

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

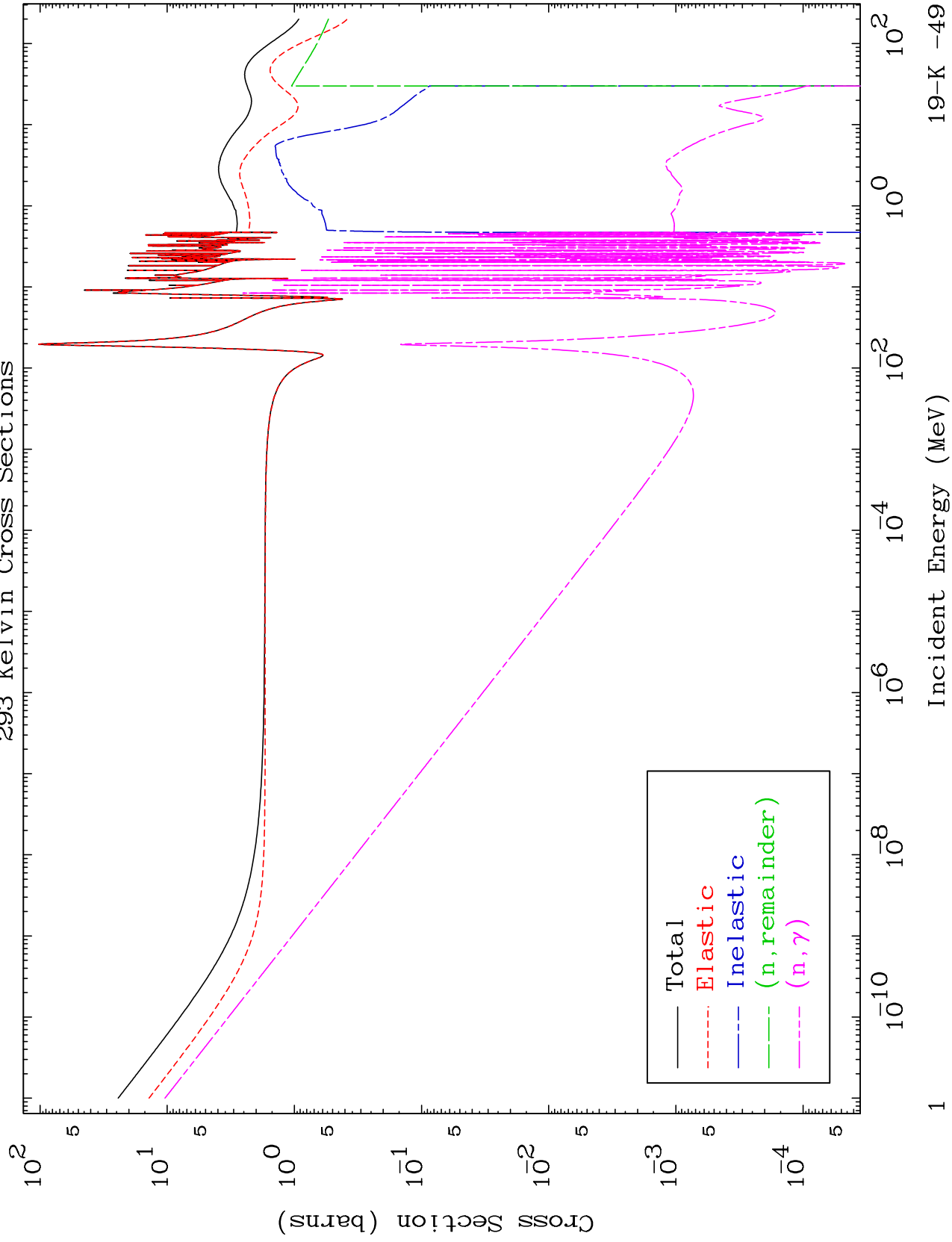
Press Mouse Button to Start

MAT 1955

Major

293 Kelvin Cross Sections

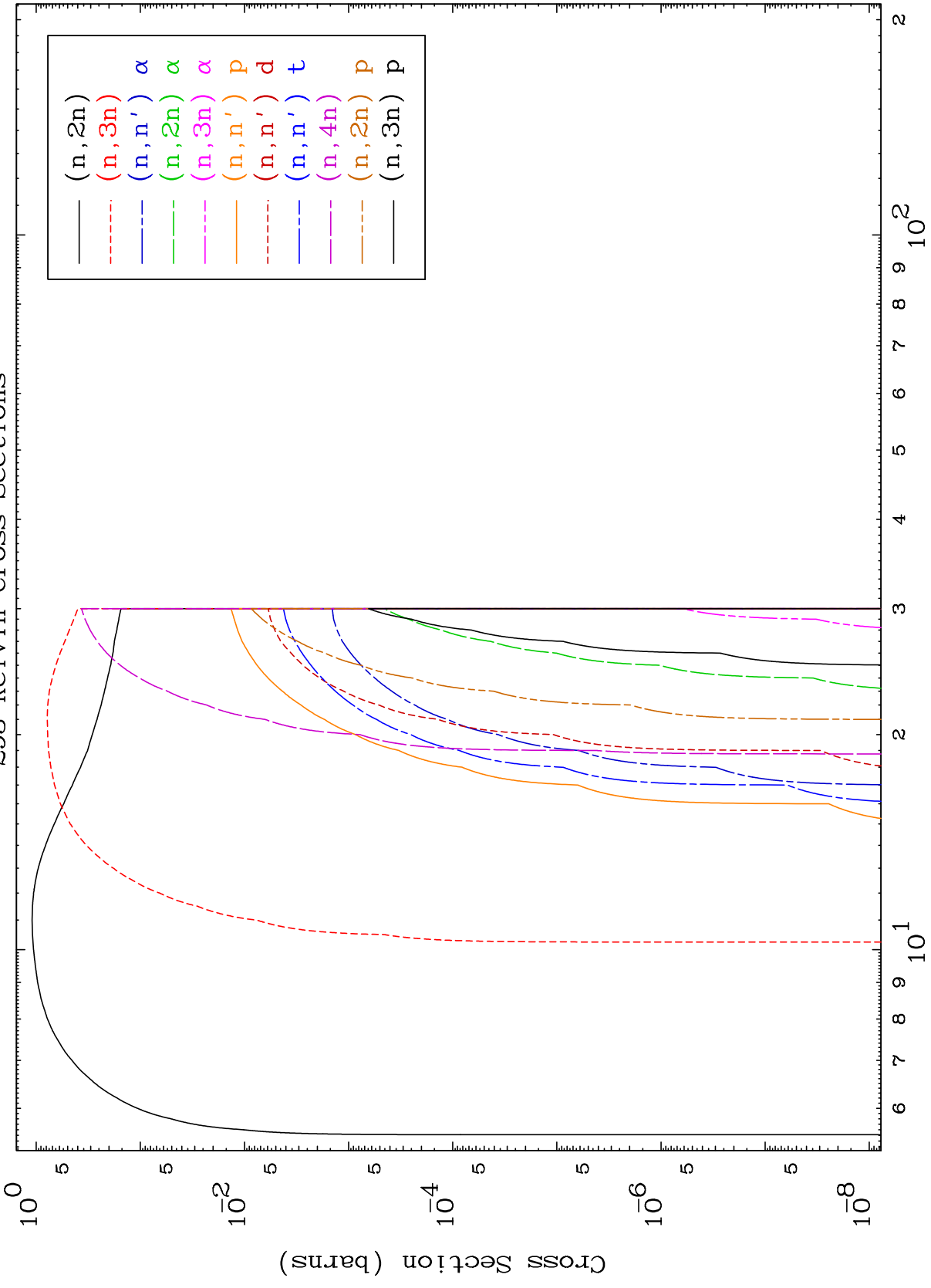
19-K -49



MAT 1955

Neutron Production
293 Kelvin Cross Sections

19-K -49



2

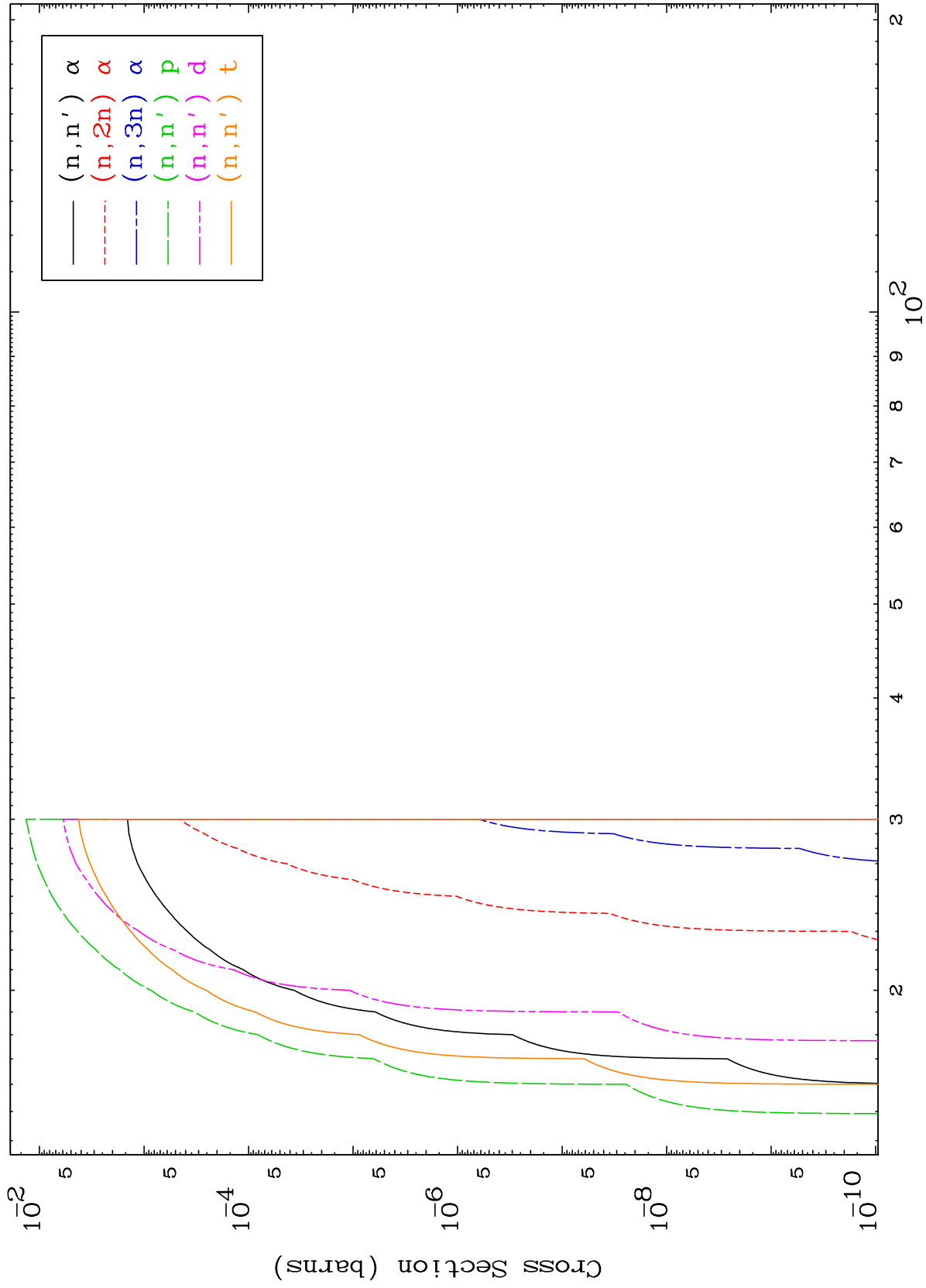
Incident Energy (MeV)

19-K -49

MAT 1955

Charged Particle
293 Kelvin Cross Sections

19-K -49



3

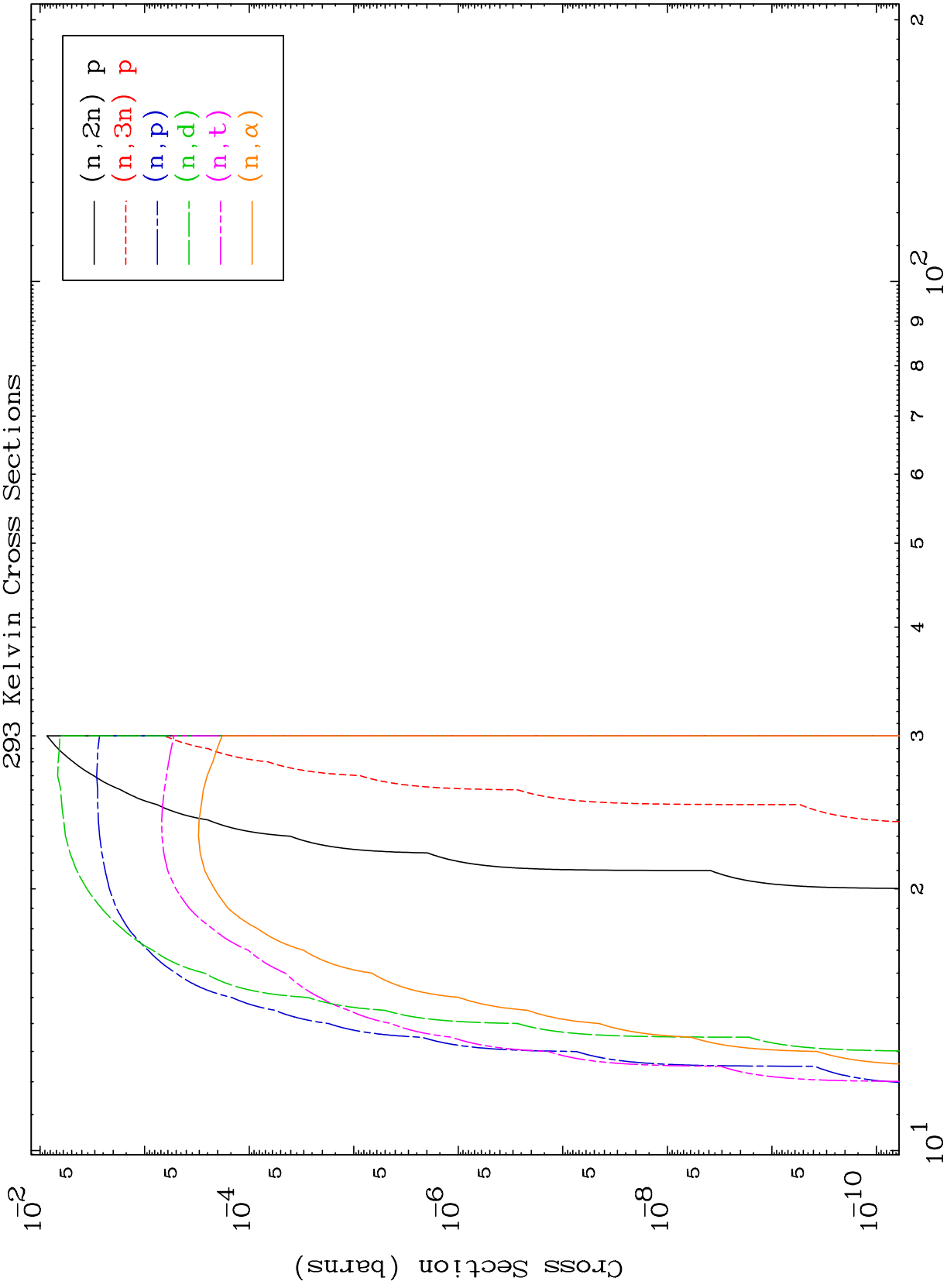
Incident Energy (MeV)

19-K -49

MAT 1955

Charged Particle
293 Kelvin Cross Sections

19-K -49



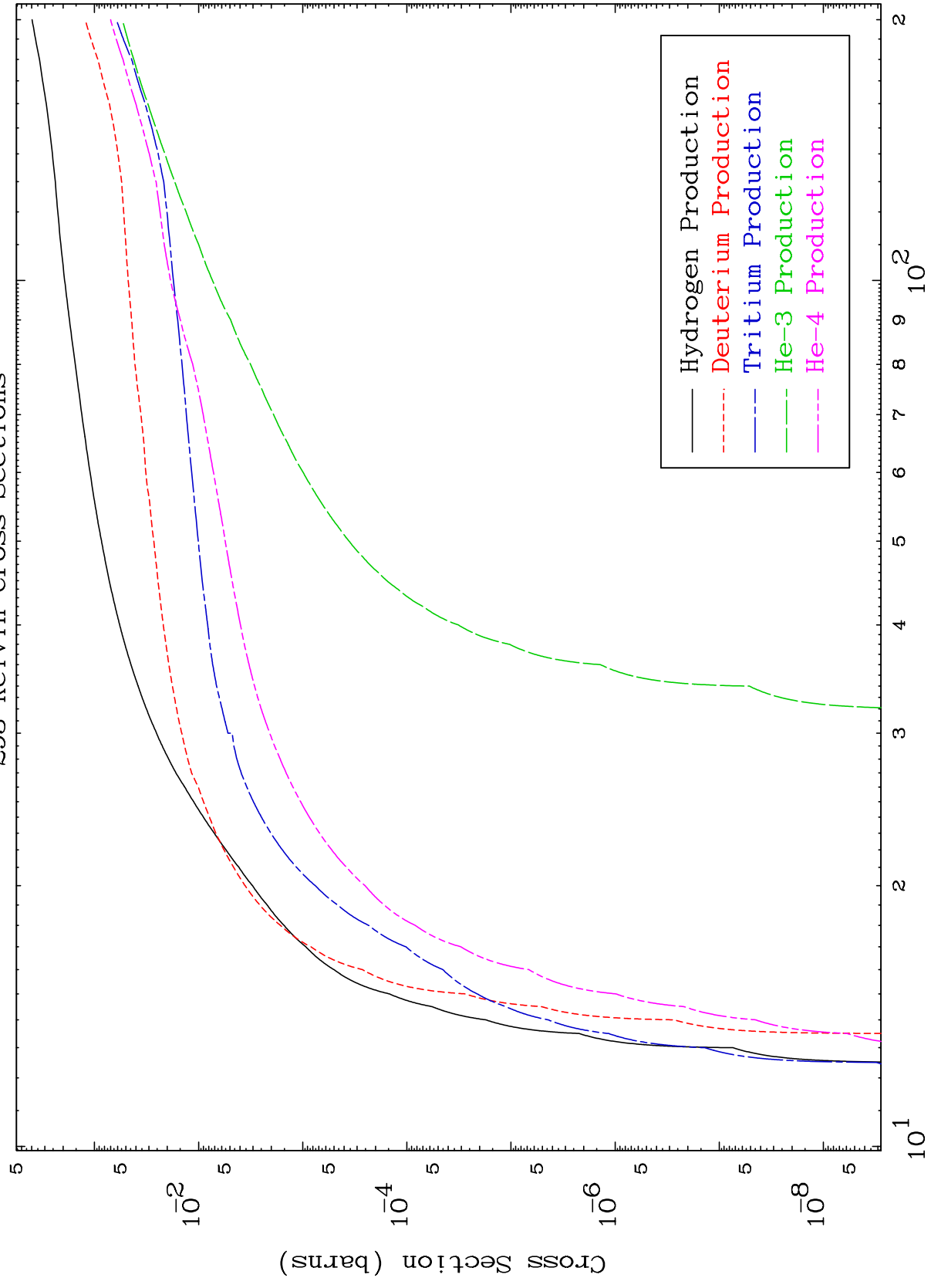
Incident Energy (MeV)

19-K -49

MAT 1955

Particle Production
293 Kelvin Cross Sections

19-K -49



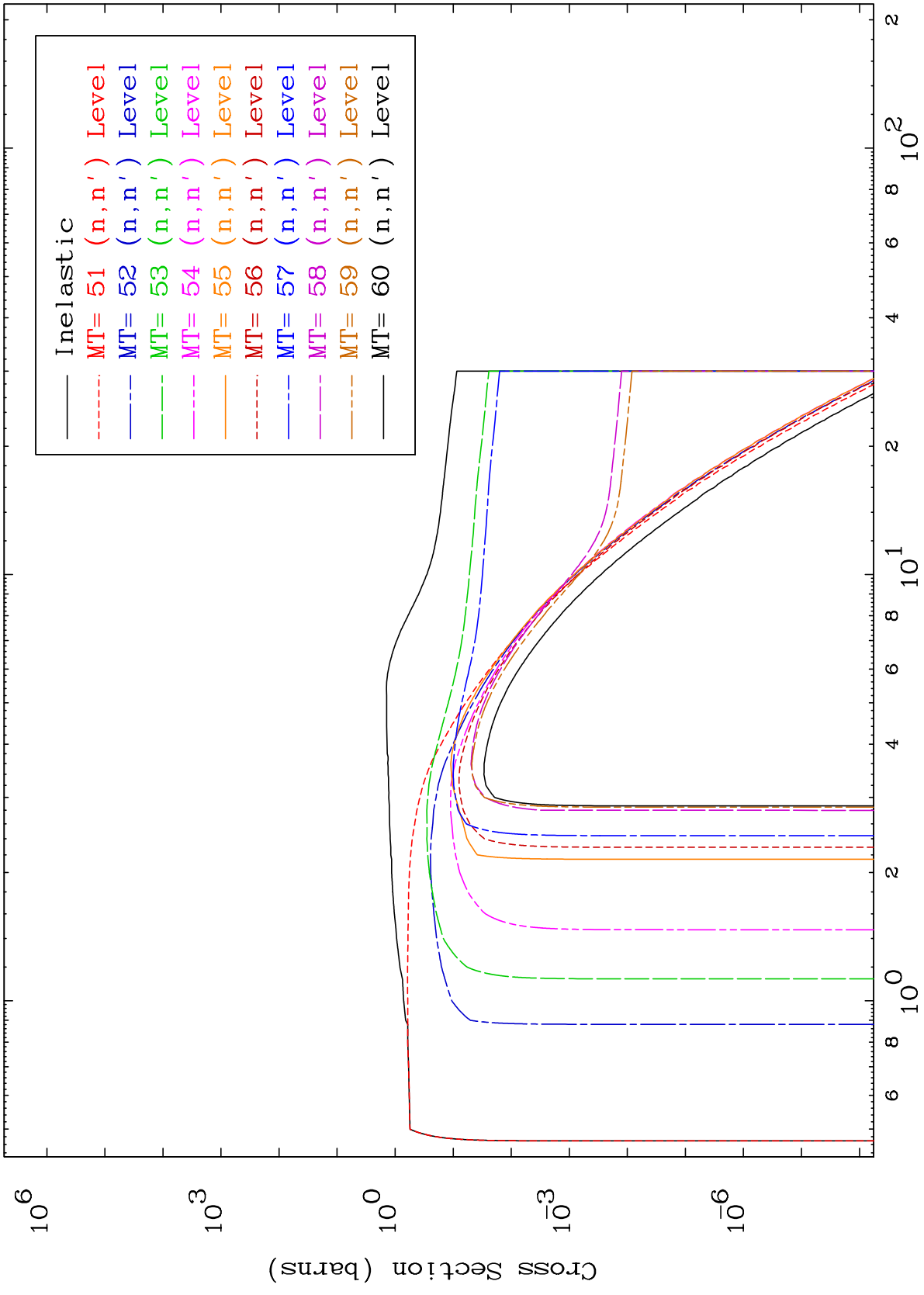
19-K -49

MAT 1955

(n,n') Level

19-K -49

293 Kelvin Cross Sections



6

Incident Energy (MeV)

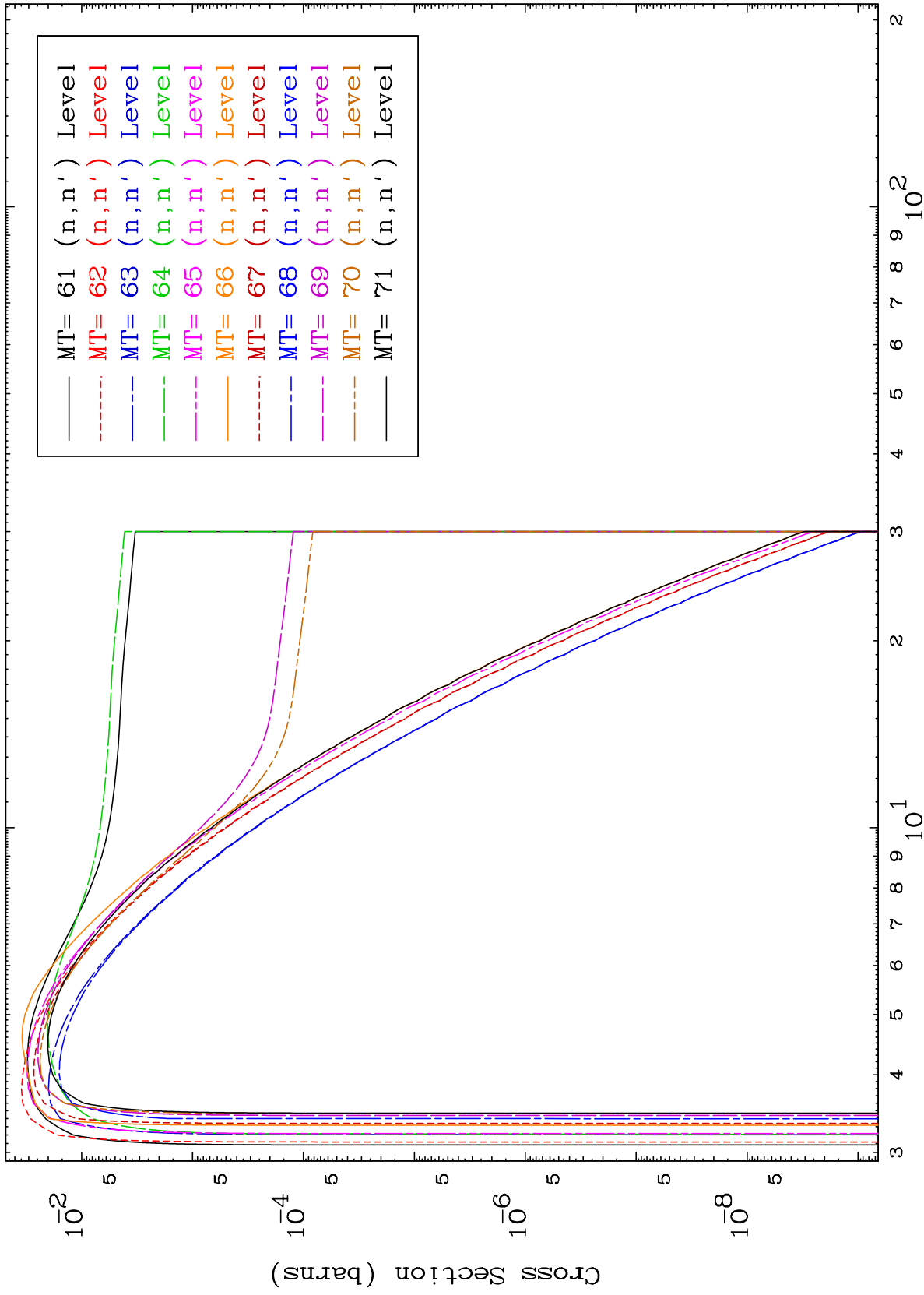
19-K -49

MAT 1955

(n,n') Level

19-K -49

293 Kelvin Cross Sections



7

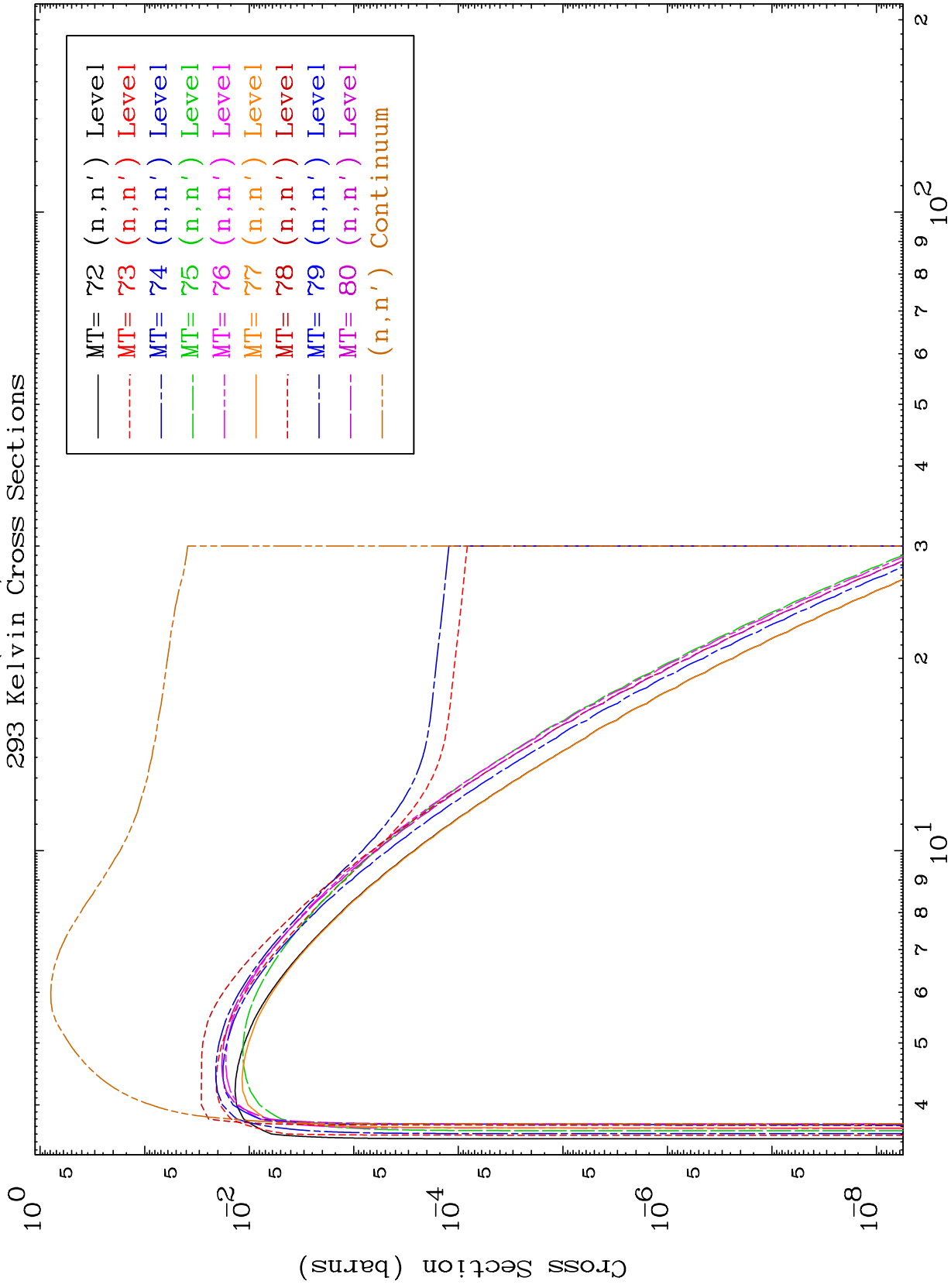
Incident Energy (MeV)

19-K -49

MAT 1955

(n,n') Level
293 Kelvin Cross Sections

19-K -49



8

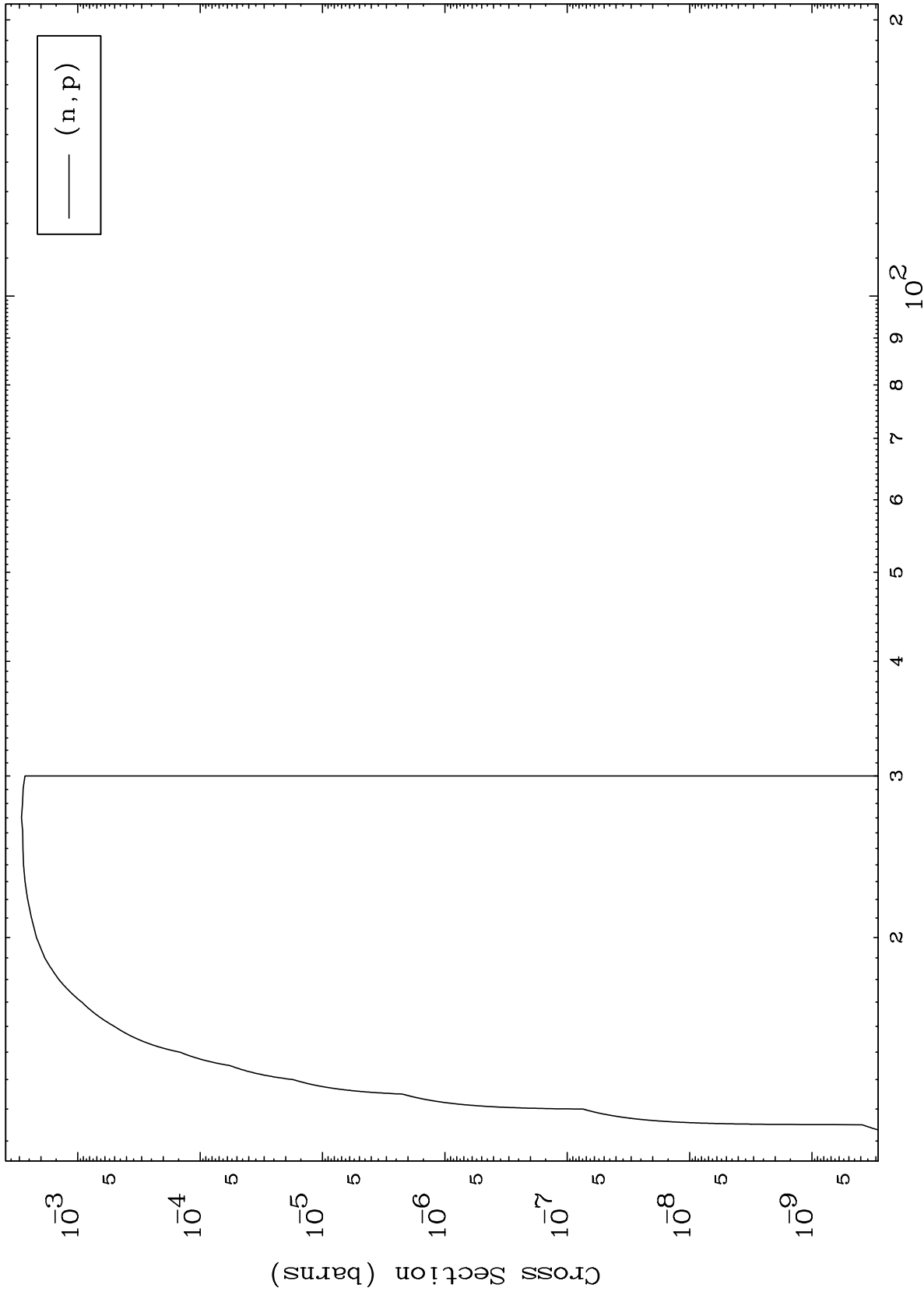
Incident Energy (MeV)

19-K -49

MAT 1955

(n,p) Levels
293 Kelvin Cross Sections

19-K -49



9

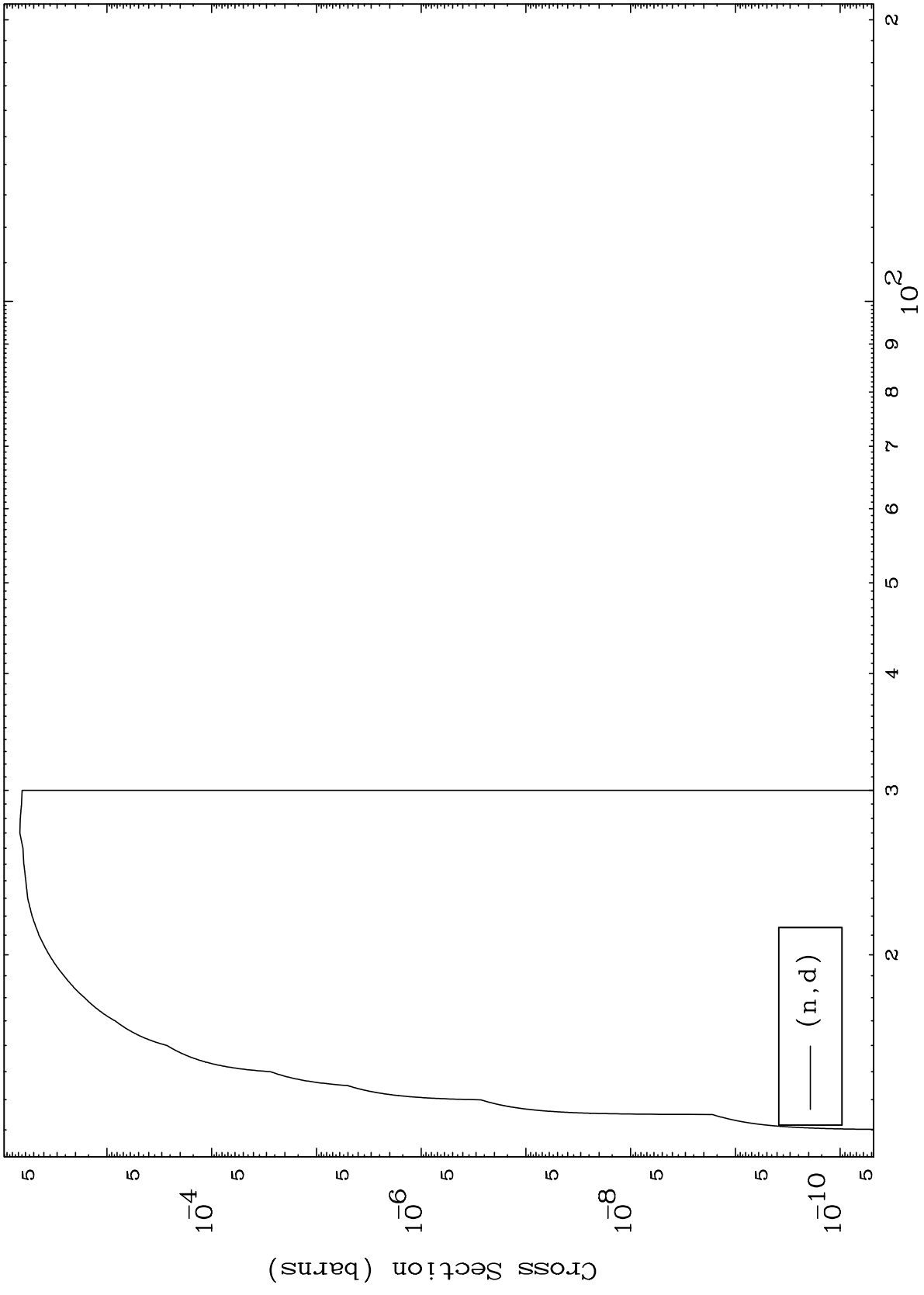
Incident Energy (MeV)

19-K -49

MAT 1955

(n,d) Levels
293 Kelvin Cross Sections

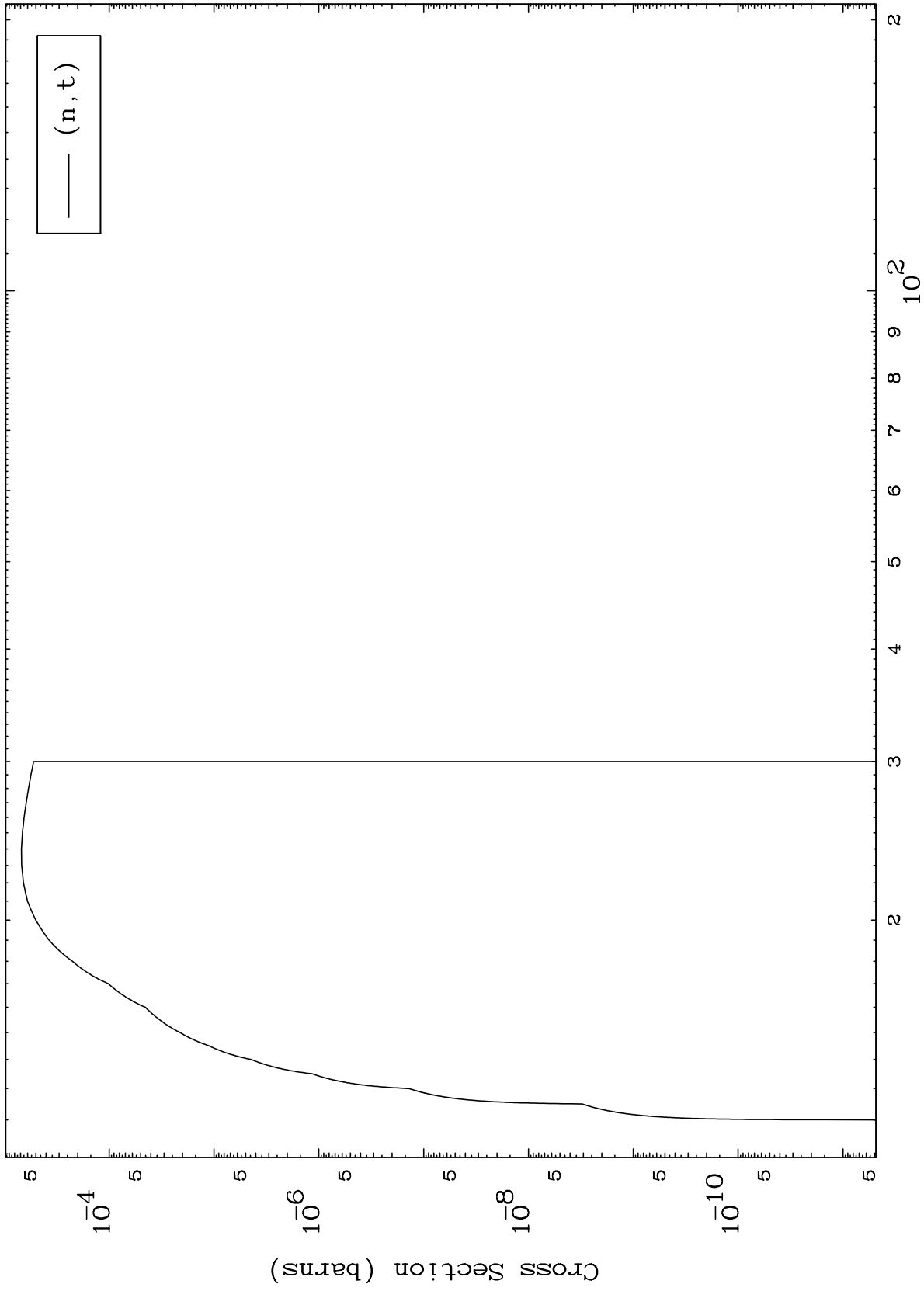
19-K -49



10

Incident Energy (MeV)

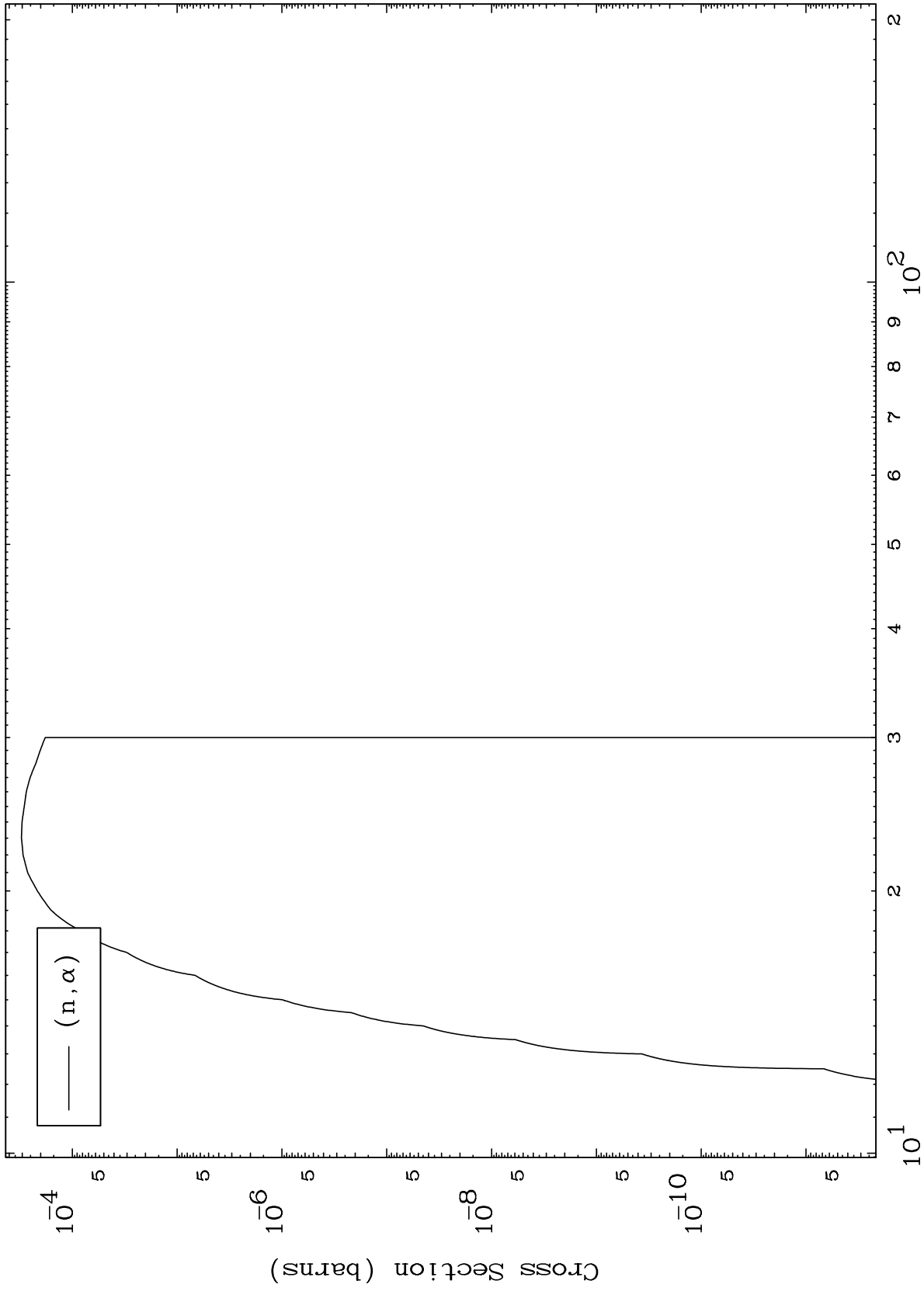
19-K -49



MAT 1955

(n,α) Levels
293 Kelvin Cross Sections

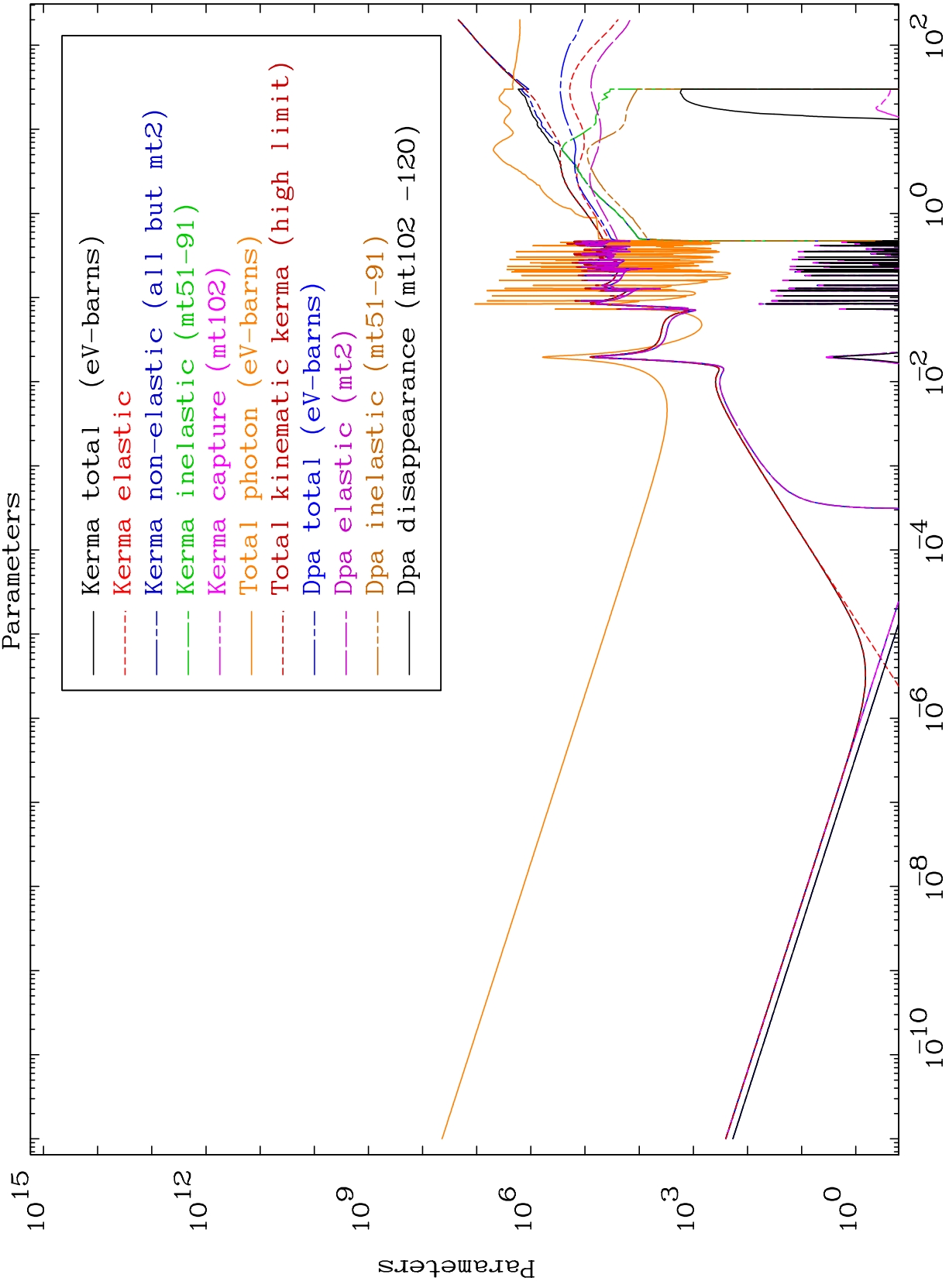
19-K -49



12

Incident Energy (MeV)

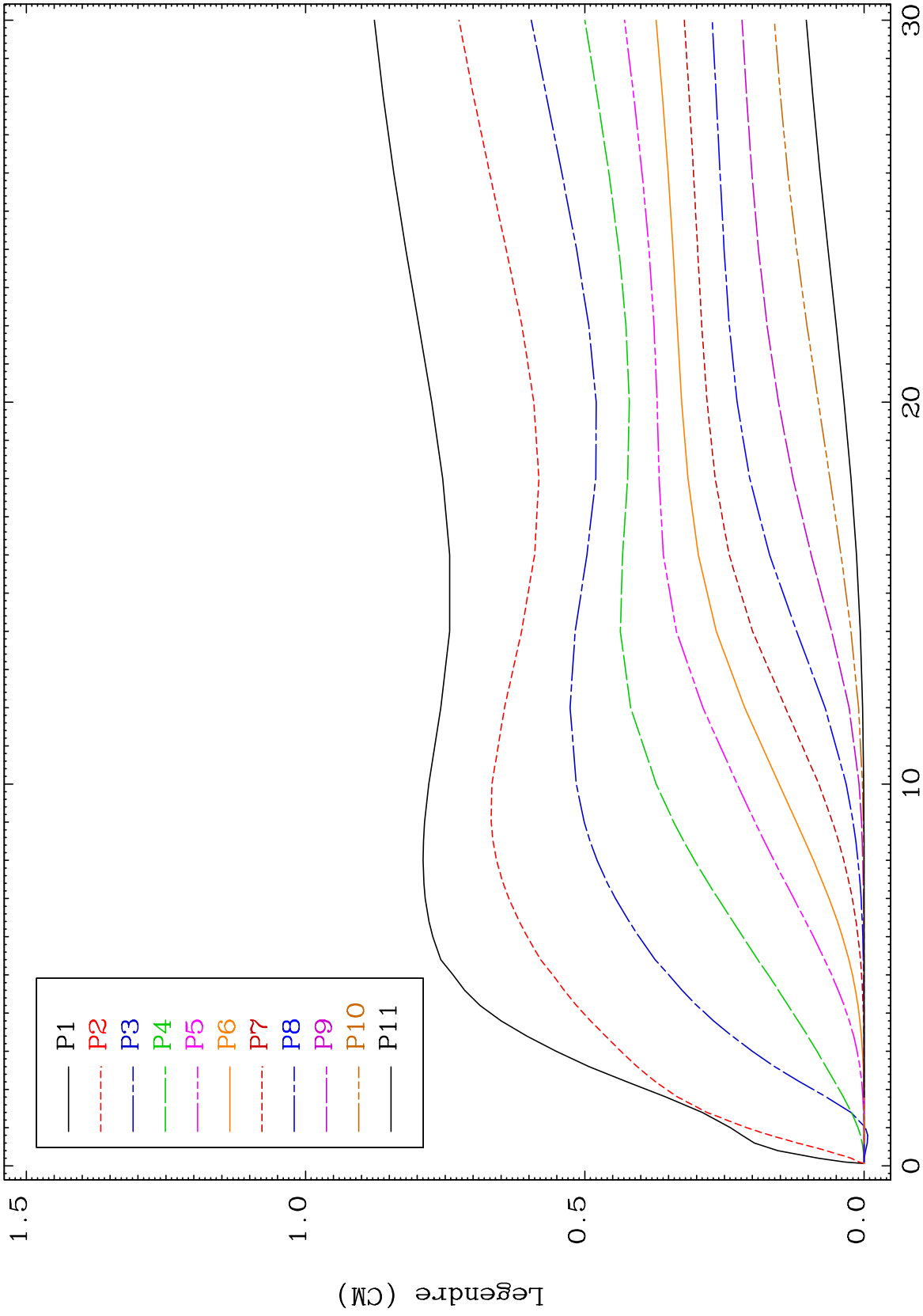
19-K -49



MAT 1955

Elastic Legendre Coefficients

19-K -49

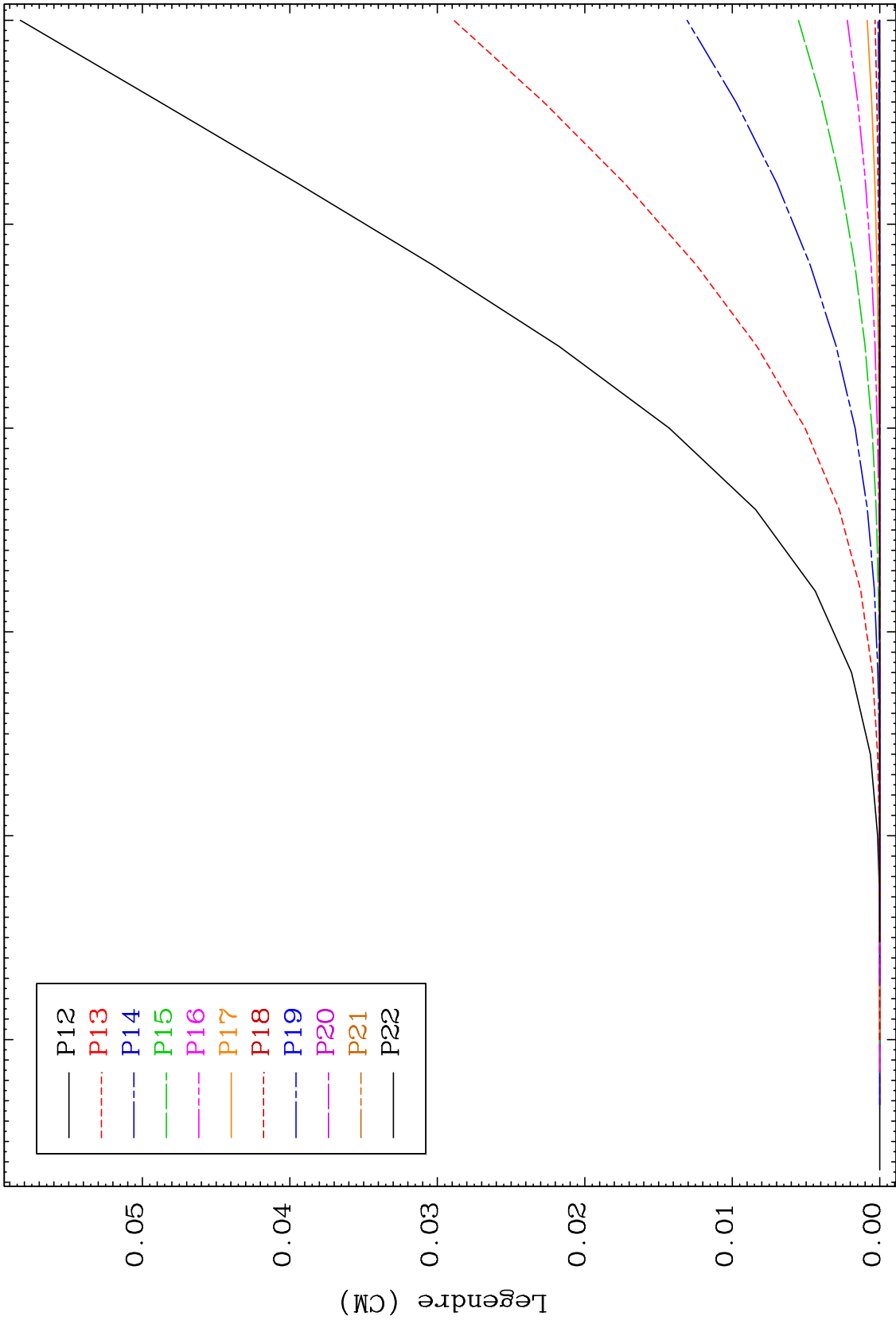


14

MAT 1955

Elastic Legendre Coefficients

19-K -49



15

Incident Energy (MeV)

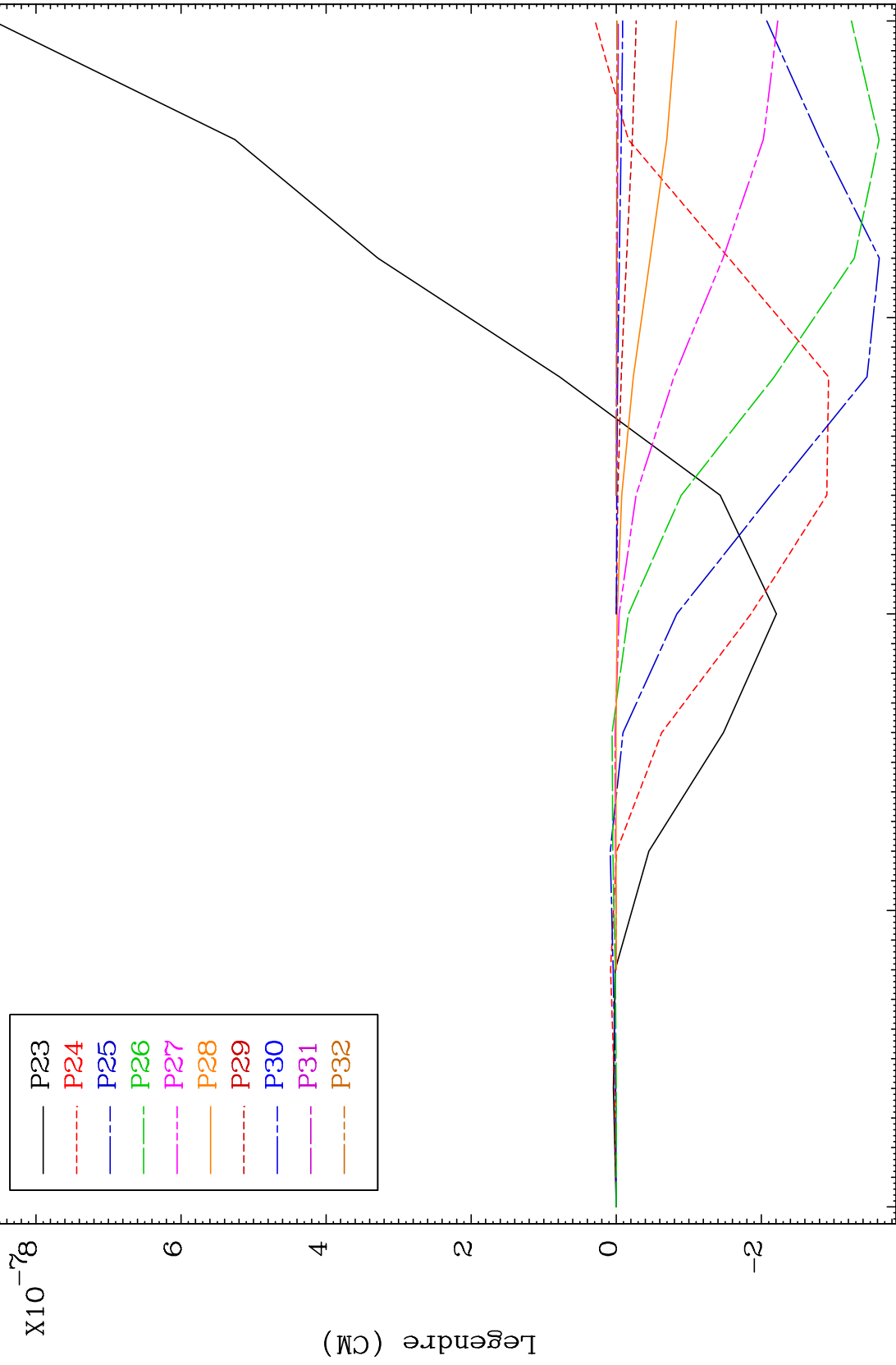
19-K -49

- P12
- P13
- P14
- P15
- P16
- P17
- P18
- P19
- P20
- P21
- P22

MAT 1955

Elastic Legendre Coefficients

19-K -49

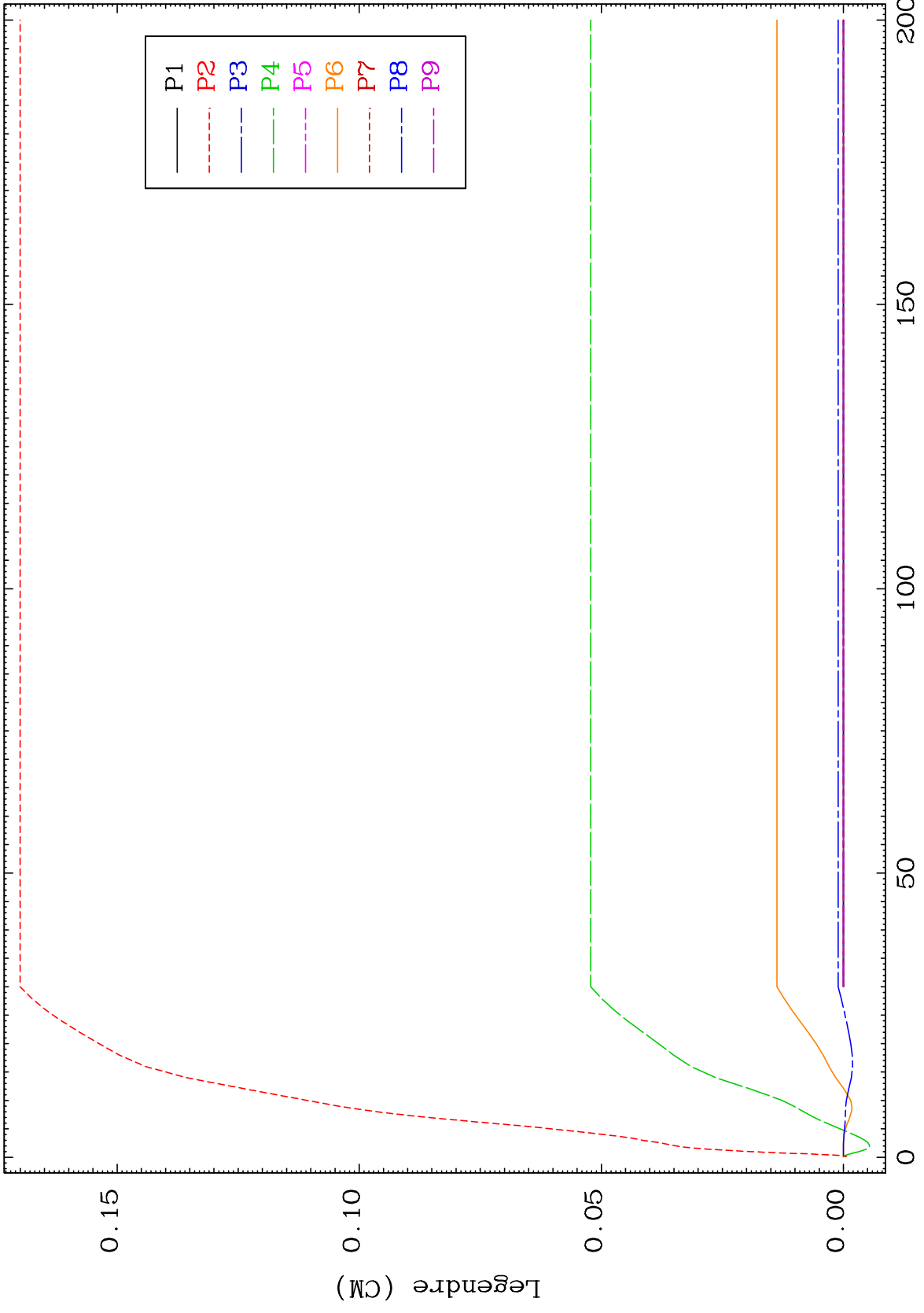


16

Incident Energy (MeV)

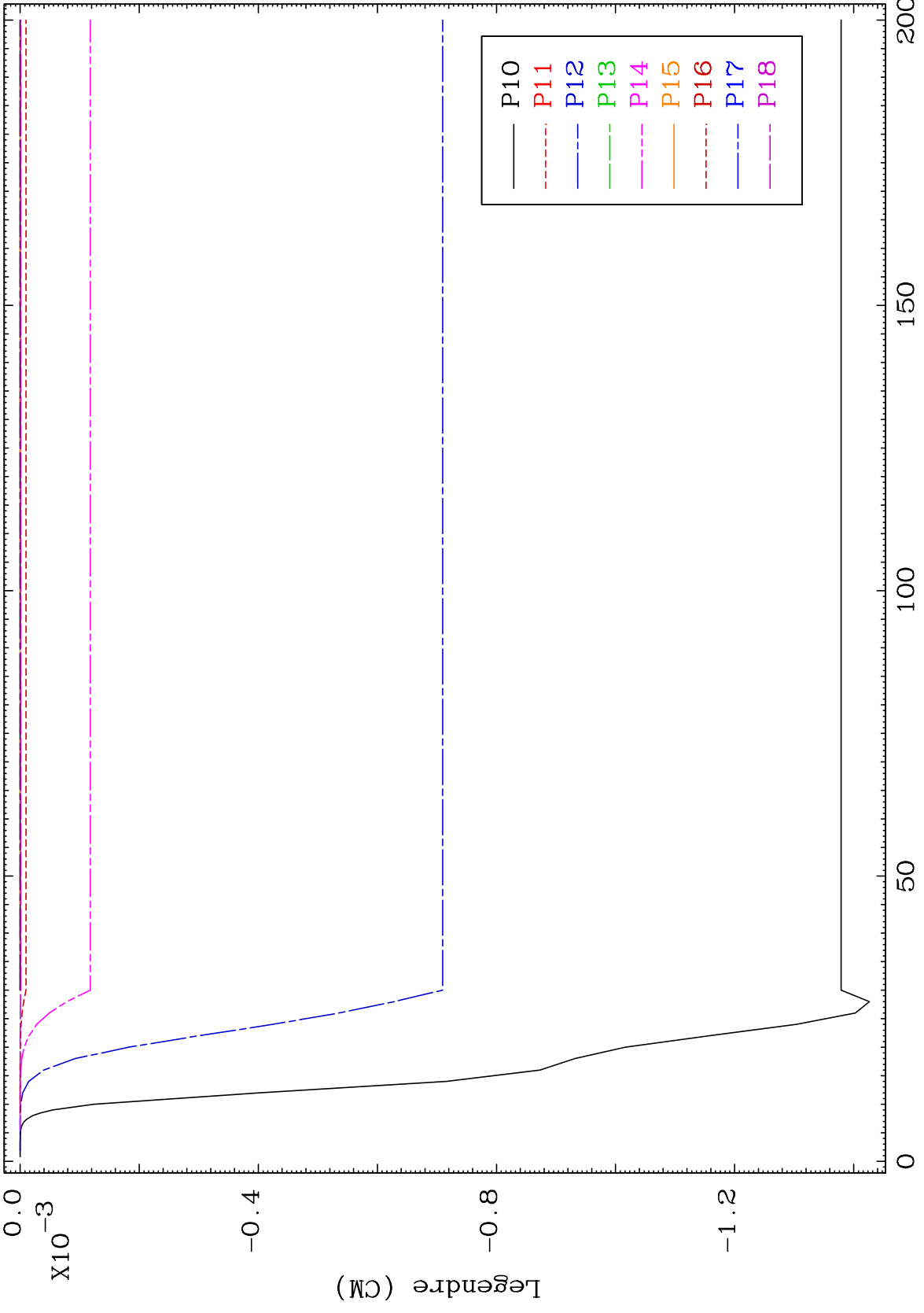
19-K -49

MAT 1955 MT= 51 (n,n') Level Legendre Coefficients 19-K -49



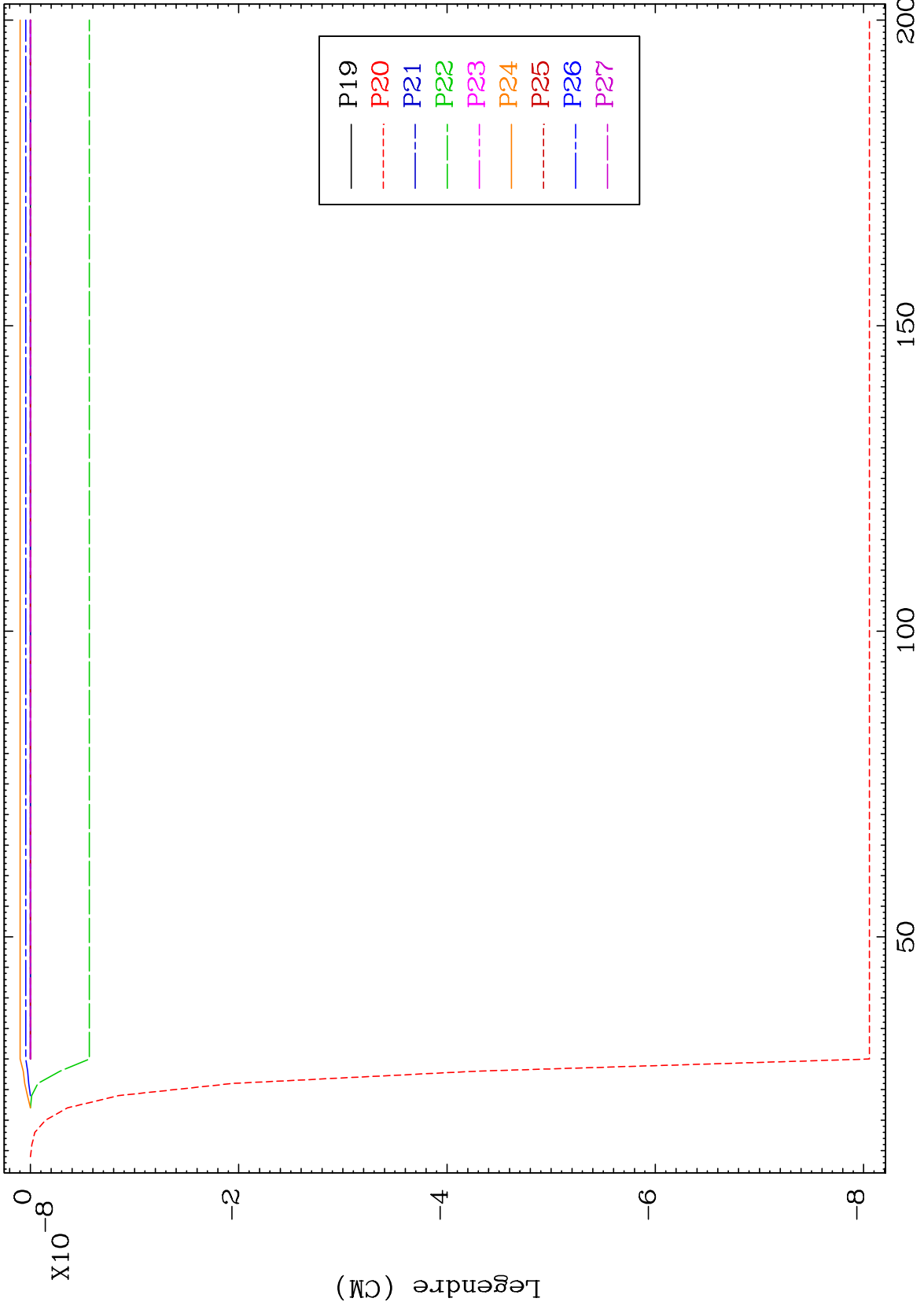
17 19-K -49

MAT 1955 MT= 51 (n,n') Level Legendre Coefficients 19-K -49



18 Incident Energy (MeV) 19-K -49

MAT 1955 MT= 51 (n,n') Level Legendre Coefficients 19-K -49

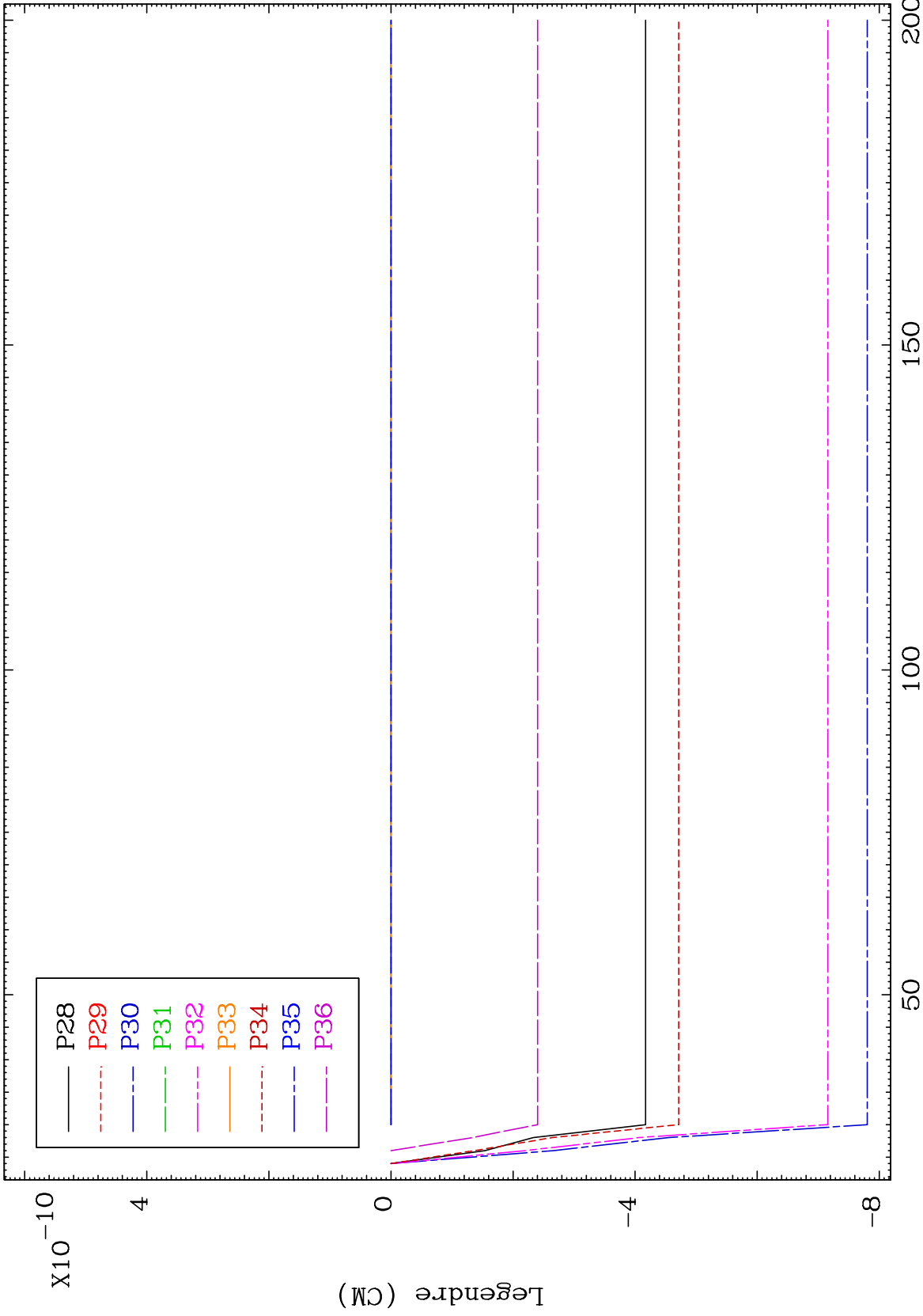


19-K -49

MAT 1955

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

19-K -49



20

50

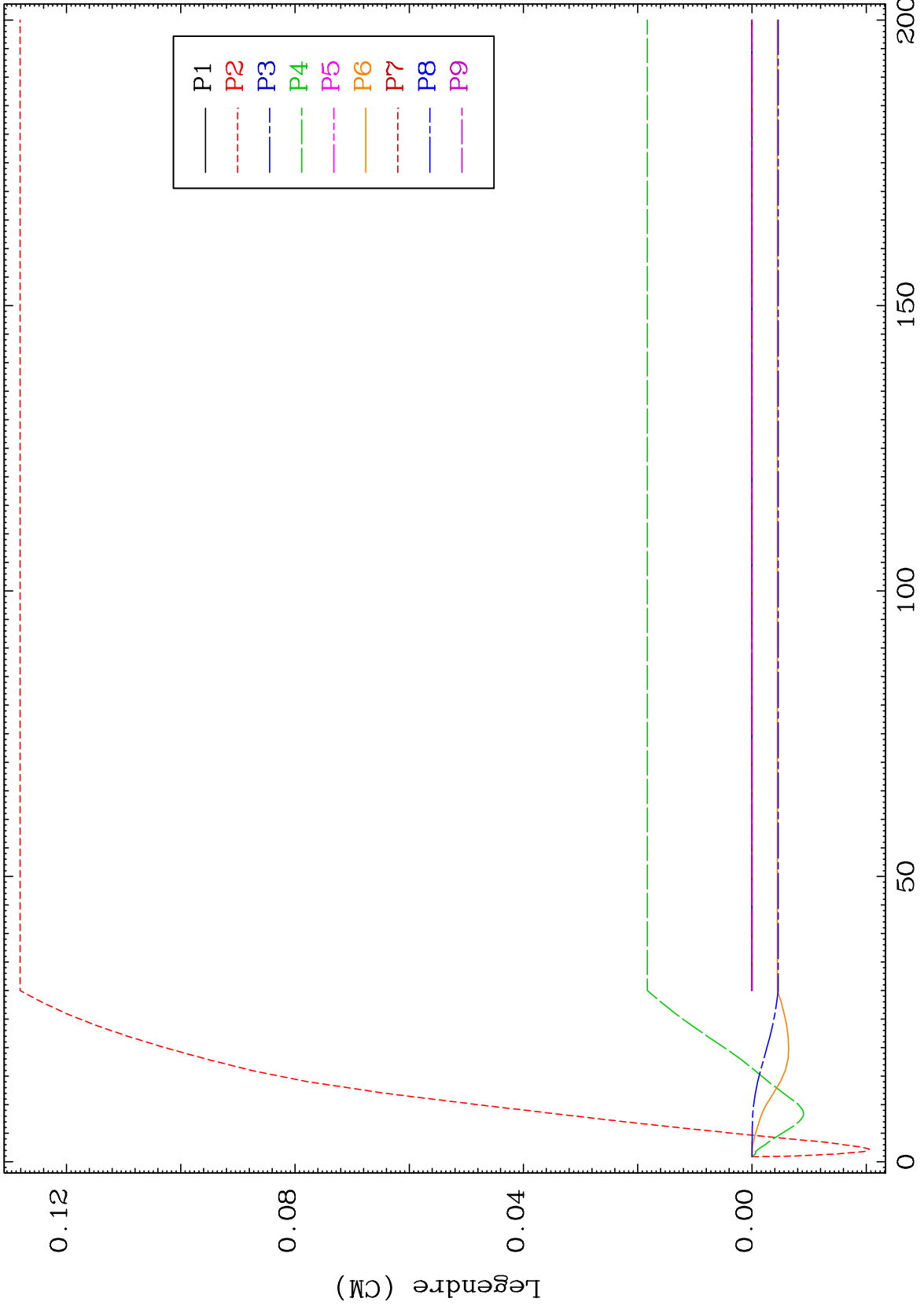
100

150

200

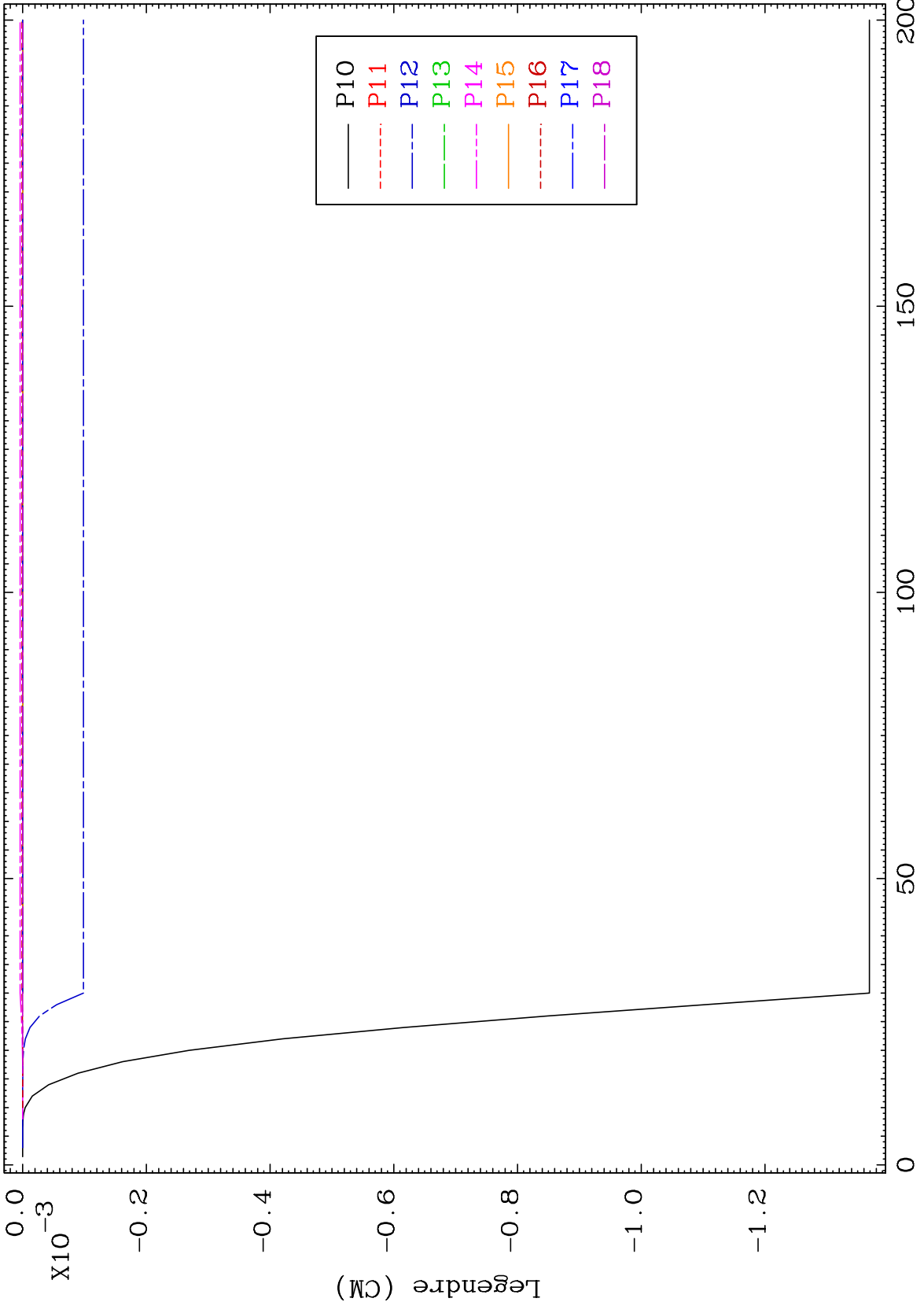
19-K -49

MAT 1955 MT= 52 (n,n') Level Legendre Coefficients 19-K -49



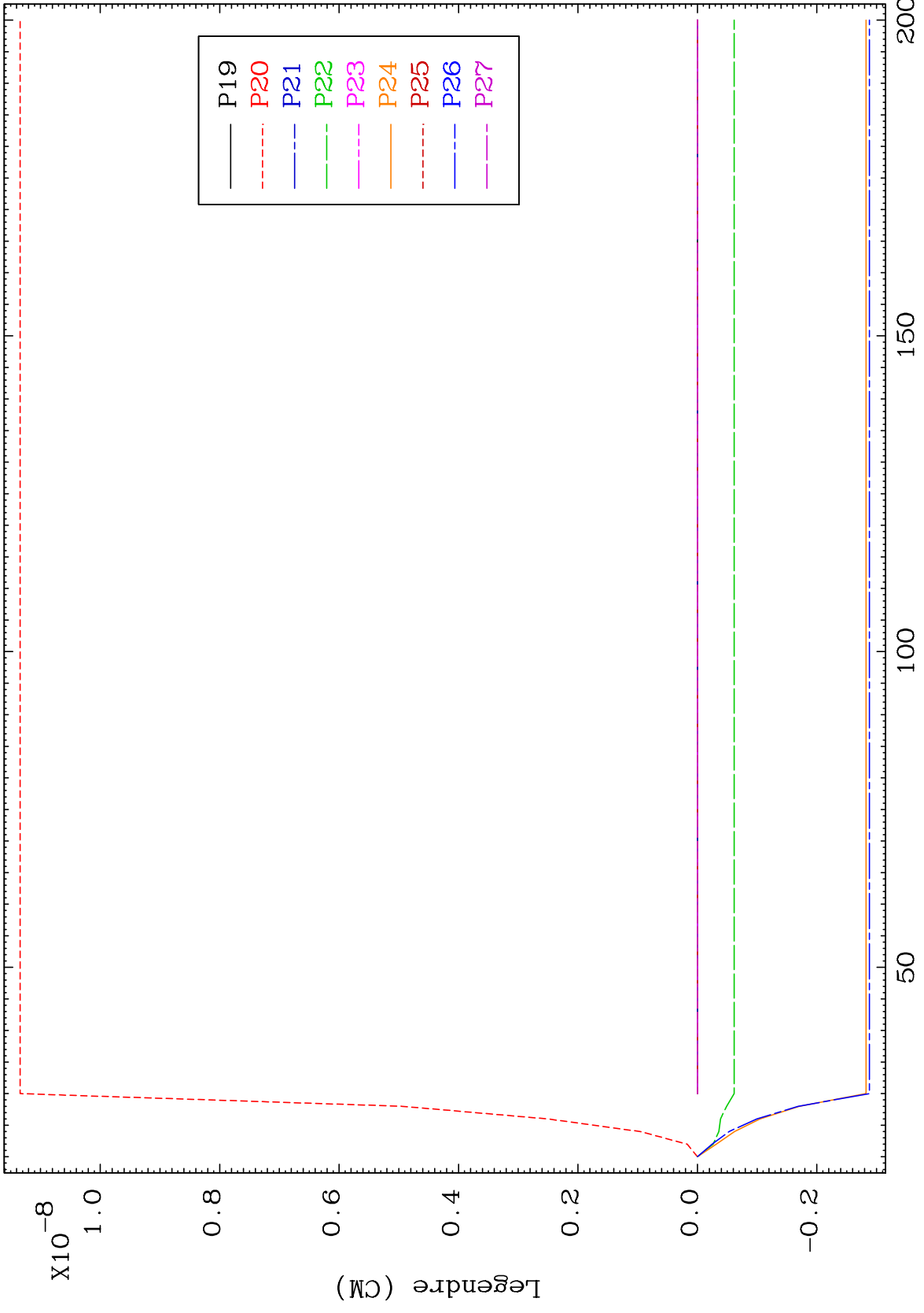
21 19-K -49

MAT 1955 MT= 52 (n,n') Level Legendre Coefficients 19-K -49



22 19-K -49

MAT 1955 MT= 52 (n,n') Level Legendre Coefficients 19-K -49

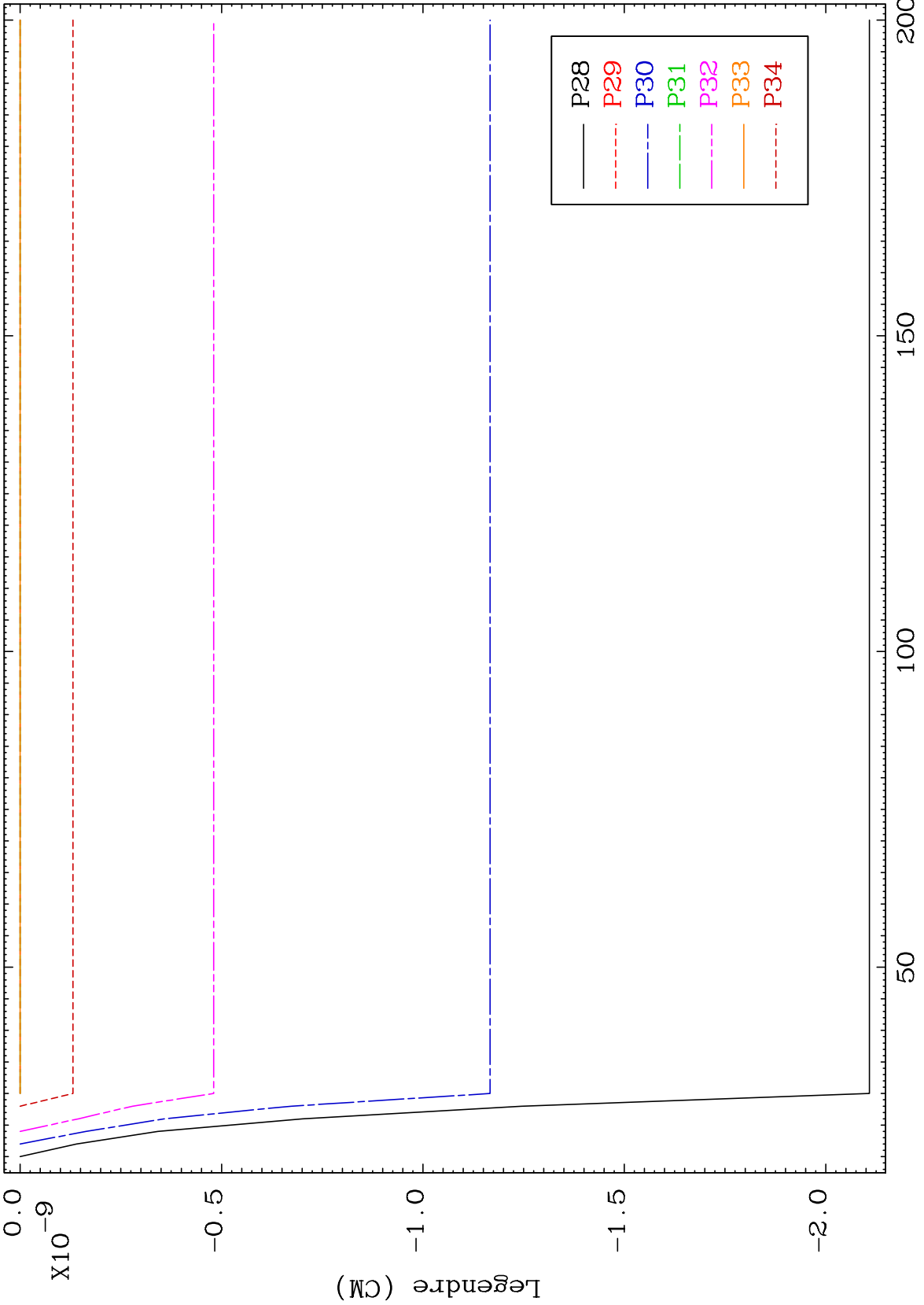


23 Incident Energy (MeV) 19-K -49

MAT 1955 MT= 52 (n,n') Level Legendre Coefficients

19-K -49

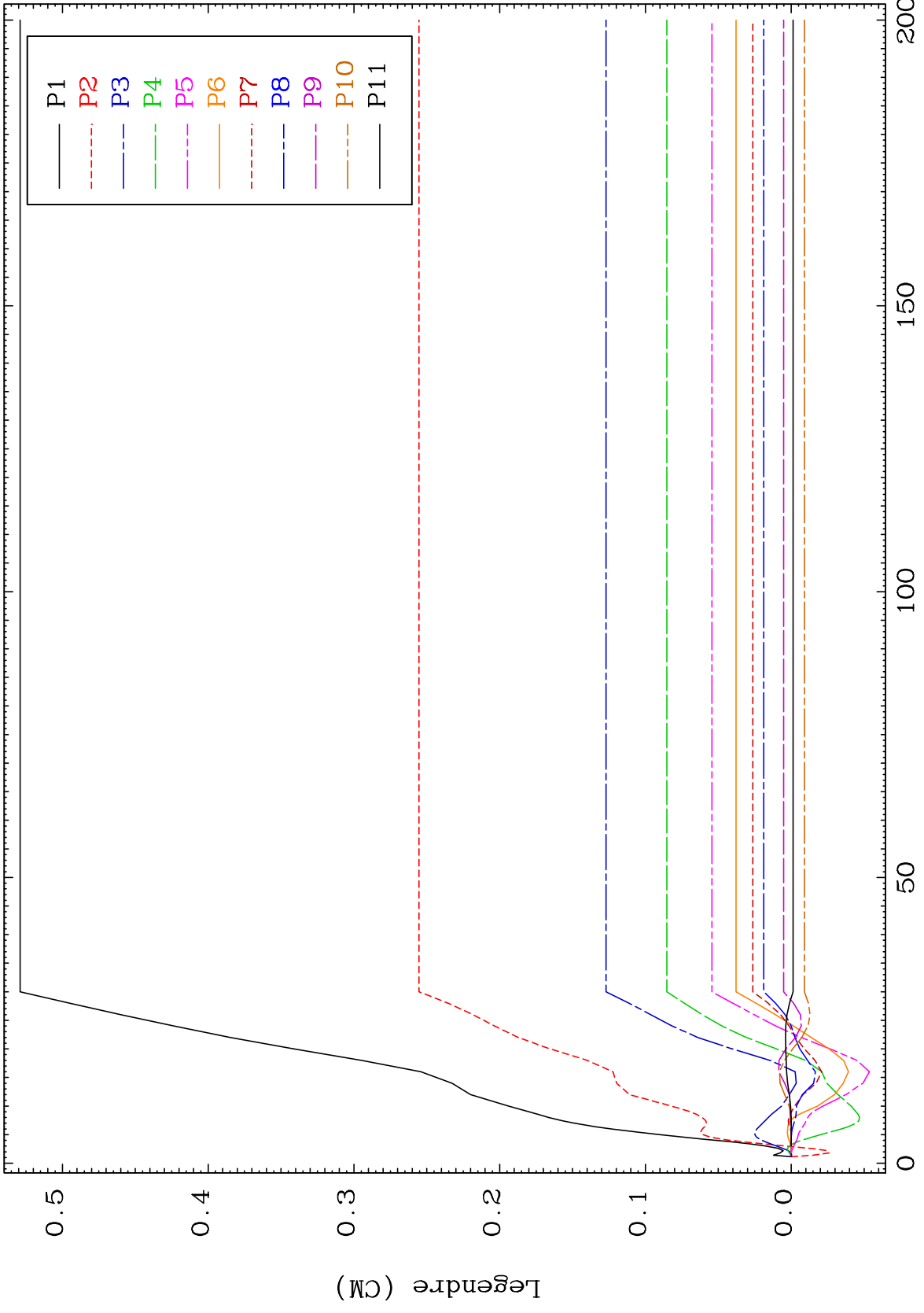
19-K -49



MAT 1955

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

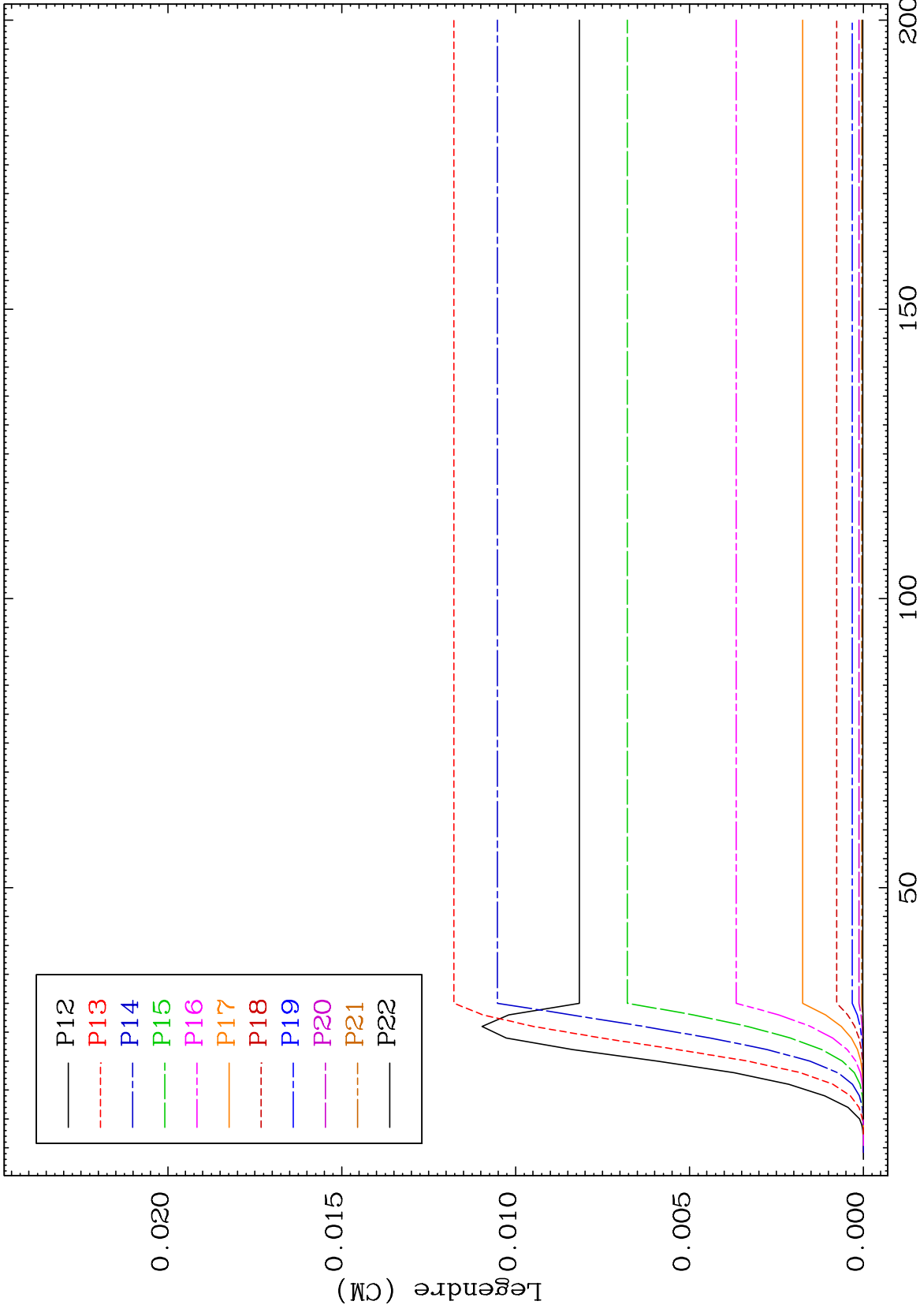
19-K -49



25

Incident Energy (MeV)

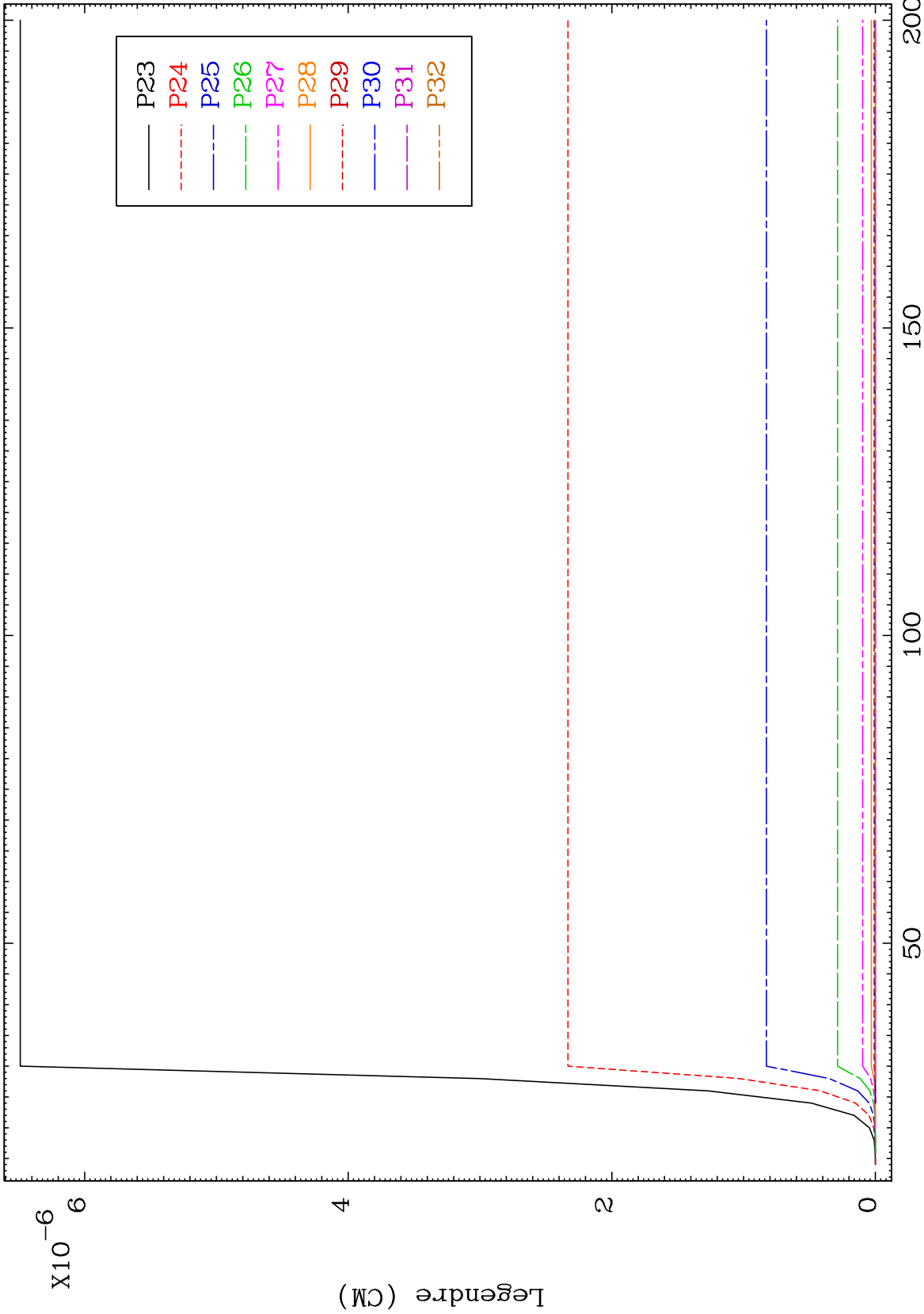
19-K -49



MAT 1955

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

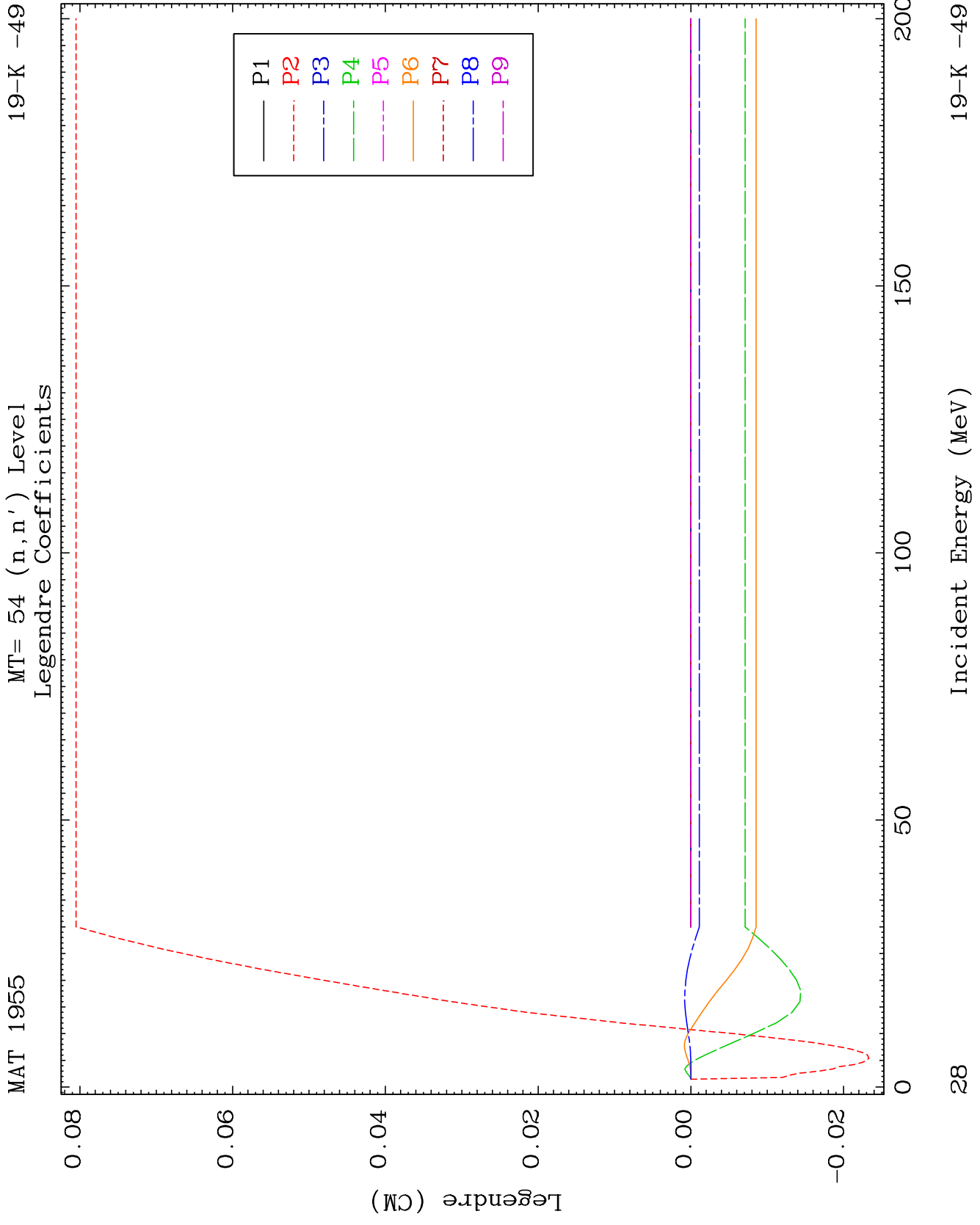
19-K -49



27

Incident Energy (MeV)

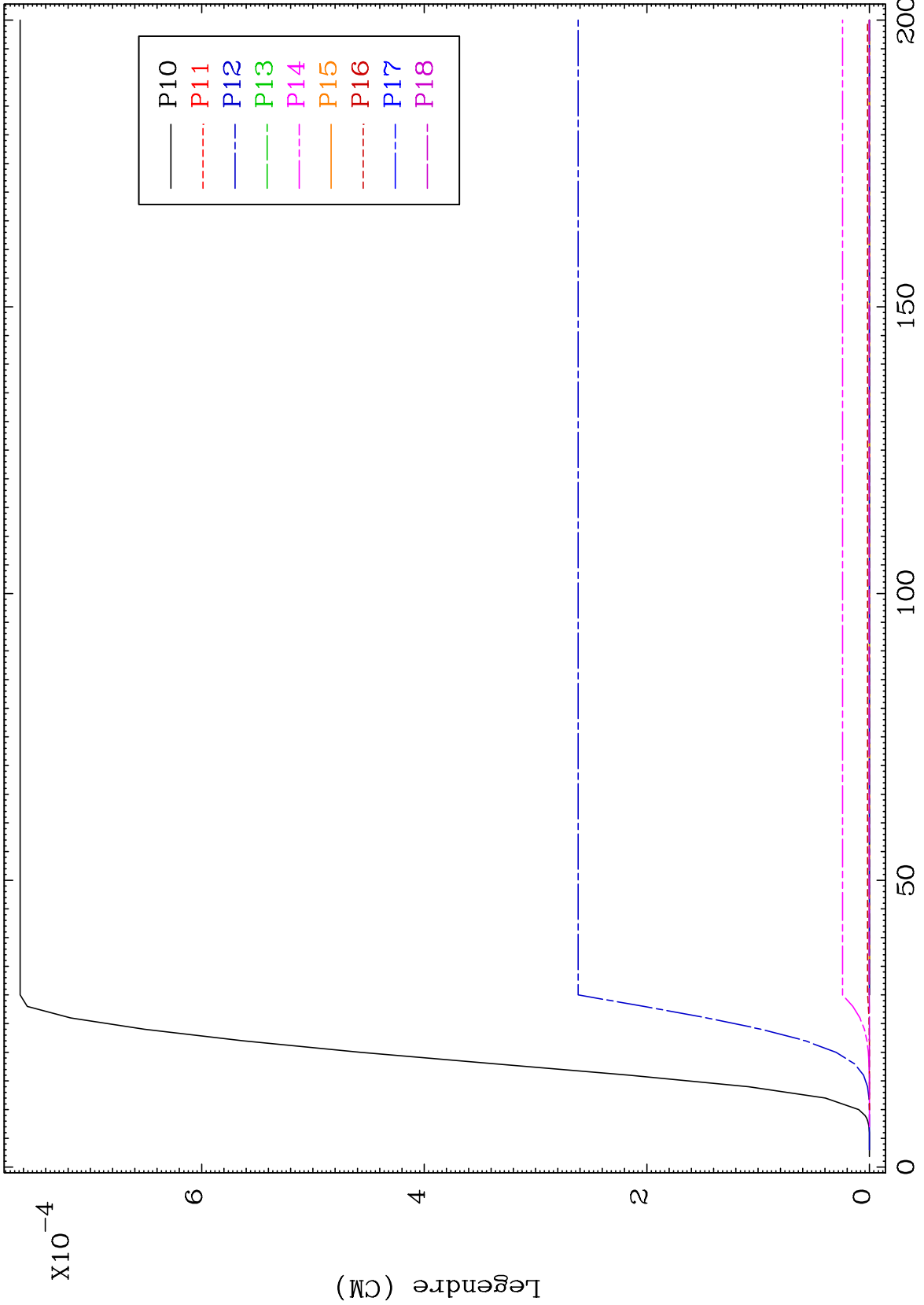
19-K -49



MAT 1955

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

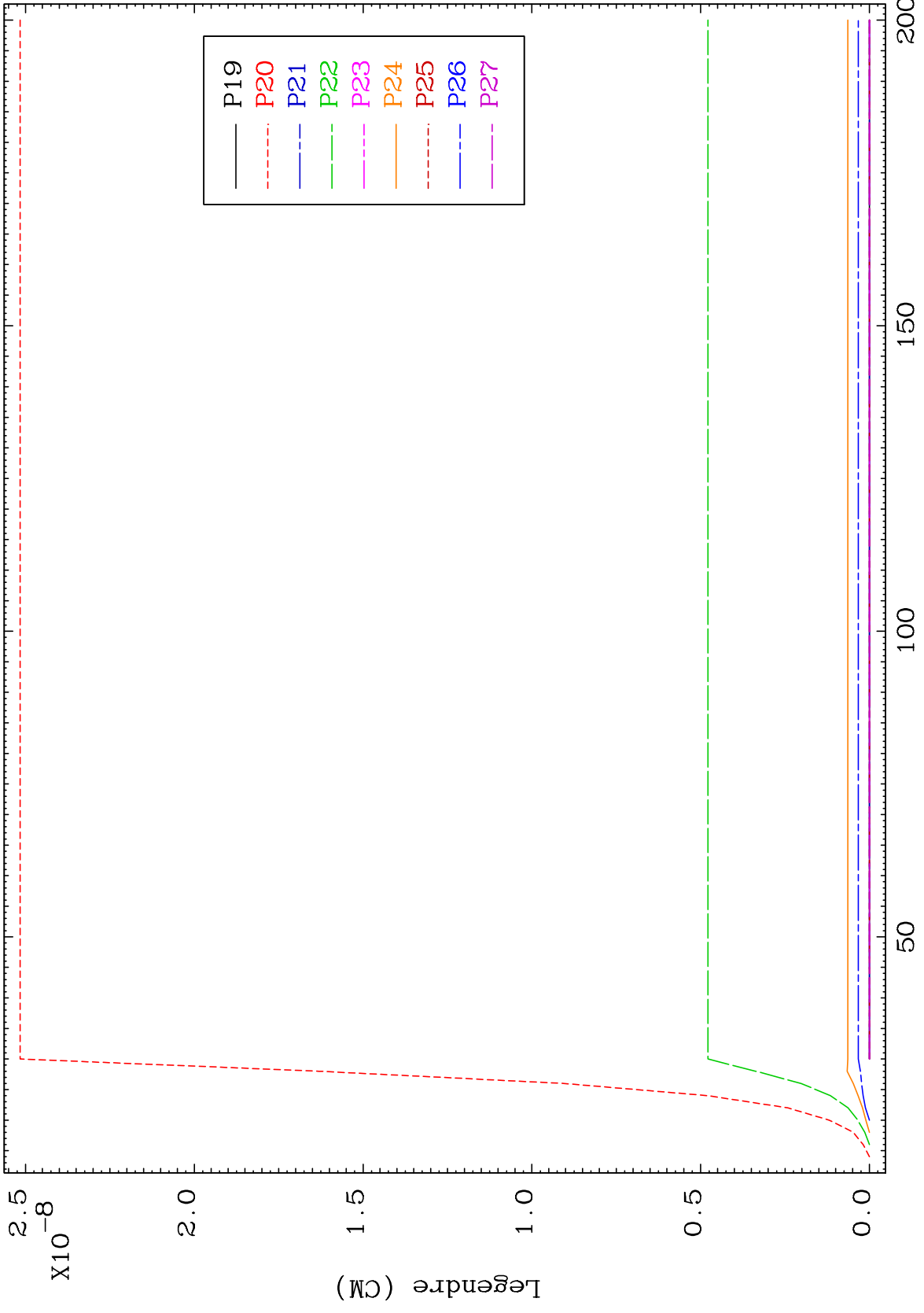
19-K -49



29

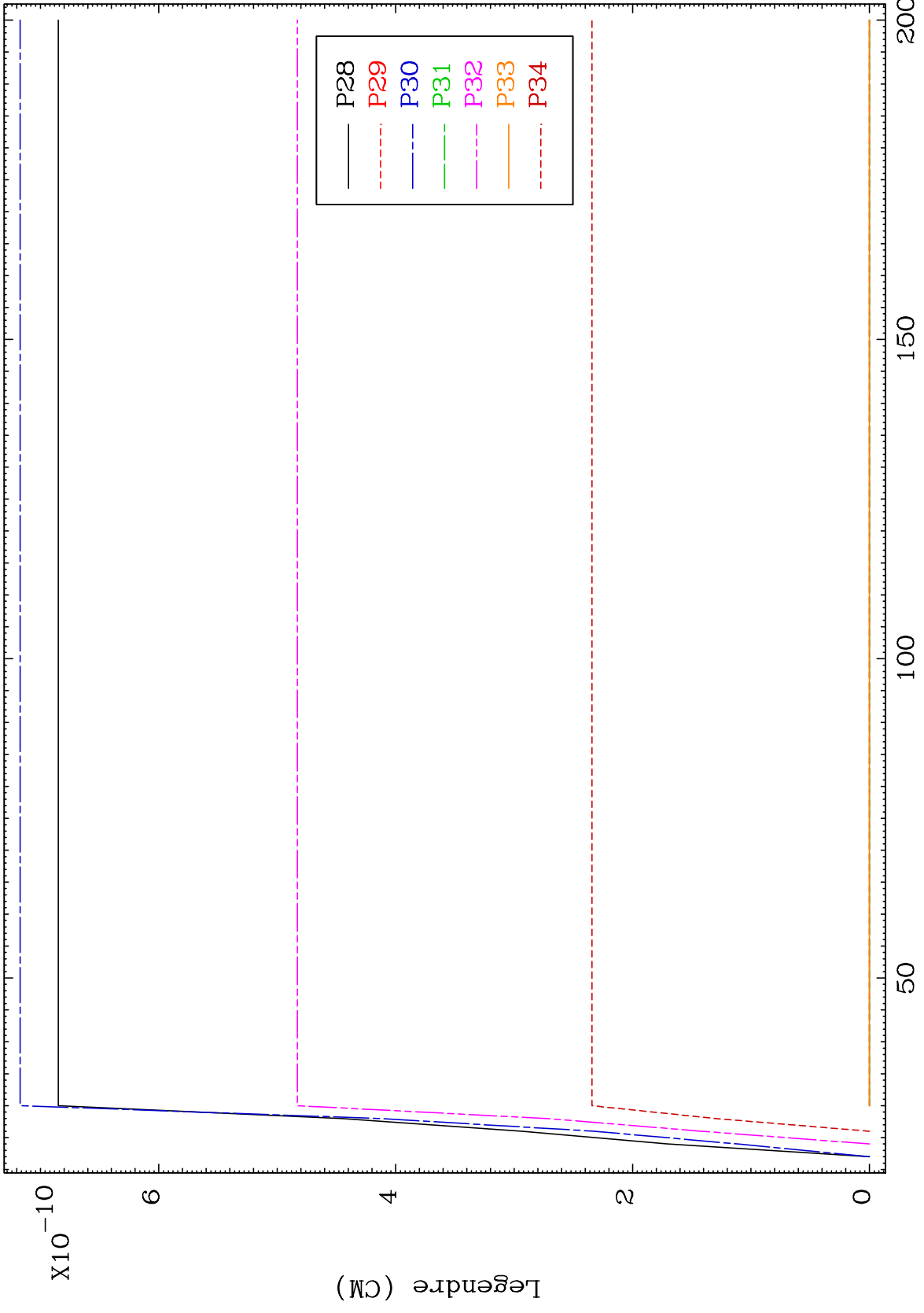
19-K -49

MAT 1955 MT= 54 (n,n') Level Legendre Coefficients 19-K -49



19-K -49

MAT 1955 MT= 54 (n,n') Level Legendre Coefficients 19-K -49



31 19-K -49

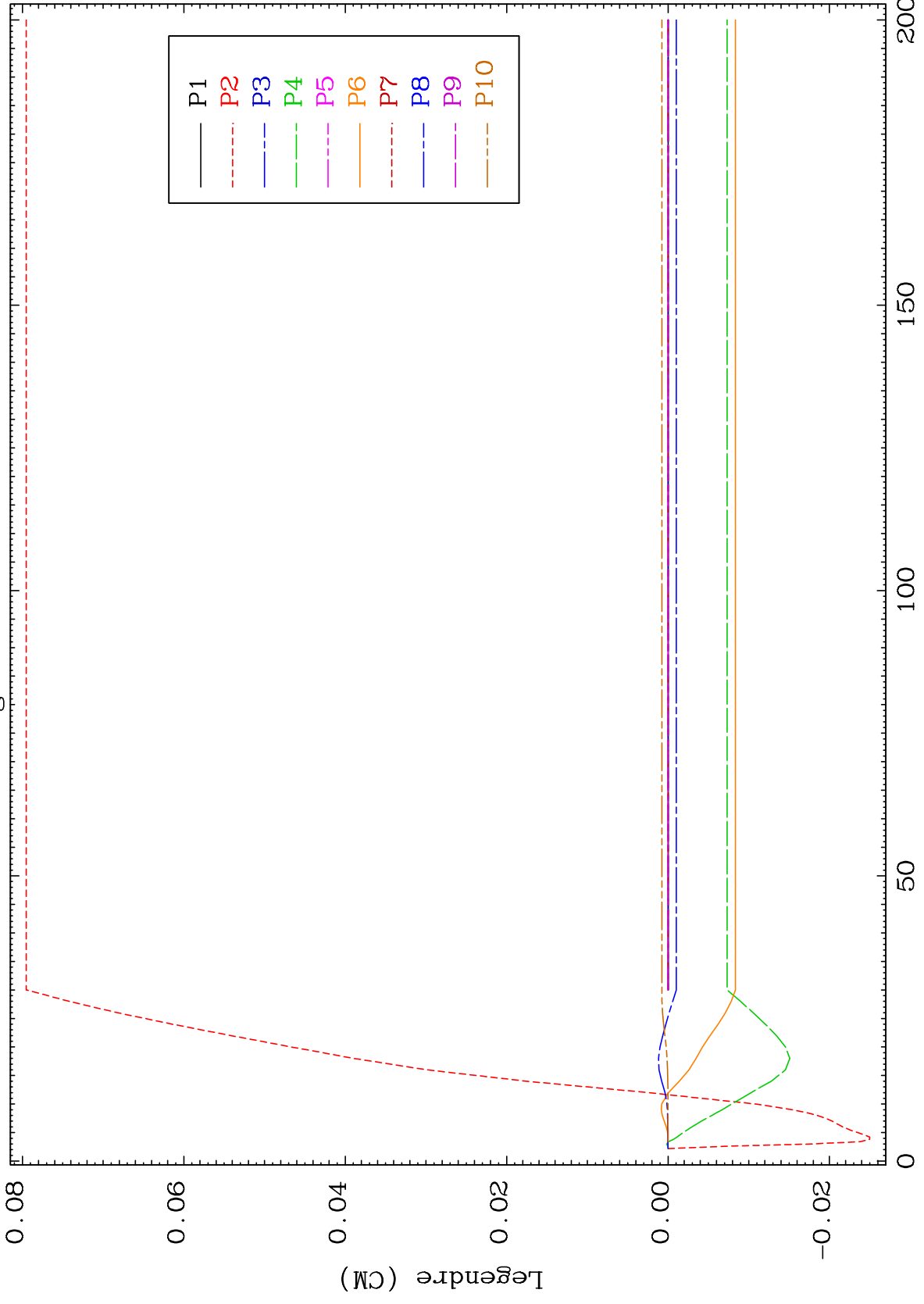
MAT 1955 MT= 55 (n,n') Level Legendre Coefficients

19-K -49

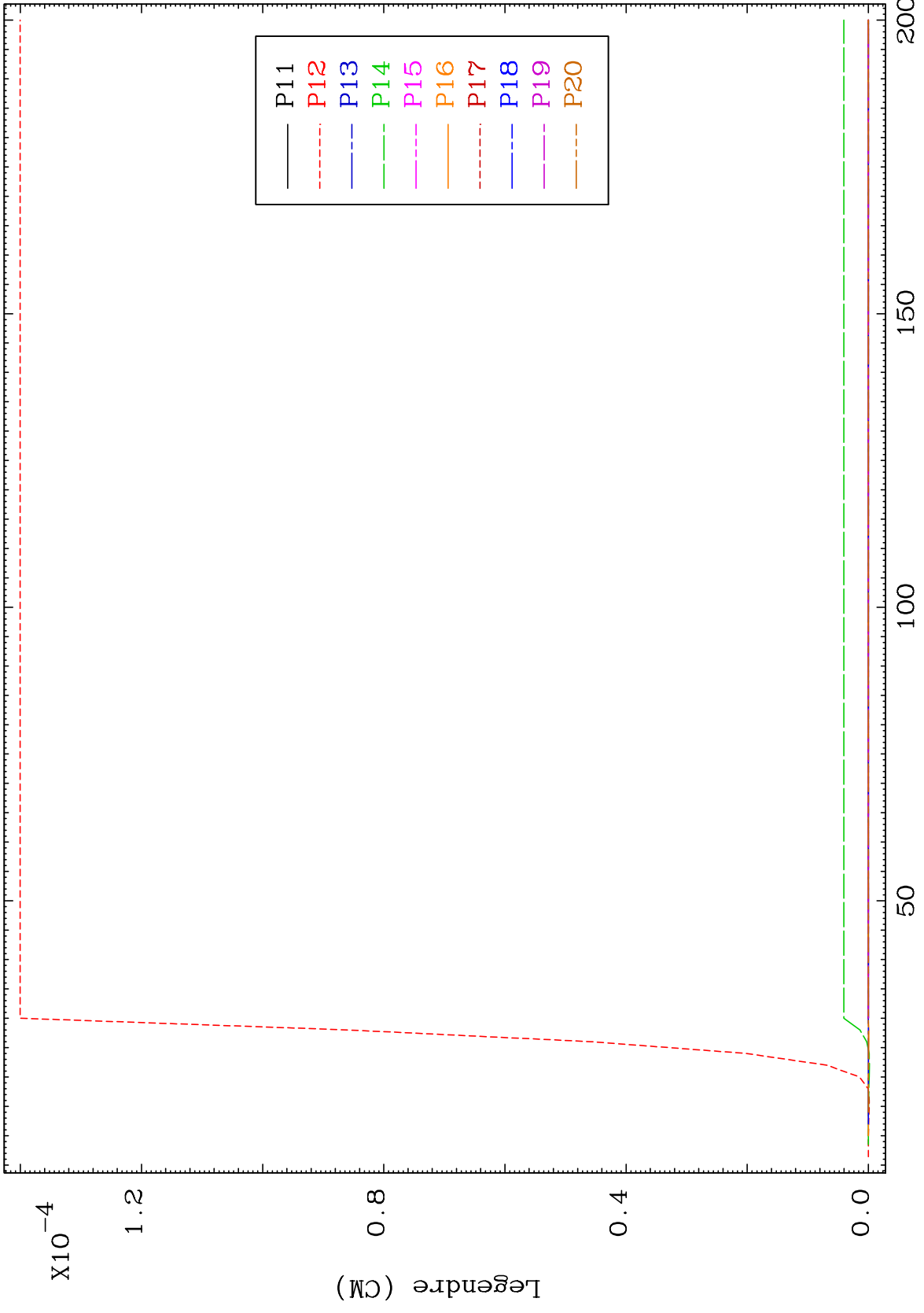
19-K -49

Incident Energy (MeV)

32



MAT 1955 MT= 55 (n,n') Level Legendre Coefficients 19-K -49

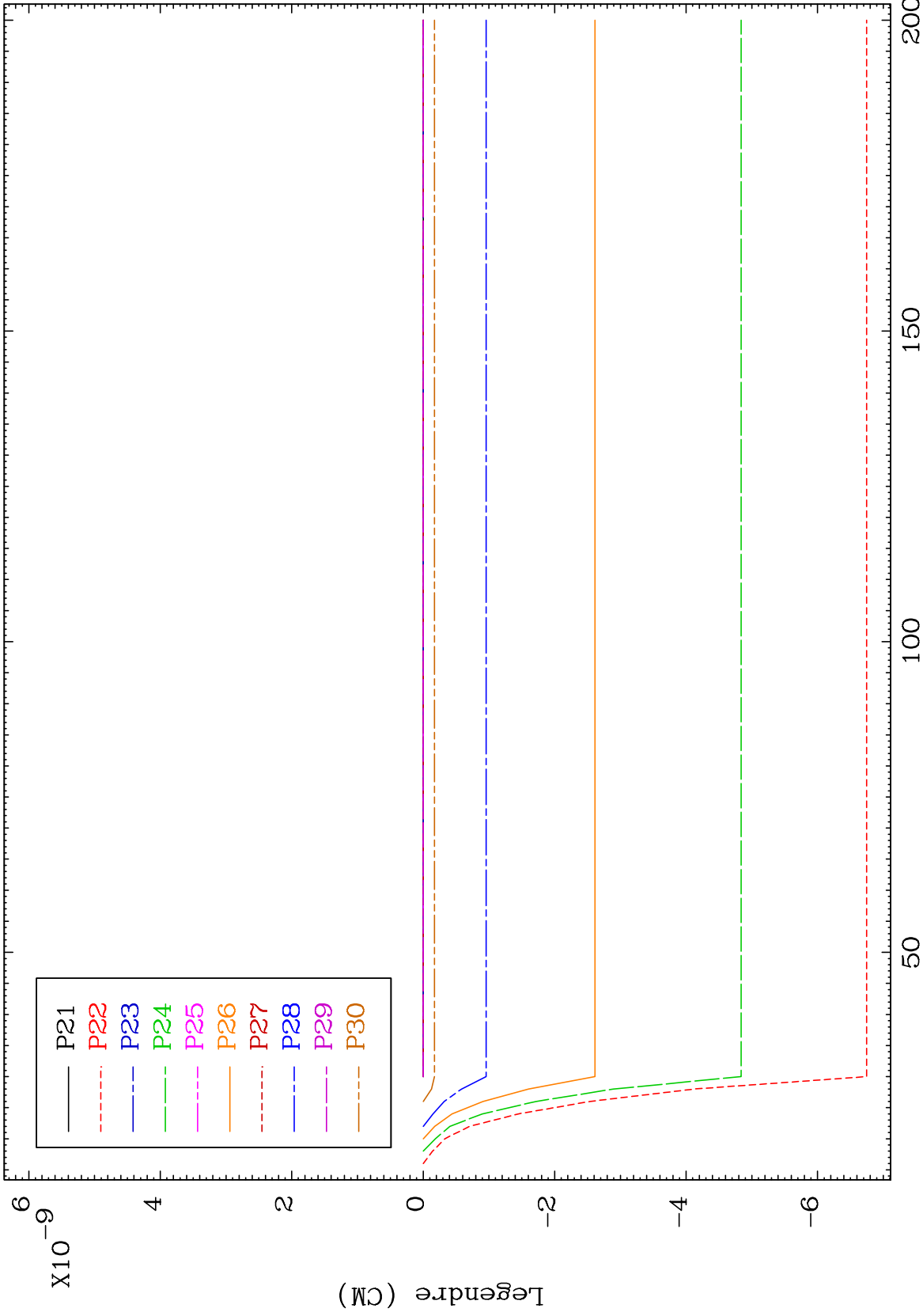


33 19-K -49

MAT 1955

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

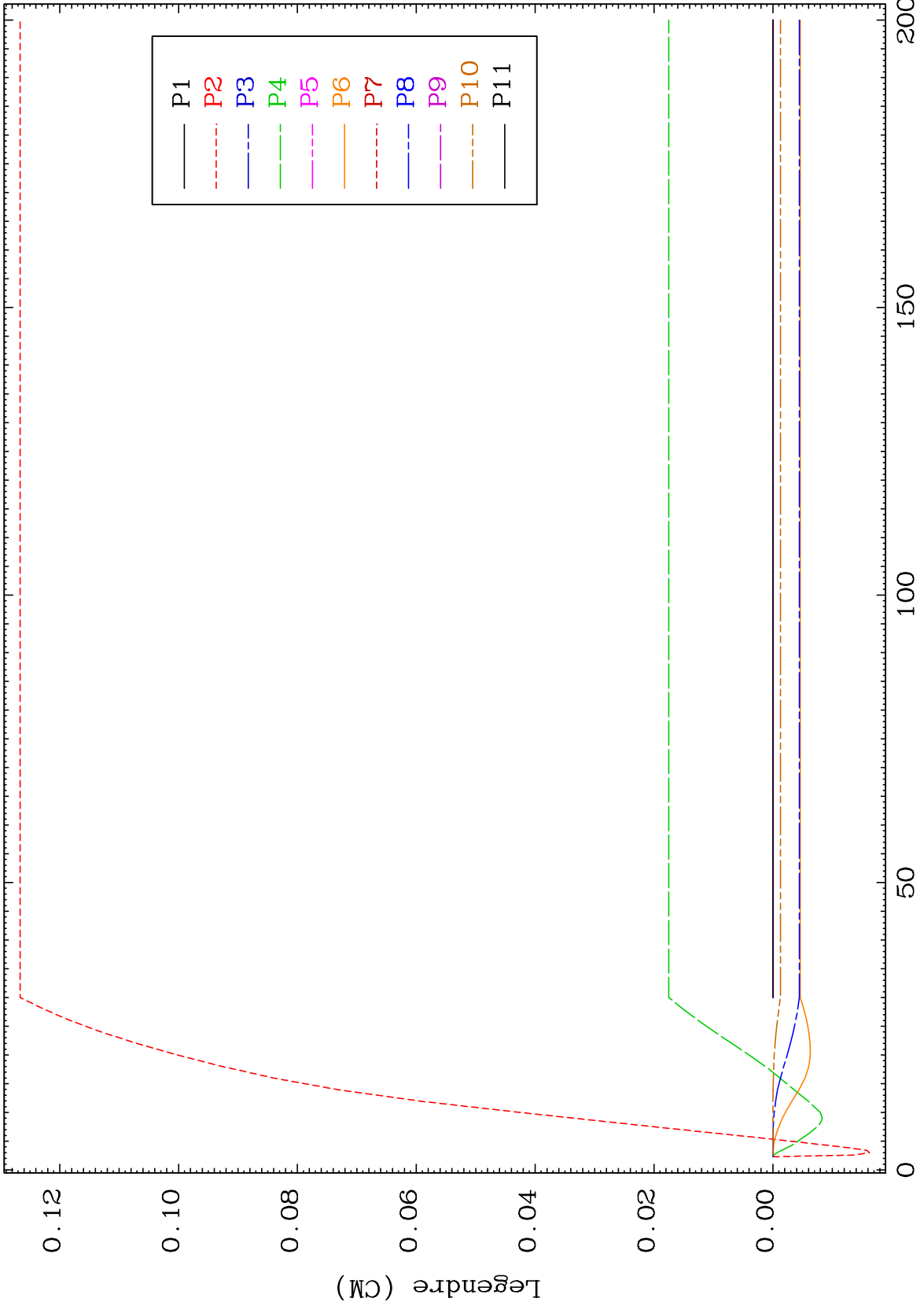
19-K -49



34

19-K -49

MAT 1955 MT= 56 (n,n') Level Legendre Coefficients 19-K -49

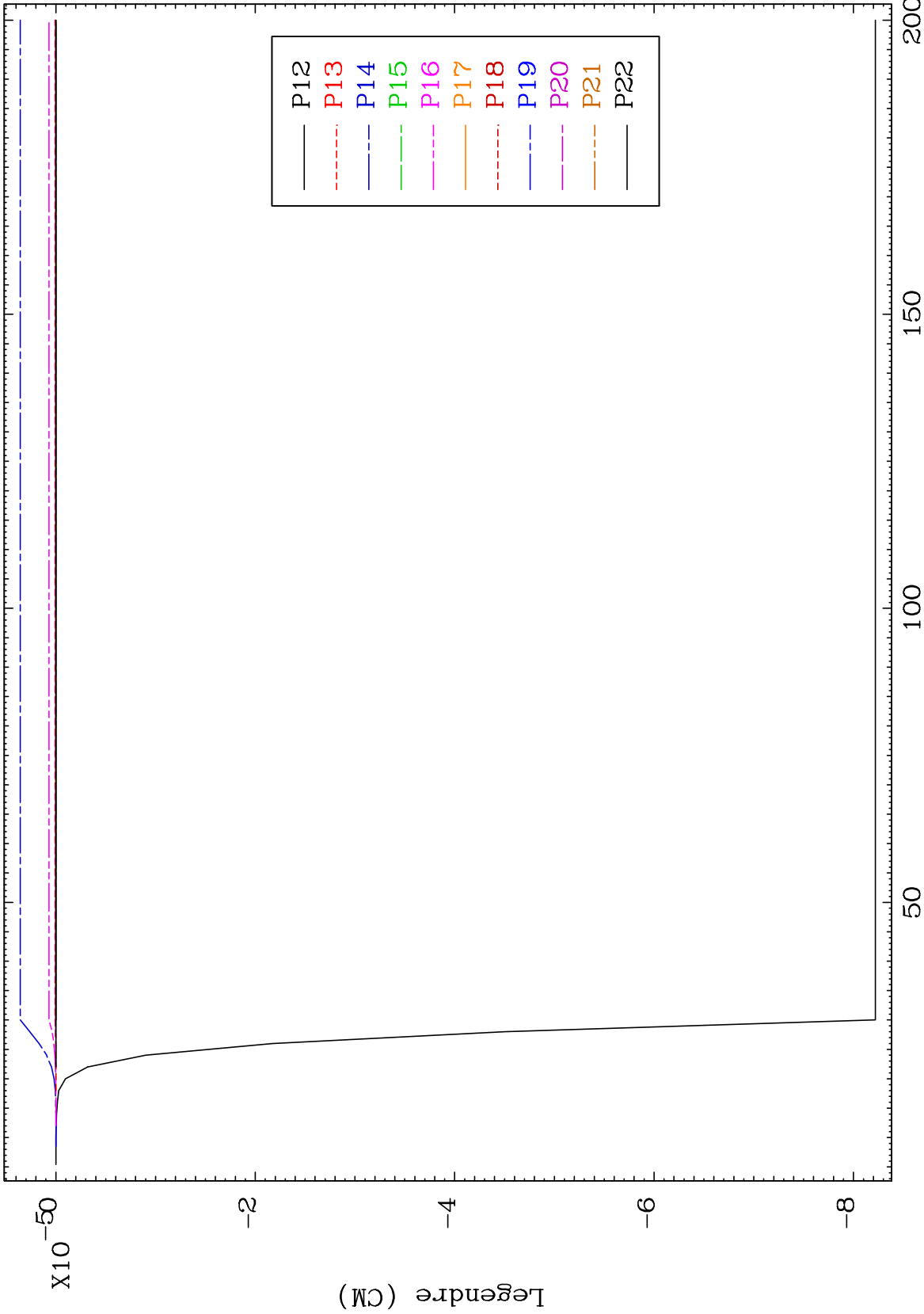


Incident Energy (MeV) 19-K -49

MAT 1955

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

19-K -49



36

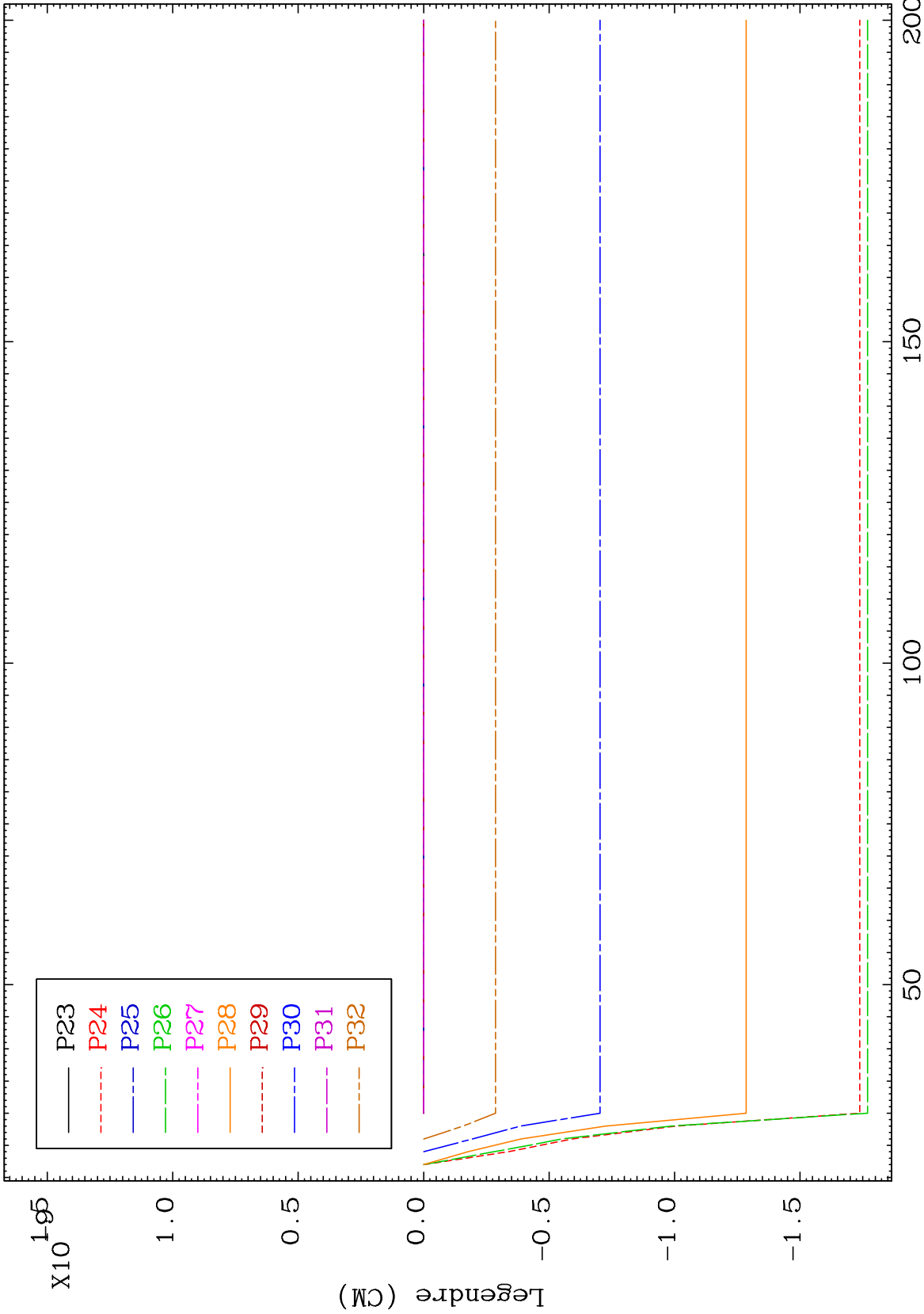
Incident Energy (MeV)

19-K -49

MAT 1955

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

19-K -49



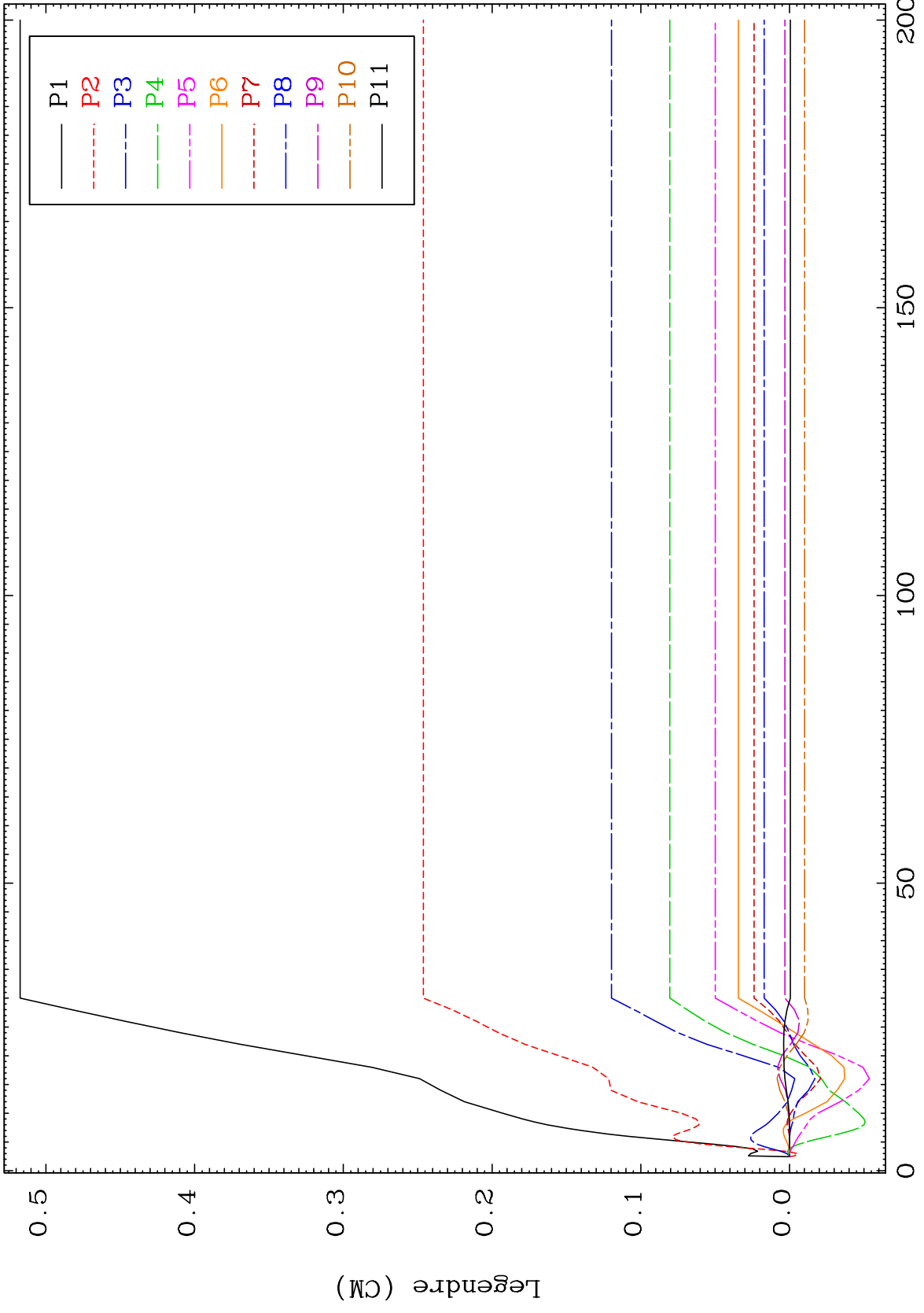
37

19-K -49

MAT 1955

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

19-K -49



38

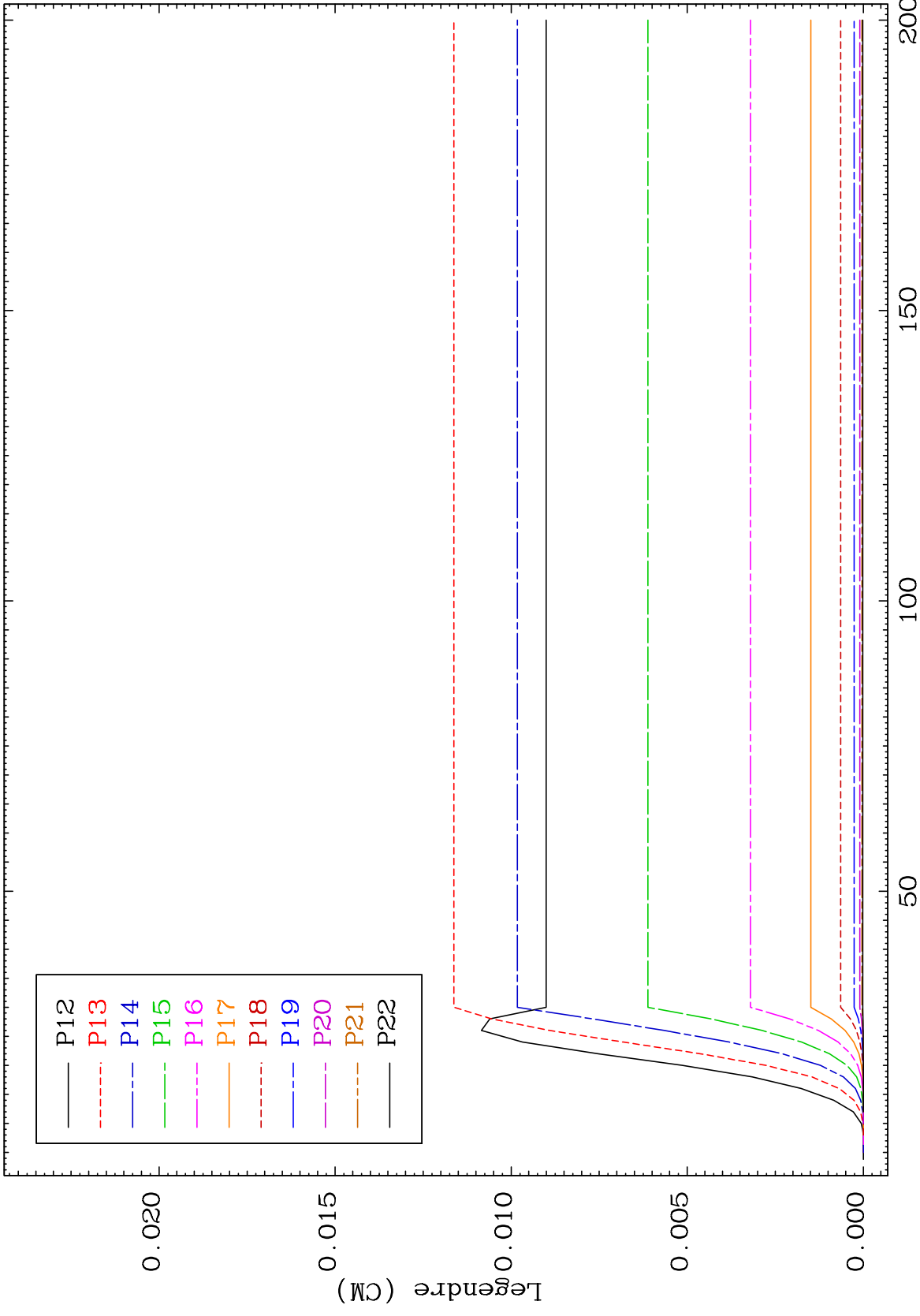
Incident Energy (MeV)

19-K -49

MAT 1955

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

19-K -49



39

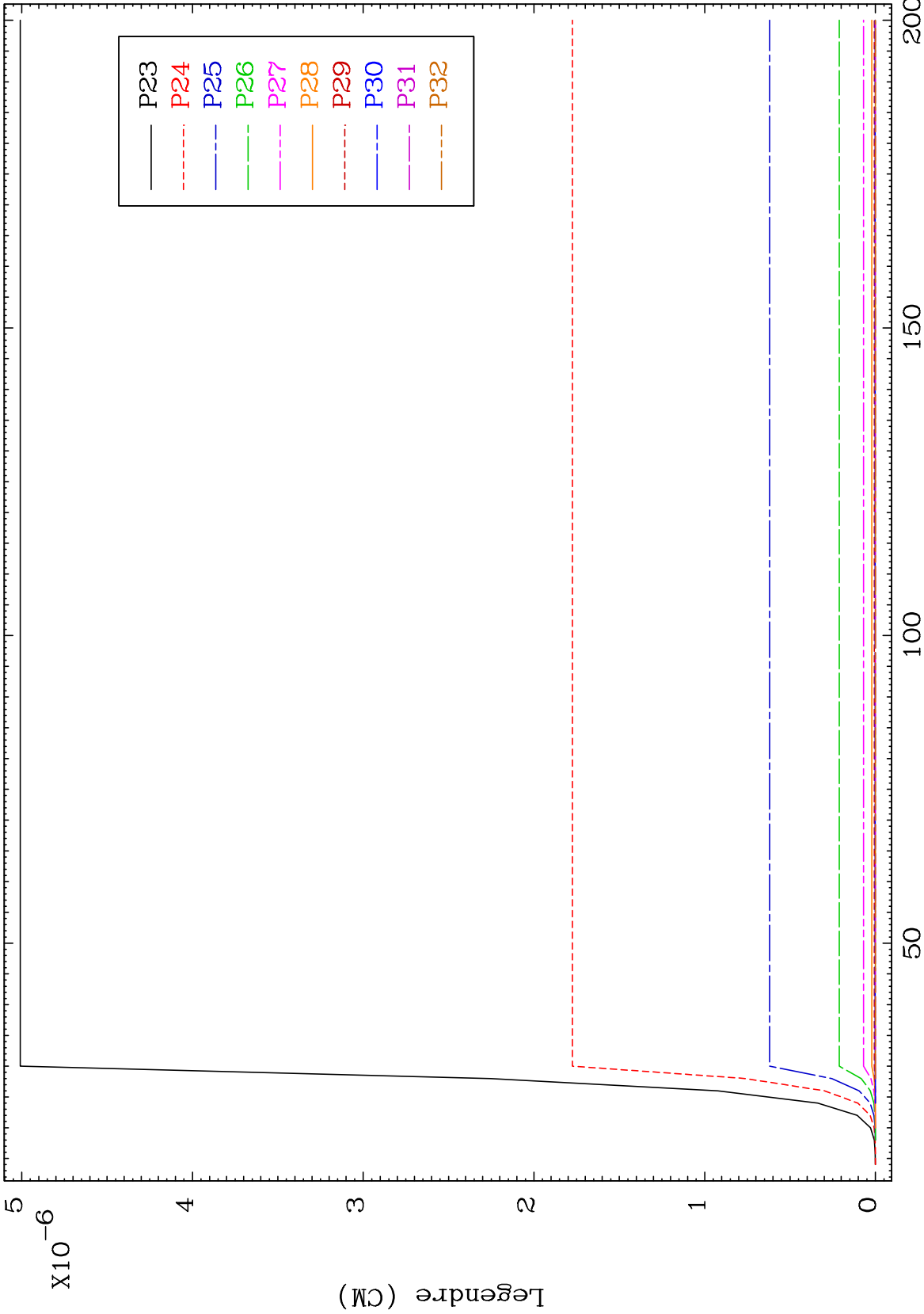
Incident Energy (MeV)

19-K -49

MAT 1955

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

19-K -49

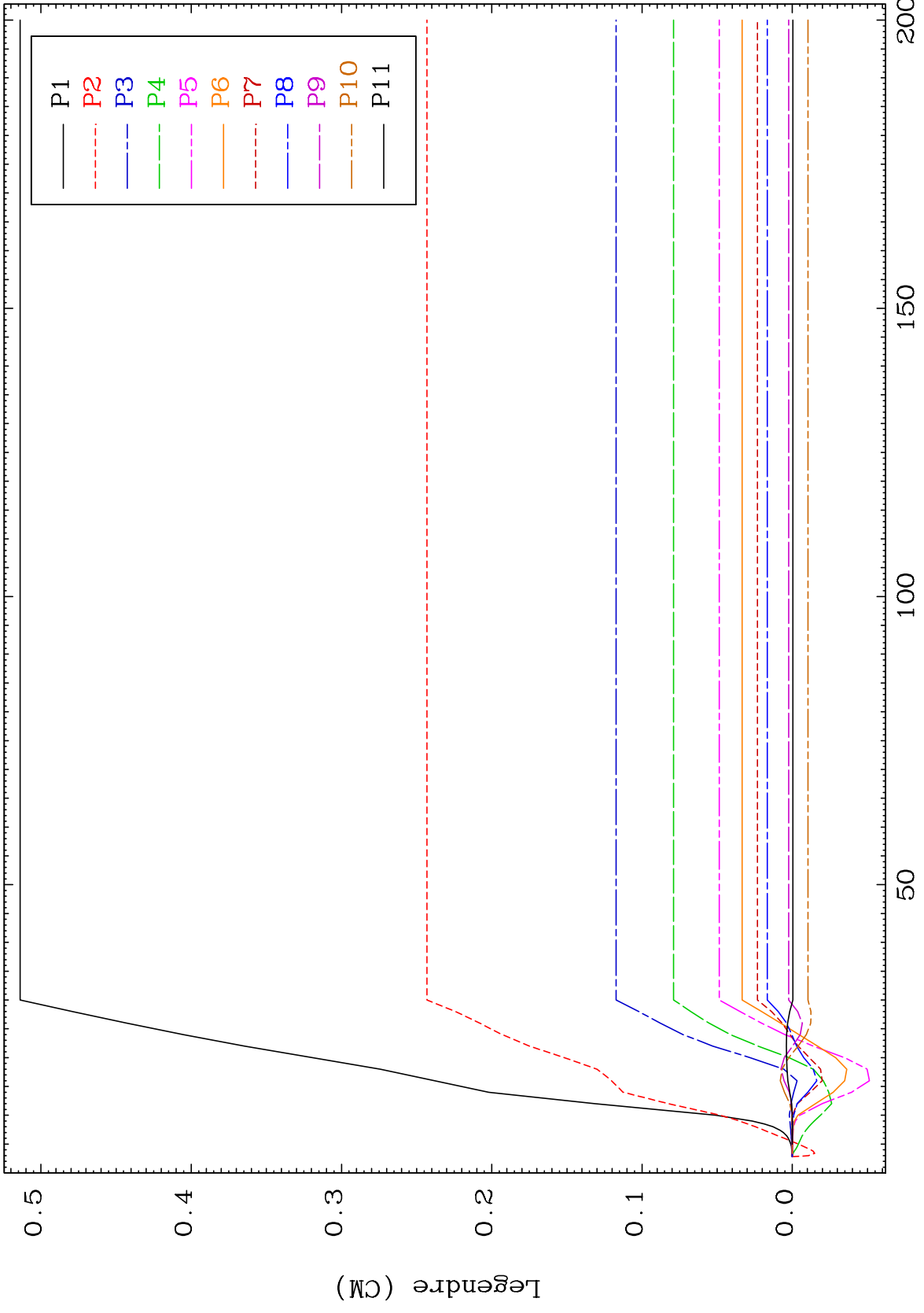


40

Incident Energy (MeV)

19-K -49

MAT 1955 MT= 58 (n,n') Level Legendre Coefficients 19-K -49

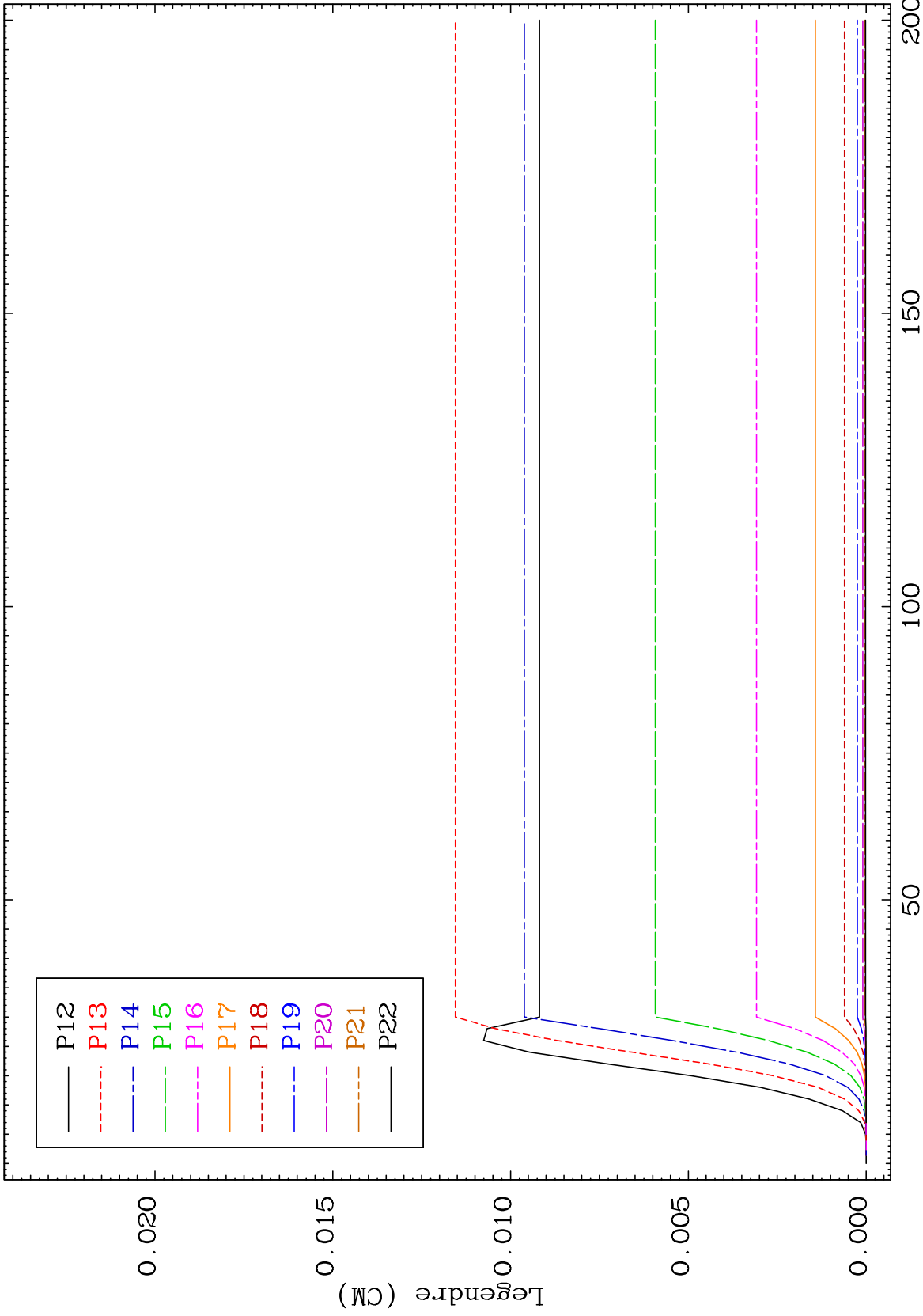


41 19-K -49

MAT 1955

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

19-K -49



42

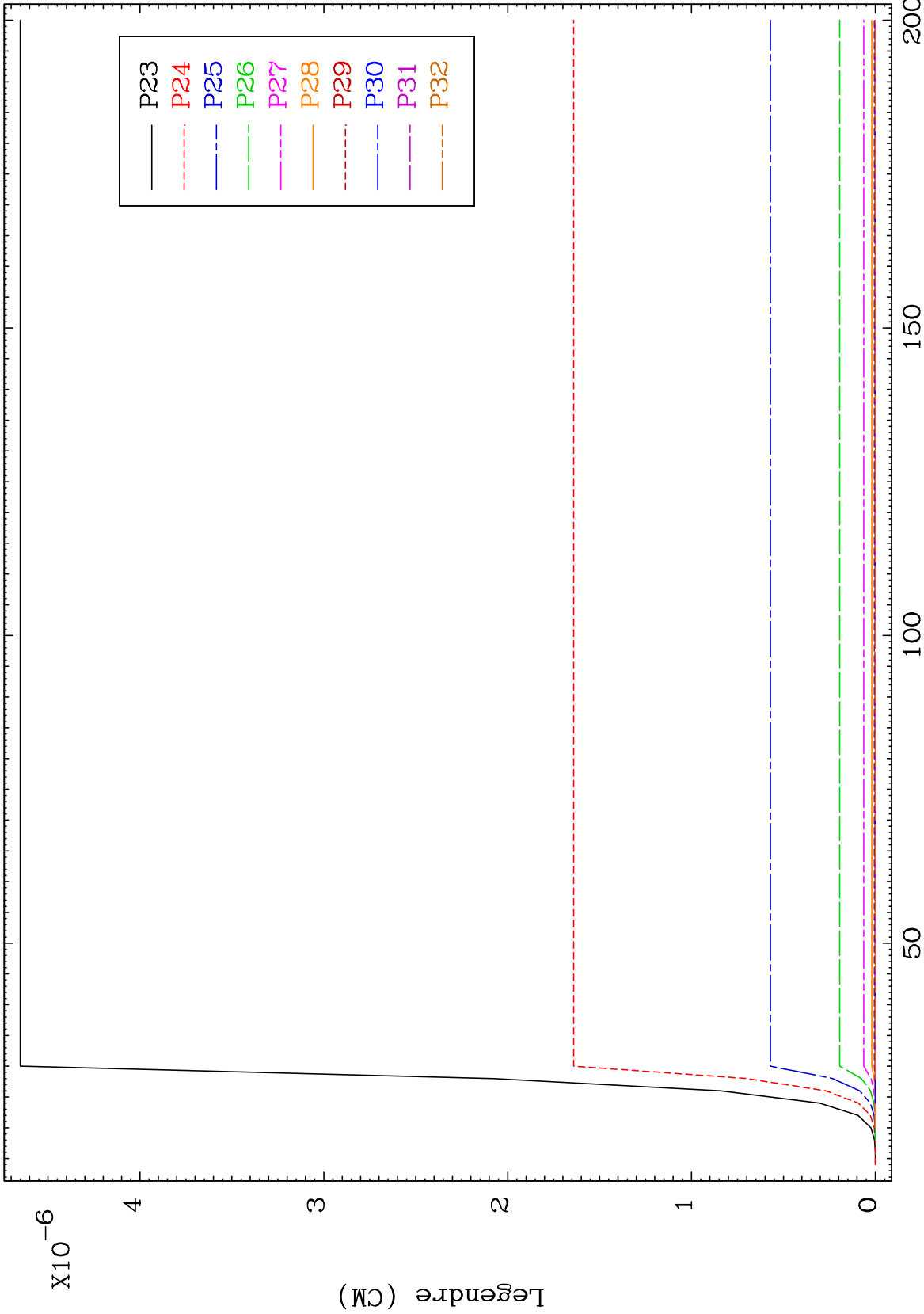
Incident Energy (MeV)

19-K -49

MAT 1955

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

19-K -49



43

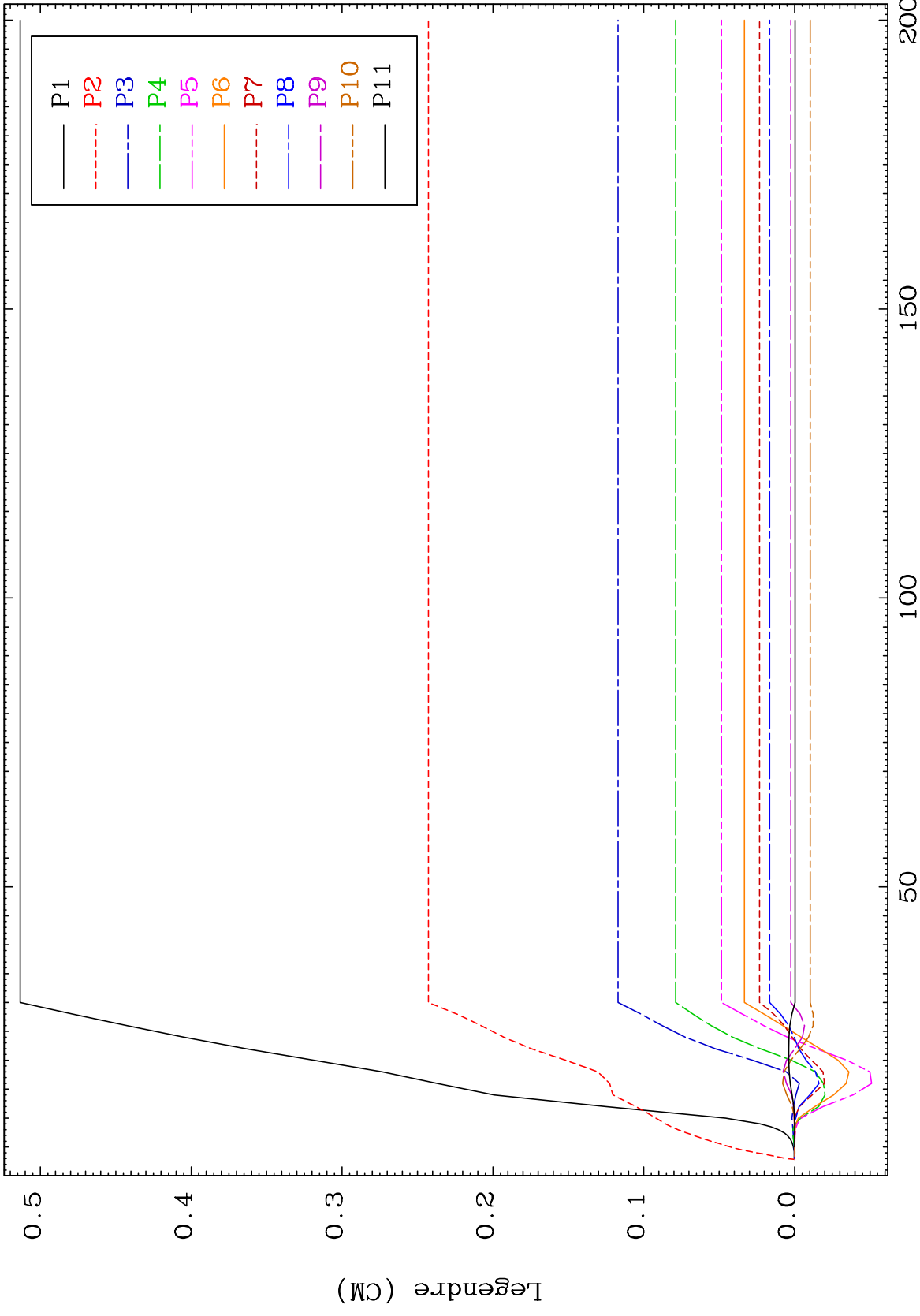
Incident Energy (MeV)

19-K -49

MAT 1955

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

19-K -49



44

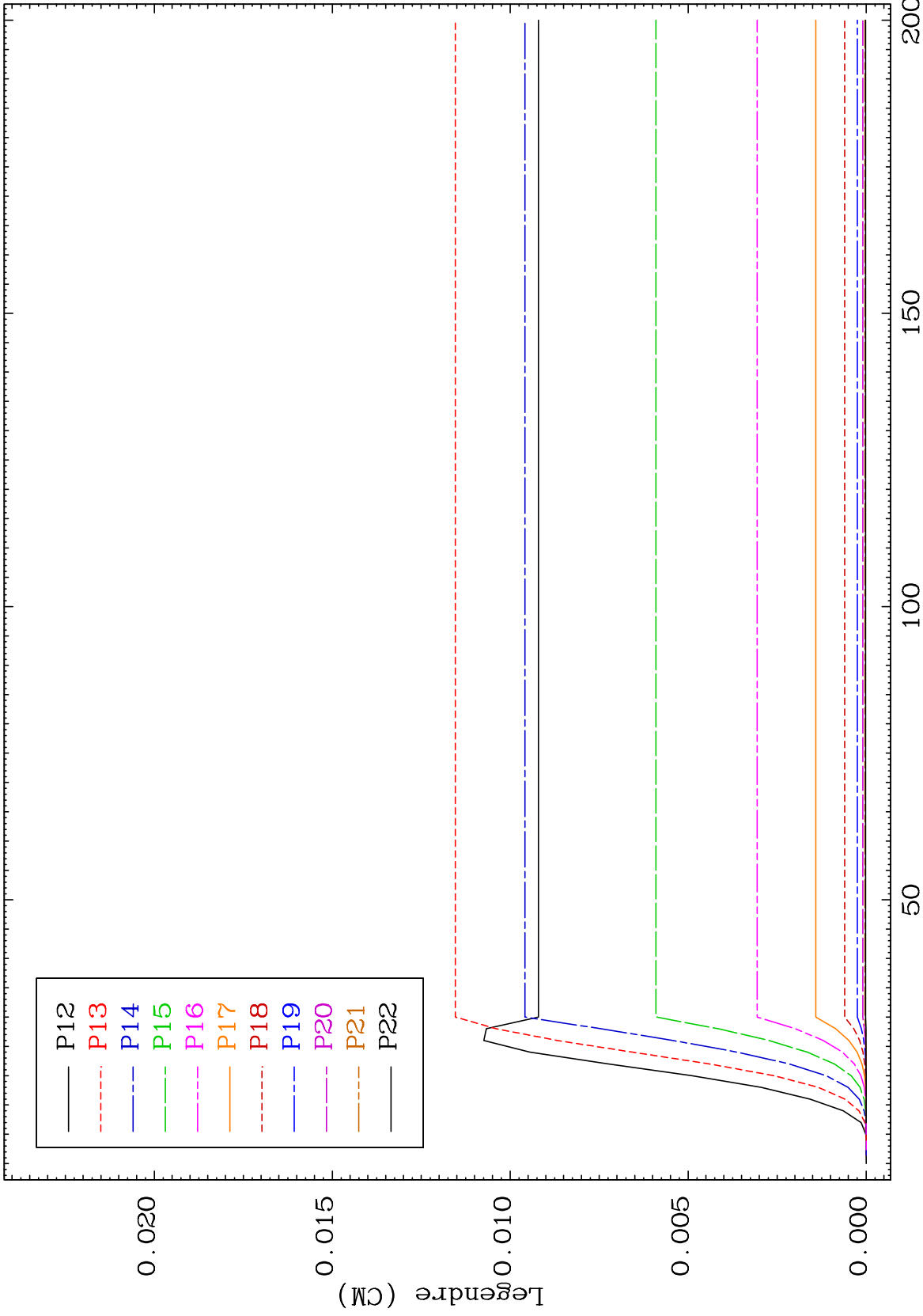
Incident Energy (MeV)

19-K -49

MAT 1955

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

19-K -49



45

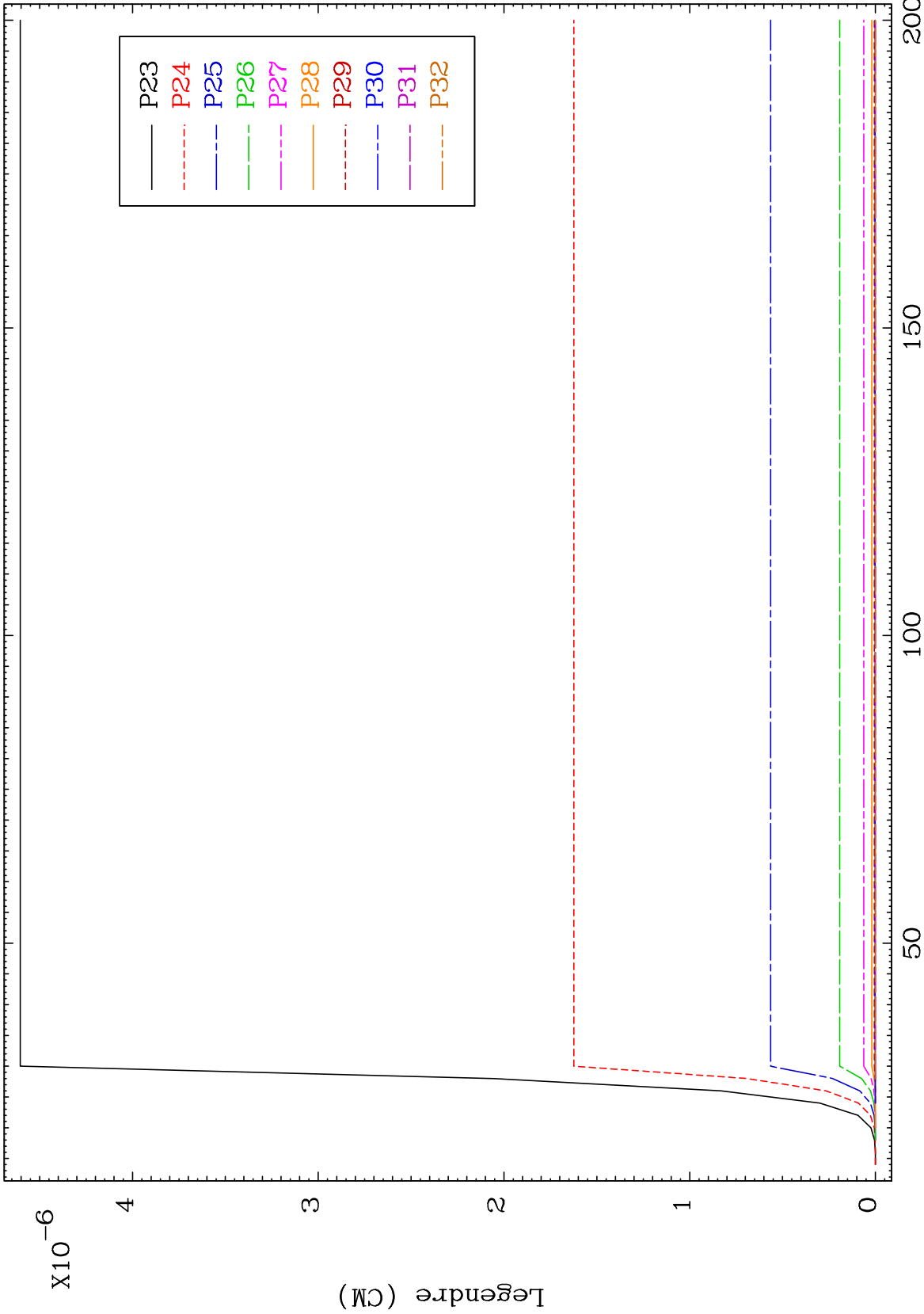
Incident Energy (MeV)

19-K -49

MAT 1955

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

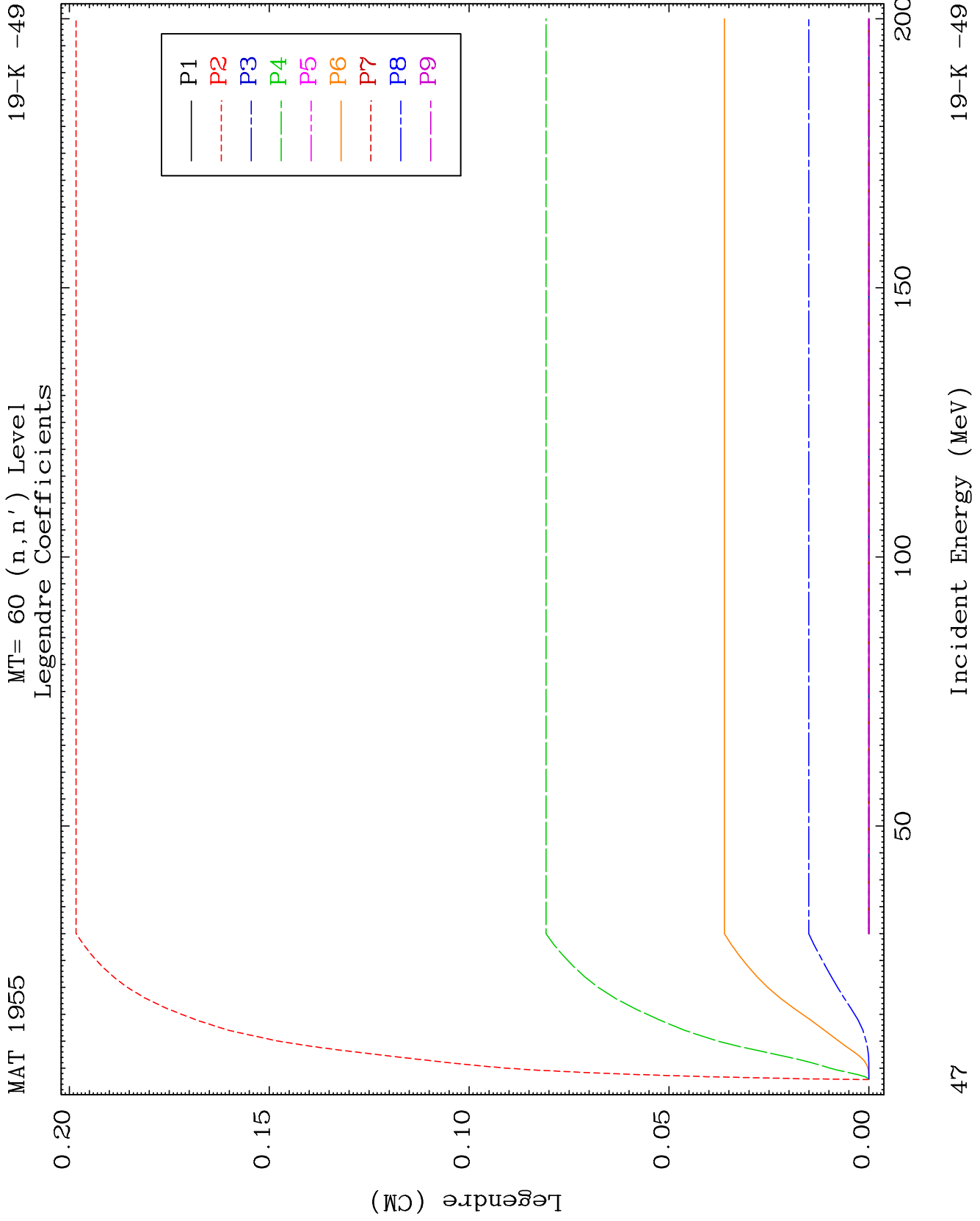
19-K -49



46

Incident Energy (MeV)

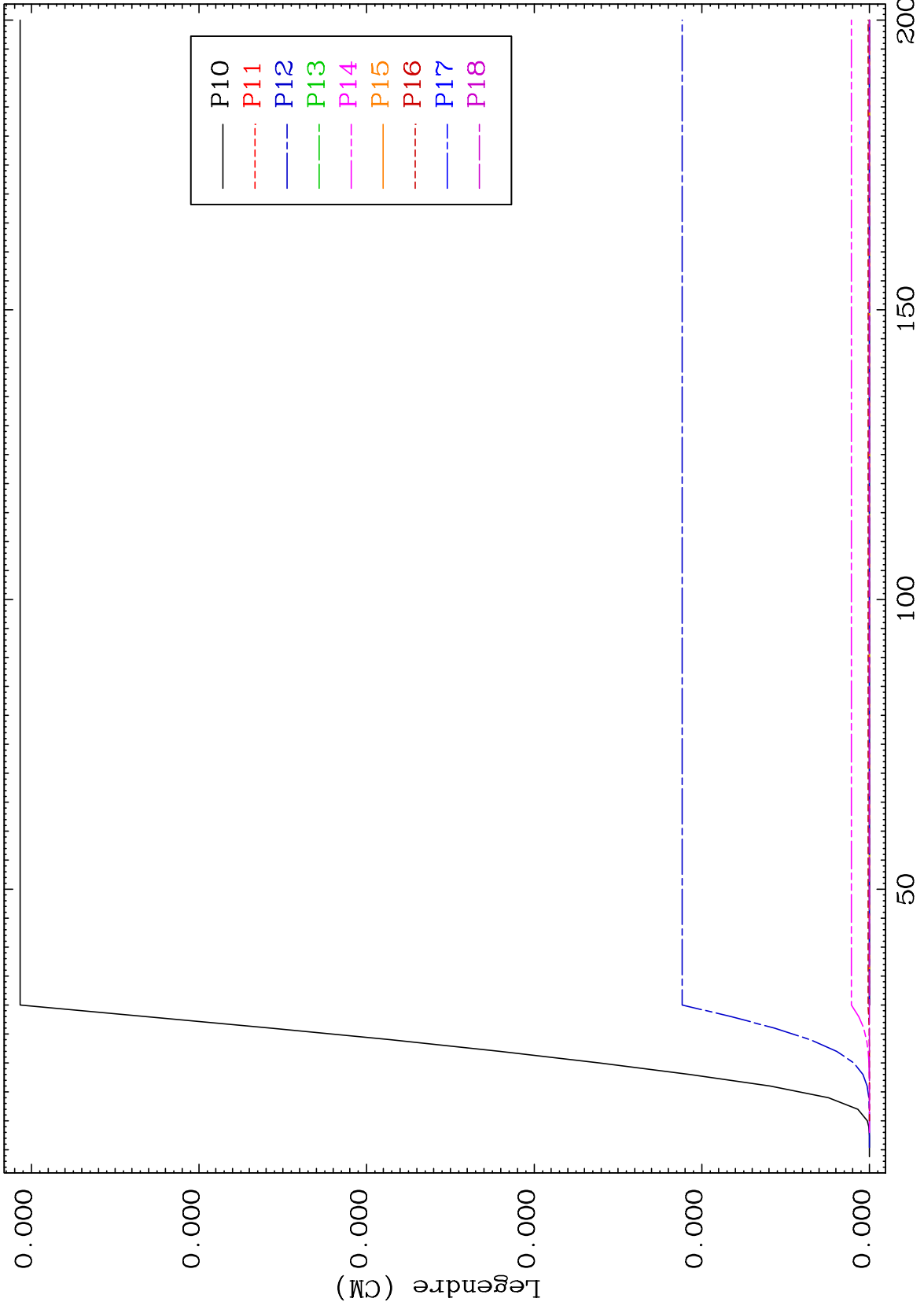
19-K -49



MAT 1955

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

19-K -49

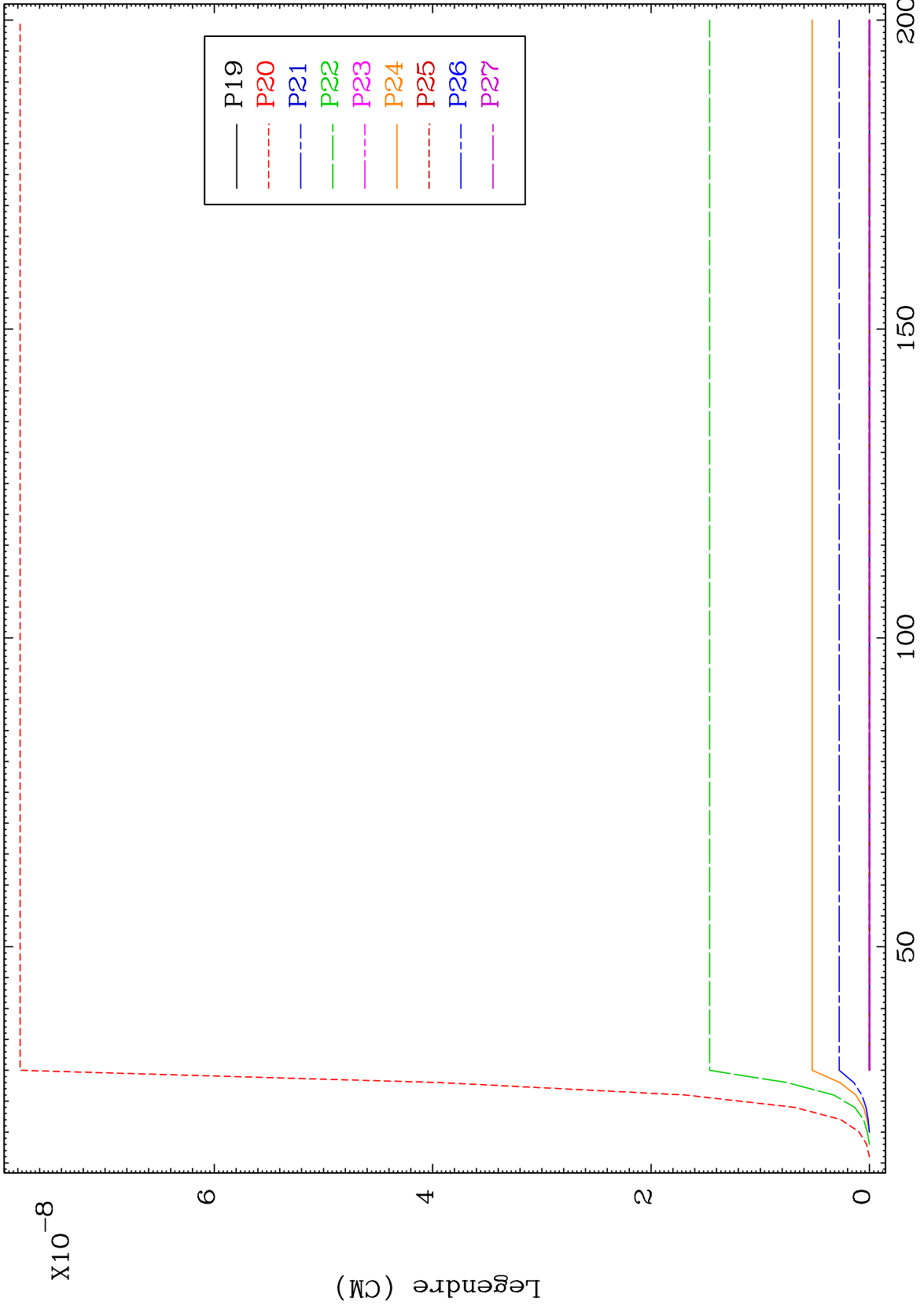


48

Incident Energy (MeV)

19-K -49

MAT 1955 MT= 60 (n,n') Level Legendre Coefficients 19-K -49

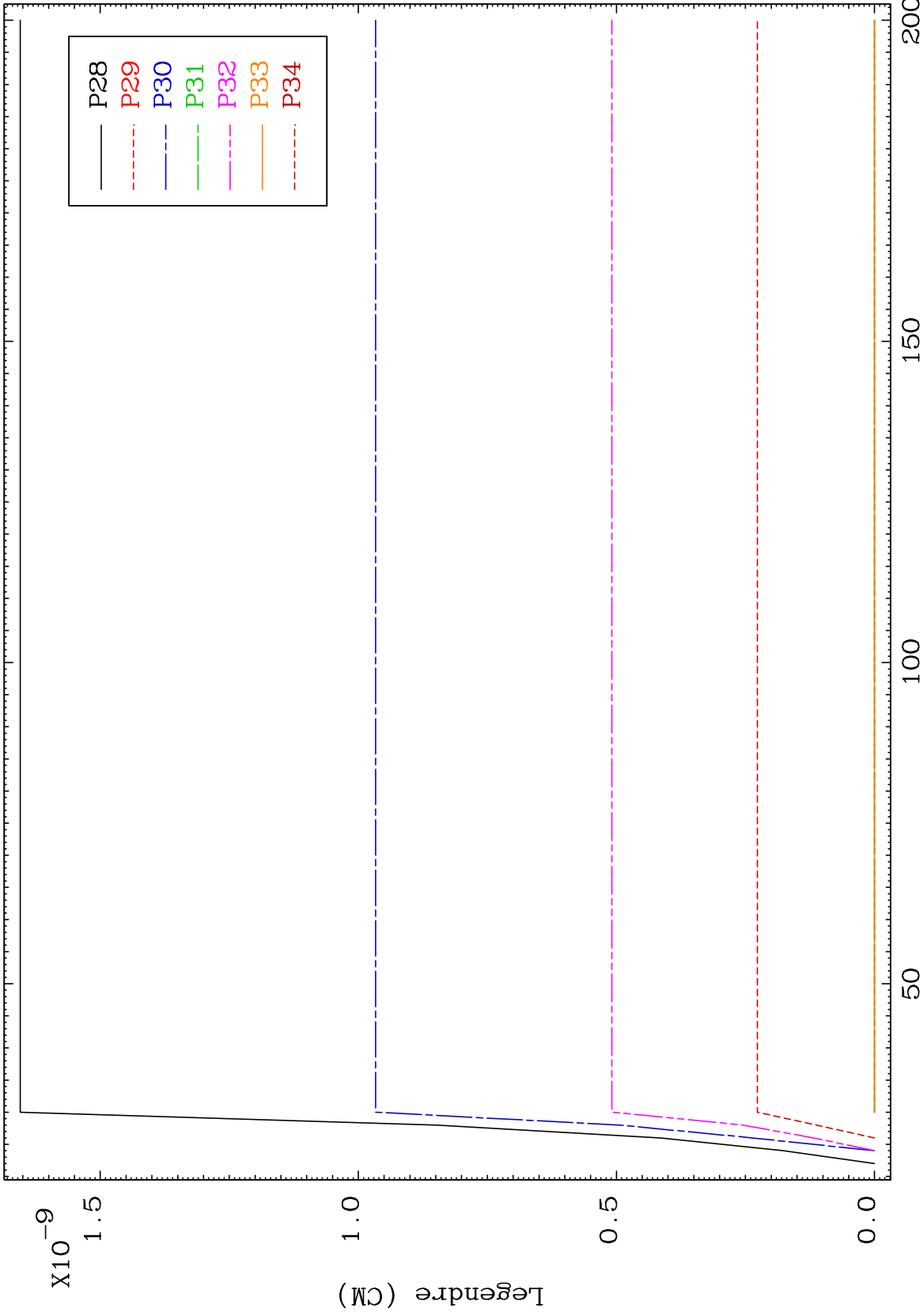


49 50 100 150 200 19-K -49

MAT 1955

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

19-K -49



19-K -49

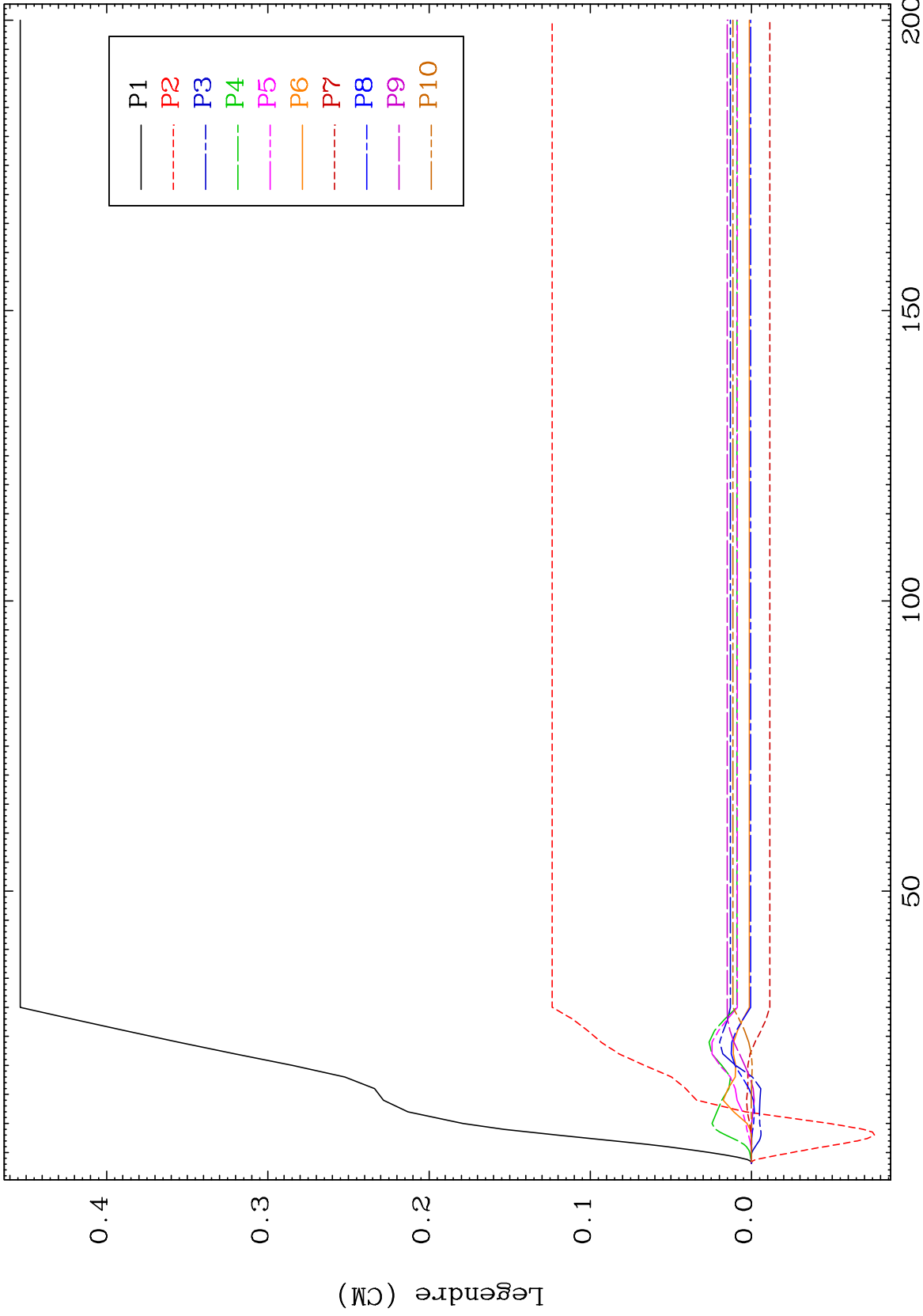
Incident Energy (MeV)

50

MAT 1955

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

19-K -49



51

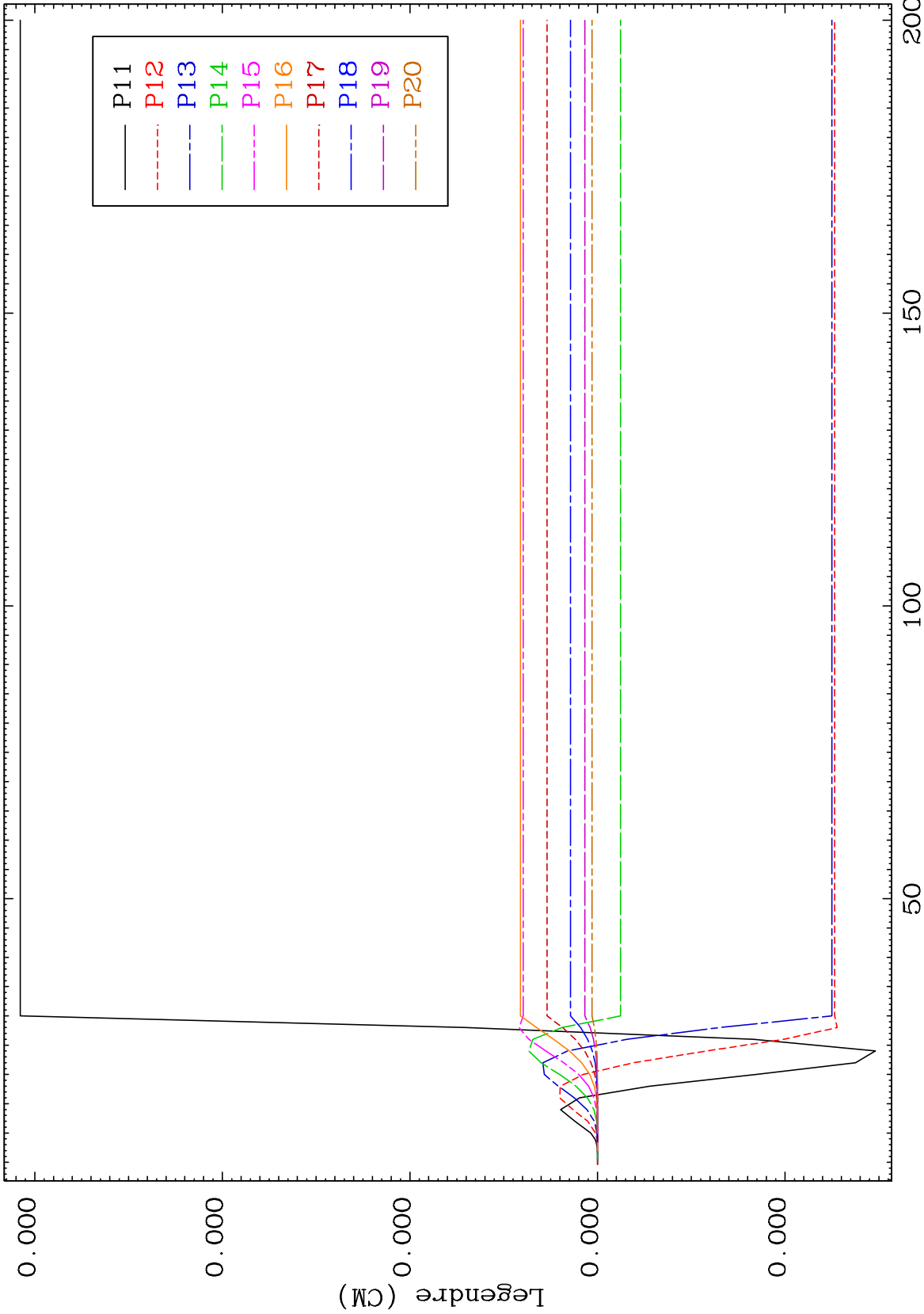
Incident Energy (MeV)

19-K -49

MAT 1955

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

19-K -49



52

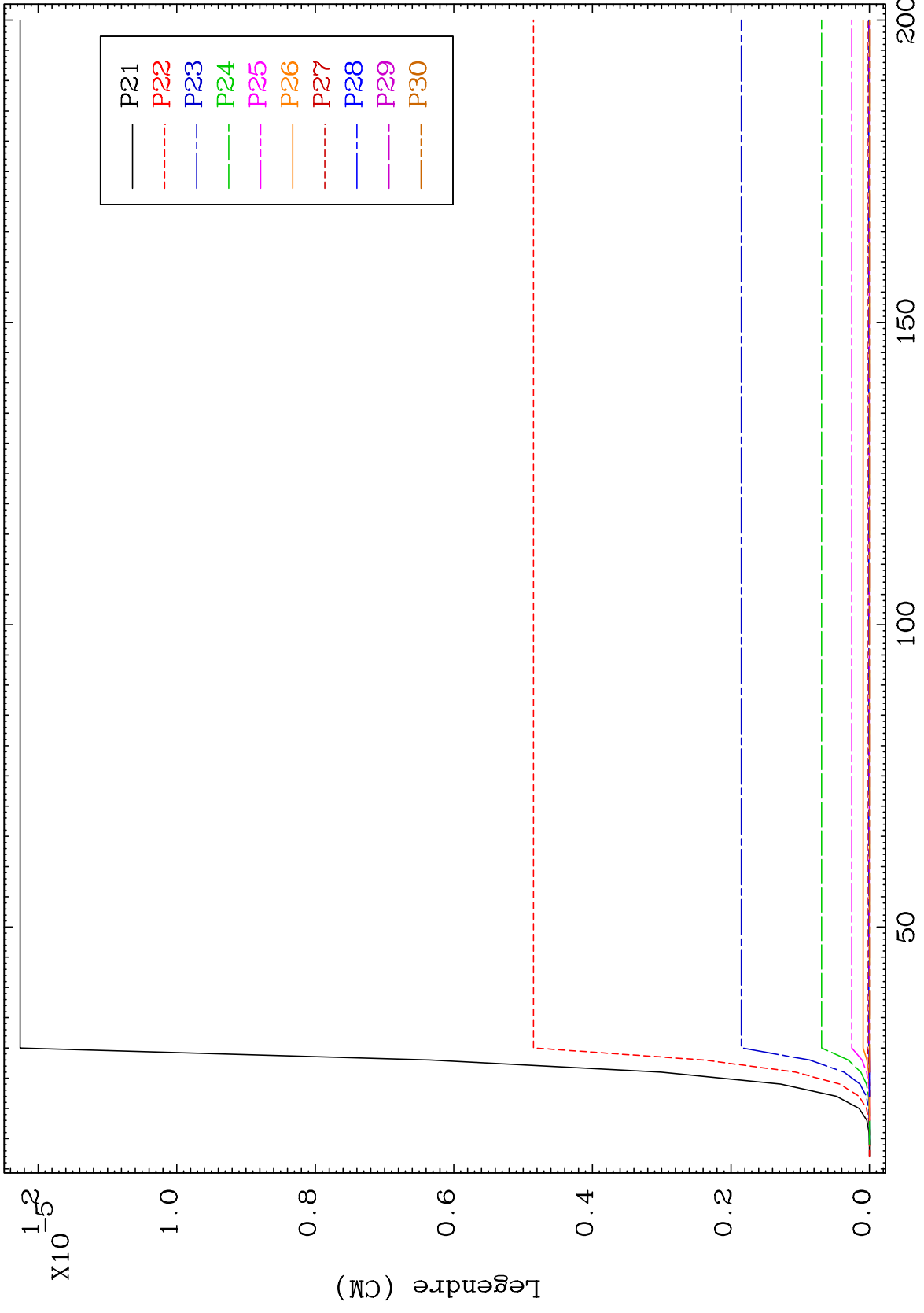
Incident Energy (MeV)

19-K -49

MAT 1955

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

19-K -49

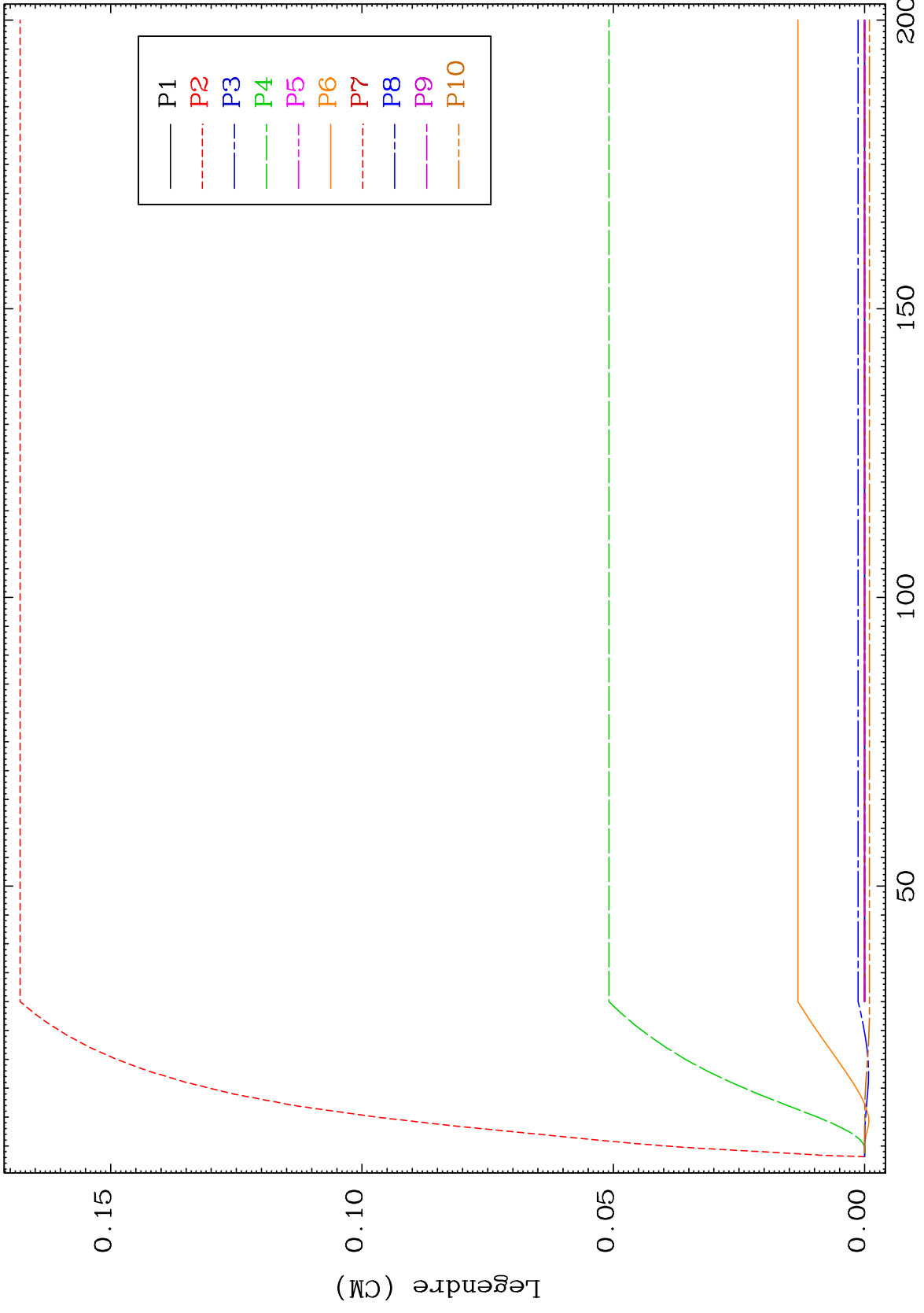


53

Incident Energy (MeV)

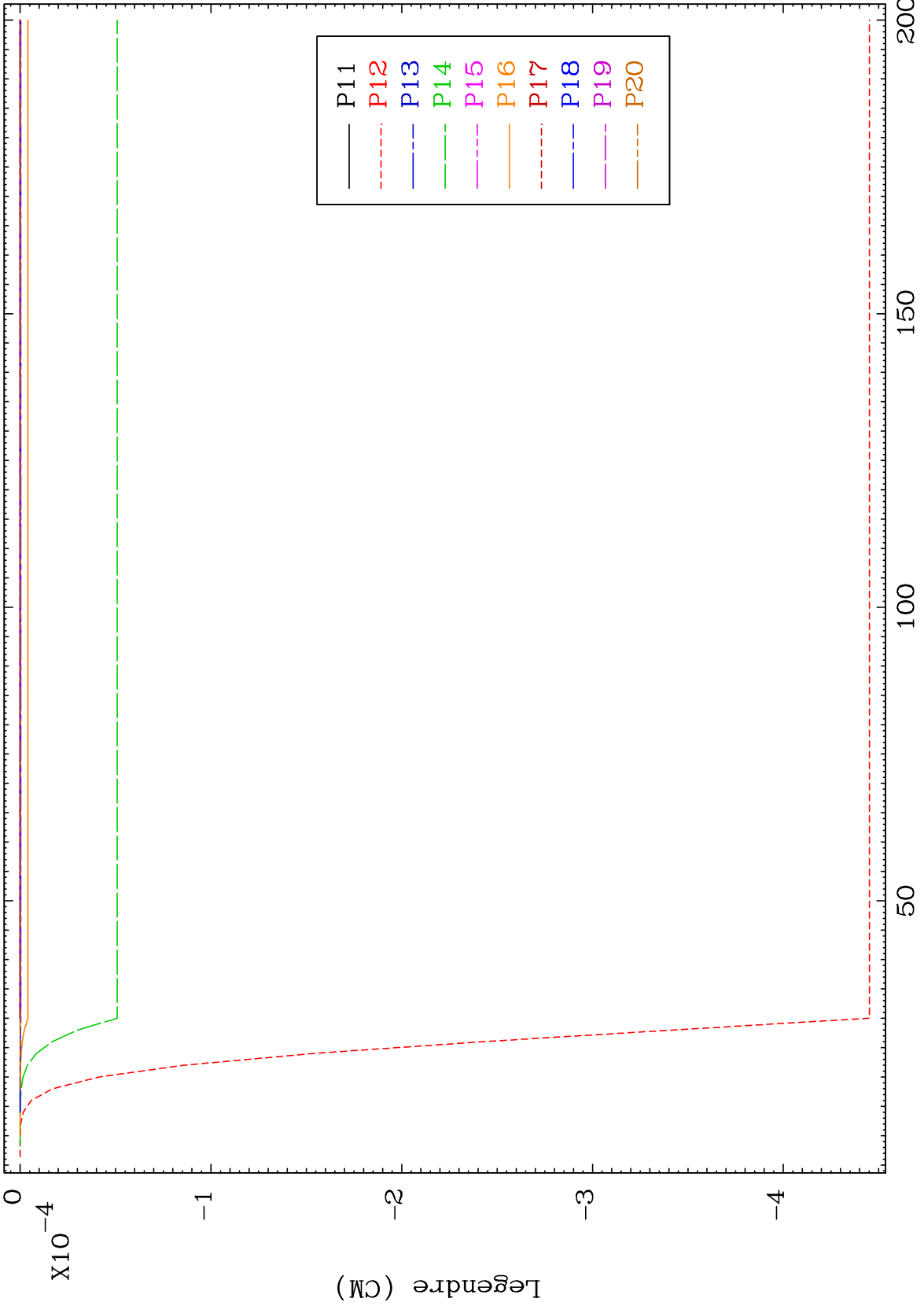
19-K -49

MAT 1955 MT= 62 (n,n') Level Legendre Coefficients 19-K -49



54 Incident Energy (MeV) 19-K -49

MAT 1955 MT= 62 (n,n') Level Legendre Coefficients 19-K -49

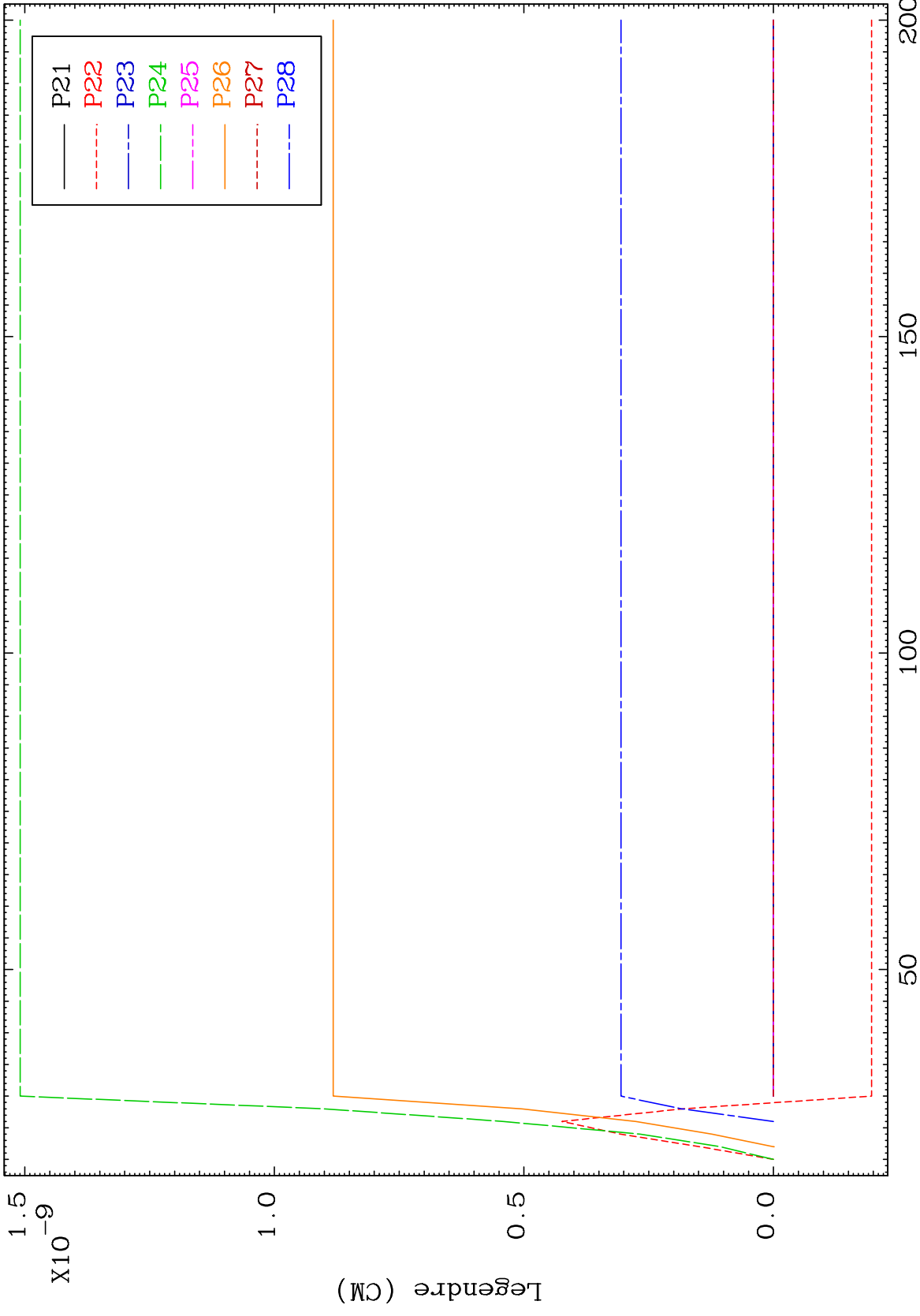


55 Incident Energy (MeV) 19-K -49

MAT 1955

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

19-K -49

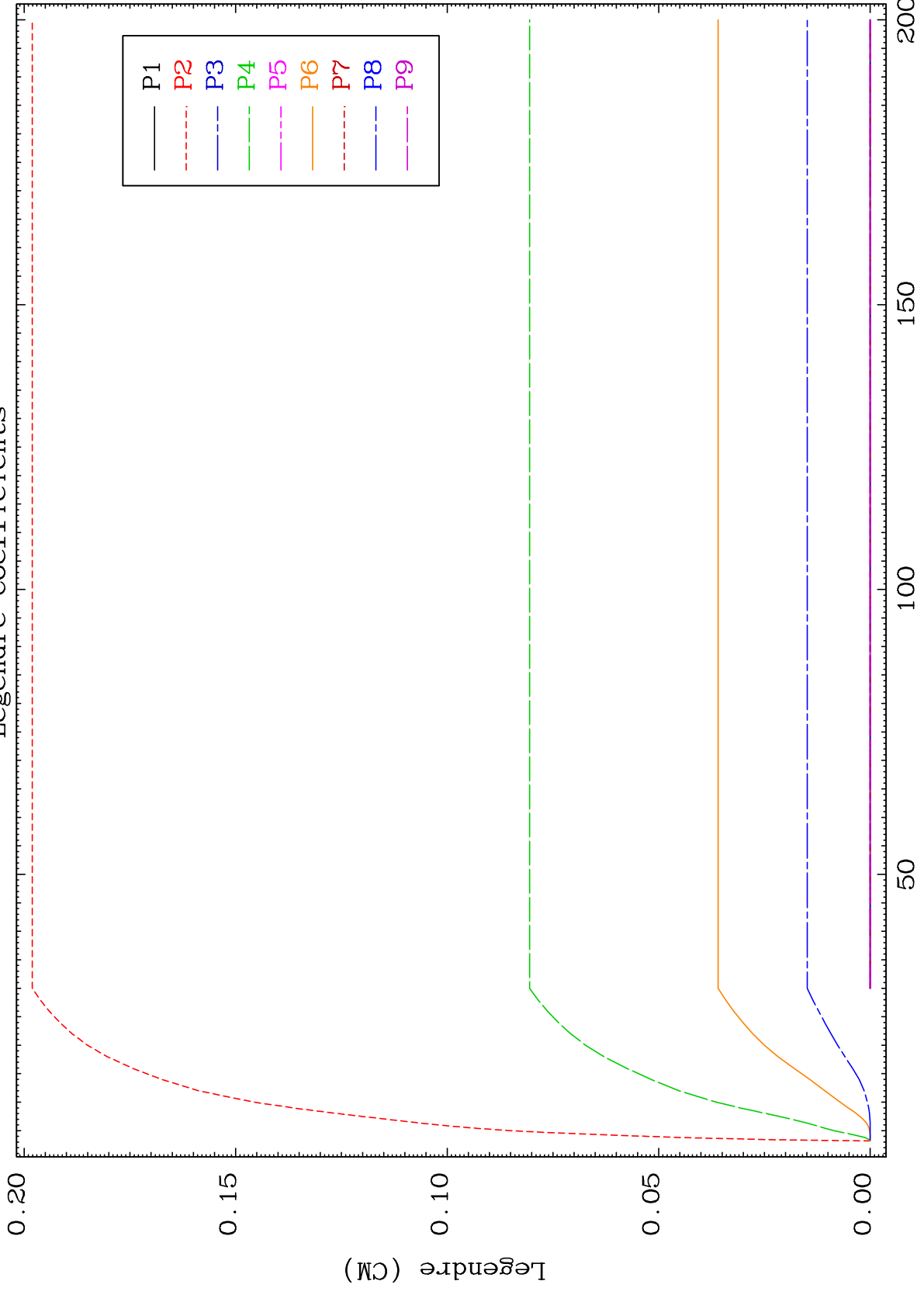


56

Incident Energy (MeV)

19-K -49

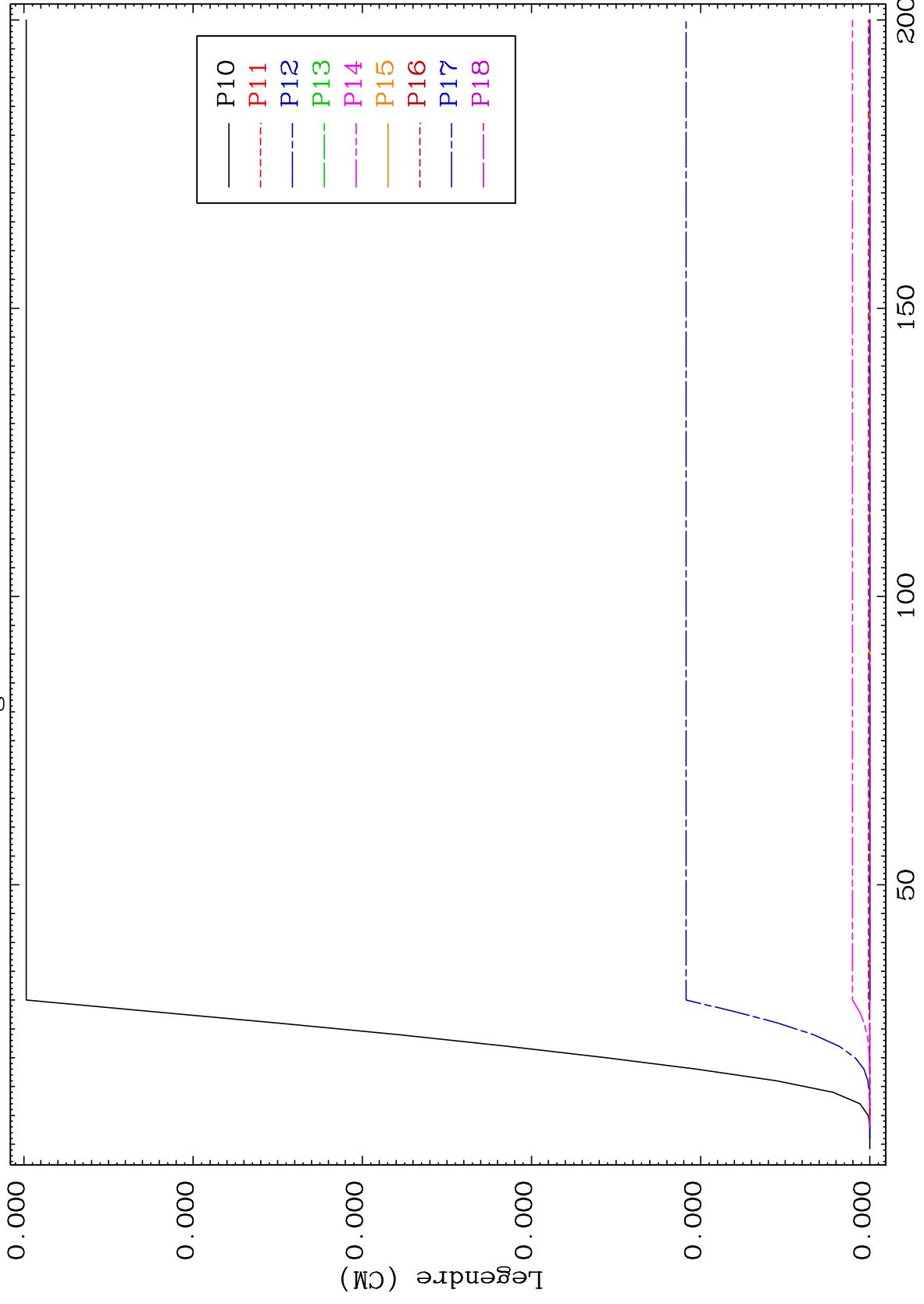
MAT 1955 MT= 63 (n,n') Level Legendre Coefficients 19-K -49



MAT 1955

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

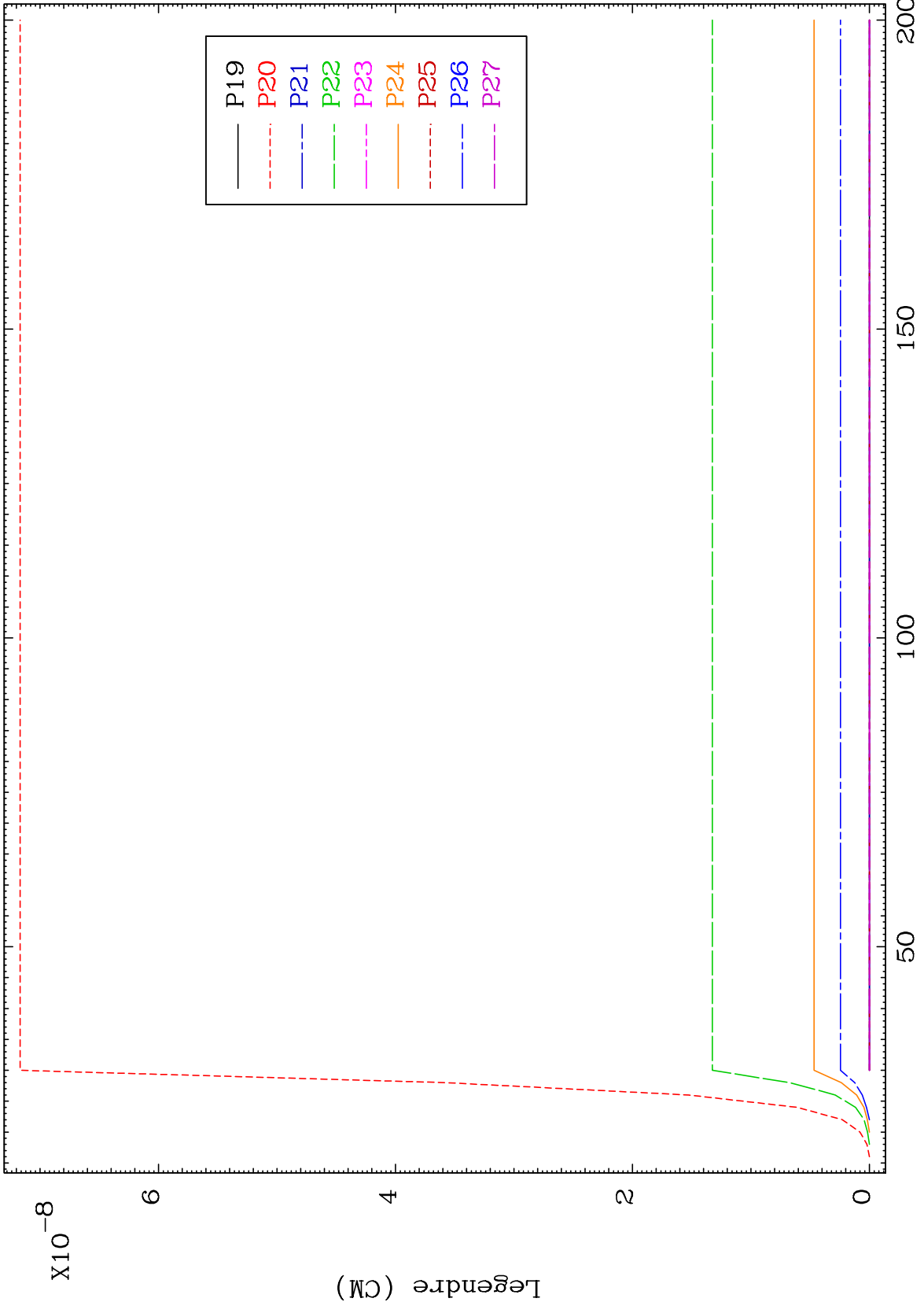
19-K -49



58

19-K -49

MAT 1955 MT= 63 (n,n') Level Legendre Coefficients 19-K -49

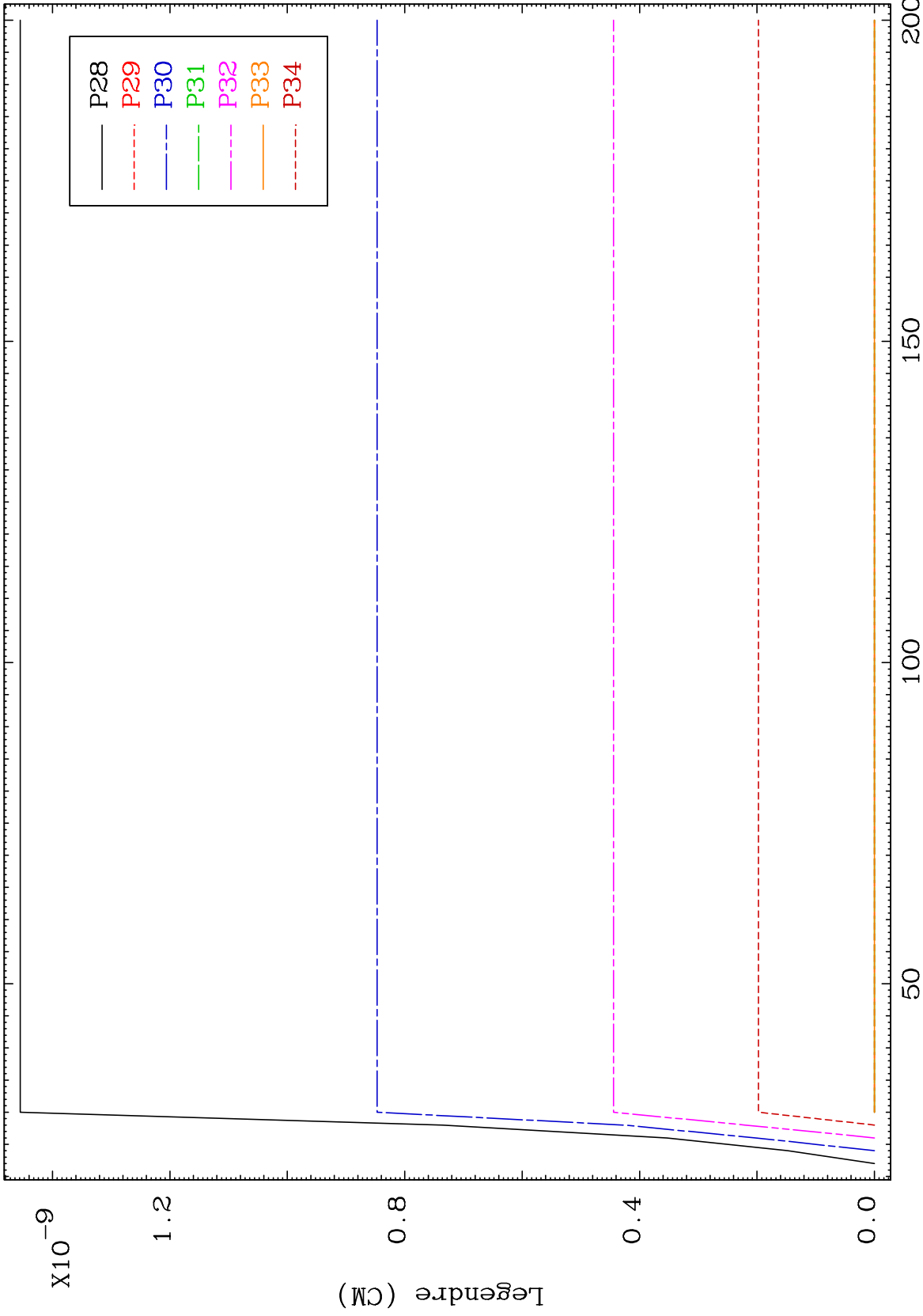


59 19-K -49

MAT 1955

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

19-K -49



60

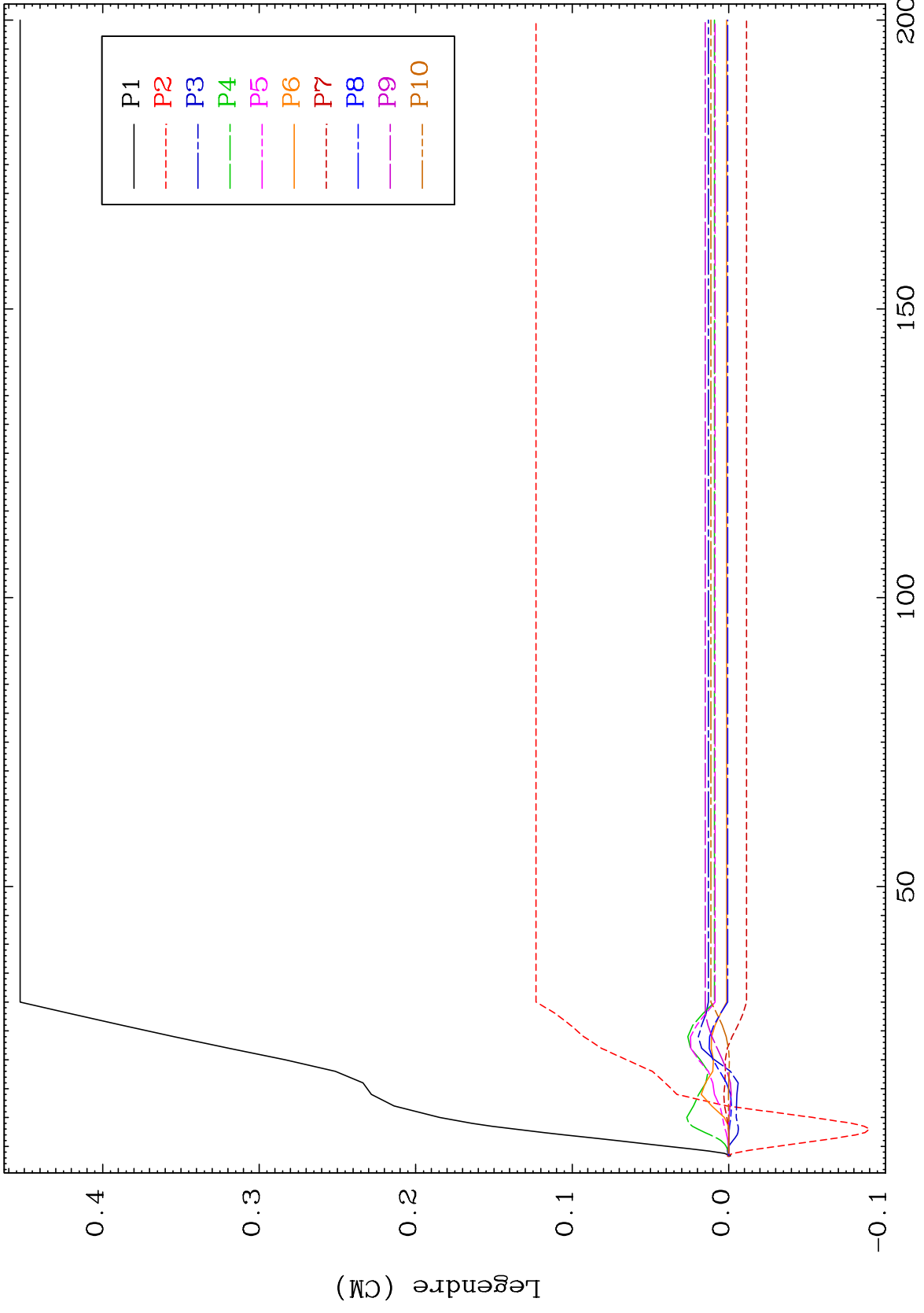
Incident Energy (MeV)

19-K -49

MAT 1955

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

19-K -49



61

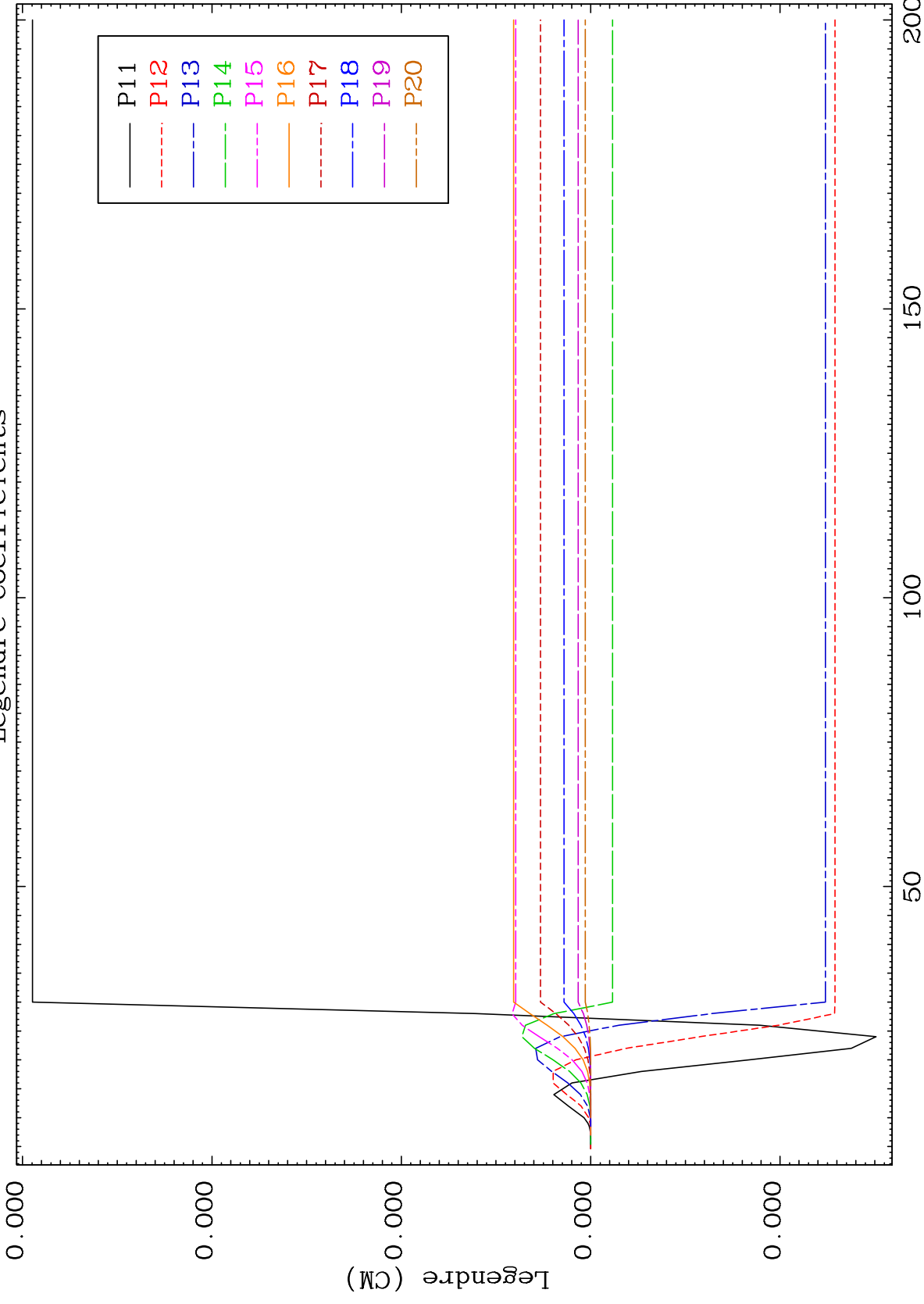
Incident Energy (MeV)

19-K -49

MAT 1955

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

19-K -49



19-K -49

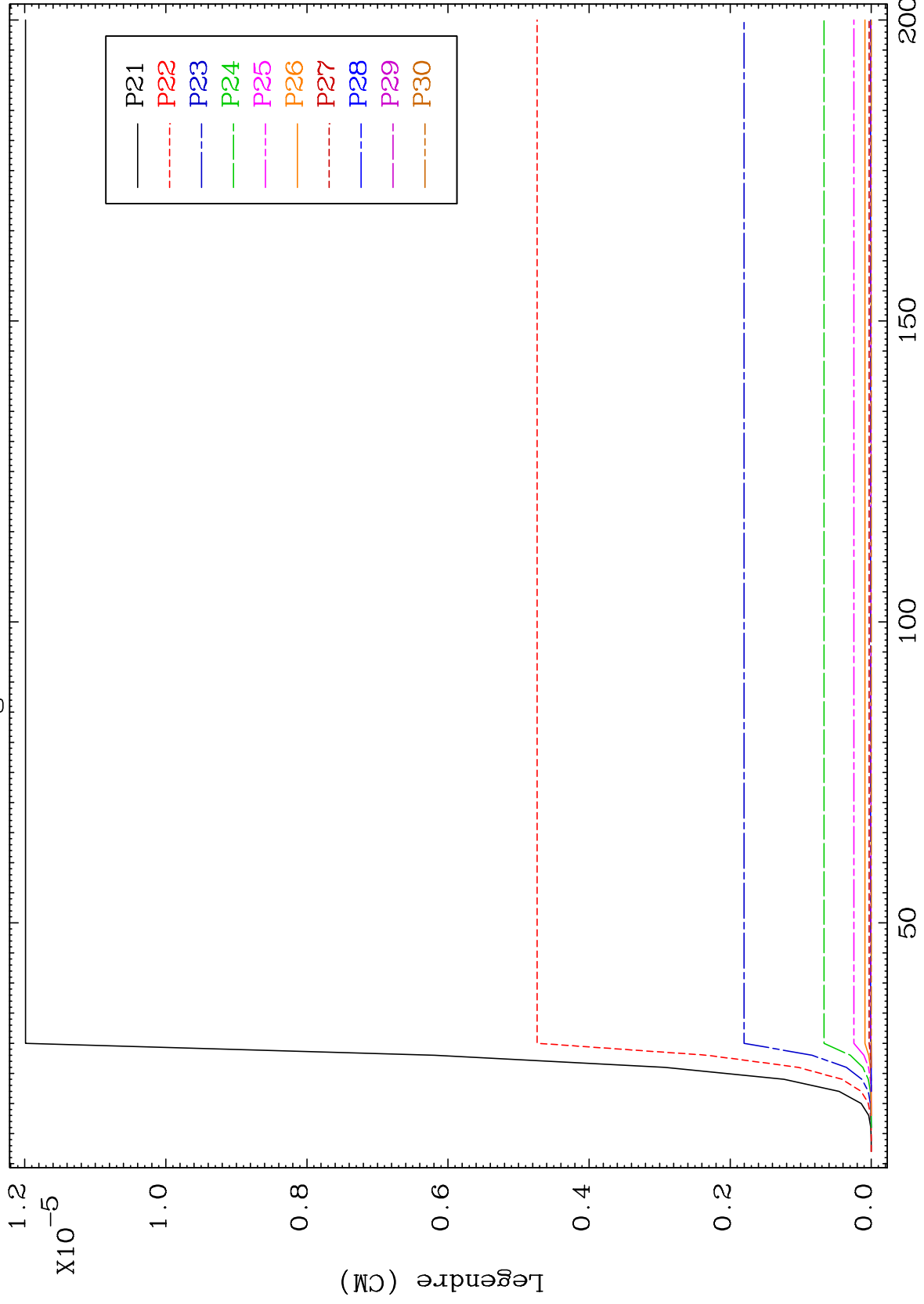
Incident Energy (MeV)

62

MAT 1955

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

19-K -49

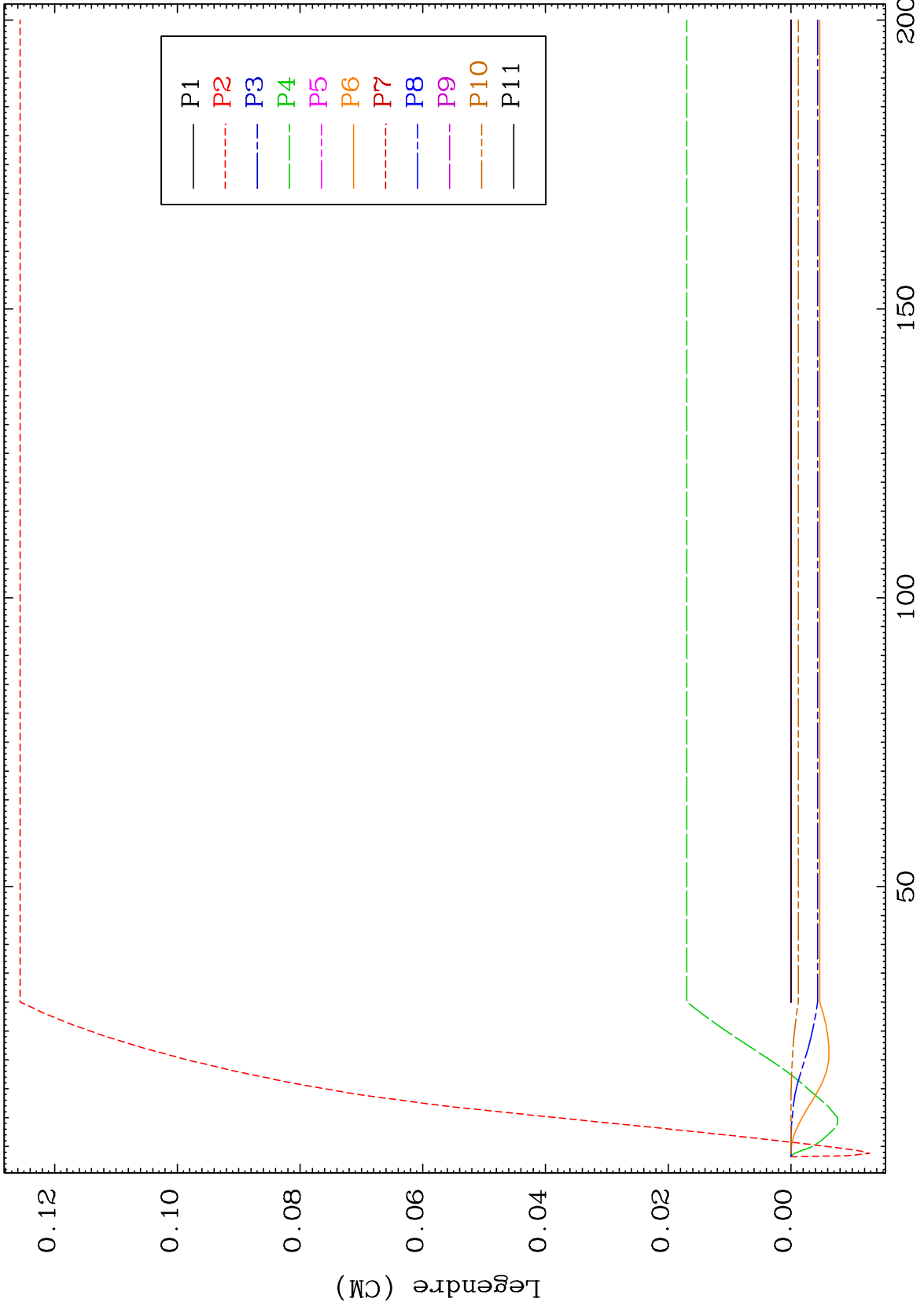


63

19-K -49

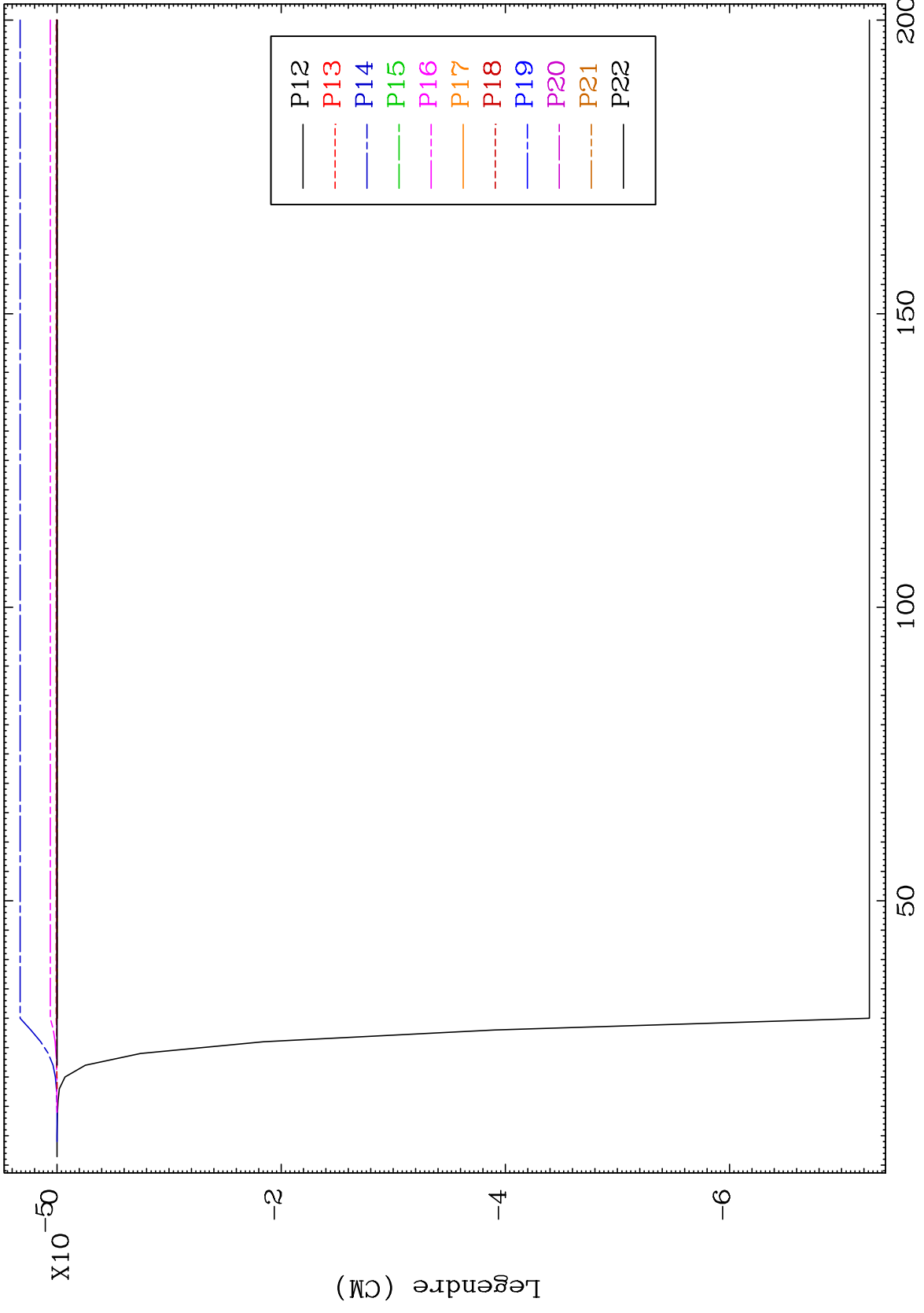
200

MAT 1955 MT= 65 (n,n') Level Legendre Coefficients 19-K -49



64 19-K -49

MAT 1955 MT= 65 (n,n') Level Legendre Coefficients 19-K -49

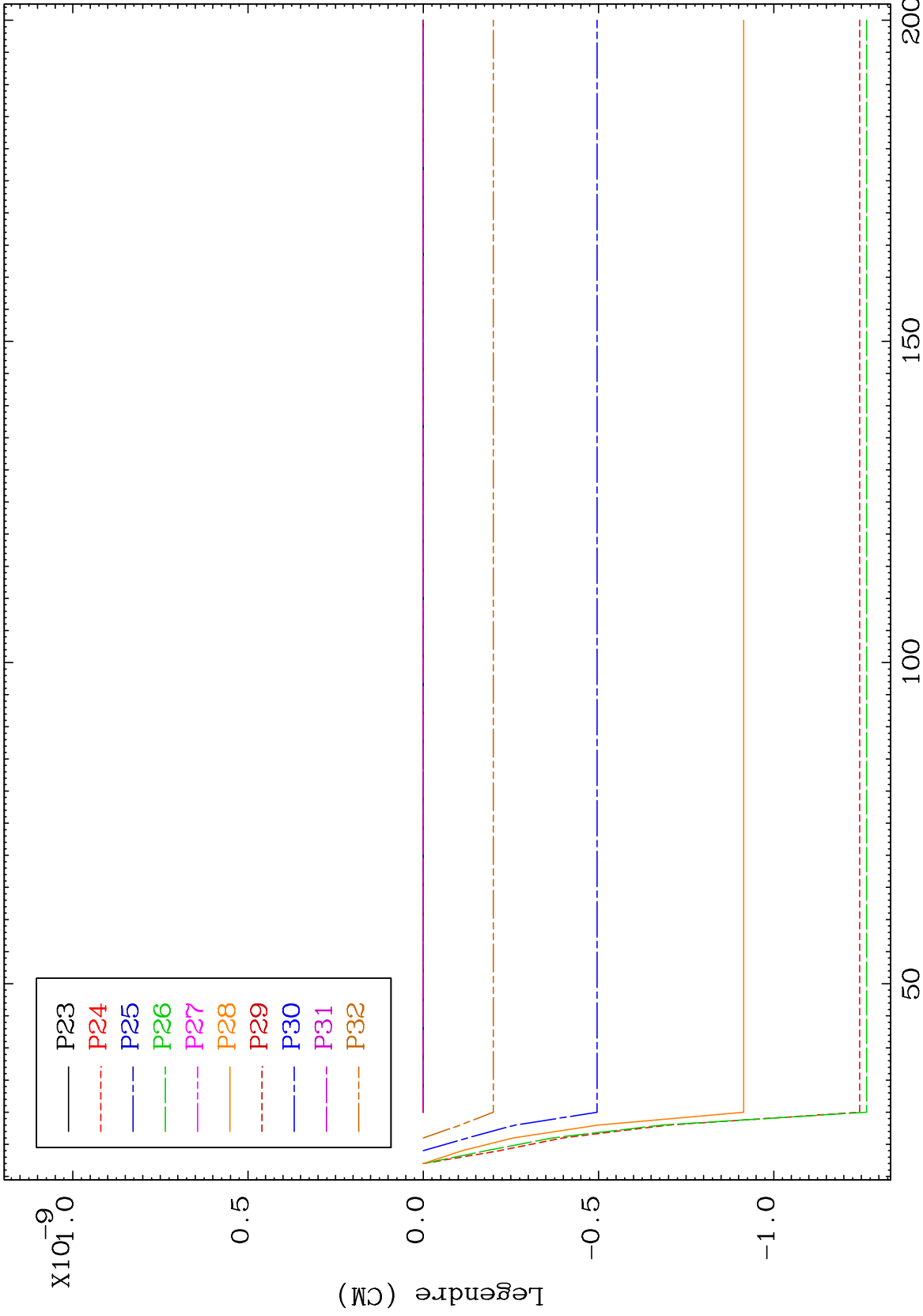


65 19-K -49

MAT 1955

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

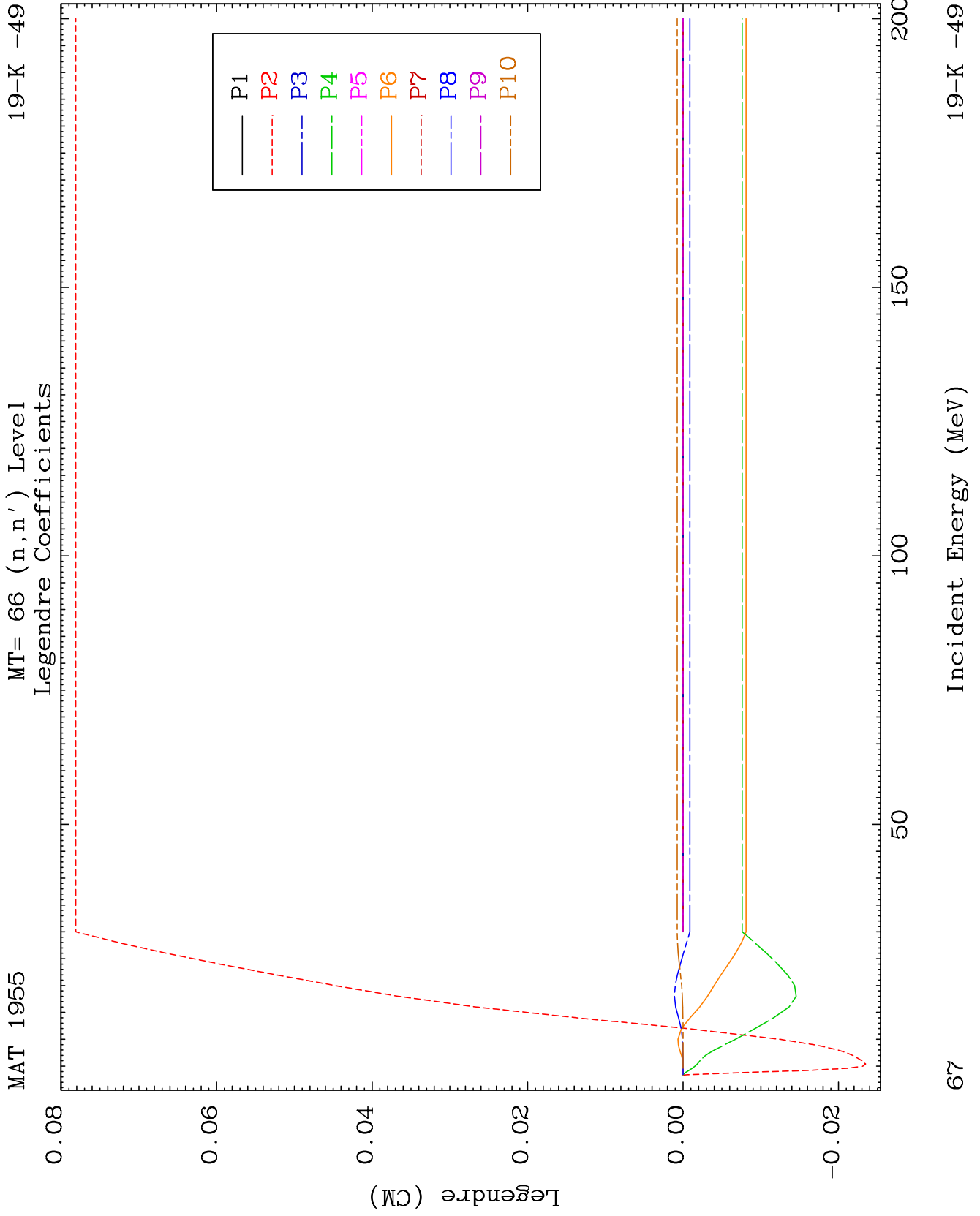
19-K -49



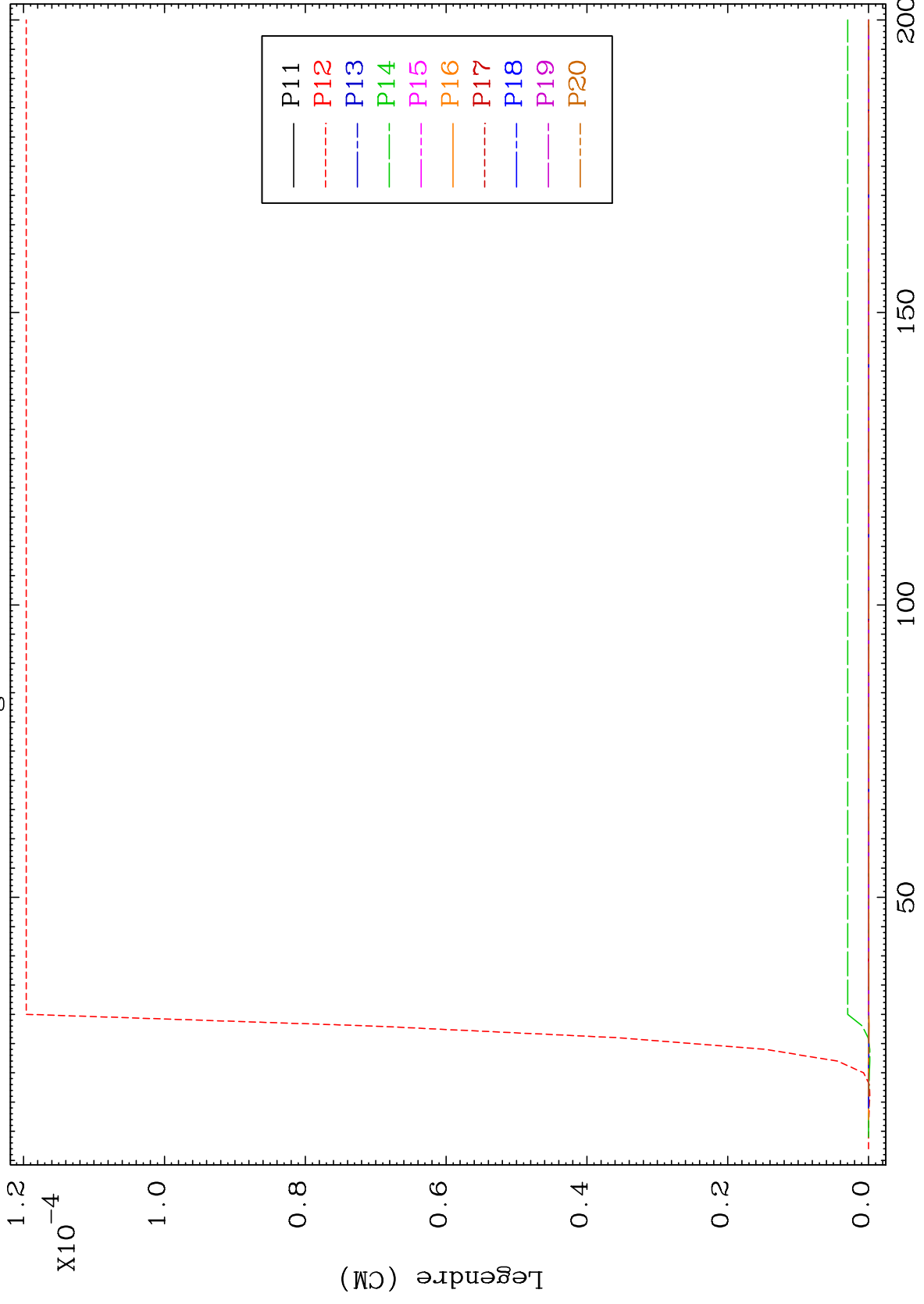
66

Incident Energy (MeV)

19-K -49



MAT 1955 MT= 66 (n,n') Level Legendre Coefficients 19-K -49

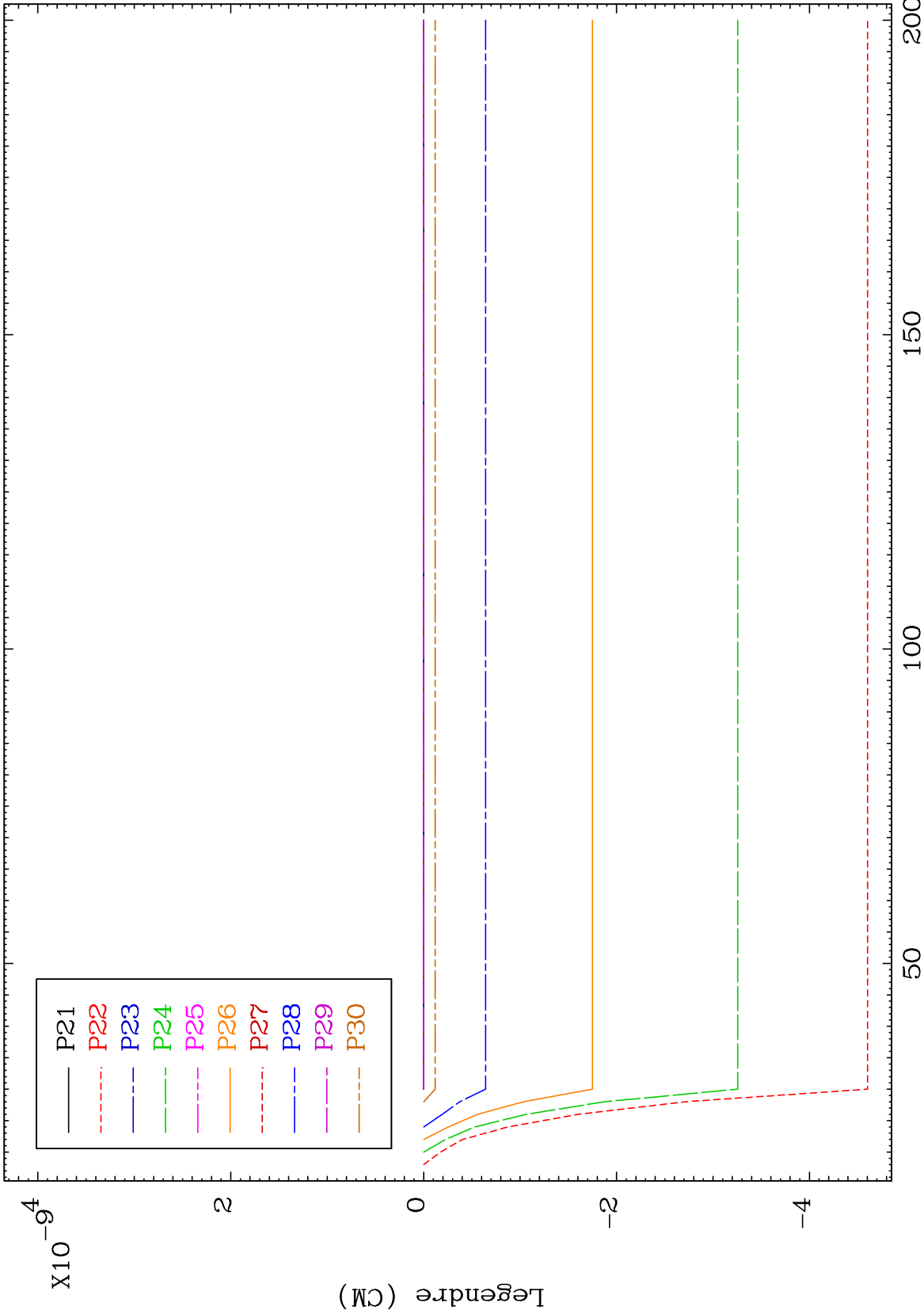


68 19-K -49

MAT 1955

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

19-K -49

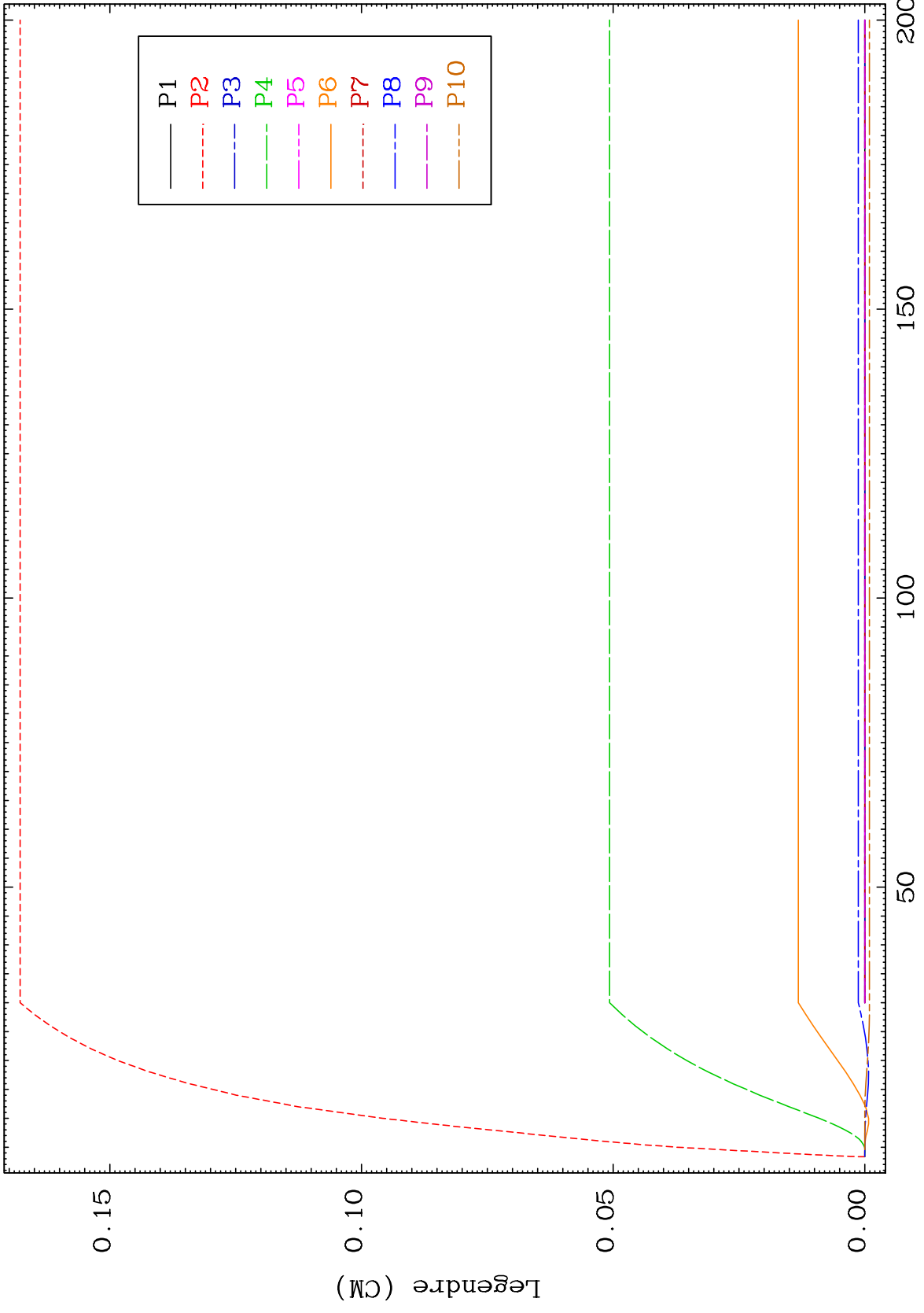


69

Incident Energy (MeV)

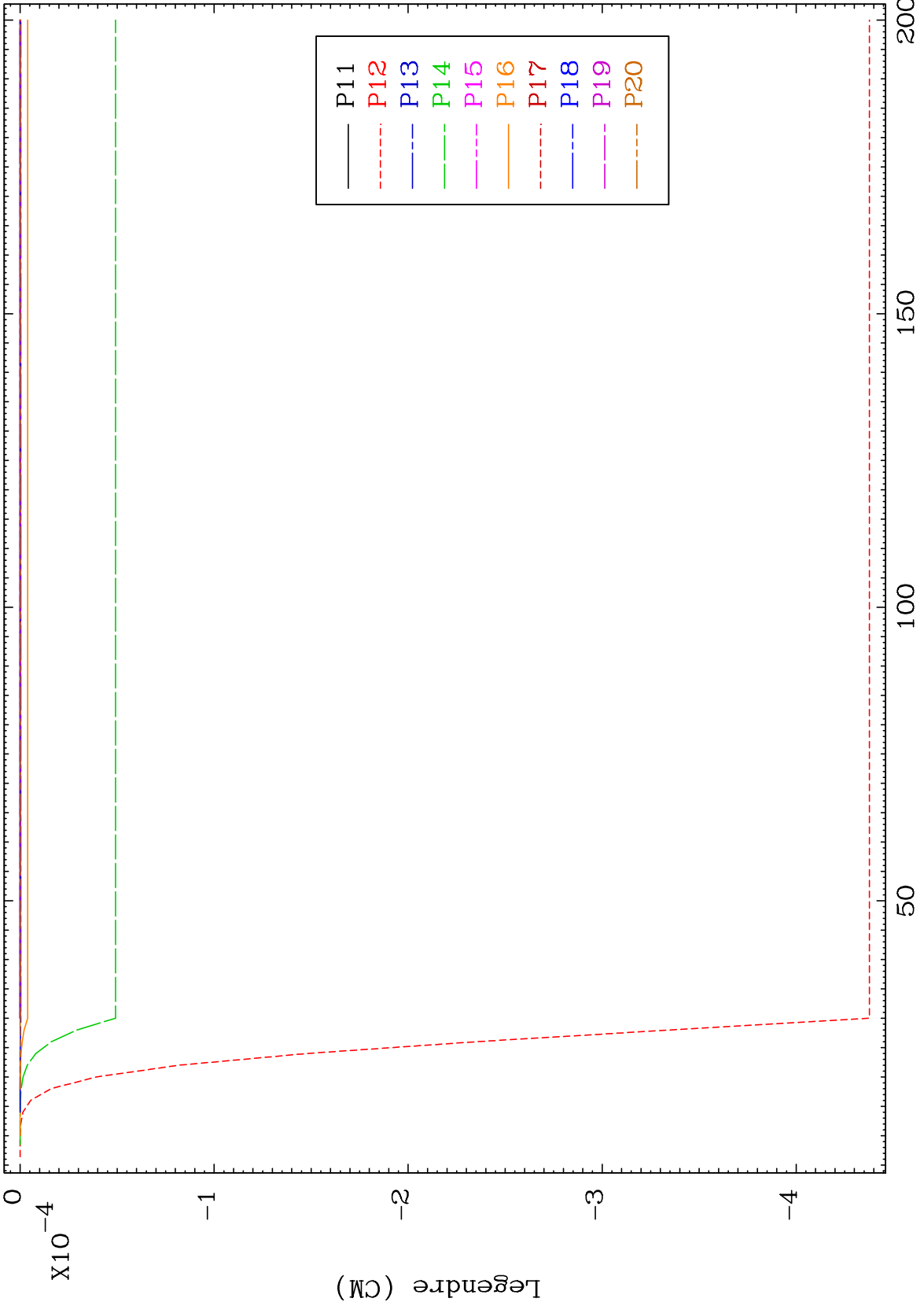
19-K -49

MAT 1955 MT= 67 (n,n') Level Legendre Coefficients 19-K -49



70 Incident Energy (MeV) 19-K -49

MAT 1955 MT= 67 (n,n') Level Legendre Coefficients 19-K -49

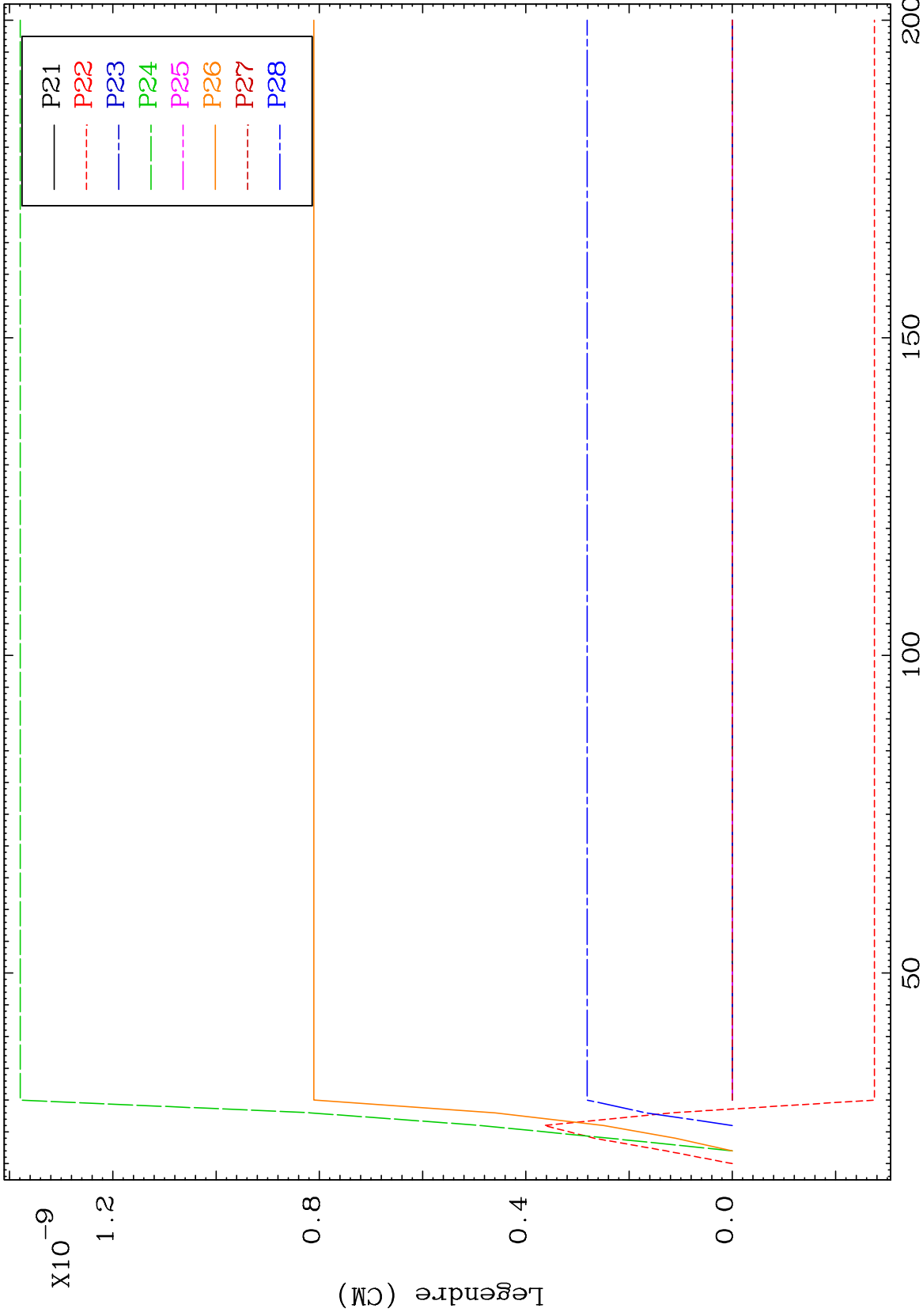


71 19-K -49

MAT 1955

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

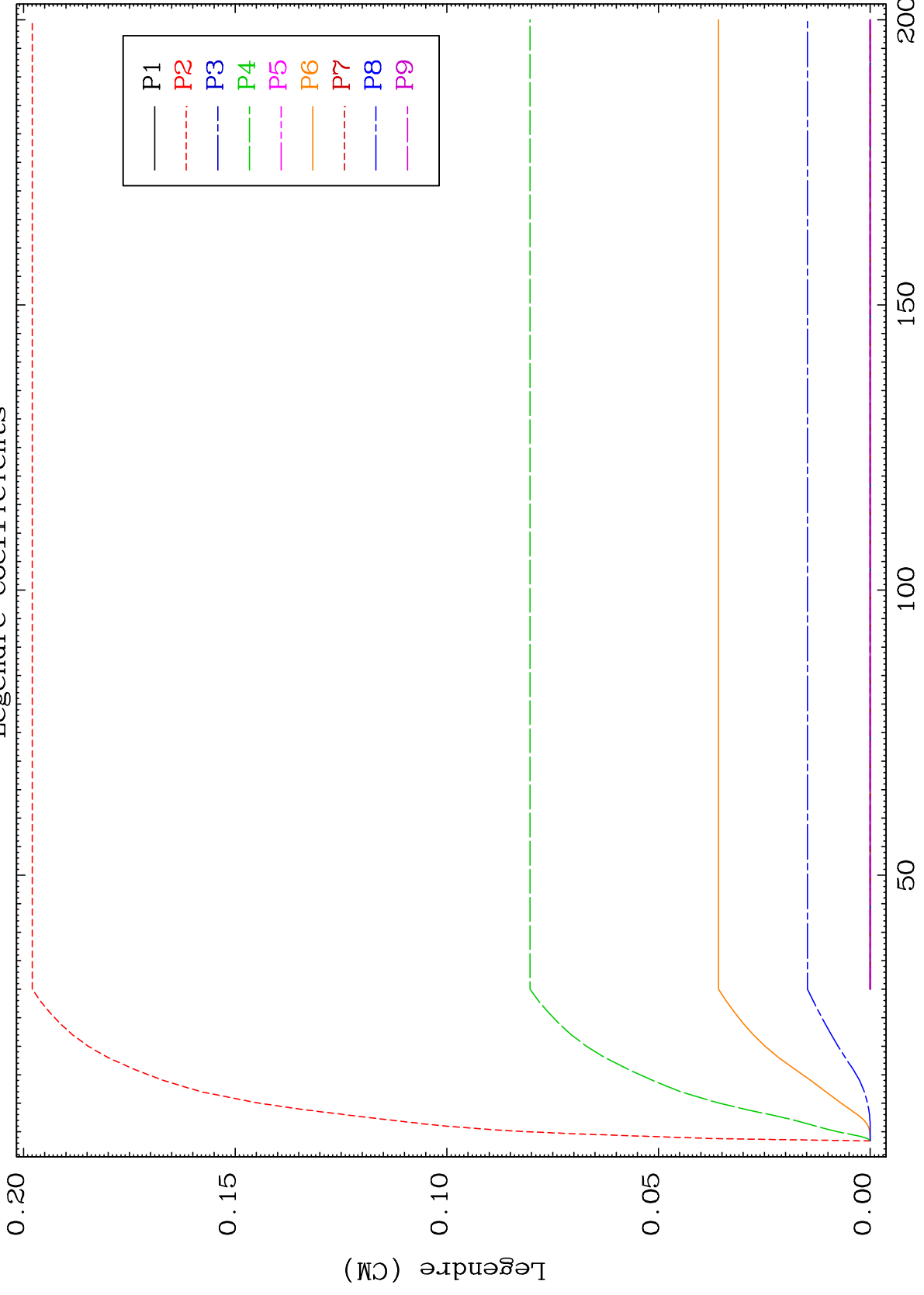
19-K -49



72

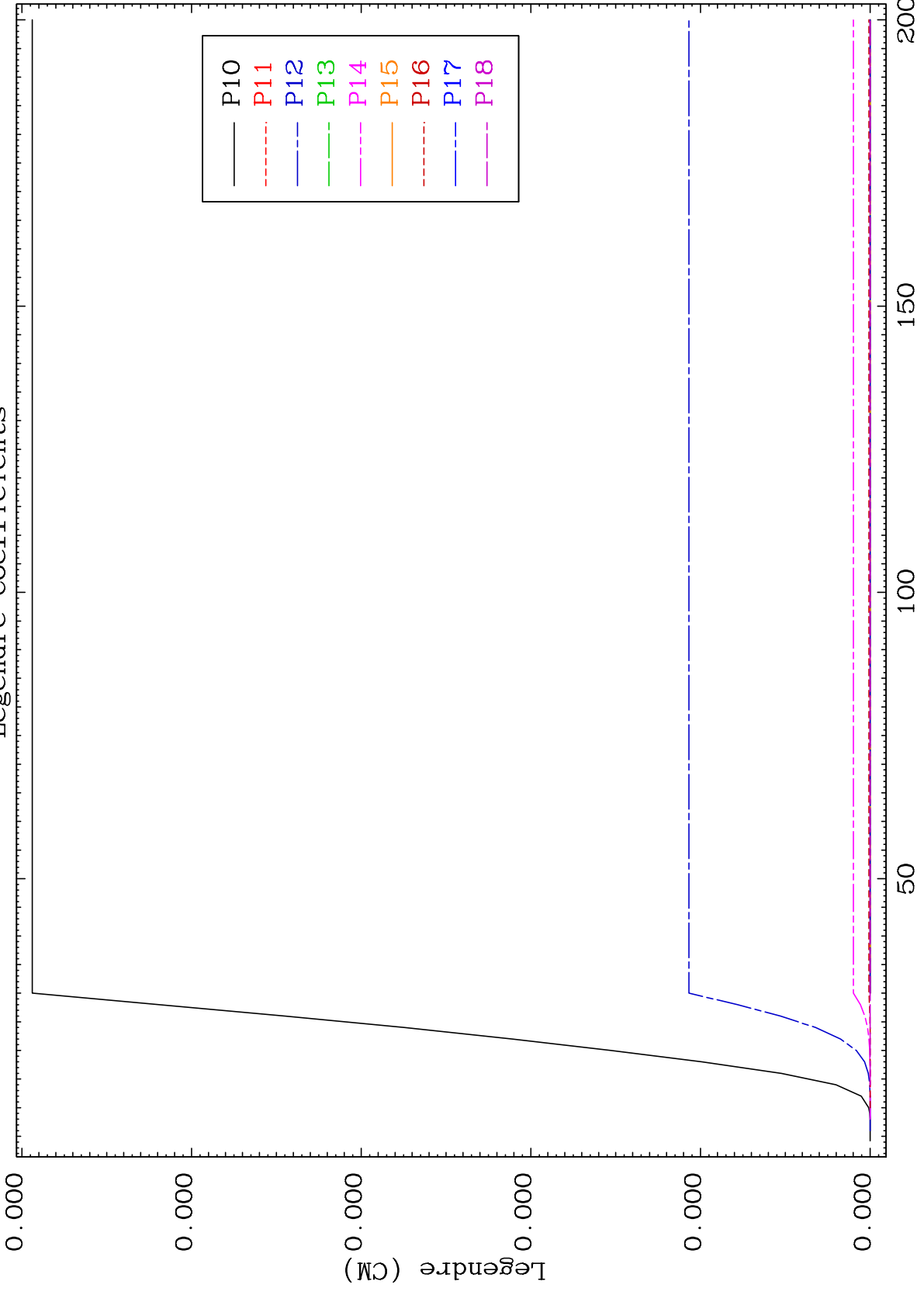
19-K -49

MAT 1955 MT= 68 (n,n') Level Legendre Coefficients 19-K -49



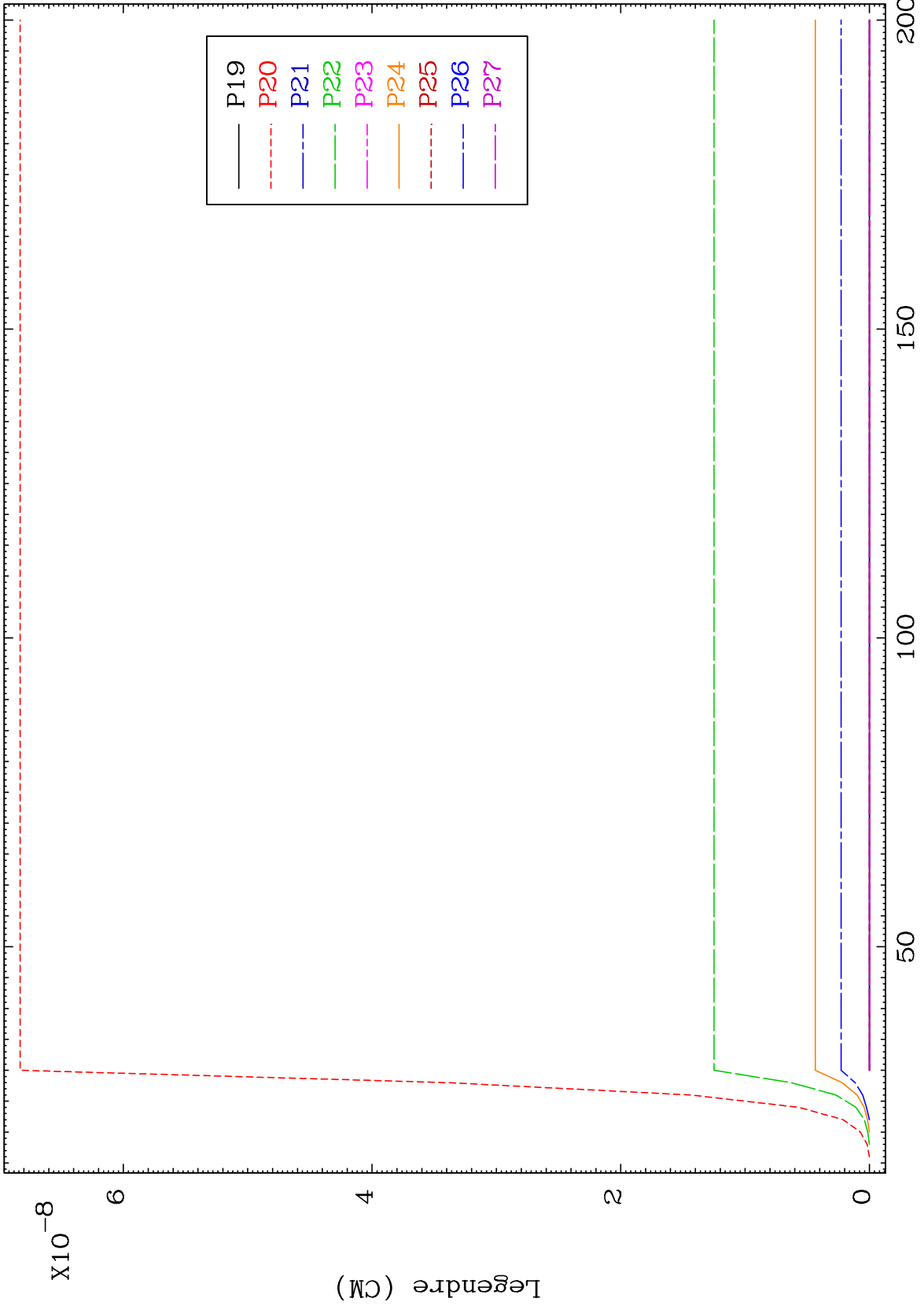
73 Incident Energy (MeV) 19-K -49

MAT 1955 MT= 68 (n,n') Level Legendre Coefficients 19-K -49



74 19-K -49

MAT 1955 MT= 68 (n,n') Level Legendre Coefficients 19-K -49

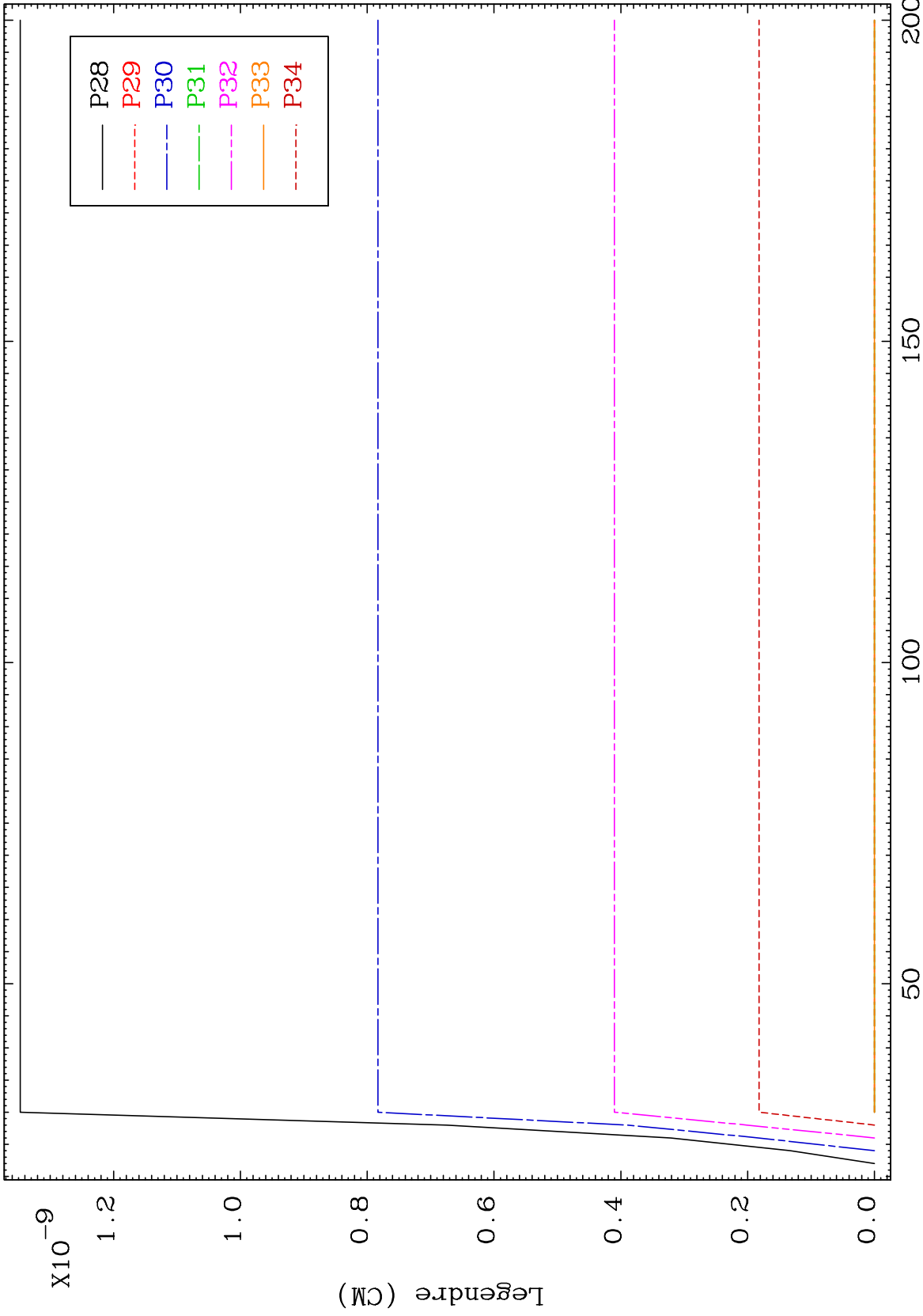


75 150 200 19-K -49

MAT 1955

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

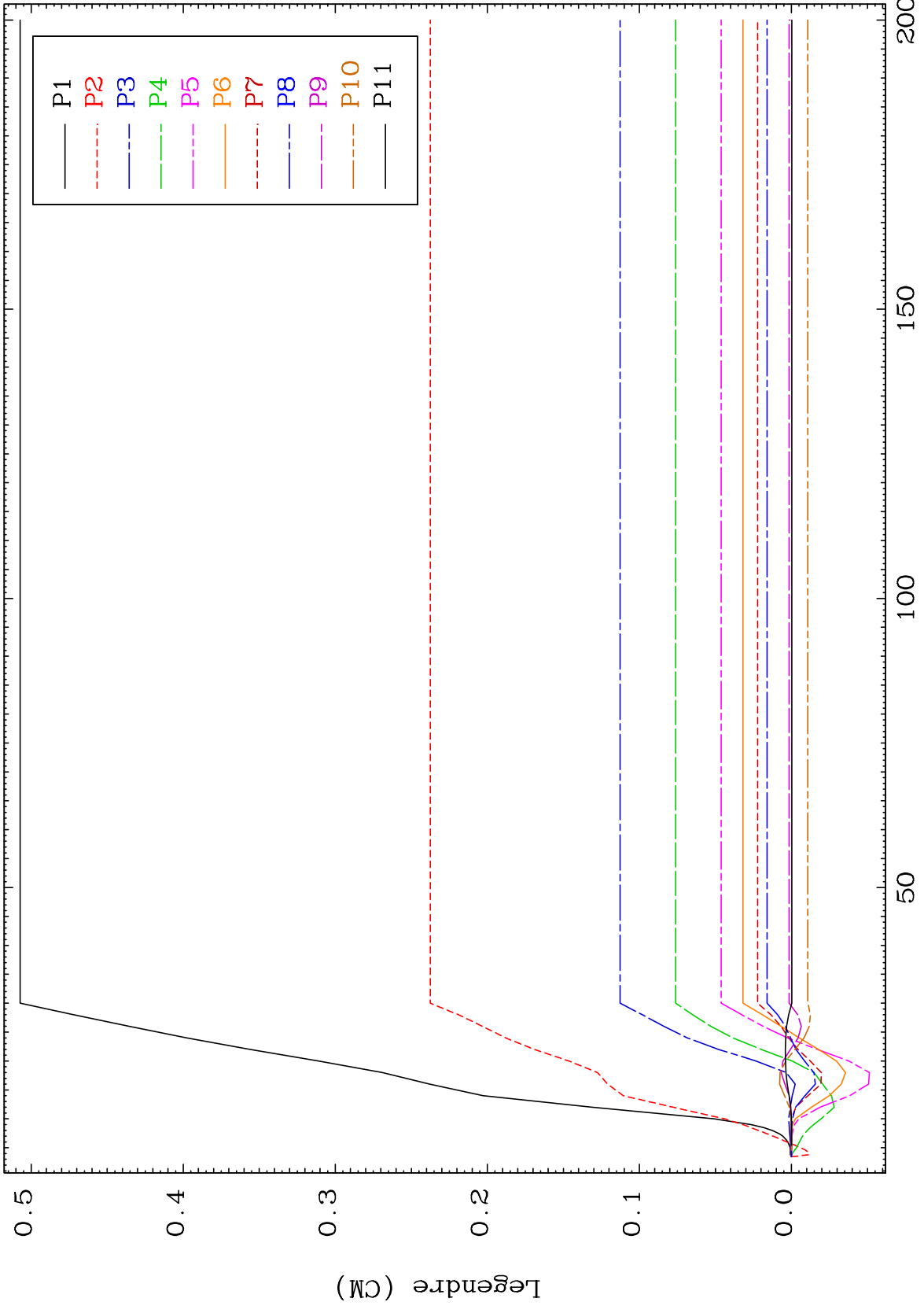
19-K -49



76

19-K -49

MAT 1955 MT= 69 (n,n') Level Legendre Coefficients 19-K -49

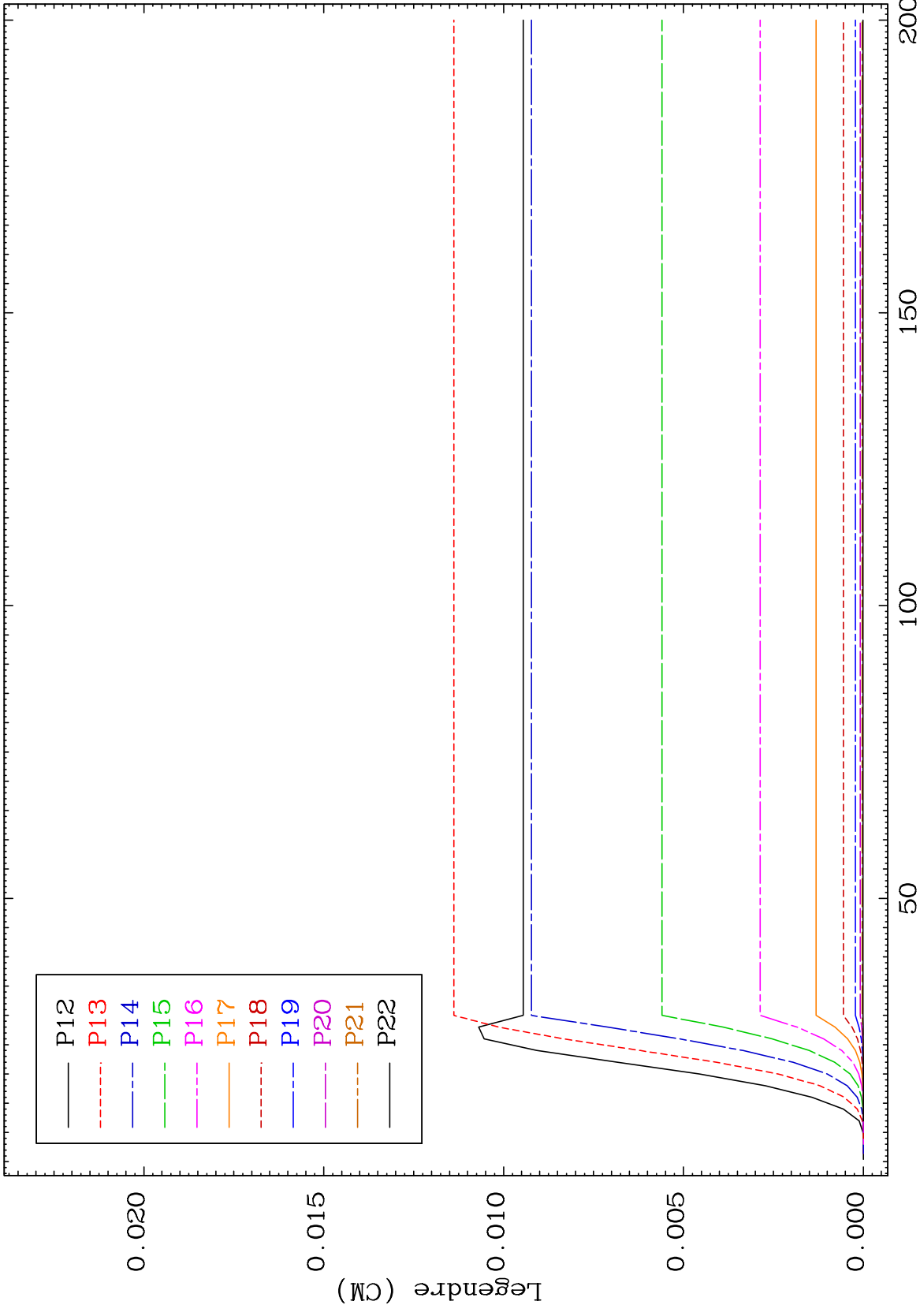


77 19-K -49

MAT 1955

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

19-K -49



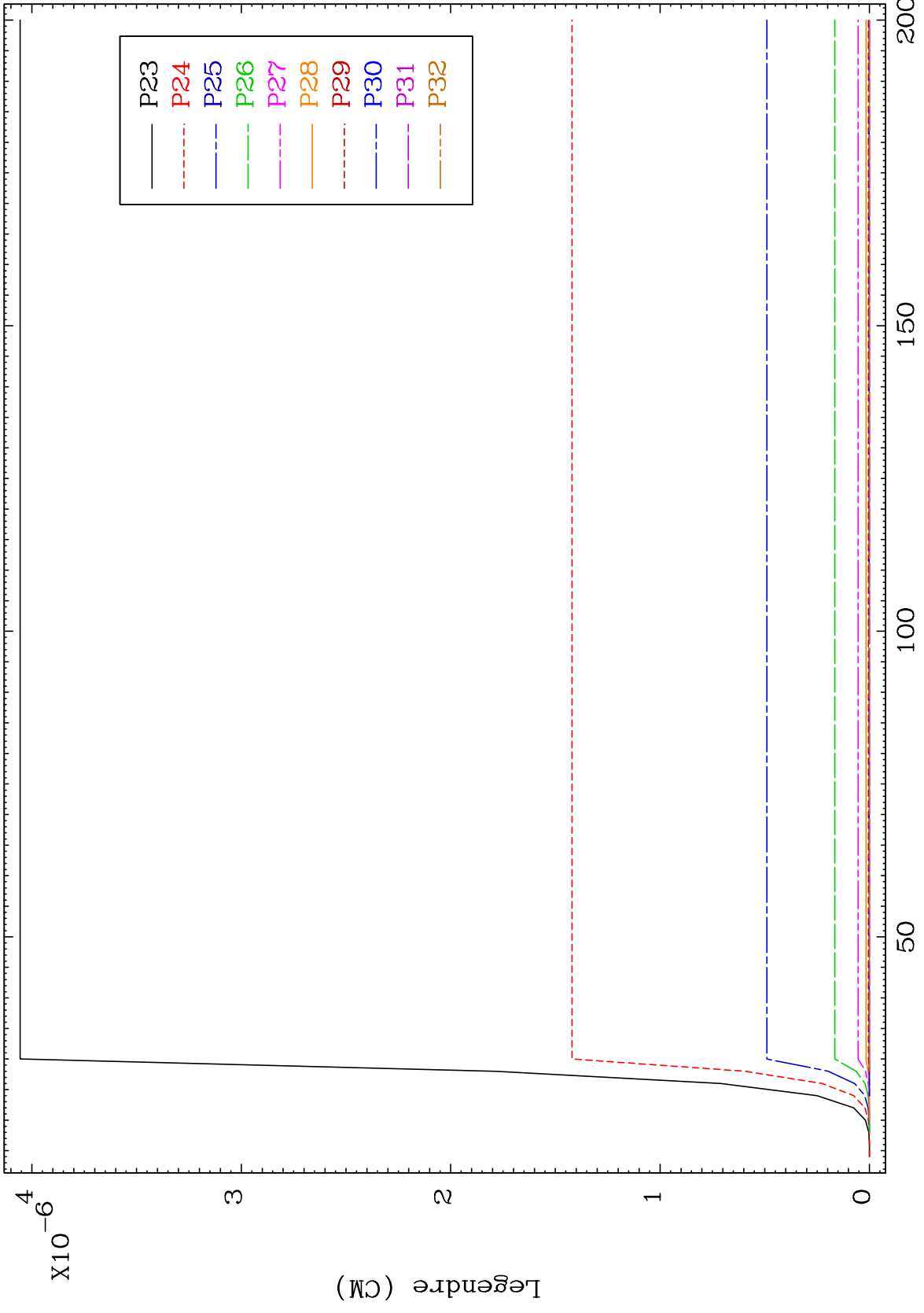
78

19-K -49

MAT 1955

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

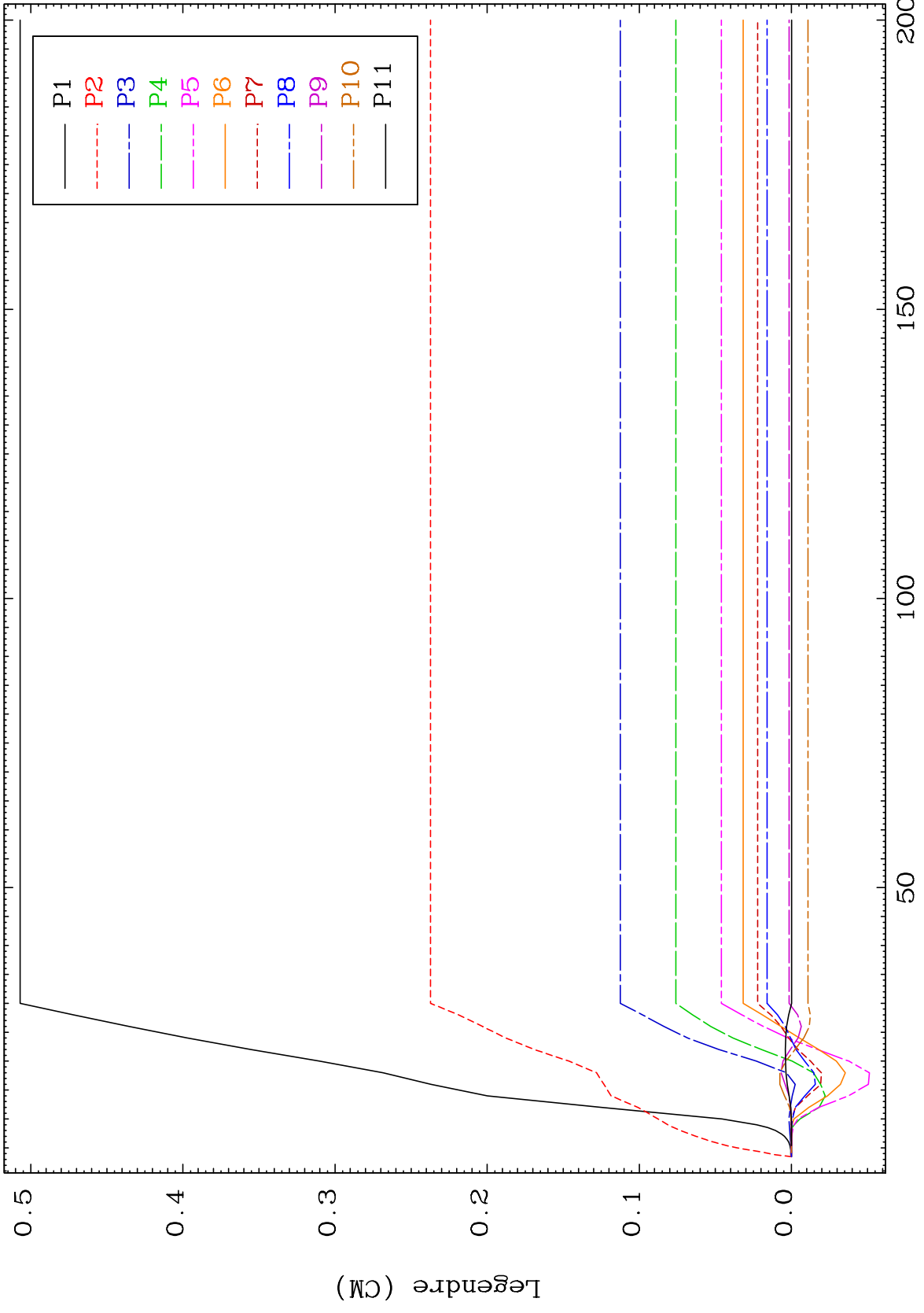
19-K -49



79

19-K -49

MAT 1955 MT= 70 (n,n') Level Legendre Coefficients 19-K -49

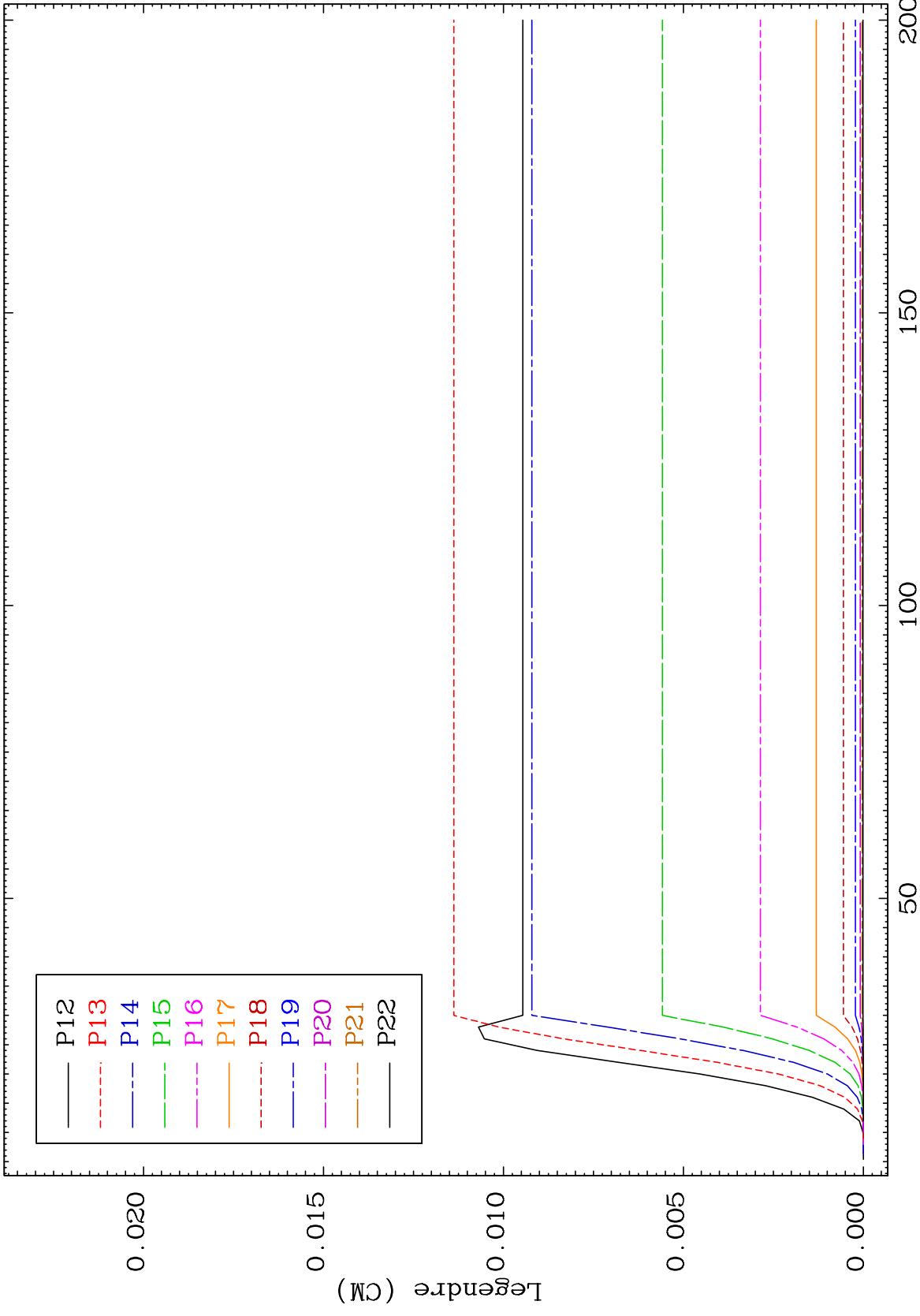


80 100 150 200 Incident Energy (MeV) 19-K -49

MAT 1955

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

19-K -49



81

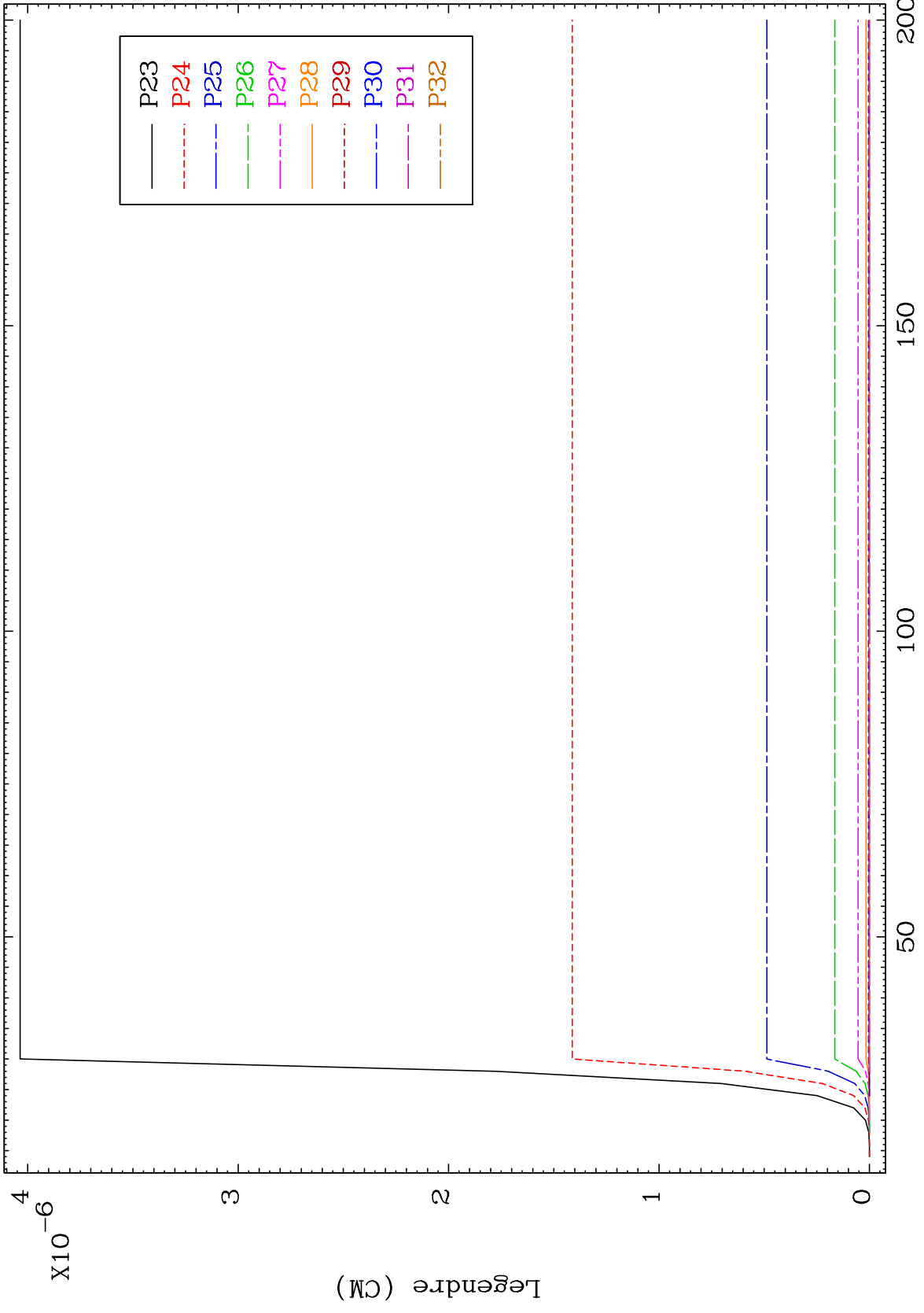
Incident Energy (MeV)

19-K -49

MAT 1955

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

19-K -49



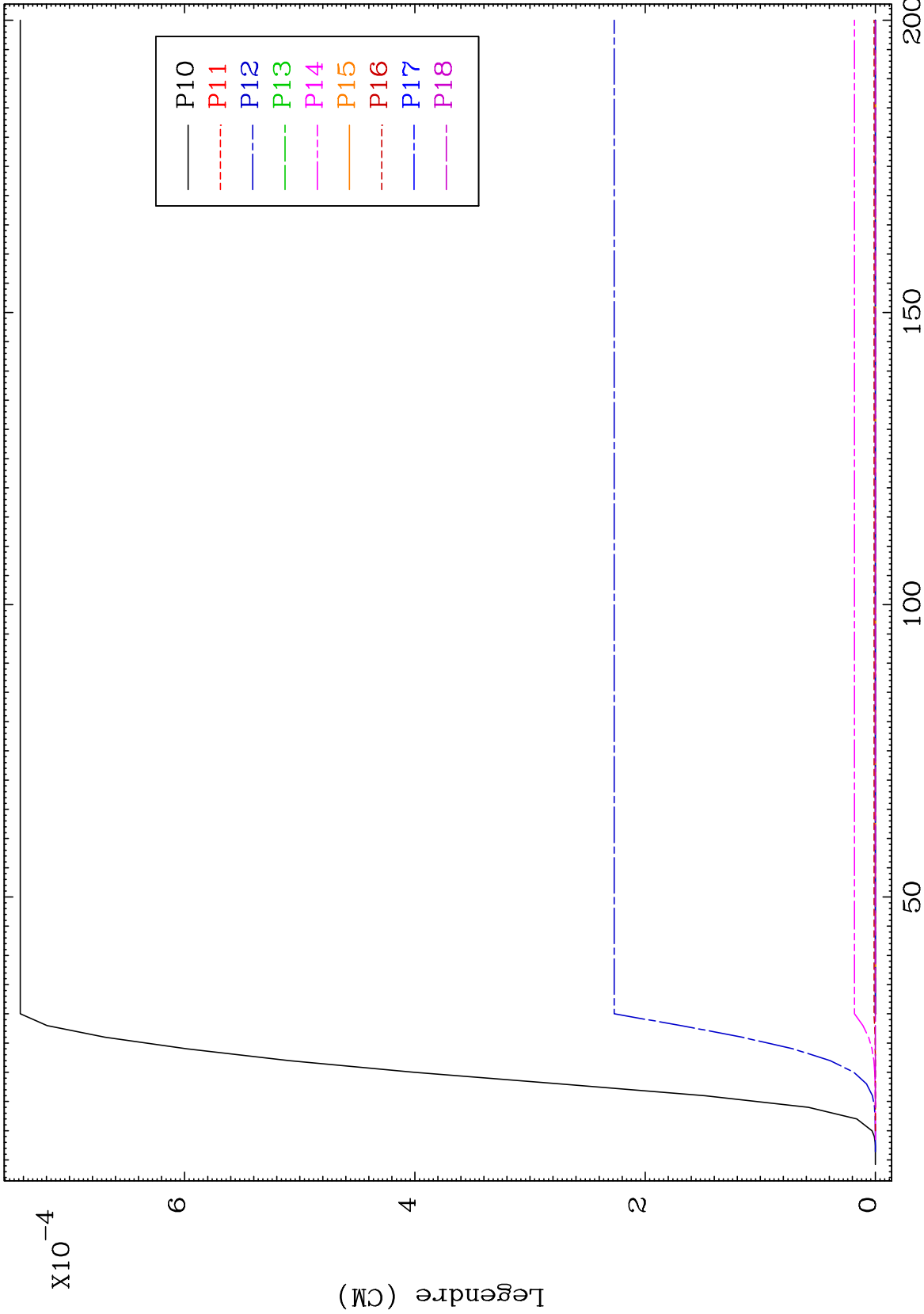
82

19-K -49

MAT 1955

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

19-K -49

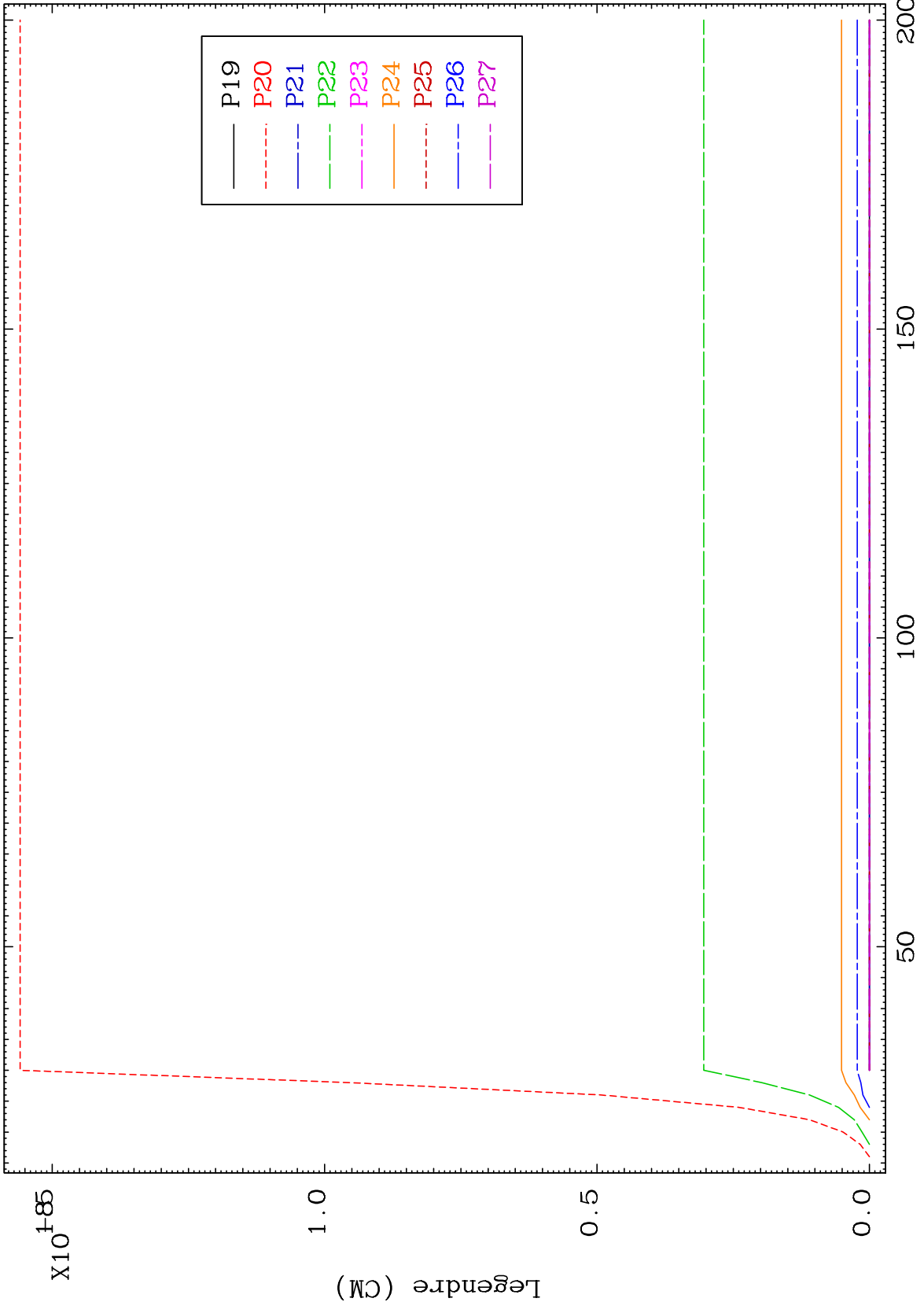


84

Incident Energy (MeV)

19-K -49

MAT 1955 MT= 71 (n,n') Level Legendre Coefficients 19-K -49

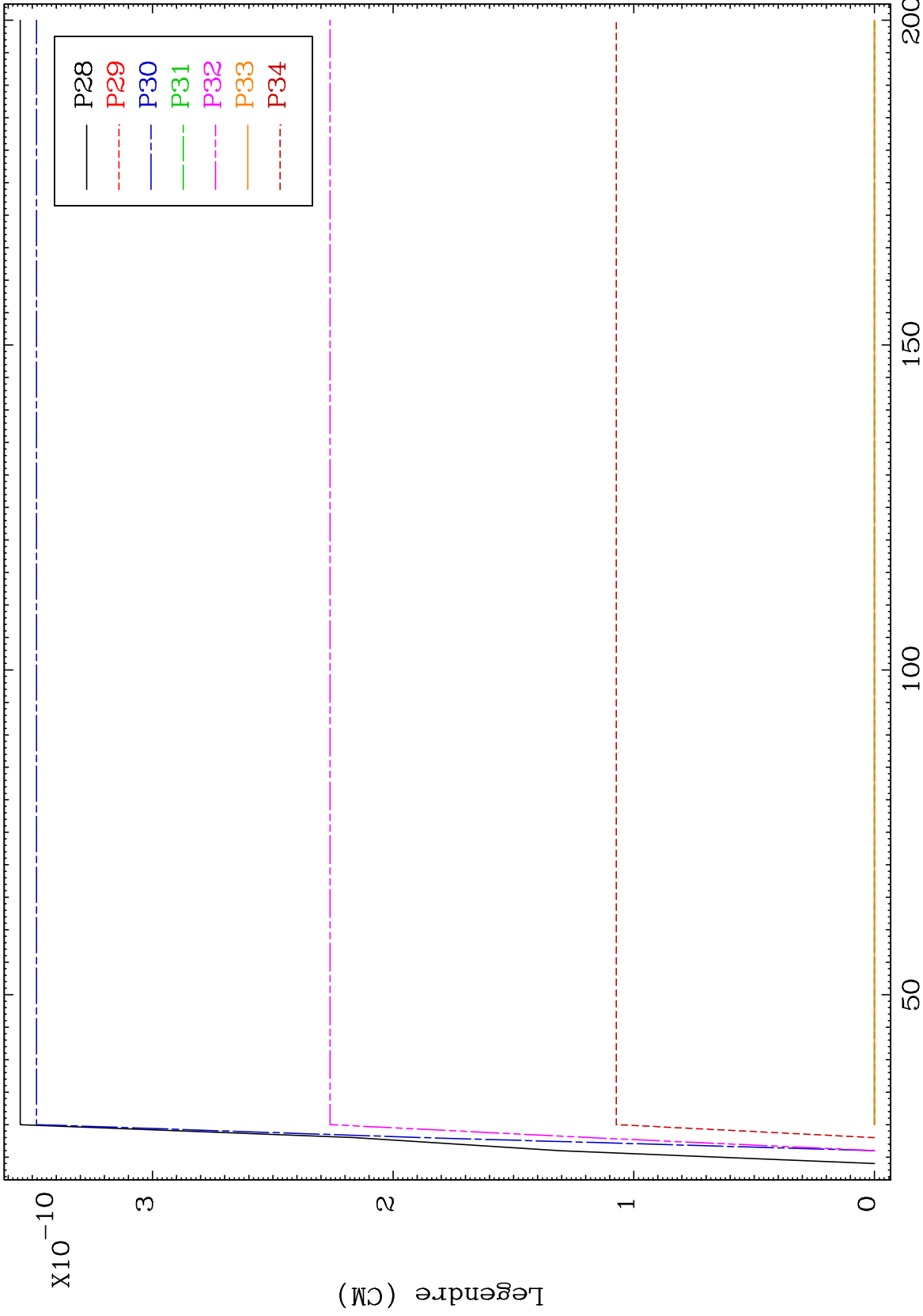


85 Incident Energy (MeV) 19-K -49

MAT 1955

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

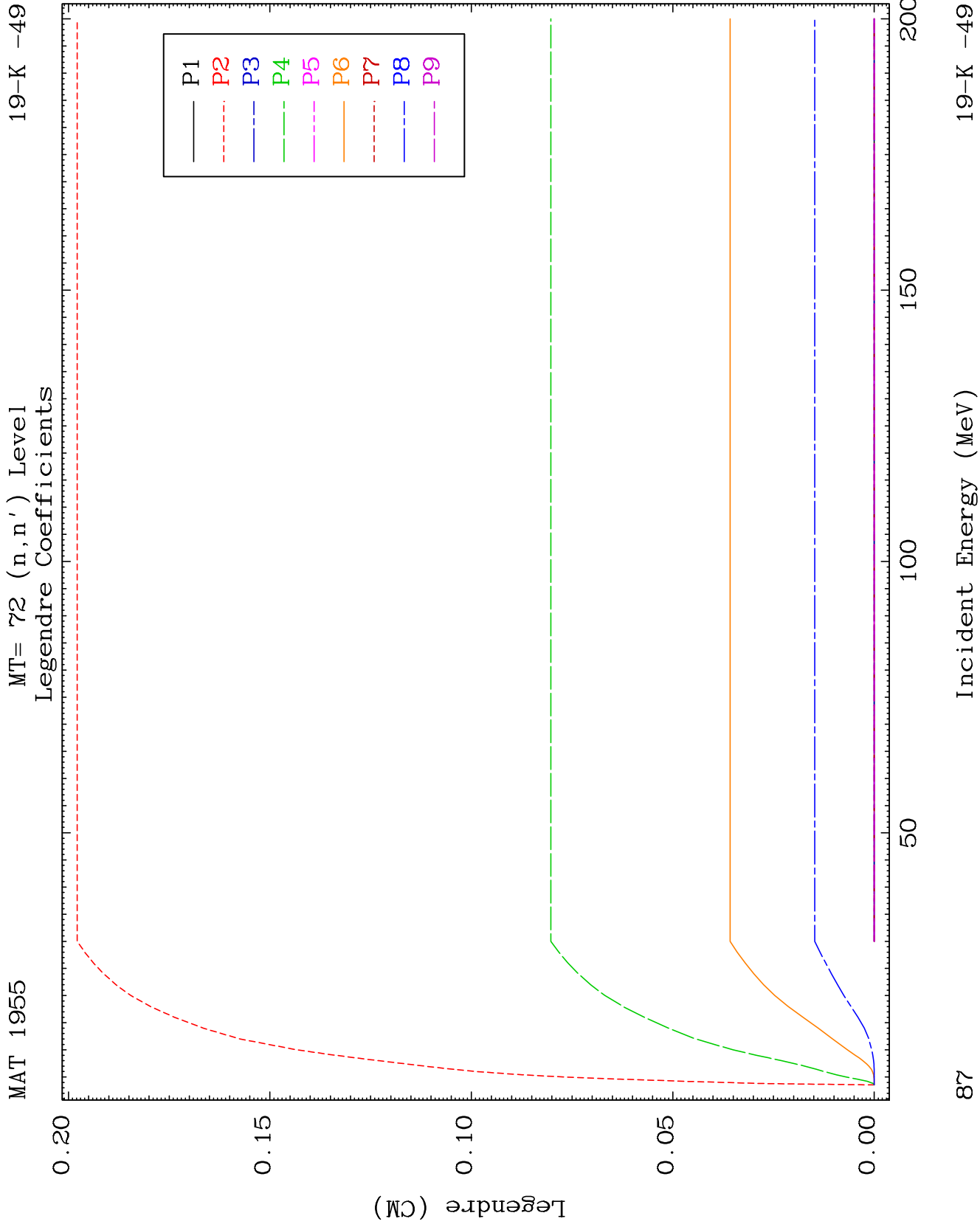
19-K -49



86

Incident Energy (MeV)

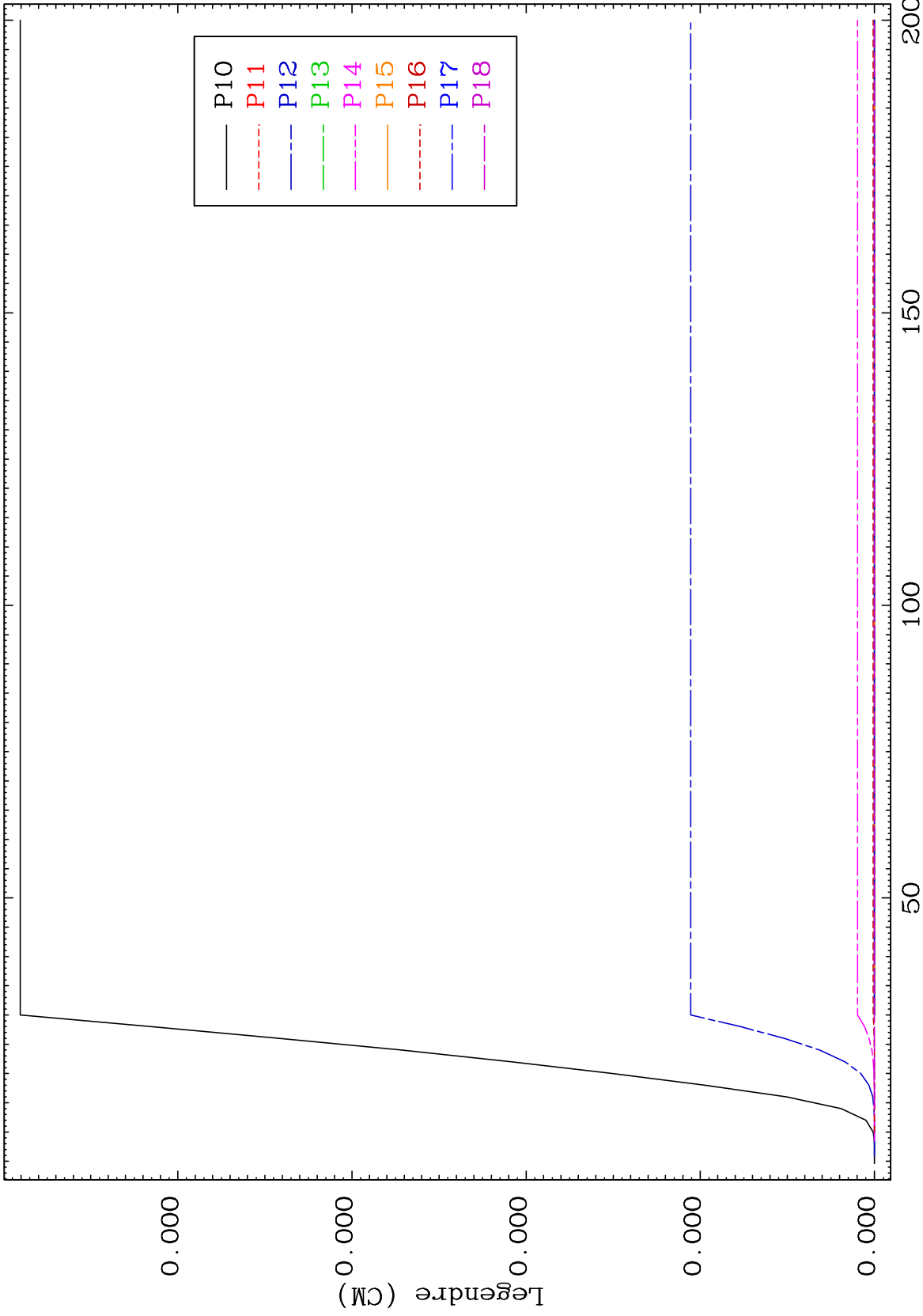
19-K -49



MAT 1955

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

19-K -49

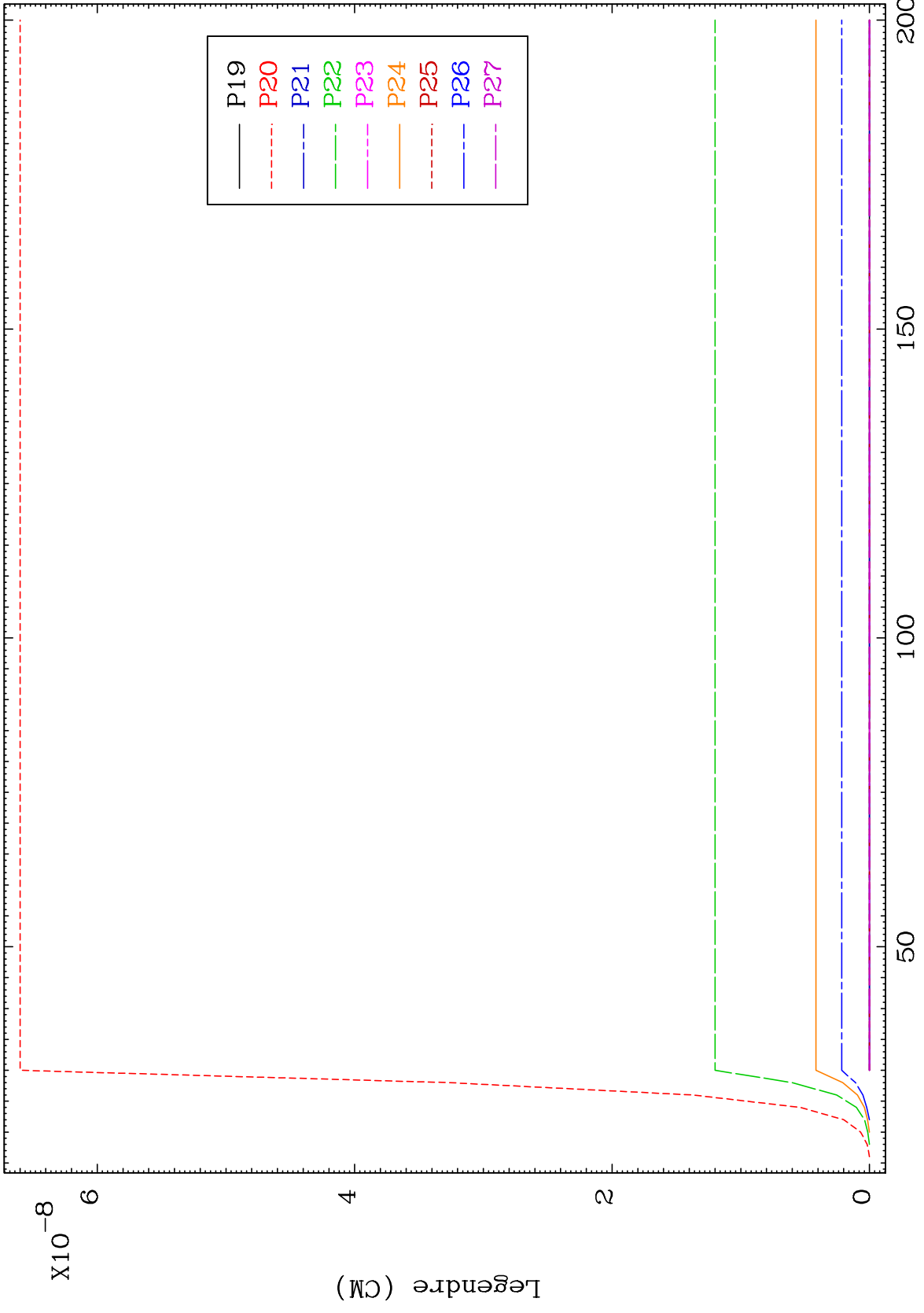


88

Incident Energy (MeV)

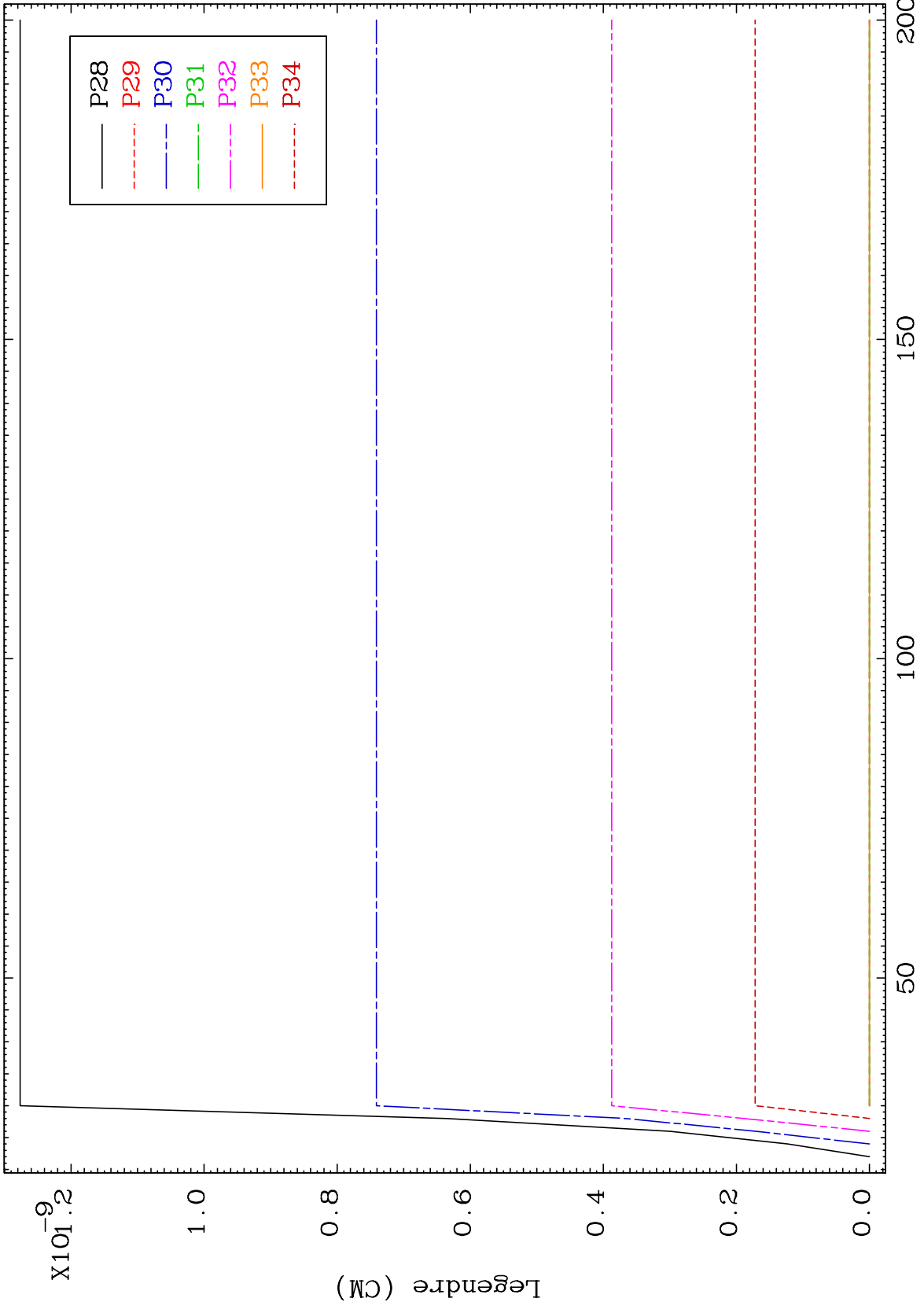
19-K -49

MAT 1955 MT= 72 (n,n') Level Legendre Coefficients 19-K -49



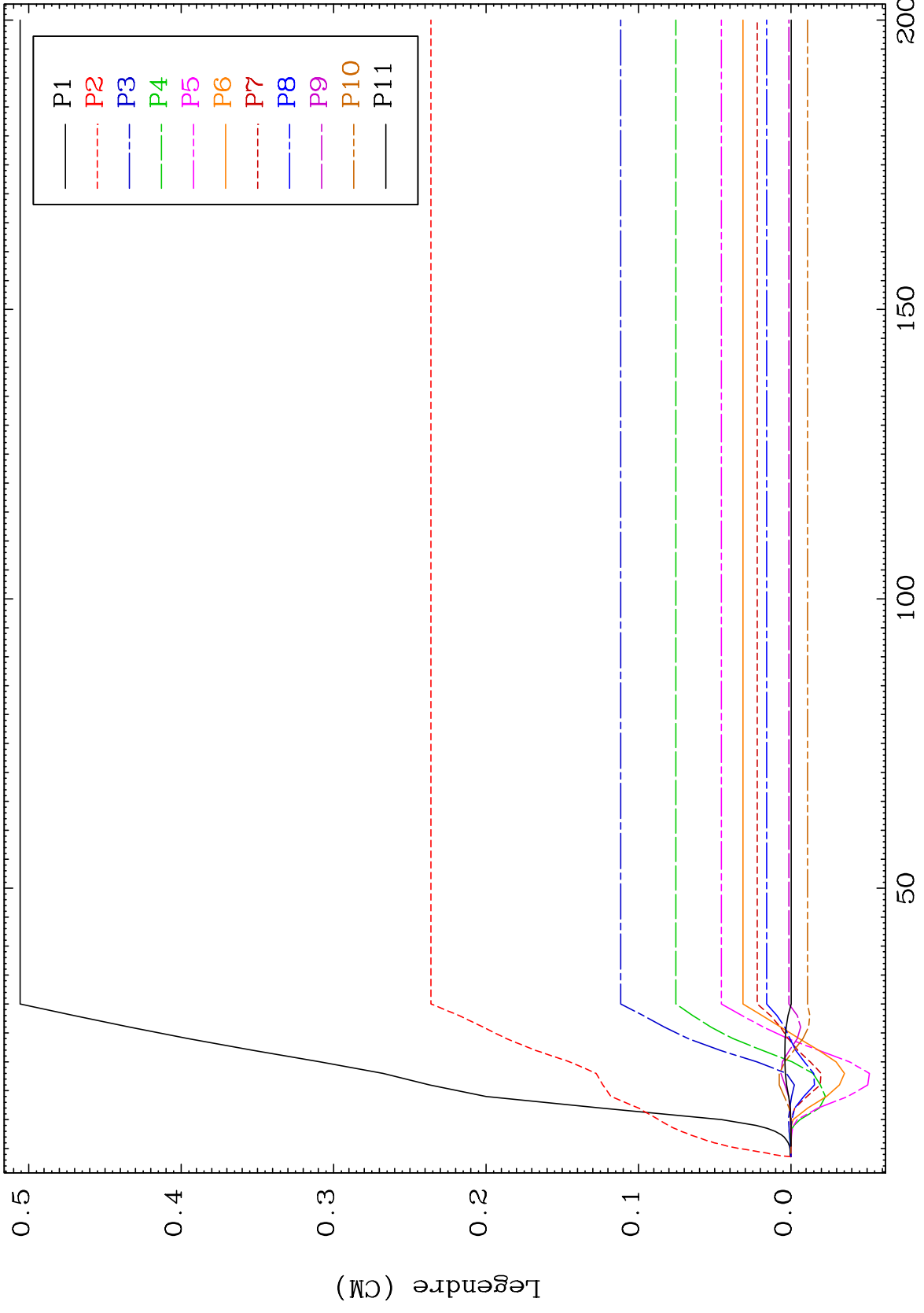
89 19-K -49

MAT 1955 MT= 72 (n,n') Level Legendre Coefficients 19-K -49



Legendre (CM) X101.2 Incident Energy (MeV) 19-K -49

MAT 1955 MT= 73 (n,n') Level Legendre Coefficients 19-K -49

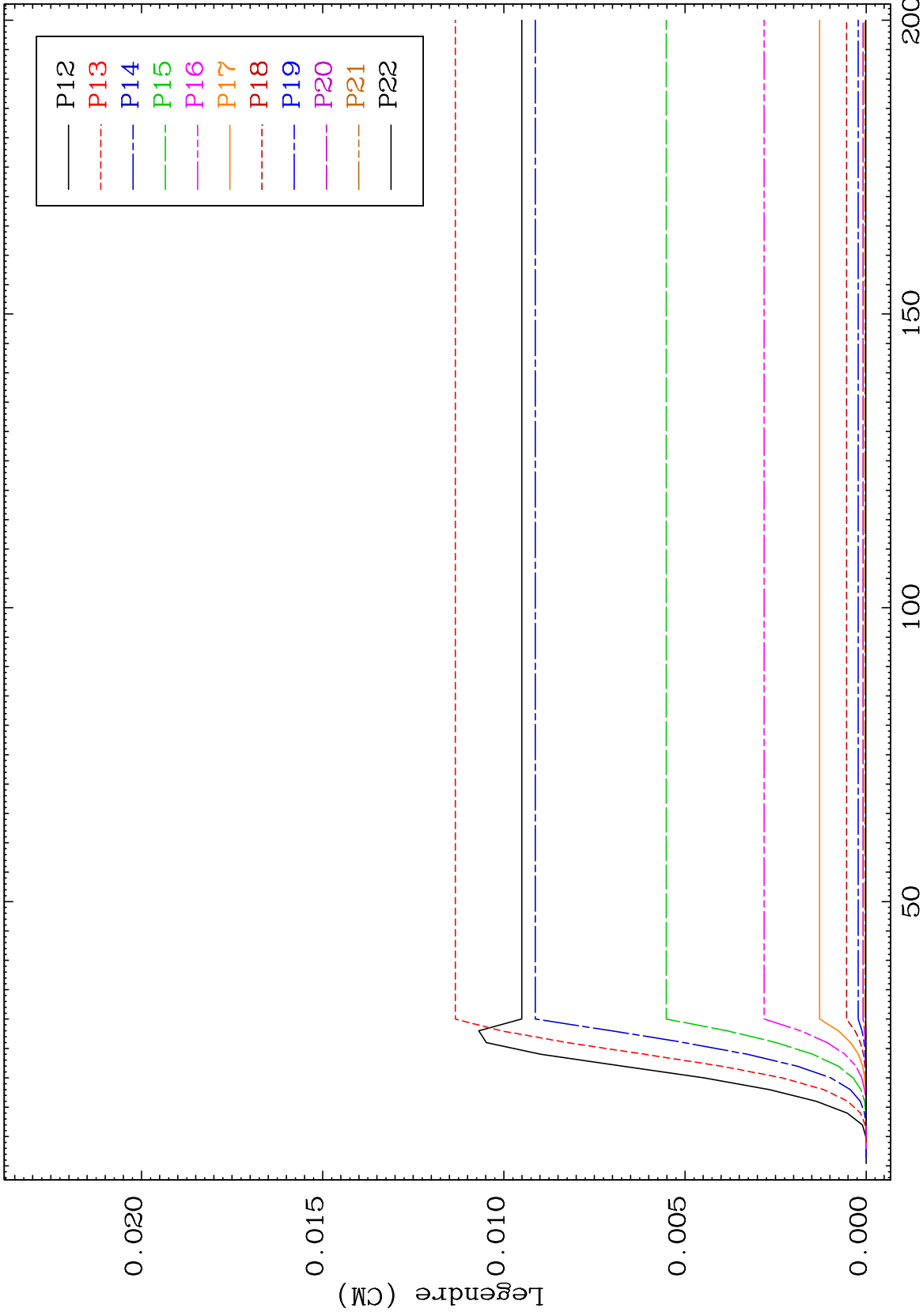


91 19-K -49

MAT 1955

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

19-K -49

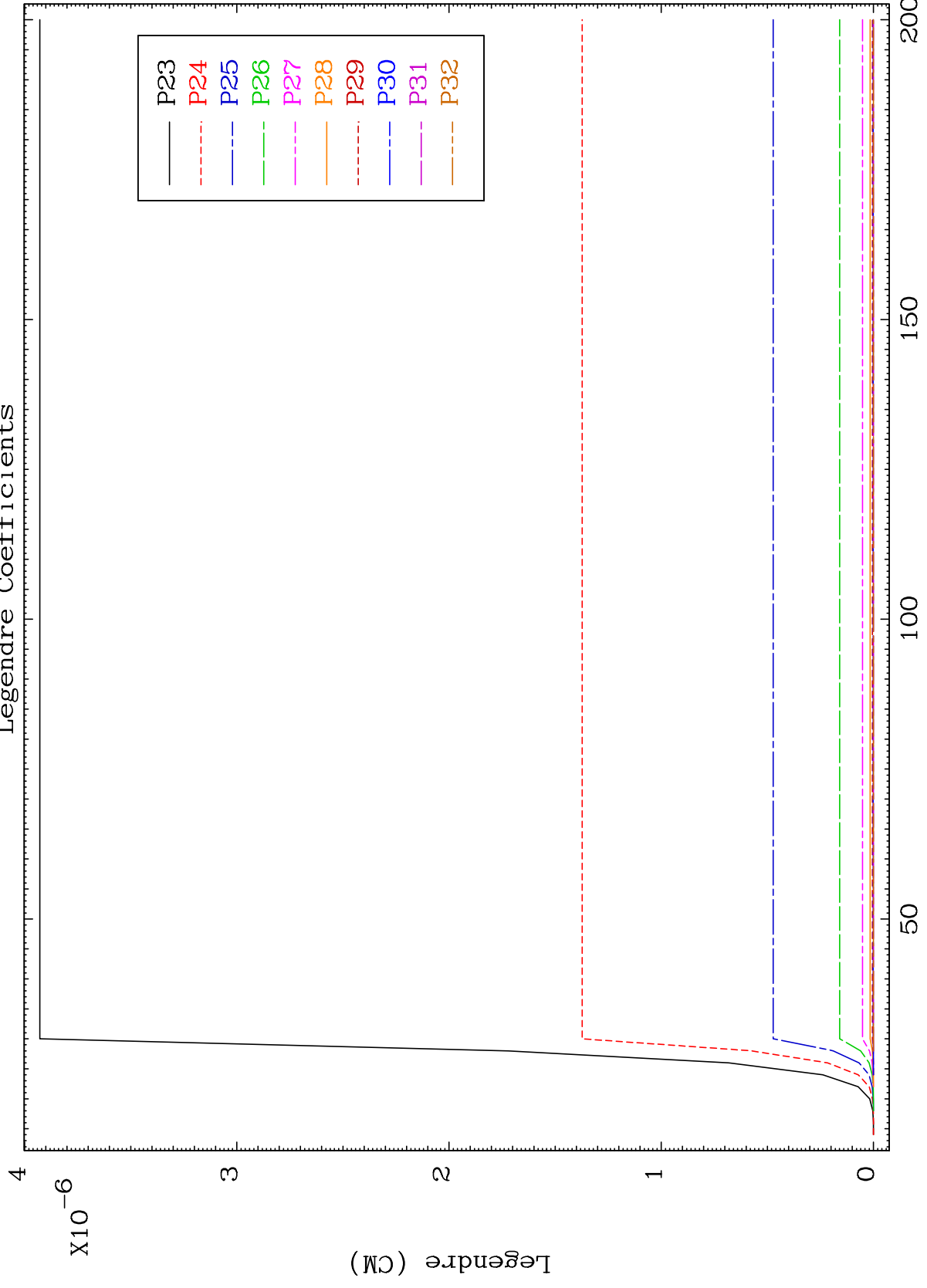


92

Incident Energy (MeV)

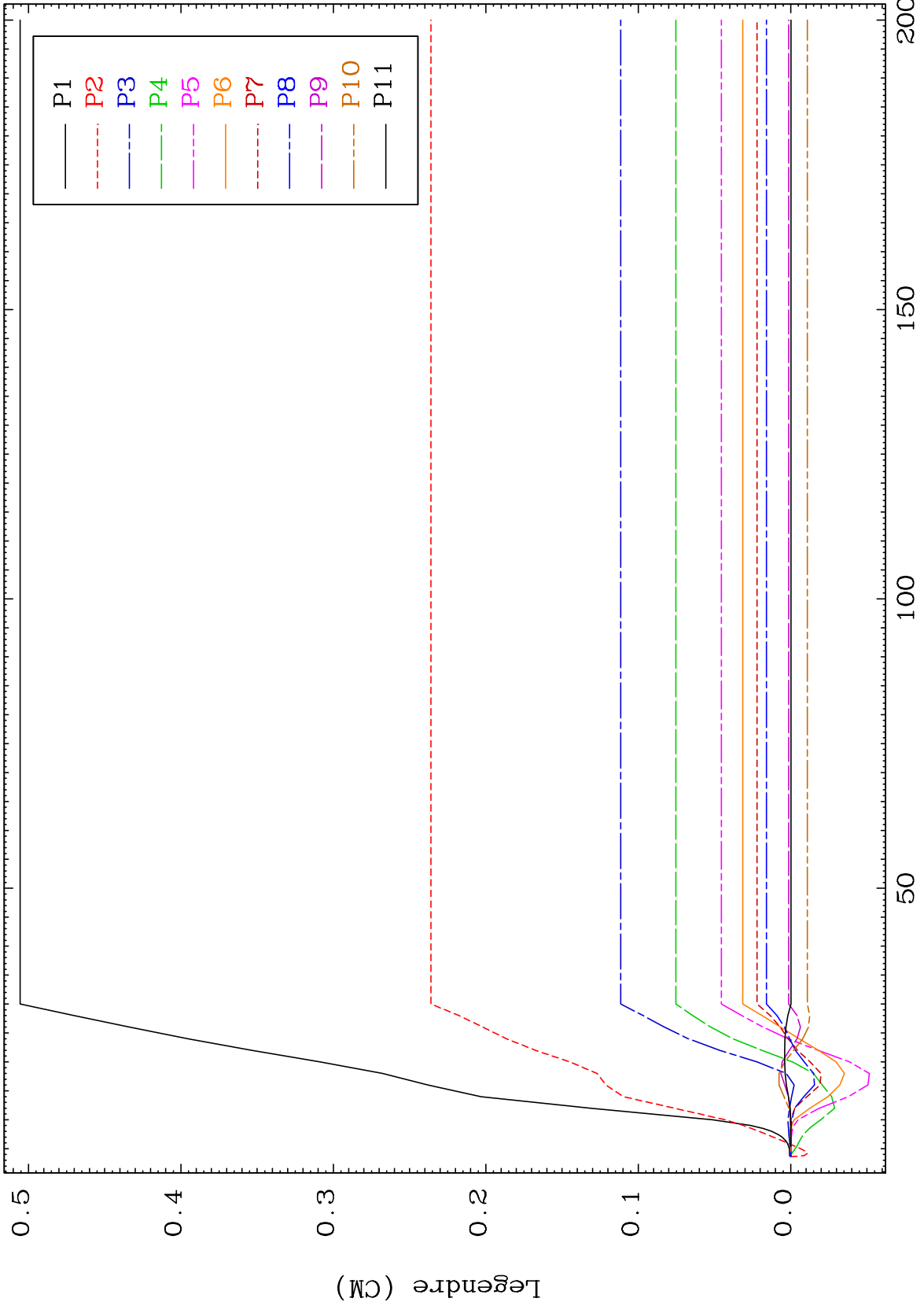
19-K -49

MAT 1955 MT= 73 (n,n') Level Legendre Coefficients 19-K -49



93 19-K -49

MAT 1955 MT= 74 (n,n') Level Legendre Coefficients 19-K -49

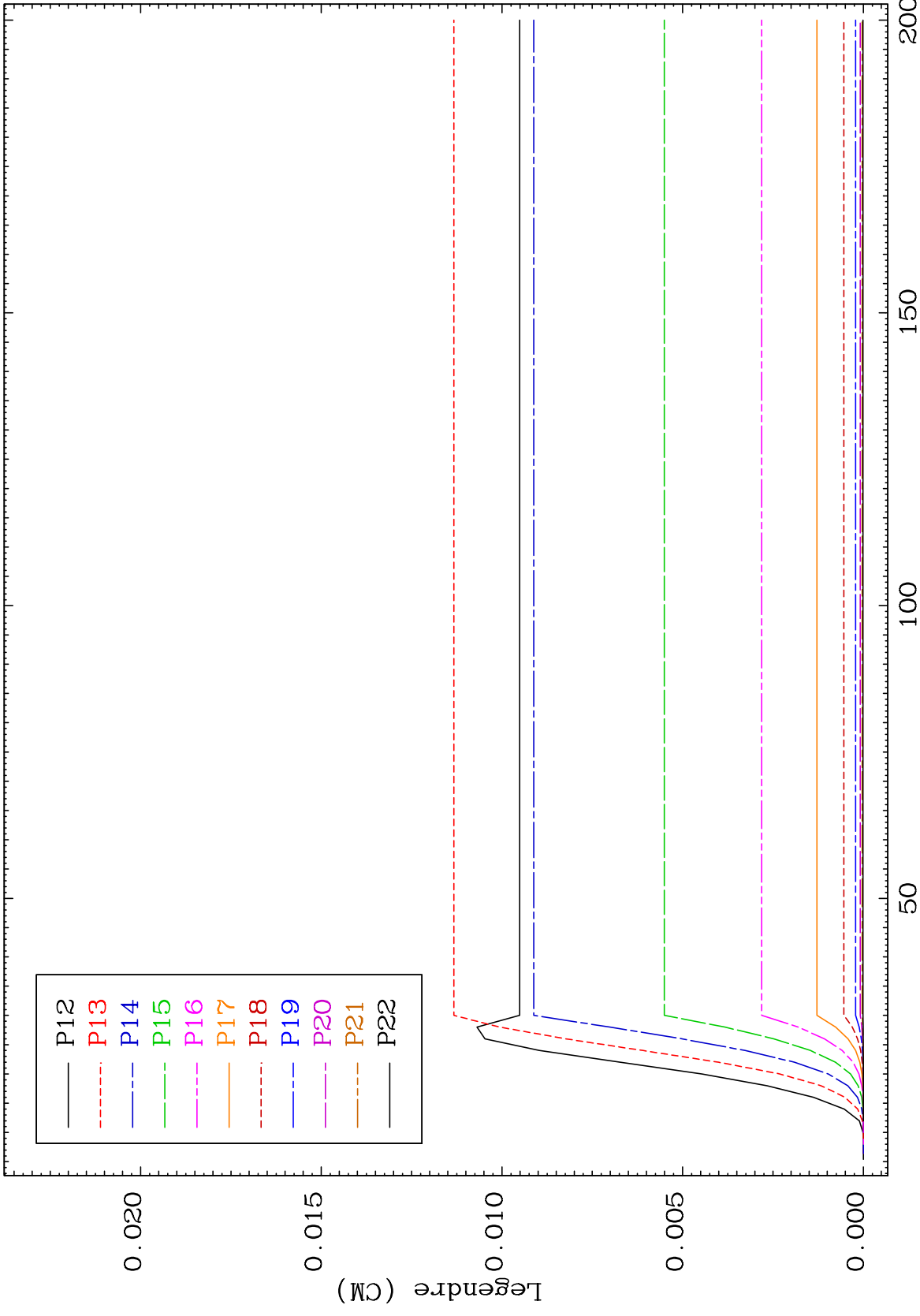


94 19-K -49

MAT 1955

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

19-K -49



95

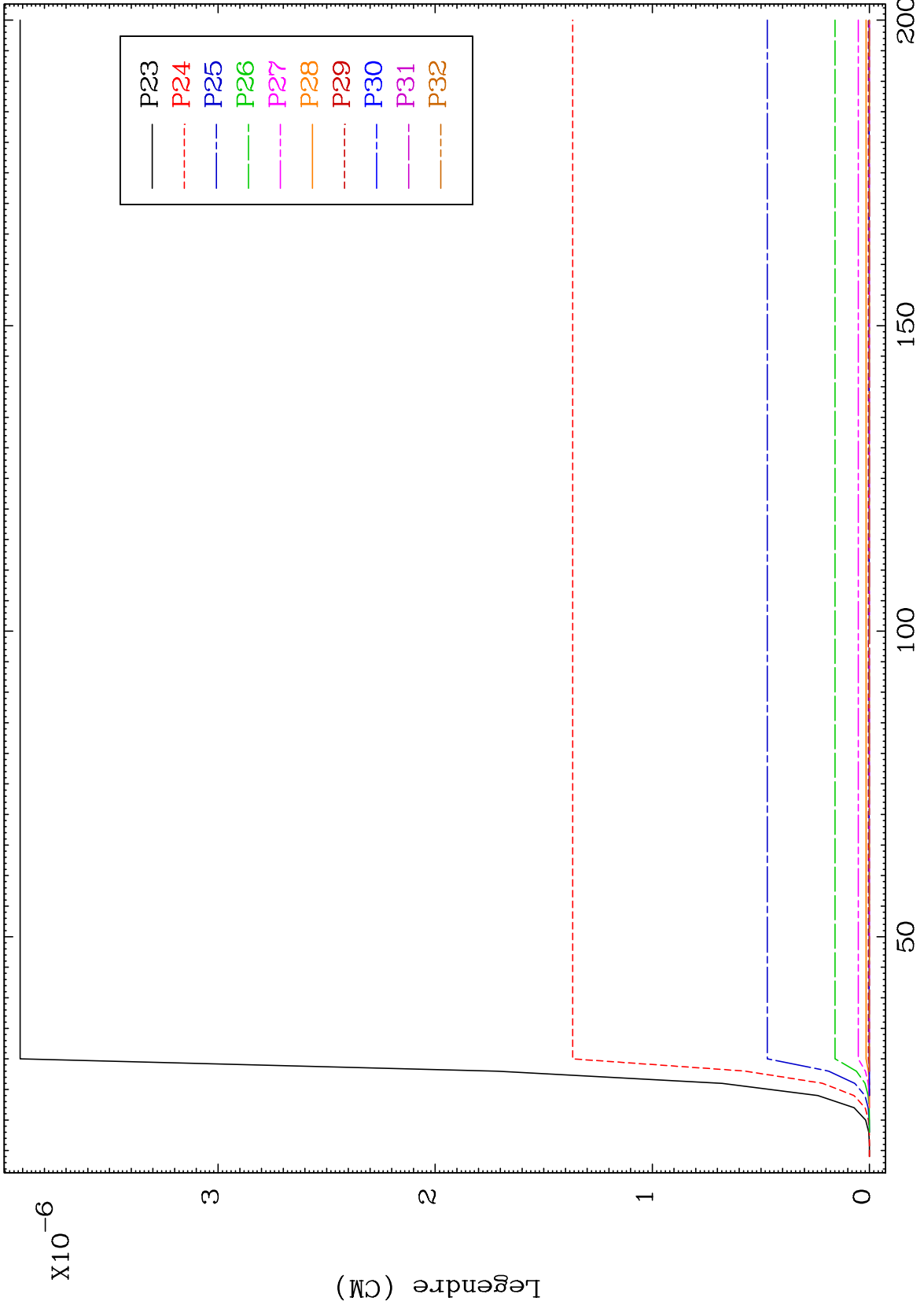
Incident Energy (MeV)

19-K -49

MAT 1955

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

19-K -49



96

19-K -49

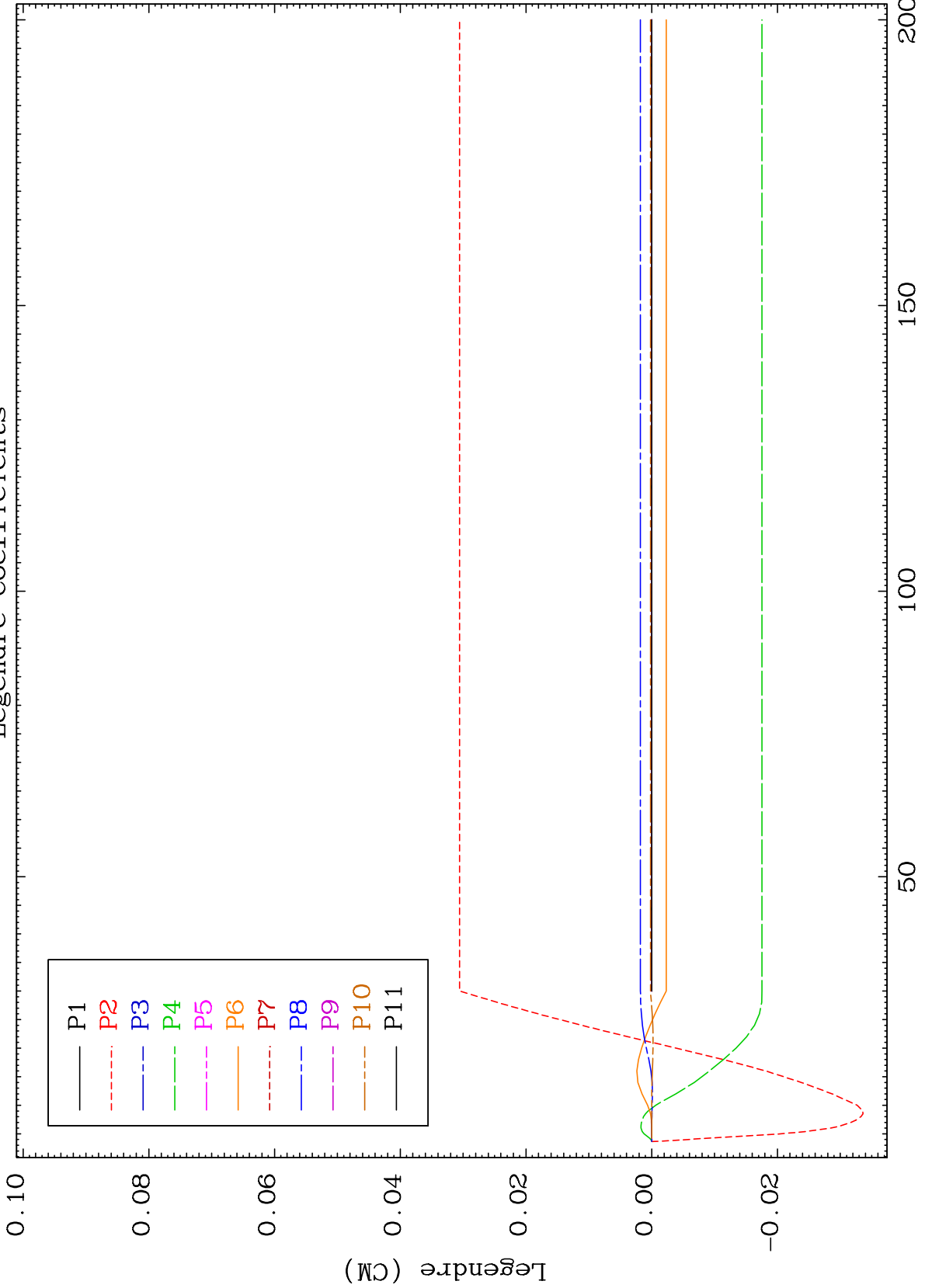
MAT 1955 MT= 75 (n,n') Level Legendre Coefficients

19-K -49

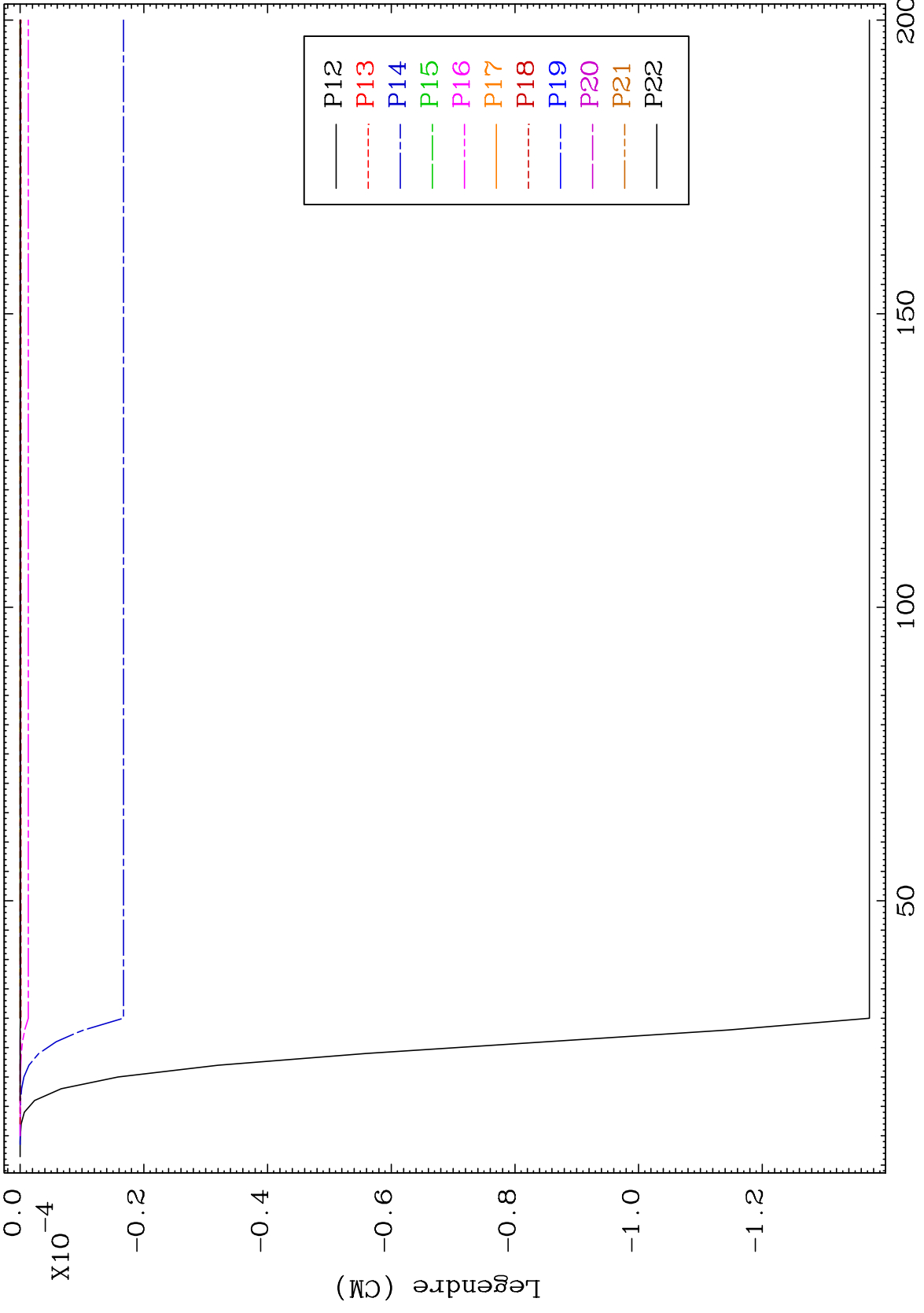
19-K -49

Incident Energy (MeV)

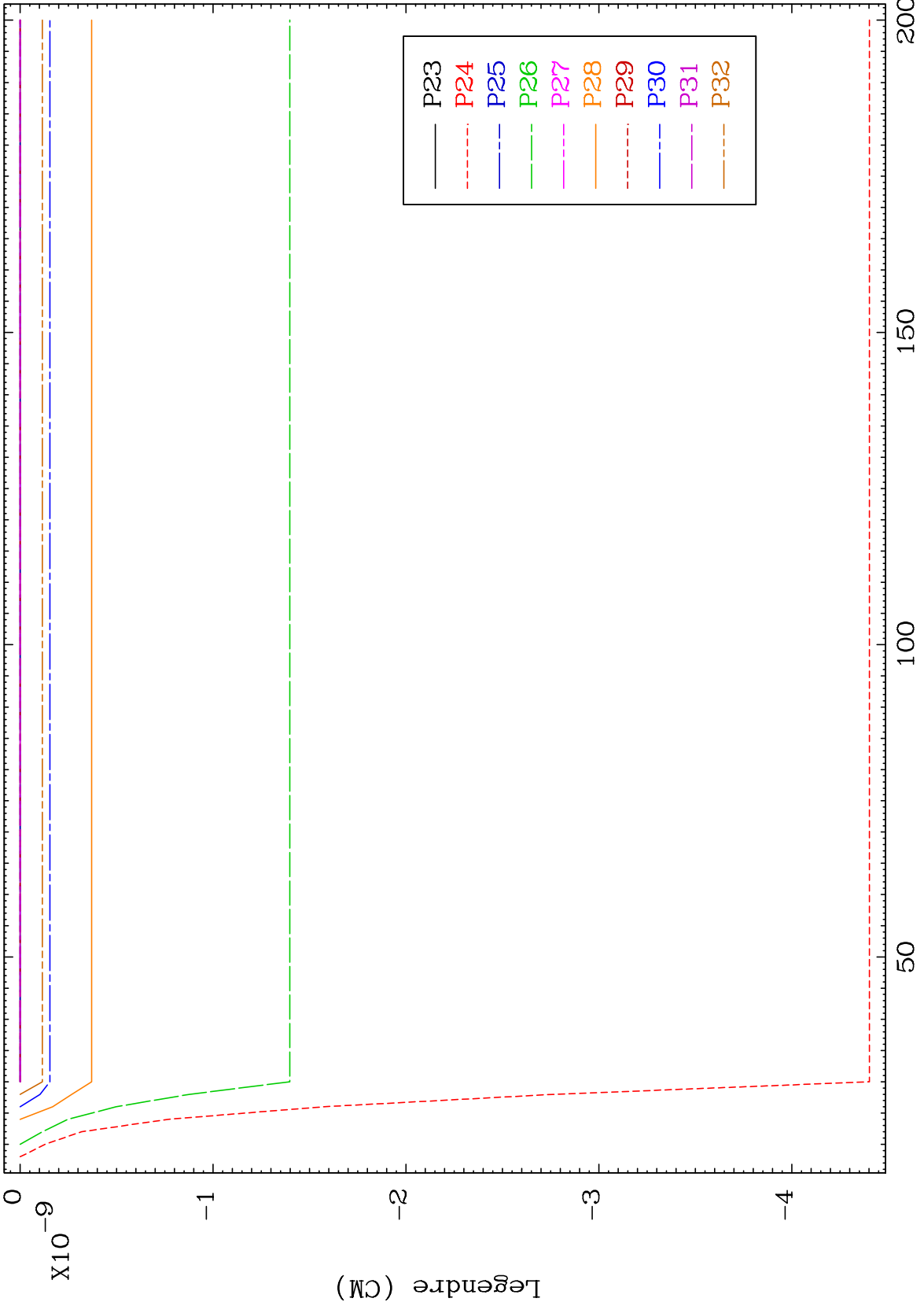
97



MAT 1955 MT= 75 (n,n') Level Legendre Coefficients 19-K -49



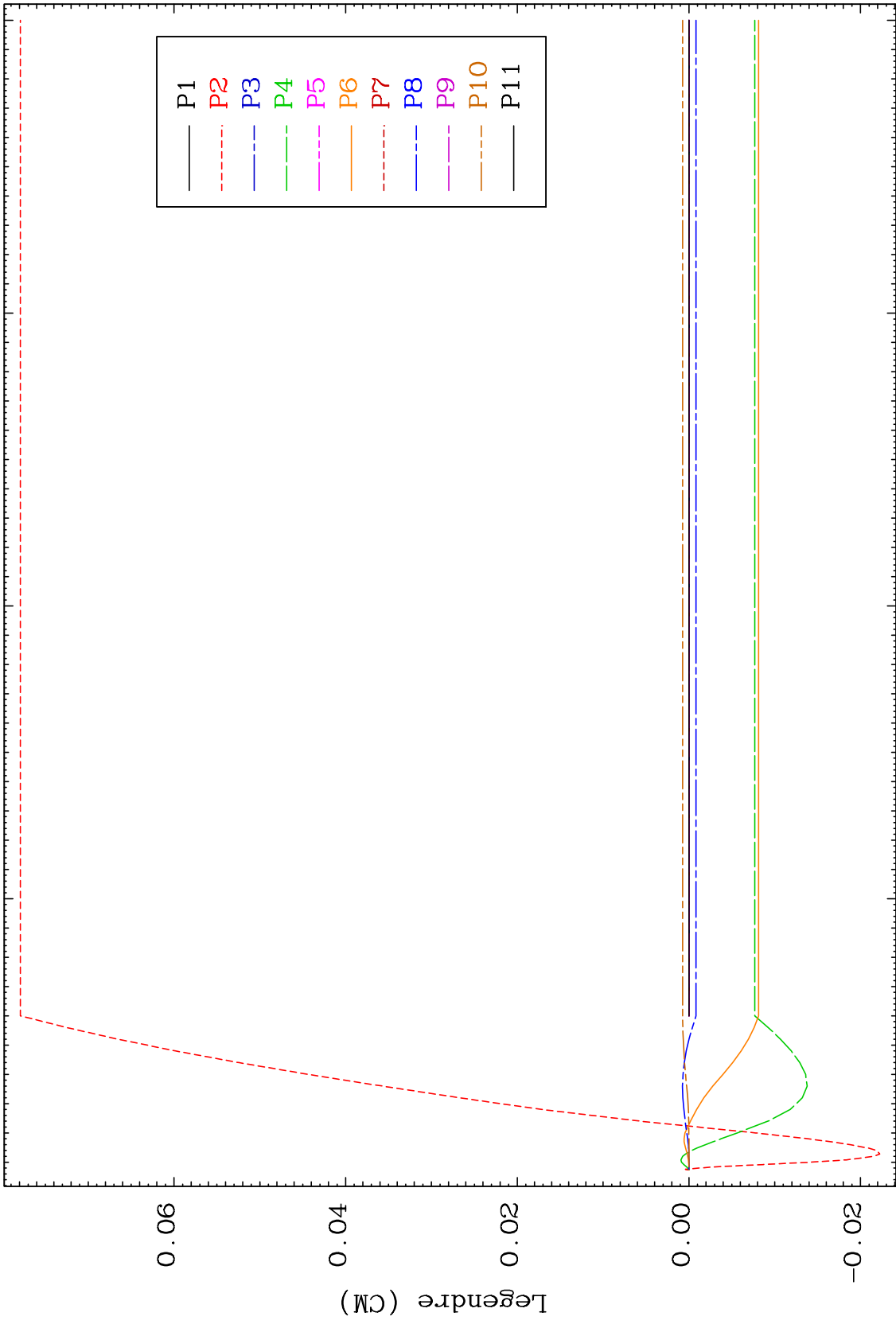
MAT 1955 MT= 75 (n,n') Level Legendre Coefficients 19-K -49



99

19-K -49

MAT 1955 MT= 76 (n,n') Level Legendre Coefficients 19-K -49

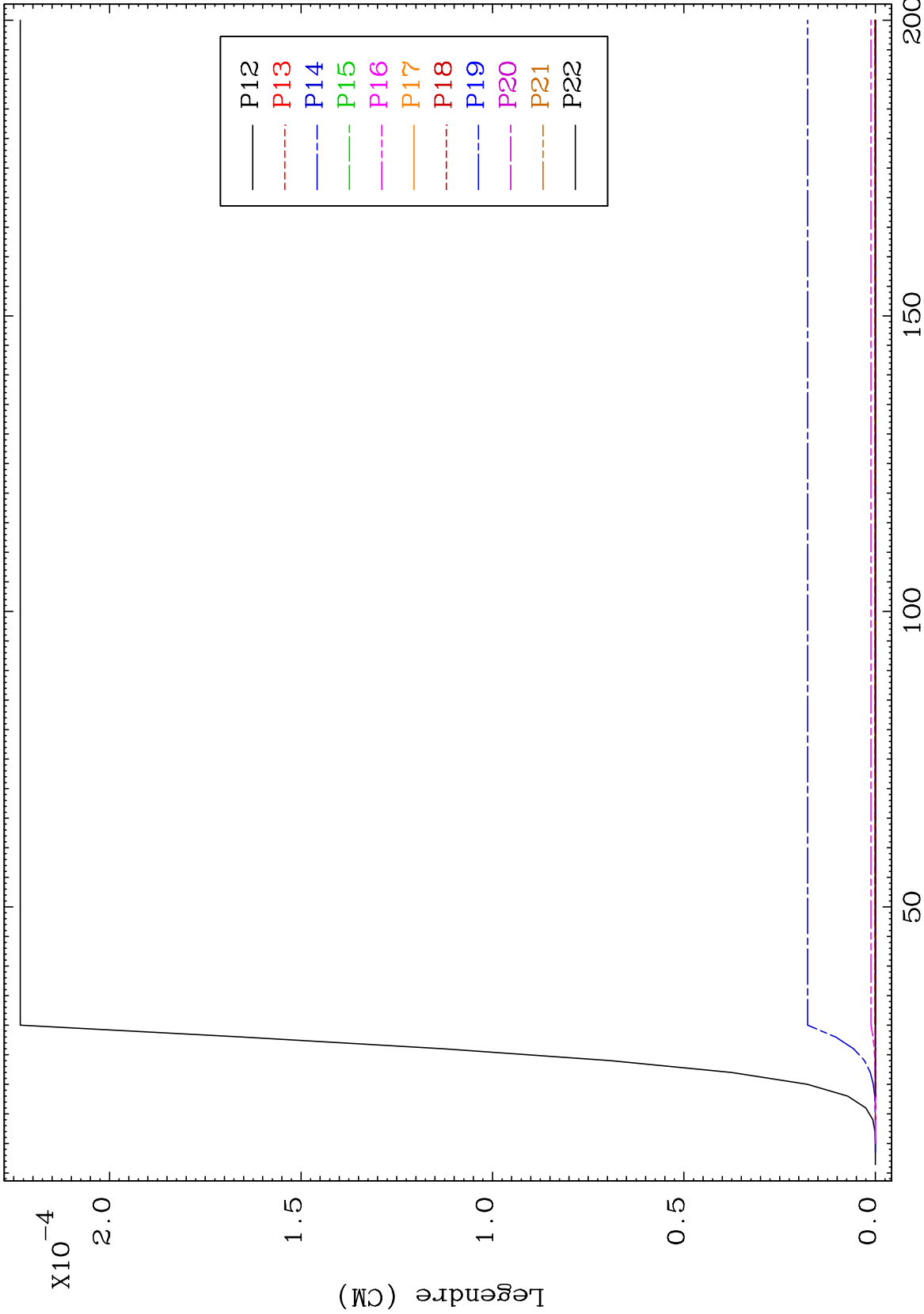


19-K -49

MAT 1955

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

19-K -49

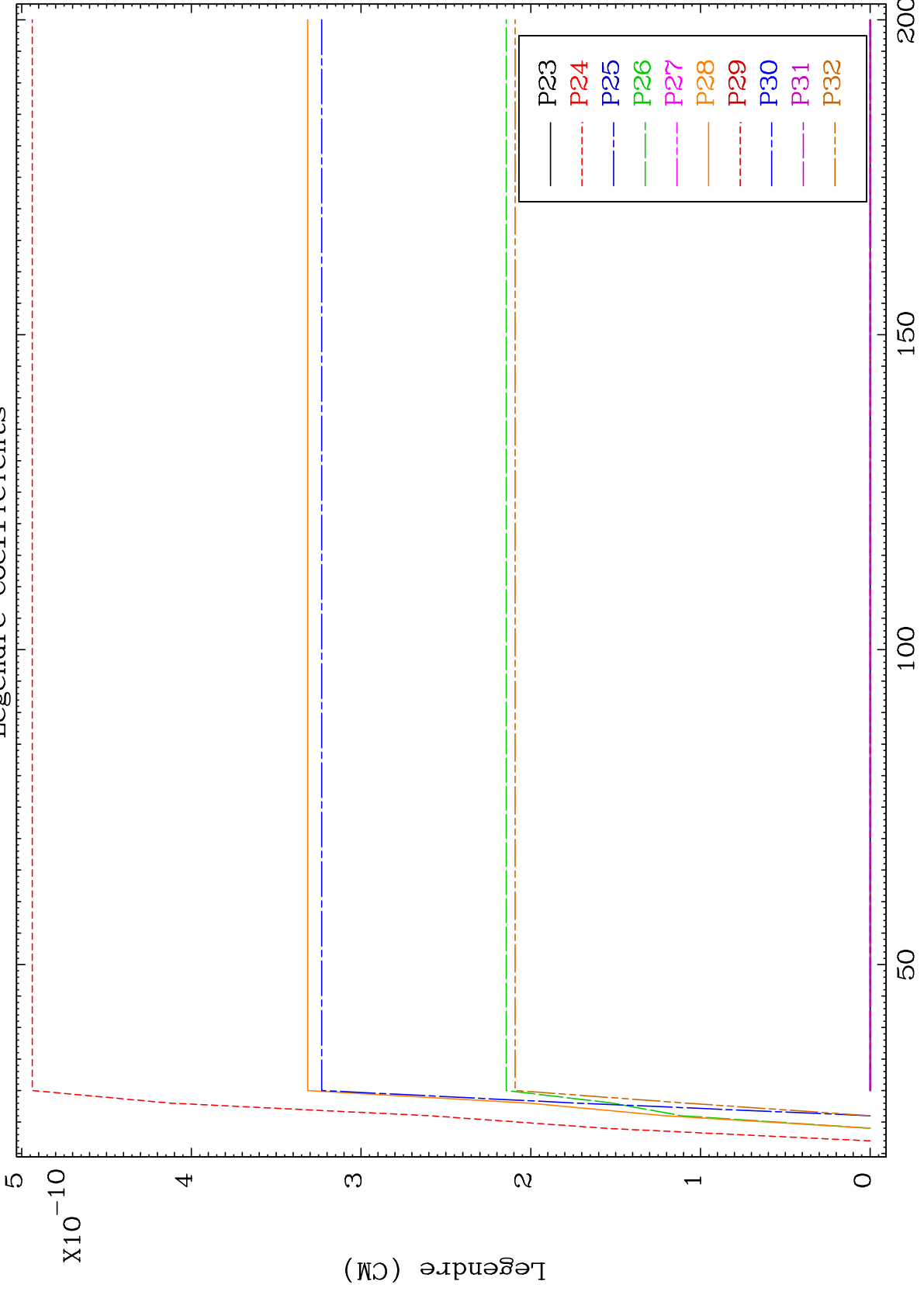


101

Incident Energy (MeV)

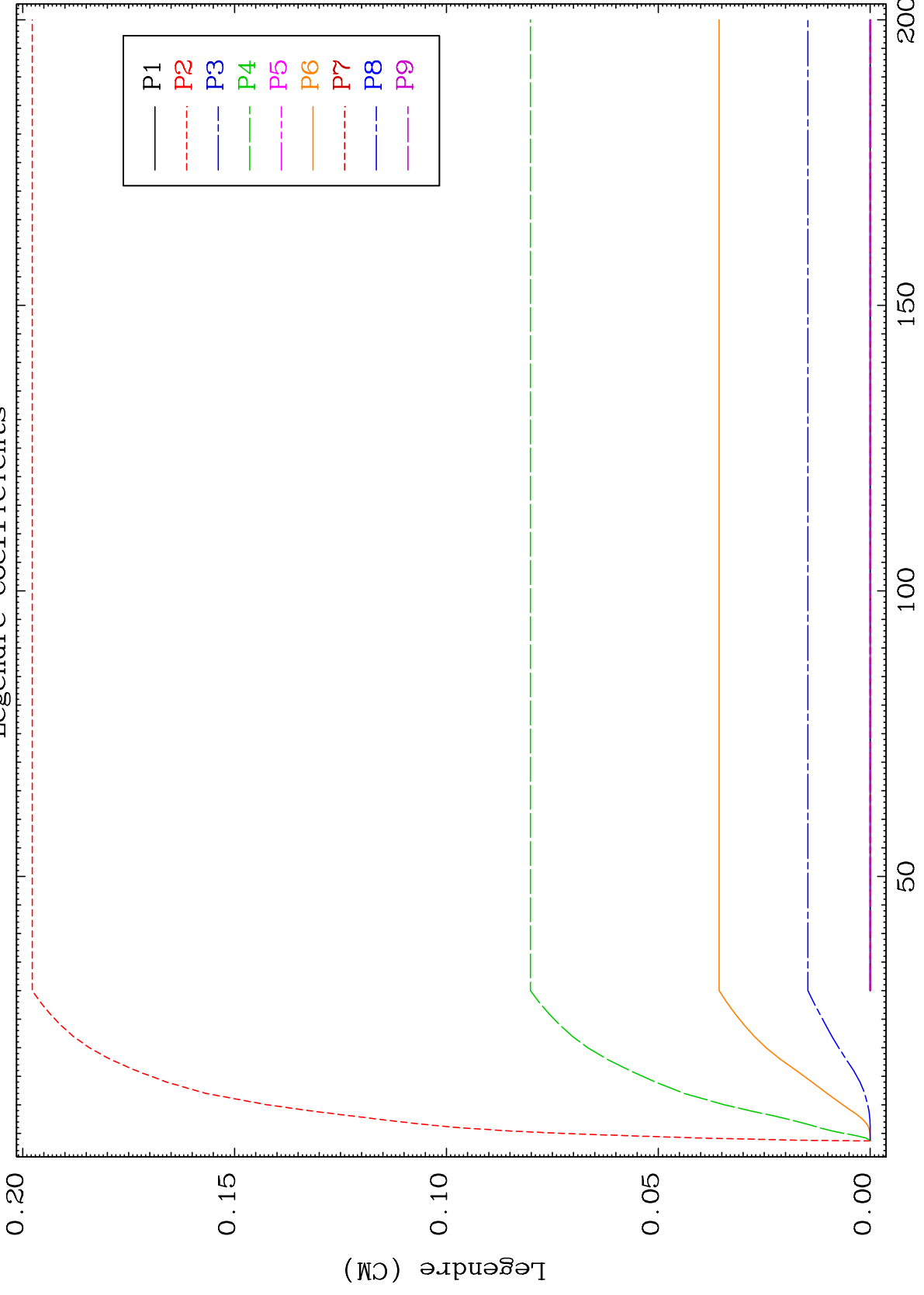
19-K -49

MAT 1955 MT= 76 (n,n') Level Legendre Coefficients 19-K -49



102 50 100 150 200 Incident Energy (MeV) 19-K -49

MAT 1955 MT= 77 (n,n') Level Legendre Coefficients 19-K -49

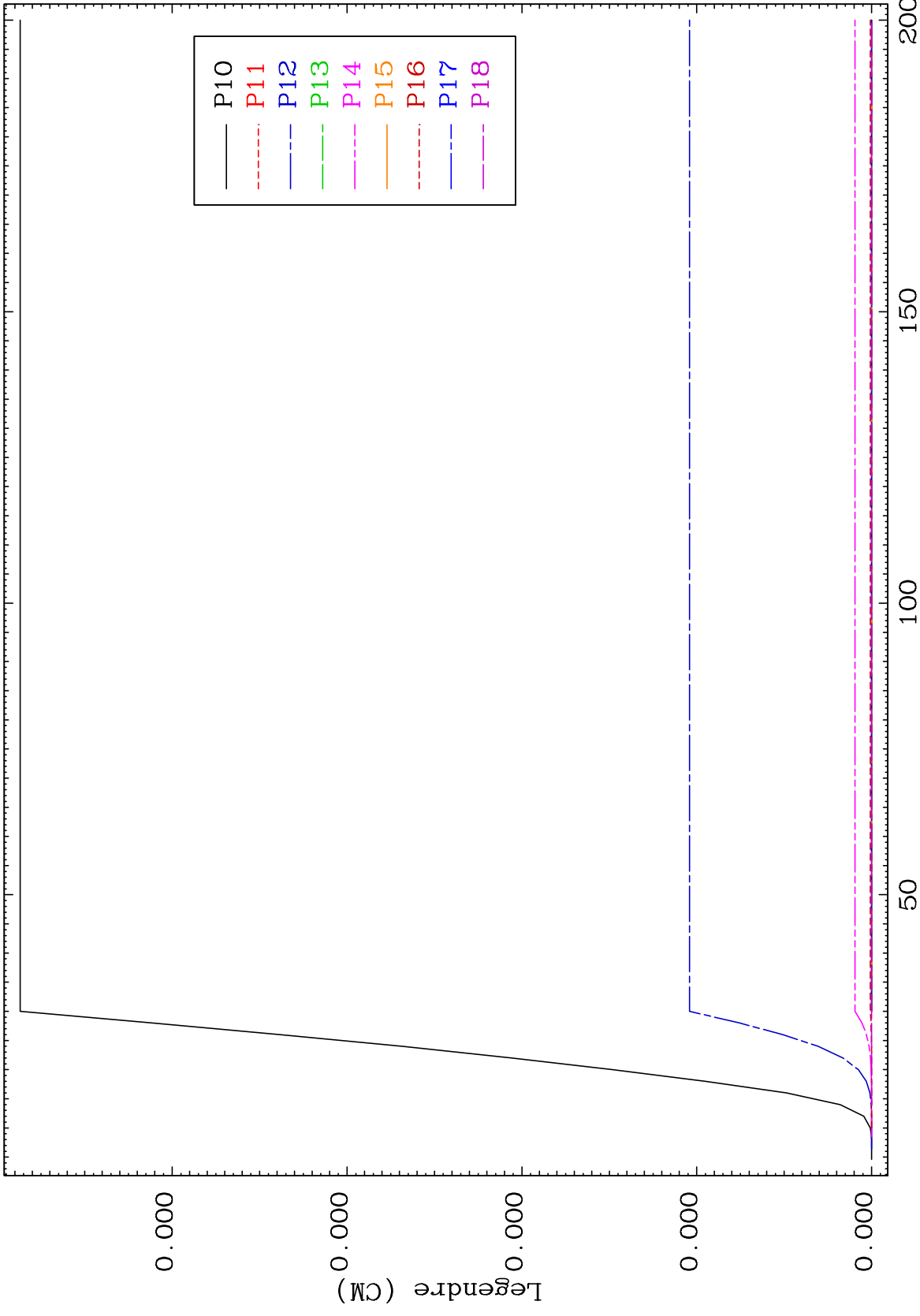


103 Incident Energy (MeV) 19-K -49

MAT 1955

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

19-K -49

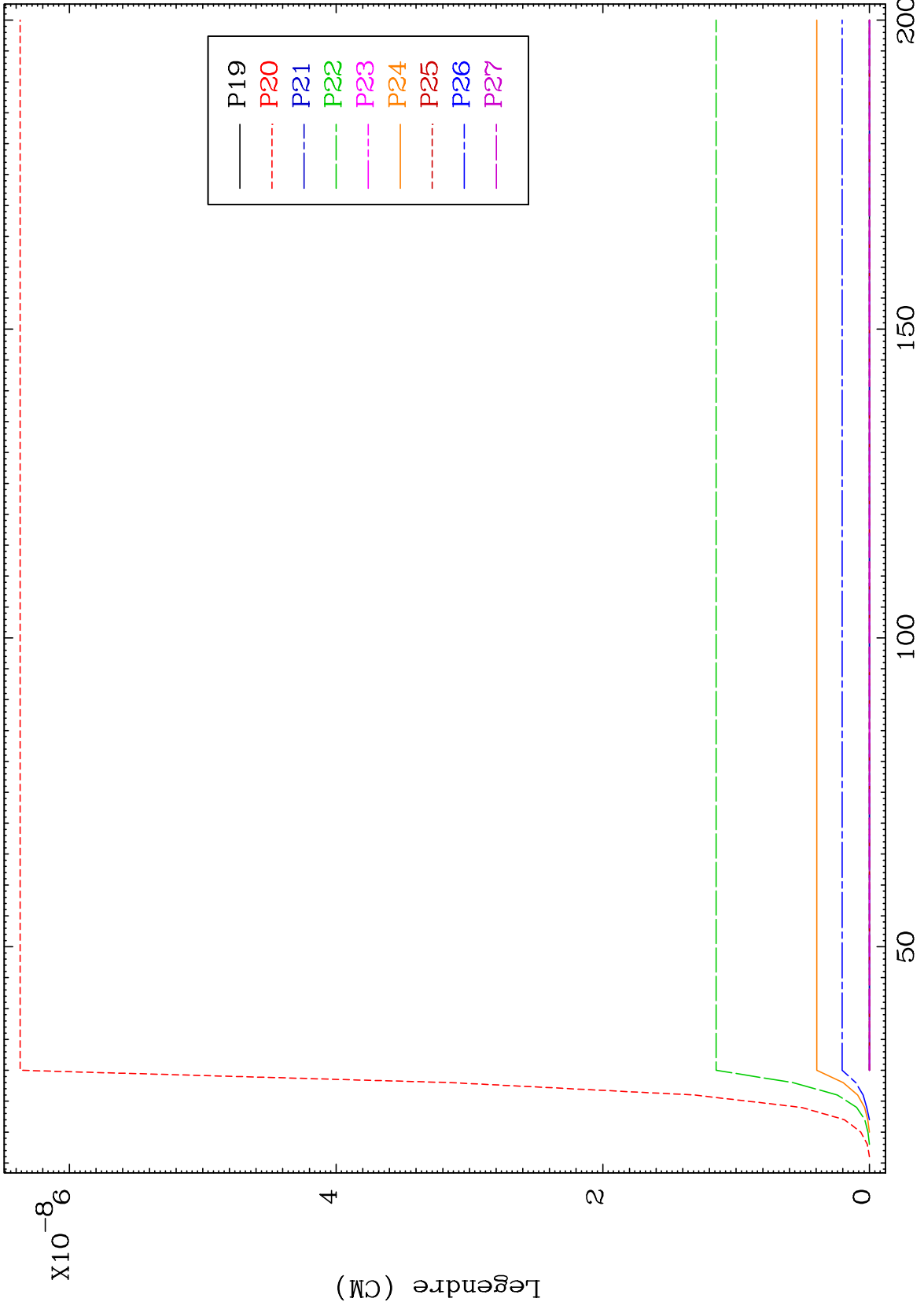


104

Incident Energy (MeV)

19-K -49

MAT 1955 MT= 77 (n,n') Level Legendre Coefficients 19-K -49

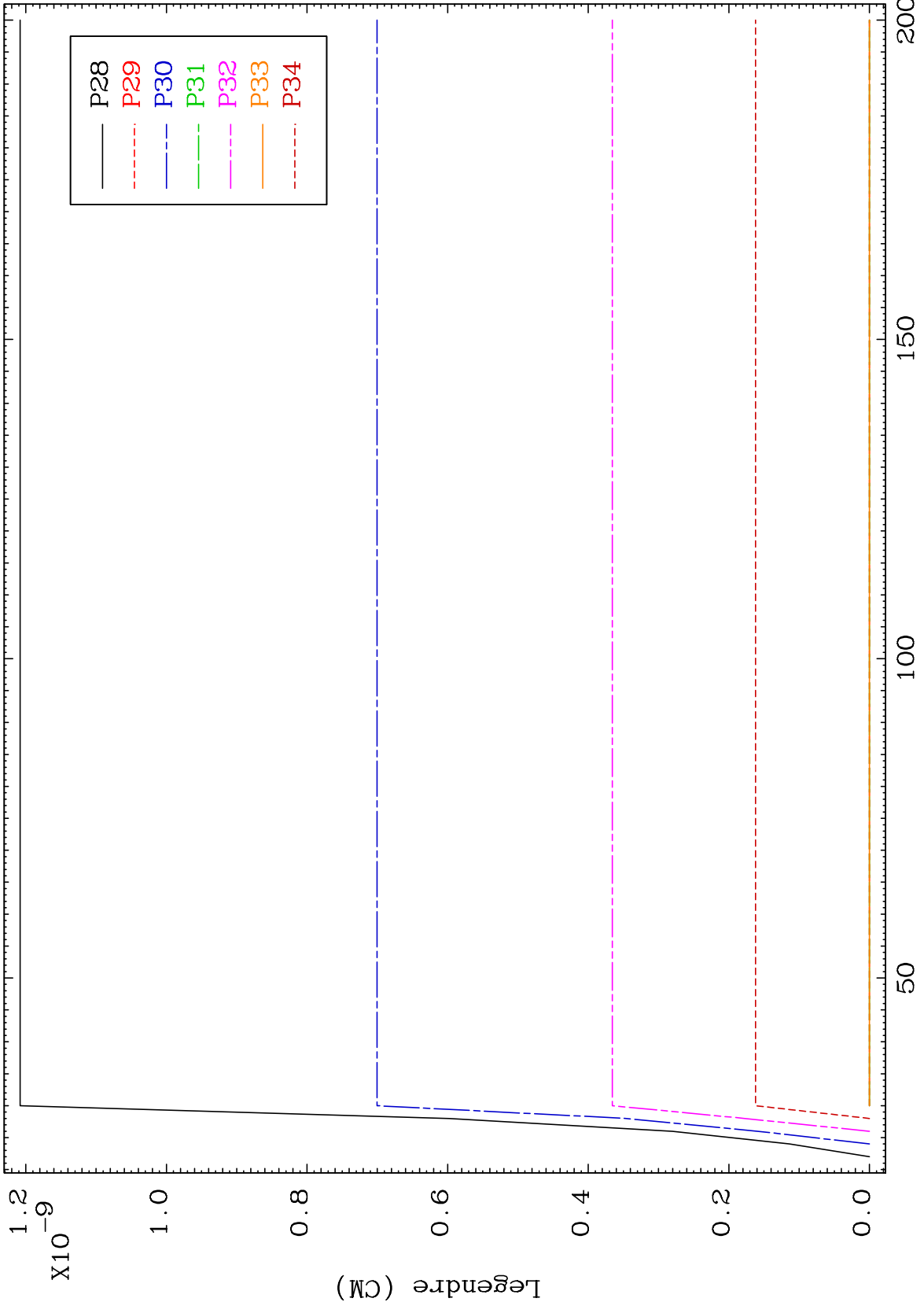


19-K -49

MAT 1955

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

19-K -49

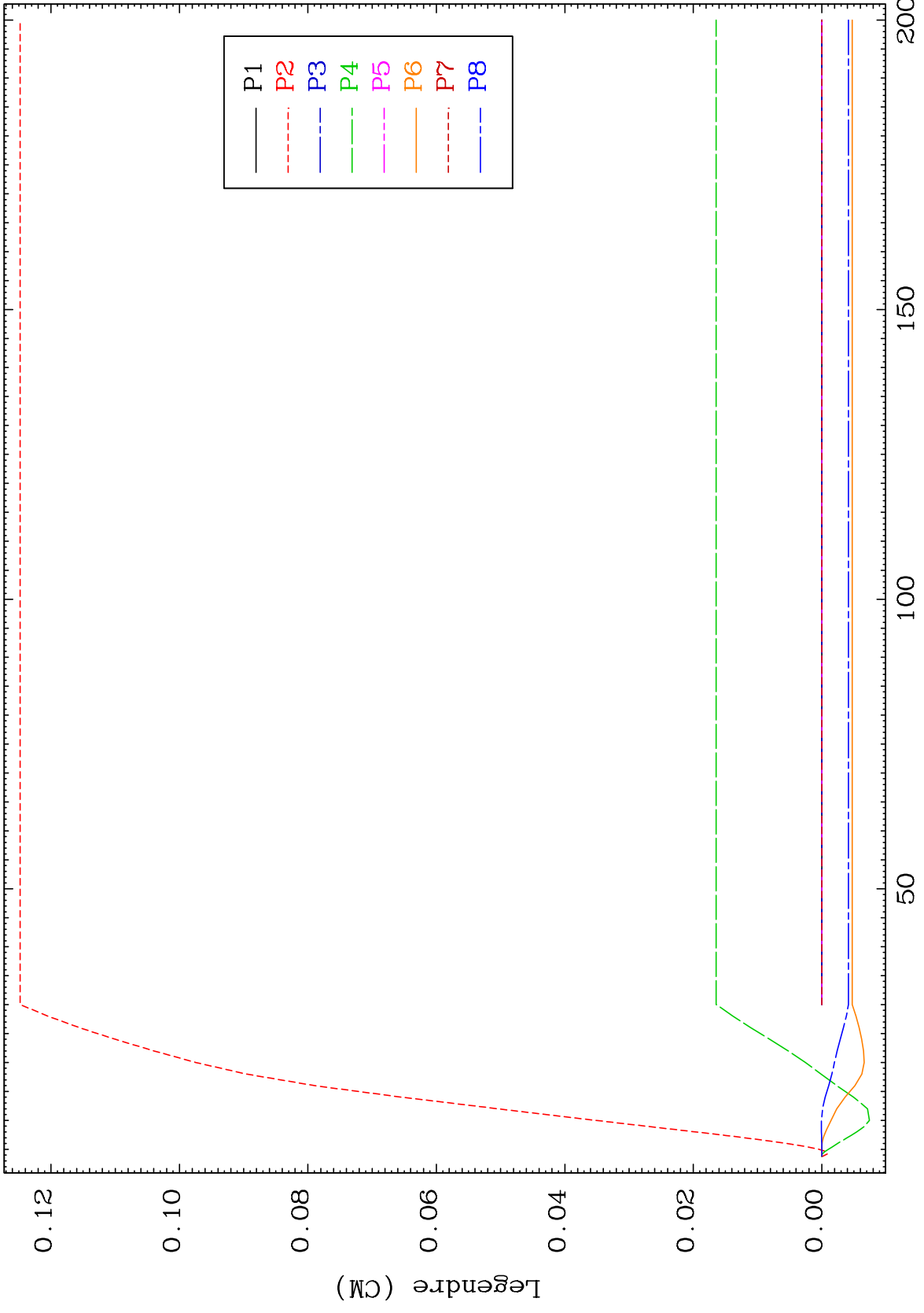


106

Incident Energy (MeV)

19-K -49

MAT 1955 MT= 78 (n,n') Level Legendre Coefficients 19-K -49

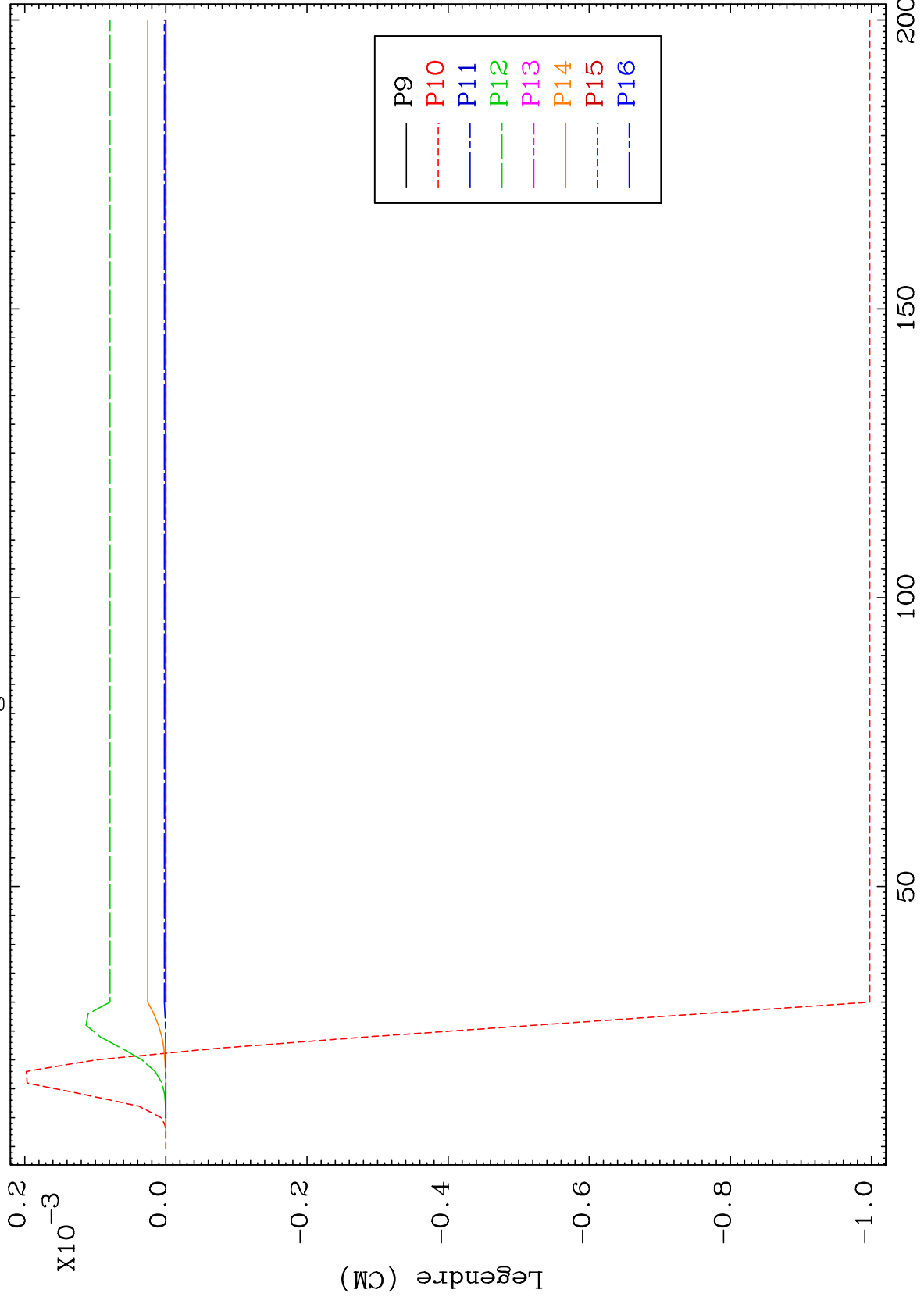


107 19-K -49

MAT 1955

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

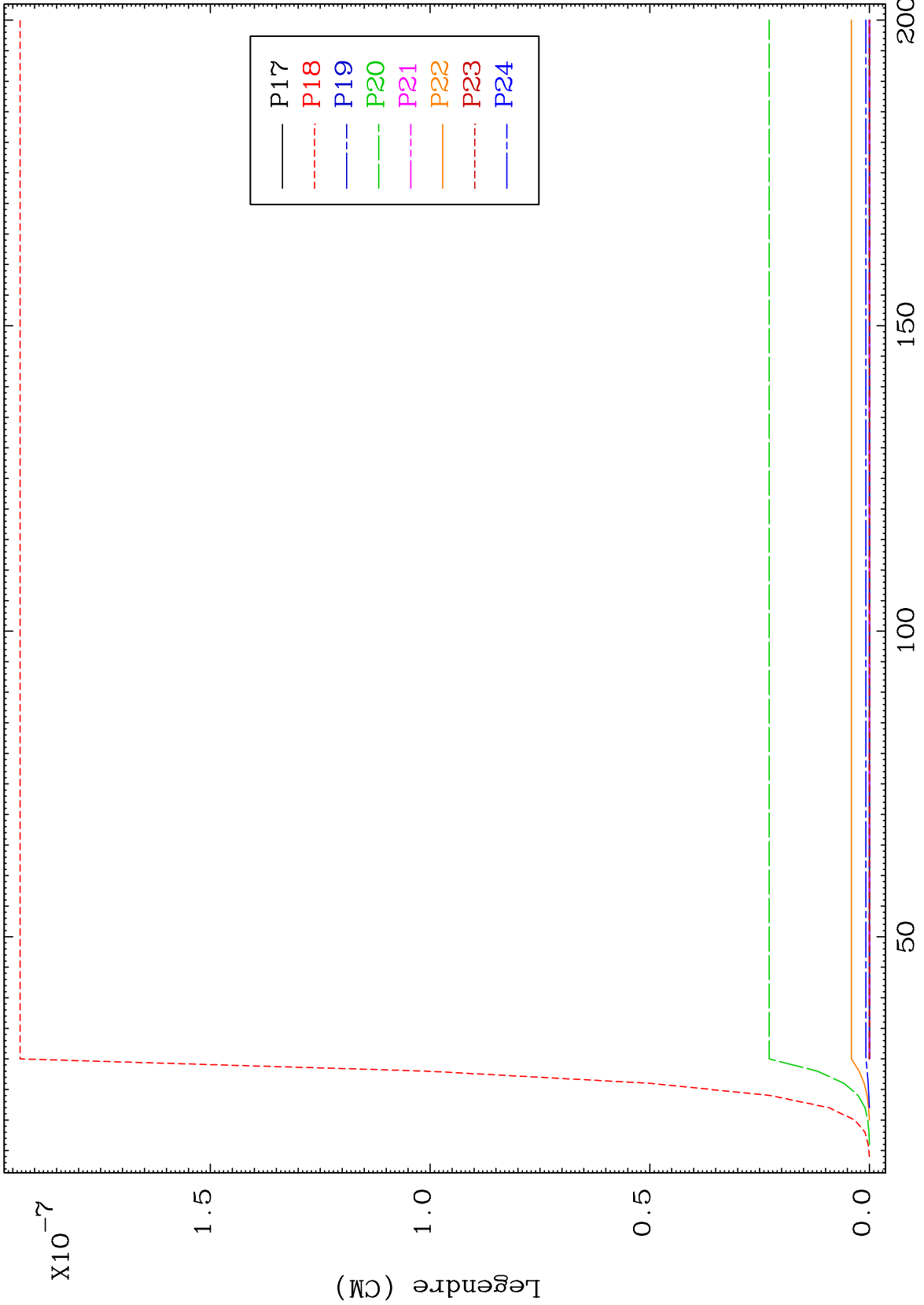
19-K -49



108

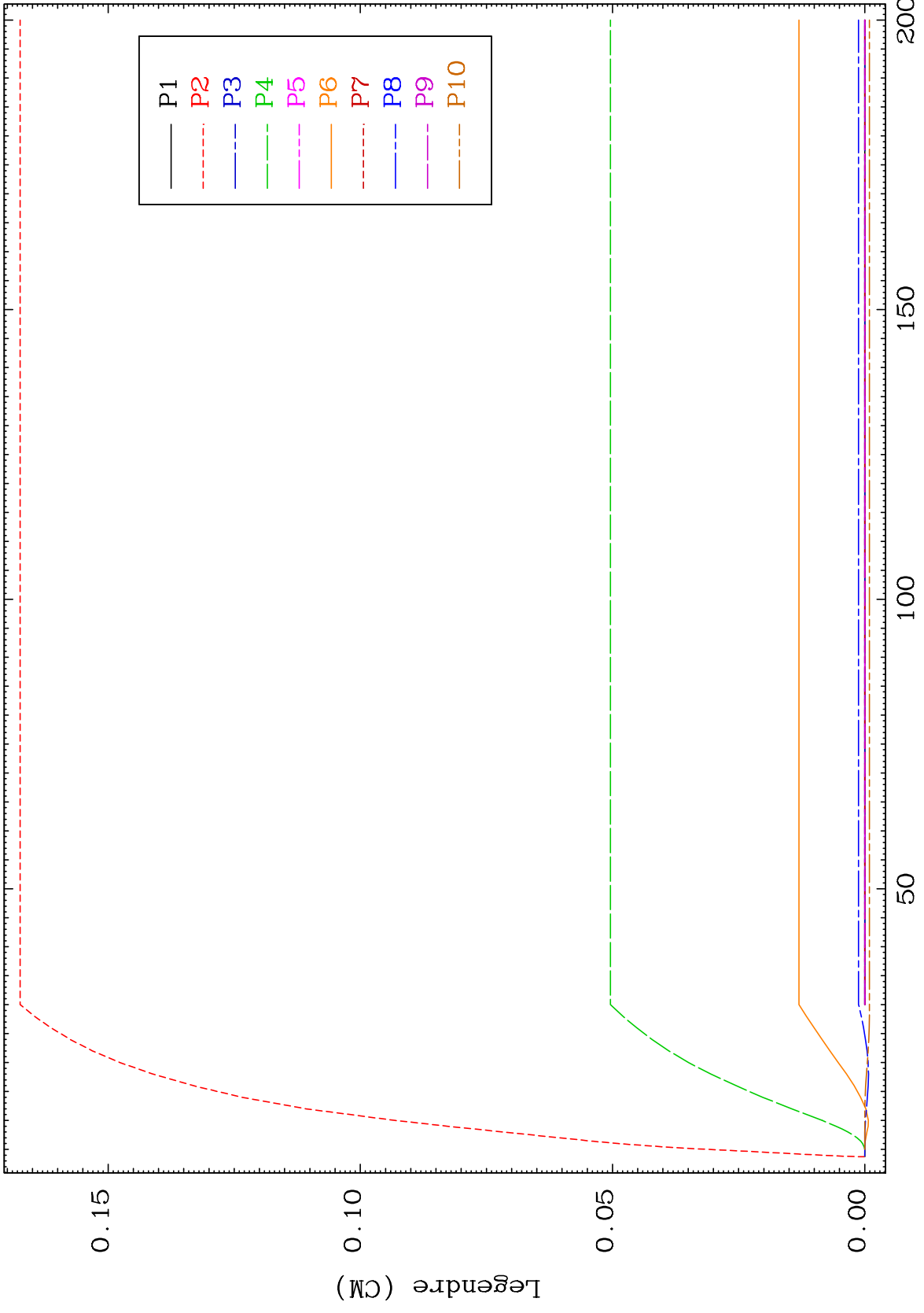
19-K -49

MAT 1955 MT= 78 (n,n') Level Legendre Coefficients 19-K -49



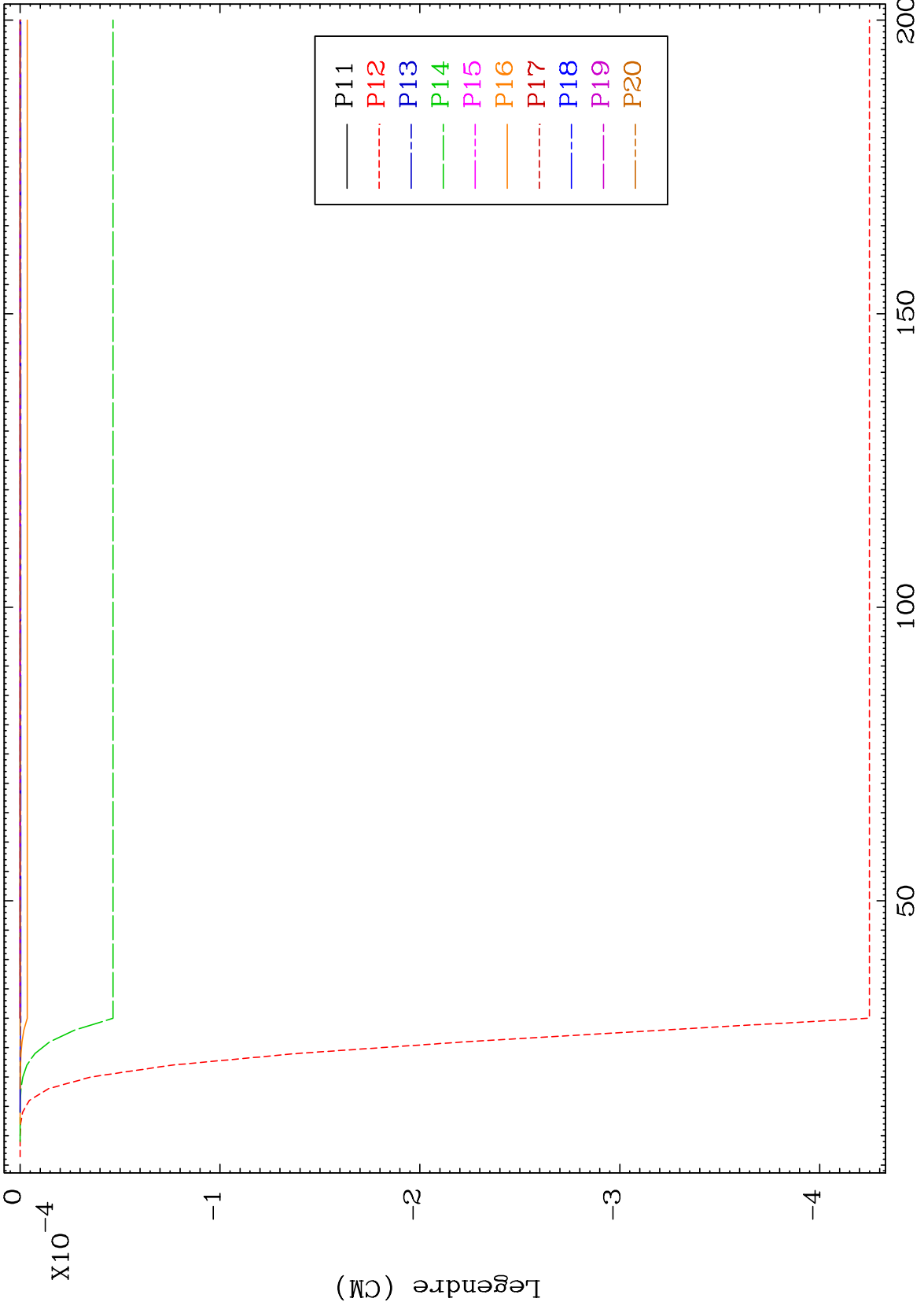
109 50 100 150 200 Incident Energy (MeV) 19-K -49

MAT 1955 MT= 79 (n,n') Level Legendre Coefficients 19-K -49



110 Incident Energy (MeV) 19-K -49

MAT 1955 MT= 79 (n,n') Level Legendre Coefficients 19-K -49

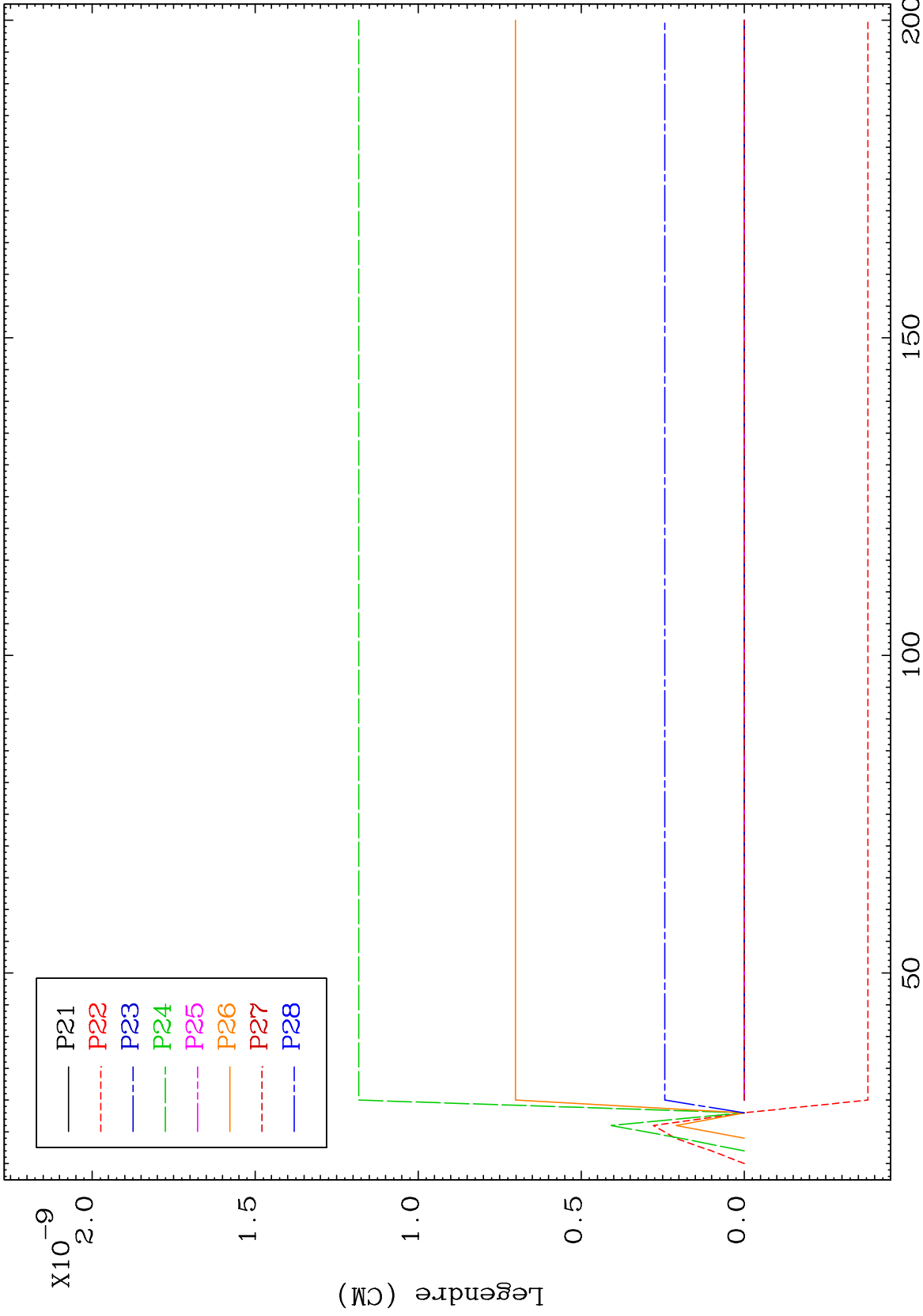


111 19-K -49

MAT 1955

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

19-K -49

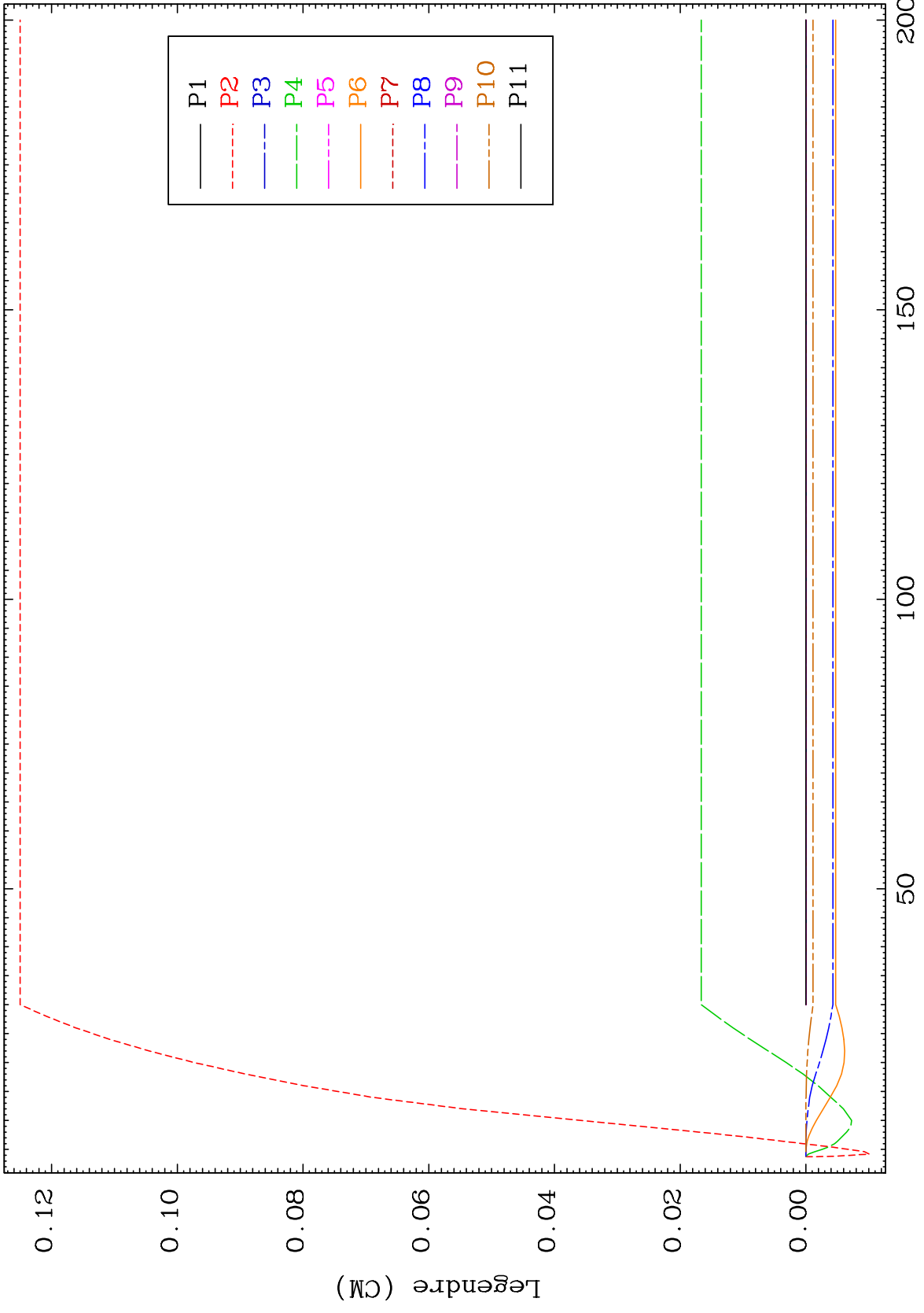


112

Incident Energy (MeV)

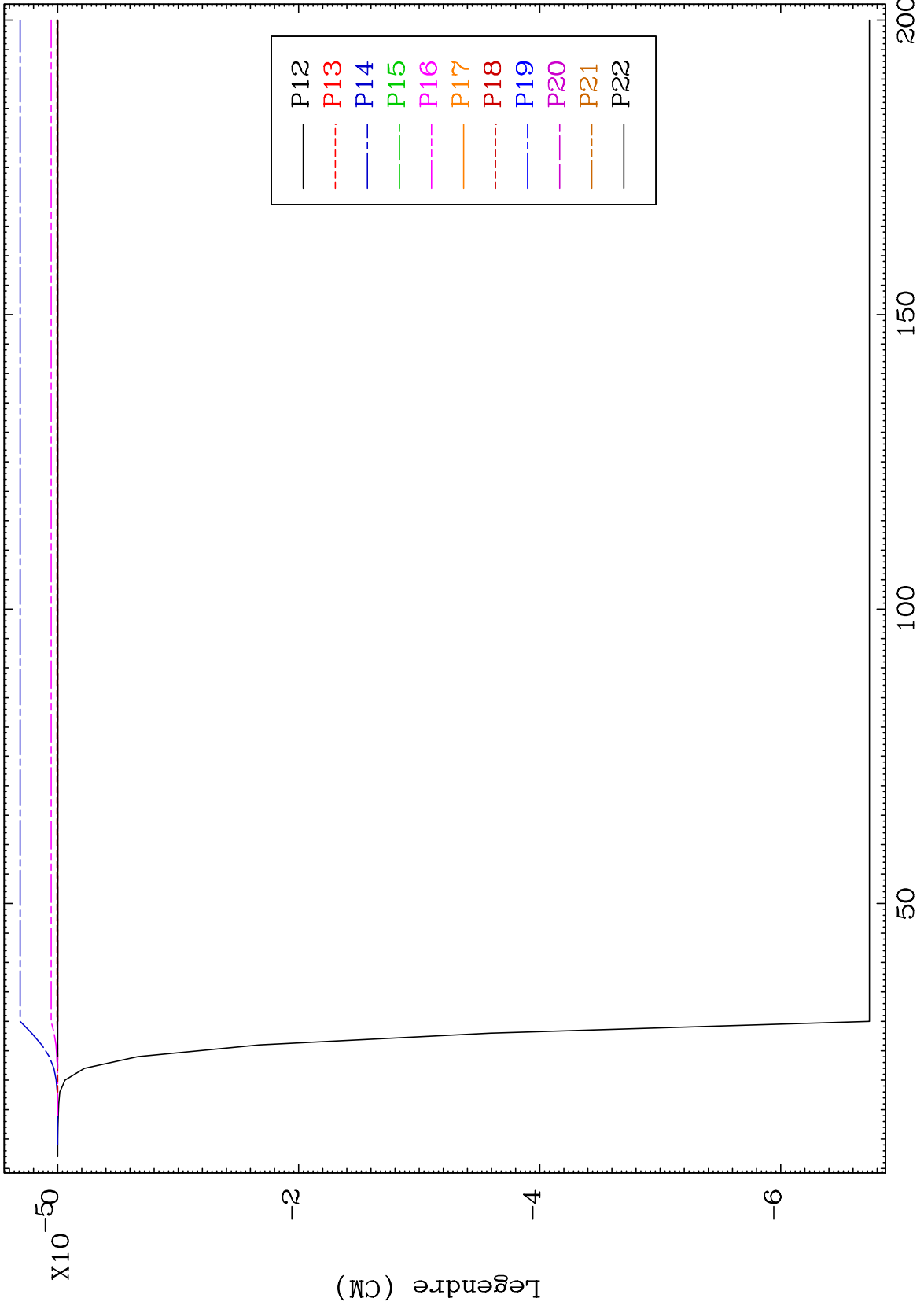
19-K -49

MAT 1955 MT= 80 (n,n') Level Legendre Coefficients 19-K -49



113 19-K -49

MAT 1955 MT= 80 (n,n') Level Legendre Coefficients 19-K -49

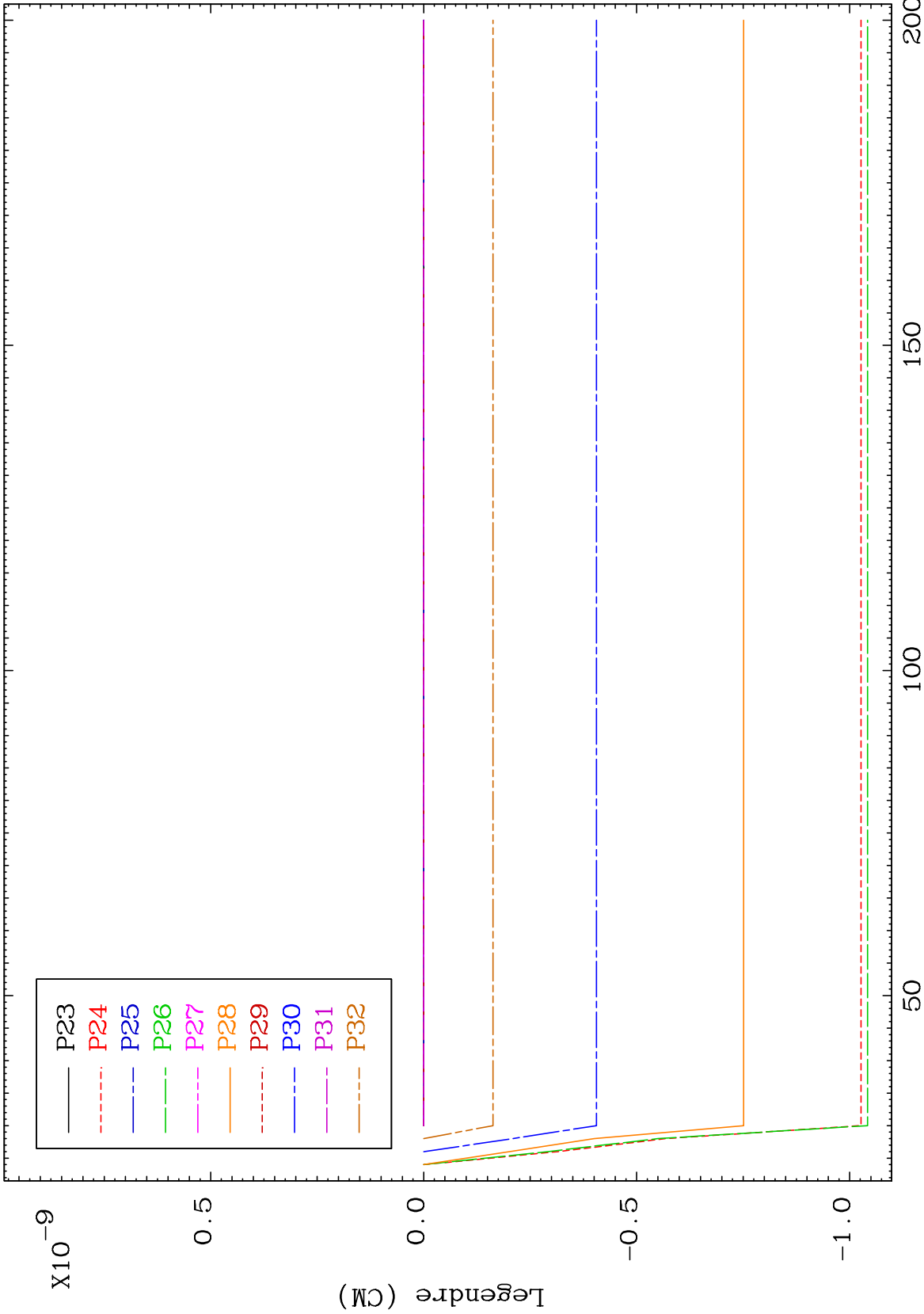


114 19-K -49

MAT 1955

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

19-K -49



115

Incident Energy (MeV)

19-K -49