

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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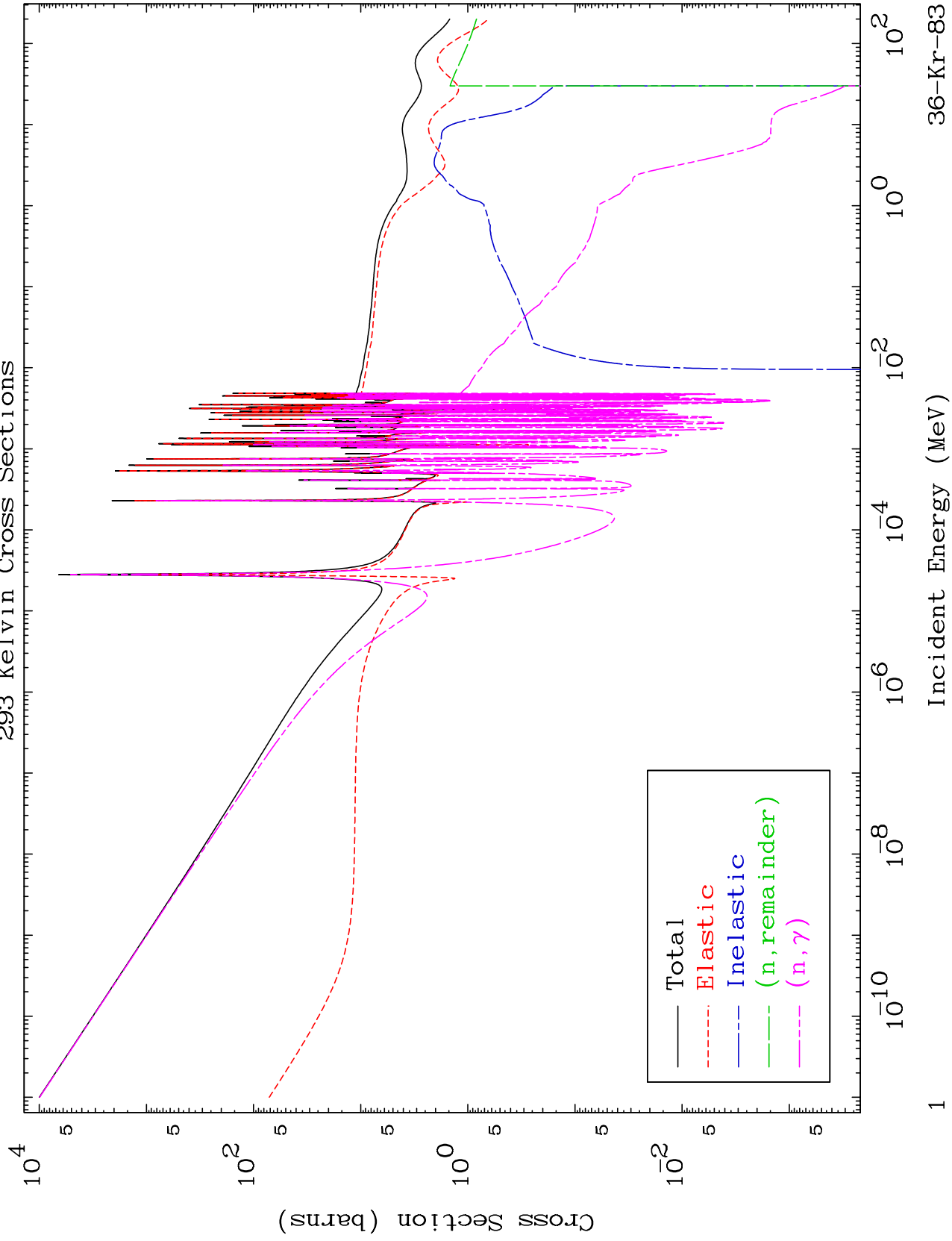
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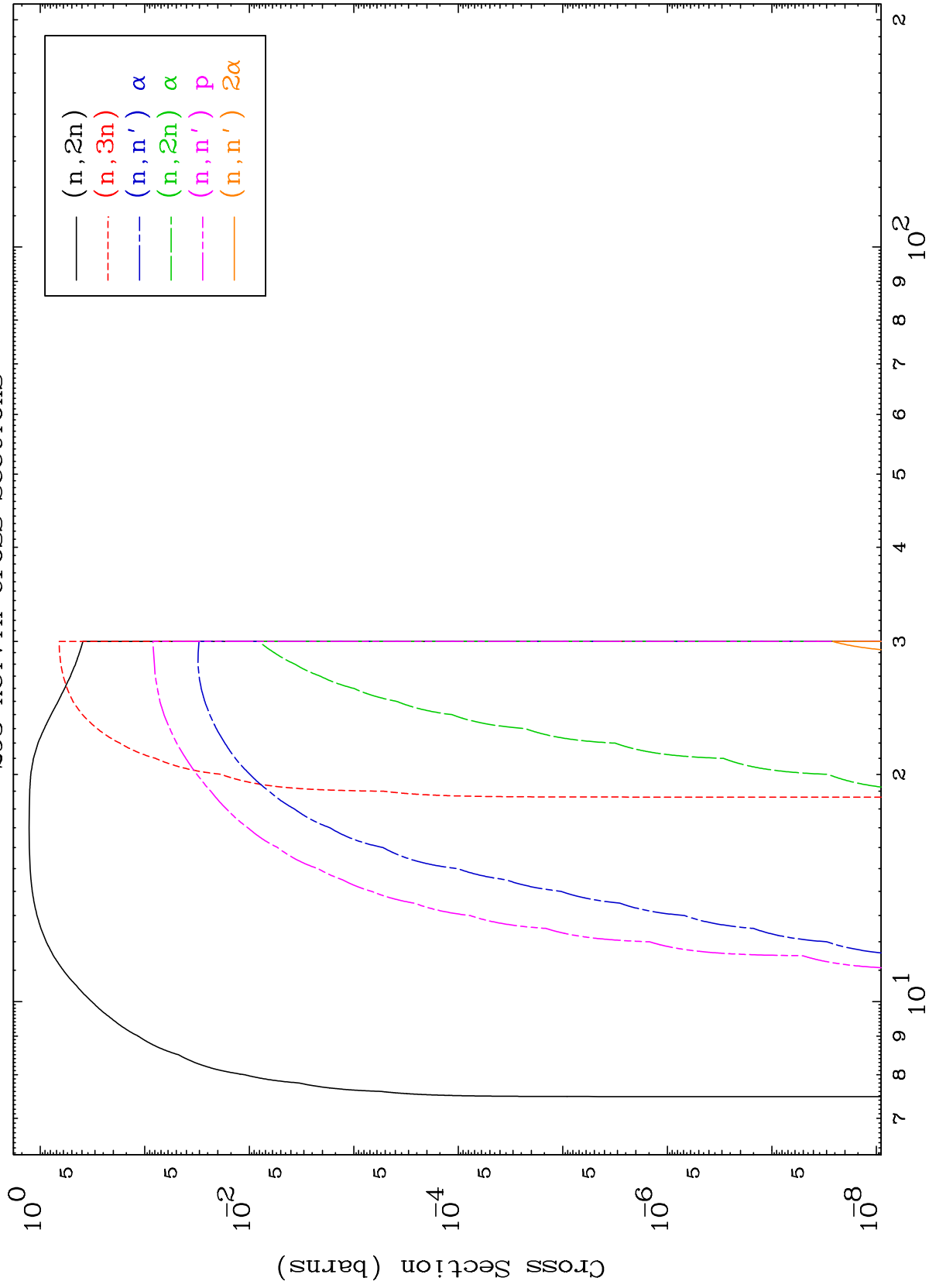
MAT 3640

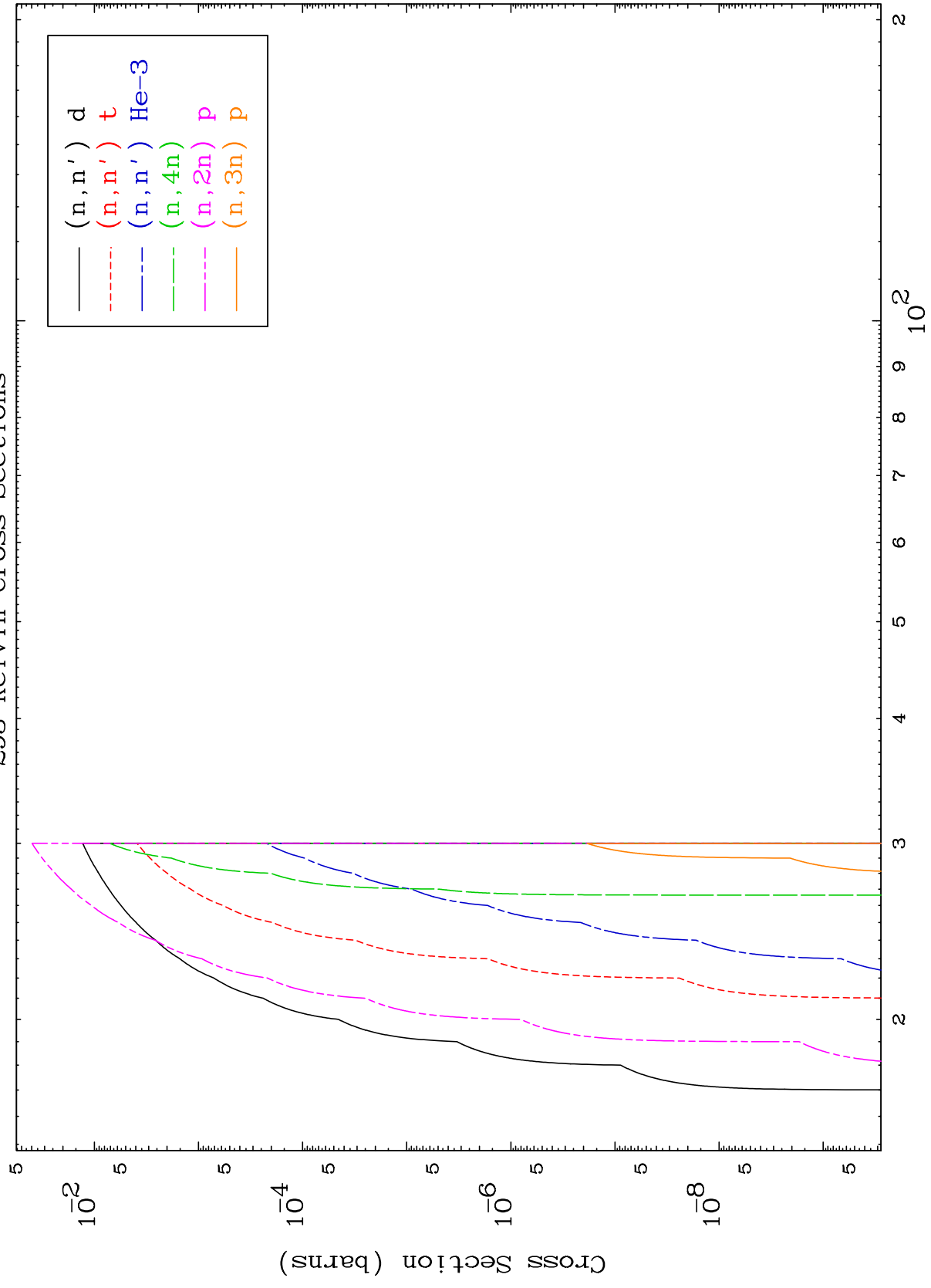
Major

293 Kelvin Cross Sections

36-Kr-83



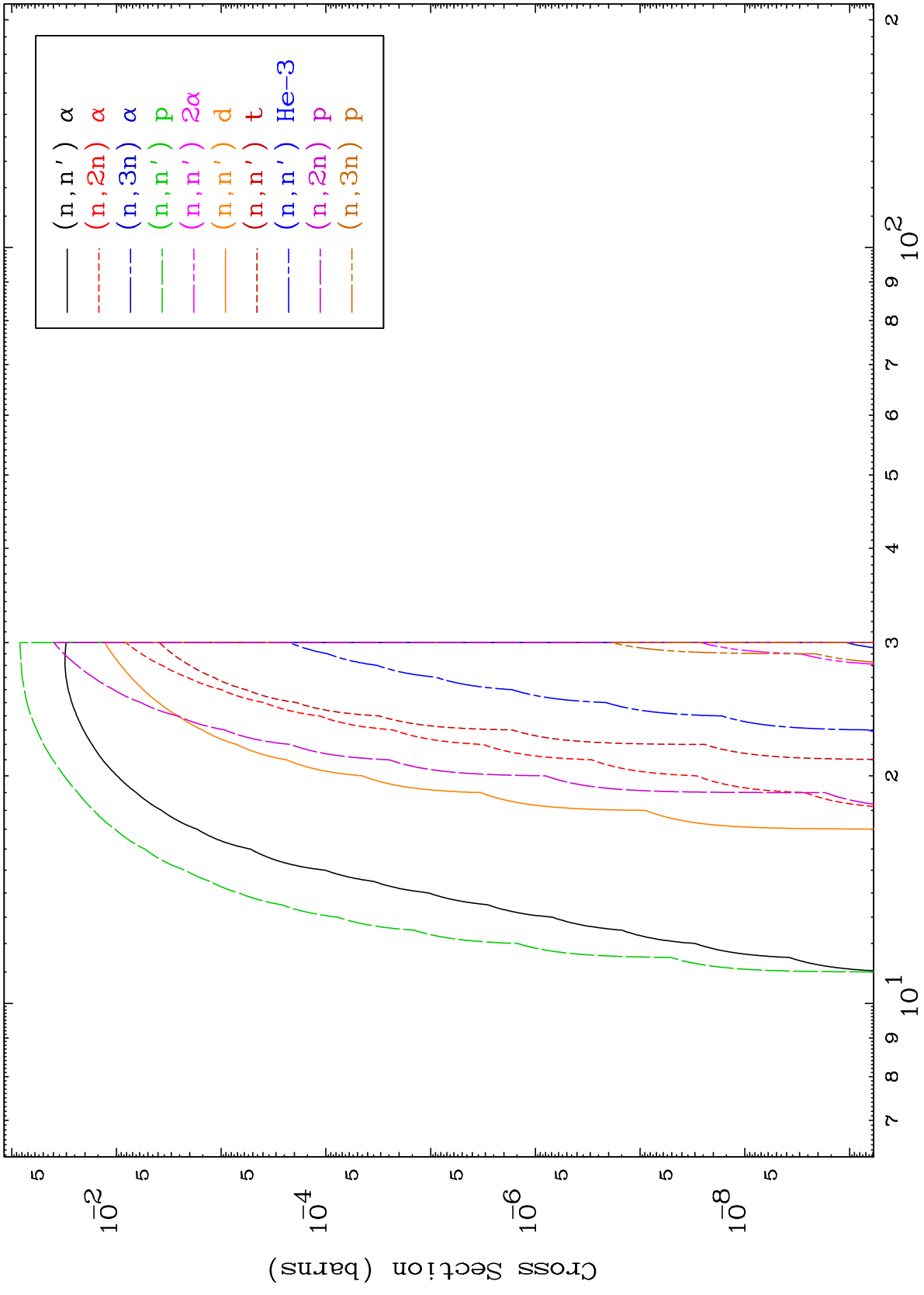




MAT 3640

Charged Particle  
293 Kelvin Cross Sections

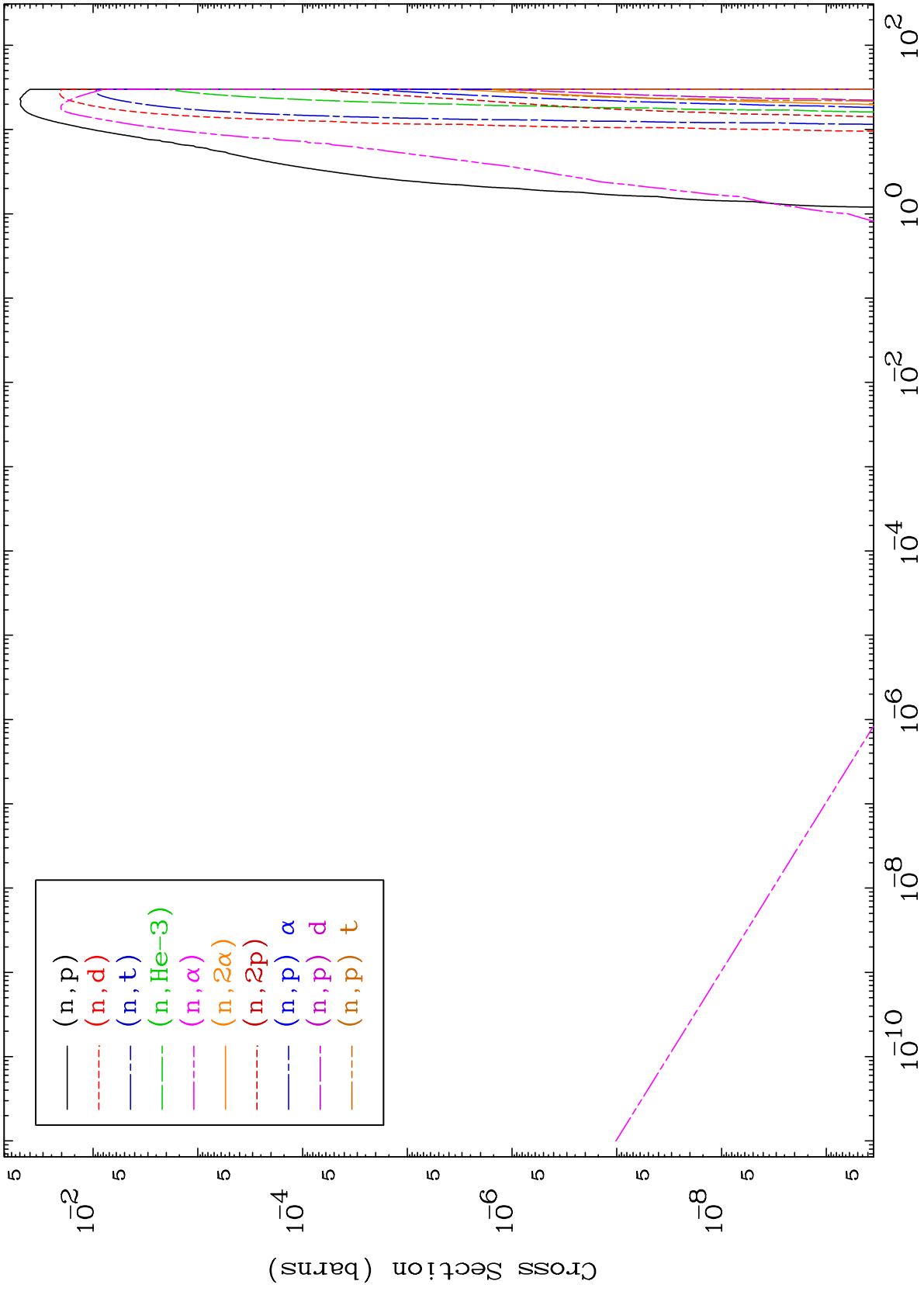
36-Kr-83



MAT 3640

Charged Particle  
293 Kelvin Cross Sections

36-Kr-83



5

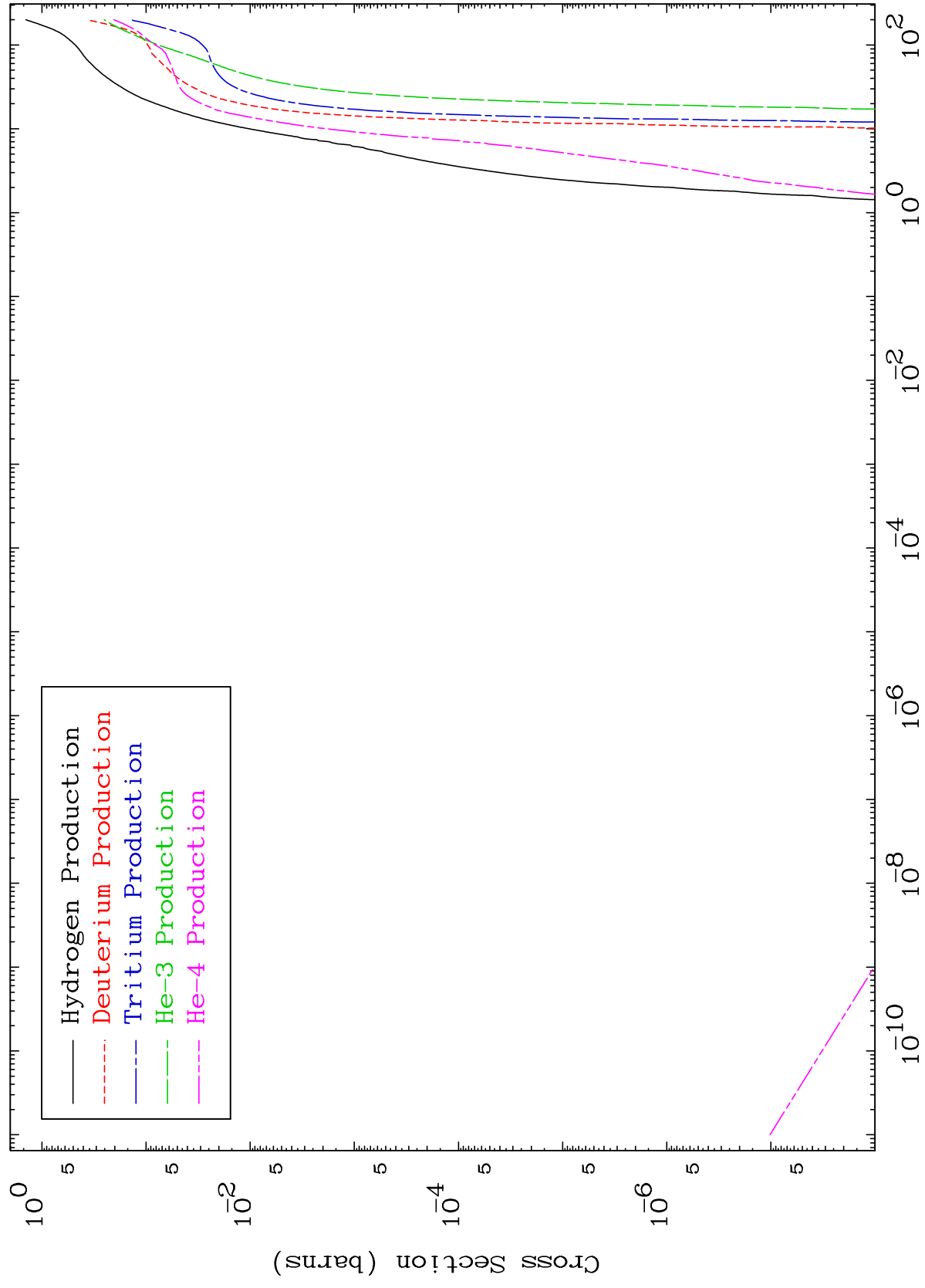
Incident Energy (MeV)

36-Kr-83

MAT 3640

Particle Production  
293 Kelvin Cross Sections

36-Kr-83



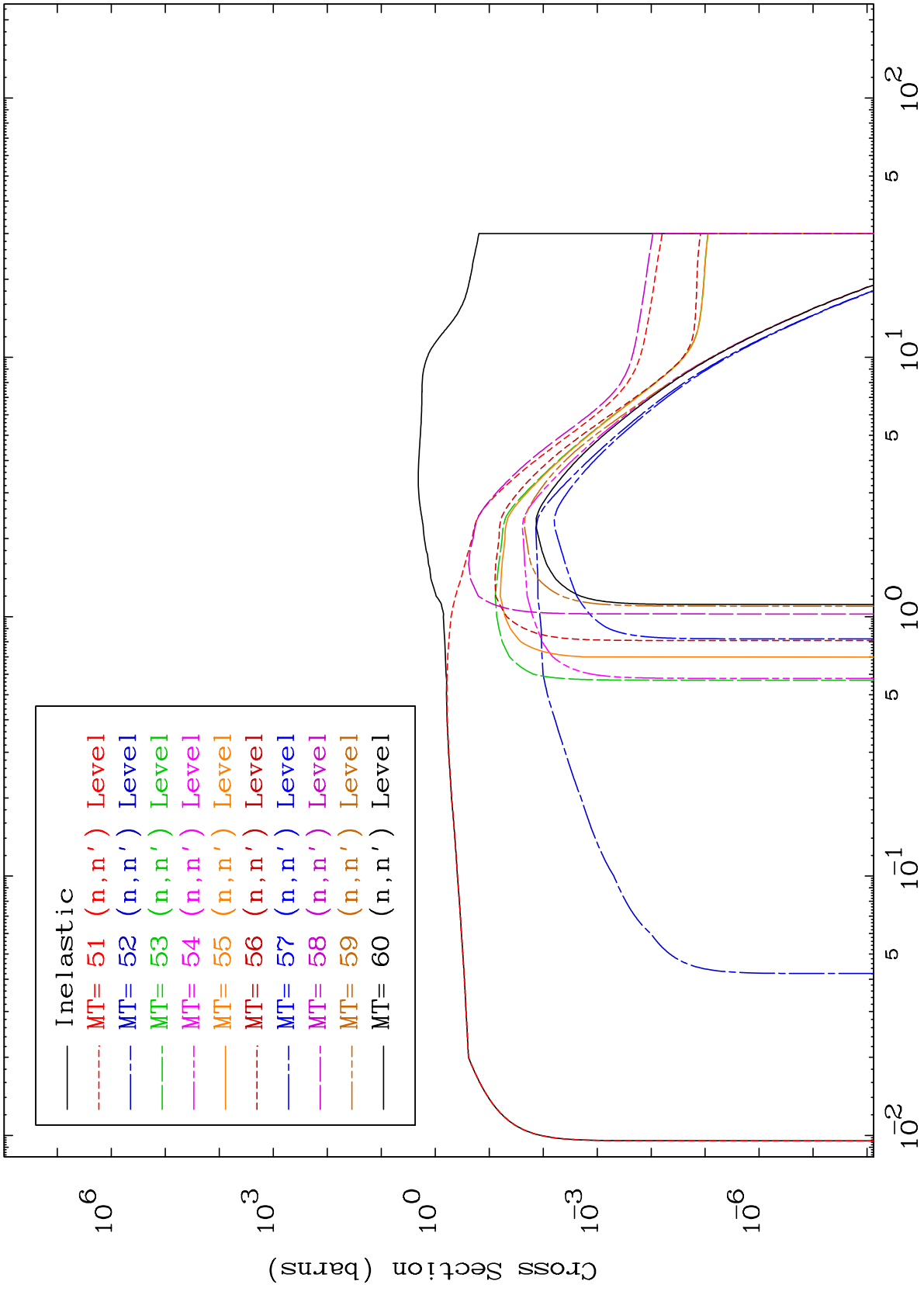
6

36-Kr-83

MAT 3640

(n,n') Level  
293 Kelvin Cross Sections

36-Kr-83



36-Kr-83

Incident Energy (MeV)

7

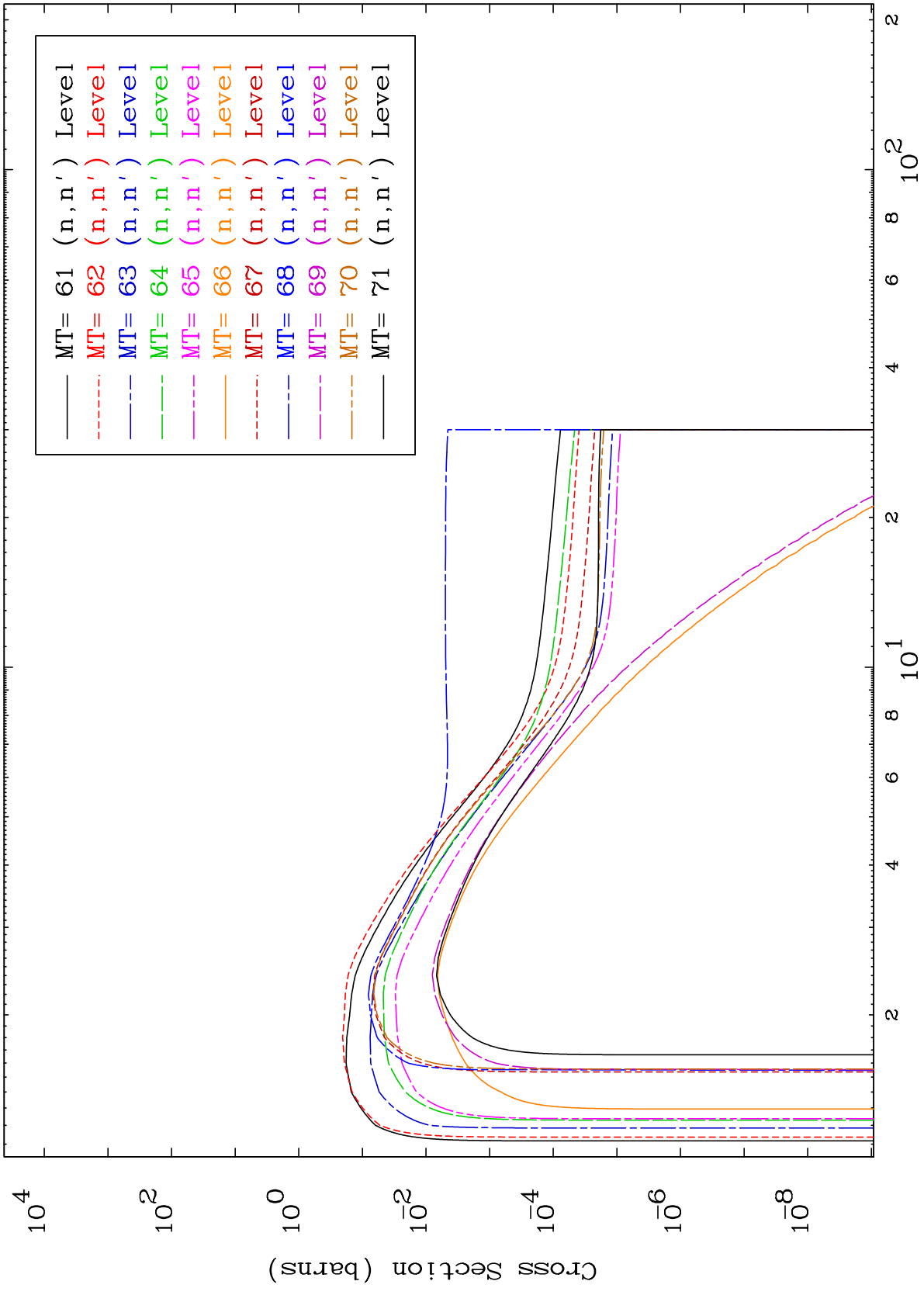


MAT 3640

(n,n') Level

36-Kr-83

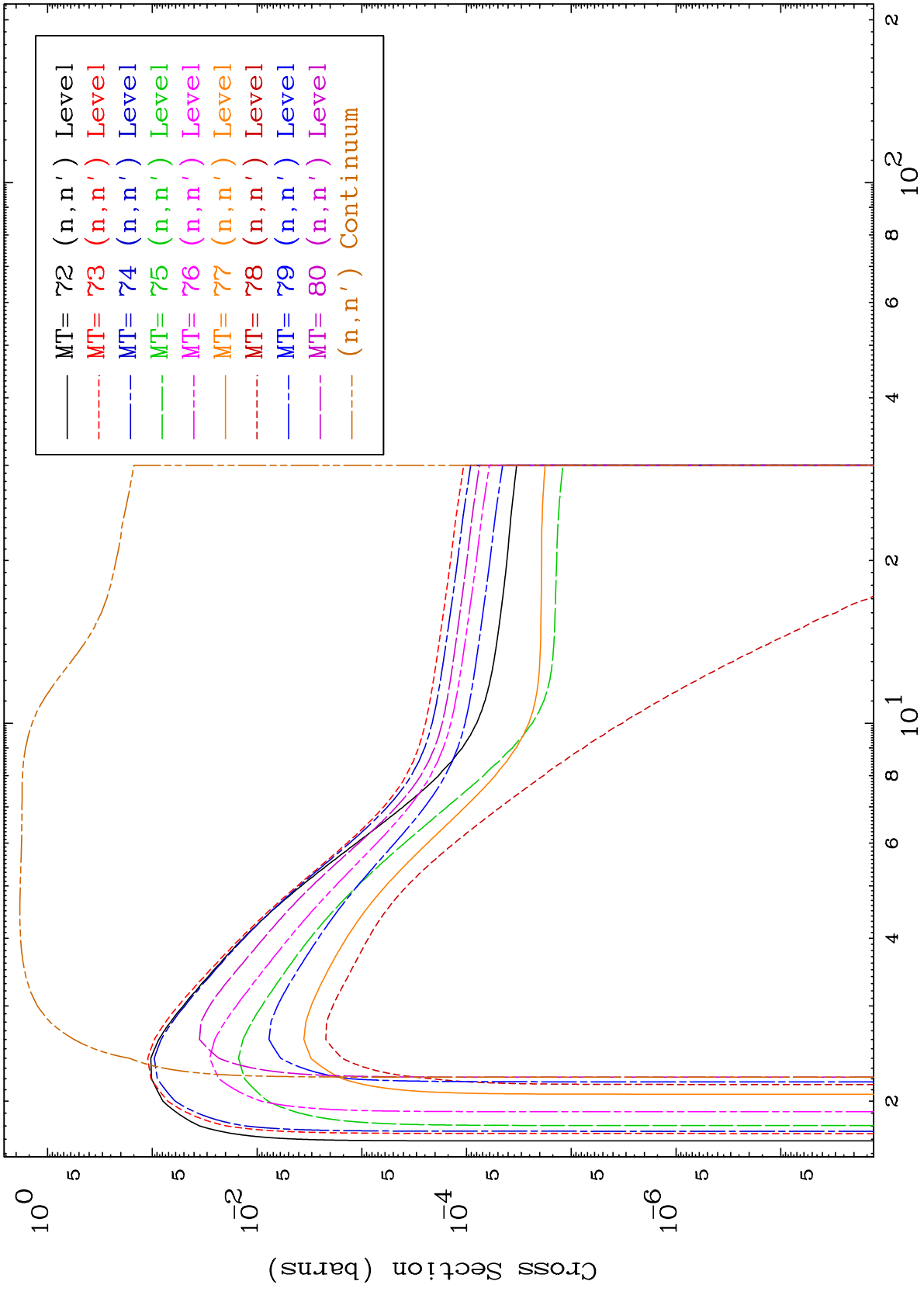
293 Kelvin Cross Sections



8

Incident Energy (MeV)

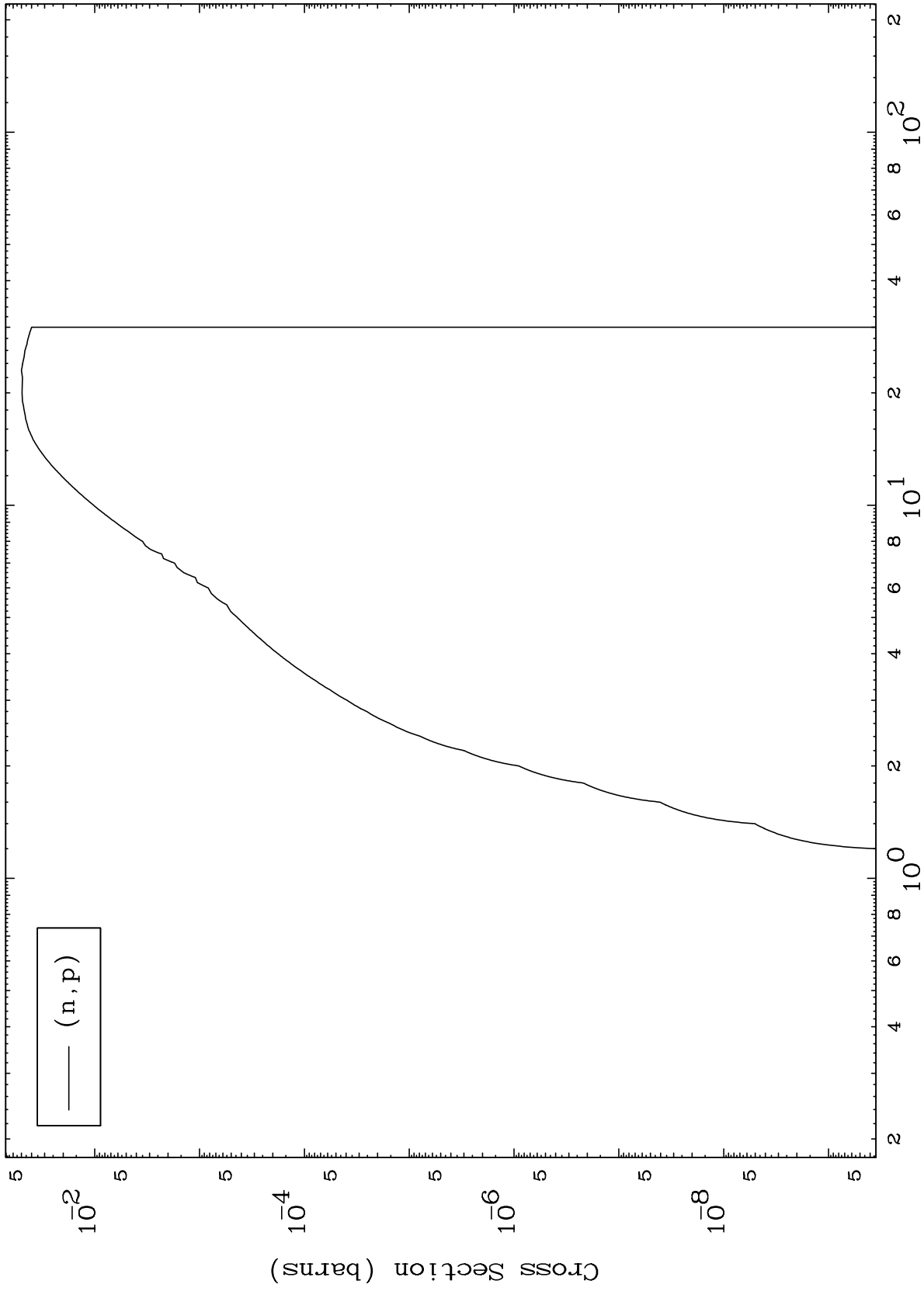
36-Kr-83



MAT 3640

(n,p) Levels  
293 Kelvin Cross Sections

36-Kr-83



10

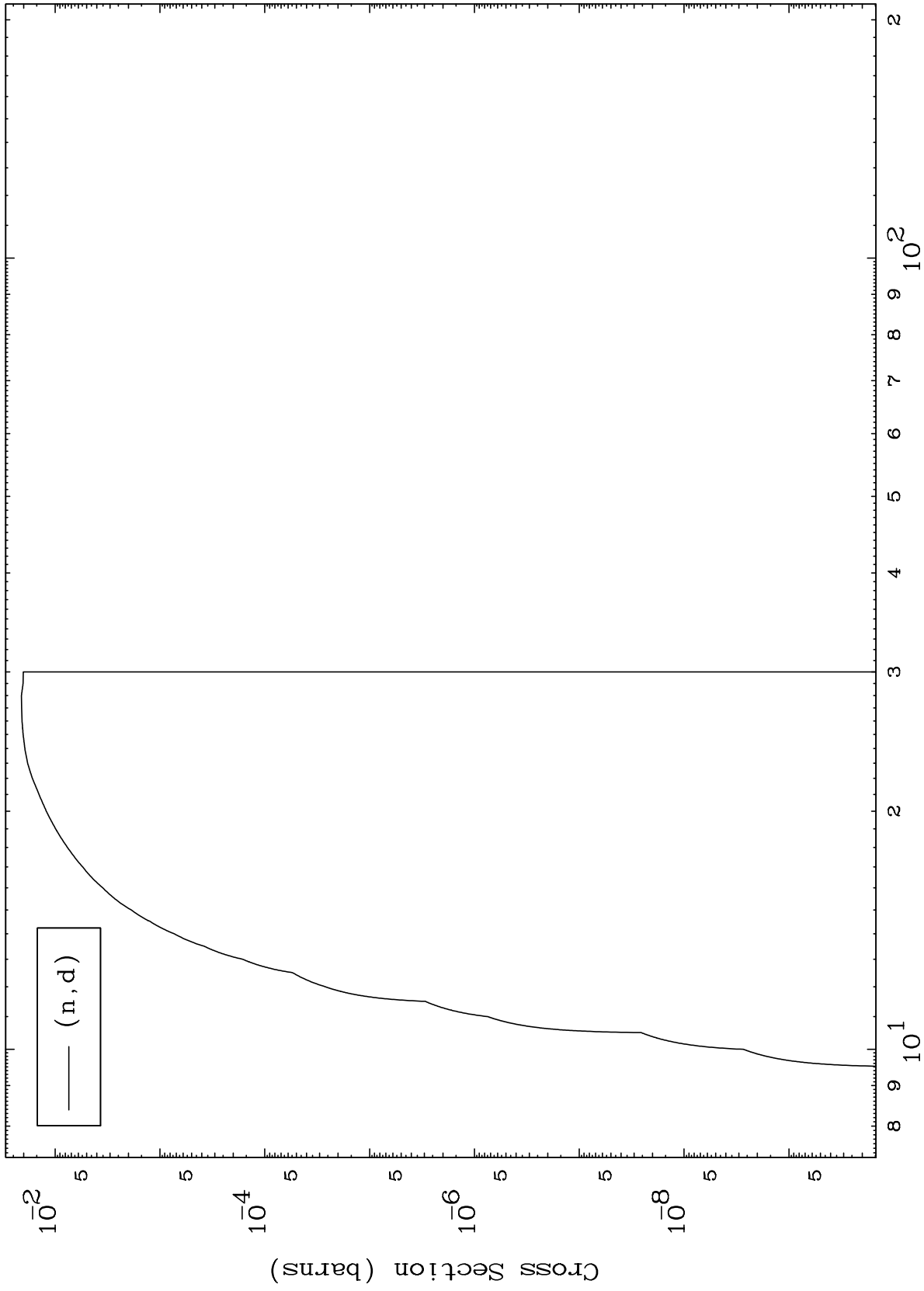
Incident Energy (MeV)

36-Kr-83

MAT 3640

(n,d) Levels  
293 Kelvin Cross Sections

36-Kr-83



11

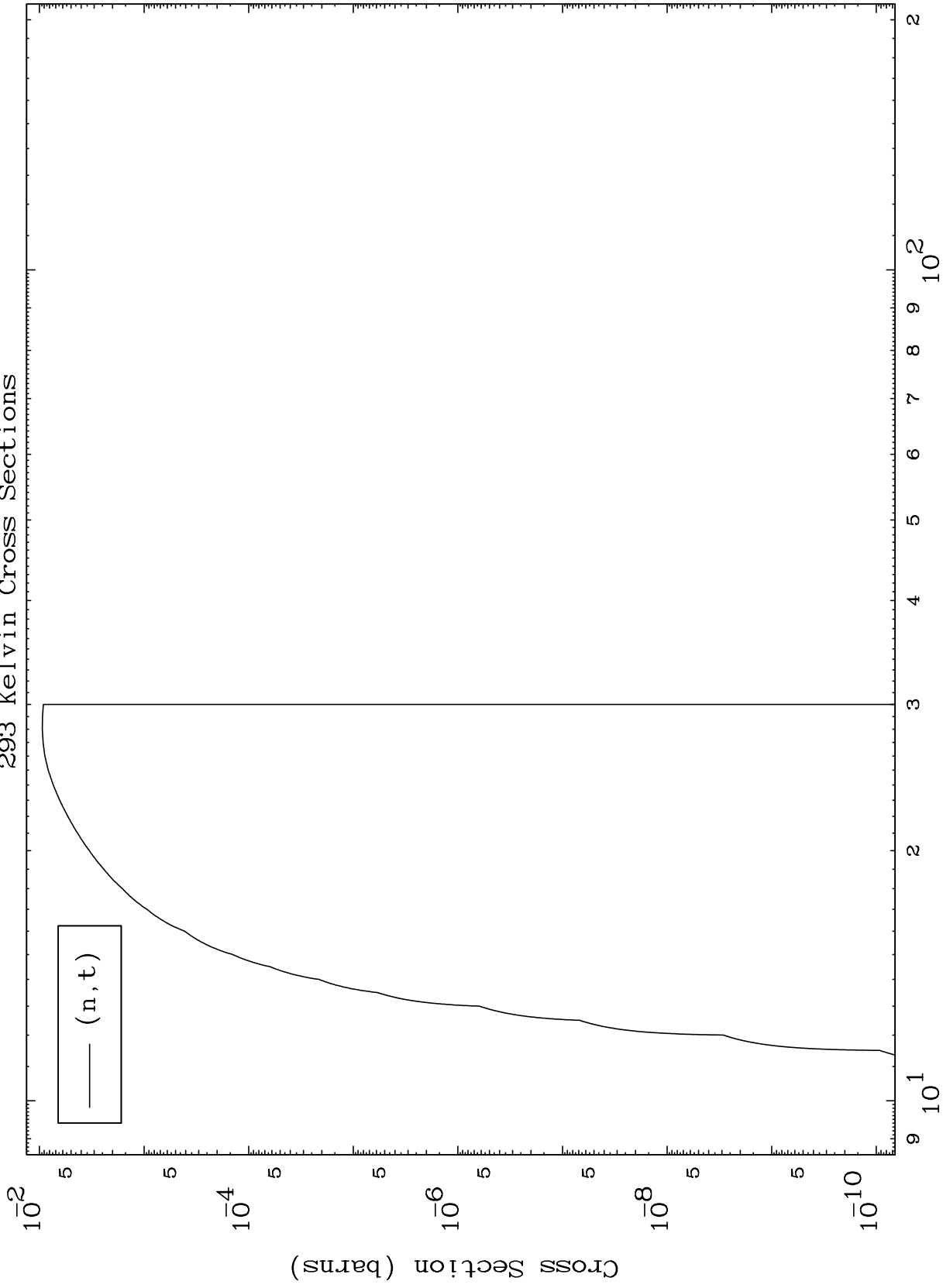
Incident Energy (MeV)

36-Kr-83

MAT 3640

36-Kr-83

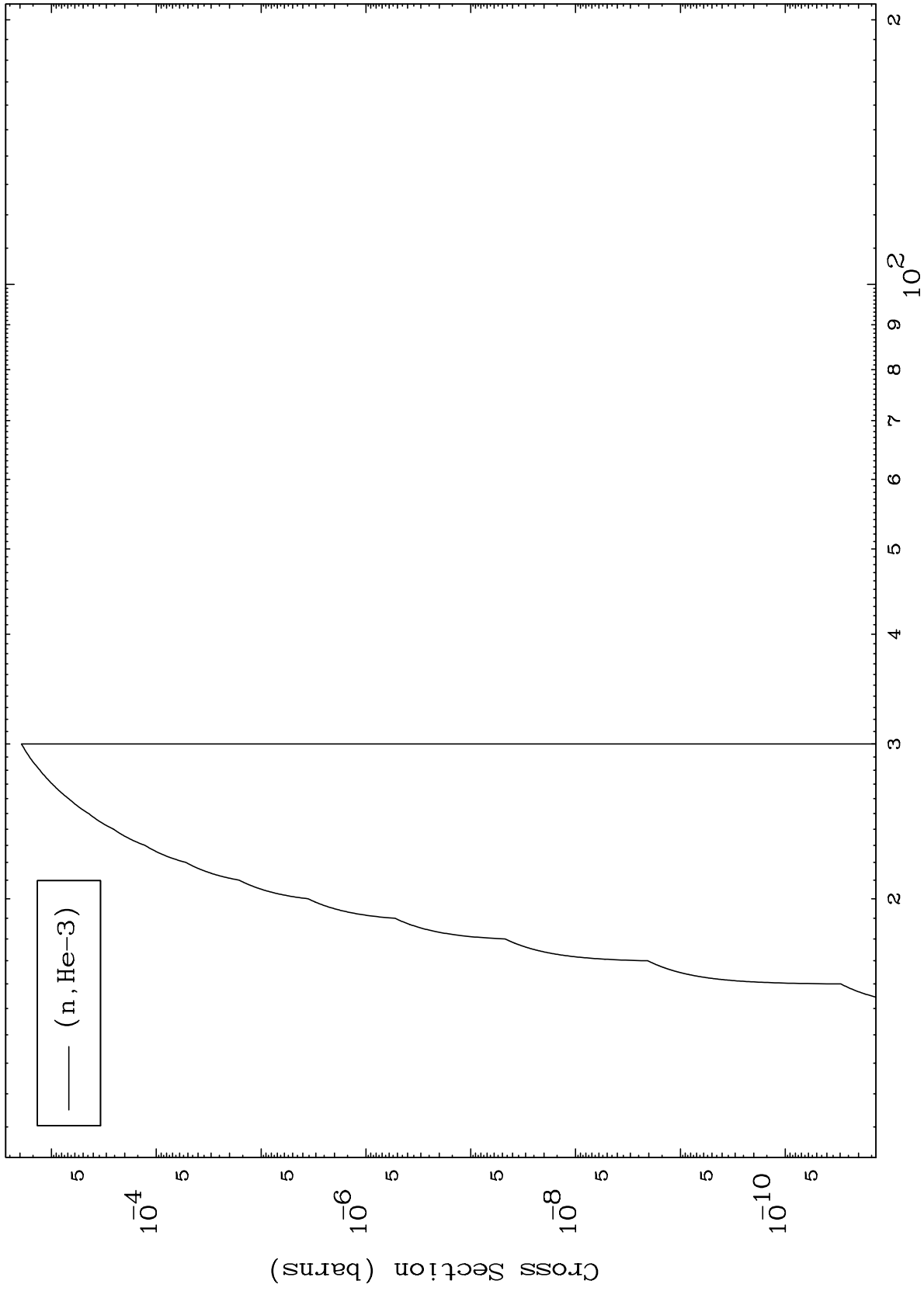
(n,t) Levels  
293 Kelvin Cross Sections



12

Incident Energy (MeV)

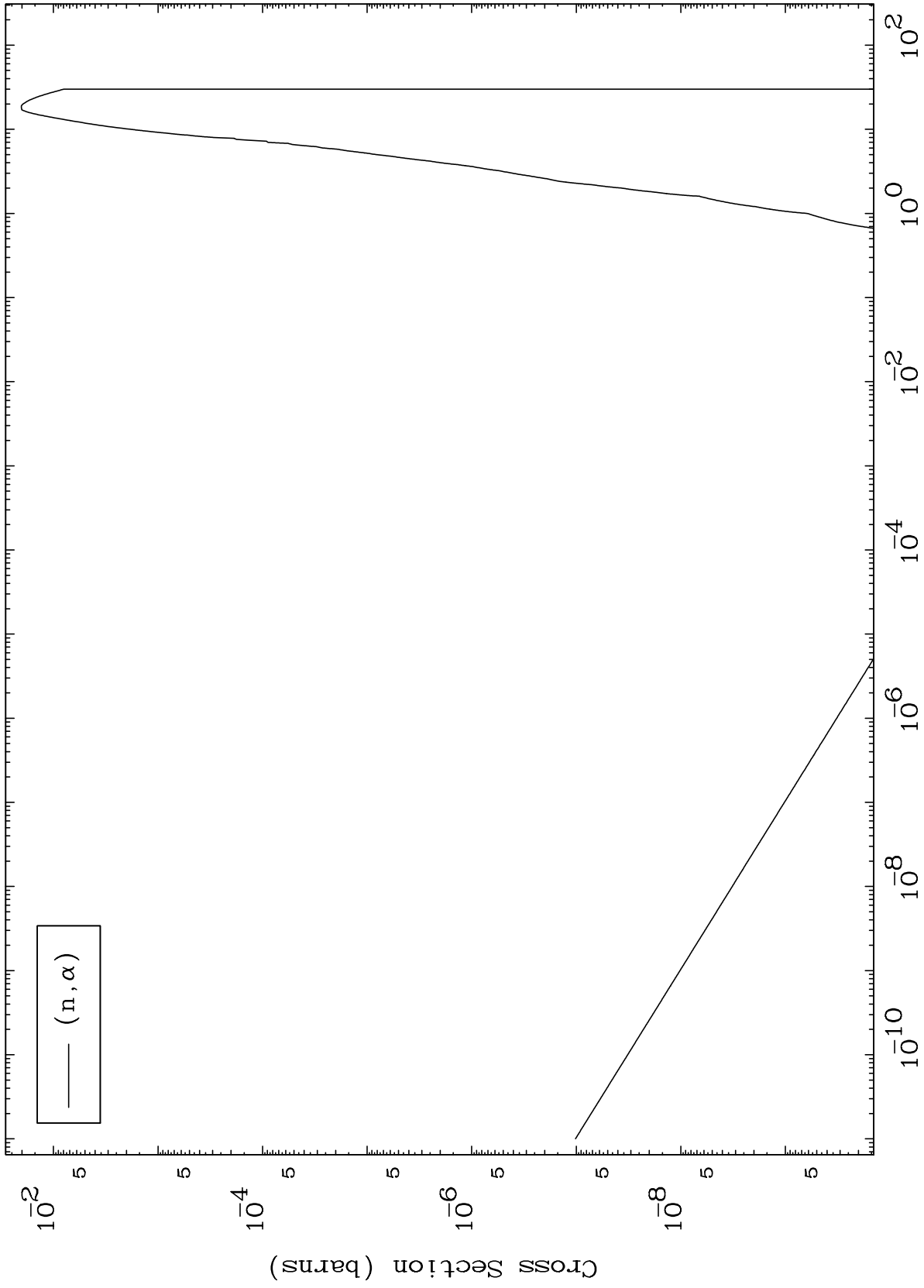
36-Kr-83

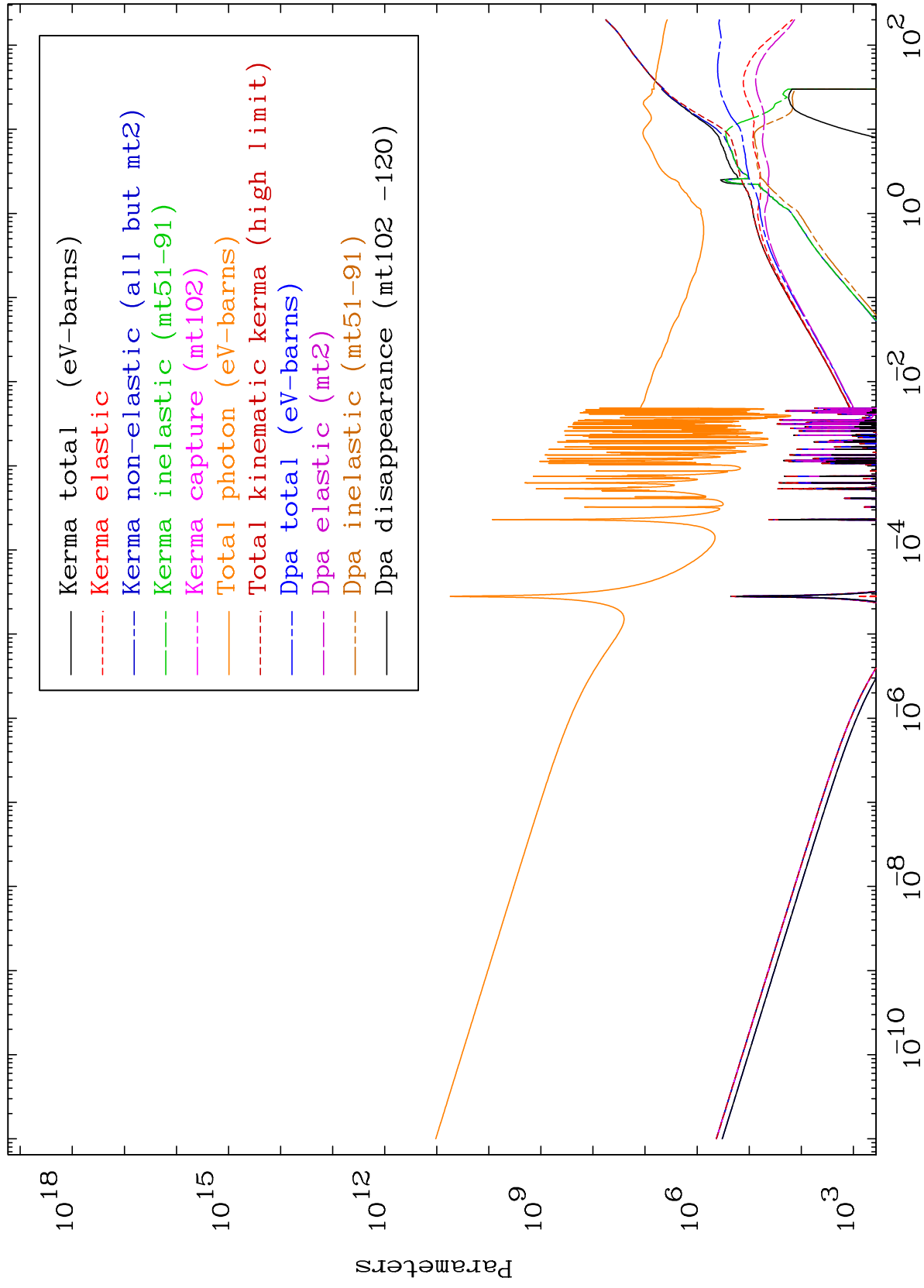


MAT 3640

(n,α) Levels  
293 Kelvin Cross Sections

36-Kr-83







MAT 3640

Elastic Legendre Coefficients

<sup>36</sup>Kr-83



16

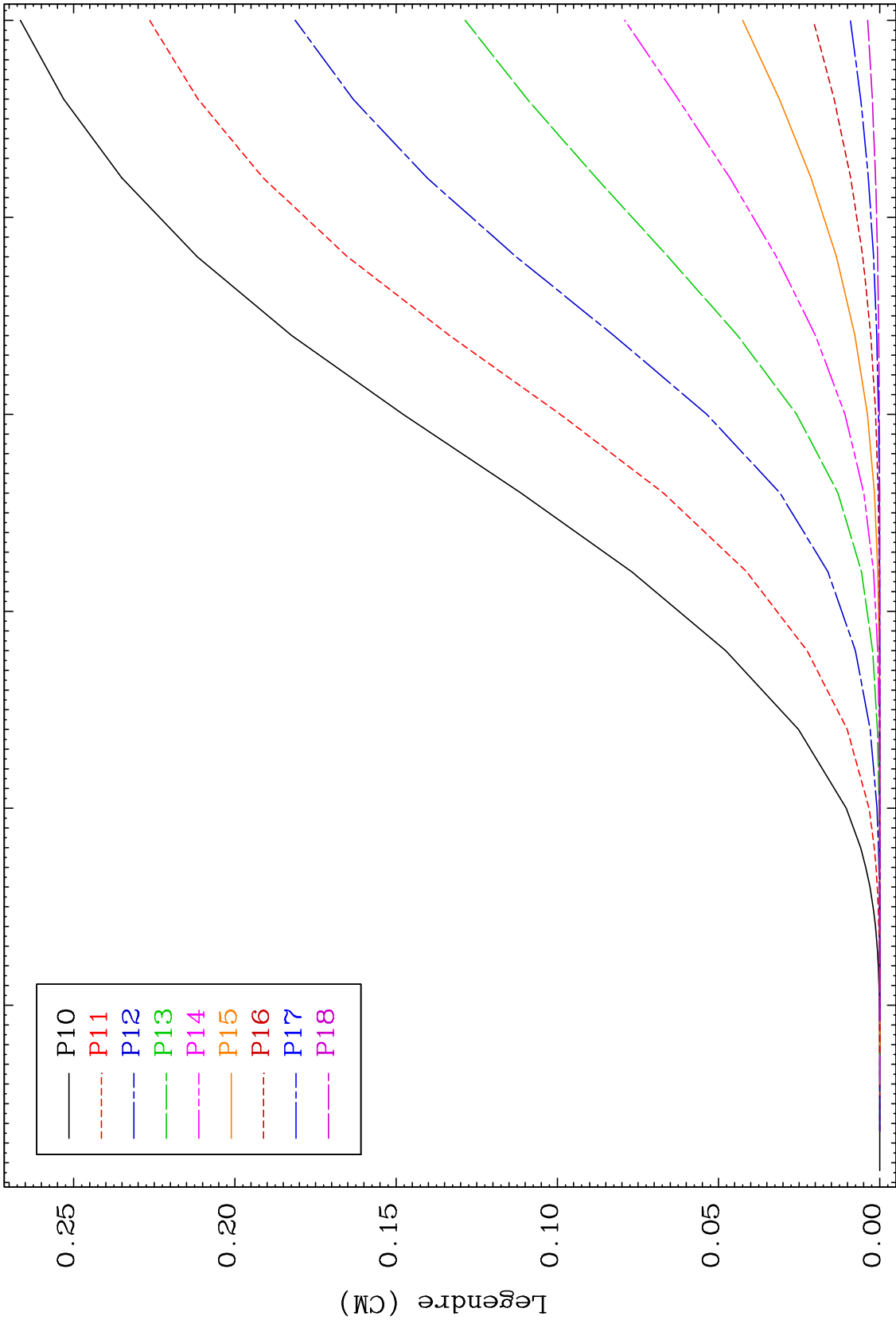
Incident Energy (MeV)

<sup>36</sup>Kr-83

MAT 3640

Elastic Legendre Coefficients

36-Kr-83



17

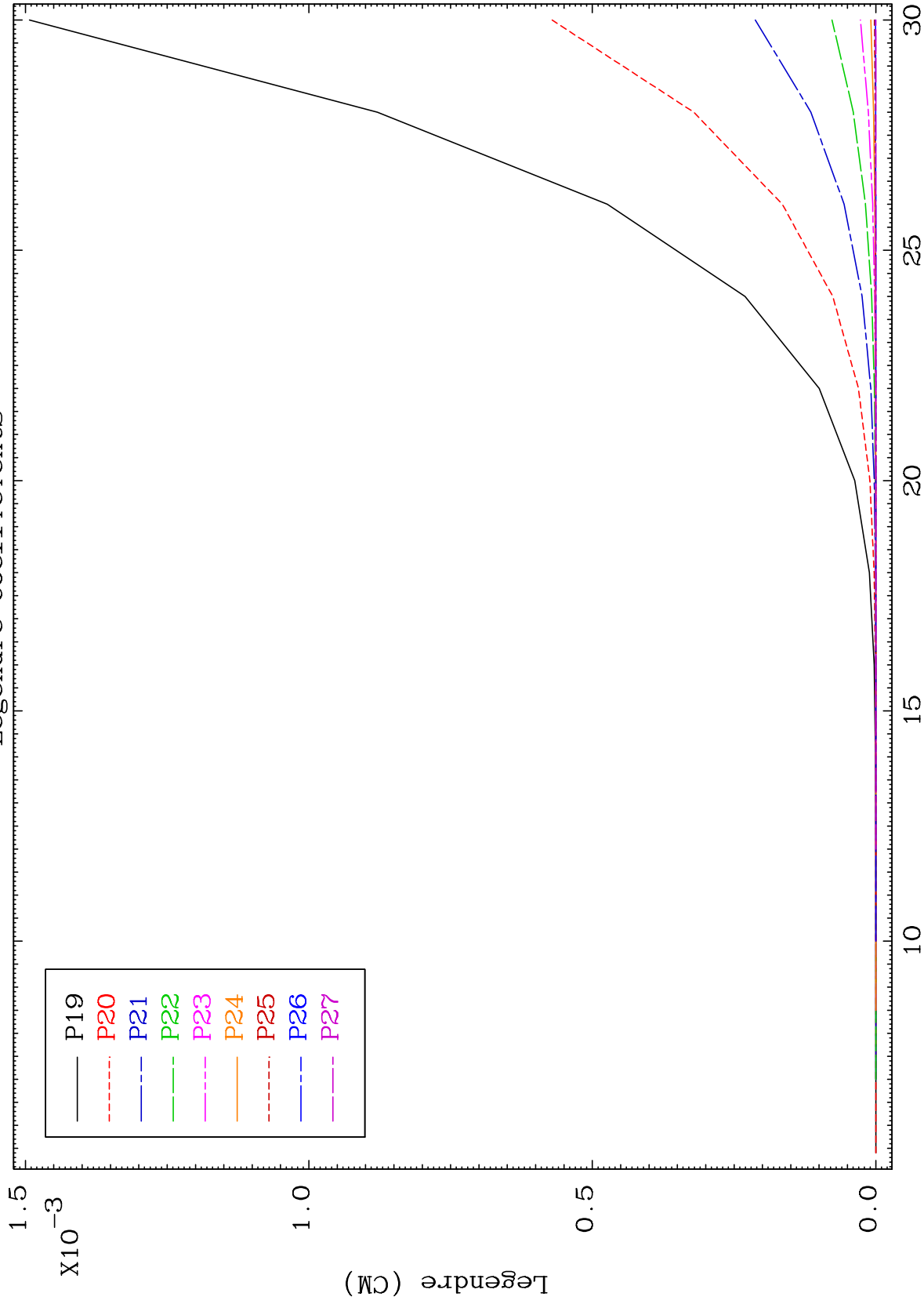
Incident Energy (MeV)

36-Kr-83

MAT 3640

### Elastic Legendre Coefficients

36-Kr-83



18

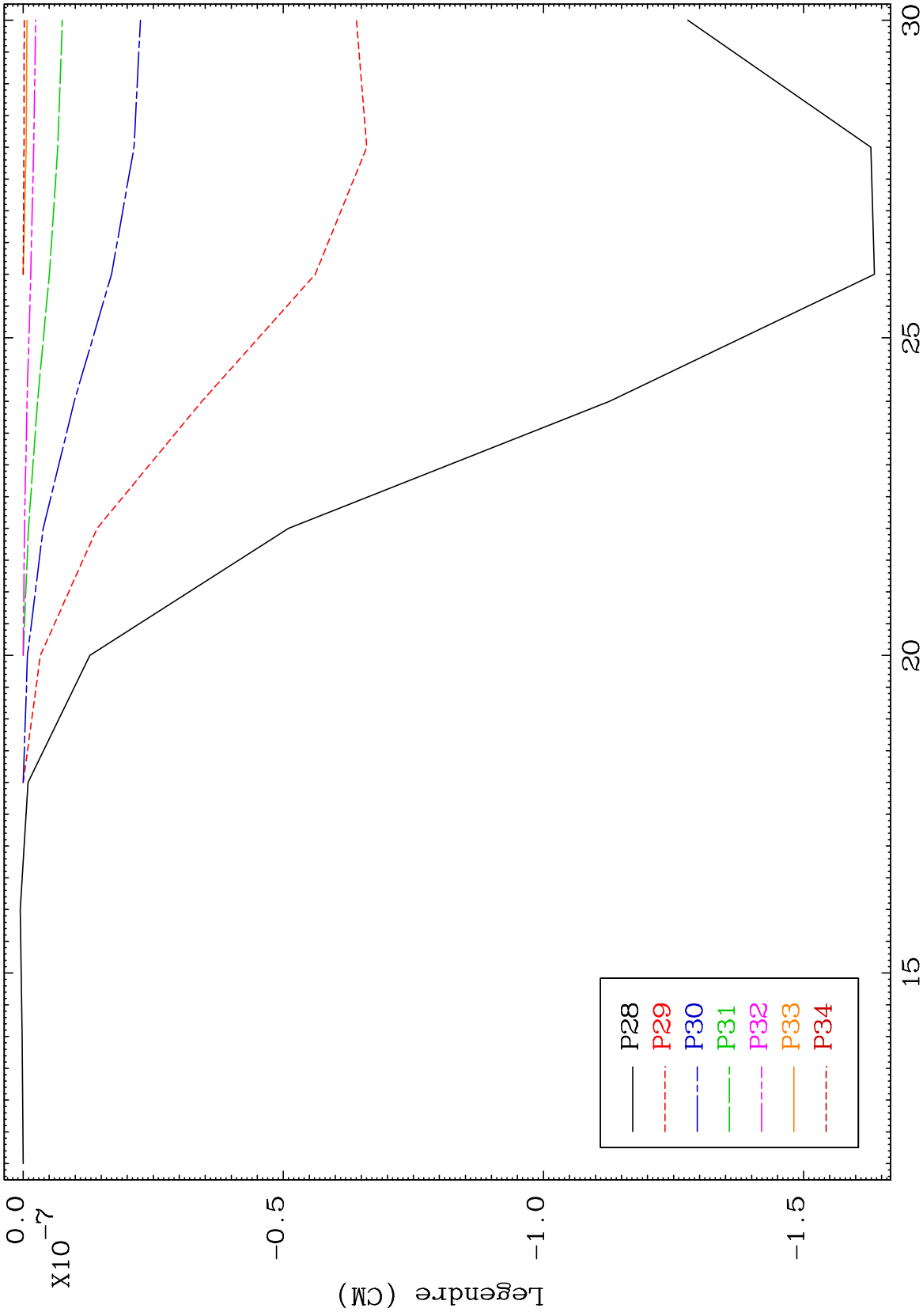
Incident Energy (MeV)

36-Kr-83

MAT 3640

36-Kr-83

Elastic Legendre Coefficients



19

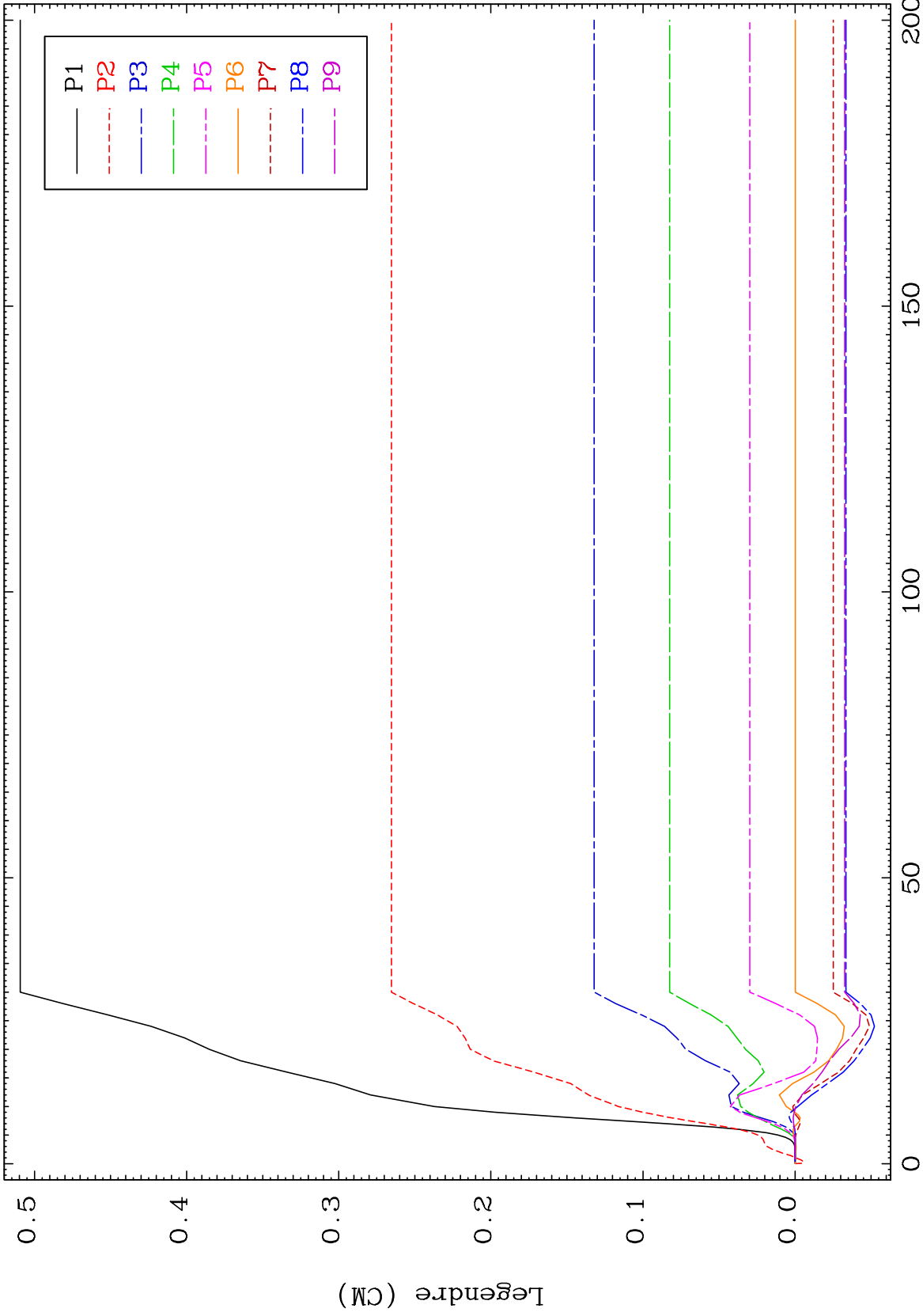
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



36-Kr-83

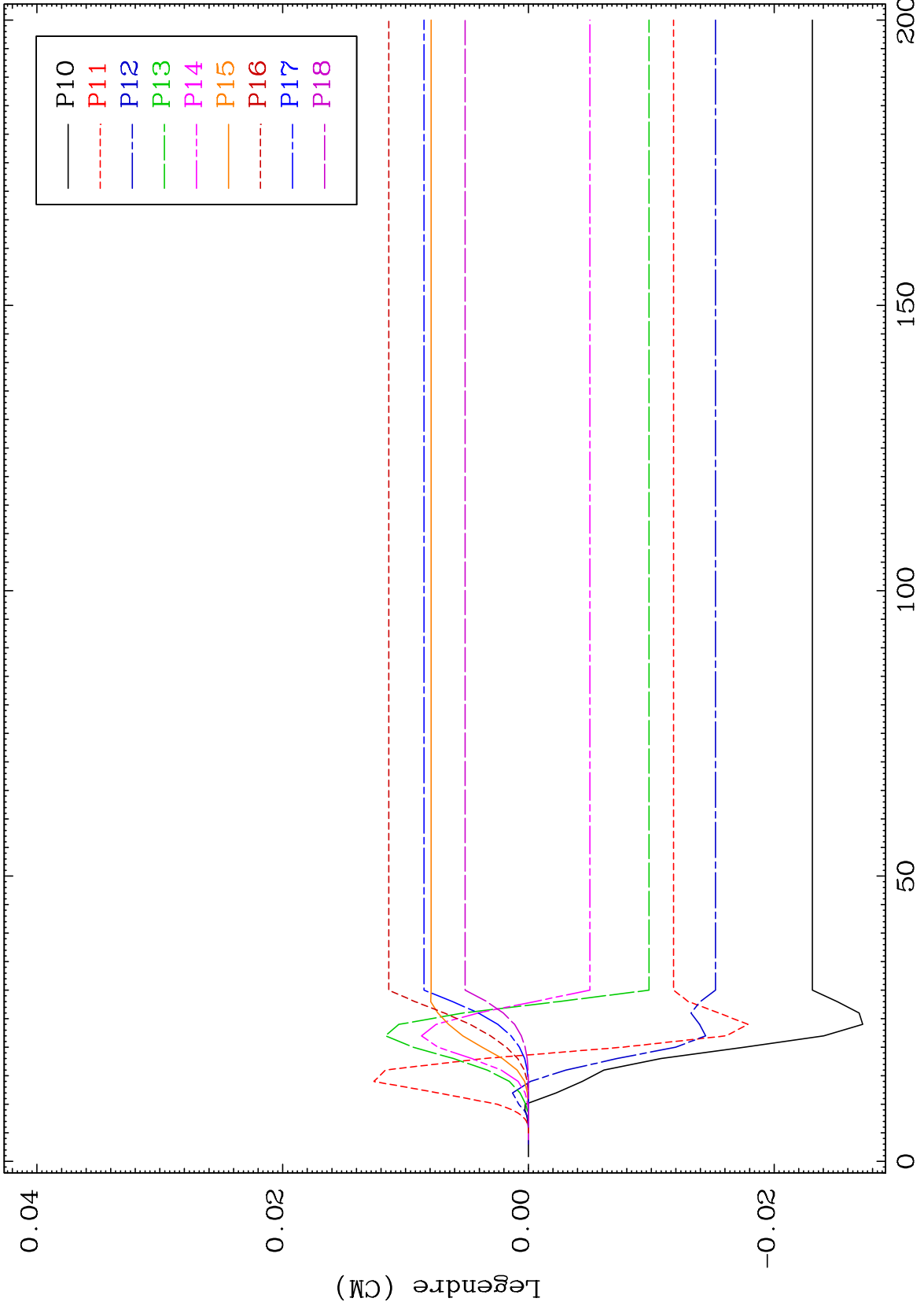
Incident Energy (MeV)

Legendre (CM)

MAT 3640

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

36-Kr-83



21

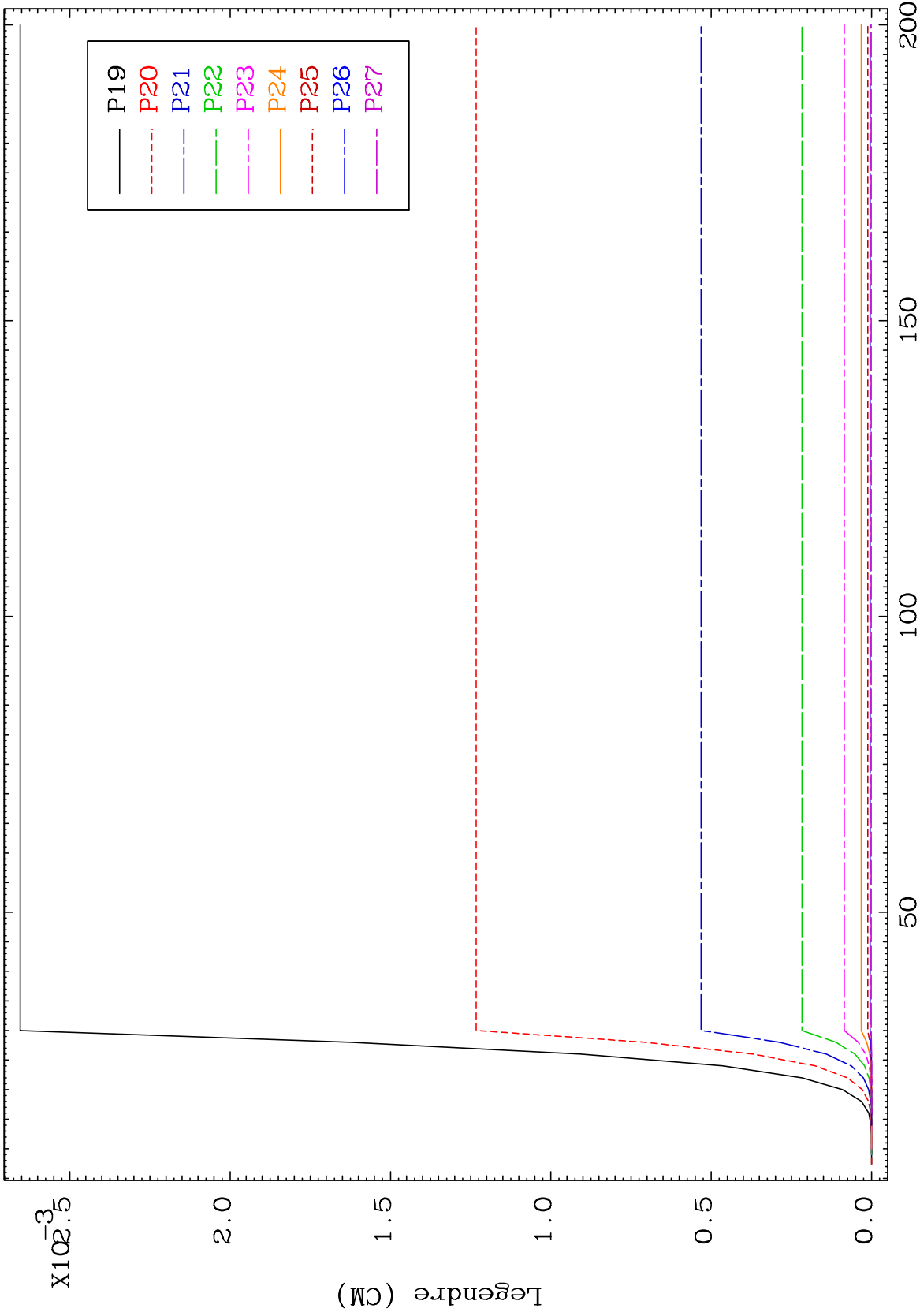
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



22

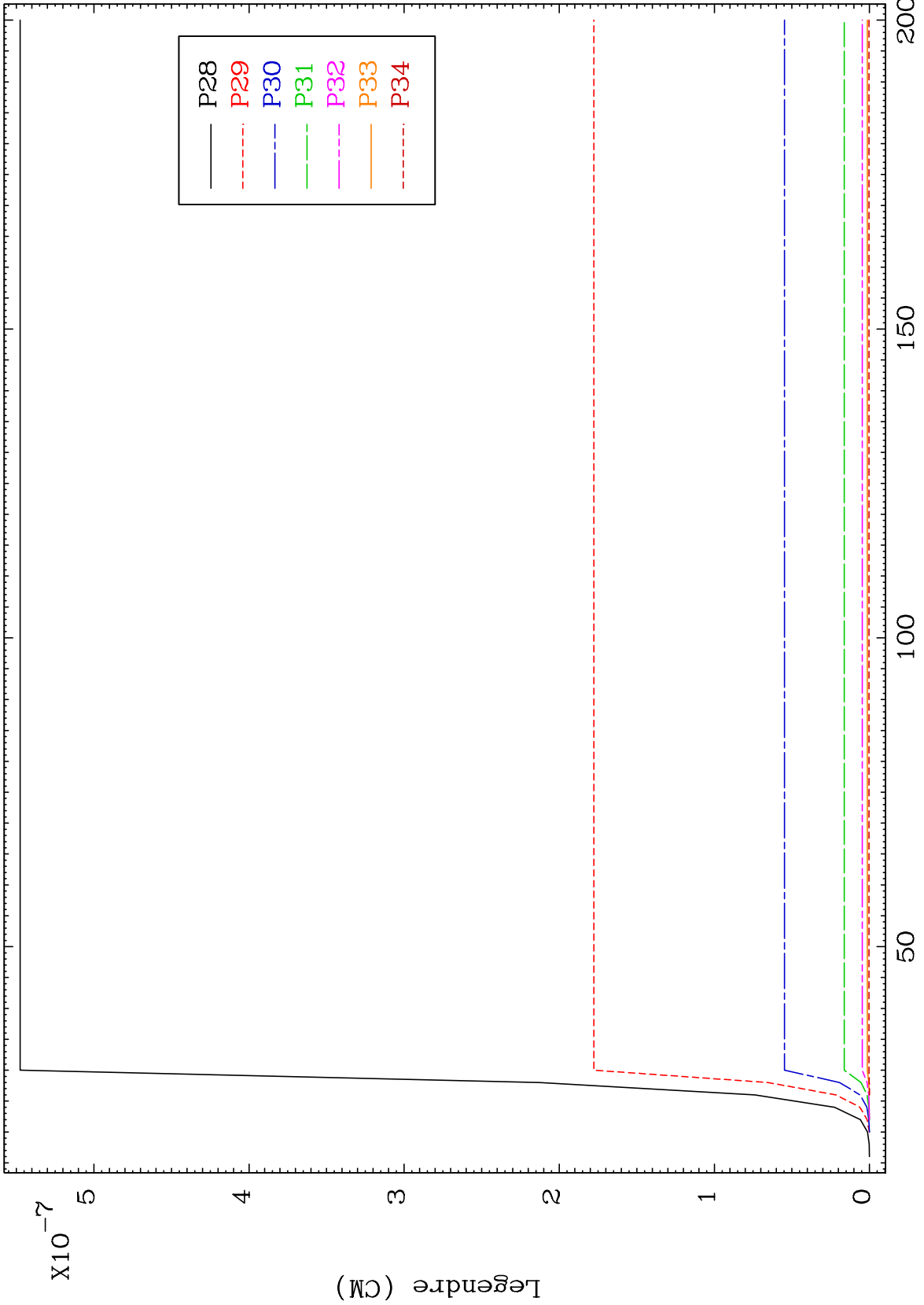
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



23

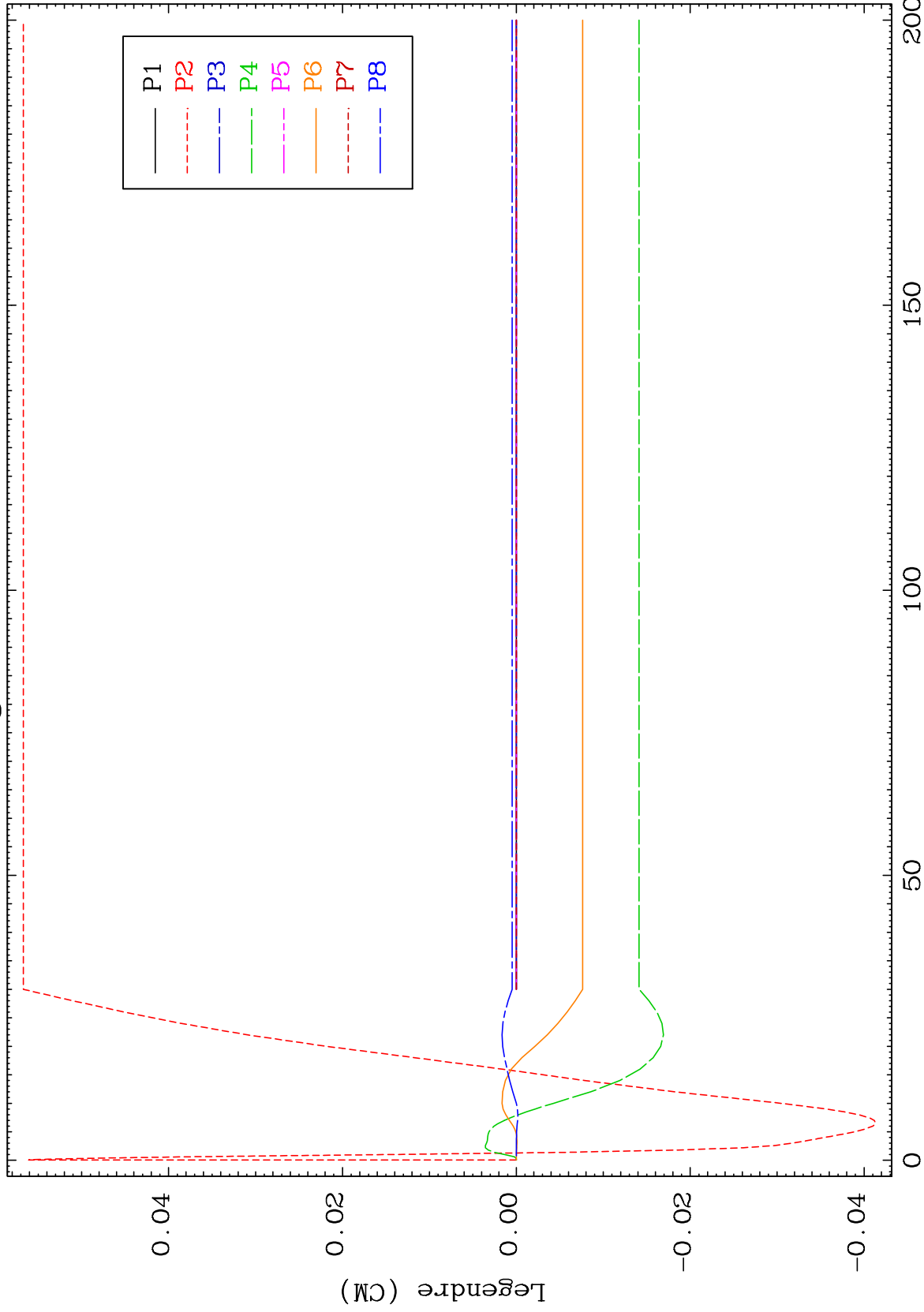
36-Kr-83



MAT 3640

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

36-Kr-83



24

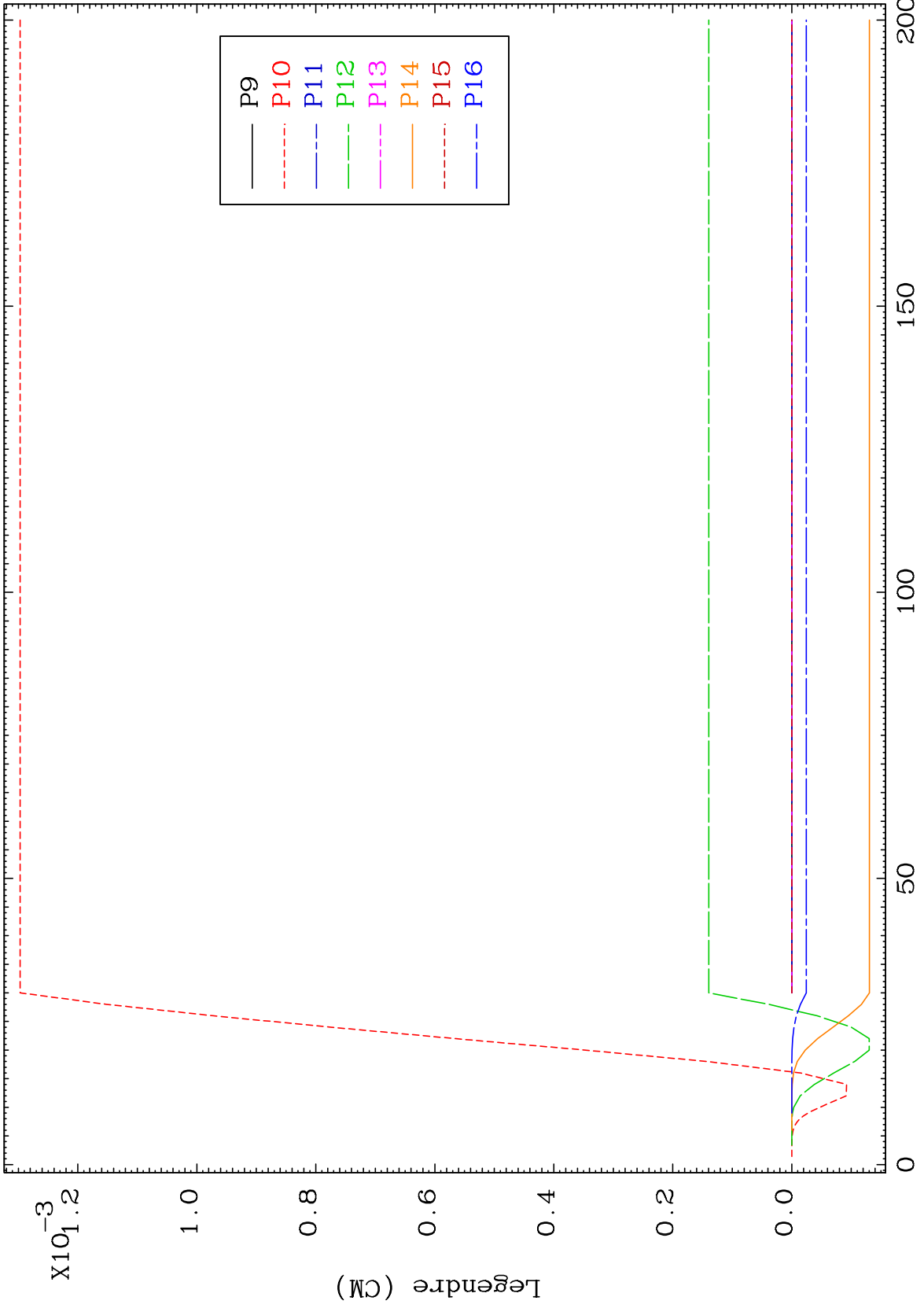
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

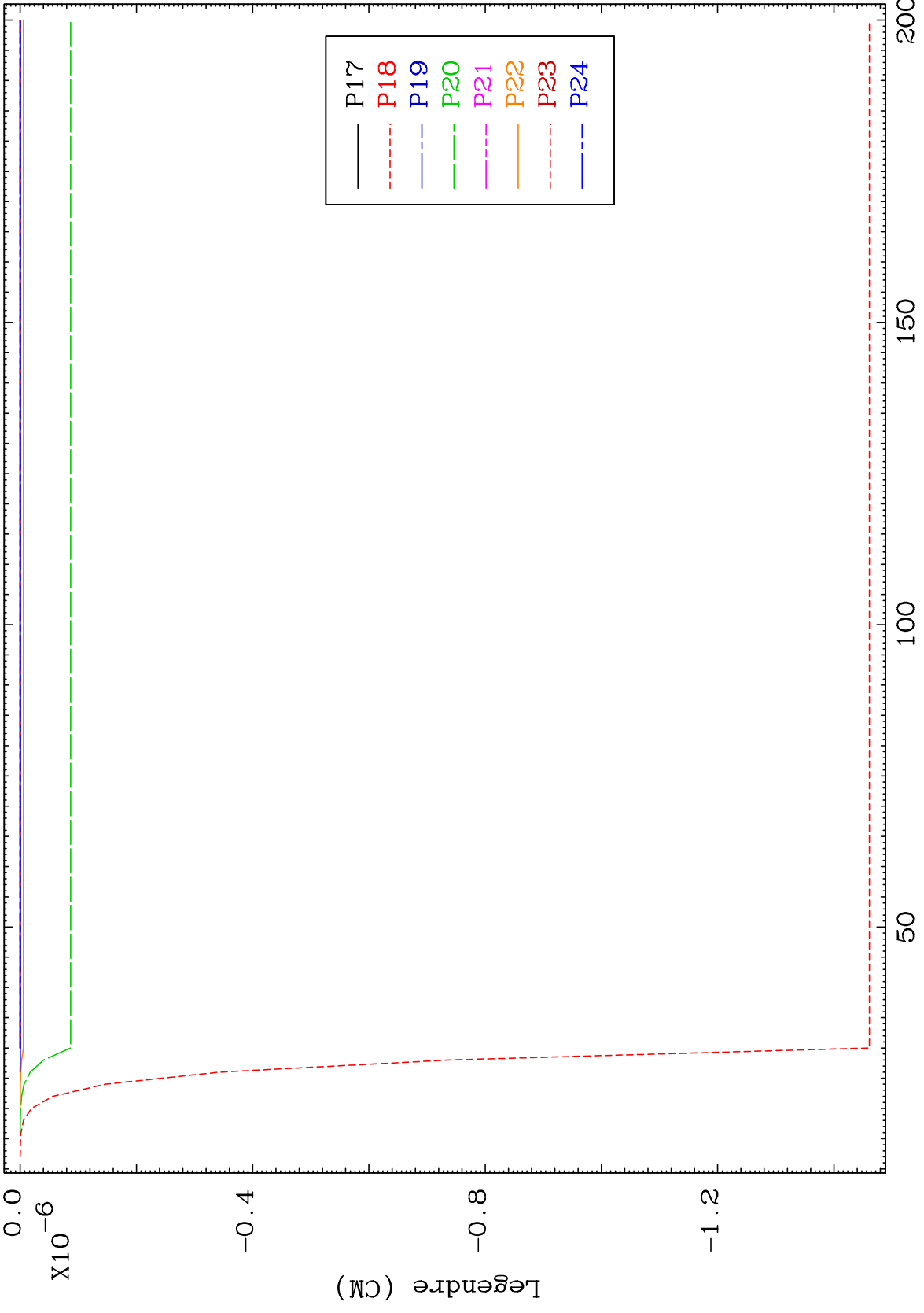
36-Kr-83



25

Incident Energy (MeV)

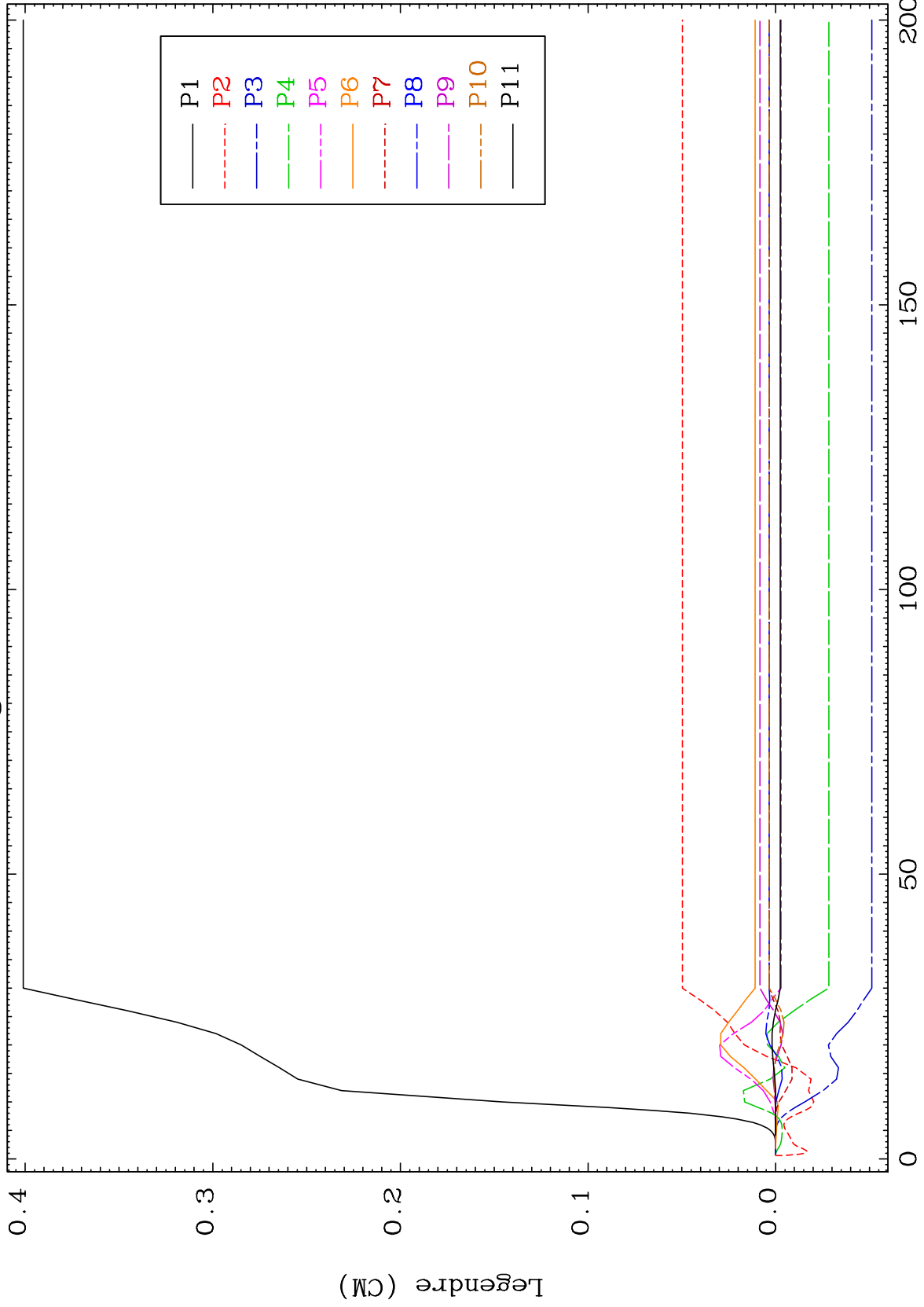
36-Kr-83



MAT 3640

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

36-Kr-83

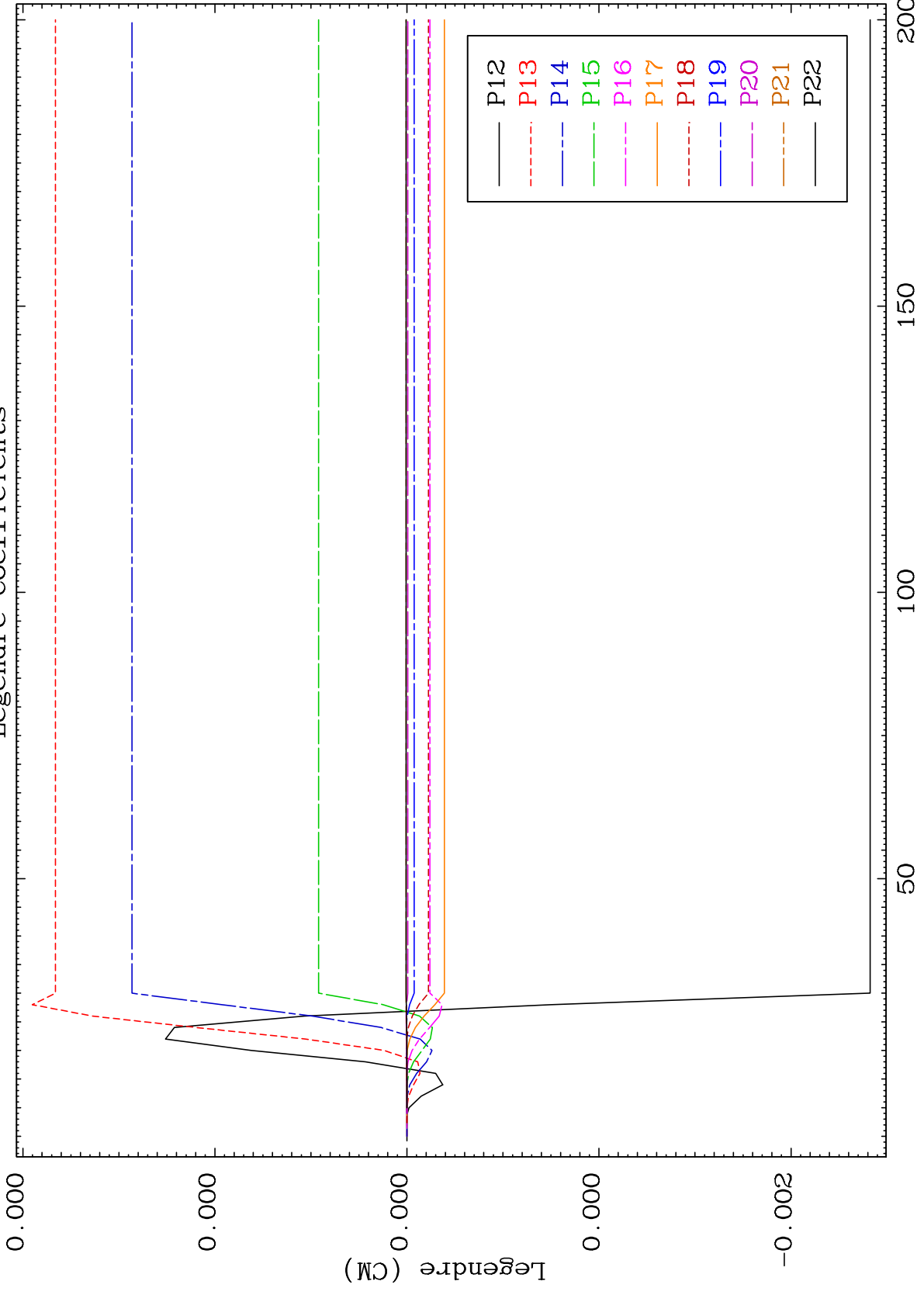


27

Incident Energy (MeV)

36-Kr-83

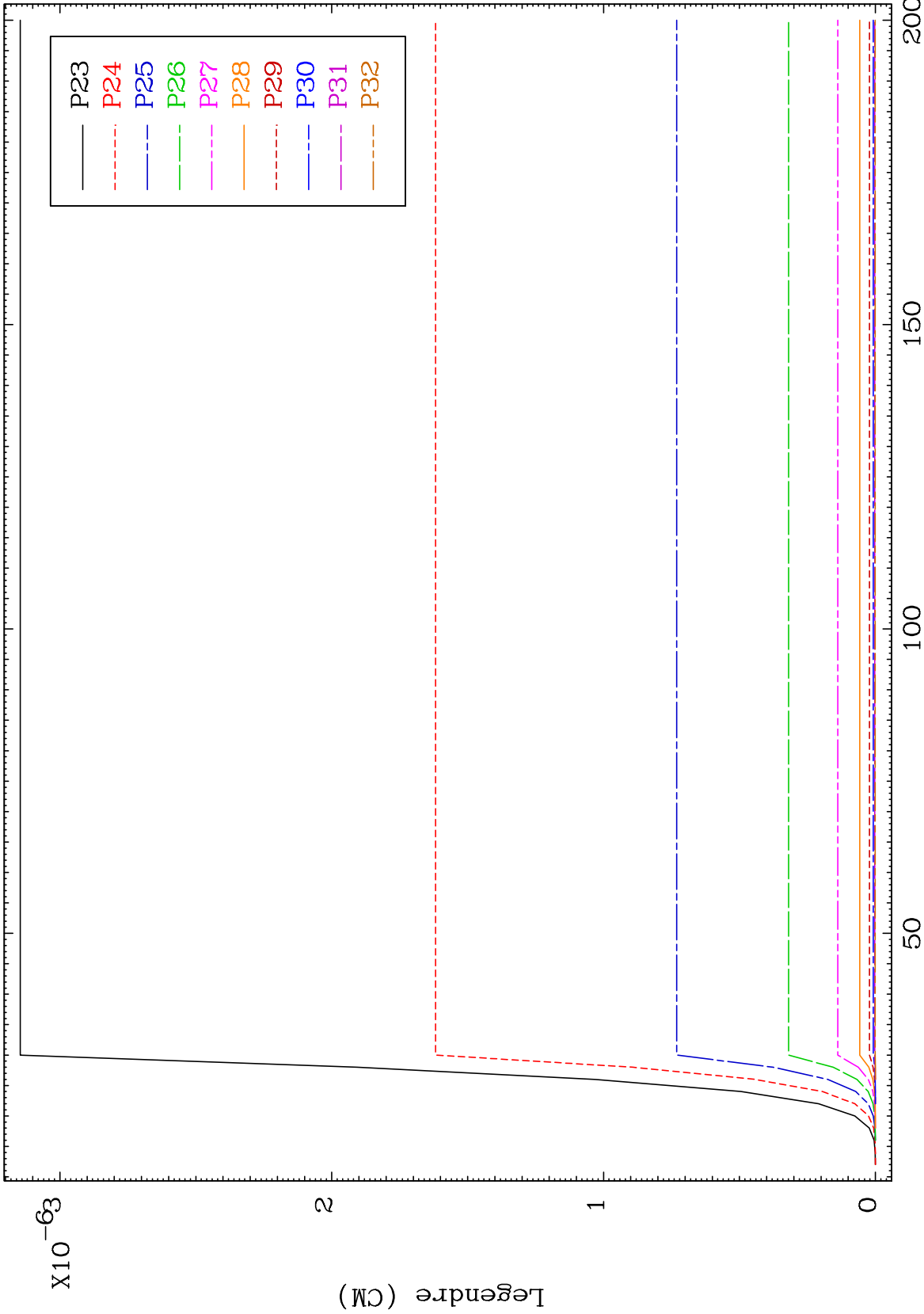
MAT 3640 MT= 53 (n,n') Level Legendre Coefficients 36-Kr-83



MAT 3640

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

36-Kr-83



29

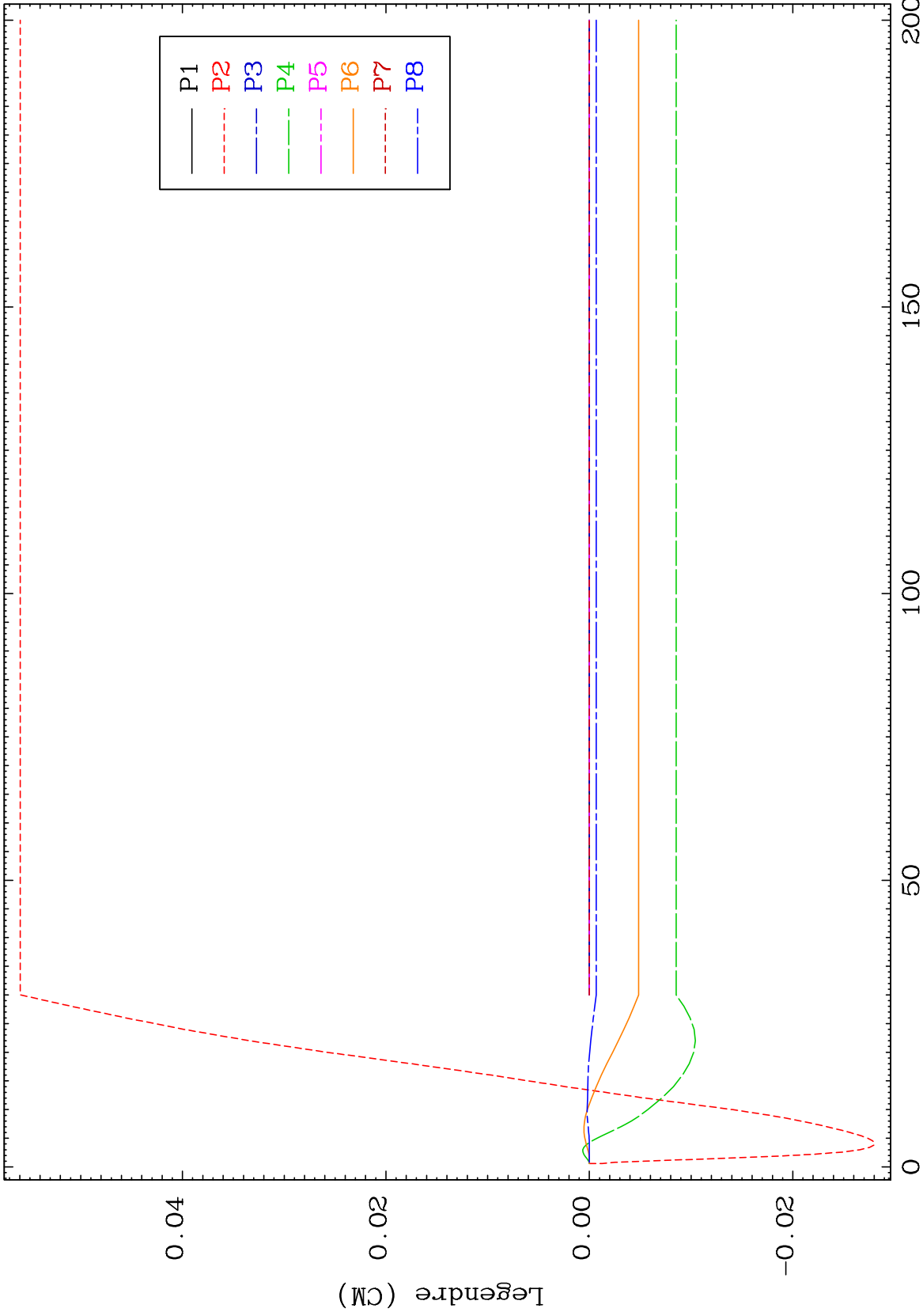
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



36-Kr-83

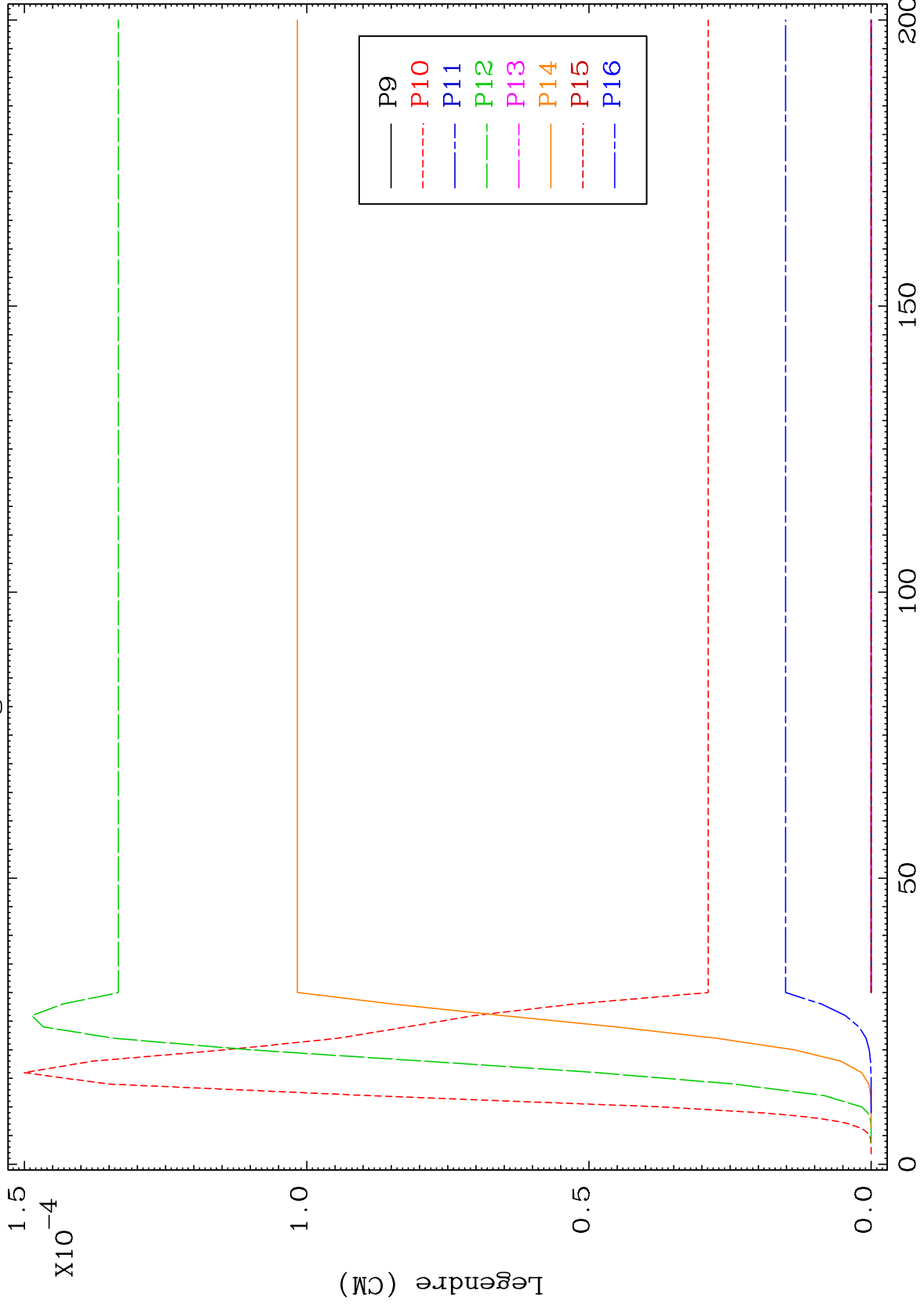
Incident Energy (MeV)

30

MAT 3640

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

36-Kr-83



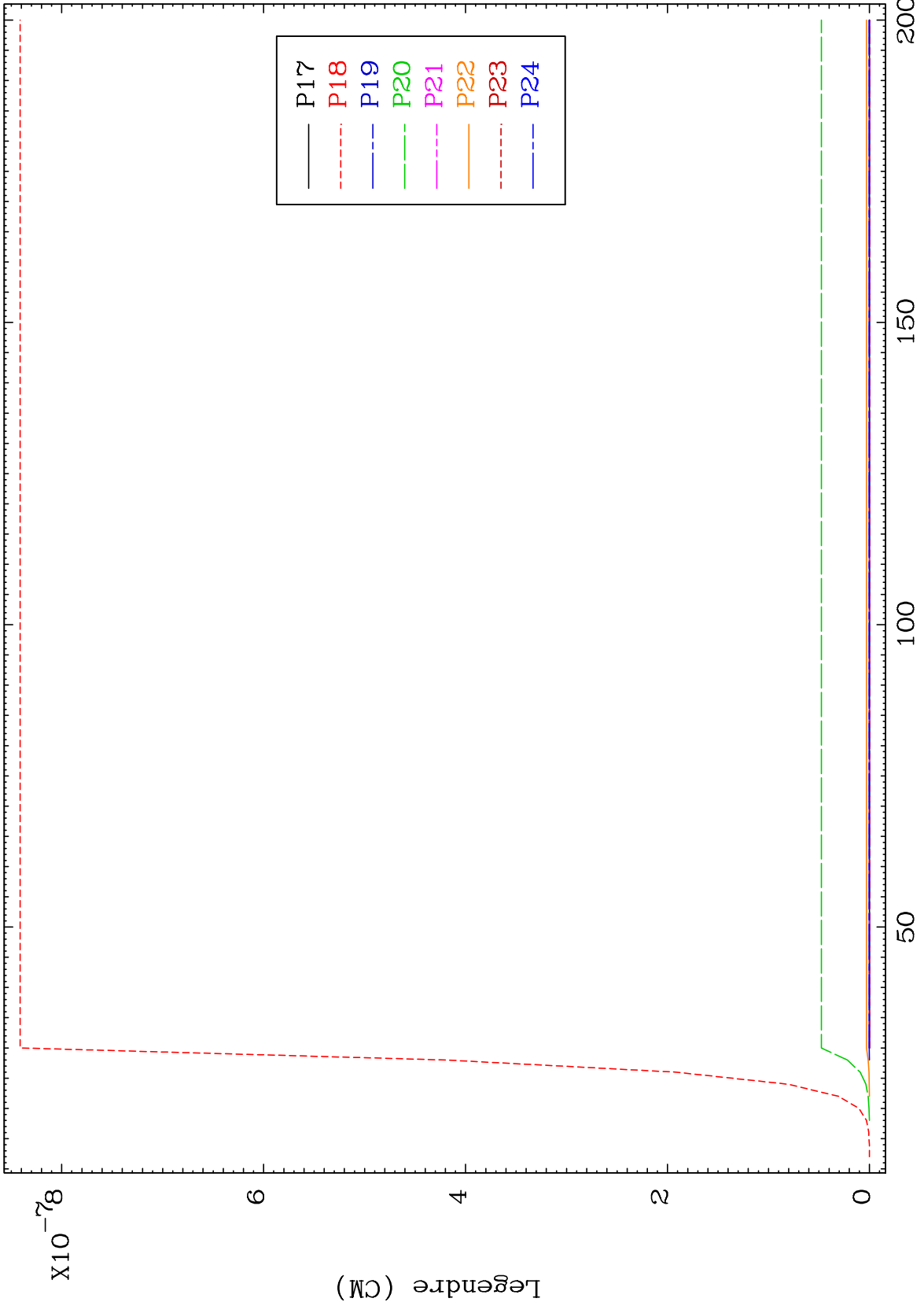
31

Incident Energy (MeV)

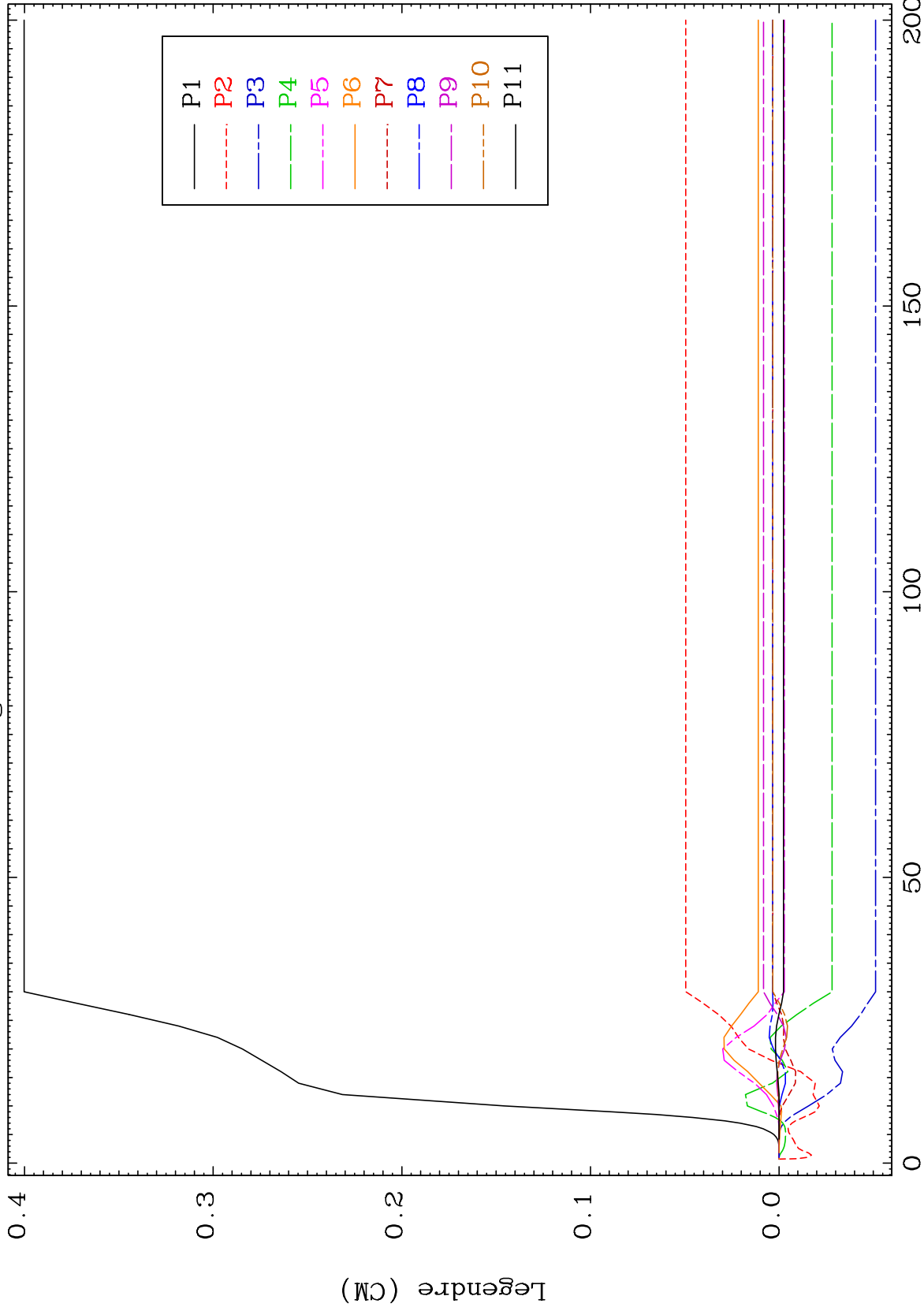
36-Kr-83



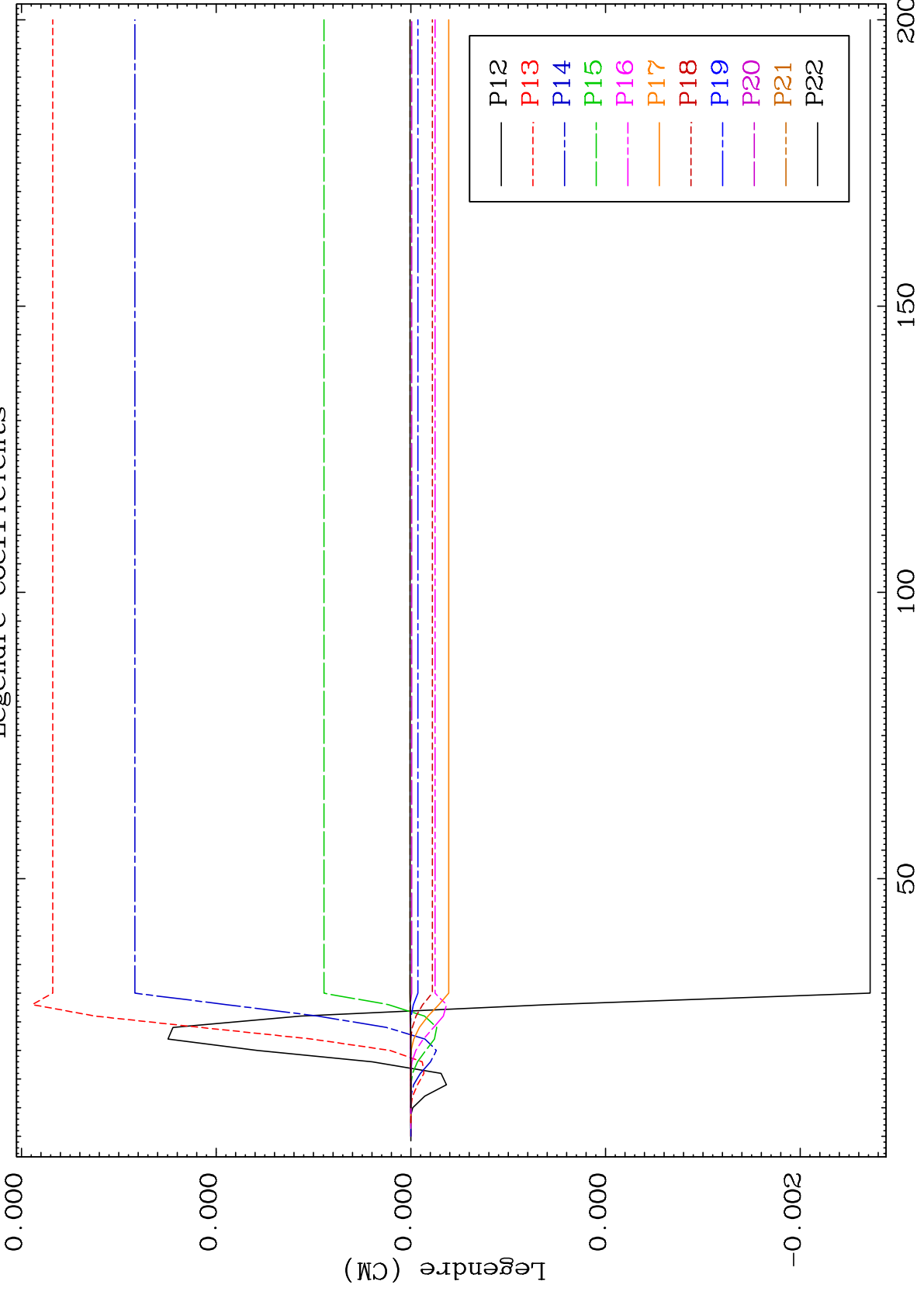
MAT 3640 MT= 54 (n,n') Level Legendre Coefficients 36-Kr-83



32 Incident Energy (MeV) 200 36-Kr-83



MAT 3640 MT= 55 (n,n') Level Legendre Coefficients 36-Kr-83

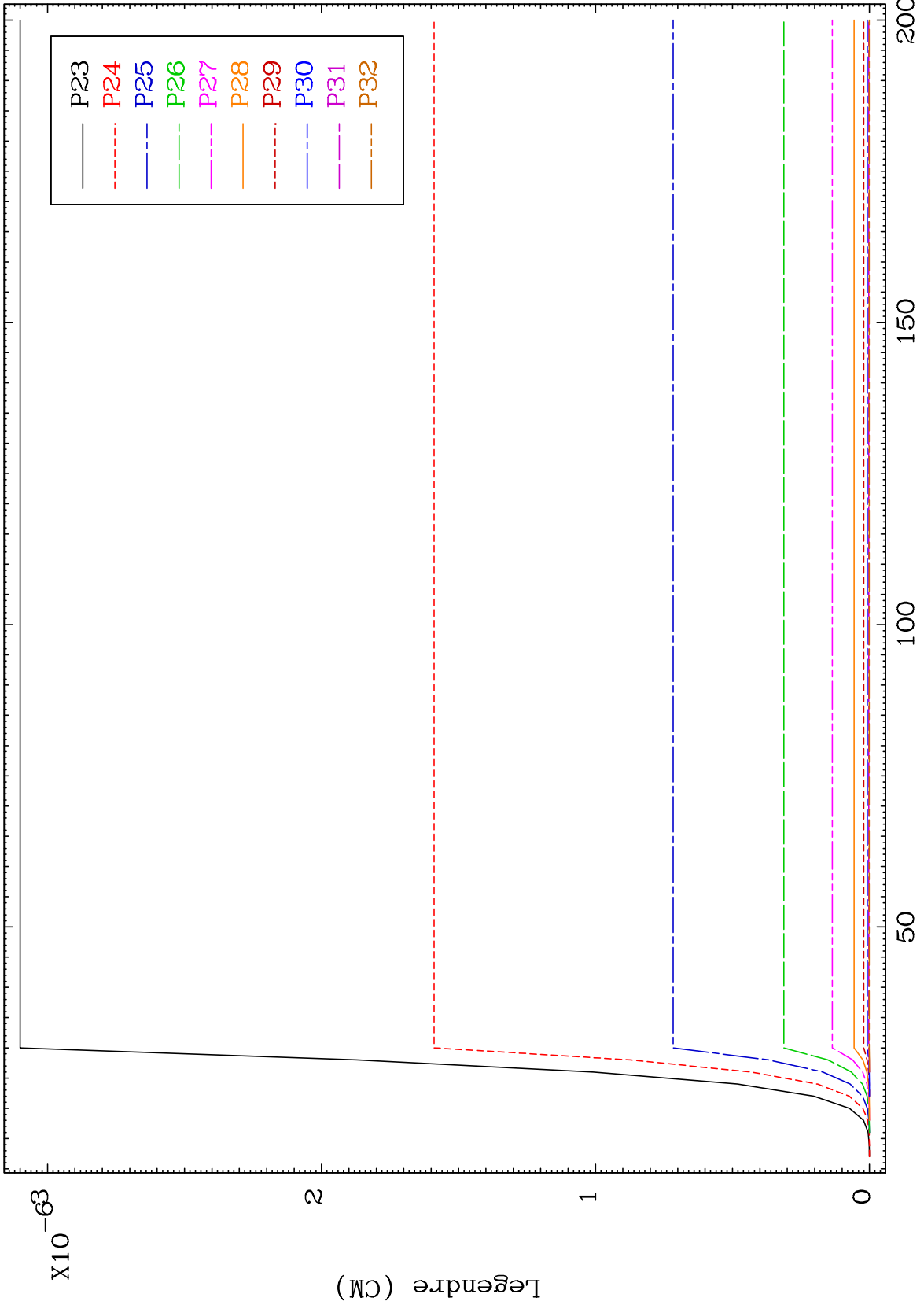


34 36-Kr-83

MAT 3640

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

36-Kr-83



35

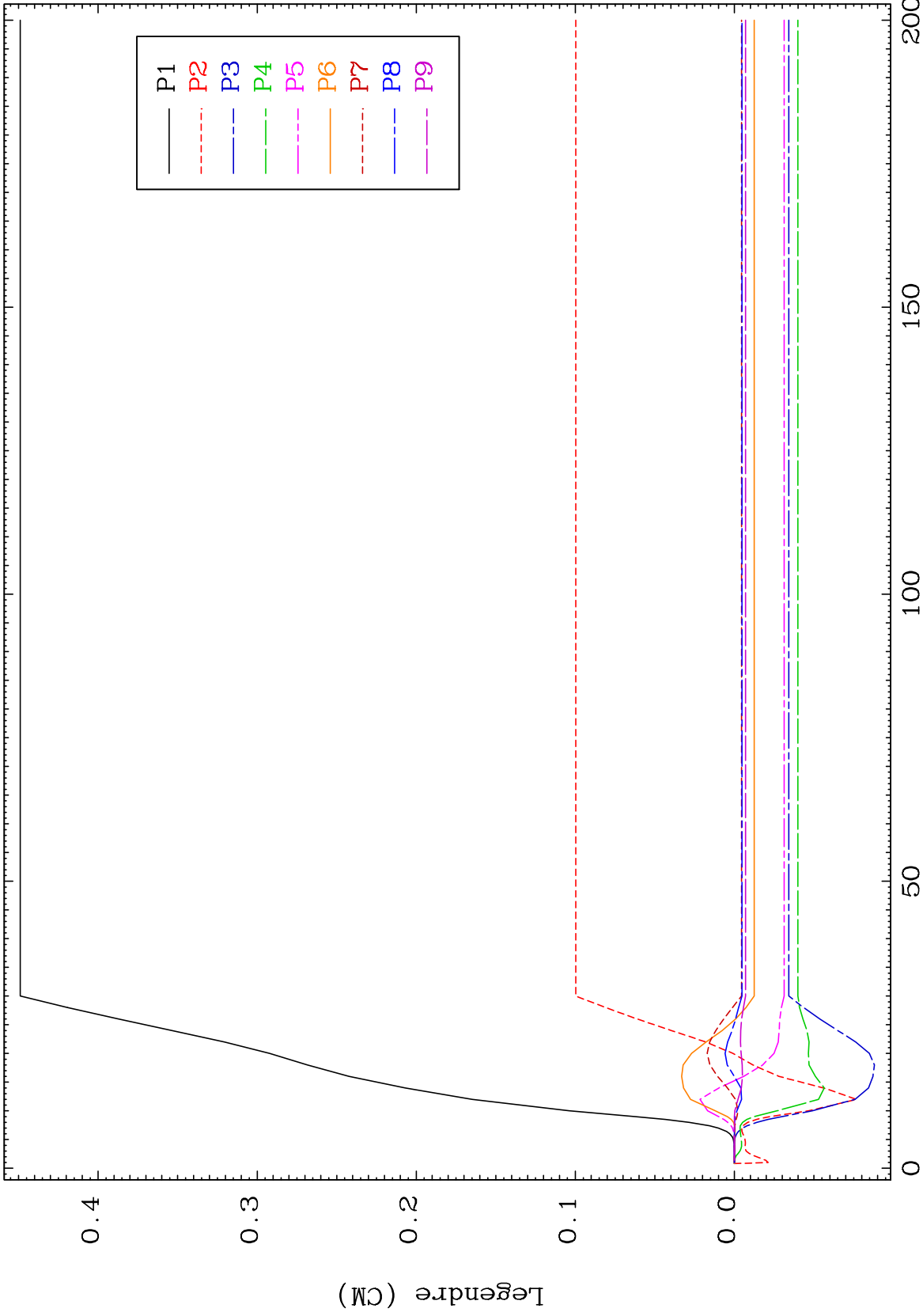
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



36

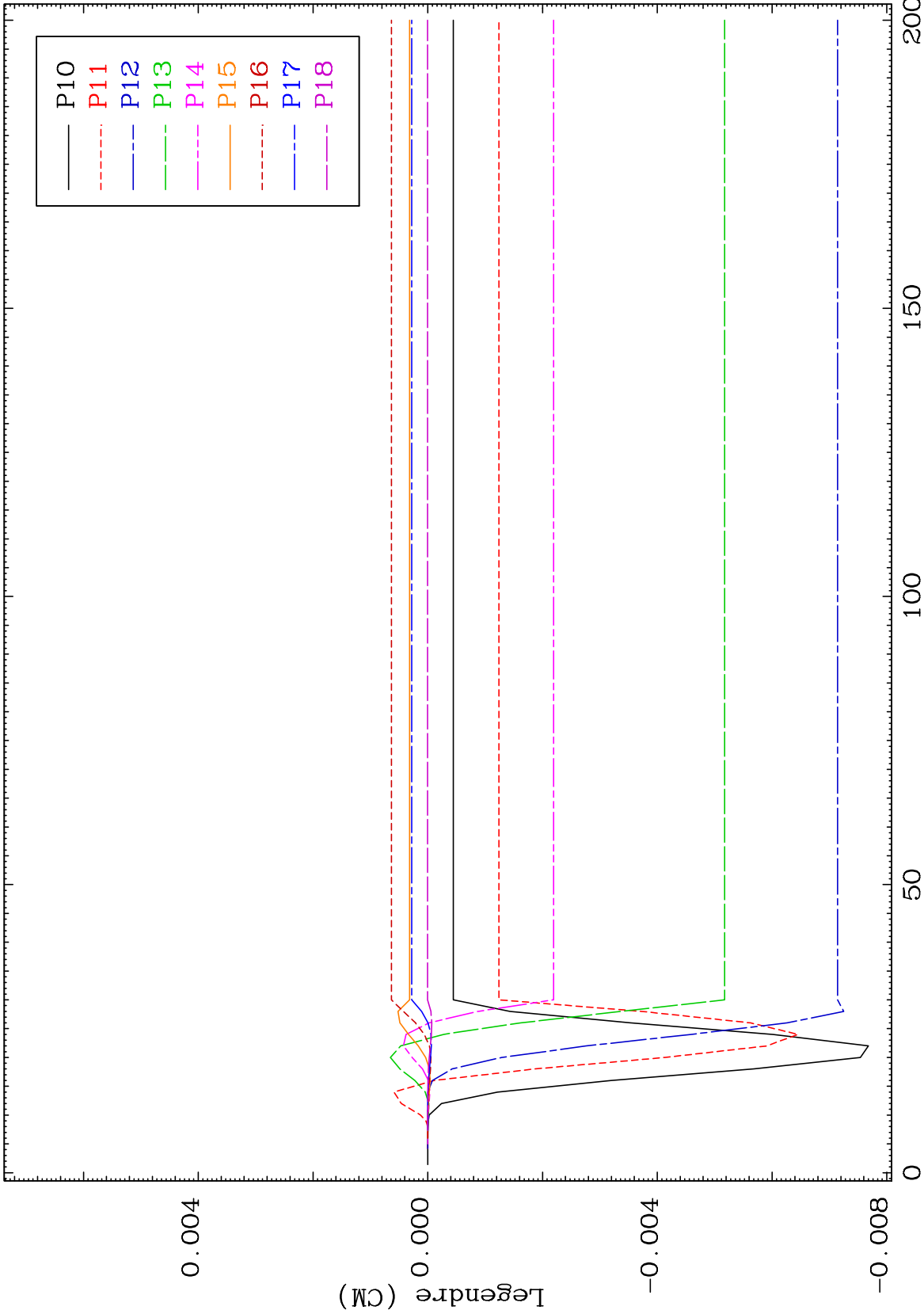
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



37

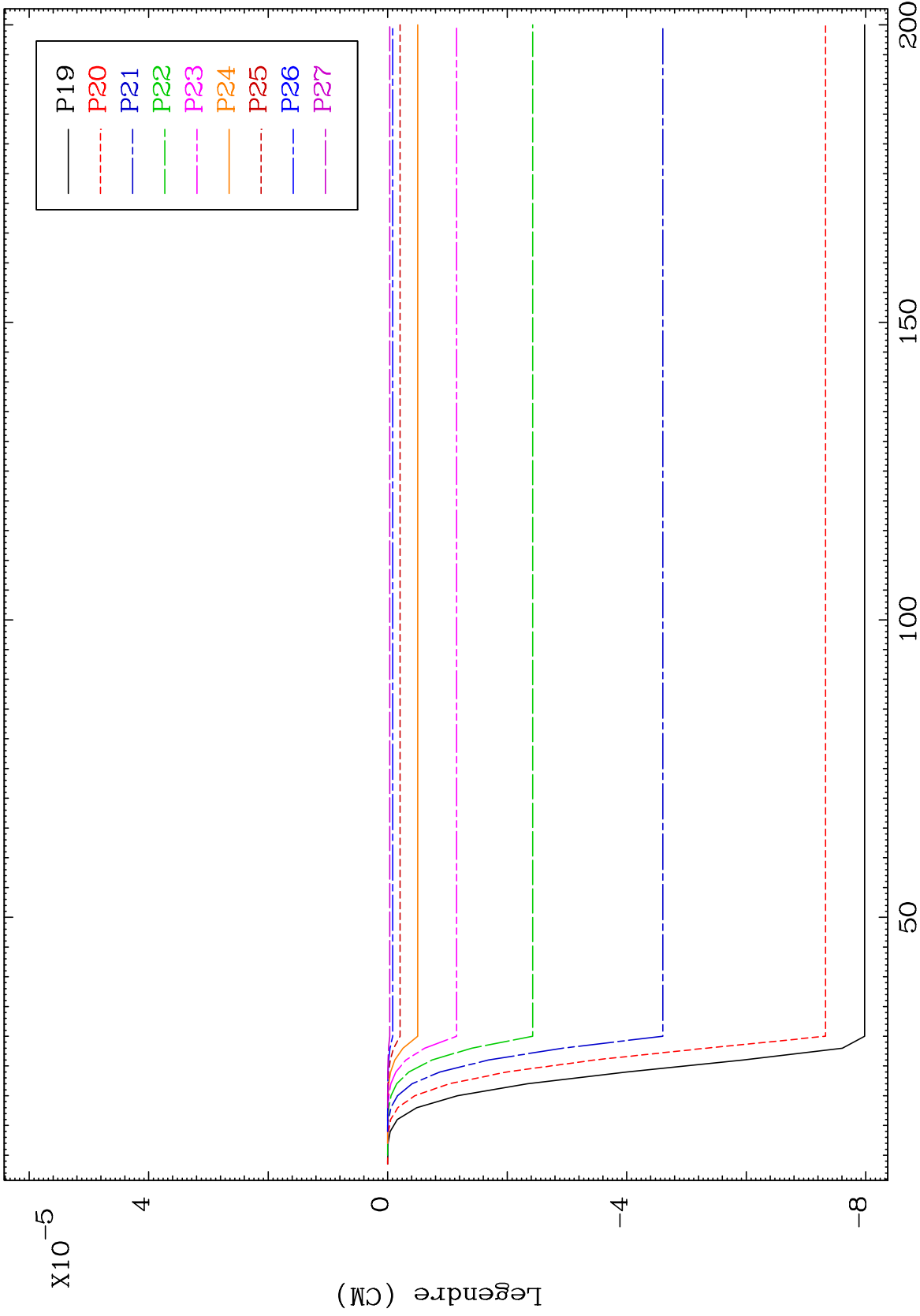
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



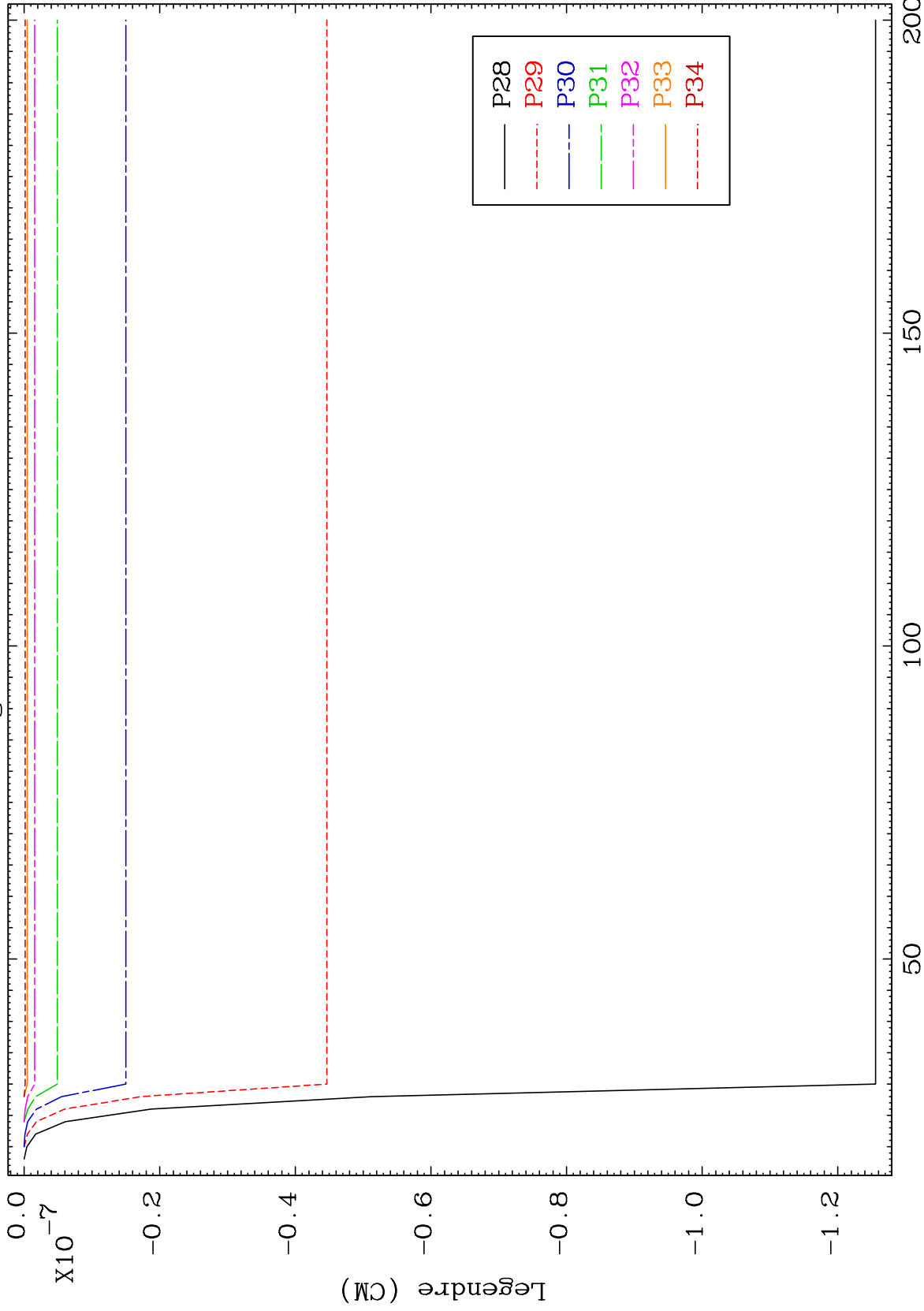
38

36-Kr-83

MAT 3640

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

36-Kr-83



39

Incident Energy (MeV)

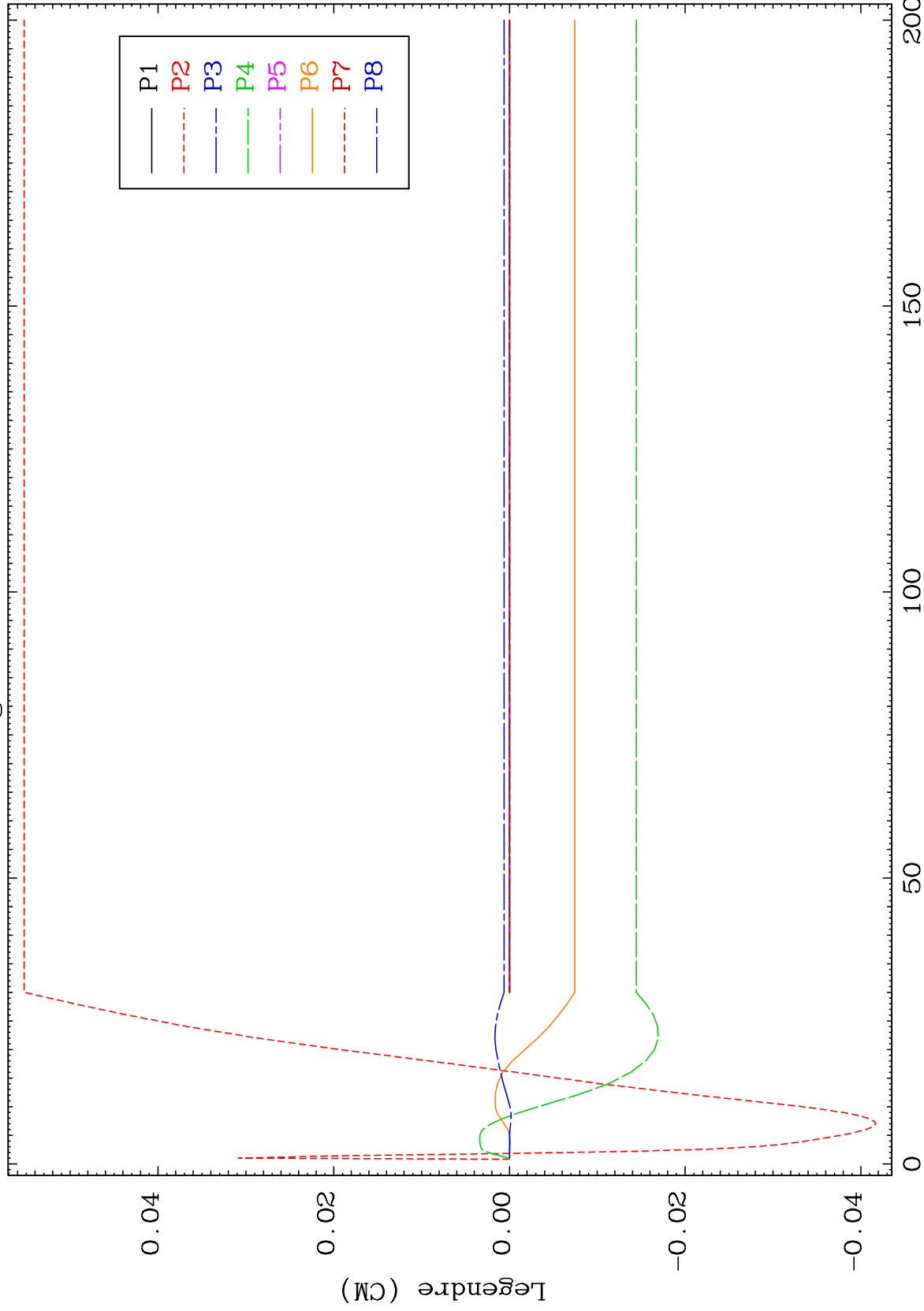
36-Kr-83



MAT 3640

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

36-Kr-83



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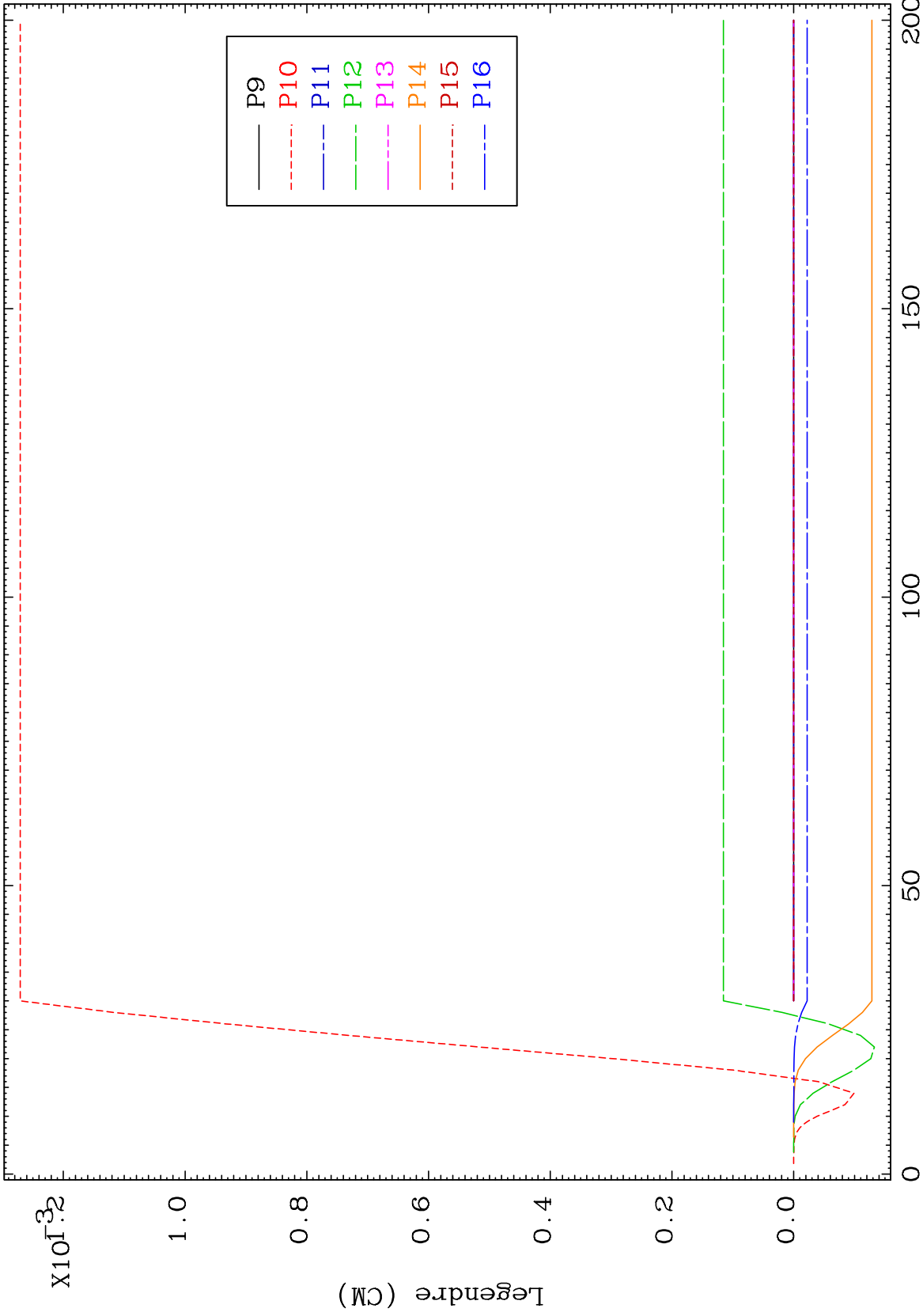
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



41

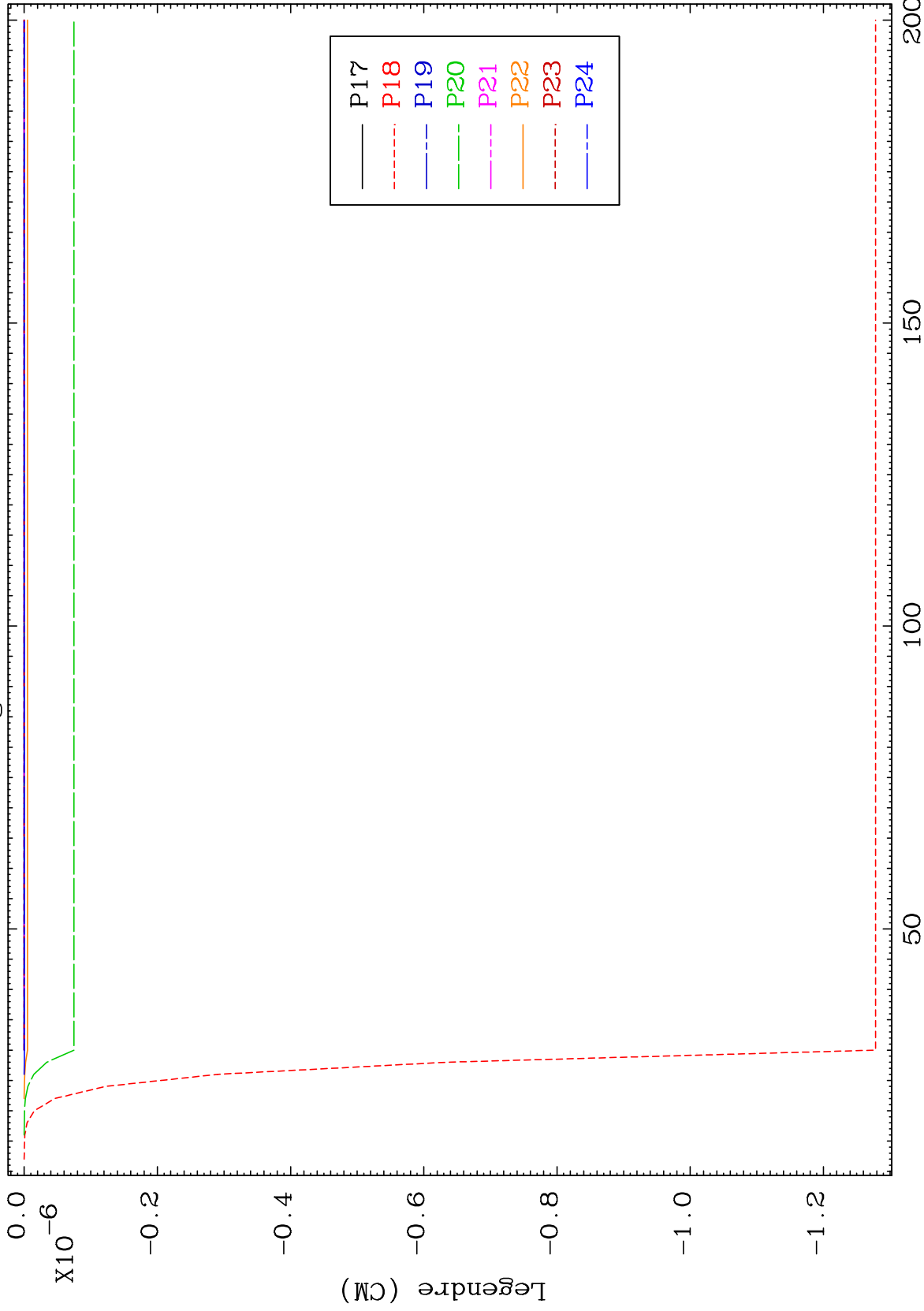
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



36-Kr-83

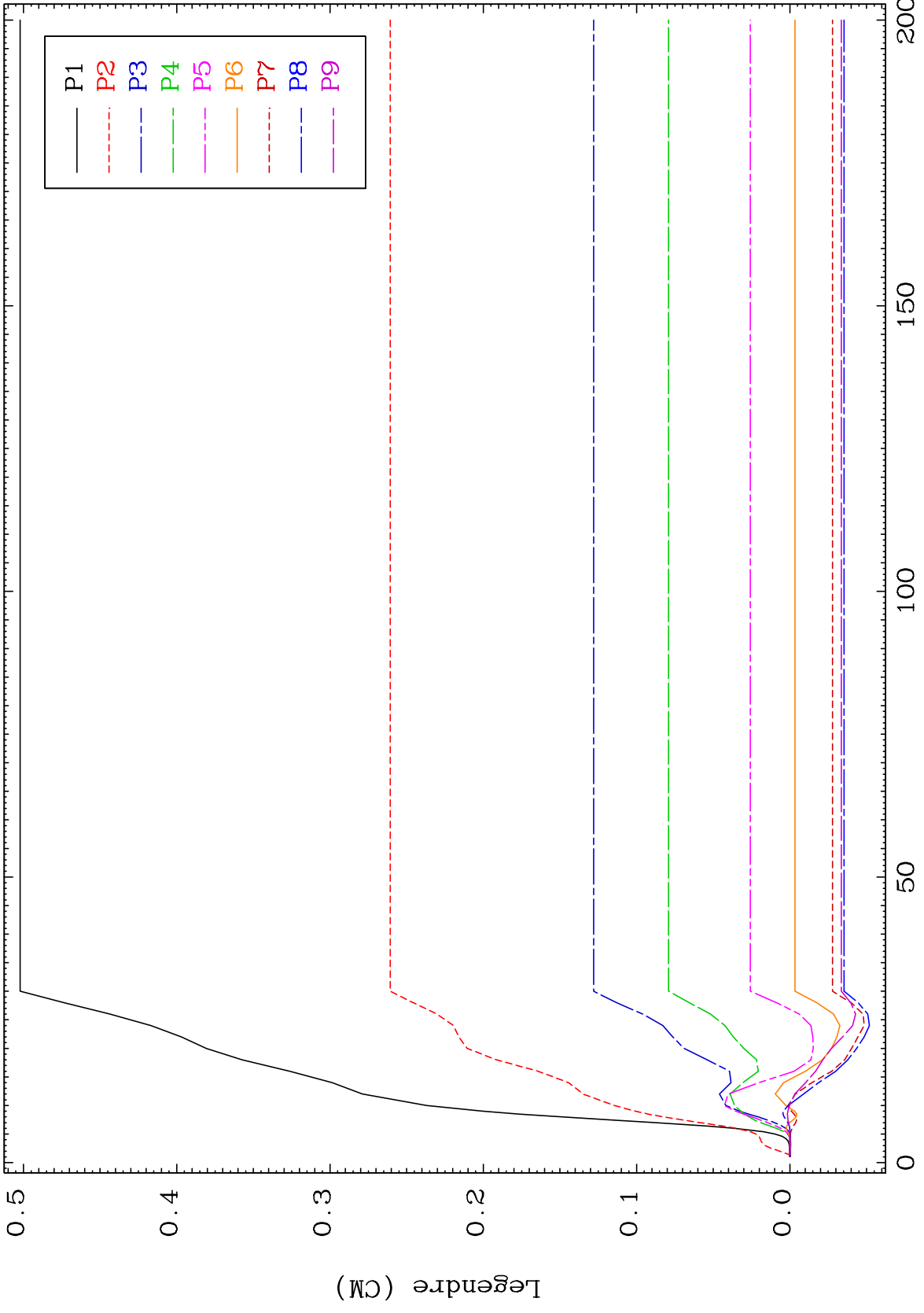
Incident Energy (MeV)

42

MAT 3640

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

36-Kr-83



43

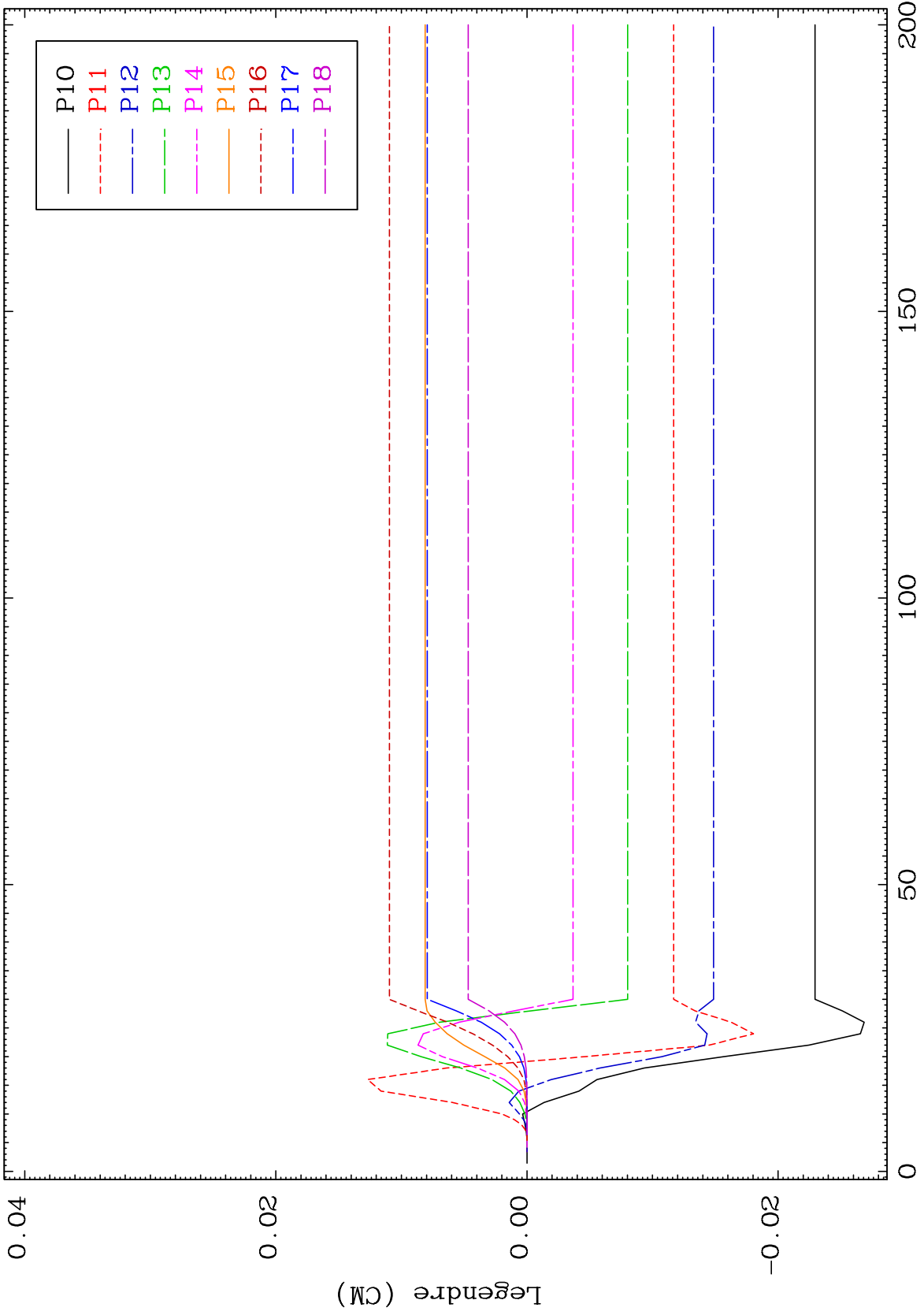
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



44

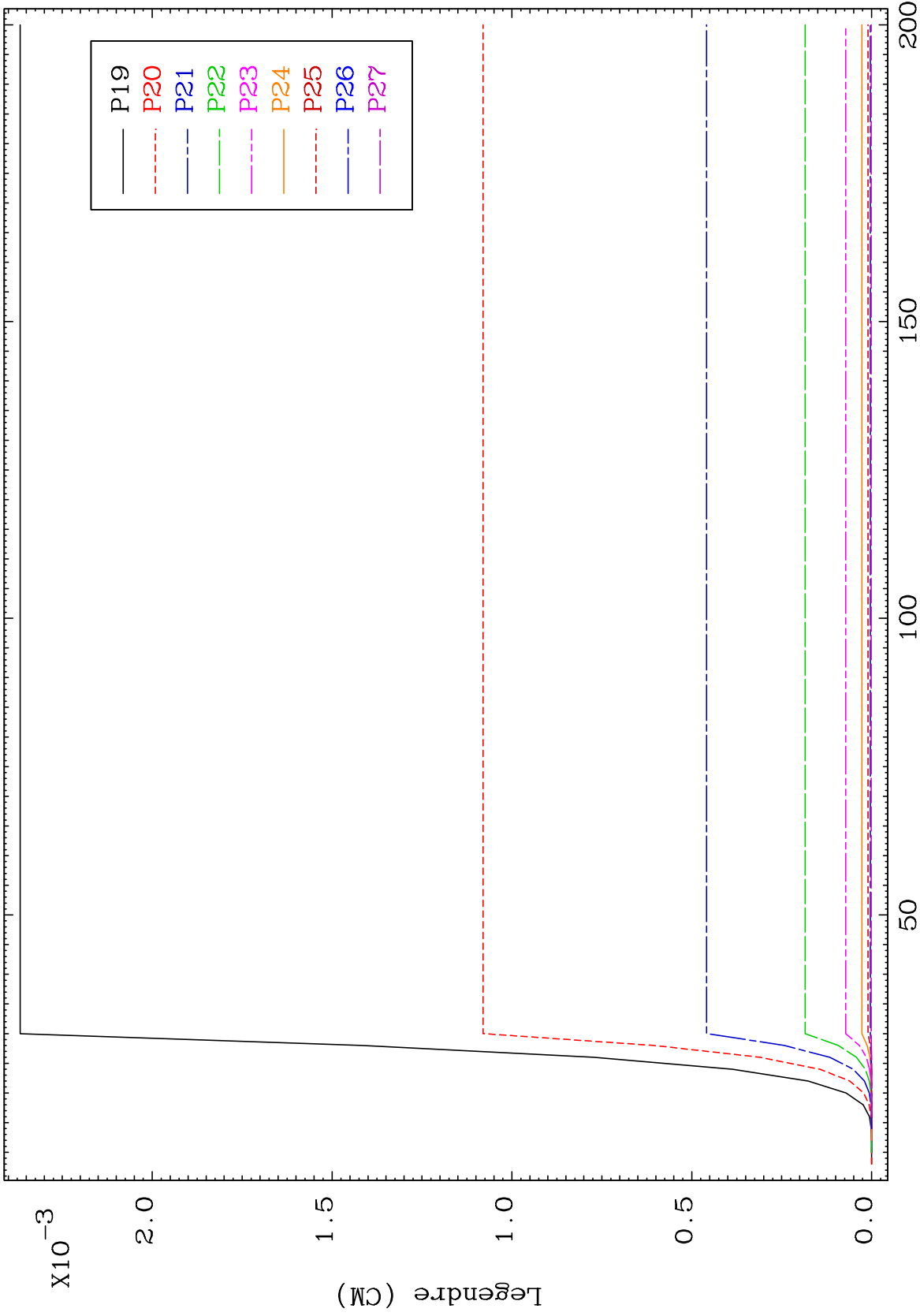
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



45

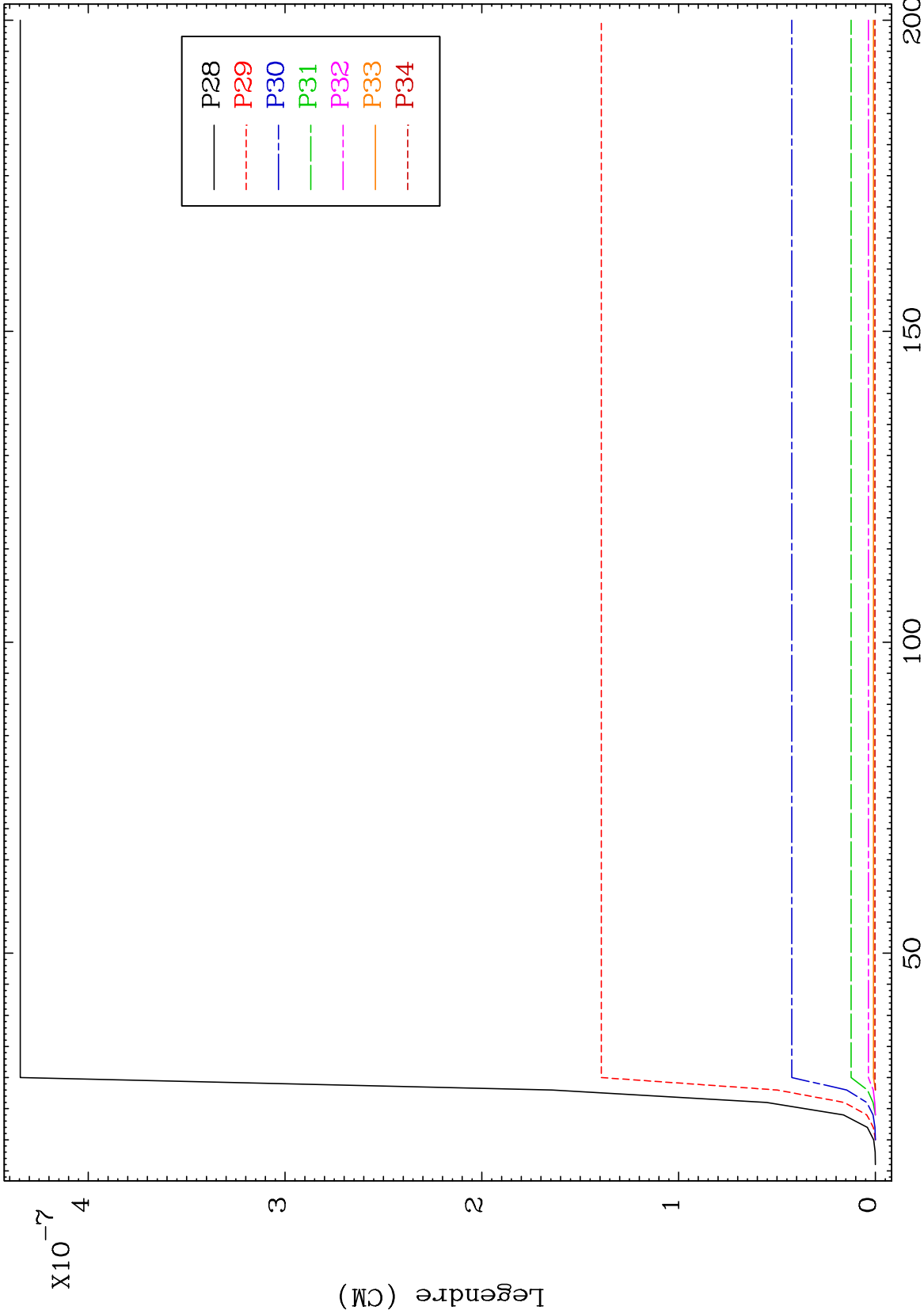
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



46

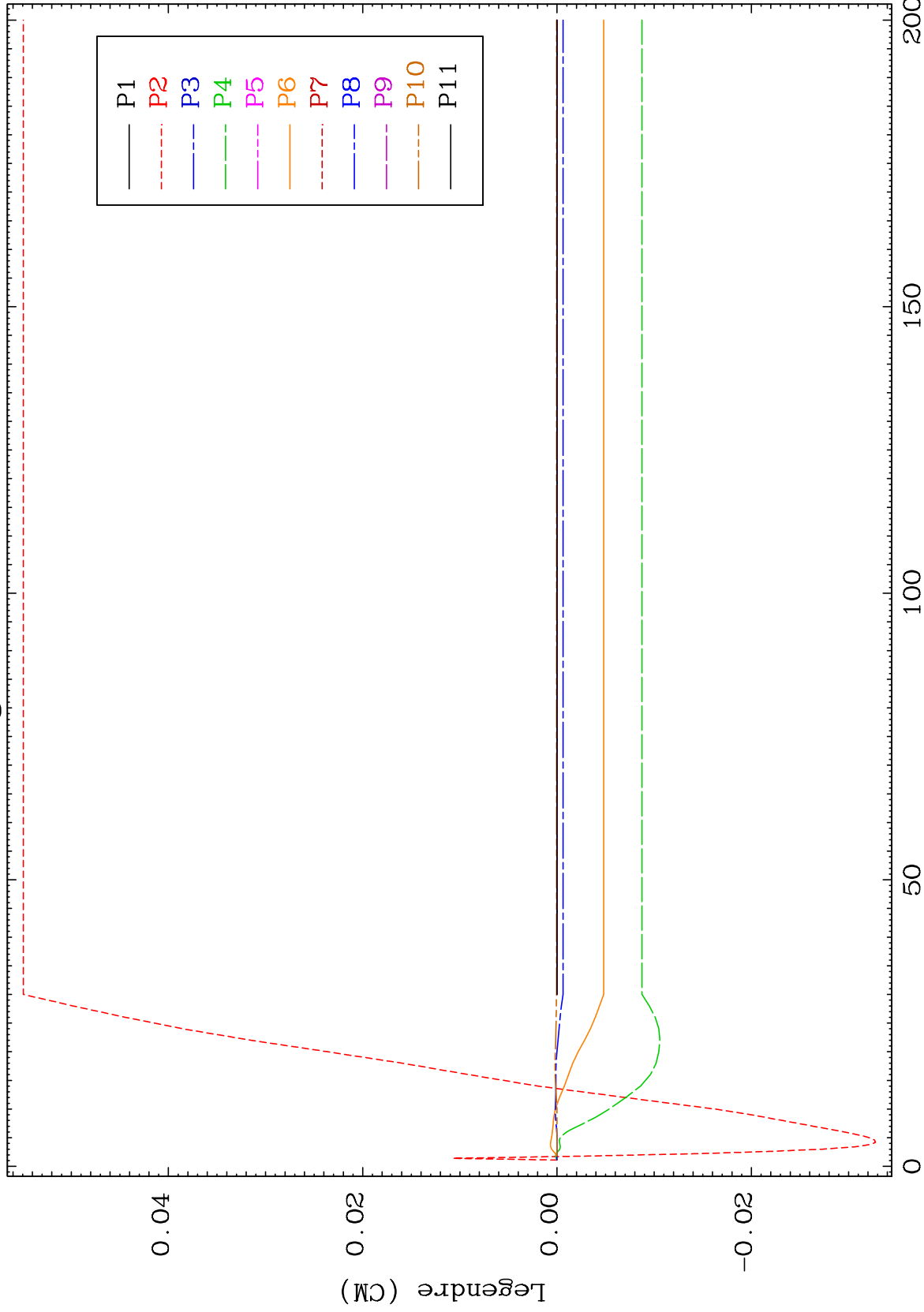
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83

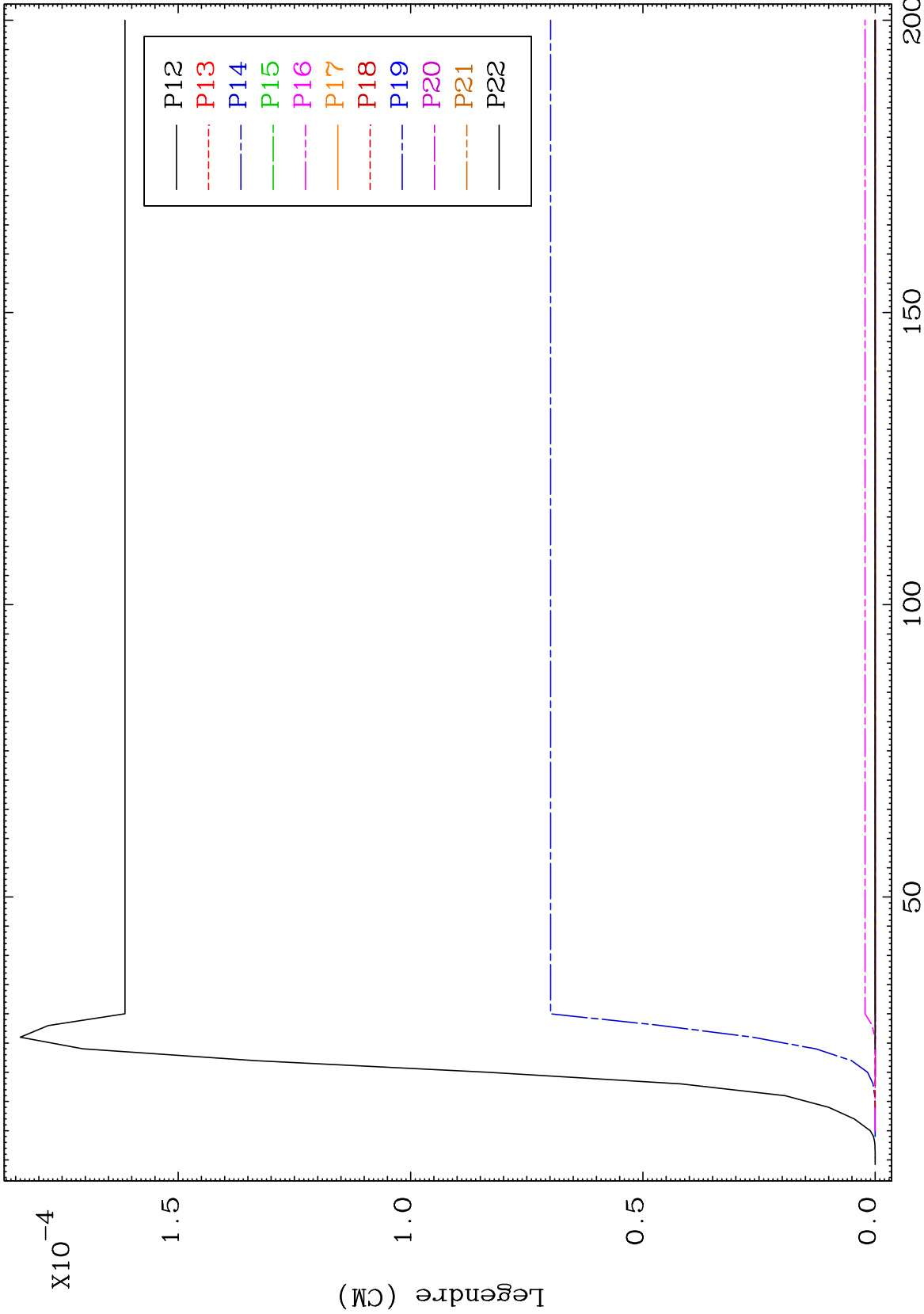


47

Incident Energy (MeV)

36-Kr-83

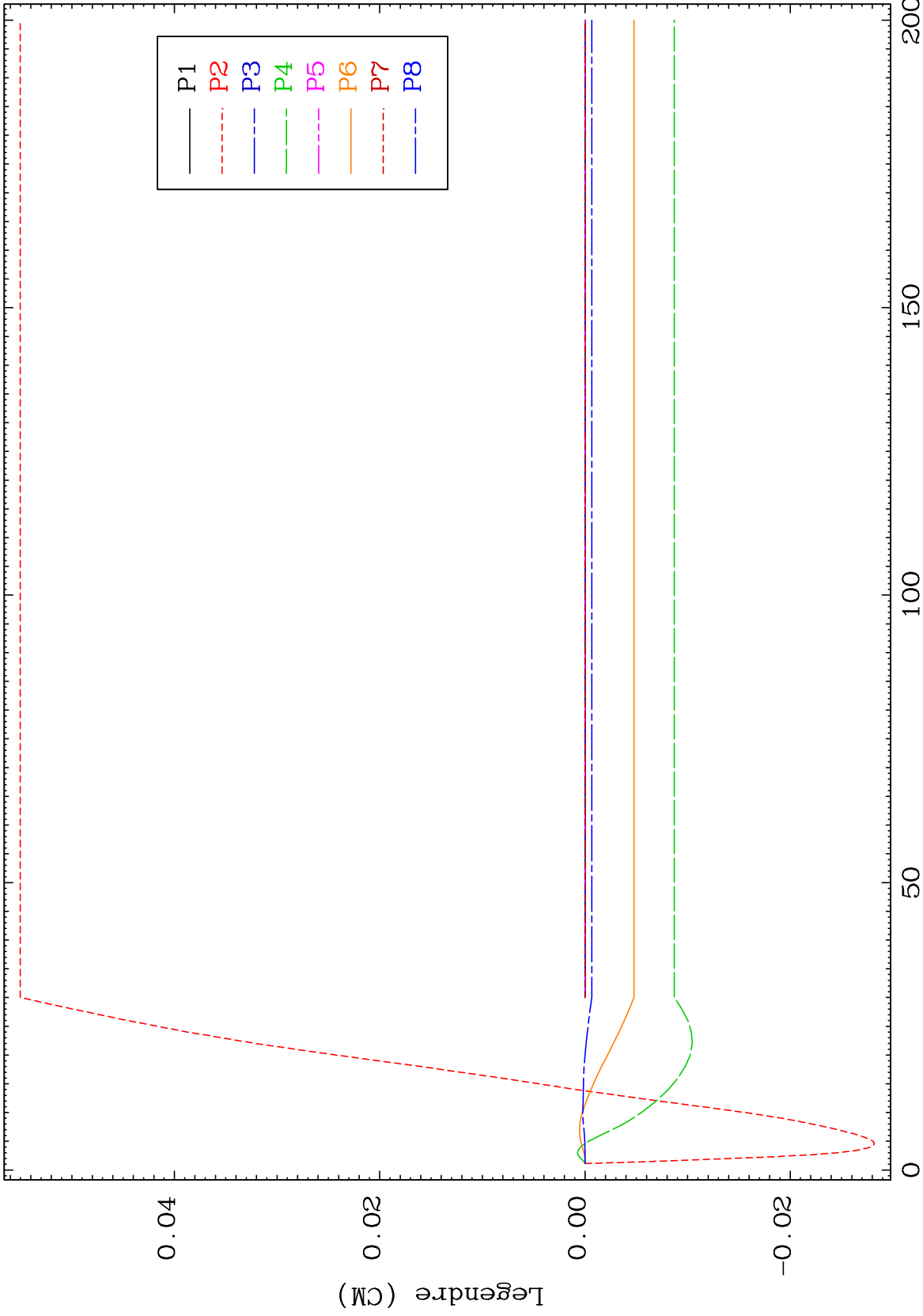




MAT 3640

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

36-Kr-83



49

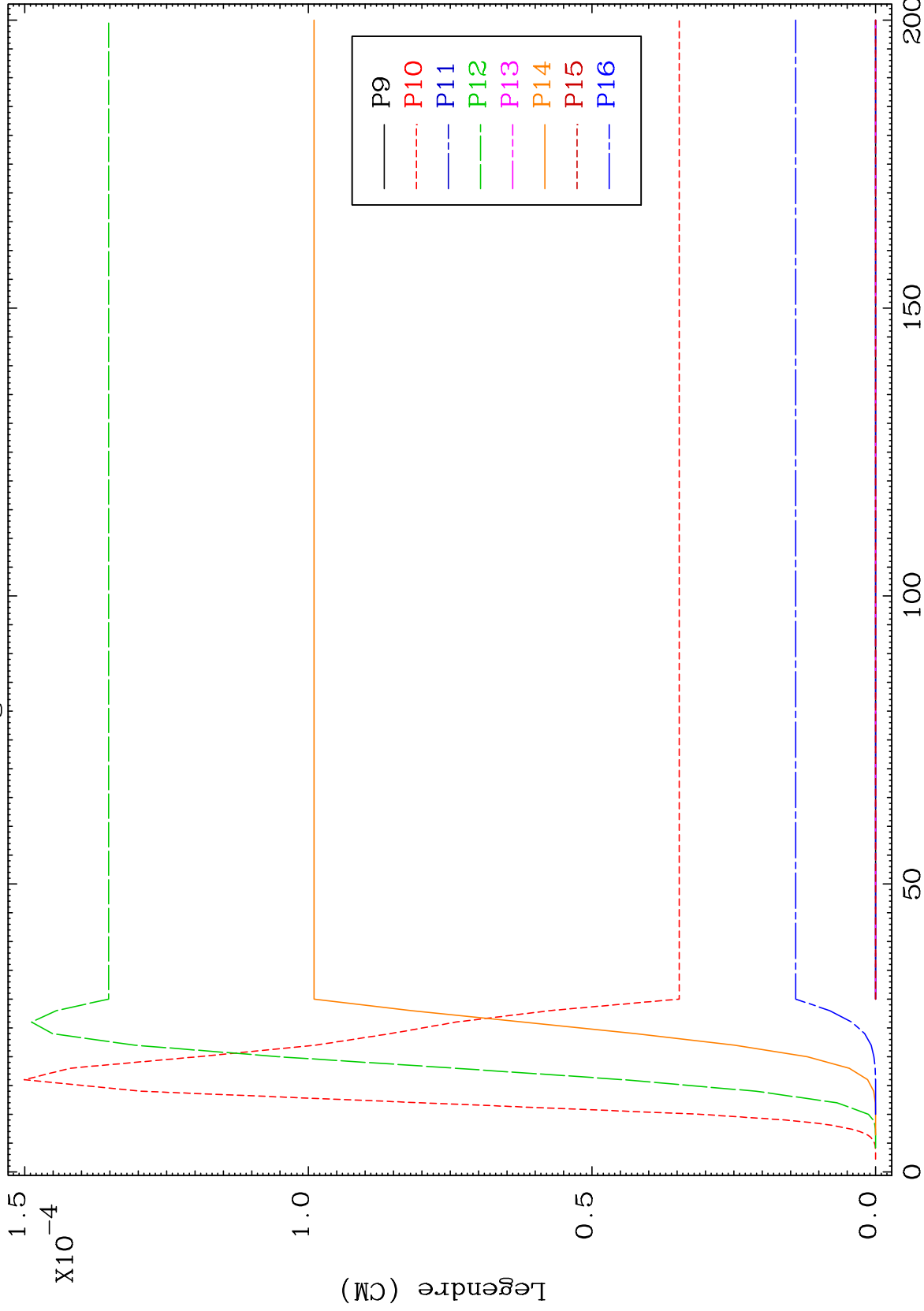
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



50

100

150

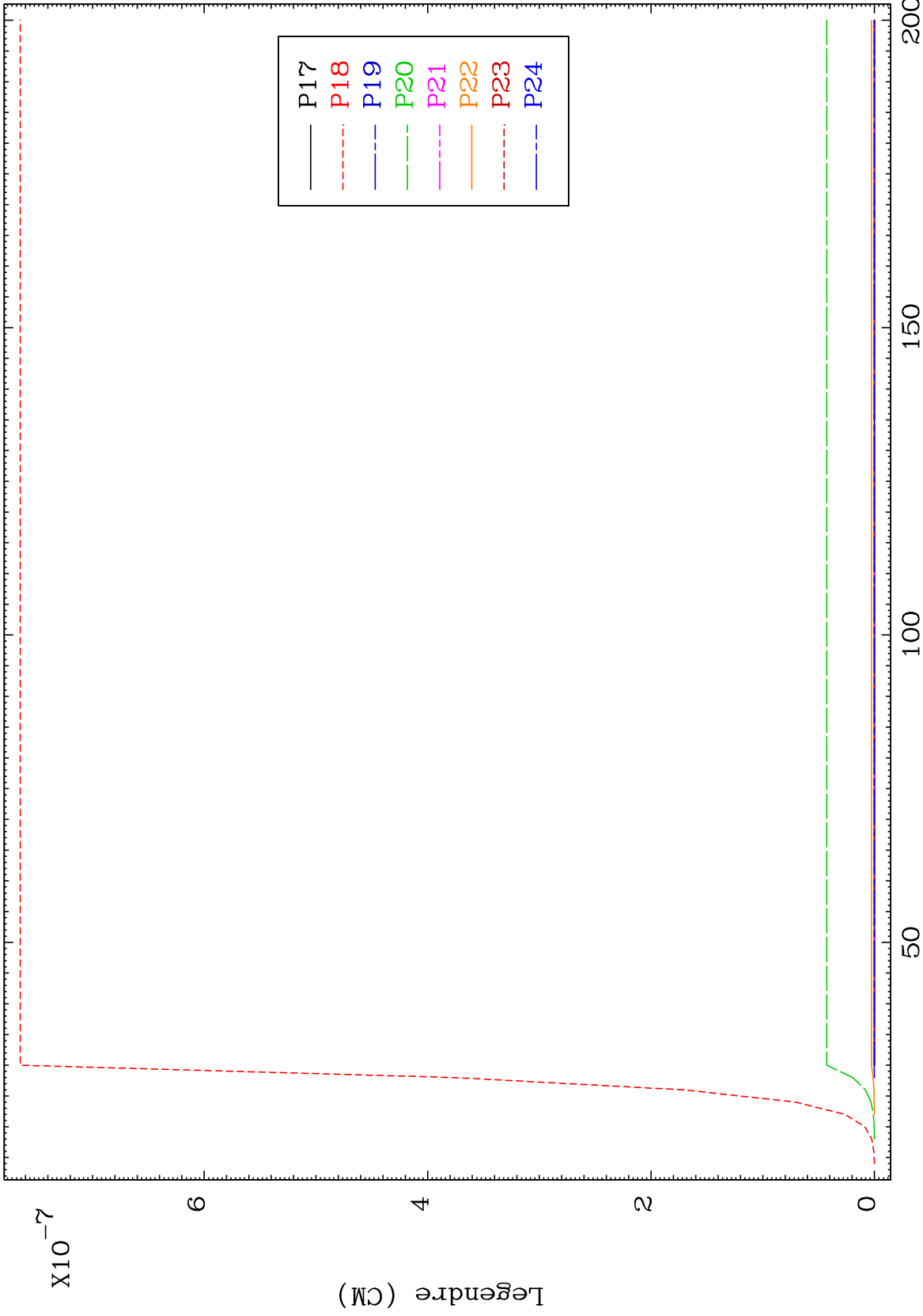
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



51

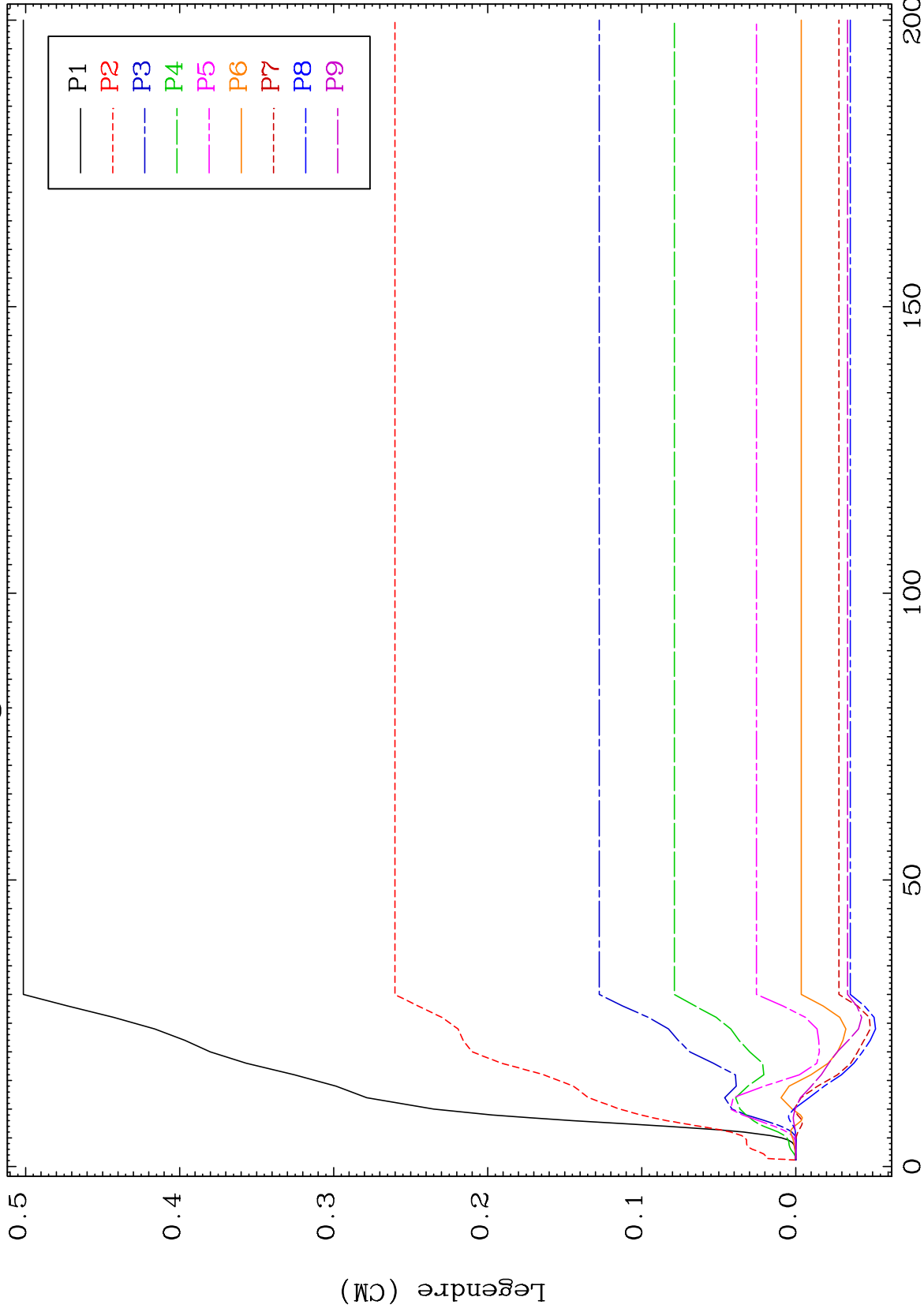
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



52

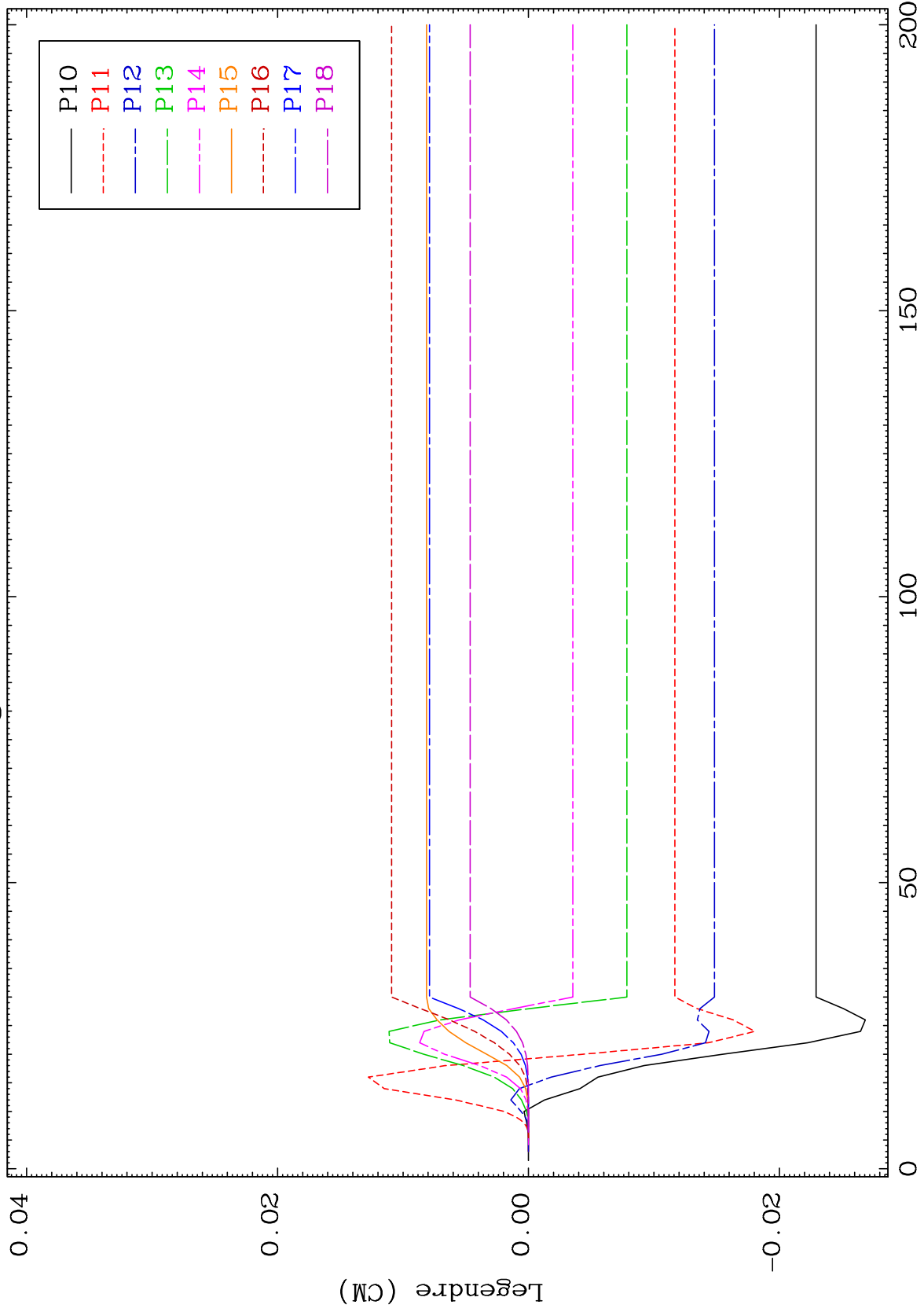
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



53

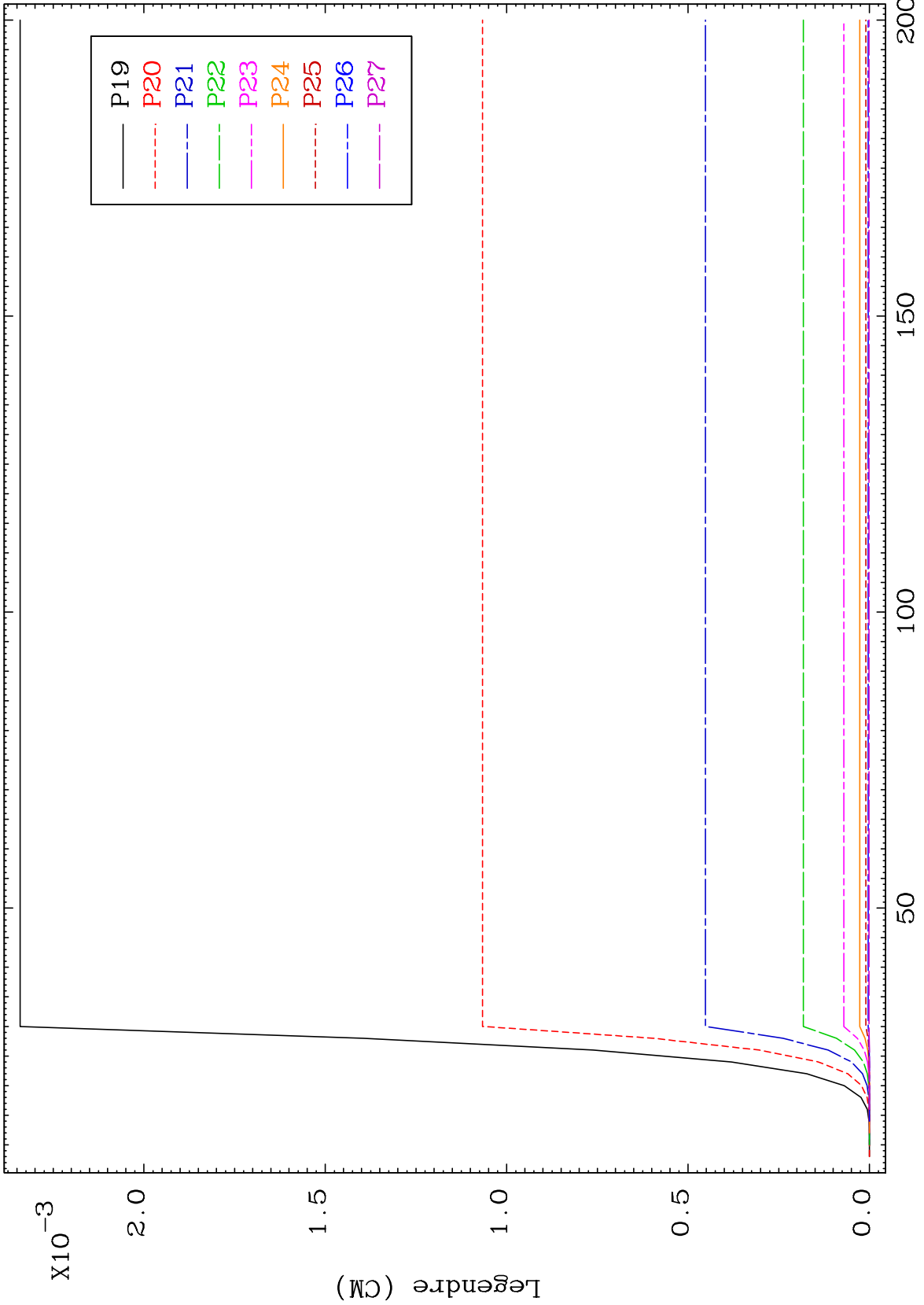
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



54

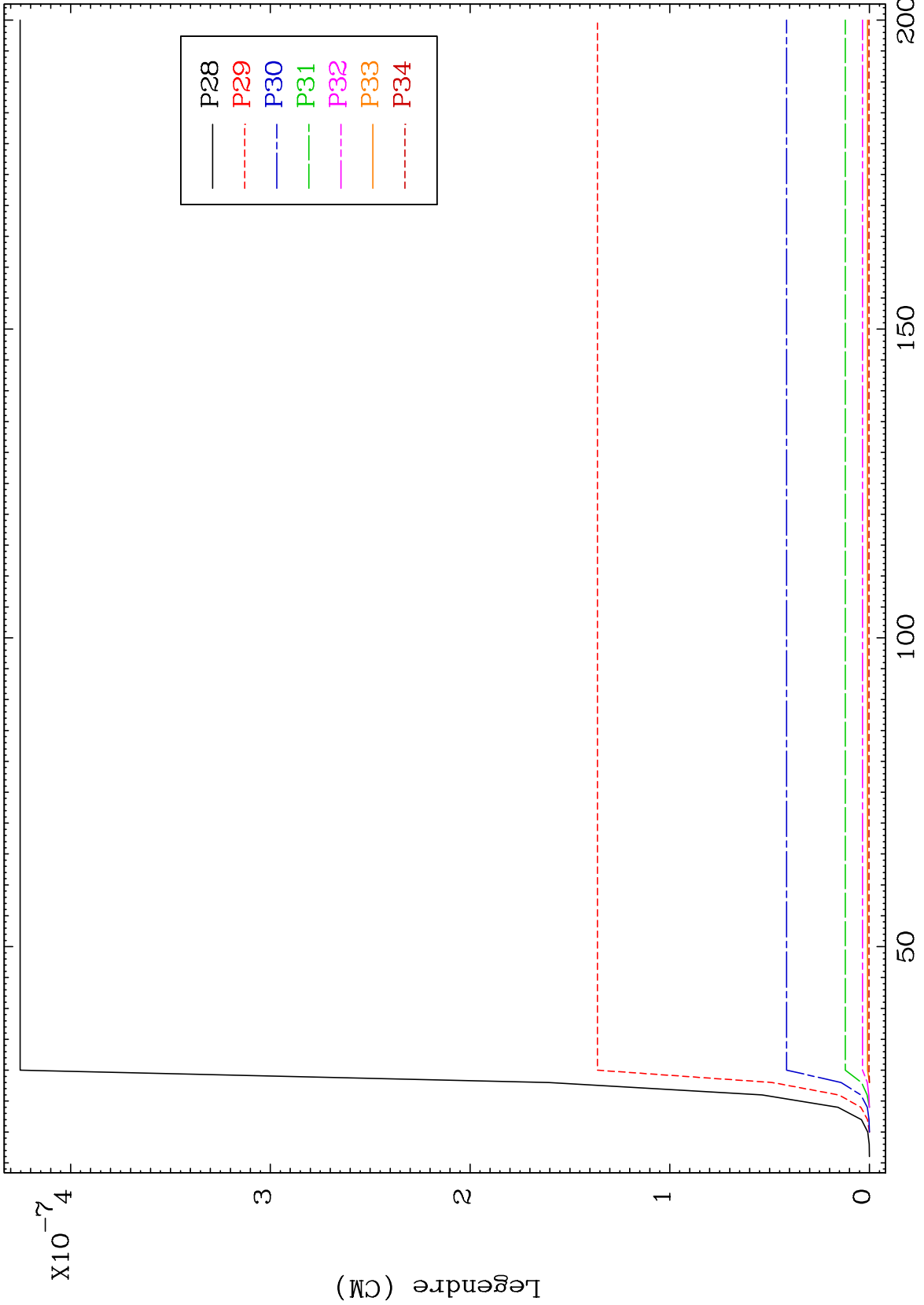
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



55

Incident Energy (MeV)

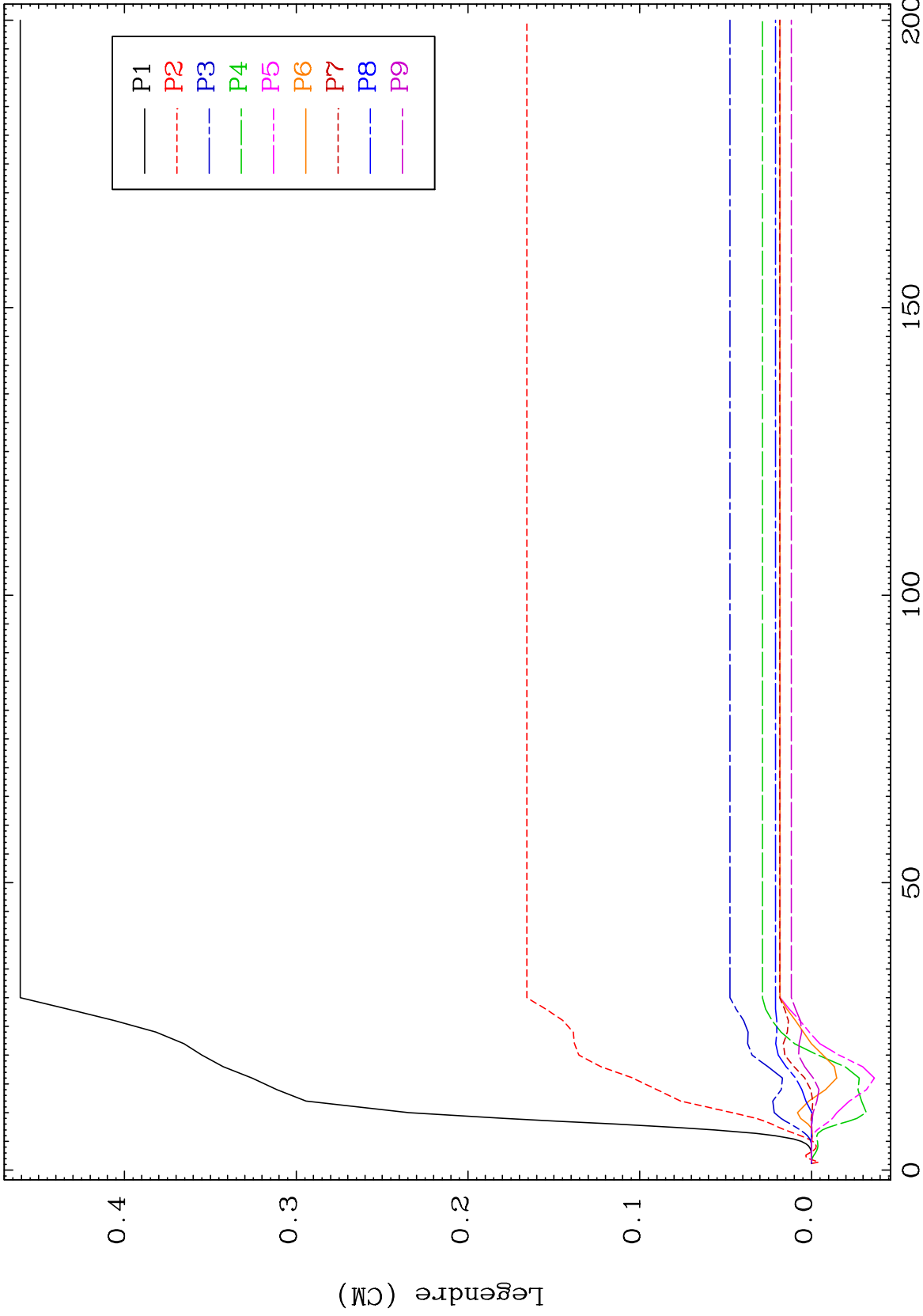
36-Kr-83



MAT 3640

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

36-Kr-83



56

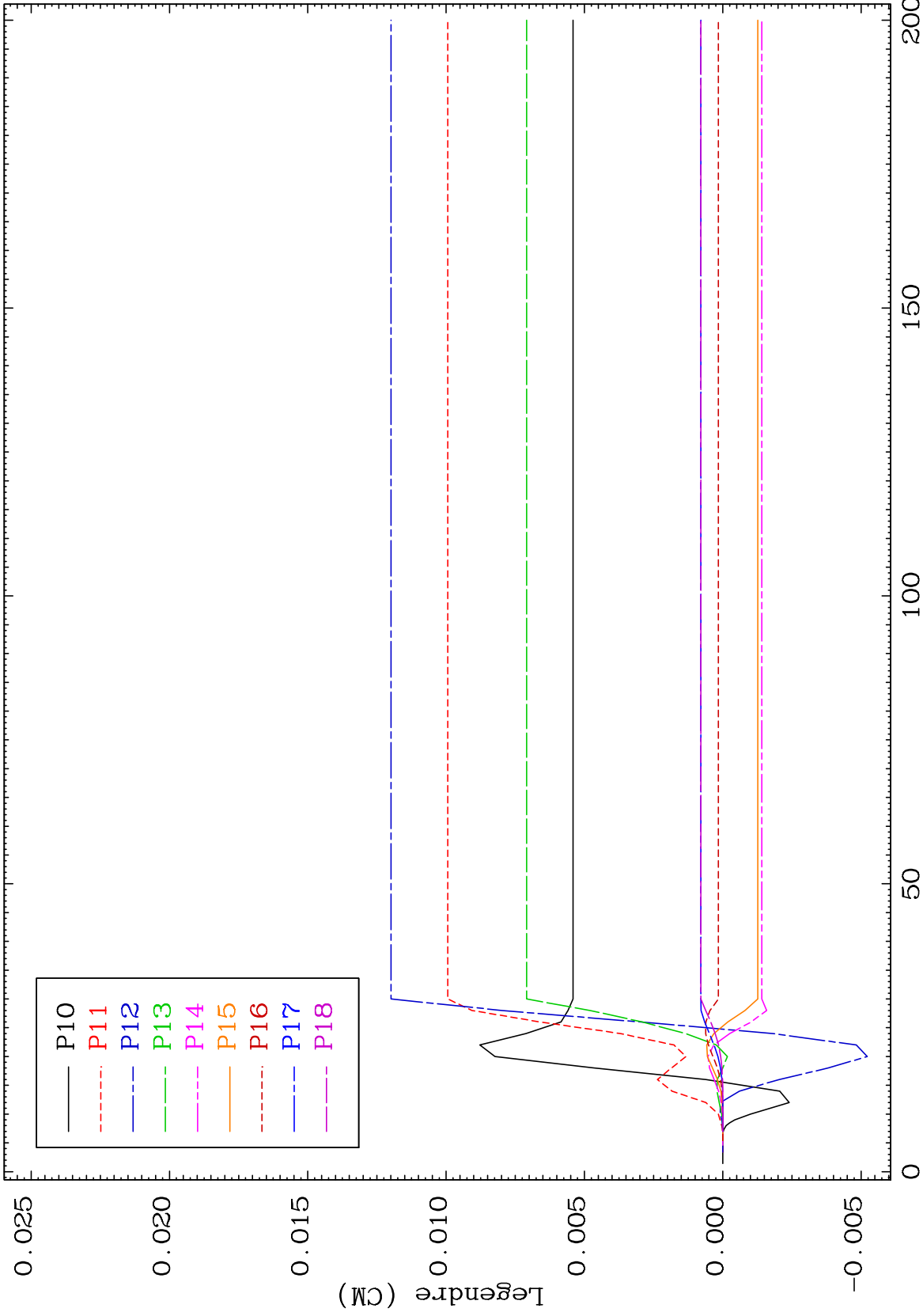
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



57

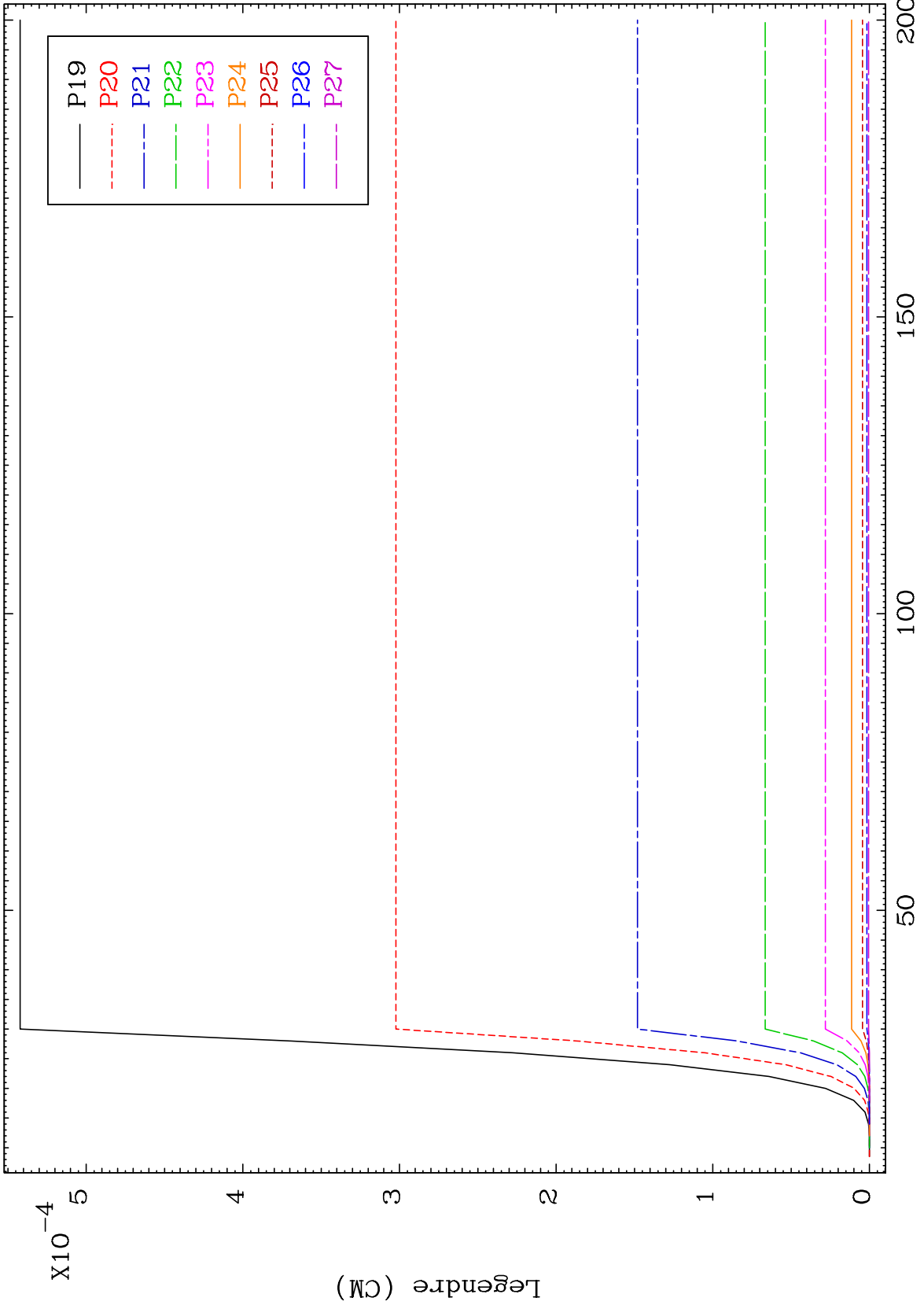
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



58

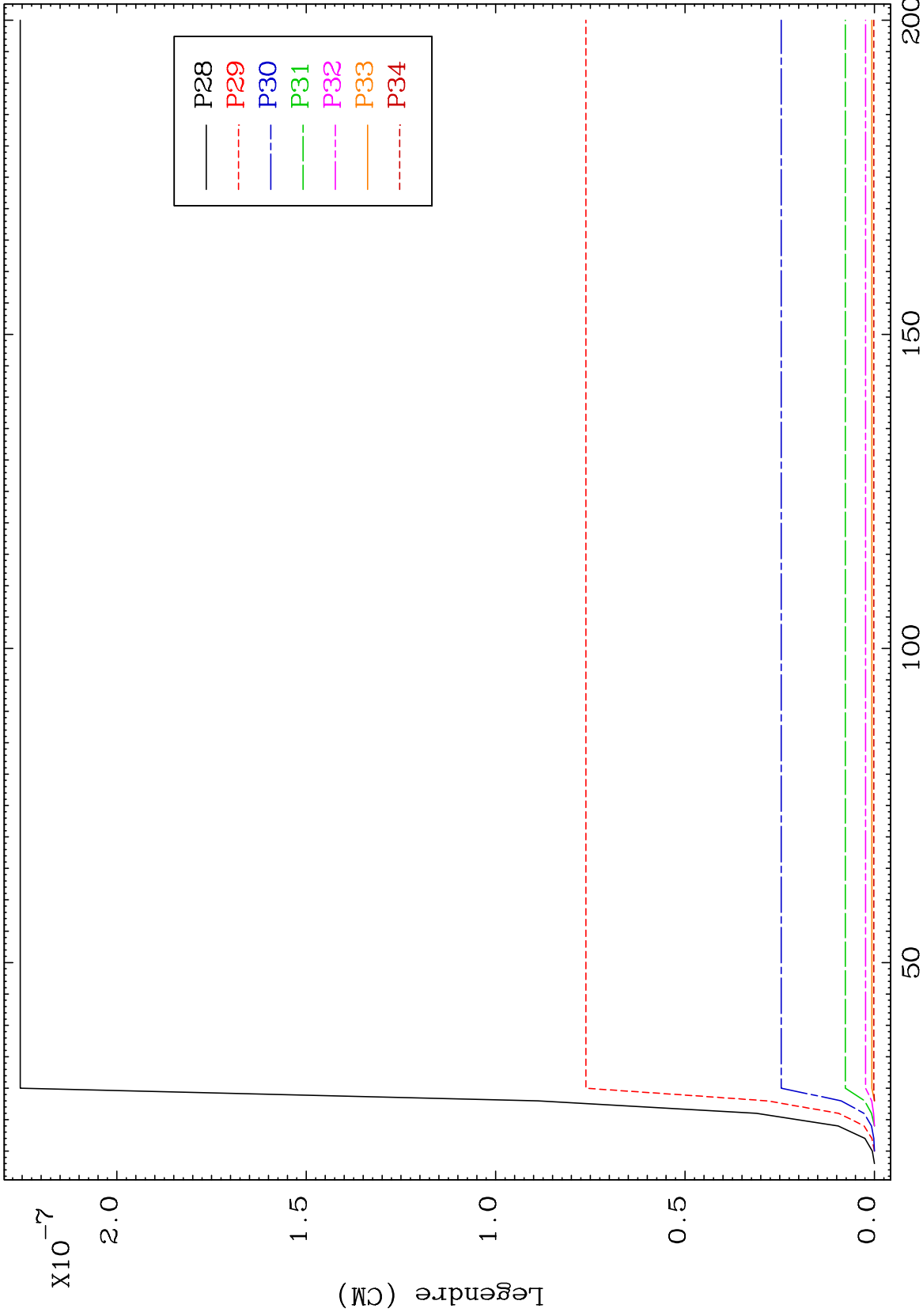
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



59

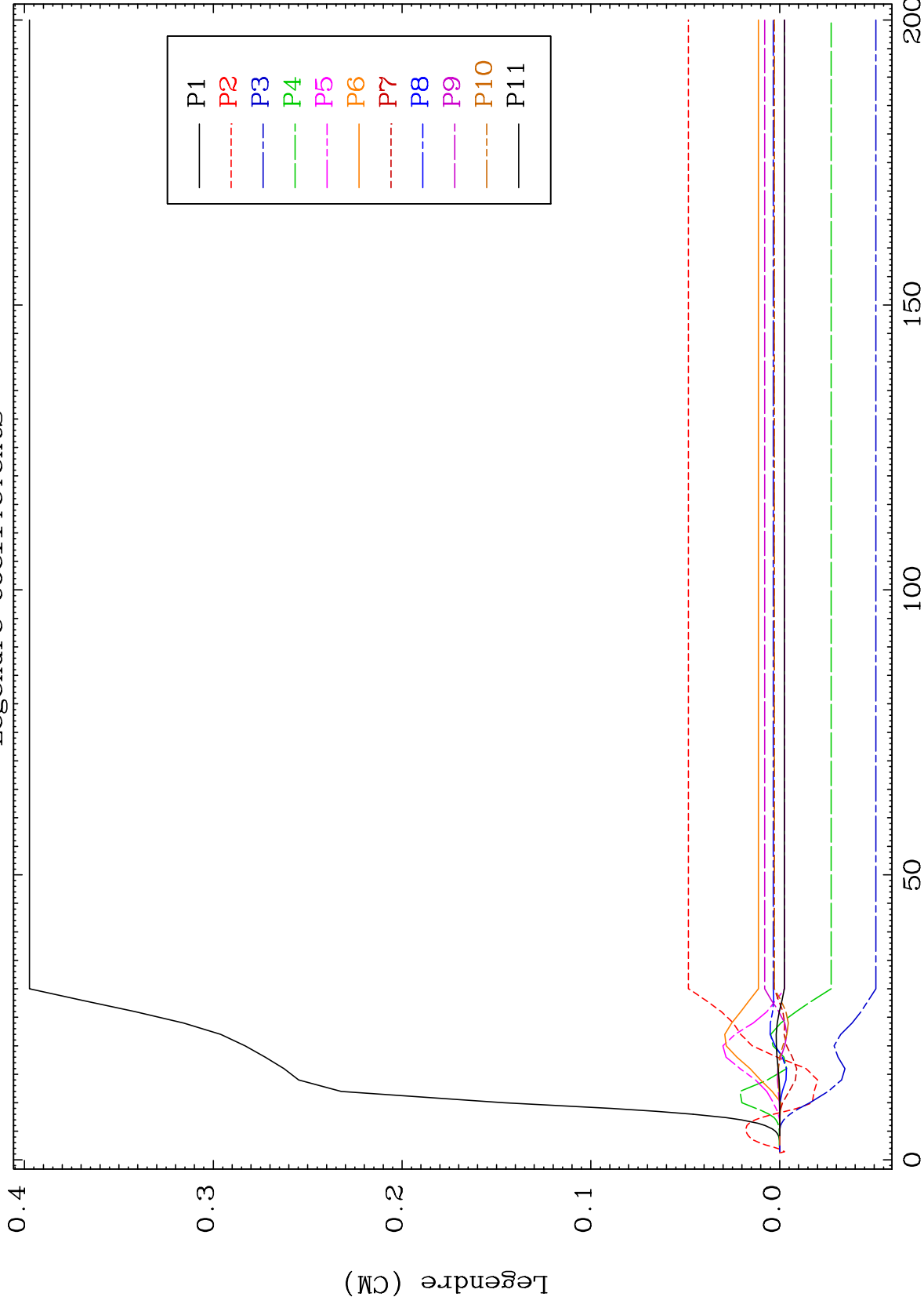
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



36-Kr-83

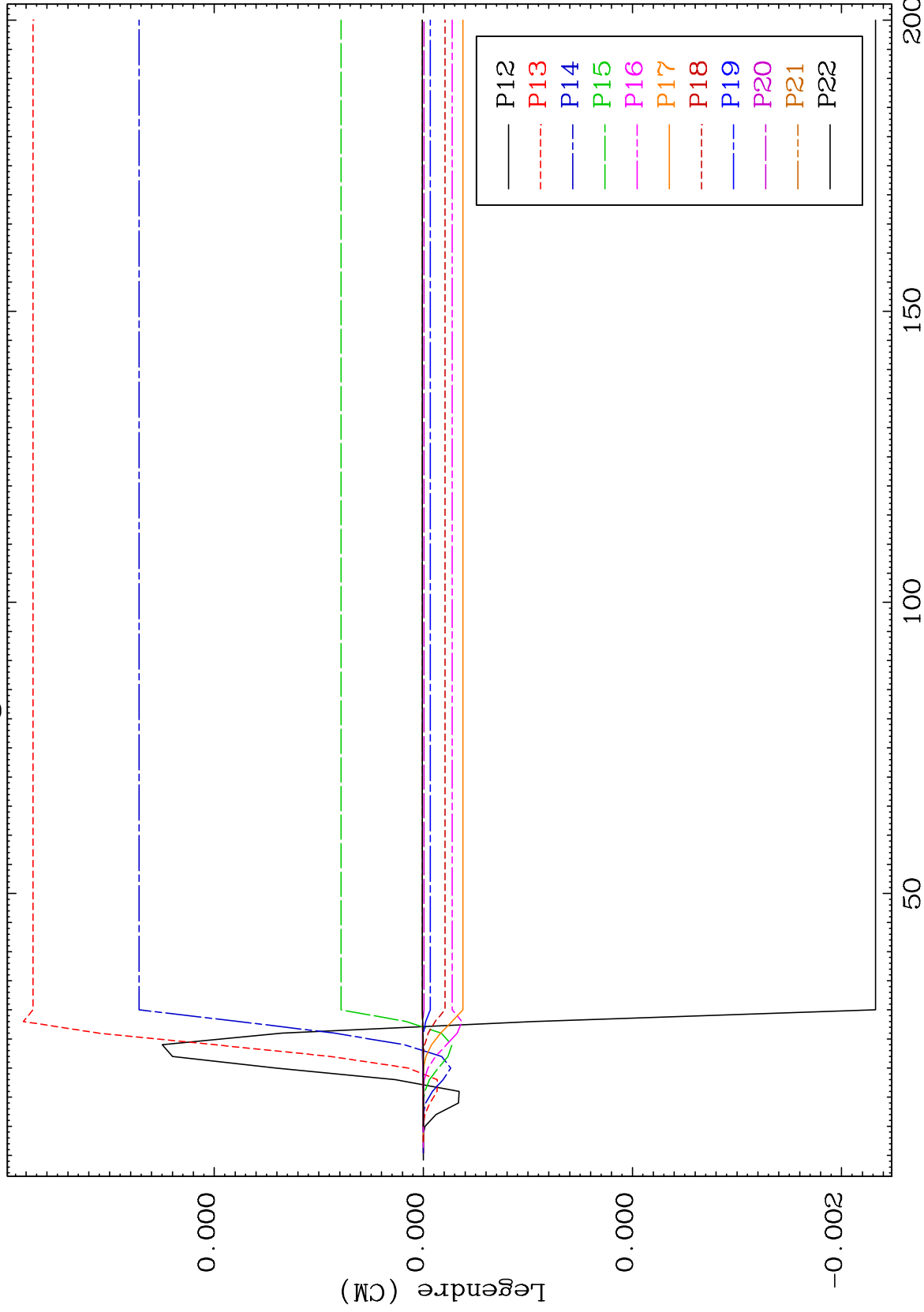
Incident Energy (MeV)

60

MAT 3640

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

36-Kr-83



61

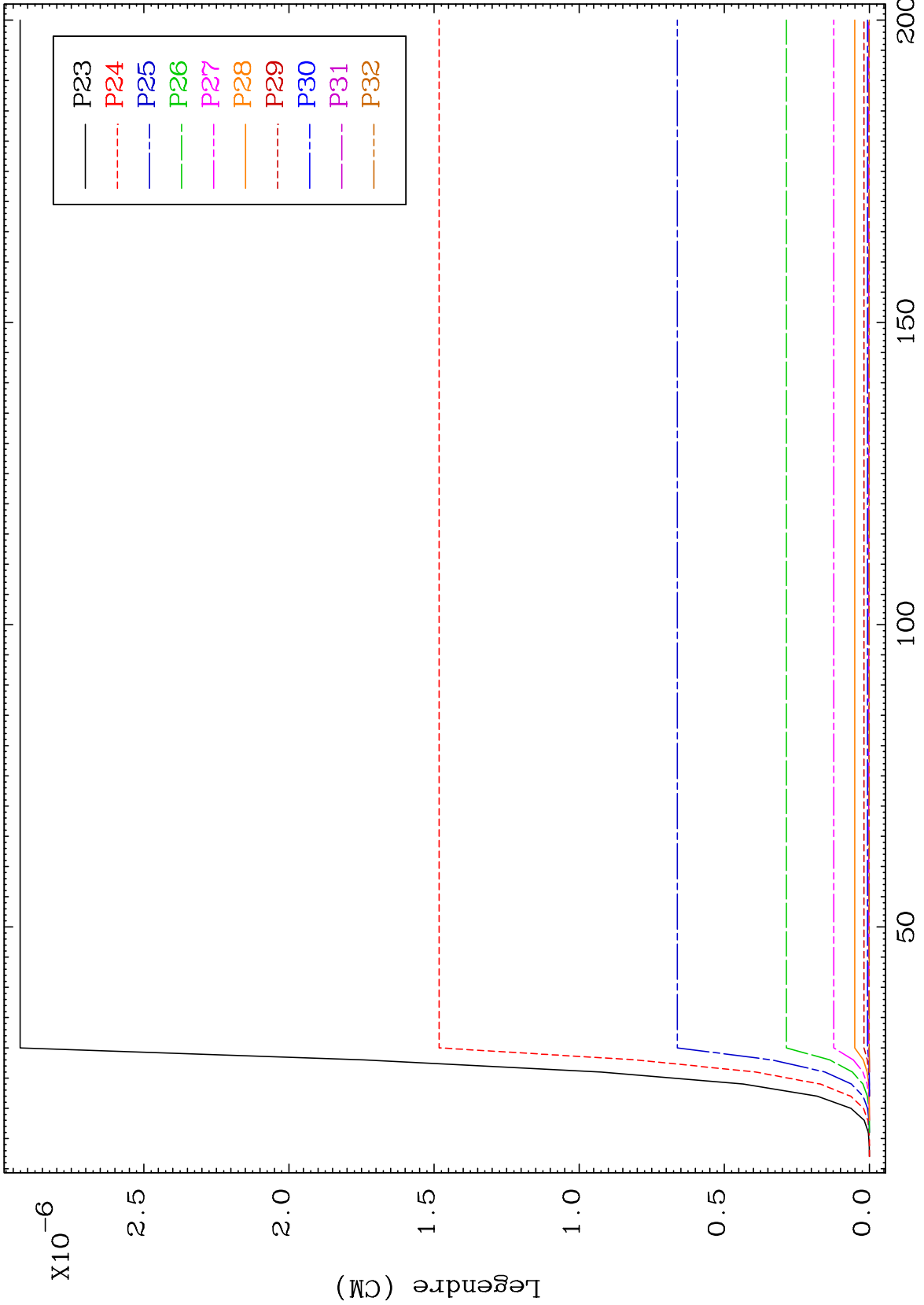
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



62

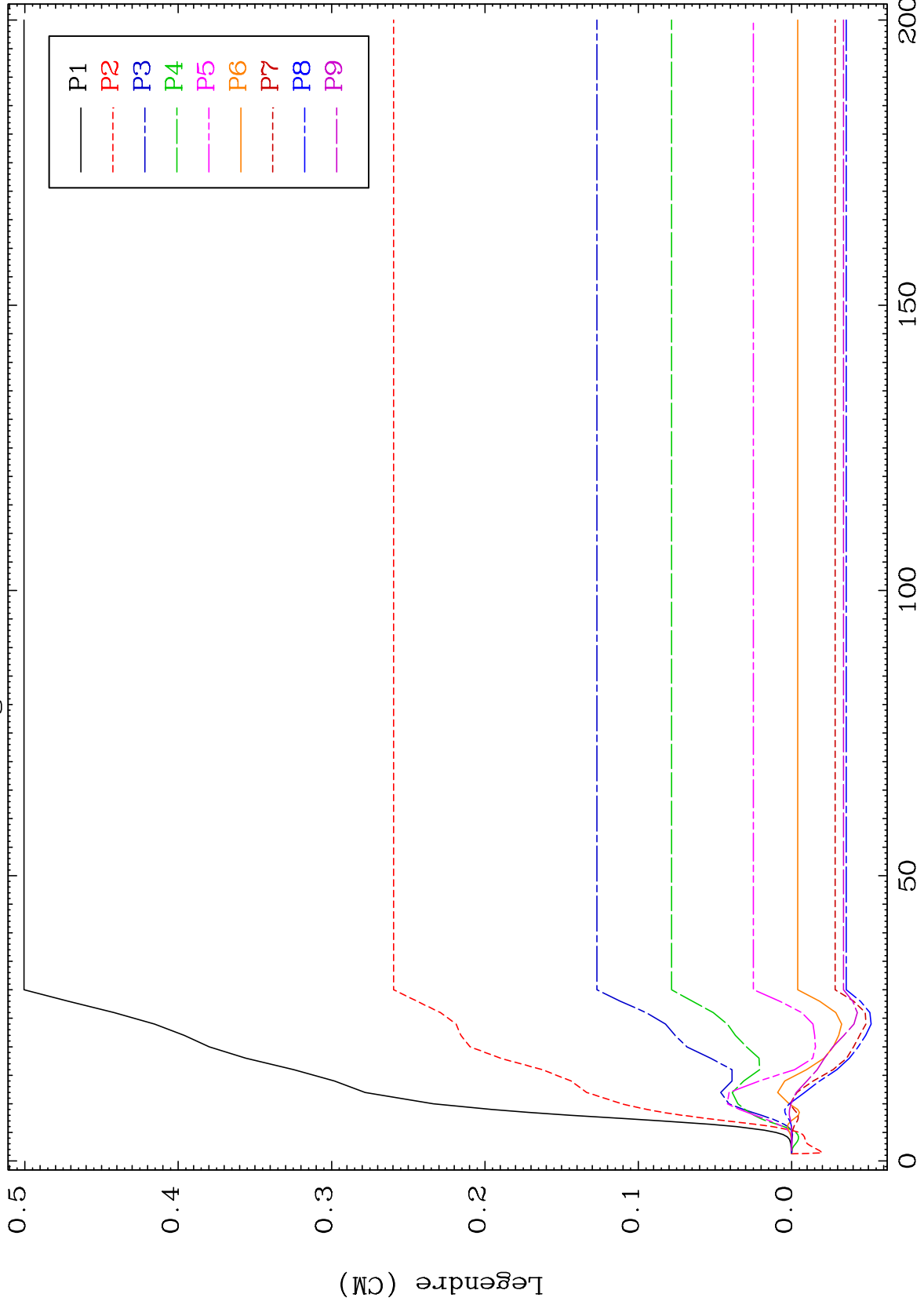
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83

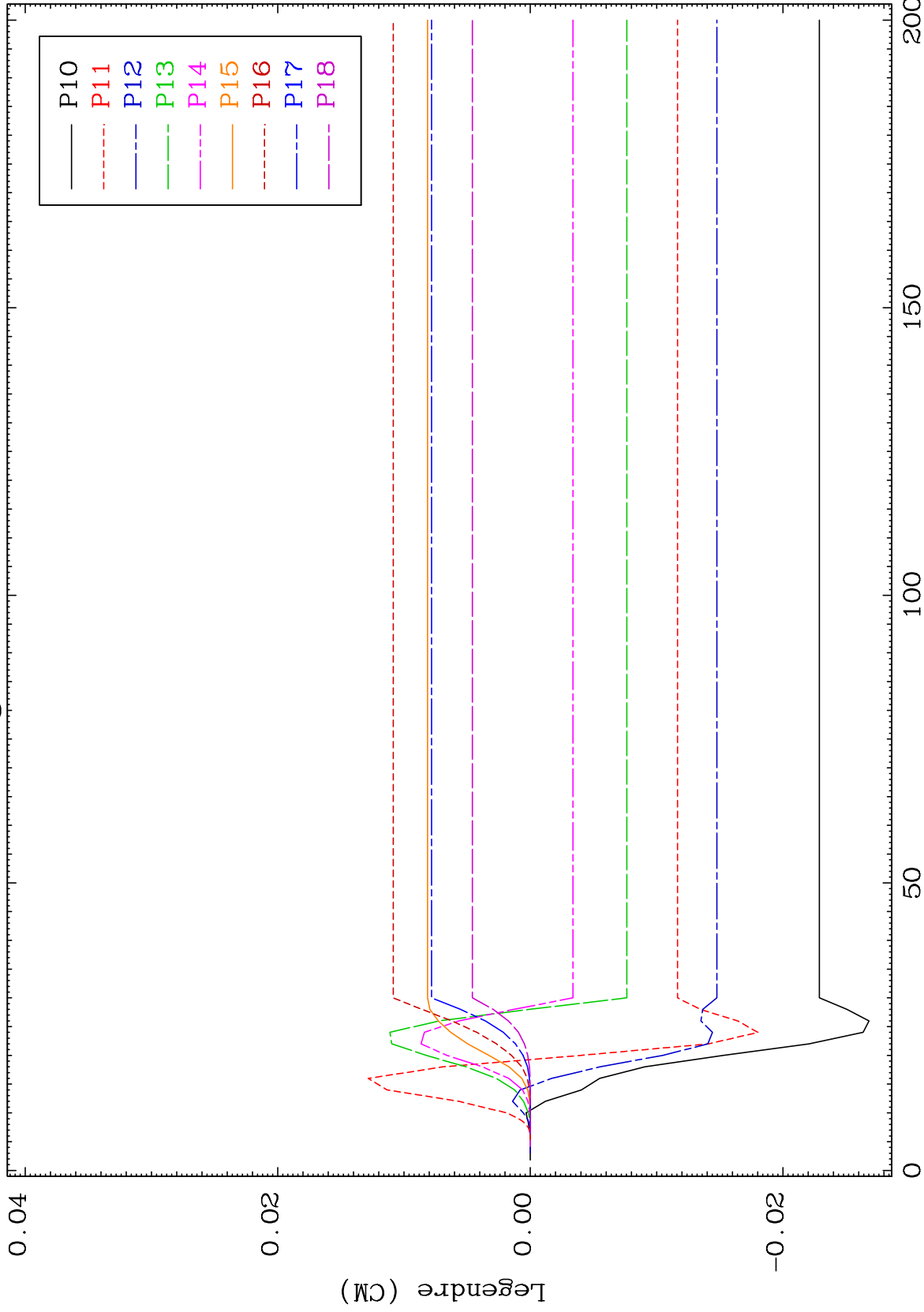




MAT 3640

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

36-Kr-83



64

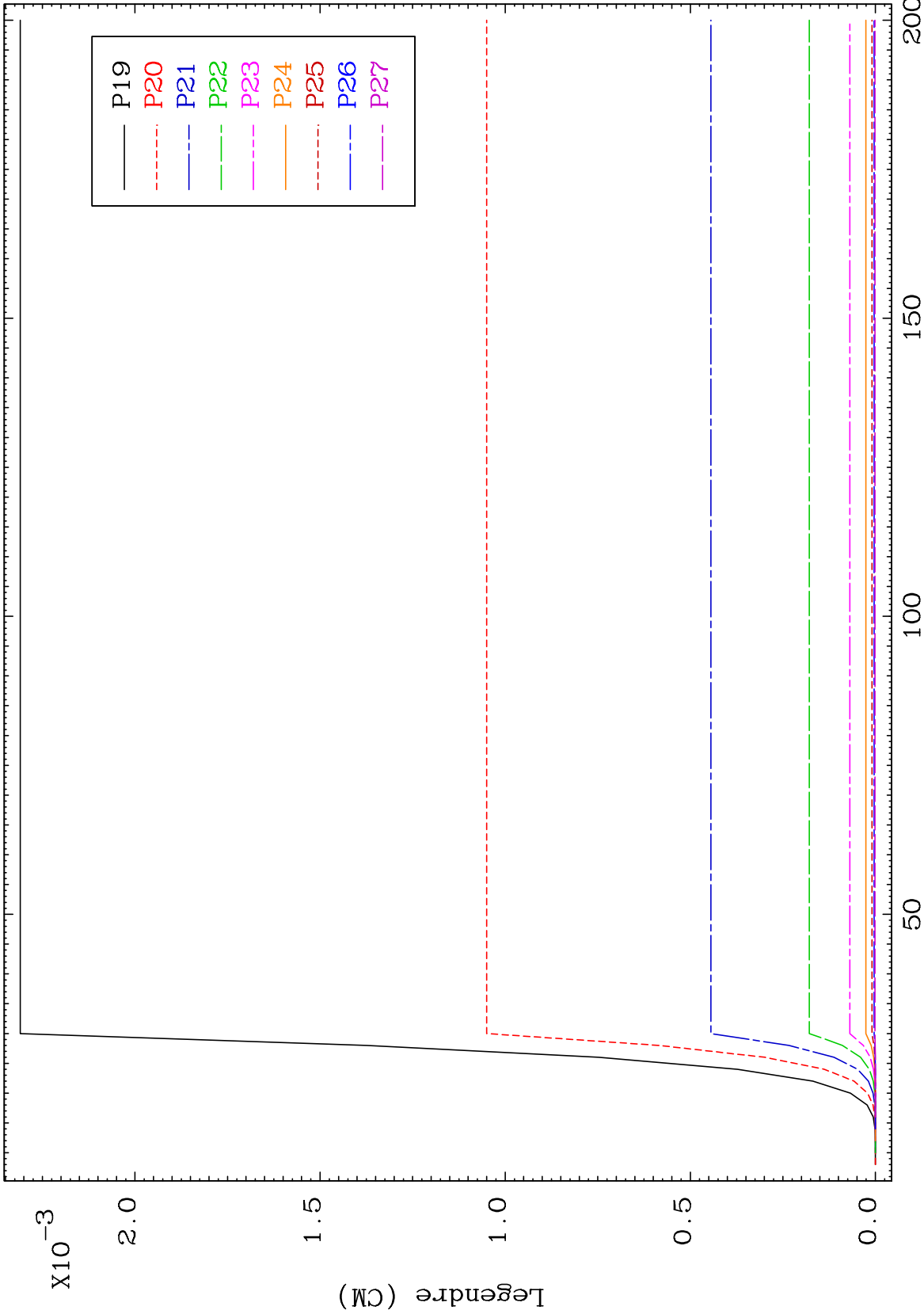
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



65

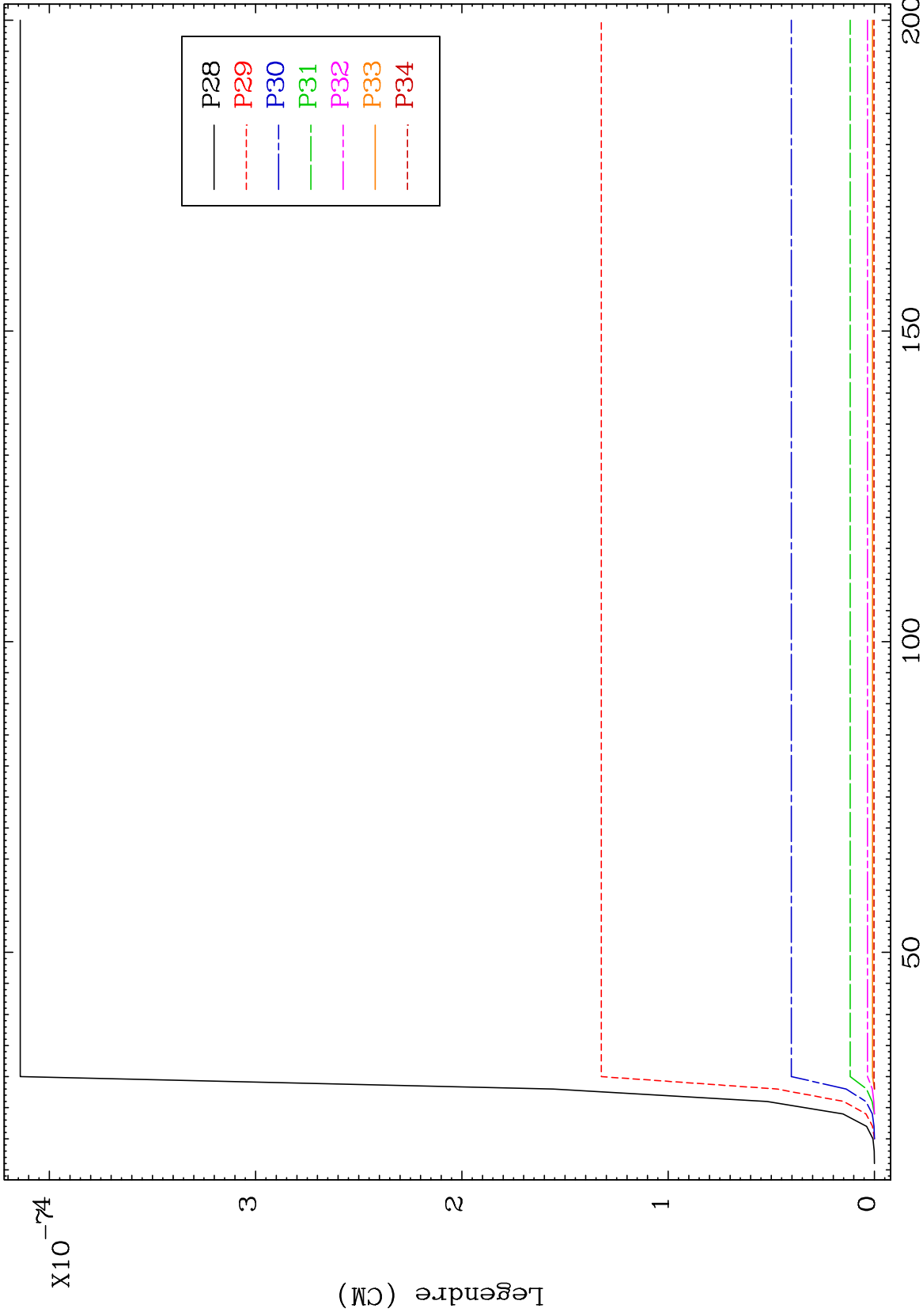
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



66

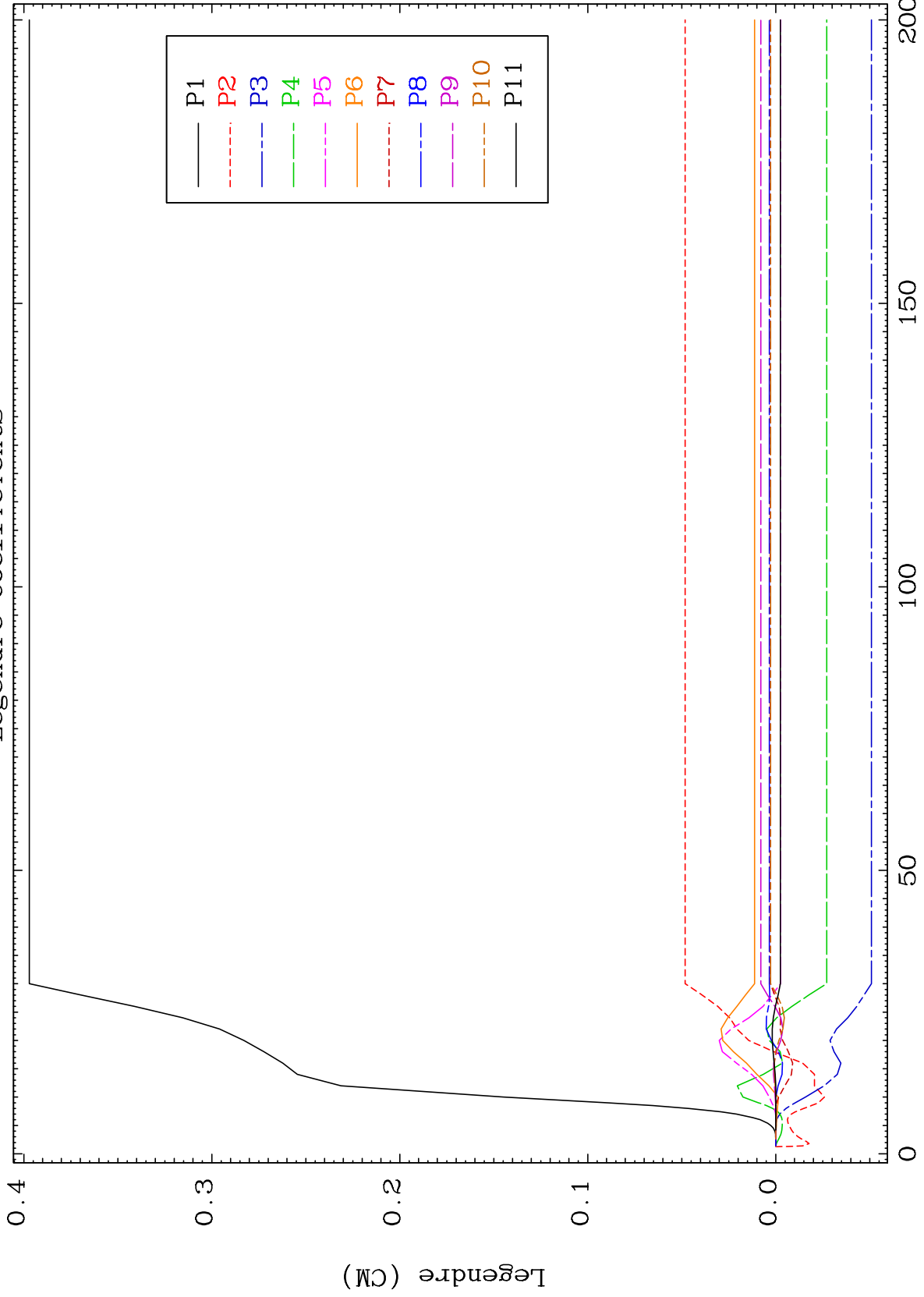
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



67

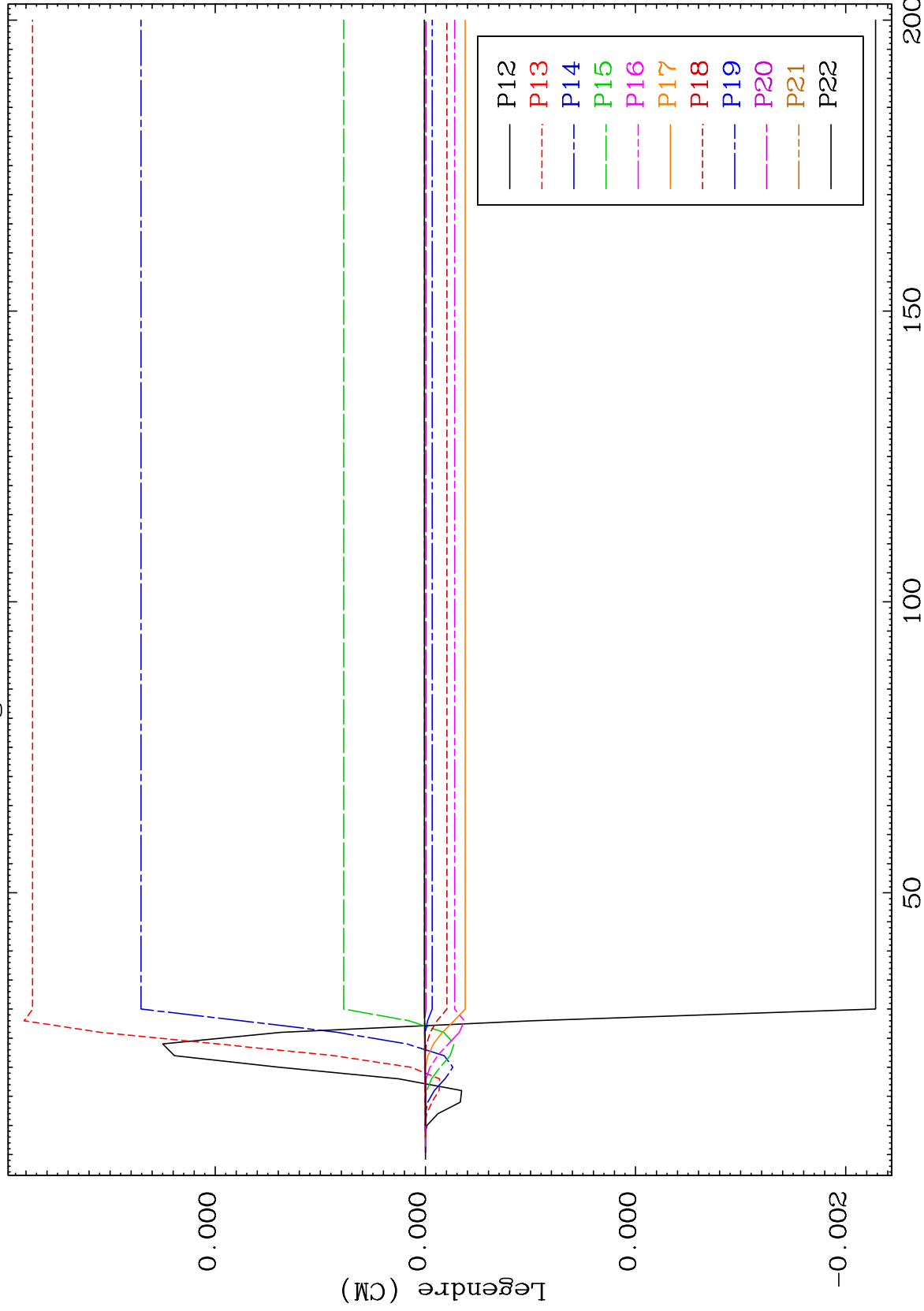
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



68

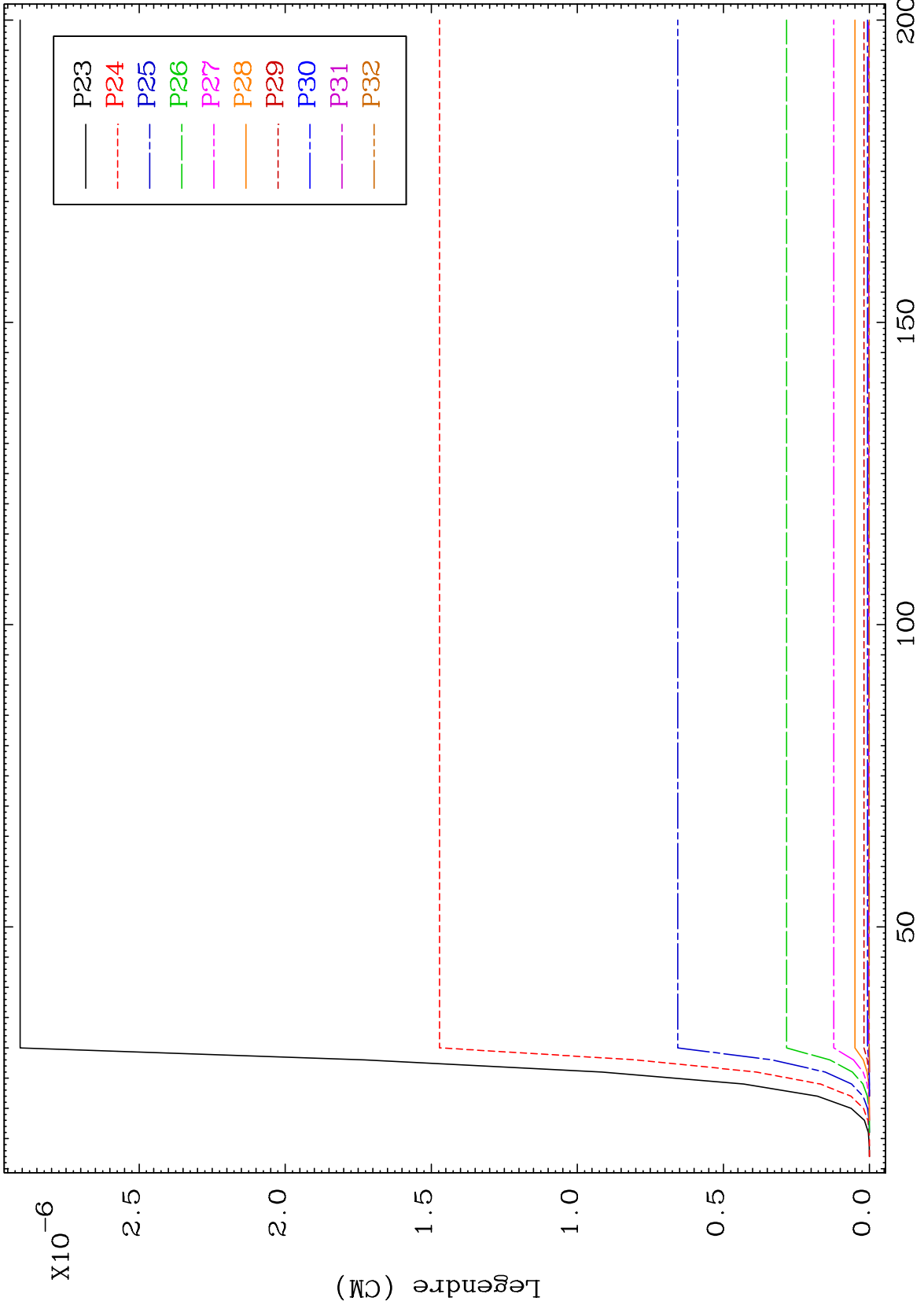
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



69

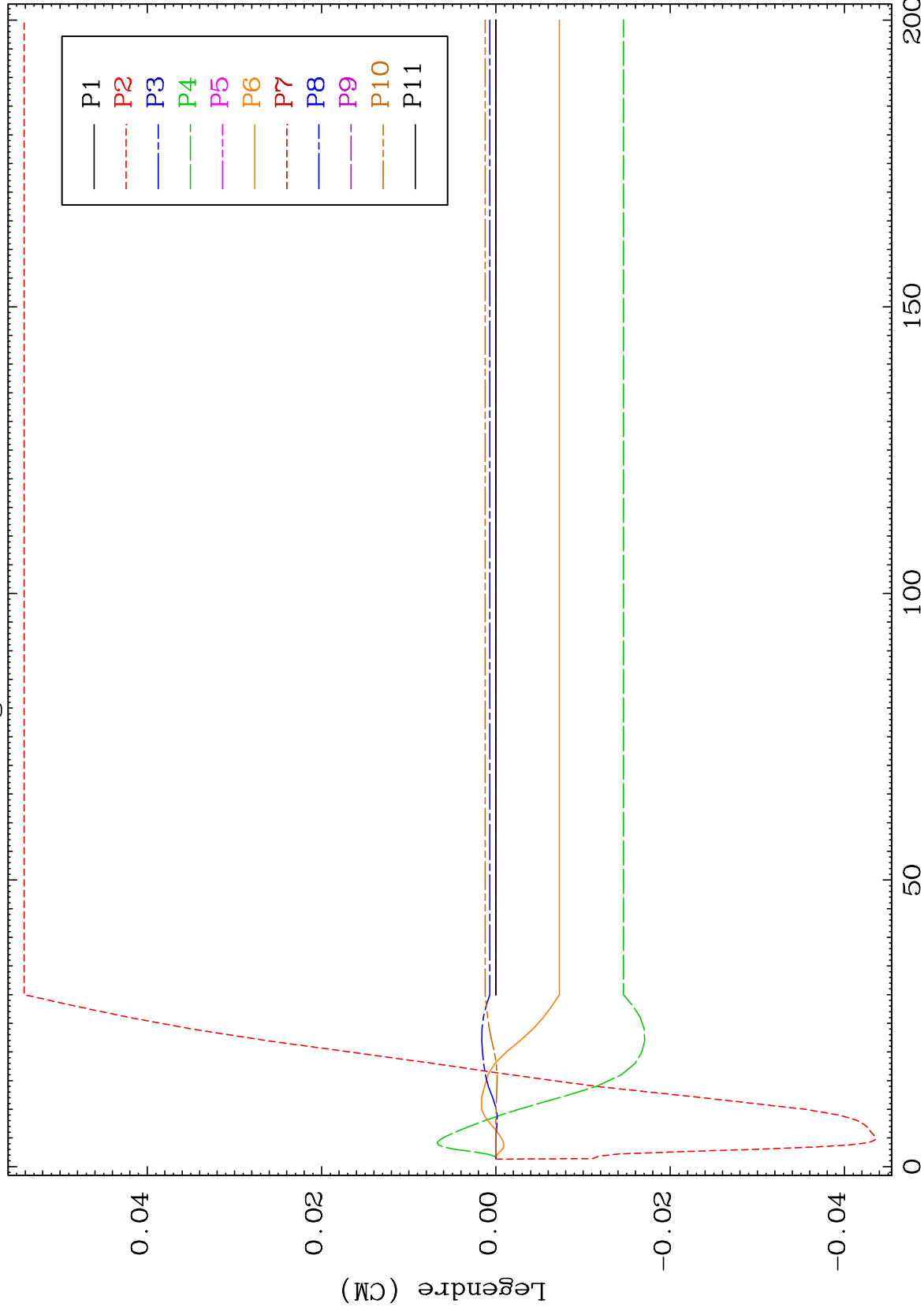
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

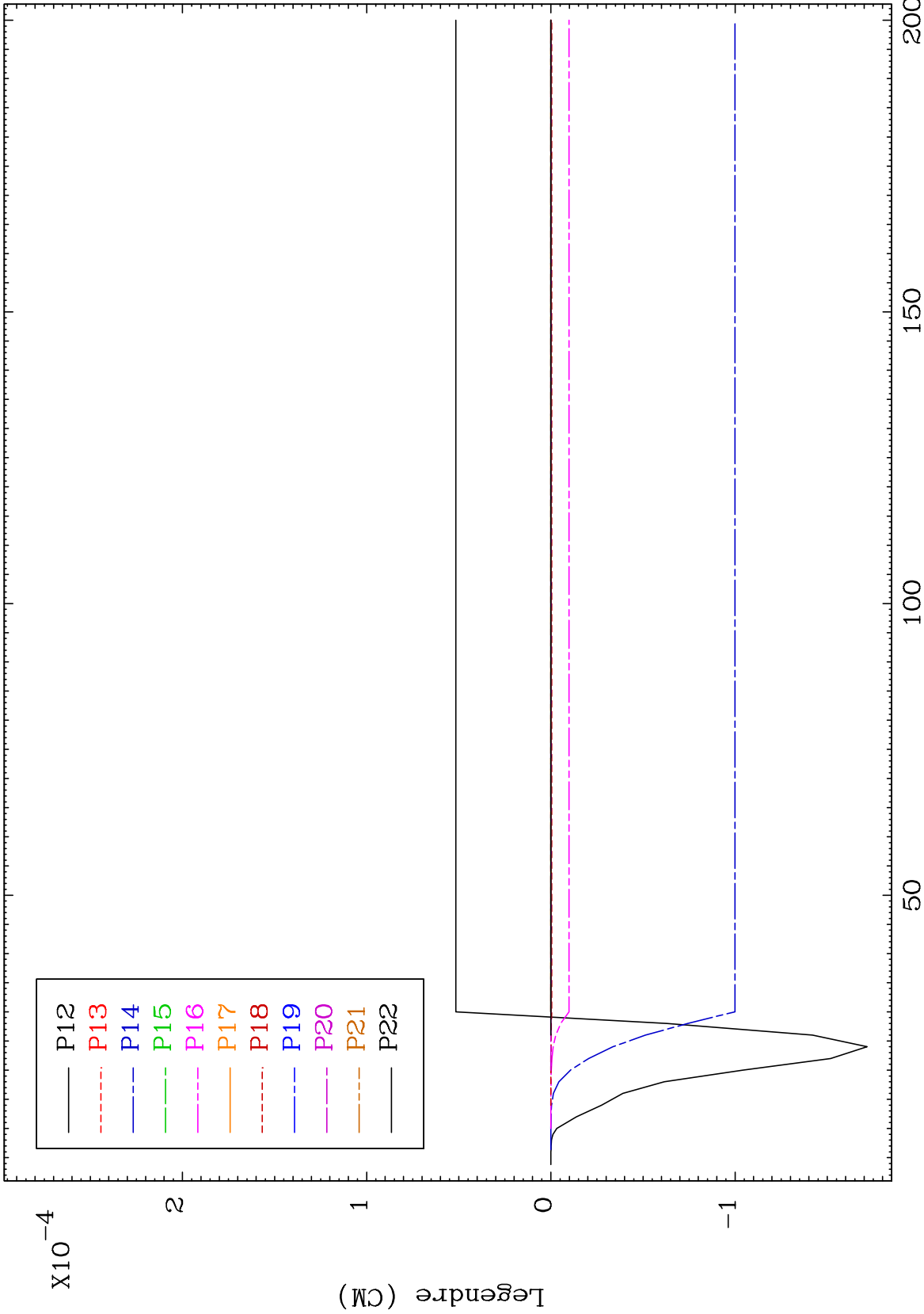
36-Kr-83



70

Incident Energy (MeV)

36-Kr-83

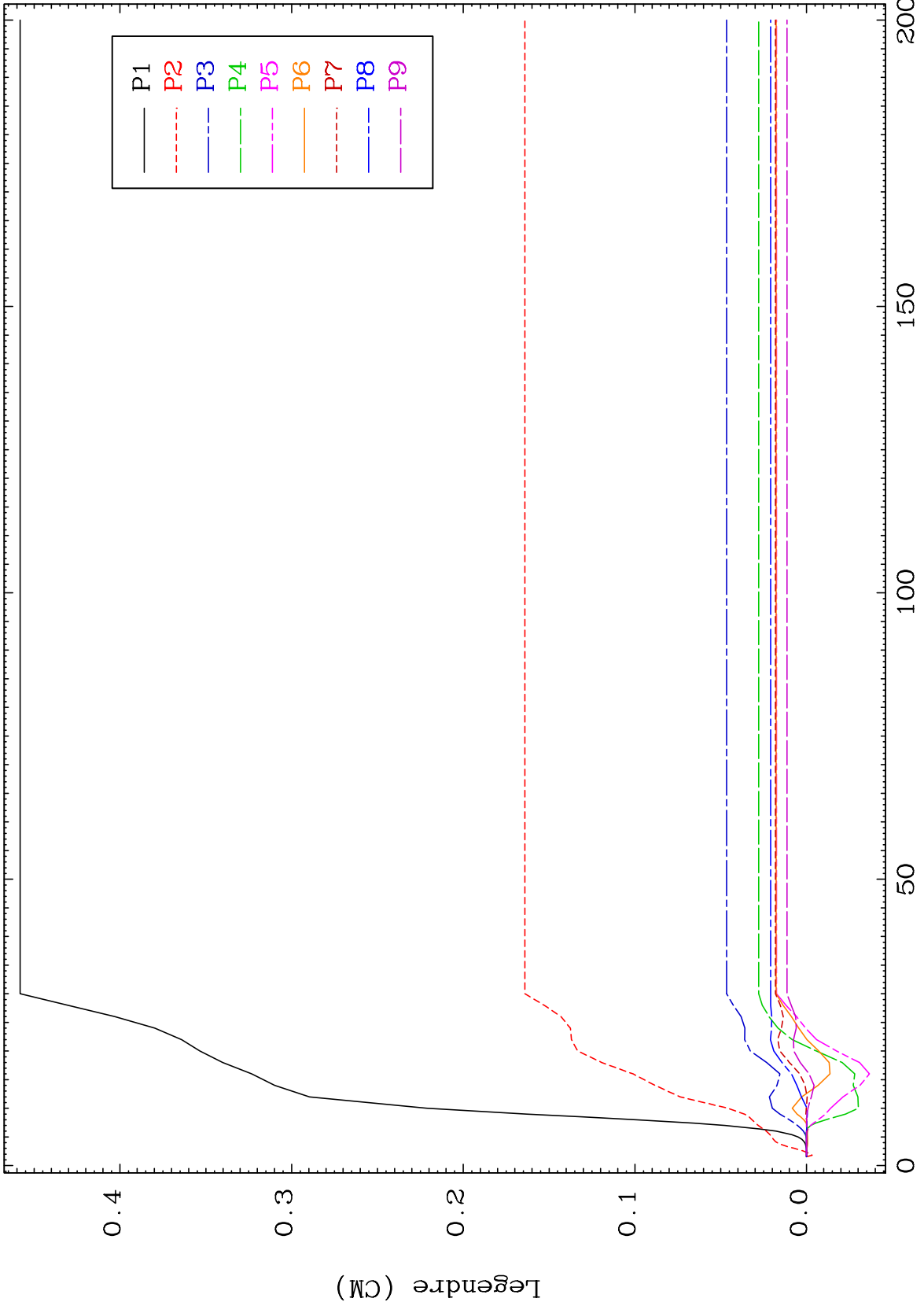




MAT 3640

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

36-Kr-83



72

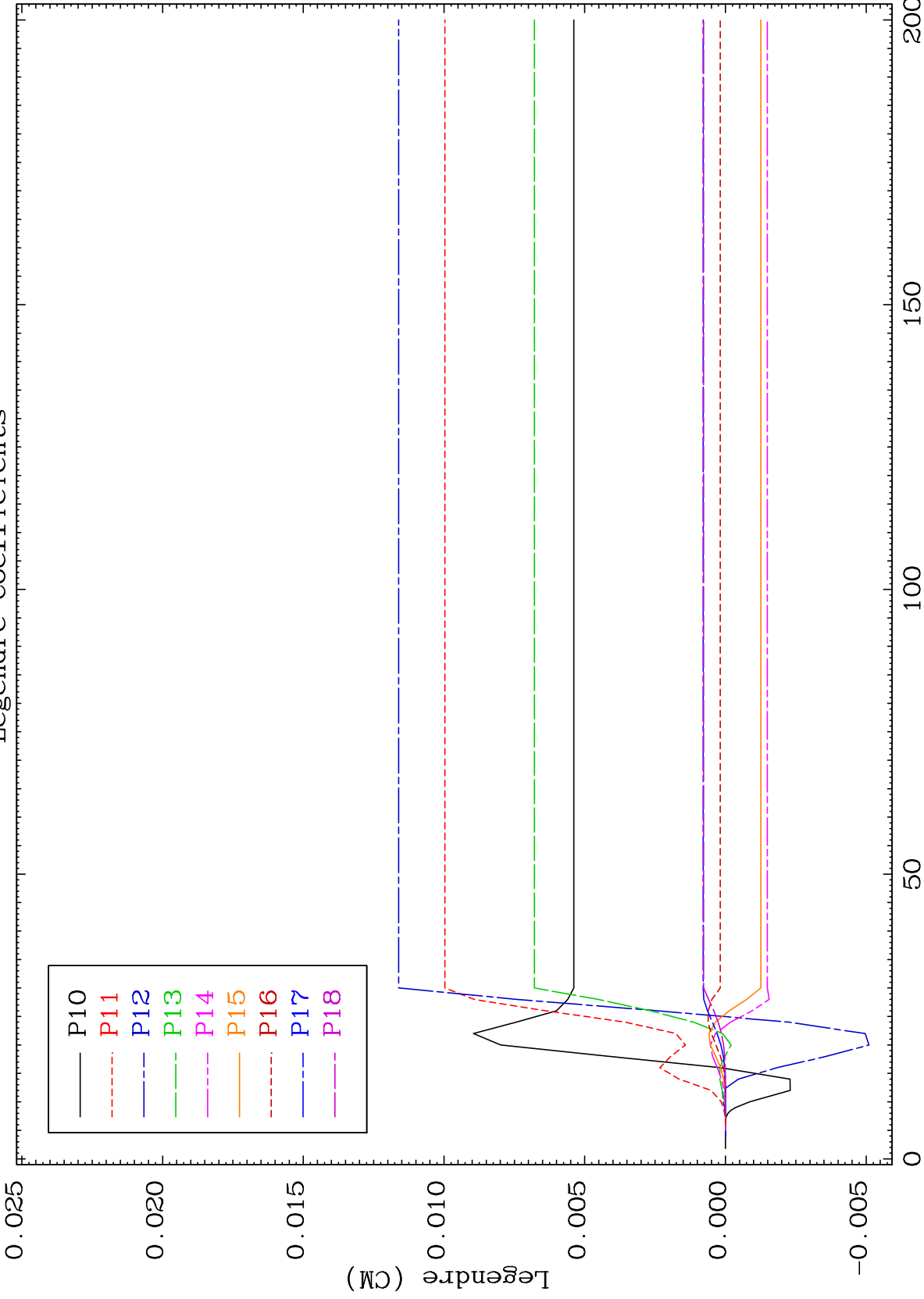
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



73

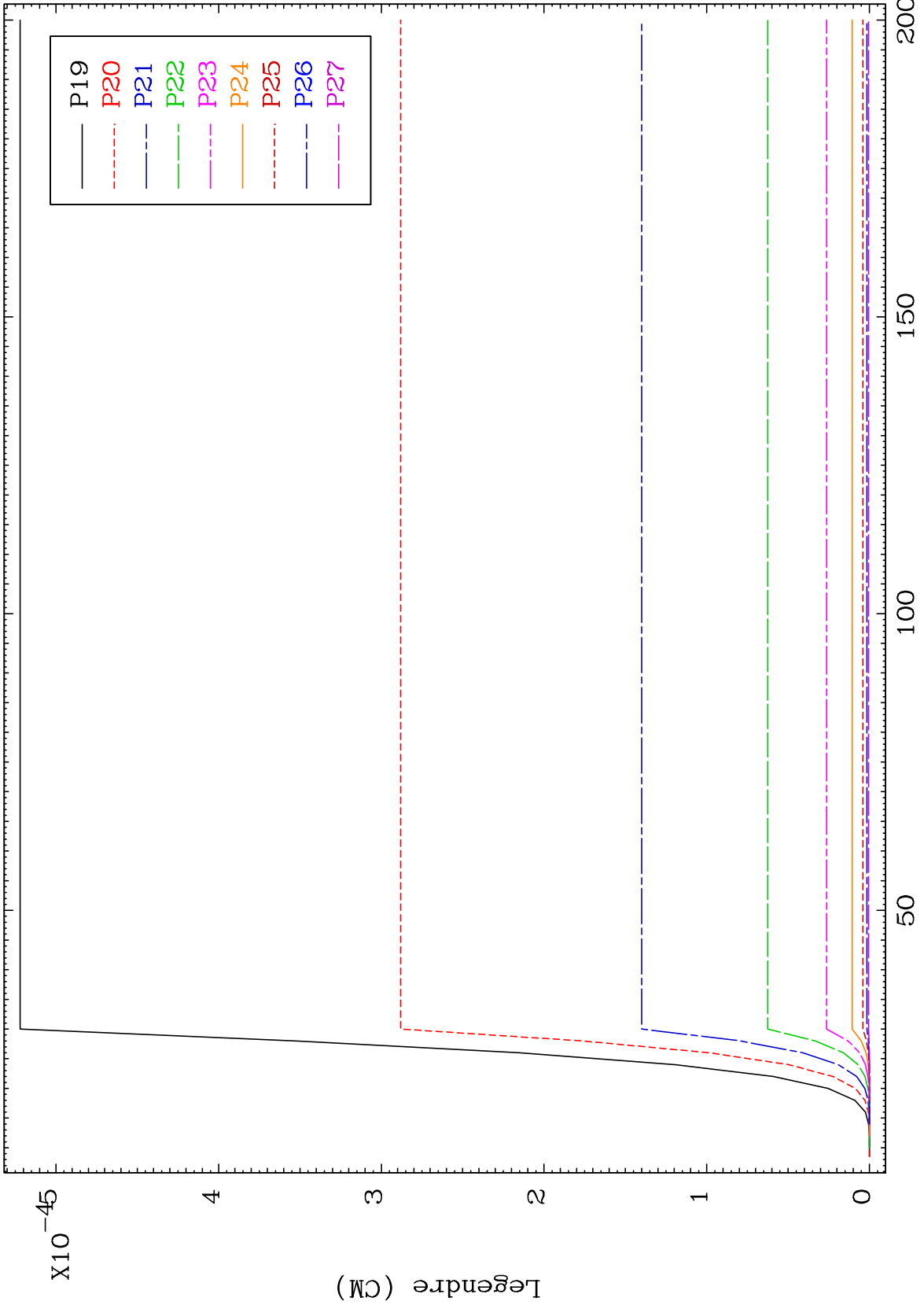
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



74

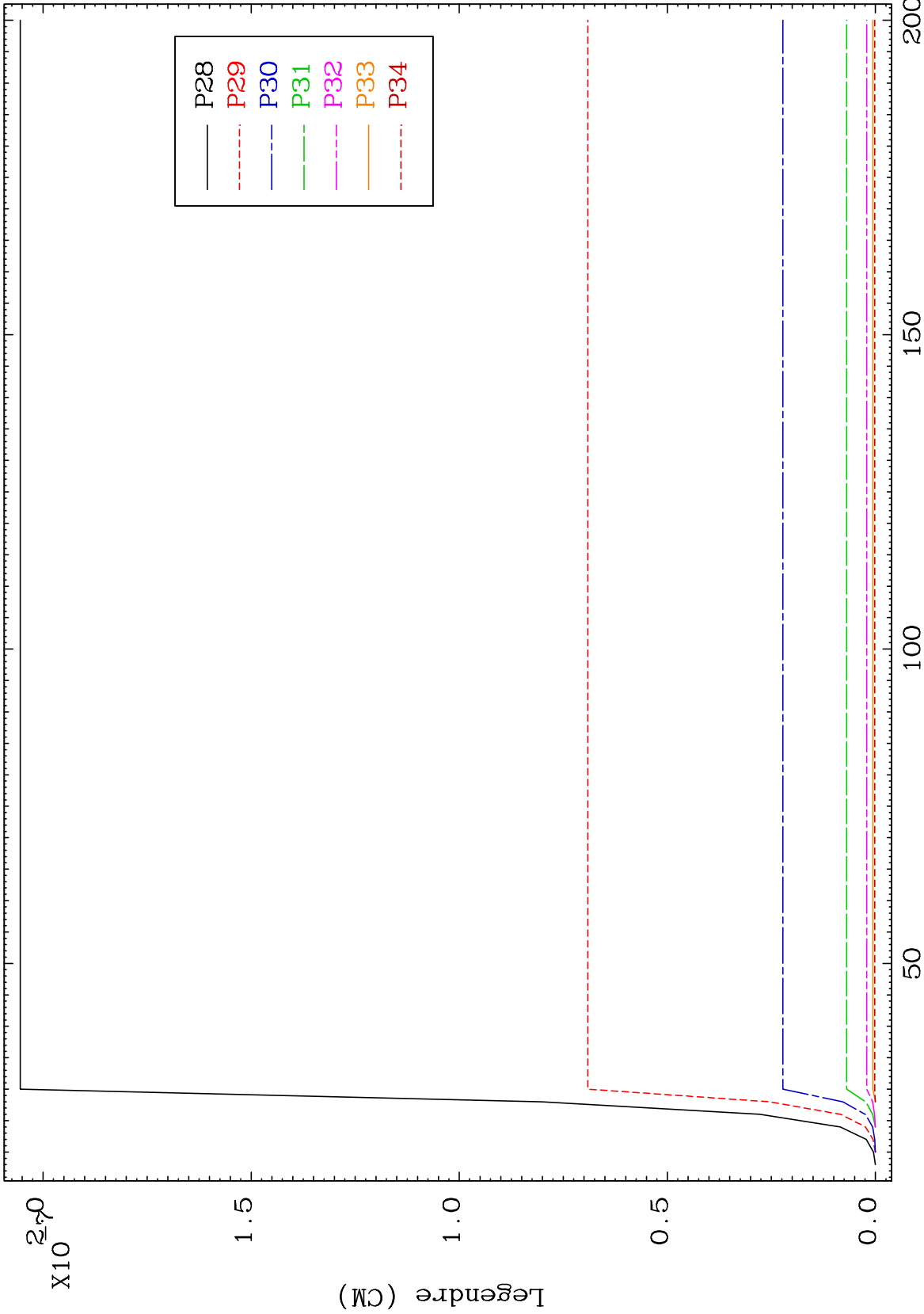
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



75

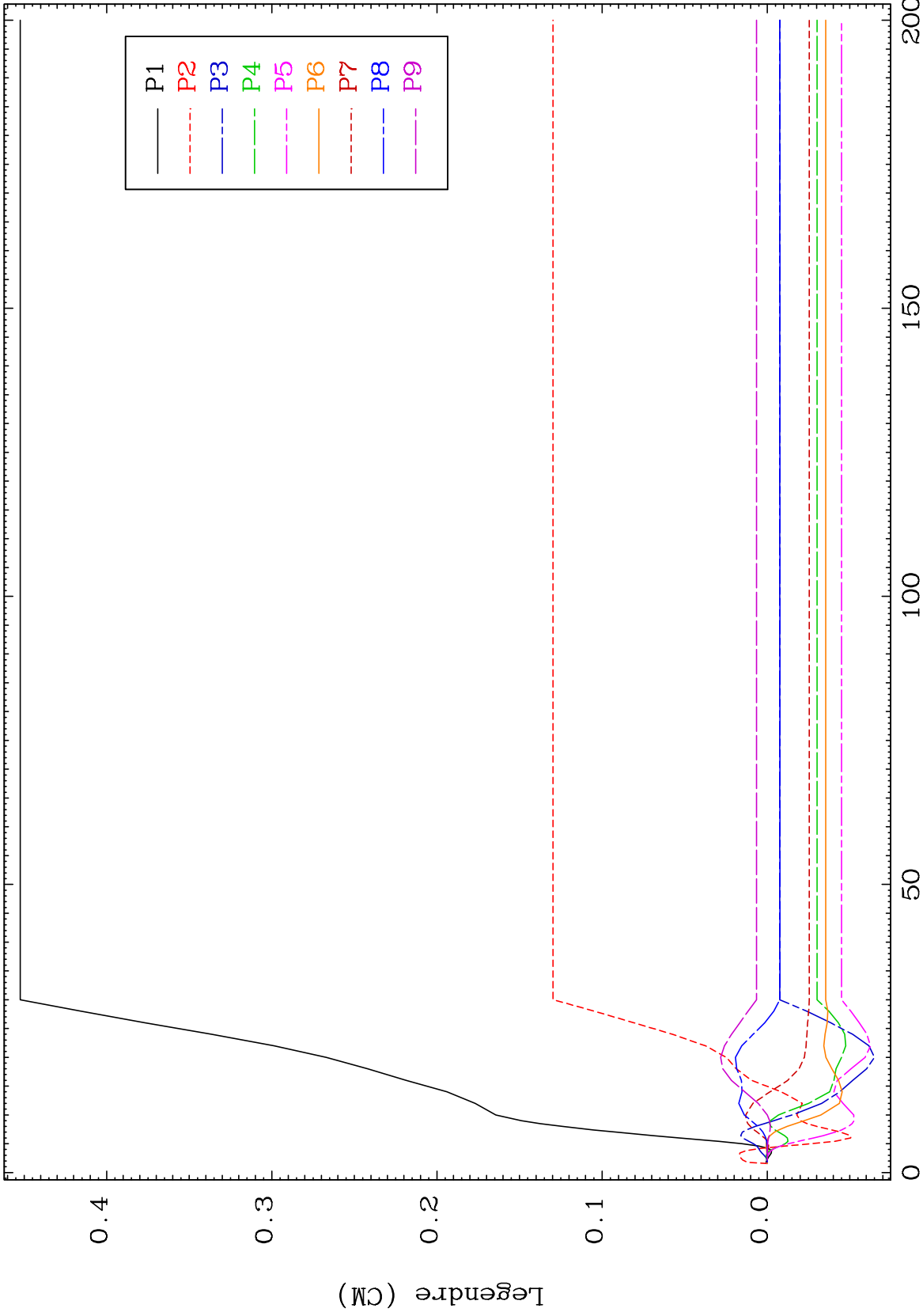
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



76

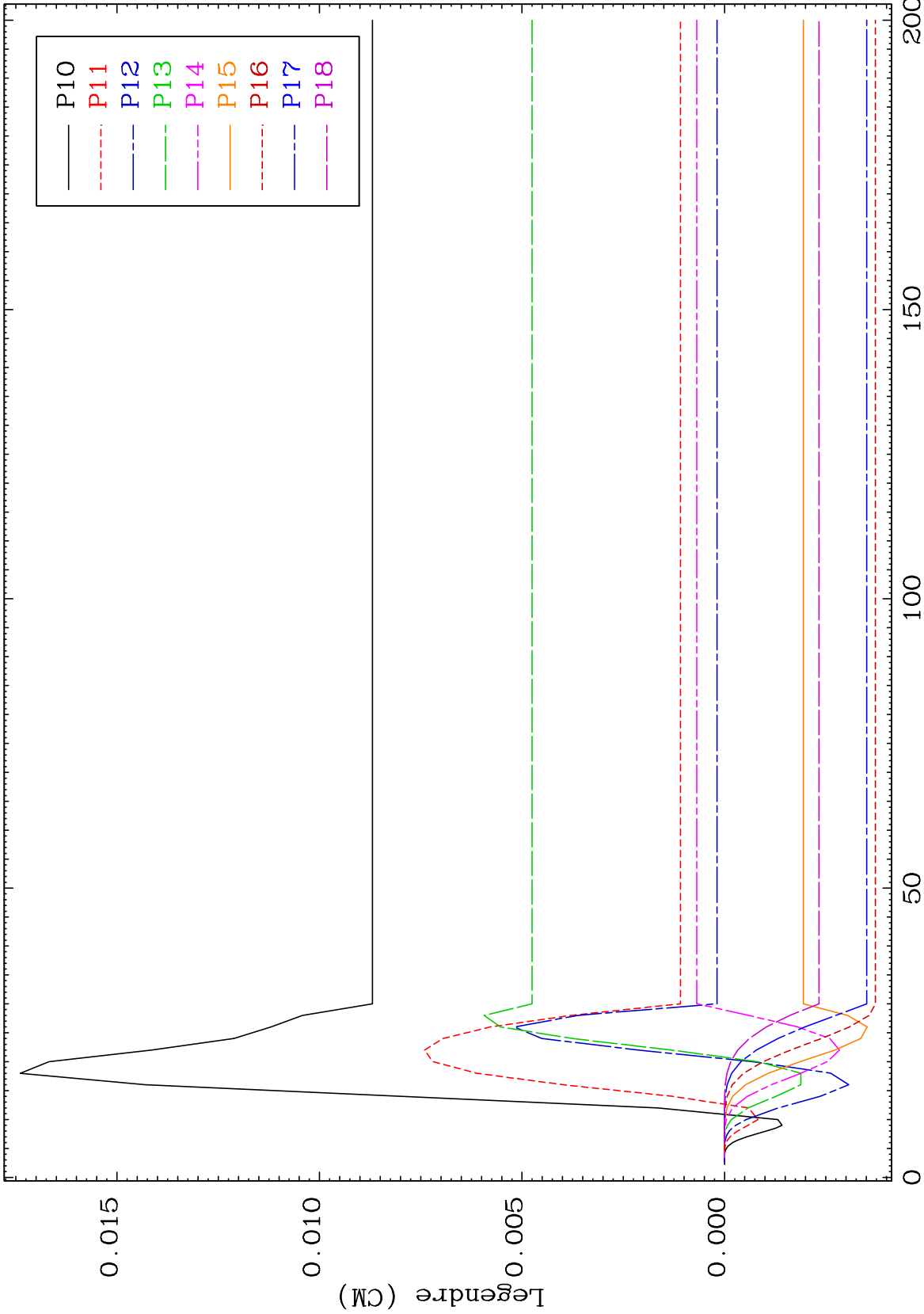
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



77

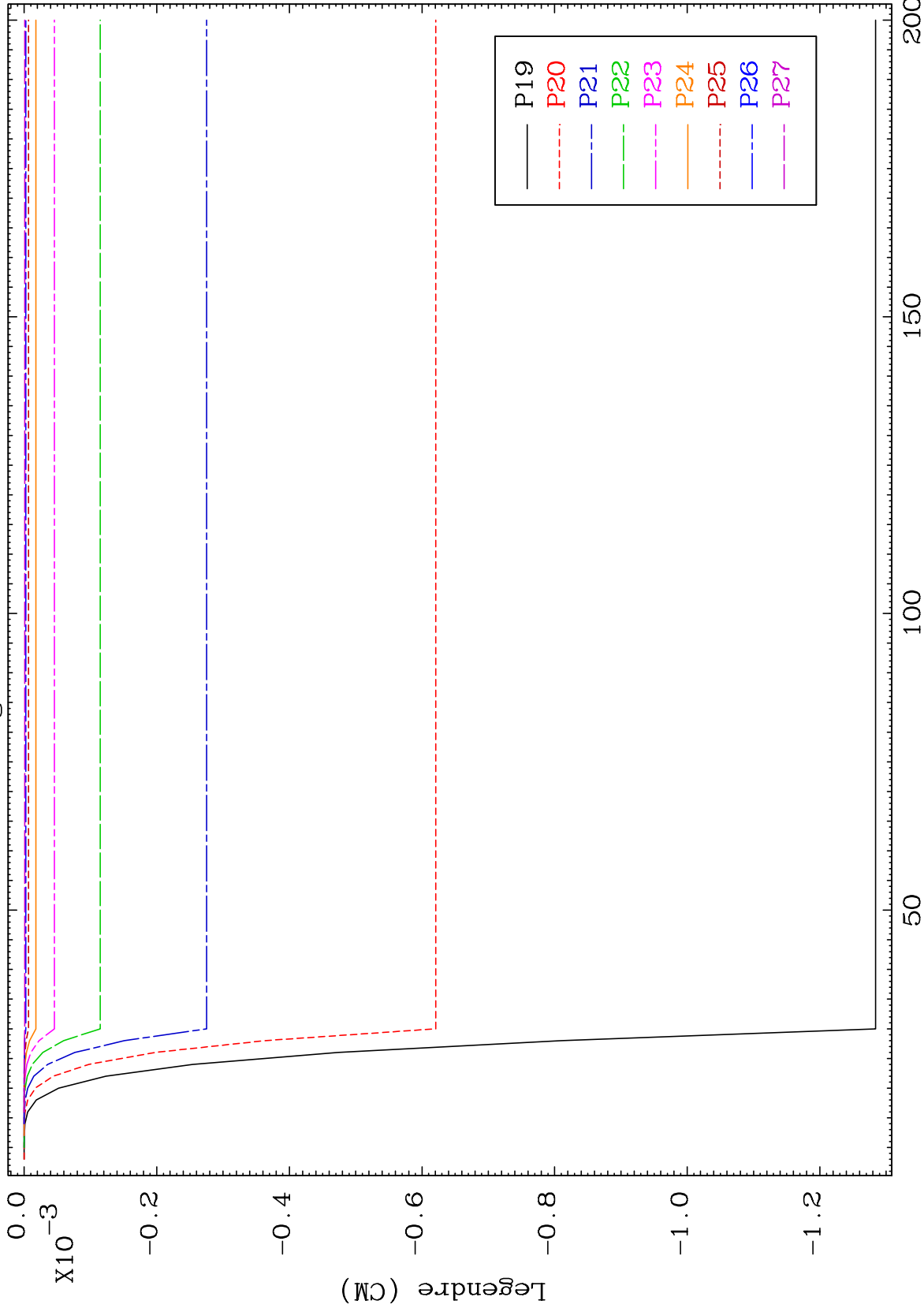
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



78

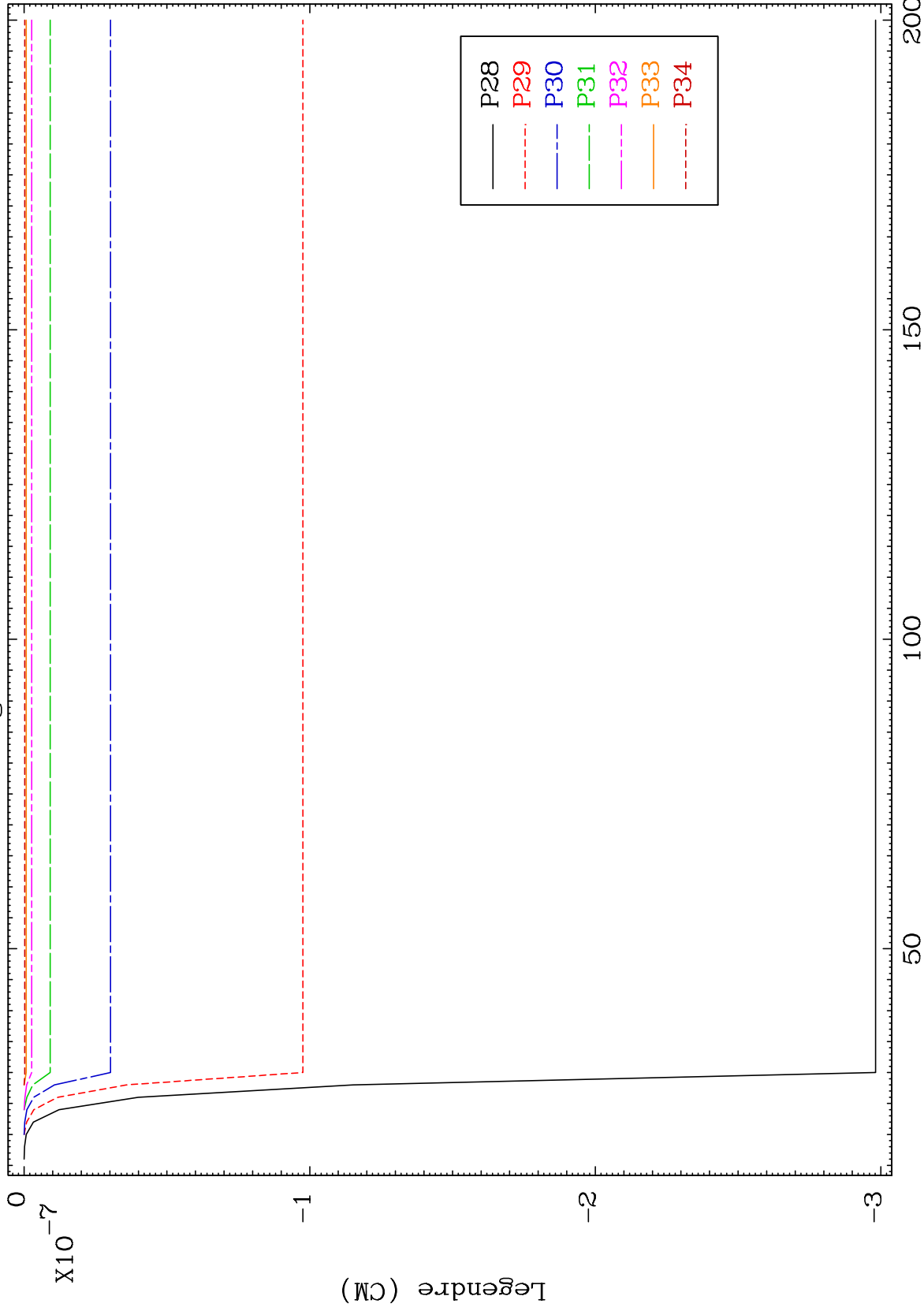
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



36-Kr-83

Incident Energy (MeV)

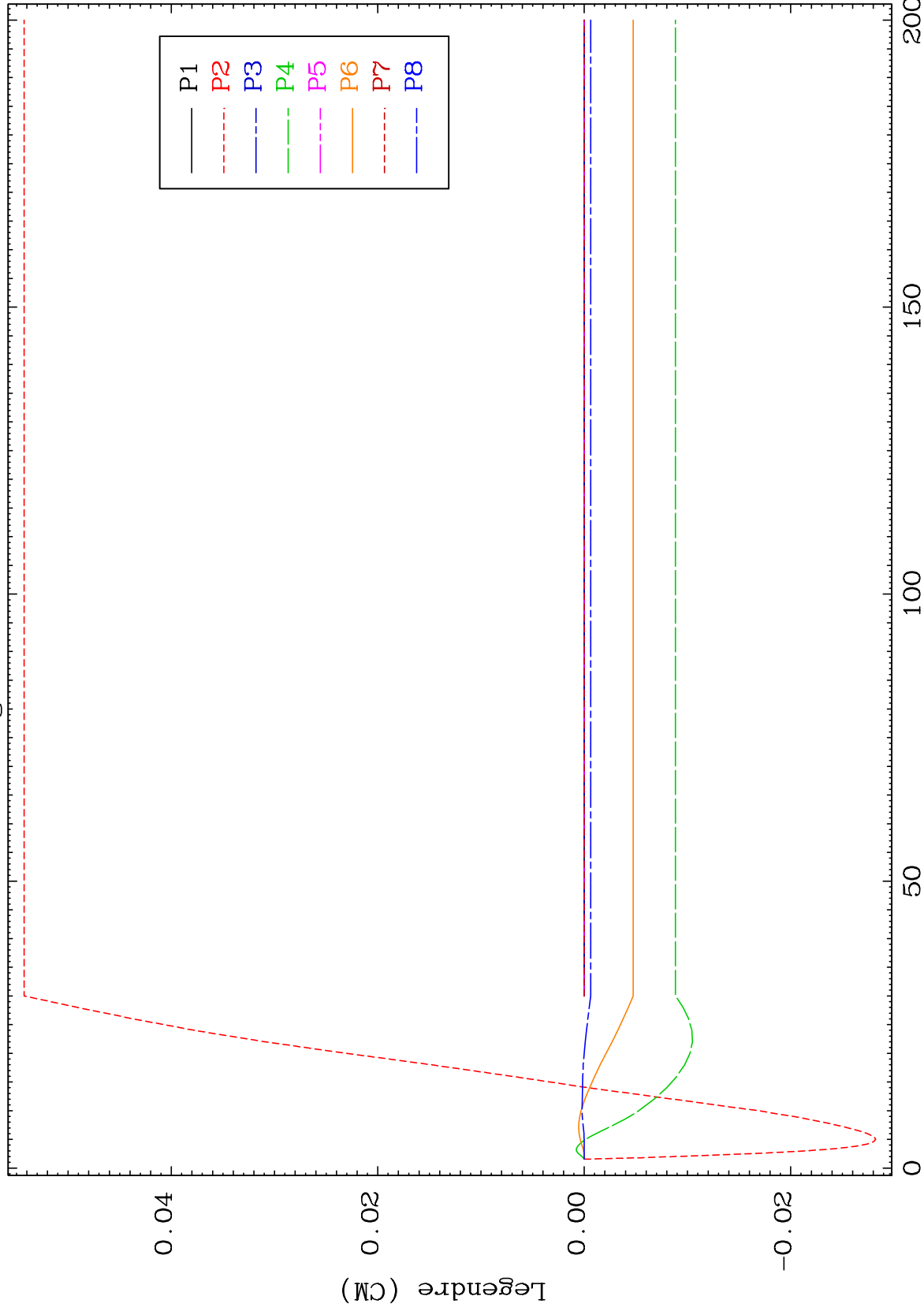
79



MAT 3640

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

36-Kr-83



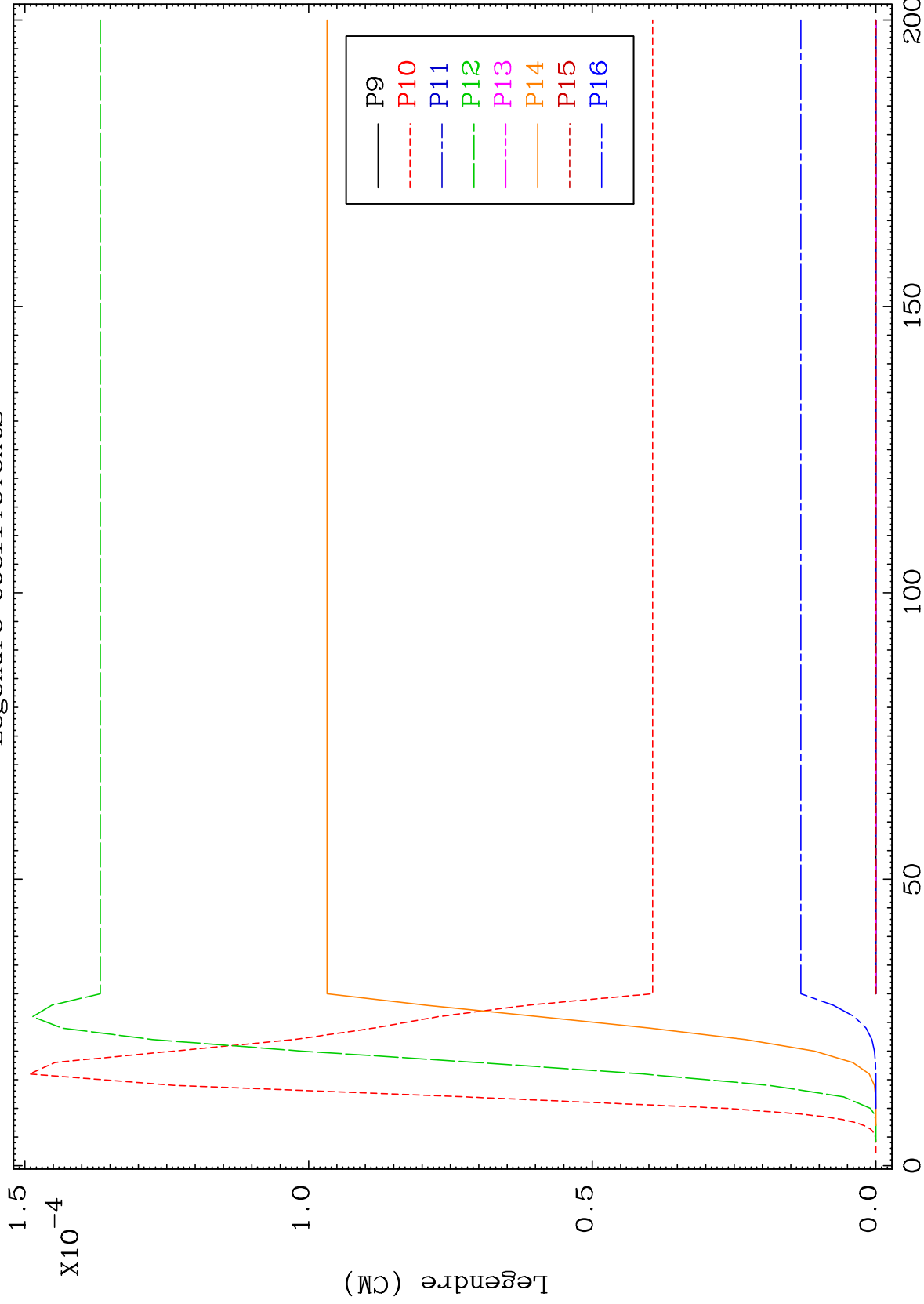
36-Kr-83

Incident Energy (MeV)

MAT 3640

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

36-Kr-83



81

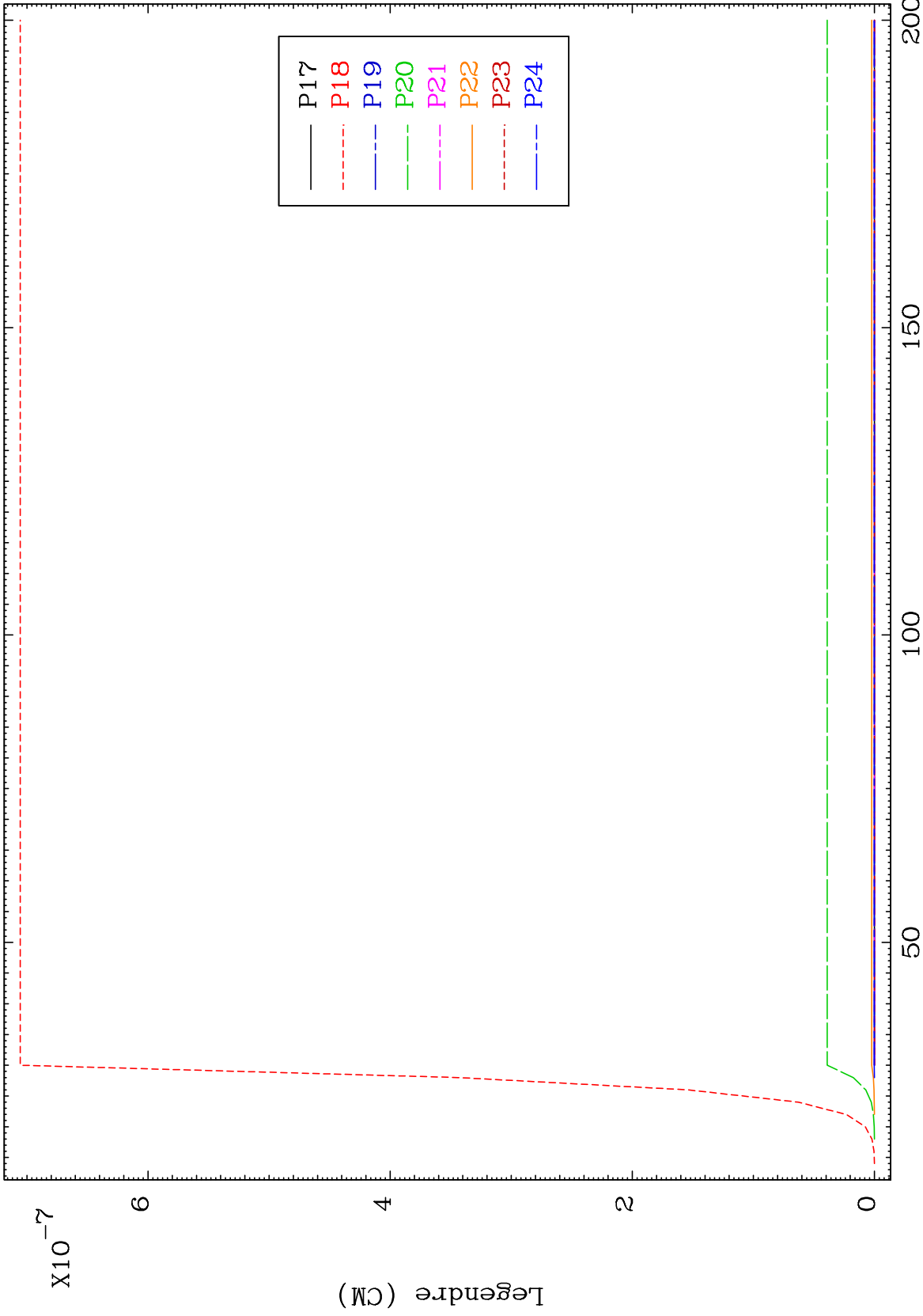
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



82

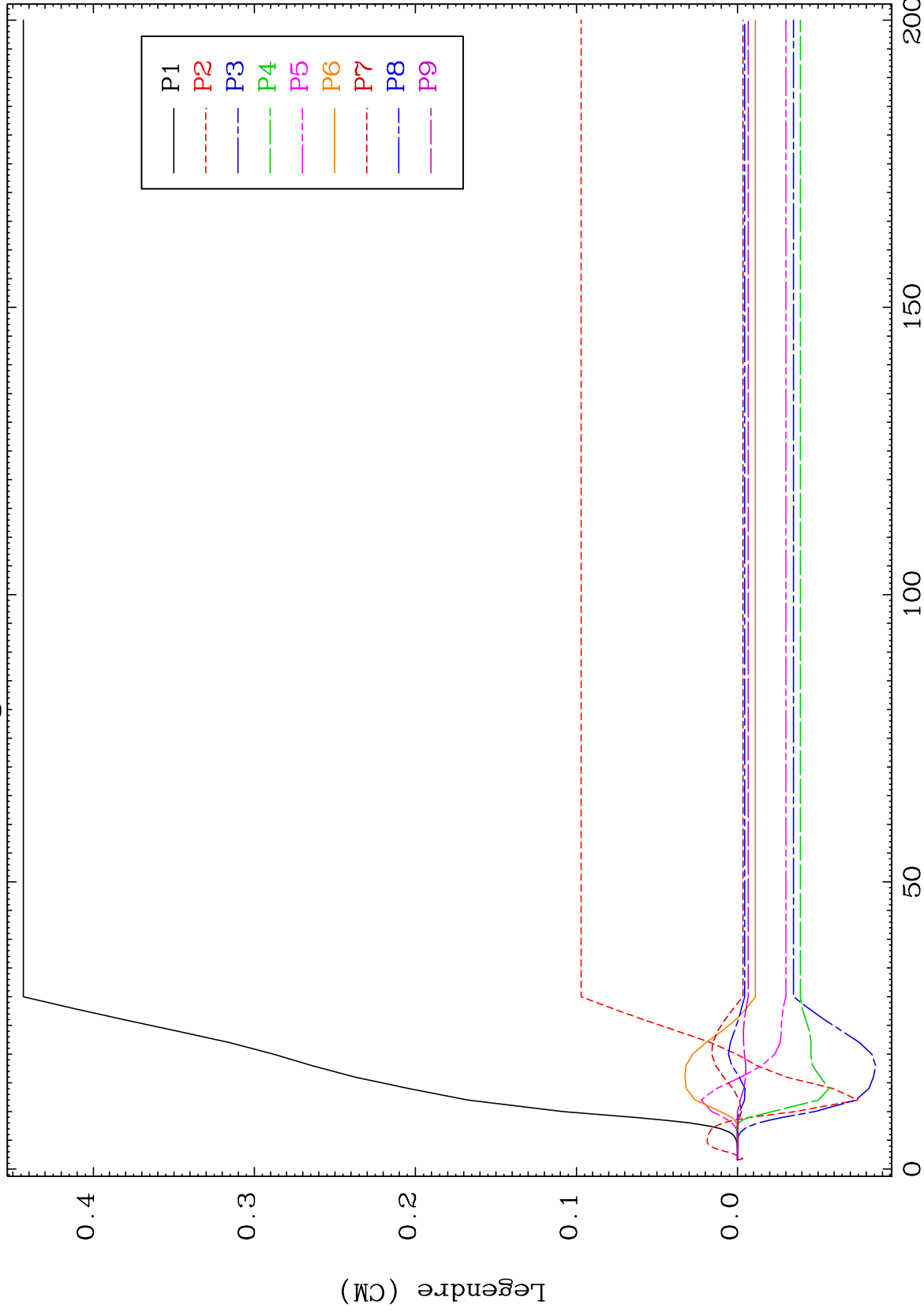
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



83

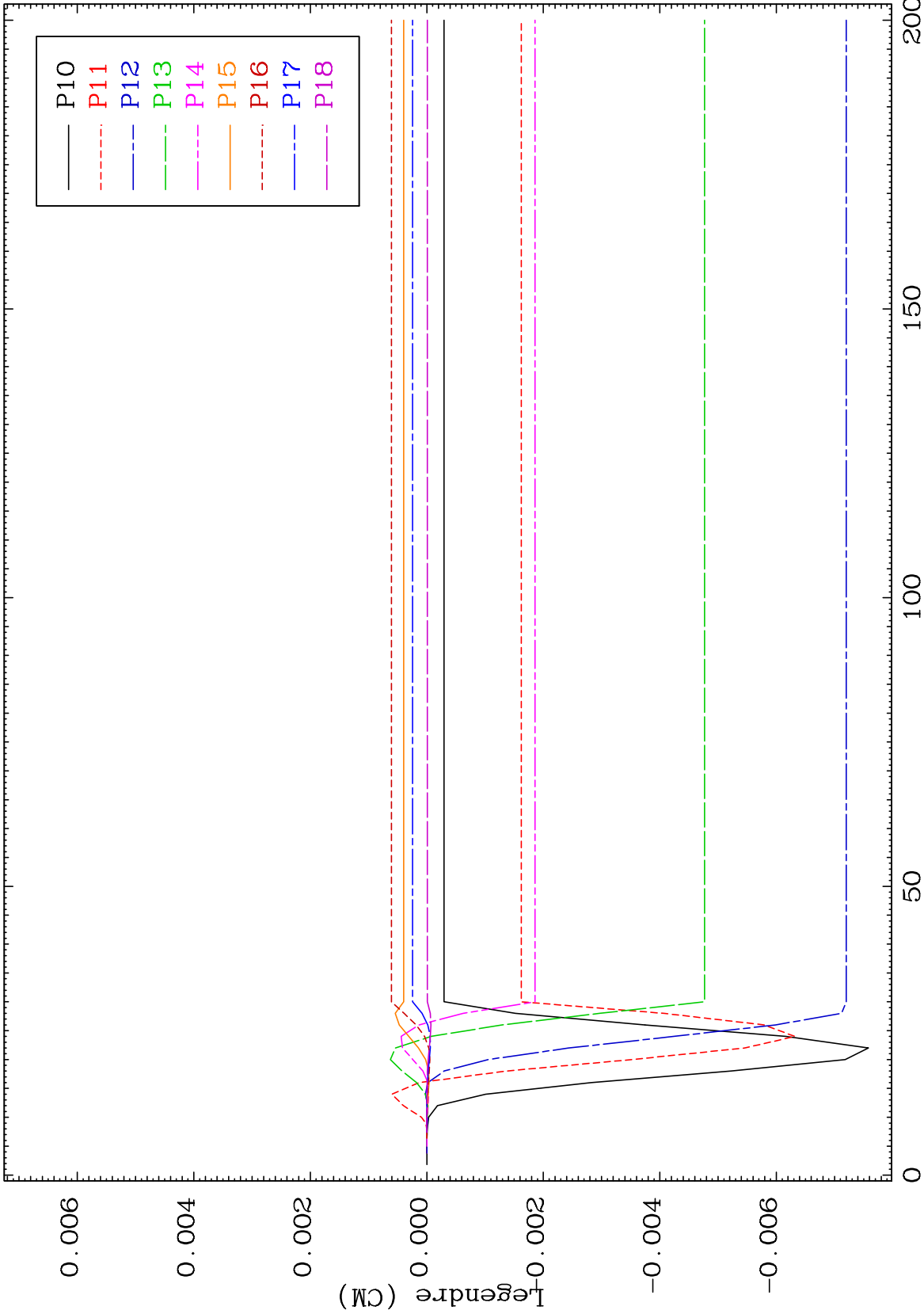
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



84

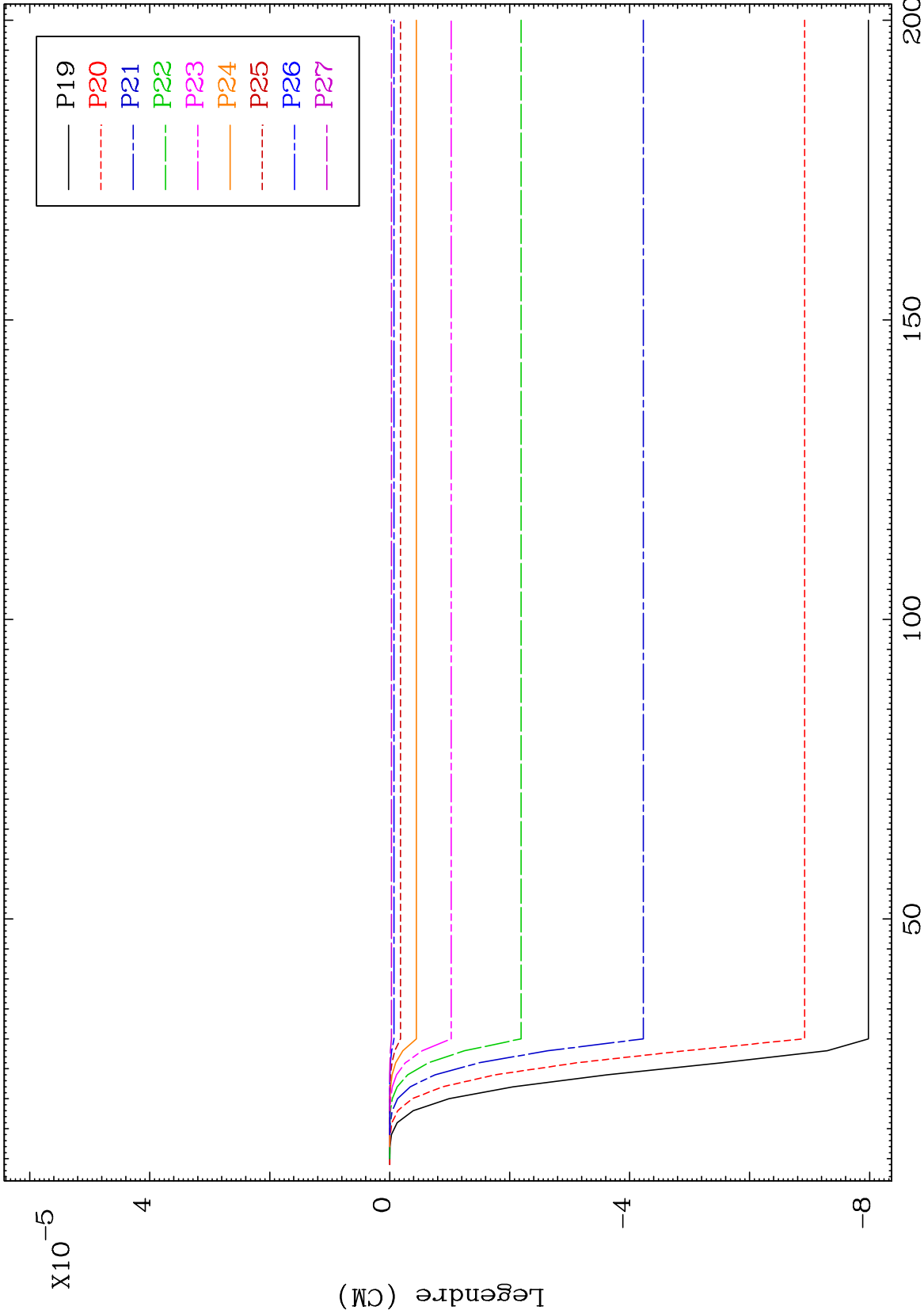
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

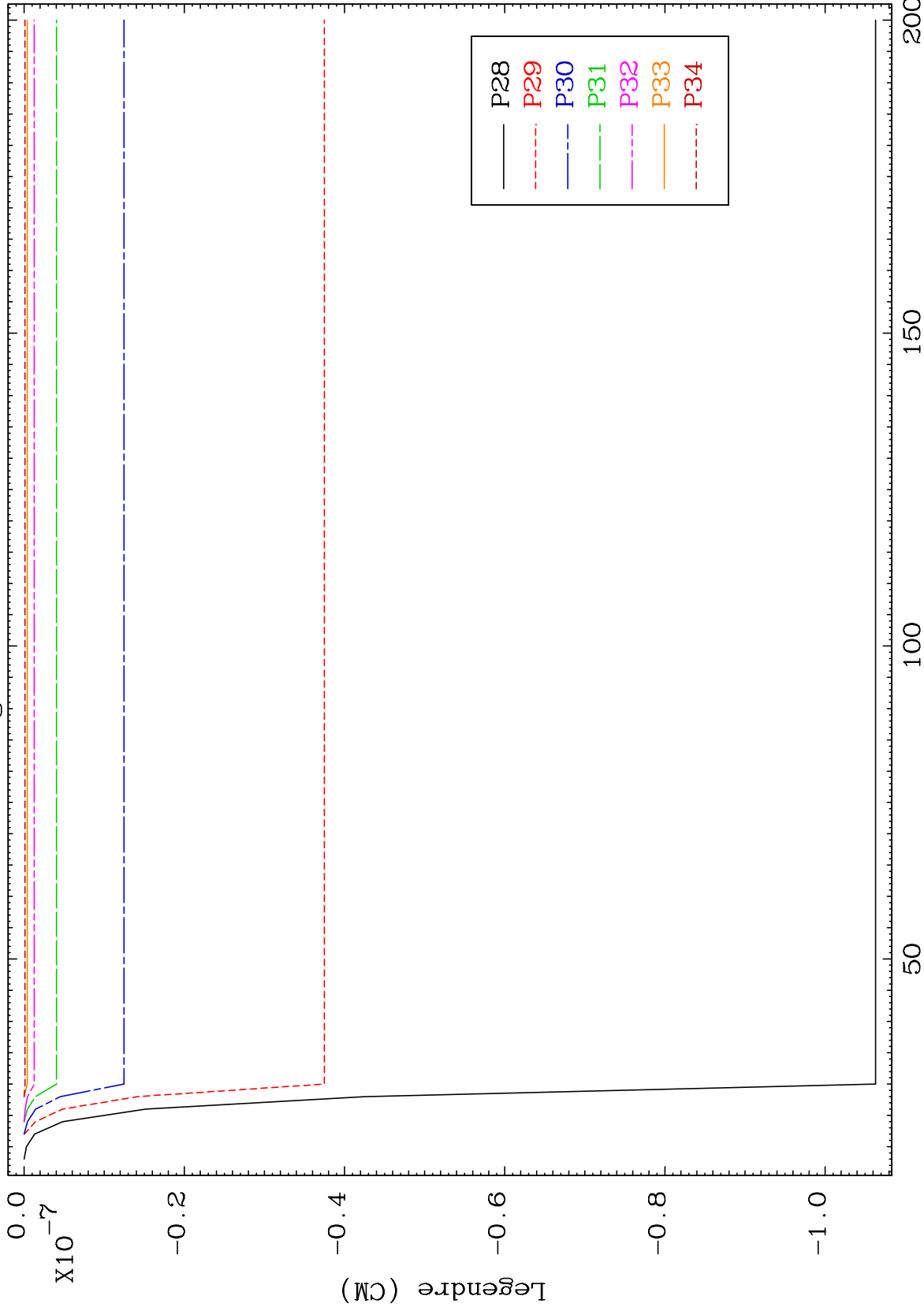
36-Kr-83



85

Incident Energy (MeV)

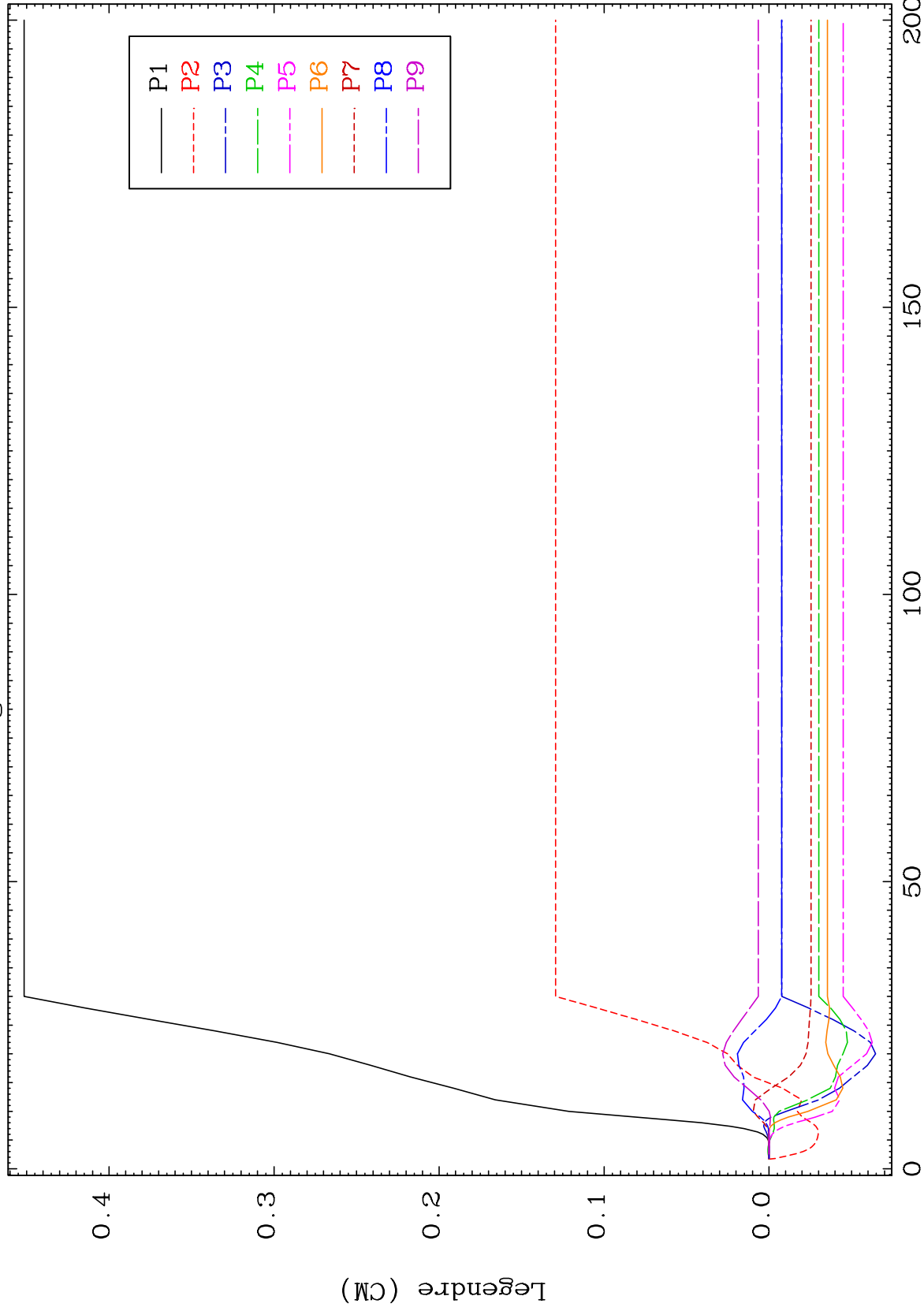
36-Kr-83



MAT 3640

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

36-Kr-83



87

Incident Energy (MeV)

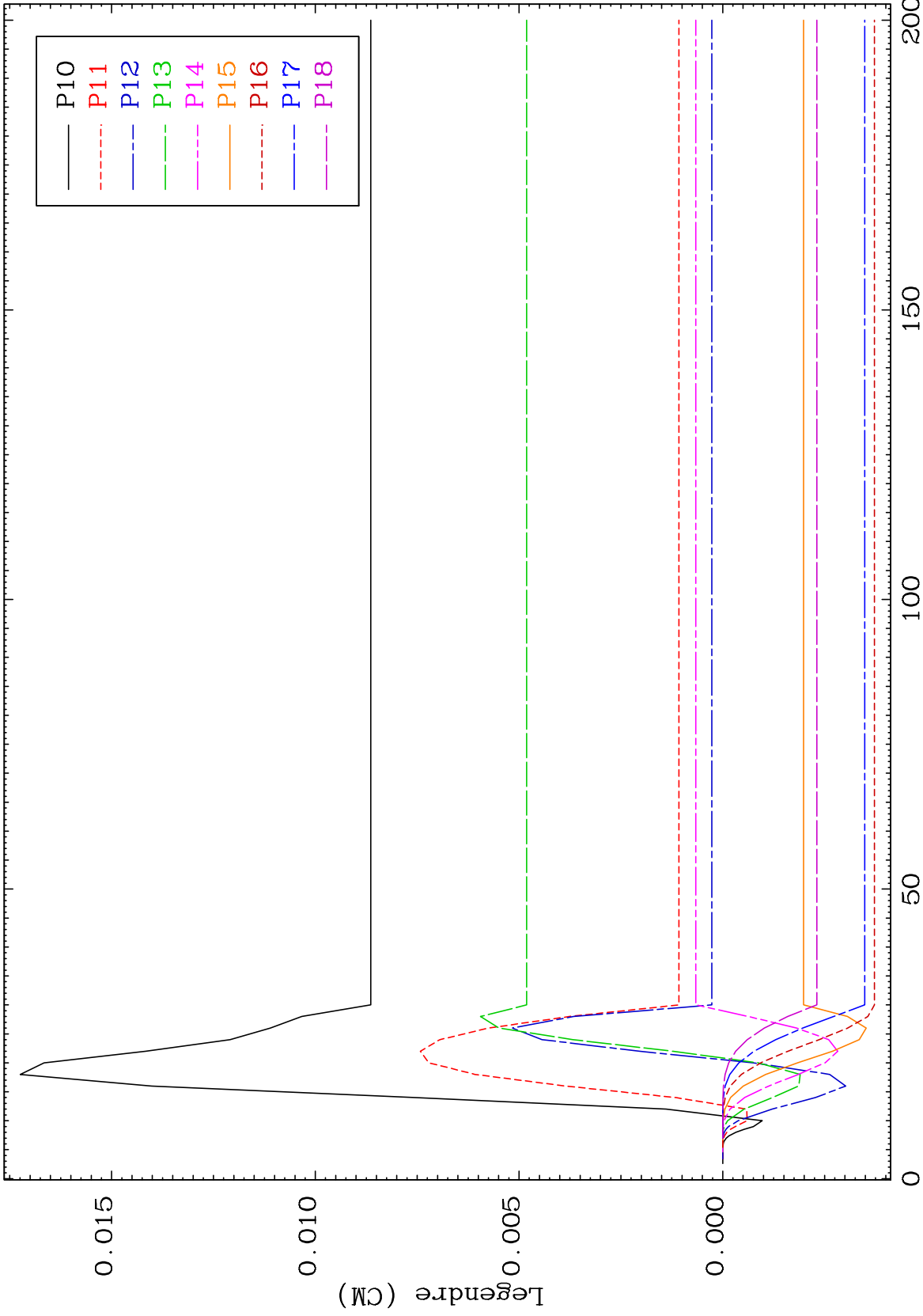
36-Kr-83



MAT 3640

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

36-Kr-83



88

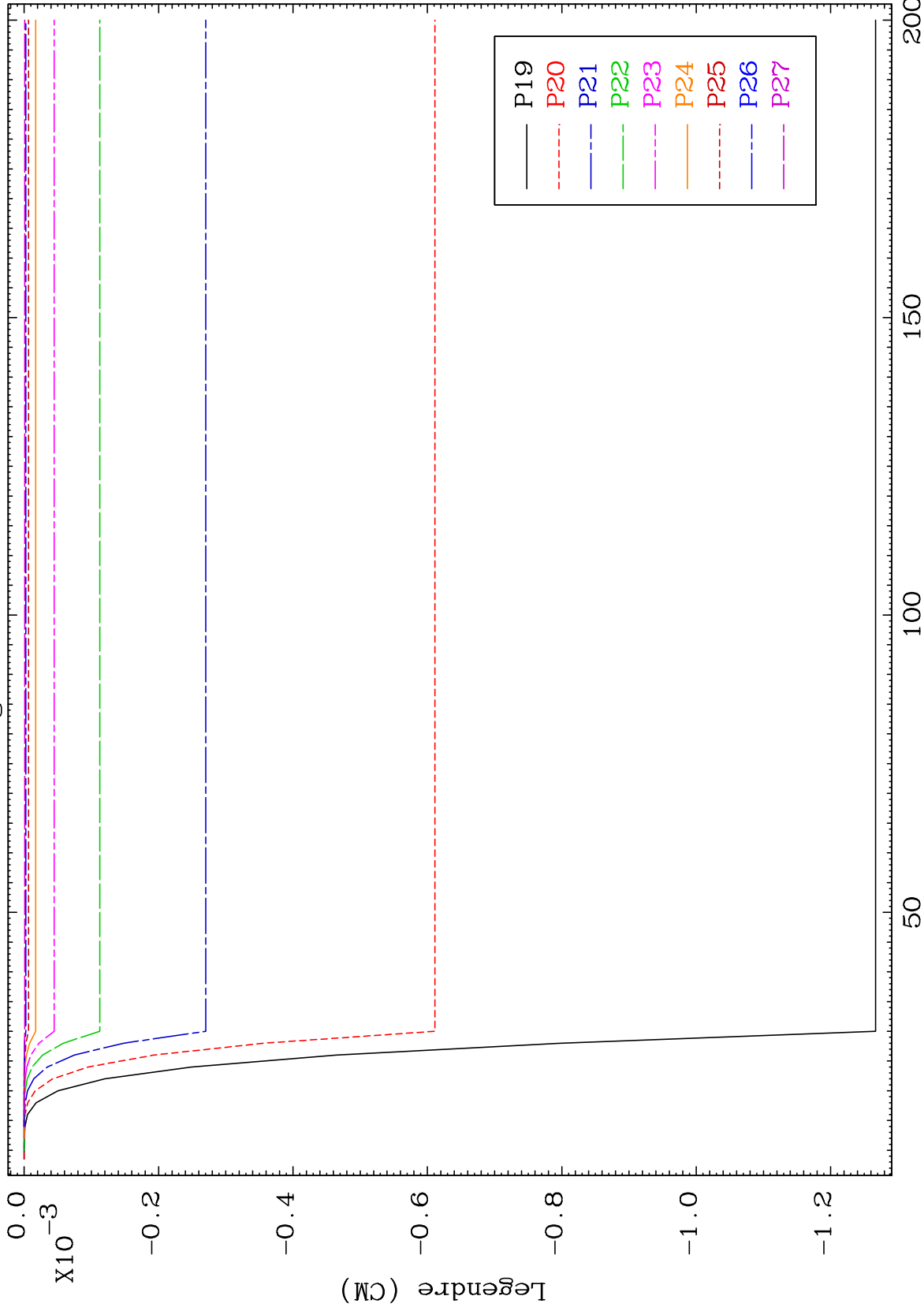
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



89

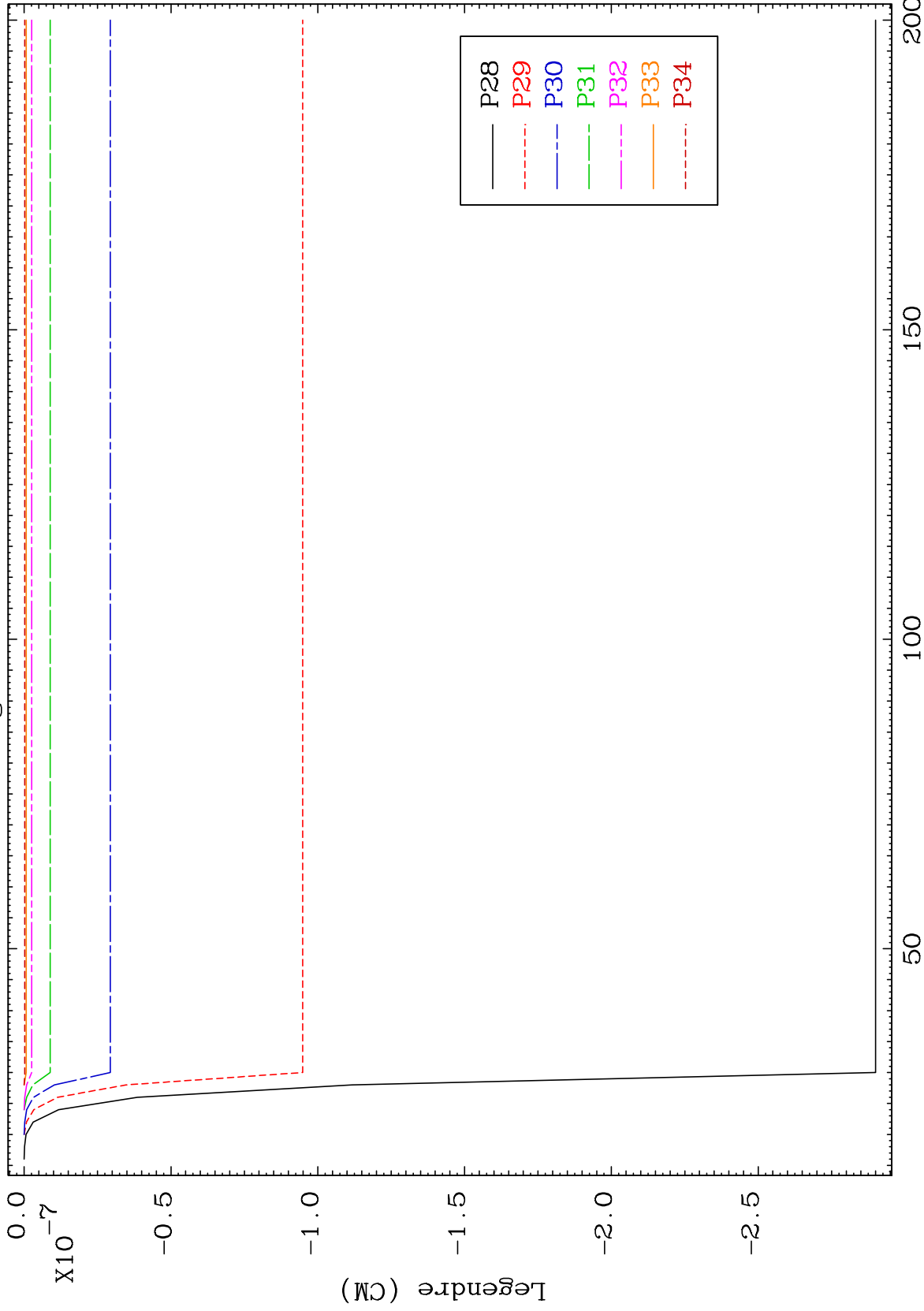
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



90

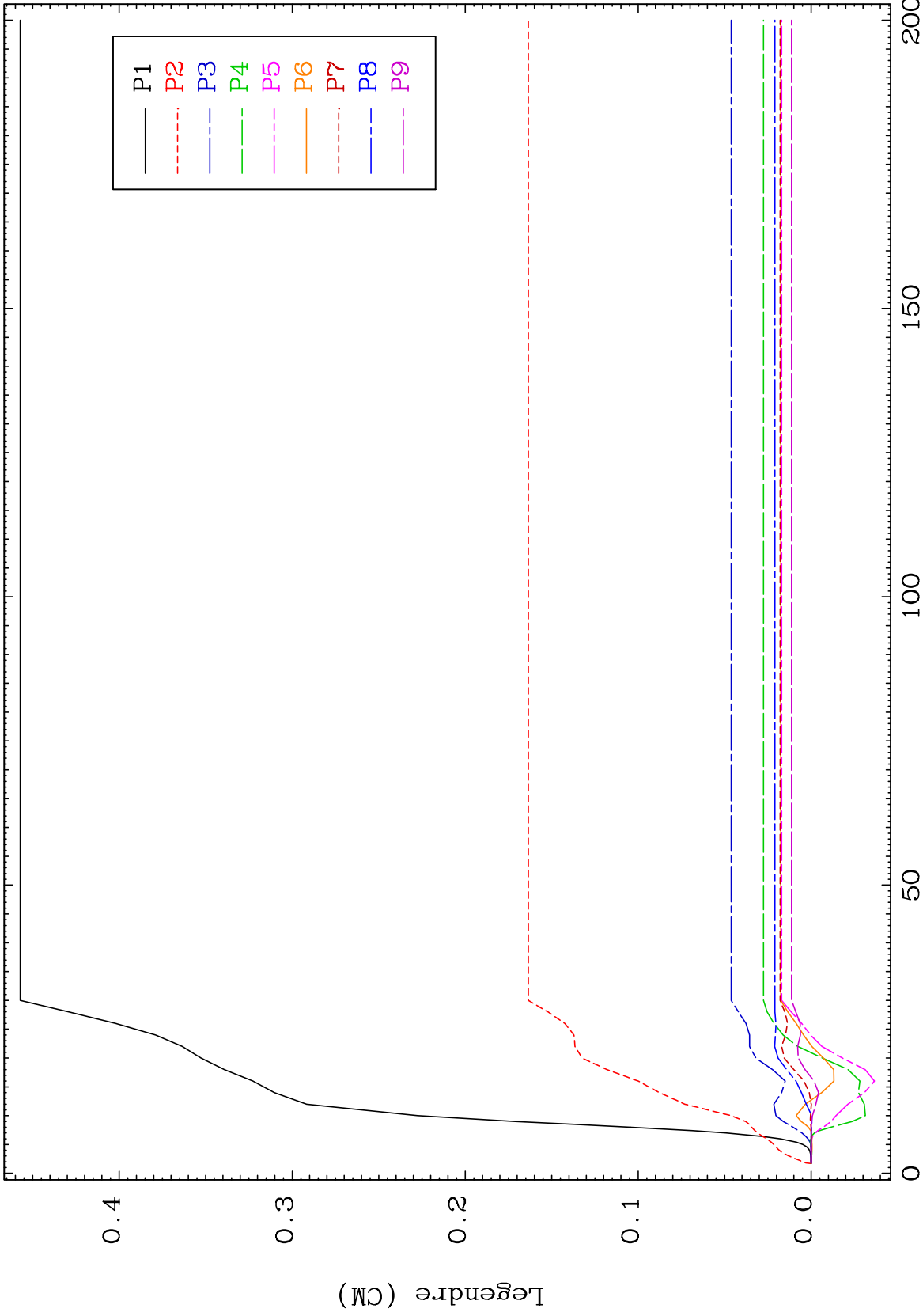
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



91

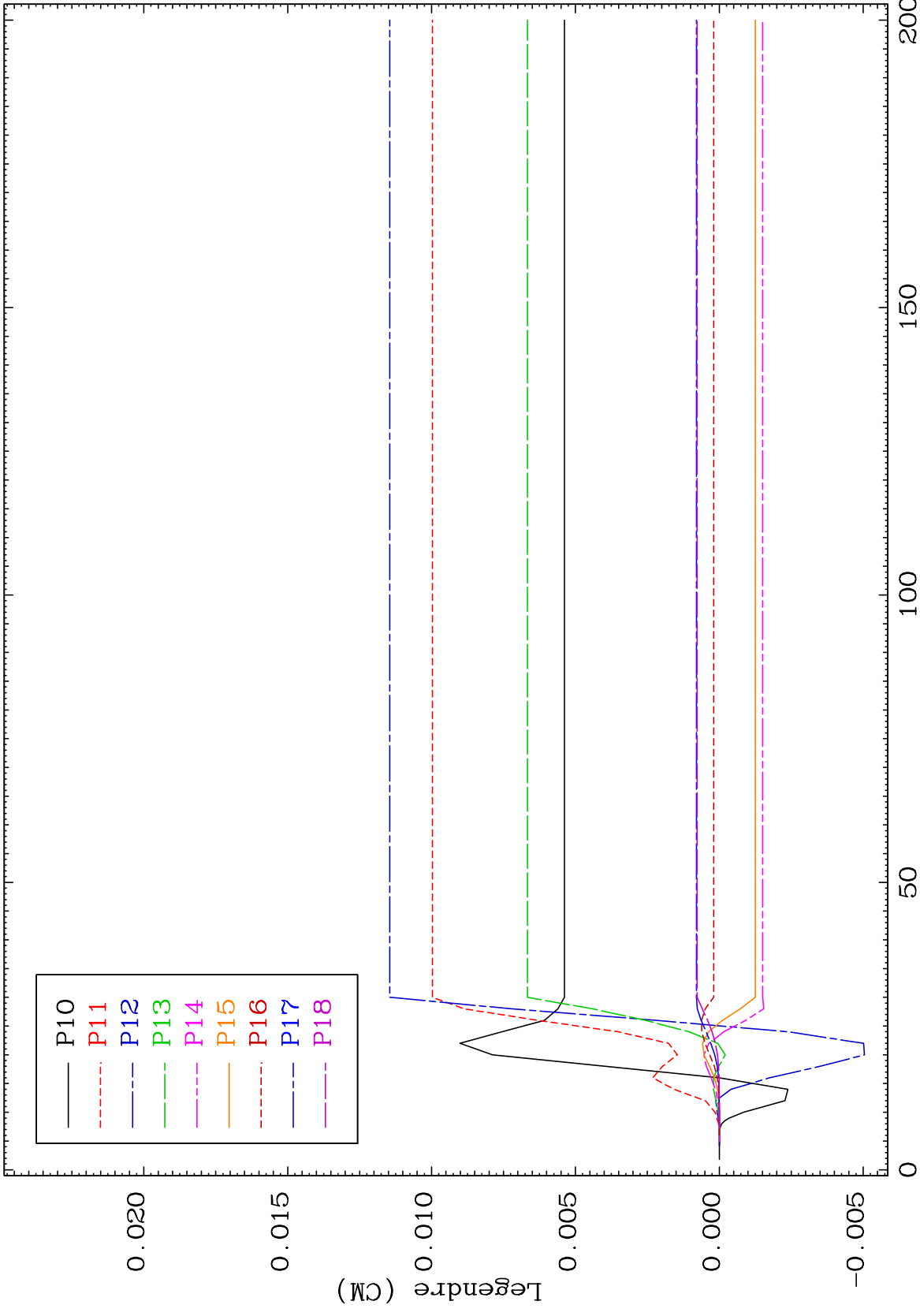
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



92

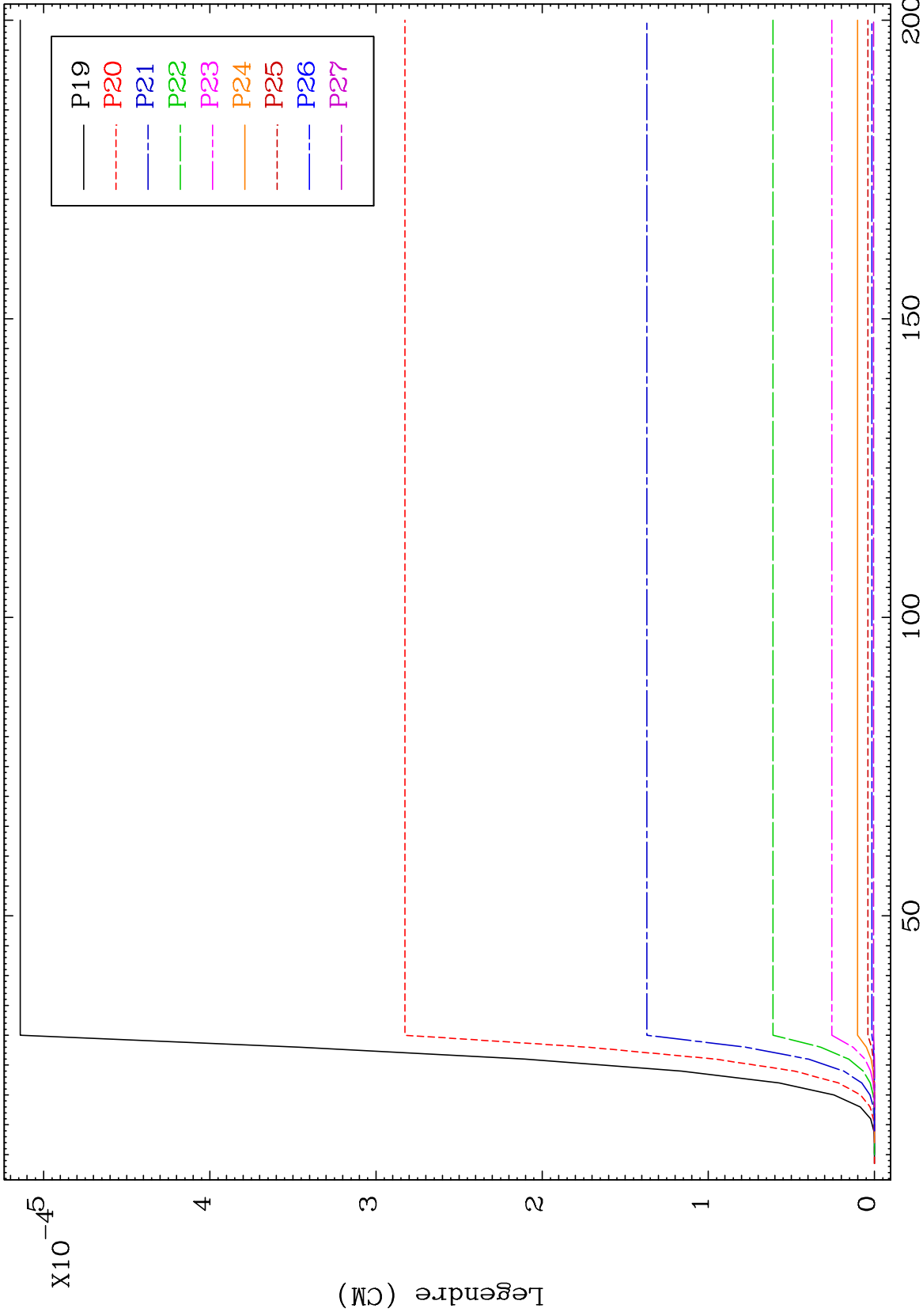
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



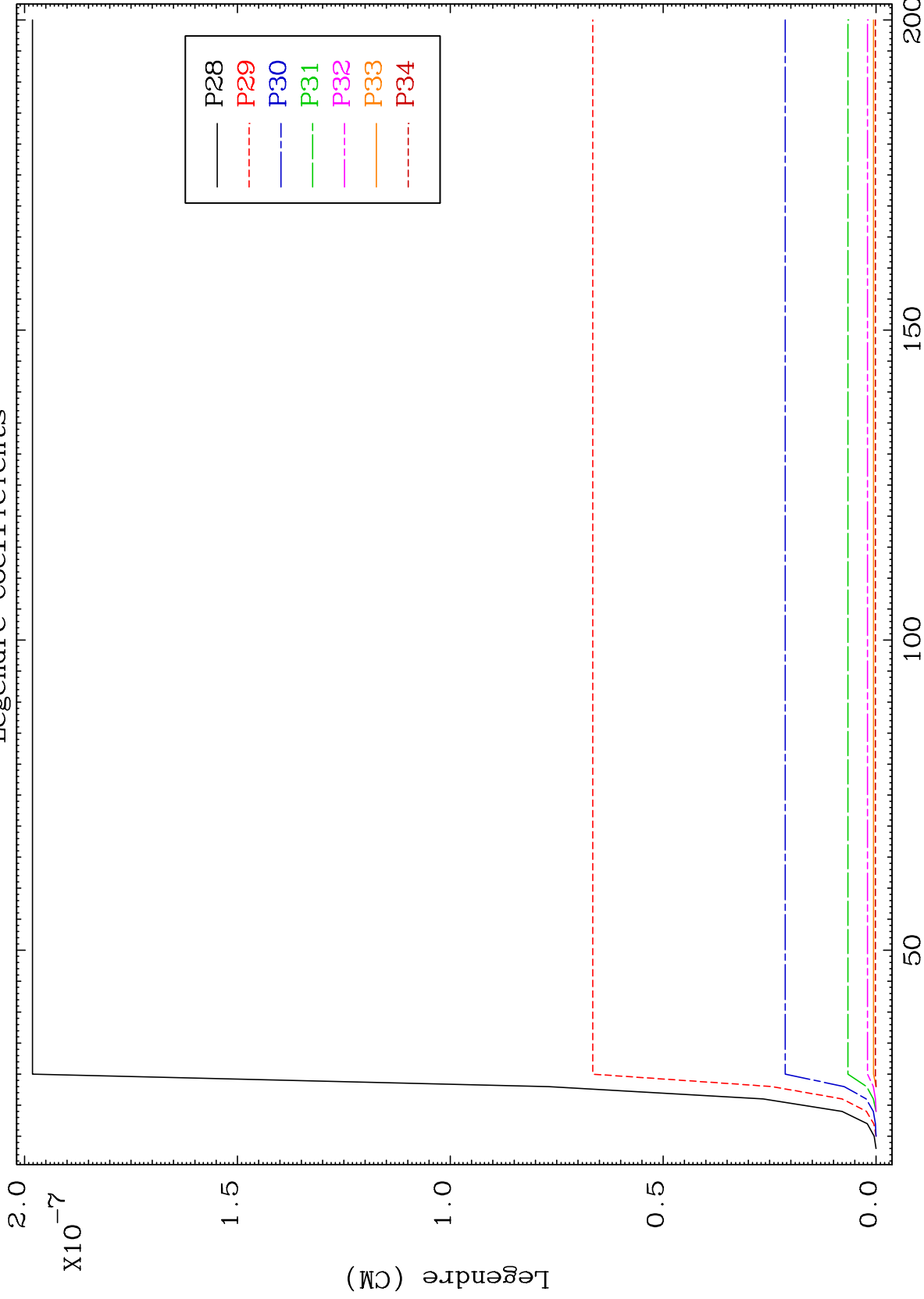
93

36-Kr-83

MAT 3640

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

36-Kr-83



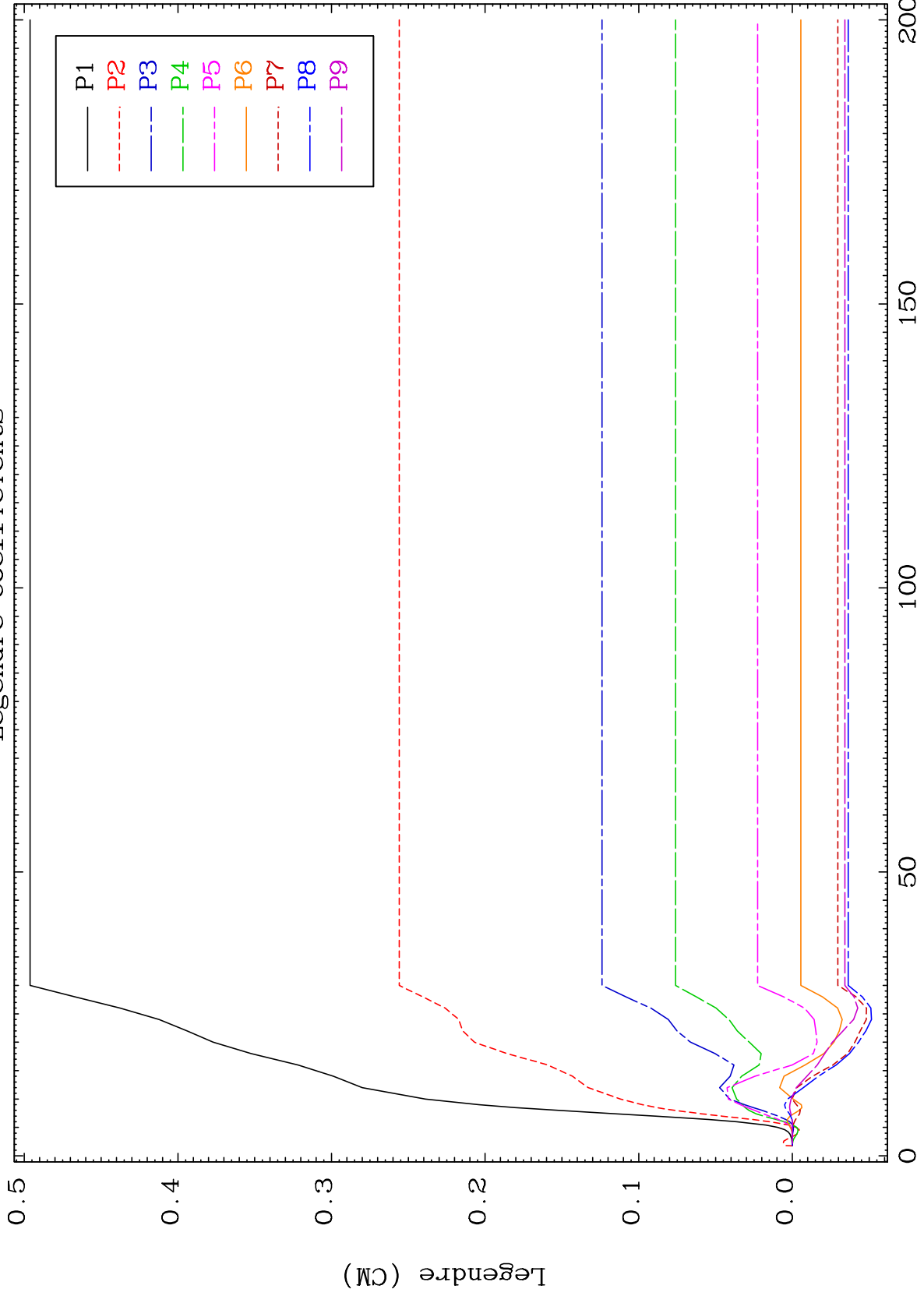
94

36-Kr-83

MAT 3640

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

36-Kr-83



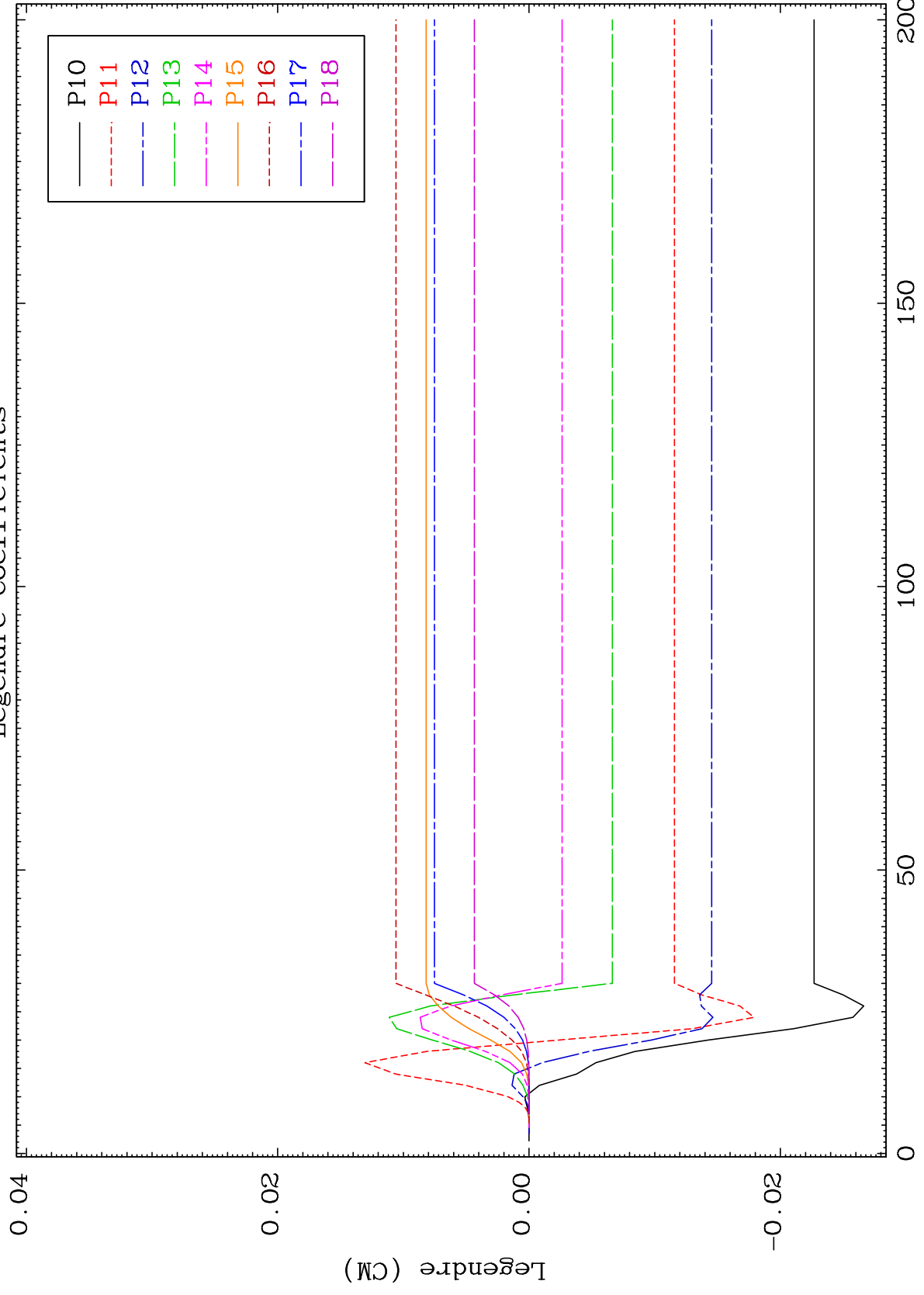
95

Incident Energy (MeV)

36-Kr-83



MAT 3640 MT= 73 (n,n') Level Legendre Coefficients 36-Kr-83



36-Kr-83

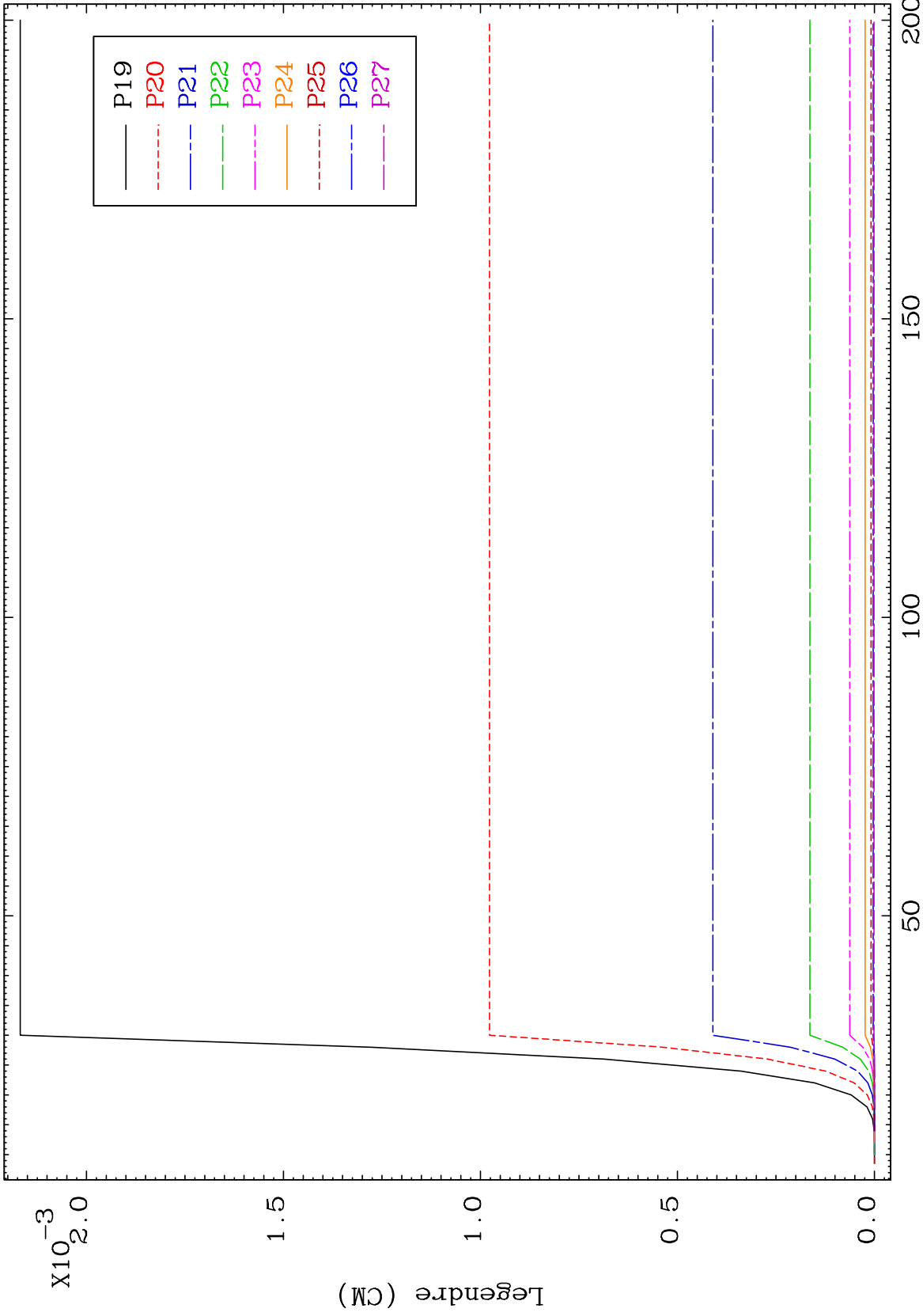
Incident Energy (MeV)

96

MAT 3640

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

36-Kr-83



97

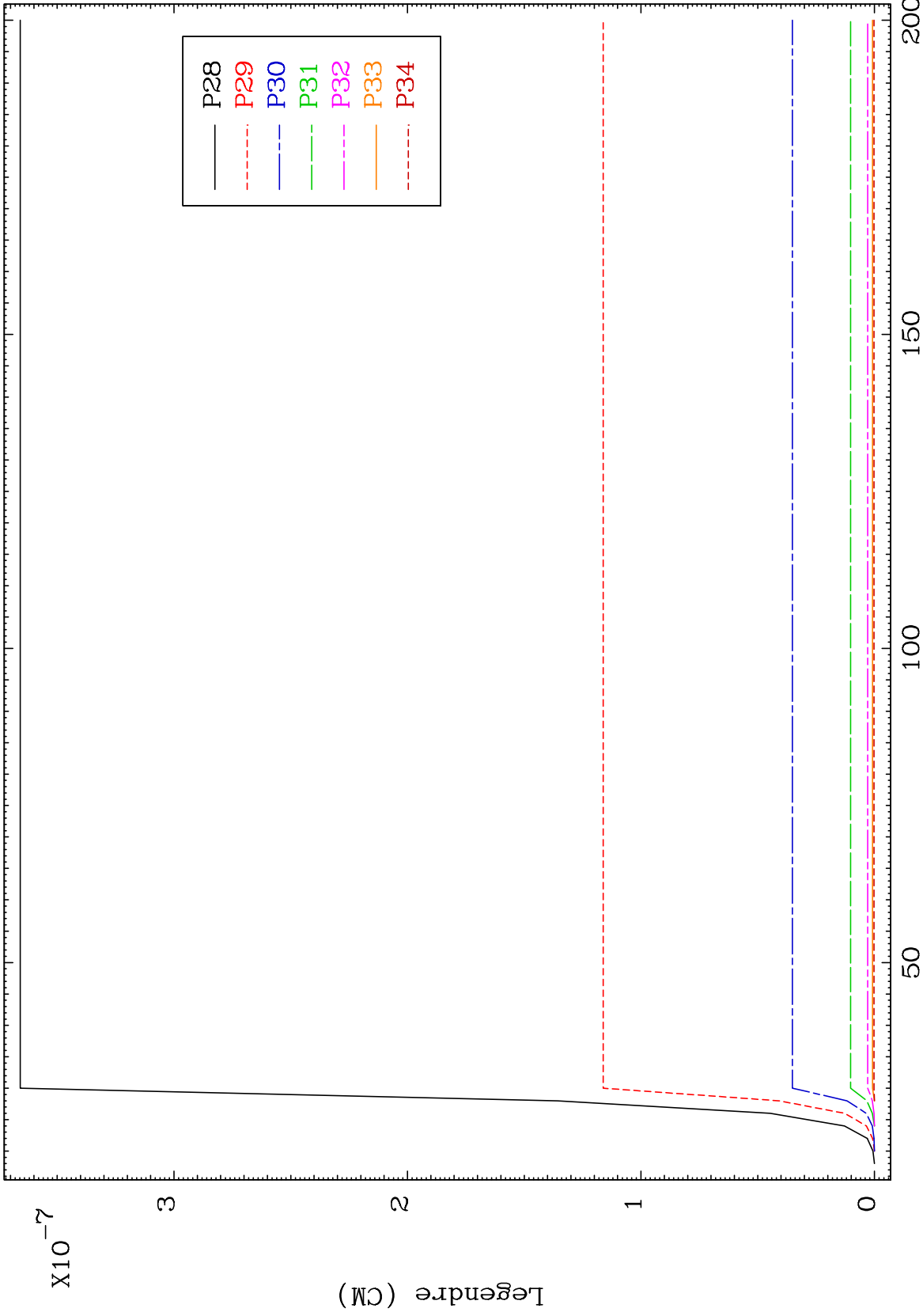
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



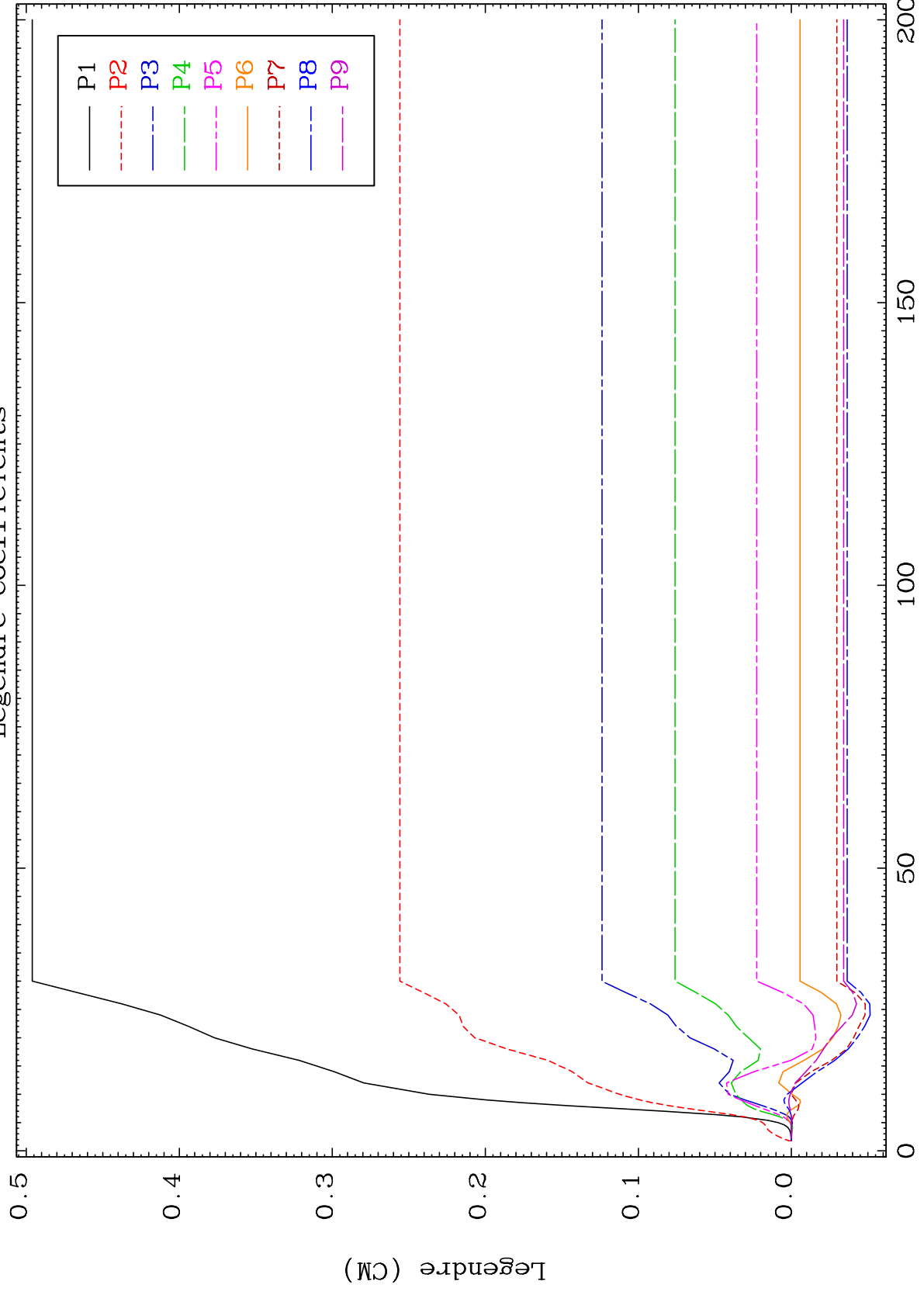
98

36-Kr-83

MAT 3640

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

36-Kr-83



99

Incident Energy (MeV)

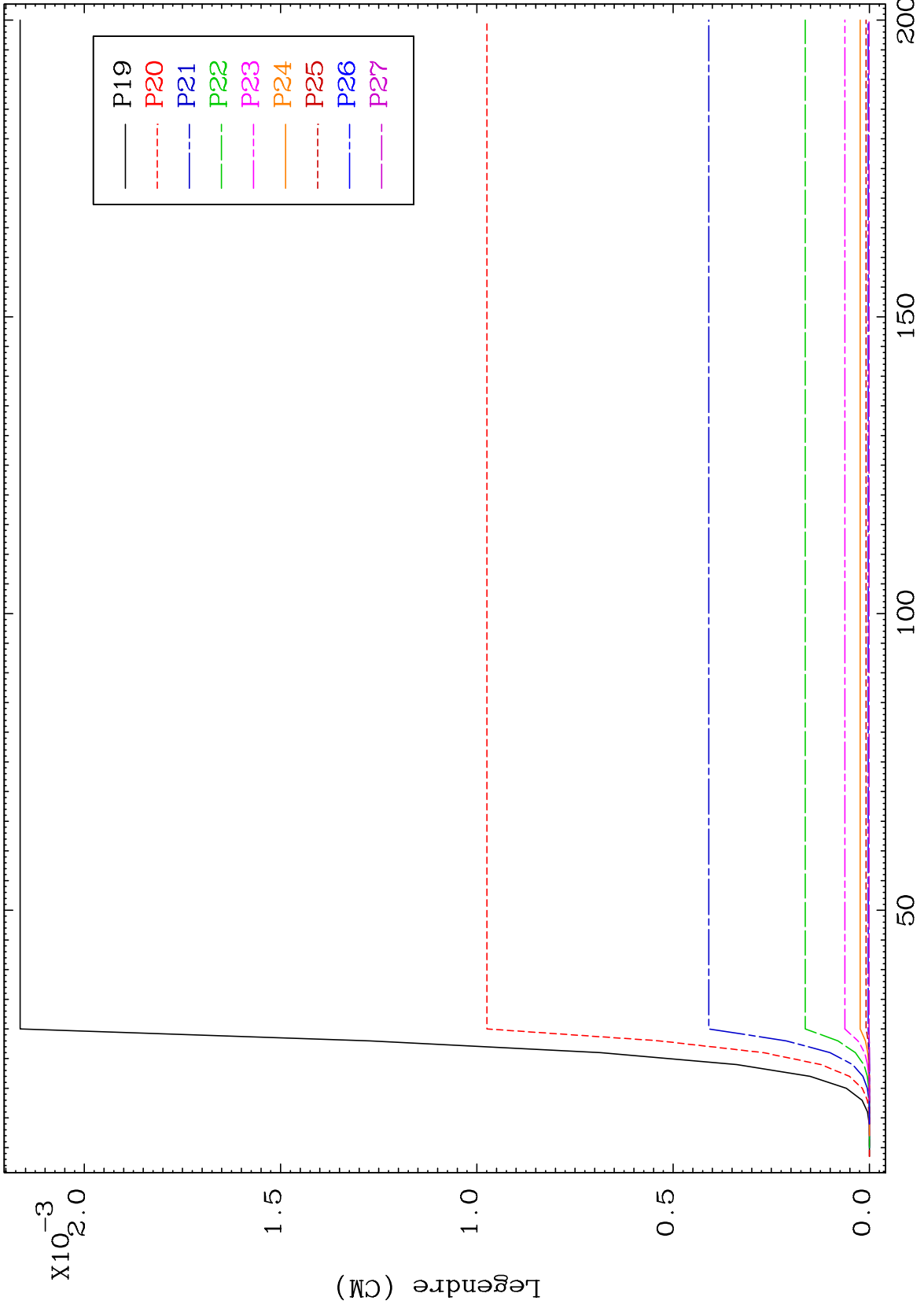
36-Kr-83



MAT 3640

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

36-Kr-83



101

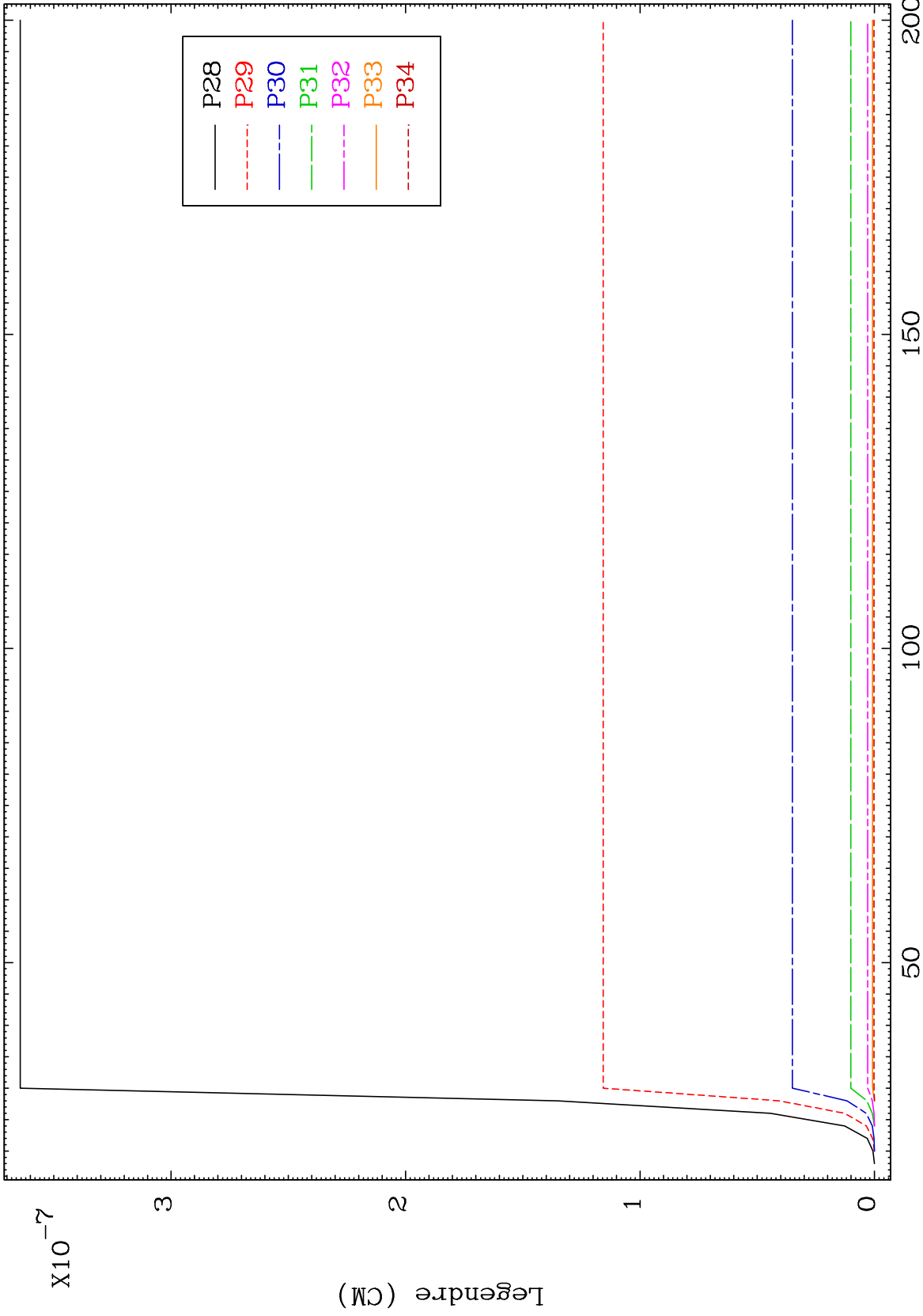
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



102

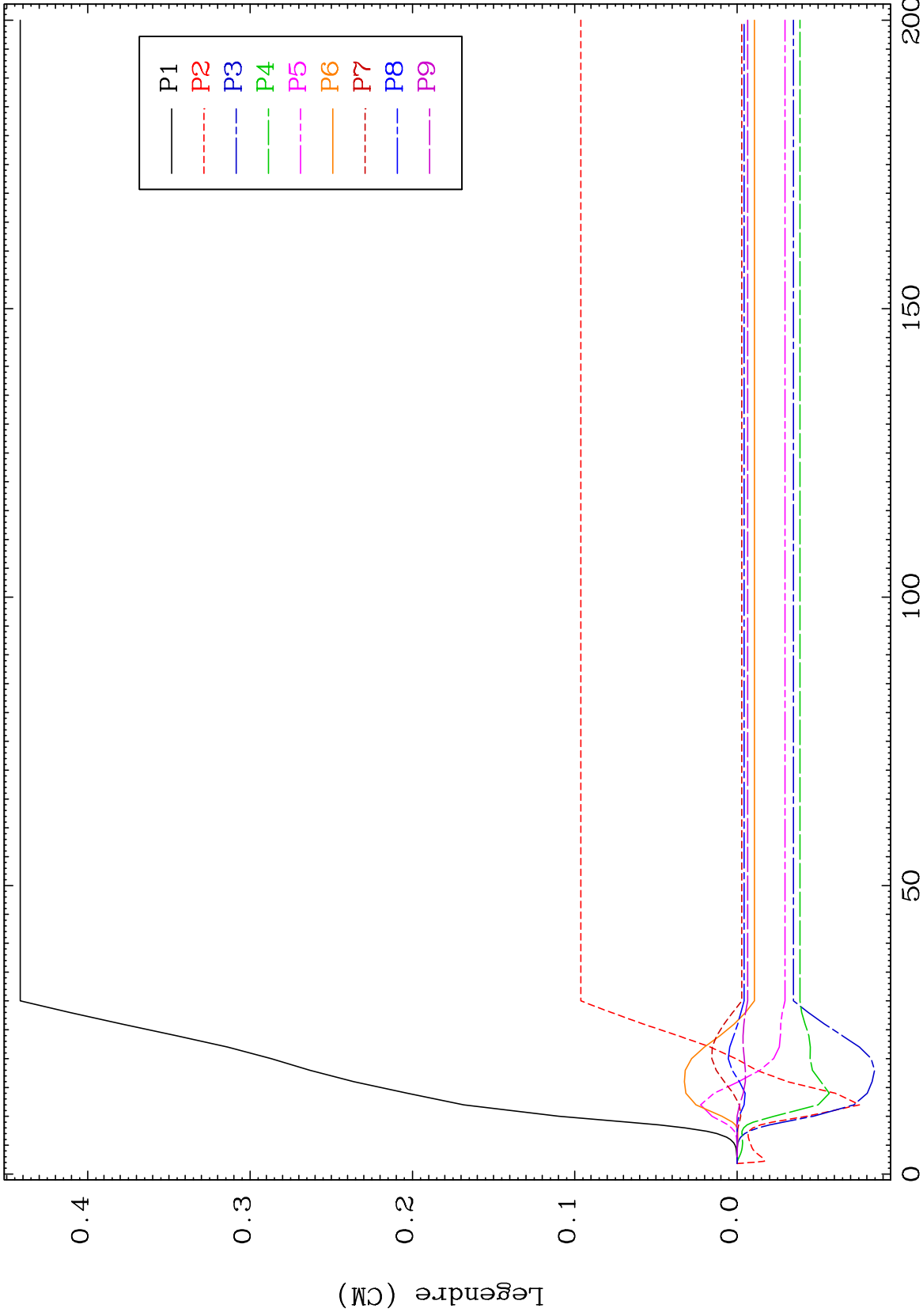
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



103

Incident Energy (MeV)

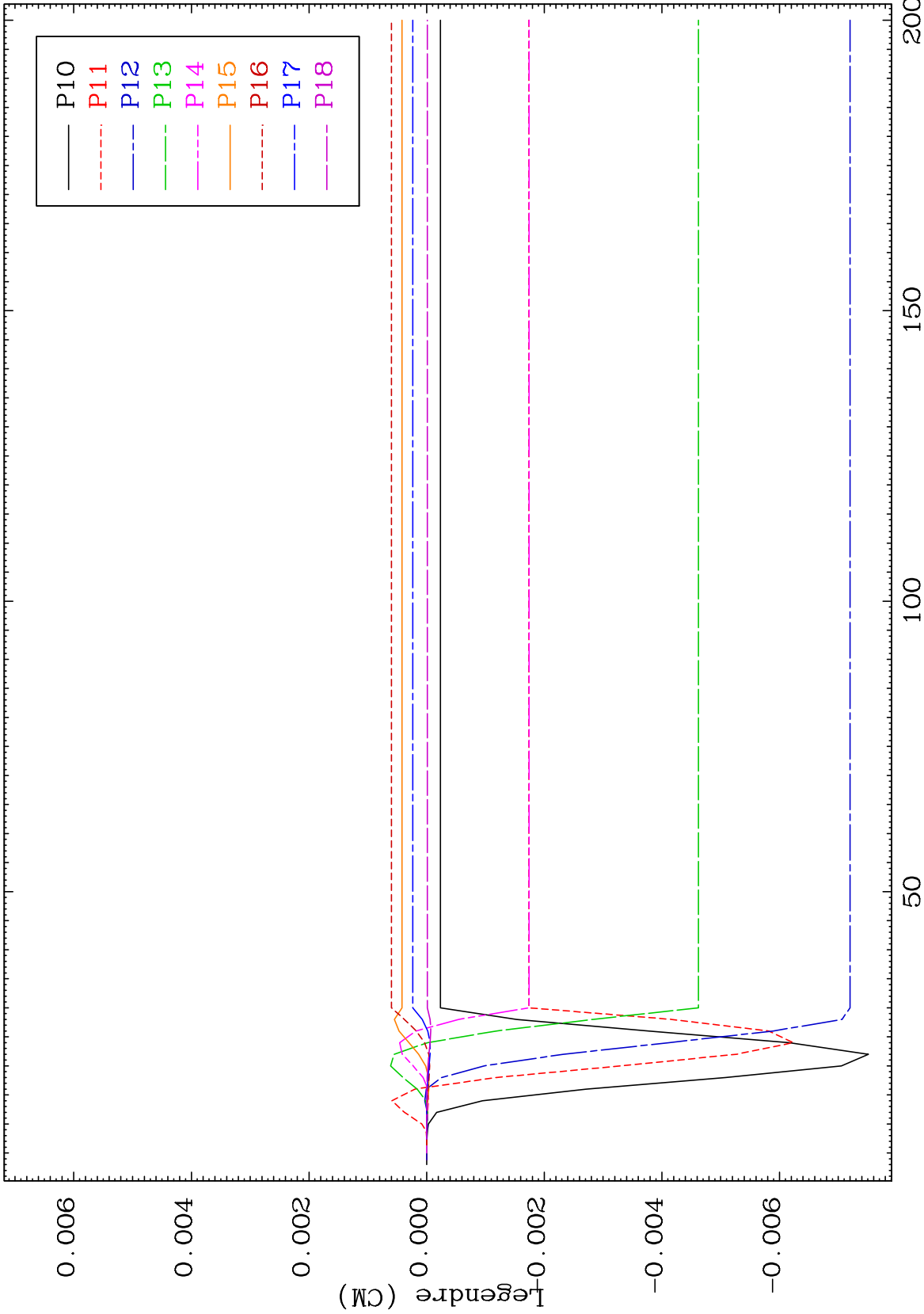
36-Kr-83



MAT 3640

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

36-Kr-83



104

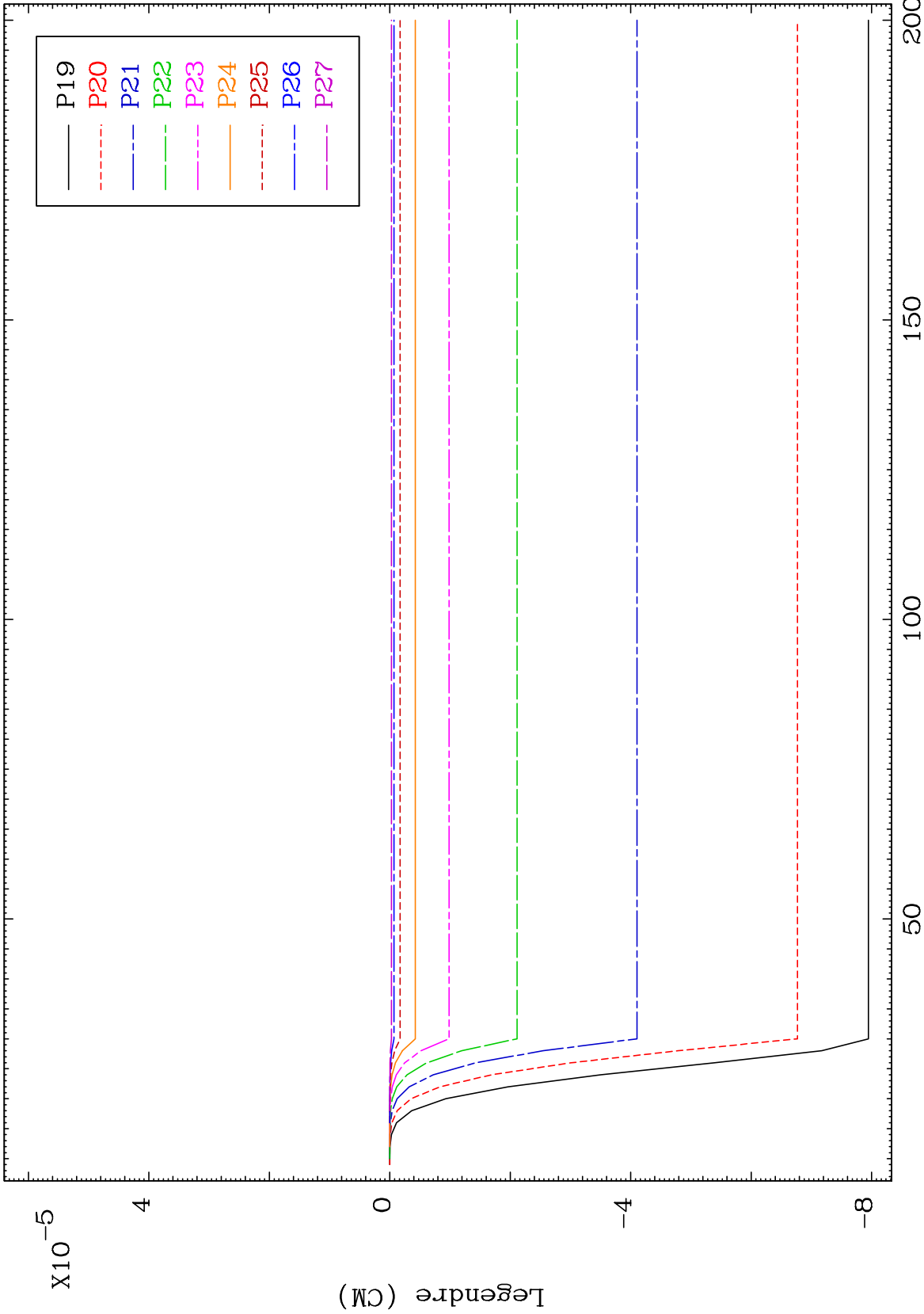
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



105

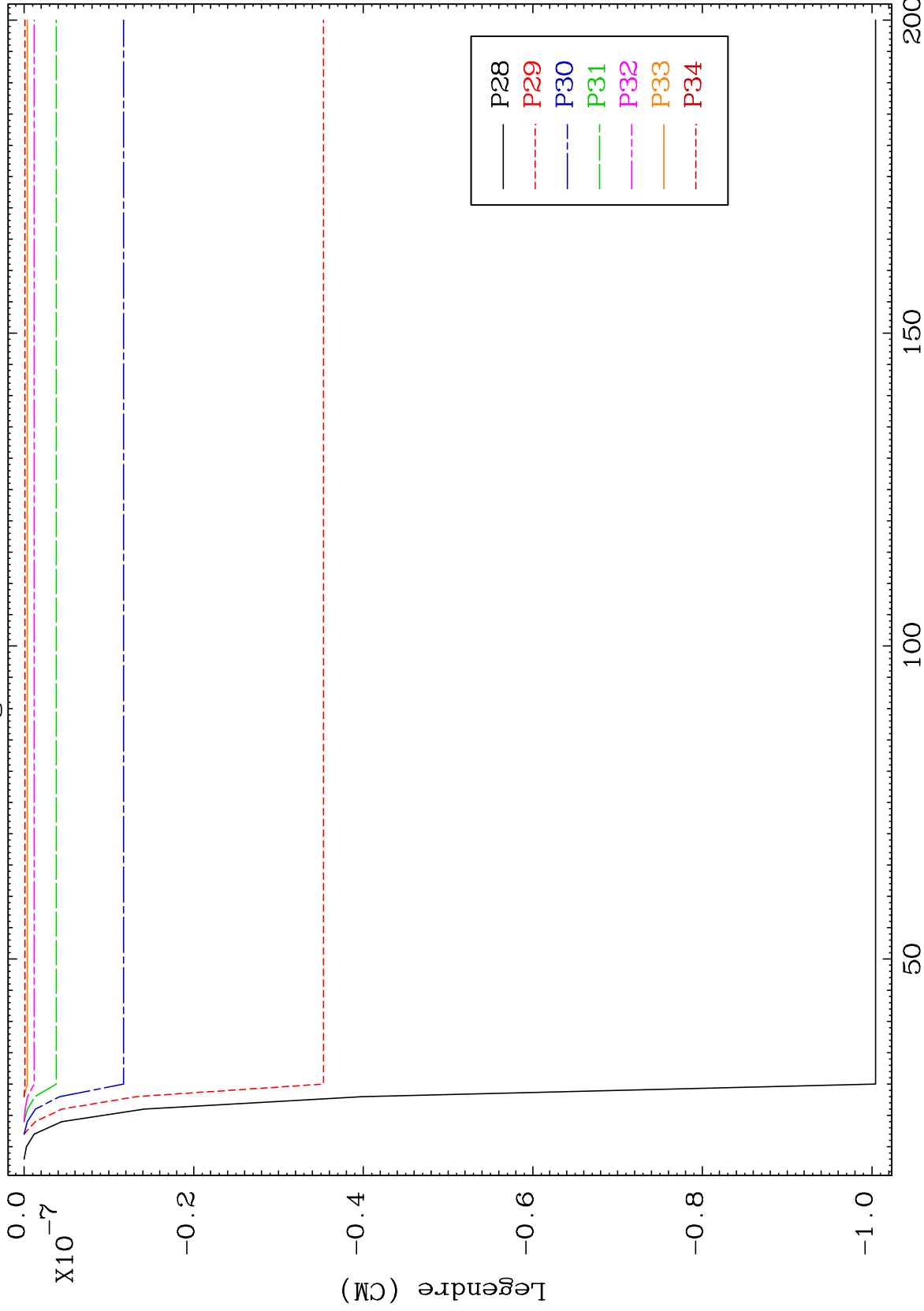
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



106

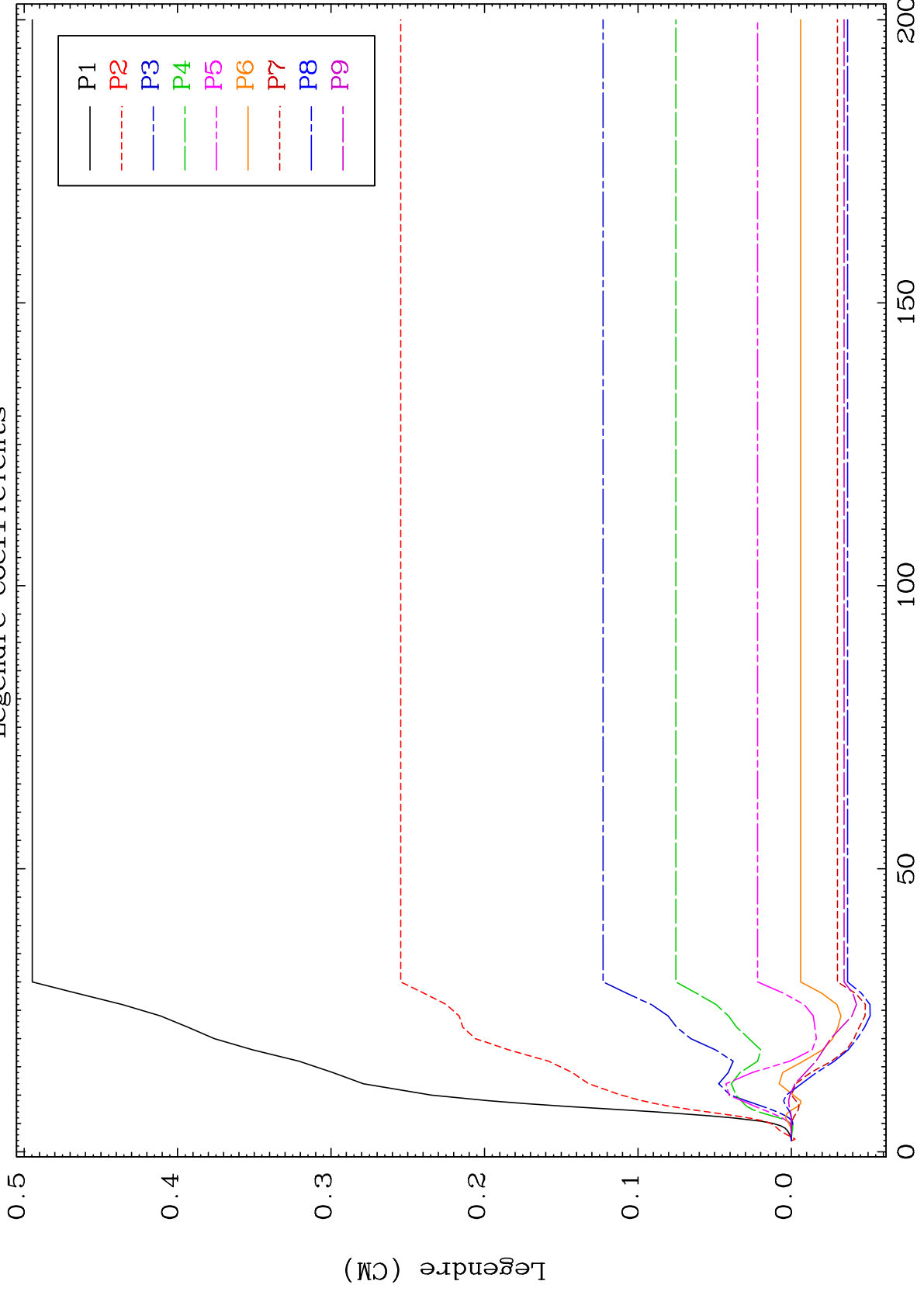
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



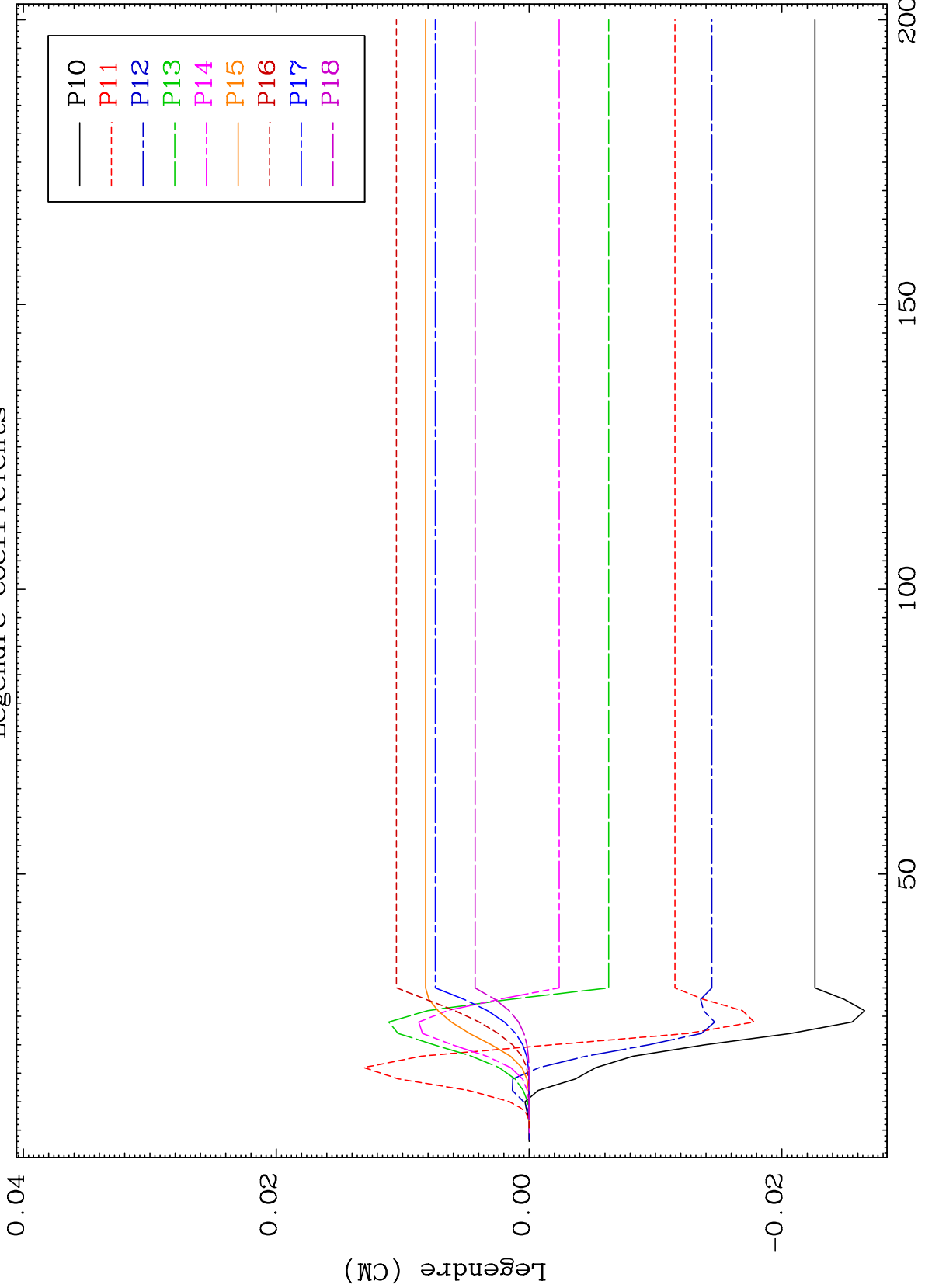
107

Incident Energy (MeV)

36-Kr-83

MAT 3640 MT= 76 (n,n') Level Legendre Coefficients

36-Kr-83



36-Kr-83

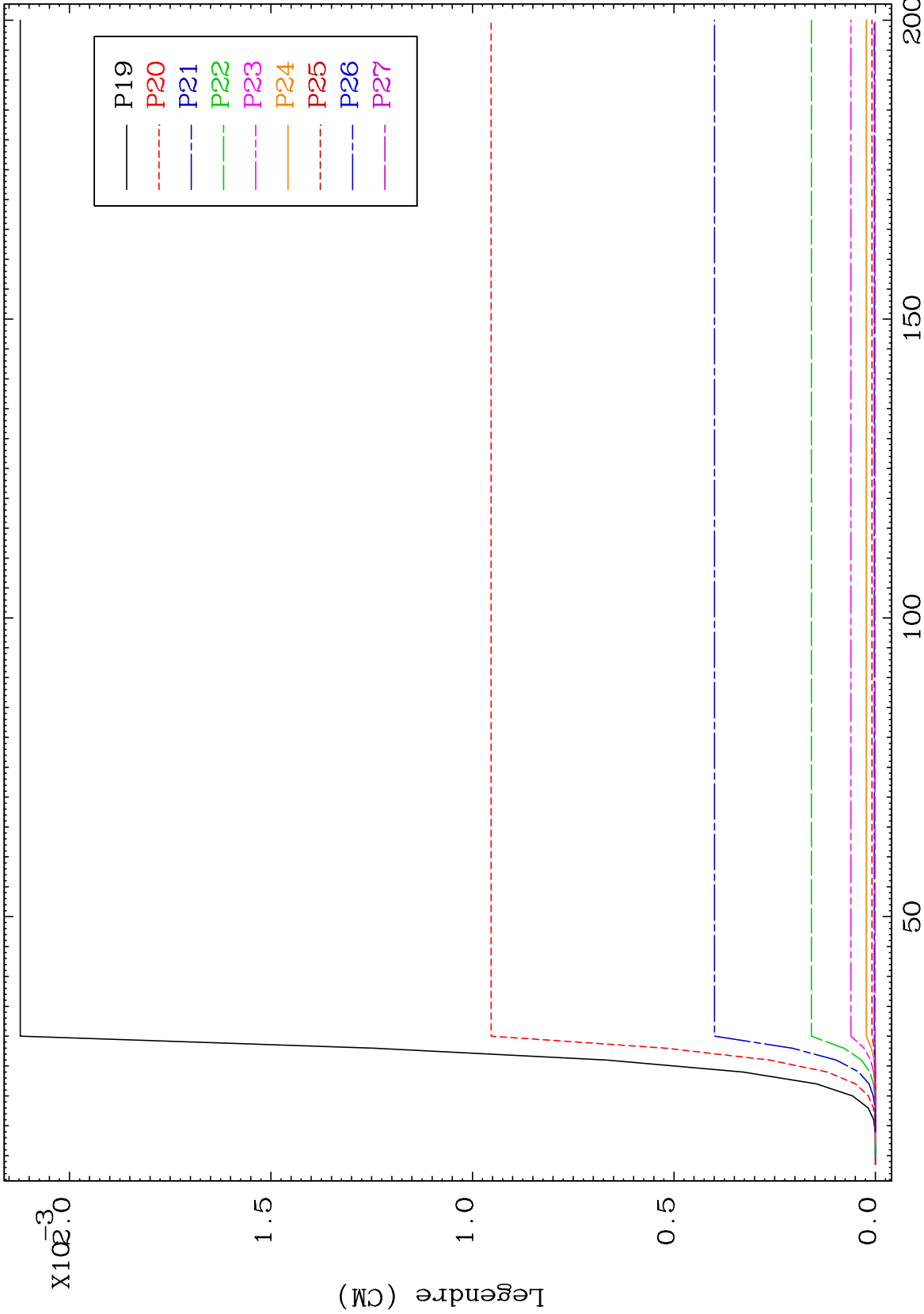
Incident Energy (MeV)

108

MAT 3640

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

36-Kr-83



109

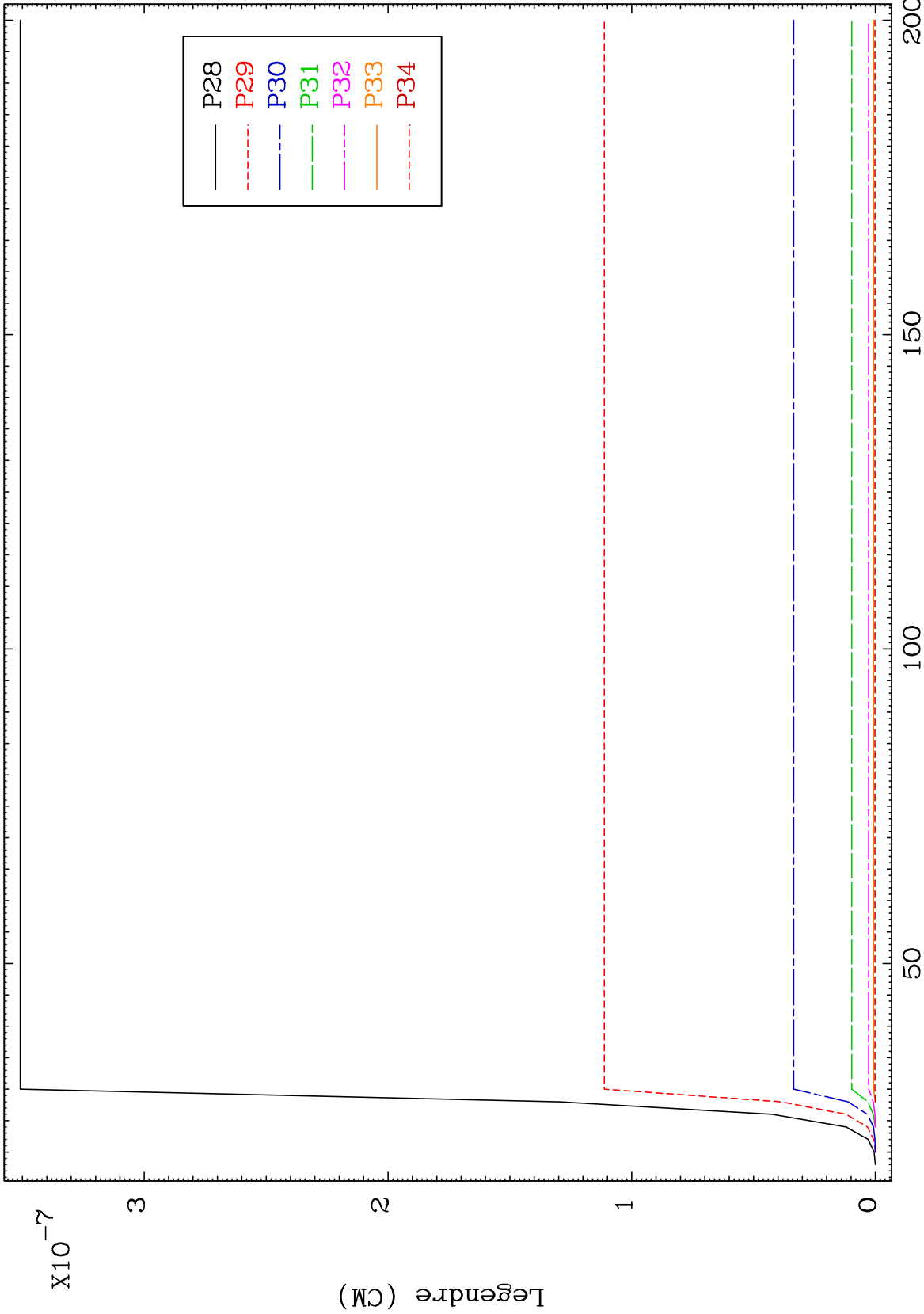
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



110

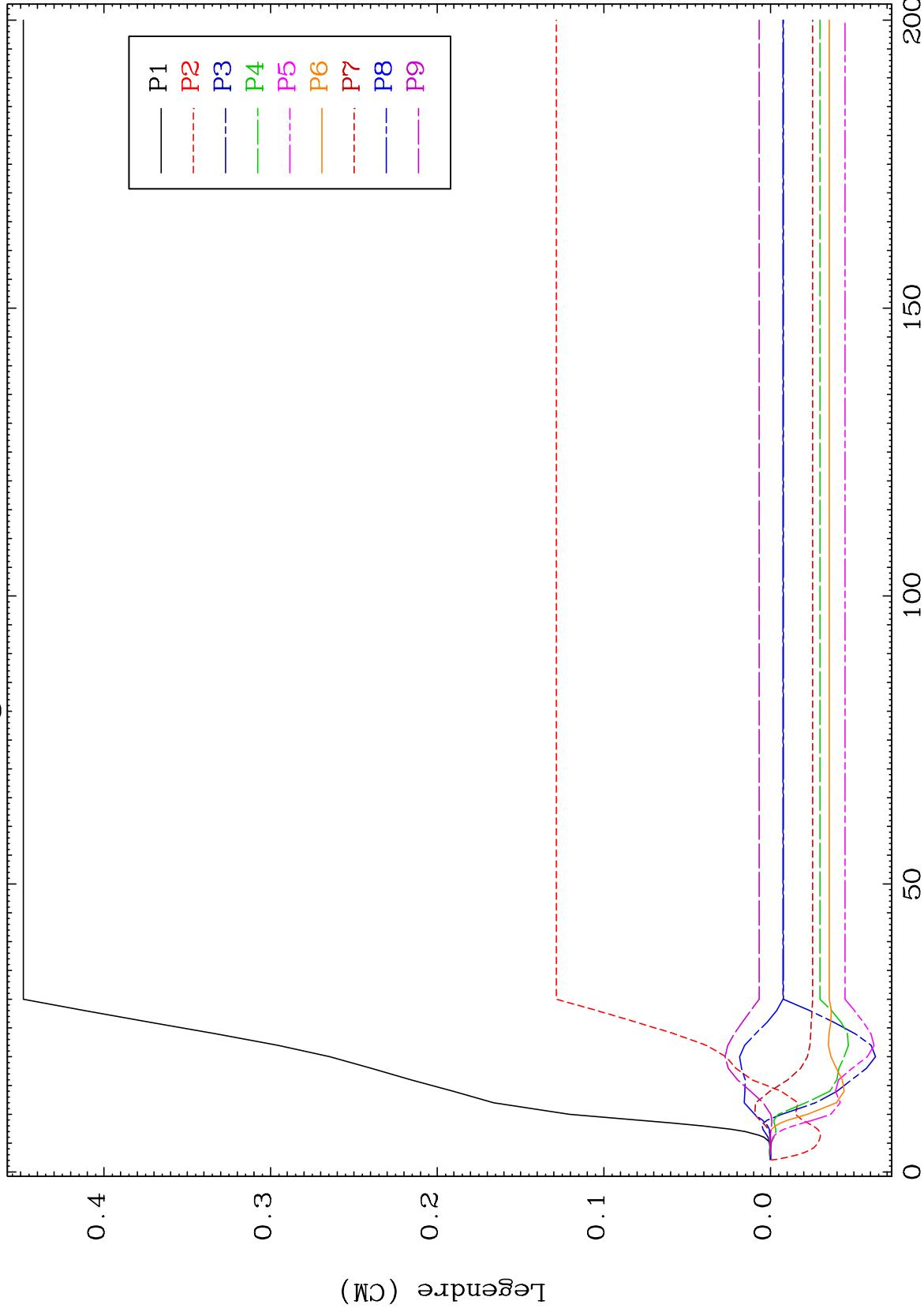
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



111

Incident Energy (MeV)

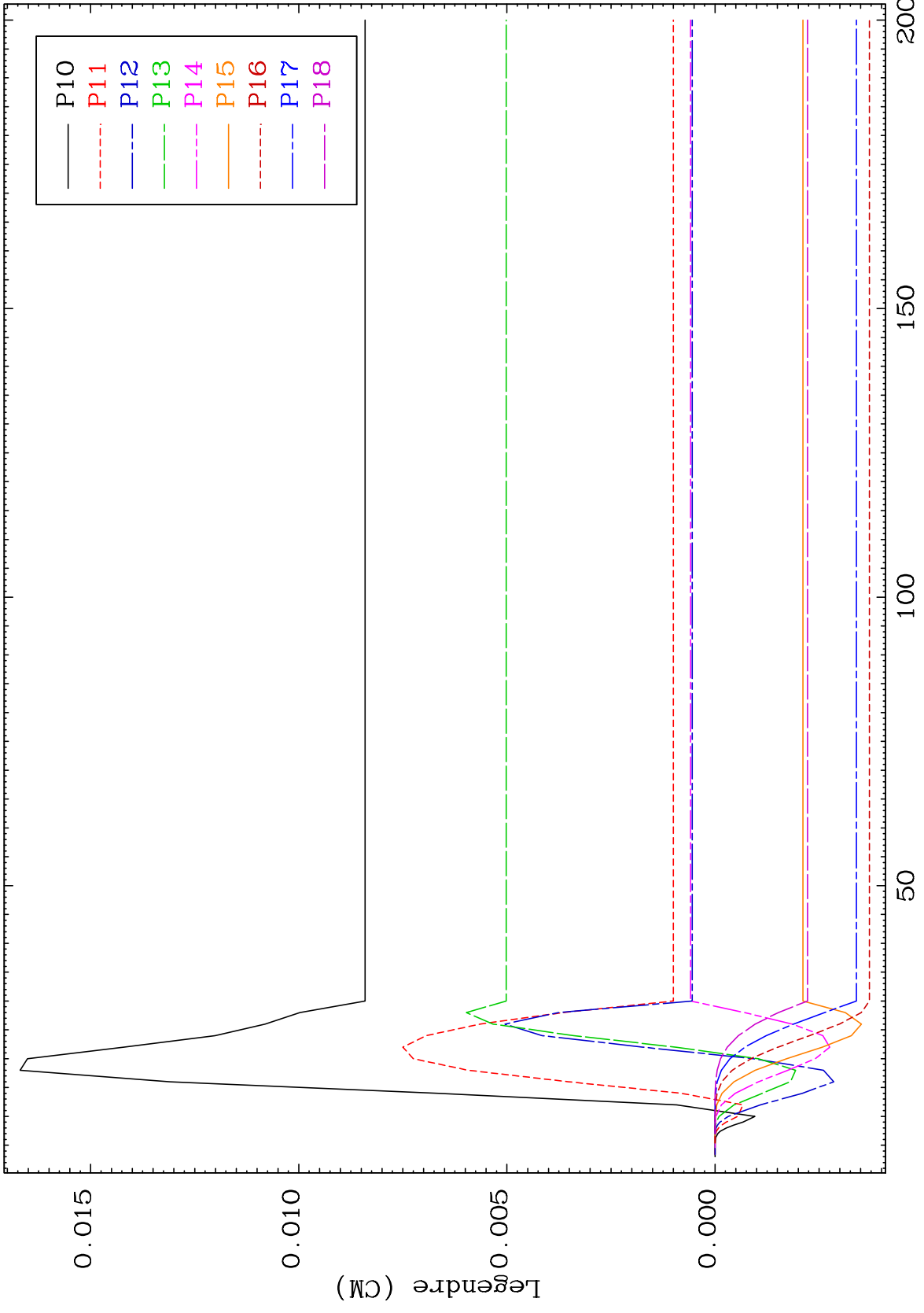
36-Kr-83



MAT 3640

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

36-Kr-83

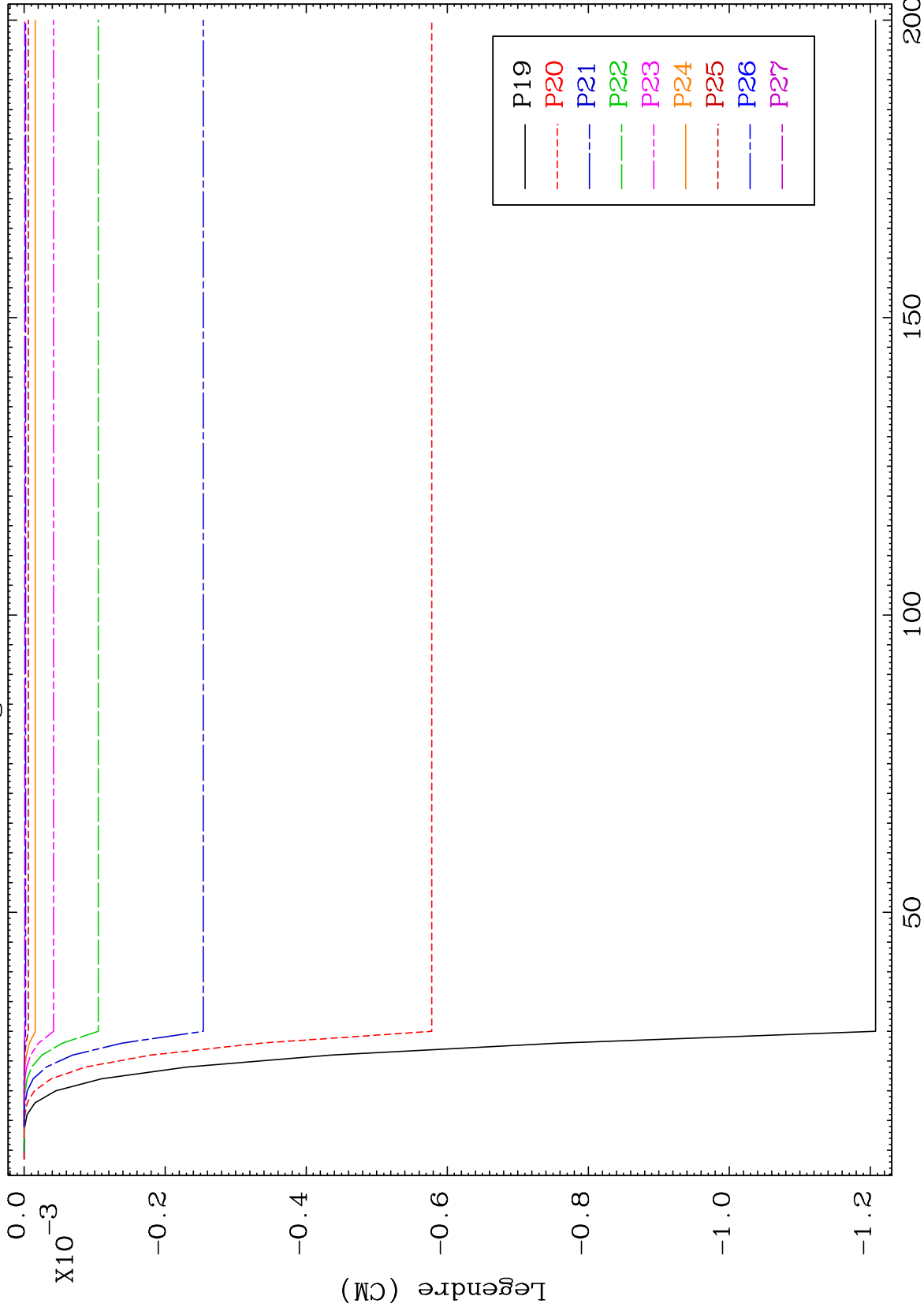


112

Incident Energy (MeV)

36-Kr-83

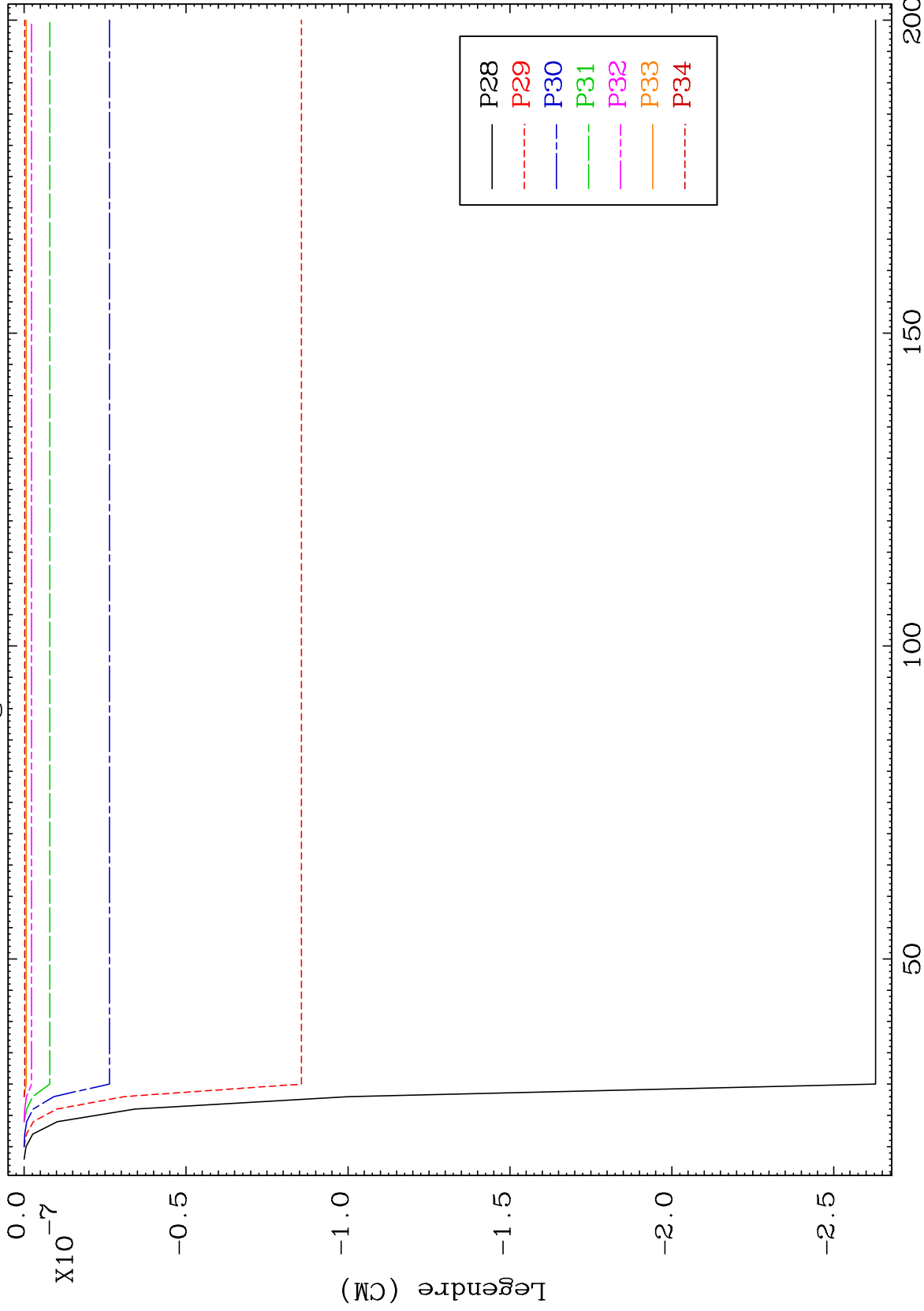
MT= 77 (n,n') Level  
Legendre Coefficients



MAT 3640

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

36-Kr-83



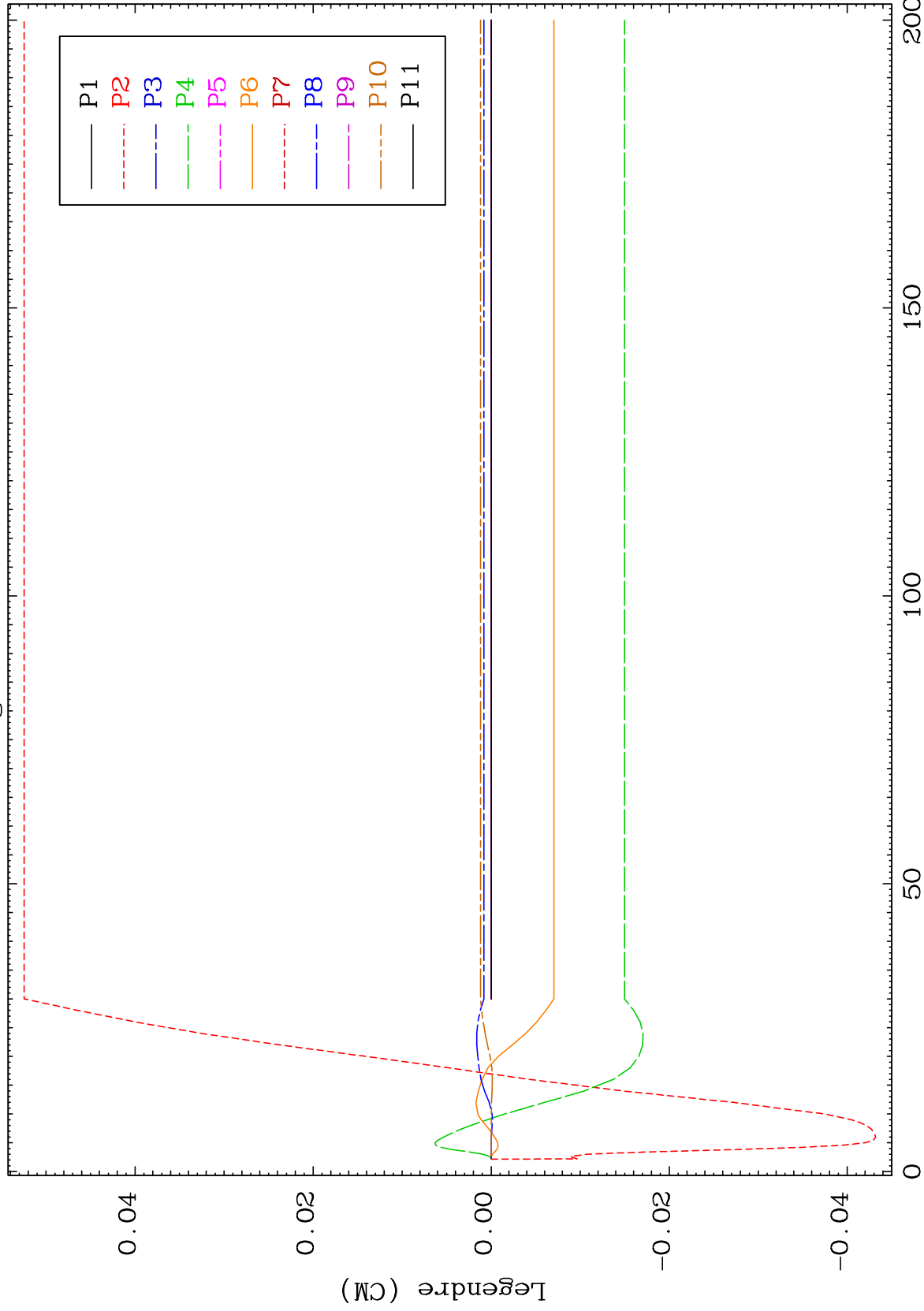
114

36-Kr-83

MAT 3640

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

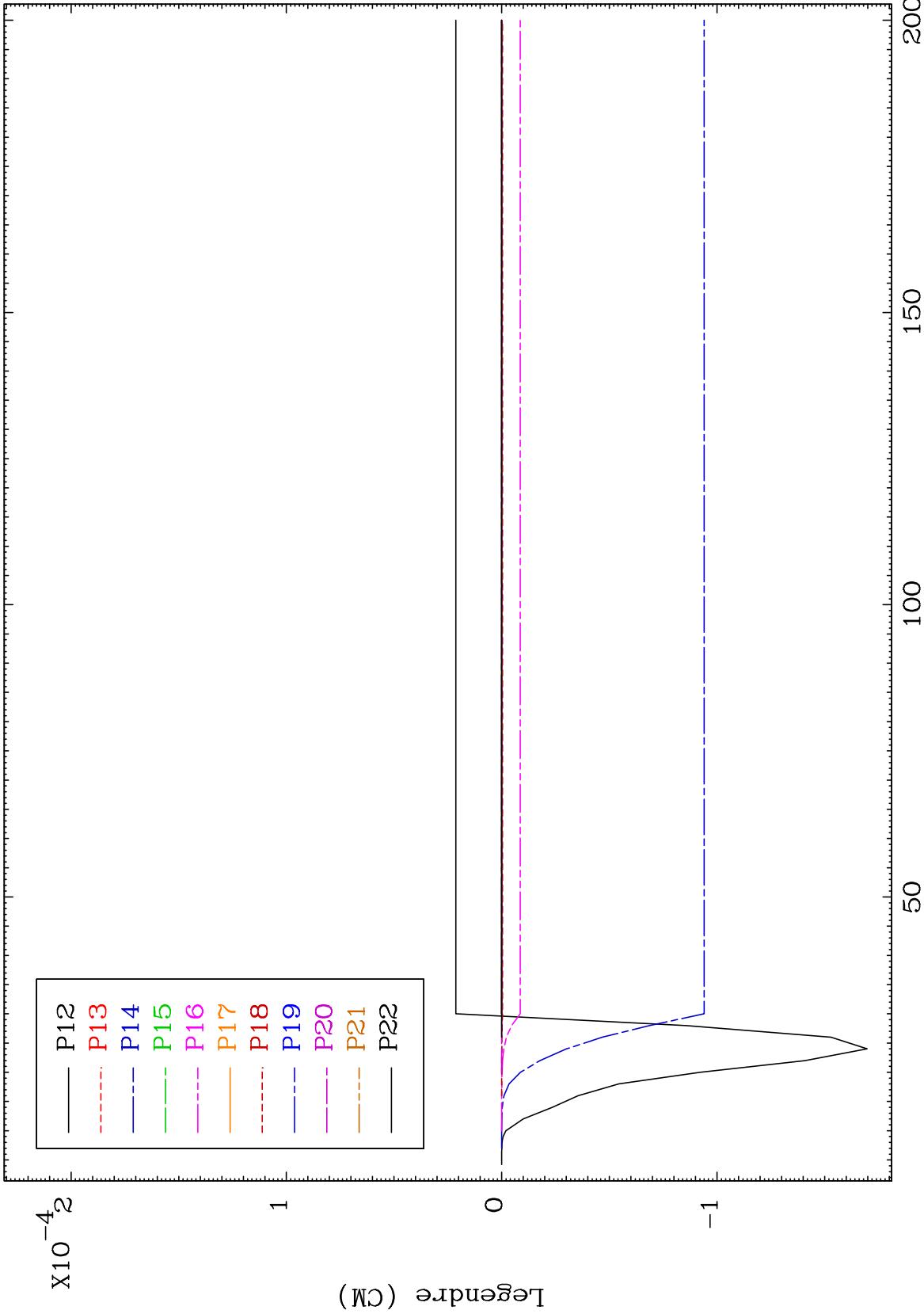
36-Kr-83



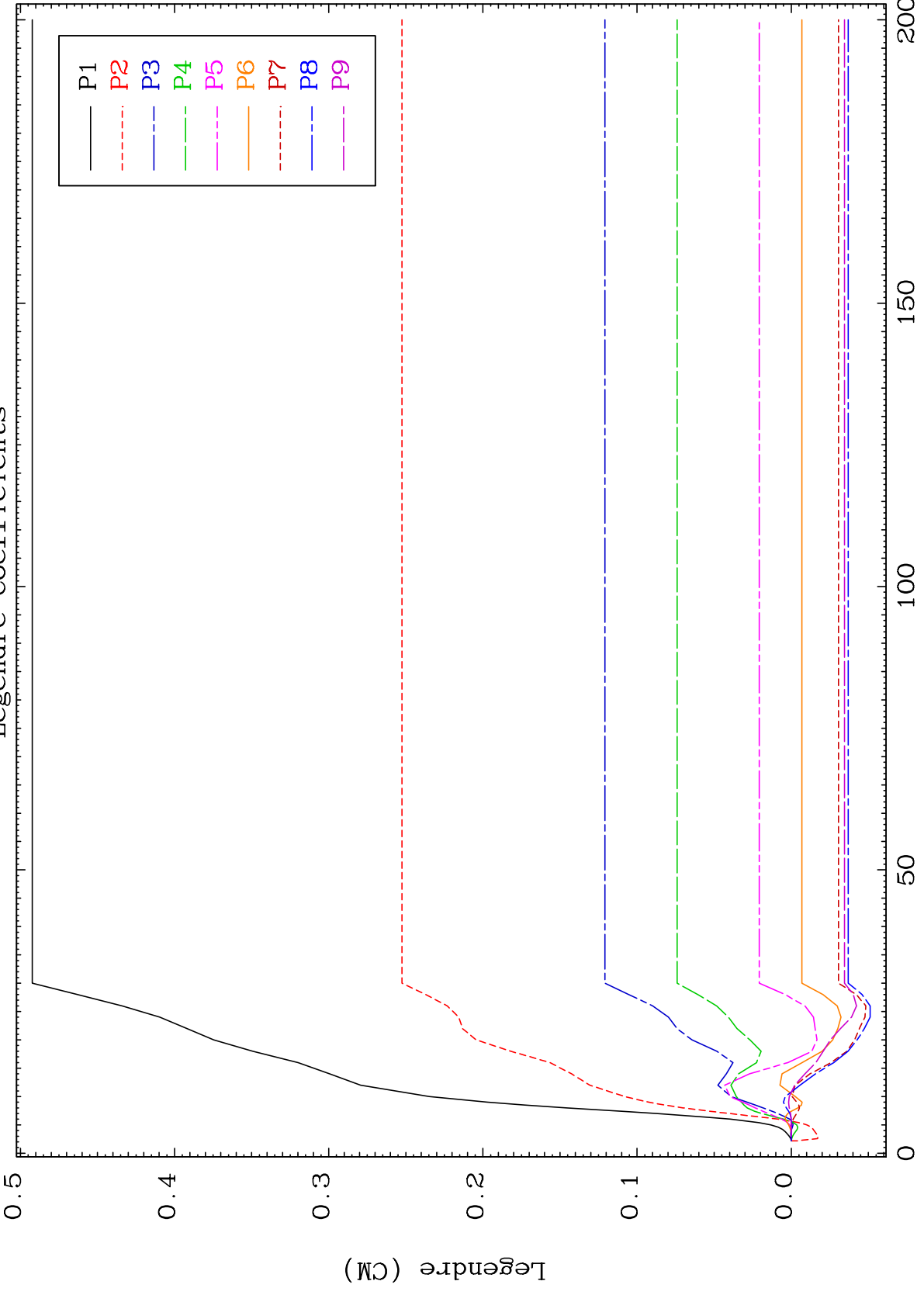
115

Incident Energy (MeV)

36-Kr-83



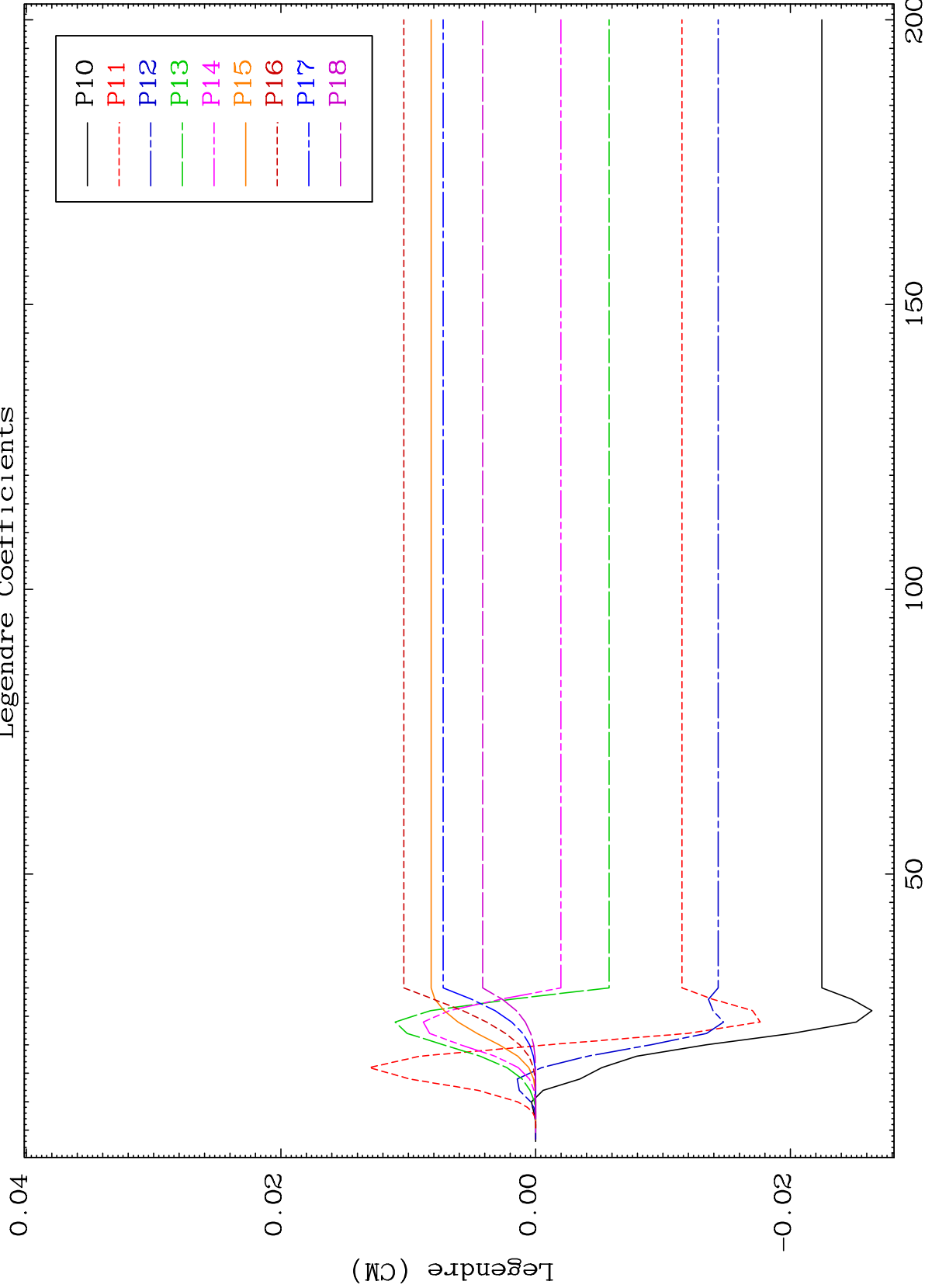
MAT 3640 MT= 79 (n,n') Level Legendre Coefficients 36-Kr-83



117 36-Kr-83

MAT 3640 MT= 79 (n,n') Level Legendre Coefficients

36-Kr-83



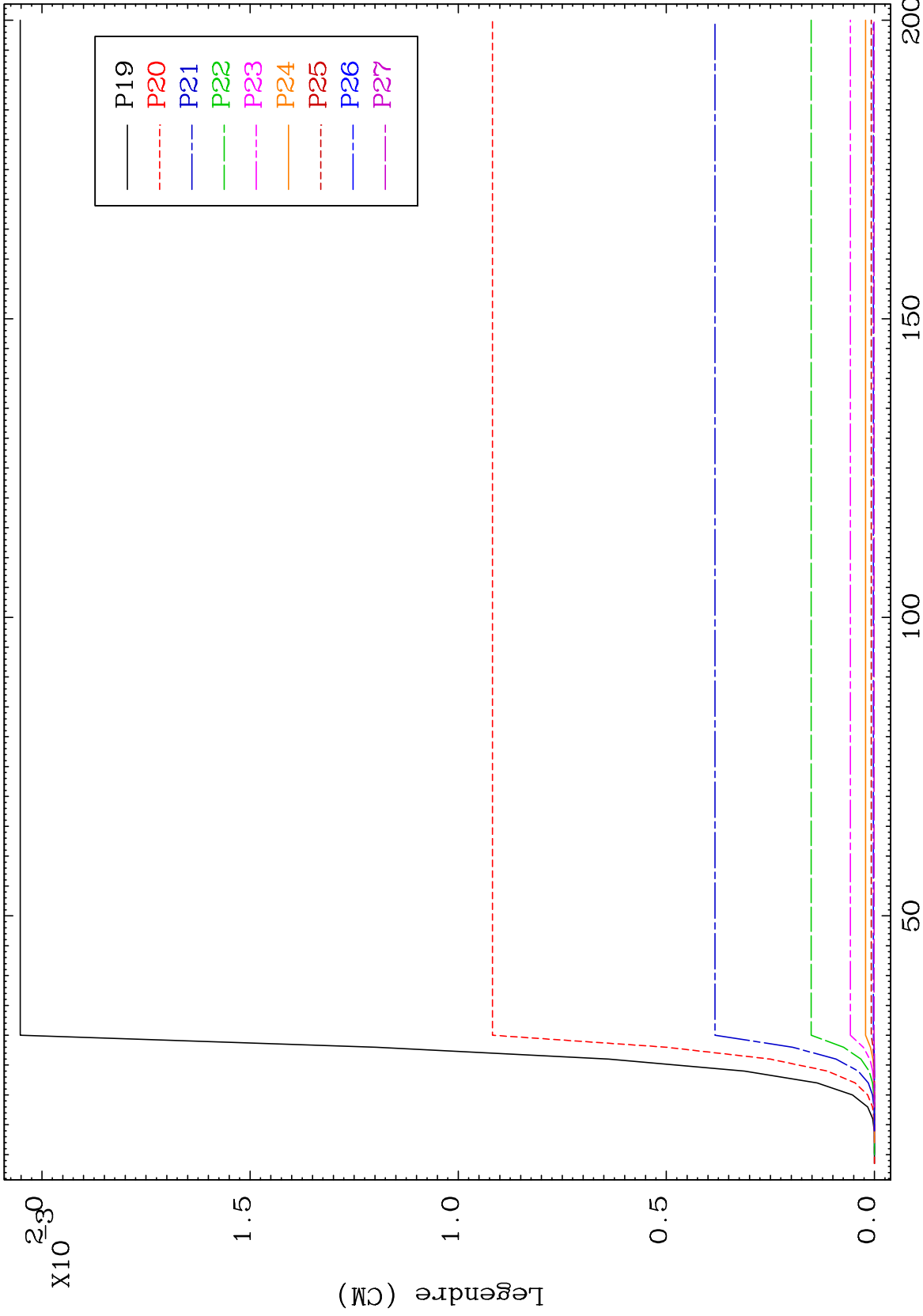
36-Kr-83

Incident Energy (MeV)

MAT 3640

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

36-Kr-83



119

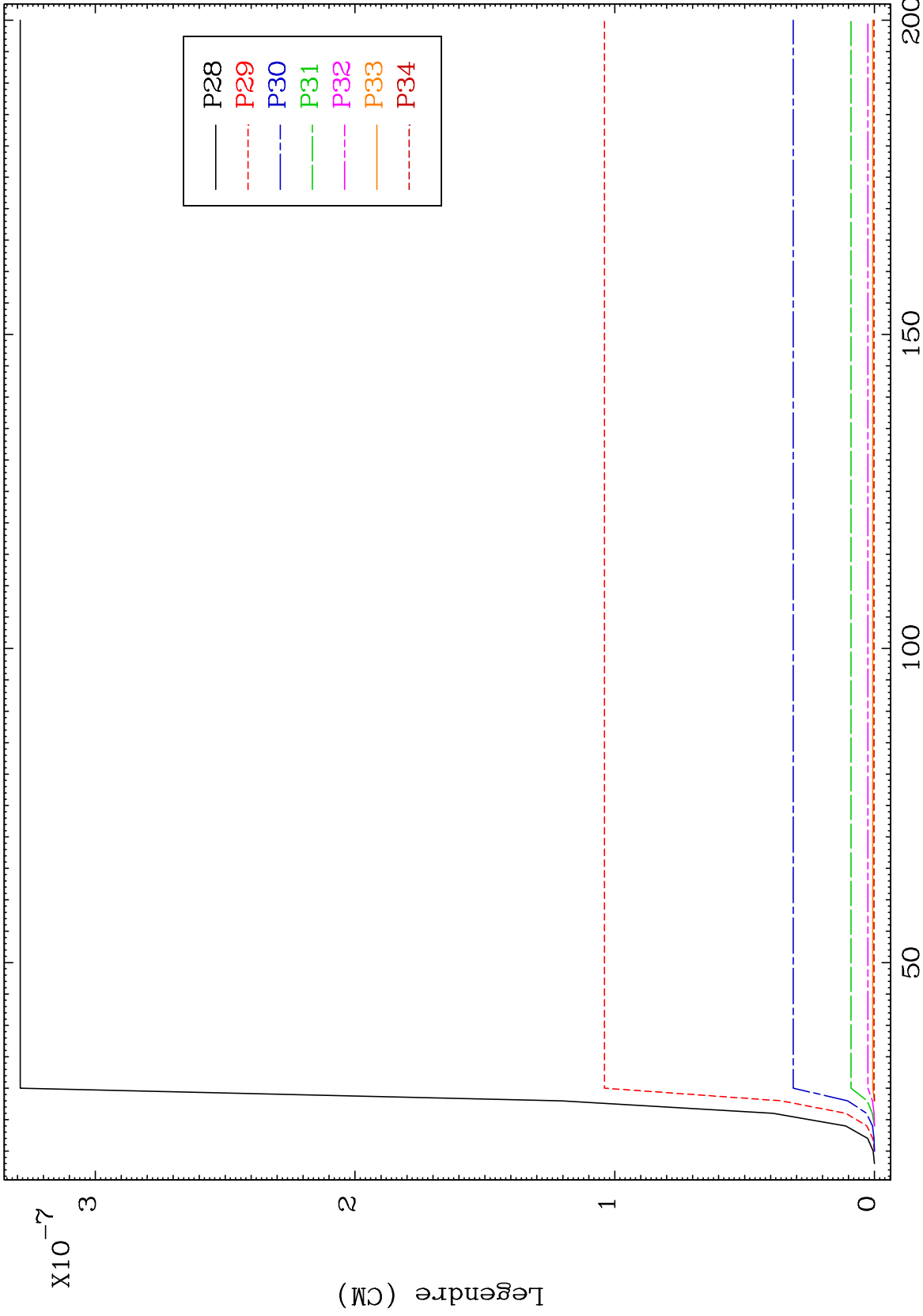
36-Kr-83



MAT 3640

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

36-Kr-83



120

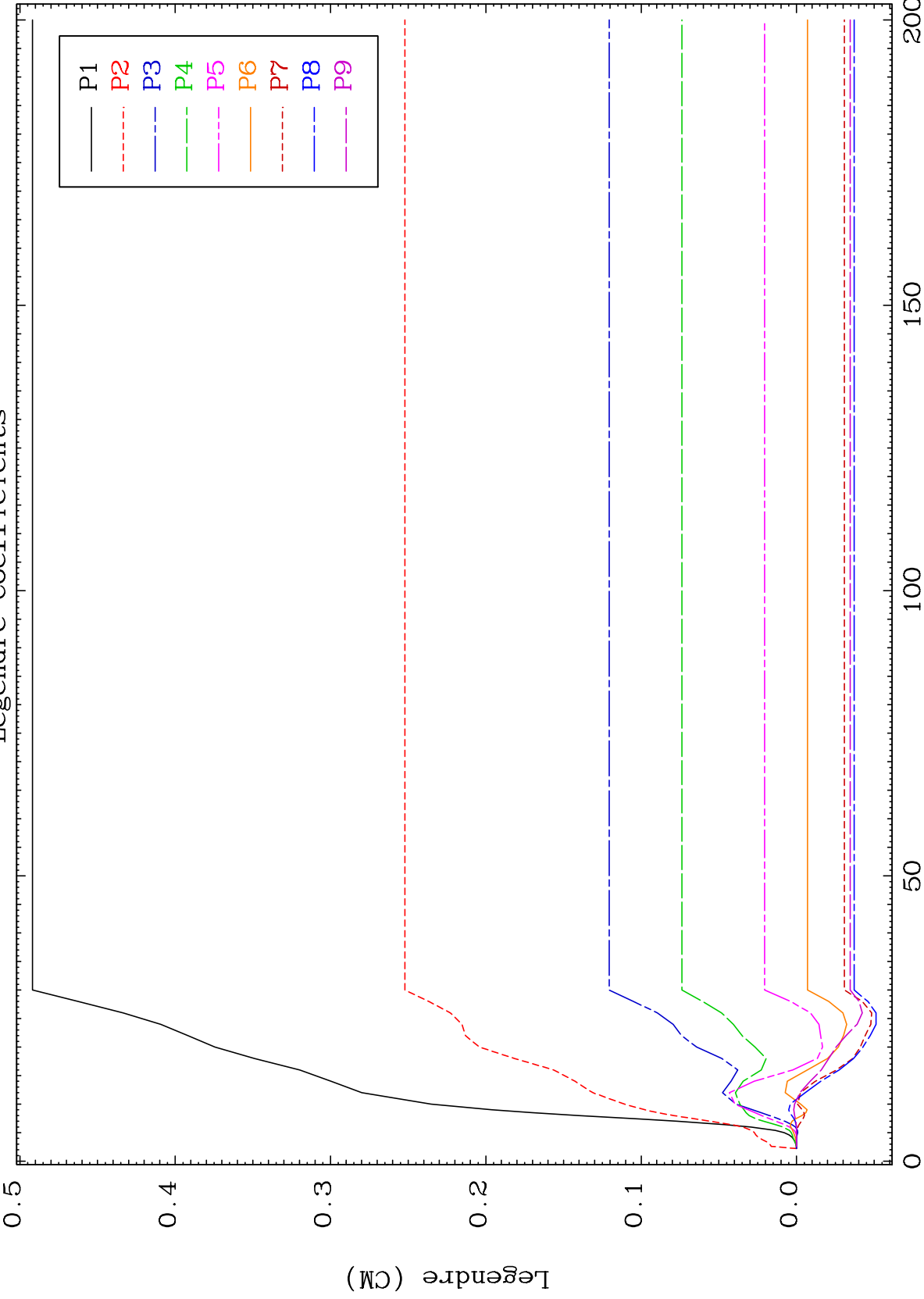
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



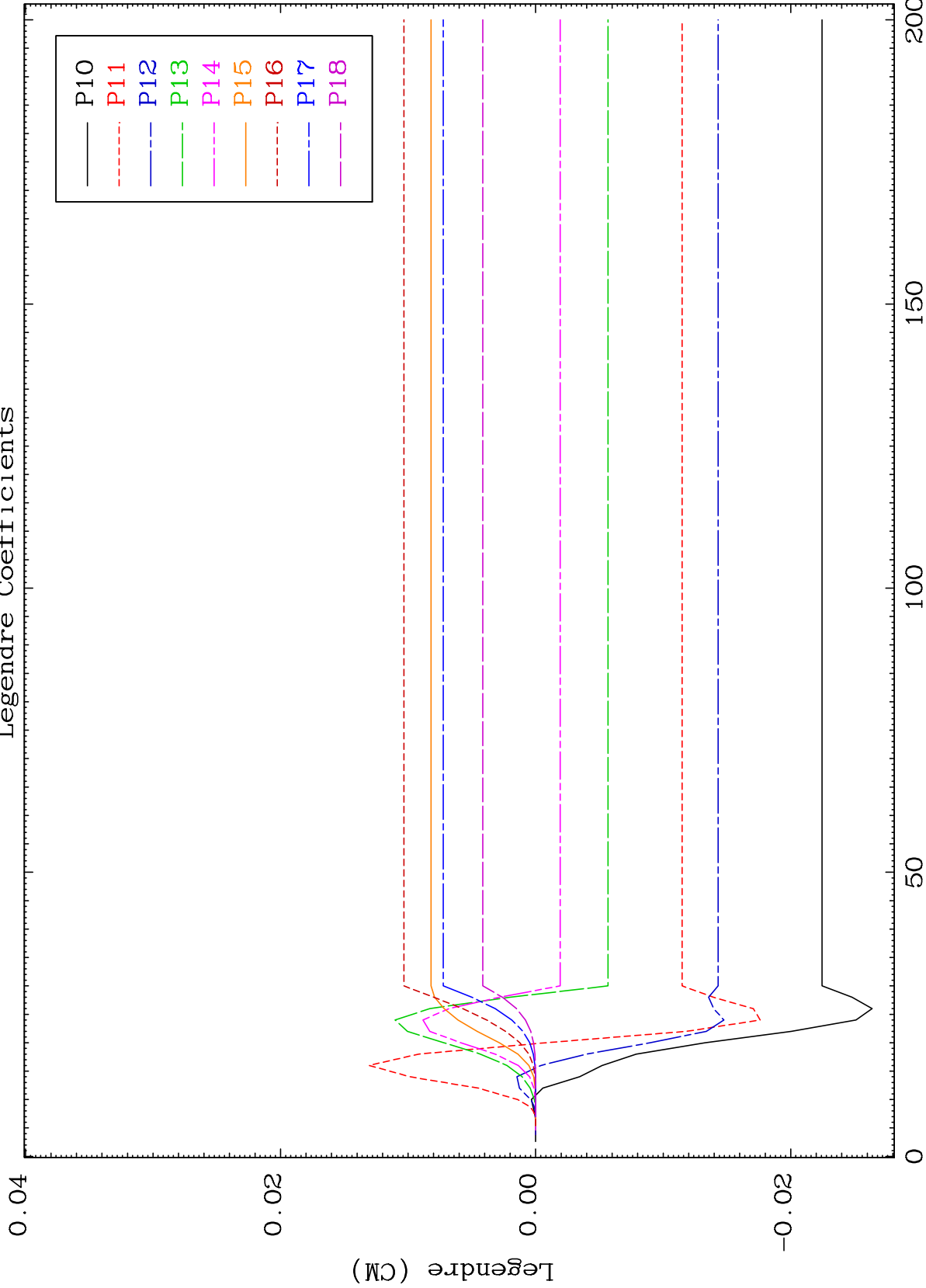
36-Kr-83

Incident Energy (MeV)

121

MAT 3640 MT= 80 (n,n') Level Legendre Coefficients

36-Kr-83



36-Kr-83

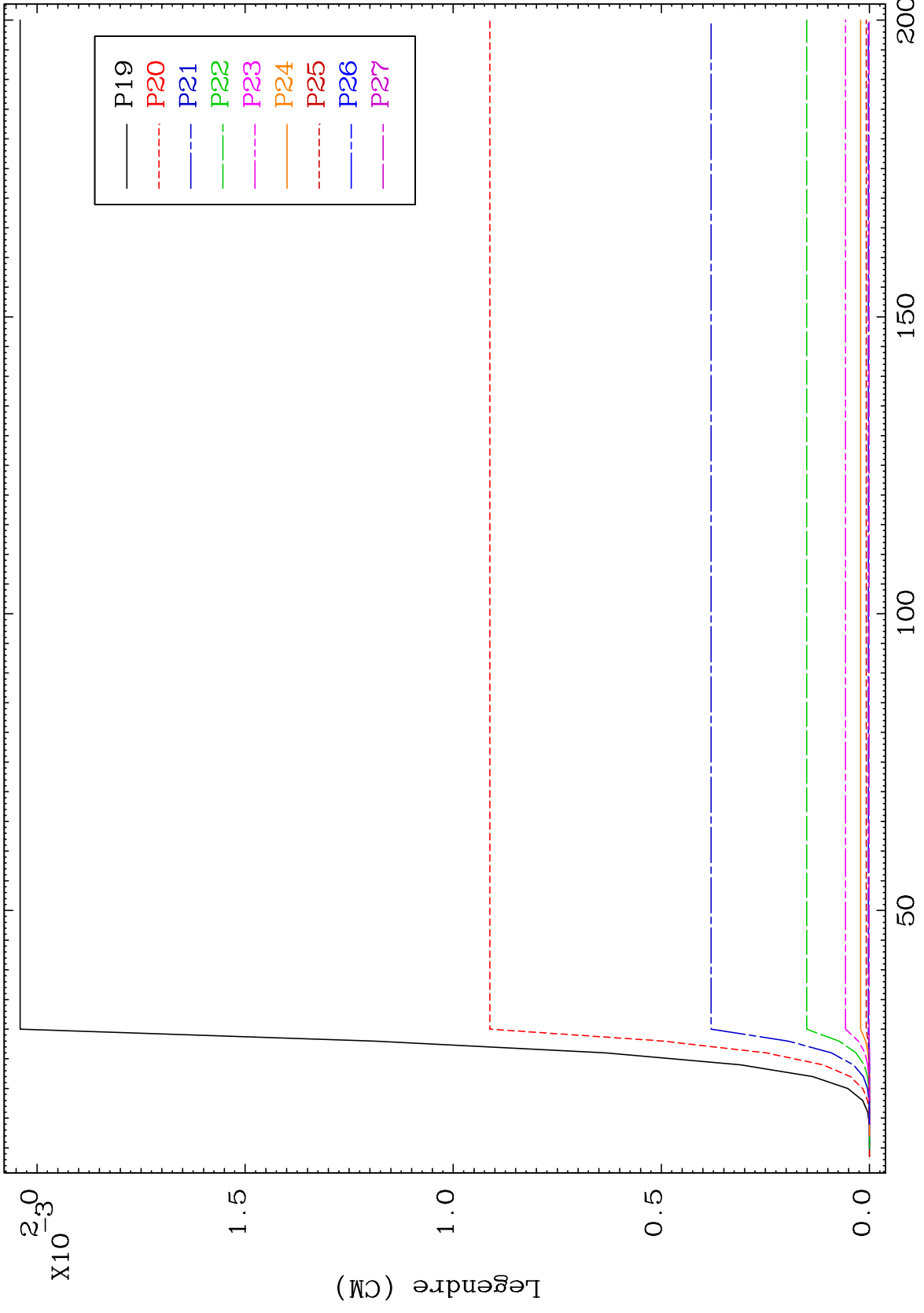
Incident Energy (MeV)

122

MAT 3640

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

36-Kr-83



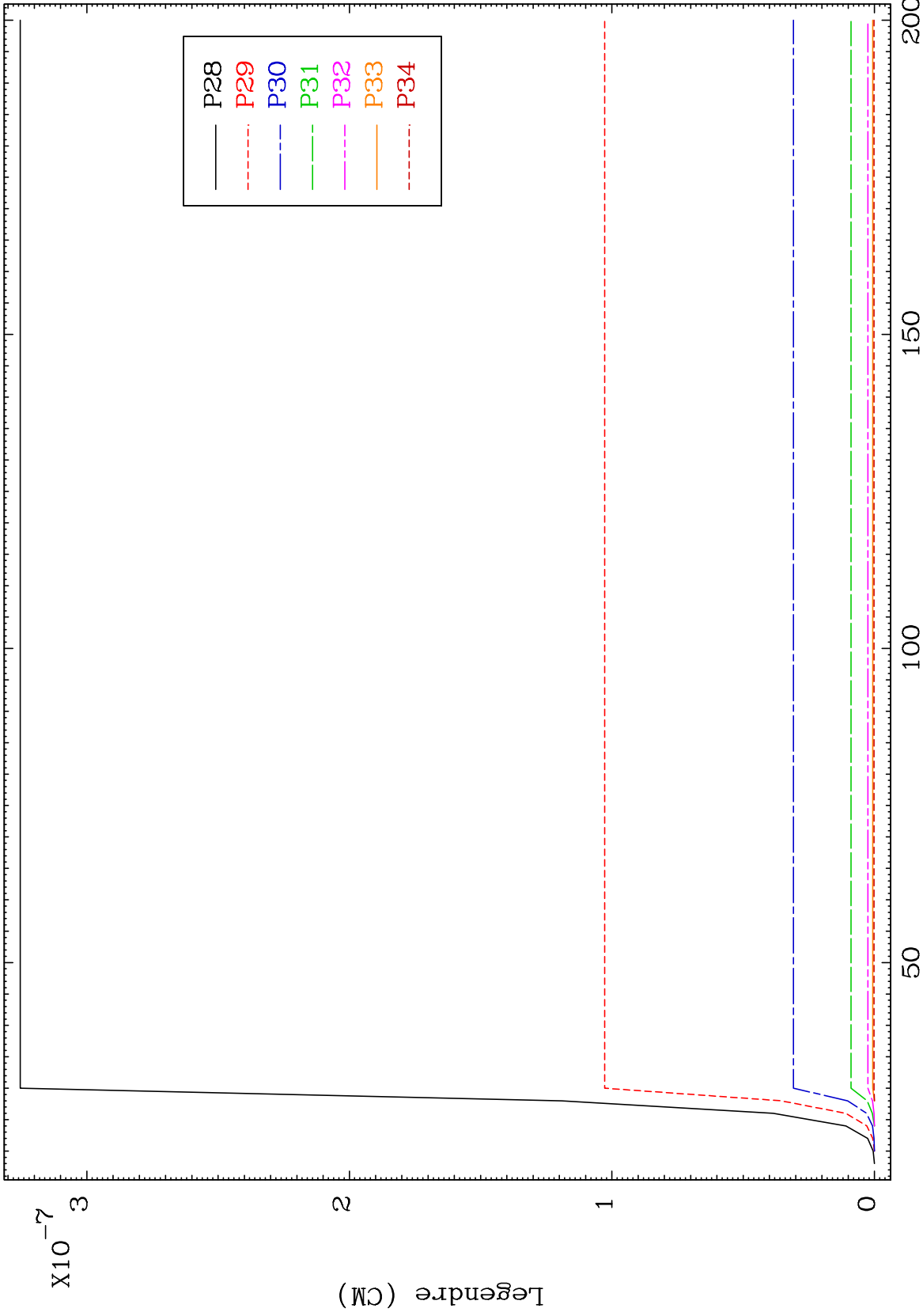
123

36-Kr-83

MAT 3640

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

36-Kr-83



124

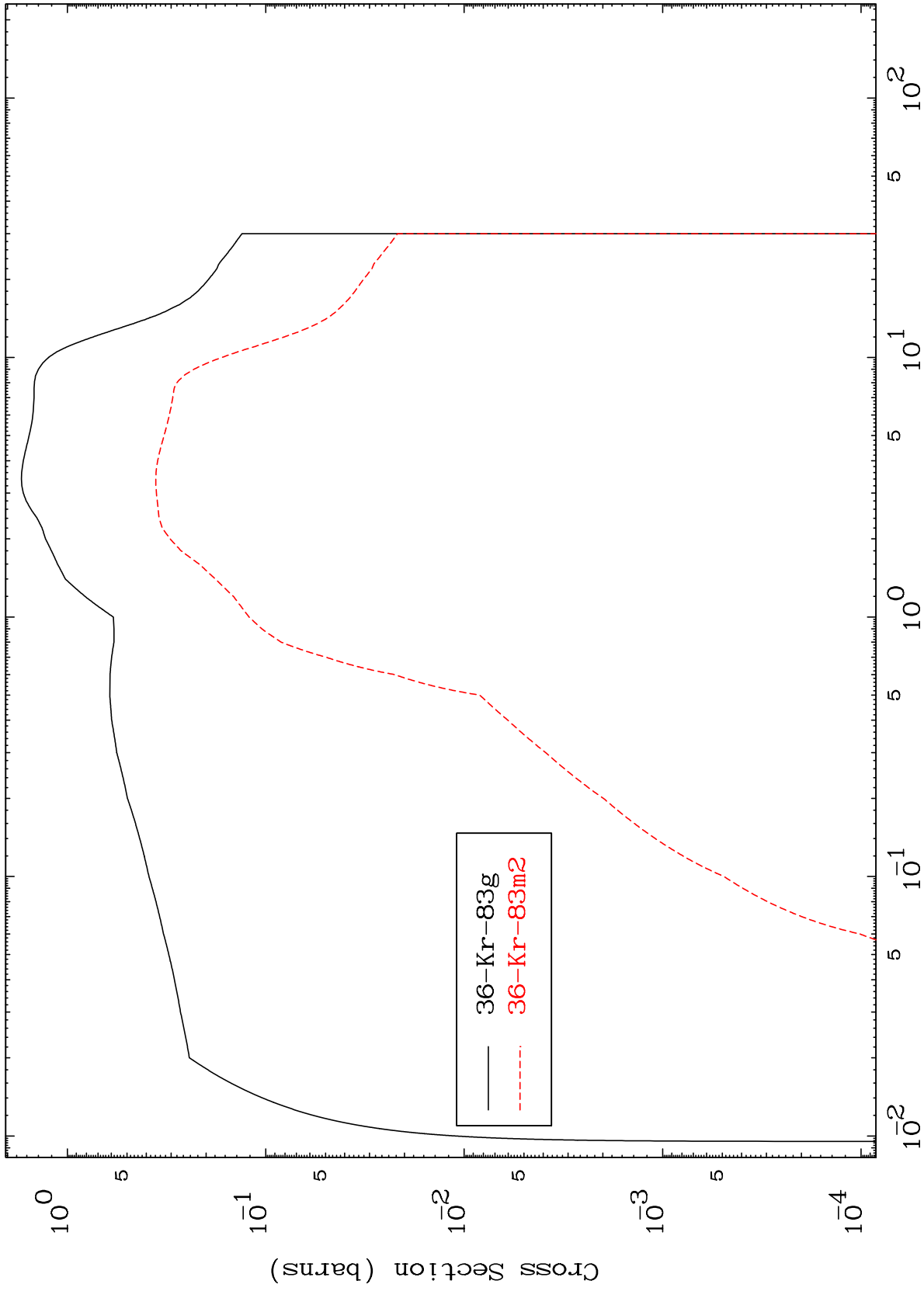
Incident Energy (MeV)

36-Kr-83

MAT 3640

36-Kr-83

### Inelastic Radionuclide Production Cross Section

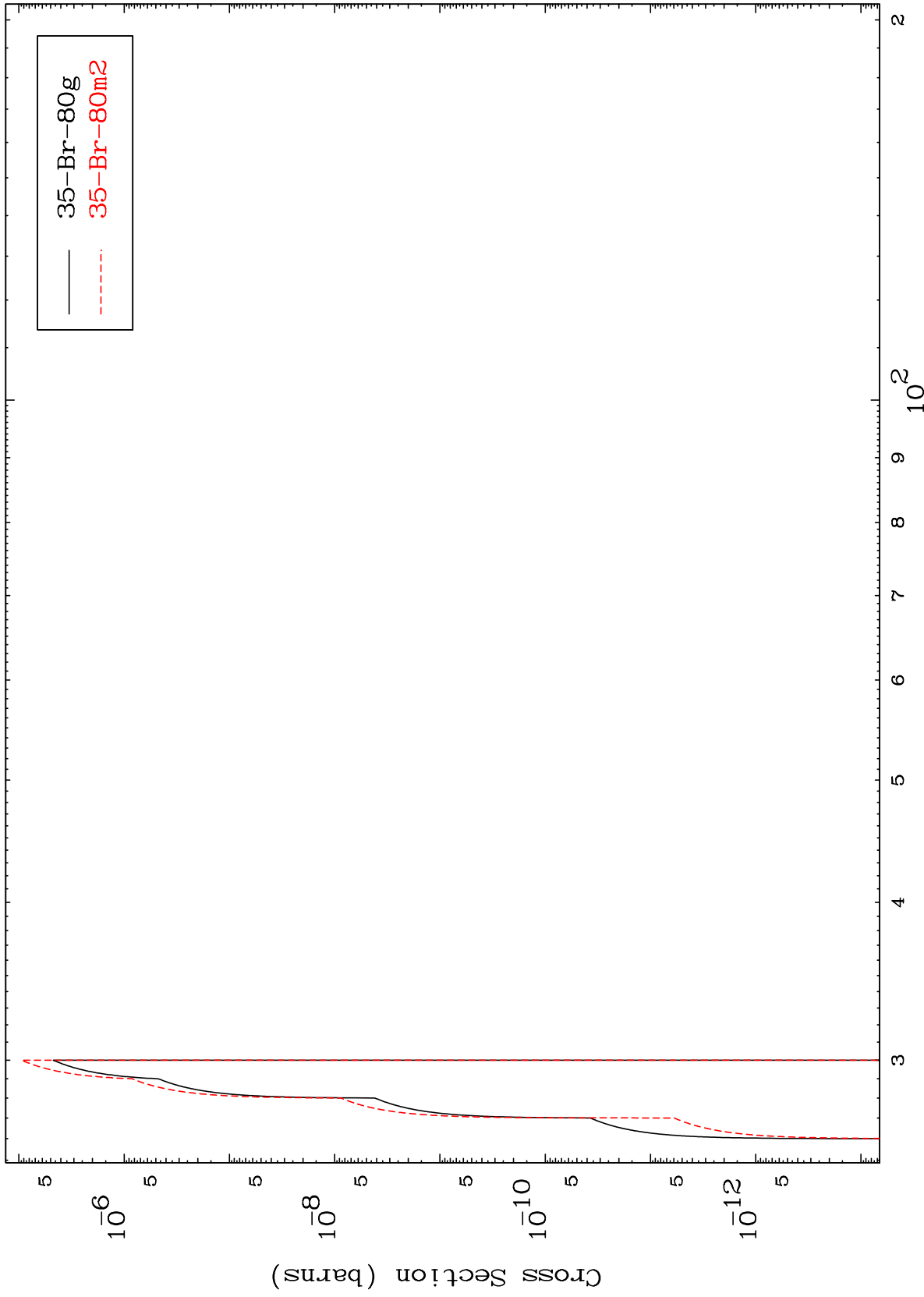


36-Kr-83

Incident Energy (MeV)

125

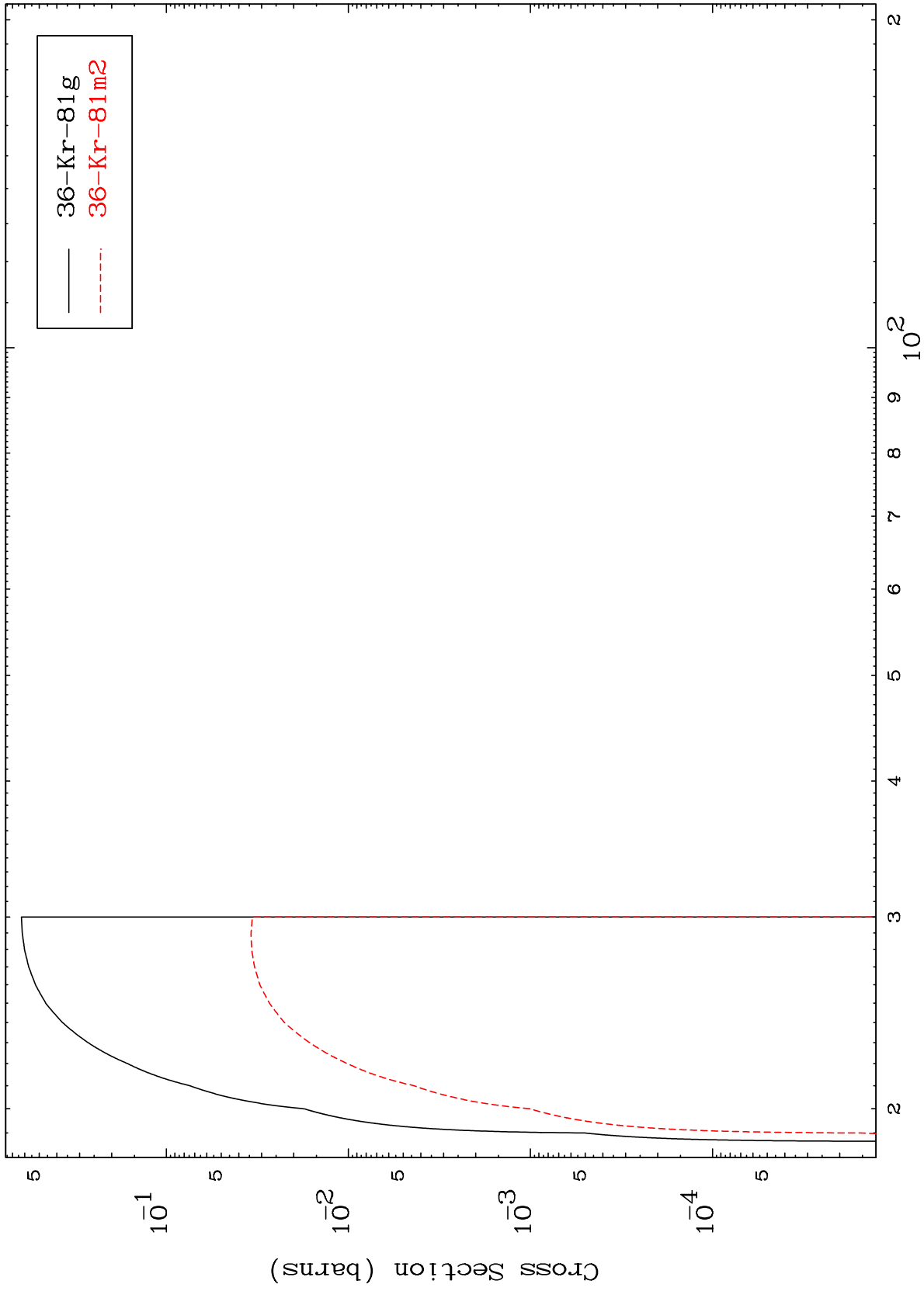
Radionuclide Production Cross Section



MAT 3640

36-Kr-83

(n,3n)  
Radionuclide Production Cross Section



127

Incident Energy (MeV)

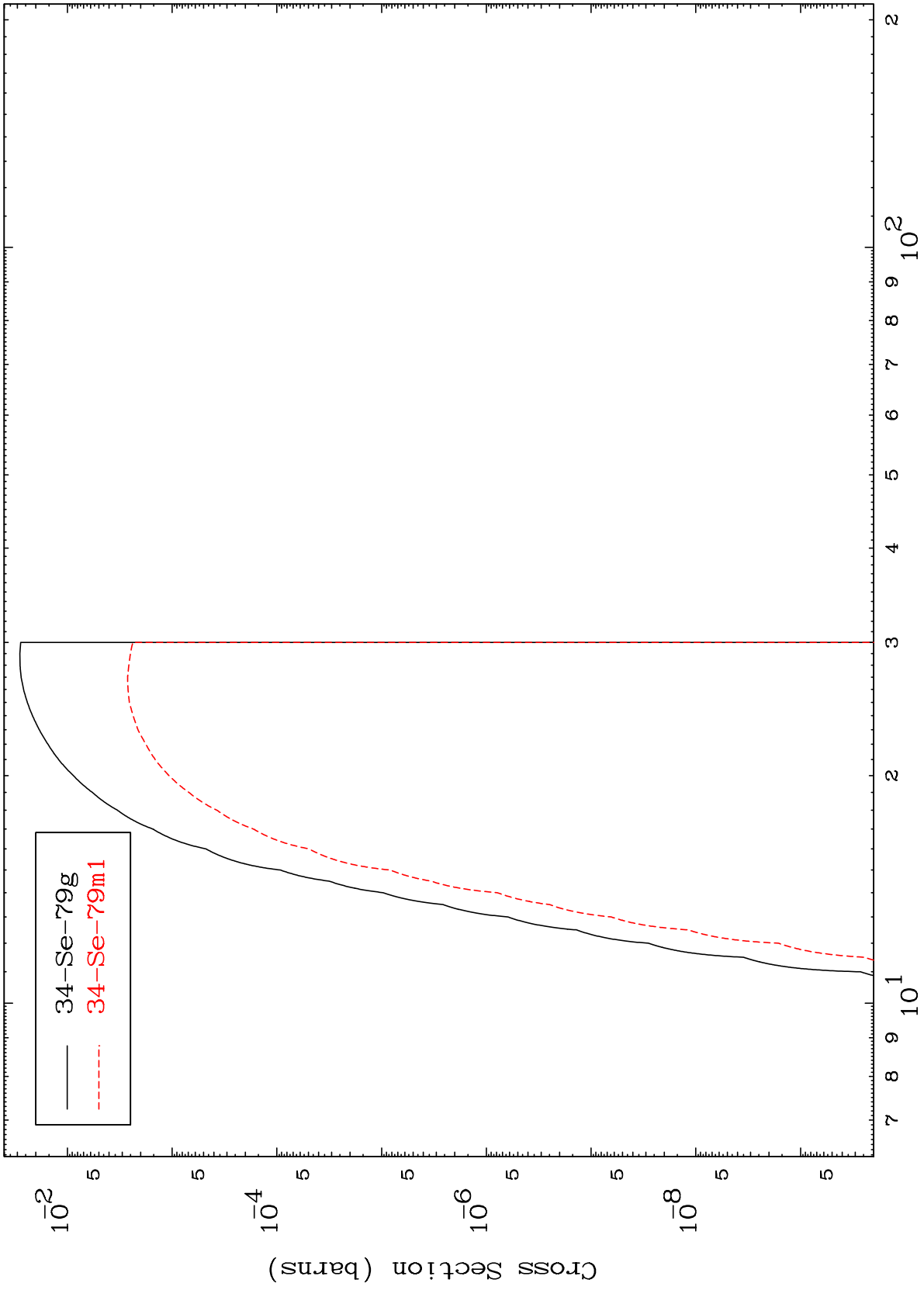
36-Kr-83



MAT 3640

36-Kr-83

(n,n')  $\alpha$   
Radionuclide Production Cross Section



128

Incident Energy (MeV)

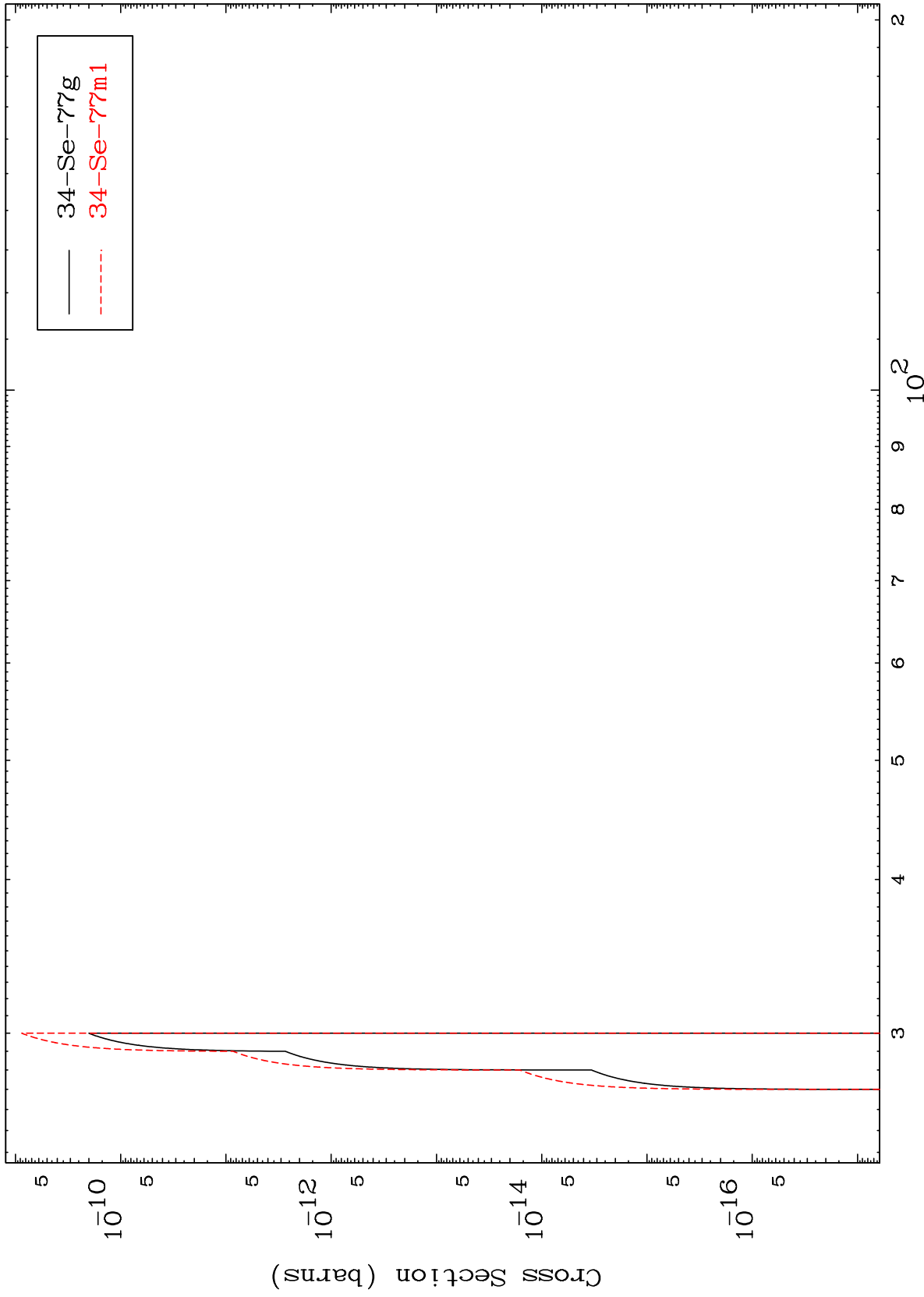
36-Kr-83

MAT 3640

(n,3n)  $\alpha$

36-Kr-83

Radionuclide Production Cross Section



129

Incident Energy (MeV)

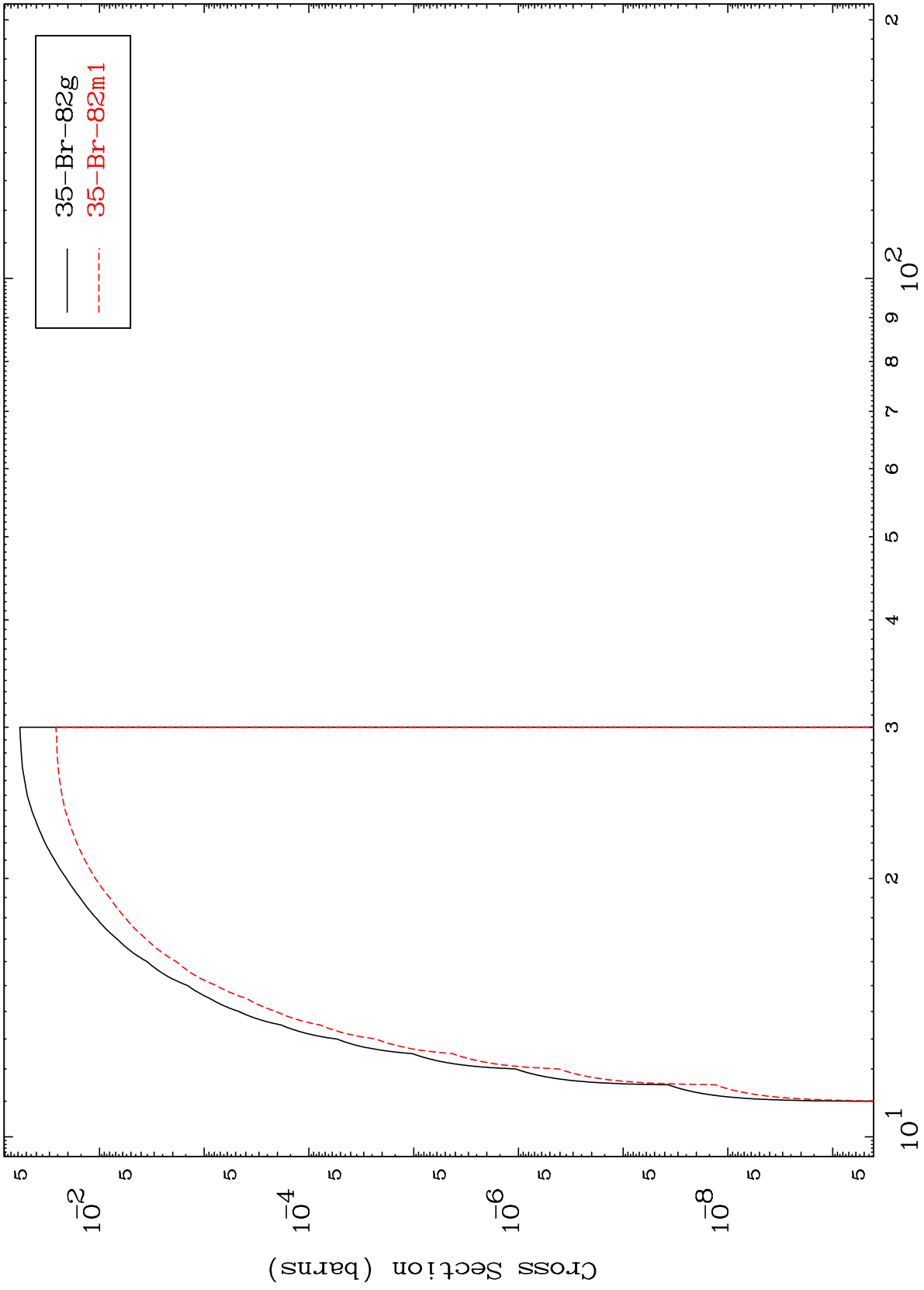
36-Kr-83

MAT 3640

(n,n') p

36-Kr-83

Radionuclide Production Cross Section



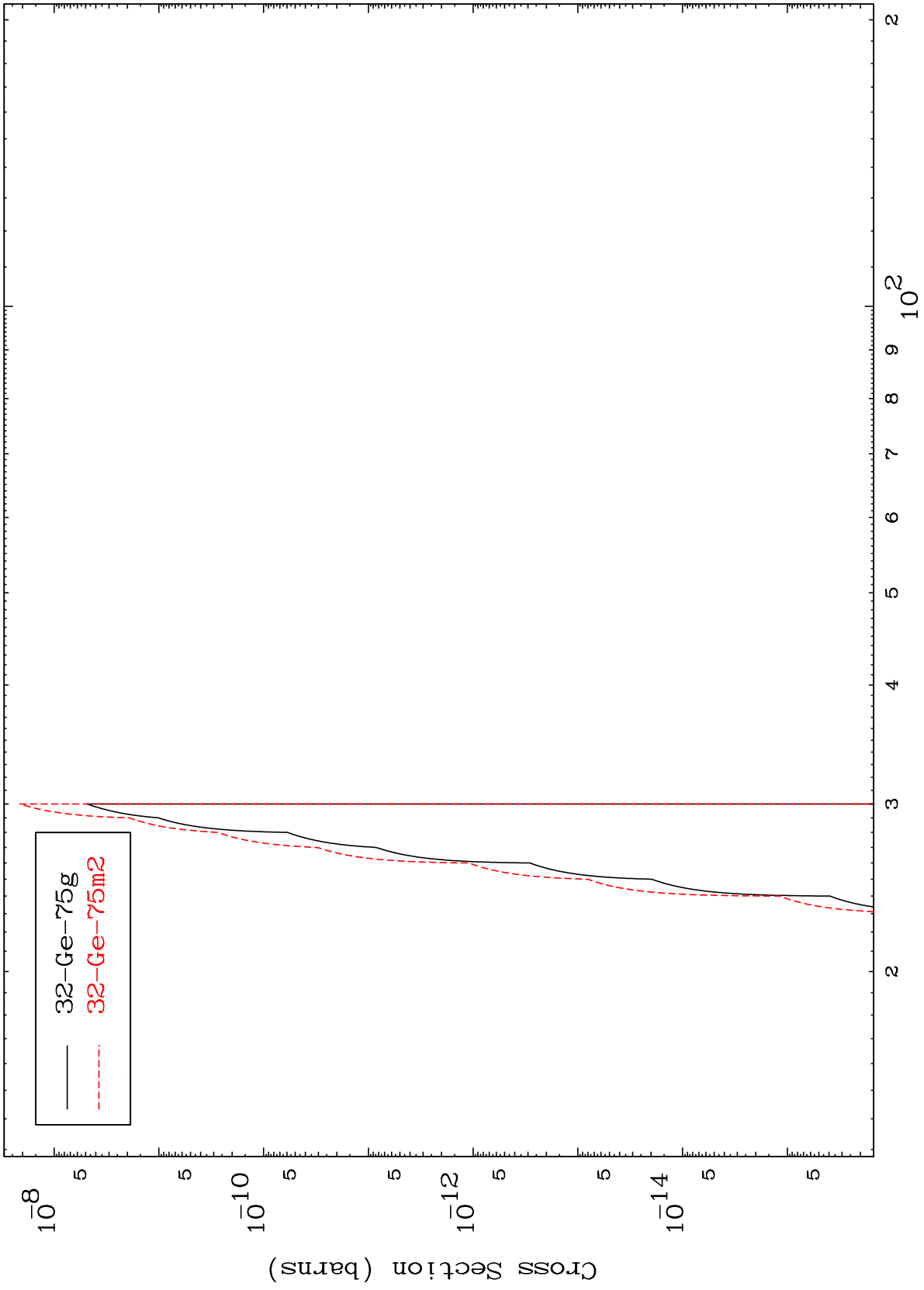
Incident Energy (MeV)

36-Kr-83

MAT 3640

(n,n') 2 $\alpha$   
Radionuclide Production Cross Section

36-Kr-83



131

Incident Energy (MeV)

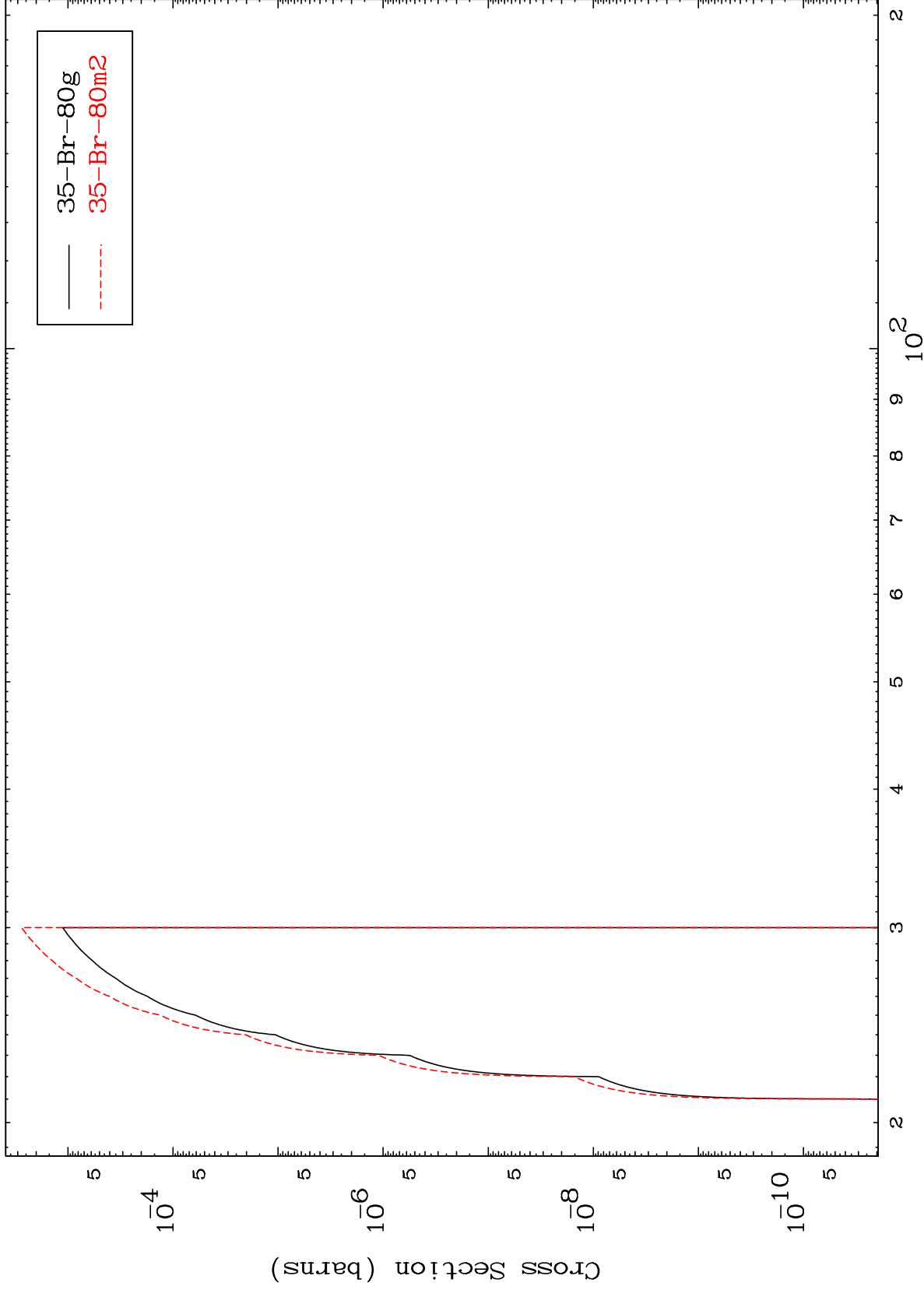
36-Kr-83

MAT 3640

(n,n') t

36-Kr-83

Radionuclide Production Cross Section



132

Incident Energy (MeV)

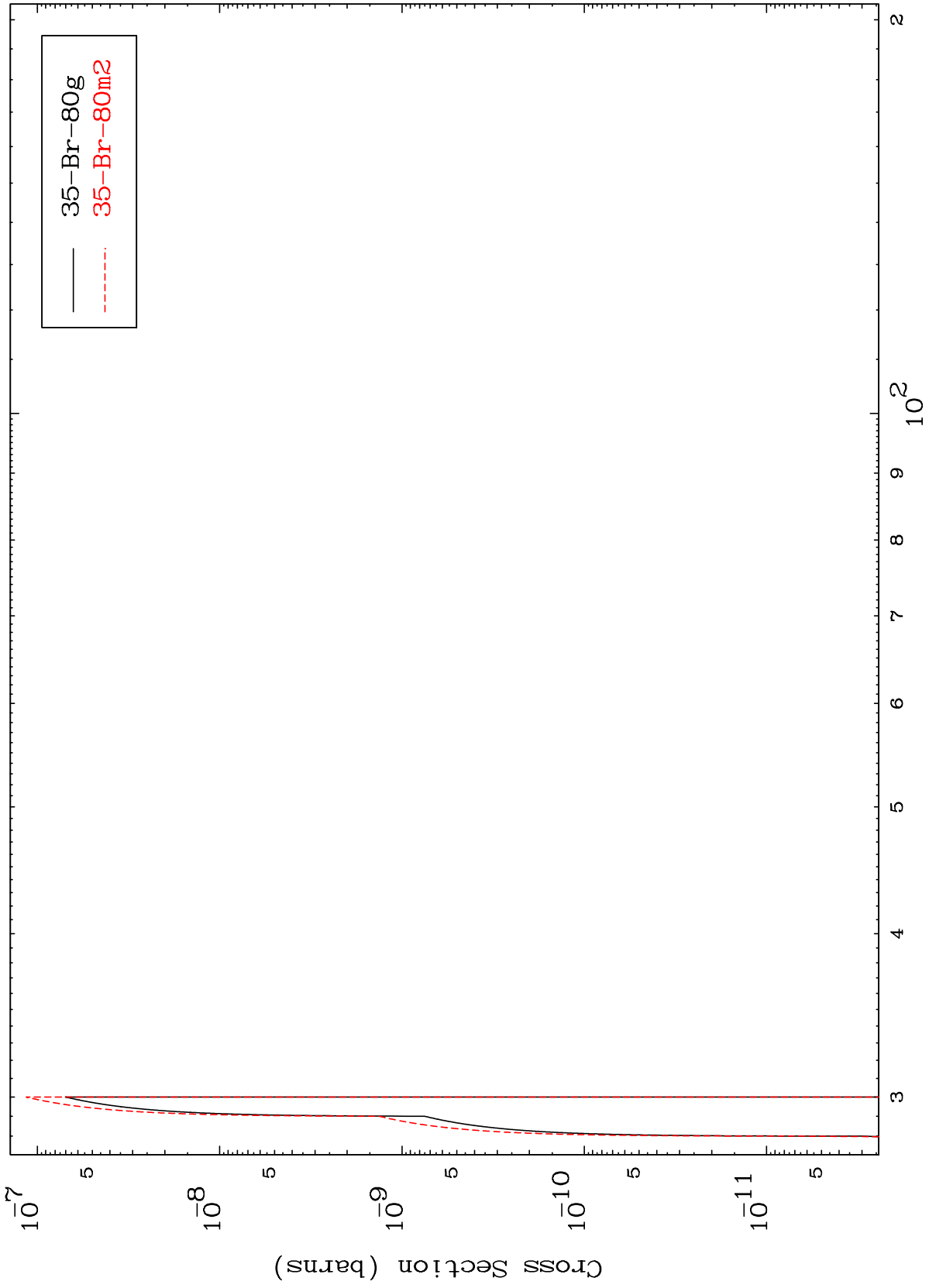
36-Kr-83

MAT 3640

(n,3n) p

36-Kr-83

Radionuclide Production Cross Section



133

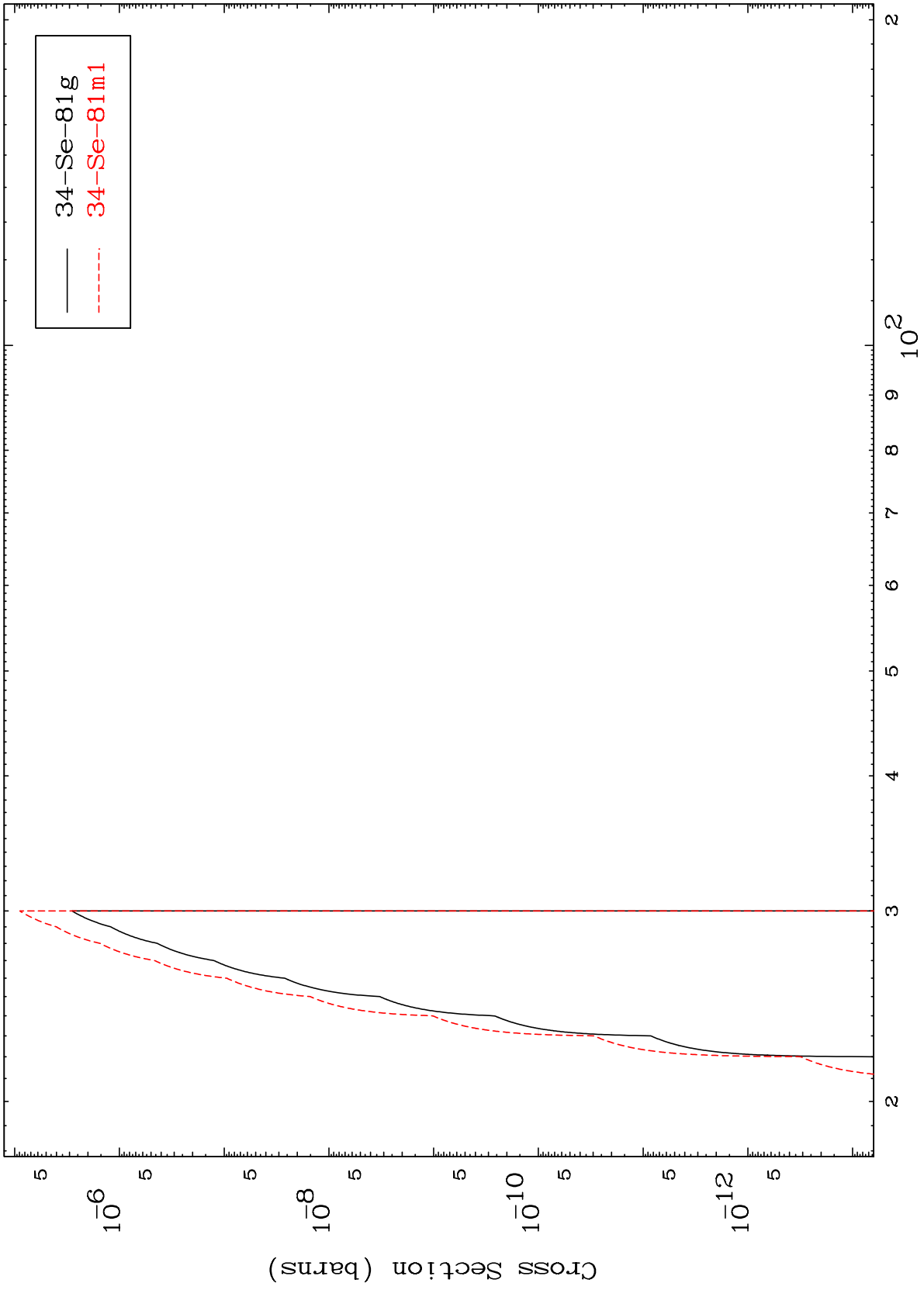
Incident Energy (MeV)

36-Kr-83

MAT 3640

36-Kr-83

(n,2n) p  
Radionuclide Production Cross Section



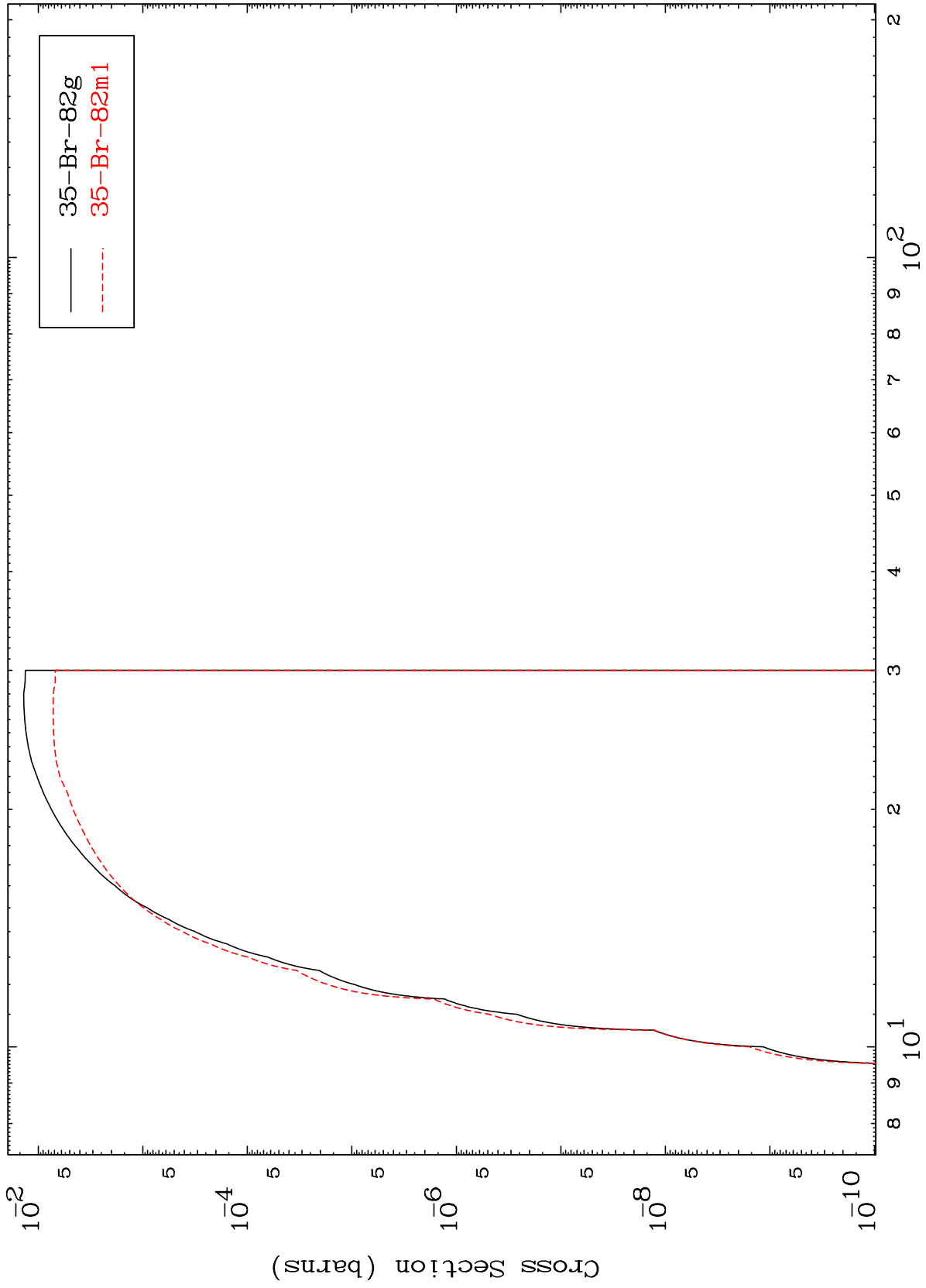
134

36-Kr-83

MAT 3640

36-Kr-83

(n,d)  
Radionuclide Production Cross Section



135

Incident Energy (MeV)

36-Kr-83

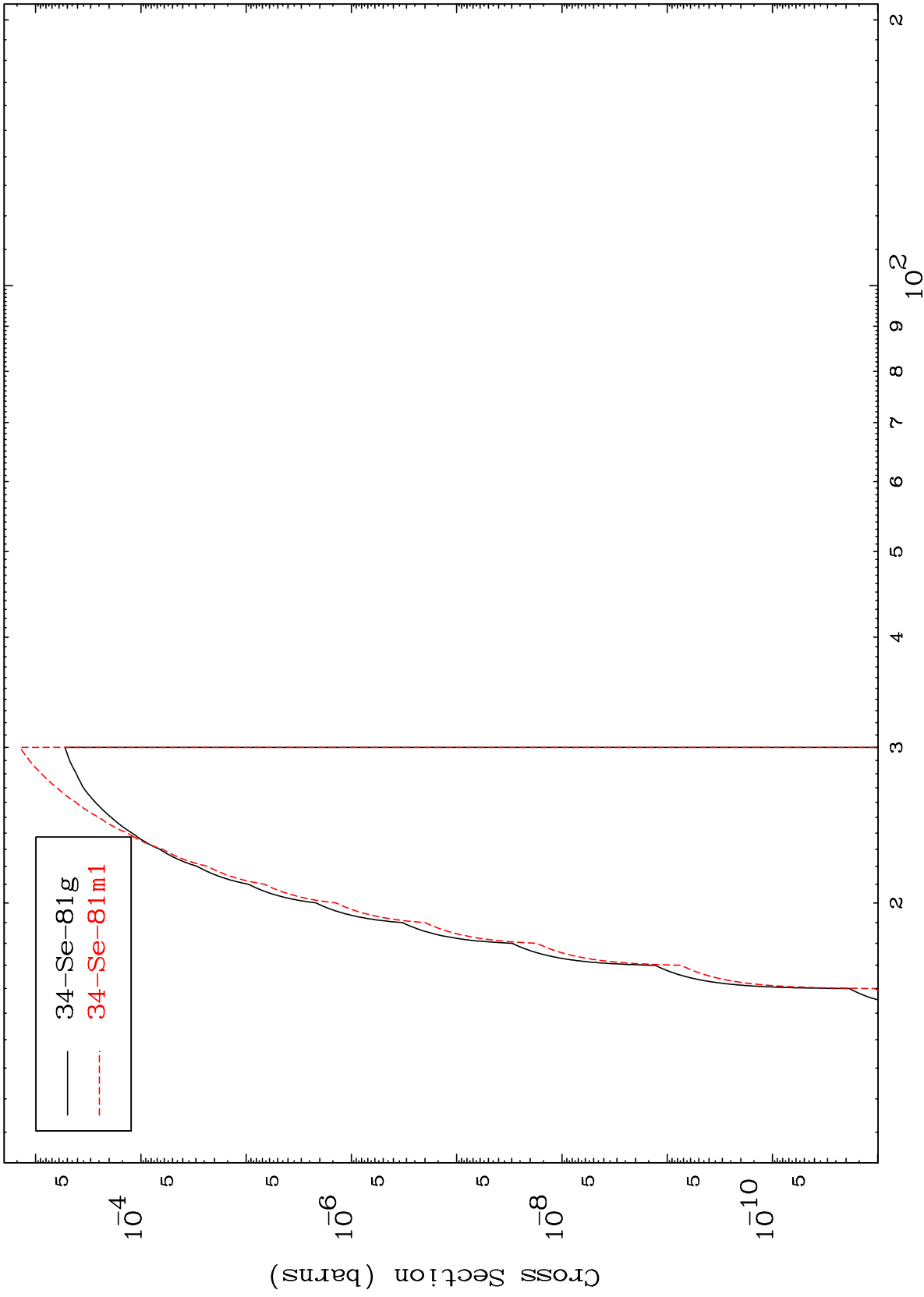


MAT 3640

(n,He-3)

36-Kr-83

Radionuclide Production Cross Section



136

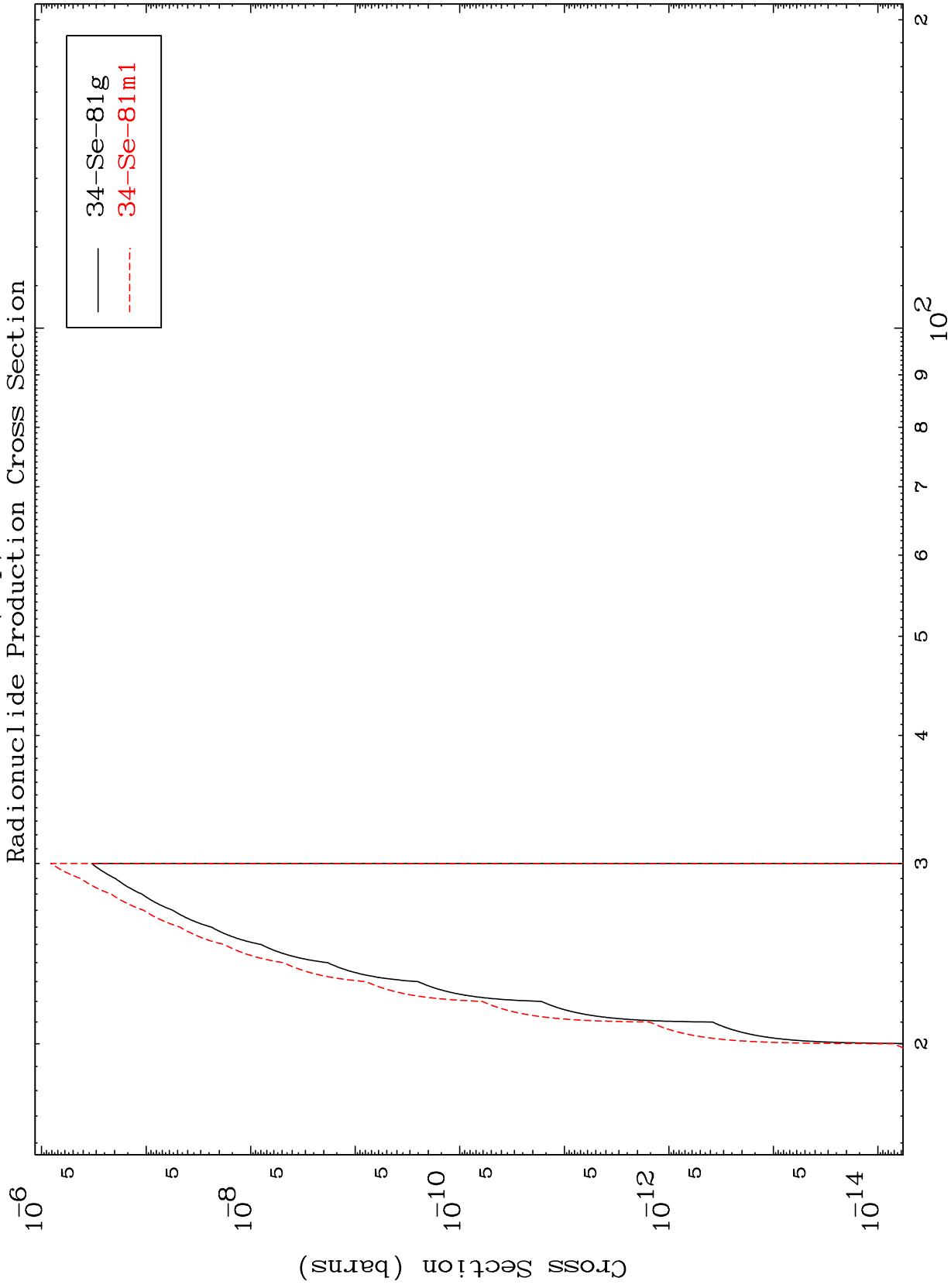
Incident Energy (MeV)

36-Kr-83

MAT 3640

(n,p) d

36-Kr-83



137

36-Kr-83