

Program EVALPLOT  
(Version 2018-1)

by

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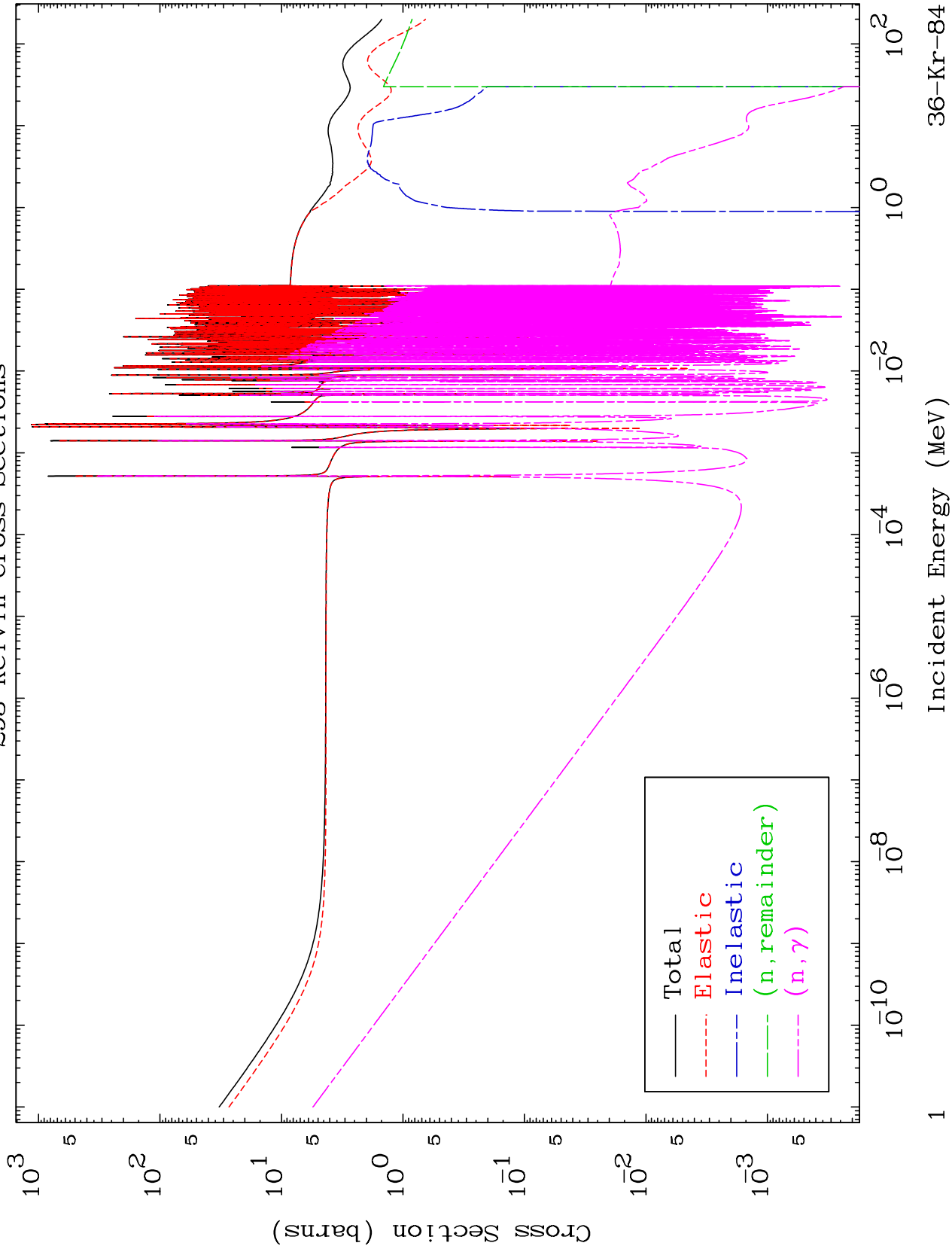
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3643

Major  
293 Kelvin Cross Sections

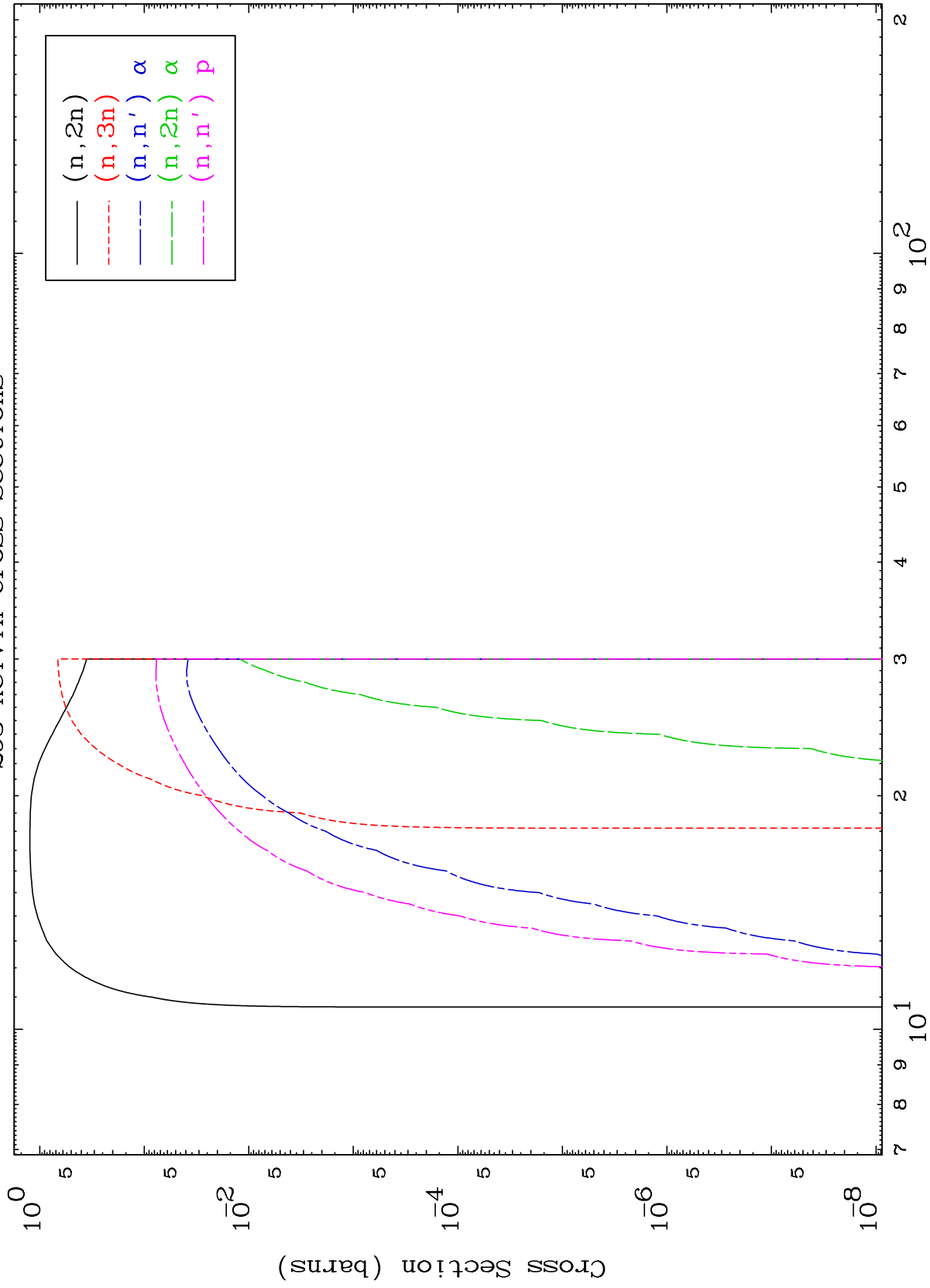
36-Kr-84



MAT 3643

Neutron Production  
293 Kelvin Cross Sections

36-Kr-84



2

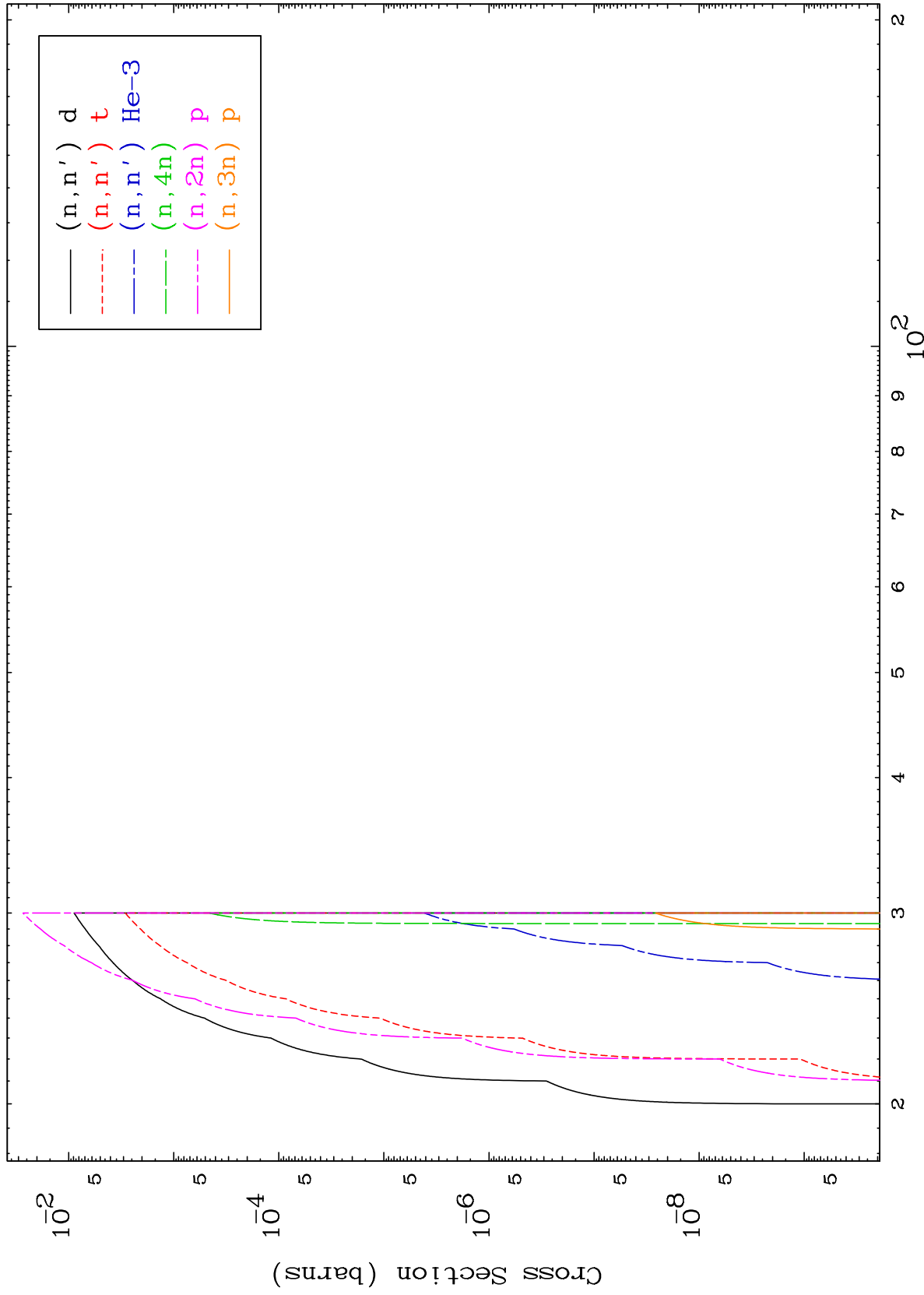
Incident Energy (MeV)

36-Kr-84

MAT 3643

### Neutron Production 293 Kelvin Cross Sections

36-Kr-84



3

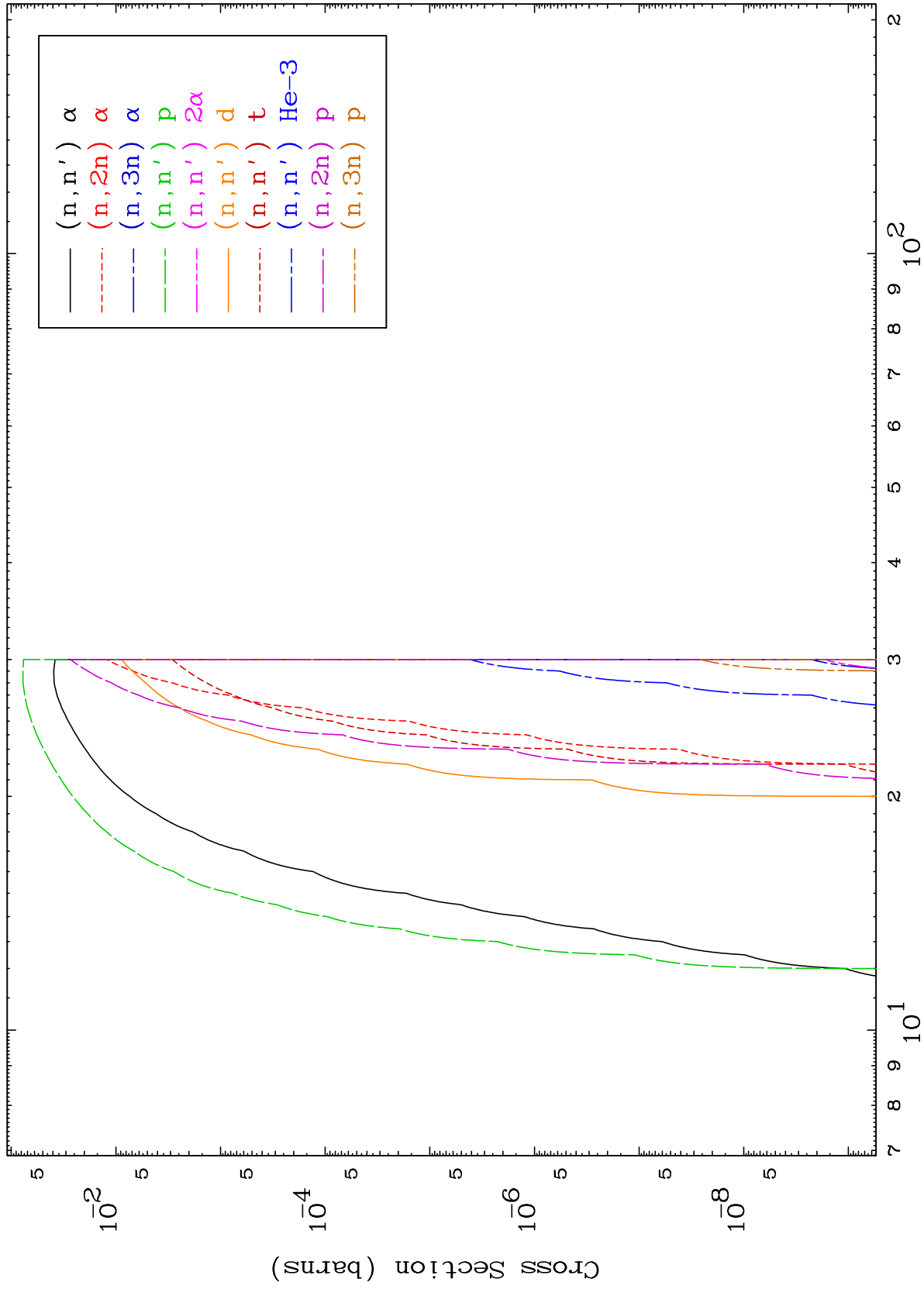
Incident Energy (MeV)

36-Kr-84

MAT 3643

Charged Particle  
293 Kelvin Cross Sections

36-Kr-84



4

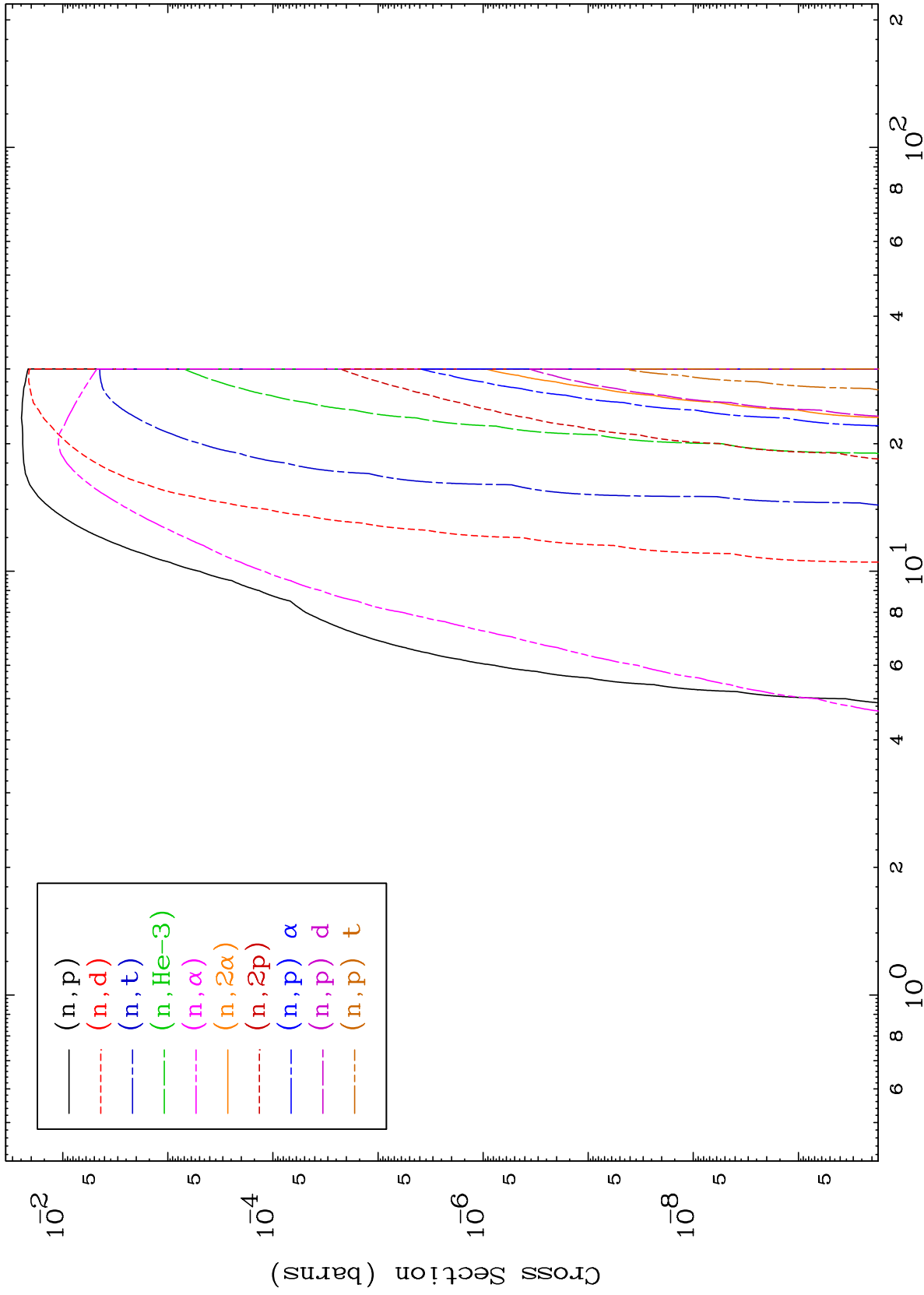
Incident Energy (MeV)

36-Kr-84

MAT 3643

293 Kelvin Cross Sections

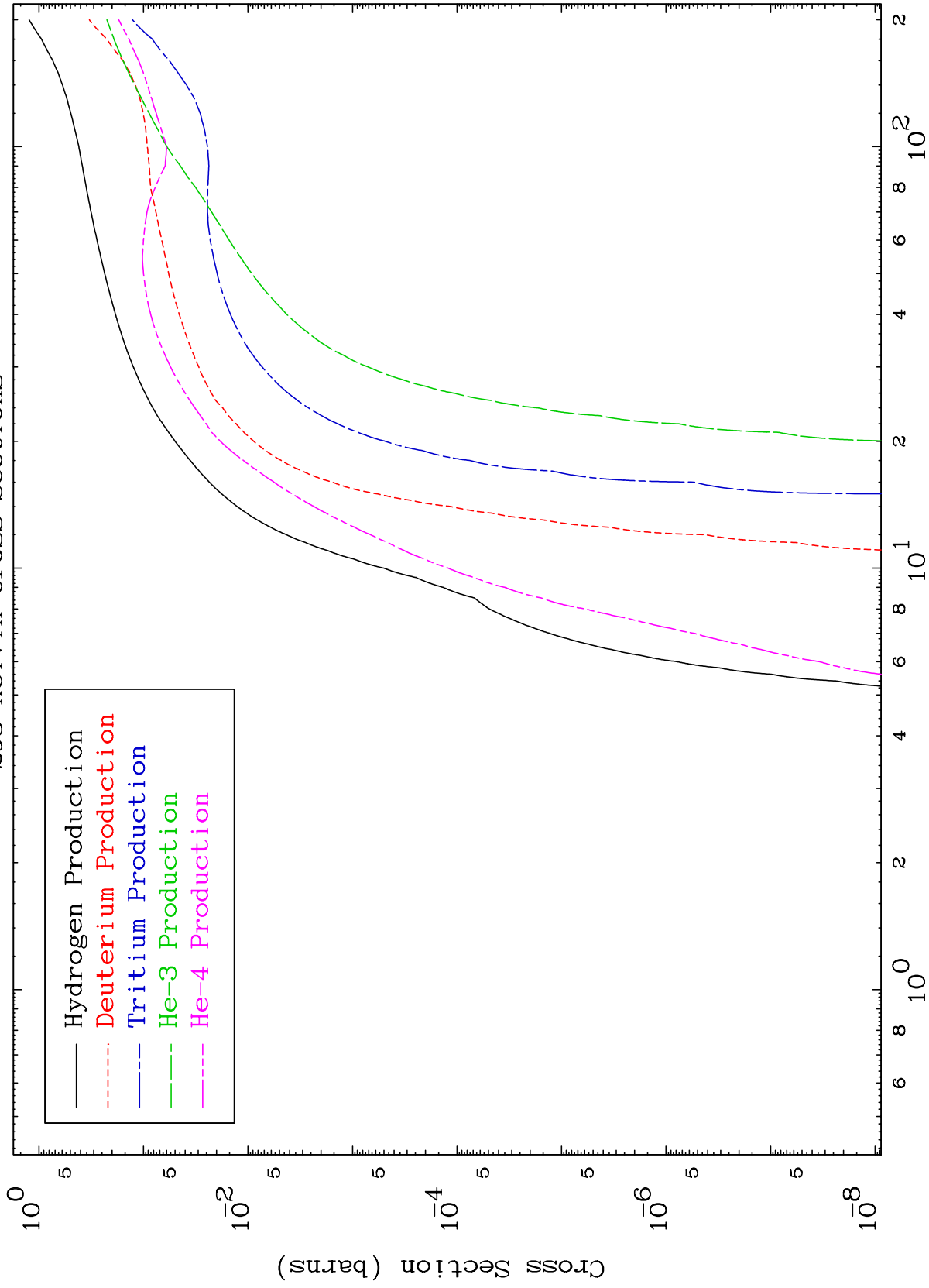
36-Kr-84



MAT 3643

Particle Production  
293 Kelvin Cross Sections

36-Kr-84



6

Incident Energy (MeV)

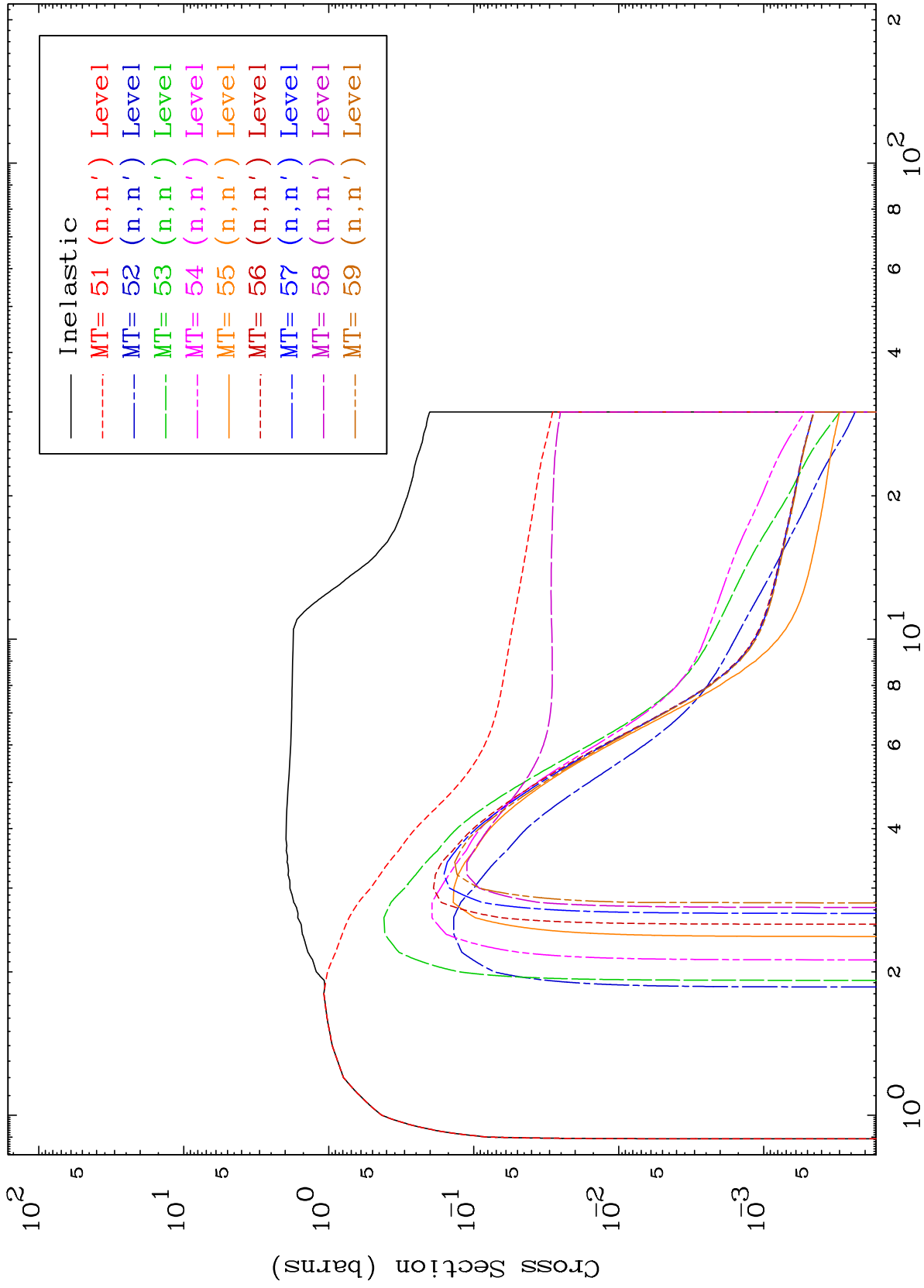
36-Kr-84

MAT 3643

(n,n') Level

36-Kr-84

293 Kelvin Cross Sections



7

Incident Energy (MeV)

36-Kr-84

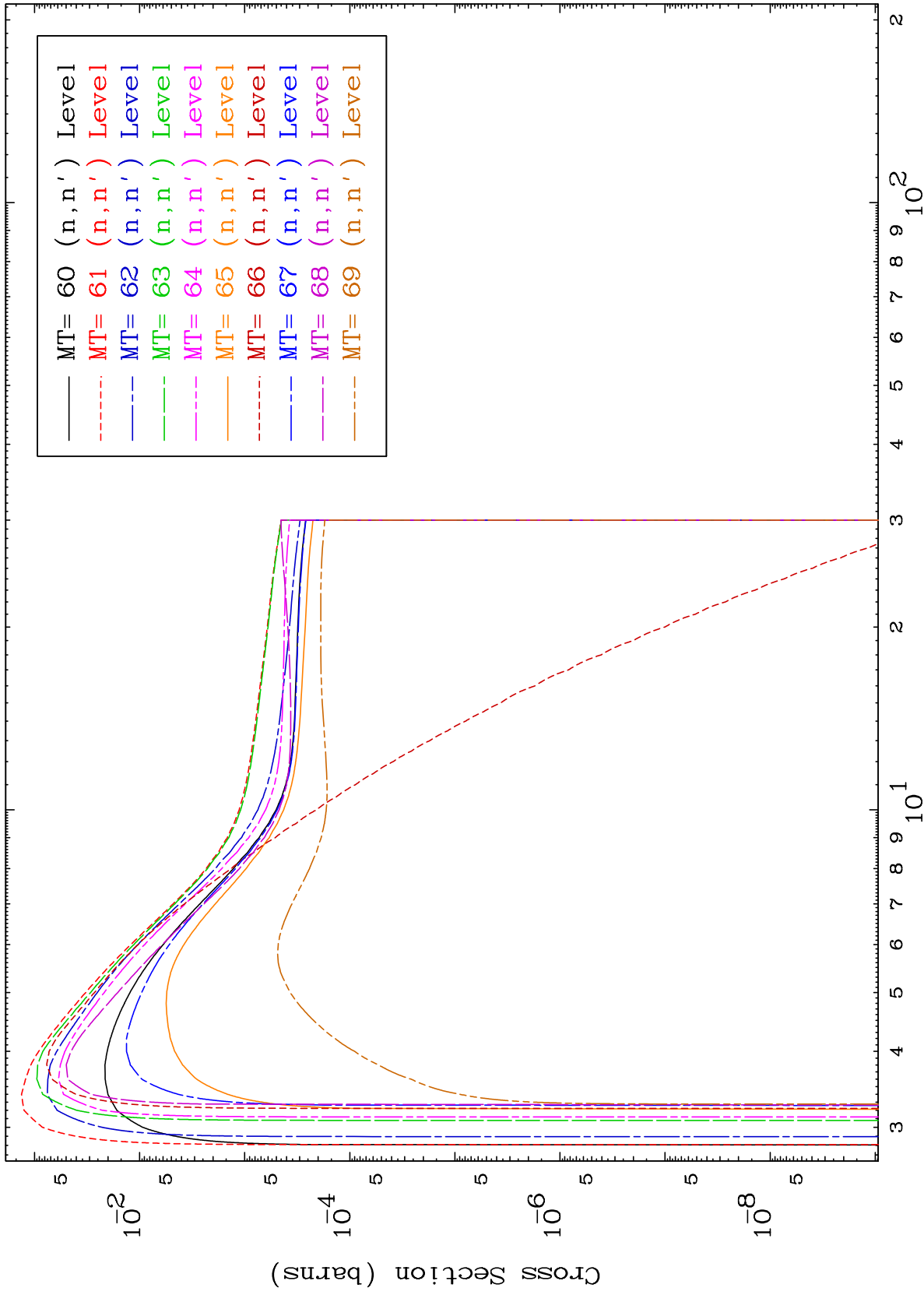


MAT 3643

(n,n') Level

36-Kr-84

293 Kelvin Cross Sections



8

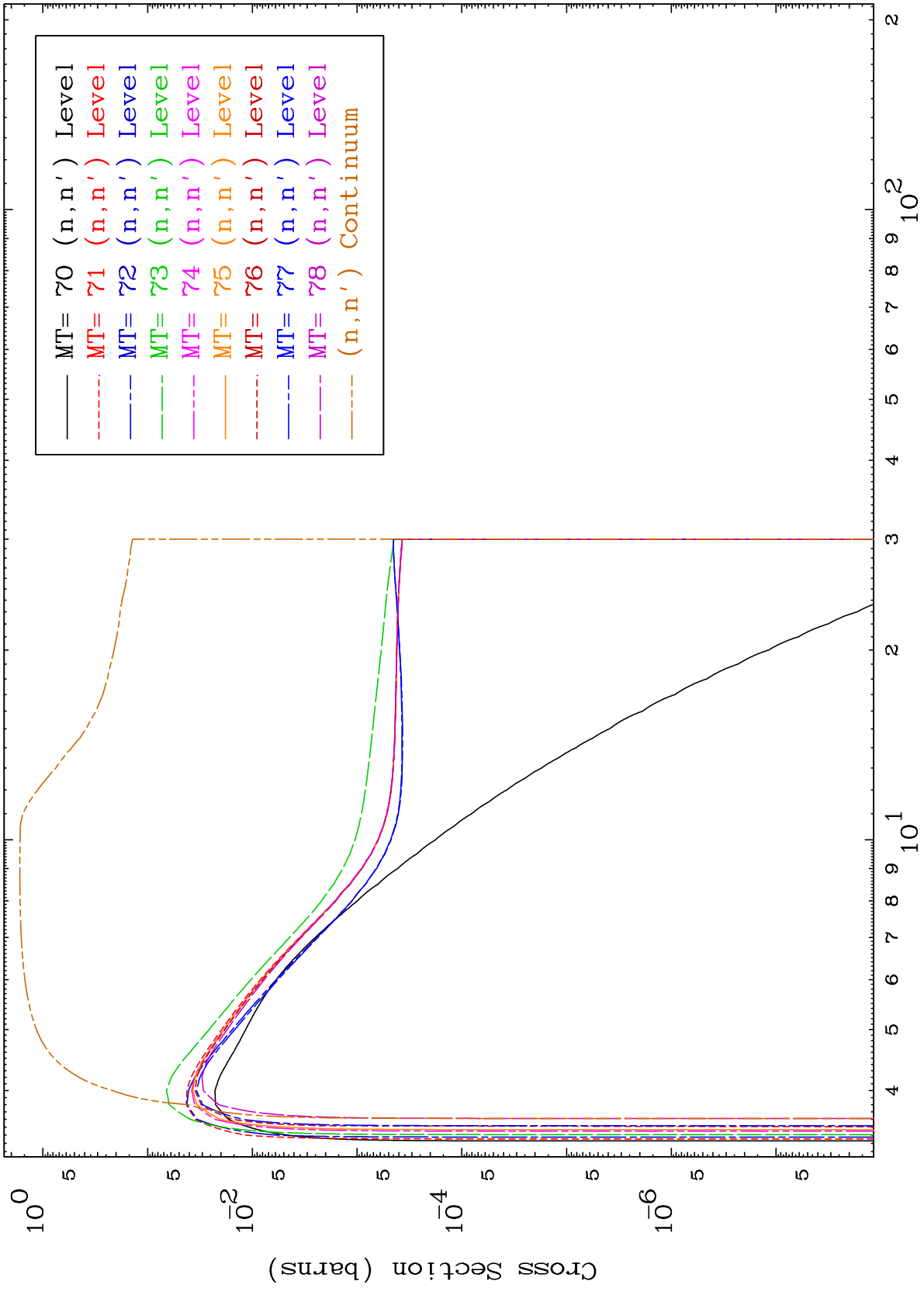
Incident Energy (MeV)

36-Kr-84

MAT 3643

(n,n') Level  
293 Kelvin Cross Sections

36-Kr-84



9

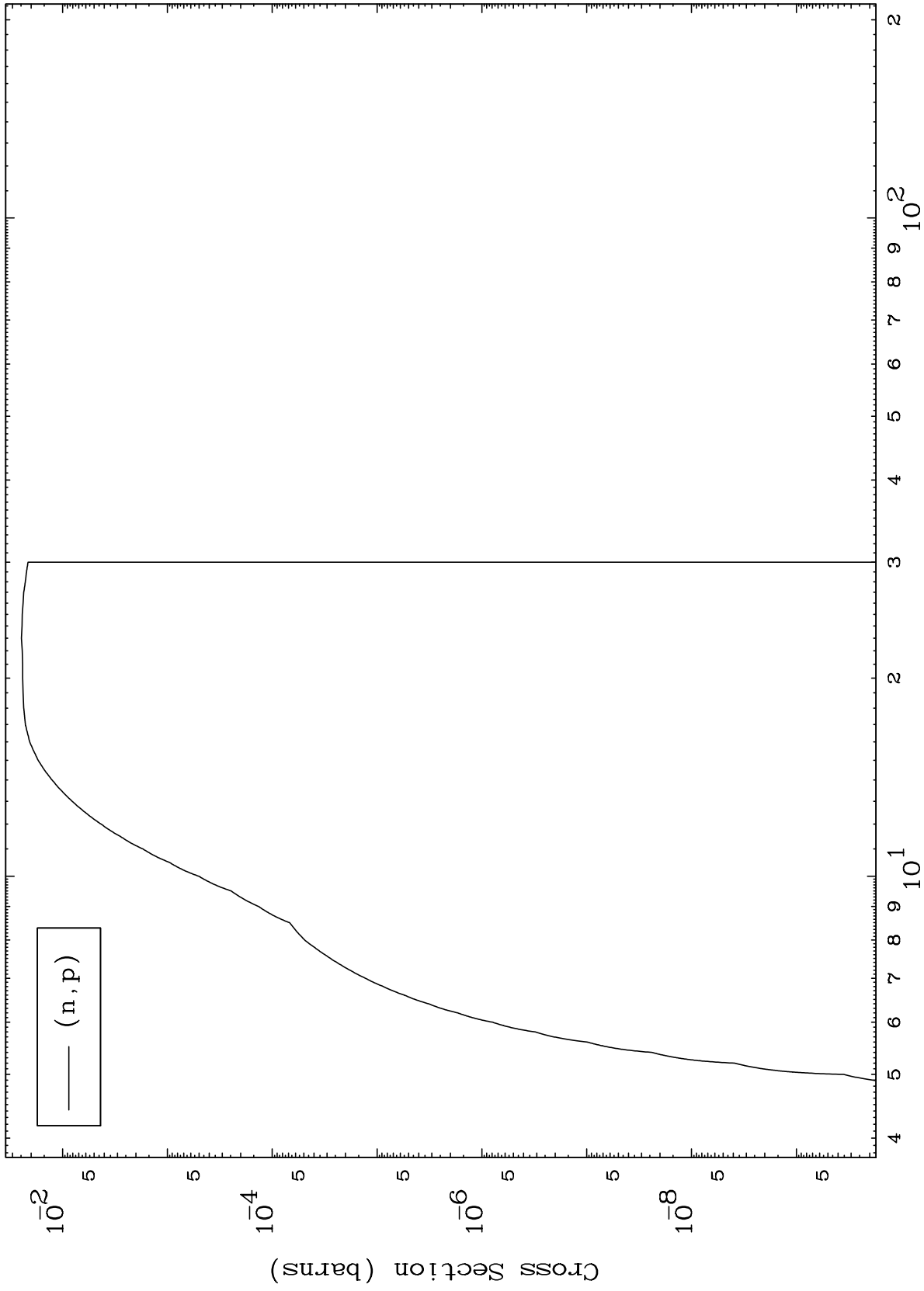
Incident Energy (MeV)

36-Kr-84

MAT 3643

(n,p) Levels  
293 Kelvin Cross Sections

36-Kr-84



10

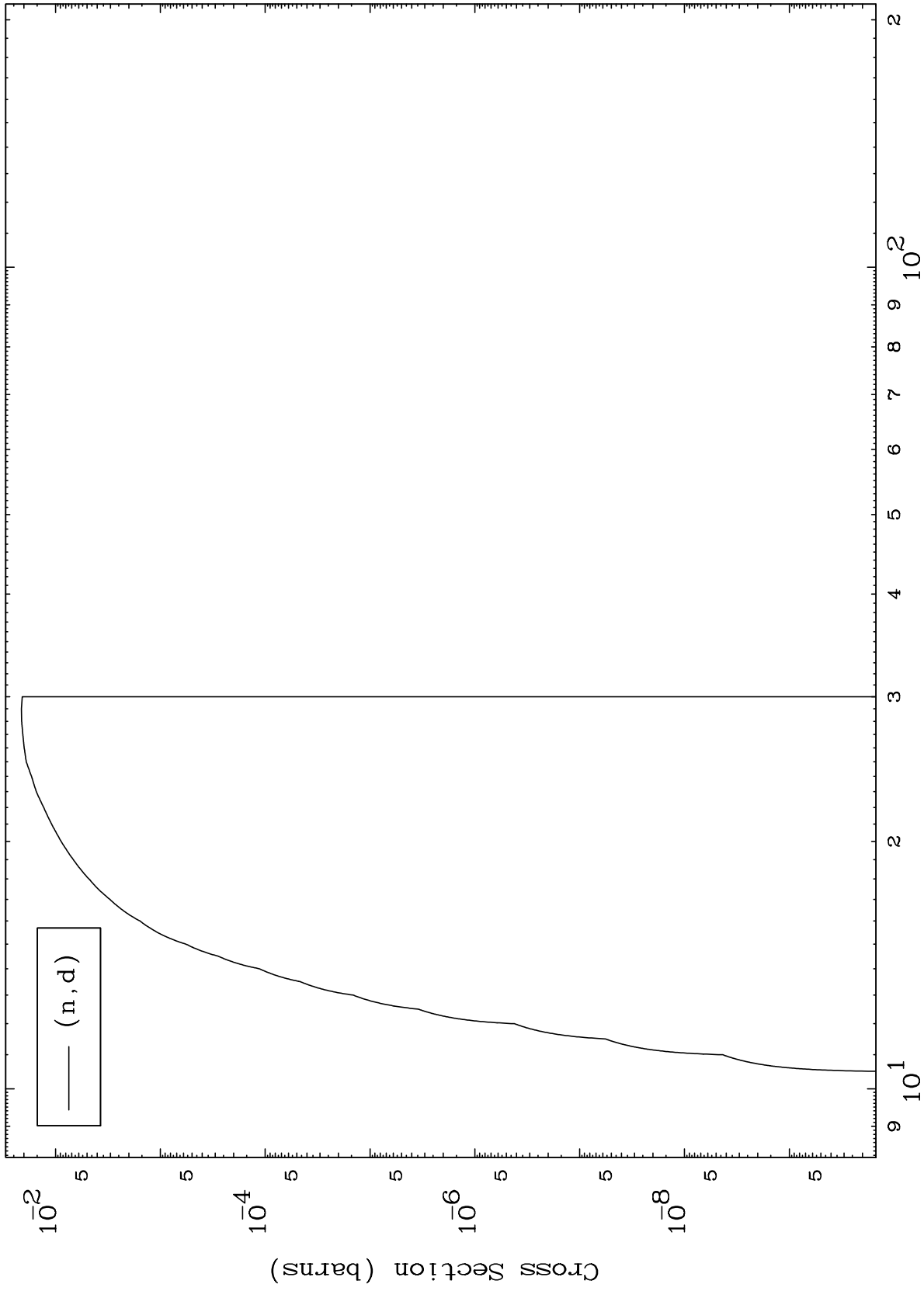
Incident Energy (MeV)

36-Kr-84

MAT 3643

(n,d) Levels  
293 Kelvin Cross Sections

36-Kr-84



11

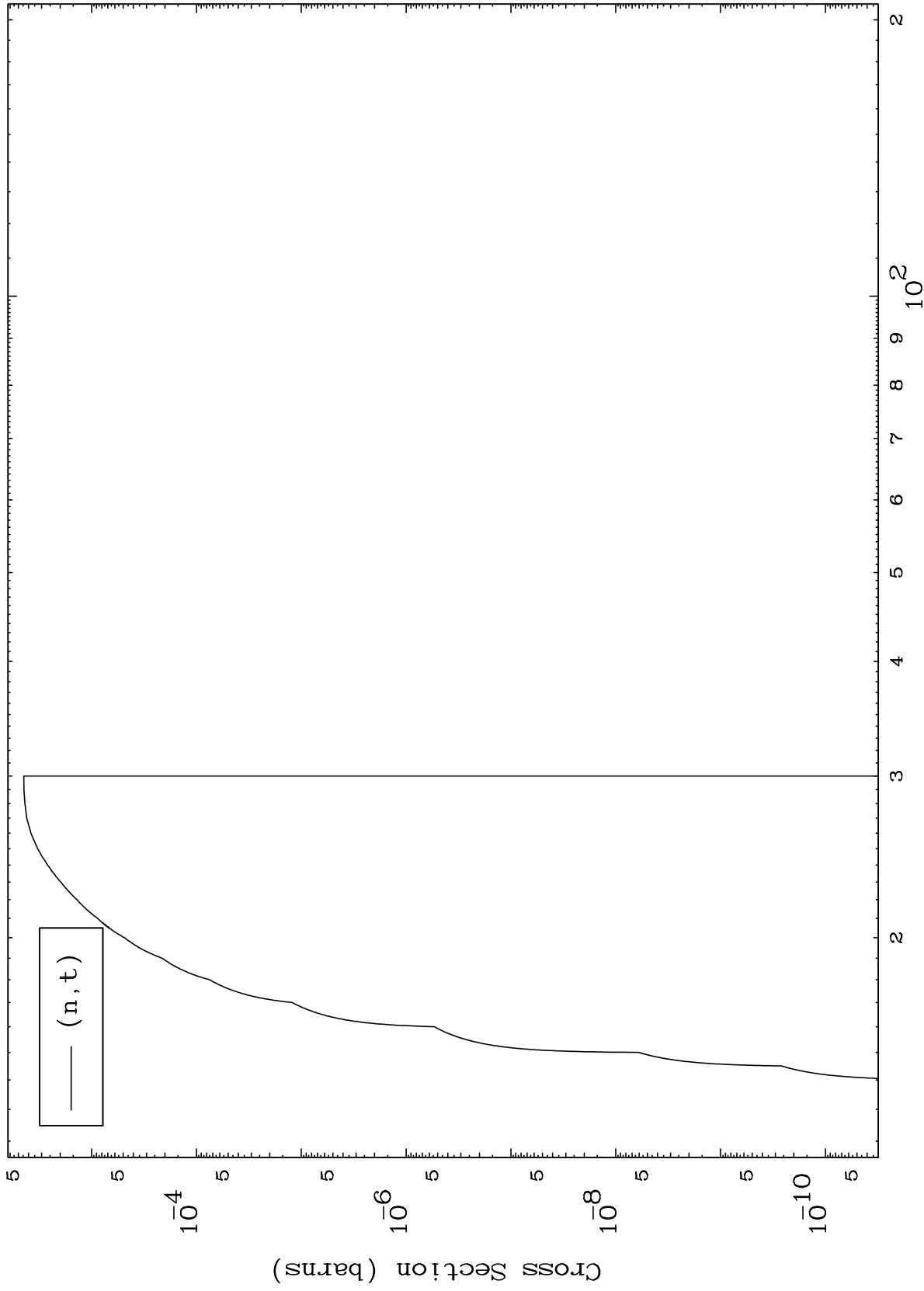
Incident Energy (MeV)

36-Kr-84

MAT 3643

(n,t) Levels  
293 Kelvin Cross Sections

36-Kr-84



12

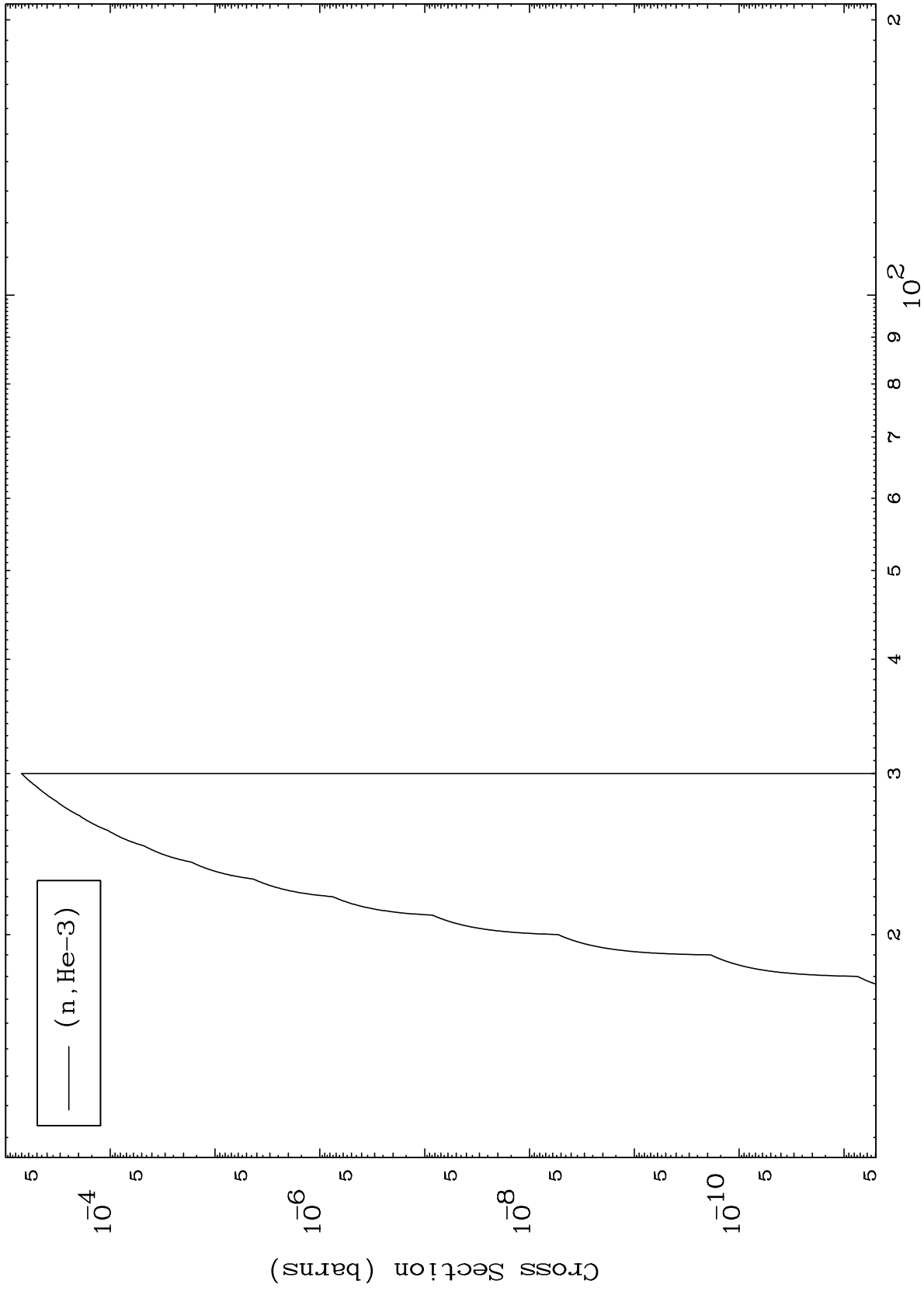
Incident Energy (MeV)

36-Kr-84

MAT 3643

(n,He3) Levels  
293 Kelvin Cross Sections

36-Kr-84



13

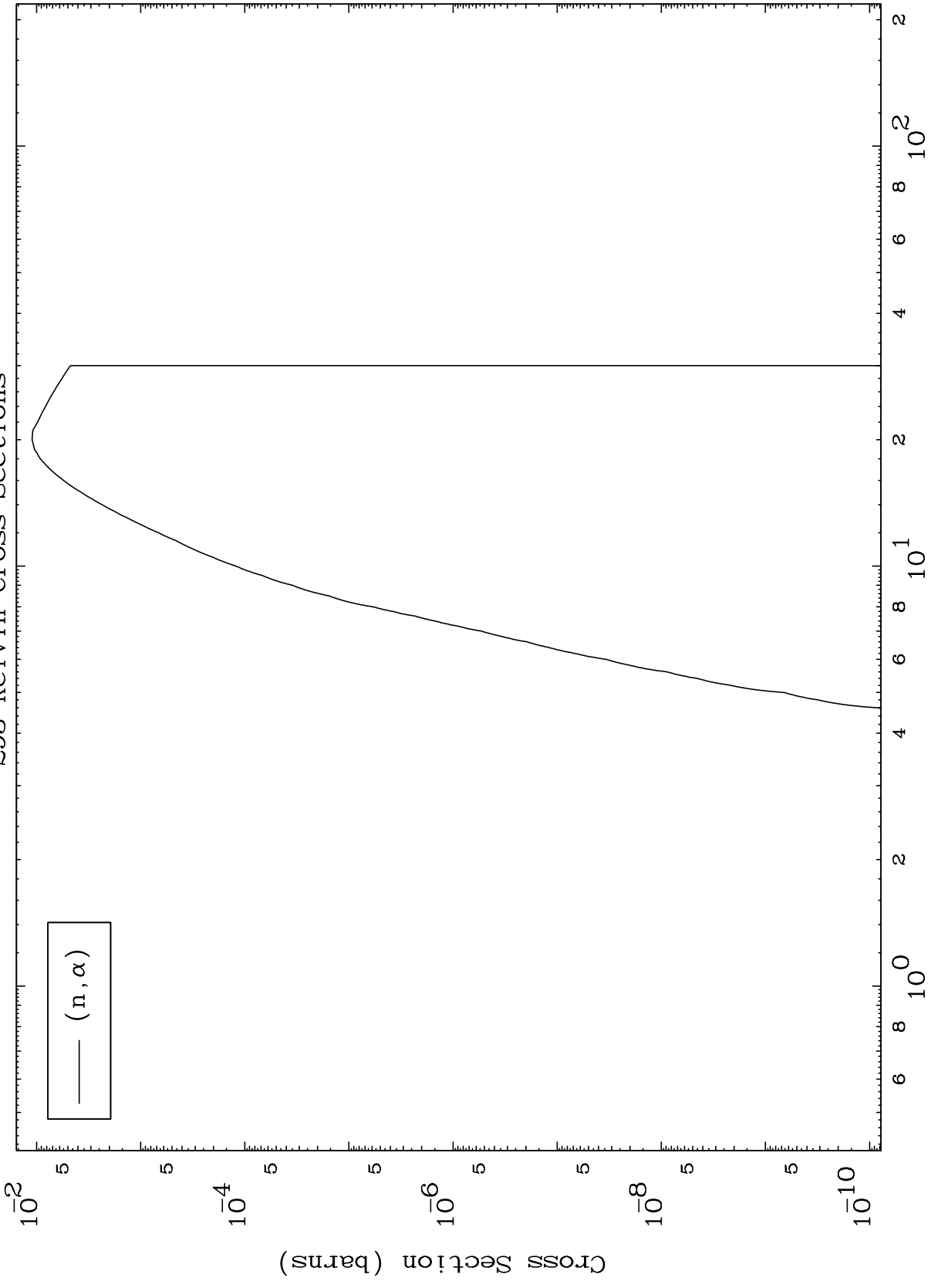
Incident Energy (MeV)

36-Kr-84

MAT 3643

(n,α) Levels  
293 Kelvin Cross Sections

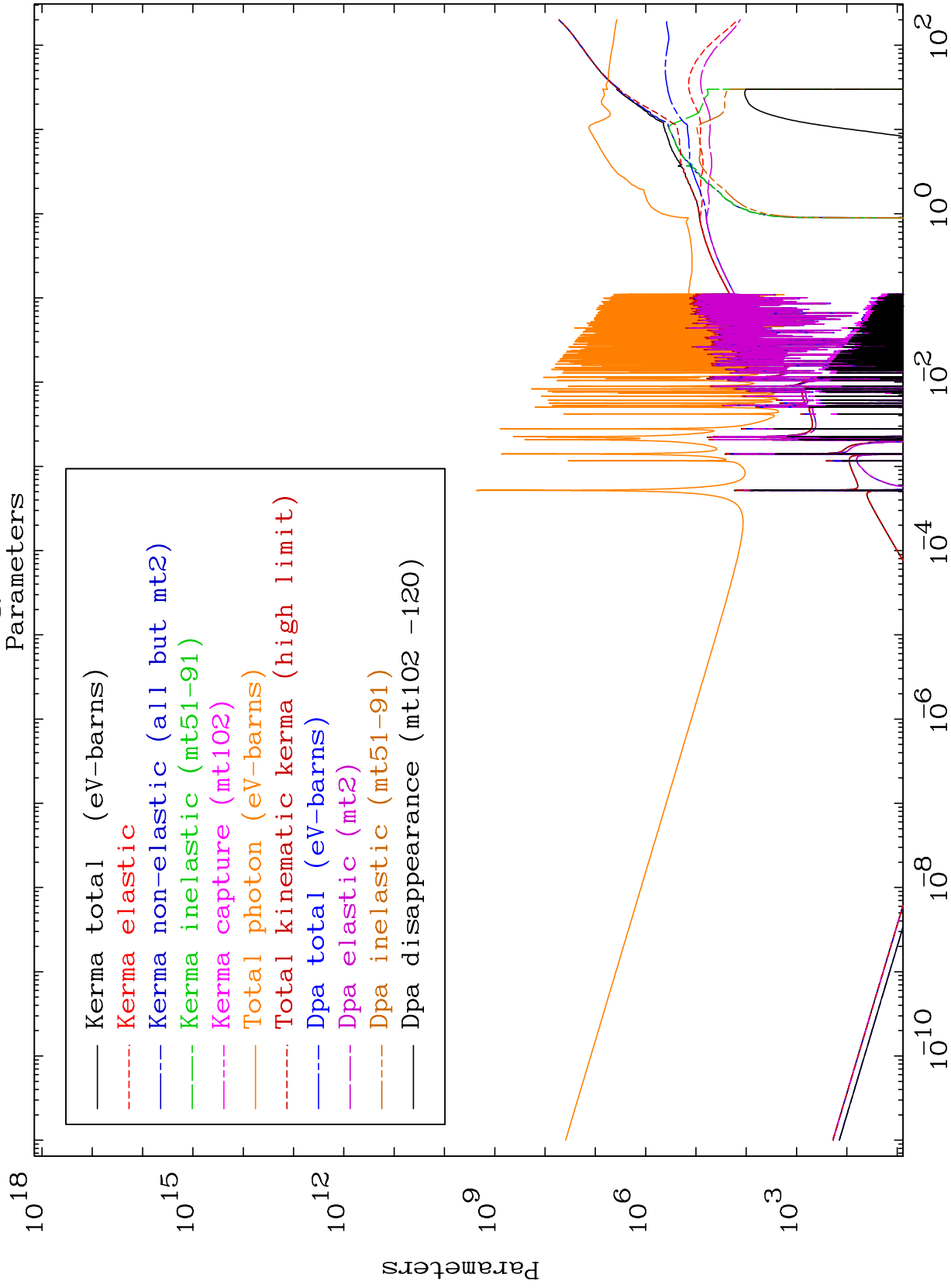
36-Kr-84



14

Incident Energy (MeV)

36-Kr-84

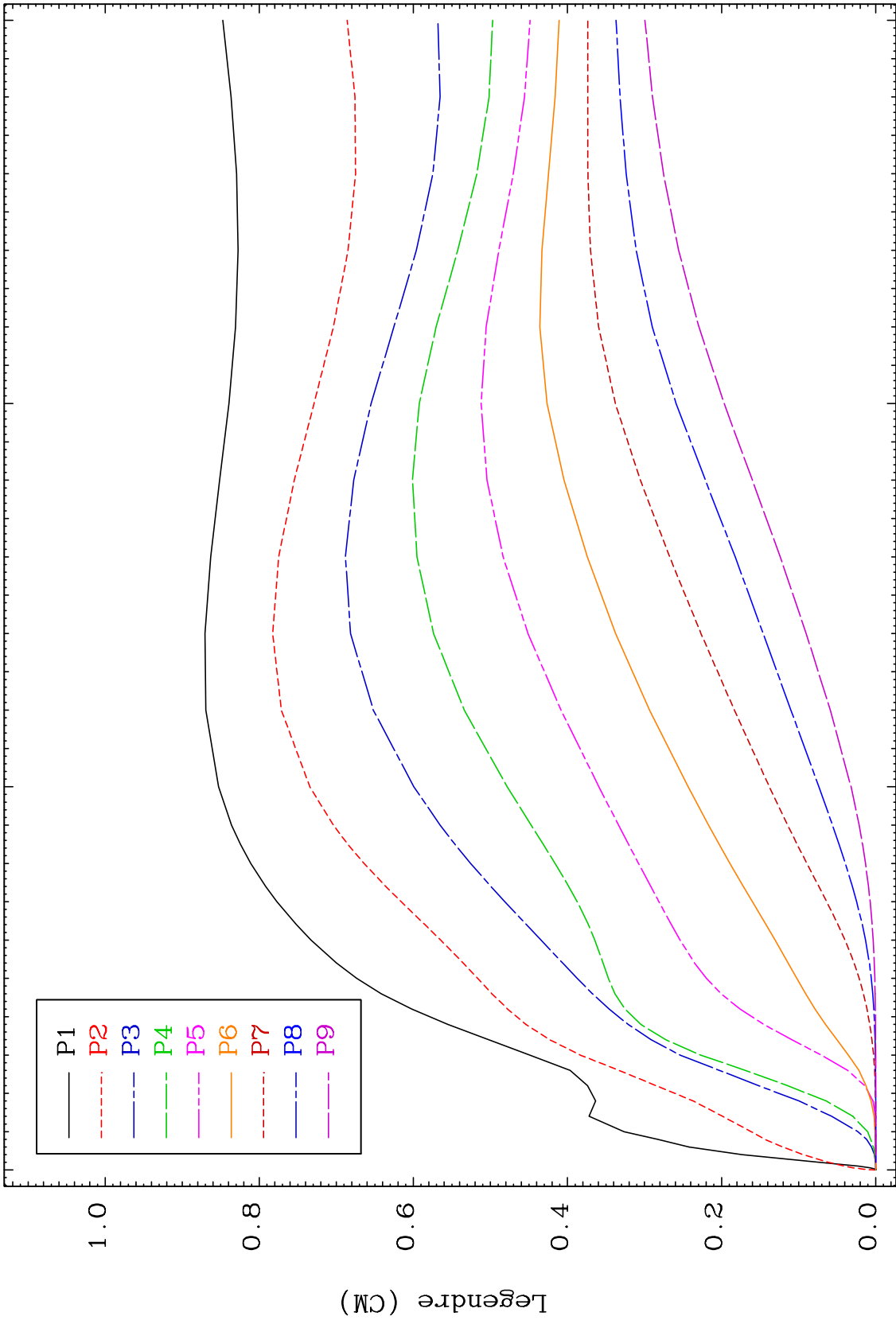




MAT 3643

Elastic Legendre Coefficients

36-Kr-84



16

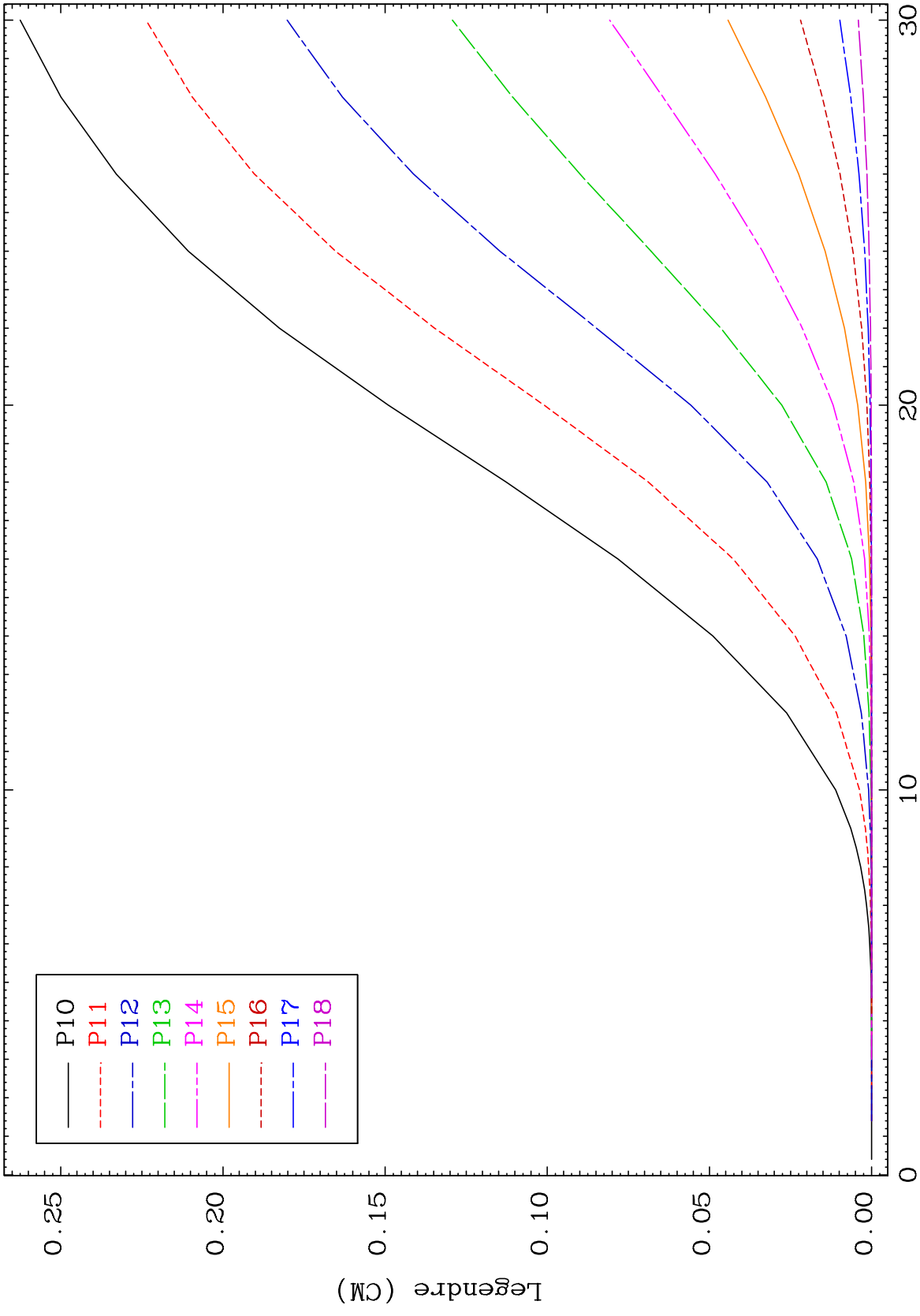
Incident Energy (MeV)

36-Kr-84

MAT 3643

Elastic Legendre Coefficients

<sup>36</sup>Kr-84



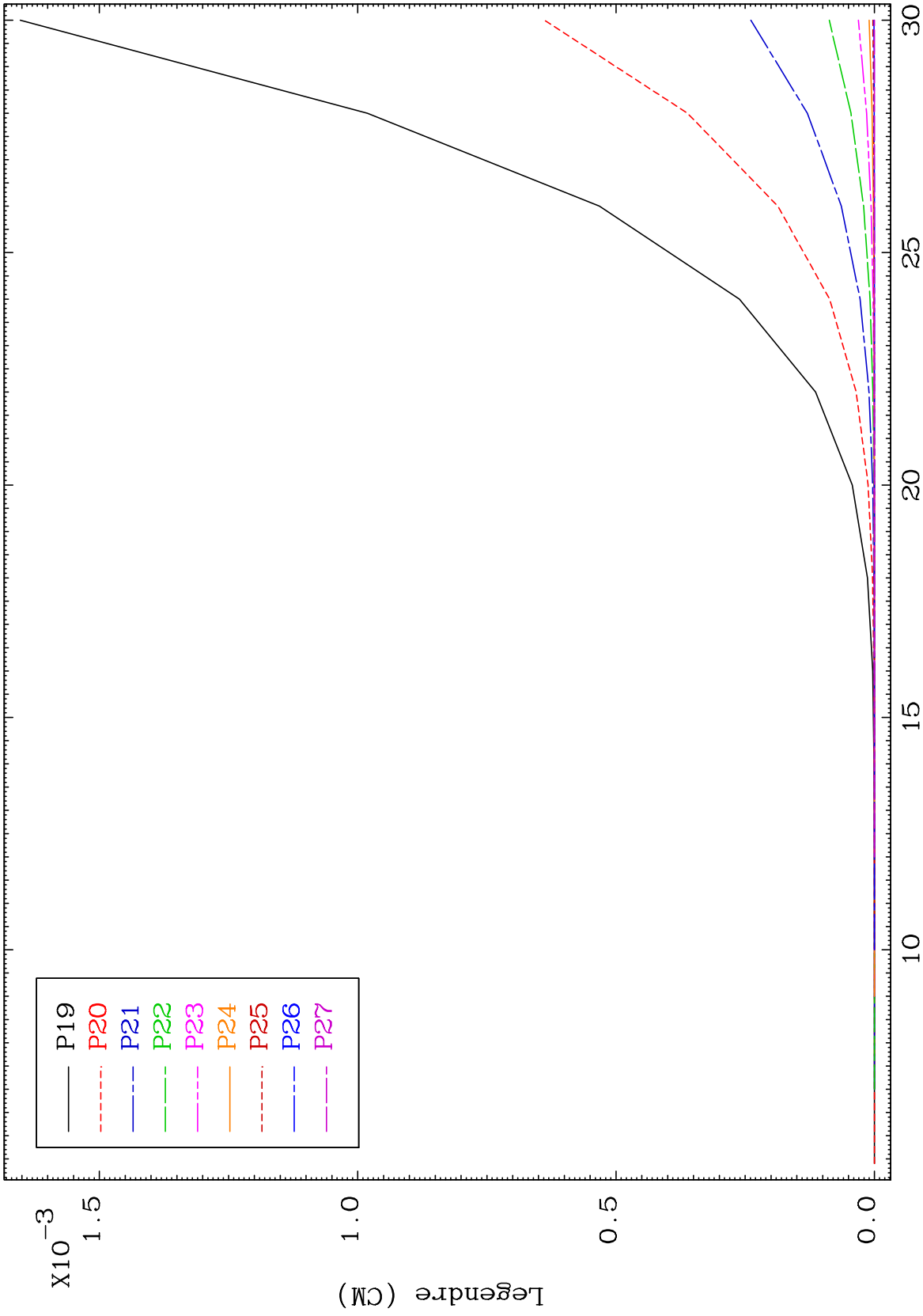
17

<sup>36</sup>Kr-84

MAT 3643

### Elastic Legendre Coefficients

36-Kr-84



18

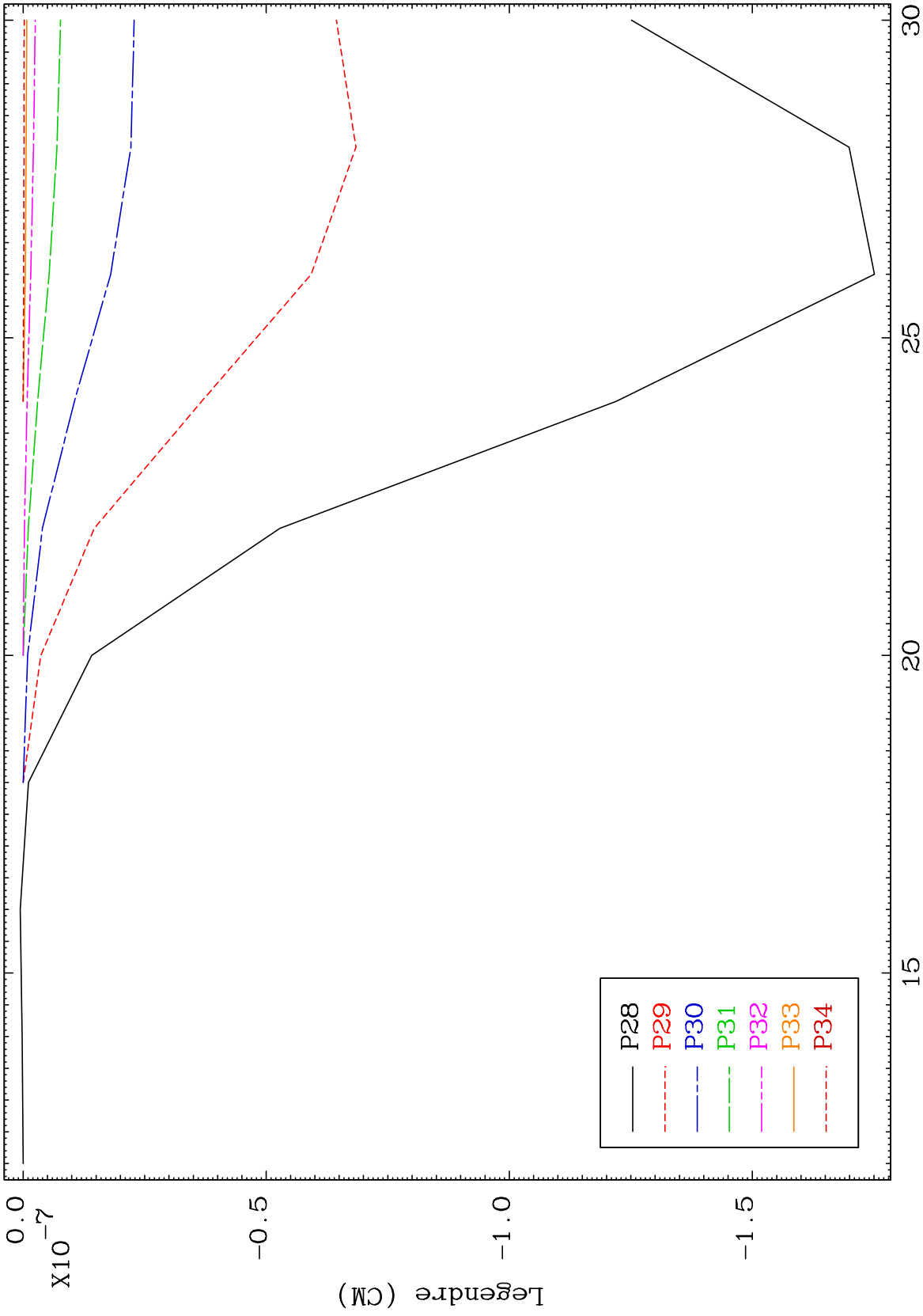
Incident Energy (MeV)

36-Kr-84

MAT 3643

36-Kr-84

Elastic  
Legendre Coefficients



19

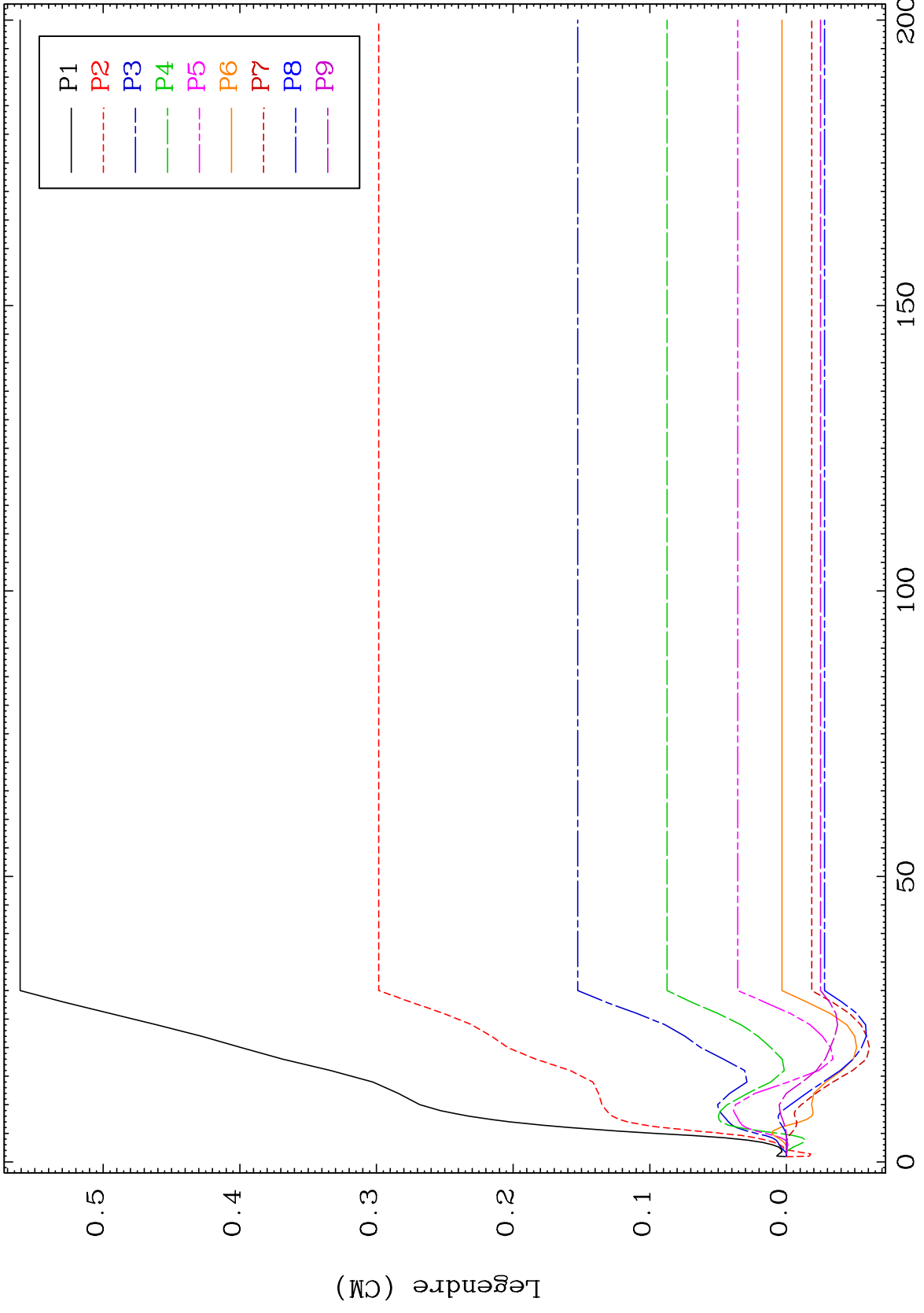
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



36-Kr-84

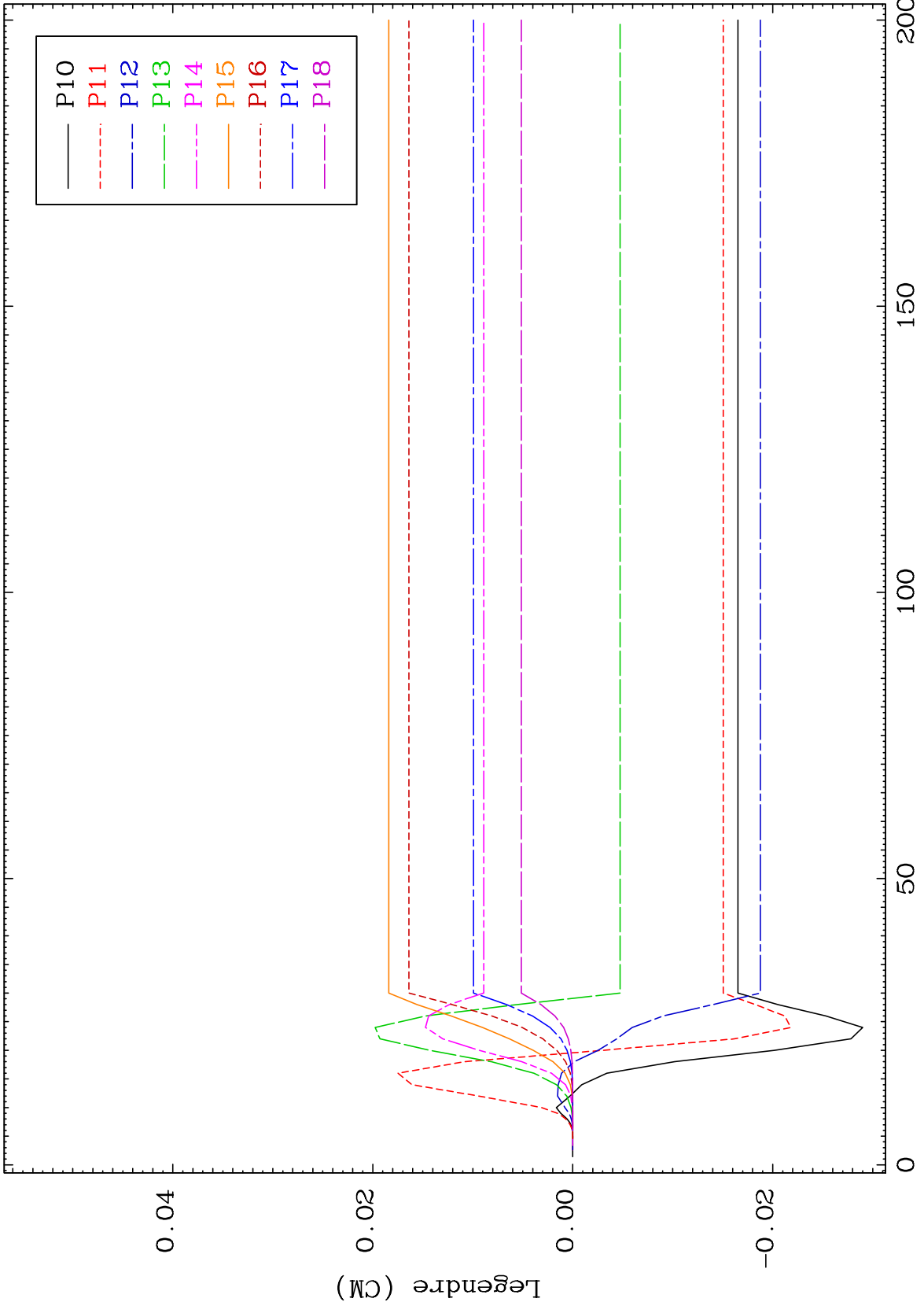
Incident Energy (MeV)

20

MAT 3643

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

36-Kr-84



21

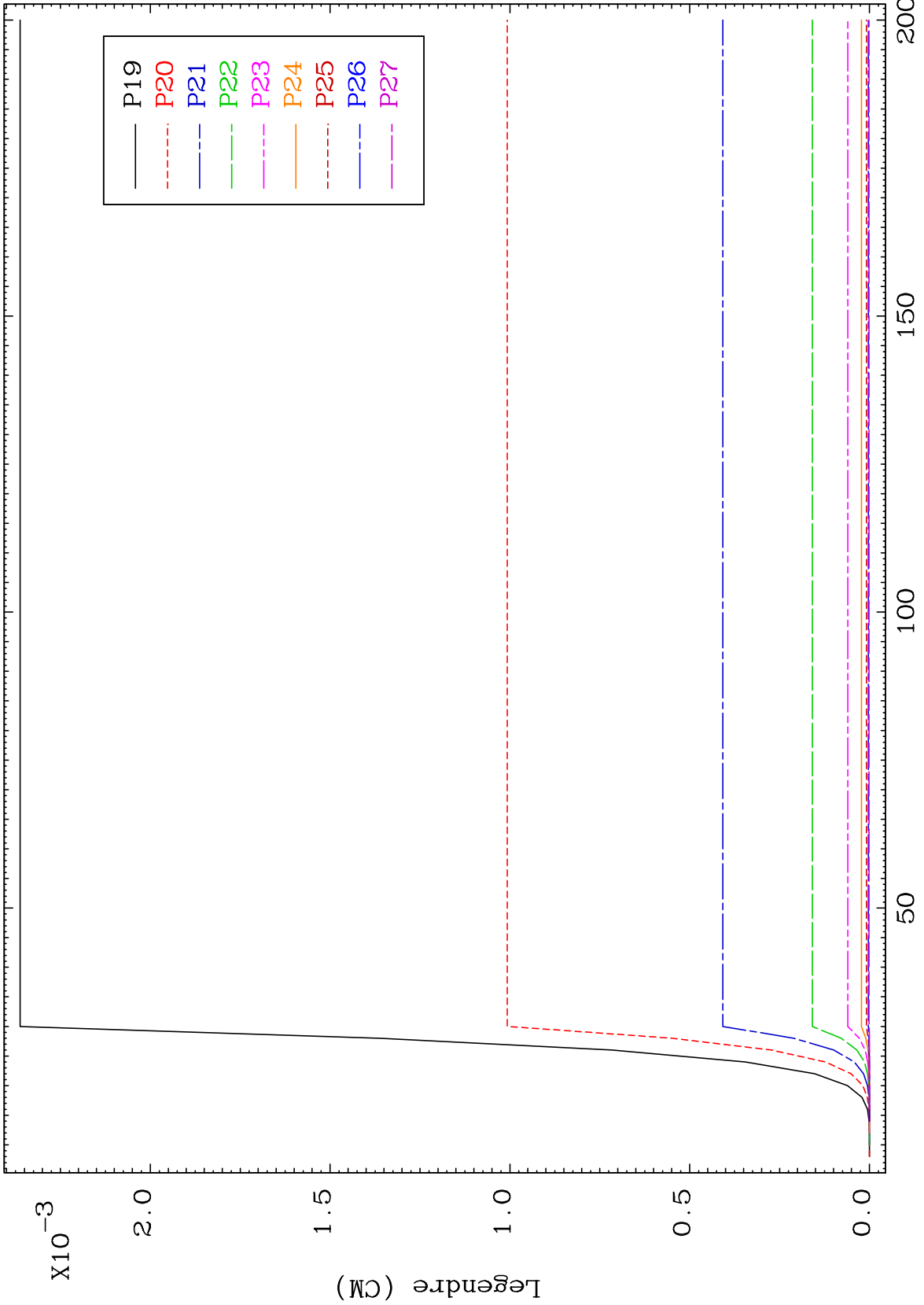
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



22

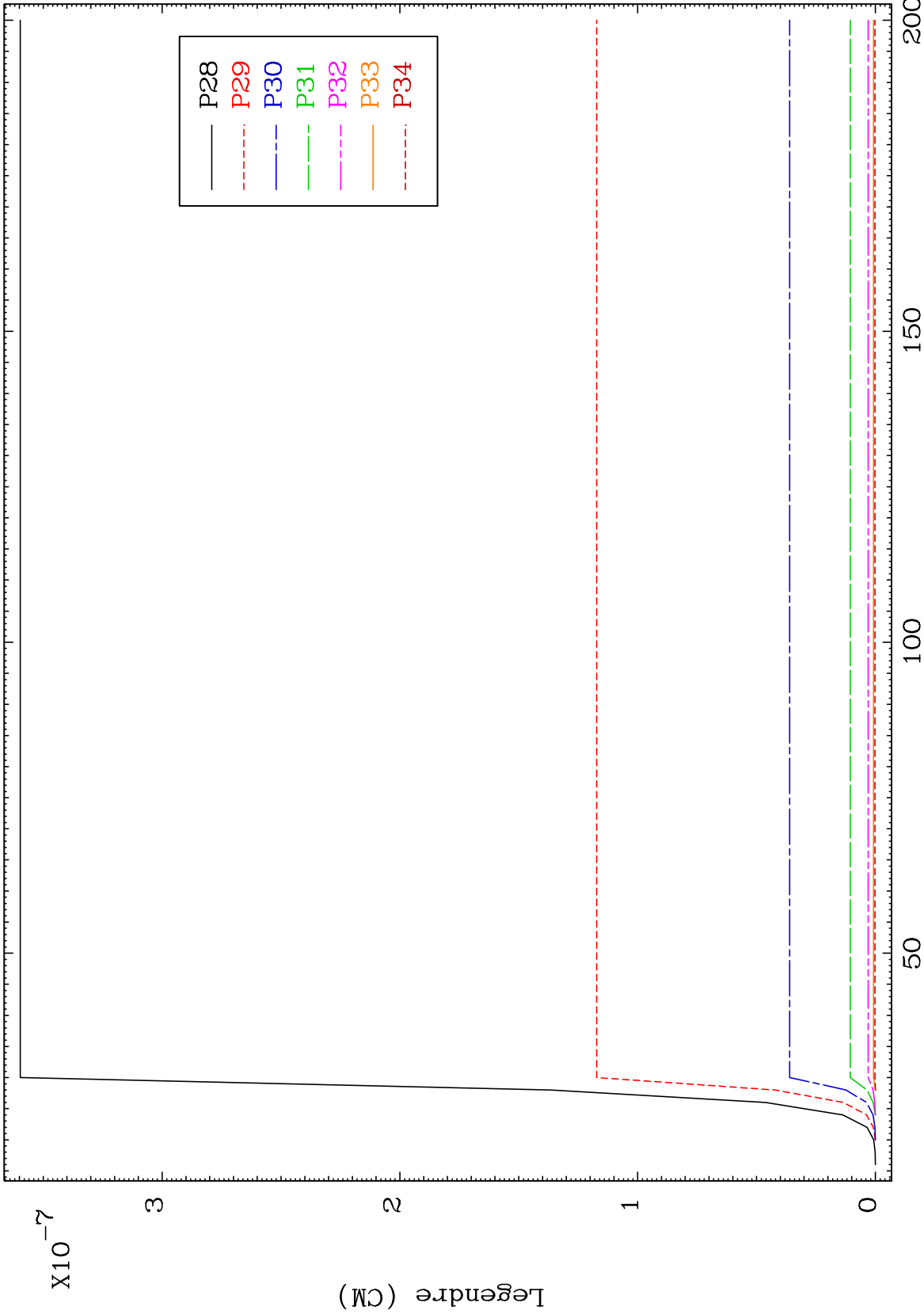
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



23

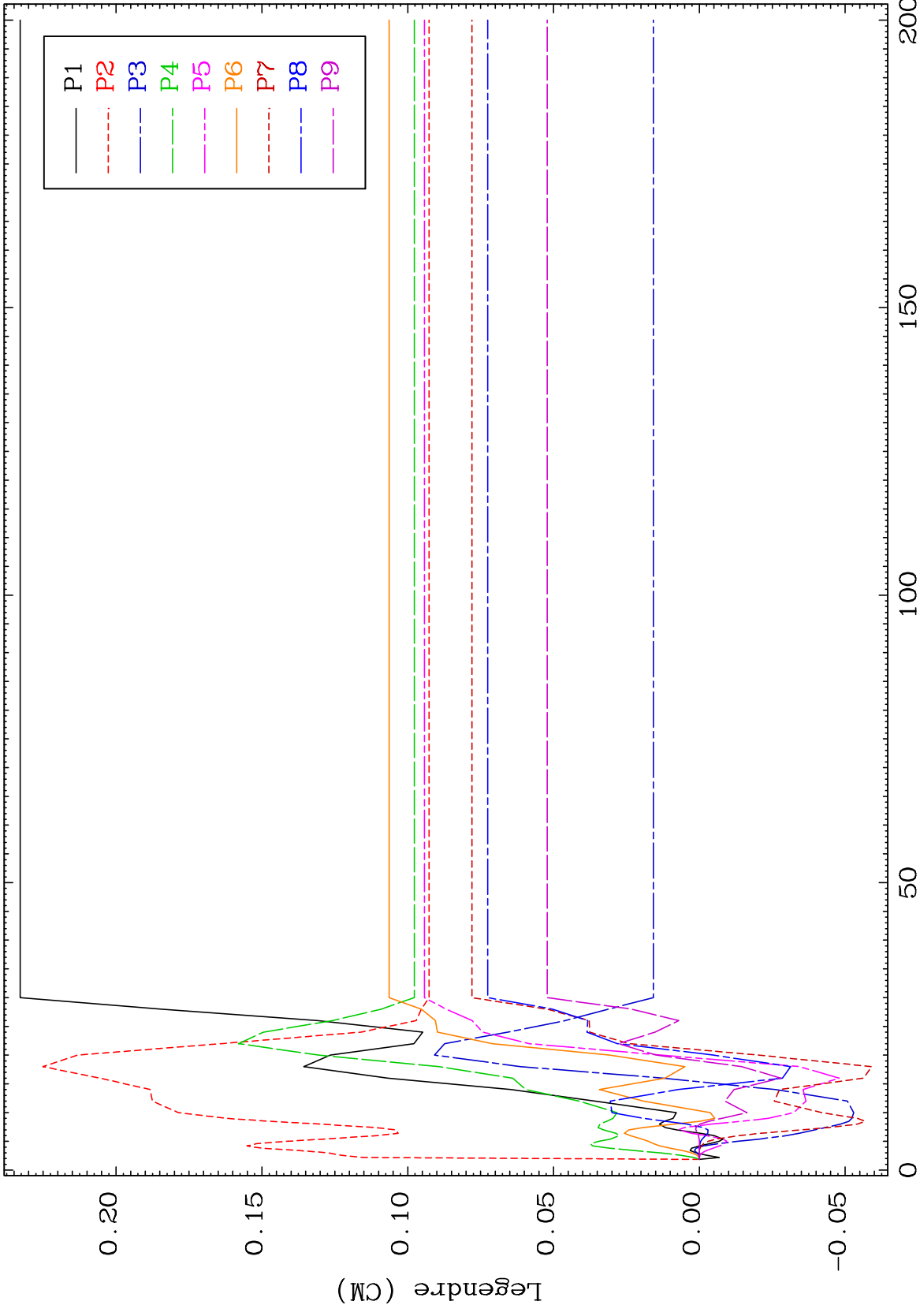
36-Kr-84



MAT 3643

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

36-Kr-84



24

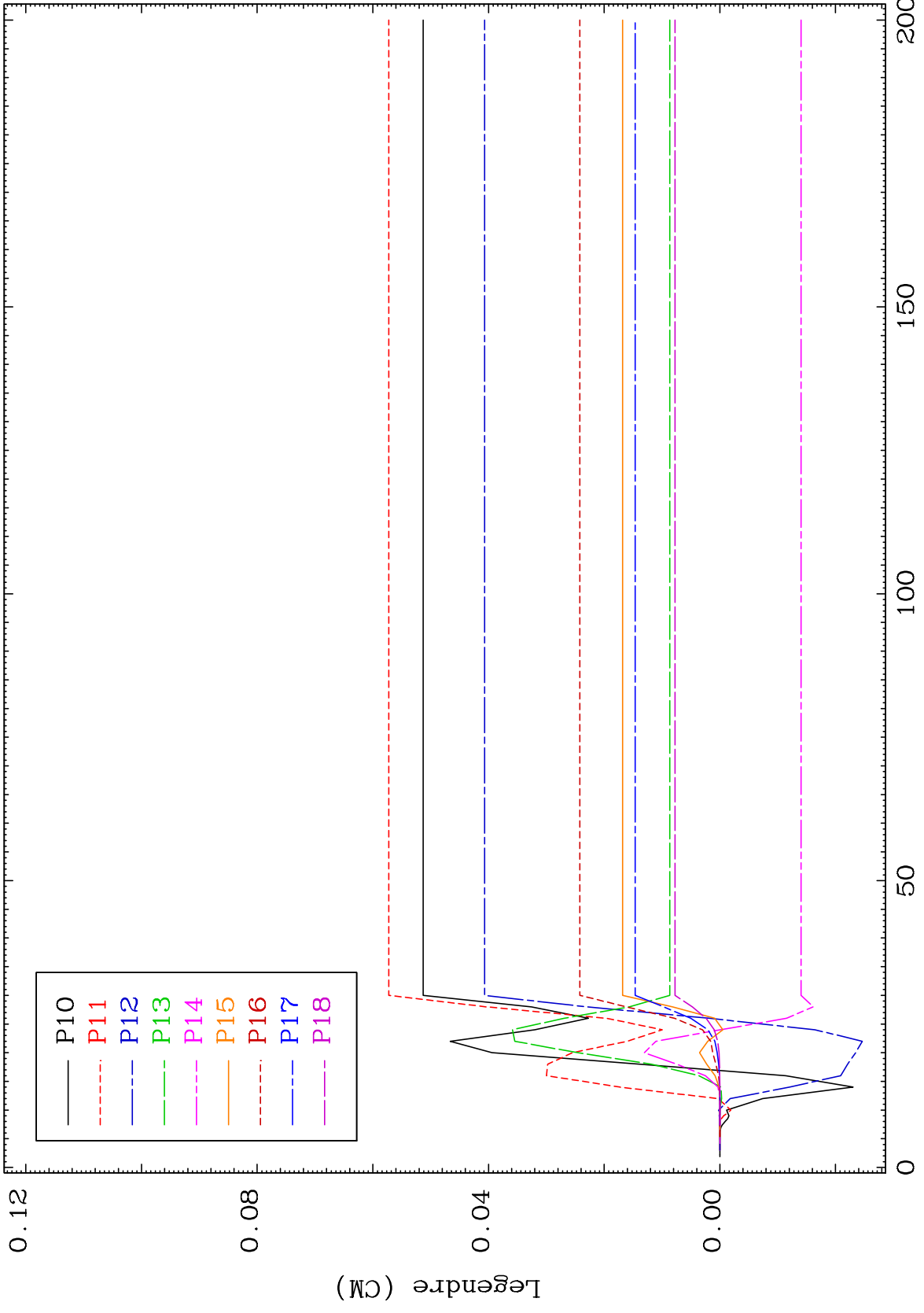
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



25

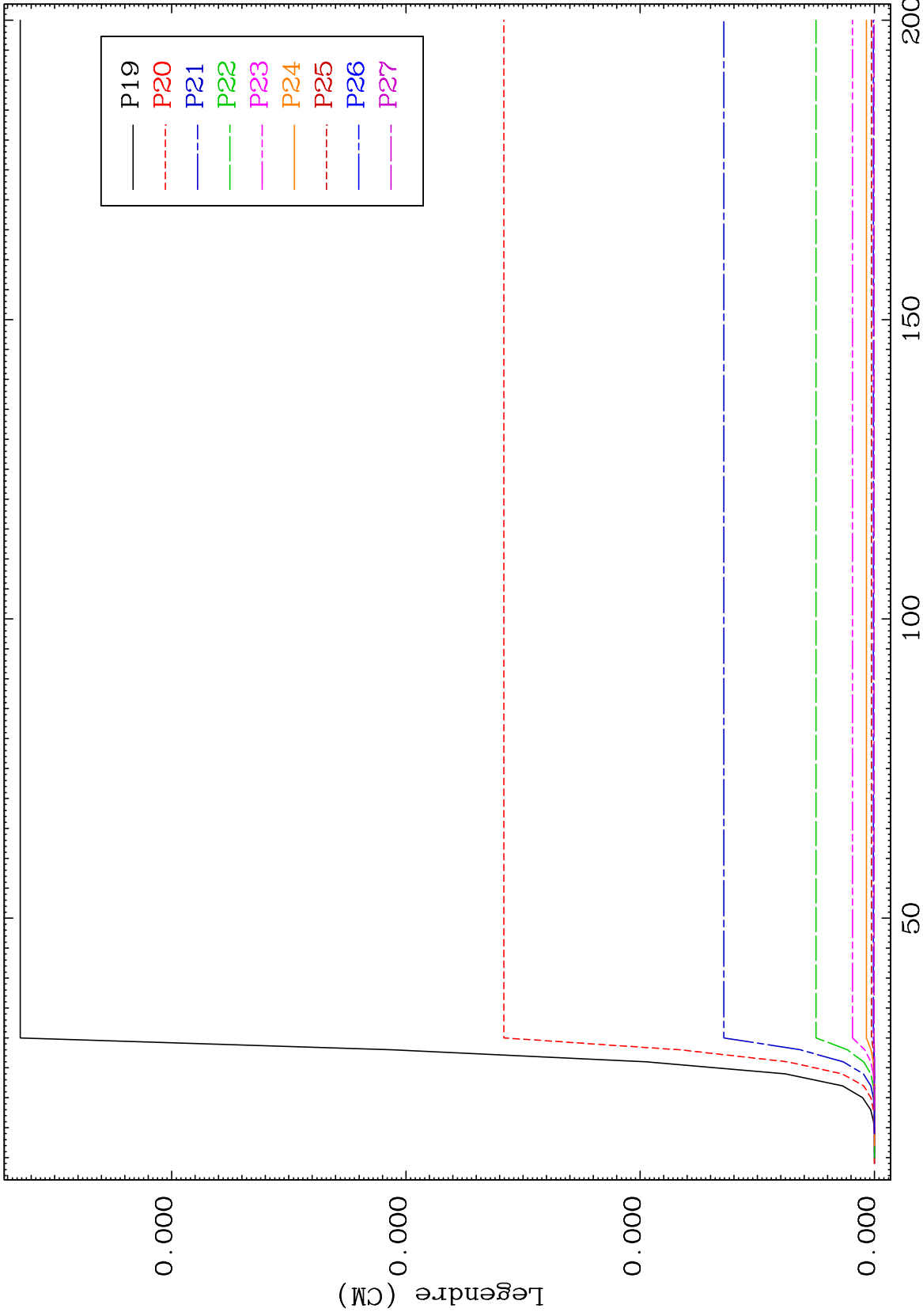
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



26

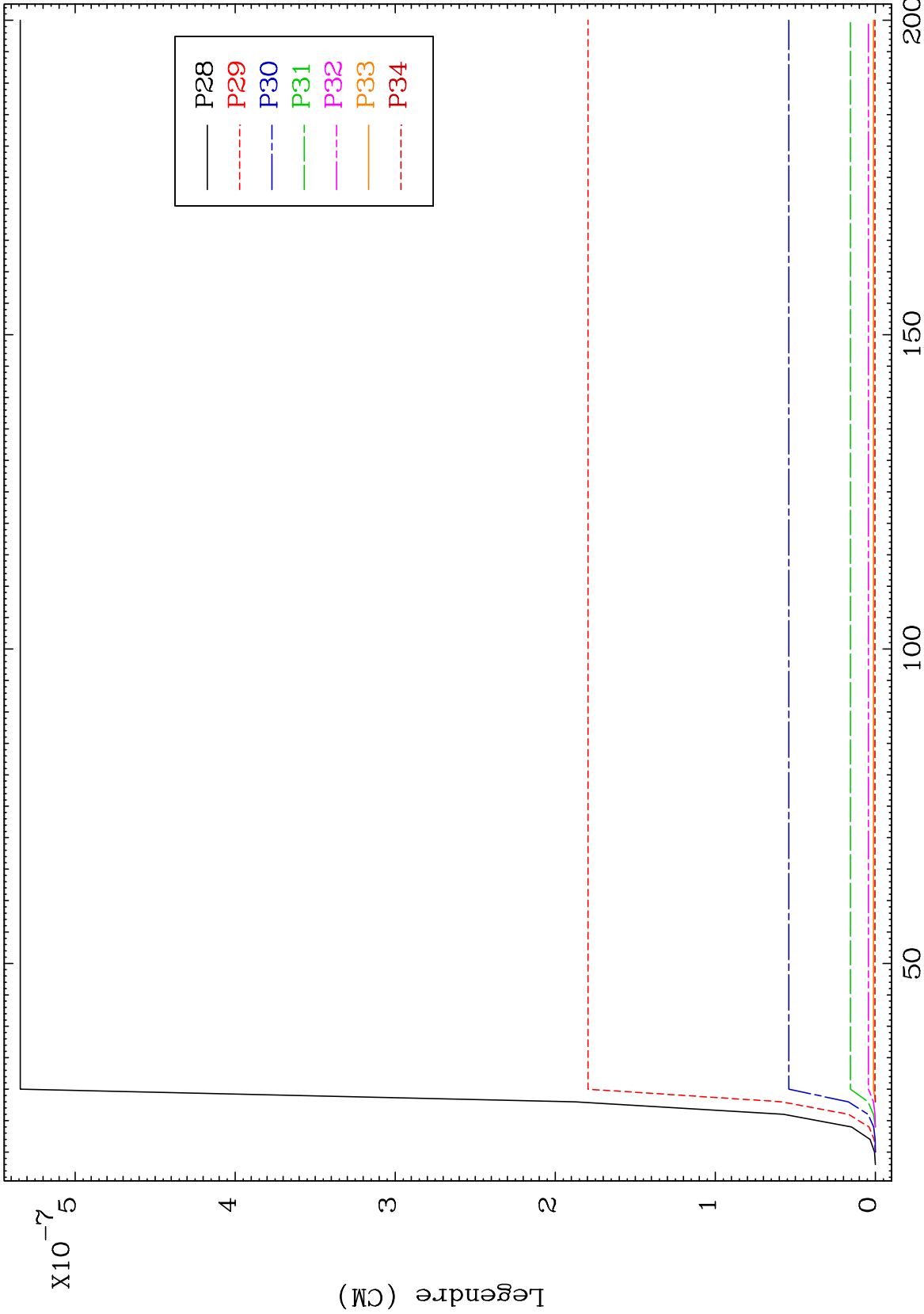
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



27

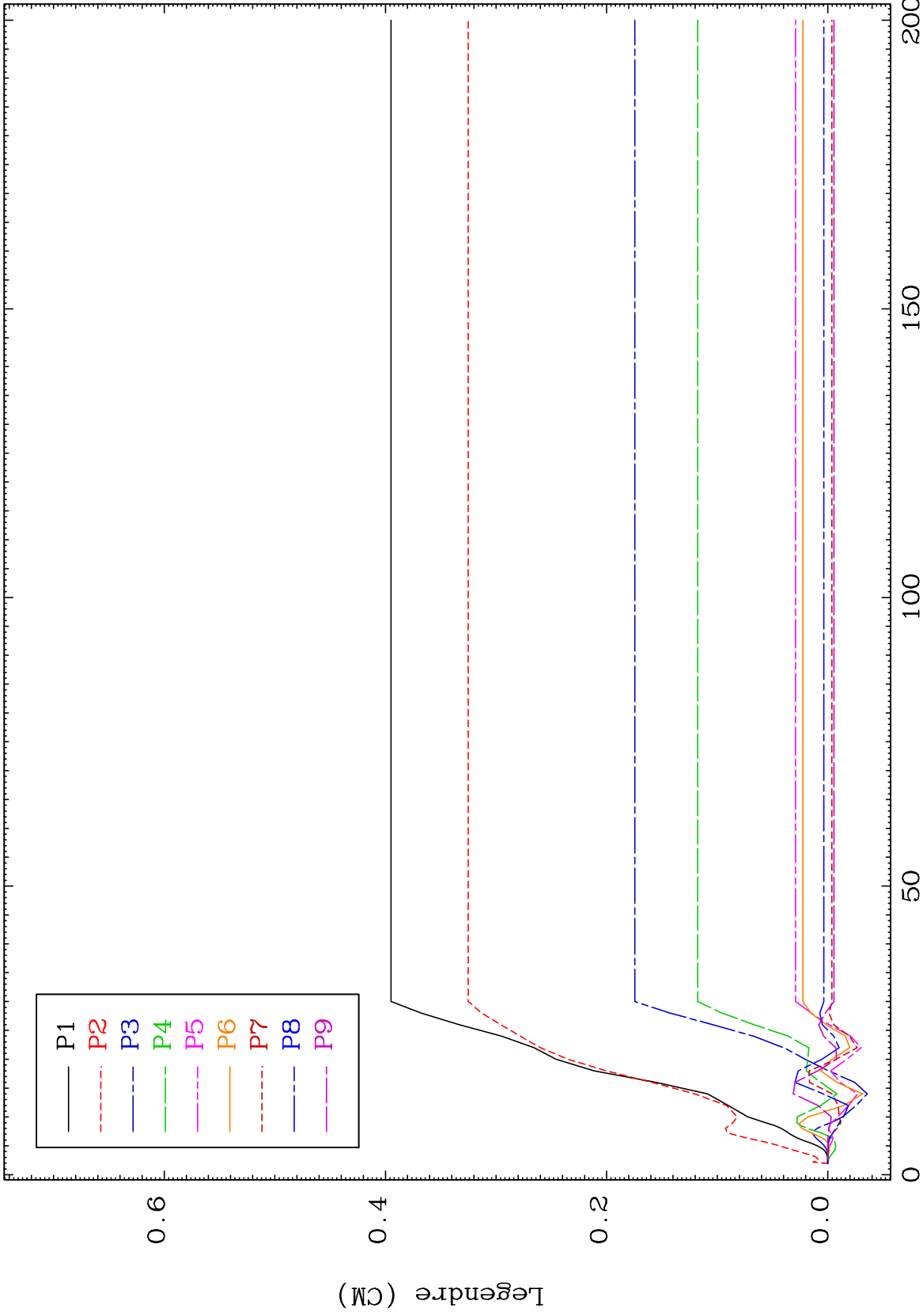
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



28

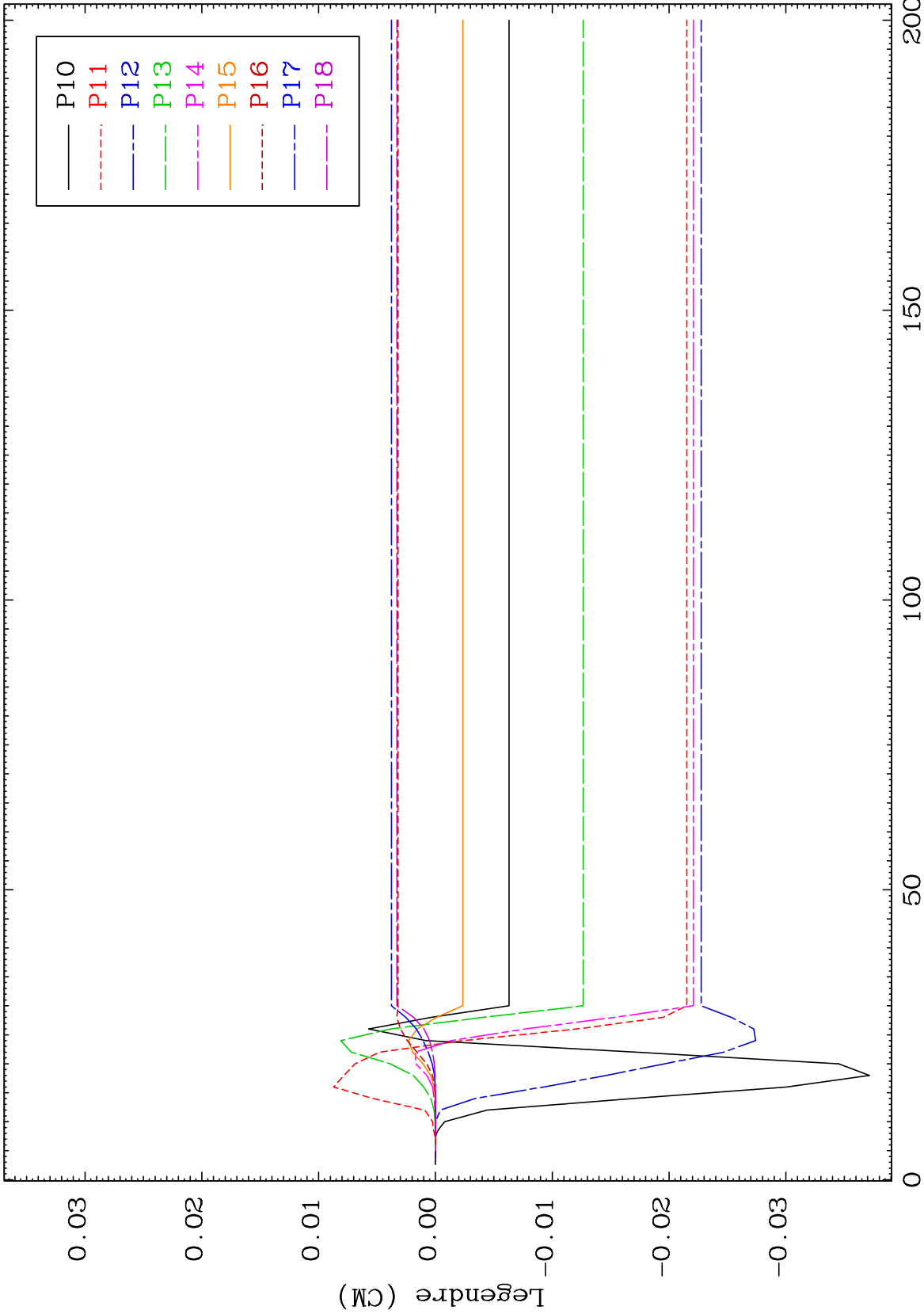
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



29

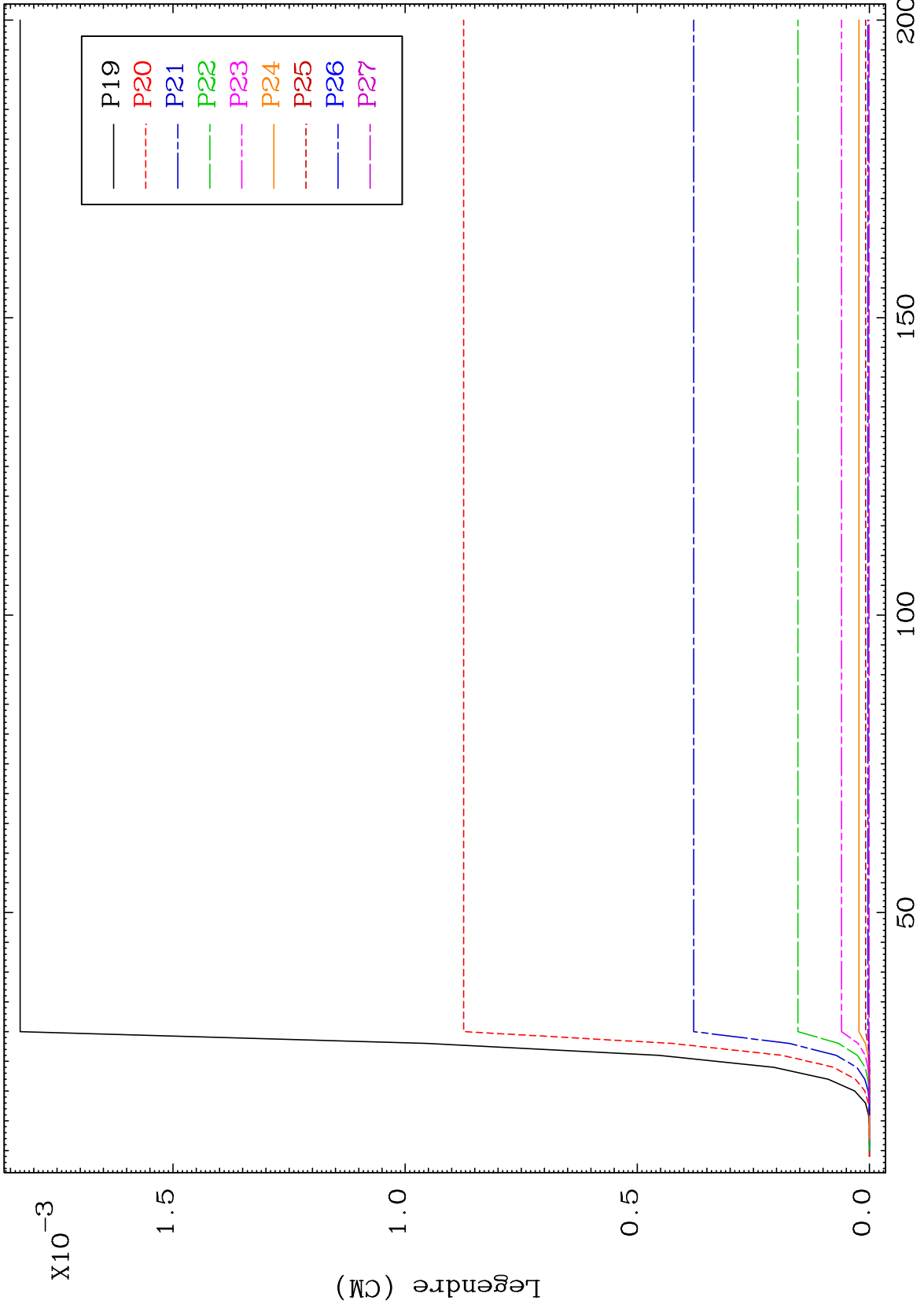
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



30

Incident Energy (MeV)

36-Kr-84

200

150

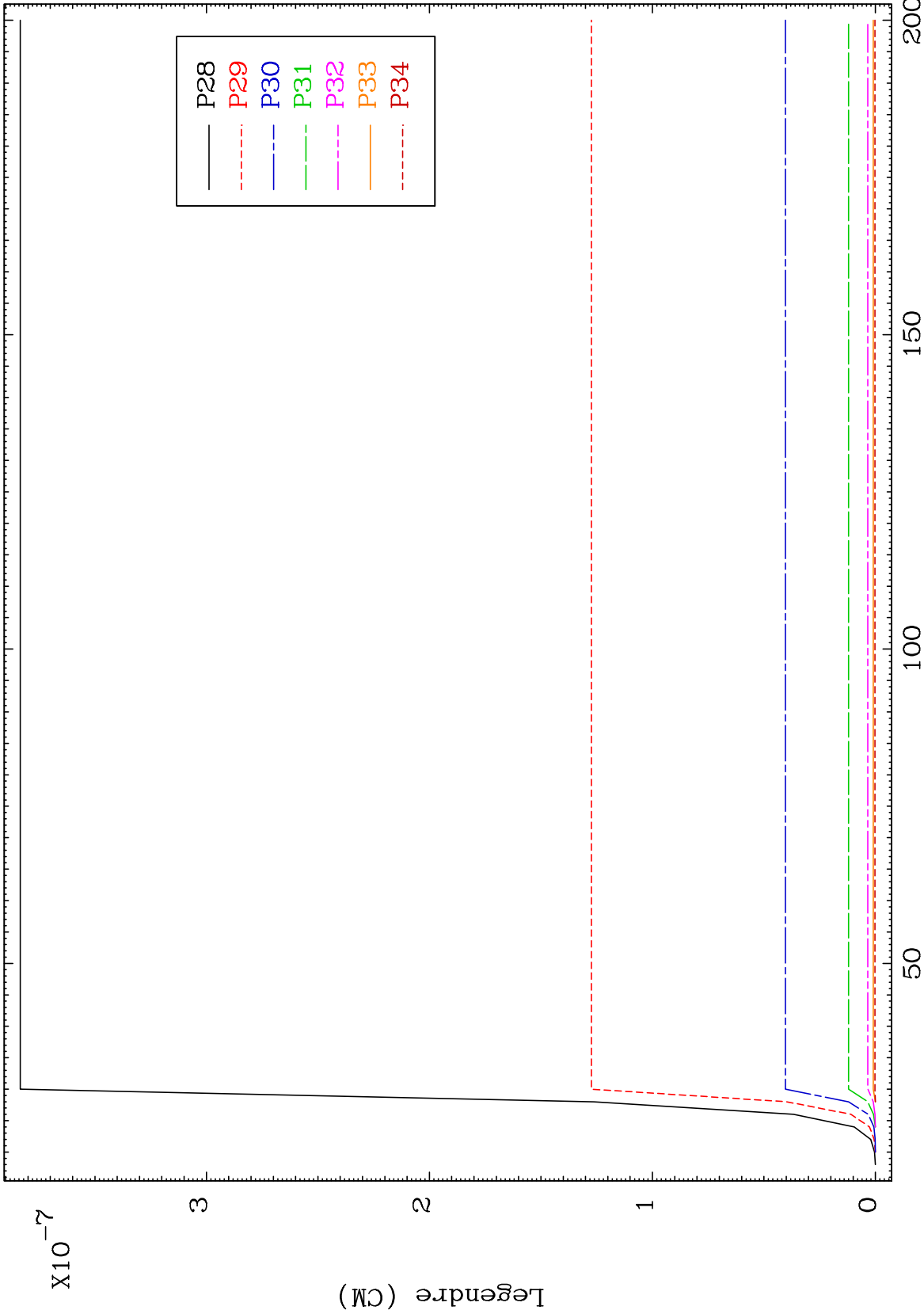
100

50

MAT 3643

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

36-Kr-84

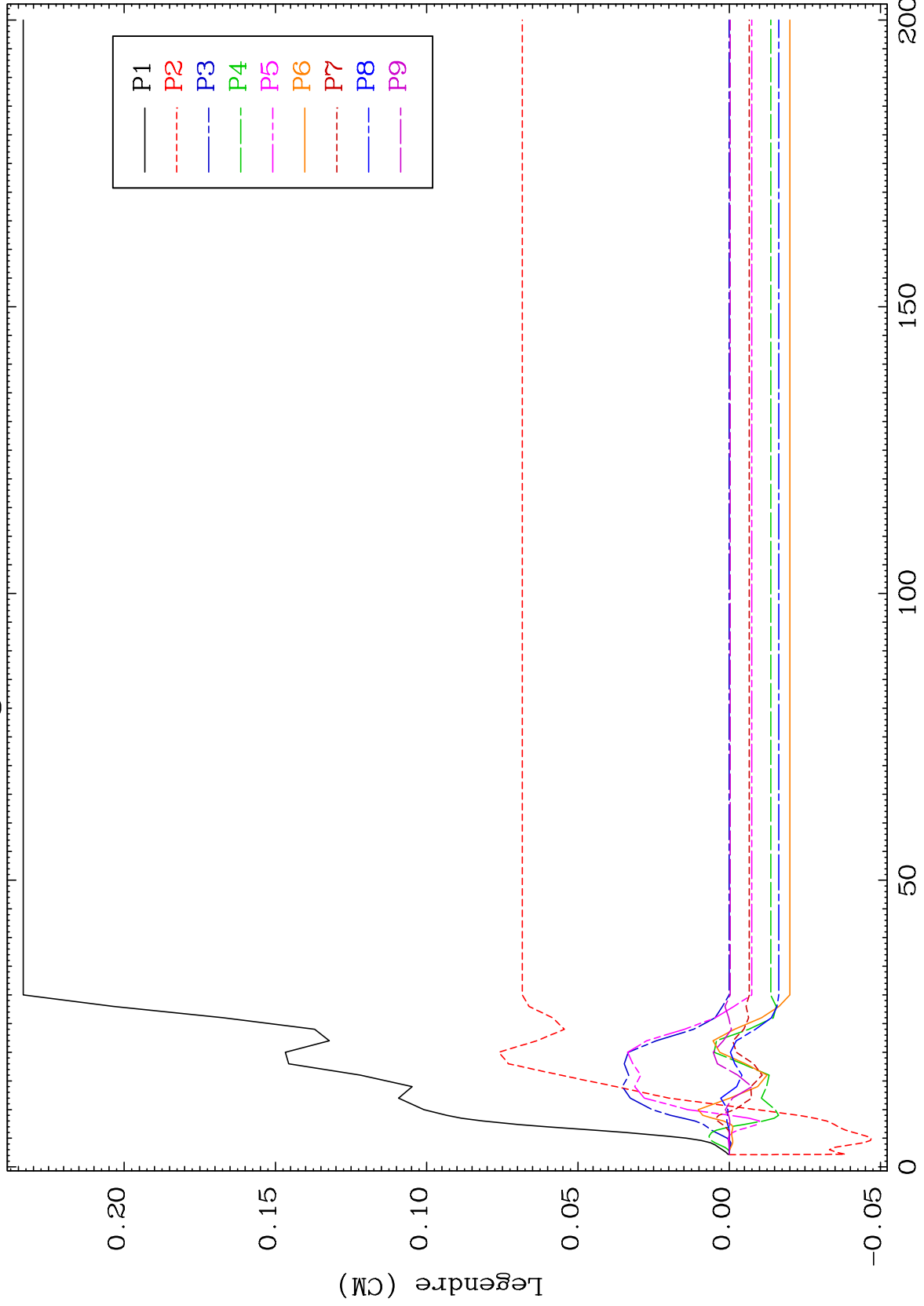




MAT 3643

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

36-Kr-84



32

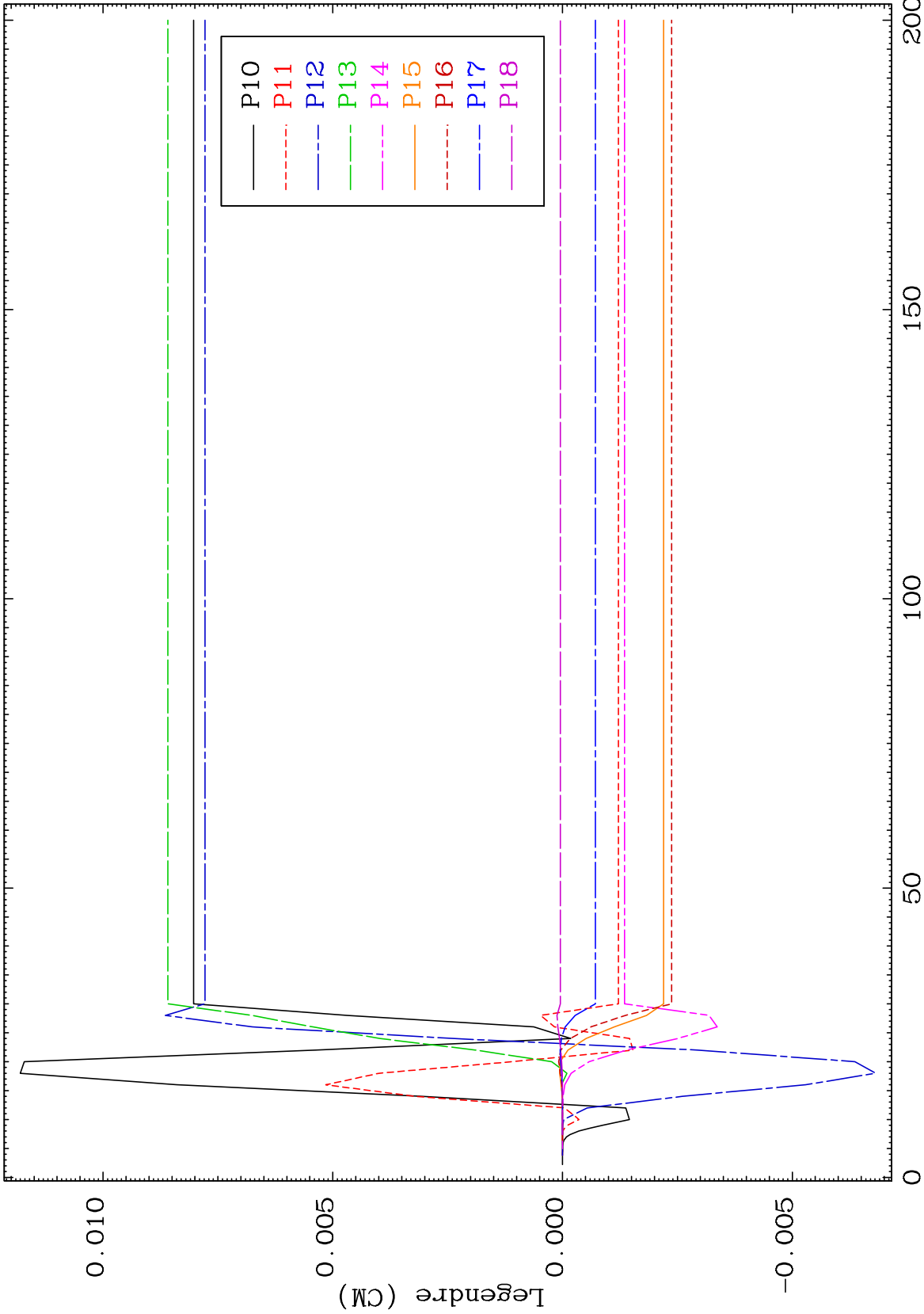
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



33

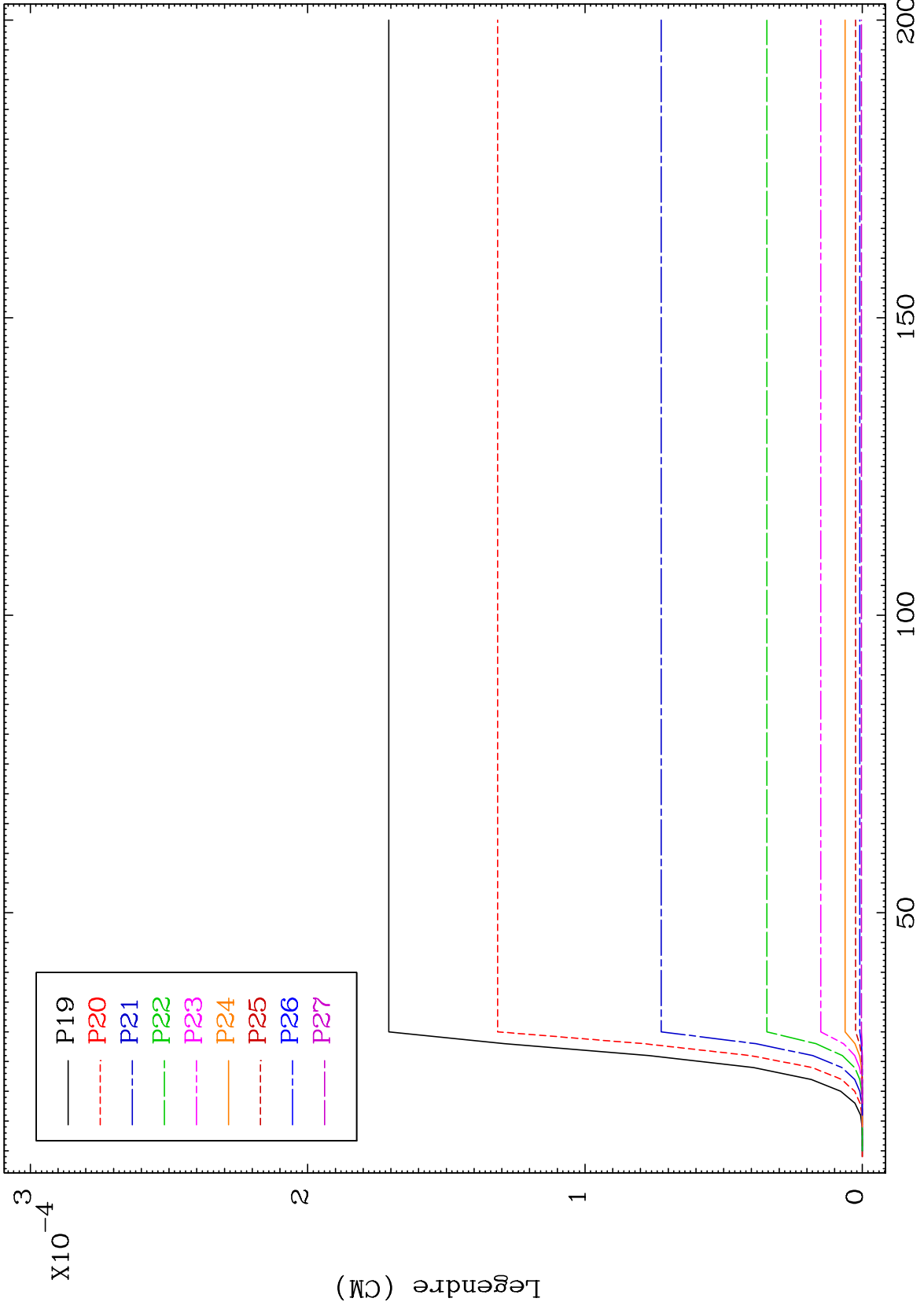
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



34

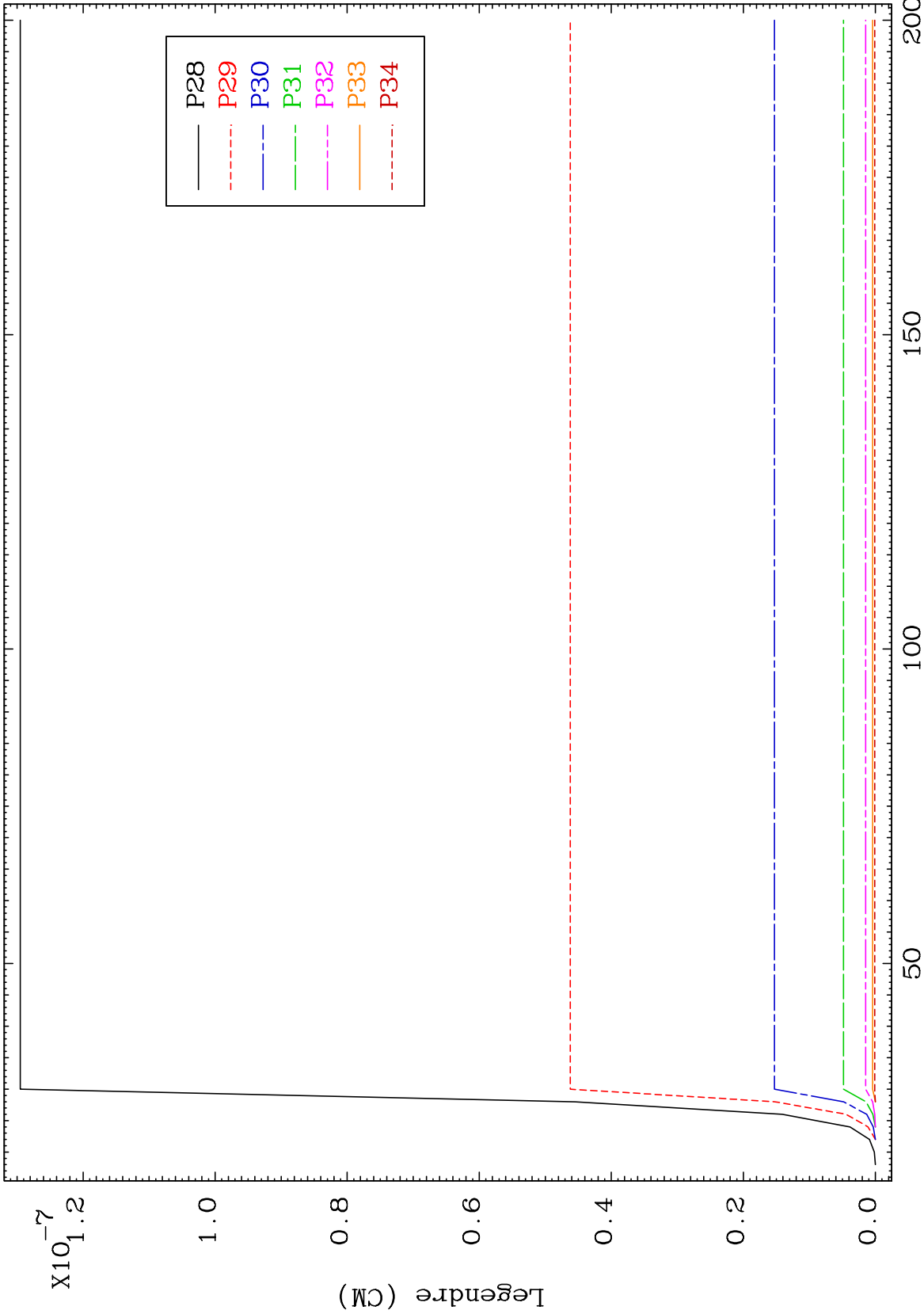
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



35

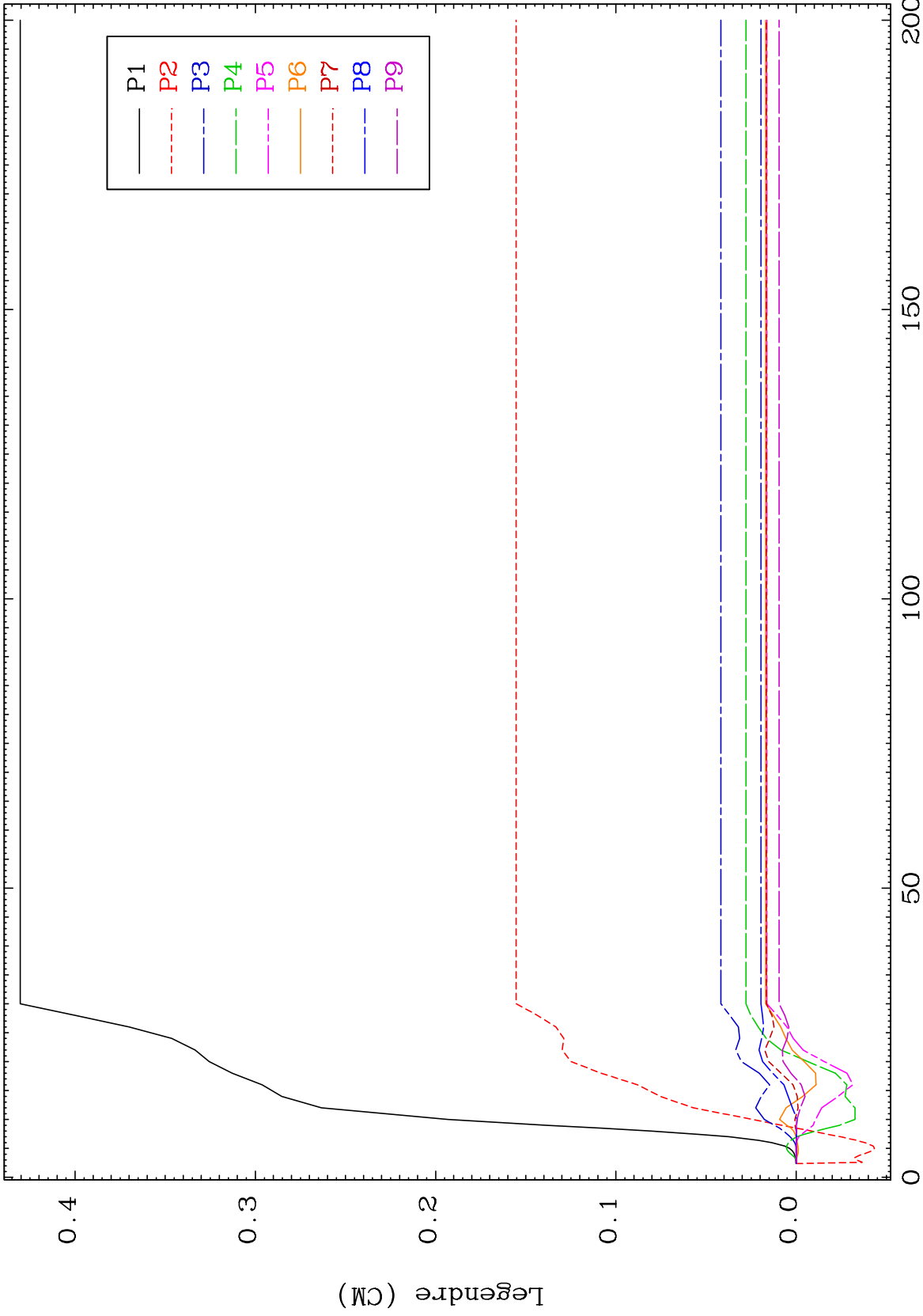
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



36

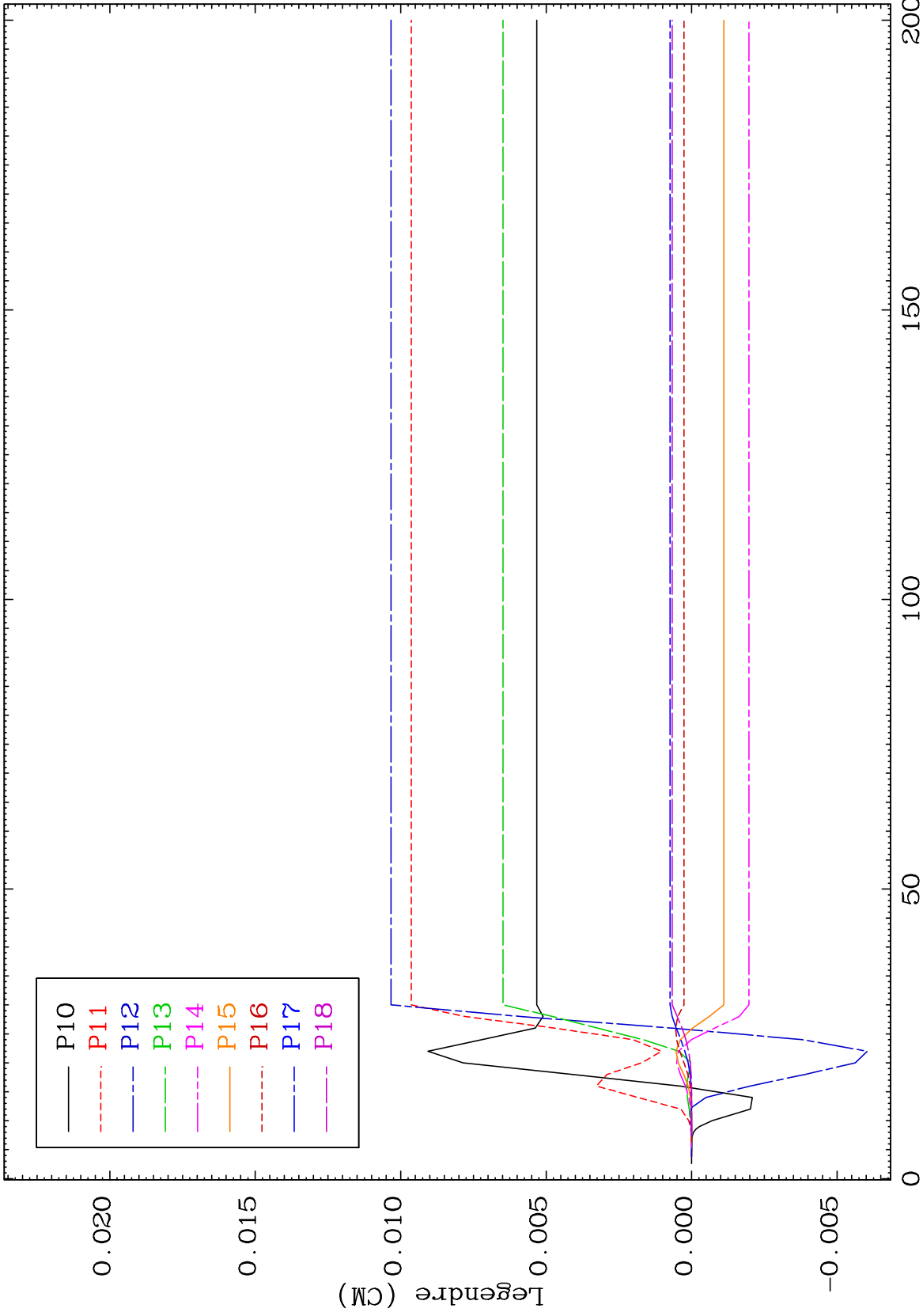
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



37

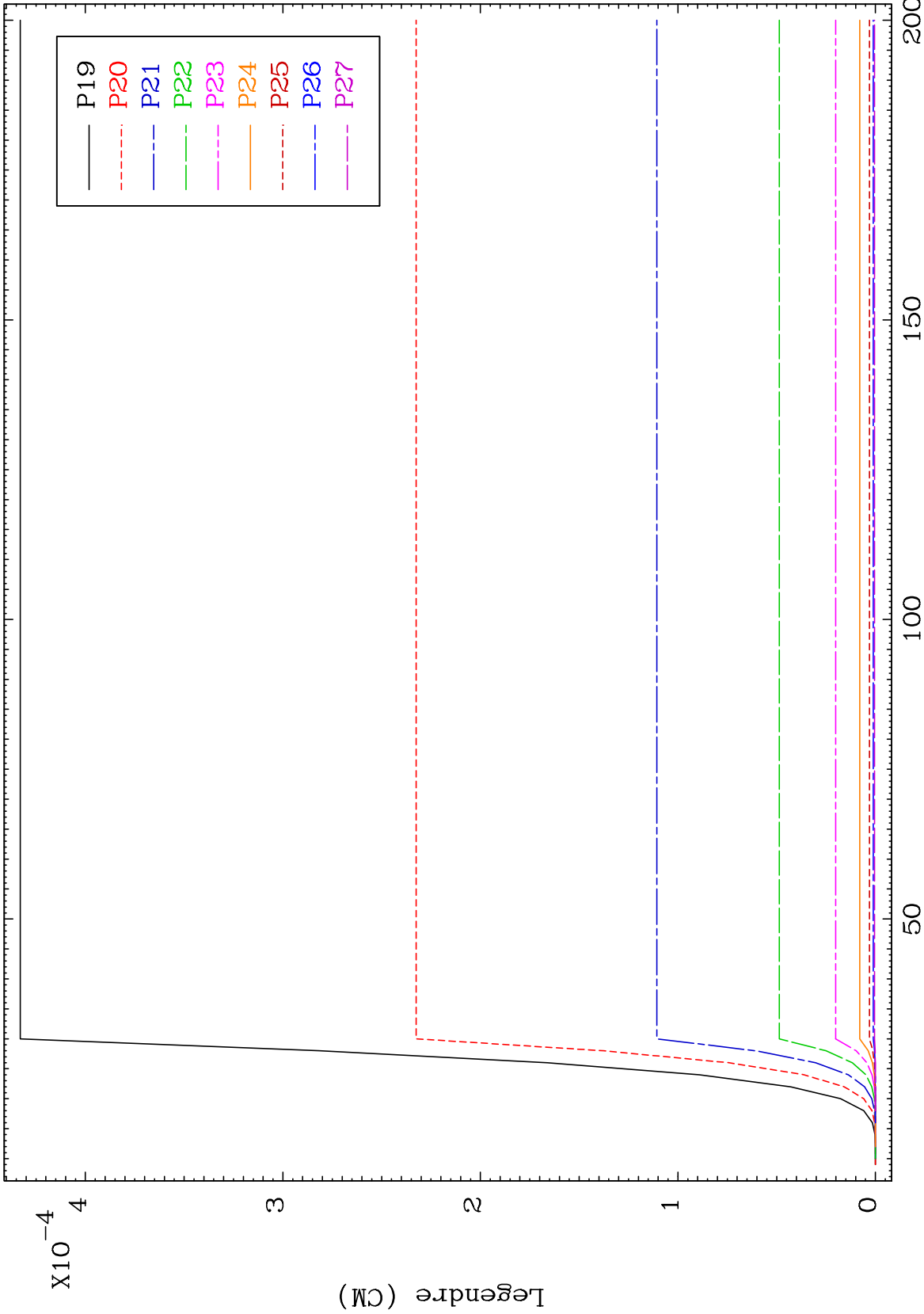
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



38

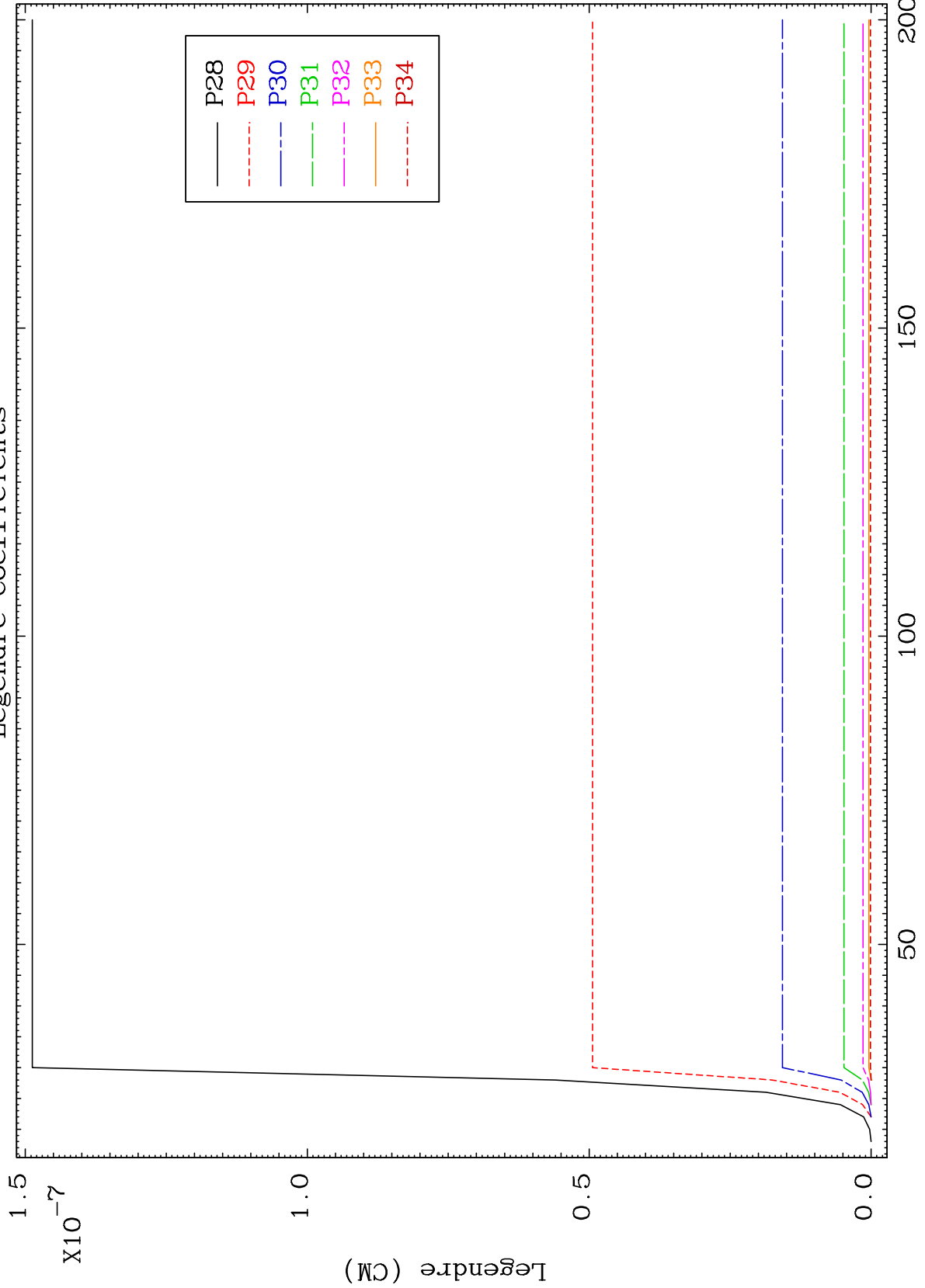
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



39

Incident Energy (MeV)

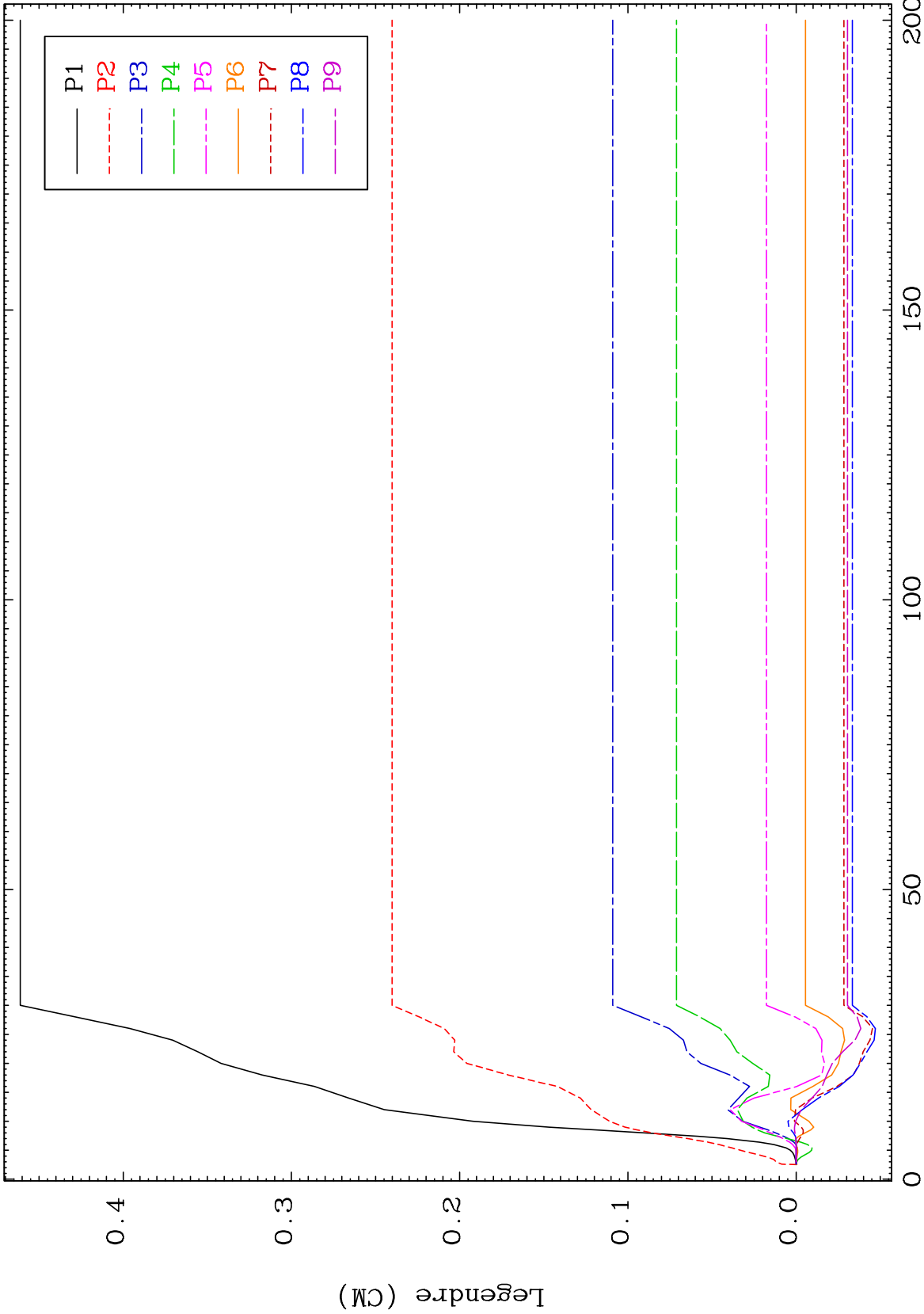
36-Kr-84



MAT 3643

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

36-Kr-84



40

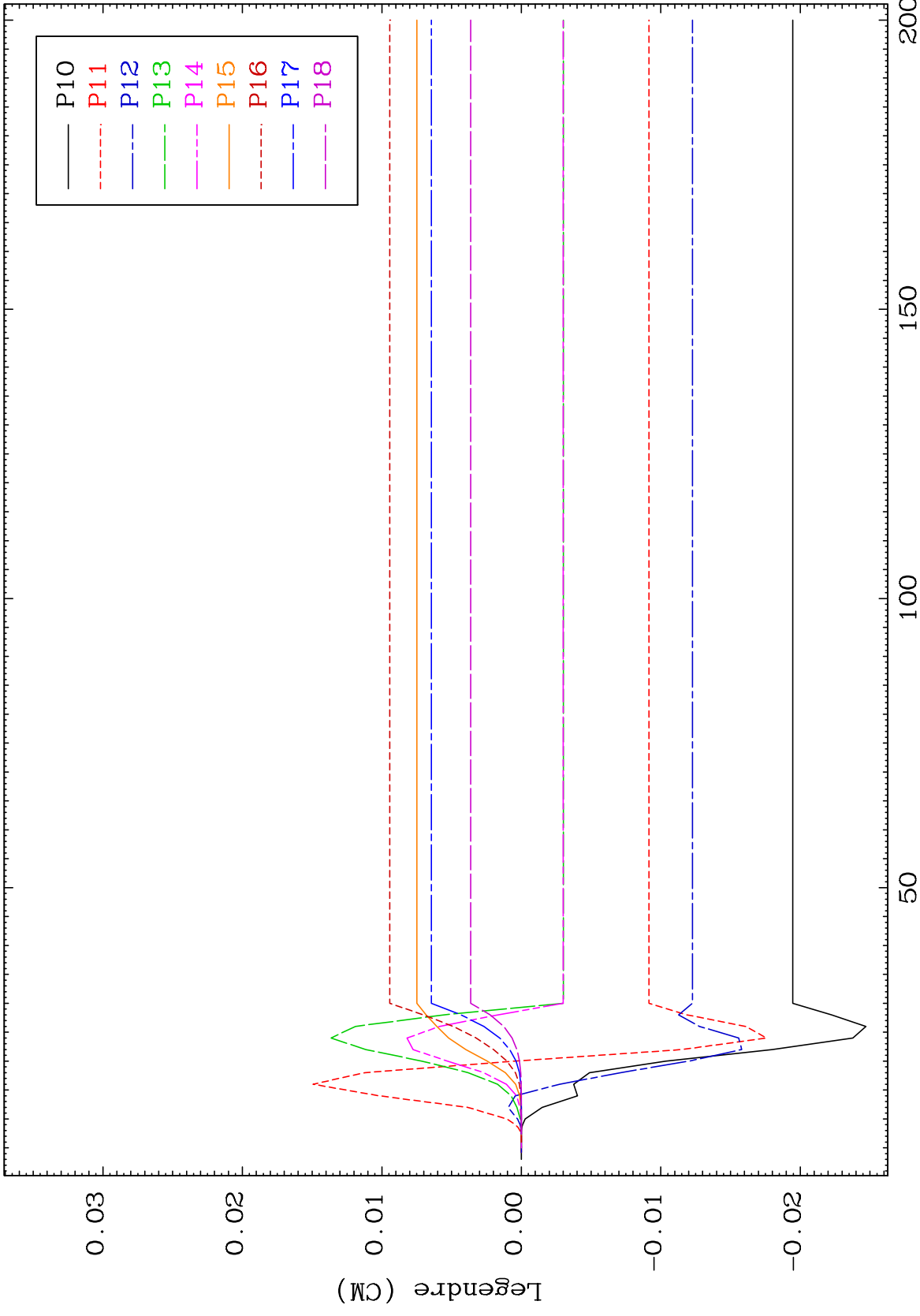
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



41

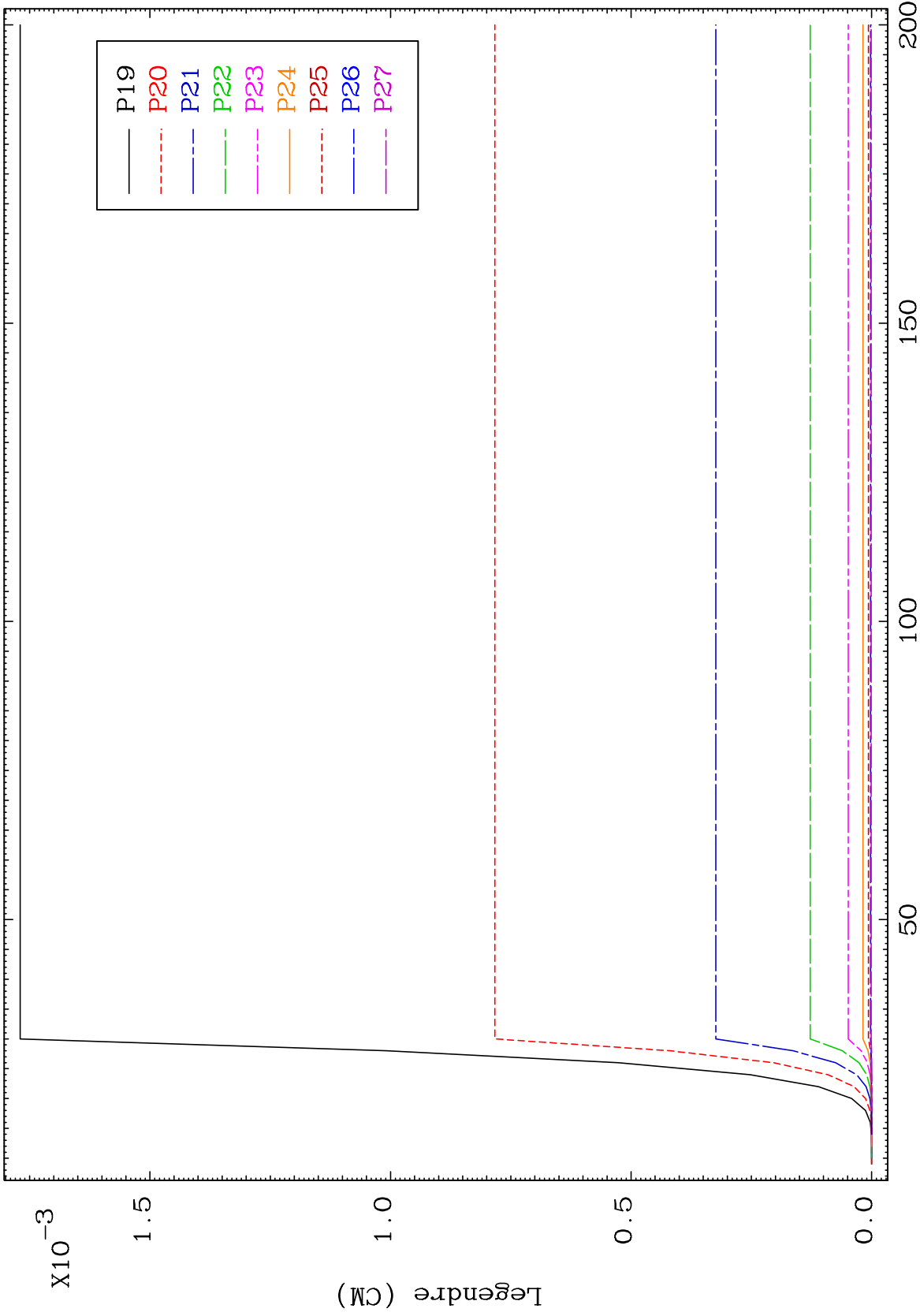
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



42

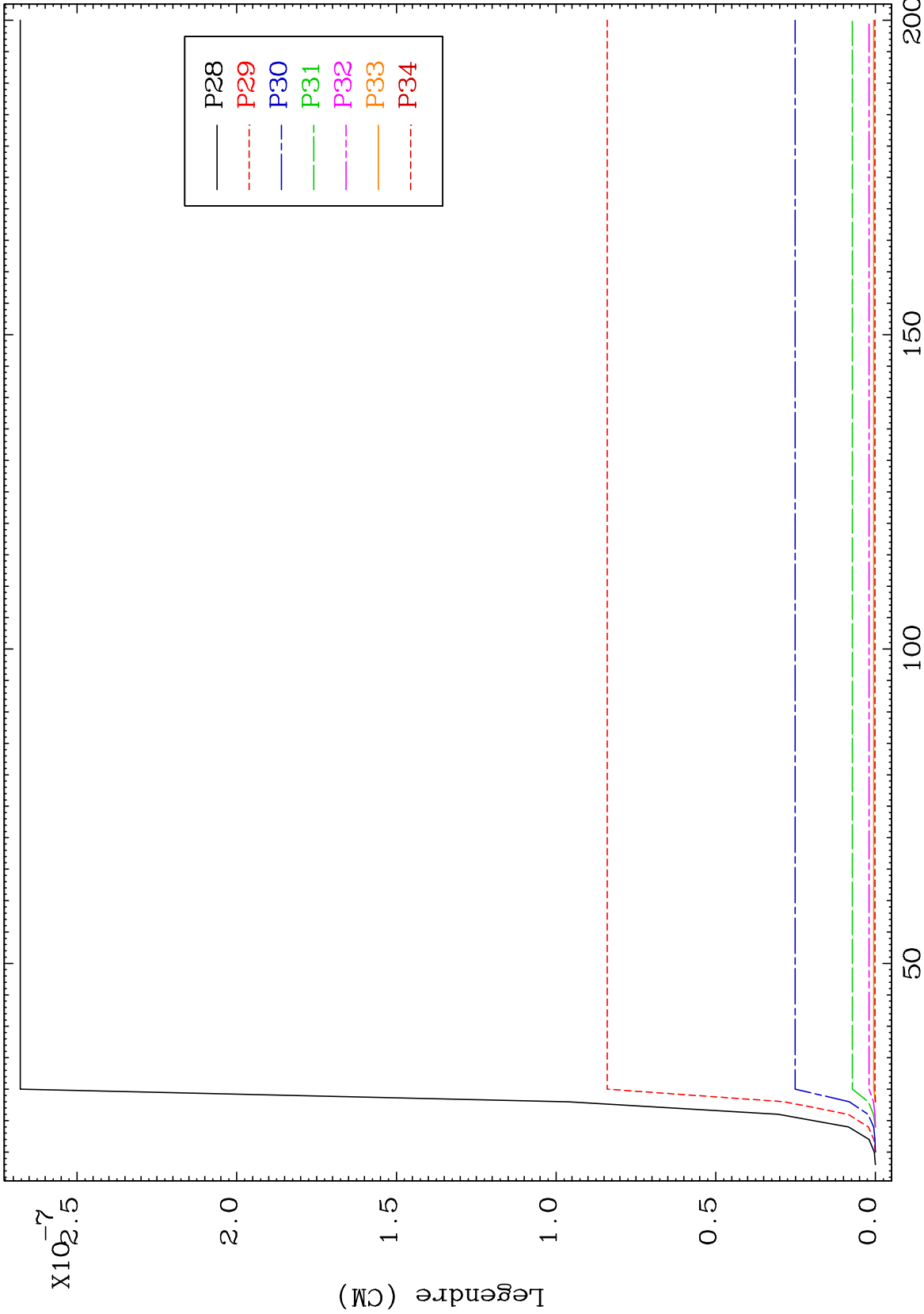
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



43

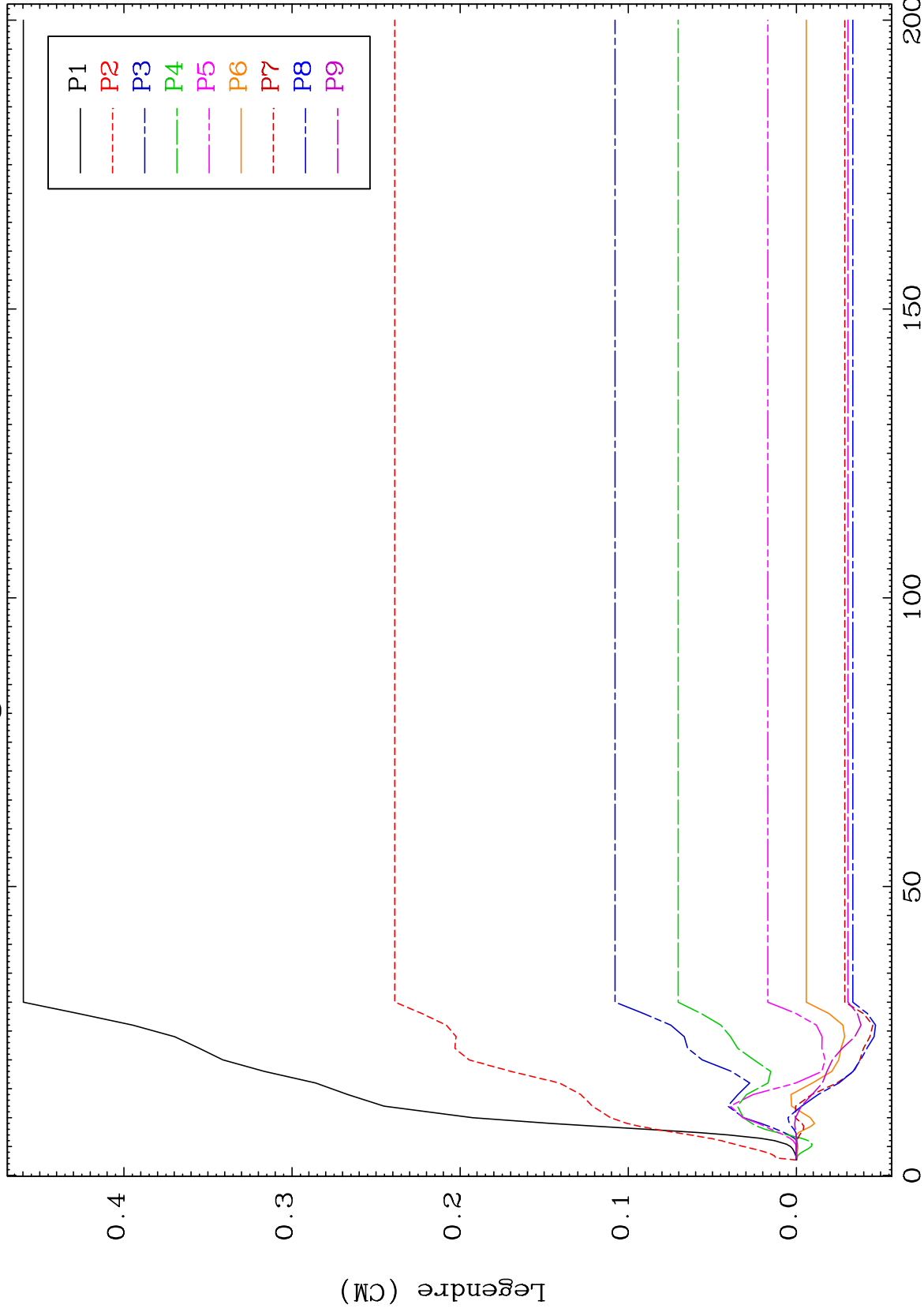
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



44

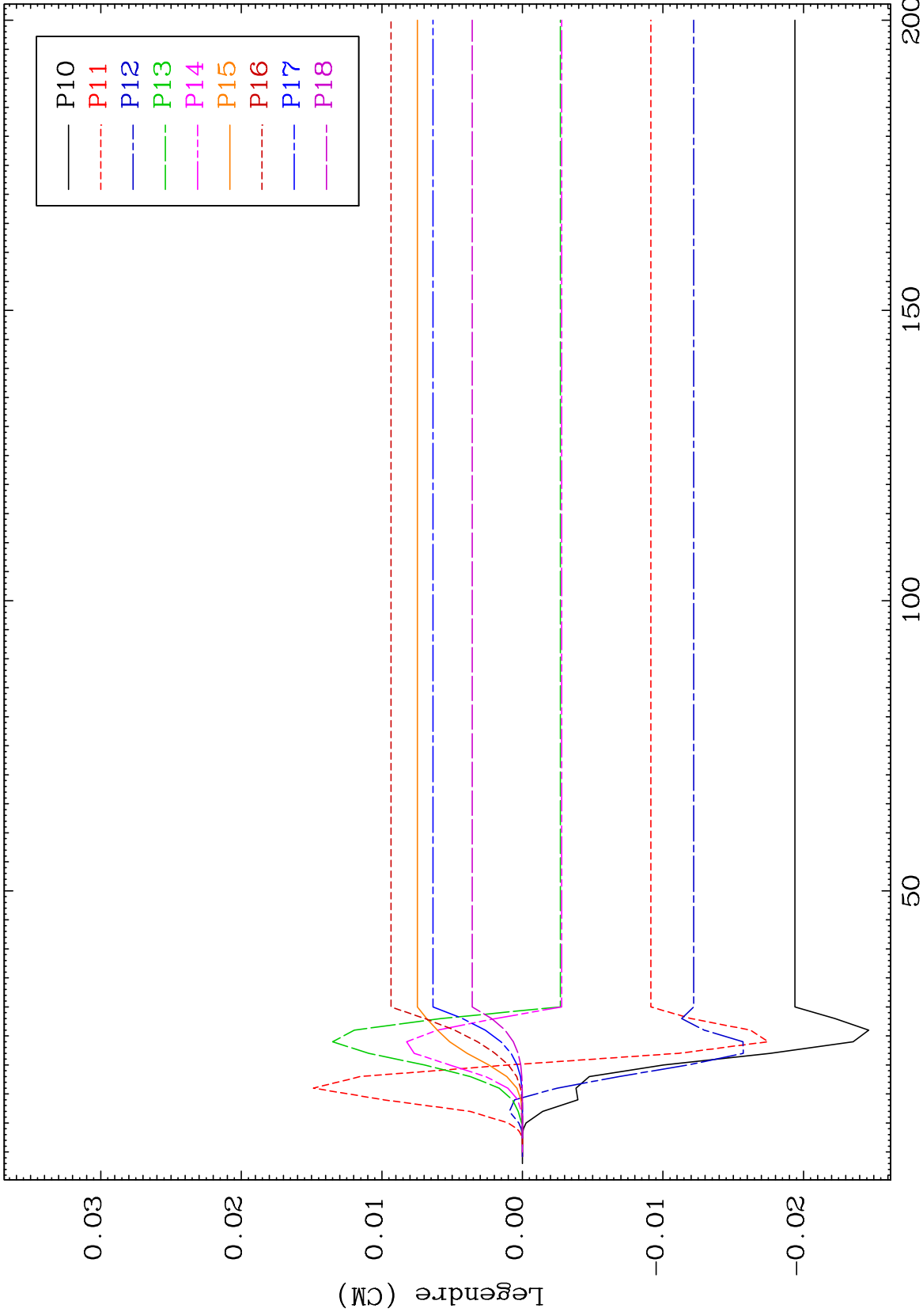
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



45

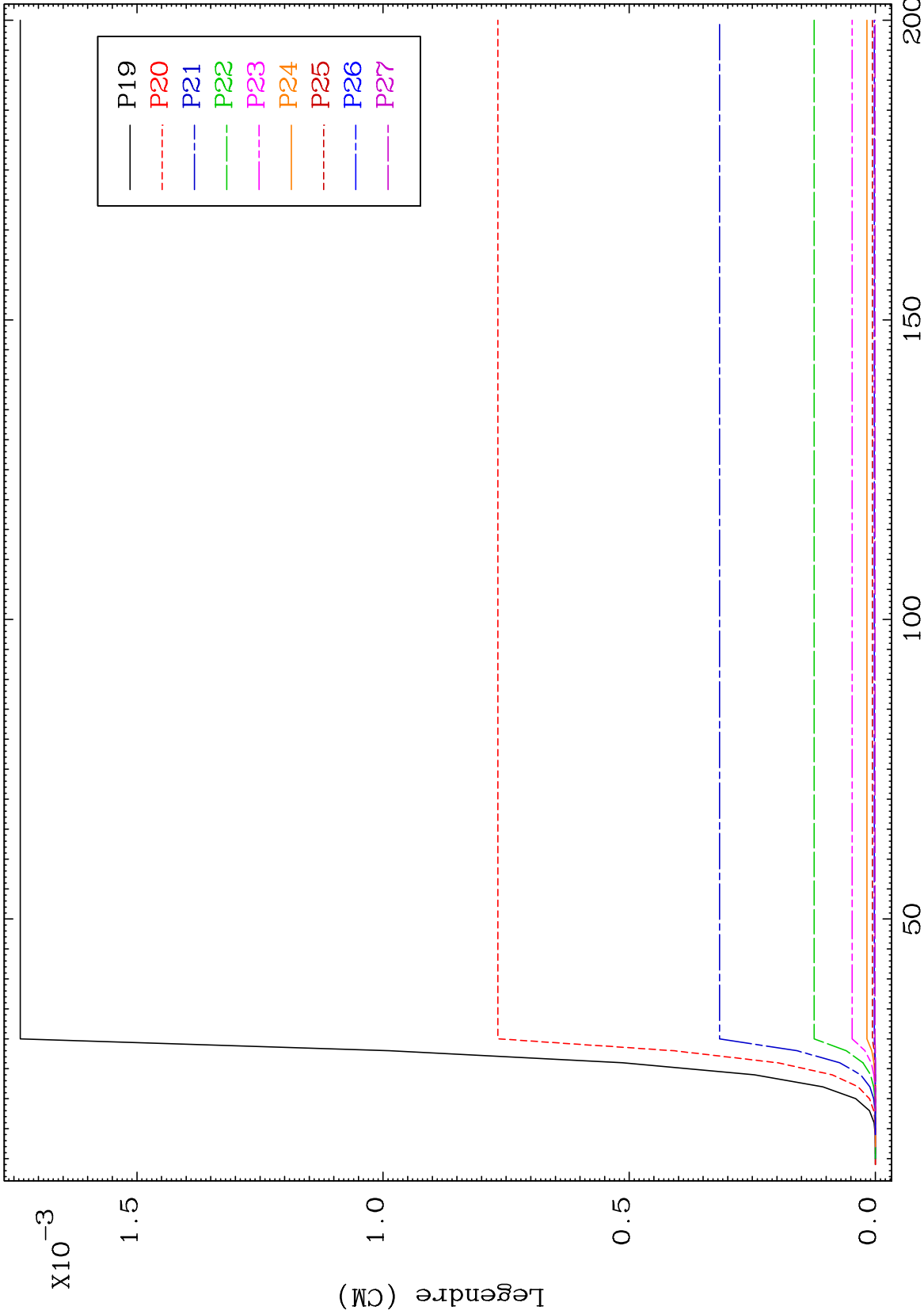
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



46

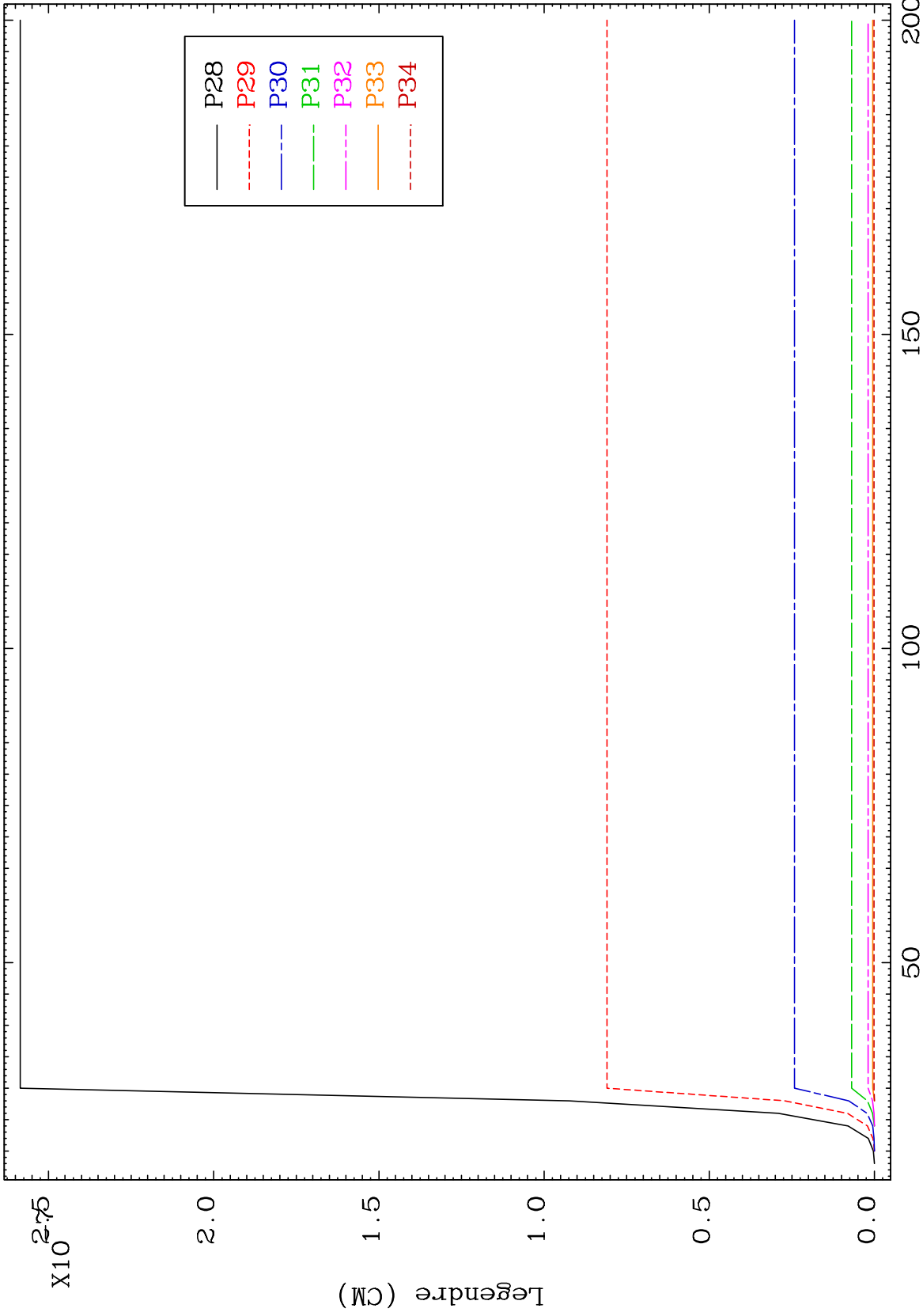
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



47

Incident Energy (MeV)

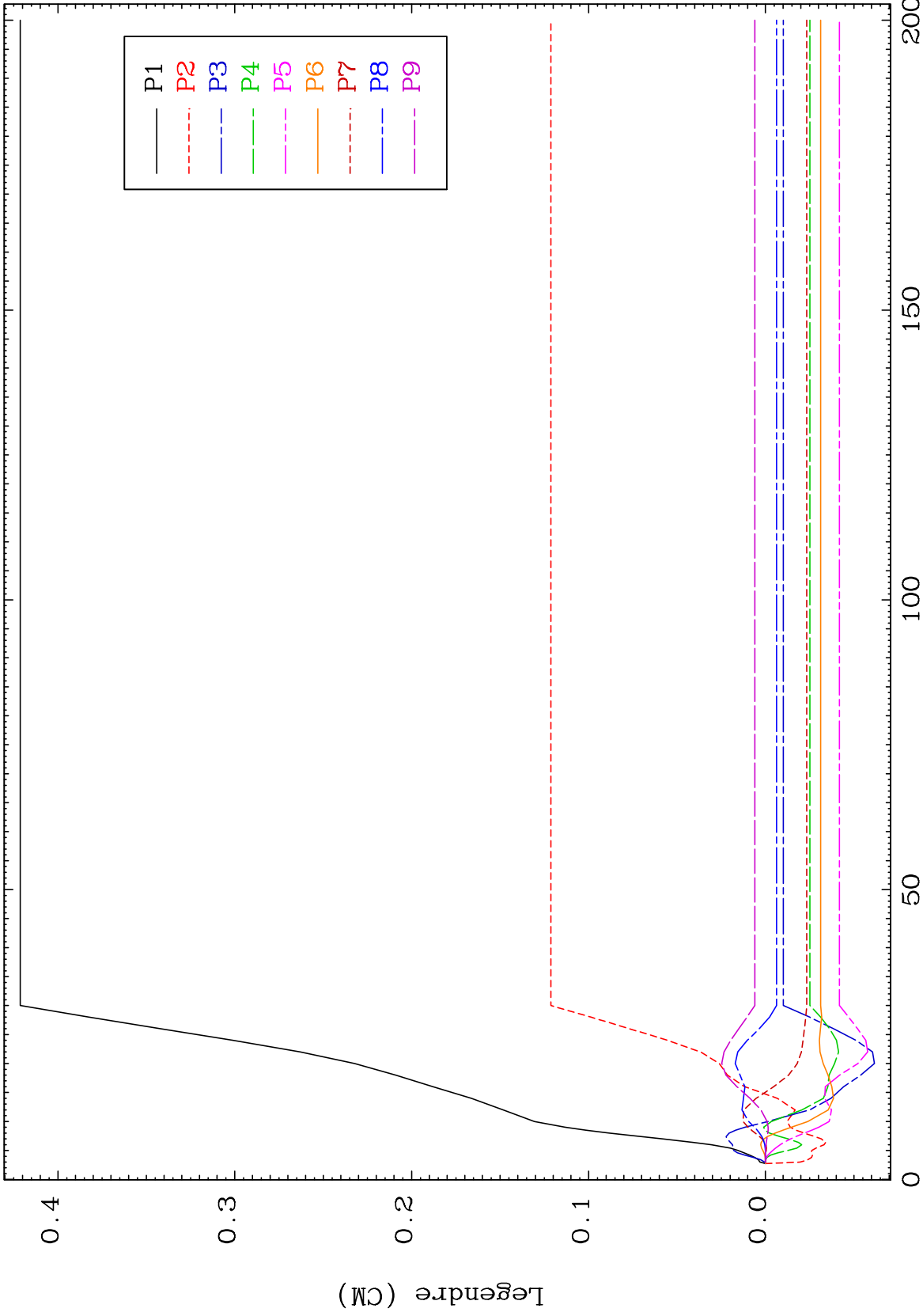
36-Kr-84



MAT 3643

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

36-Kr-84



48

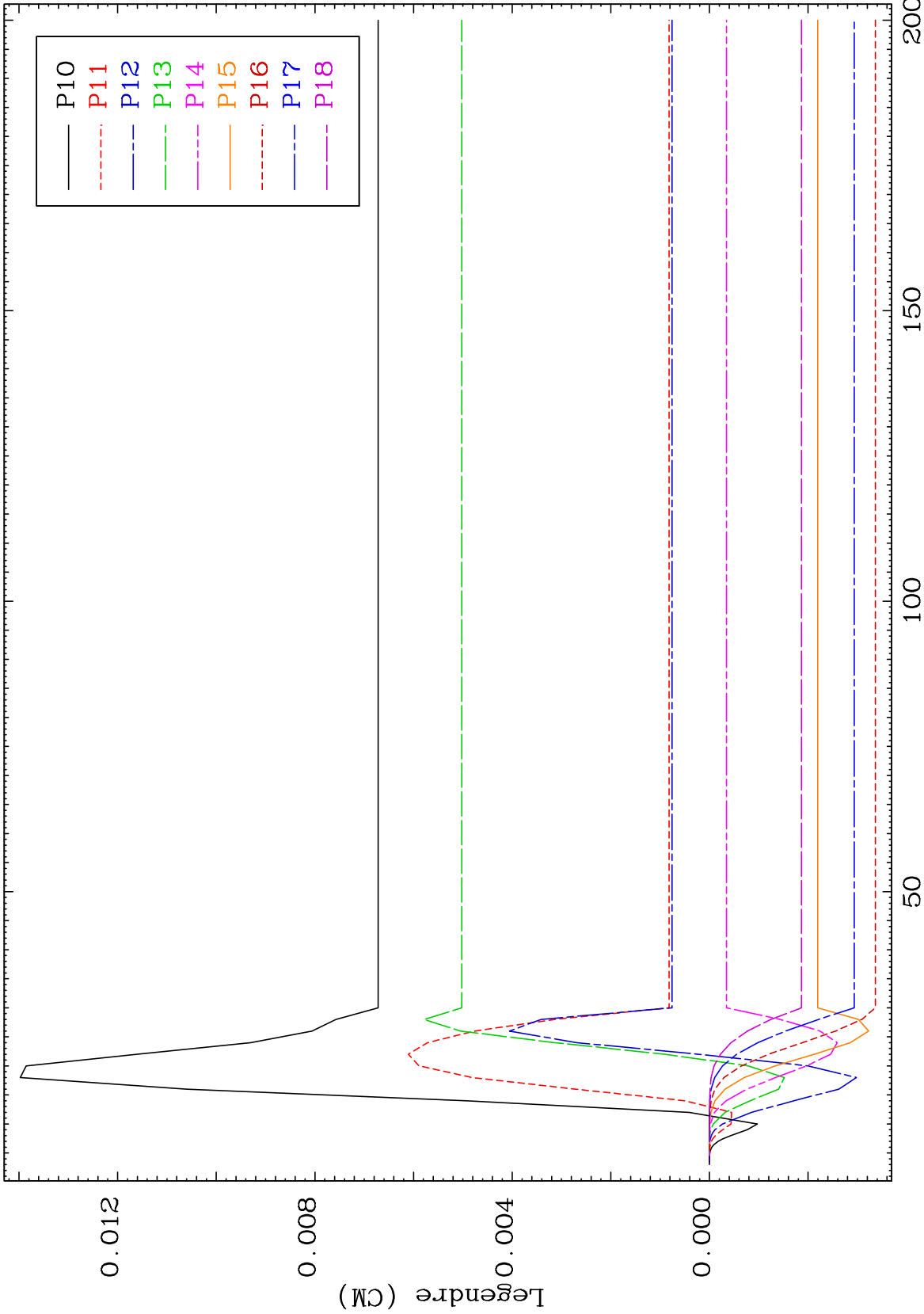
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



49

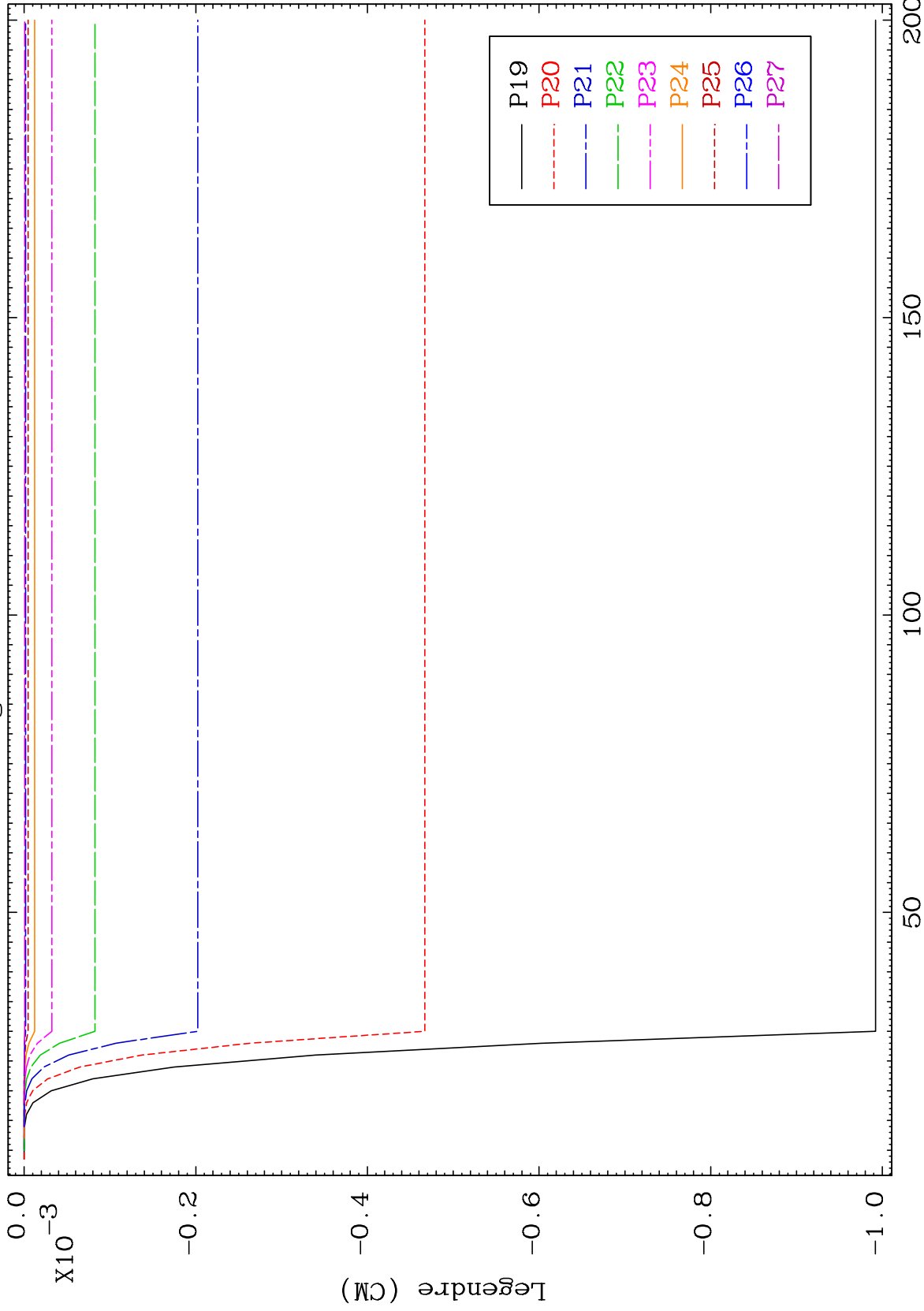
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



50

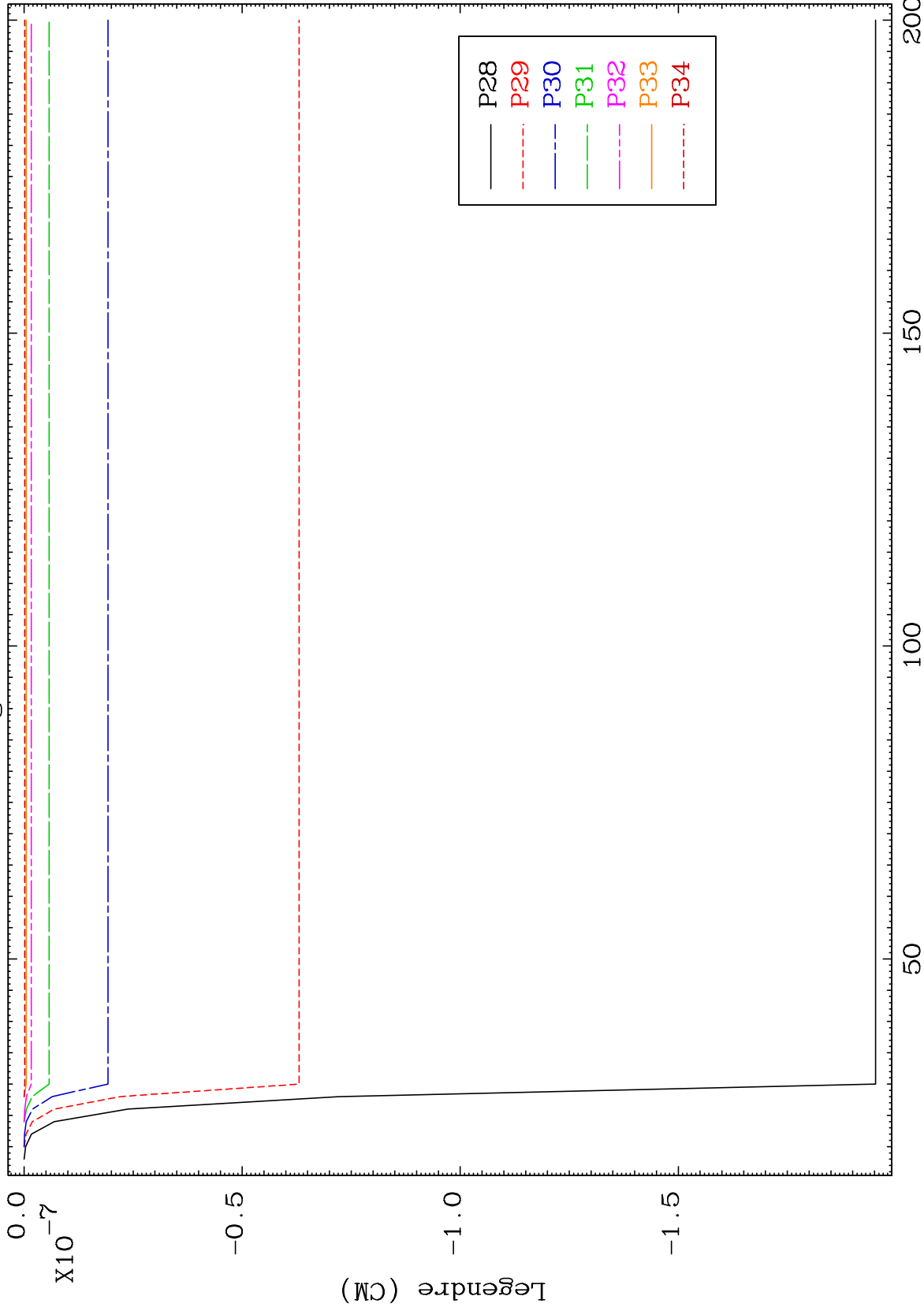
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



36-Kr-84

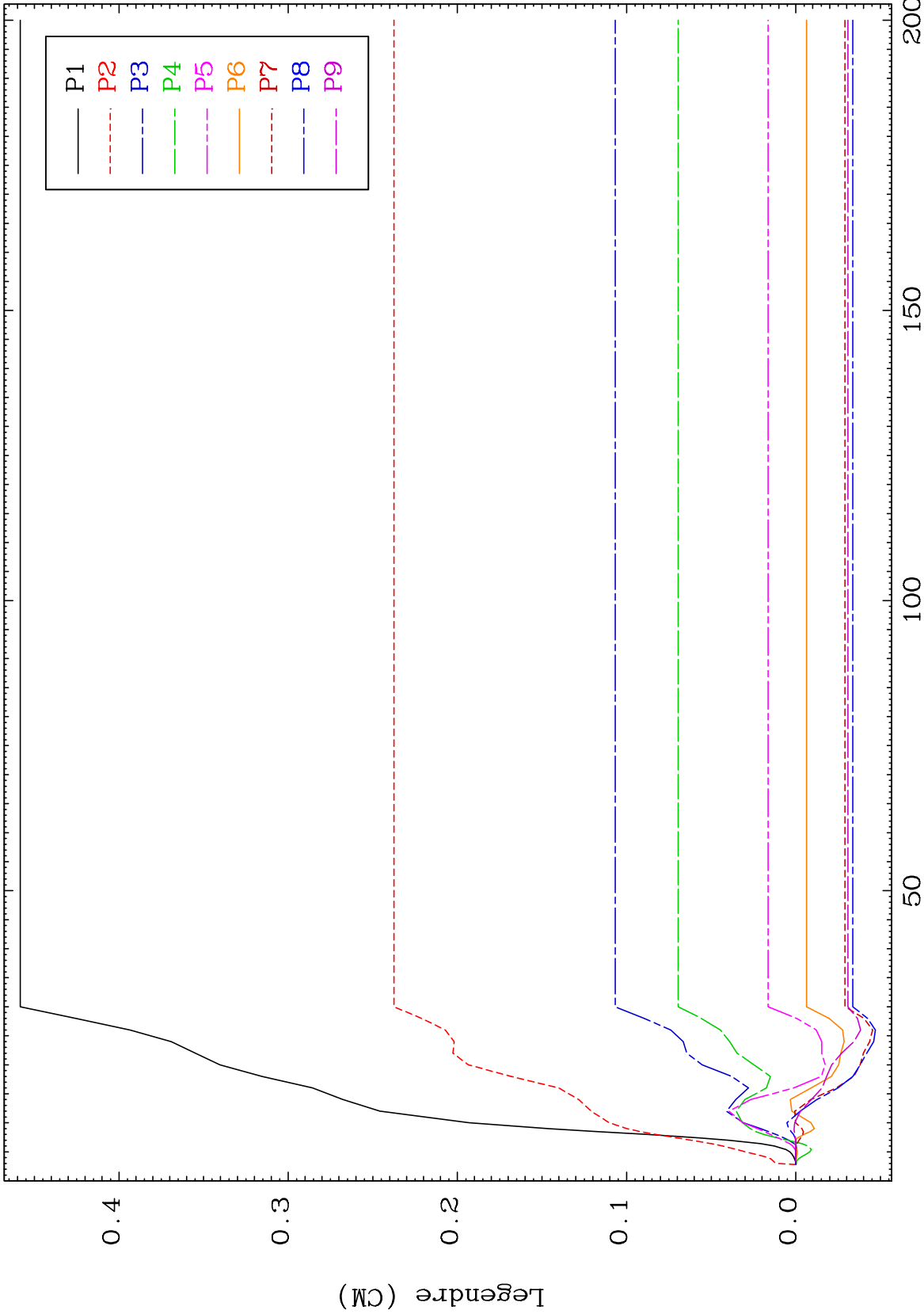
Incident Energy (MeV)

51

MAT 3643

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

36-Kr-84



52

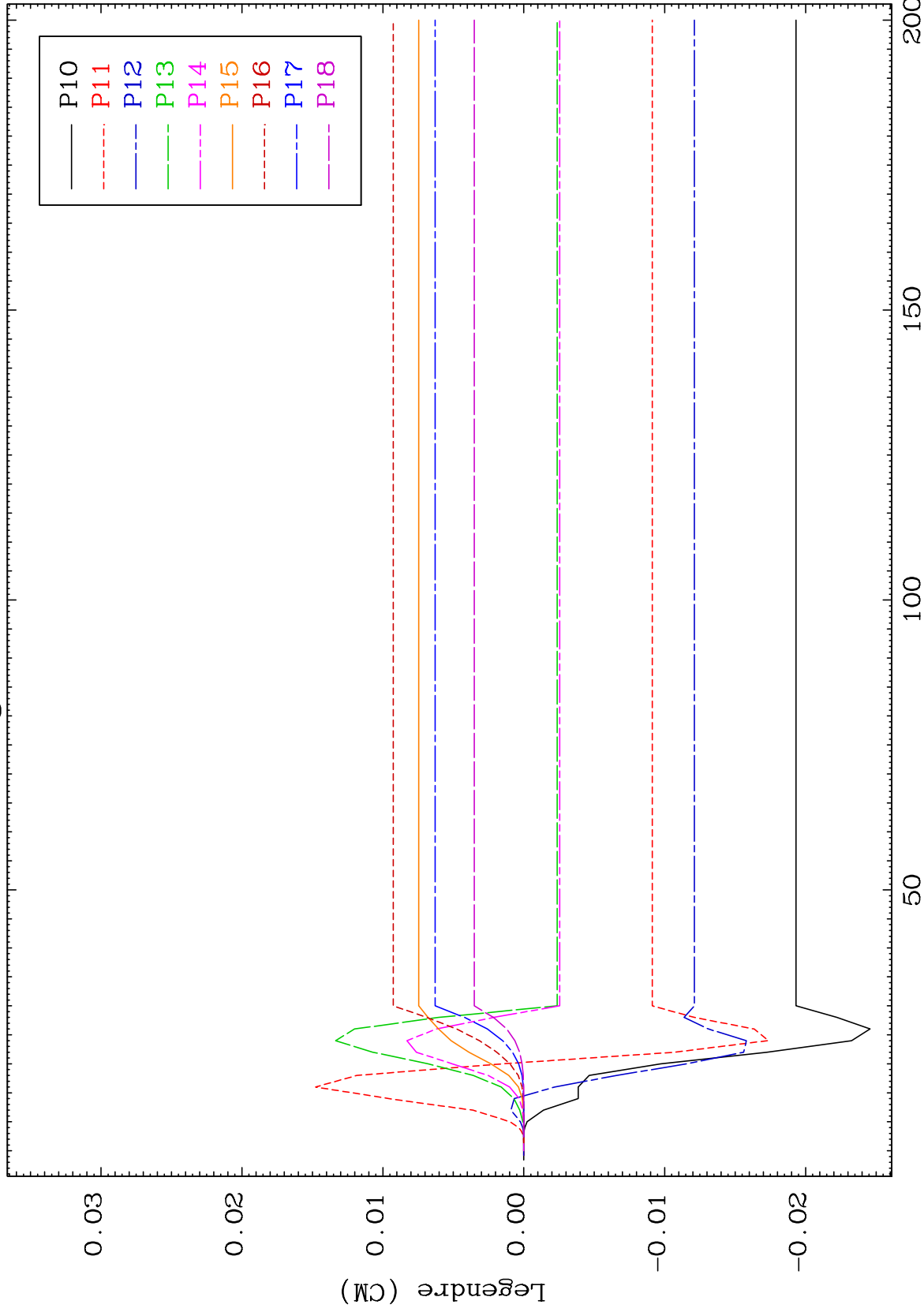
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



53

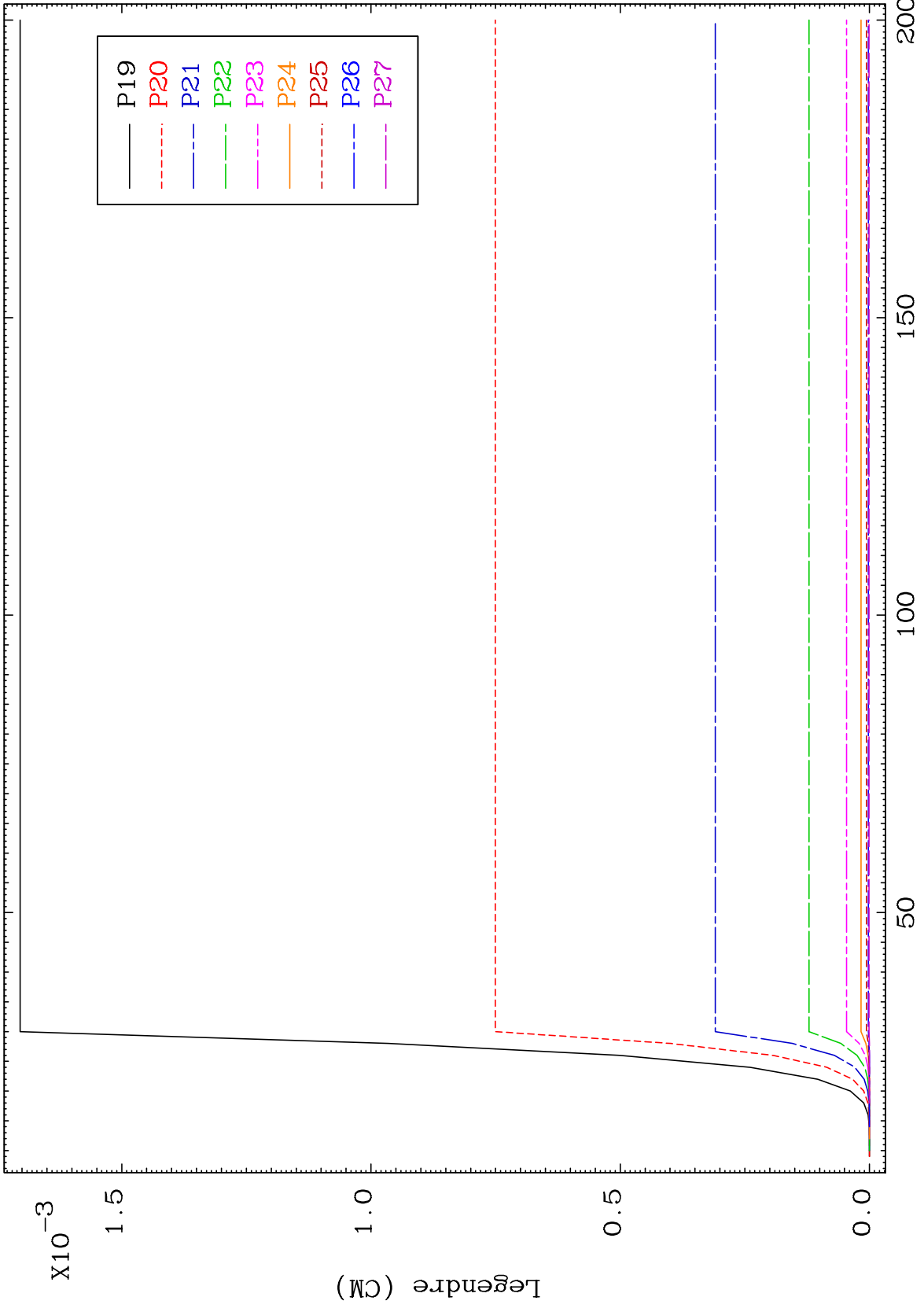
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



54

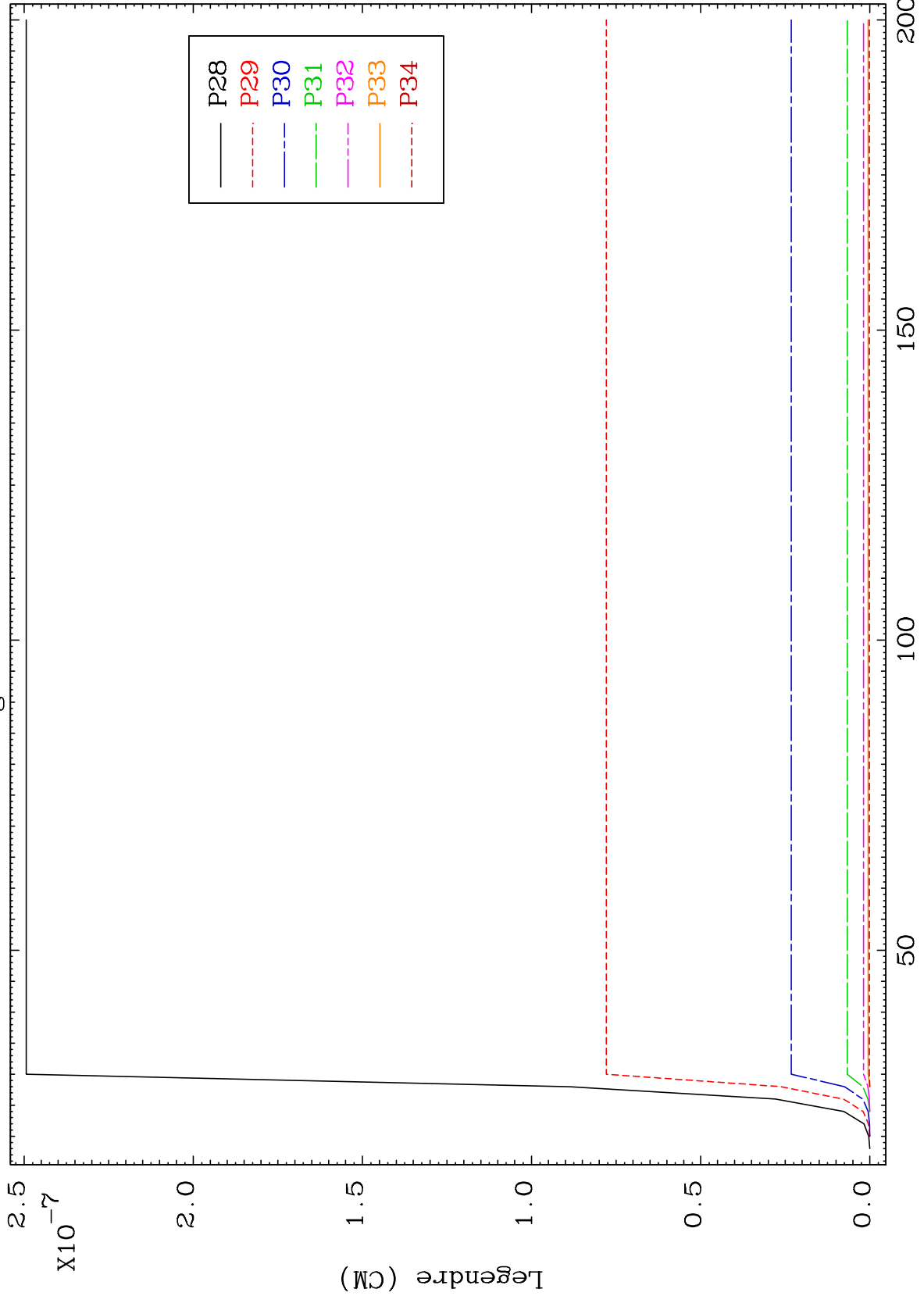
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



55

Incident Energy (MeV)

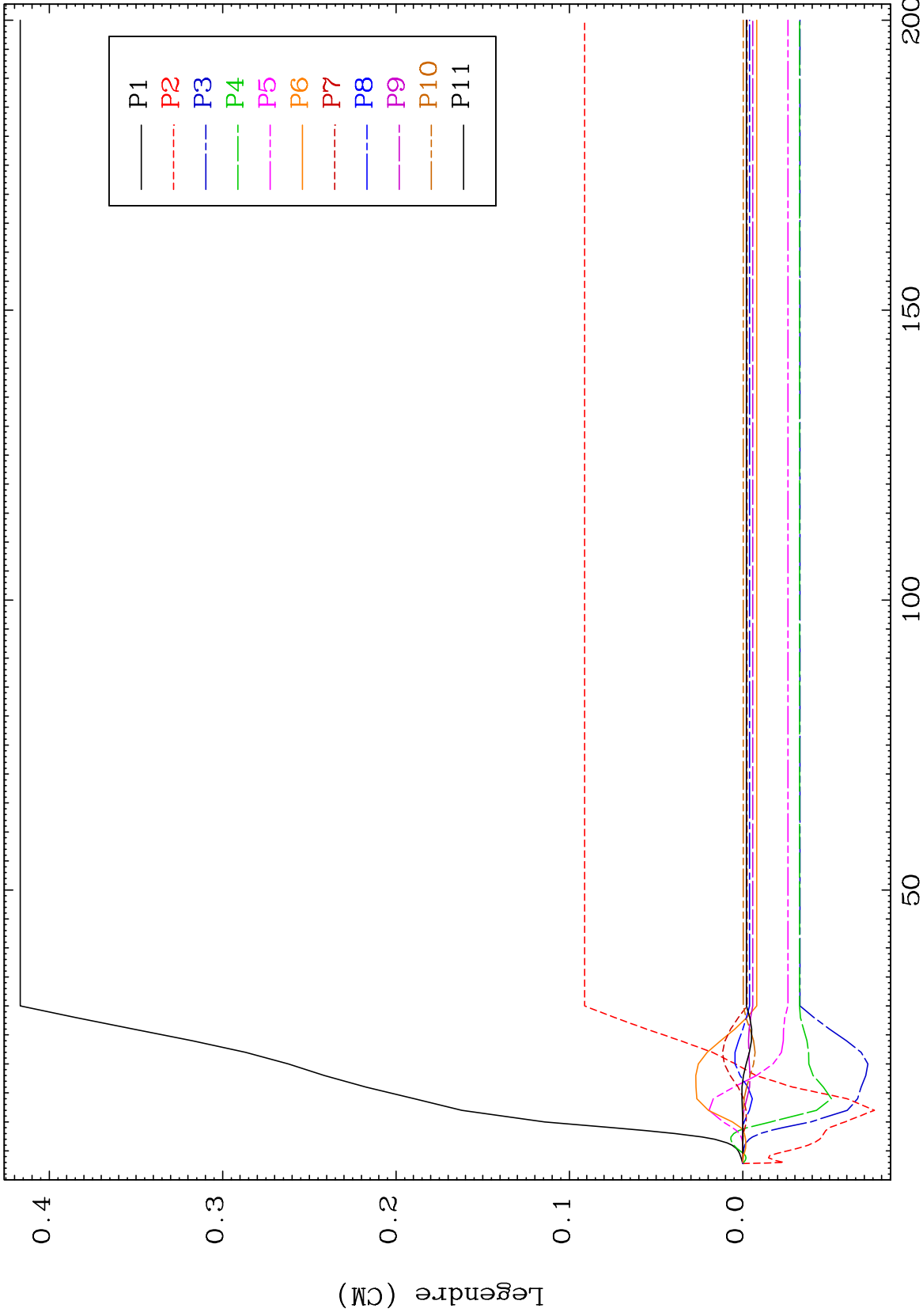
36-Kr-84



MAT 3643

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

36-Kr-84



56

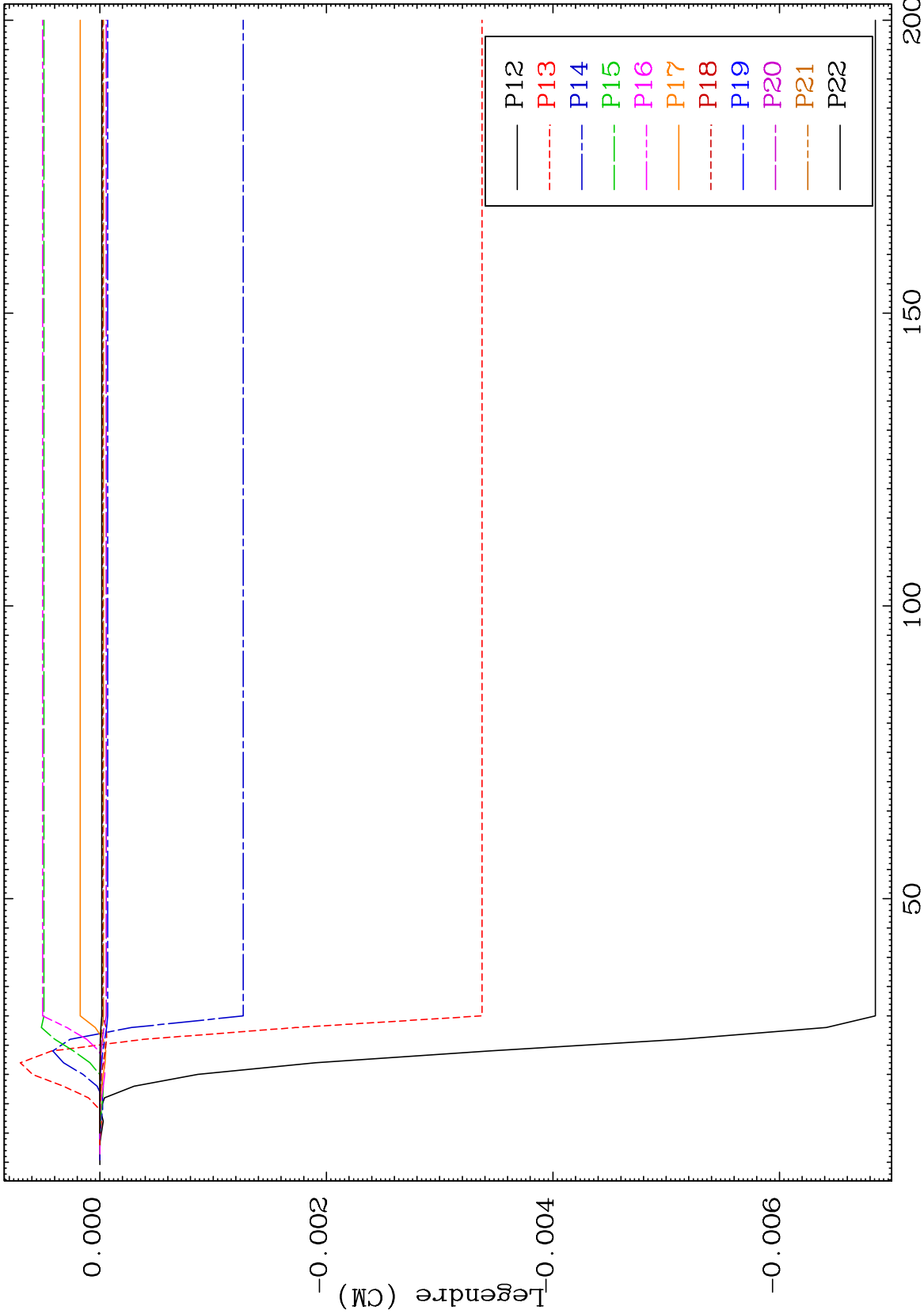
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



57

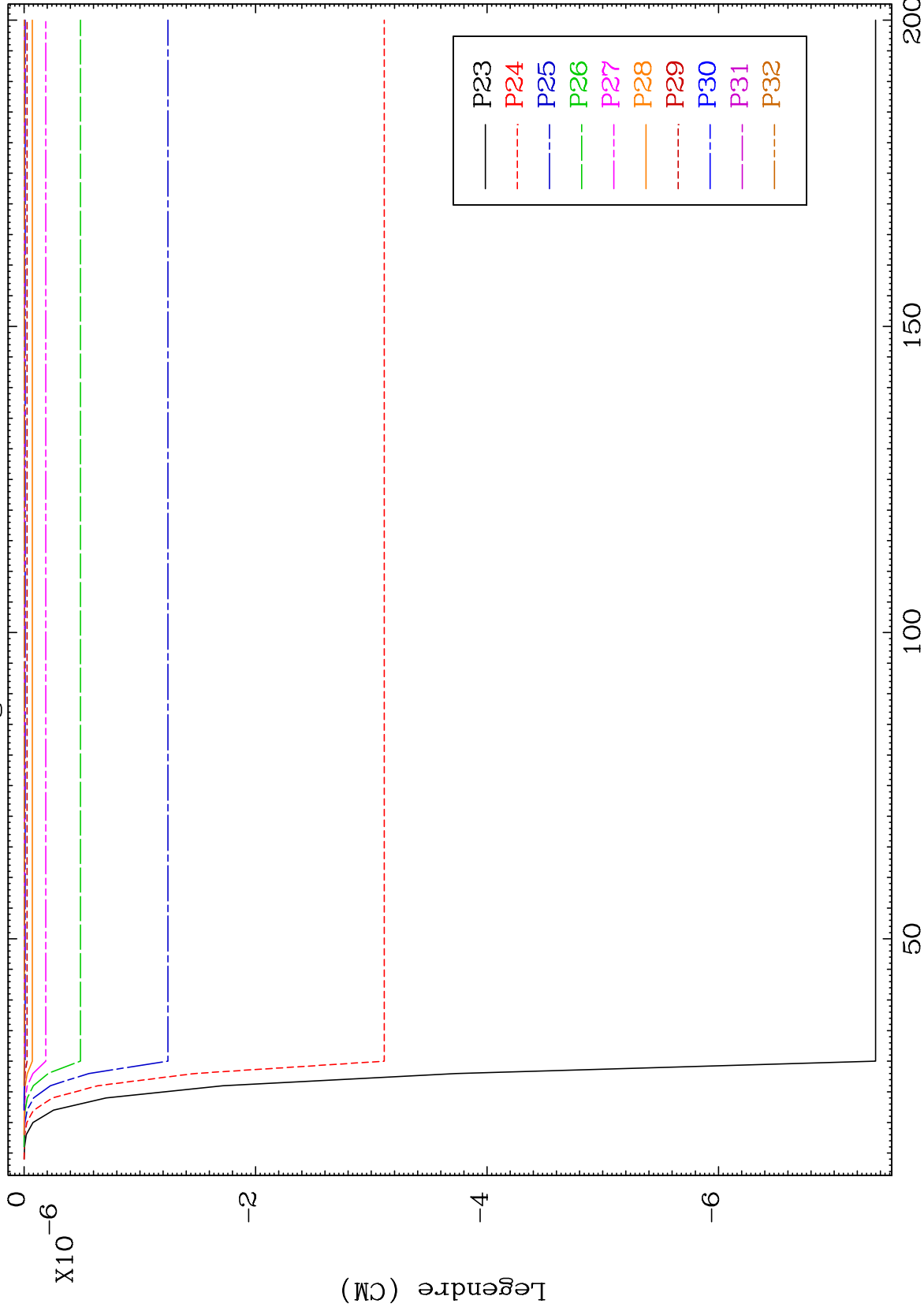
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



58

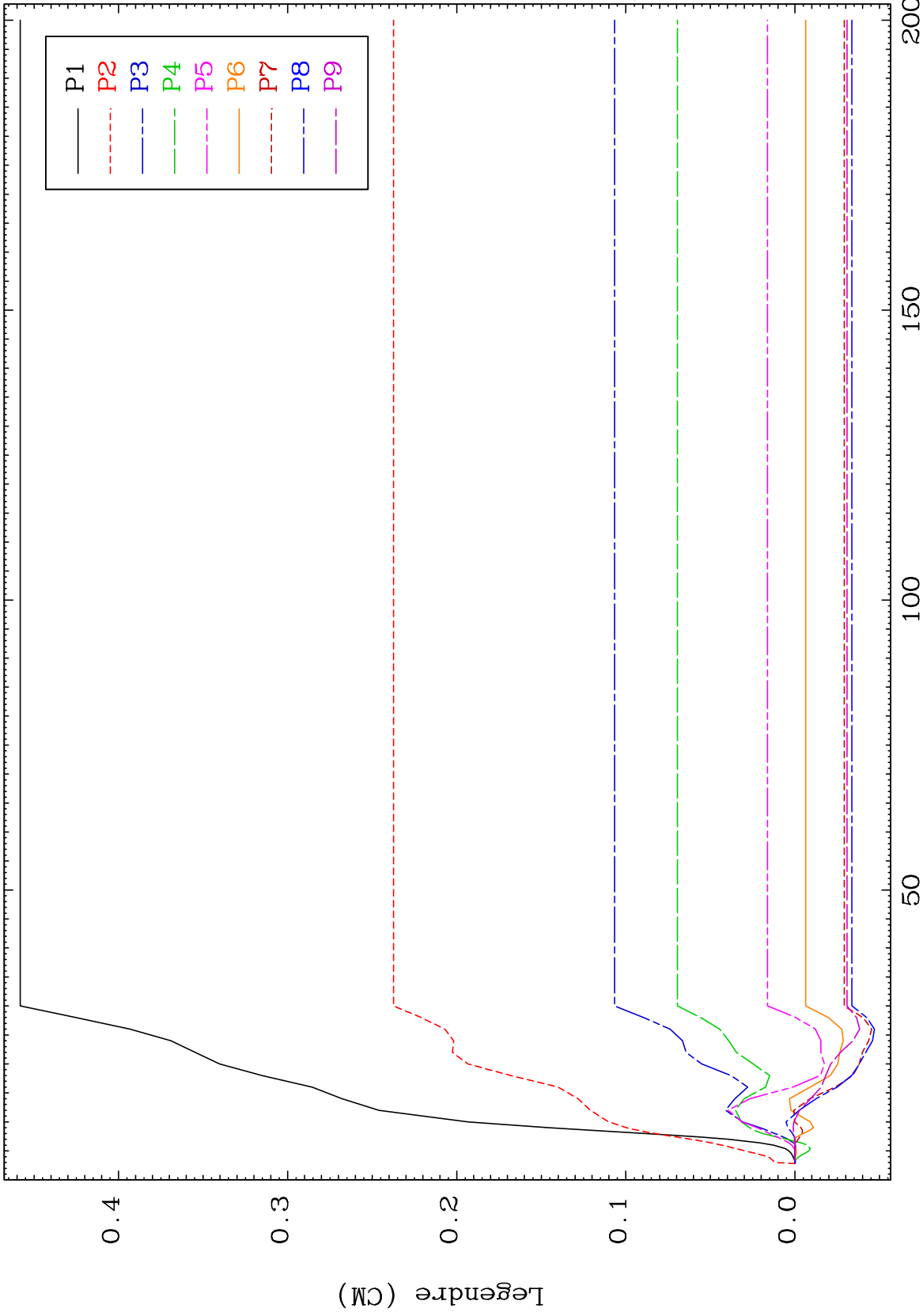
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



59

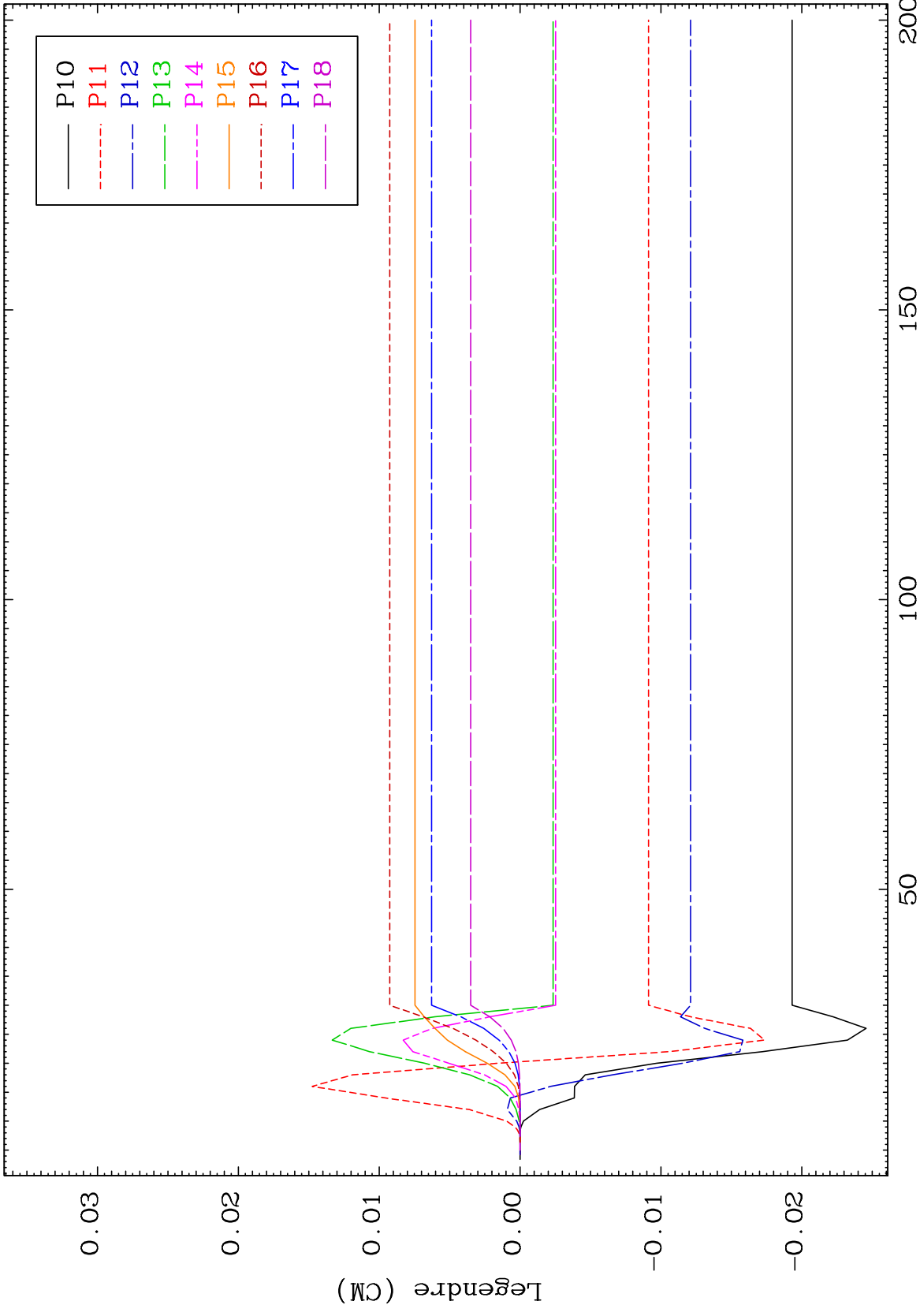
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



60

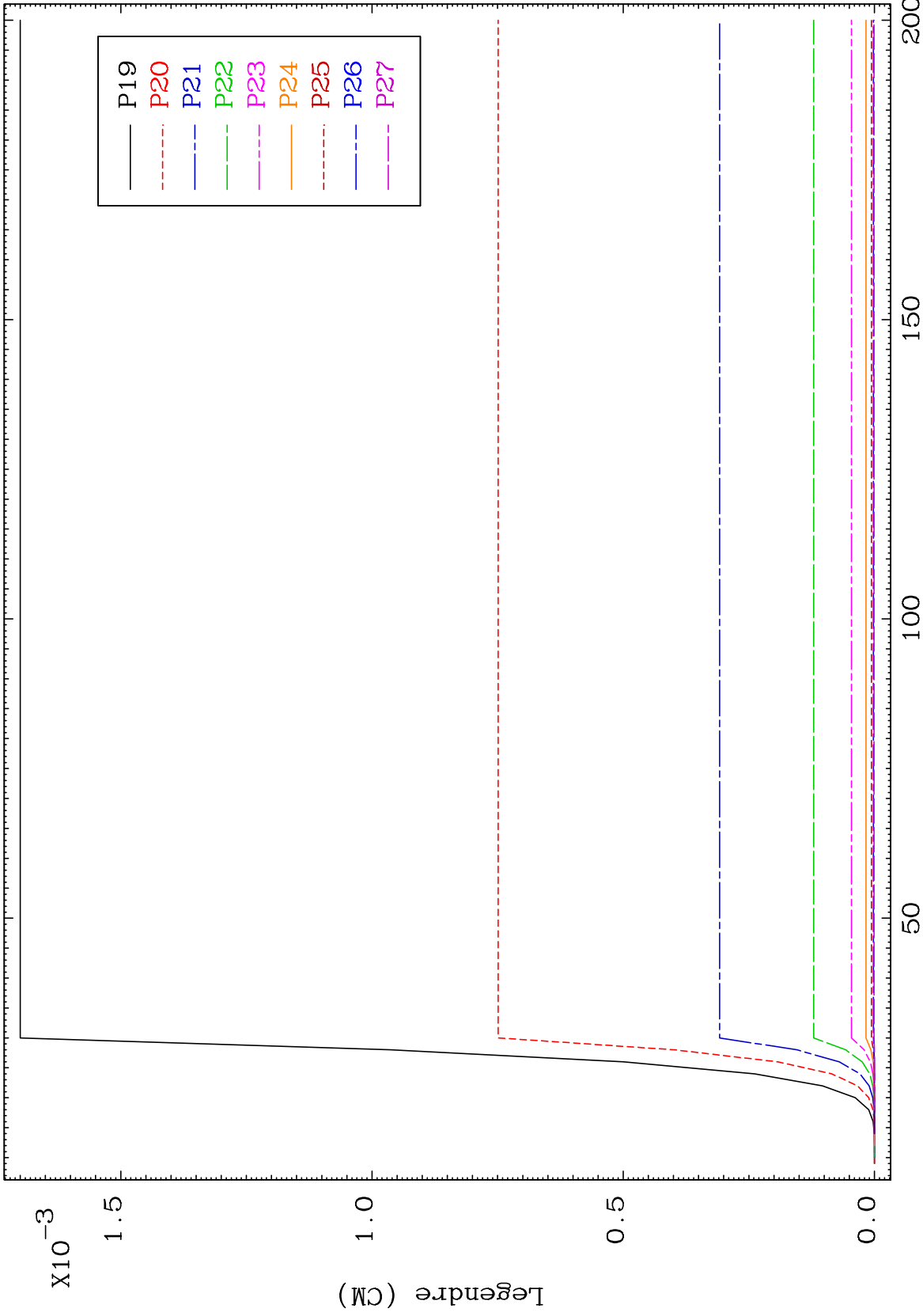
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



61

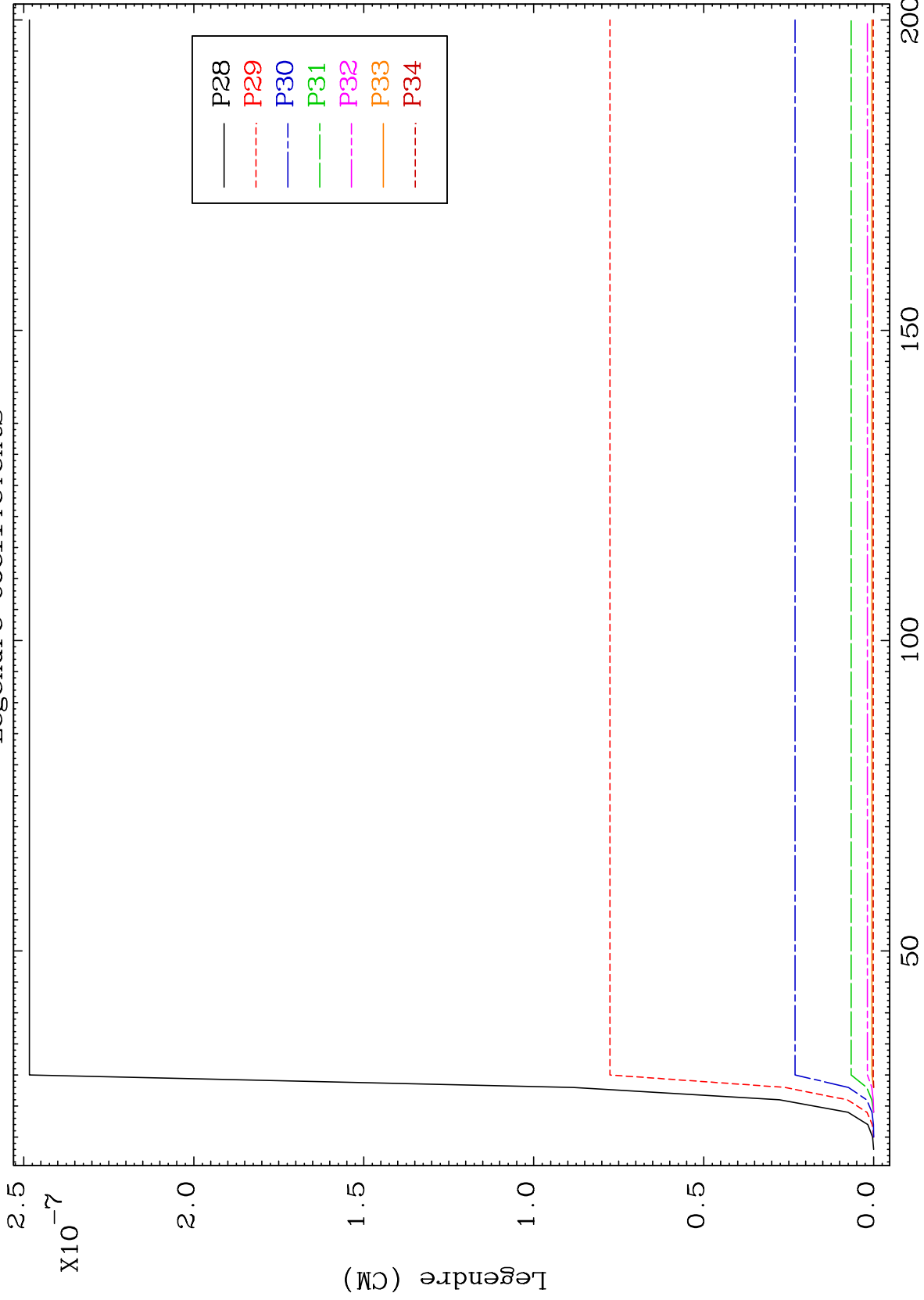
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



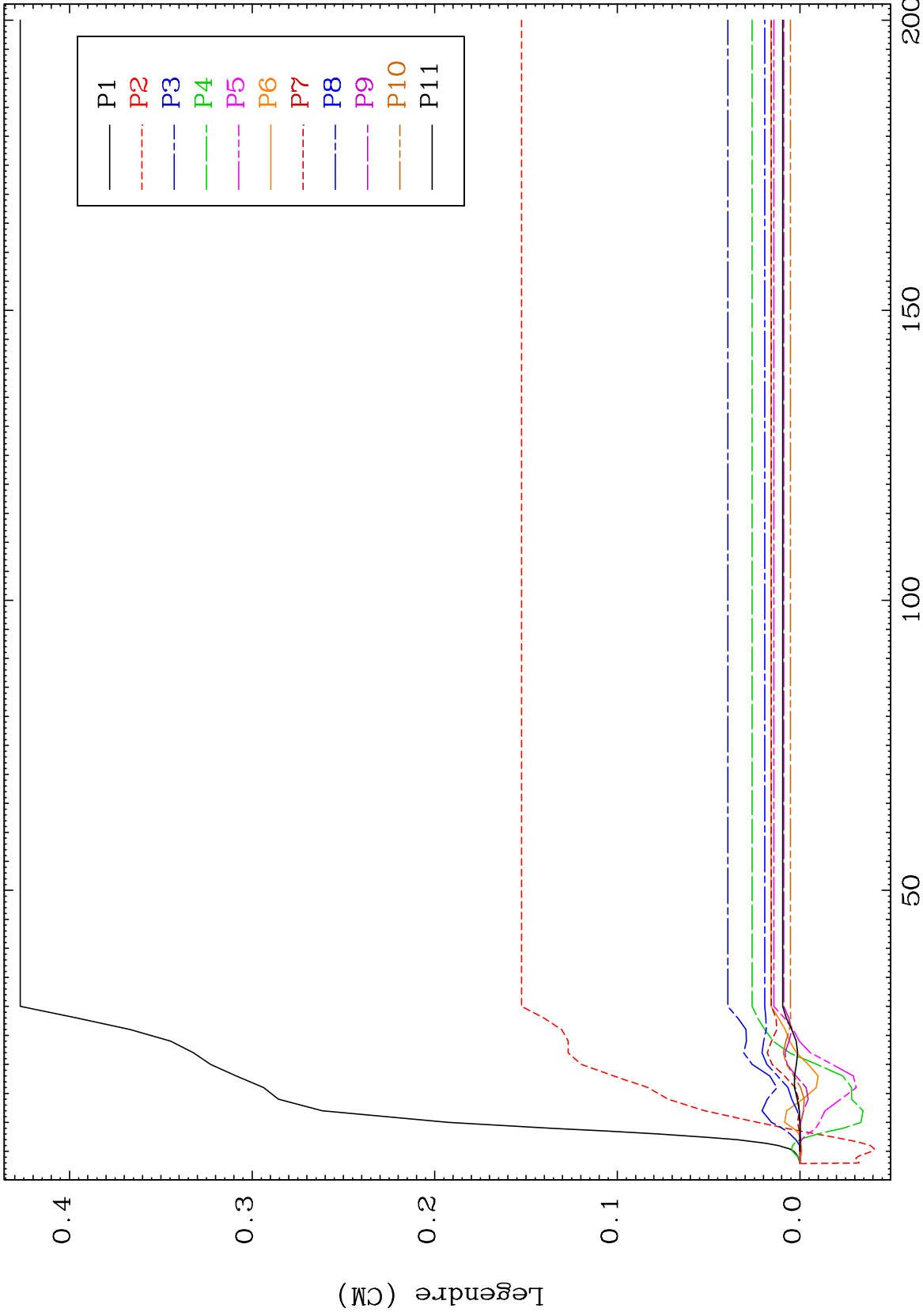
62

36-Kr-84

MAT 3643

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

36-Kr-84



63

Incident Energy (MeV)

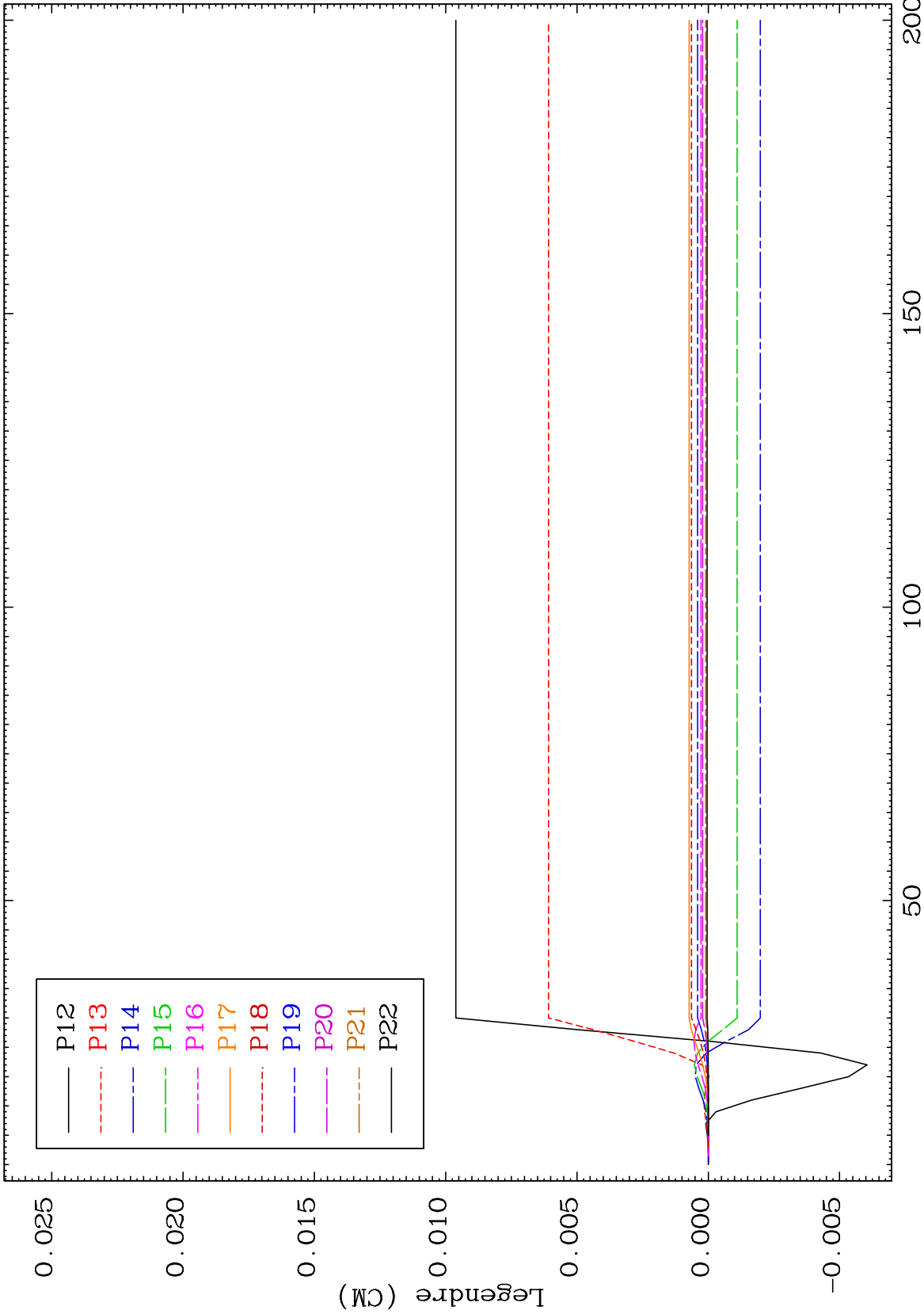
36-Kr-84



MAT 3643

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

36-Kr-84



64

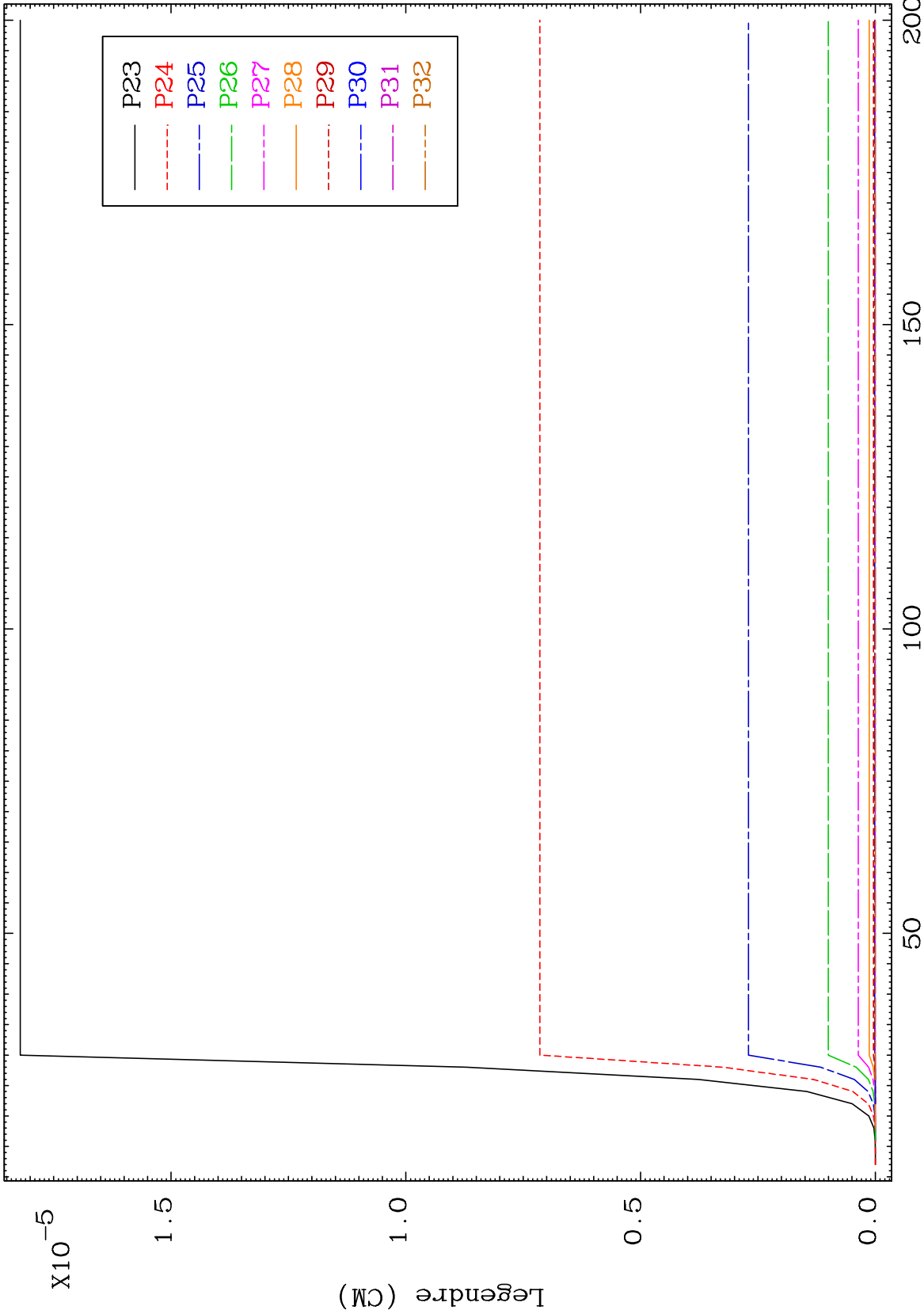
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



65

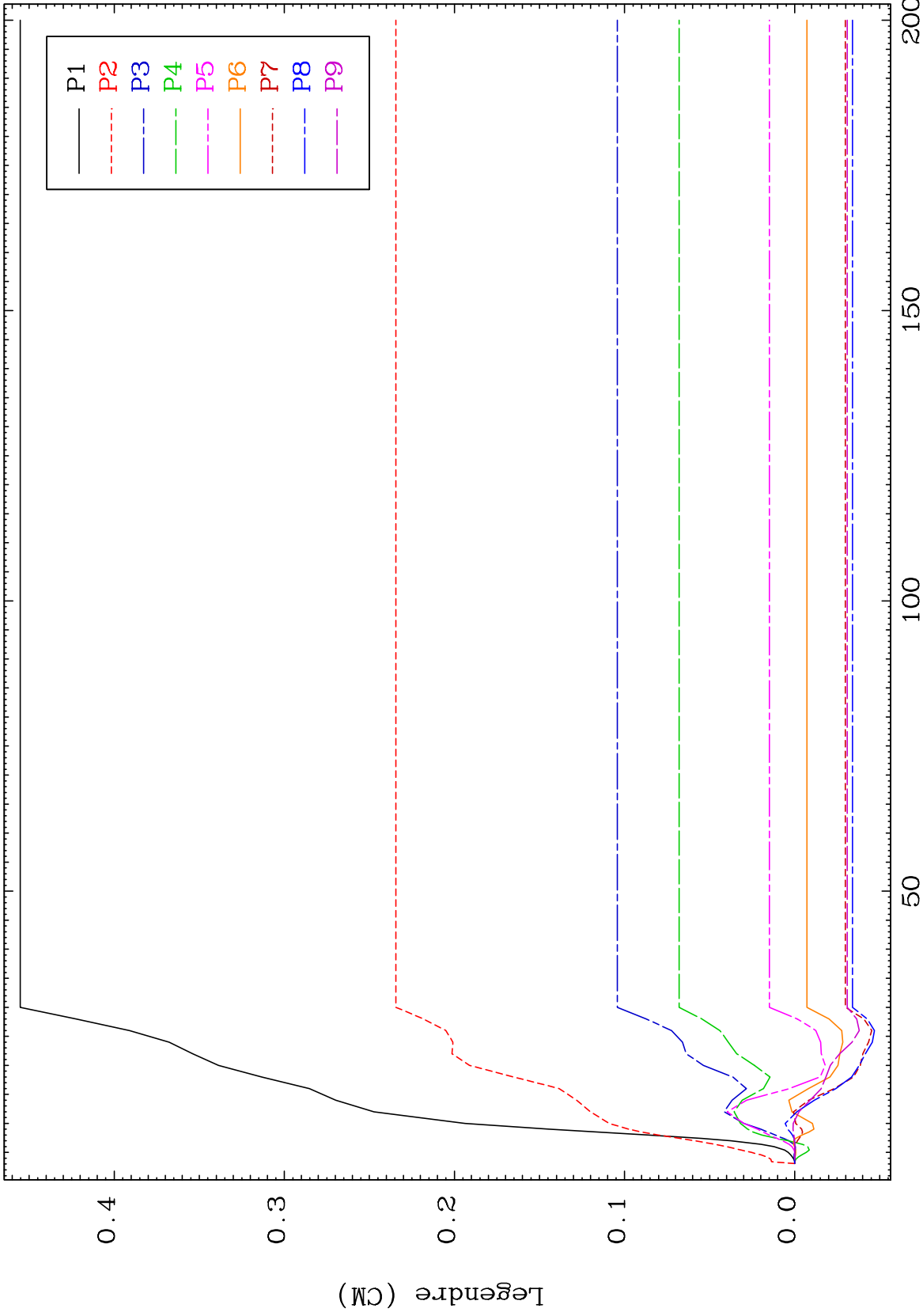
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



66

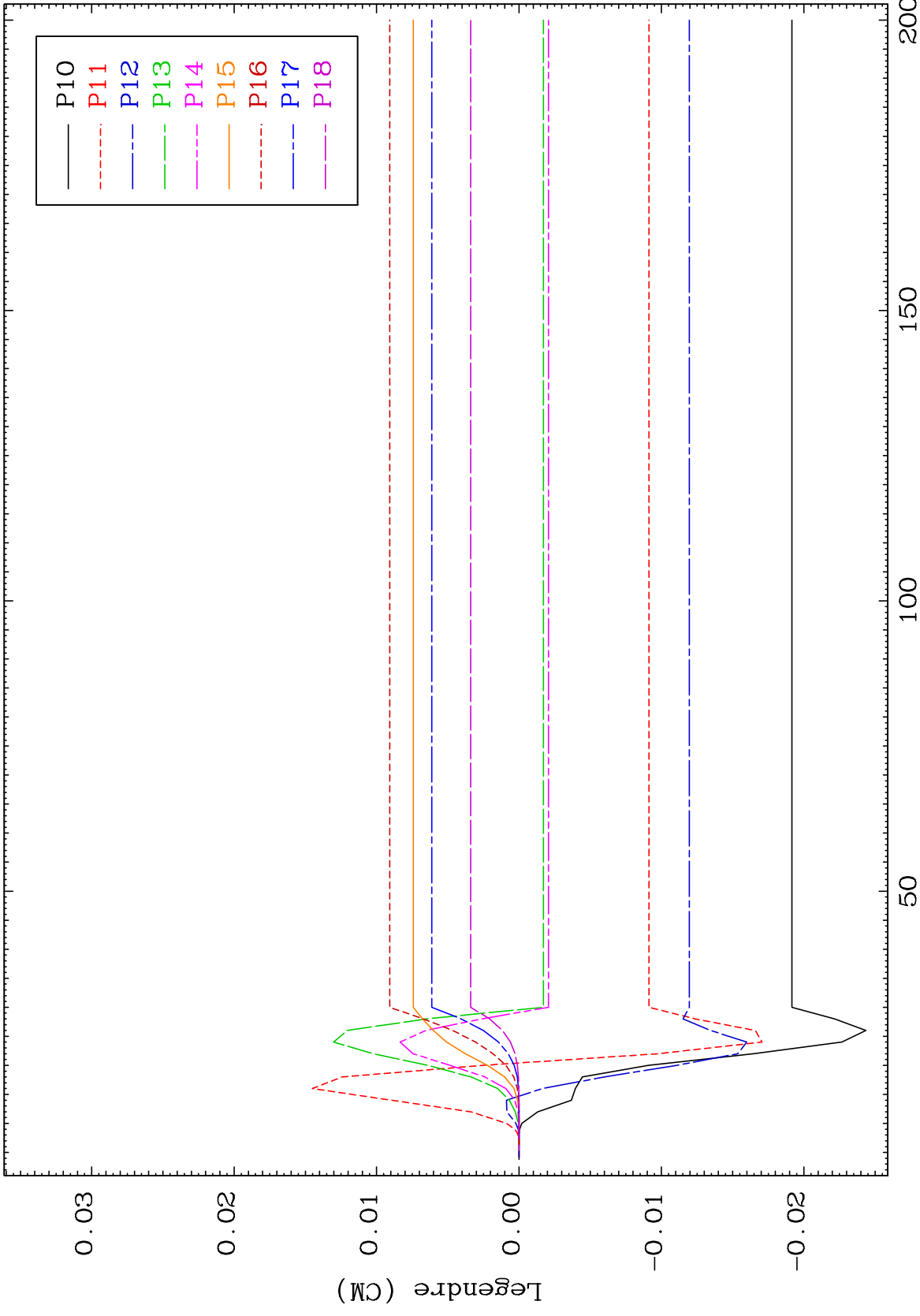
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



67

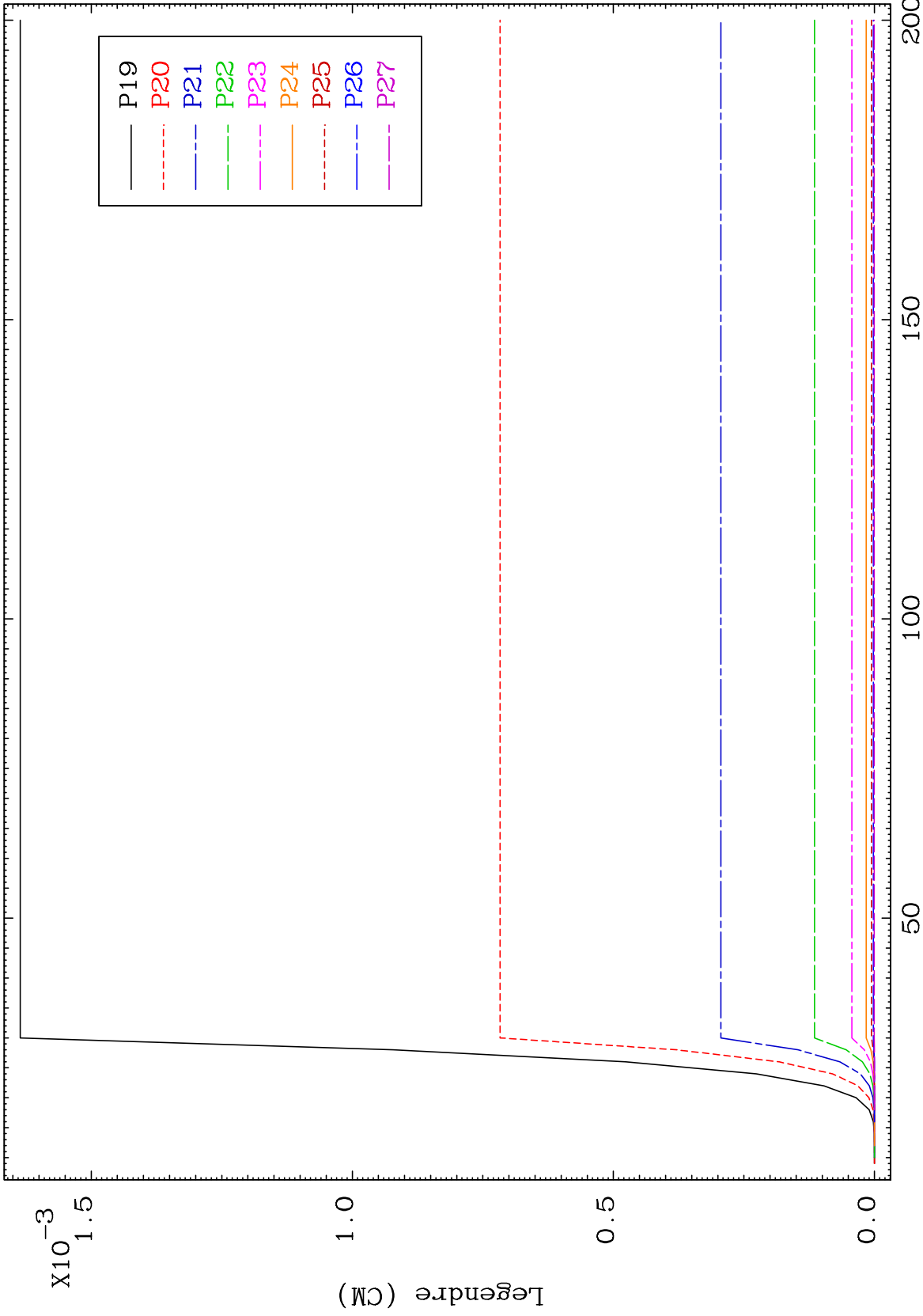
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



68

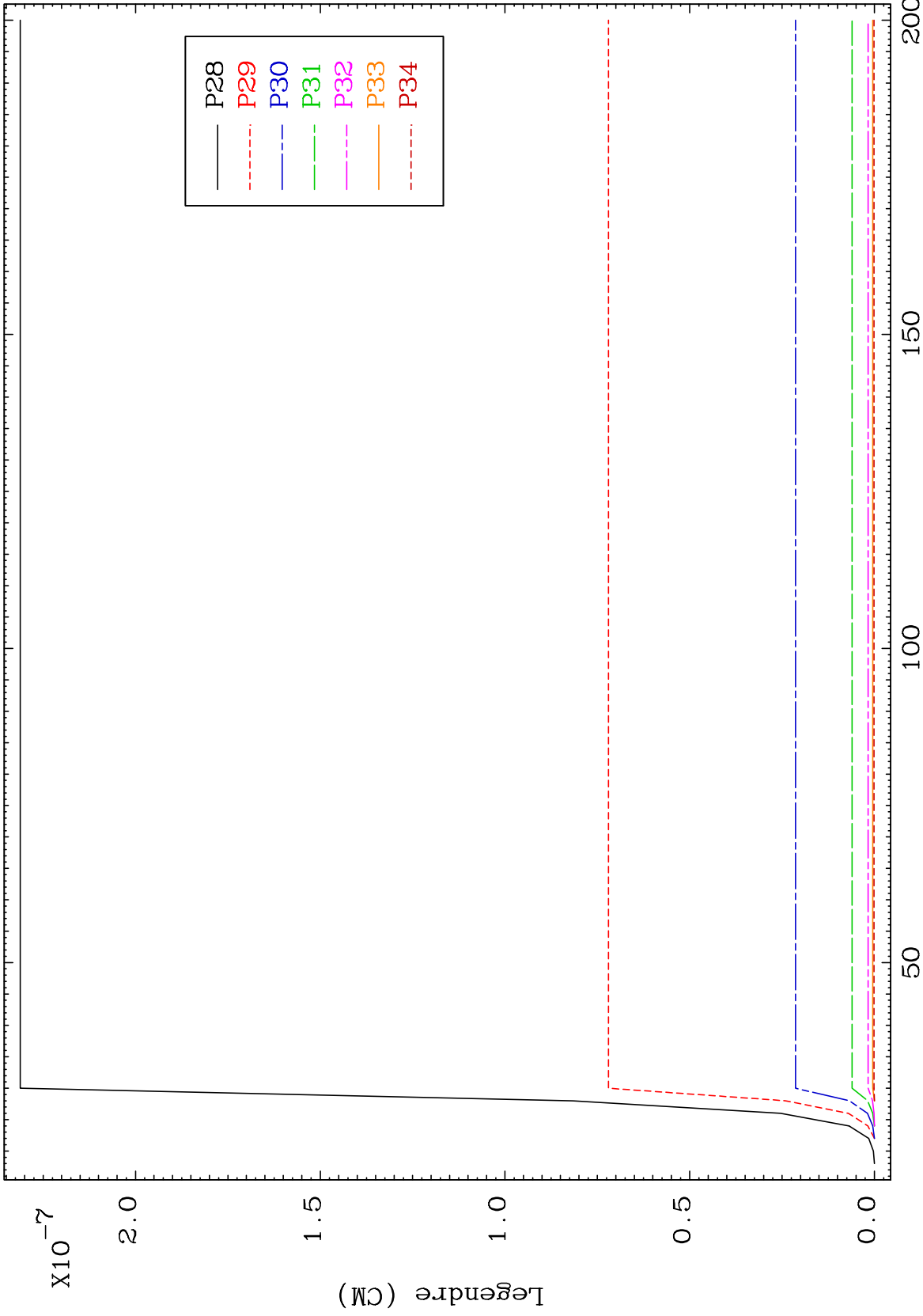
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



69

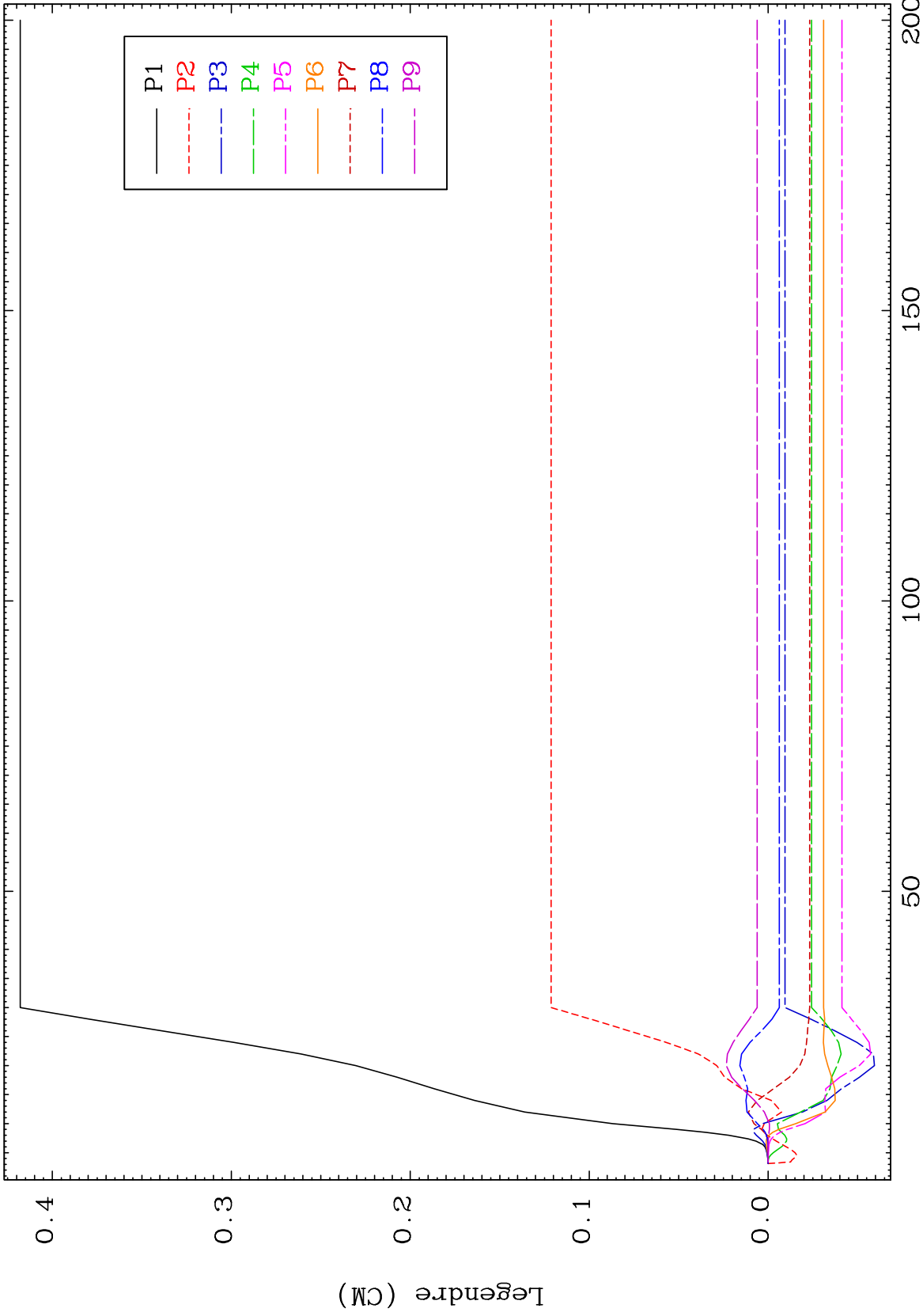
36-Kr-84

36-Kr-84

MAT 3643

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

36-Kr-84



70

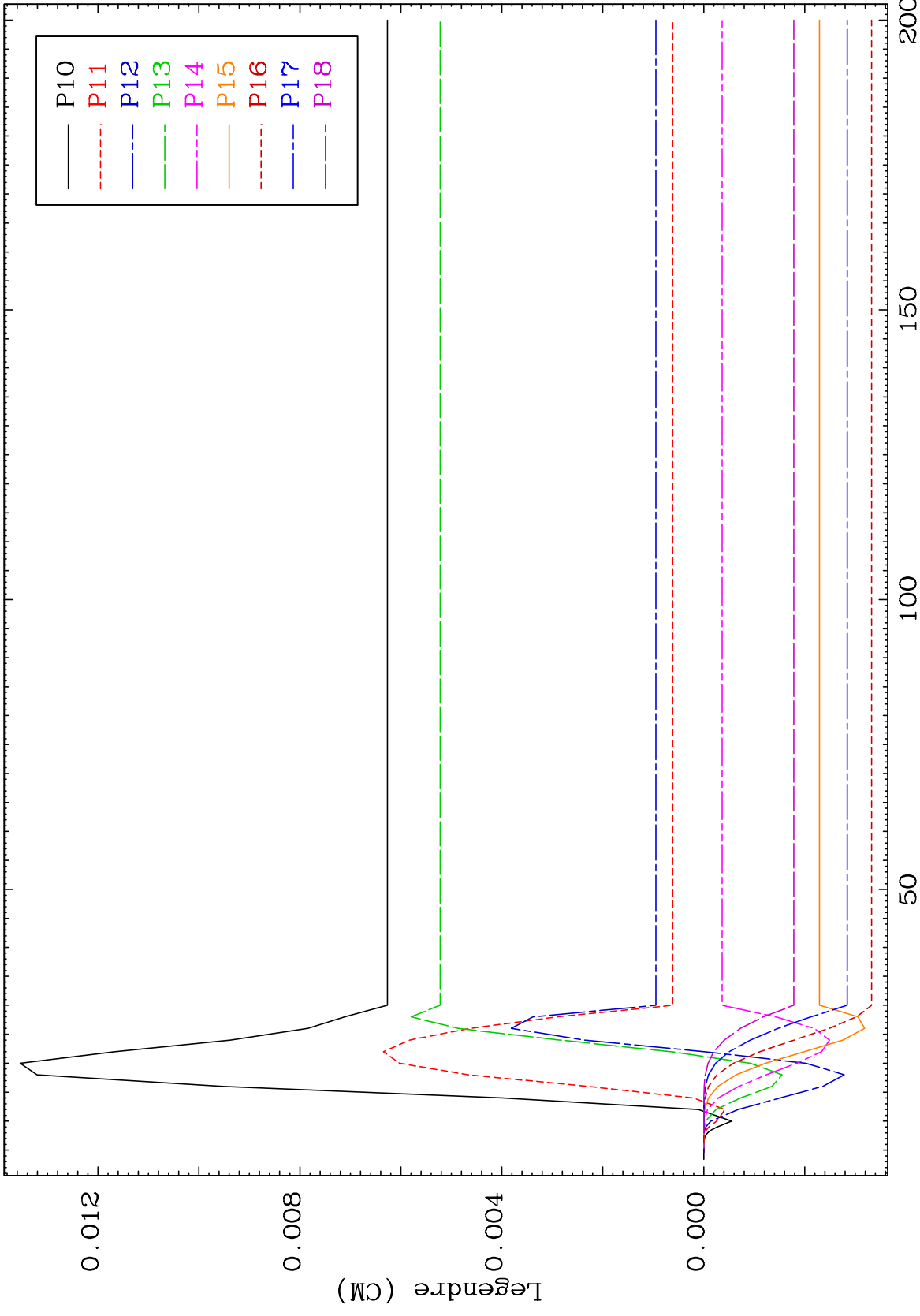
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



71

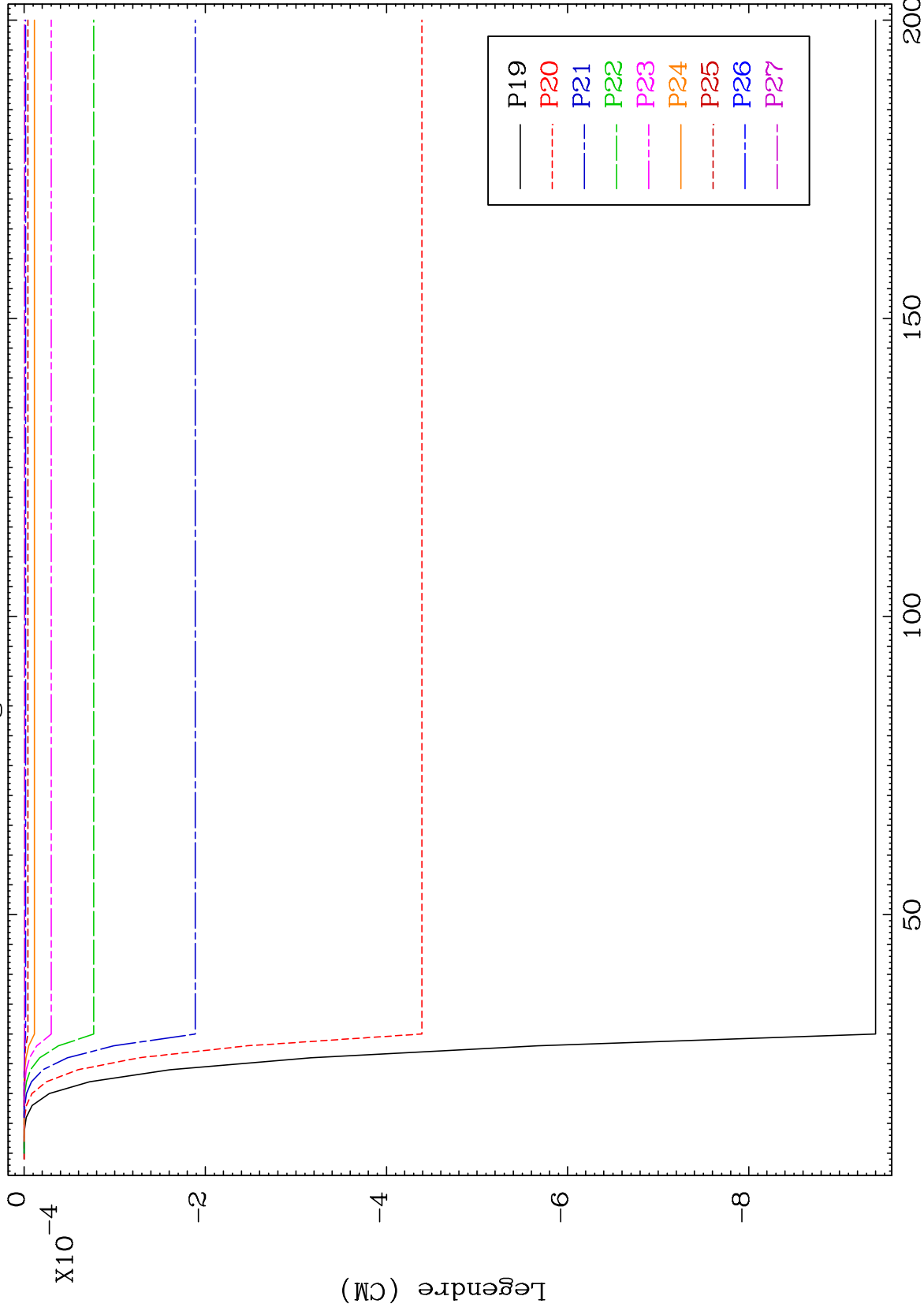
36-Kr-84



MAT 3643

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

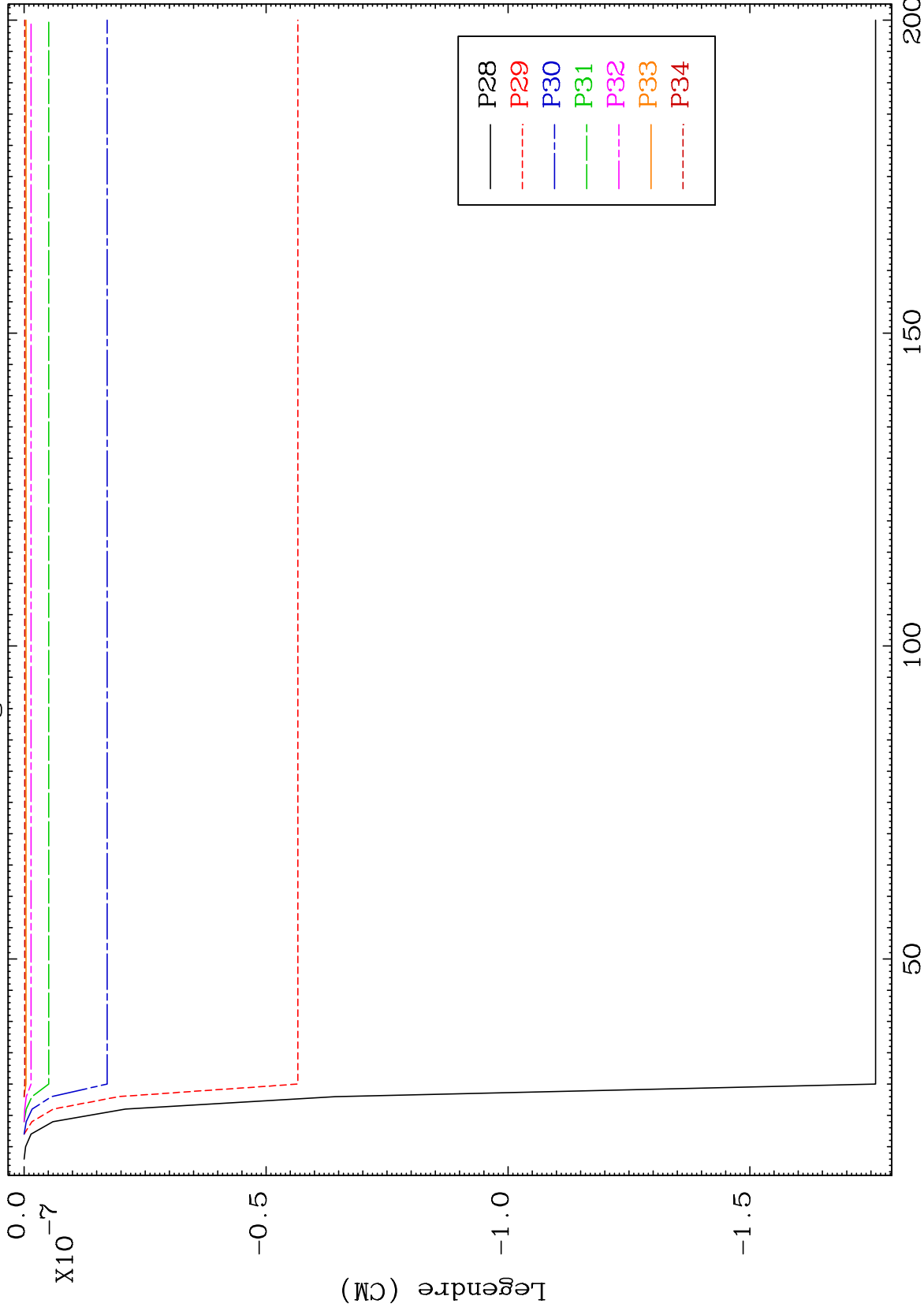
36-Kr-84



MAT 3643

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

36-Kr-84



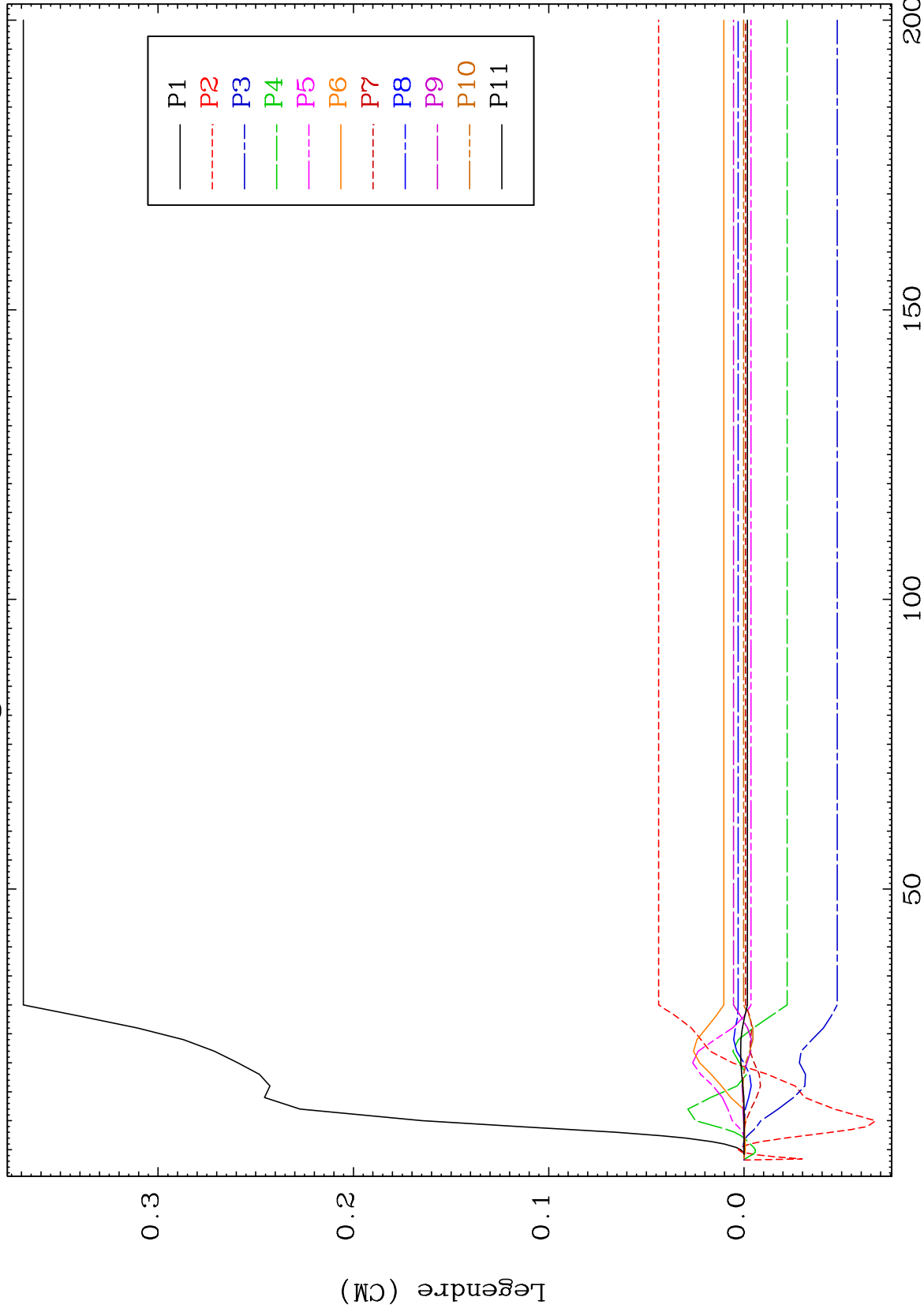
73

36-Kr-84

MAT 3643

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

36-Kr-84



74

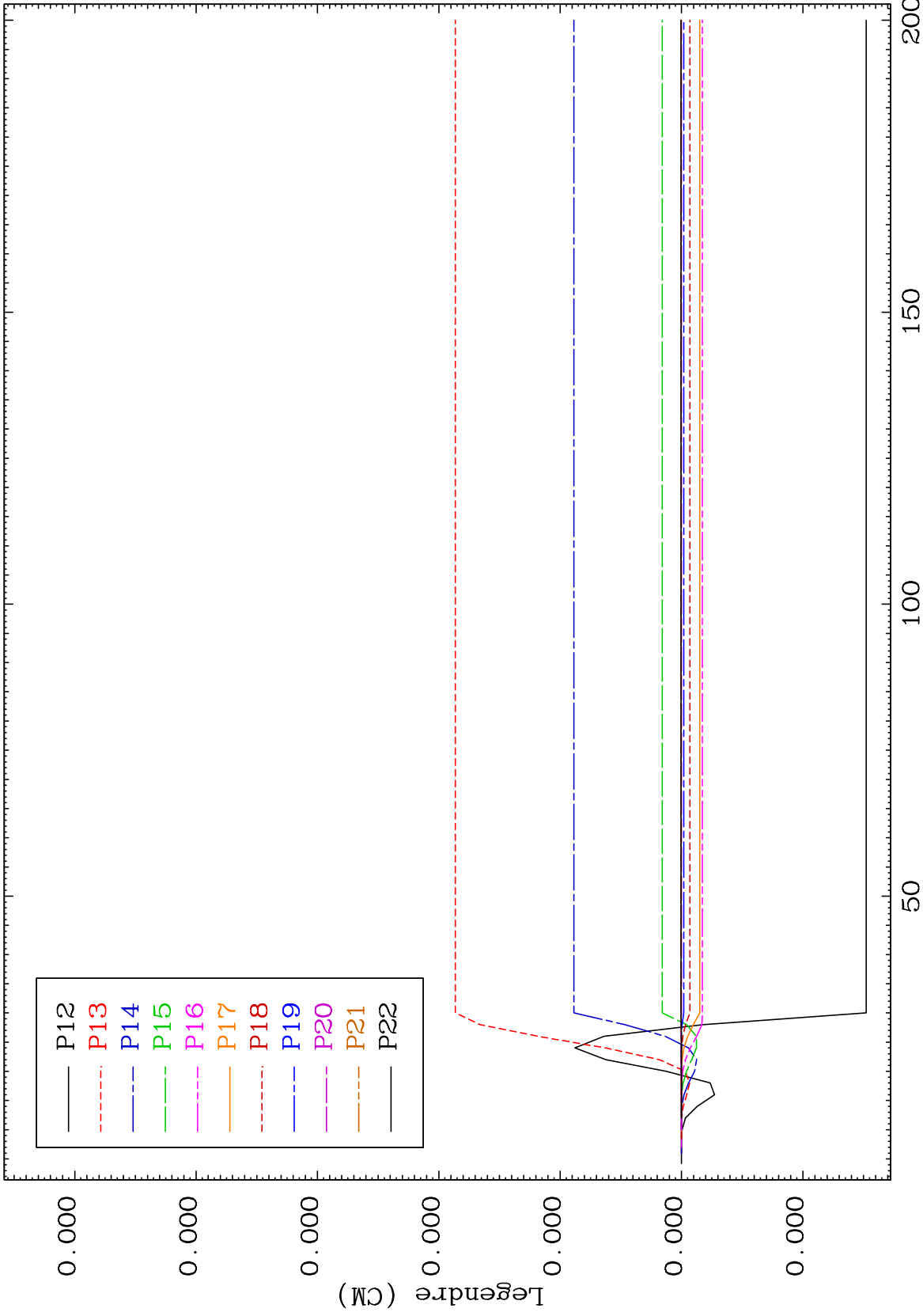
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



75

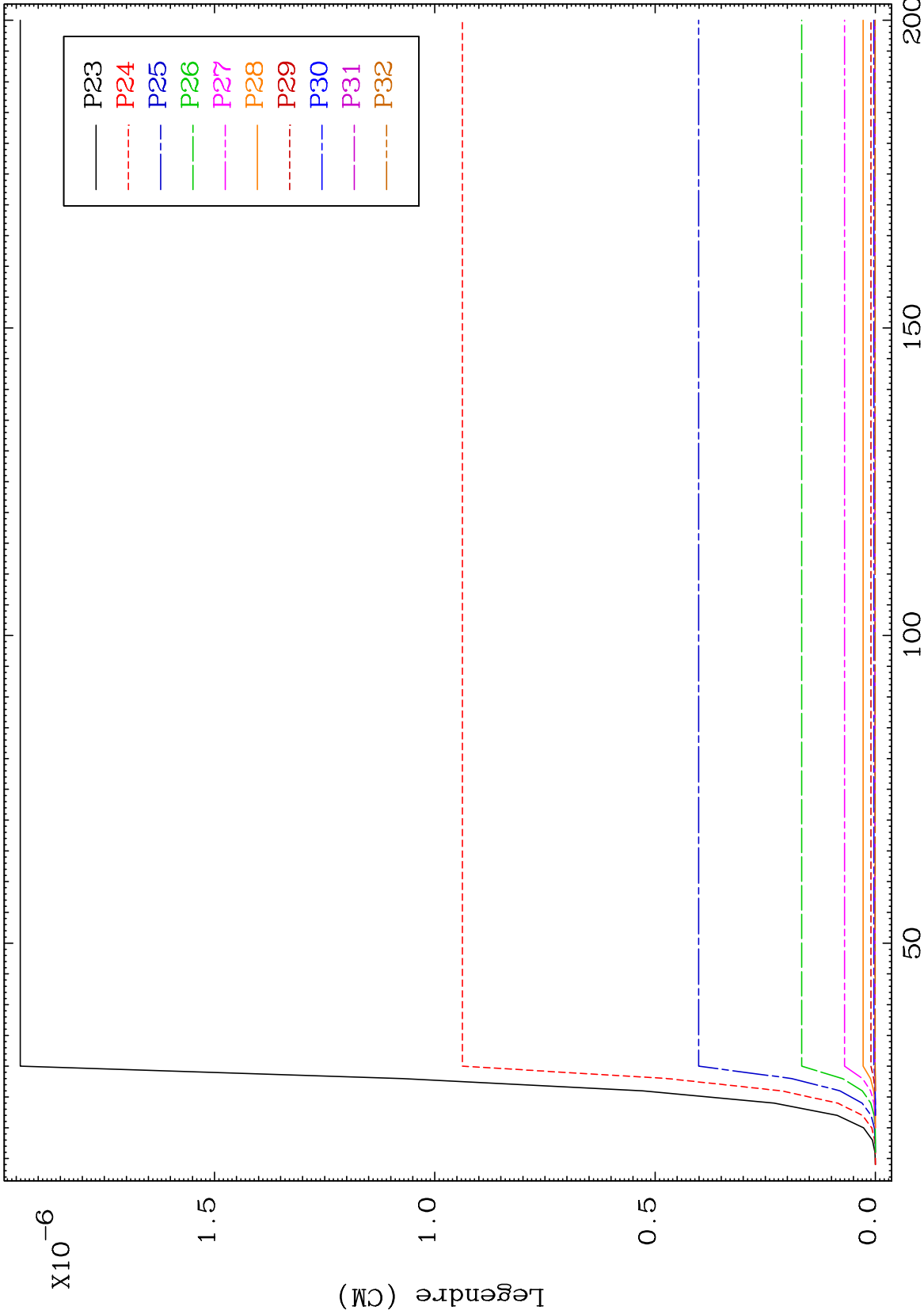
Incident Energy (MeV)

36-Kr-84

MAT 3643

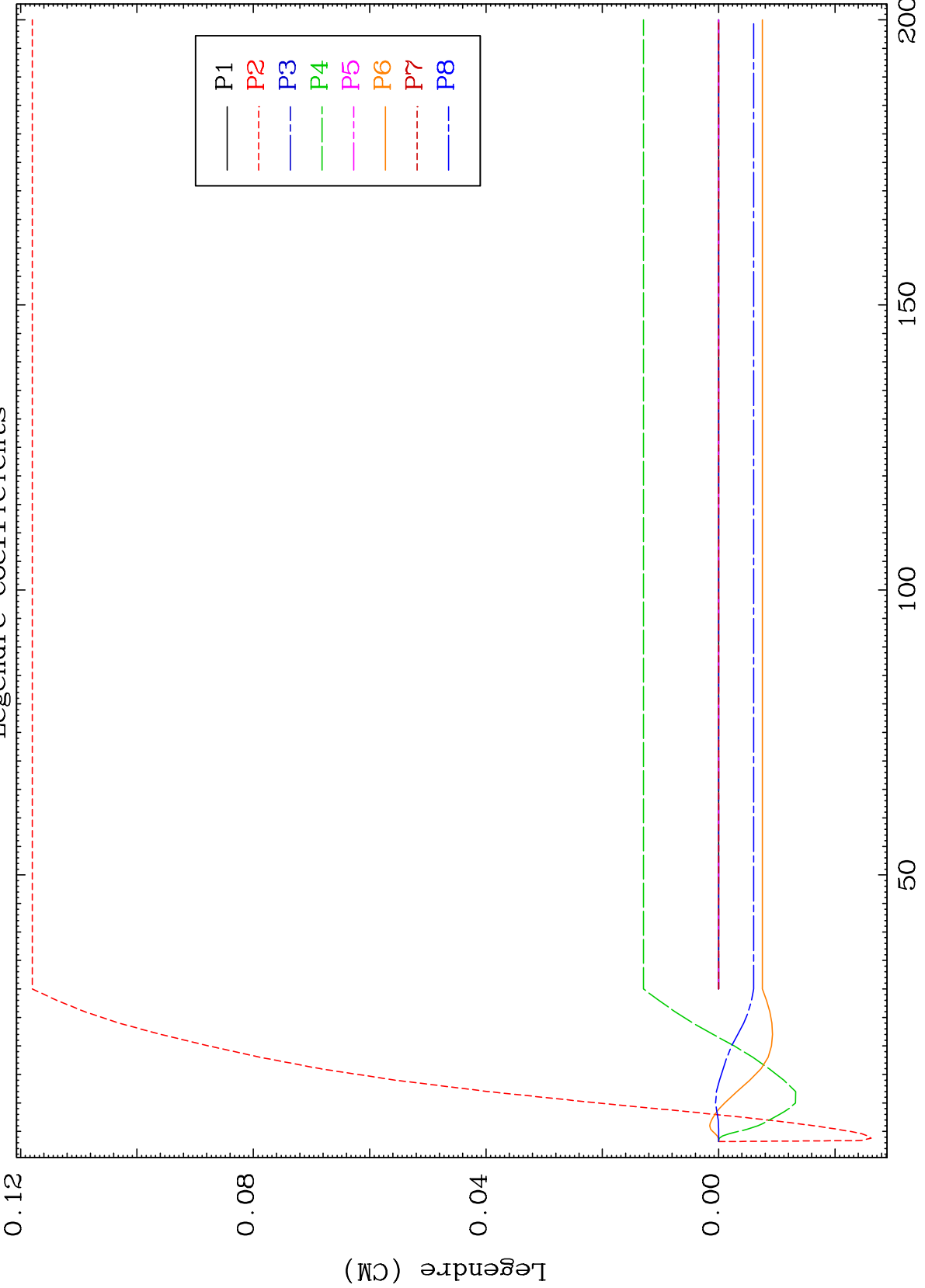
MT= 65 (n,n') Level  
Legendre Coefficients

36-Kr-84



MAT 3643 MT= 66 (n,n') Level Legendre Coefficients

36-Kr-84



36-Kr-84

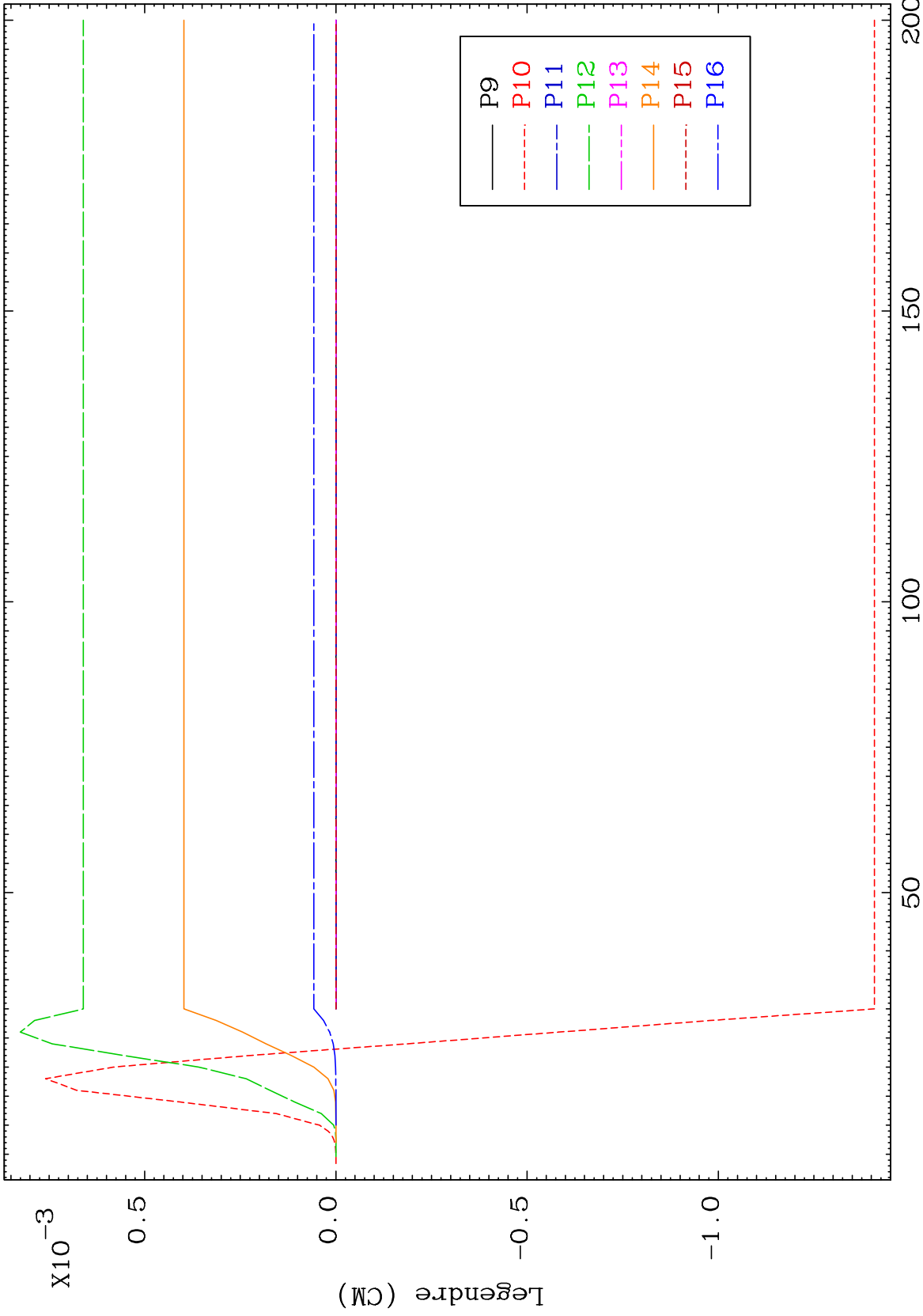
Incident Energy (MeV)

77

MAT 3643

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

36-Kr-84

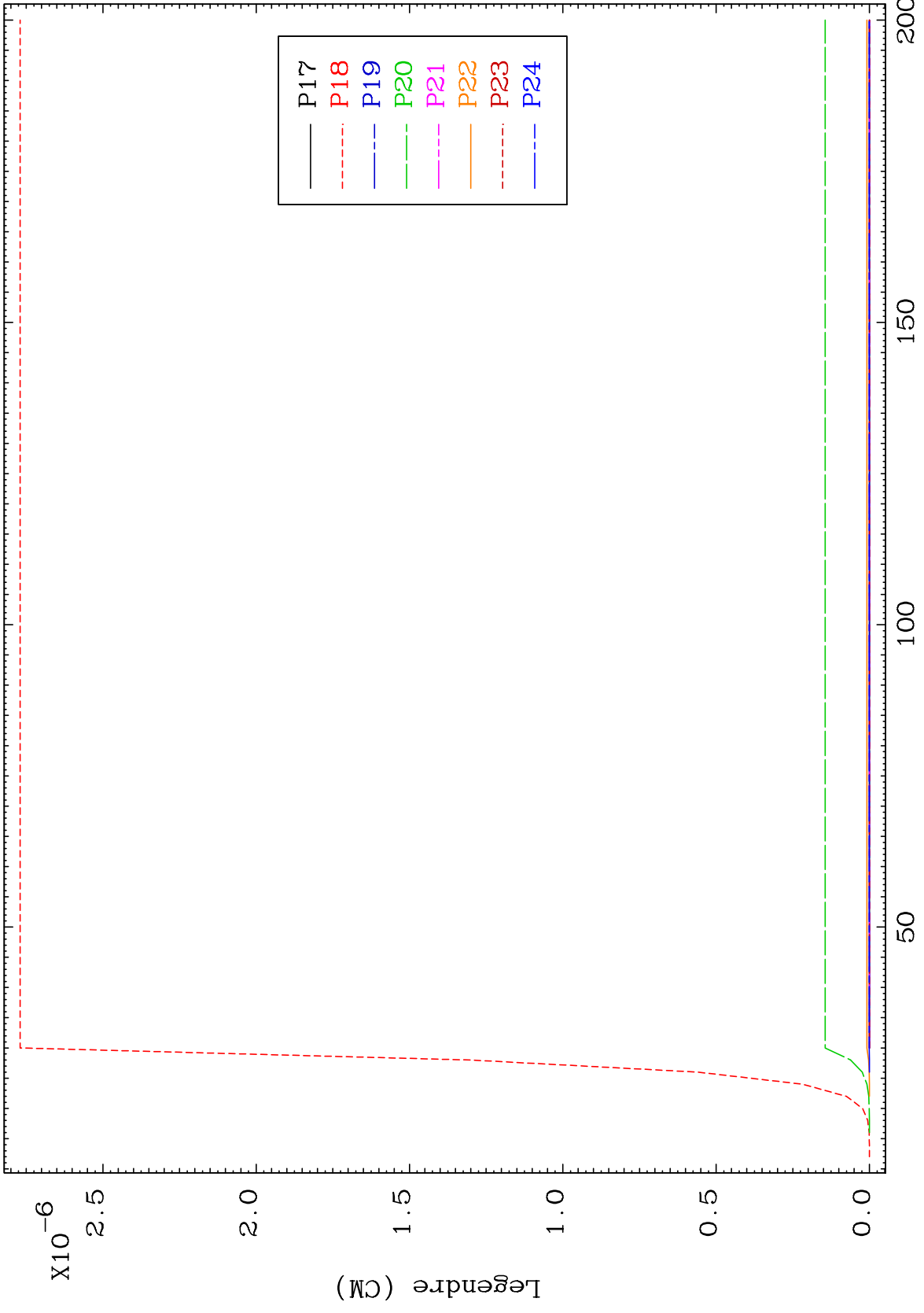


78

Incident Energy (MeV)

36-Kr-84

MAT 3643 MT= 66 (n,n') Level Legendre Coefficients 36-Kr-84



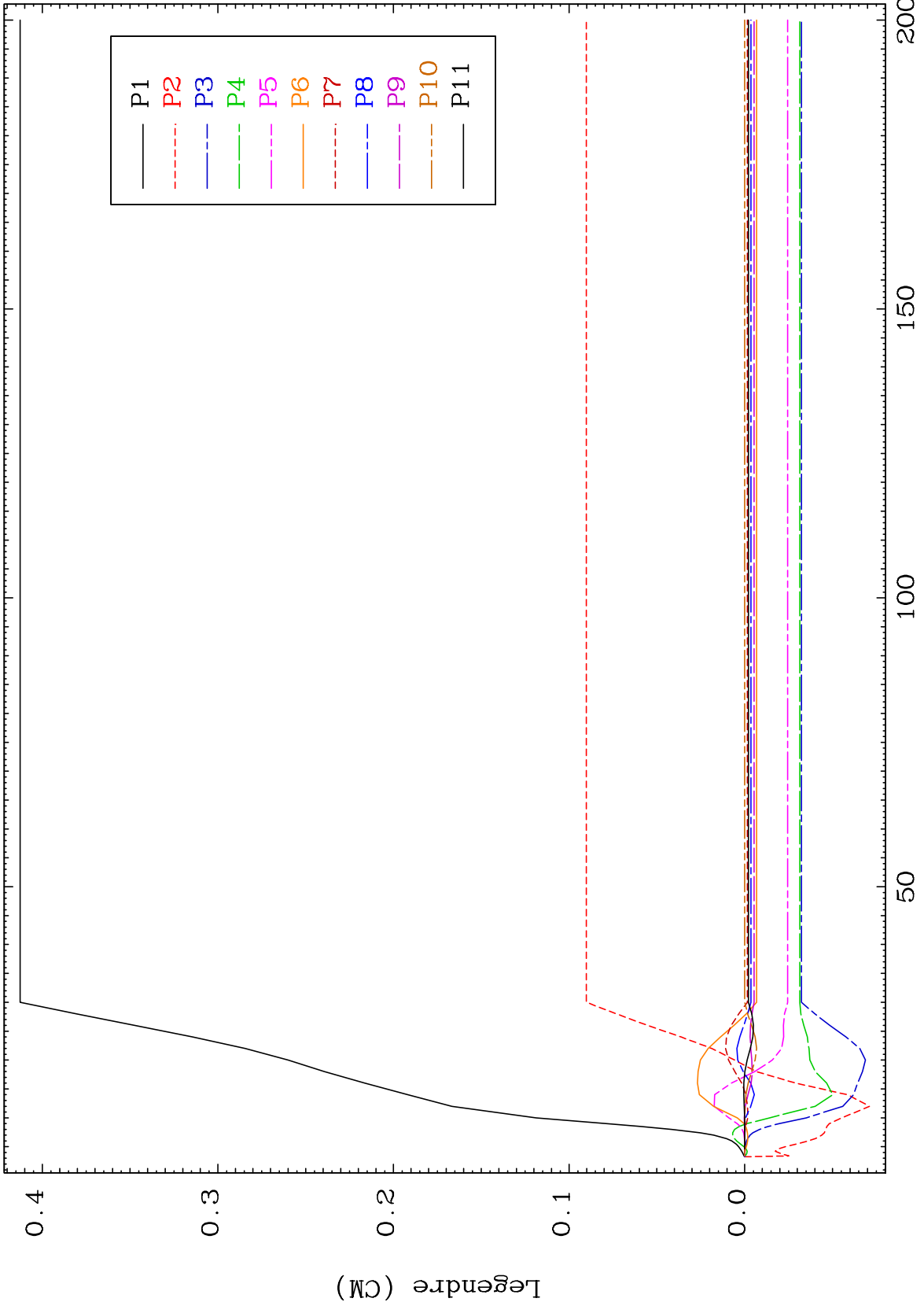
79 36-Kr-84



MAT 3643

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

36-Kr-84



80

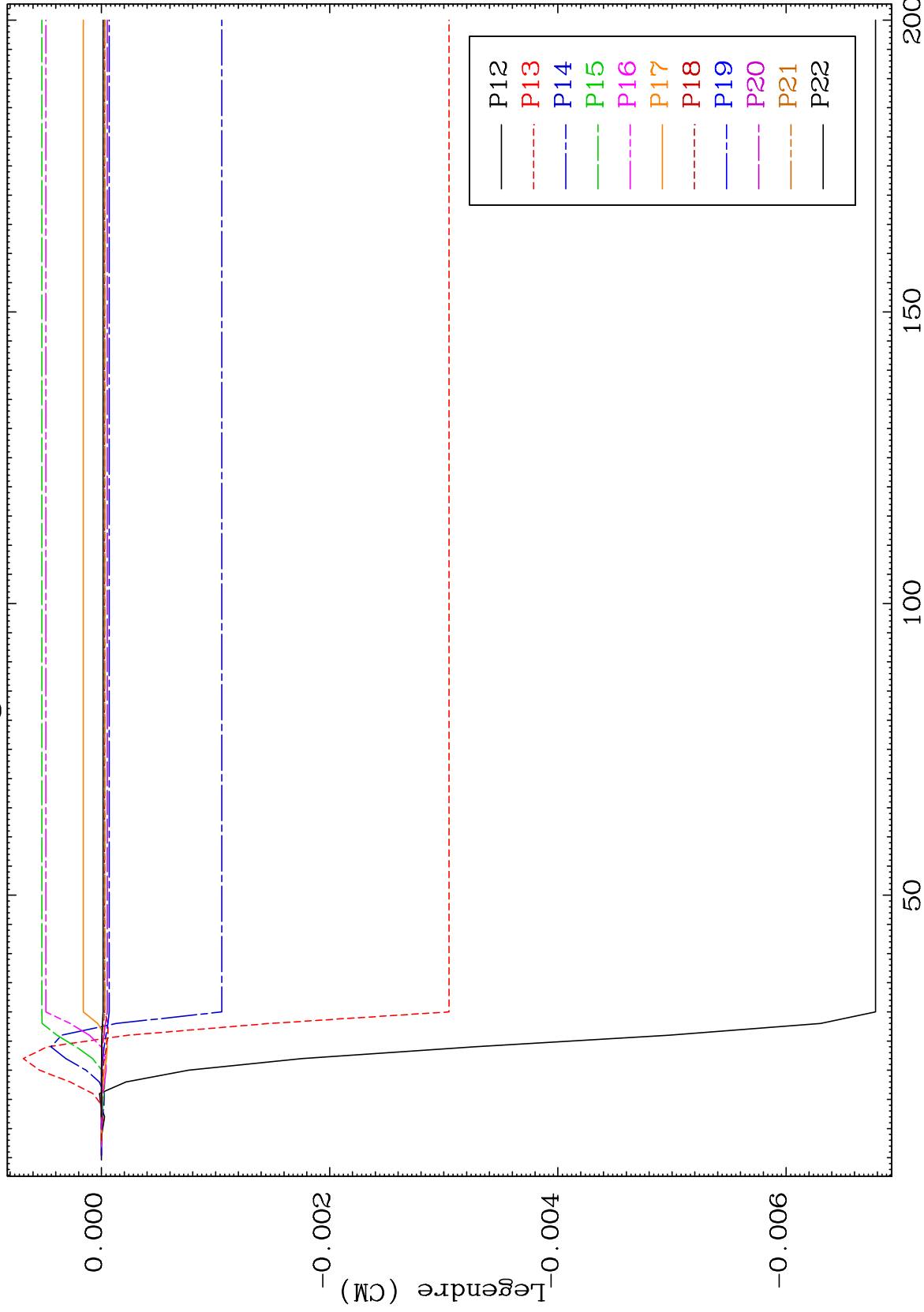
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



81

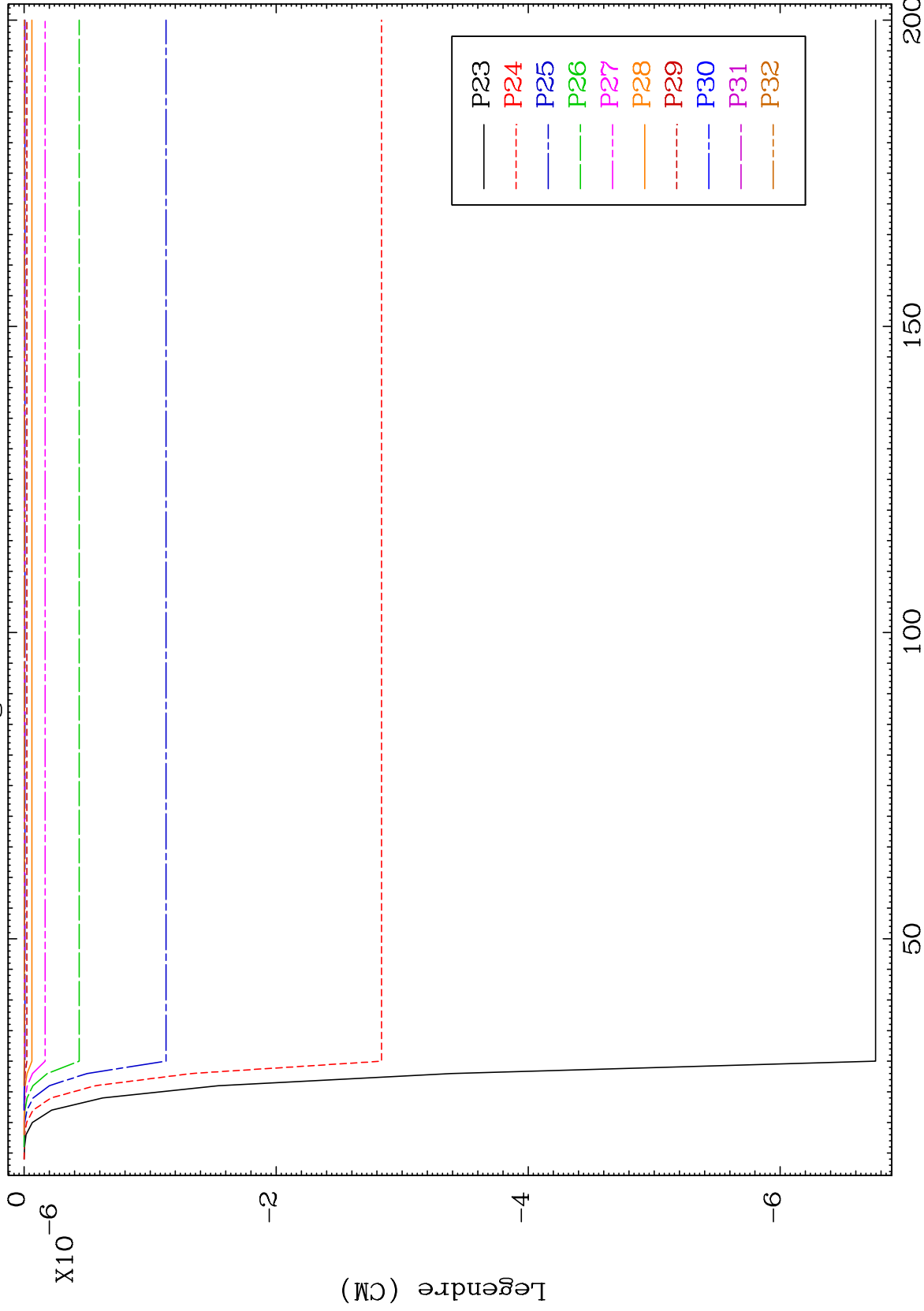
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



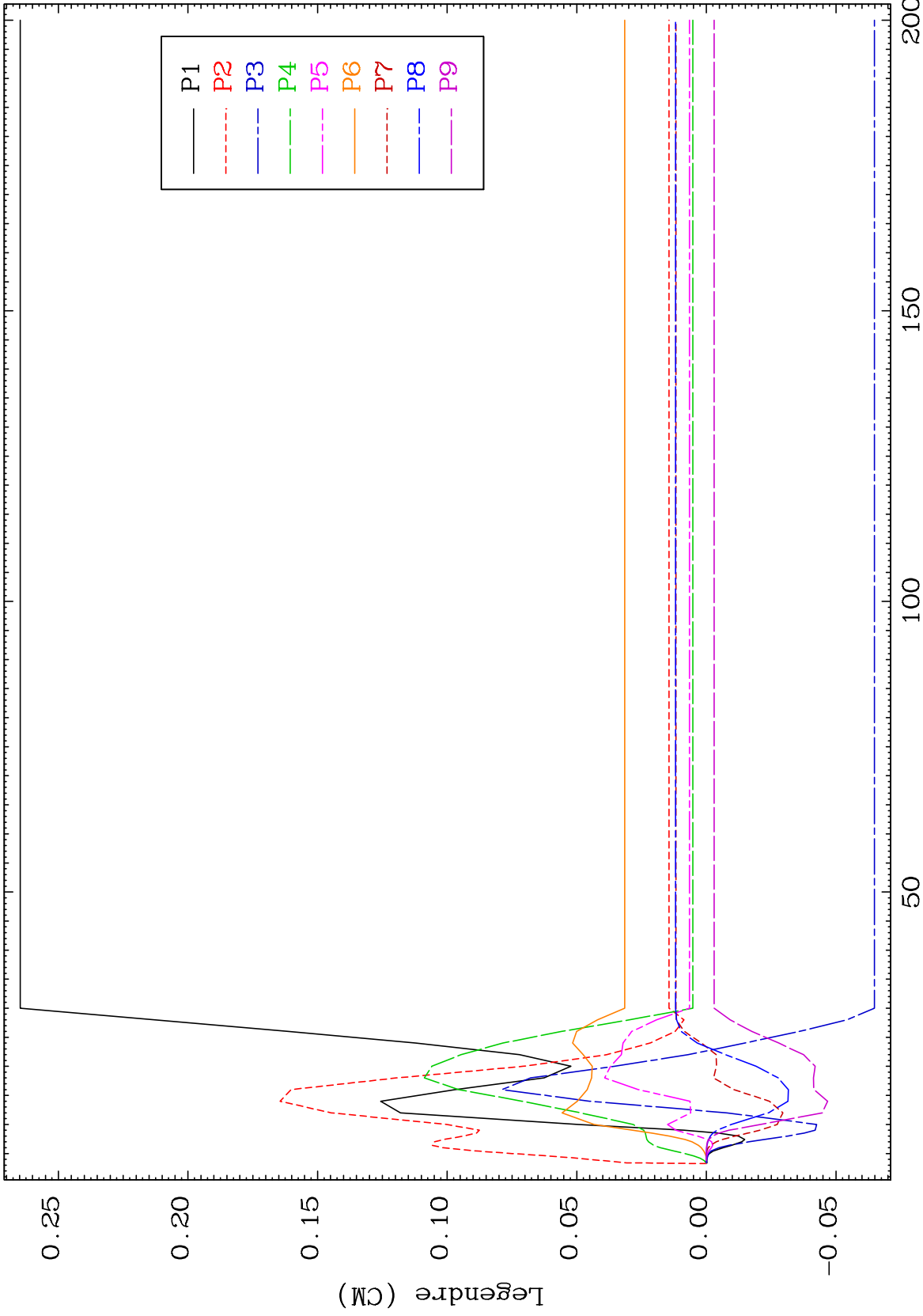
82

36-Kr-84

MAT 3643

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

36-Kr-84

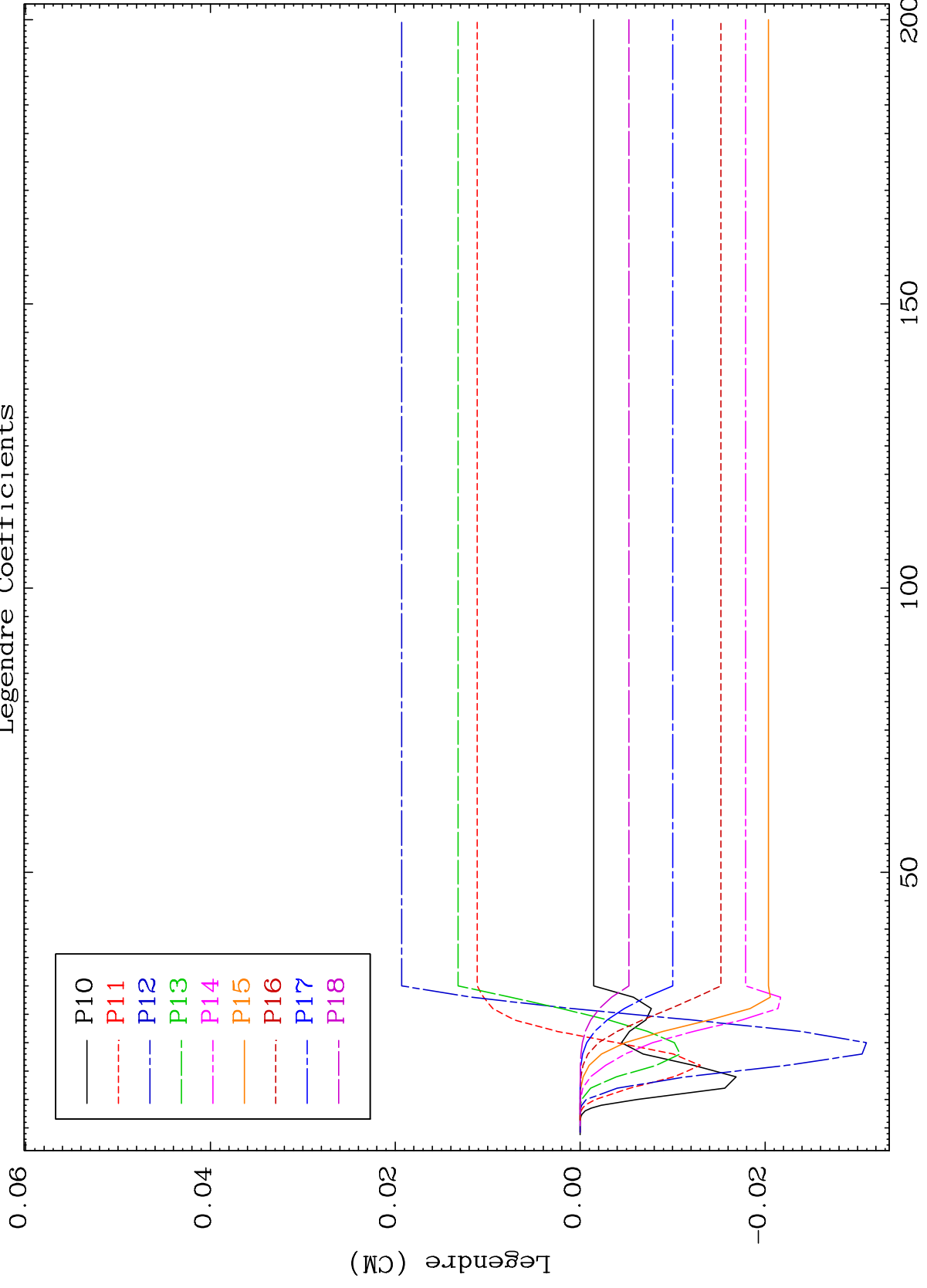


83

Incident Energy (MeV)

36-Kr-84

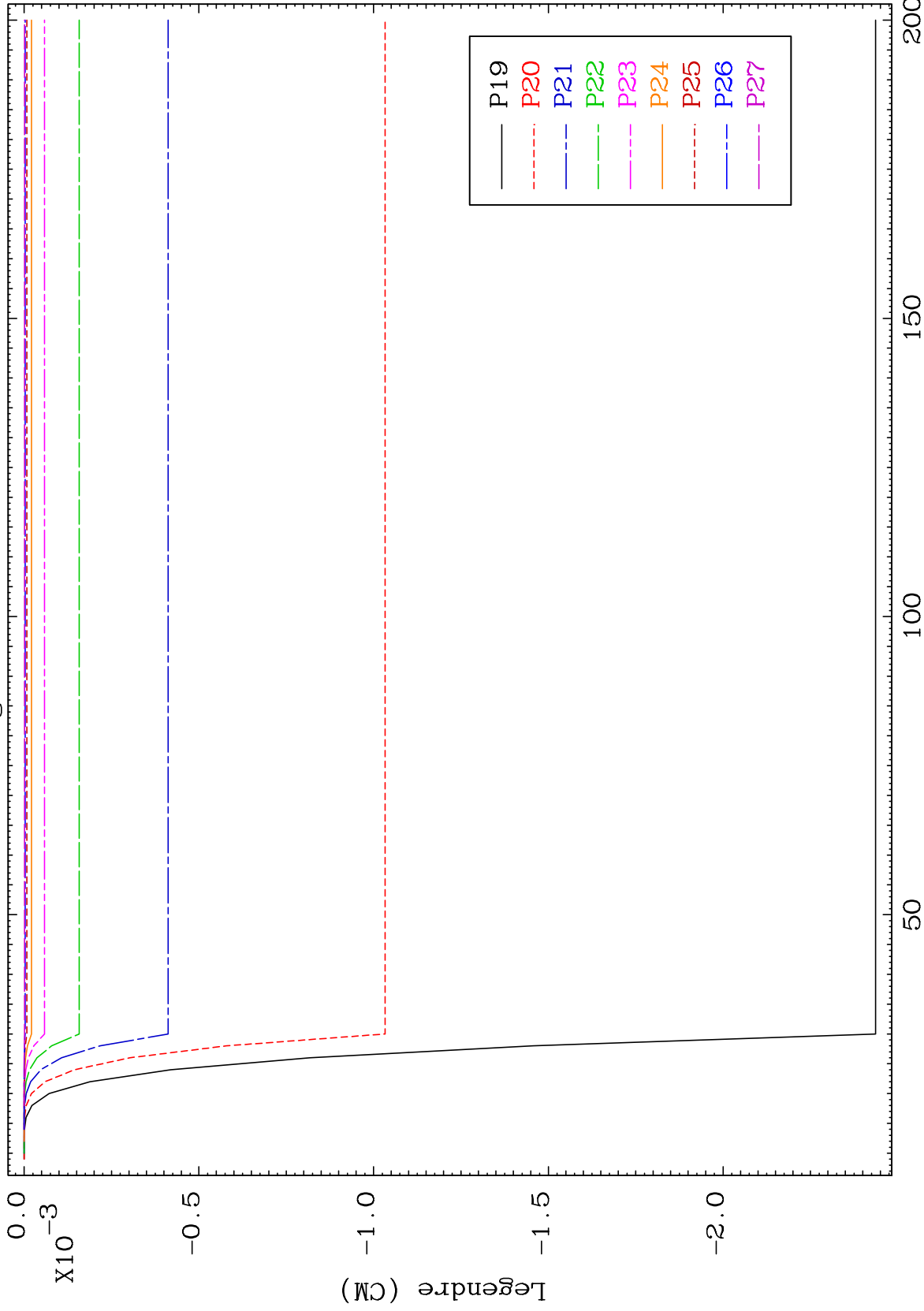
MAT 3643 MT= 68 (n,n') Level Legendre Coefficients 36-Kr-84



MAT 3643

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

36-Kr-84



85

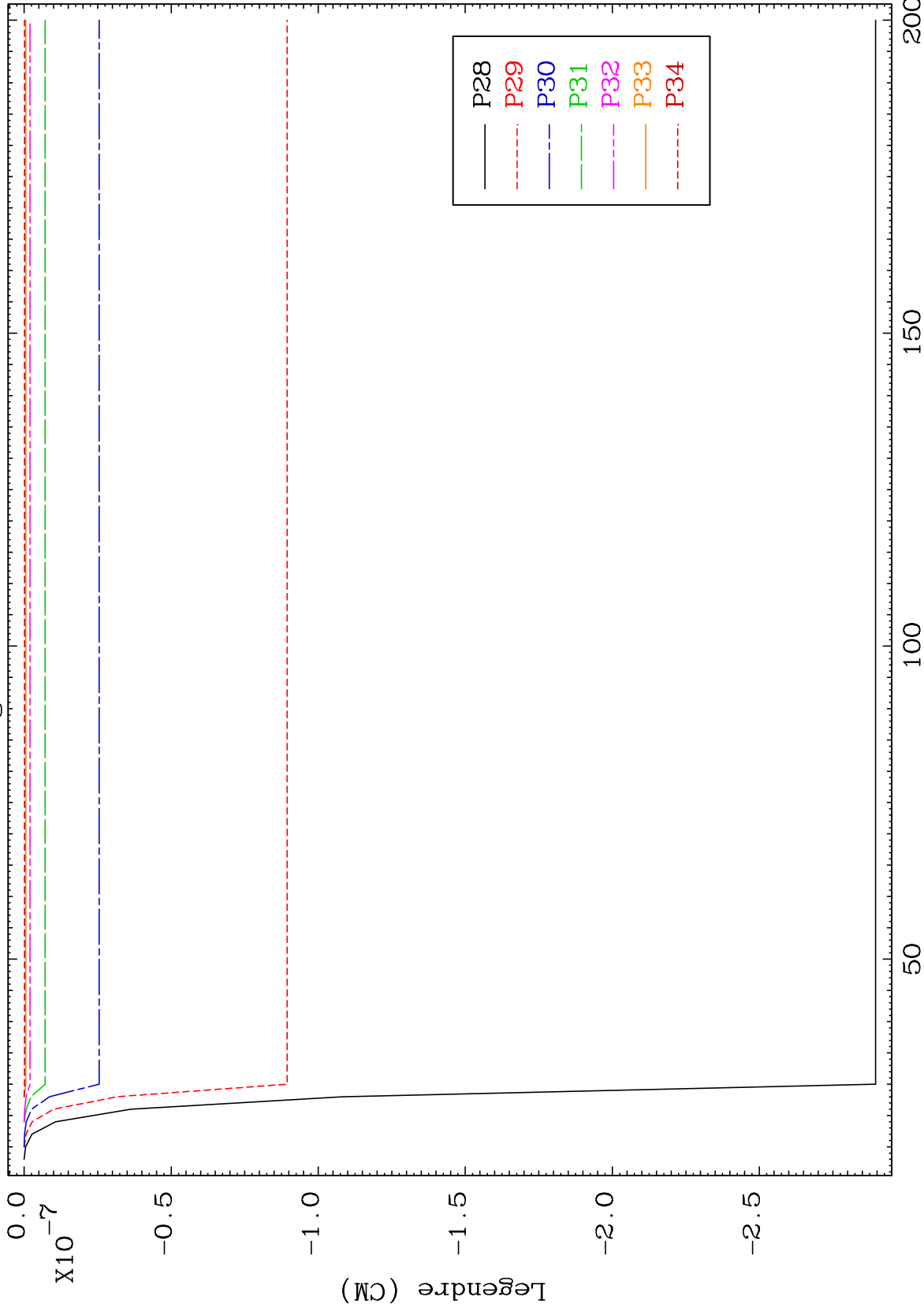
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



86

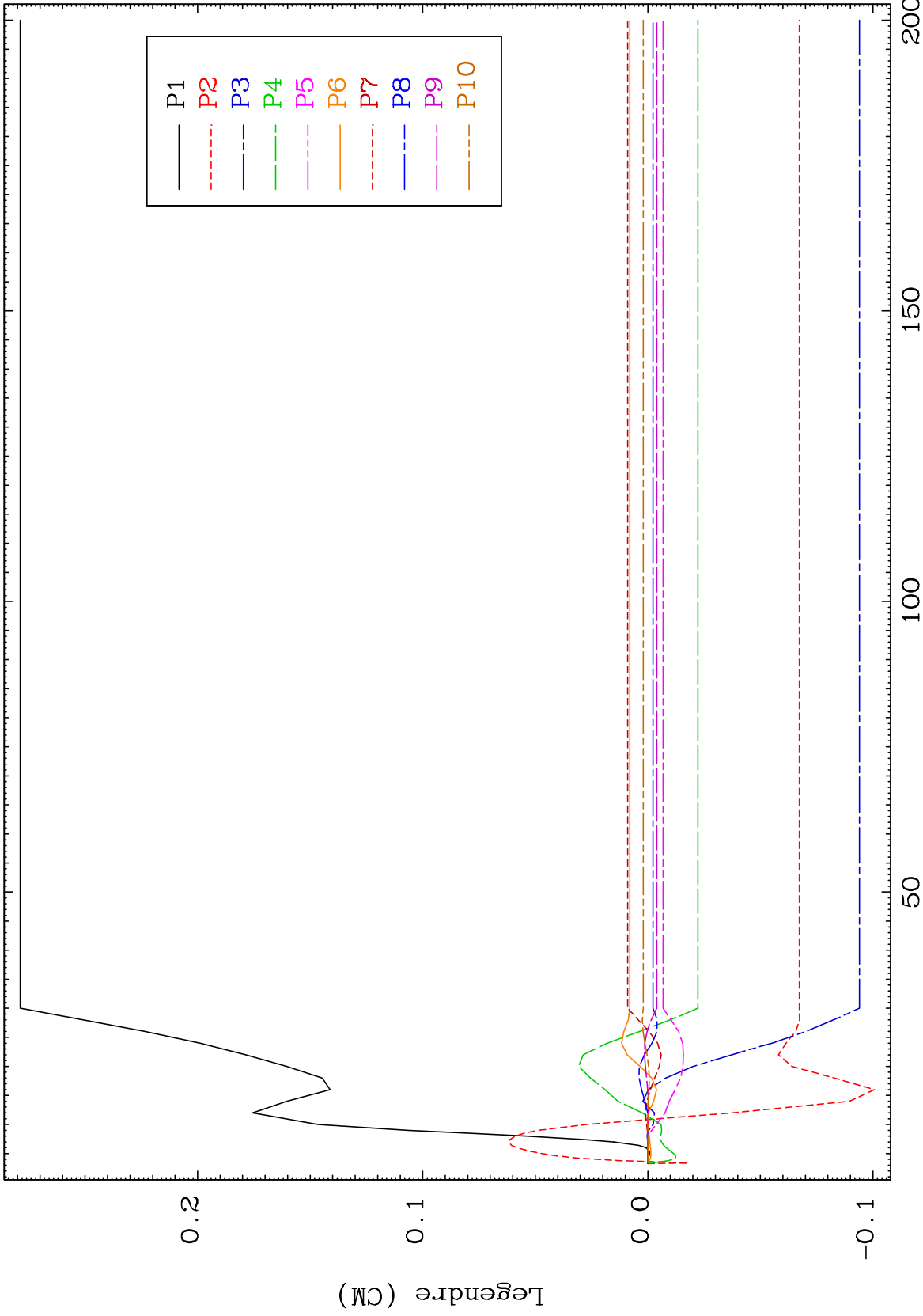
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



87

Incident Energy (MeV)

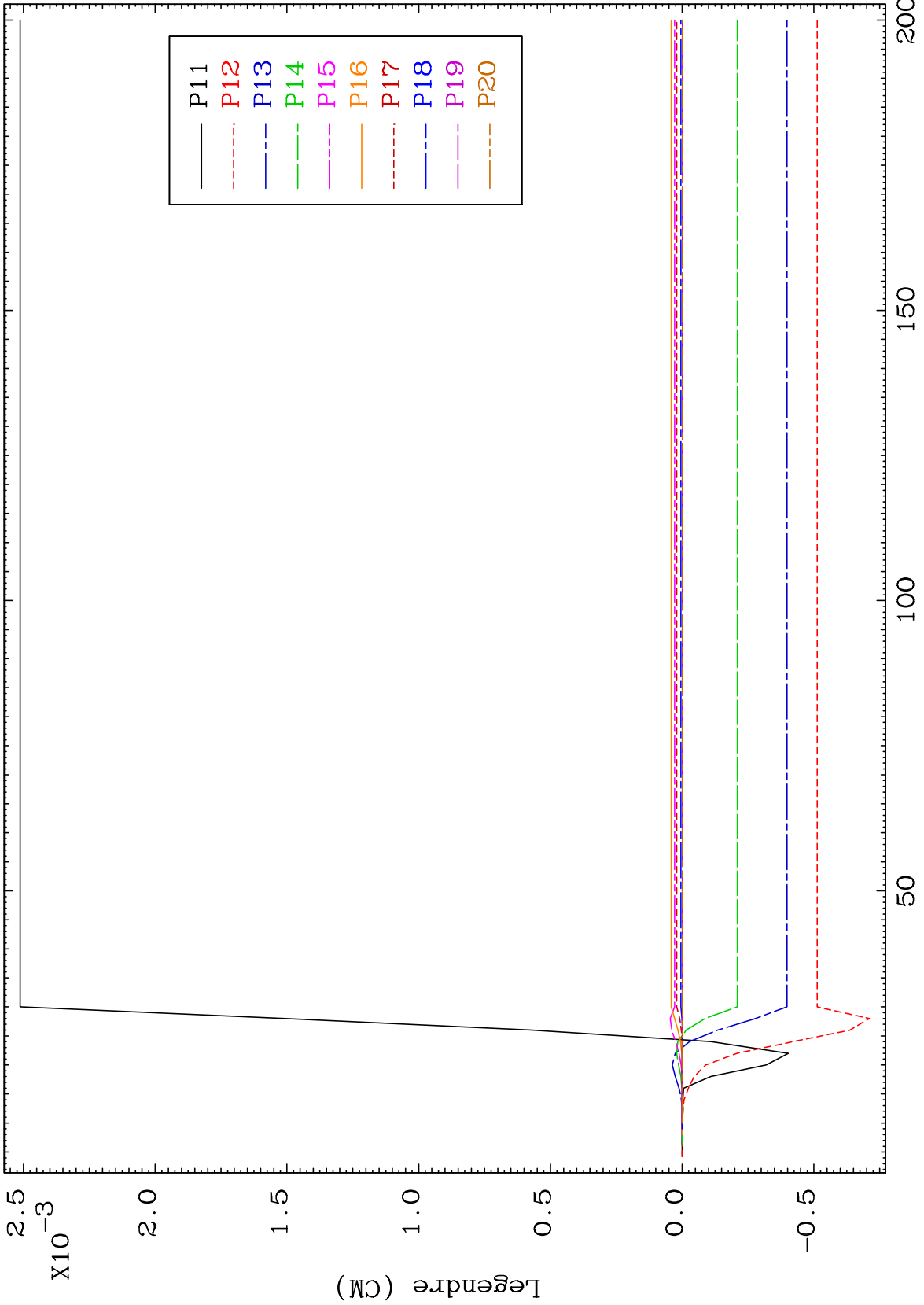
36-Kr-84



MAT 3643

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

36-Kr-84



88

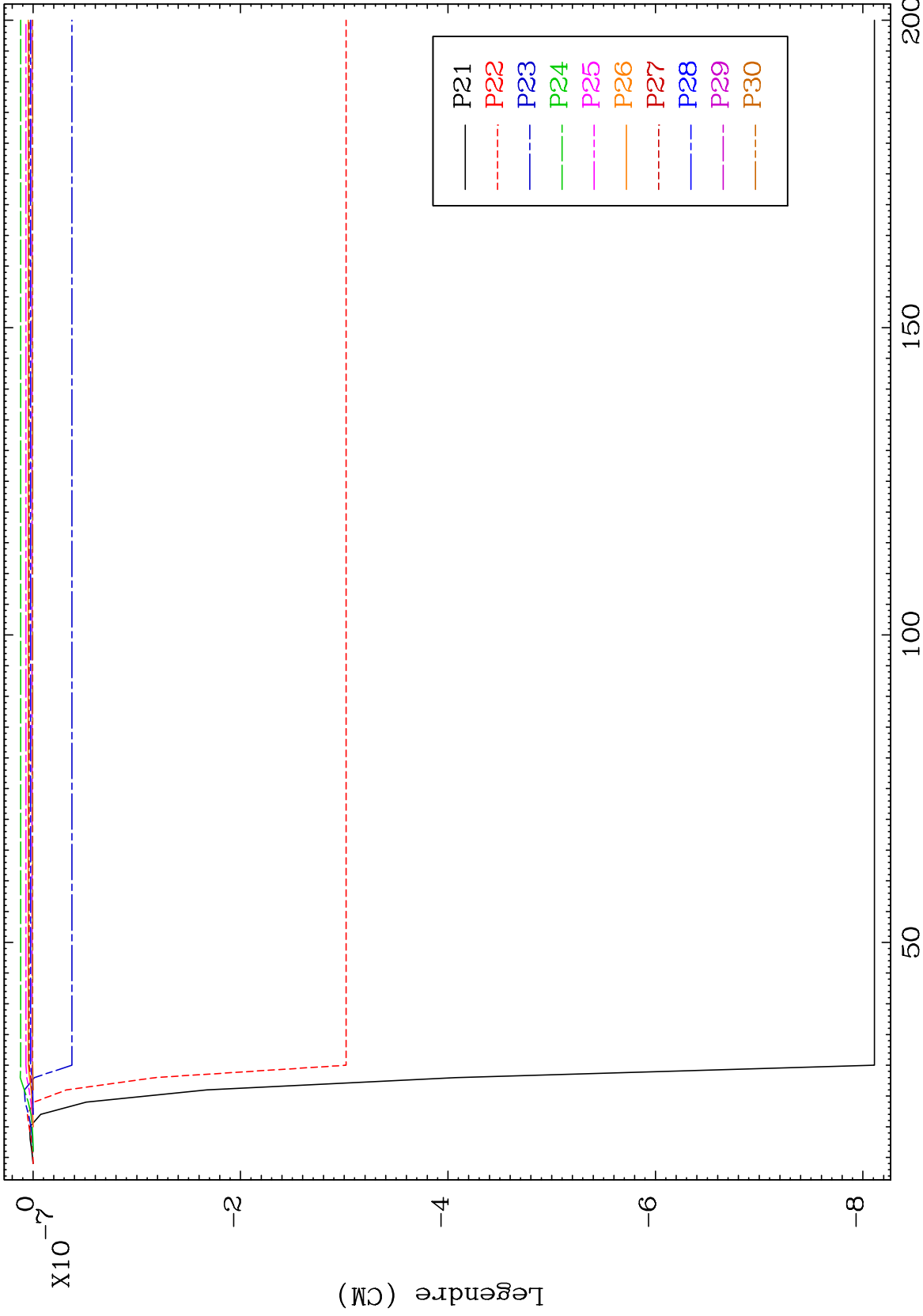
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



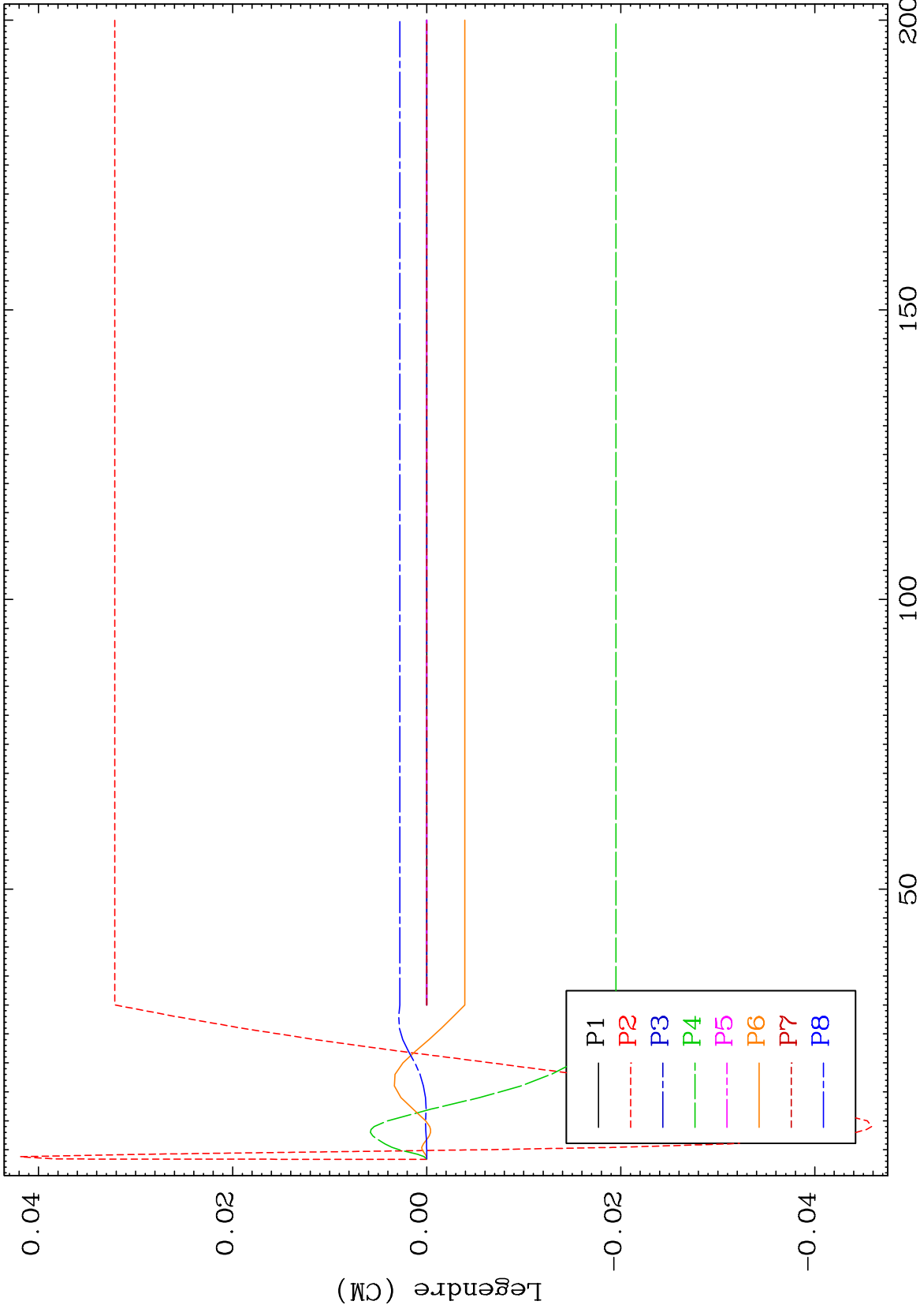
89

36-Kr-84

MAT 3643

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

36-Kr-84



90

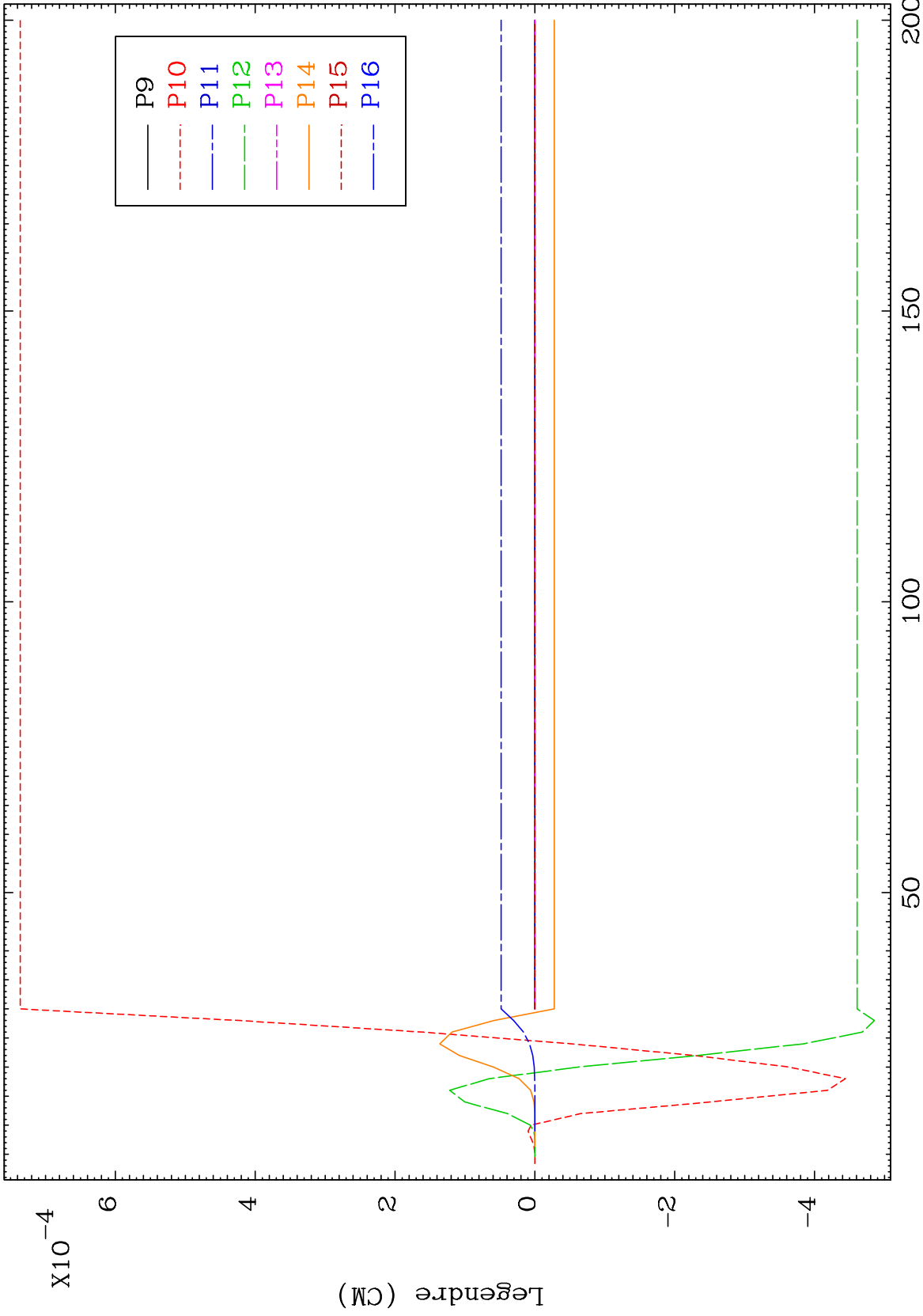
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



91

Incident Energy (MeV)

36-Kr-84

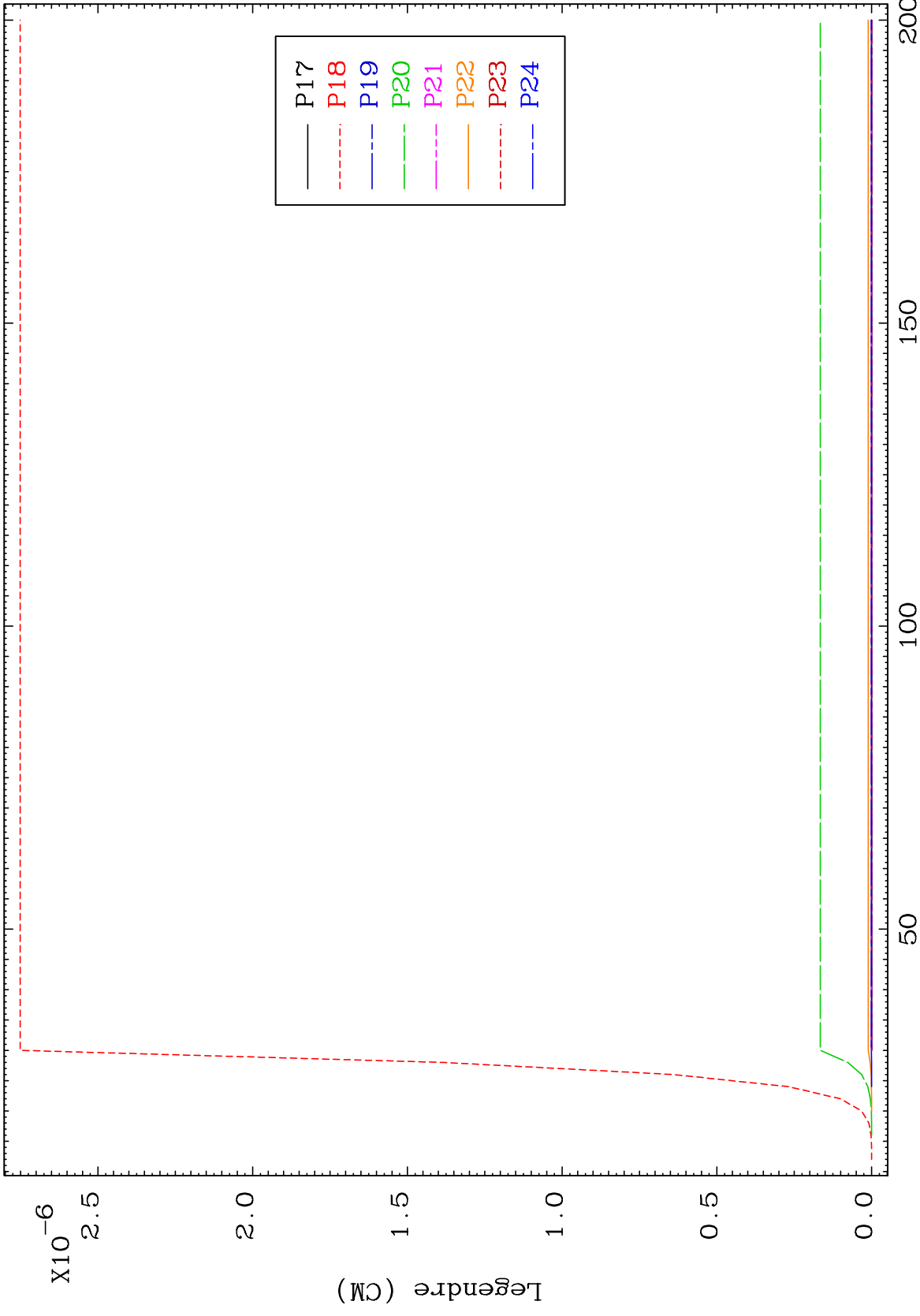
MAT 3643

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

36-Kr-84

Incident Energy (MeV)

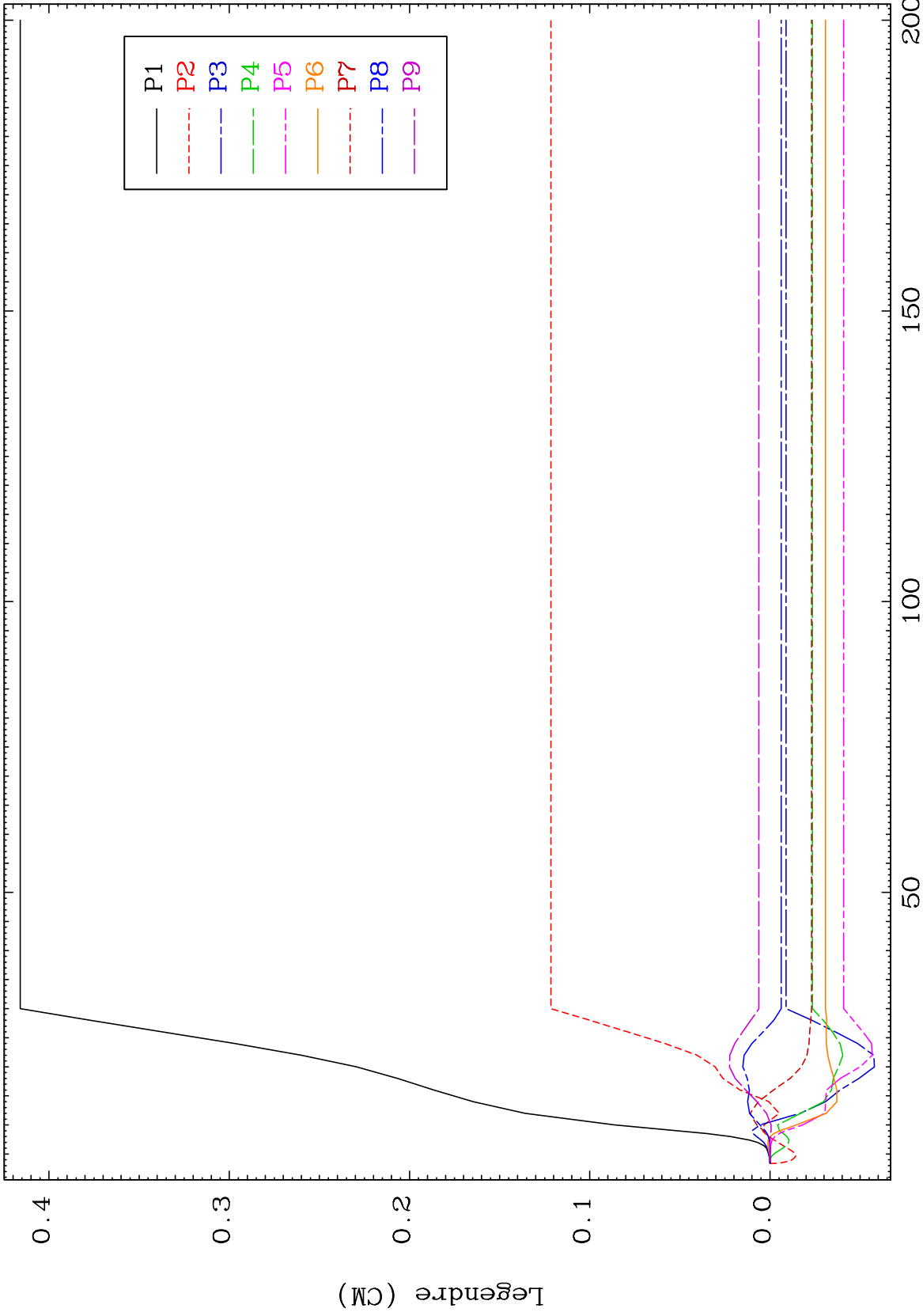
92



MAT 3643

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

36-Kr-84



93

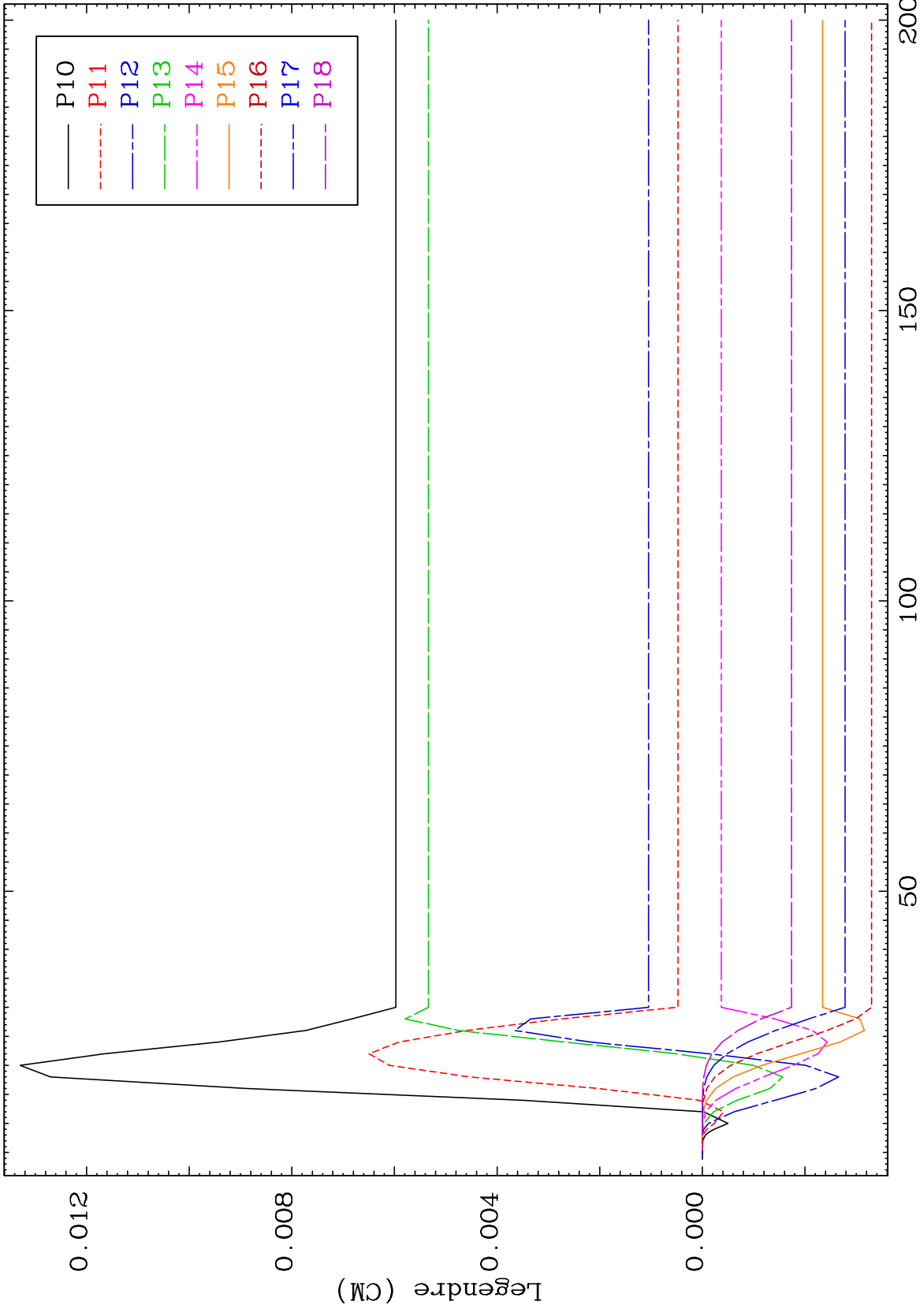
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



94

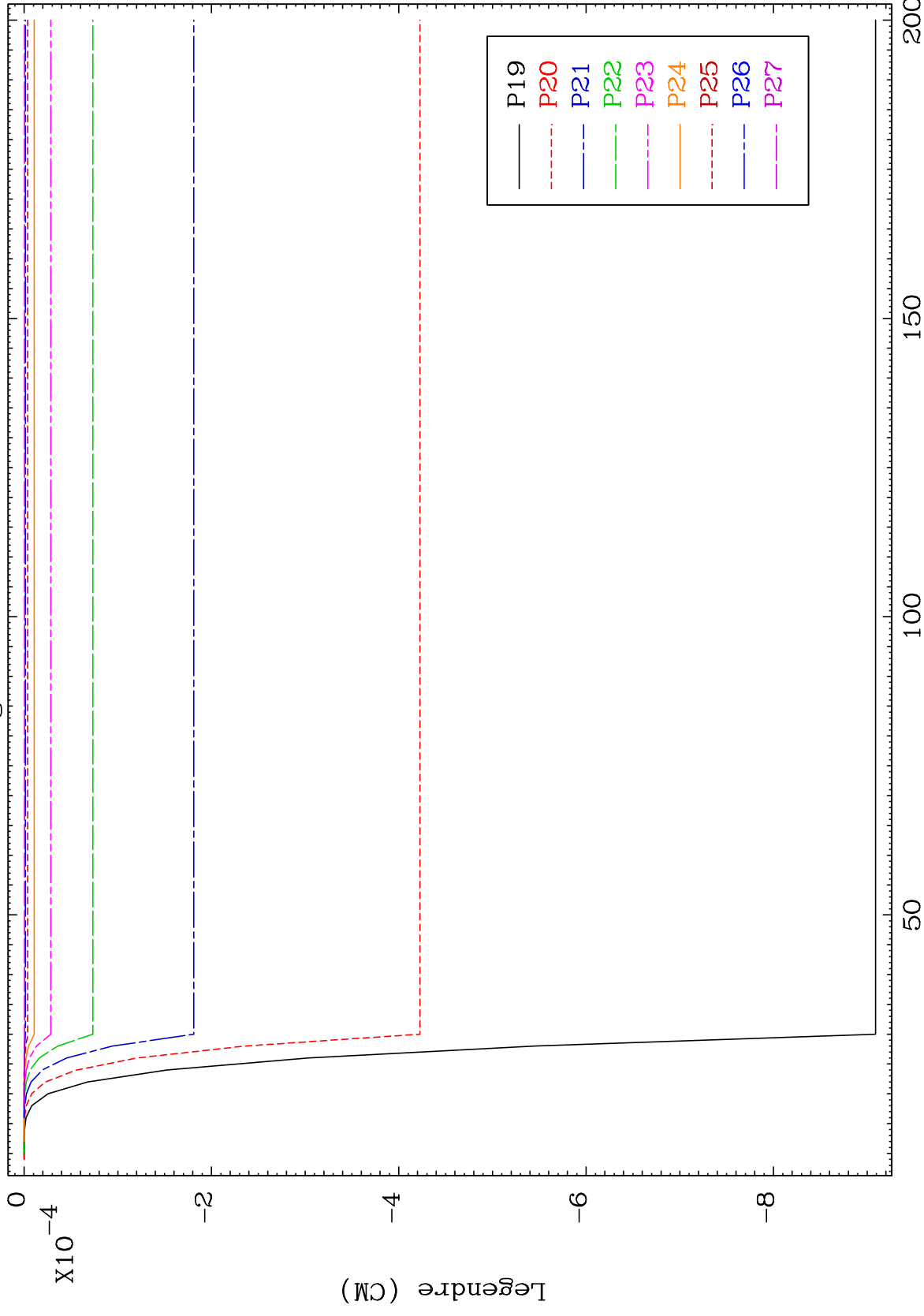
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



36-Kr-84

Incident Energy (MeV)

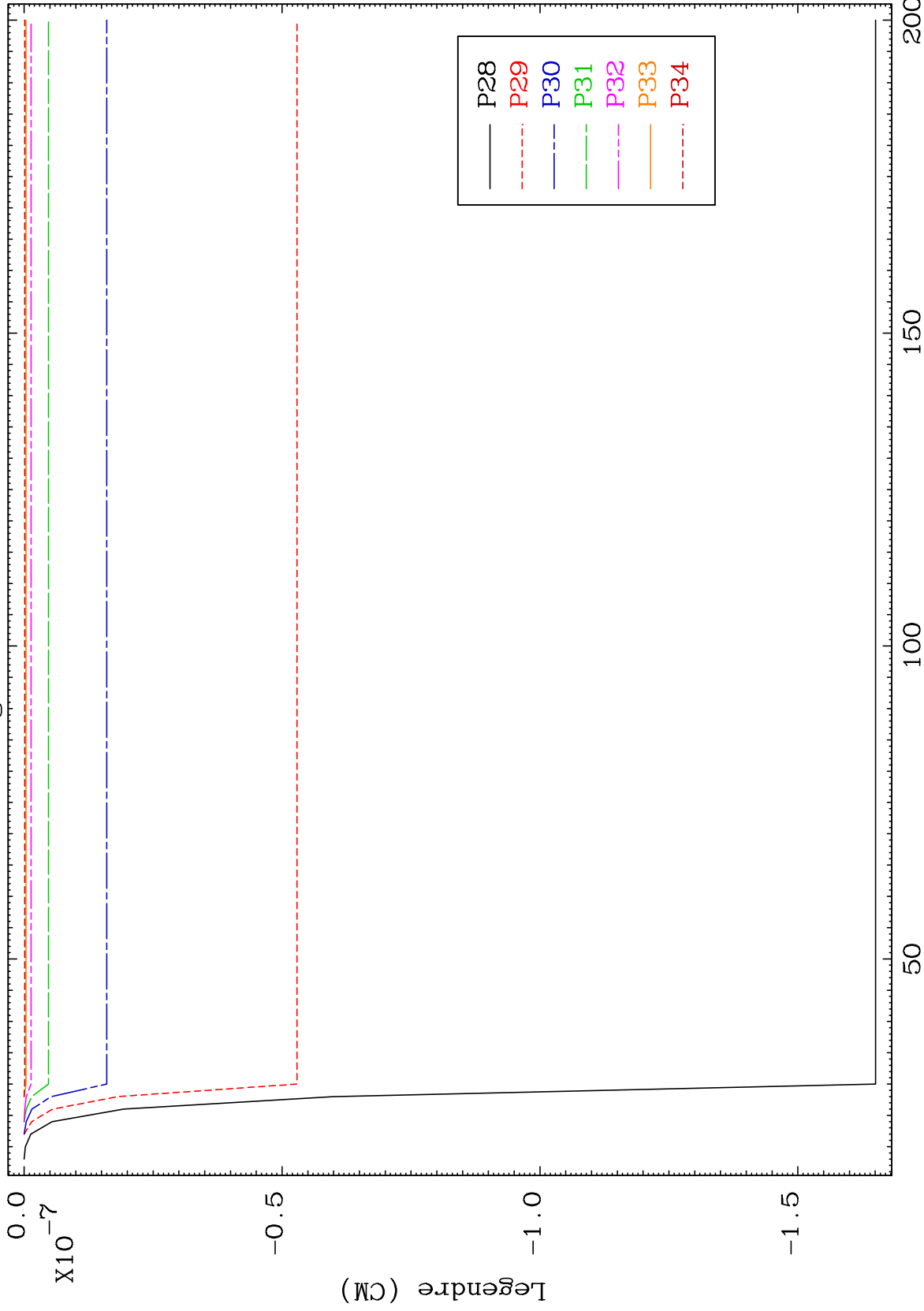
95



MAT 3643

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

36-Kr-84



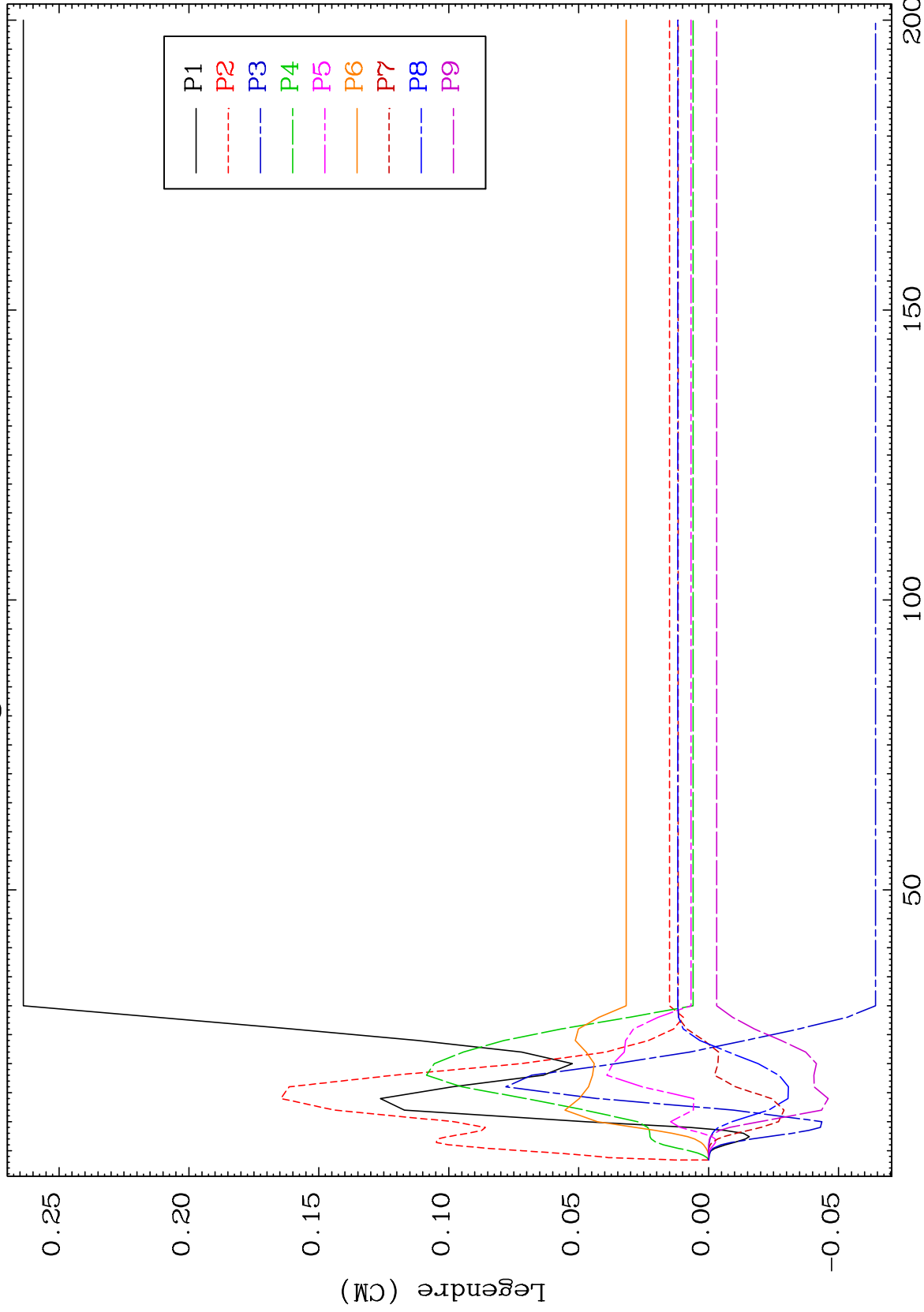
36-Kr-84

96

MAT 3643

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

36-Kr-84



97

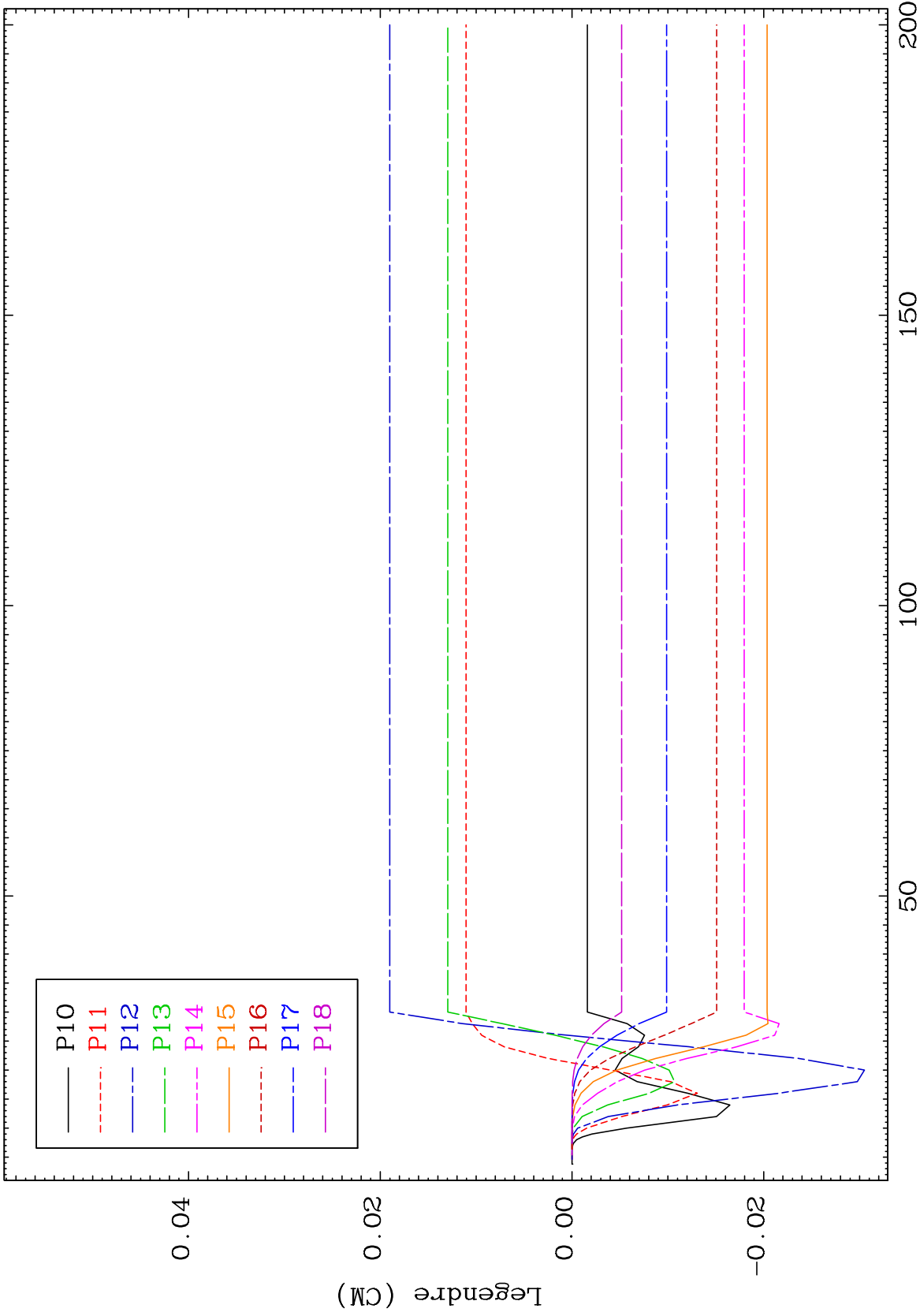
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



98

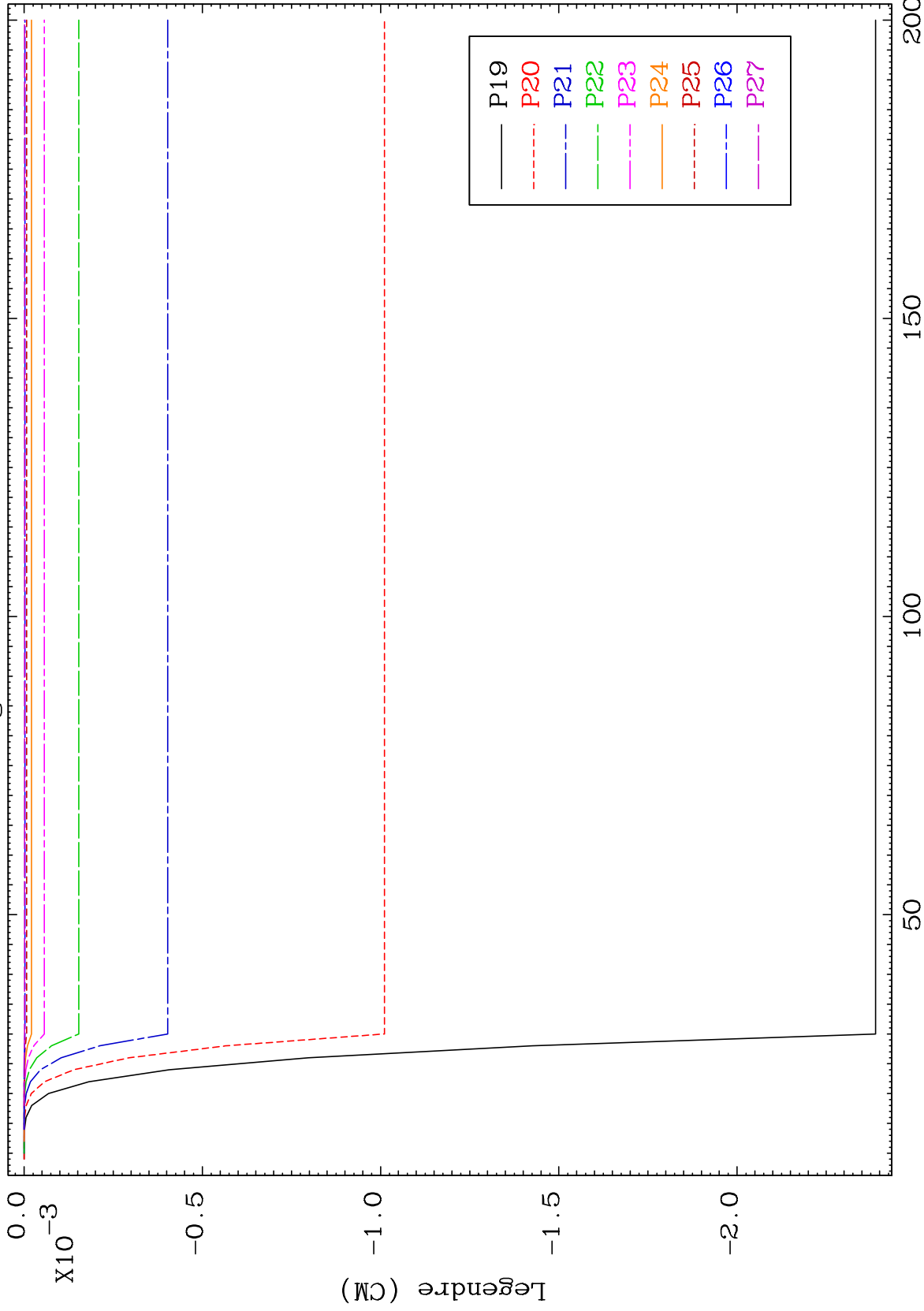
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



99

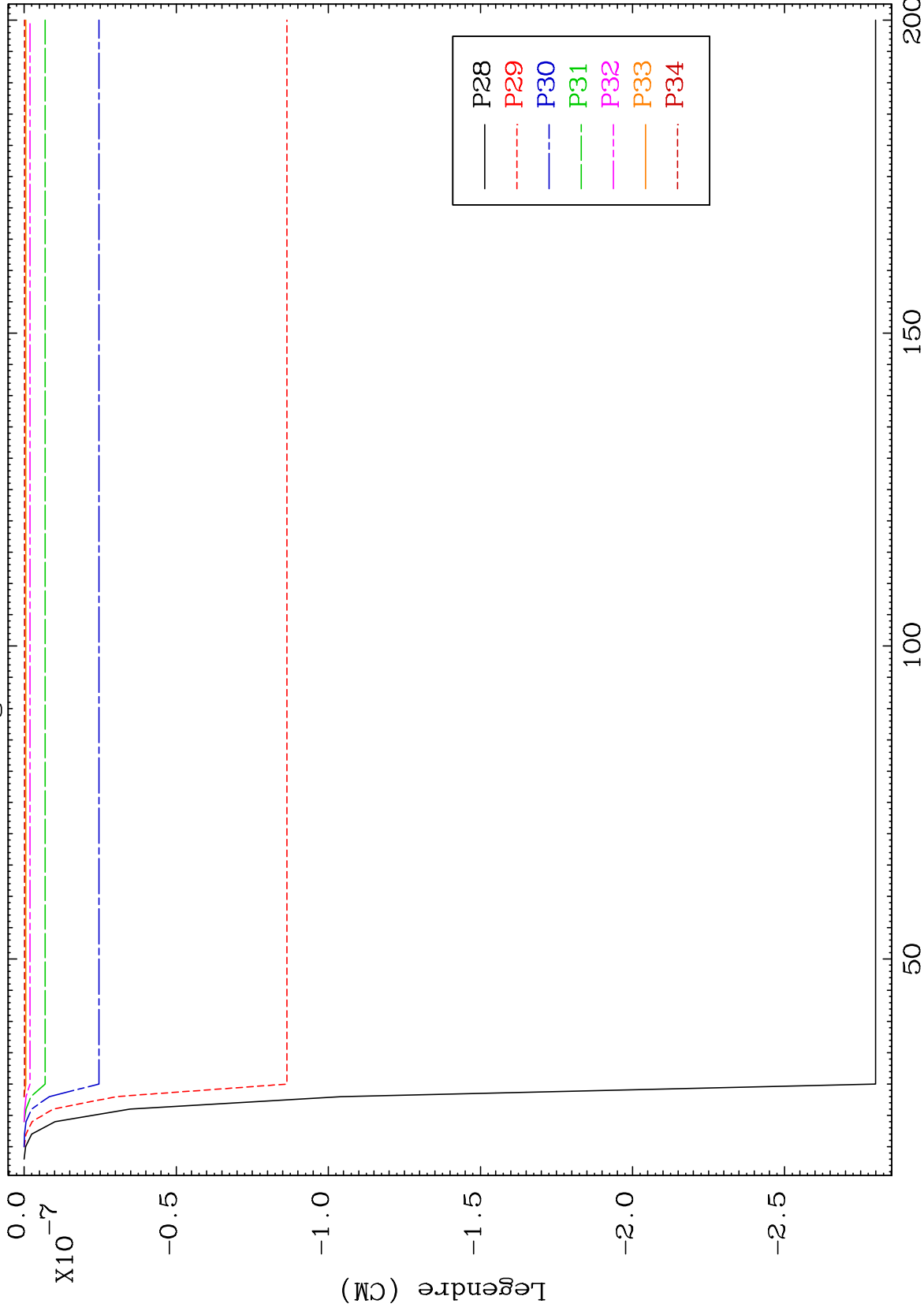
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



36-Kr-84

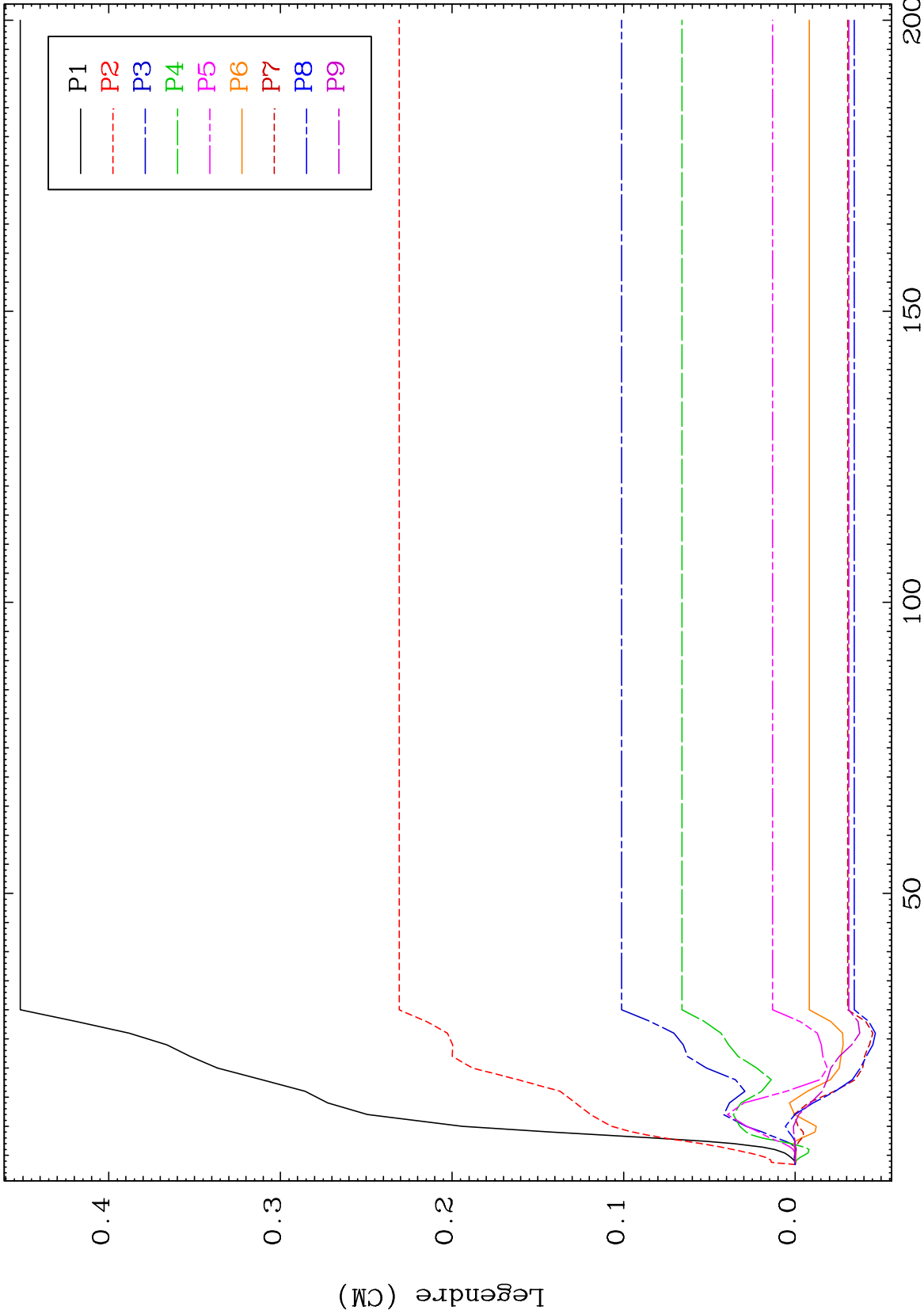
Incident Energy (MeV)

100

MAT 3643

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

36-Kr-84



101

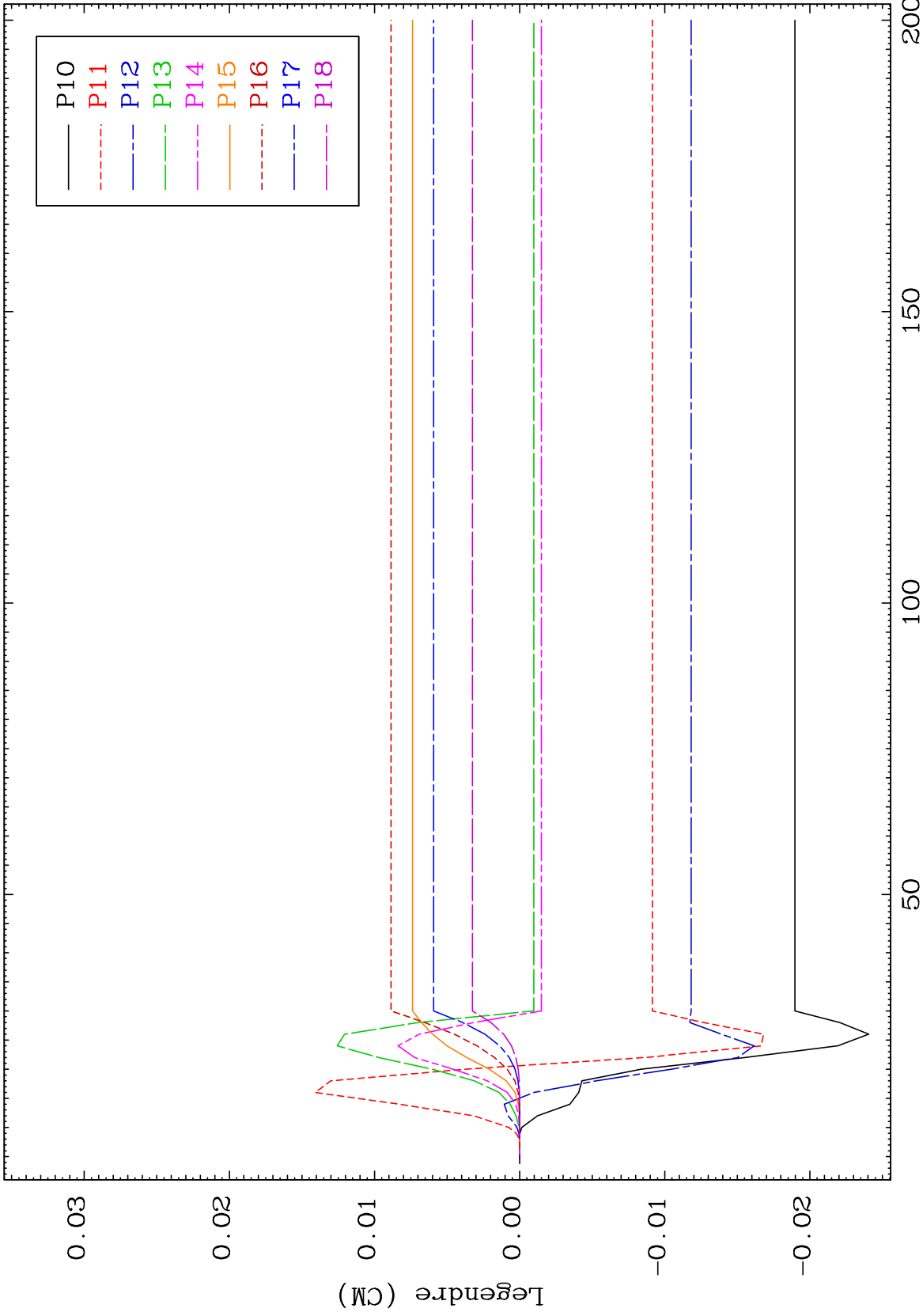
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



102

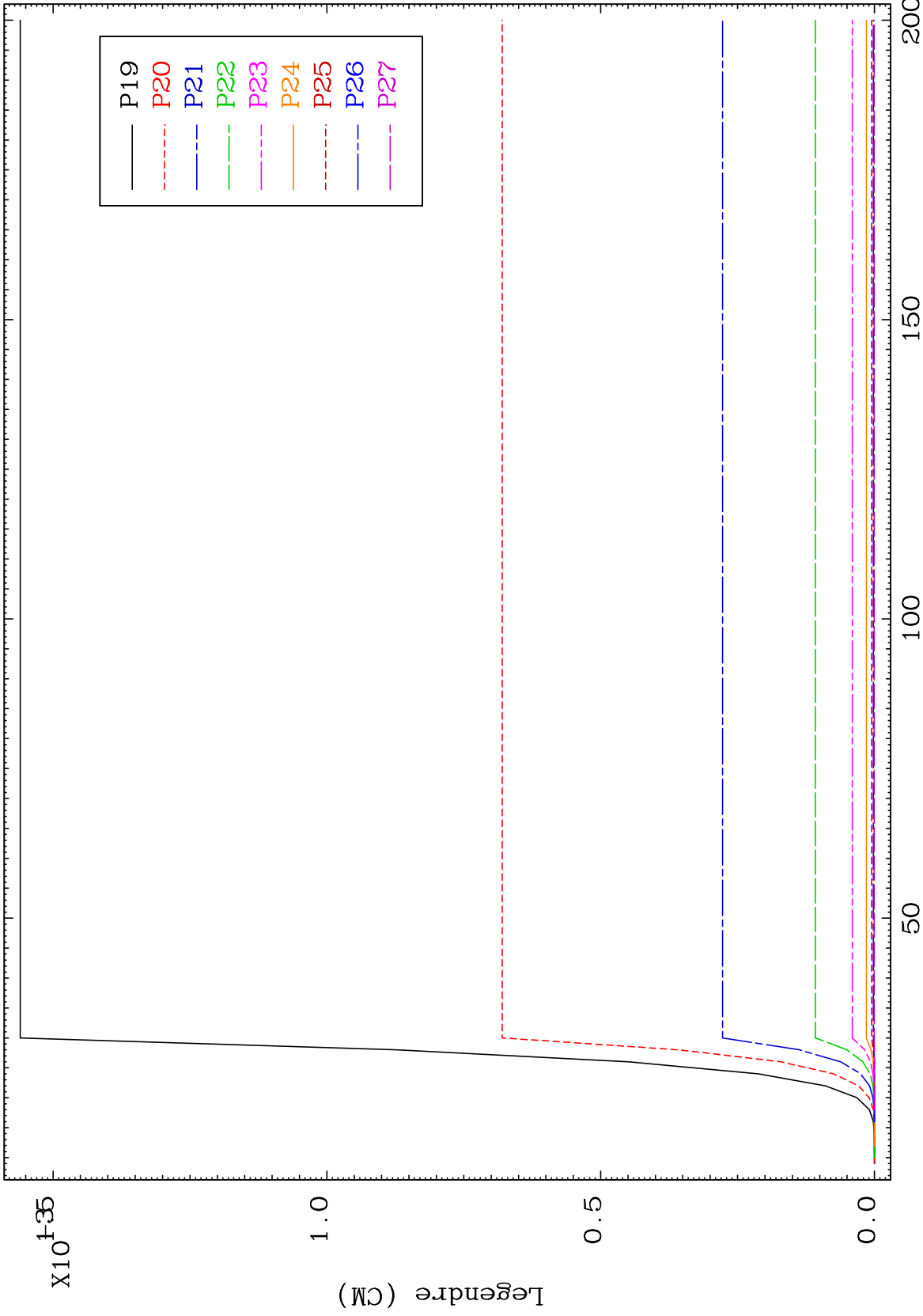
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



103

Incident Energy (MeV)

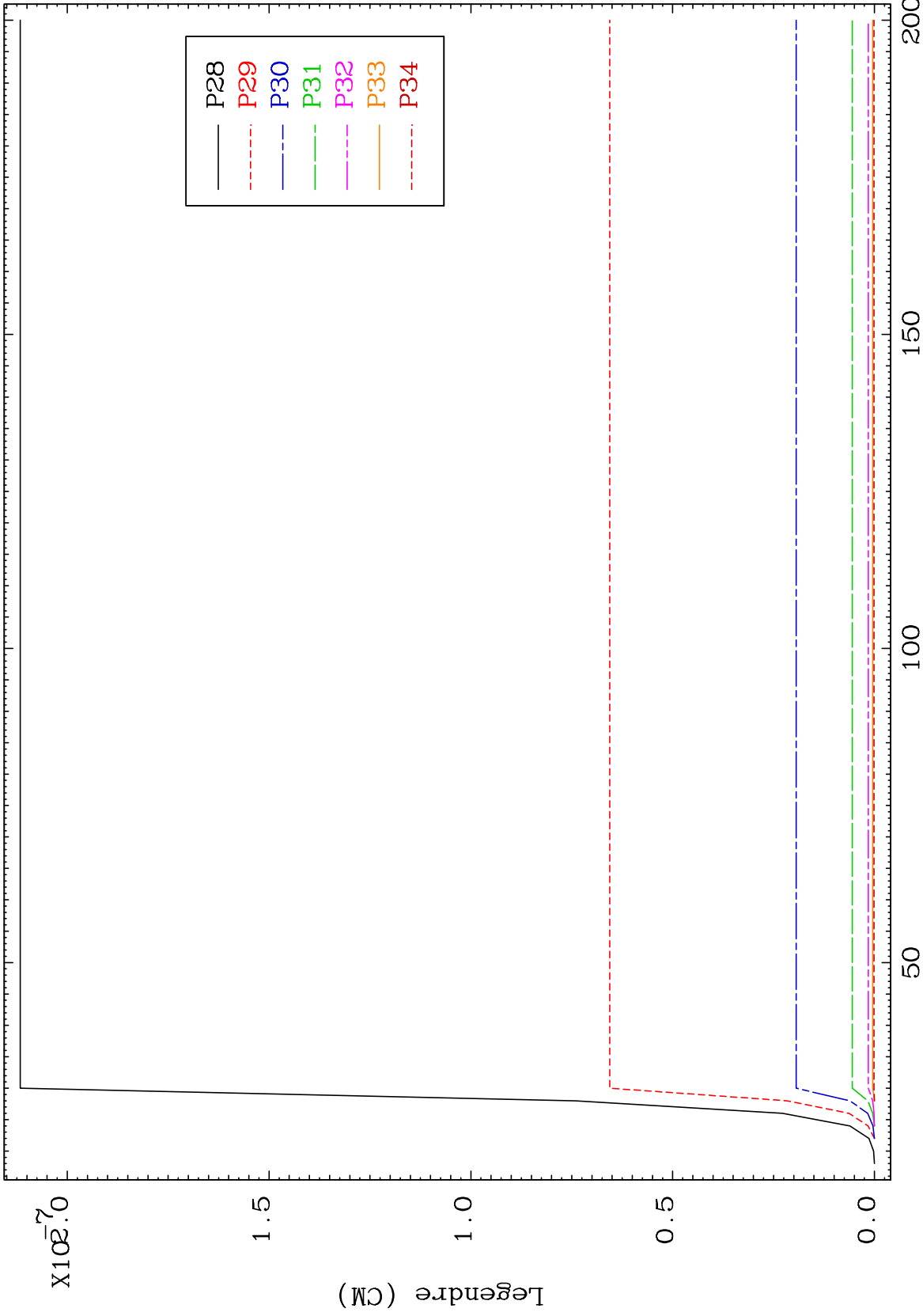
36-Kr-84



MAT 3643

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

36-Kr-84



104

Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



105

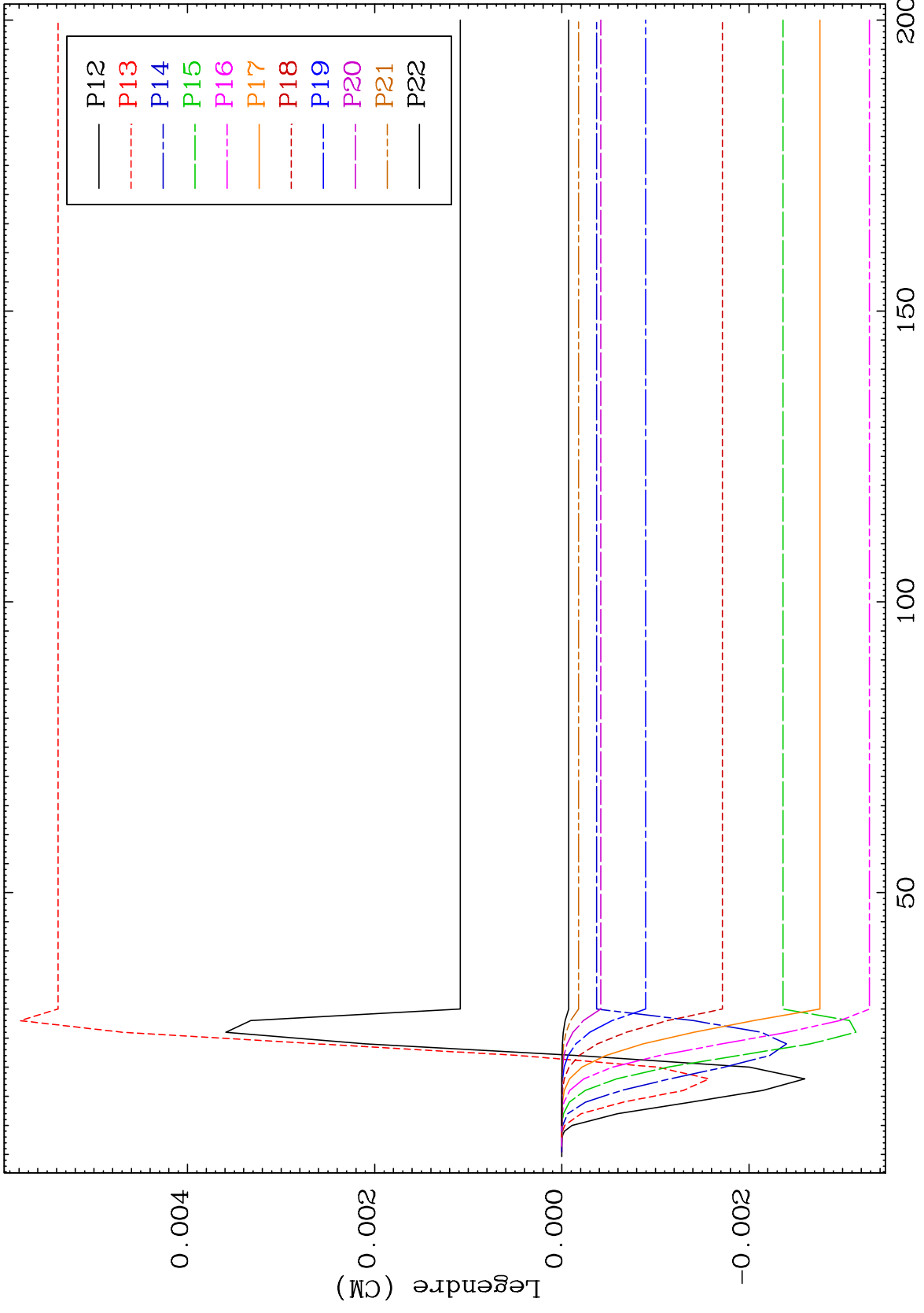
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



106

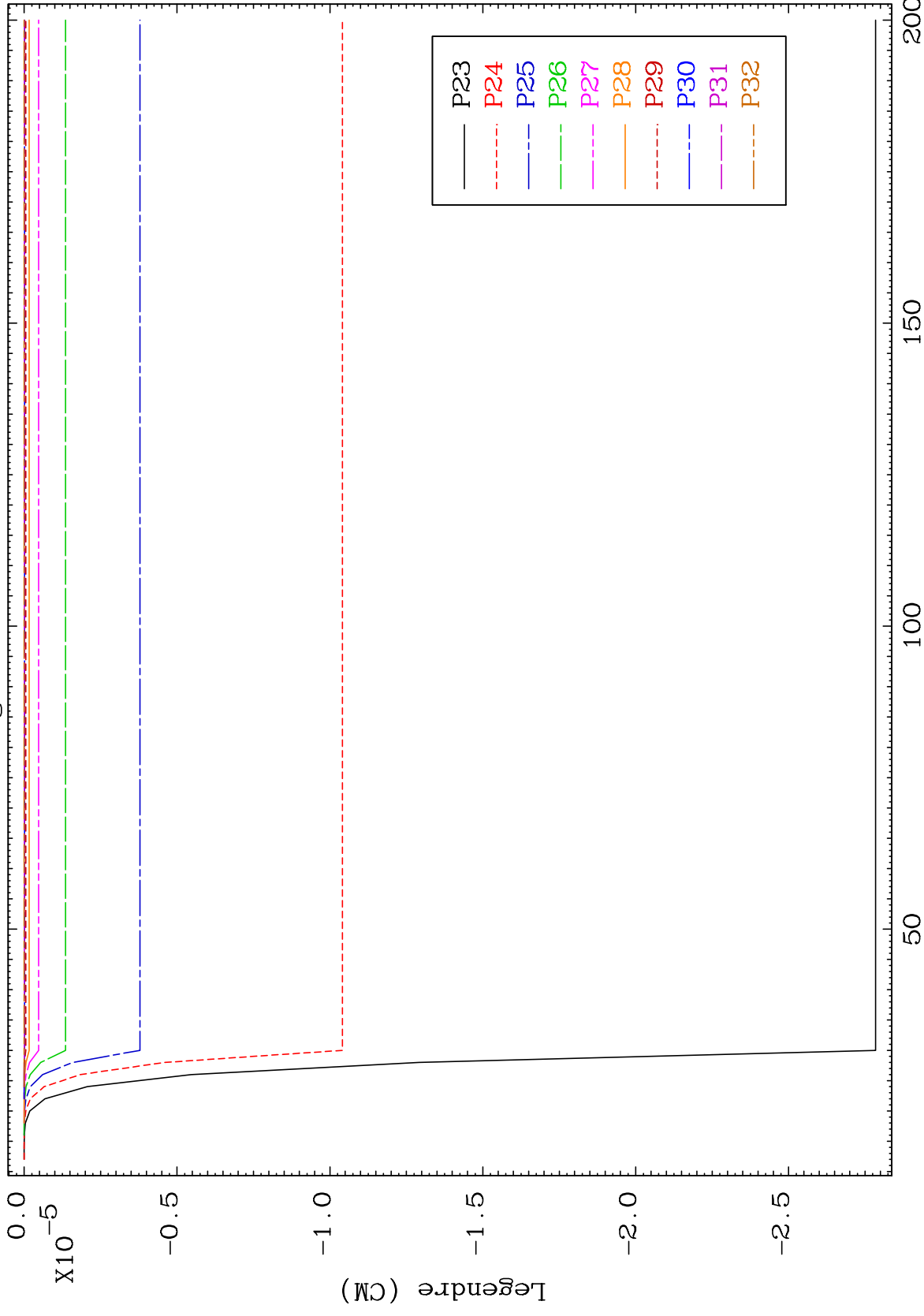
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



36-Kr-84

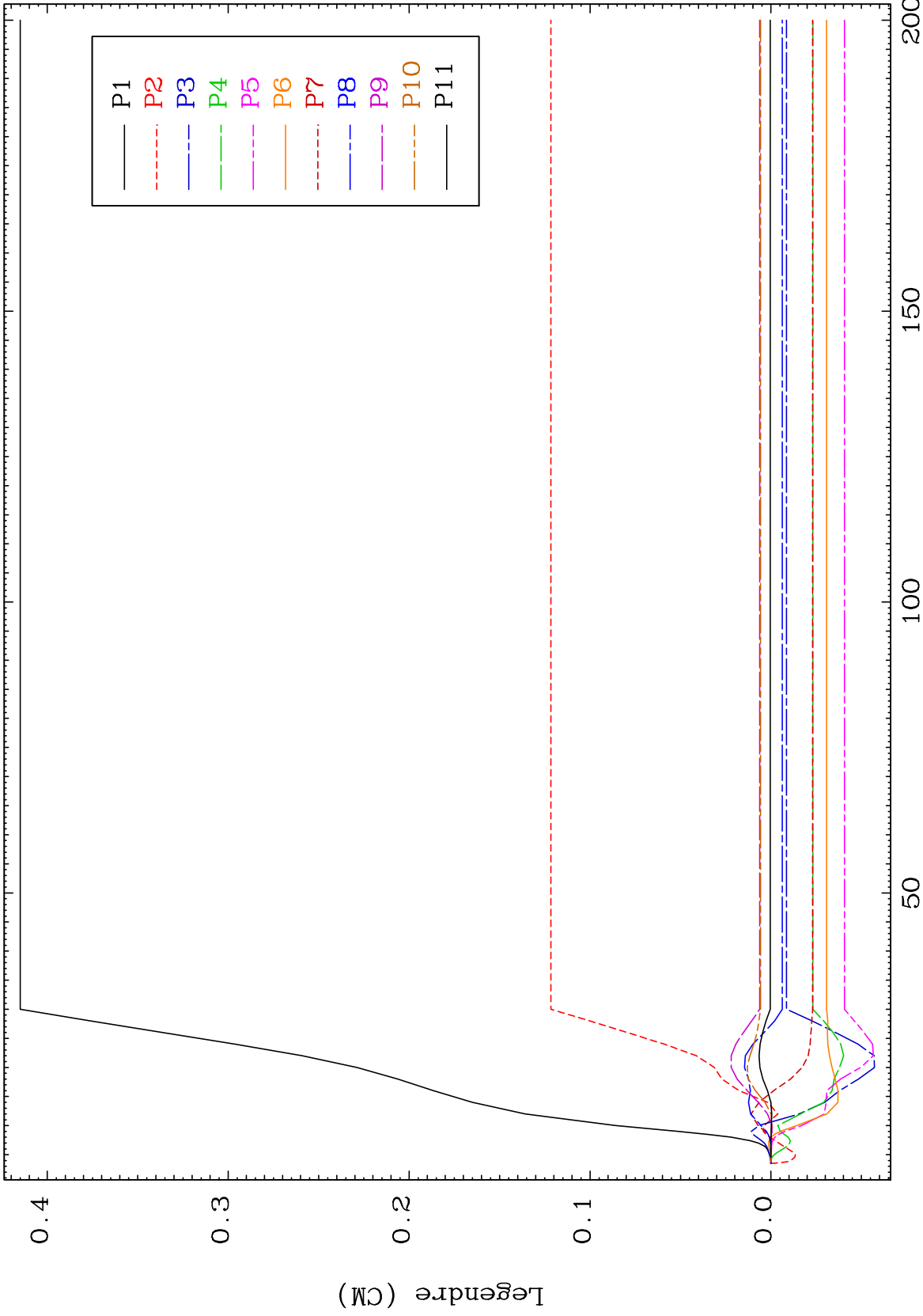
Incident Energy (MeV)

107

MAT 3643

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

36-Kr-84



108

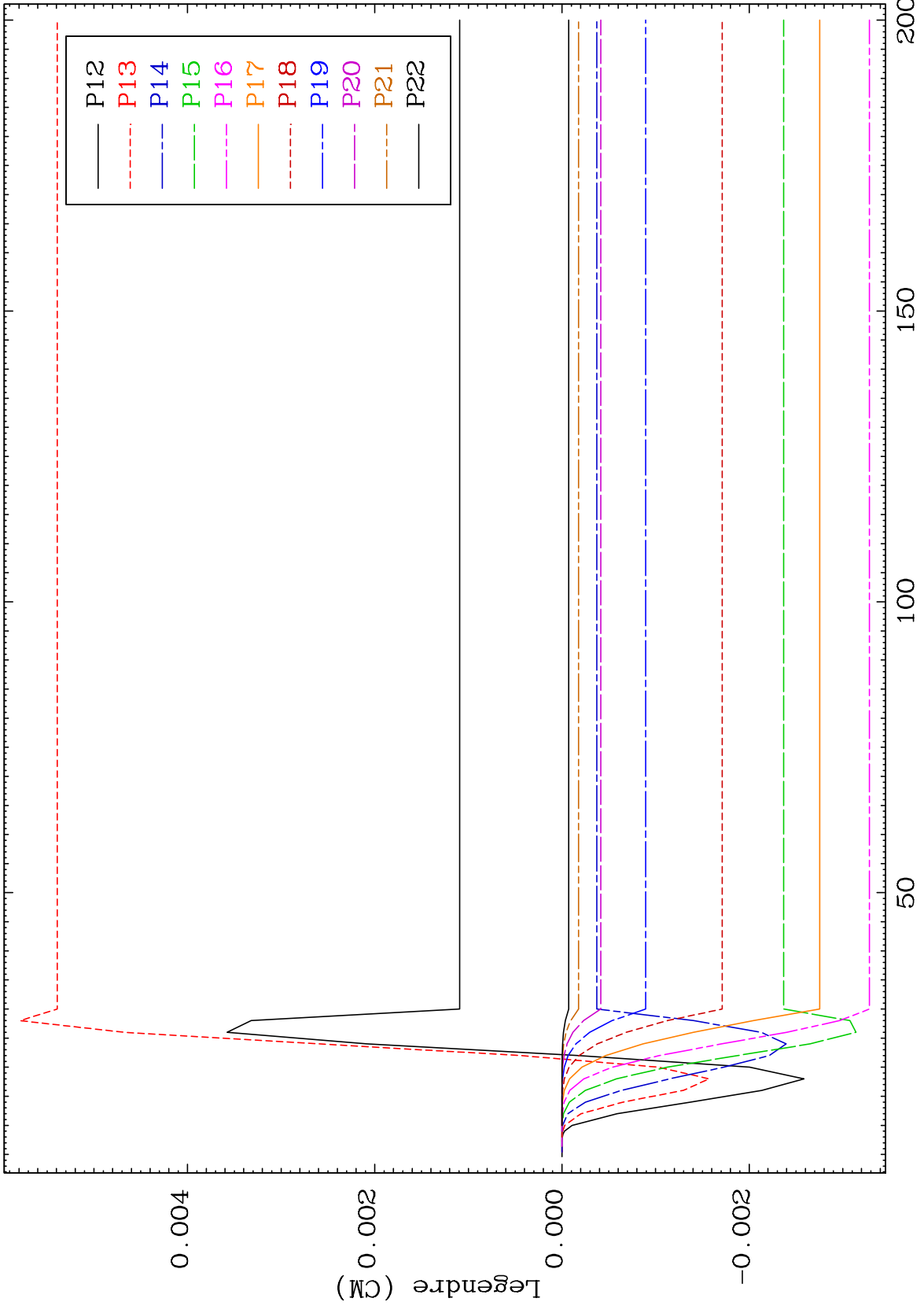
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



109

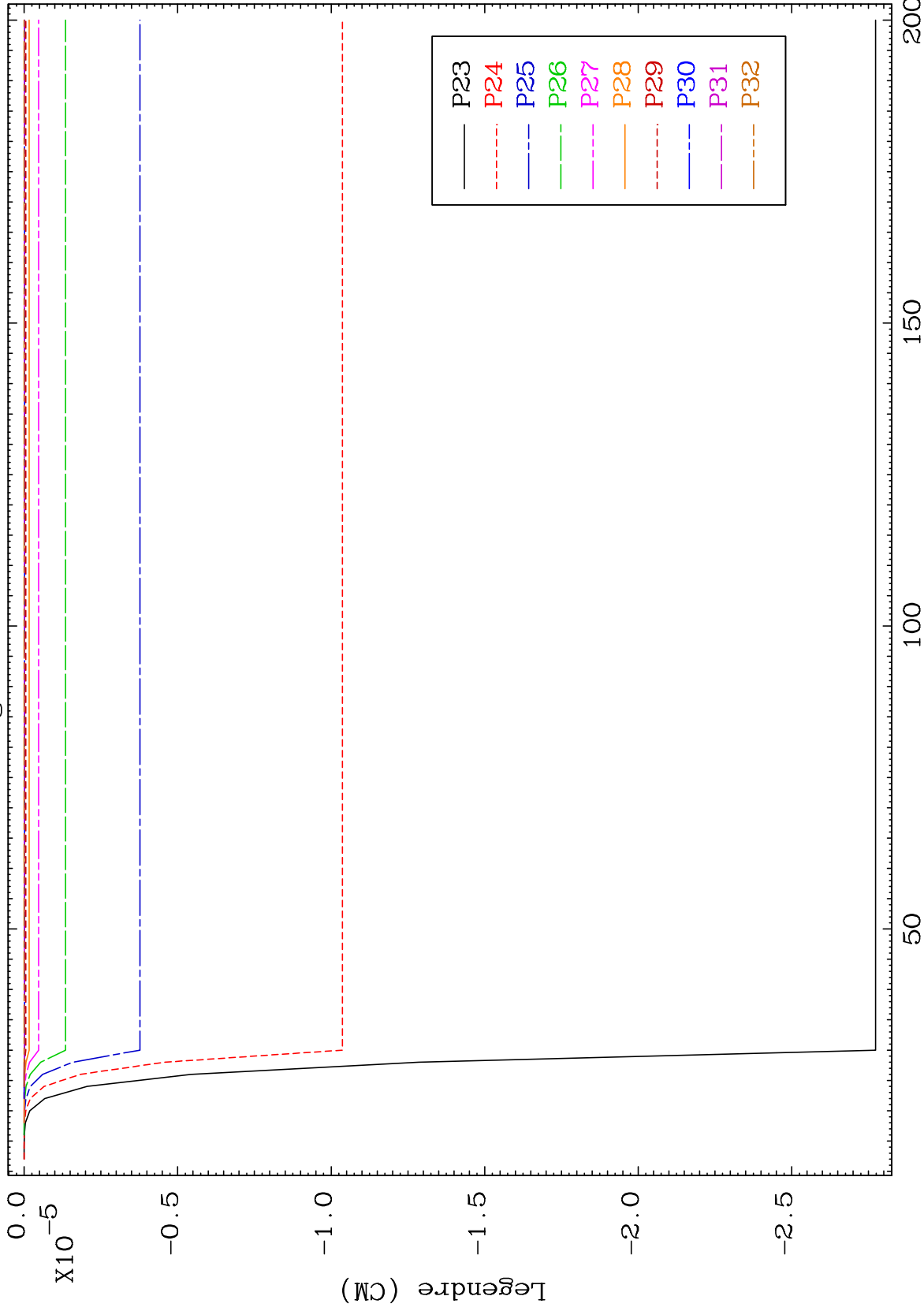
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



36-Kr-84

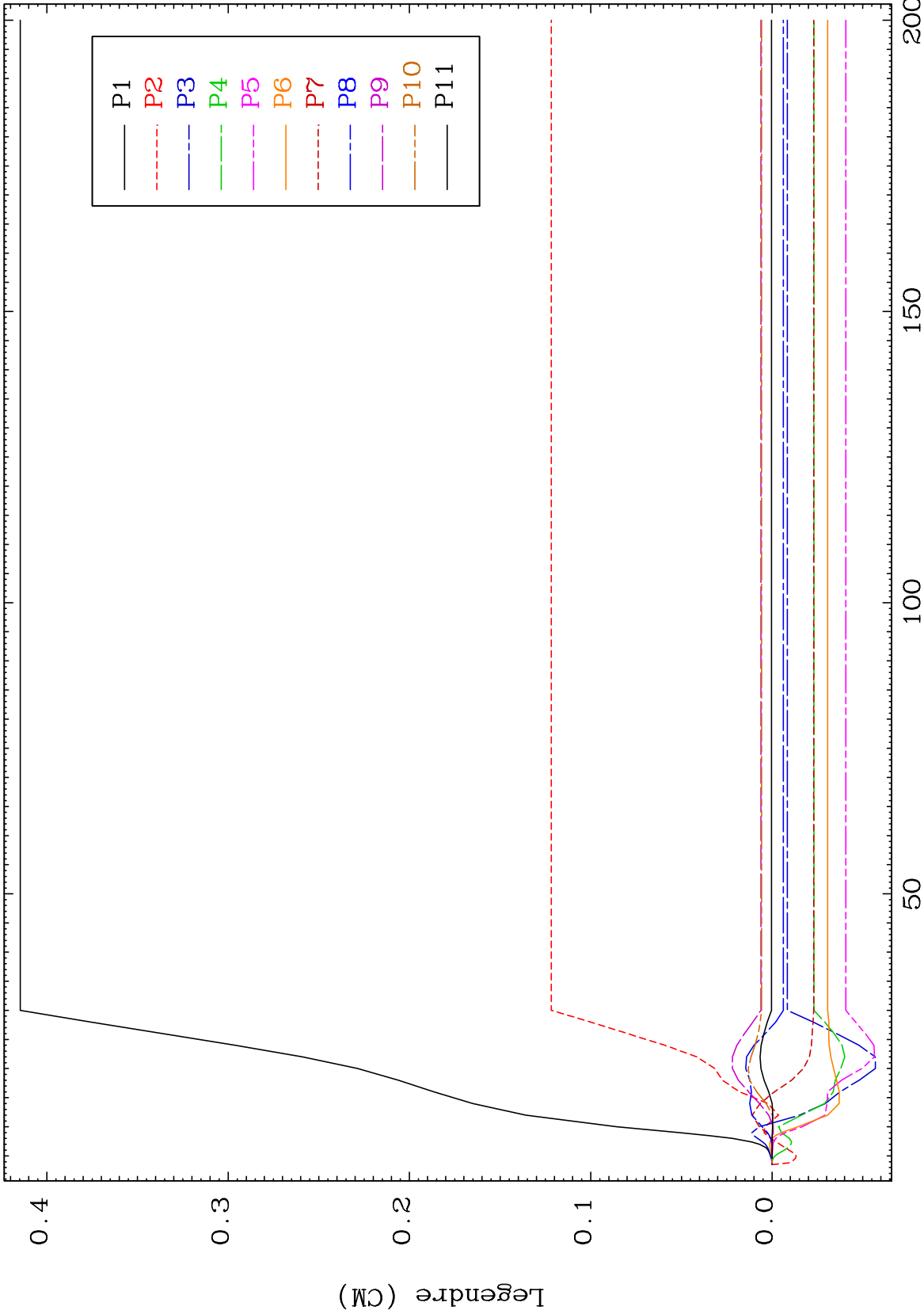
Incident Energy (MeV)

110

MAT 3643

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

36-Kr-84



111

Incident Energy (MeV)

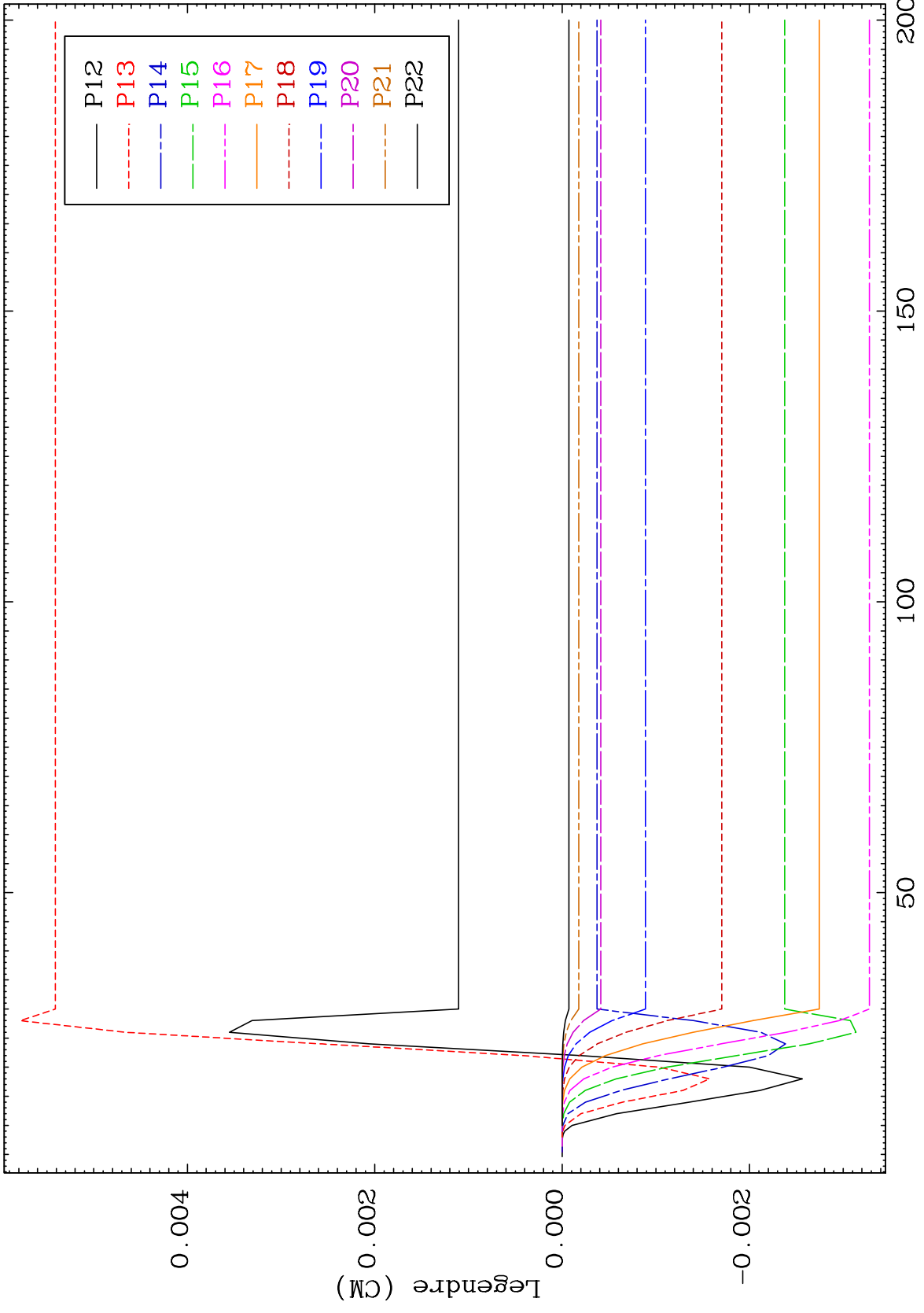
36-Kr-84



MAT 3643

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

36-Kr-84



112

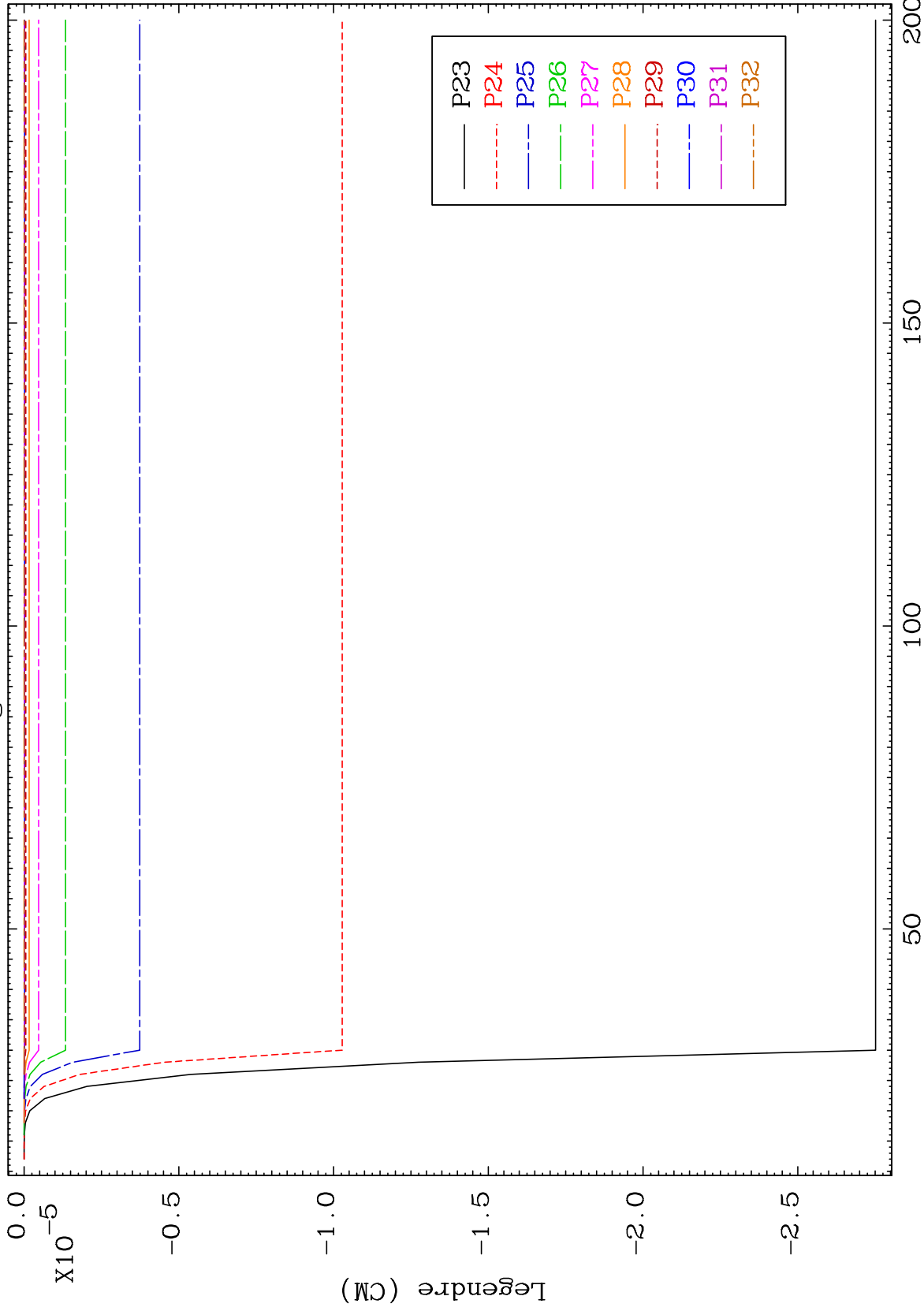
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



113

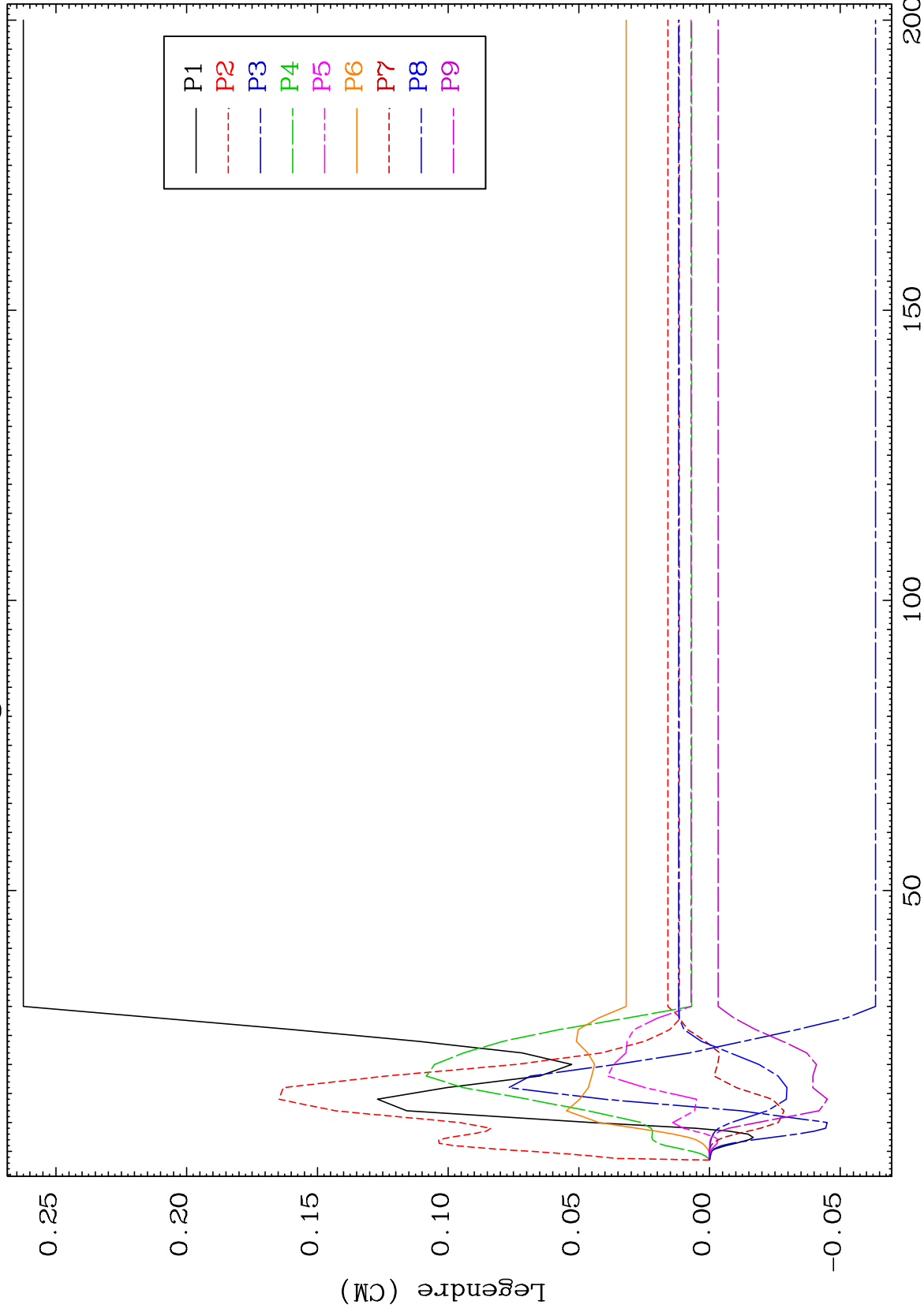
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



114

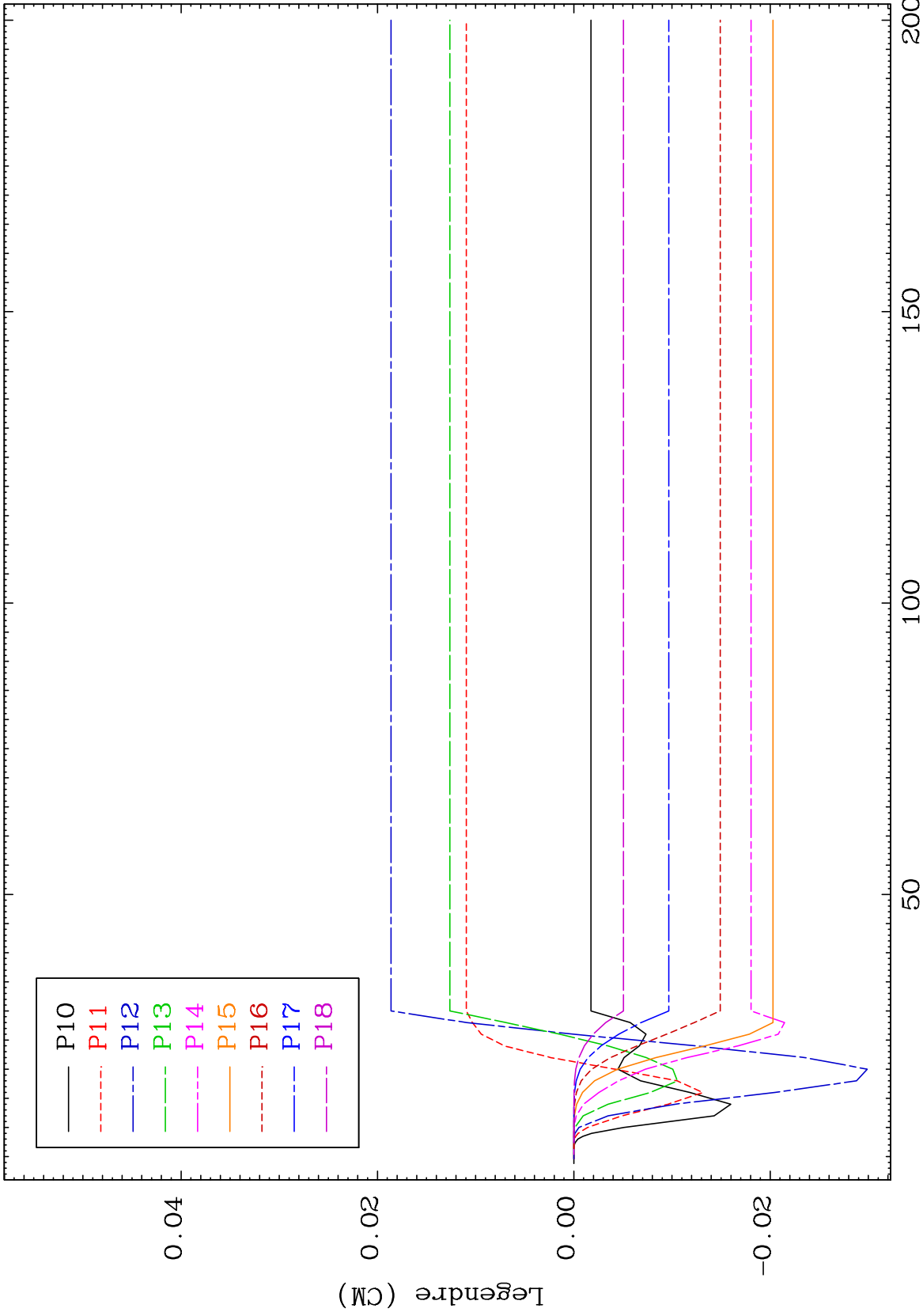
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



115

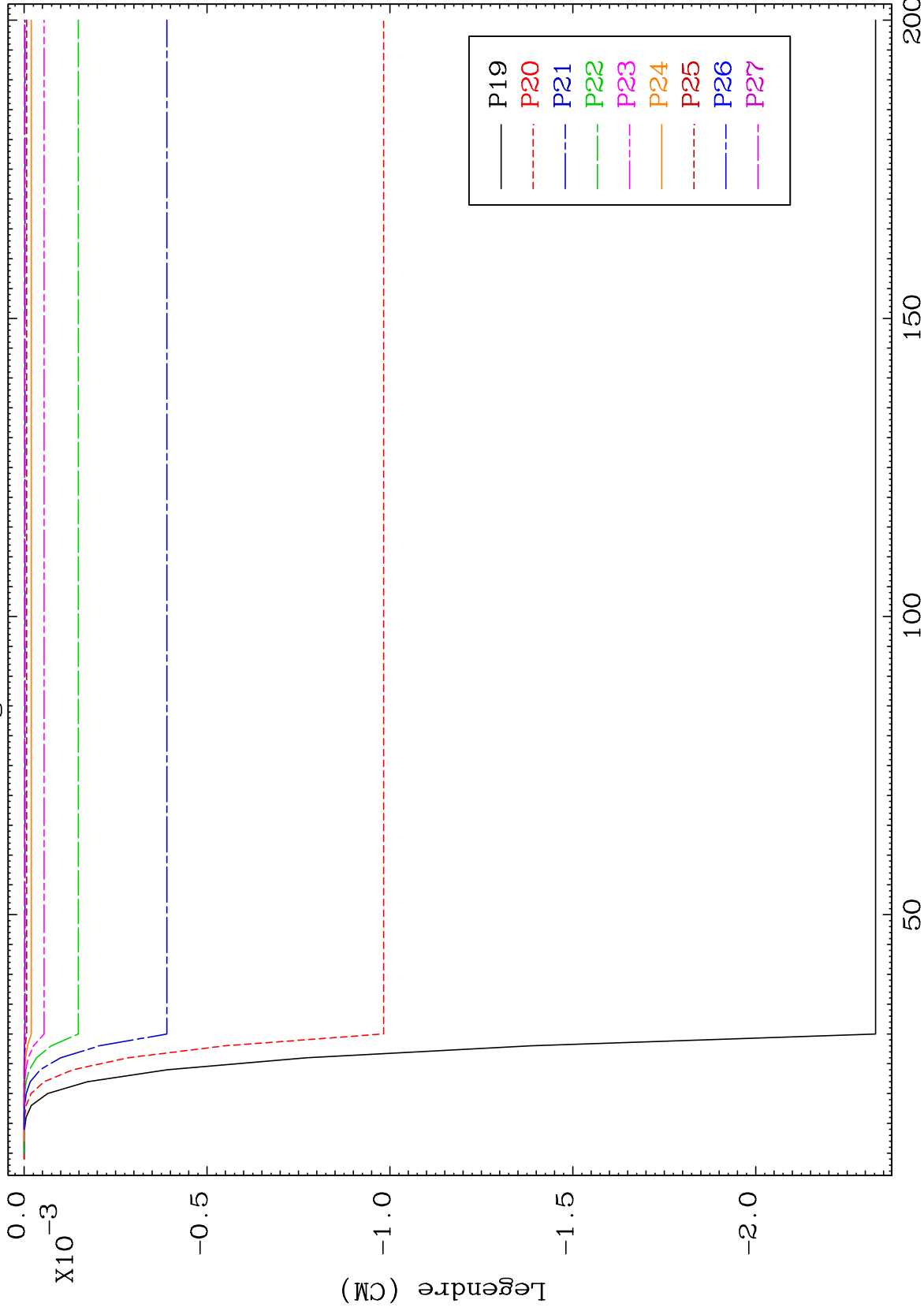
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



116

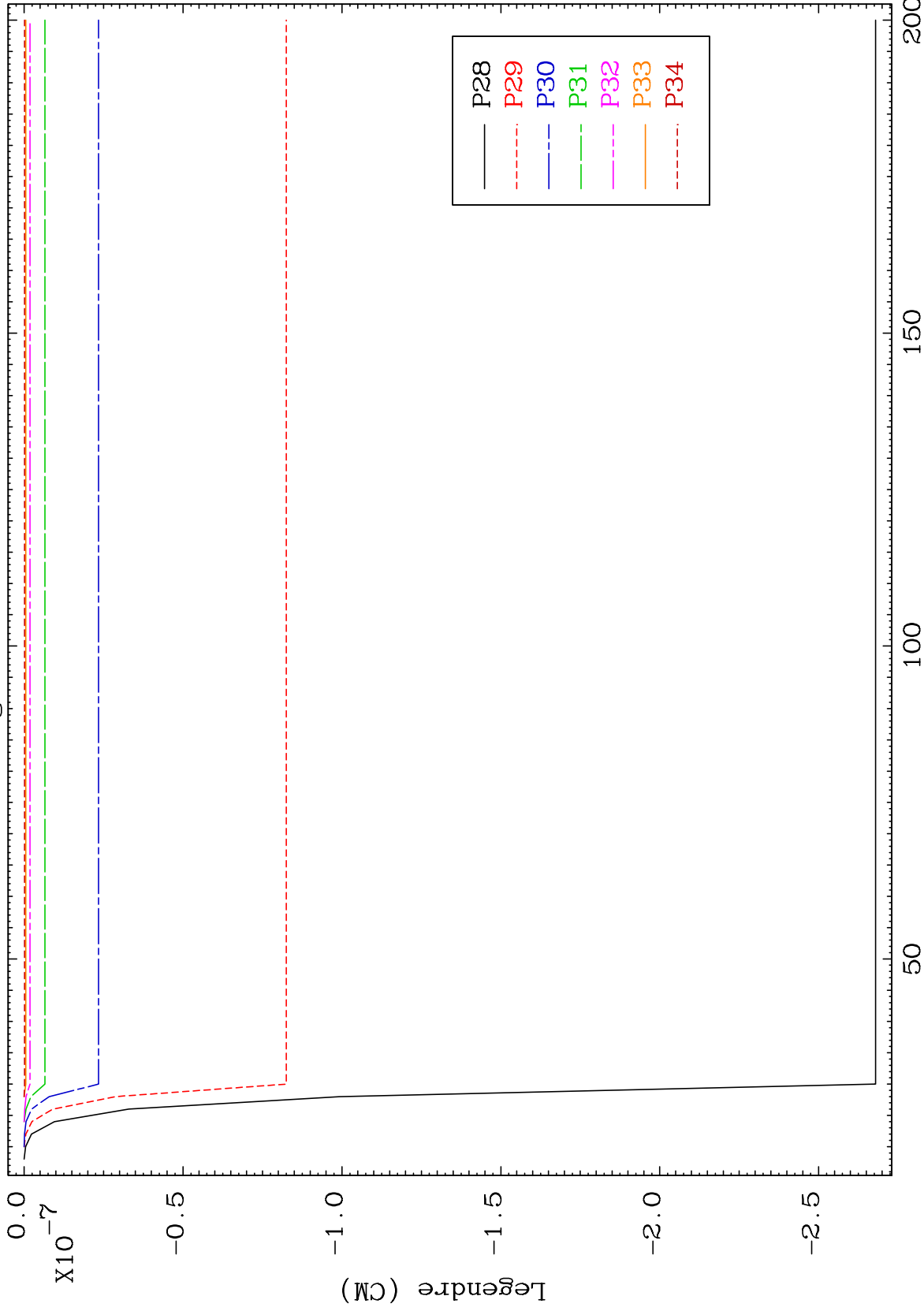
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



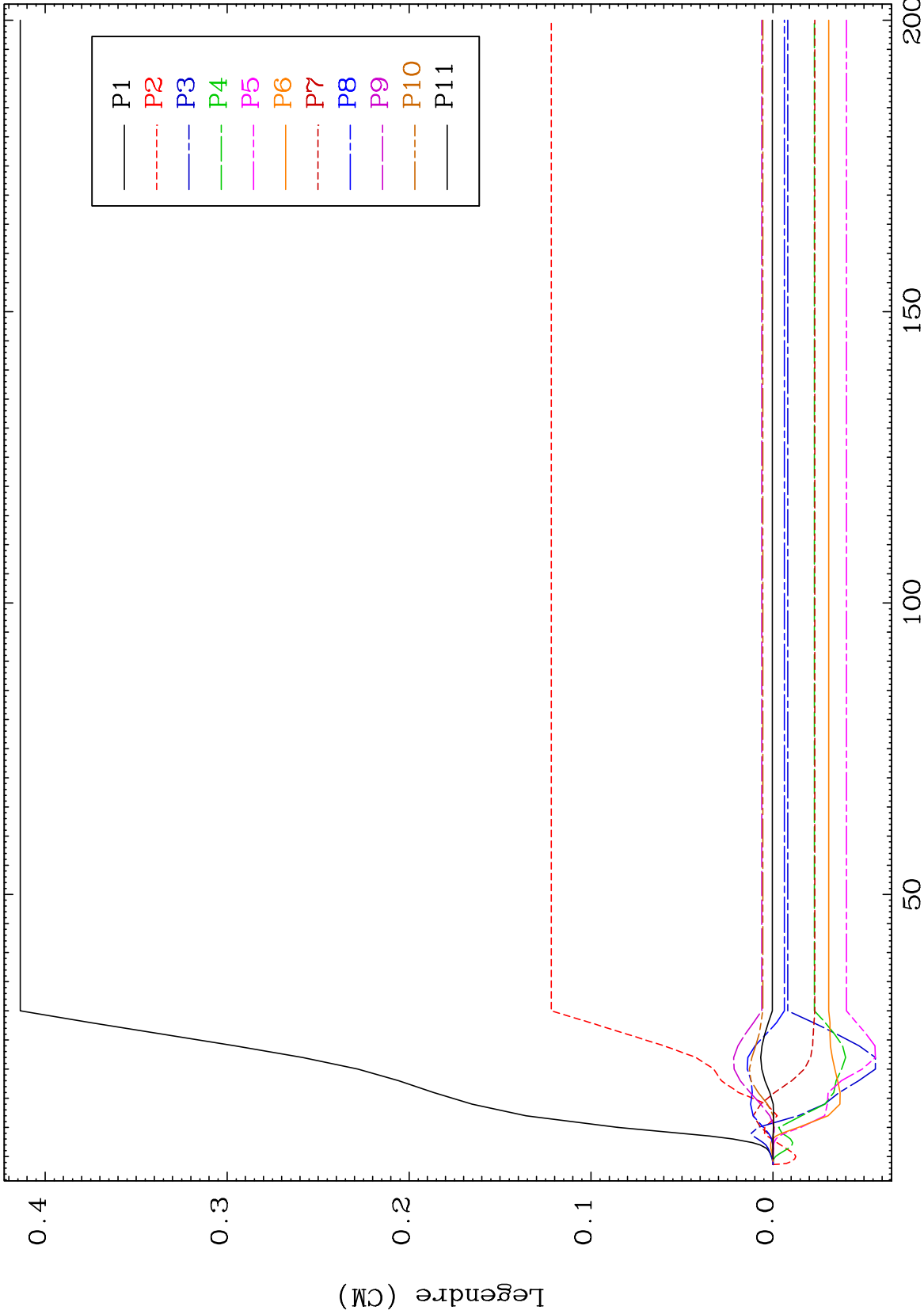
117

36-Kr-84

MAT 3643

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

36-Kr-84



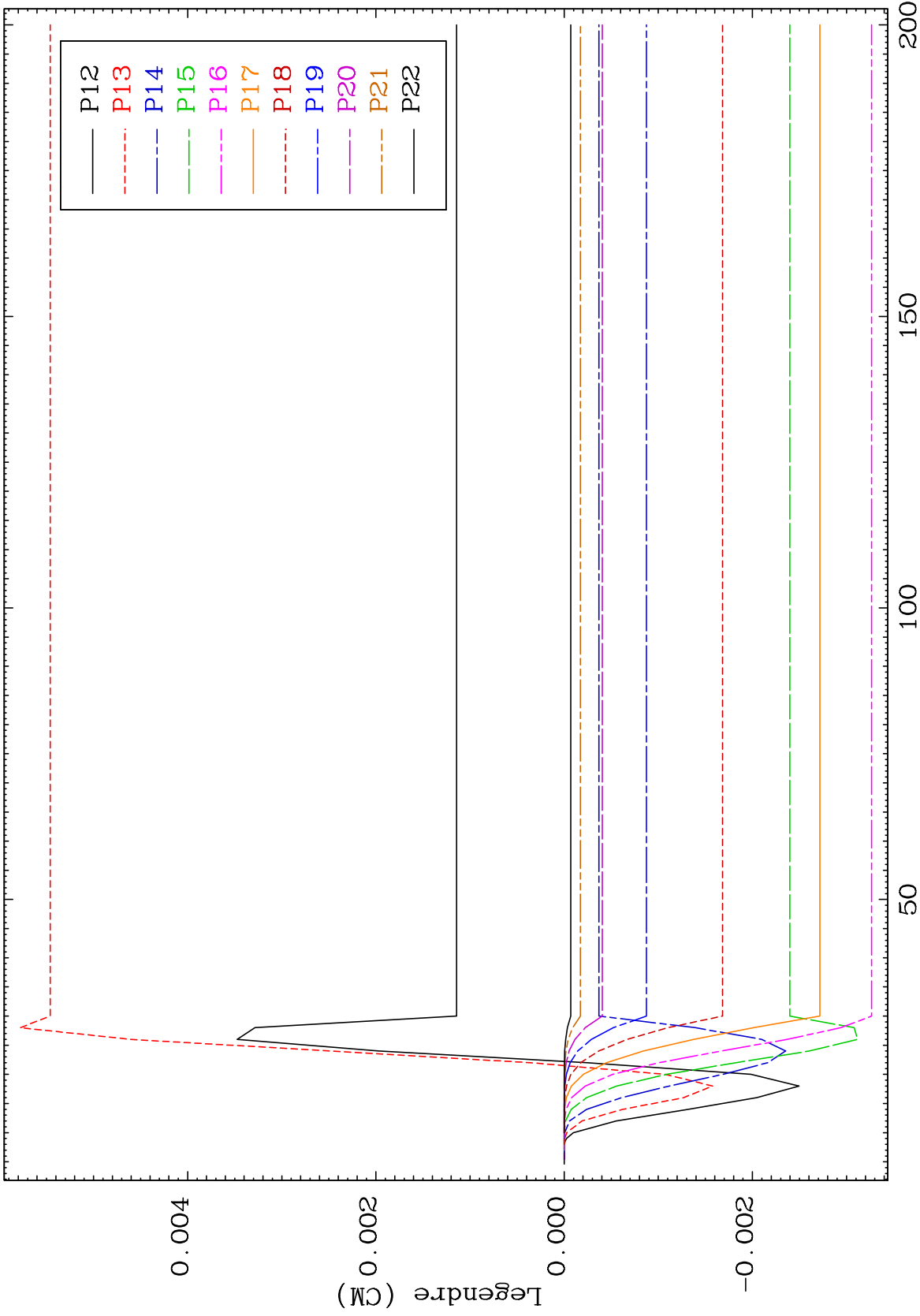
118

36-Kr-84

MAT 3643

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

36-Kr-84



119

Incident Energy (MeV)

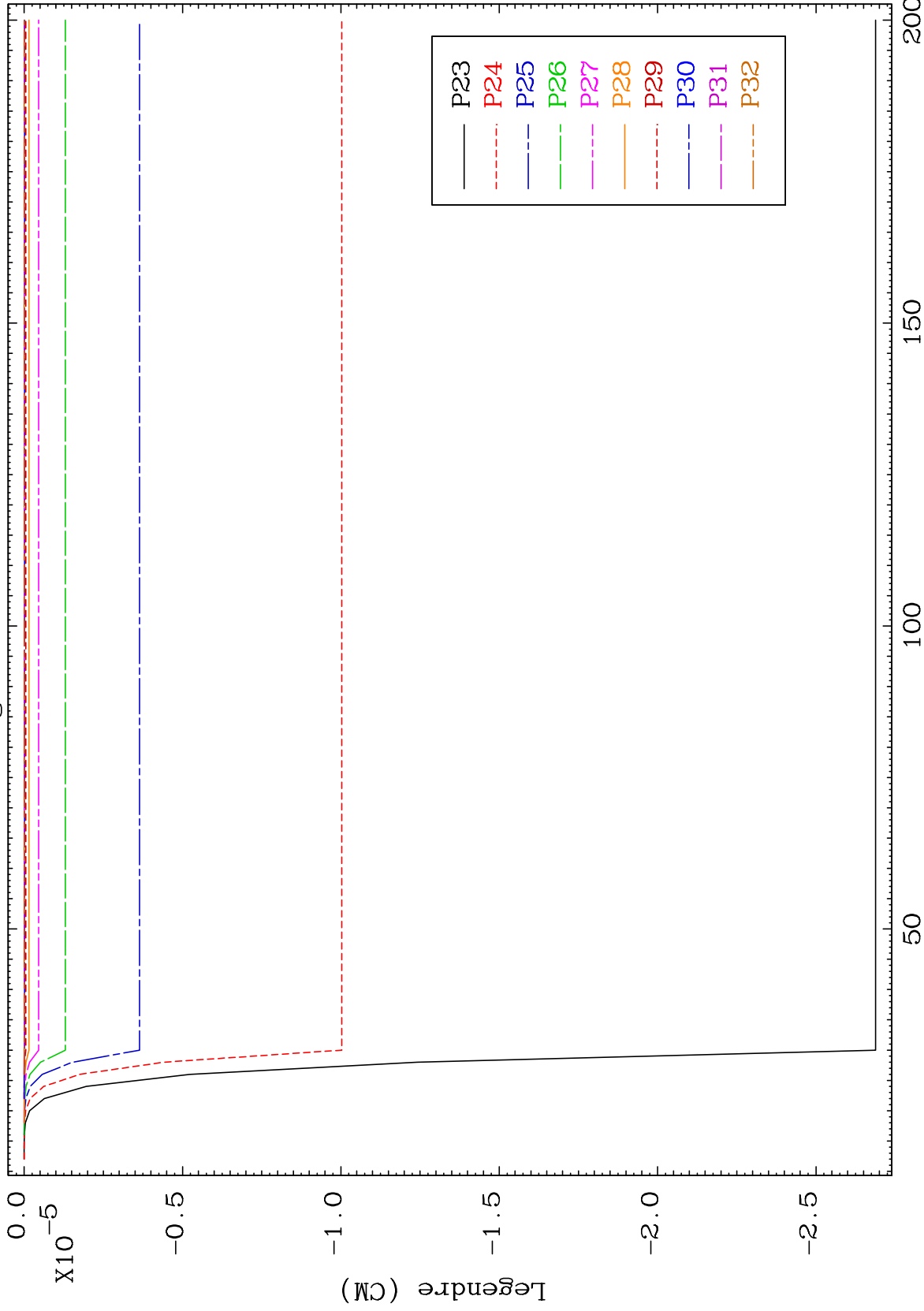
36-Kr-84



MAT 3643

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

36-Kr-84



36-Kr-84

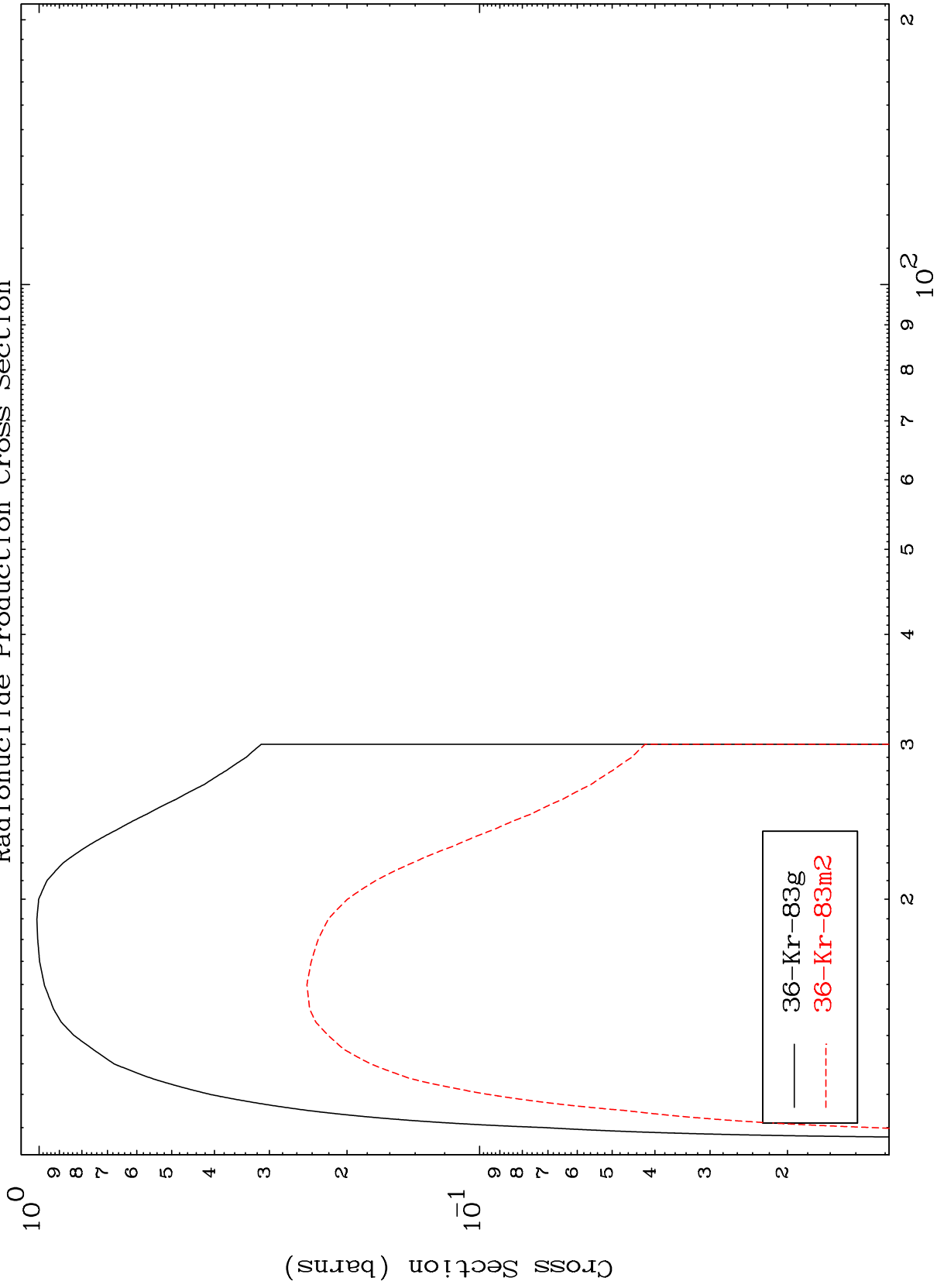
Incident Energy (MeV)

120

MAT 3643

<sup>36</sup>Kr-84

Radionuclide Production Cross Section  
(n,2n)



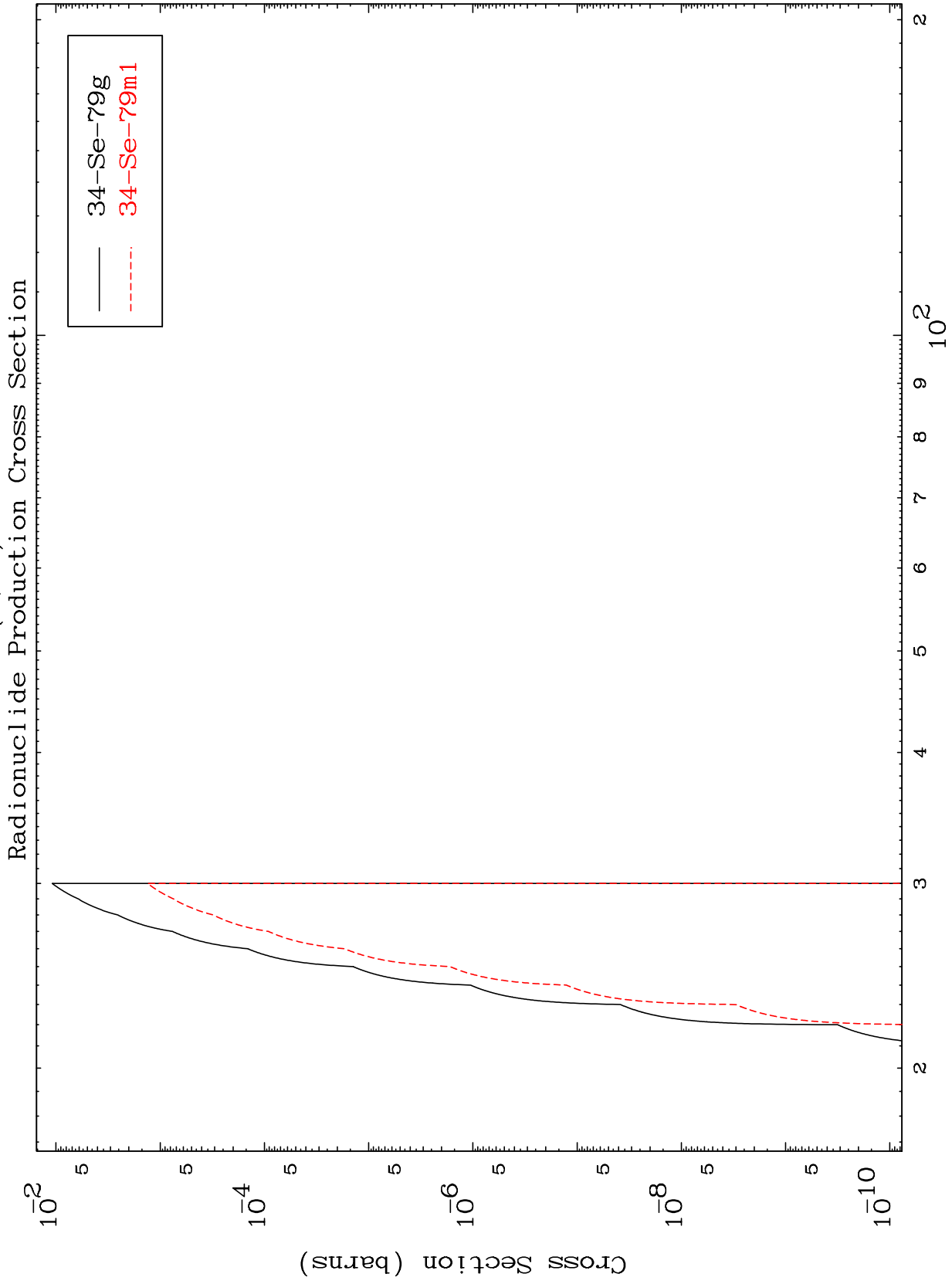
121

<sup>36</sup>Kr-84

MAT 3643

(n,2n)  $\alpha$

36-Kr-84

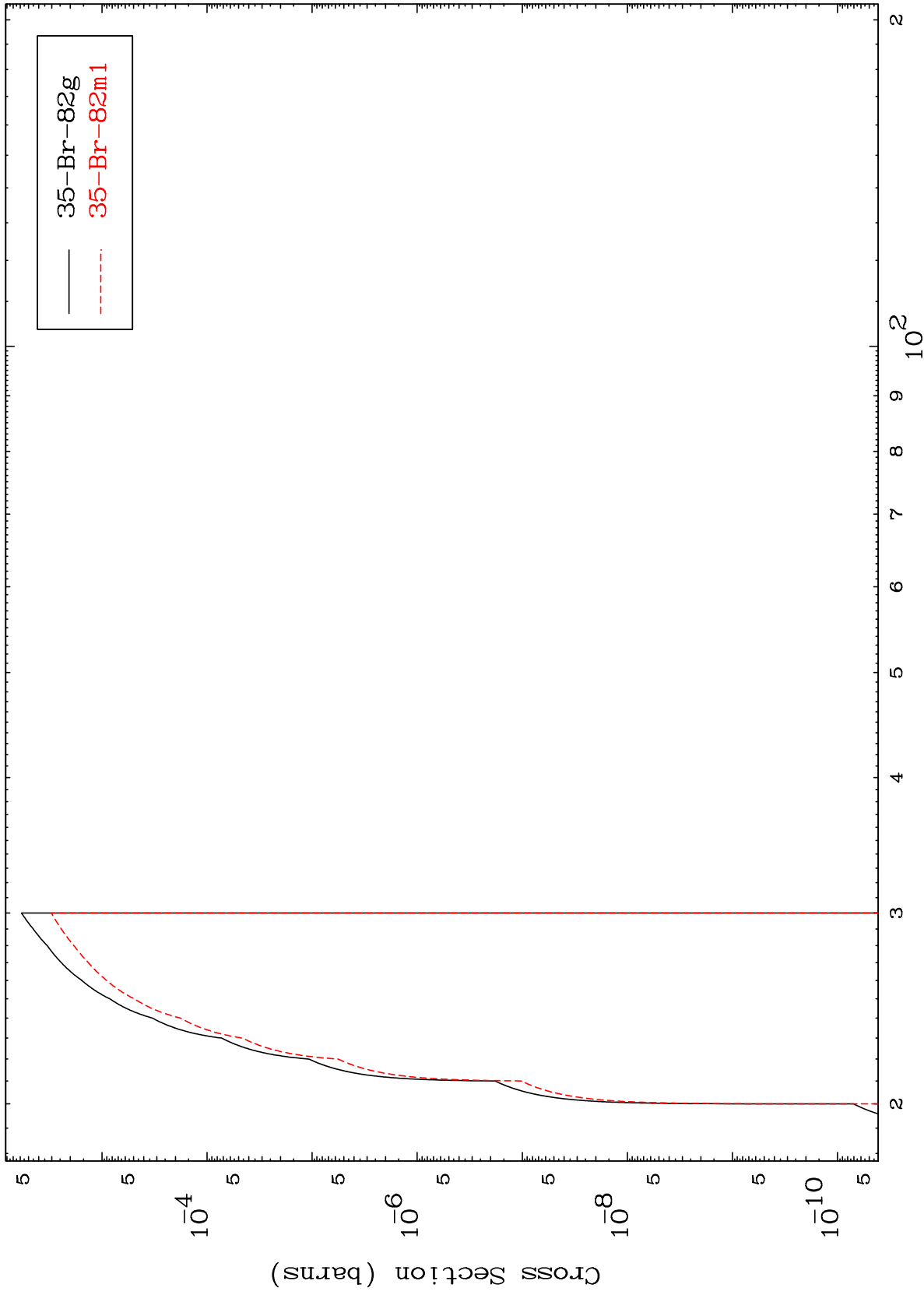


122

Incident Energy (MeV)

36-Kr-84

Radionuclide Production Cross Section

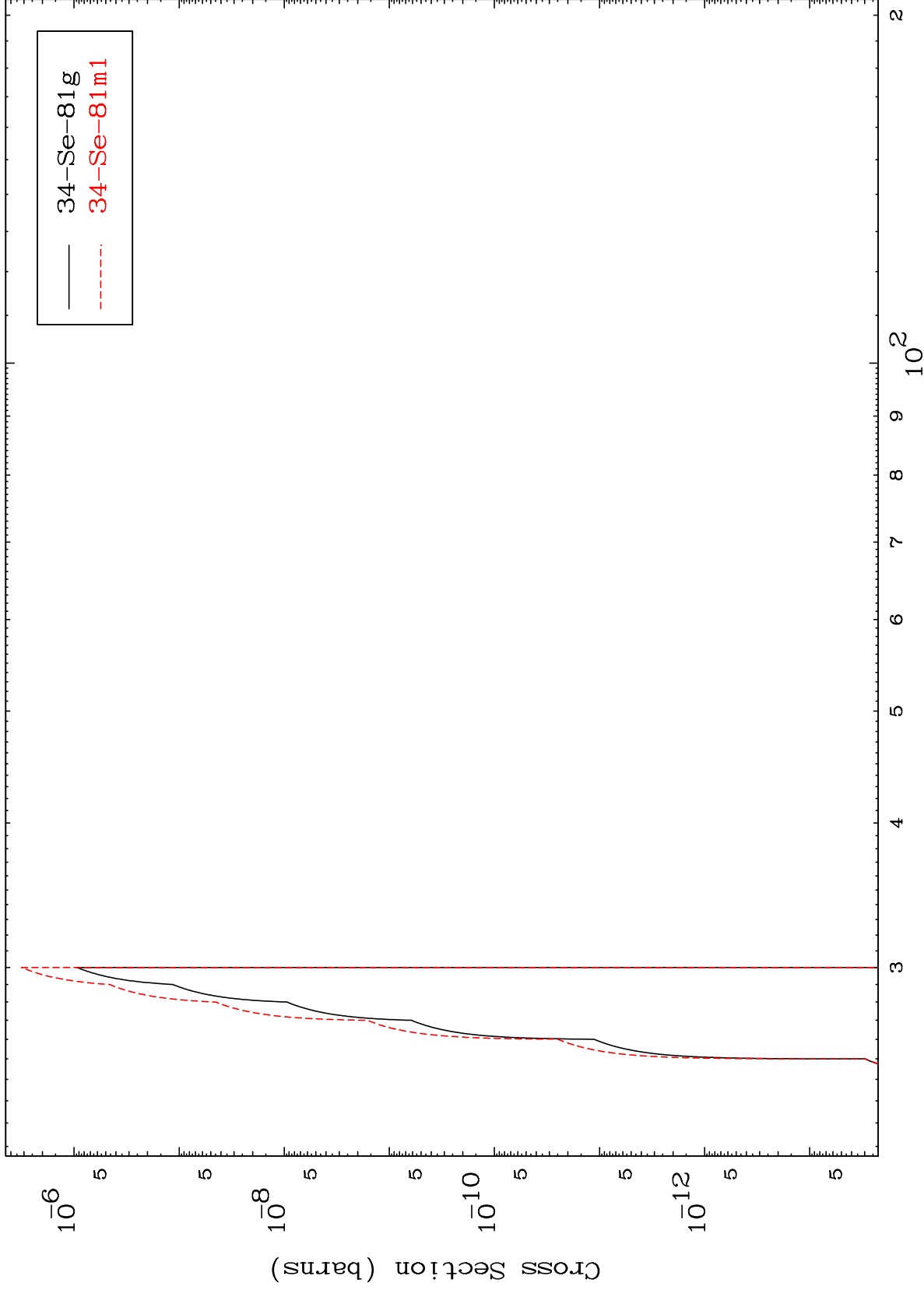


MAT 3643

(n, n') He-3

36-Kr-84

Radionuclide Production Cross Section



124

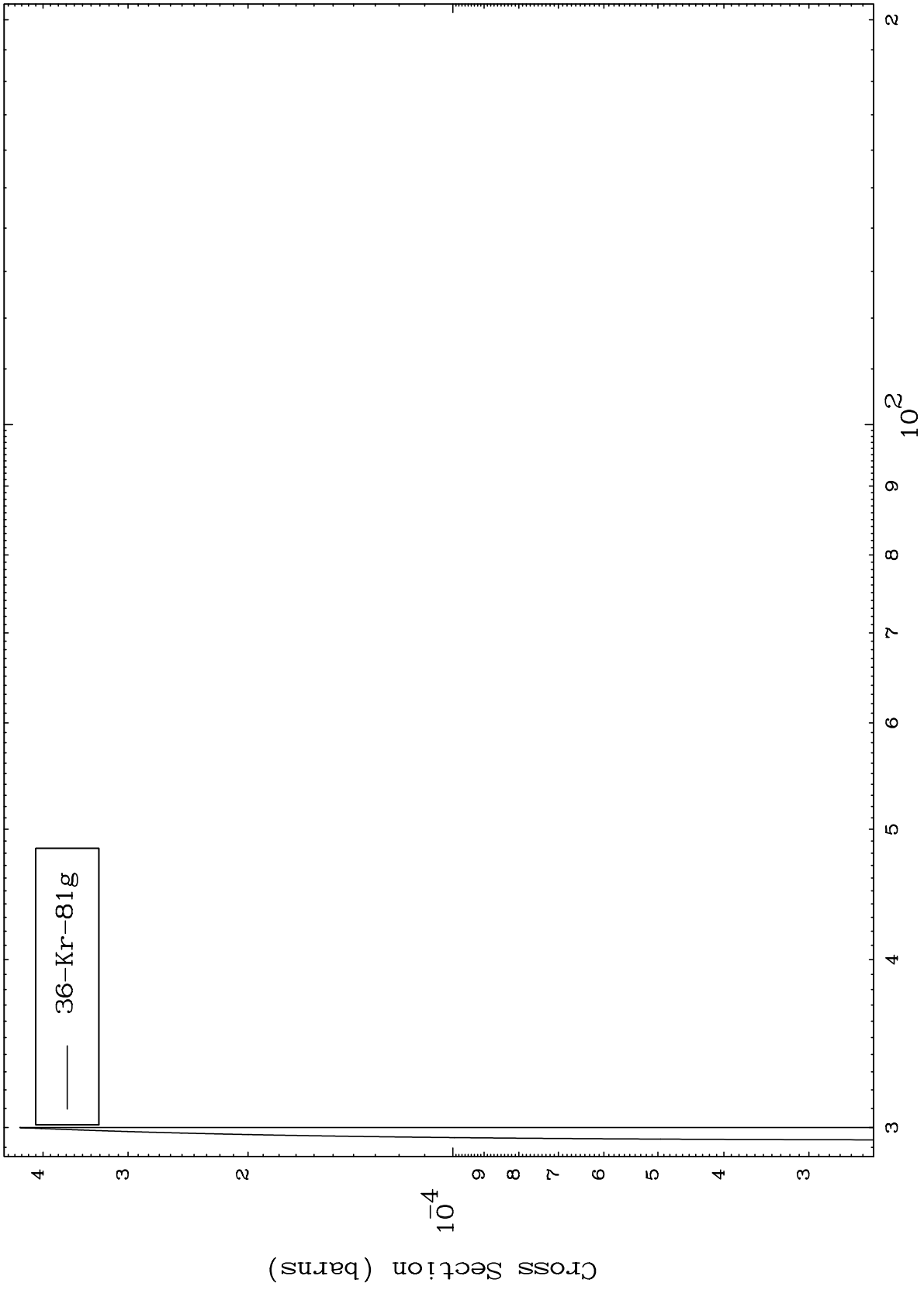
Incident Energy (MeV)

36-Kr-84

MAT 3643

36-Kr-84

(n,4n)  
Radionuclide Production Cross Section



125

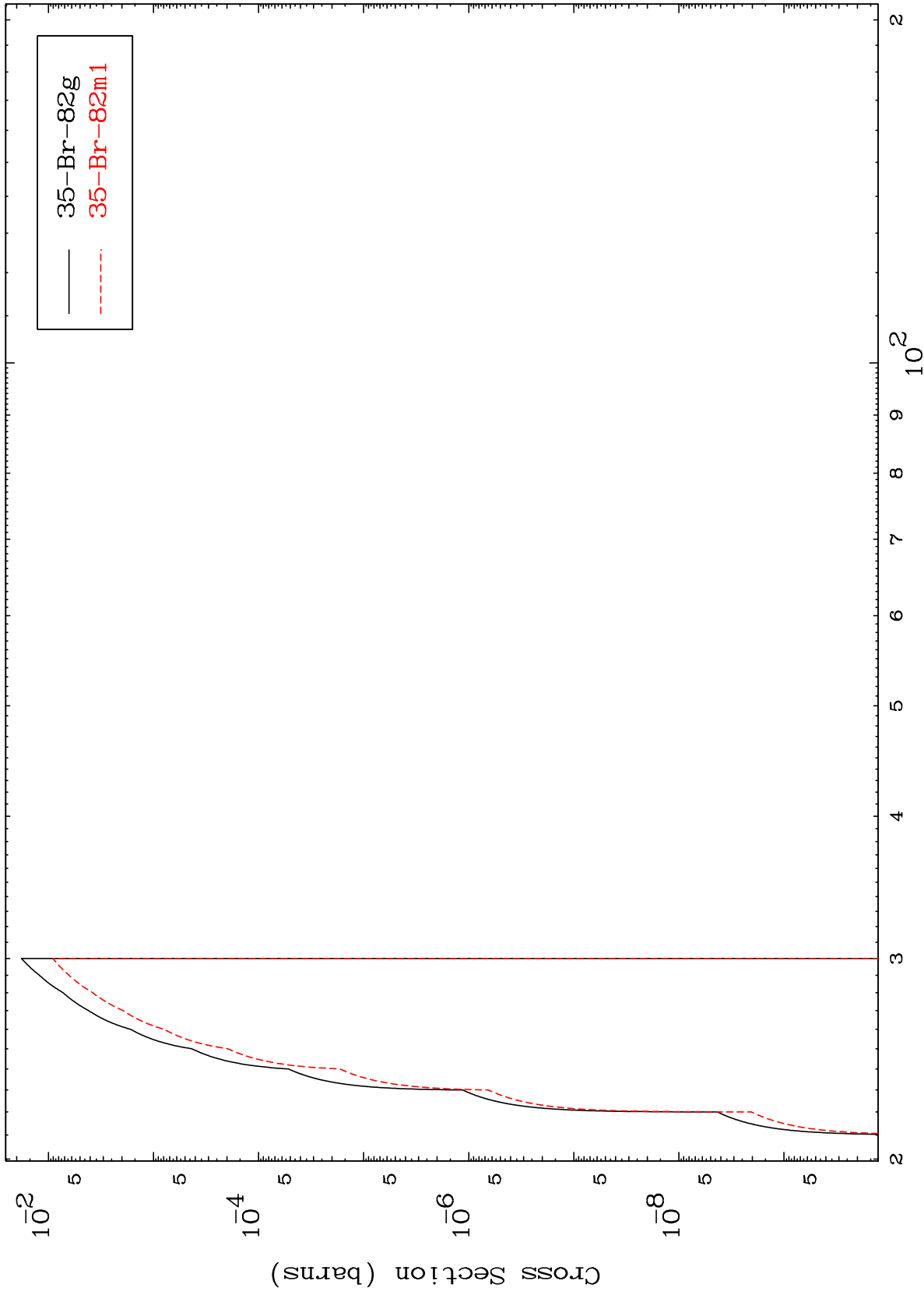
36-Kr-84

MAT 3643

(n,2n) p

36-Kr-84

Radionuclide Production Cross Section



126

Incident Energy (MeV)

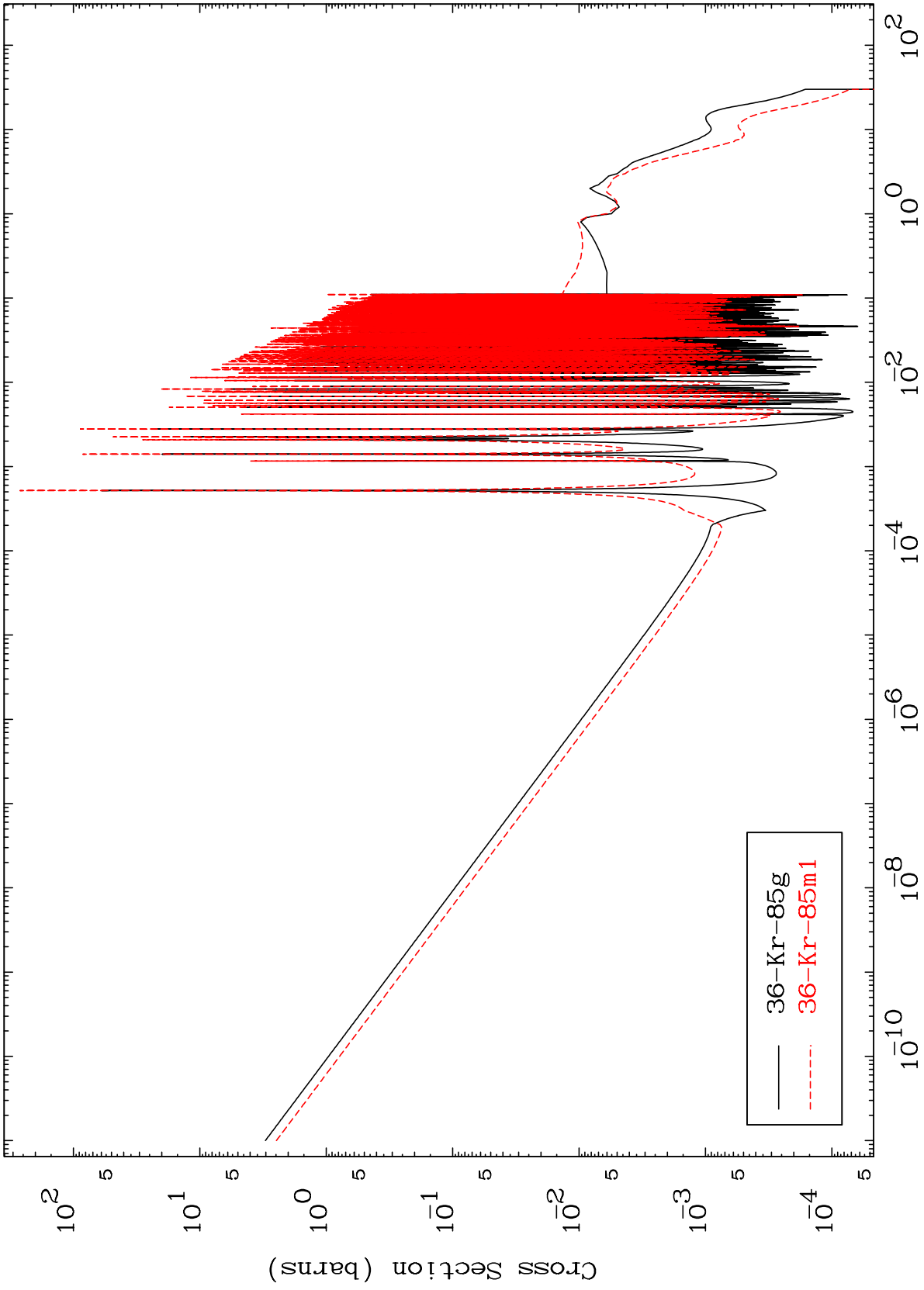
36-Kr-84

MAT 3643

36-Kr-84

Radionuclide Production Cross Section

(n,γ)

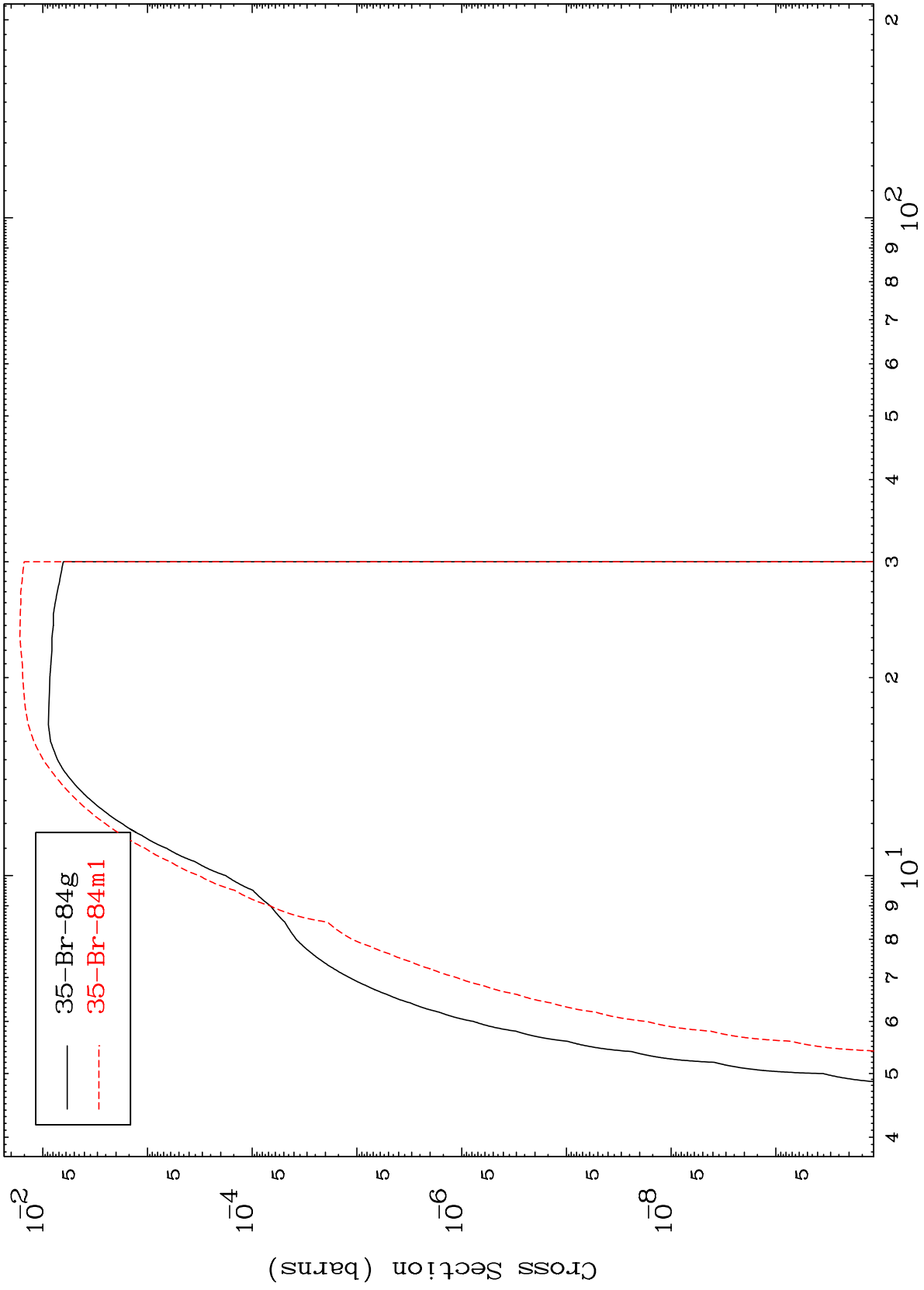




MAT 3643

<sup>36</sup>Kr-84

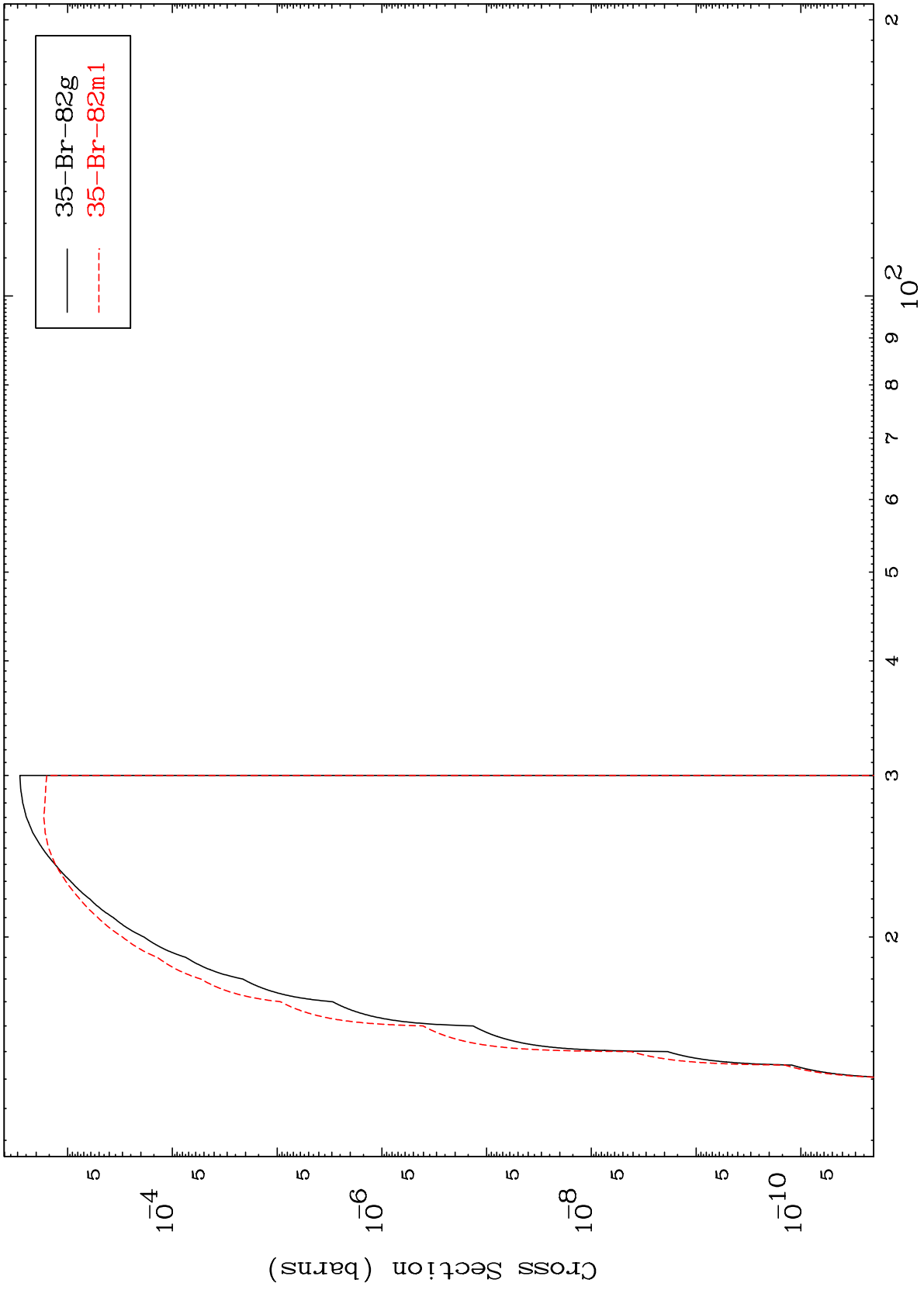
Radionuclide Production Cross Section (n,p)



128

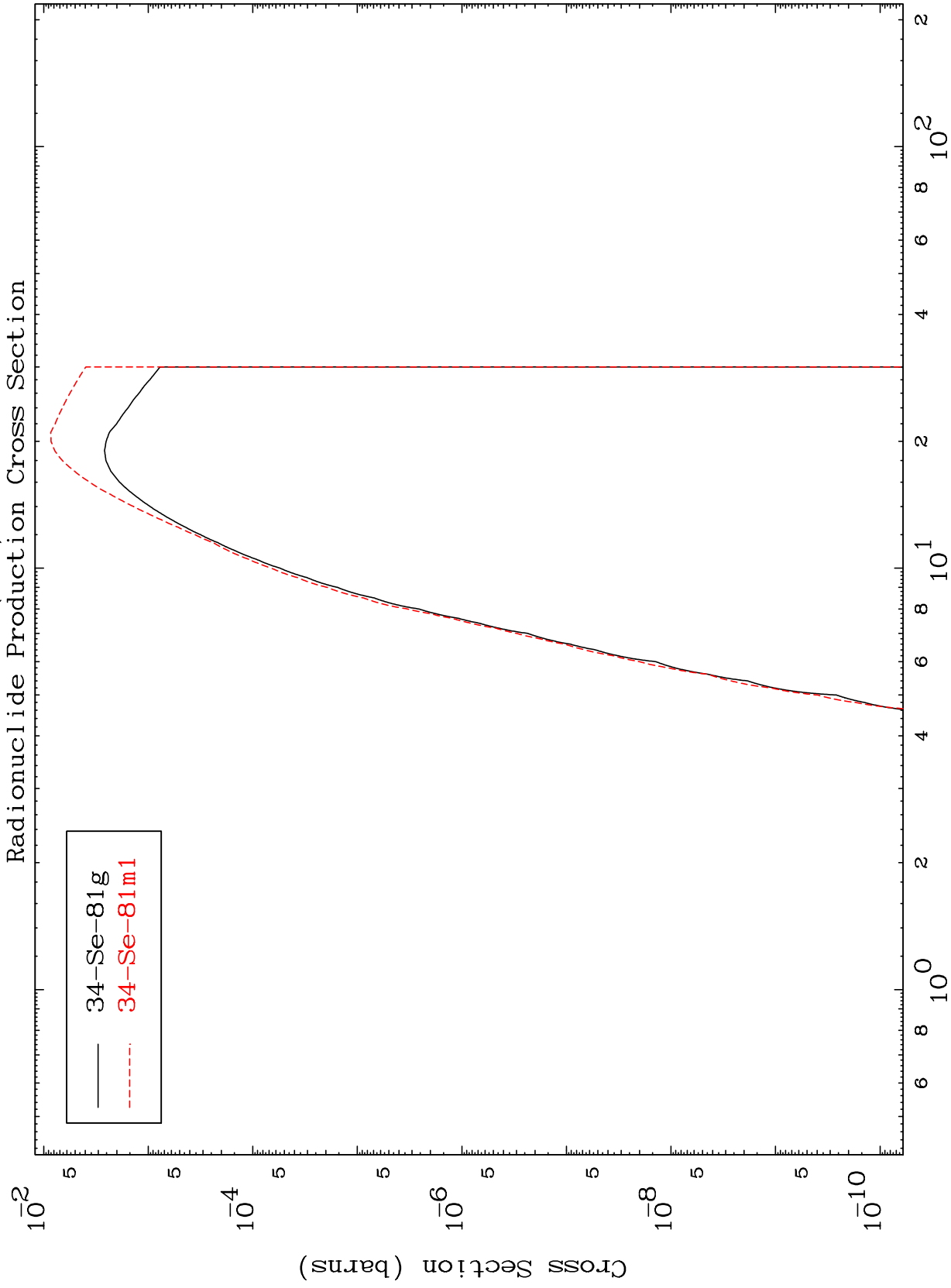
<sup>36</sup>Kr-84

(n, t)  
Radionuclide Production Cross Section



MAT 3643

36-Kr-84

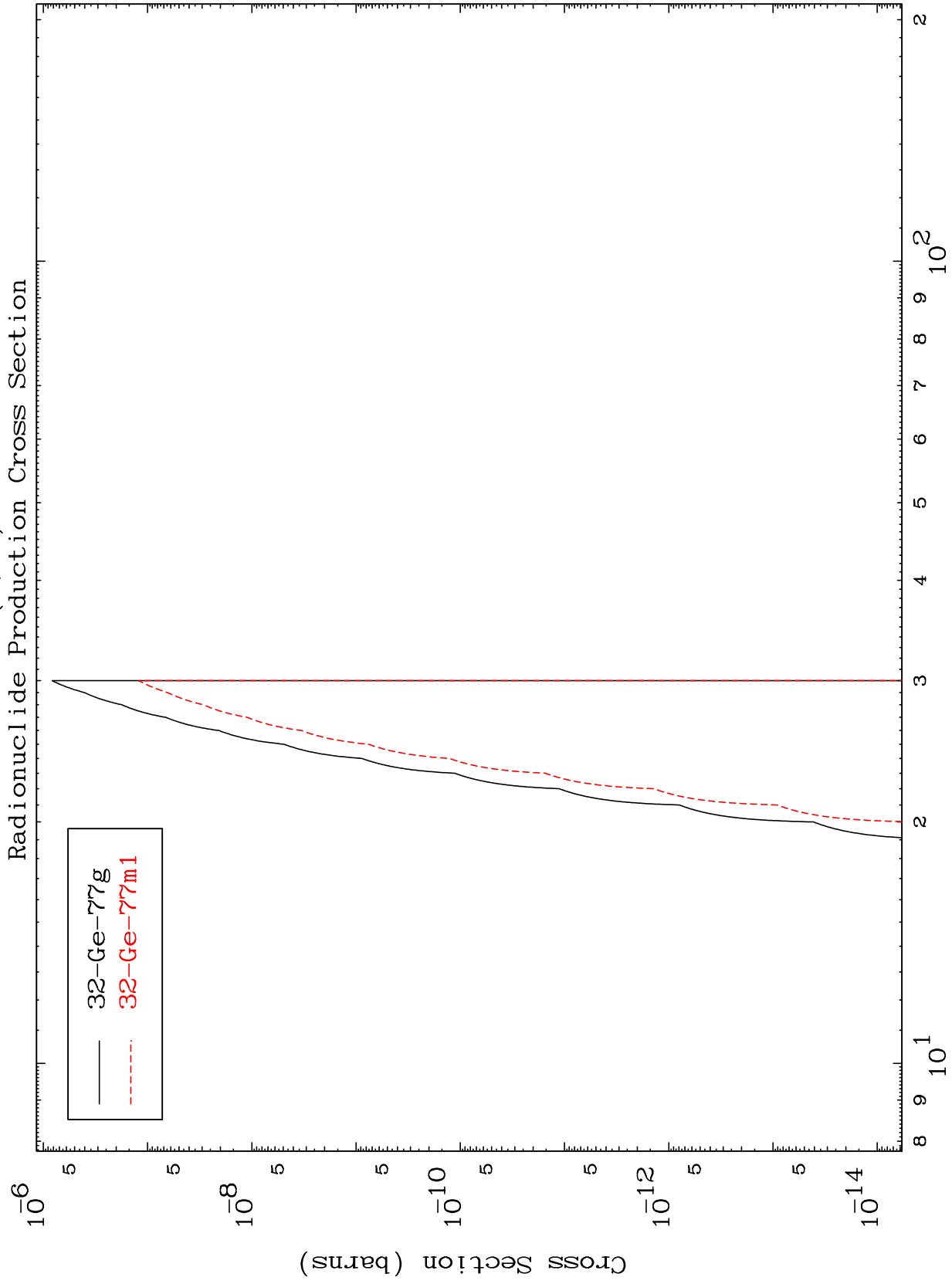


34-Se-81g  
34-Se-81m1

MAT 3643

36-Kr-84

Radionuclide Production Cross Section



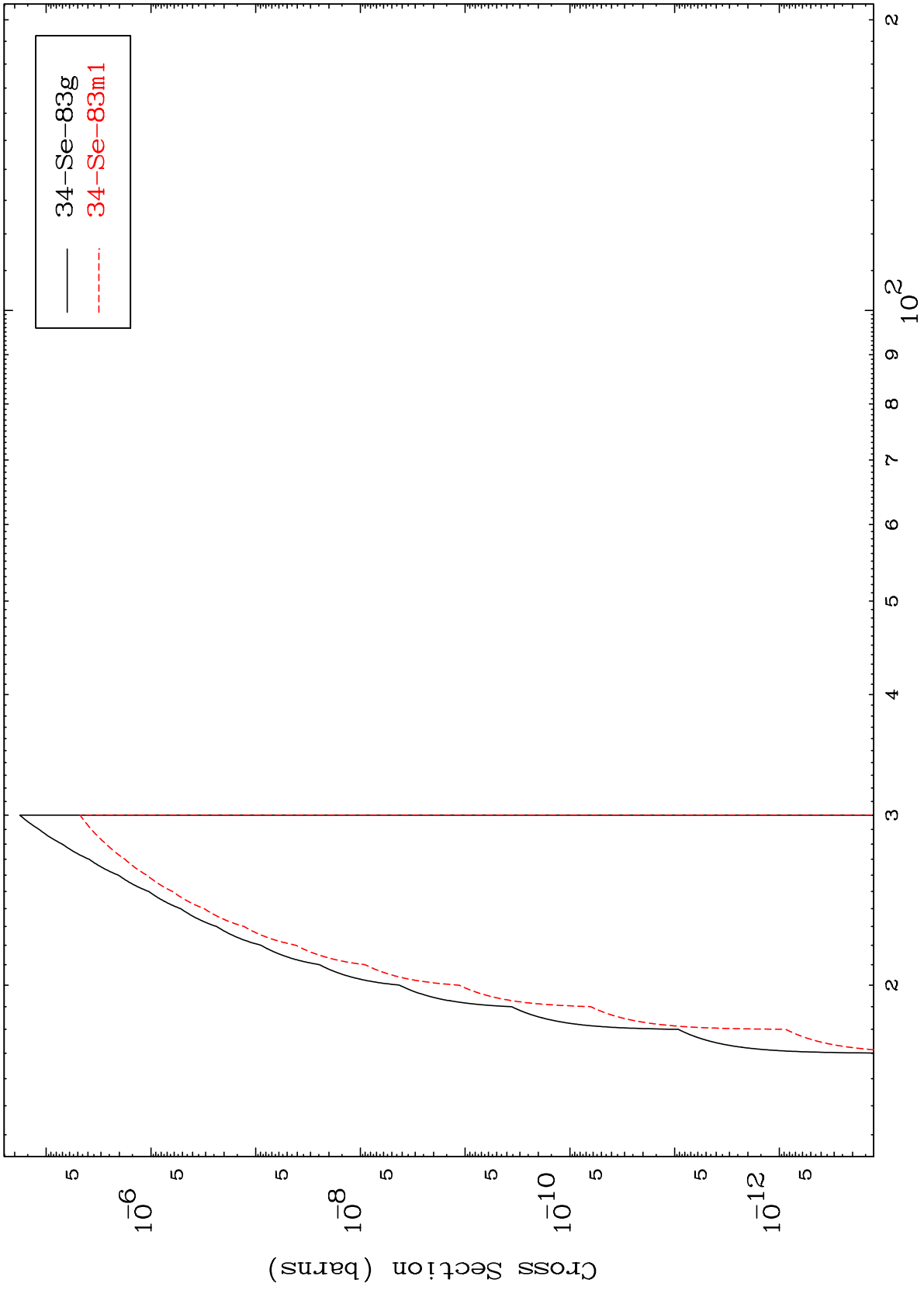
131

36-Kr-84

MAT 3643

36-Kr-84

(n,2p)  
Radionuclide Production Cross Section



132

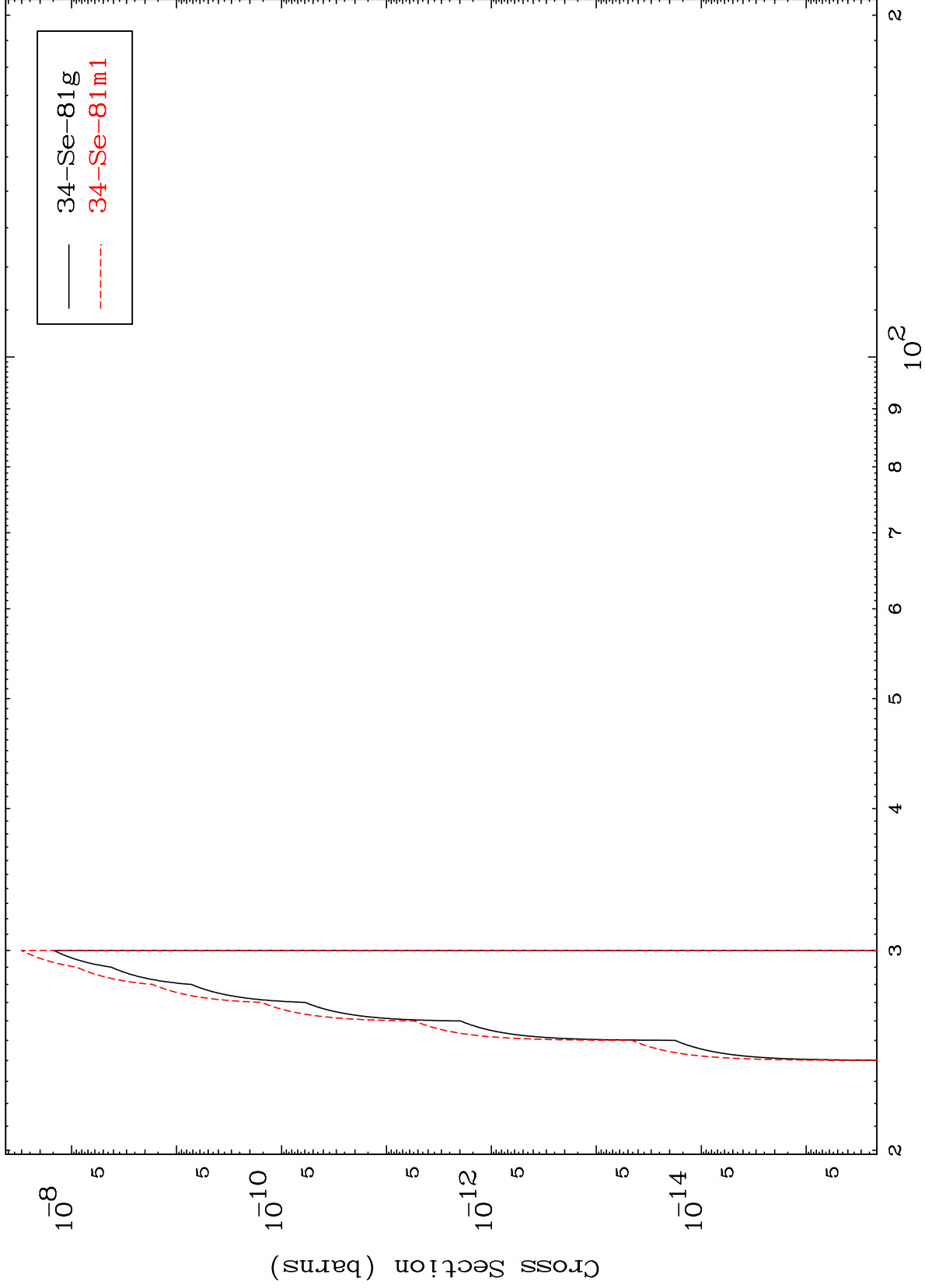
36-Kr-84

MAT 3643

(n,p) t

36-Kr-84

Radionuclide Production Cross Section



133

Incident Energy (MeV)

36-Kr-84