

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

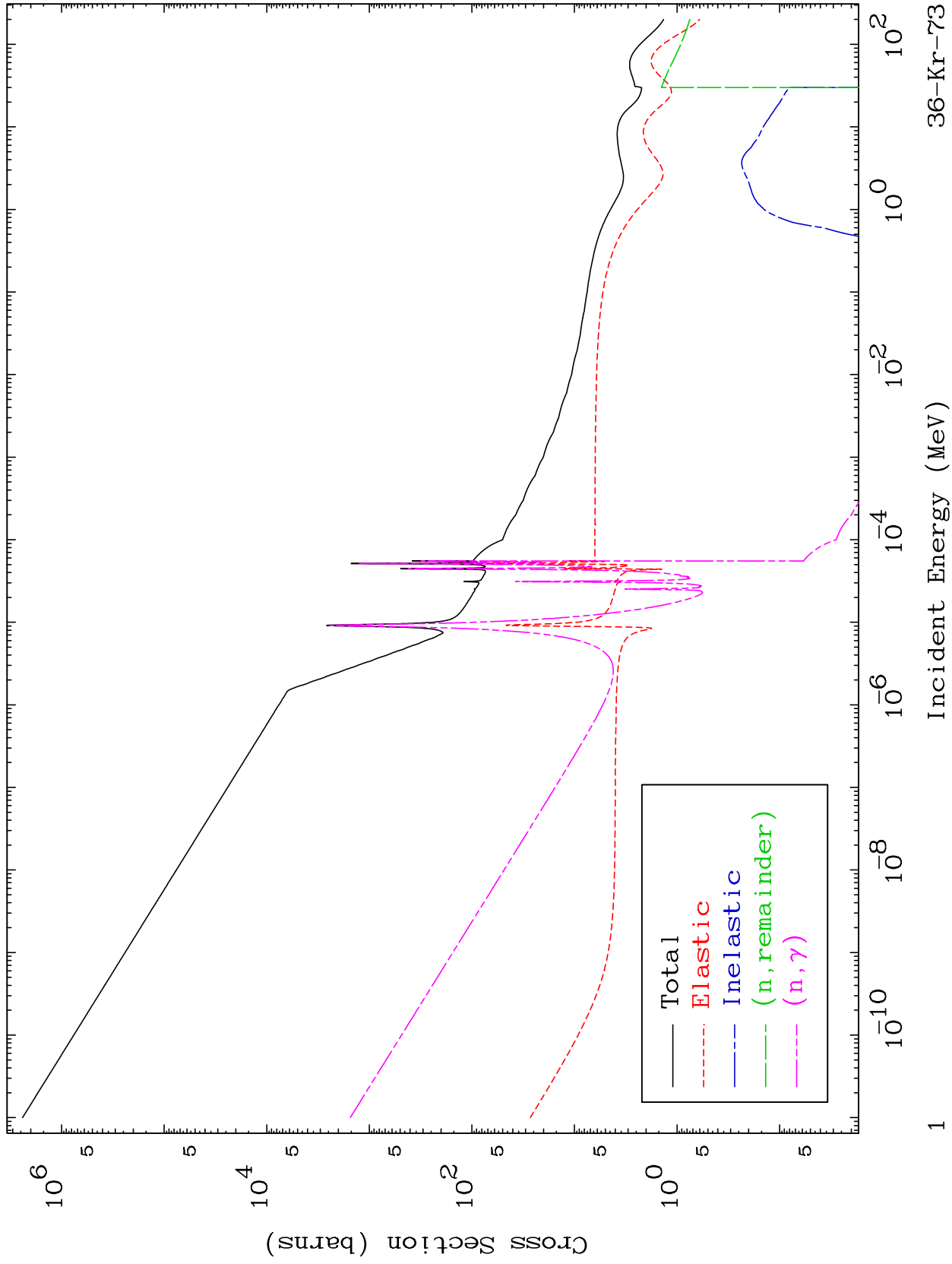
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

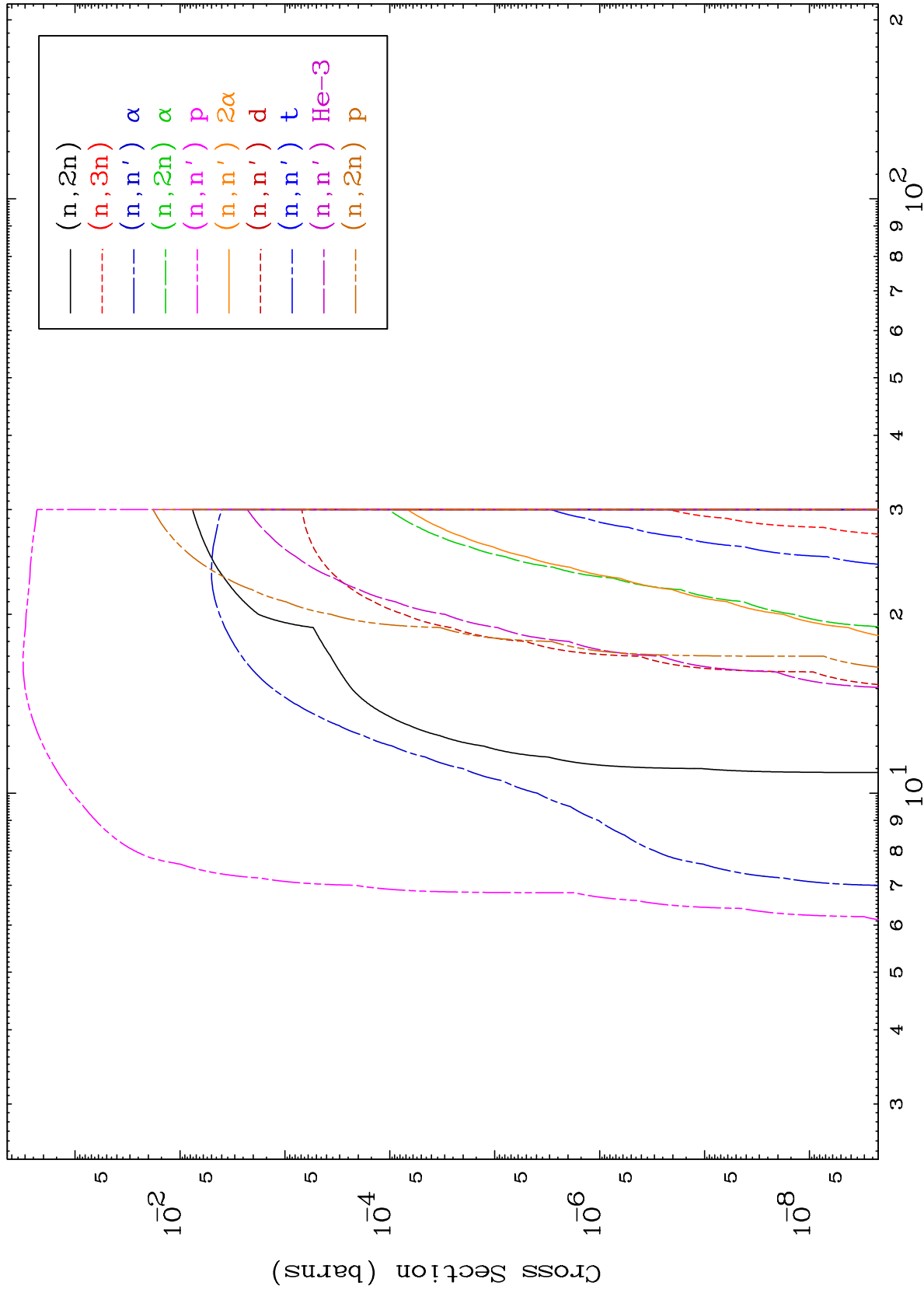
Press Mouse Button to Start

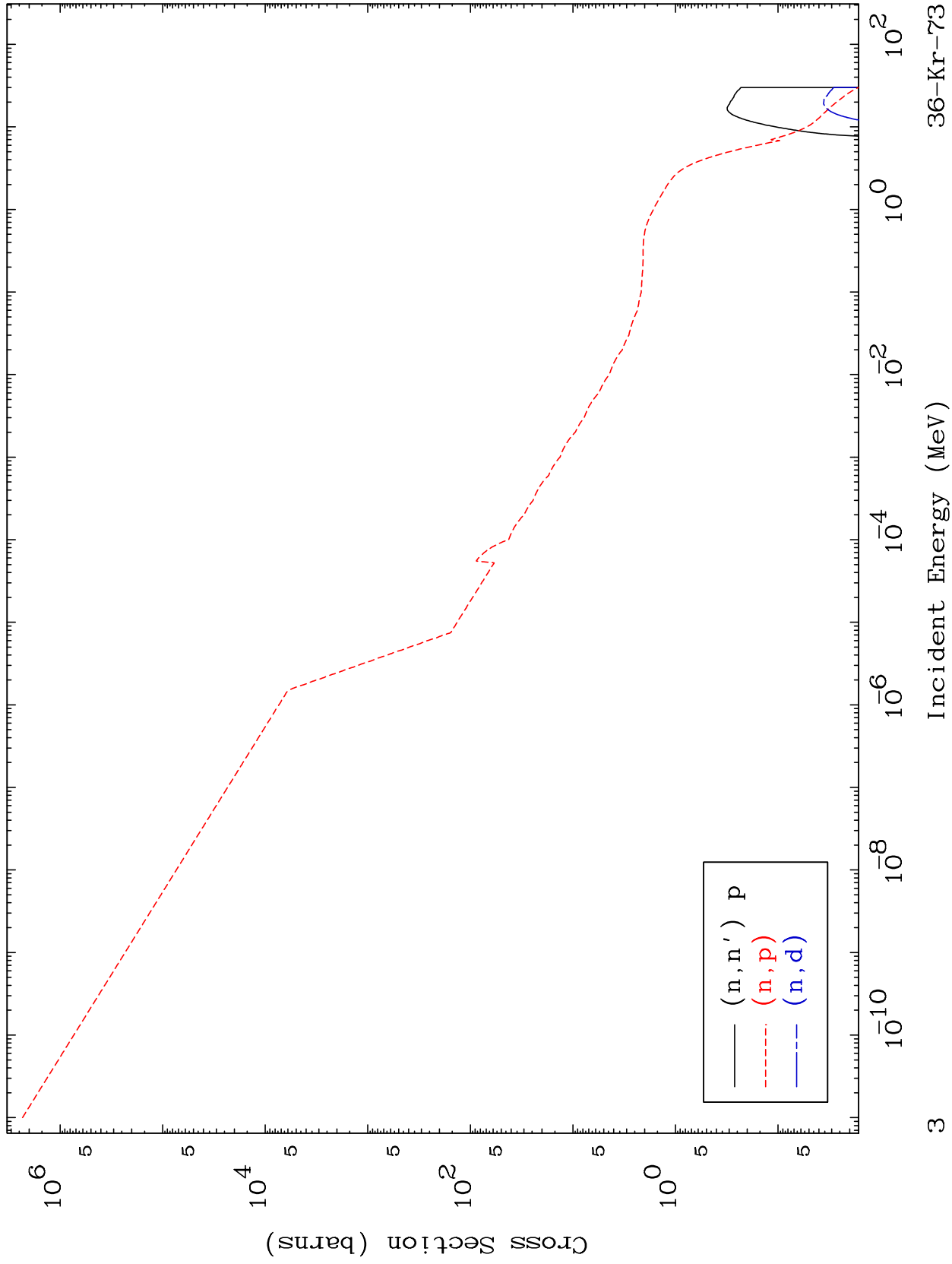
MAT 3610

Major  
293 Kelvin Cross Sections

36-Kr-73



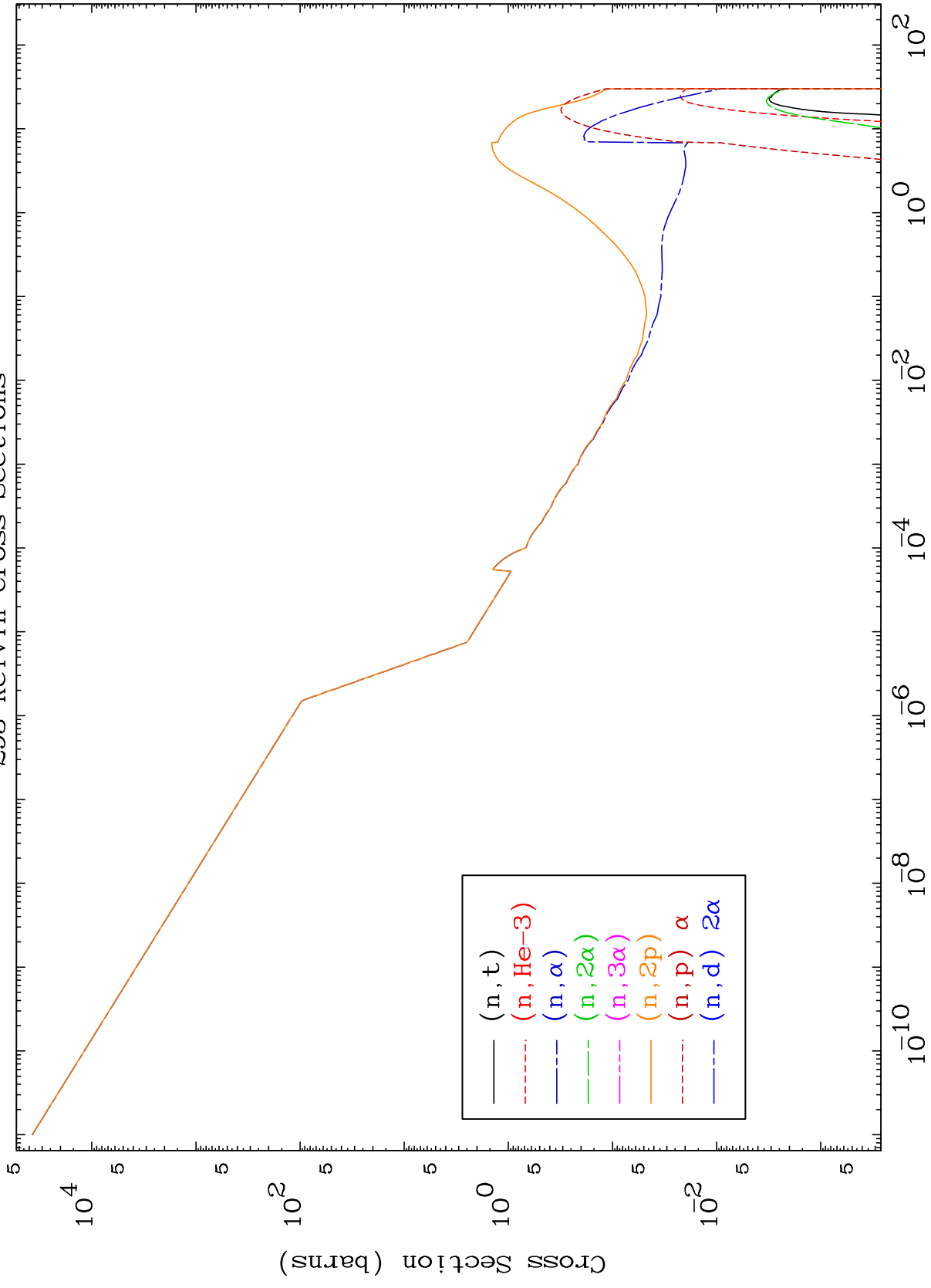




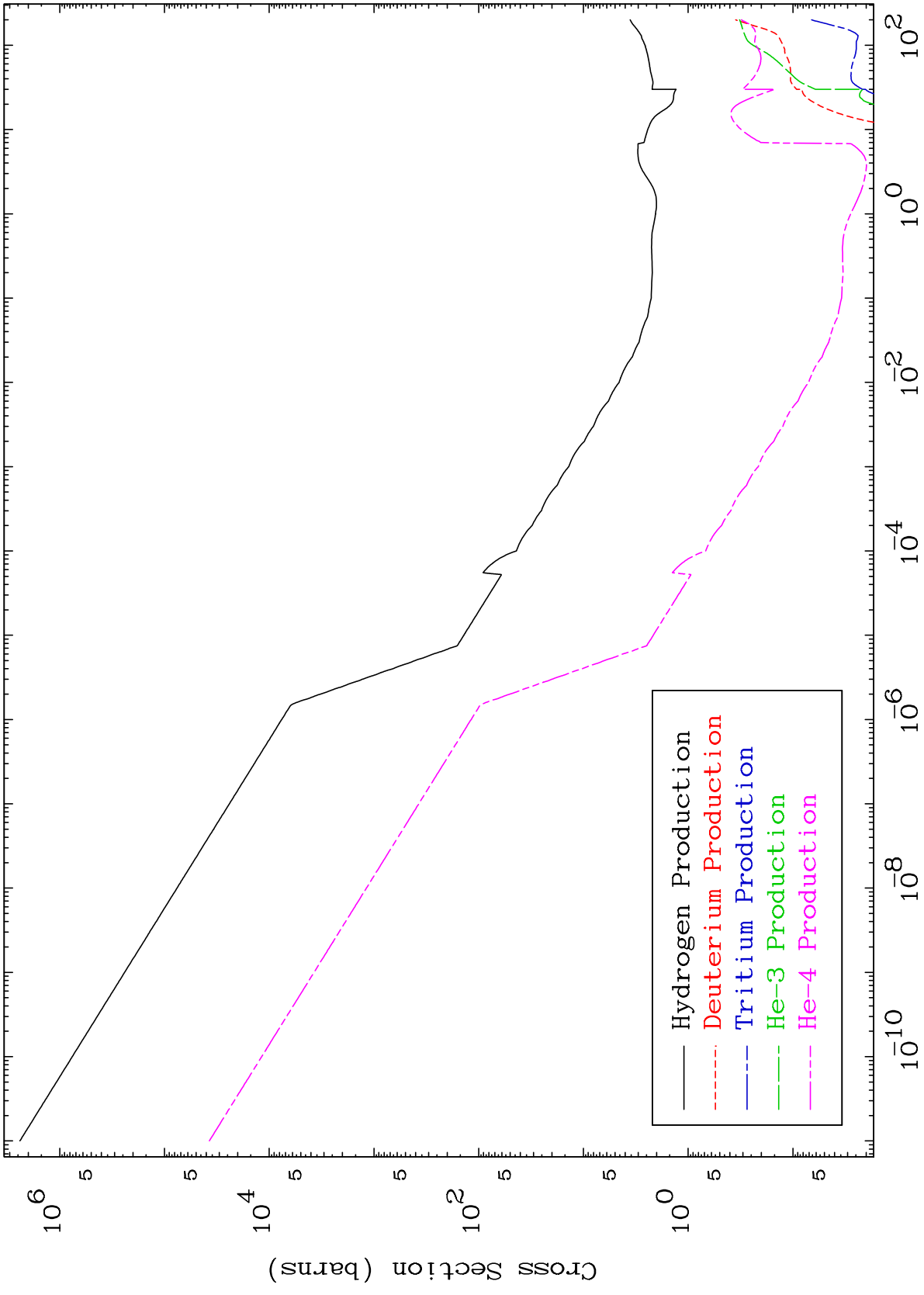
MAT 3610

Charged Particle  
293 Kelvin Cross Sections

36-Kr-73



36-Kr-73

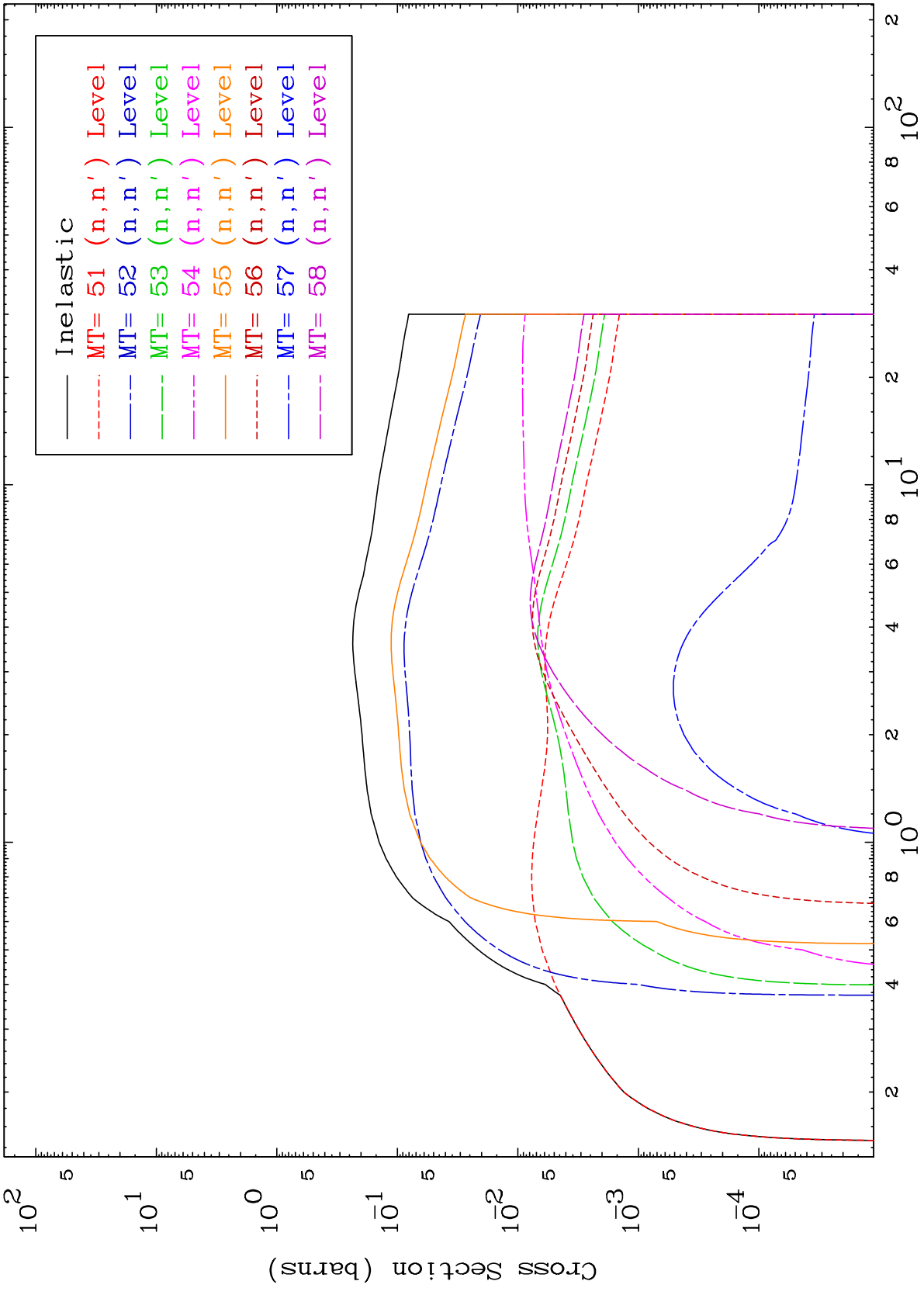


MAT 3610

(n,n') Level

36-Kr-73

293 Kelvin Cross Sections



6

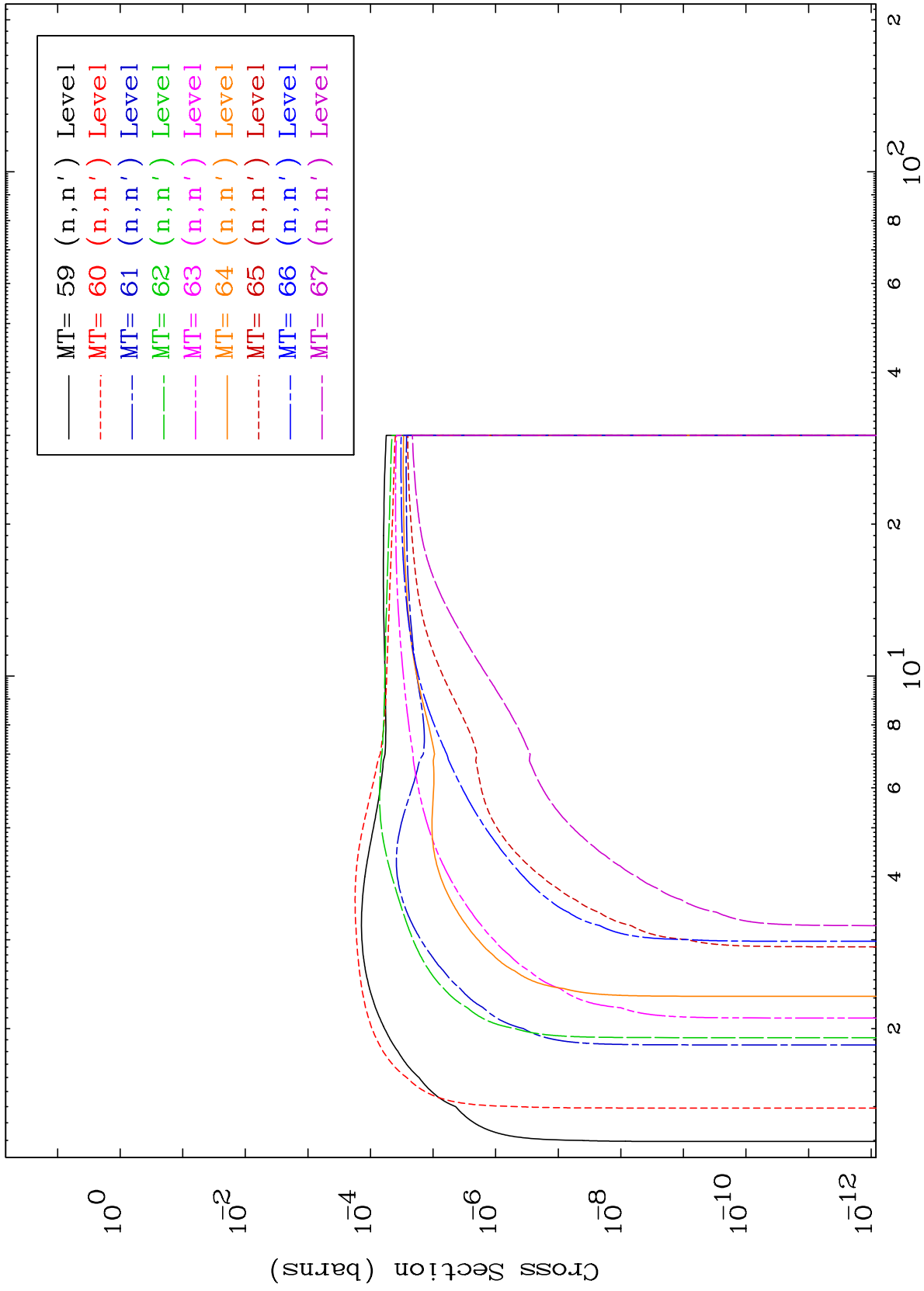
Incident Energy (MeV)

36-Kr-73

MAT 3610

(n,n') Level  
293 Kelvin Cross Sections

36-Kr-73



7

Incident Energy (MeV)

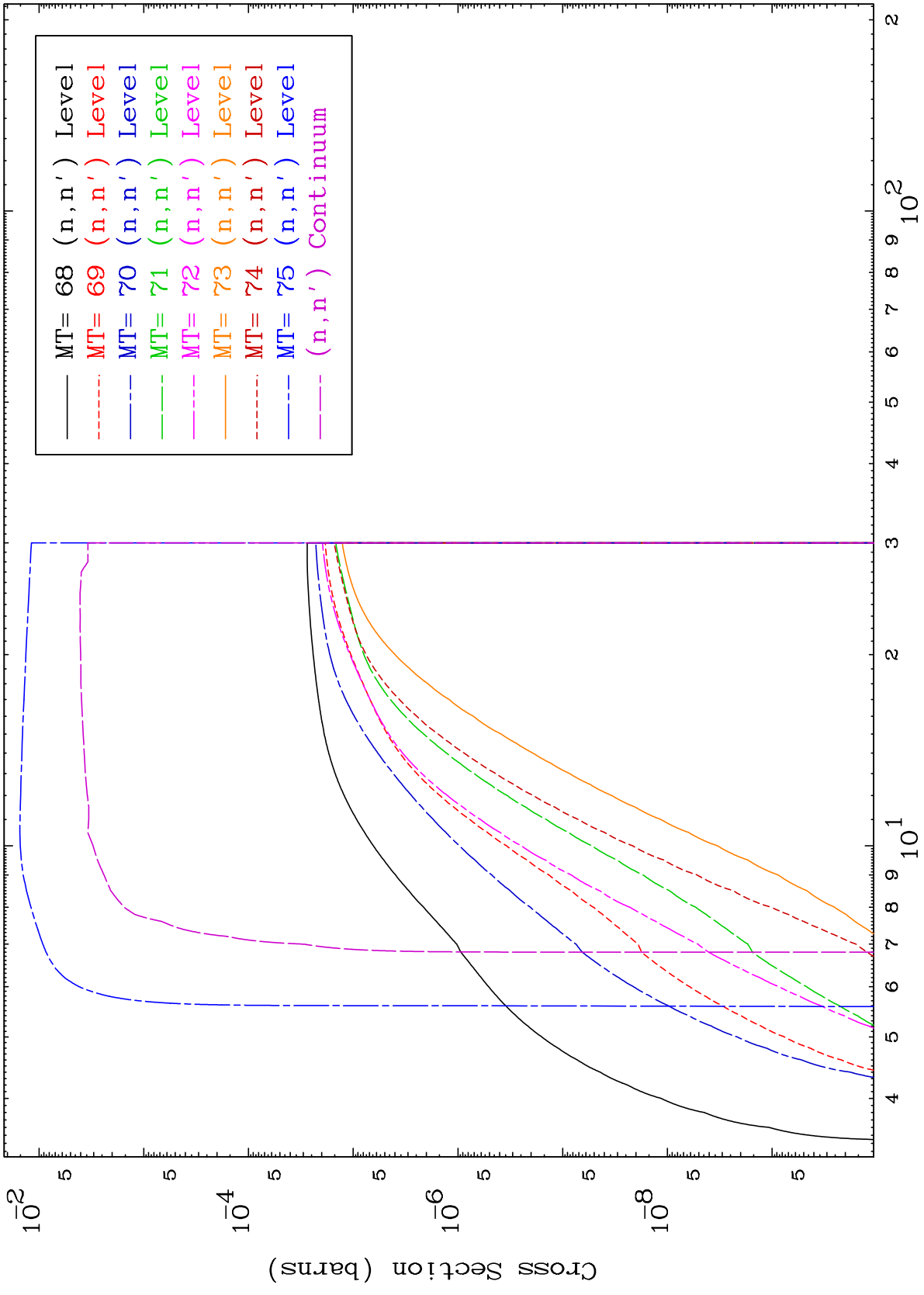
36-Kr-73



MAT 3610

(n,n') Level  
293 Kelvin Cross Sections

36-Kr-73

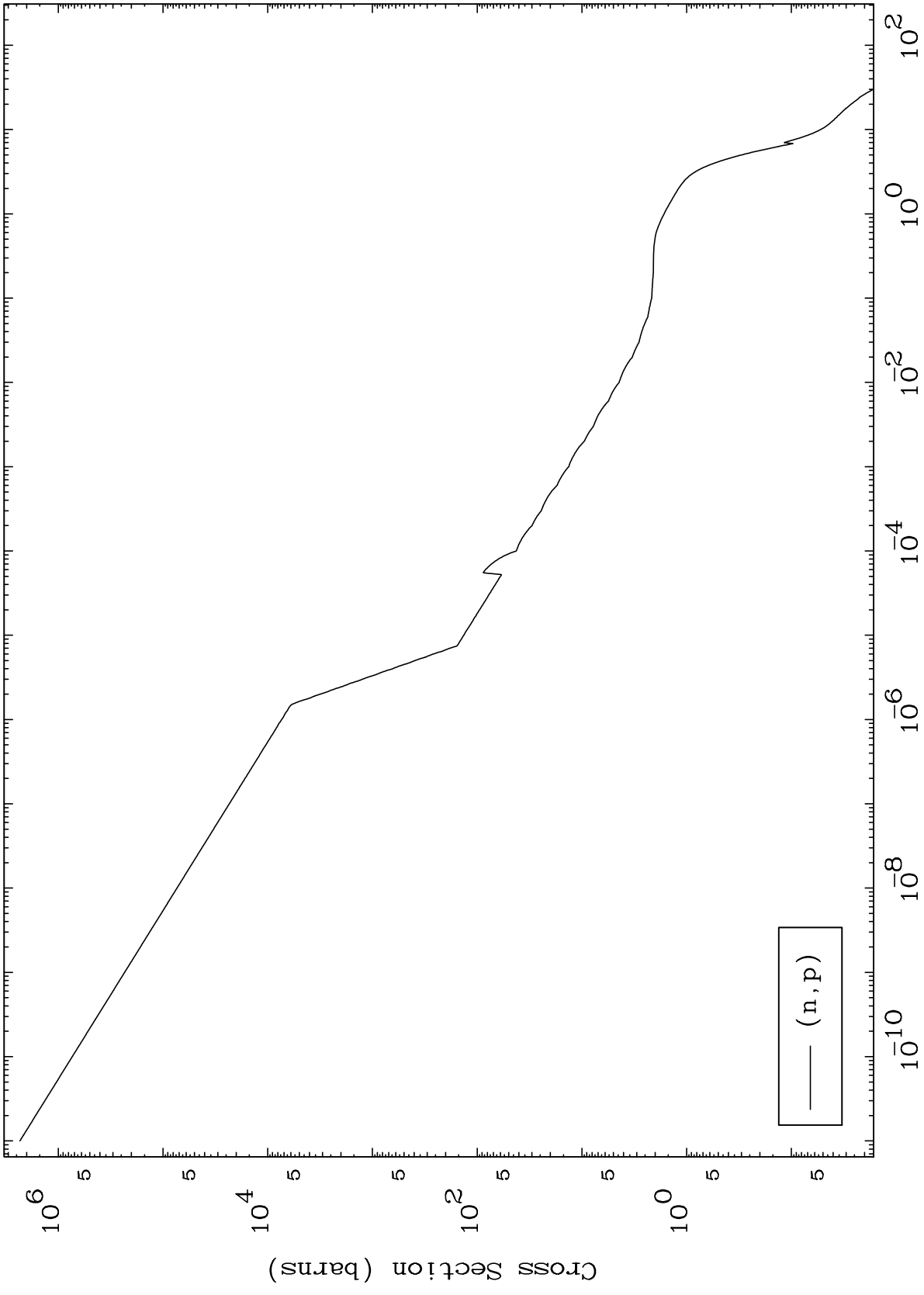


36-Kr-73

MAT 3610

(n,p) Levels  
293 Kelvin Cross Sections

36-Kr-73

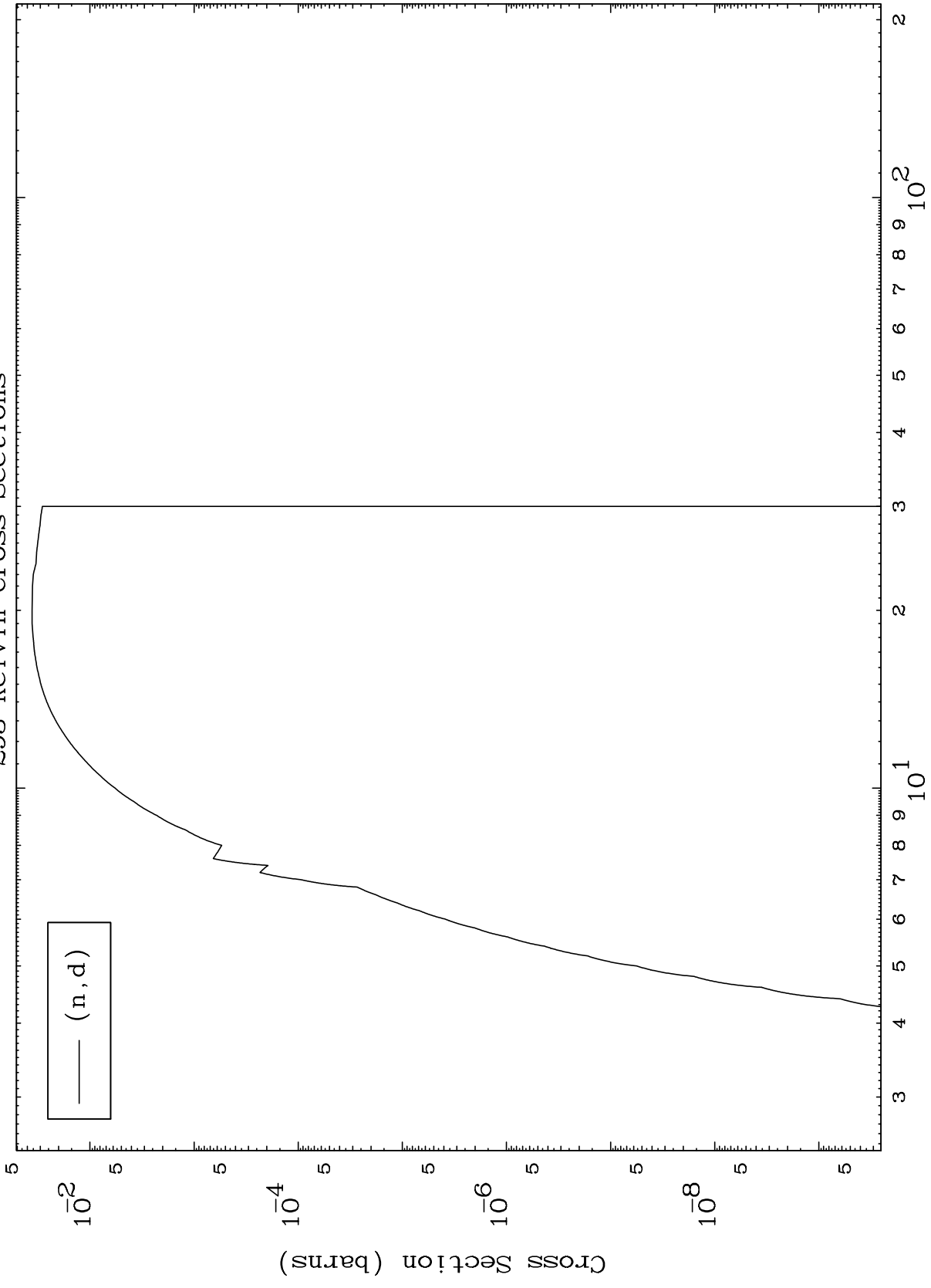


36-Kr-73

MAT 3610

(n,d) Levels  
293 Kelvin Cross Sections

36-Kr-73



10

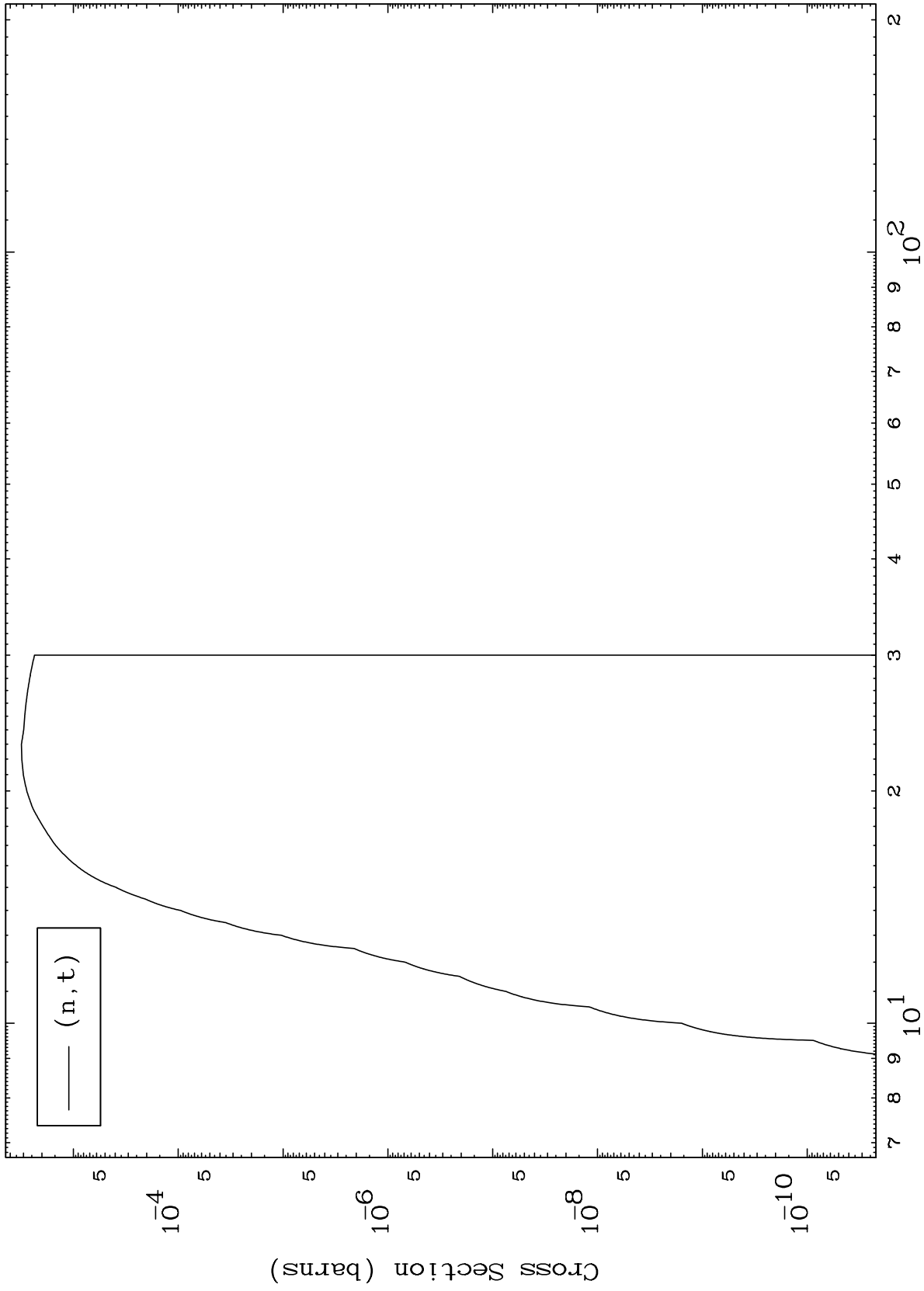
Incident Energy (MeV)

36-Kr-73

MAT 3610

36-Kr-73

(n,t) Levels  
293 Kelvin Cross Sections



11

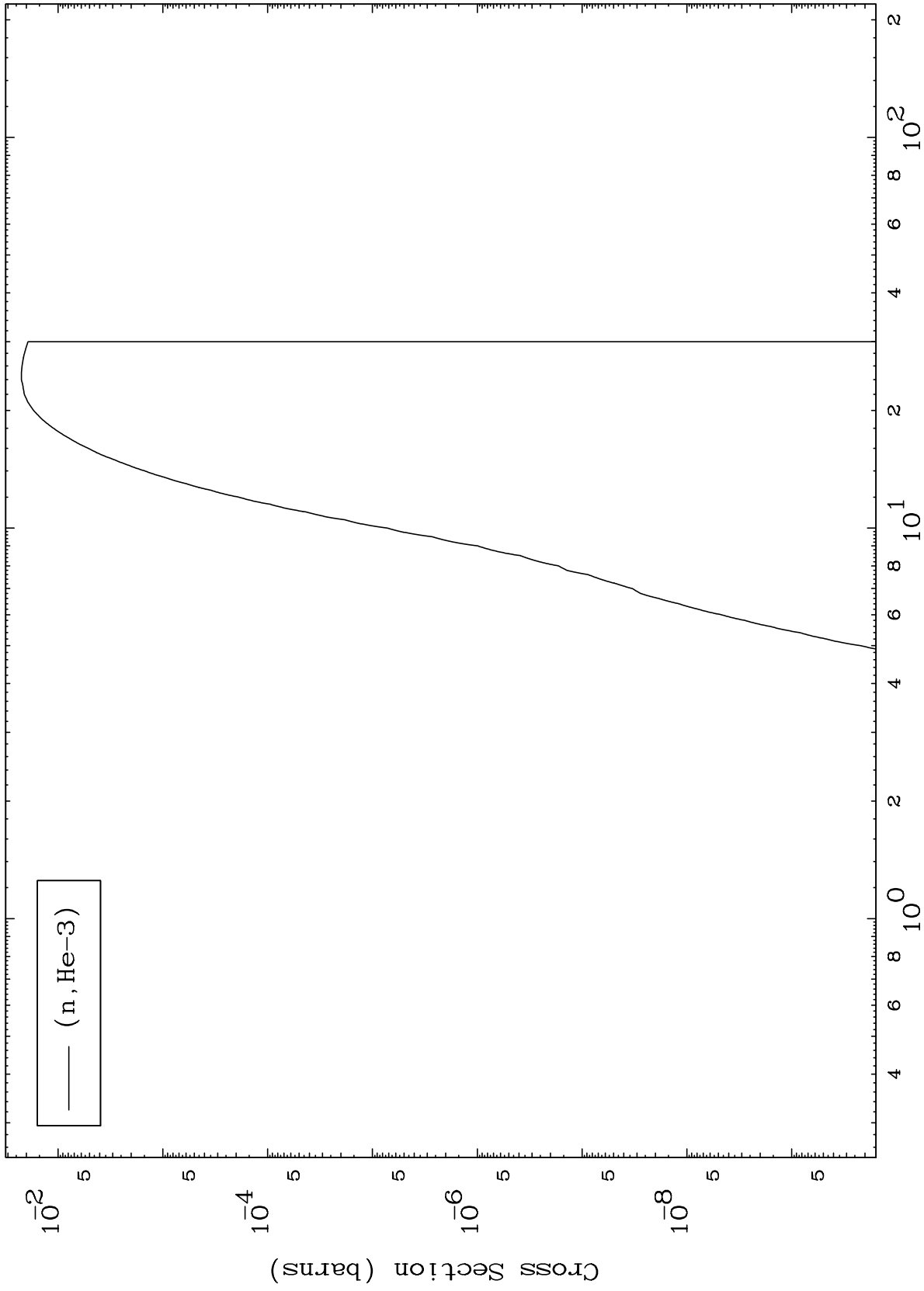
Incident Energy (MeV)

36-Kr-73

MAT 3610

(n,He3) Levels  
293 Kelvin Cross Sections

36-Kr-73



12

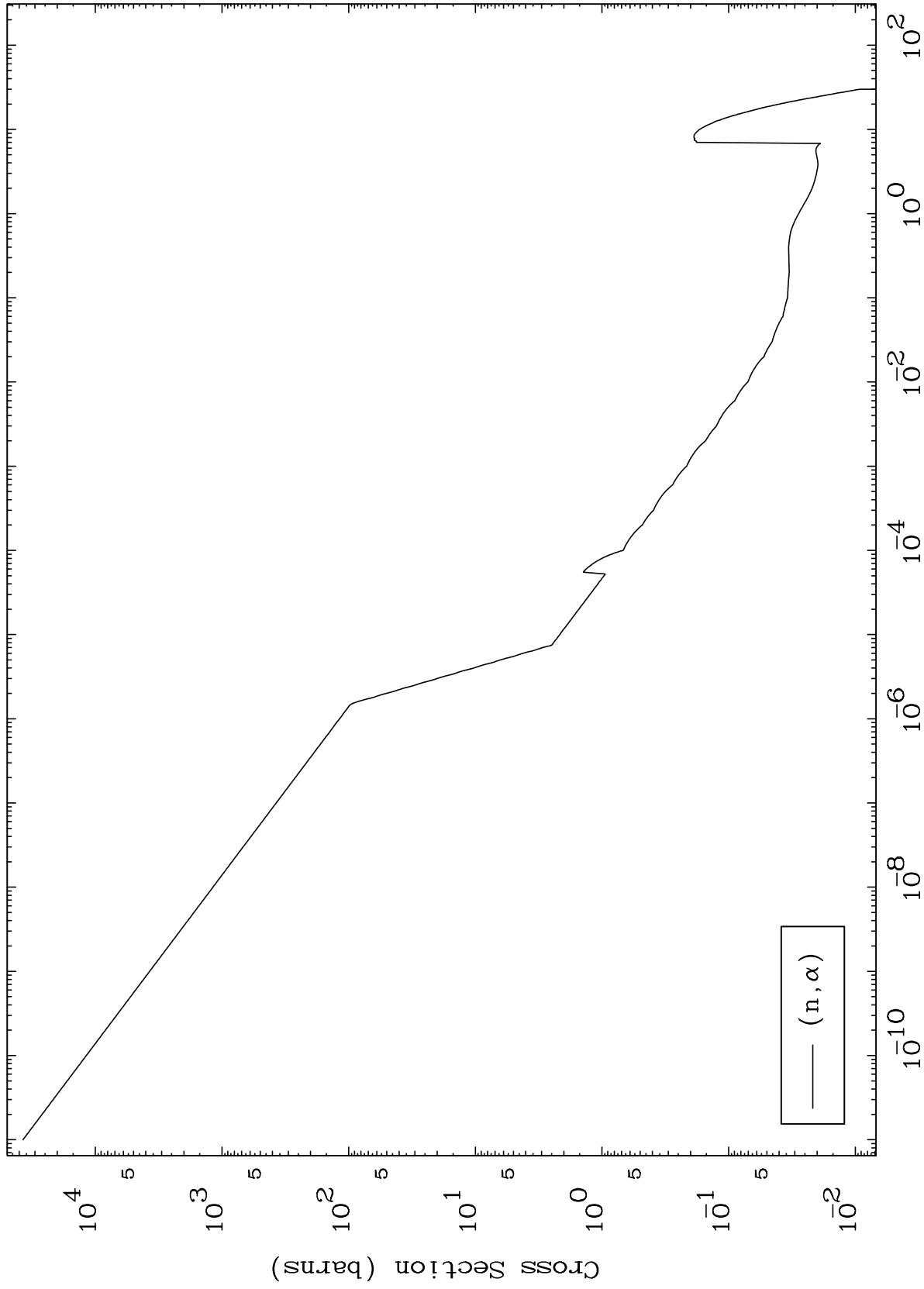
Incident Energy (MeV)

36-Kr-73

MAT 3610

(n,α) Levels  
293 Kelvin Cross Sections

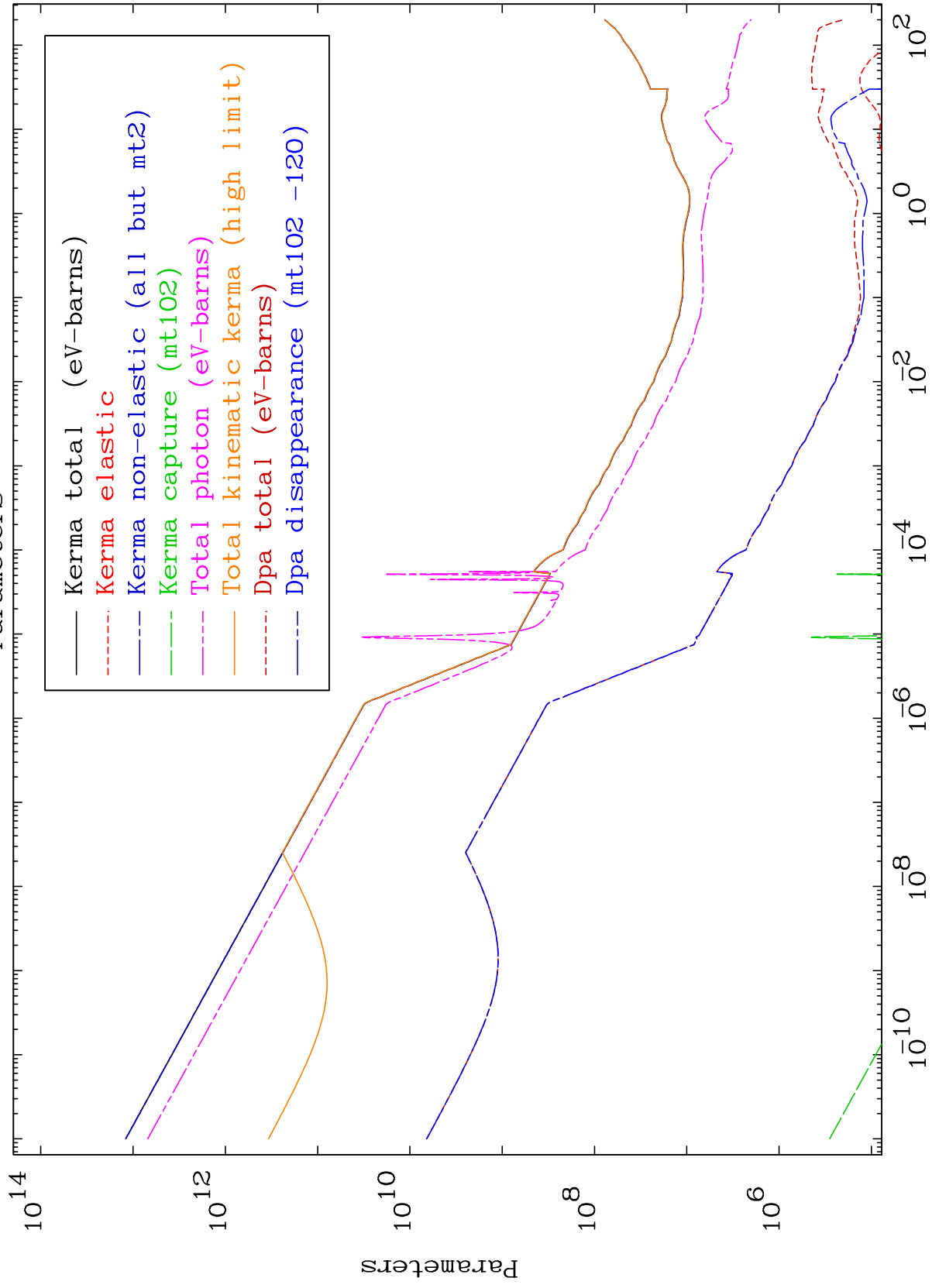
36-Kr-73



13

Incident Energy (MeV)

36-Kr-73



MAT 3610

Elastic Legendre Coefficients

<sup>36</sup>Kr-73



15

Incident Energy (MeV)

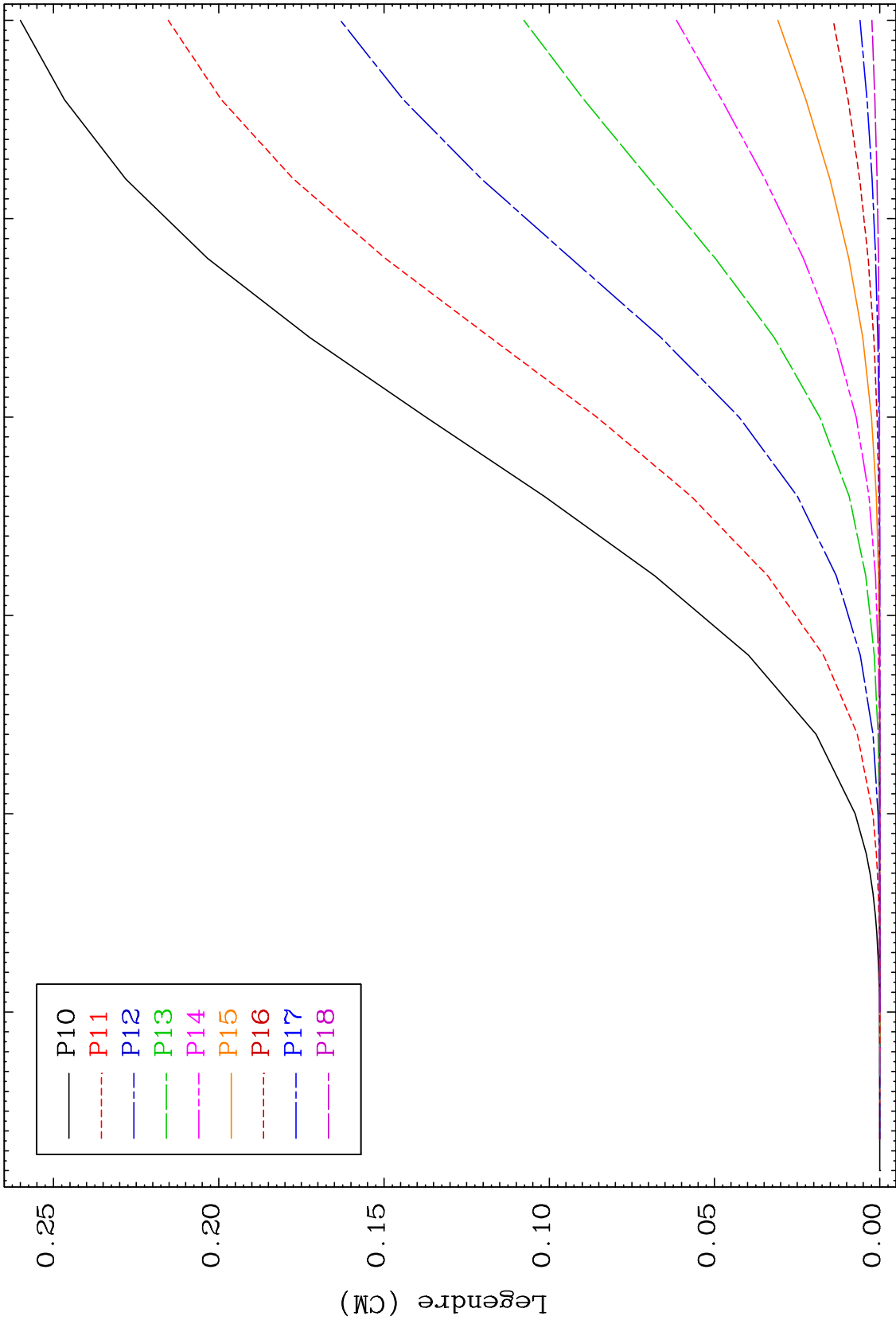
<sup>36</sup>Kr-73



MAT 3610

Elastic Legendre Coefficients

<sup>36</sup>Kr-73



16

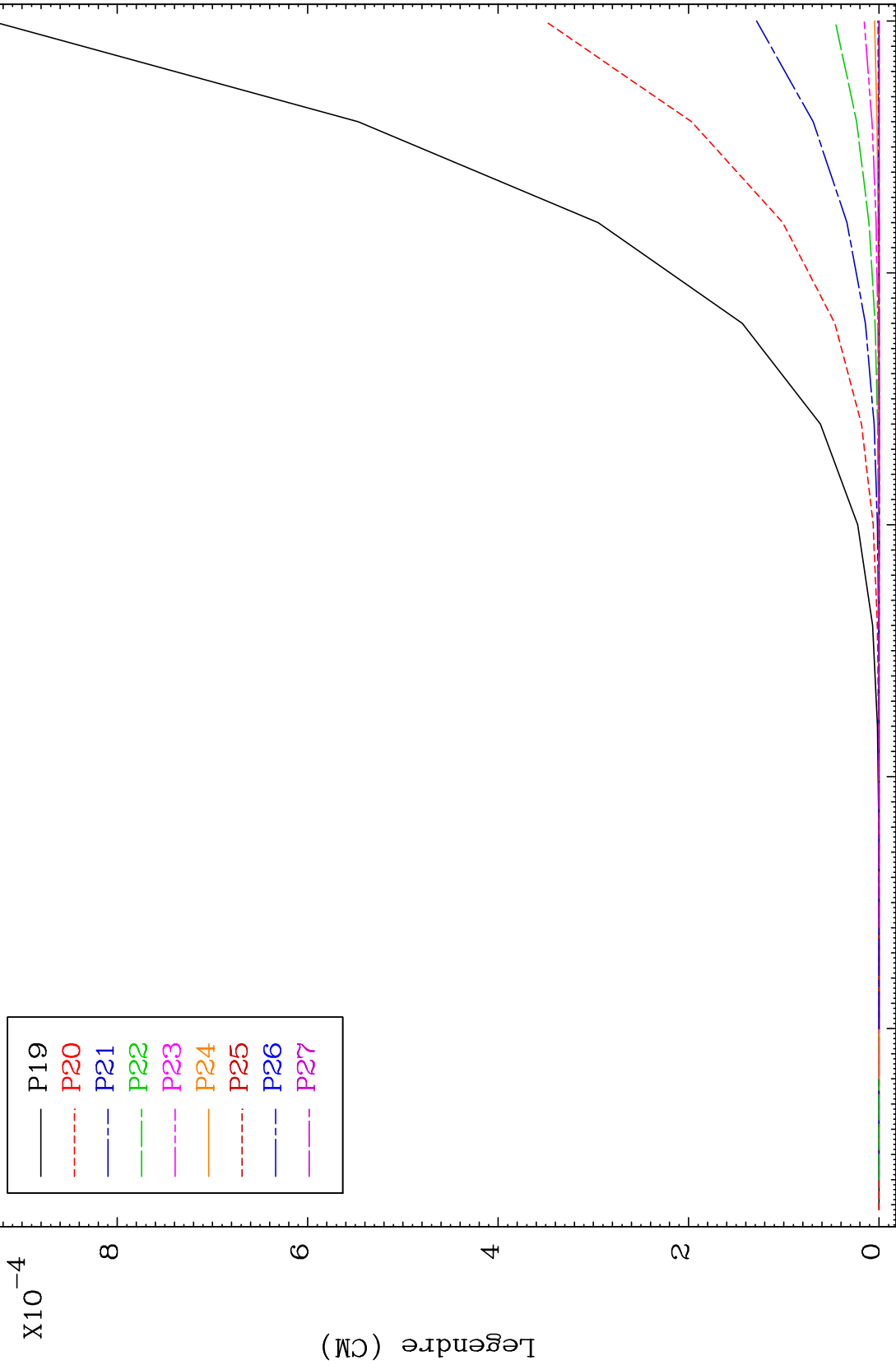
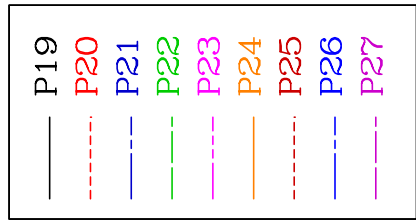
Incident Energy (MeV)

<sup>36</sup>Kr-73

MAT 3610

Elastic Legendre Coefficients

<sup>36</sup>Kr-73



17

Incident Energy (MeV)

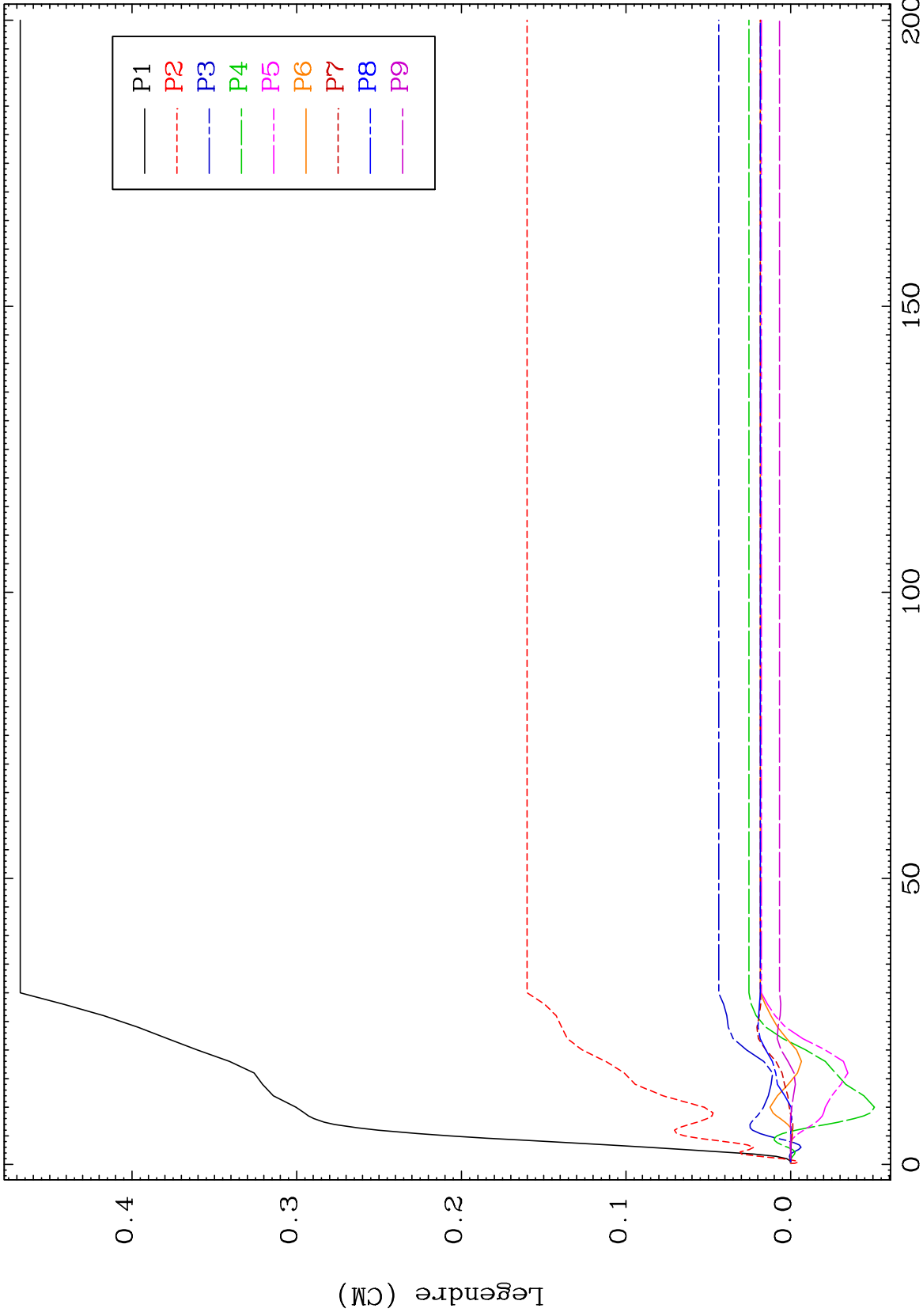
<sup>36</sup>Kr-73



MAT 3610

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

36-Kr-73



19

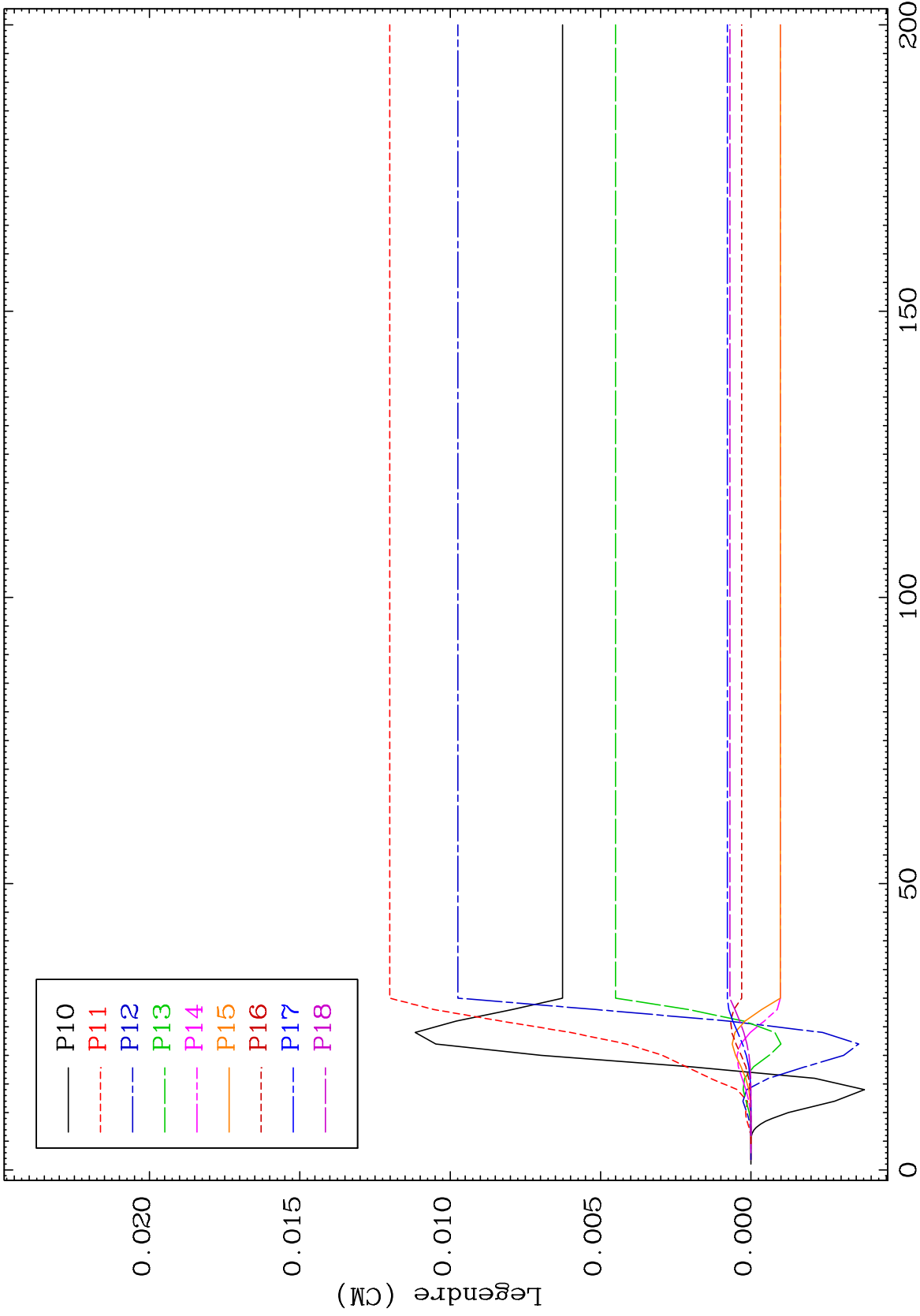
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



0

50

100

150

200

Incident Energy (MeV)

36-Kr-73

Legendre (CM)

0.020

0.015

0.010

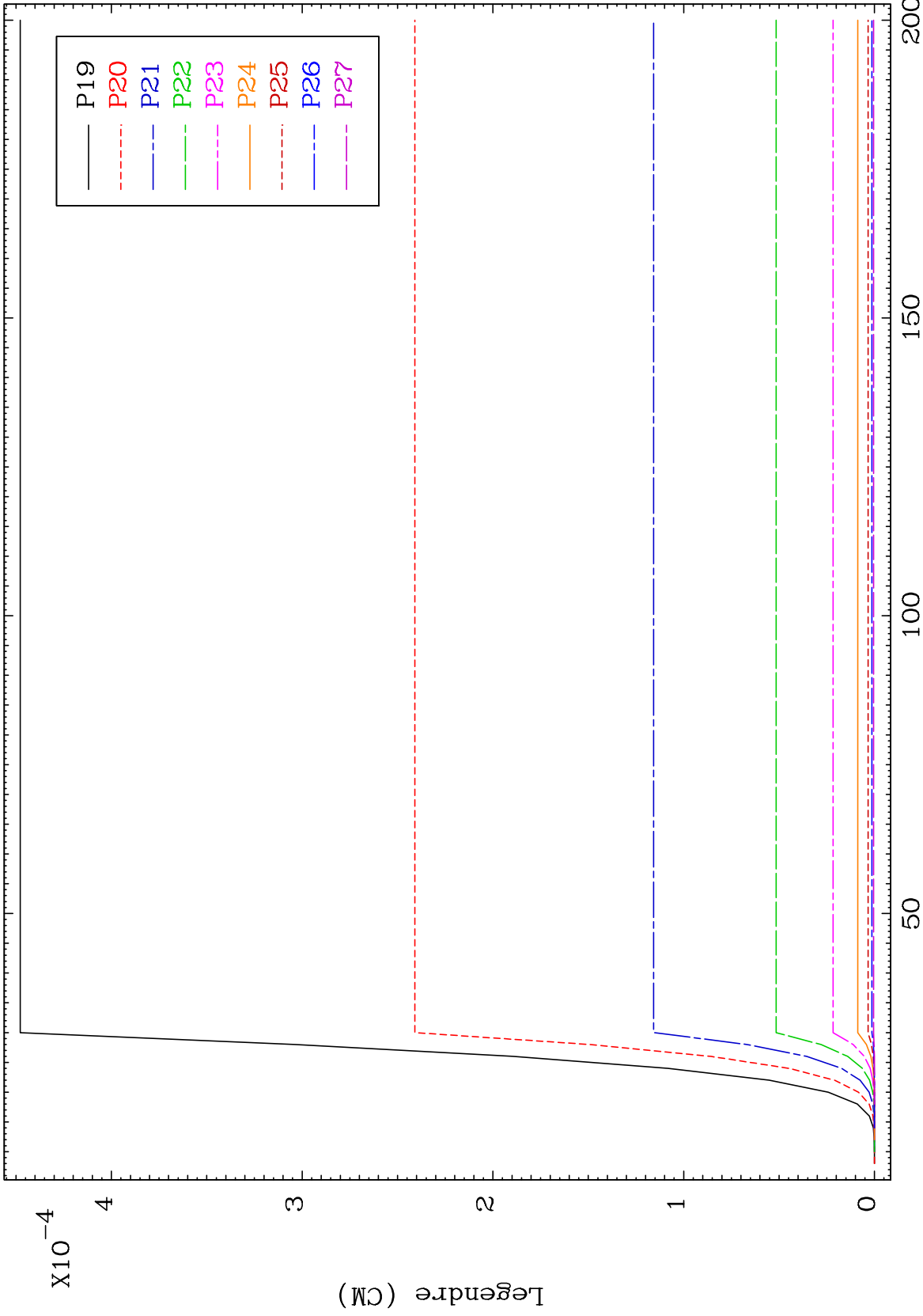
0.005

0.000

MAT 3610

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

36-Kr-73



21

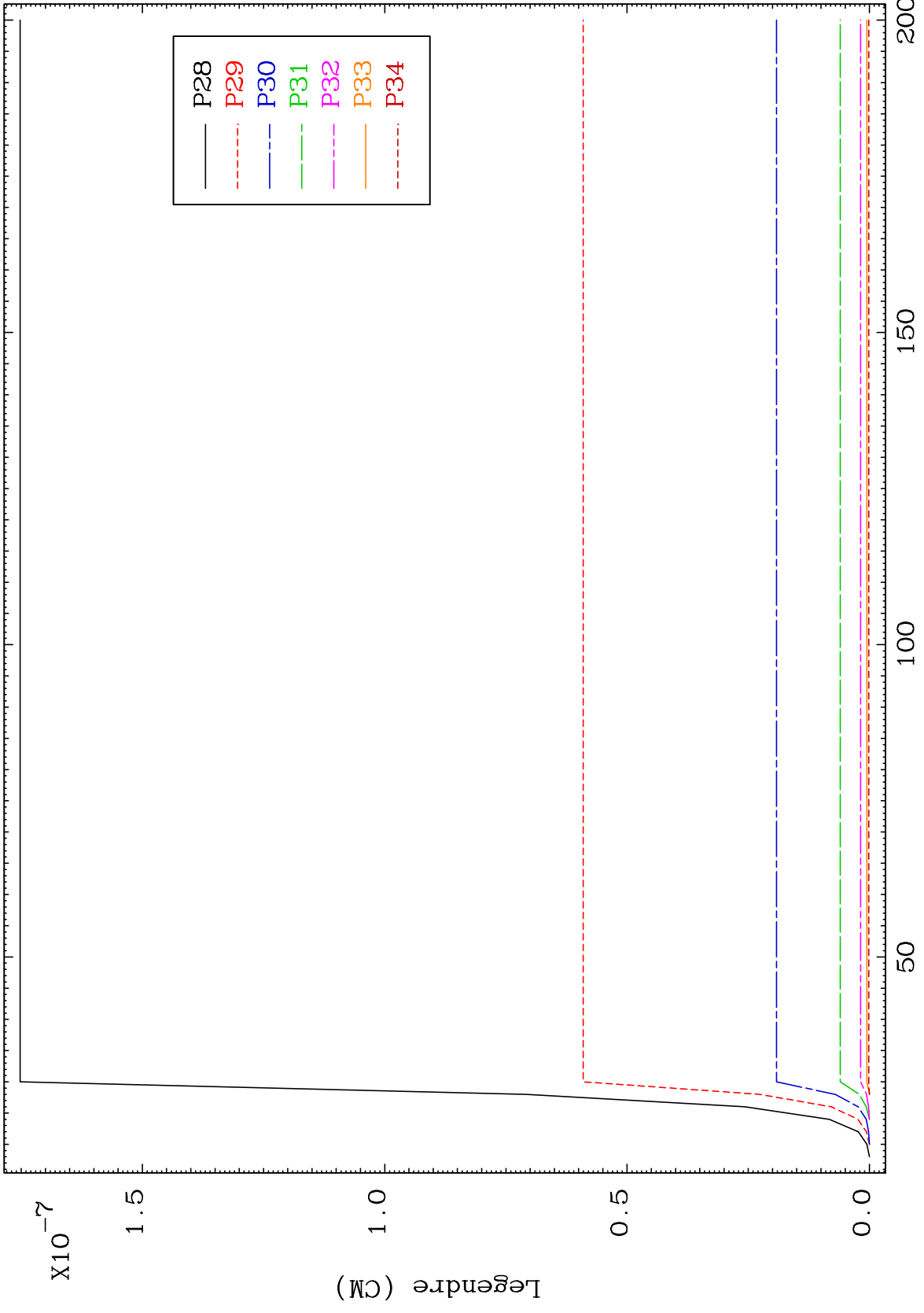
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



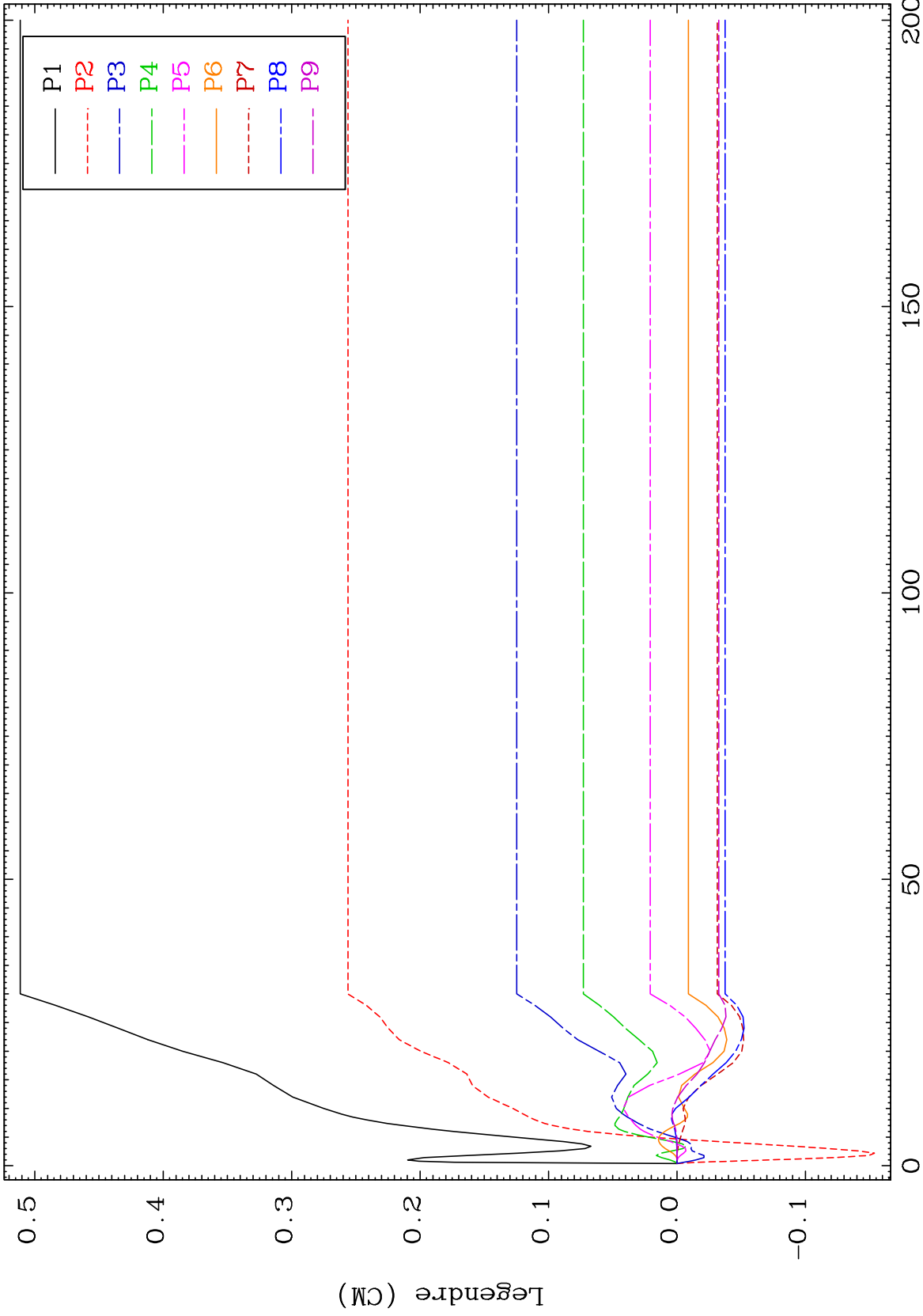
22

36-Kr-73

MAT 3610

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

36-Kr-73



23

Incident Energy (MeV)

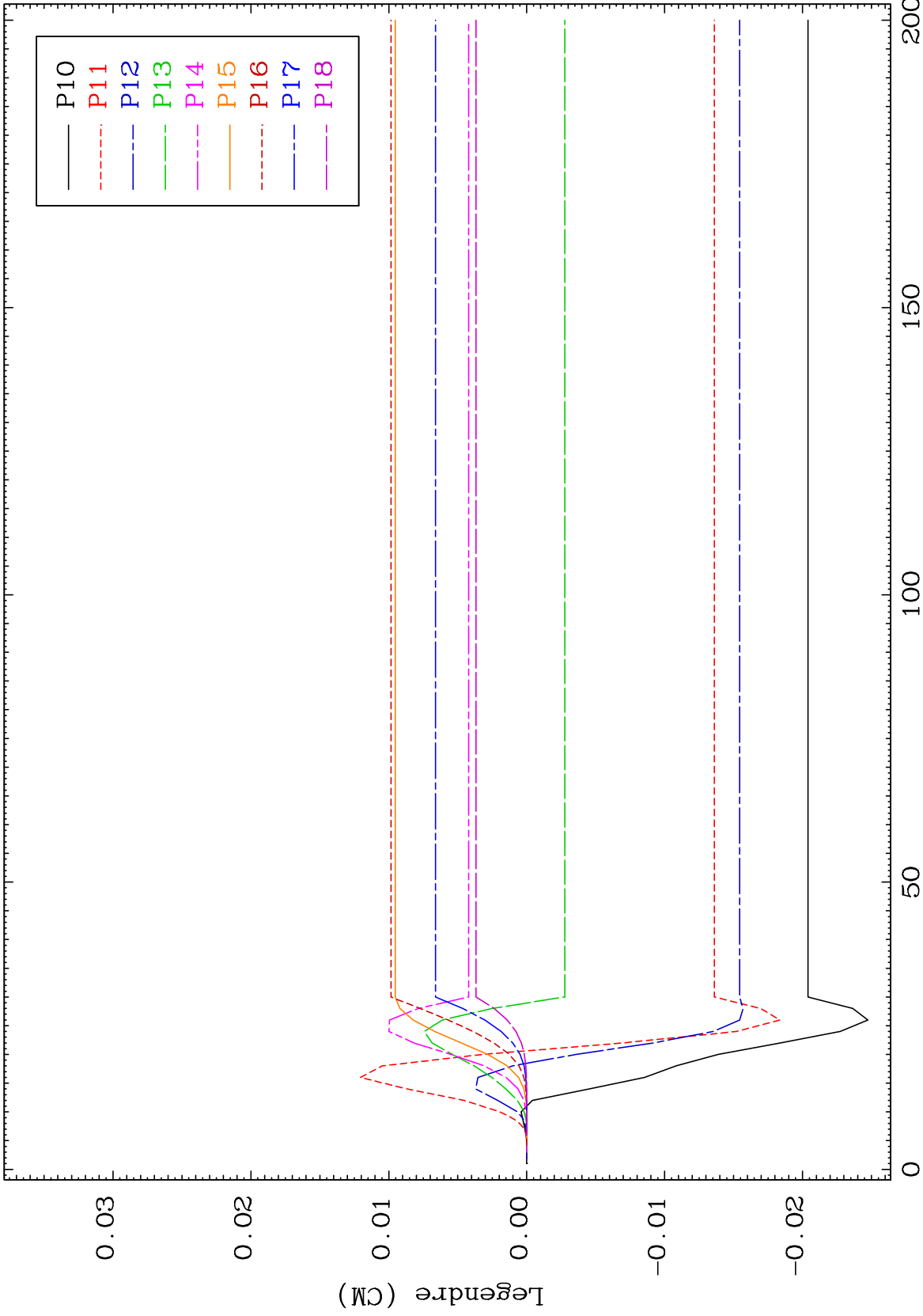
36-Kr-73



MAT 3610

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

36-Kr-73



24

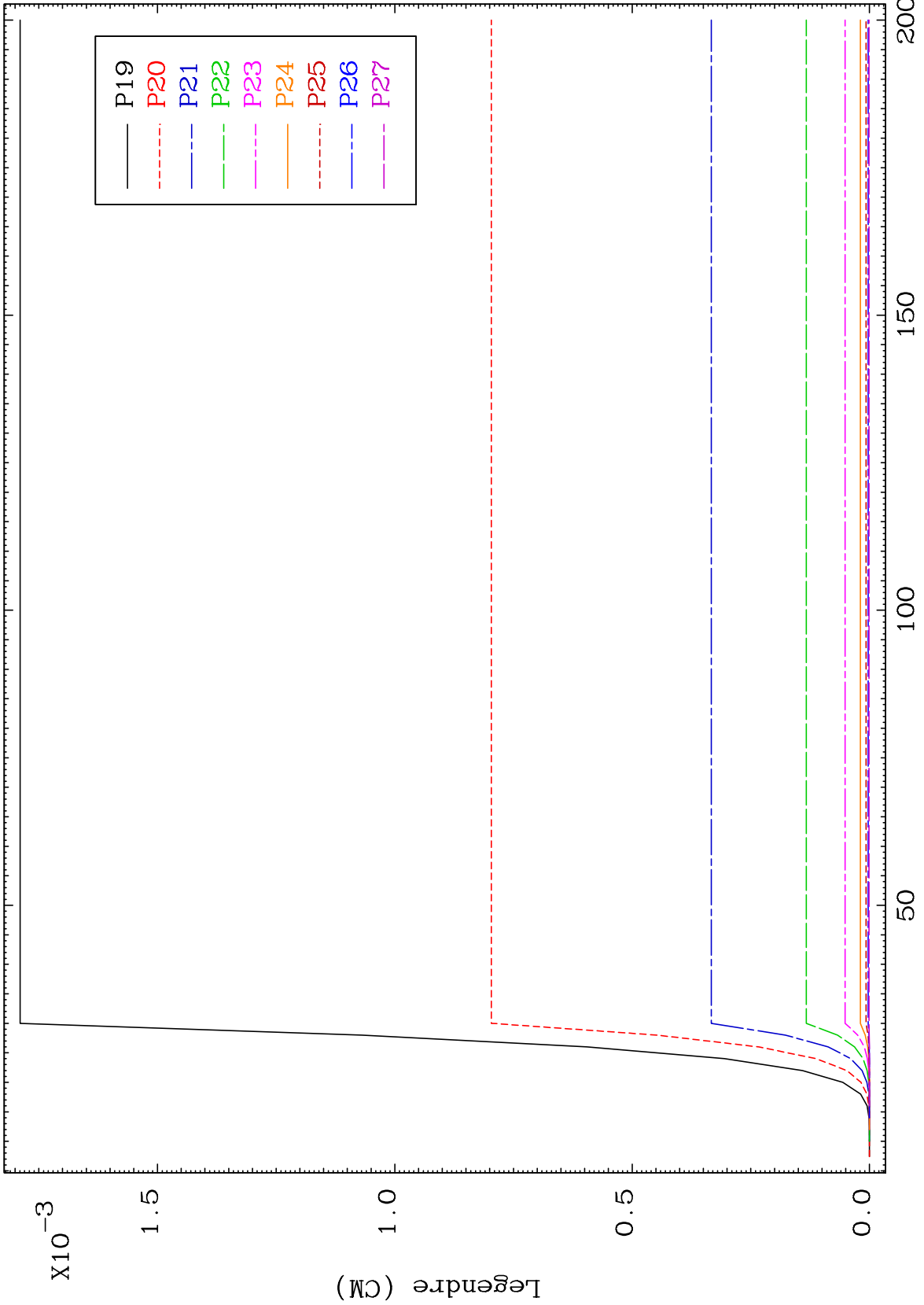
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



25

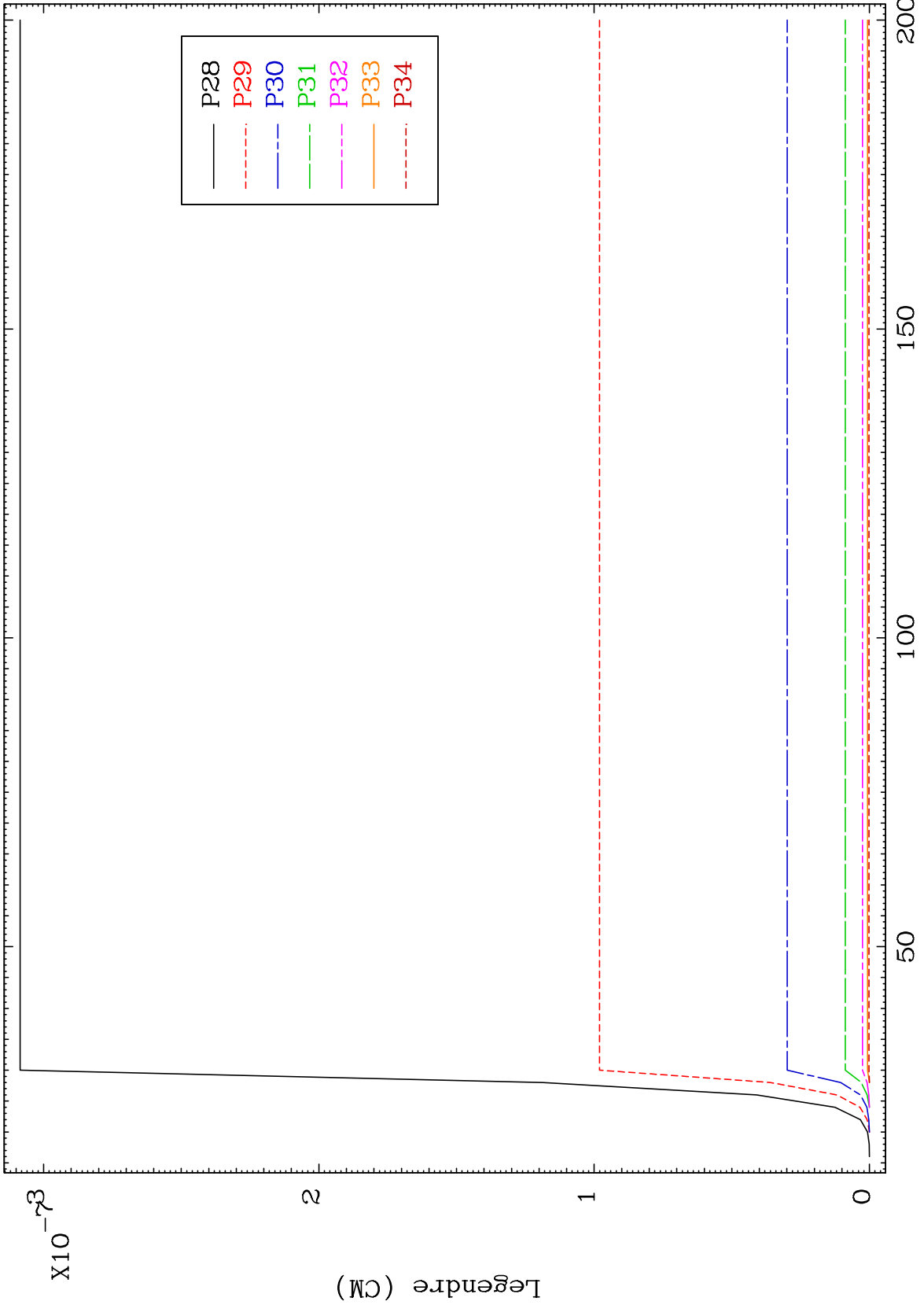
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



26

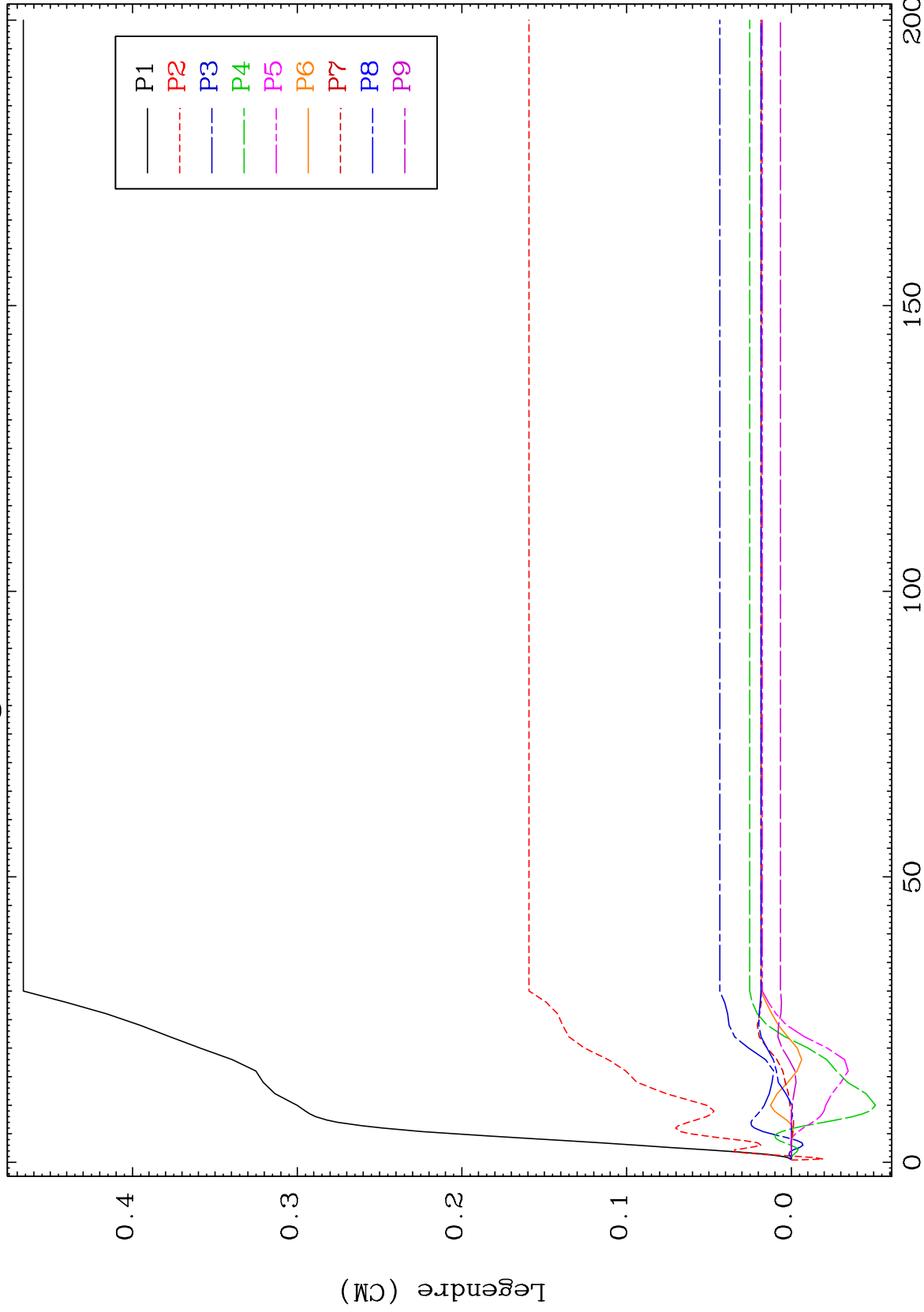
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



27

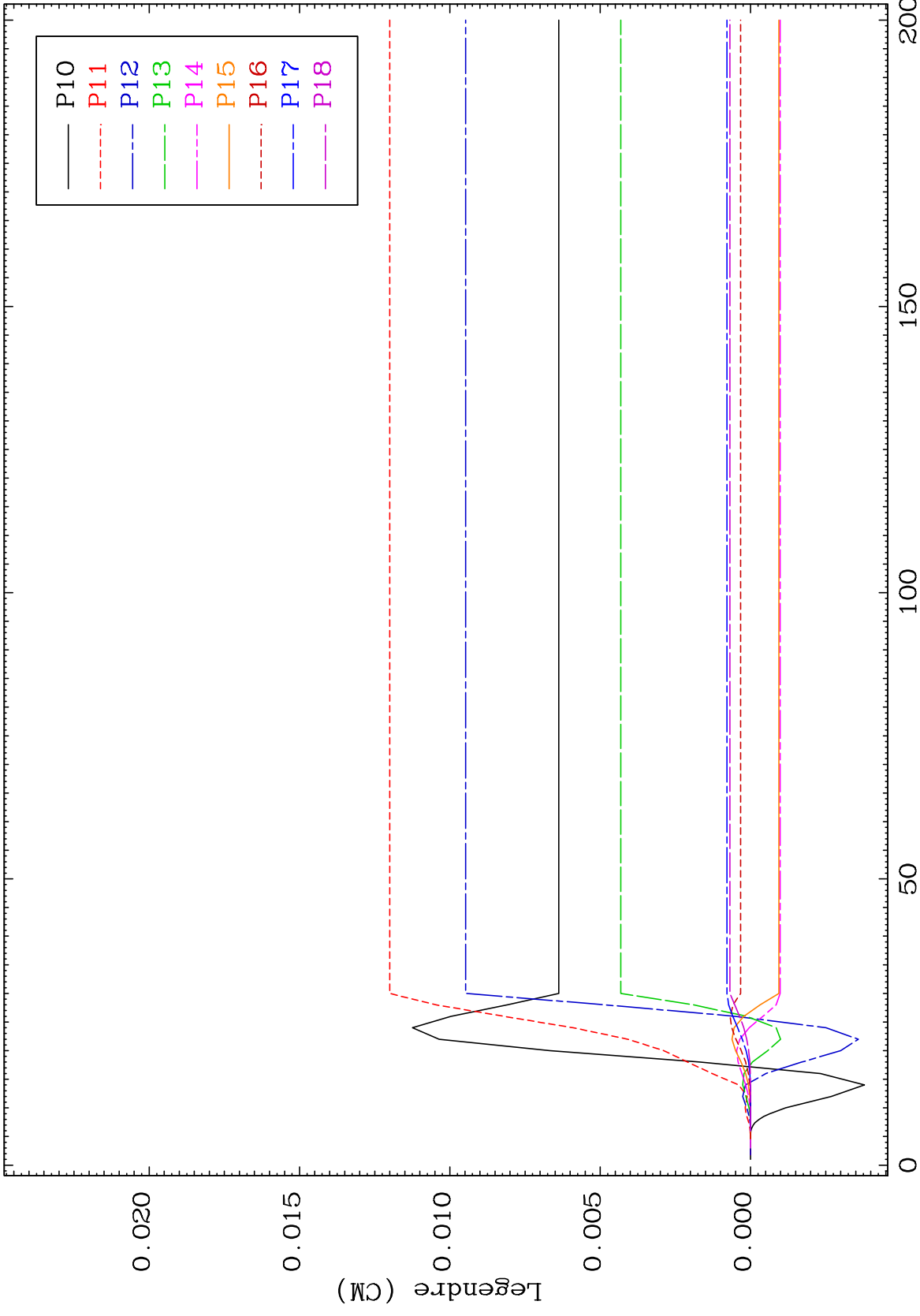
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



28

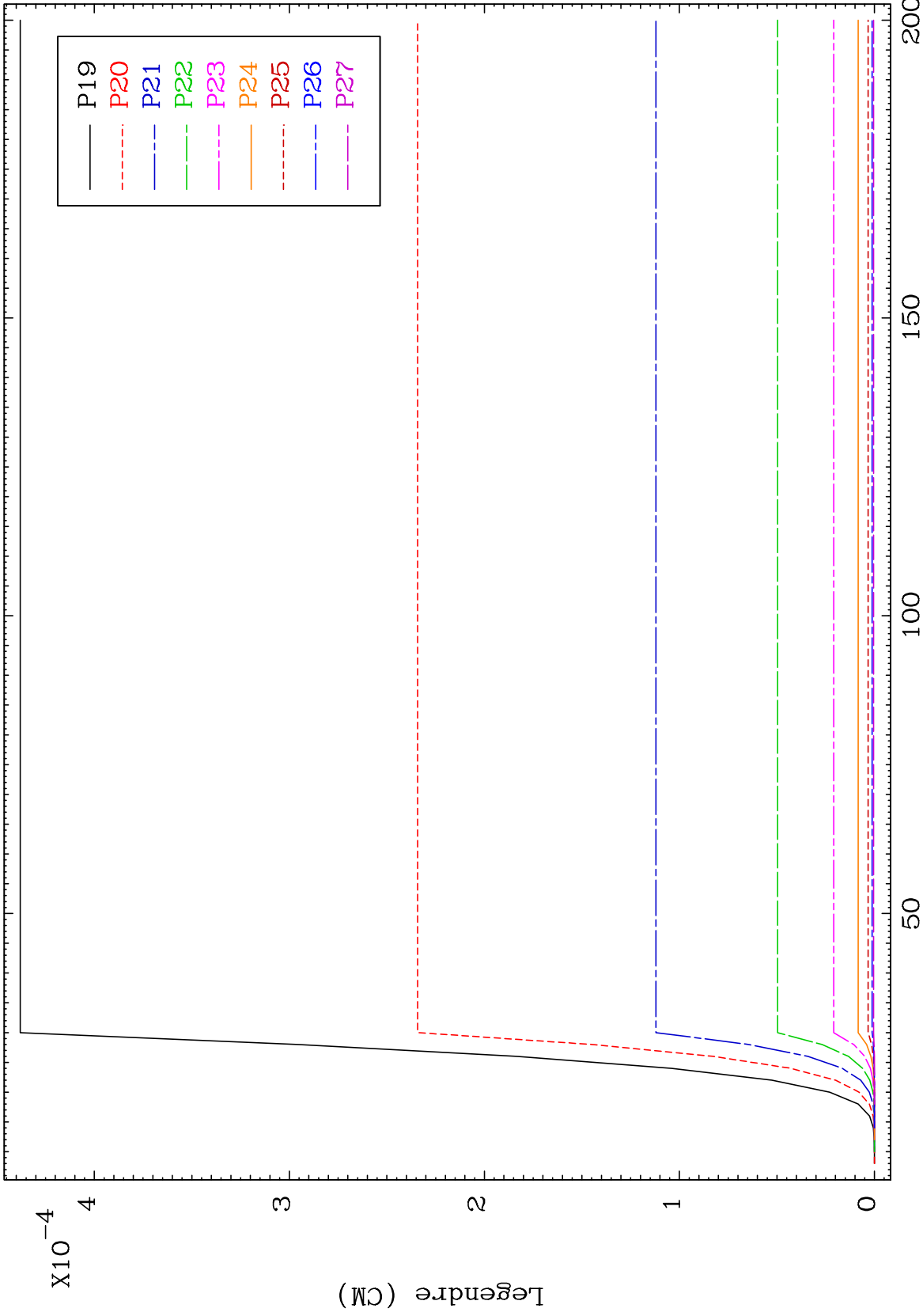
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



29

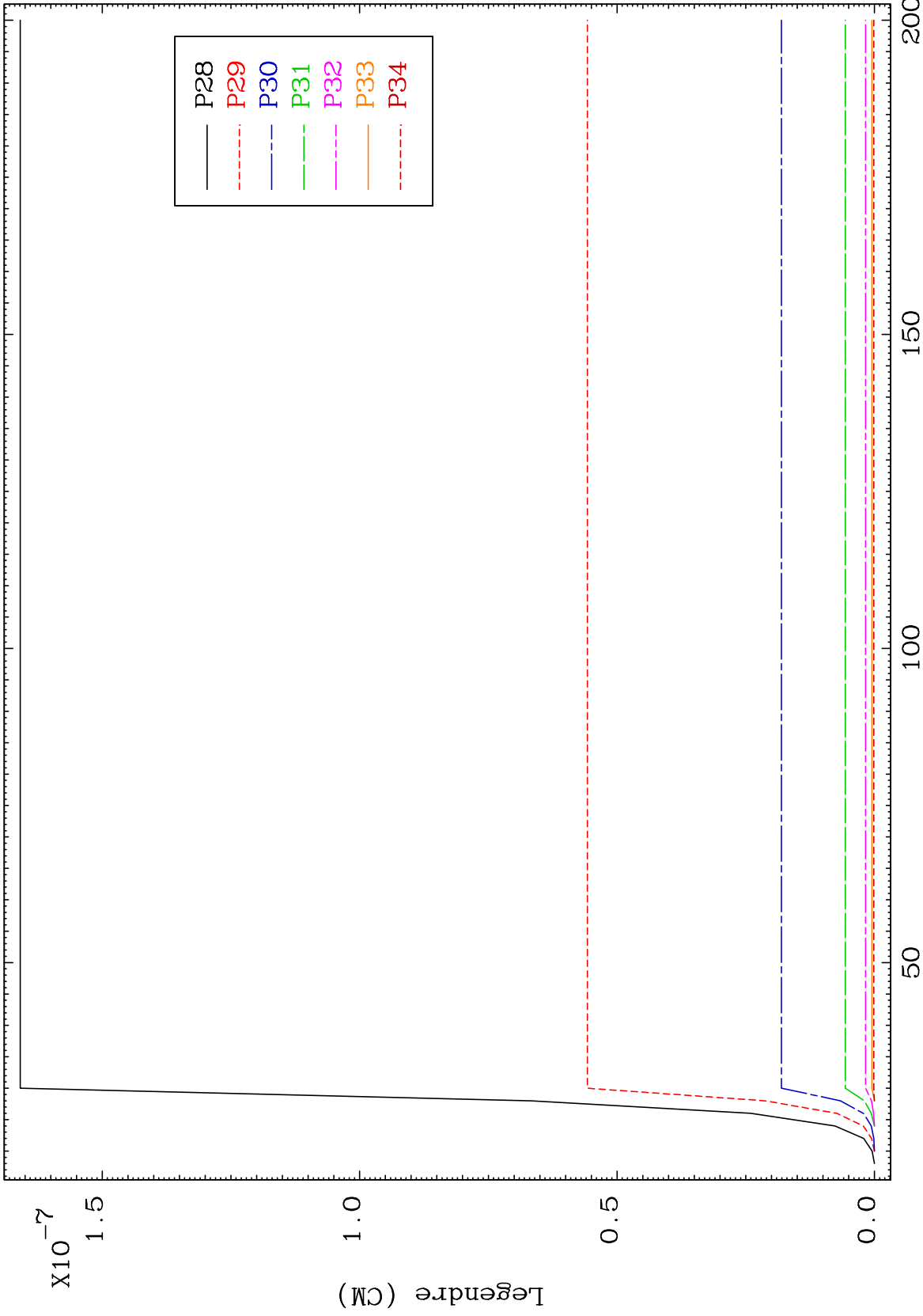
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



30

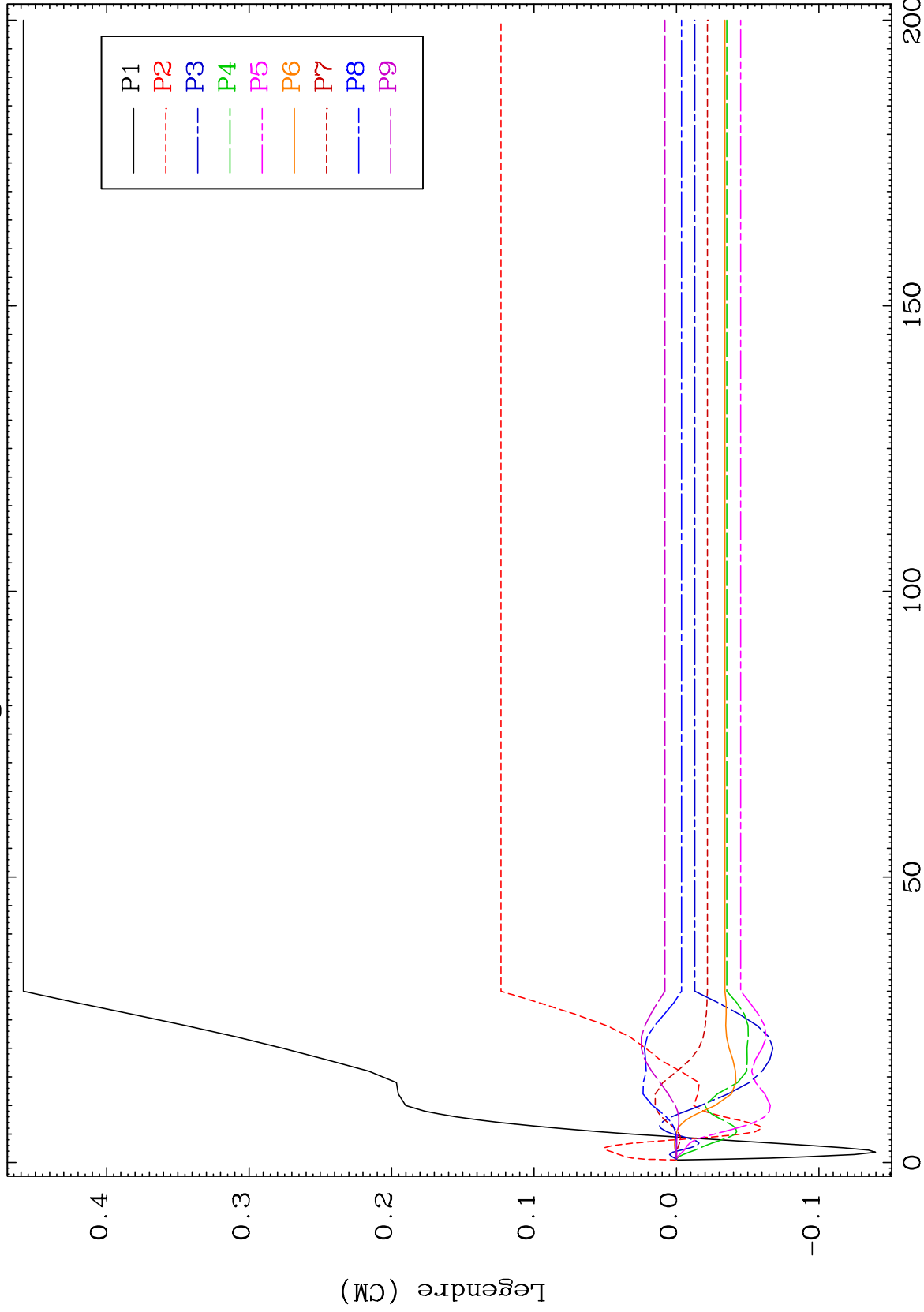
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



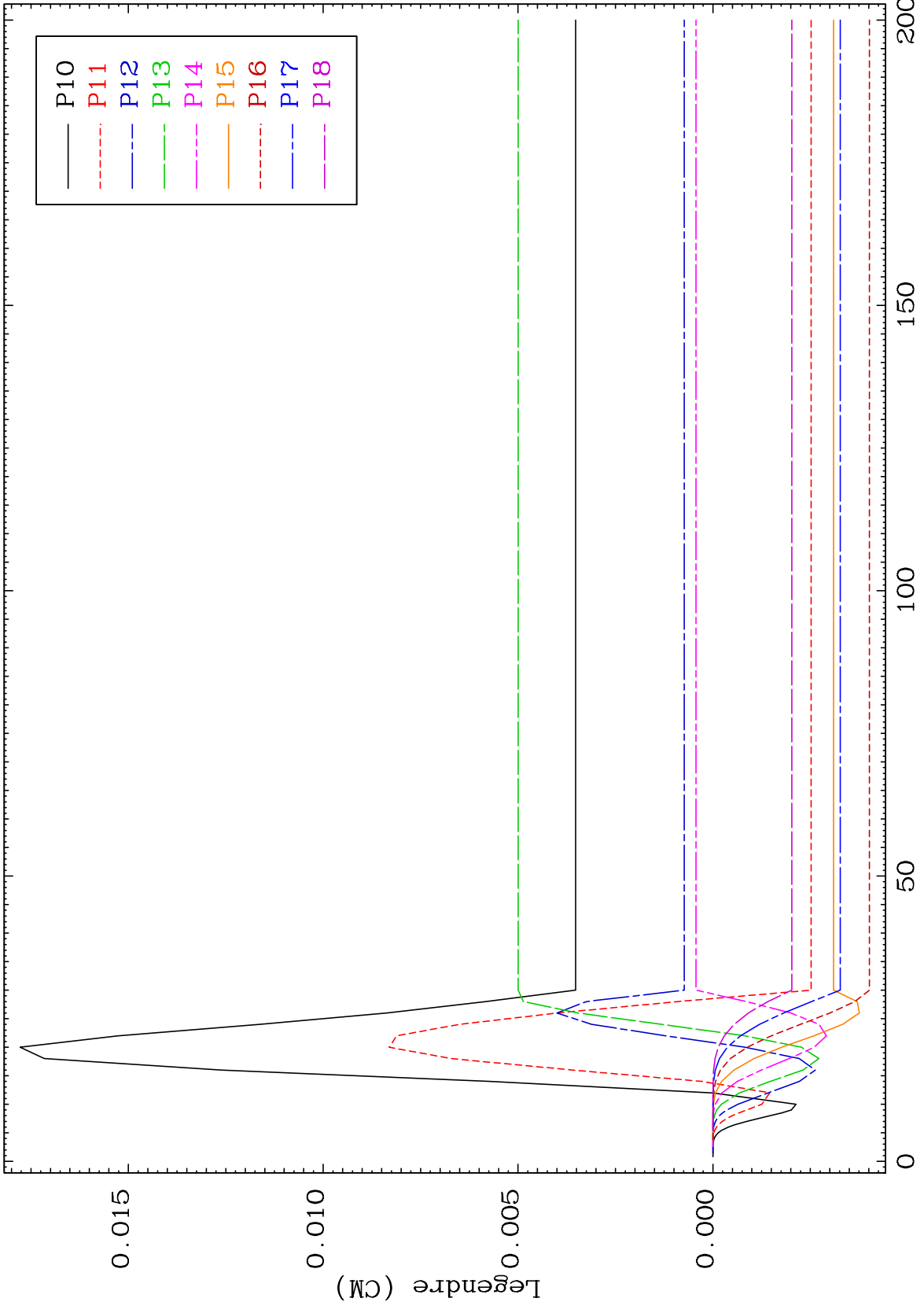
31

Incident Energy (MeV)

36-Kr-73



MAT 3610 MT= 54 (n,n') Level Legendre Coefficients 36-Kr-73

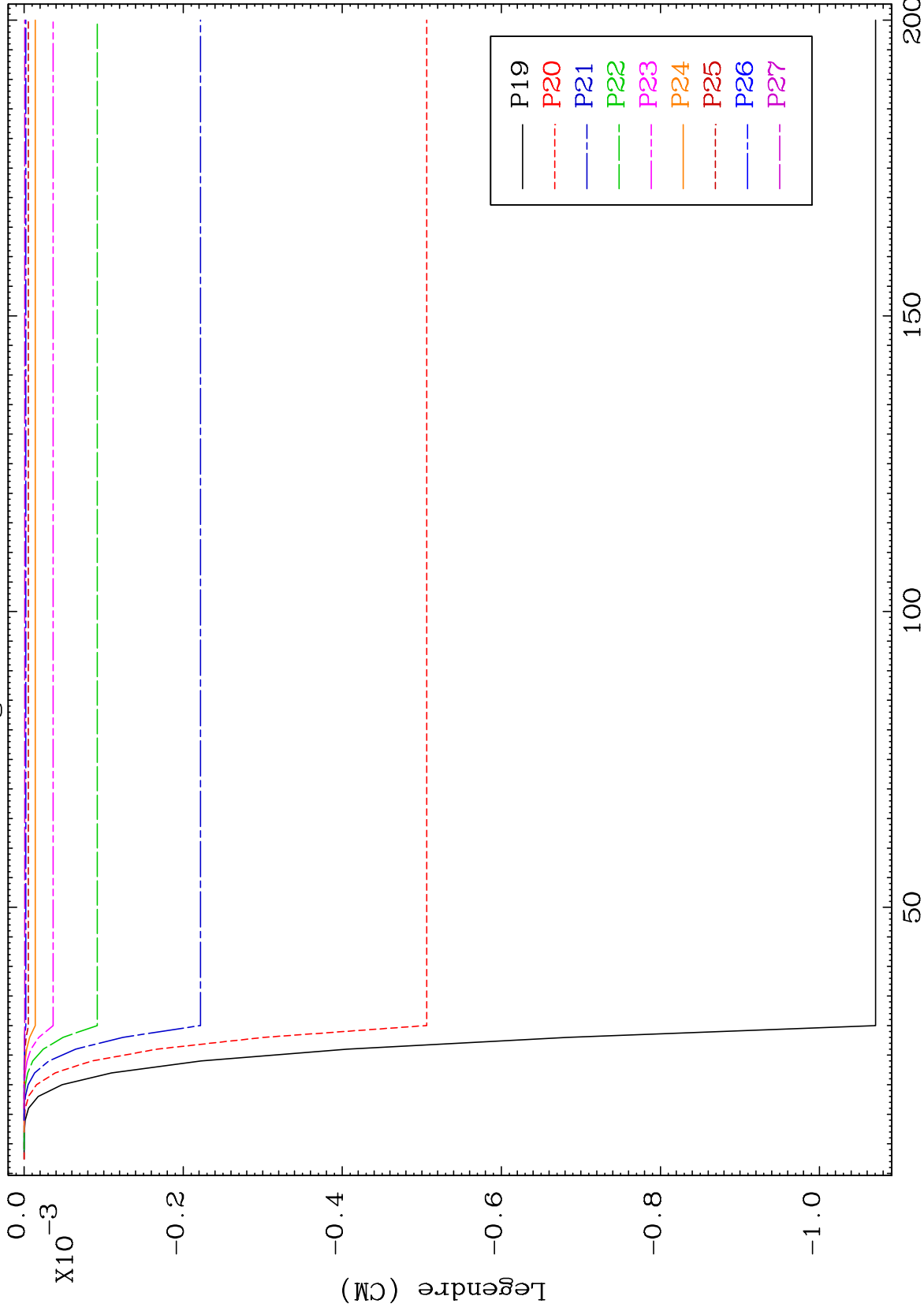


32 36-Kr-73

MAT 3610

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

36-Kr-73



36-Kr-73

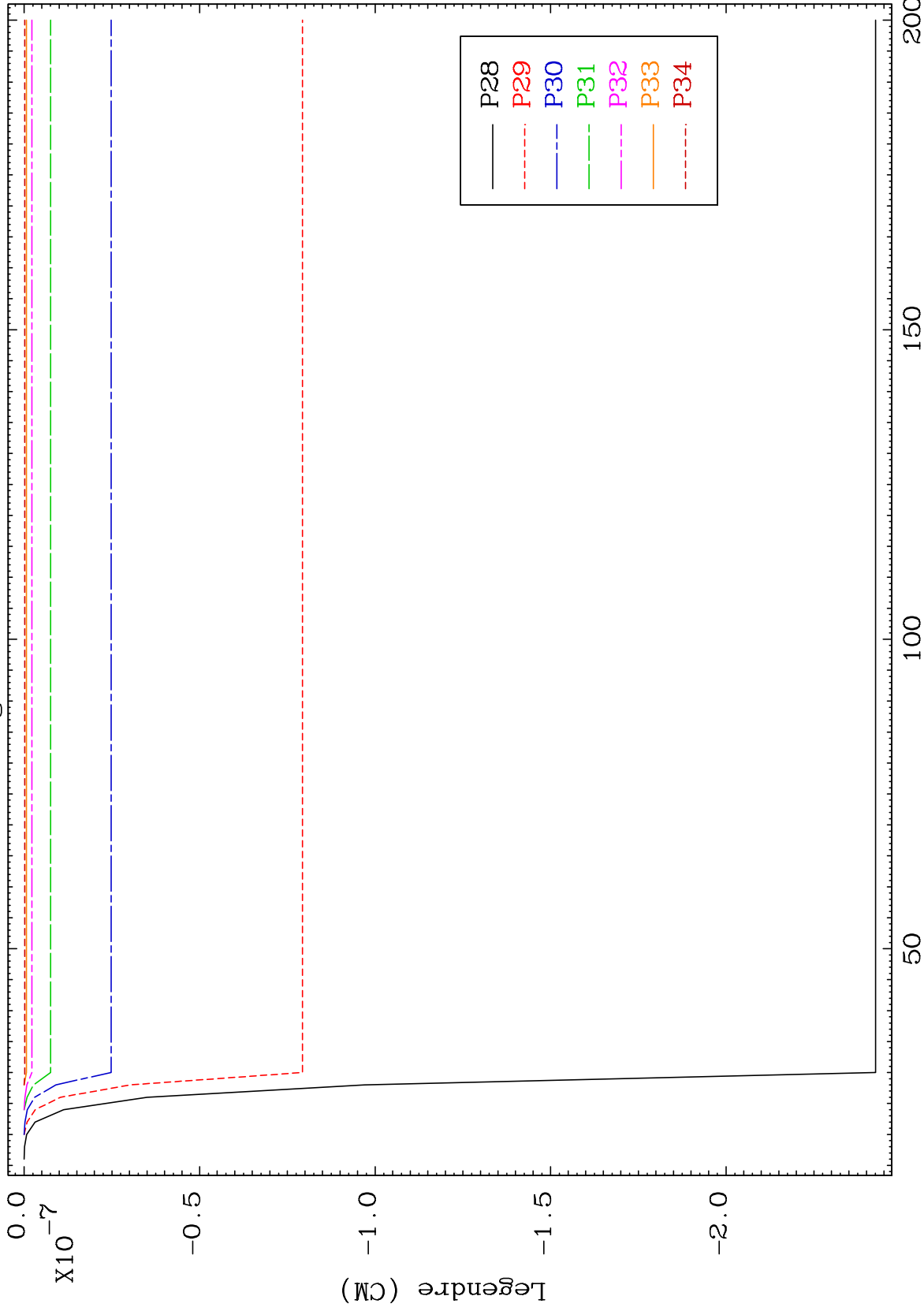
Incident Energy (MeV)

33

MAT 3610

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

36-Kr-73



34

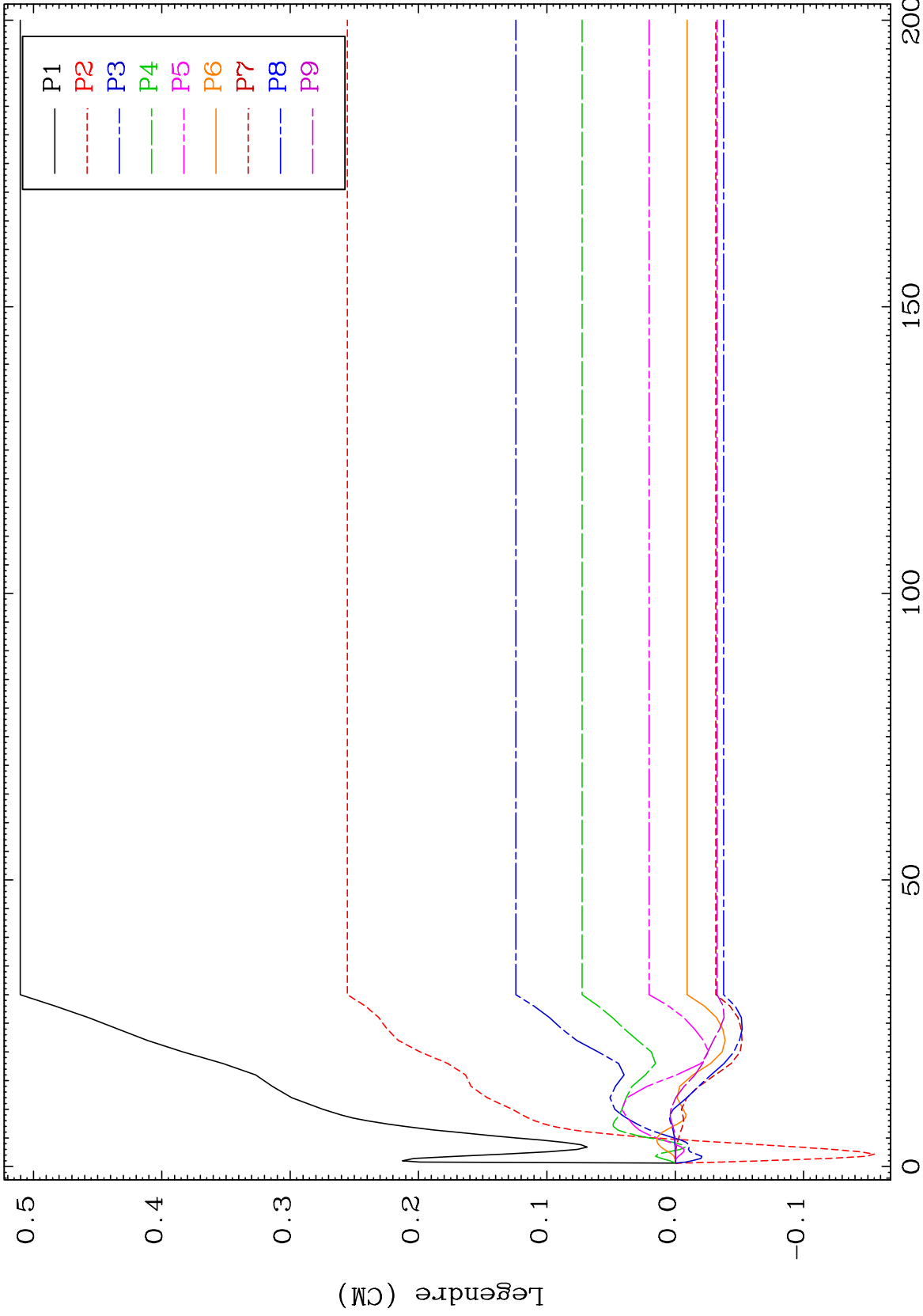
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



35

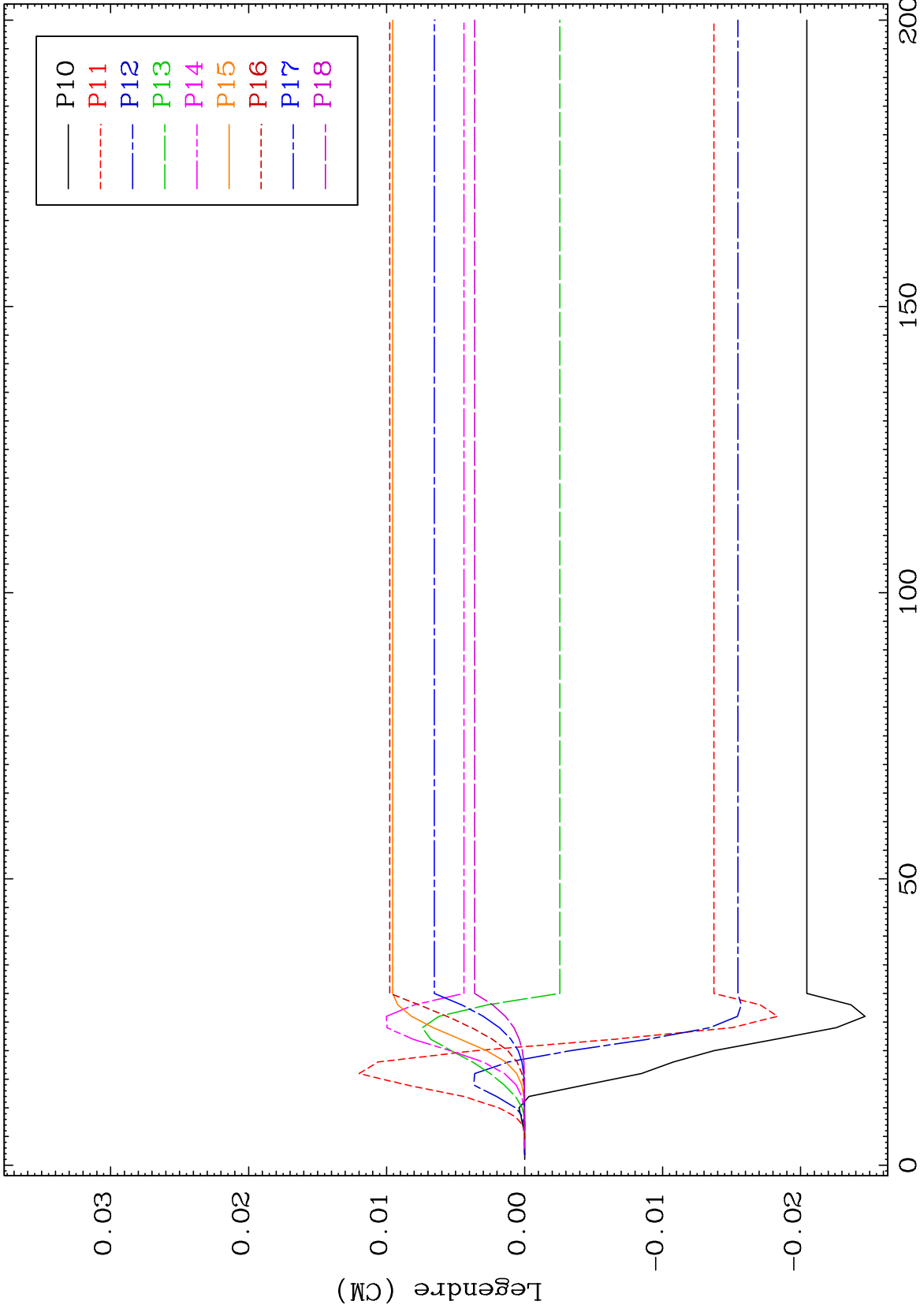
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



36

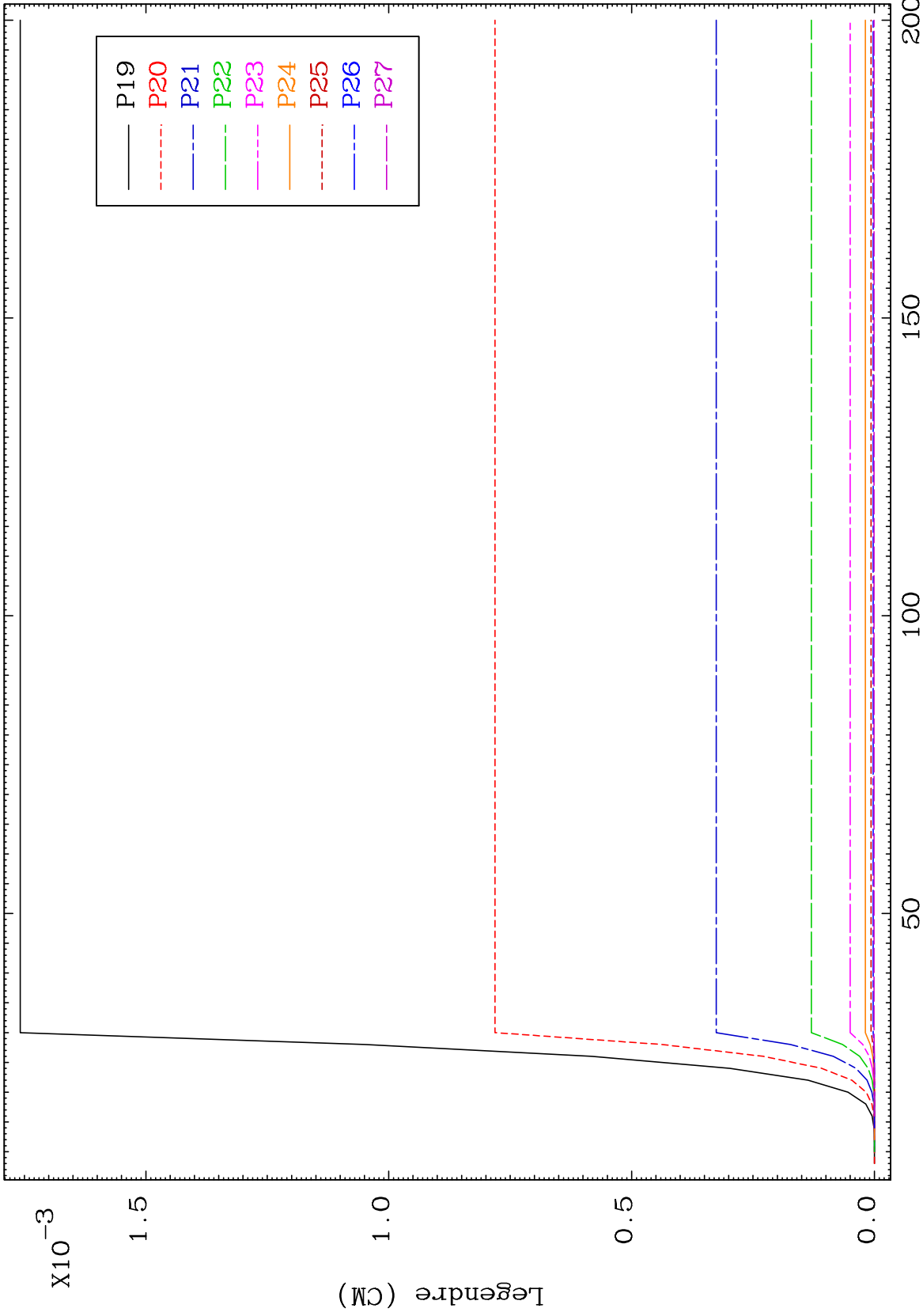
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



37

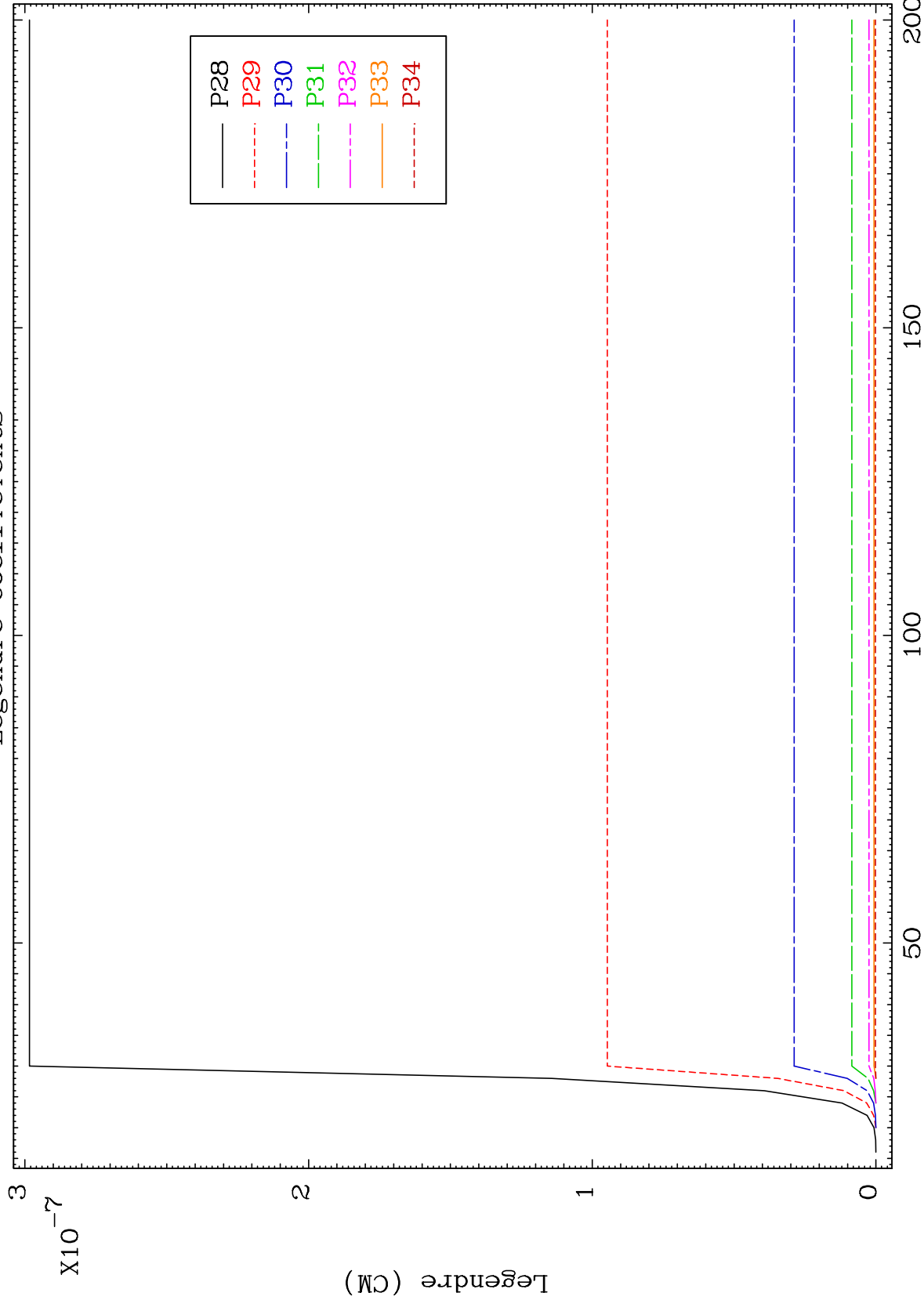
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



38

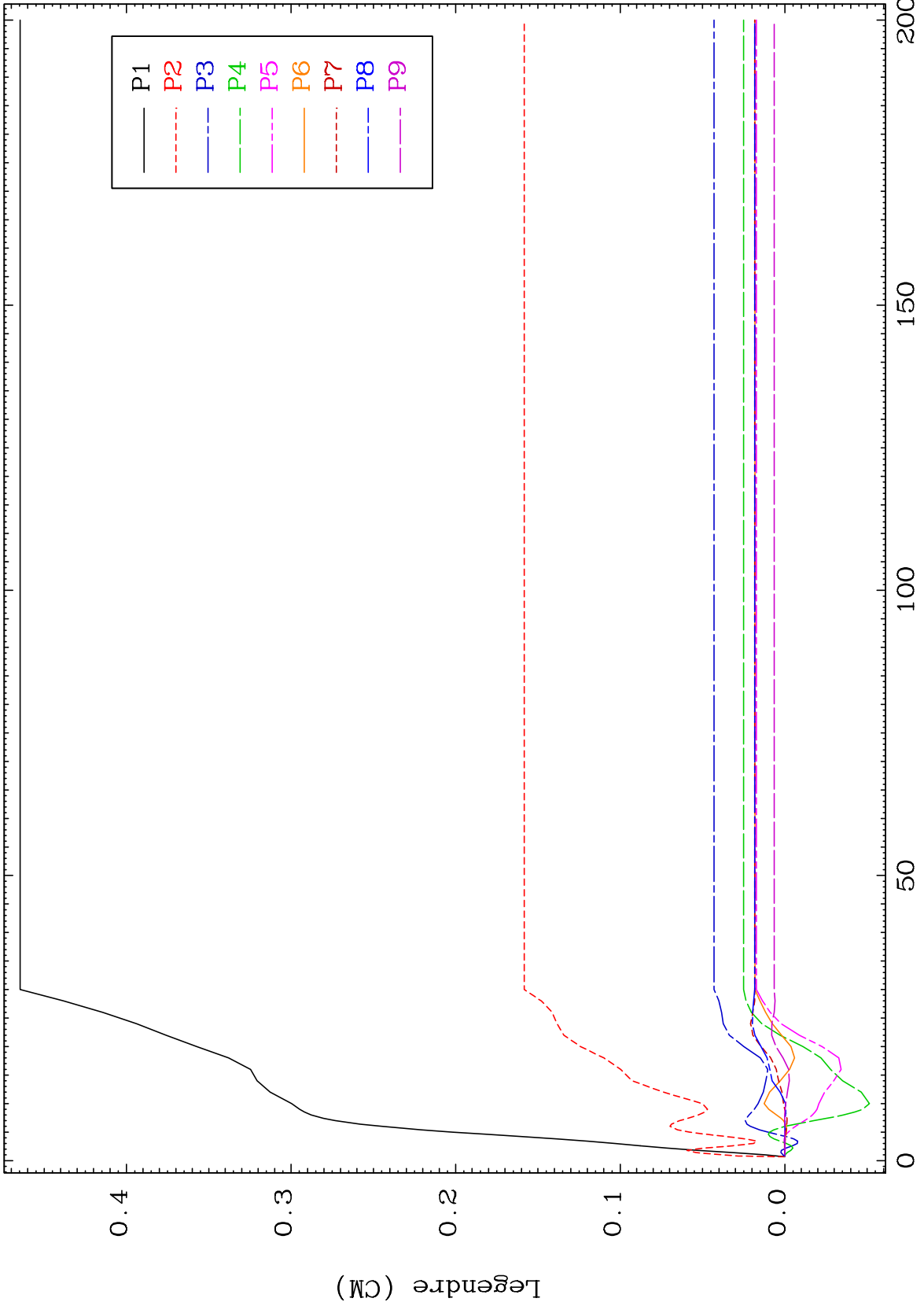
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



39

Incident Energy (MeV)

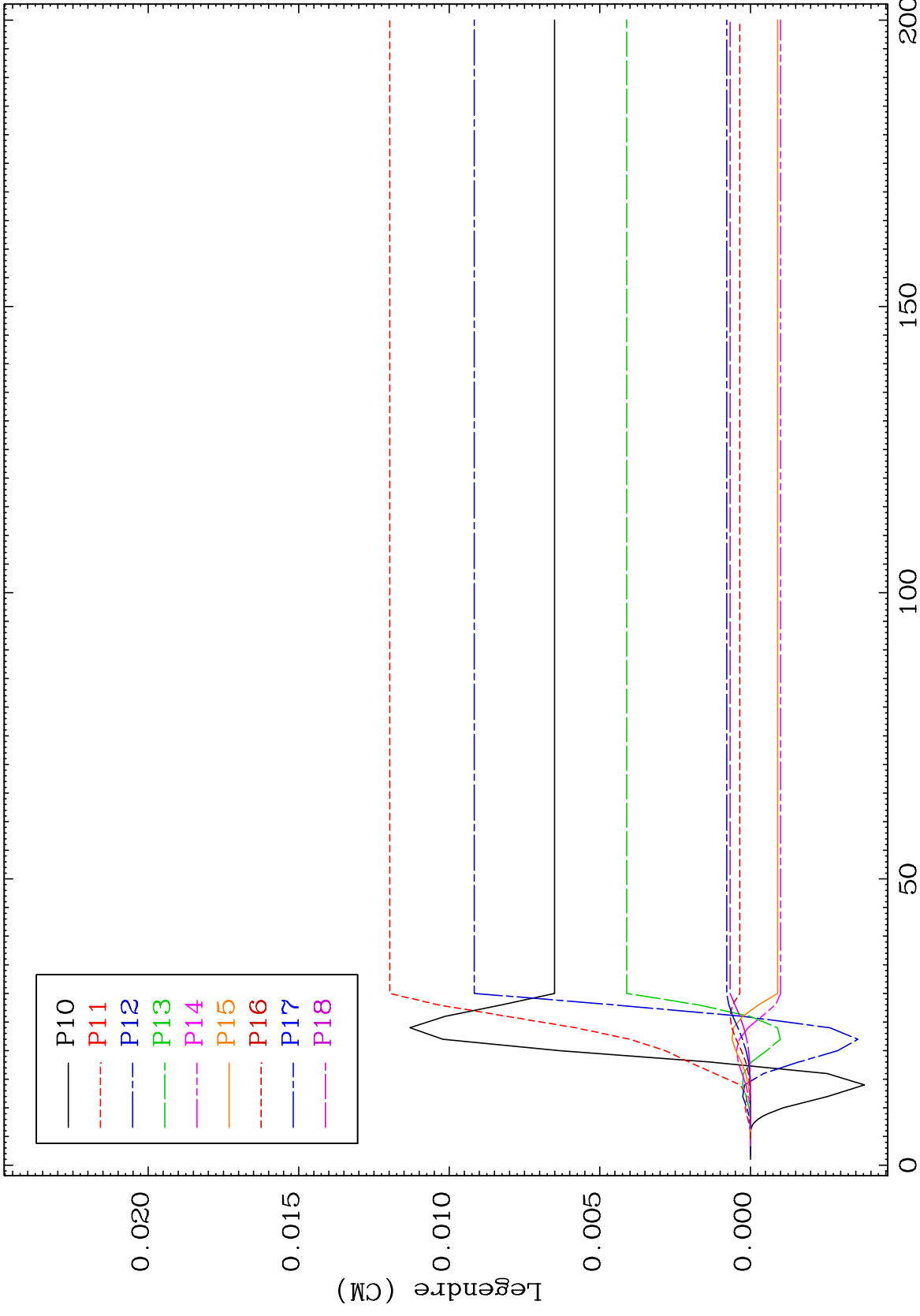
36-Kr-73



MAT 3610

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

36-Kr-73



40

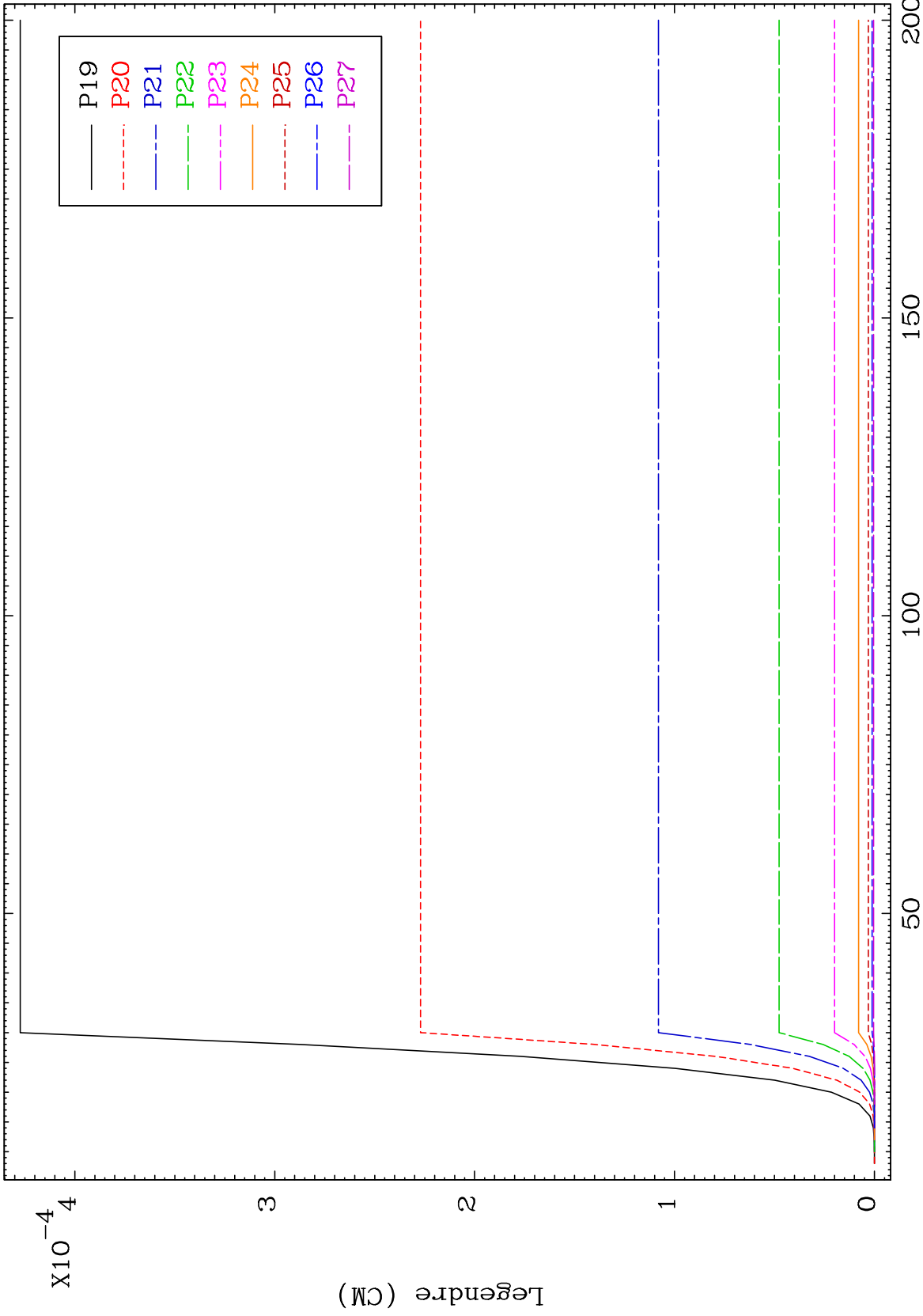
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



41

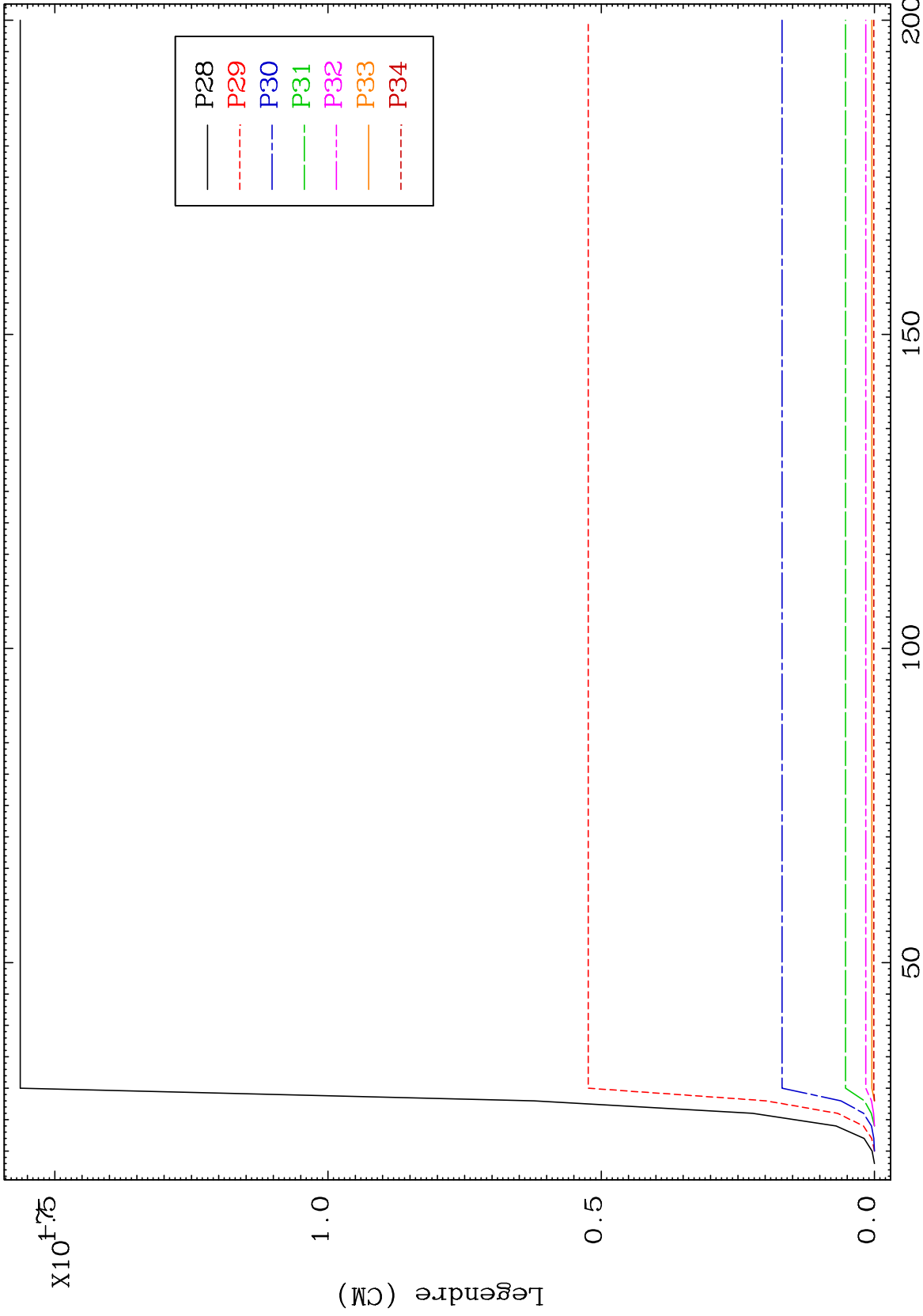
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



42

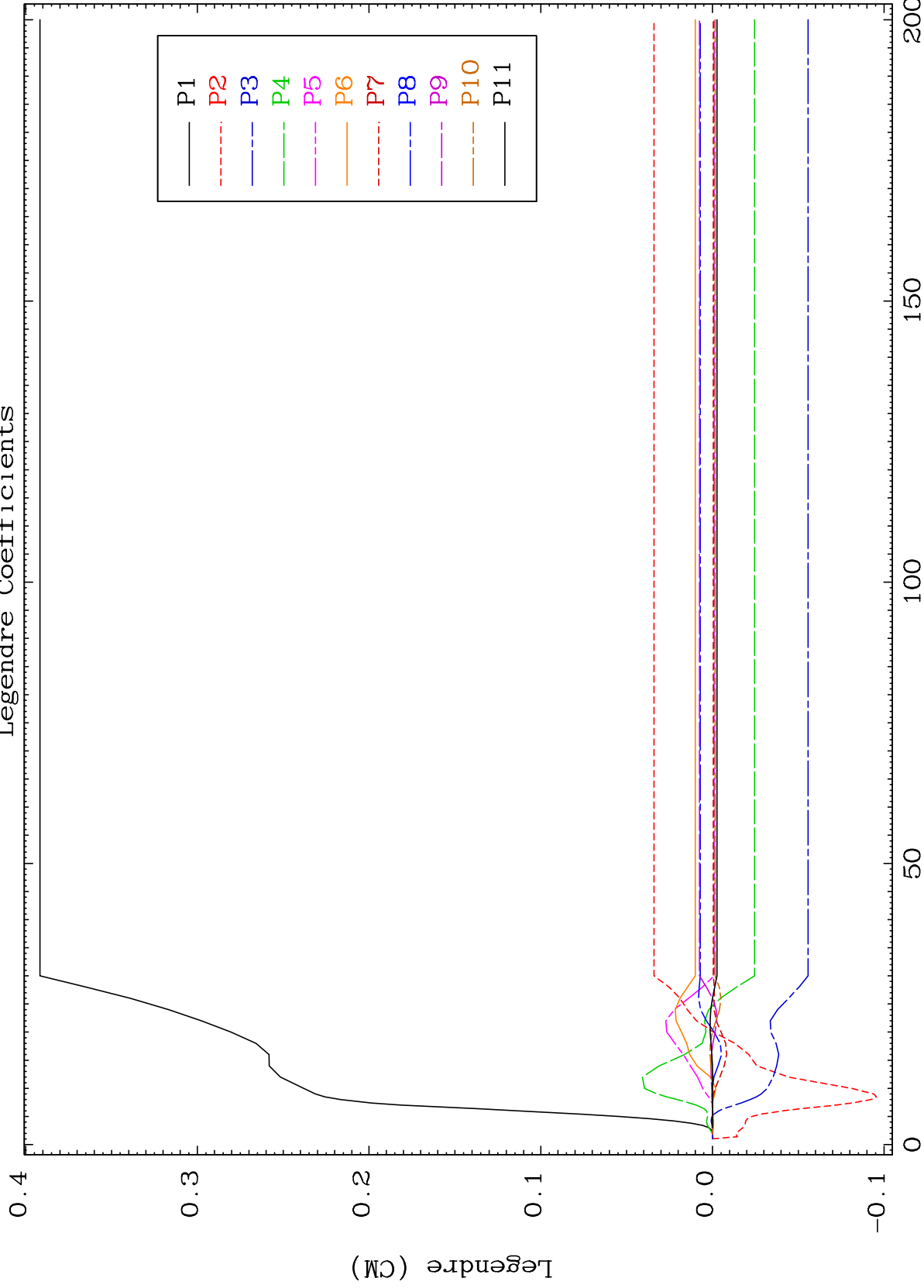
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



43

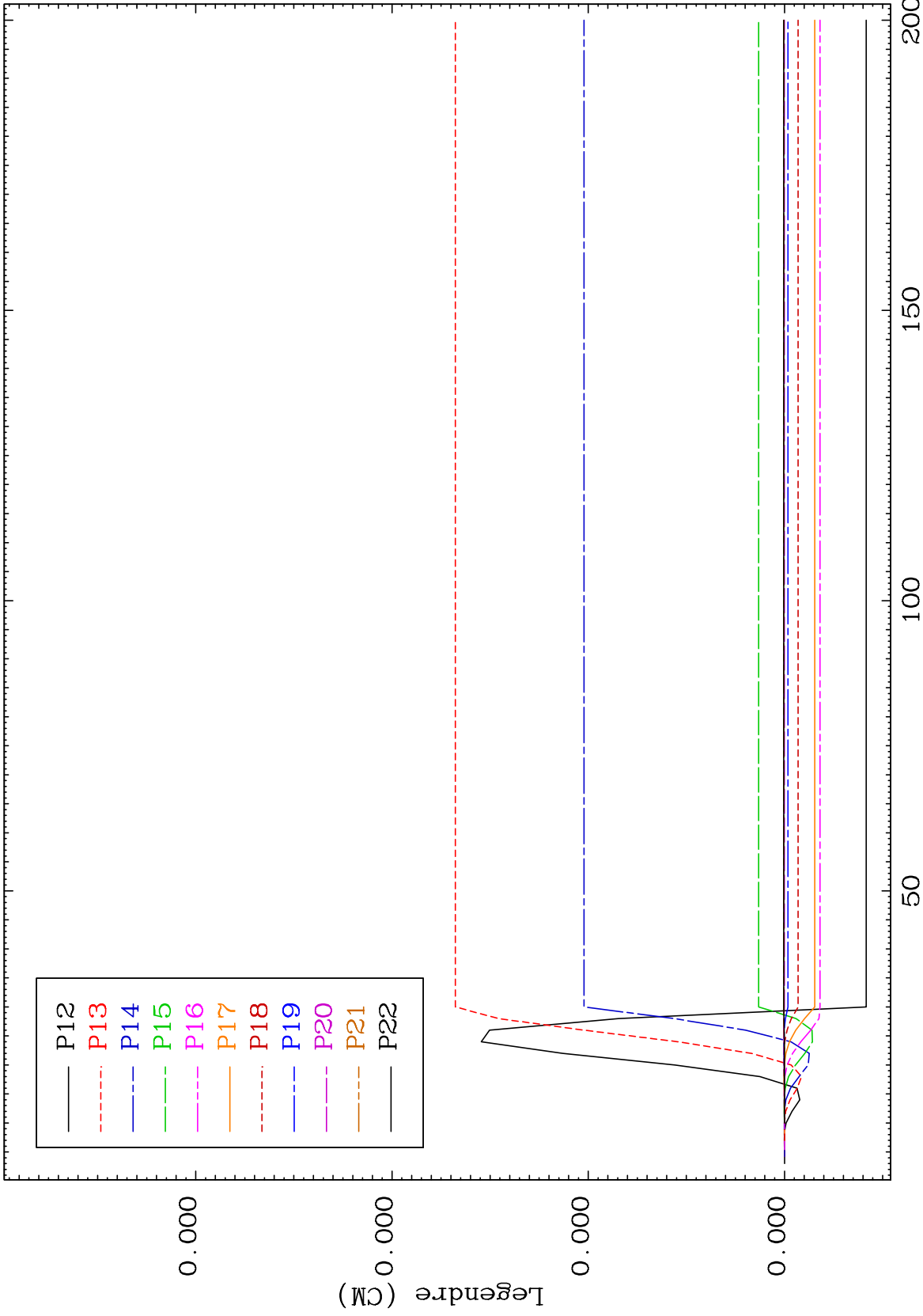
Incident Energy (MeV)

36-Kr-73

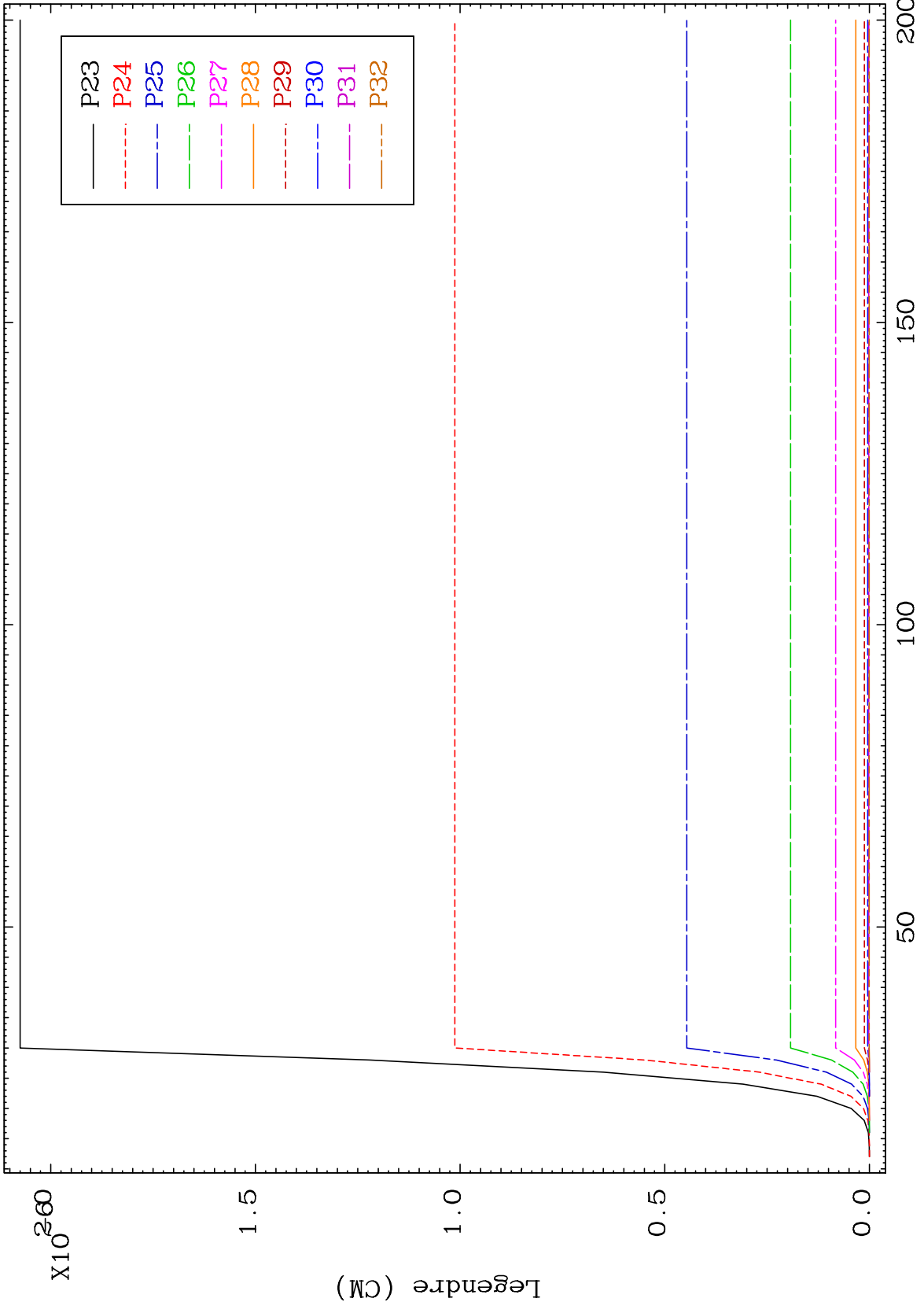
MAT 3610

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

36-Kr-73



MAT 3610 MT= 57 (n,n') Level Legendre Coefficients 36-Kr-73

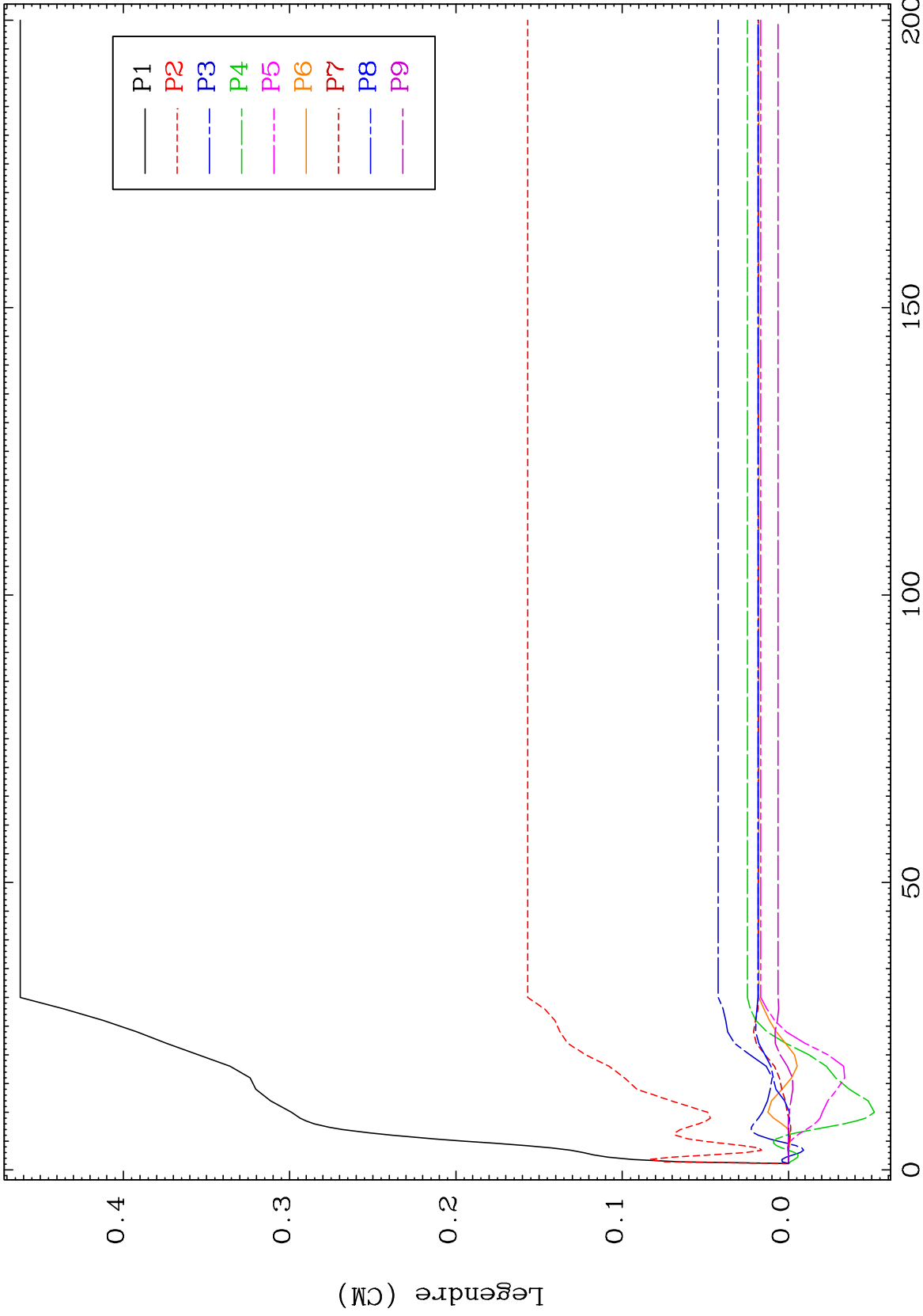


36-Kr-73

MAT 3610

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

36-Kr-73



46

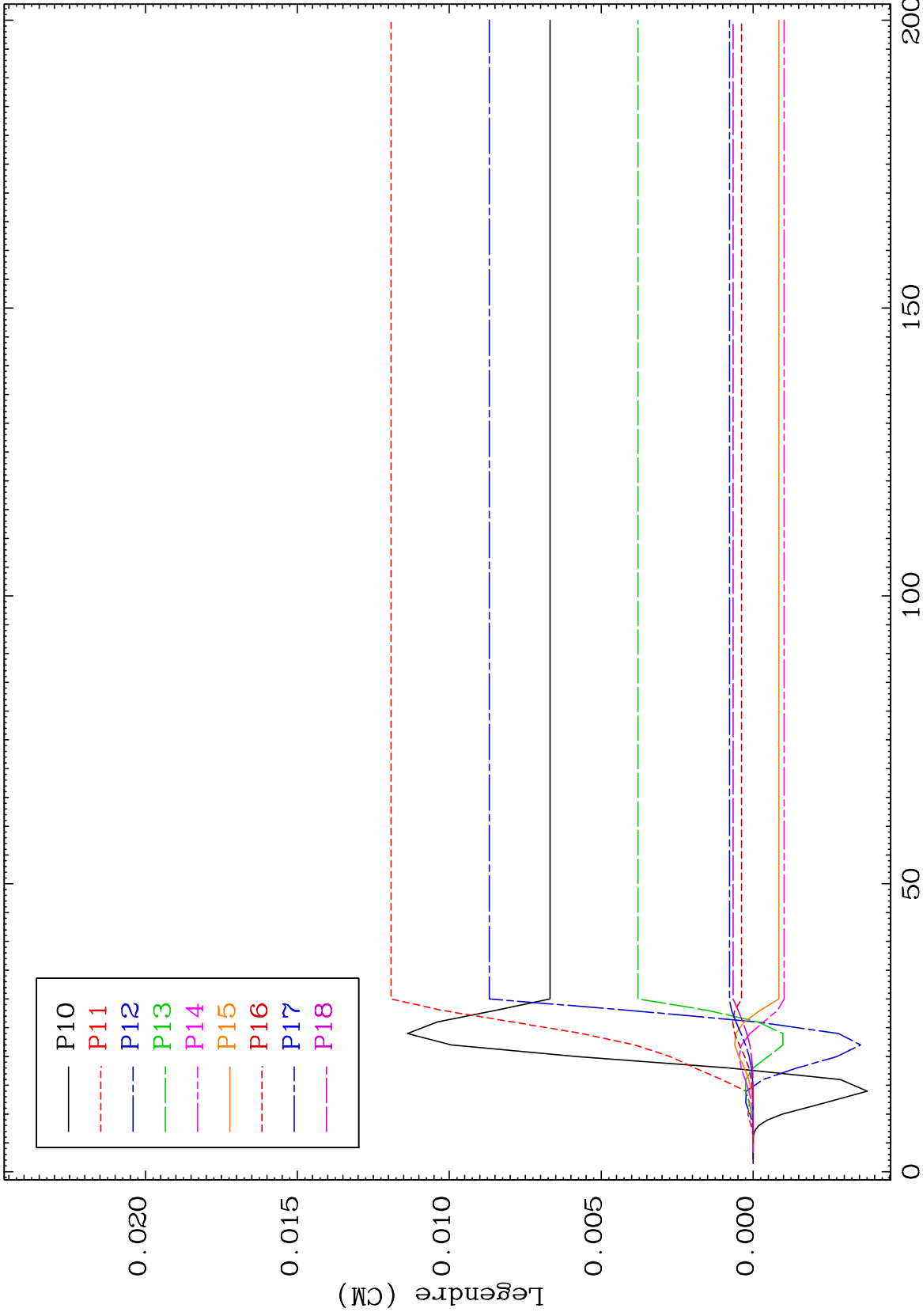
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



47

Incident Energy (MeV)

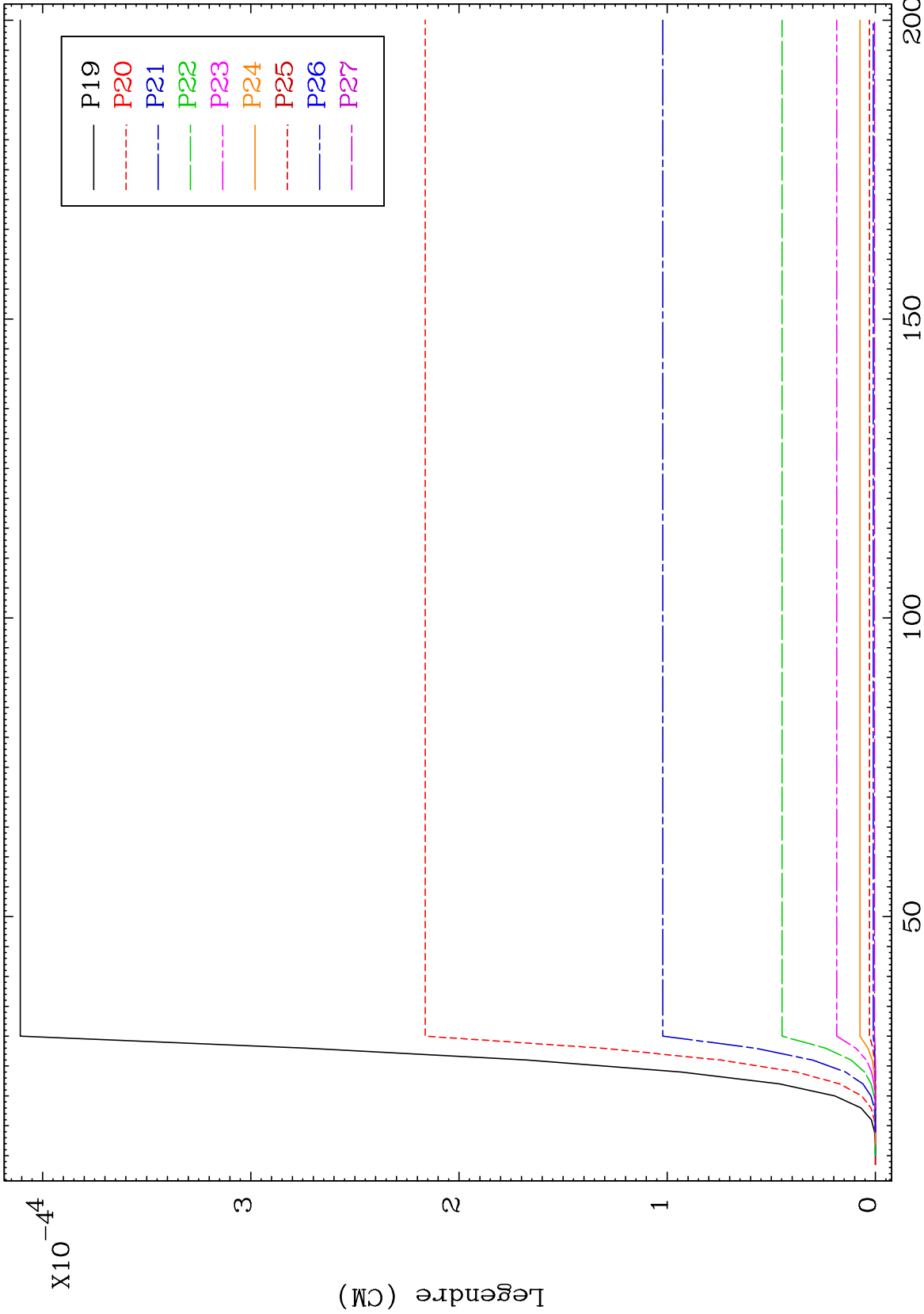
36-Kr-73



MAT 3610

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

36-Kr-73



48

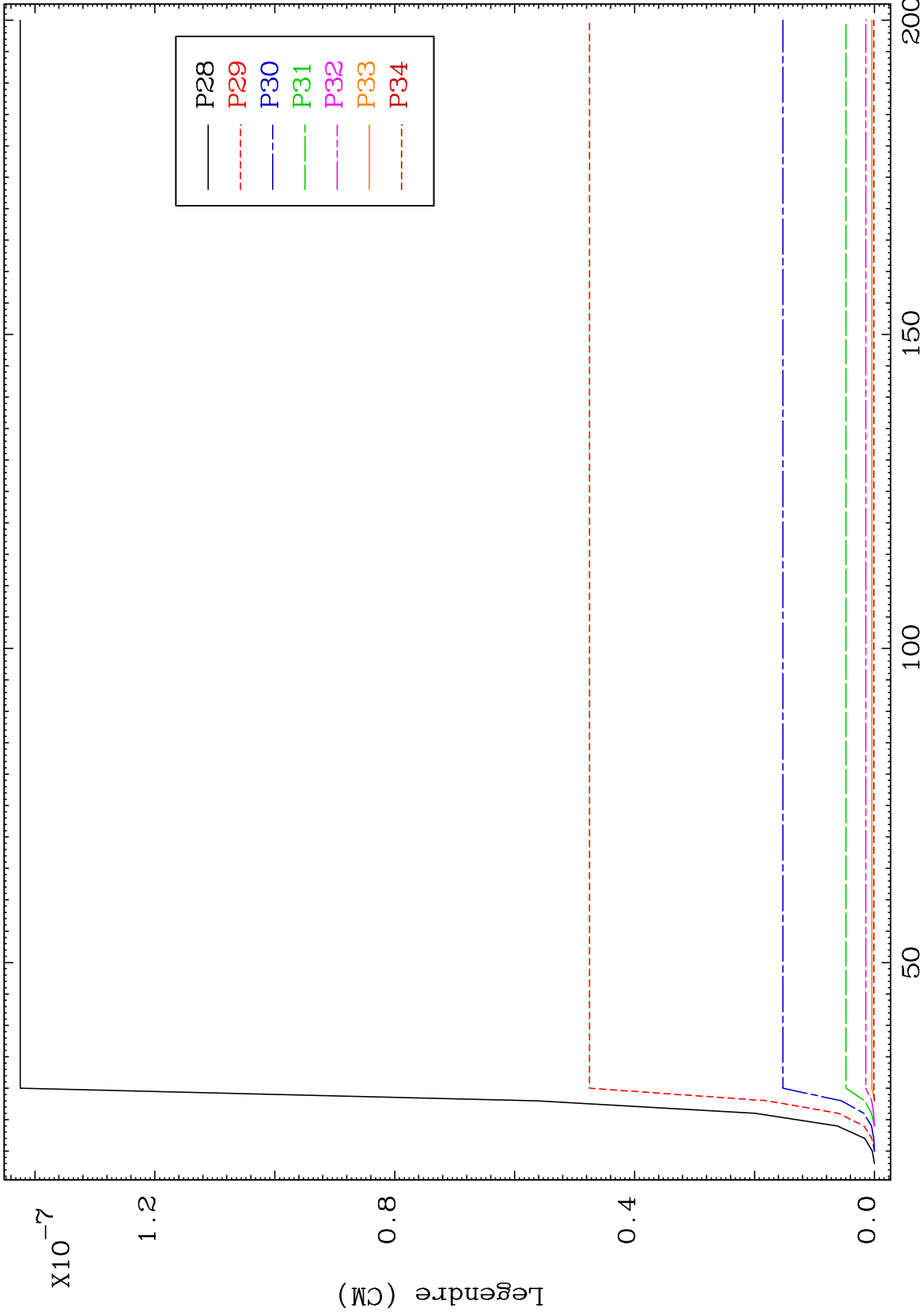
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



49

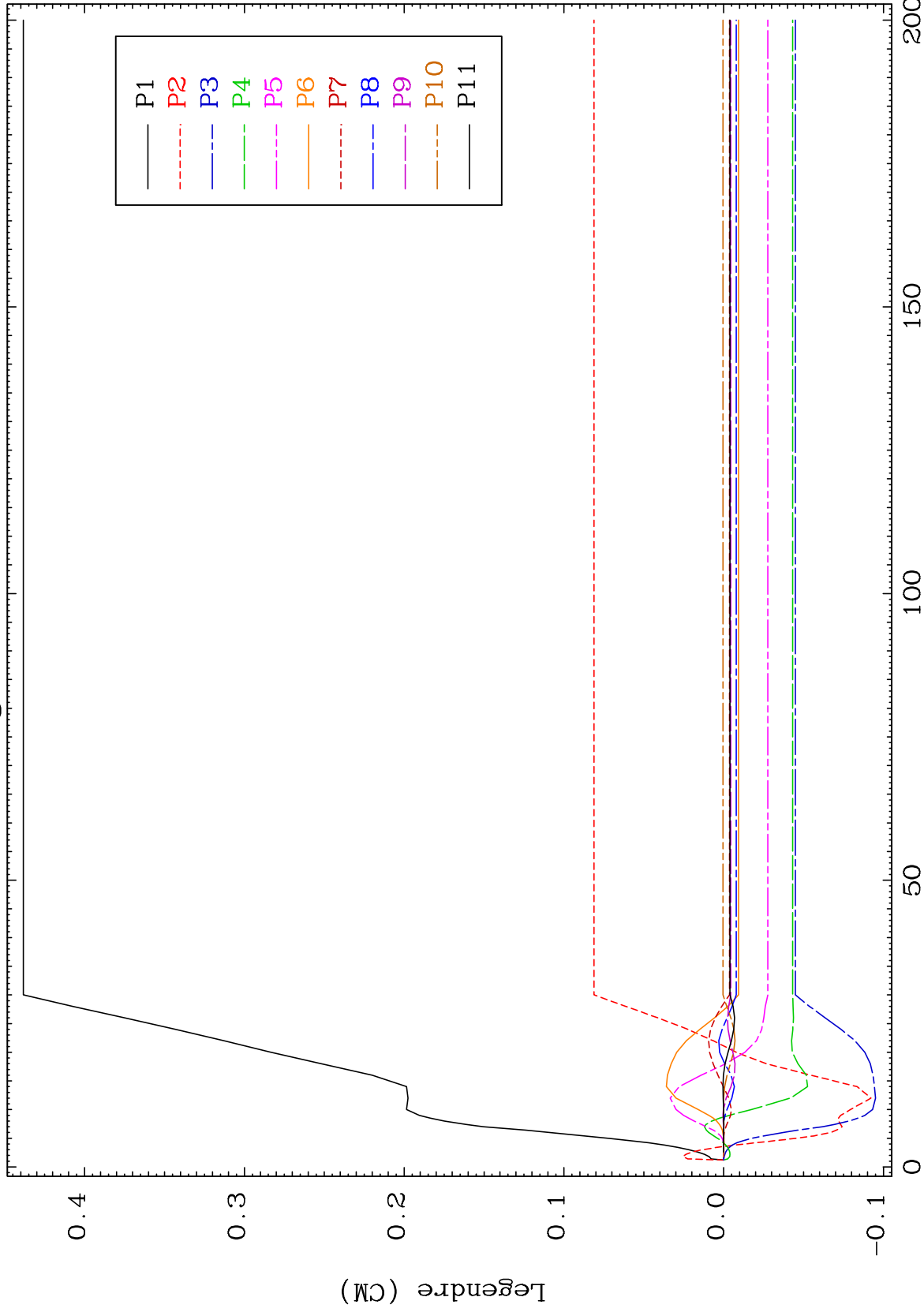
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



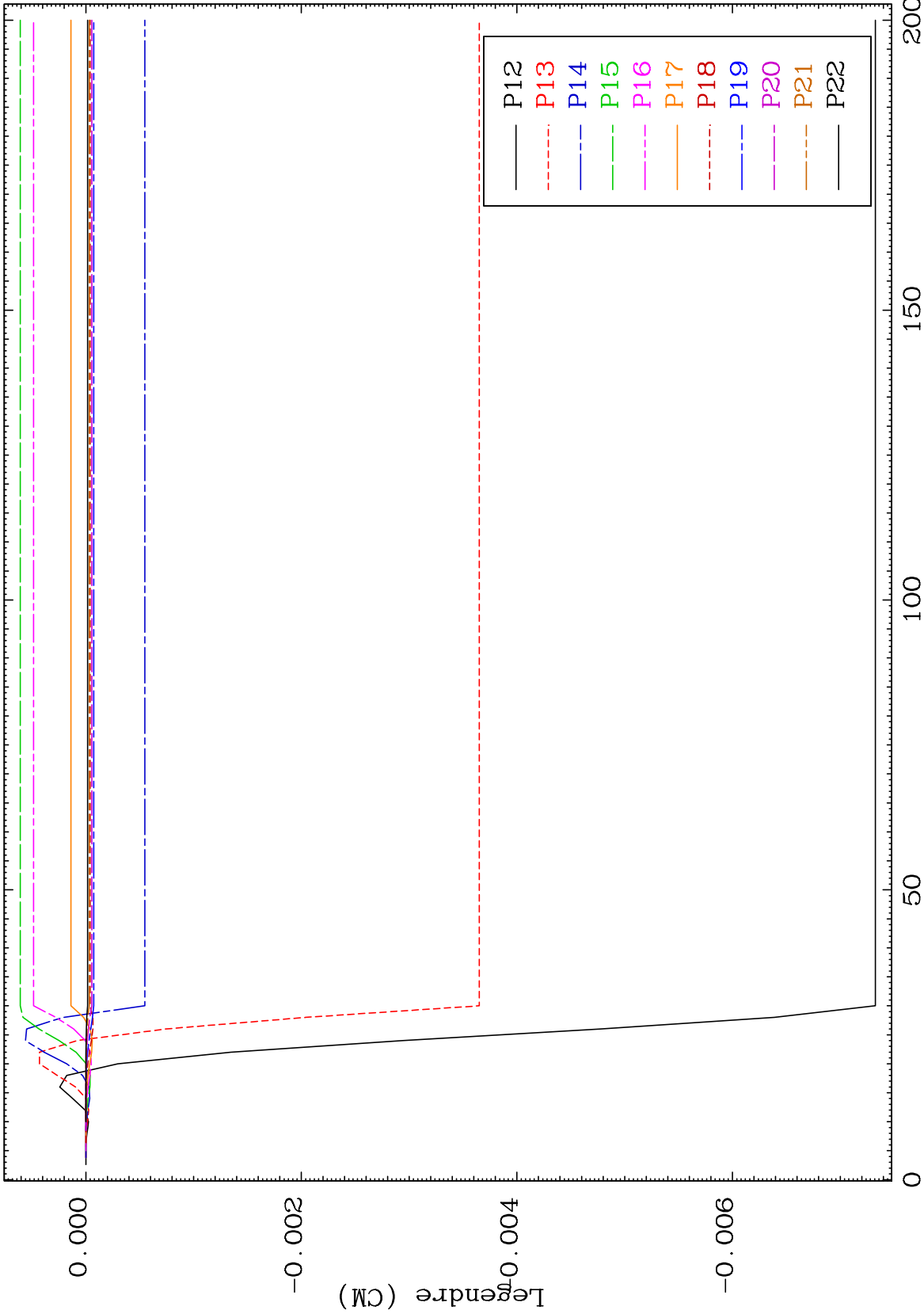
36-Kr-73

Incident Energy (MeV)

MAT 3610

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

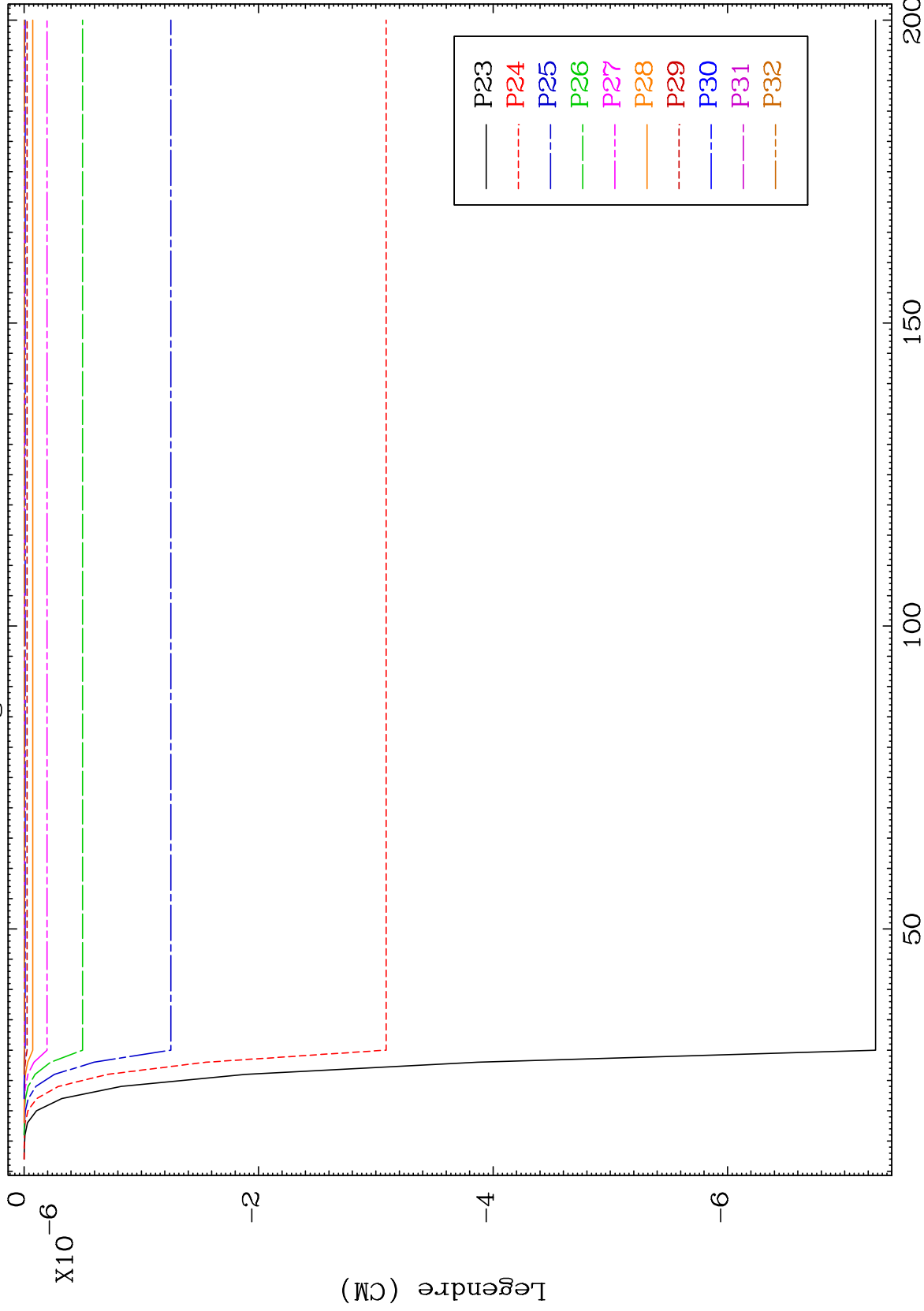
36-Kr-73



MAT 3610

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

36-Kr-73



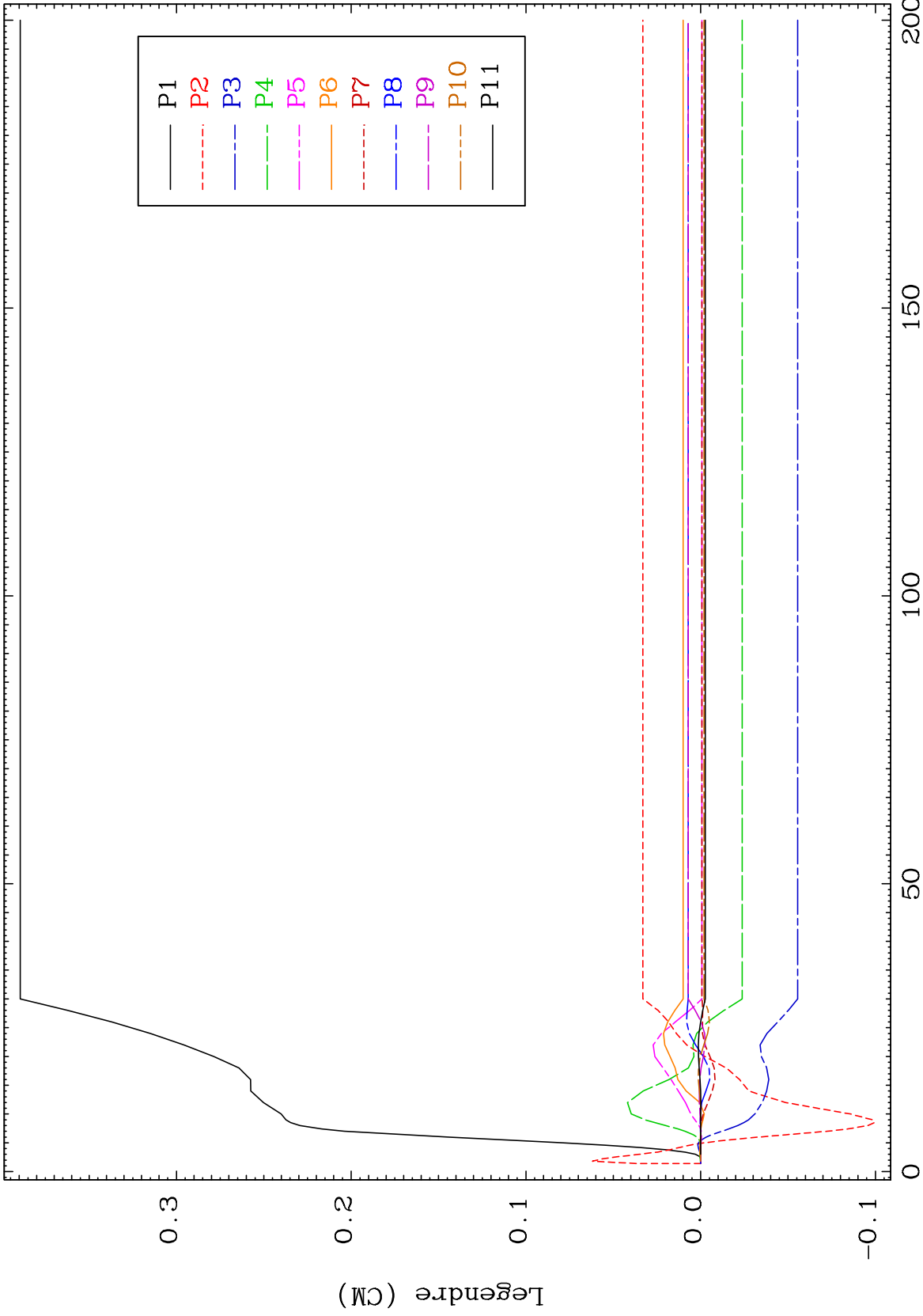
52

36-Kr-73

MAT 3610

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

36-Kr-73



53

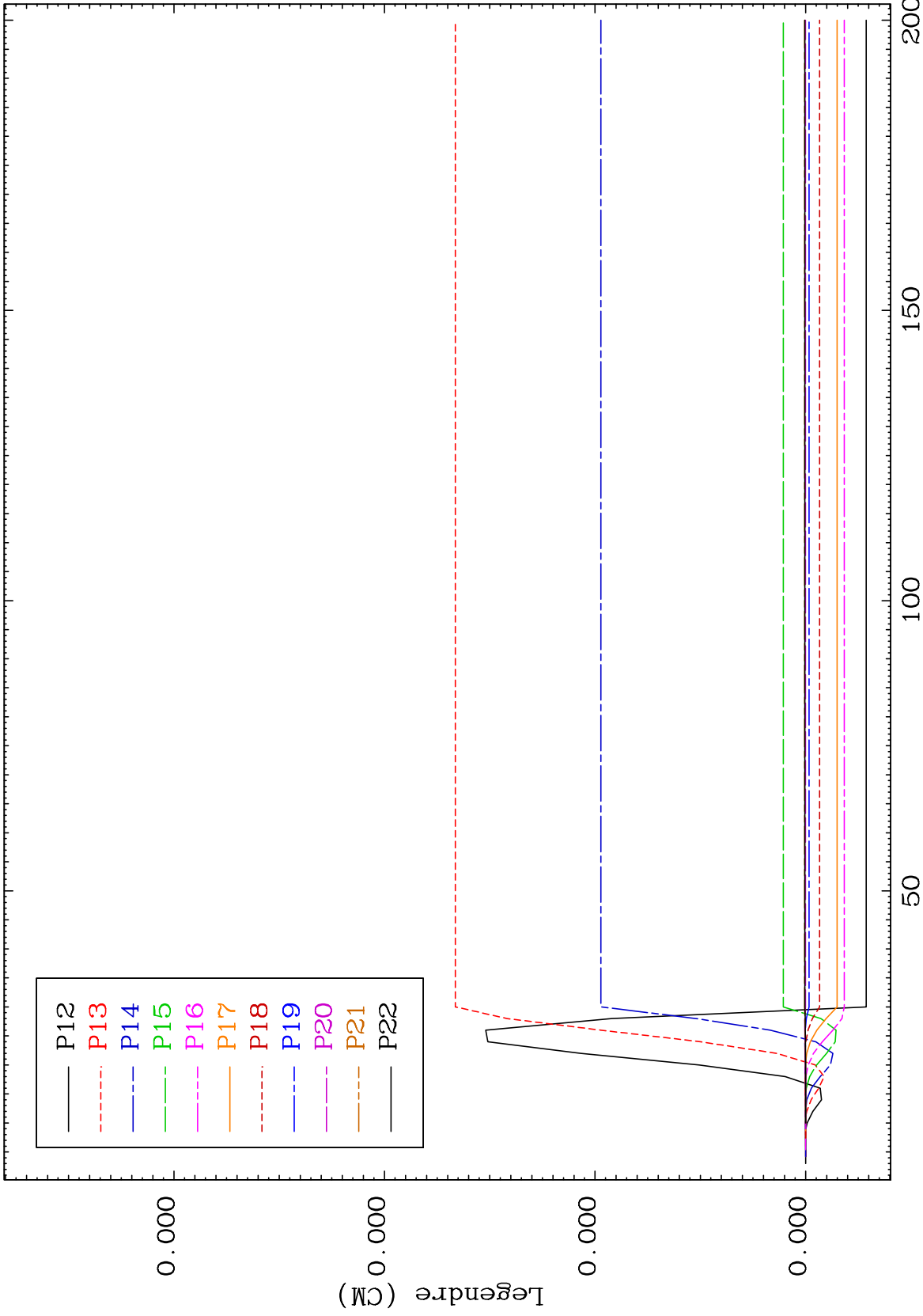
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

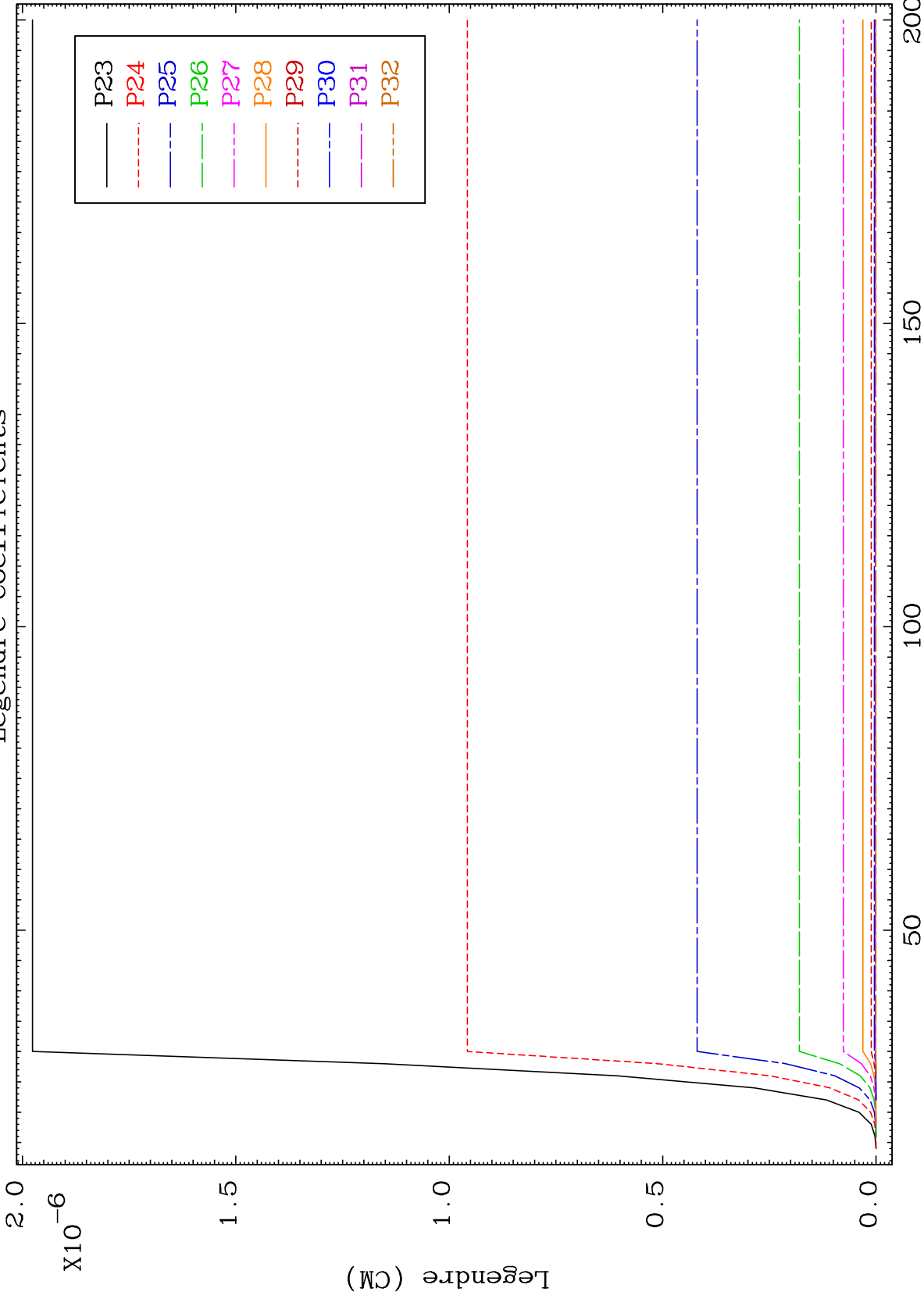
36-Kr-73



36-Kr-73

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

MAT 3610



36-Kr-73

Incident Energy (MeV)

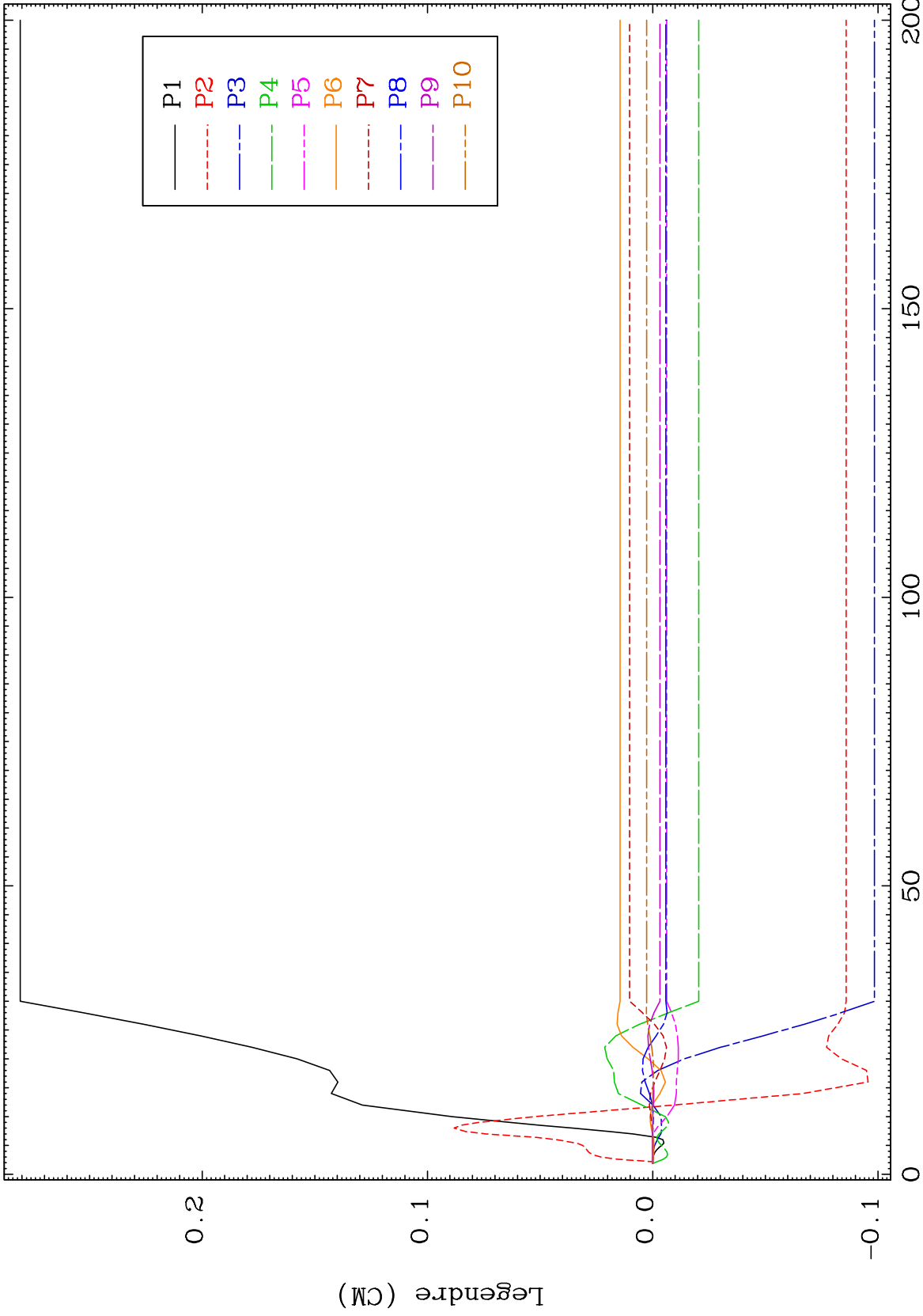
55



MAT 3610

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

36-Kr-73



56

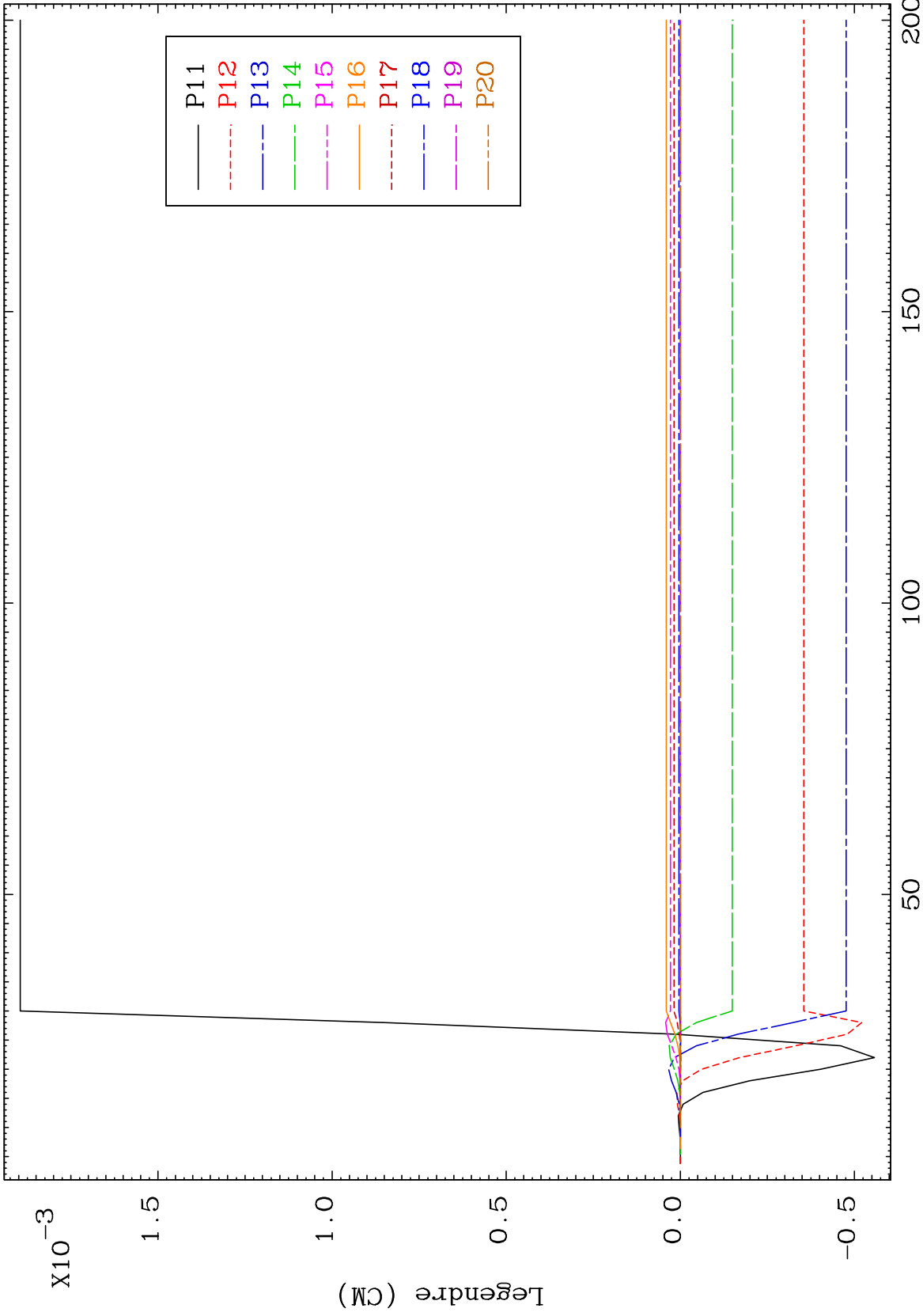
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



57

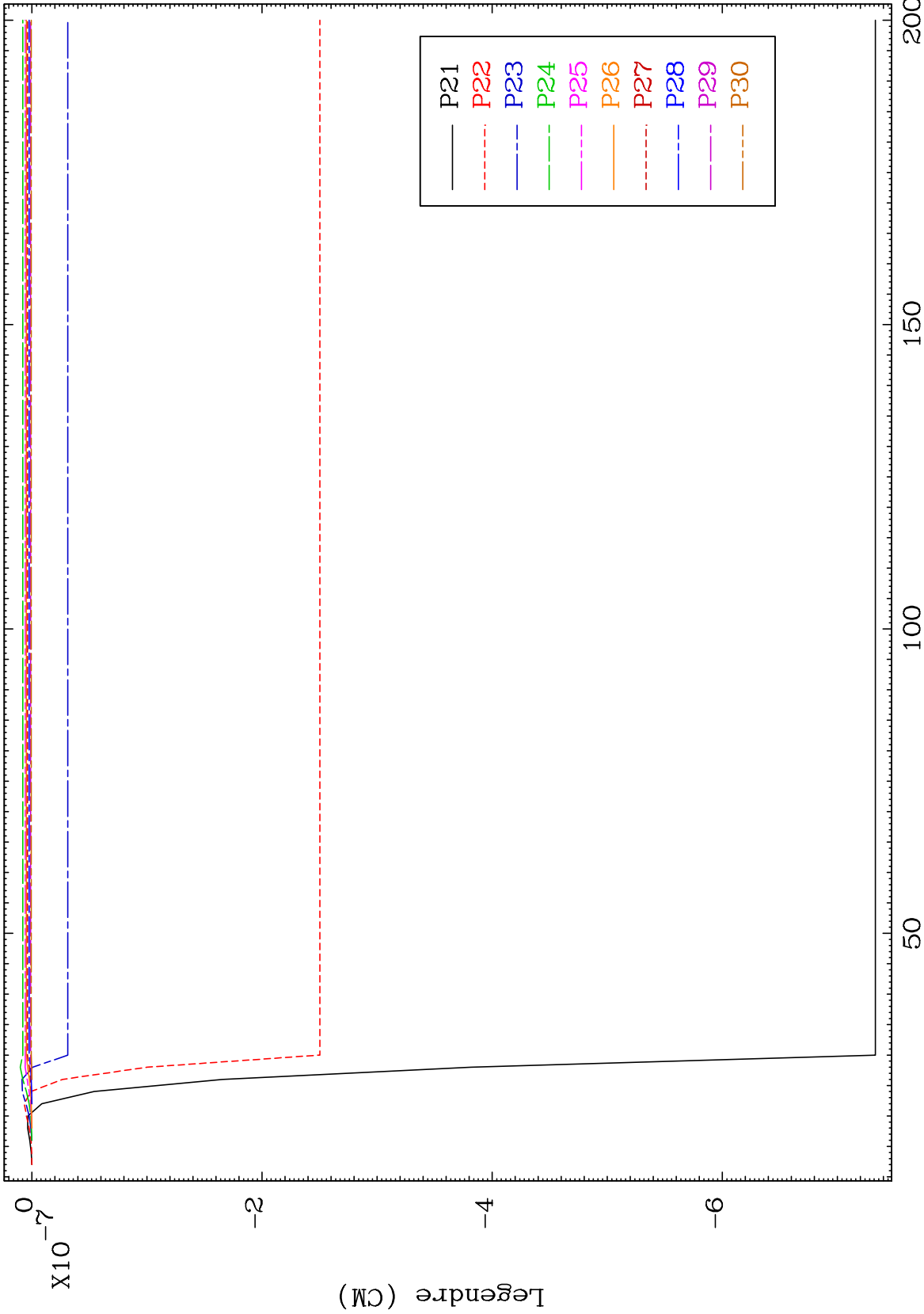
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



36-Kr-73

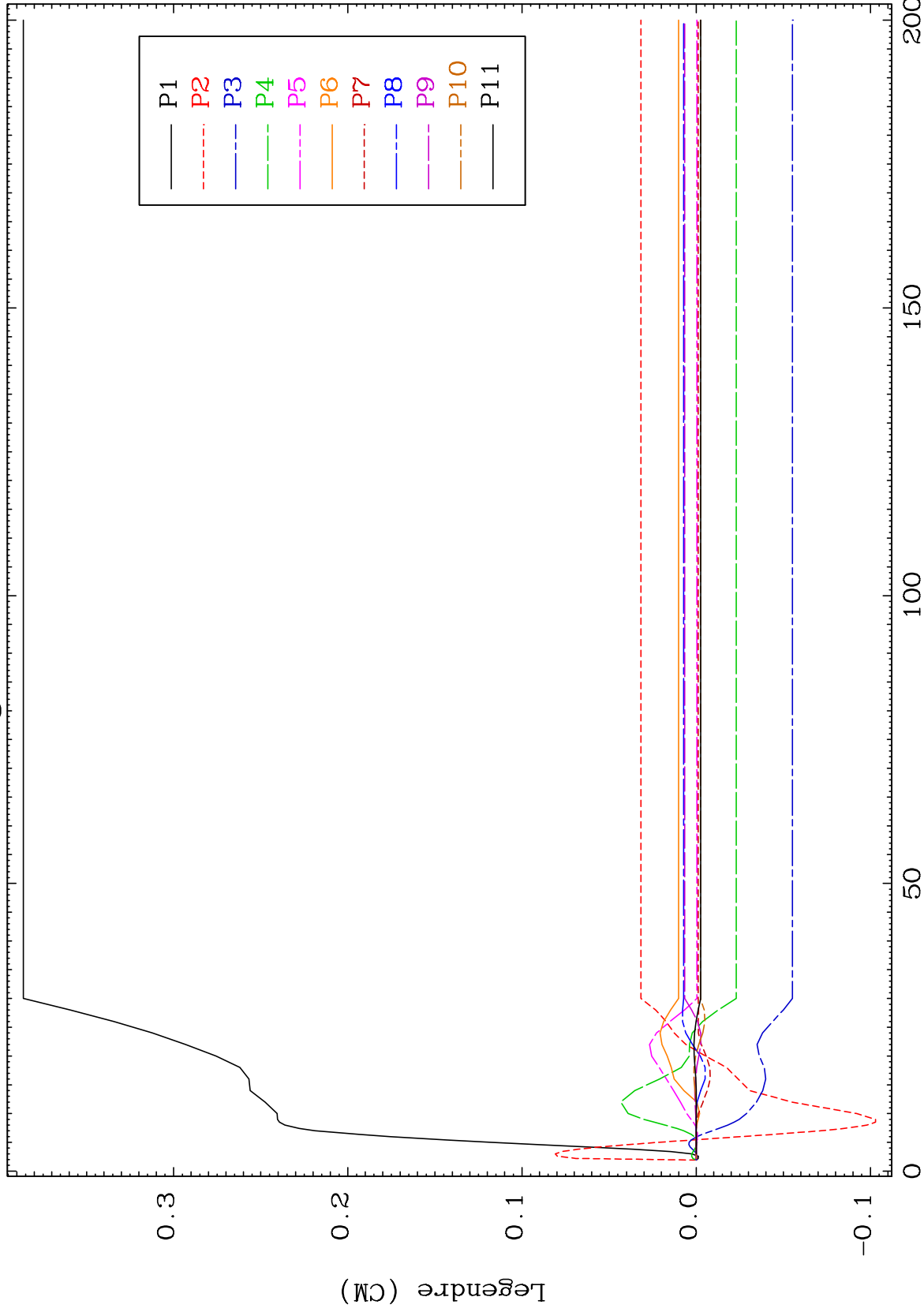
Incident Energy (MeV)

58

MAT 3610

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

36-Kr-73



59

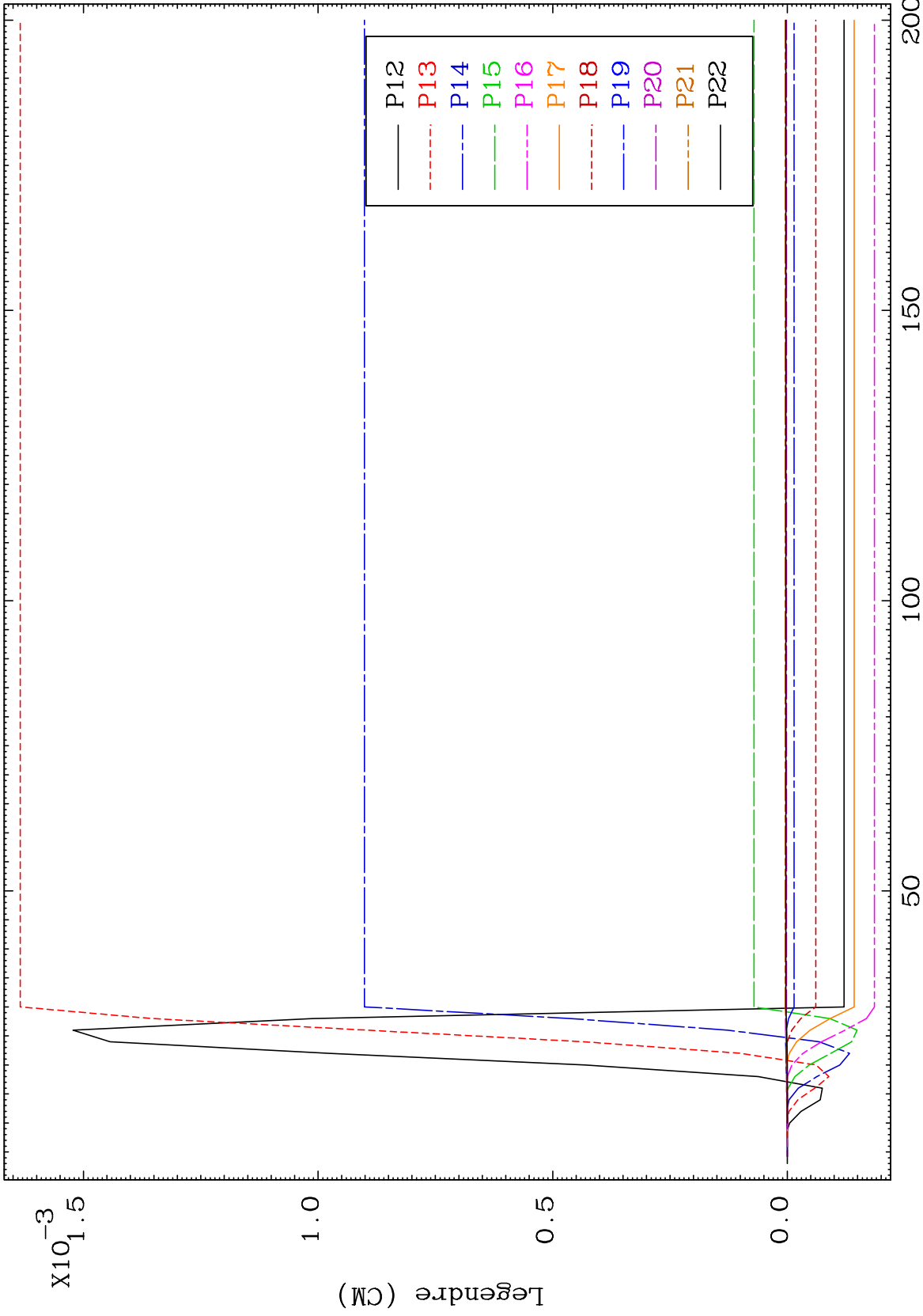
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



60

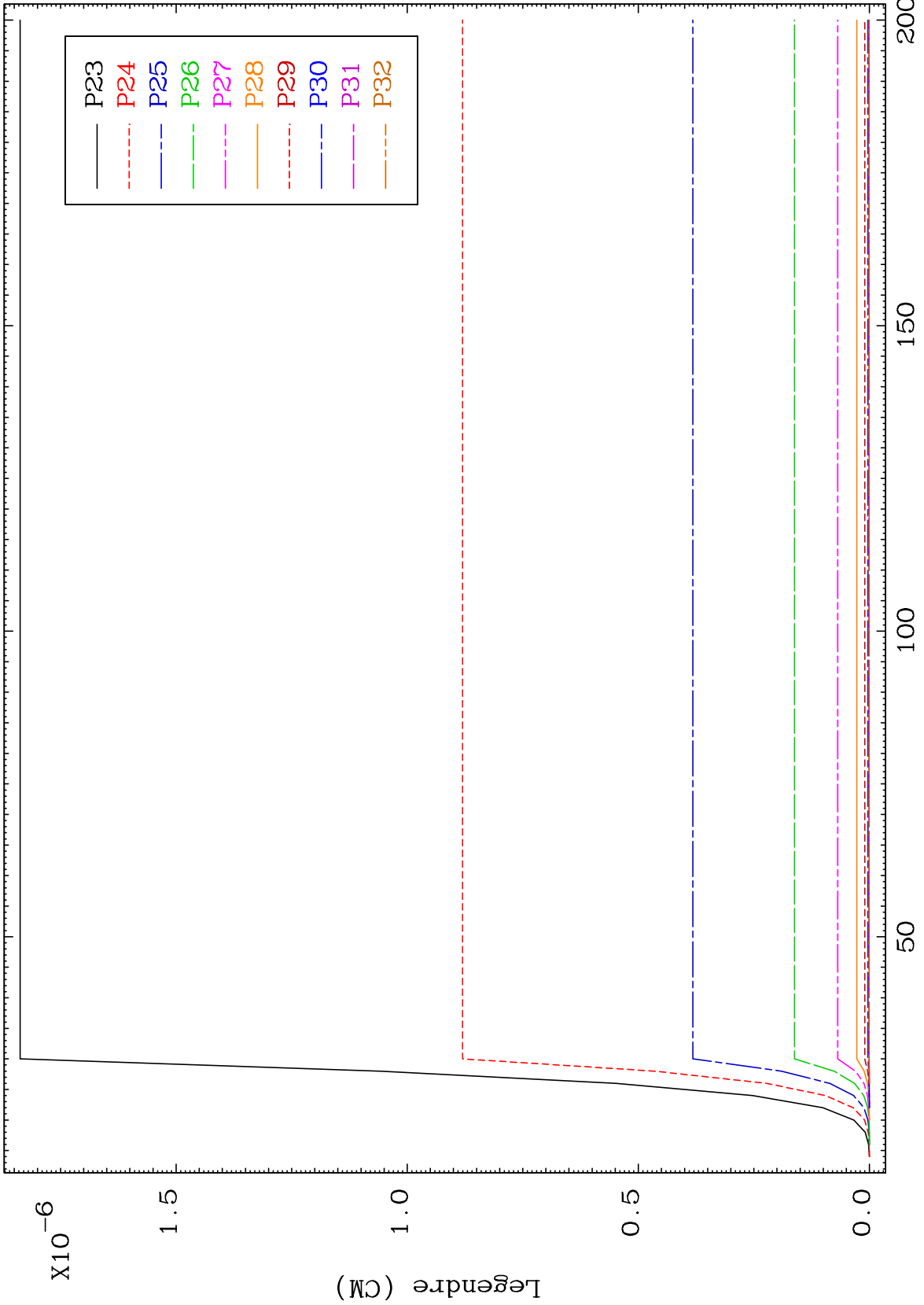
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



61

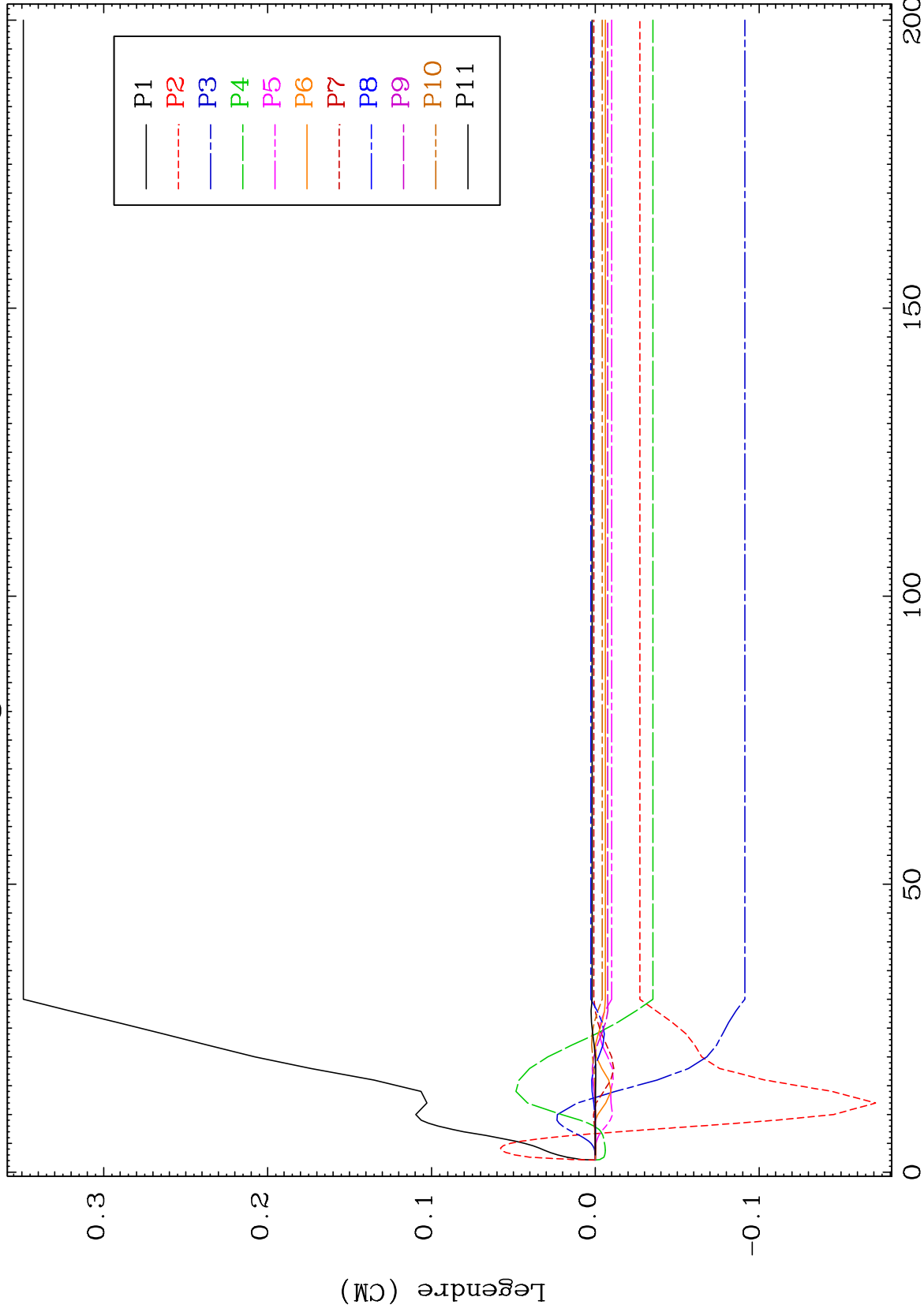
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



62

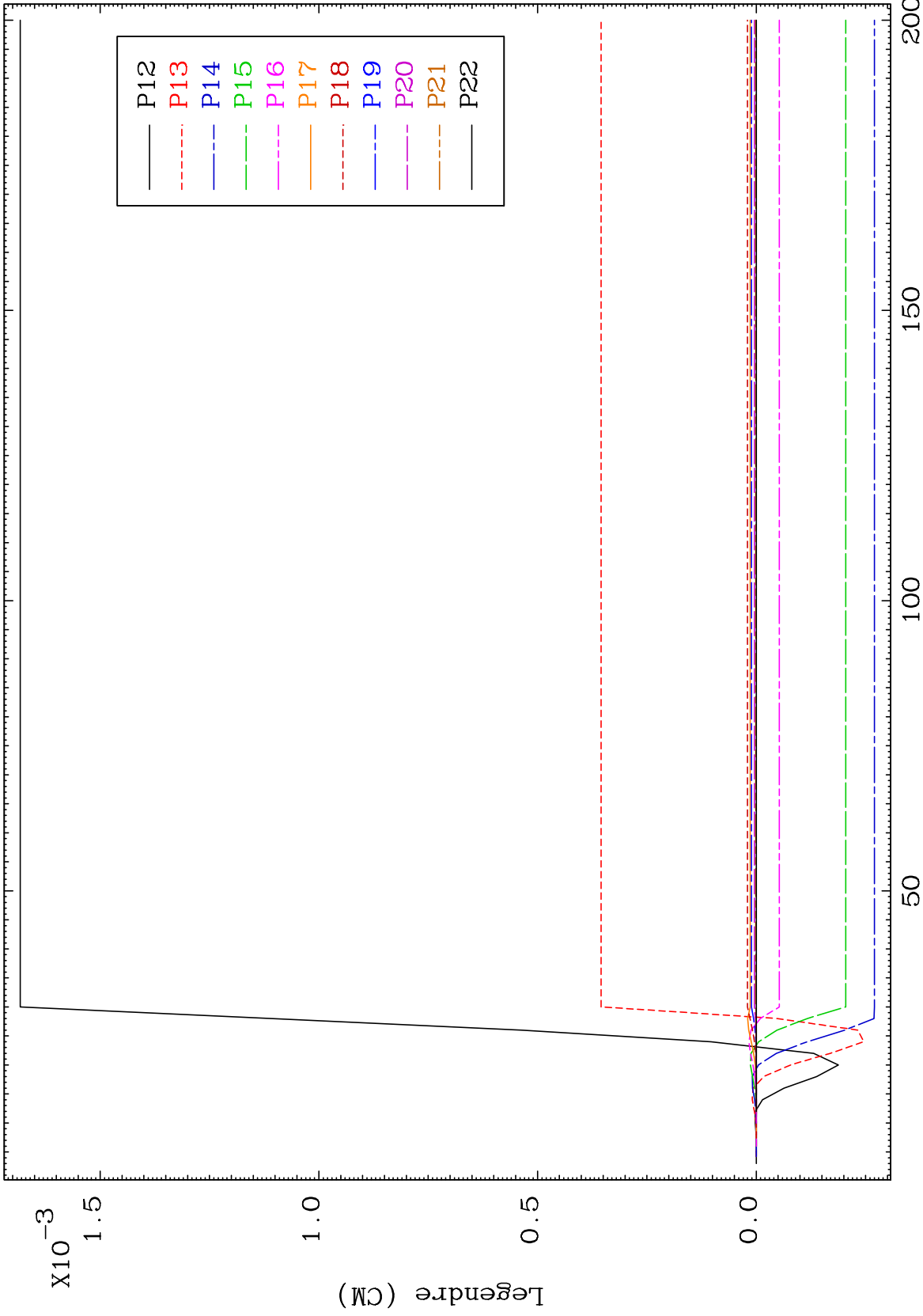
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



63

Incident Energy (MeV)

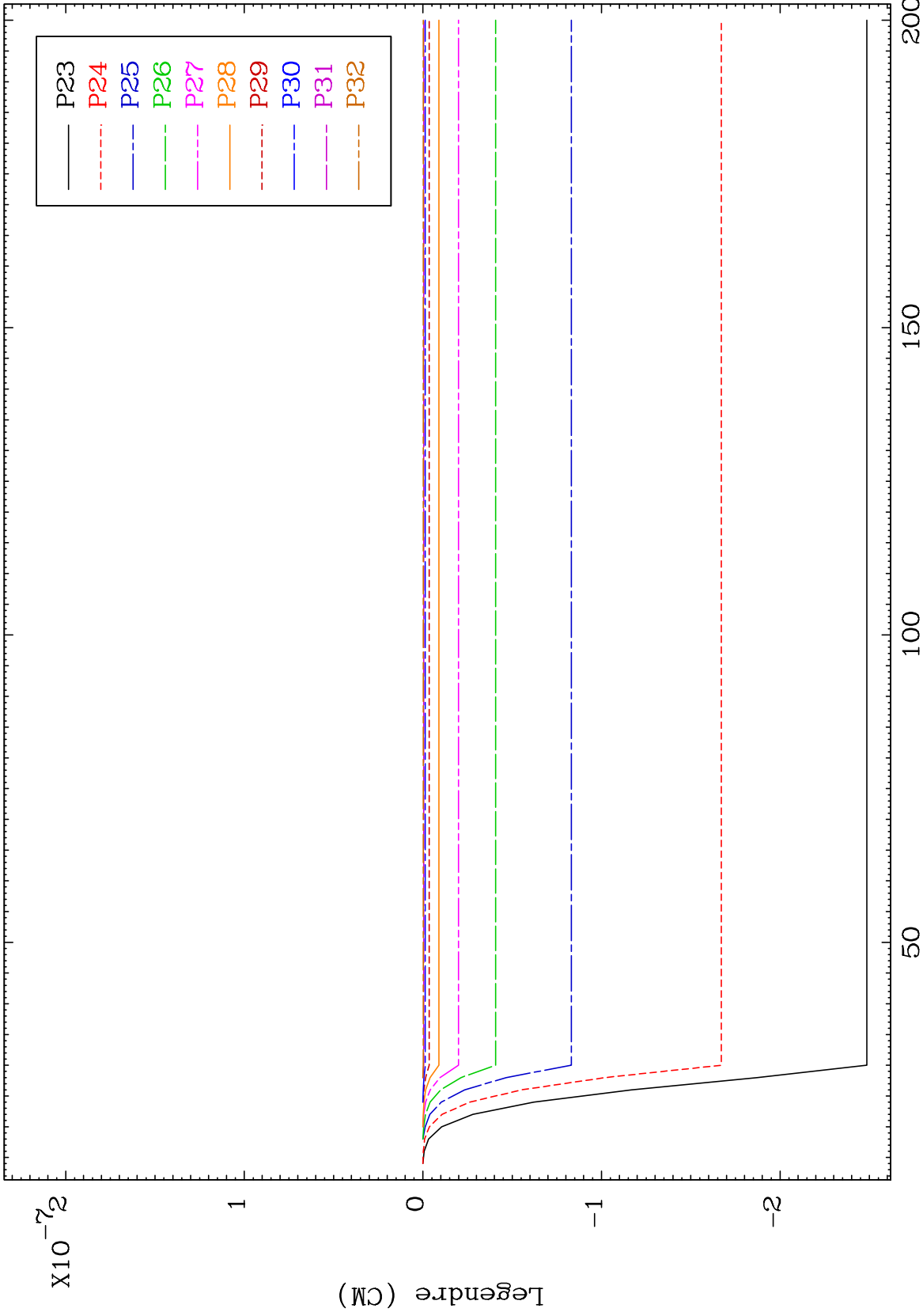
36-Kr-73



MAT 3610

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

36-Kr-73



64

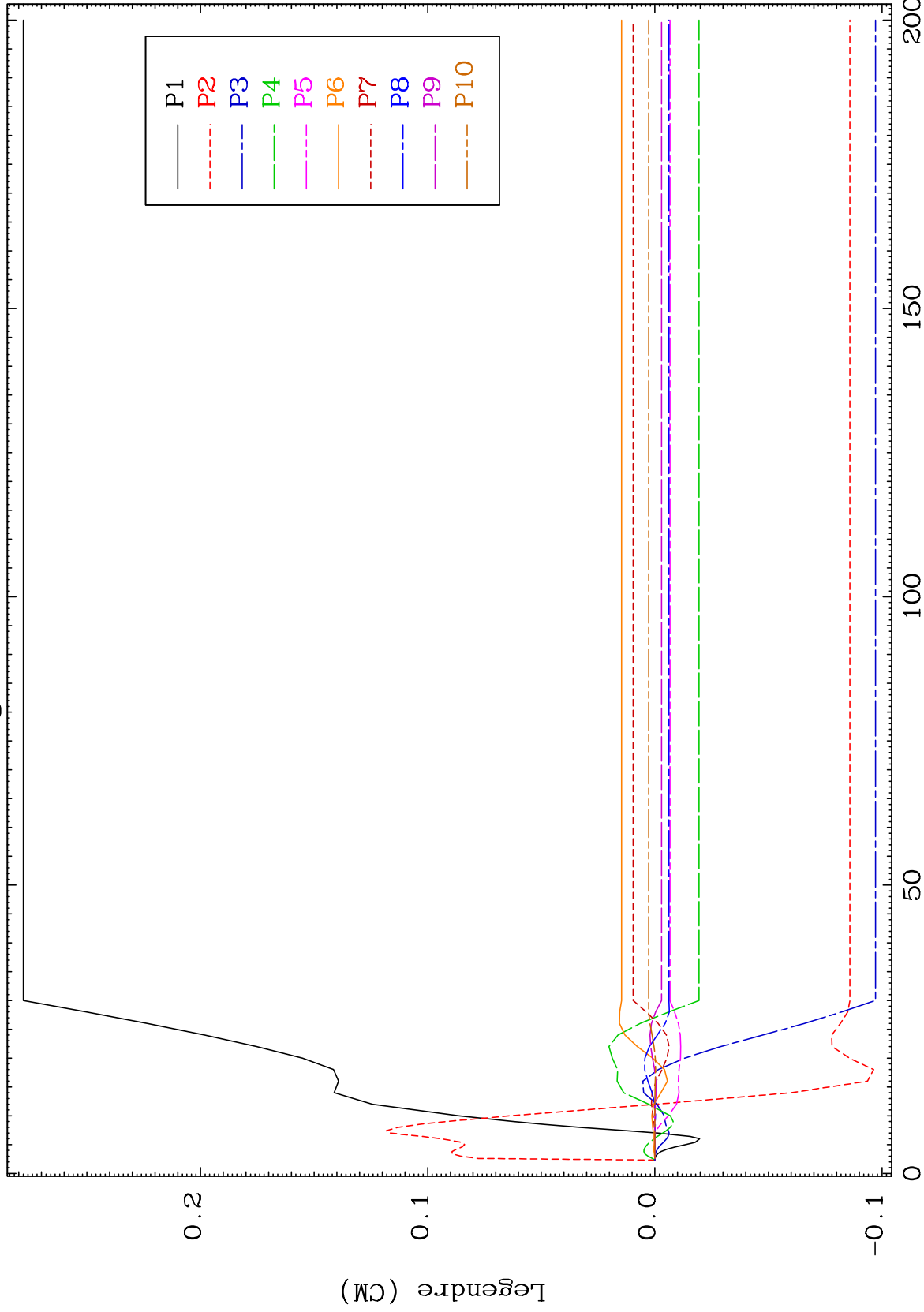
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



65

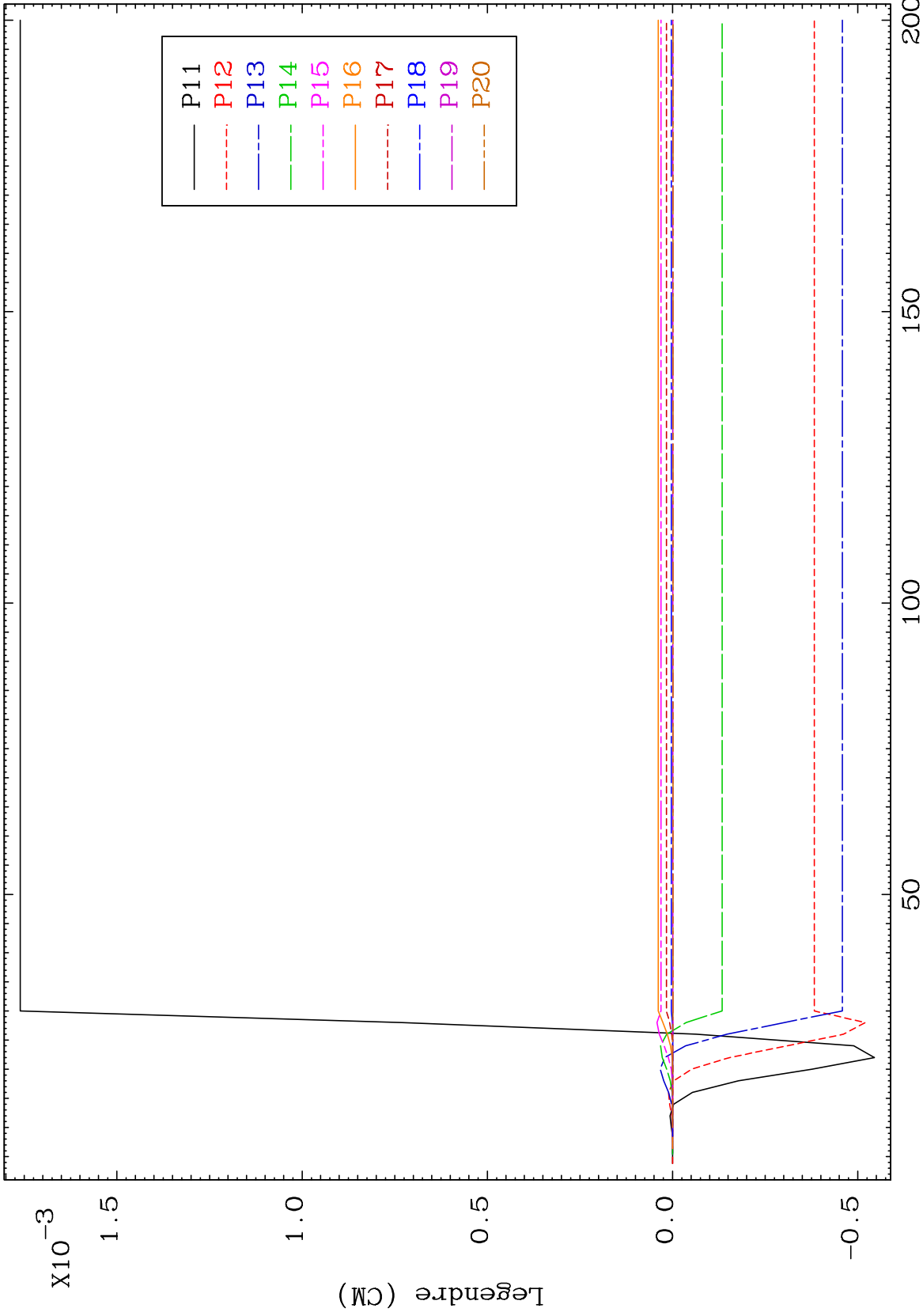
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



66

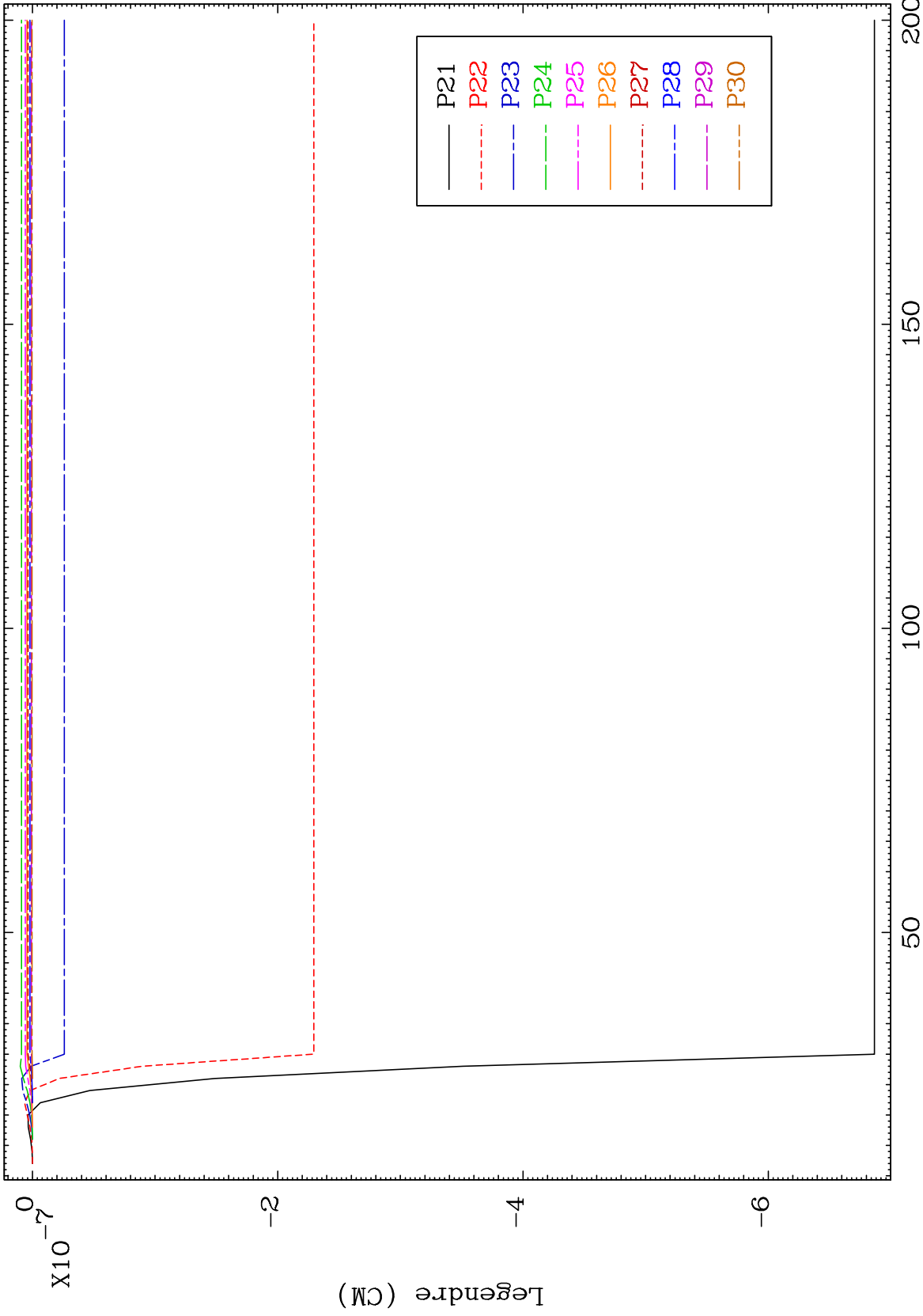
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



67

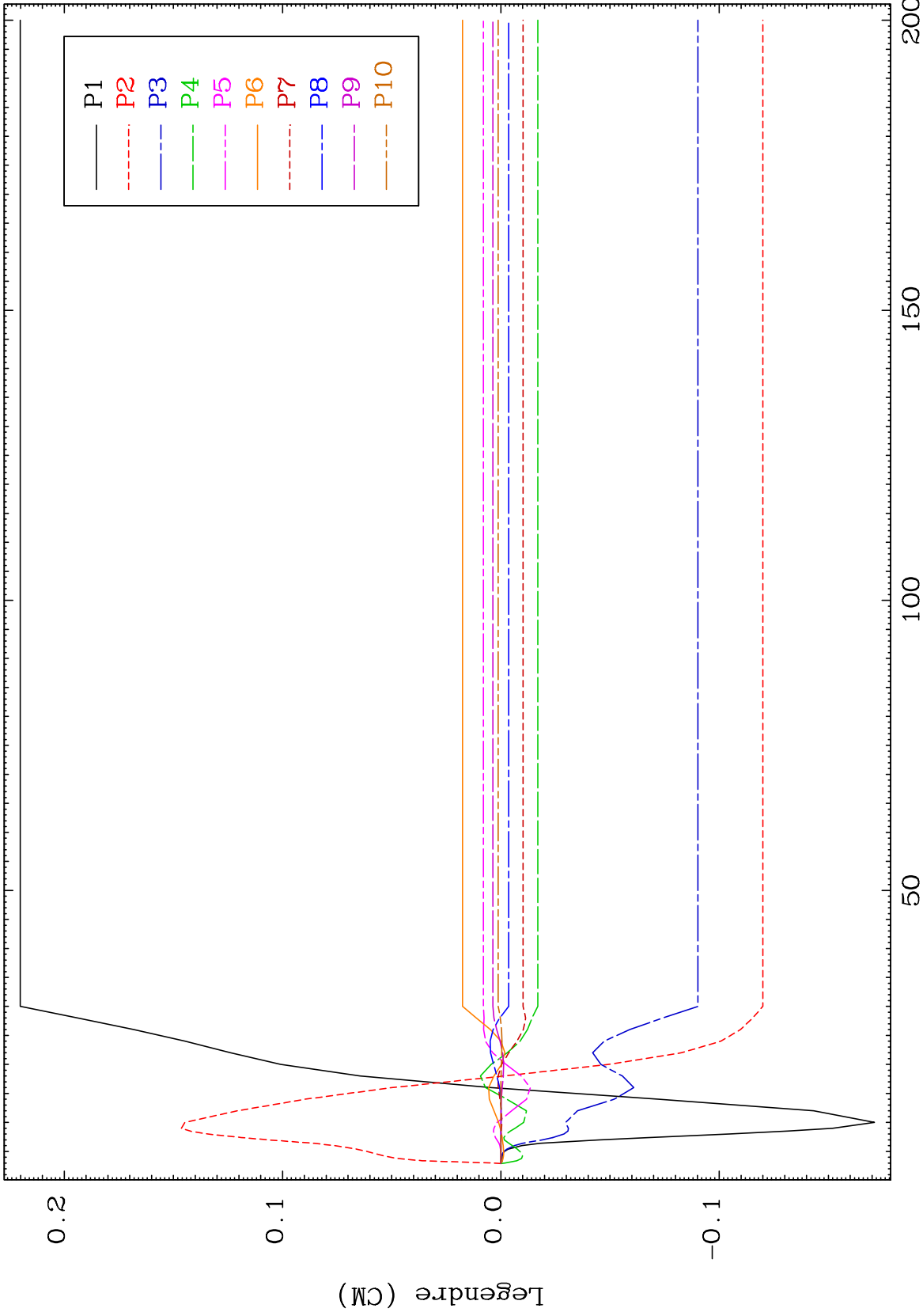
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



68

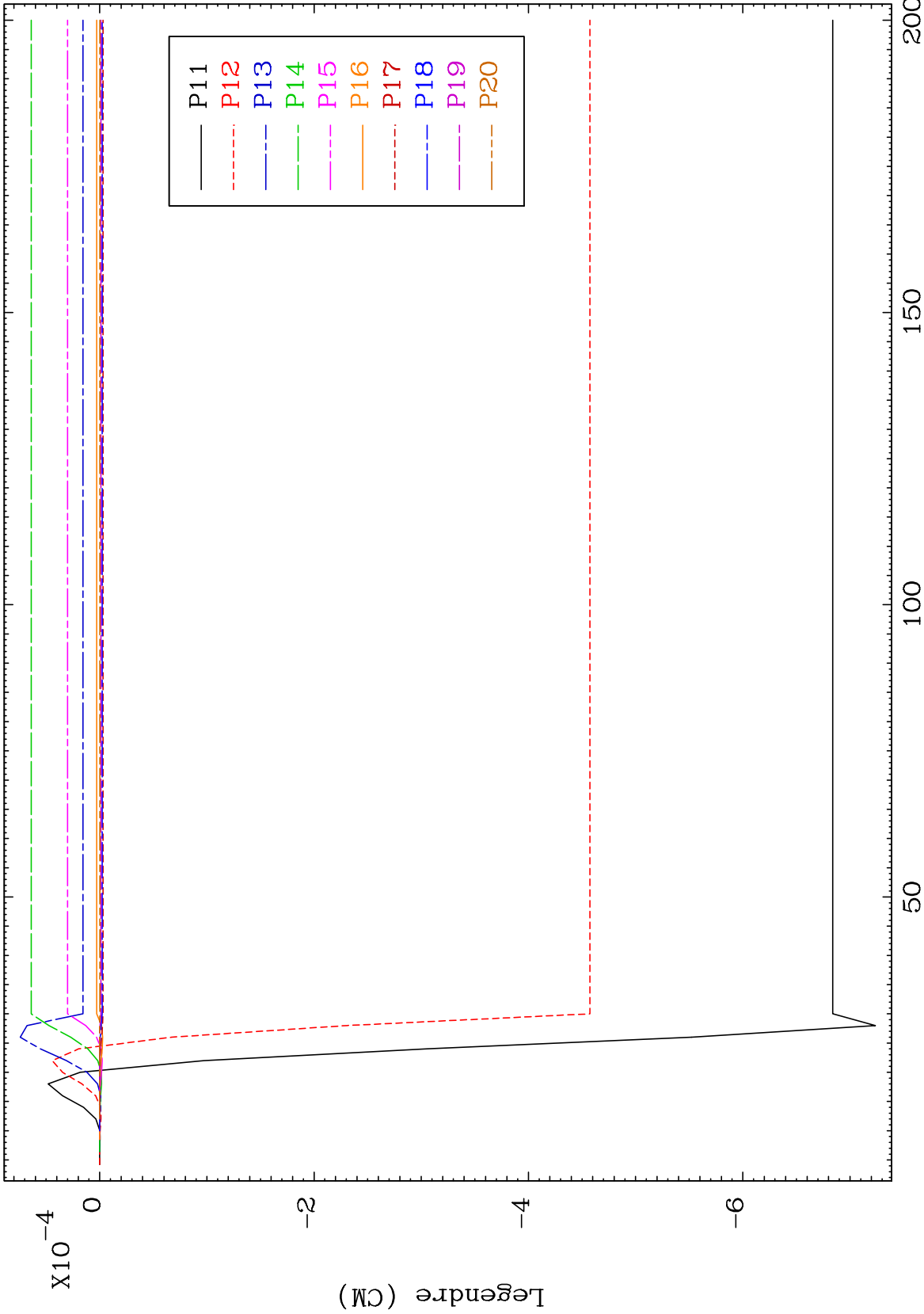
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



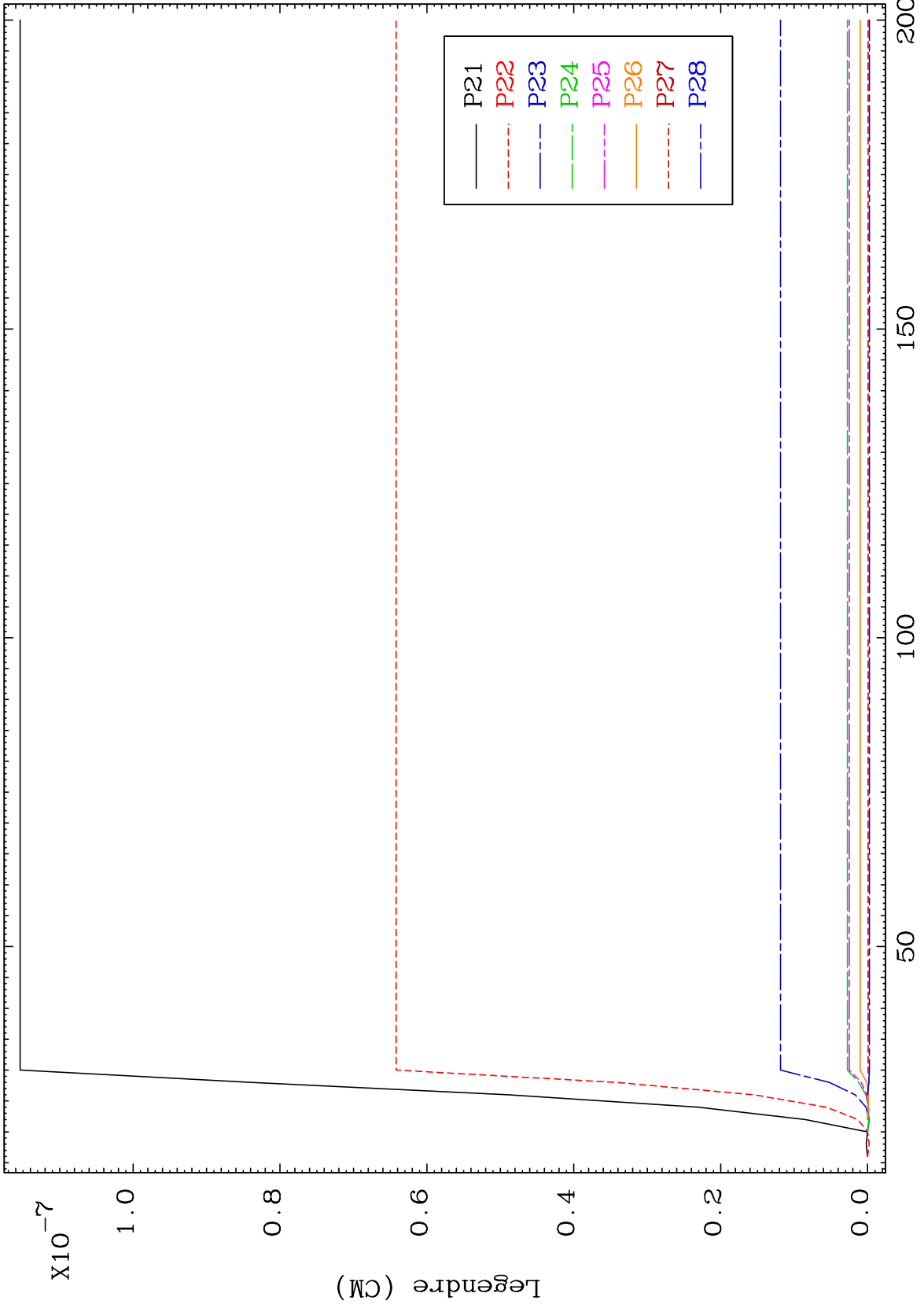
69

36-Kr-73

MAT 3610

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

36-Kr-73



70

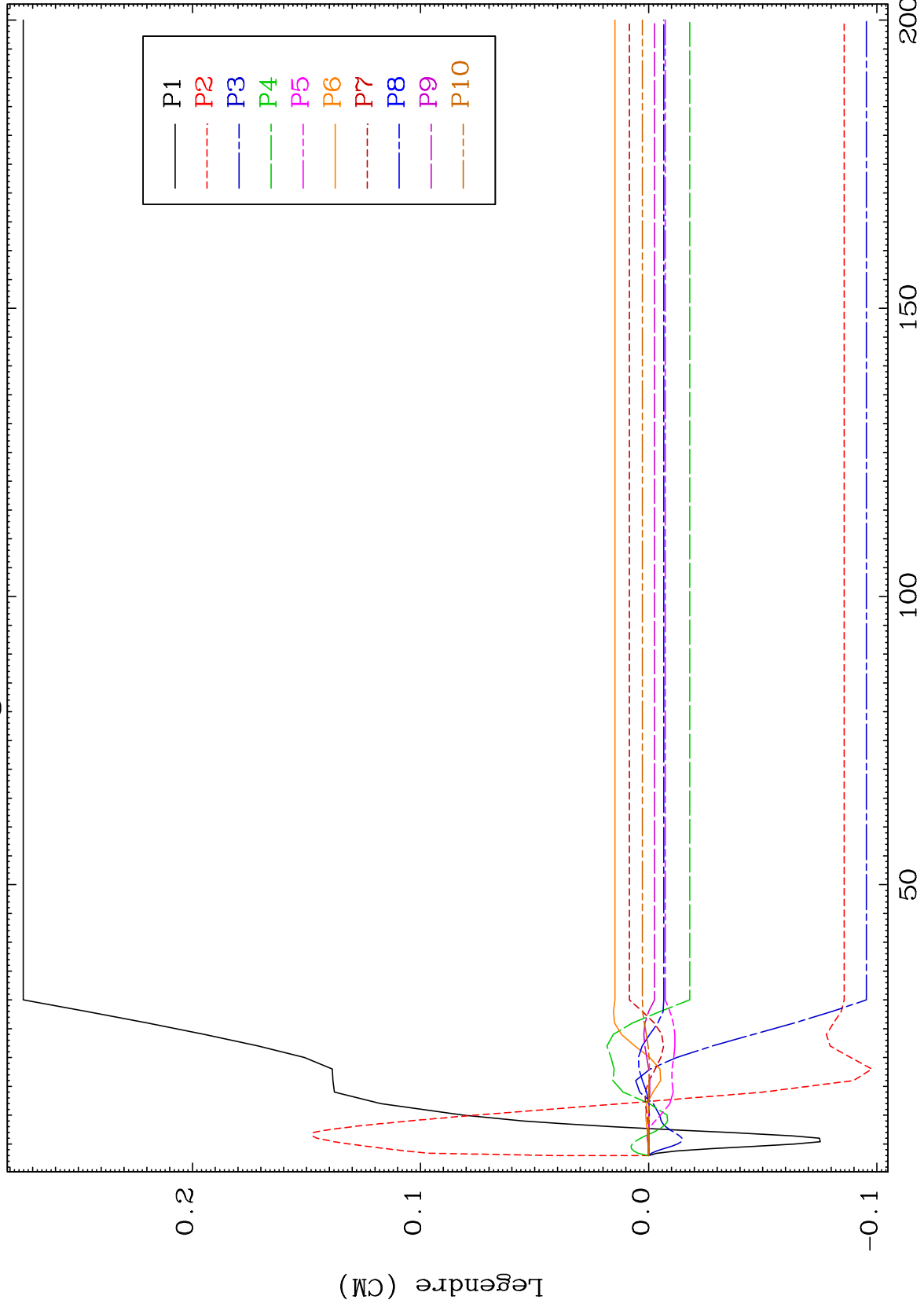
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



71

Incident Energy (MeV)

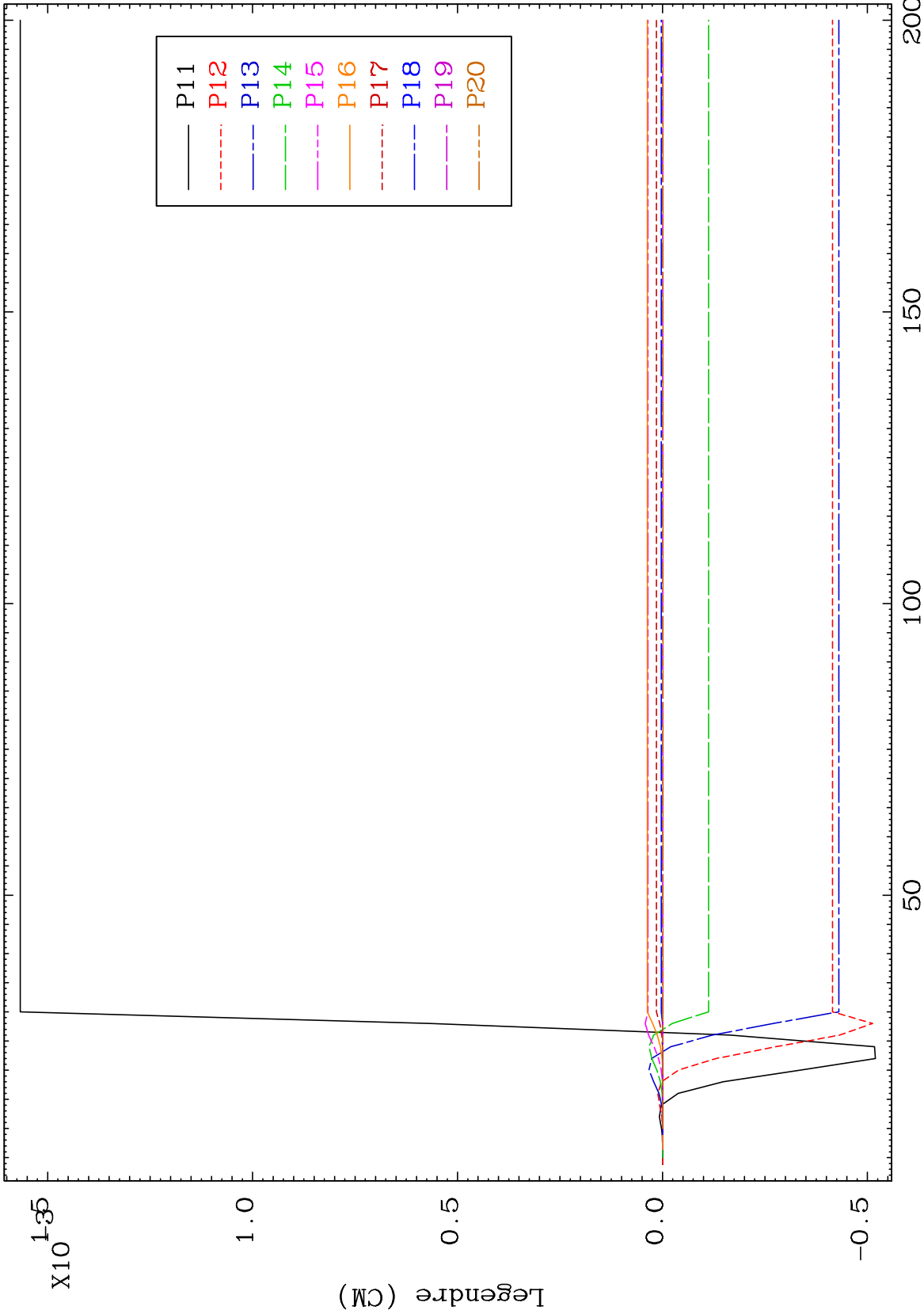
36-Kr-73



MAT 3610

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

36-Kr-73



72

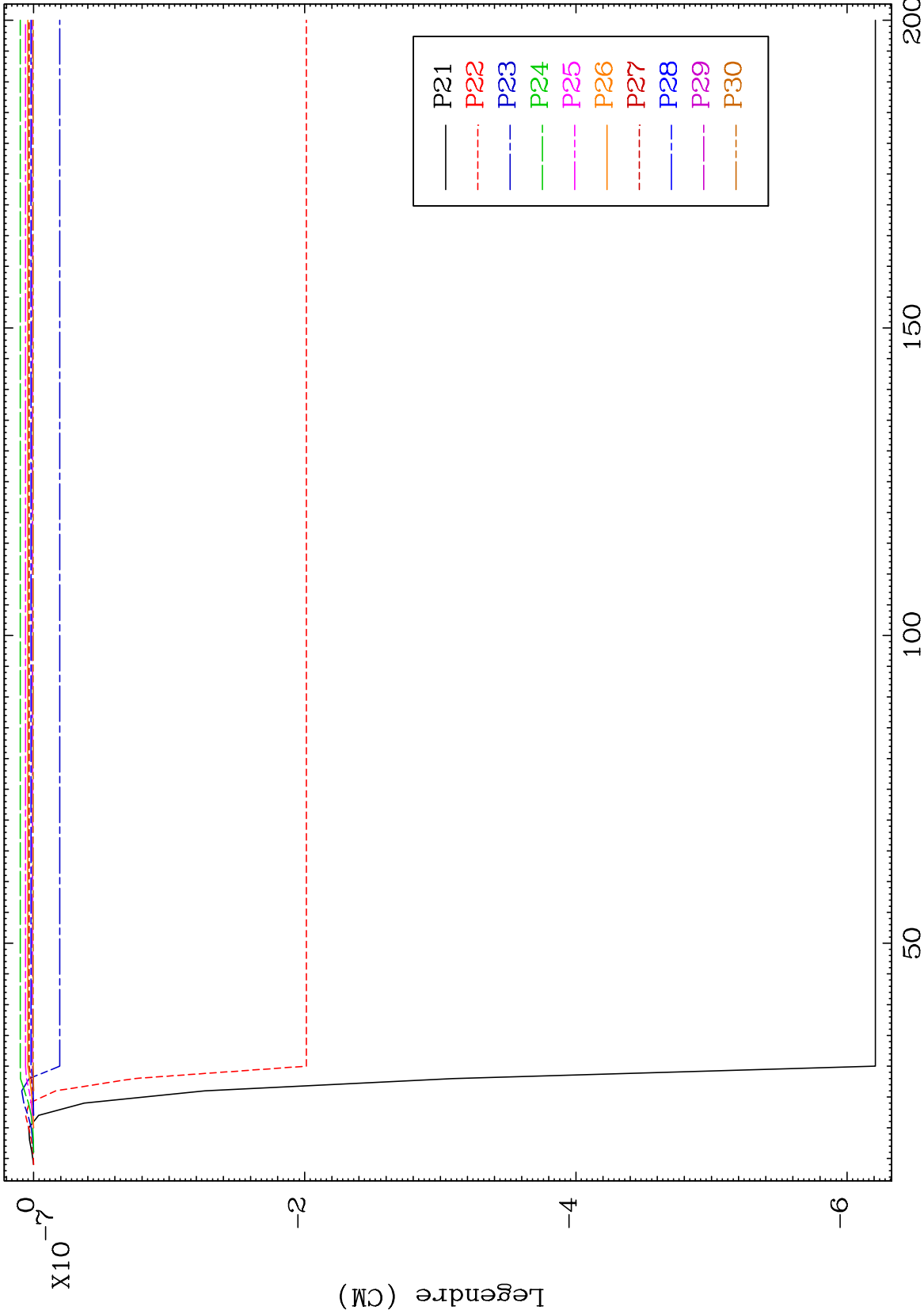
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



73

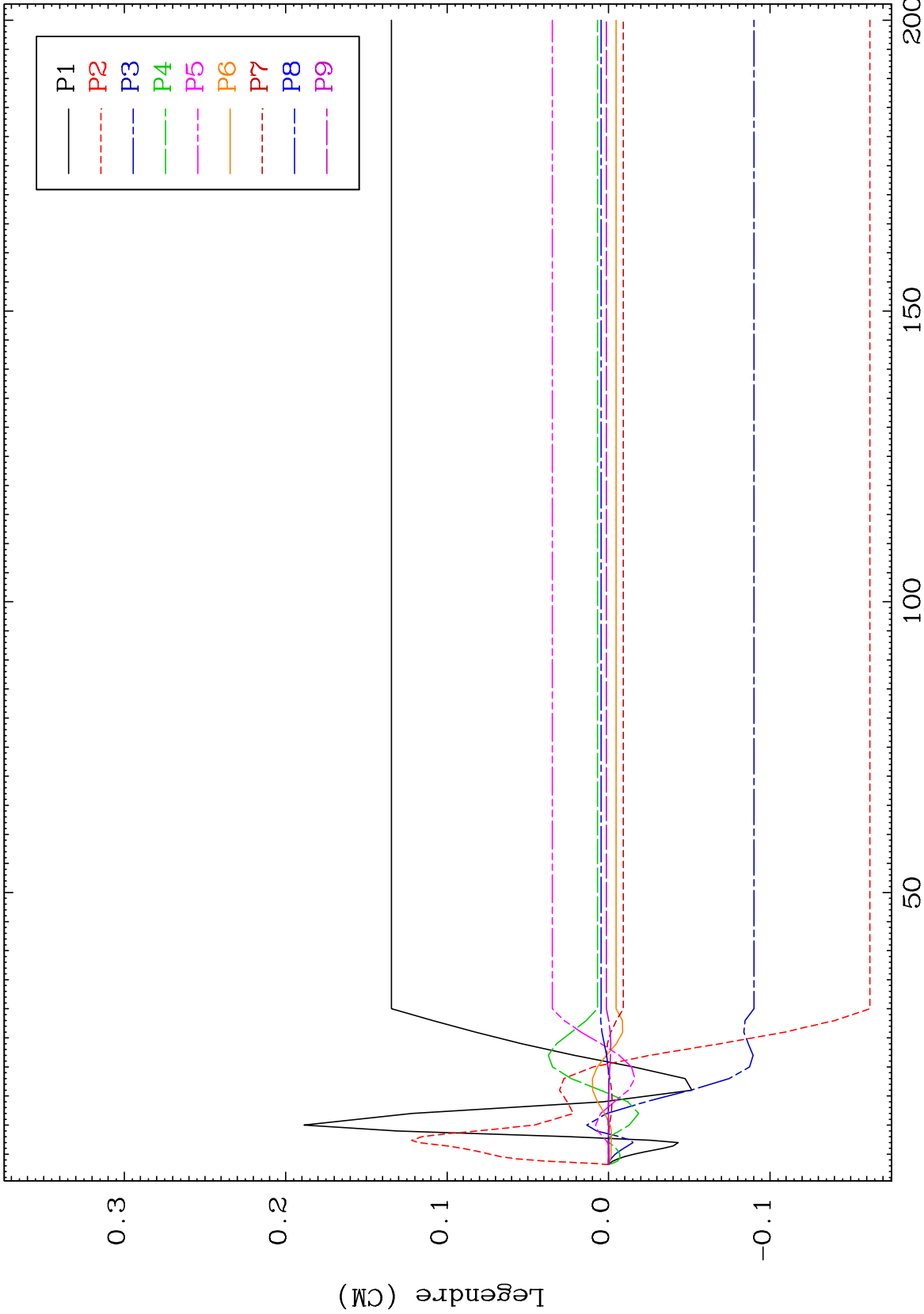
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



74

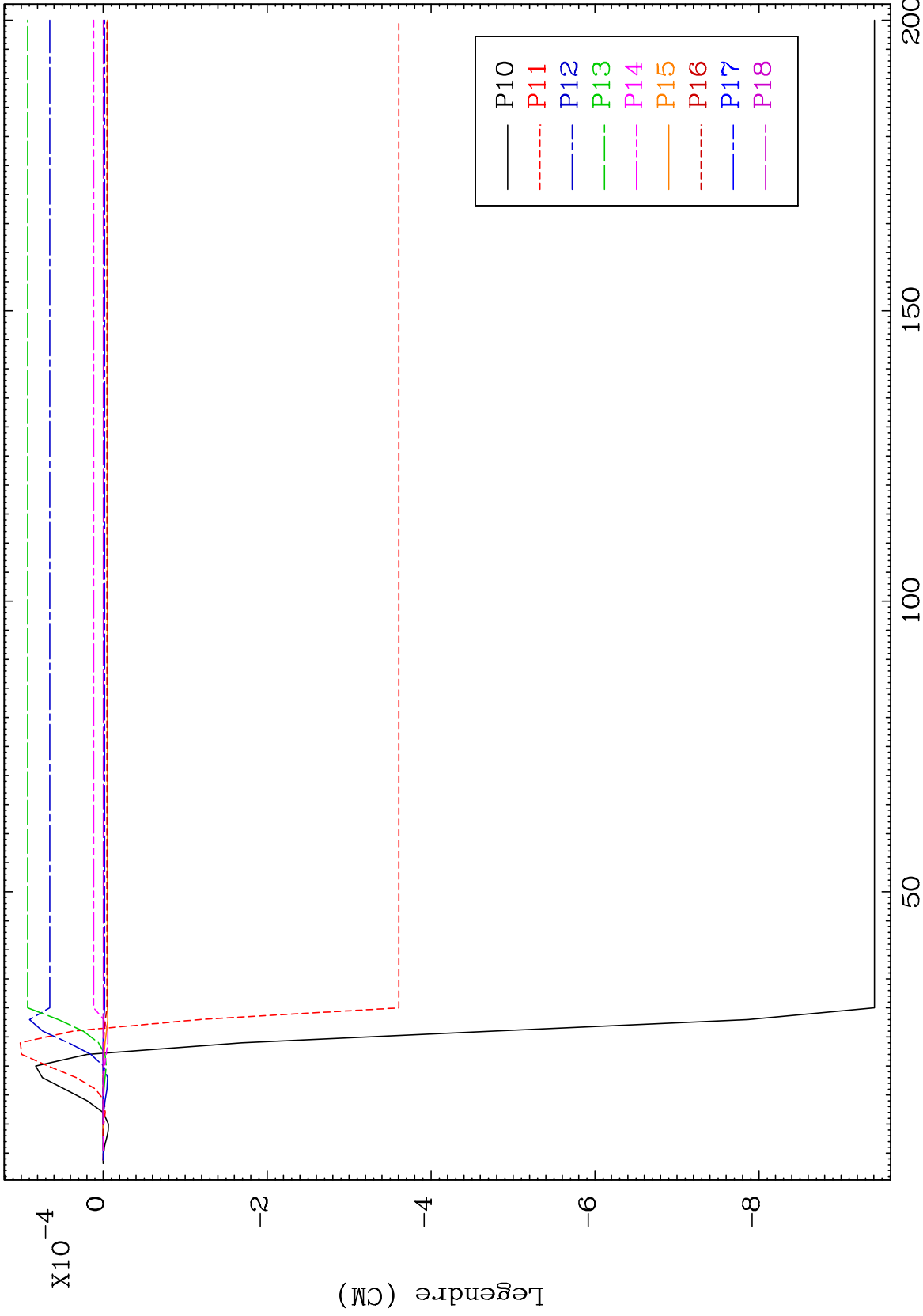
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



75

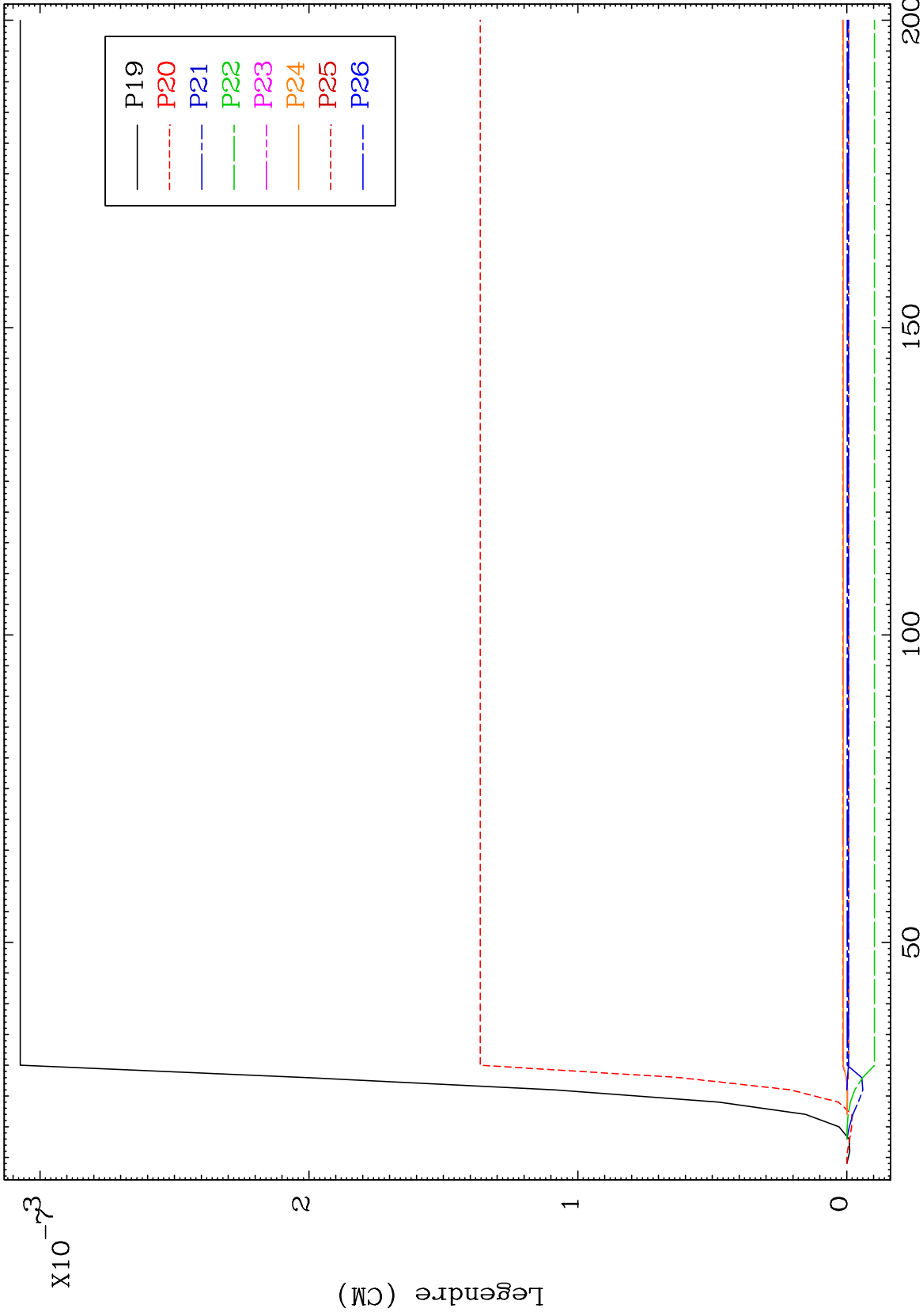
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



76

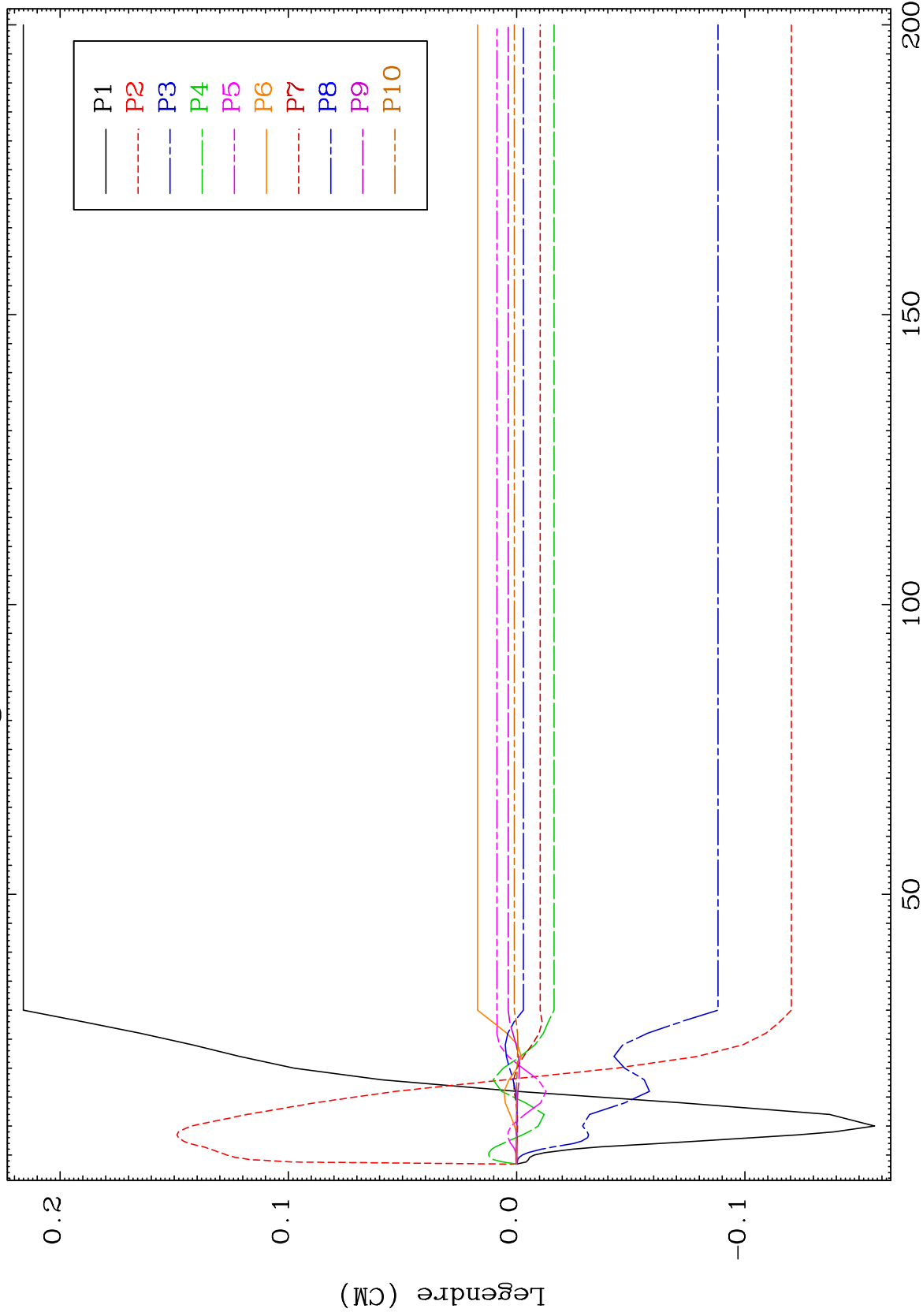
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



77

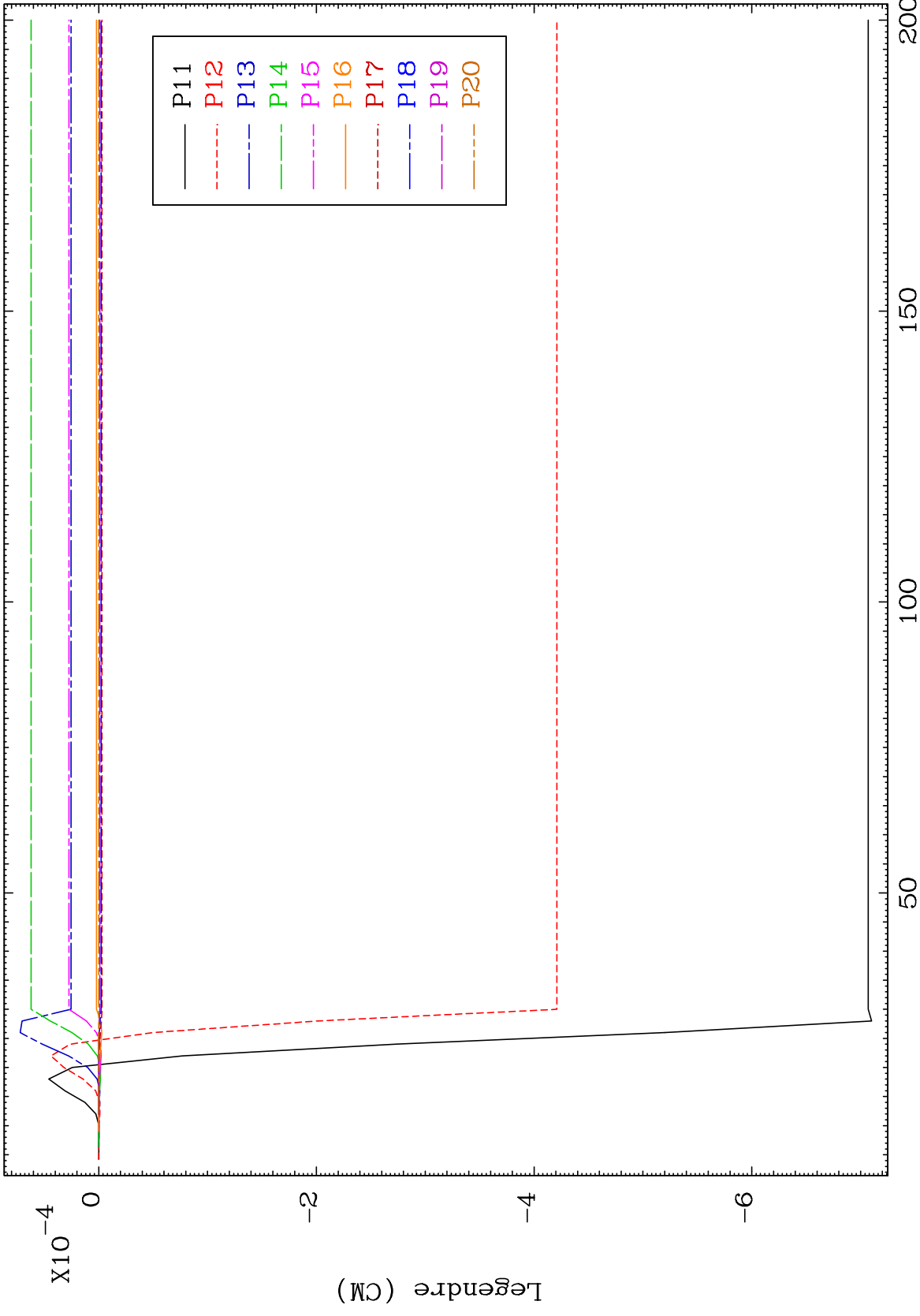
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



78

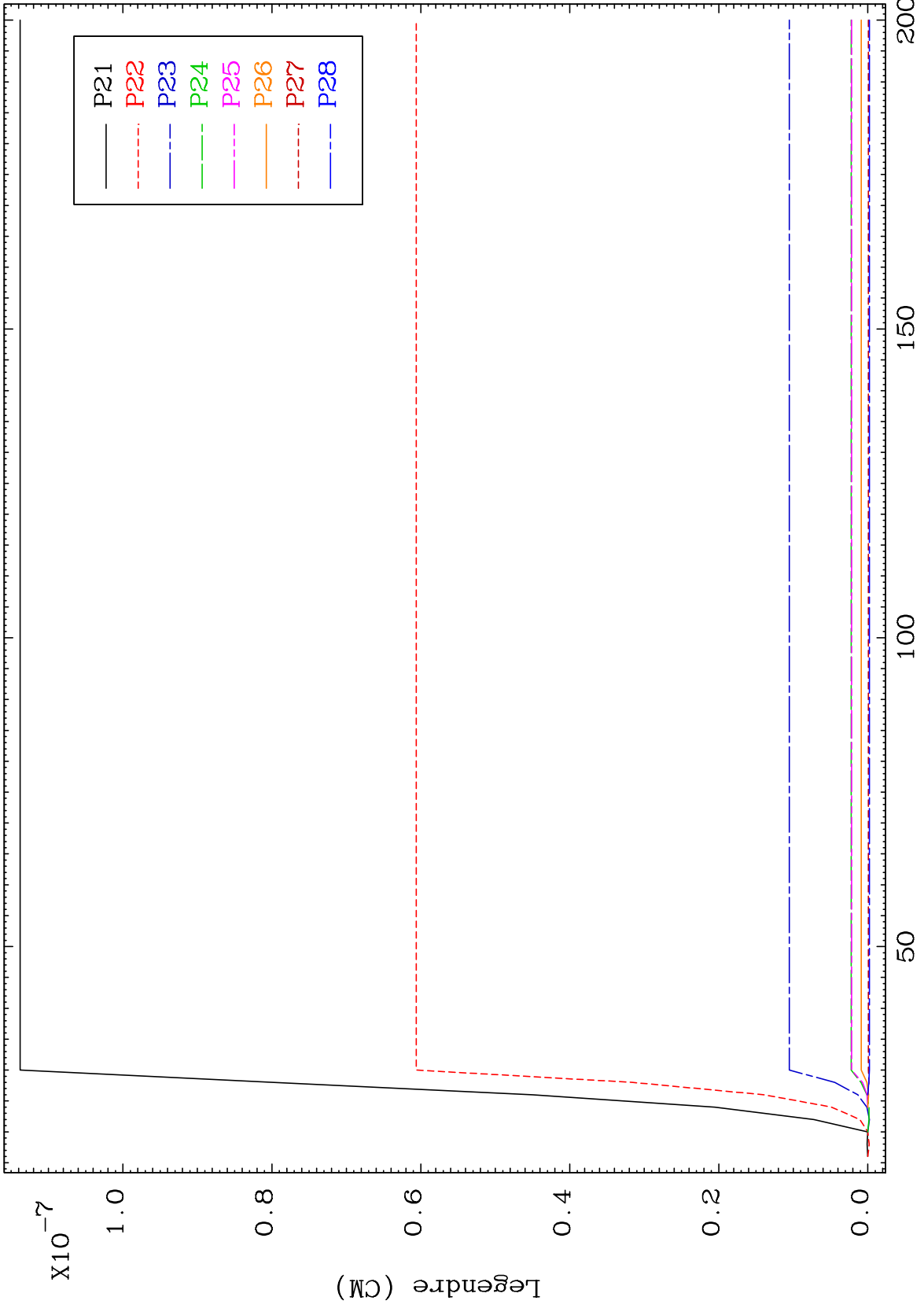
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



79

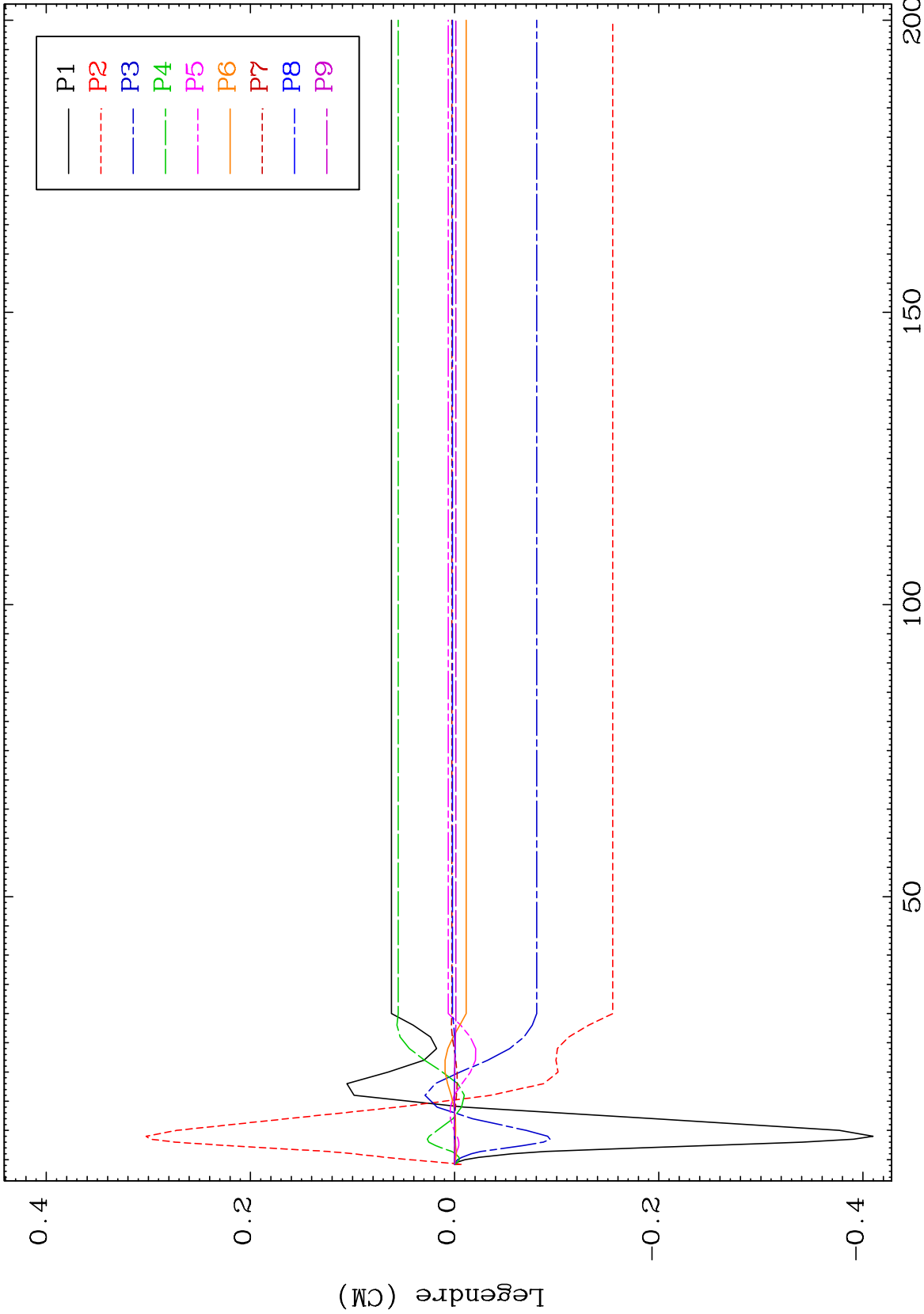
36-Kr-73



MAT 3610

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

36-Kr-73



80

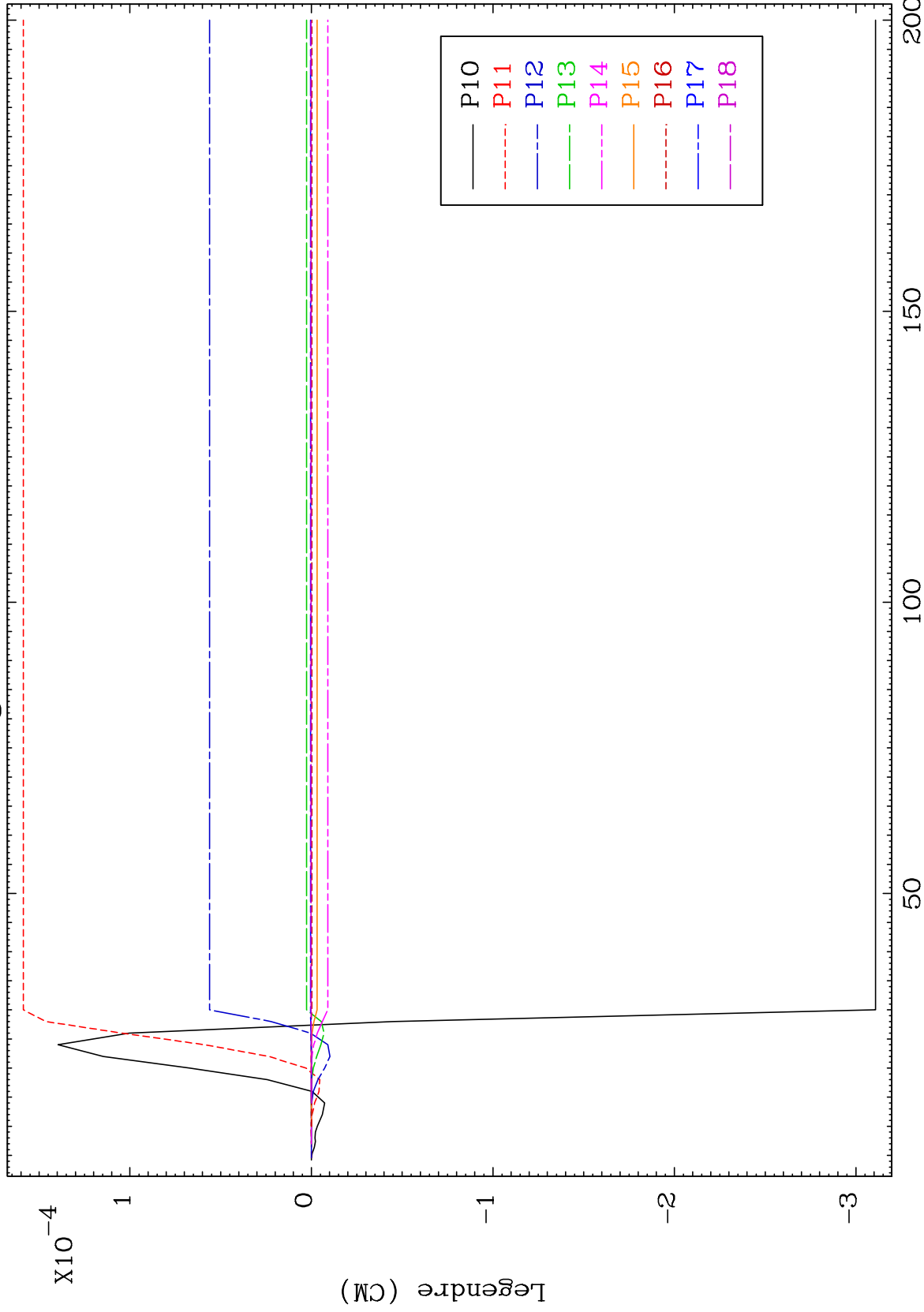
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



81

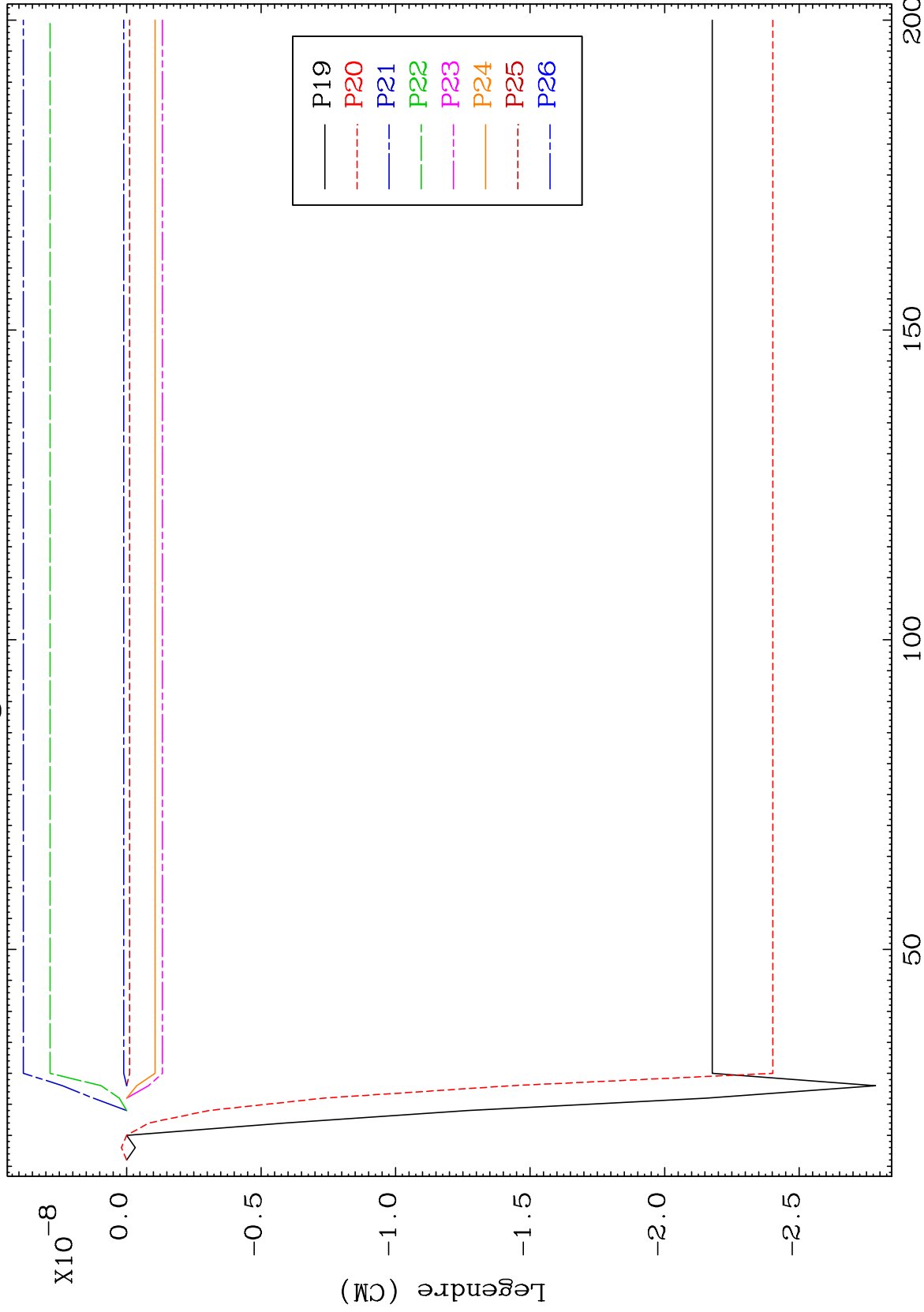
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



82

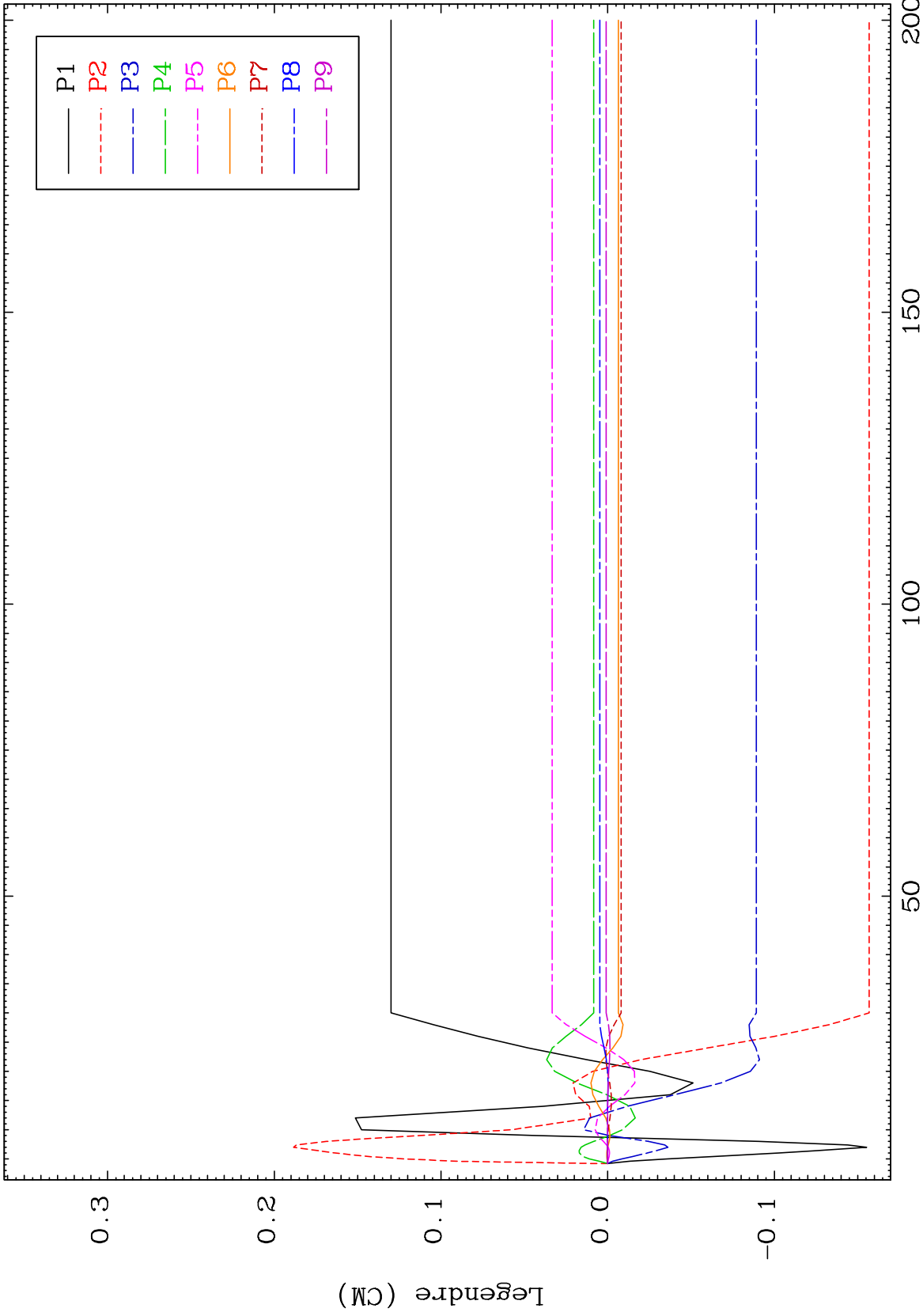
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



83

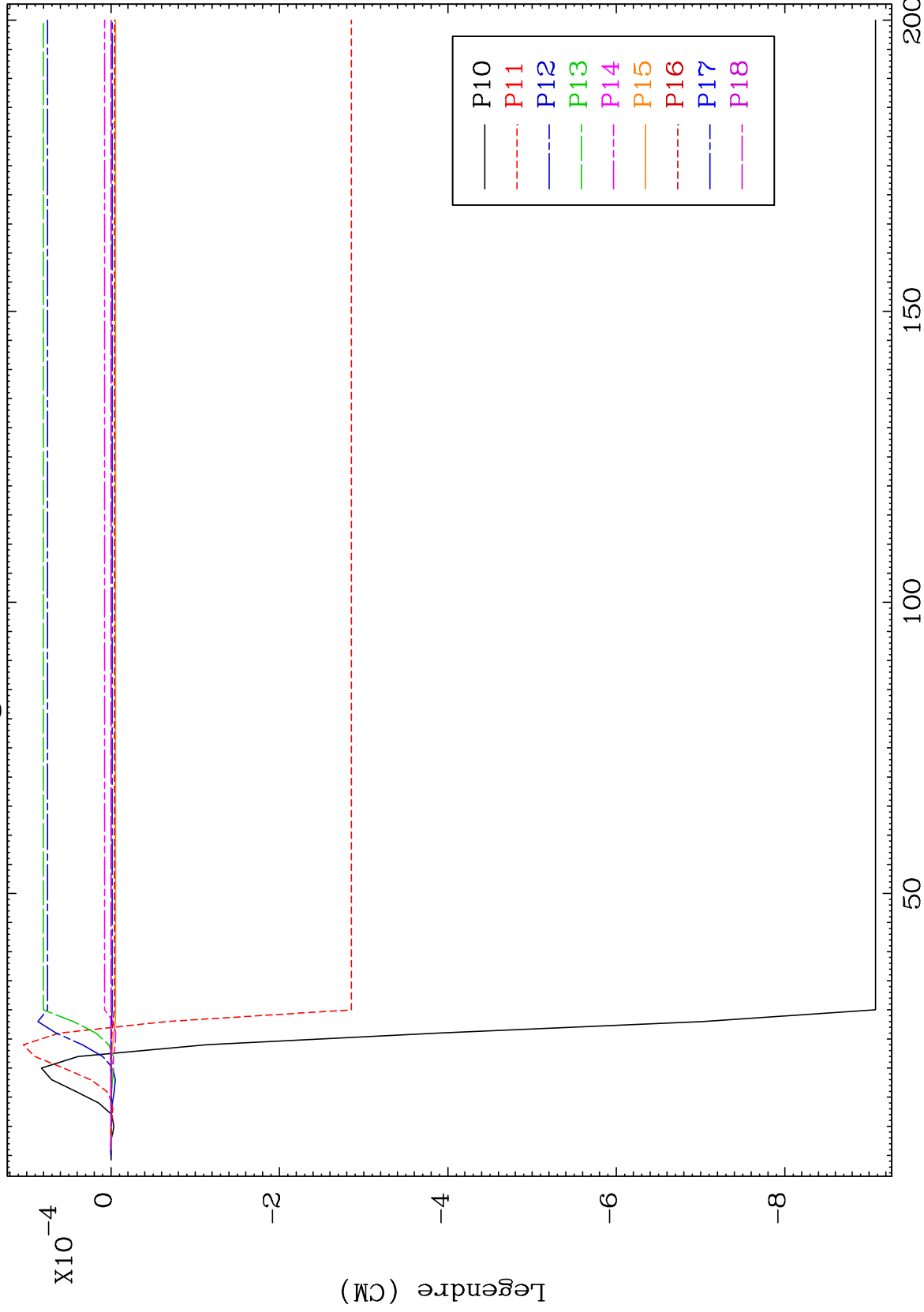
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



84

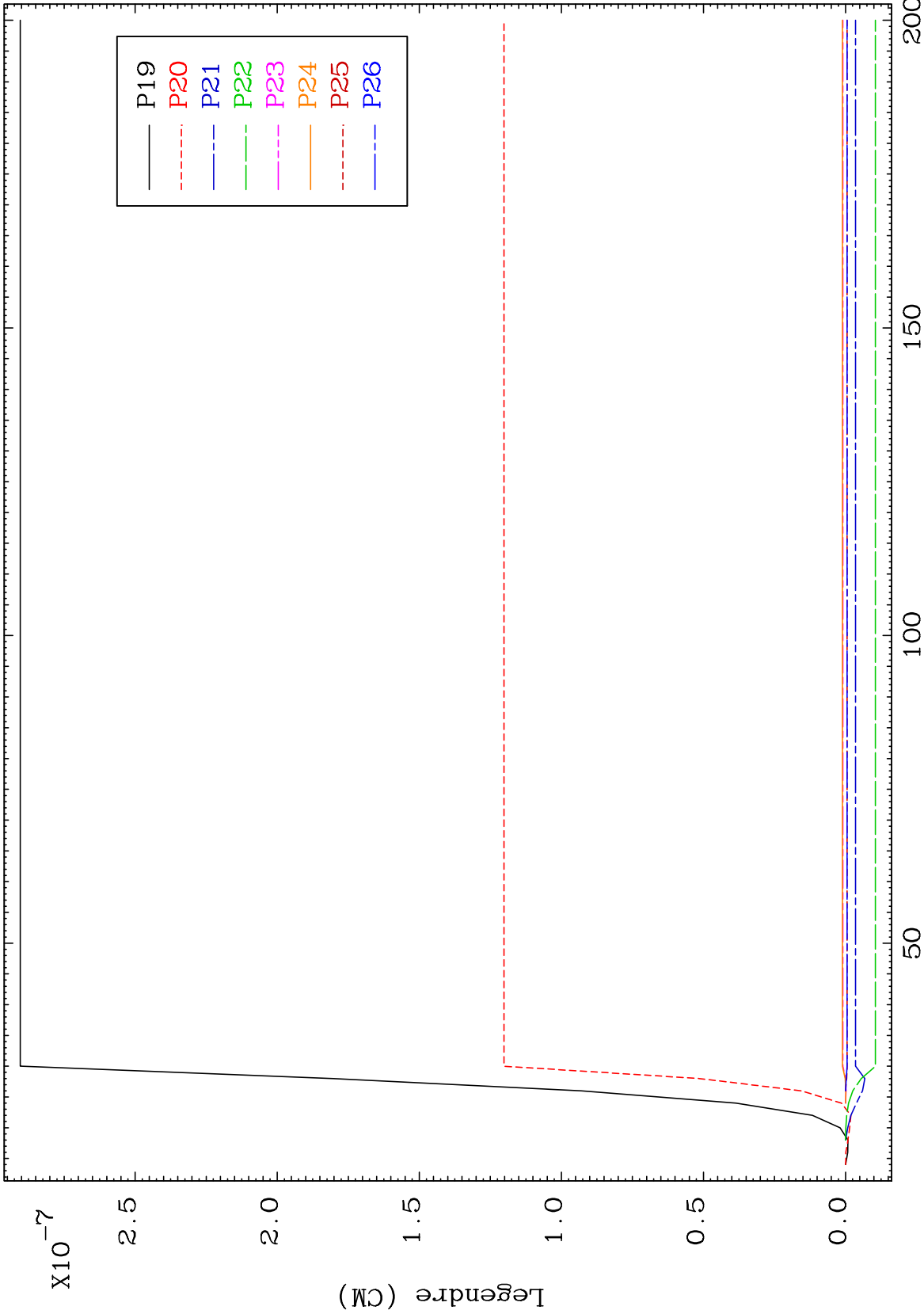
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73

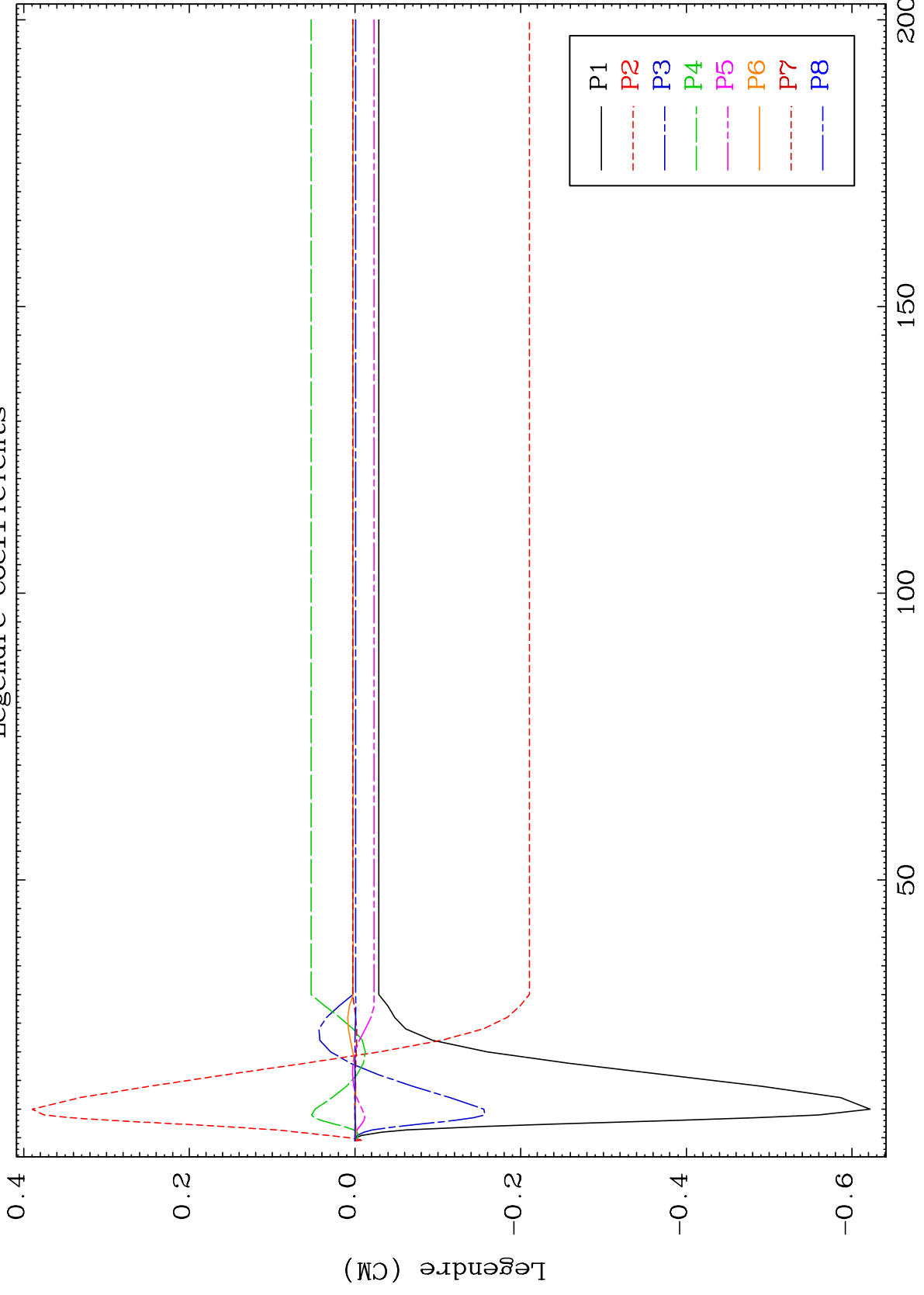


85

Incident Energy (MeV)

36-Kr-73

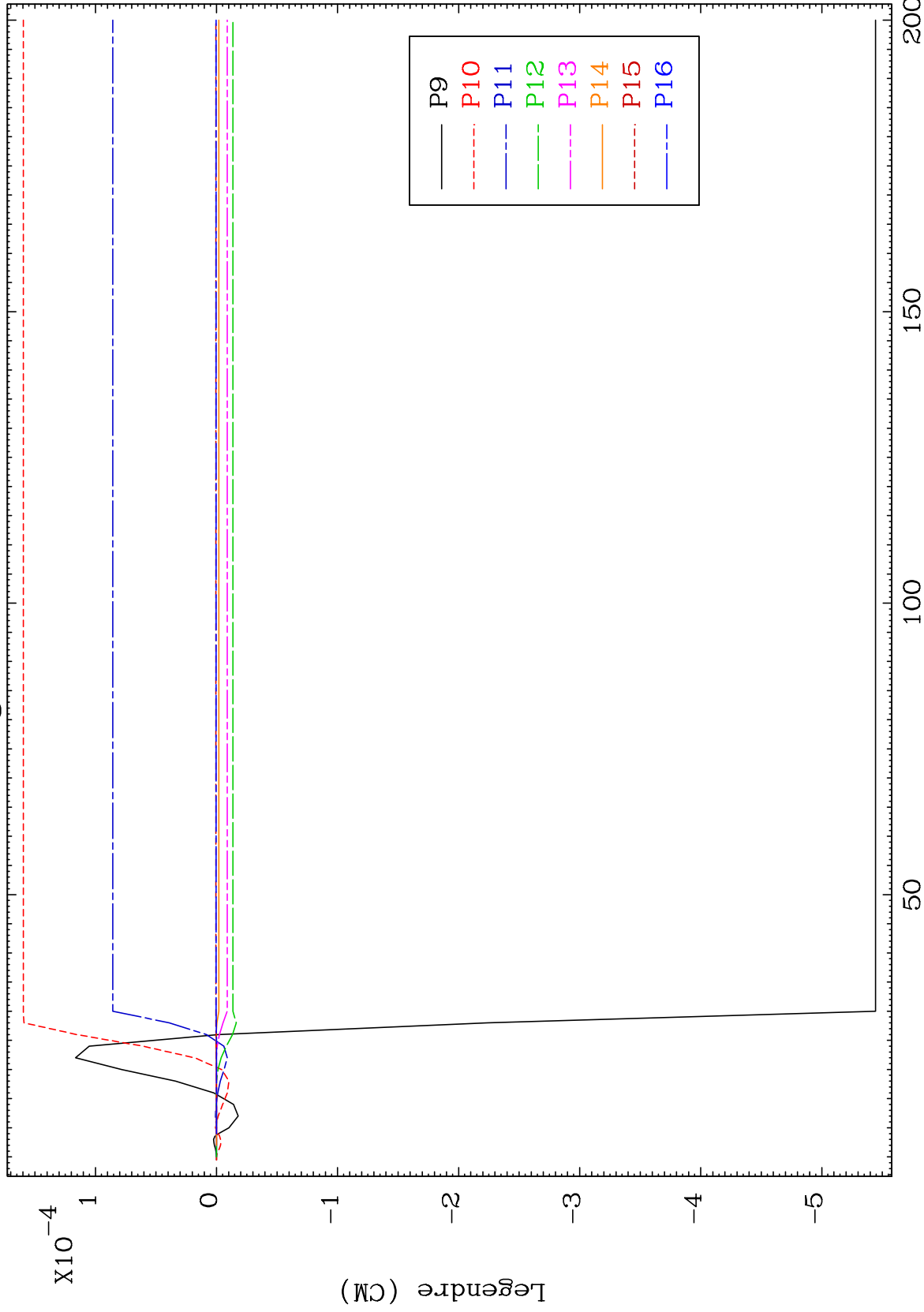
MAT 3610 MT= 71 (n,n') Level Legendre Coefficients 36-Kr-73



MAT 3610

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

36-Kr-73



87

Incident Energy (MeV)

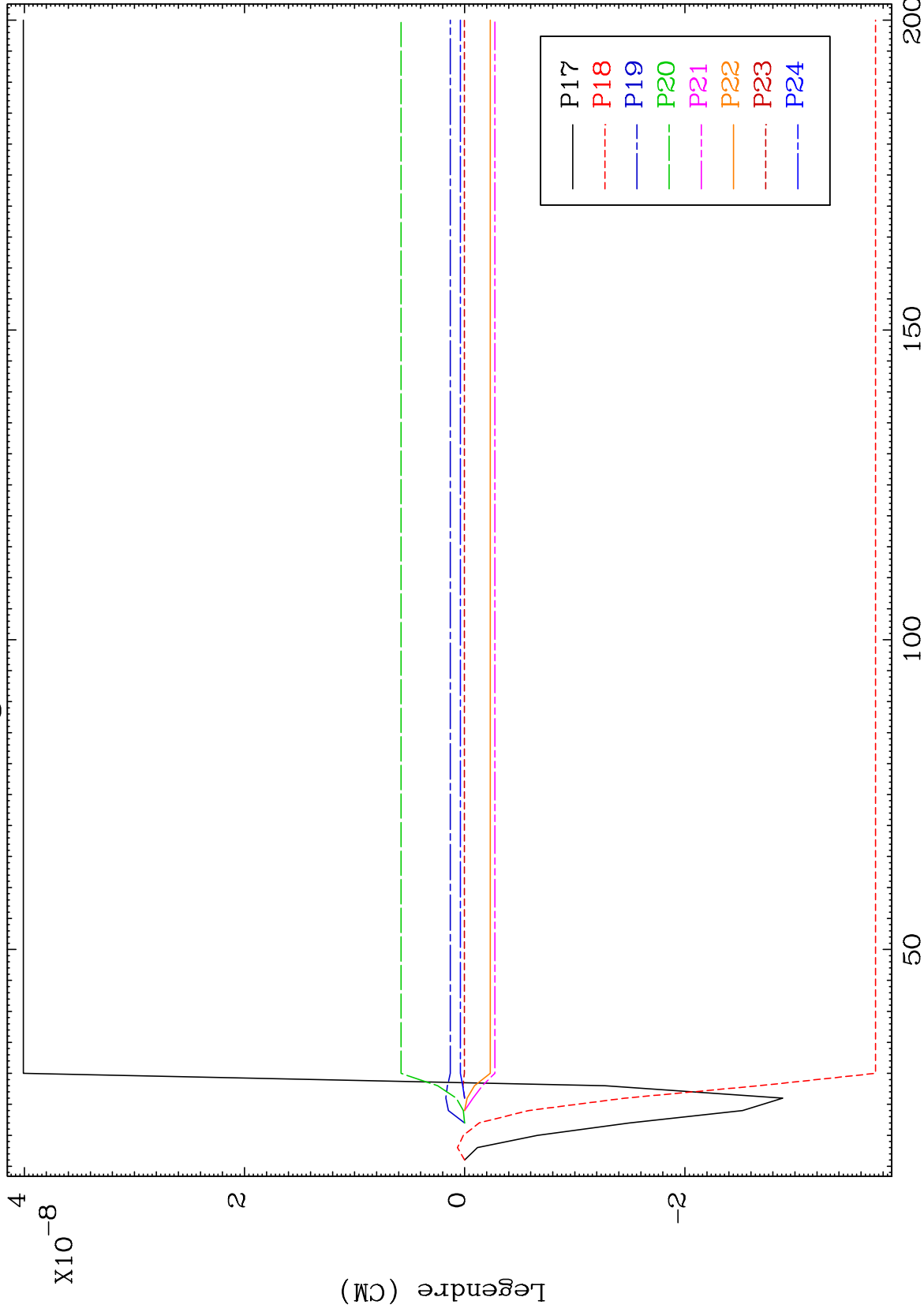
36-Kr-73



MAT 3610

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

36-Kr-73



88

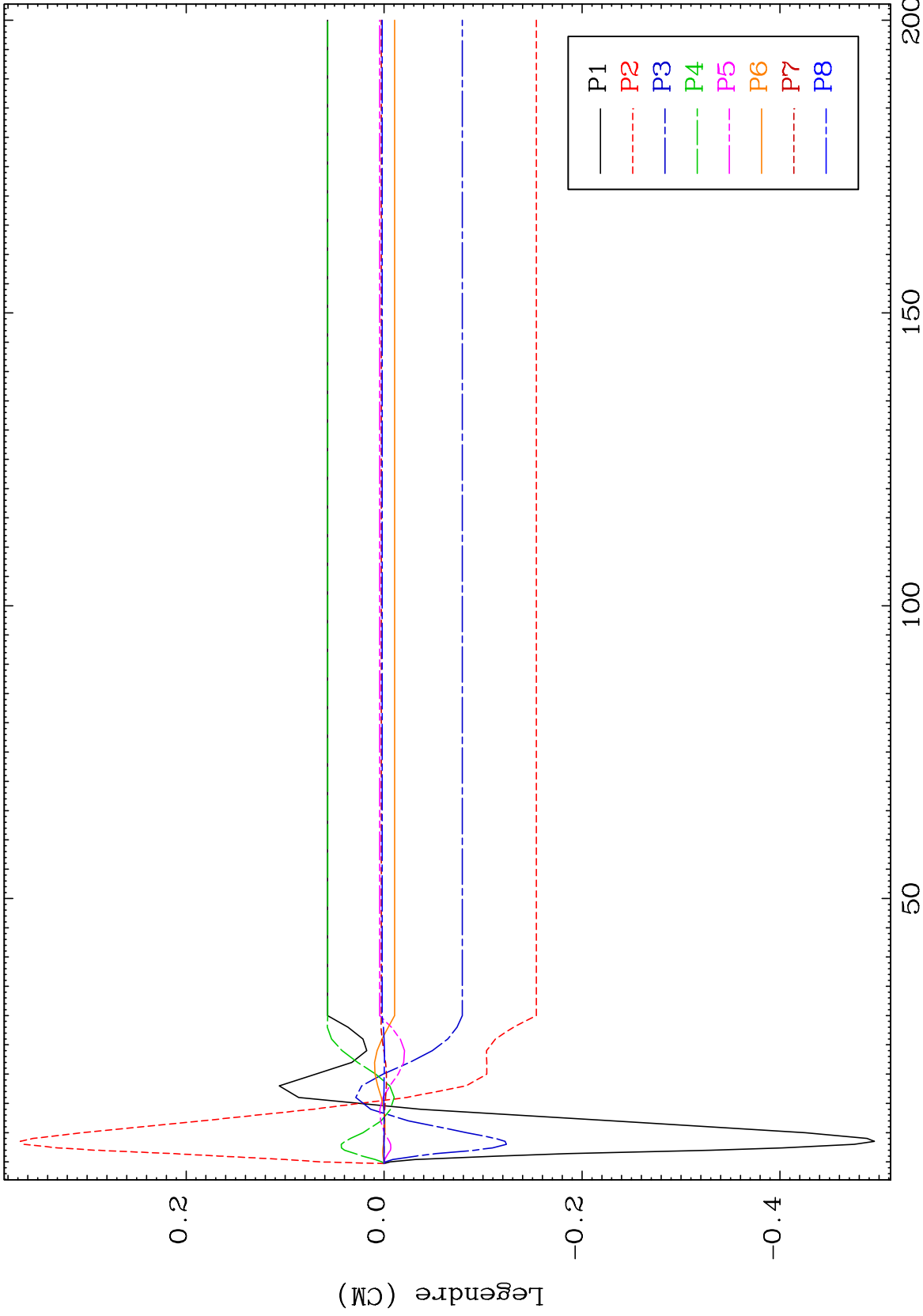
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



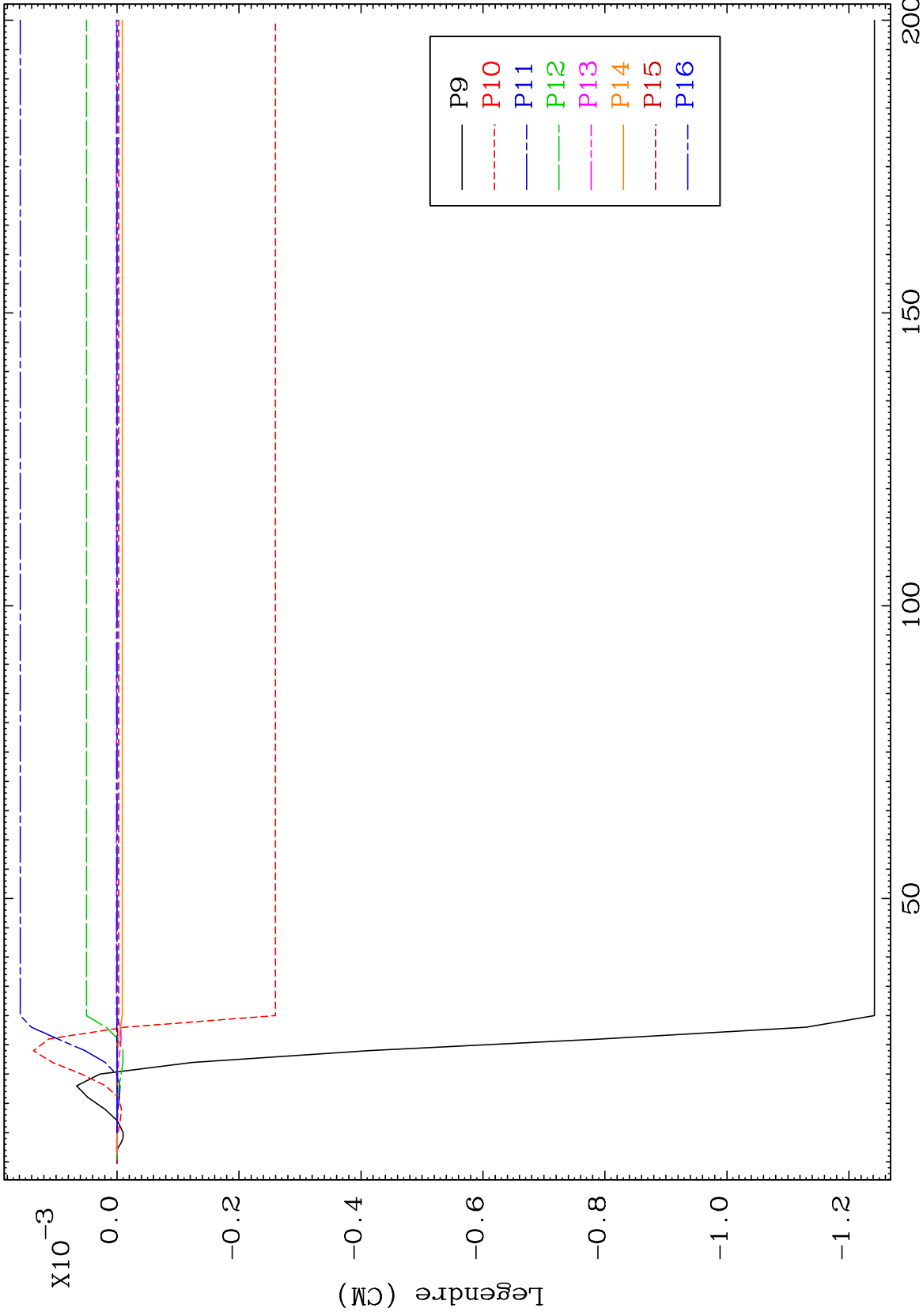
89

36-Kr-73

MAT 3610

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

36-Kr-73



90

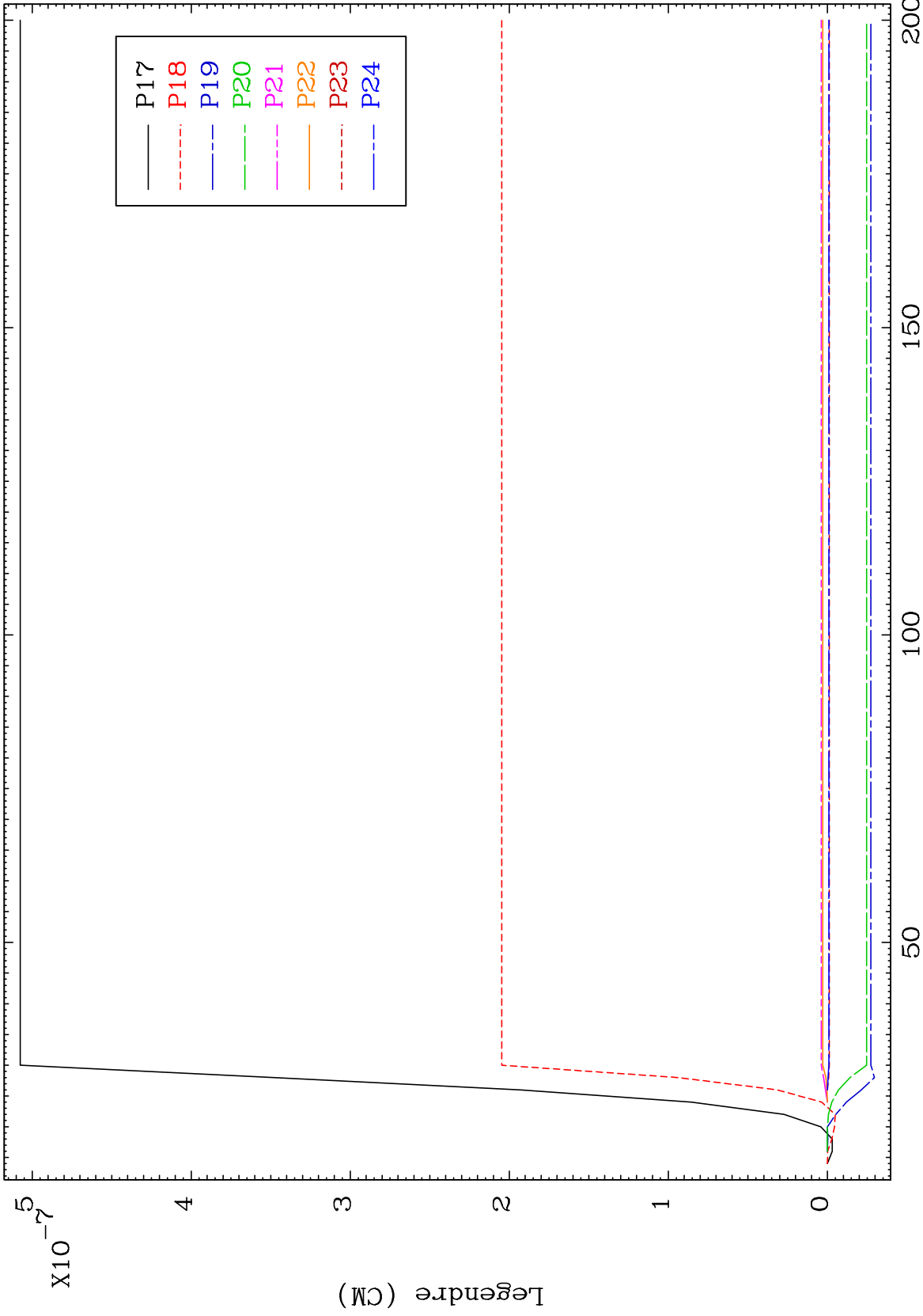
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



91

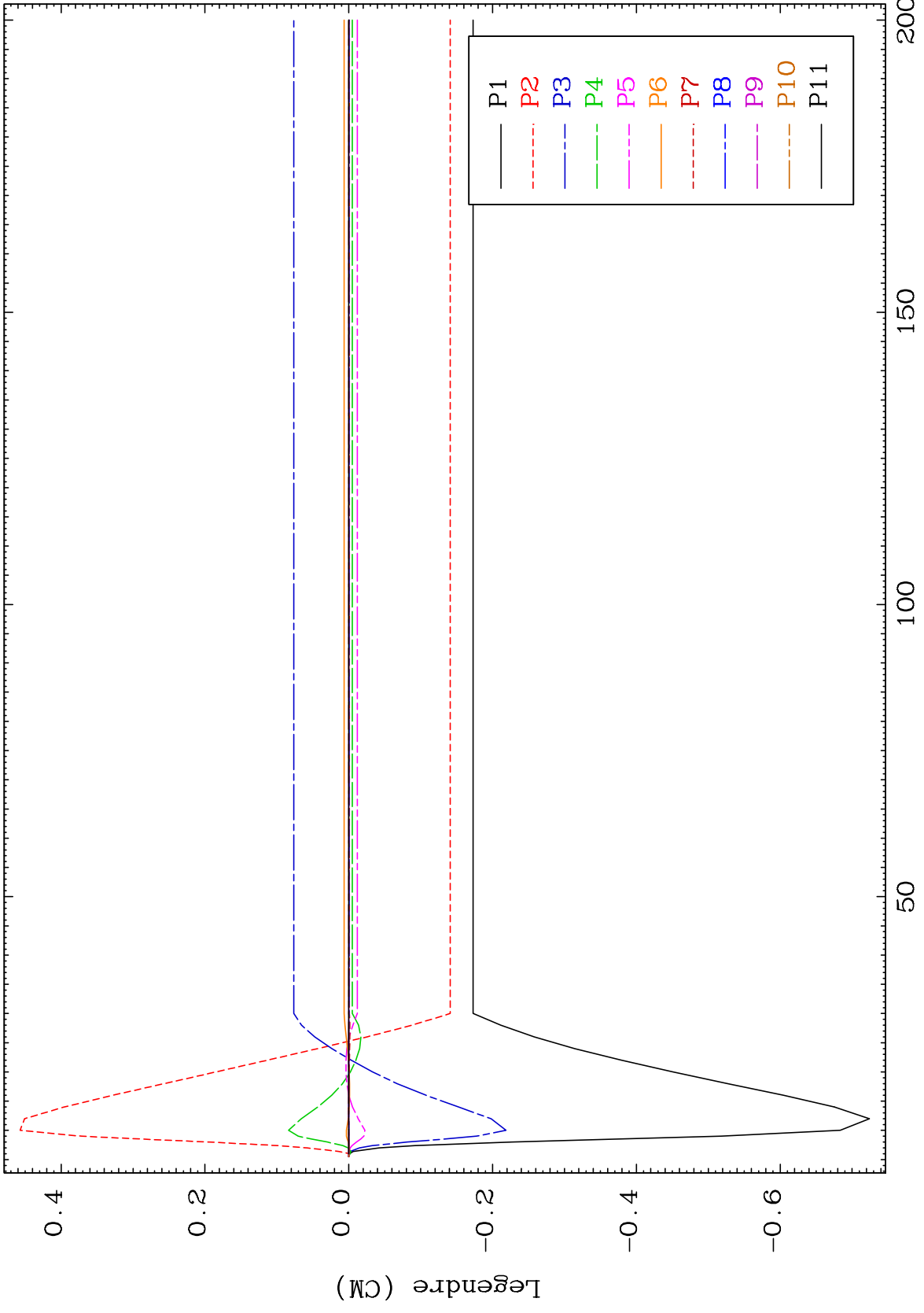
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



92

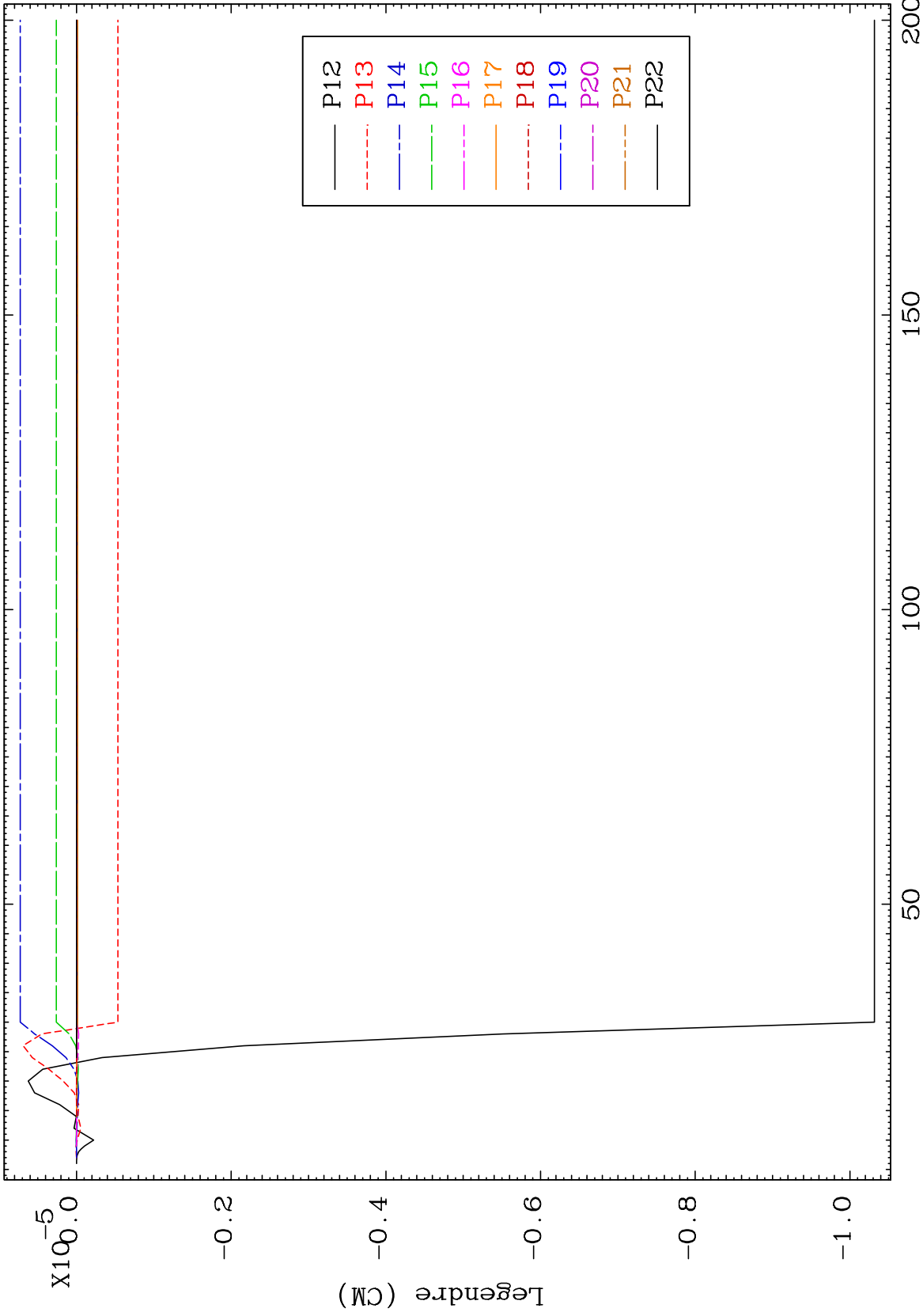
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



93

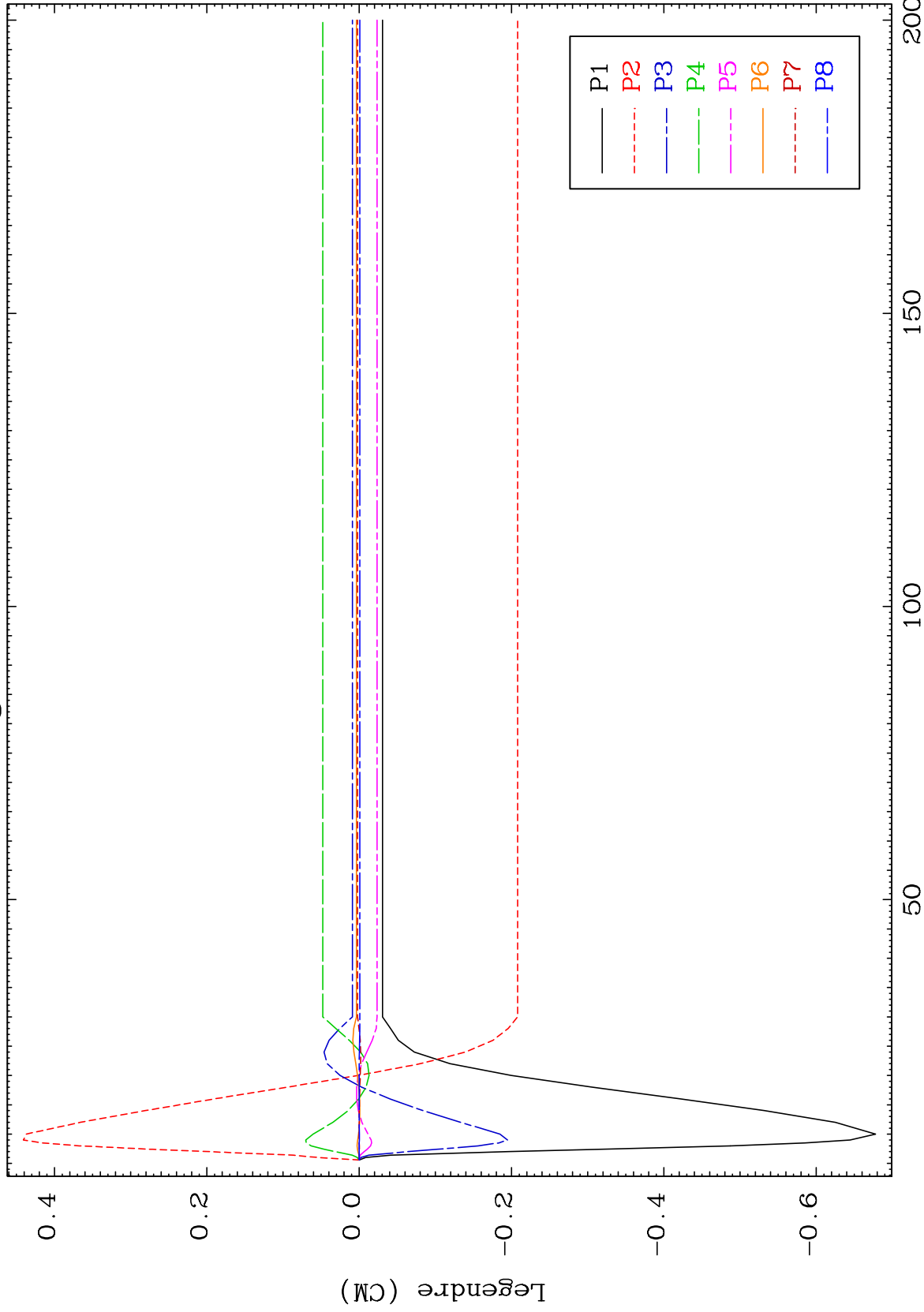
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



94

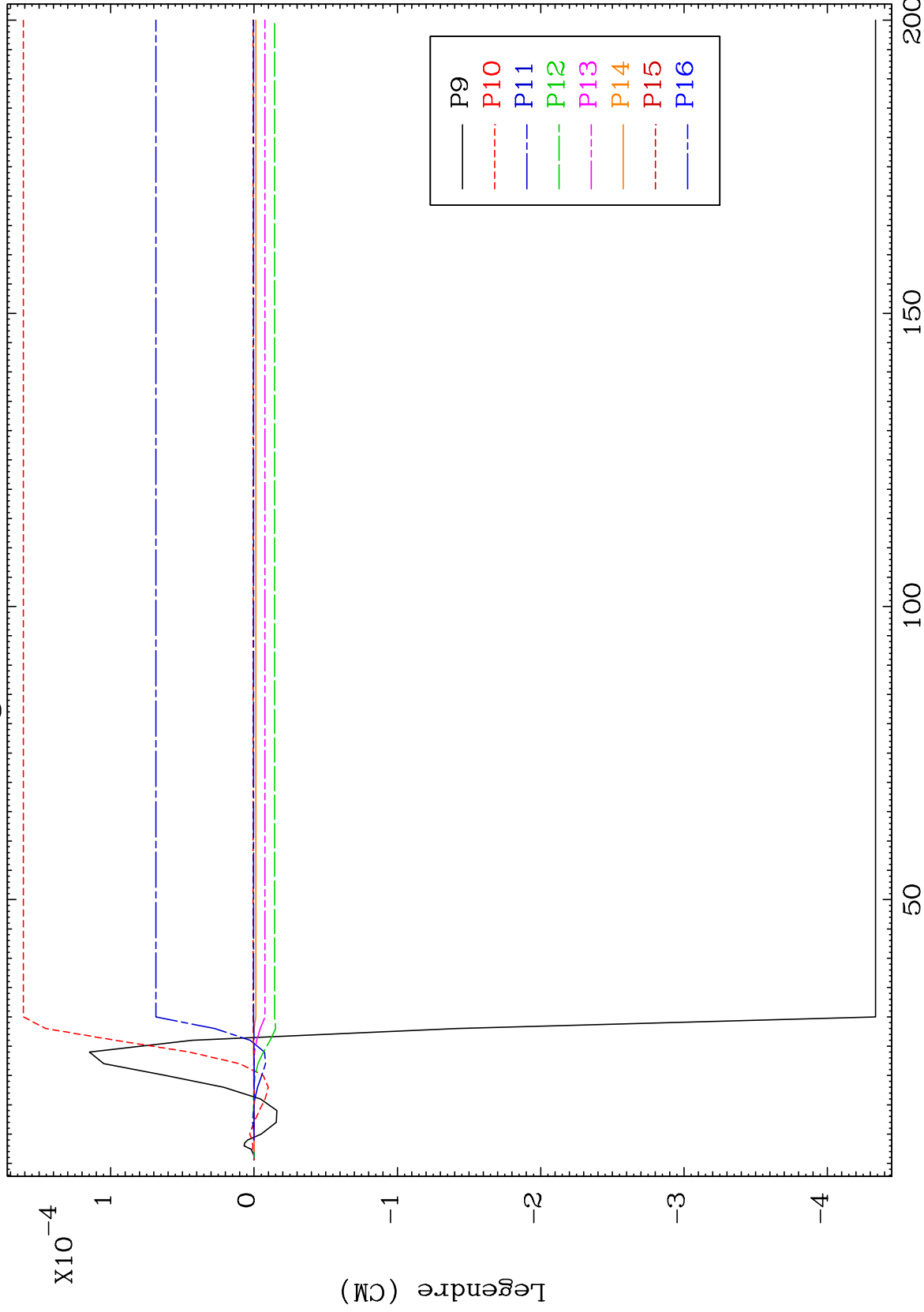
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



95

Incident Energy (MeV)

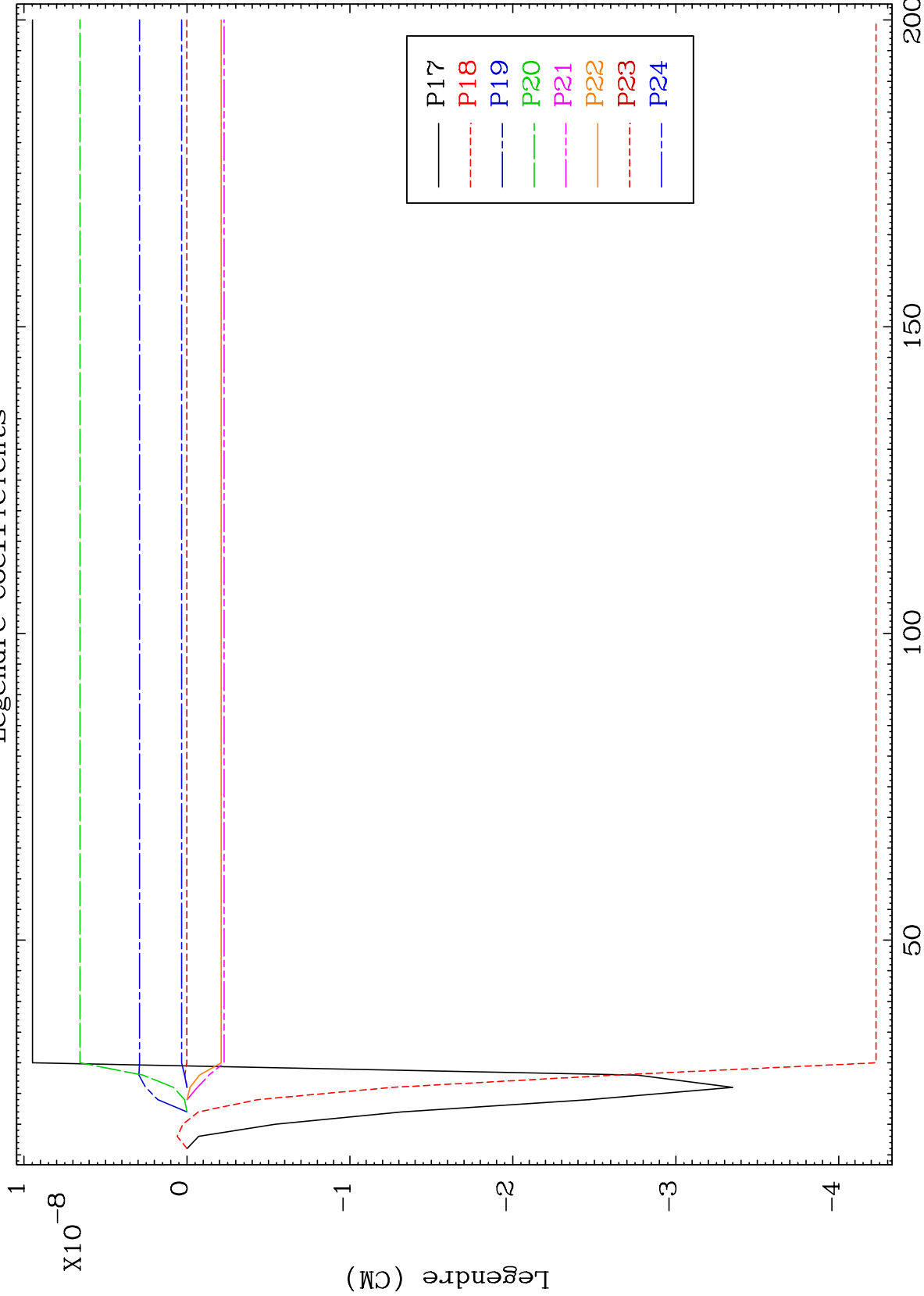
36-Kr-73



MAT 3610

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

36-Kr-73



96

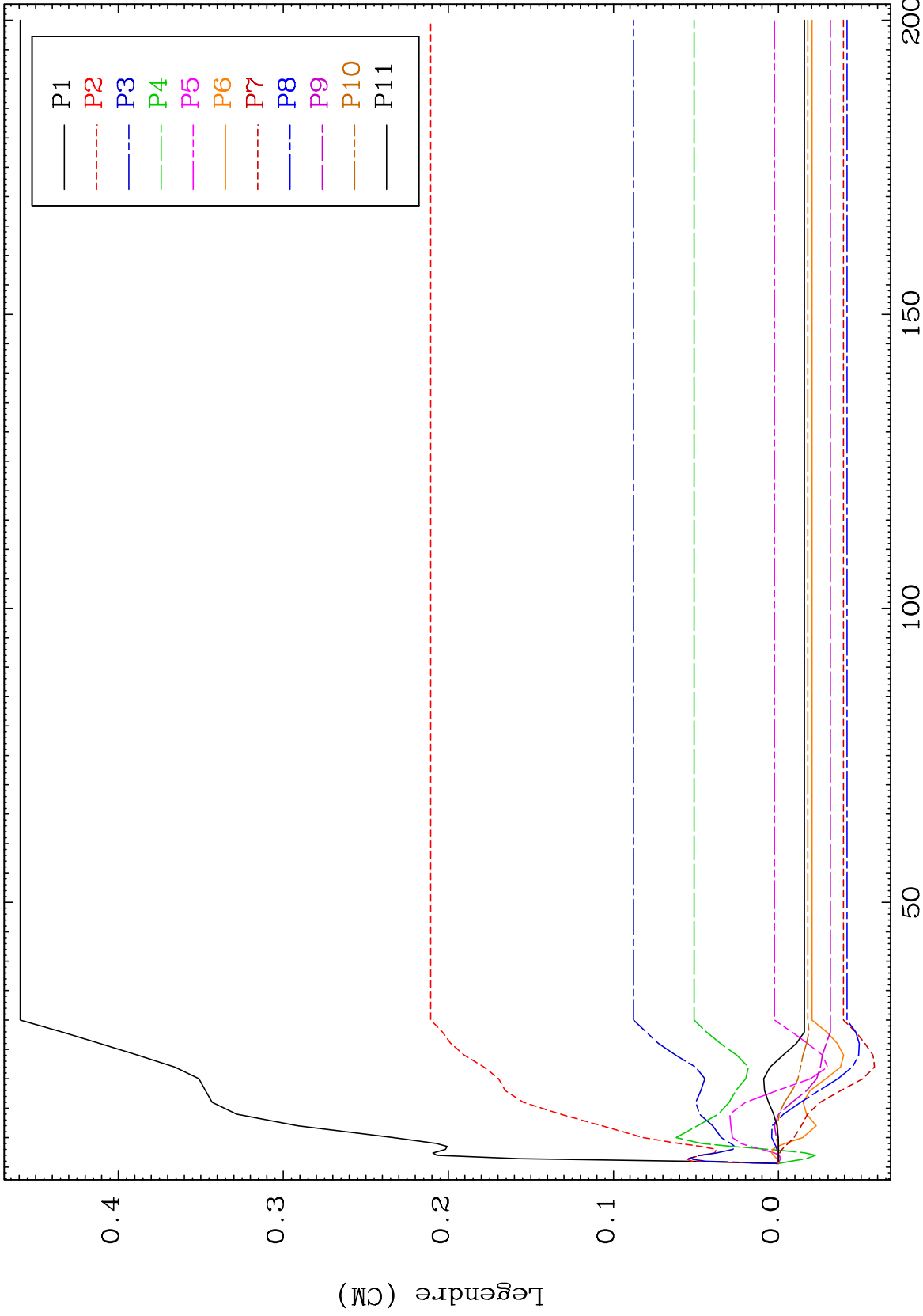
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



97

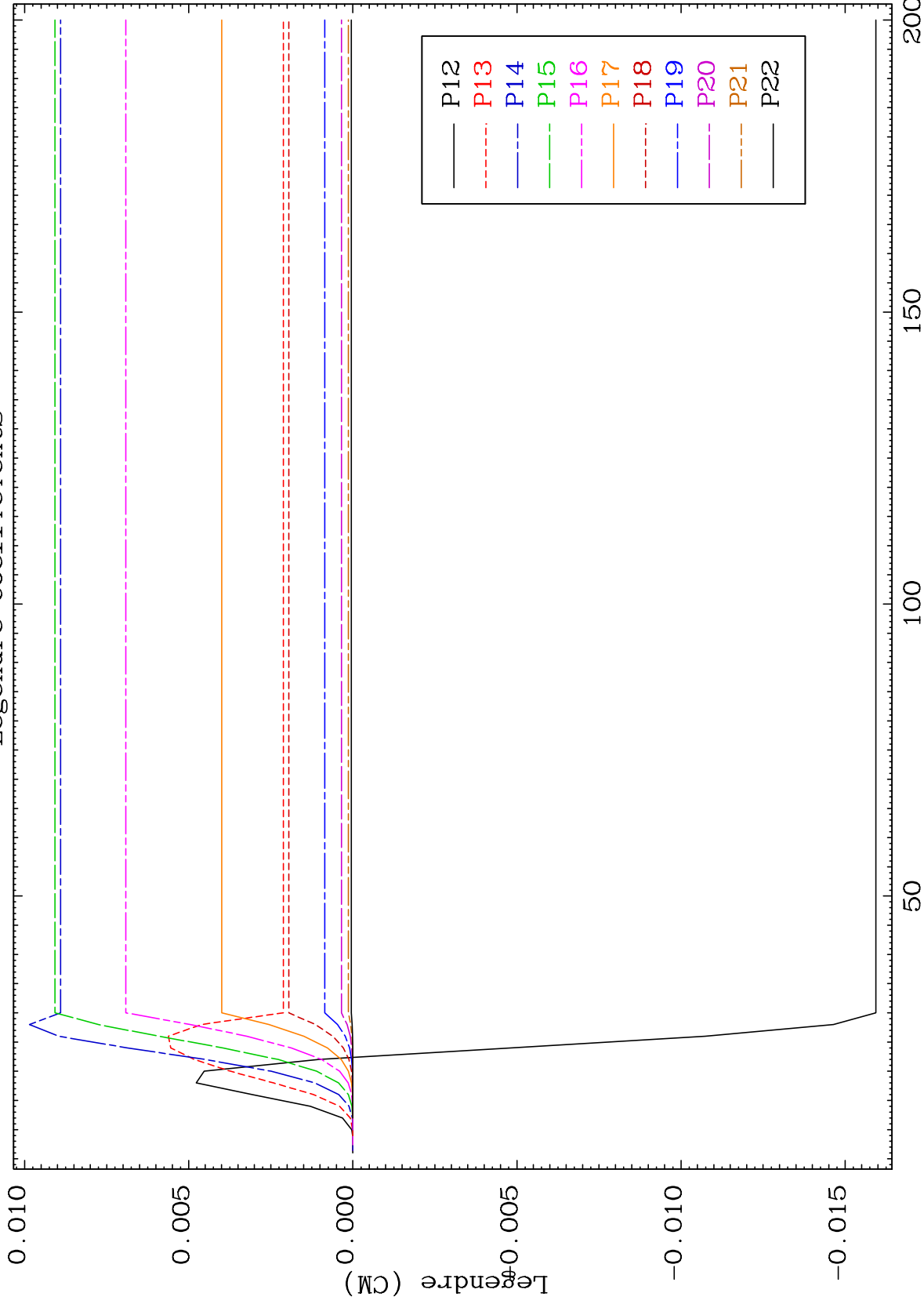
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



98

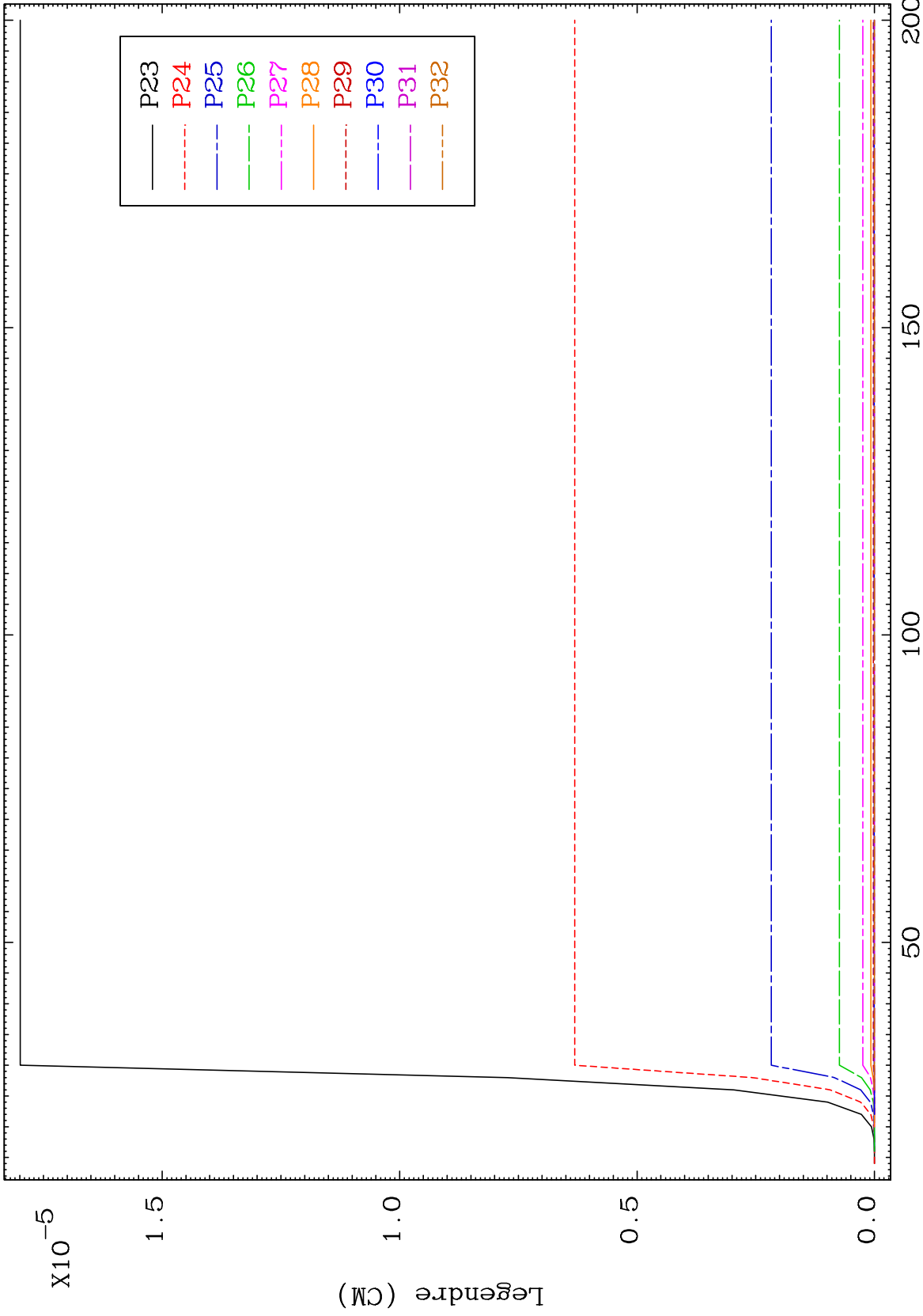
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



99

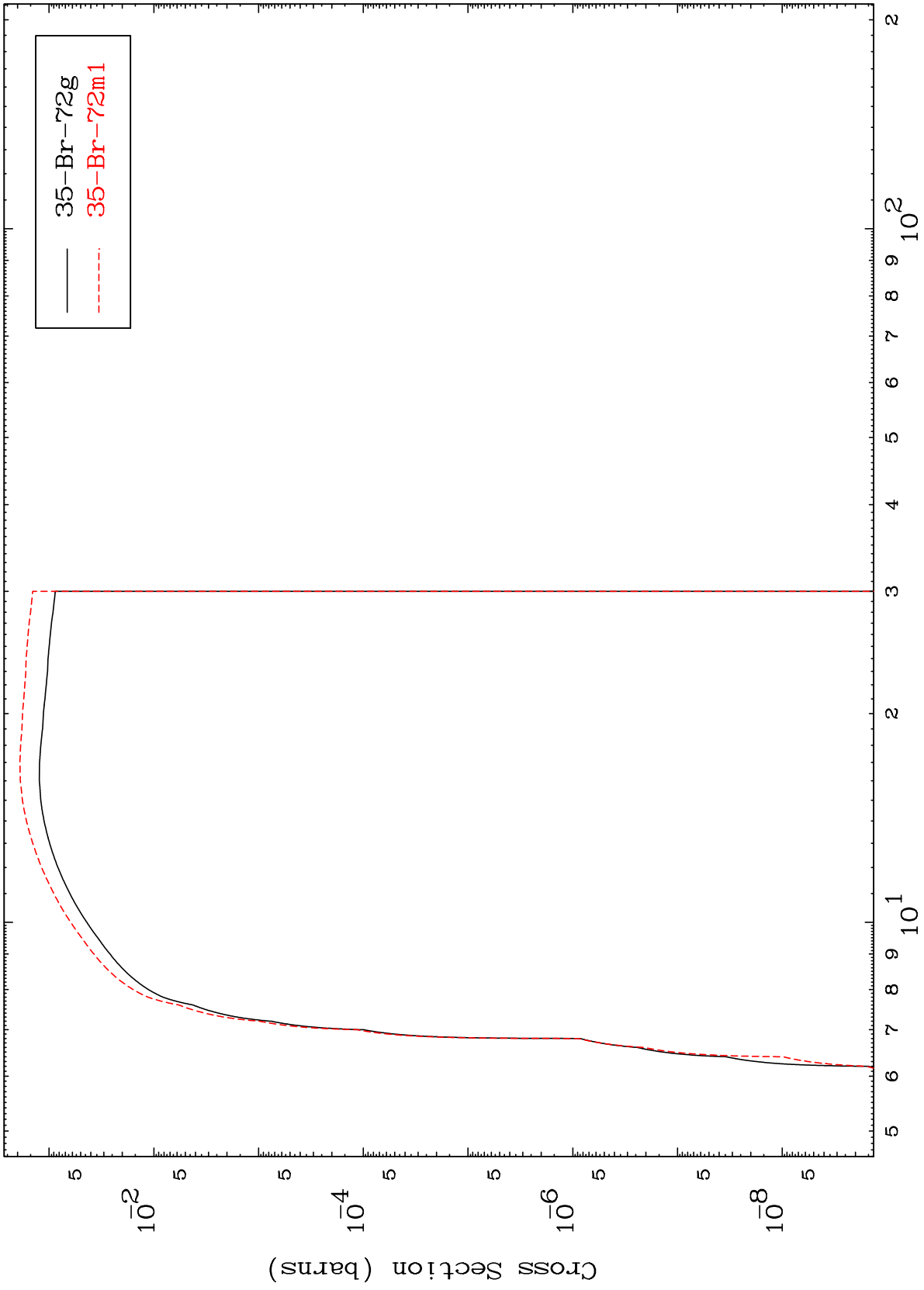
Incident Energy (MeV)

36-Kr-73

MAT 3610

<sup>36</sup>Kr-73

(n, n') p  
Radionuclide Production Cross Section



<sup>36</sup>Kr-73

Incident Energy (MeV)

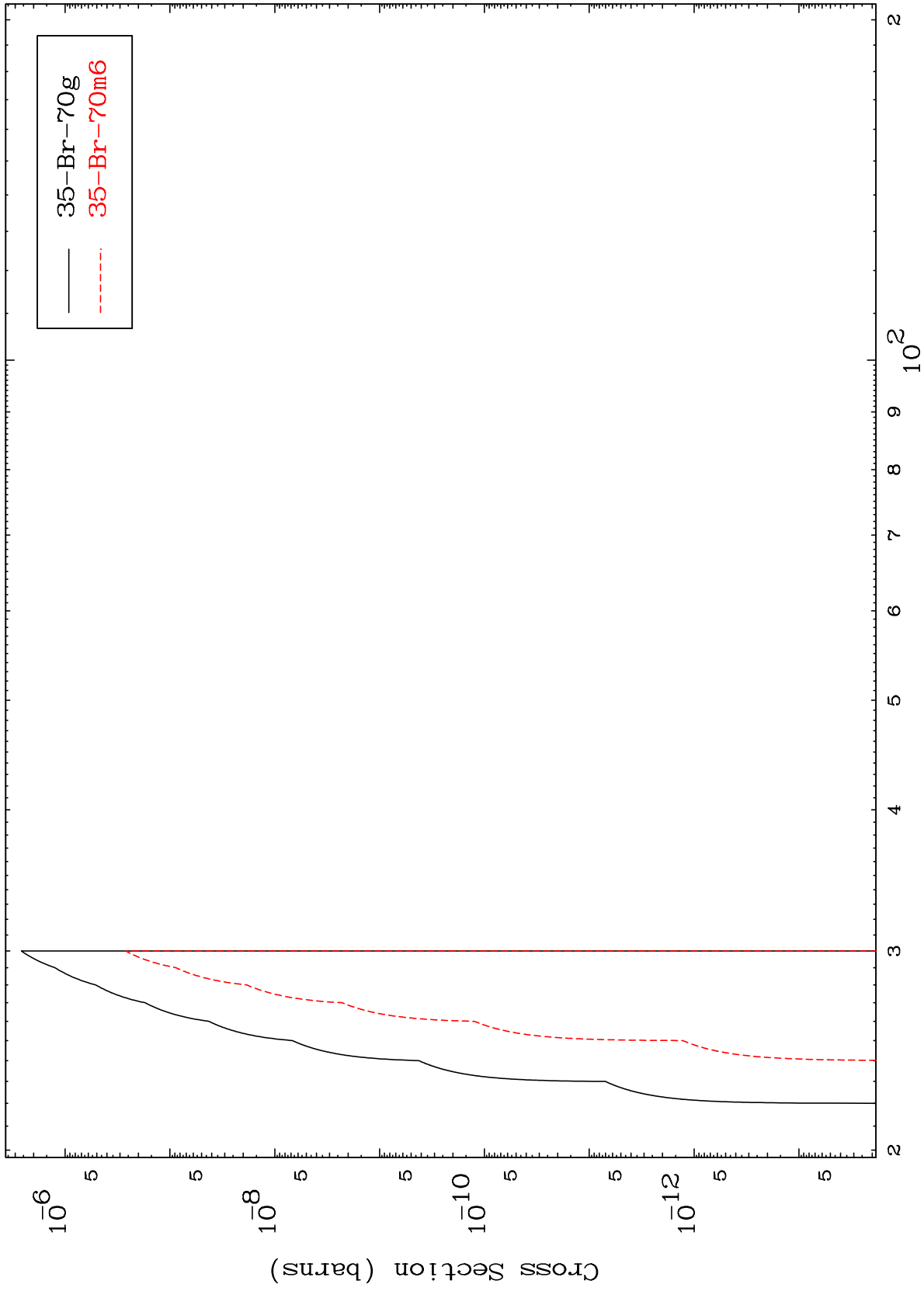
100

MAT 3610

(n,n') t

36-Kr-73

Radionuclide Production Cross Section



101

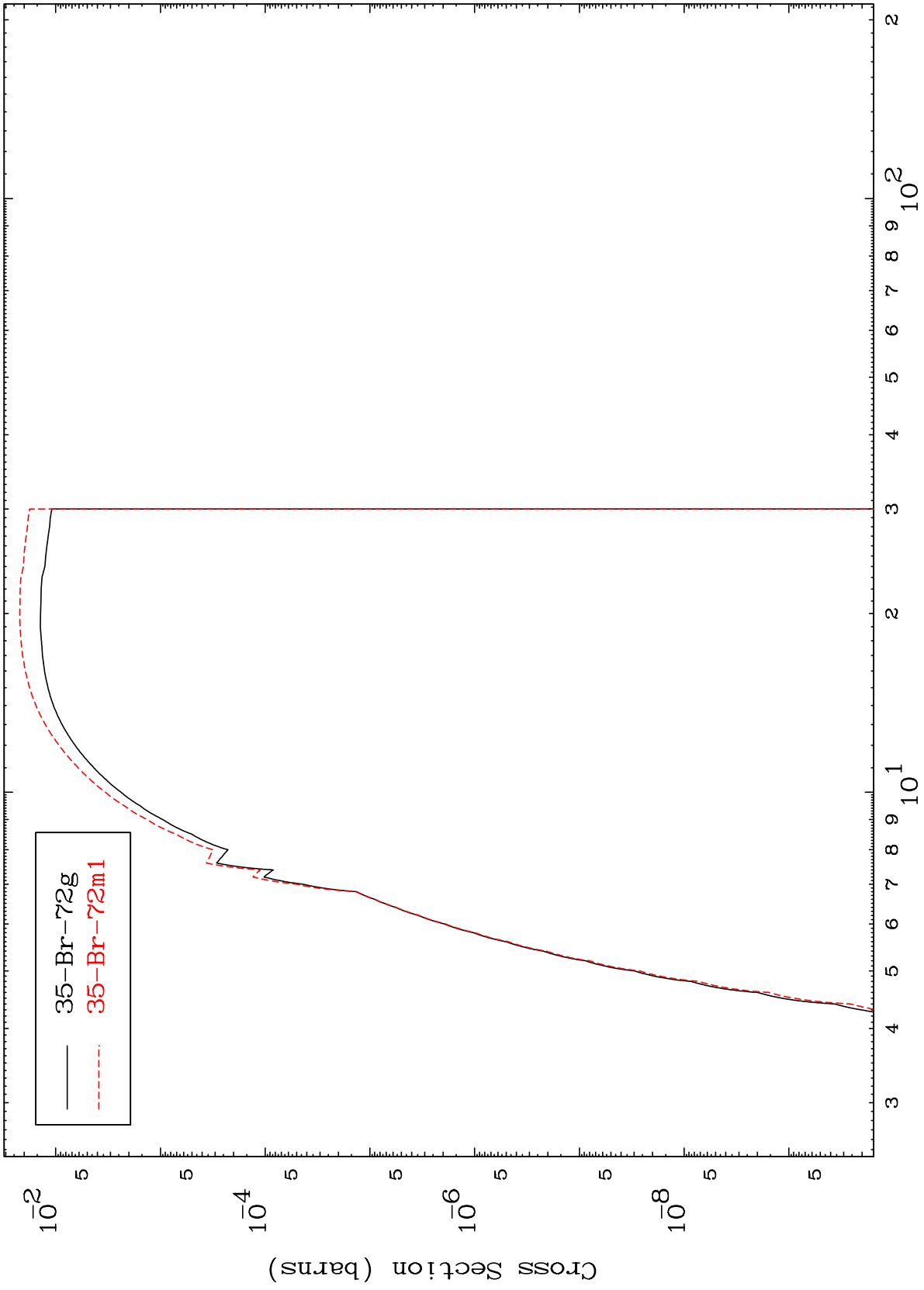
Incident Energy (MeV)

36-Kr-73

MAT 3610

36-Kr-73

(n,d)  
Radionuclide Production Cross Section



102

Incident Energy (MeV)

36-Kr-73