

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

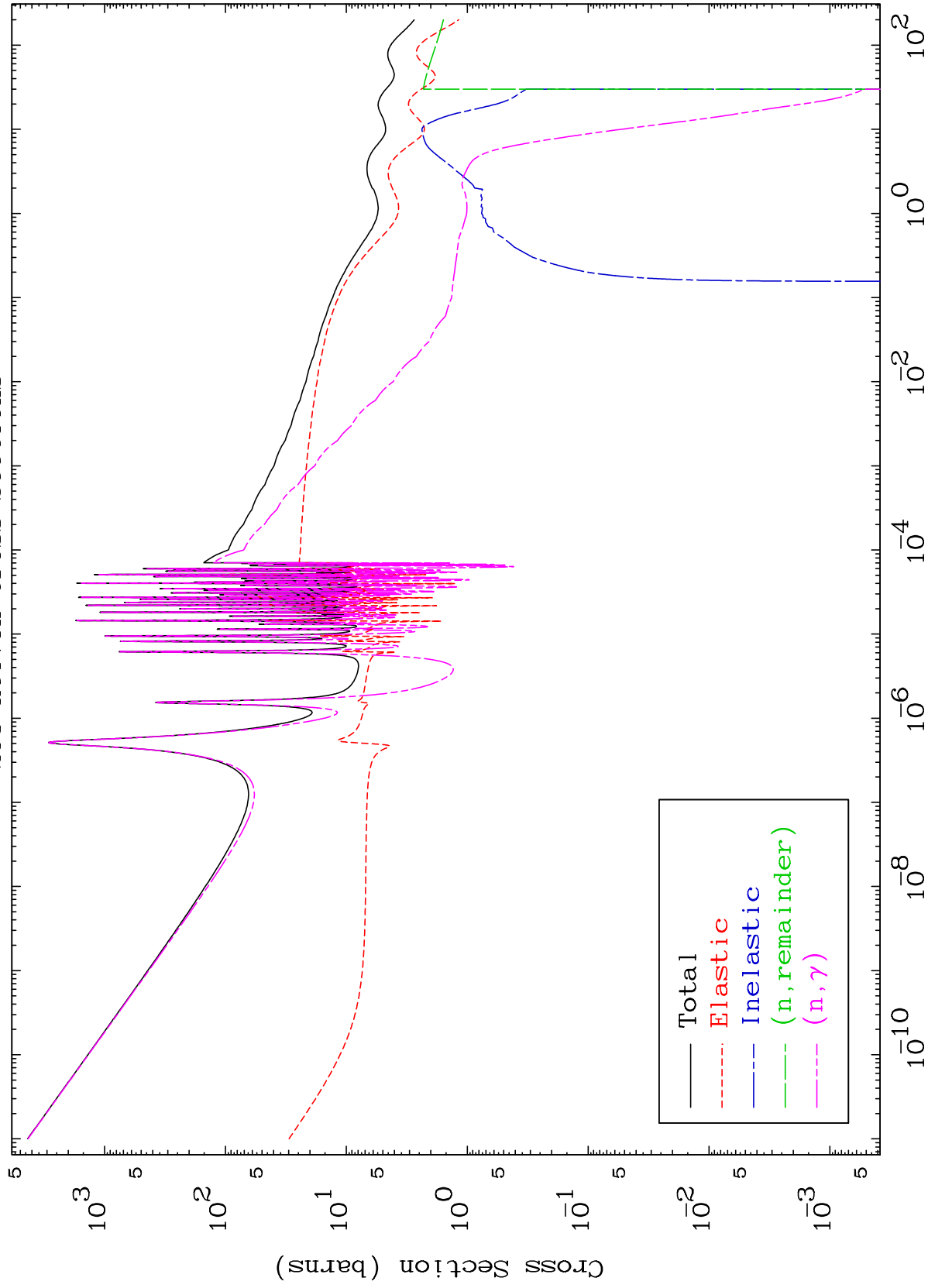
Press Mouse Button to Start

MAT 7801

Major

293 Kelvin Cross Sections

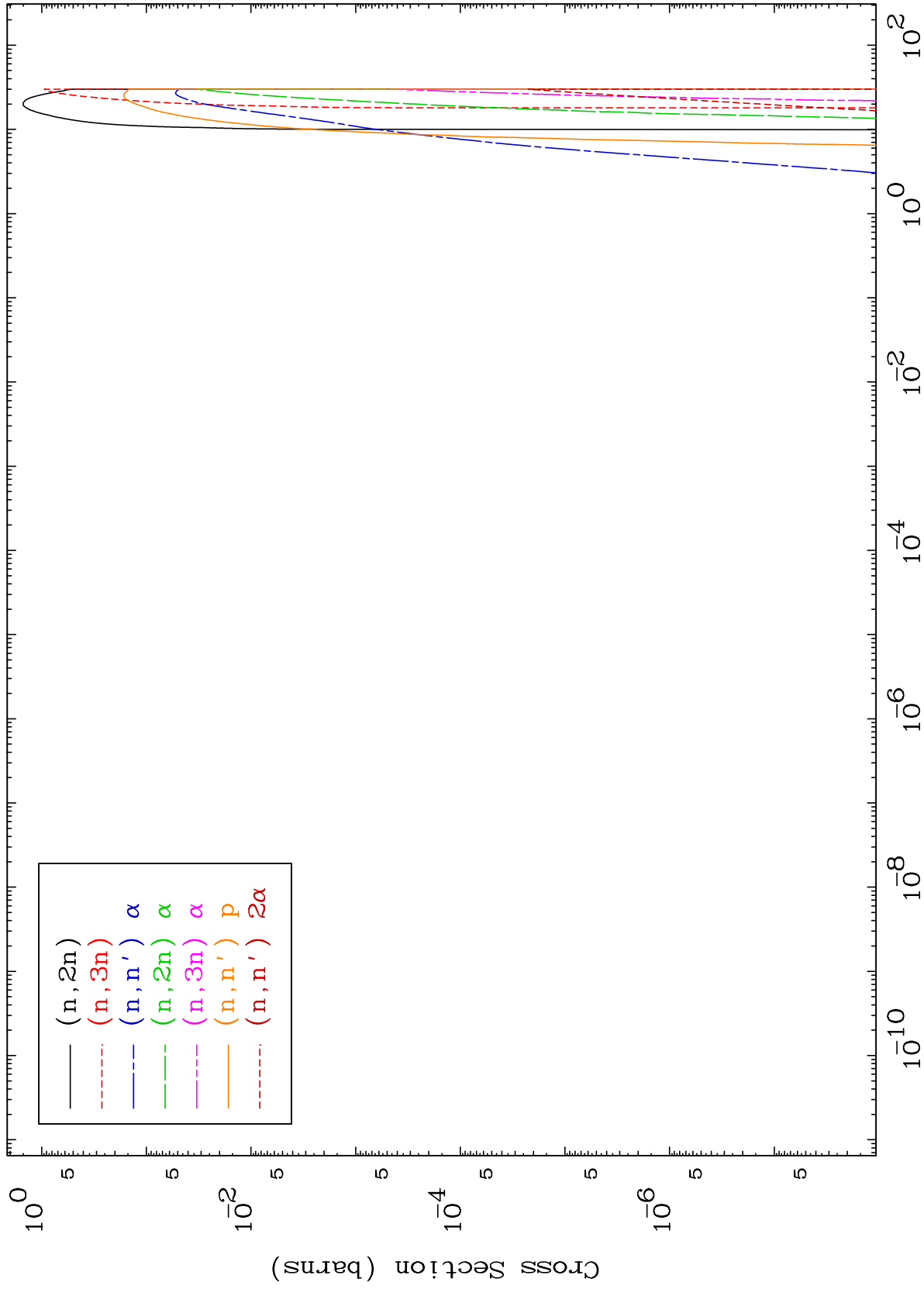
78-Pt-182



MAT 7801

Neutron Production  
293 Kelvin Cross Sections

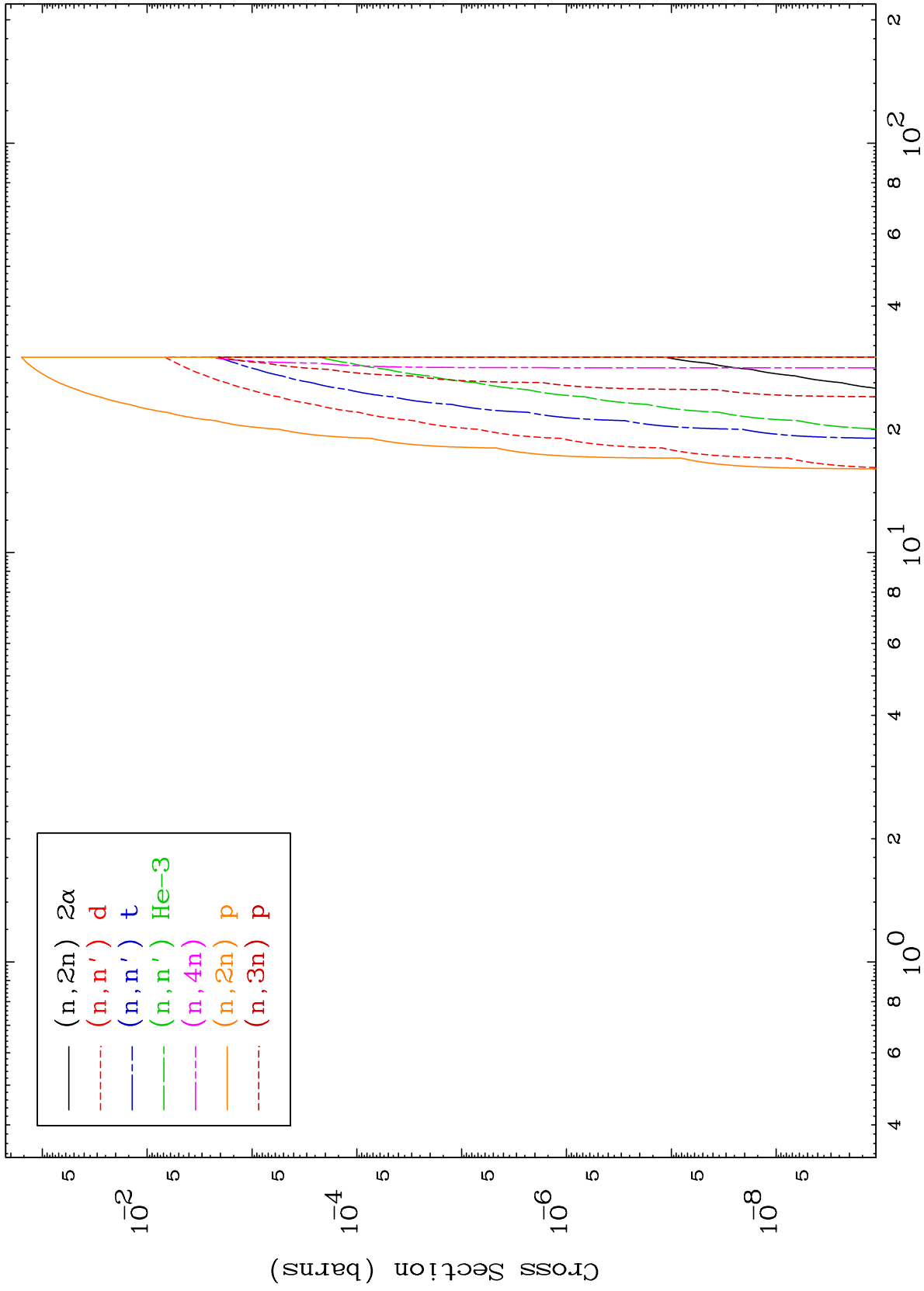
78-Pt-182



MAT 7801

Neutron Production  
293 Kelvin Cross Sections

78-Pt-182



3

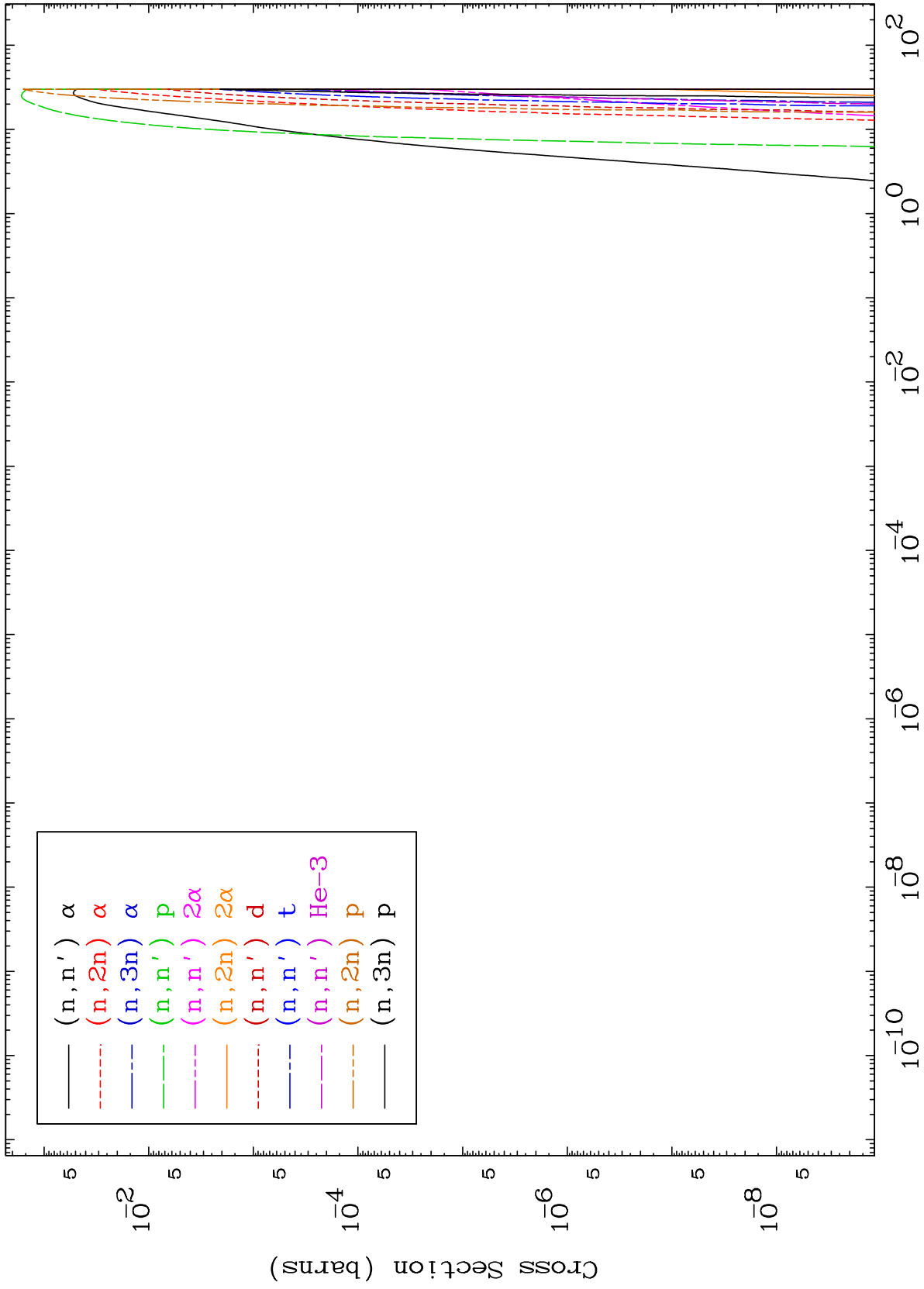
Incident Energy (MeV)

78-Pt-182

MAT 7801

Charged Particle  
293 Kelvin Cross Sections

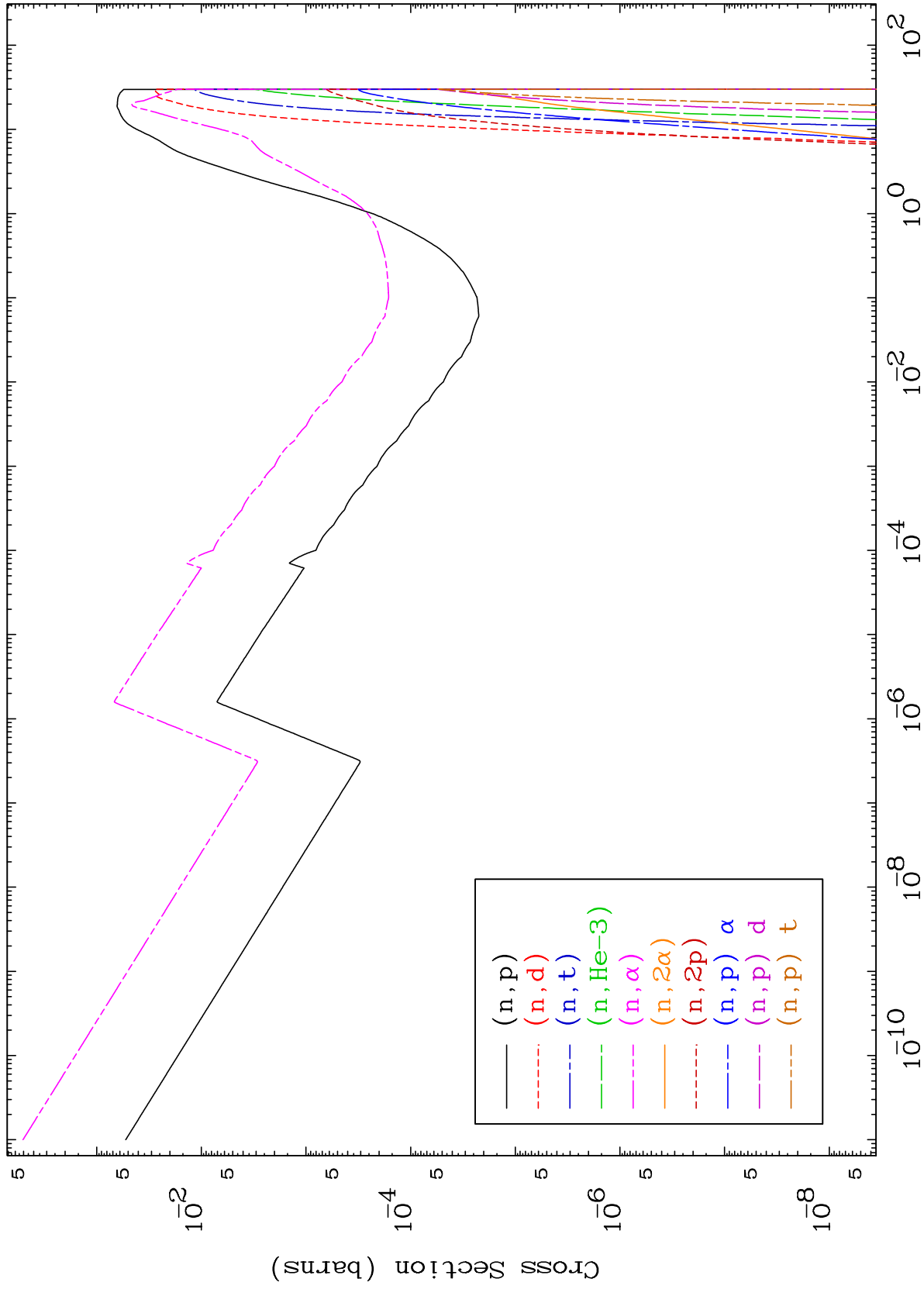
78-Pt-182



MAT 7801

293 Kelvin Cross Sections

78-Pt-182



5

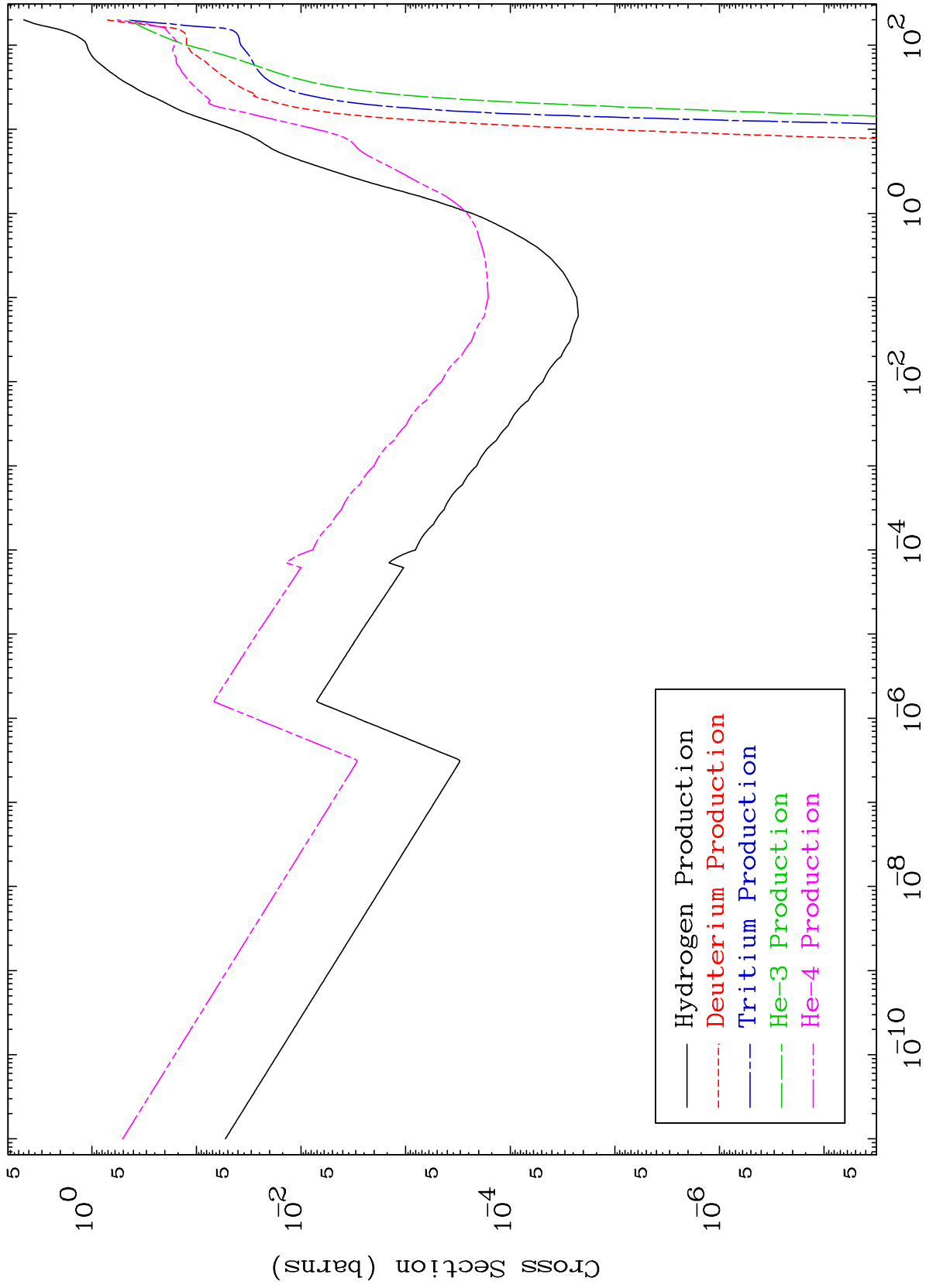
Incident Energy (MeV)

78-Pt-182

MAT 7801

Particle Production  
293 Kelvin Cross Sections

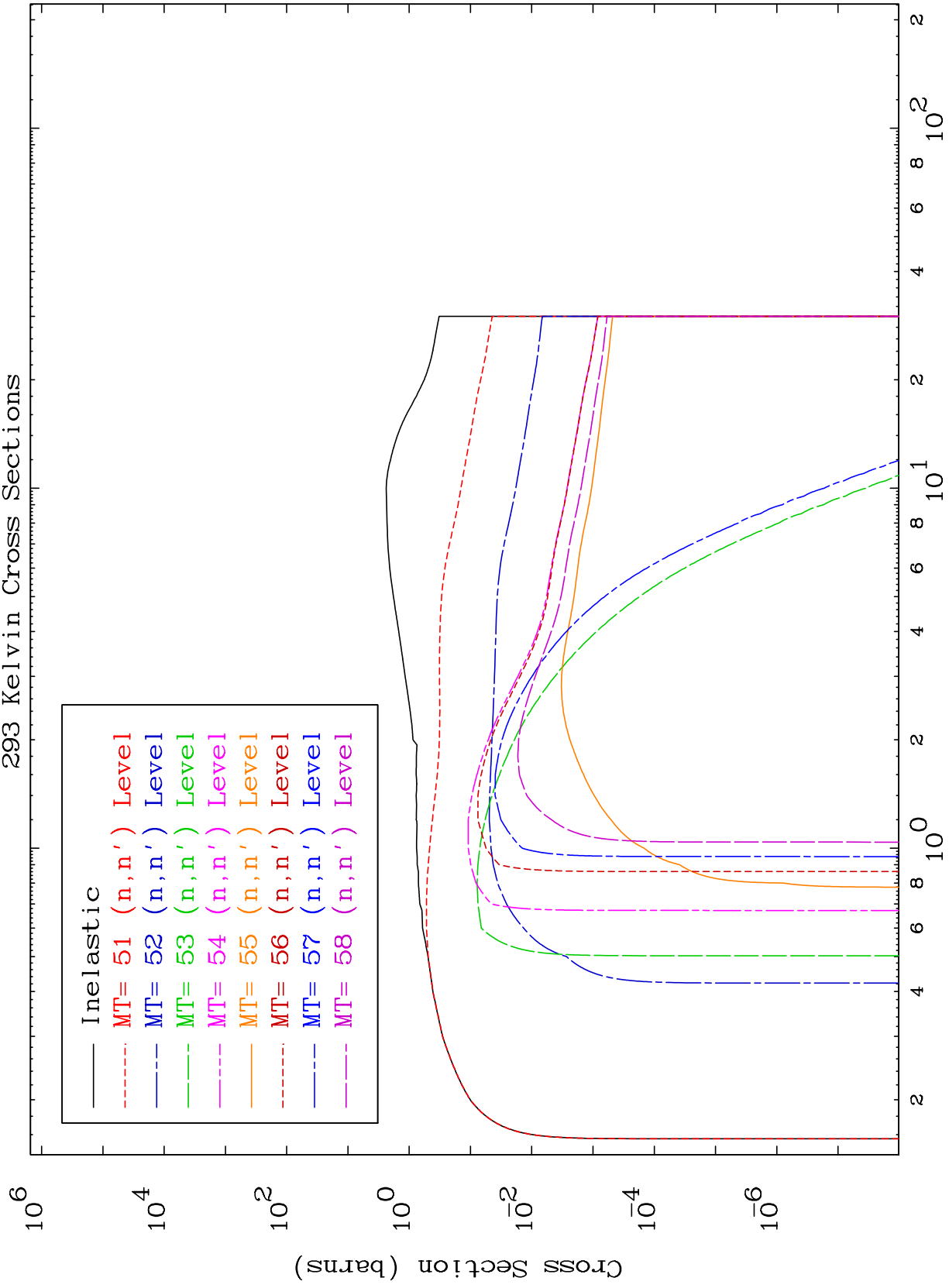
78-Pt-182



MAT 7801

293 Kelvin Cross Sections

78-Pt-182





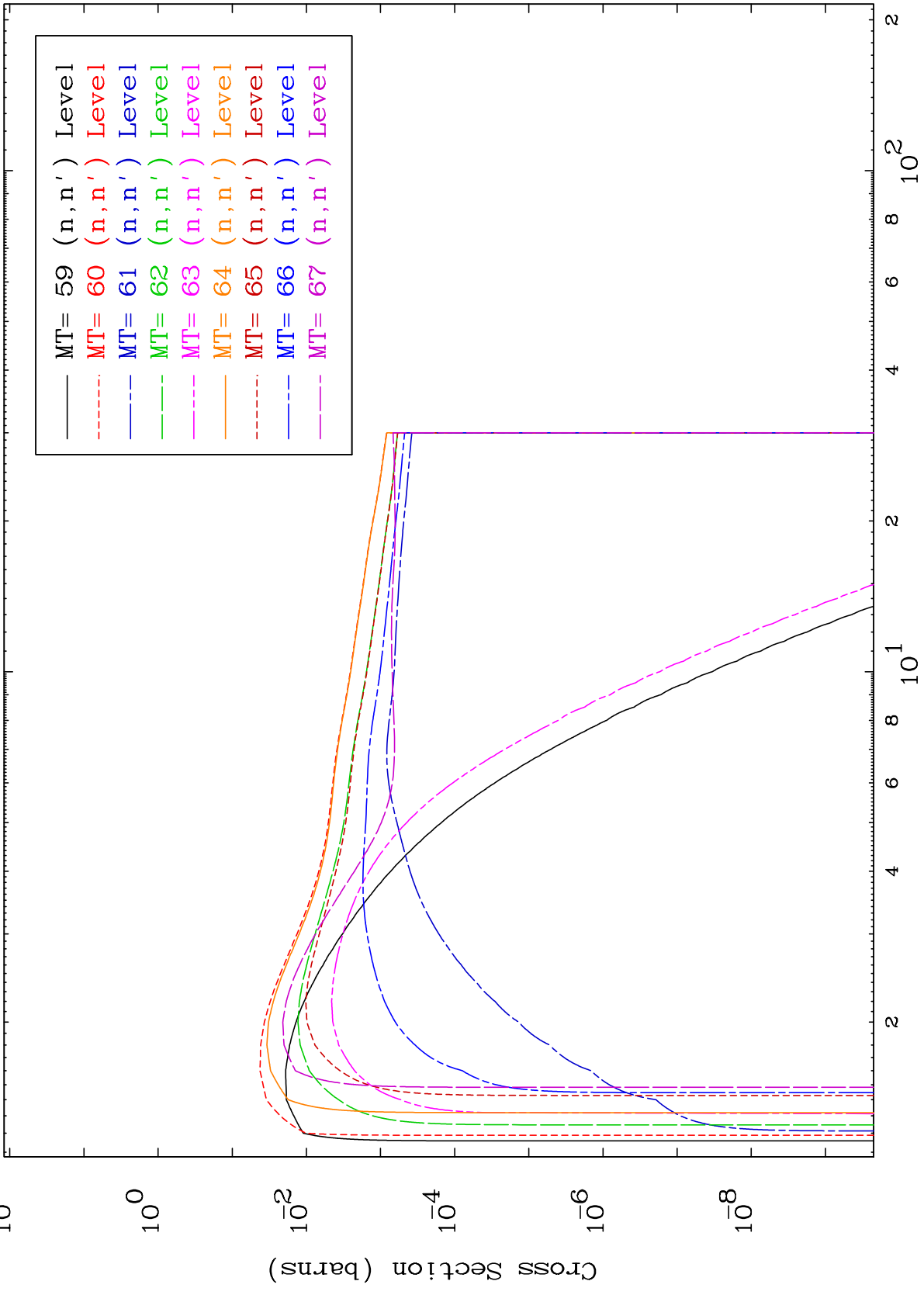
MAT 7801

(n,n') Level

78-Pt-182

293 Kelvin Cross Sections

78-Pt-182



8

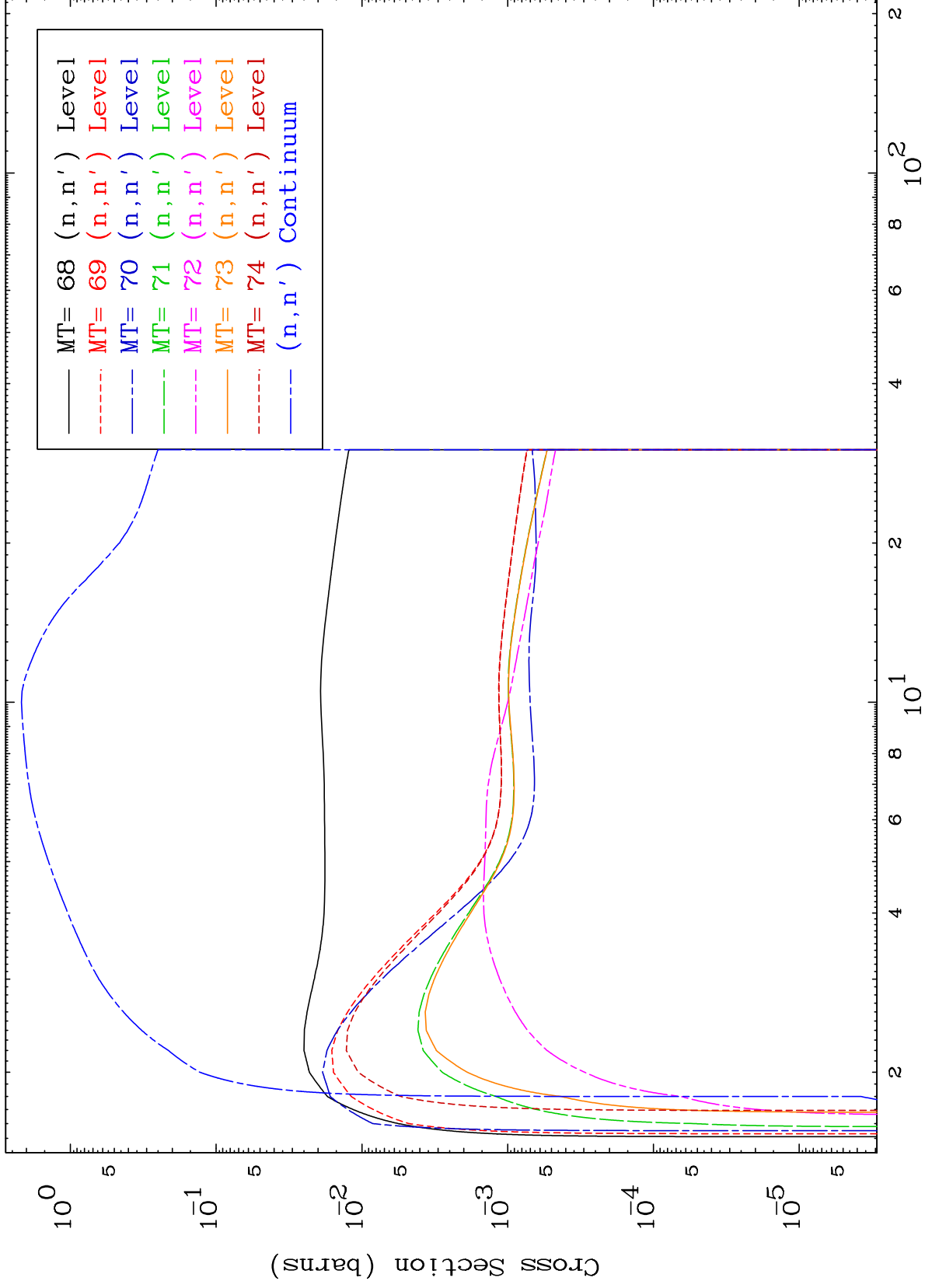
Incident Energy (MeV)

78-Pt-182

MAT 7801

(n,n') Level  
293 Kelvin Cross Sections

78-Pt-182



9

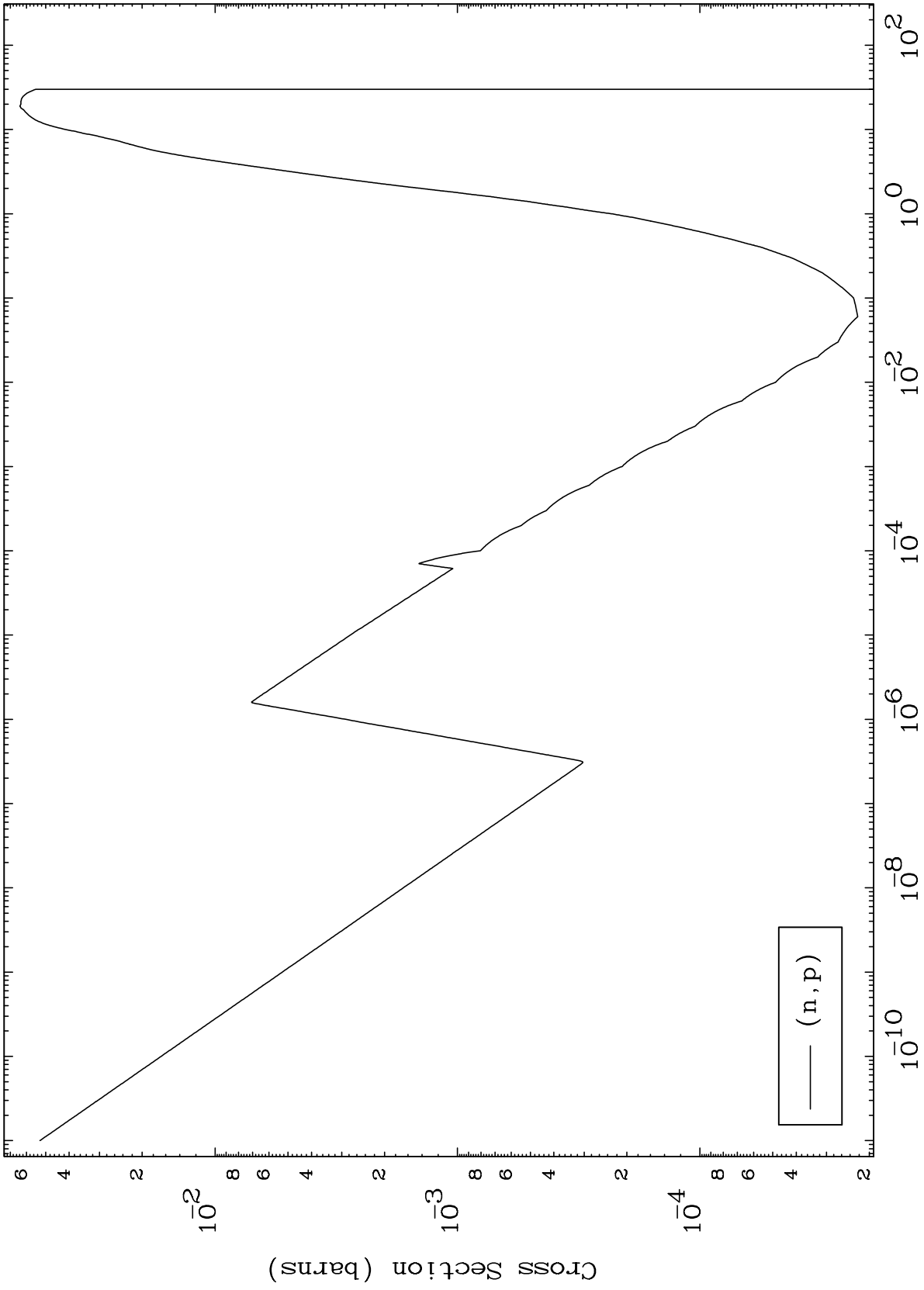
Incident Energy (MeV)

78-Pt-182

MAT 7801

(n,p) Levels  
293 Kelvin Cross Sections

78-Pt-182



10

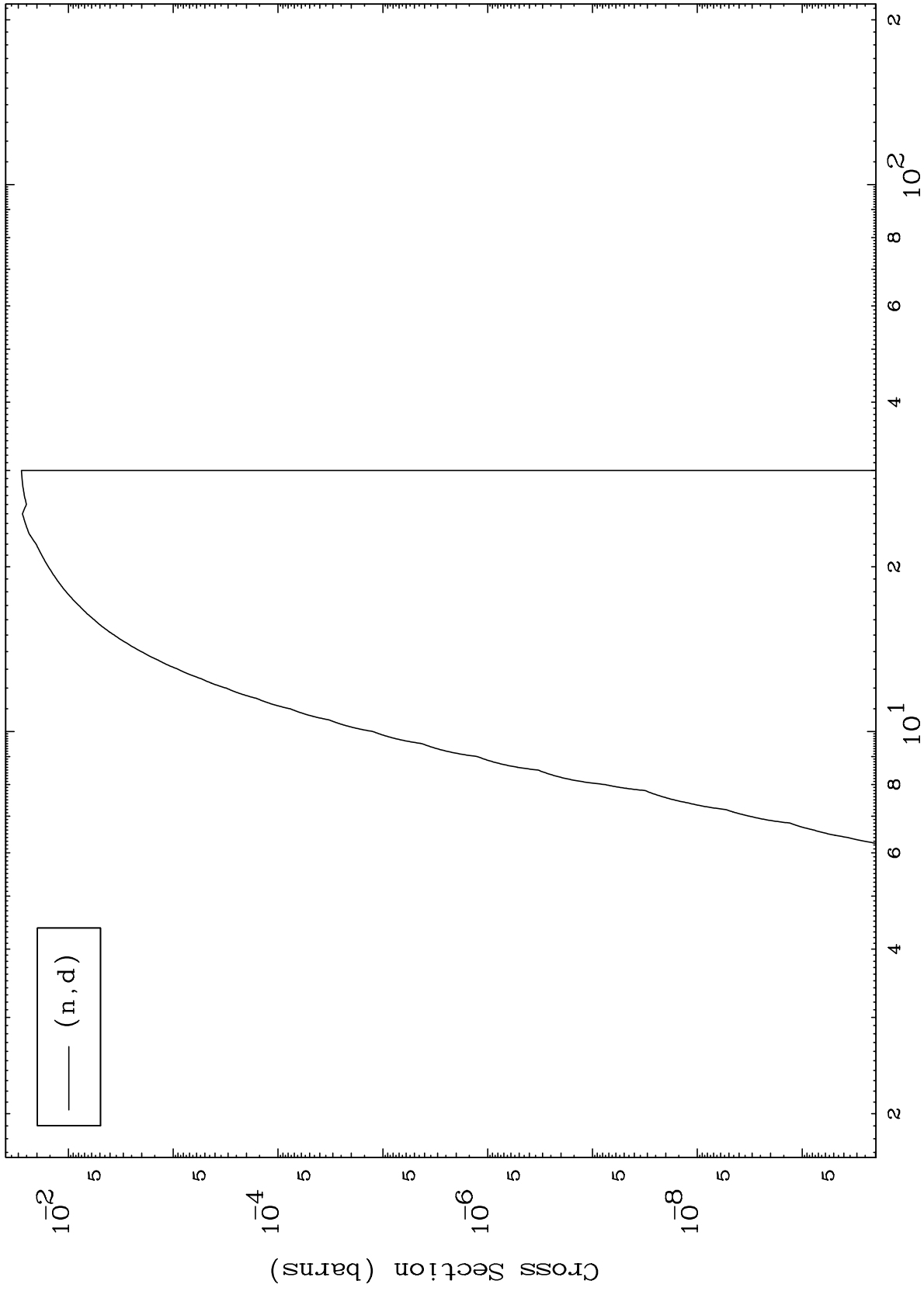
Incident Energy (MeV)

78-Pt-182

MAT 7801

(n,d) Levels  
293 Kelvin Cross Sections

78-Pt-182



11

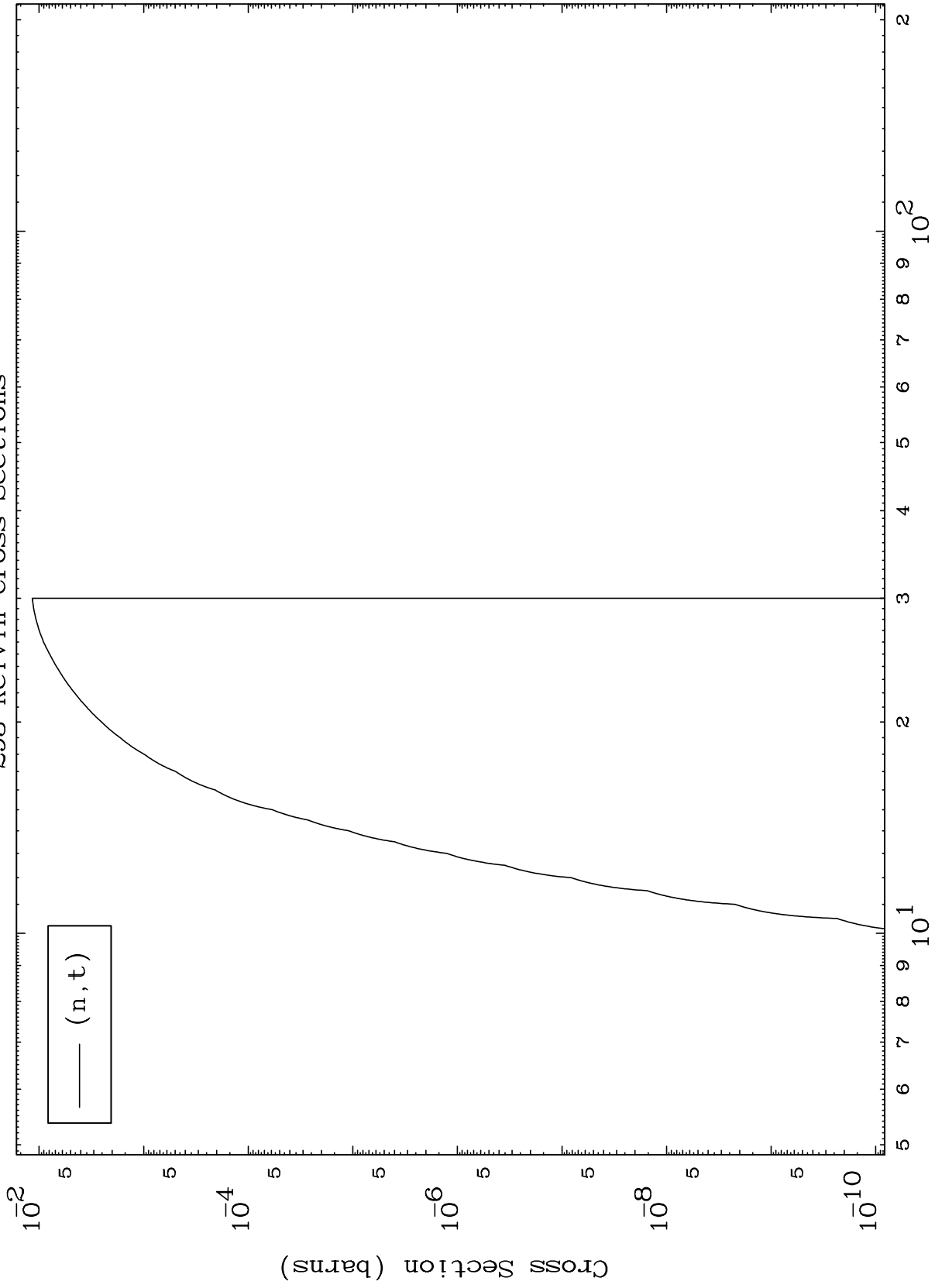
Incident Energy (MeV)

78-Pt-182

MAT 7801

(n,t) Levels  
293 Kelvin Cross Sections

78-Pt-182



12

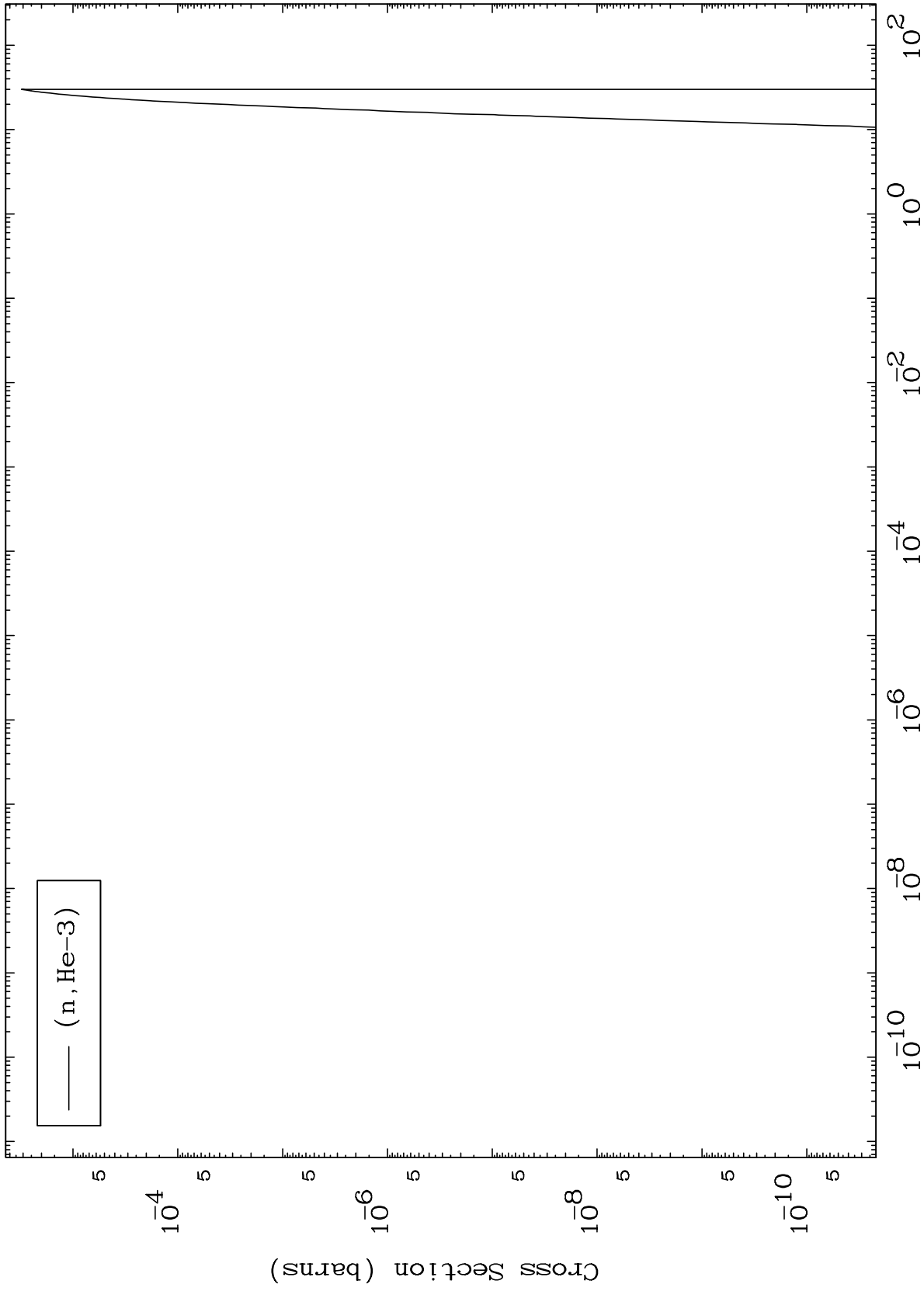
Incident Energy (MeV)

78-Pt-182

MAT 7801

(n,He3) Levels  
293 Kelvin Cross Sections

78-Pt-182



13

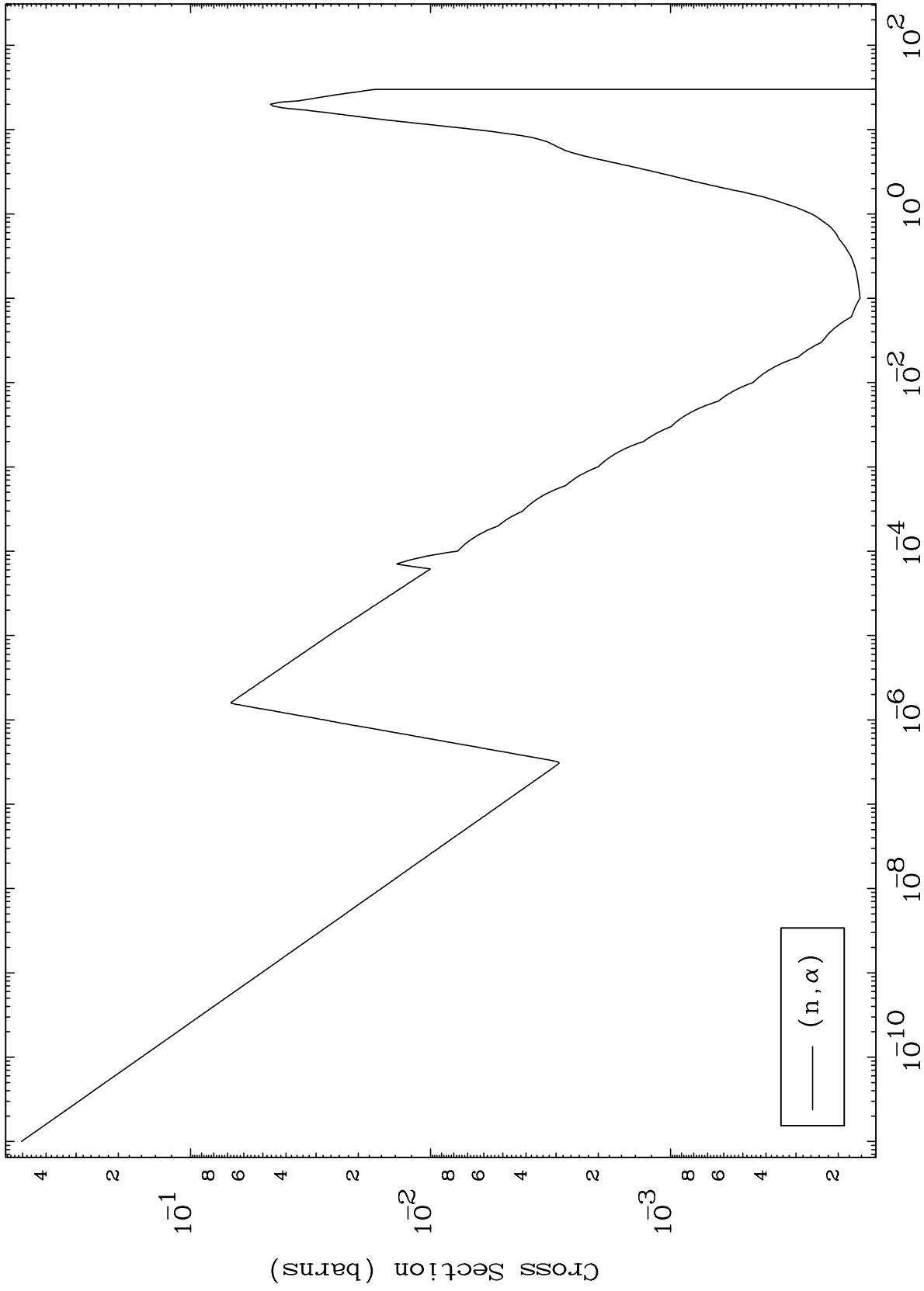
Incident Energy (MeV)

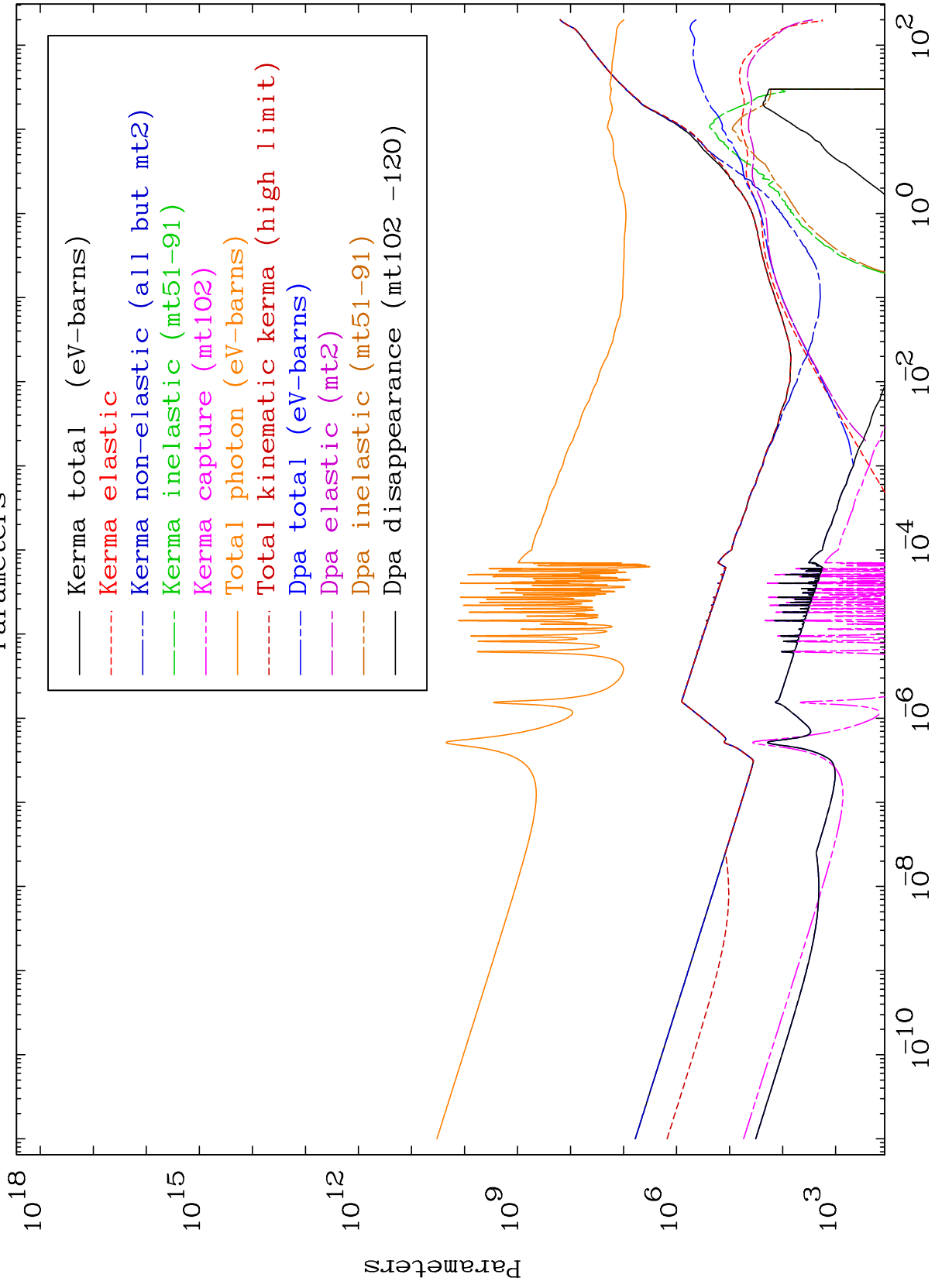
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MAT 7801

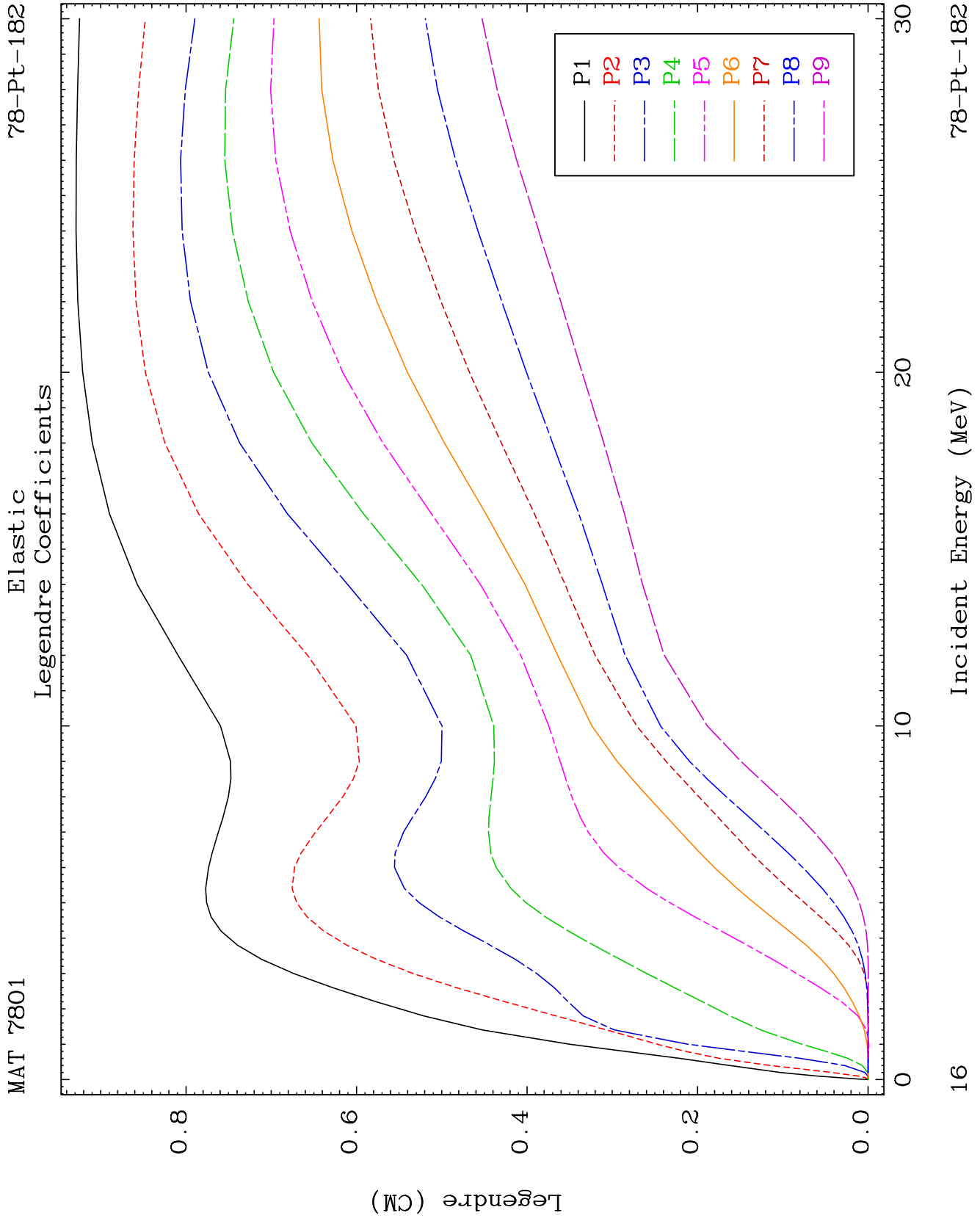
(n,α) Levels  
293 Kelvin Cross Sections

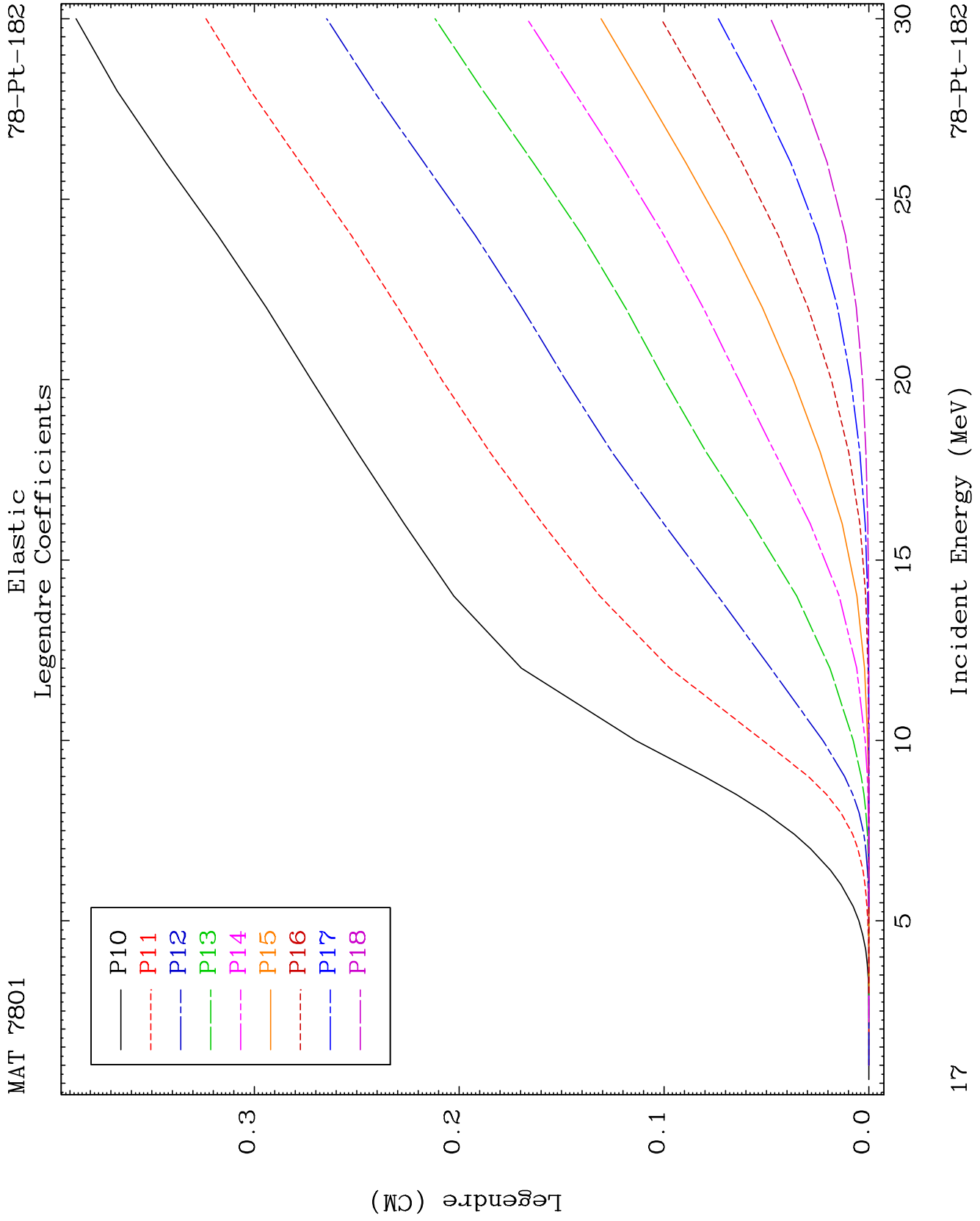
78-Pt-182







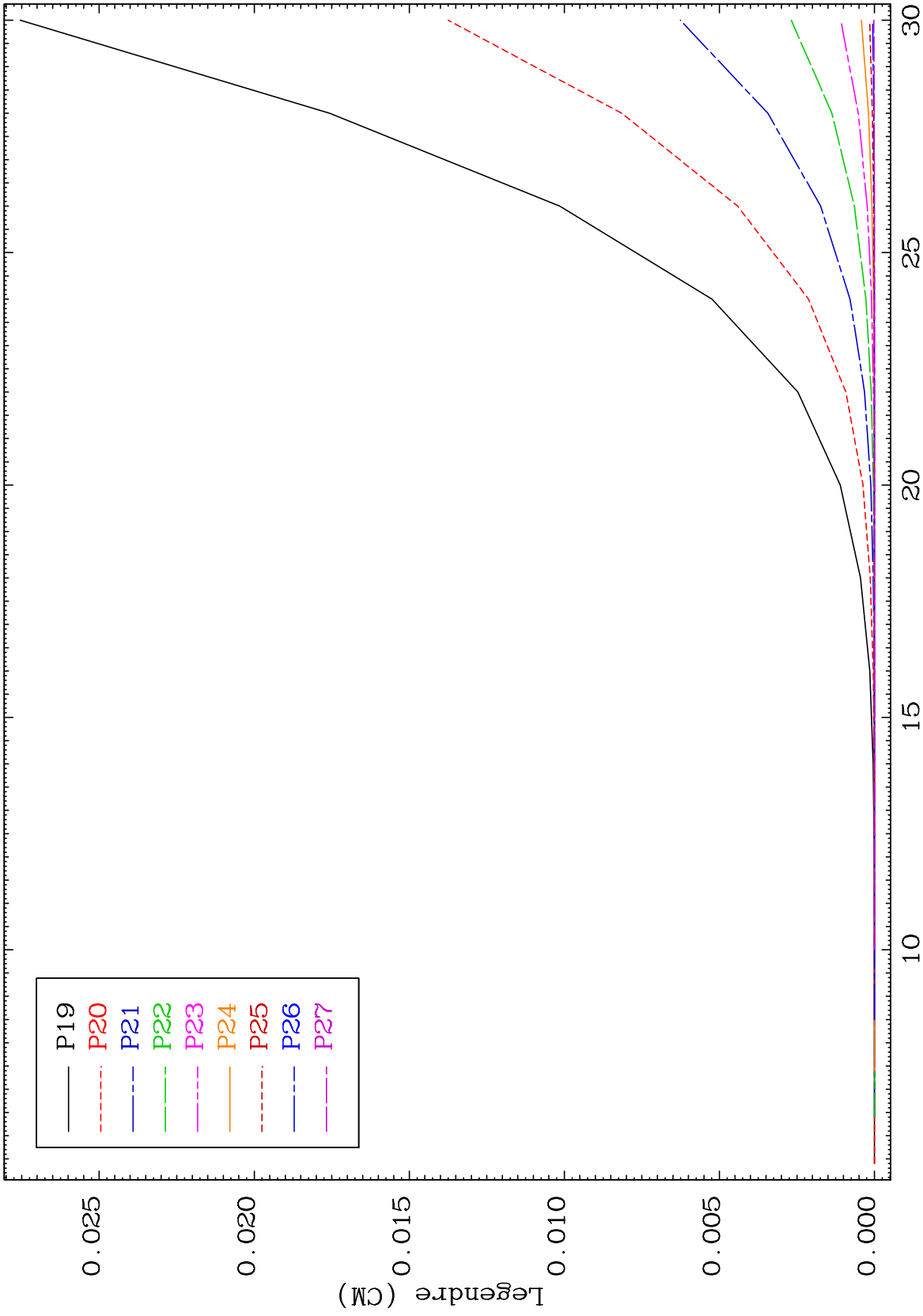




MAT 7801

Elastic  
Legendre Coefficients

78-Pt-182



18

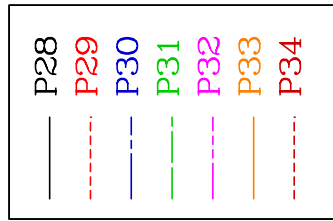
Incident Energy (MeV)

78-Pt-182

MAT 7801

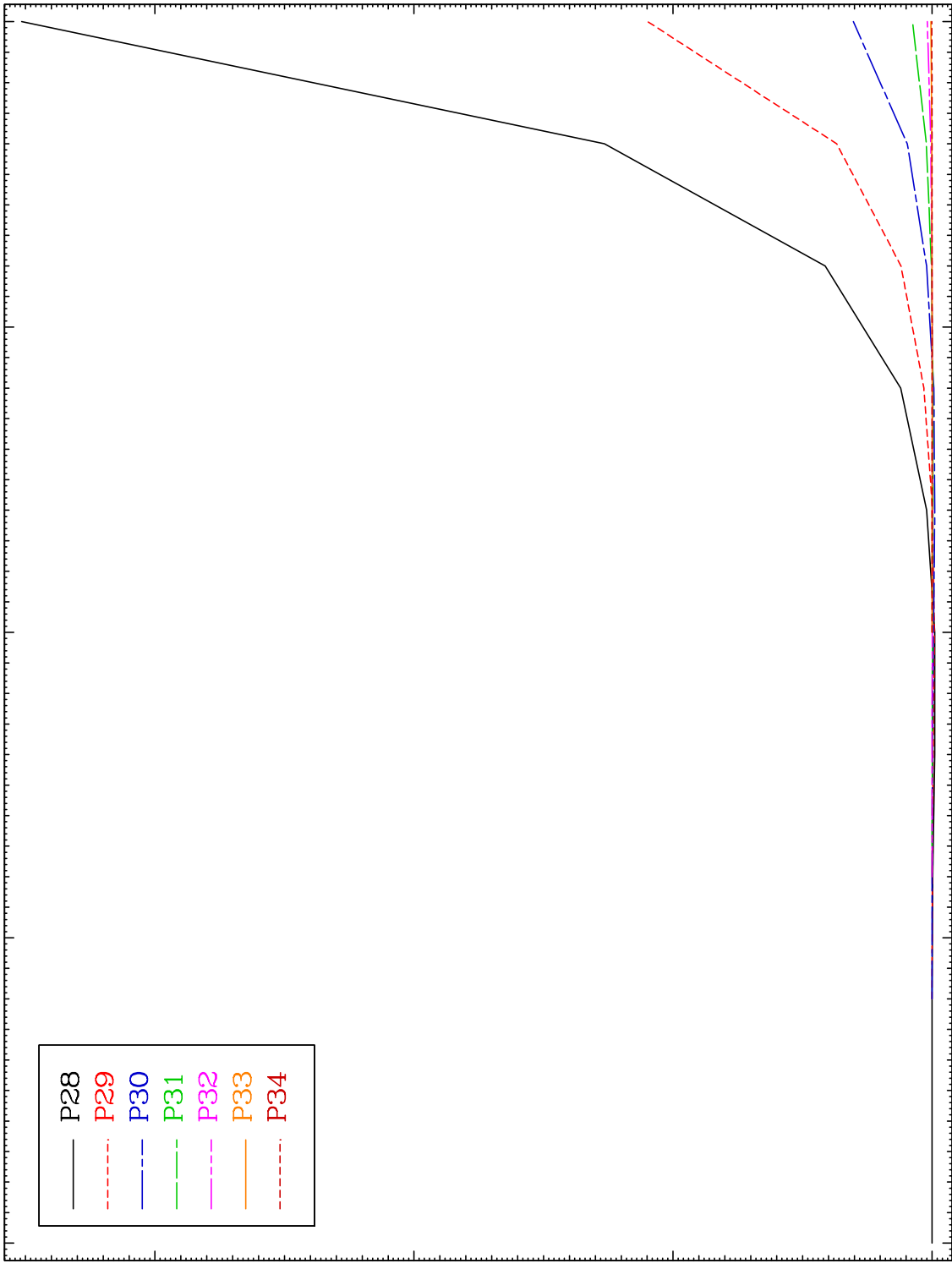
Elastic Legendre Coefficients

78-Pt-182



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

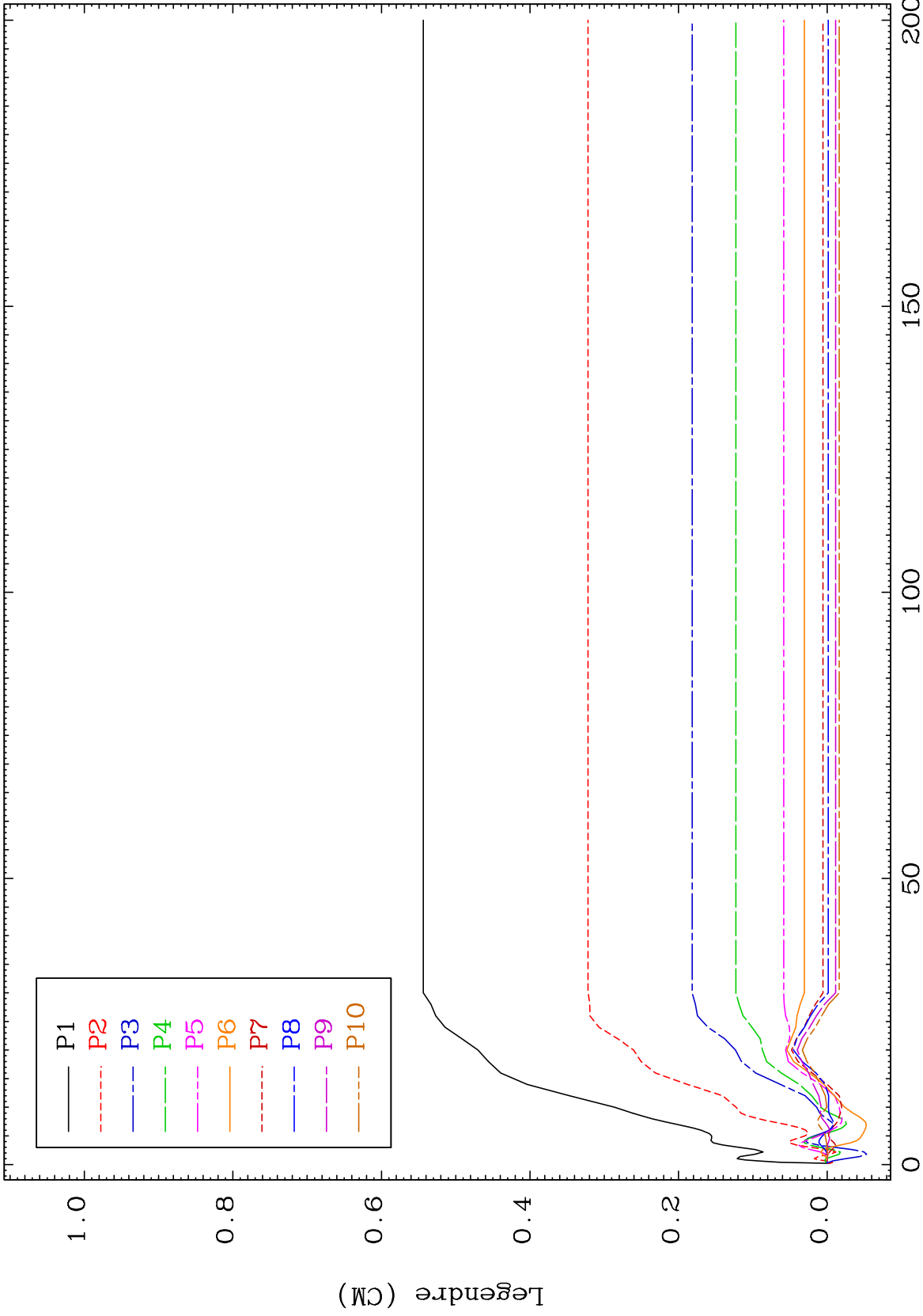
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



20

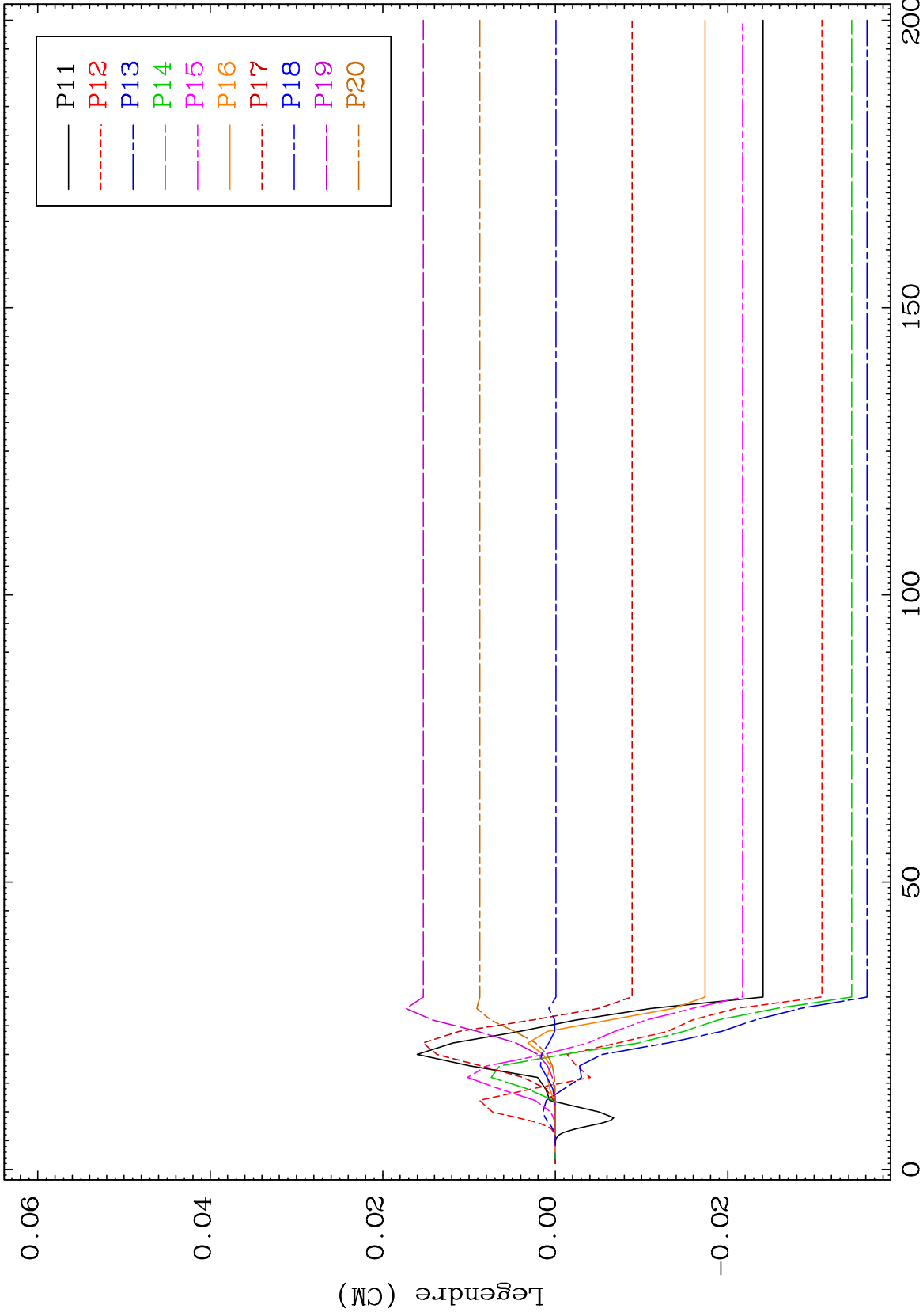
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



21

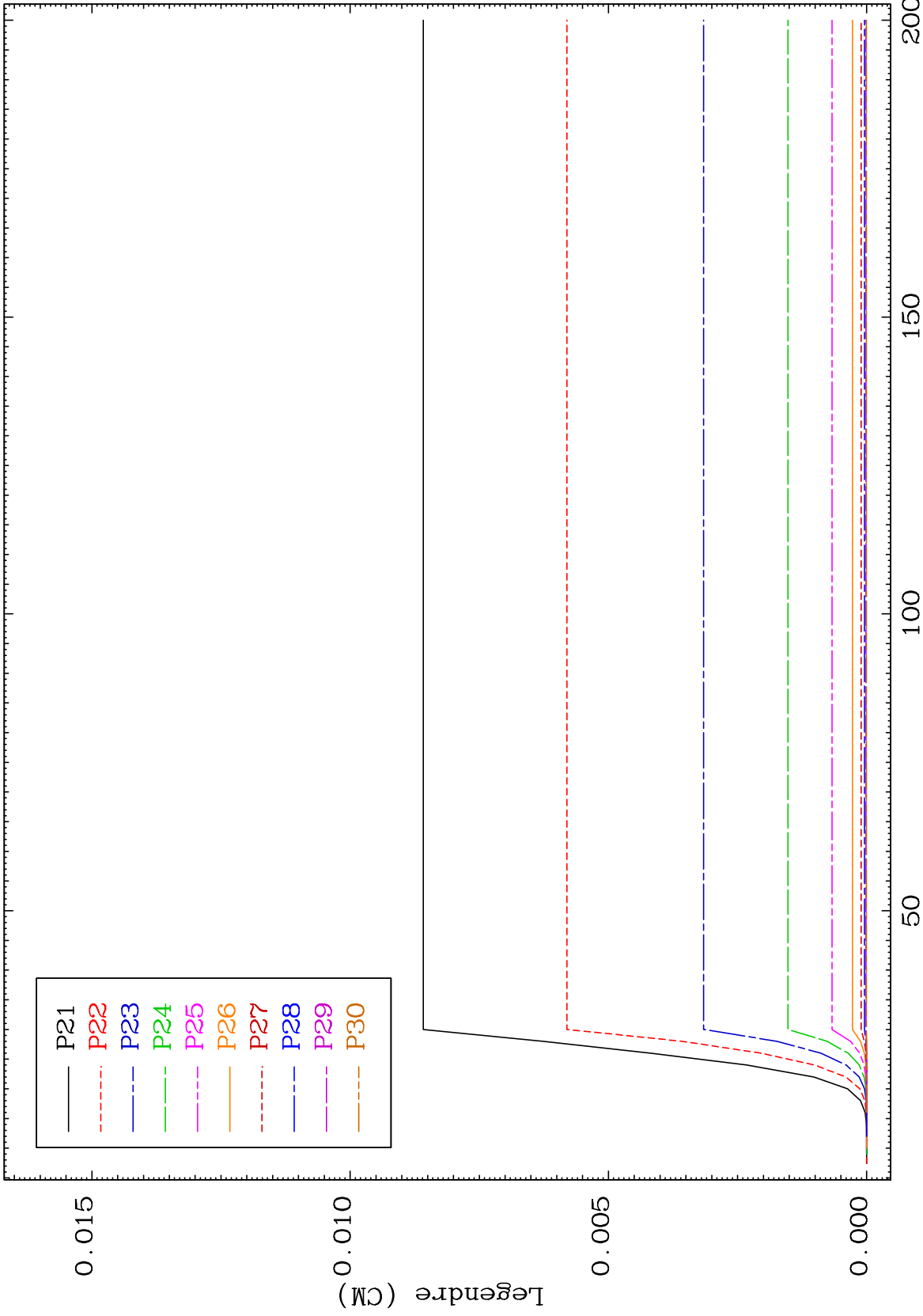
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



22

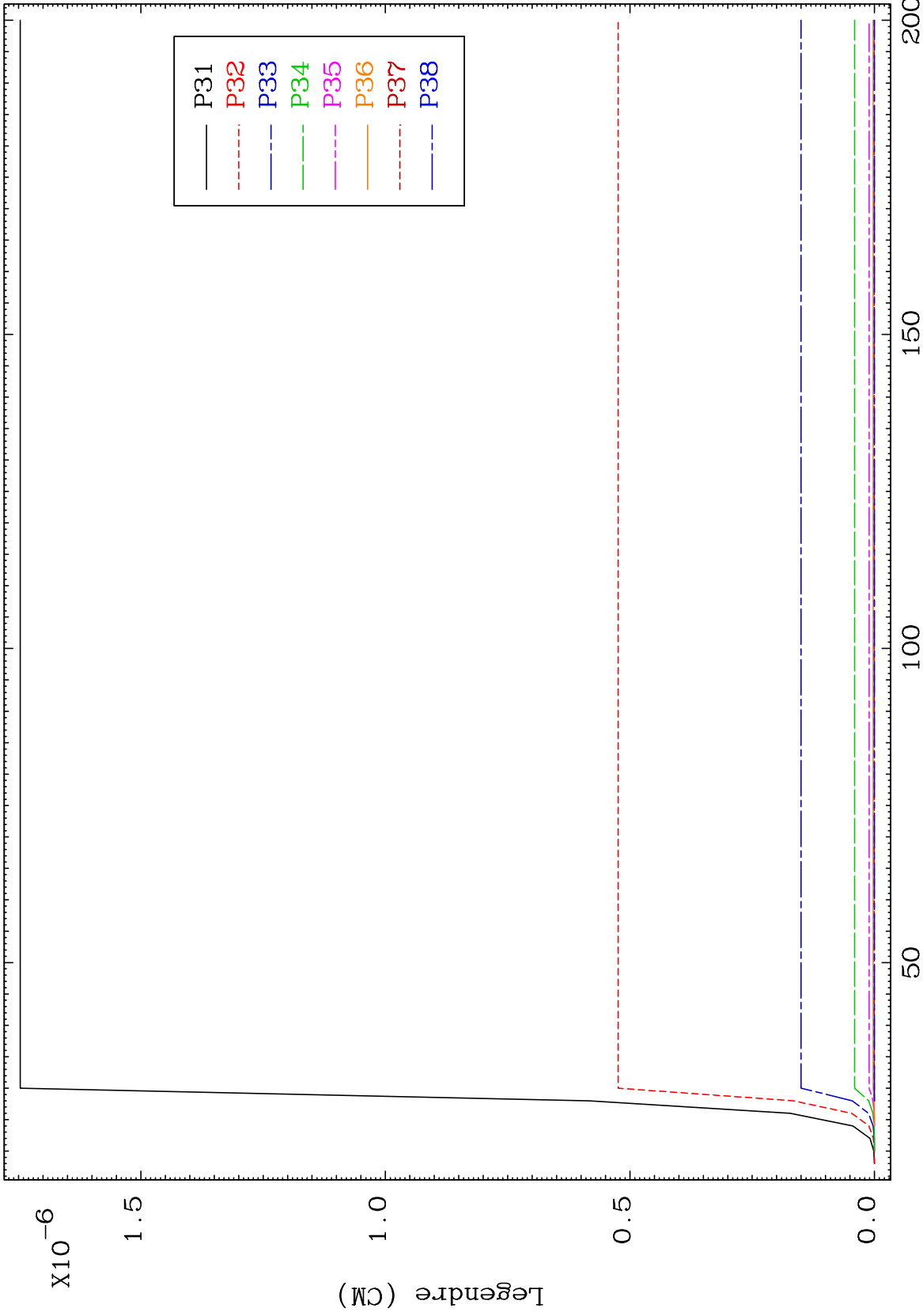
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



23

Incident Energy (MeV)

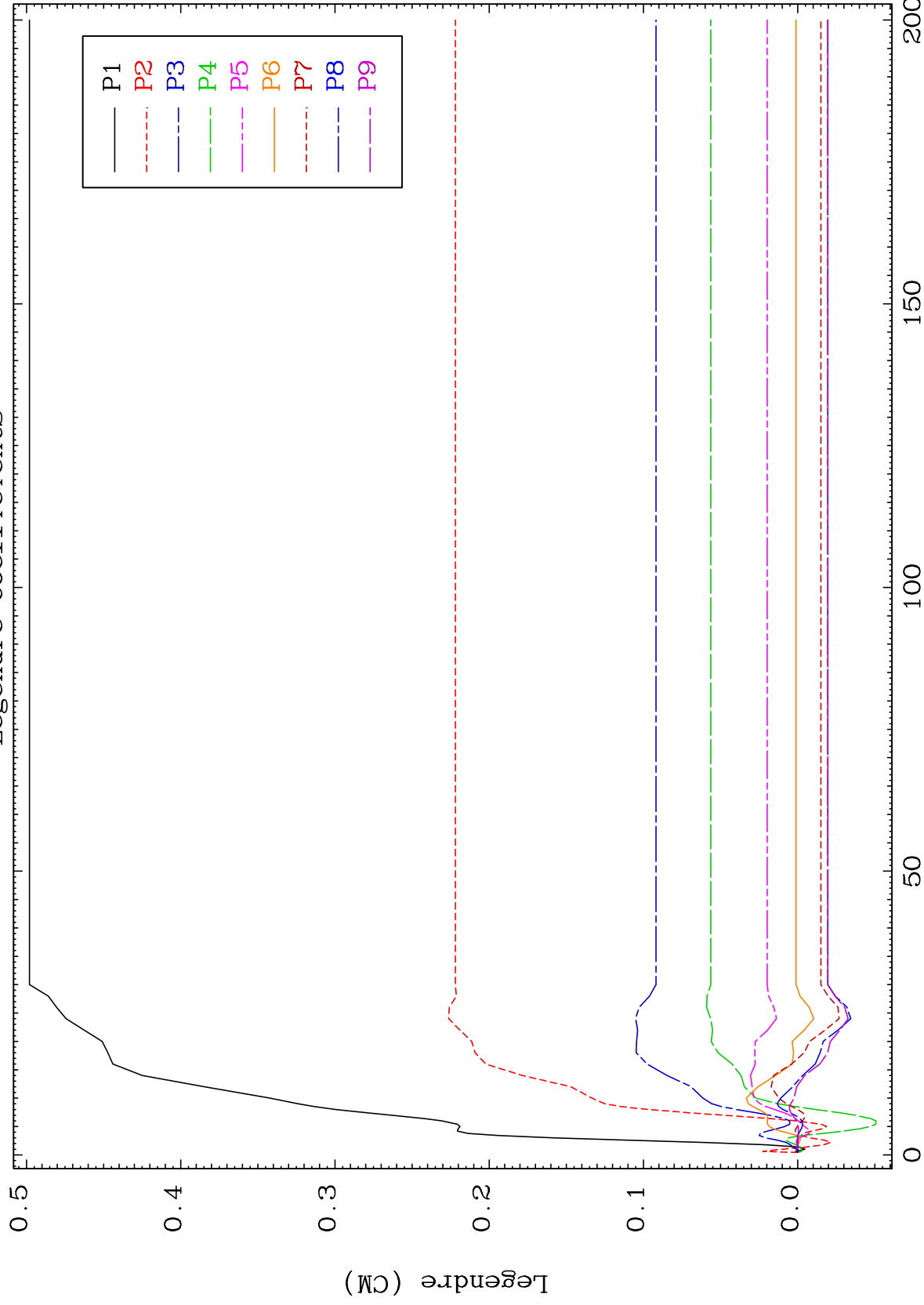
78-Pt-182



MAT 7801

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

78-Pt-182



24

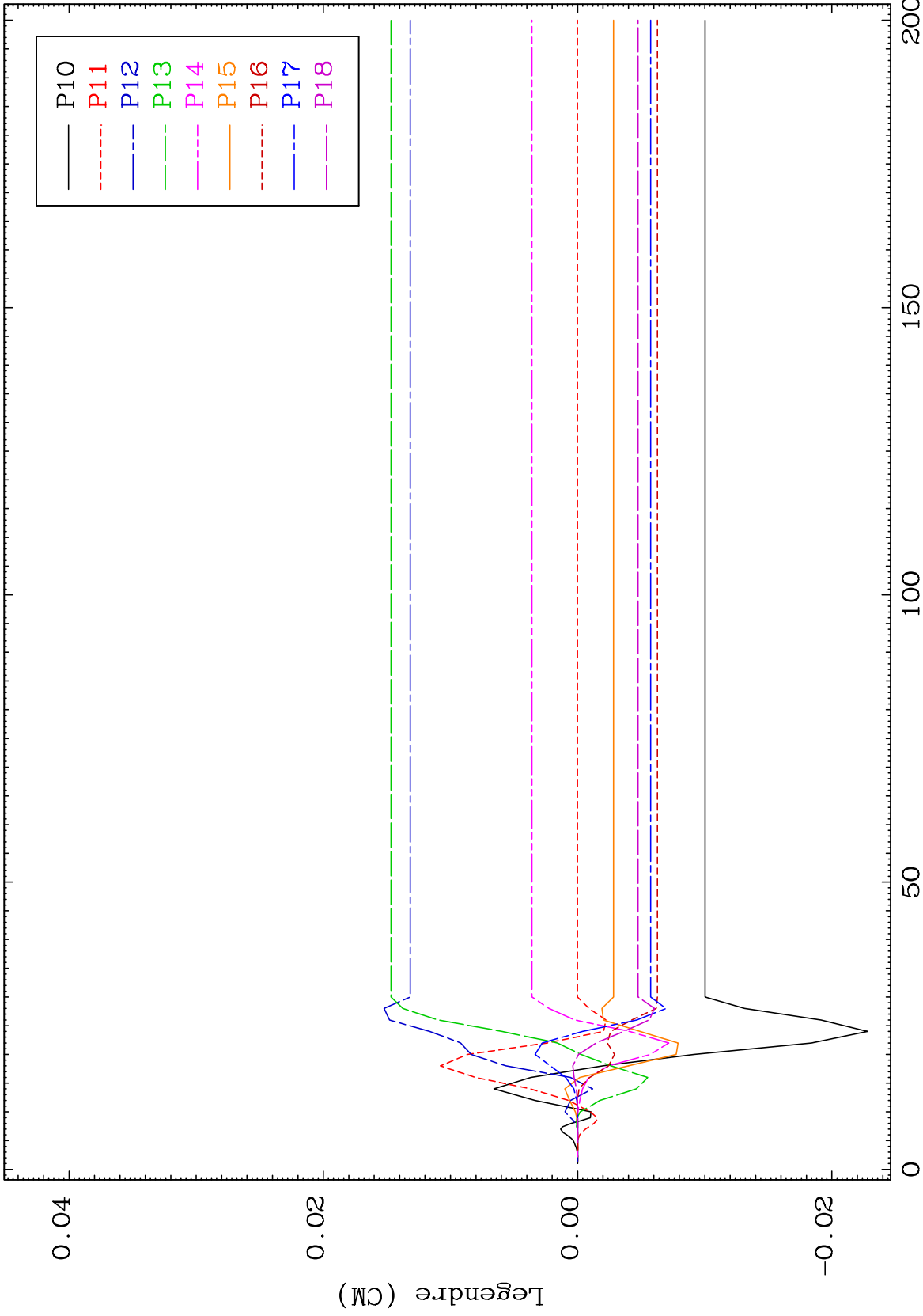
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



78-Pt-182

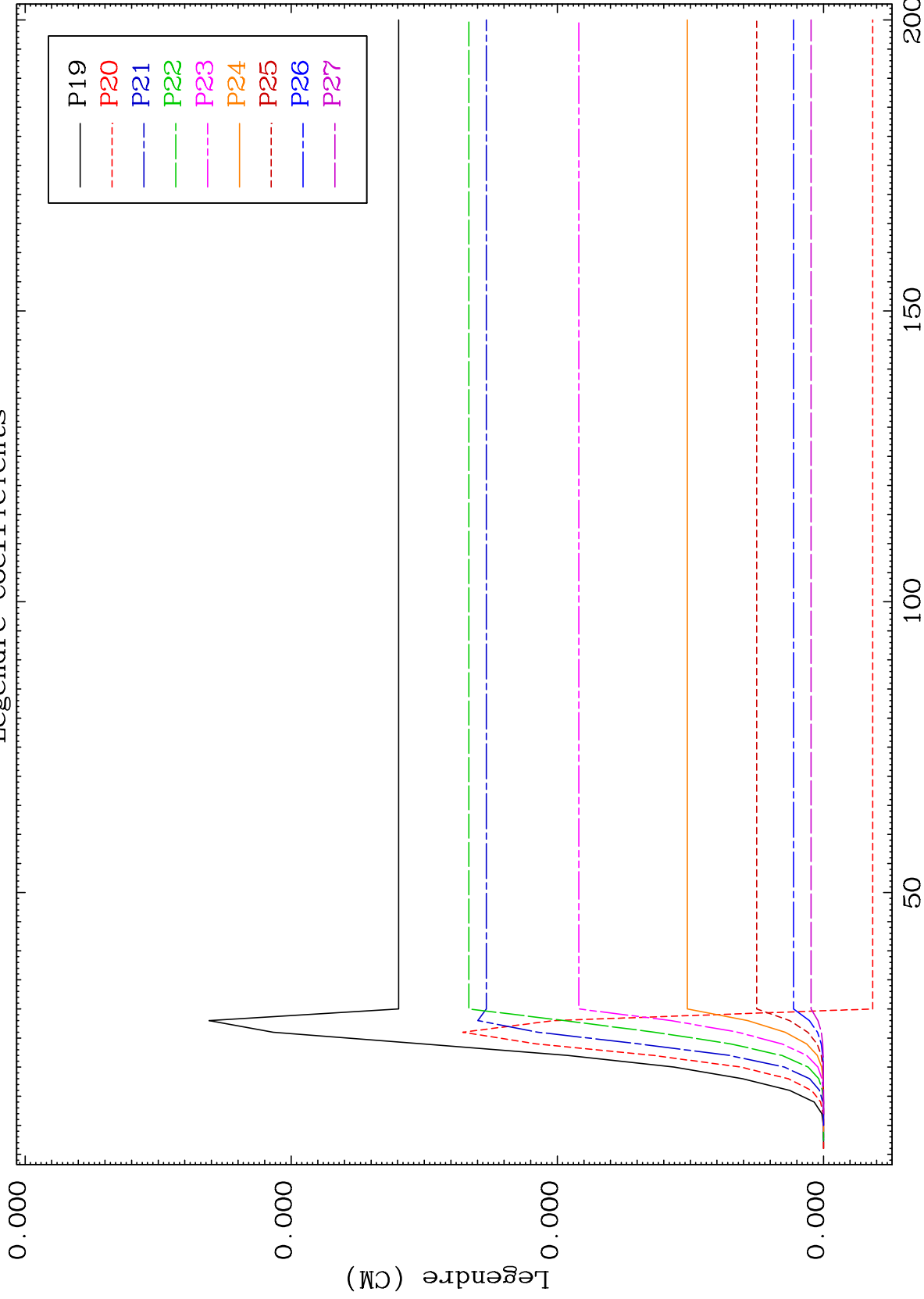
Incident Energy (MeV)

25

MAT 7801

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

78-Pt-182



26

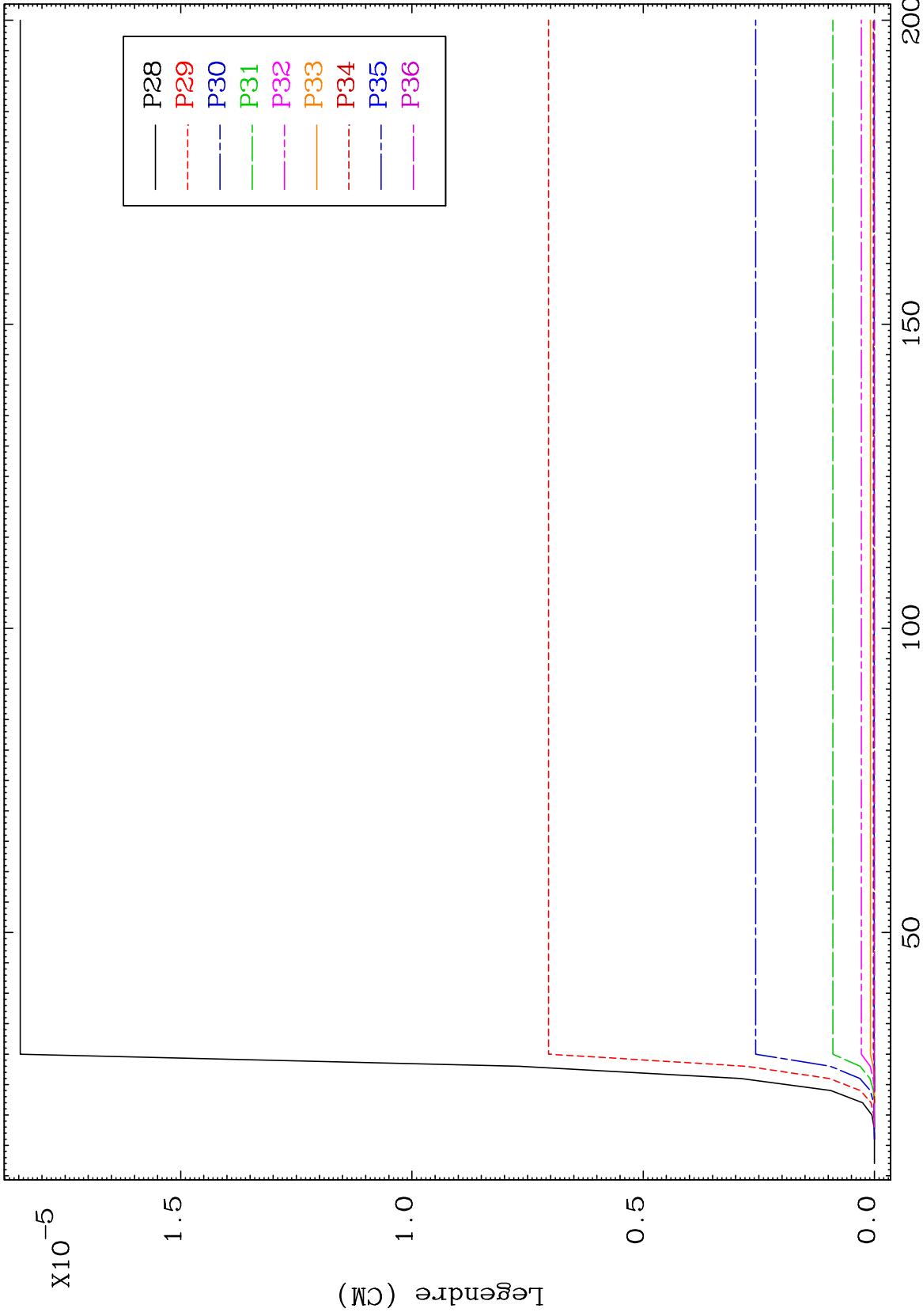
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182

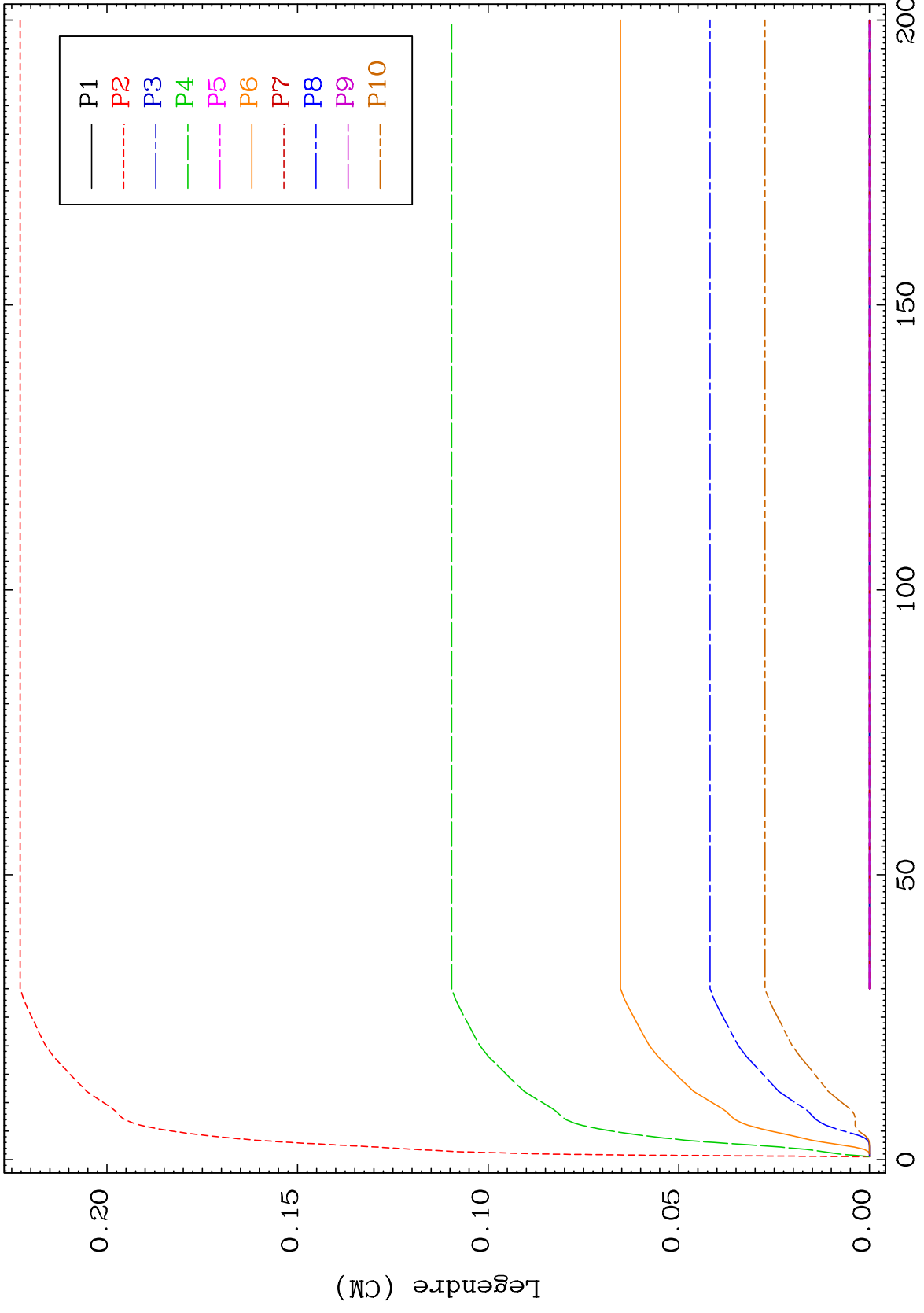


27

Incident Energy (MeV)

78-Pt-182

MAT 7801 MT= 53 (n,n') Level Legendre Coefficients 78-Pt-182

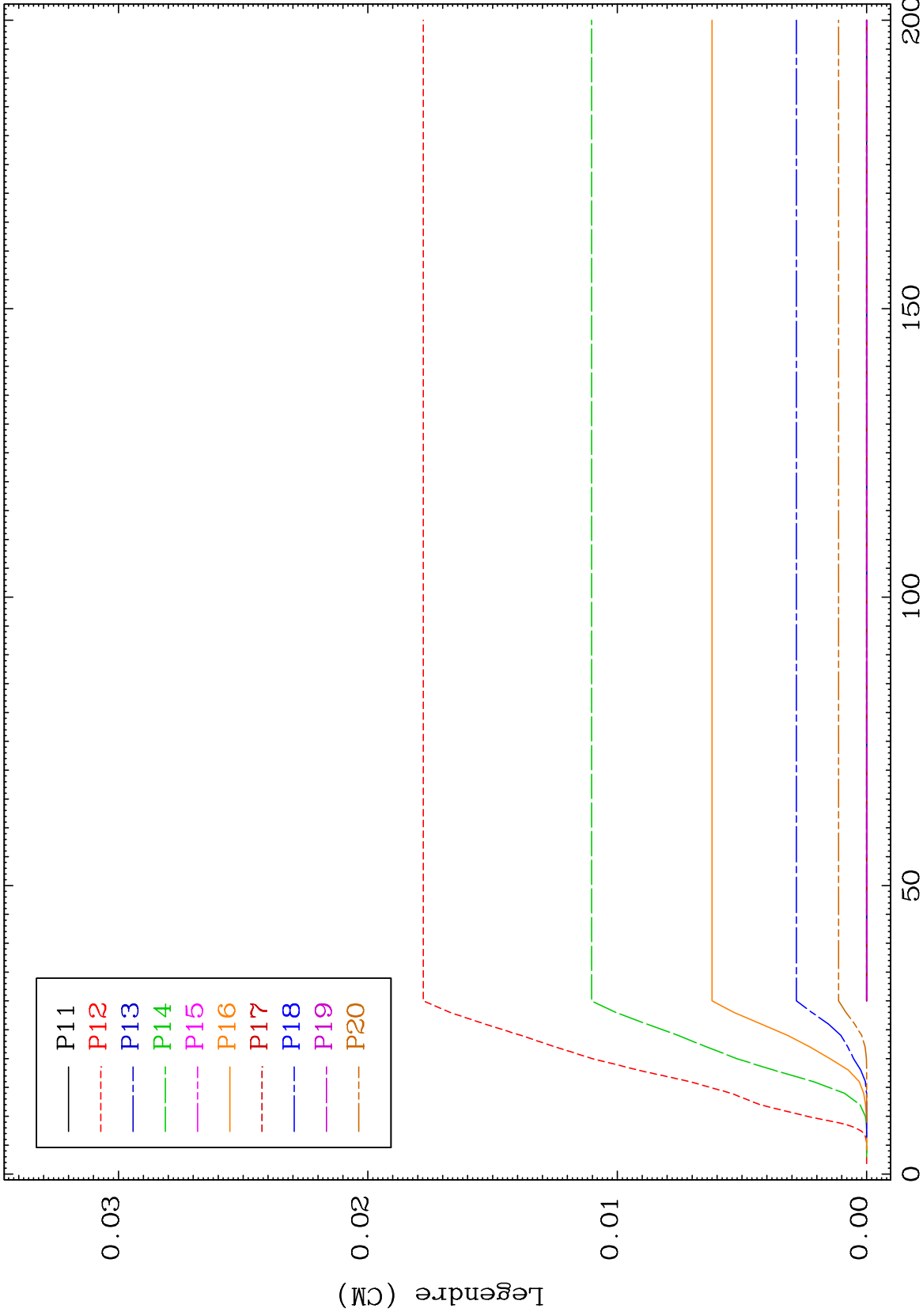


28 Incident Energy (MeV) 78-Pt-182

MAT 7801

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

78-Pt-182



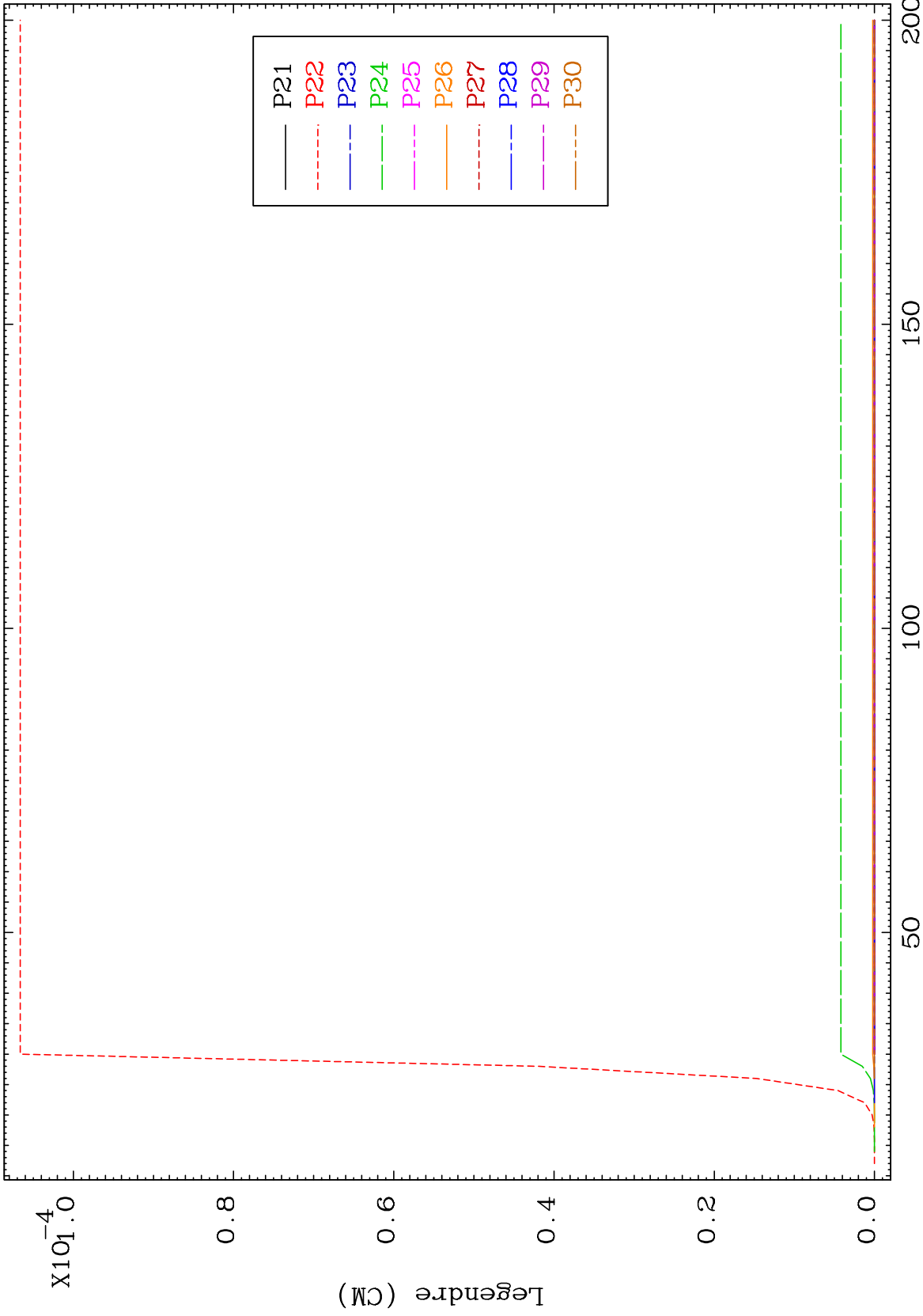
29

78-Pt-182

MAT 7801

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

78-Pt-182



30

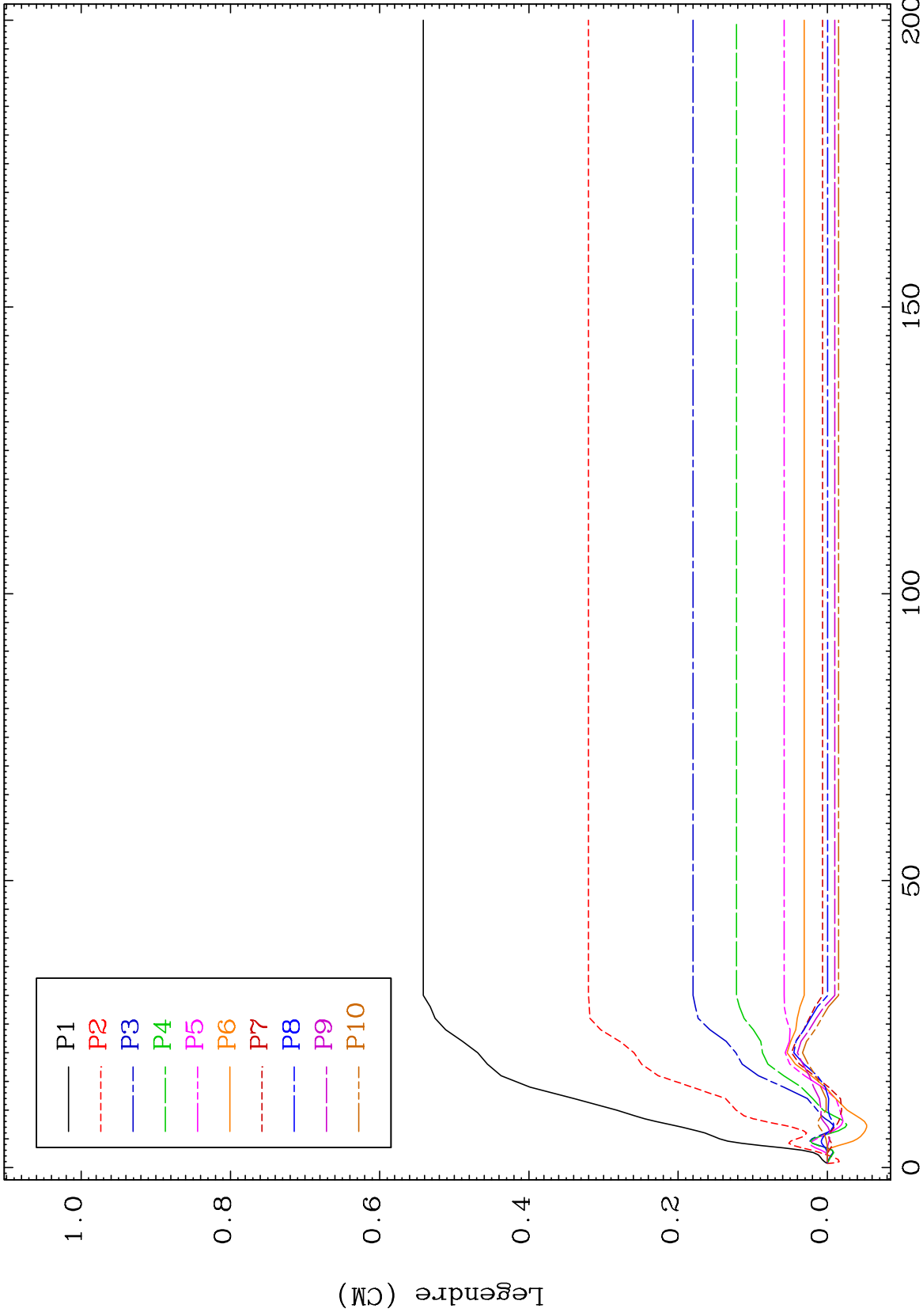
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



31

Incident Energy (MeV)

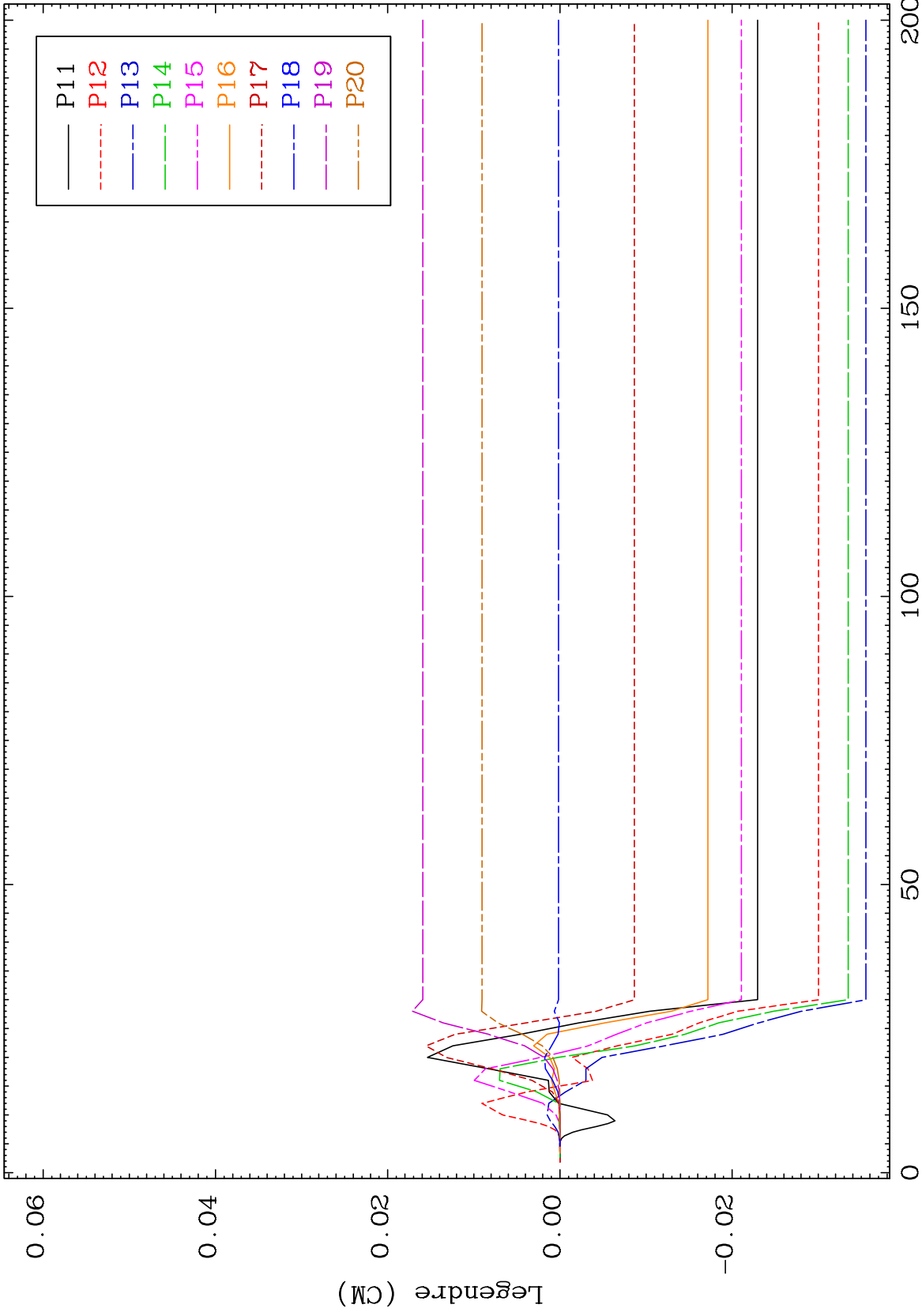
78-Pt-182



MAT 7801

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

78-Pt-182



32

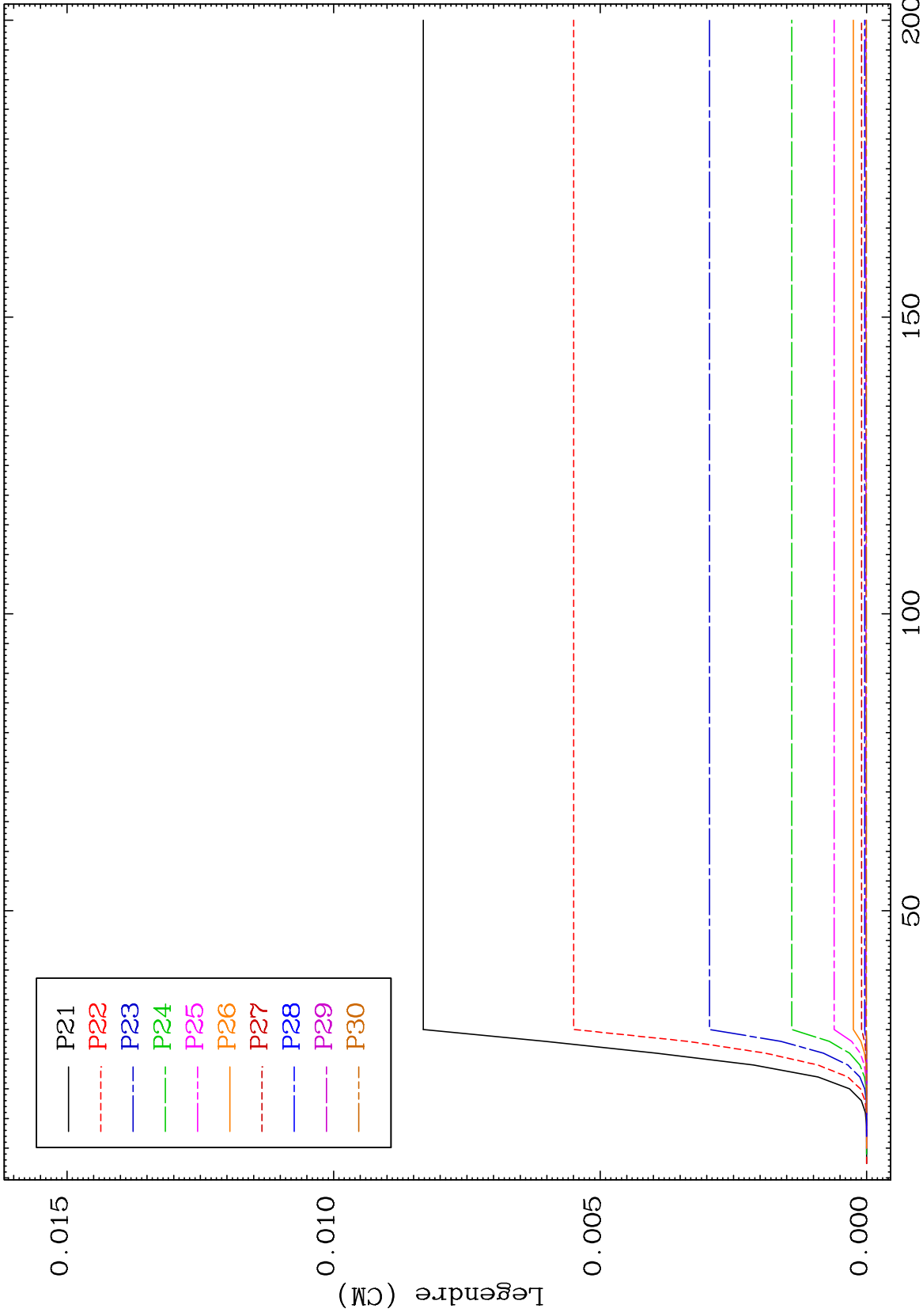
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

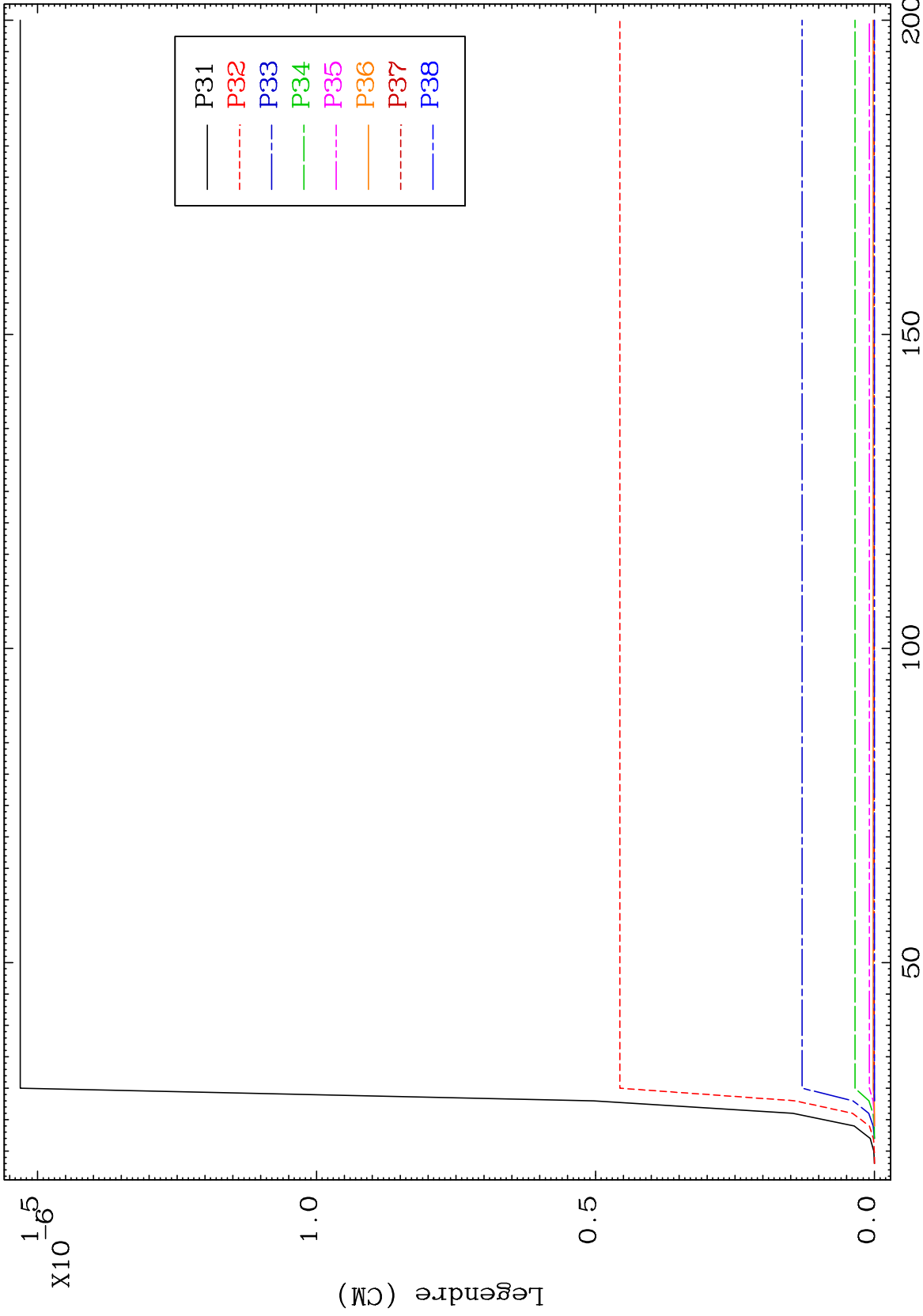
78-Pt-182



MAT 7801

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

78-Pt-182



34

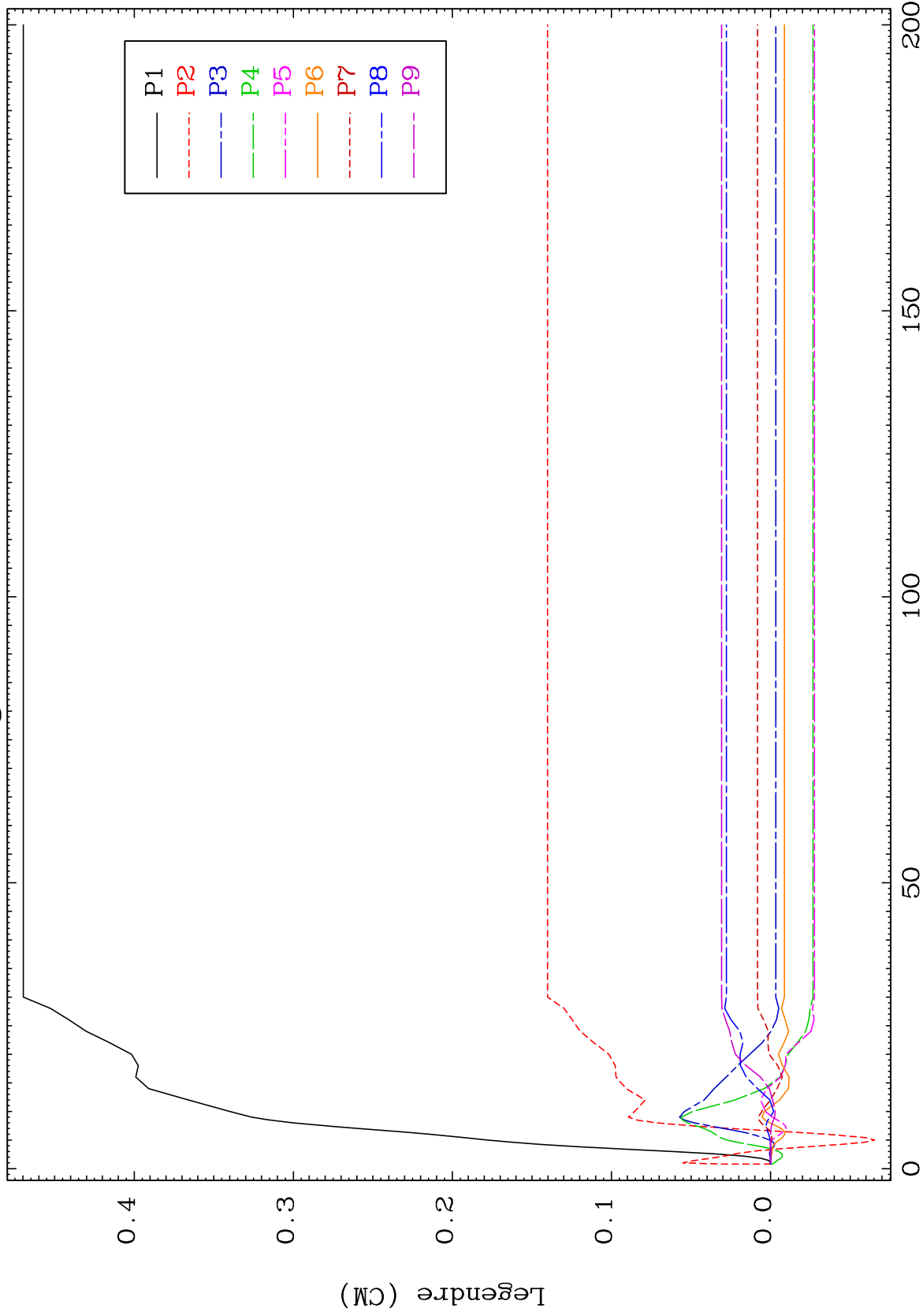
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



78-Pt-182

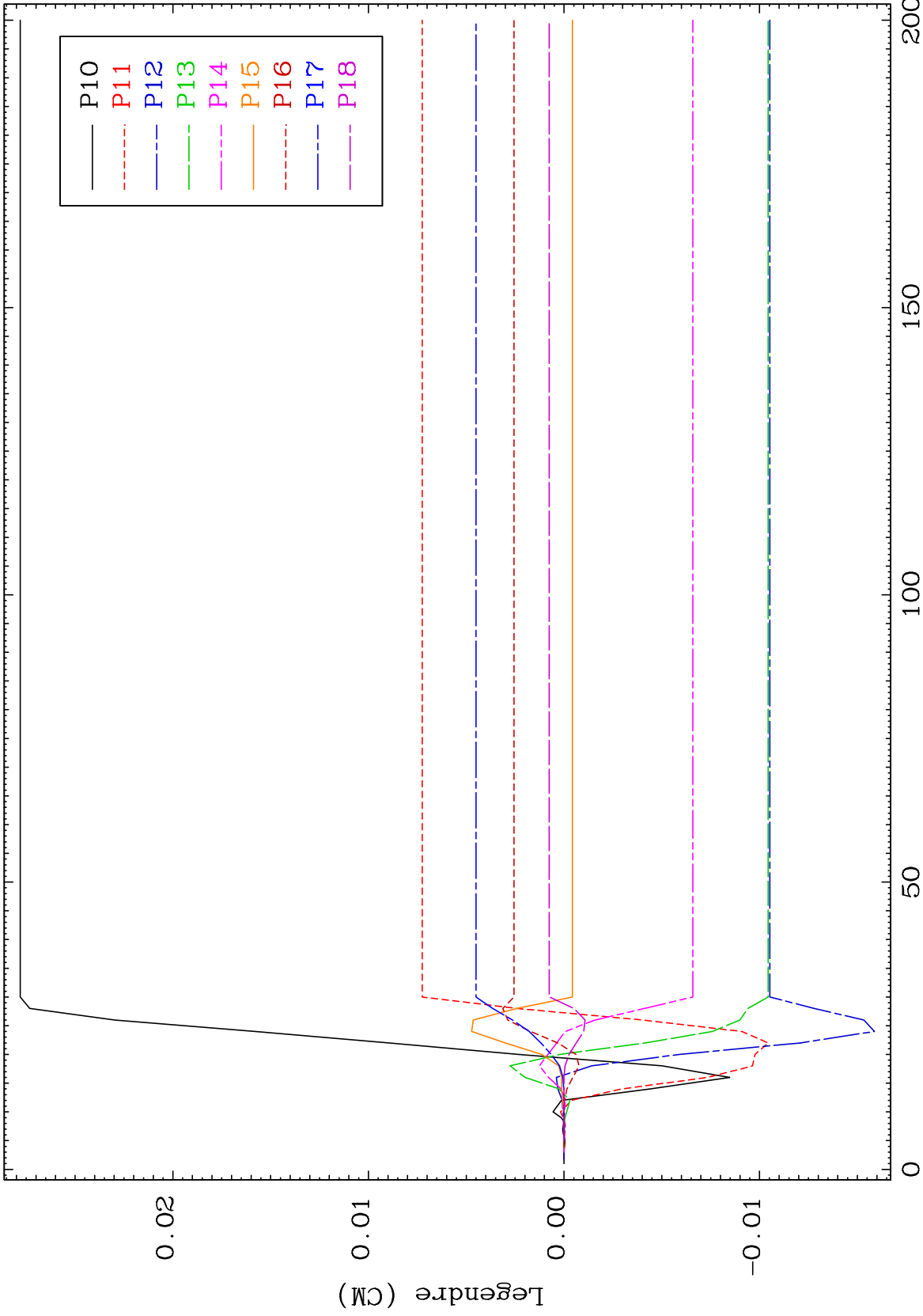
Incident Energy (MeV)

35

MAT 7801

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

78-Pt-182



36

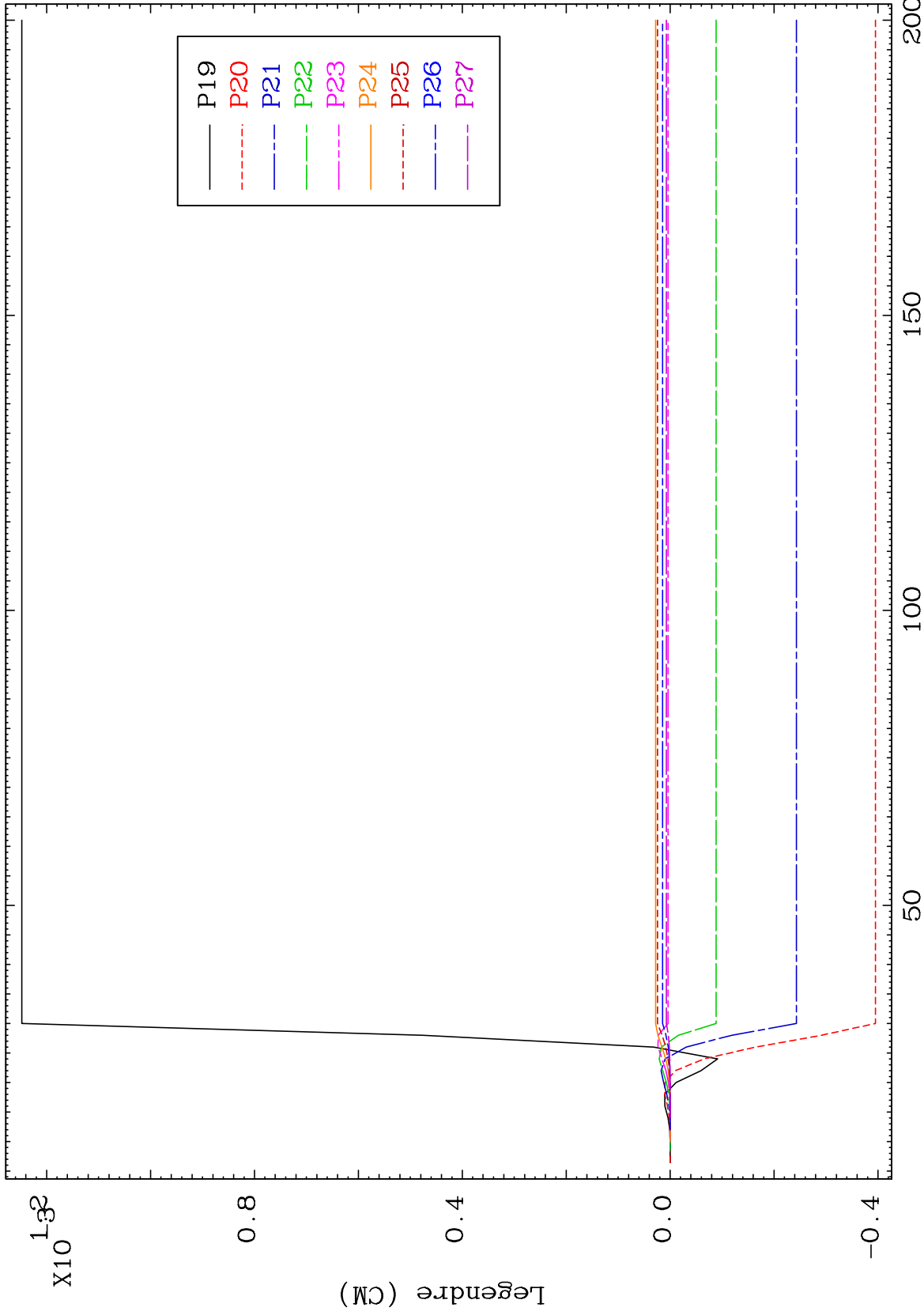
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



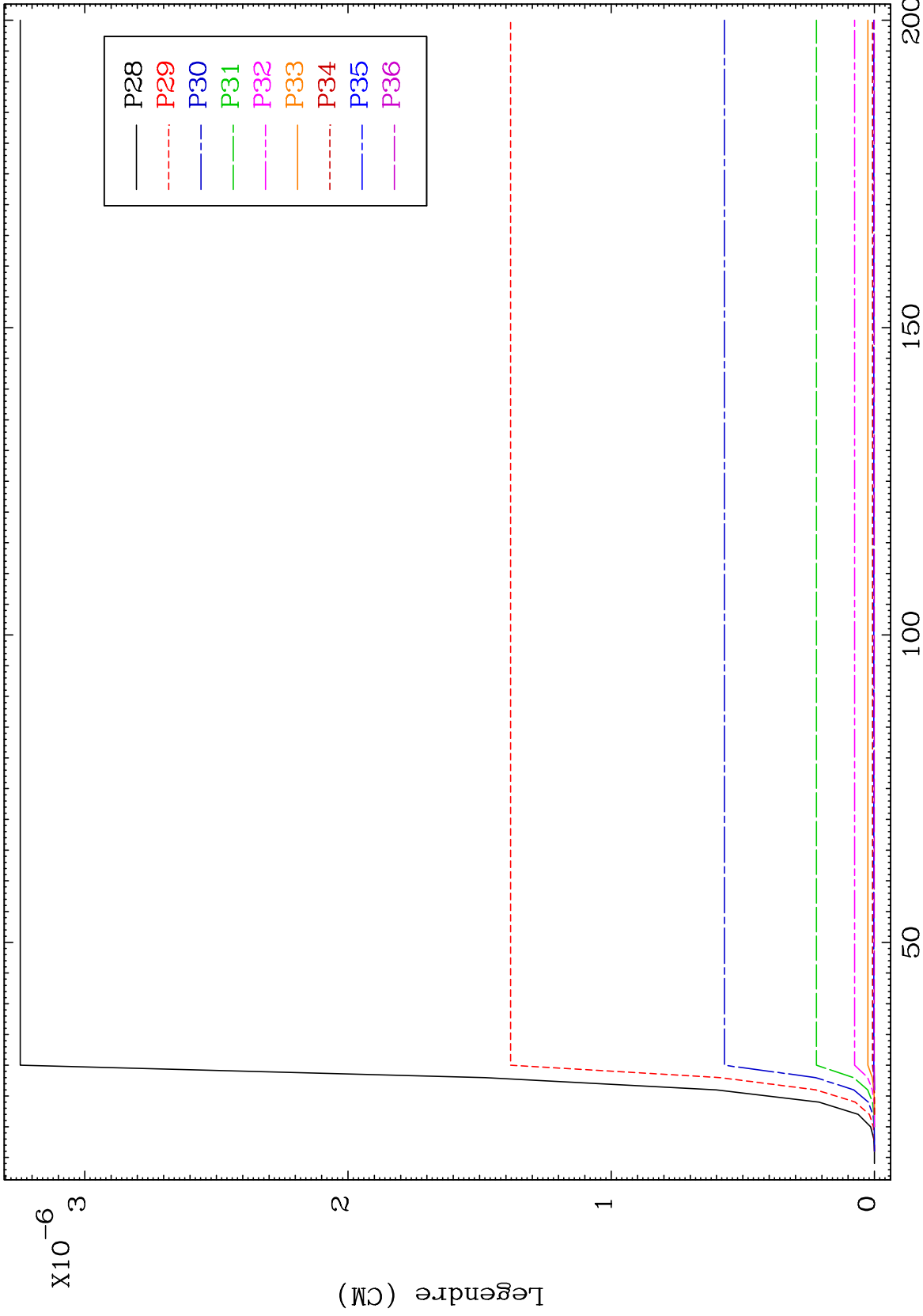
37

78-Pt-182

MAT 7801

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

78-Pt-182



38

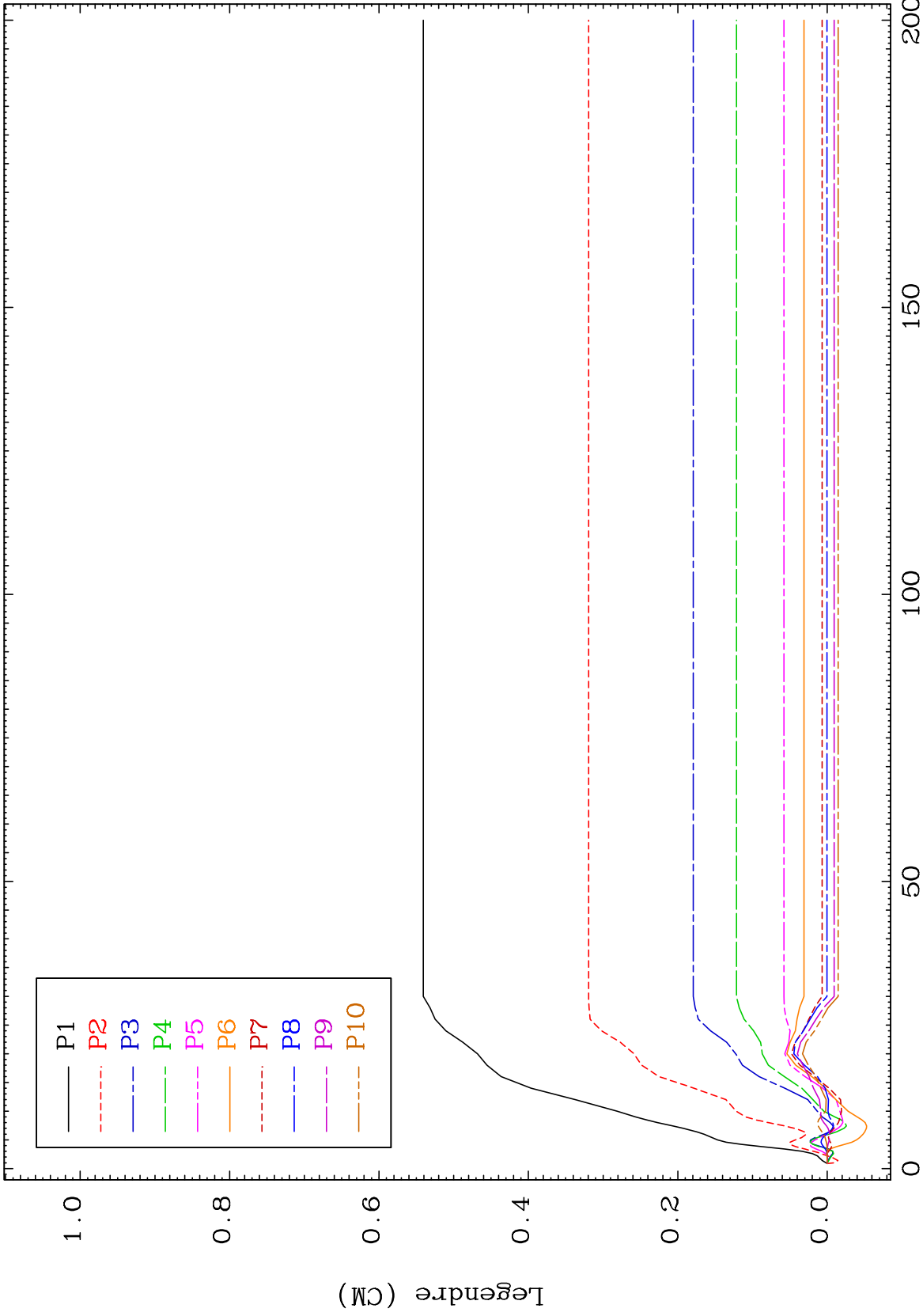
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



39

Incident Energy (MeV)

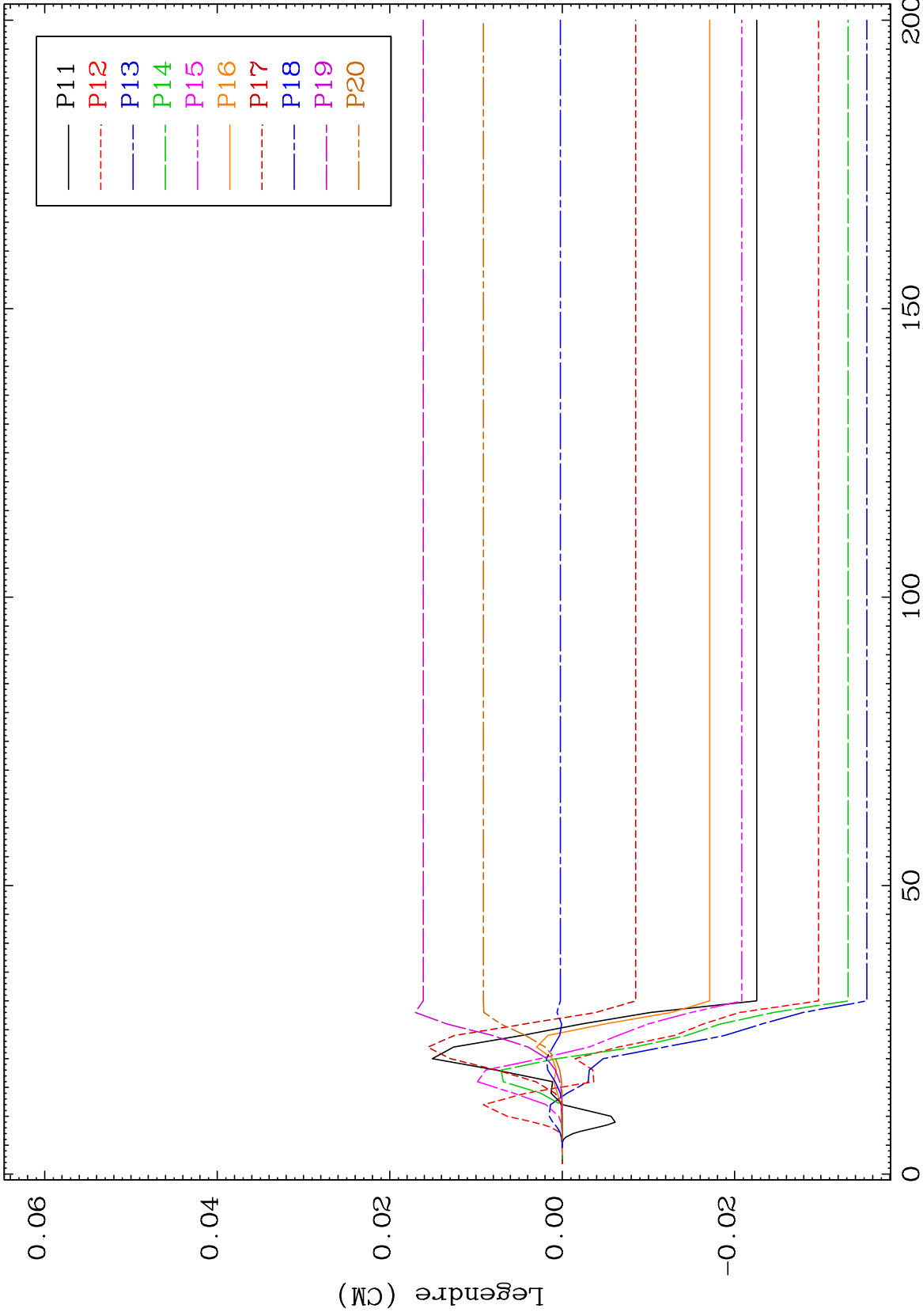
78-Pt-182



MAT 7801

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

78-Pt-182



40

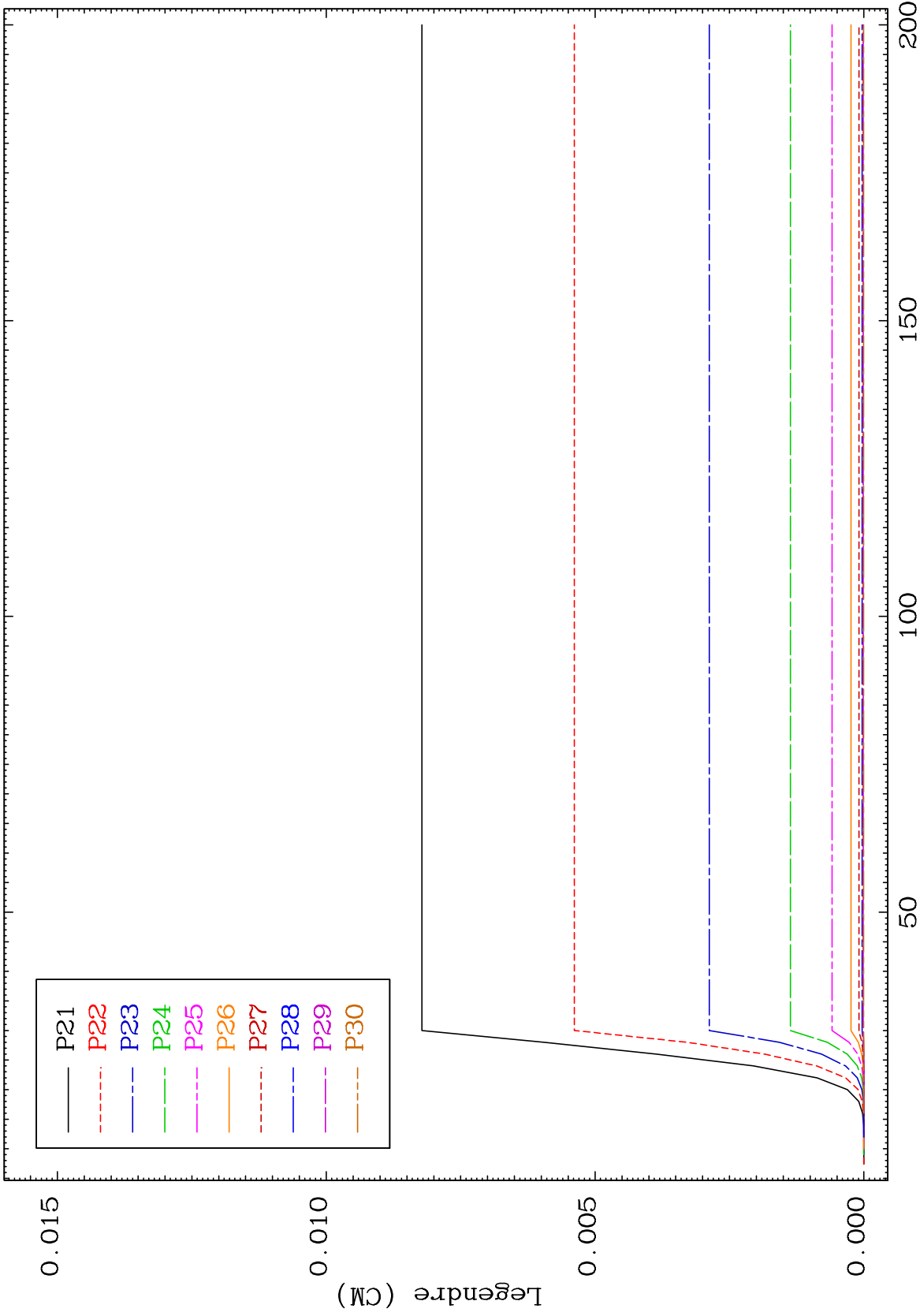
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

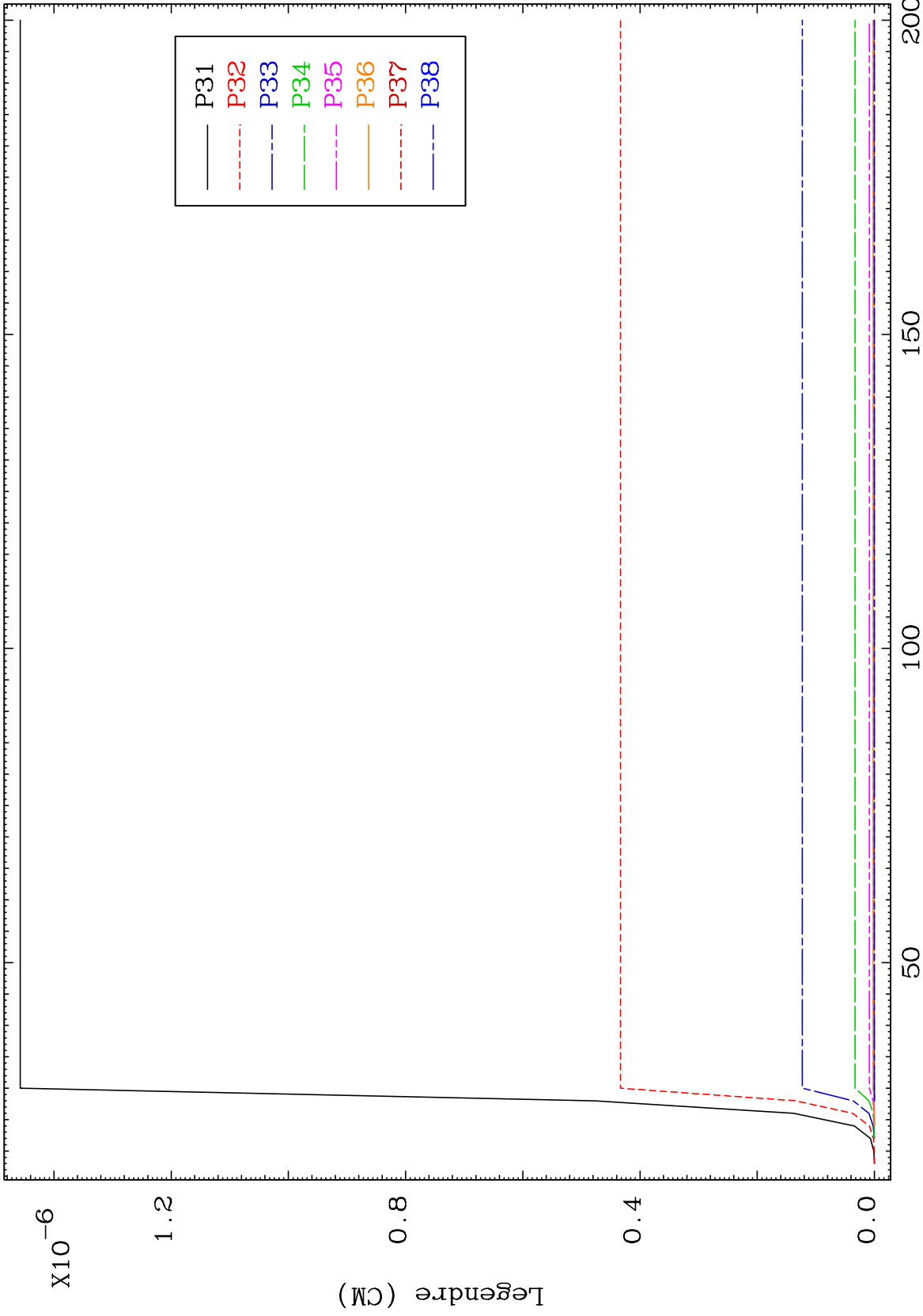
78-Pt-182



MAT 7801

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

78-Pt-182



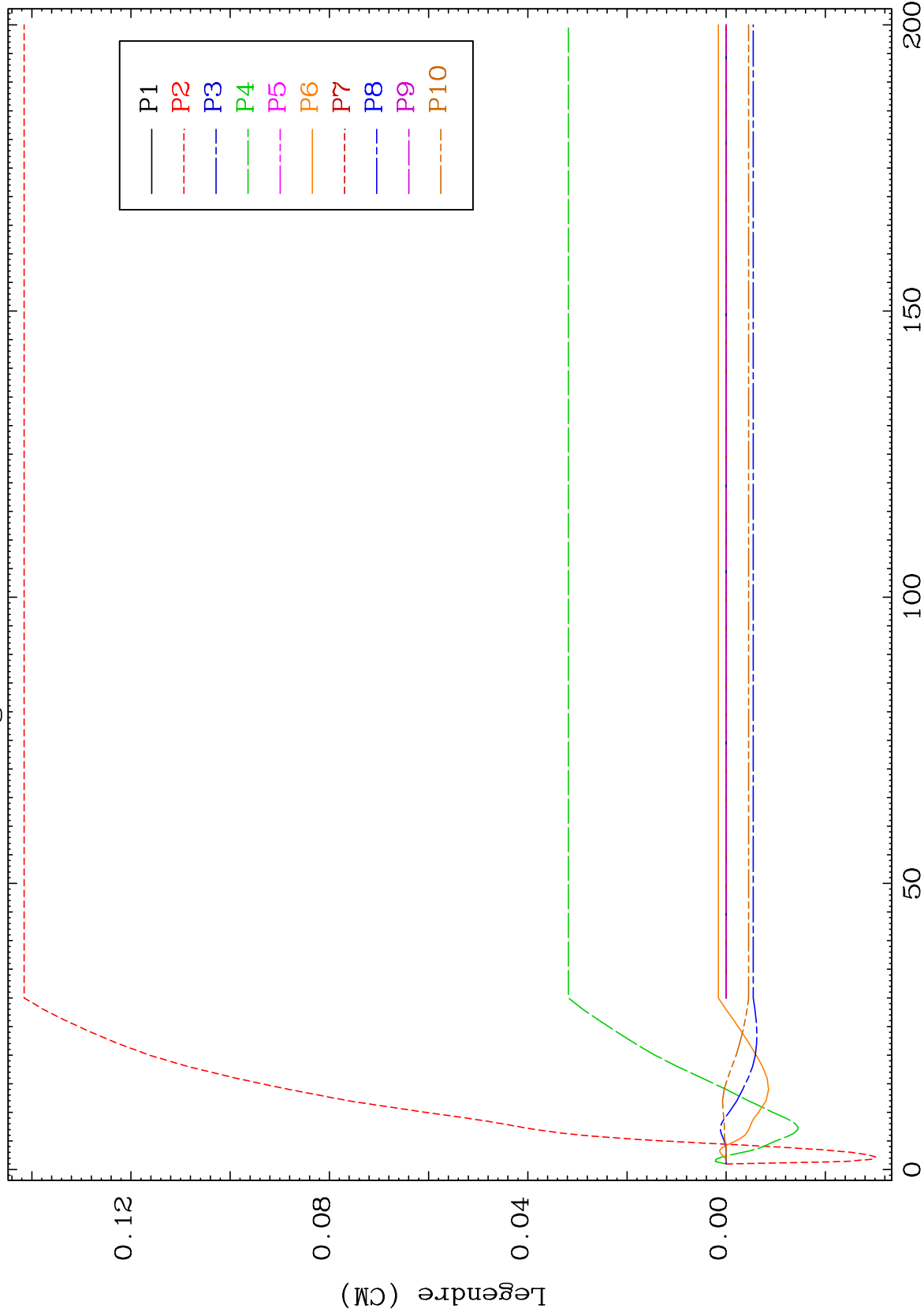
42

78-Pt-182

MAT 7801

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

78-Pt-182



43

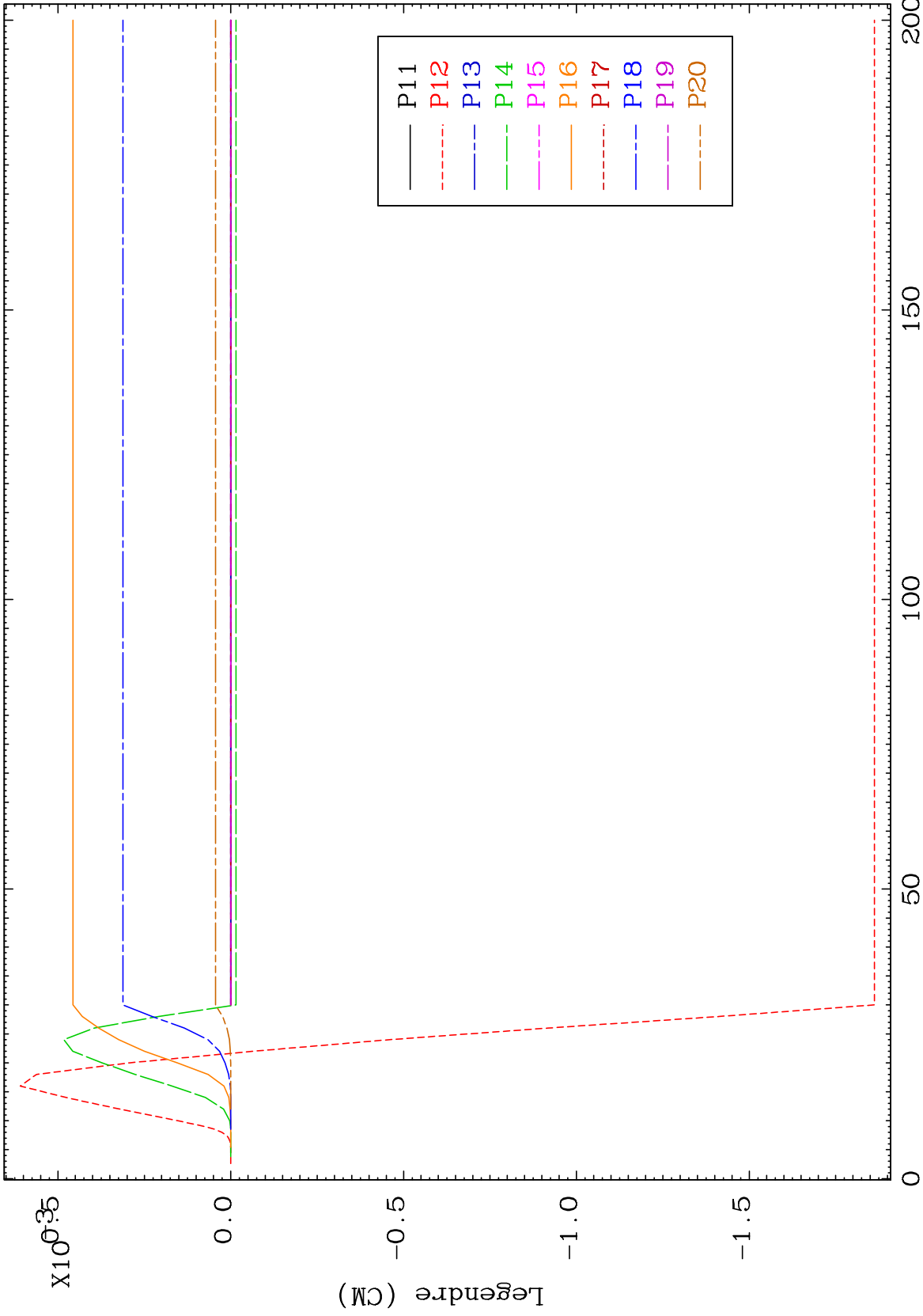
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182

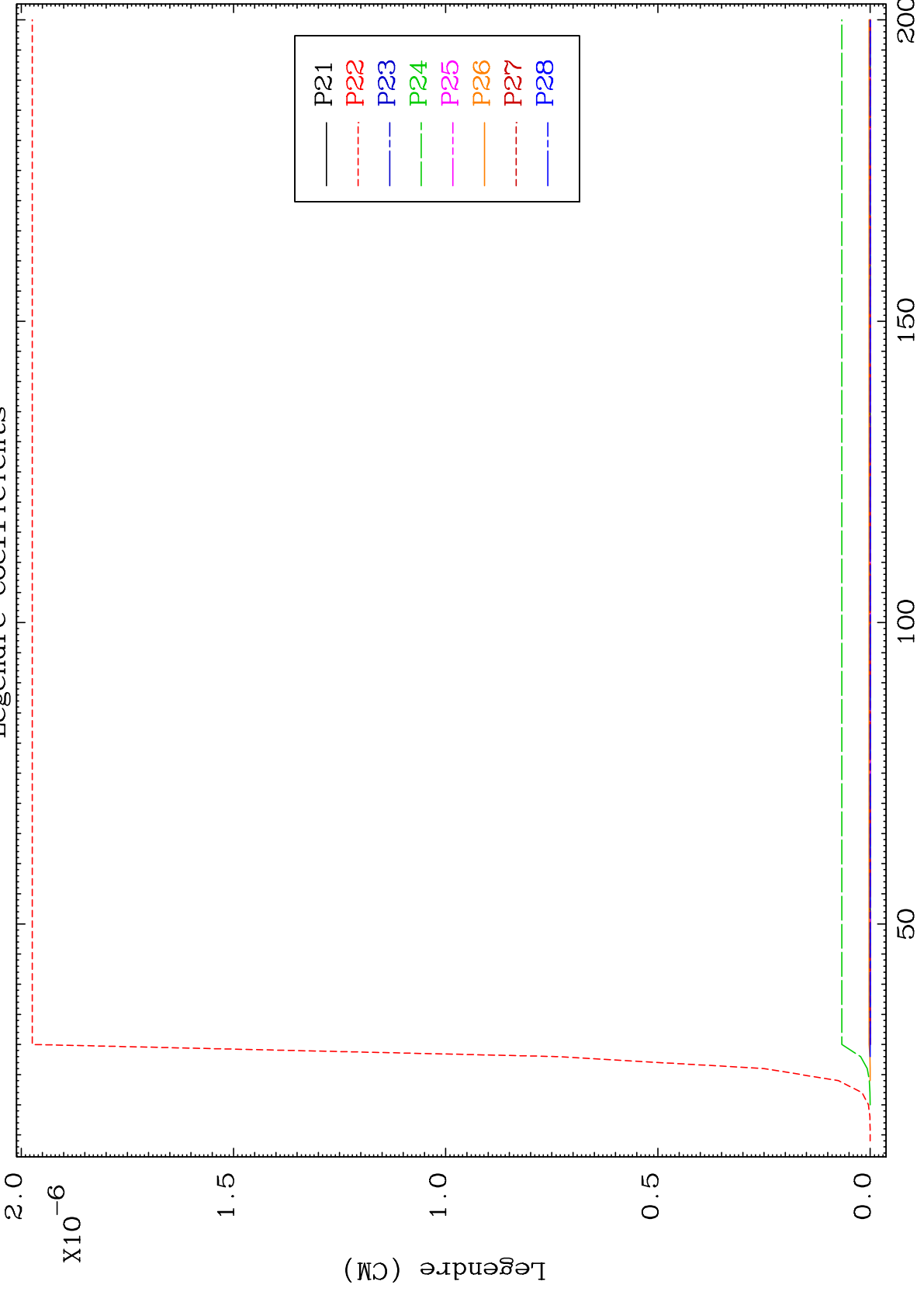


44

Incident Energy (MeV)

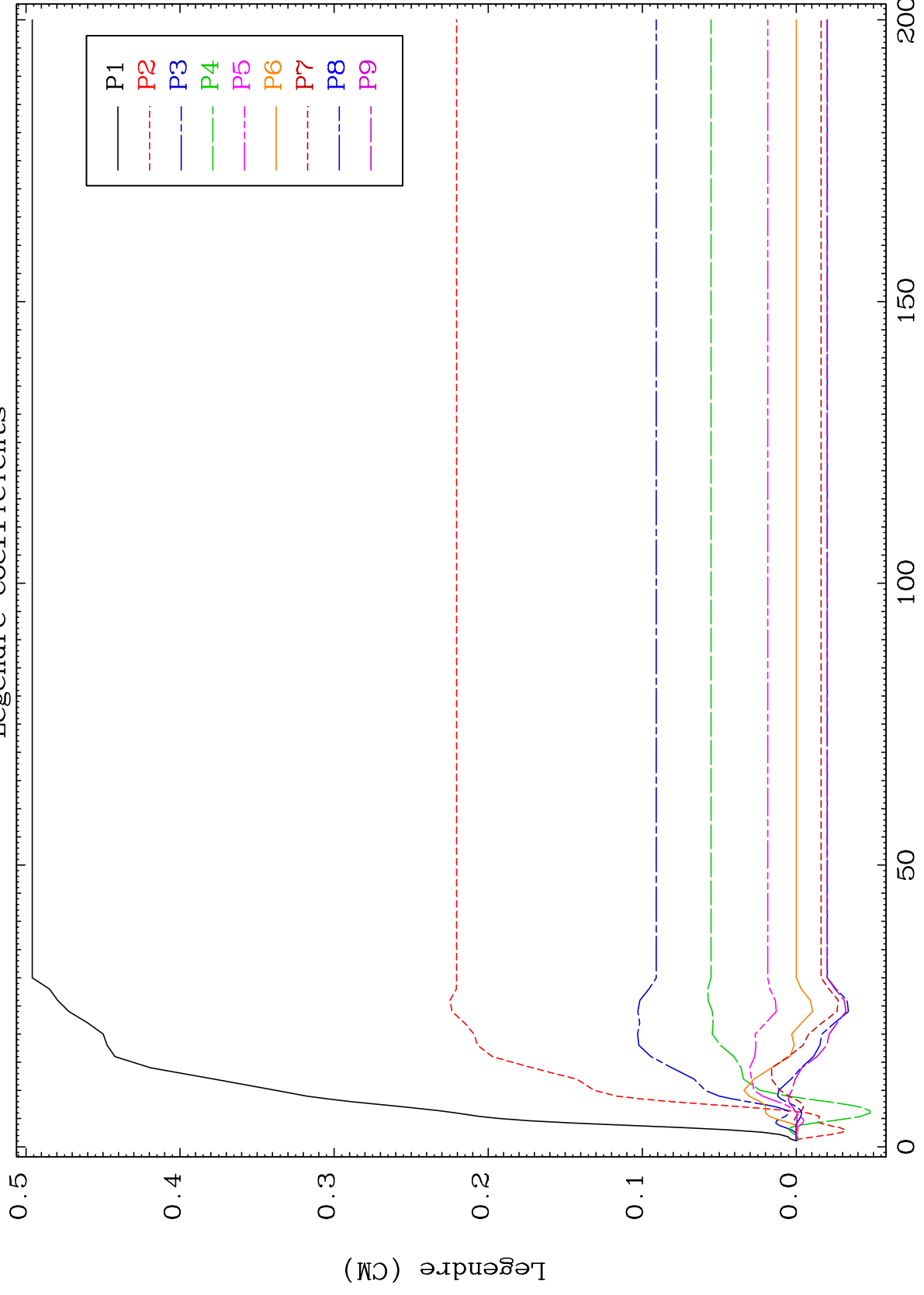
78-Pt-182

MAT 7801 MT= 57 (n,n') Level Legendre Coefficients 78-Pt-182



45 Incident Energy (MeV) 78-Pt-182

MAT 7801 MT= 58 (n,n') Level Legendre Coefficients 78-Pt-182

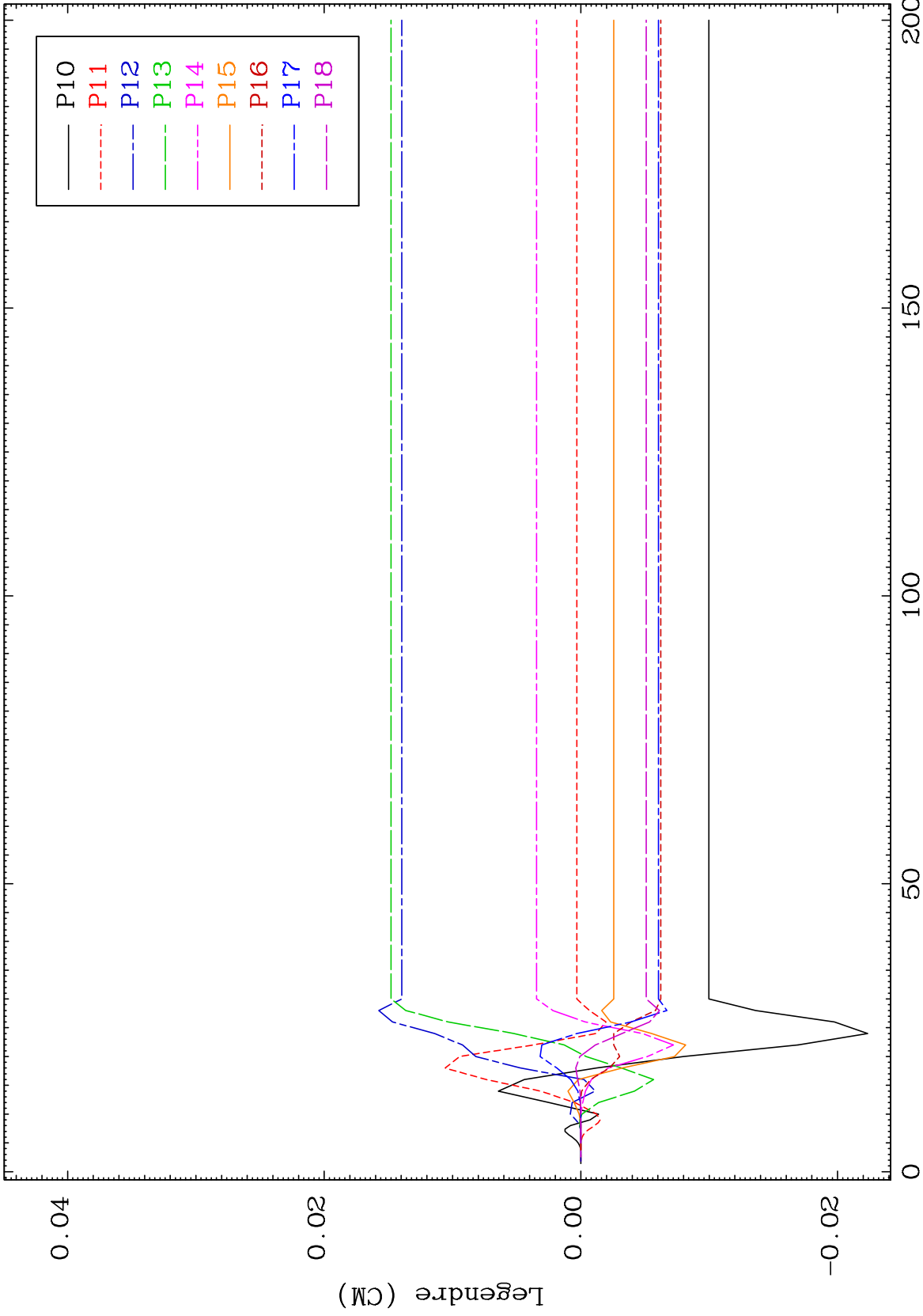


46 78-Pt-182

MAT 7801

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

78-Pt-182



47

Incident Energy (MeV)

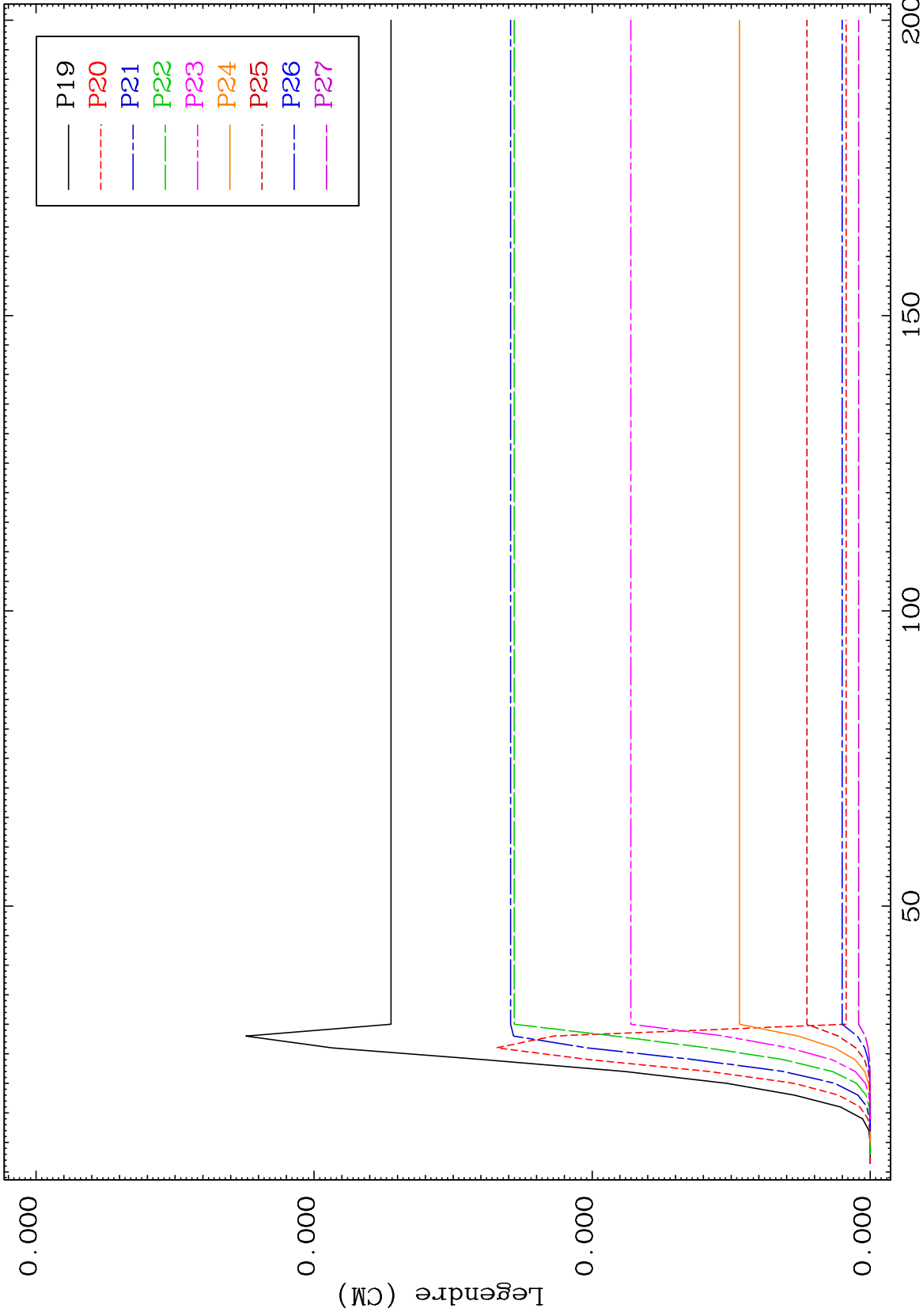
78-Pt-182



MAT 7801

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

78-Pt-182



48

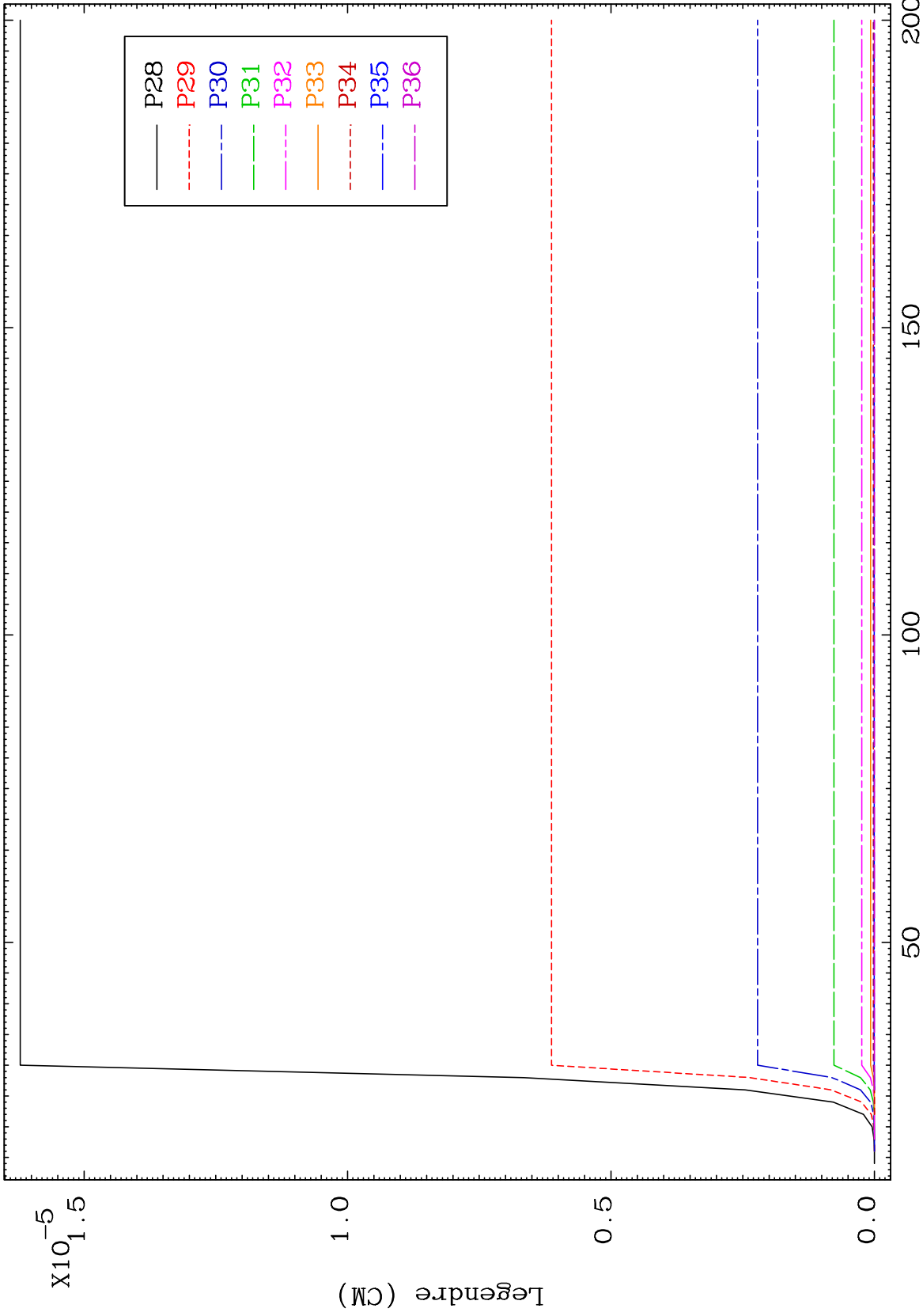
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182

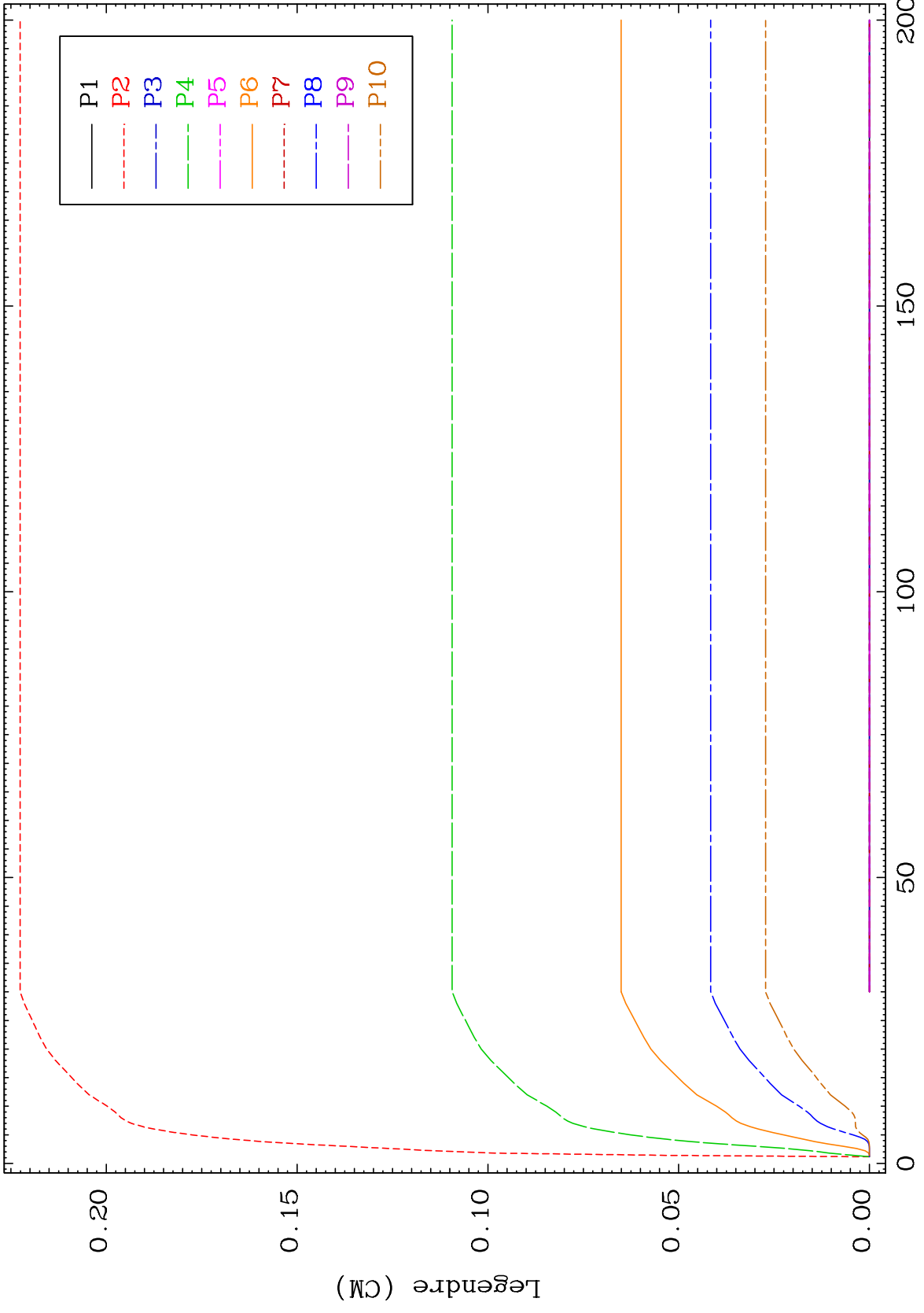


49

Incident Energy (MeV)

78-Pt-182

MAT 7801 MT= 59 (n,n') Level Legendre Coefficients 78-Pt-182

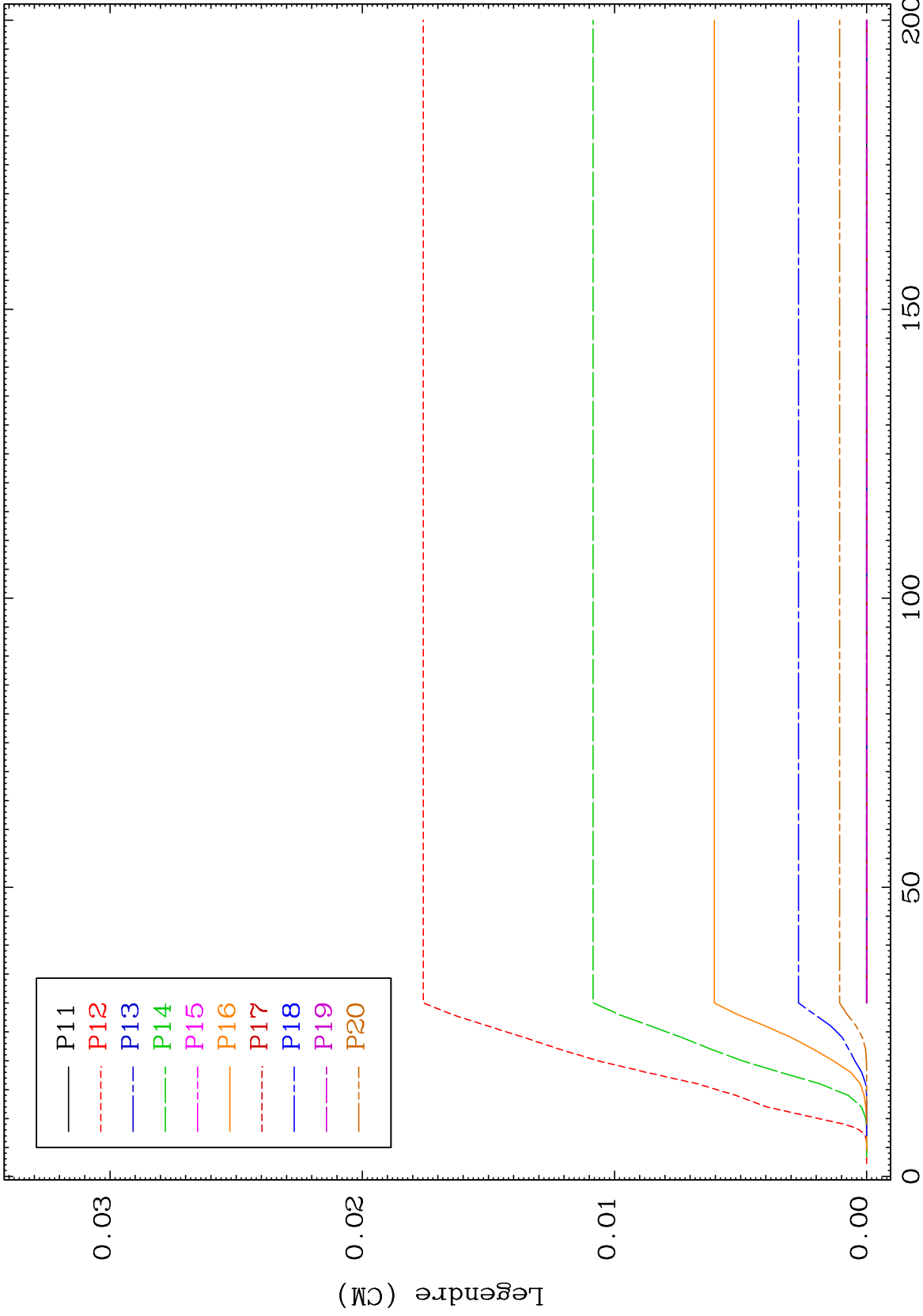


78-Pt-182 Incident Energy (MeV)

MAT 7801

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

78-Pt-182

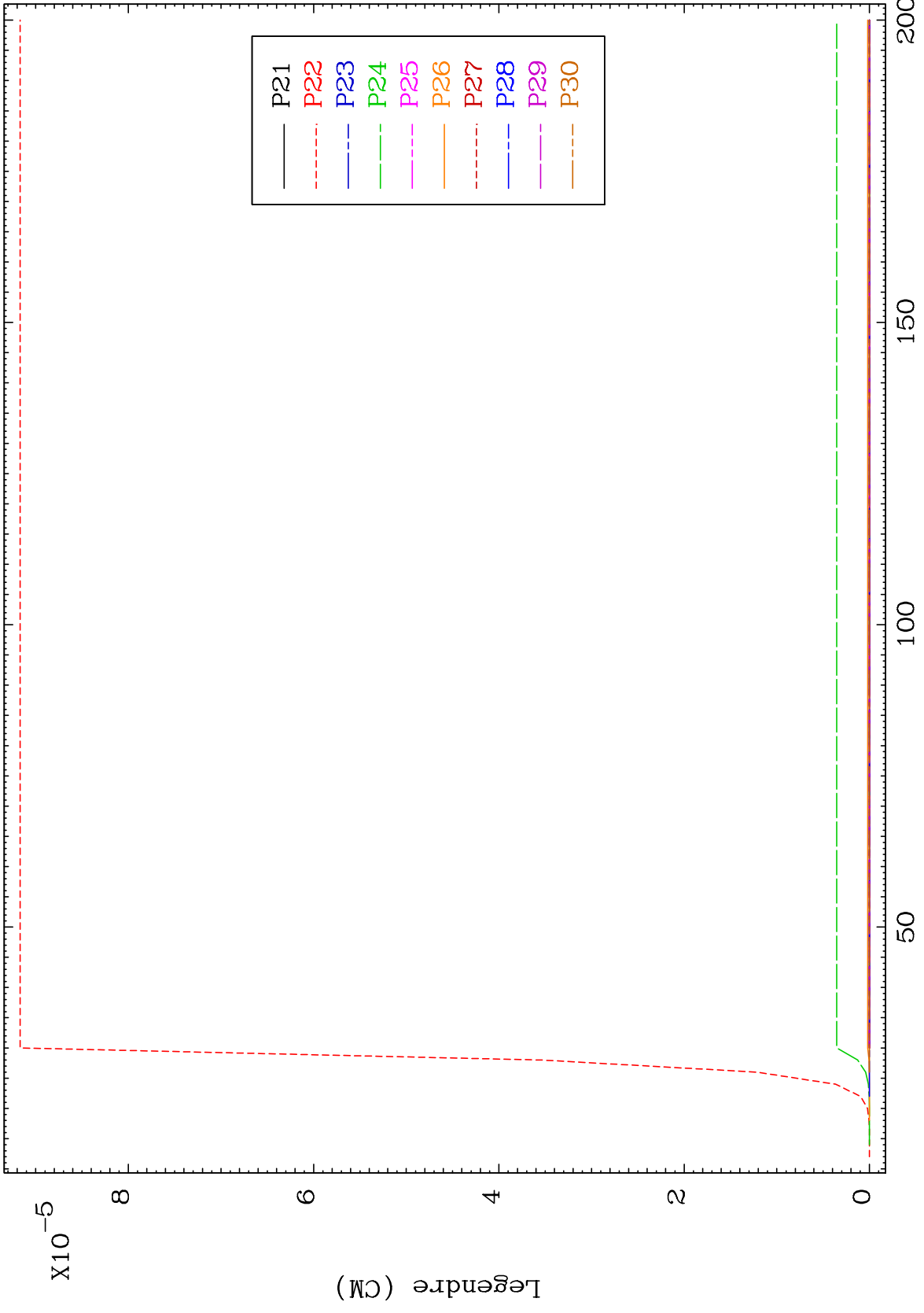


51

Incident Energy (MeV)

78-Pt-182

MAT 7801 MT= 59 (n,n') Level Legendre Coefficients 78-Pt-182

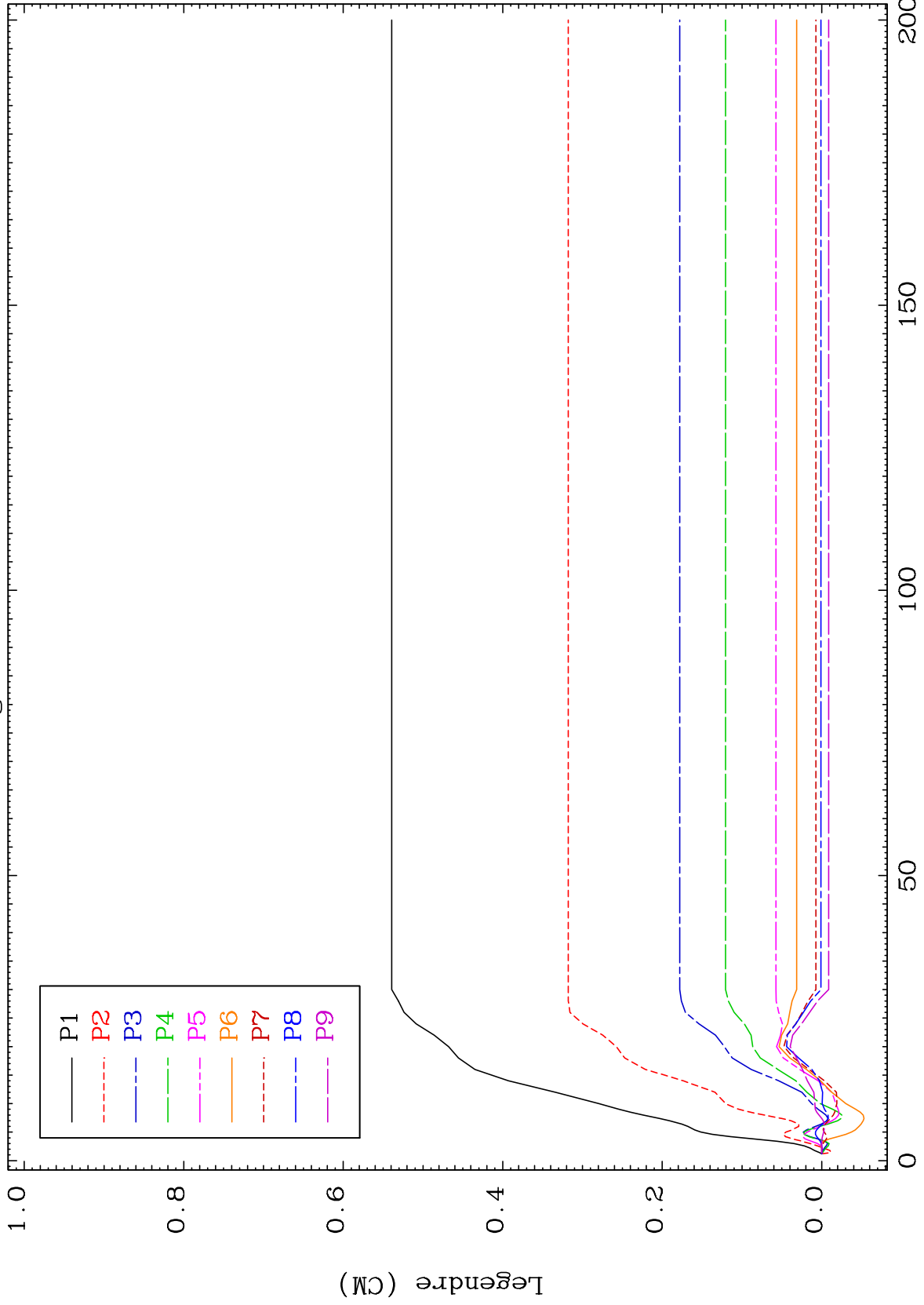


52 Incident Energy (MeV) 78-Pt-182

MAT 7801

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

78-Pt-182

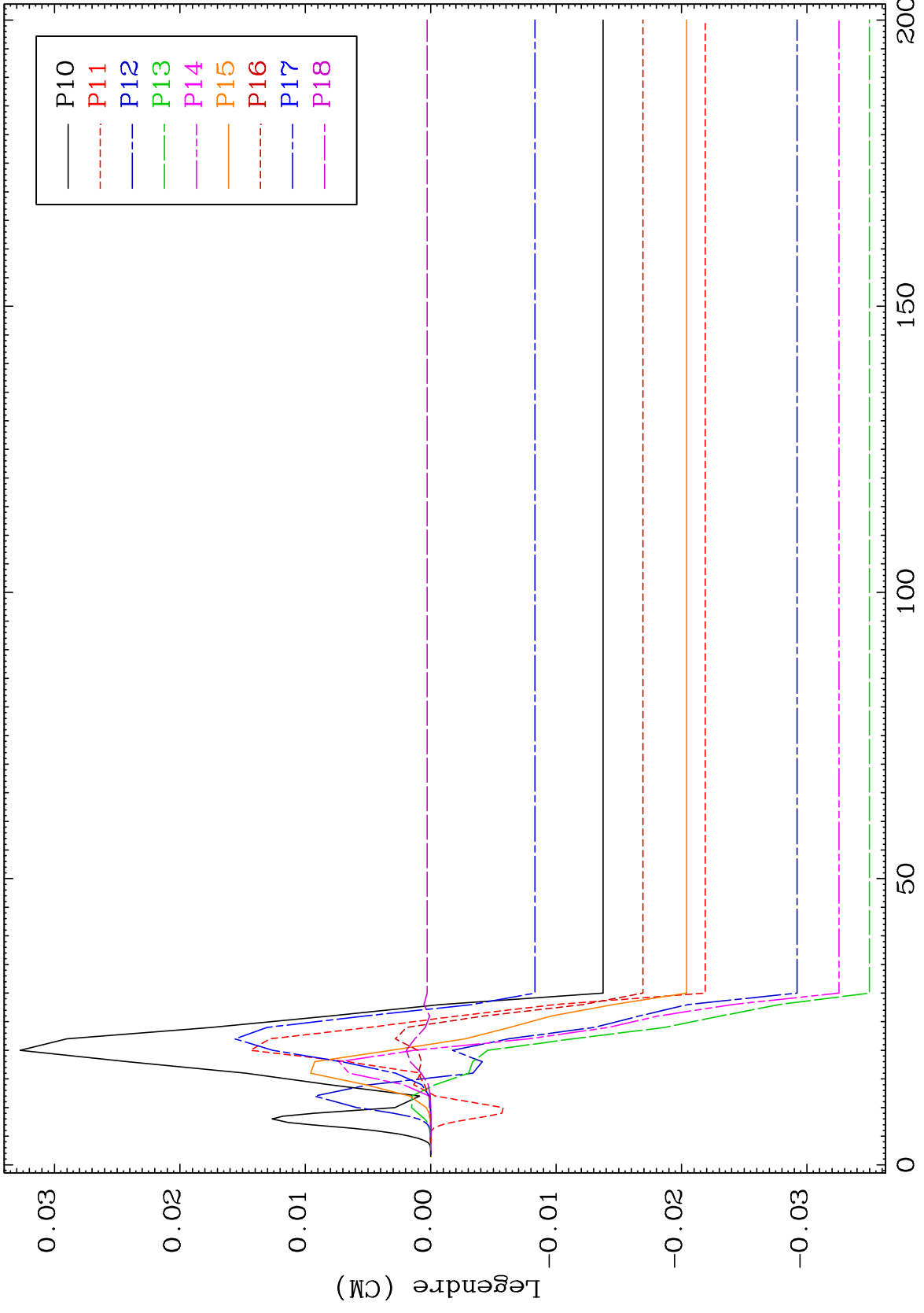


53

Incident Energy (MeV)

78-Pt-182

MAT 7801 MT= 60 (n,n') Level Legendre Coefficients 78-Pt-182

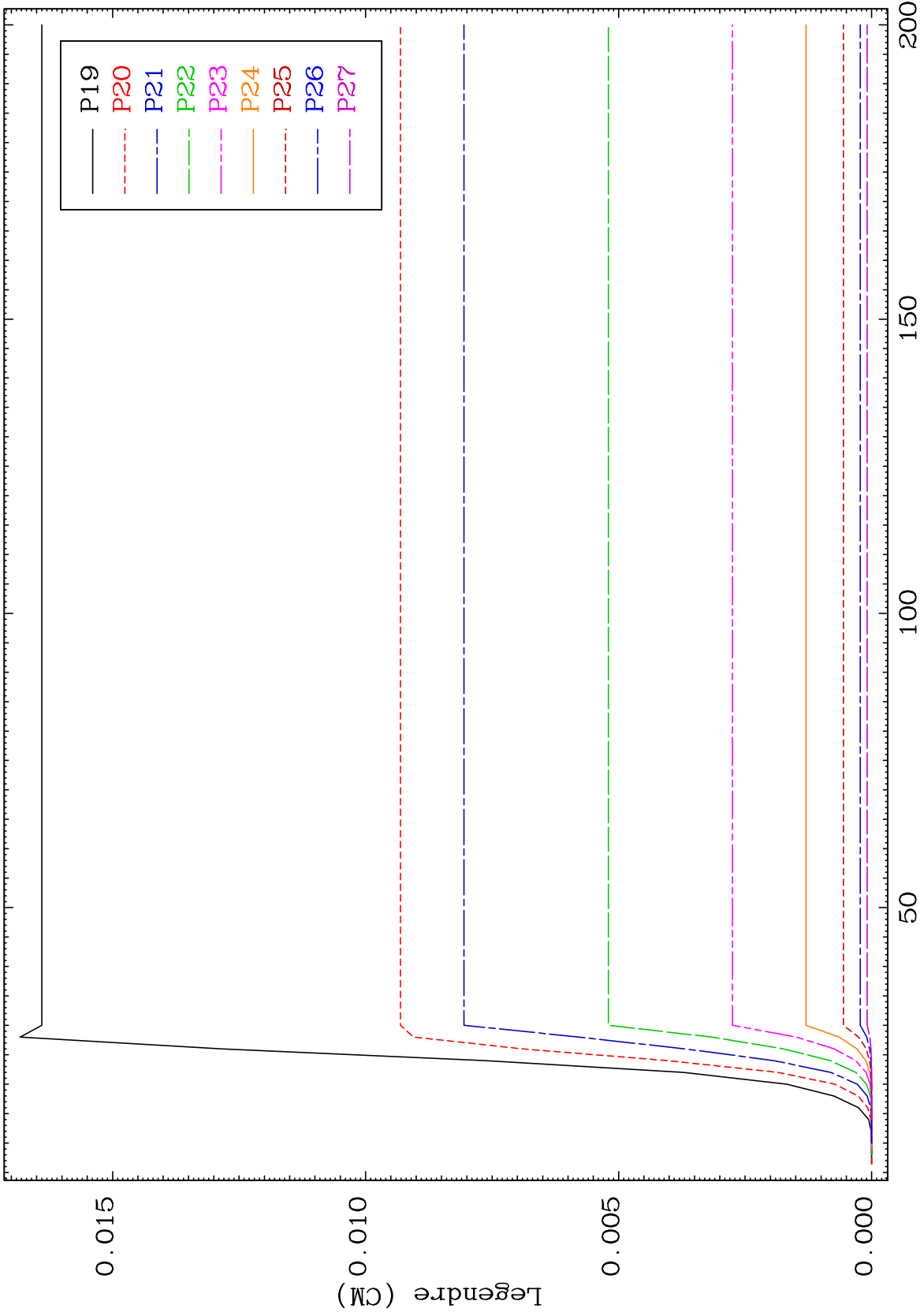


54 78-Pt-182

MAT 7801

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

78-Pt-182



55

Incident Energy (MeV)

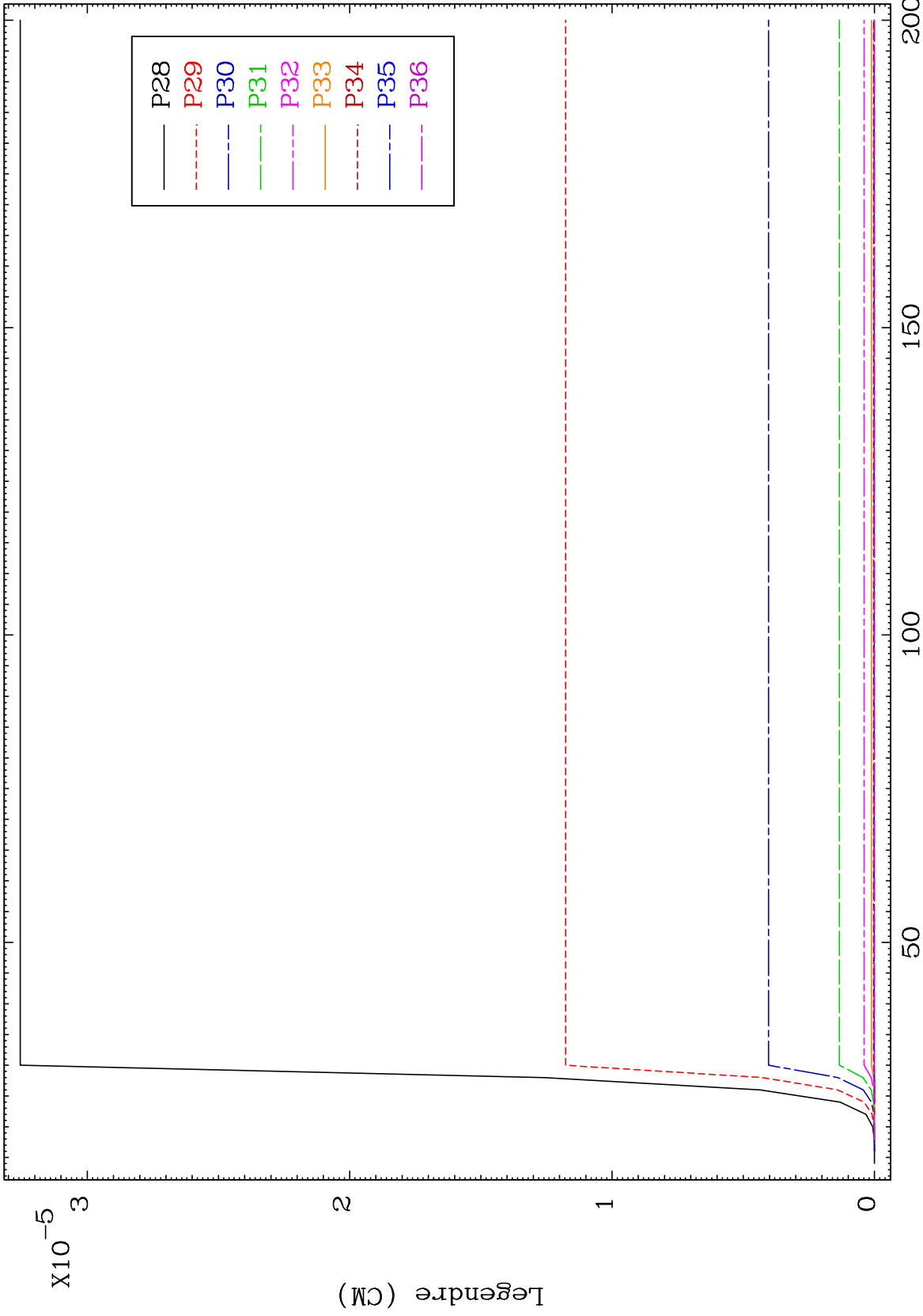
78-Pt-182



MAT 7801

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

78-Pt-182



56

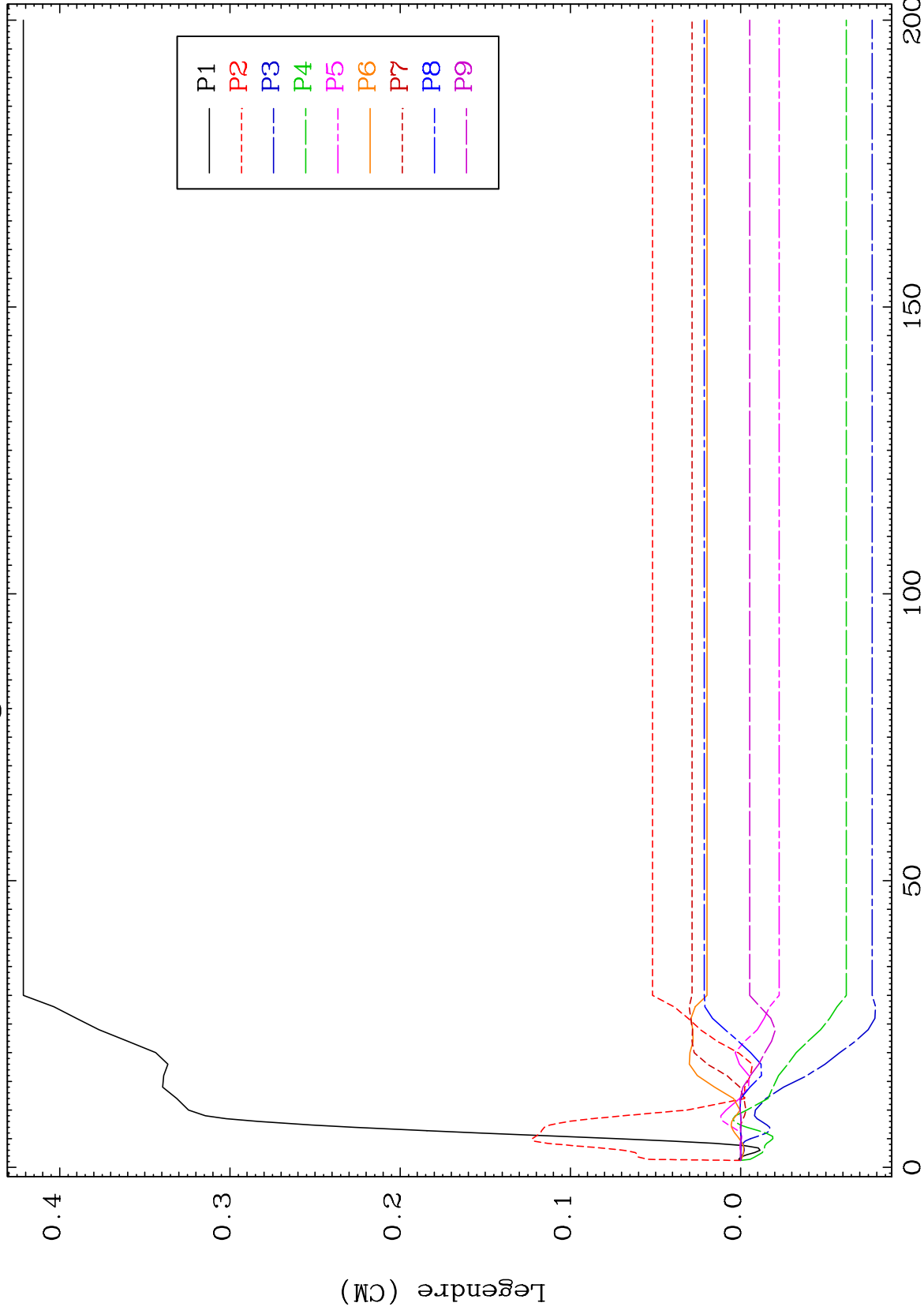
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



57

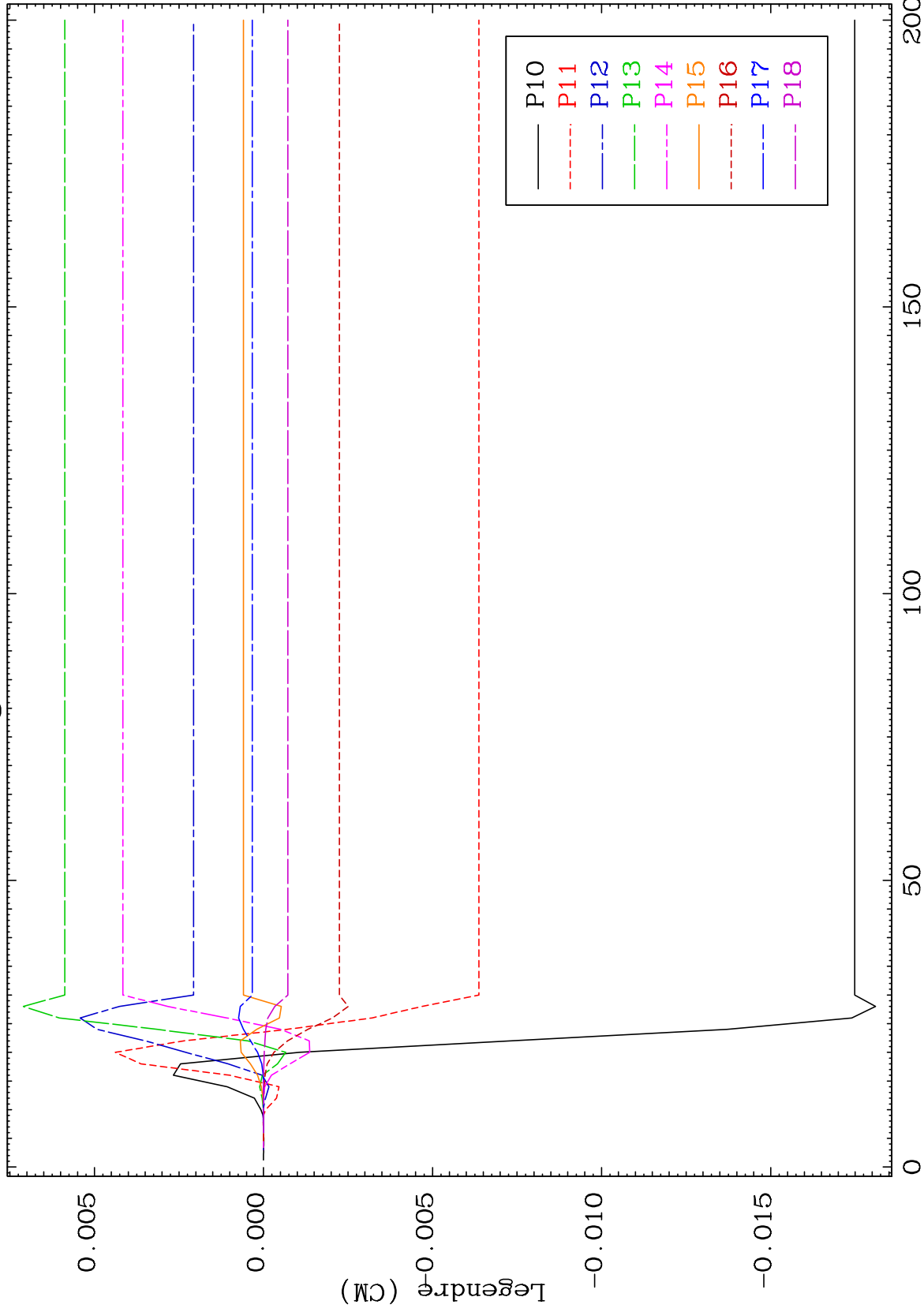
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



58

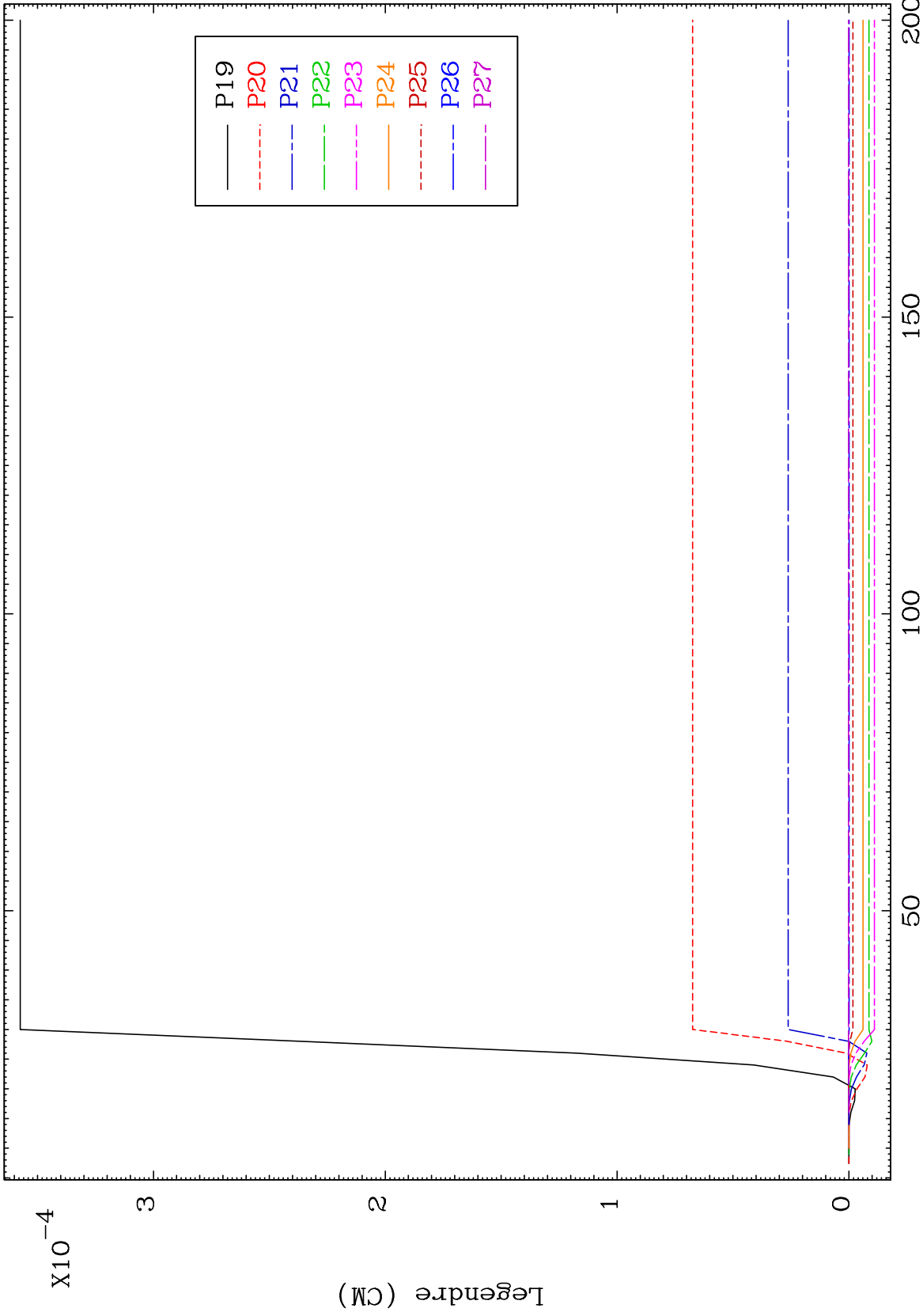
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



59

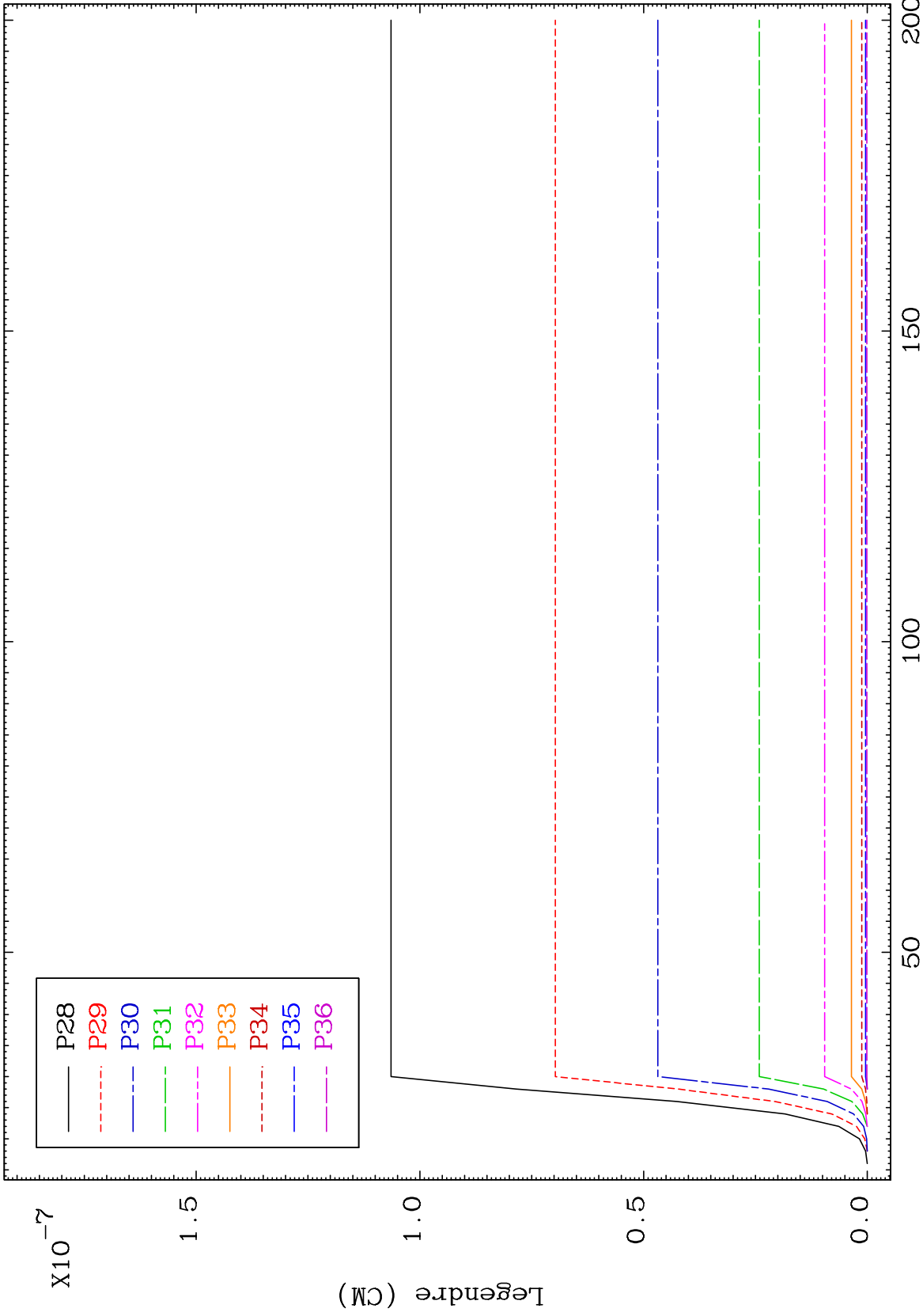
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182

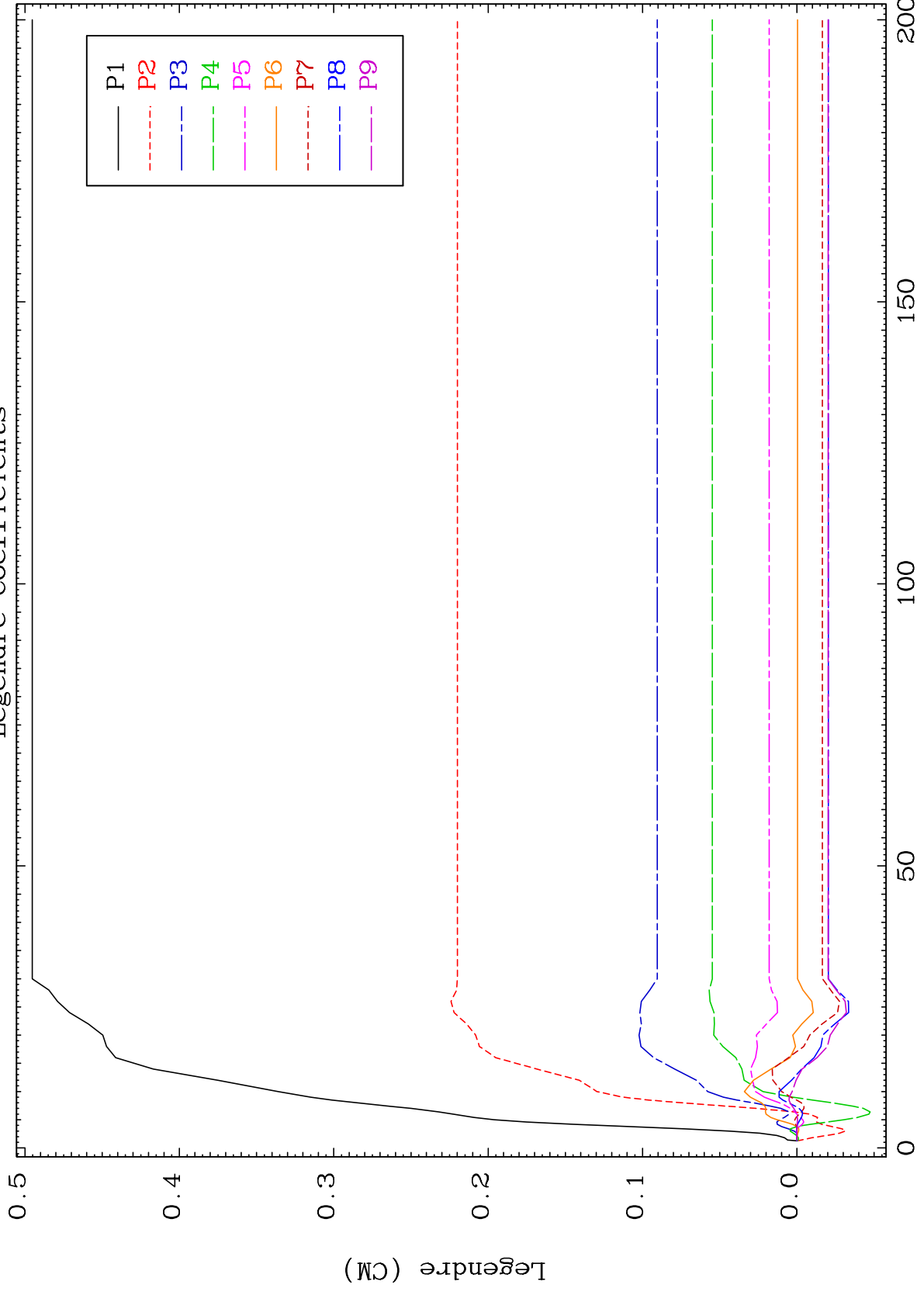


60

Incident Energy (MeV)

78-Pt-182

MAT 7801 MT= 62 (n,n') Level Legendre Coefficients 78-Pt-182

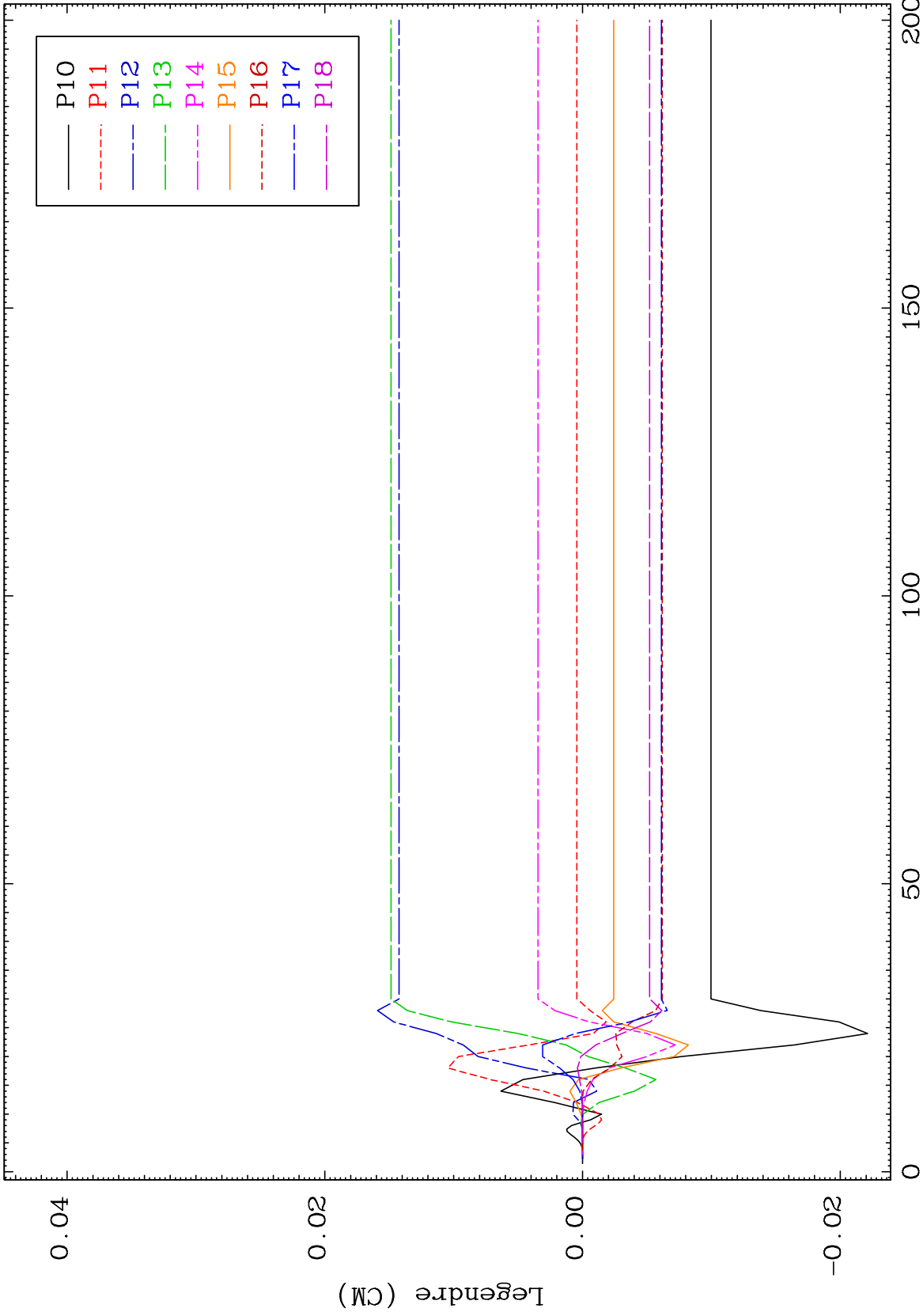


61 78-Pt-182

MAT 7801

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

78-Pt-182



62

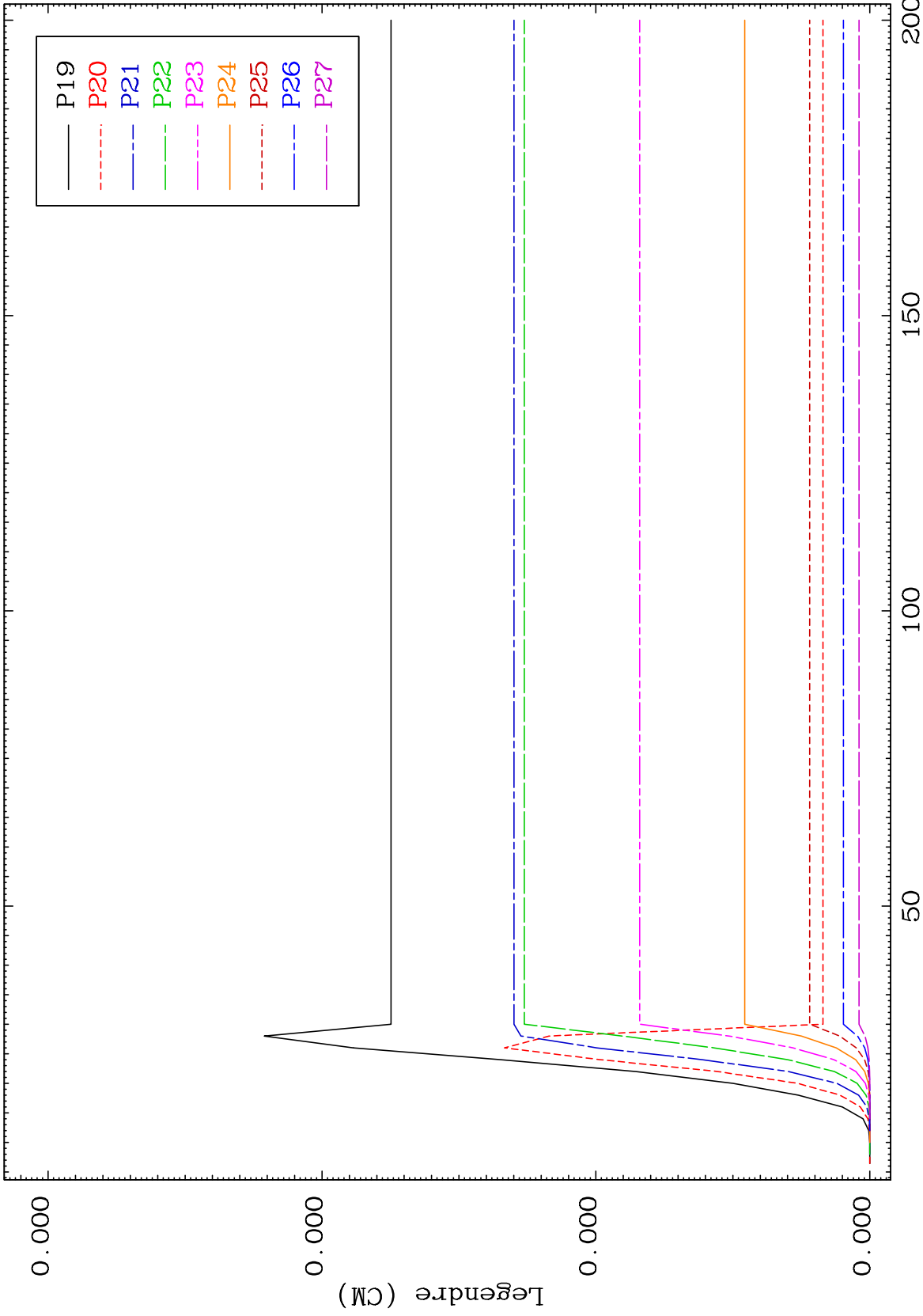
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



63

Incident Energy (MeV)

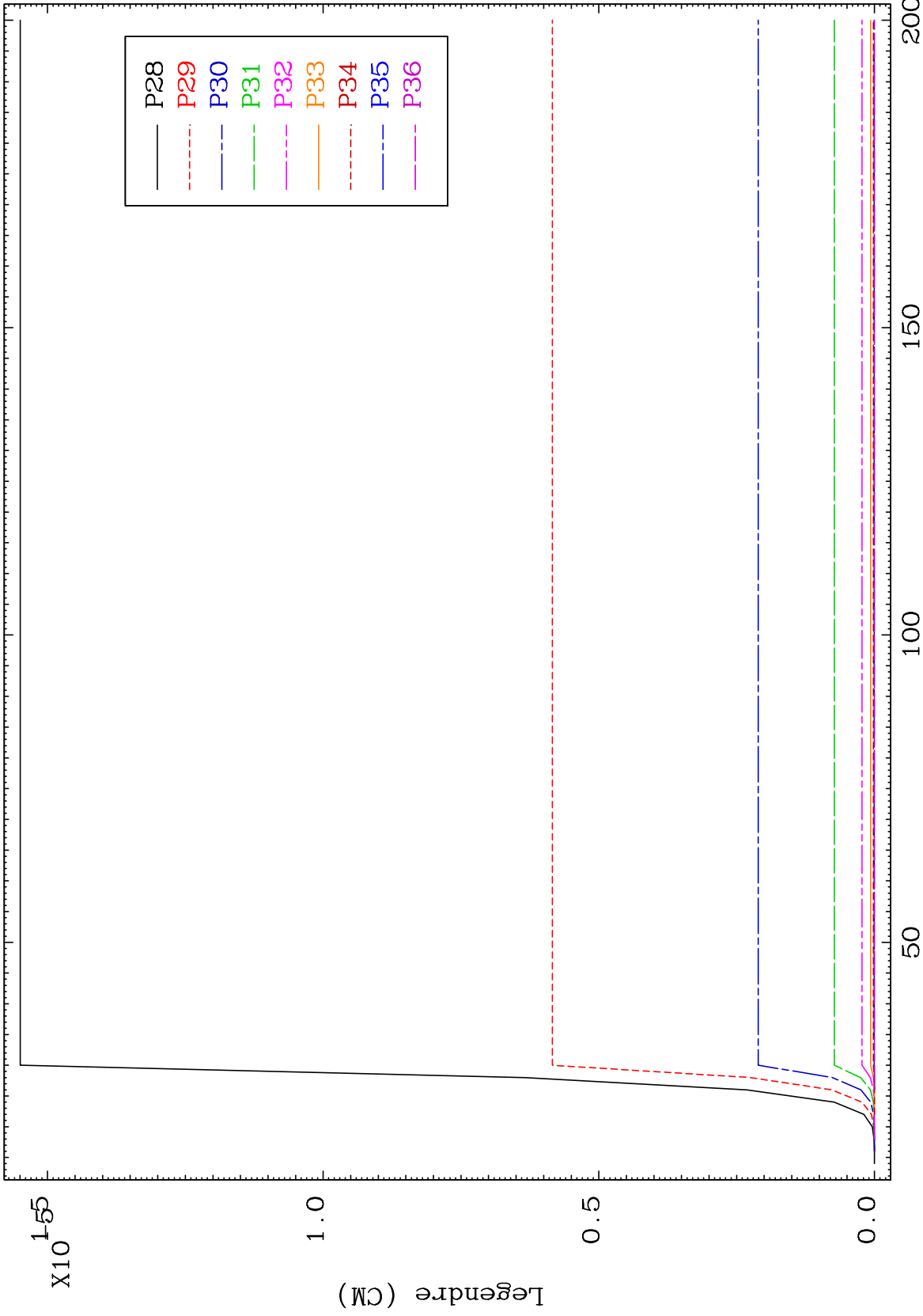
78-Pt-182



MAT 7801

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

78-Pt-182



64

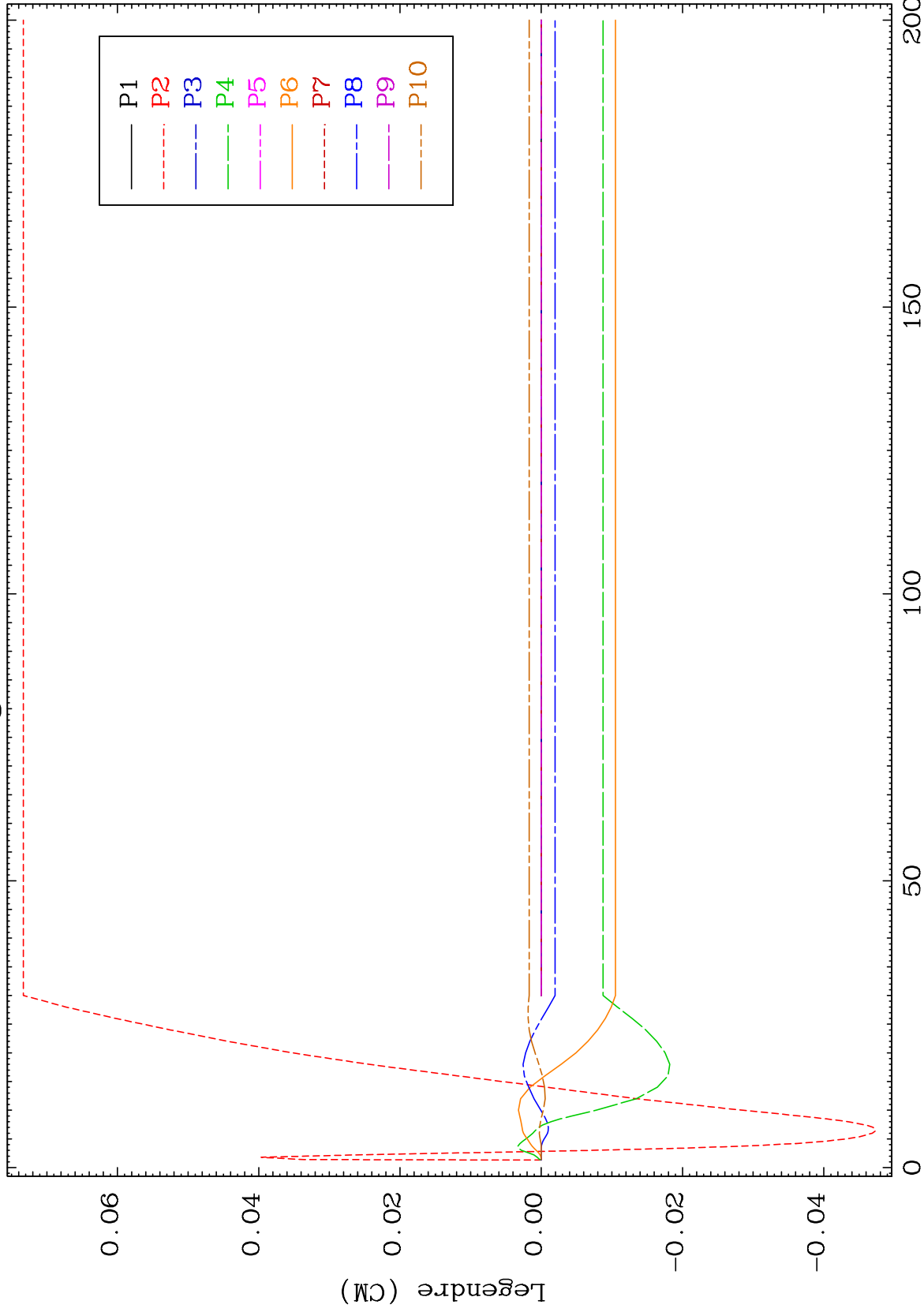
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



65

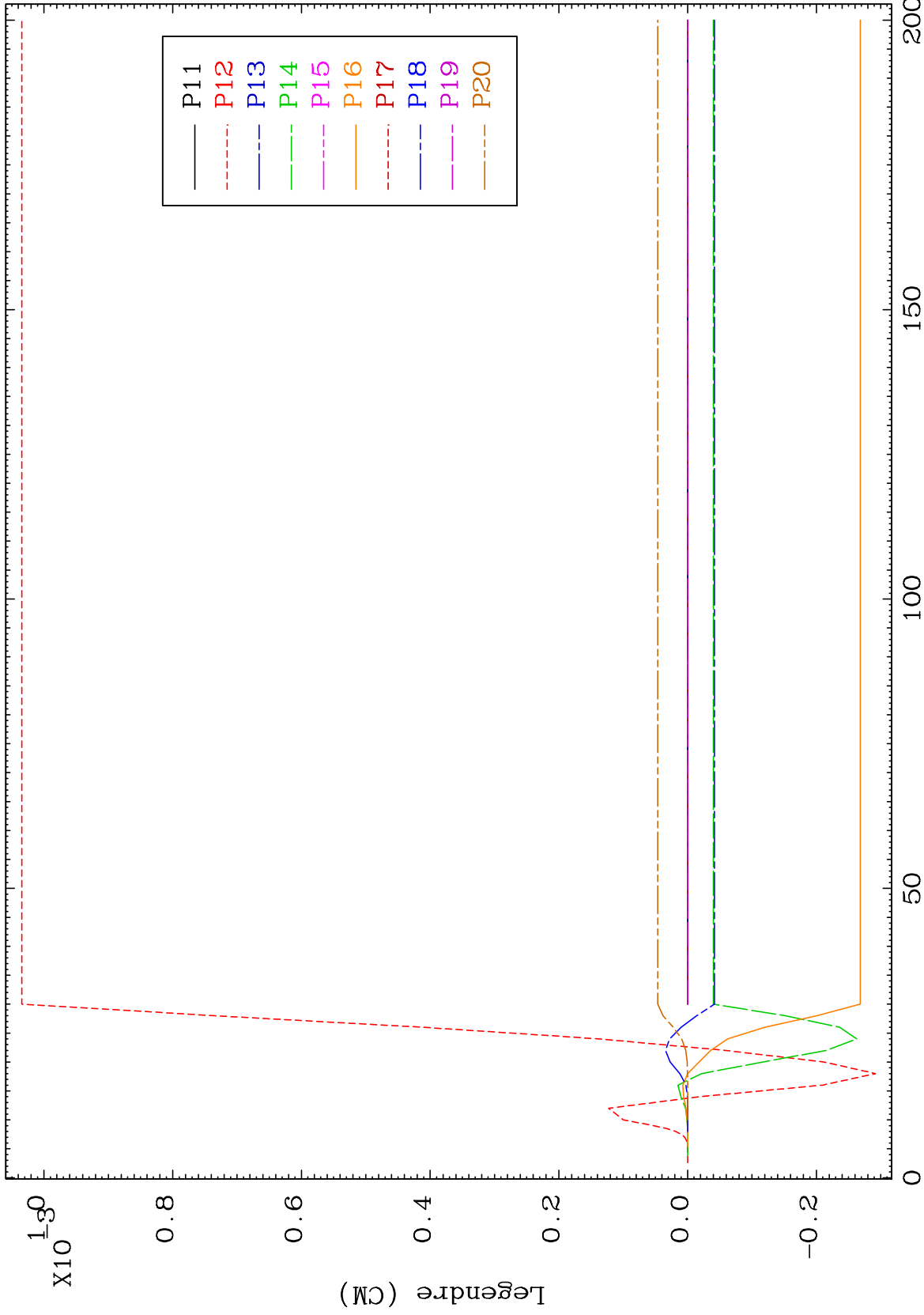
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



66

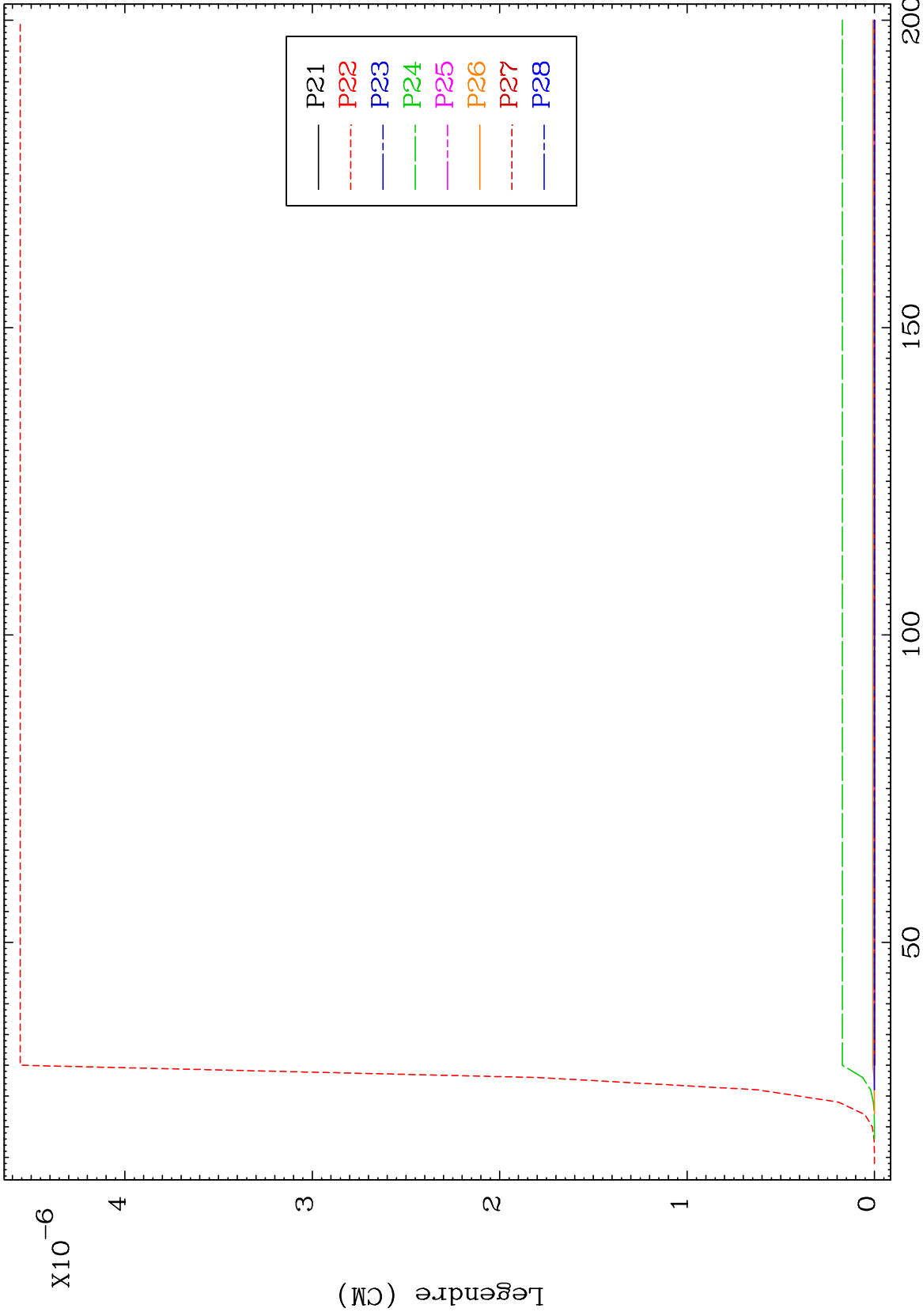
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



67

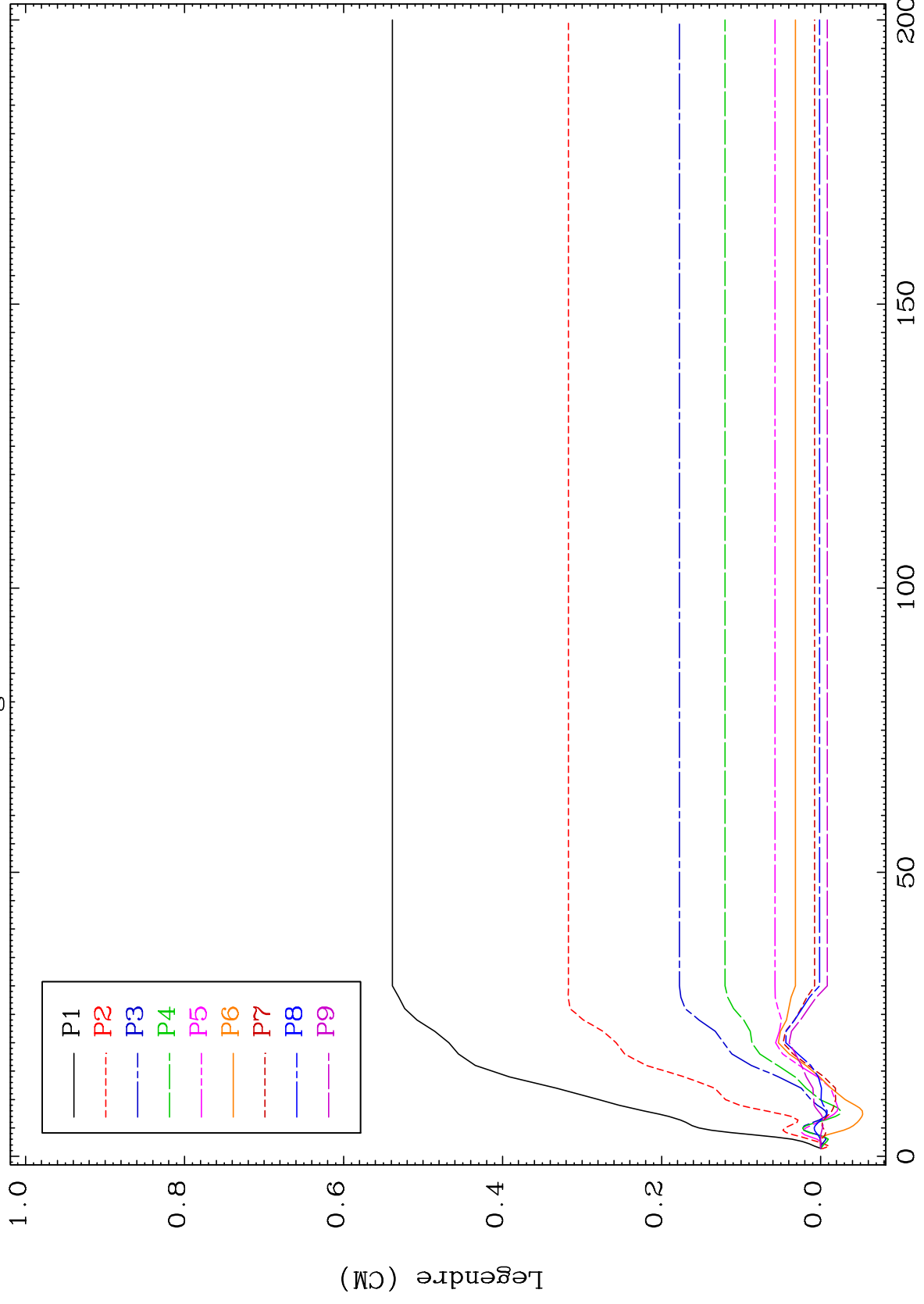
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



68

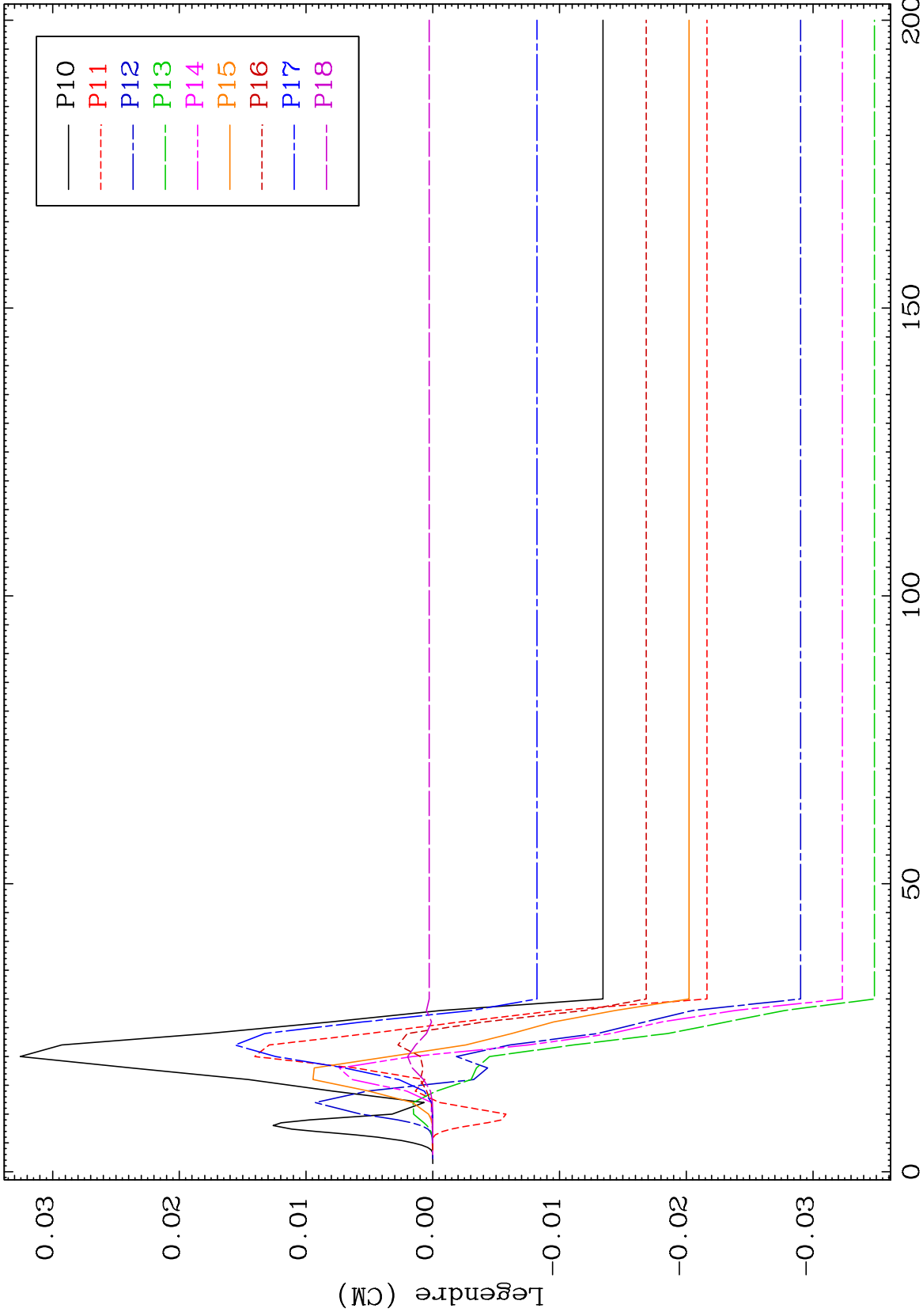
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



69

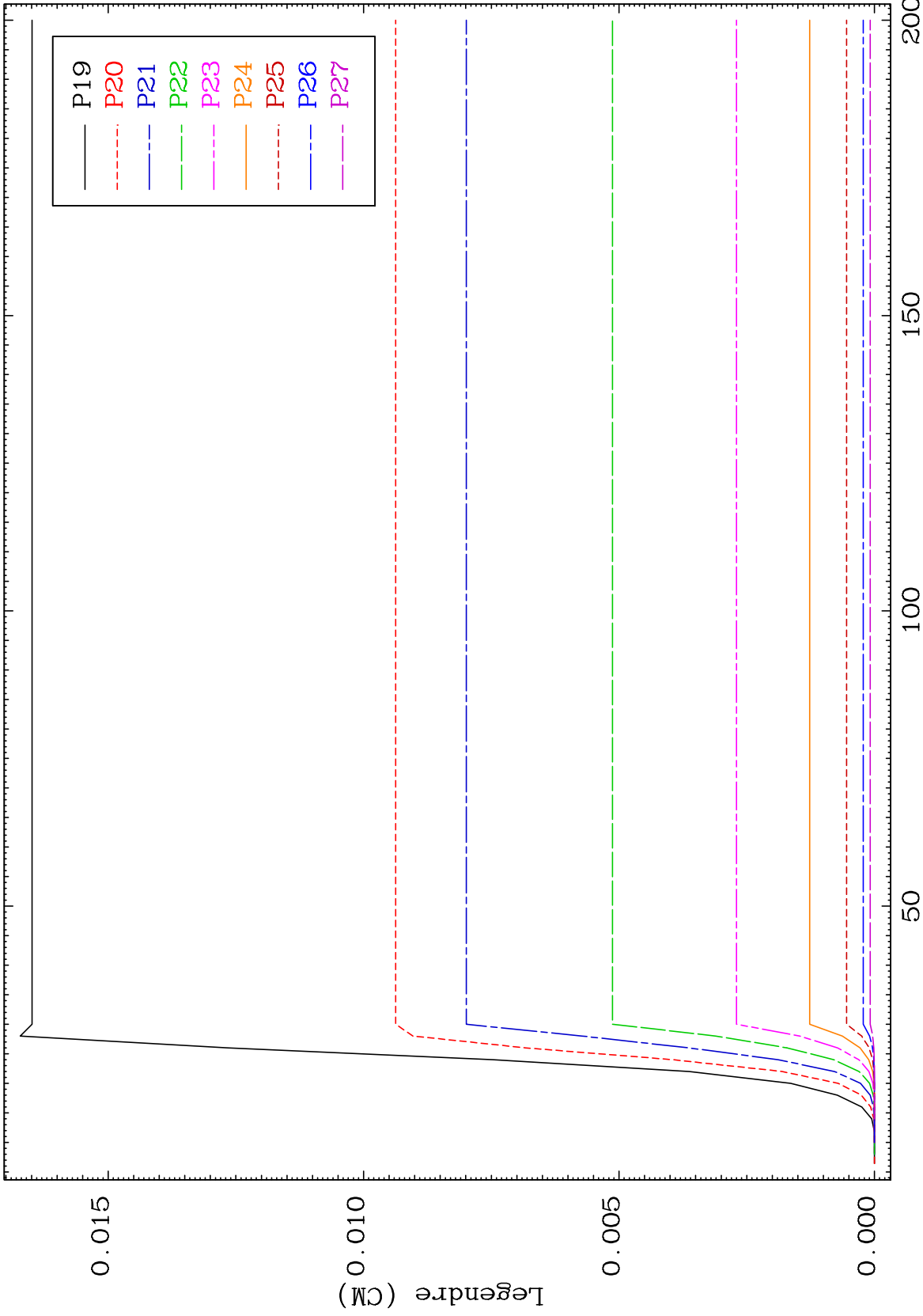
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



70

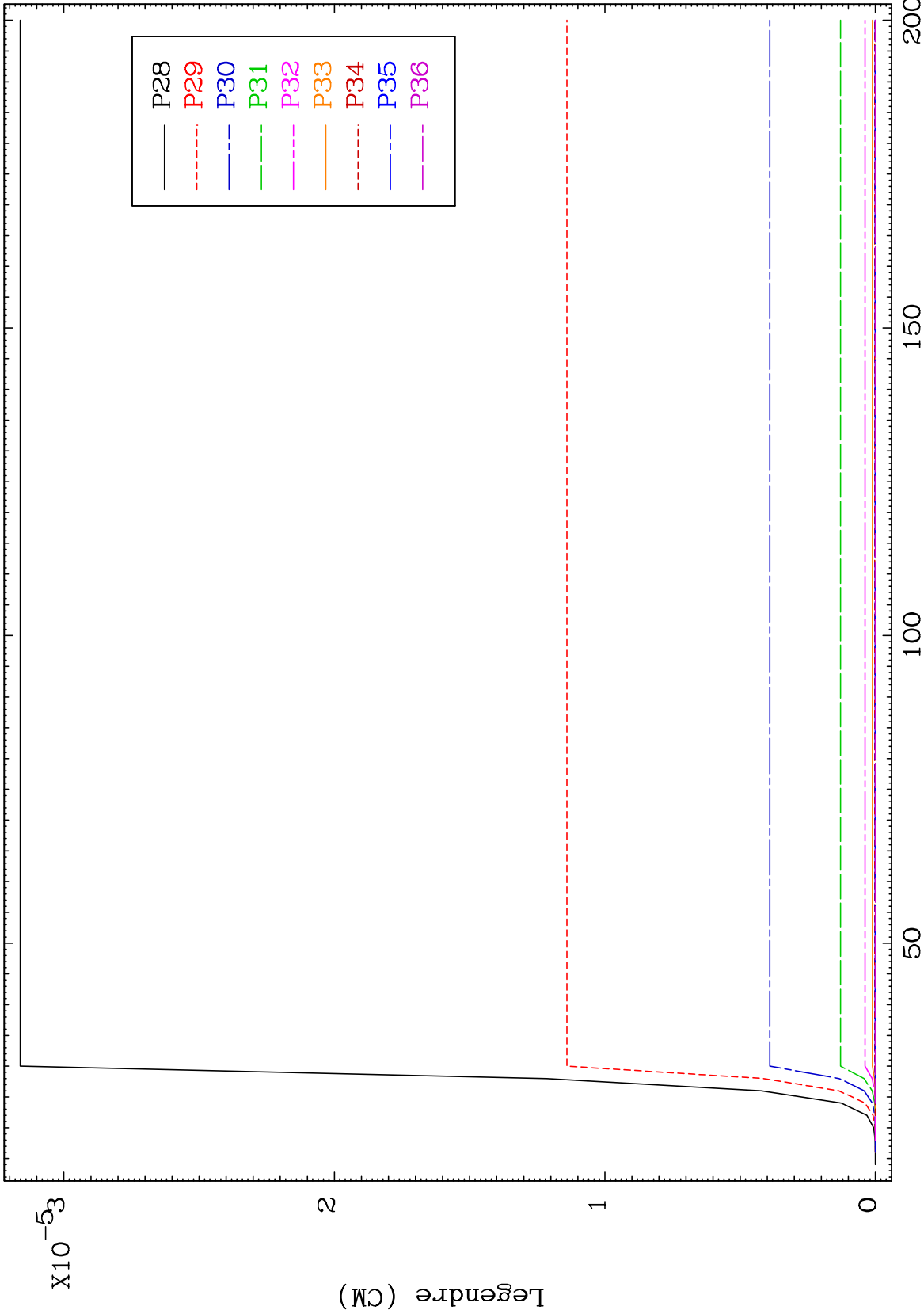
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



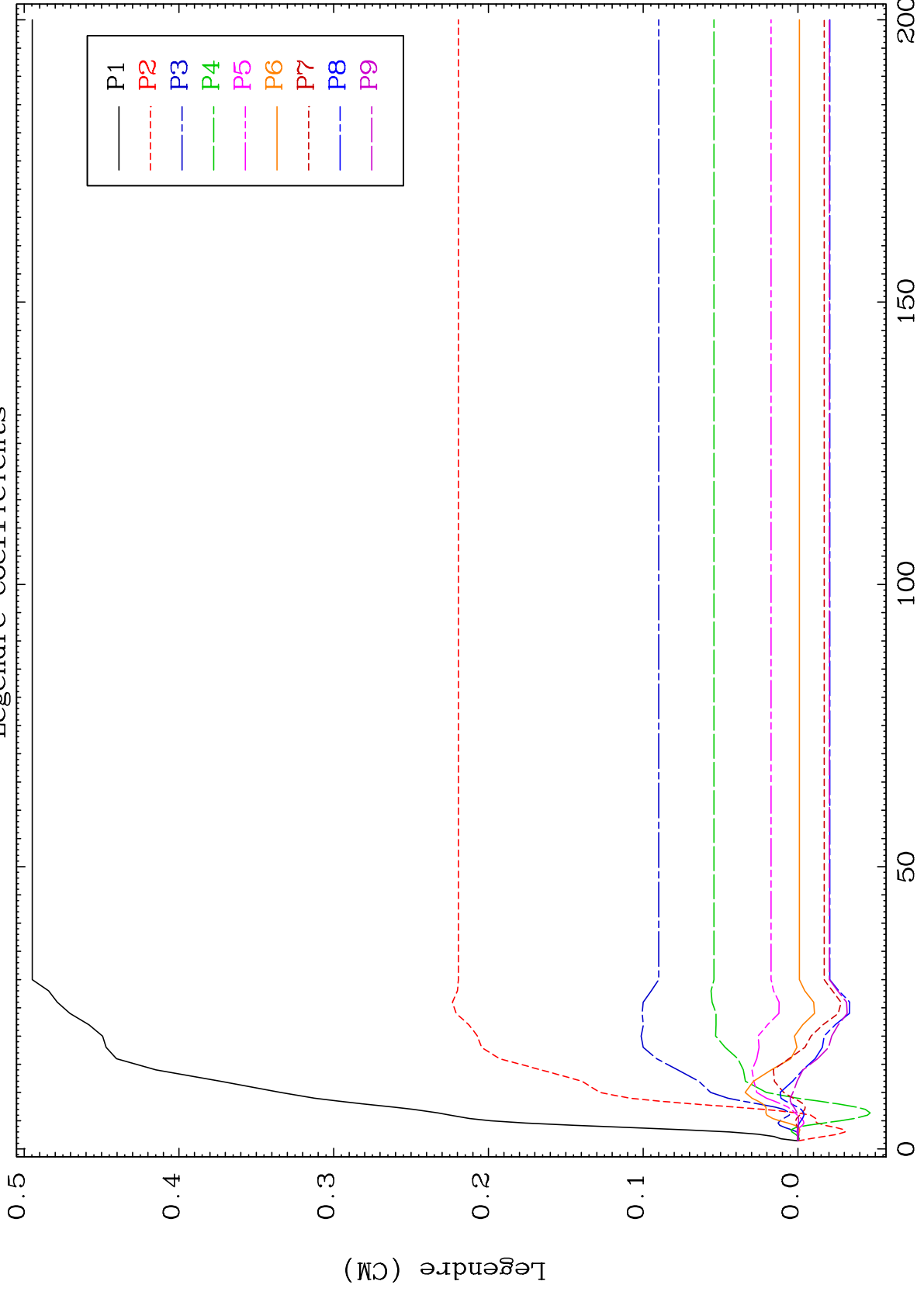
71

Incident Energy (MeV)

78-Pt-182



MAT 7801 MT= 65 (n,n') Level Legendre Coefficients 78-Pt-182

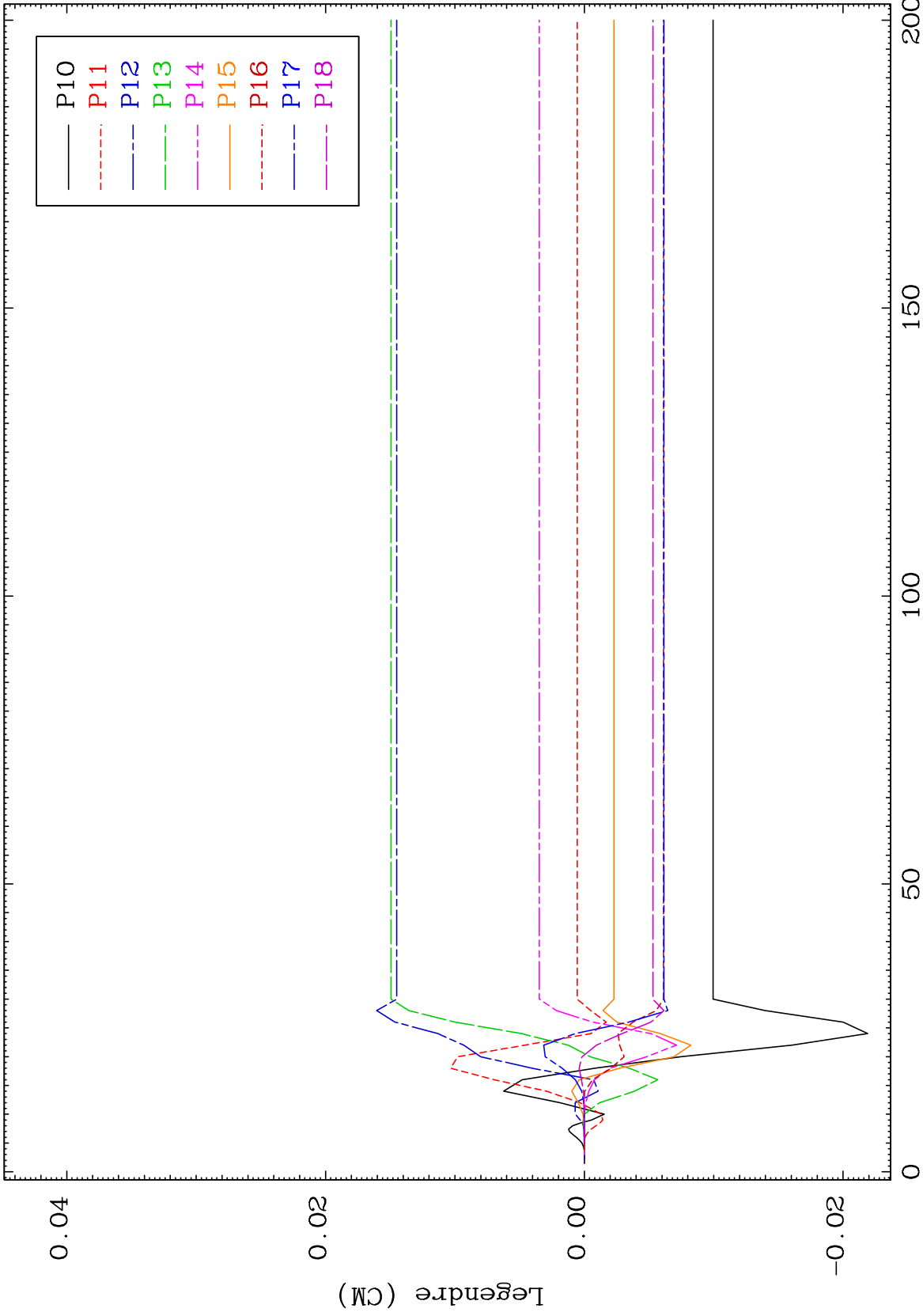


72 78-Pt-182

MAT 7801

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

78-Pt-182



73

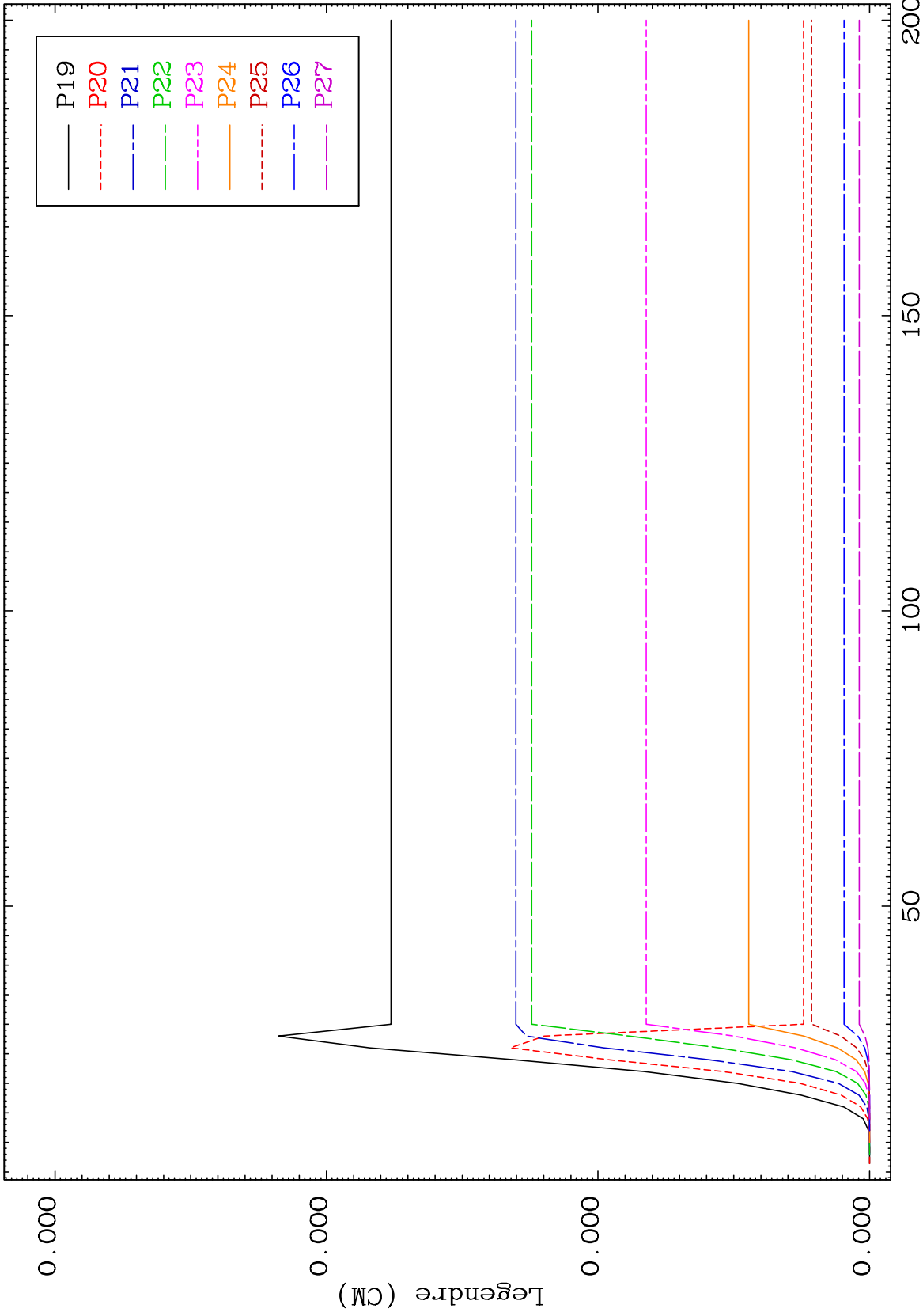
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



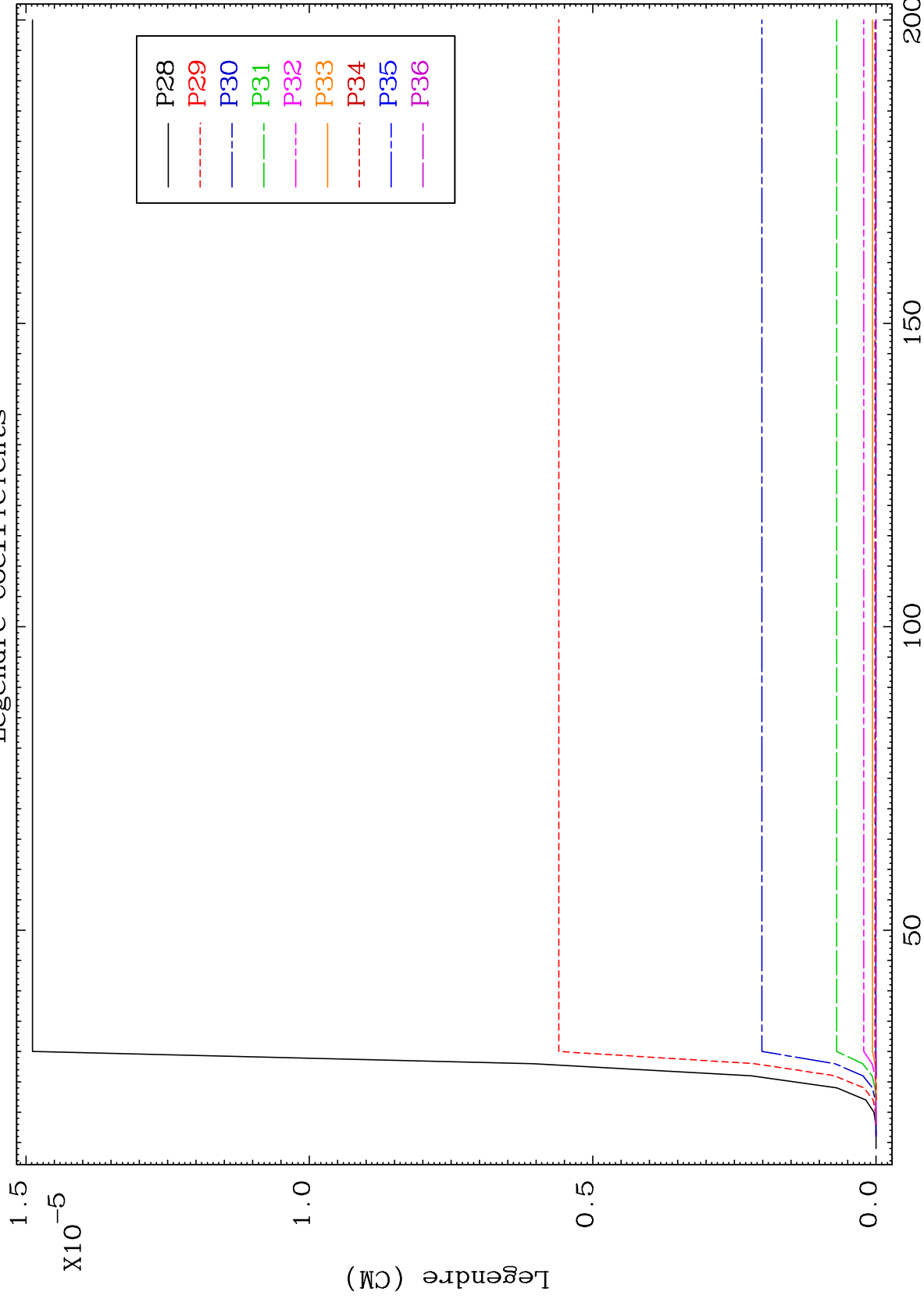
74

78-Pt-182

MAT 7801

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

78-Pt-182



75

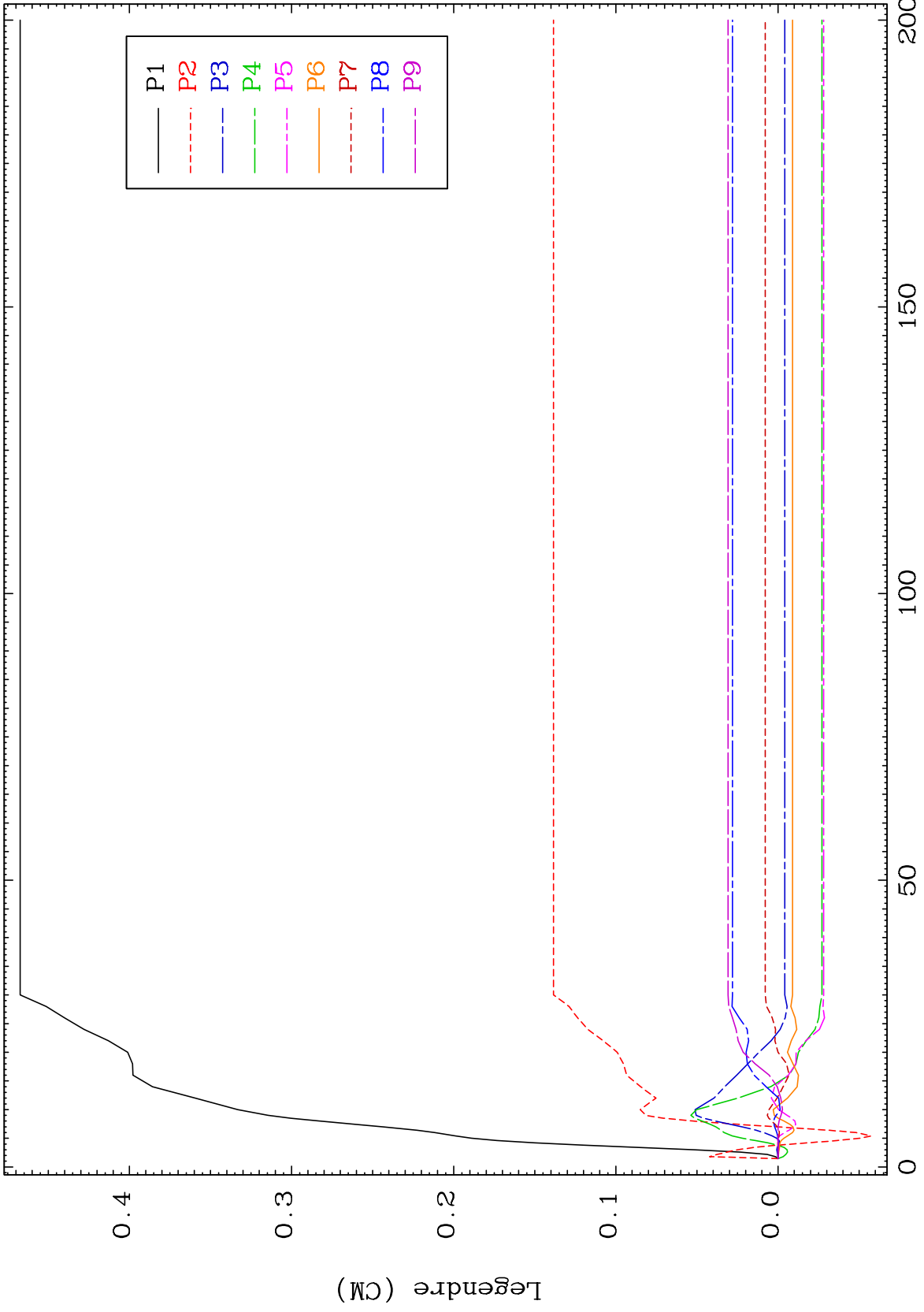
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



76

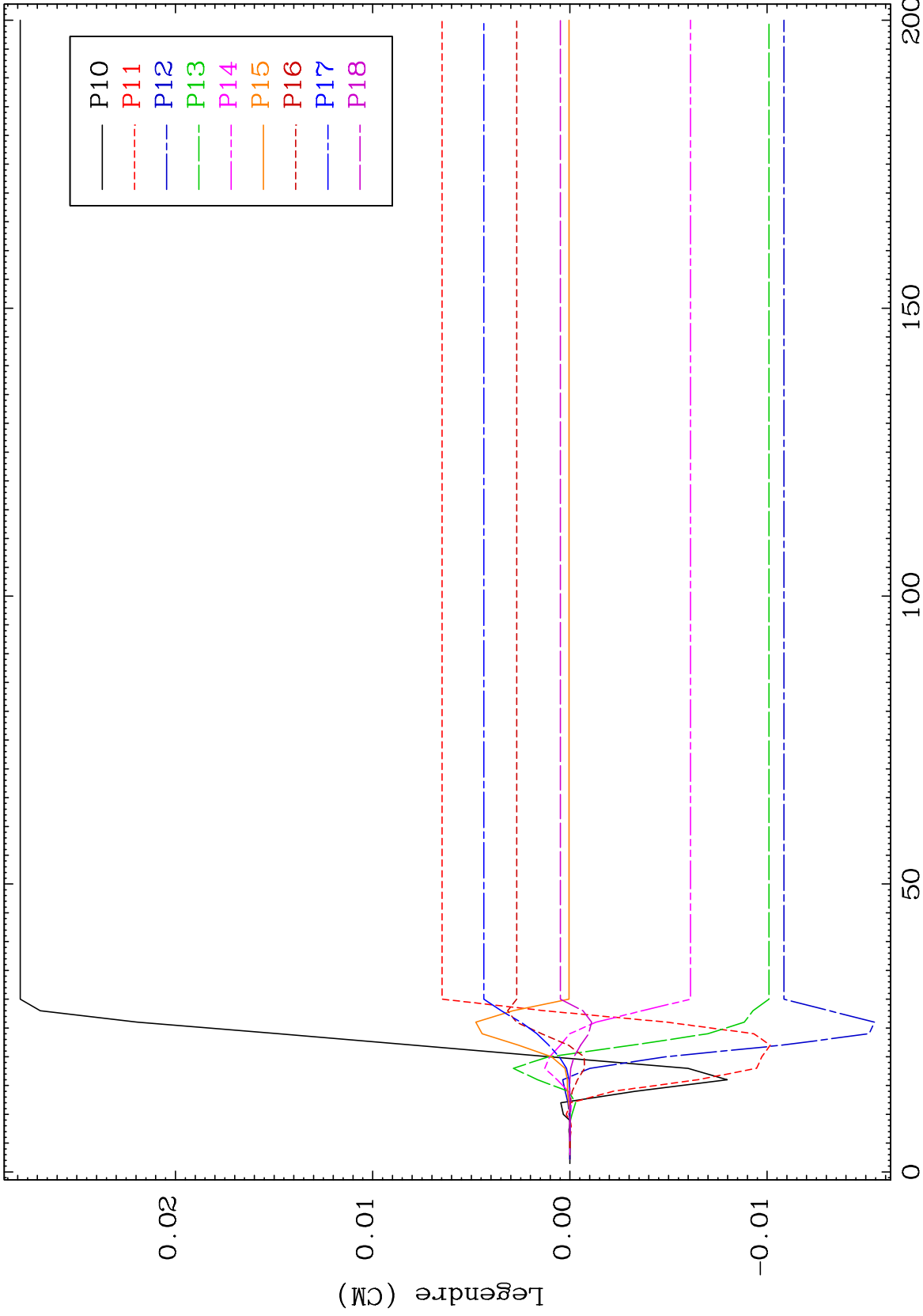
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



77

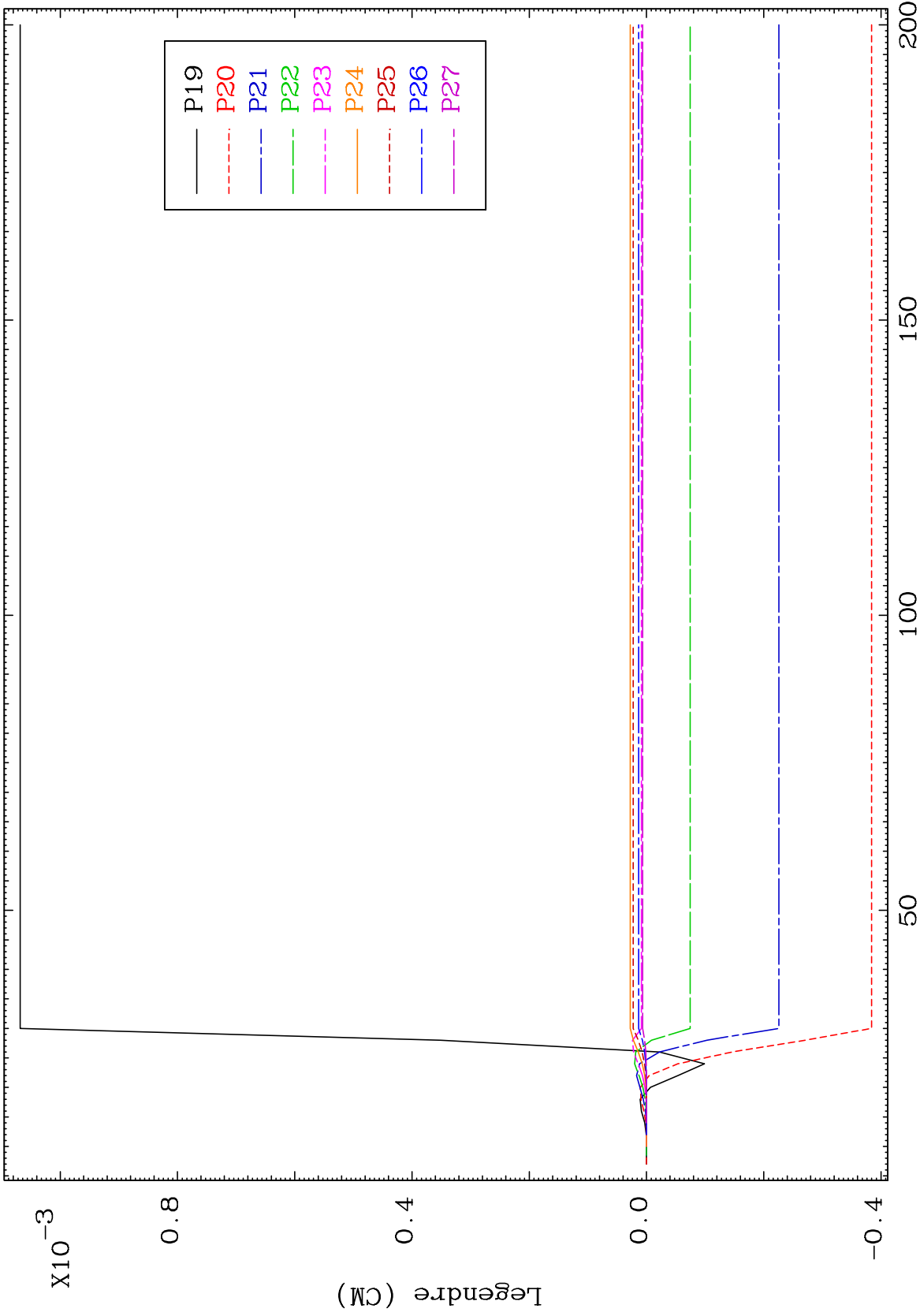
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



78

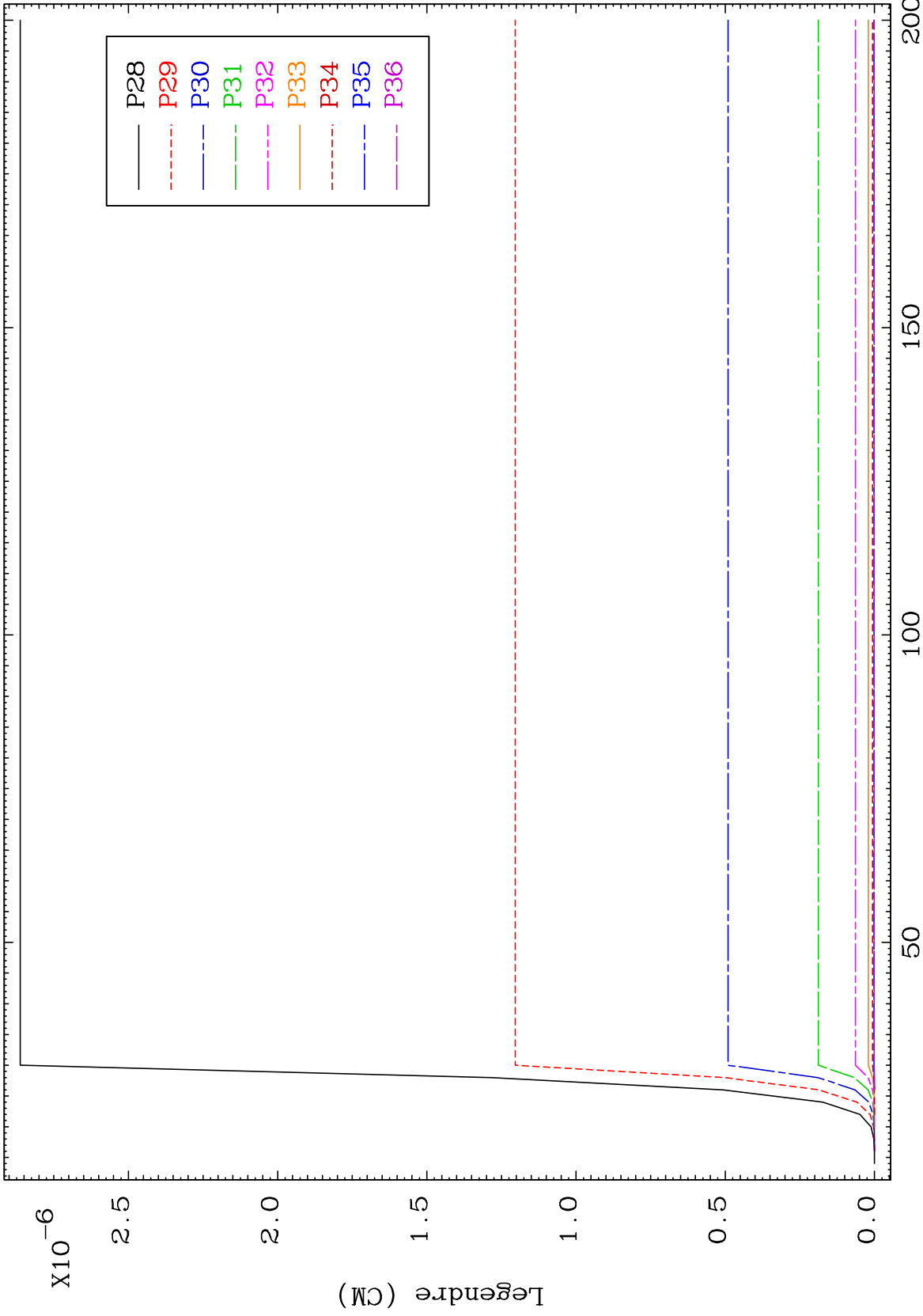
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



79

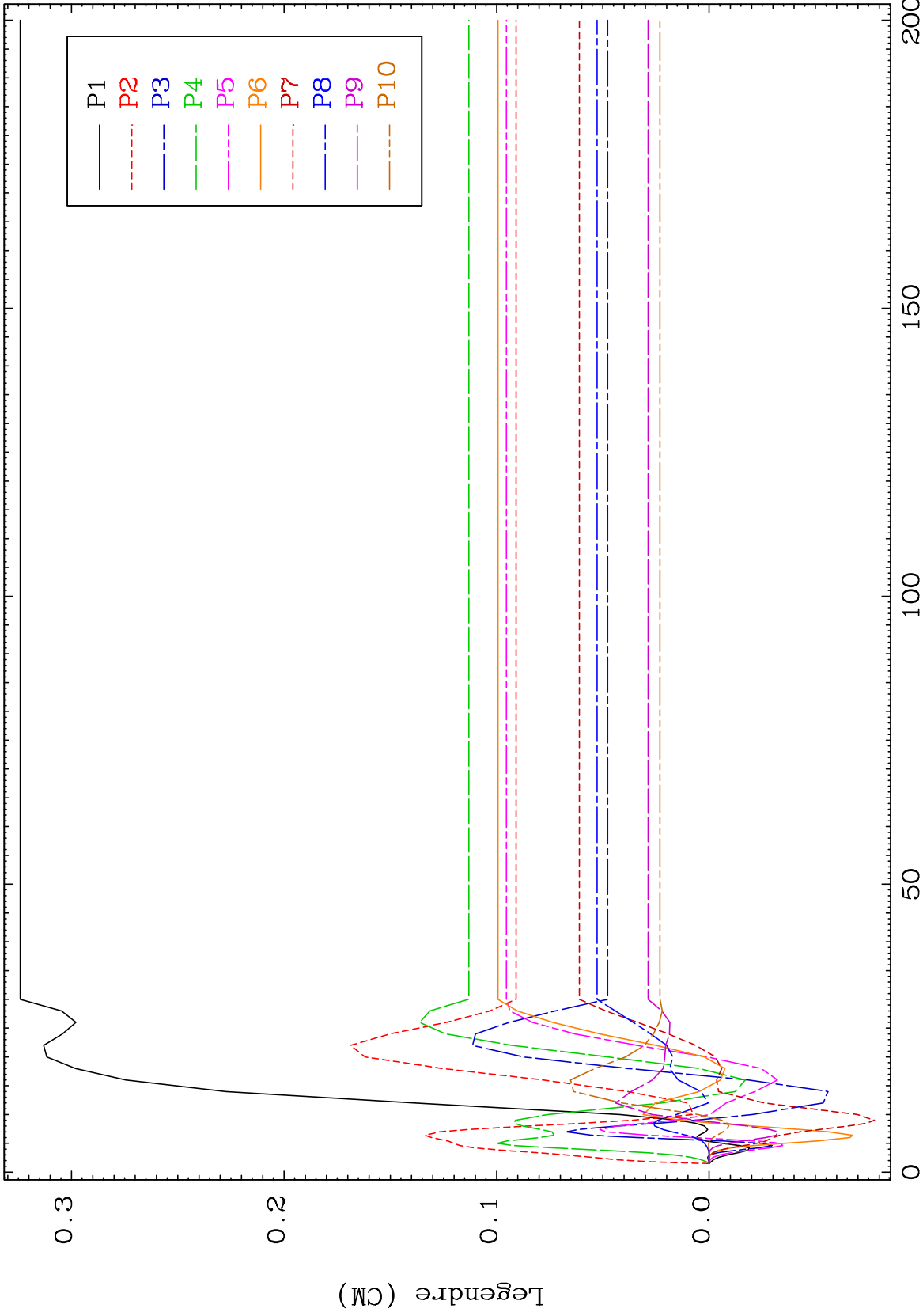
78-Pt-182



MAT 7801

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

78-Pt-182

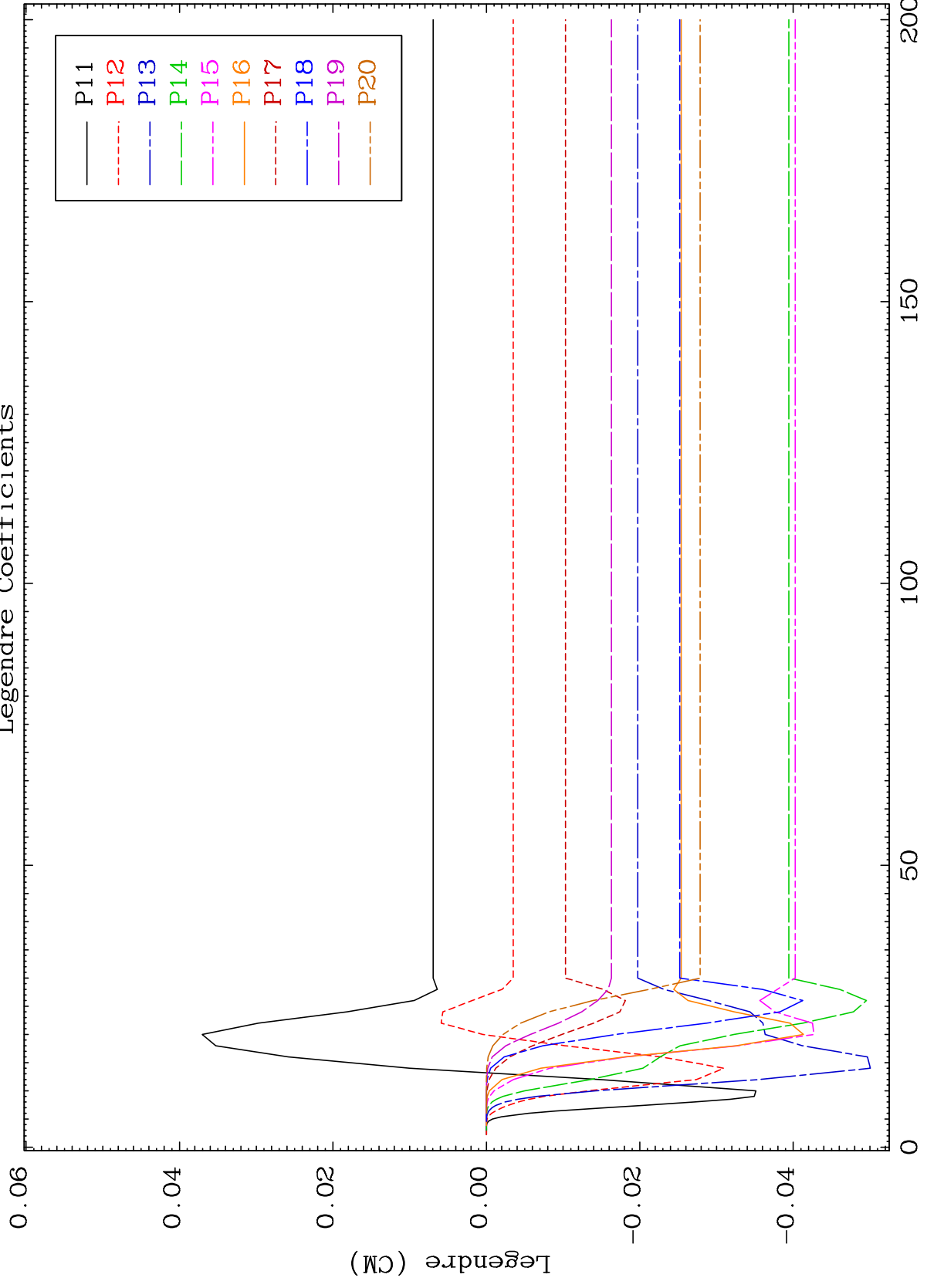


80

Incident Energy (MeV)

78-Pt-182

MAT 7801 MT= 67 (n,n') Level Legendre Coefficients 78-Pt-182

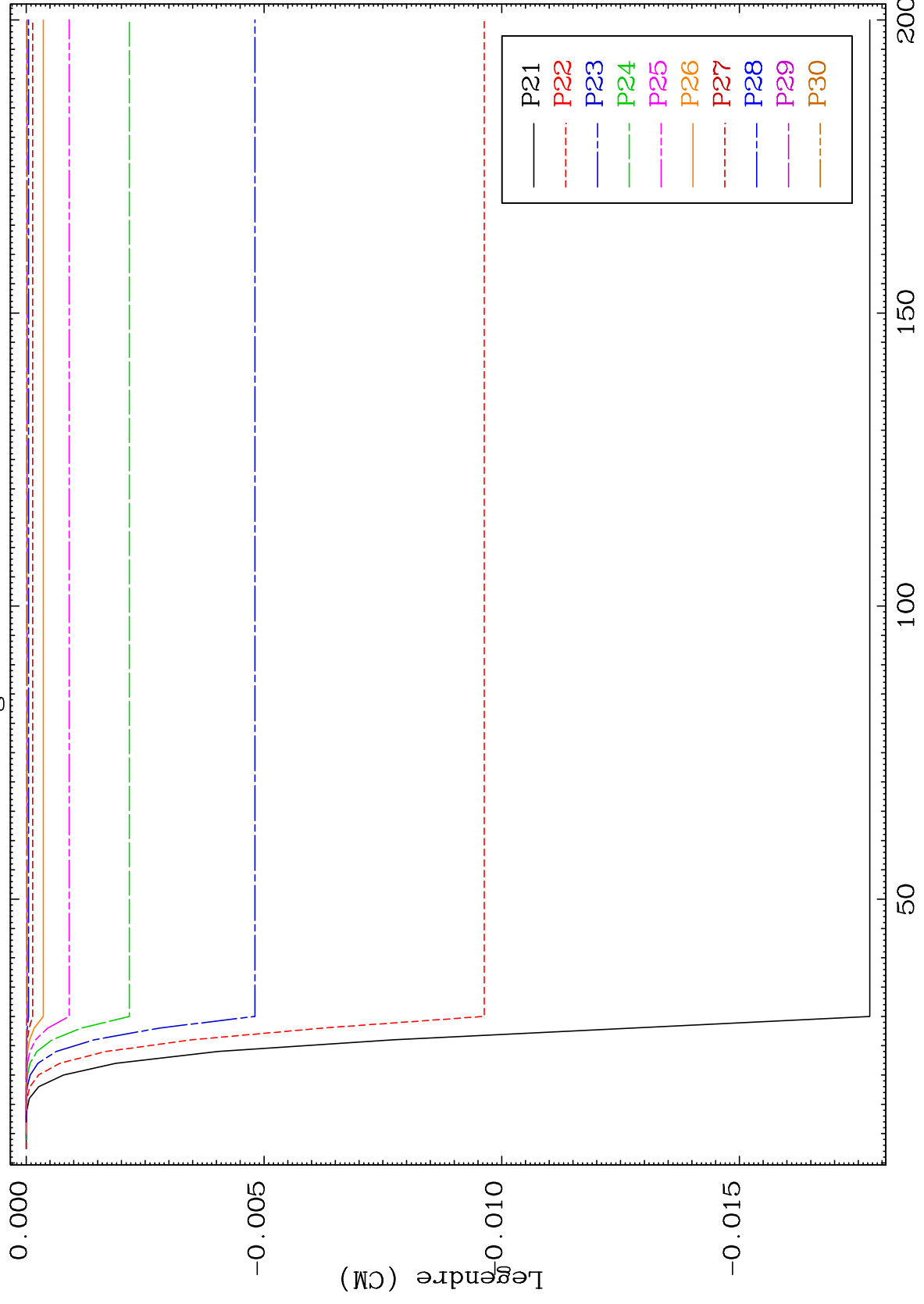


78-Pt-182

Incident Energy (MeV)

81

MAT 7801 MT= 67 (n,n') Level Legendre Coefficients 78-Pt-182

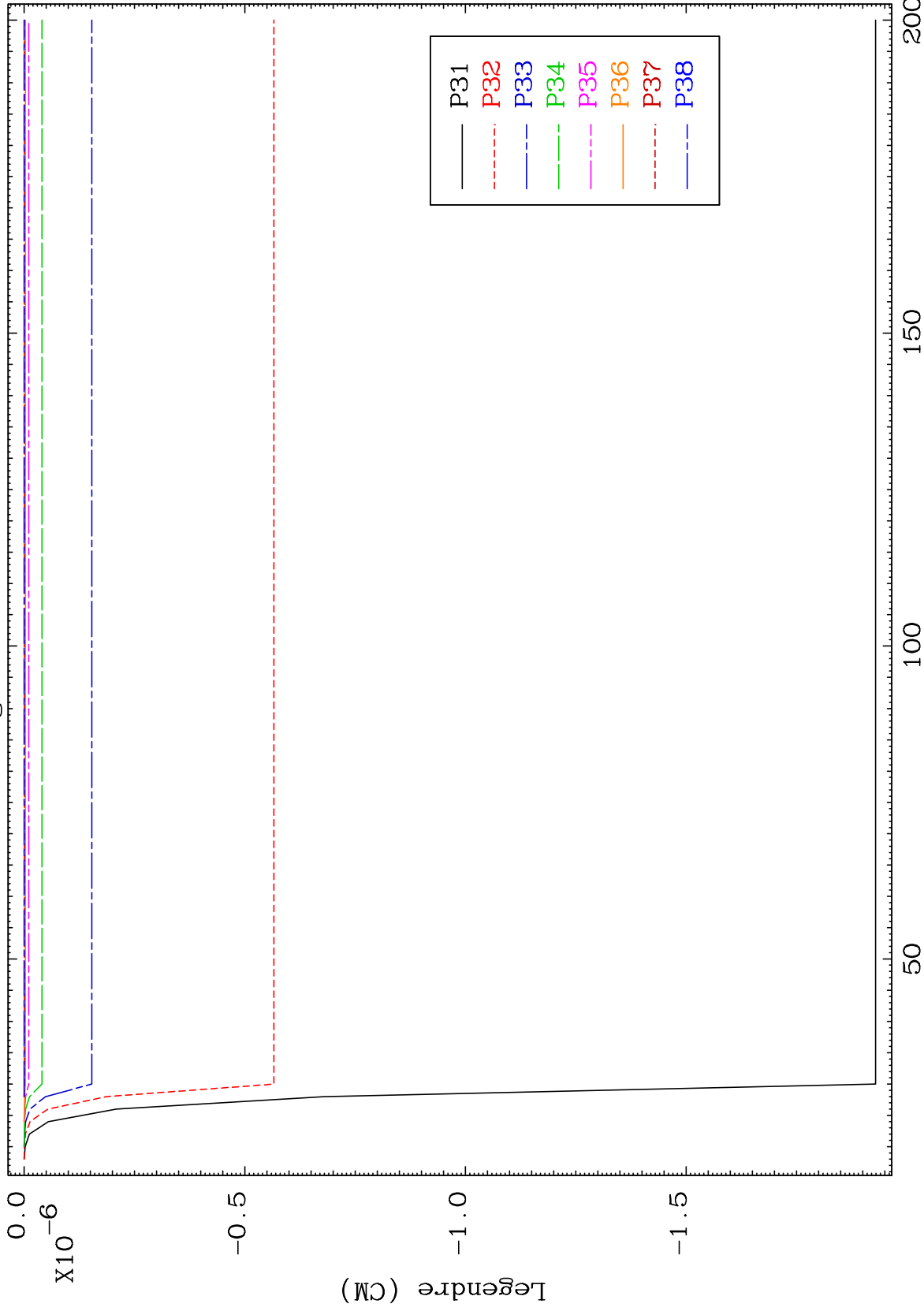


82 78-Pt-182

MAT 7801

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

78-Pt-182



83

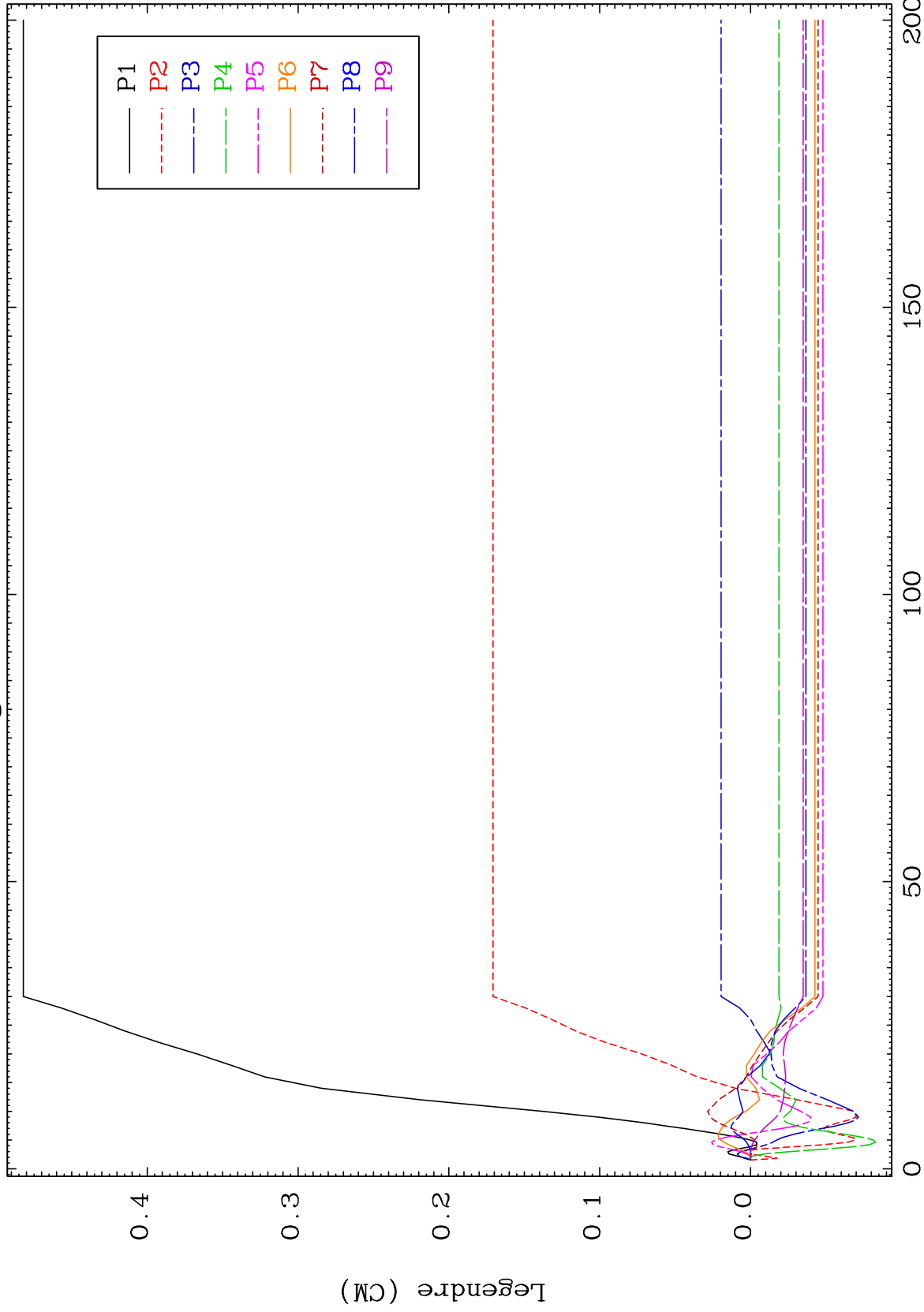
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



84

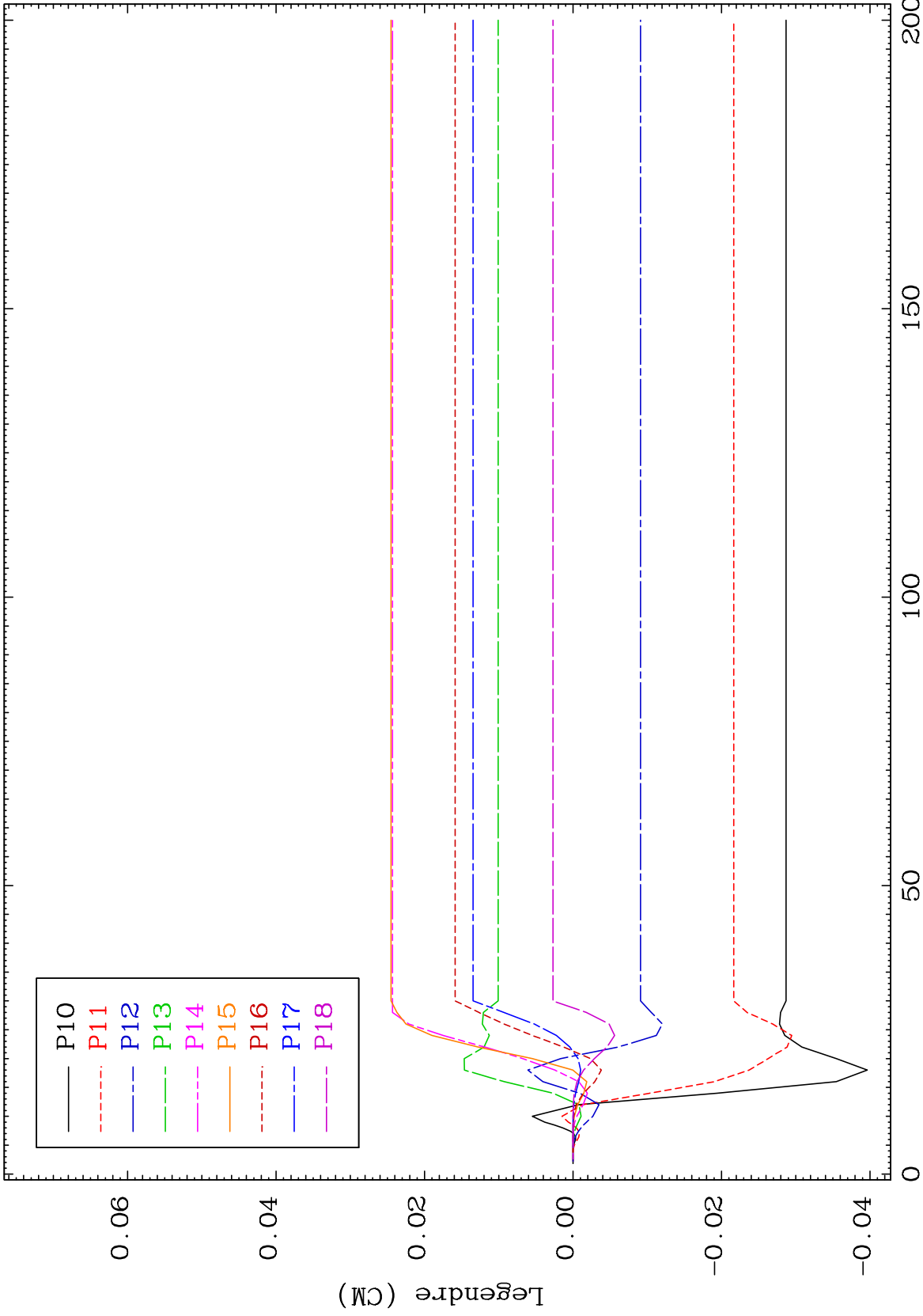
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

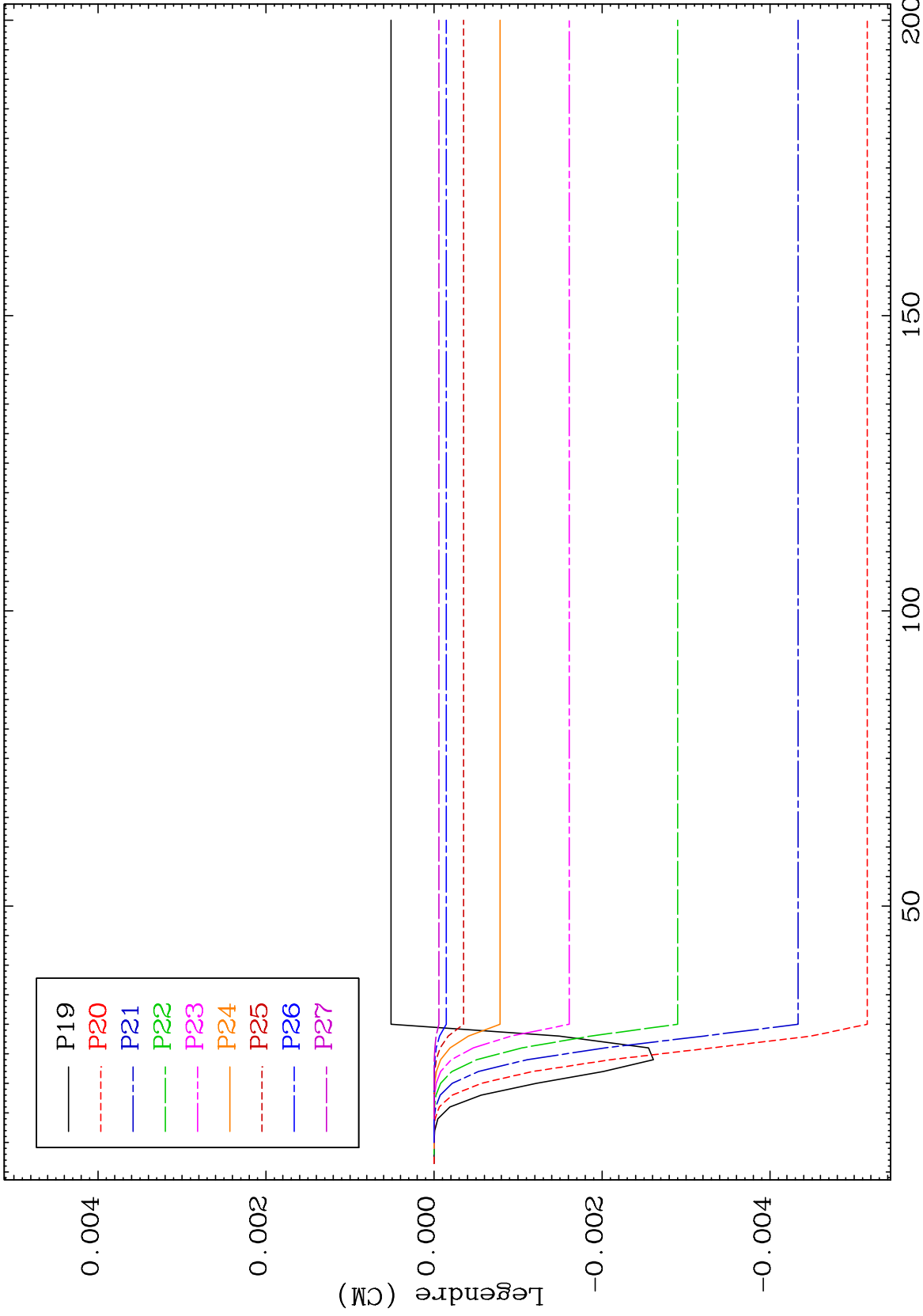
78-Pt-182



85

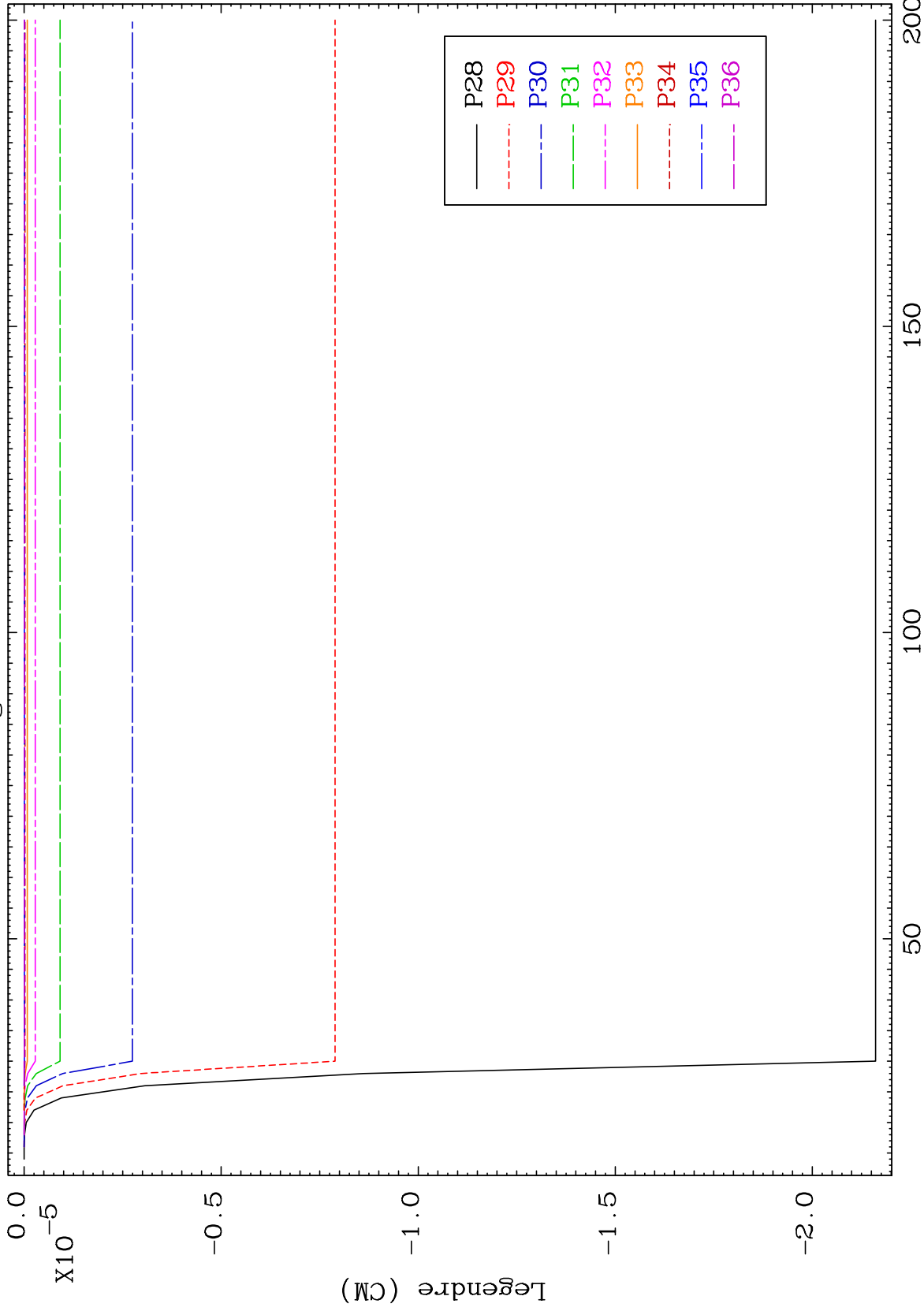
Incident Energy (MeV)

78-Pt-182



MAT 7801 MT= 68 (n,n') Level 78-Pt-182

Legendre Coefficients



87

Incident Energy (MeV)

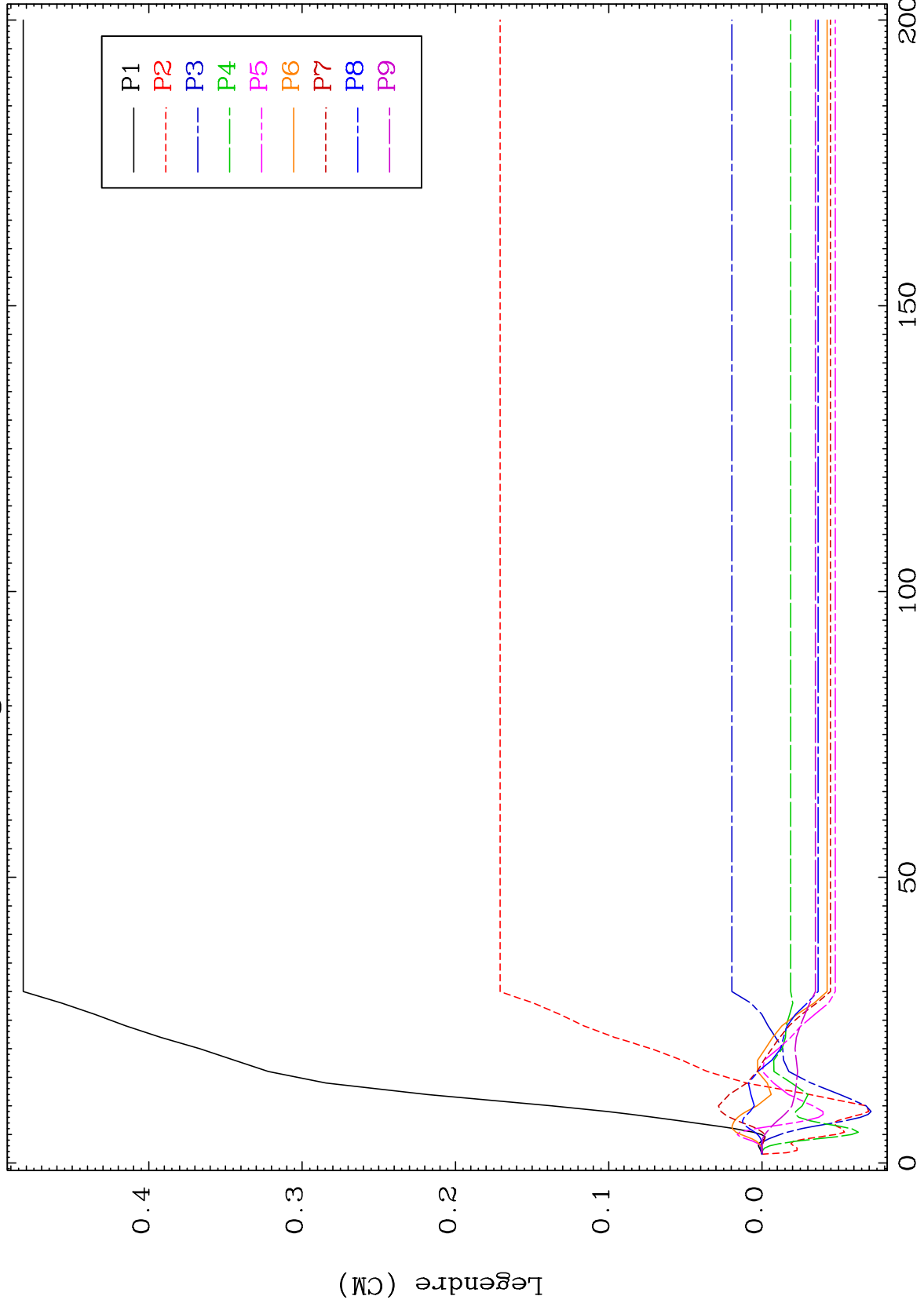
78-Pt-182



MAT 7801

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

78-Pt-182



88

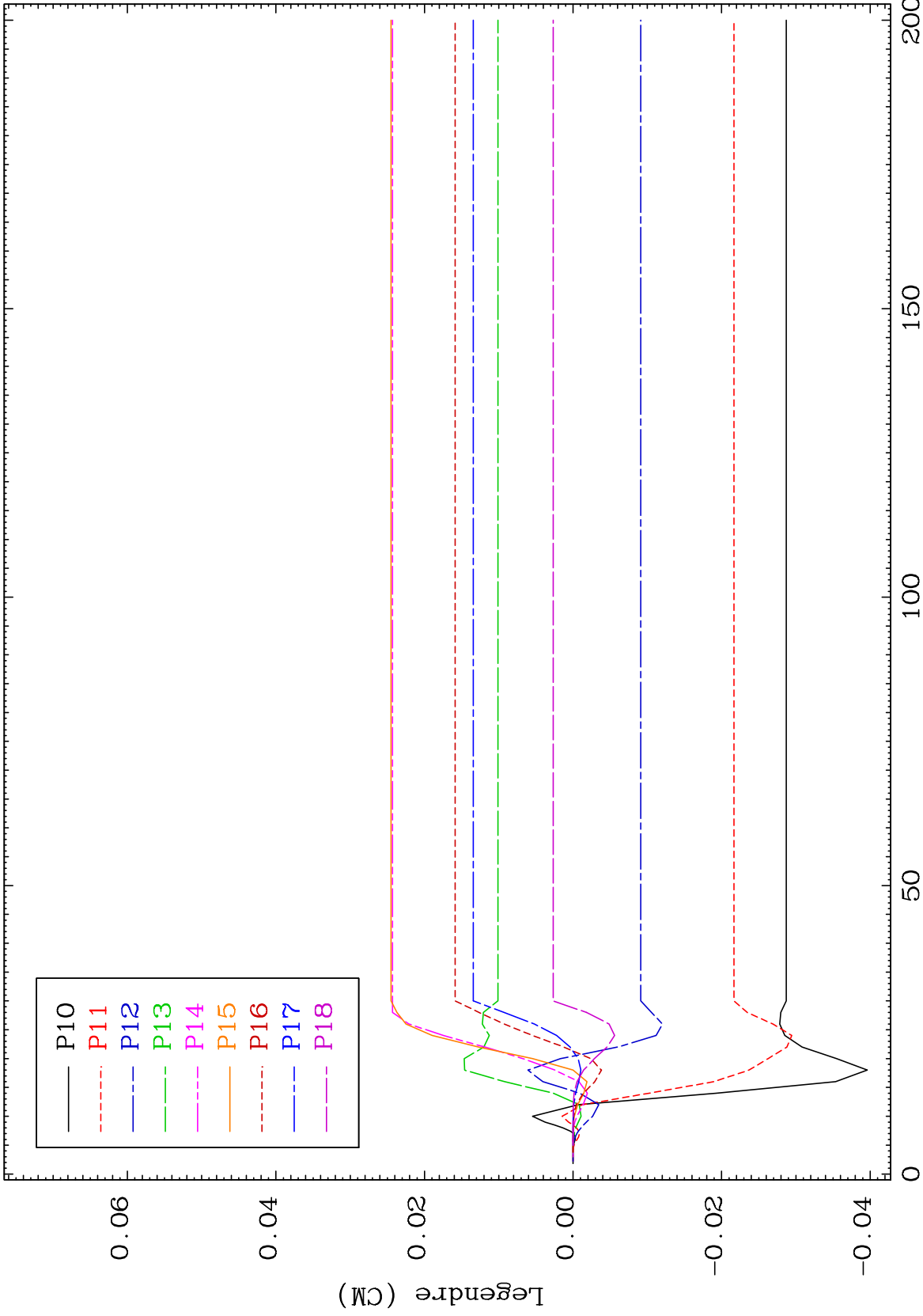
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



89

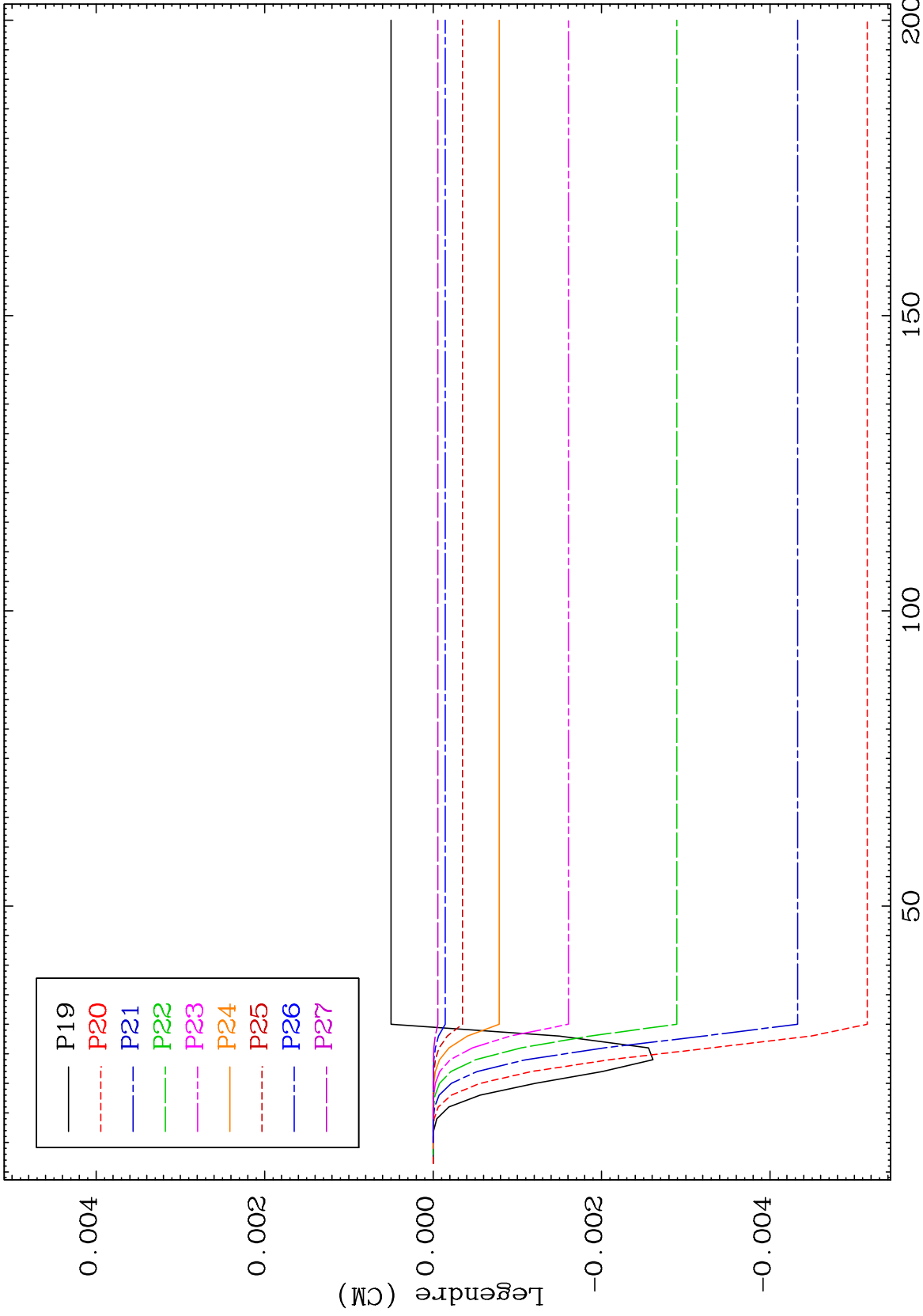
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



90

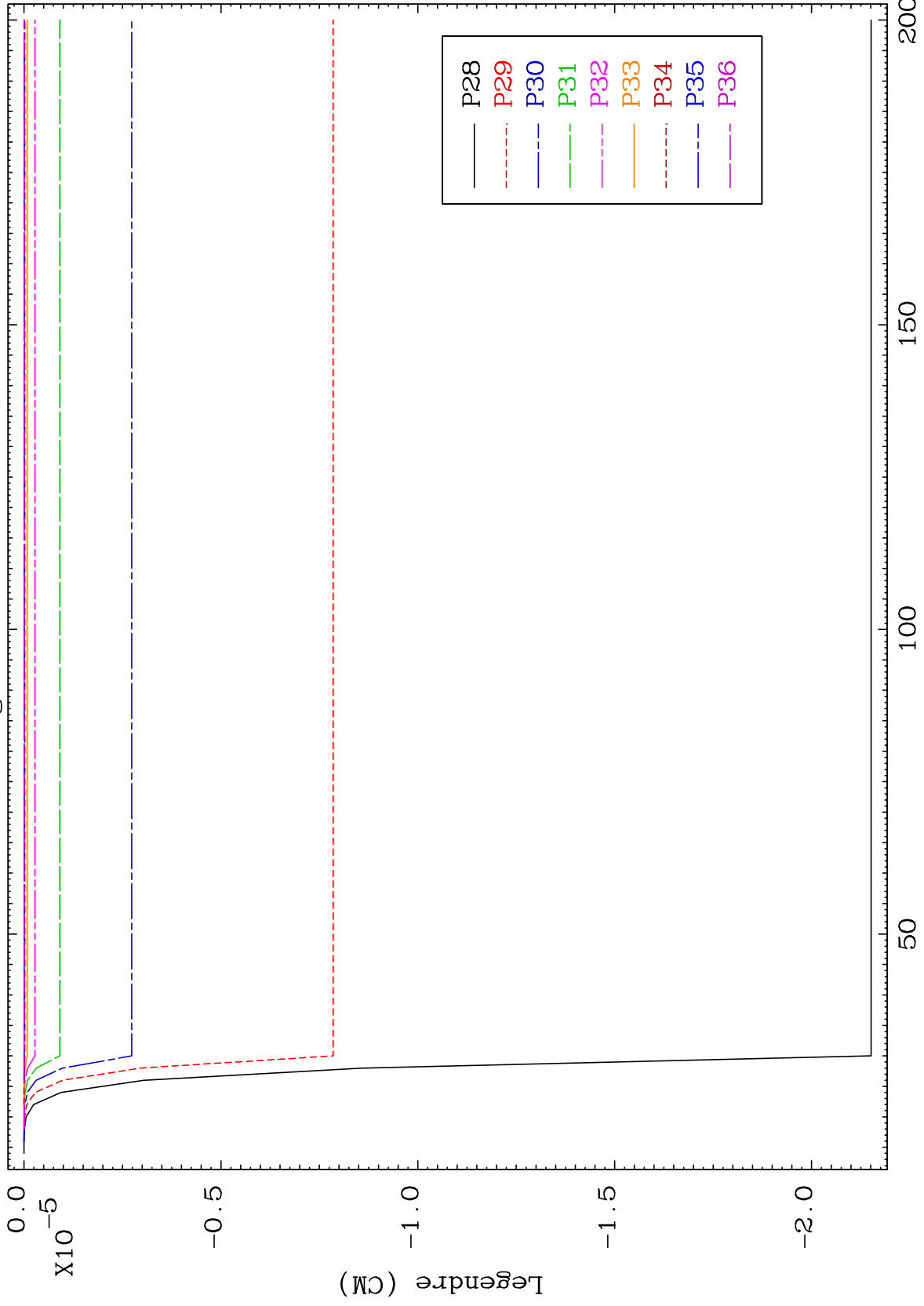
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



91

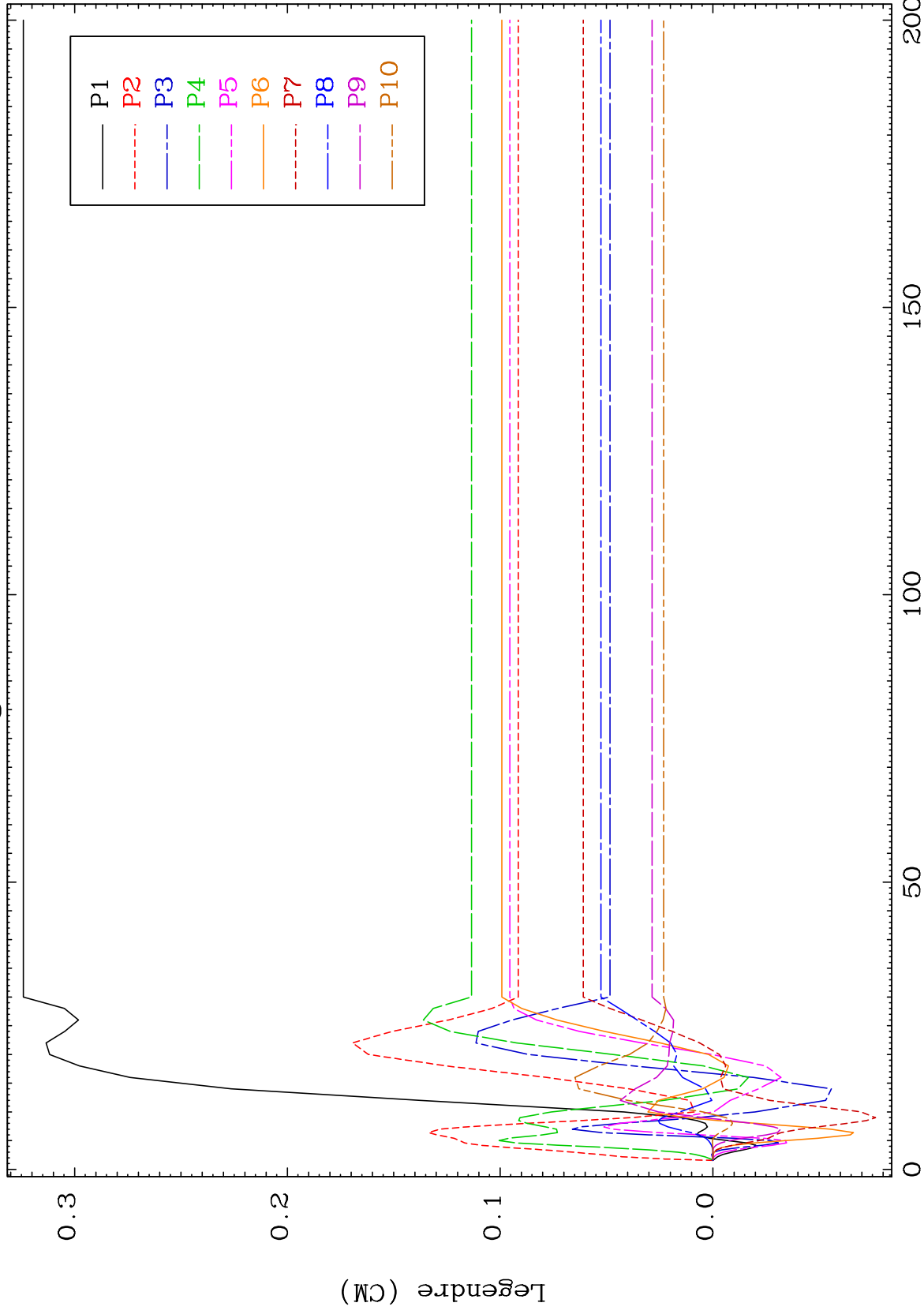
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



92

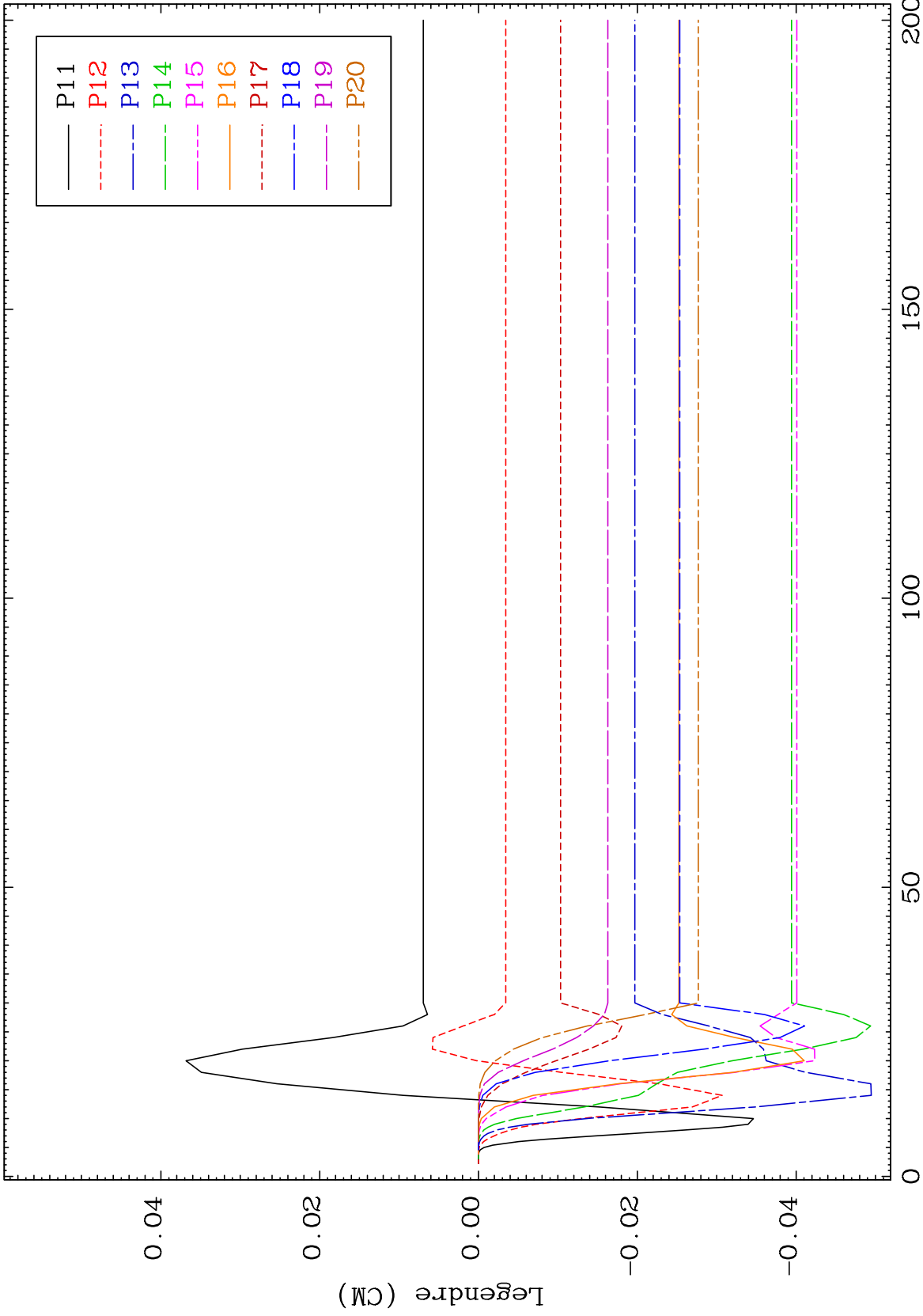
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182

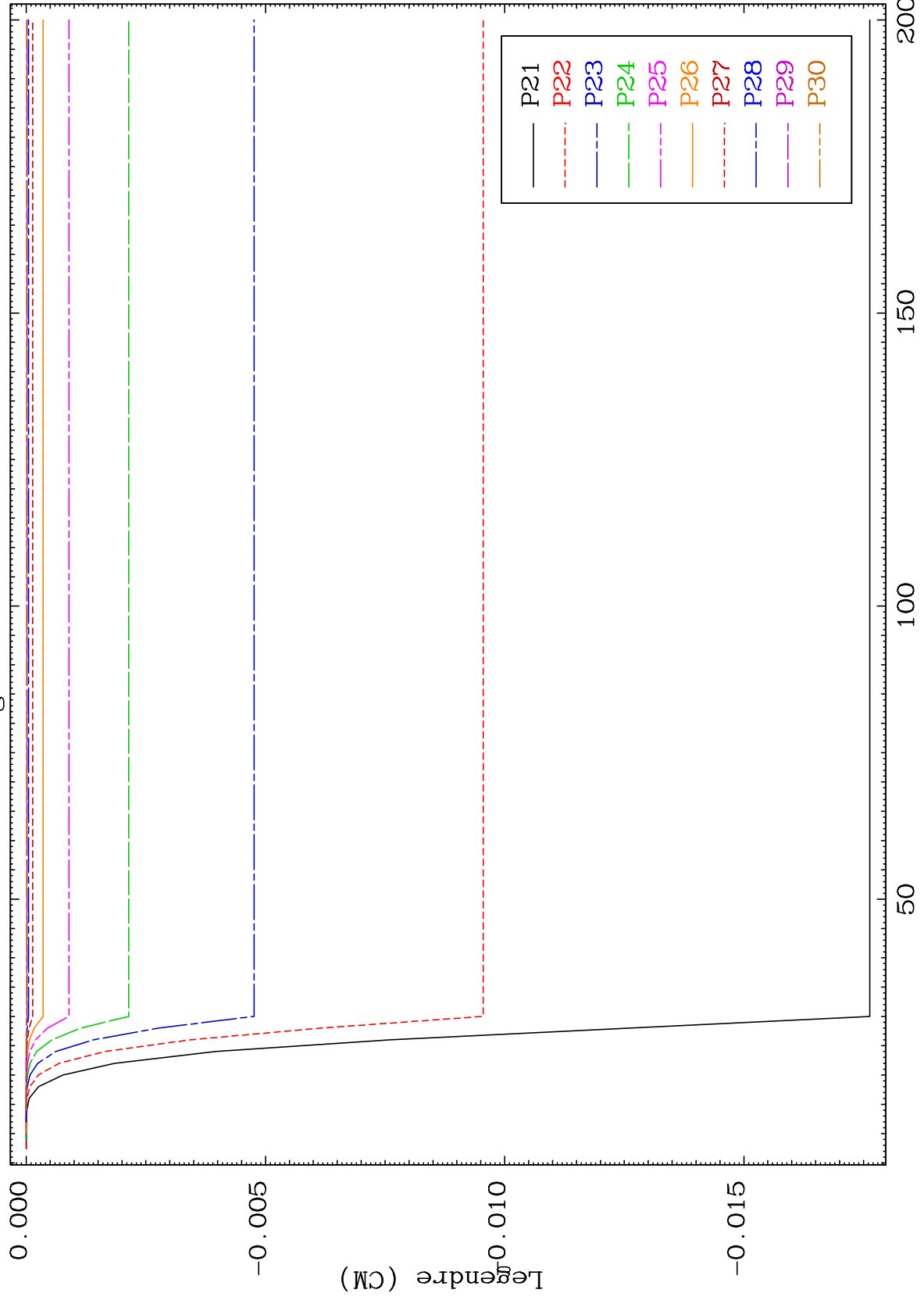


93

Incident Energy (MeV)

78-Pt-182

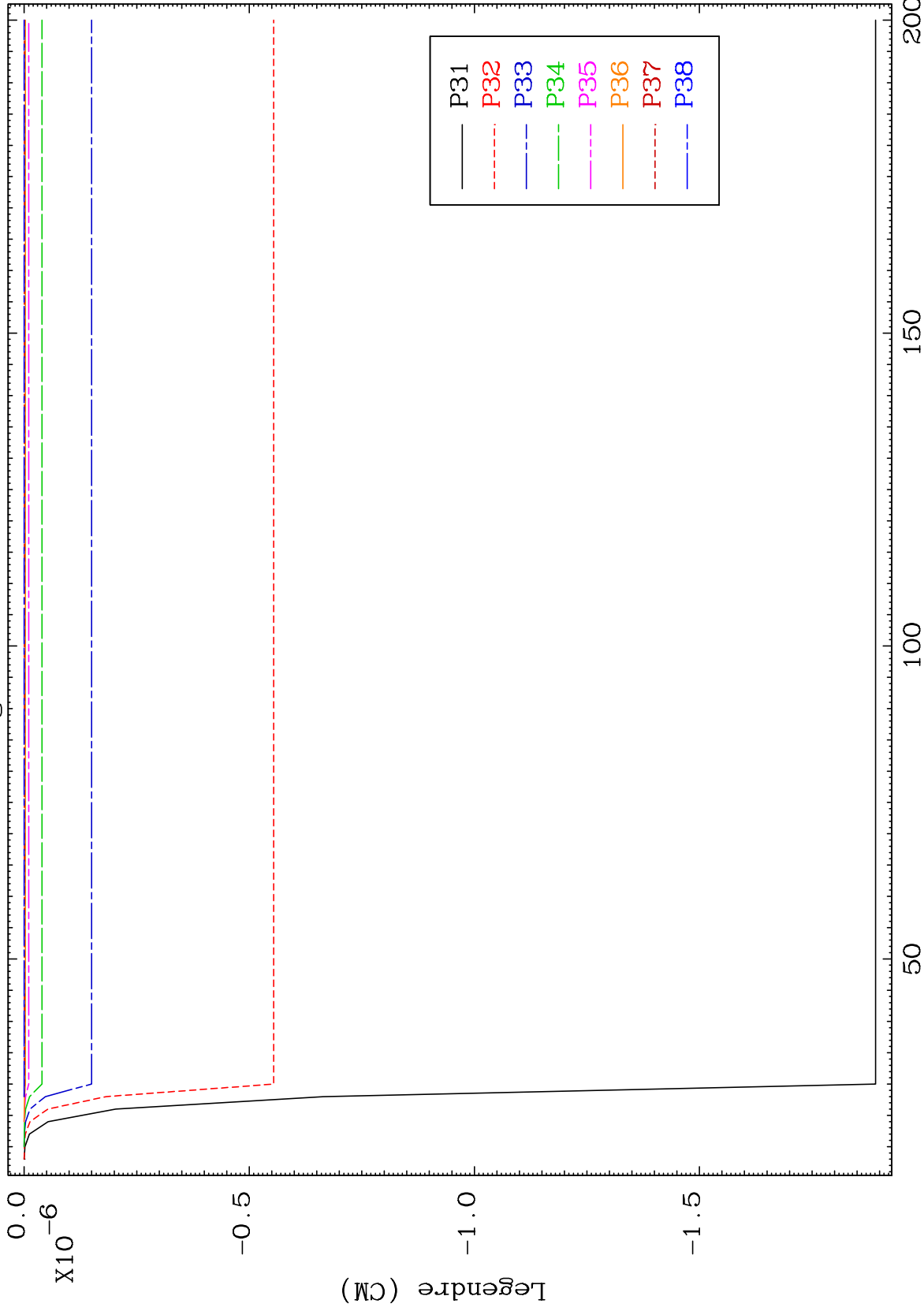
MAT 7801 MT= 70 (n,n') Level Legendre Coefficients 78-Pt-182



MAT 7801

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

78-Pt-182



78-Pt-182

Incident Energy (MeV)

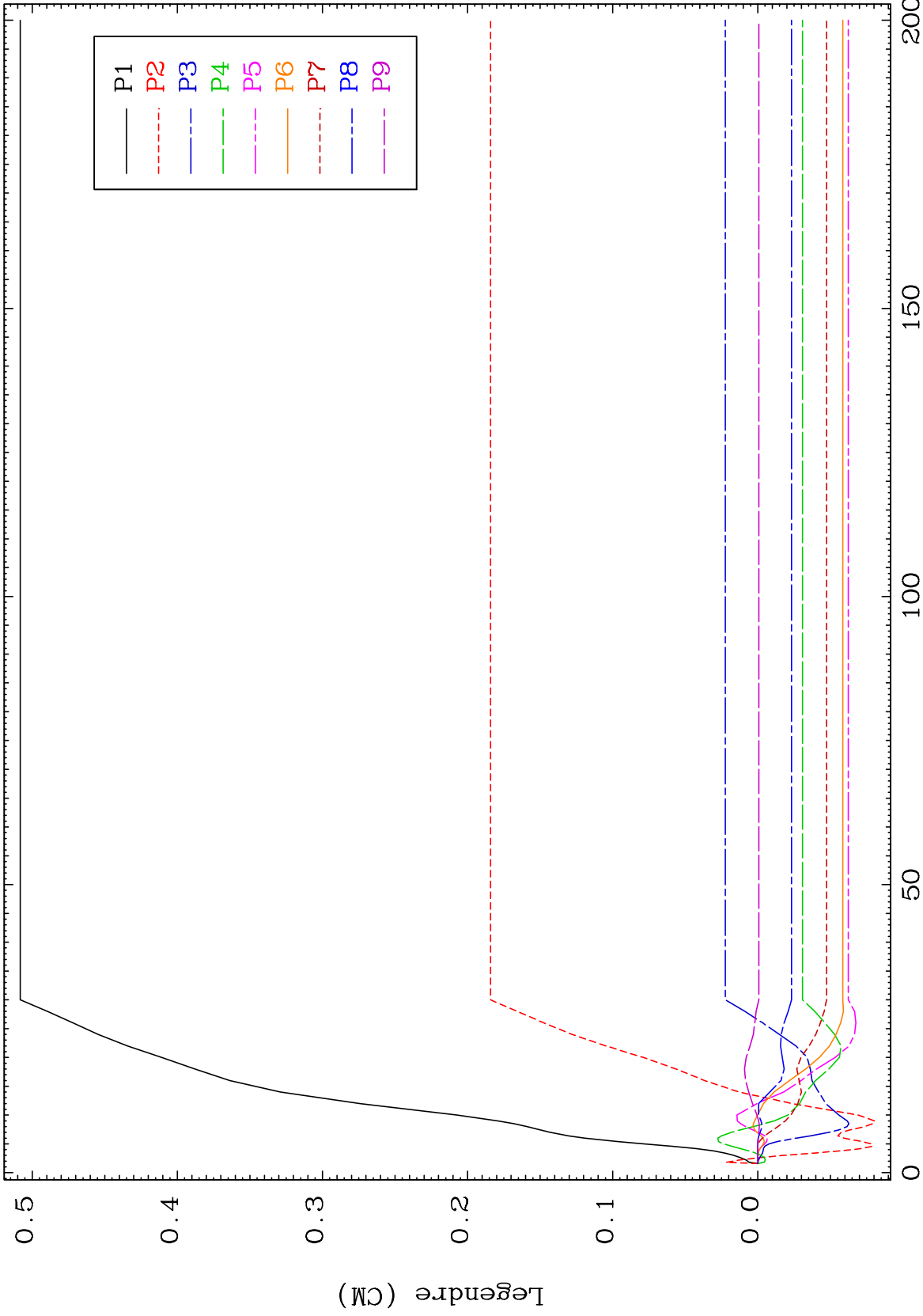
95



MAT 7801

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

78-Pt-182

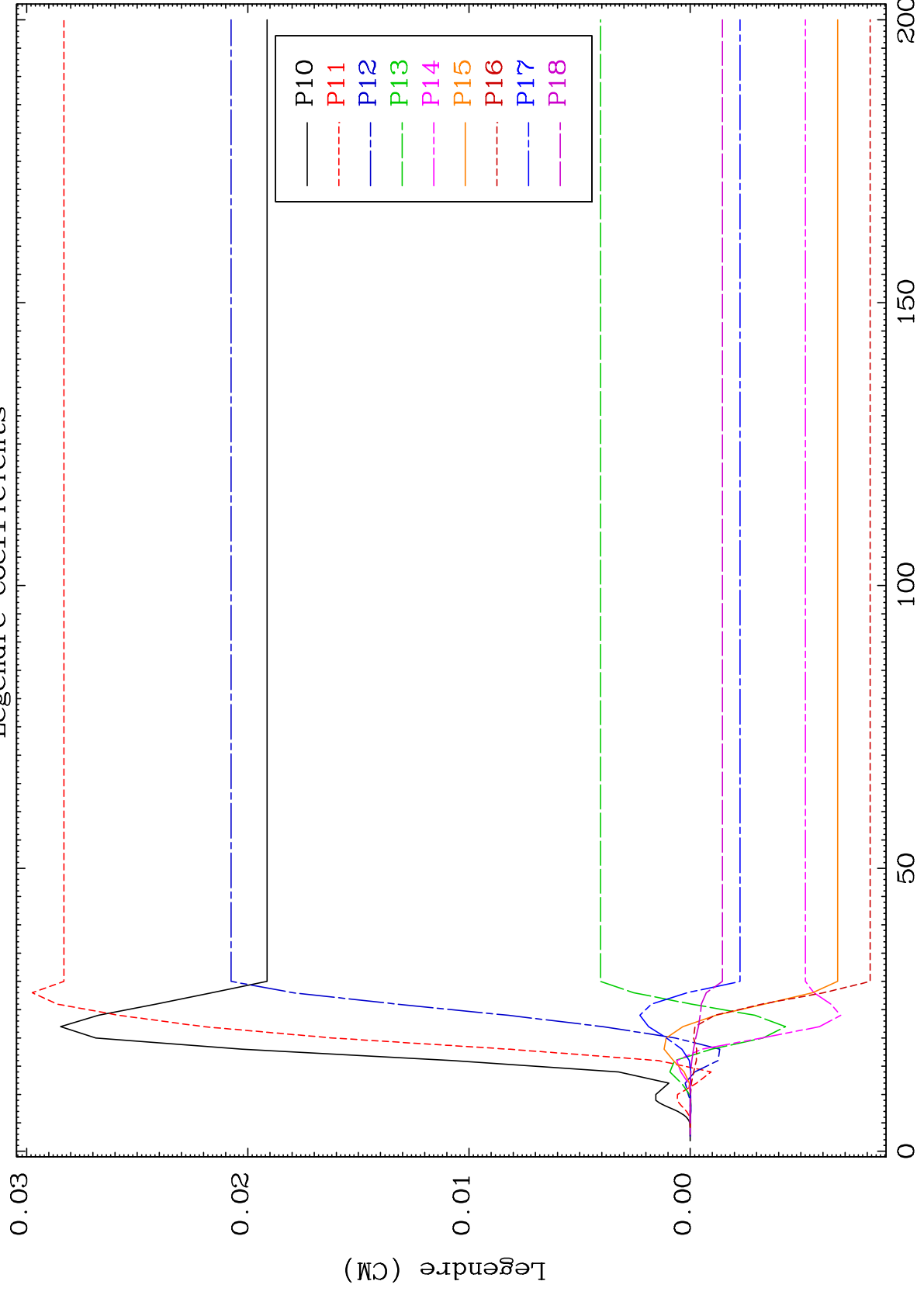


96

Incident Energy (MeV)

78-Pt-182

MAT 7801 MT= 71 (n,n') Level Legendre Coefficients 78-Pt-182

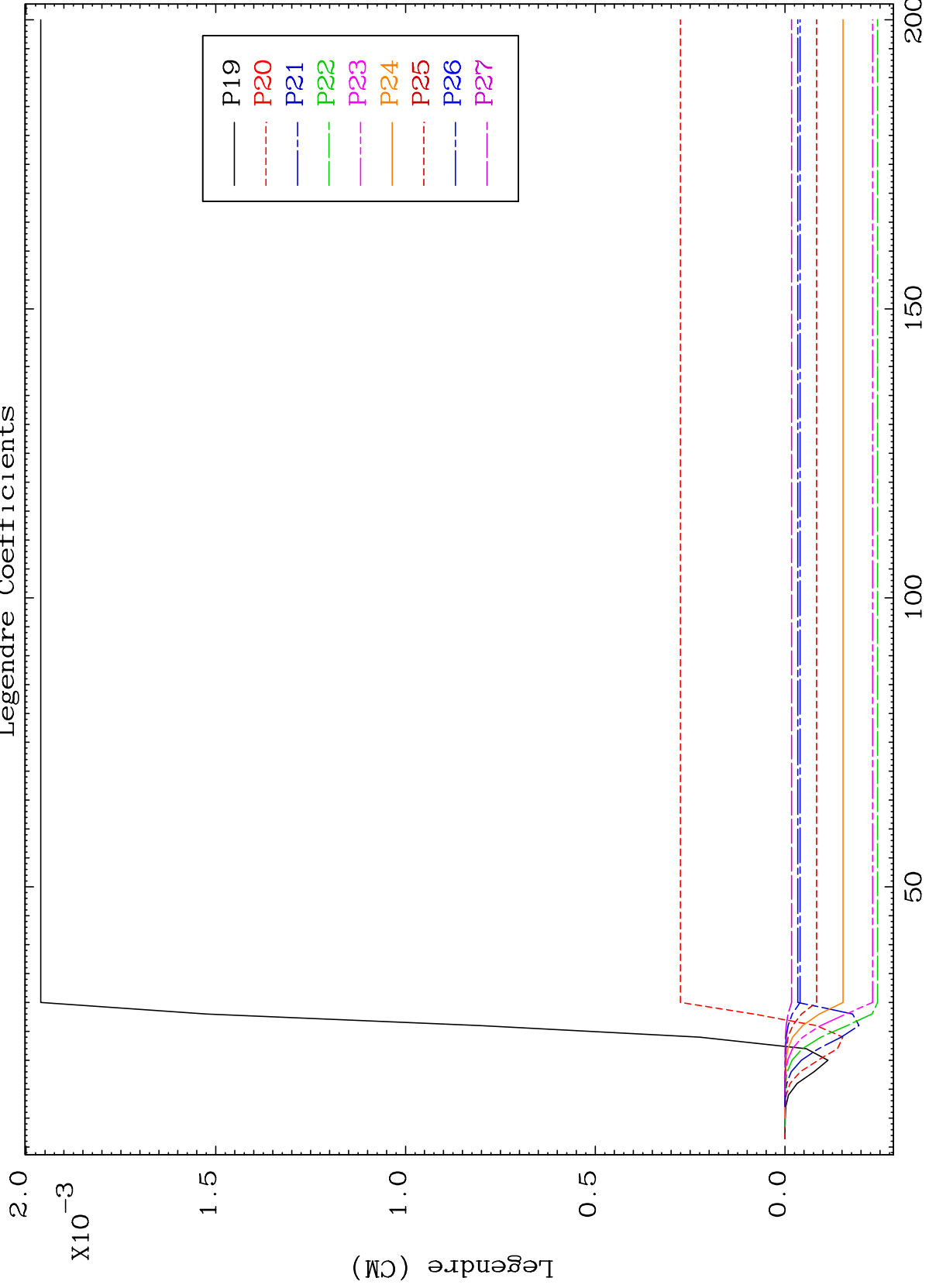


97 78-Pt-182

MAT 7801

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

78-Pt-182



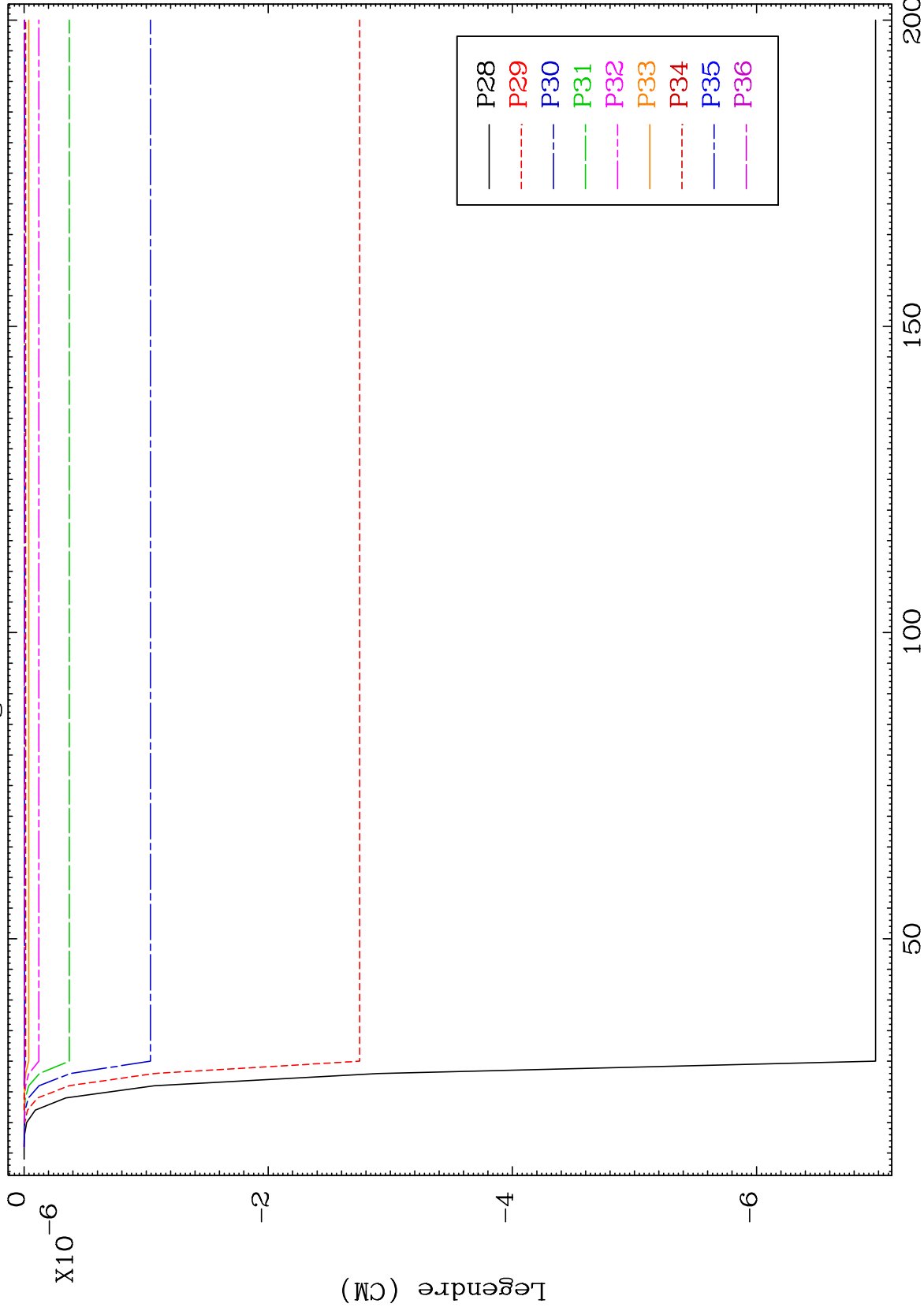
98

78-Pt-182

MAT 7801

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

78-Pt-182



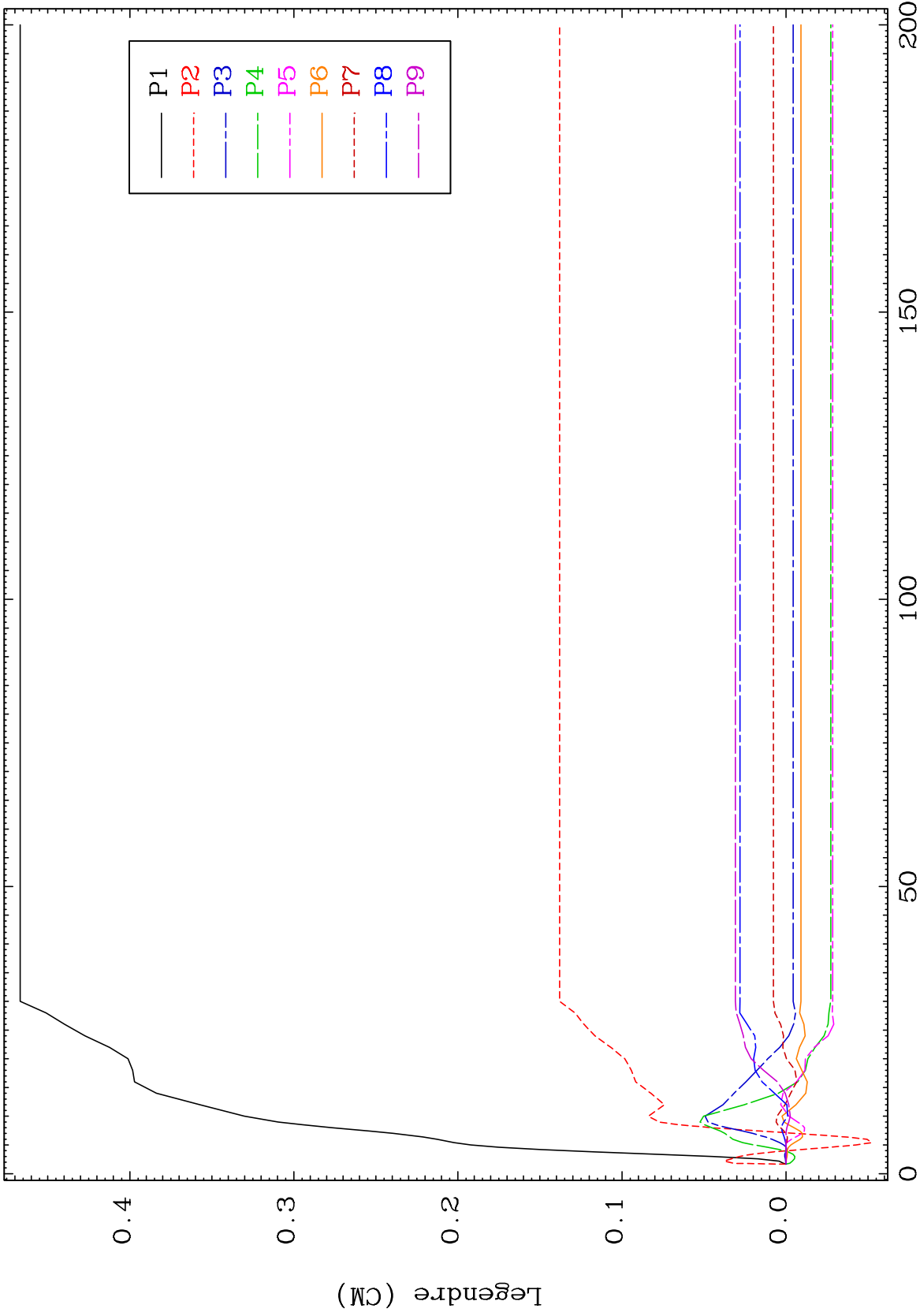
99

78-Pt-182

MAT 7801

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

78-Pt-182



78-Pt-182

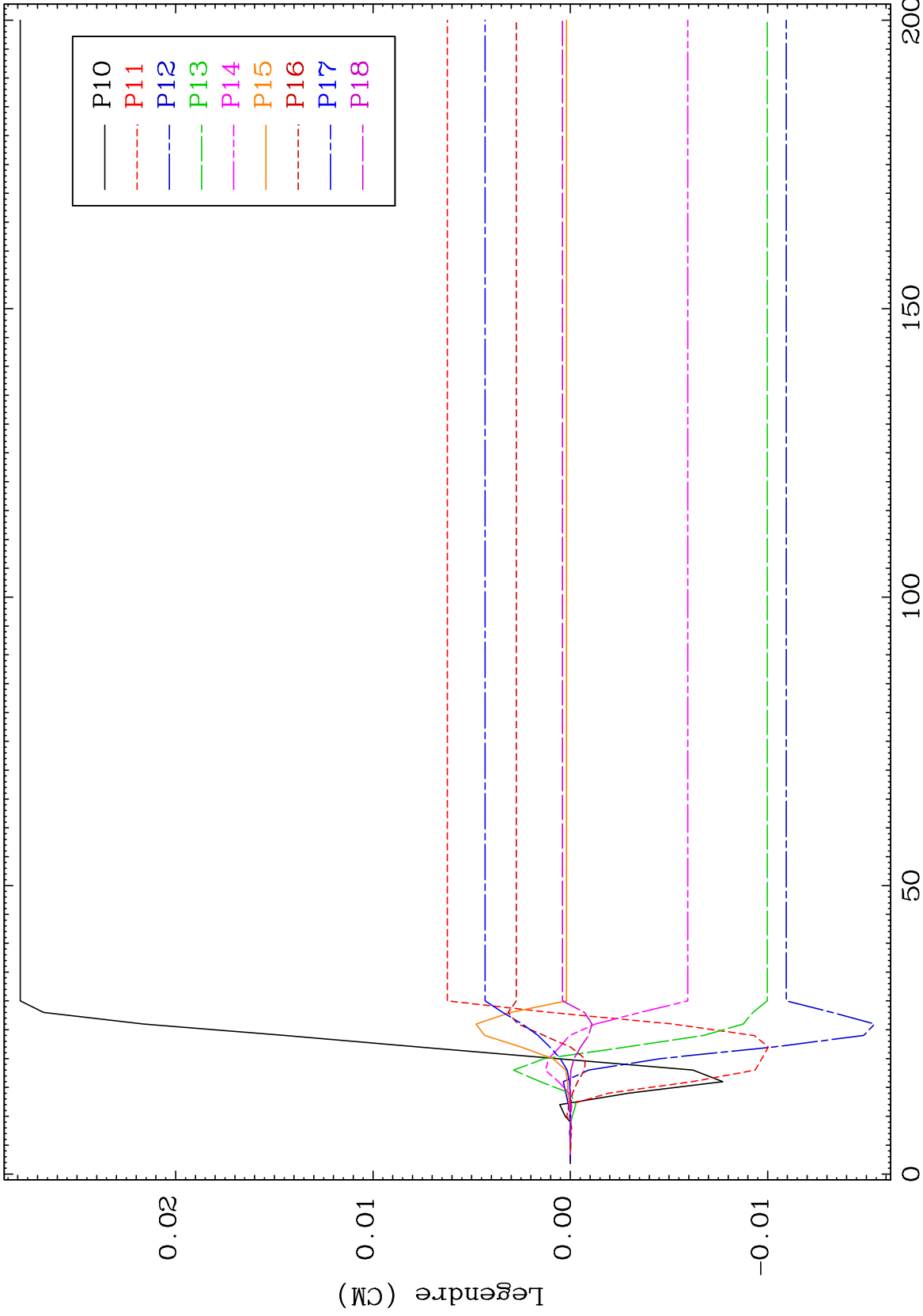
Incident Energy (MeV)

100

MAT 7801

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

78-Pt-182



101

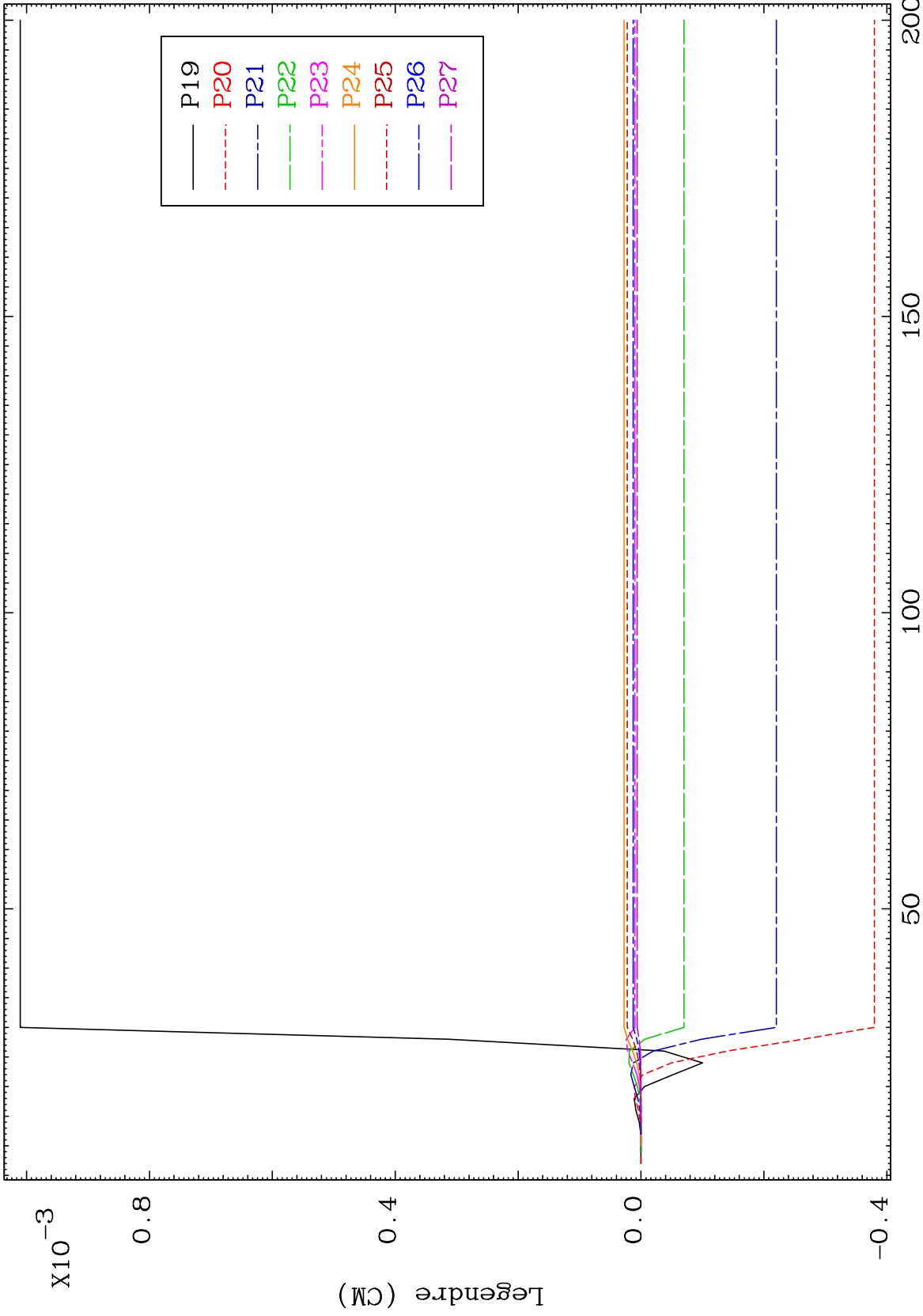
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



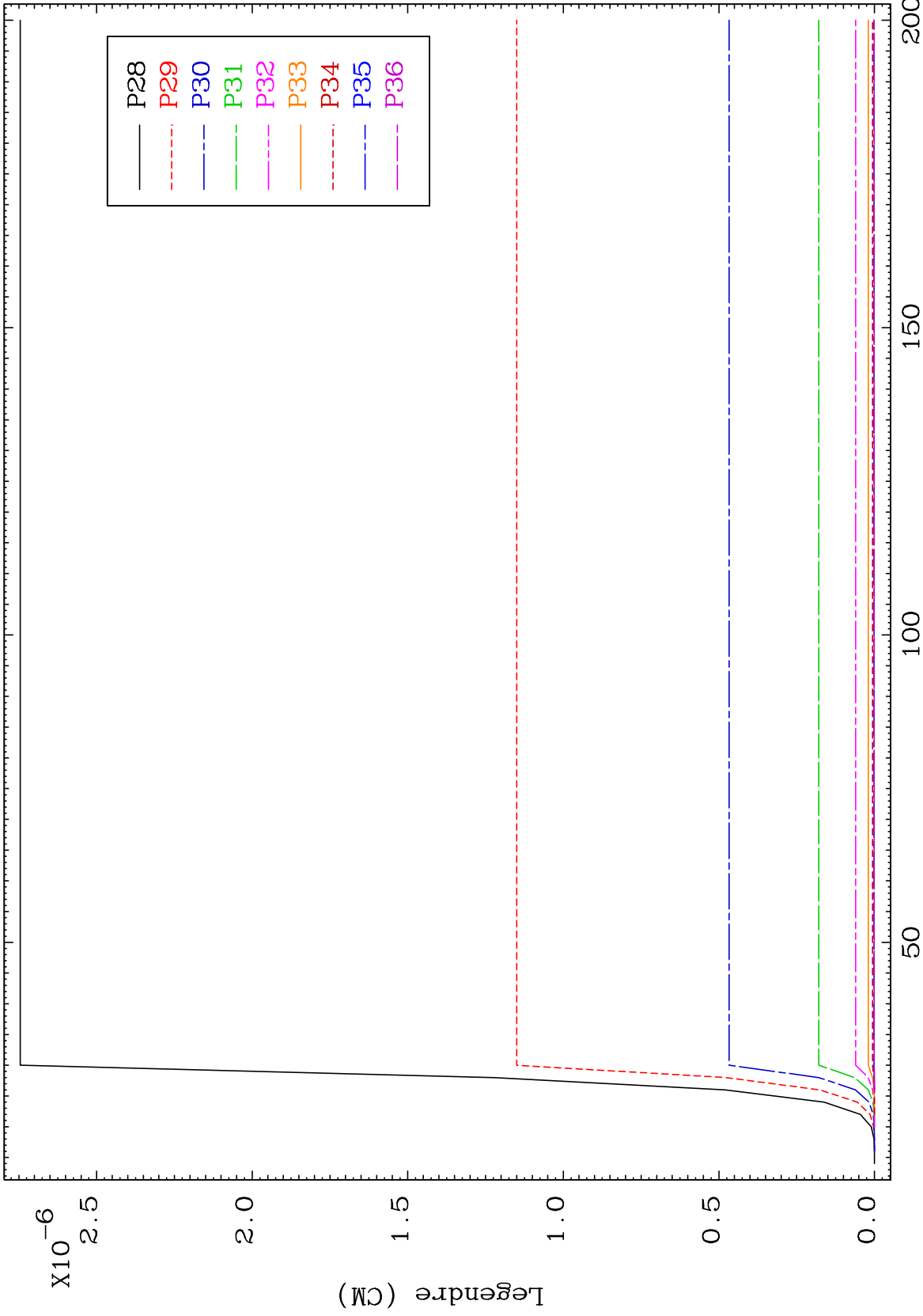
102

78-Pt-182

MAT 7801

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

78-Pt-182



103

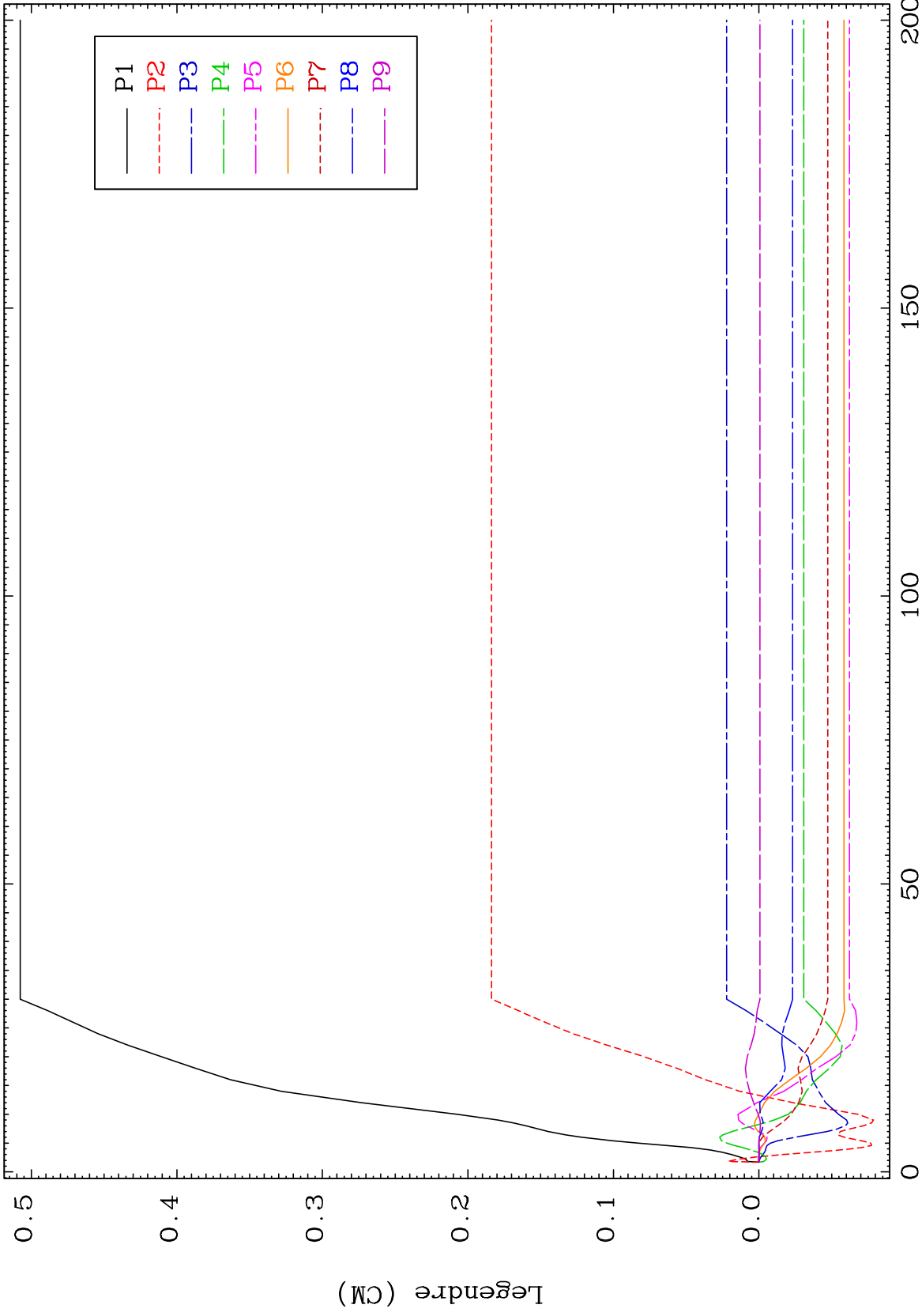
78-Pt-182



MAT 7801

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

78-Pt-182

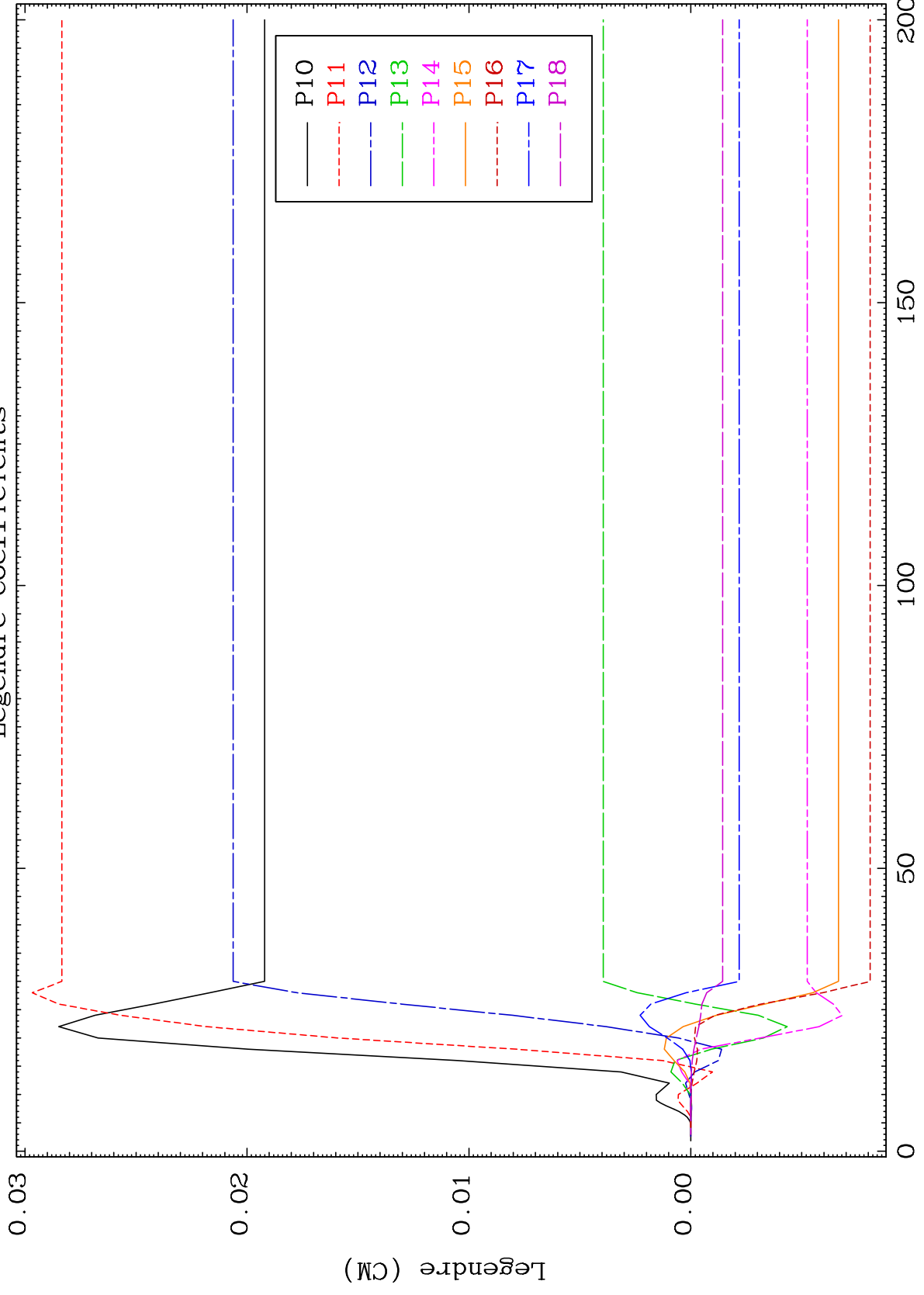


104

Incident Energy (MeV)

78-Pt-182

MAT 7801 MT= 73 (n,n') Level Legendre Coefficients 78-Pt-182

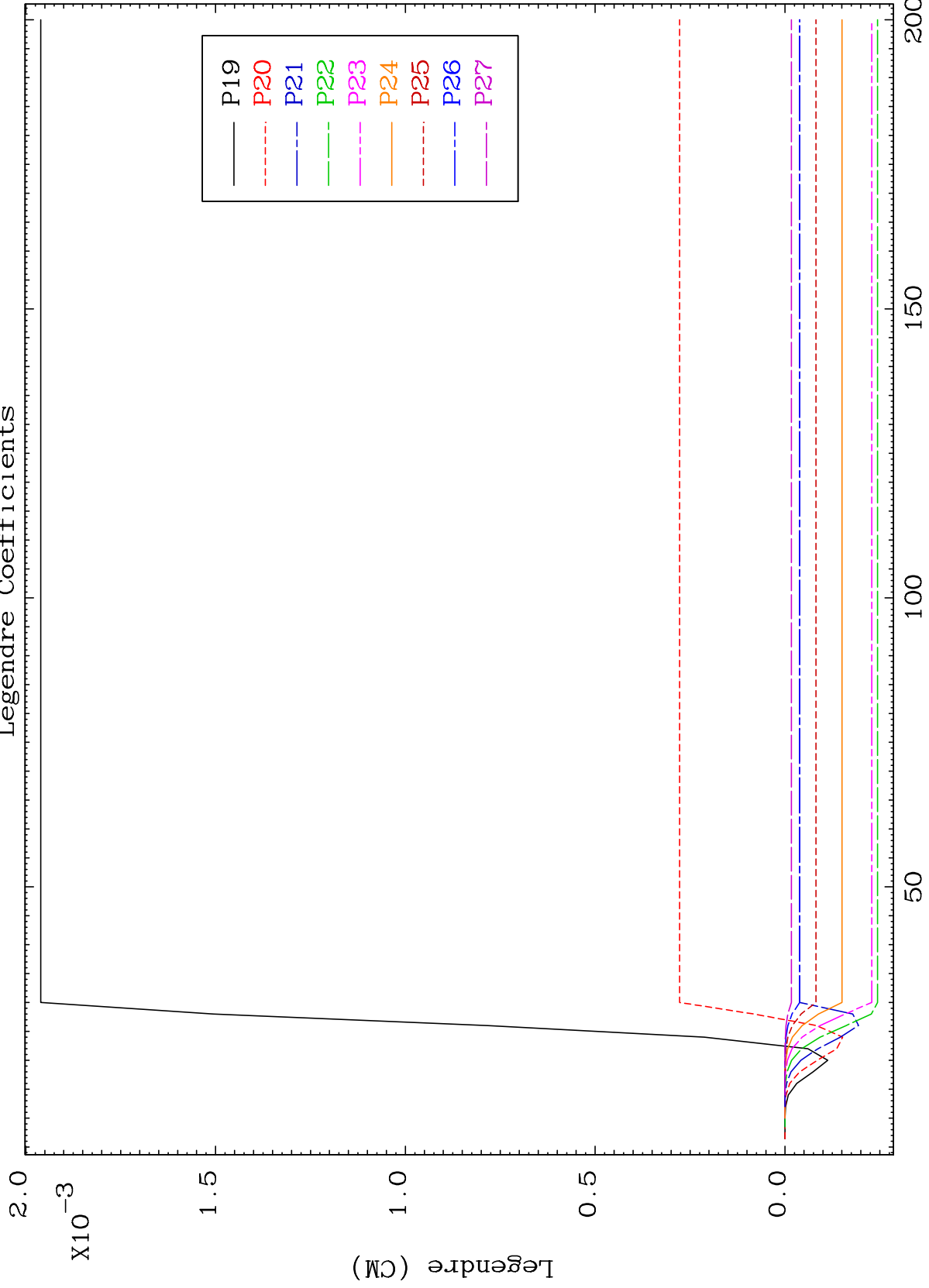


105 Incident Energy (MeV) 78-Pt-182

MAT 7801

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

78-Pt-182

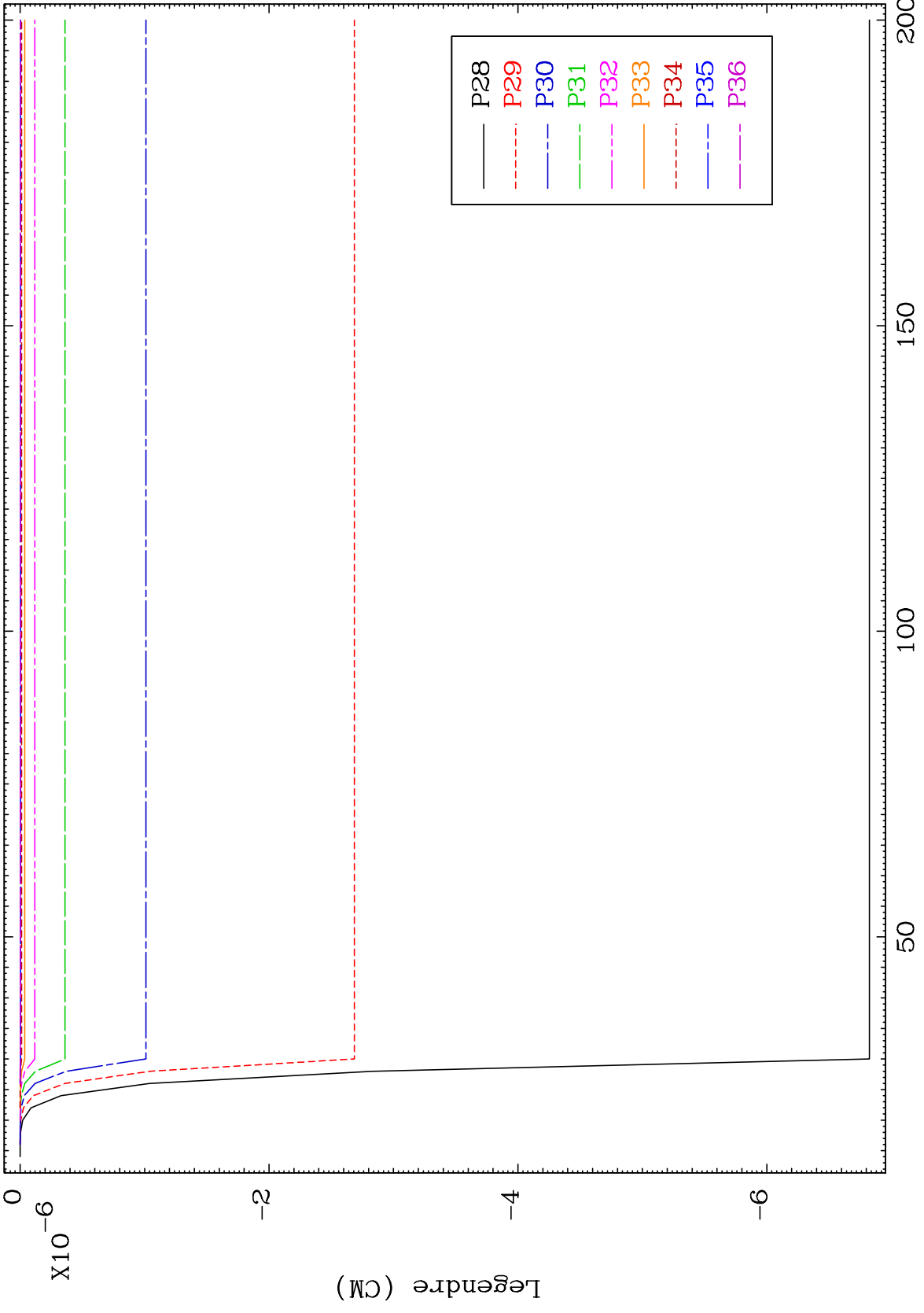


106

Incident Energy (MeV)

78-Pt-182

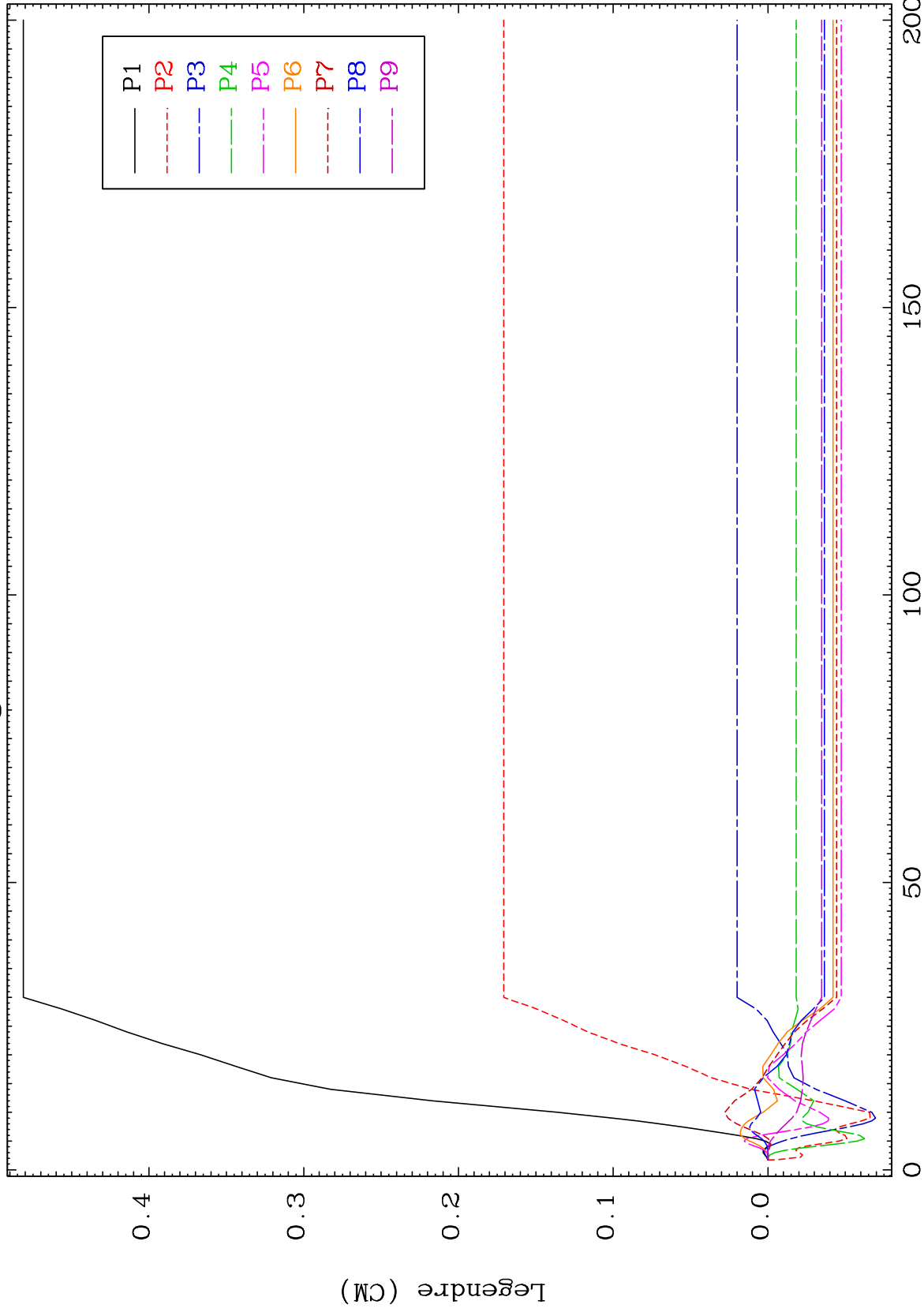
MAT 7801 MT= 73 (n,n') Level Legendre Coefficients 78-Pt-182



MAT 7801

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

78-Pt-182



108

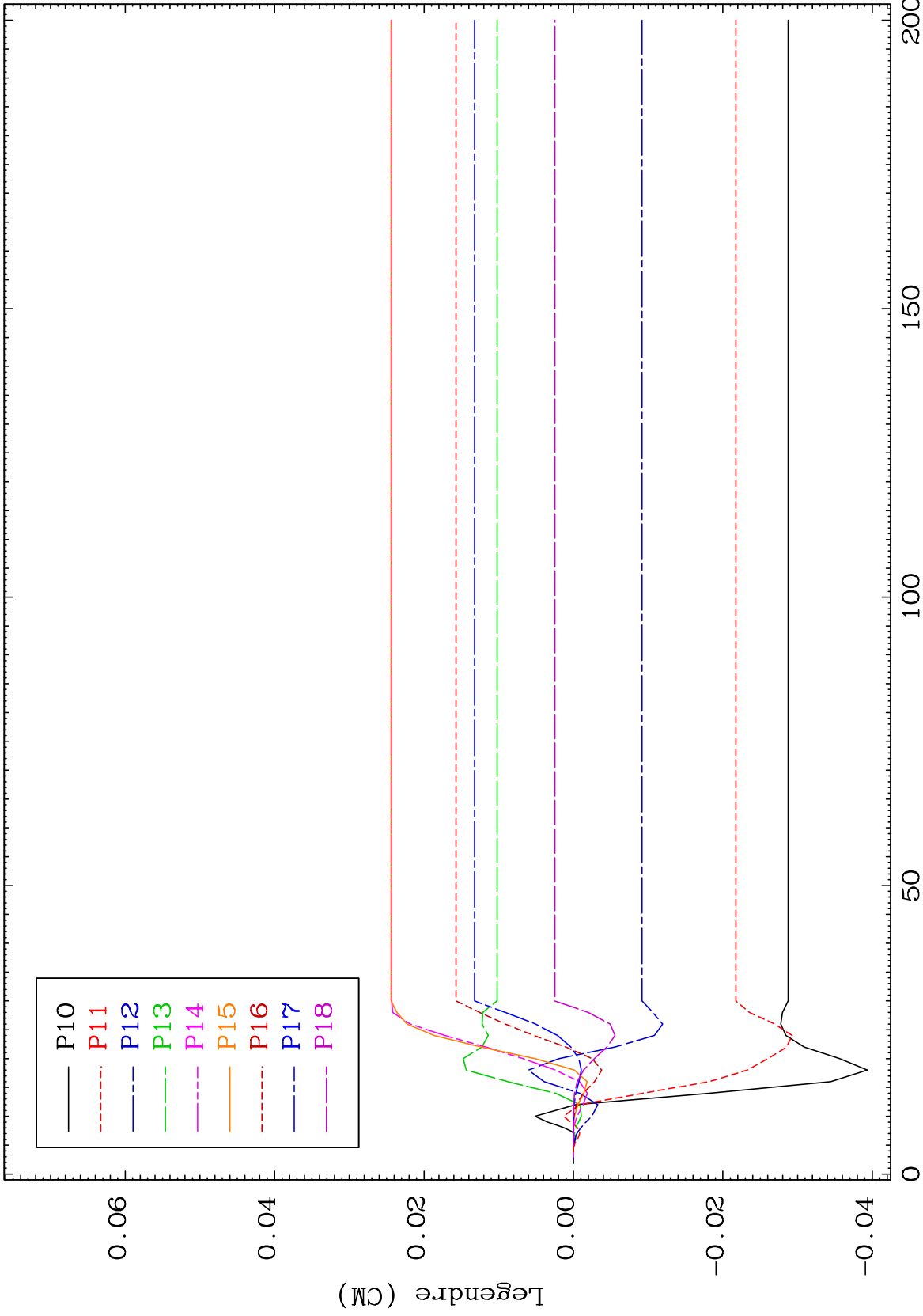
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



109

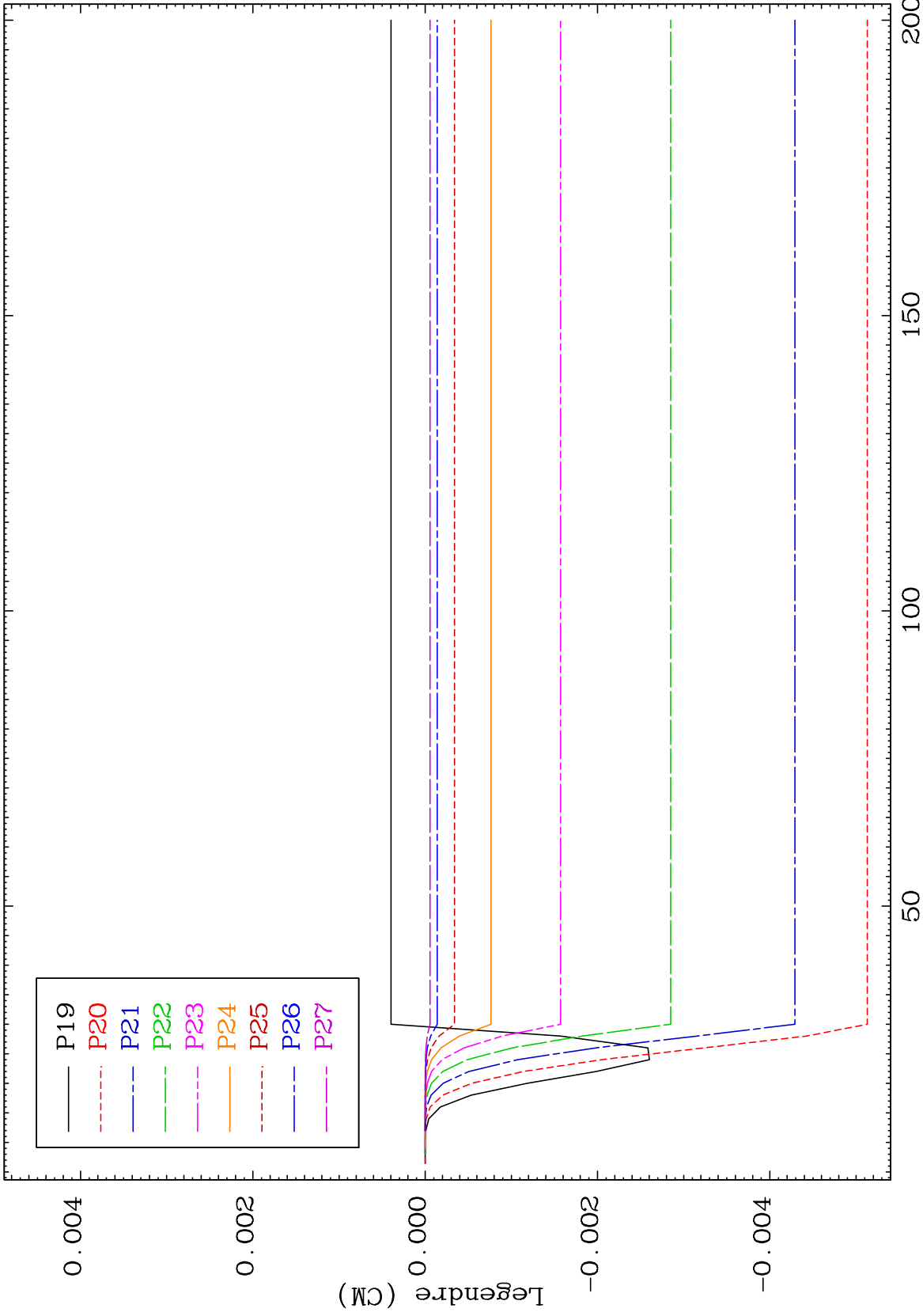
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



110

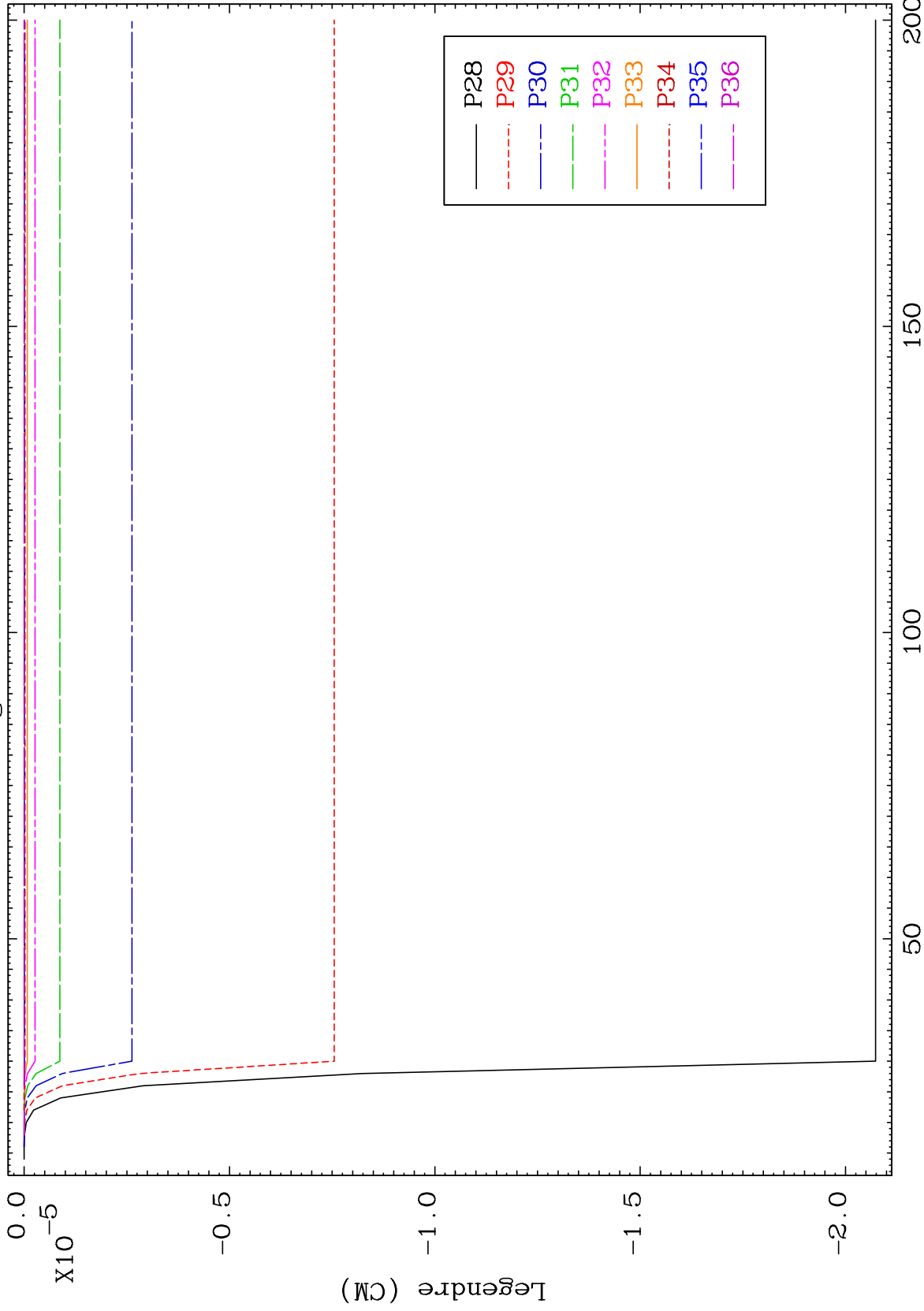
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



78-Pt-182

Incident Energy (MeV)

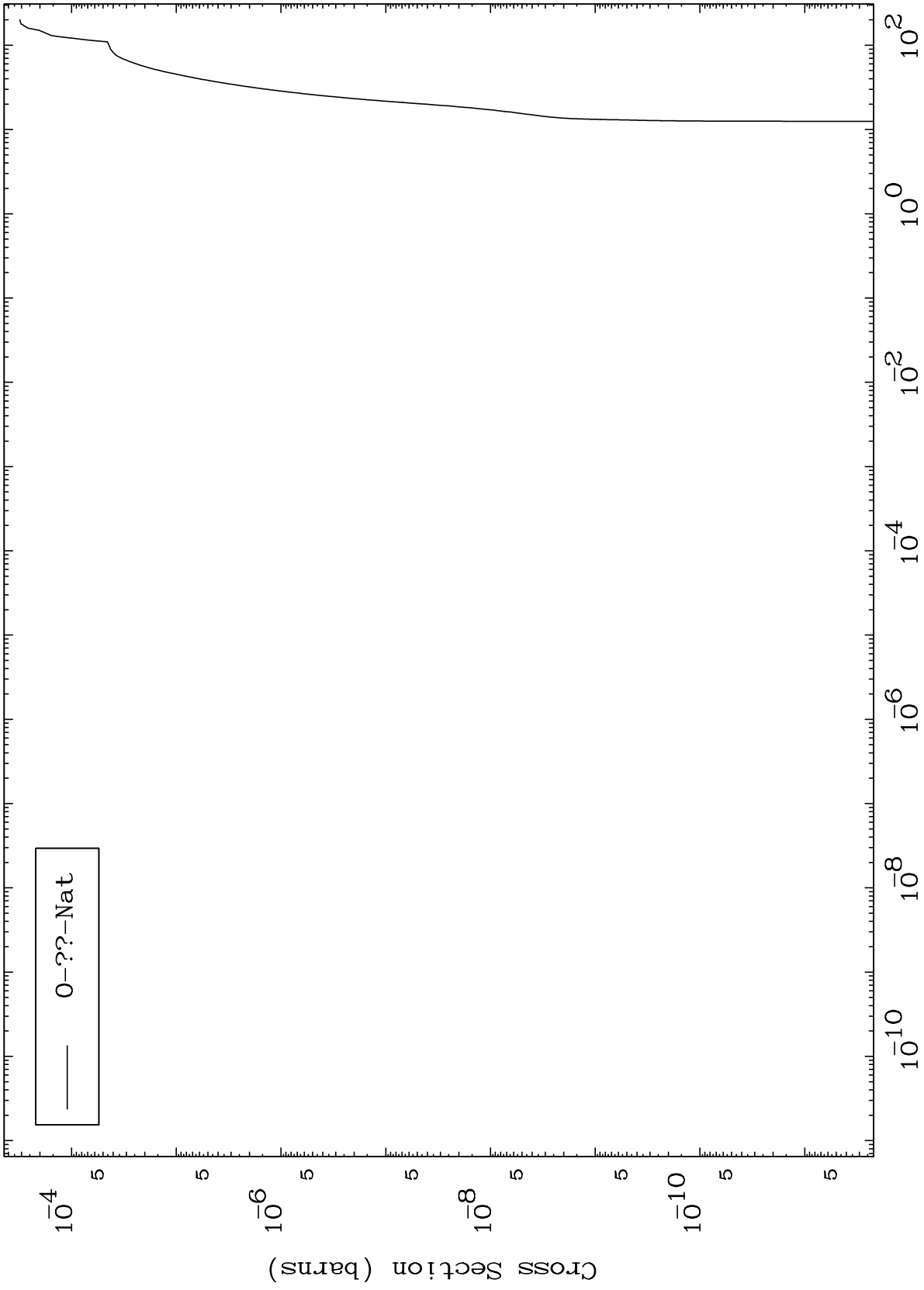
111



MAT 7801

Fission  
Radionuclide Production Cross Section

78-Pt-182



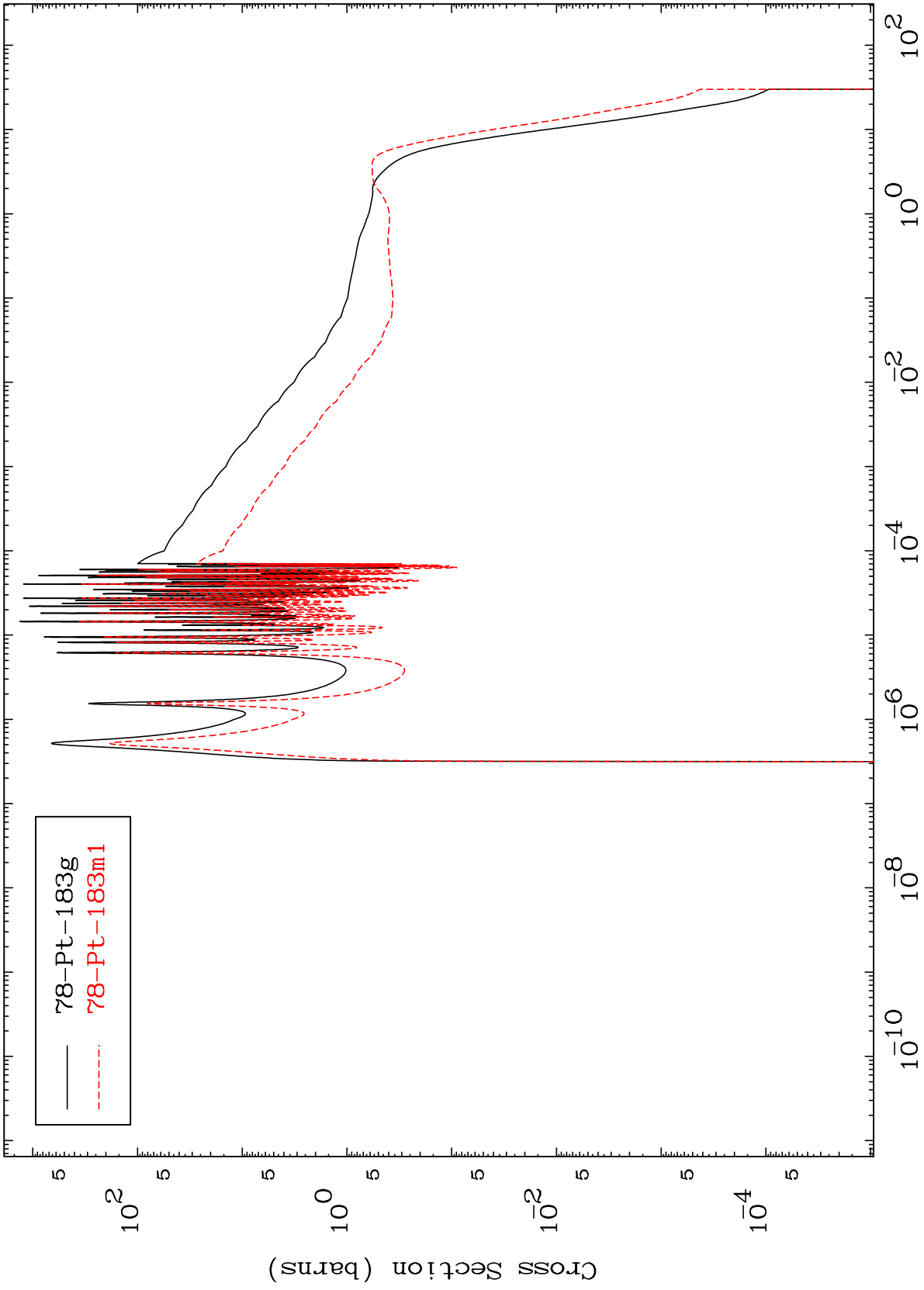
112

78-Pt-182

MAT 7801

78-Pt-182

(n,γ)  
Radionuclide Production Cross Section



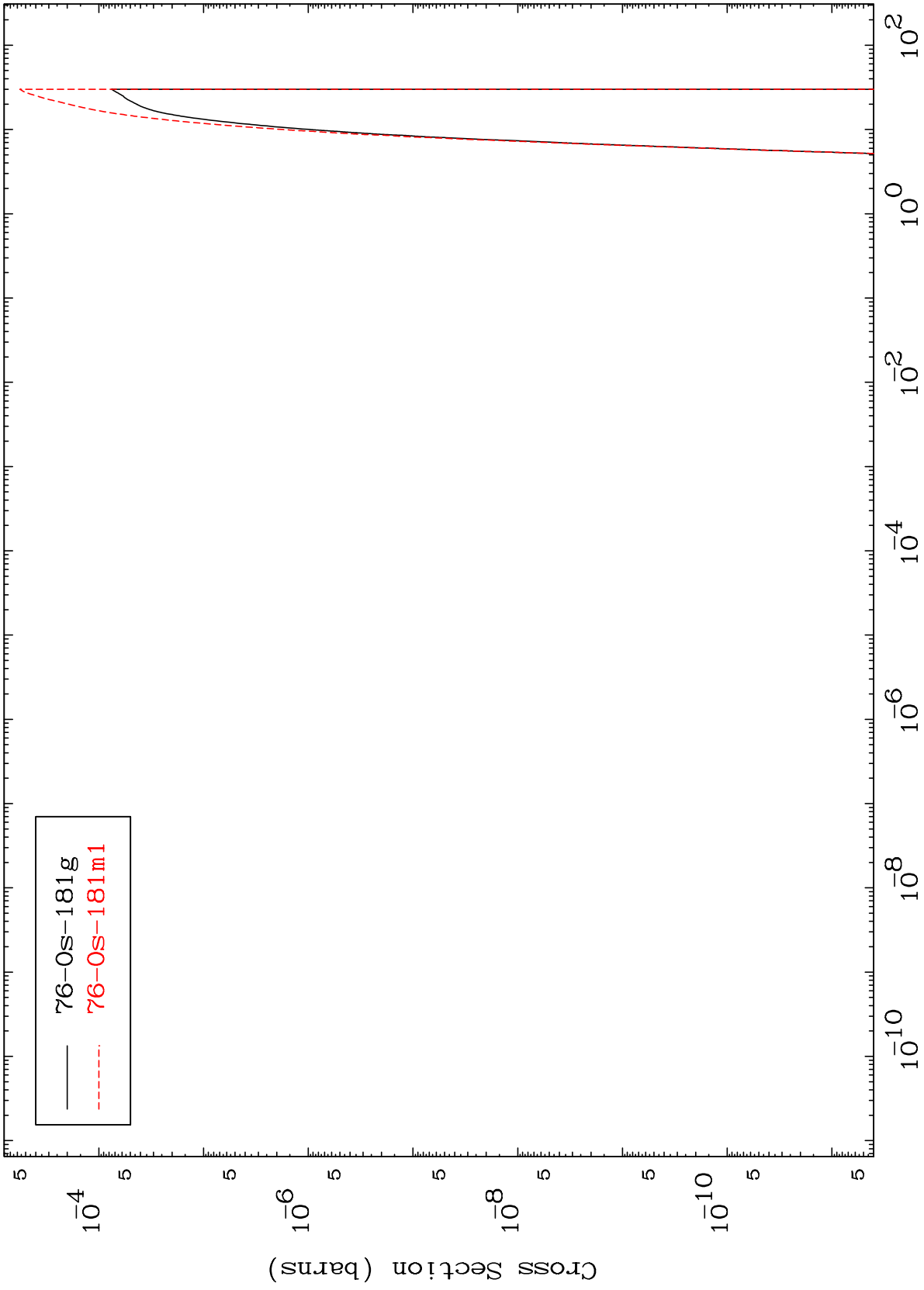
113

78-Pt-182

MAT 7801

(n,2p)  
Radionuclide Production Cross Section

78-Pt-182



114

78-Pt-182