

Program EVALPLOT  
(Version 2018-1)

by

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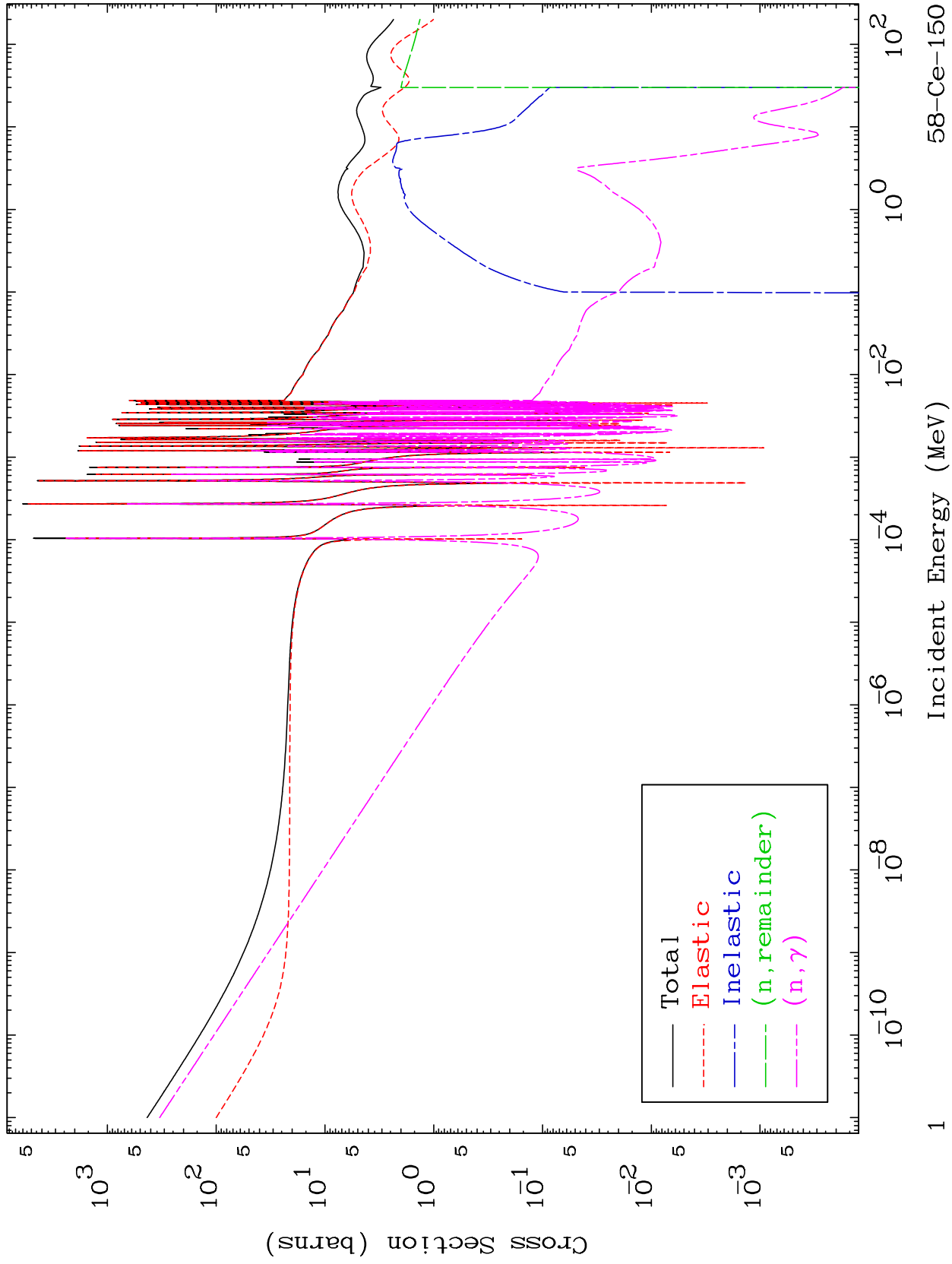
Press Mouse Button to Start

MAT 5867

Major

293 Kelvin Cross Sections

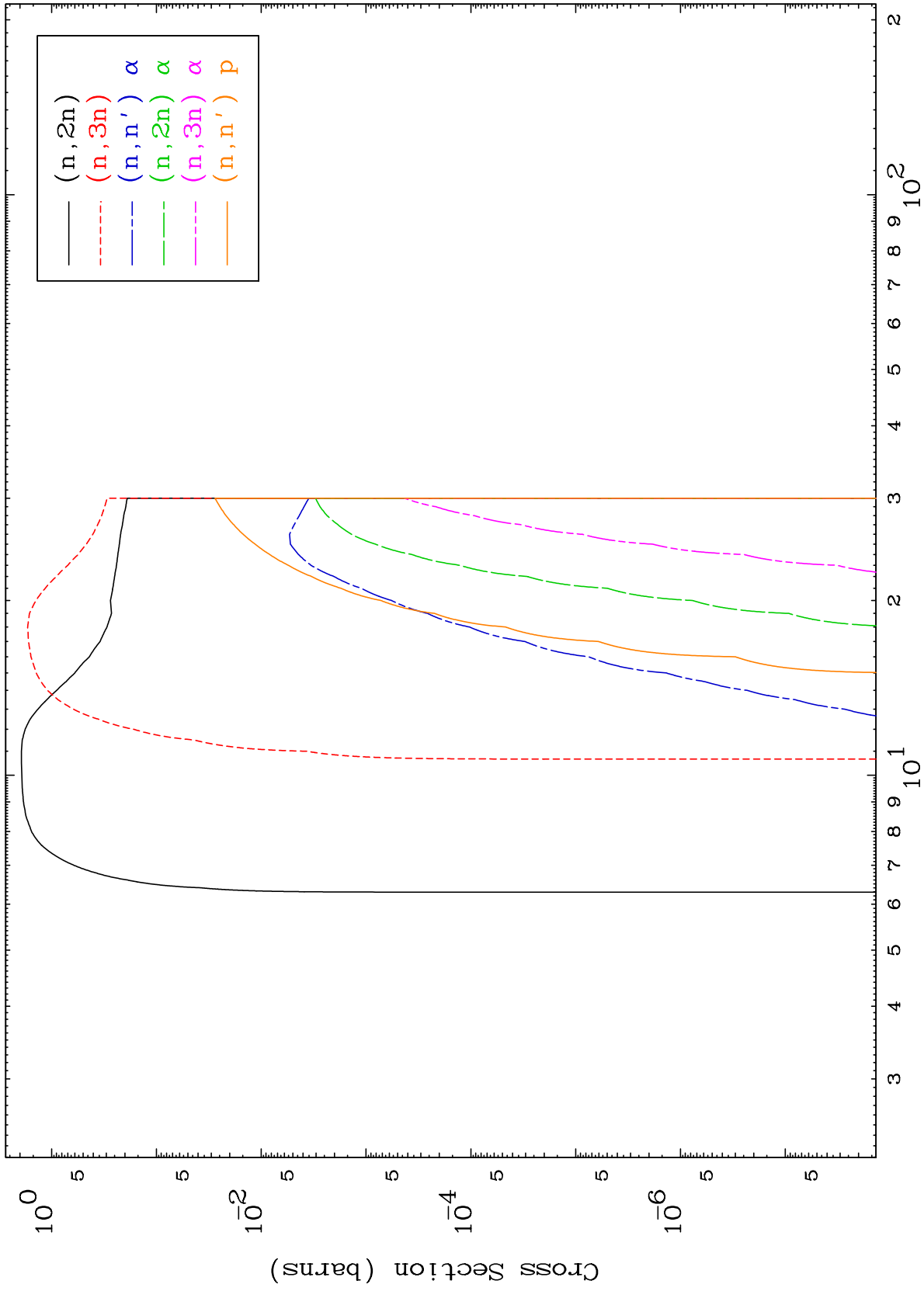
58-Ce-150



MAT 5867

### Neutron Production 293 Kelvin Cross Sections

58-Ce-150



2

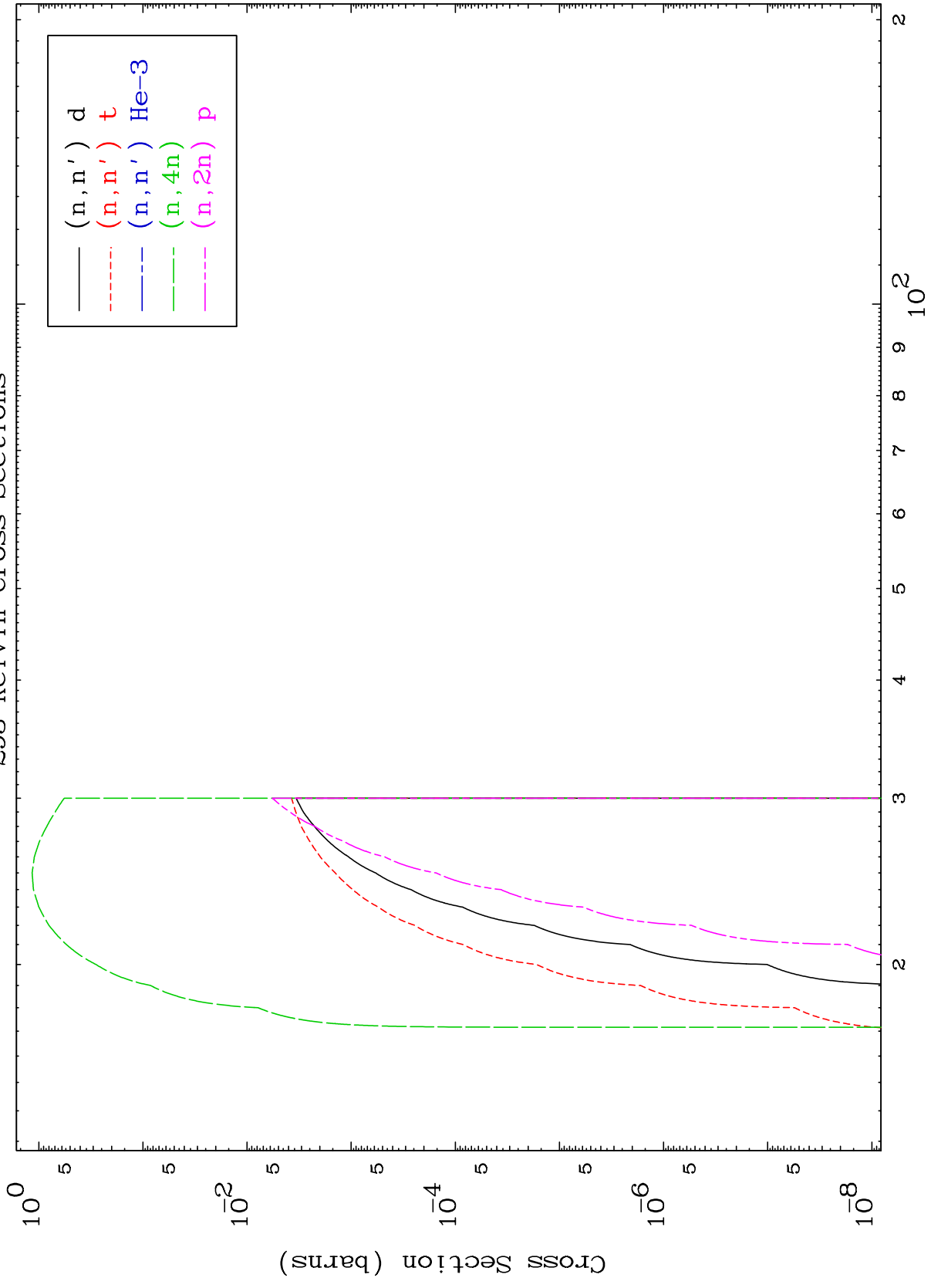
Incident Energy (MeV)

58-Ce-150

MAT 5867

Neutron Production  
293 Kelvin Cross Sections

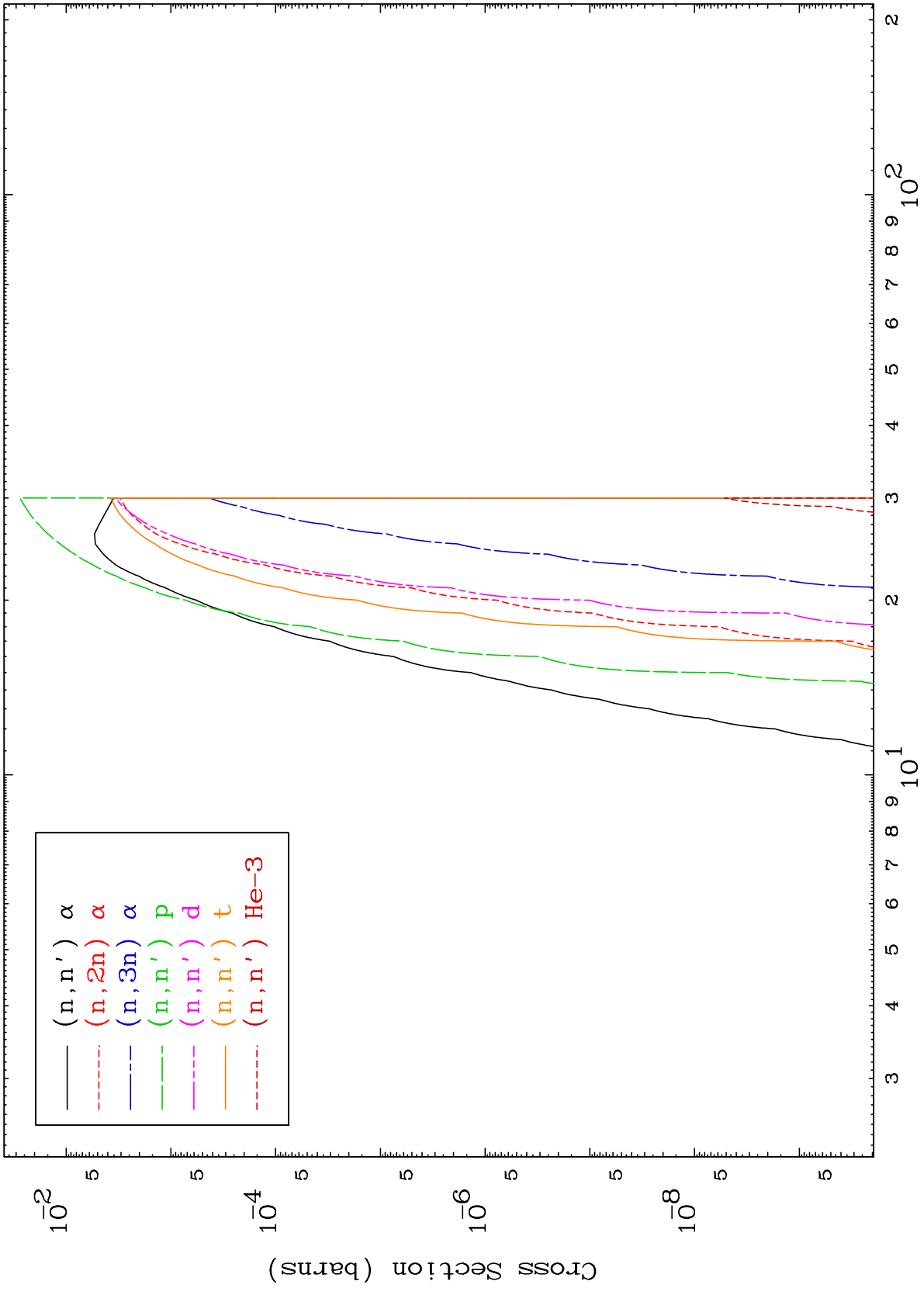
58-Ce-150



3

Incident Energy (MeV)

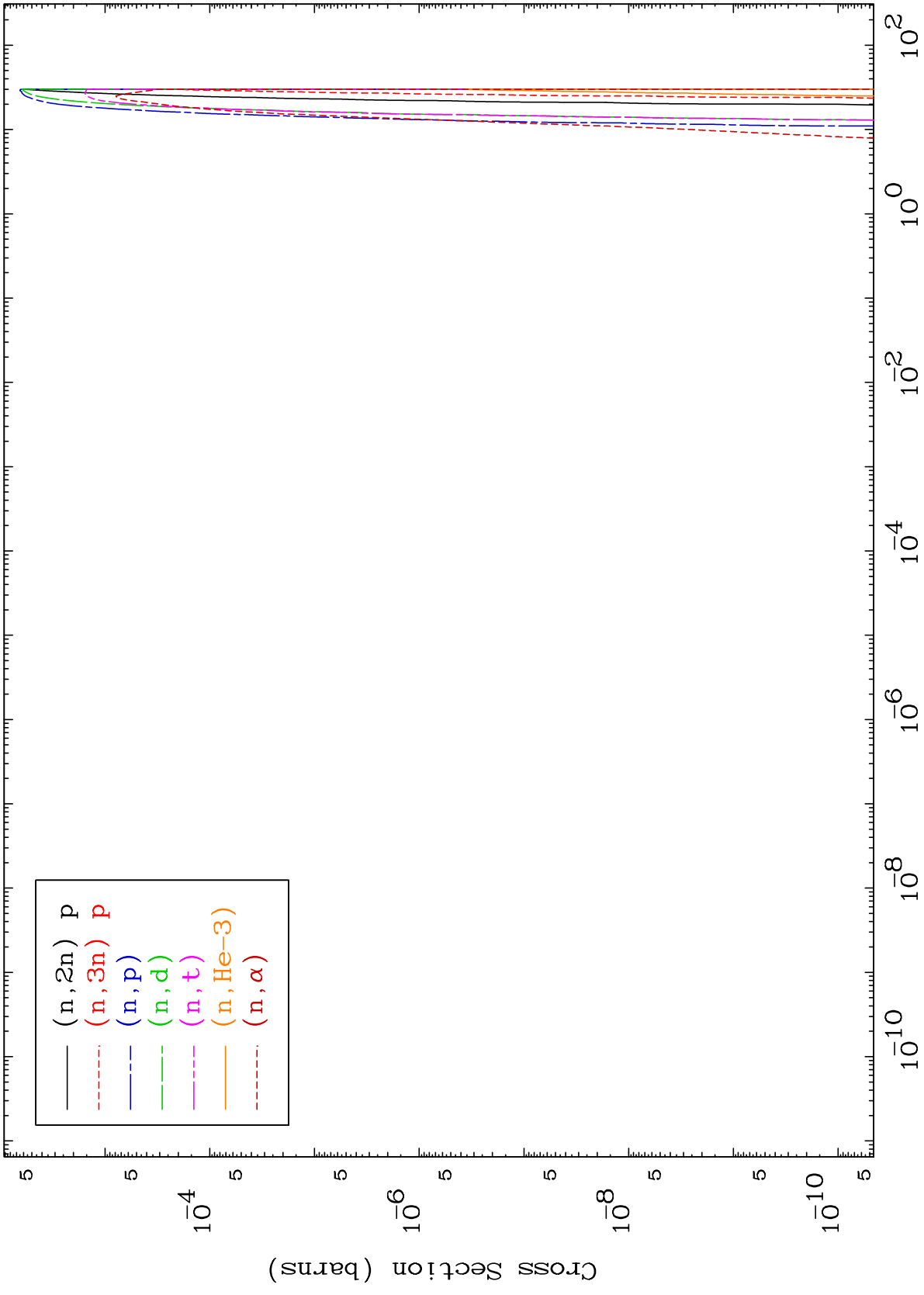
58-Ce-150



MAT 5867

293 Kelvin Cross Sections  
Charged Particle

58-Ce-150



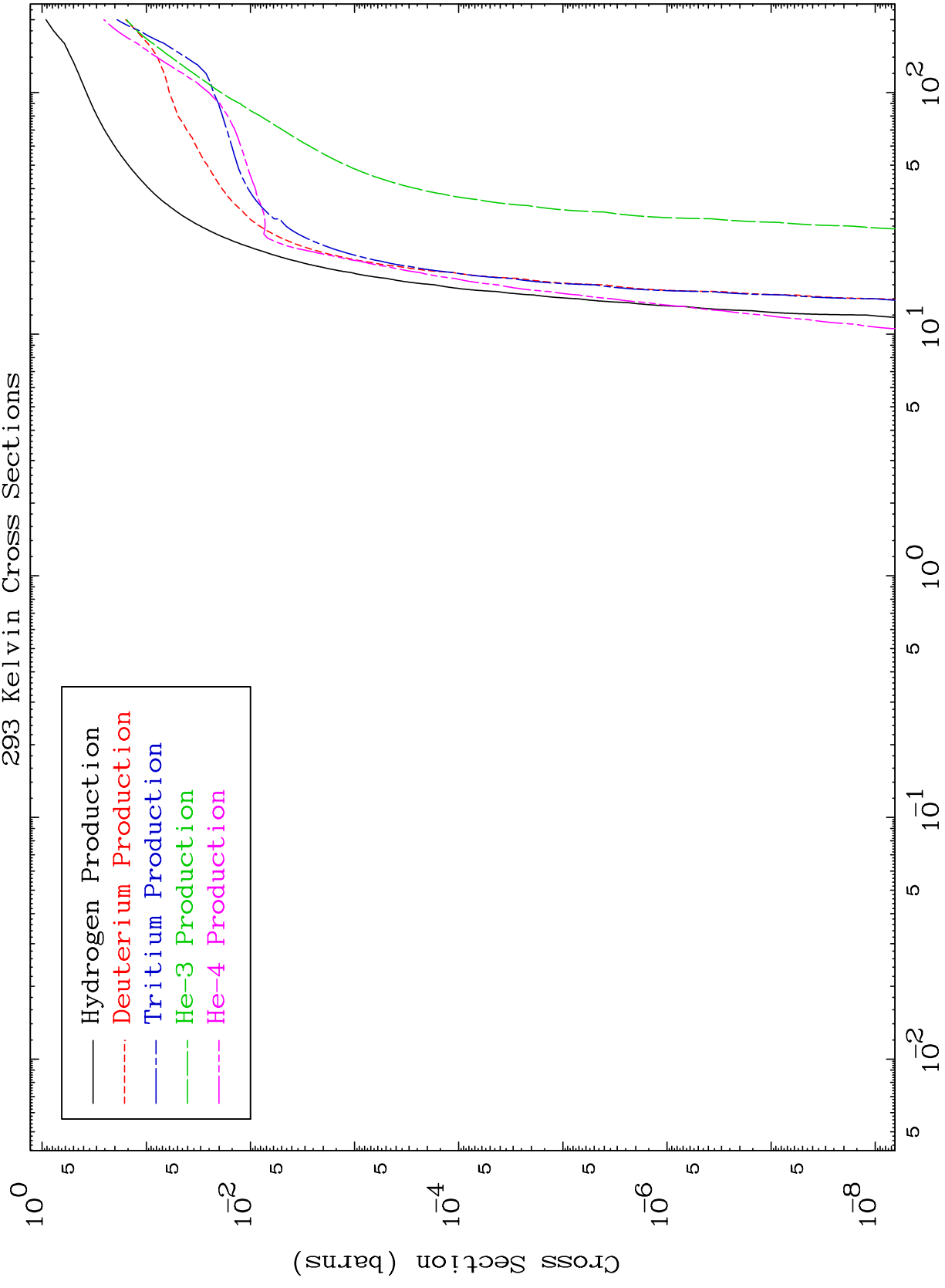
5

58-Ce-150

MAT 5867

Particle Production  
293 Kelvin Cross Sections

58-Ce-150



6

Incident Energy (MeV)

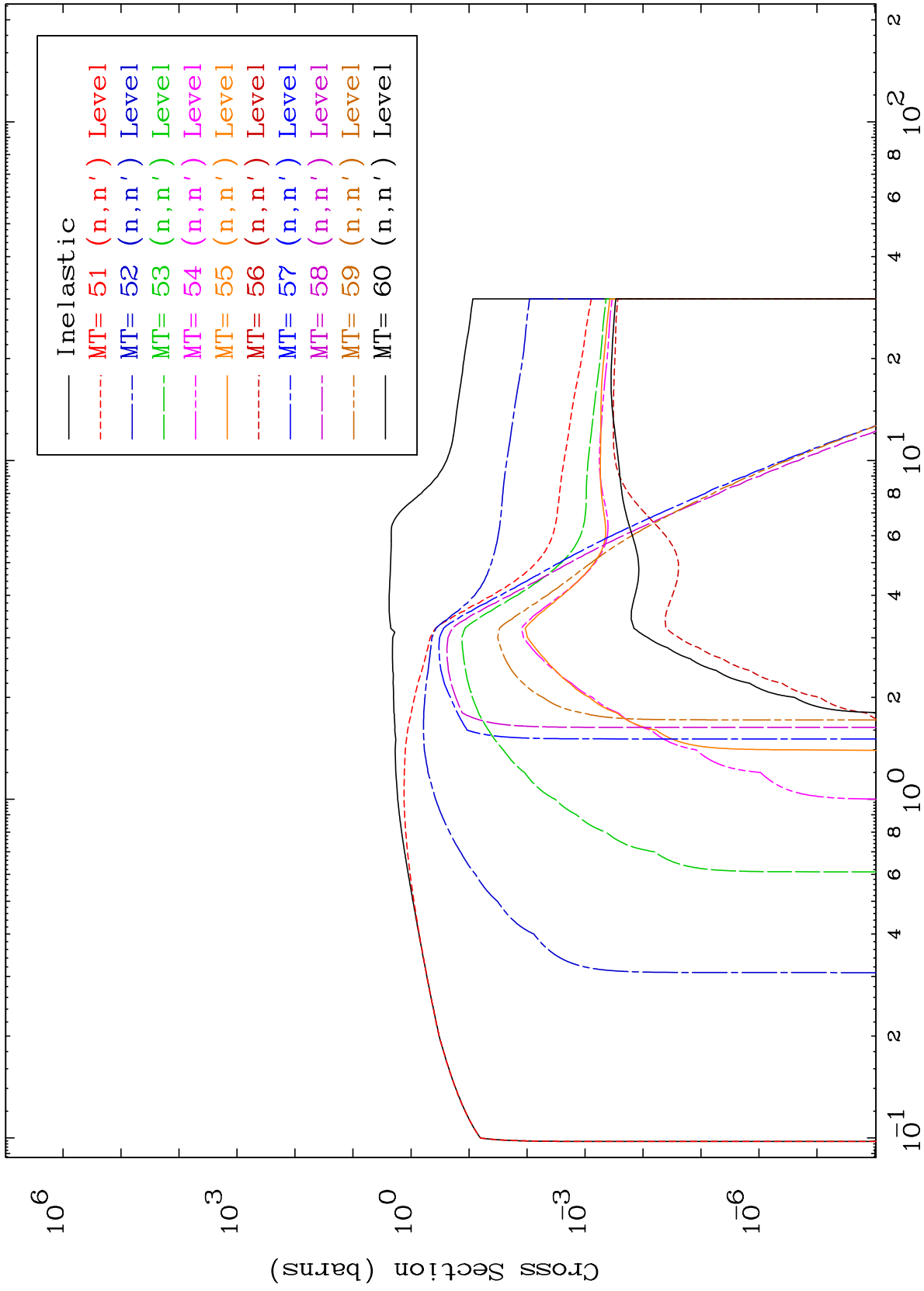
58-Ce-150

MAT 5867

(n,n') Level

58-Ce-150

293 Kelvin Cross Sections



Incident Energy (MeV)

58-Ce-150

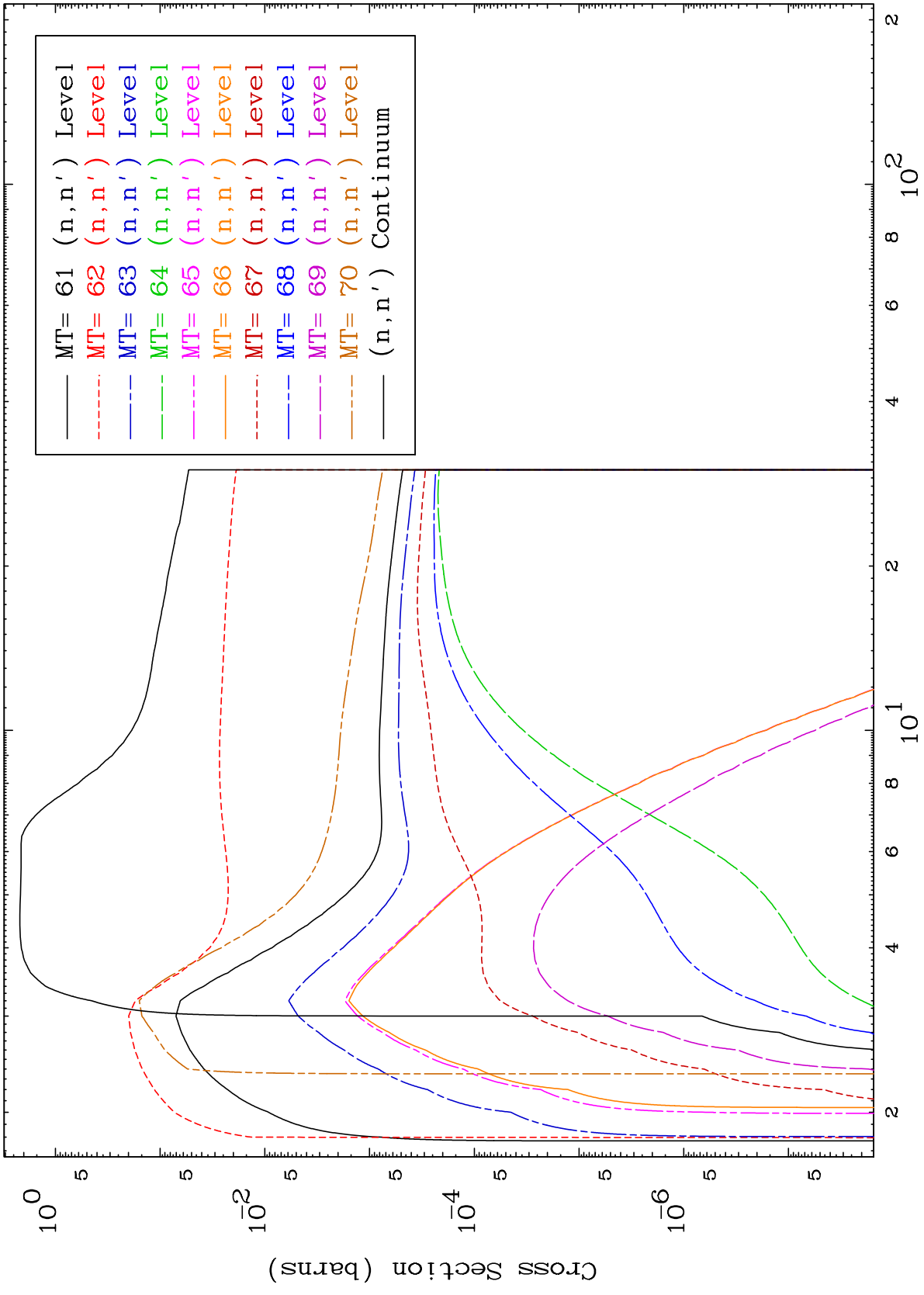
7



MAT 5867

(n,n') Level  
293 Kelvin Cross Sections

58-Ce-150



8

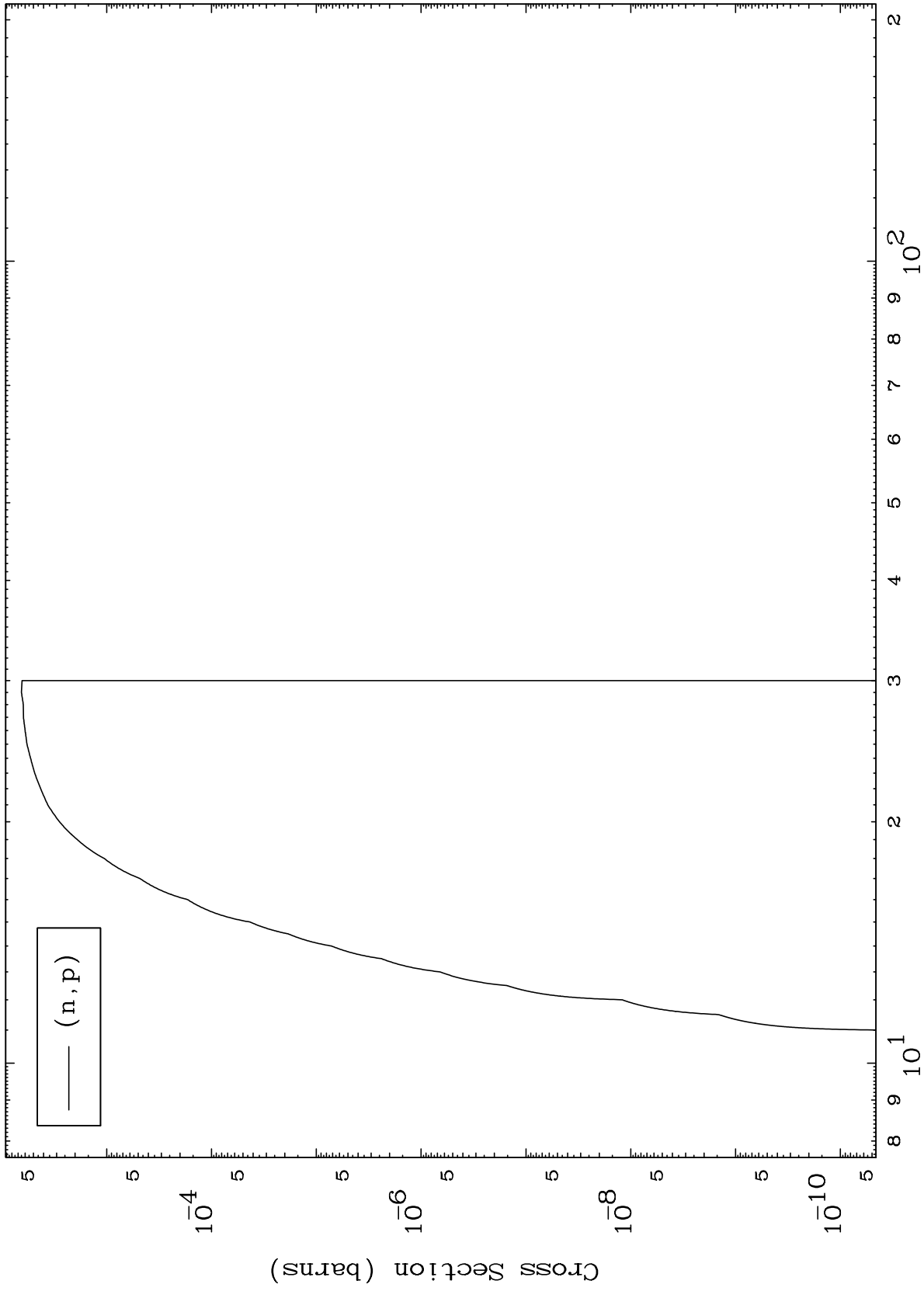
Incident Energy (MeV)

58-Ce-150

MAT 5867

(n,p) Levels  
293 Kelvin Cross Sections

58-Ce-150



9

Incident Energy (MeV)

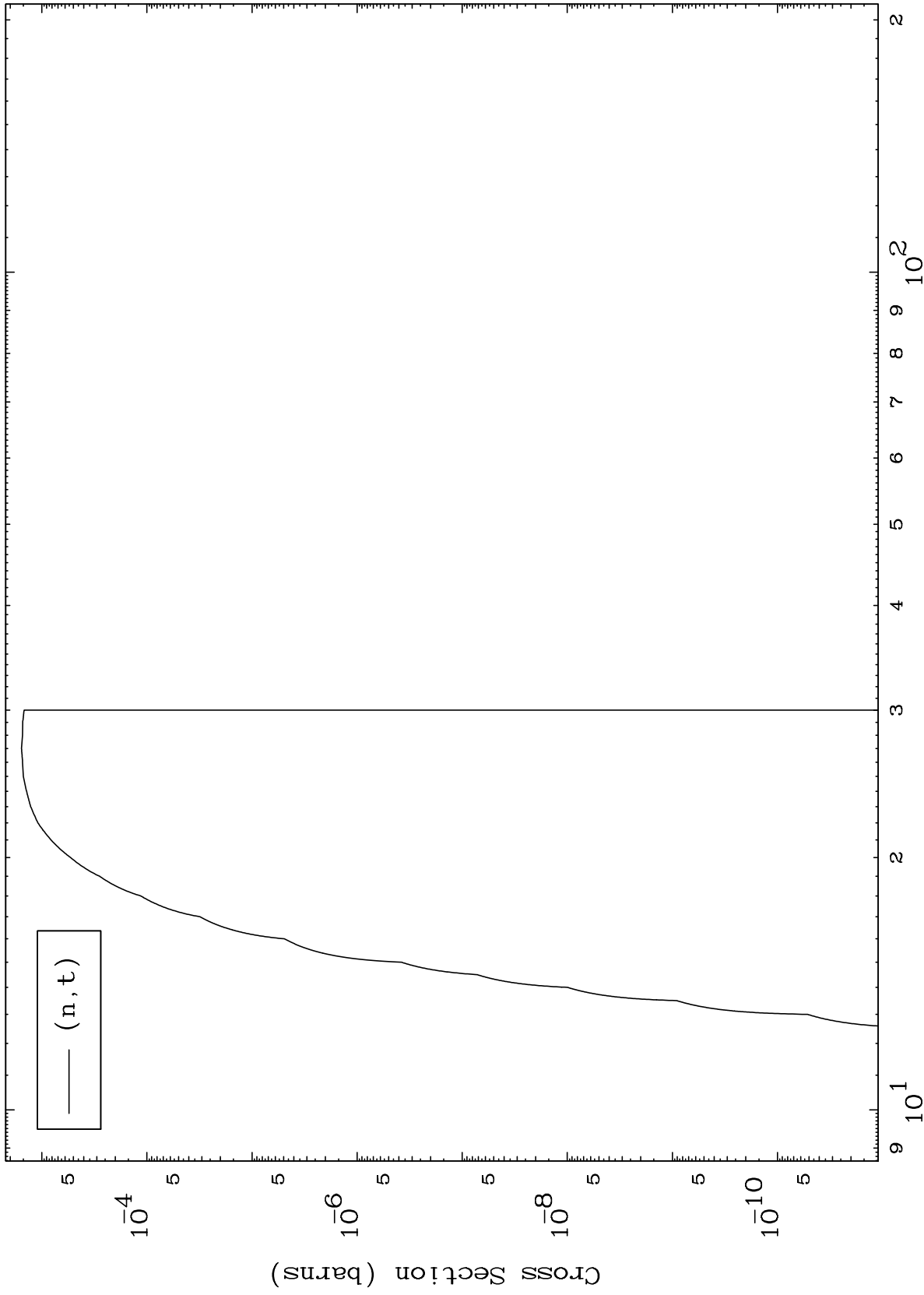
58-Ce-150



MAT 5867

(n,t) Levels  
293 Kelvin Cross Sections

58-Ce-150



11

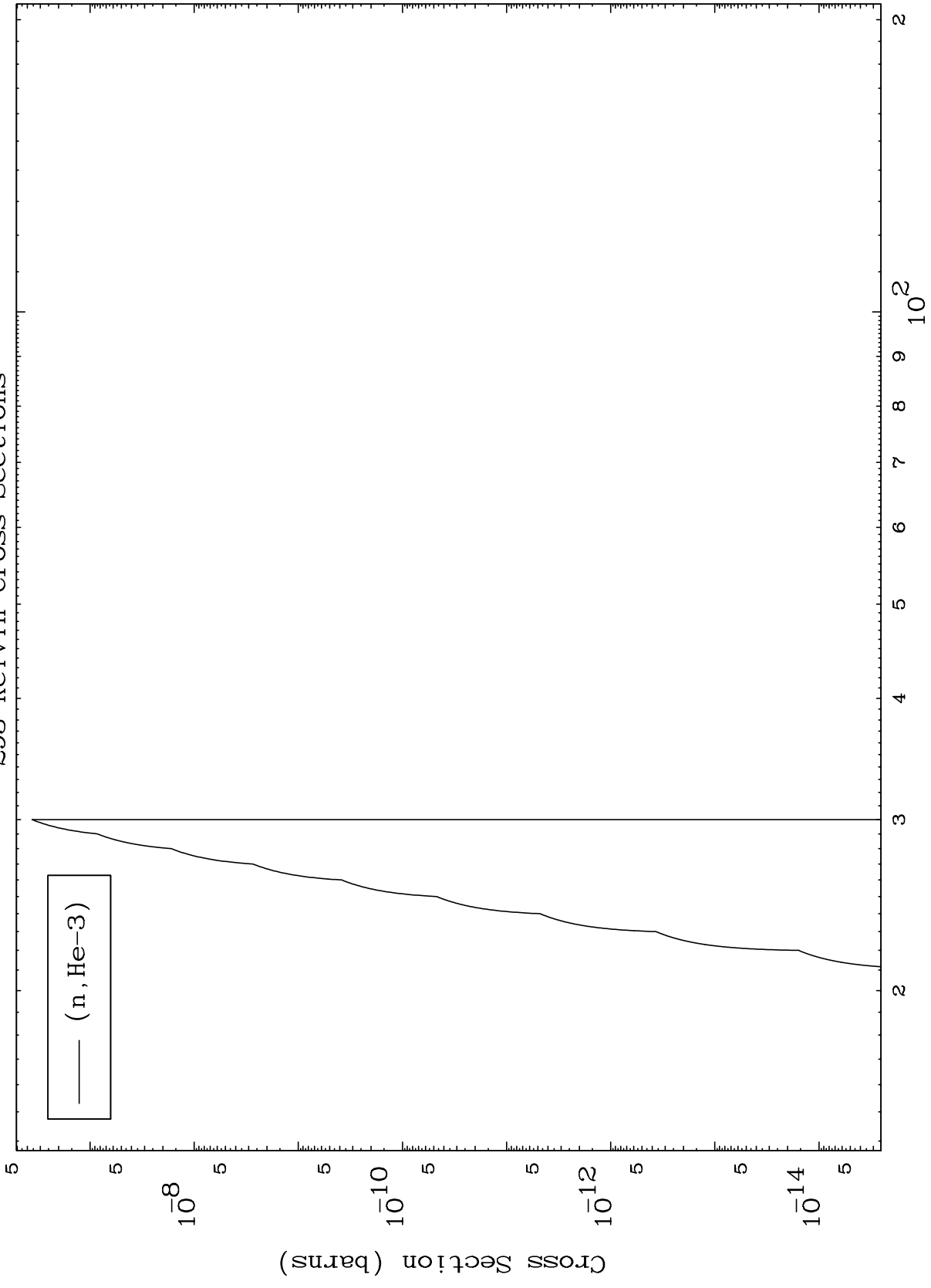
Incident Energy (MeV)

58-Ce-150

MAT 5867

(n,He3) Levels  
293 Kelvin Cross Sections

58-Ce-150



12

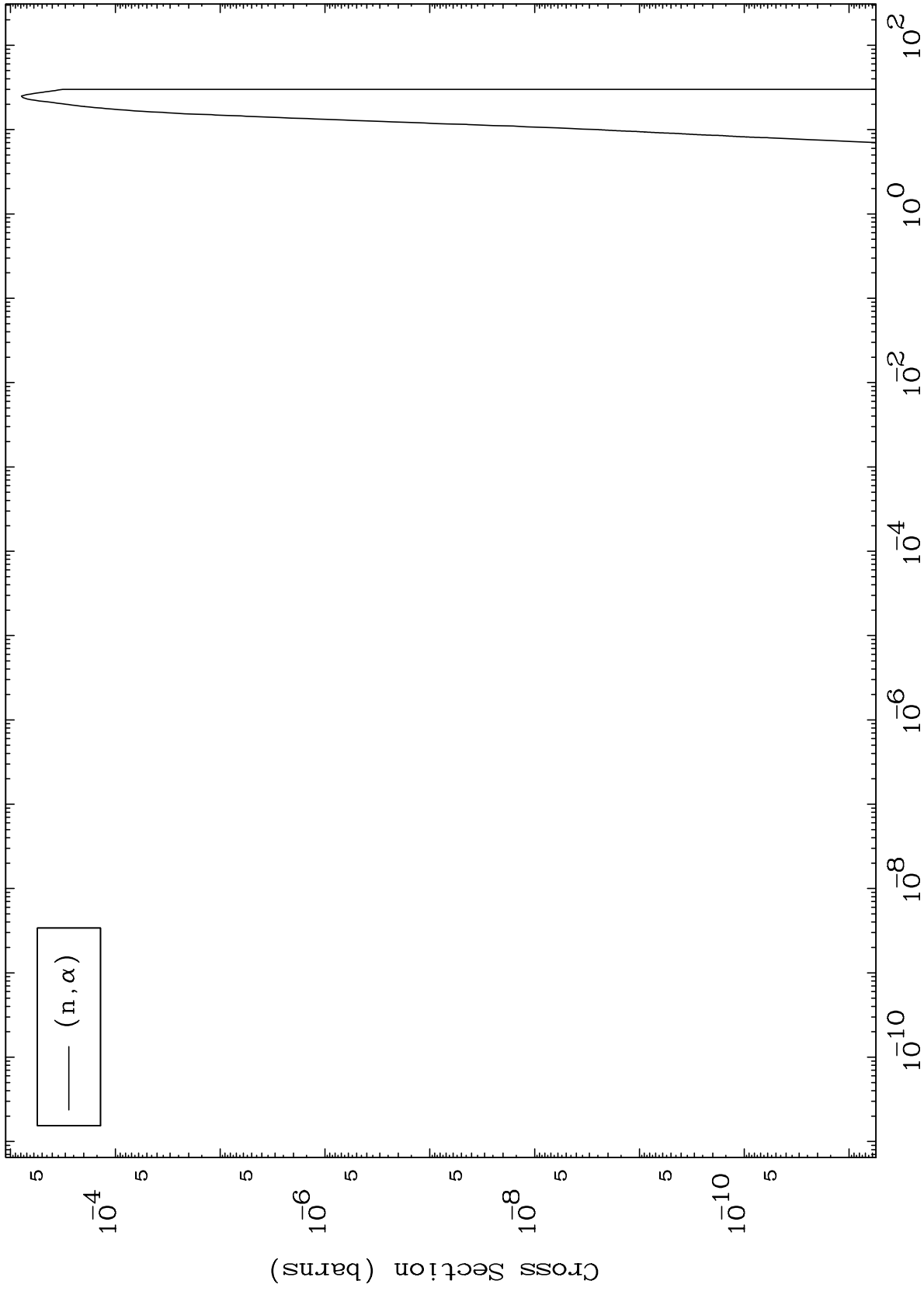
Incident Energy (MeV)

58-Ce-150

MAT 5867

(n,α) Levels  
293 Kelvin Cross Sections

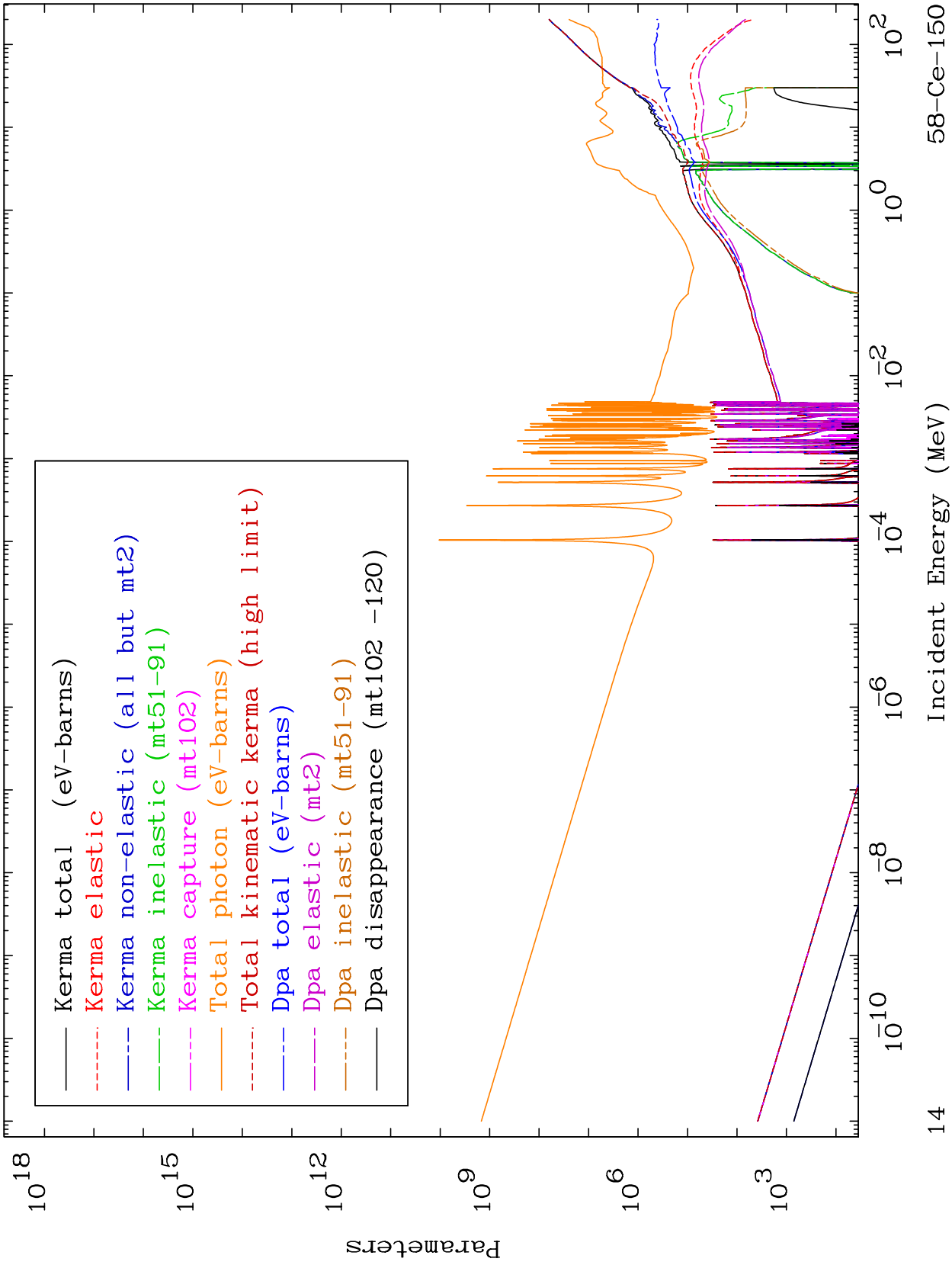
58-Ce-150



13

Incident Energy (MeV)

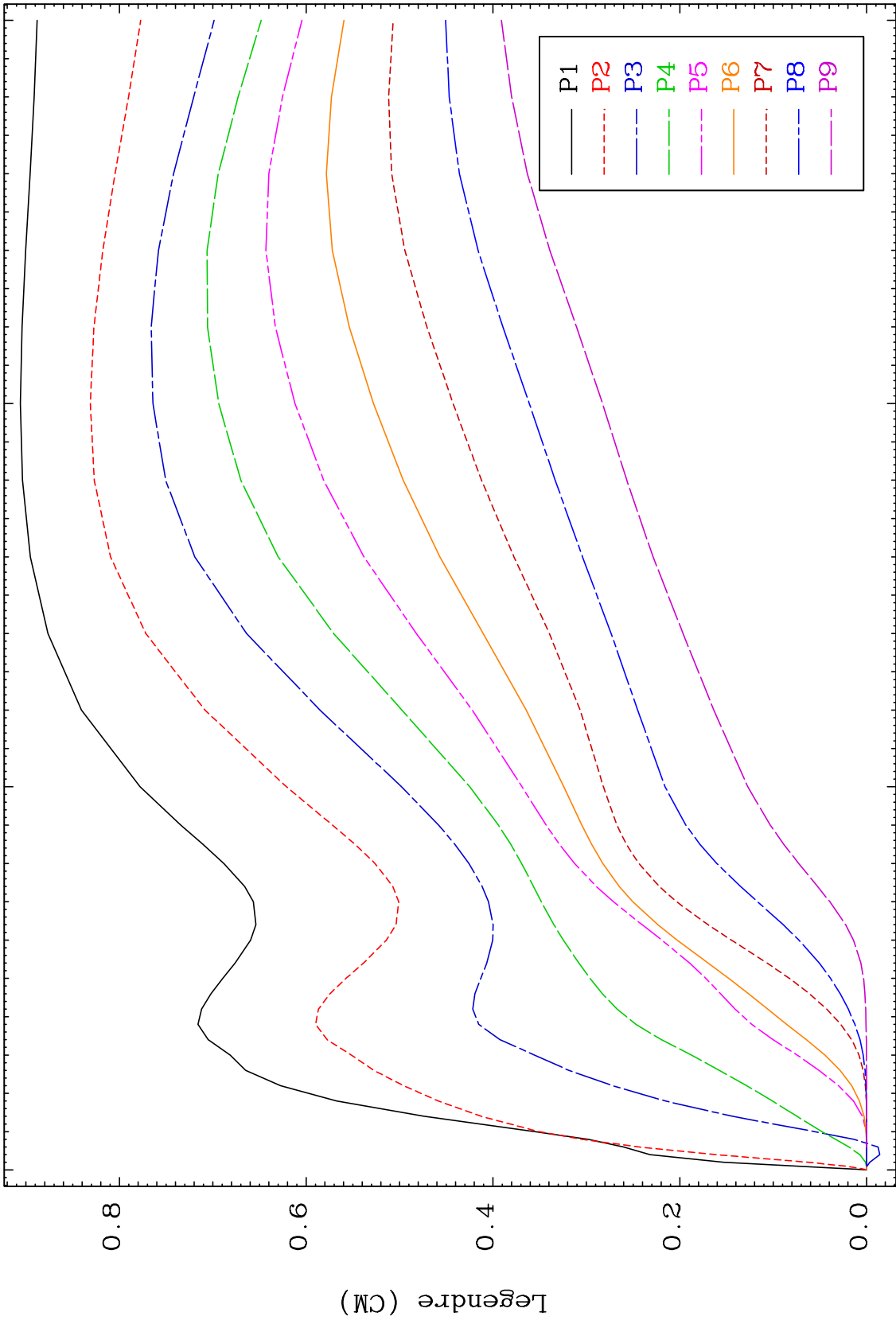
58-Ce-150



MAT 5867

Elastic Legendre Coefficients

58-Ce-150



15

Incident Energy (MeV)

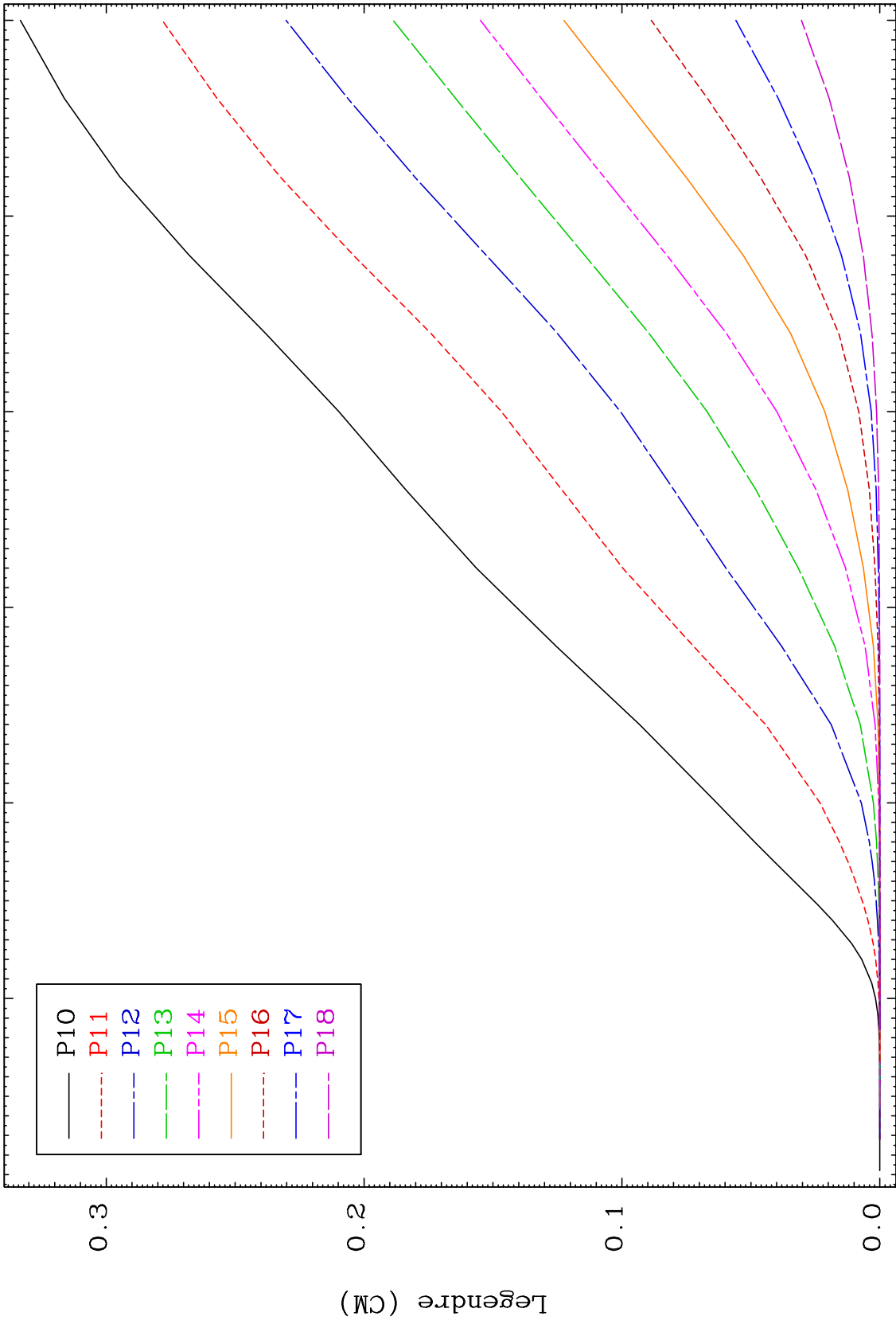
58-Ce-150



MAT 5867

Elastic Legendre Coefficients

58-Ce-150



16

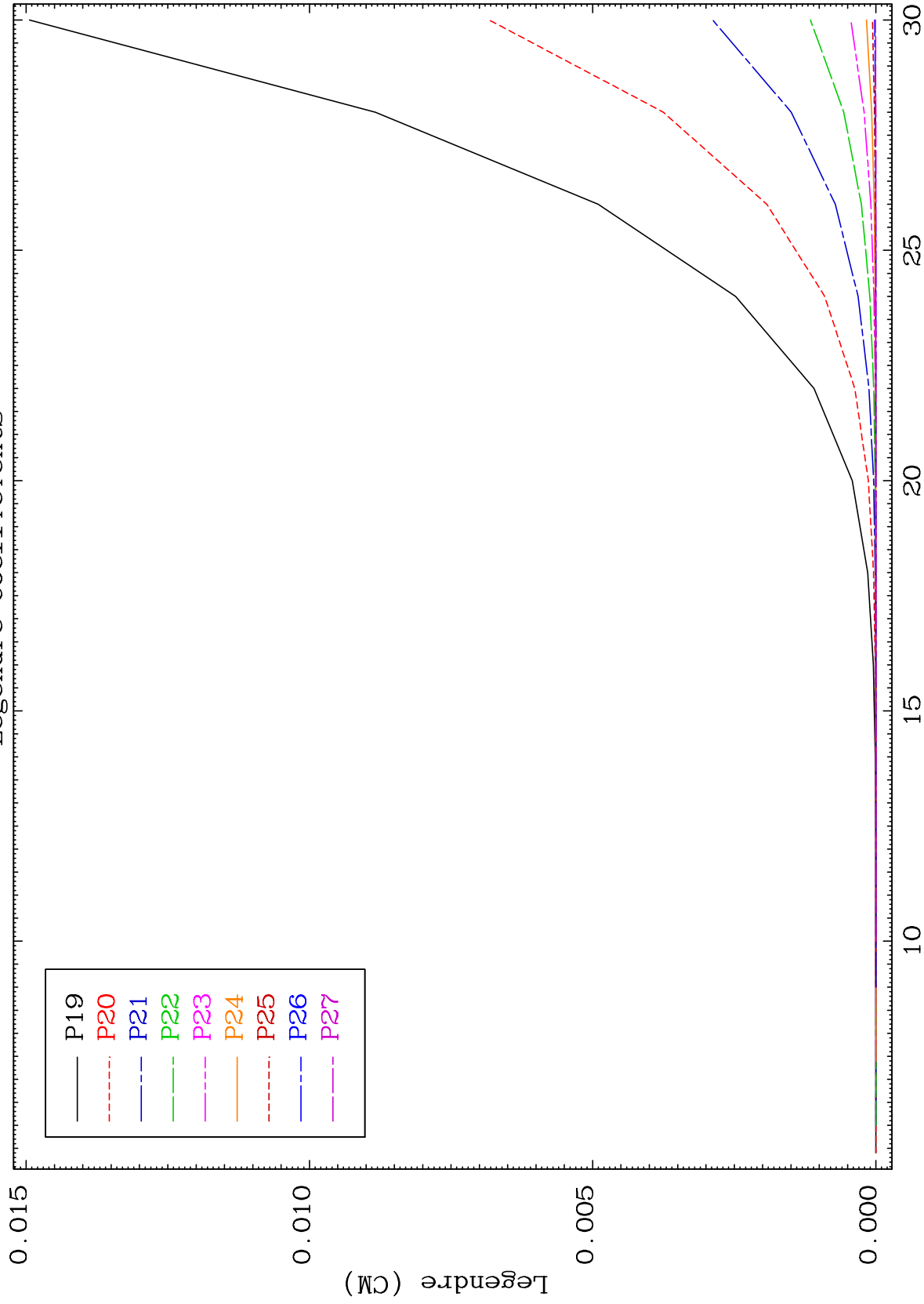
Incident Energy (MeV)

58-Ce-150

MAT 5867

Elastic Legendre Coefficients

58-Ce-150



17

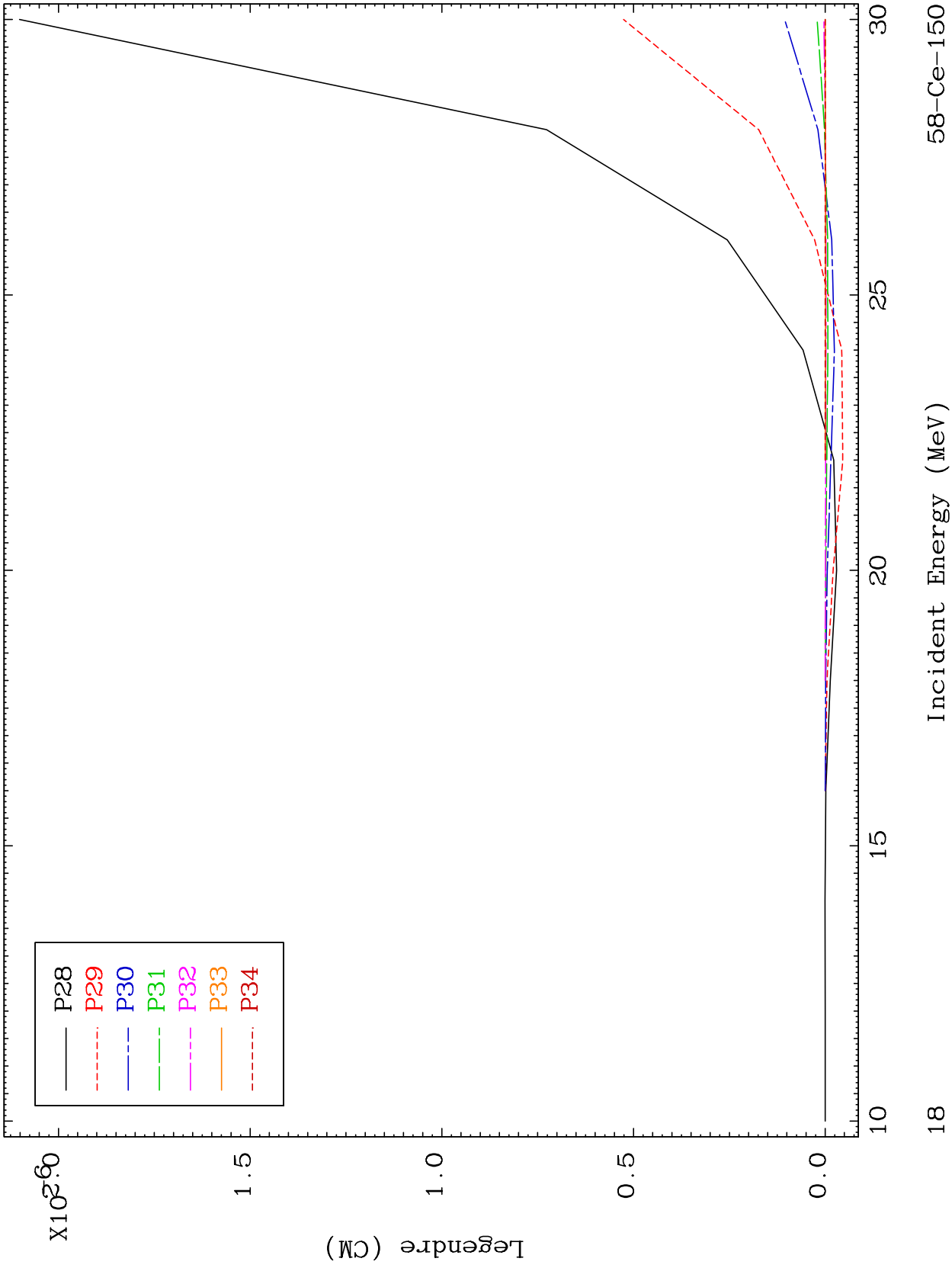
Incident Energy (MeV)

58-Ce-150

MAT 5867

Elastic Legendre Coefficients

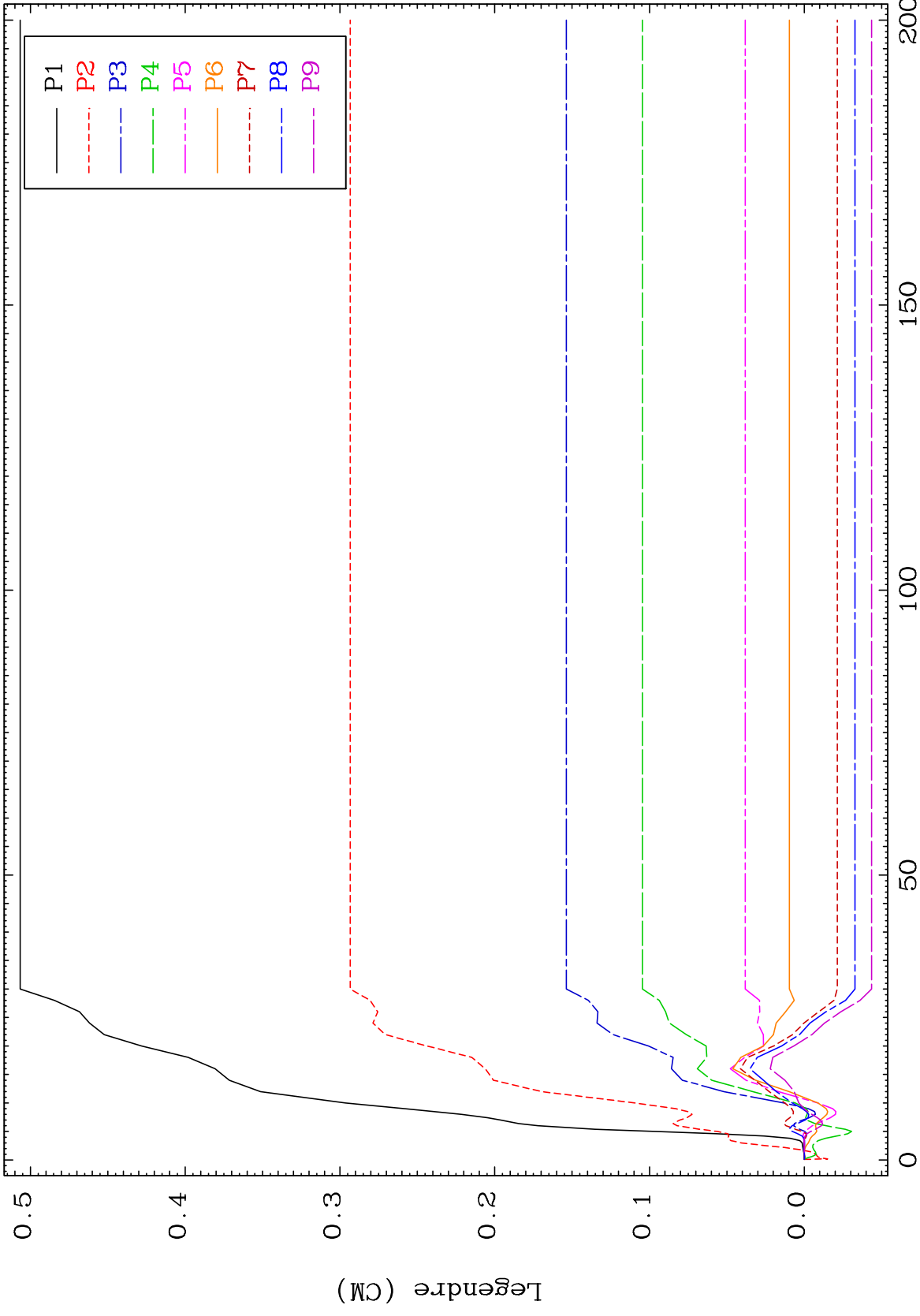
58-Ce-150



MAT 5867

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

58-Ce-150



19

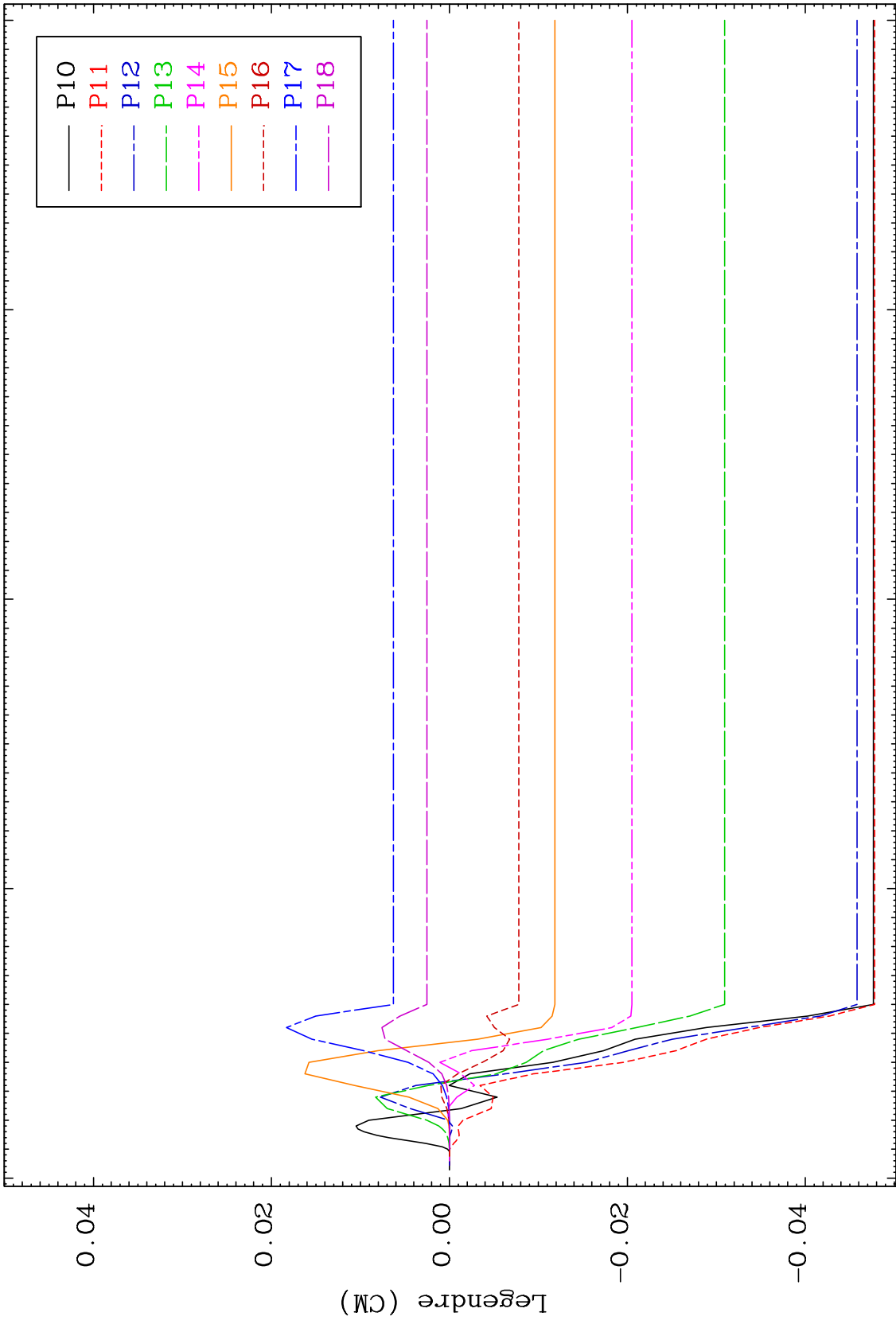
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



0

-0.04

-0.02

0.00

0.02

0.04

0

58-Ce-150

50

100

150

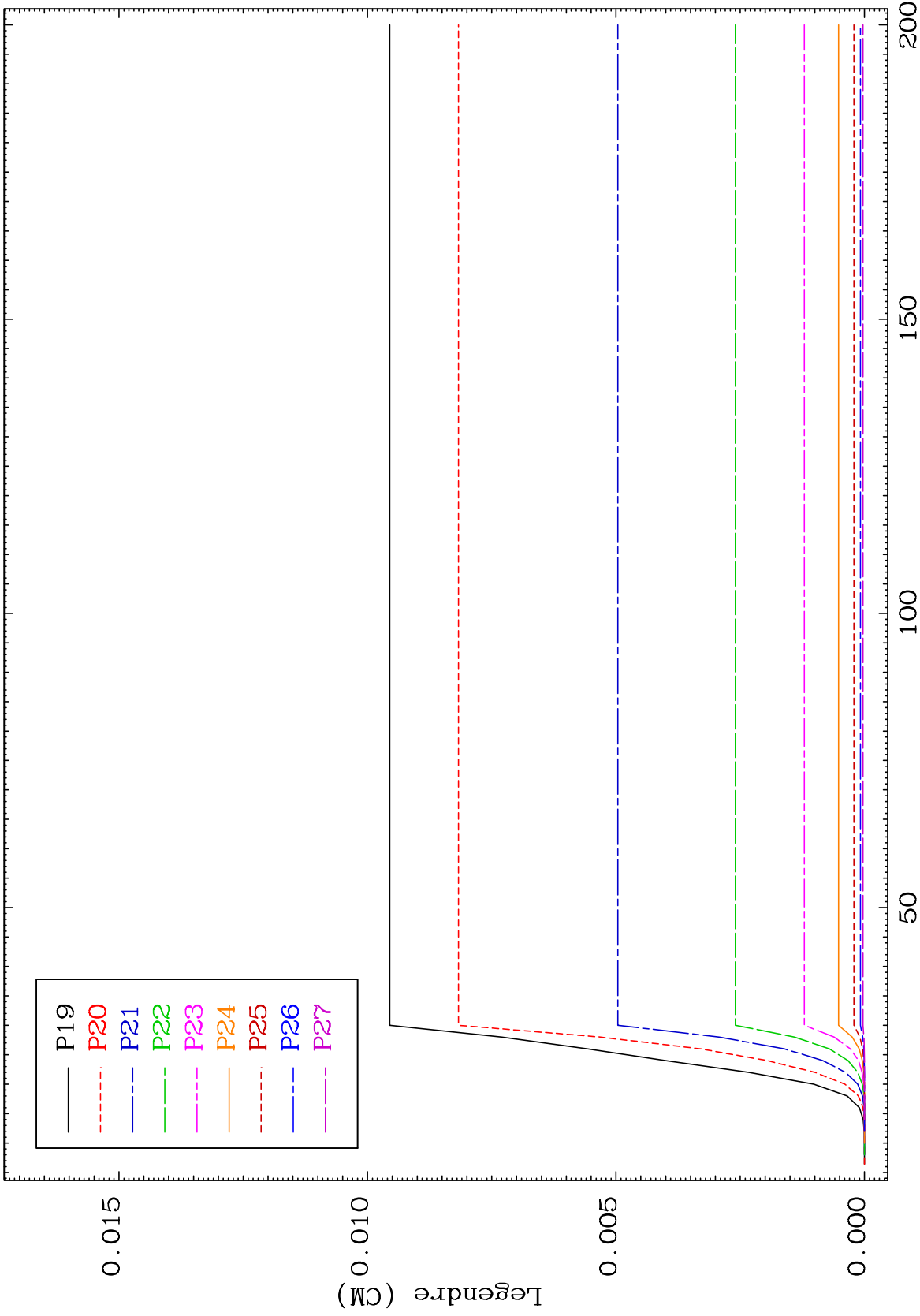
200

Incident Energy (MeV)

MAT 5867

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

58-Ce-150



21

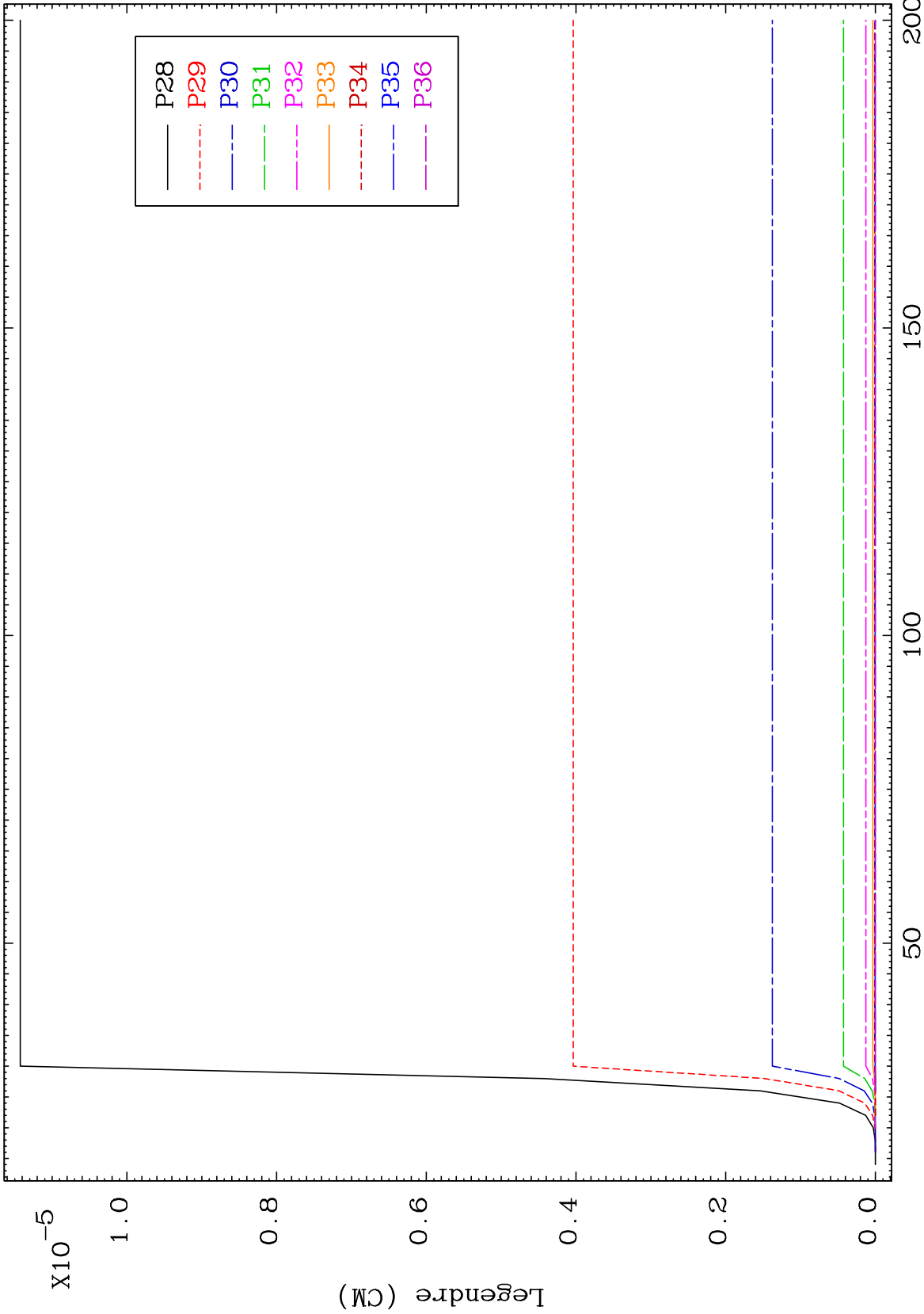
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



22

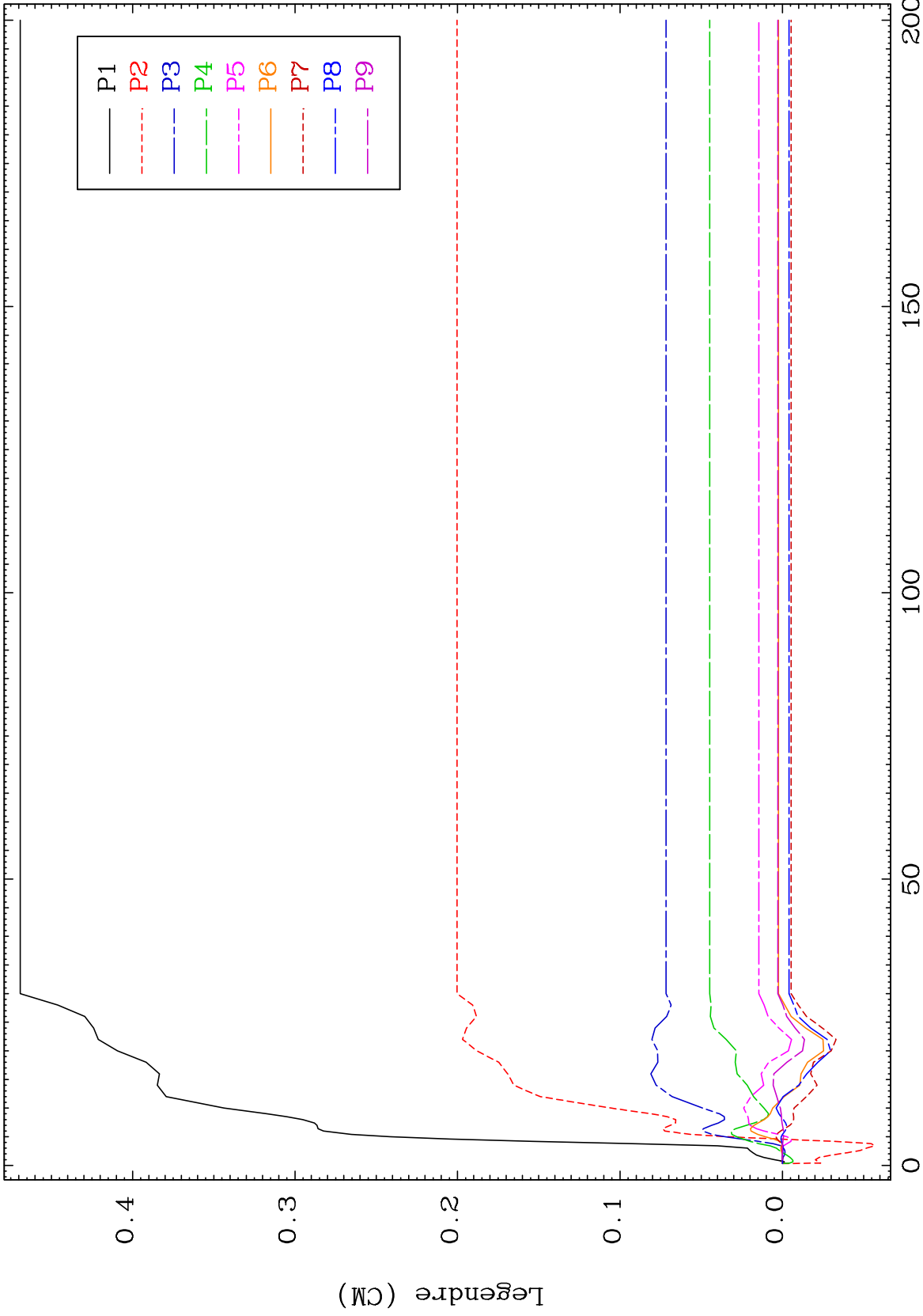
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



23

Incident Energy (MeV)

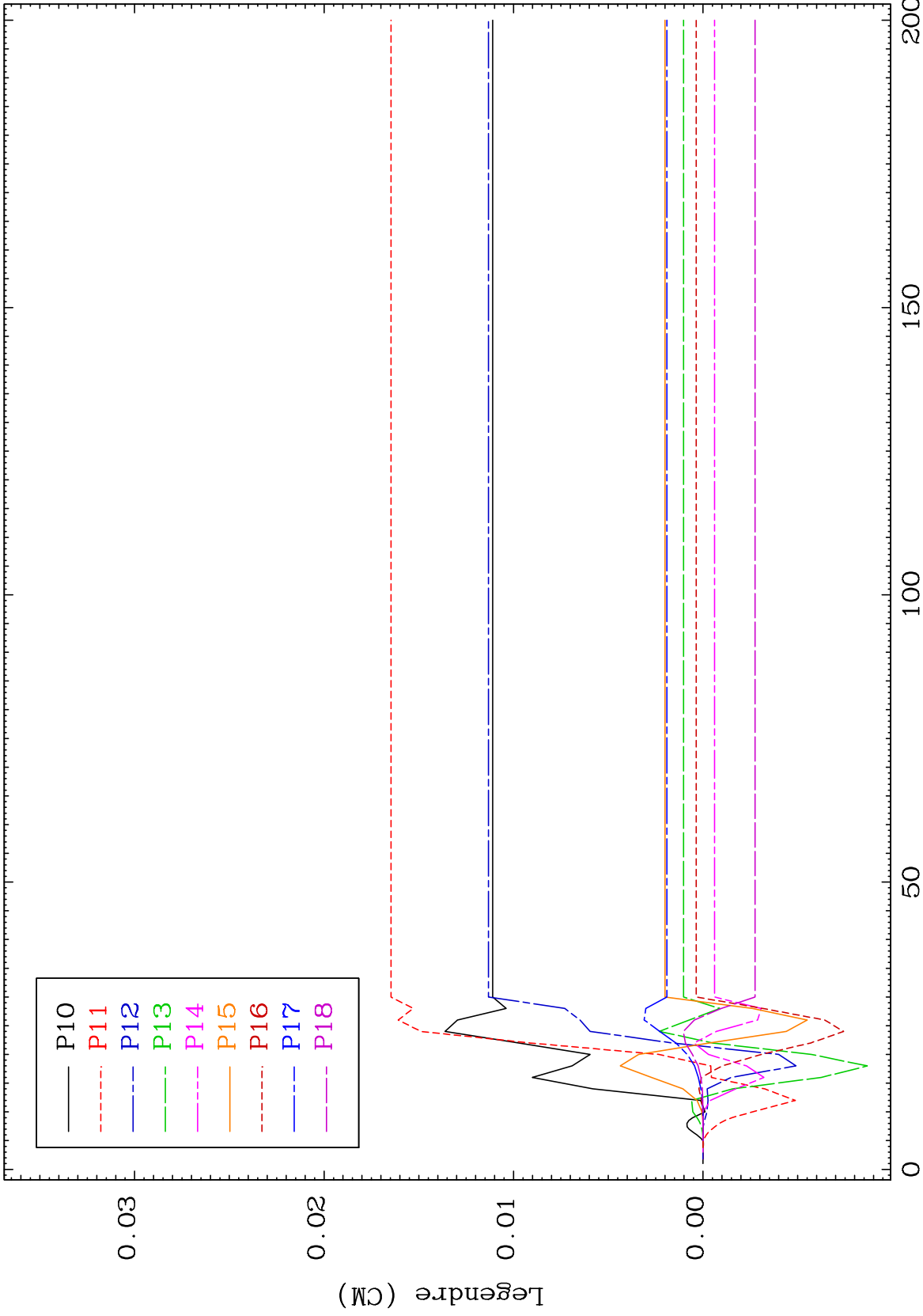
58-Ce-150



MAT 5867

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

58-Ce-150



24

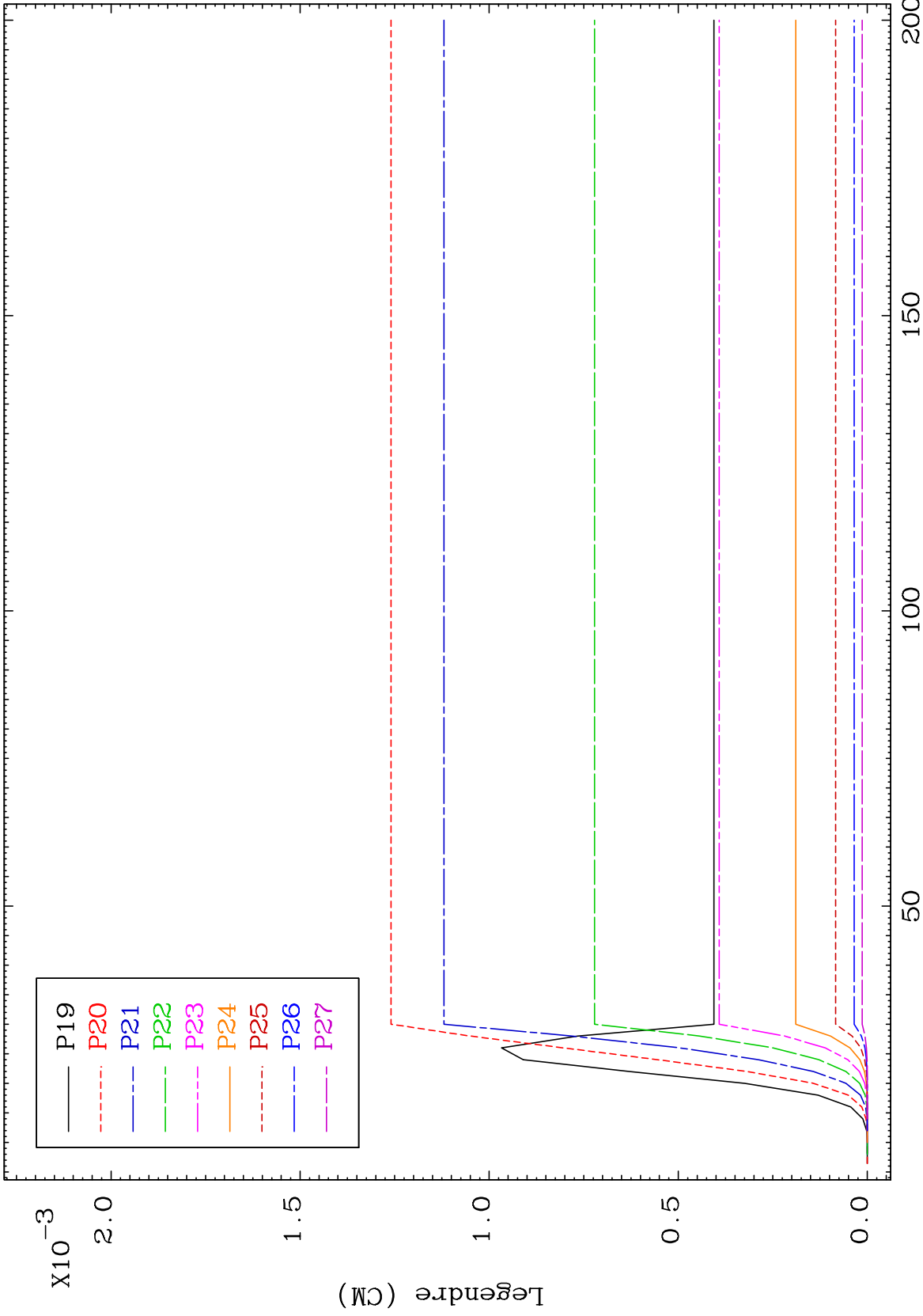
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



25

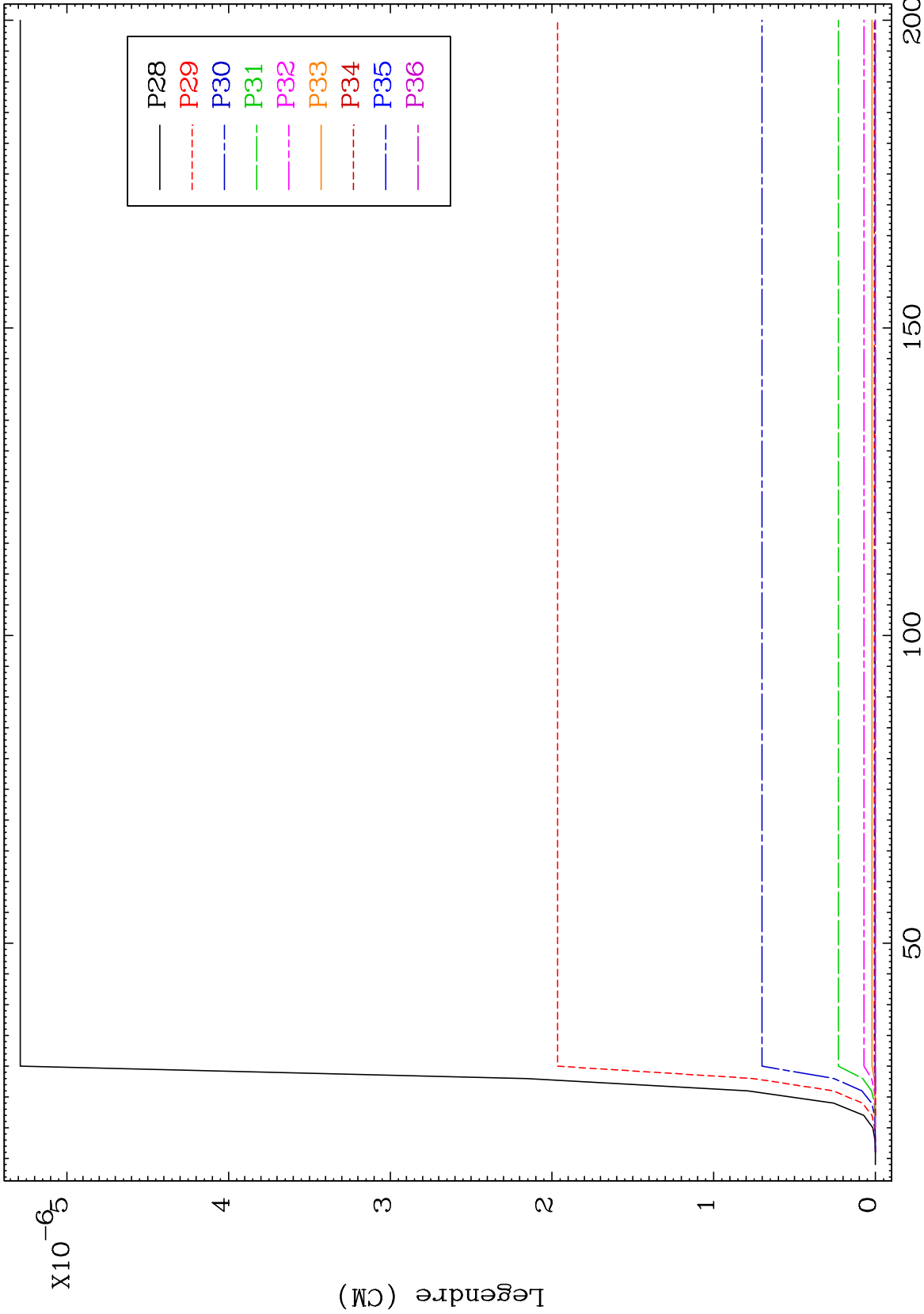
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



26

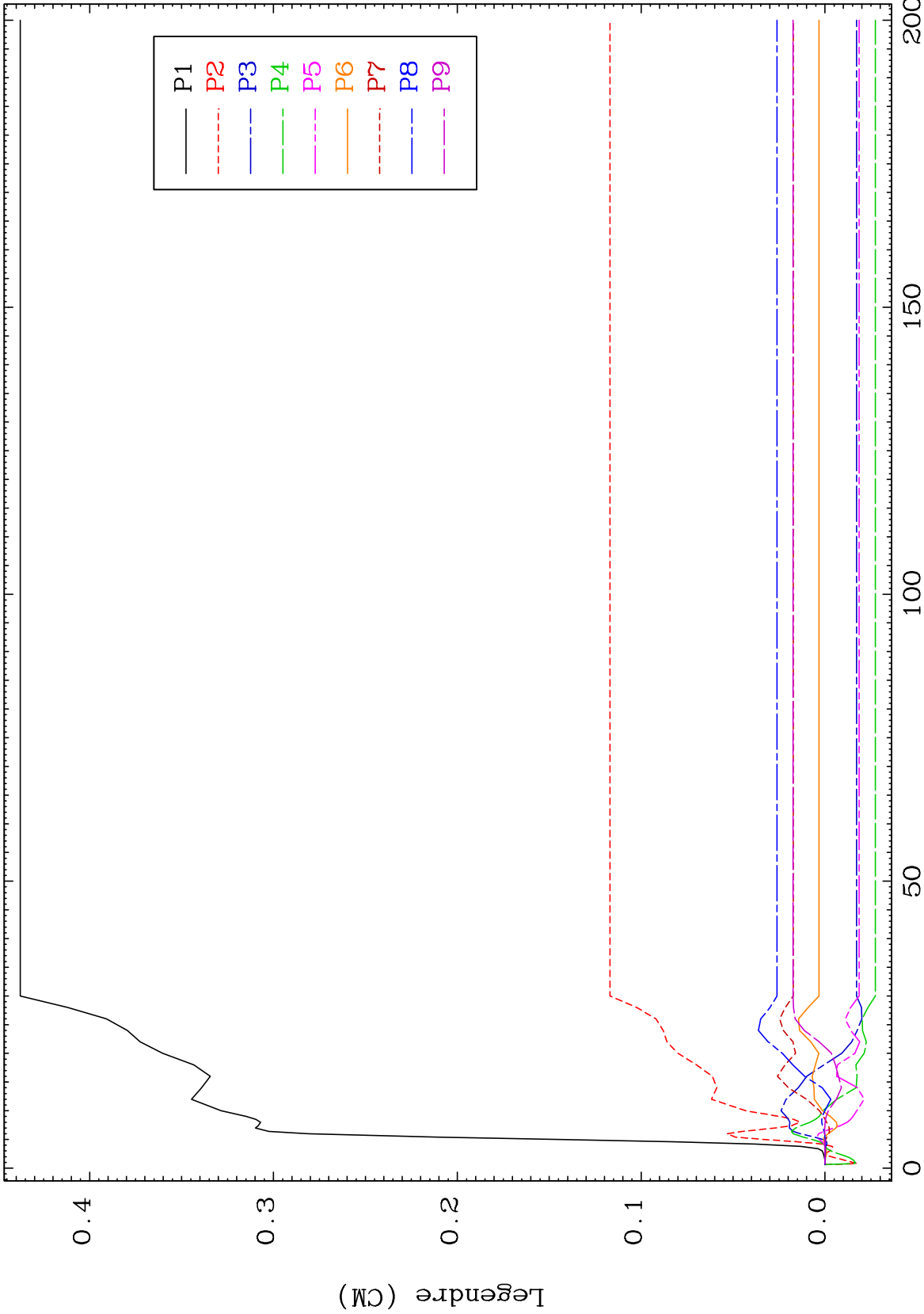
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



27

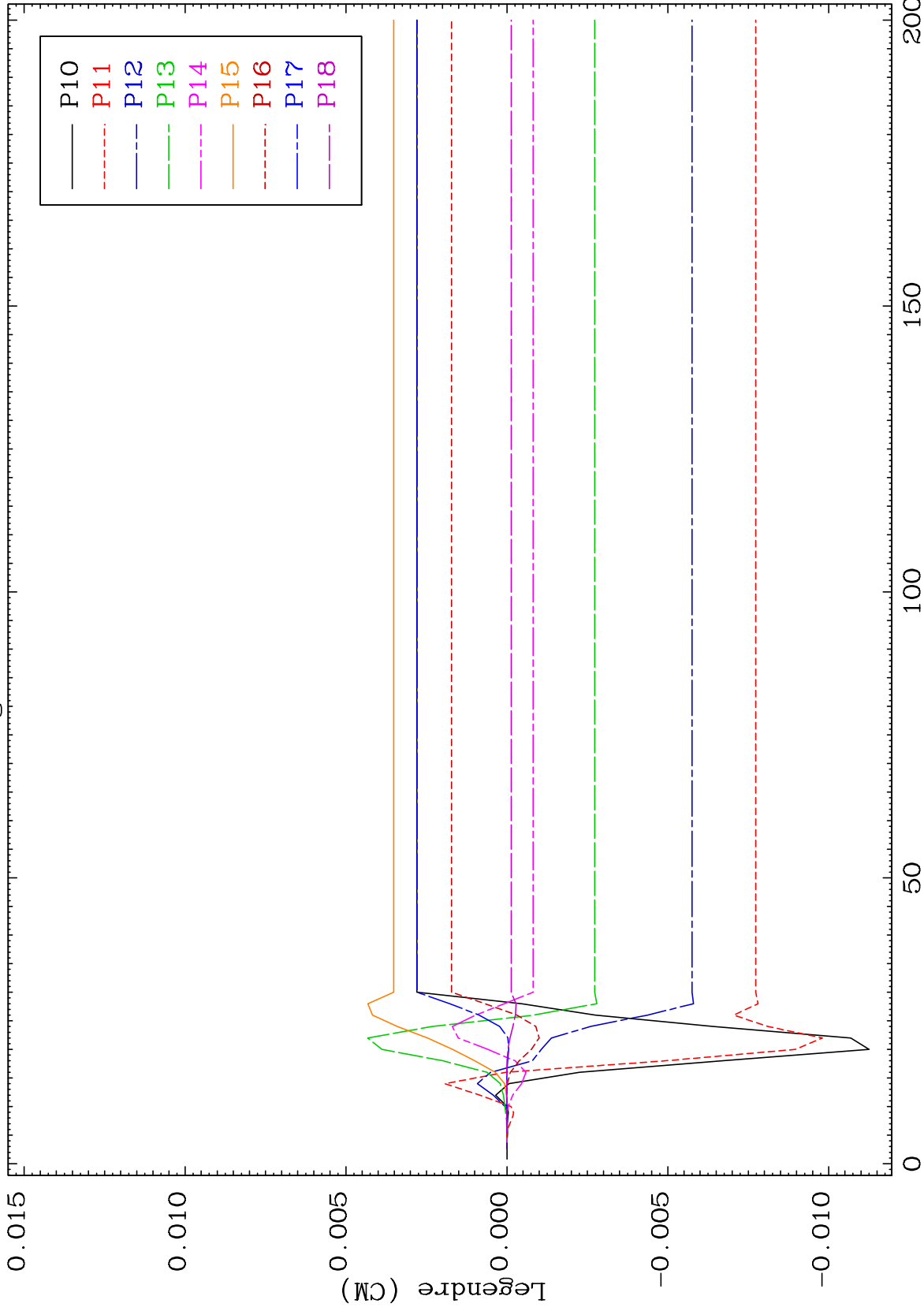
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



28

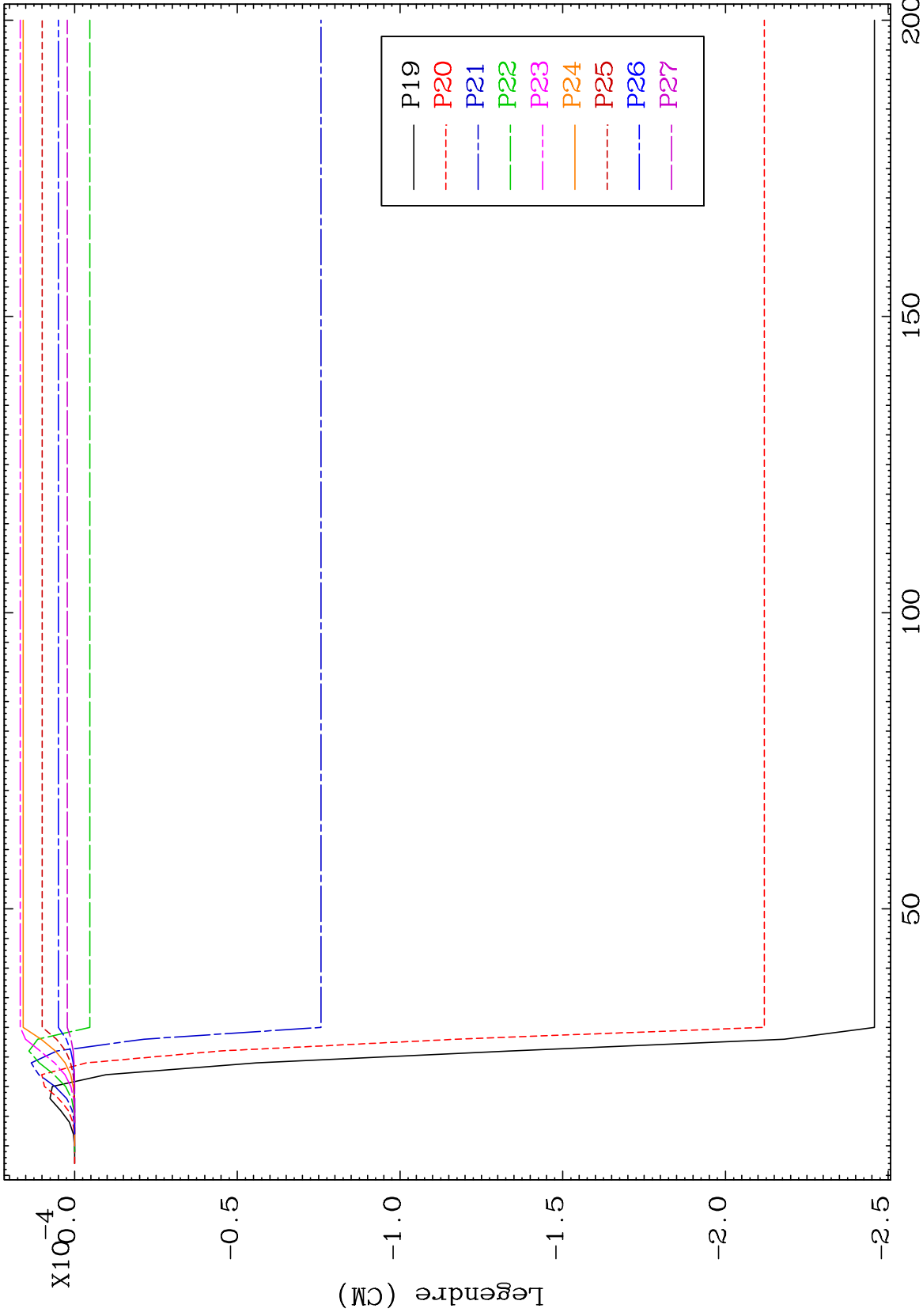
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



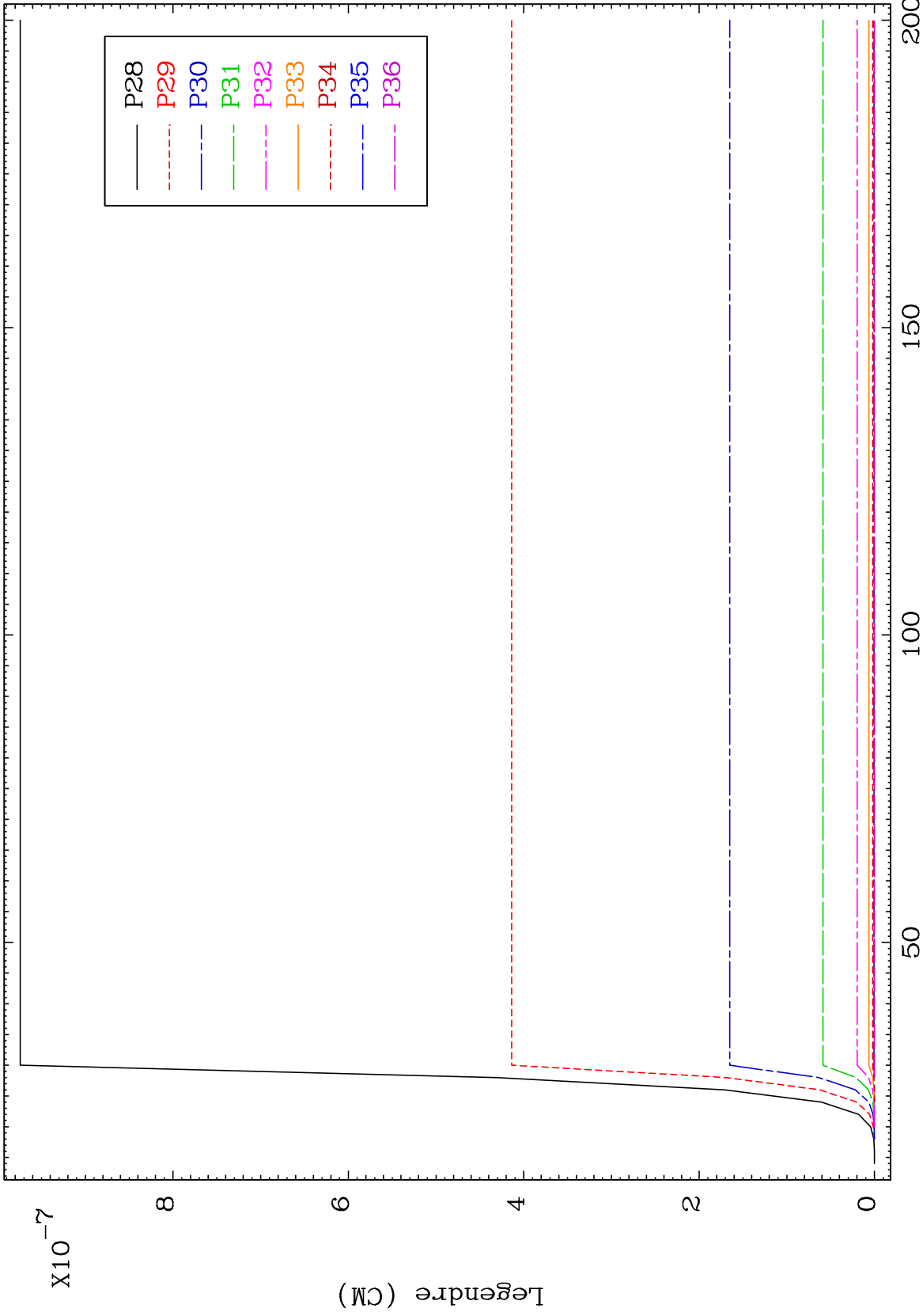
29

58-Ce-150

MAT 5867

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

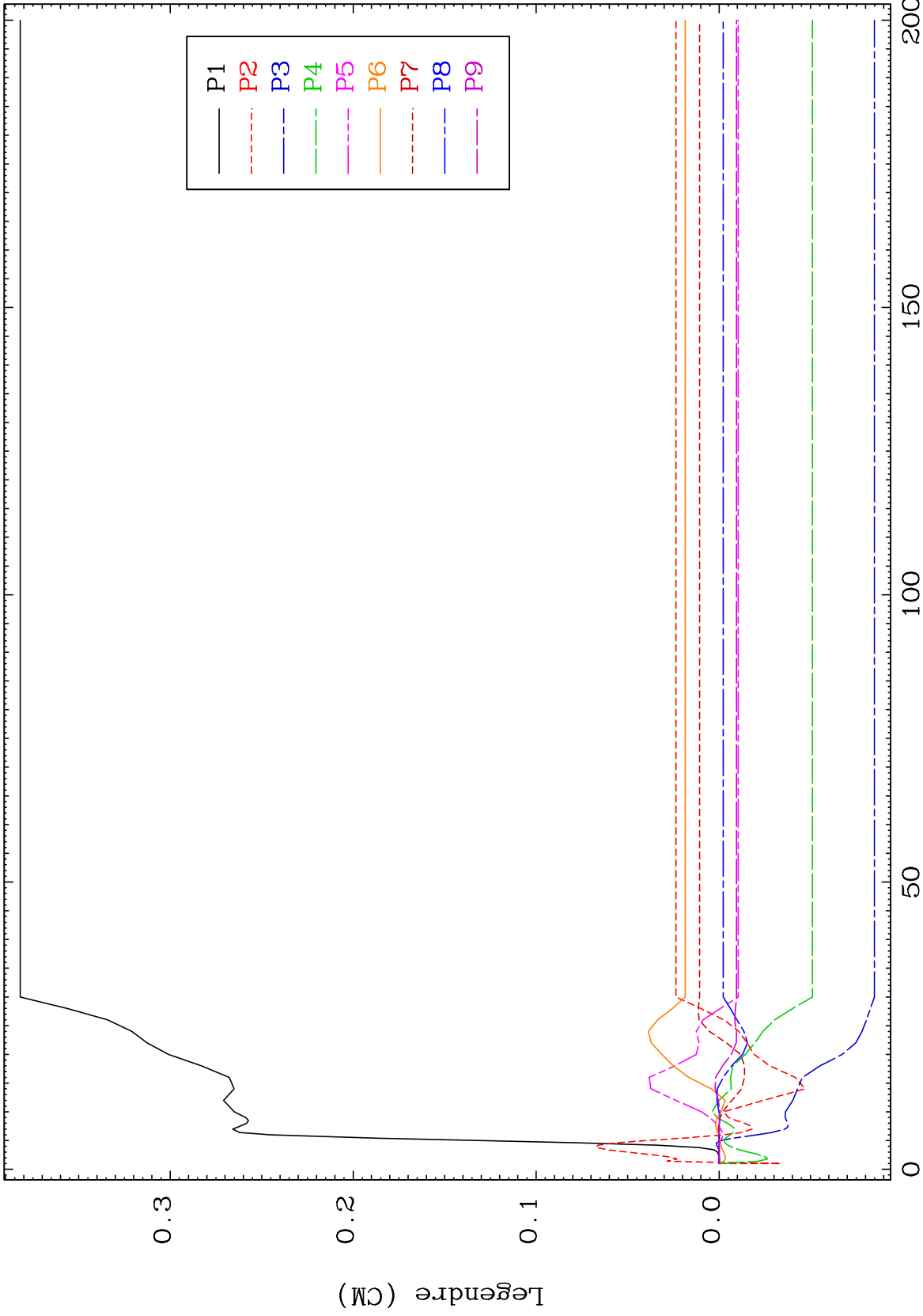
58-Ce-150



MAT 5867

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

58-Ce-150



31

Incident Energy (MeV)

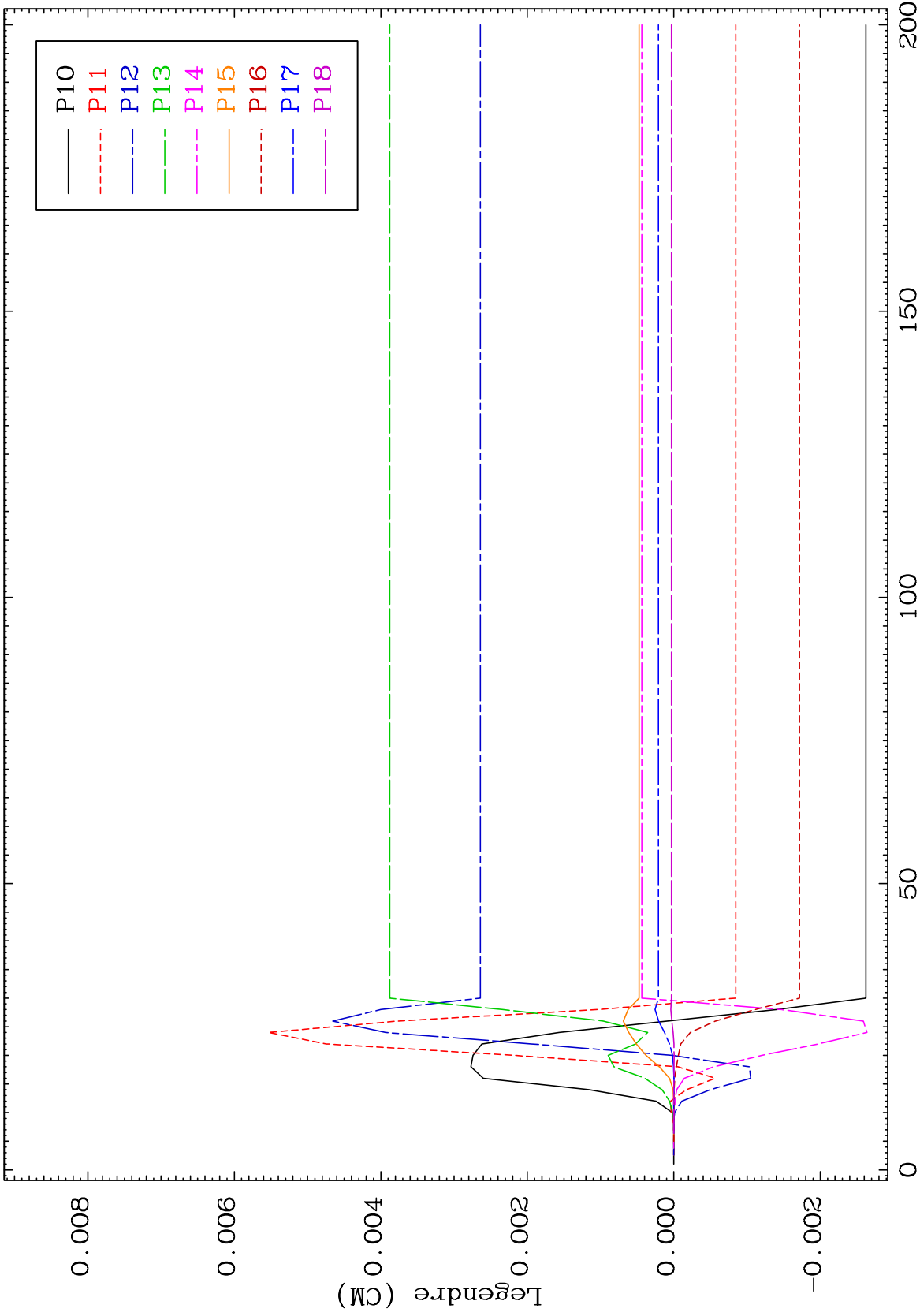
58-Ce-150



MAT 5867

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

58-Ce-150



32

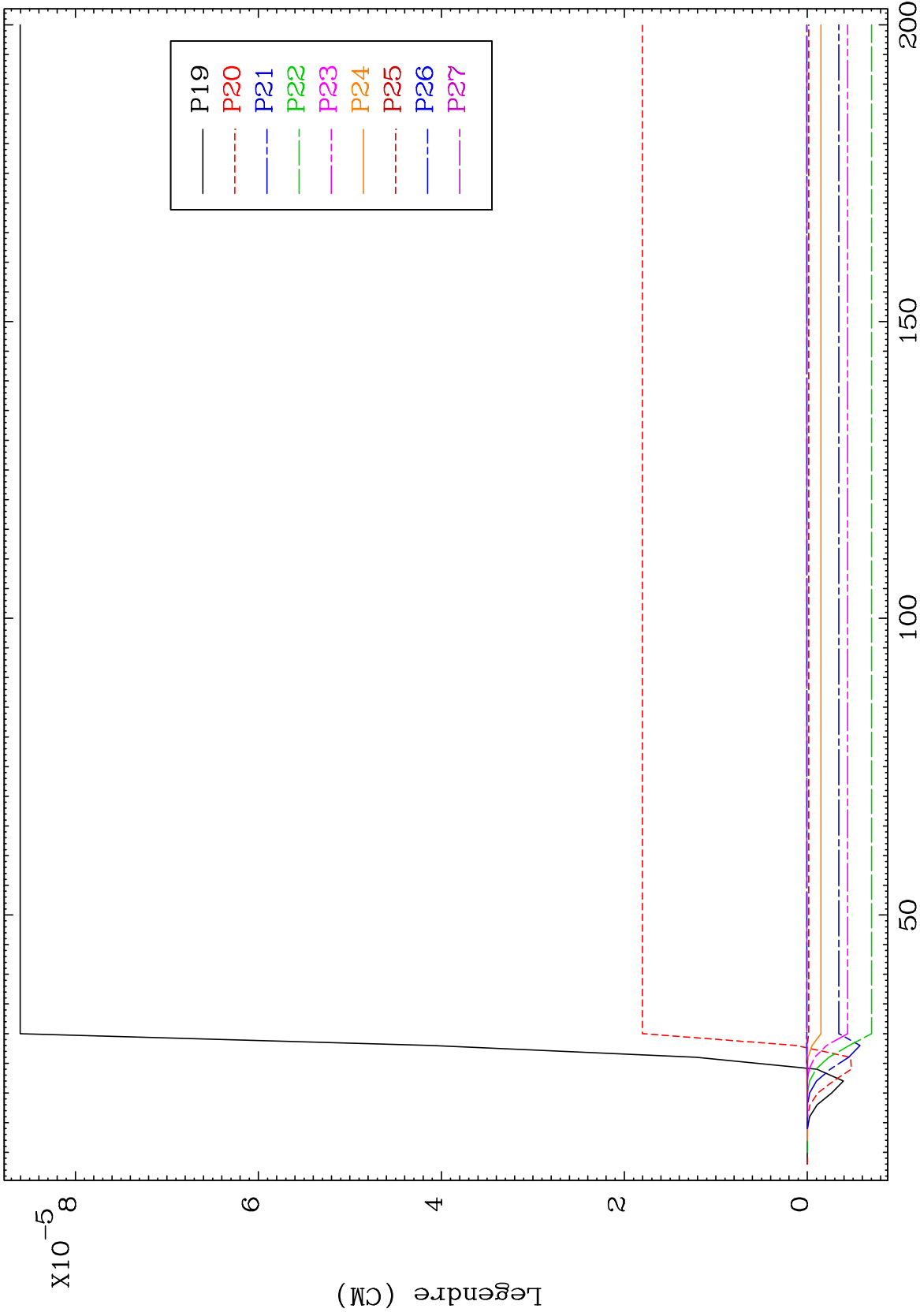
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



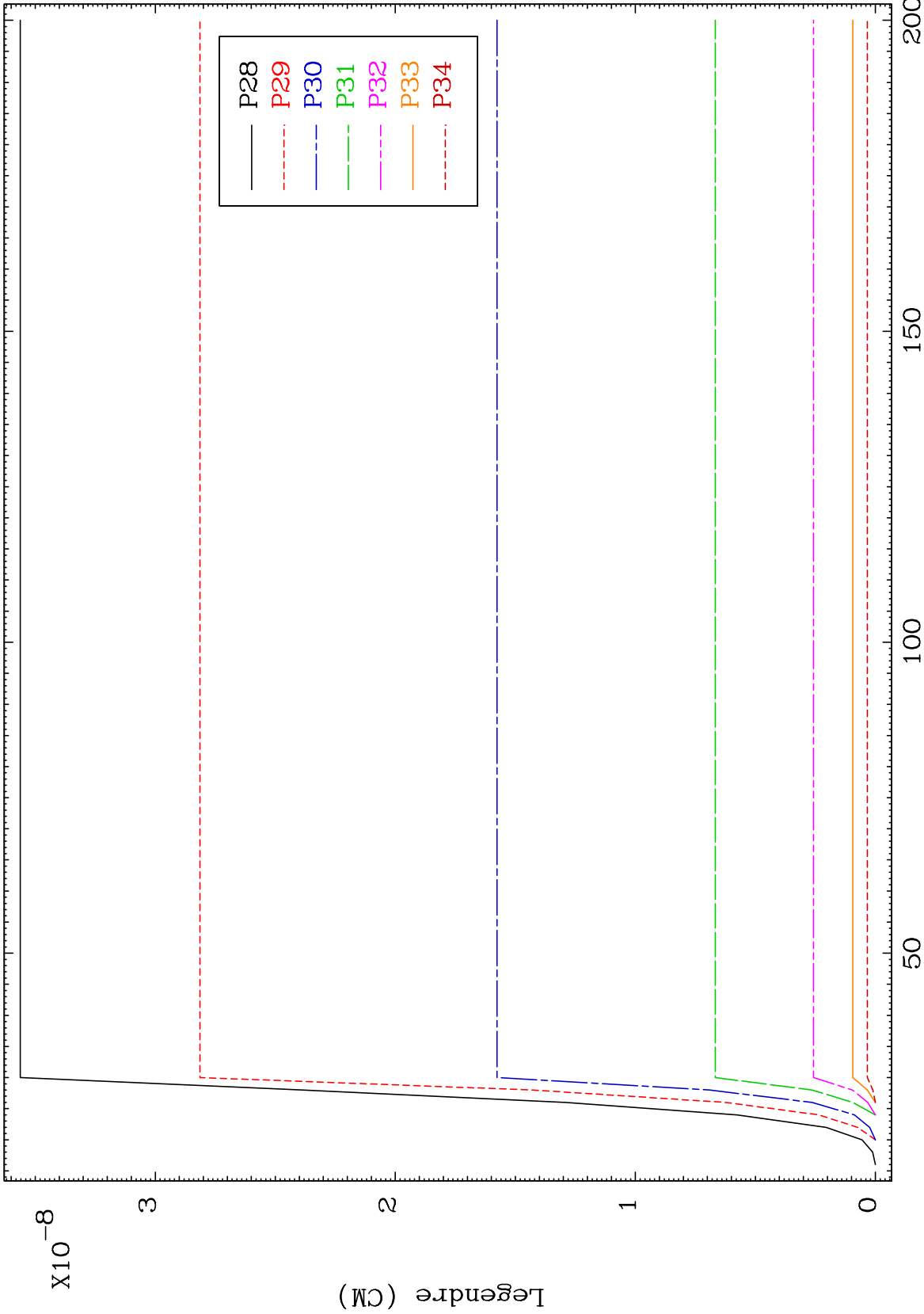
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58-Ce-150

MAT 5867

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

58-Ce-150



34

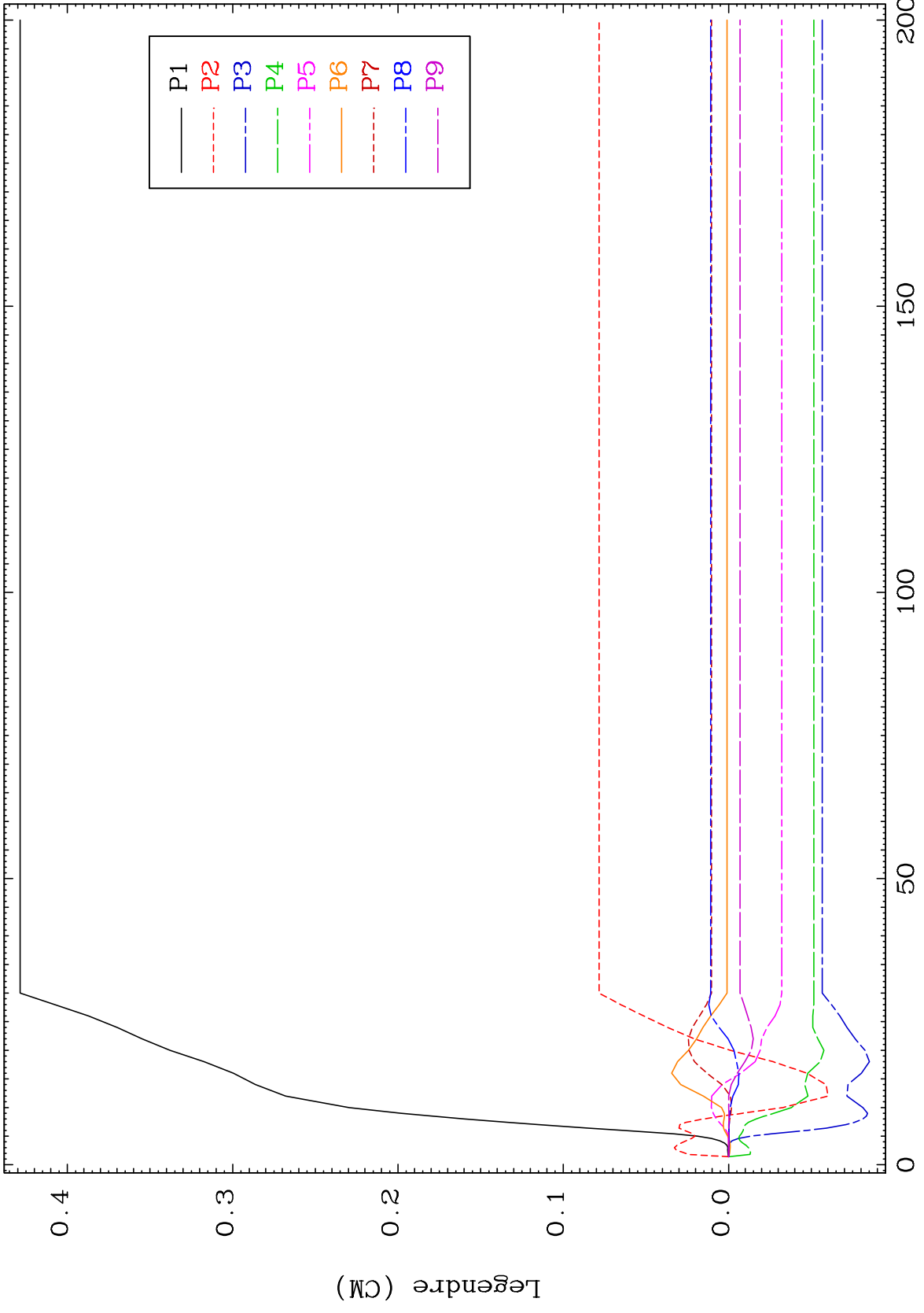
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



58-Ce-150

Incident Energy (MeV)

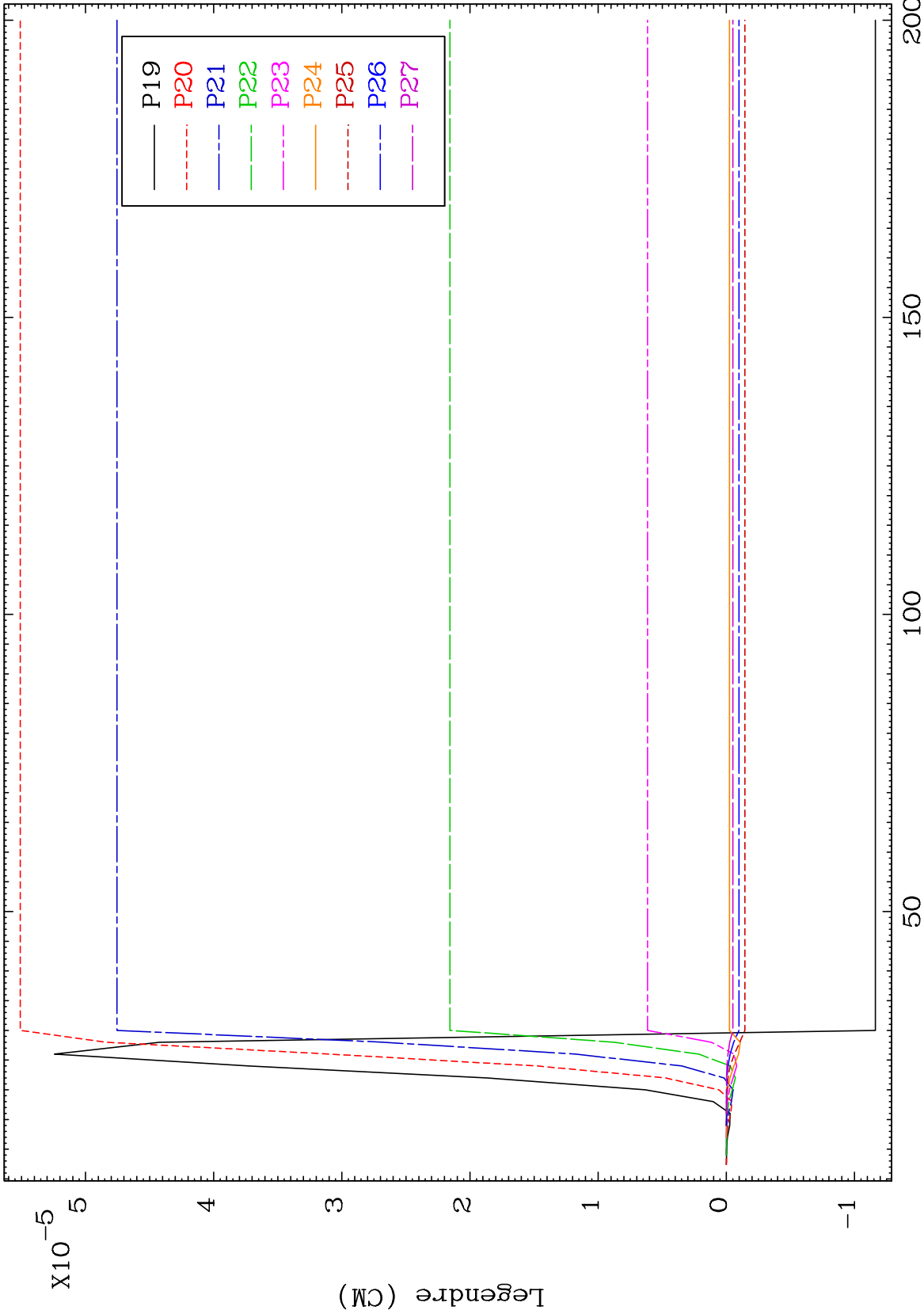
35



MAT 5867

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

58-Ce-150



37

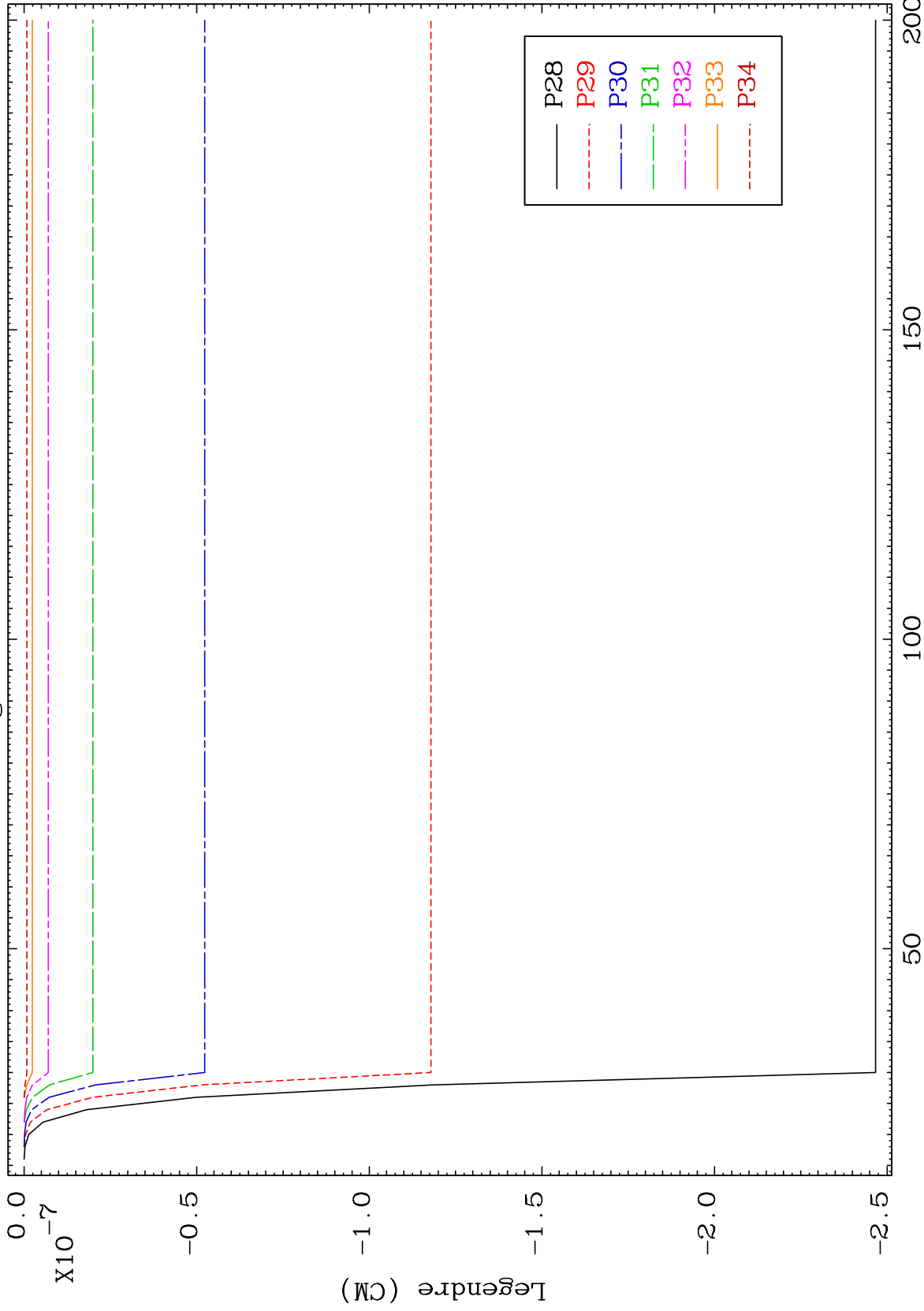
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



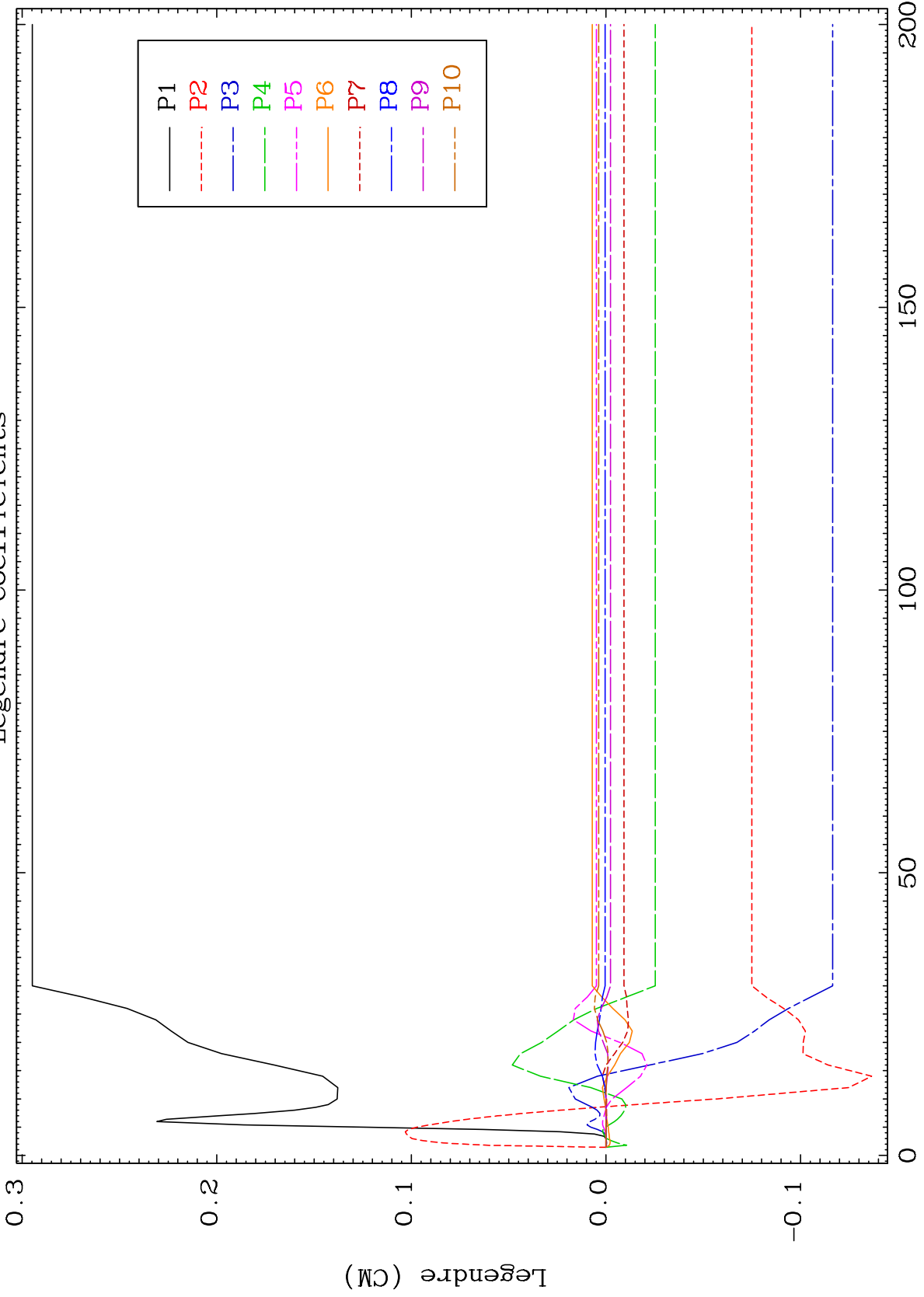
38

58-Ce-150

MAT 5867

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

58-Ce-150



39

Incident Energy (MeV)

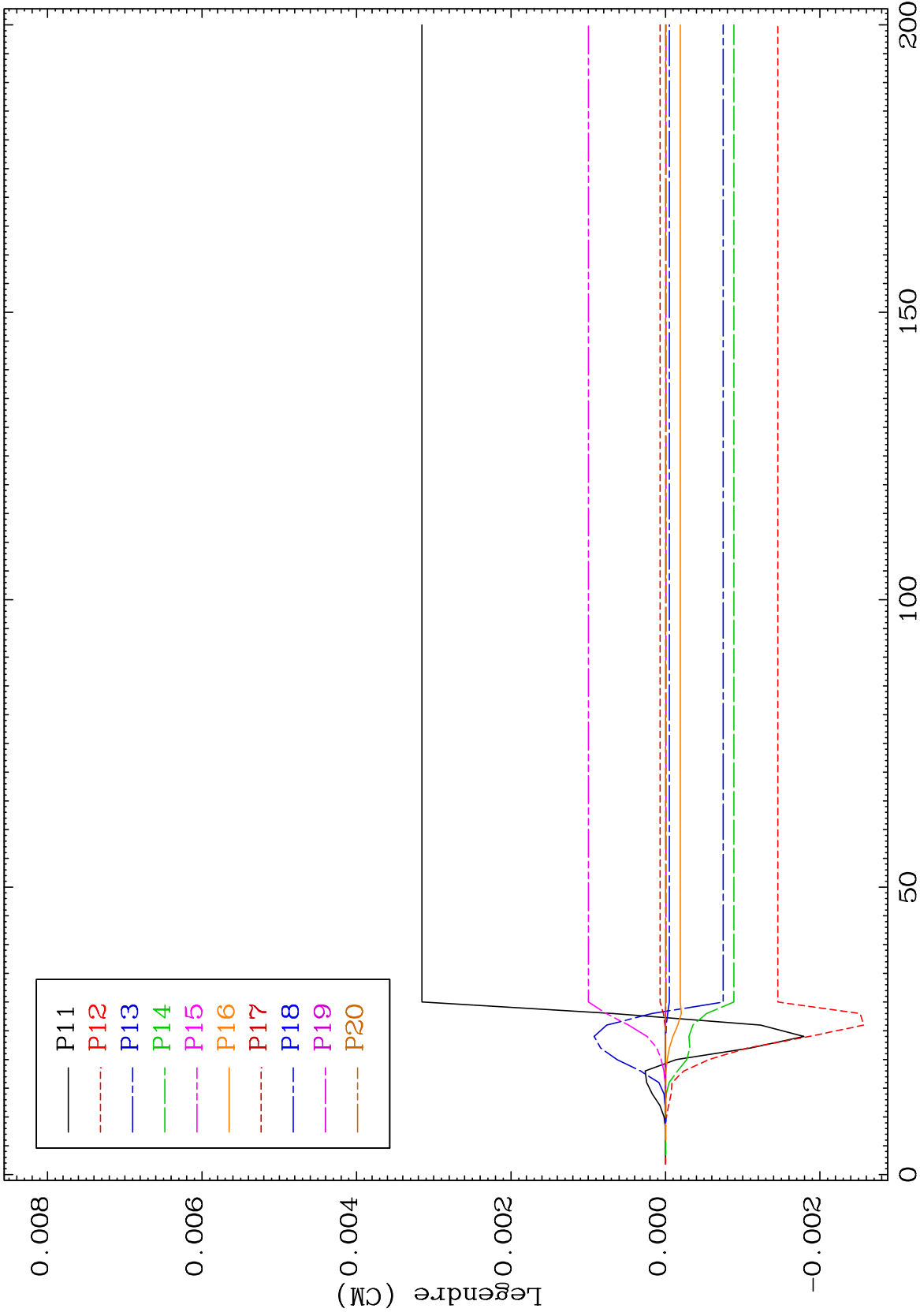
58-Ce-150



MAT 5867

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

58-Ce-150



58-Ce-150

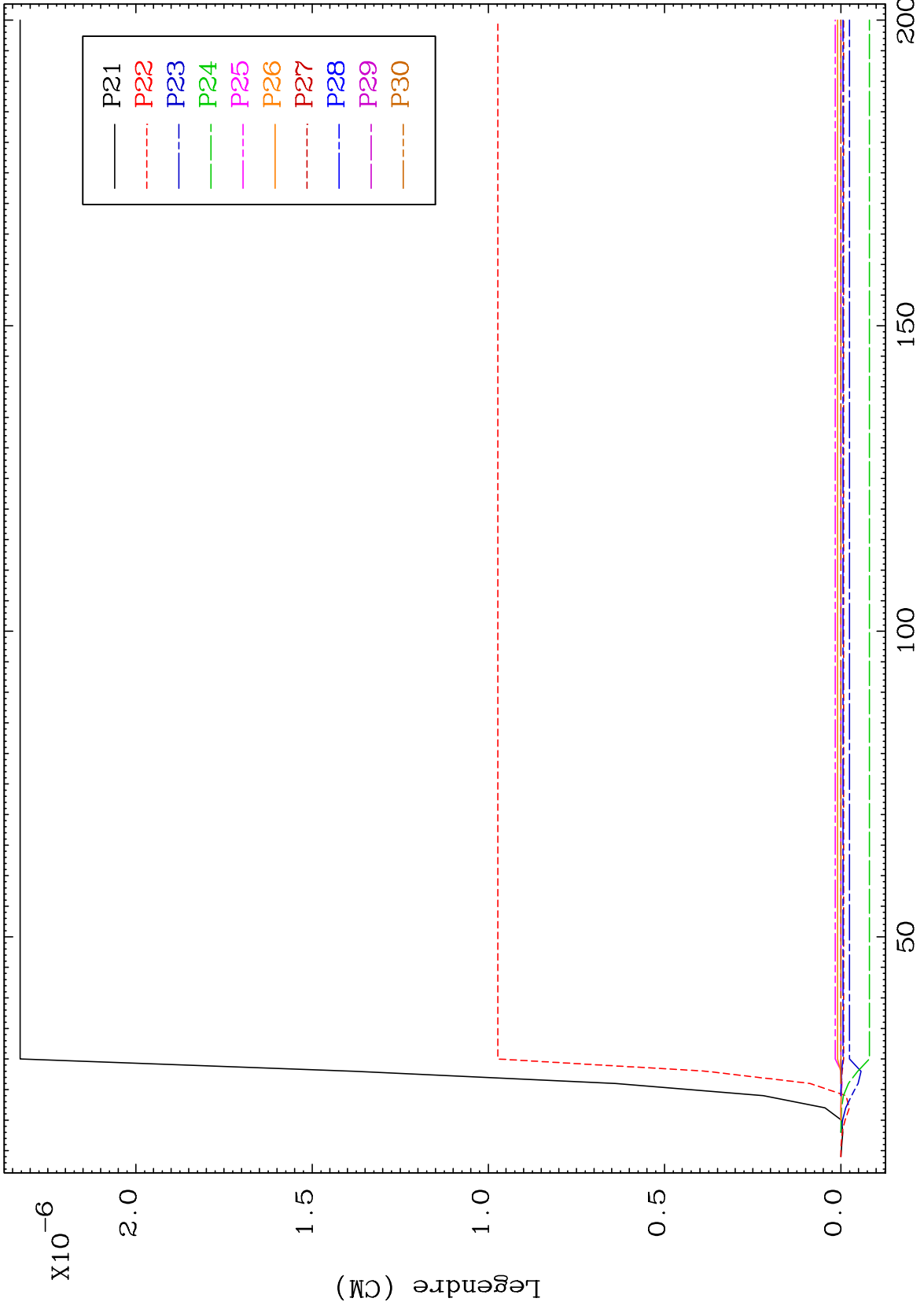
Incident Energy (MeV)

40

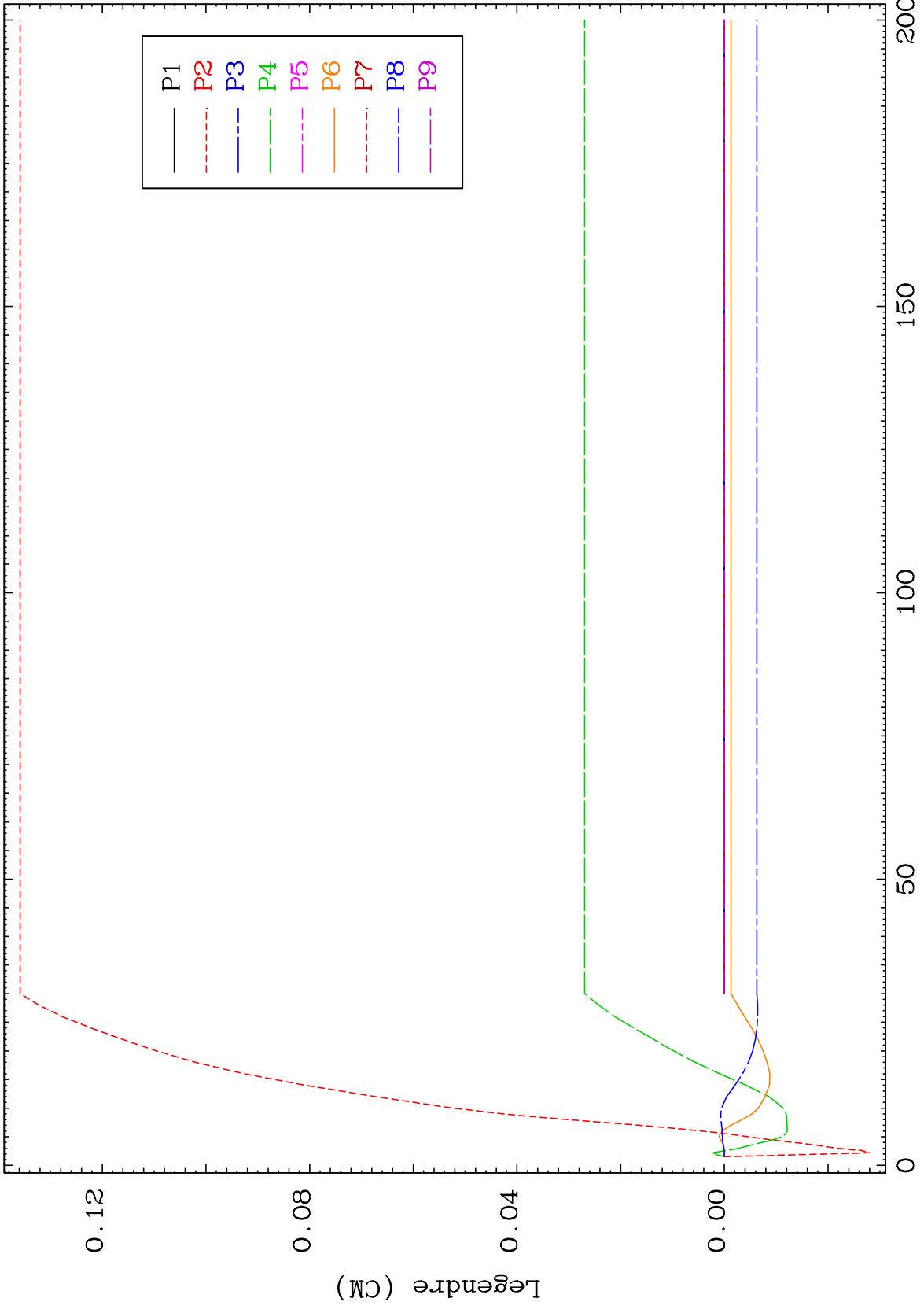
MAT 5867

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

58-Ce-150



MAT 5867 MT= 57 (n,n') Level Legendre Coefficients 58-Ce-150

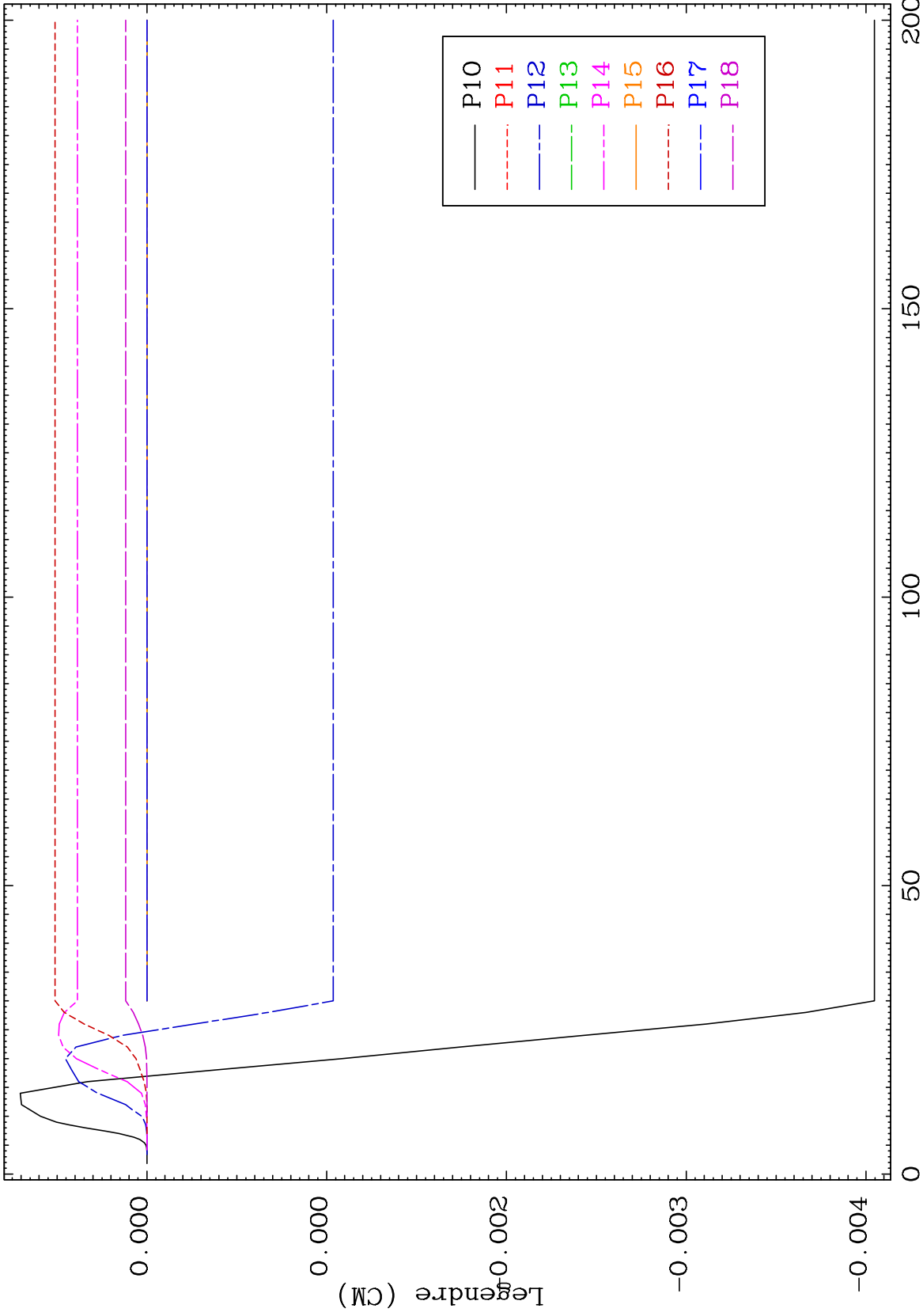


42 58-Ce-150

MAT 5867

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

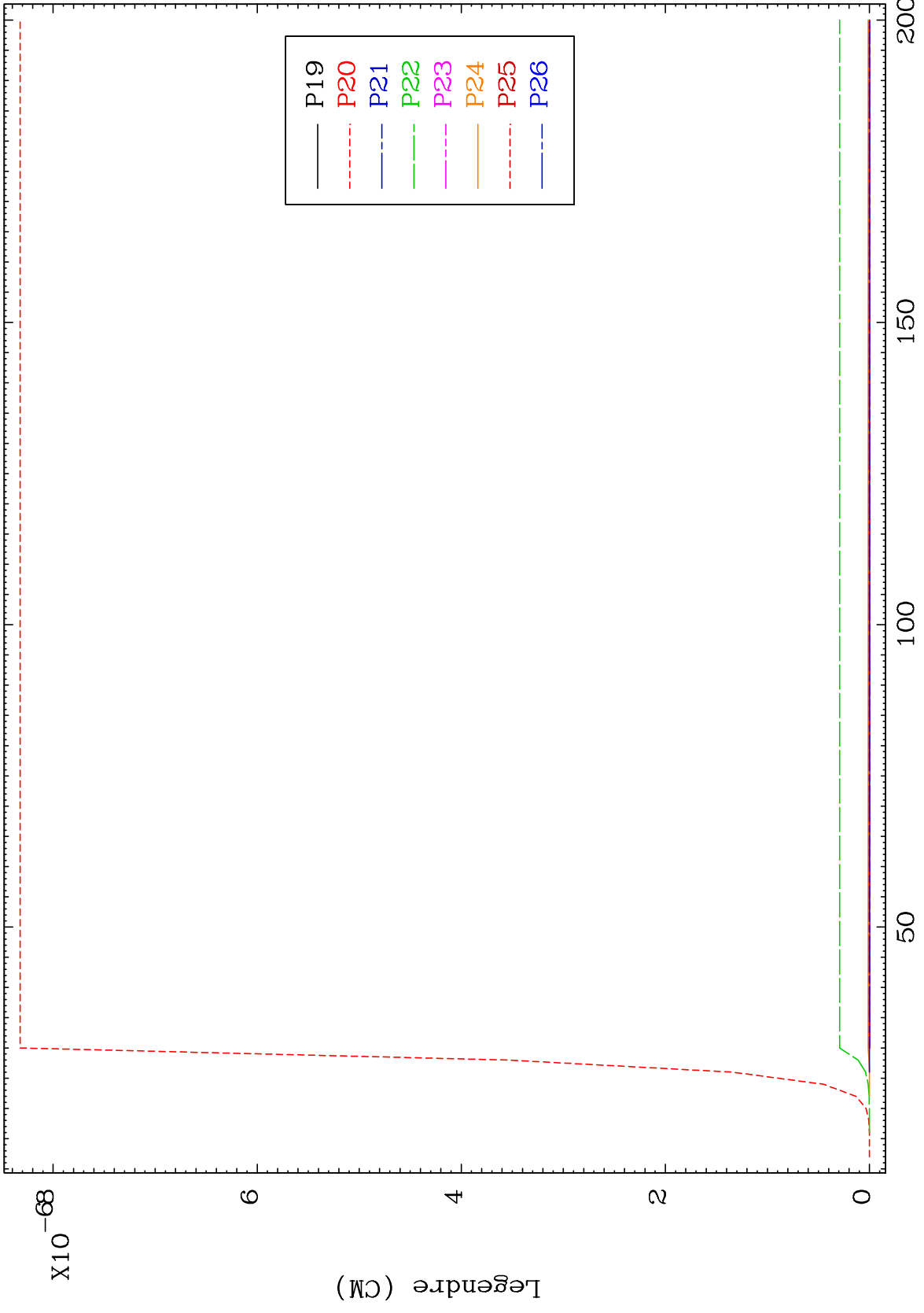
58-Ce-150



43

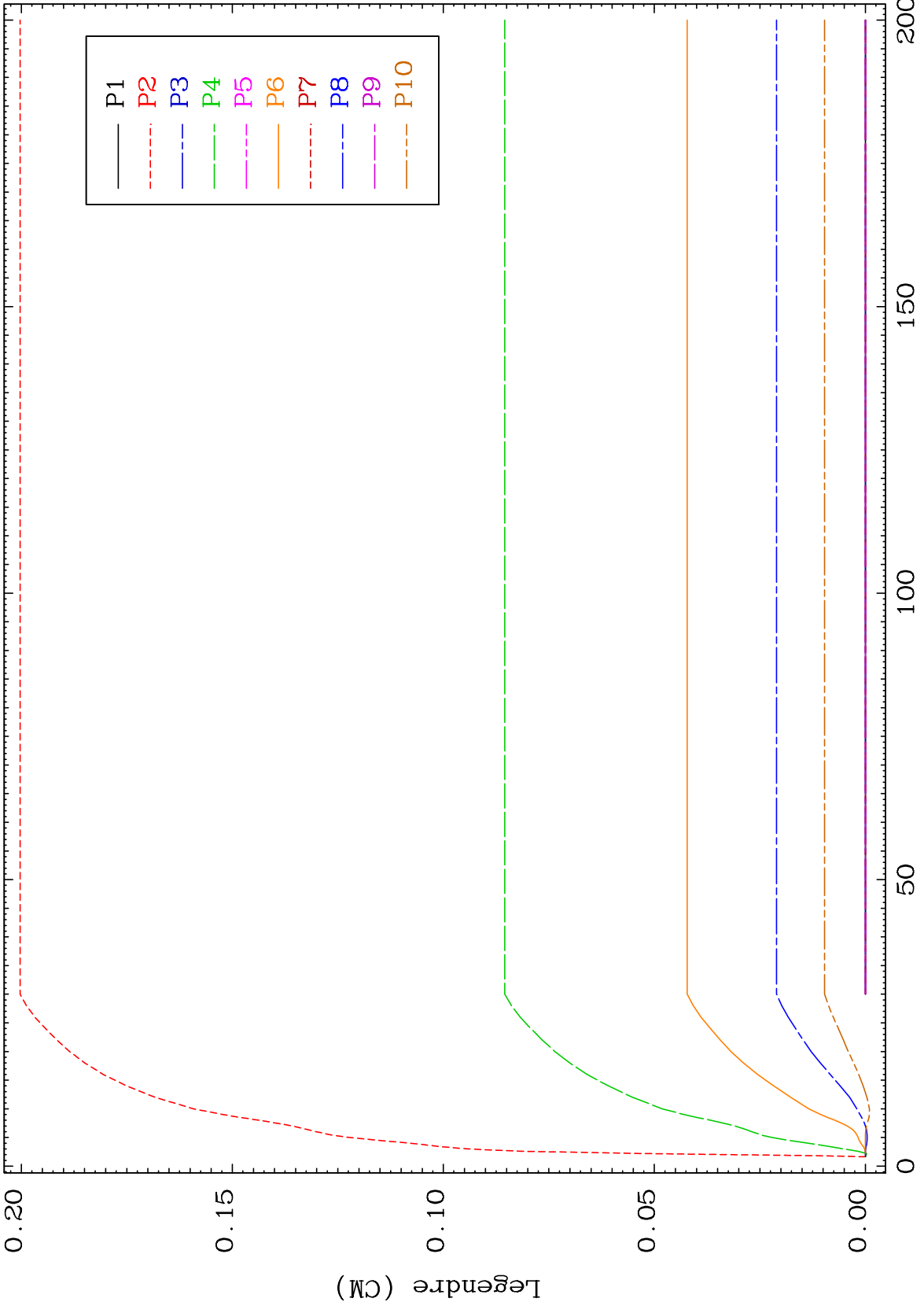
58-Ce-150

MAT 5867 MT= 57 (n,n') Level Legendre Coefficients 58-Ce-150



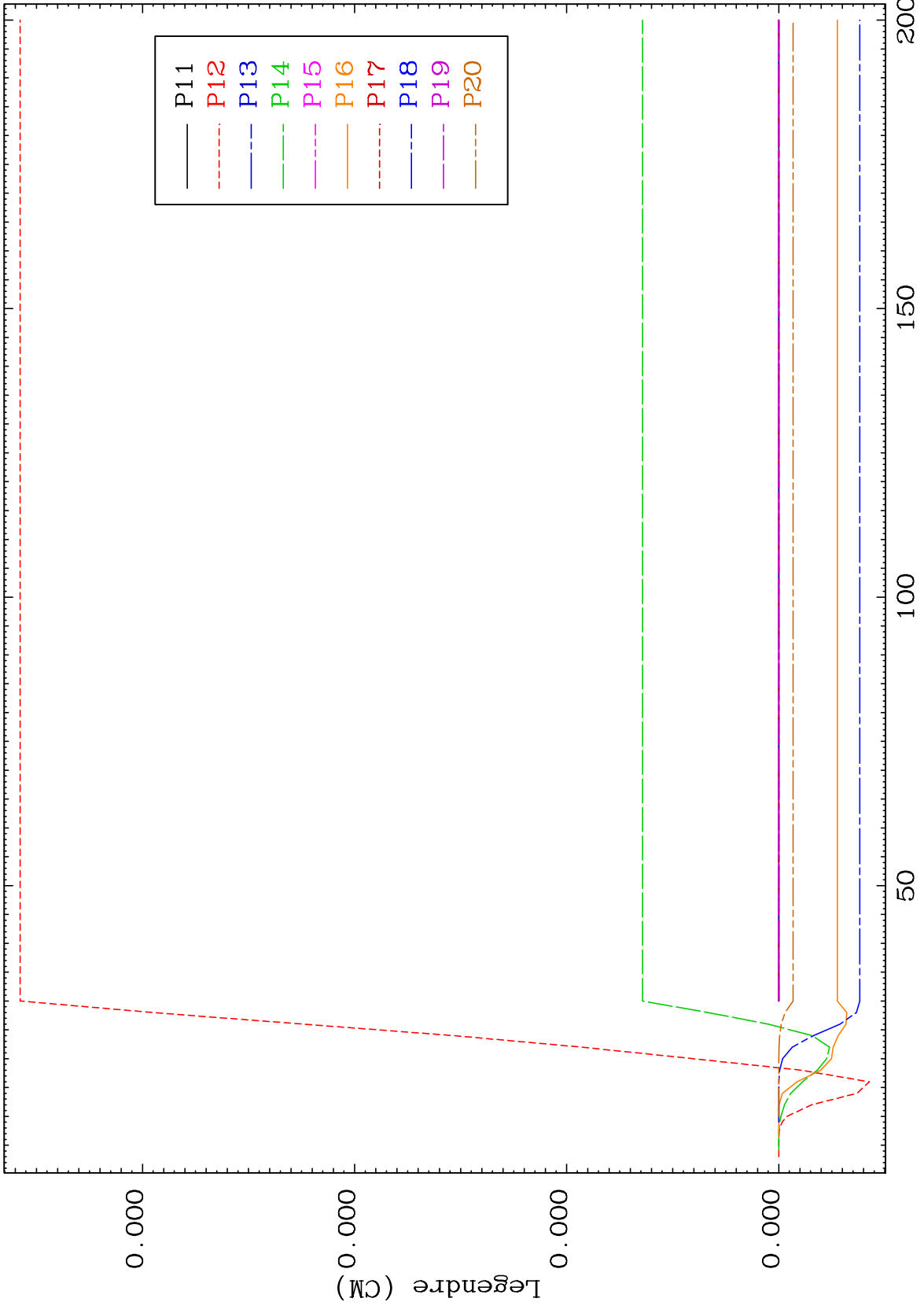
44 Incident Energy (MeV) 58-Ce-150

MAT 5867 MT= 58 (n,n') Level Legendre Coefficients 58-Ce-150

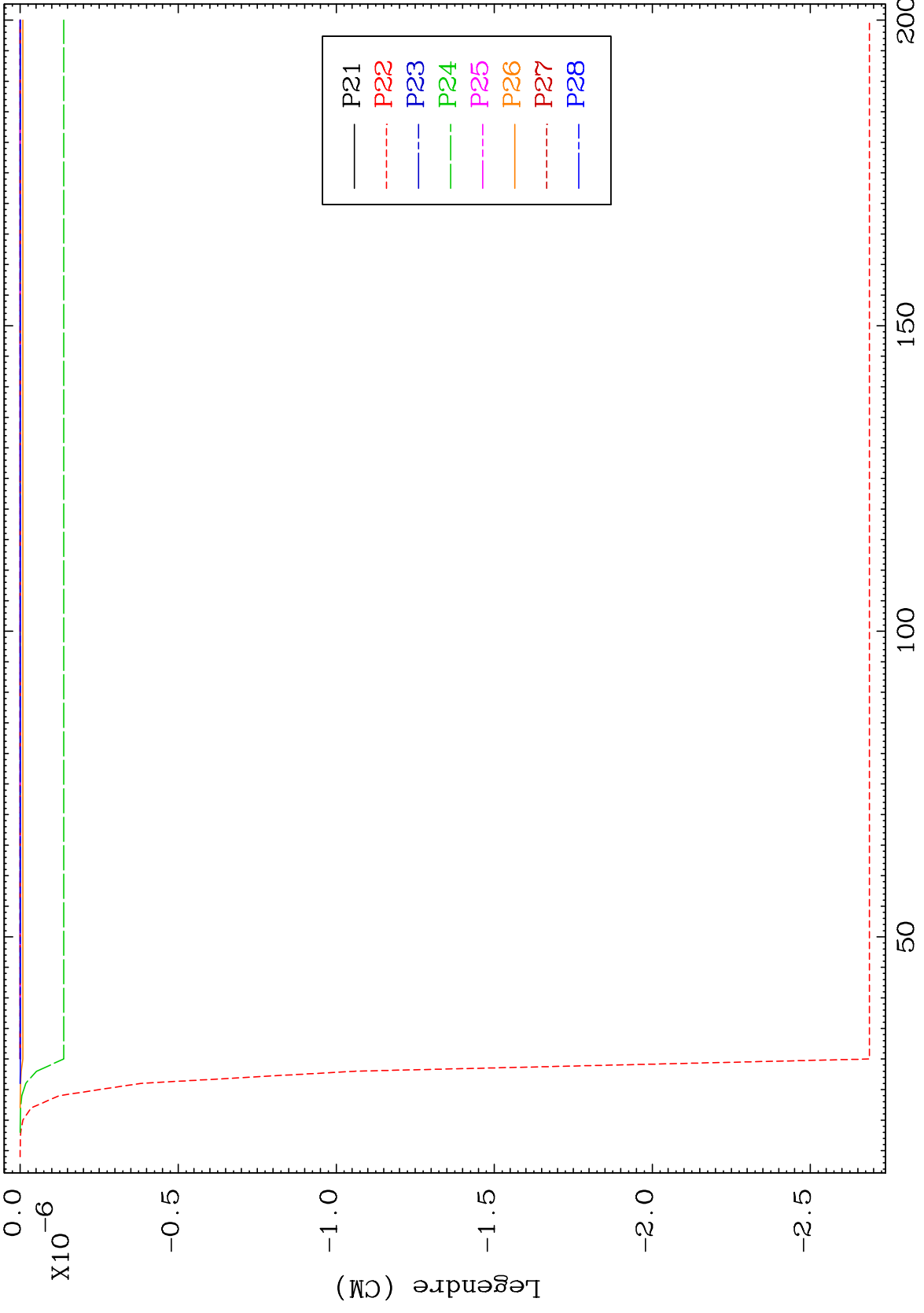


Incident Energy (MeV) 58-Ce-150

MAT 5867 MT= 58 (n,n') Level Legendre Coefficients 58-Ce-150



MAT 5867 MT= 58 (n,n') Level Legendre Coefficients 58-Ce-150

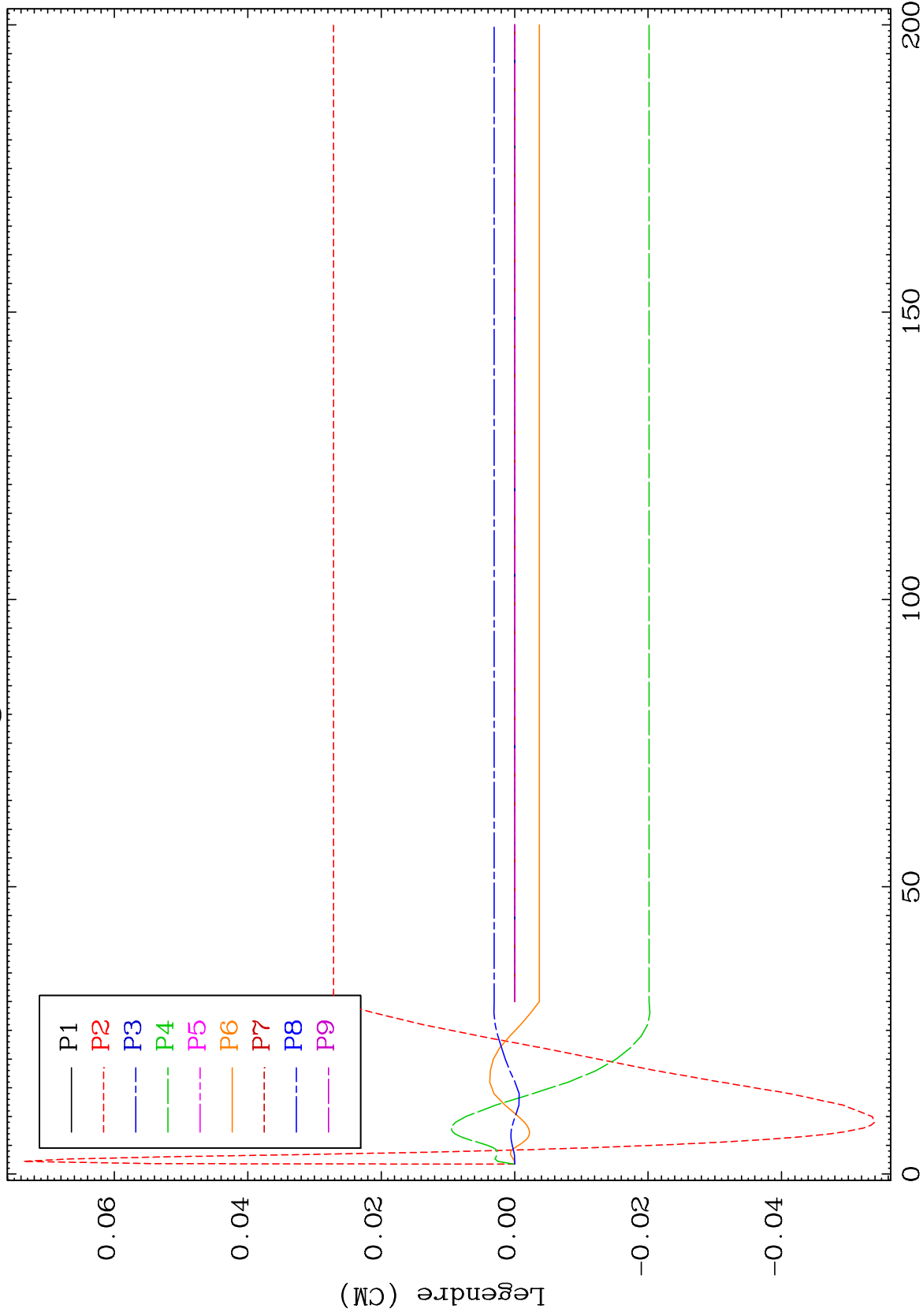




MAT 5867

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

58-Ce-150



48

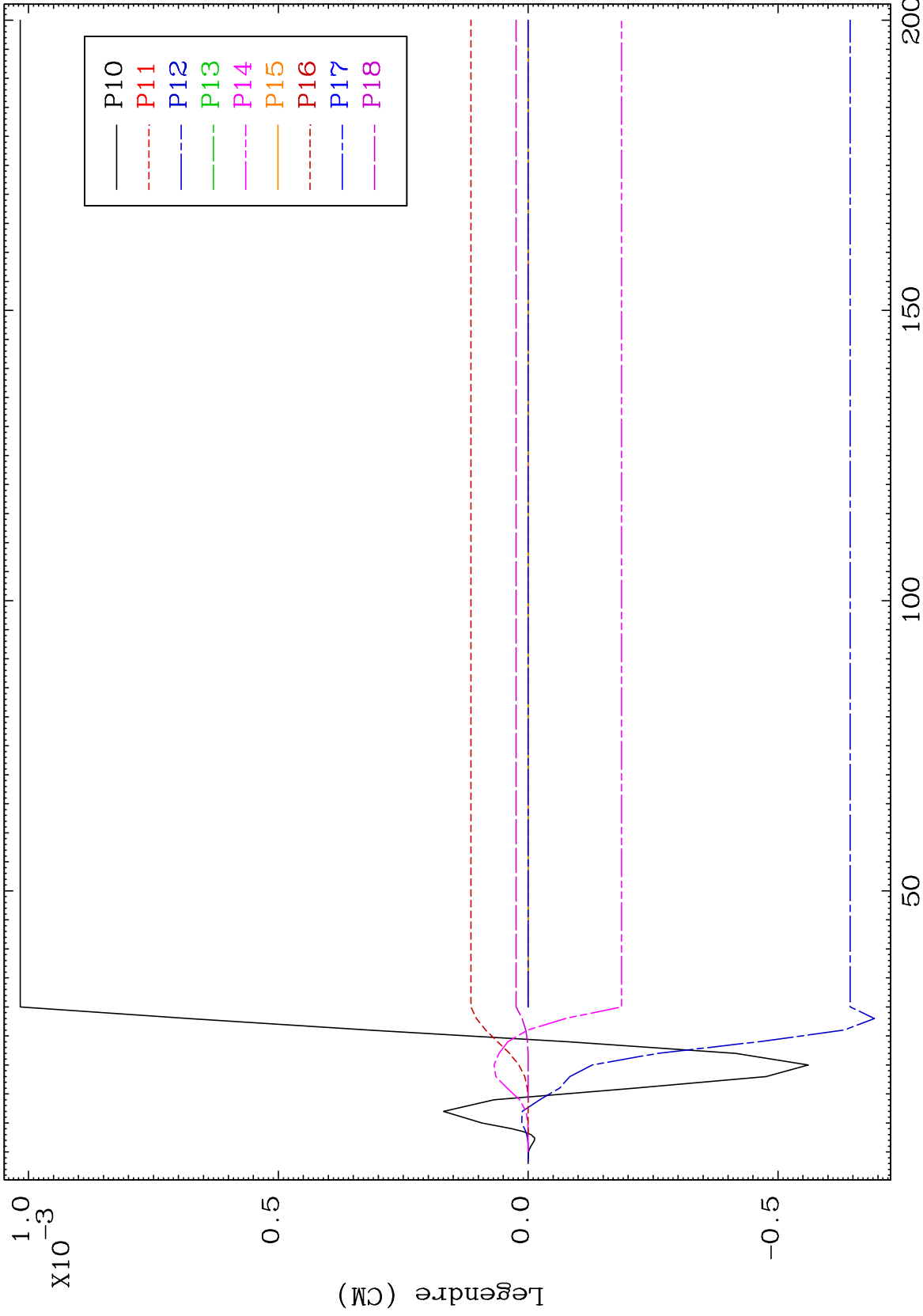
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



49

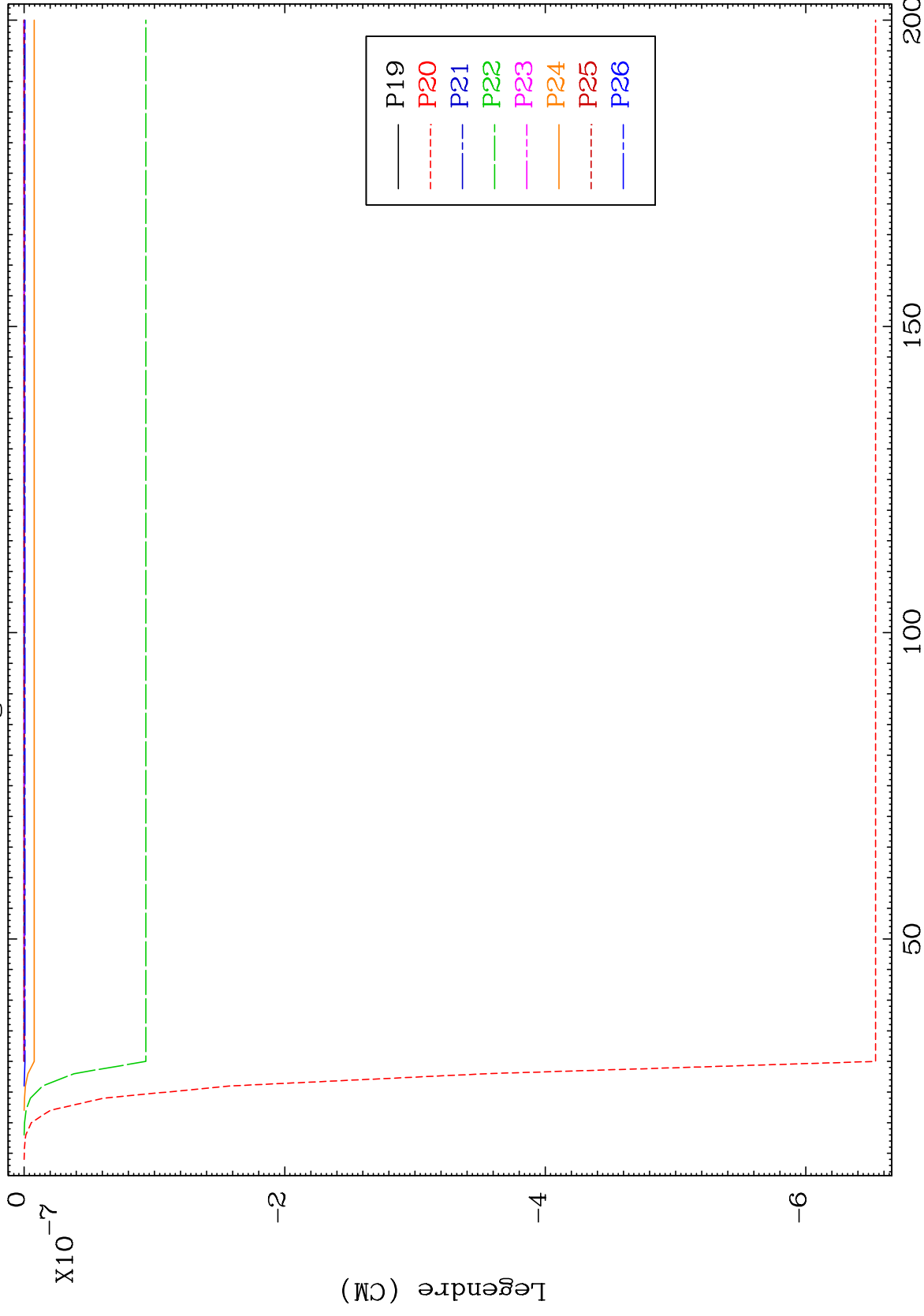
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



58-Ce-150

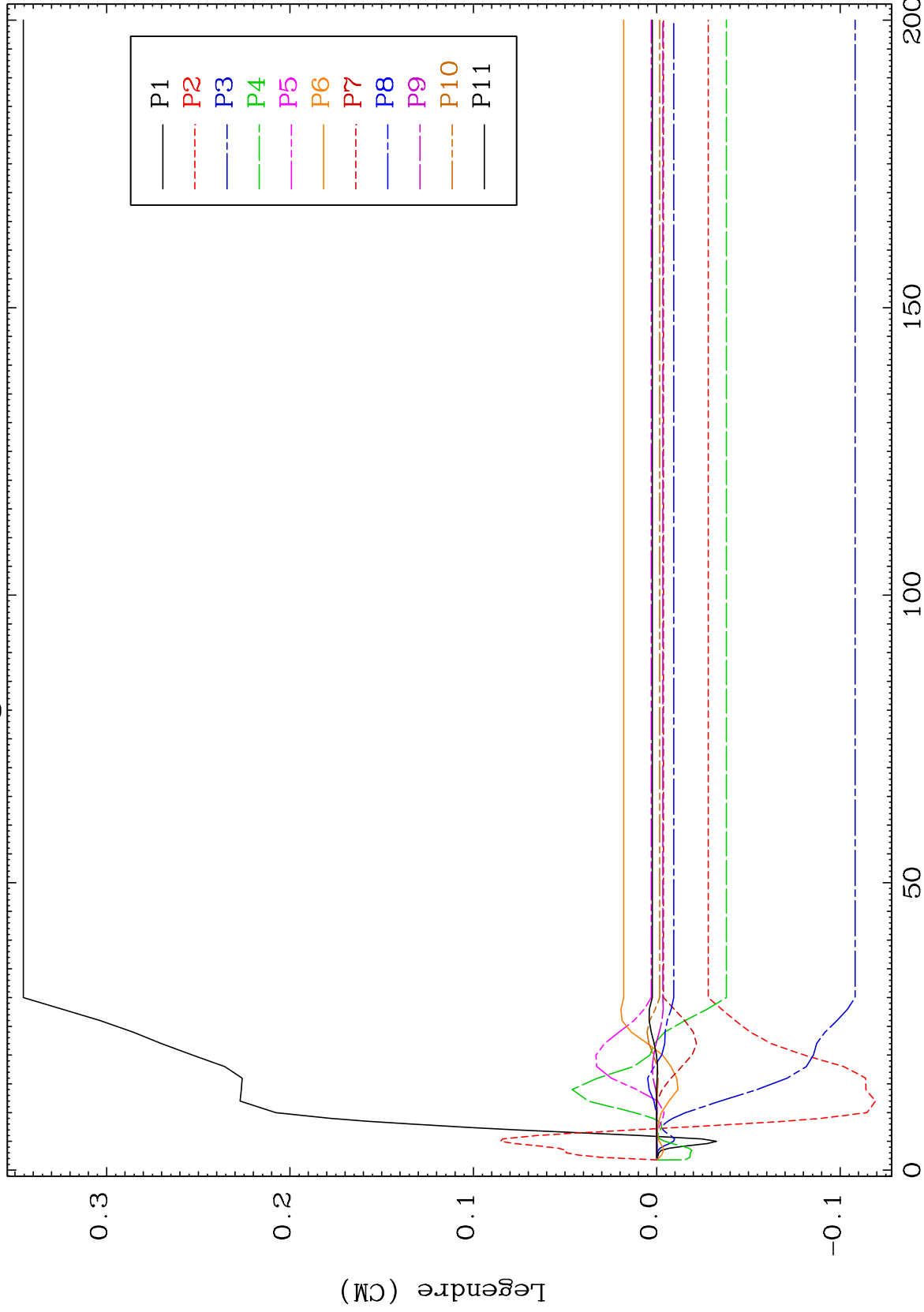
Incident Energy (MeV)

Legendre (CM)

MAT 5867

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

58-Ce-150



51

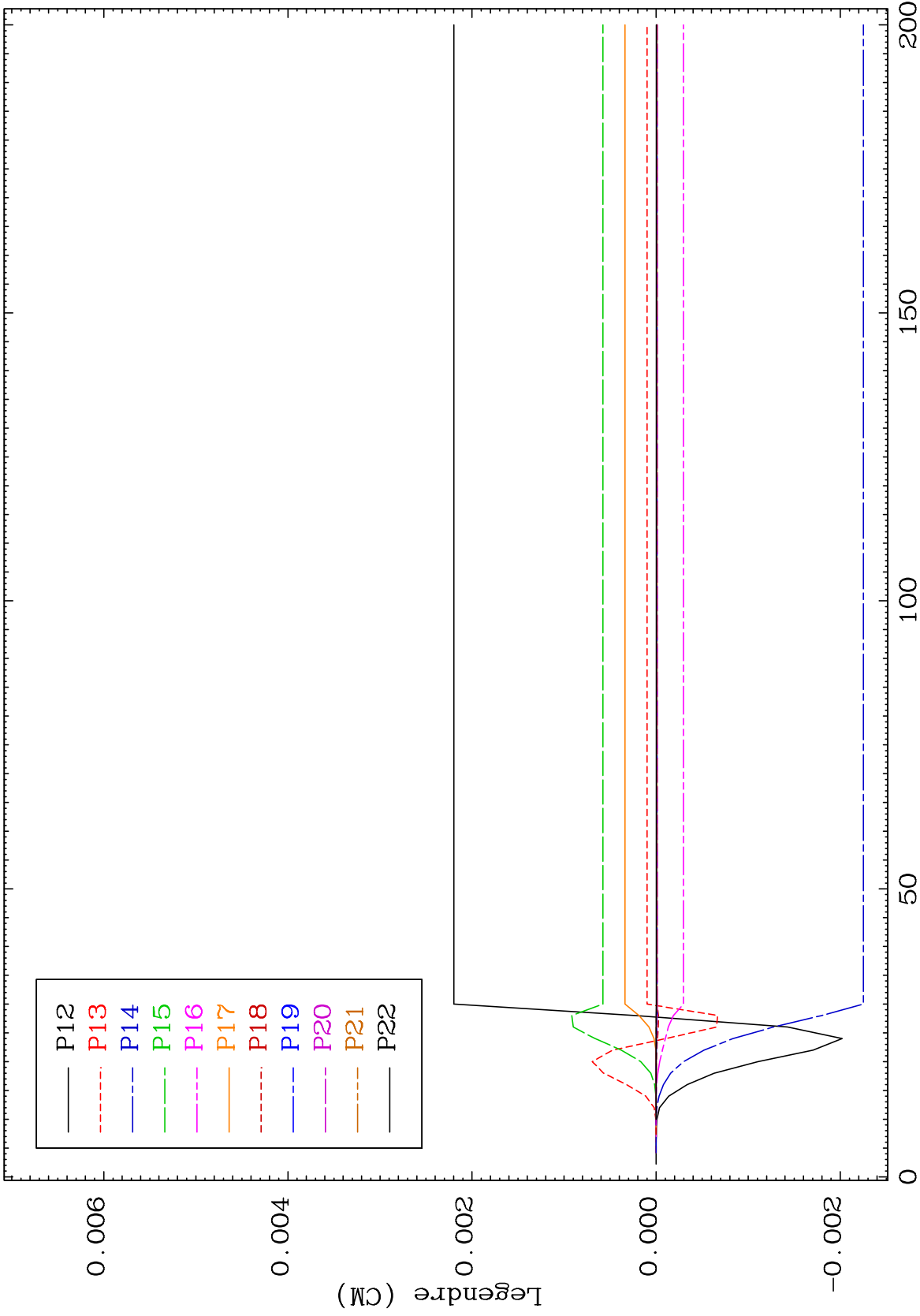
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



52

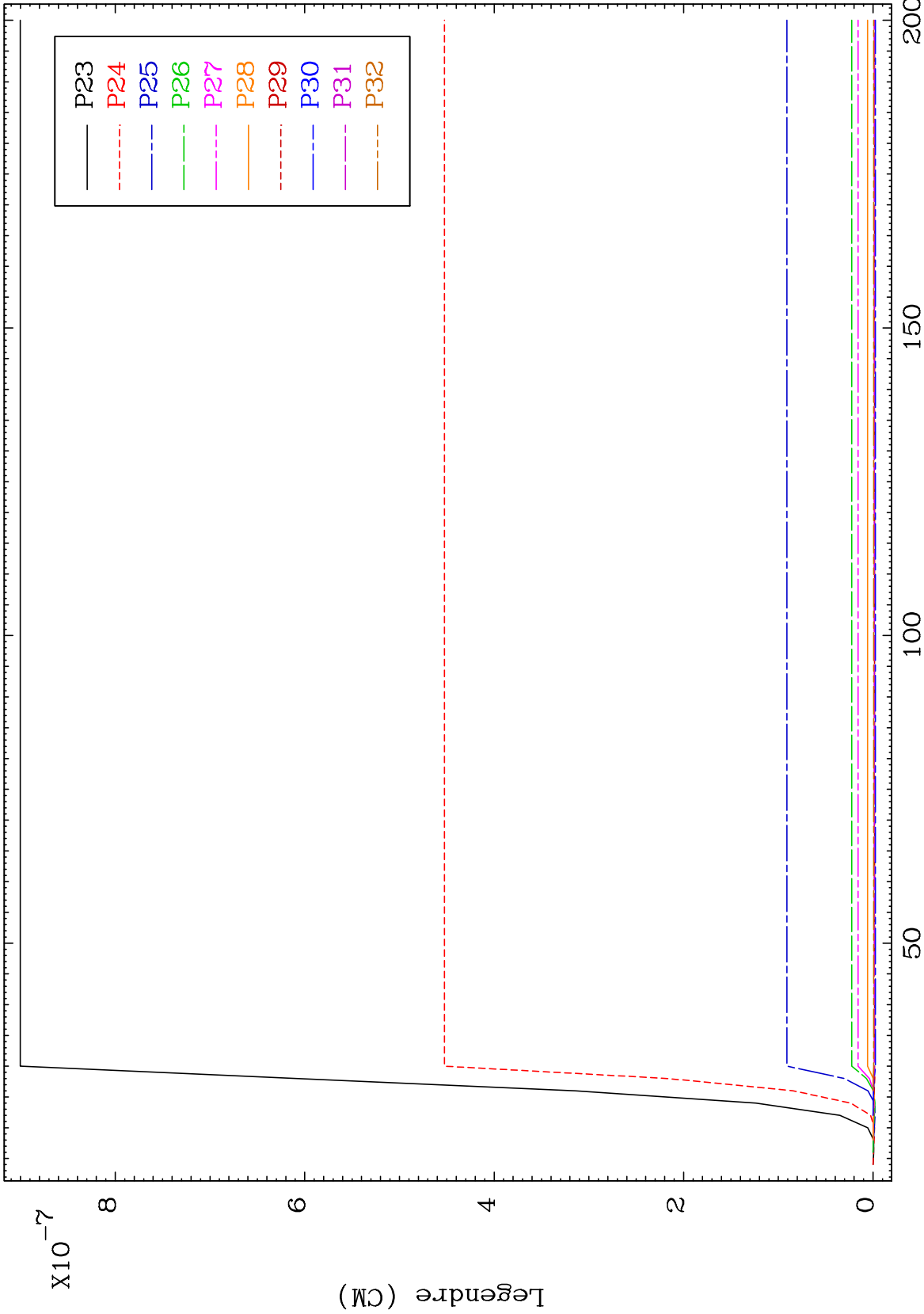
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



53

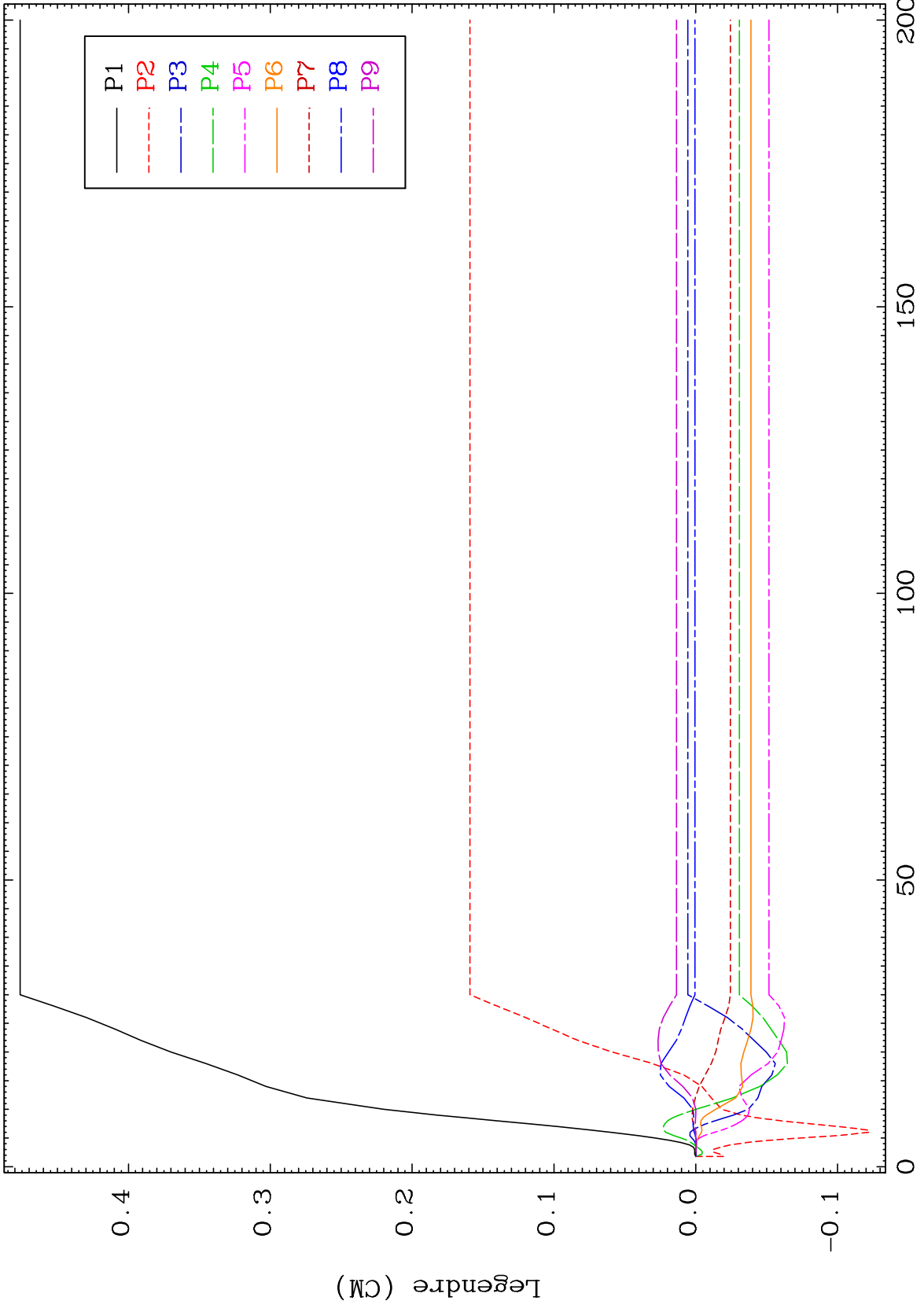
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



54

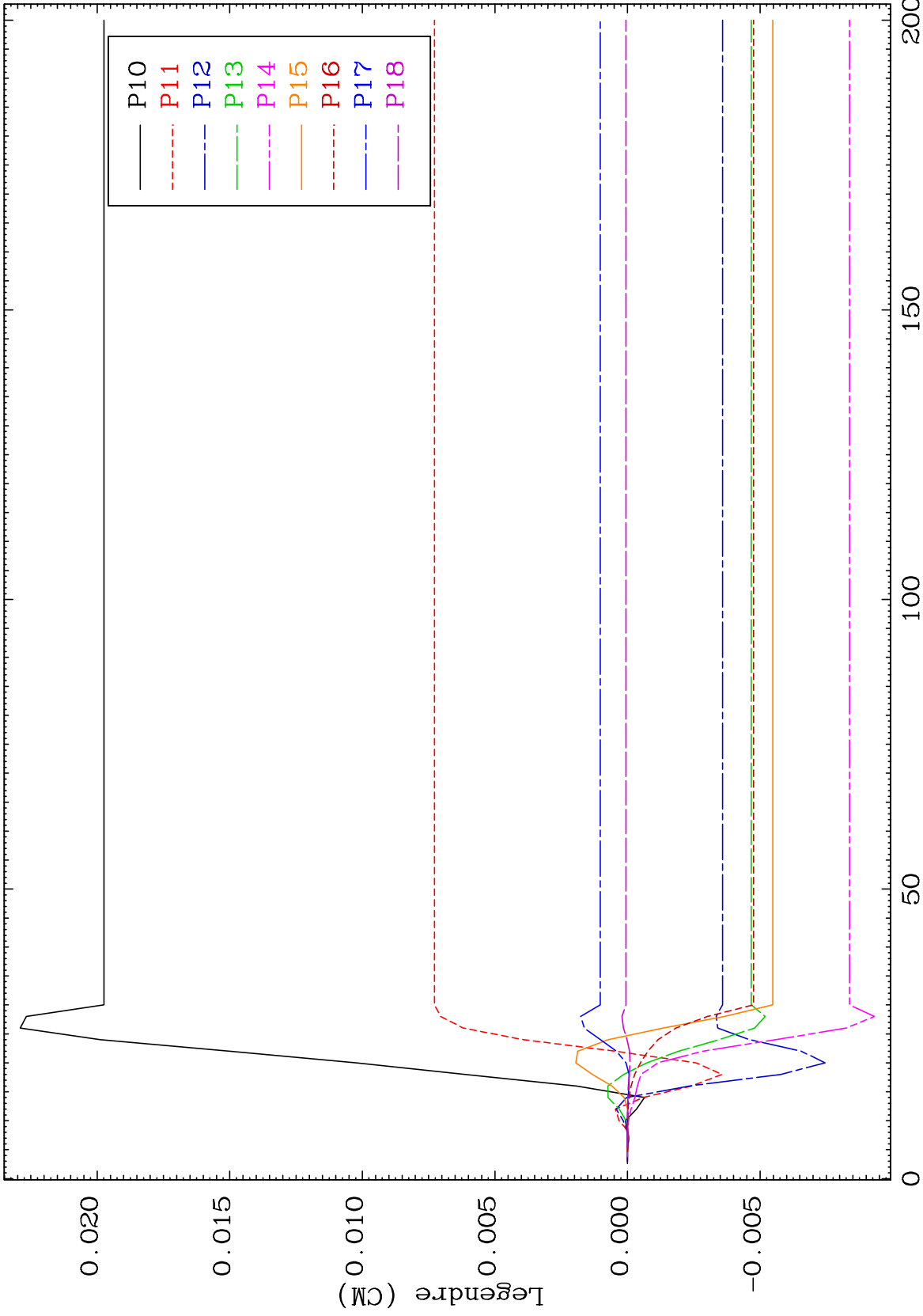
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



55

Incident Energy (MeV)

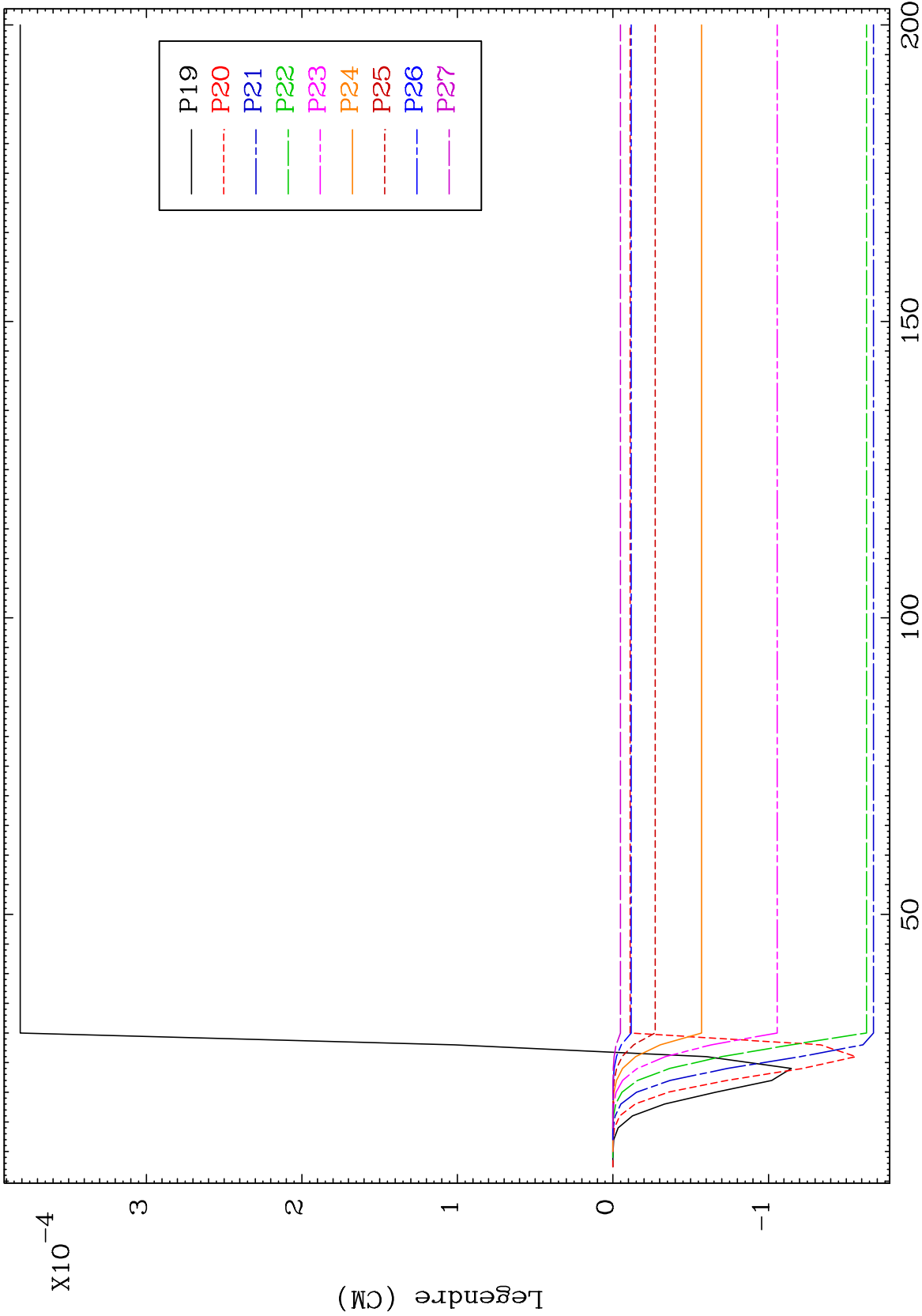
58-Ce-150



MAT 5867

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

58-Ce-150



56

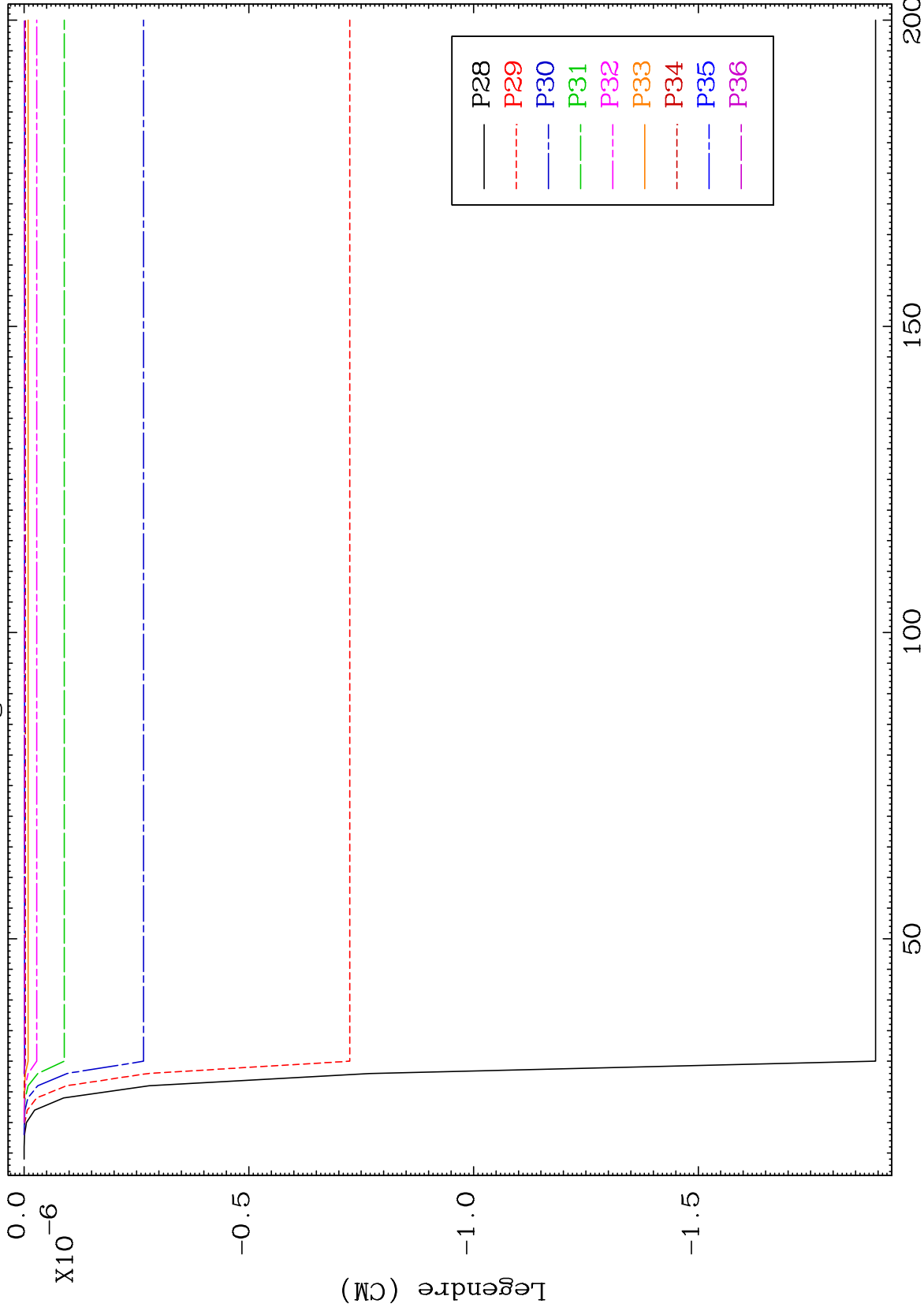
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



58-Ce-150

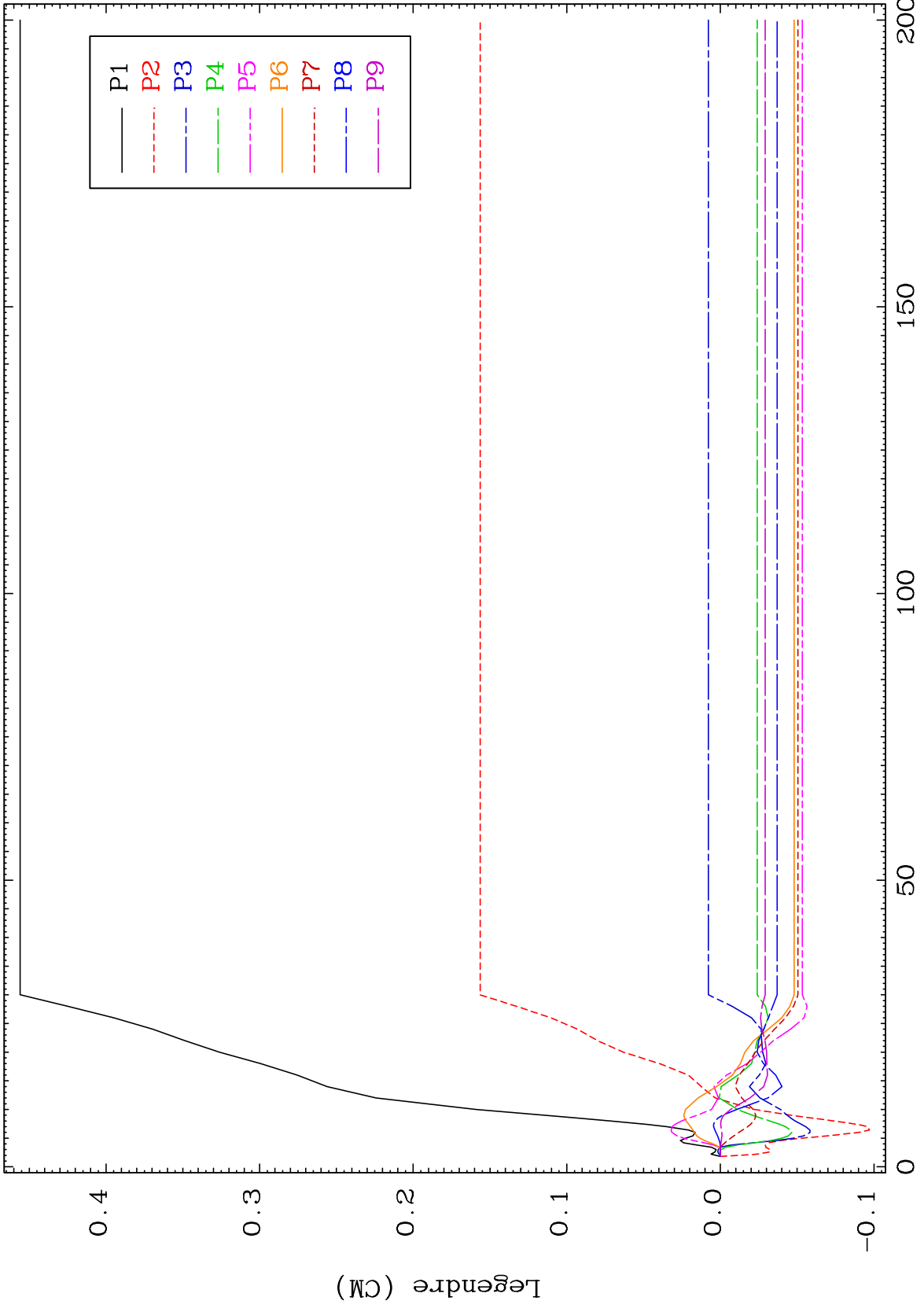
Incident Energy (MeV)

57

MAT 5867

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

58-Ce-150



58-Ce-150

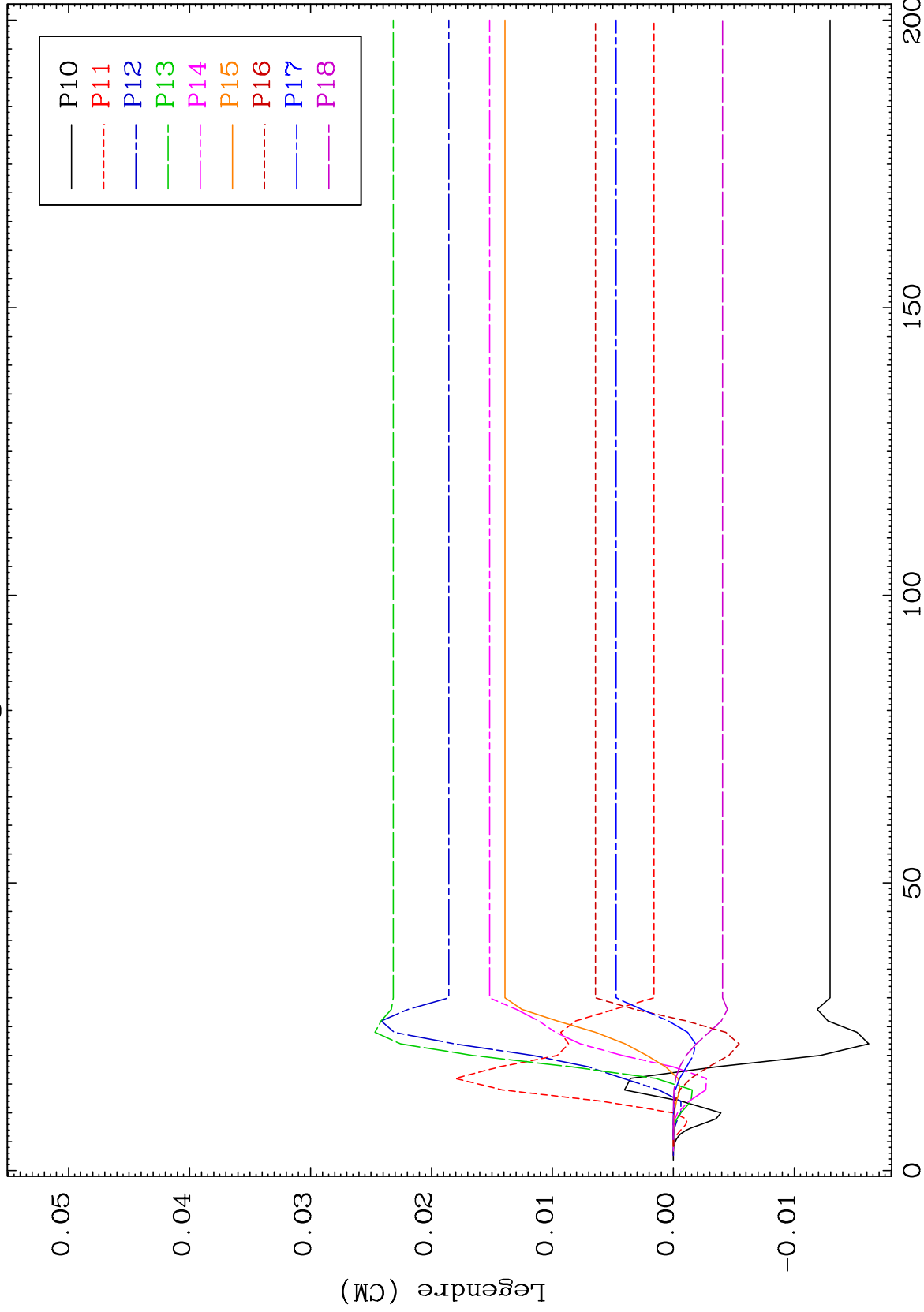
Incident Energy (MeV)

58

MAT 5867

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

58-Ce-150



59

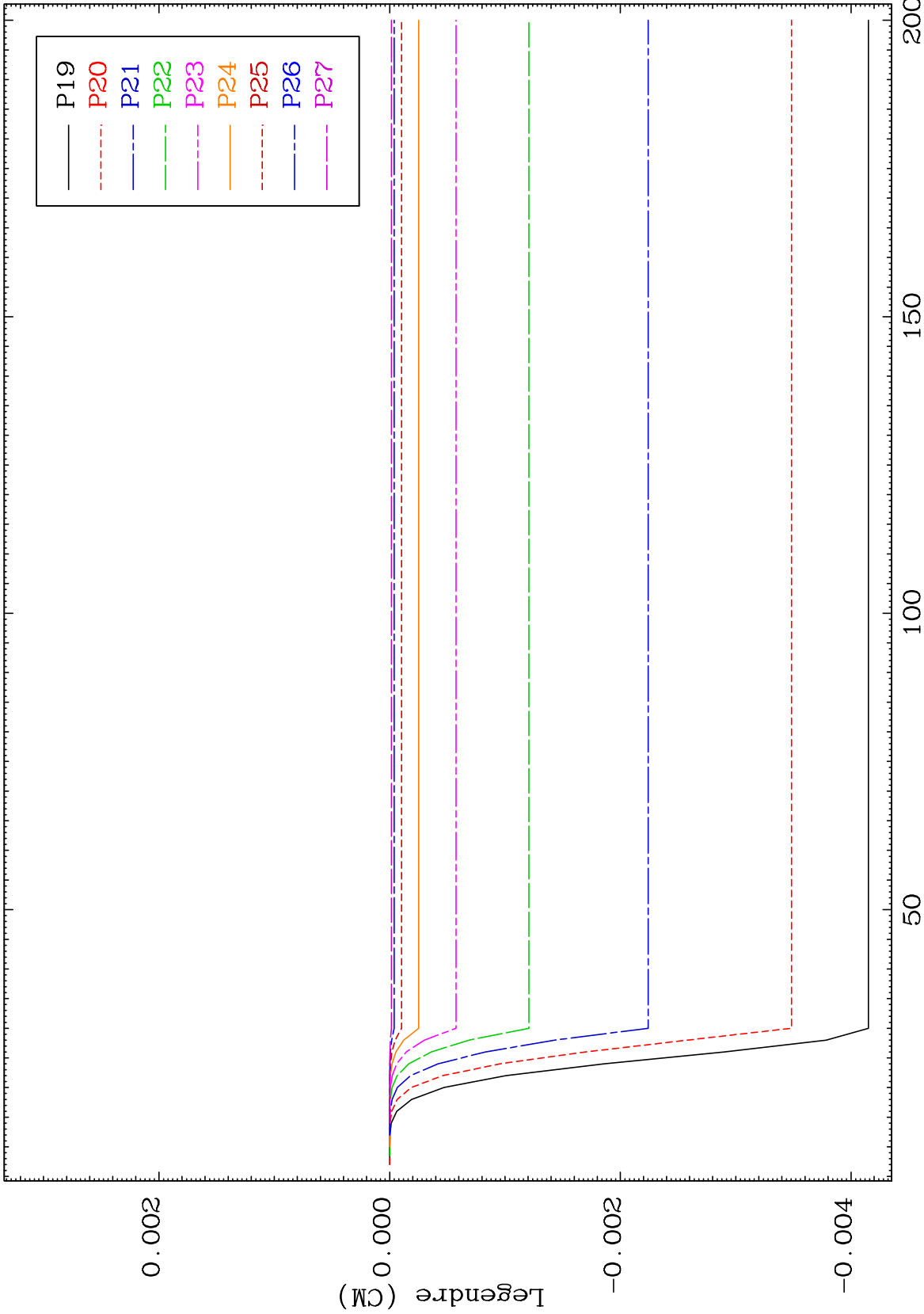
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



60

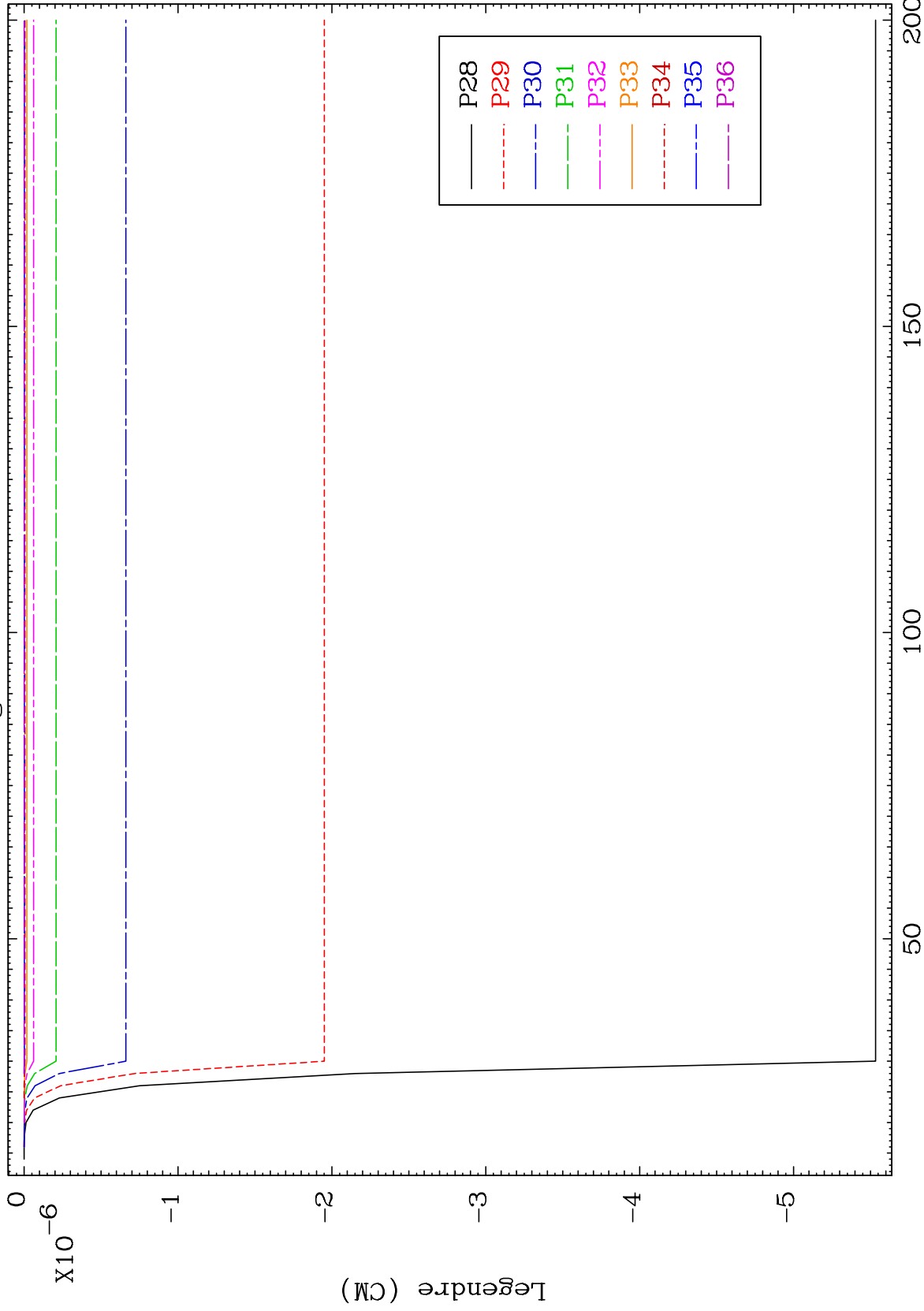
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



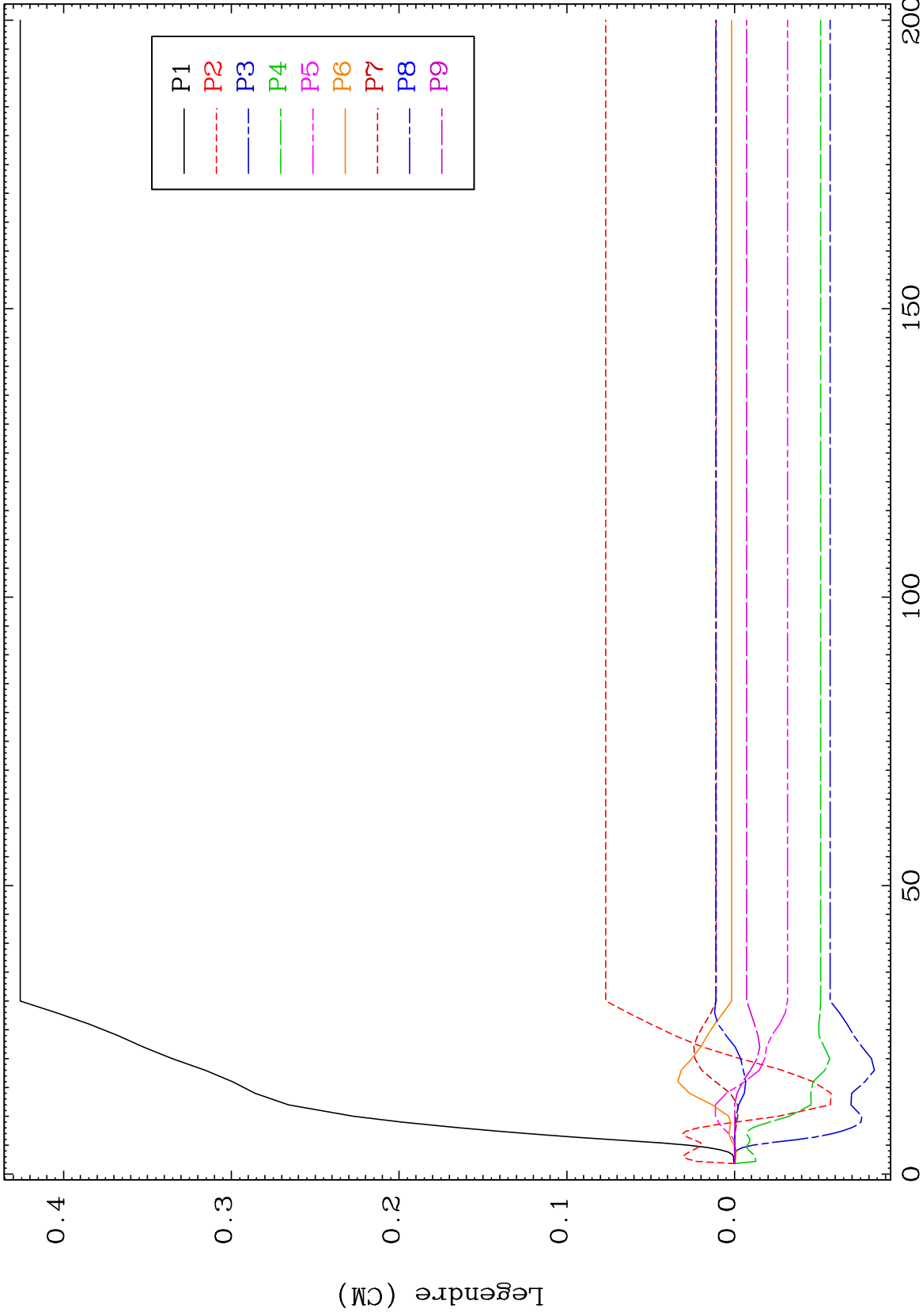
61

58-Ce-150

MAT 5867

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

58-Ce-150



62

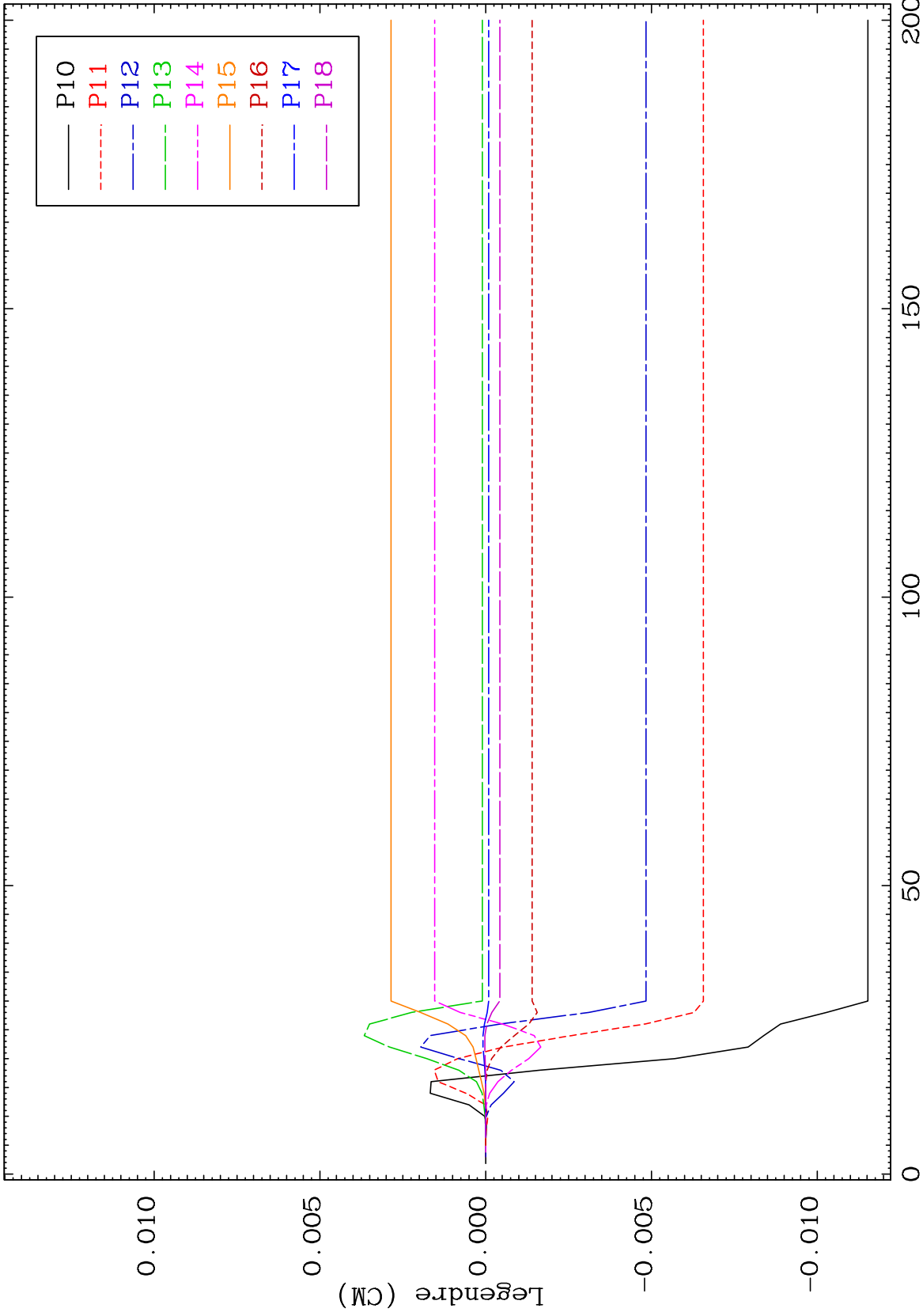
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



63

Incident Energy (MeV)

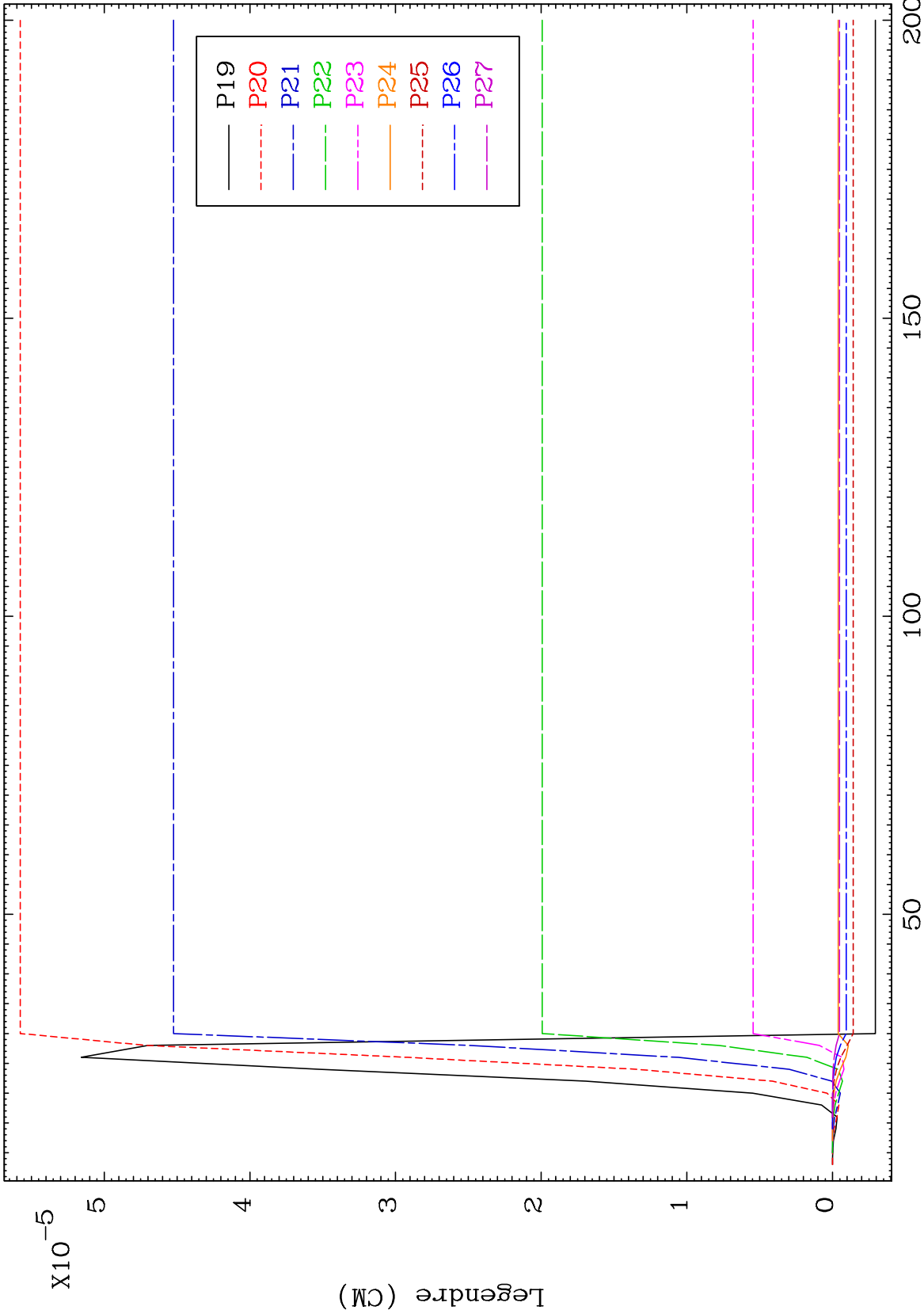
58-Ce-150



MAT 5867

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

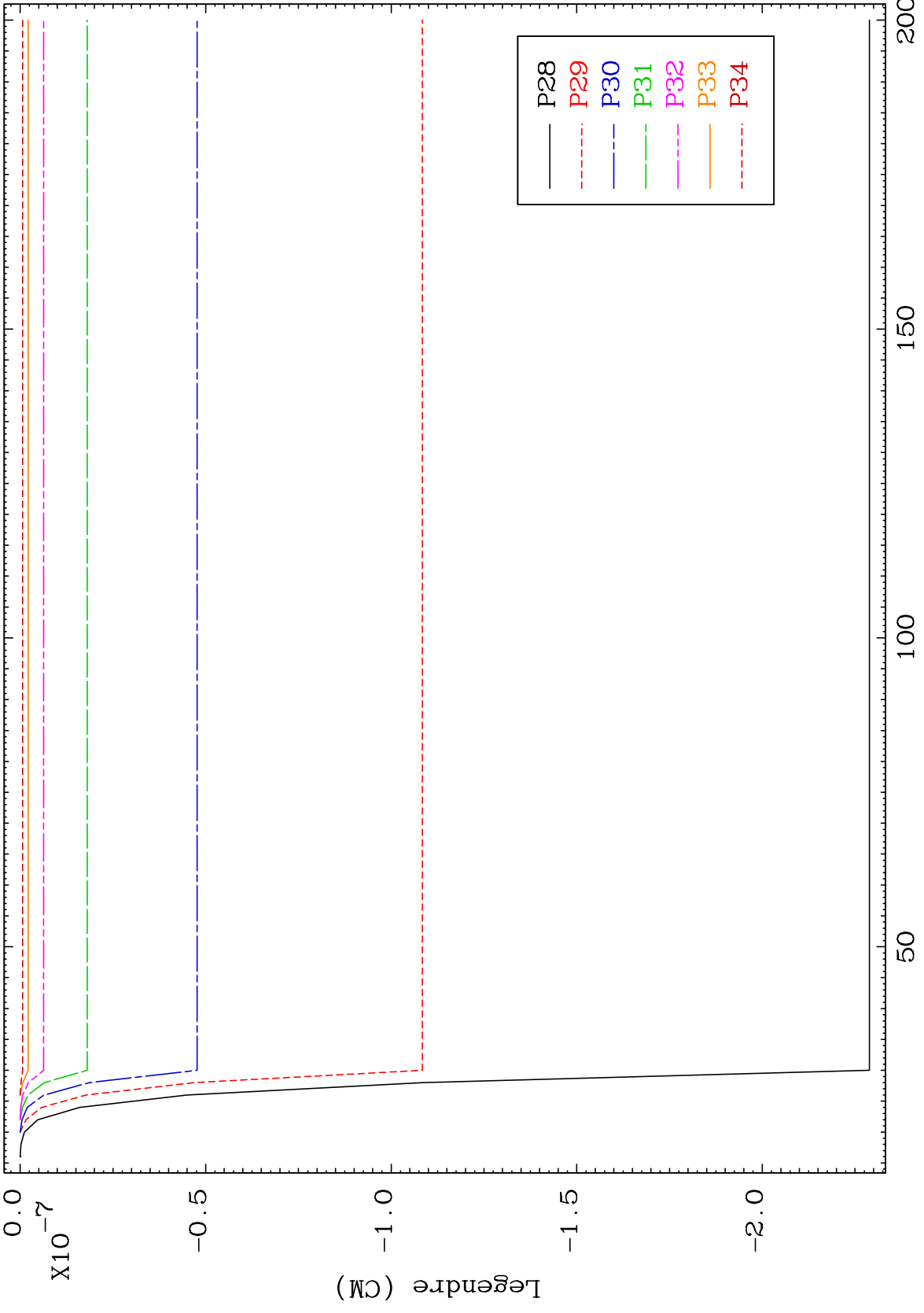
58-Ce-150



64

58-Ce-150

MAT 5867 MT= 63 (n,n') Level Legendre Coefficients 58-Ce-150

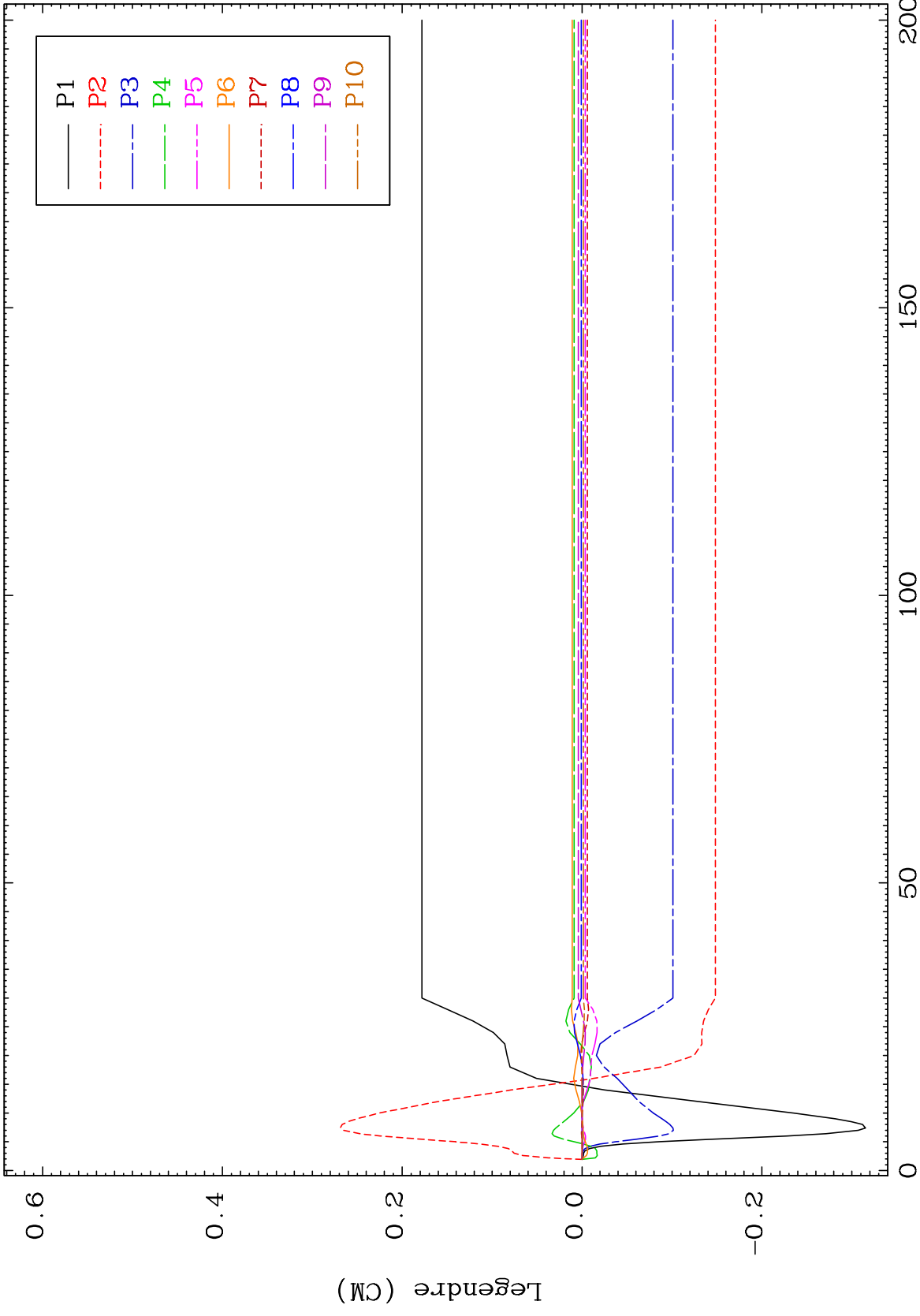


65 Incident Energy (MeV) 58-Ce-150

MAT 5867

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

58-Ce-150



66

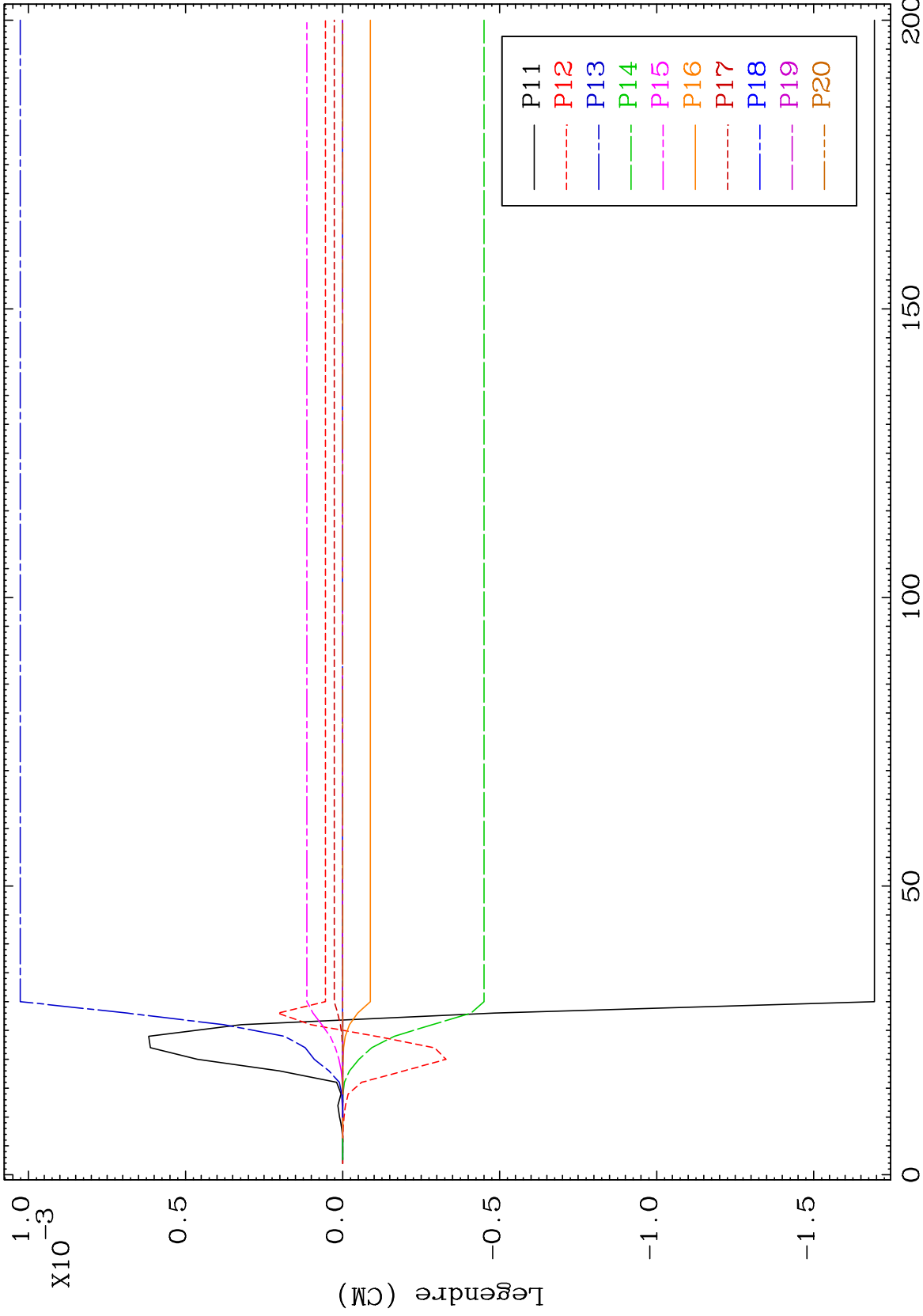
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



67

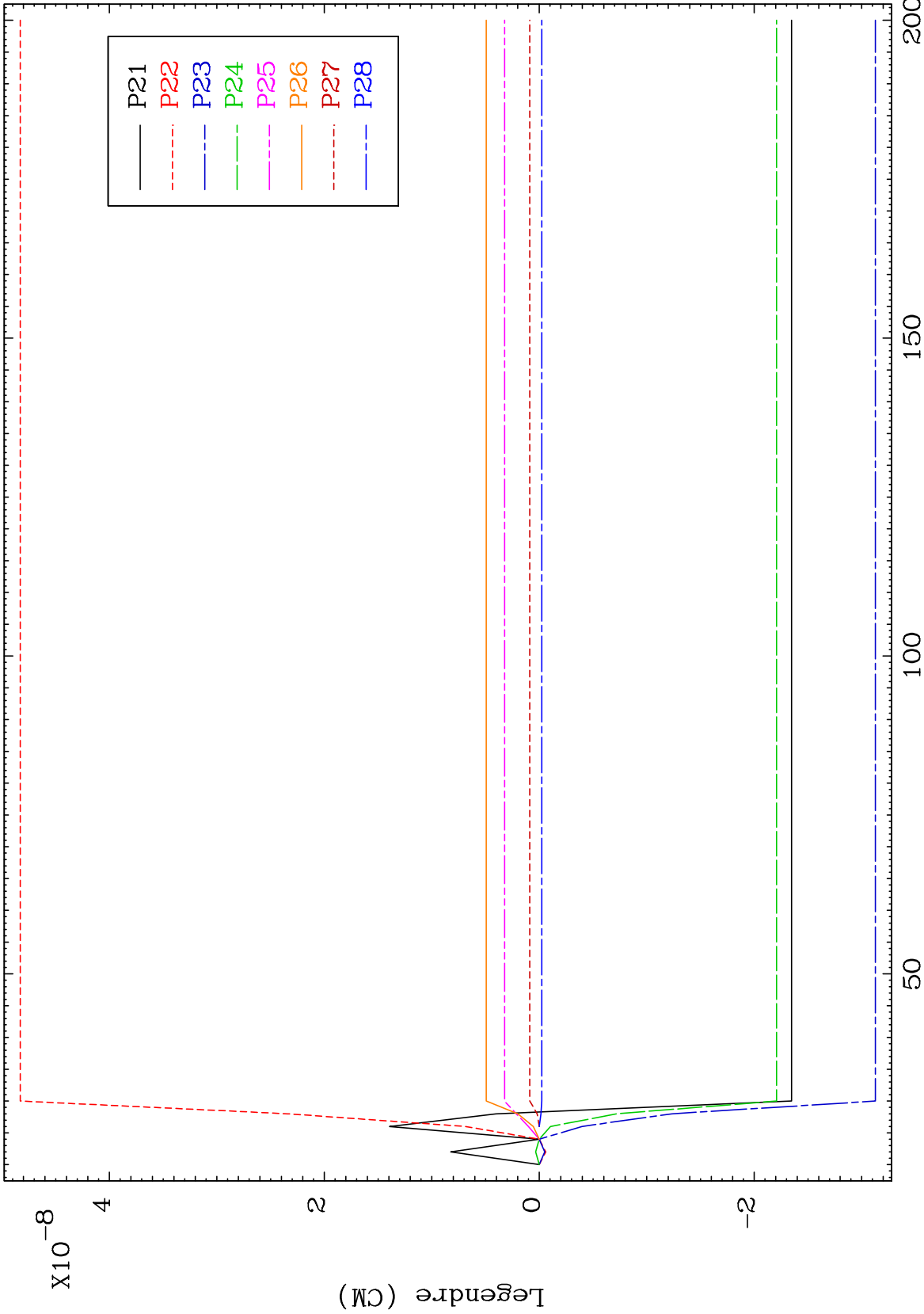
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



68

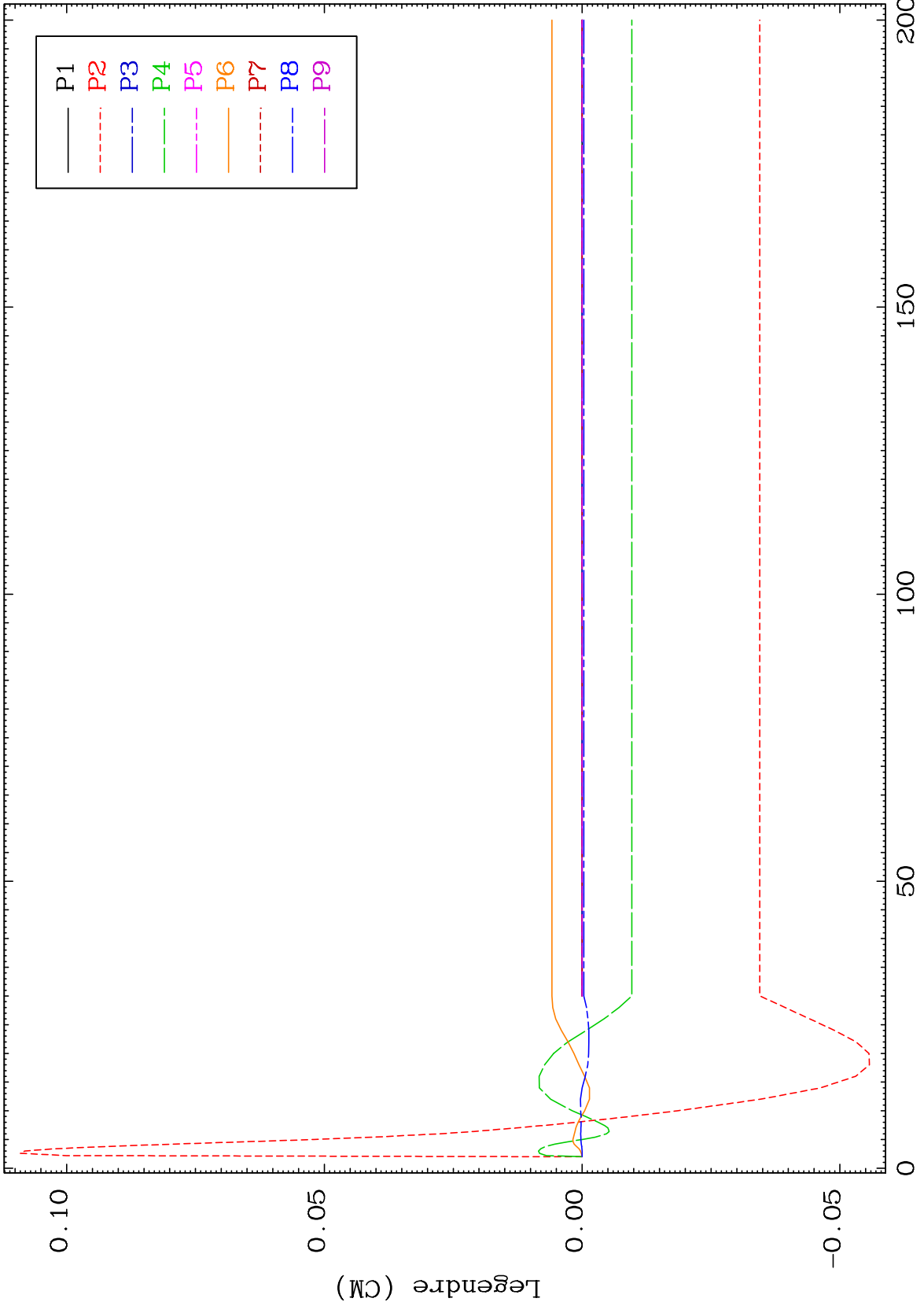
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



69

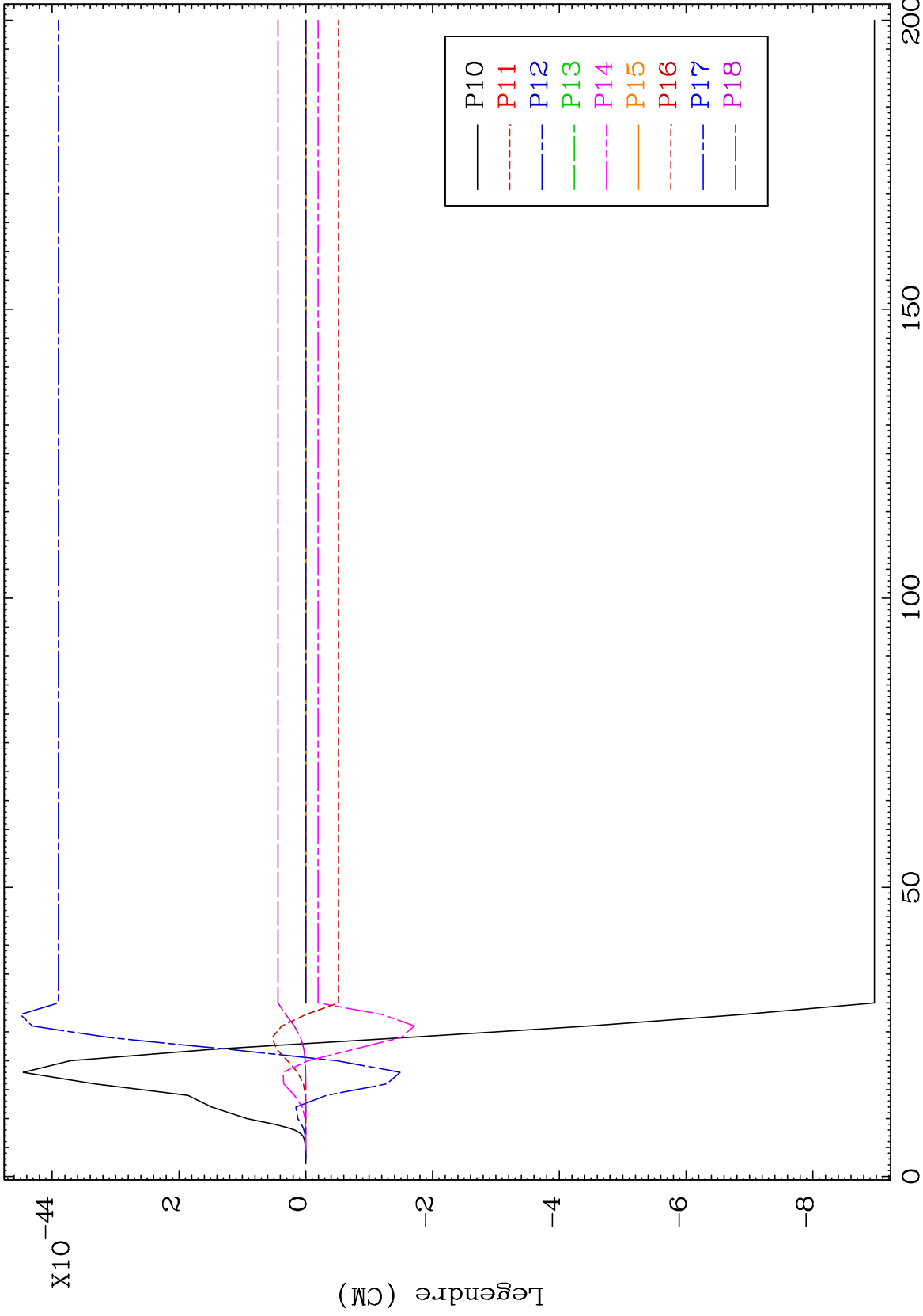
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150

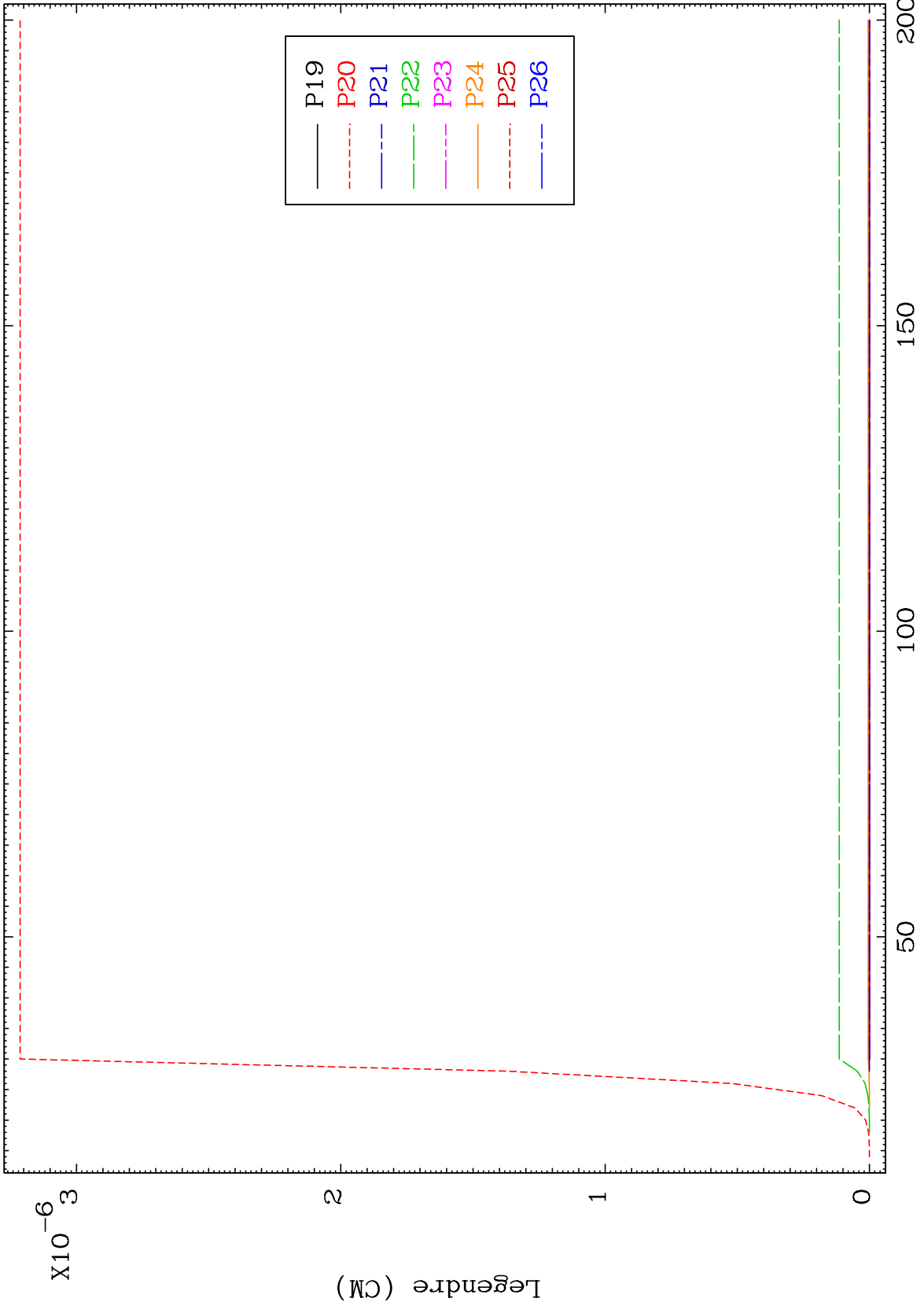


70

Incident Energy (MeV)

58-Ce-150

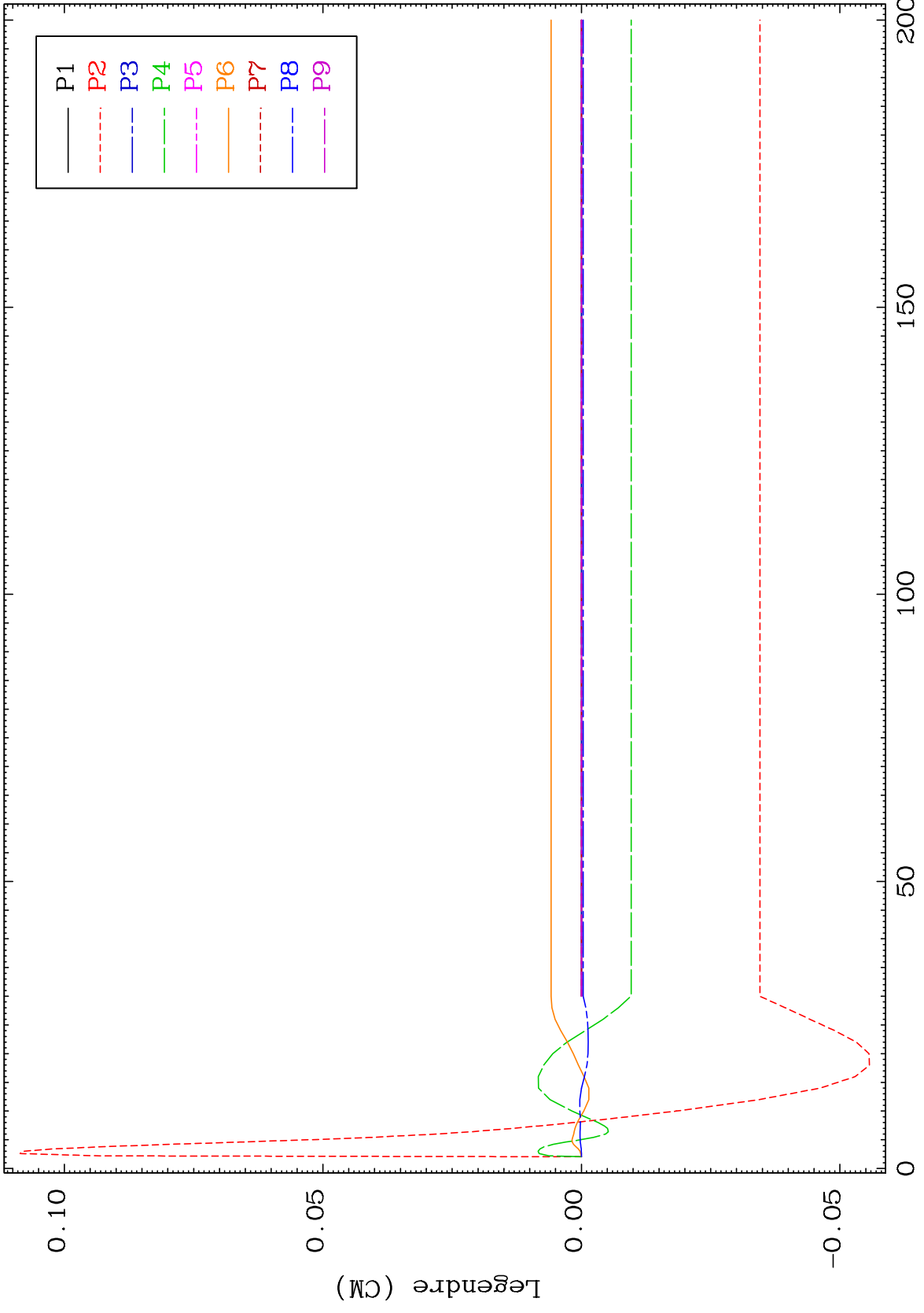
MAT 5867 MT= 65 (n,n') Level Legendre Coefficients 58-Ce-150



71 58-Ce-150



MAT 5867 MT= 66 (n,n') Level Legendre Coefficients 58-Ce-150

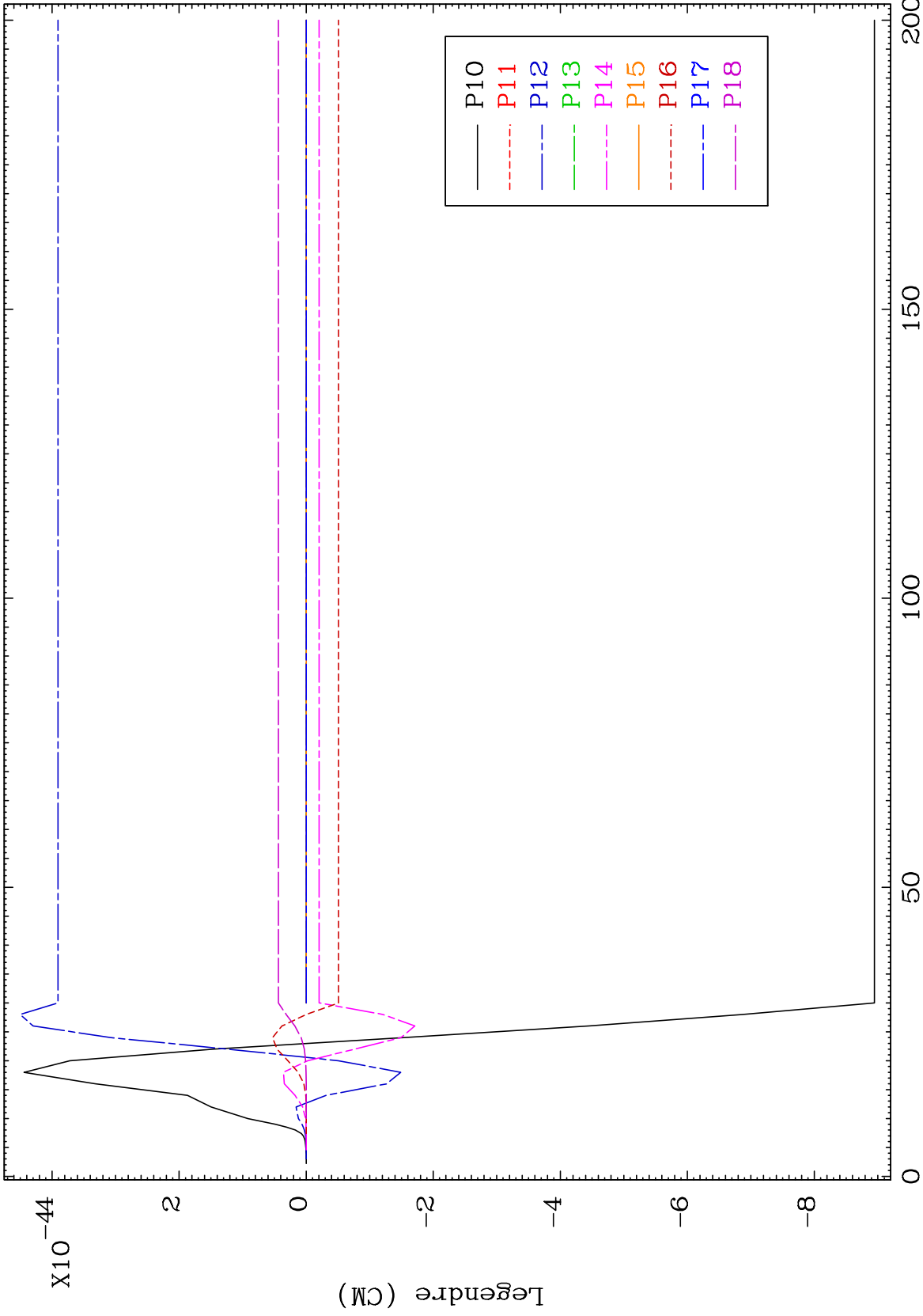


72 58-Ce-150

MAT 5867

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

58-Ce-150

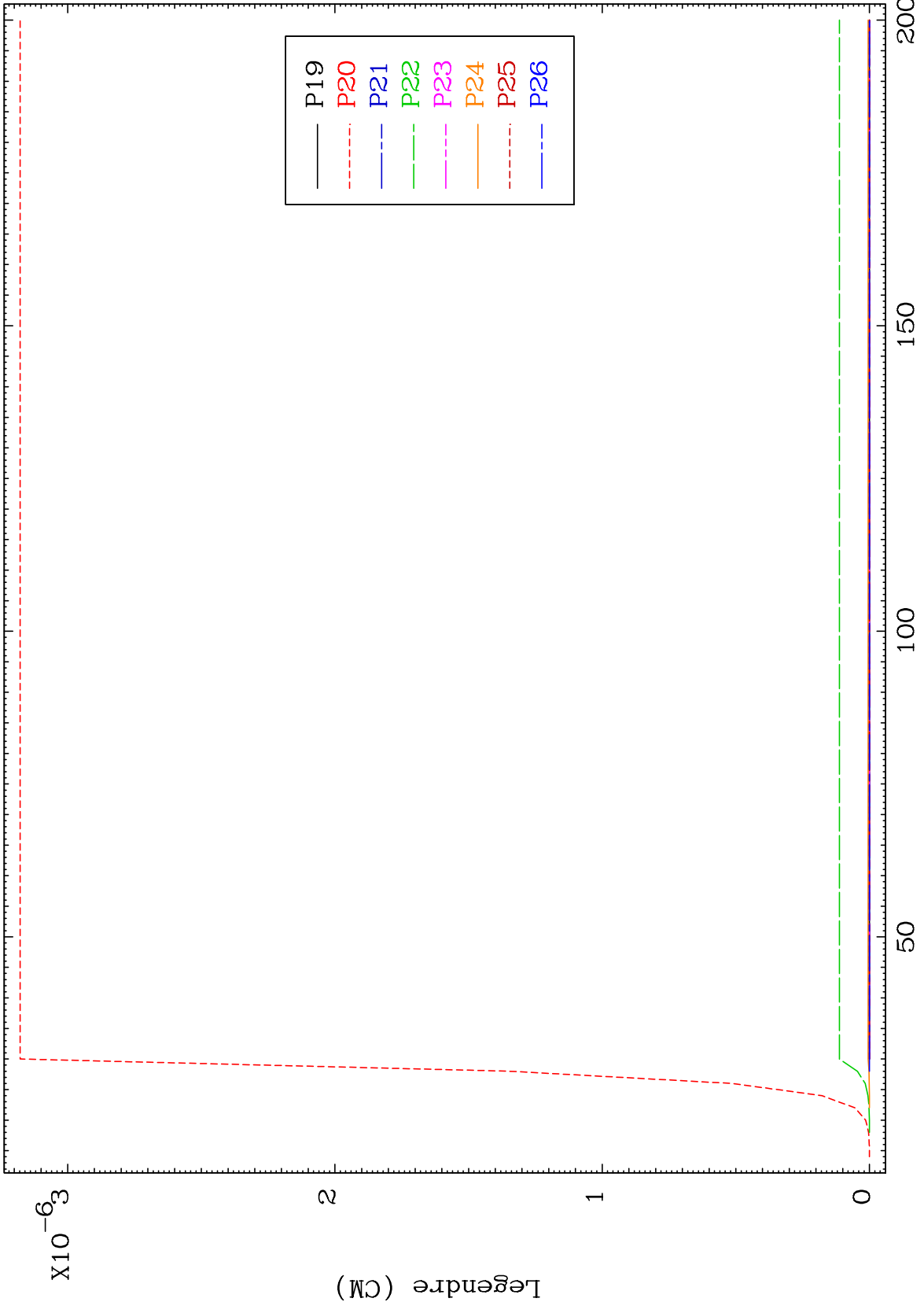


73

Incident Energy (MeV)

58-Ce-150

MAT 5867 MT= 66 (n,n') Level Legendre Coefficients 58-Ce-150

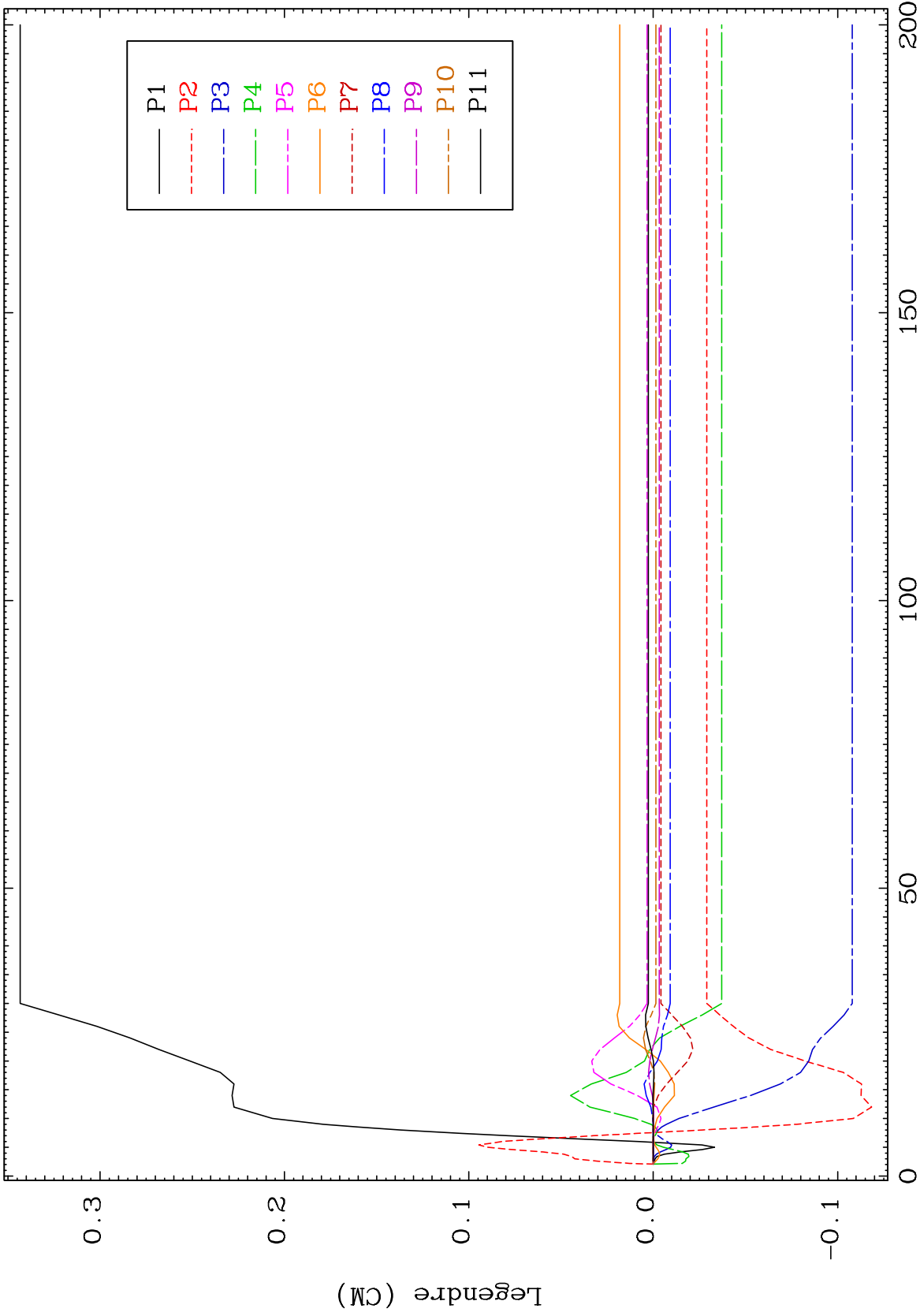


74 58-Ce-150

MAT 5867

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

58-Ce-150



75

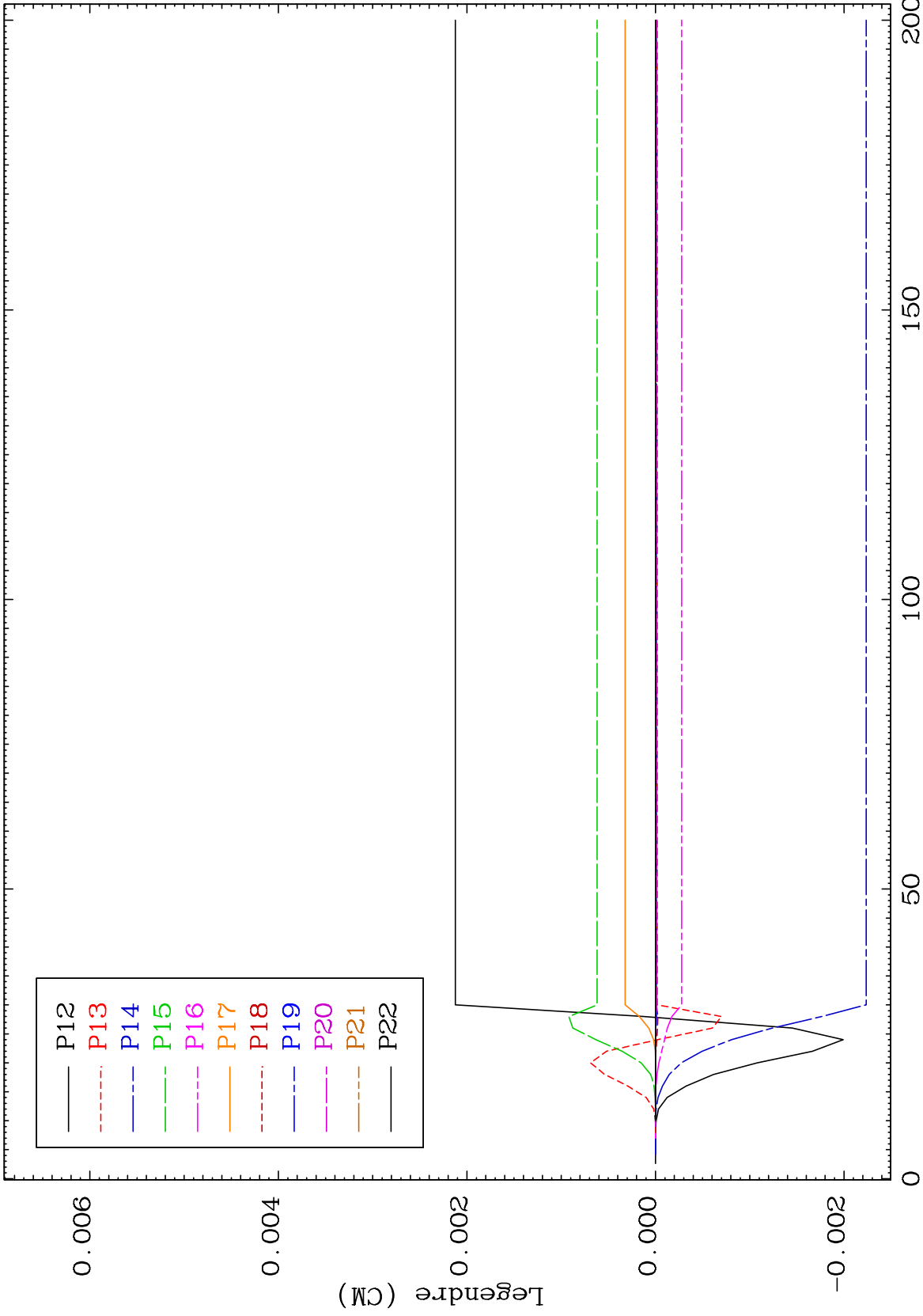
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



76

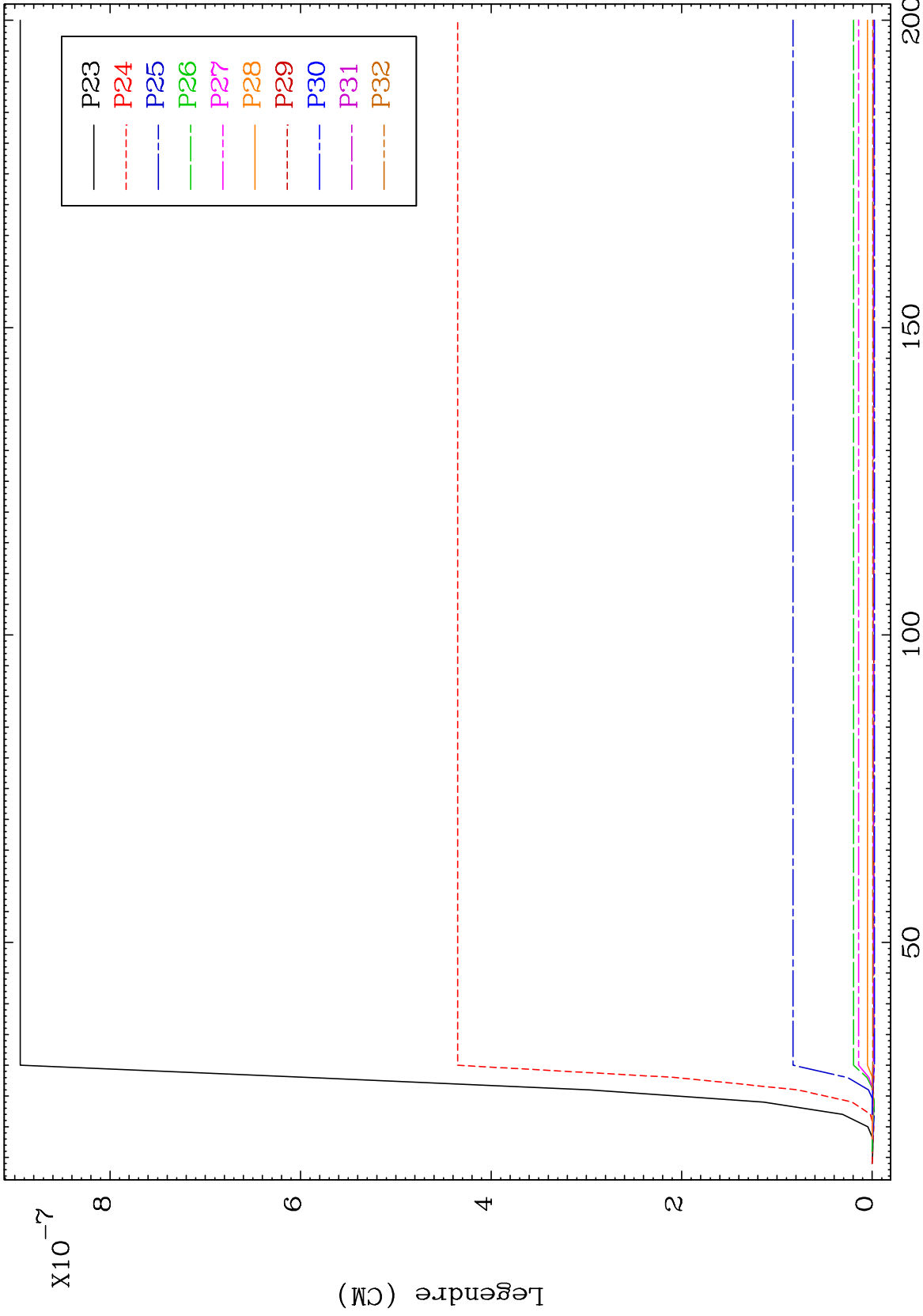
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



77

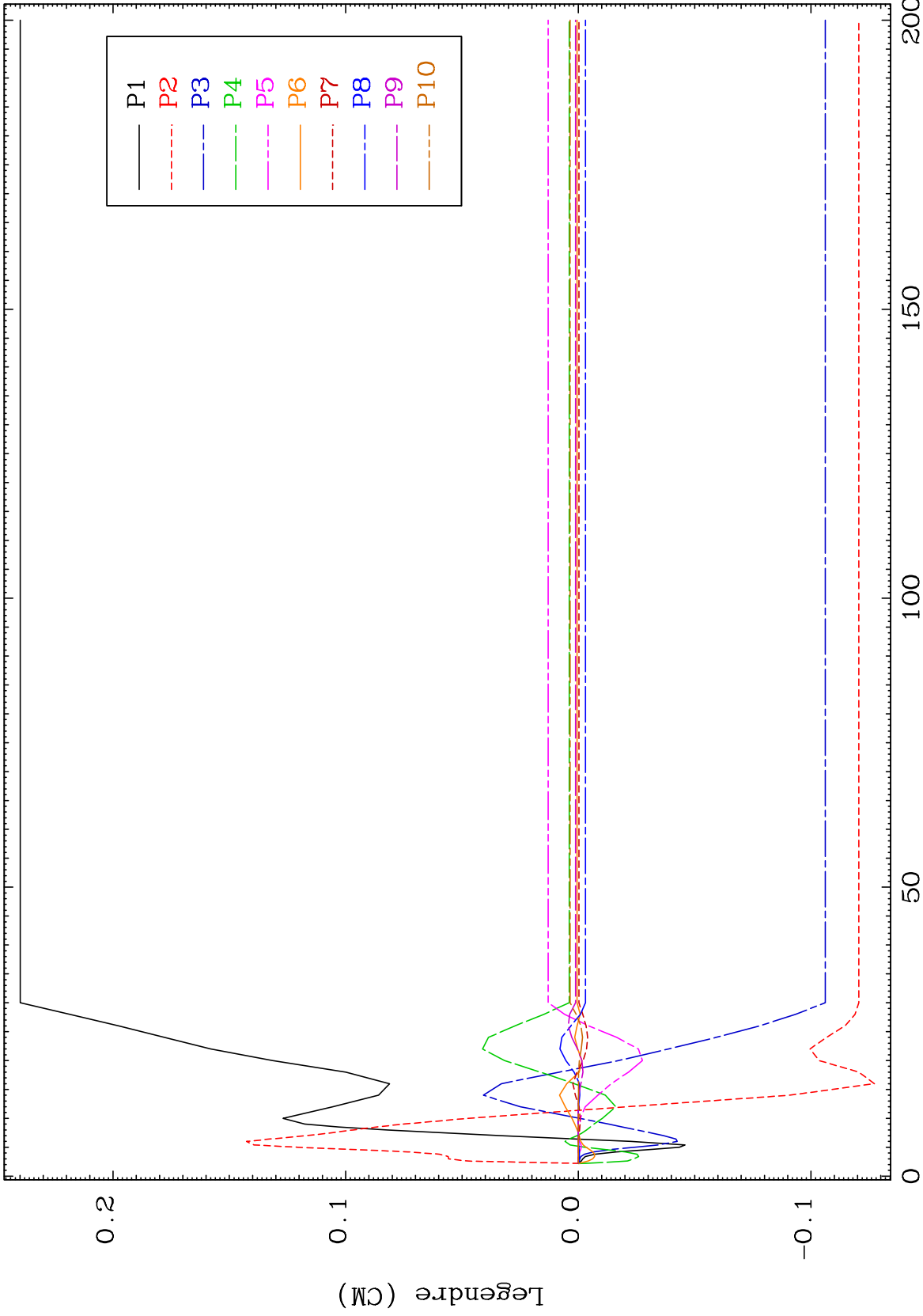
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



78

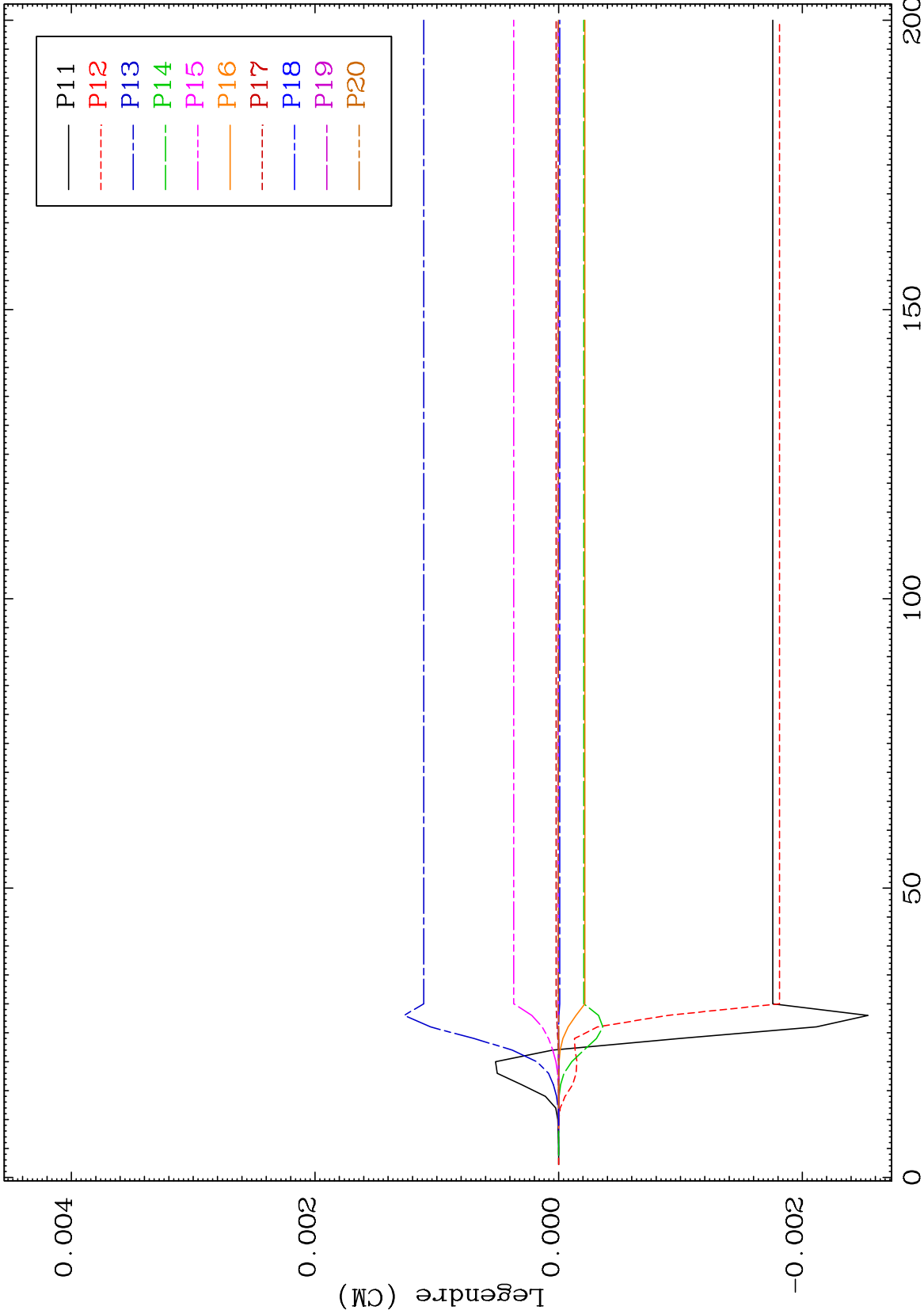
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



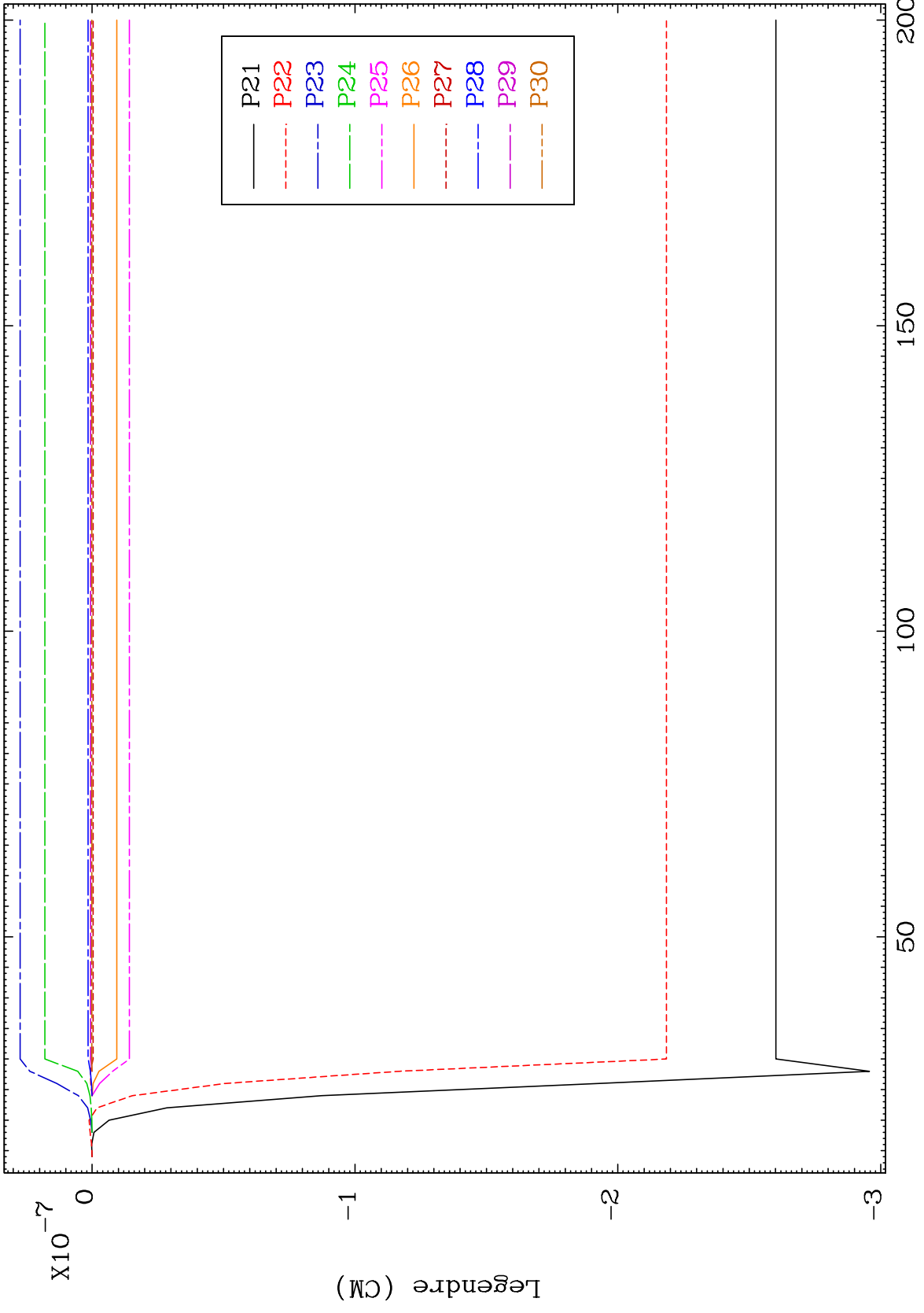
79

Incident Energy (MeV)

58-Ce-150



MAT 5867 MT= 68 (n,n') Level Legendre Coefficients 58-Ce-150

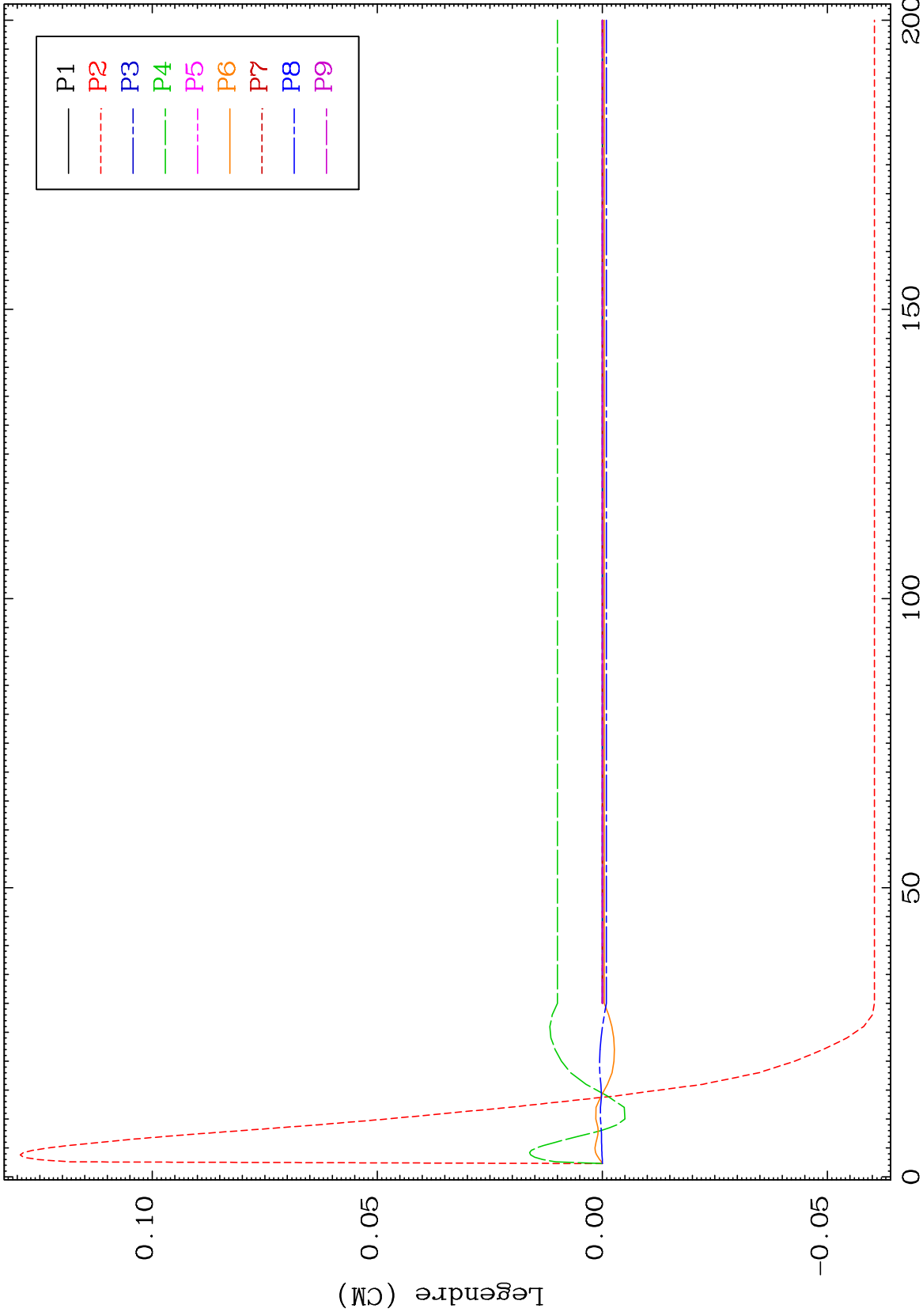


80 50 100 150 200 58-Ce-150

MAT 5867

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

58-Ce-150



81

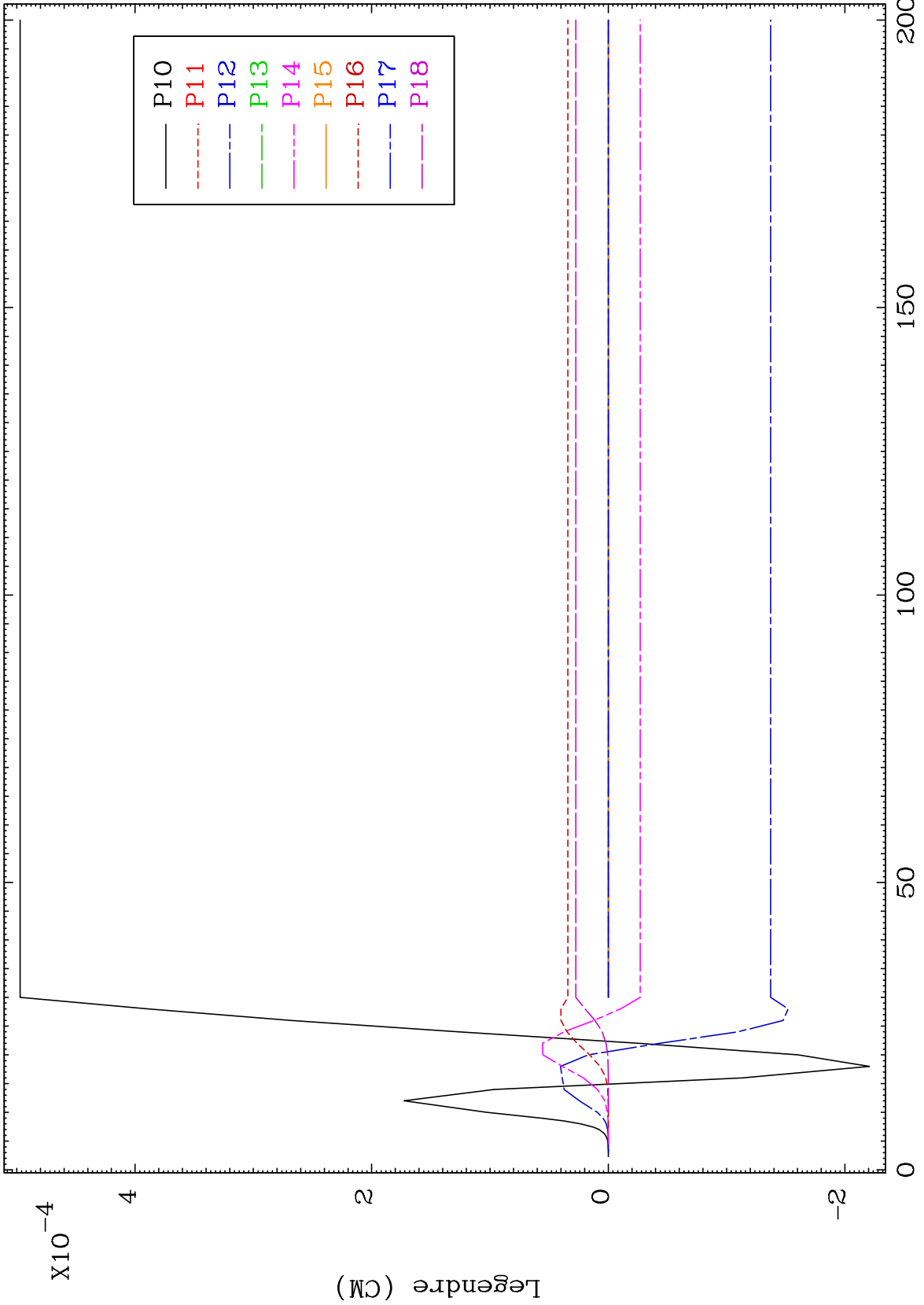
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



82

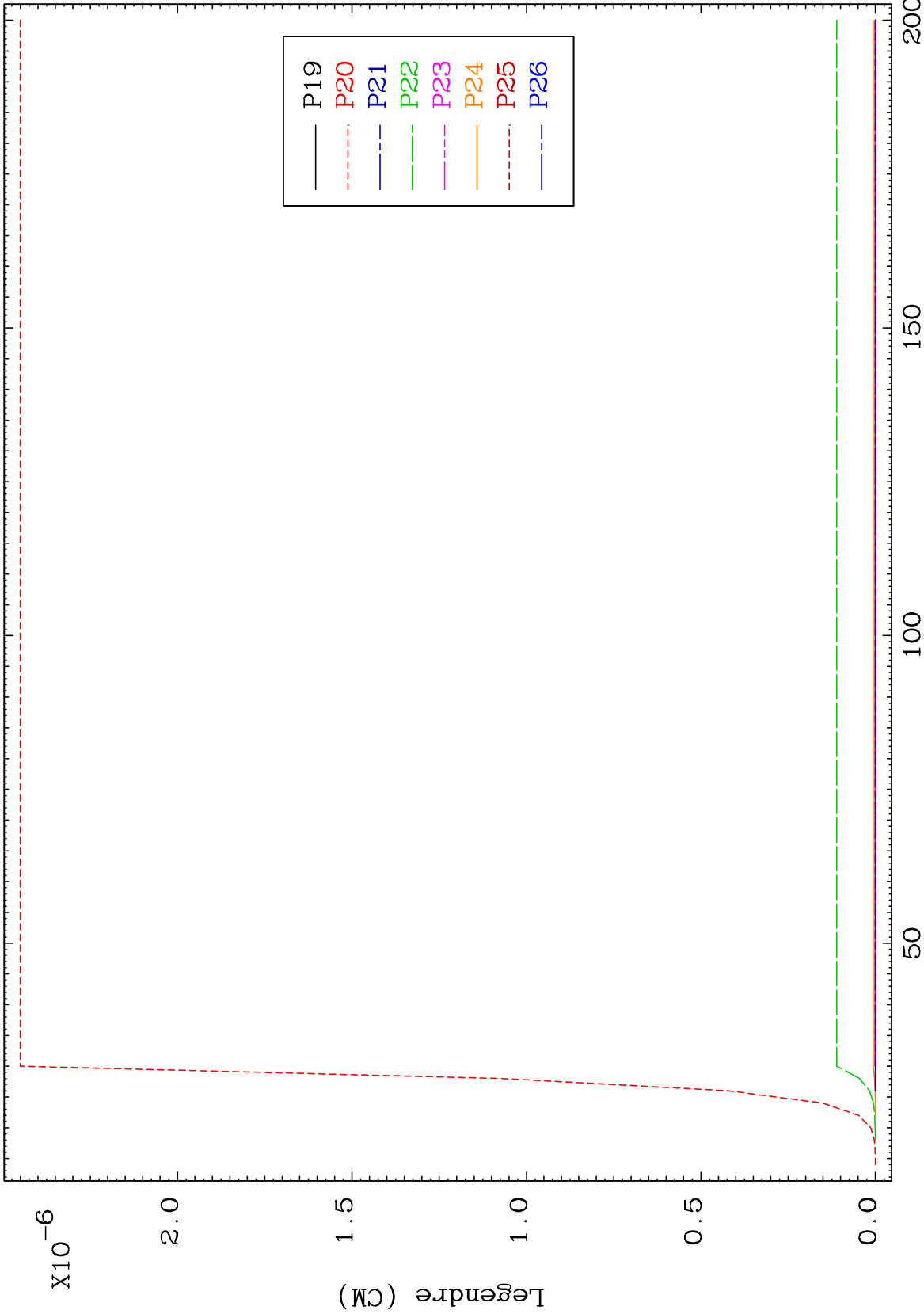
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



83

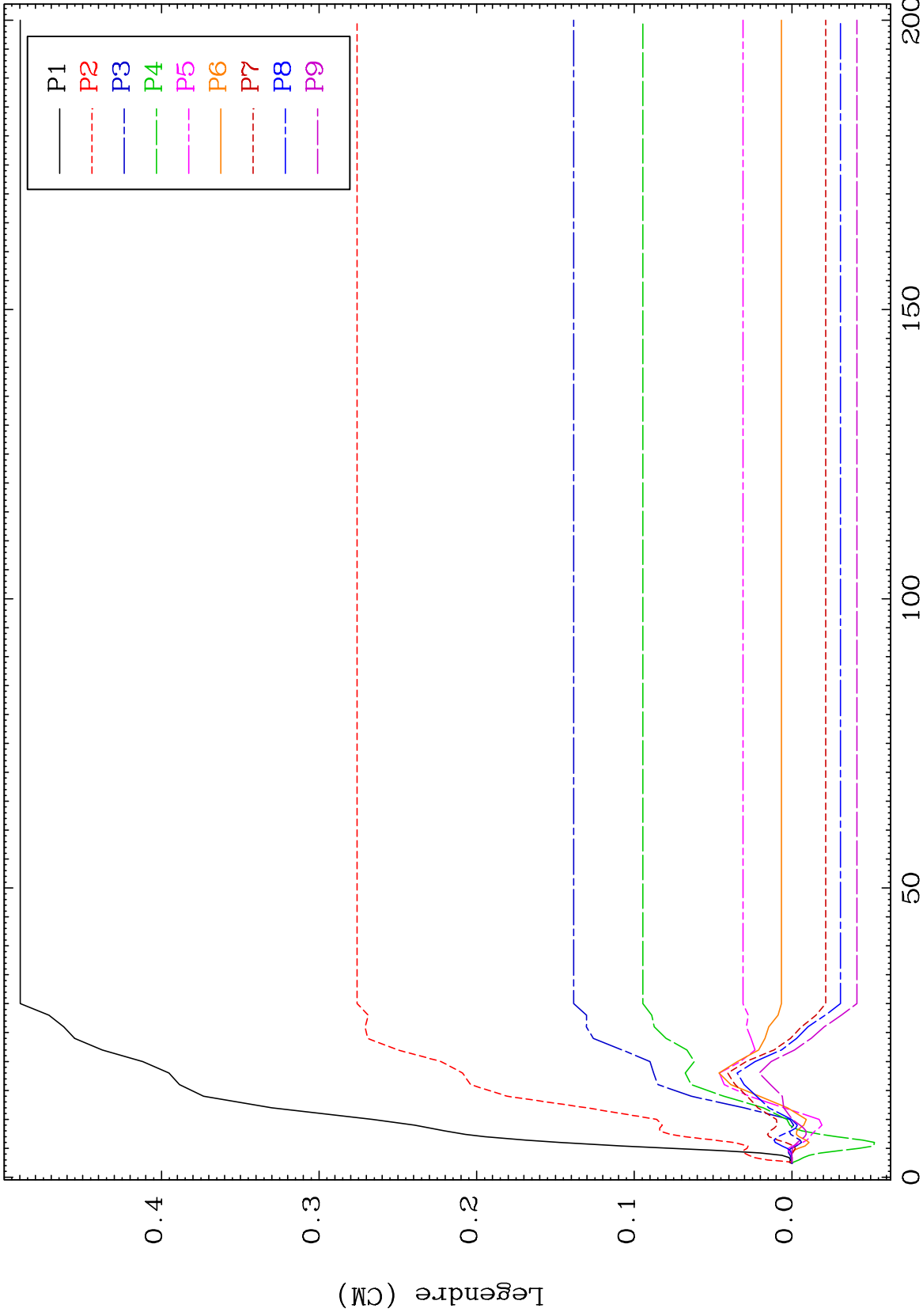
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



84

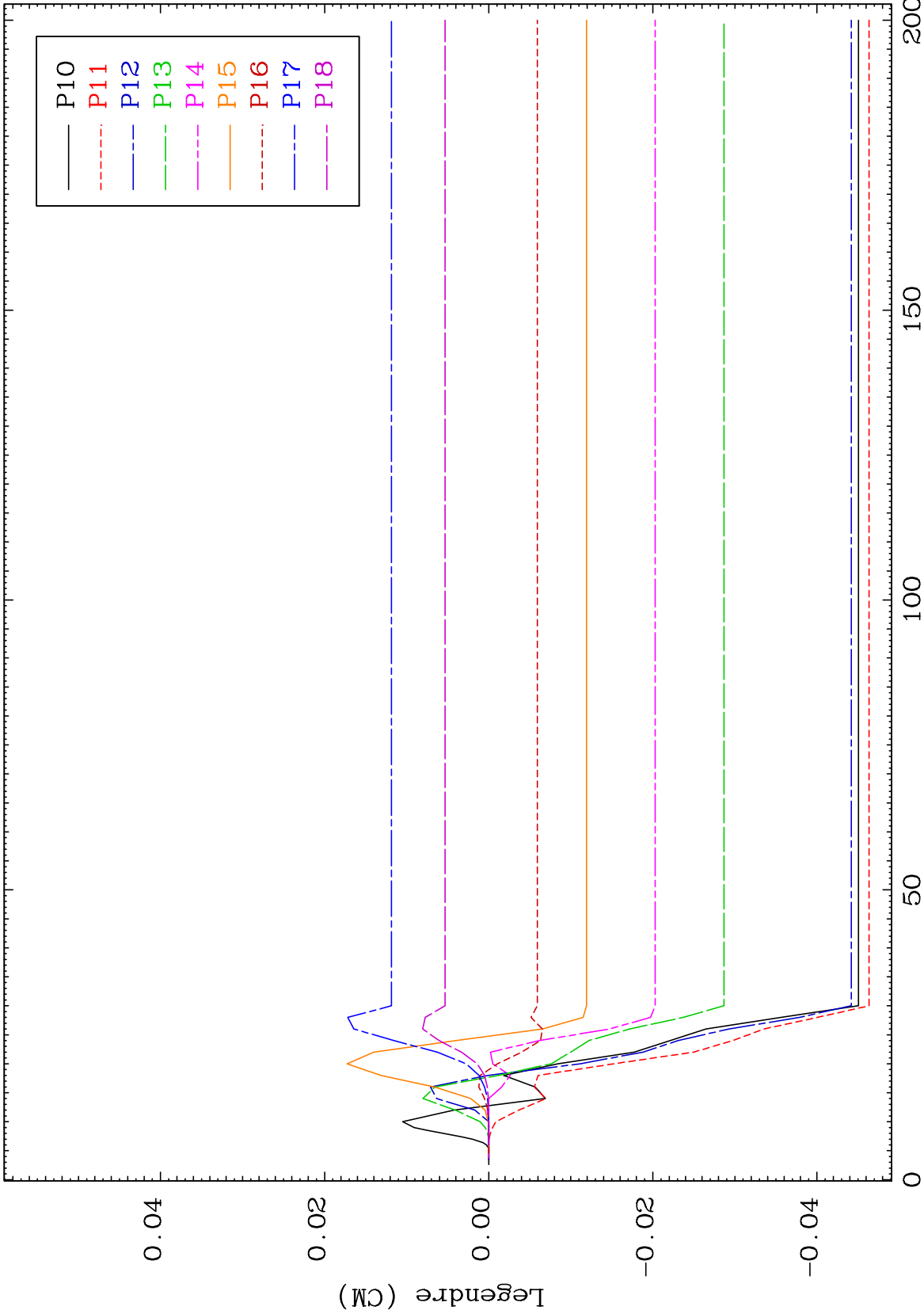
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



85

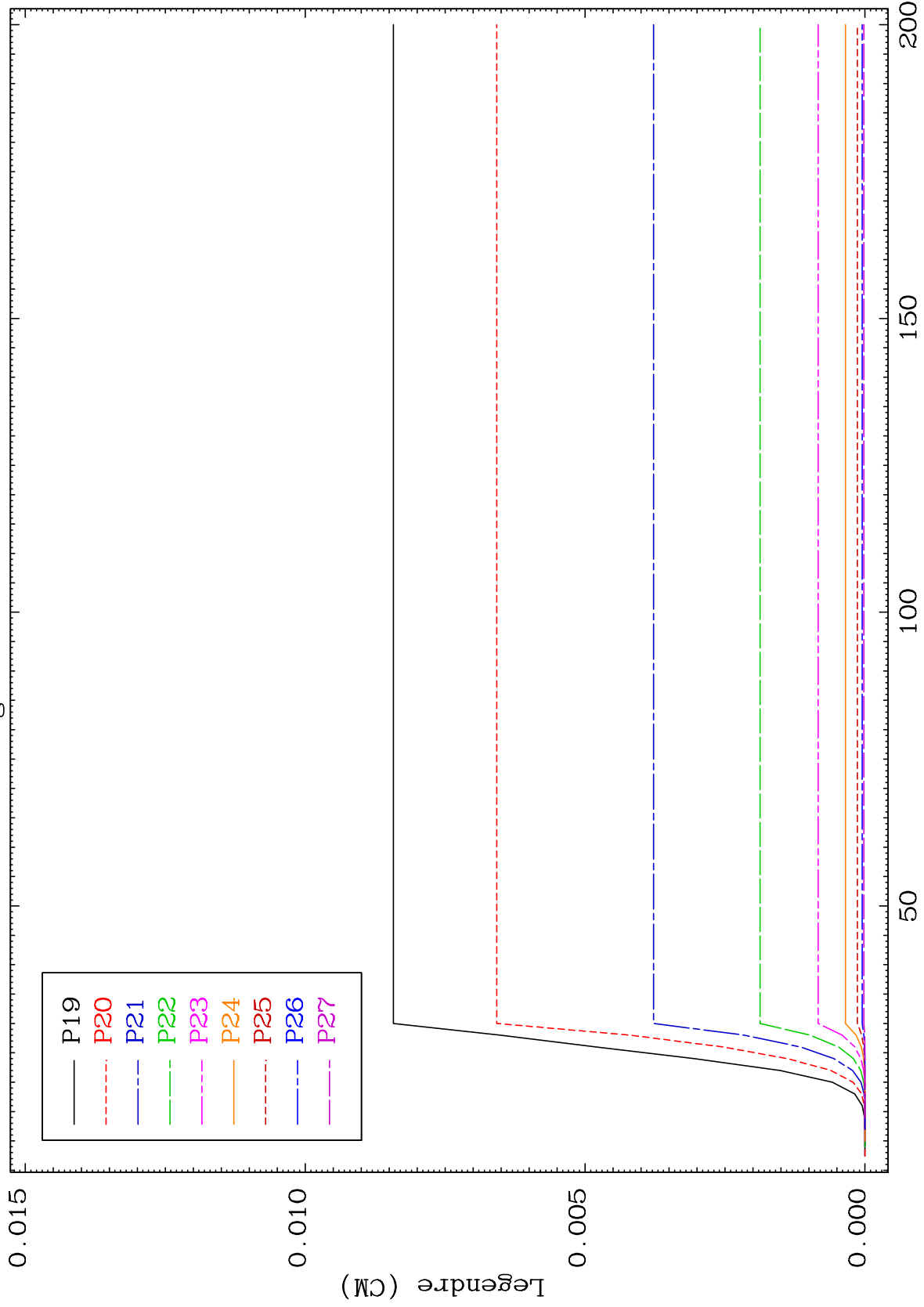
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



86

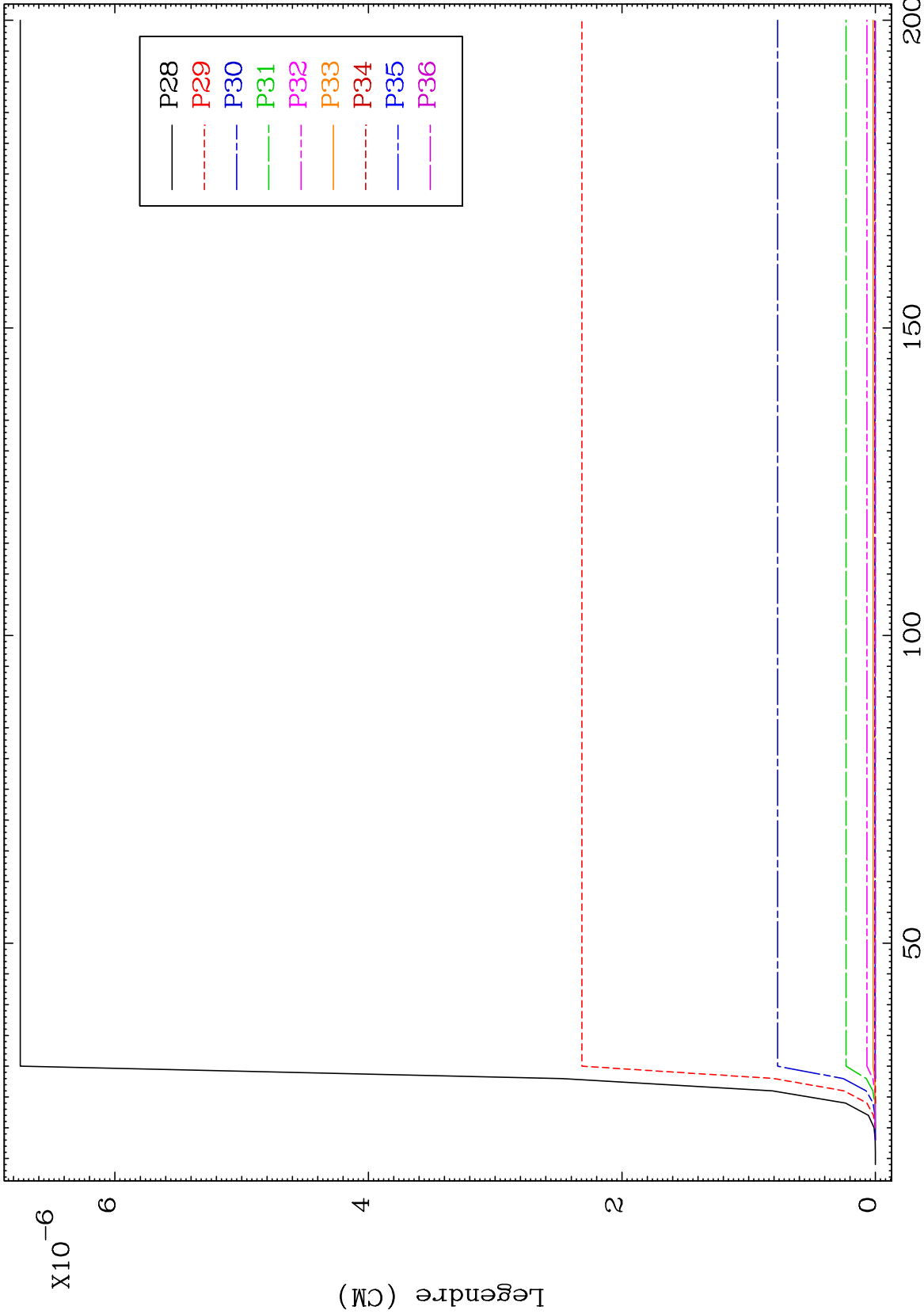
Incident Energy (MeV)

58-Ce-150

MAT 5867

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

58-Ce-150



87

Incident Energy (MeV)

58-Ce-150