

Program EVALPLOT
(Version 2018-1)

by

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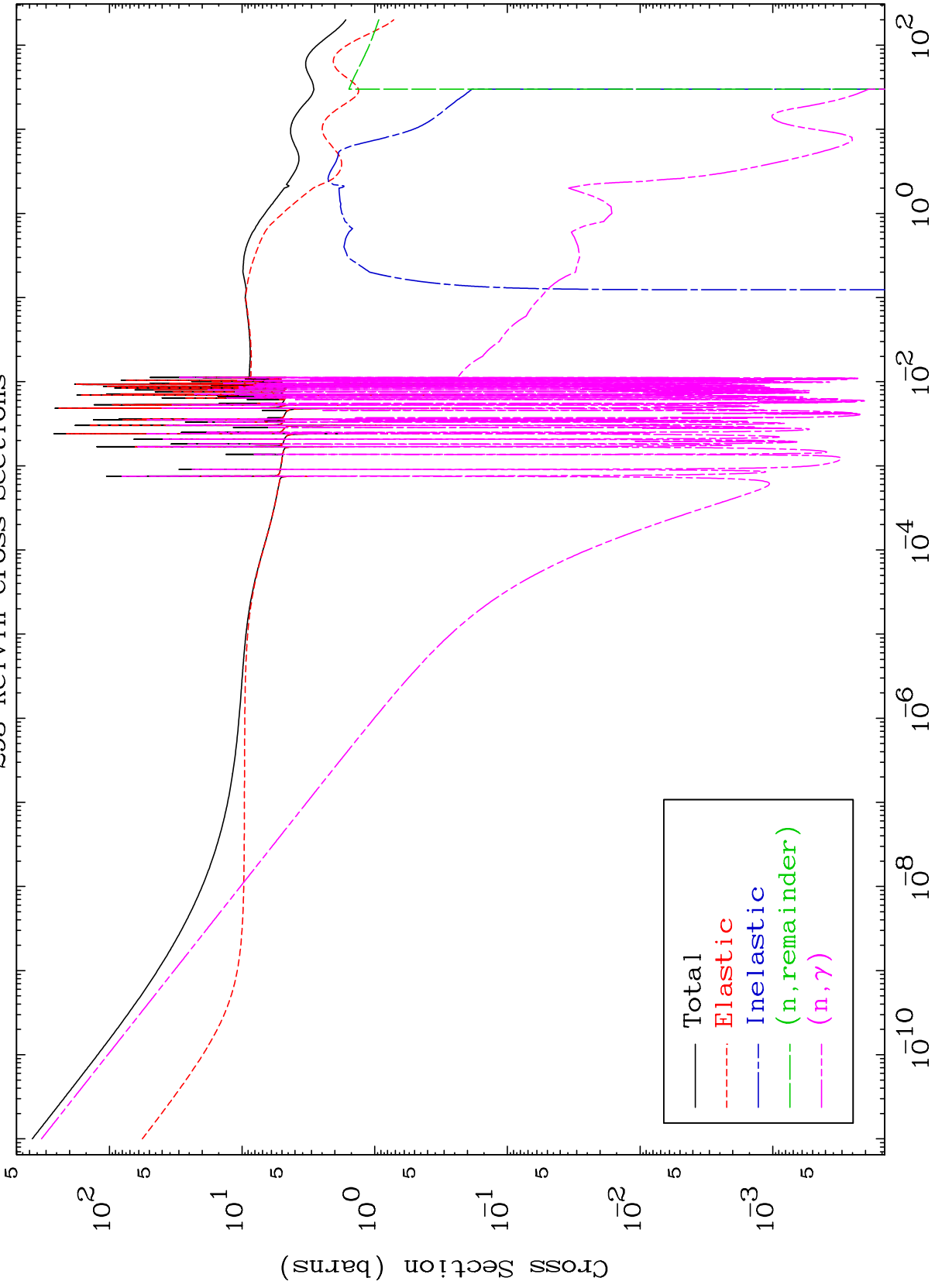
Press Mouse Button to Start

MAT 3946

Major

293 Kelvin Cross Sections

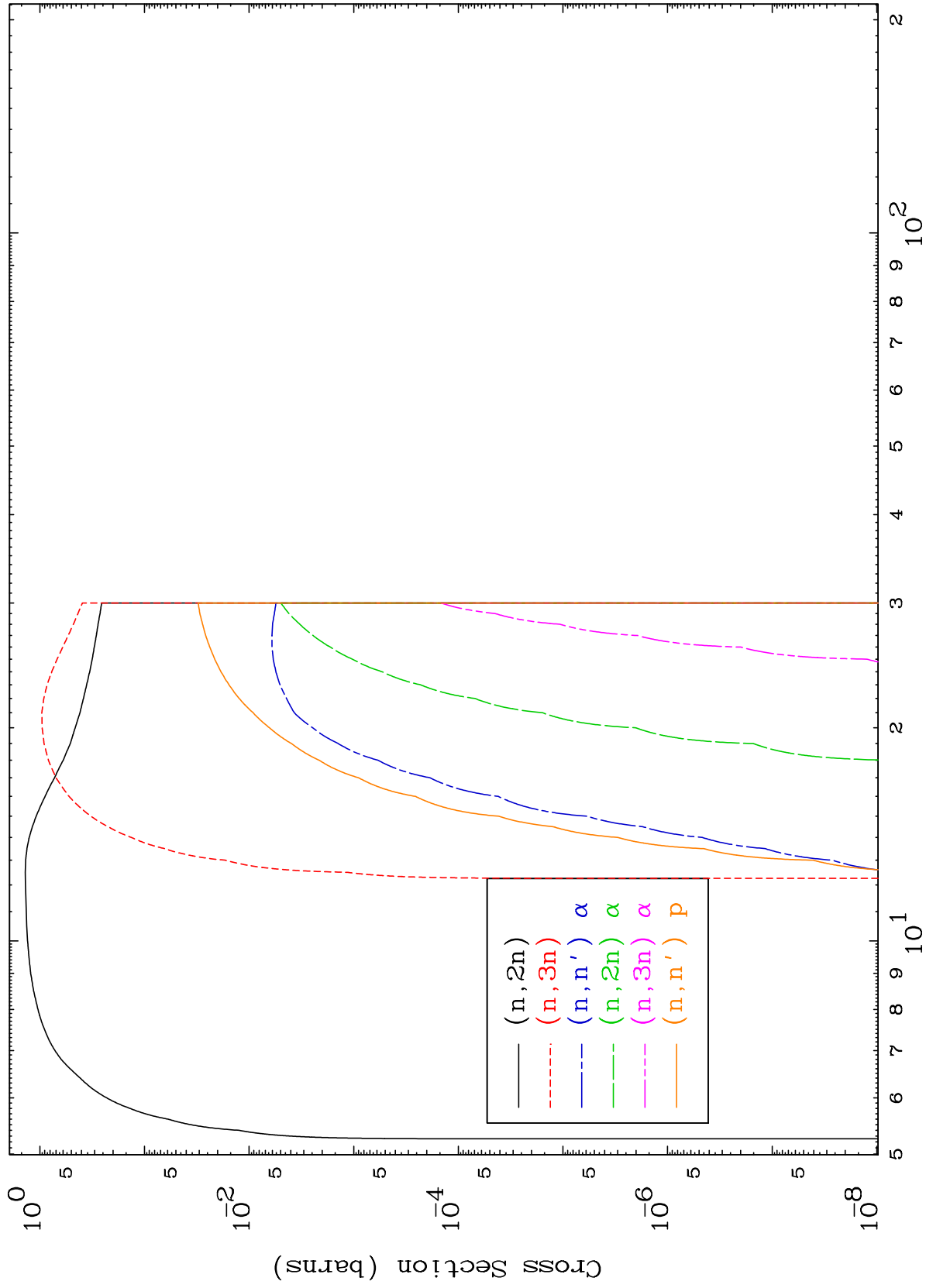
39-Y -96



MAT 3946

Neutron Production 293 Kelvin Cross Sections

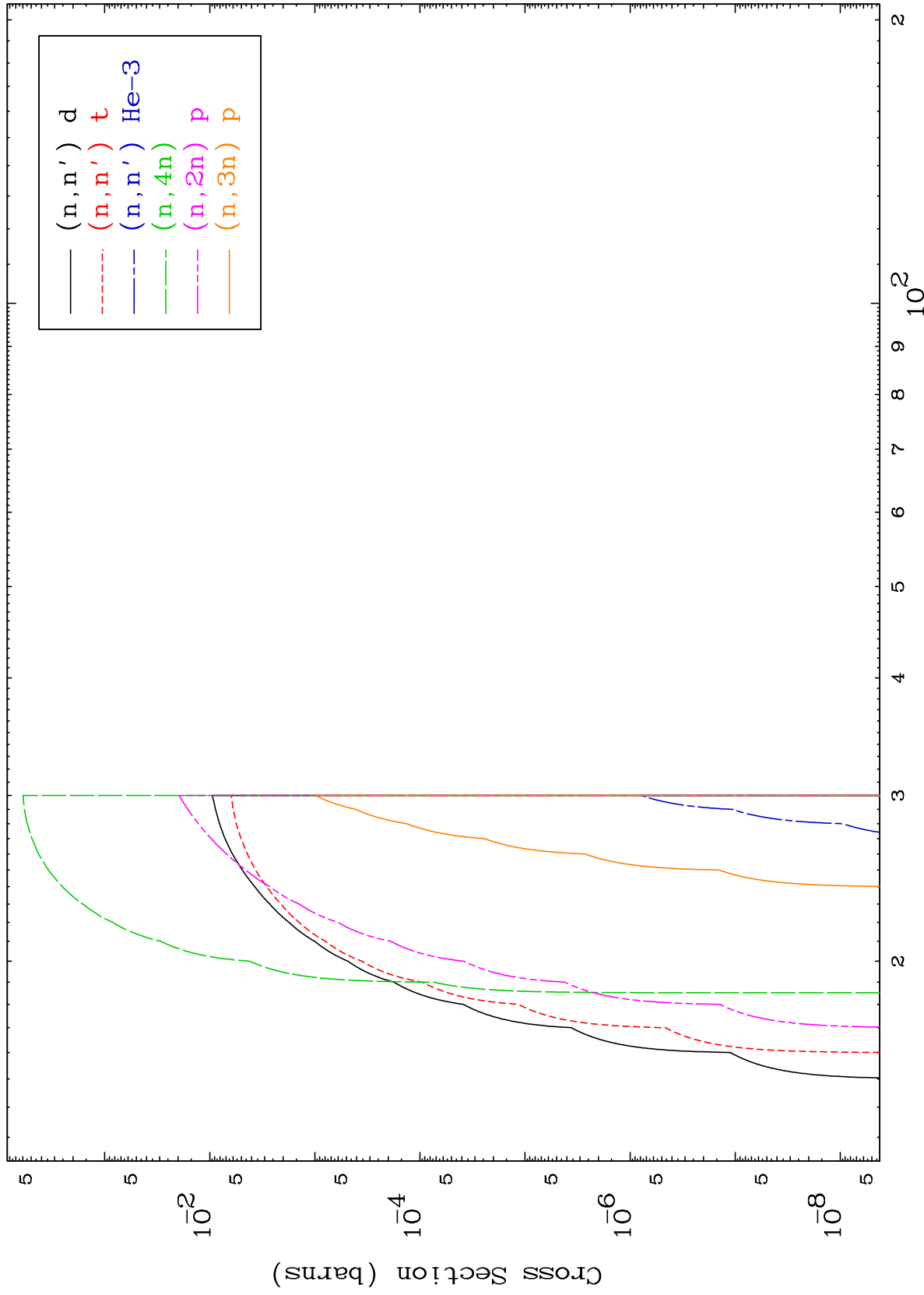
39-Y -96

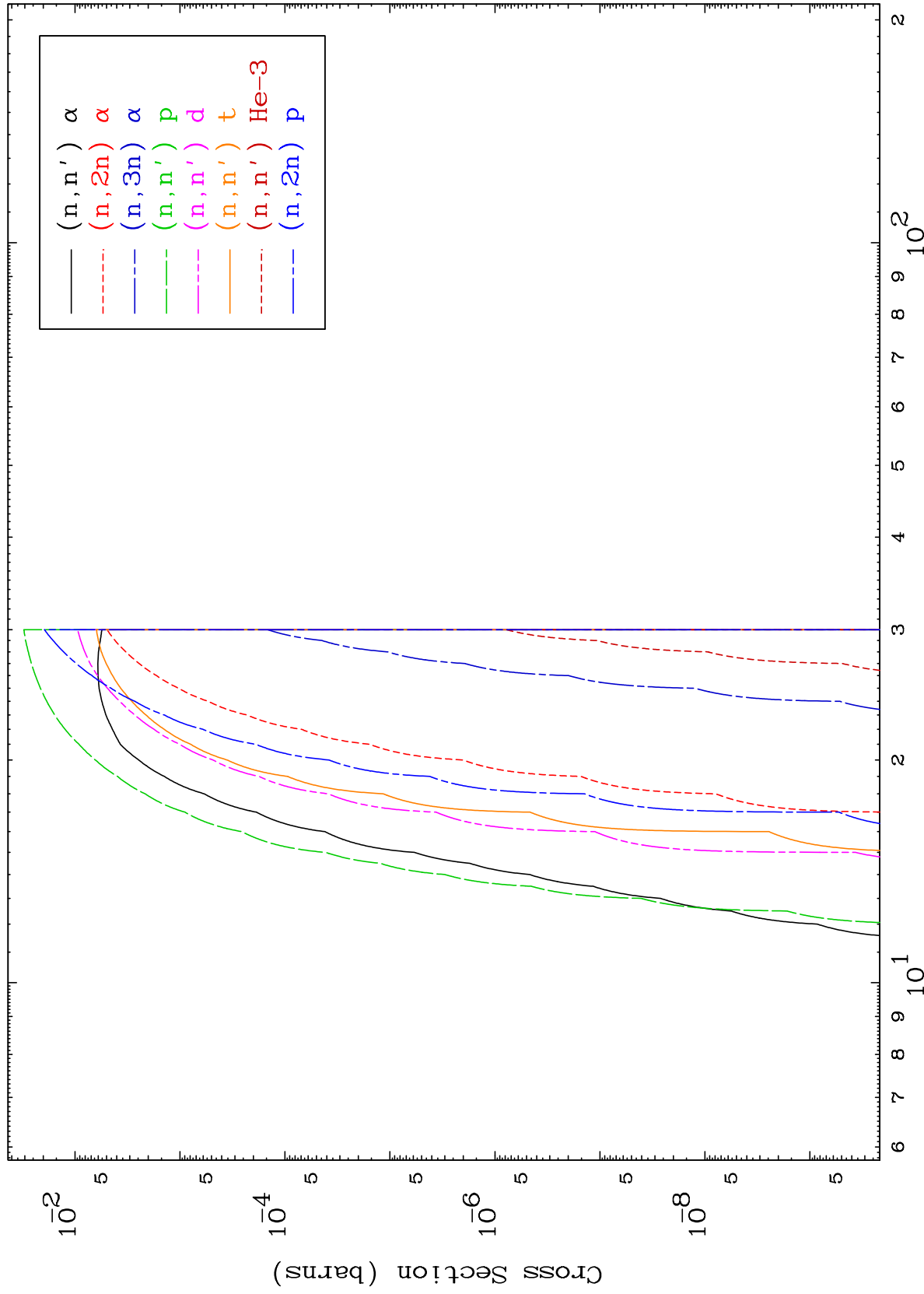


2

Incident Energy (MeV)

39-Y -96

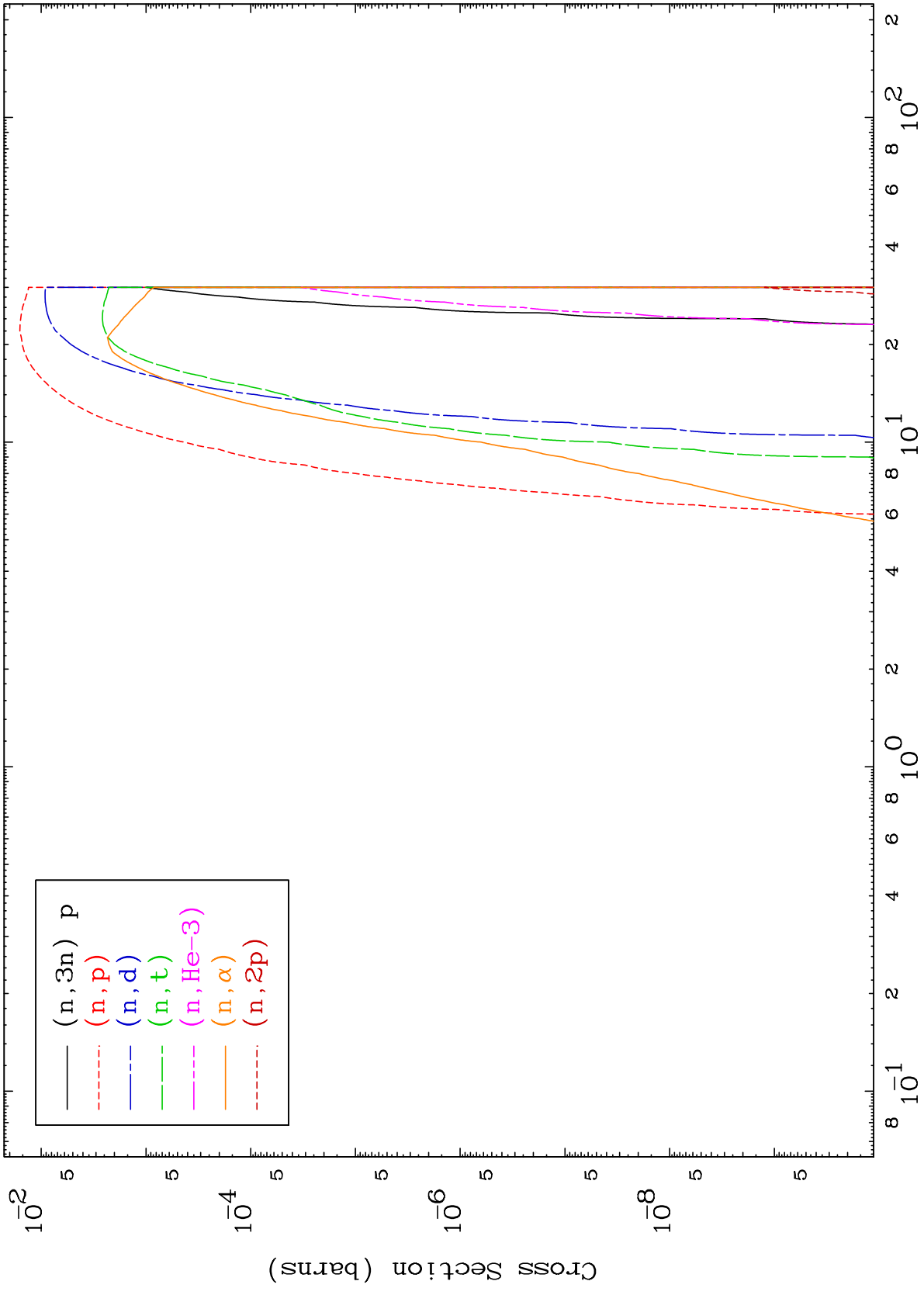




MAT 3946

293 Kelvin Charged Particle Cross Sections

39-Y -96



5

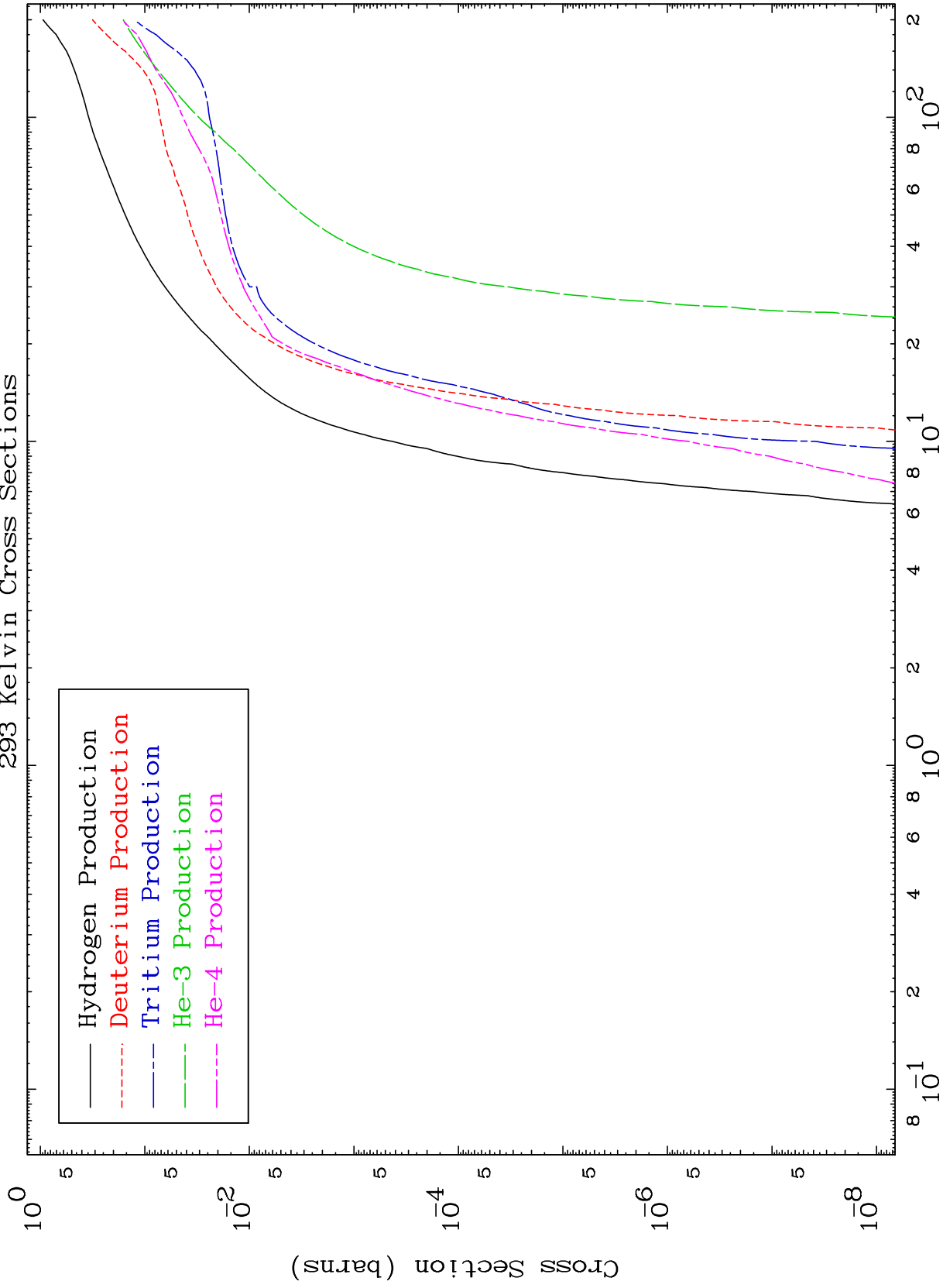
Incident Energy (MeV)

39-Y -96

MAT 3946

Particle Production
293 Kelvin Cross Sections

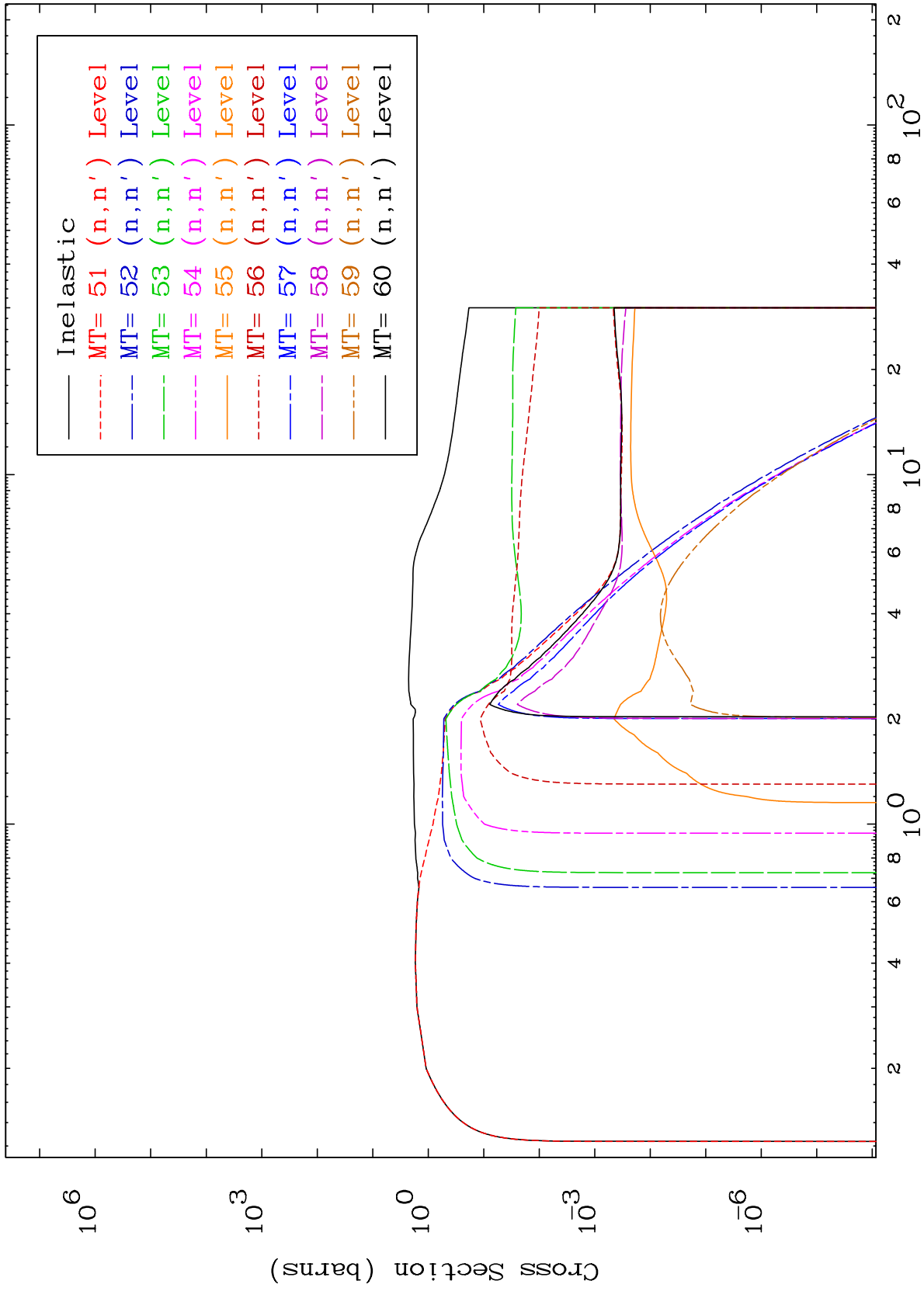
39-Y -96



6

Incident Energy (MeV)

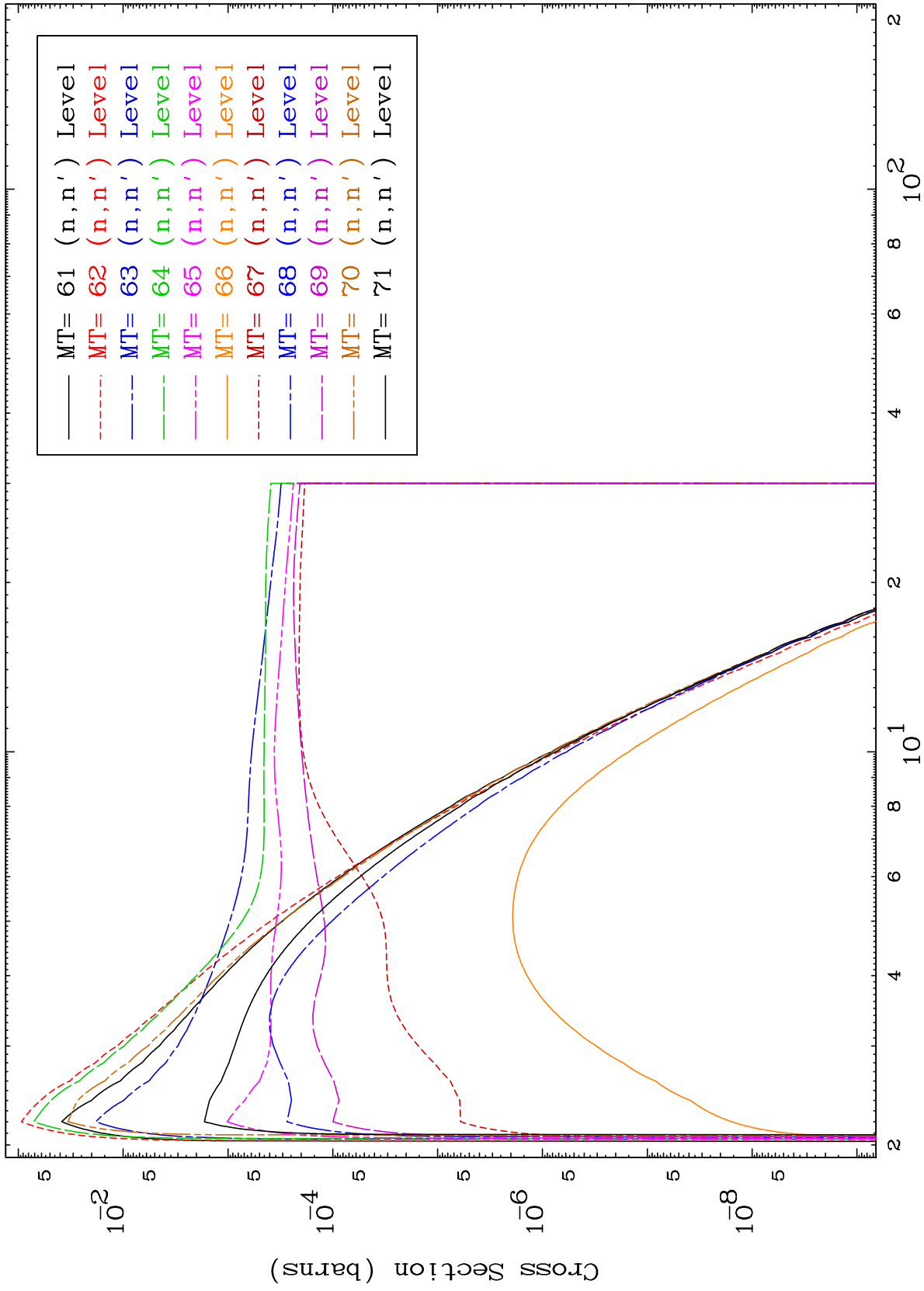
39-Y -96



MAT 3946

(n,n') Level
293 Kelvin Cross Sections

39-Y -96



8

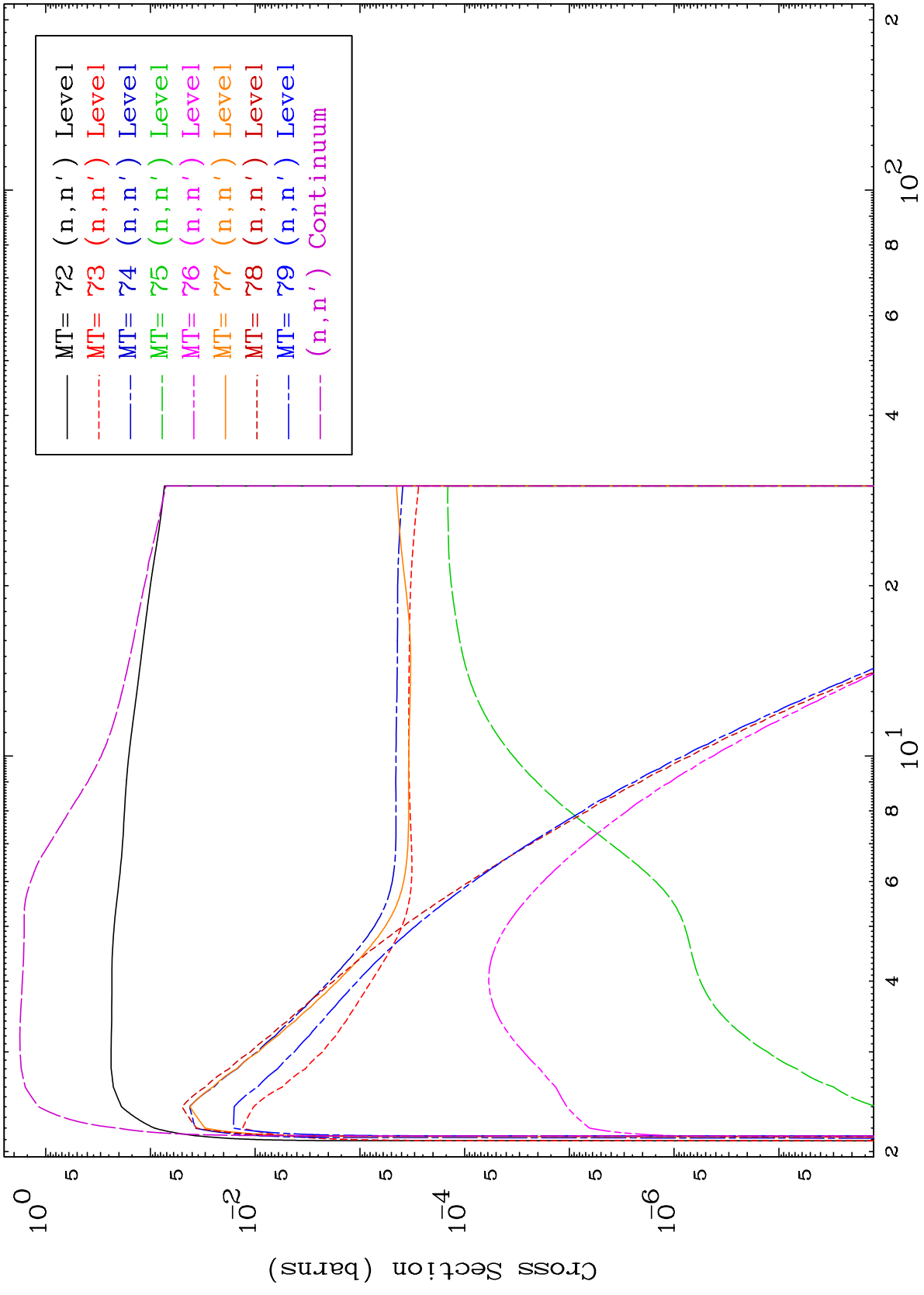
Incident Energy (MeV)

39-Y -96

MAT 3946

(n,n') Level
293 Kelvin Cross Sections

39-Y -96



9

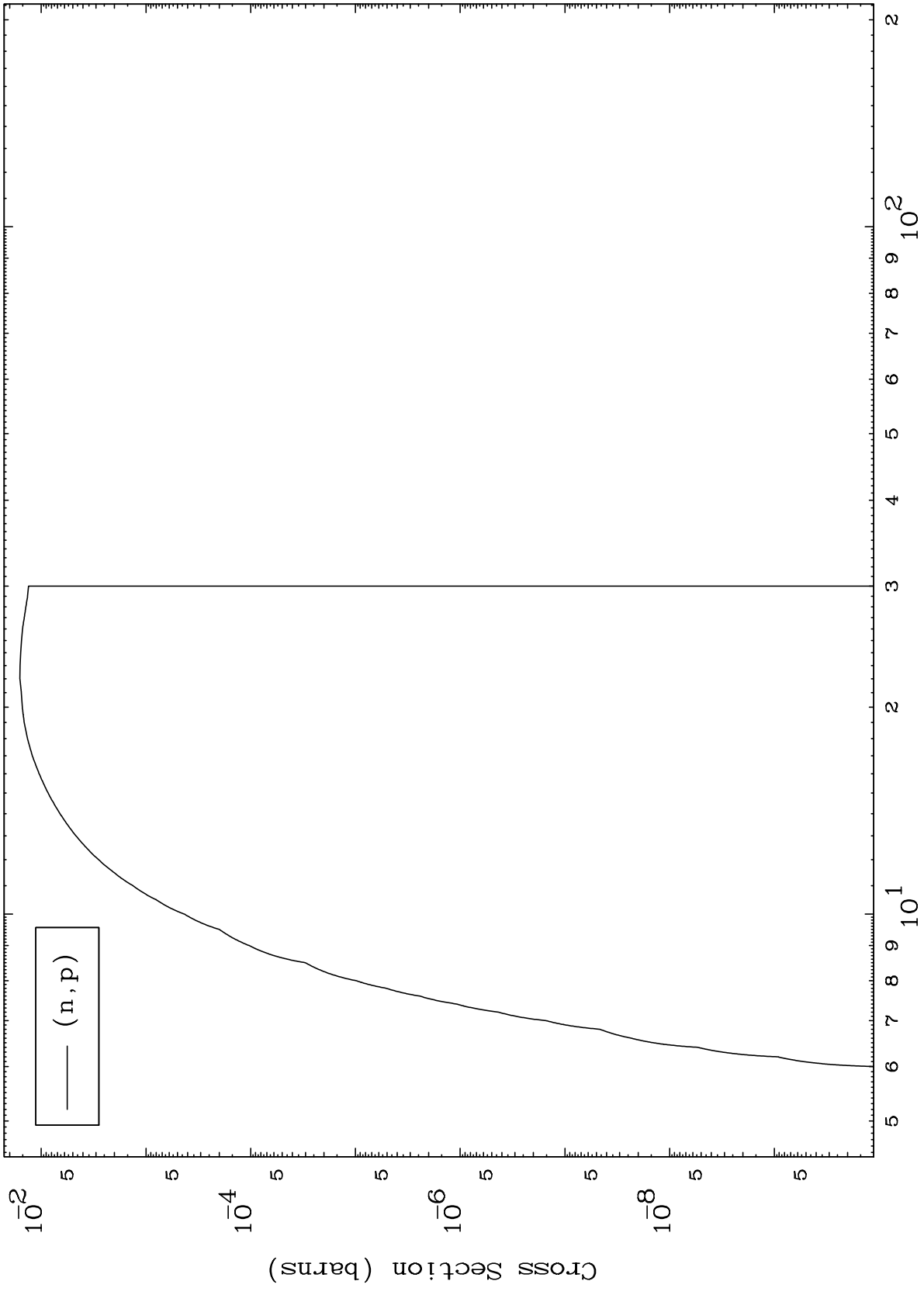
Incident Energy (MeV)

39-Y -96

MAT 3946

(n,p) Levels
293 Kelvin Cross Sections

39-Y -96



10

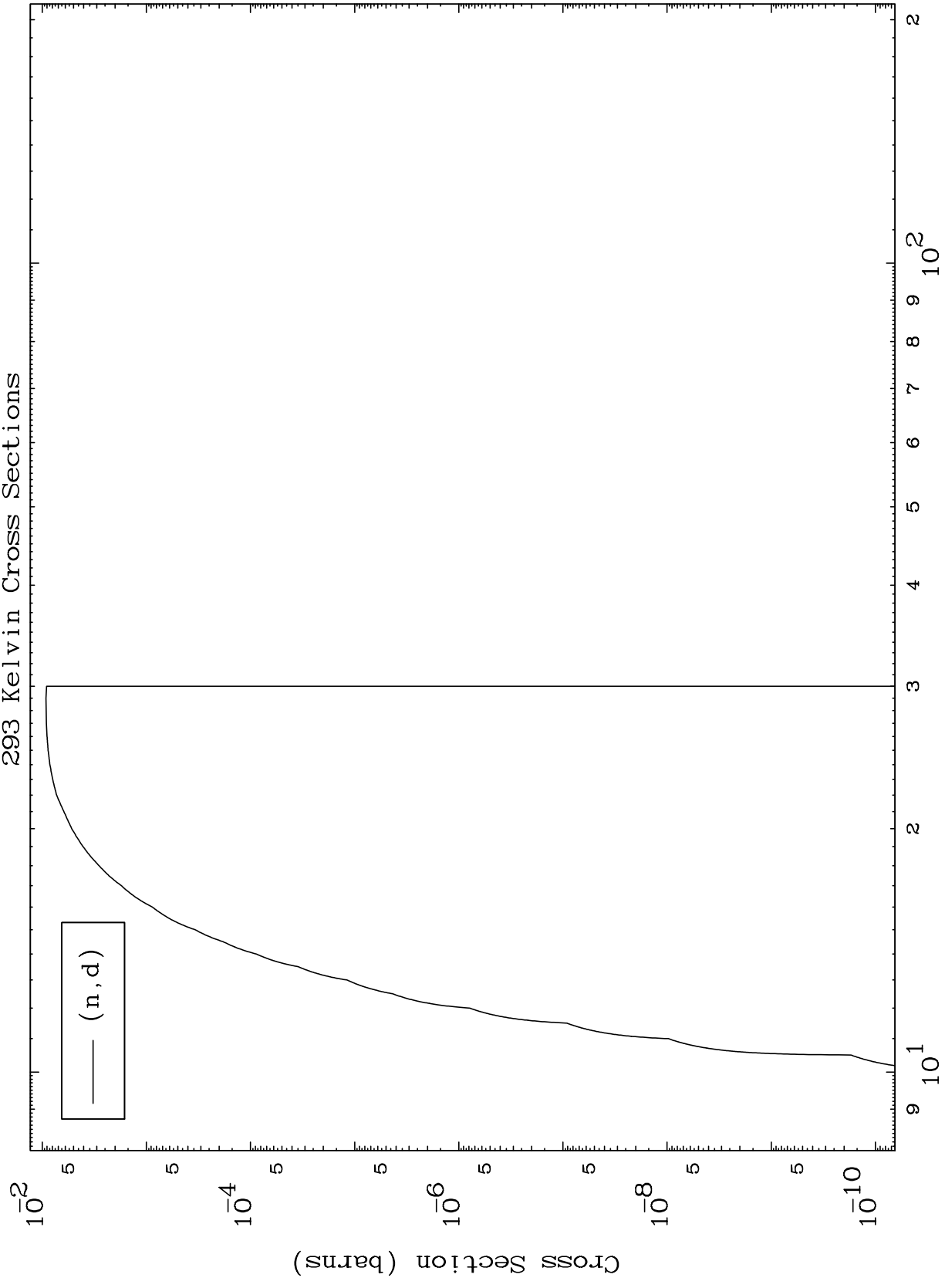
Incident Energy (MeV)

39-Y -96

MAT 3946

(n,d) Levels
293 Kelvin Cross Sections

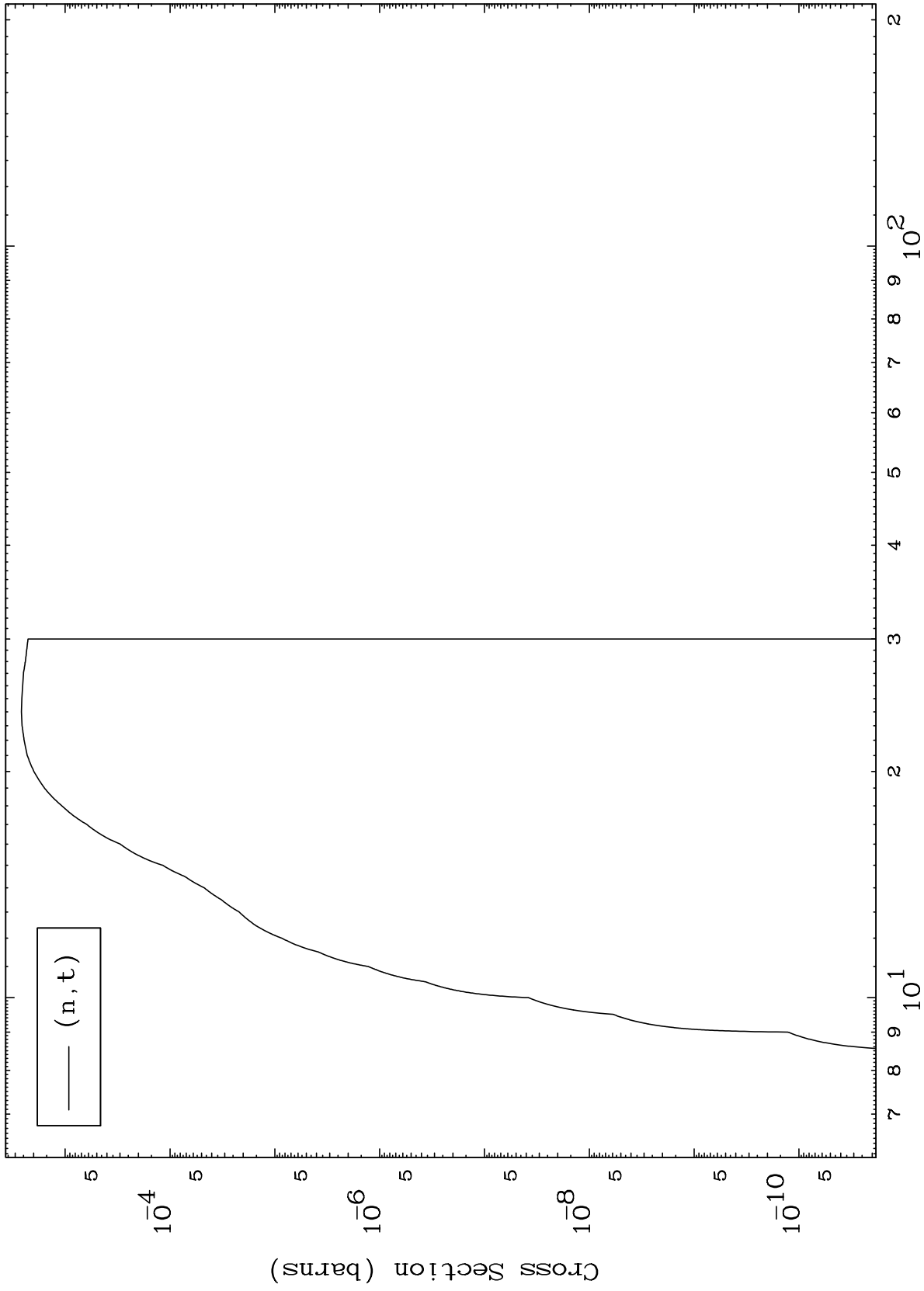
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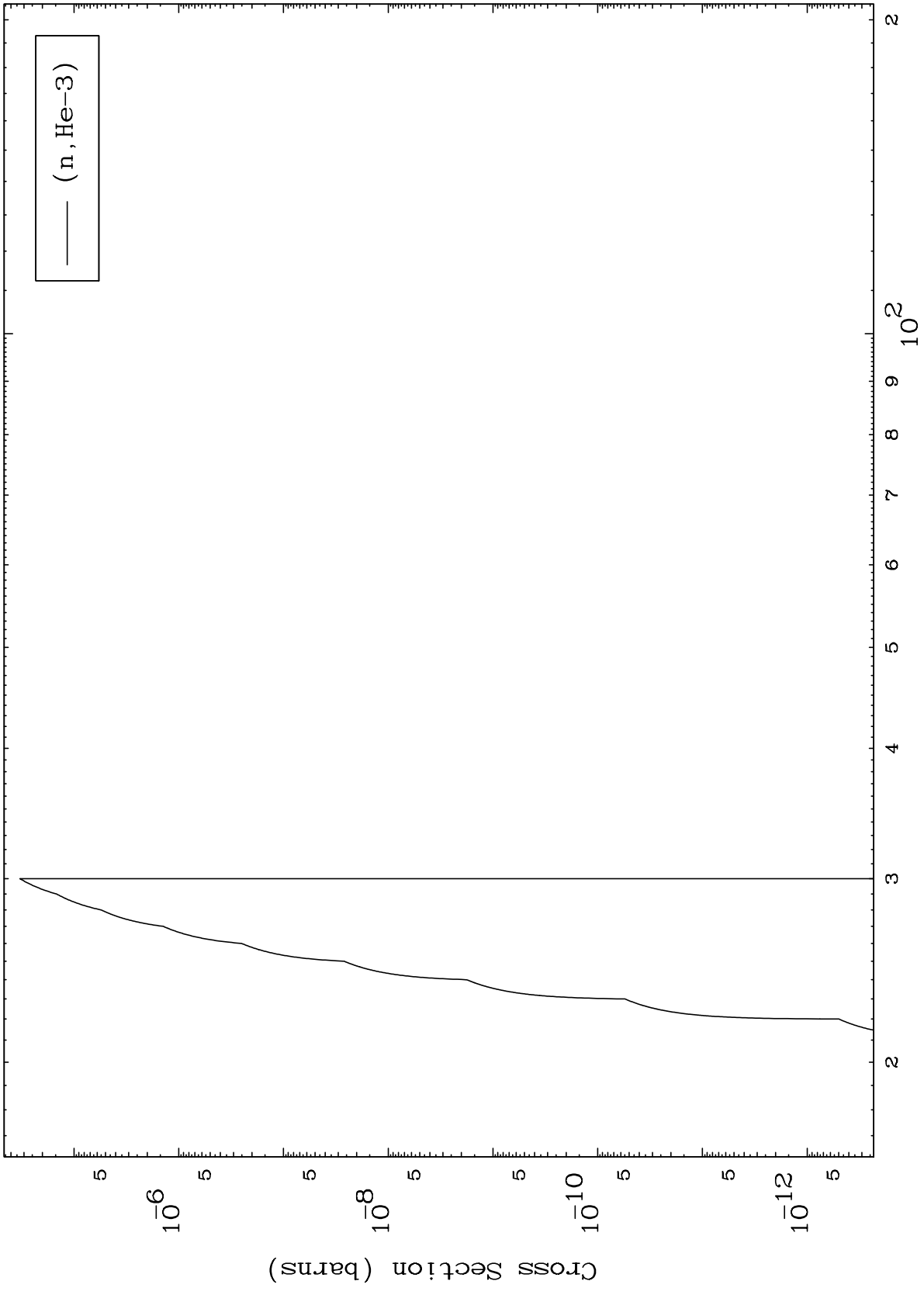


11

Incident Energy (MeV)

39-Y -96

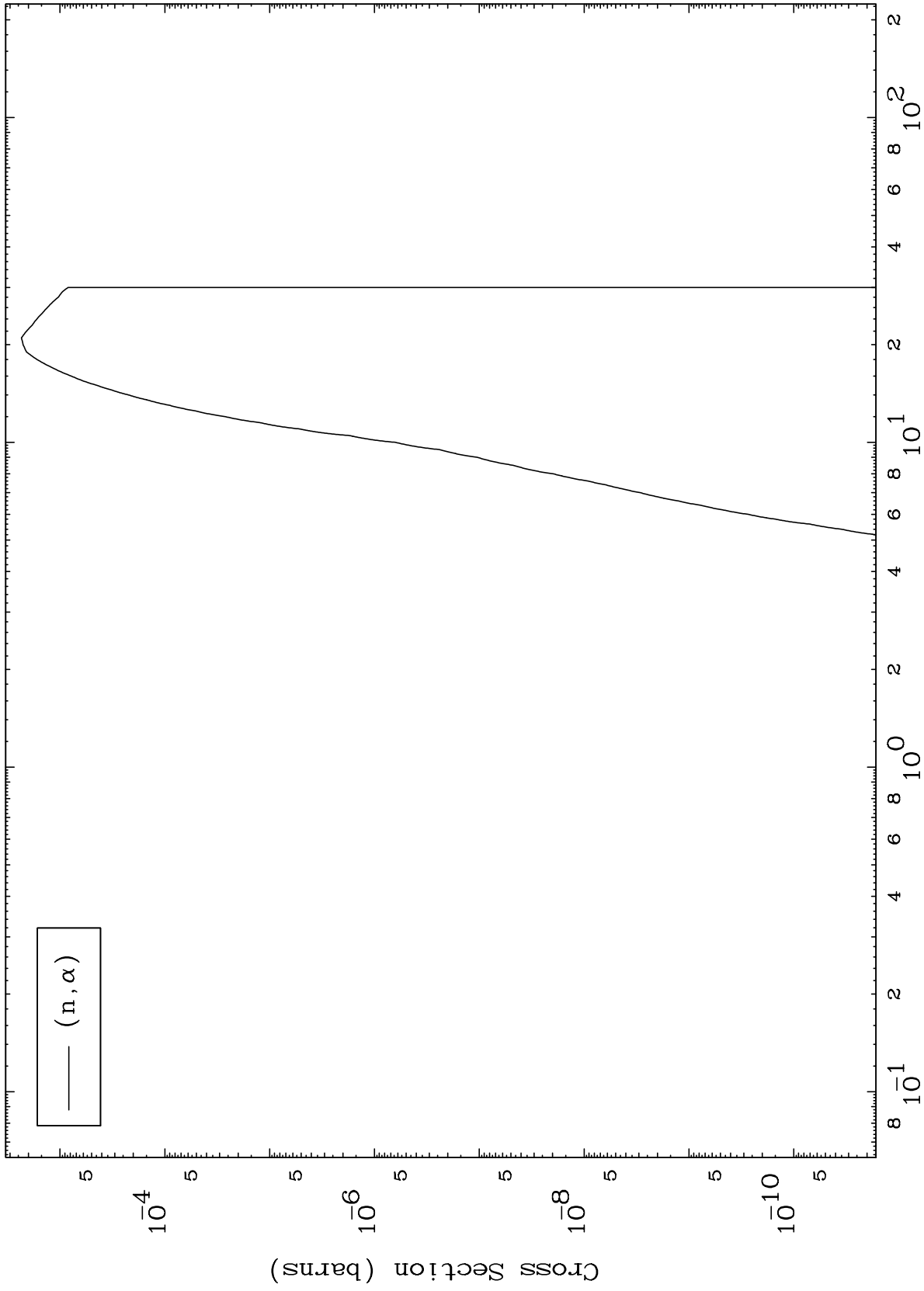




MAT 3946

(n,α) Levels
293 Kelvin Cross Sections

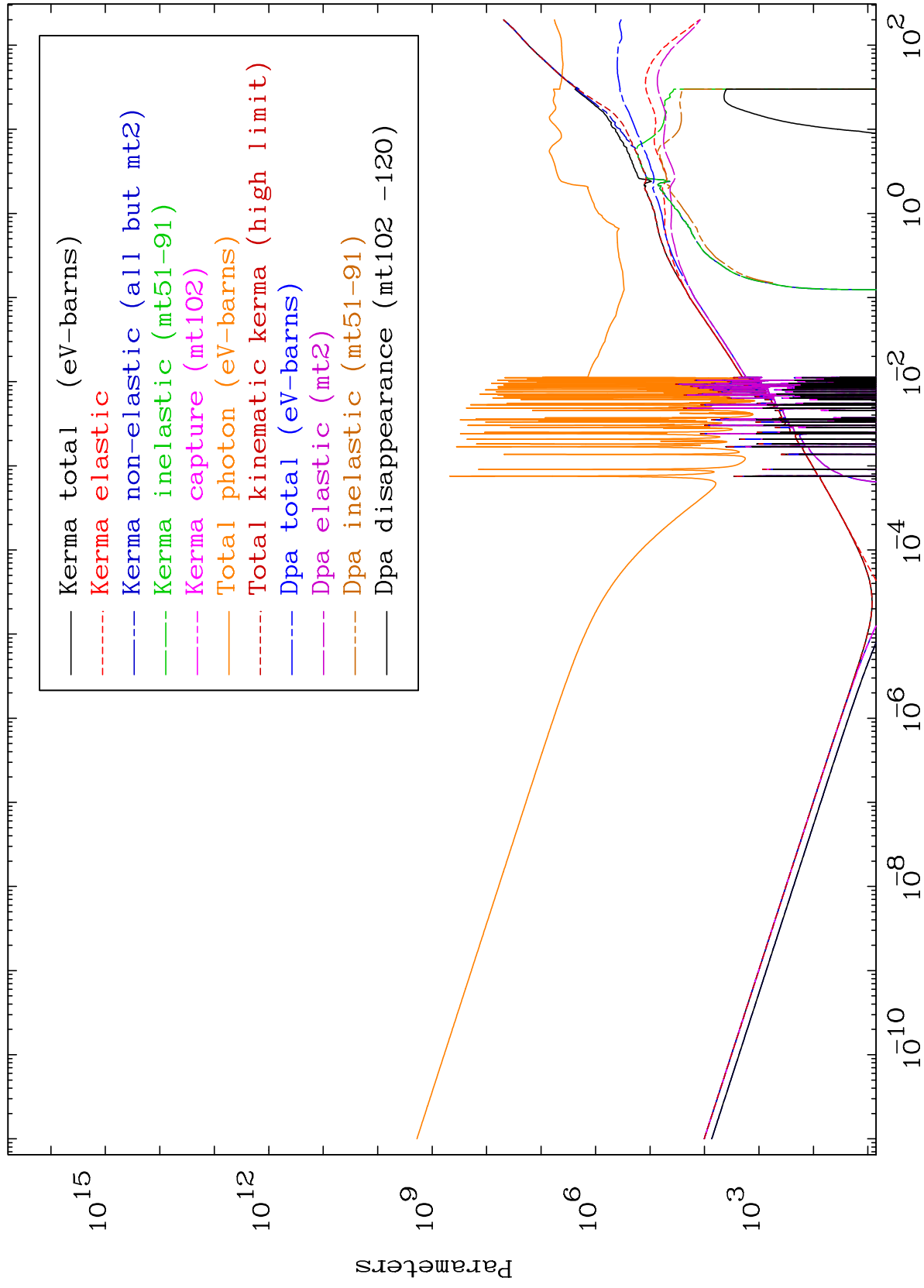
39-Y -96



14

Incident Energy (MeV)

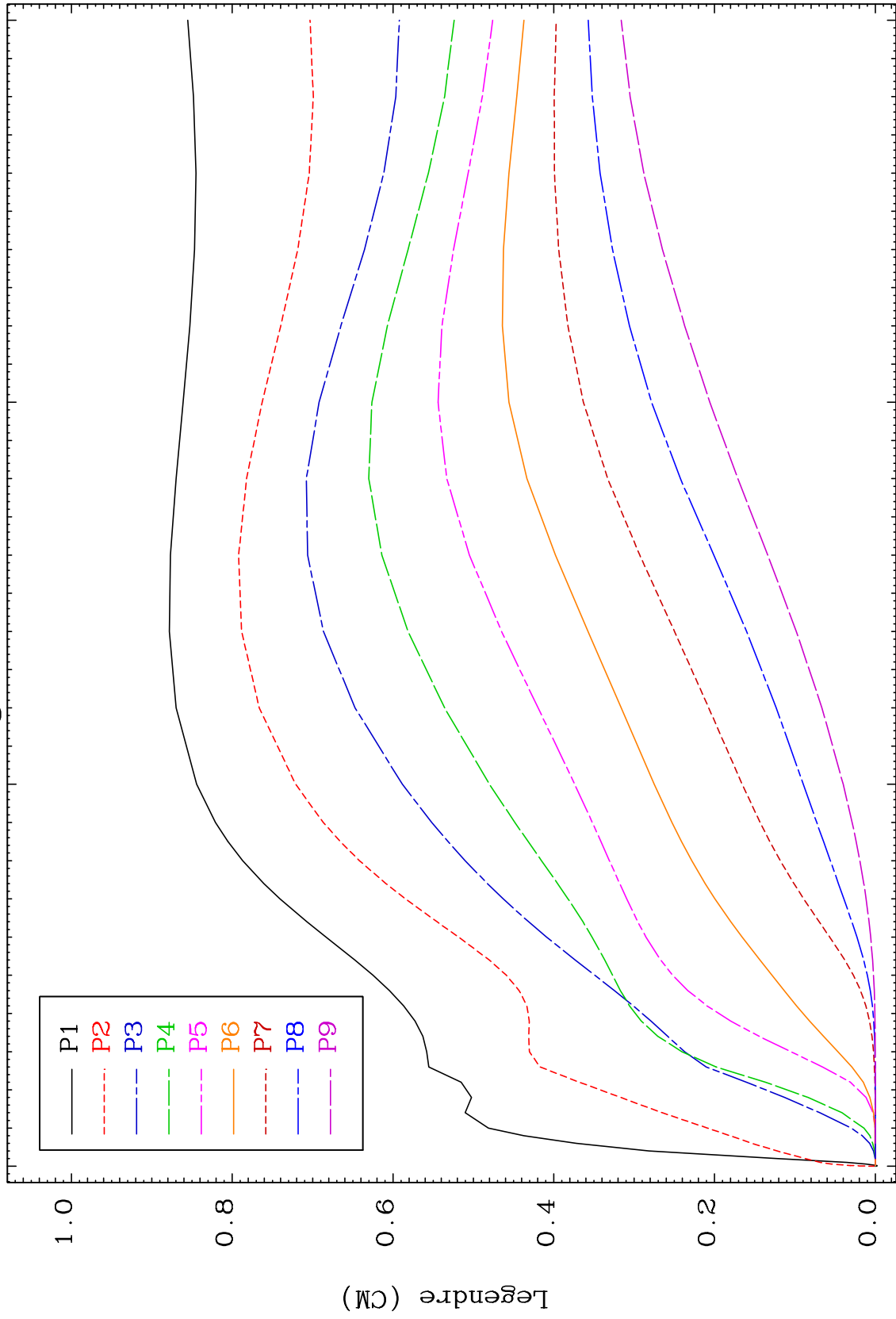
39-Y -96



MAT 3946

Elastic Legendre Coefficients

39-Y -96



16

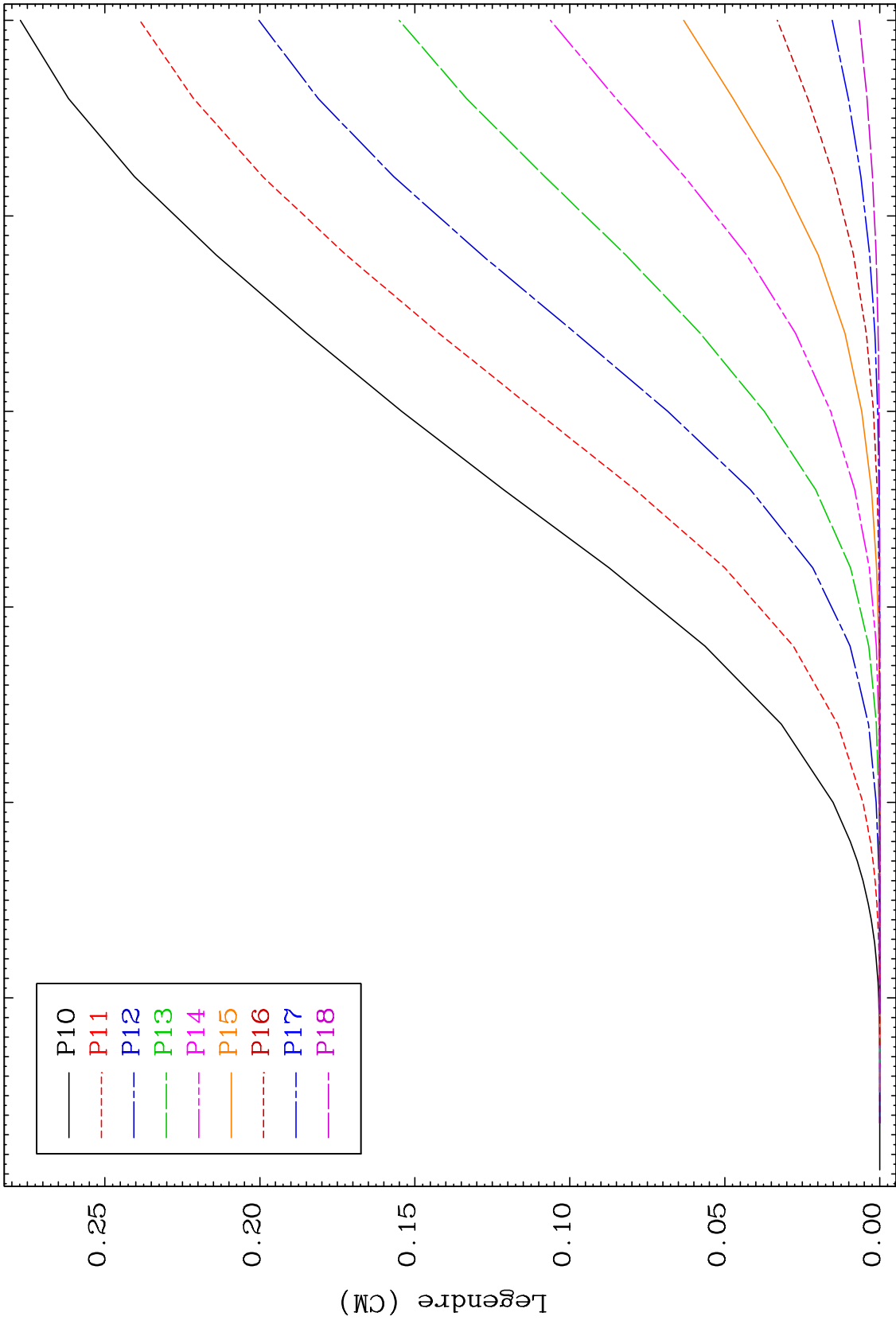
Incident Energy (MeV)

39-Y -96

MAT 3946

Elastic Legendre Coefficients

39-Y -96



17

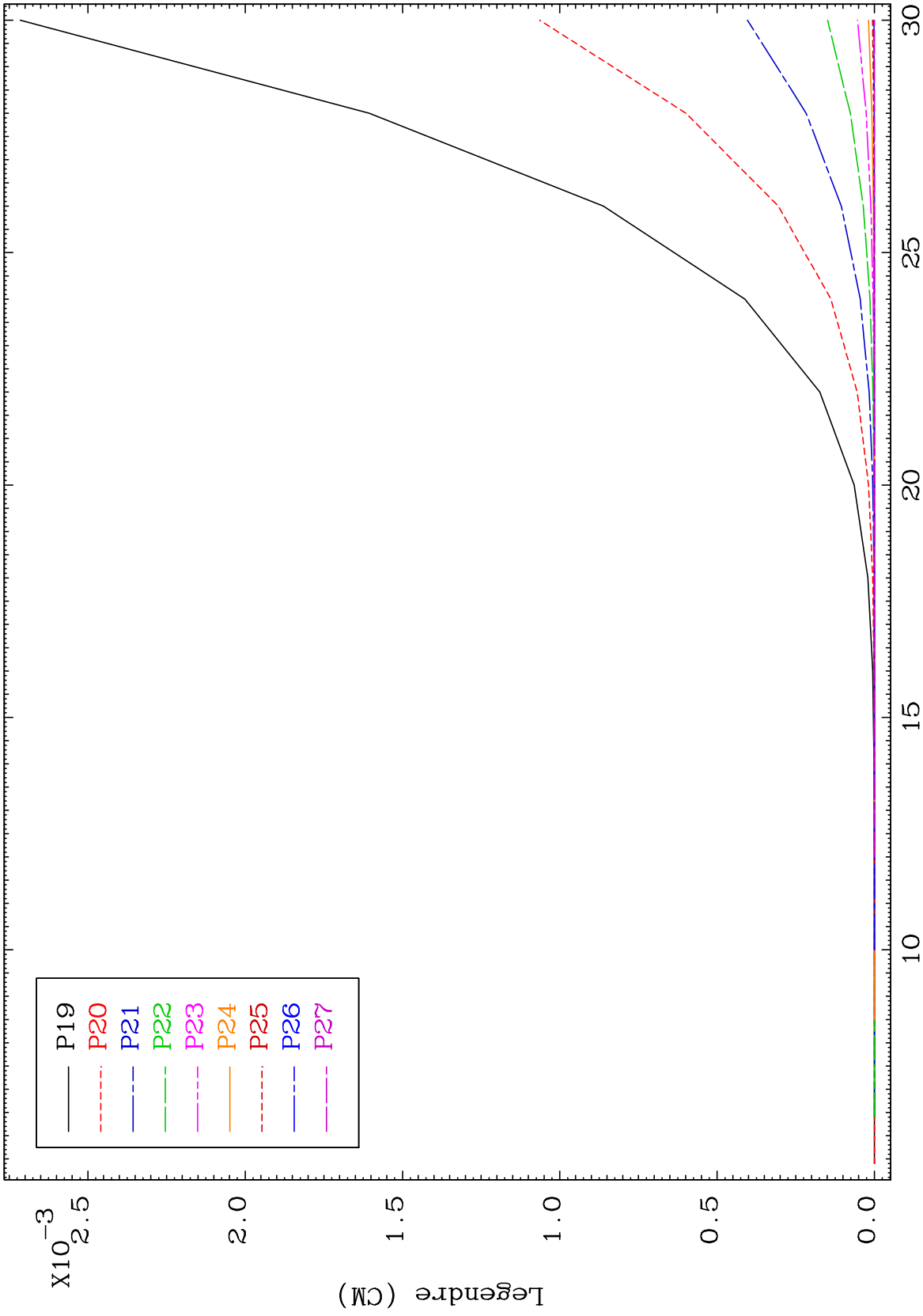
Incident Energy (MeV)

39-Y -96

MAT 3946

Elastic Legendre Coefficients

39-Y -96



18

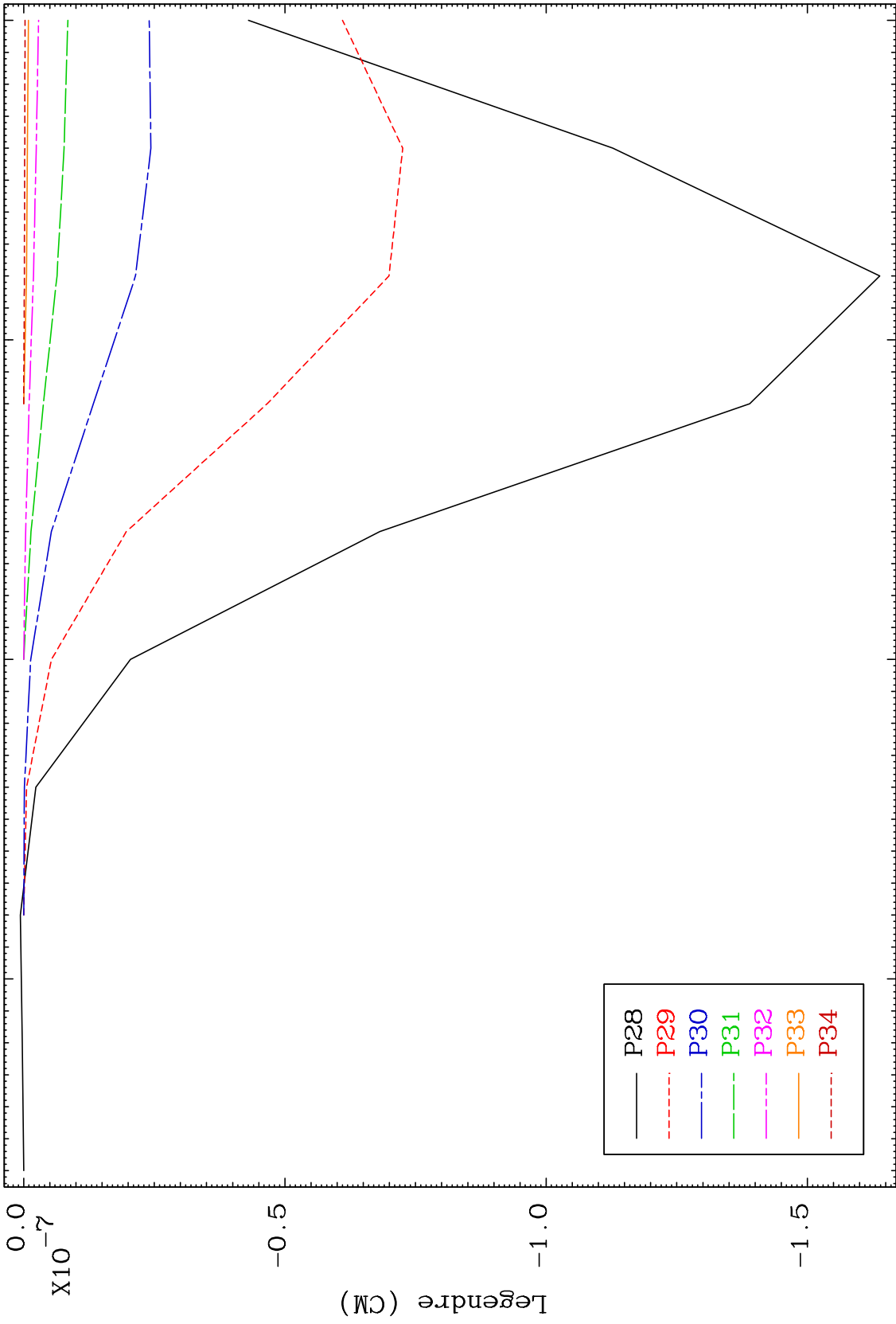
Incident Energy (MeV)

39-Y -96

MAT 3946

Elastic Legendre Coefficients

39-Y -96



19

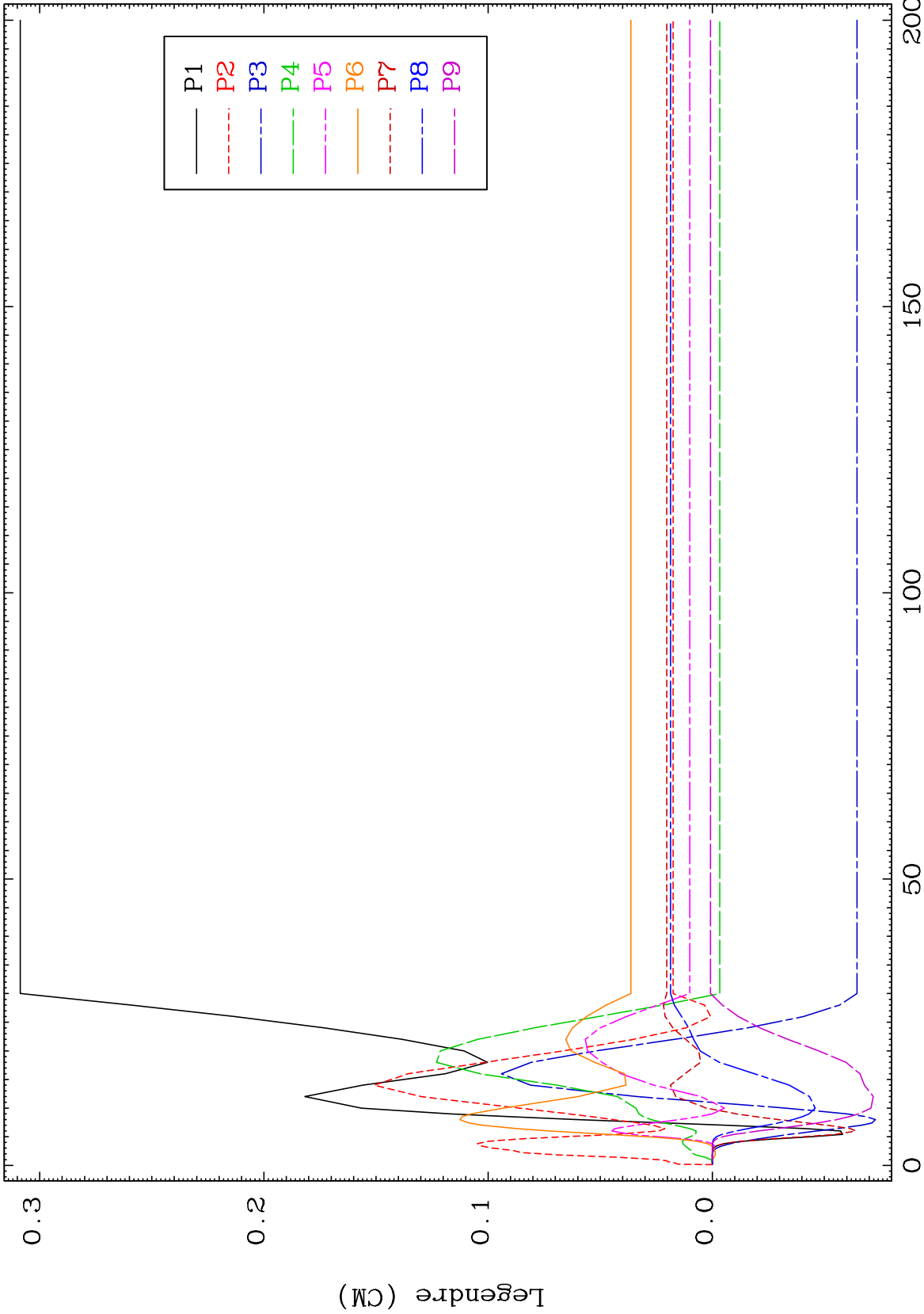
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



39-Y -96

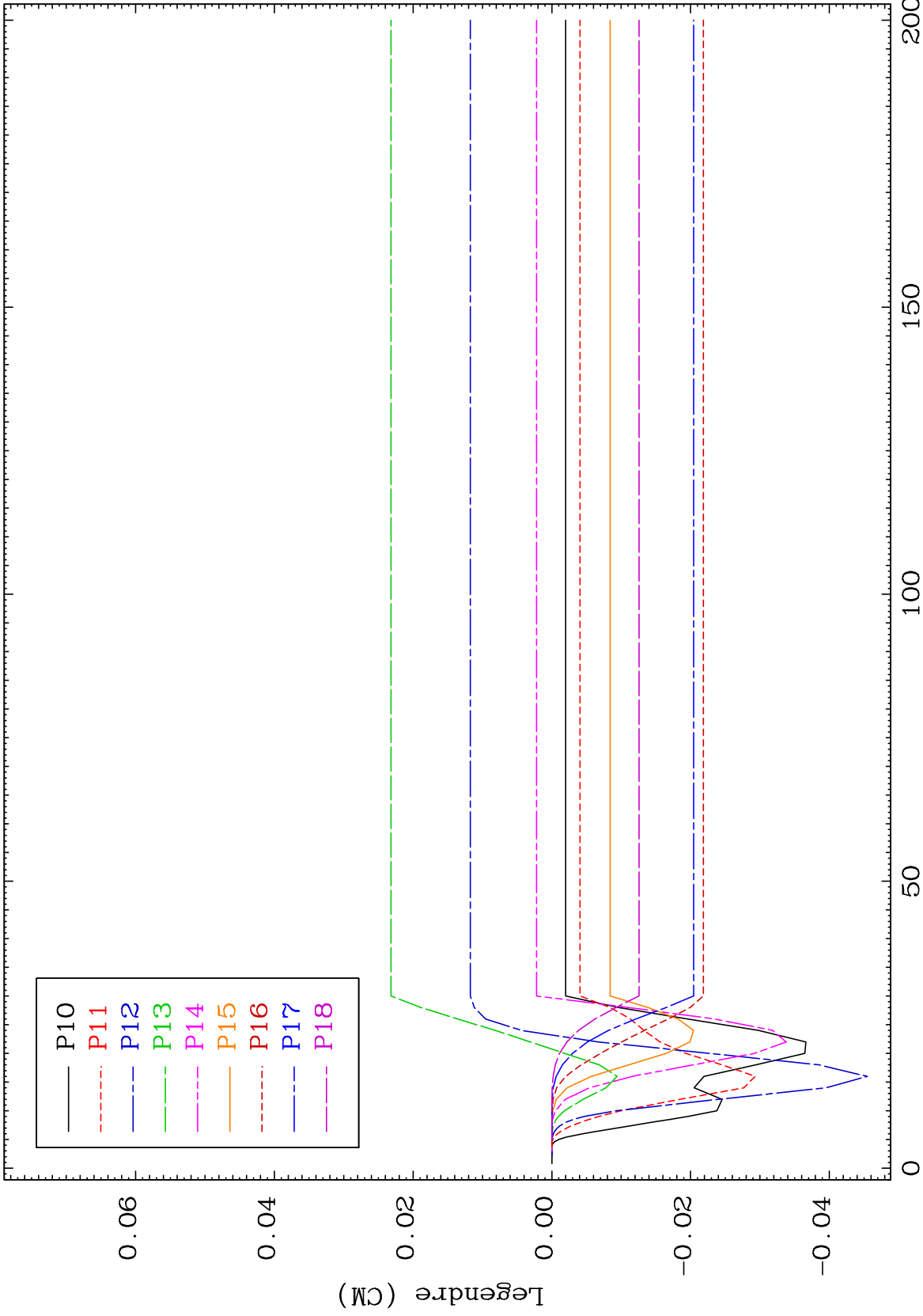
Incident Energy (MeV)

20

MAT 3946

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

39-Y -96

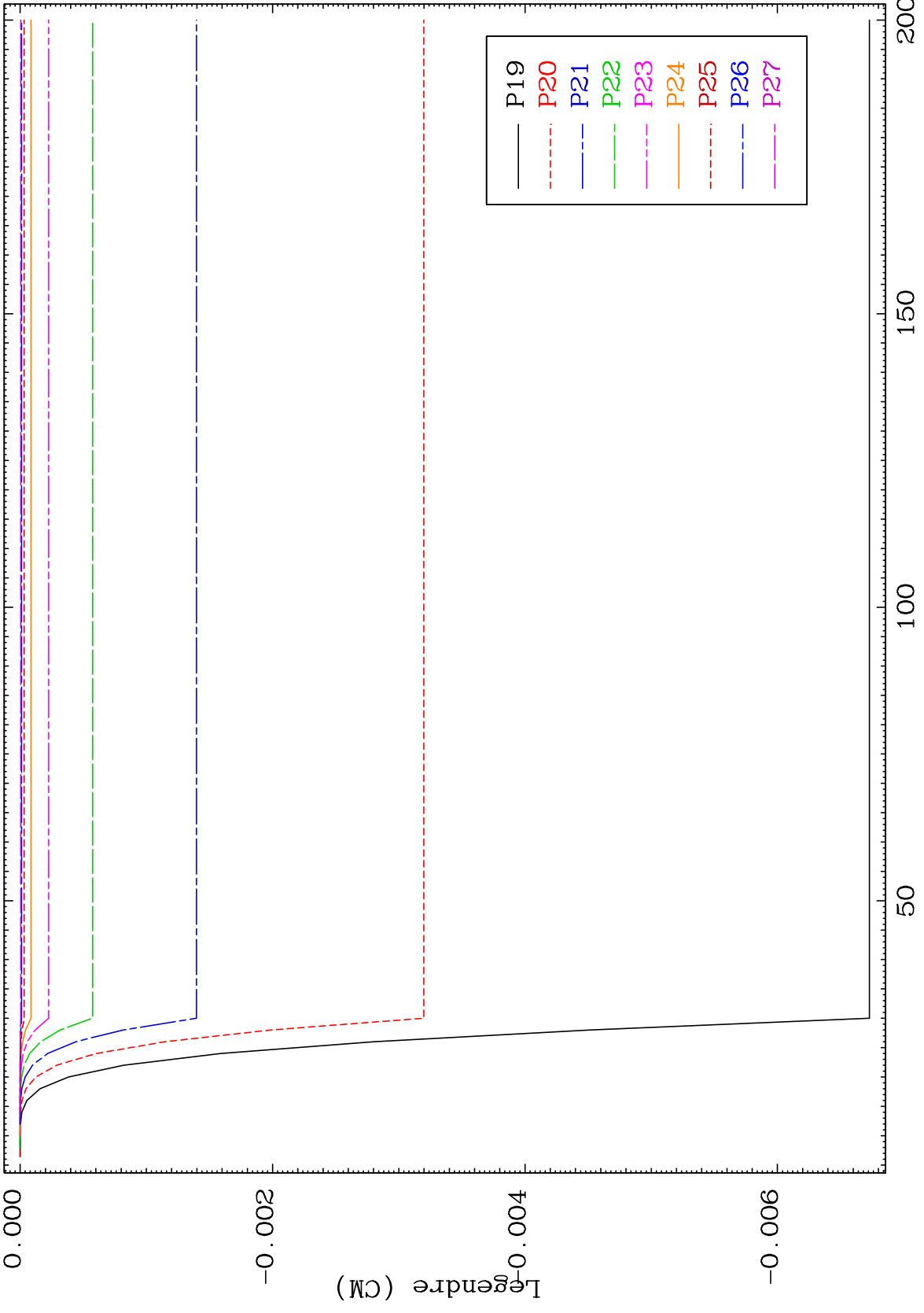


21

Incident Energy (MeV)

39-Y -96

MAT 3946 MT= 51 (n,n') Level Legendre Coefficients 39-Y -96

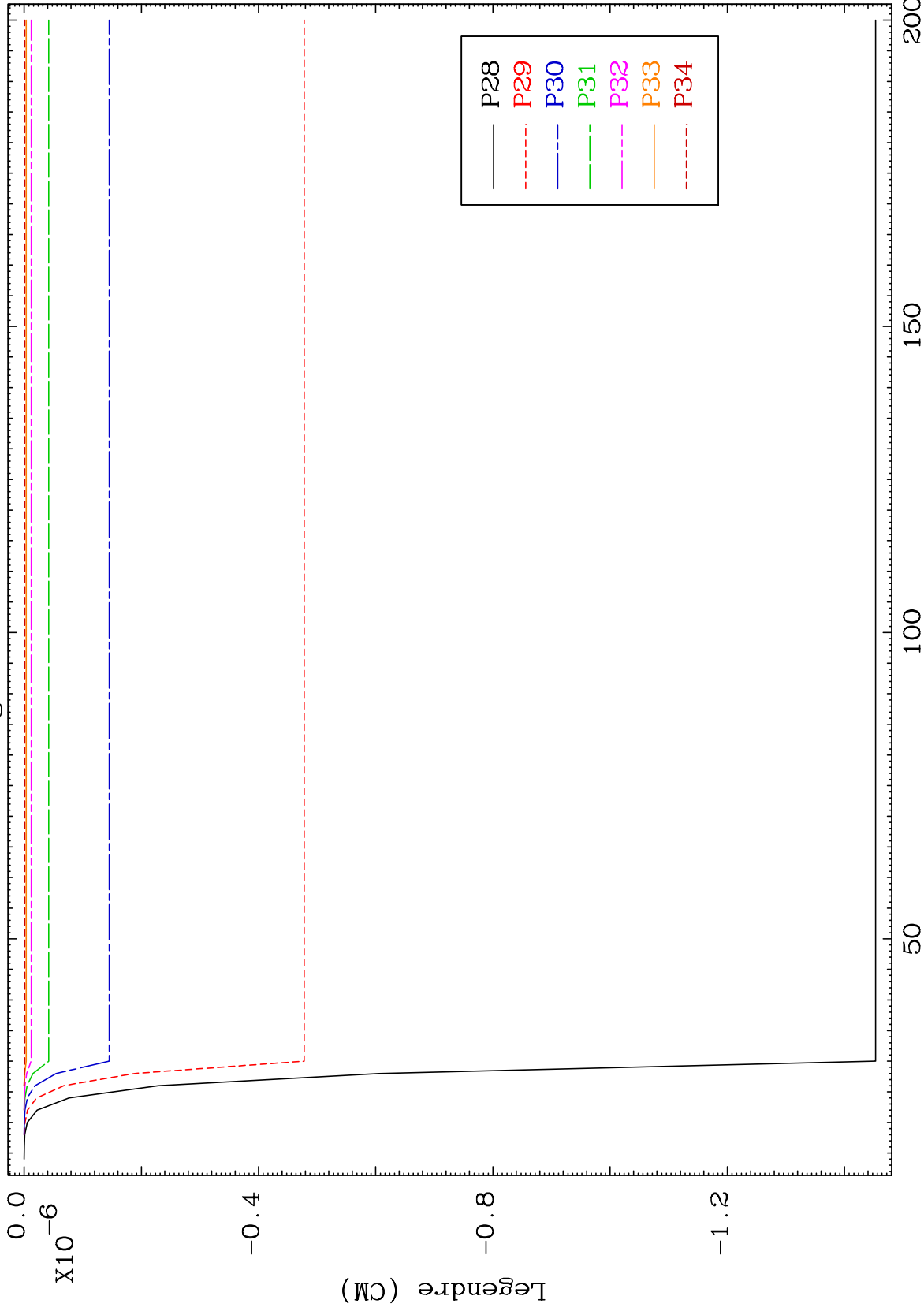


22 39-Y -96

MAT 3946

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

39-Y -96



39-Y -96

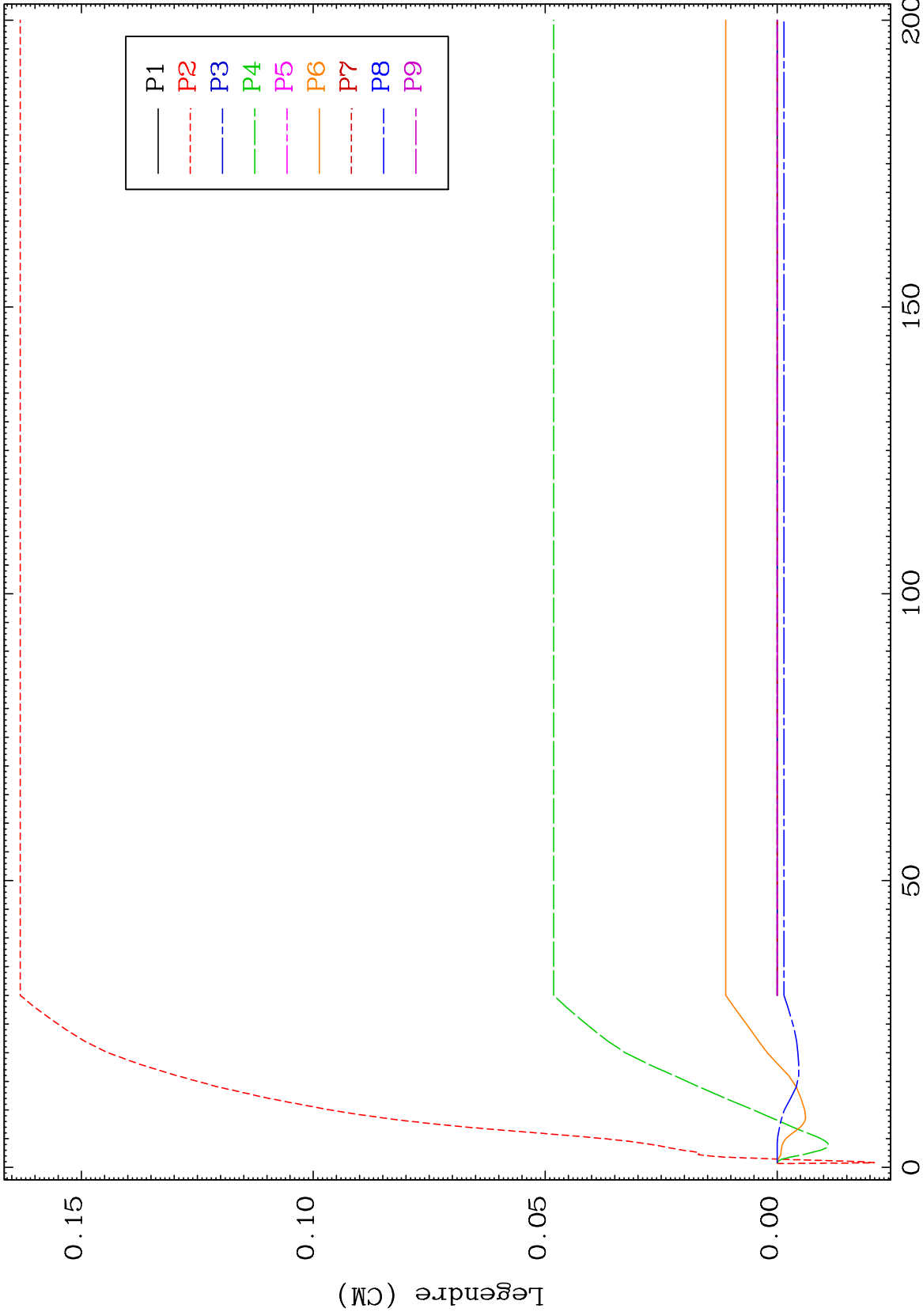
Incident Energy (MeV)

23

MAT 3946

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

39-Y -96



24

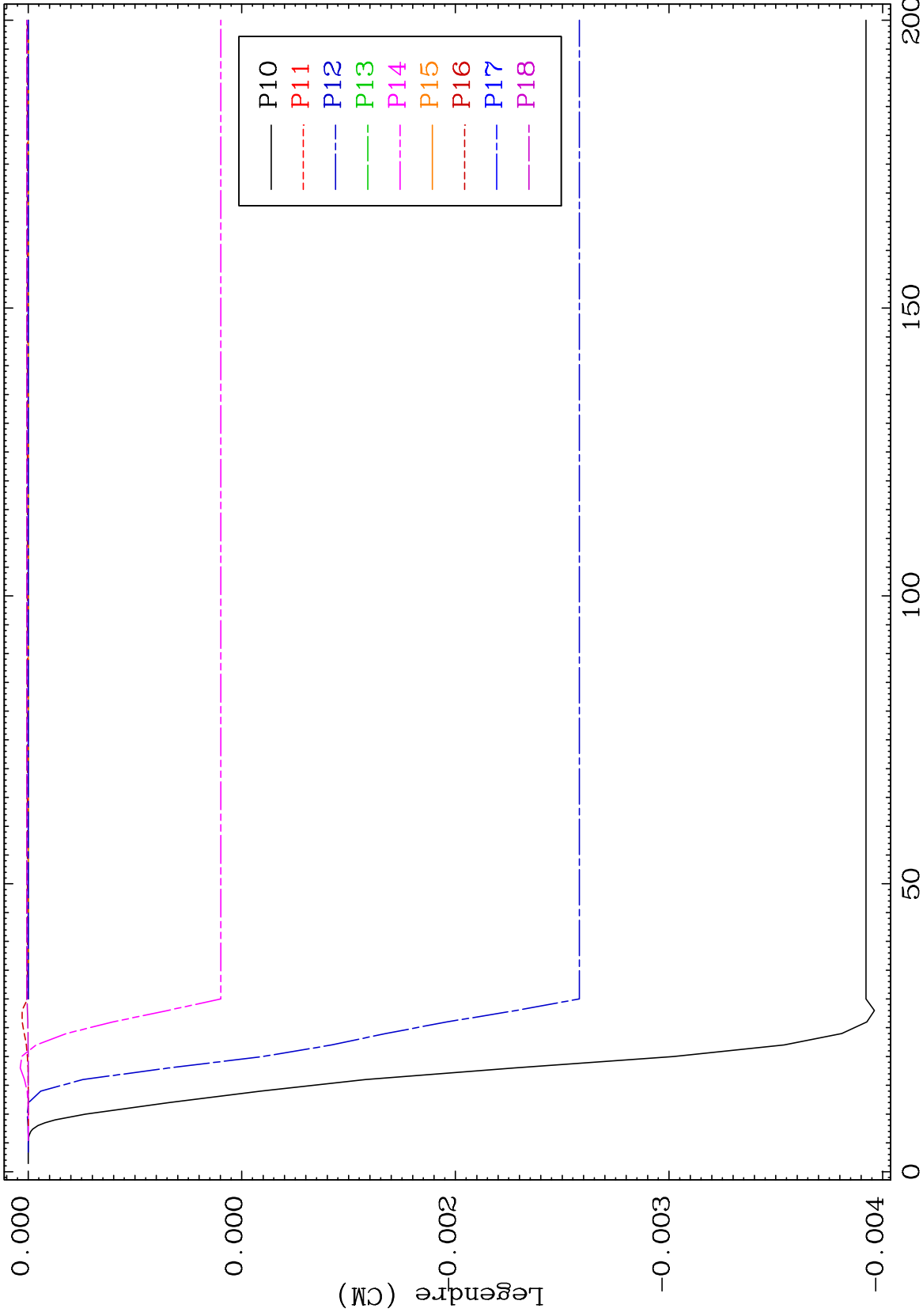
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



25

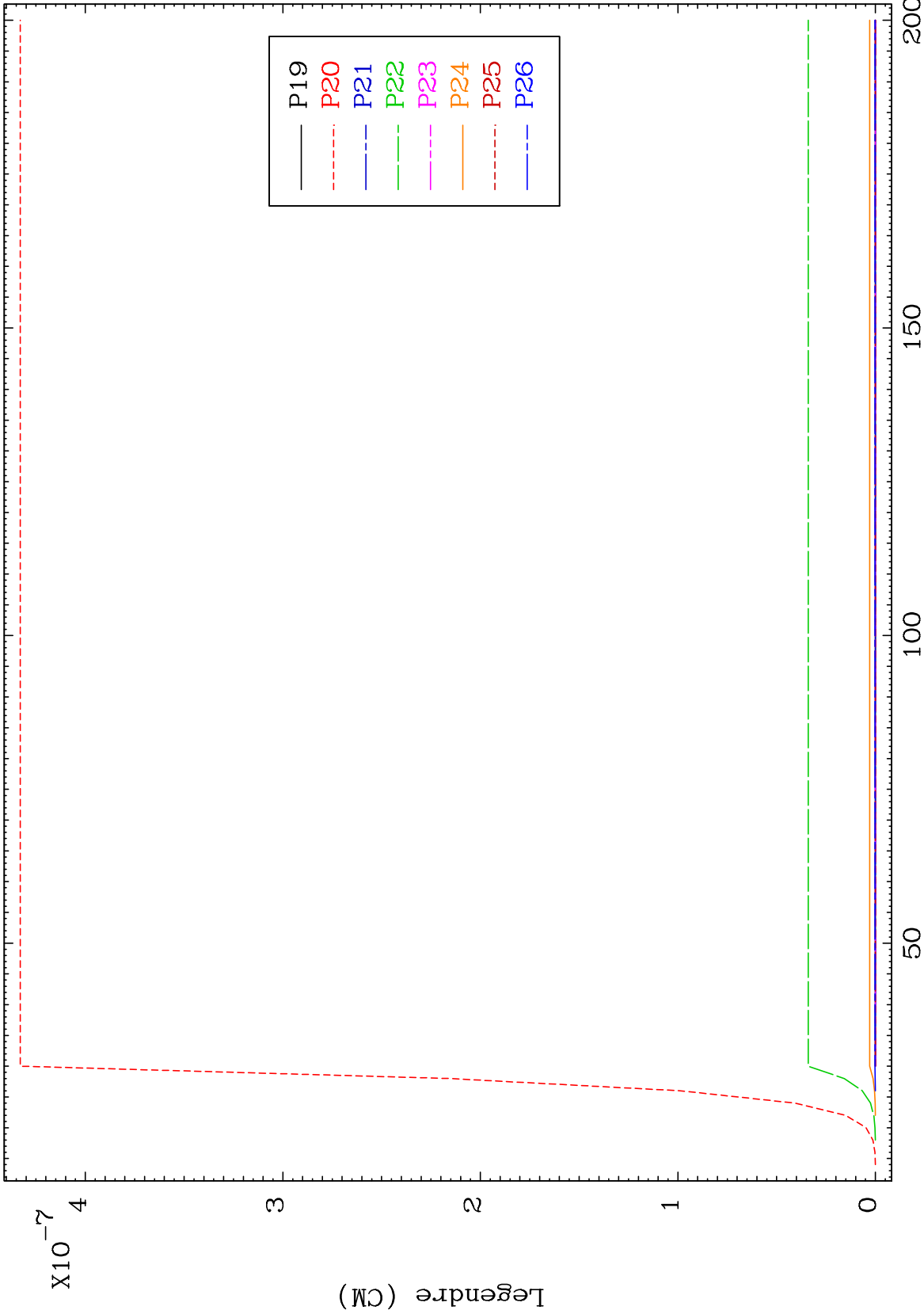
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



26

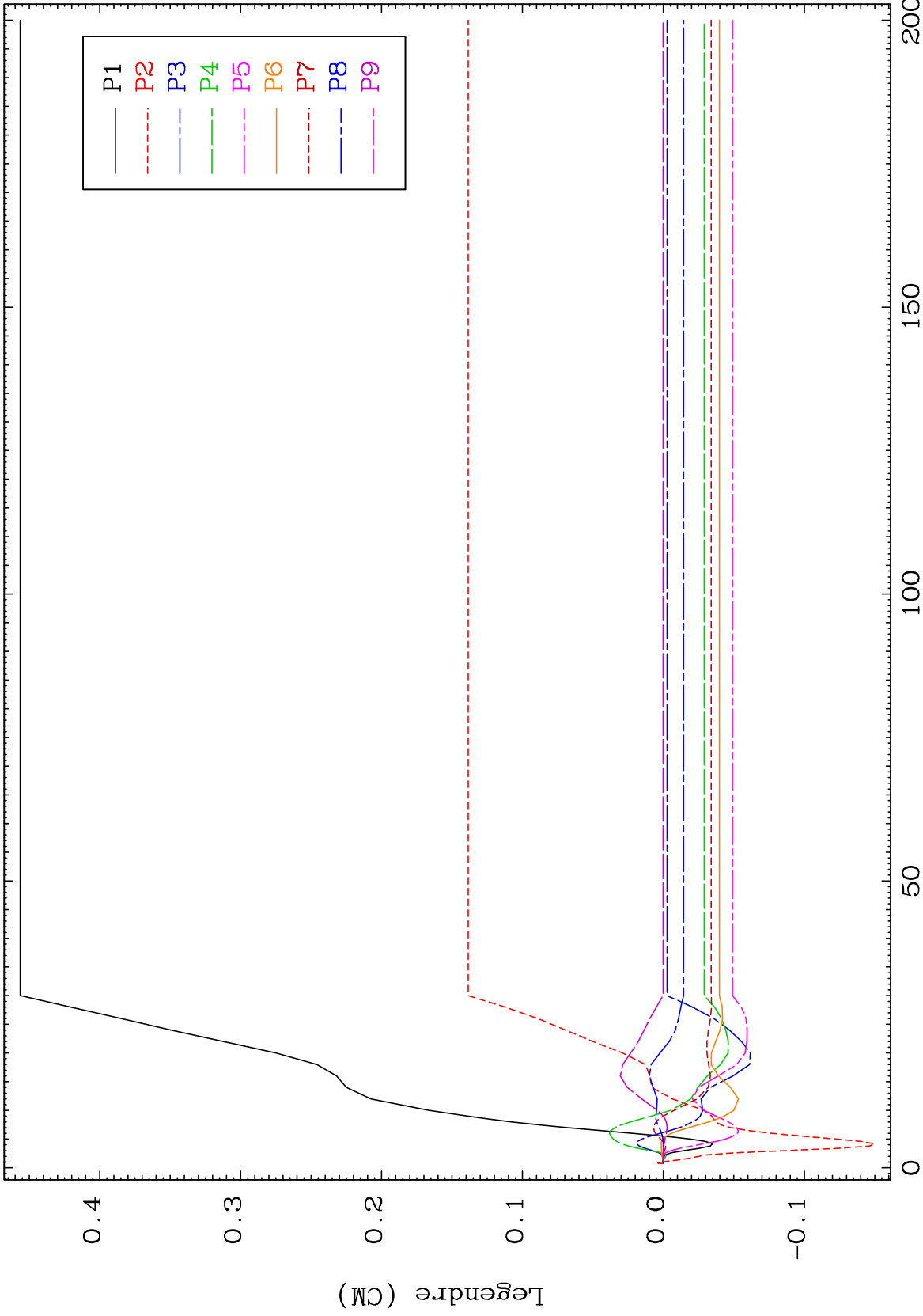
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



27

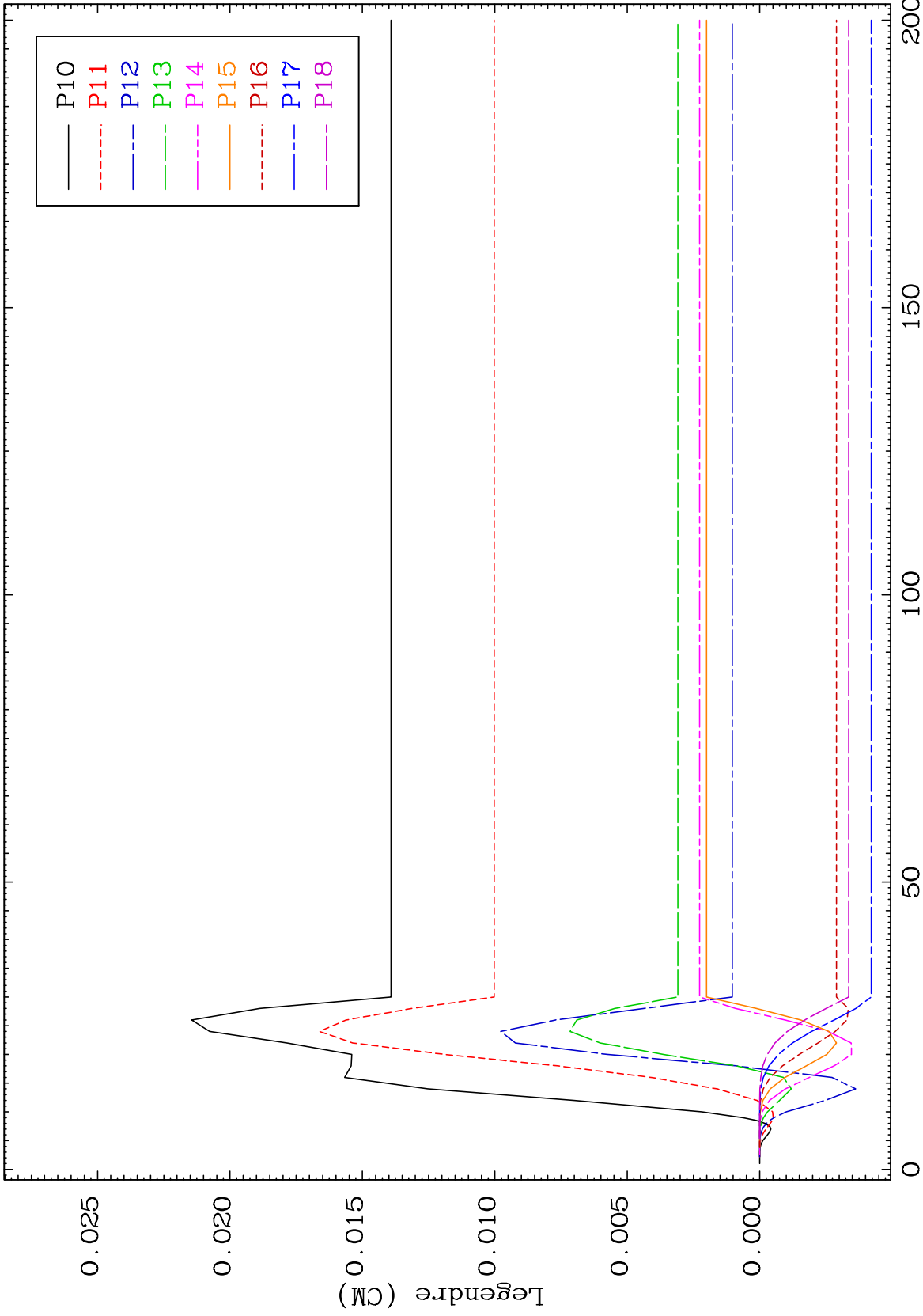
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



28

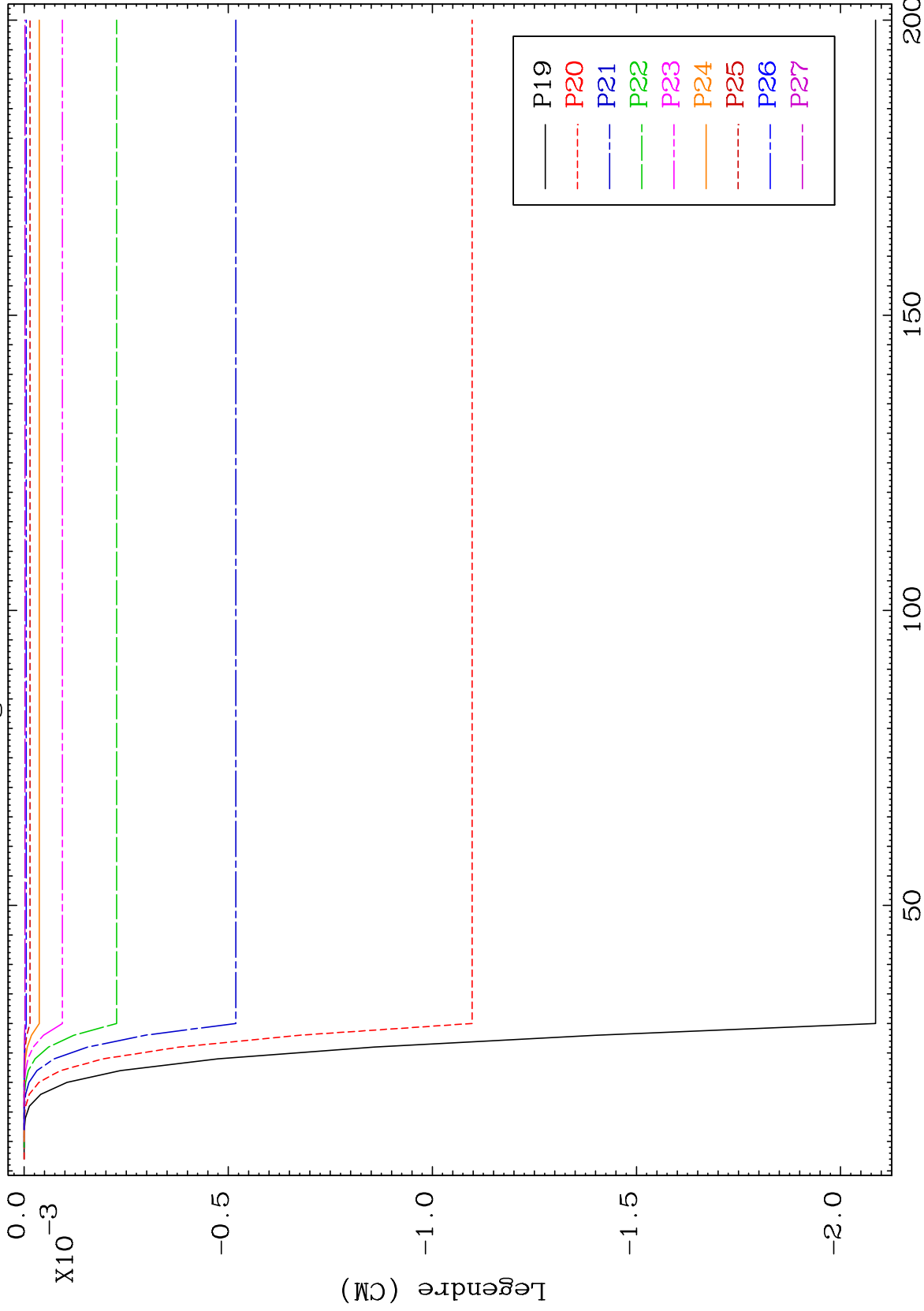
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



29

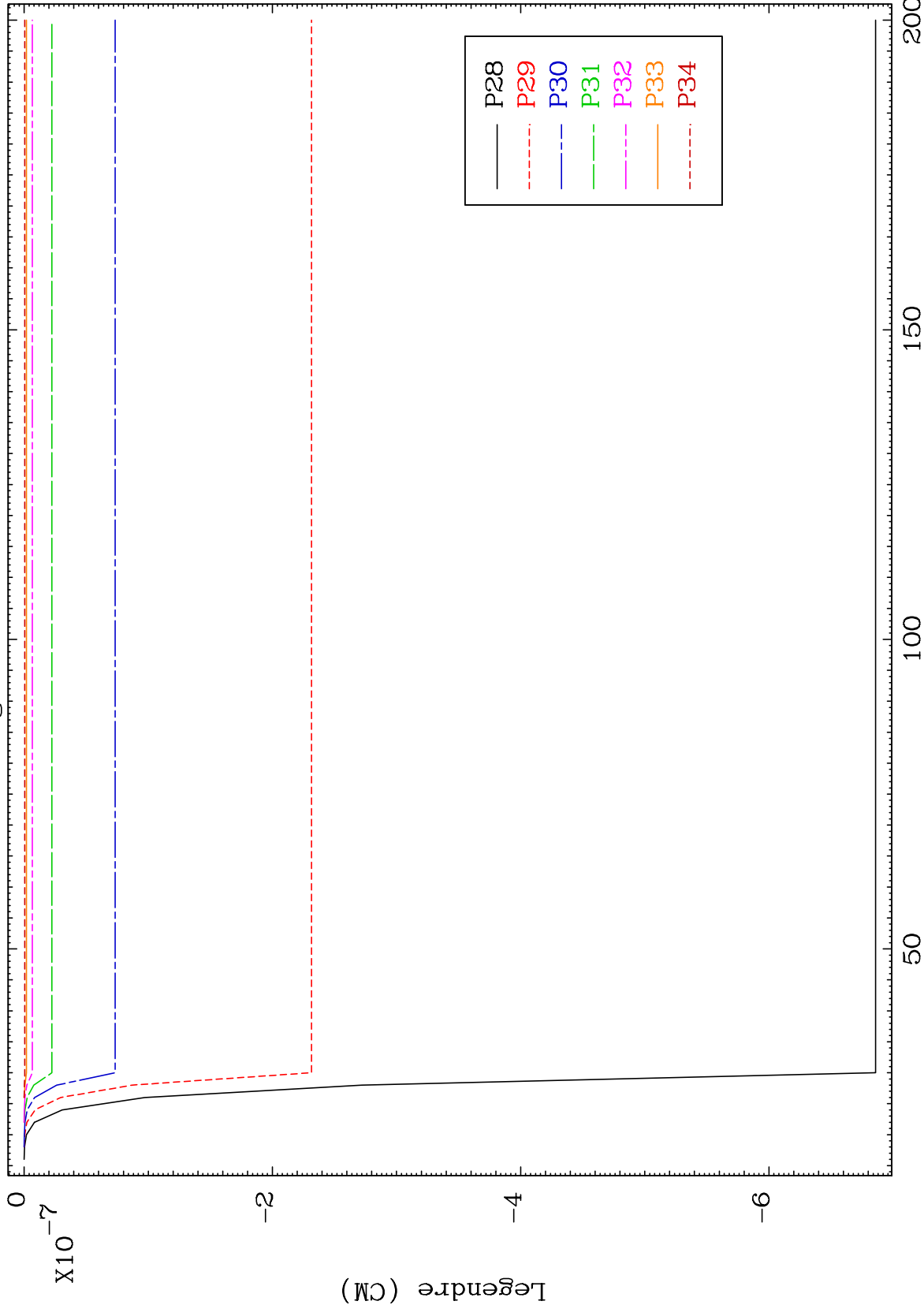
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96

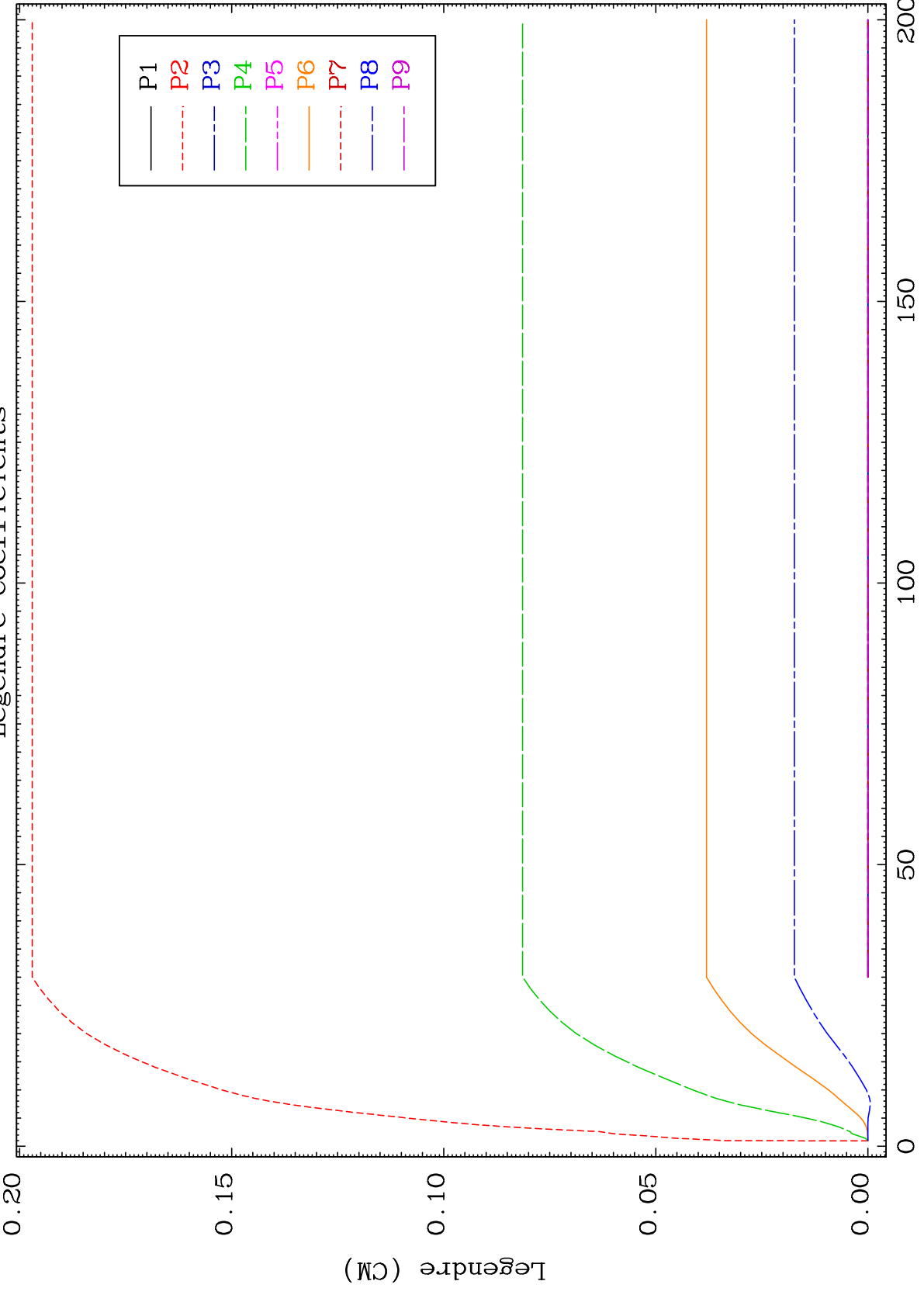


39-Y -96

Incident Energy (MeV)

30

MAT 3946 MT= 54 (n,n') Level Legendre Coefficients 39-Y -96

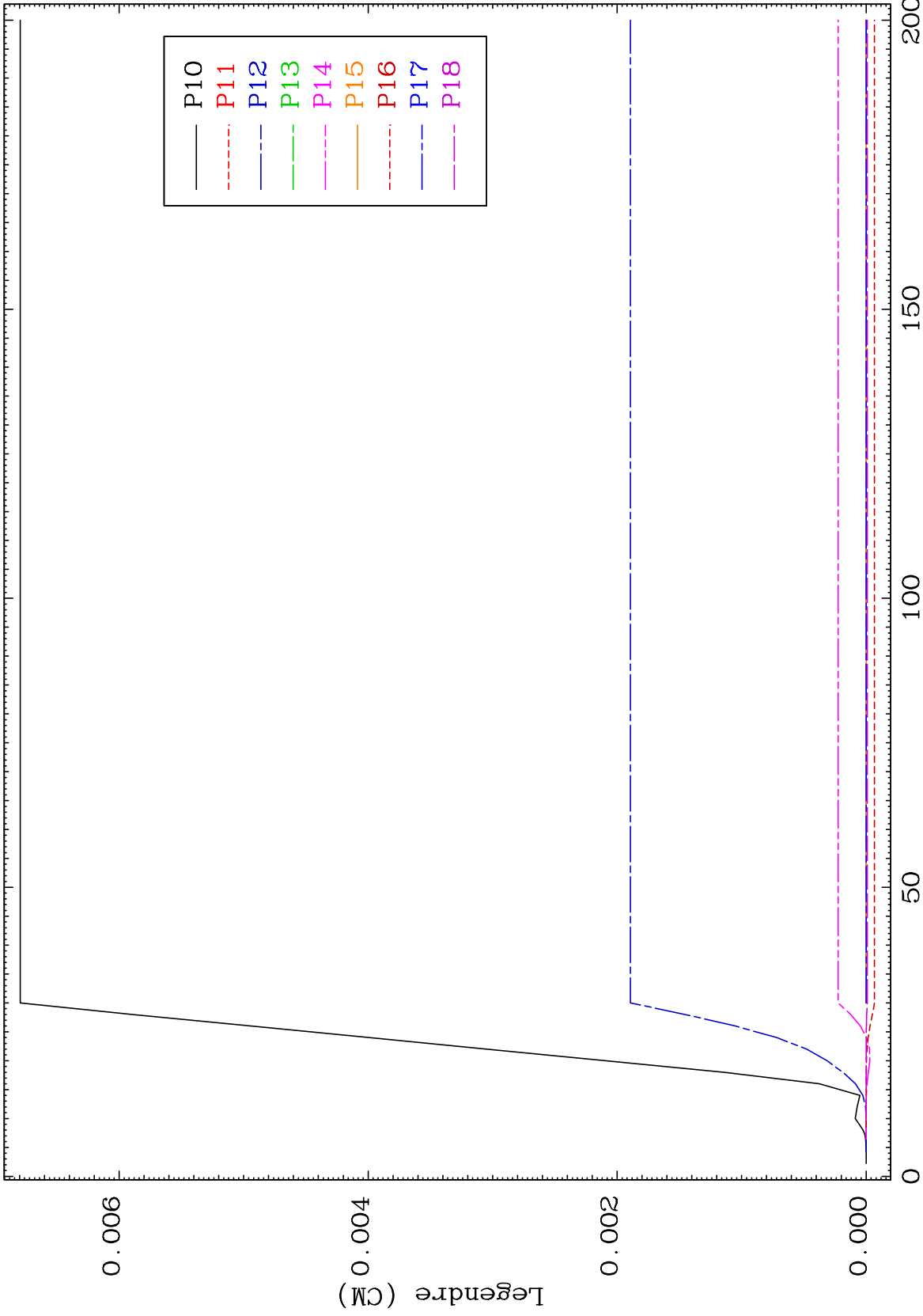


31 39-Y -96

MAT 3946

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

39-Y -96



32

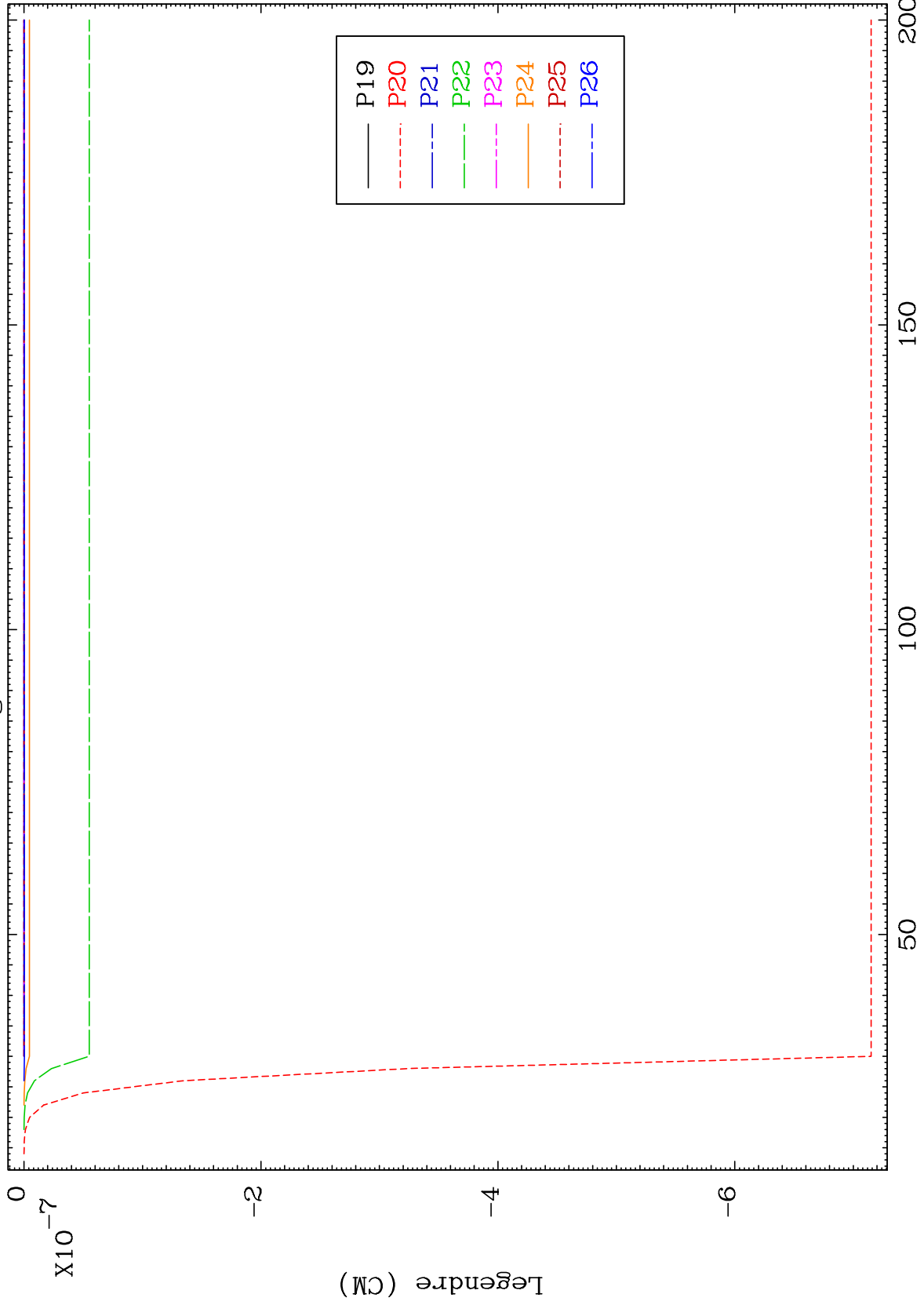
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



39-Y -96

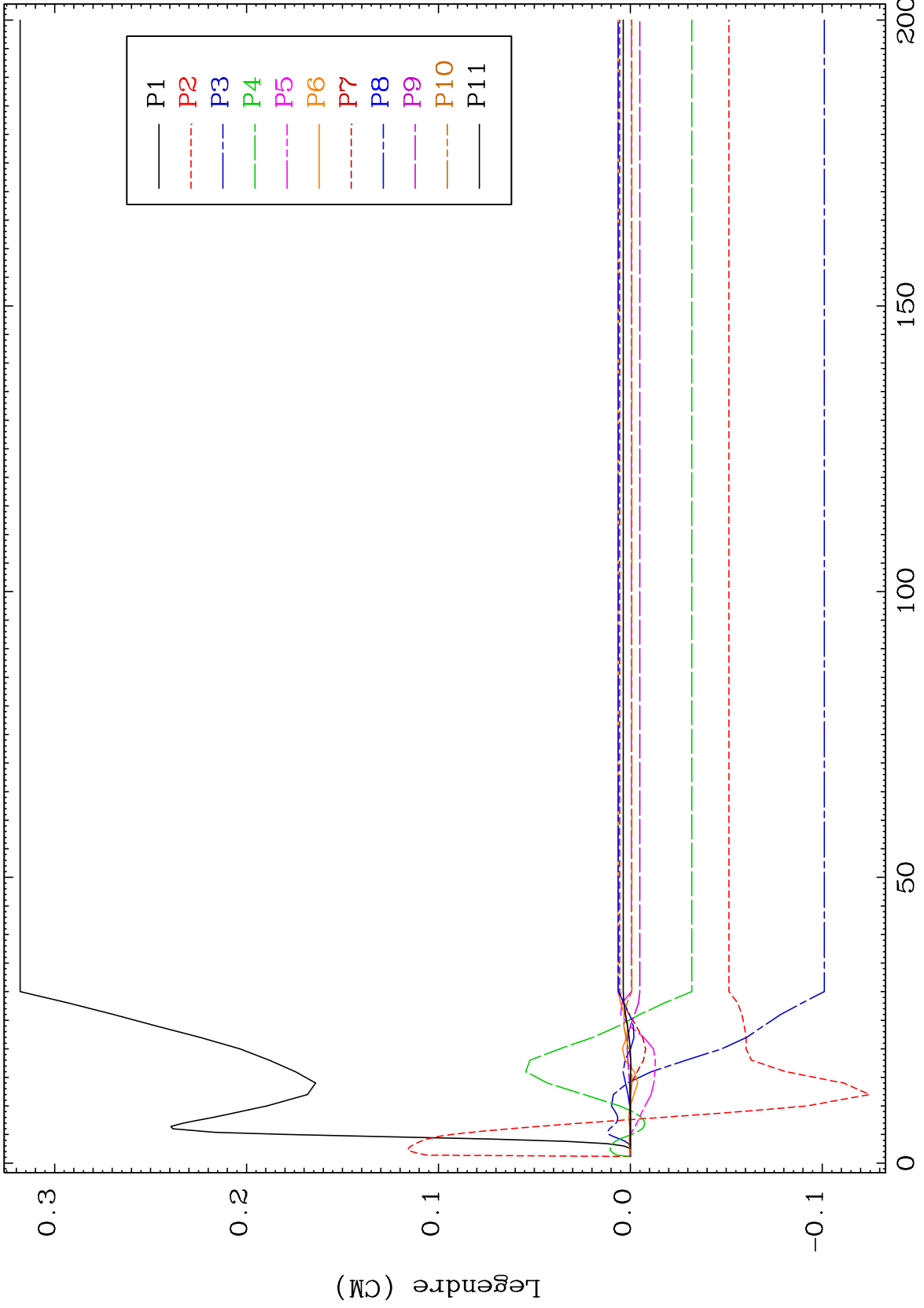
Incident Energy (MeV)

33

MAT 3946

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

39-Y -96



34

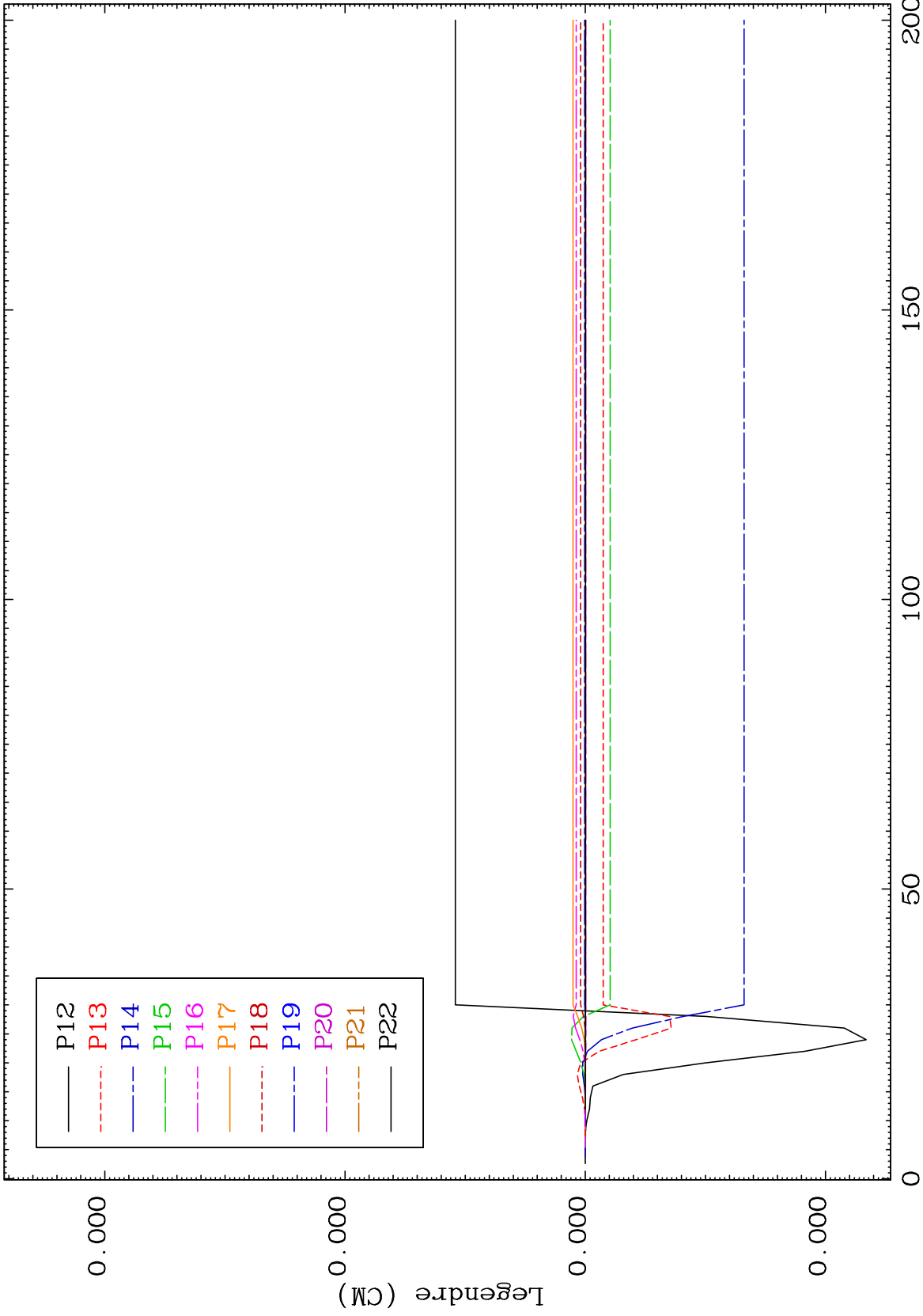
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



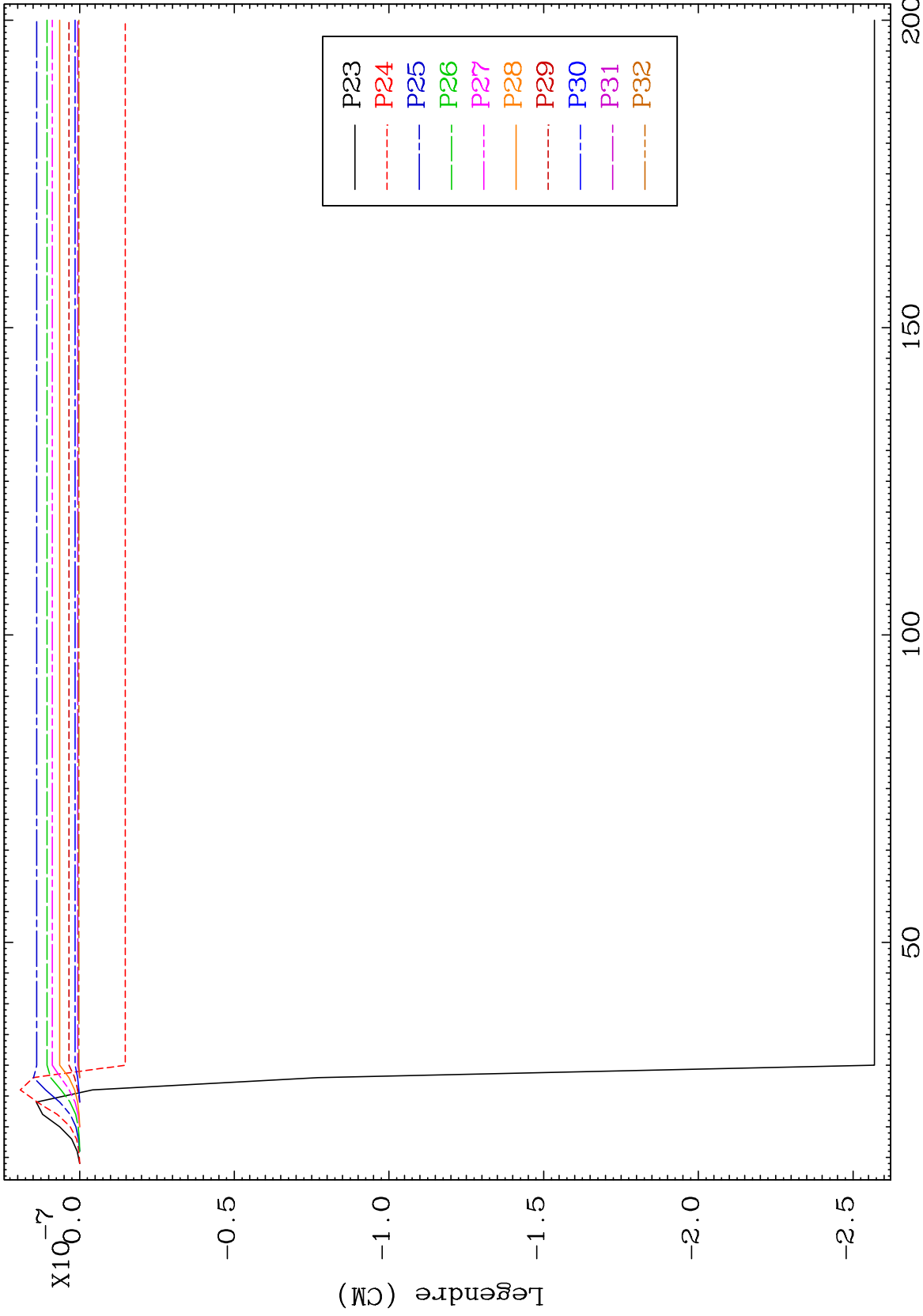
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39-Y -96

MAT 3946

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

39-Y -96



36

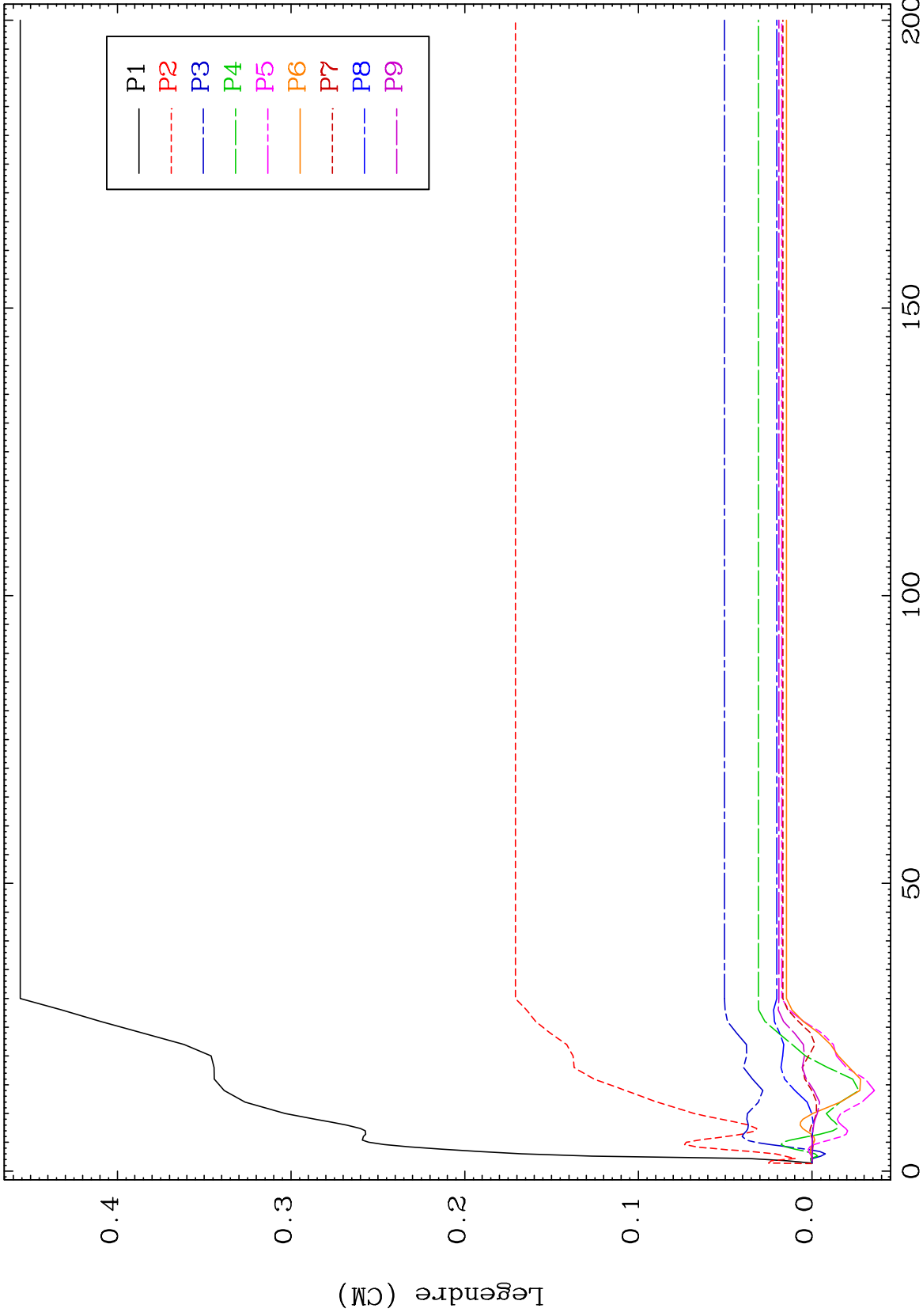
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



37

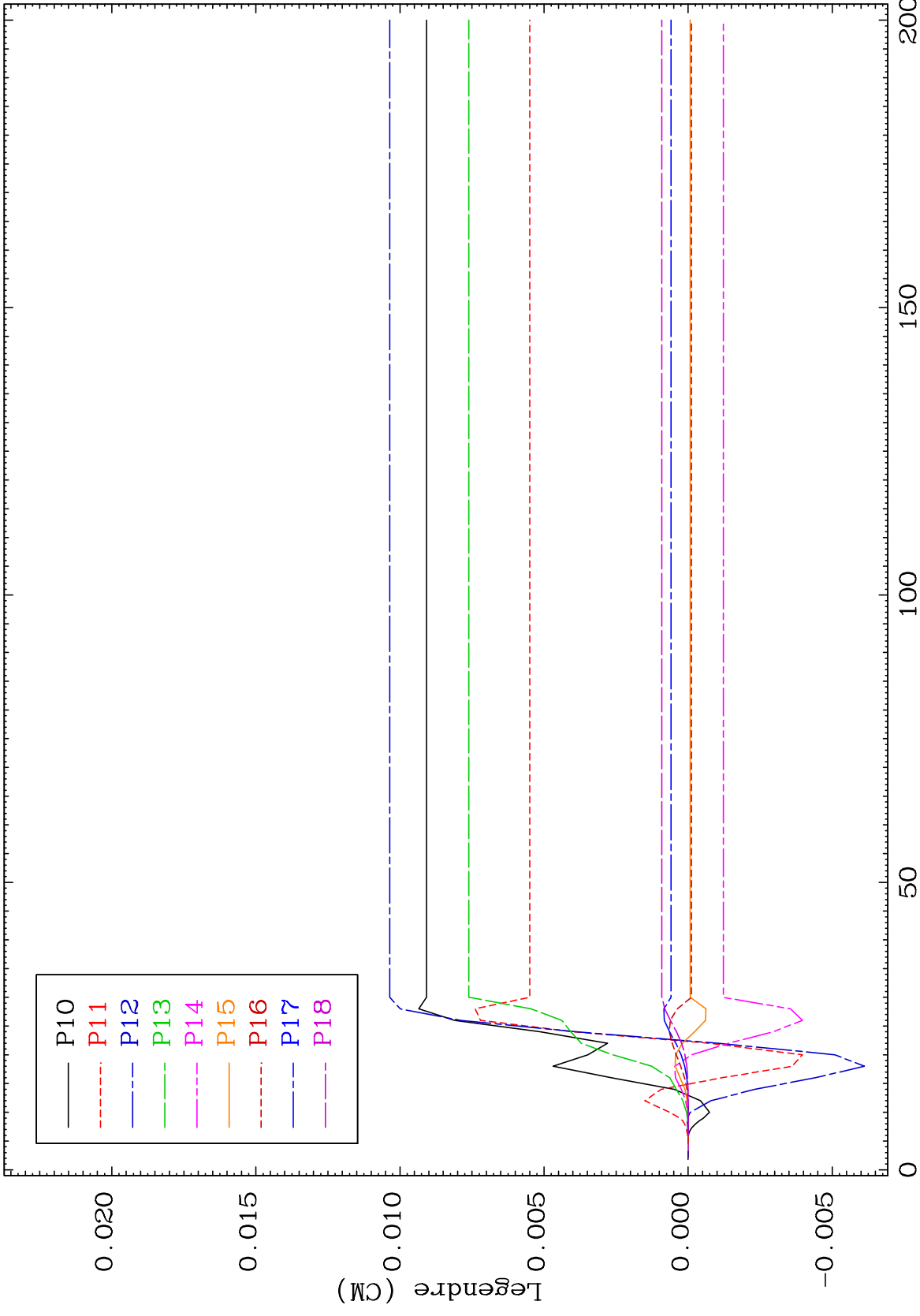
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



38

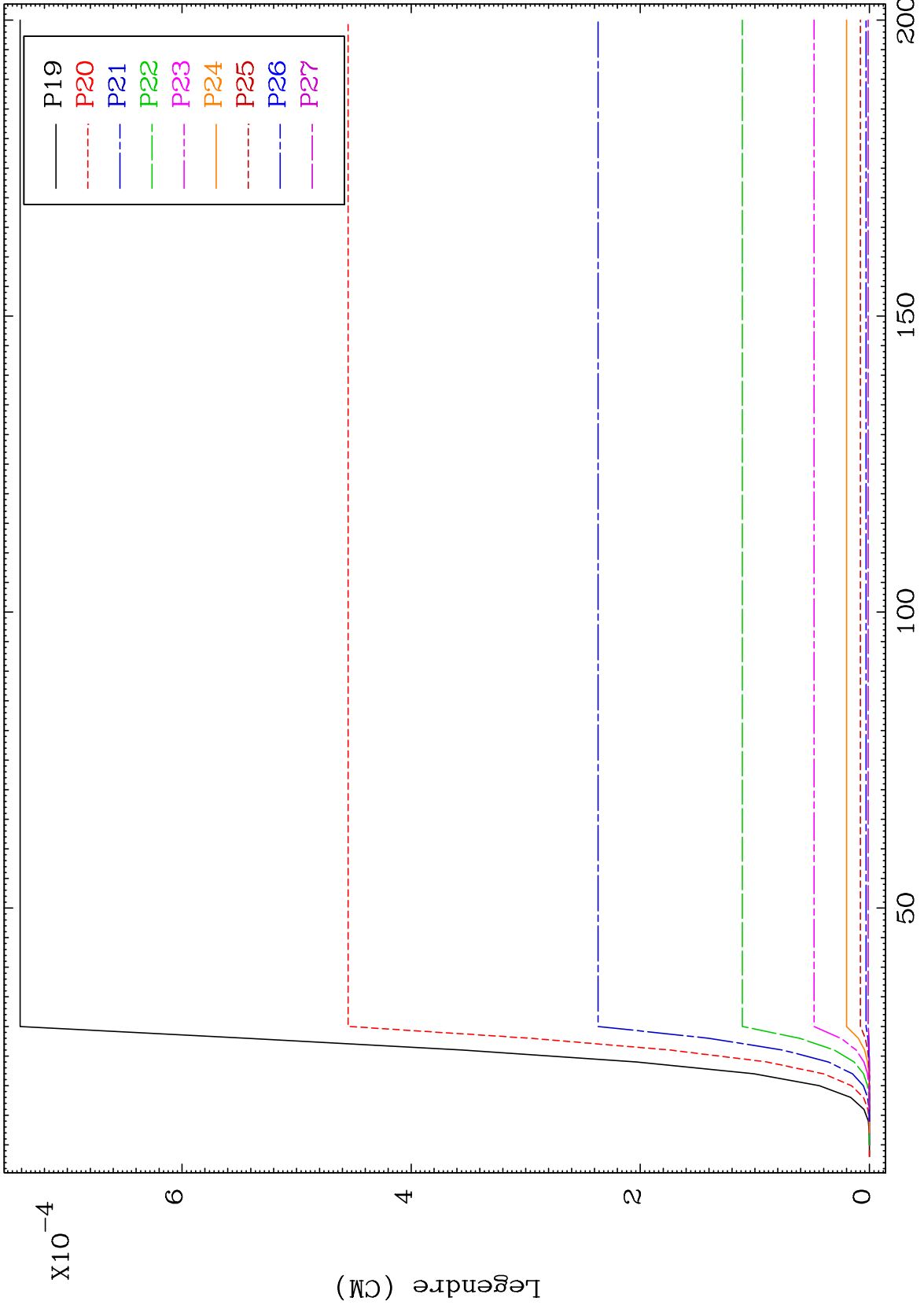
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



39

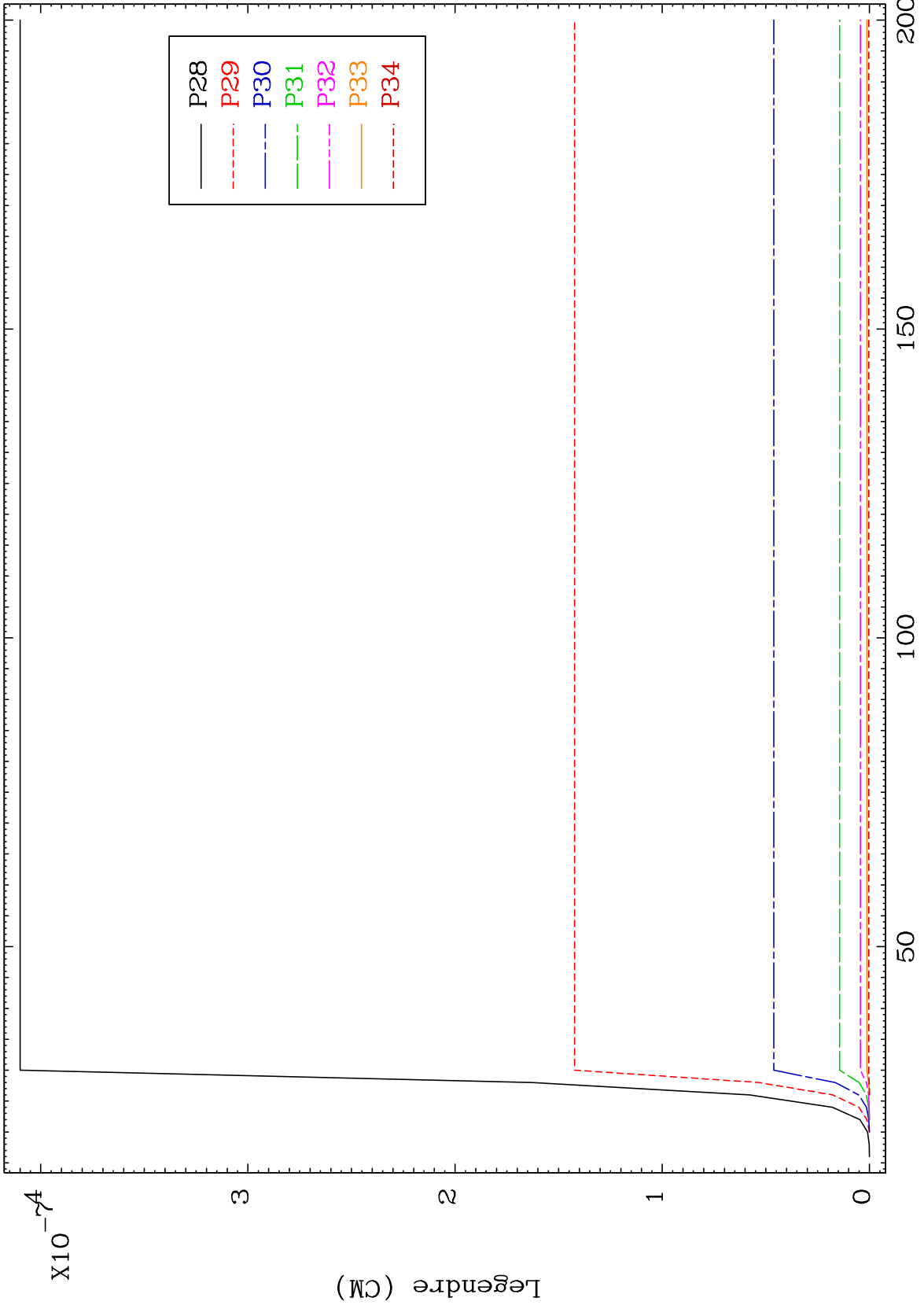
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96

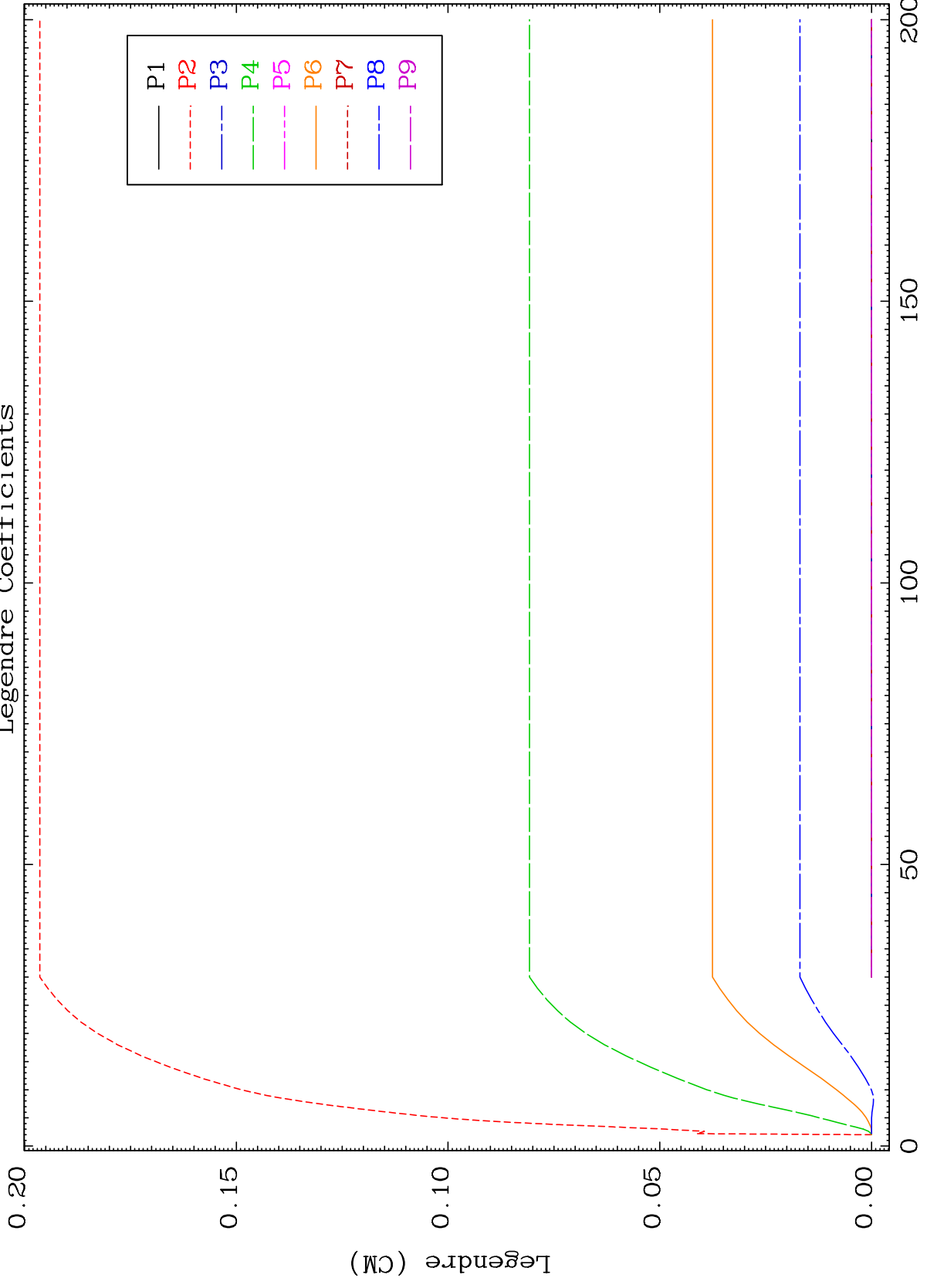


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Incident Energy (MeV)

39-Y -96

MAT 3946 MT= 57 (n,n') Level Legendre Coefficients 39-Y -96

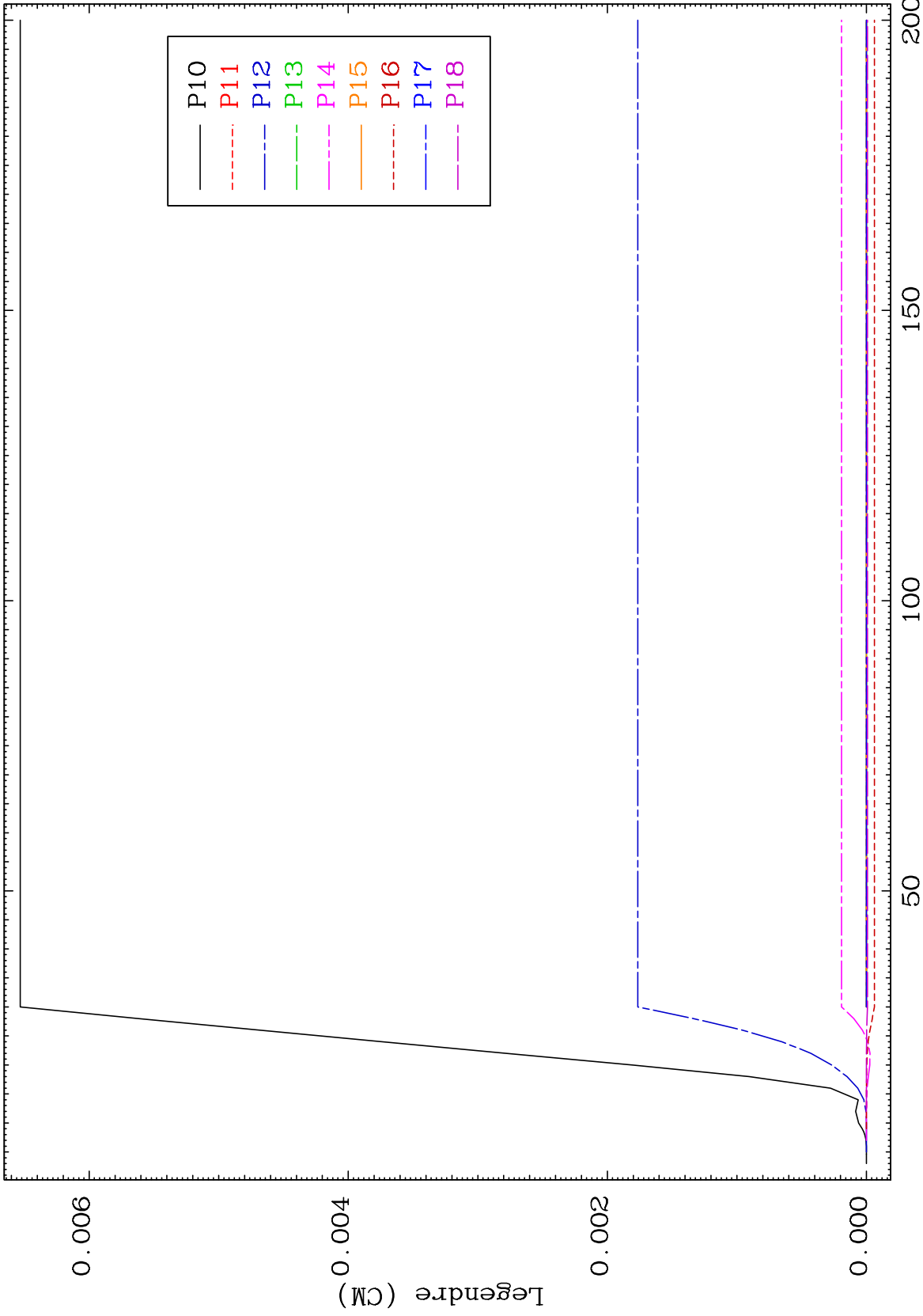


41 39-Y -96

MAT 3946

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

39-Y -96



42

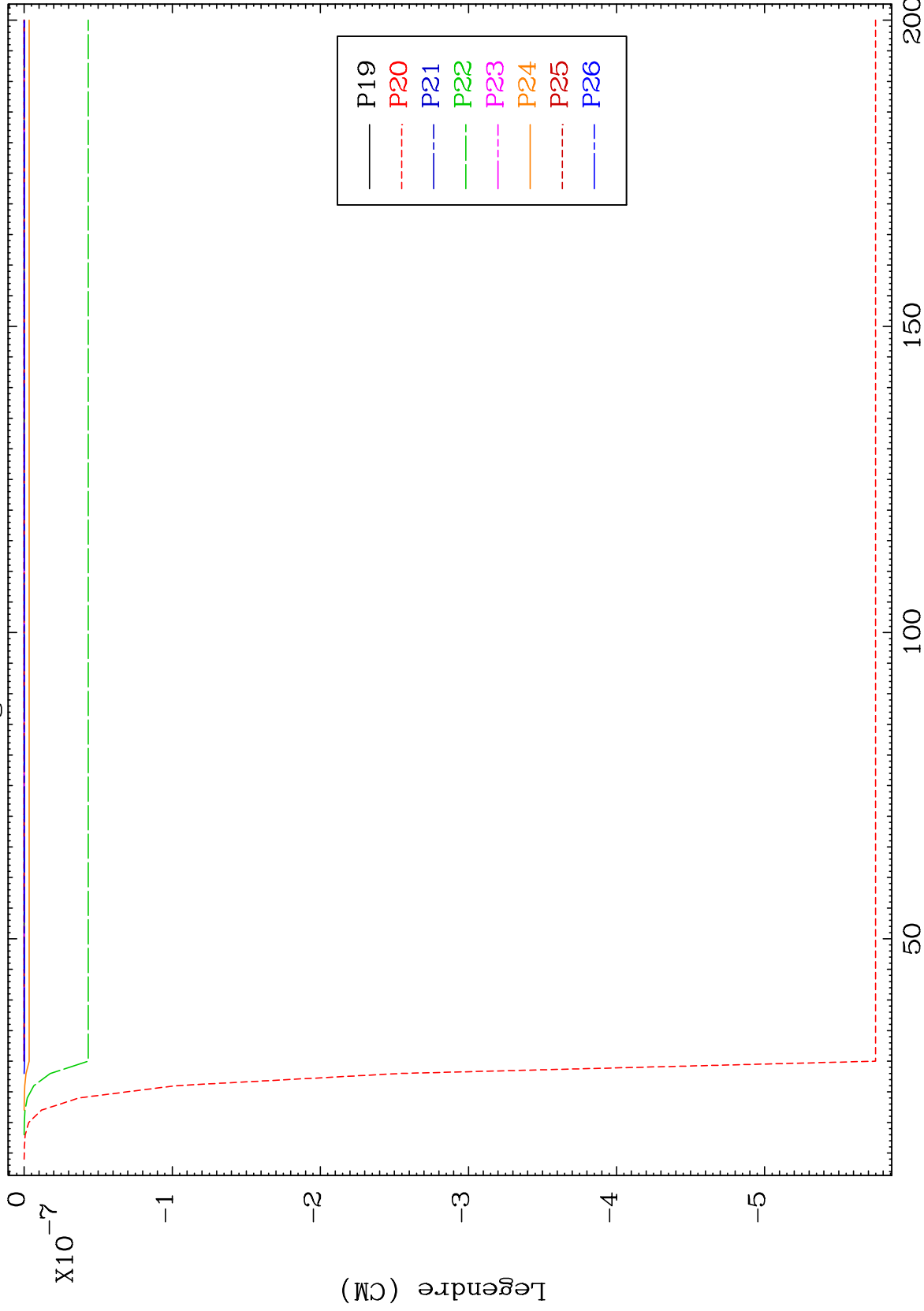
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



43

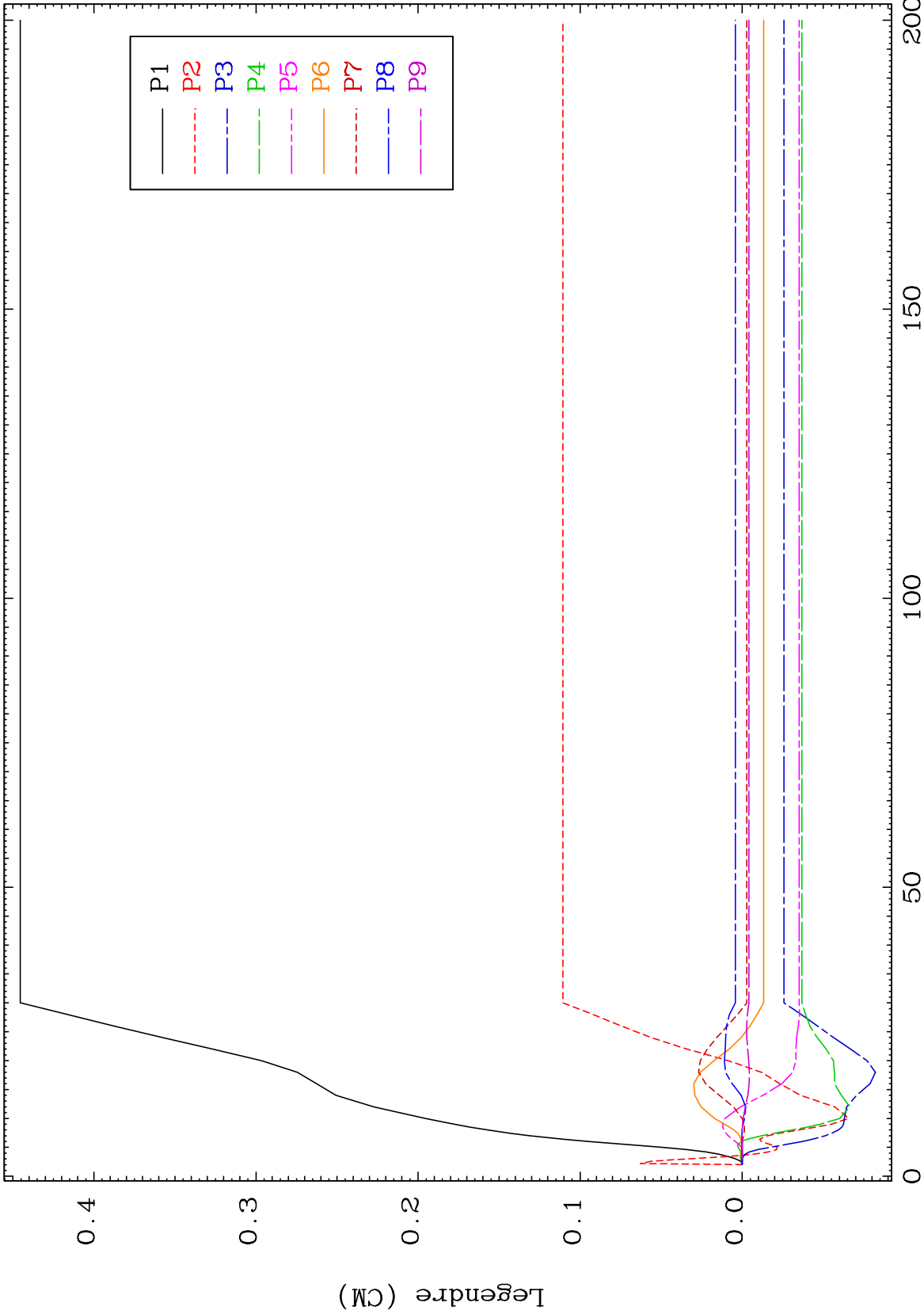
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96

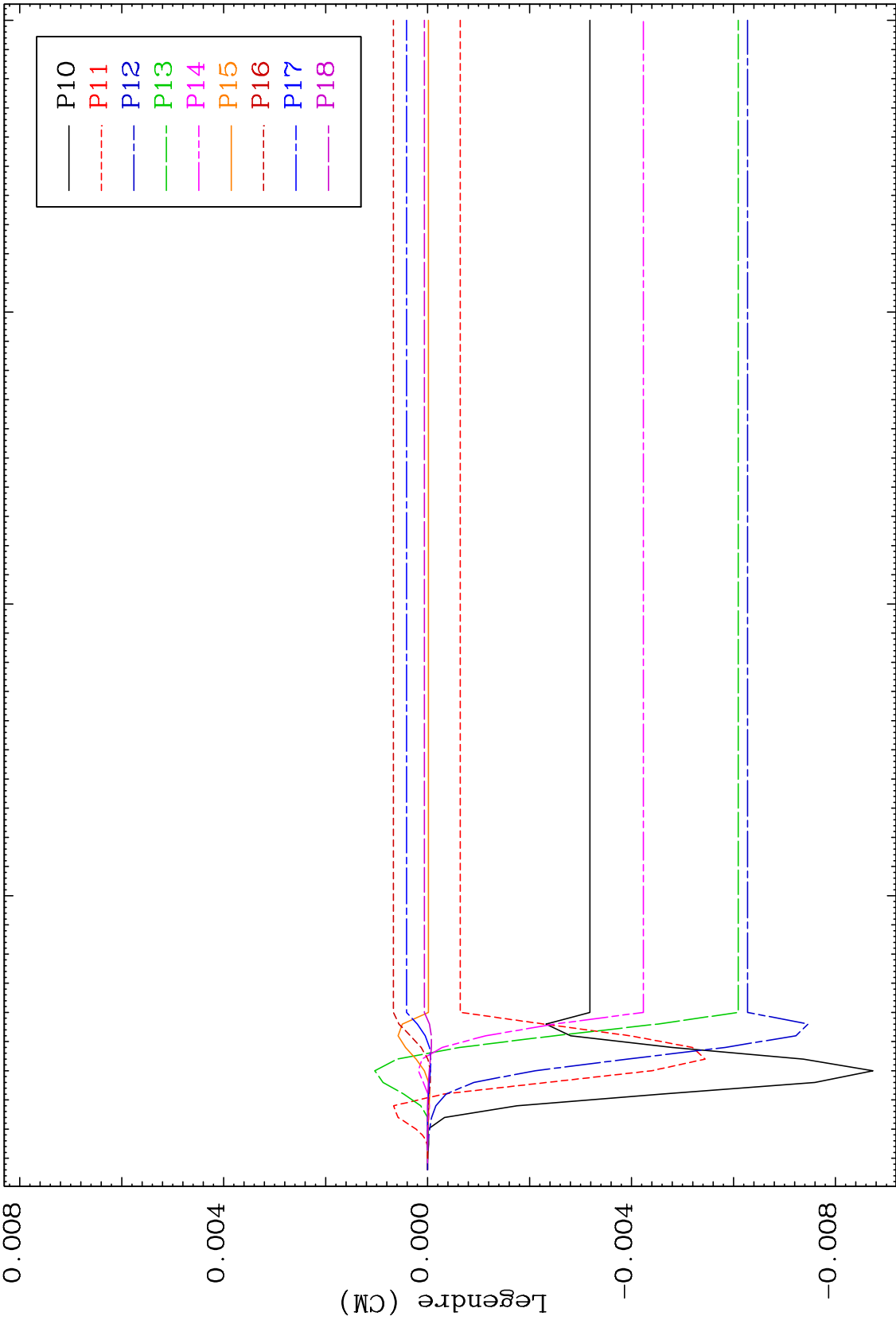


44

Incident Energy (MeV)

39-Y -96

MAT 3946 MT= 58 (n,n') Level Legendre Coefficients 39-Y -96

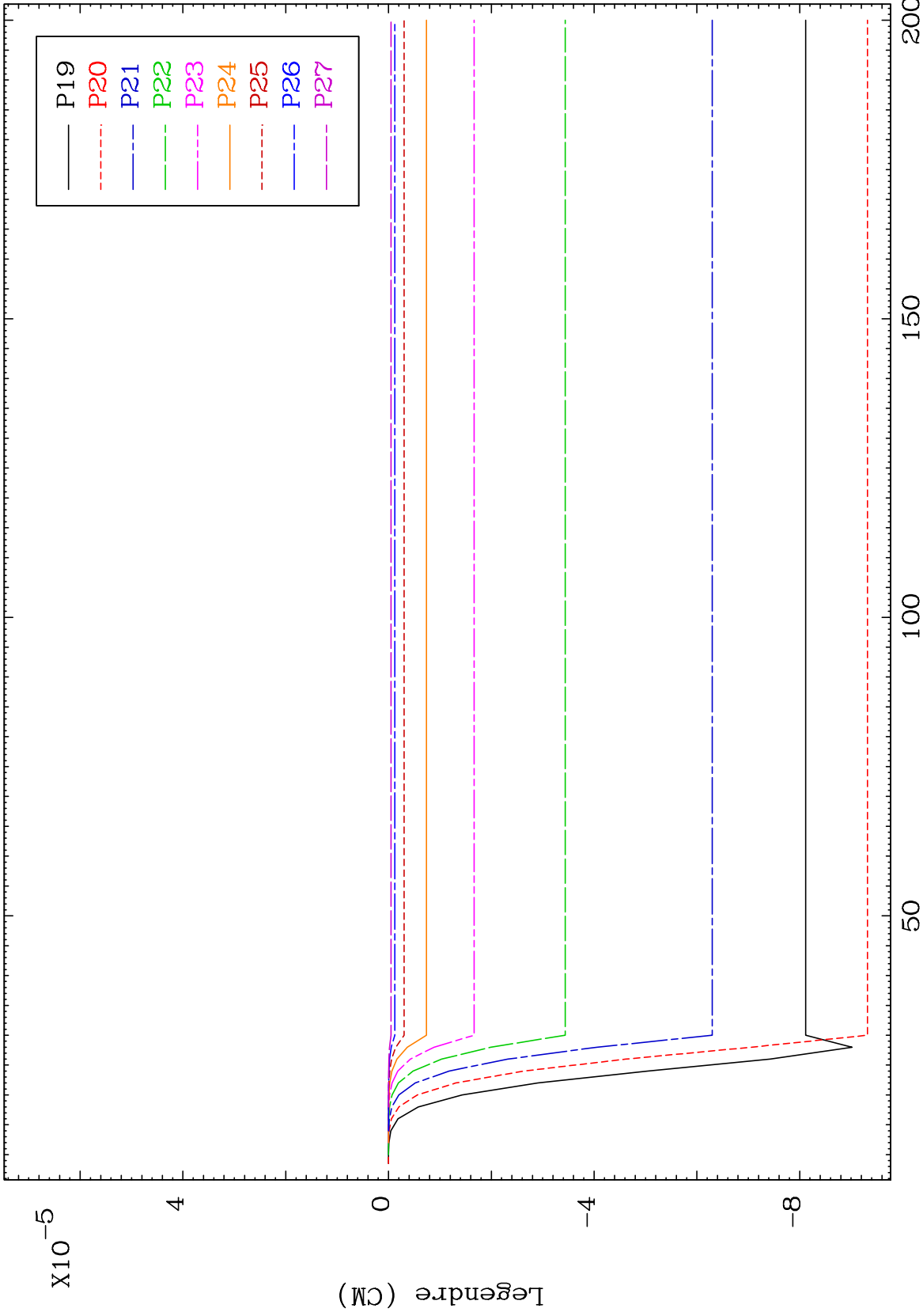


45 Incident Energy (MeV) 39-Y -96

MAT 3946

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

39-Y -96



46

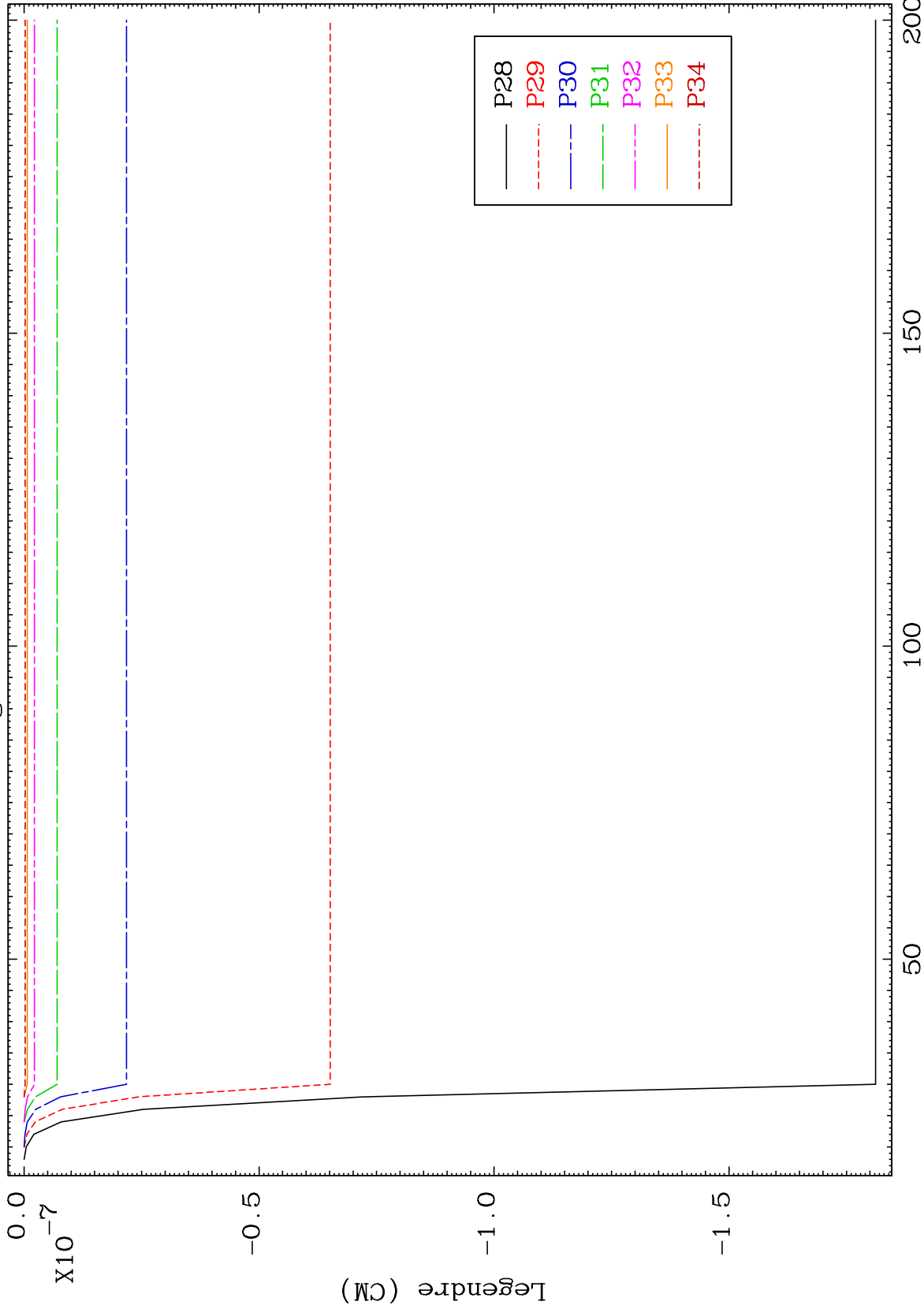
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



39-Y -96

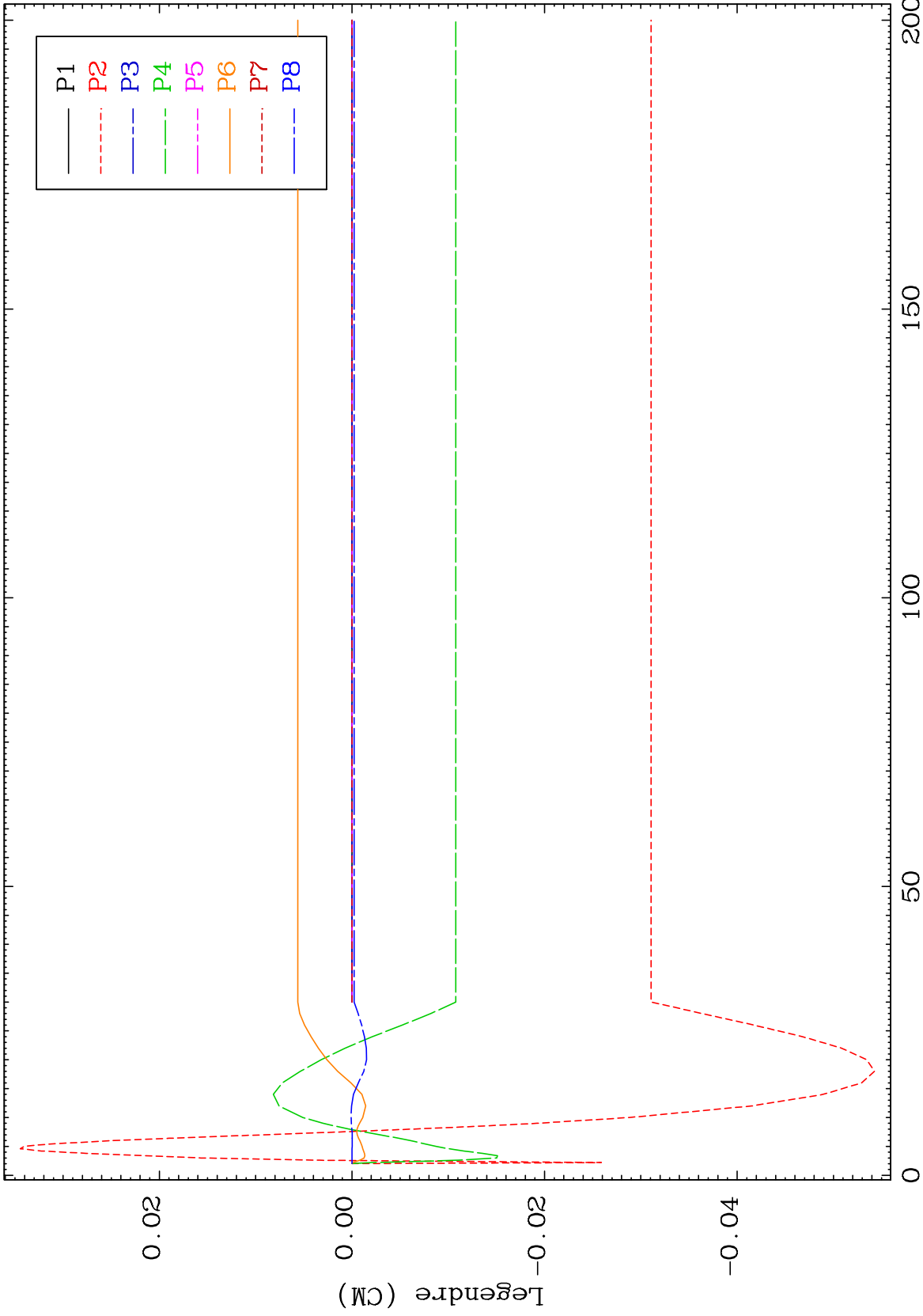
Incident Energy (MeV)

47

MAT 3946

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

39-Y -96



48

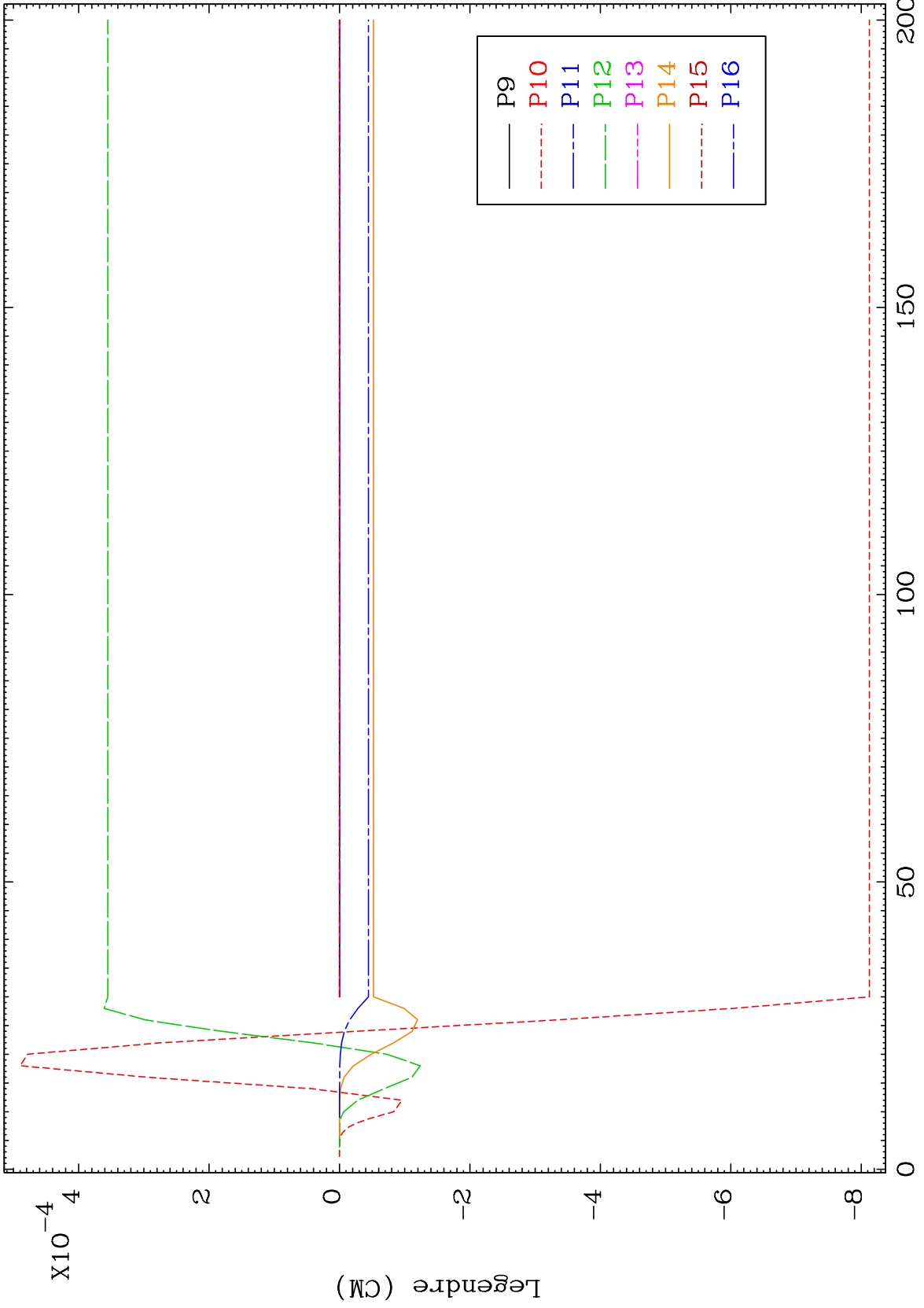
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



49

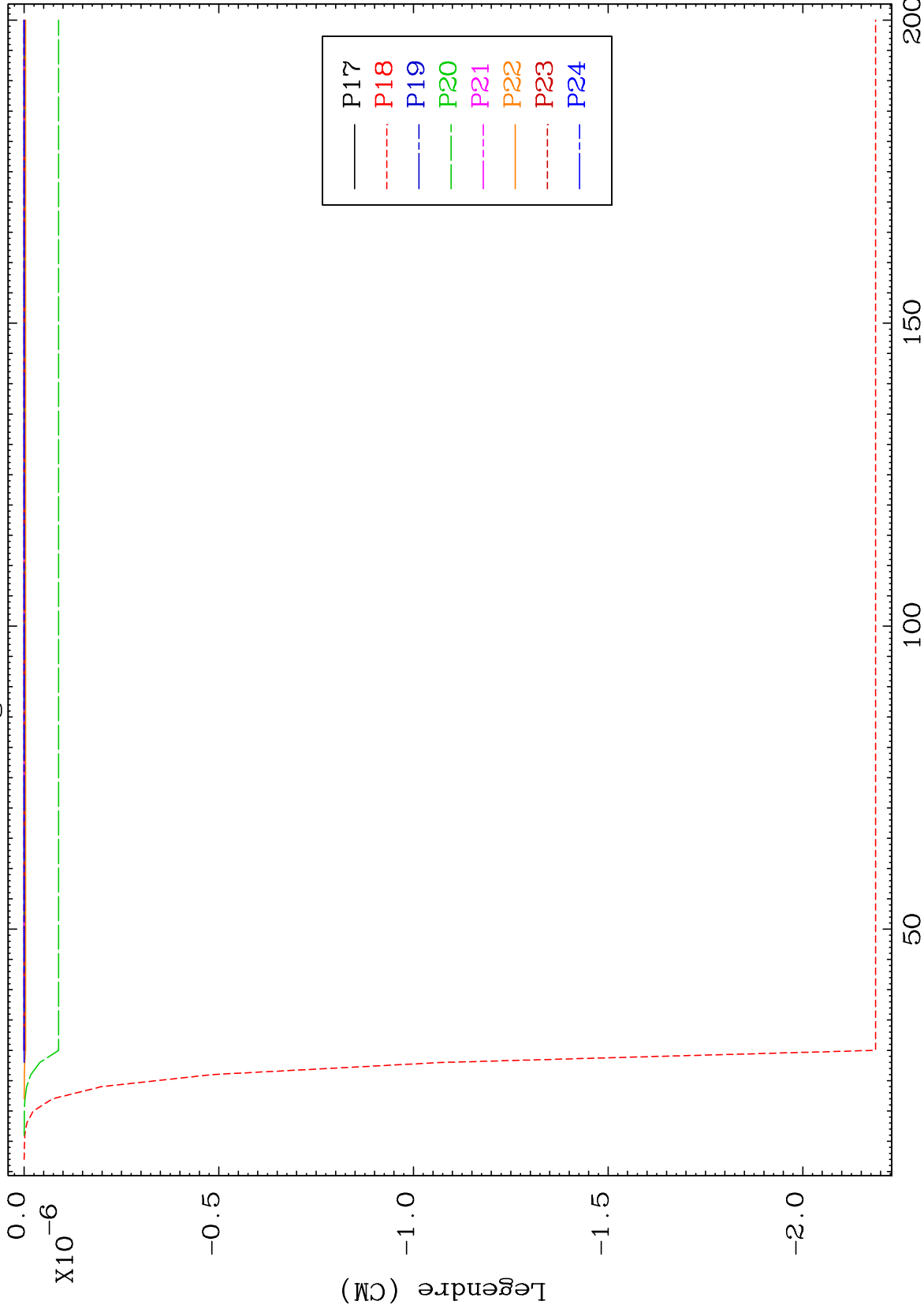
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



39-Y -96

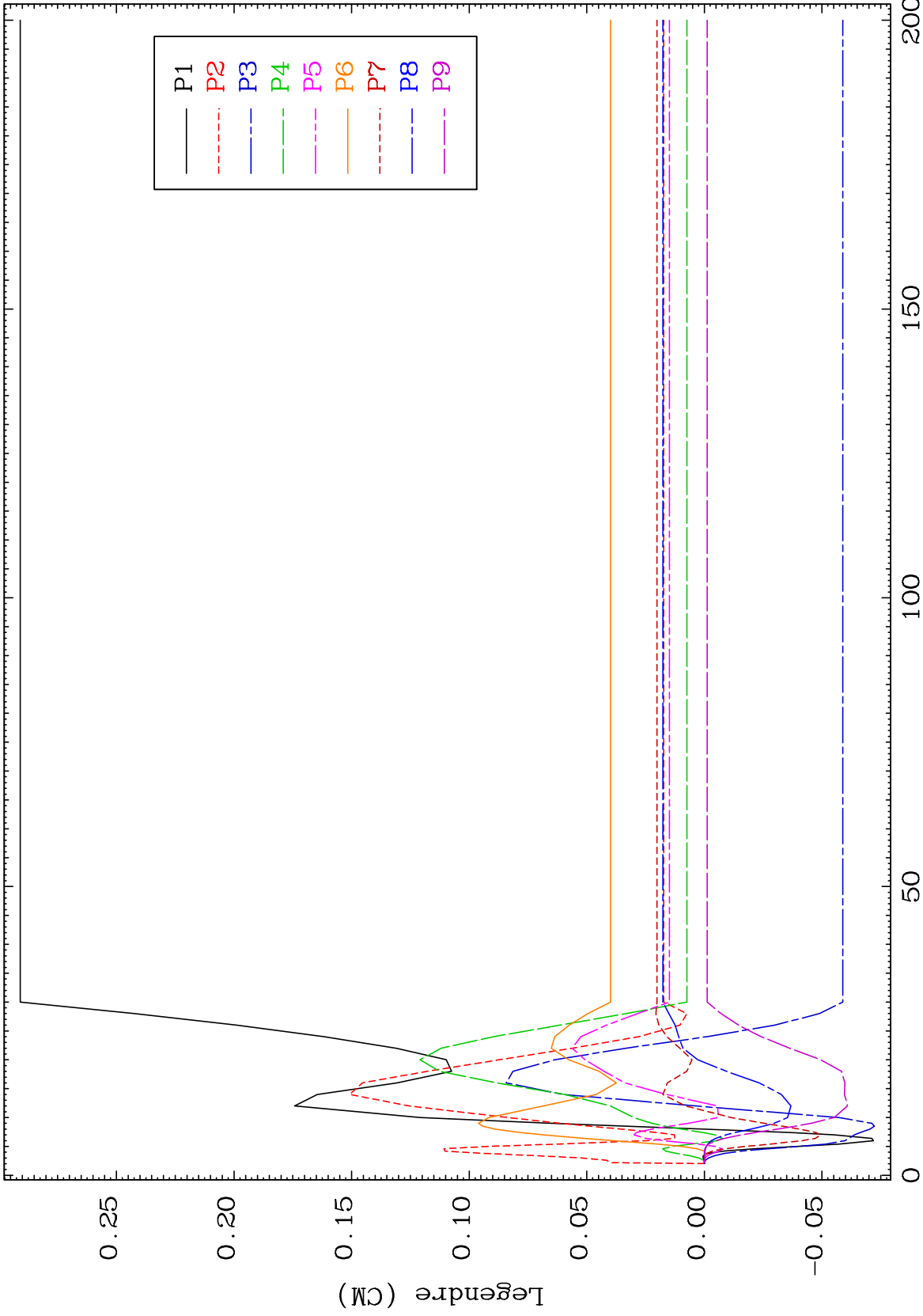
Incident Energy (MeV)

50

MAT 3946

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

39-Y -96



51

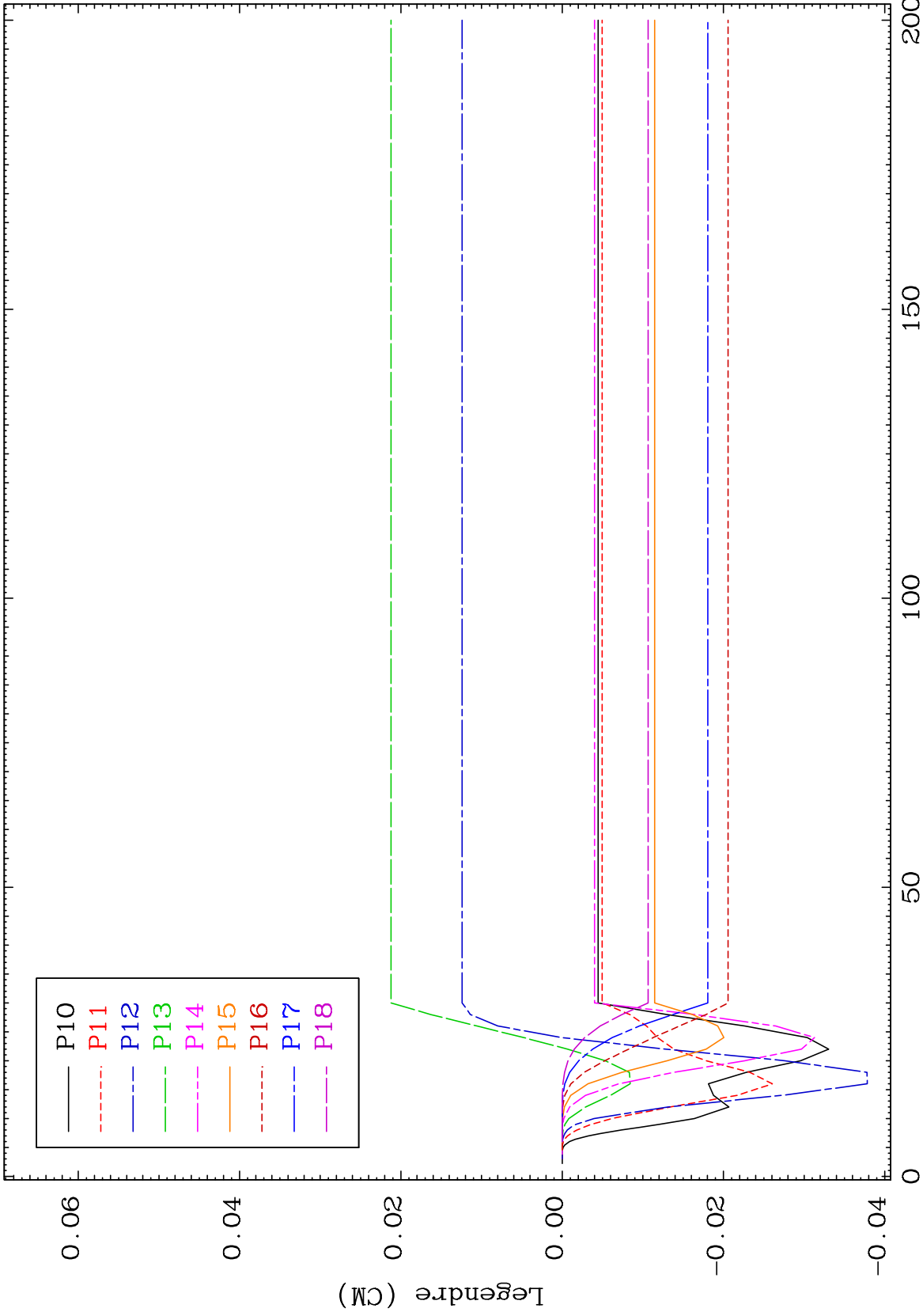
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



52

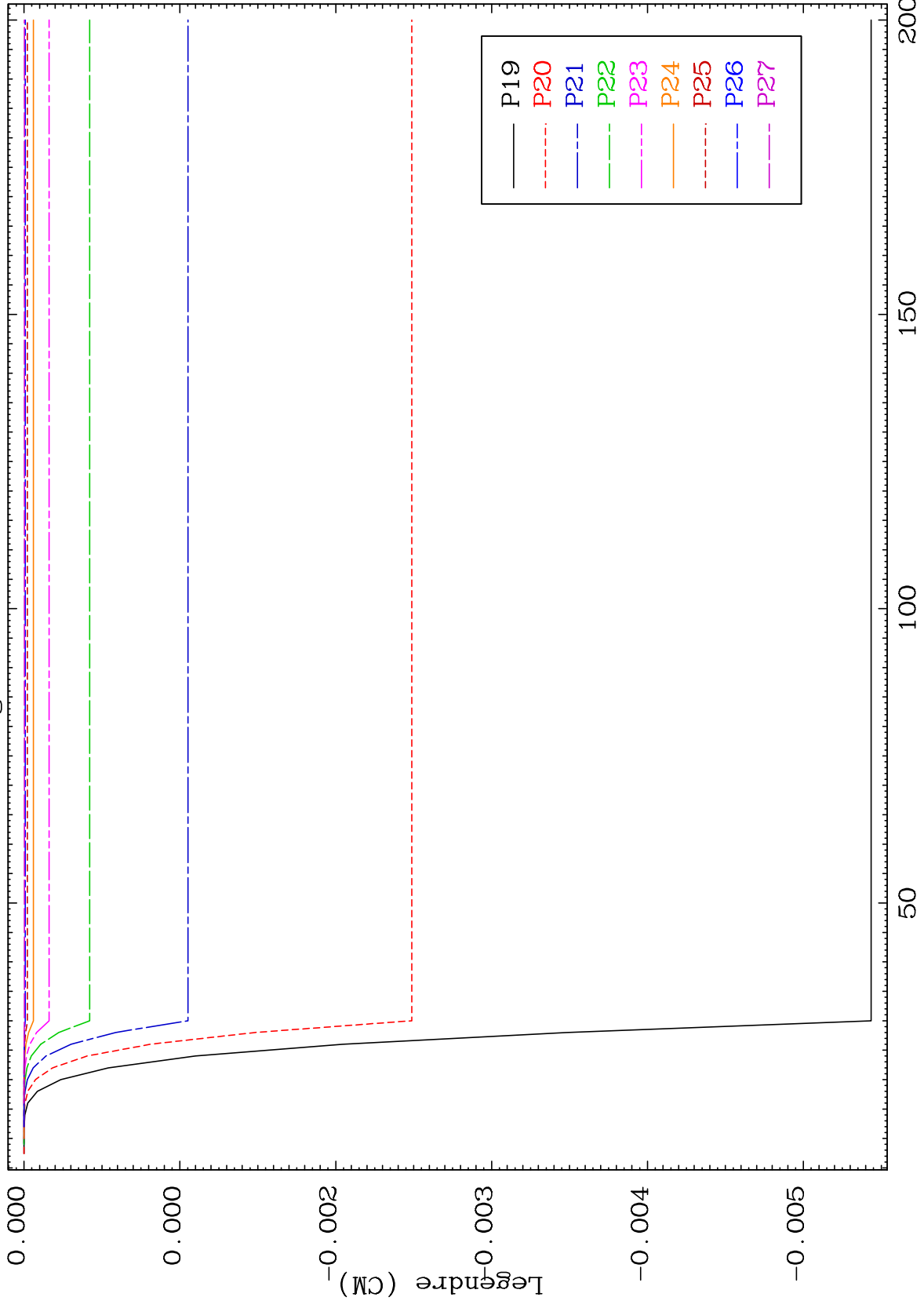
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



39-Y -96

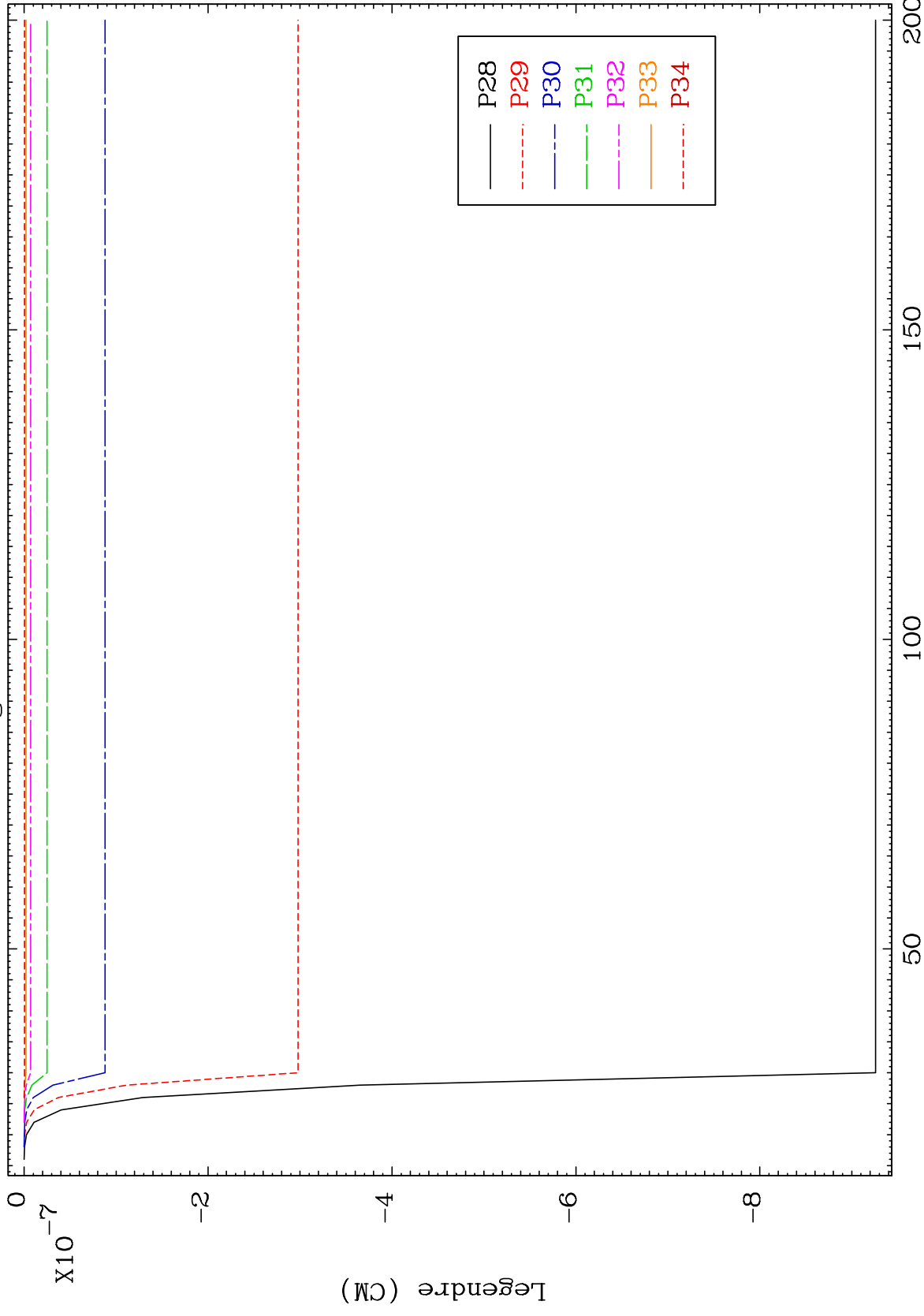
Incident Energy (MeV)

53

MAT 3946

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

39-Y -96

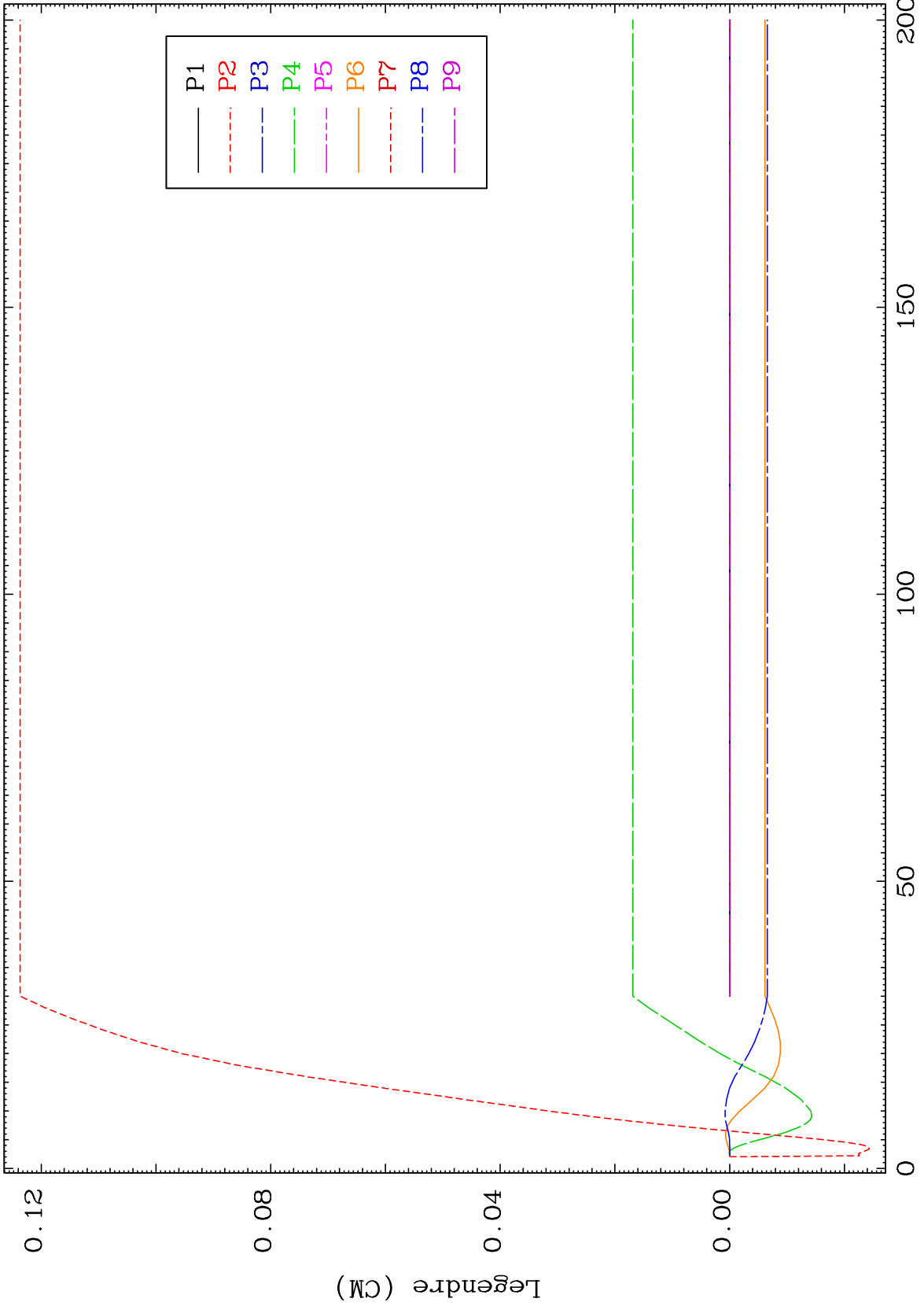


39-Y -96

Incident Energy (MeV)

54

MAT 3946 MT= 61 (n,n') Level Legendre Coefficients 39-Y -96

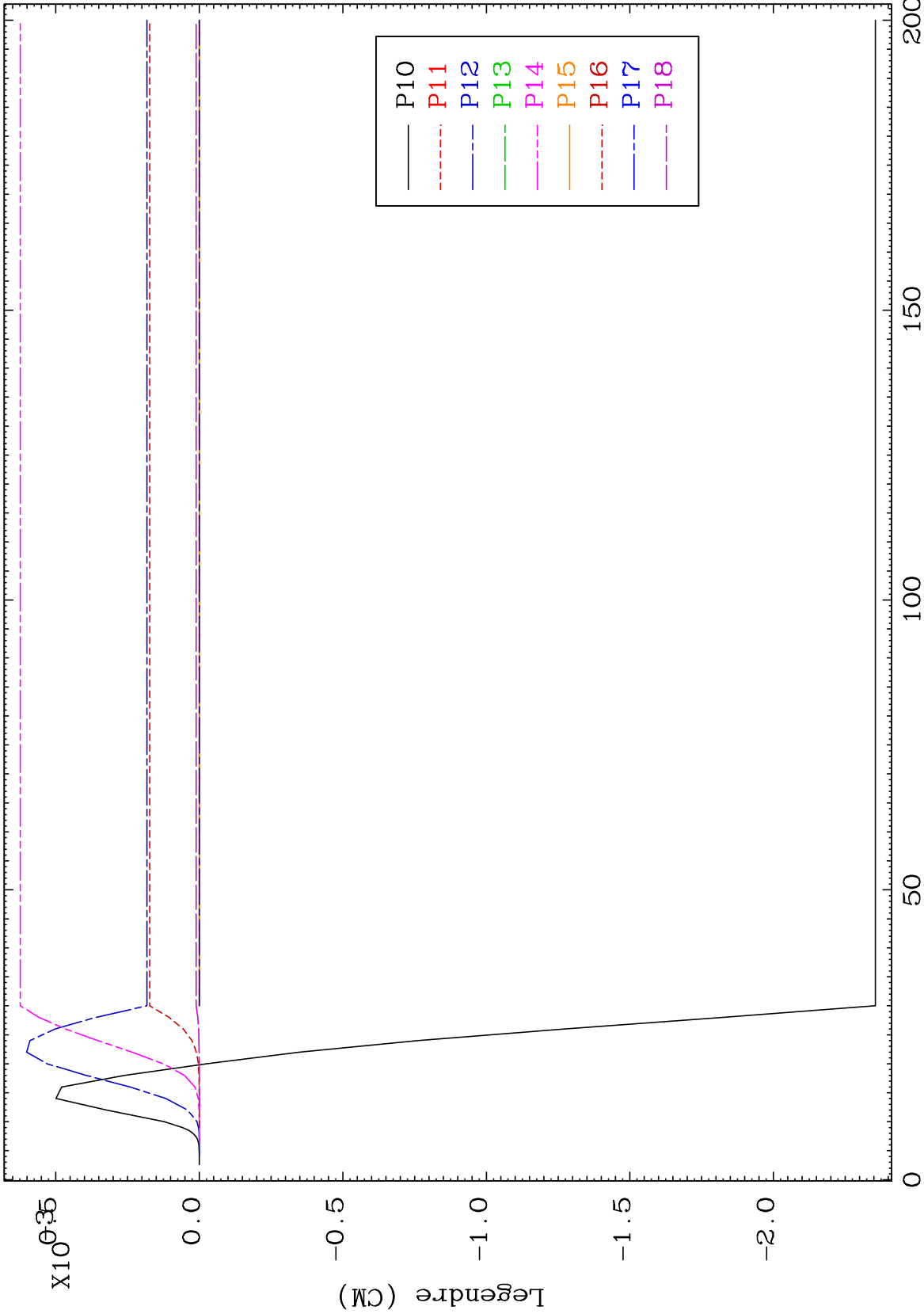


55 Incident Energy (MeV) 39-Y -96

MAT 3946

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

39-Y -96



56

Incident Energy (MeV)

39-Y -96

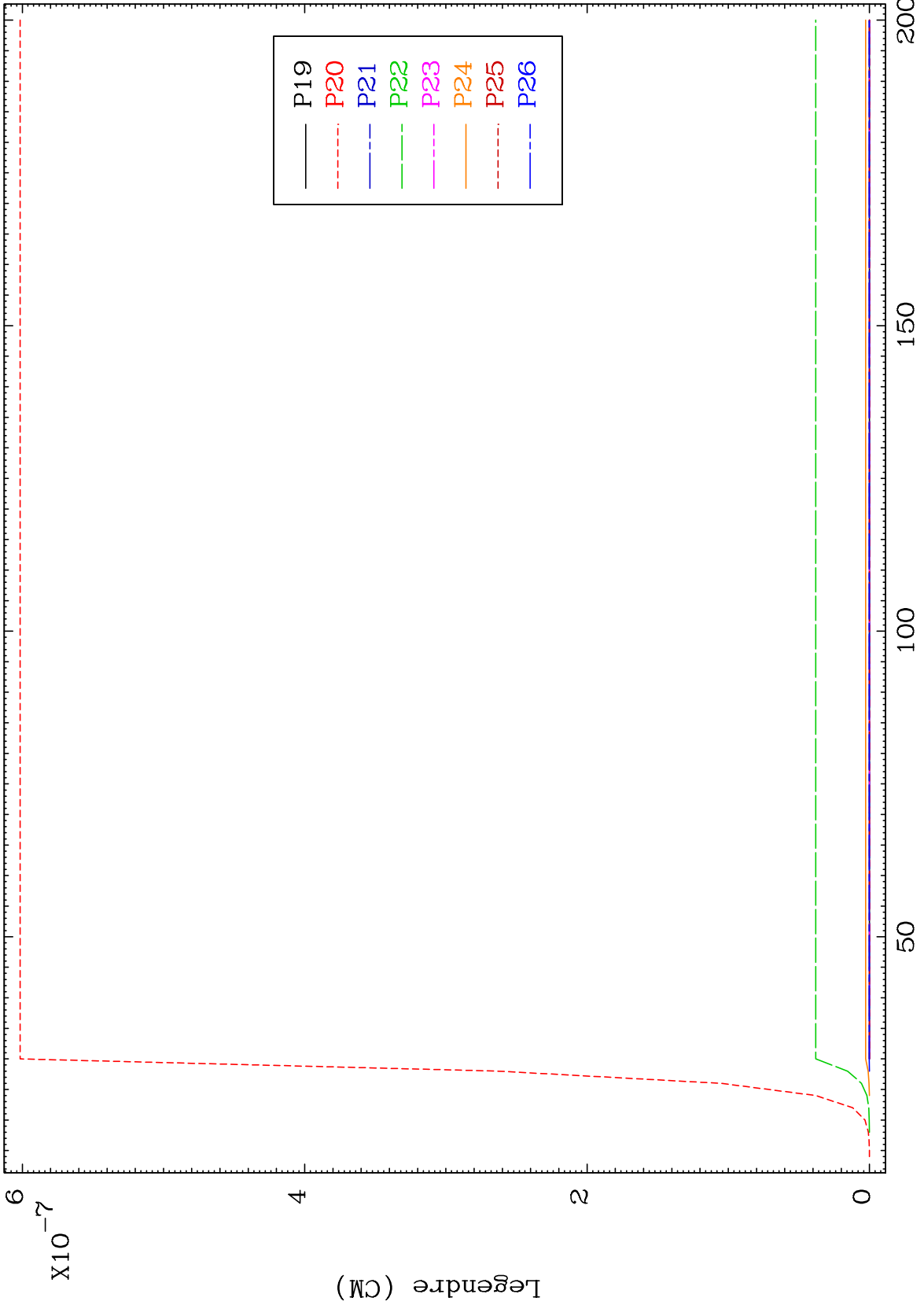
MAT 3946 MT= 61 (n,n') Level Legendre Coefficients

39-Y -96

39-Y -96

Incident Energy (MeV)

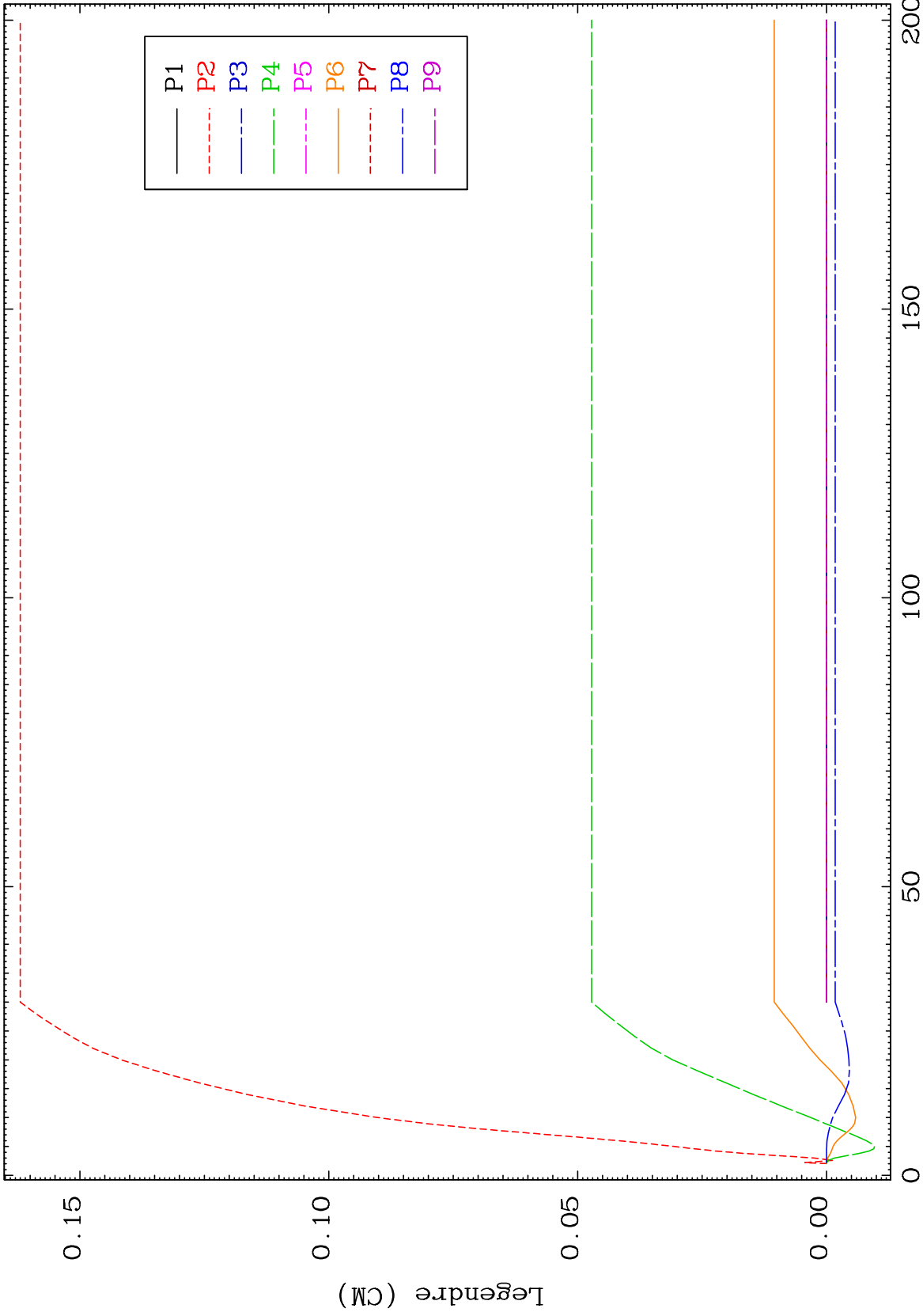
57



MAT 3946

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

39-Y -96



58

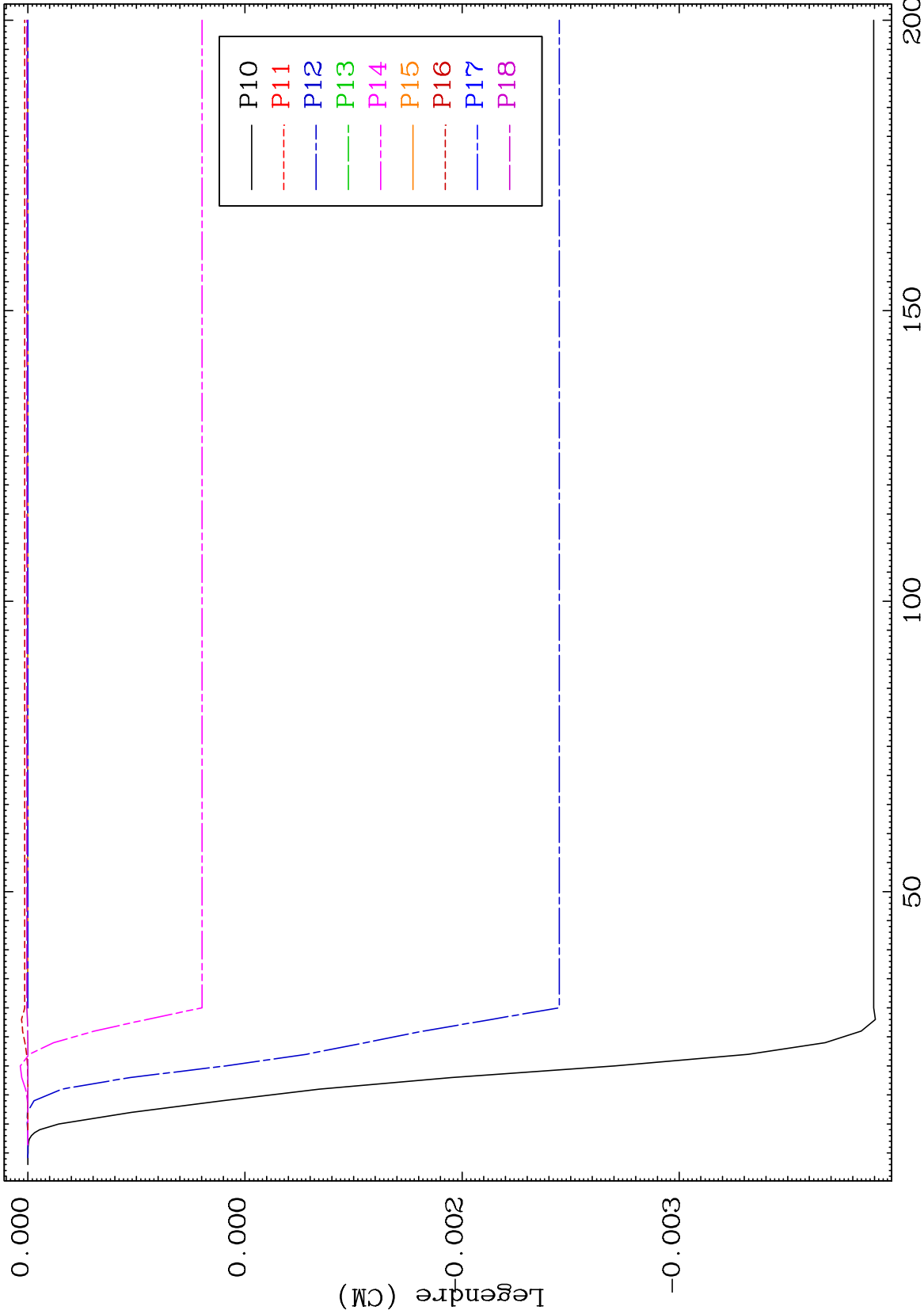
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96

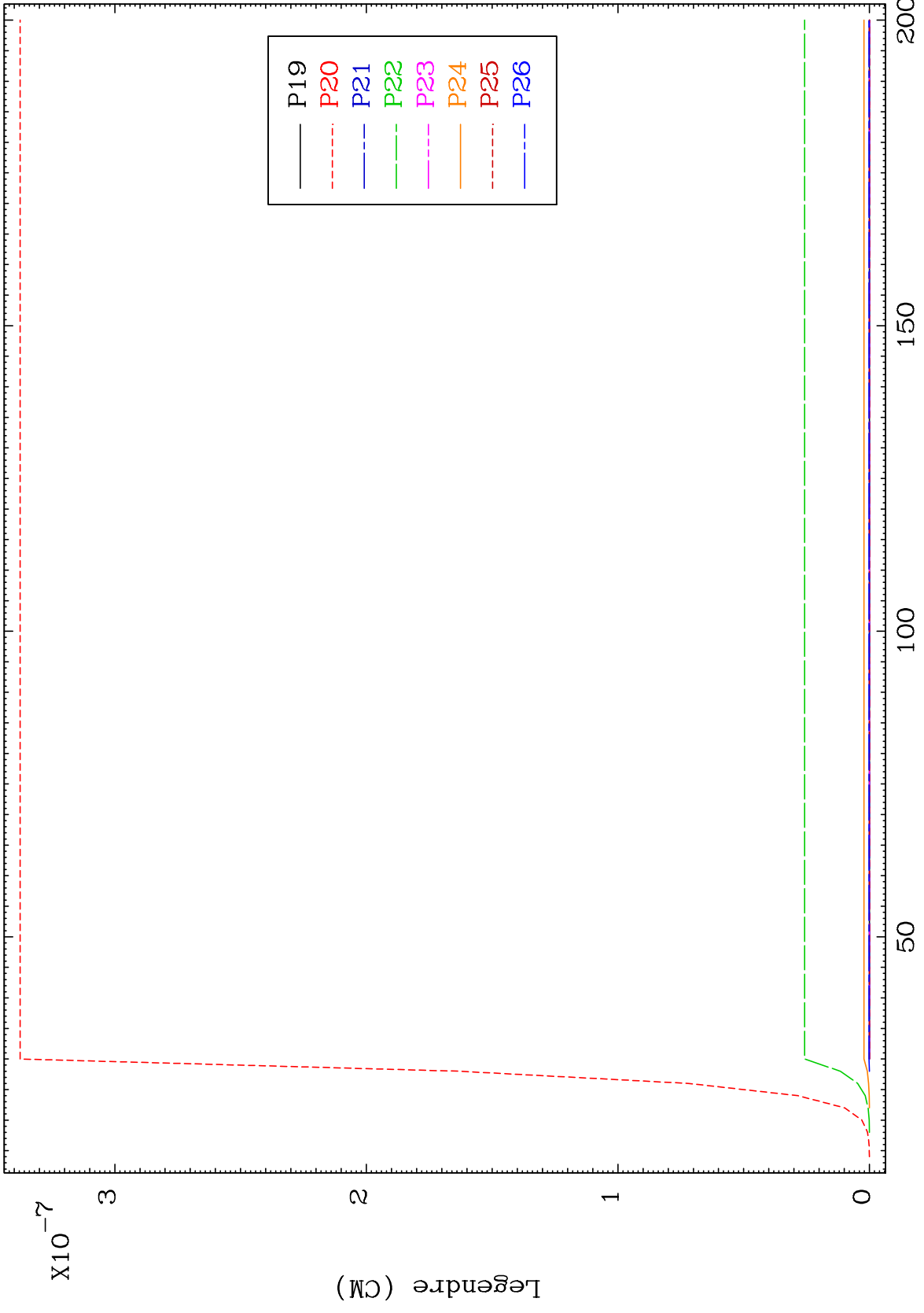


59

Incident Energy (MeV)

39-Y -96

MAT 3946 MT= 62 (n,n') Level Legendre Coefficients 39-Y -96

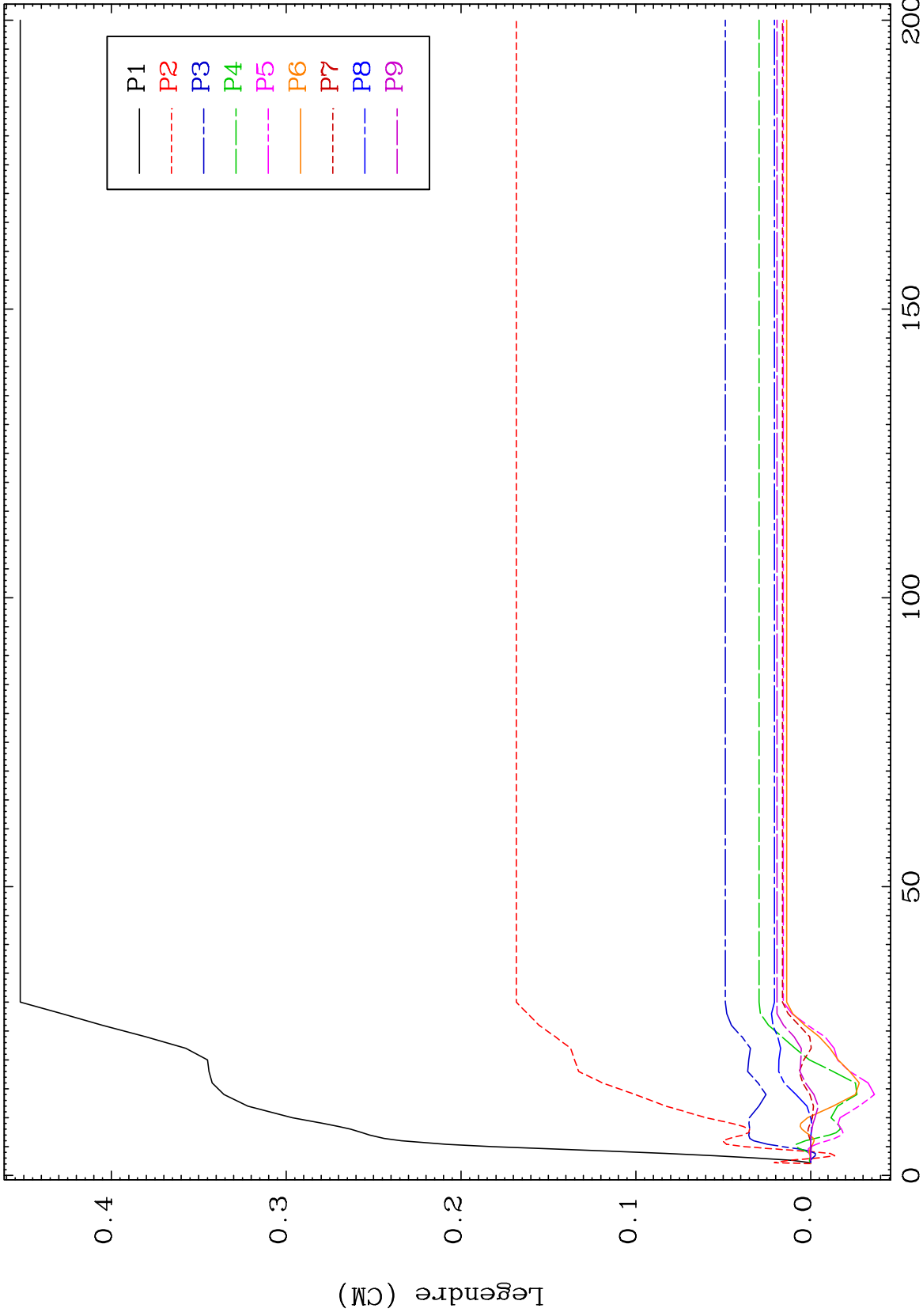


60 50 100 150 200 39-Y -96

MAT 3946

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

39-Y -96



61

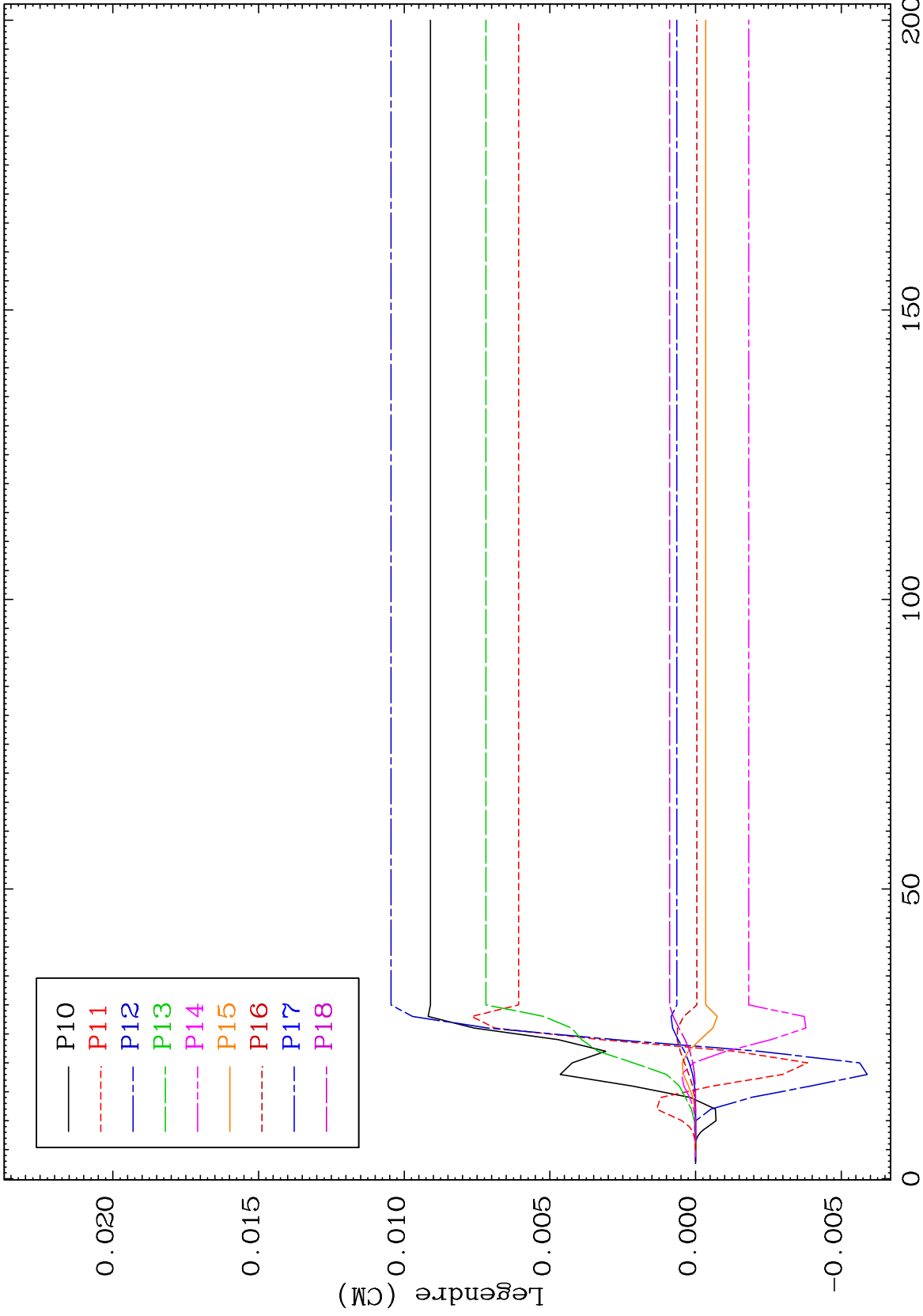
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



62

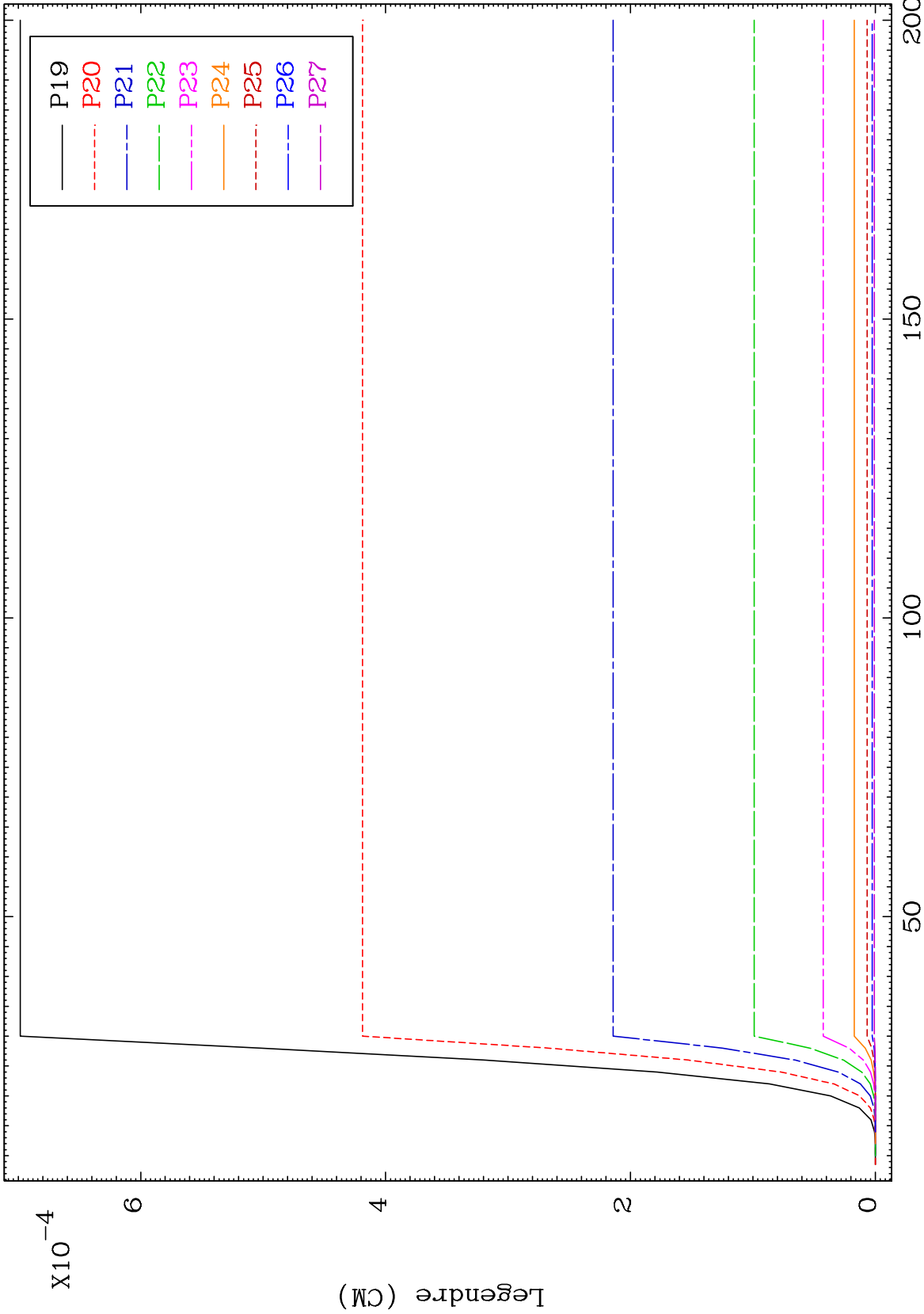
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



63

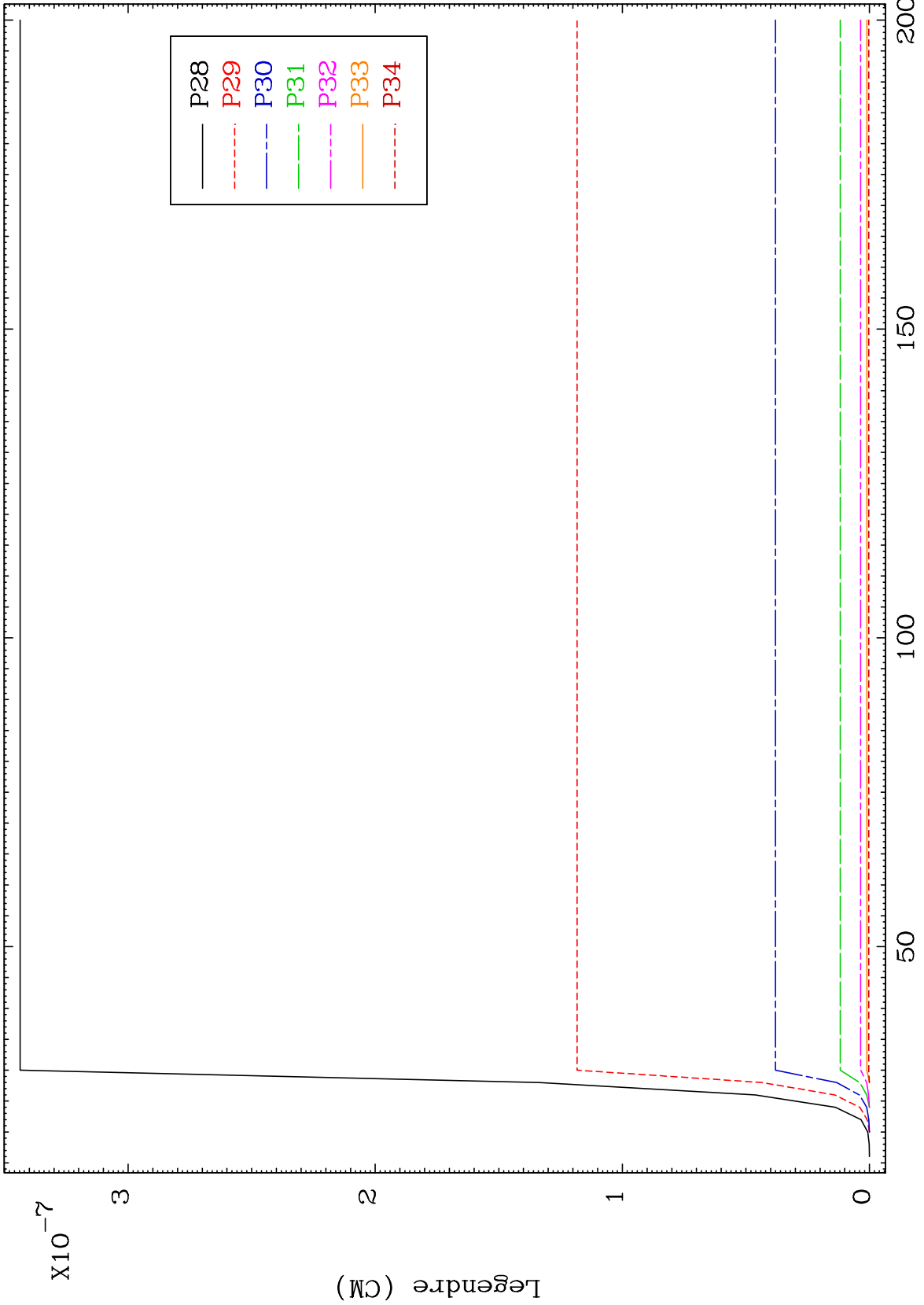
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



64

Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



65

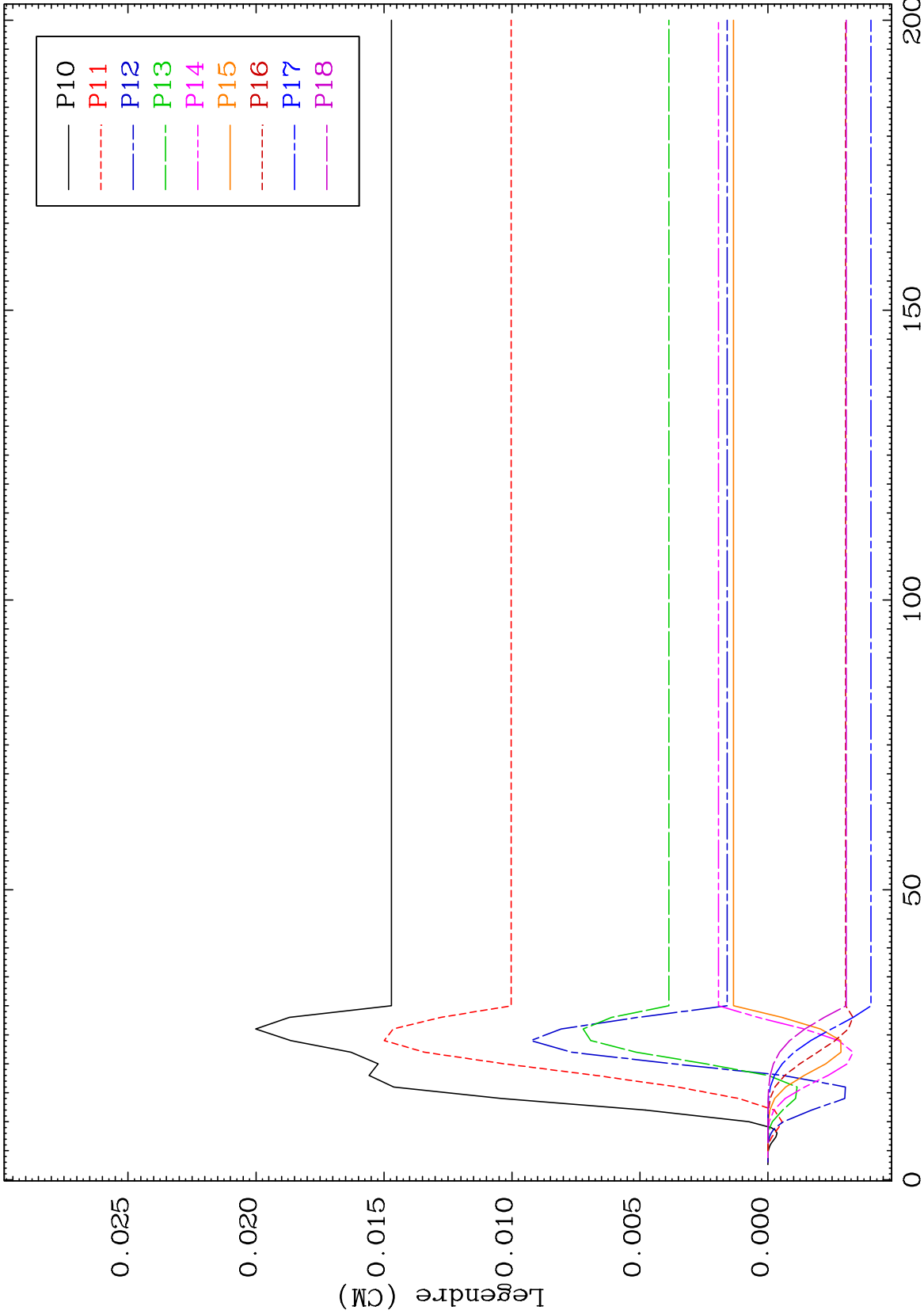
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



66

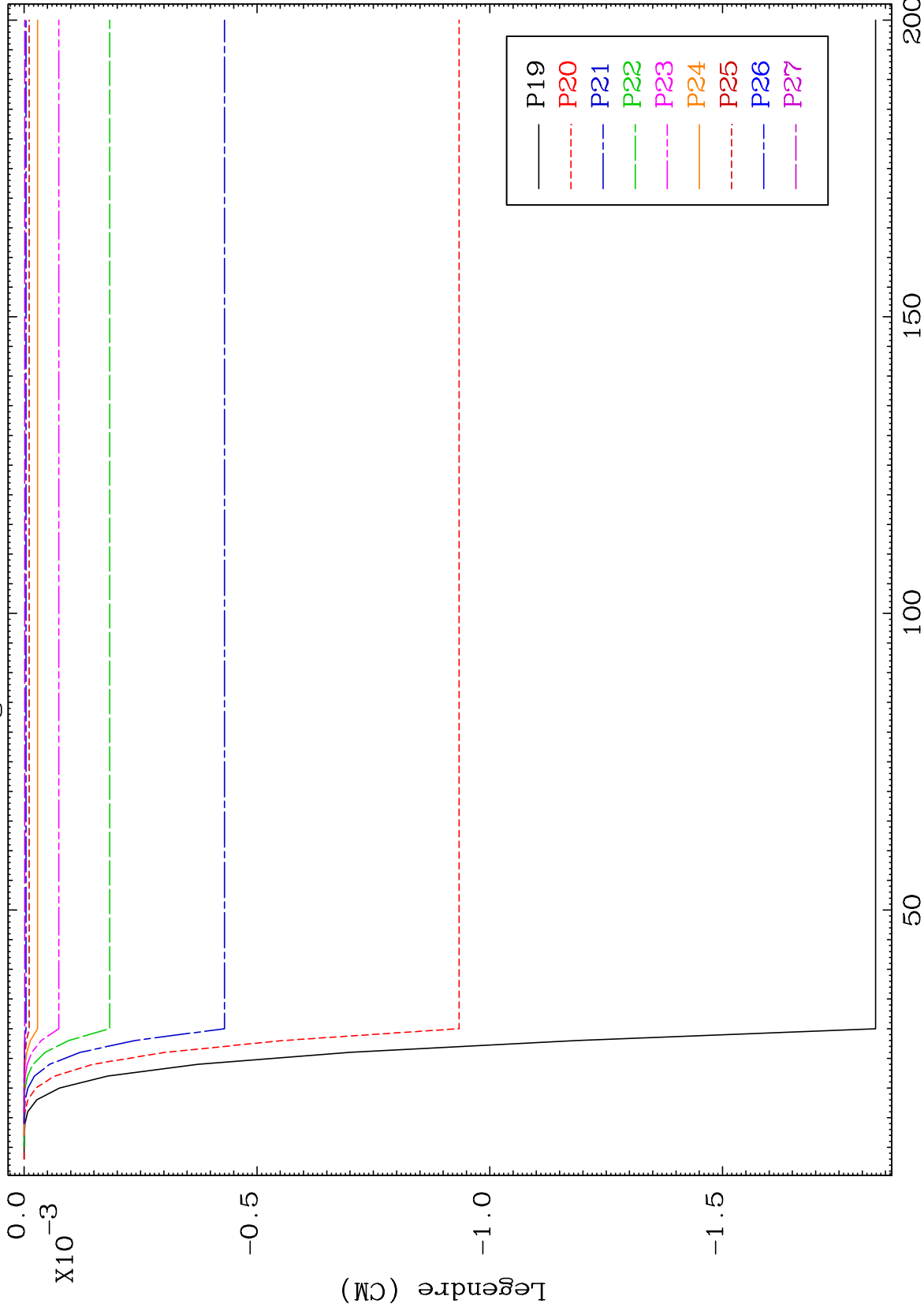
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



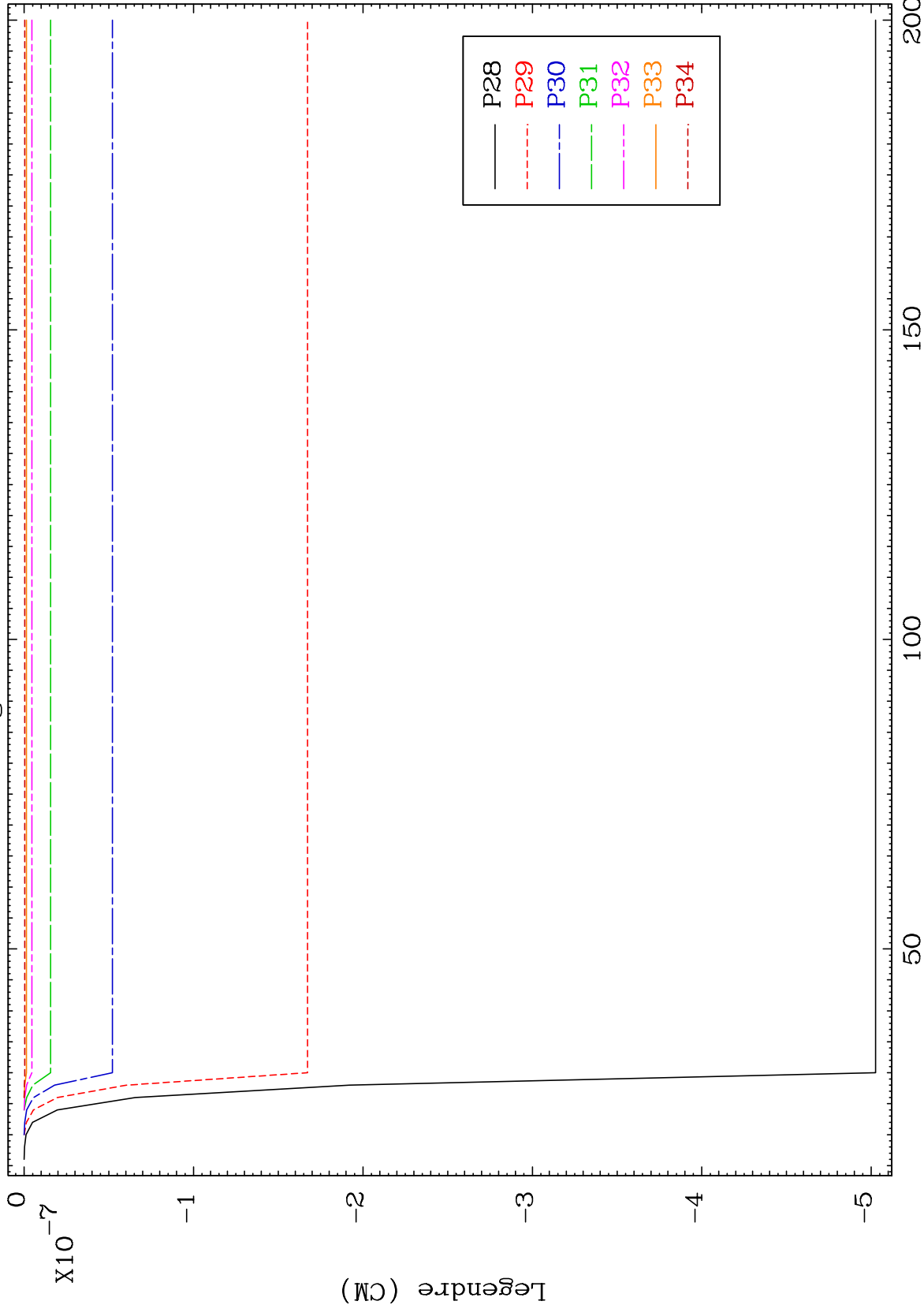
67

39-Y -96

MAT 3946

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

39-Y -96



39-Y -96

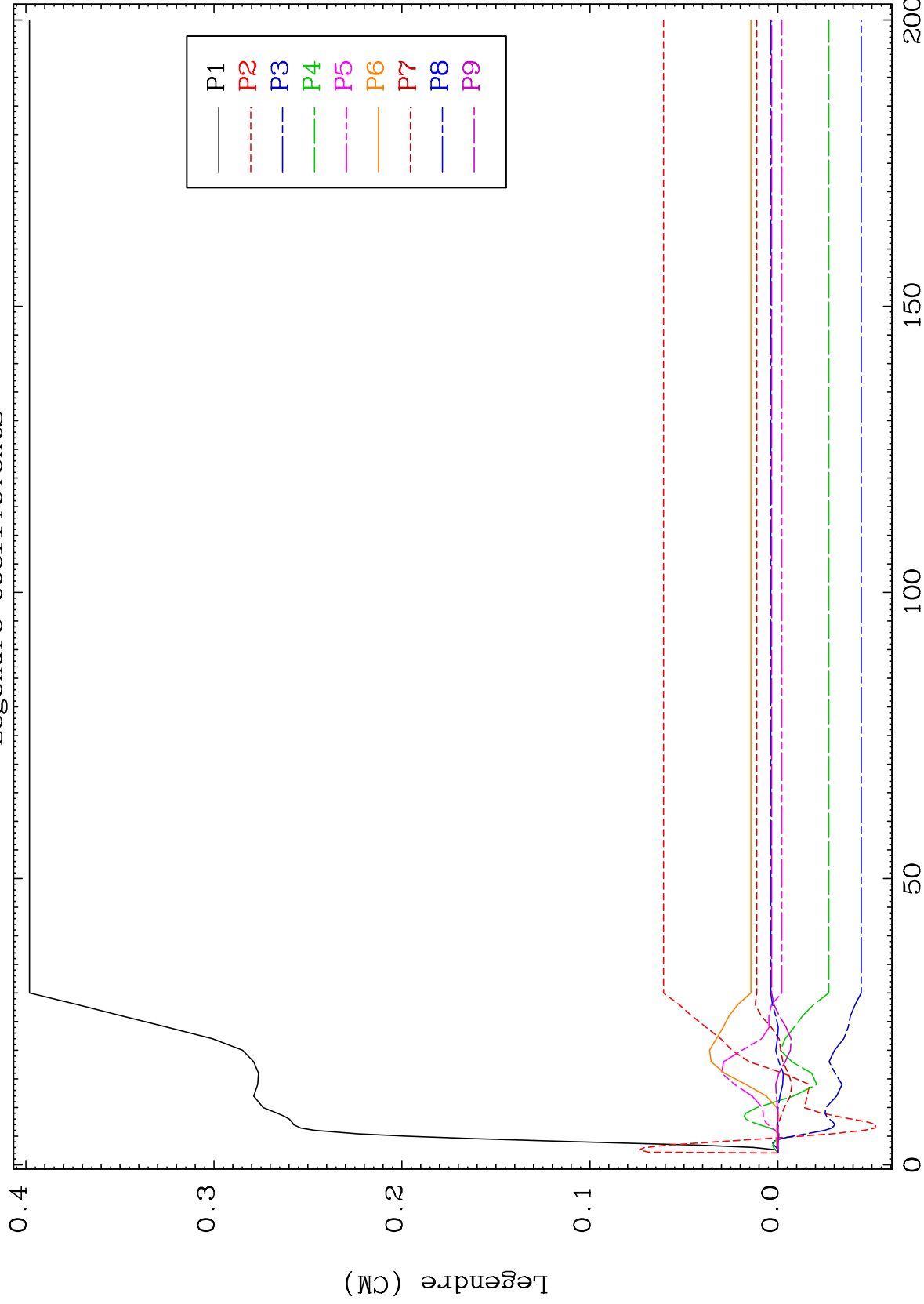
Incident Energy (MeV)

68

MAT 3946

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

39-Y -96



69

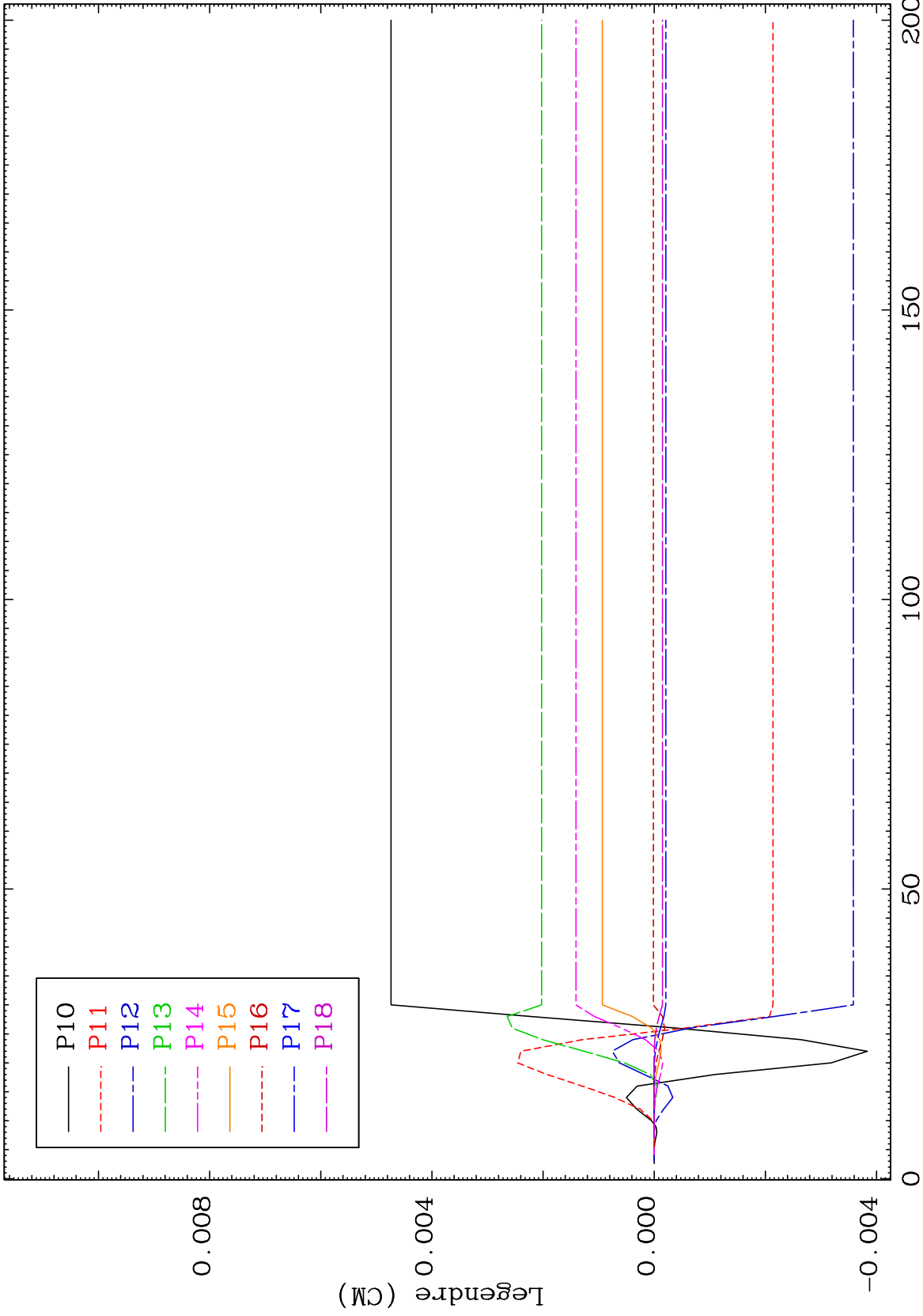
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



70

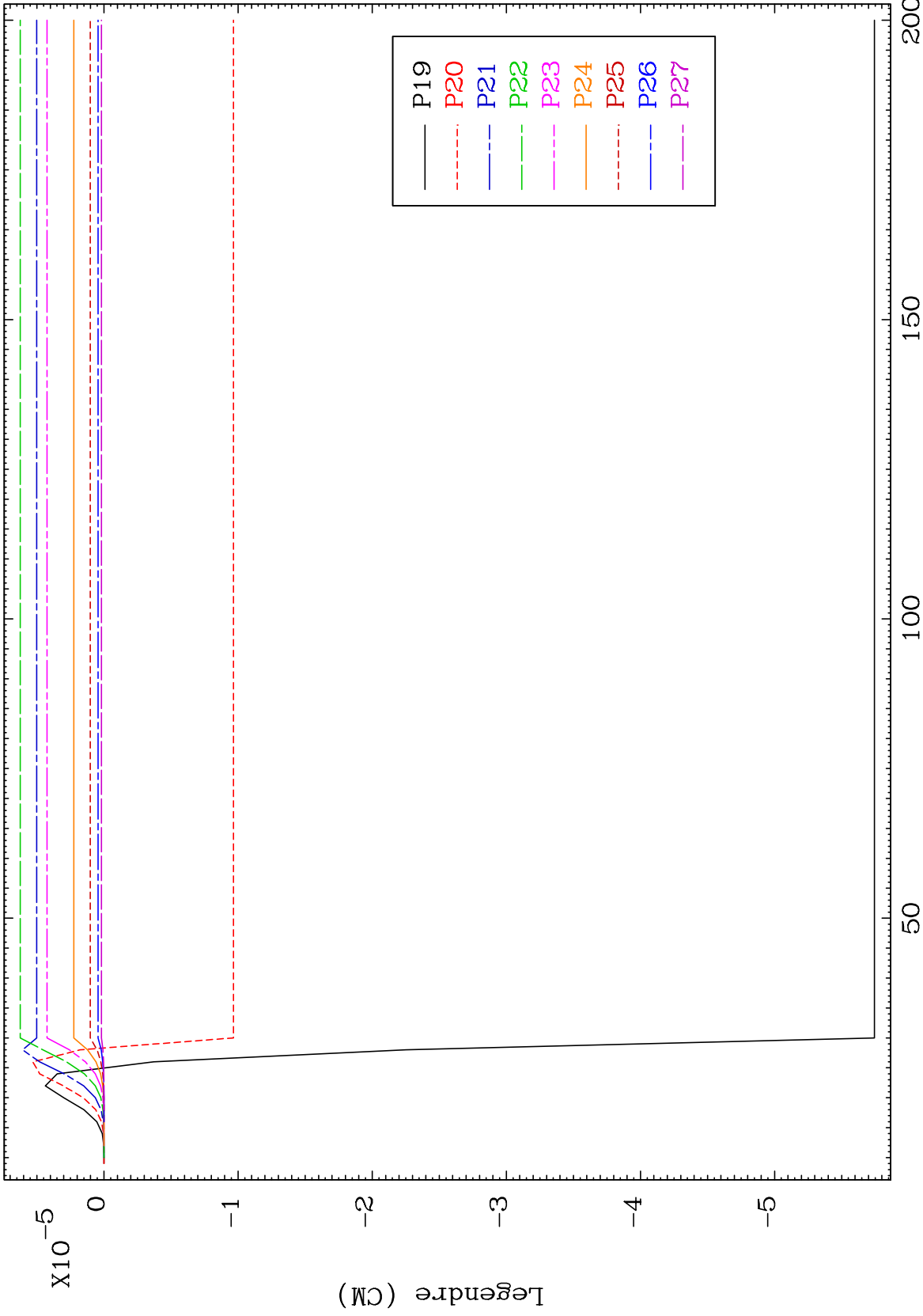
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



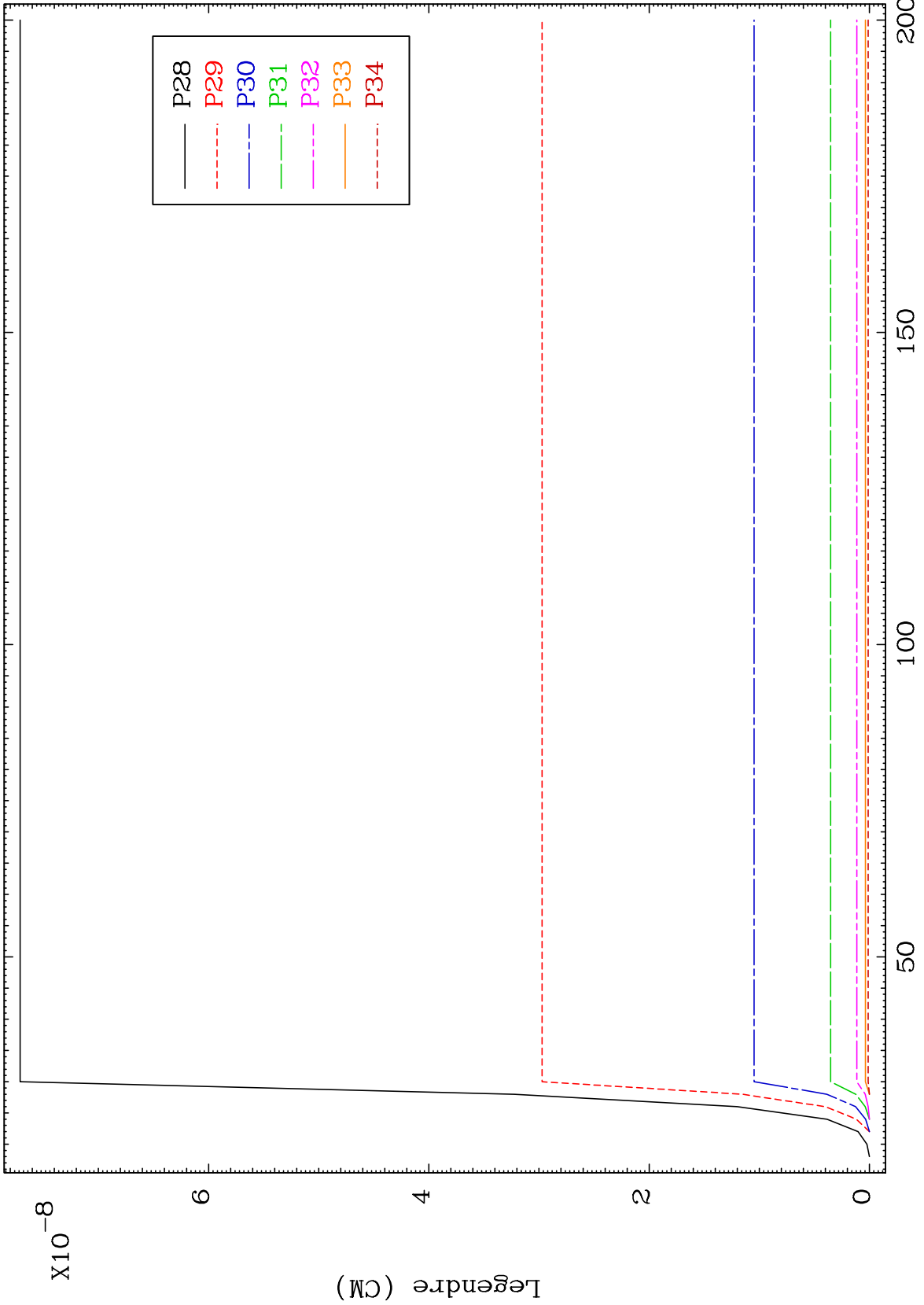
71

39-Y -96

MAT 3946

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

39-Y -96



72

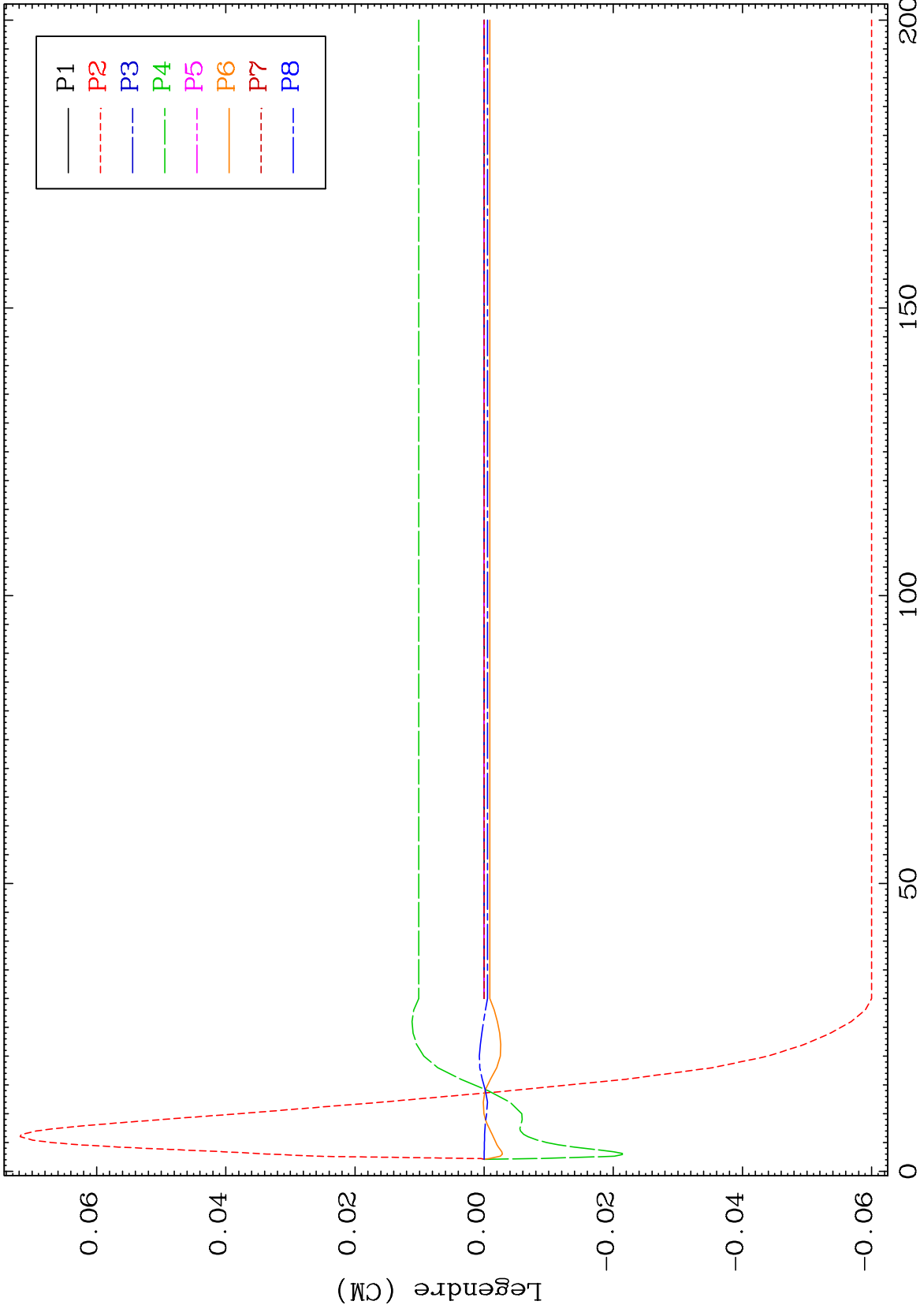
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



73

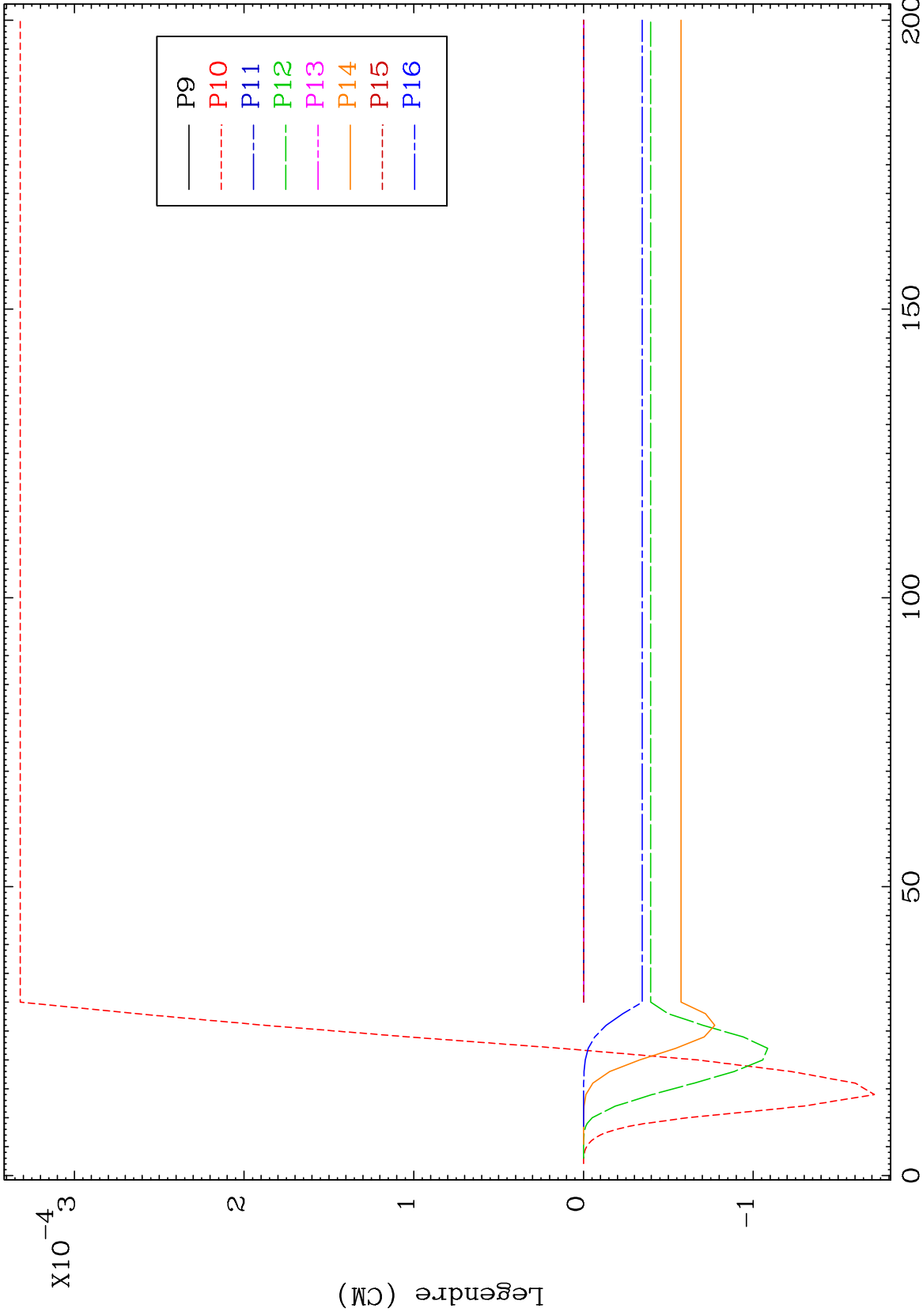
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



74

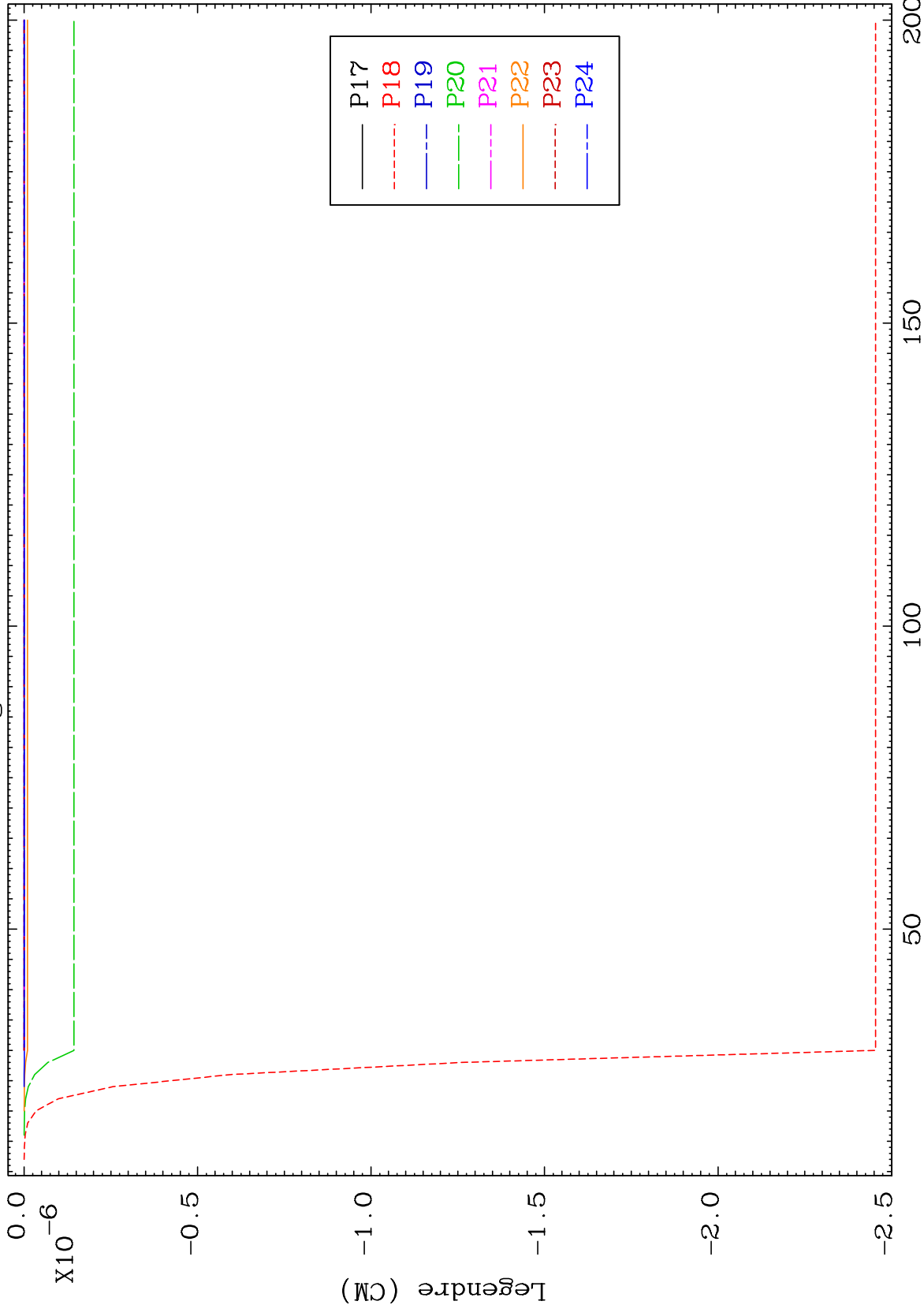
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



39-Y -96

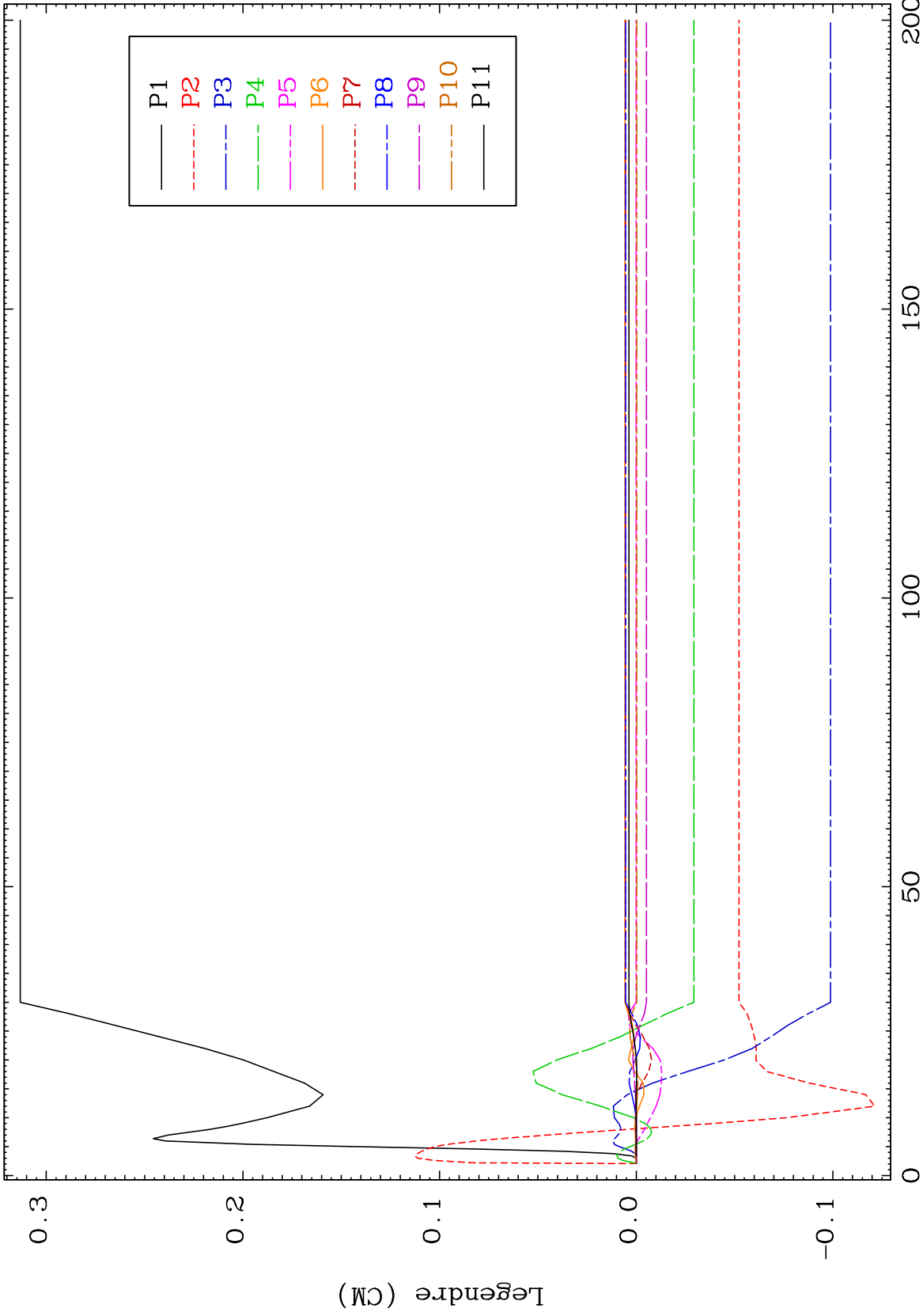
Incident Energy (MeV)

75

MAT 3946

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

39-Y -96



76

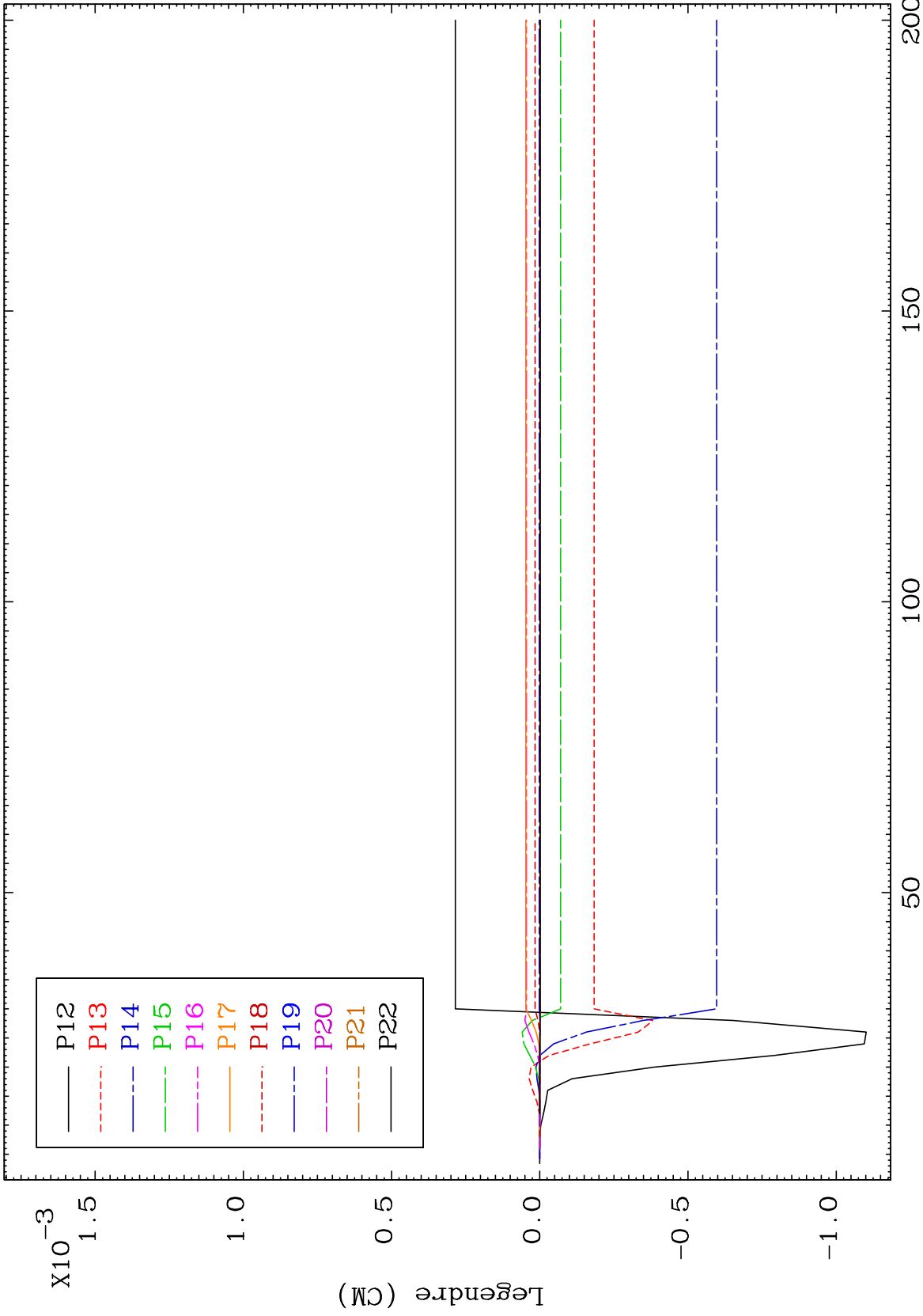
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



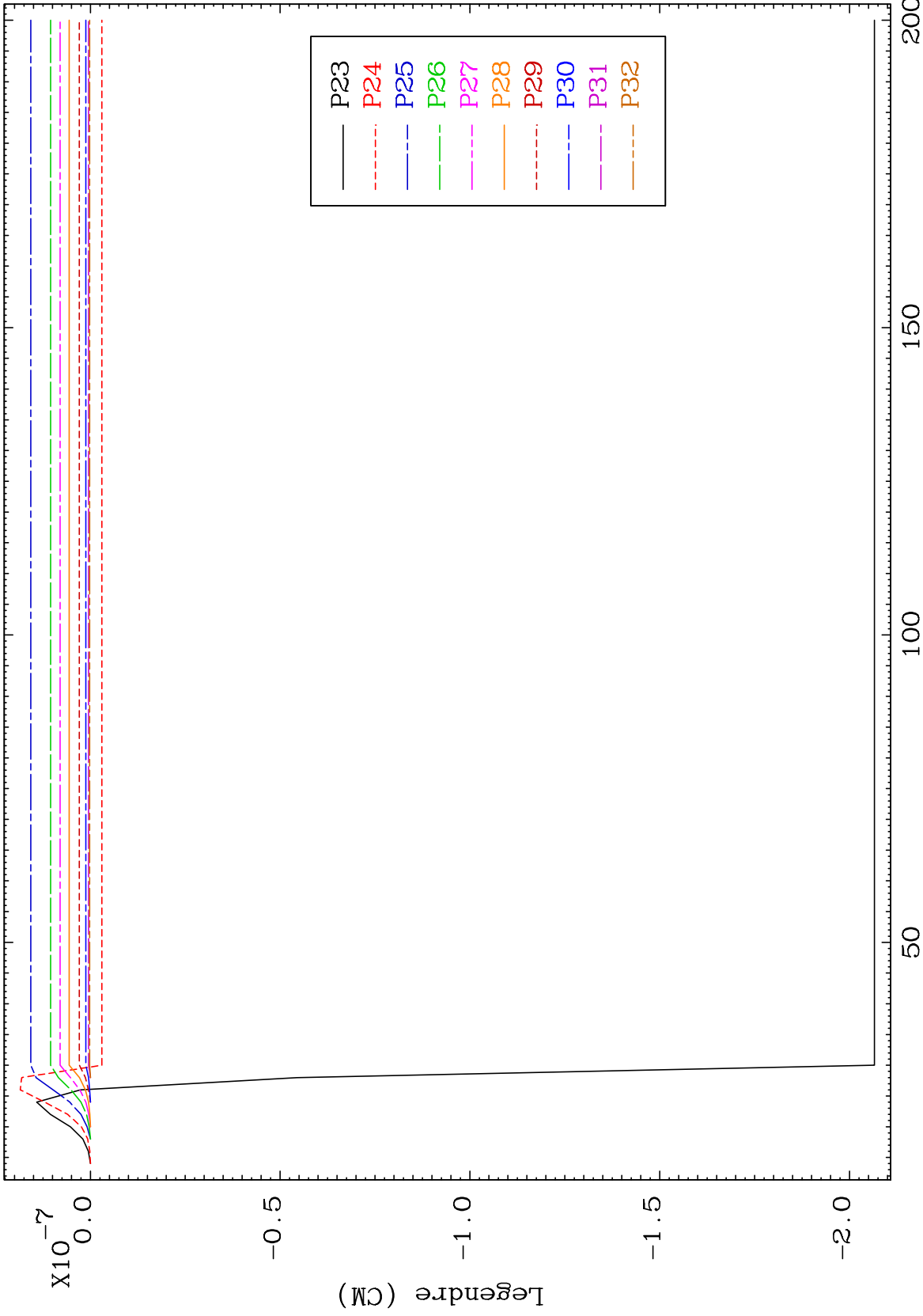
77

39-Y -96

MAT 3946

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

39-Y -96



78

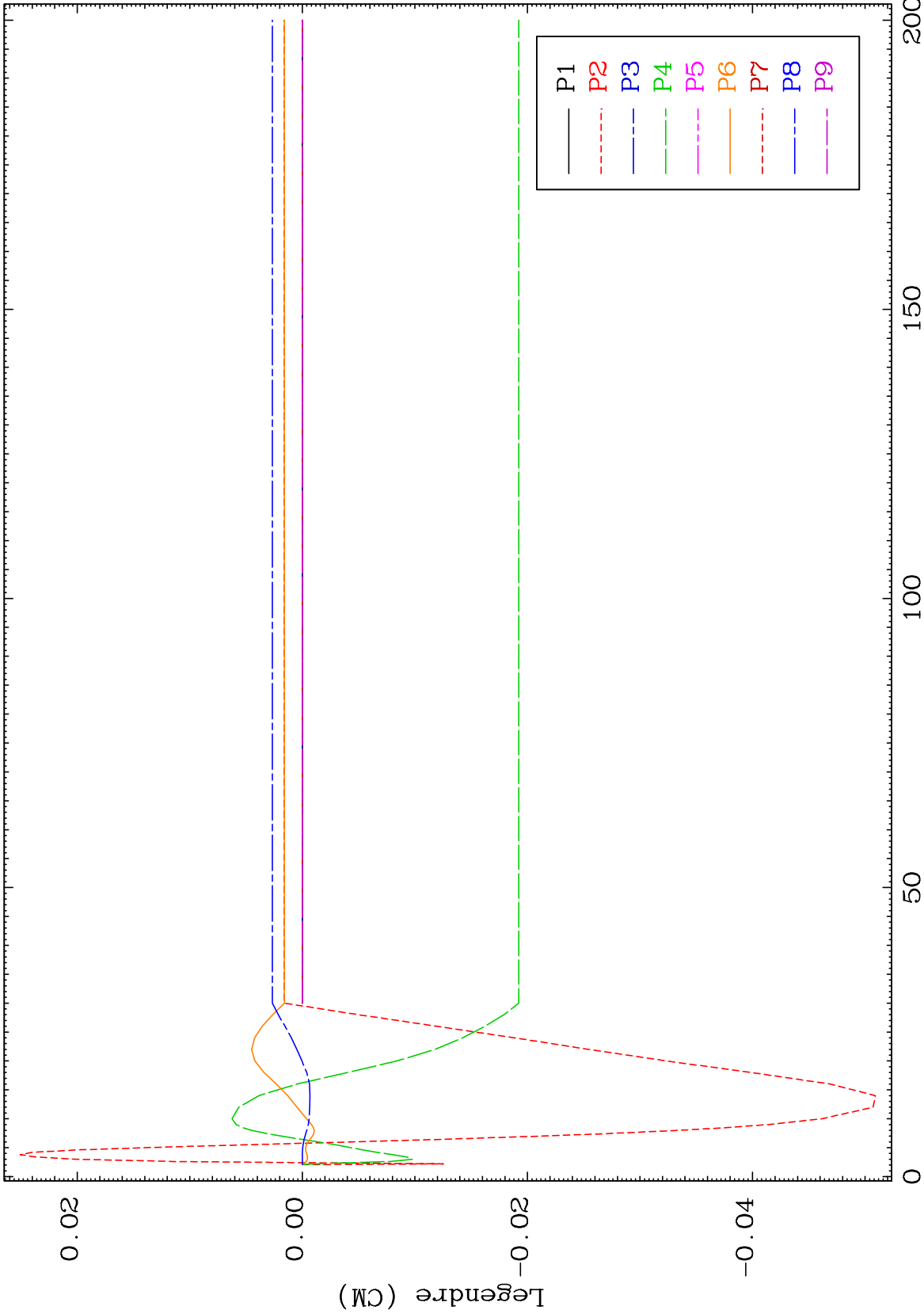
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



79

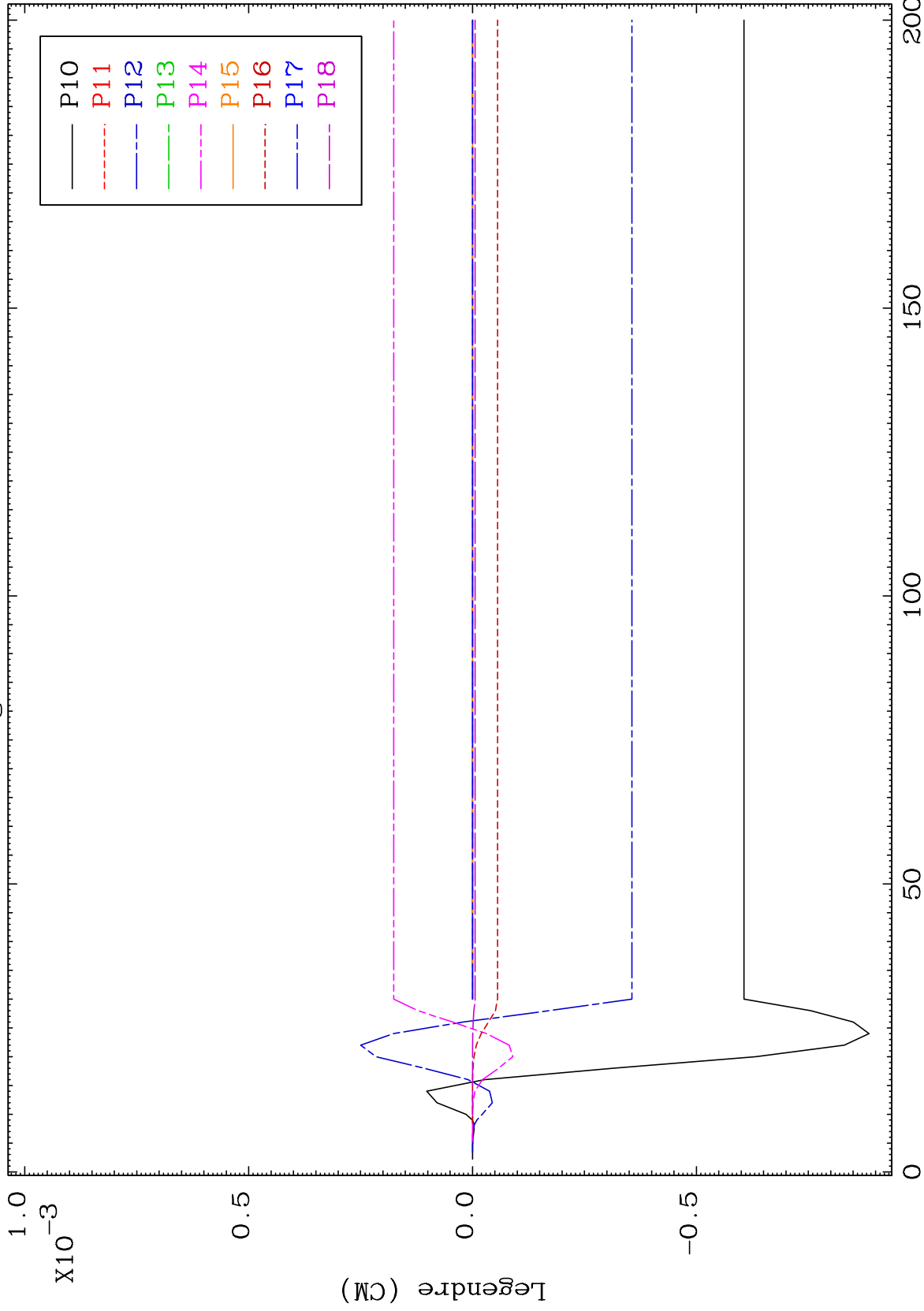
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



80

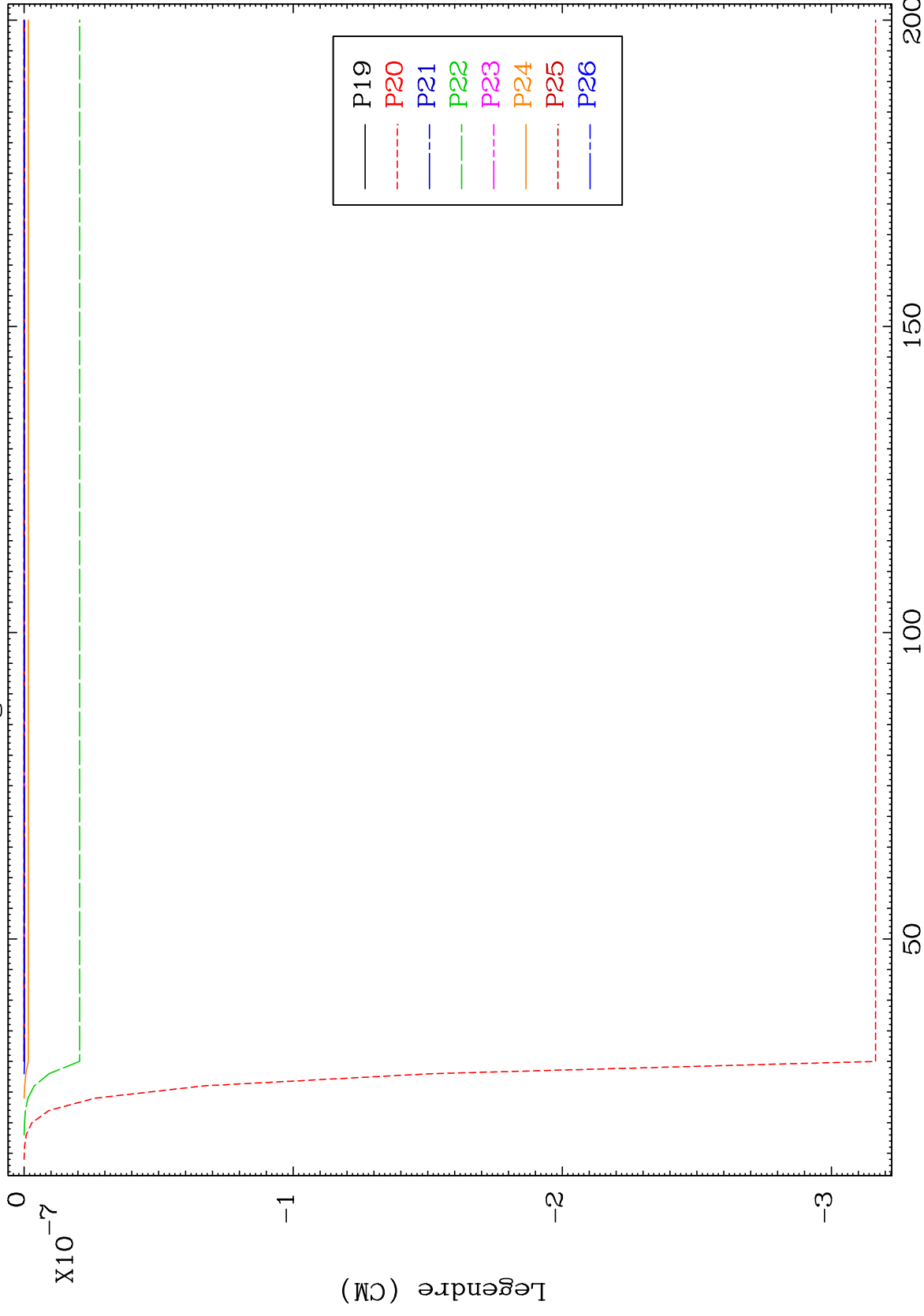
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



39-Y -96

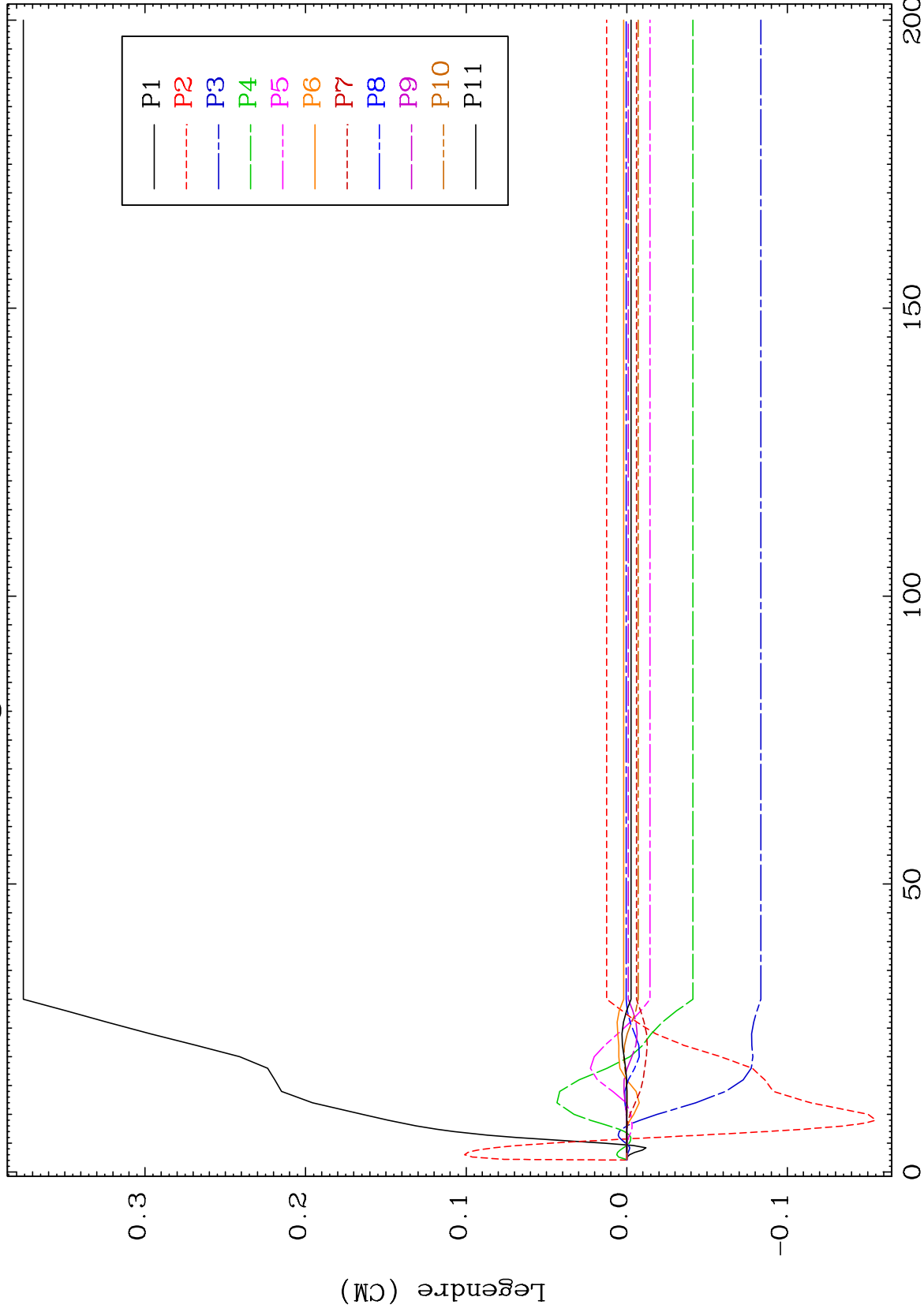
Incident Energy (MeV)

81

MAT 3946

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

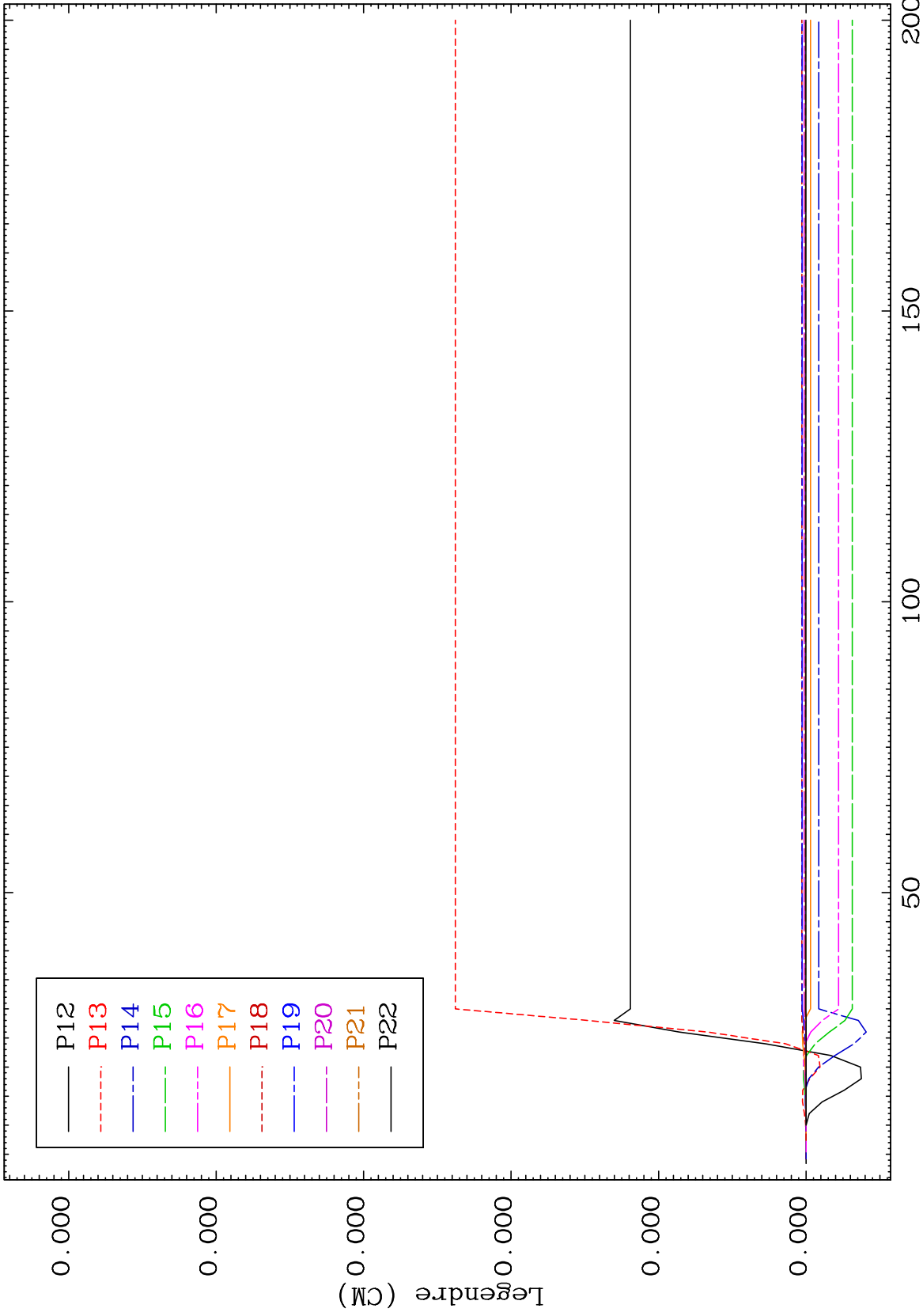
39-Y -96



82

Incident Energy (MeV)

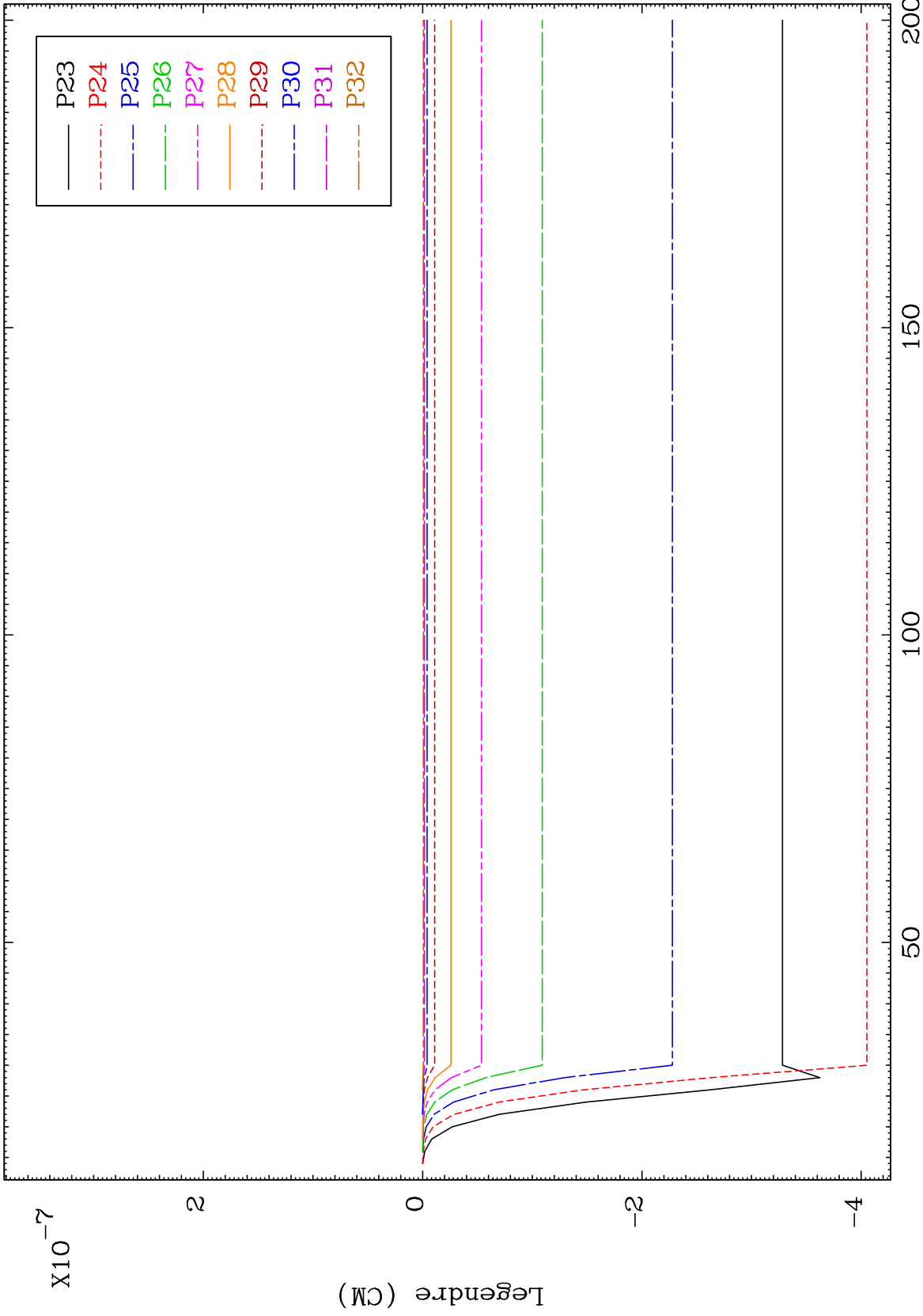
39-Y -96



MAT 3946

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

39-Y -96

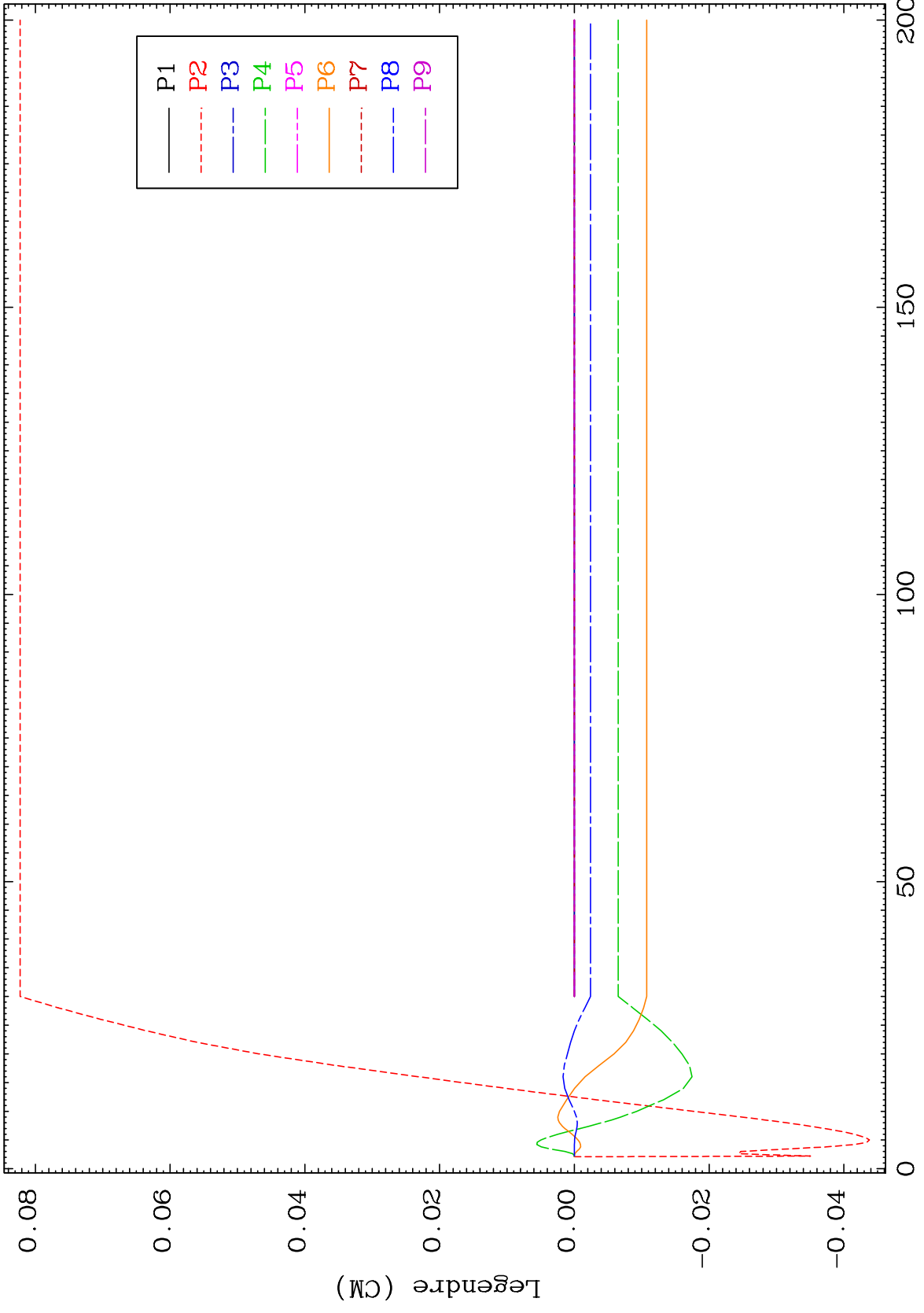


84

Incident Energy (MeV)

39-Y -96

MAT 3946 MT= 70 (n,n') Level Legendre Coefficients 39-Y -96

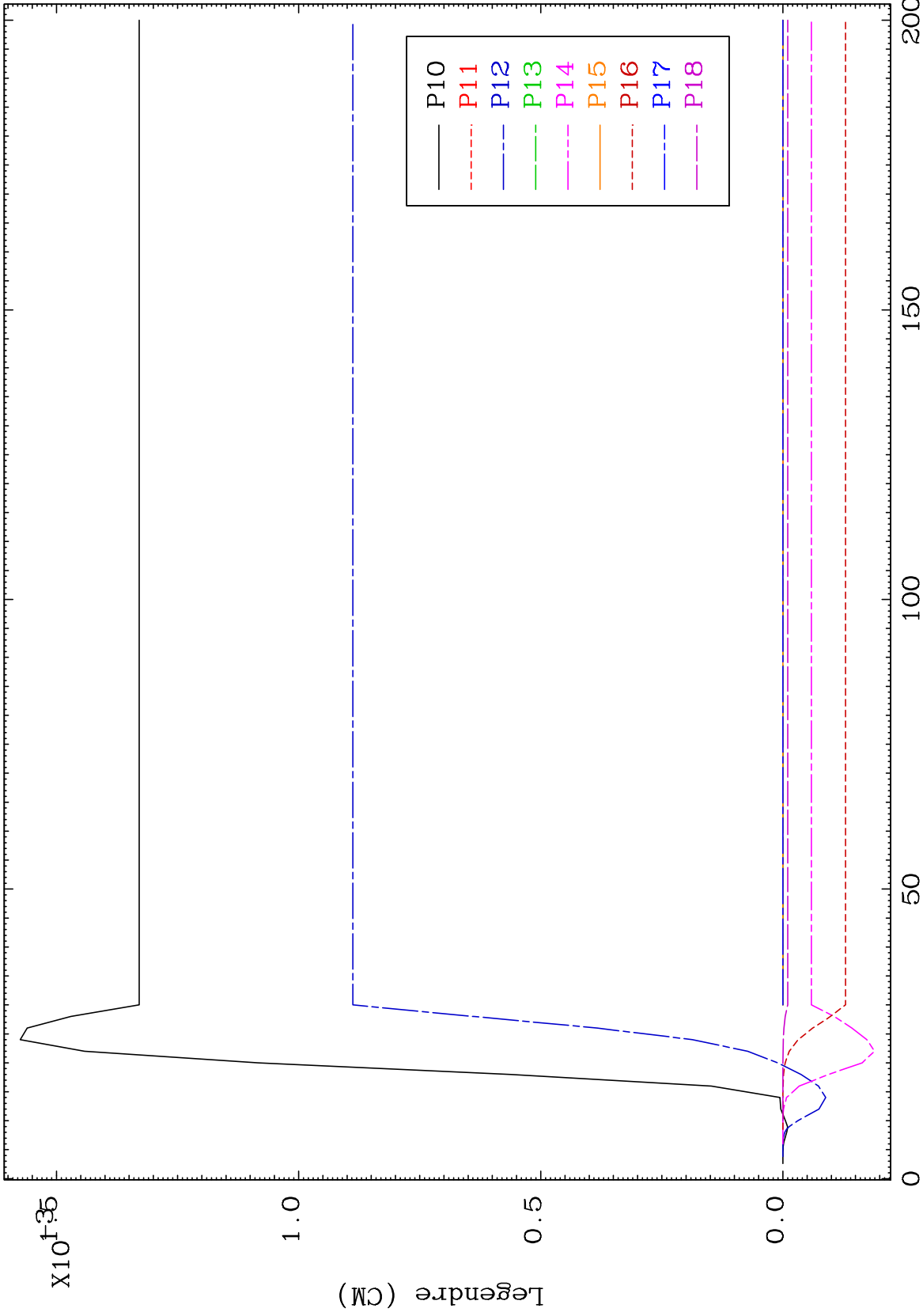


85 Incident Energy (MeV) 39-Y -96

MAT 3946

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

39-Y -96



86

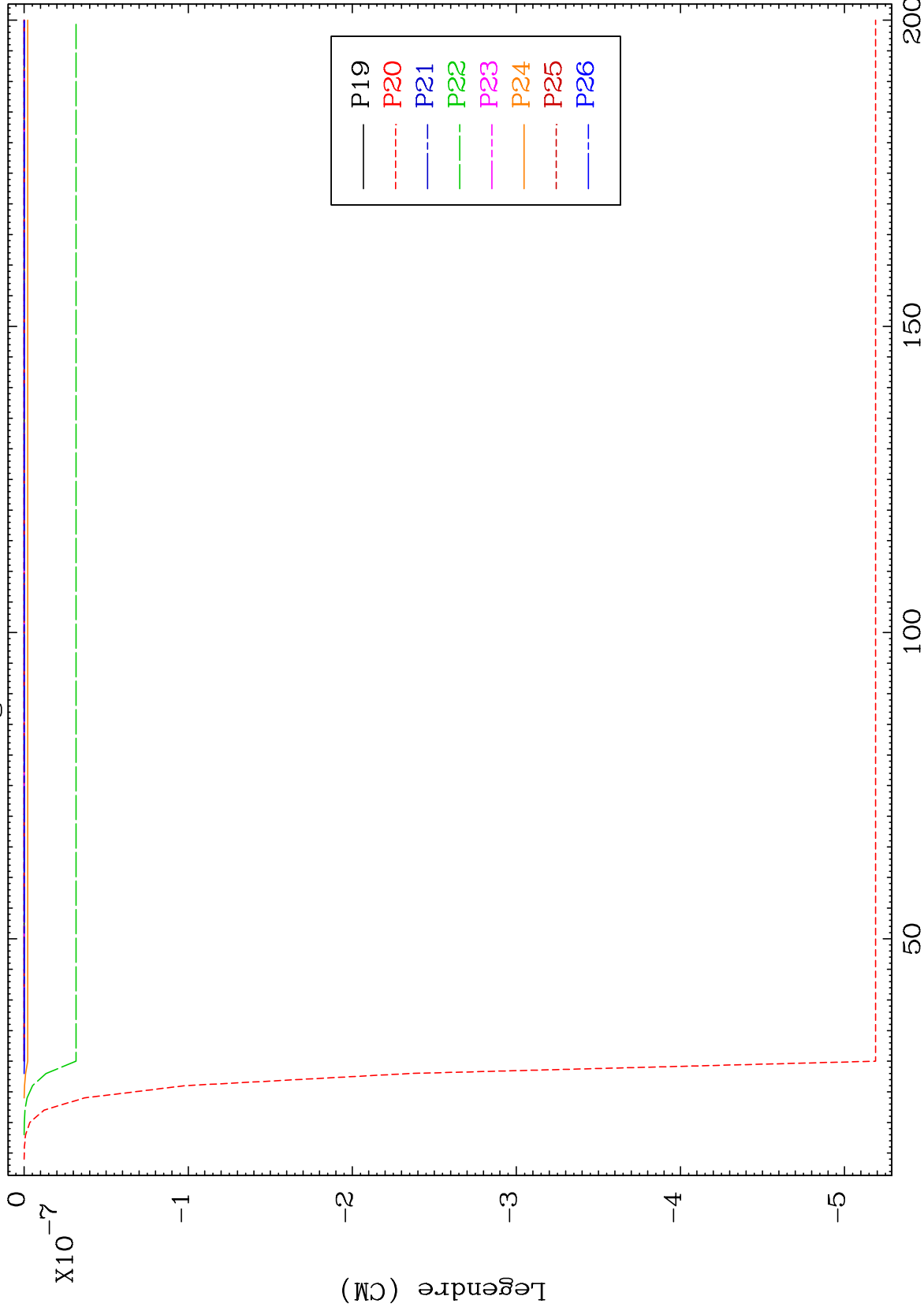
Incident Energy (MeV)

39-Y -96

MAT 3946 MT= 70 (n,n') Level

Legendre Coefficients

39-Y -96

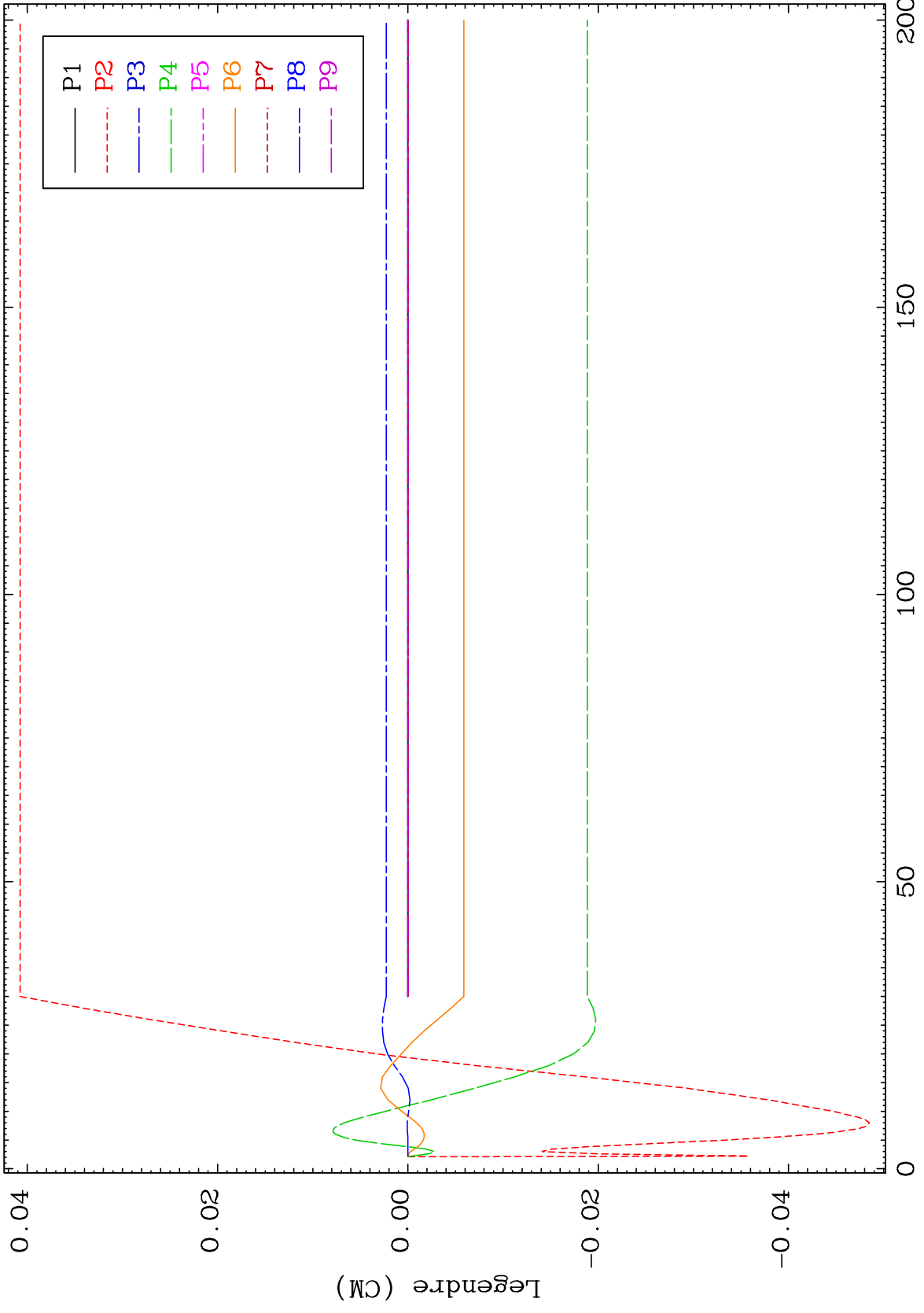


39-Y -96

Incident Energy (MeV)

87

MAT 3946 MT= 71 (n,n') Level Legendre Coefficients 39-Y -96

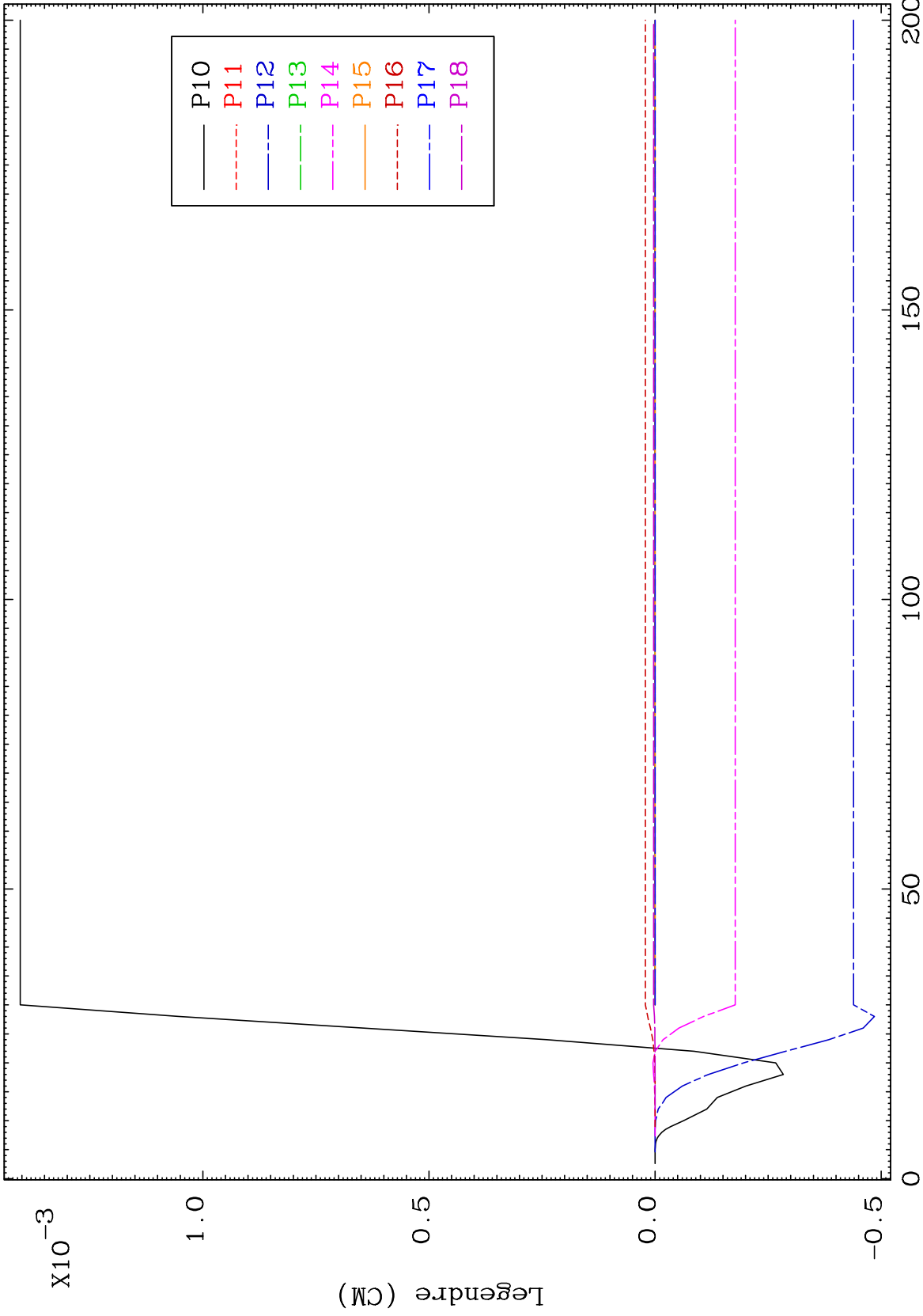


88 Incident Energy (MeV) 39-Y -96

MAT 3946

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

39-Y -96



89

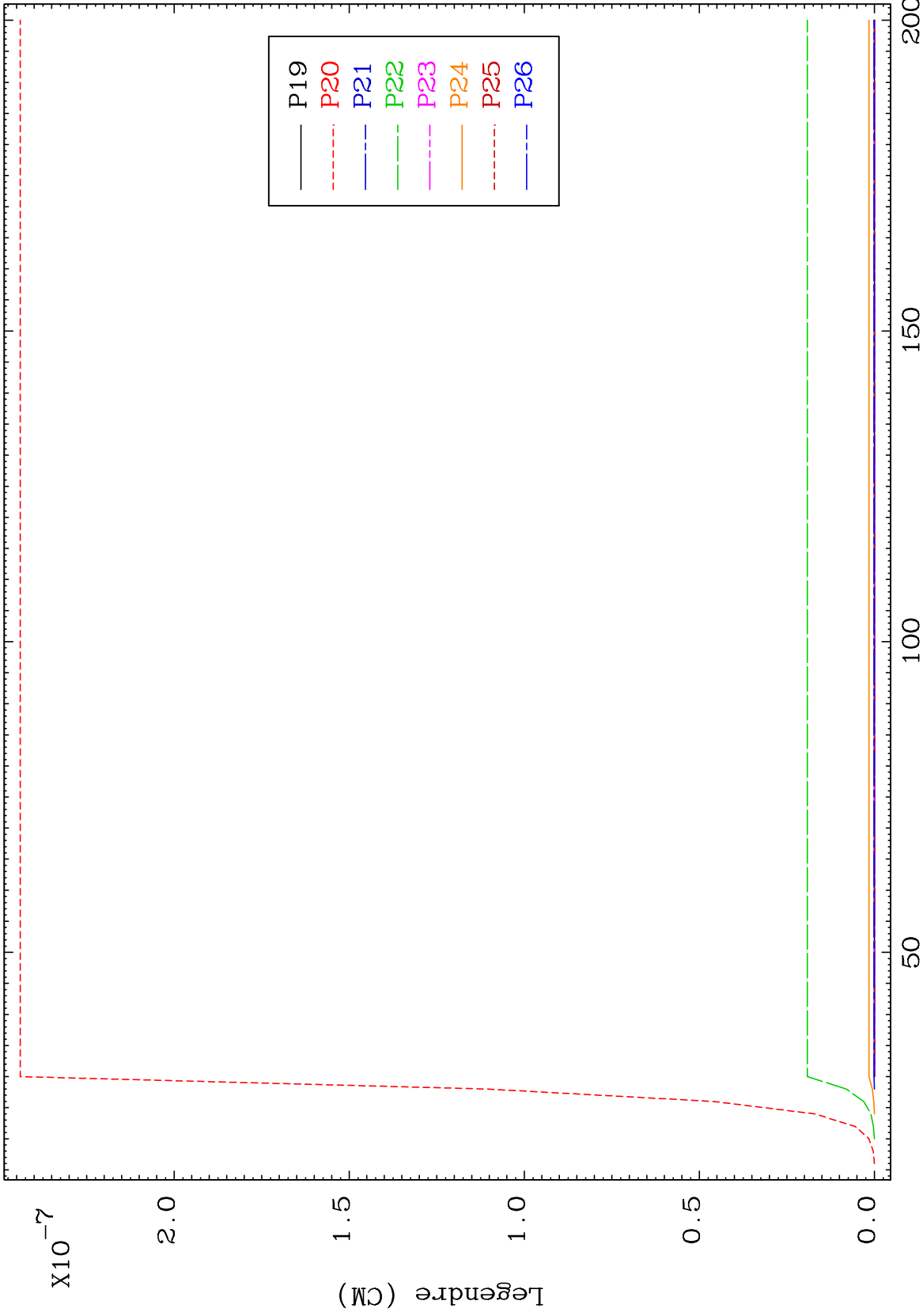
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



90

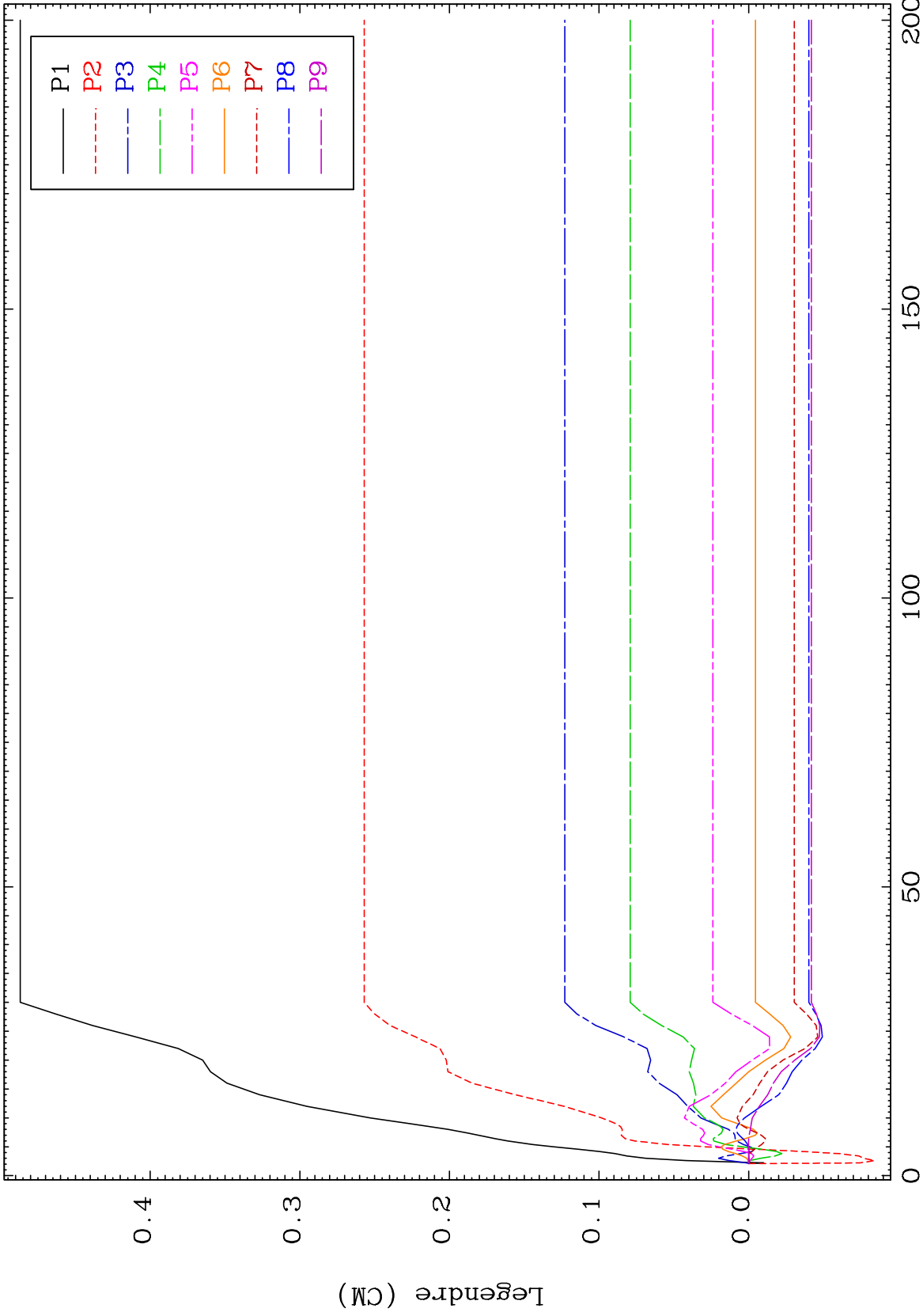
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



91

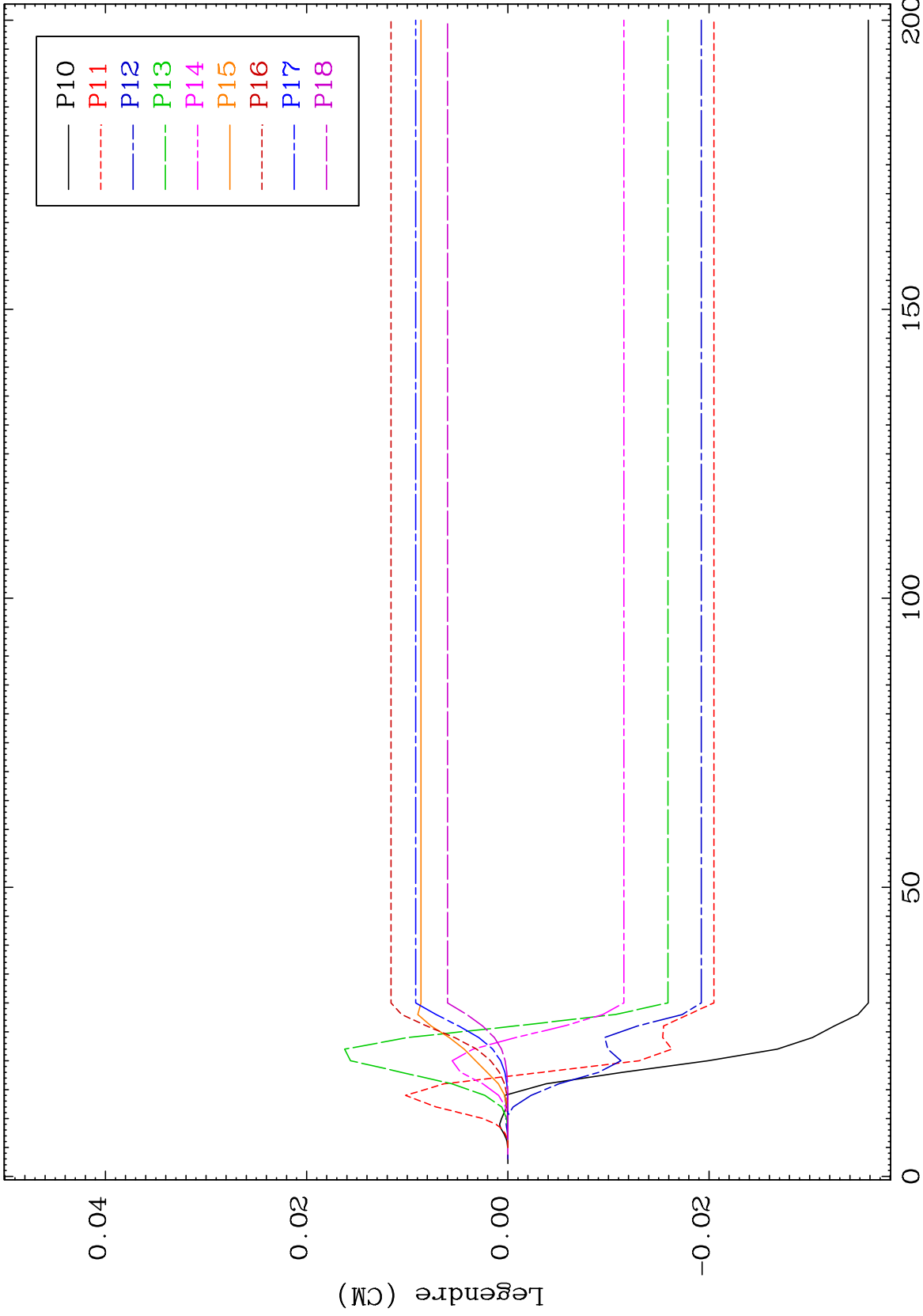
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



92

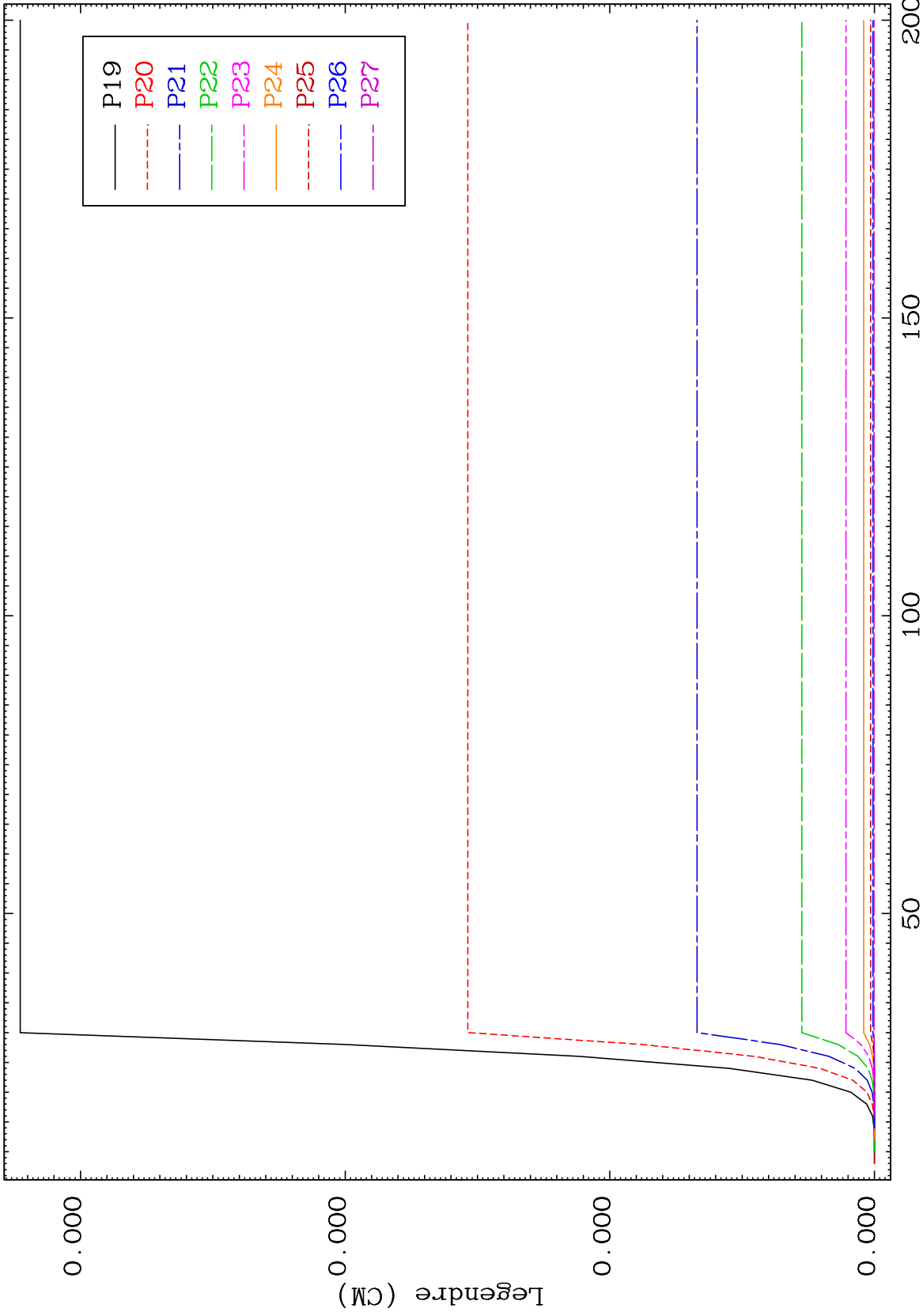
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



93

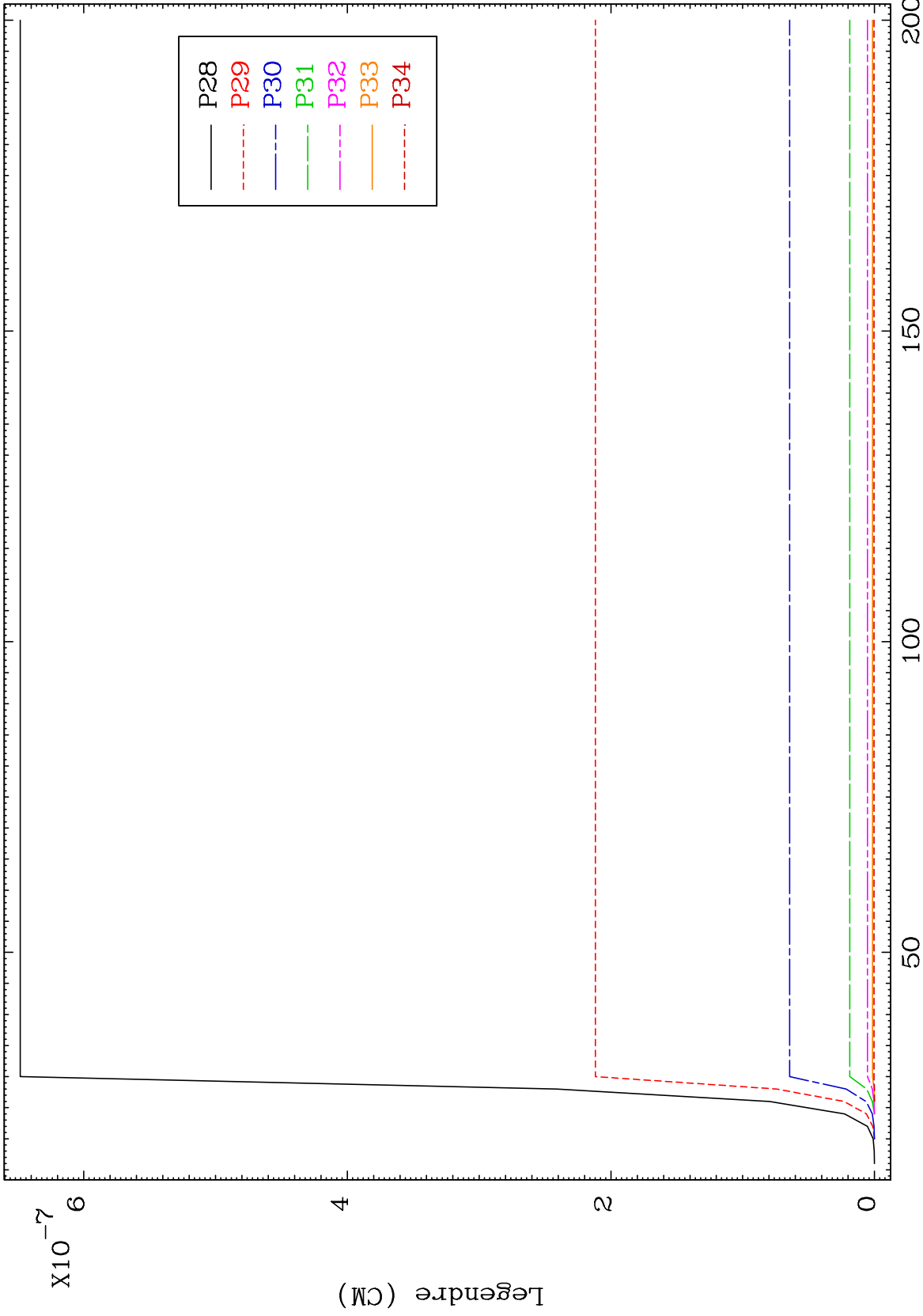
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



94

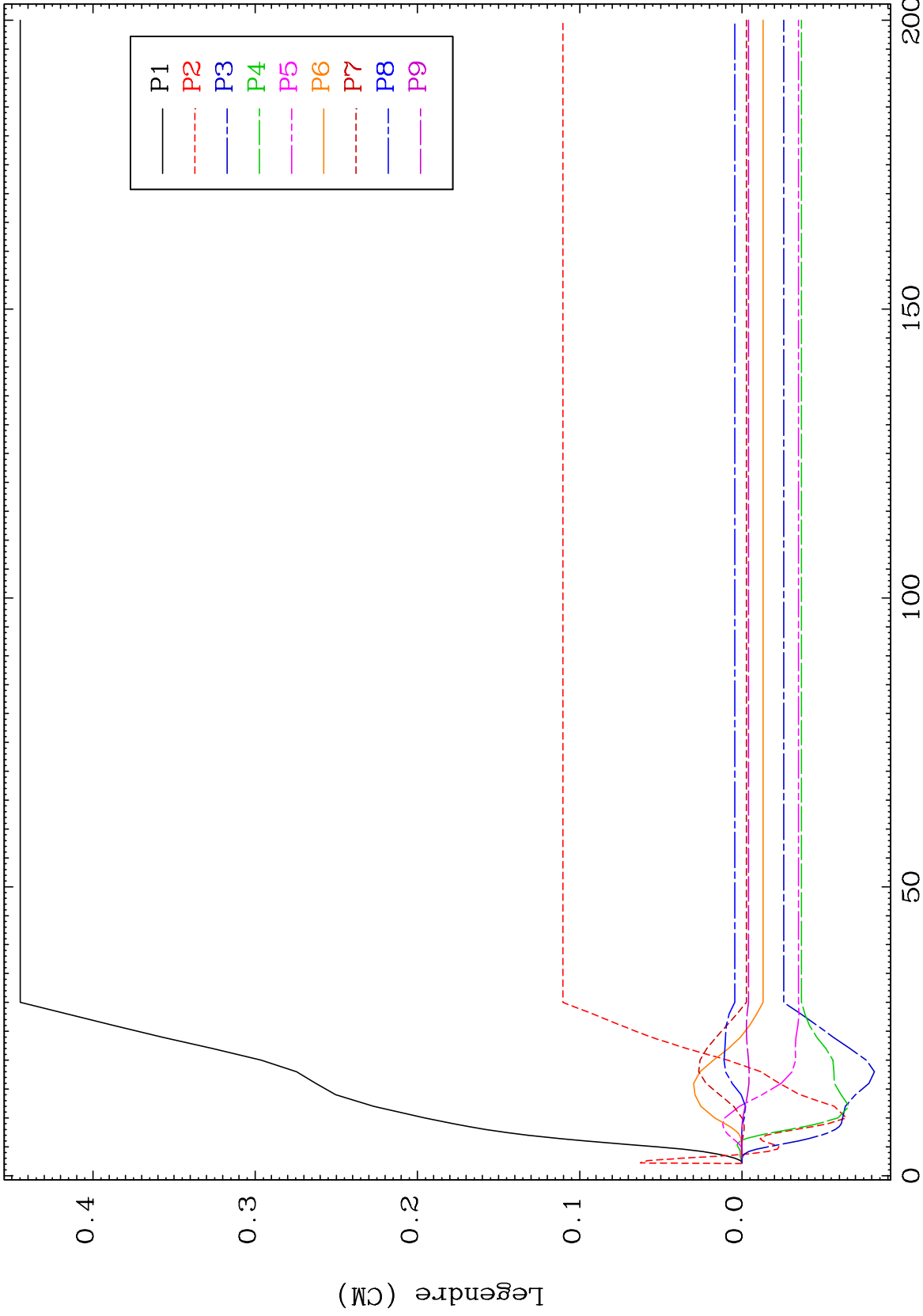
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



95

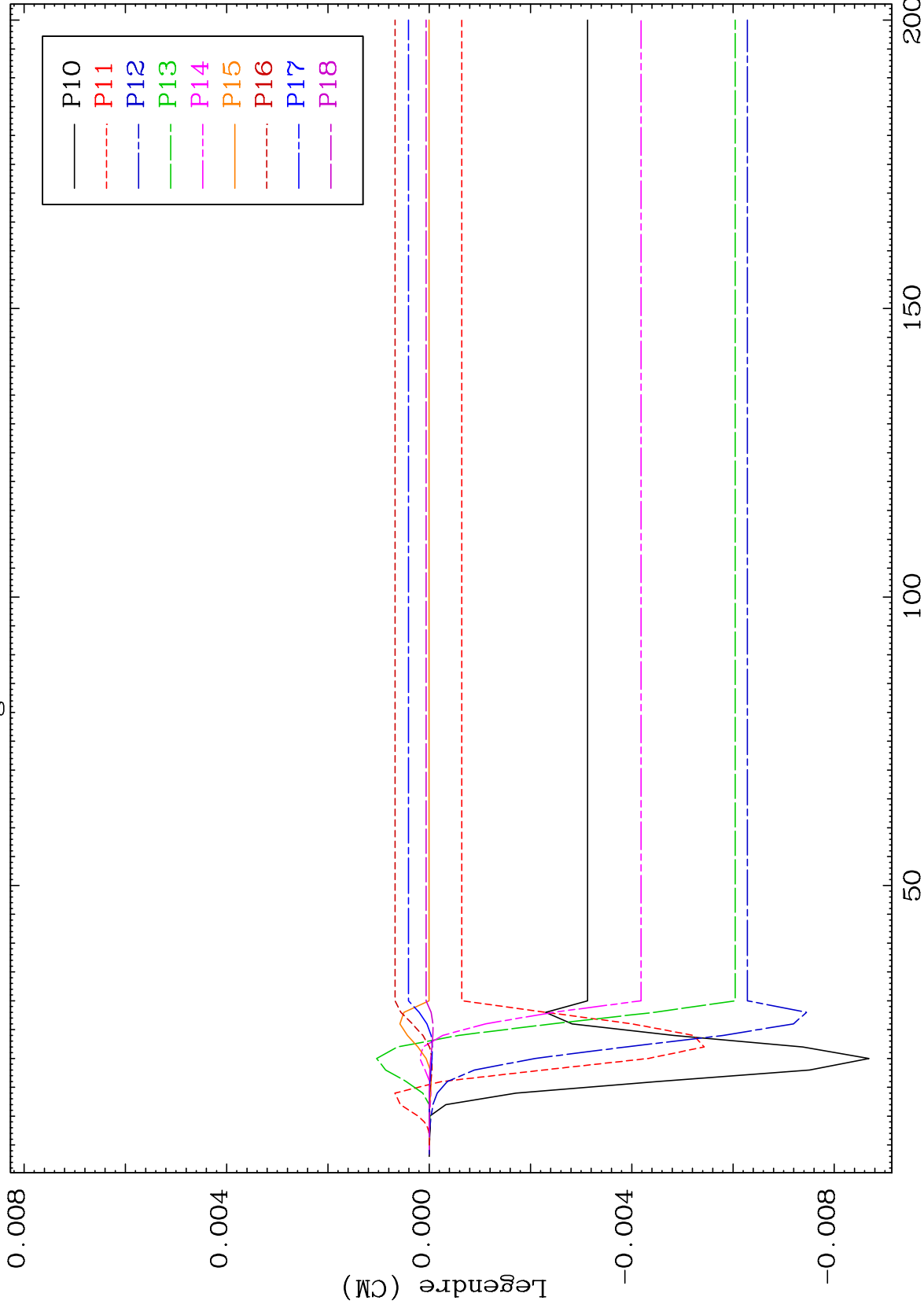
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



96

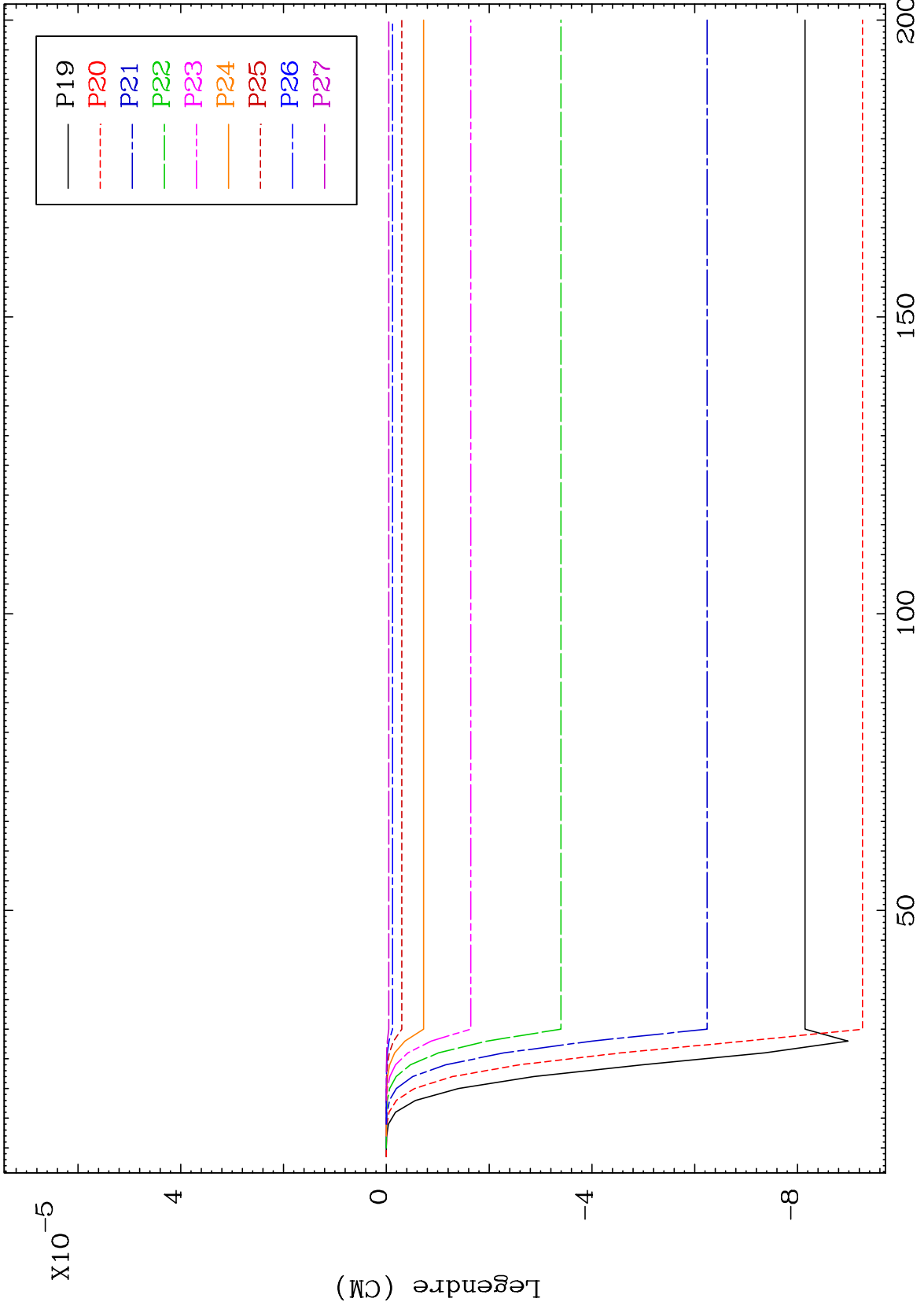
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



97

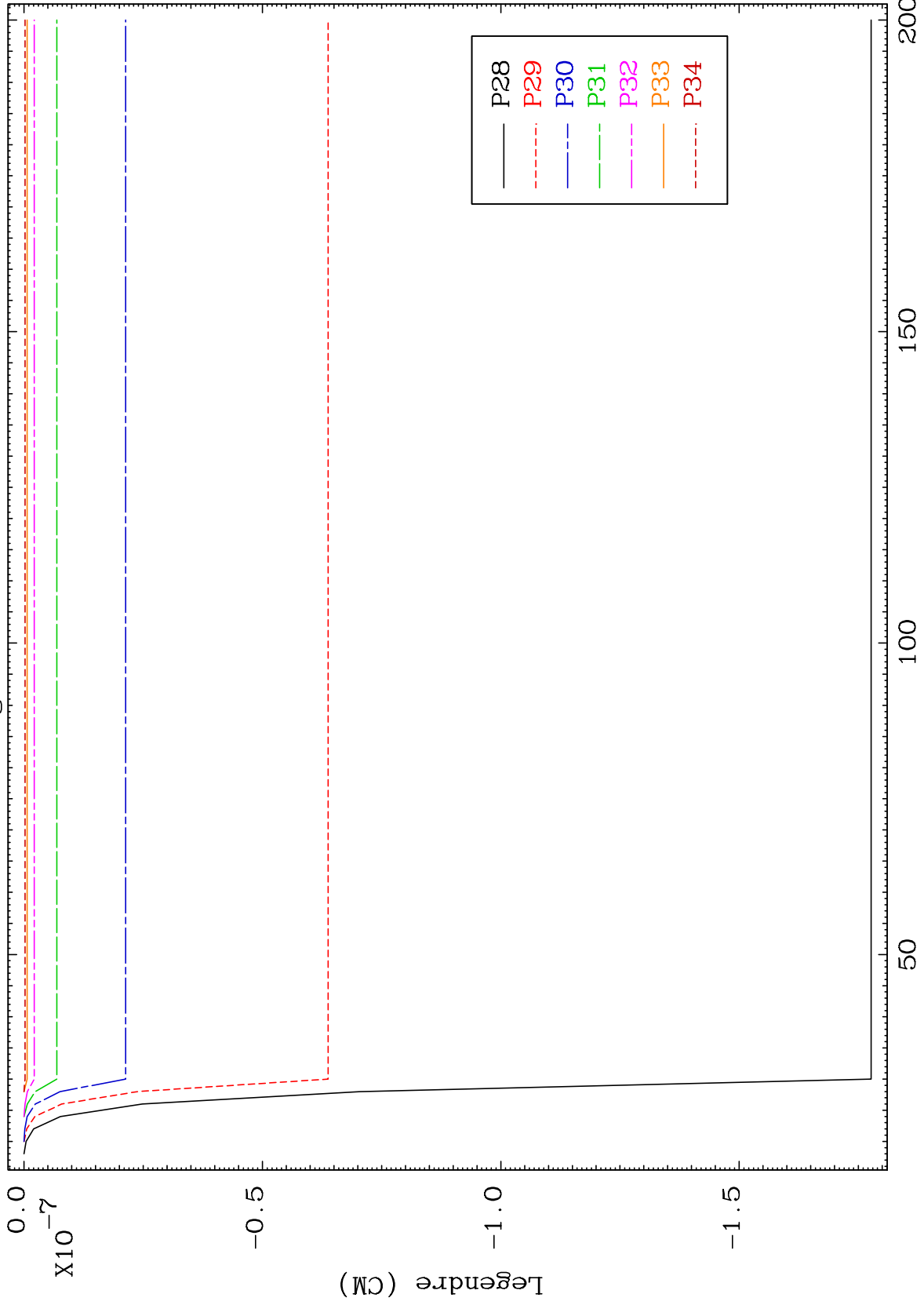
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



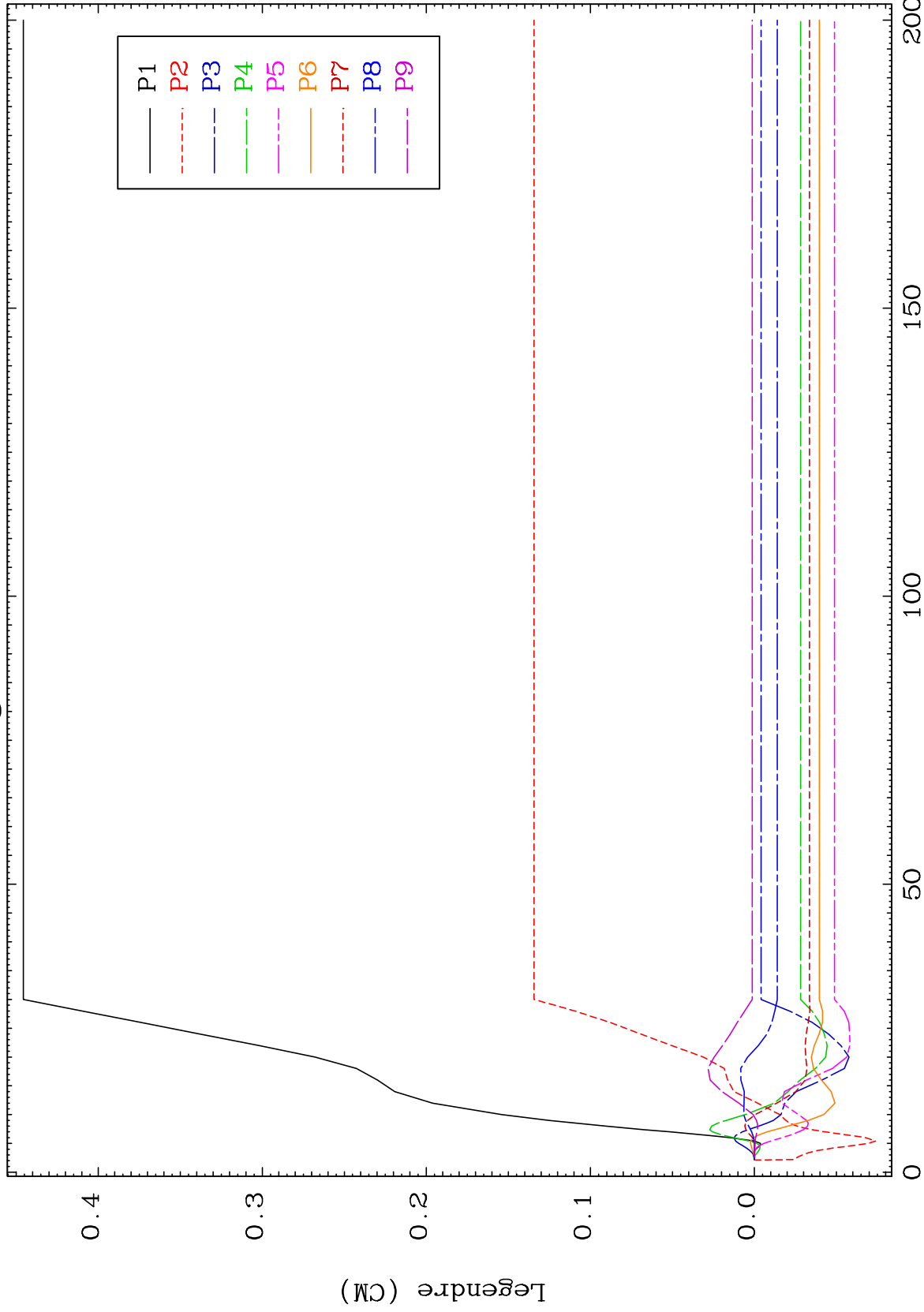
98

39-Y -96

MAT 3946

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

39-Y -96



99

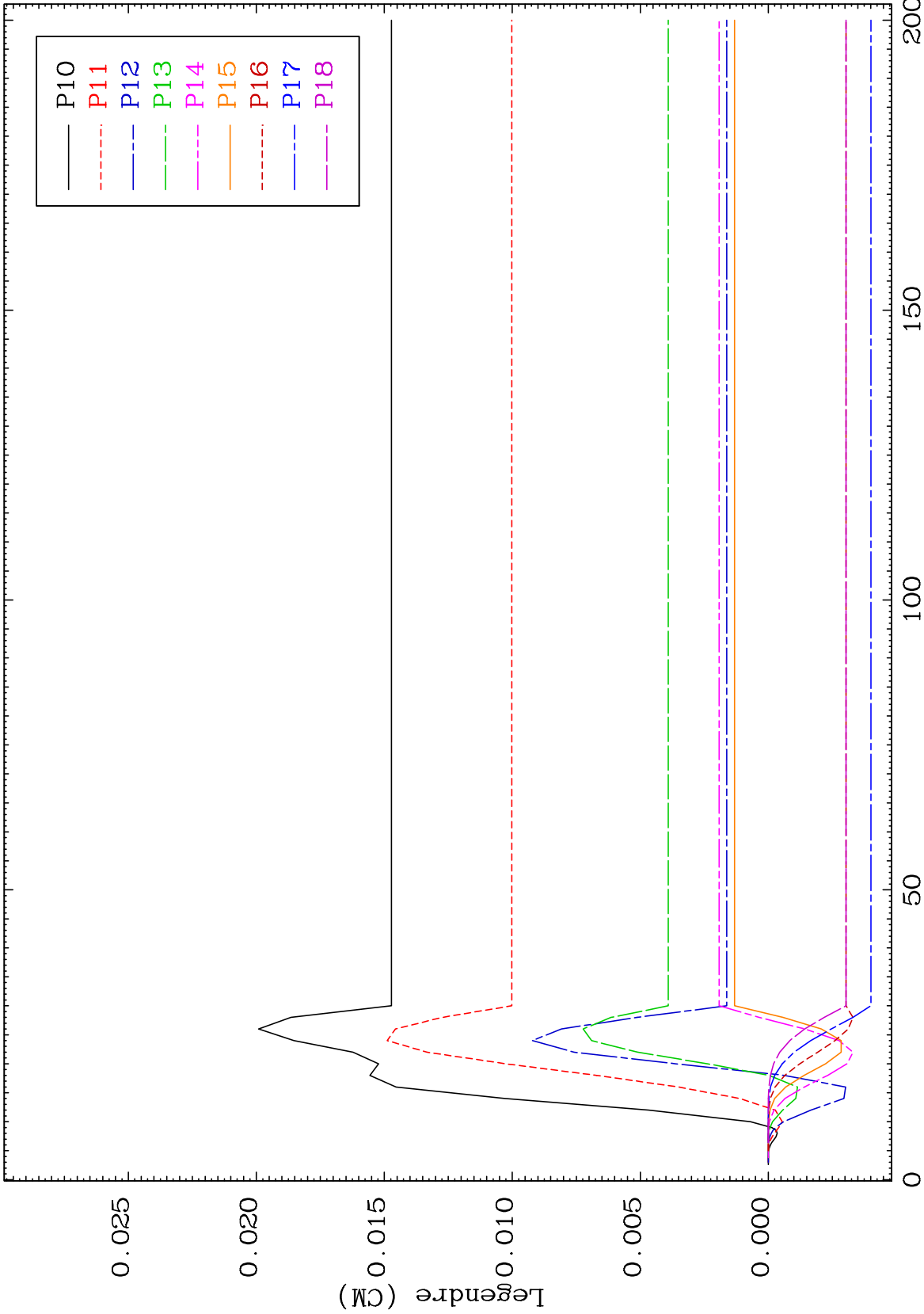
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



39-Y -96

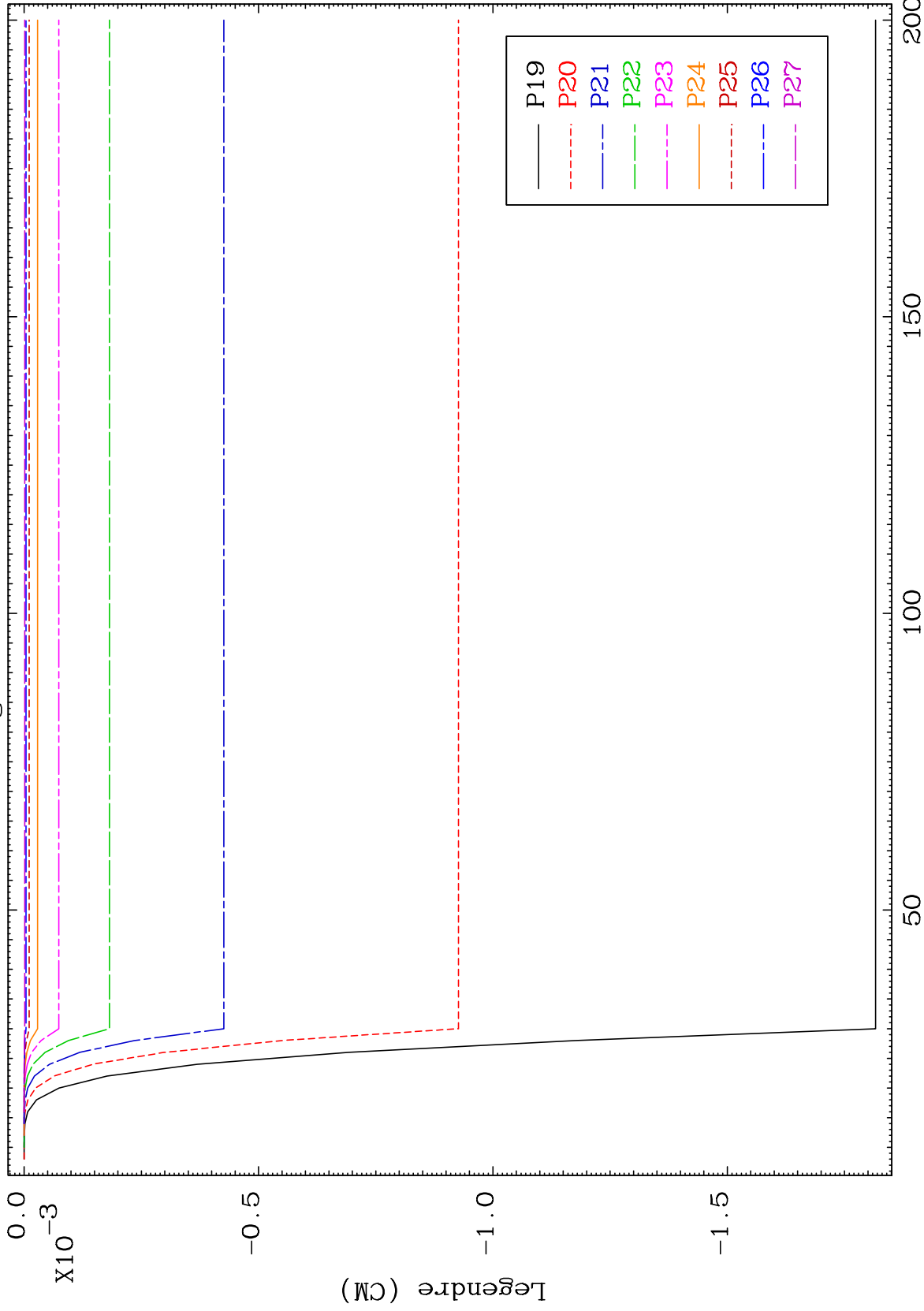
Incident Energy (MeV)

100

MAT 3946

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

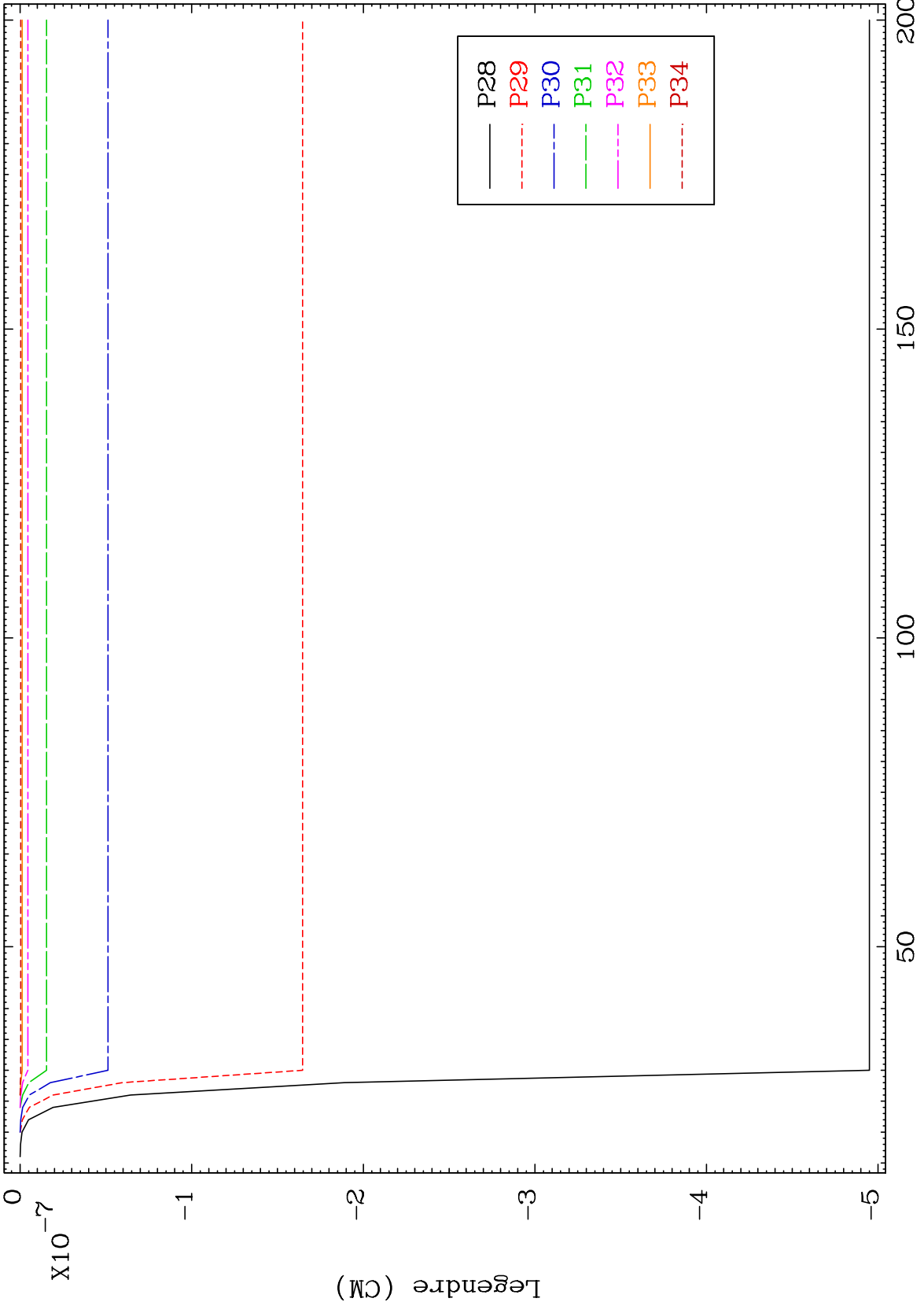
39-Y -96



101

39-Y -96

MAT 3946 MT= 74 (n,n') Level Legendre Coefficients 39-Y -96

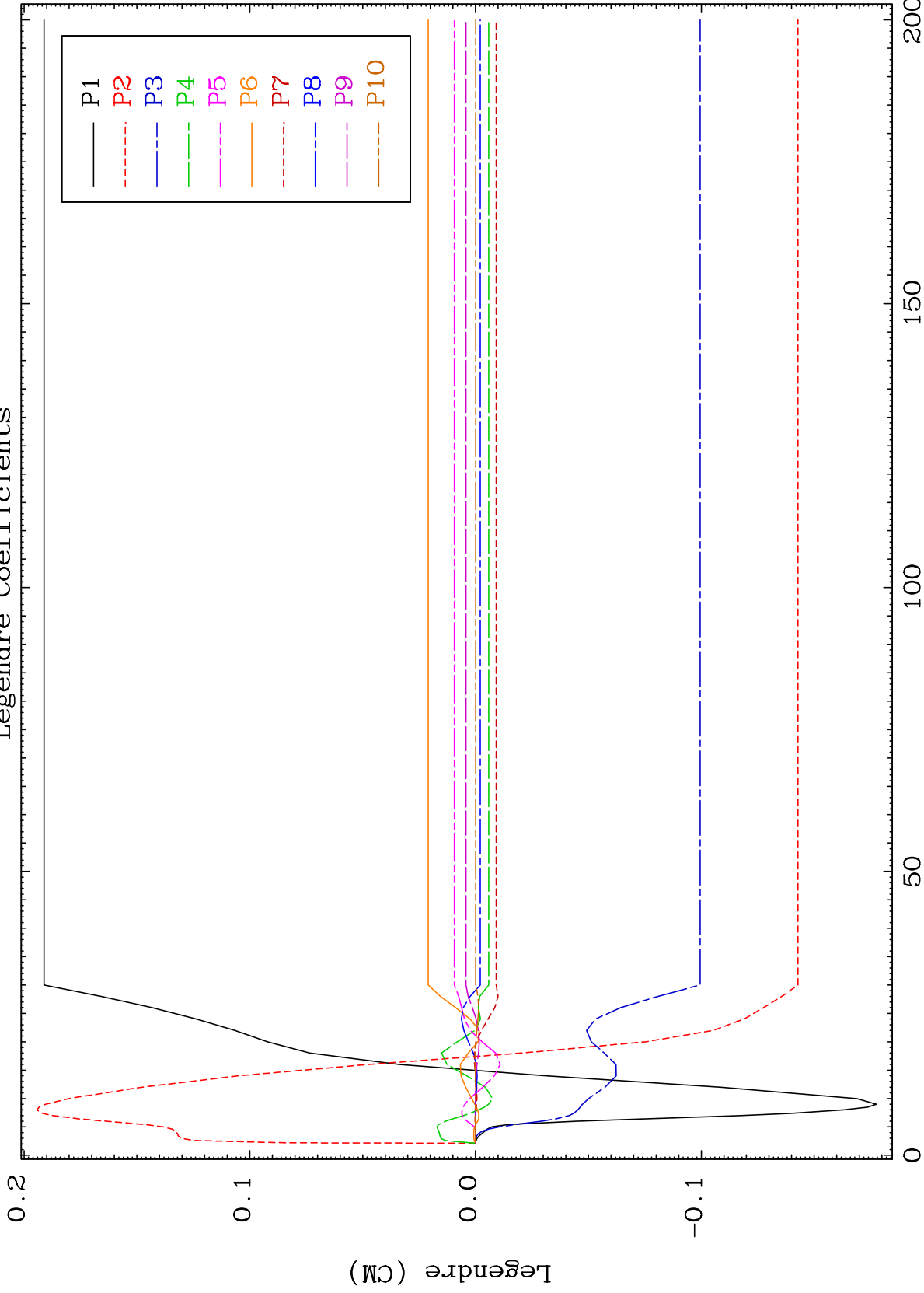


102 39-Y -96

MAT 3946

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

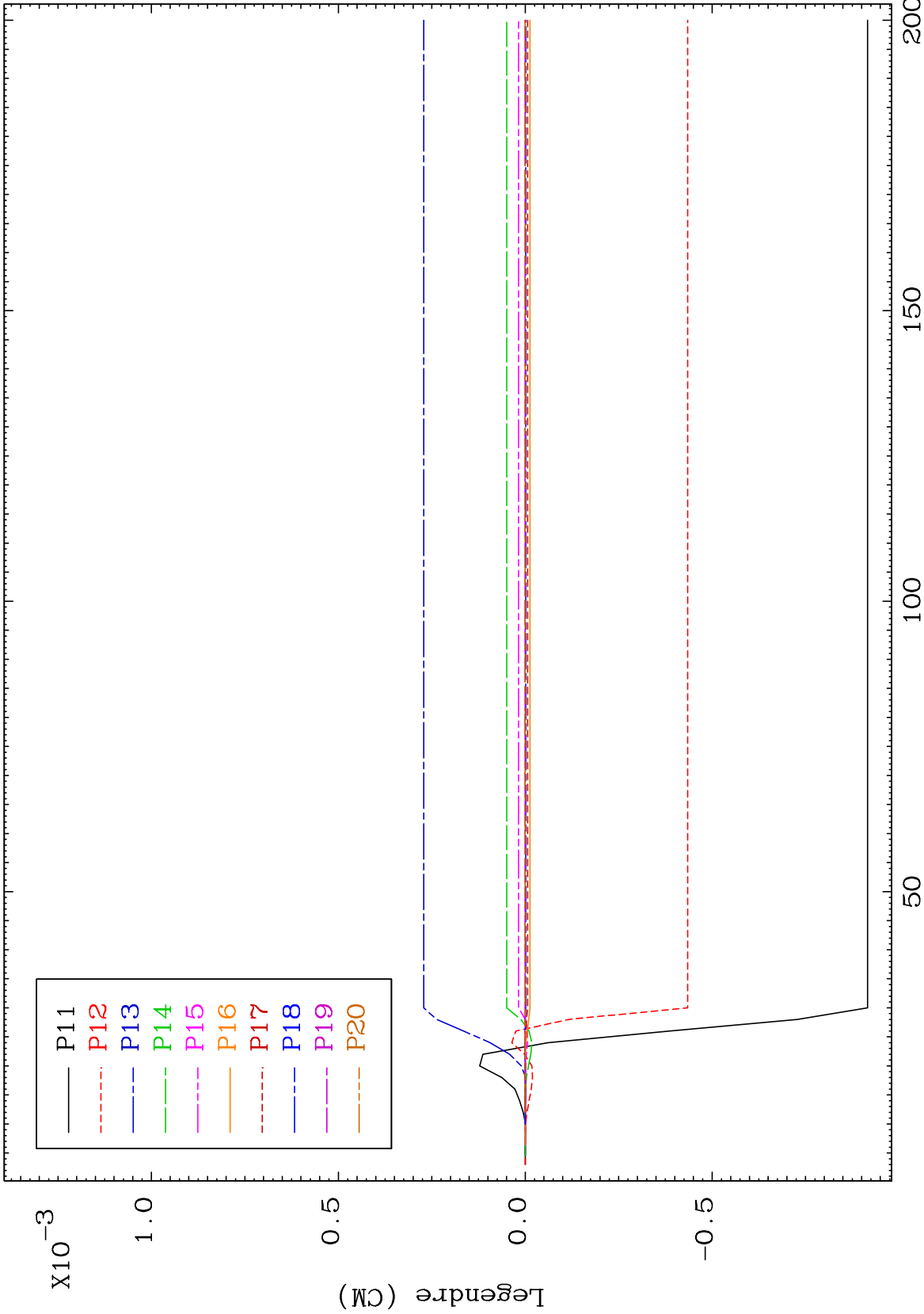
39-Y -96



39-Y -96

Incident Energy (MeV)

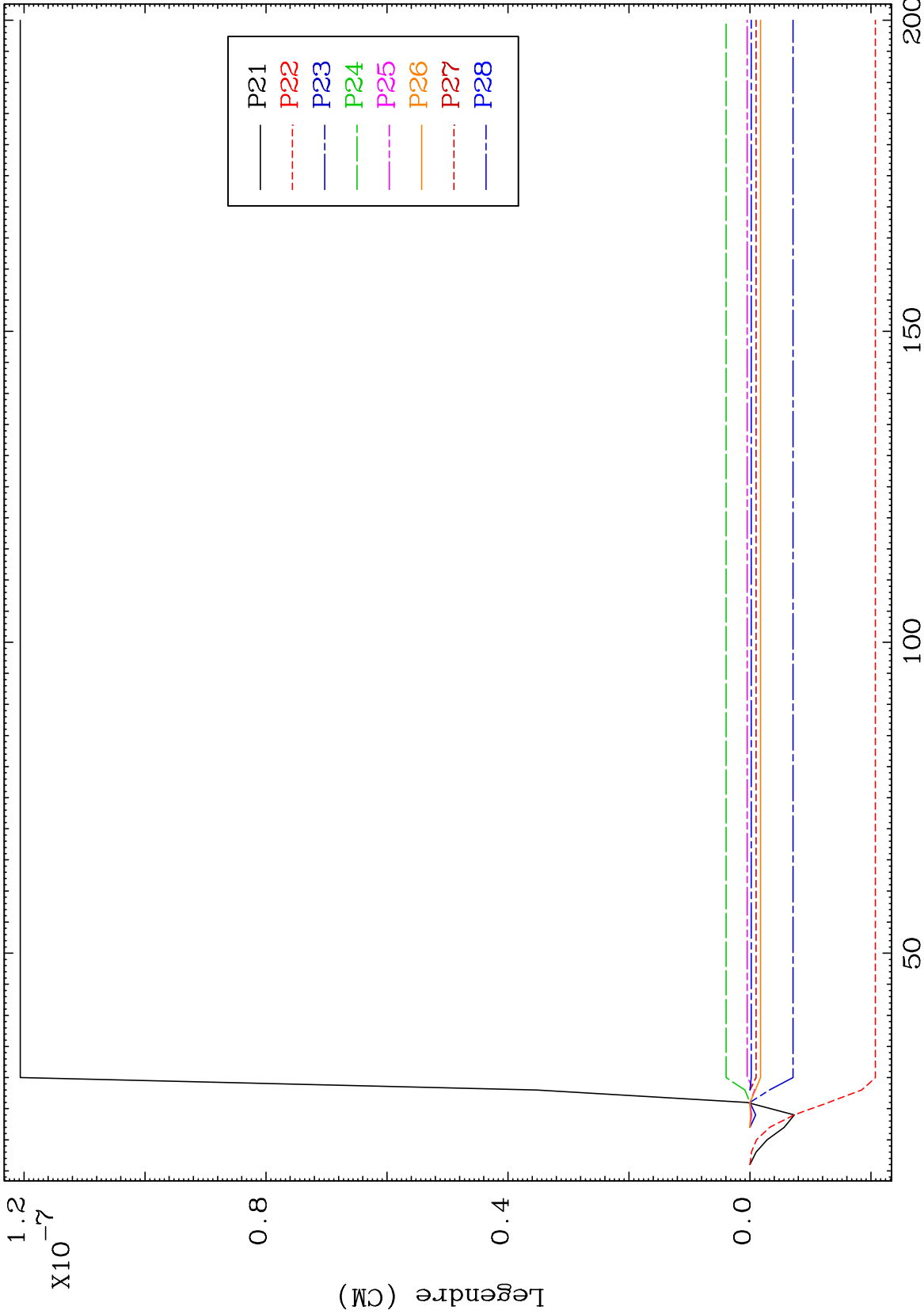
103



MAT 3946

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

39-Y -96



105

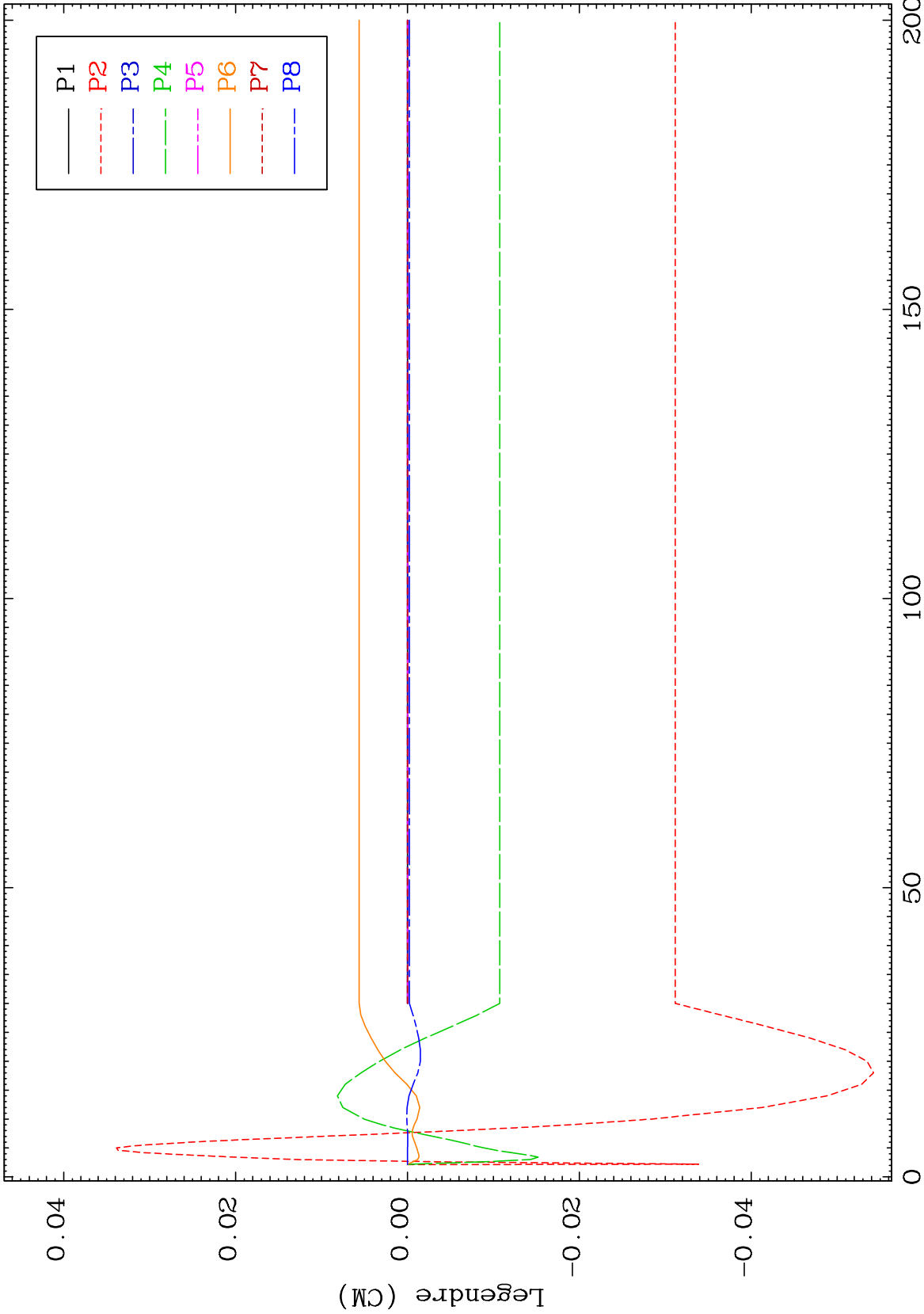
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



106

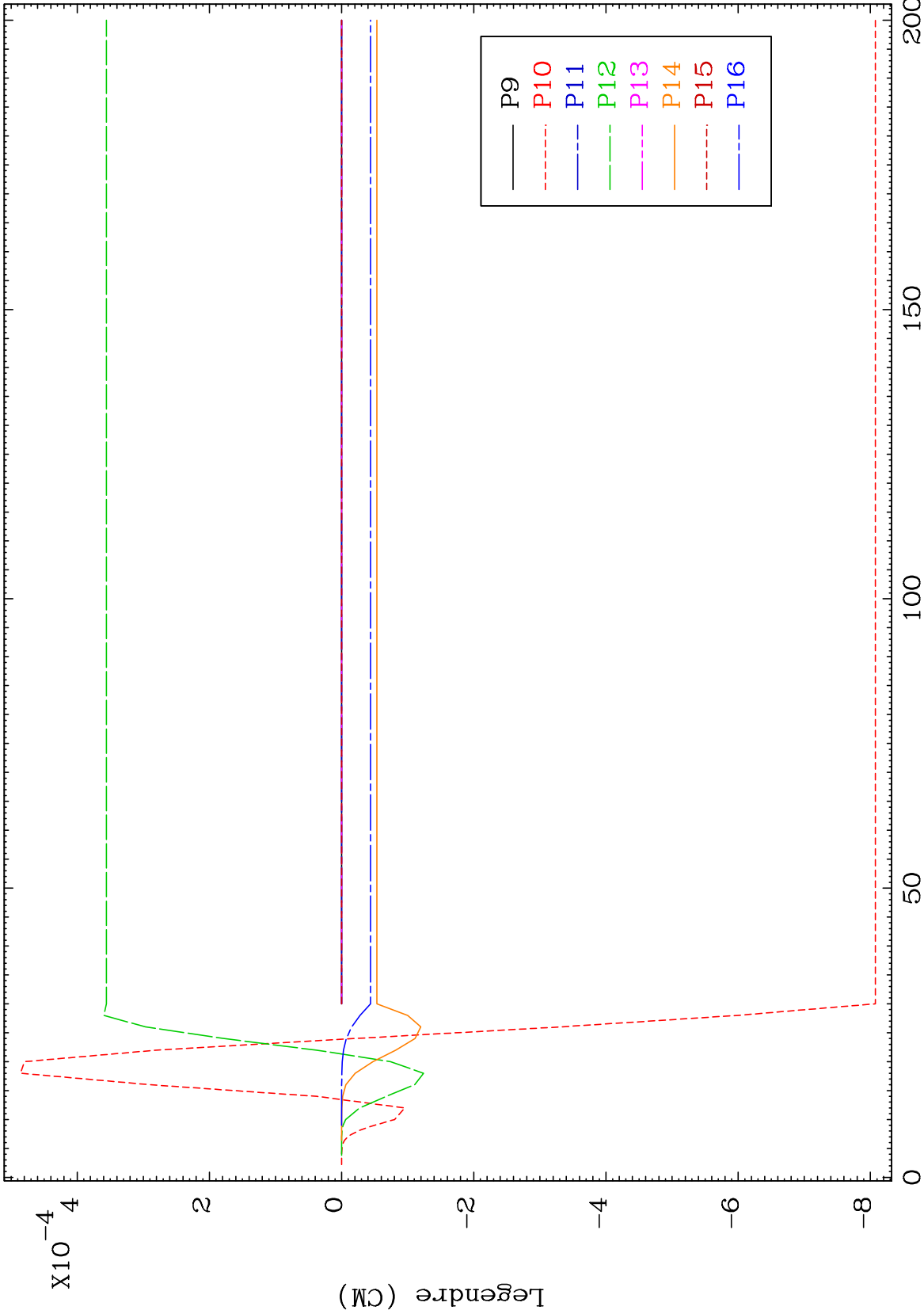
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



107

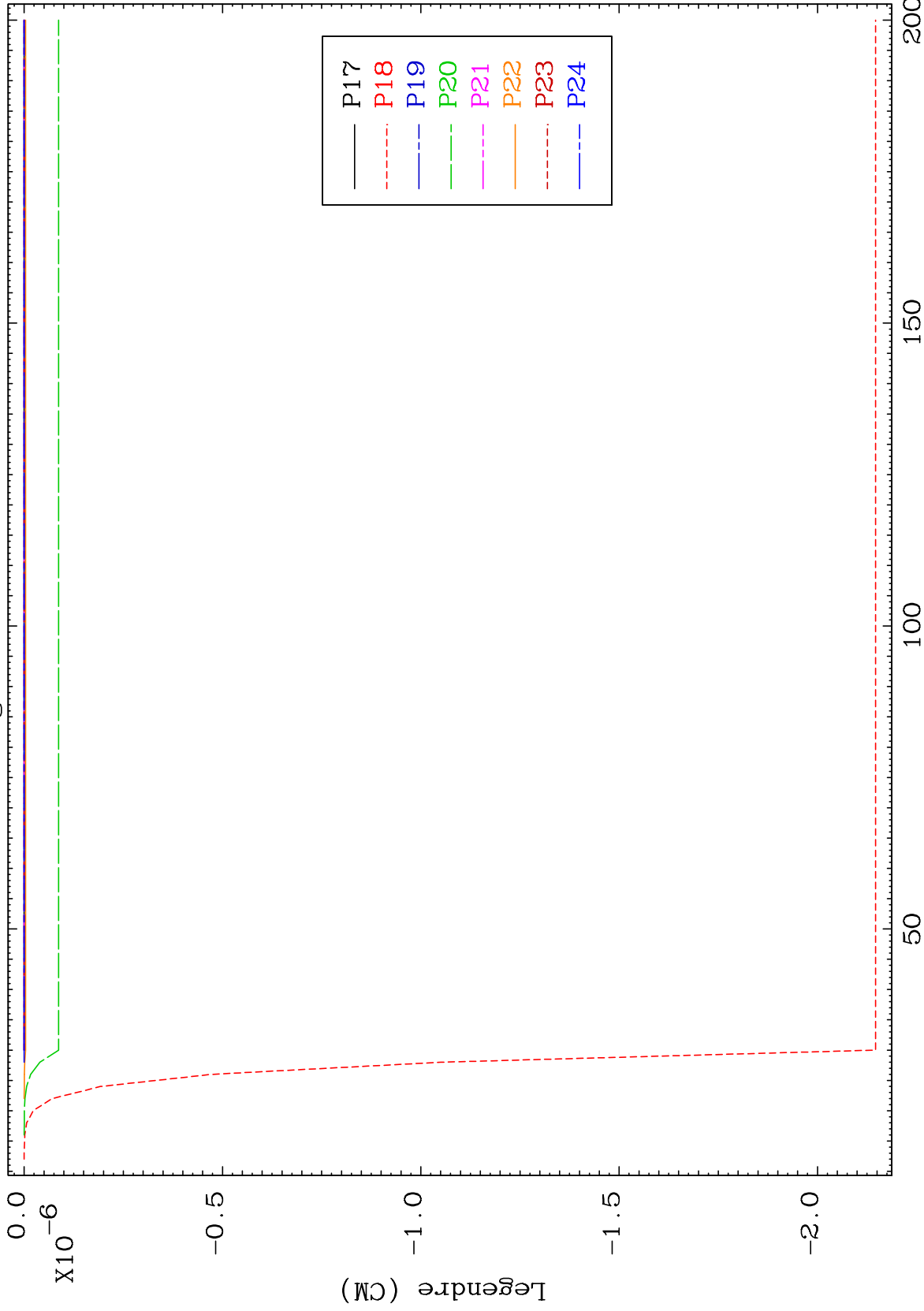
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



108

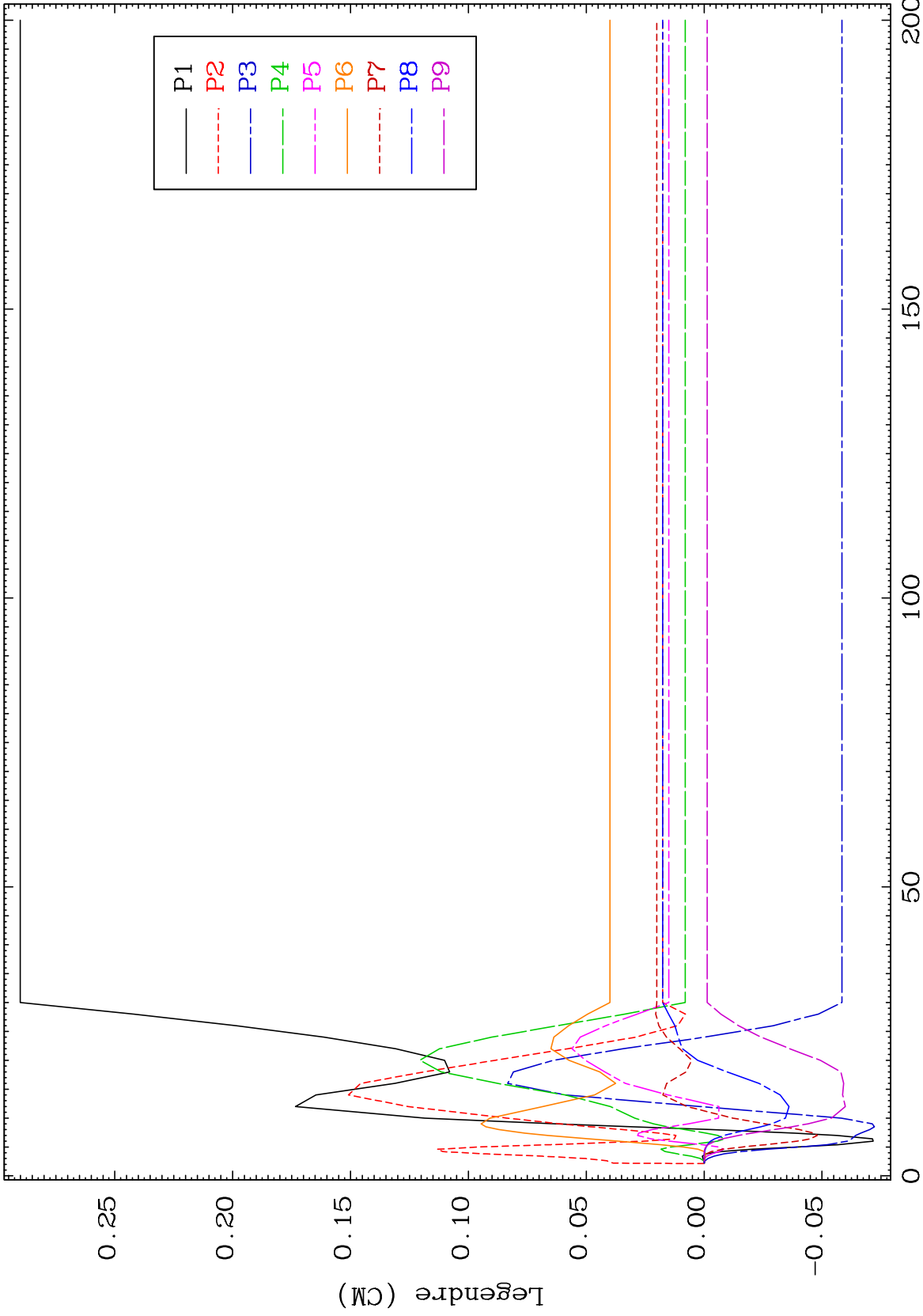
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



109

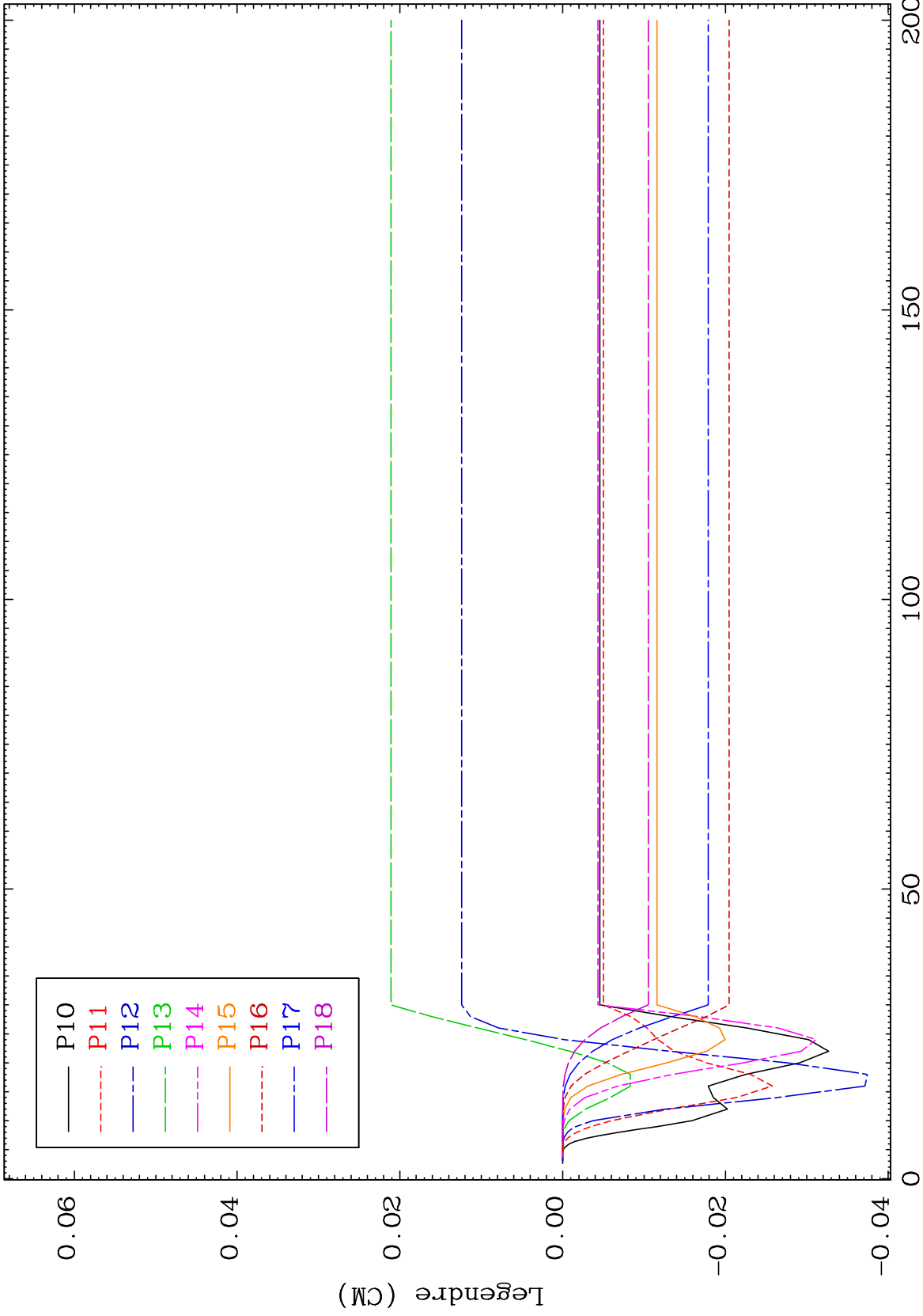
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96

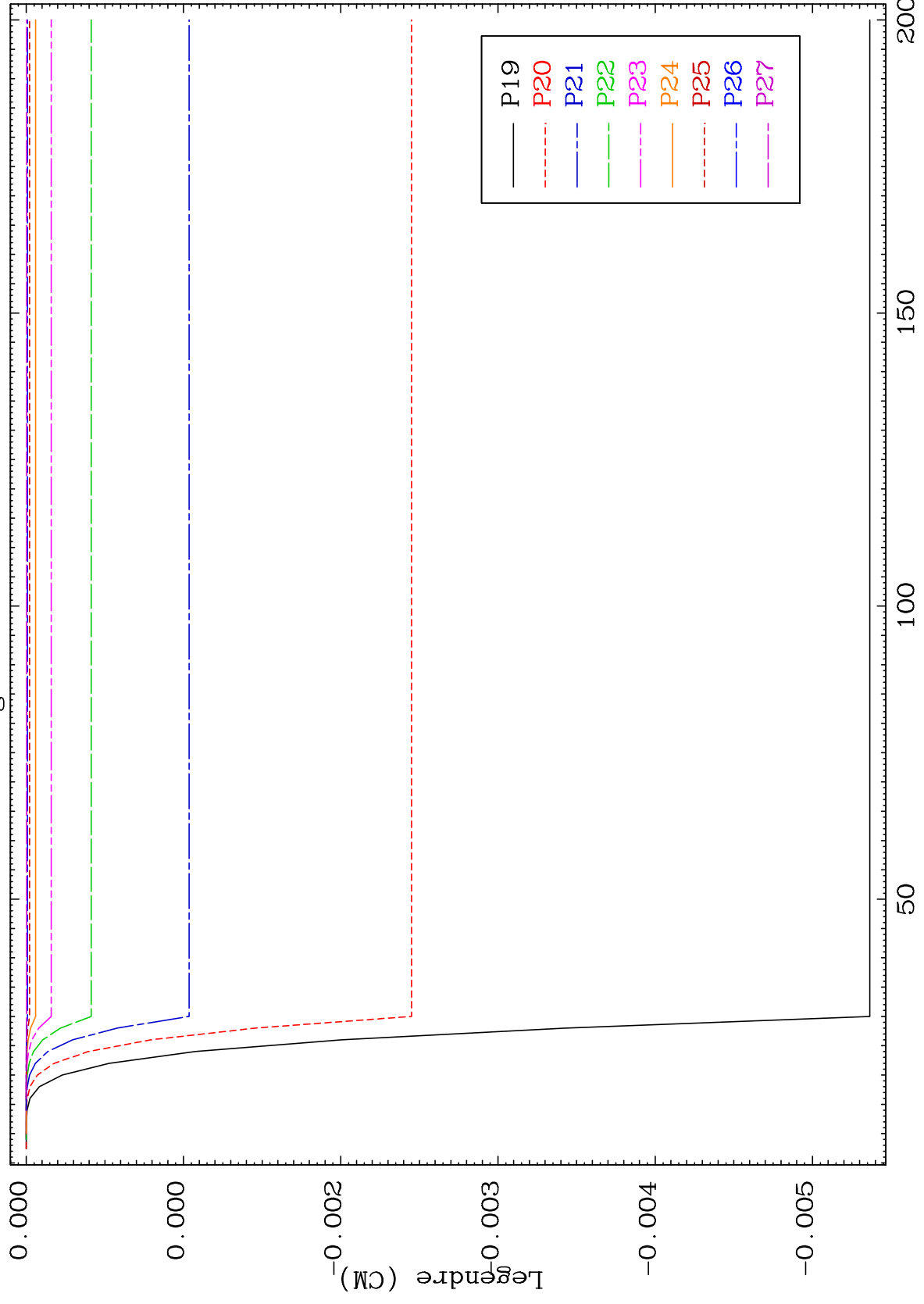


110

Incident Energy (MeV)

39-Y -96

MAT 3946 MT= 77 (n,n') Level Legendre Coefficients 39-Y -96

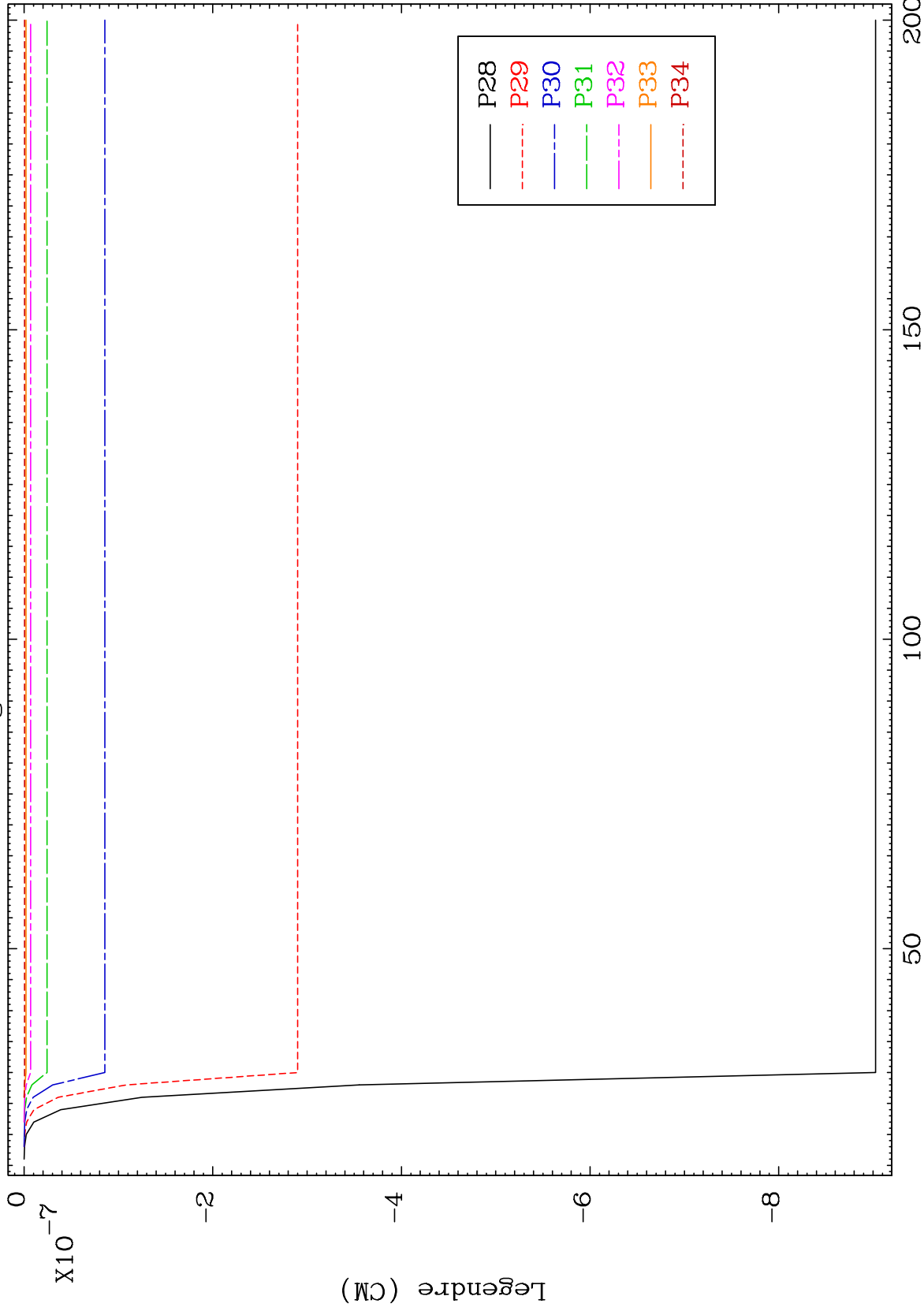


111 39-Y -96

MAT 3946

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

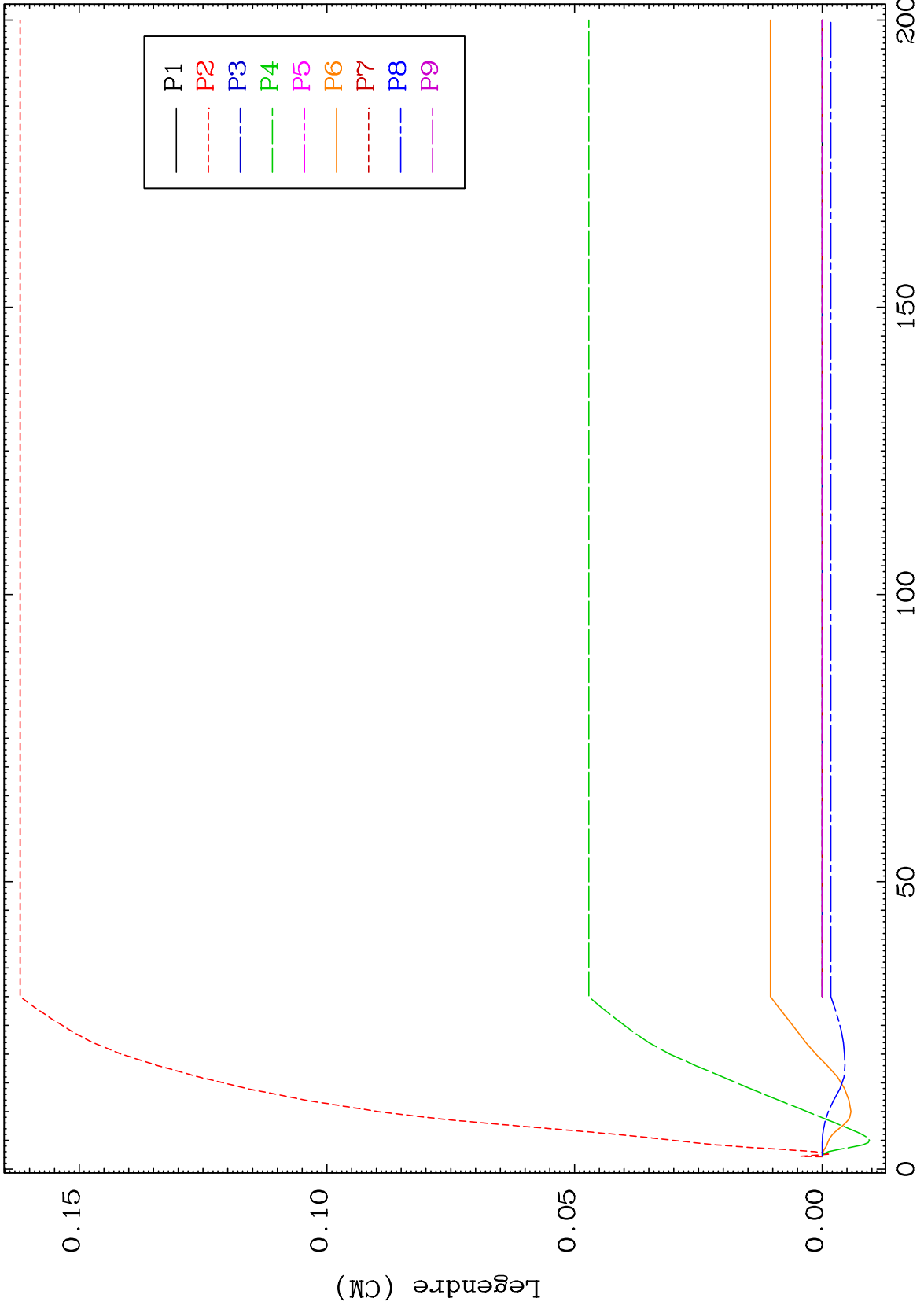
39-Y -96



112

39-Y -96

MAT 3946 MT= 78 (n,n') Level Legendre Coefficients 39-Y -96

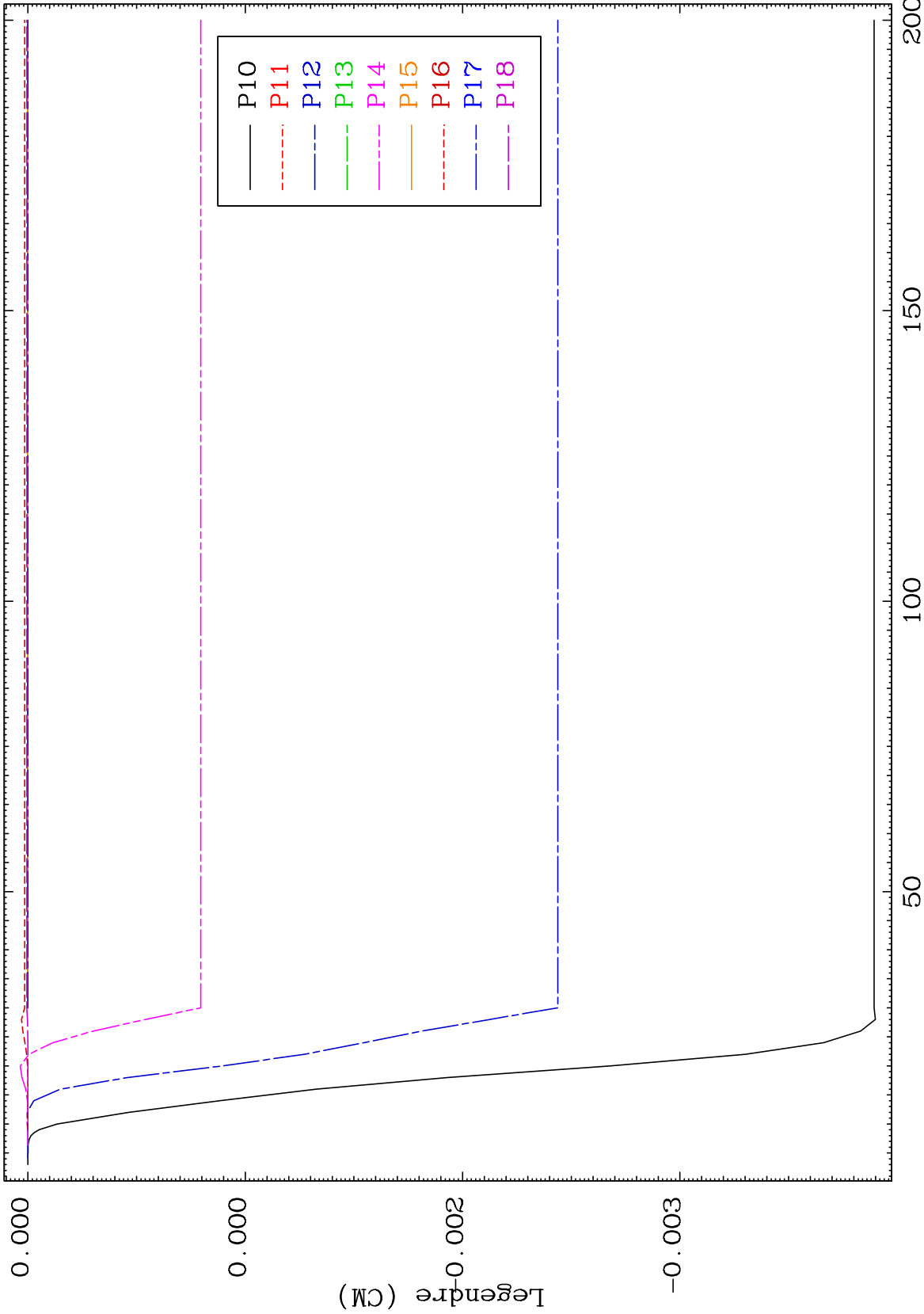


113 39-Y -96

MAT 3946

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

39-Y -96



114

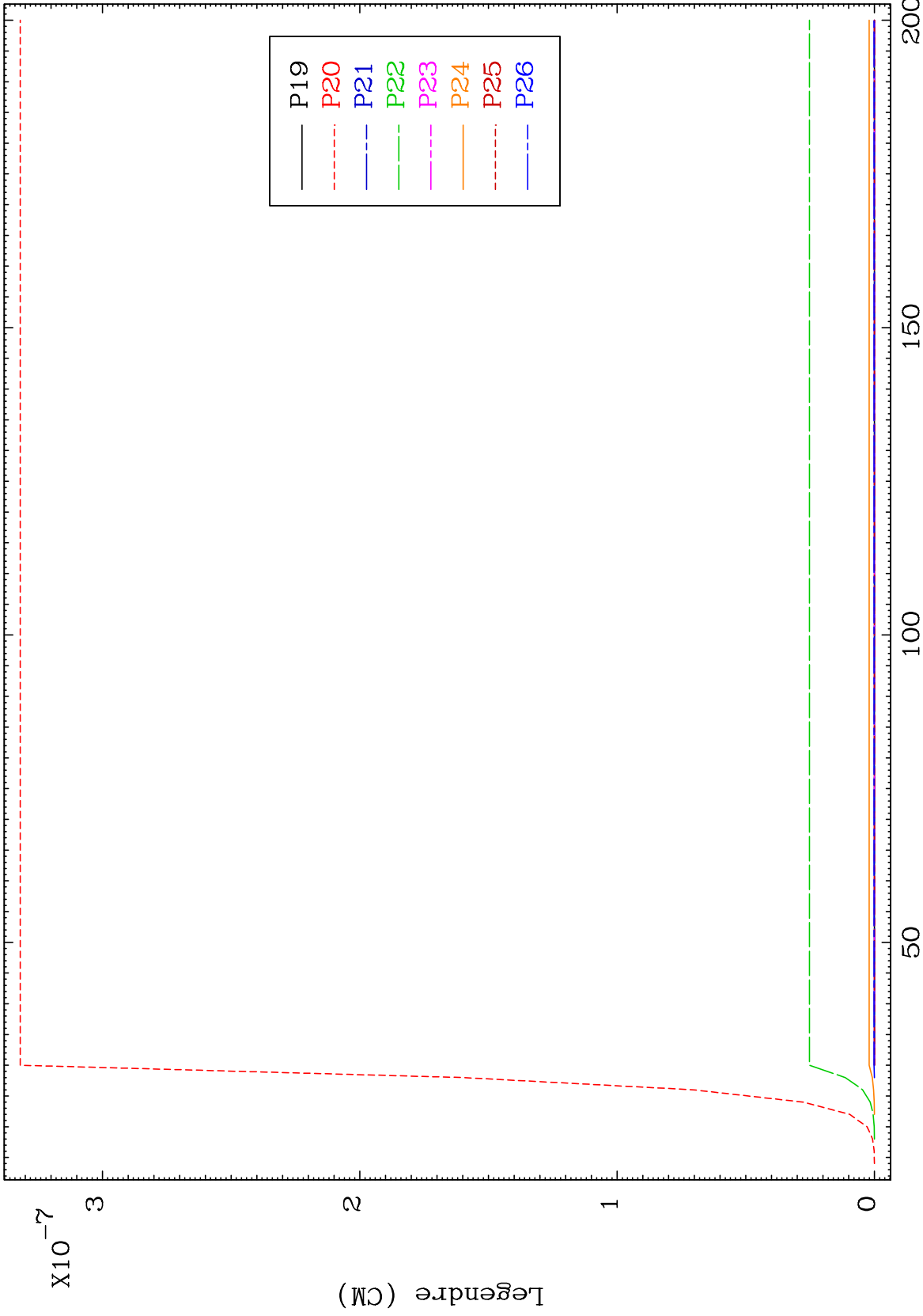
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



115

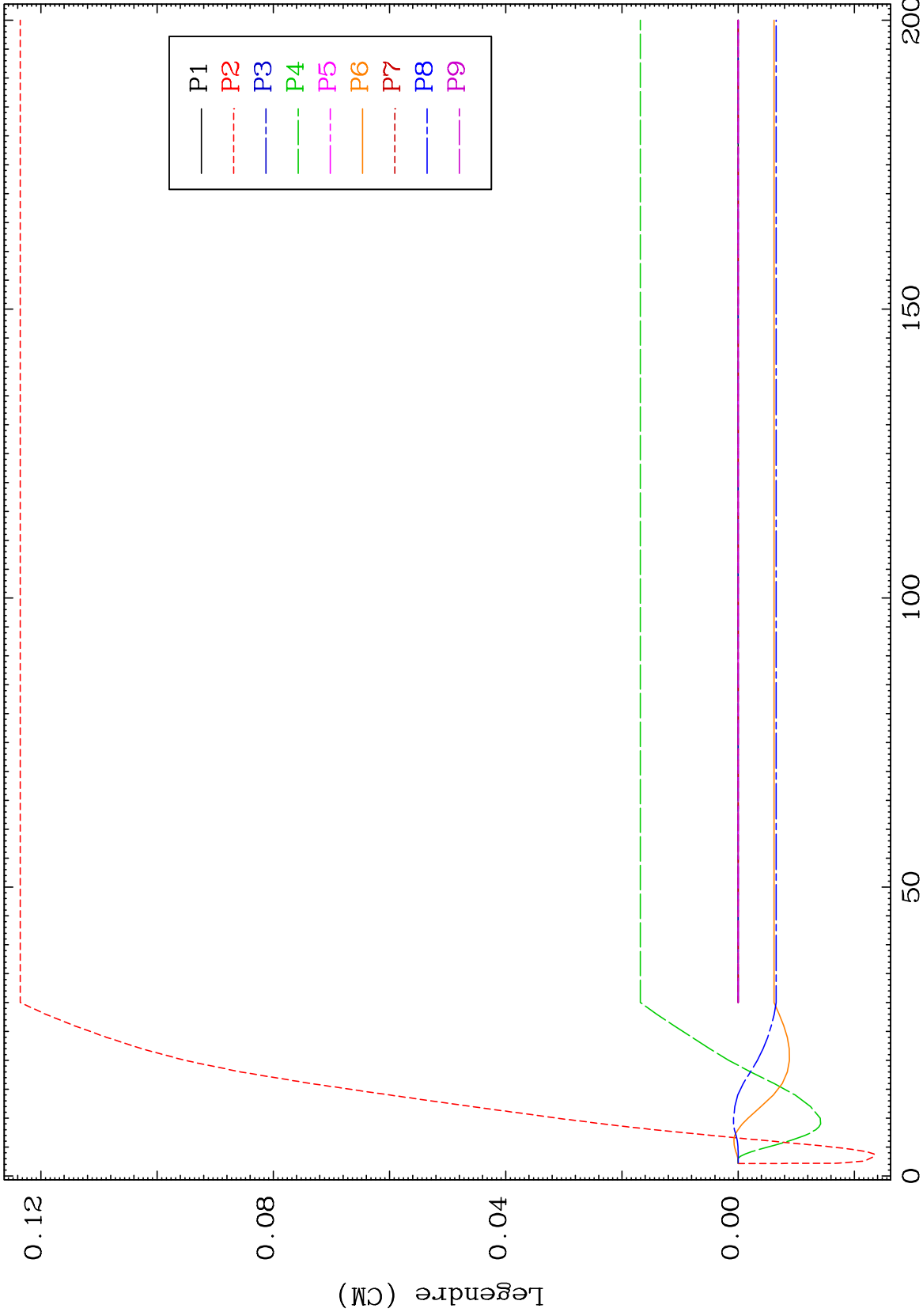
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



116

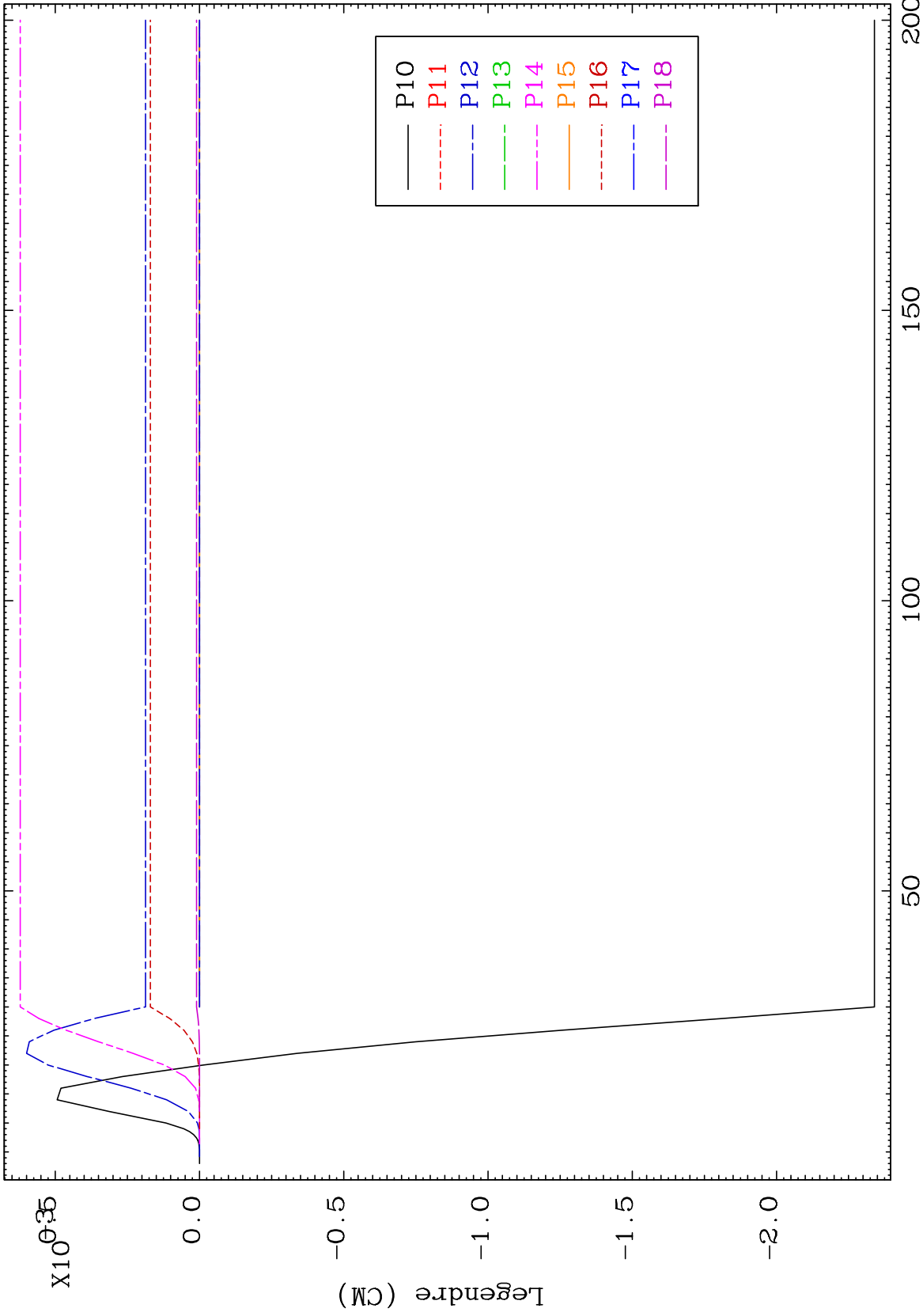
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96

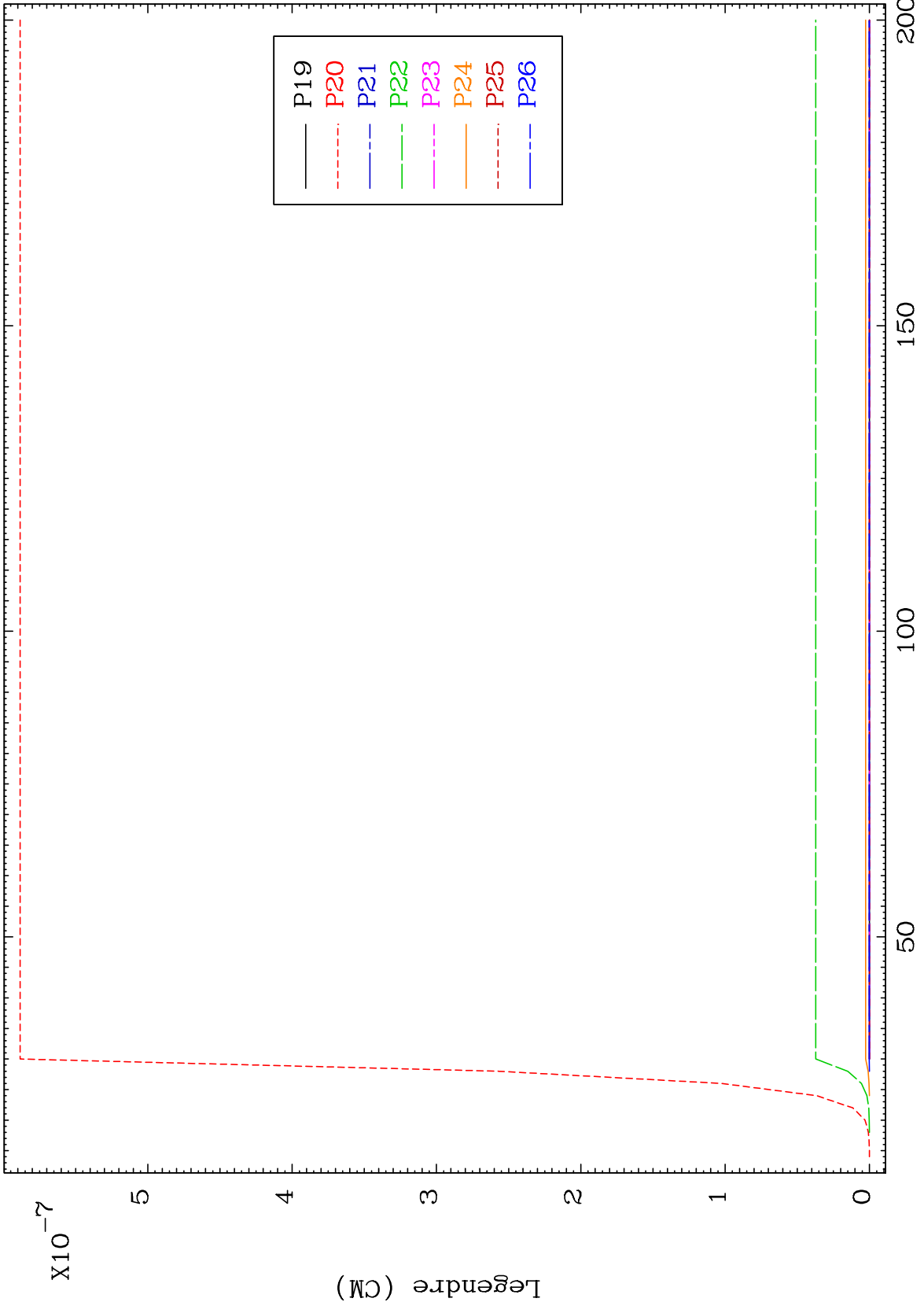


117

Incident Energy (MeV)

39-Y -96

MAT 3946 MT= 79 (n,n') Level Legendre Coefficients 39-Y -96

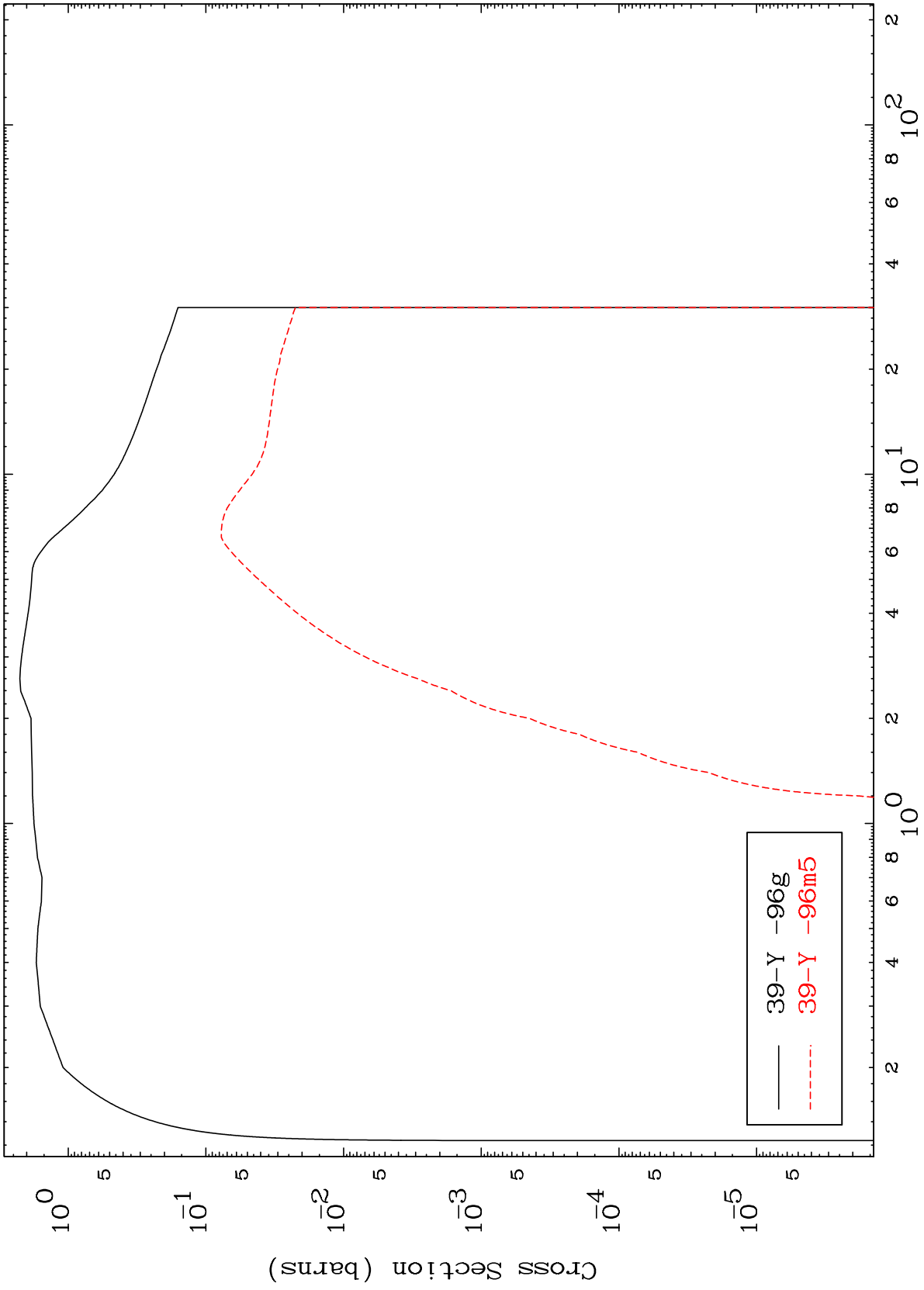


118 39-Y -96

MAT 3946

39-Y -96

Inelastic
Radionuclide Production Cross Section



119

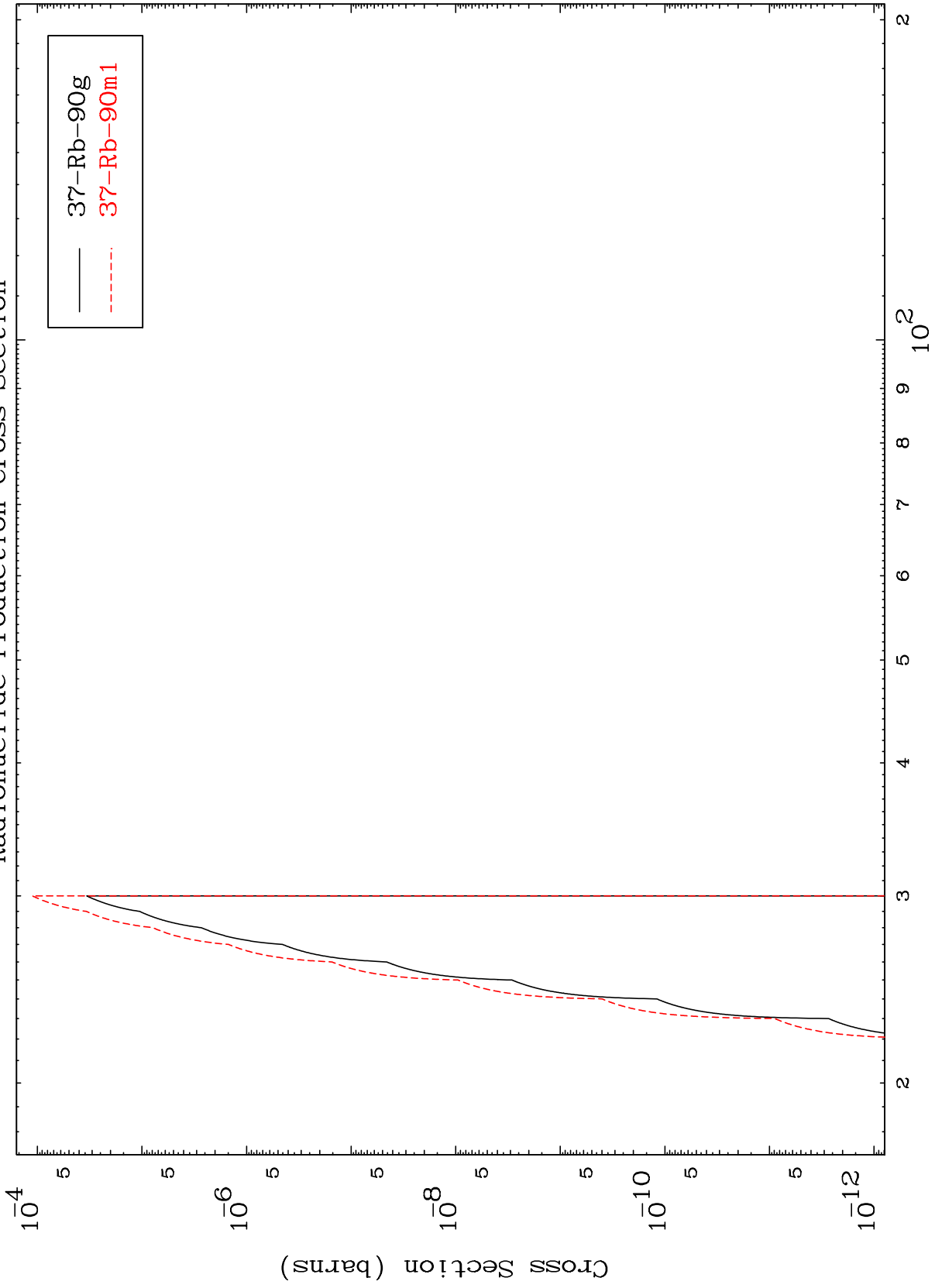
39-Y -96

MAT 3946

(n,3n) α

39-Y -96

Radionuclide Production Cross Section



37-Rb-90g
37-Rb-90m1

120

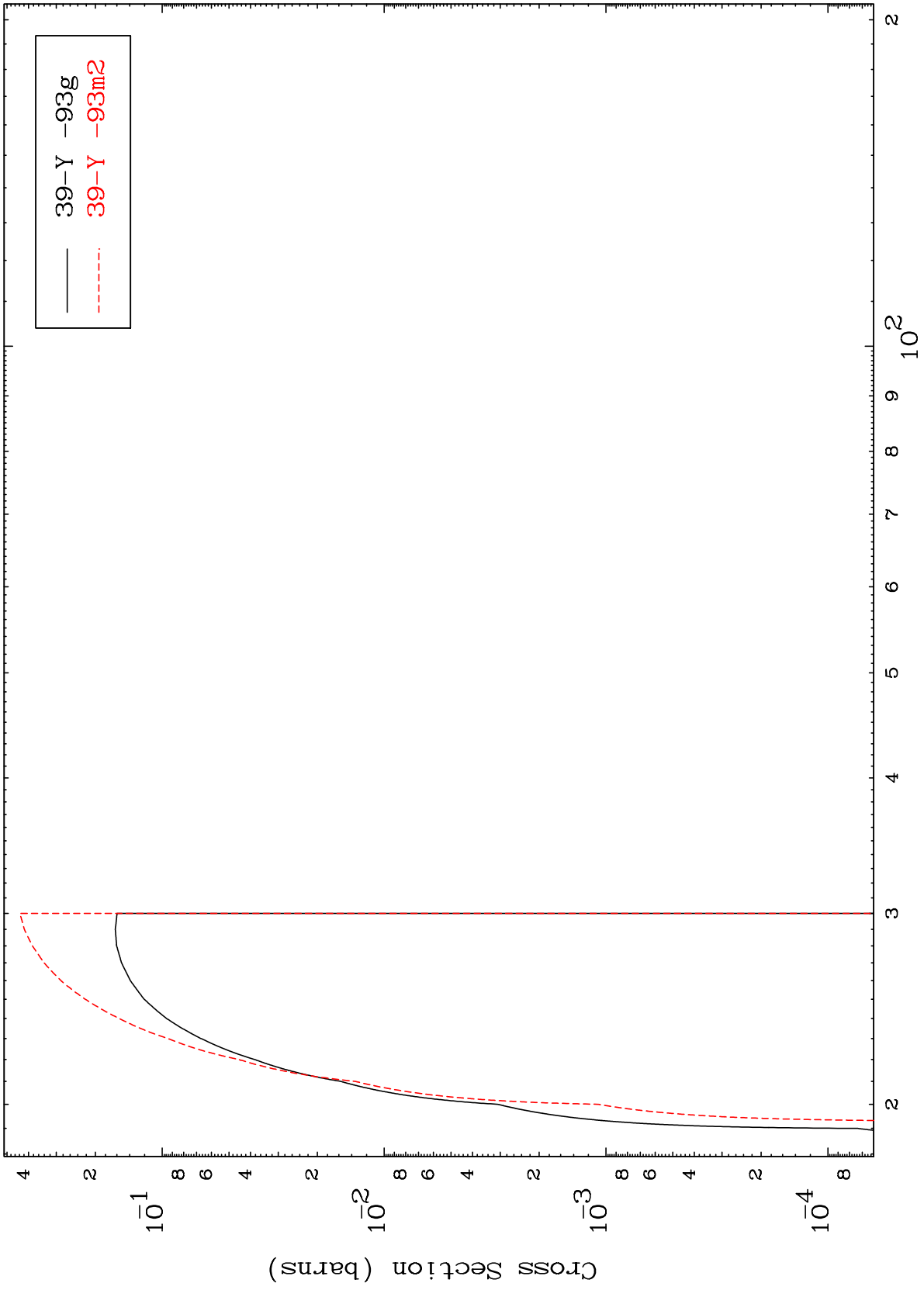
Incident Energy (MeV)

39-Y -96

MAT 3946

39-Y -96

(n,4n)
Radionuclide Production Cross Section



121

39-Y -96

Incident Energy (MeV)

MAT 3946

39-Y -96

