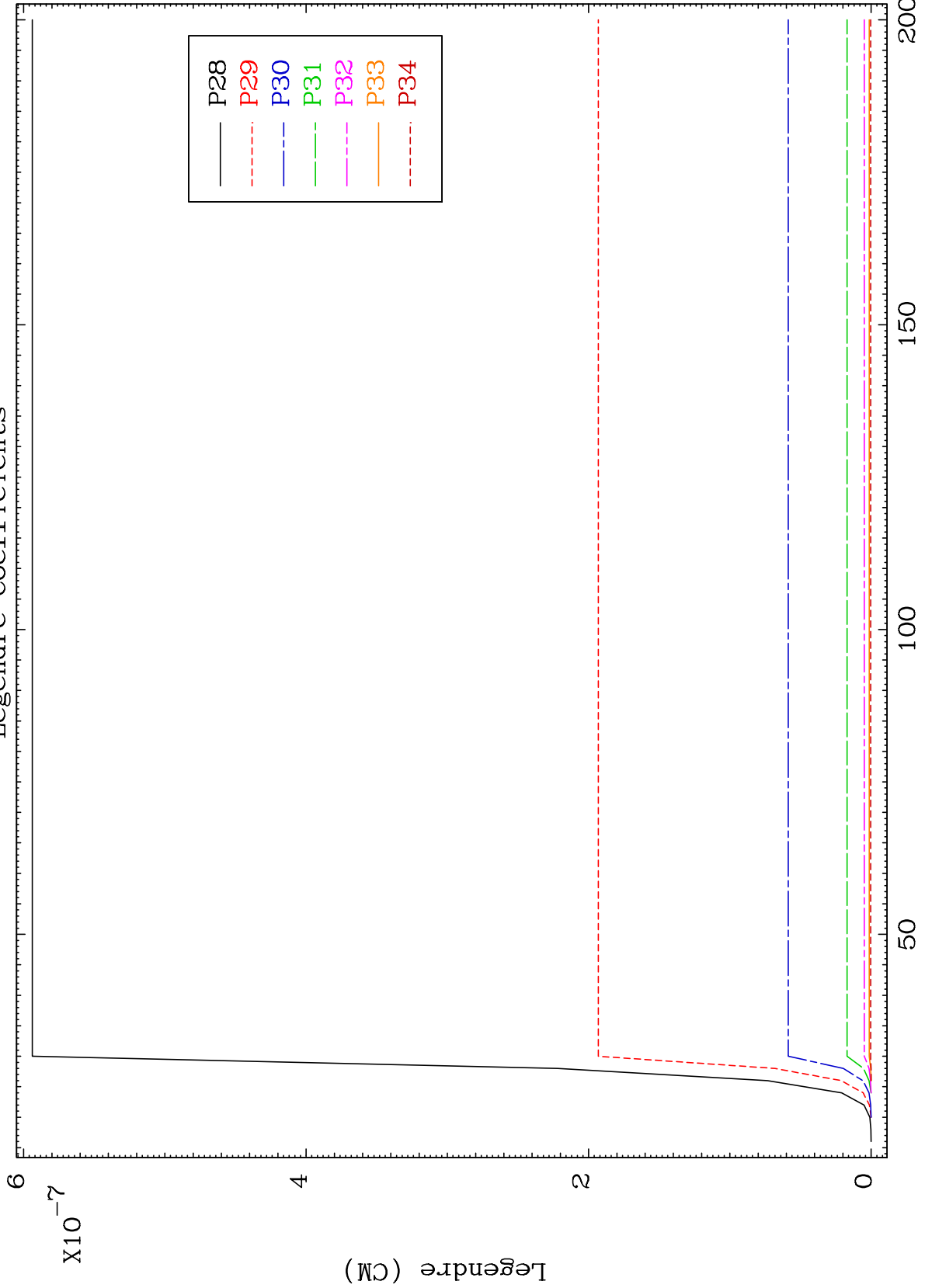
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



74

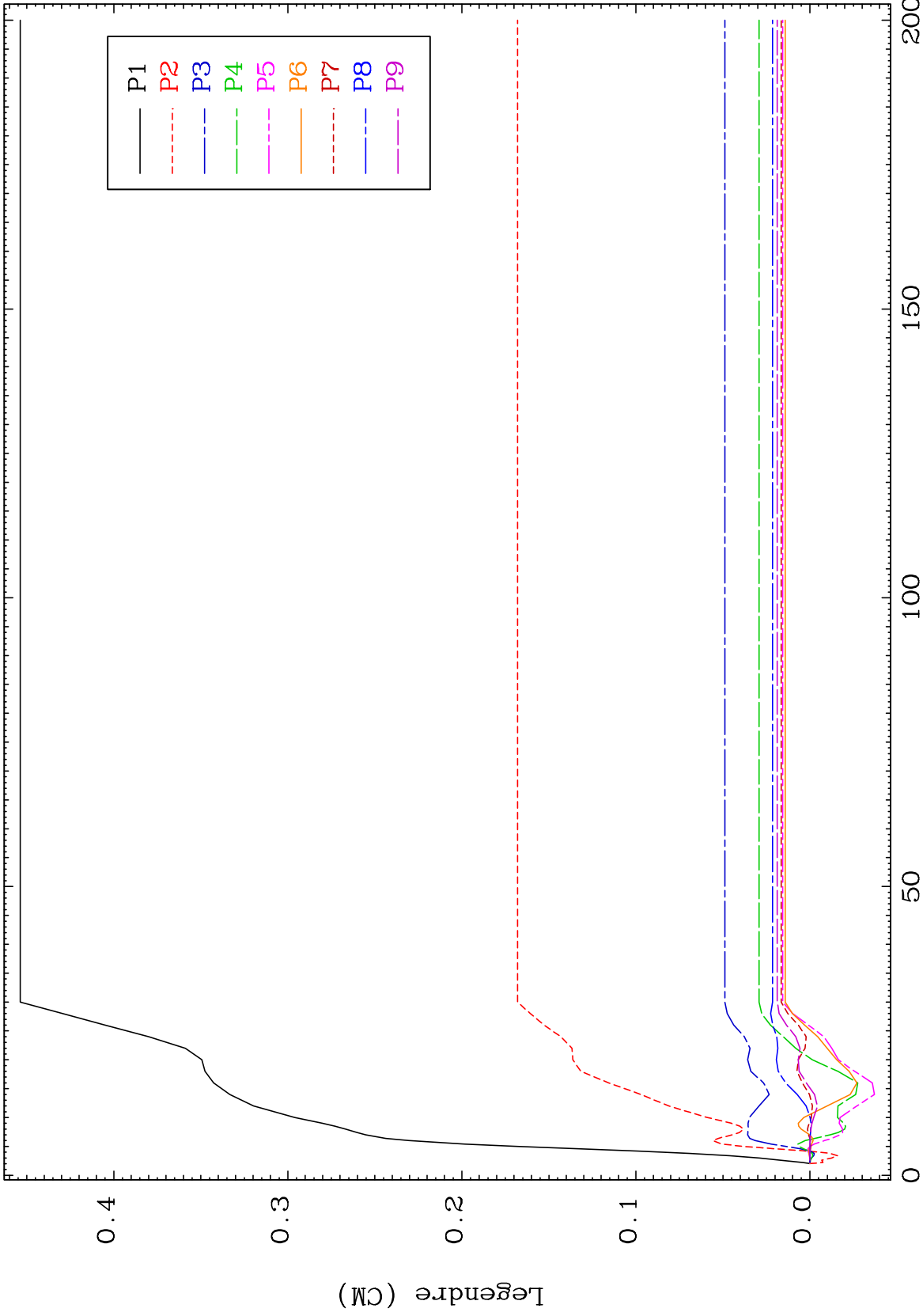
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



75

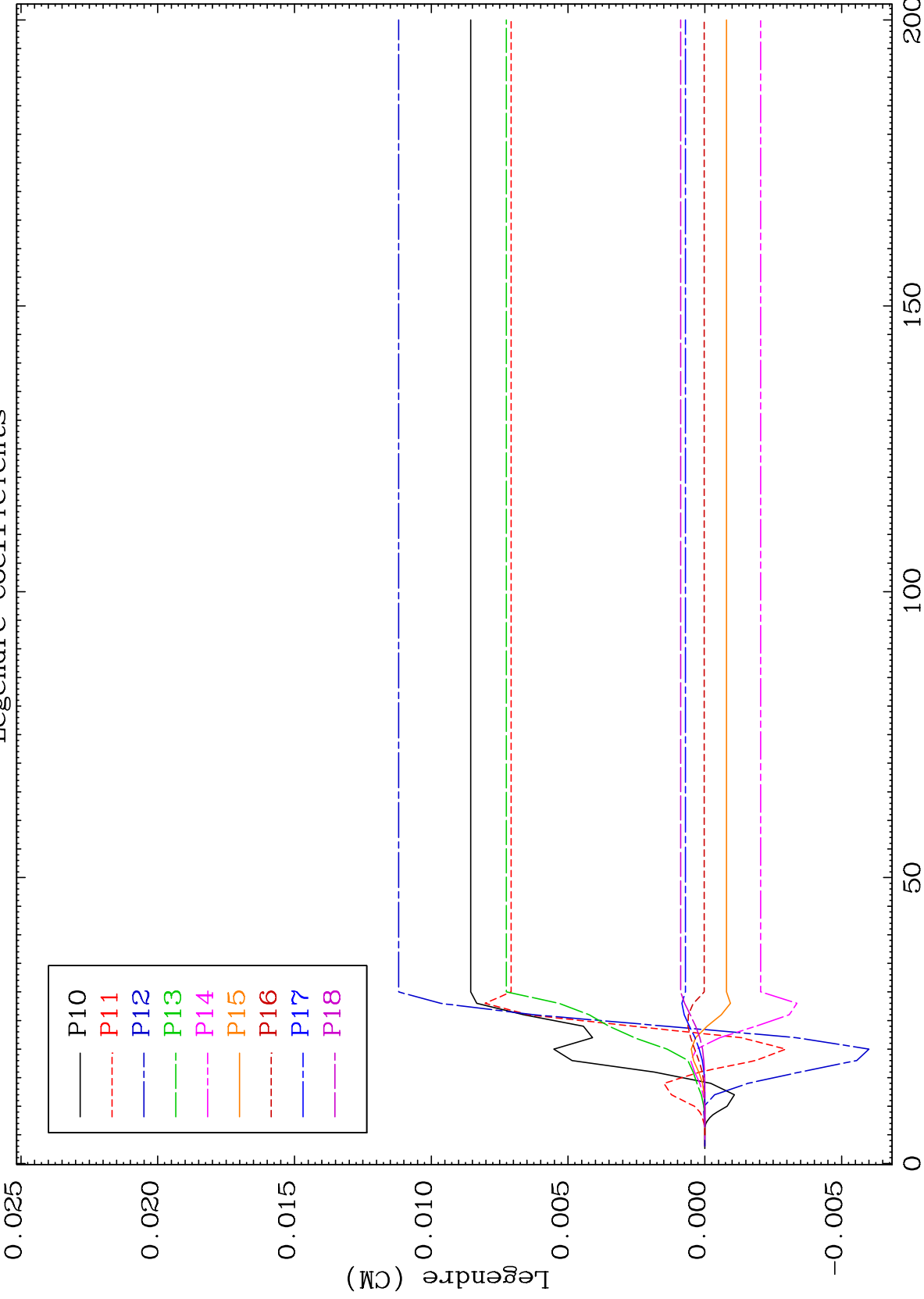
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



76

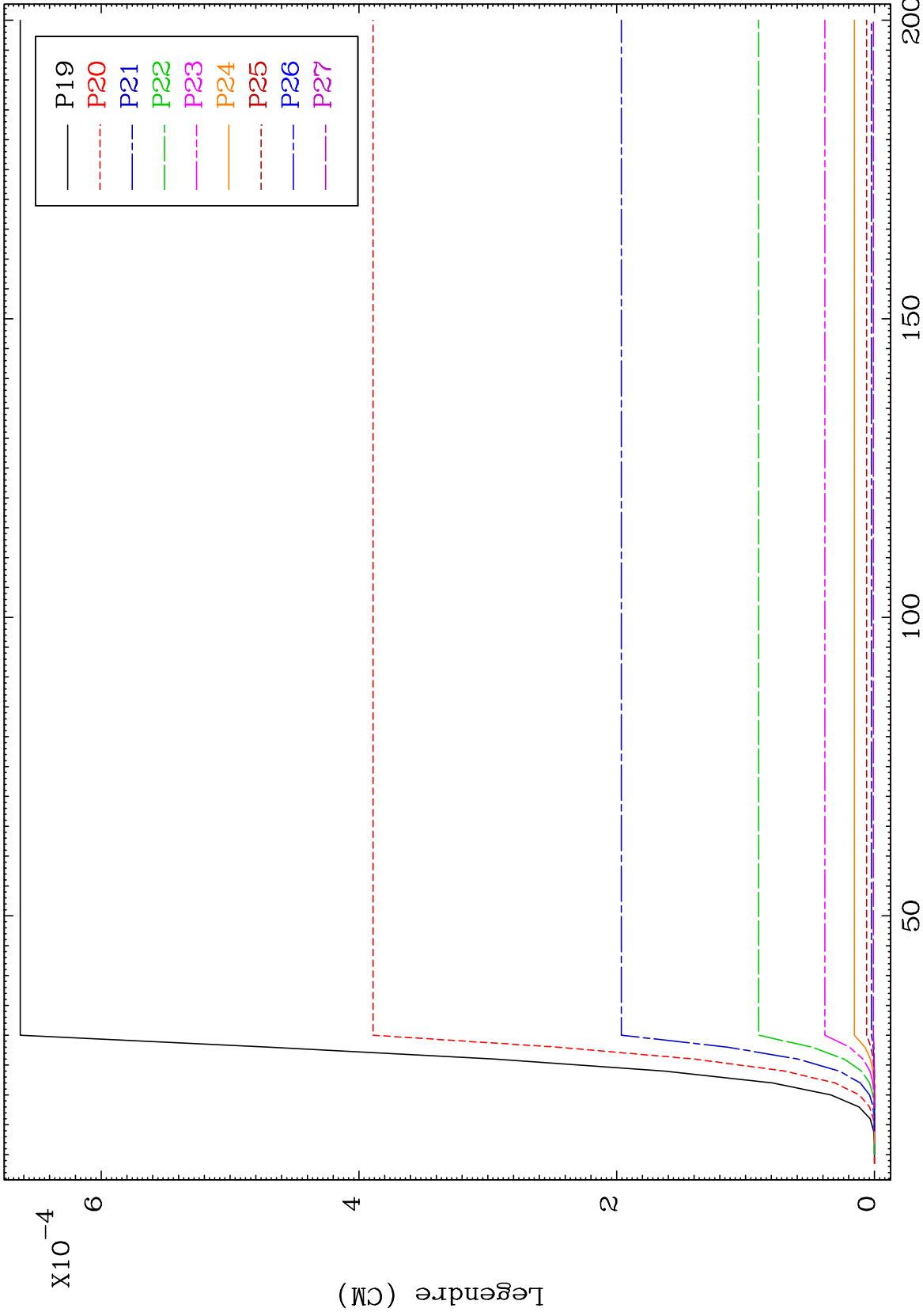
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



77

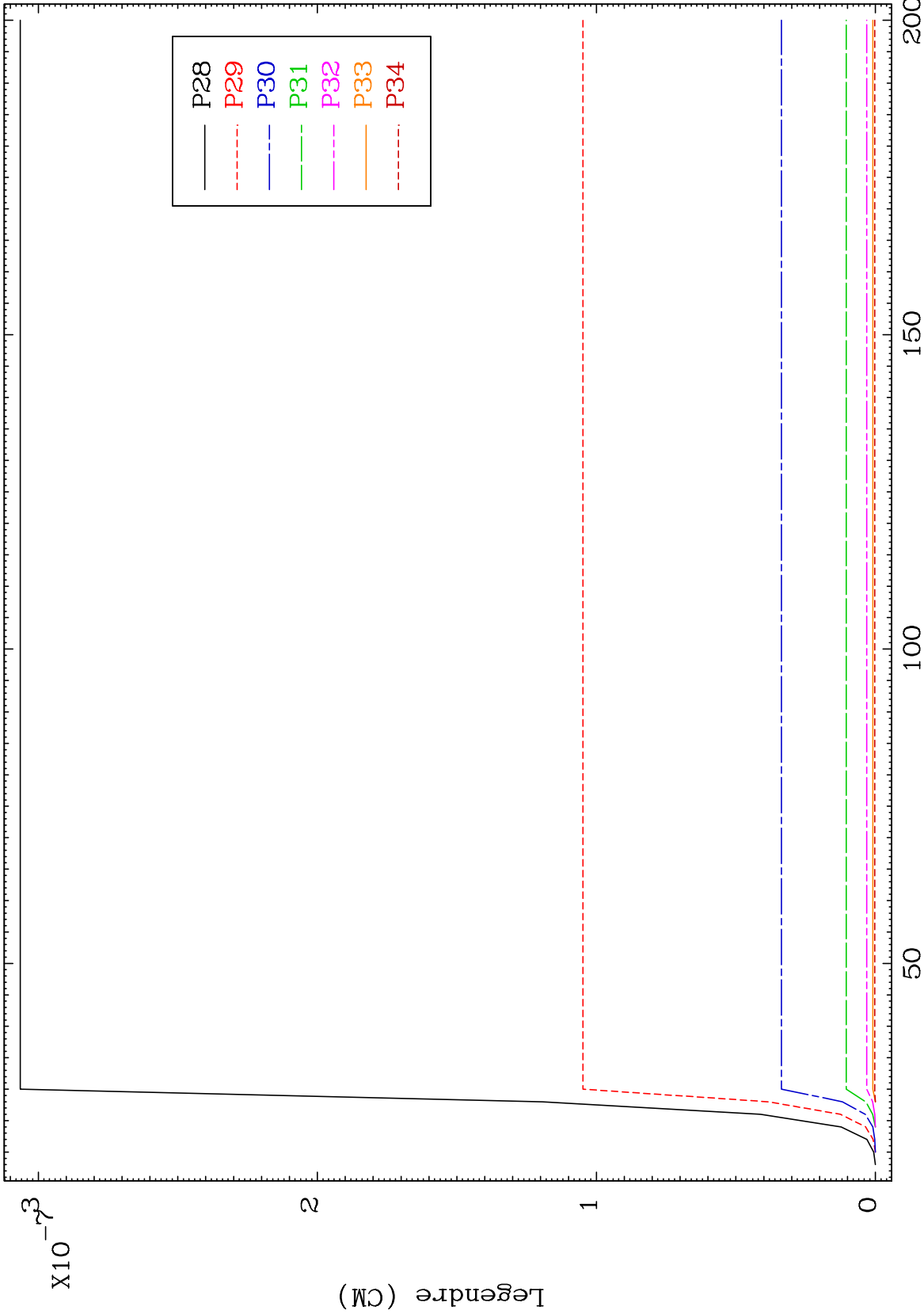
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



78

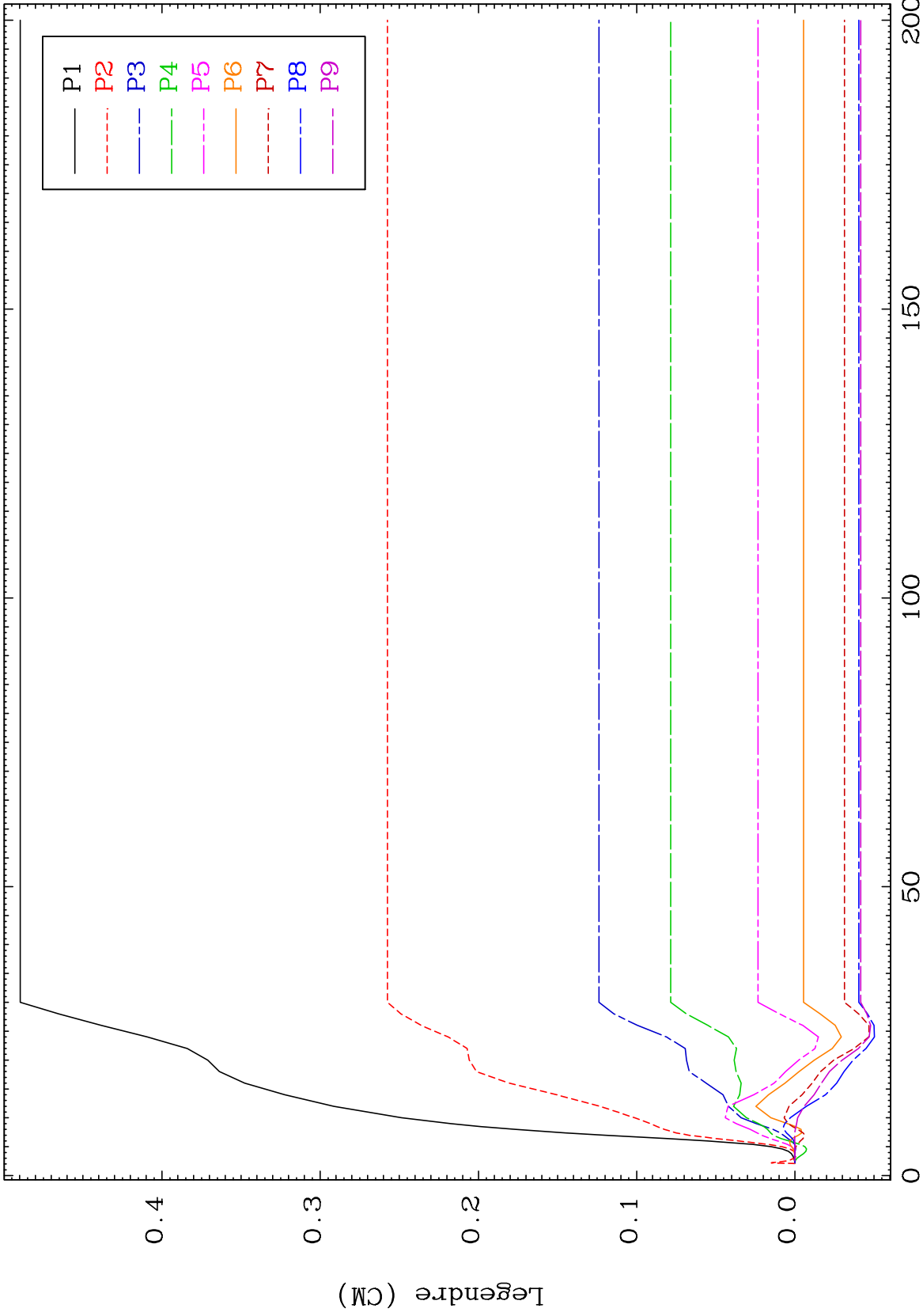
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



79

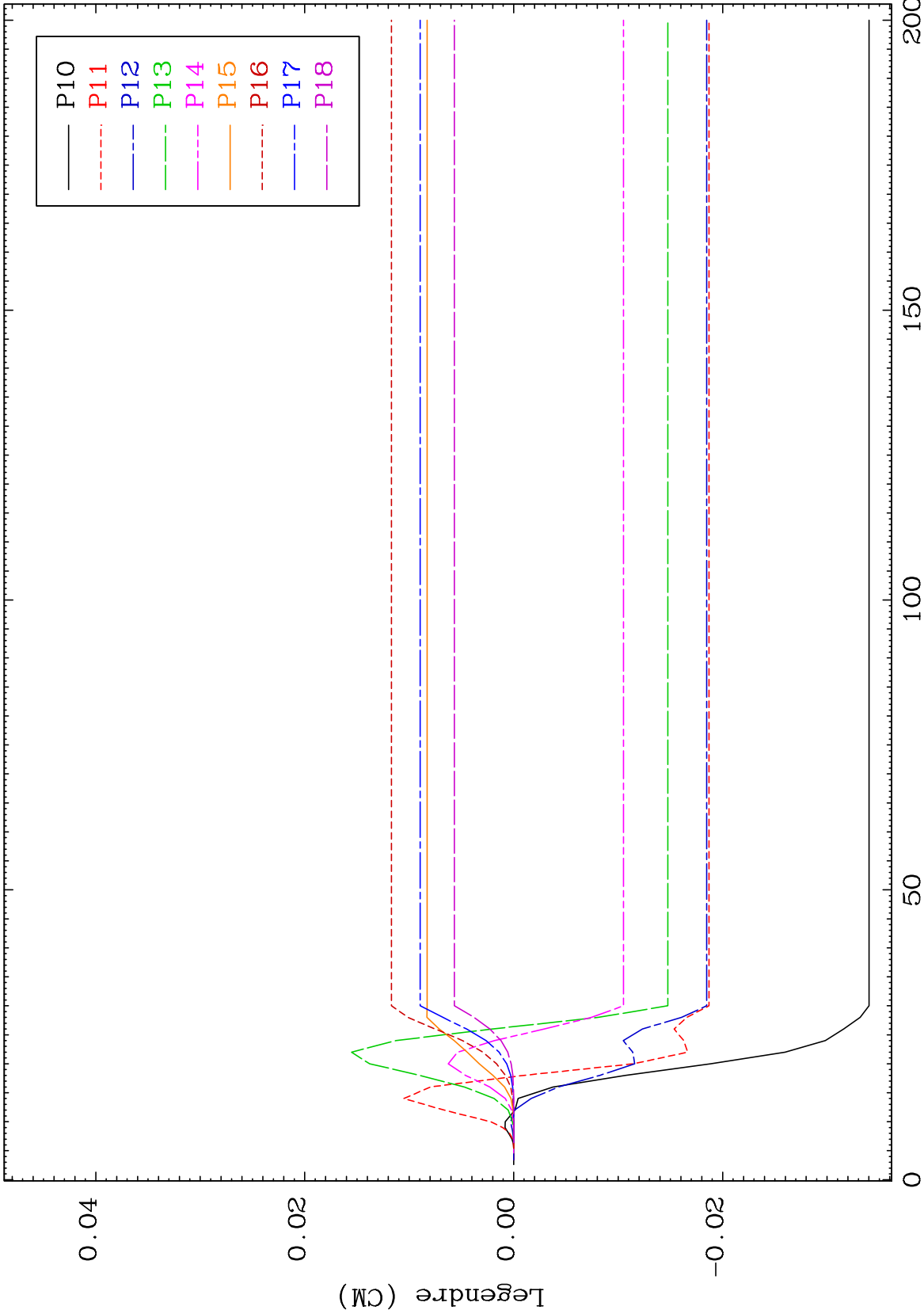
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93

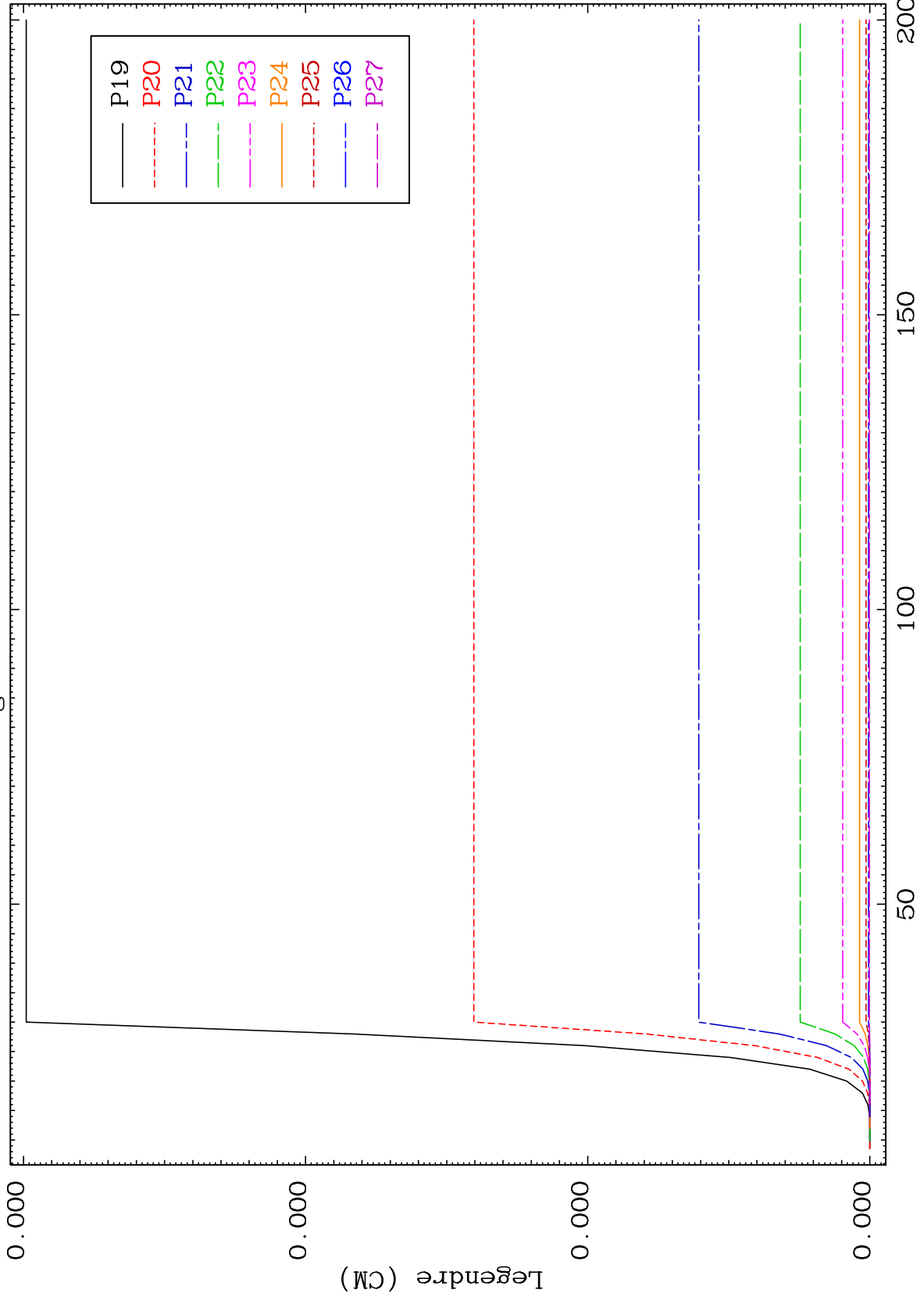


80

Incident Energy (MeV)

39-Y -93

MAT 3937 MT= 66 (n,n') Level Legendre Coefficients 39-Y -93

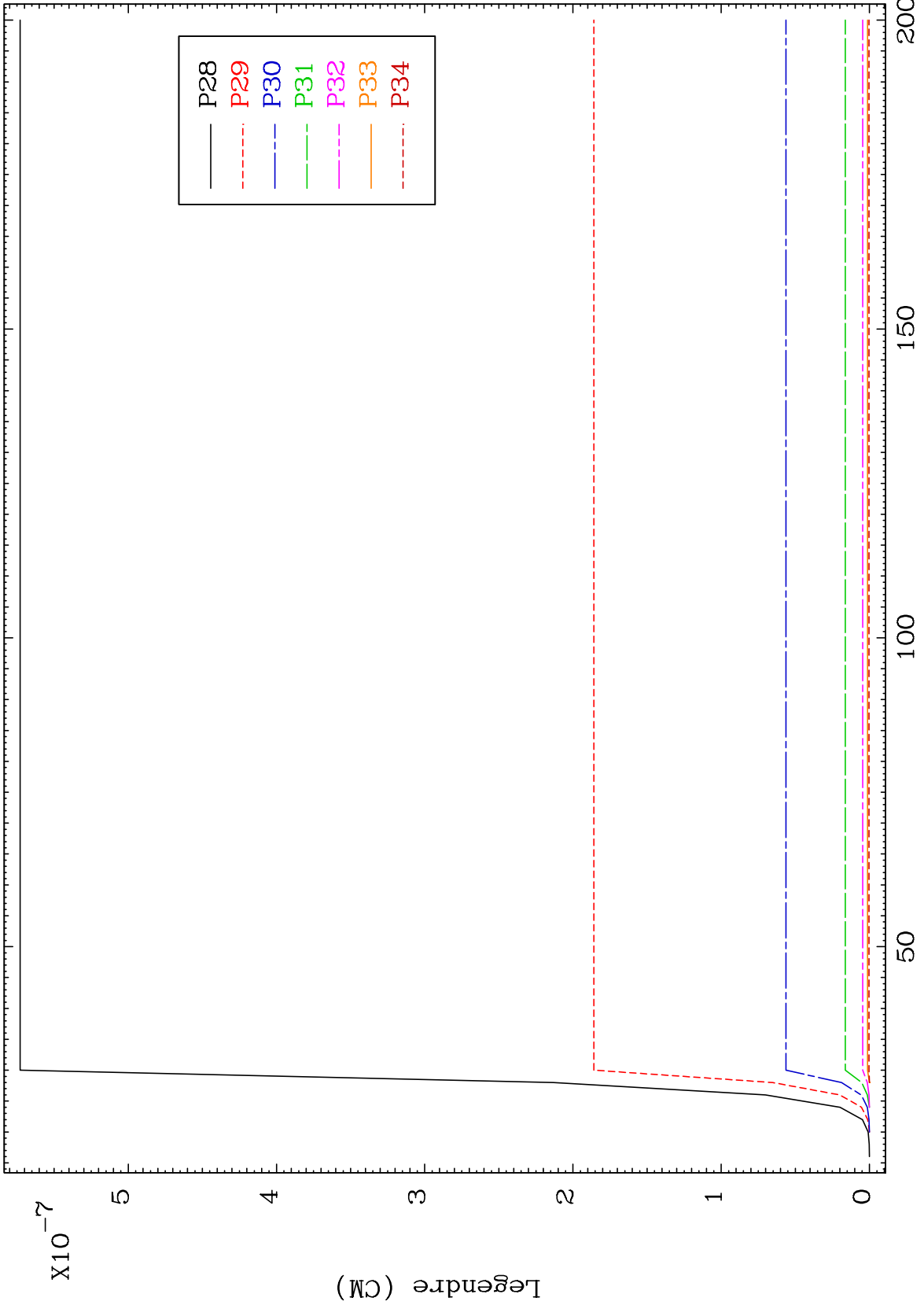


81 39-Y -93

MAT 3937

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

39-Y -93



82

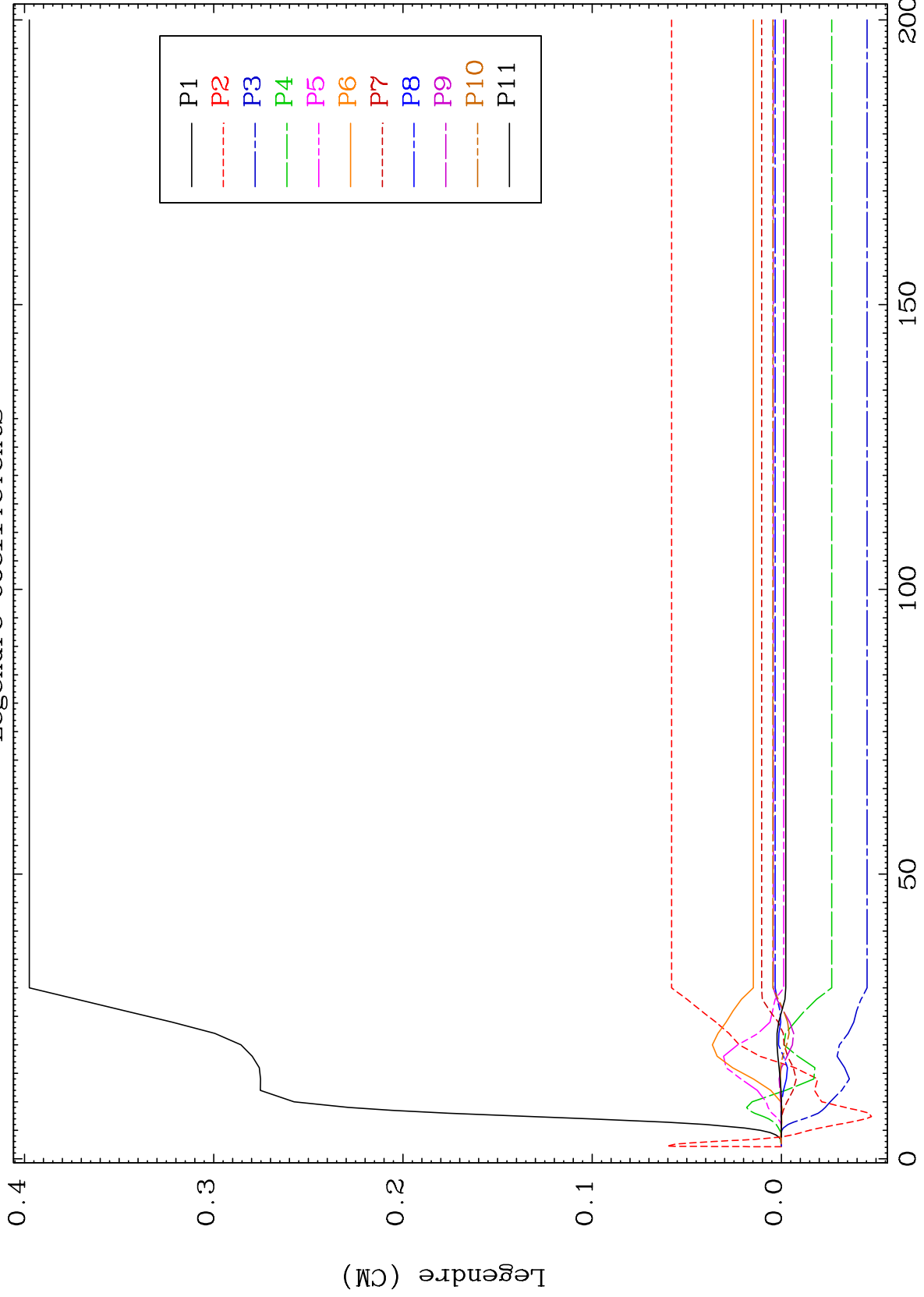
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



83

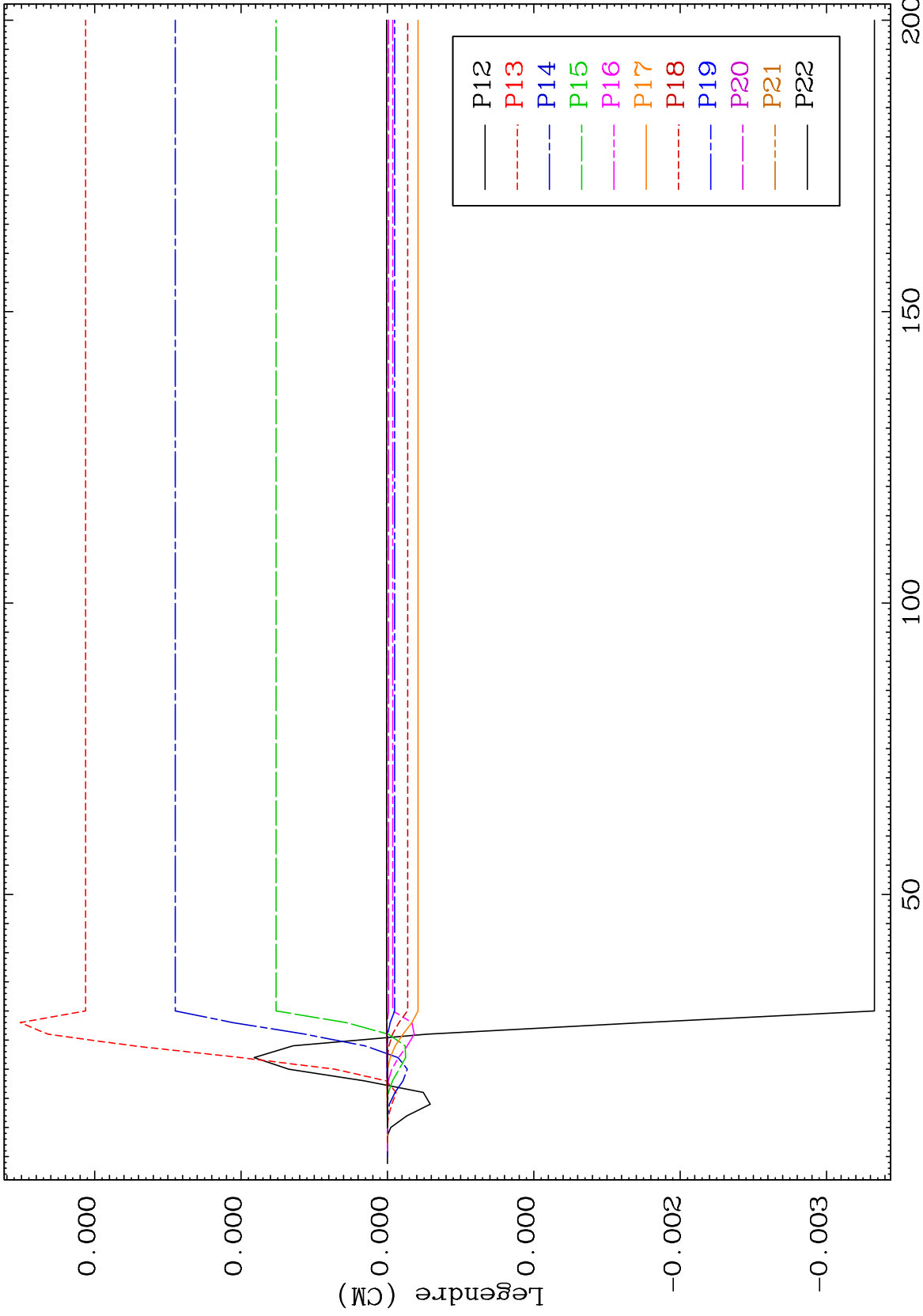
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



84

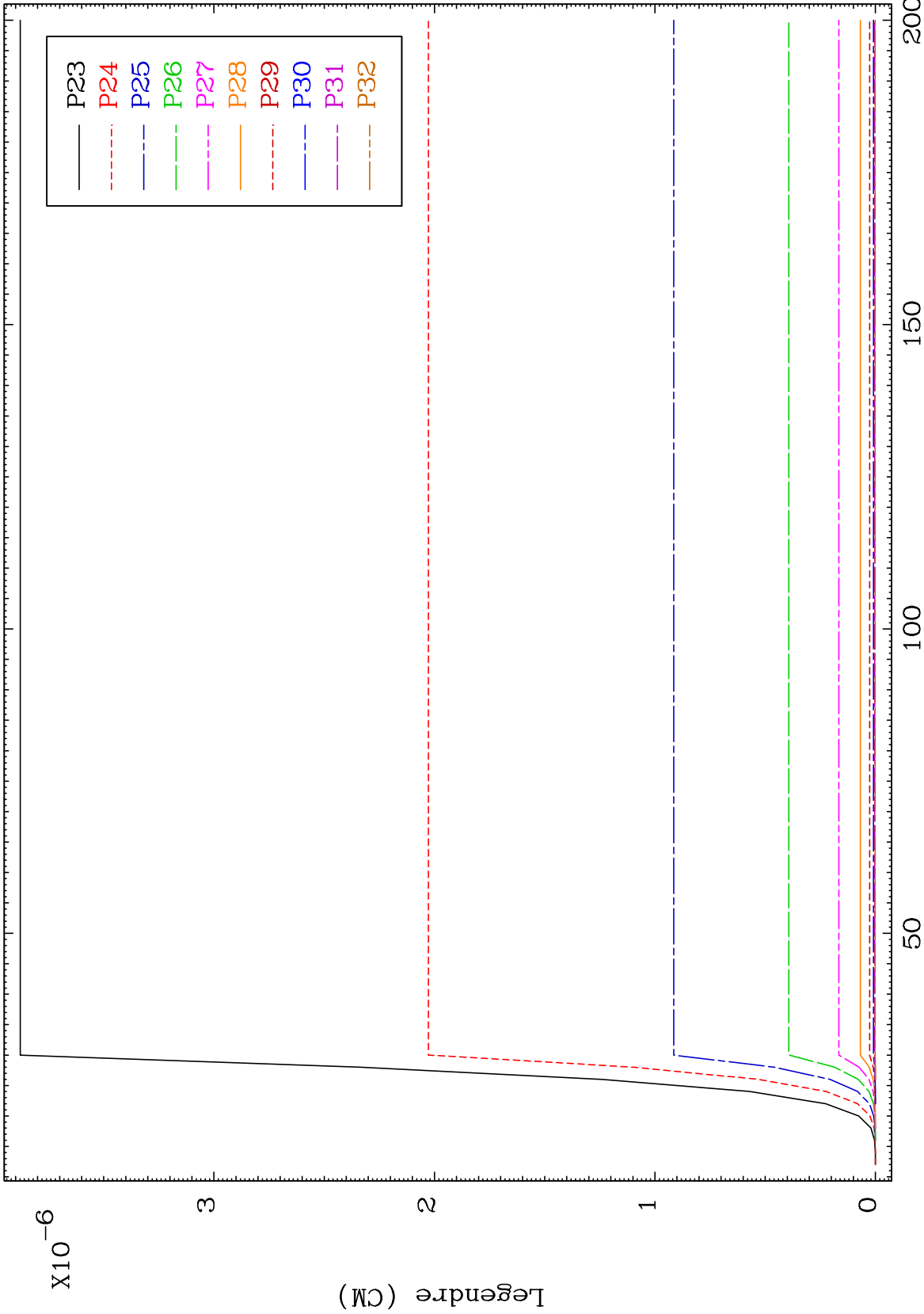
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



85

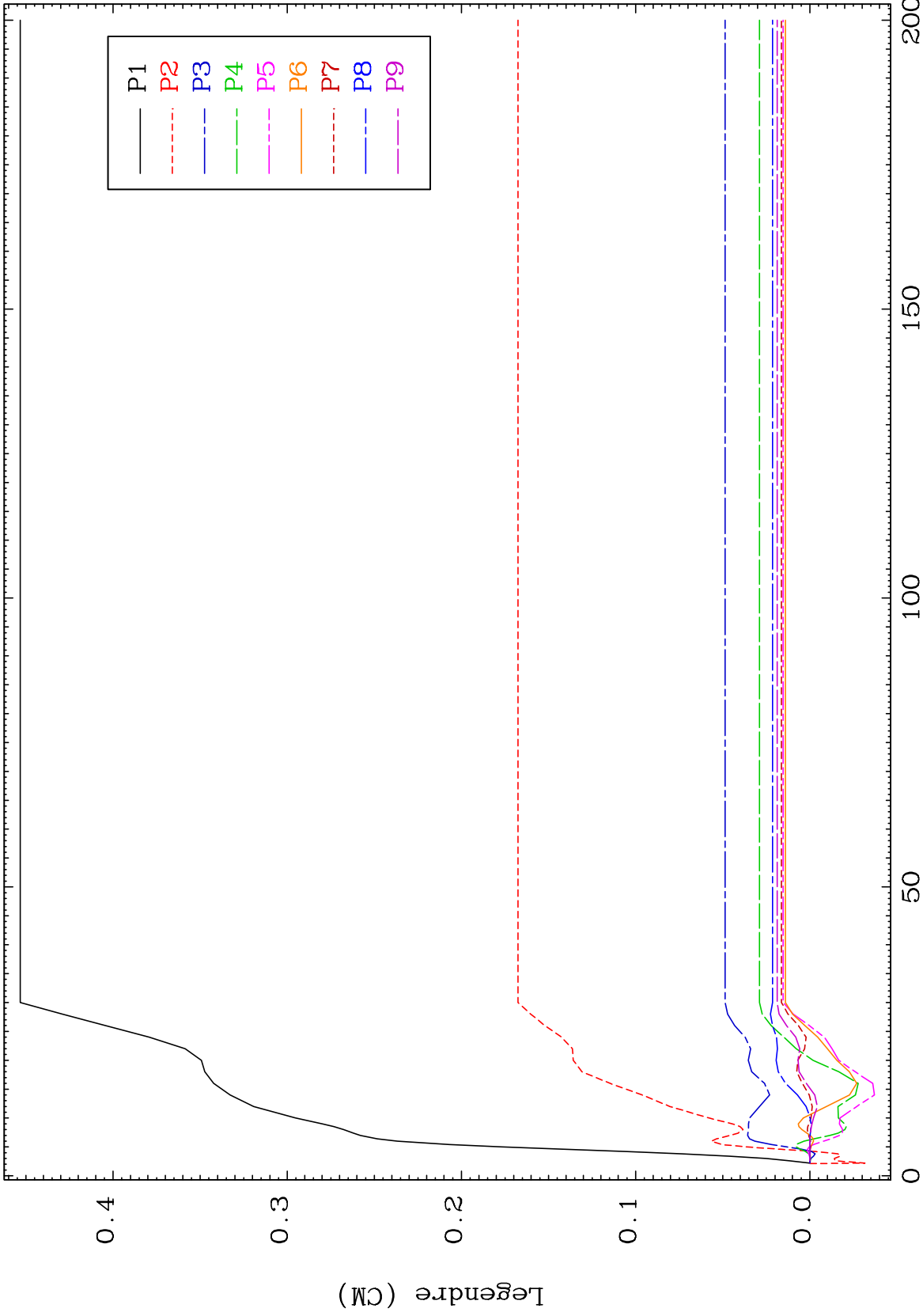
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



86

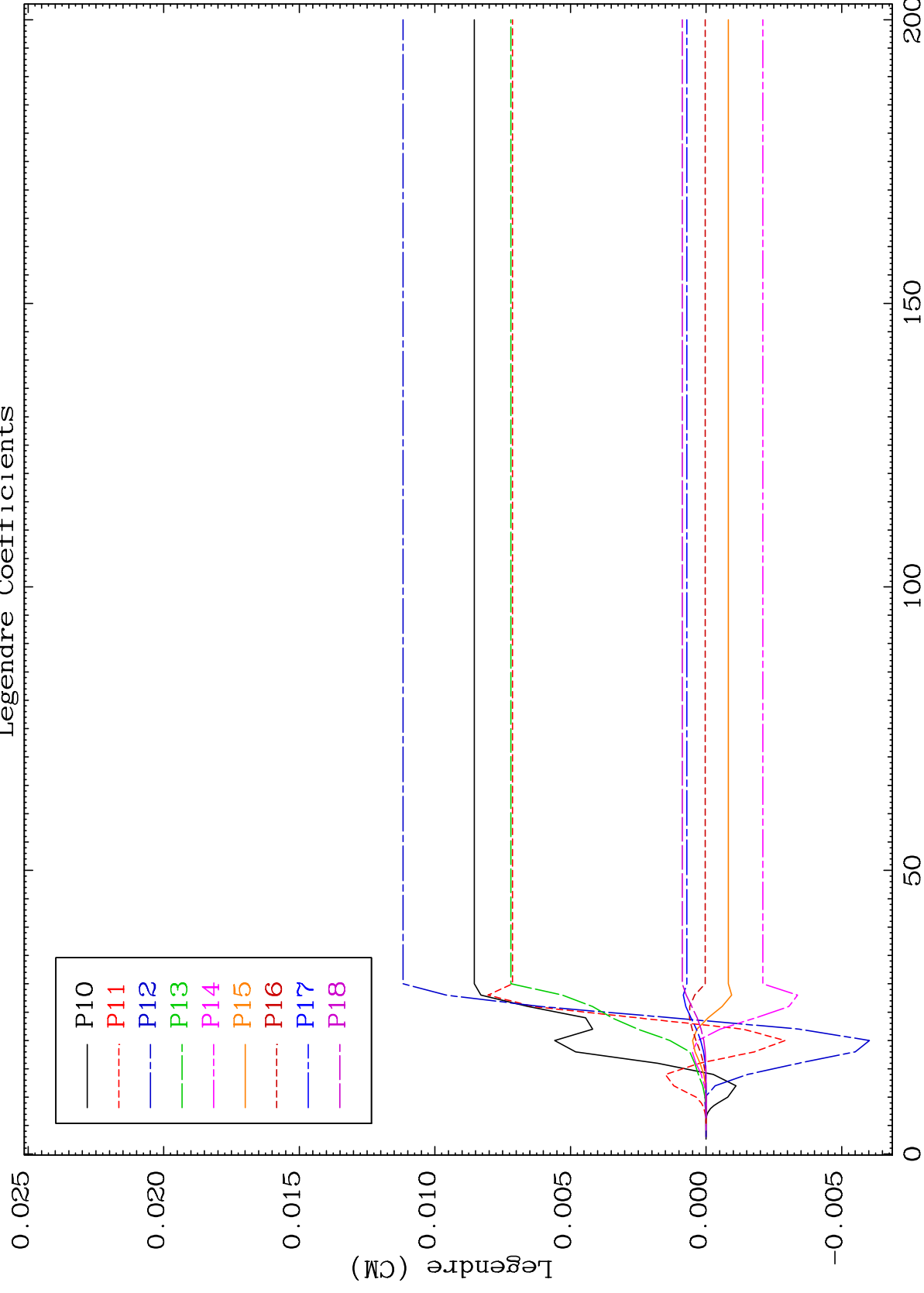
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



87

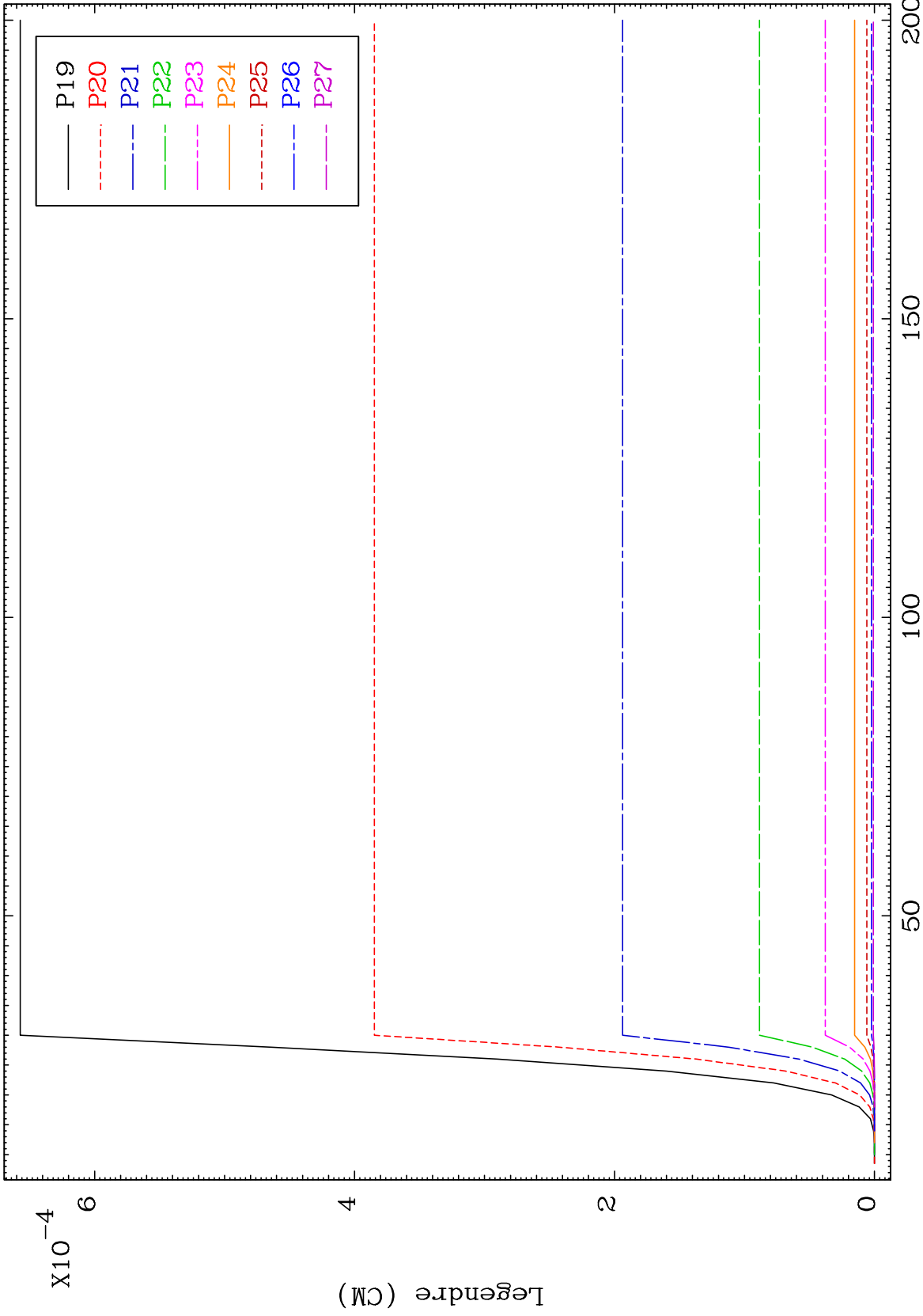
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



88

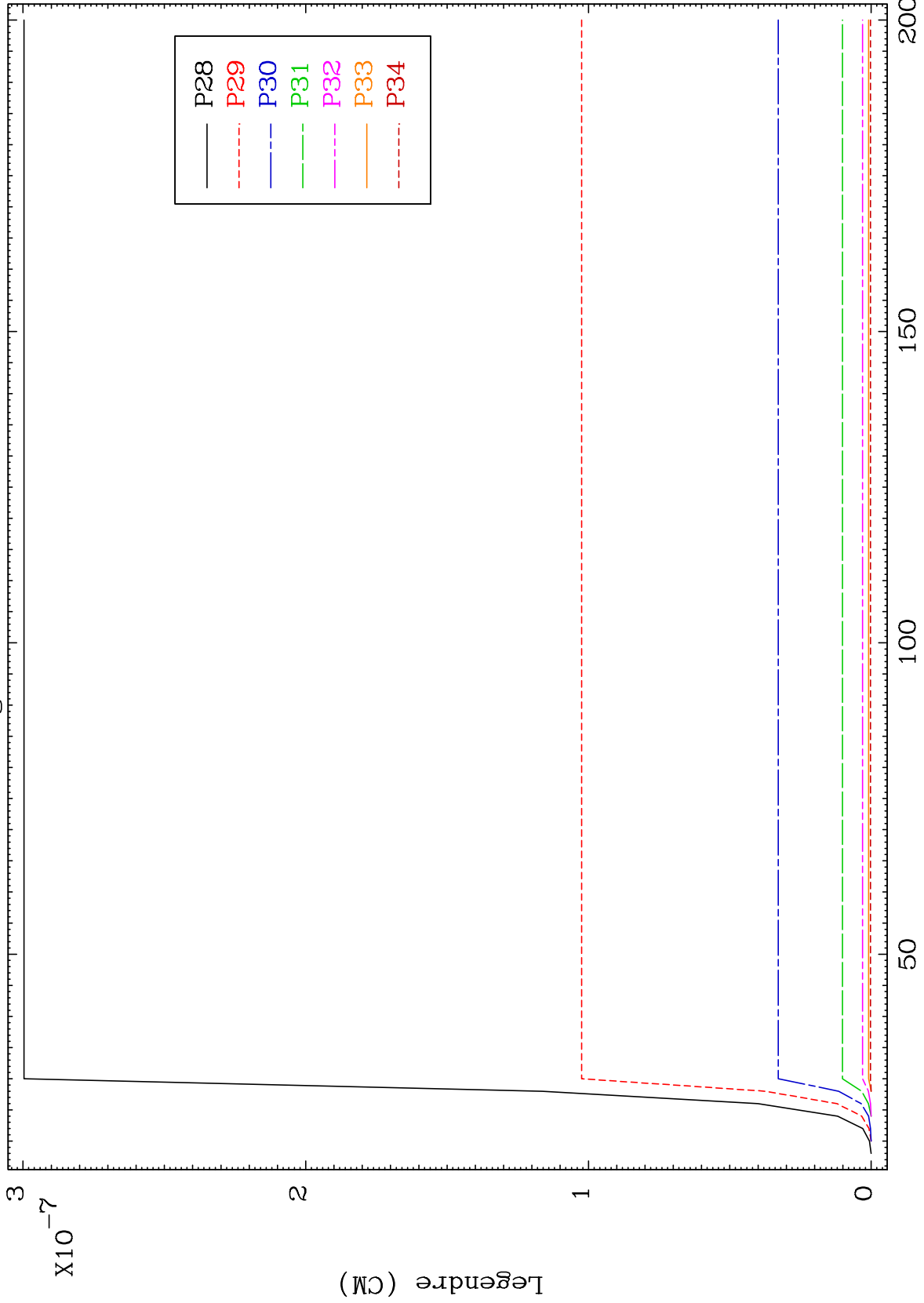
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



89

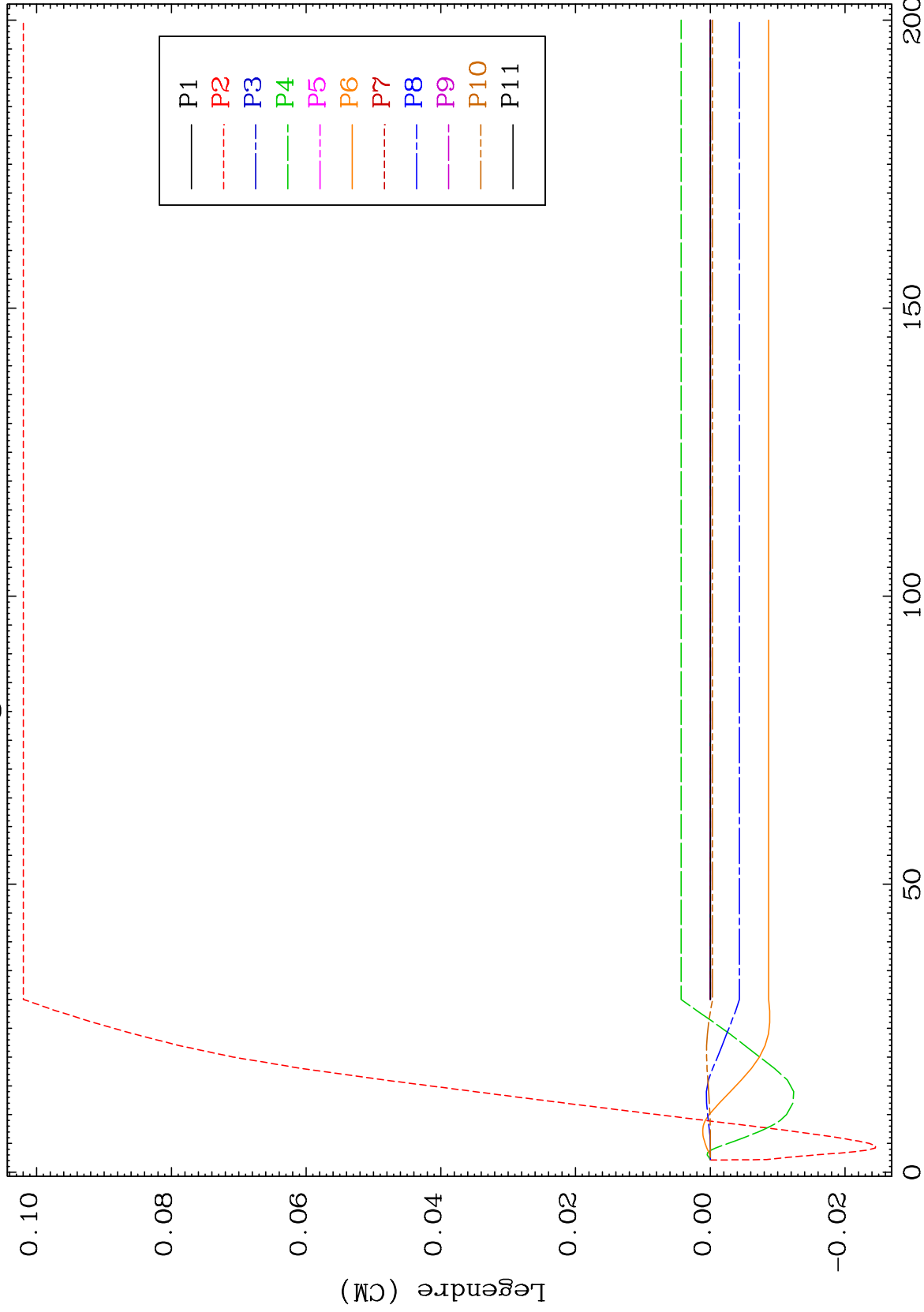
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



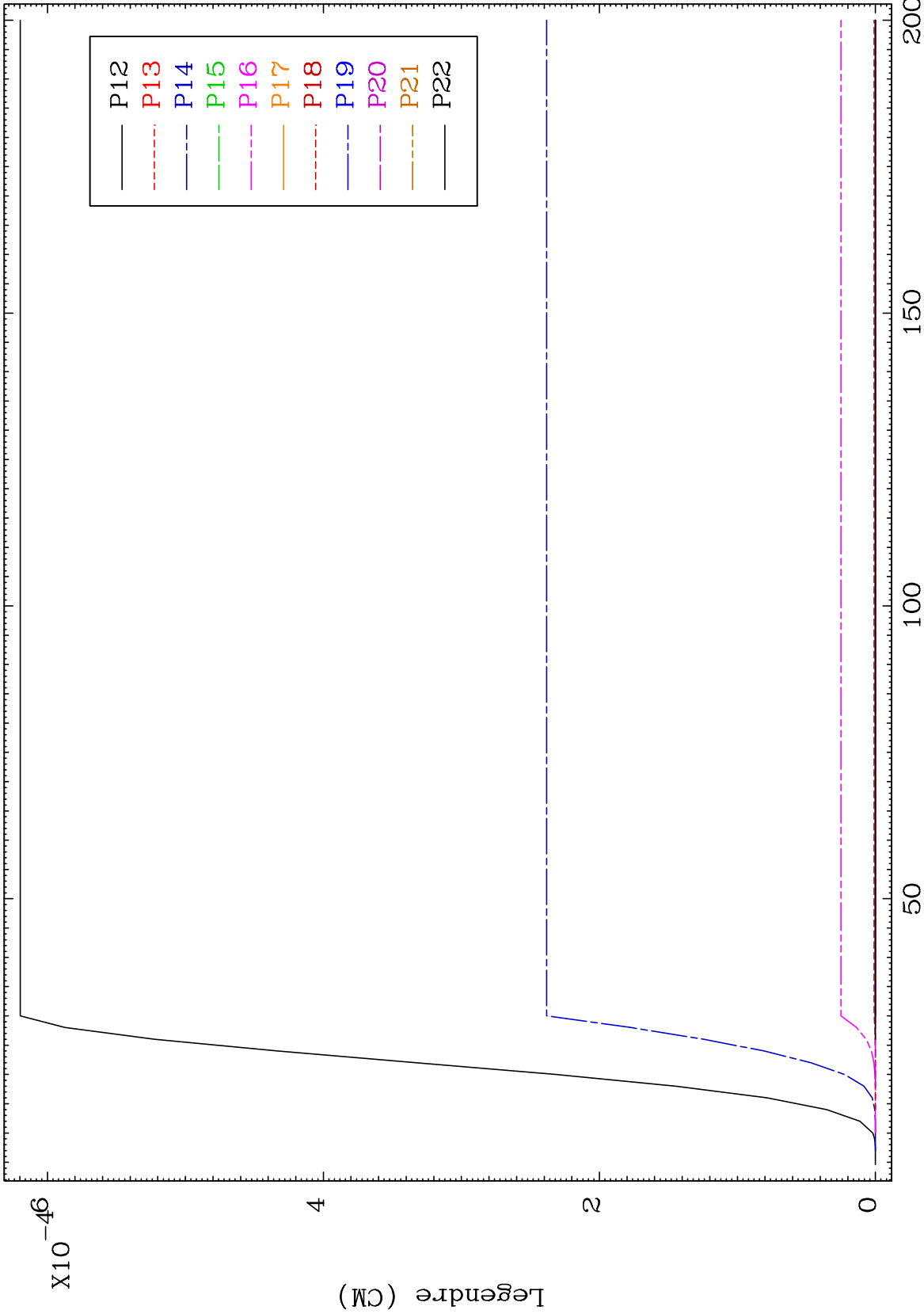
39-Y -93

Incident Energy (MeV)

MAT 3937

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

39-Y -93



91

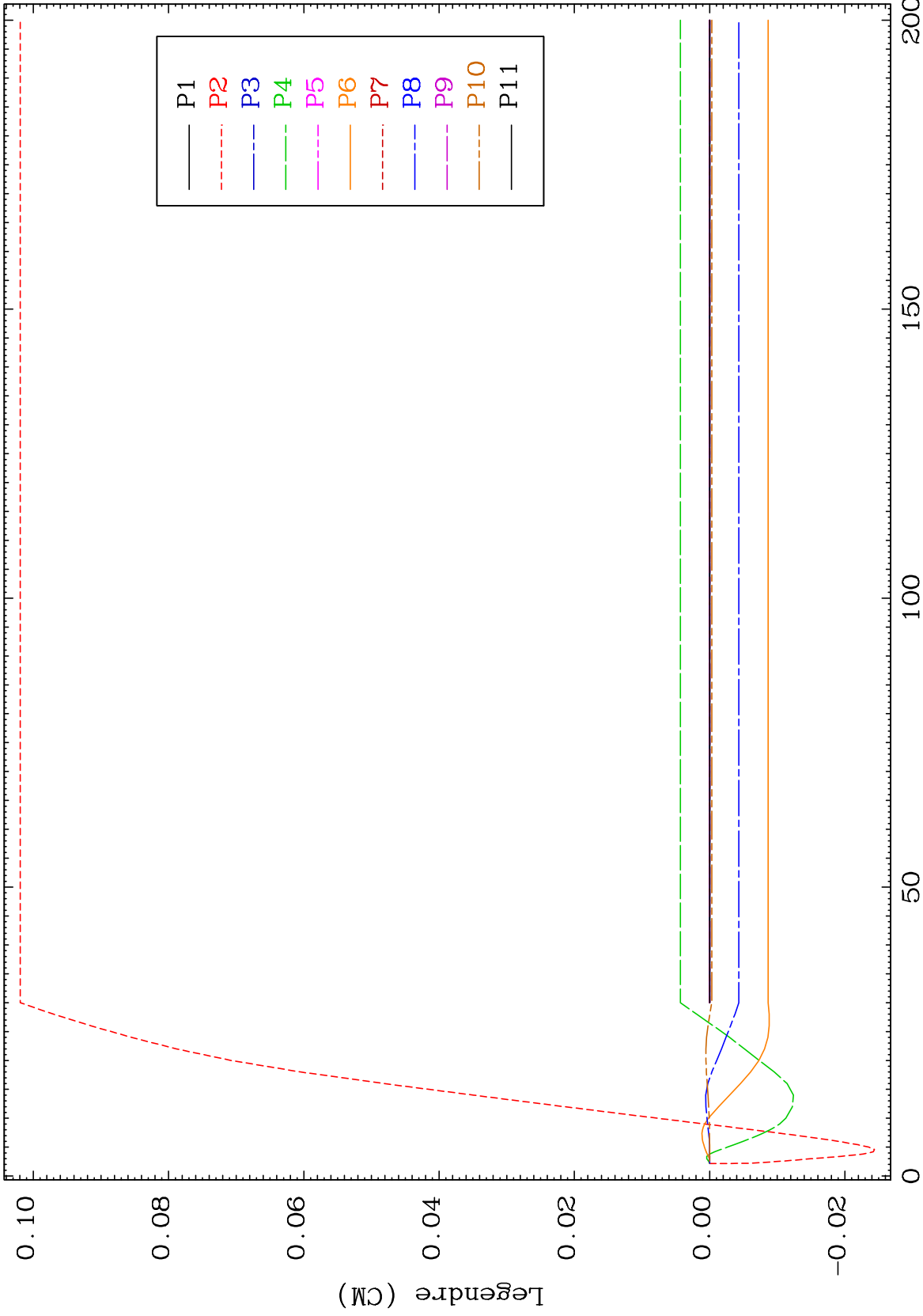
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



92

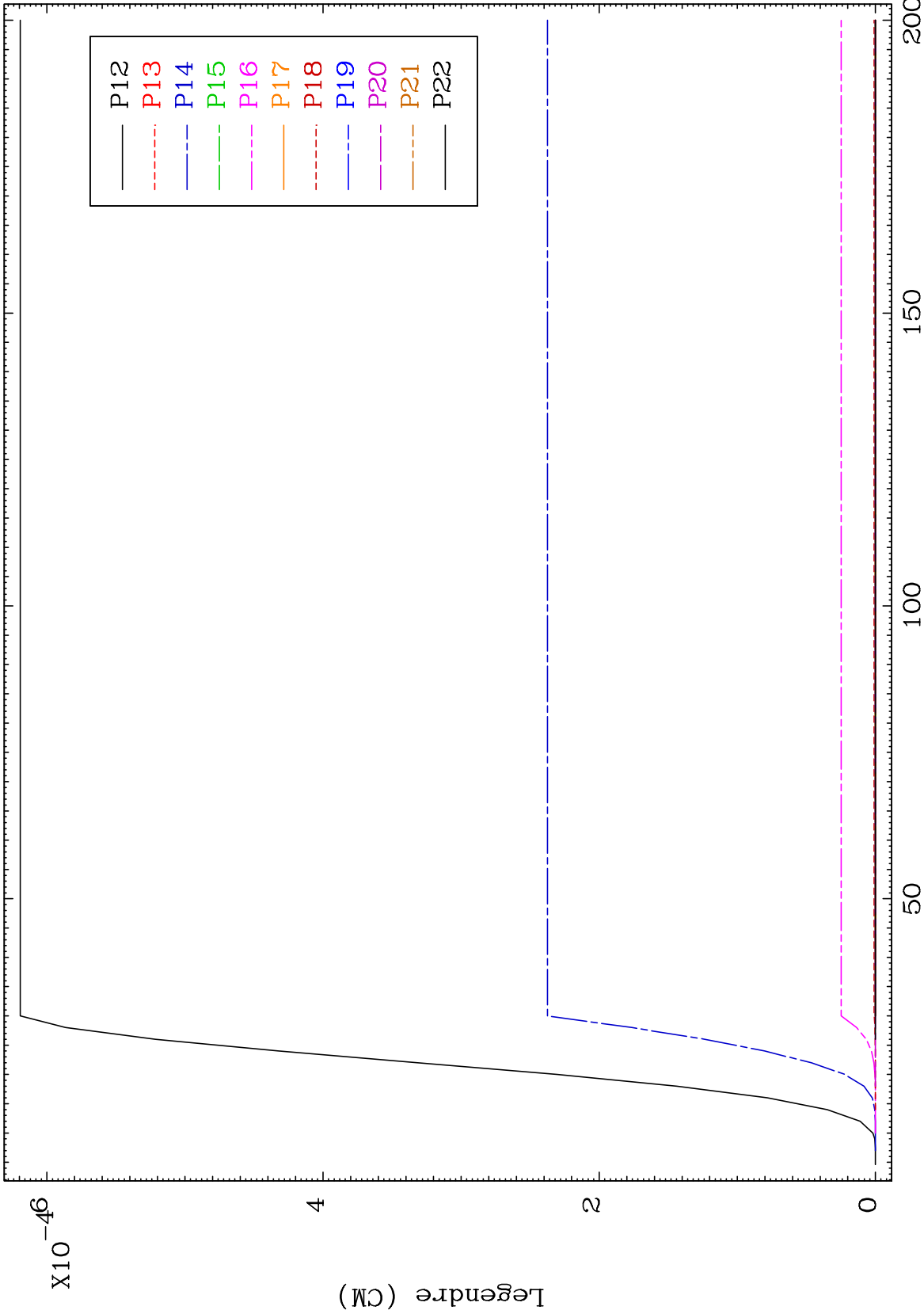
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



93

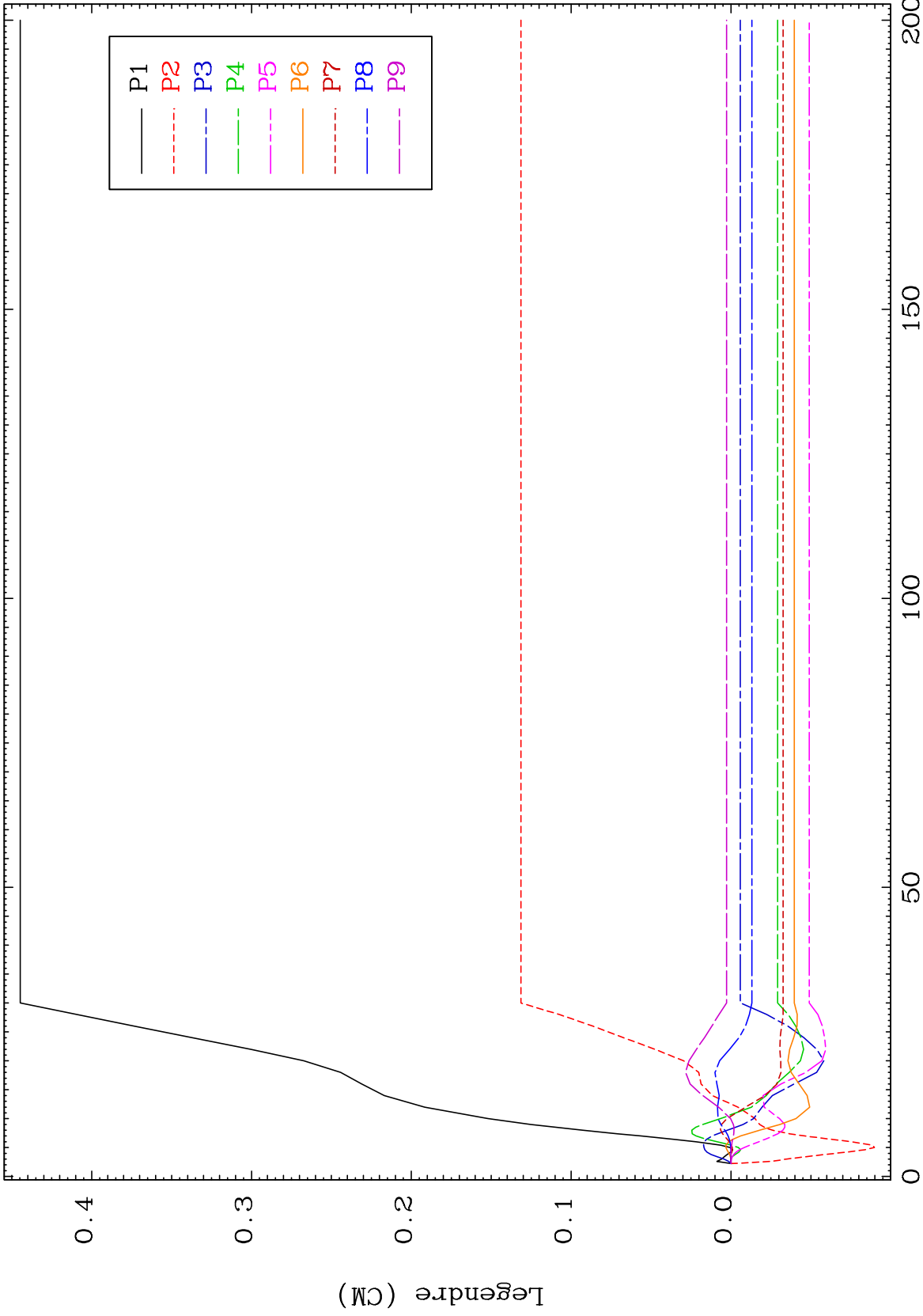
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



94

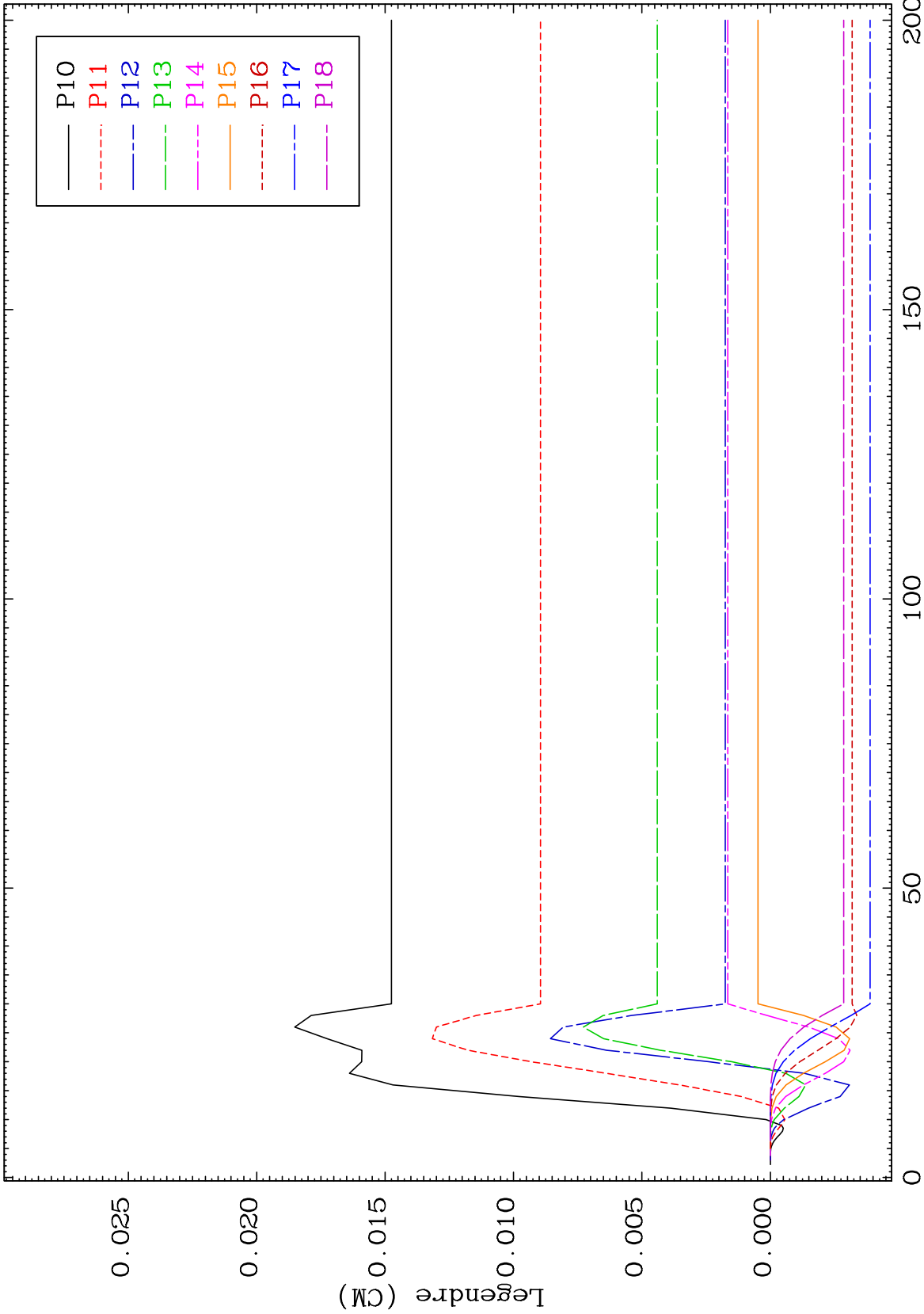
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



95

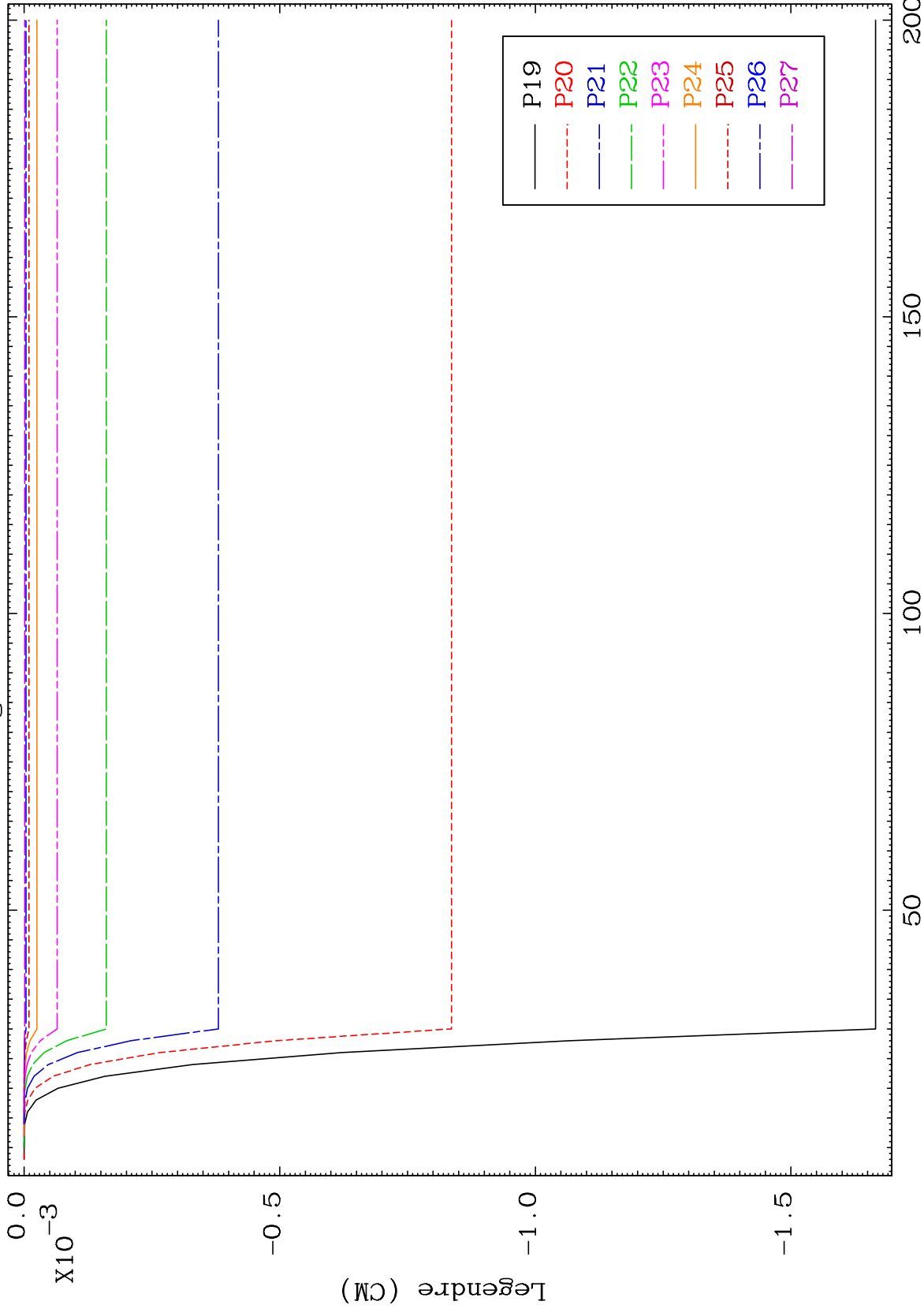
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93

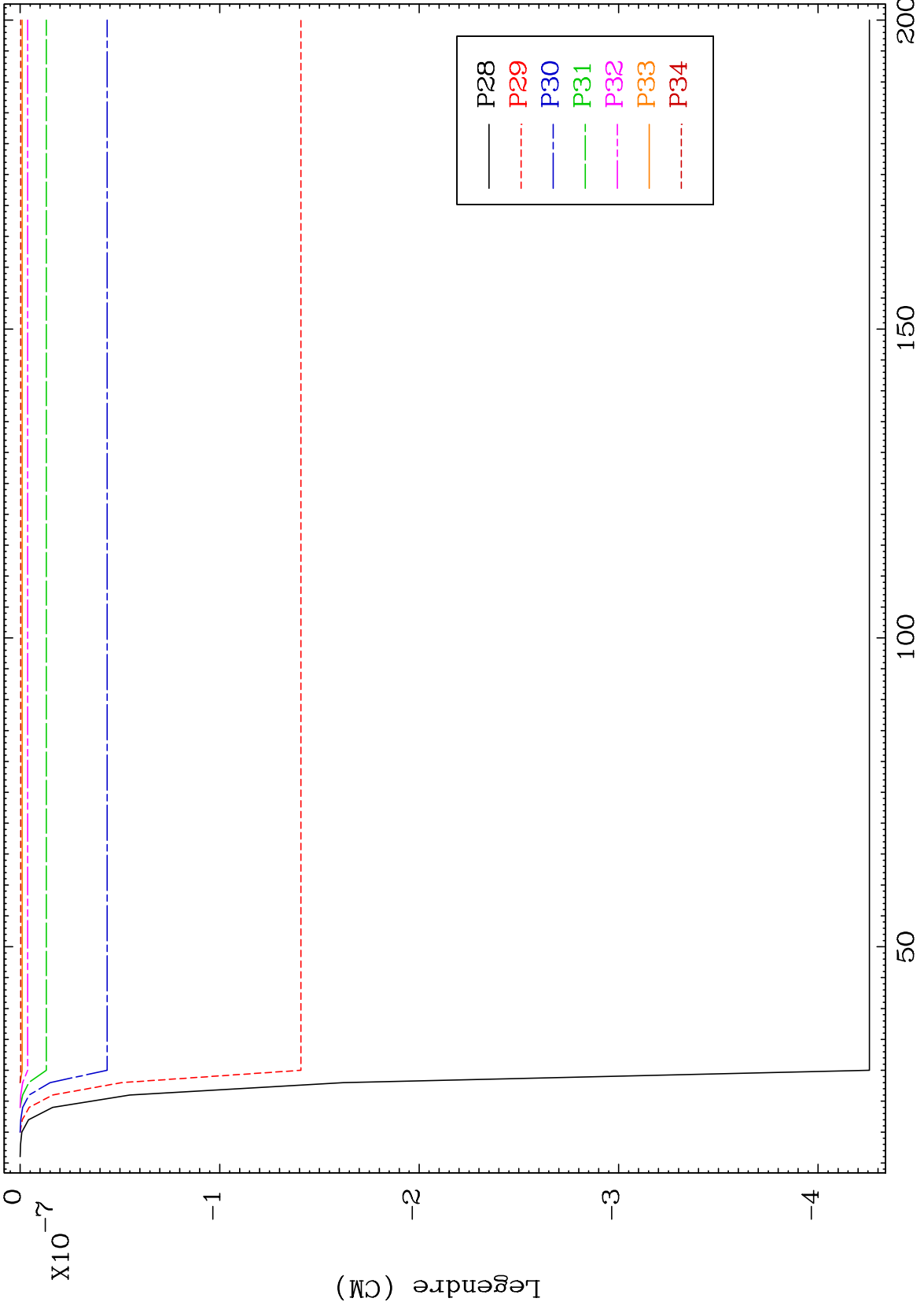


96

Incident Energy (MeV)

39-Y -93

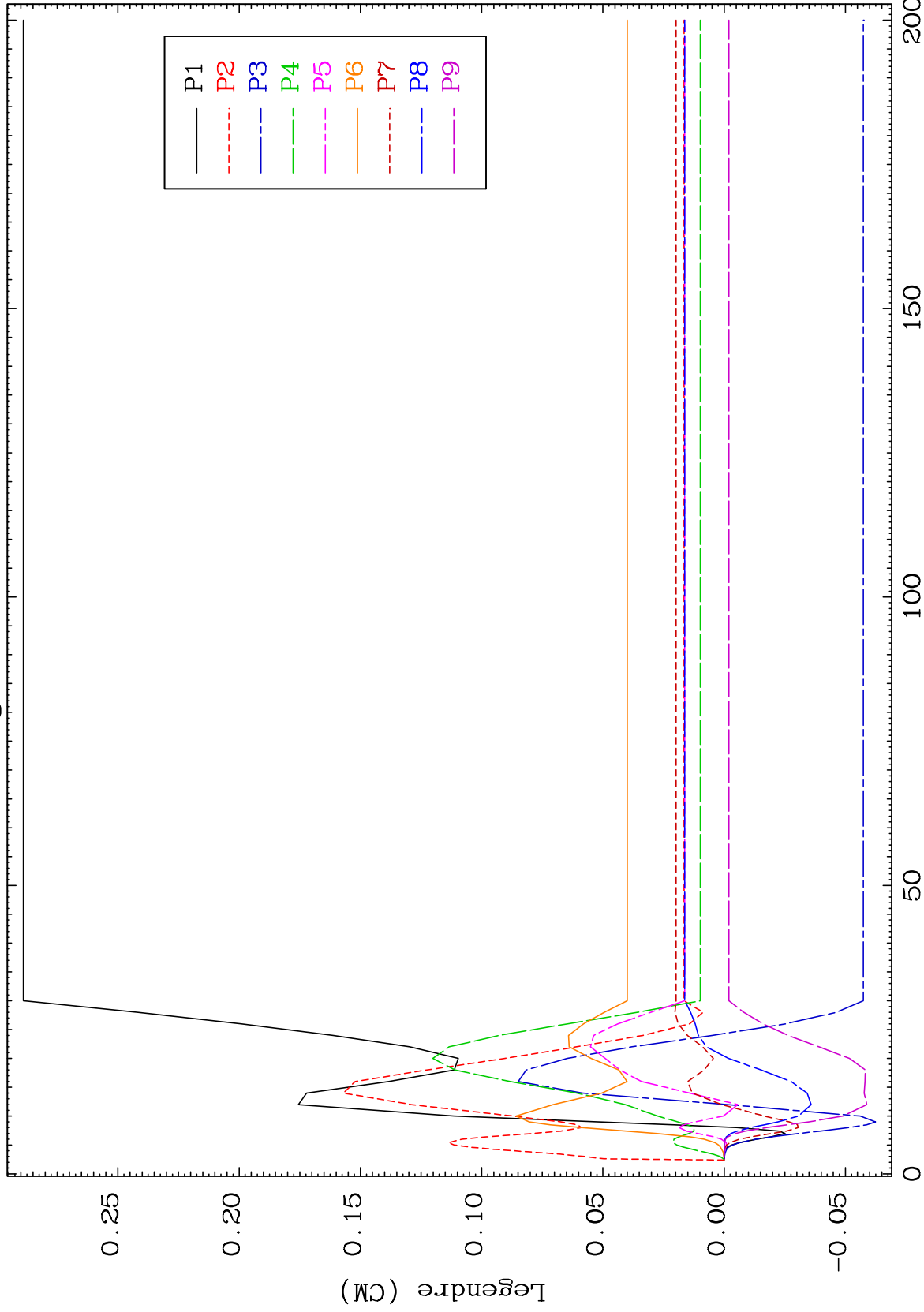
MAT 3937 MT= 71 (n,n') Level Legendre Coefficients 39-Y -93



MAT 3937

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

39-Y -93



98

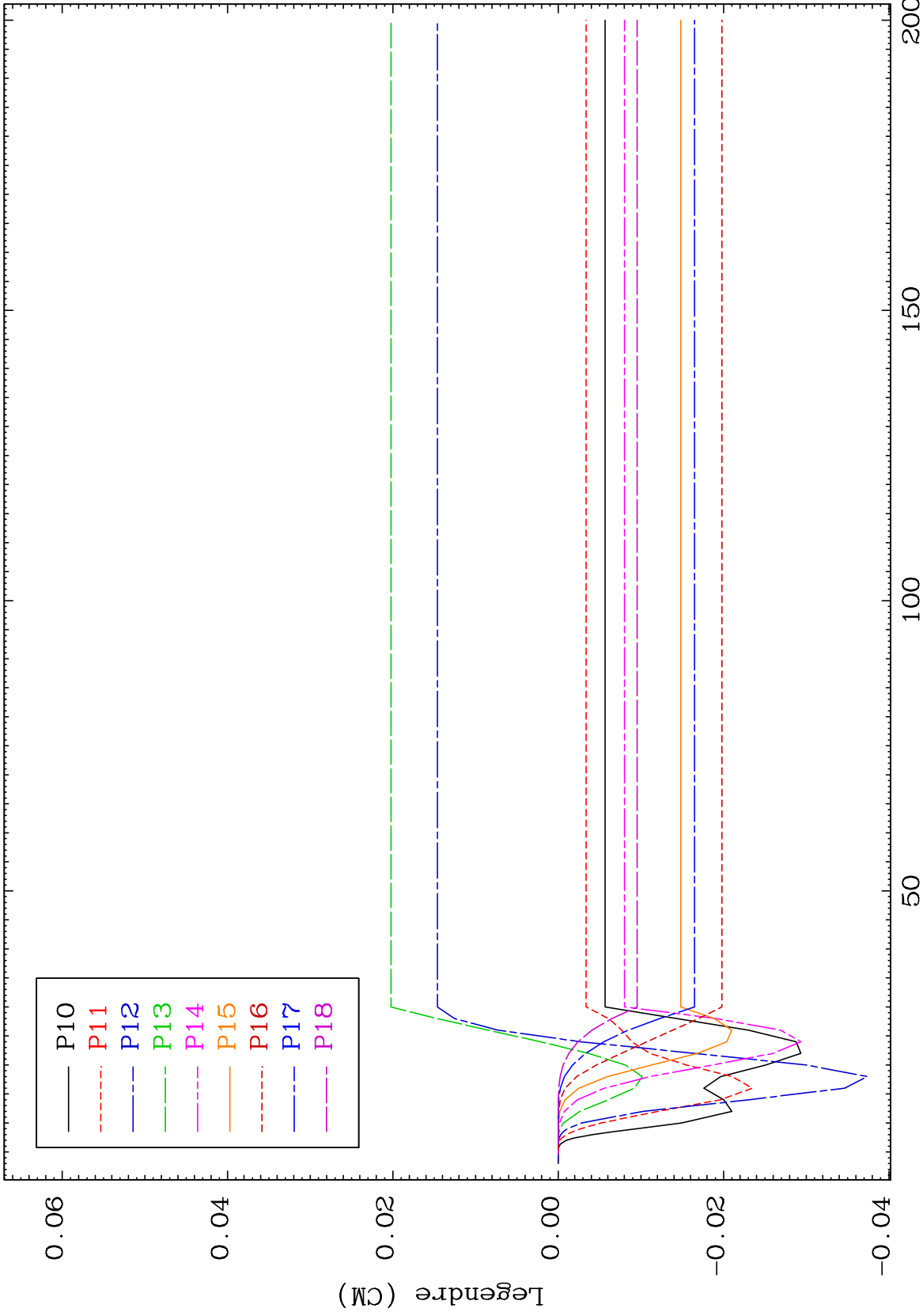
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93

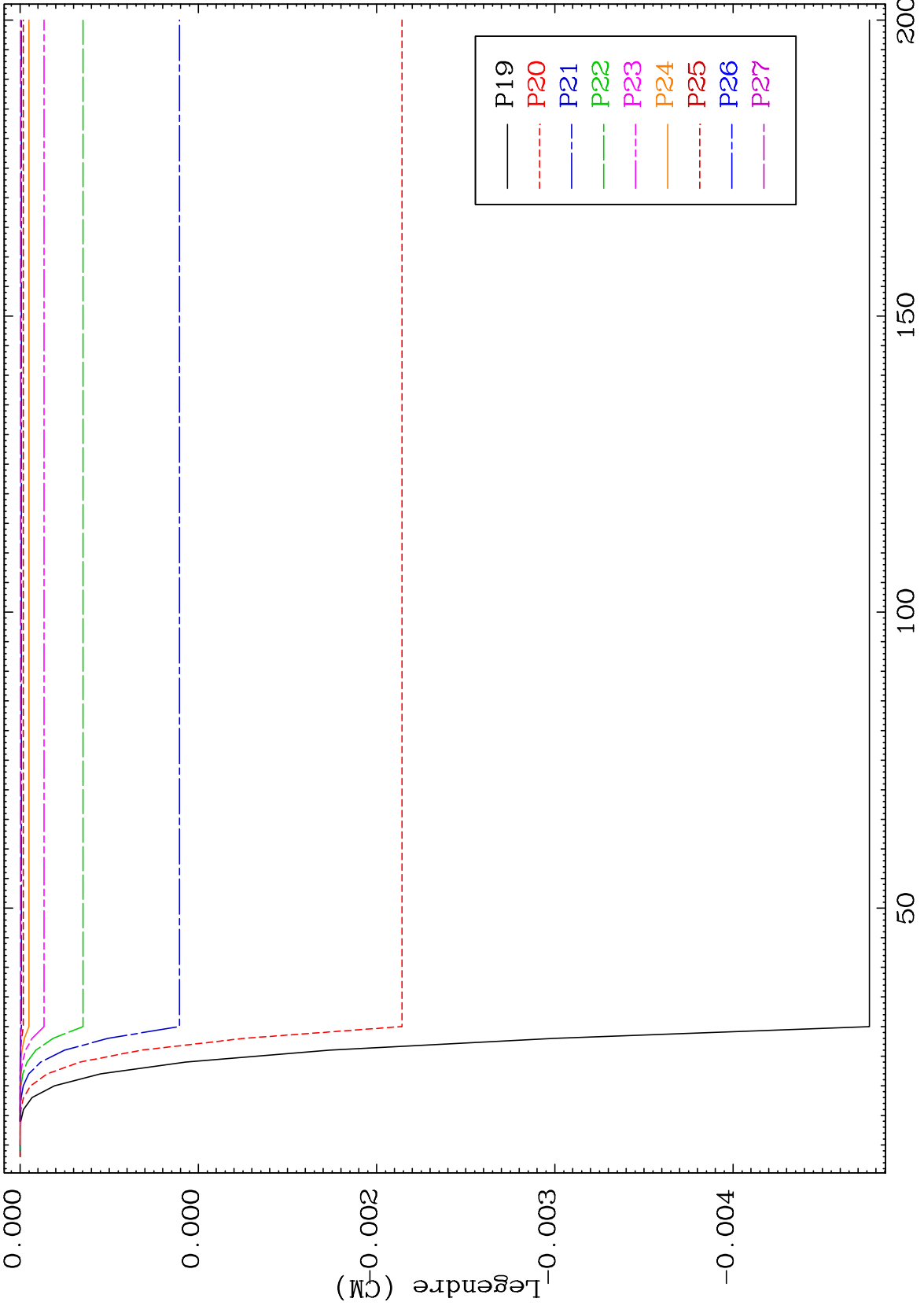


99

Incident Energy (MeV)

39-Y -93

MAT 3937 MT= 72 (n,n') Level Legendre Coefficients 39-Y -93

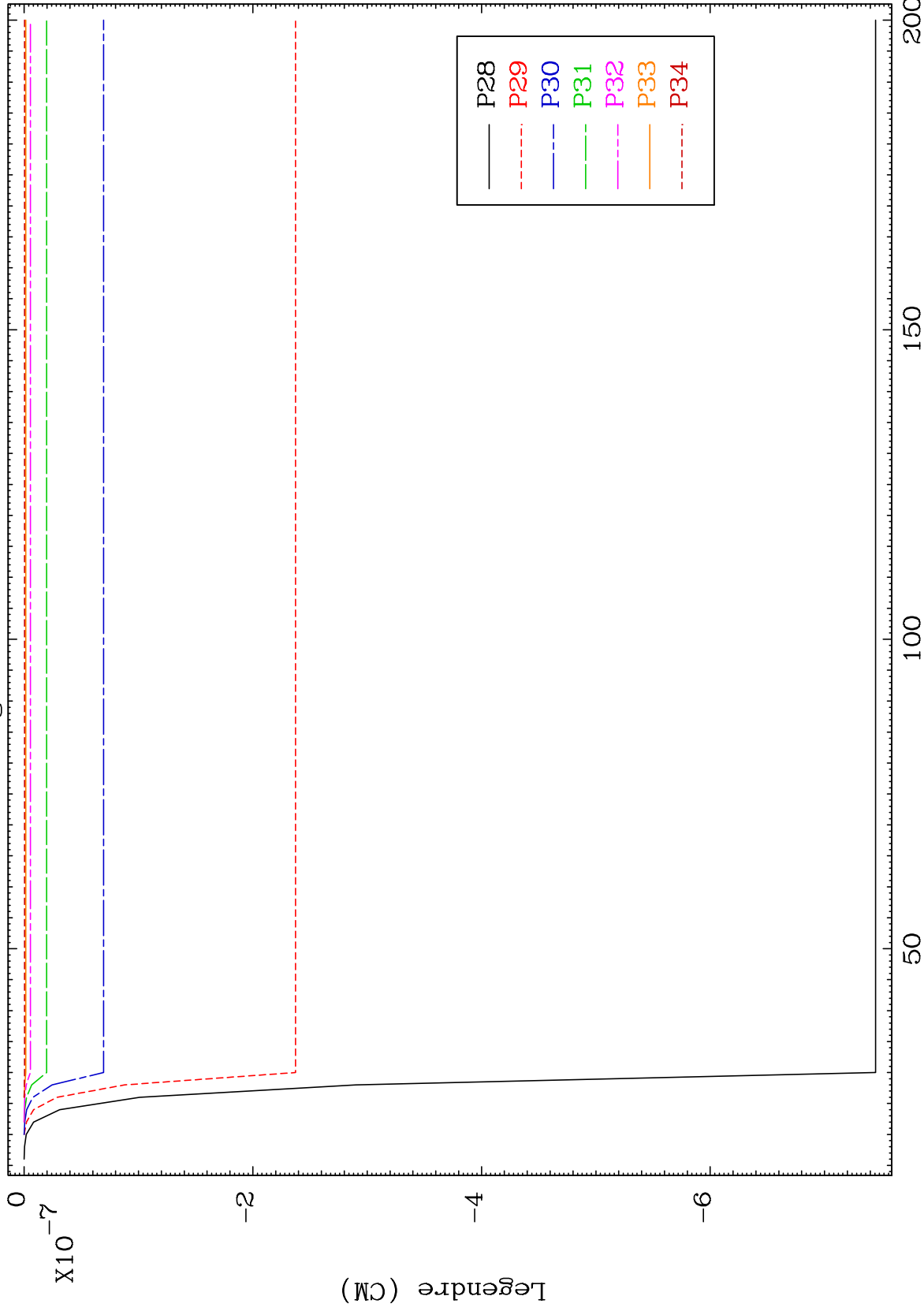


100 Incident Energy (MeV) 39-Y -93

MAT 3937

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

39-Y -93



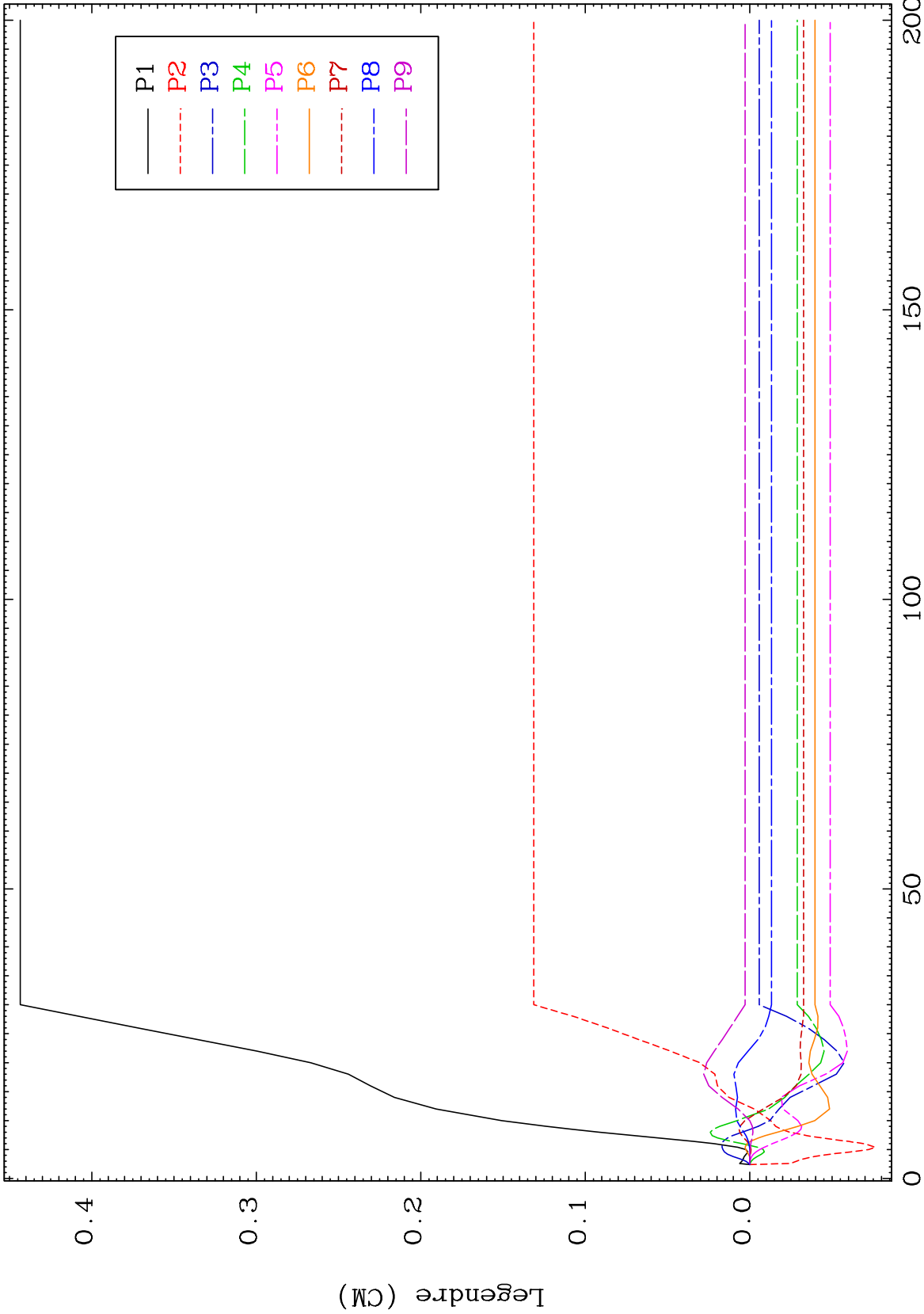
101

39-Y -93

MAT 3937

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

39-Y -93



102

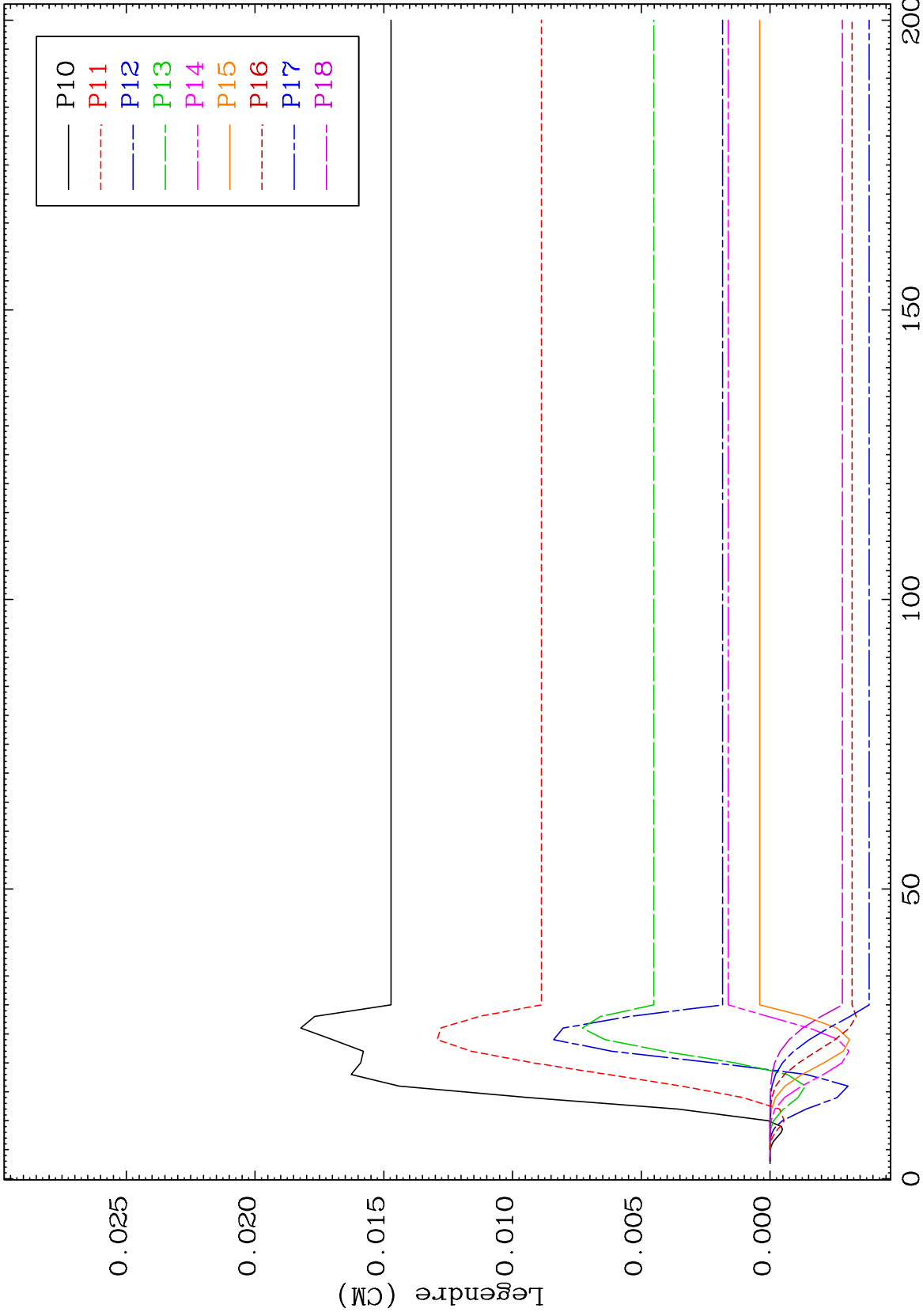
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



103

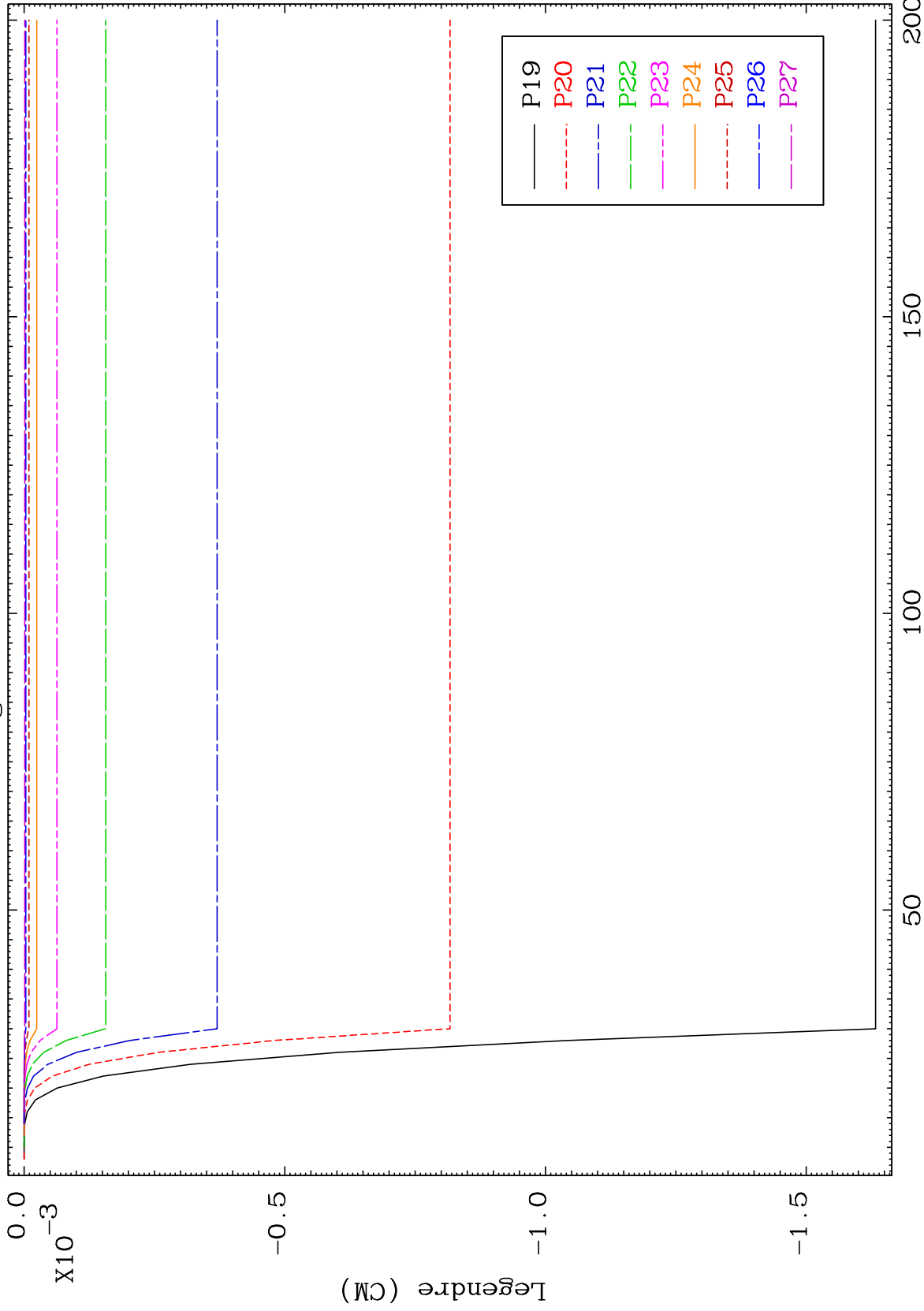
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93

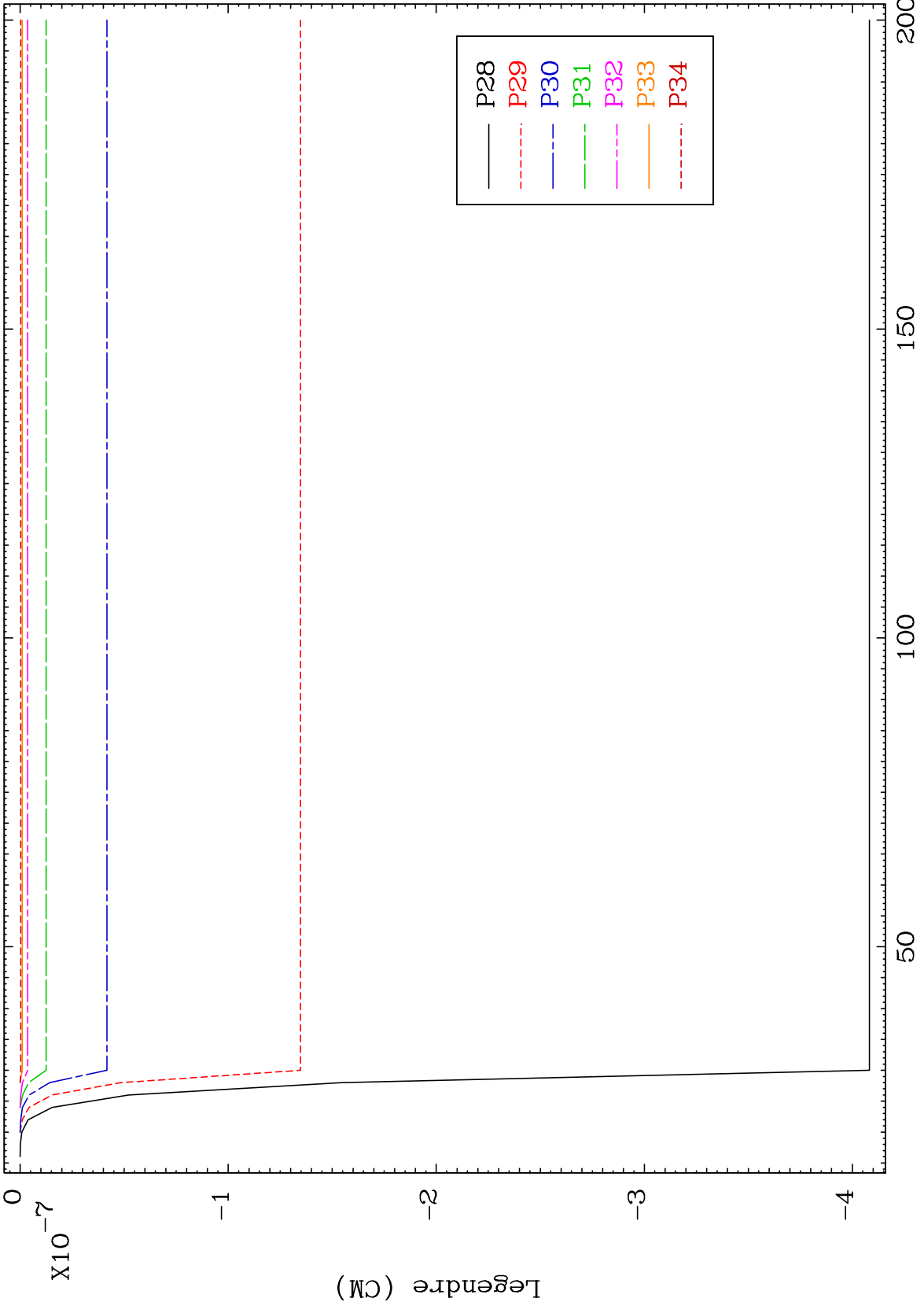


39-Y -93

Incident Energy (MeV)

104

MAT 3937 MT= 73 (n,n') Level Legendre Coefficients 39-Y -93

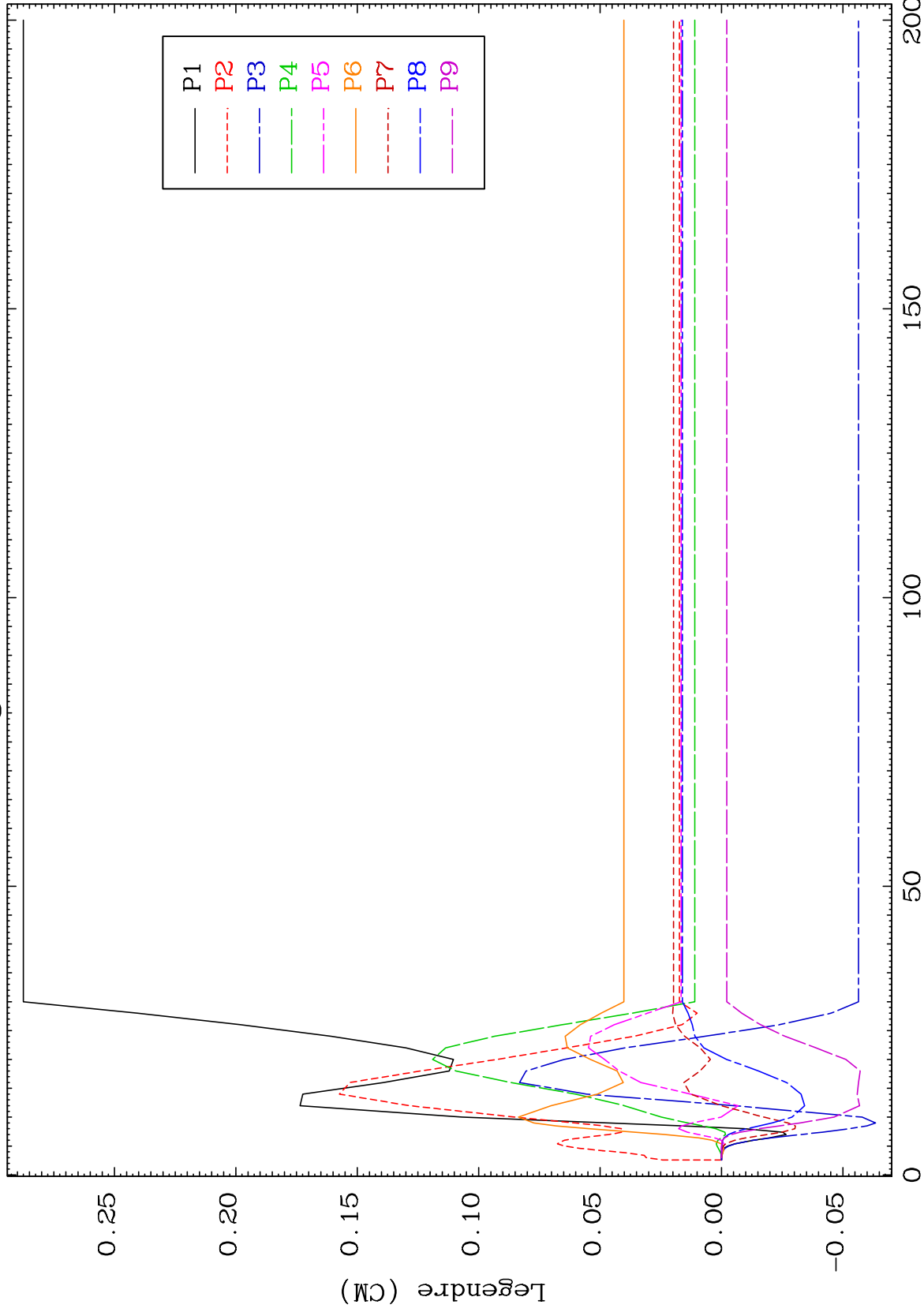


105 50 100 150 200 39-Y -93

MAT 3937

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

39-Y -93



106

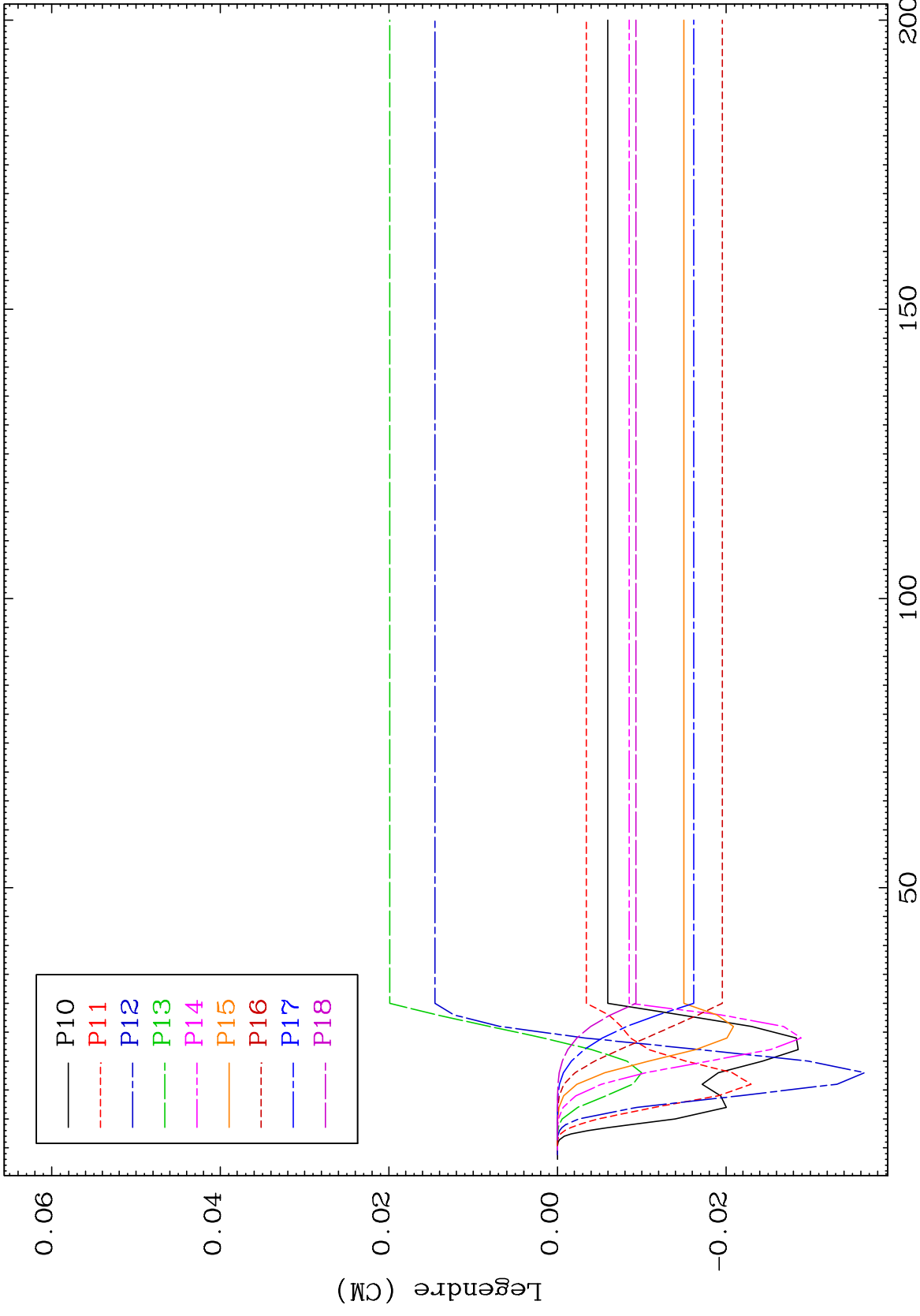
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93

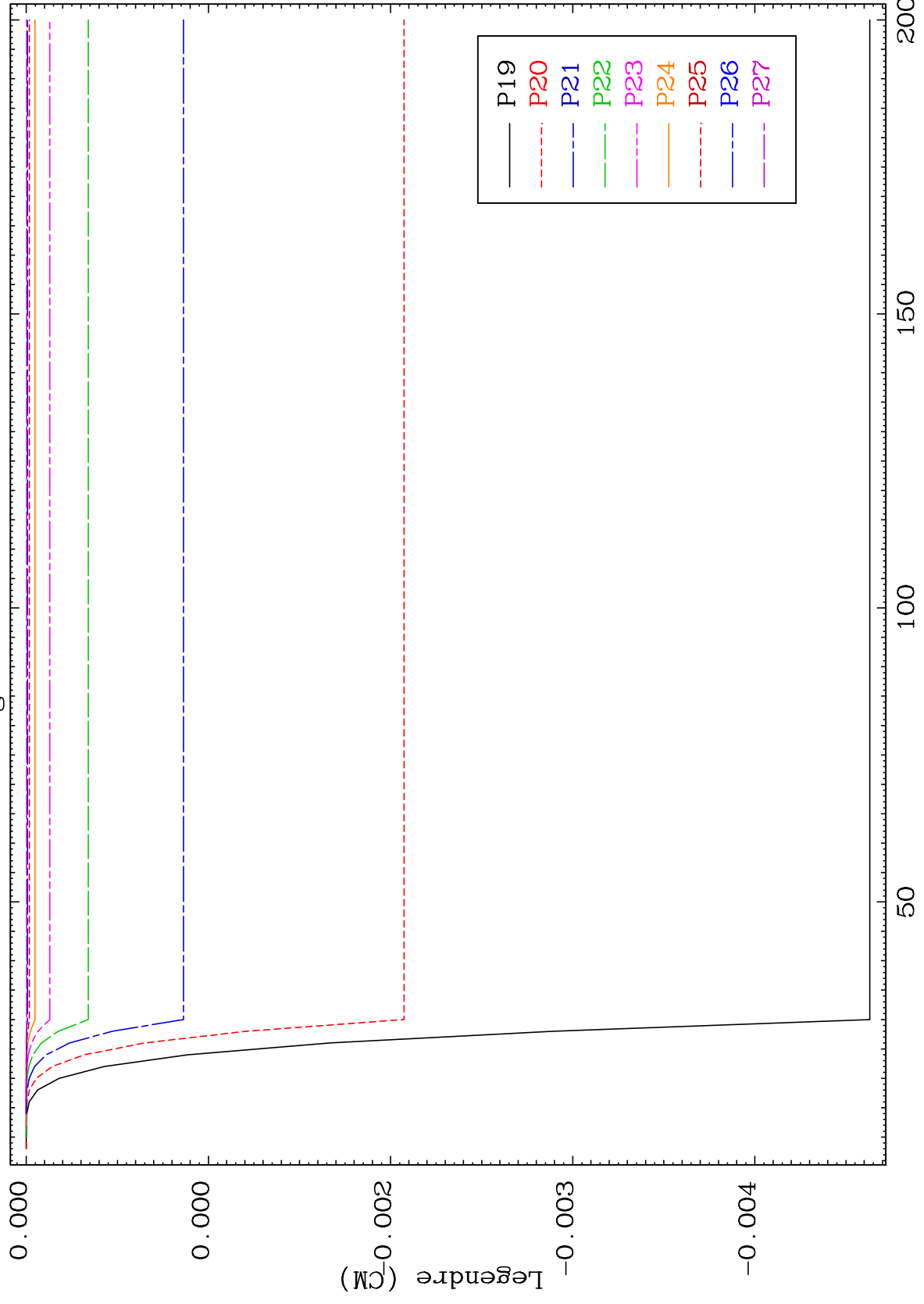


107

Incident Energy (MeV)

39-Y -93

MAT 3937 MT= 74 (n,n') Level Legendre Coefficients 39-Y -93

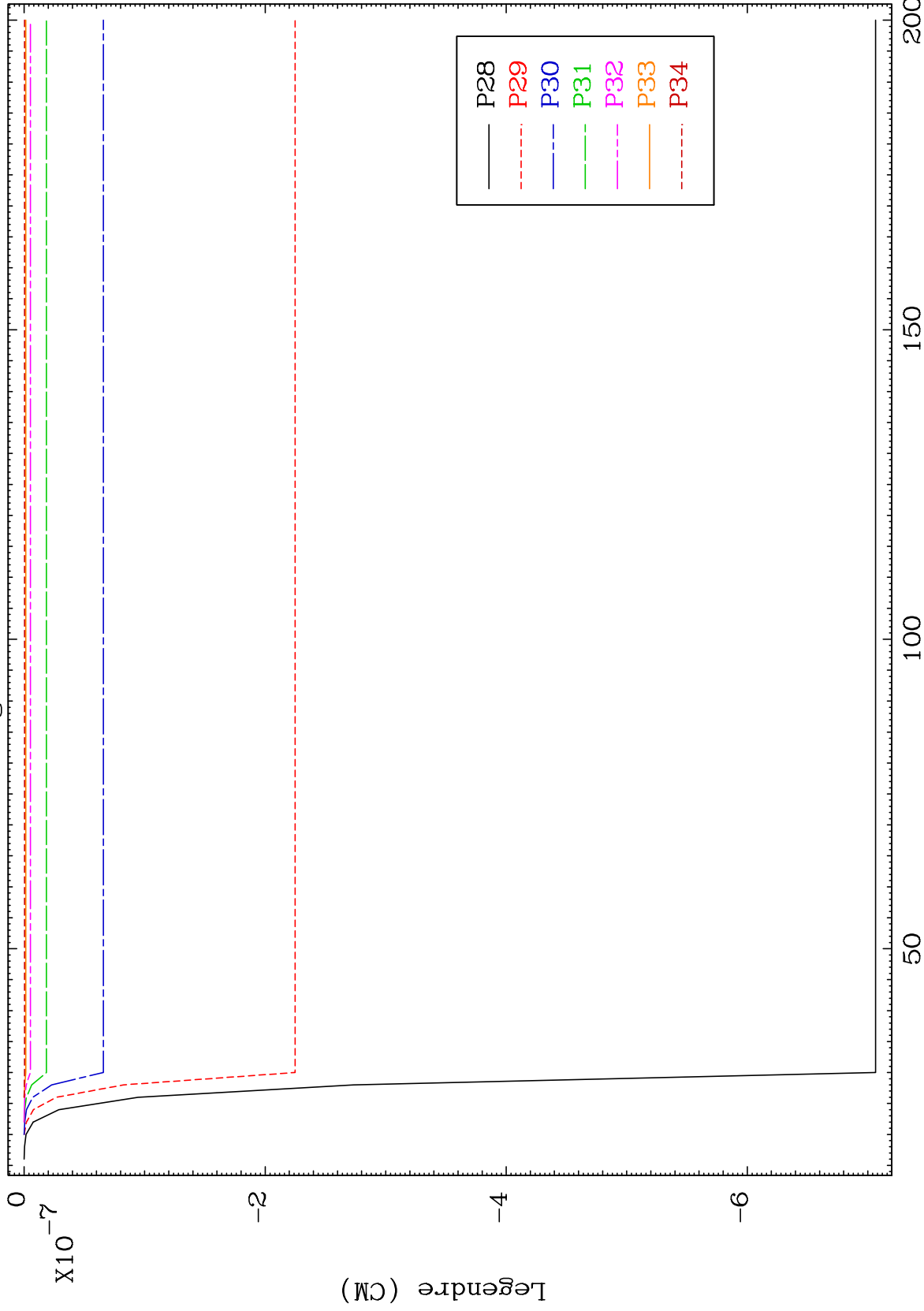


108 Incident Energy (MeV) 39-Y -93

MAT 3937

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

39-Y -93



109

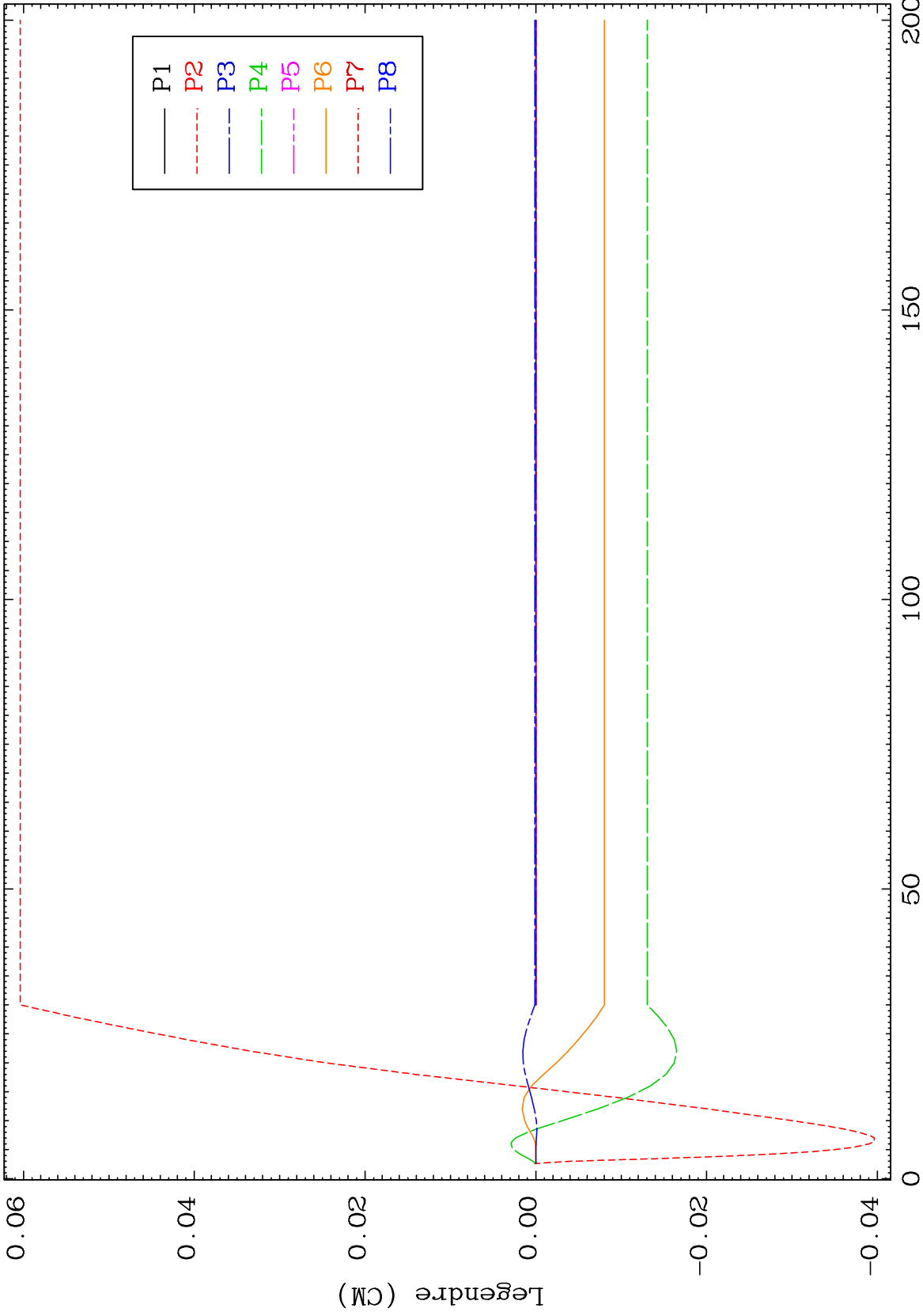
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



39-Y -93

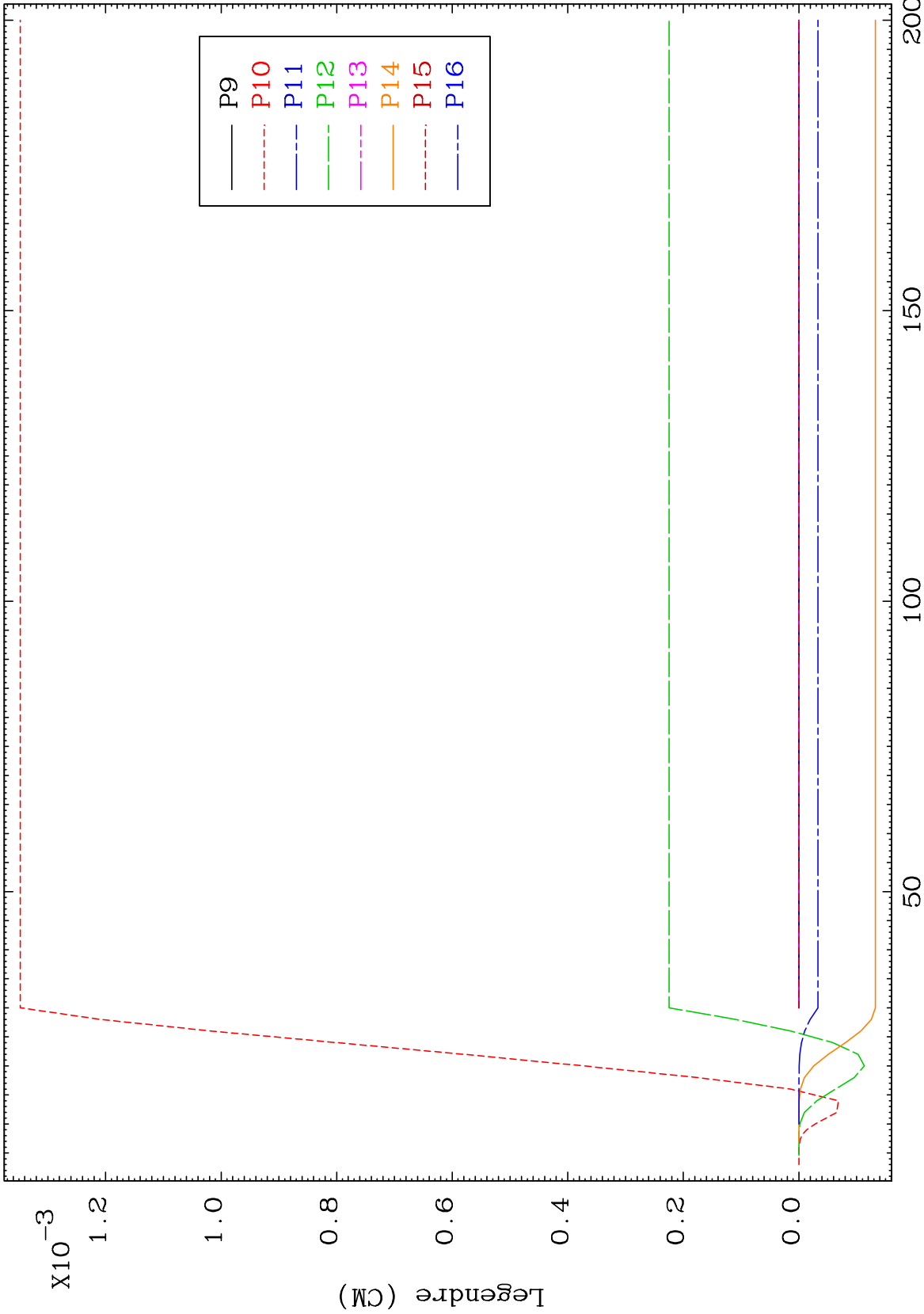
Incident Energy (MeV)

110

MAT 3937

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

39-Y -93



111

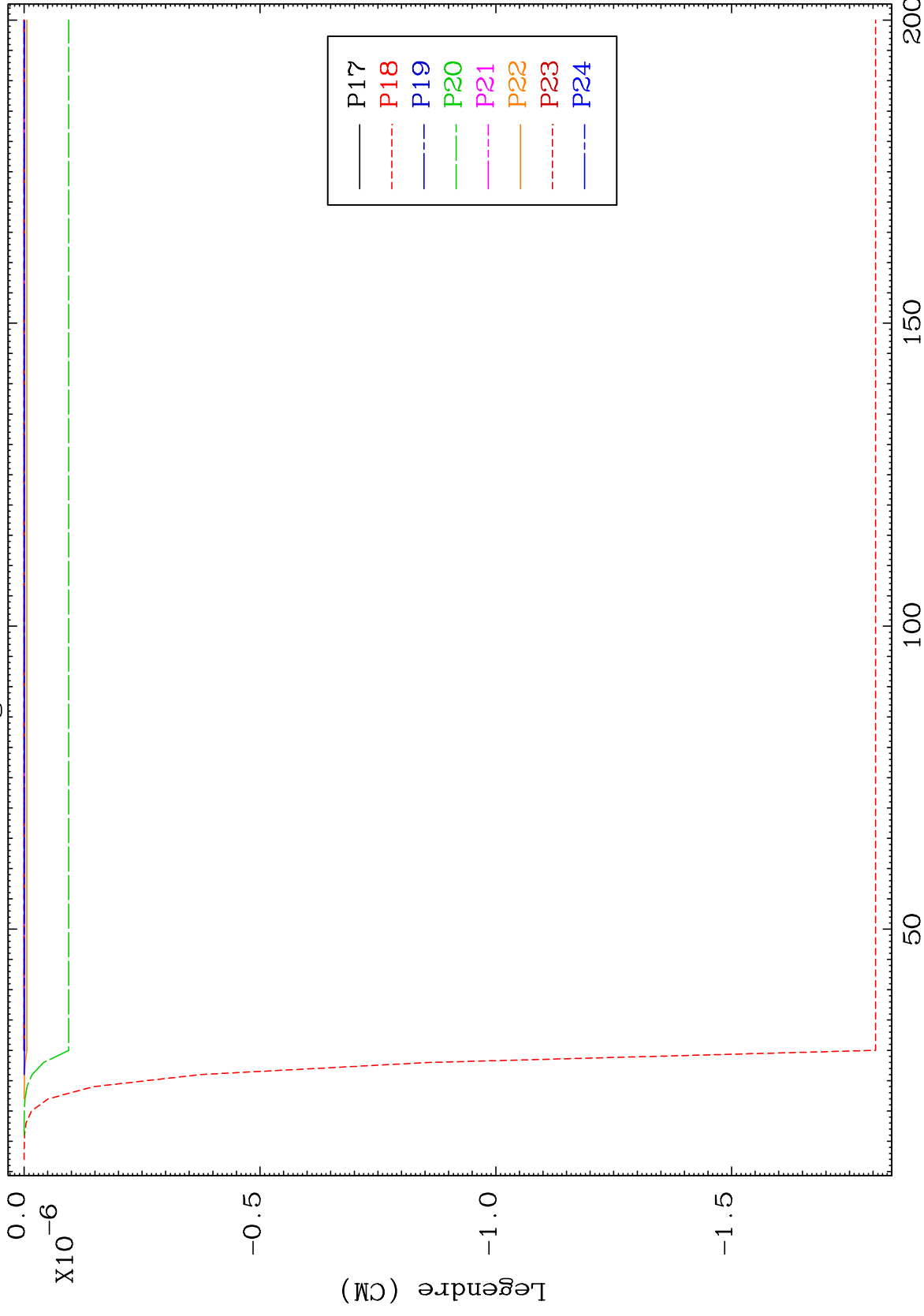
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



39-Y -93

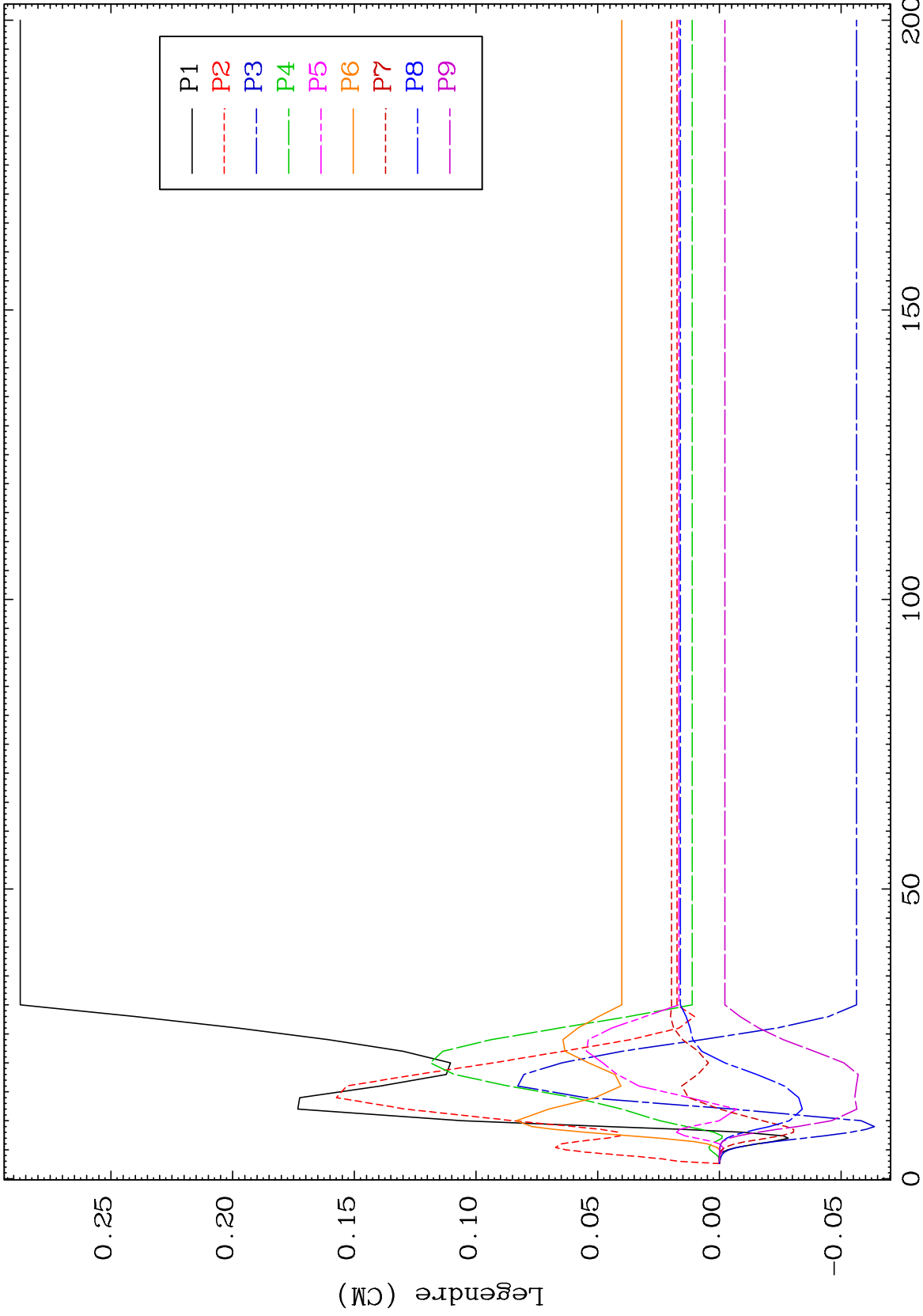
Incident Energy (MeV)

112

MAT 3937

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

39-Y -93



113

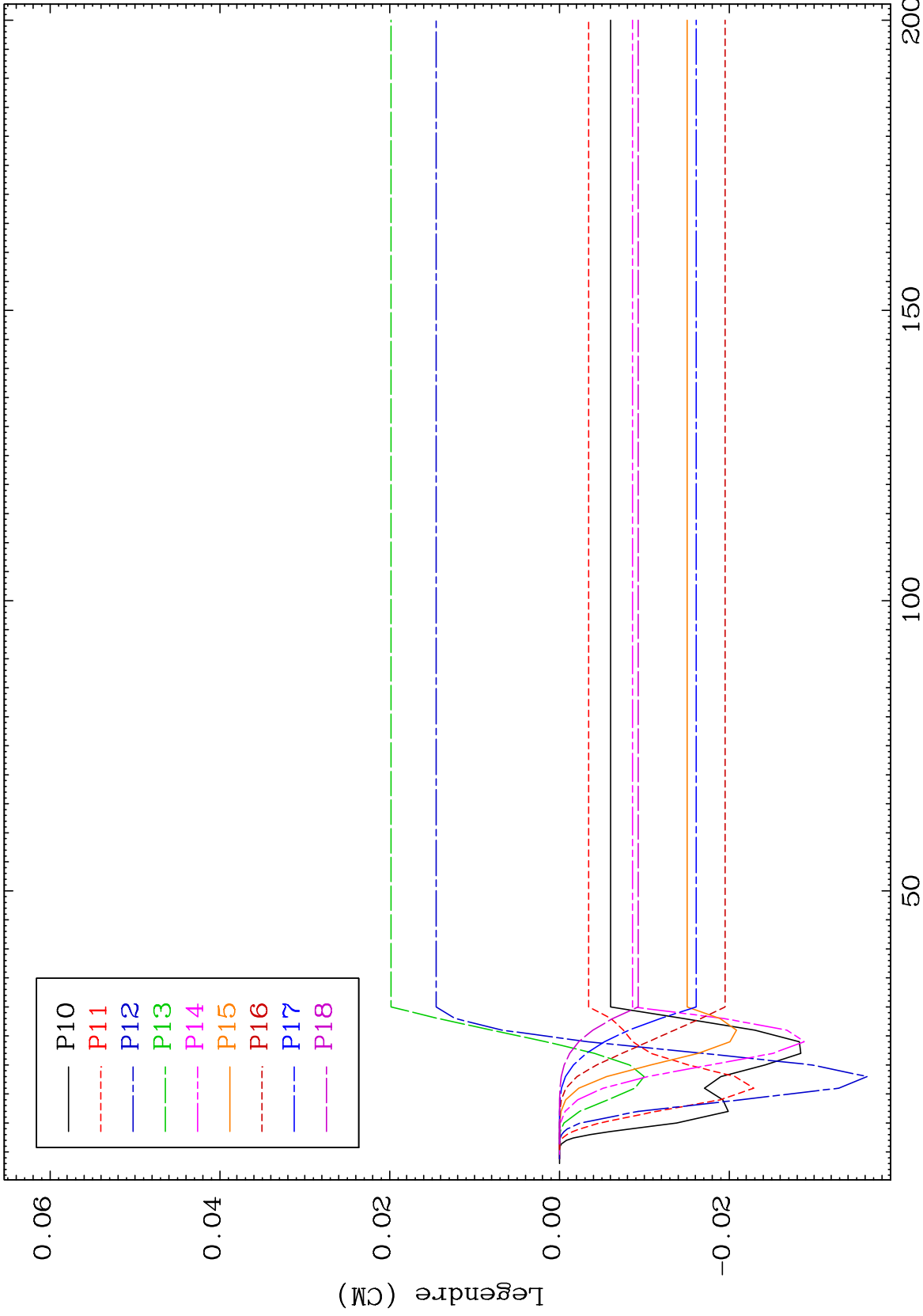
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93

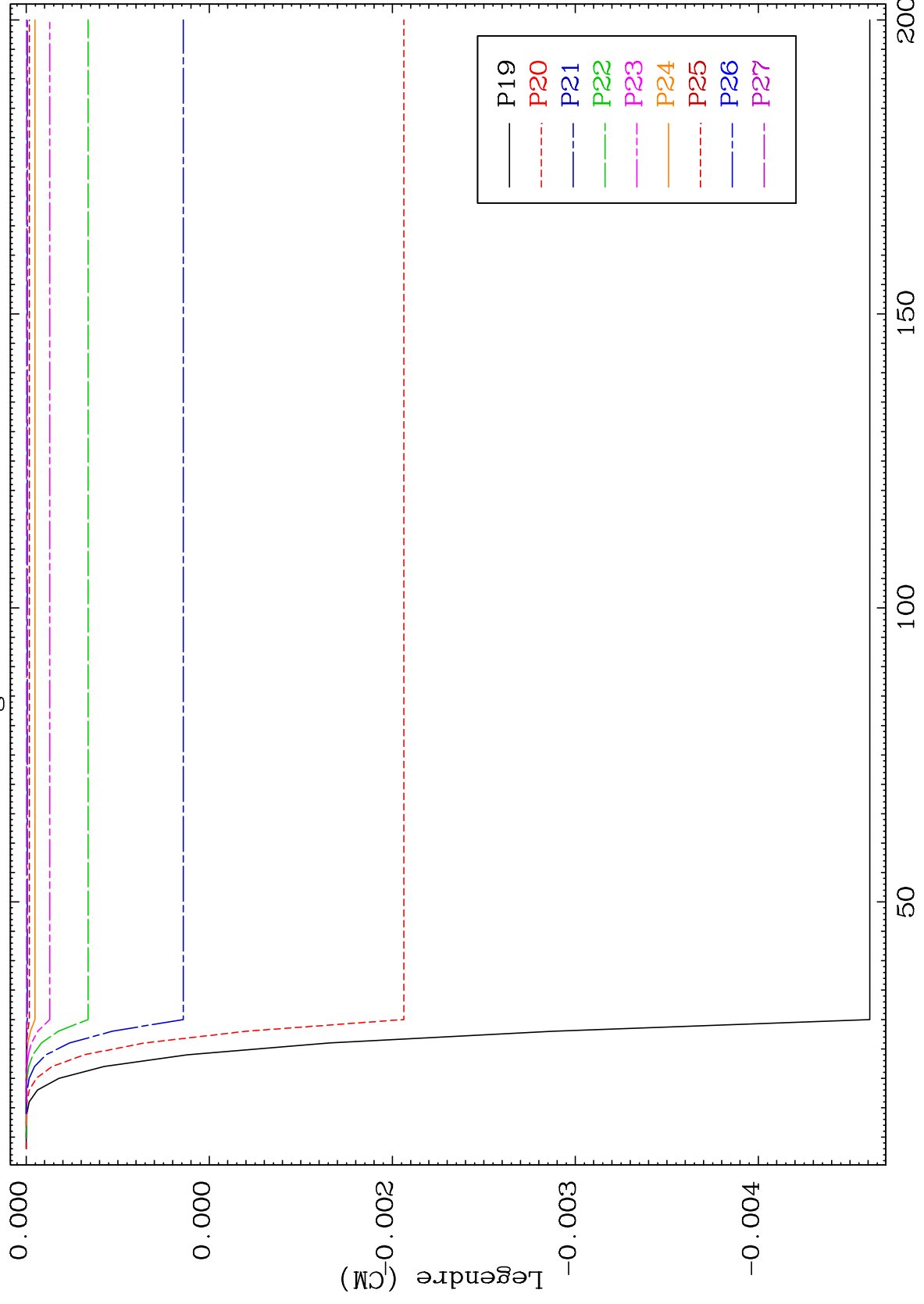


114

Incident Energy (MeV)

39-Y -93

MAT 3937 MT= 76 (n,n') Level Legendre Coefficients 39-Y -93

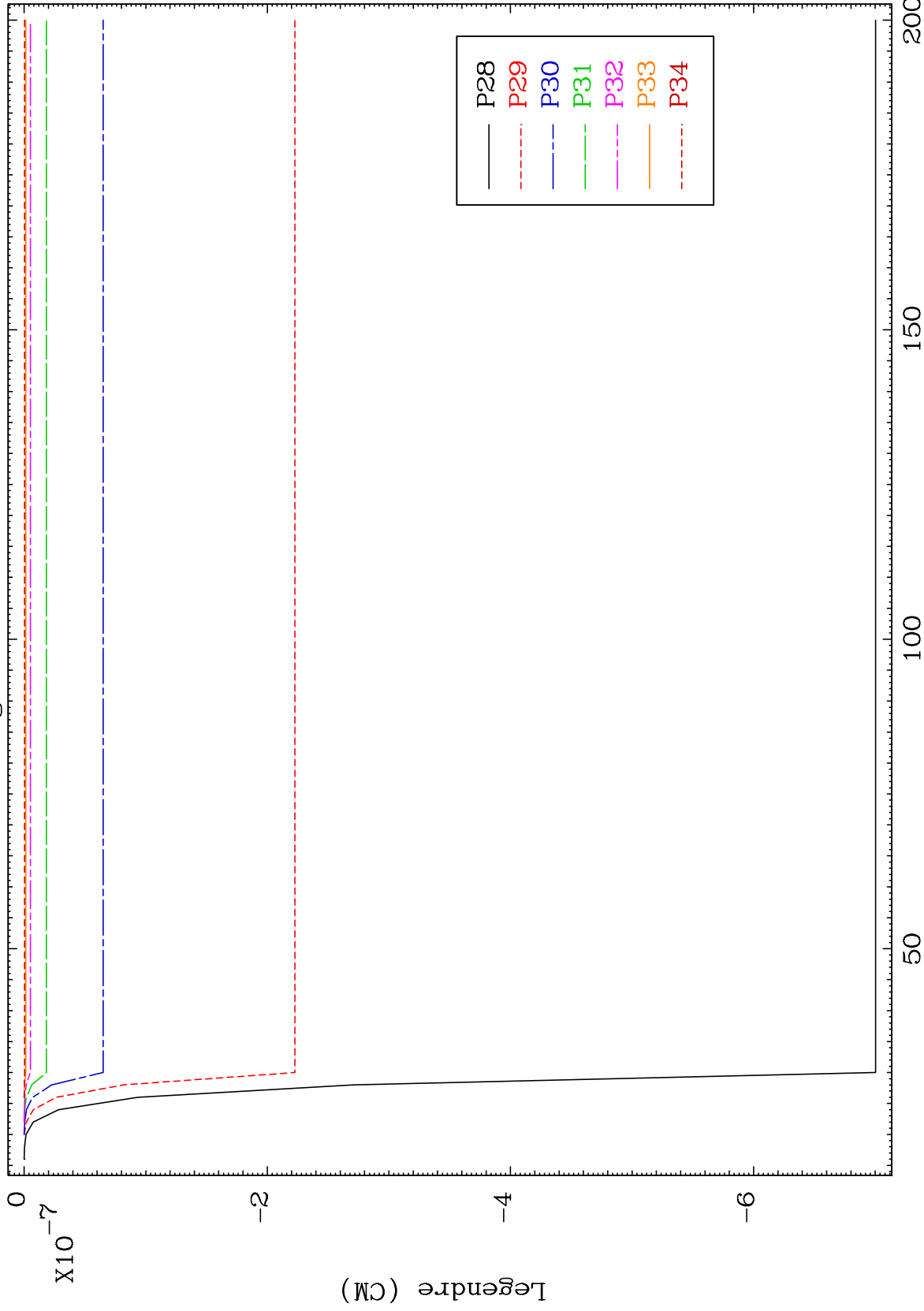


115 Incident Energy (MeV) 39-Y -93

MAT 3937

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

39-Y -93



116

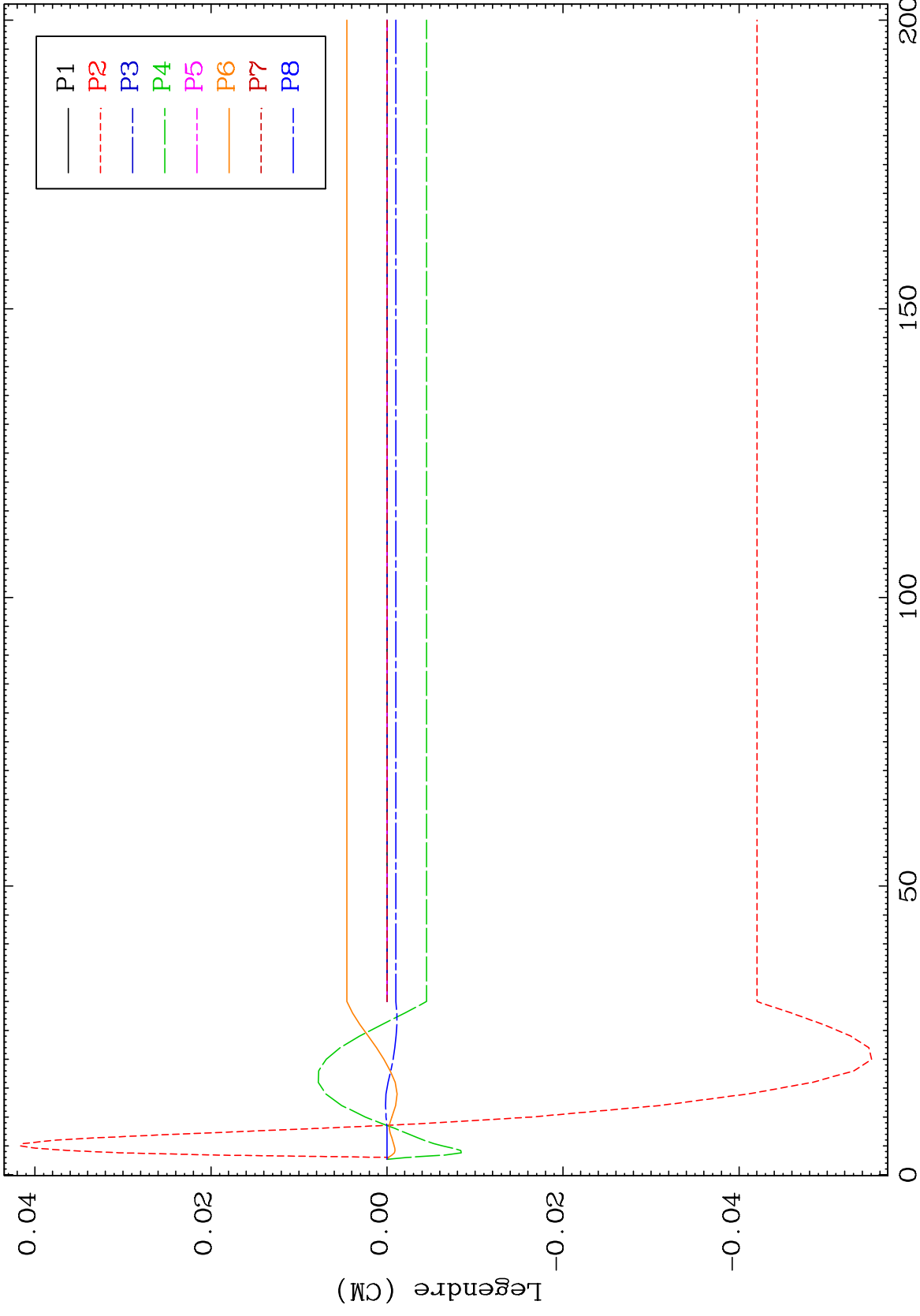
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



117

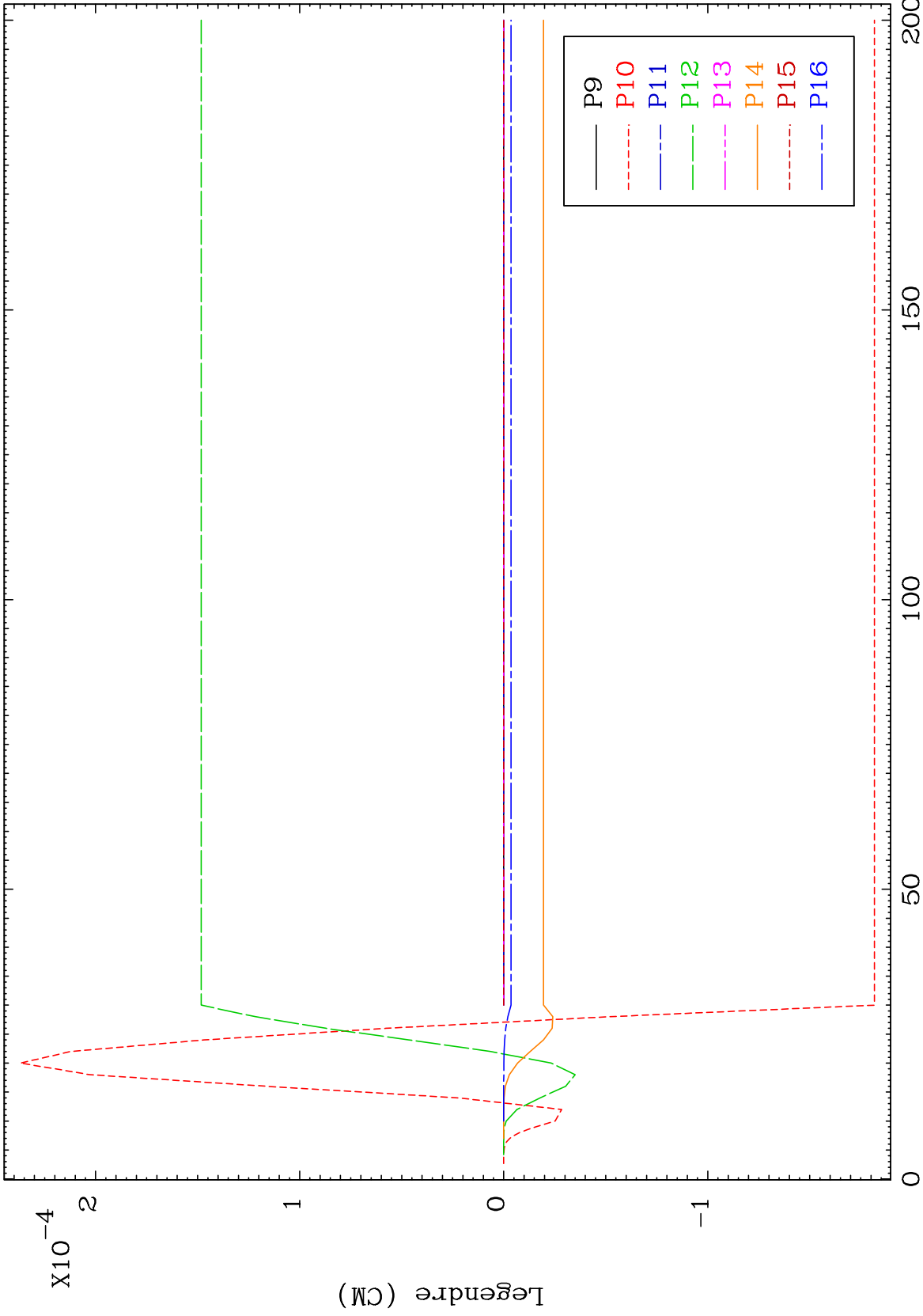
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



118

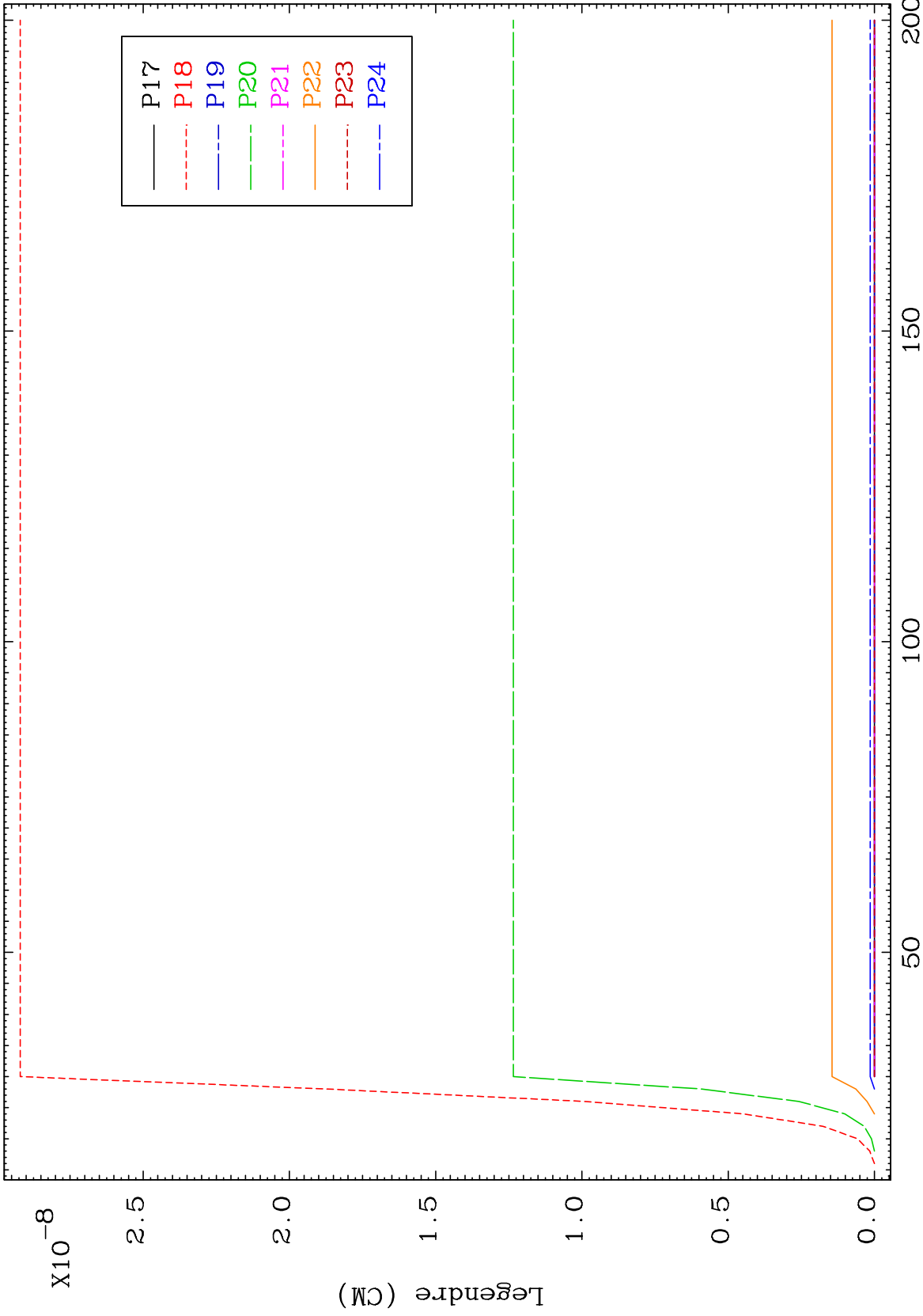
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



119

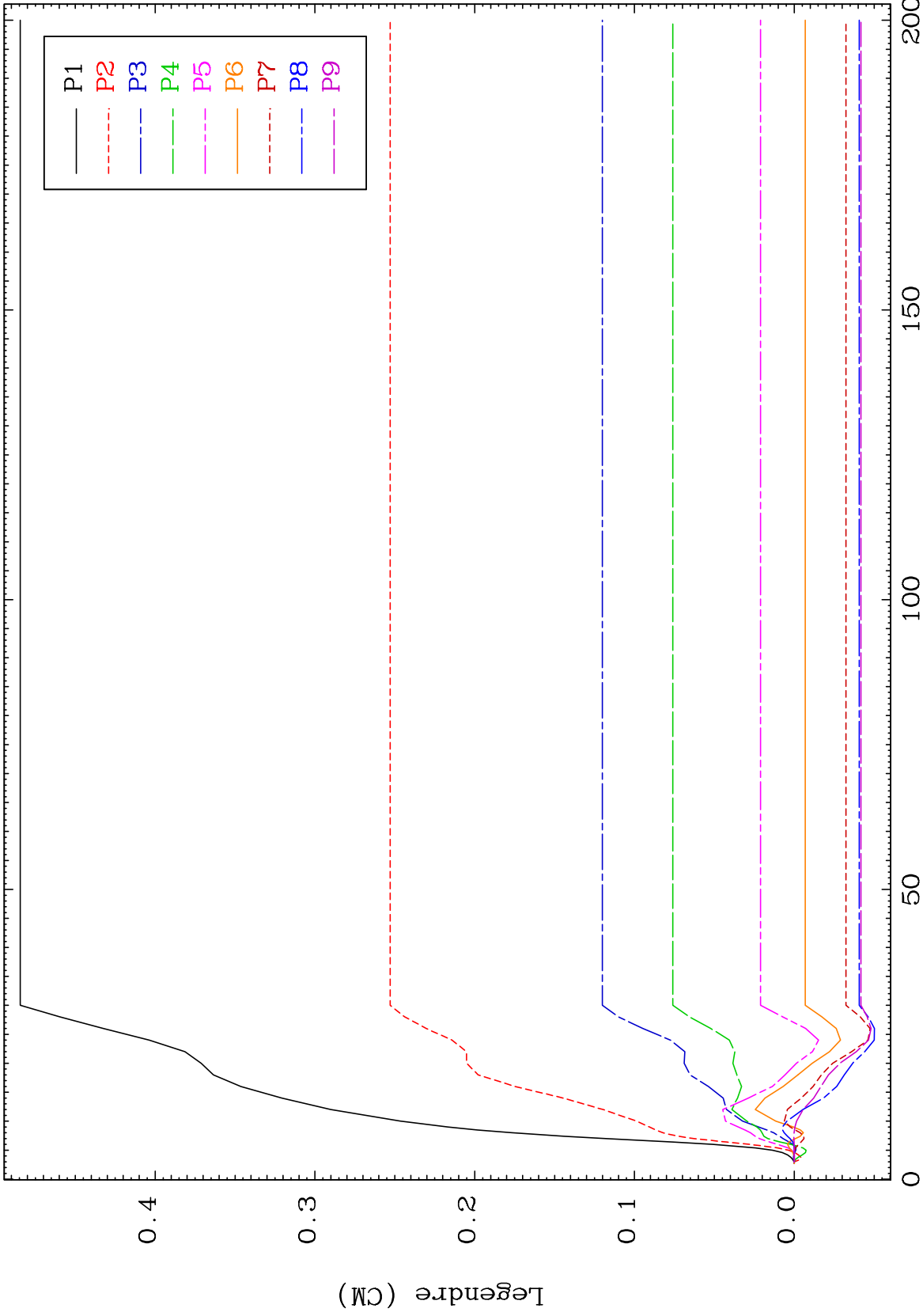
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



120

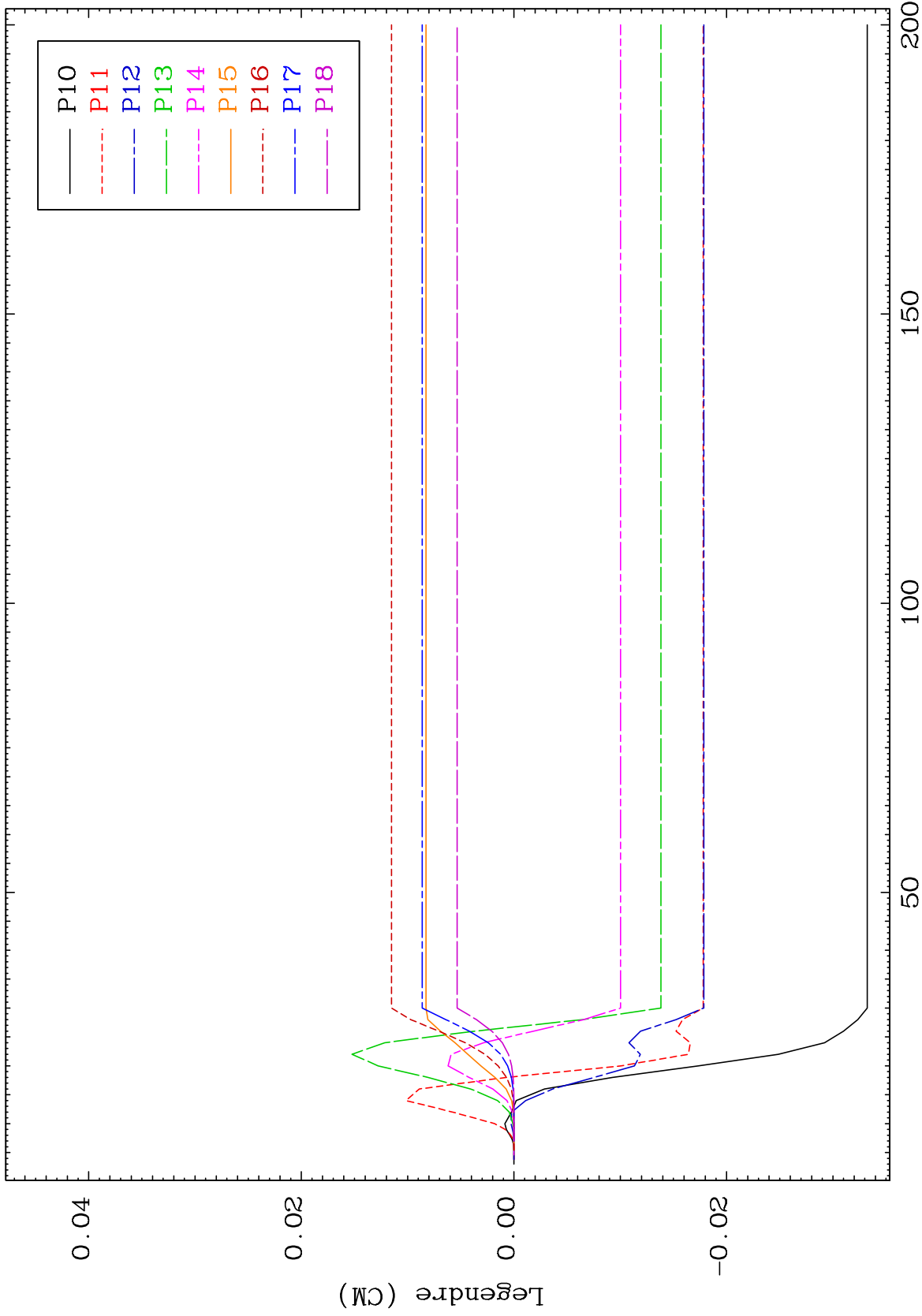
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



121

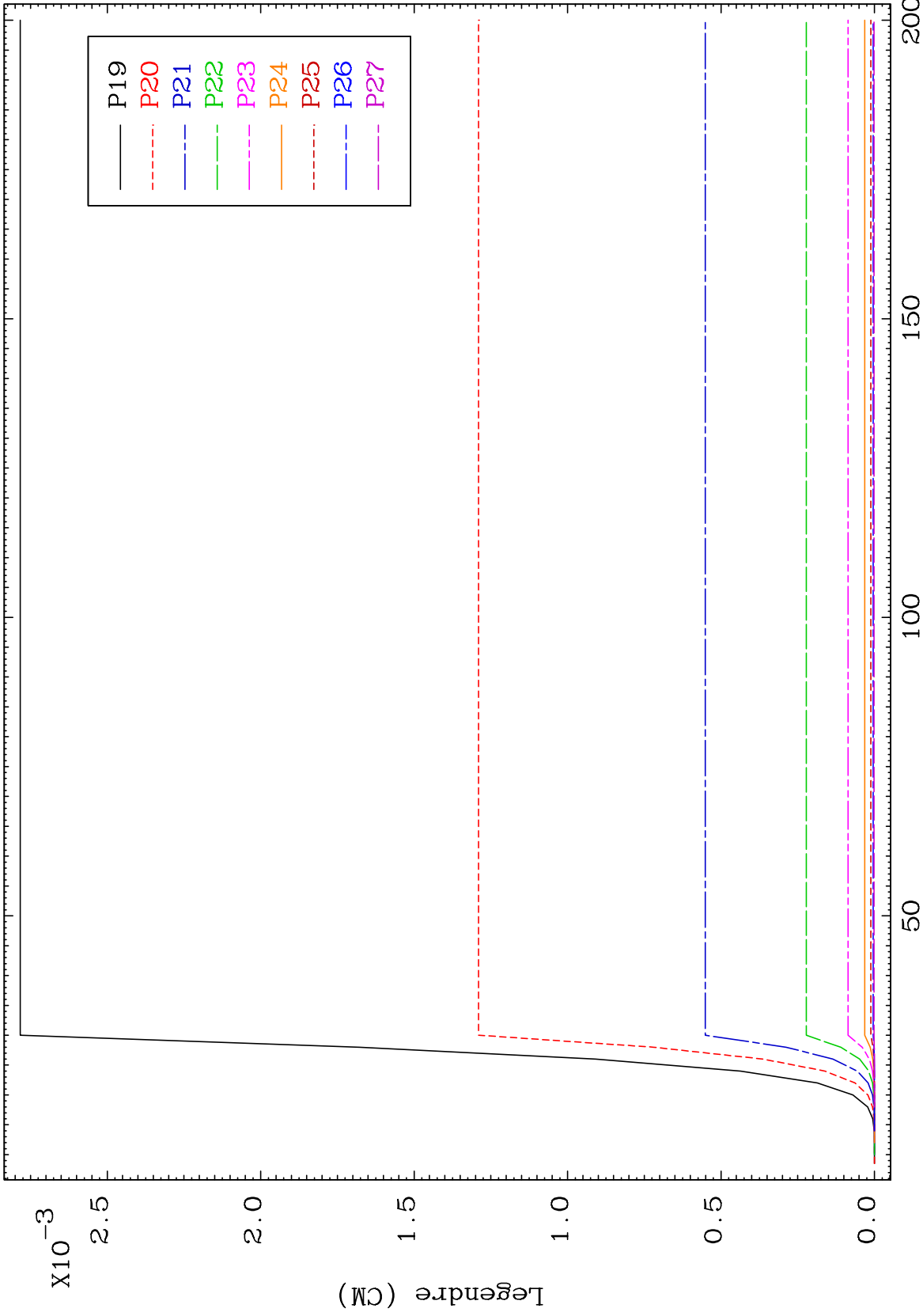
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



122

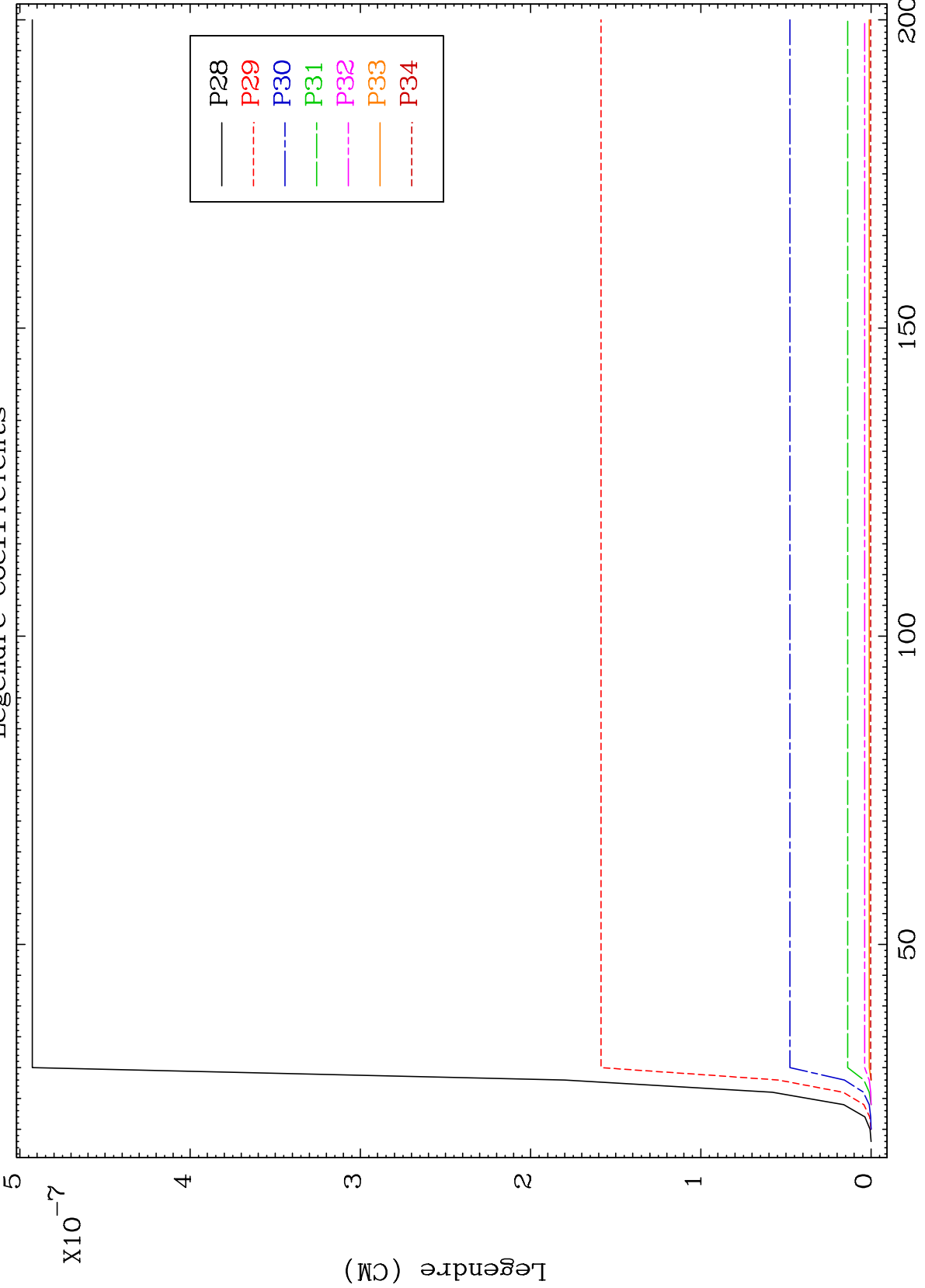
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



123

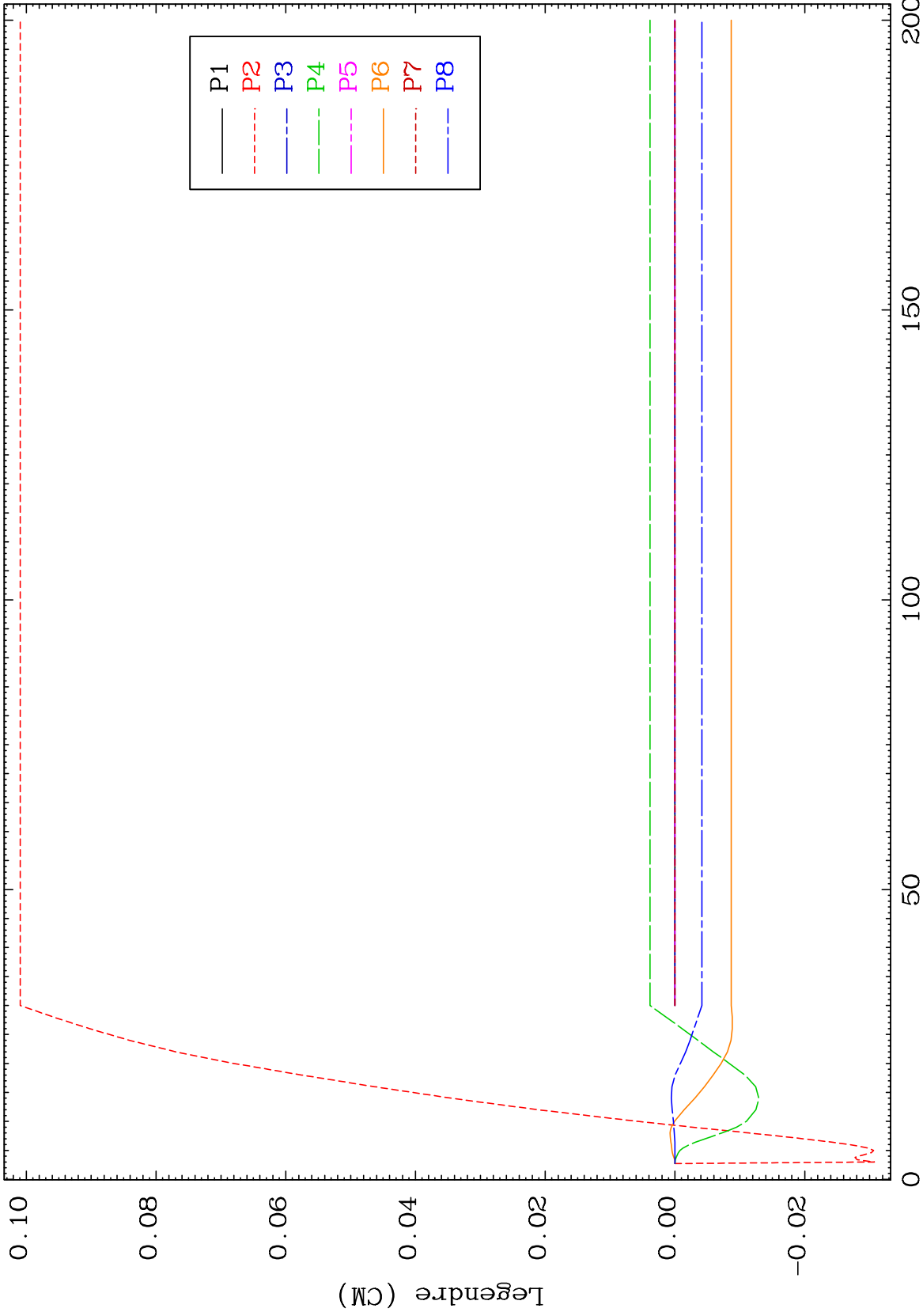
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



124

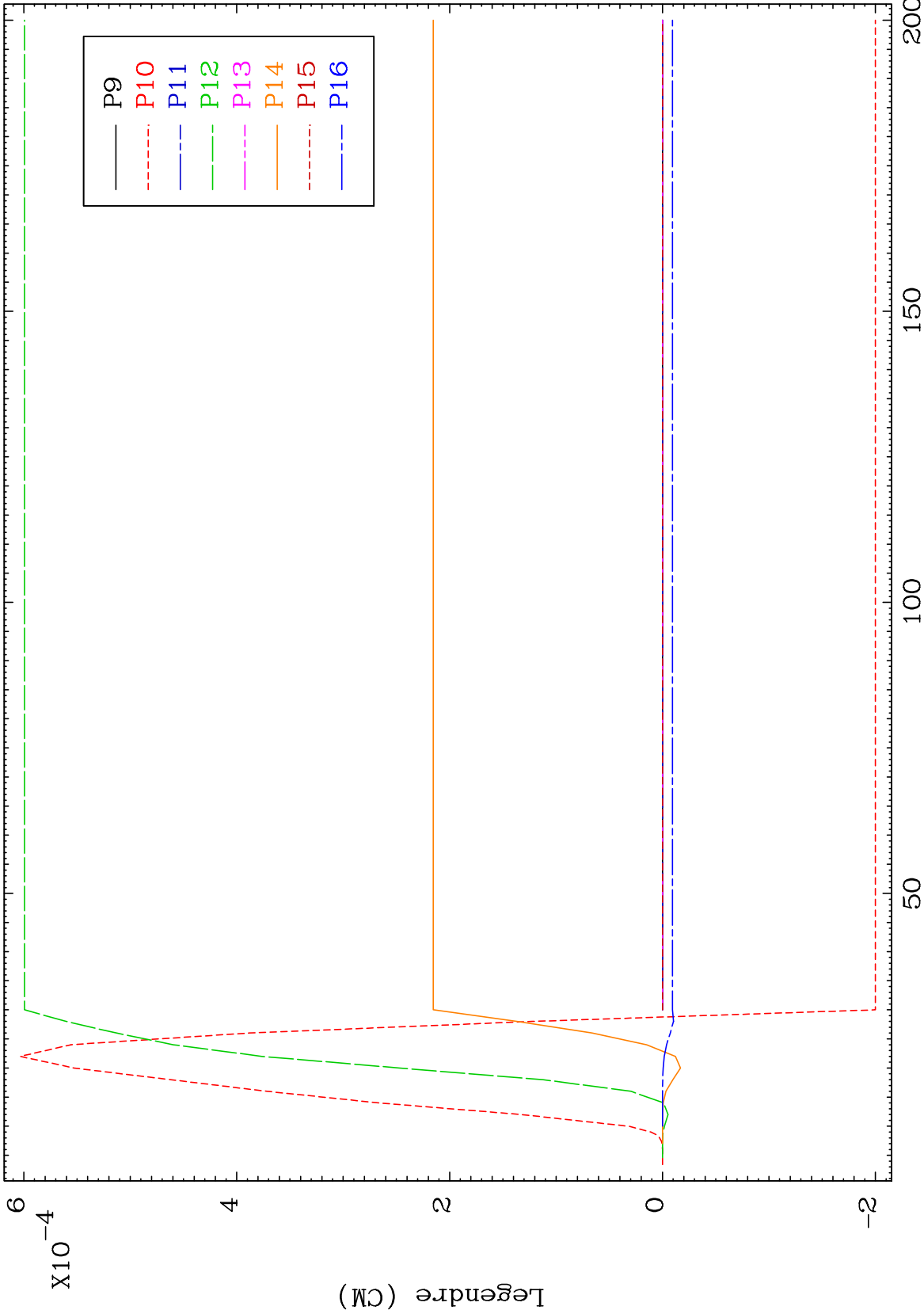
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



125

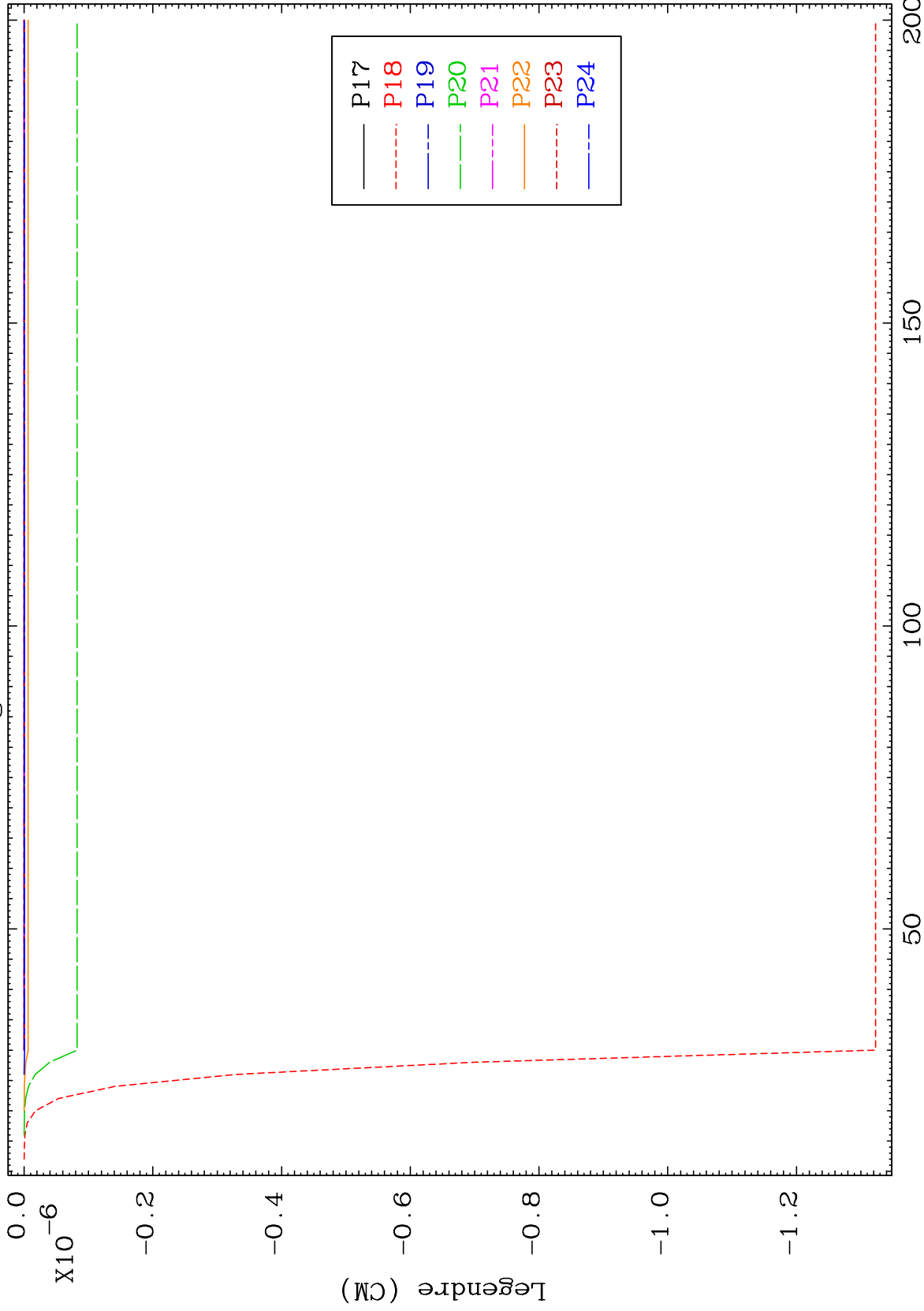
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



126

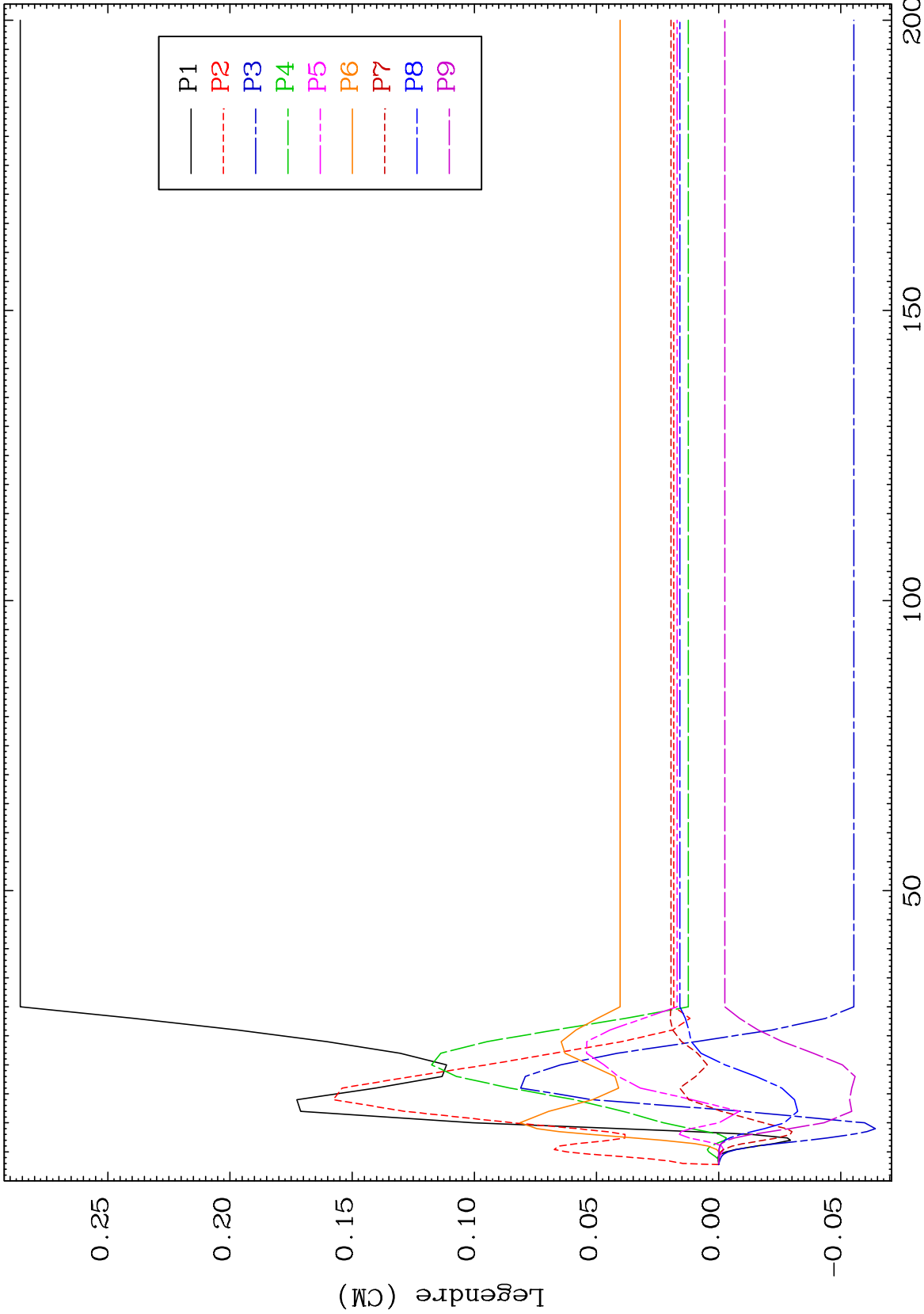
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93



127

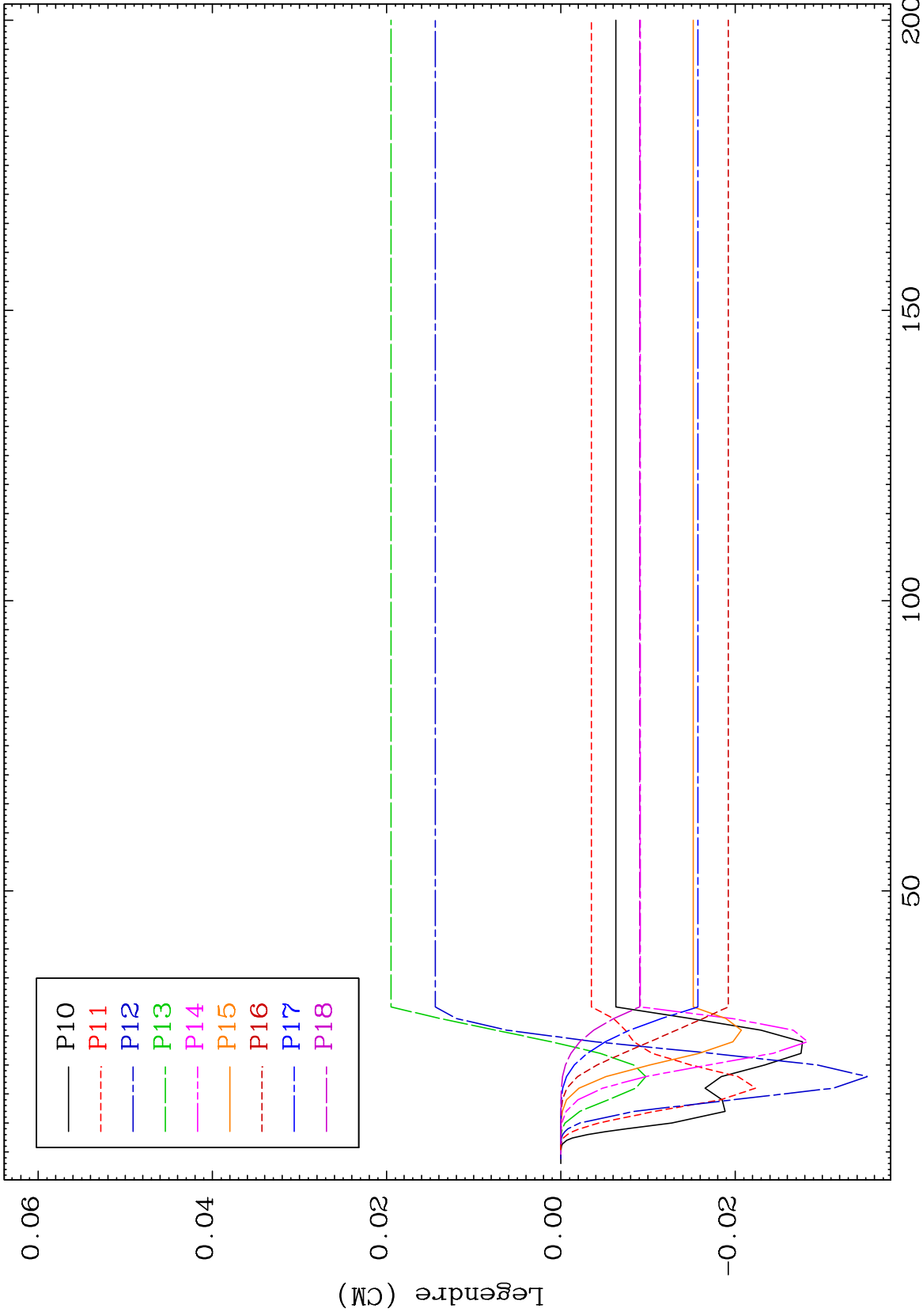
Incident Energy (MeV)

39-Y -93

MAT 3937

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

39-Y -93

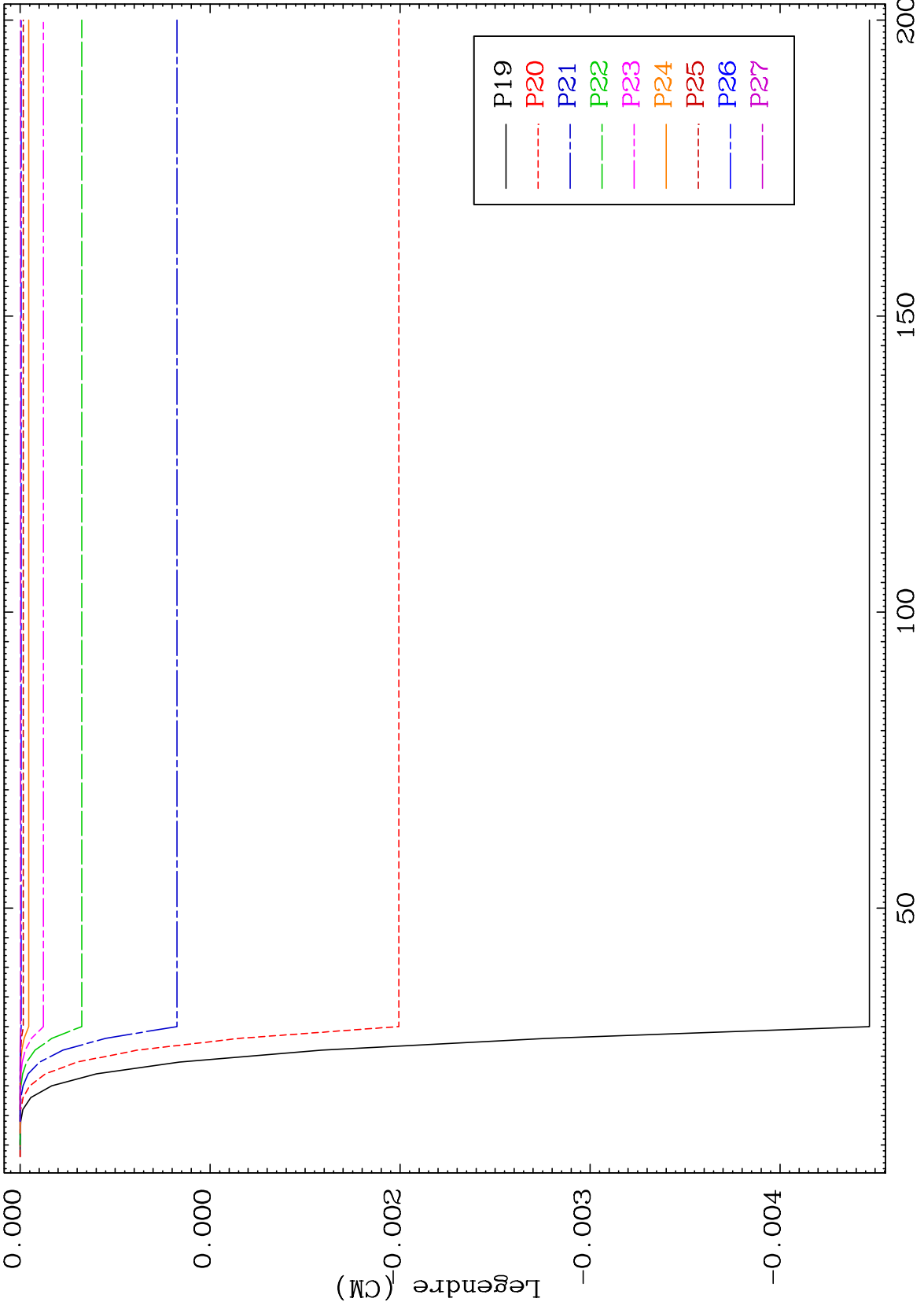


128

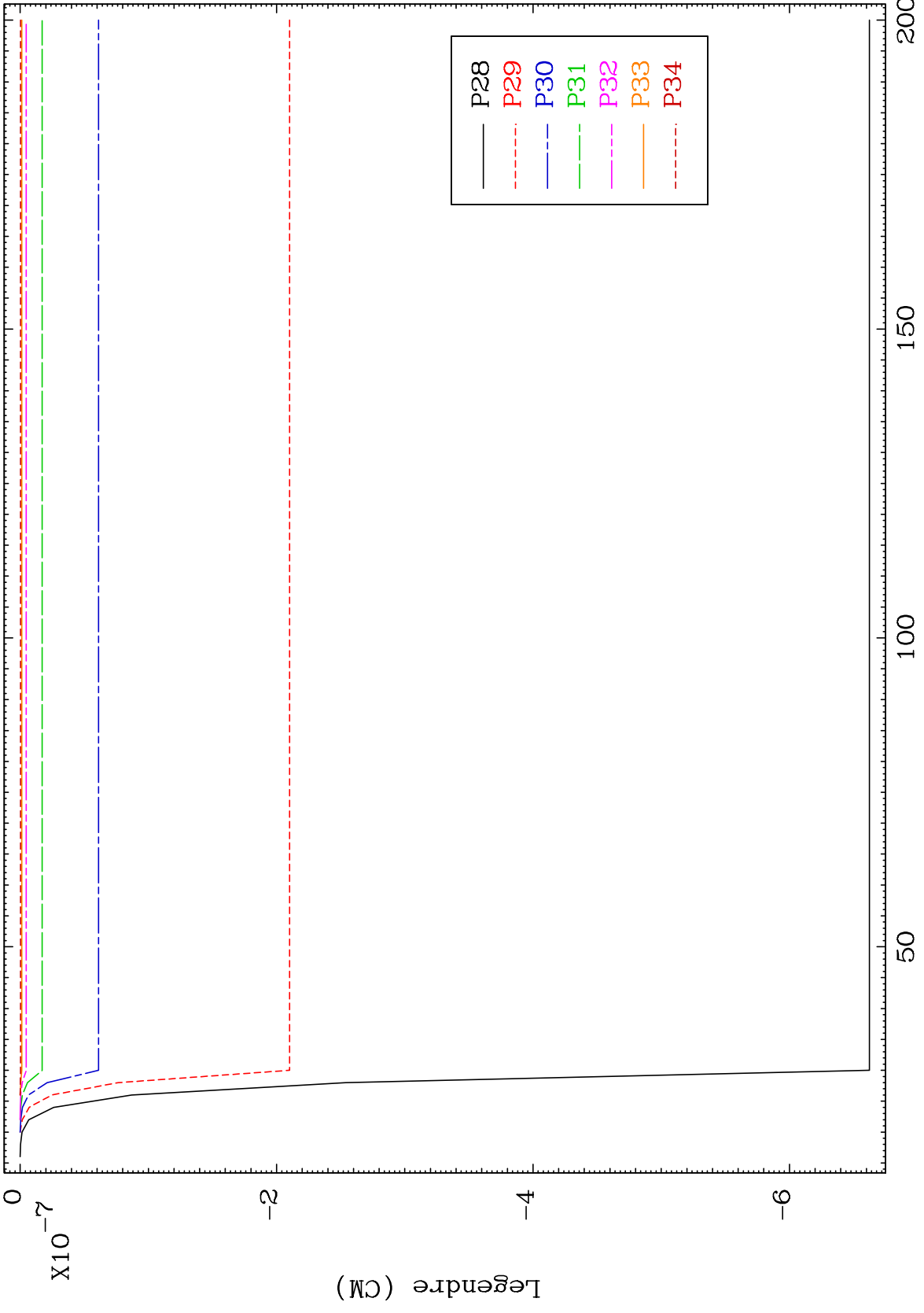
Incident Energy (MeV)

39-Y -93

MAT 3937 MT= 80 (n,n') Level Legendre Coefficients 39-Y -93



MAT 3937 MT= 80 (n,n') Level Legendre Coefficients 39-Y -93

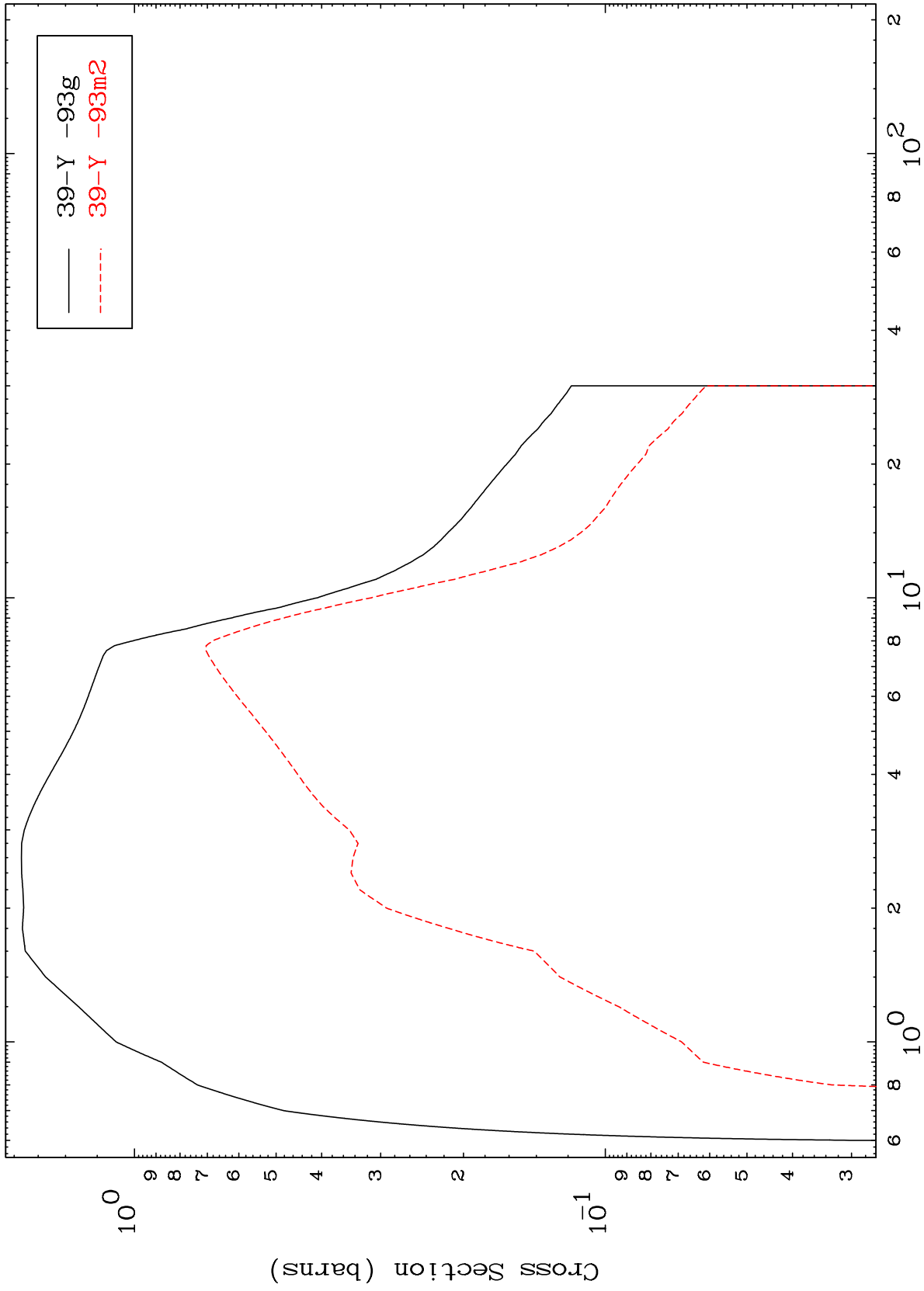


130 Incident Energy (MeV) 39-Y -93

MAT 3937

39-Y -93

Inelastic
Radionuclide Production Cross Section



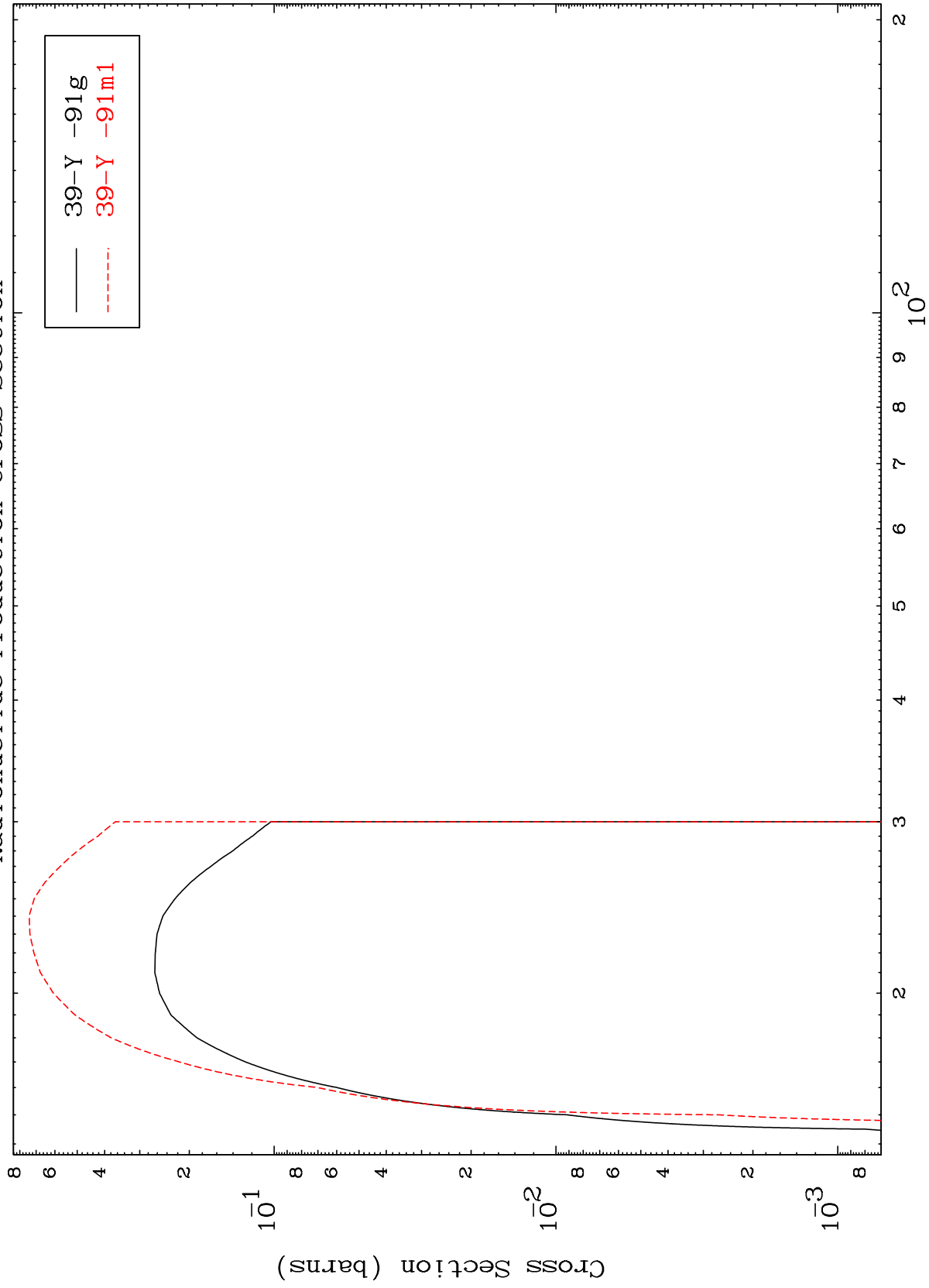
131

39-Y -93

MAT 3937

39-Y -93

(n,3n)
Radionuclide Production Cross Section



132

Incident Energy (MeV)

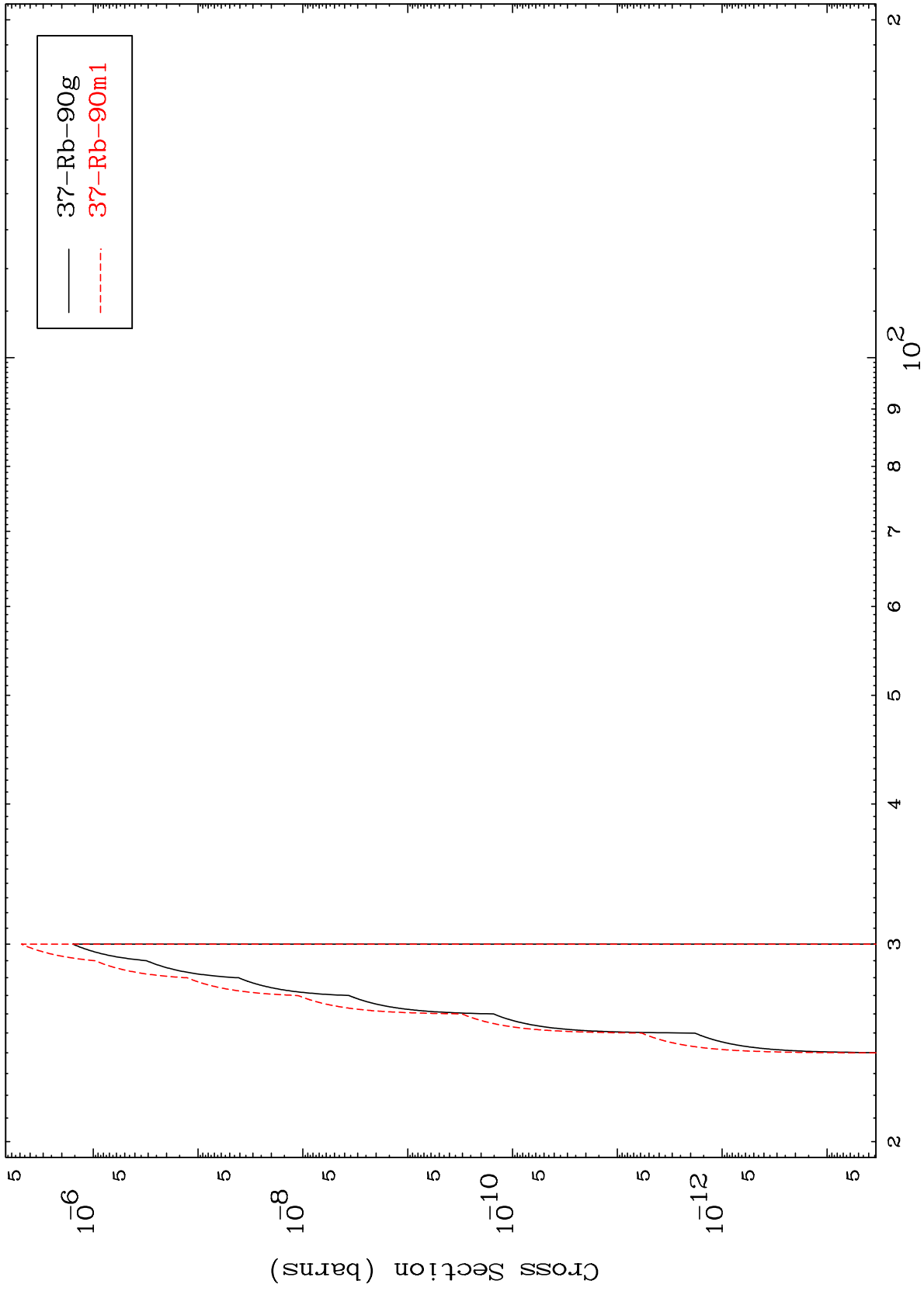
39-Y -93

MAT 3937

(n, n') He-3

39-Y -93

Radionuclide Production Cross Section



133

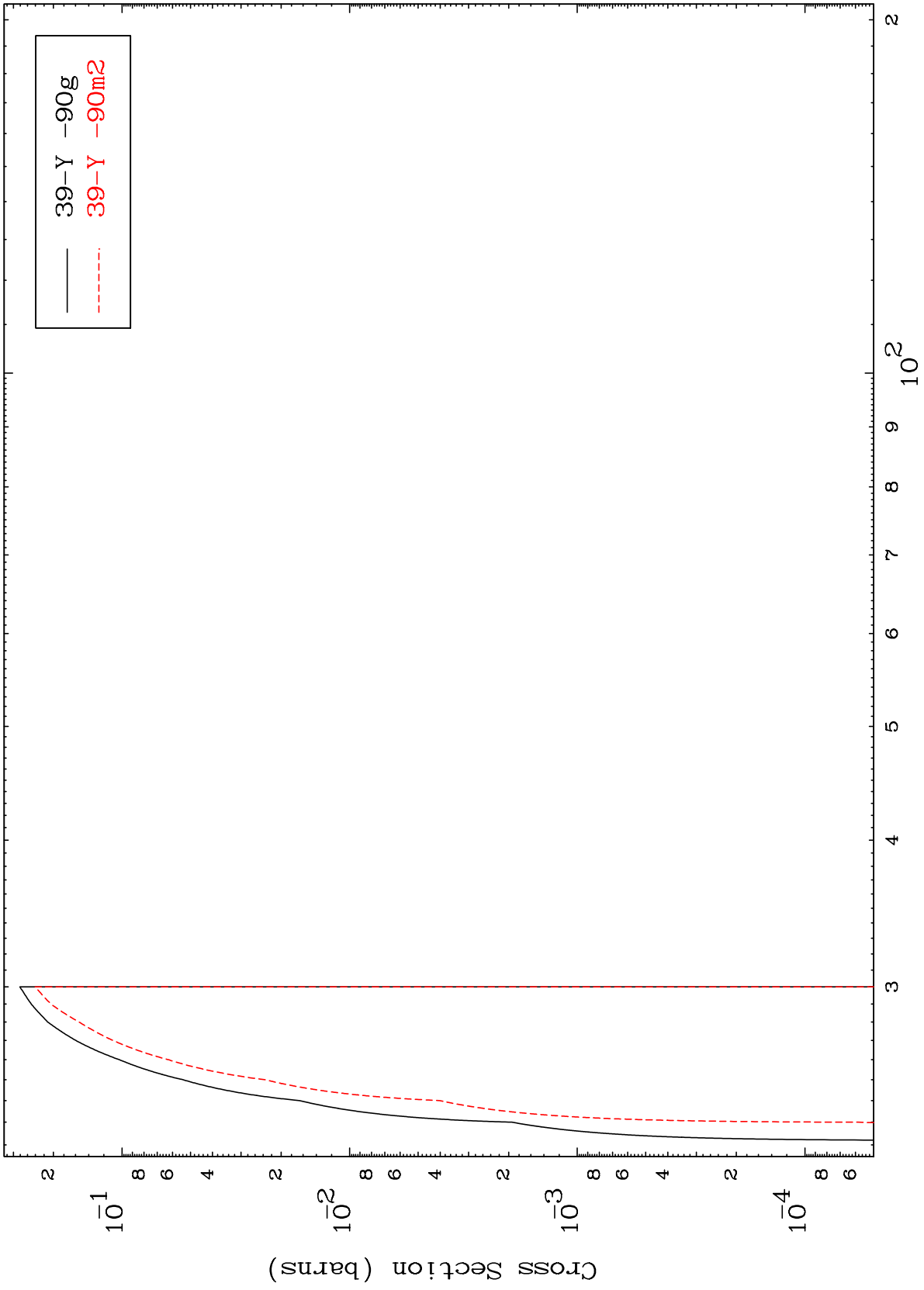
Incident Energy (MeV)

39-Y -93

MAT 3937

39-Y -93

(n,4n)
Radionuclide Production Cross Section



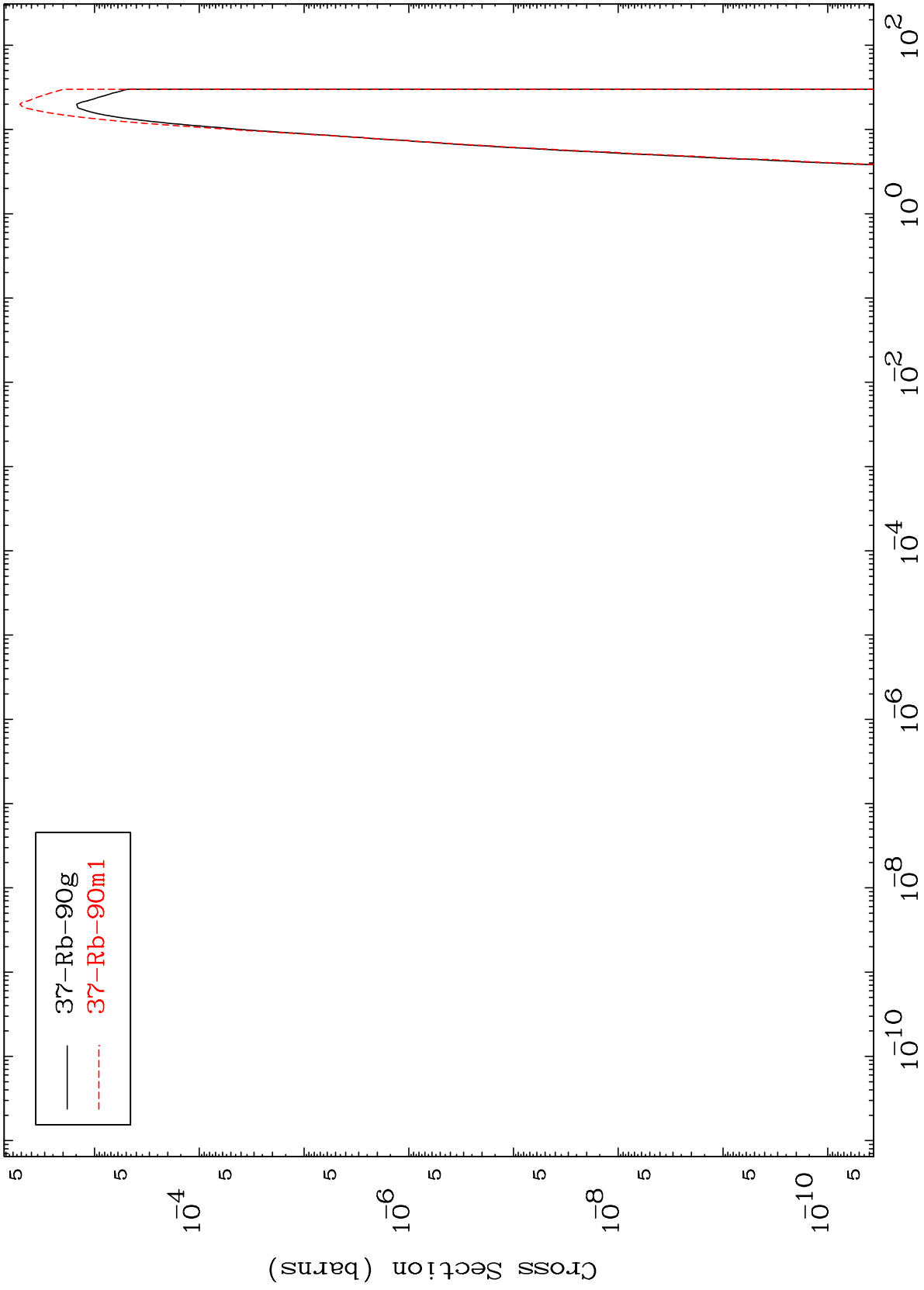
134

39-Y -93

MAT 3937

(n,α)
Radionuclide Production Cross Section

39-Y -93



— 37-Rb-90g
- - - 37-Rb-90m1

135

Incident Energy (MeV)

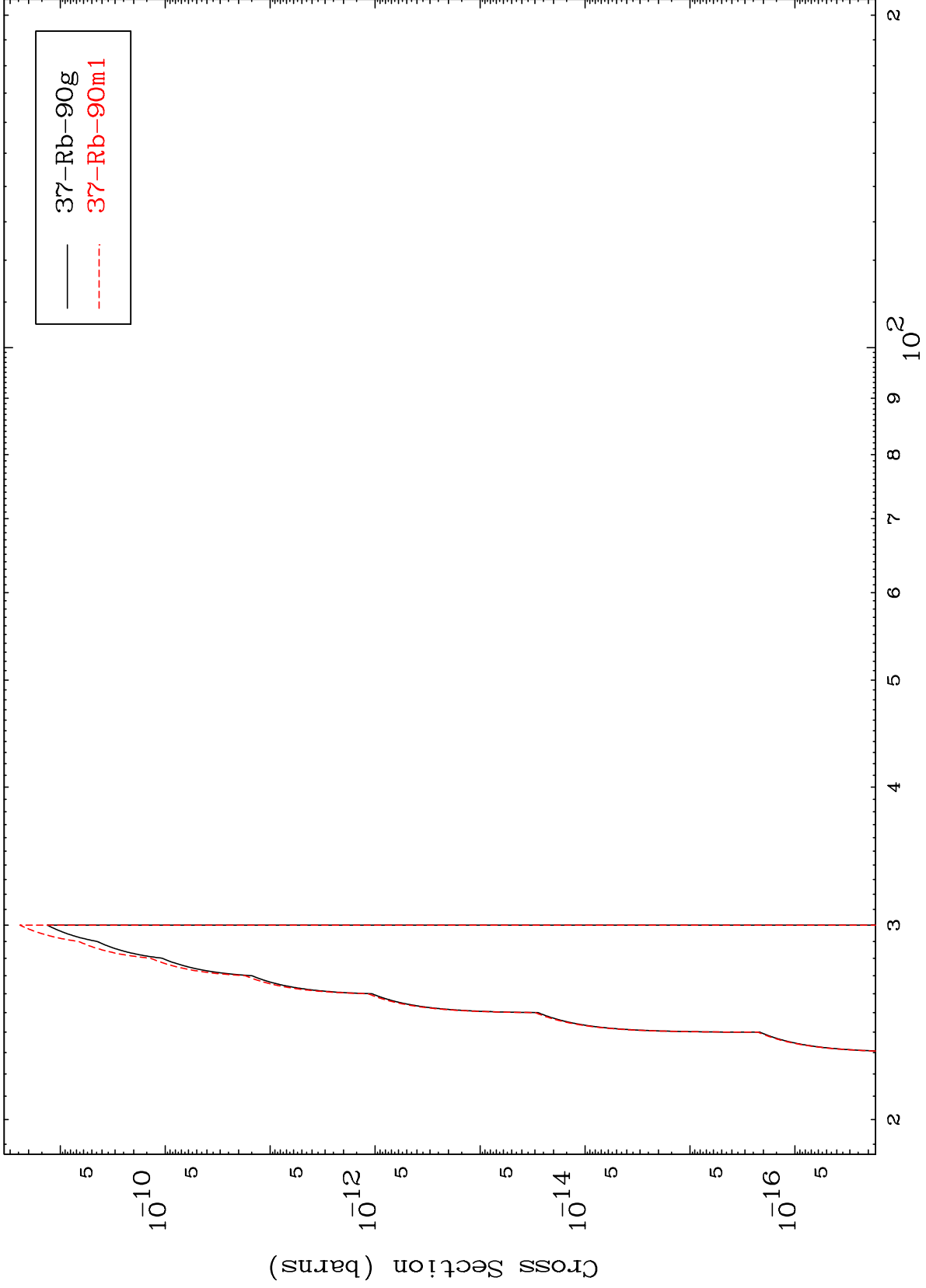
39-Y -93

MAT 3937

(n,p) t

39-Y -93

Radionuclide Production Cross Section



136

Incident Energy (MeV)

39-Y -93