

Program EVALPLOT  
(Version 2017-1)

by

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(Present Contact Information)

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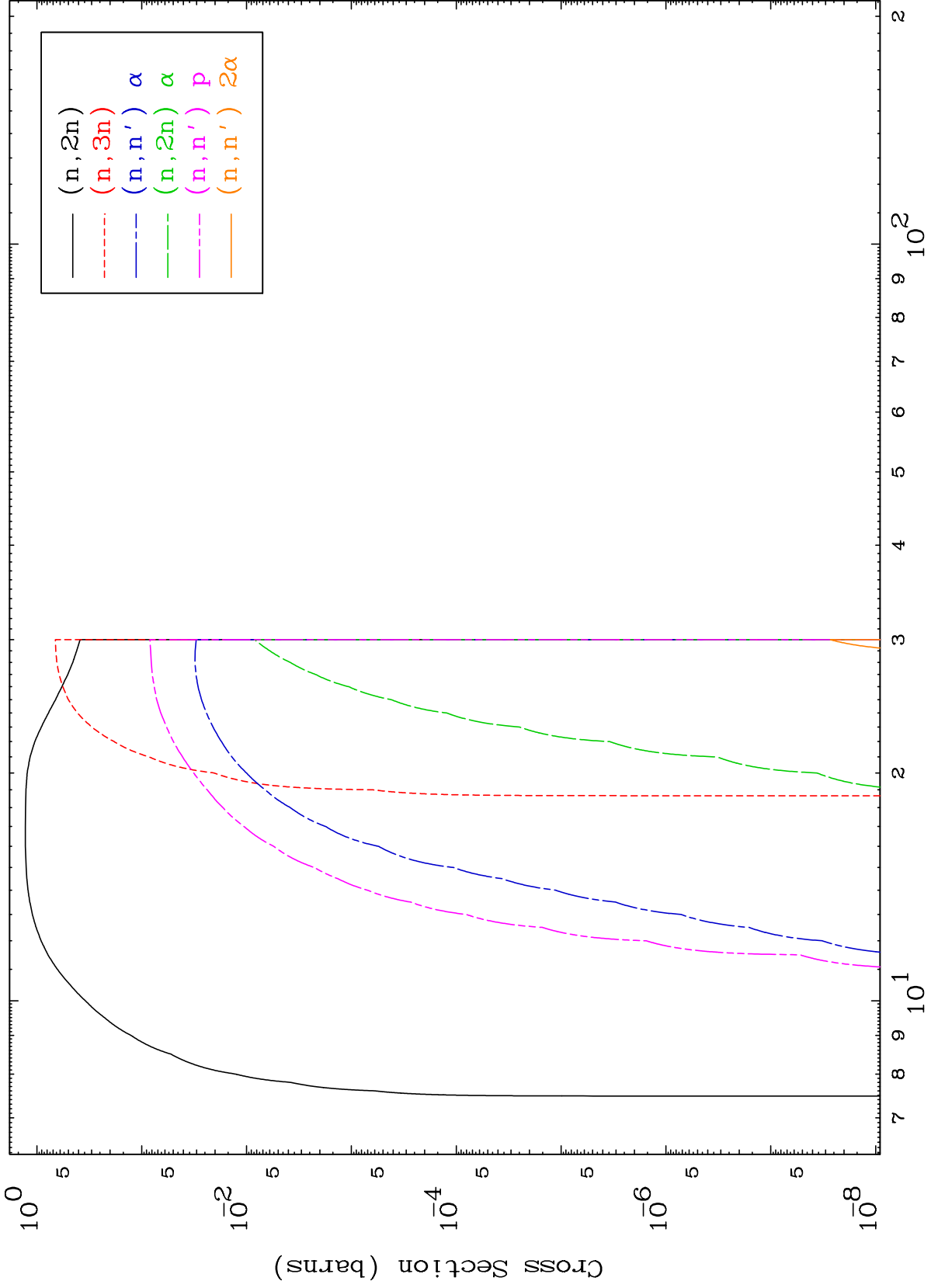
Tele: 925-443-1911

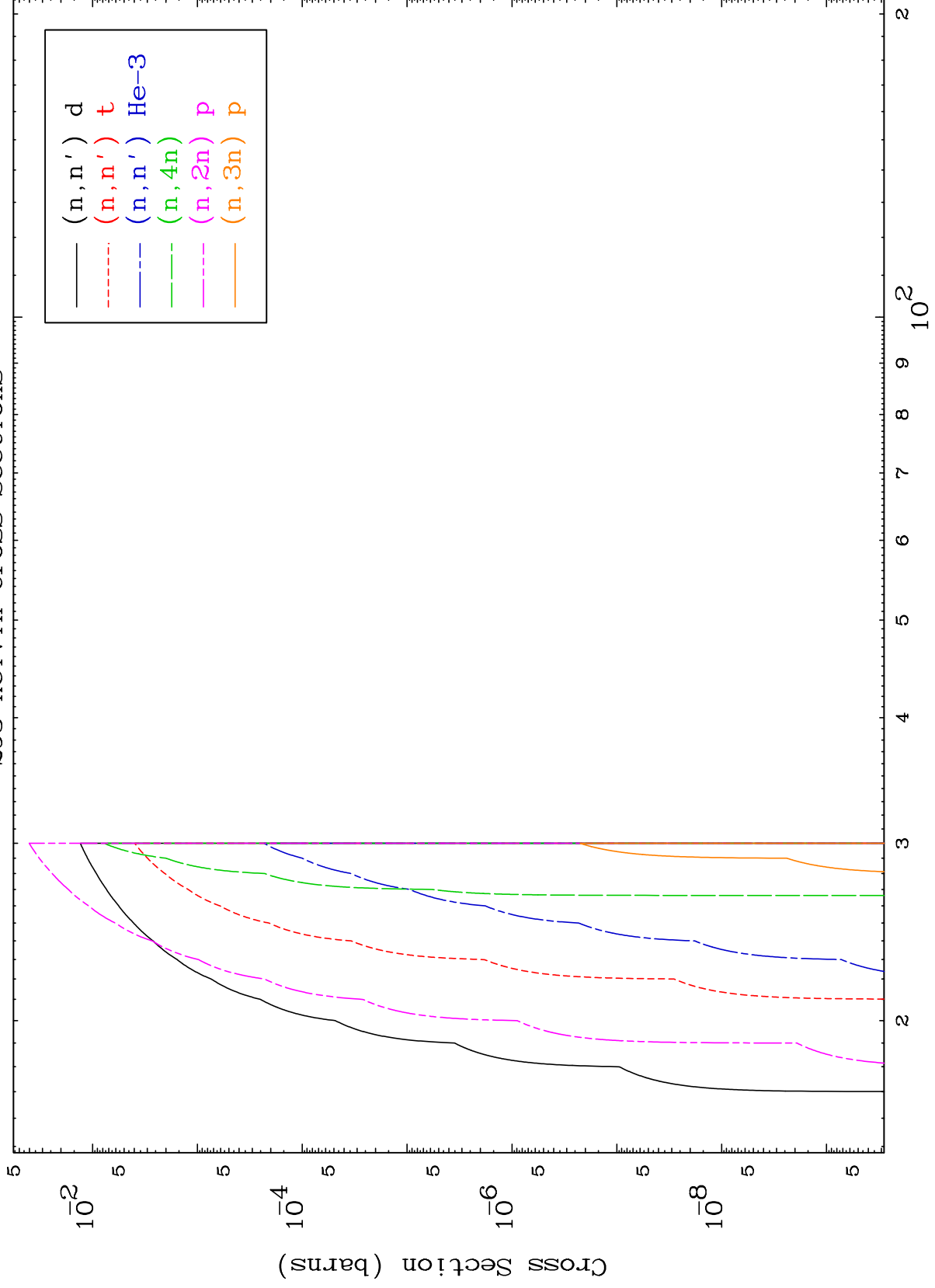
E.Mail:redcullen1@comcast.net

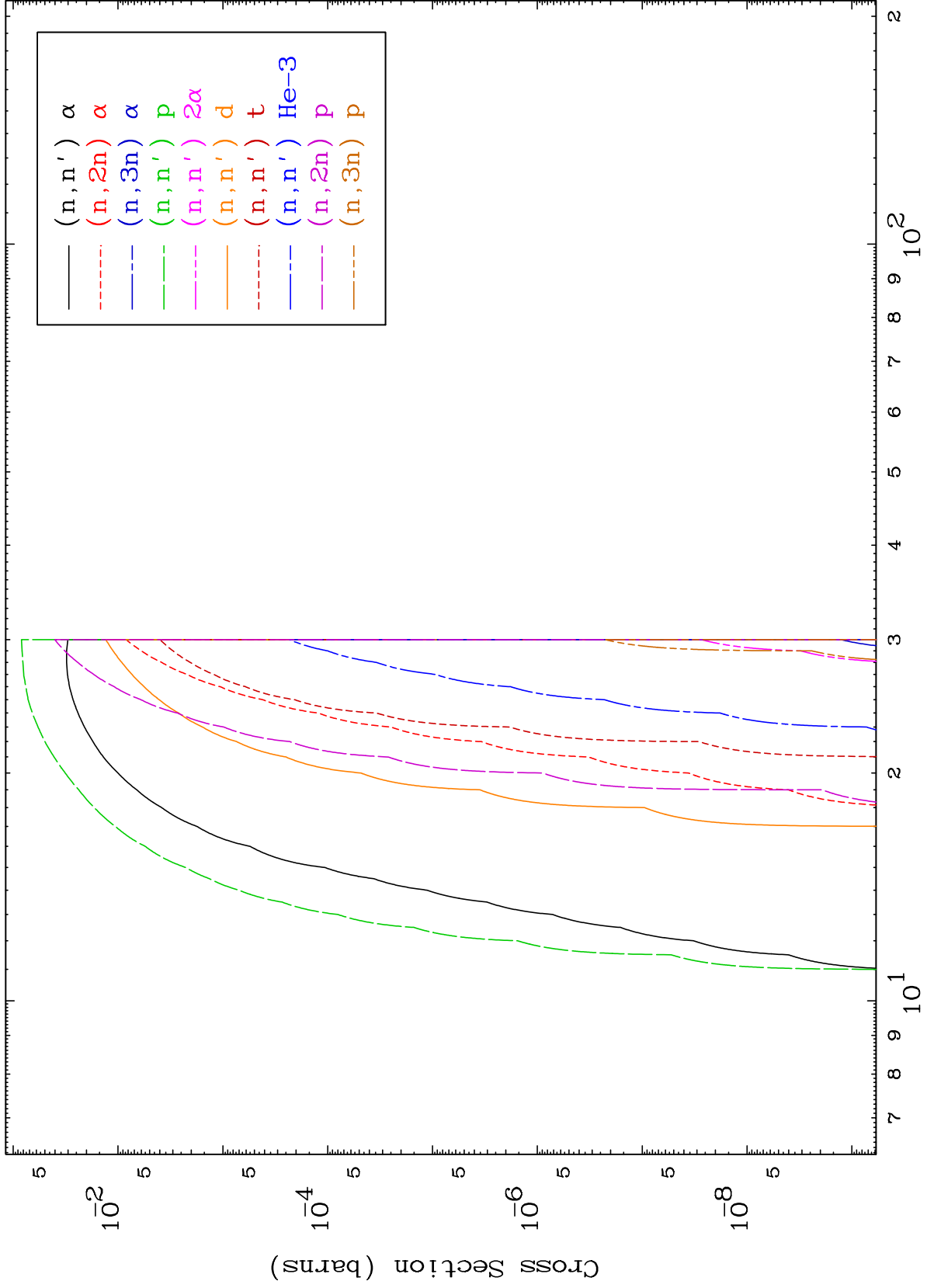
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Press Mouse Button to Start





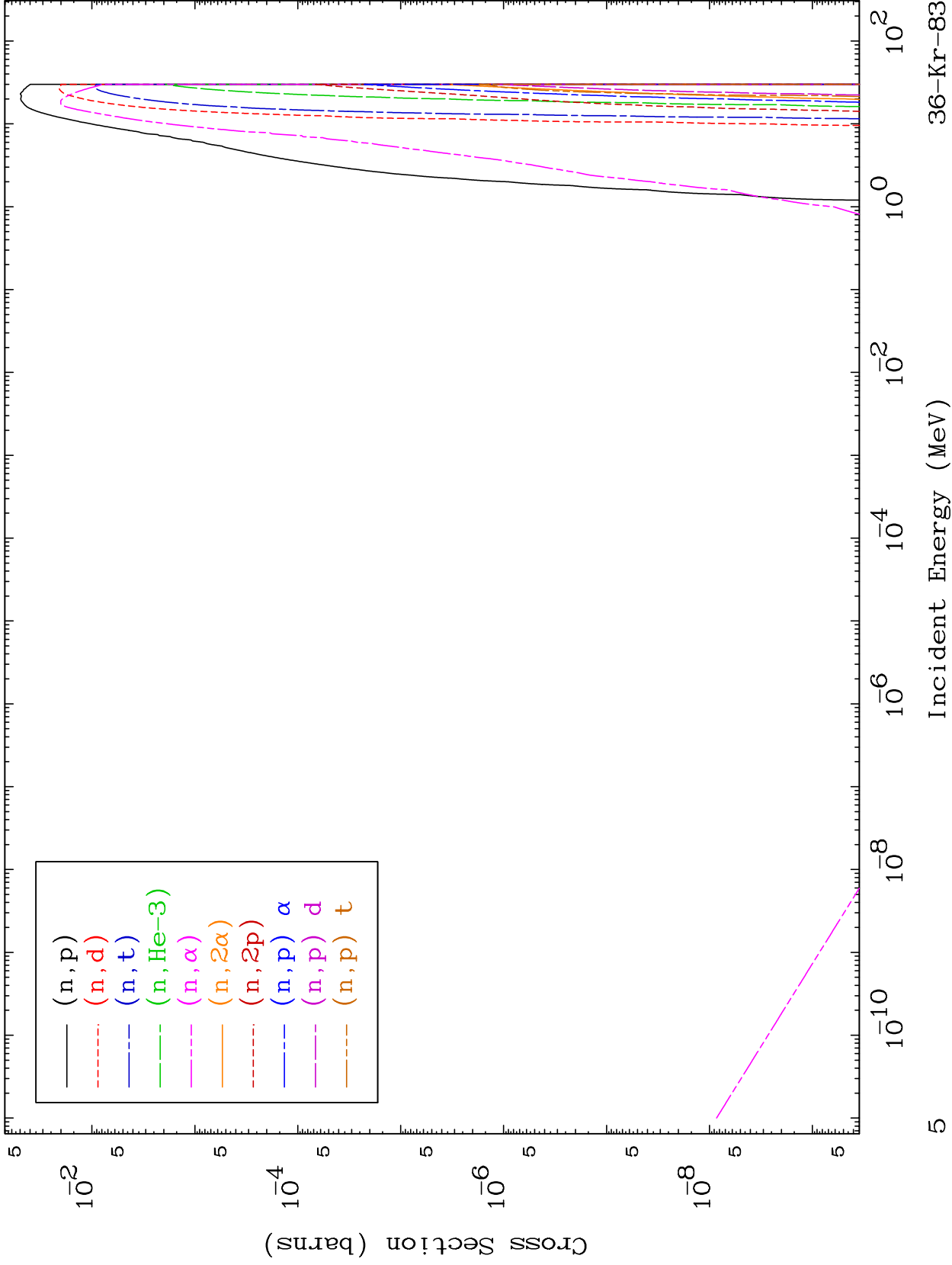




MAT 3640

Charged Particle  
293 Kelvin Cross Sections

36-Kr-83



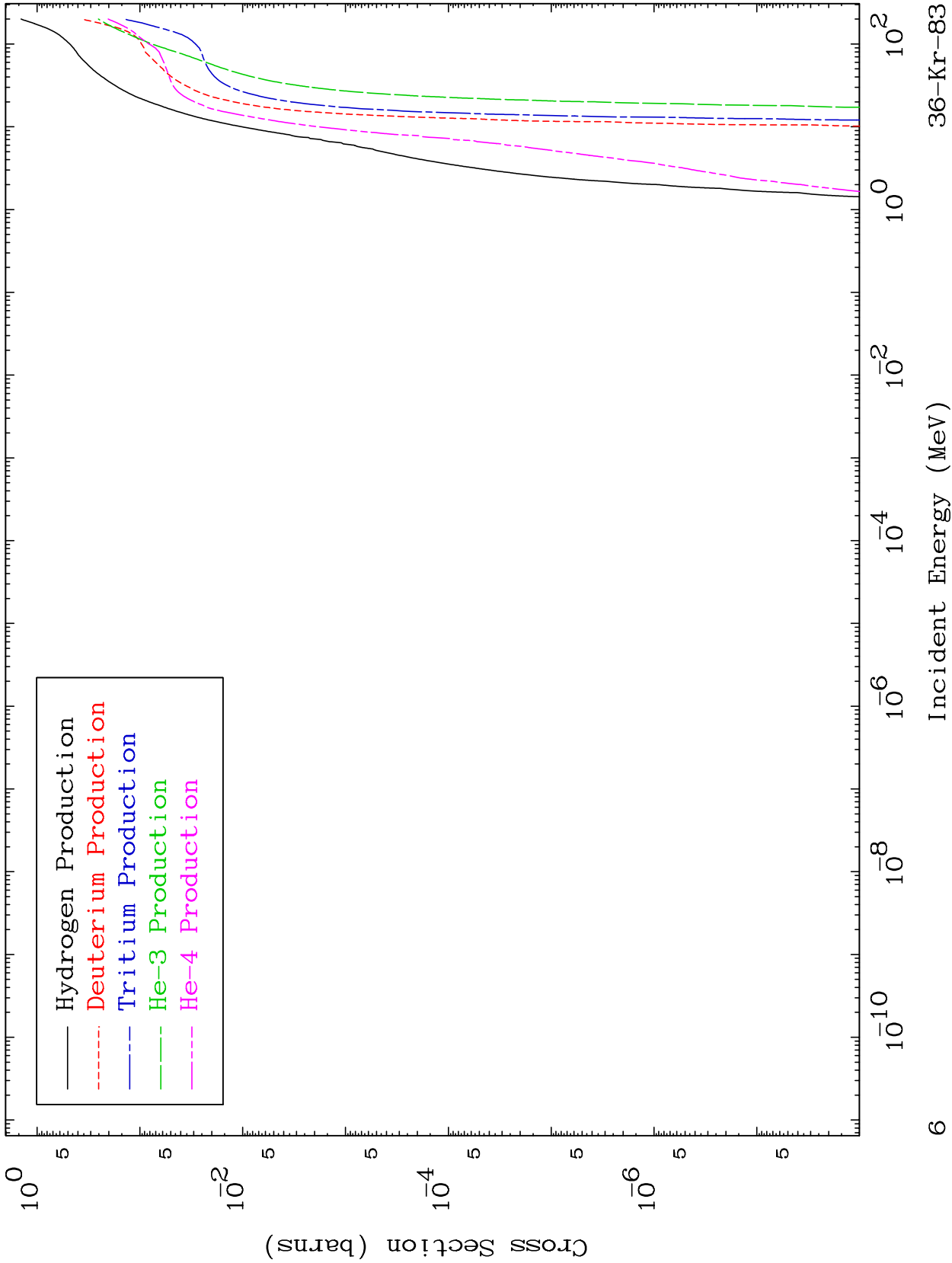
5

36-Kr-83

MAT 3640

Particle Production  
293 Kelvin Cross Sections

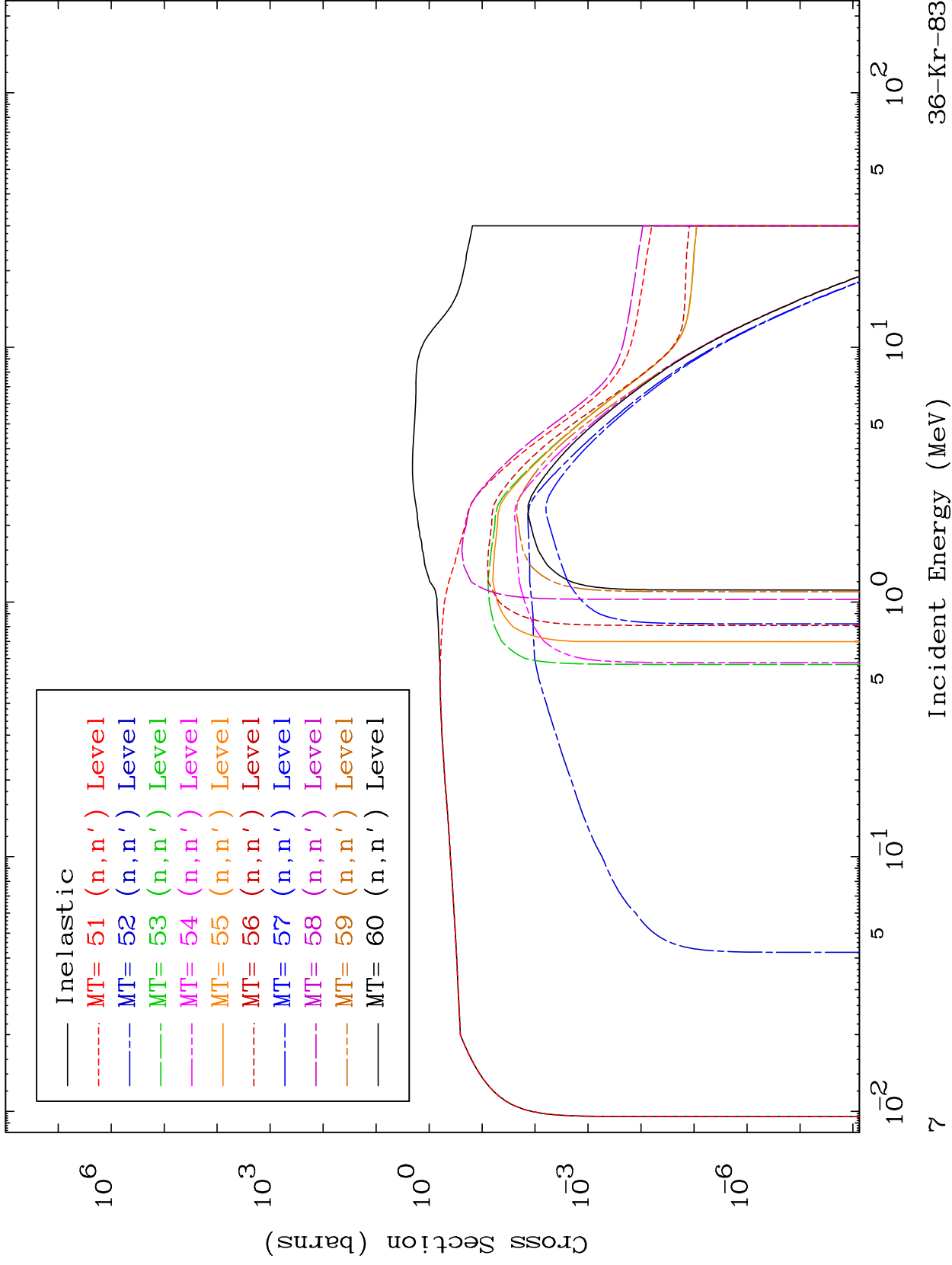
36-Kr-83



MAT 3640

(n,n') Level  
293 Kelvin Cross Sections

36-Kr-83



36-Kr-83

Incident Energy (MeV)

7

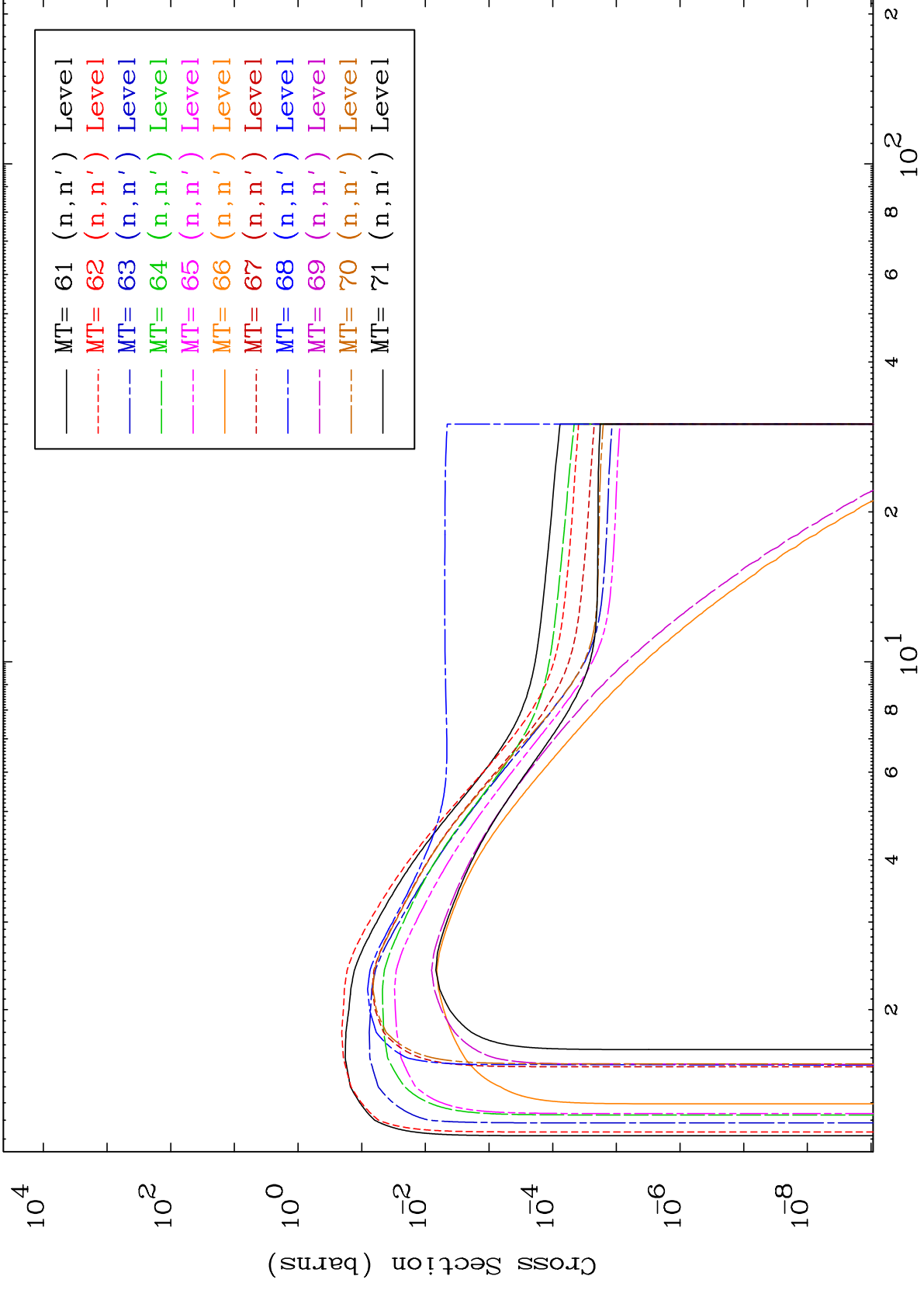


MAT 3640

(n,n') Level

36-Kr-83

293 Kelvin Cross Sections



8

Incident Energy (MeV)

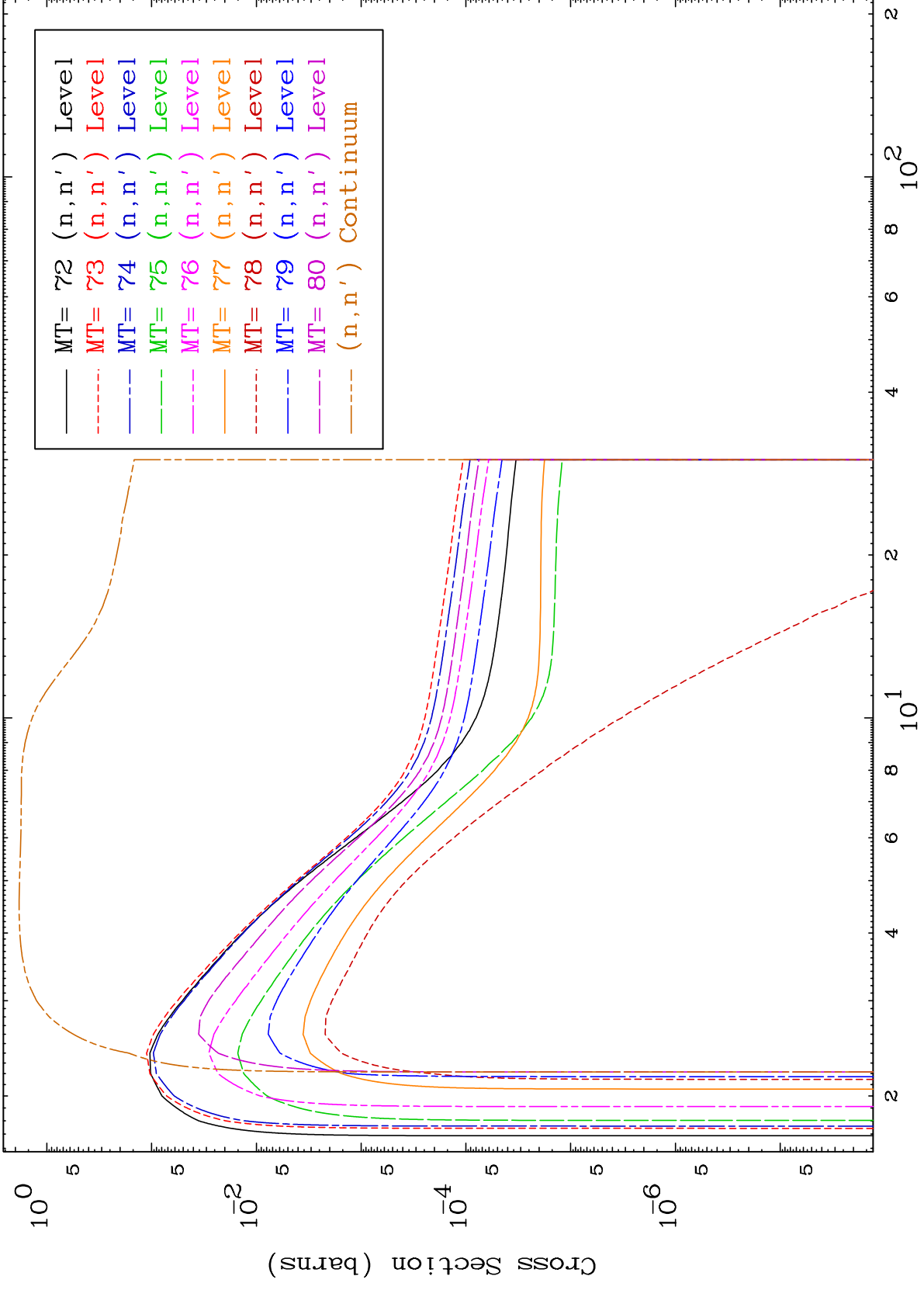
36-Kr-83

MAT 3640

(n,n') Level

36-Kr-83

293 Kelvin Cross Sections



9

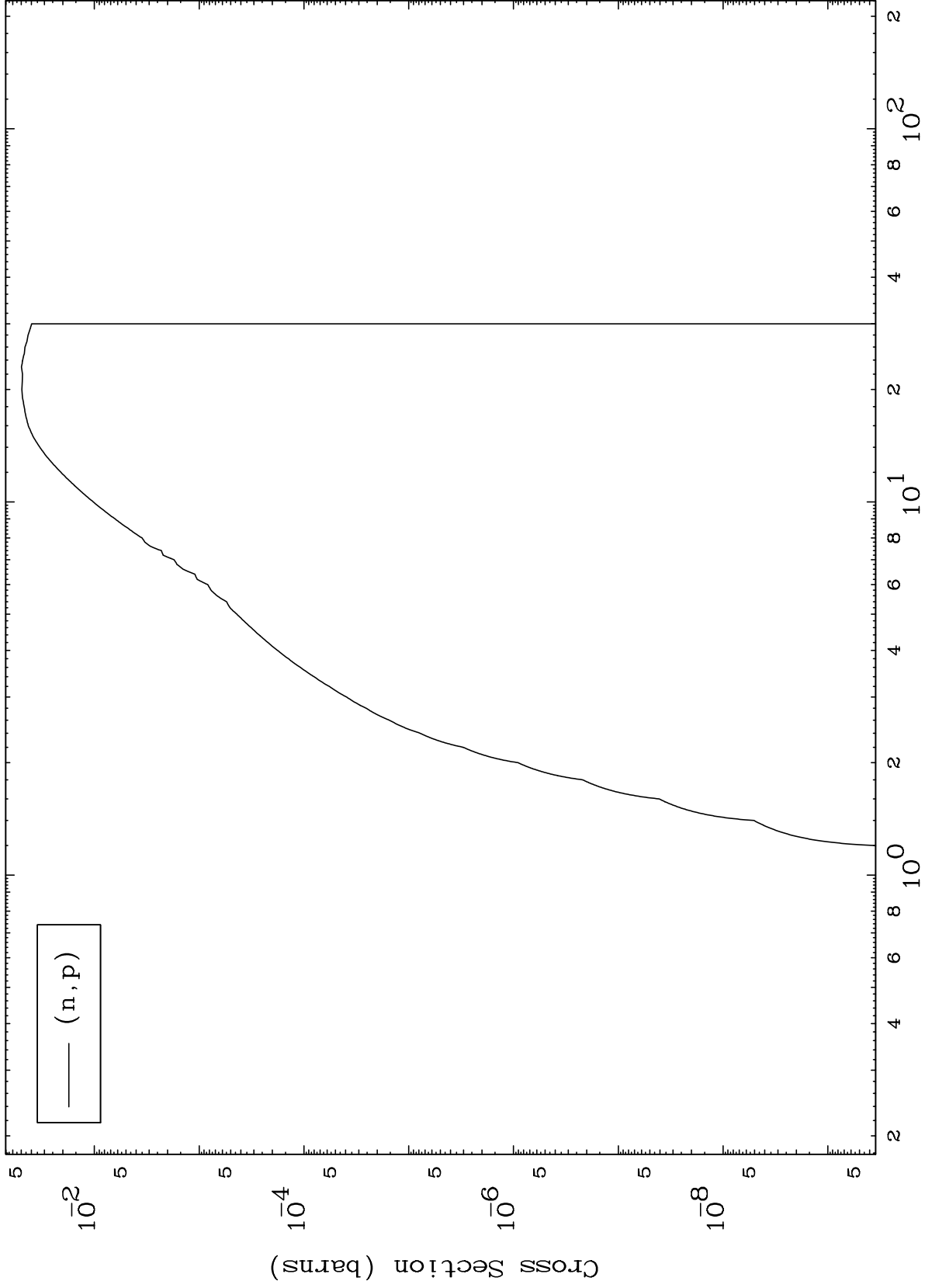
Incident Energy (MeV)

36-Kr-83

MAT 3640

(n,p) Levels  
293 Kelvin Cross Sections

36-Kr-83



10

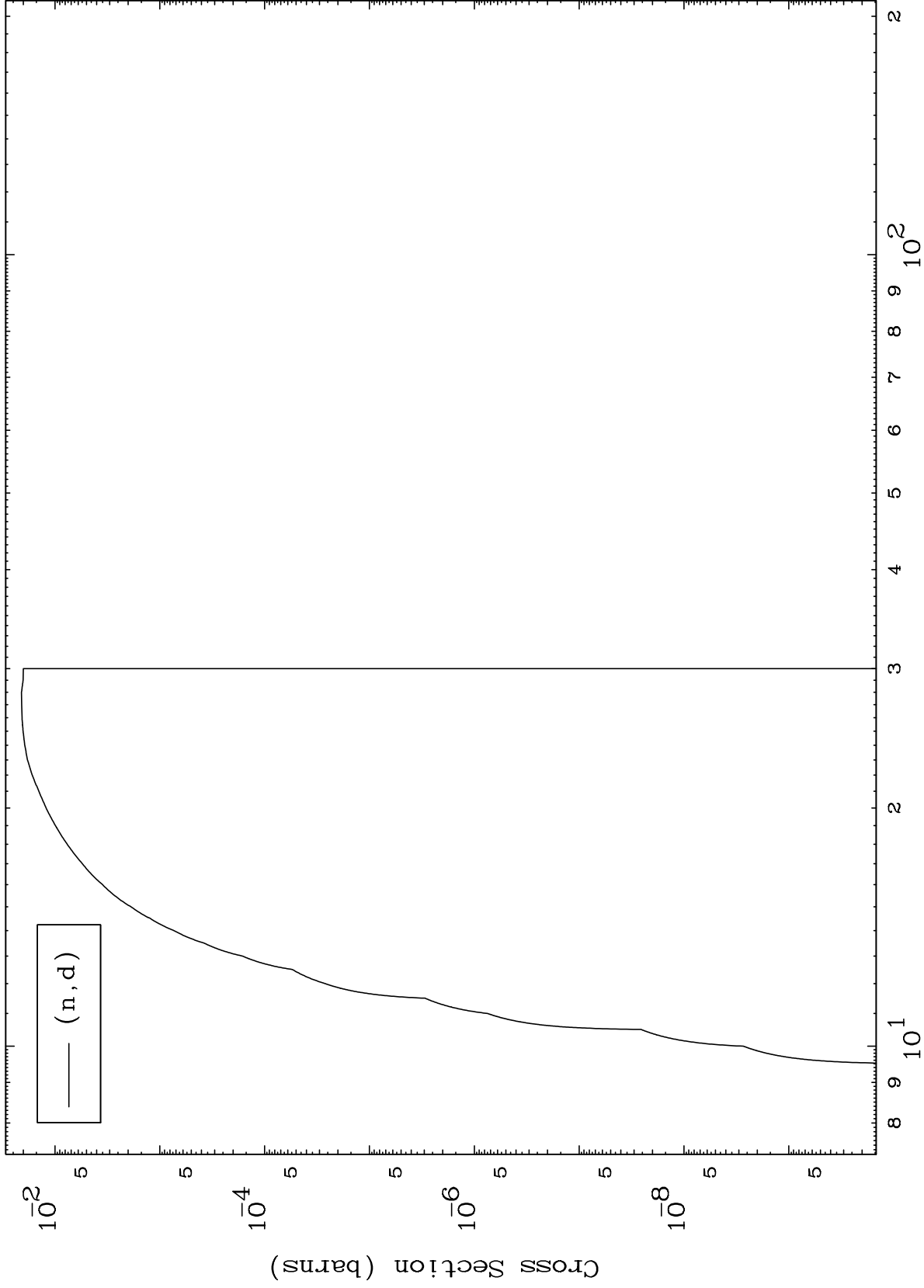
Incident Energy (MeV)

36-Kr-83

MAT 3640

(n,d) Levels  
293 Kelvin Cross Sections

36-Kr-83



11

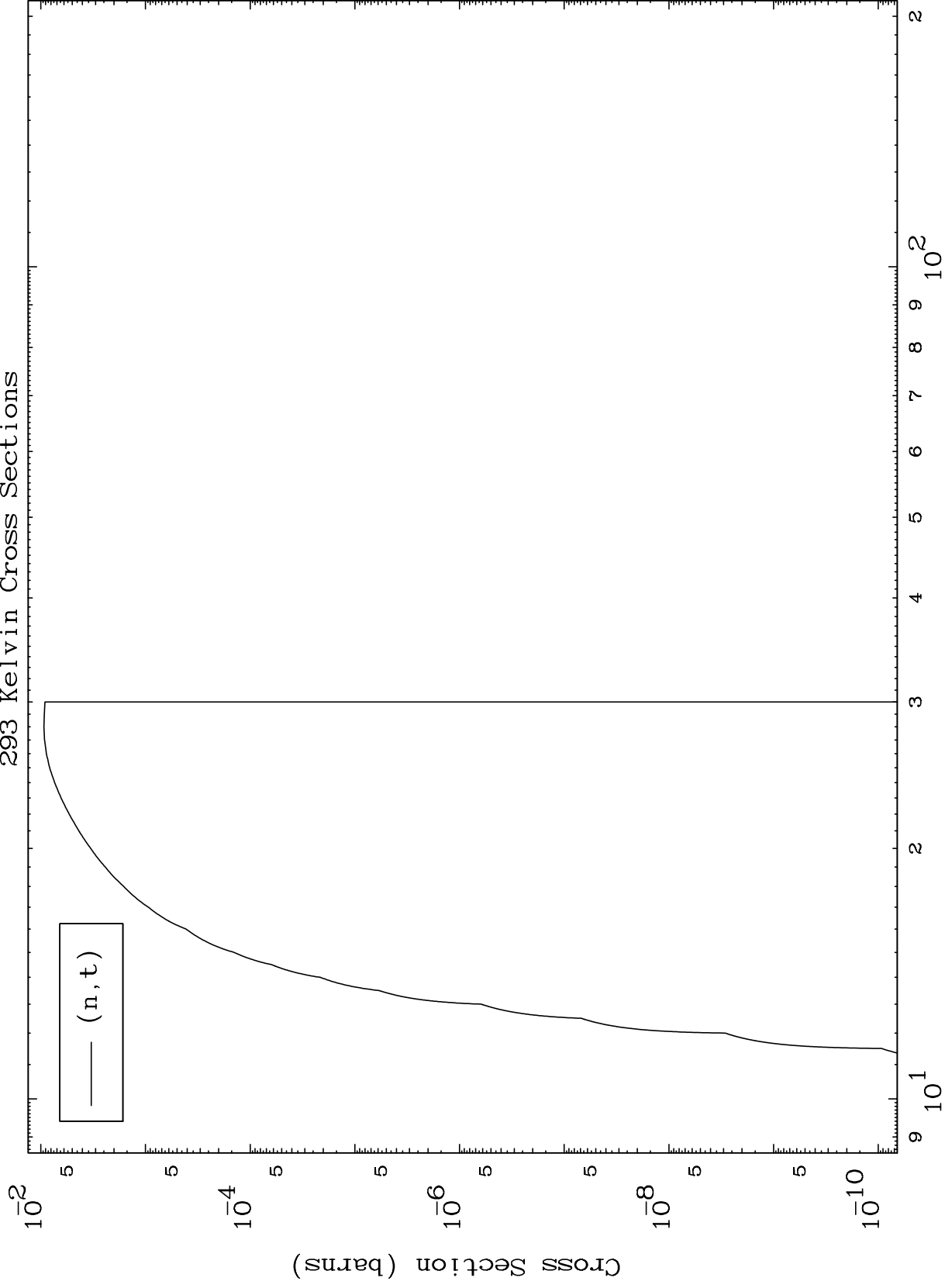
36-Kr-83

36-Kr-83

MAT 3640

(n,t) Levels  
293 Kelvin Cross Sections

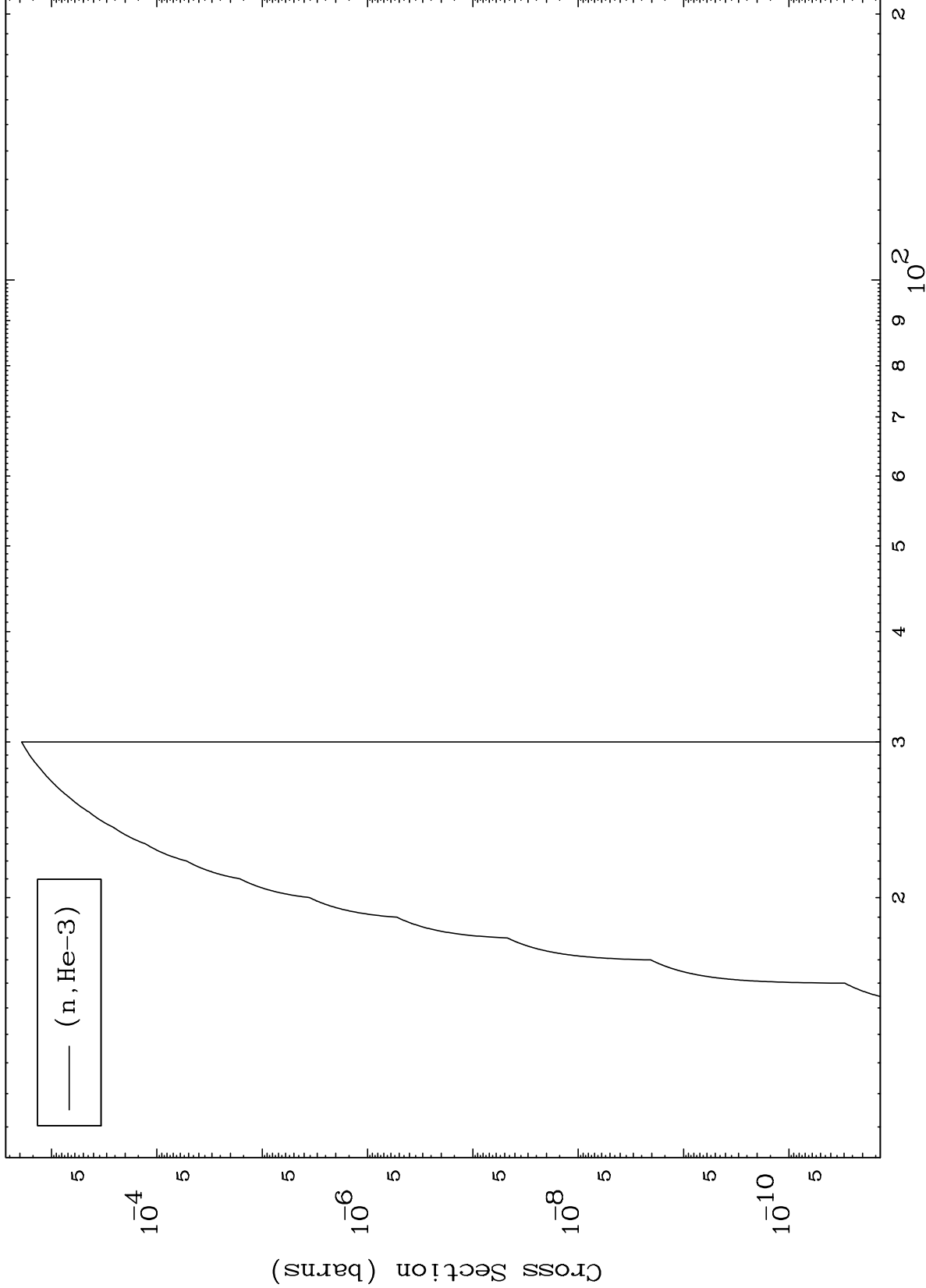
36-Kr-83



12

Incident Energy (MeV)

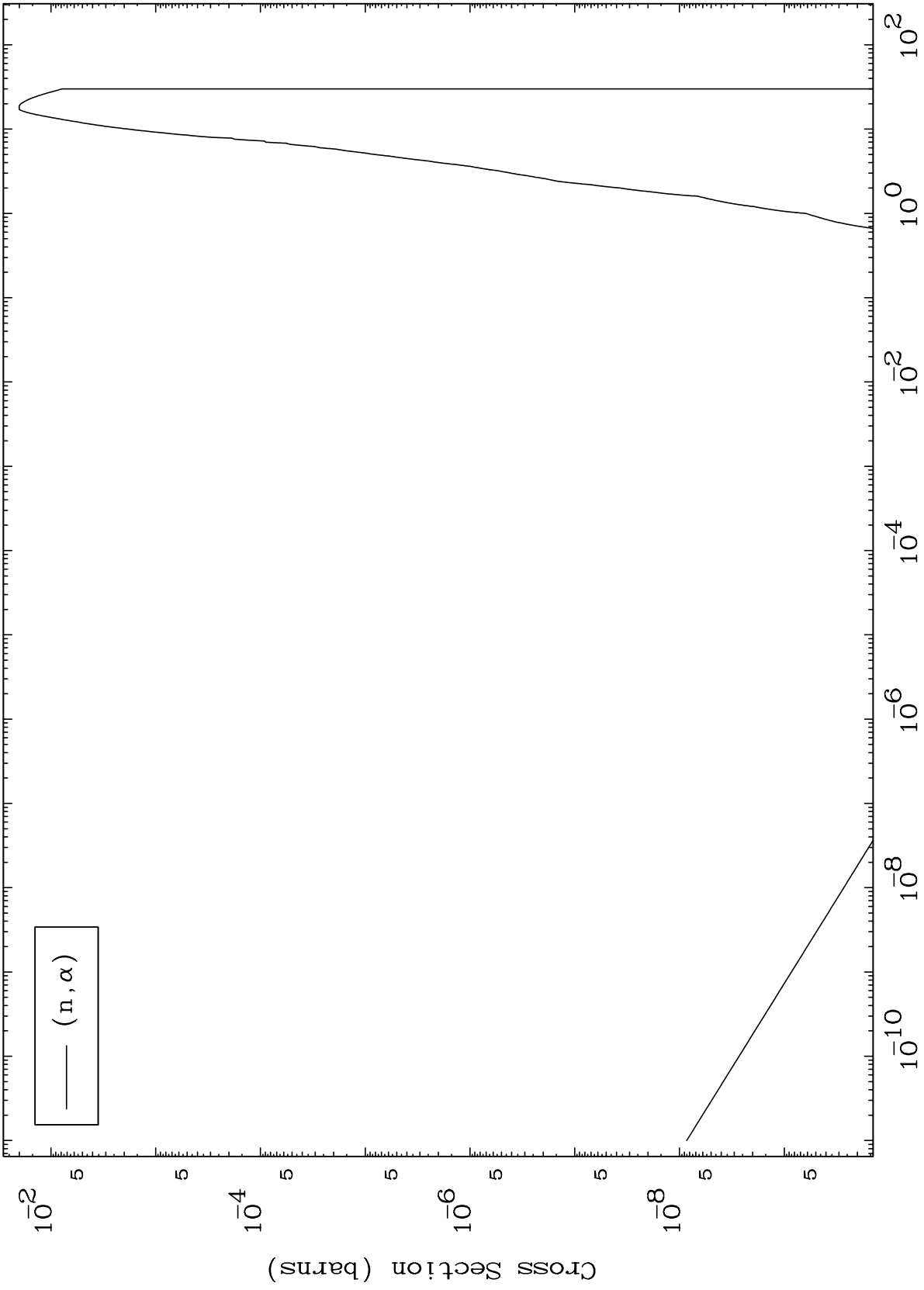
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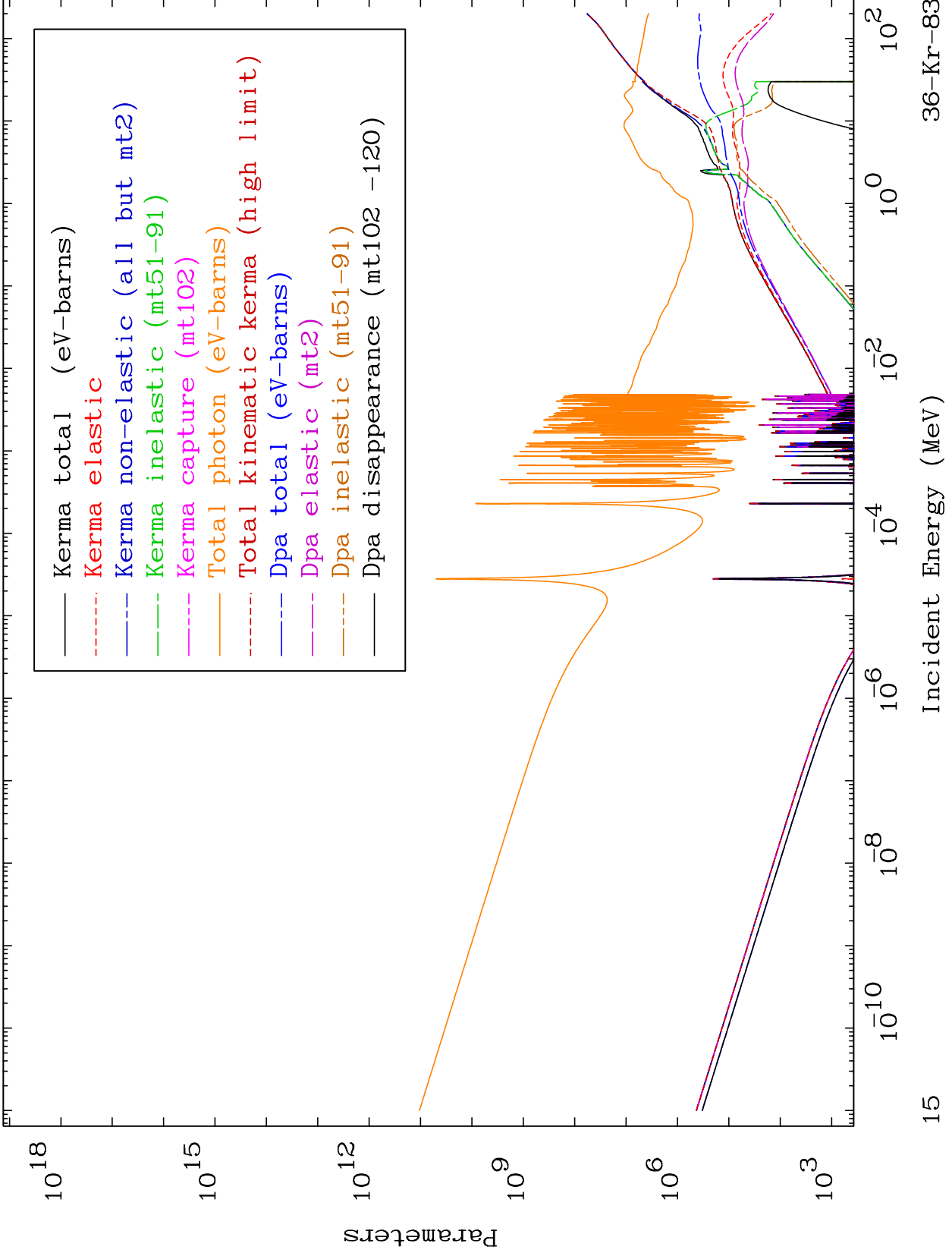


MAT 3640

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

36-Kr-83



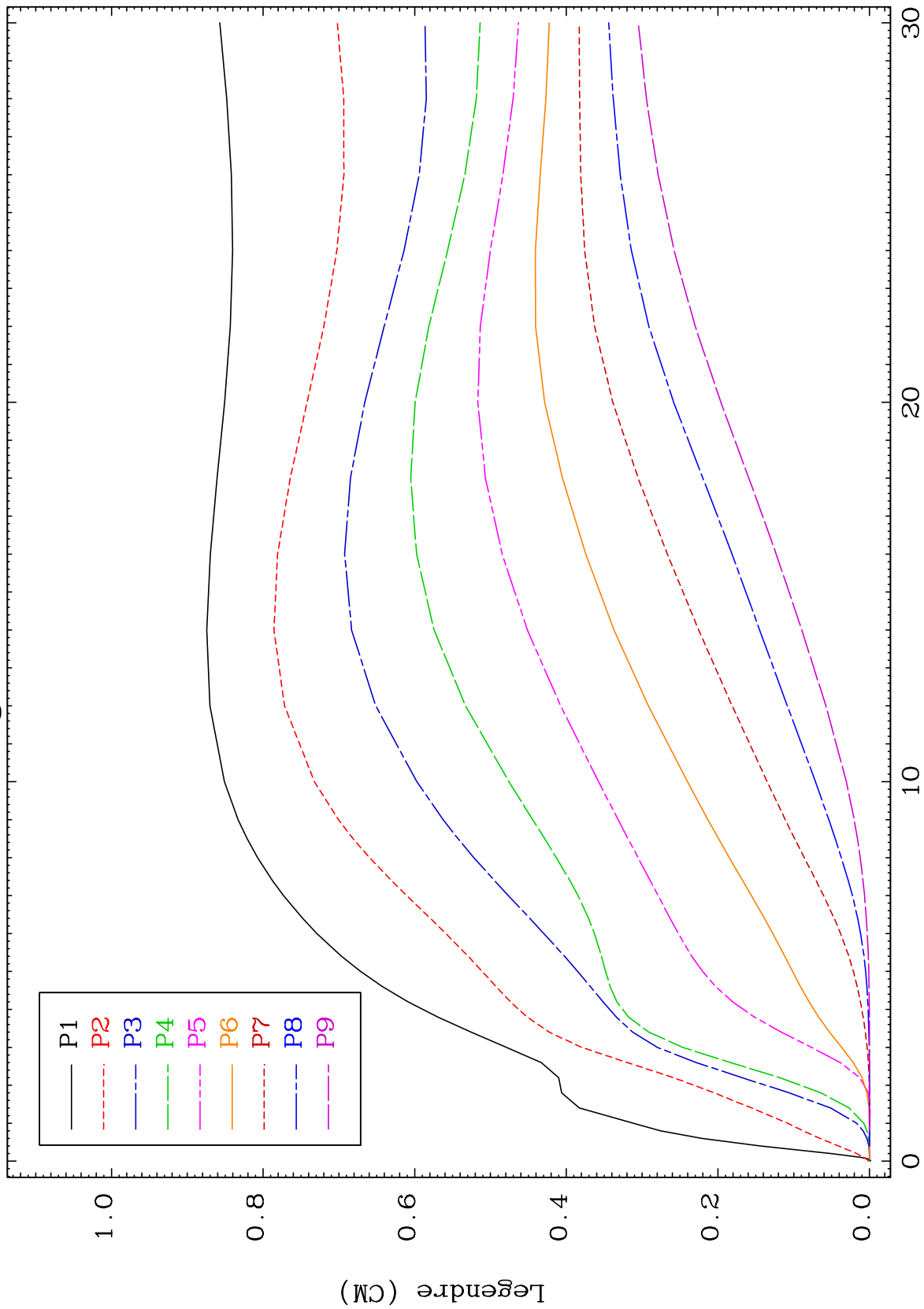




MAT 3640

Elastic Legendre Coefficients

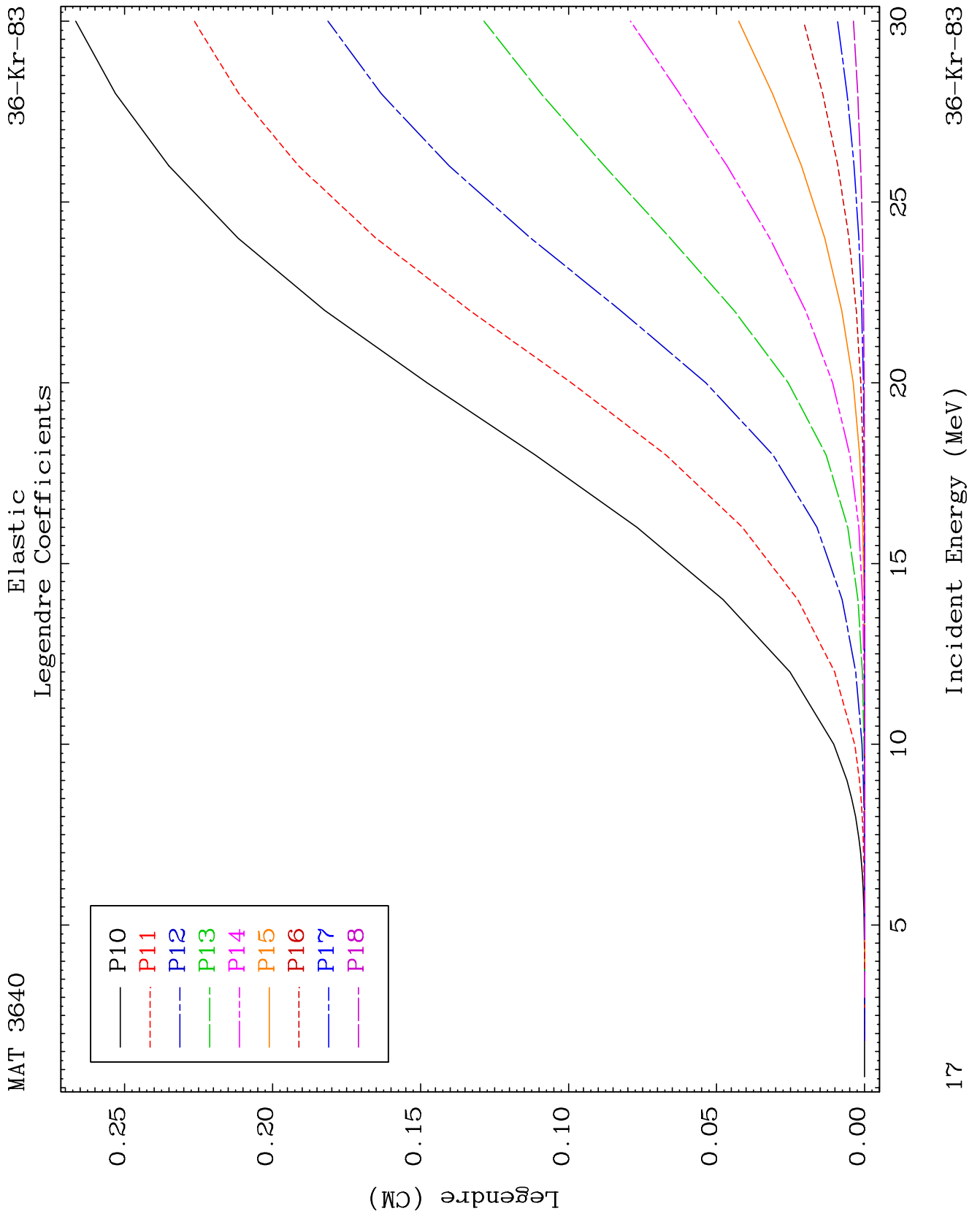
<sup>36</sup>Kr-83

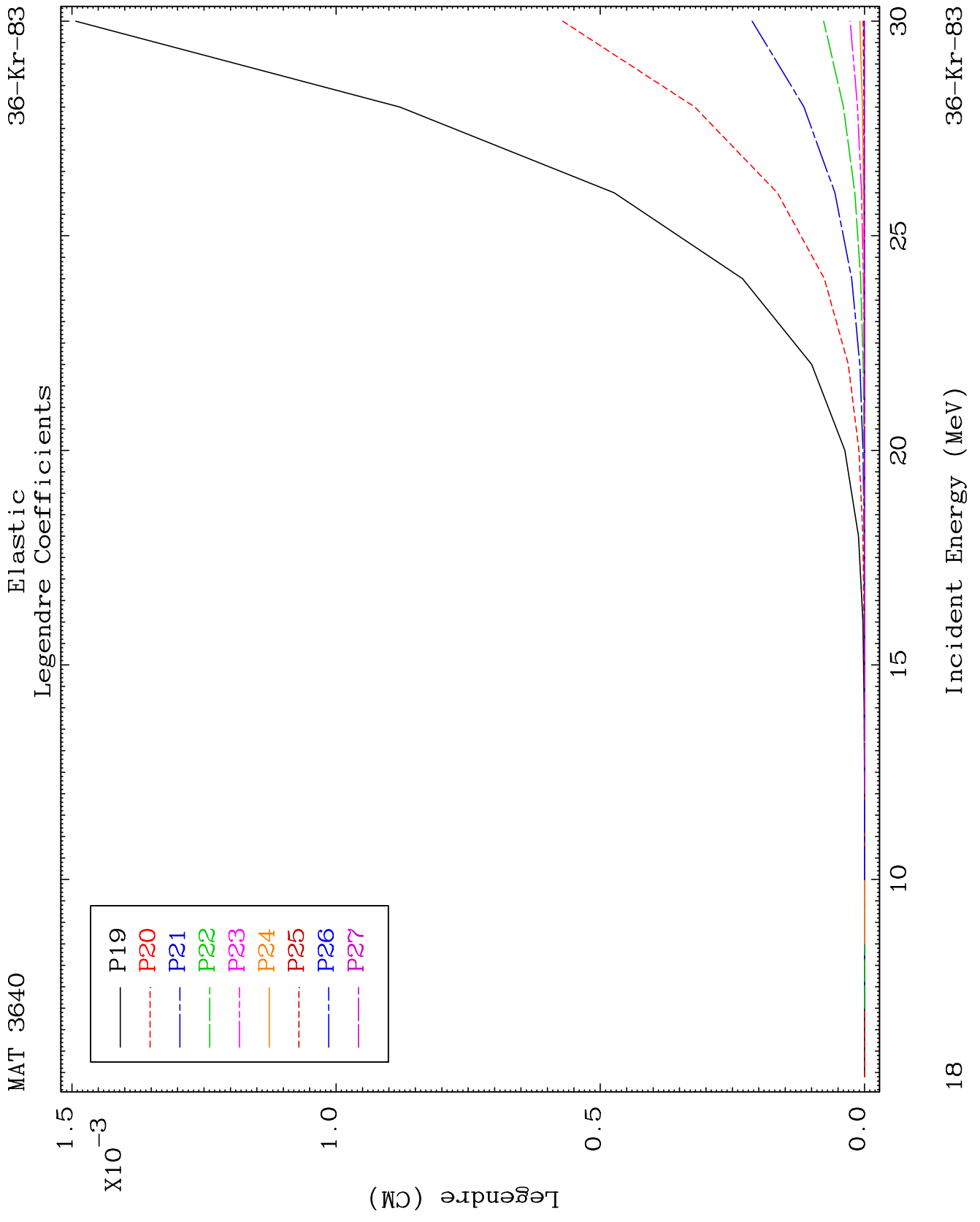


16

Incident Energy (MeV)

<sup>36</sup>Kr-83

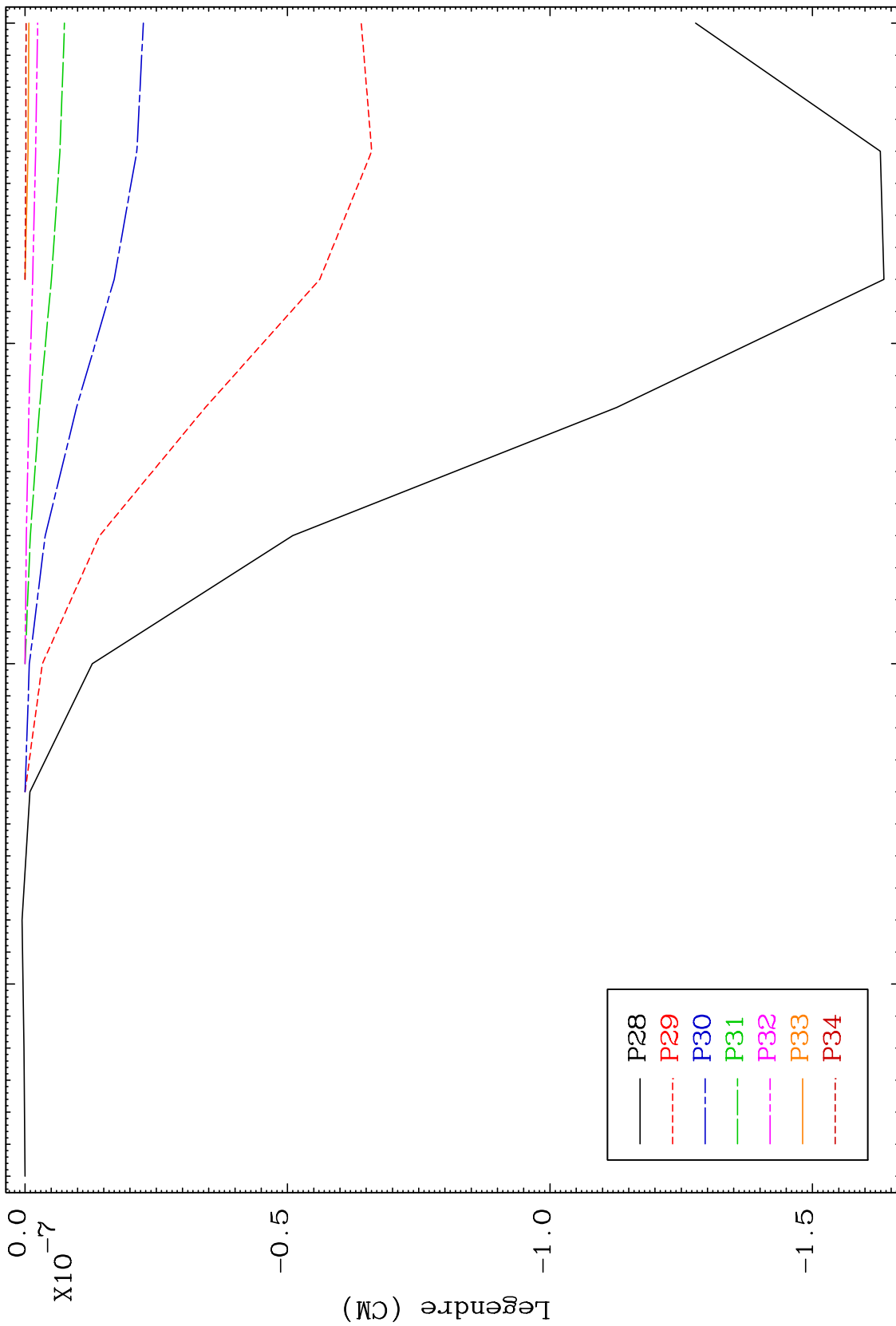




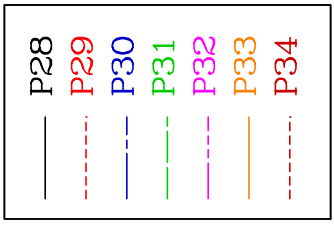
MAT 3640

36-Kr-83

Elastic Legendre Coefficients



Legendre (CM)  
X10<sup>-7</sup>



19

Incident Energy (MeV)

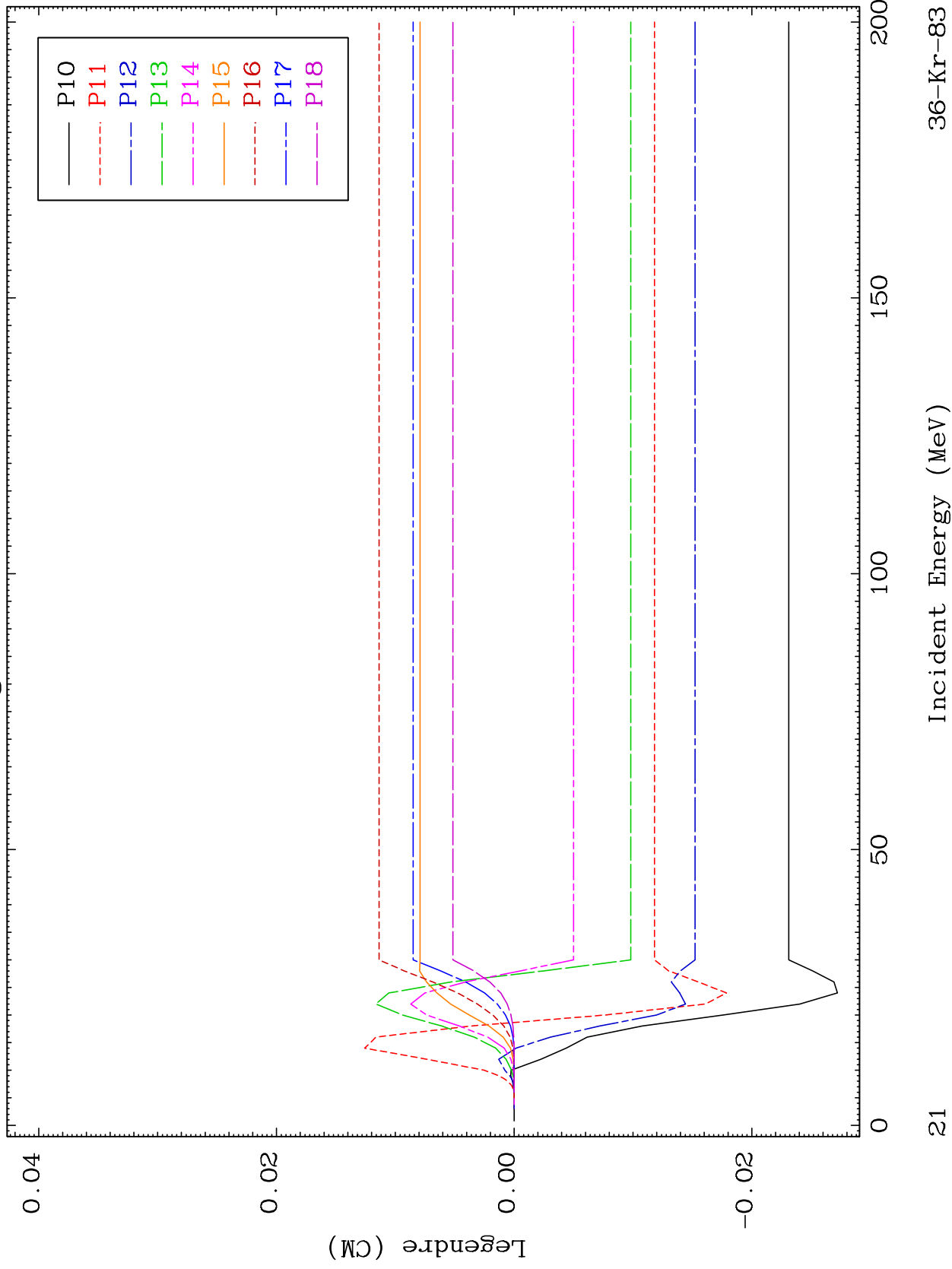
36-Kr-83



MAT 3640

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

36-Kr-83



21

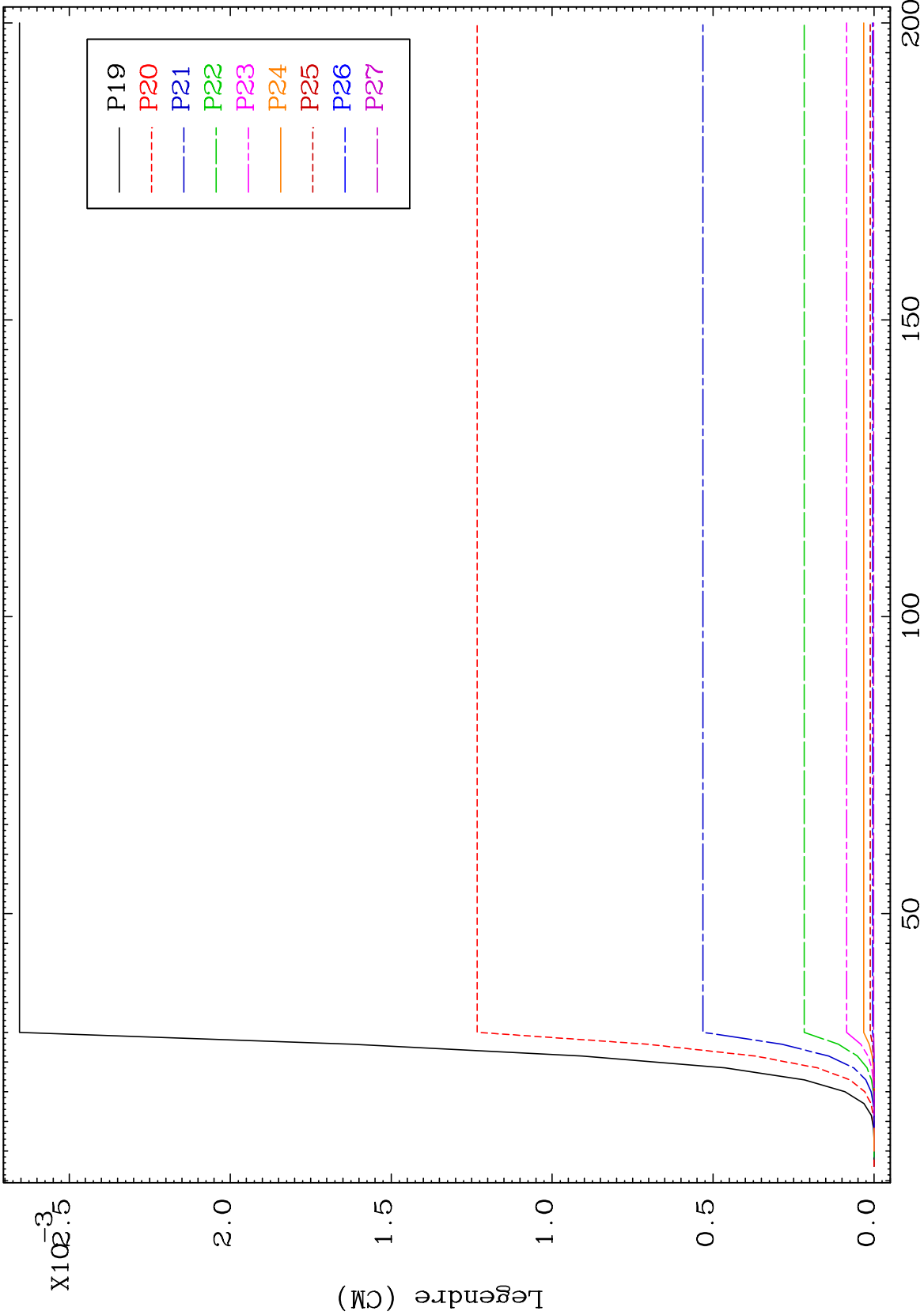
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



22

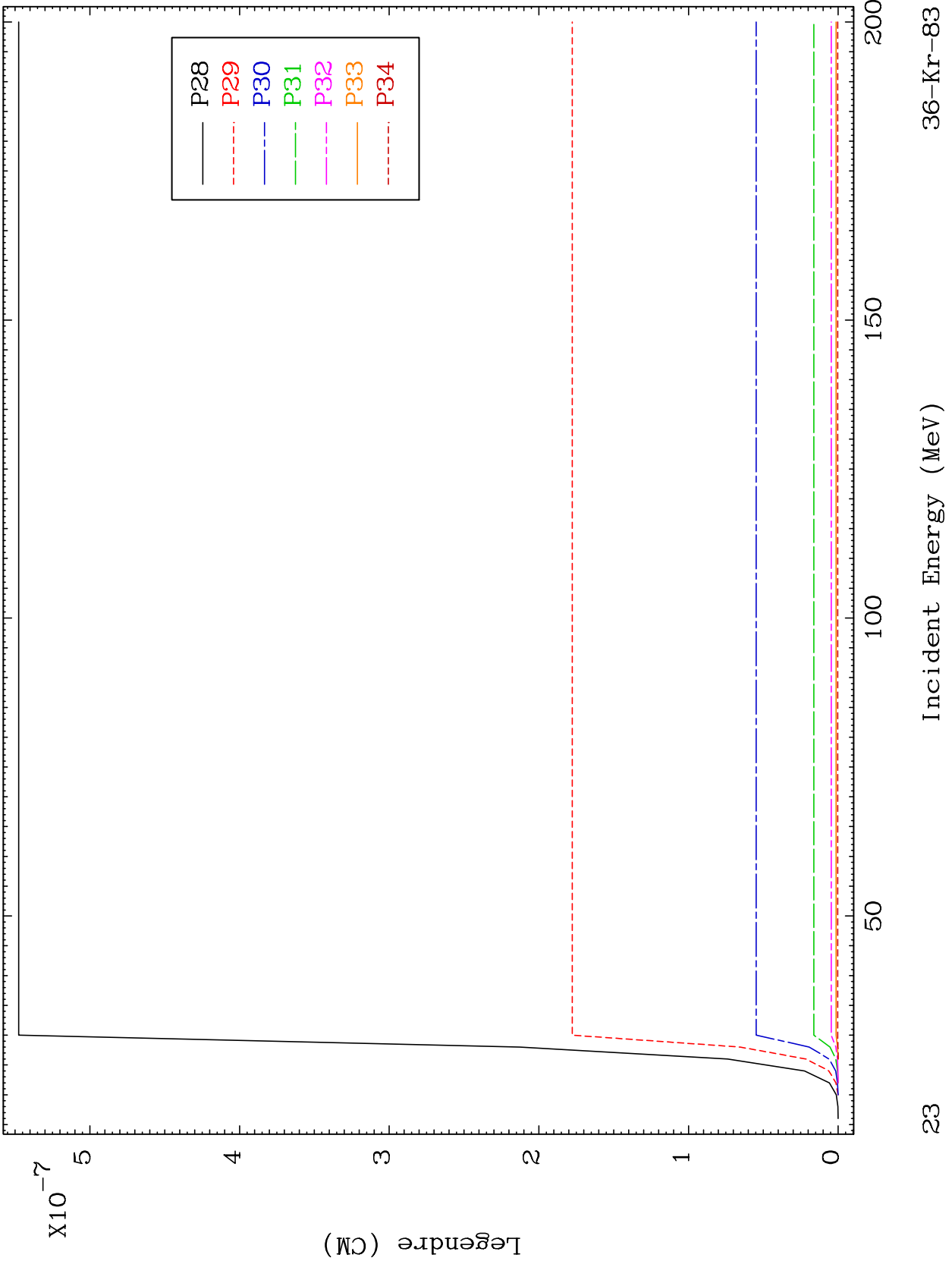
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83

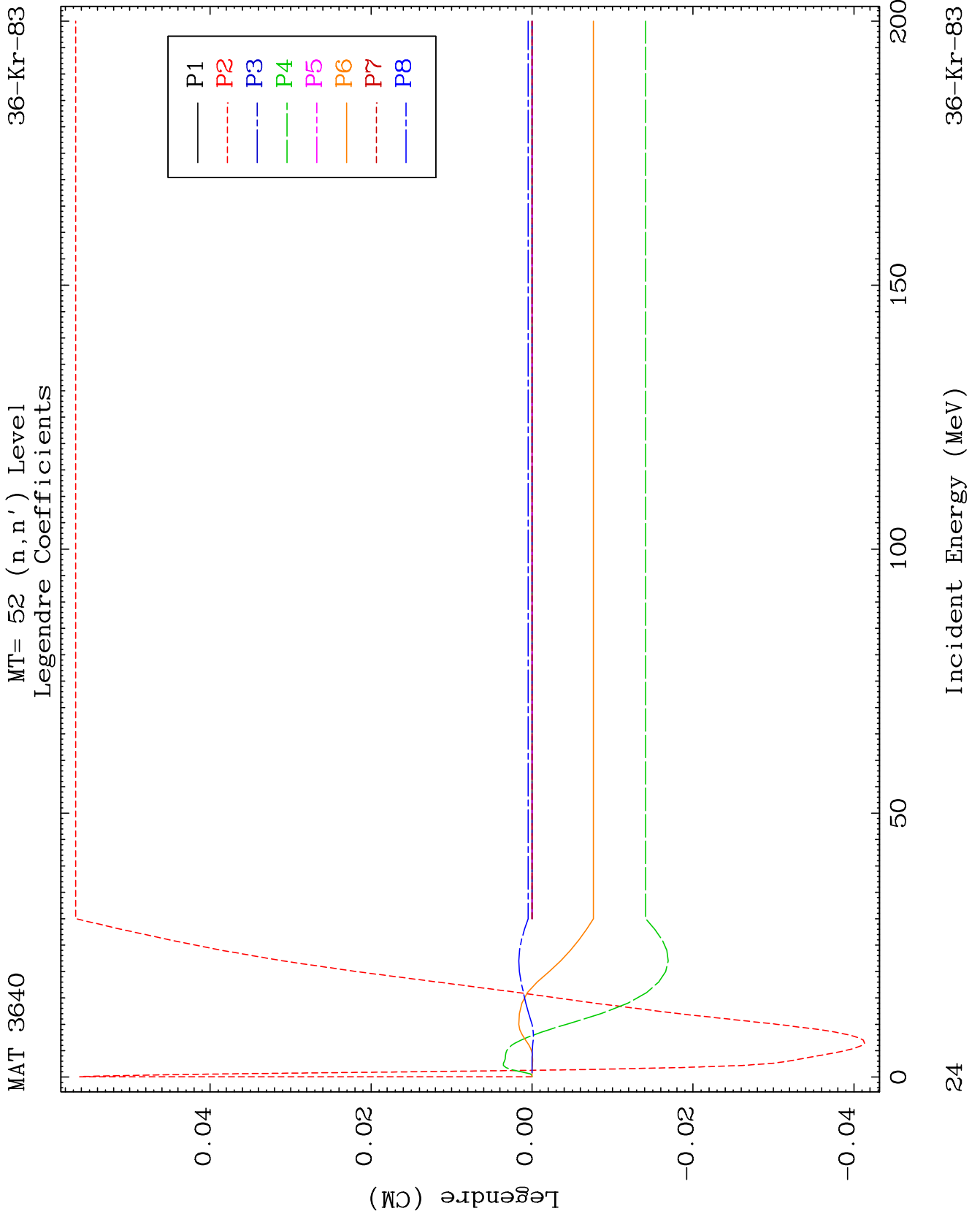


23

Incident Energy (MeV)

36-Kr-83

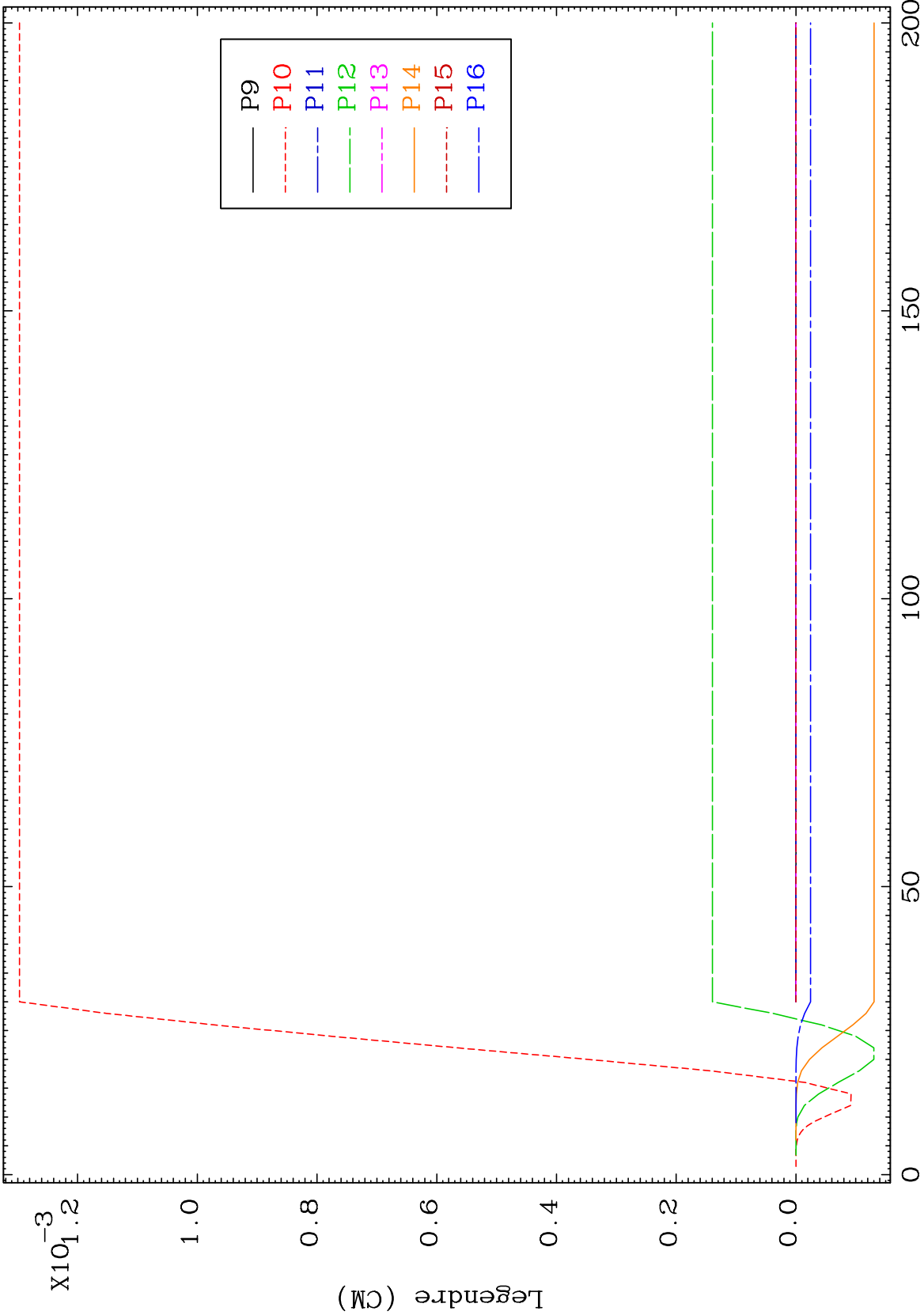




MAT 3640

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

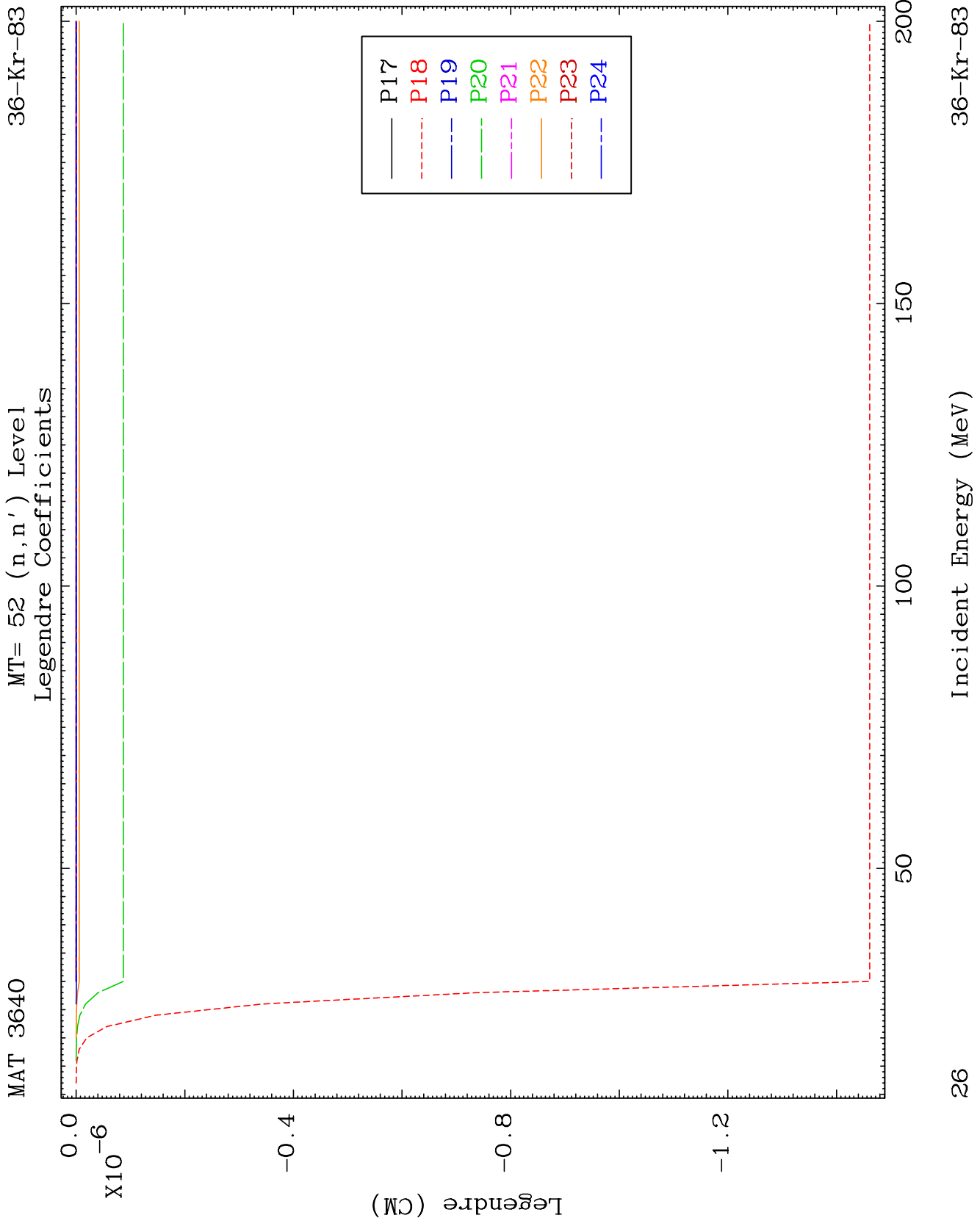
36-Kr-83



25

Incident Energy (MeV)

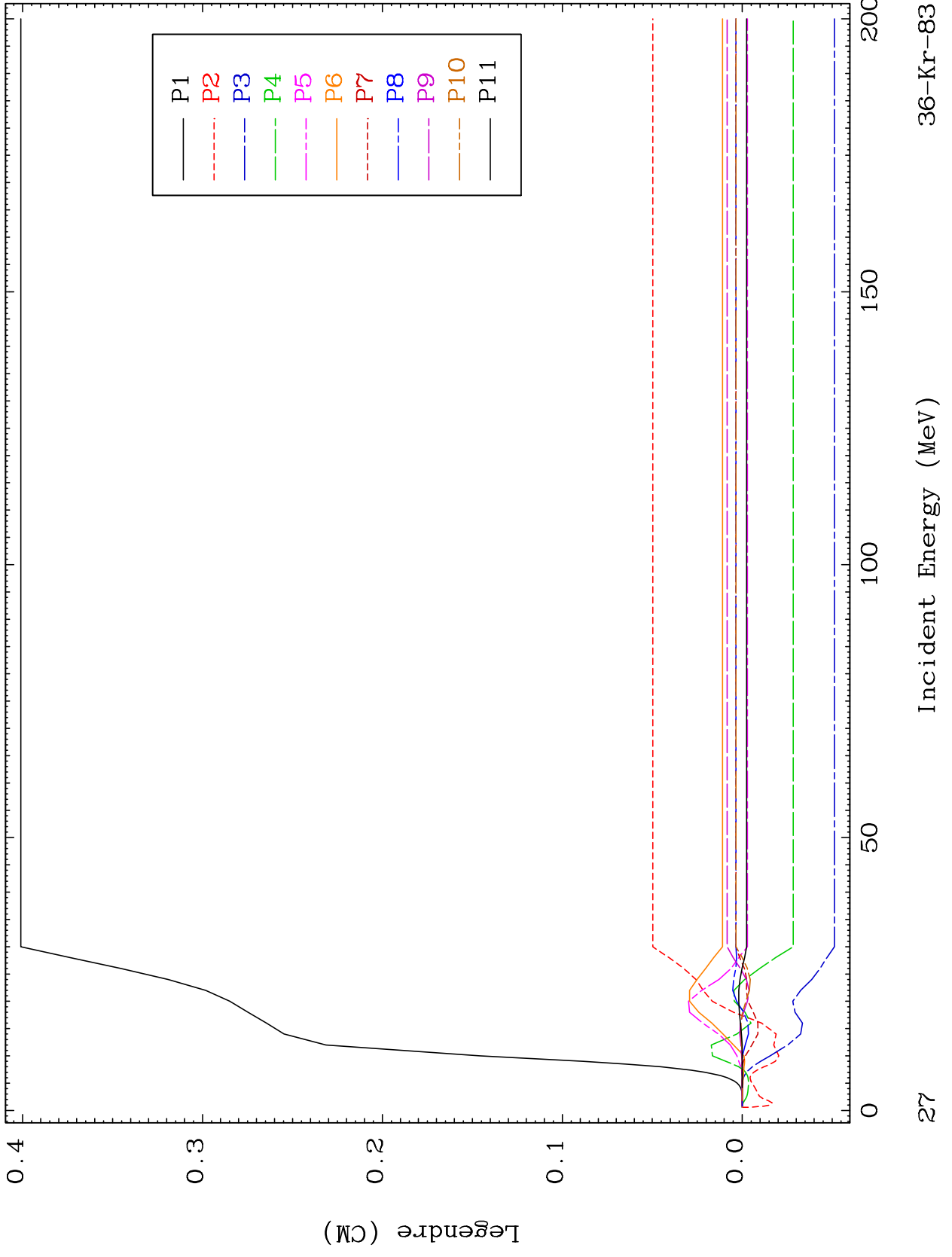
36-Kr-83



MAT 3640

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

36-Kr-83



27

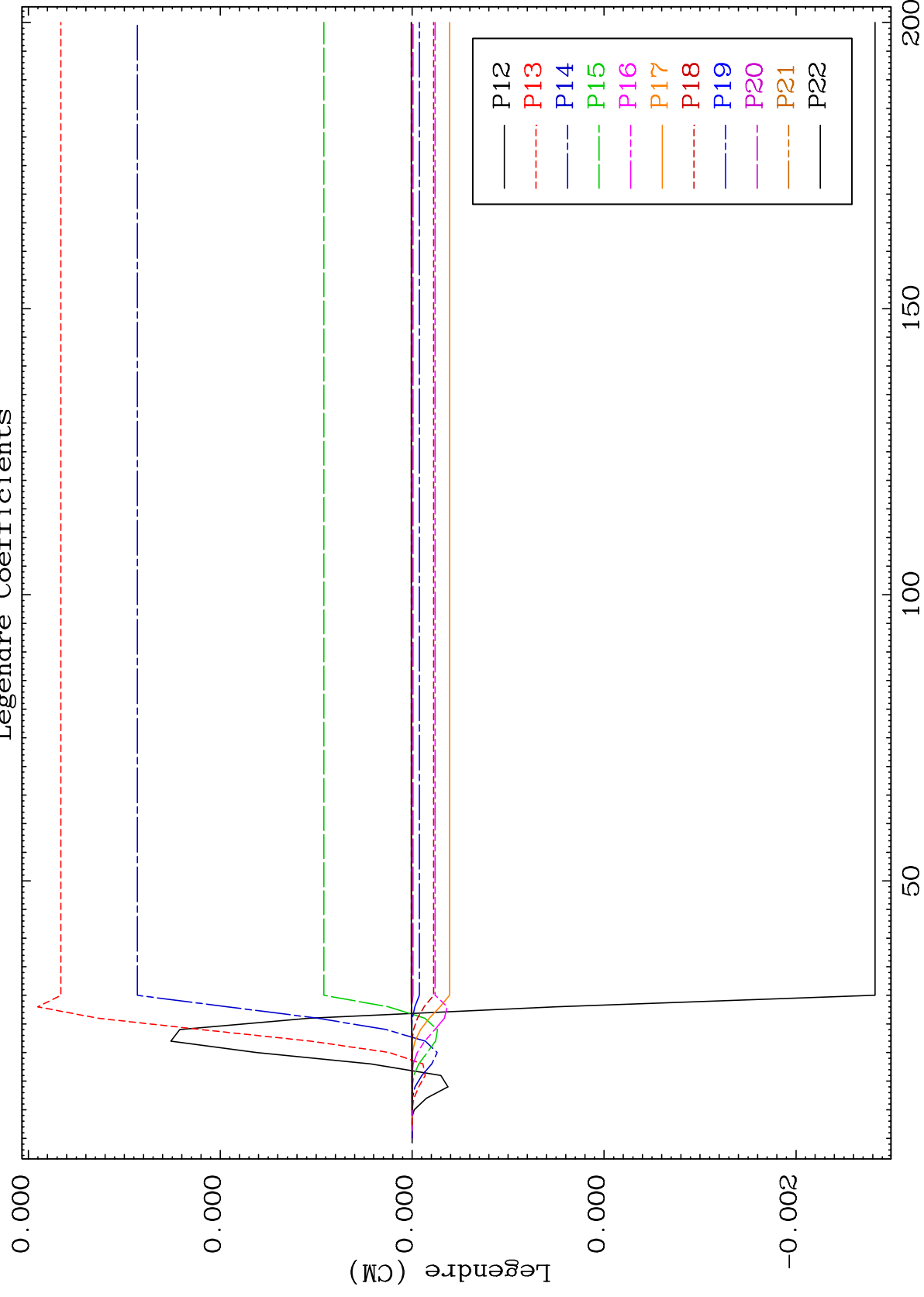
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



28

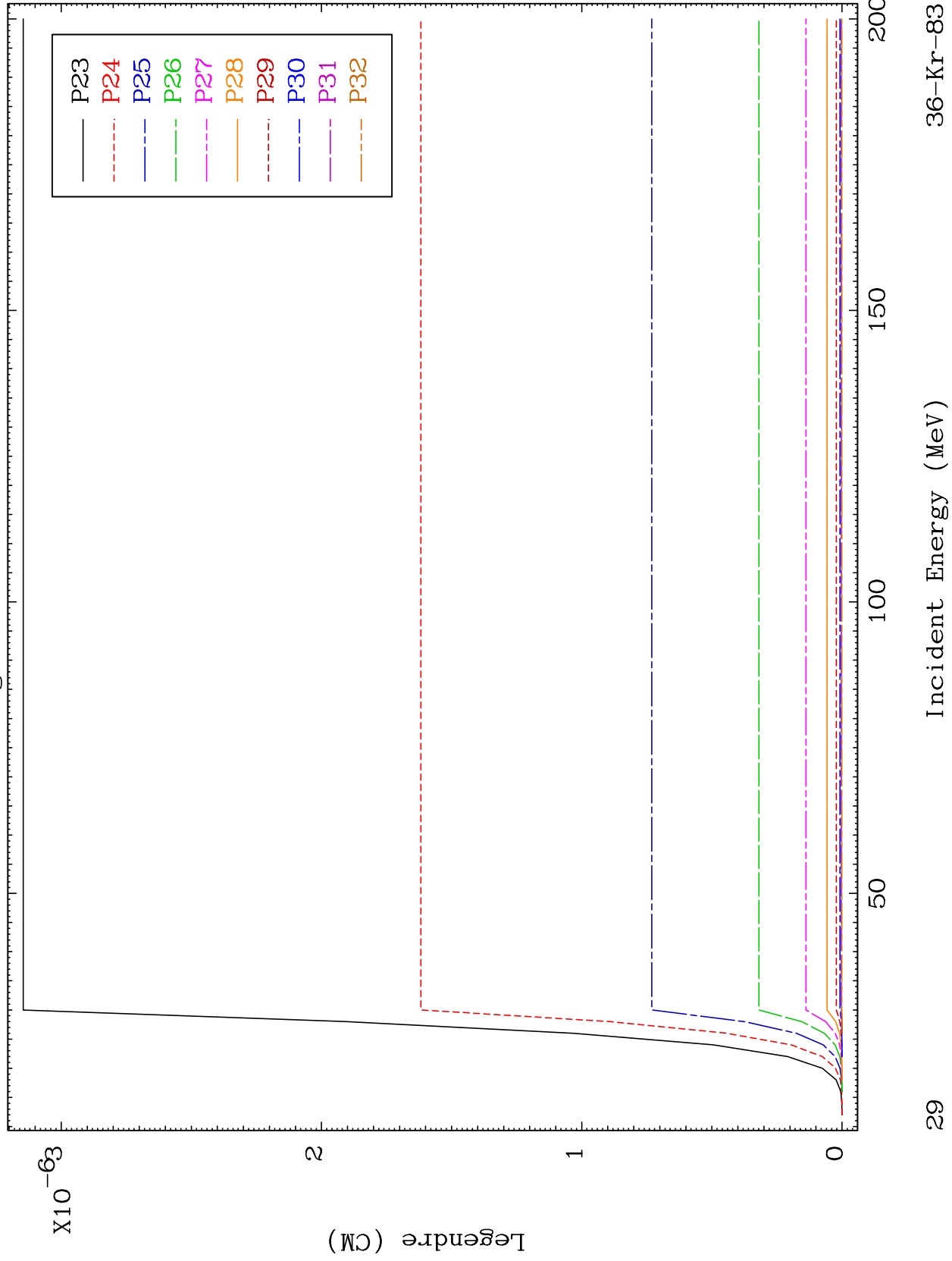
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



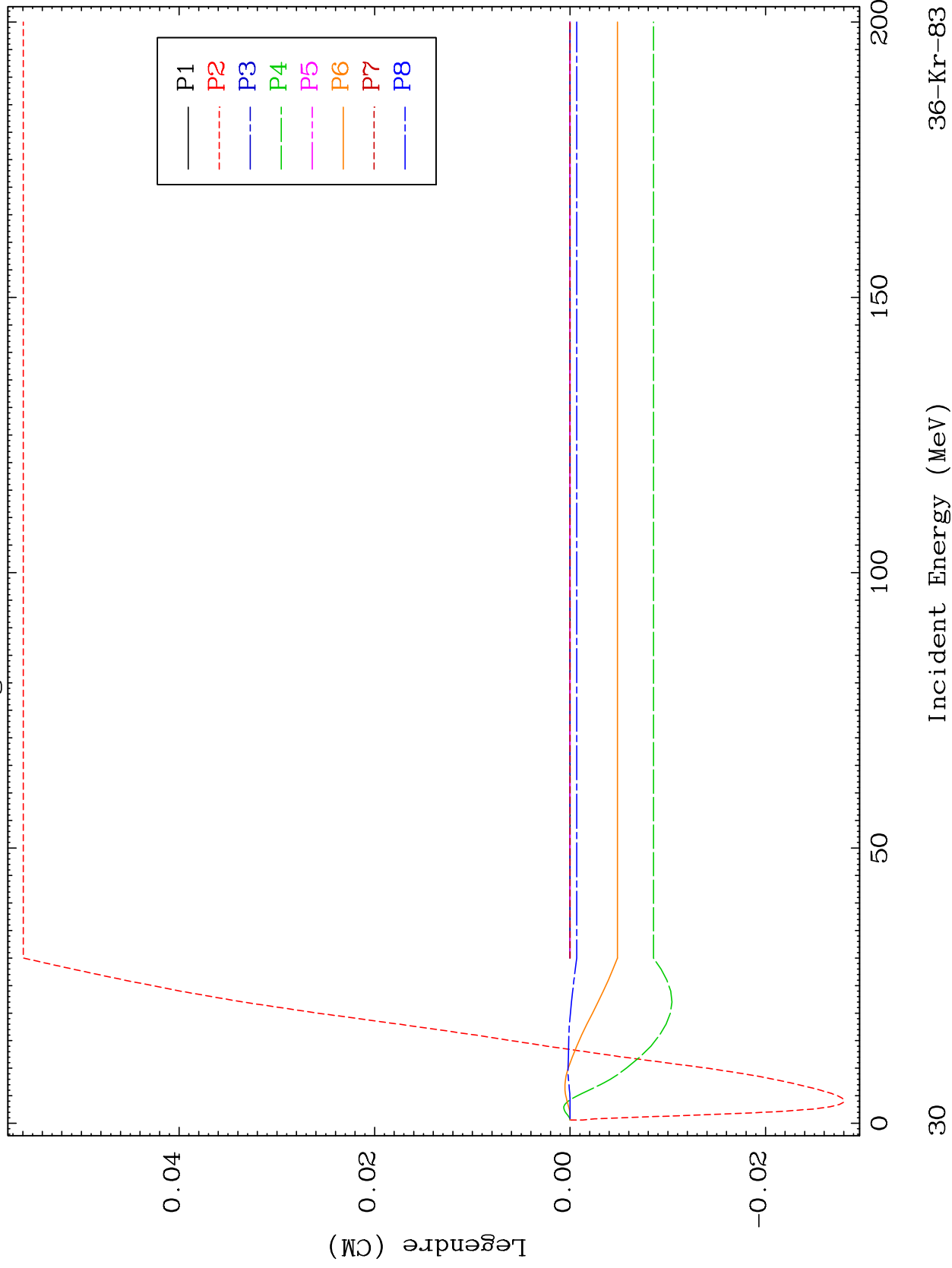
29

36-Kr-83

MAT 3640

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

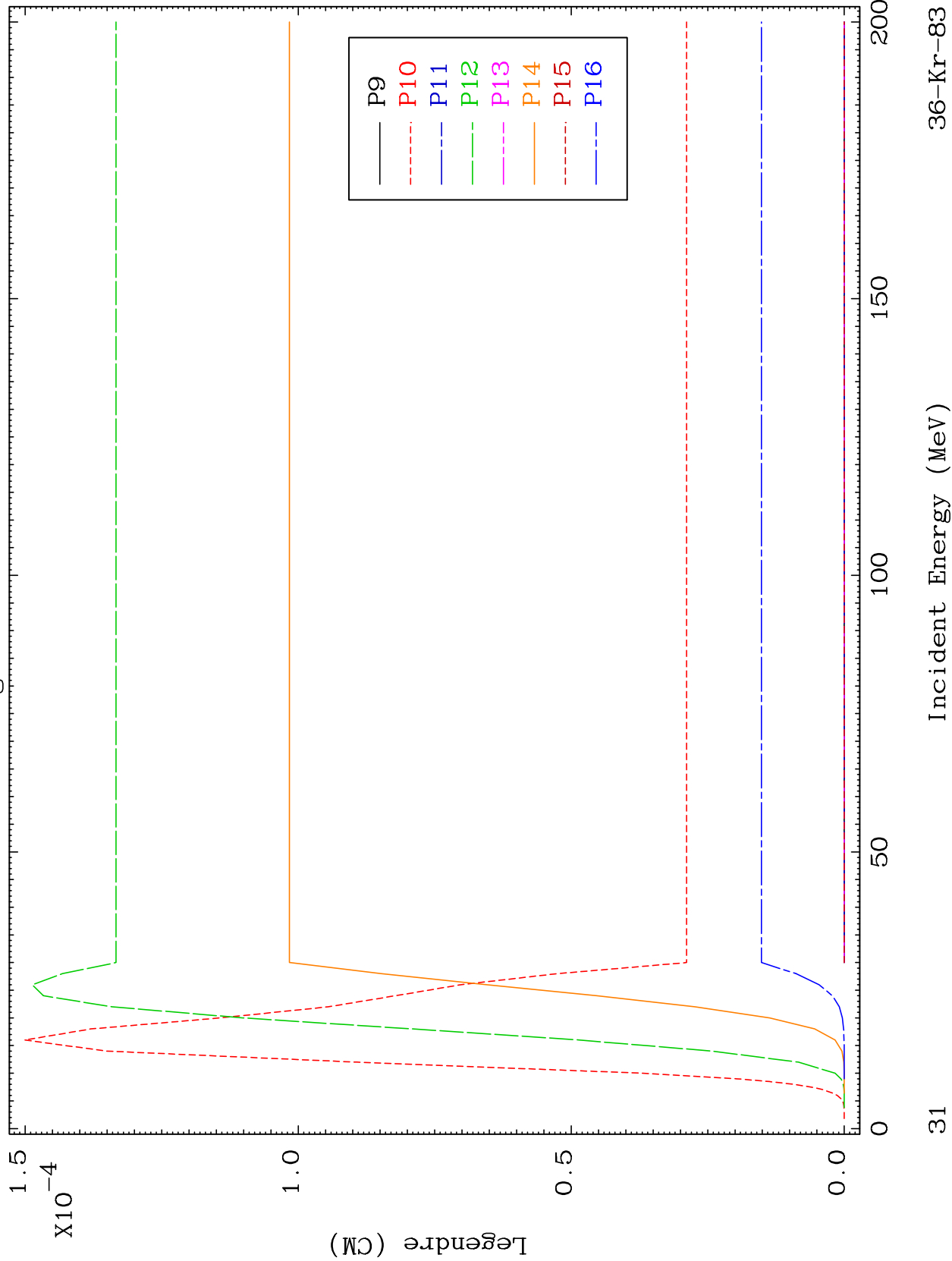
36-Kr-83



MAT 3640

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

36-Kr-83



31

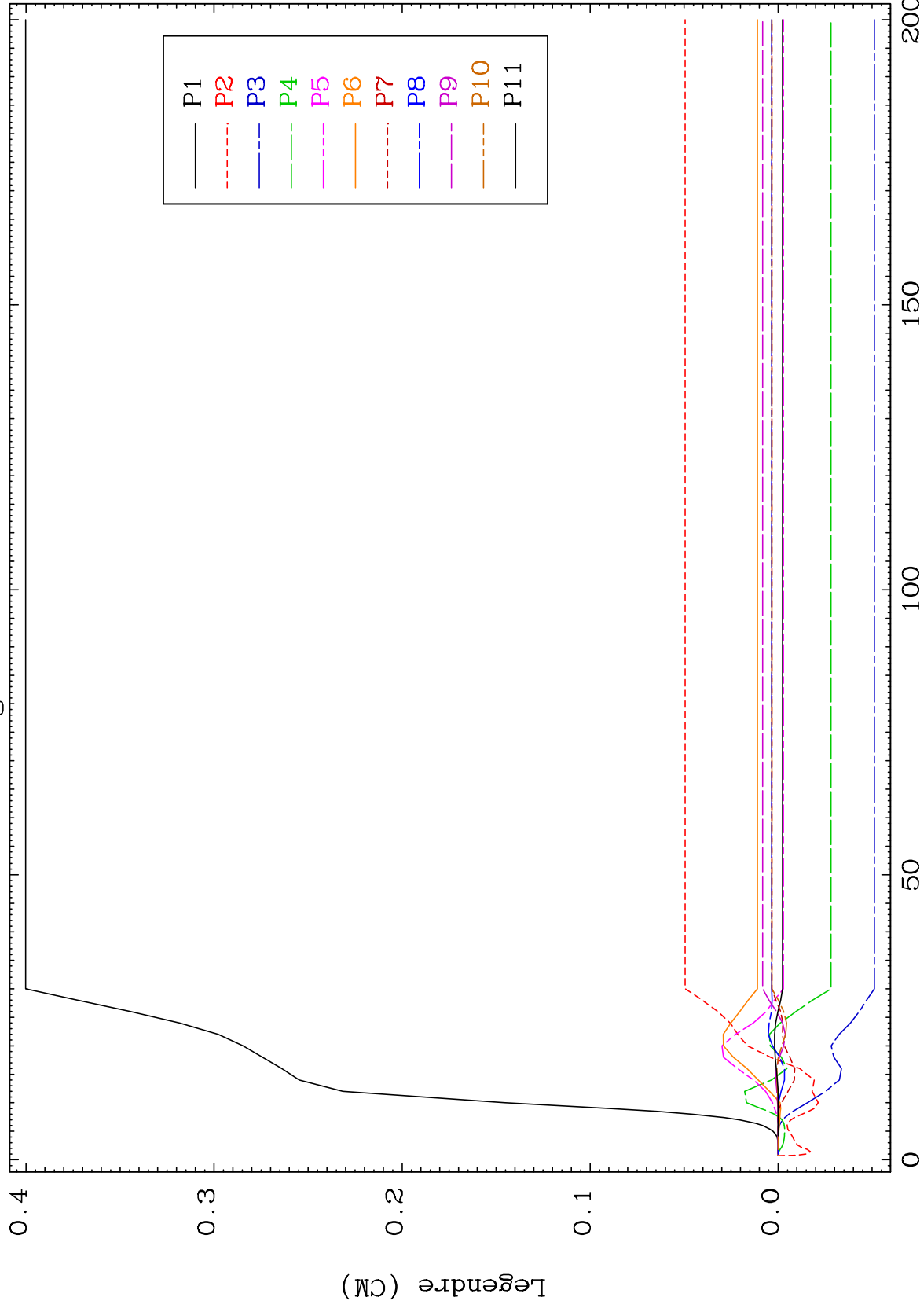




MAT 3640

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

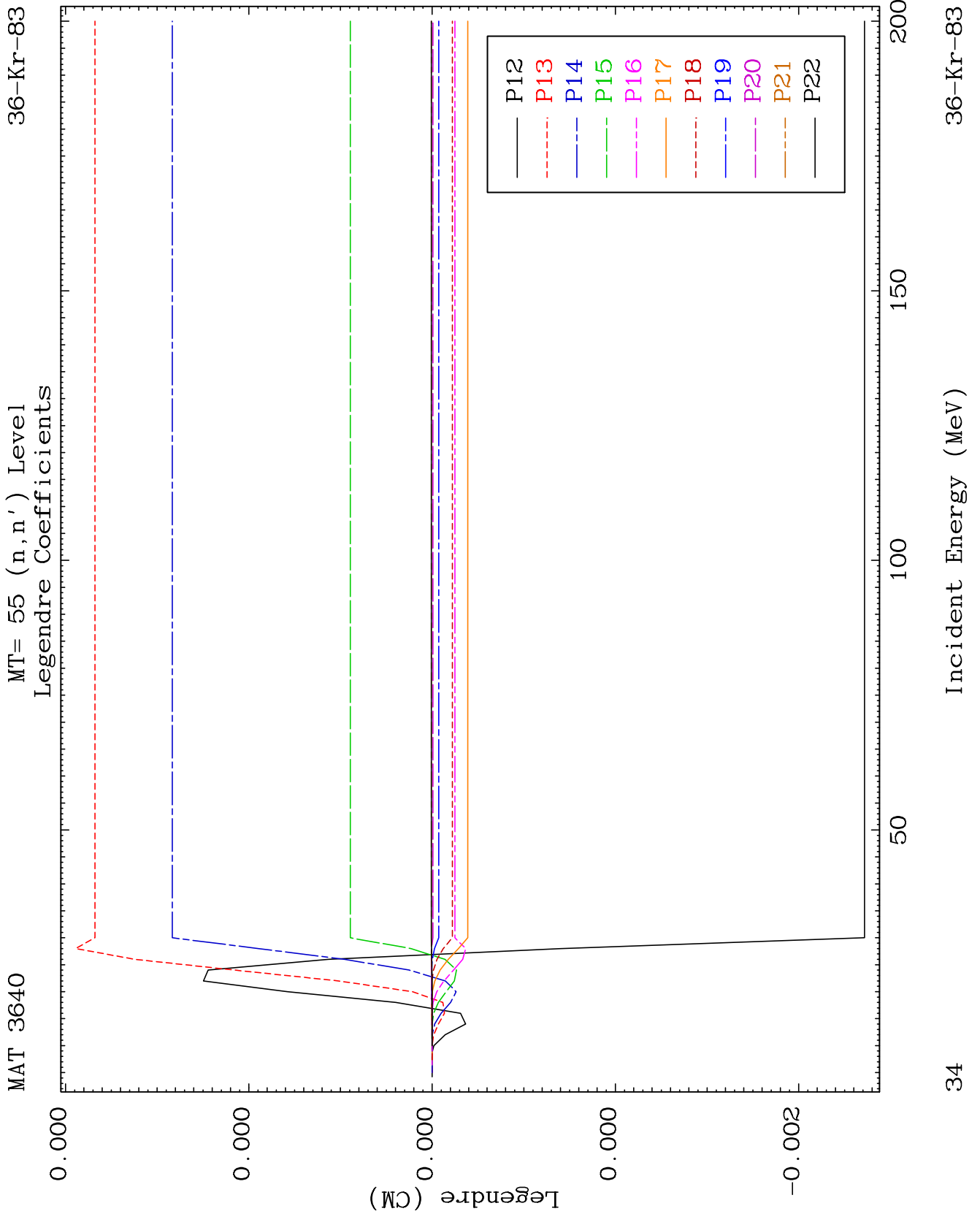
36-Kr-83



36-Kr-83

Incident Energy (MeV)

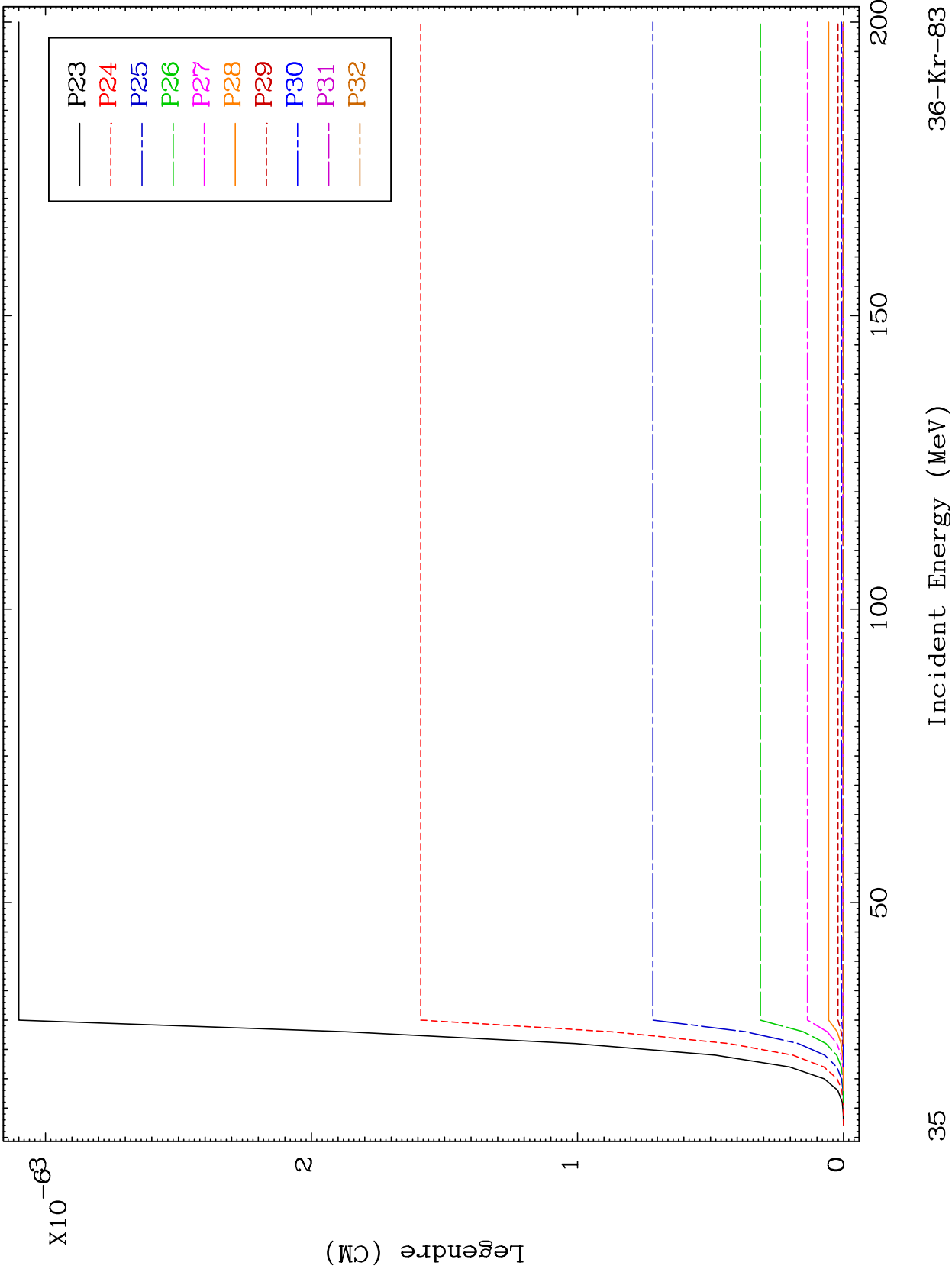
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MAT 3640

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

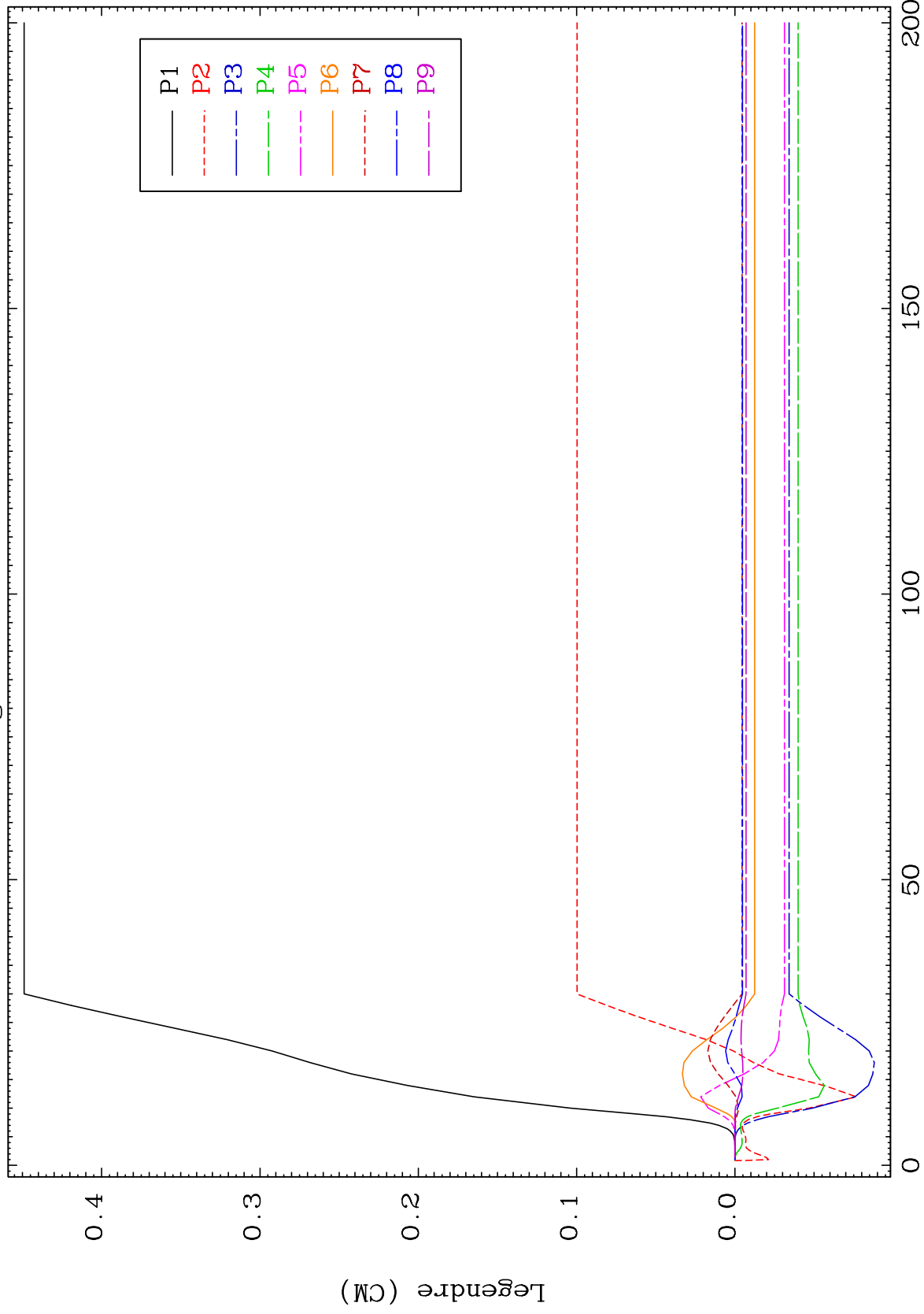
36-Kr-83



MAT 3640

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

36-Kr-83



36

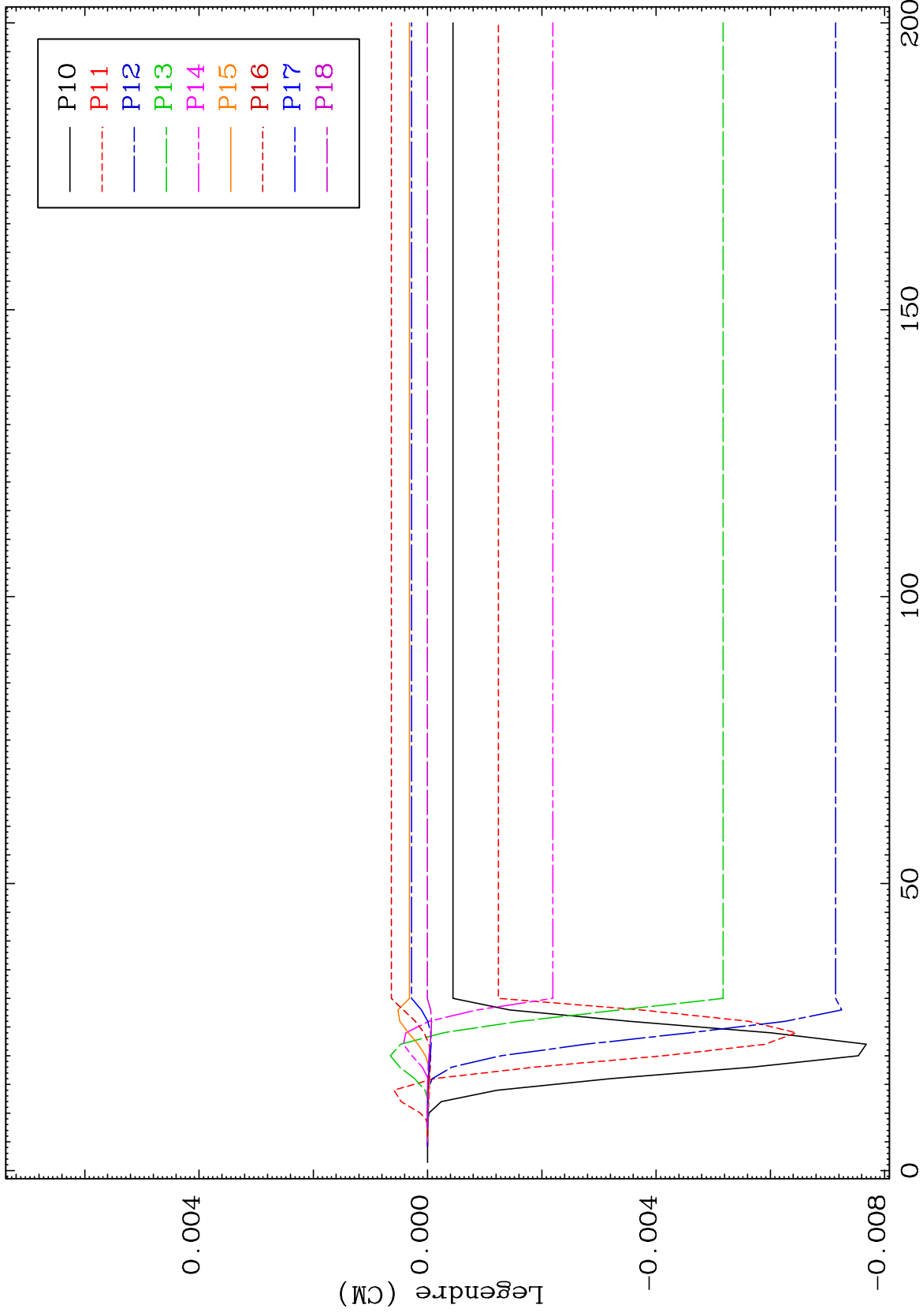
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



37

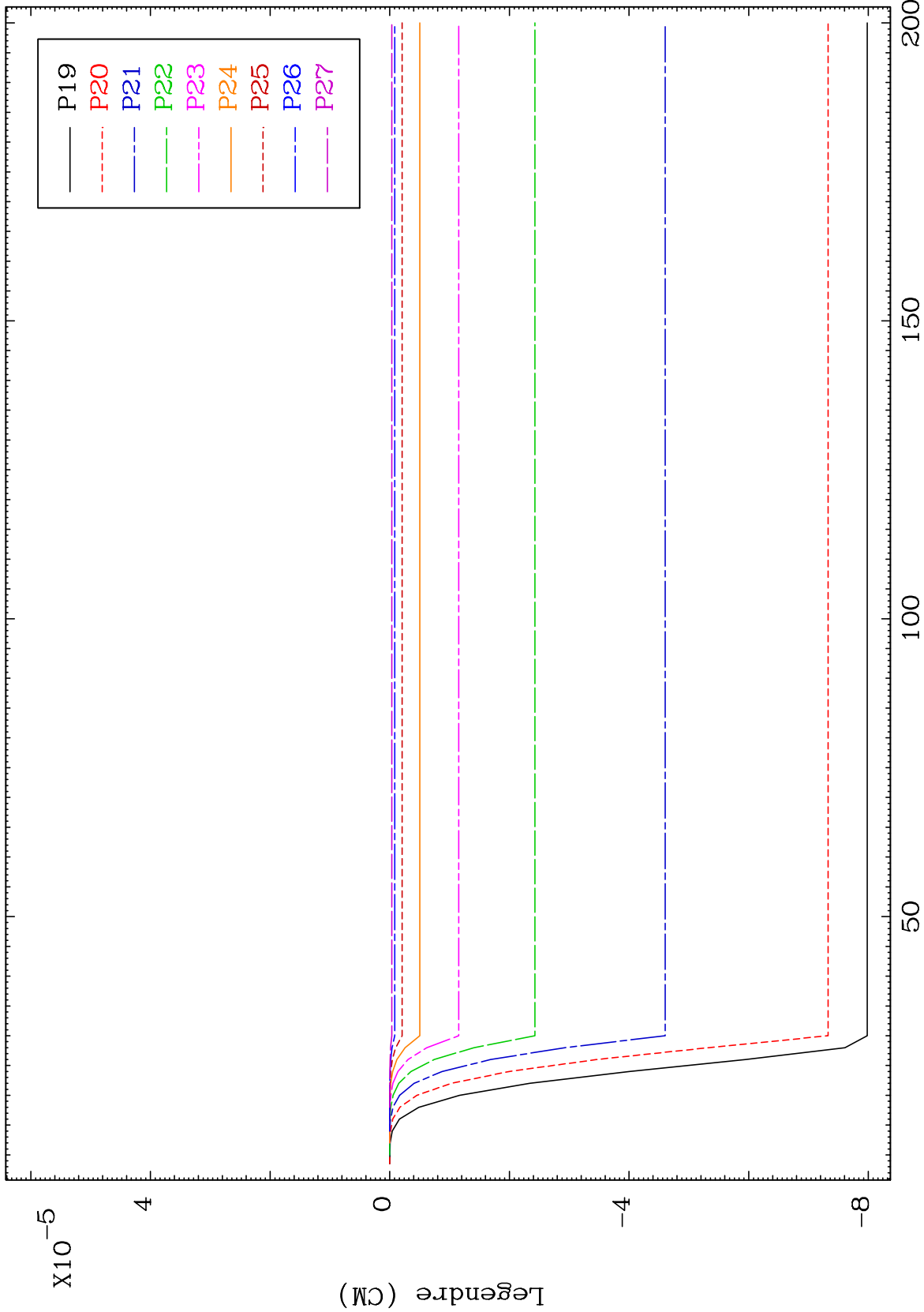
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



38

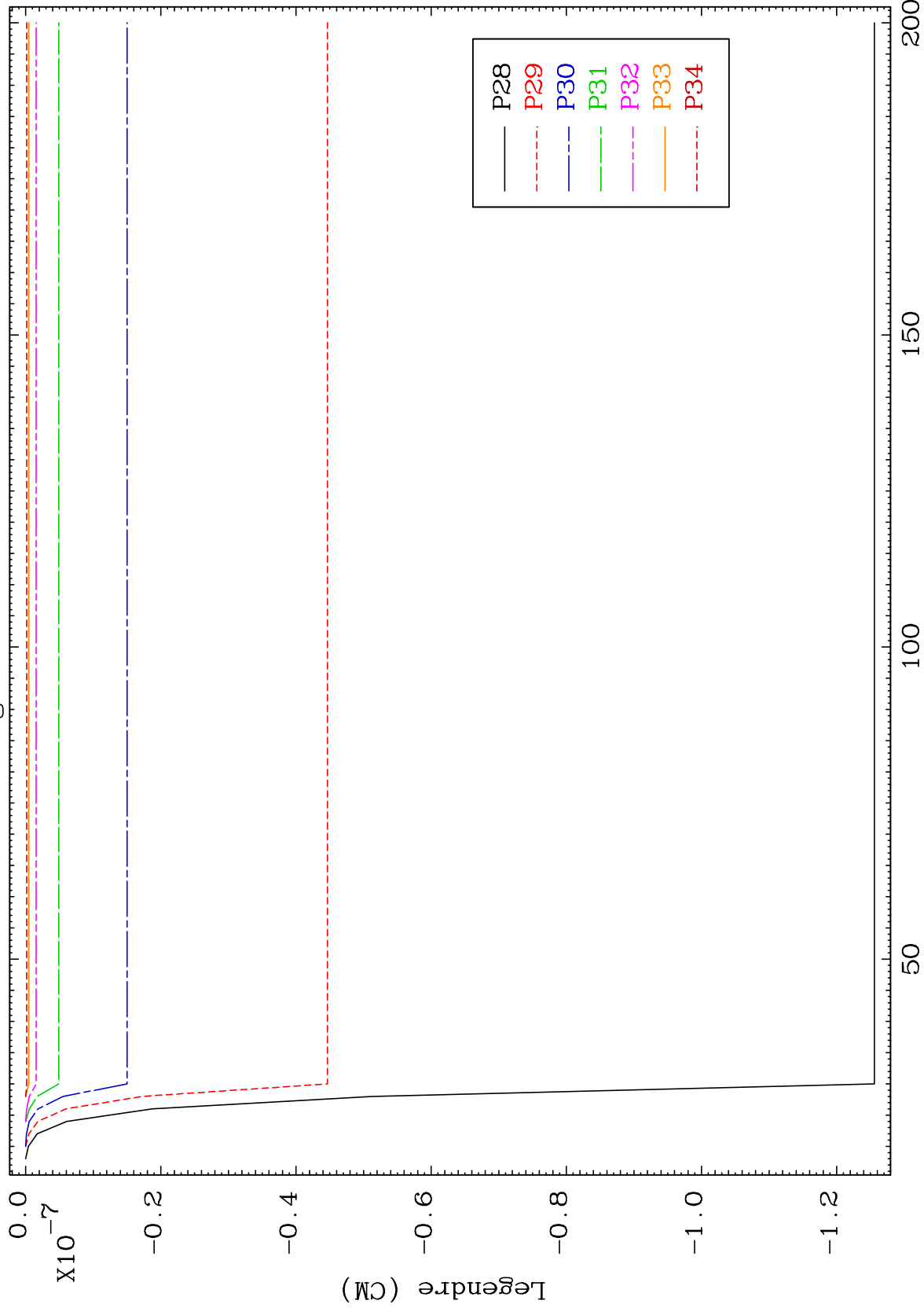
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



36-Kr-83

Incident Energy (MeV)

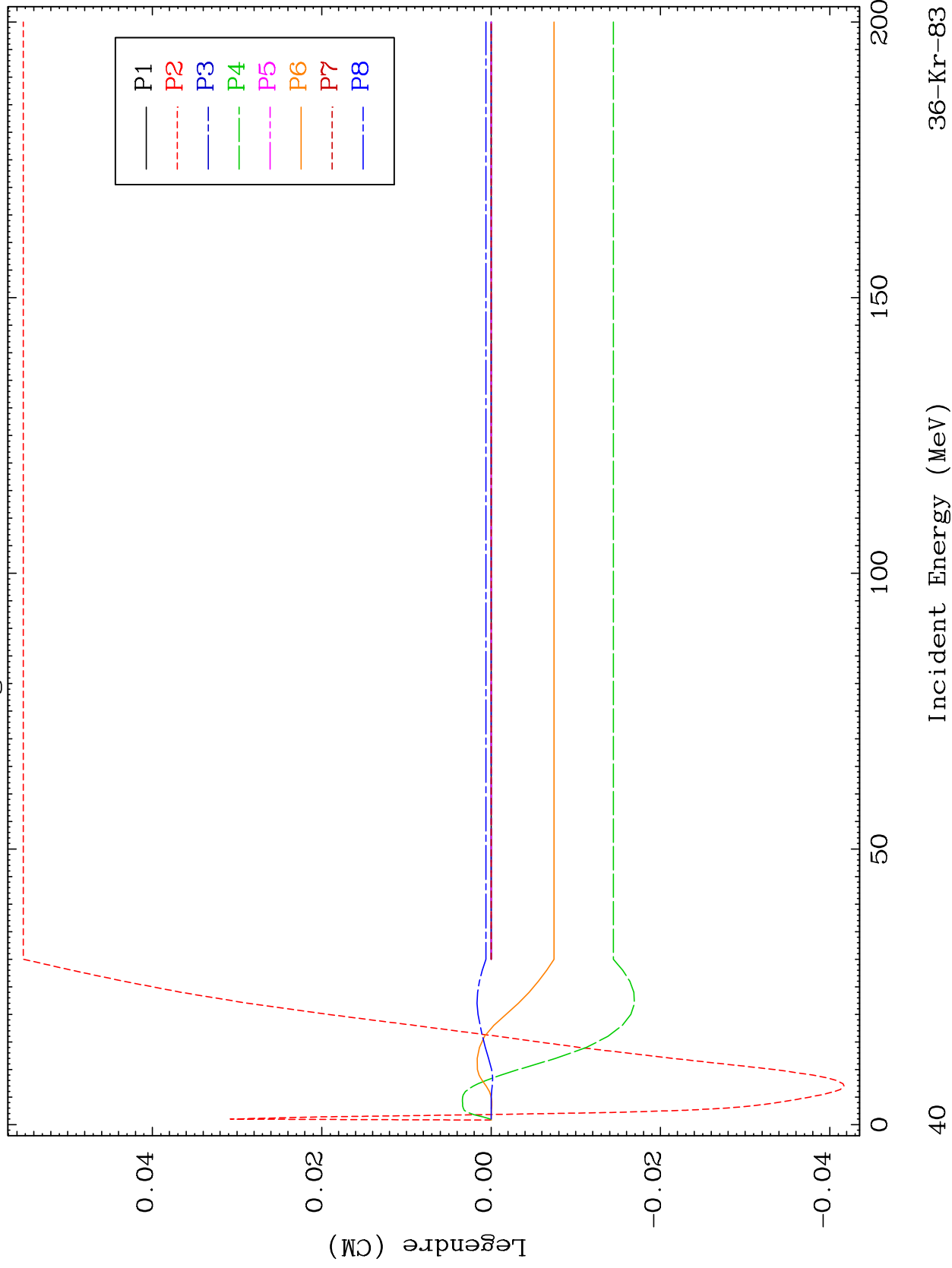
39



MAT 3640

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

36-Kr-83



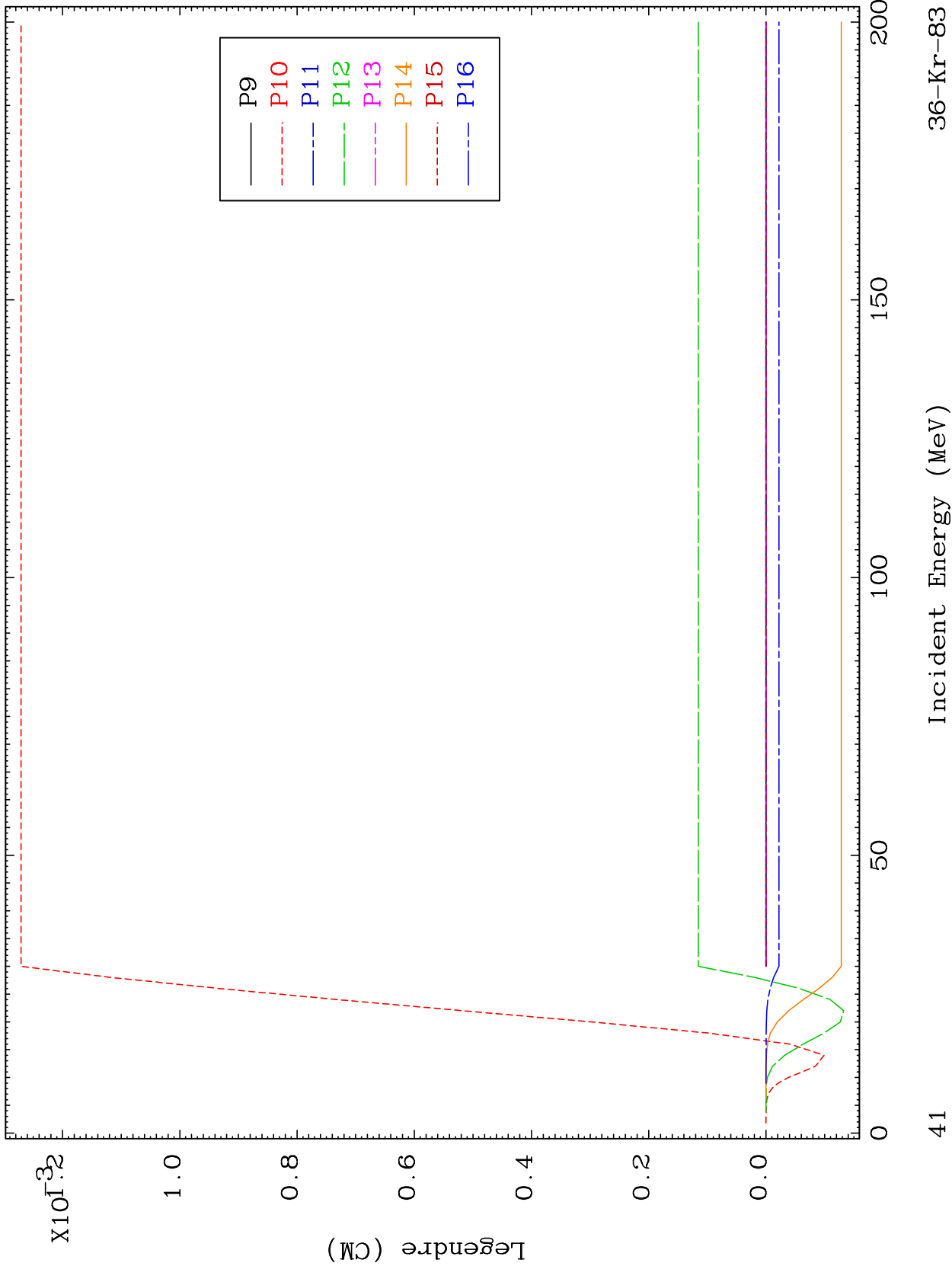
36-Kr-83

Incident Energy (MeV)

MAT 3640

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

36-Kr-83



41

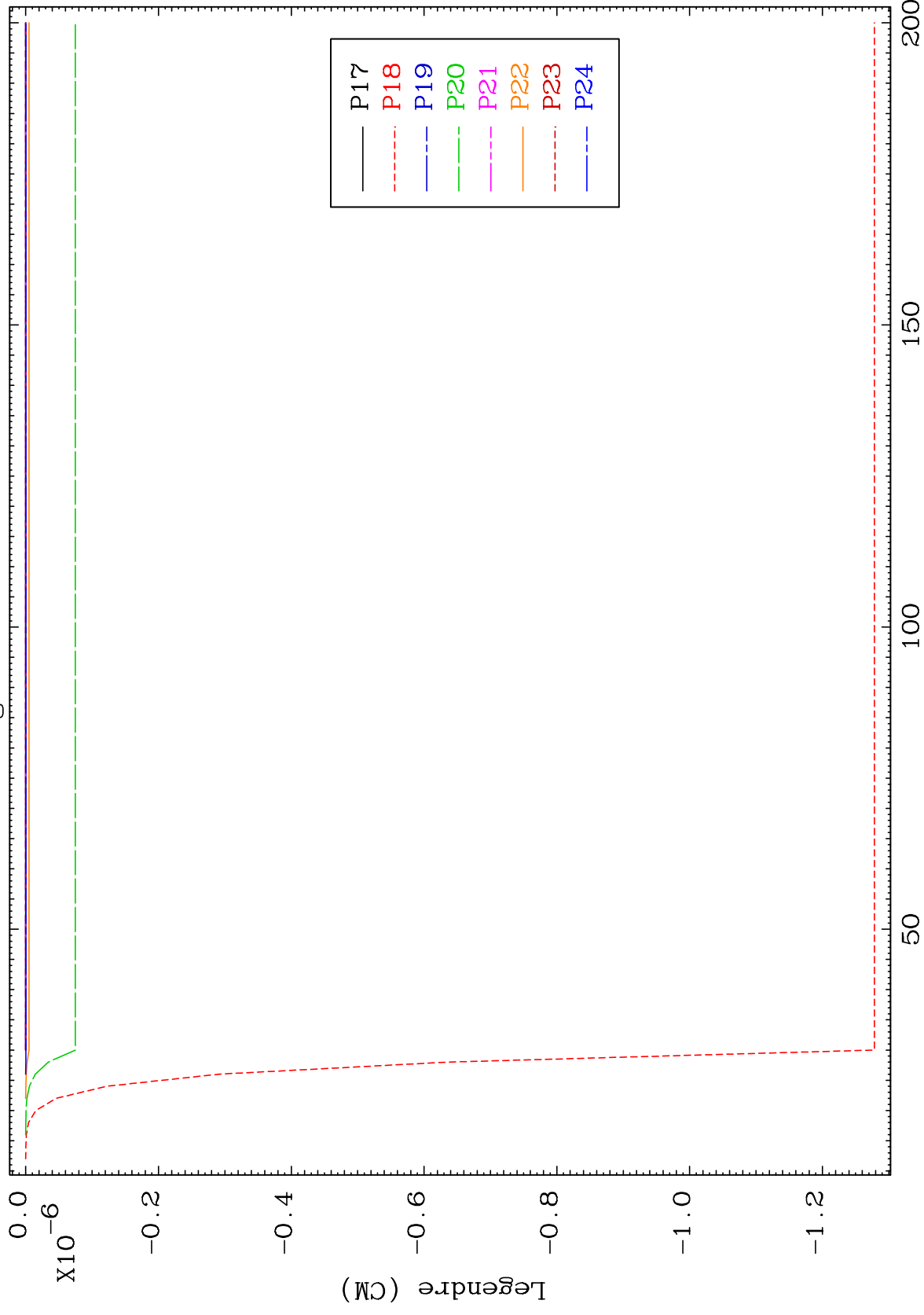
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



36-Kr-83

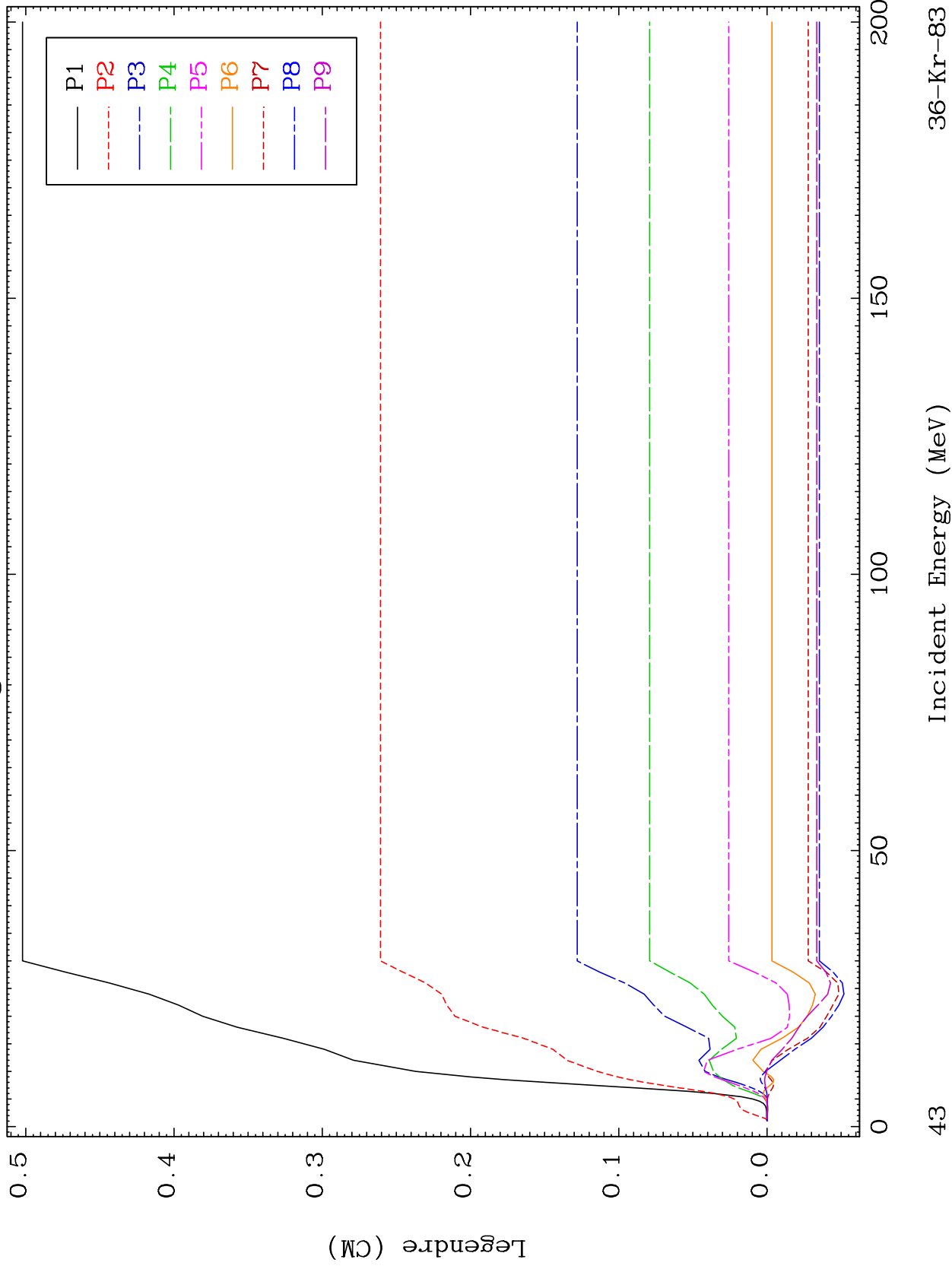
Incident Energy (MeV)

42

MAT 3640

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

36-Kr-83



36-Kr-83

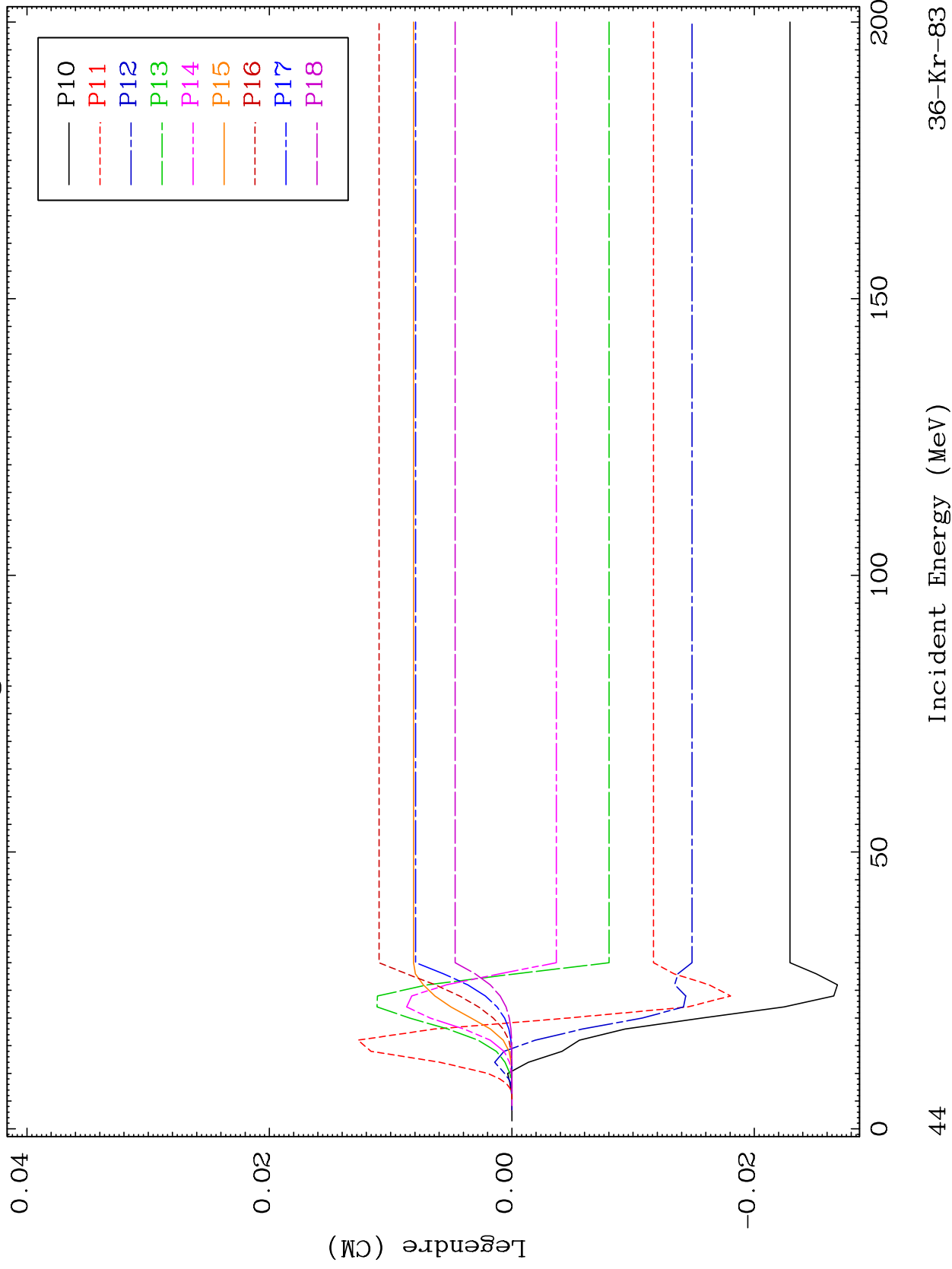
Incident Energy (MeV)

43

MAT 3640

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

36-Kr-83



44

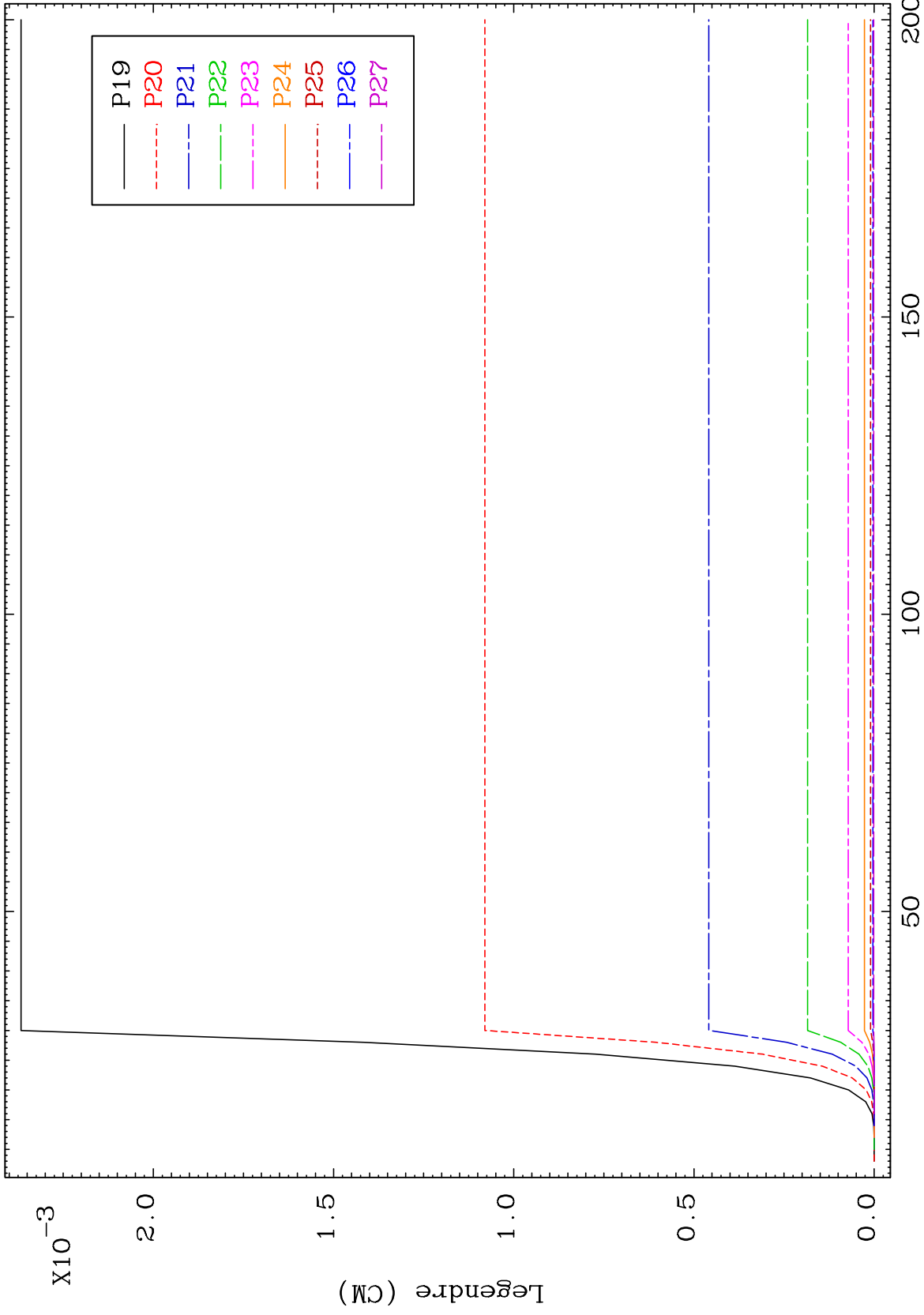
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



45

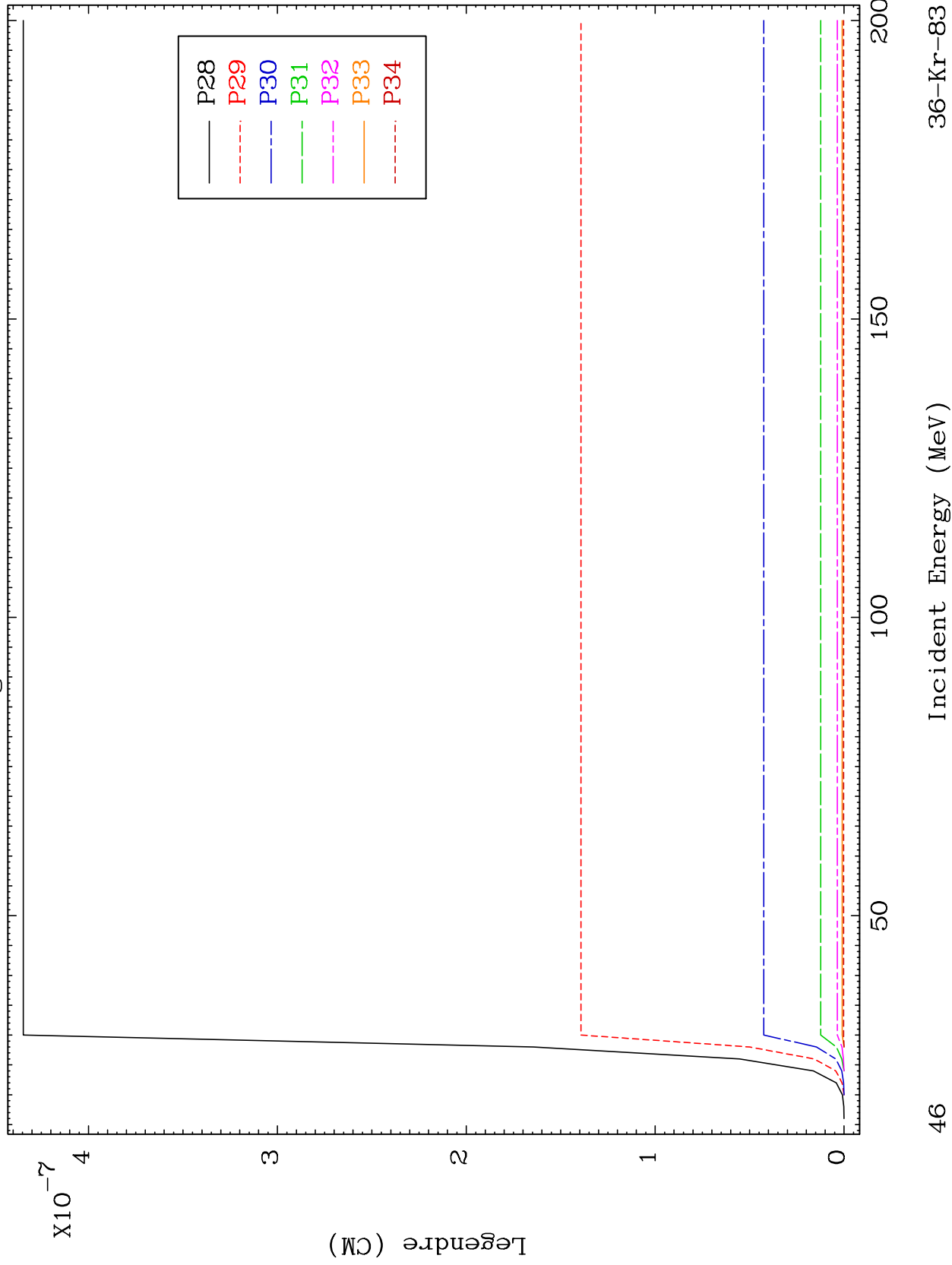
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



46

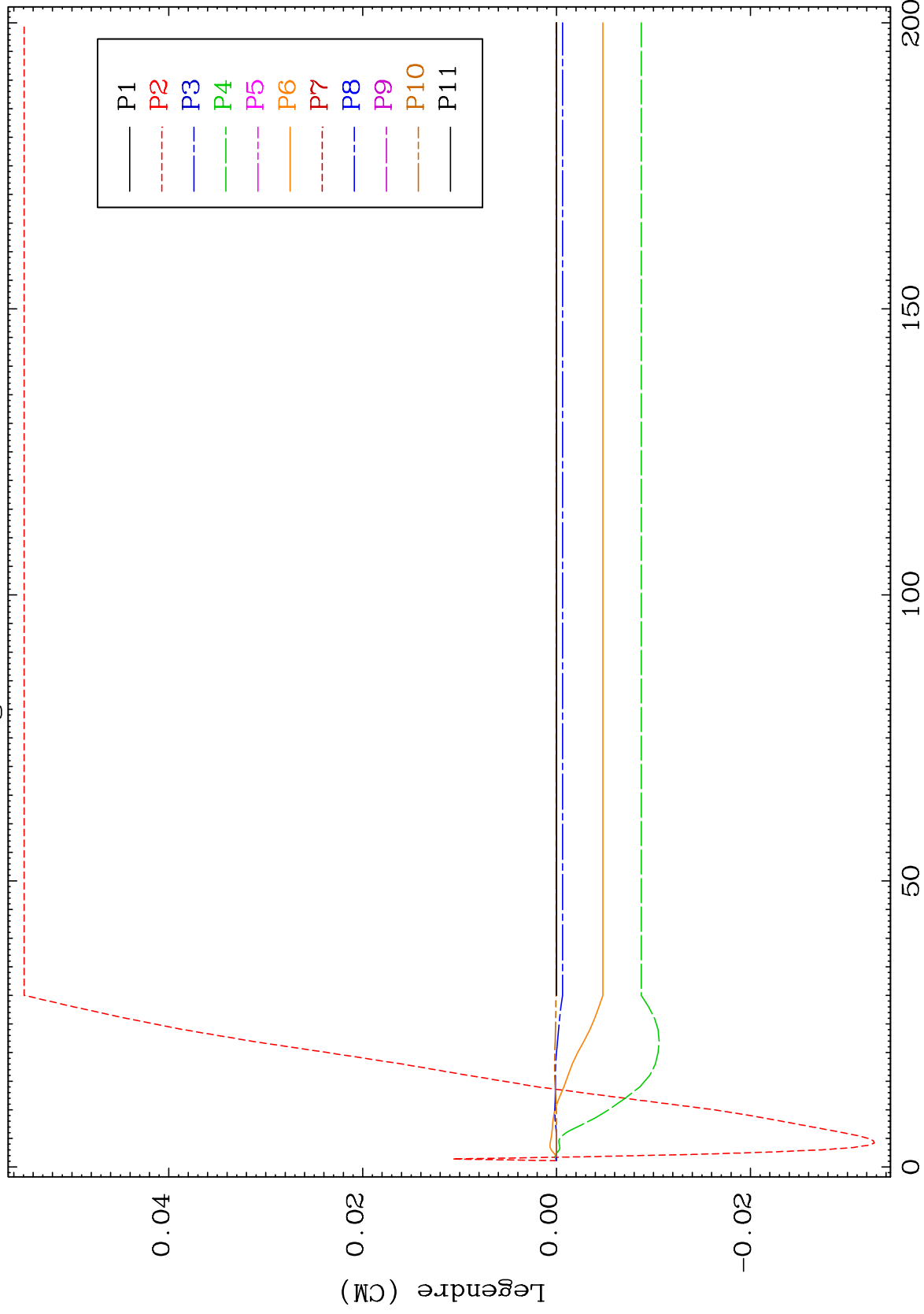
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



47

Incident Energy (MeV)

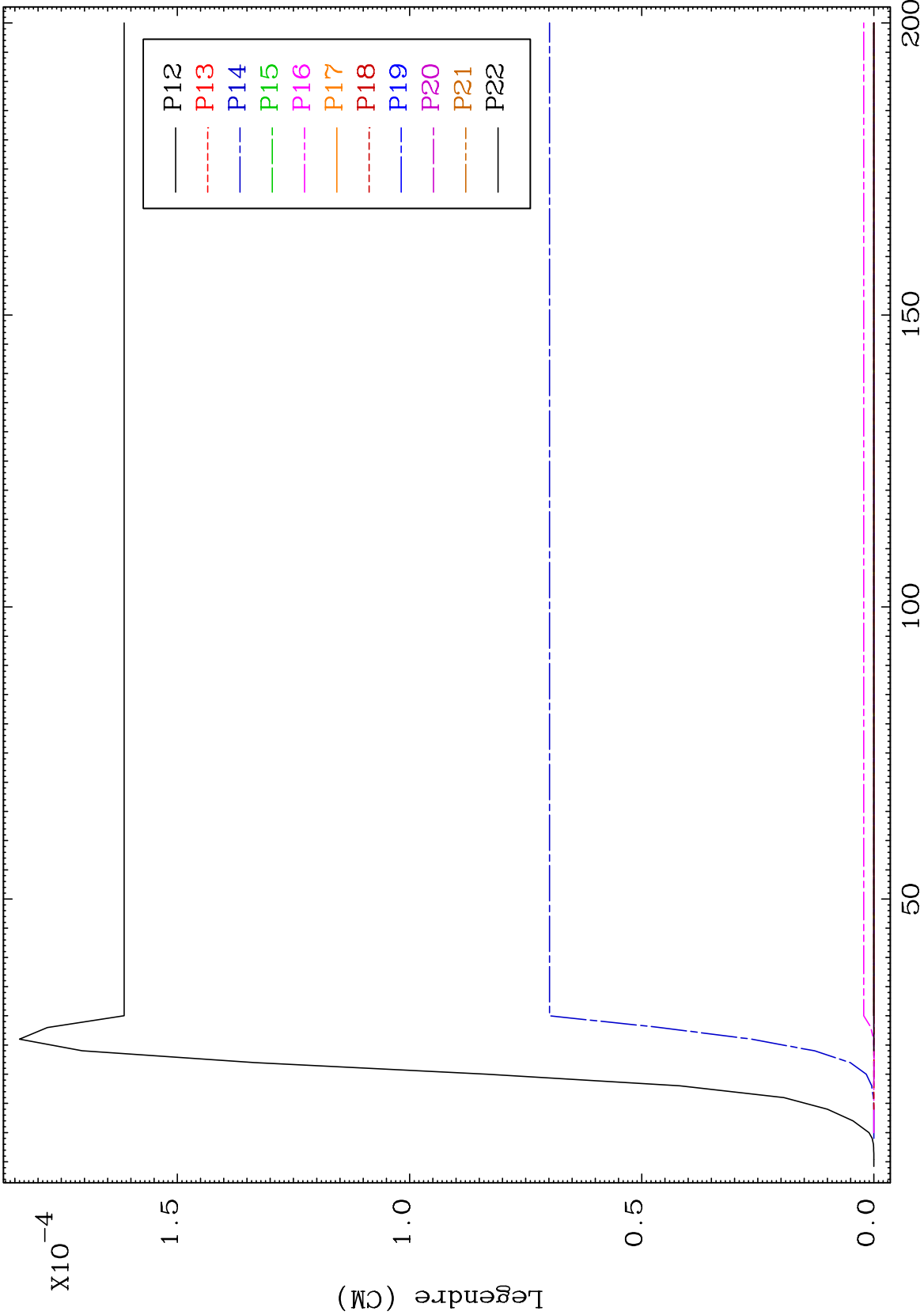
36-Kr-83



MAT 3640

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

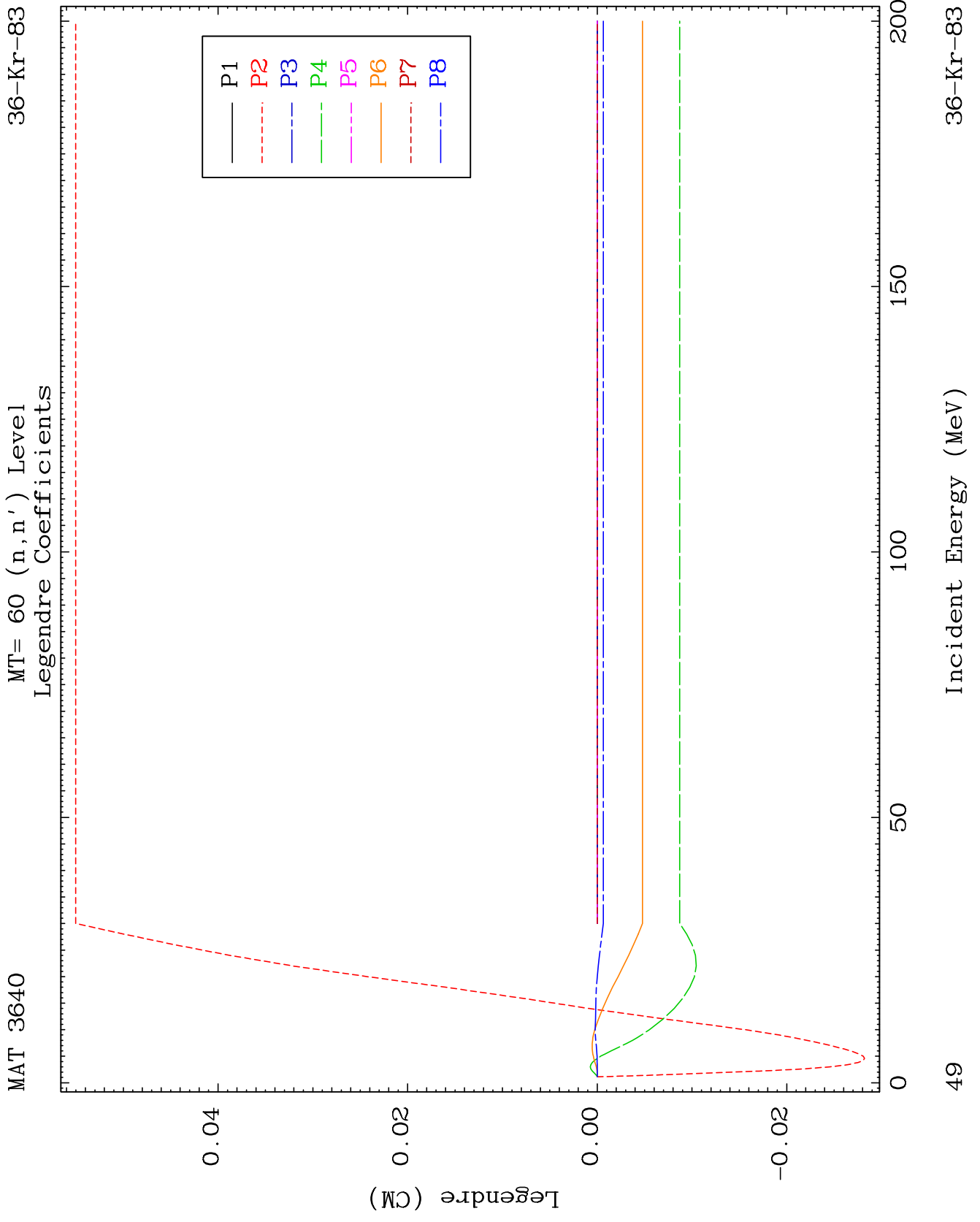
36-Kr-83



48

Incident Energy (MeV)

36-Kr-83



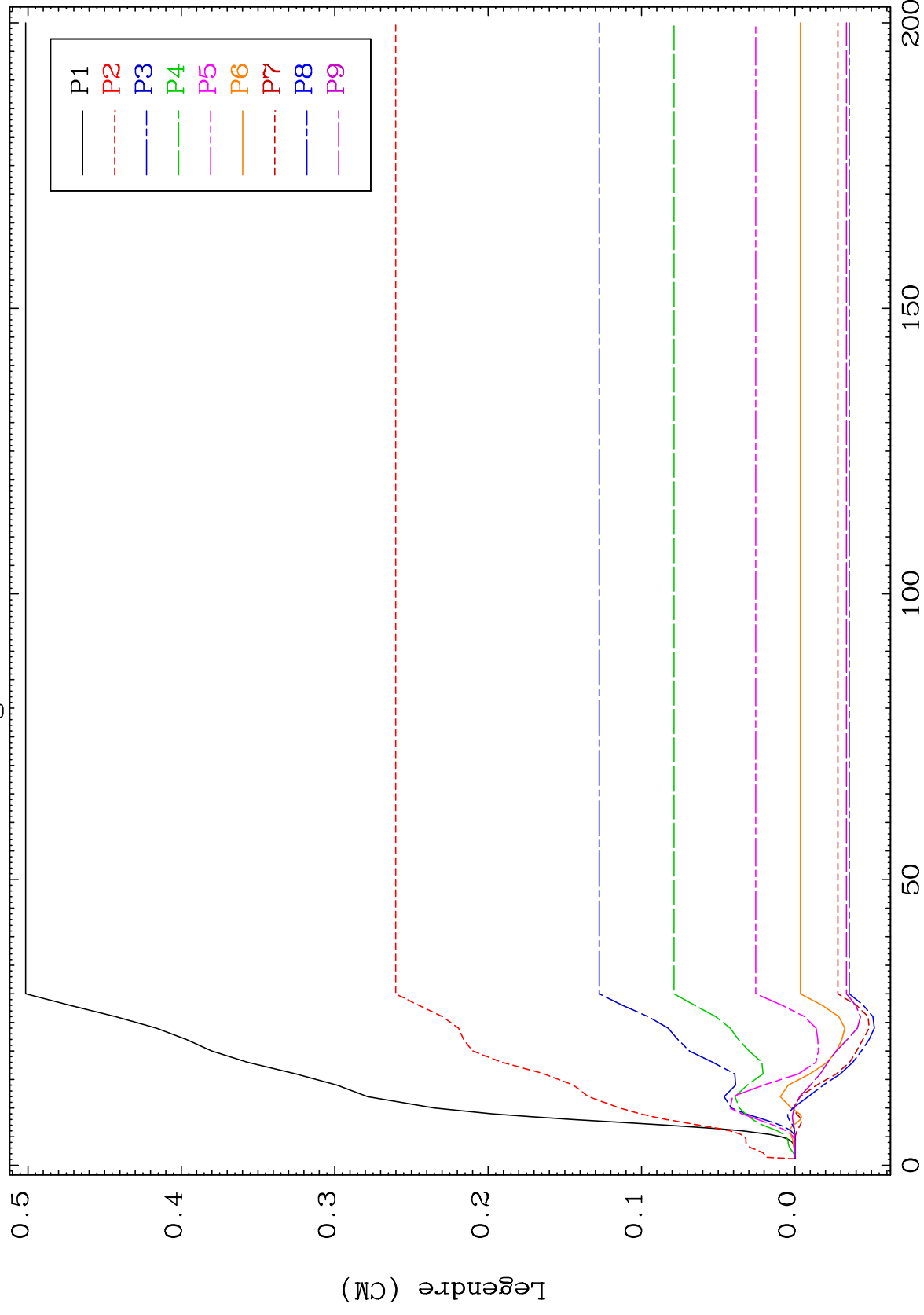




MAT 3640

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

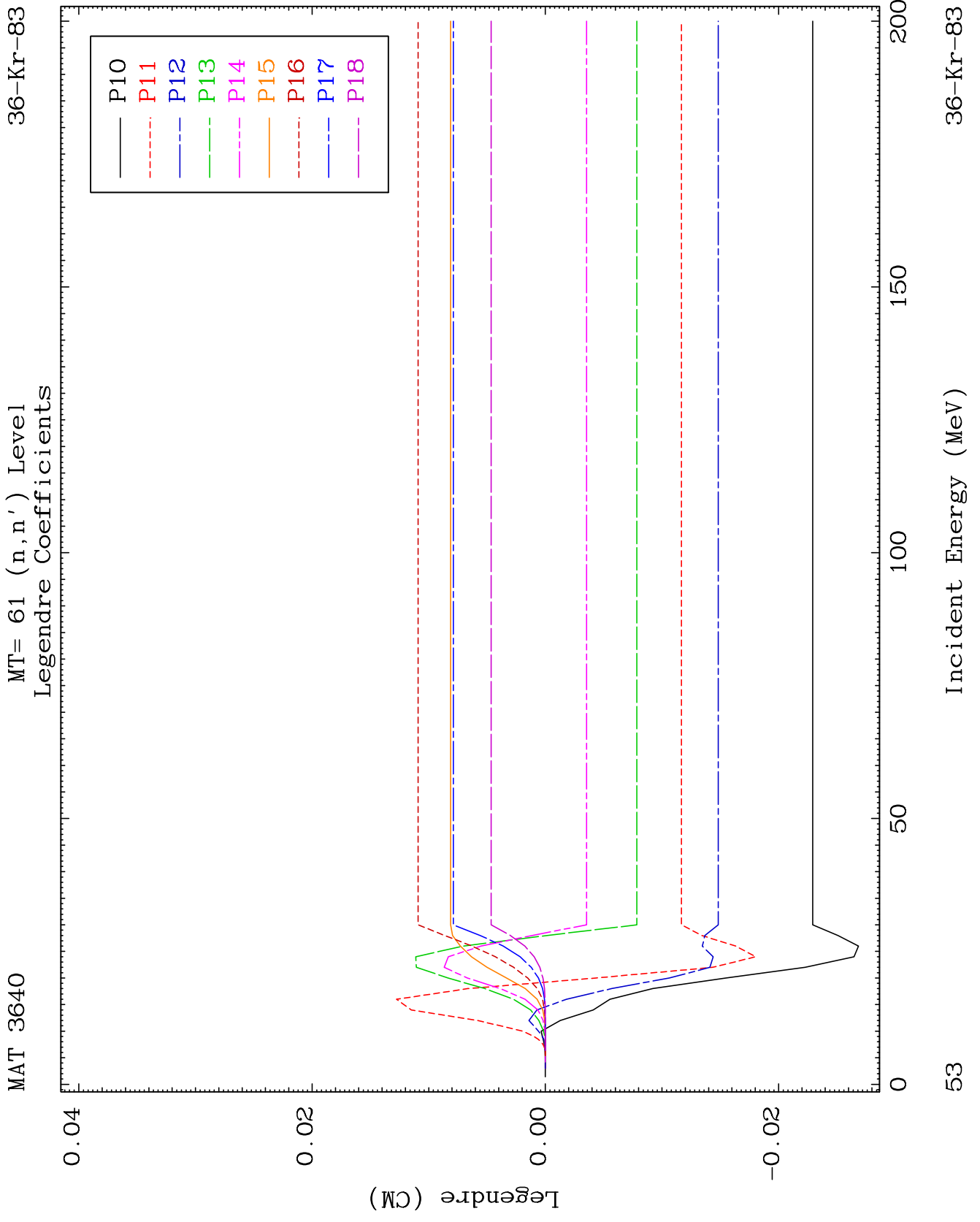
36-Kr-83



52

Incident Energy (MeV)

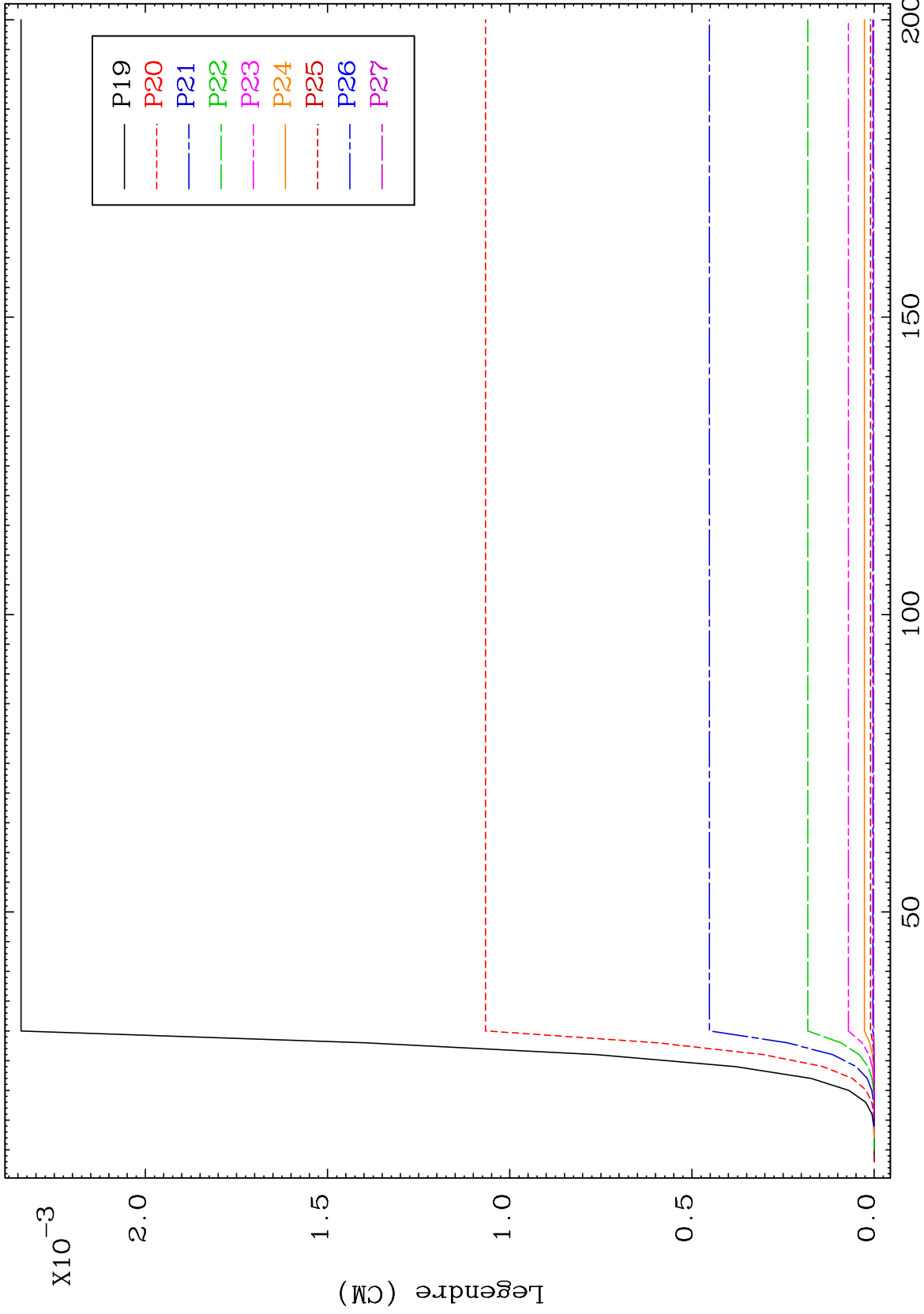
36-Kr-83



MAT 3640

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

36-Kr-83



54

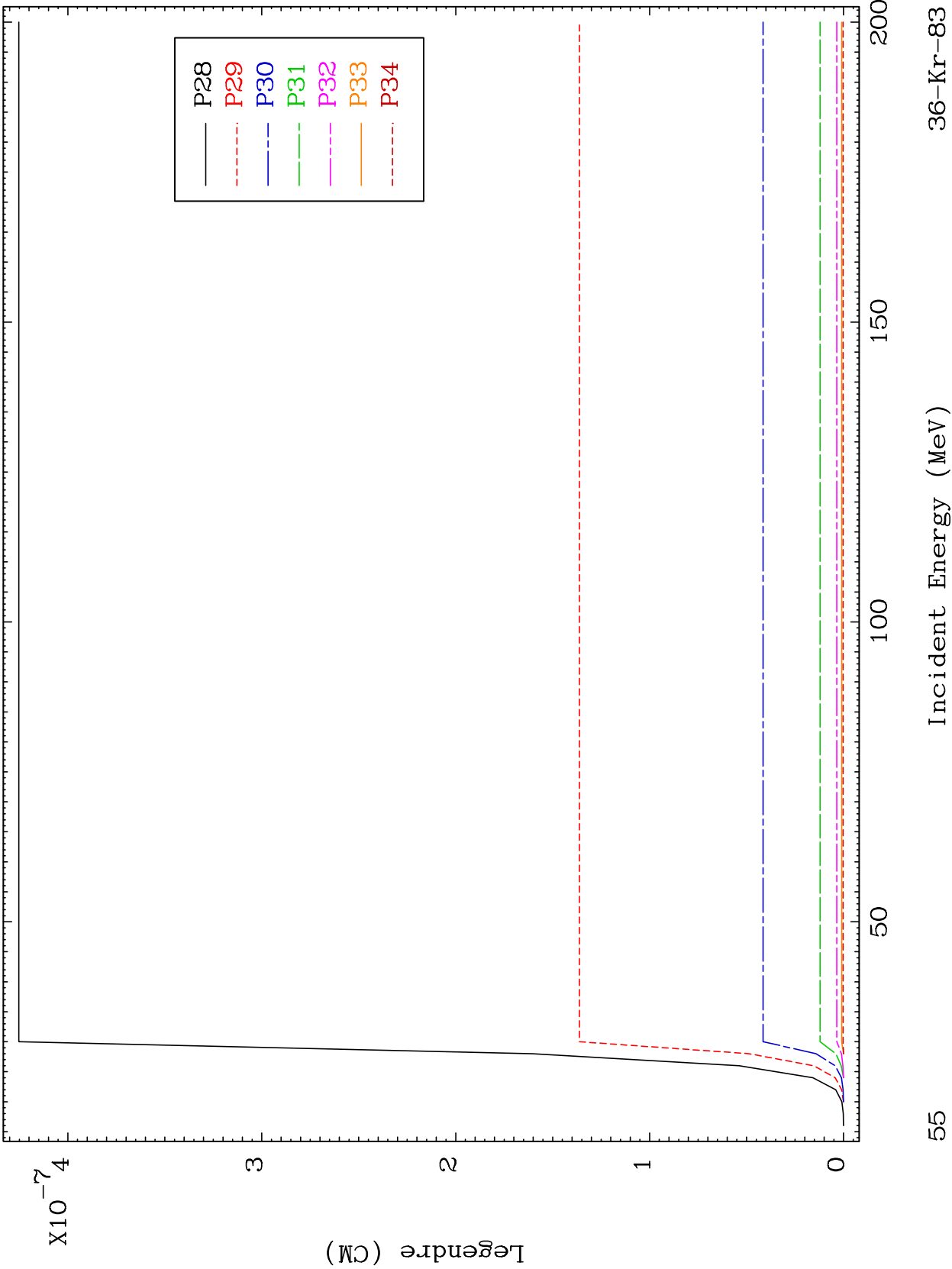
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



55

Incident Energy (MeV)

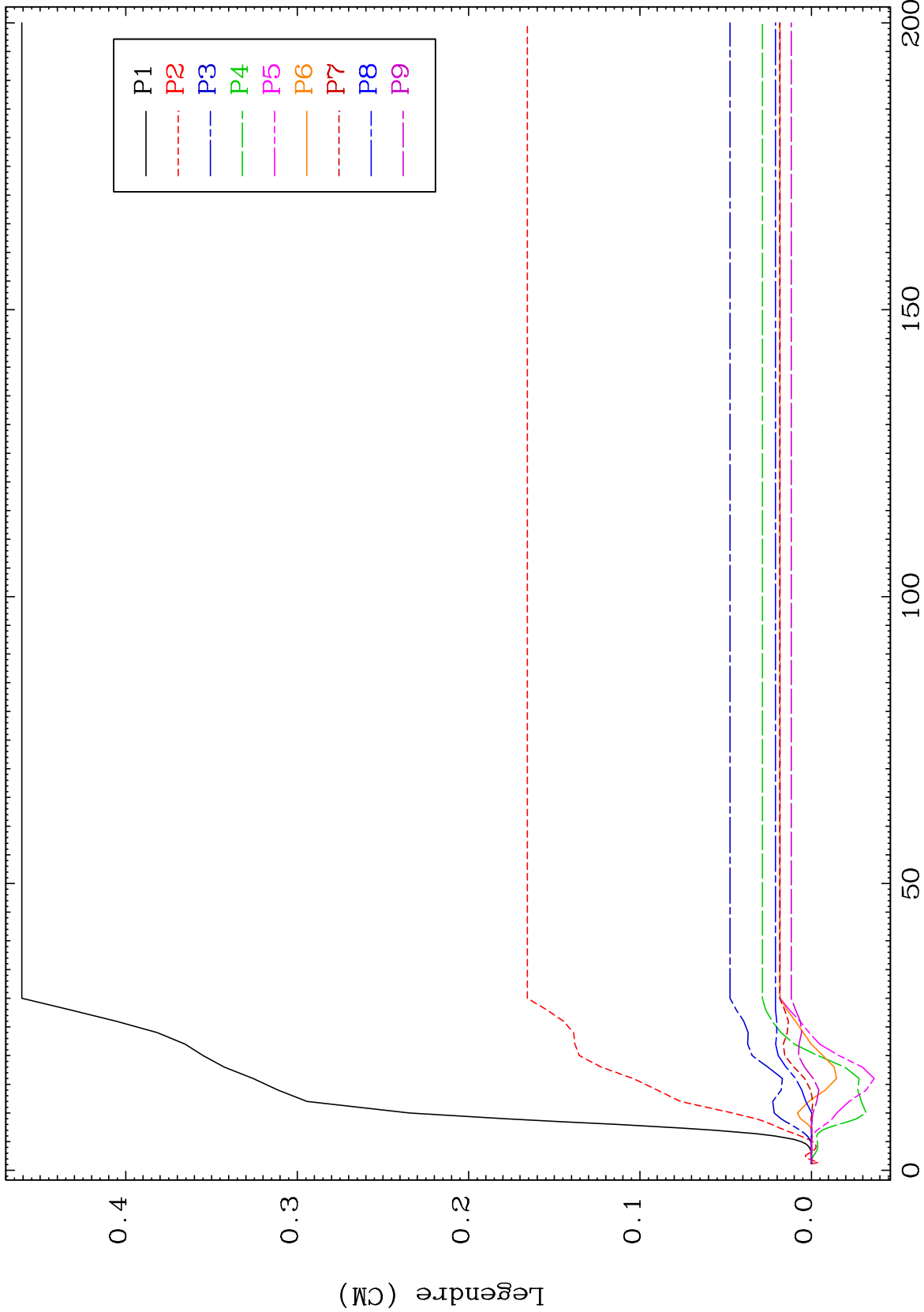
36-Kr-83



MAT 3640

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

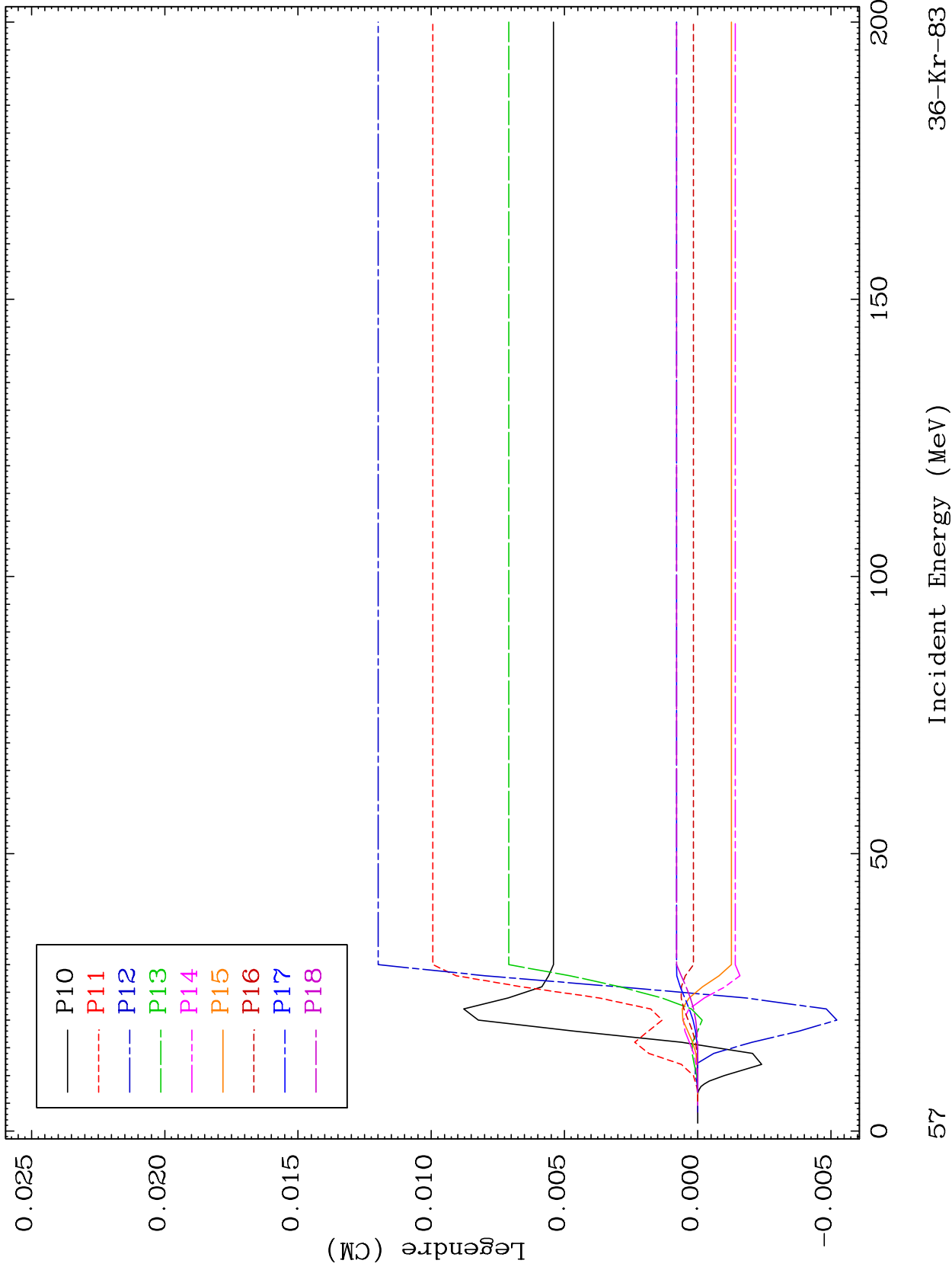
36-Kr-83



56

Incident Energy (MeV)

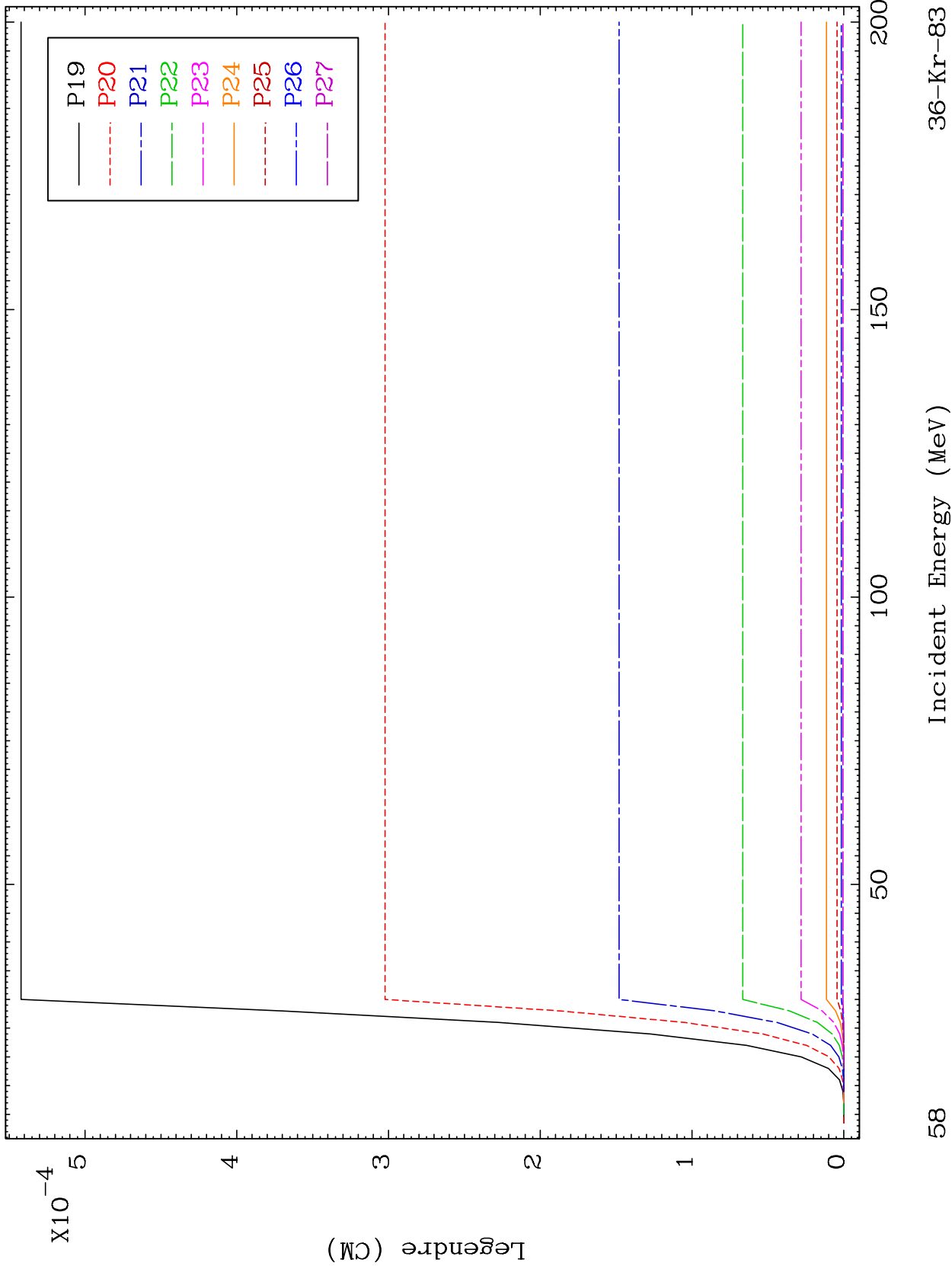
36-Kr-83



MAT 3640

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

36-Kr-83



58

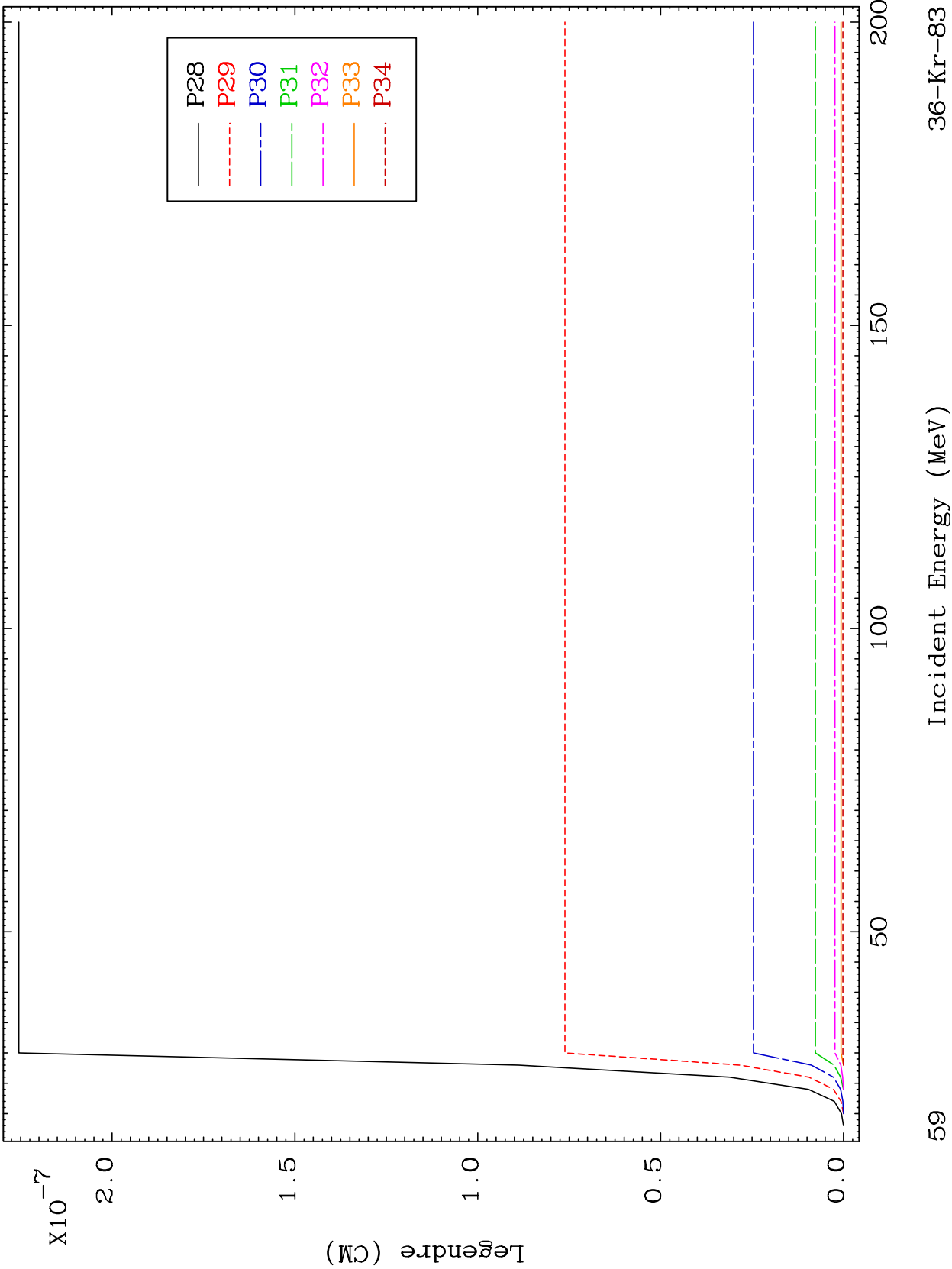
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



59

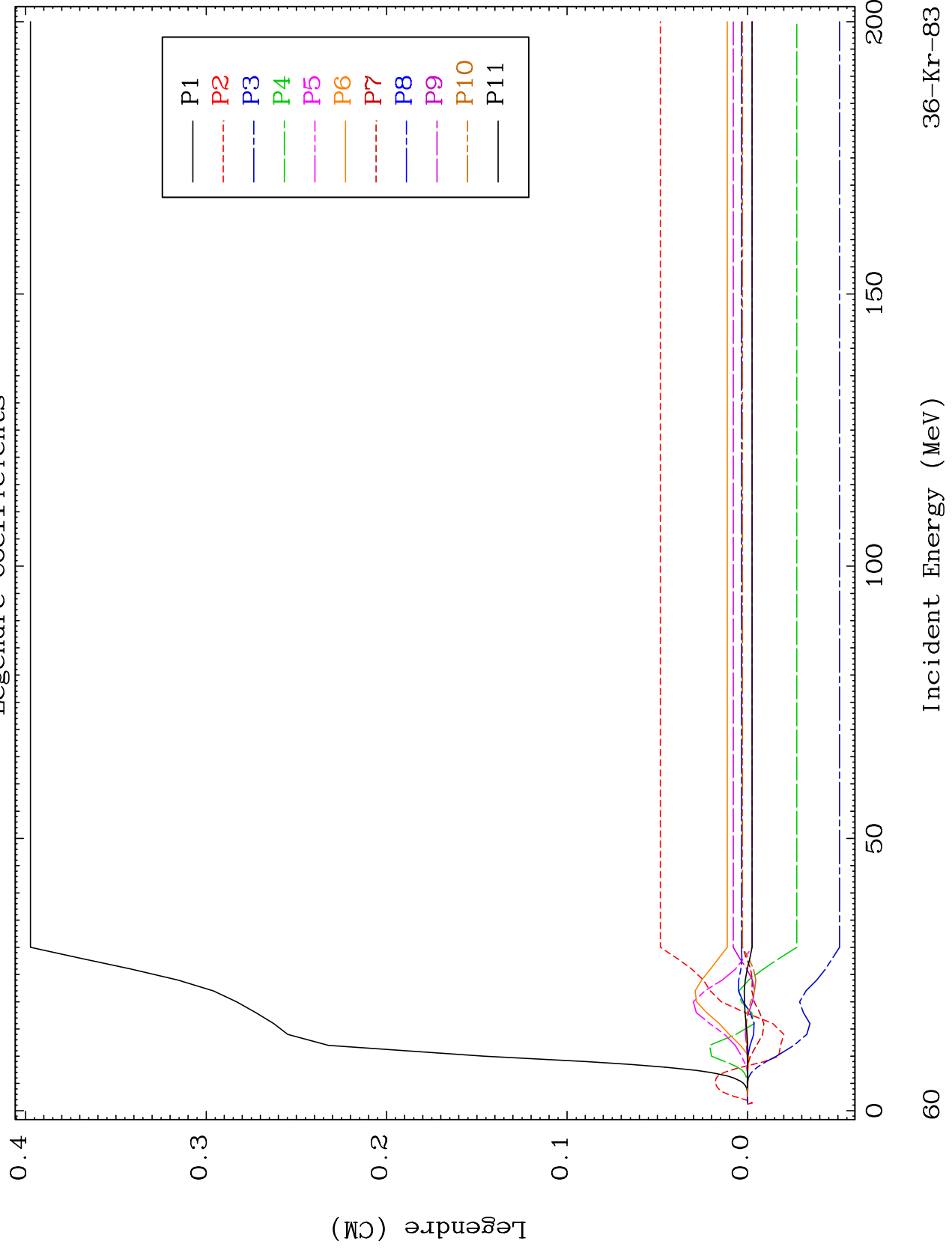
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



36-Kr-83

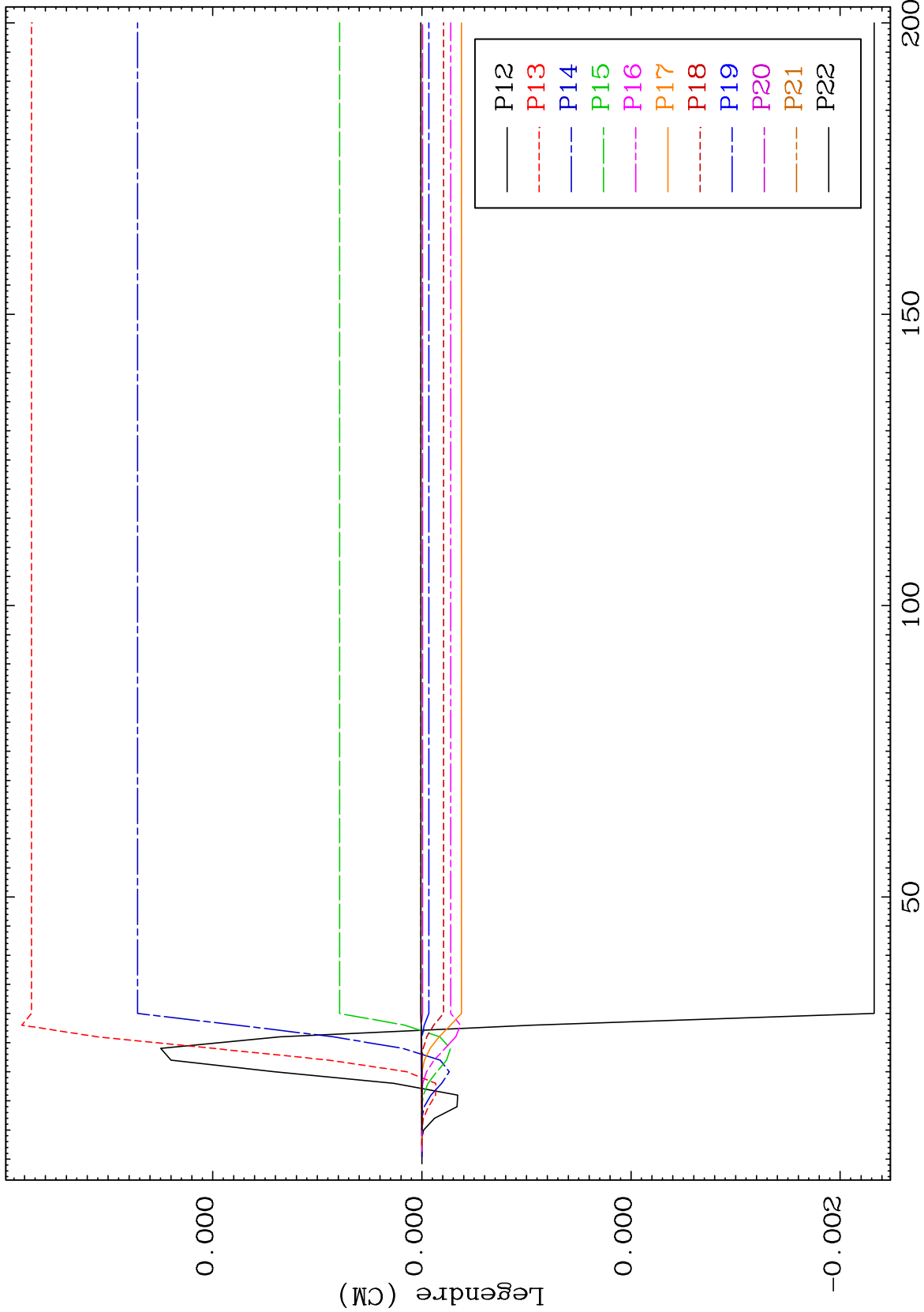
Incident Energy (MeV)

60

MAT 3640

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

36-Kr-83



61

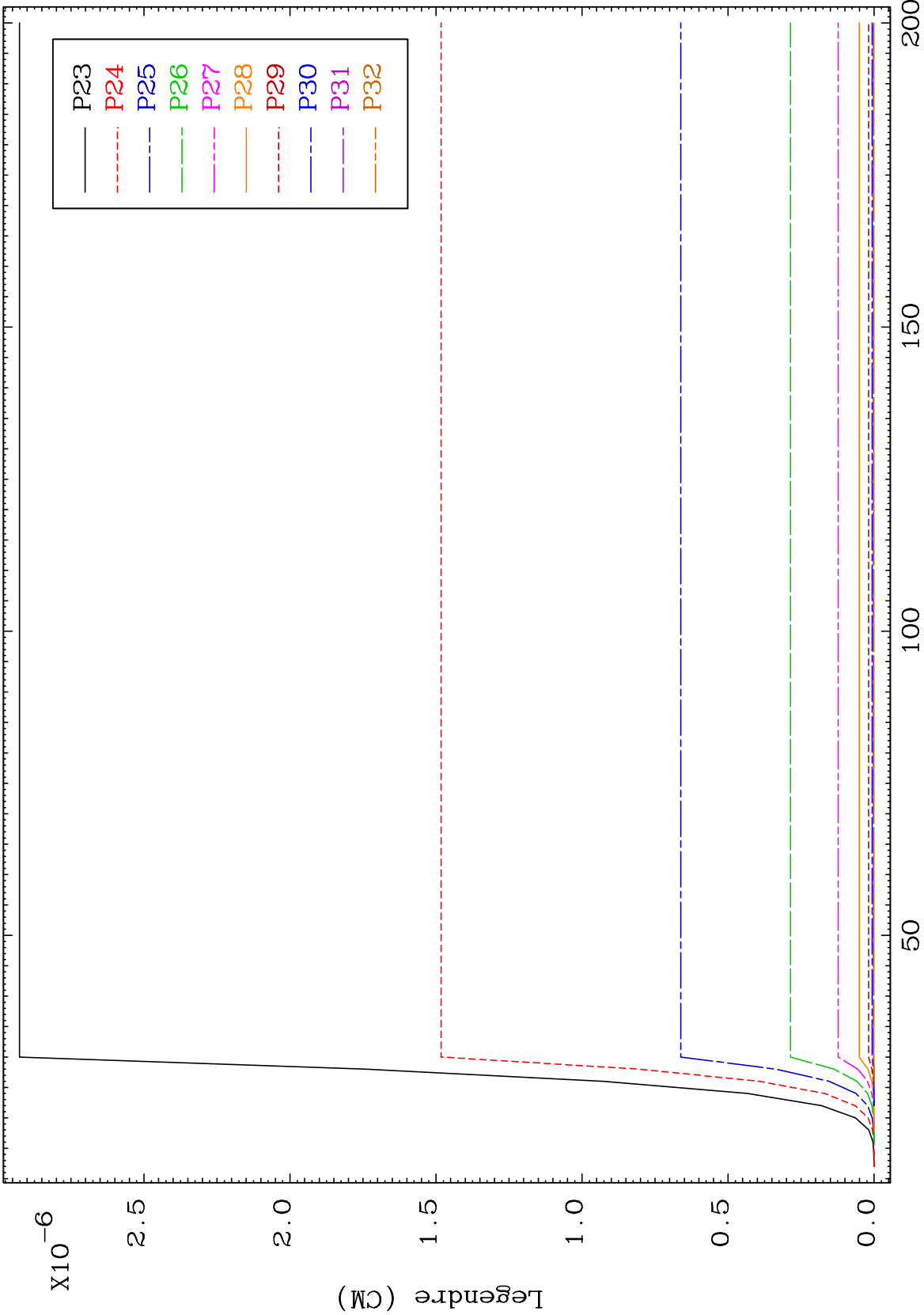
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

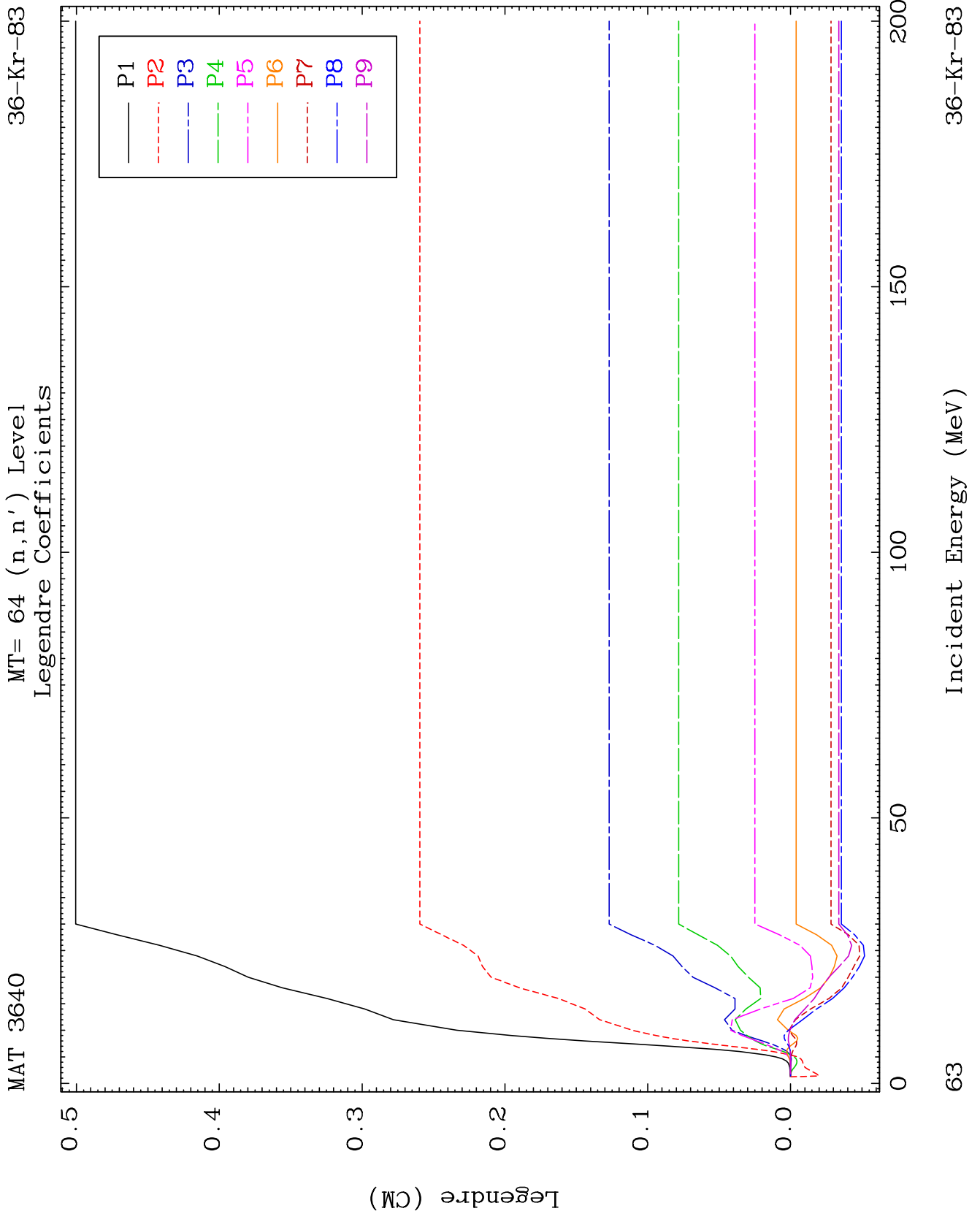
36-Kr-83



62

Incident Energy (MeV)

36-Kr-83

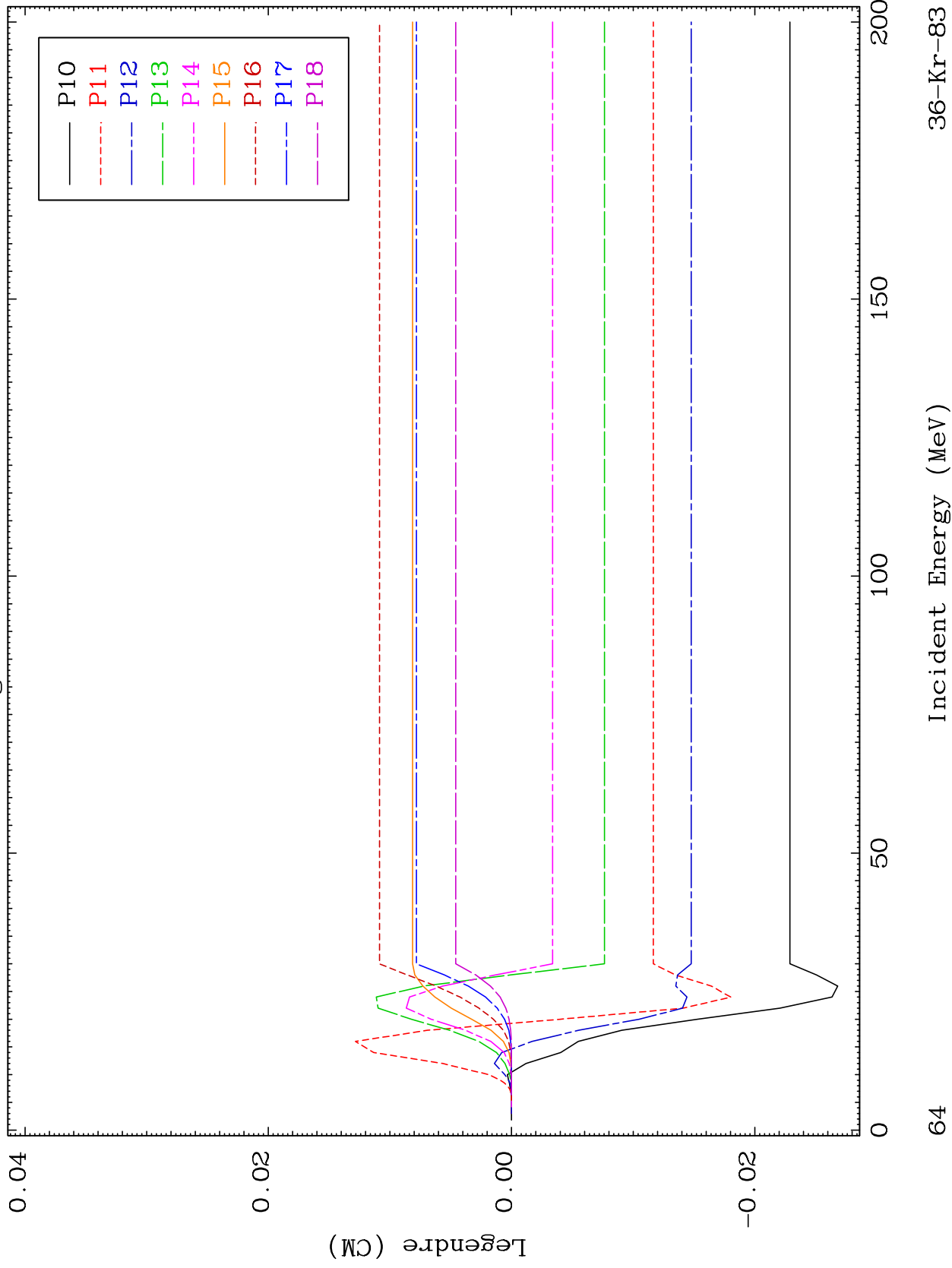




MAT 3640

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

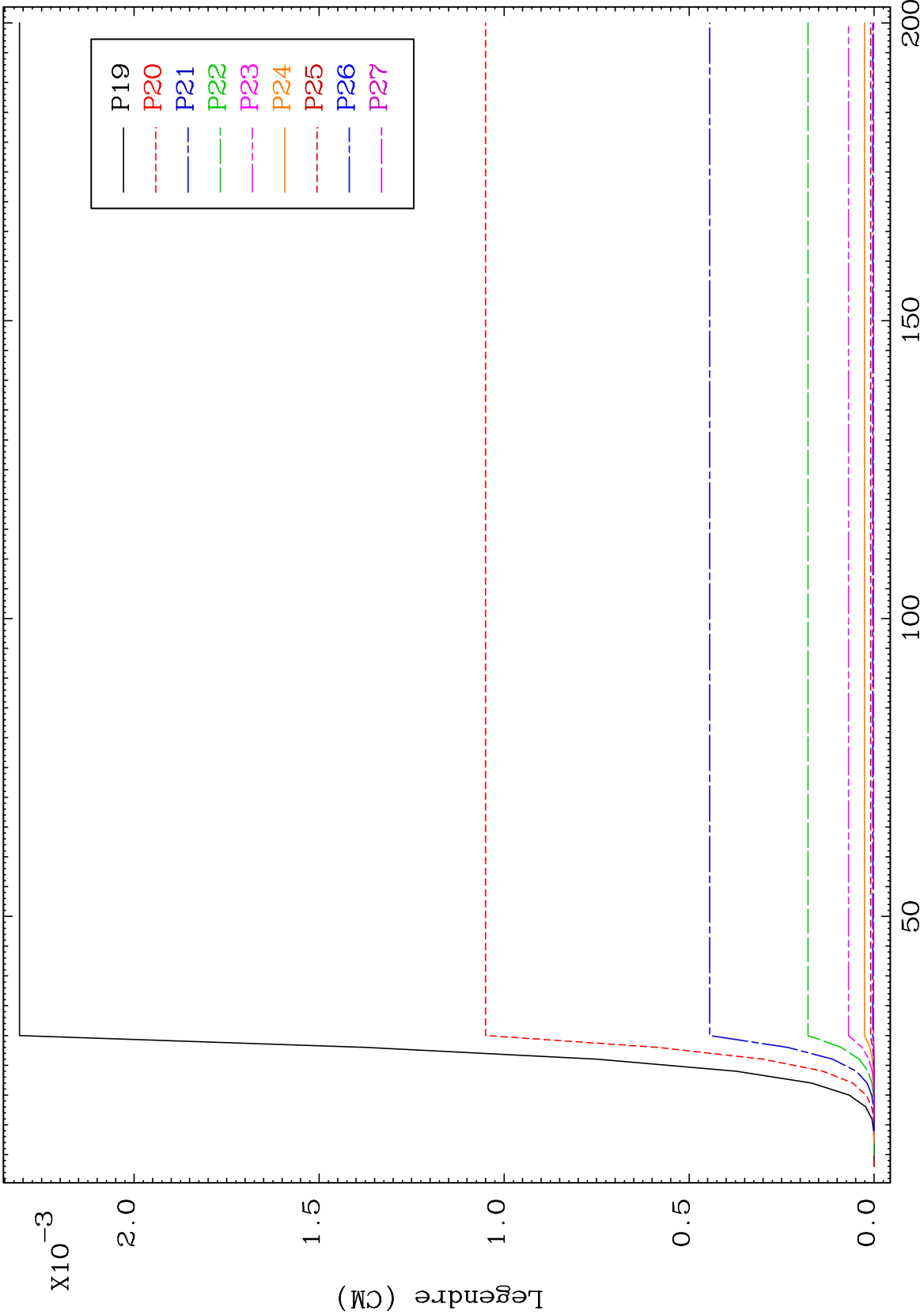
36-Kr-83



MAT 3640

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

36-Kr-83



65

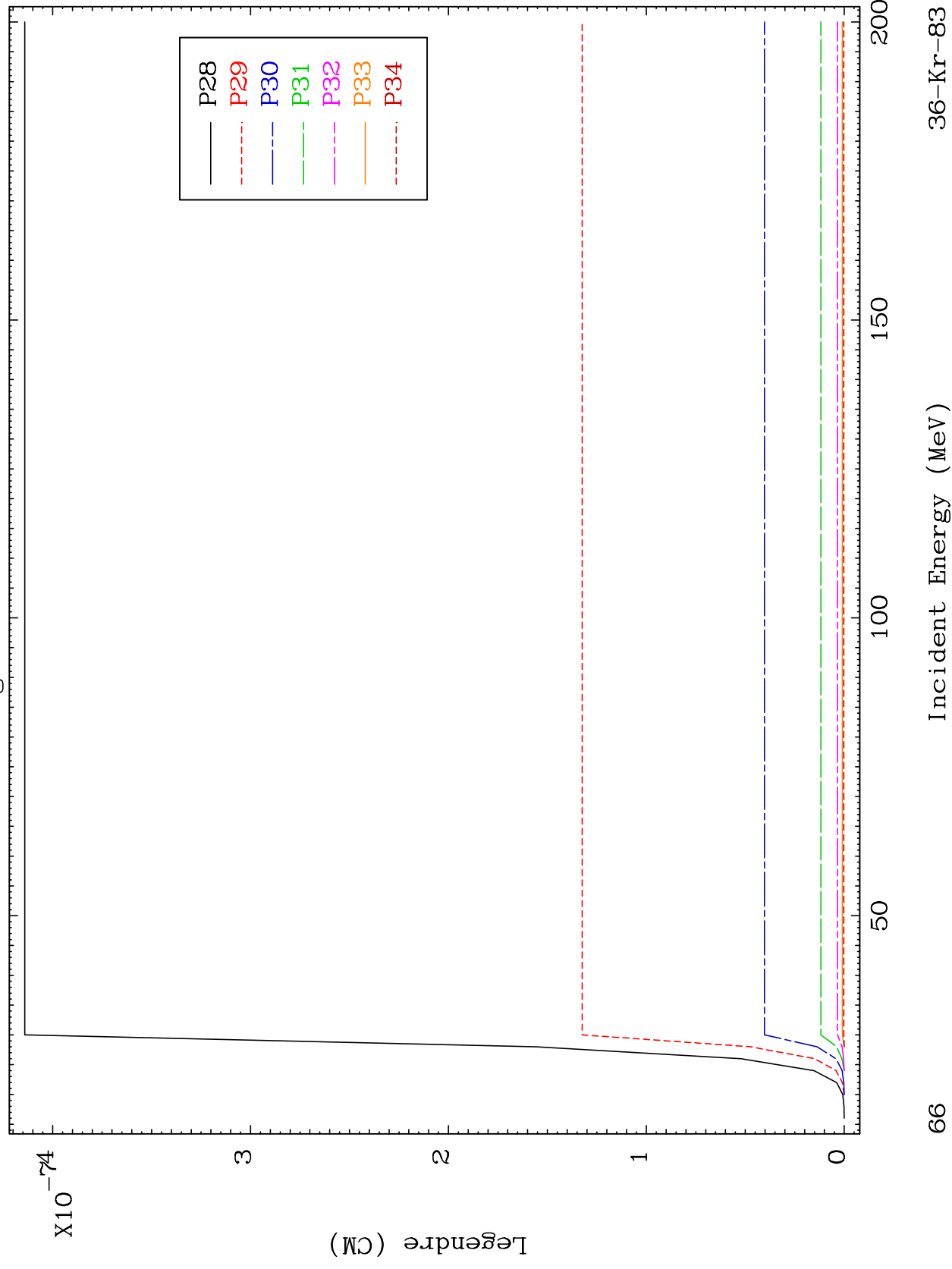
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

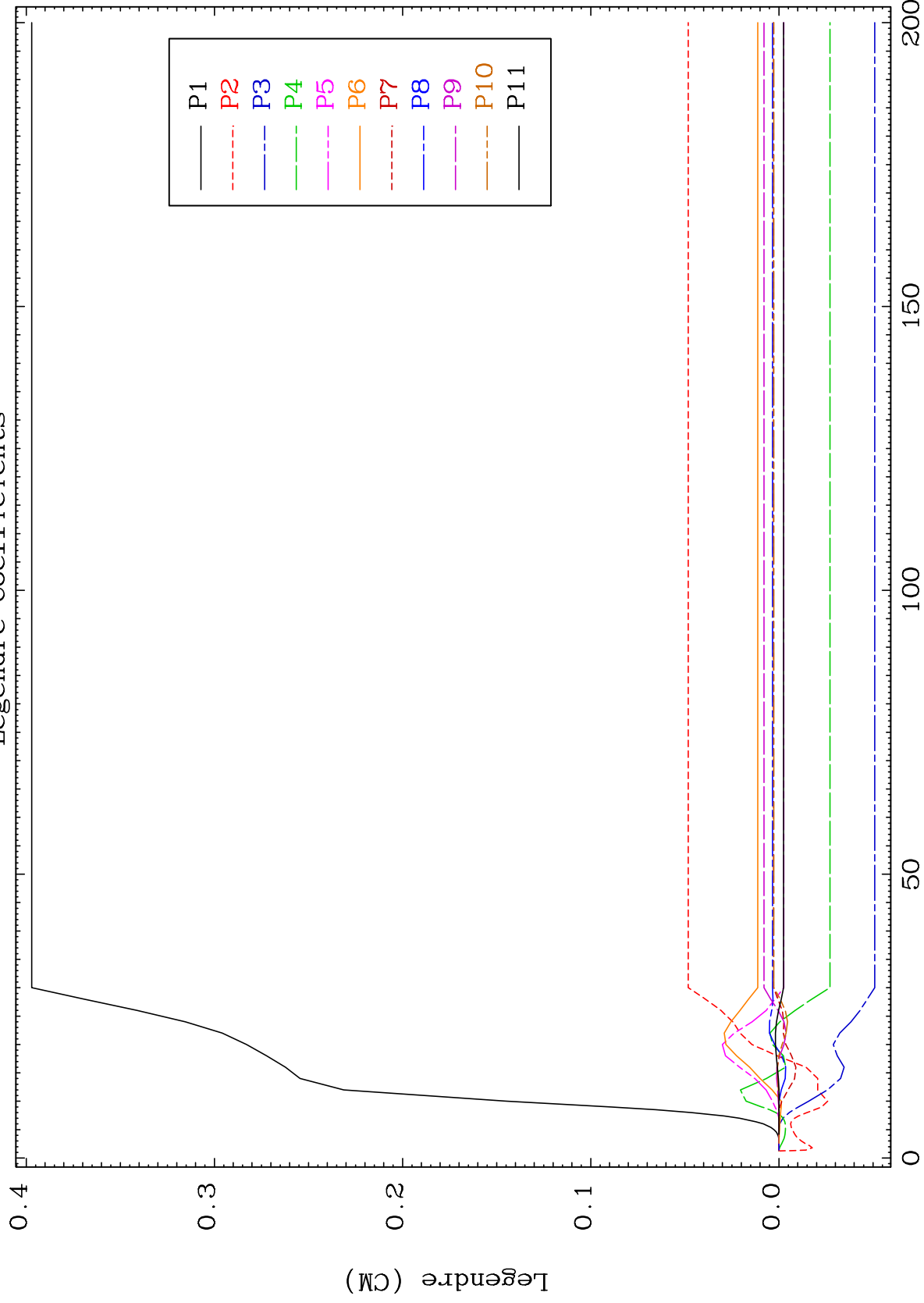
36-Kr-83



MAT 3640

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

36-Kr-83



67

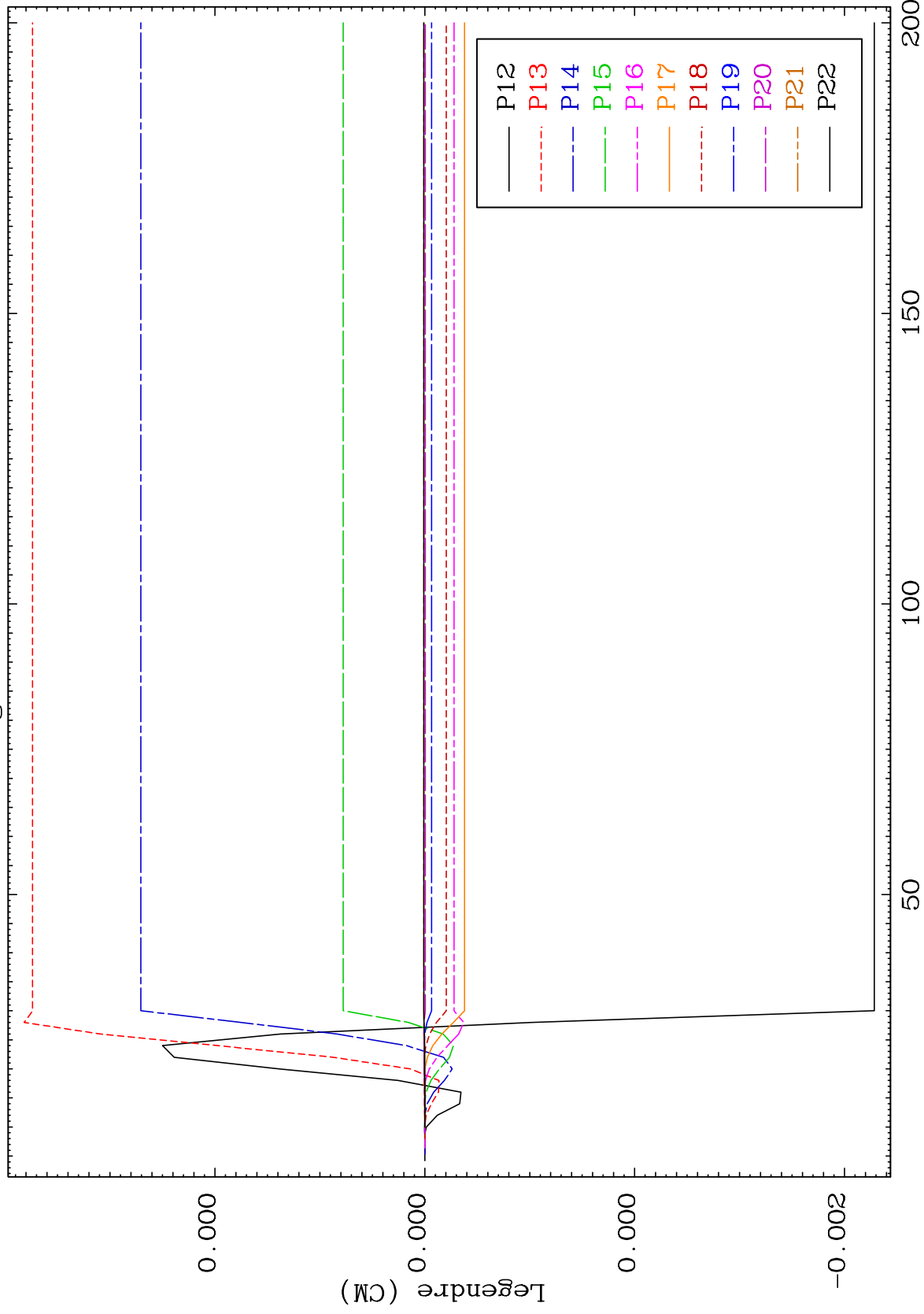
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



68

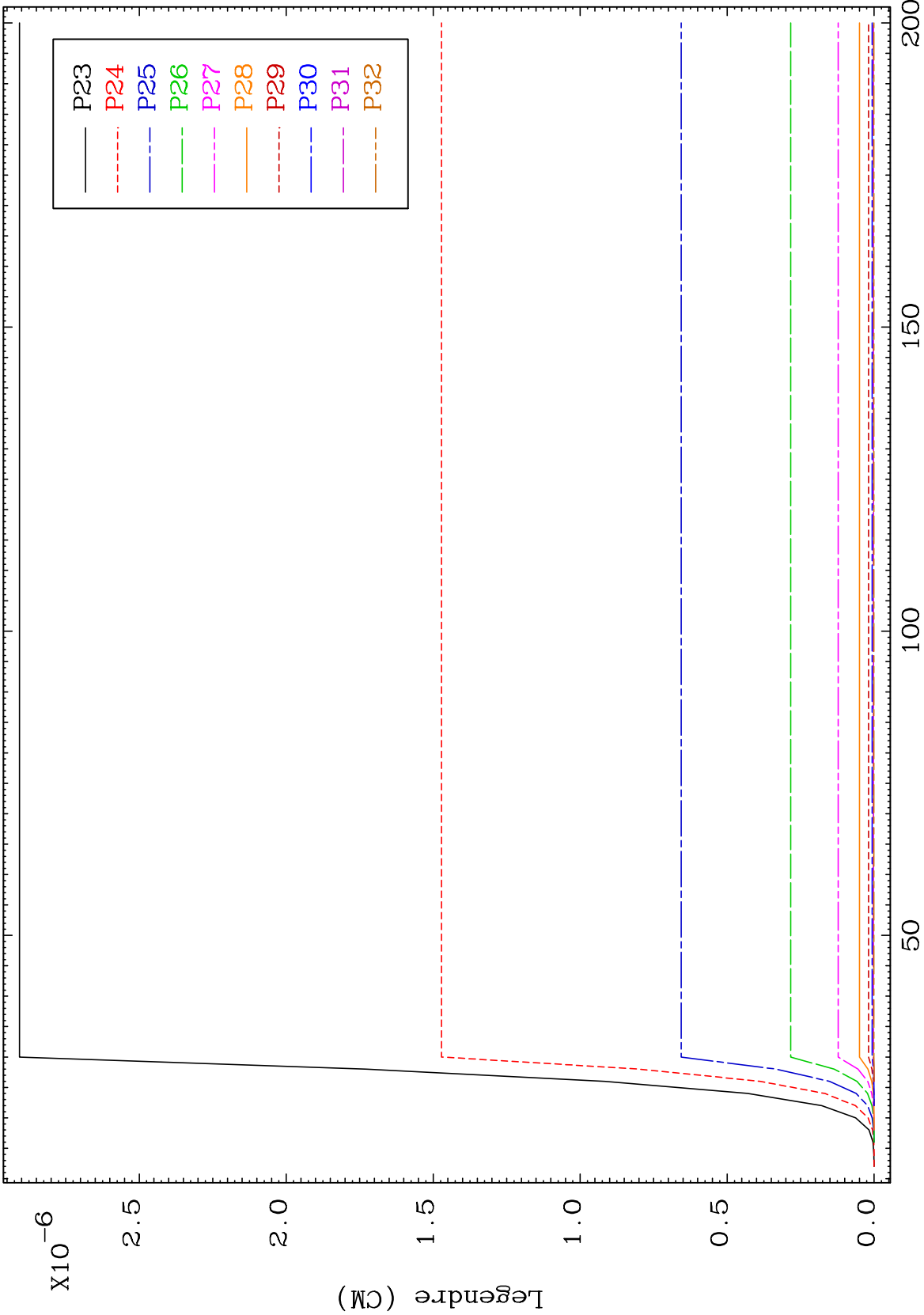
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

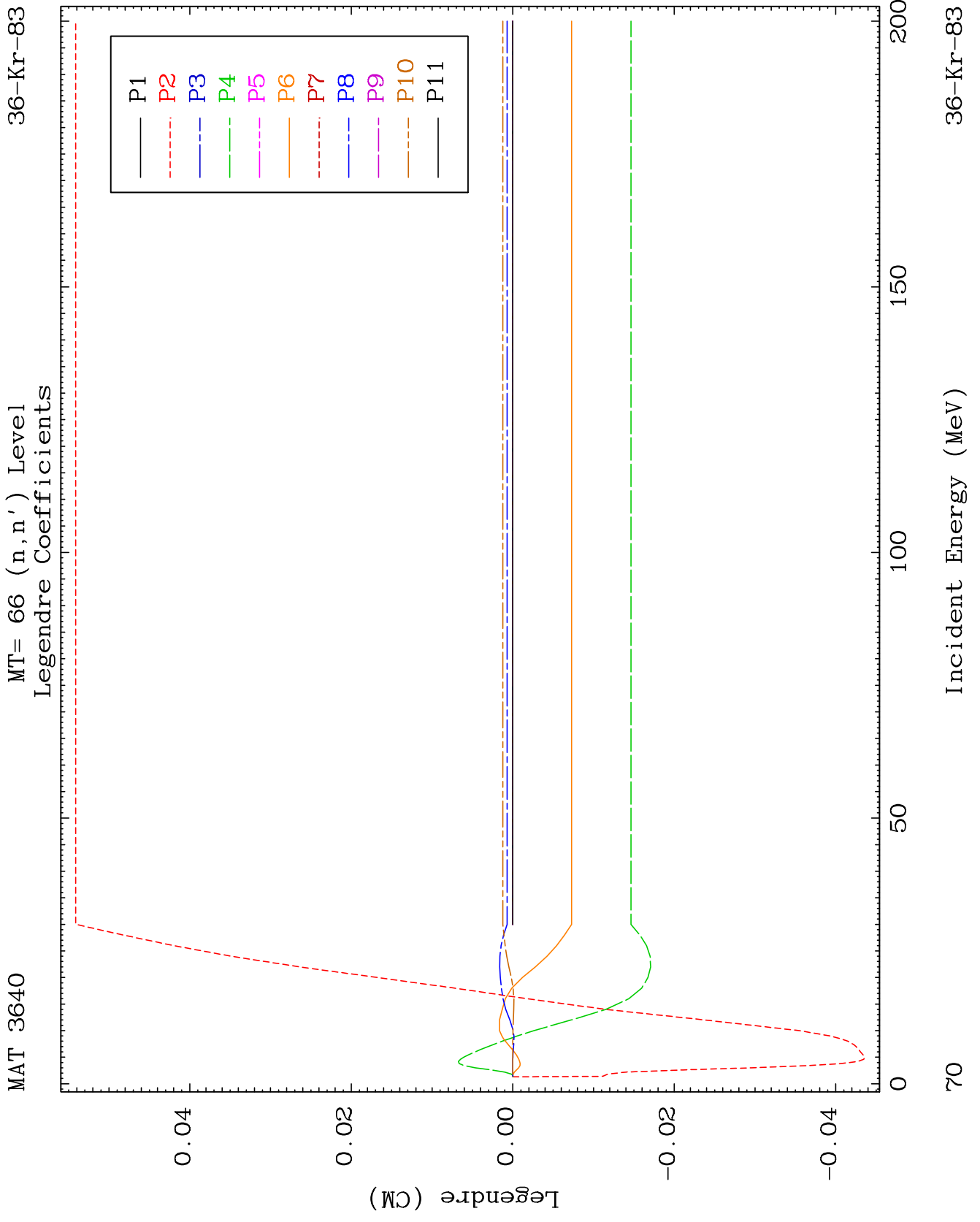
36-Kr-83

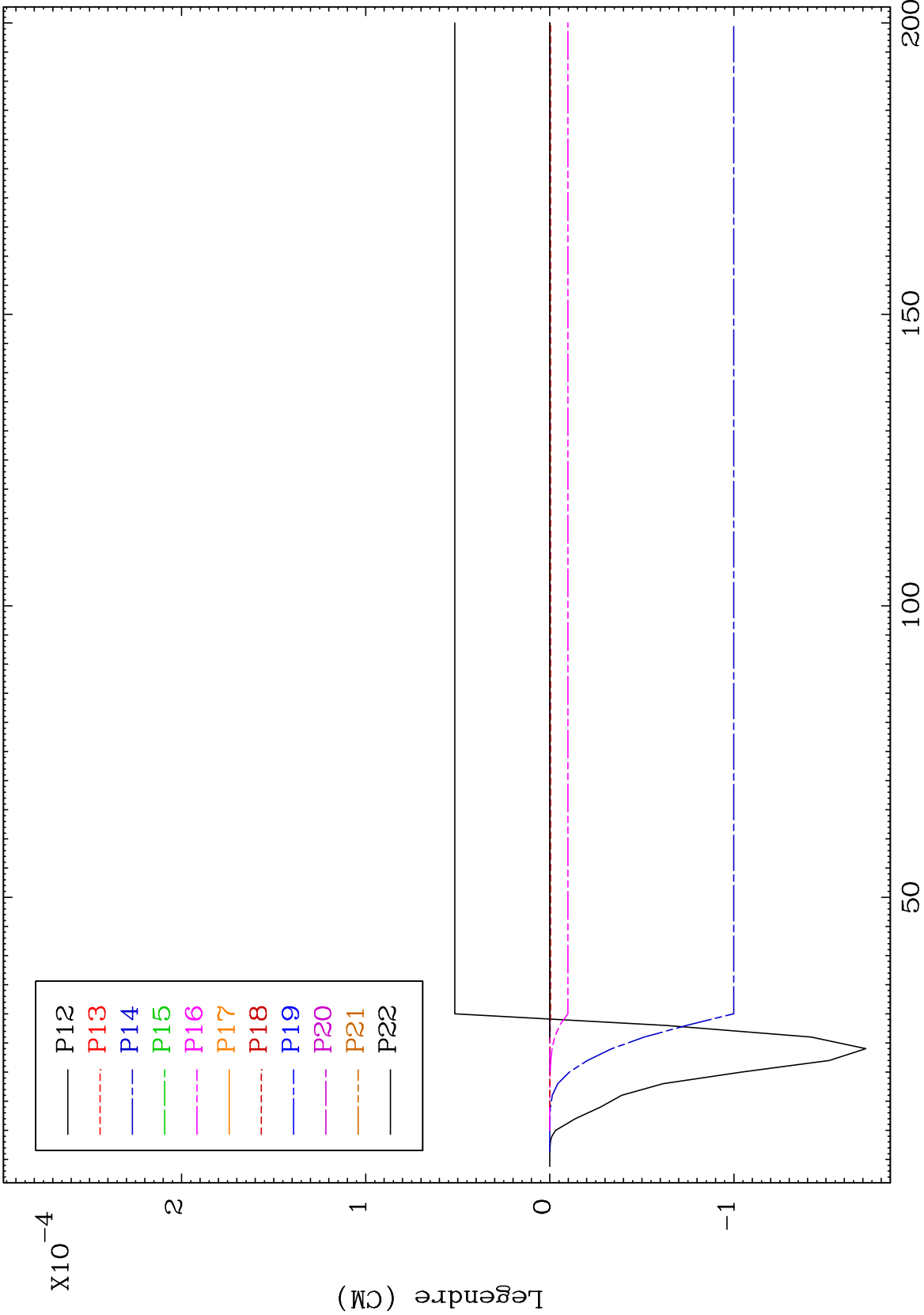


69

Incident Energy (MeV)

36-Kr-83





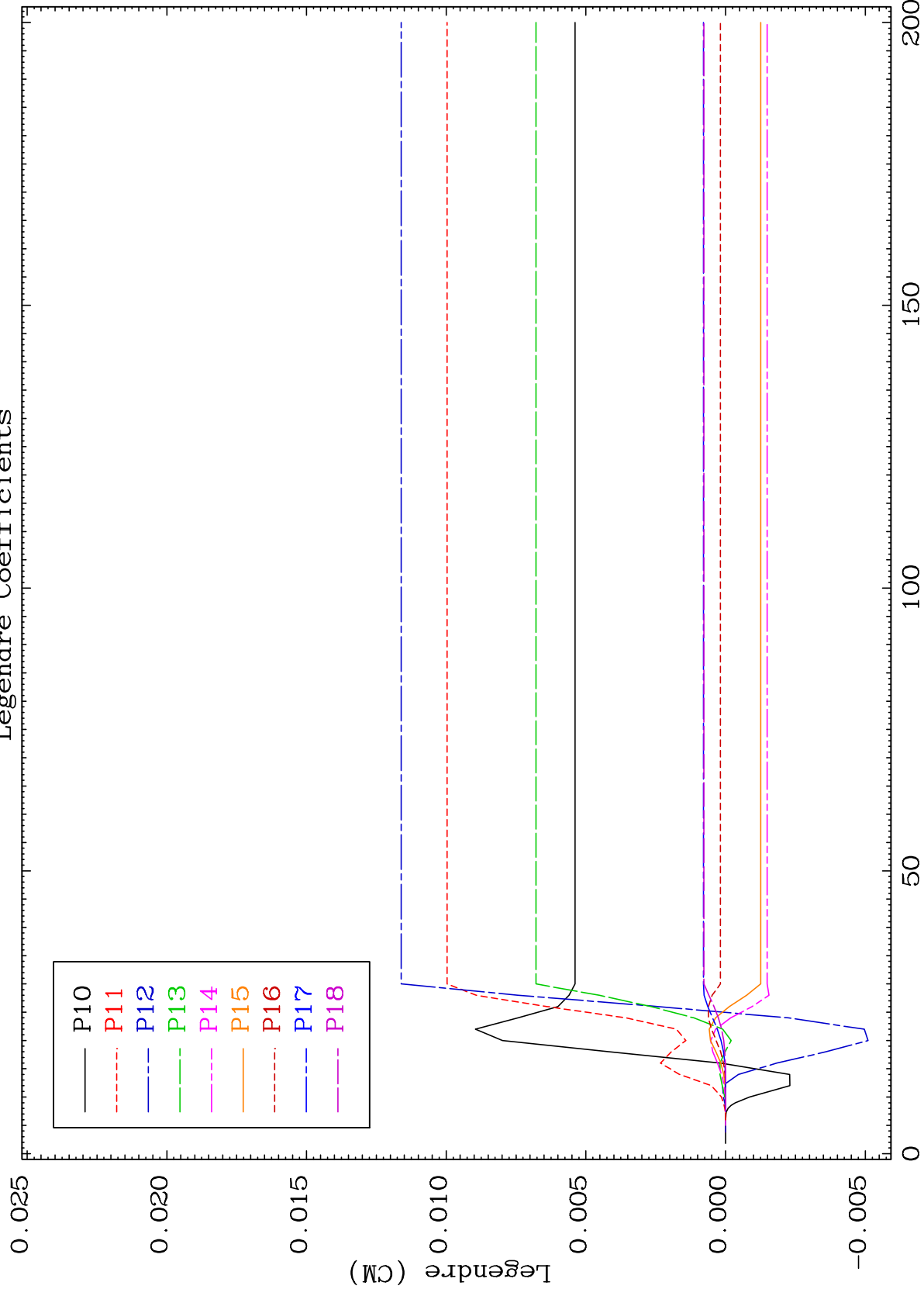




MAT 3640

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

36-Kr-83



73

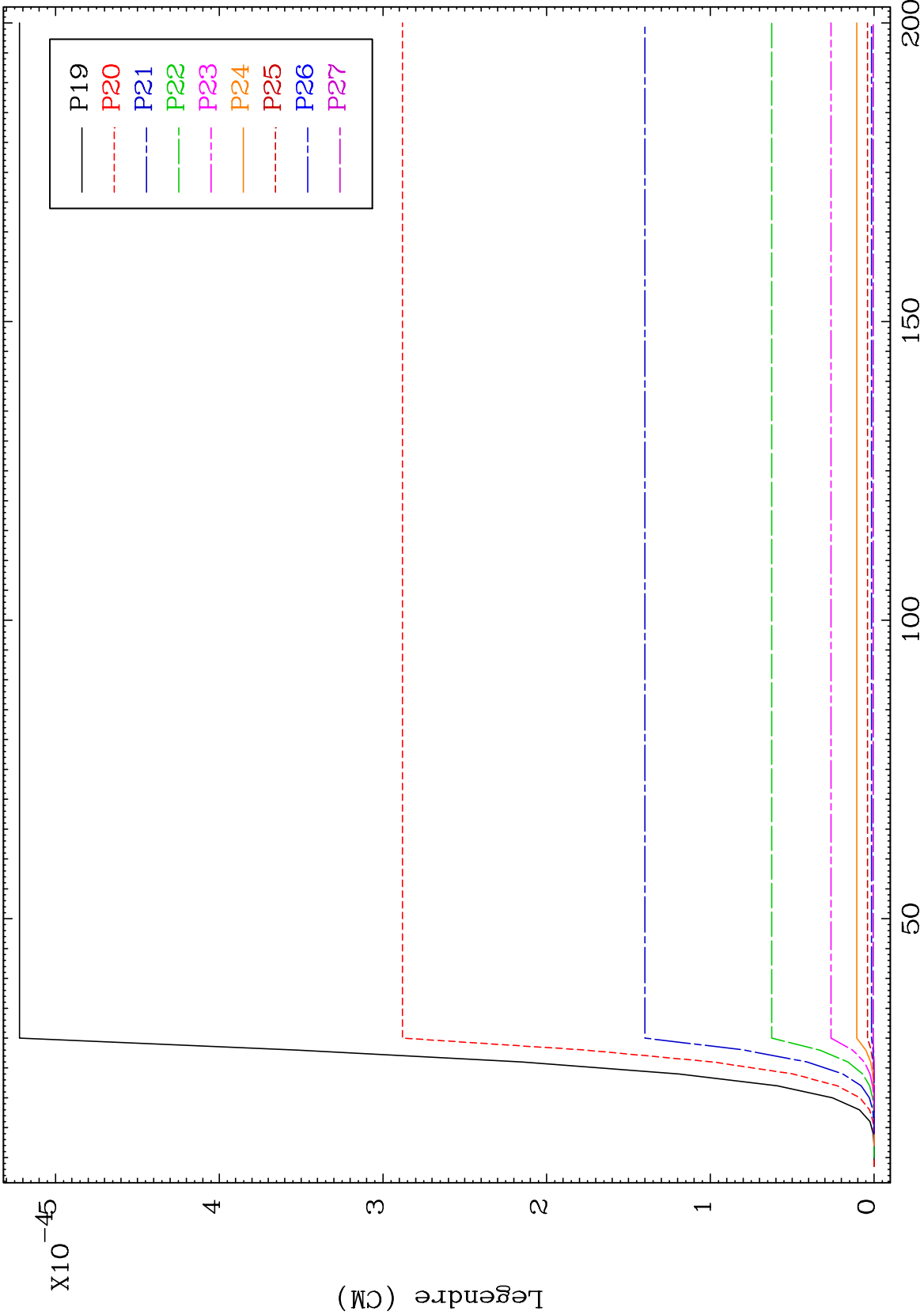
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



74

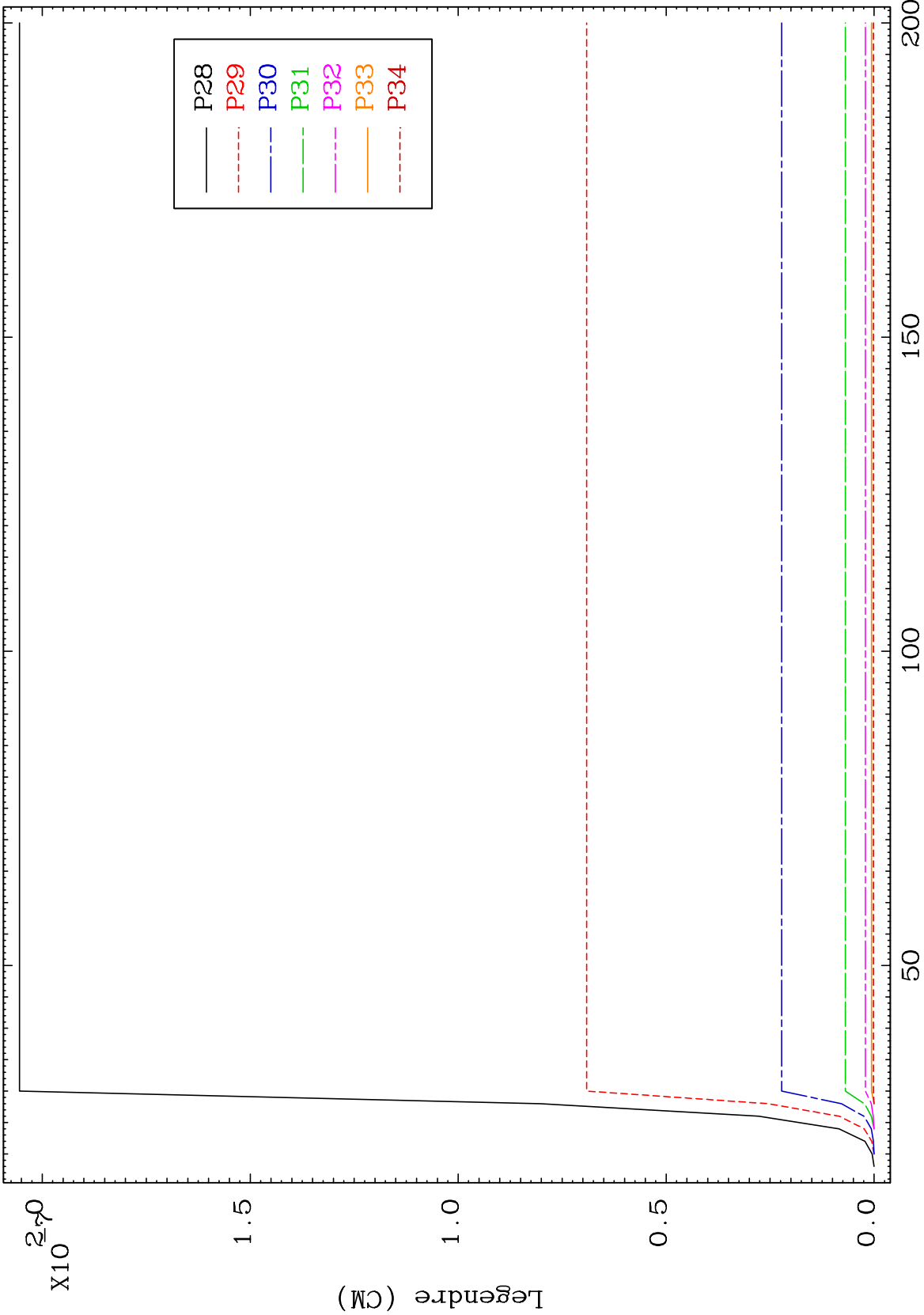
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



75

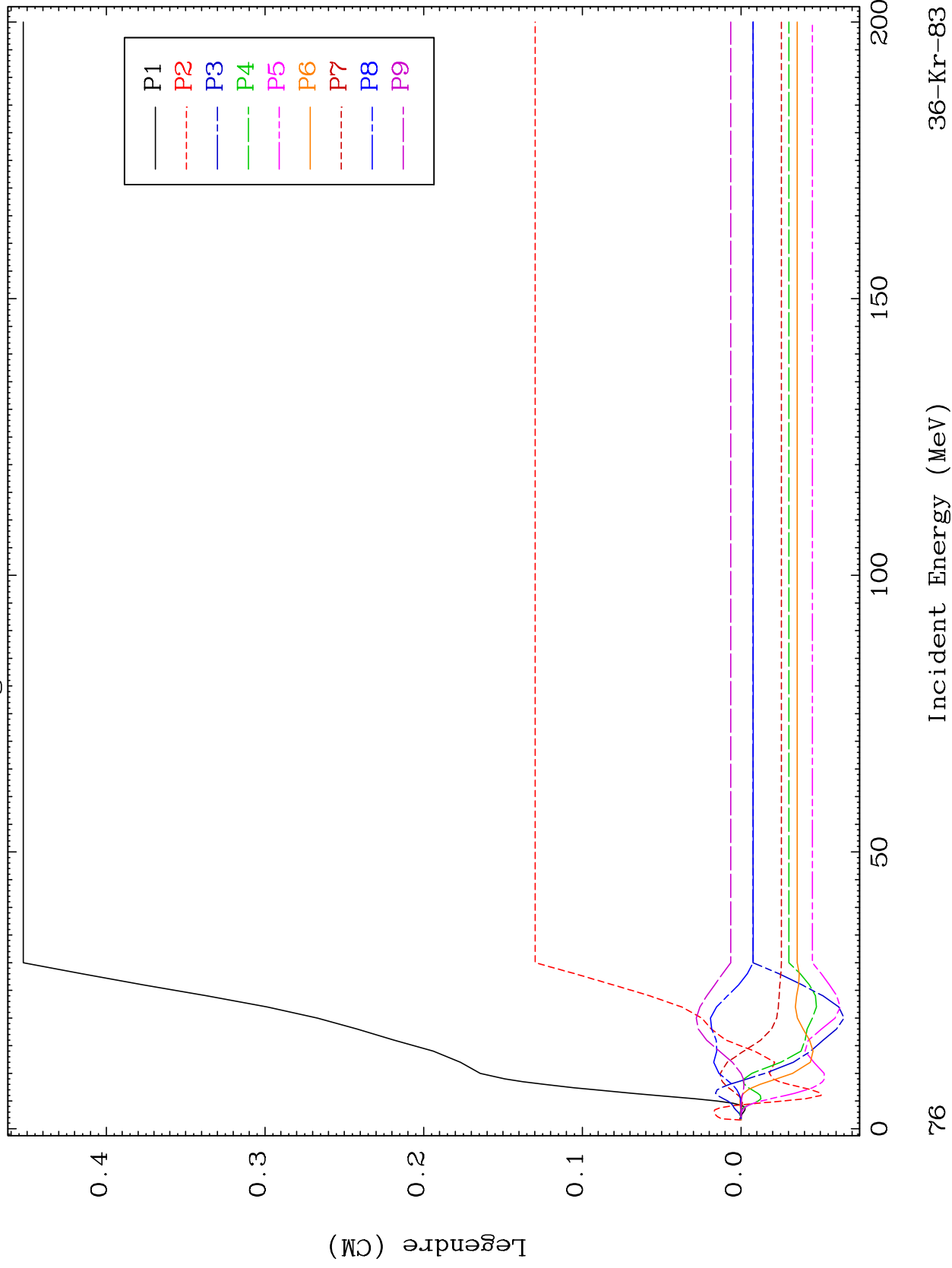
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

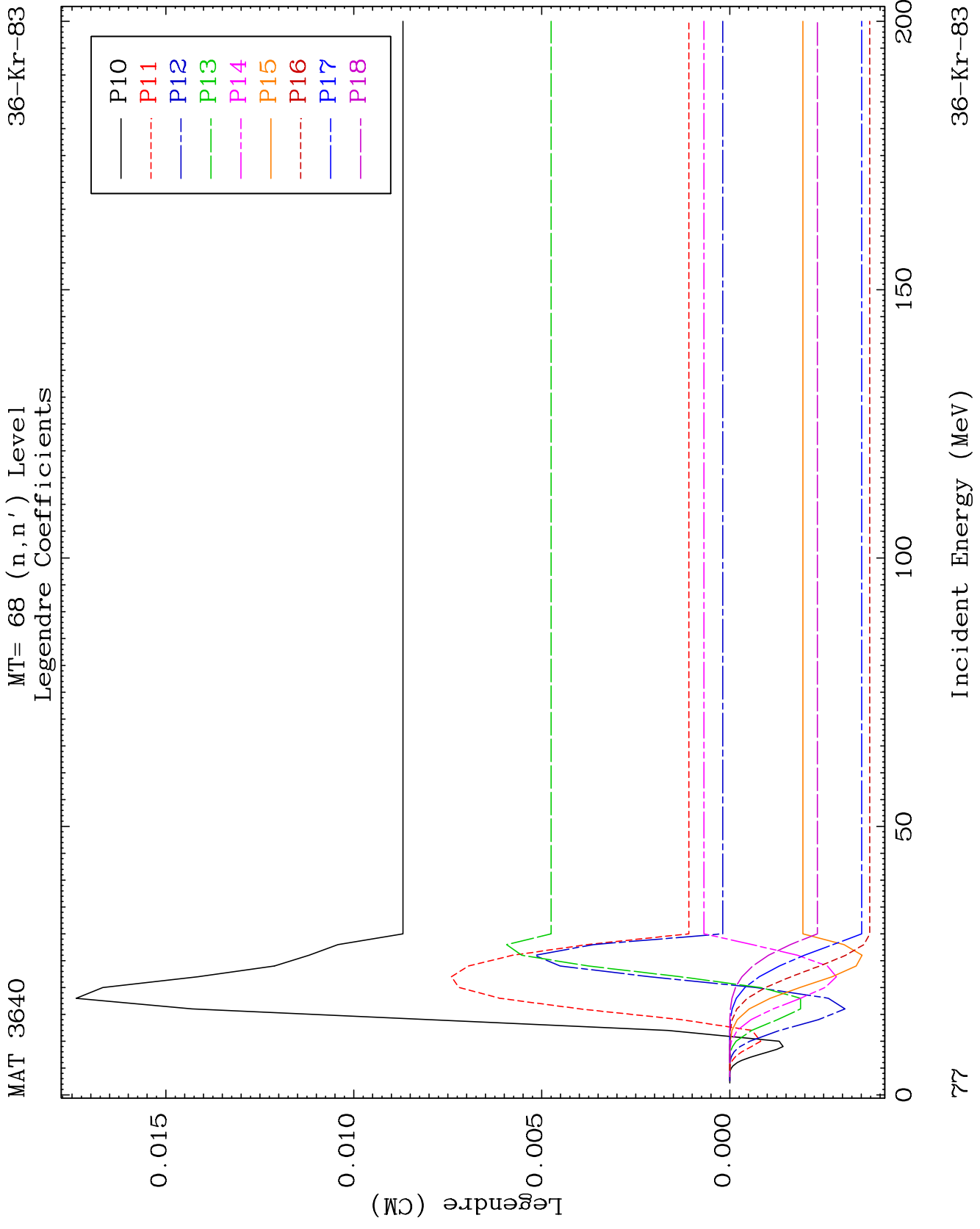
36-Kr-83

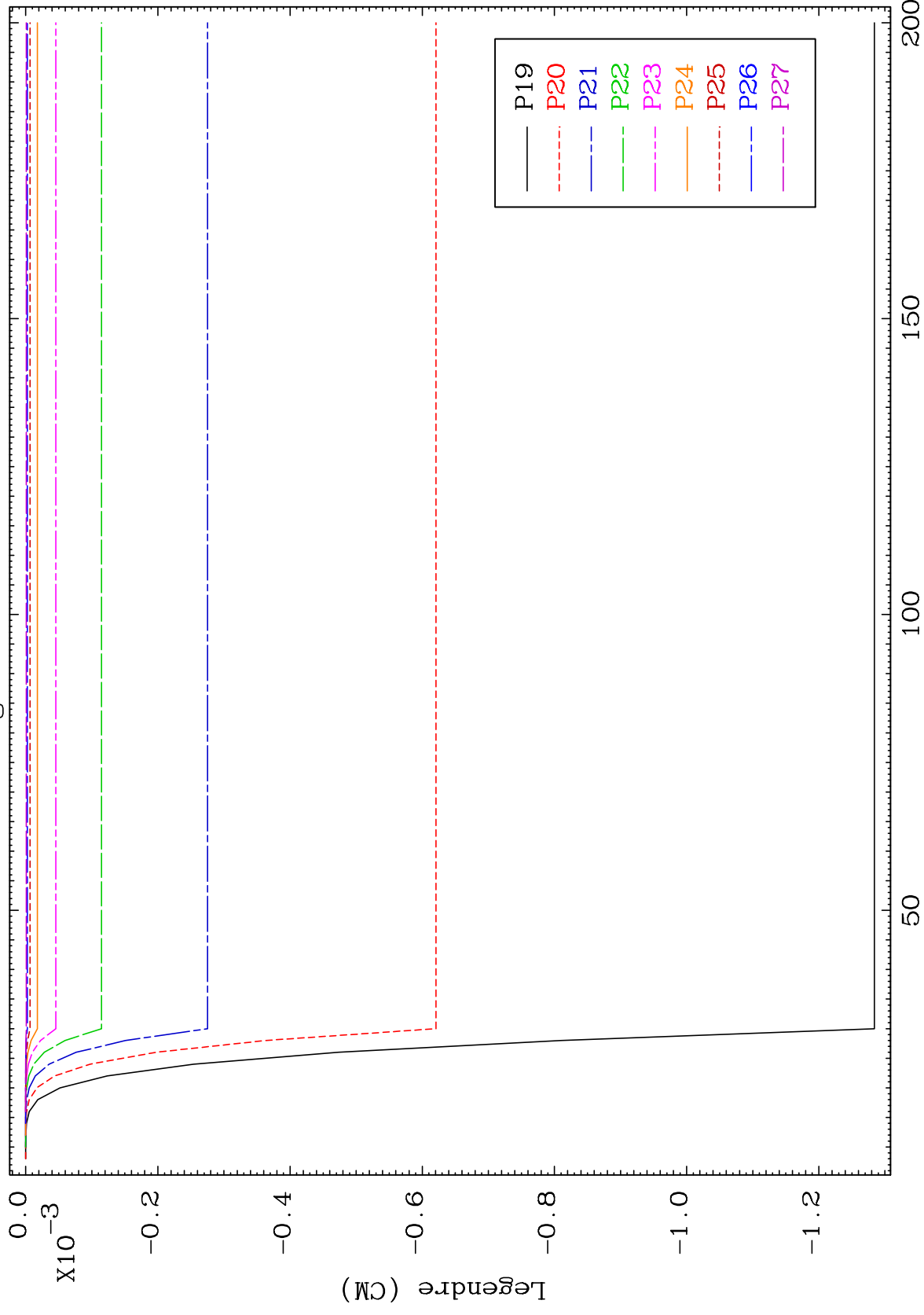


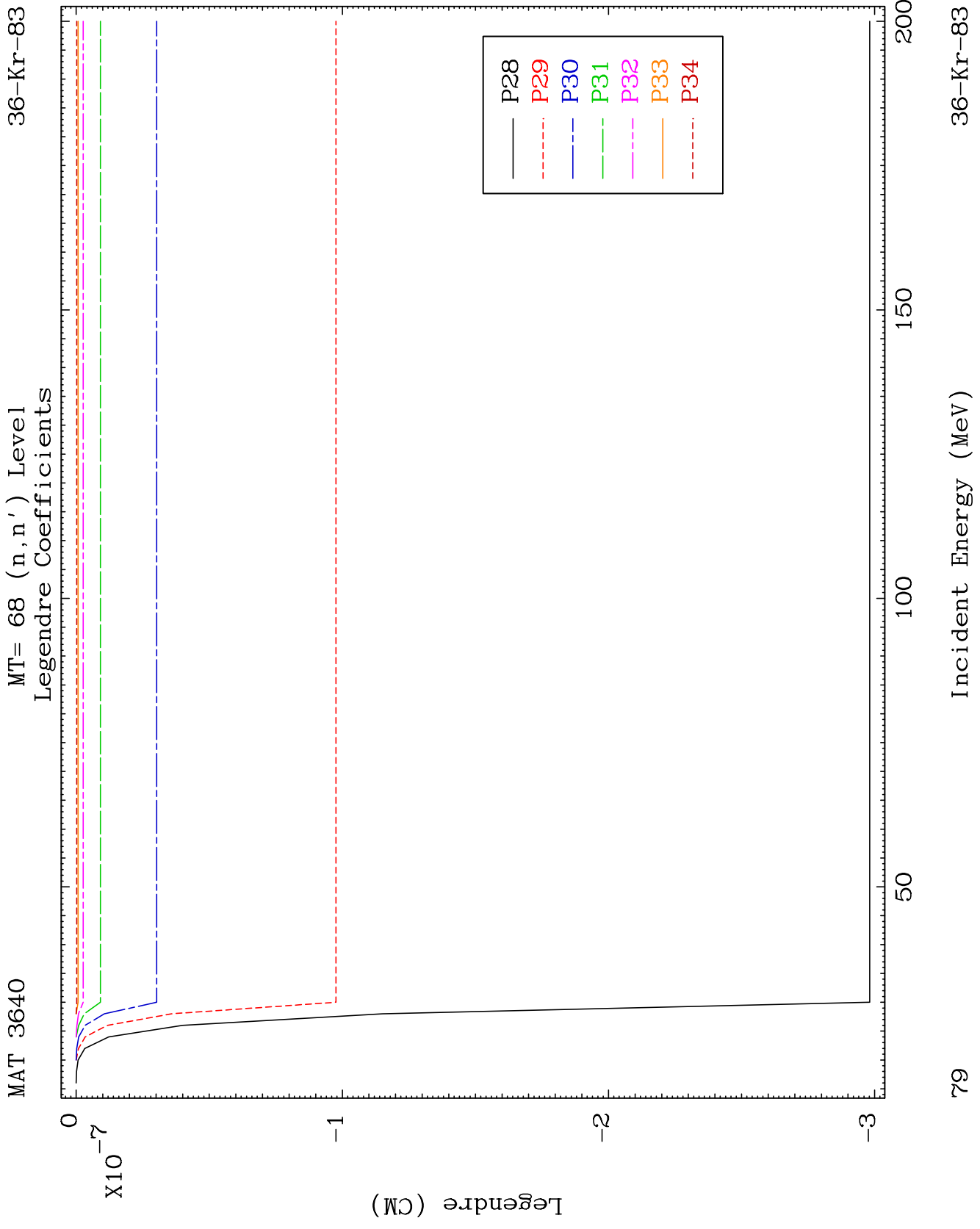
36-Kr-83

Incident Energy (MeV)

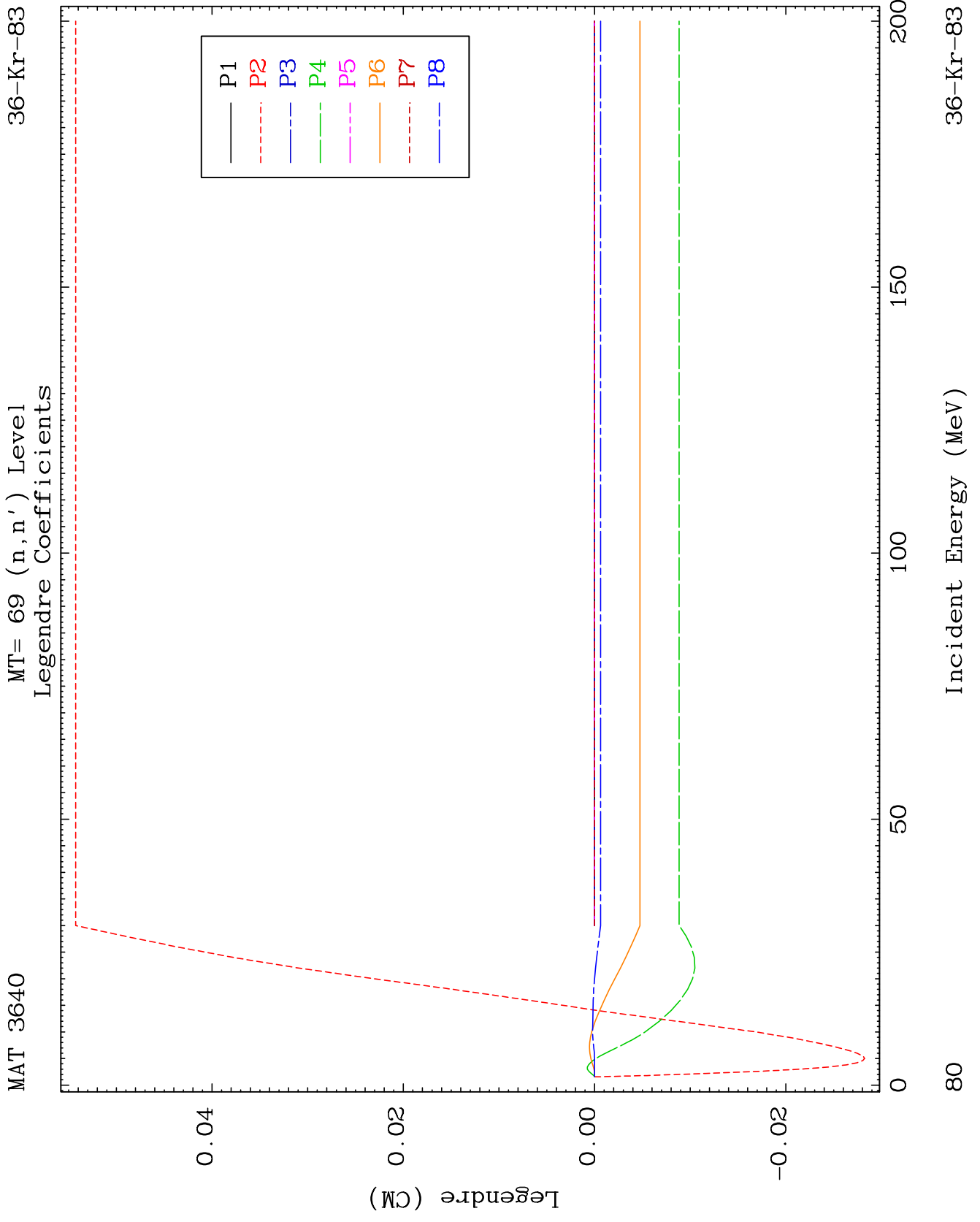
76







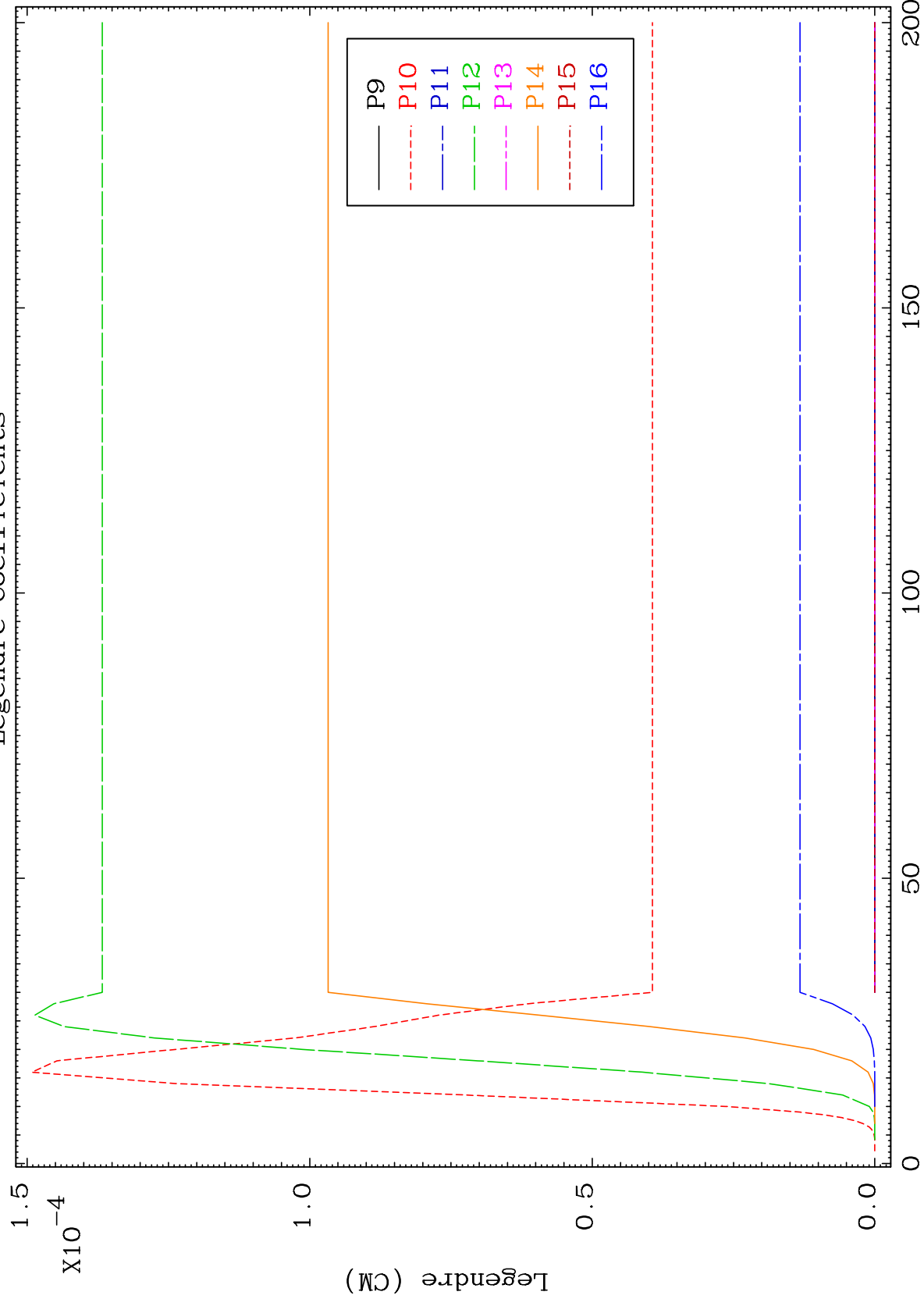




MAT 3640

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

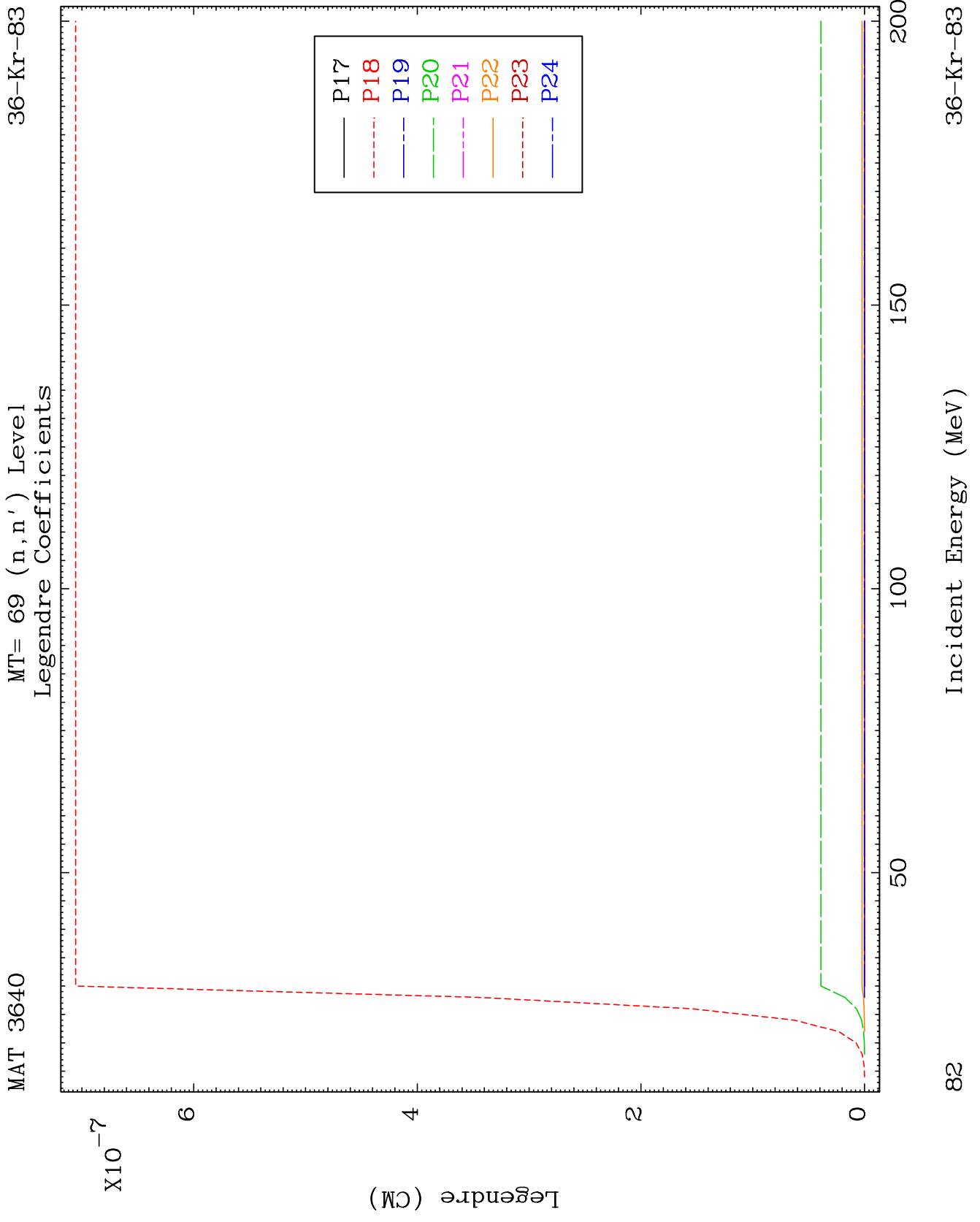
36-Kr-83



81

Incident Energy (MeV)

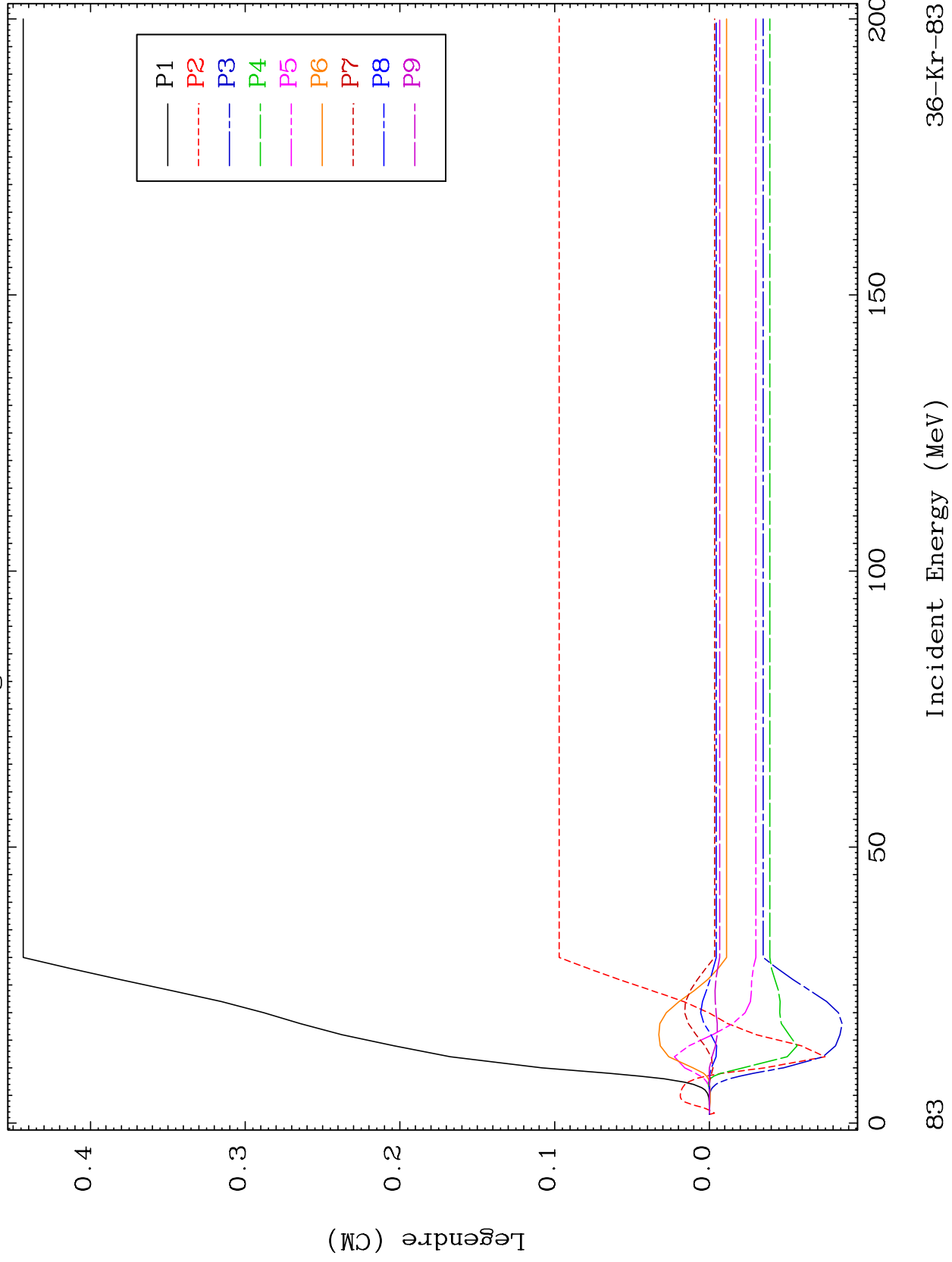
36-Kr-83



MAT 3640

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

36-Kr-83



36-Kr-83

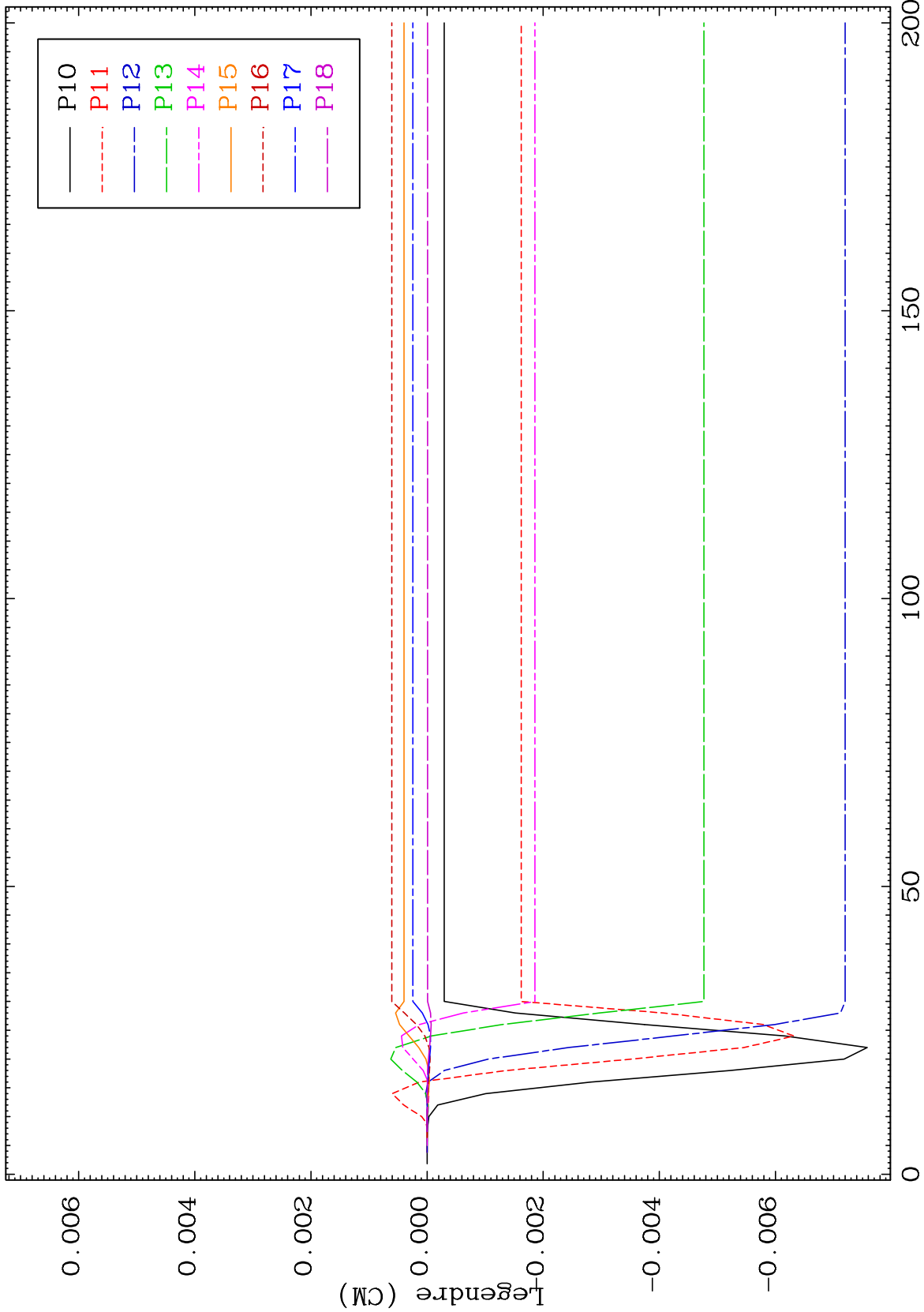
Incident Energy (MeV)

83

MAT 3640

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

36-Kr-83



84

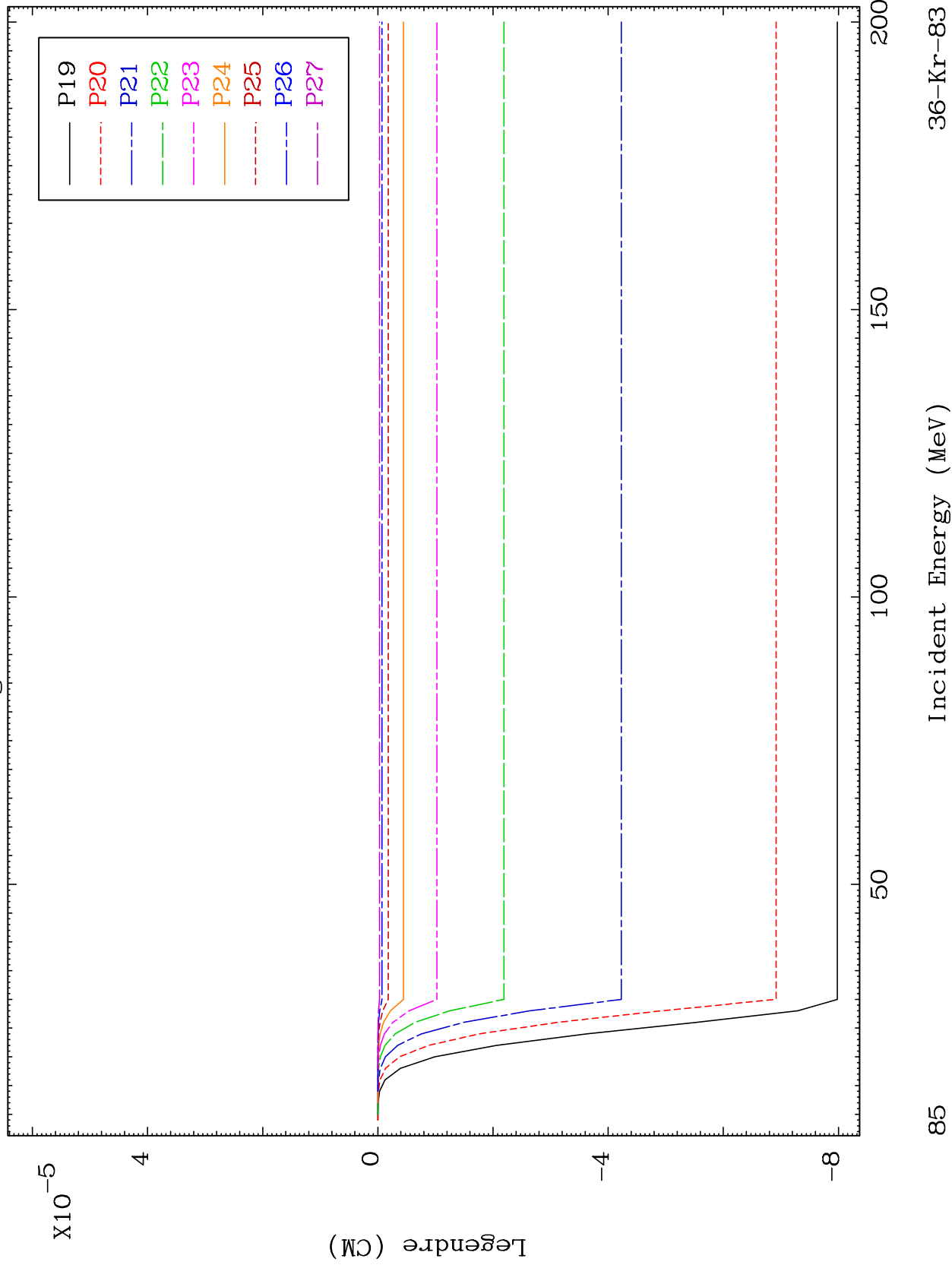
Incident Energy (MeV)

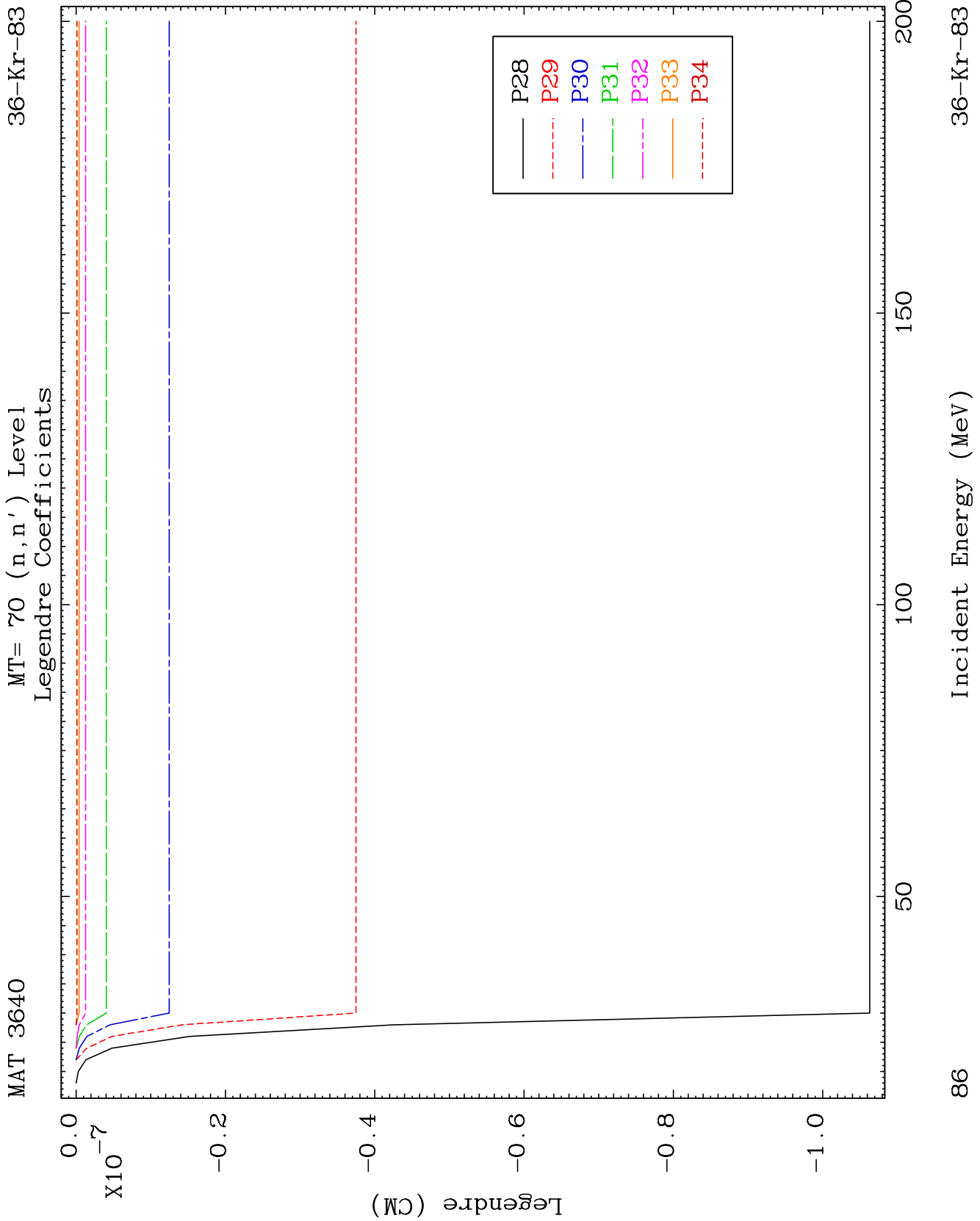
36-Kr-83

MAT 3640

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

36-Kr-83

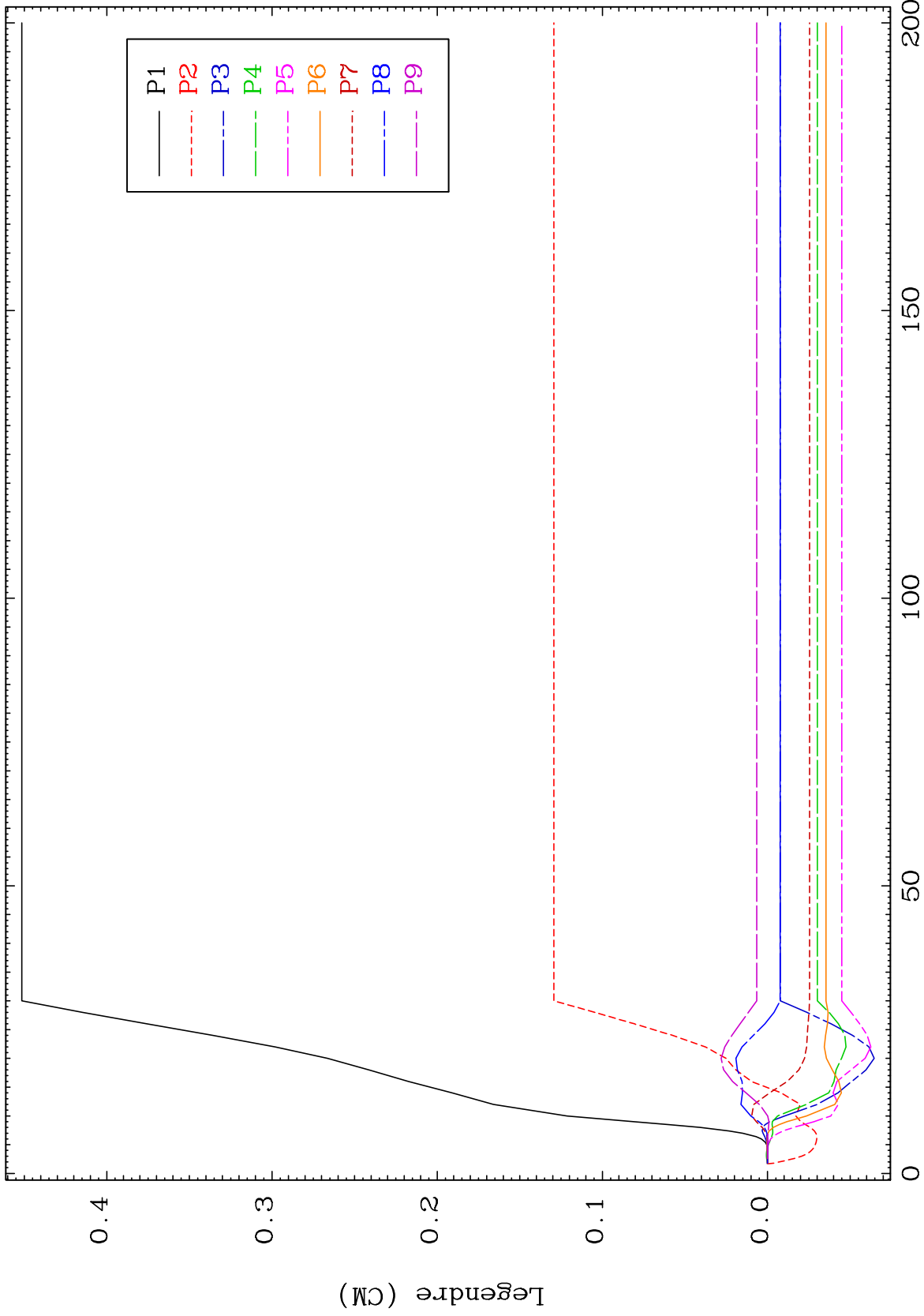




MAT 3640

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

36-Kr-83



87

Incident Energy (MeV)

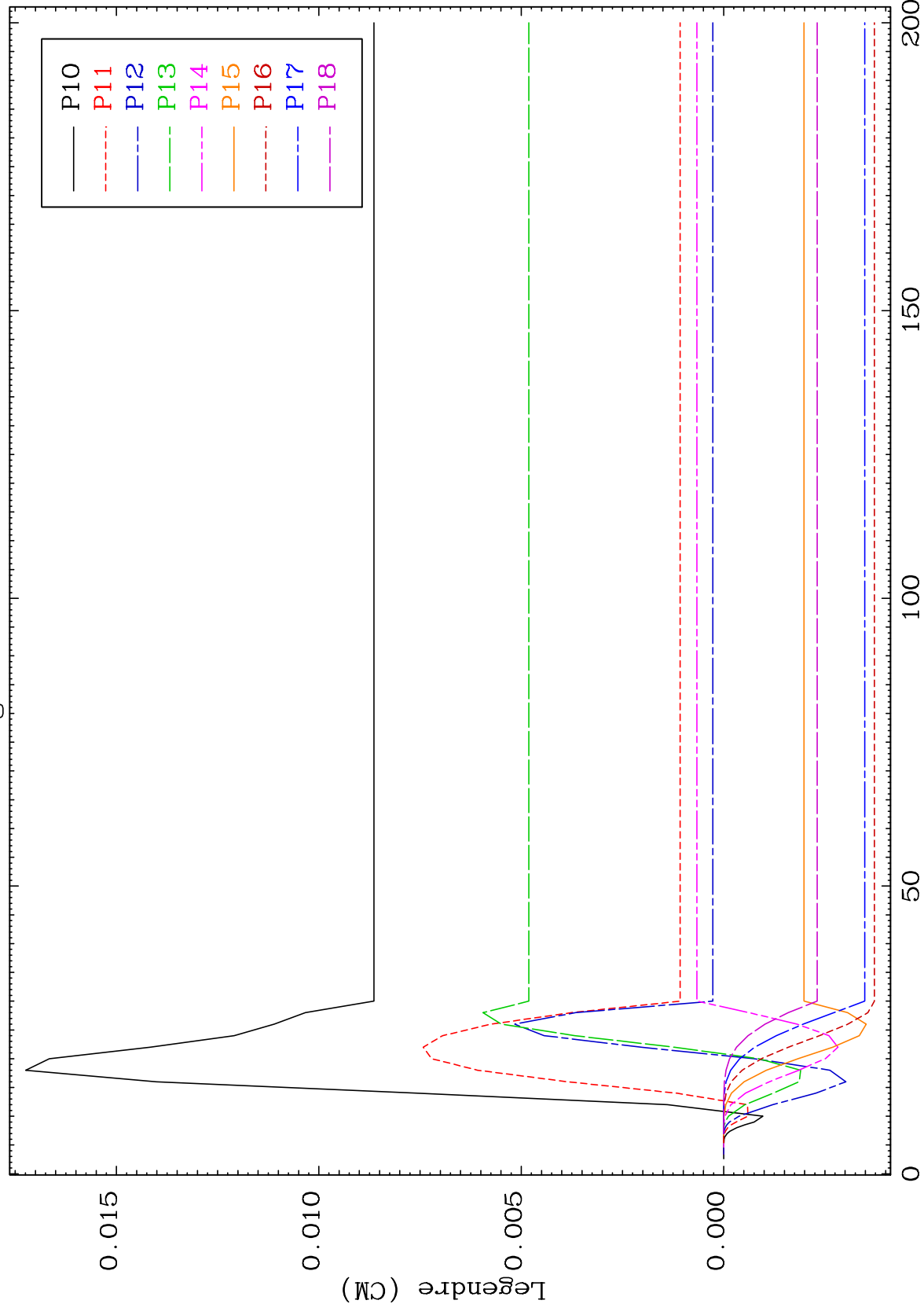
36-Kr-83



MAT 3640

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

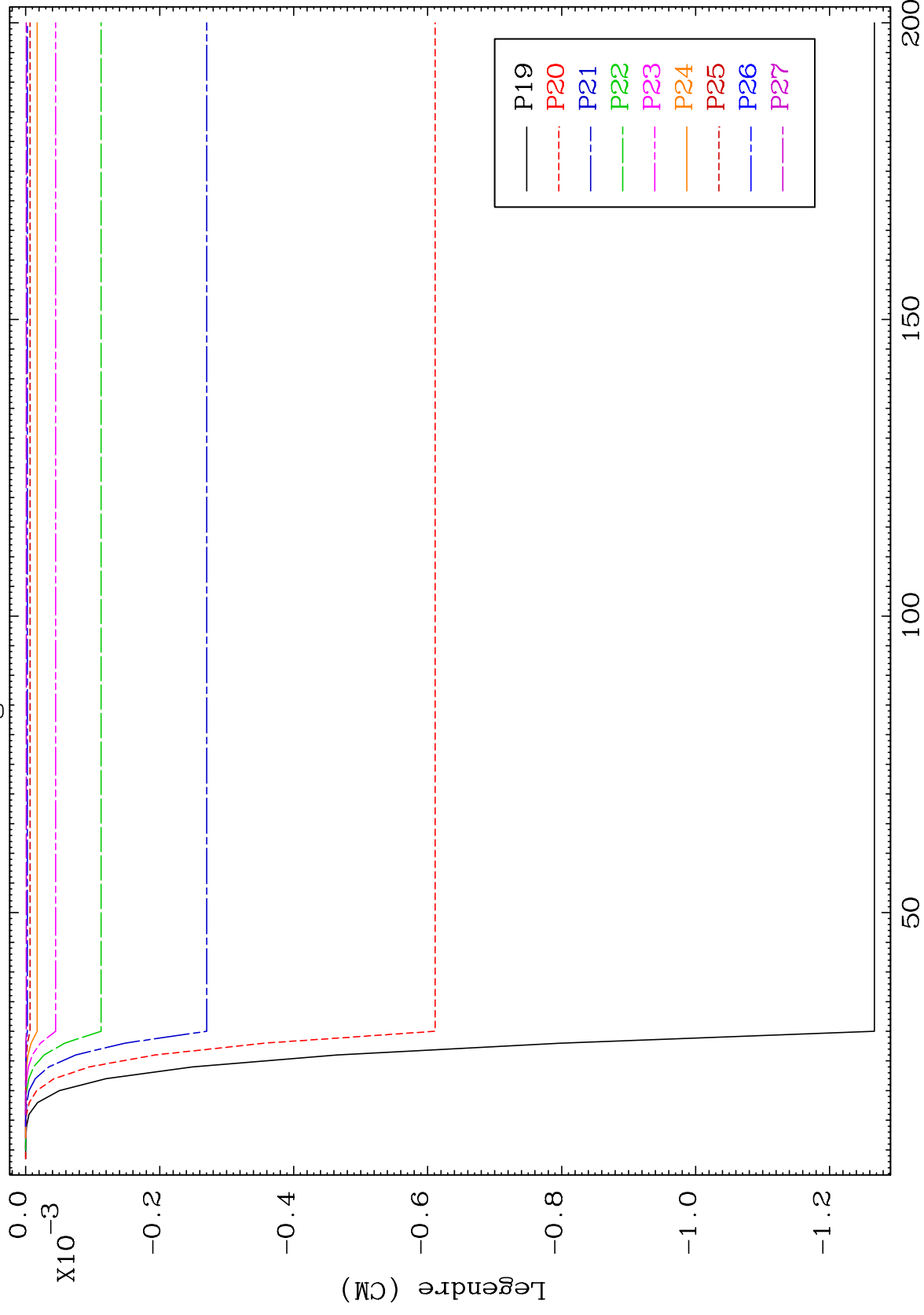
36-Kr-83

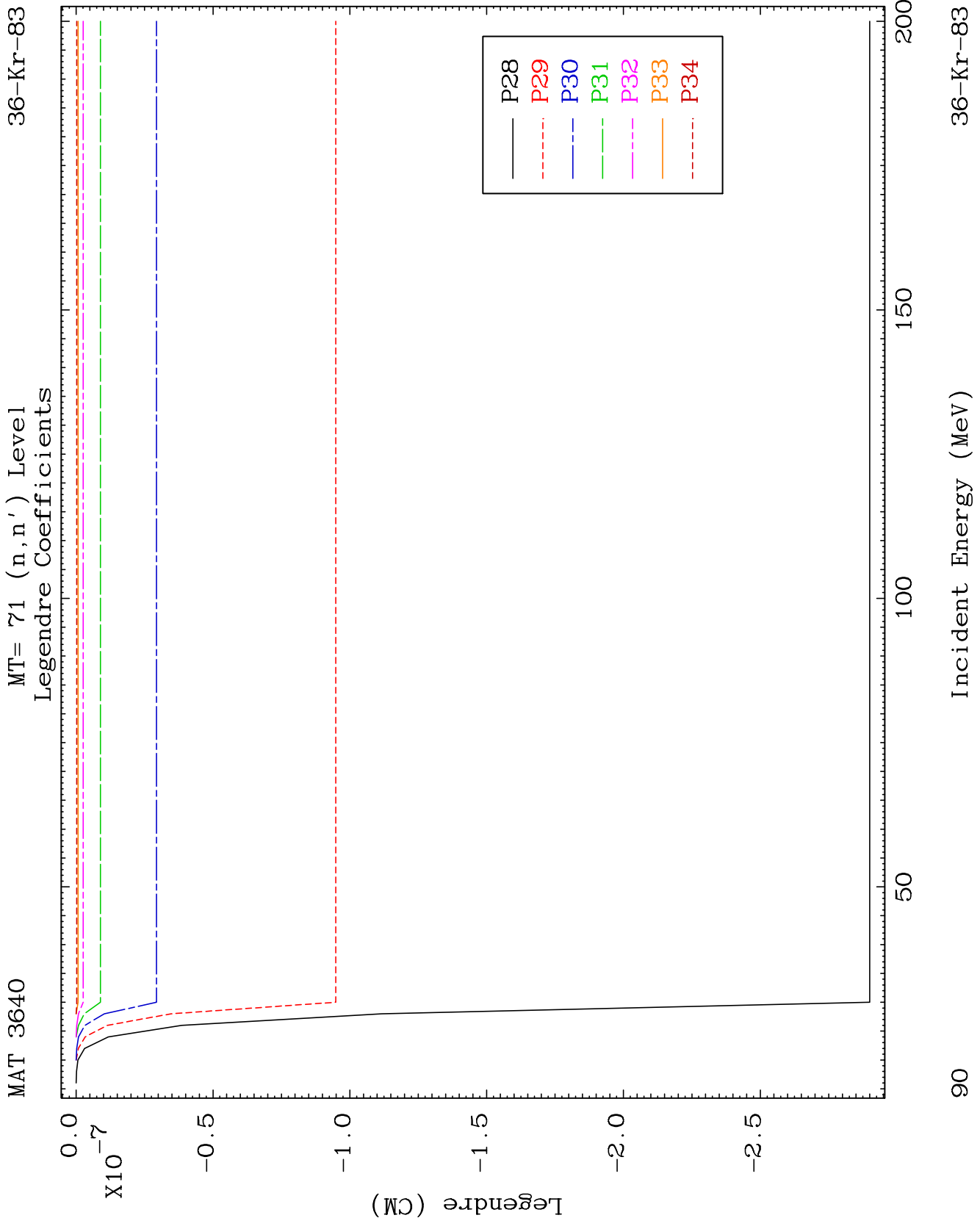


88

Incident Energy (MeV)

36-Kr-83

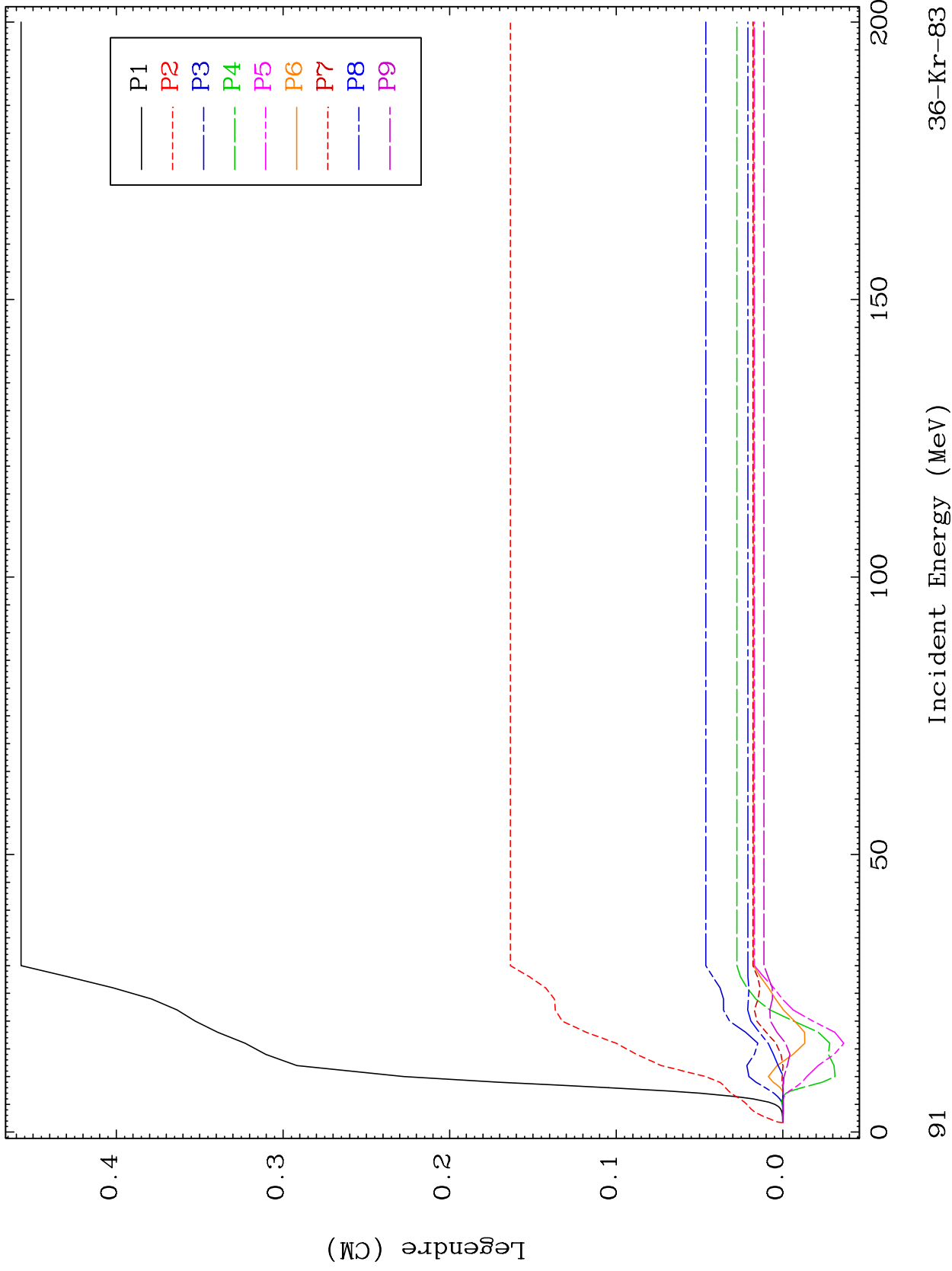




MAT 3640

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

36-Kr-83



91

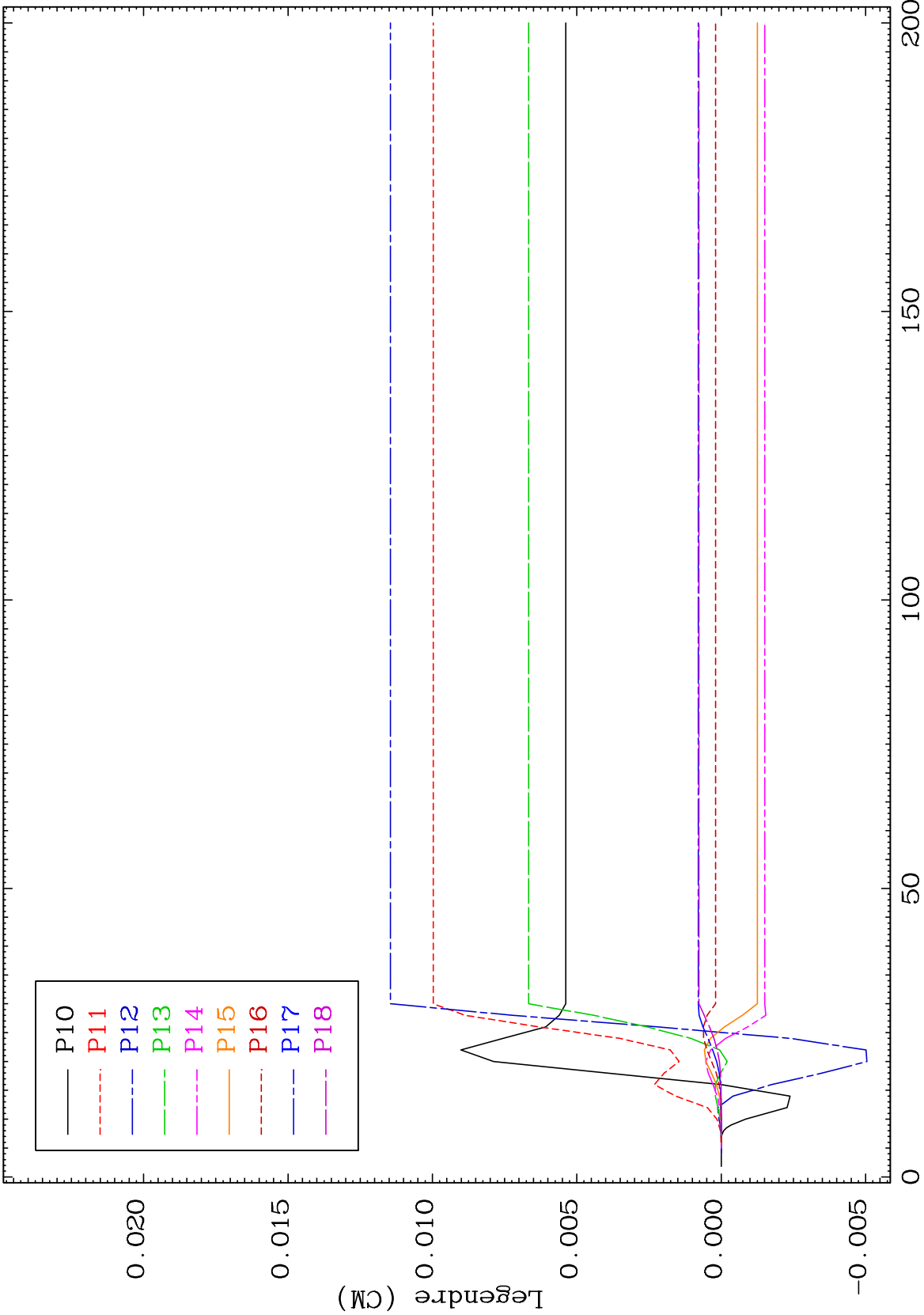
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



92

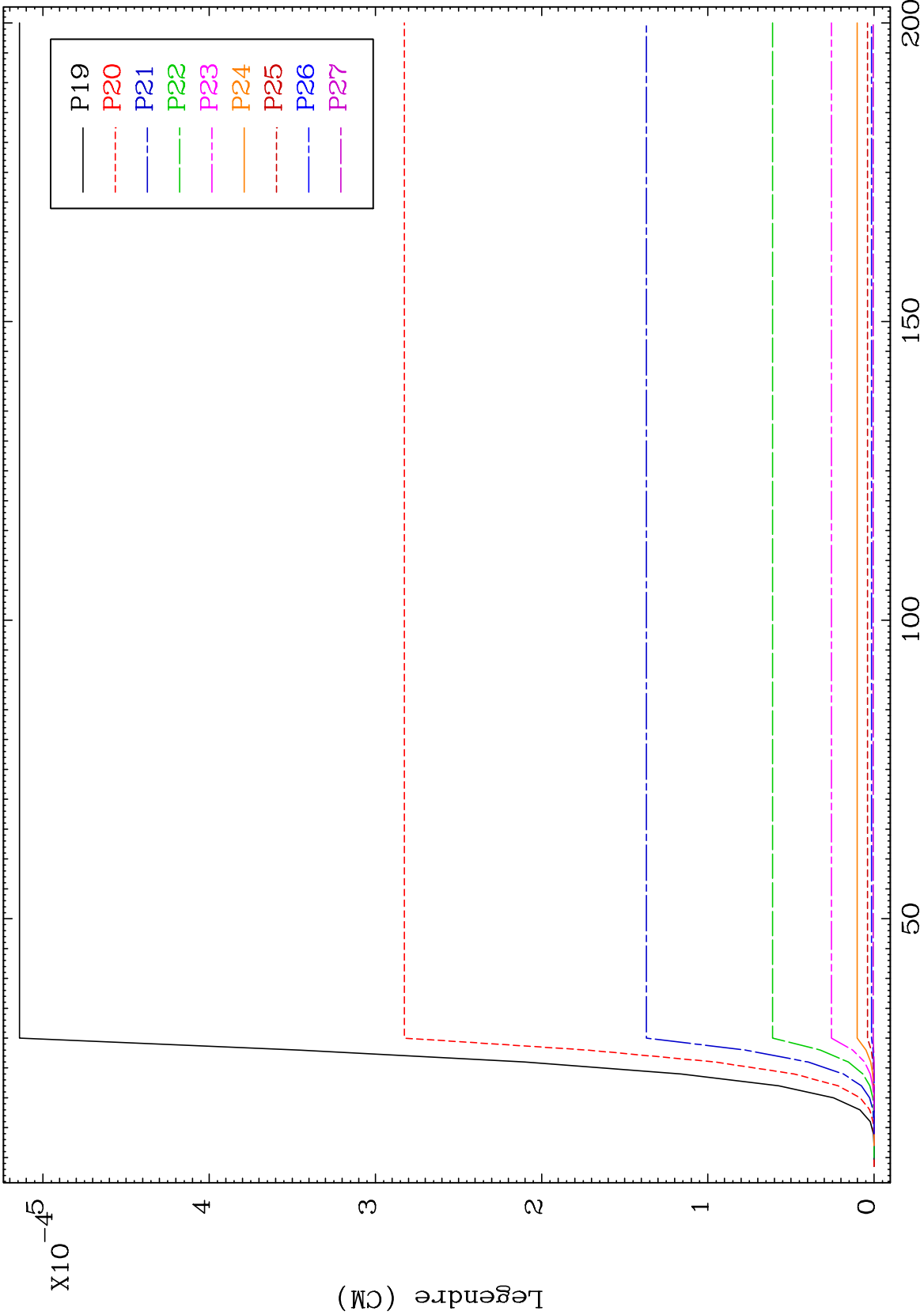
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



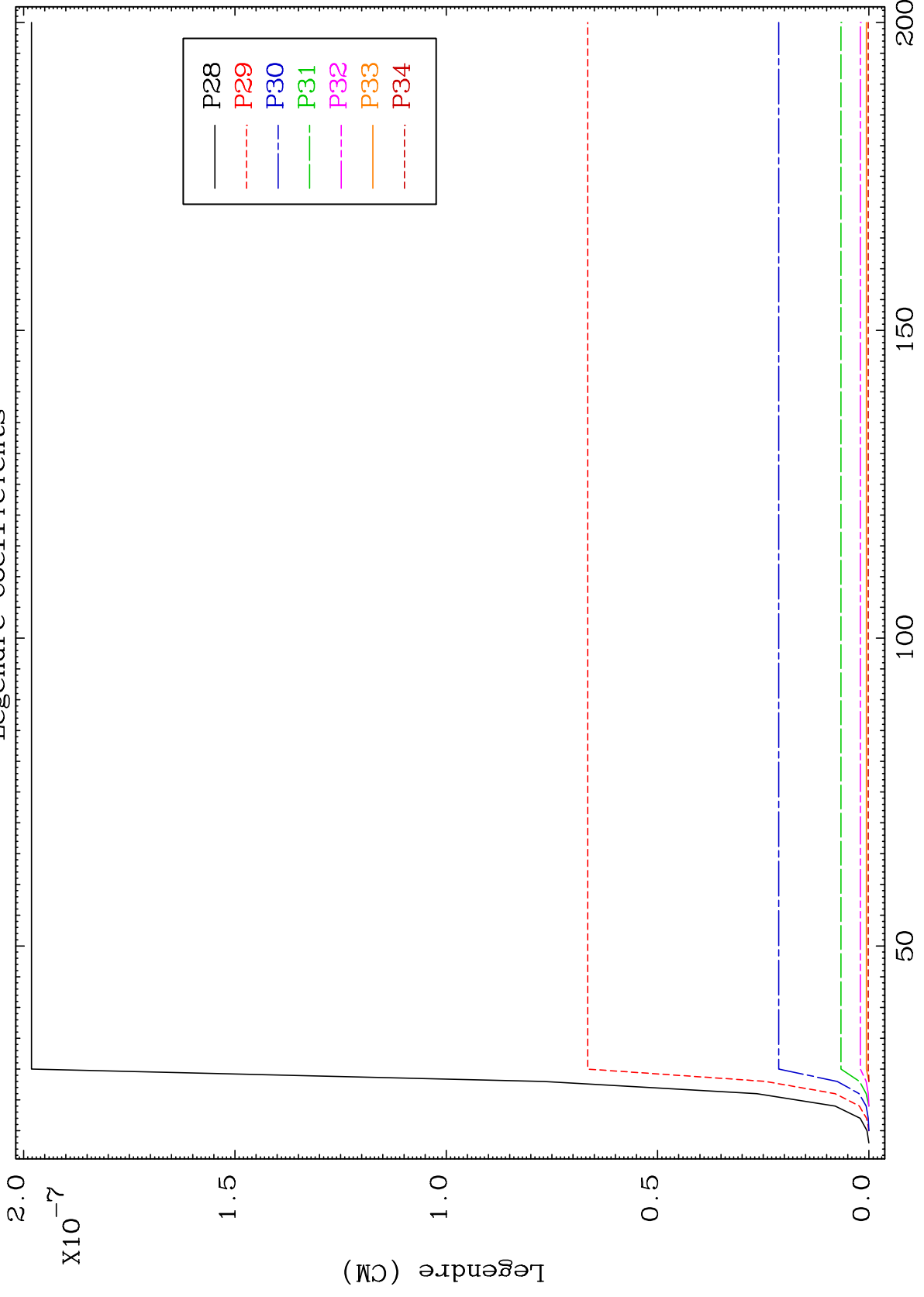
93

36-Kr-83

MAT 3640

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

36-Kr-83



36-Kr-83

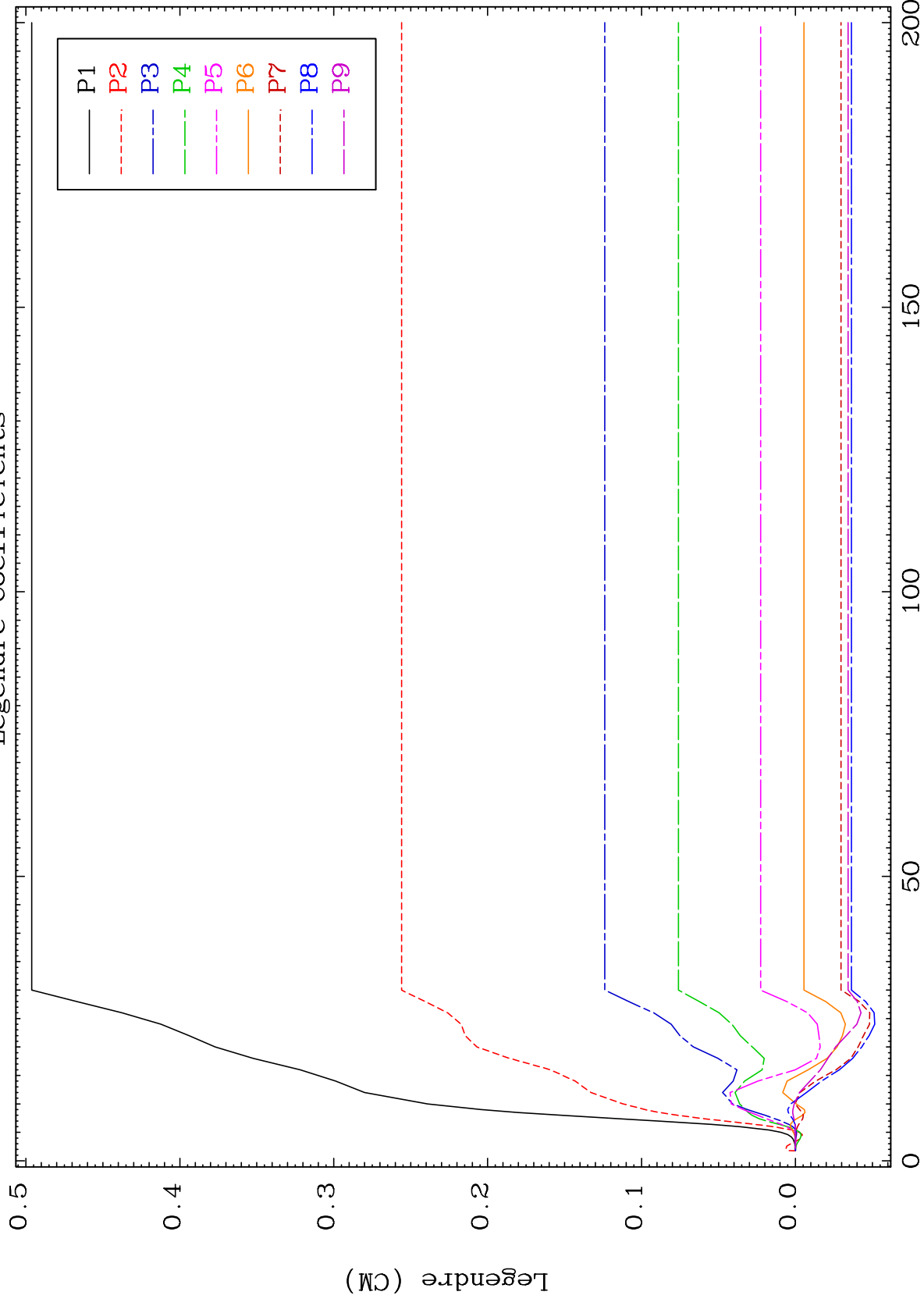
Incident Energy (MeV)

94

MAT 3640

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

36-Kr-83

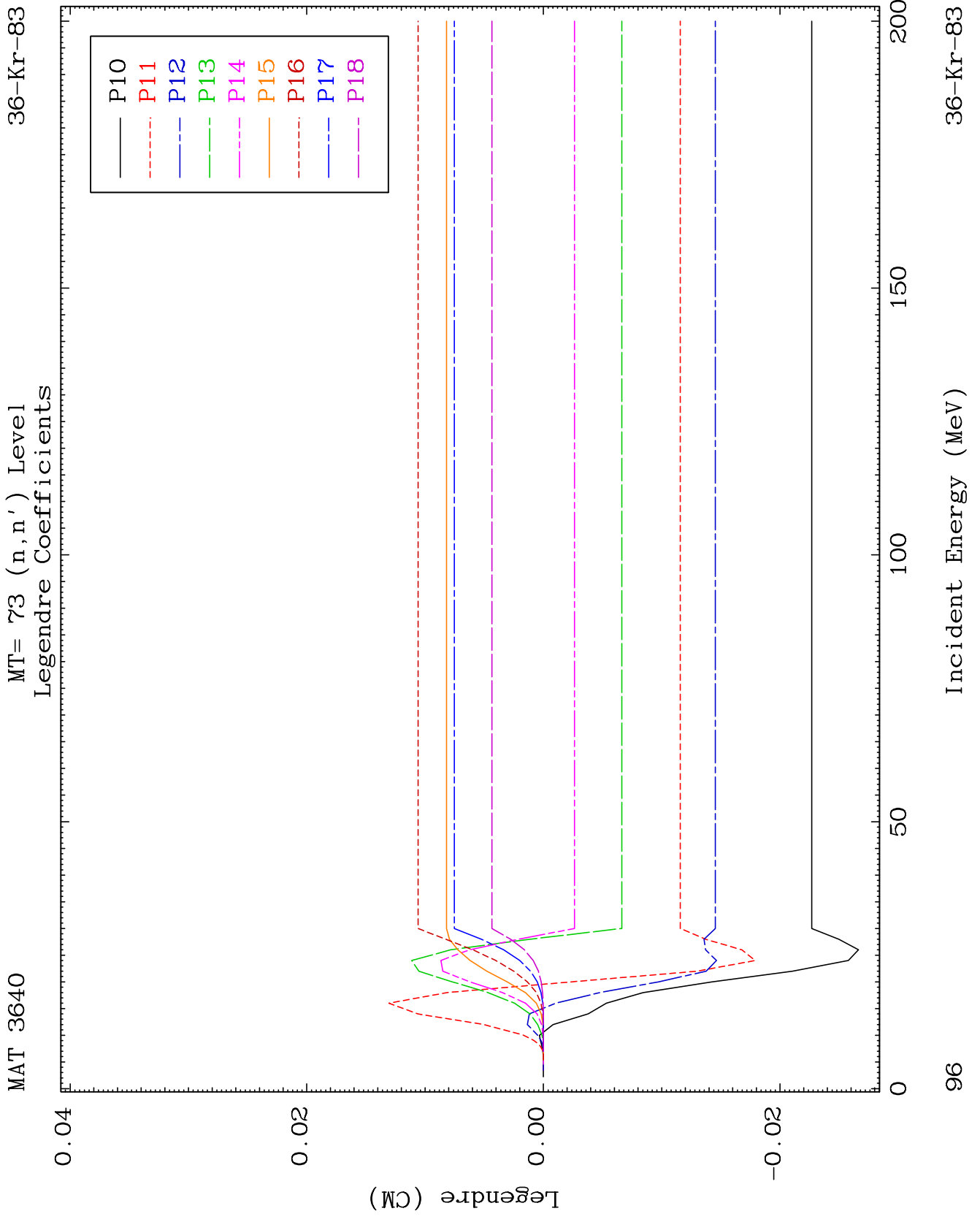


36-Kr-83

Incident Energy (MeV)

95

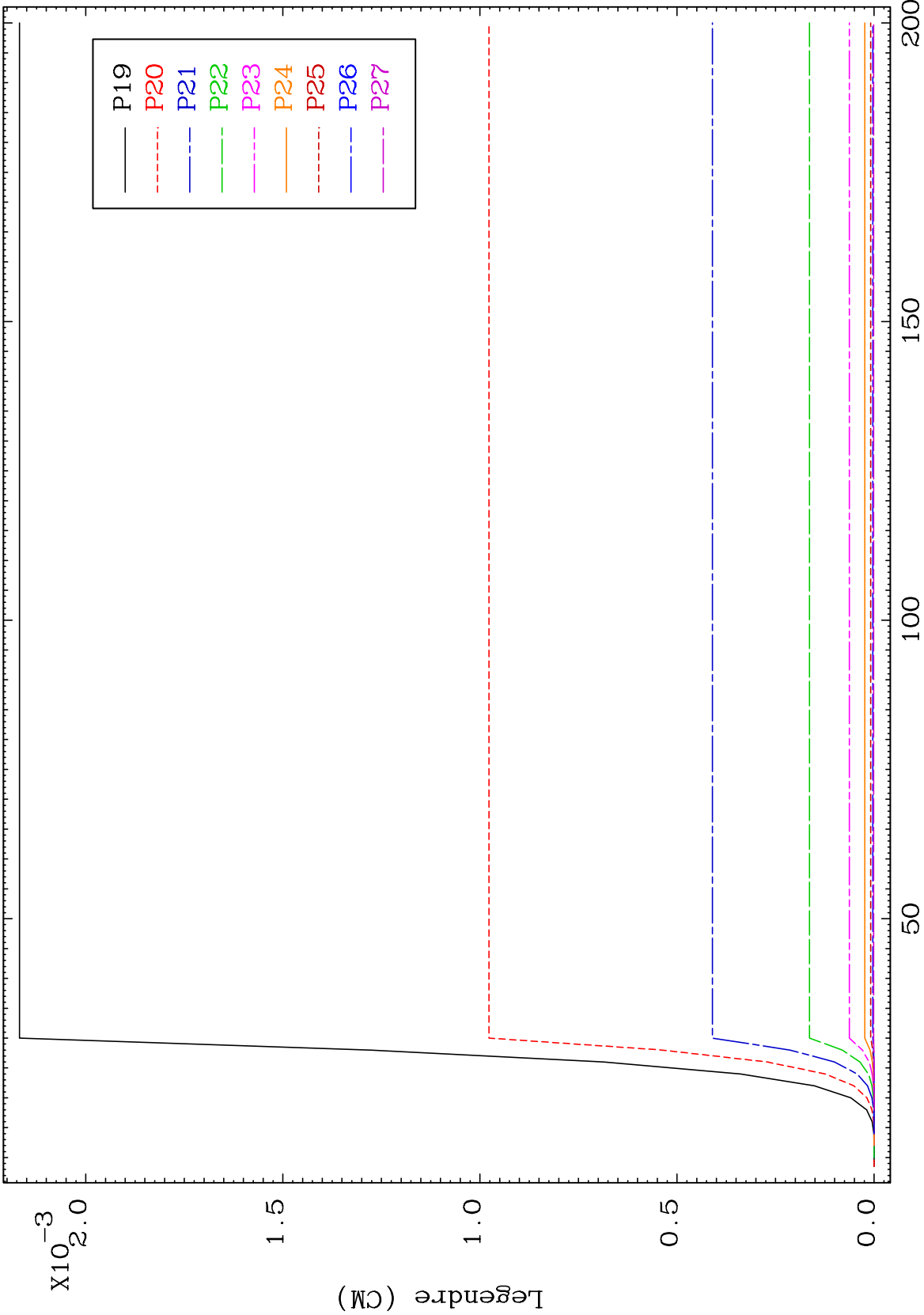




MAT 3640

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

36-Kr-83



97

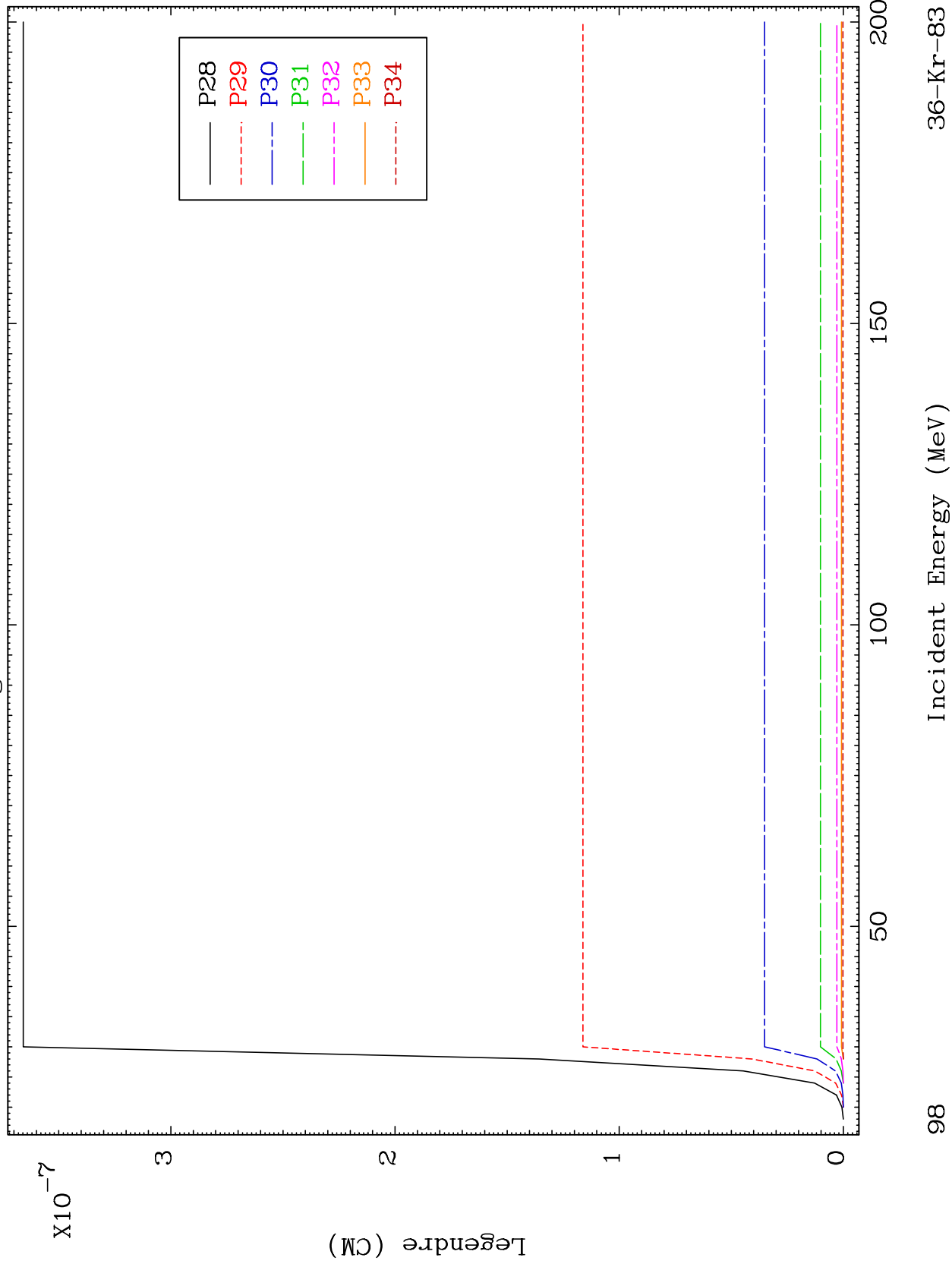
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

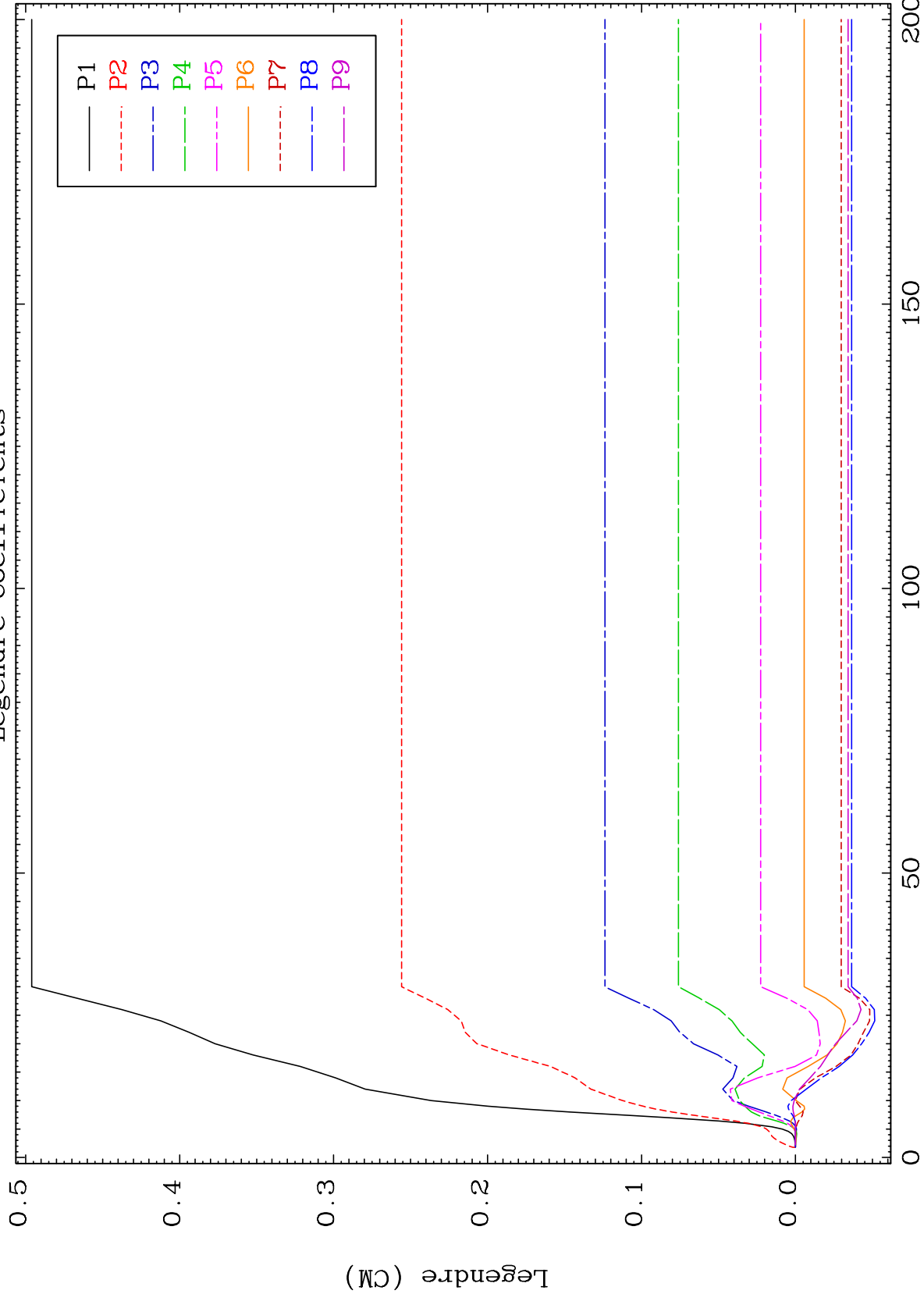
36-Kr-83



MAT 3640

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

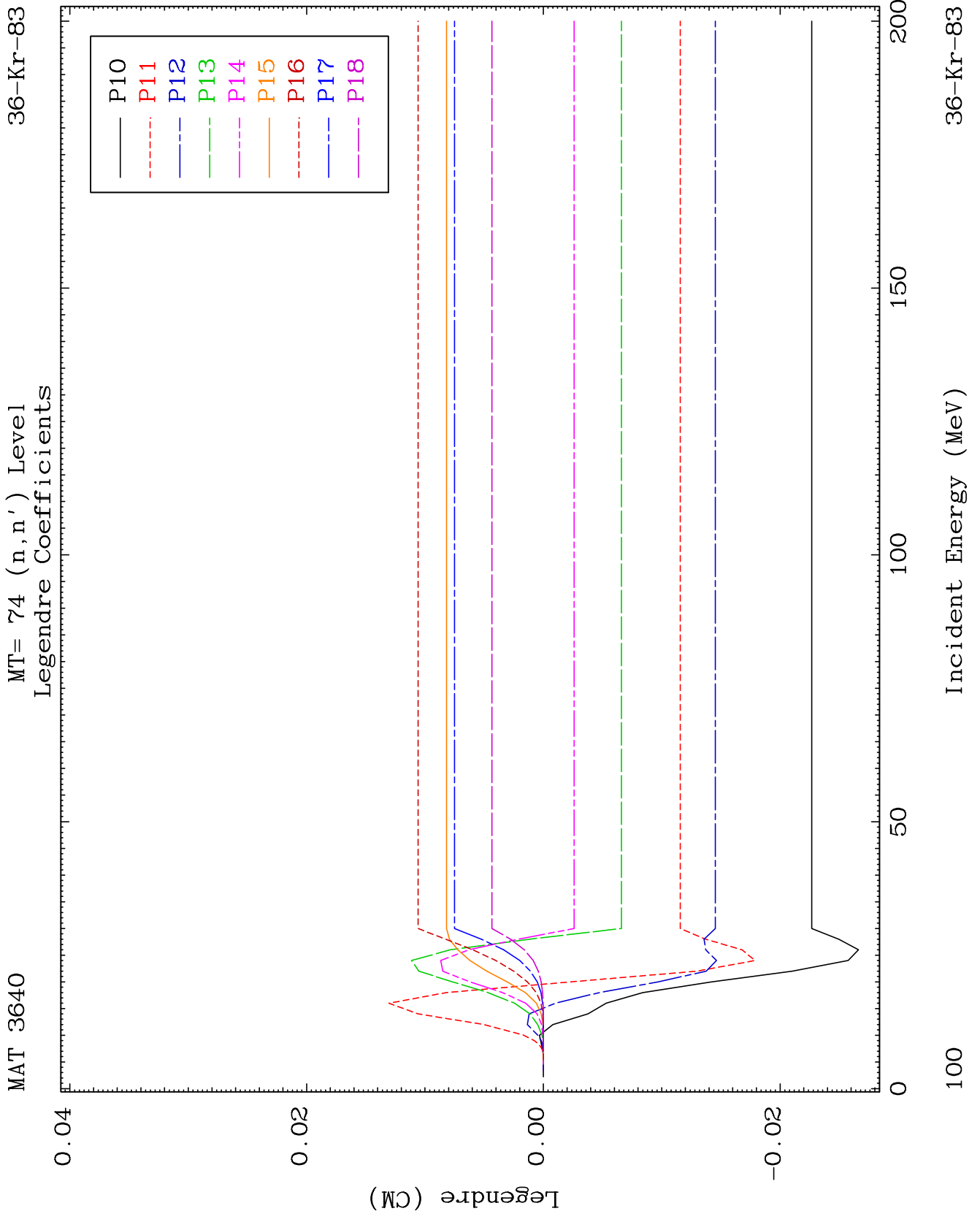
36-Kr-83



99

Incident Energy (MeV)

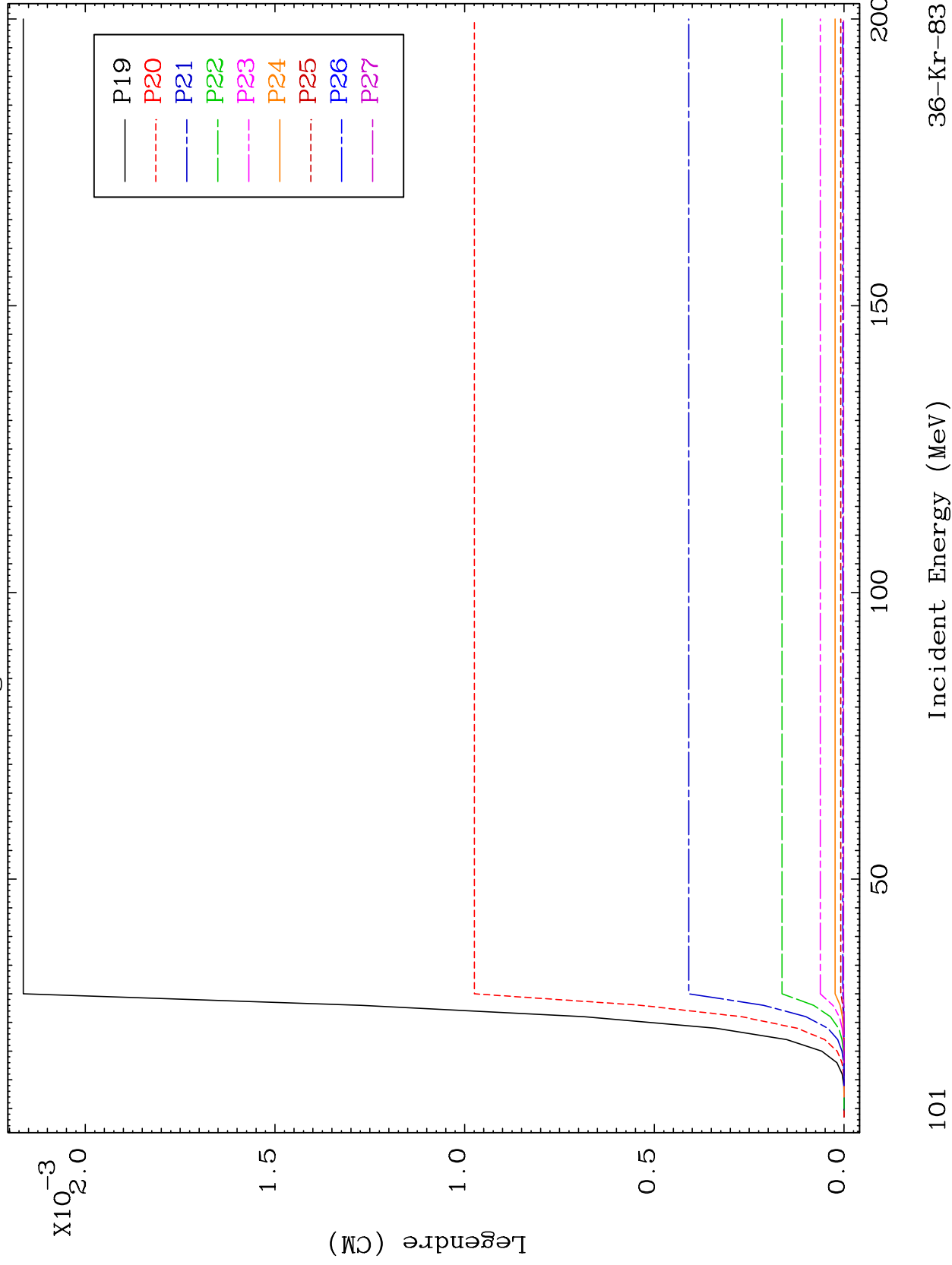
36-Kr-83



MAT 3640

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

36-Kr-83



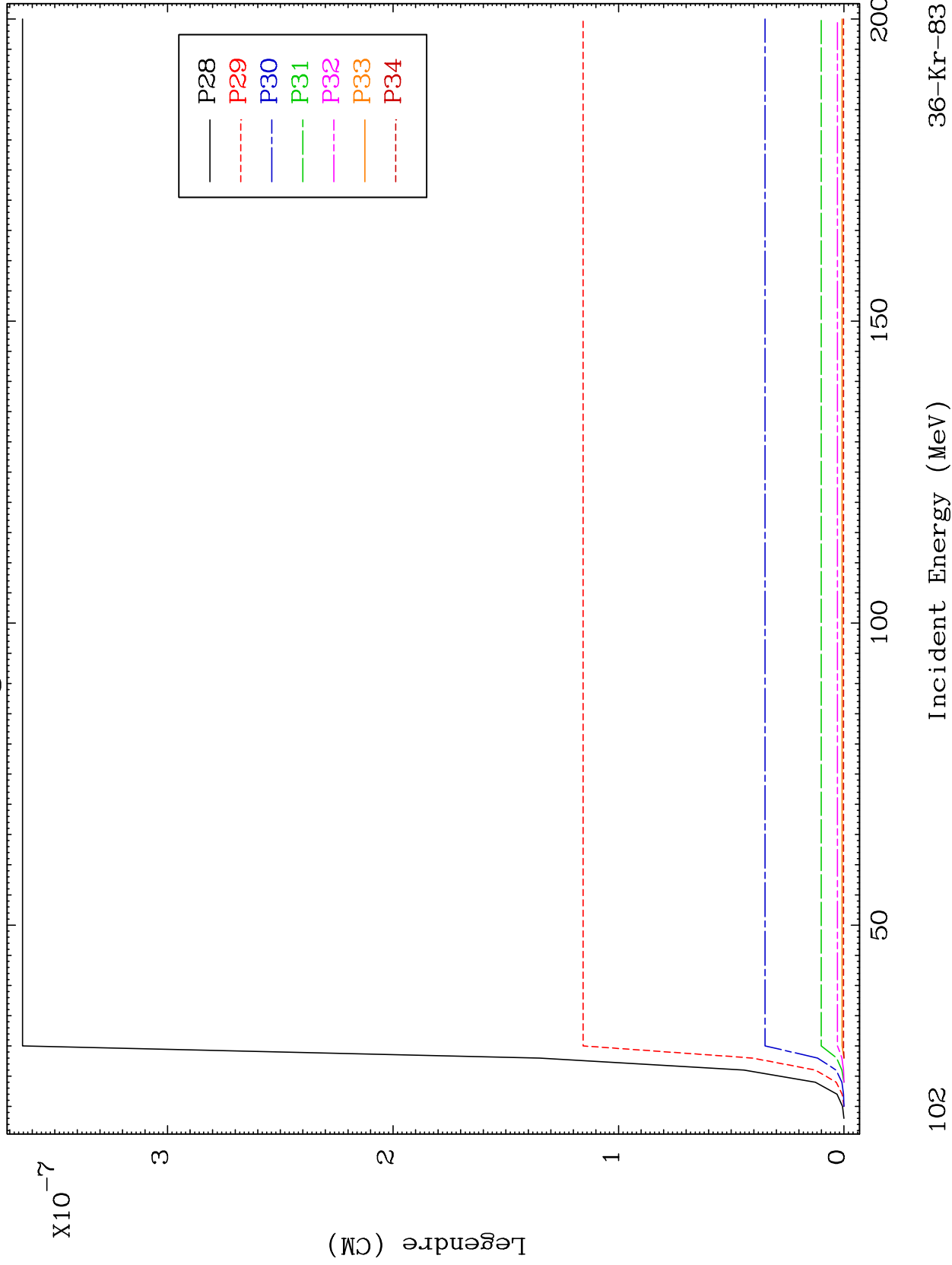
101

36-Kr-83

MAT 3640

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

36-Kr-83



102

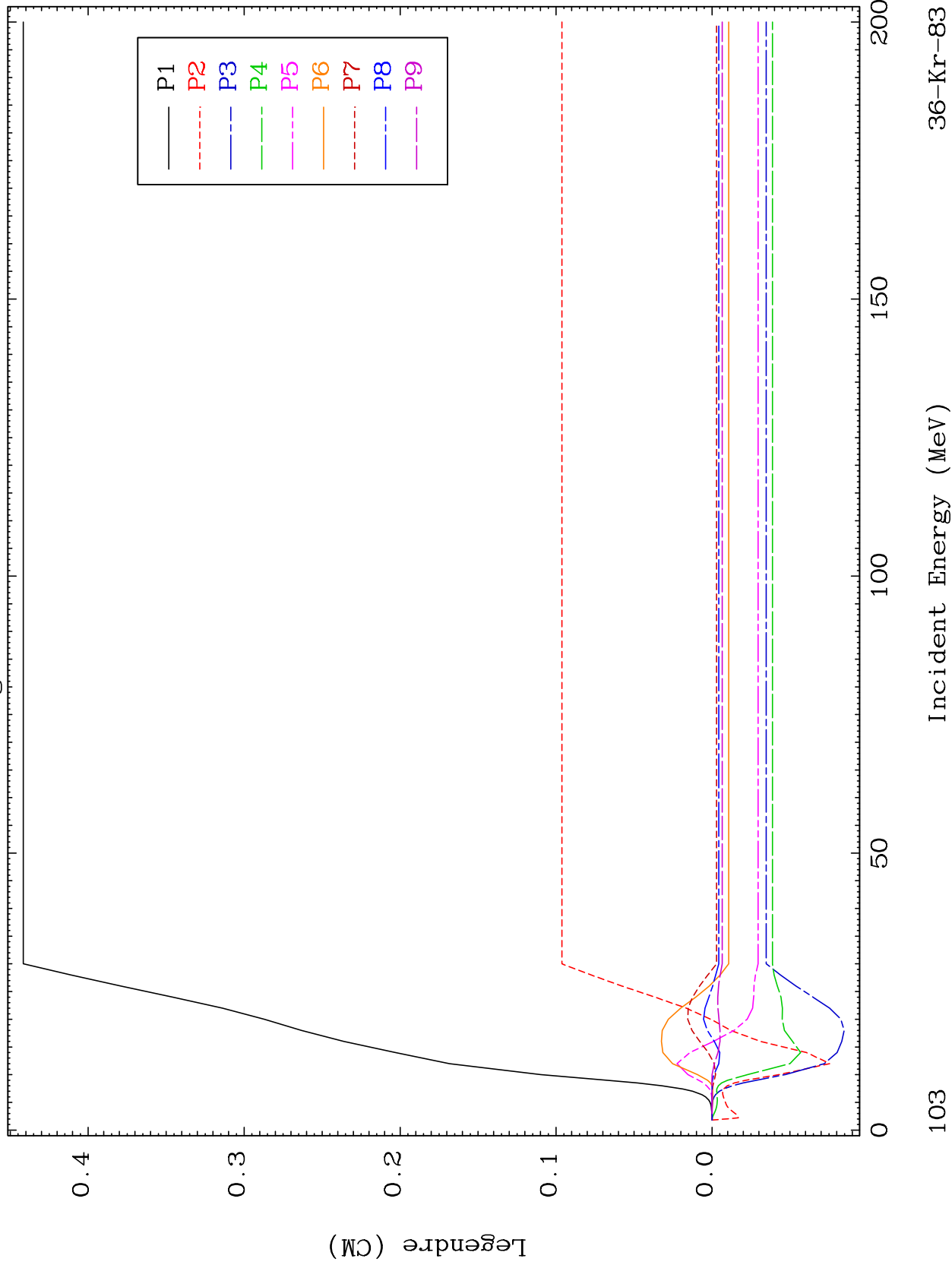
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



103

Incident Energy (MeV)

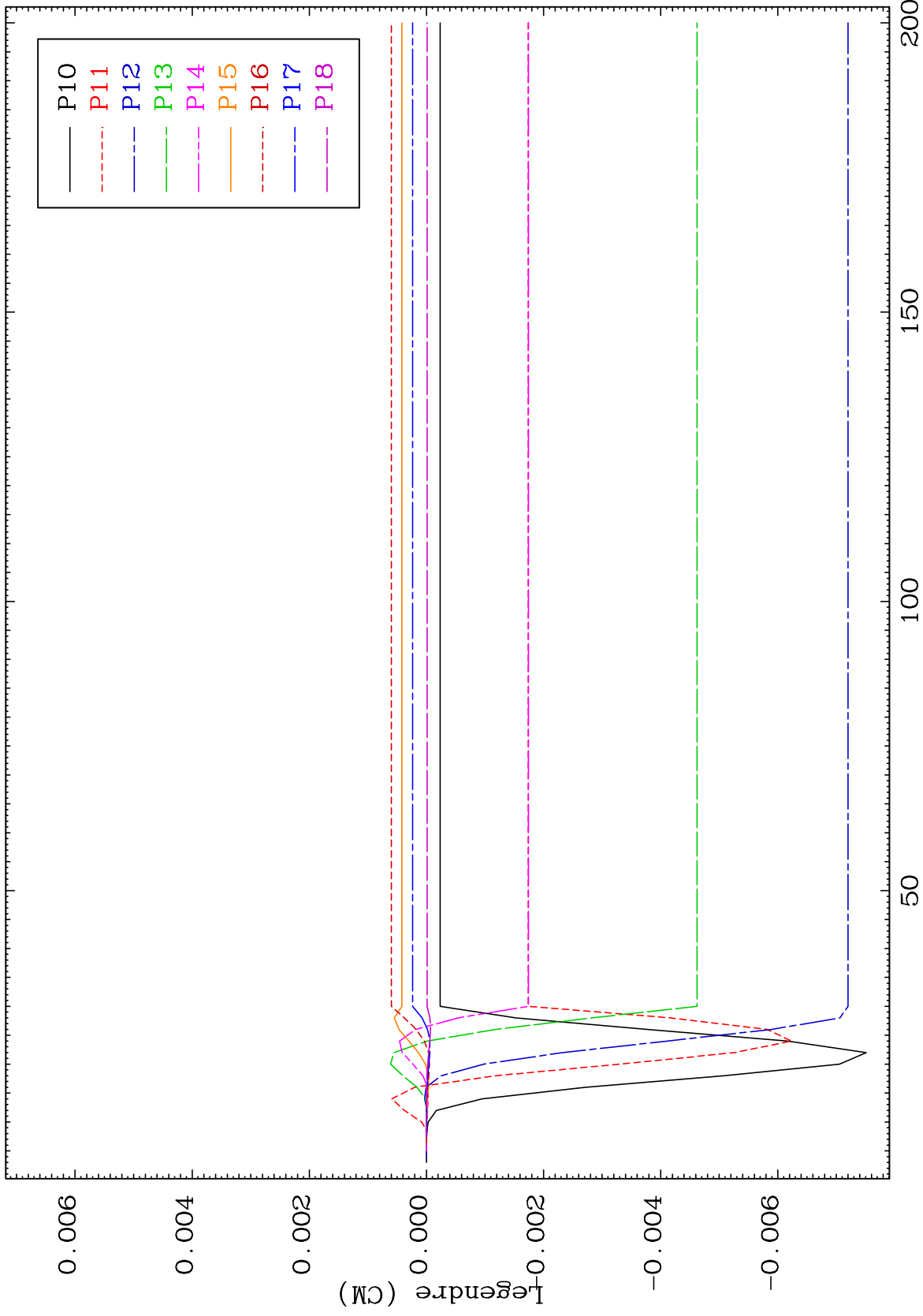
36-Kr-83



MAT 3640

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

36-Kr-83



104

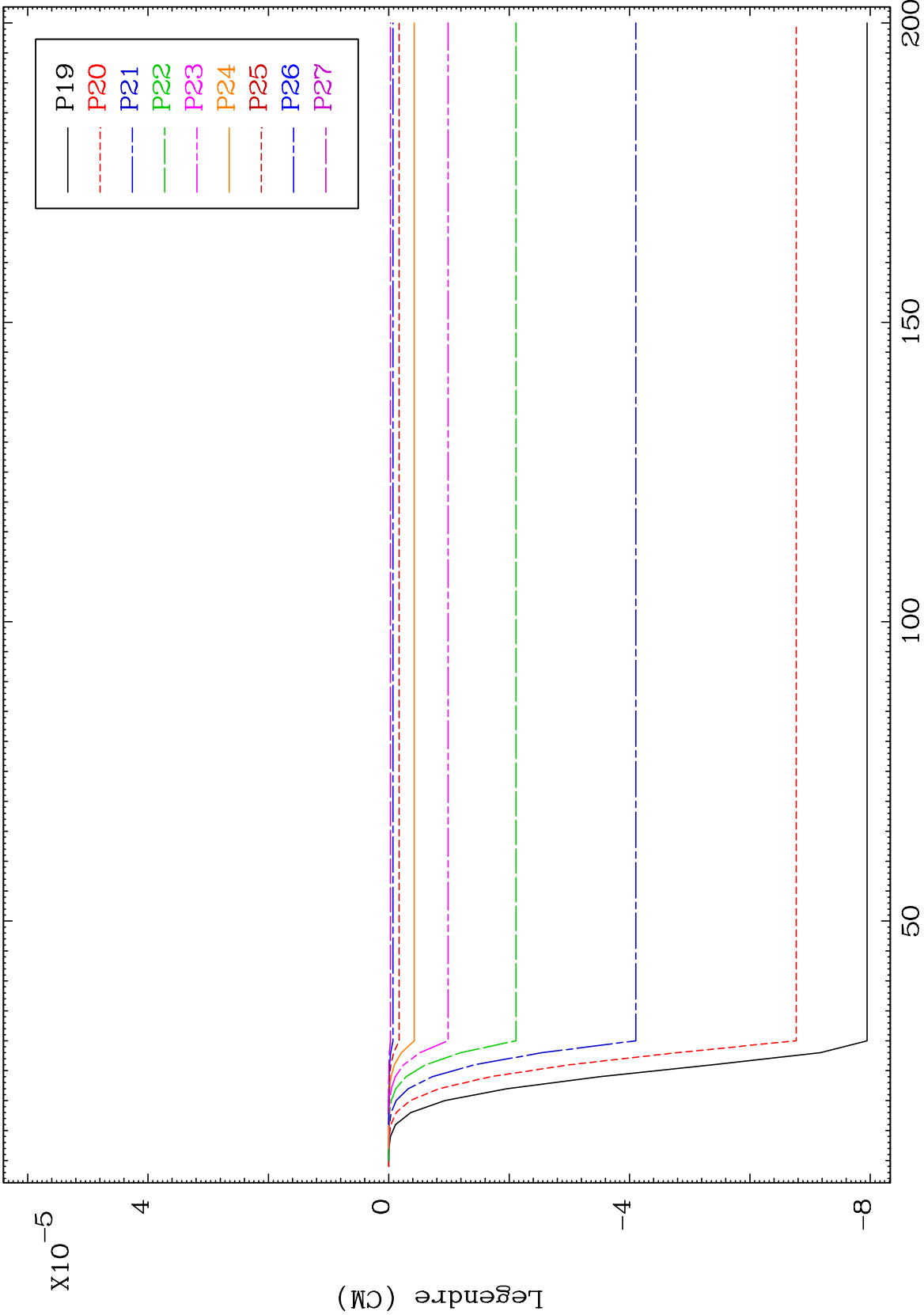
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

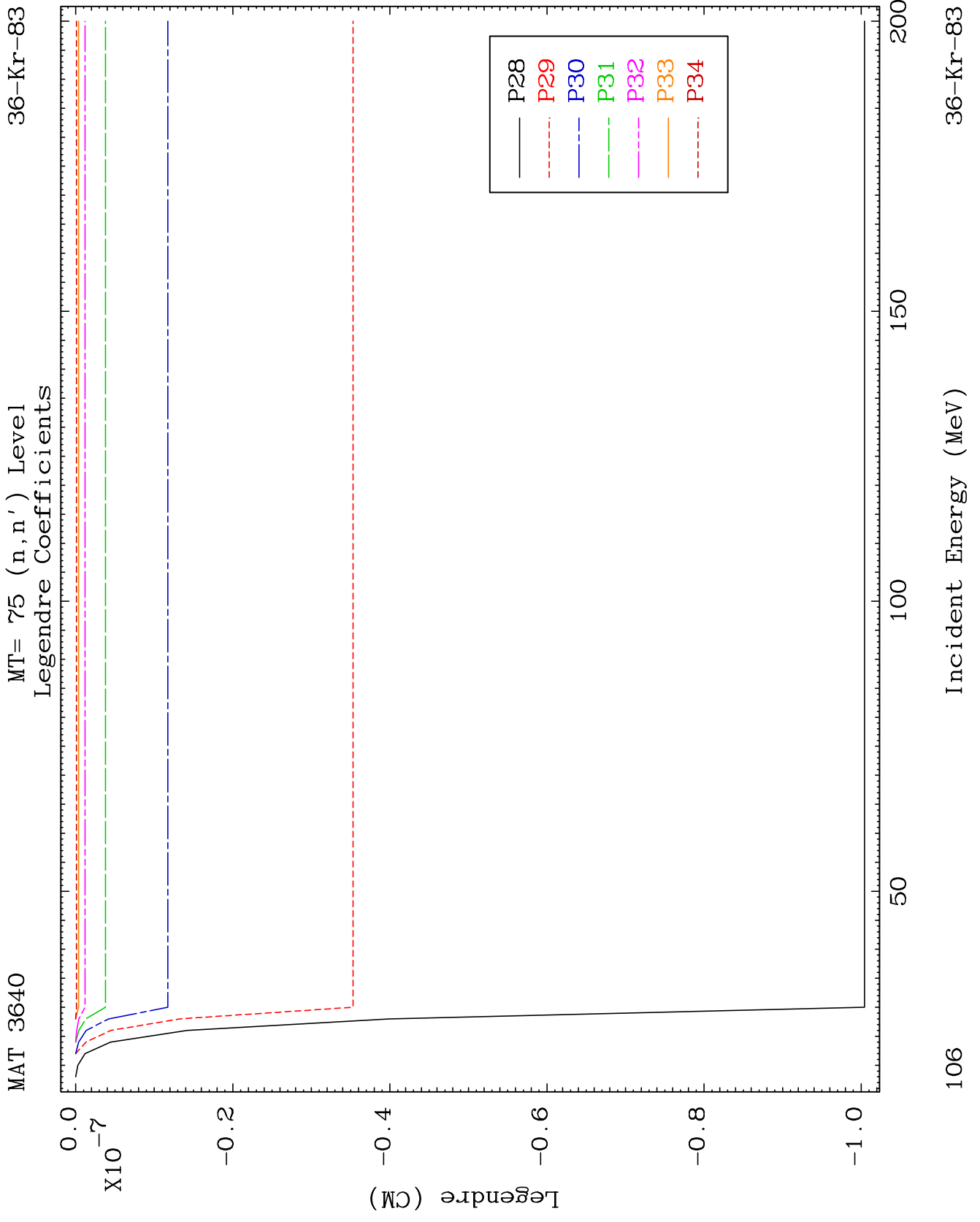
36-Kr-83



105

Incident Energy (MeV)

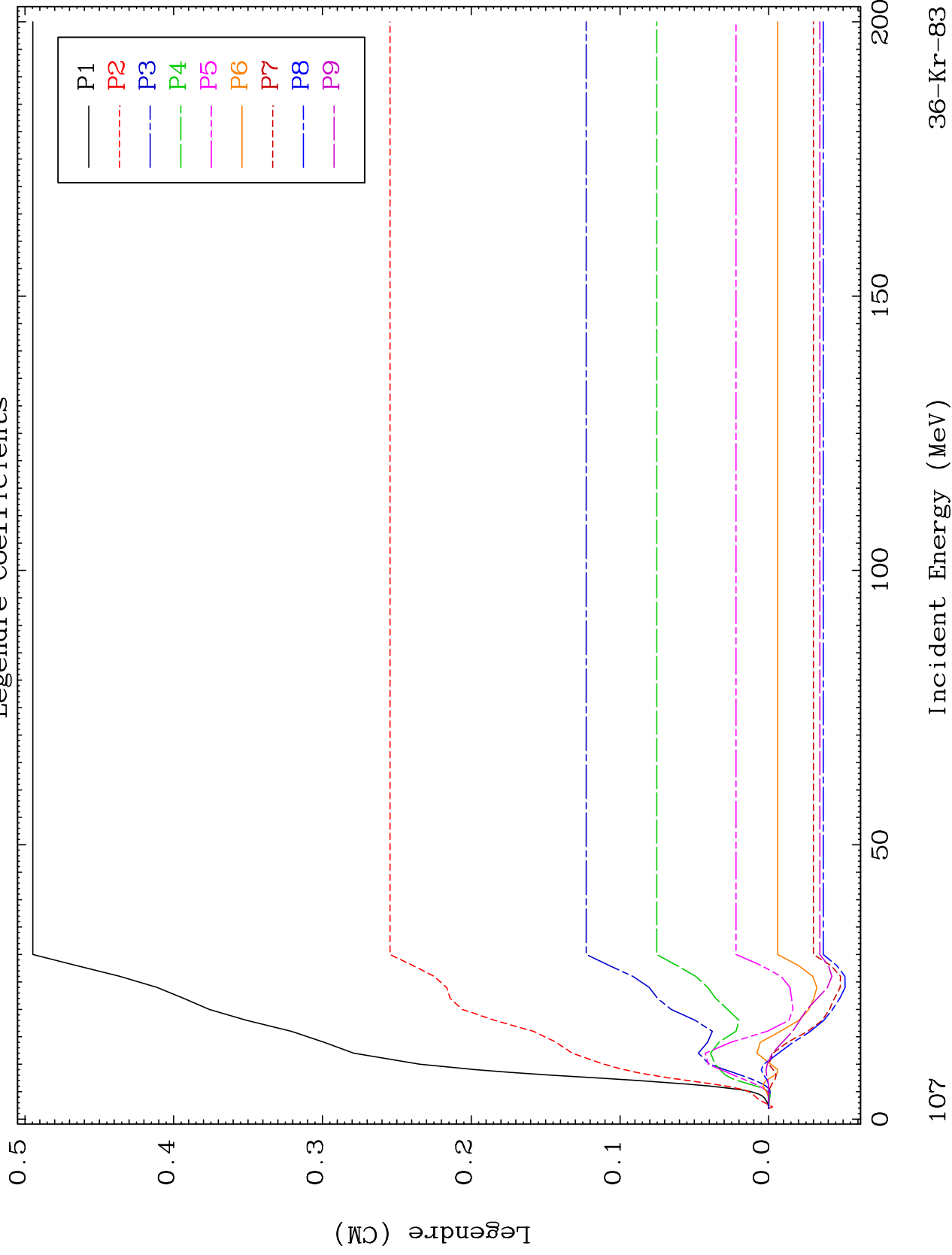
36-Kr-83



MAT 3640

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

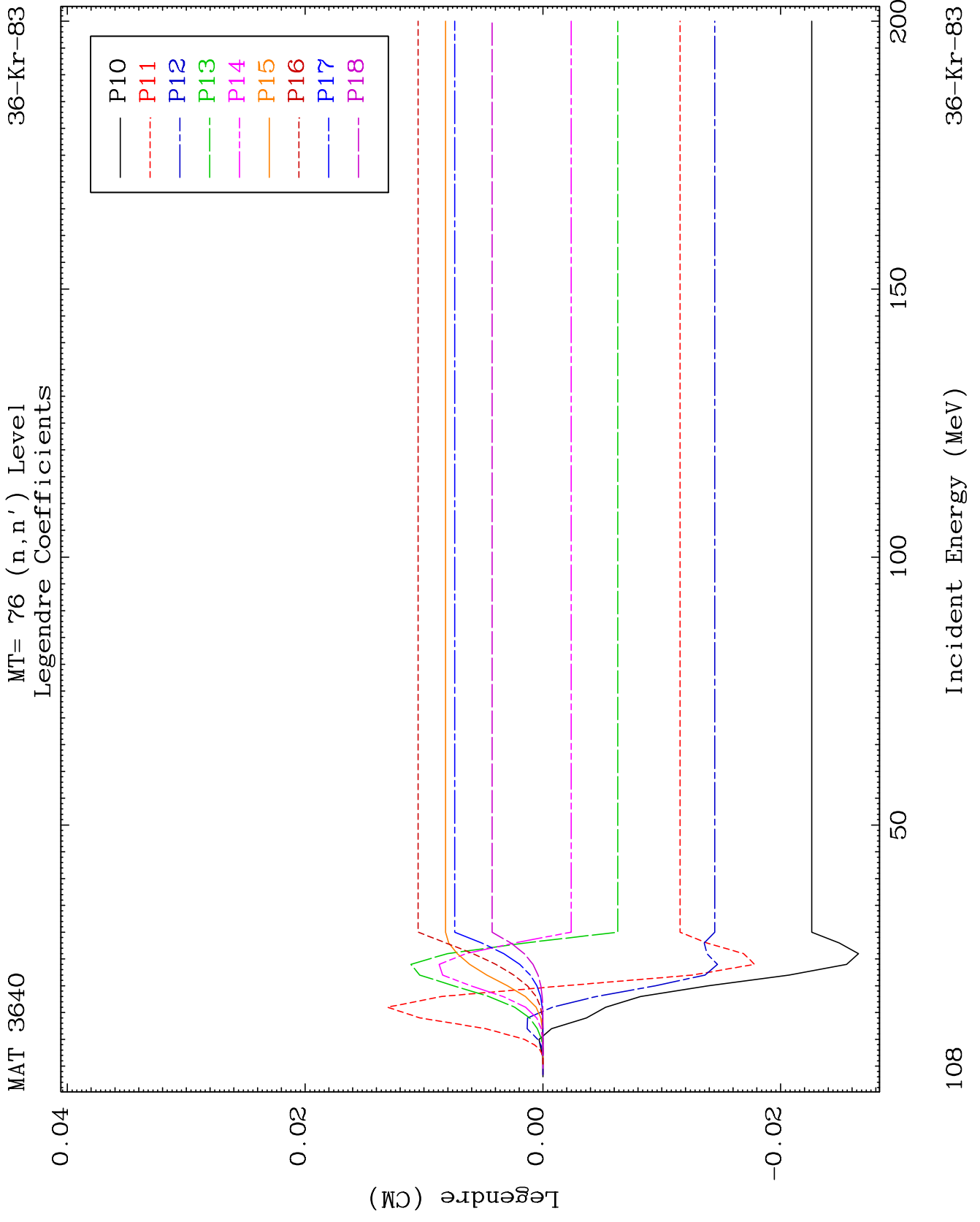
36-Kr-83



107

Incident Energy (MeV)

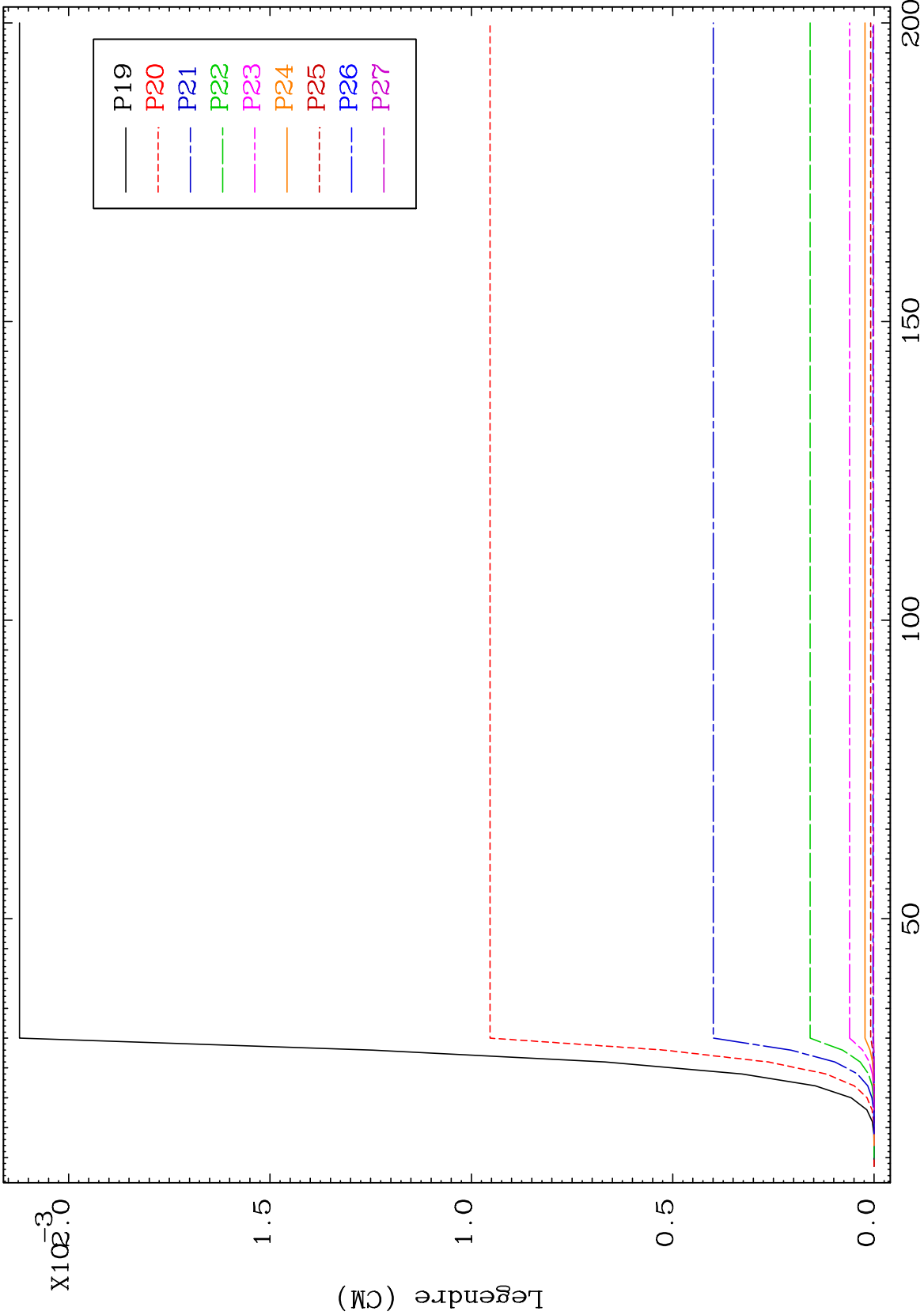
36-Kr-83



MAT 3640

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

36-Kr-83



109

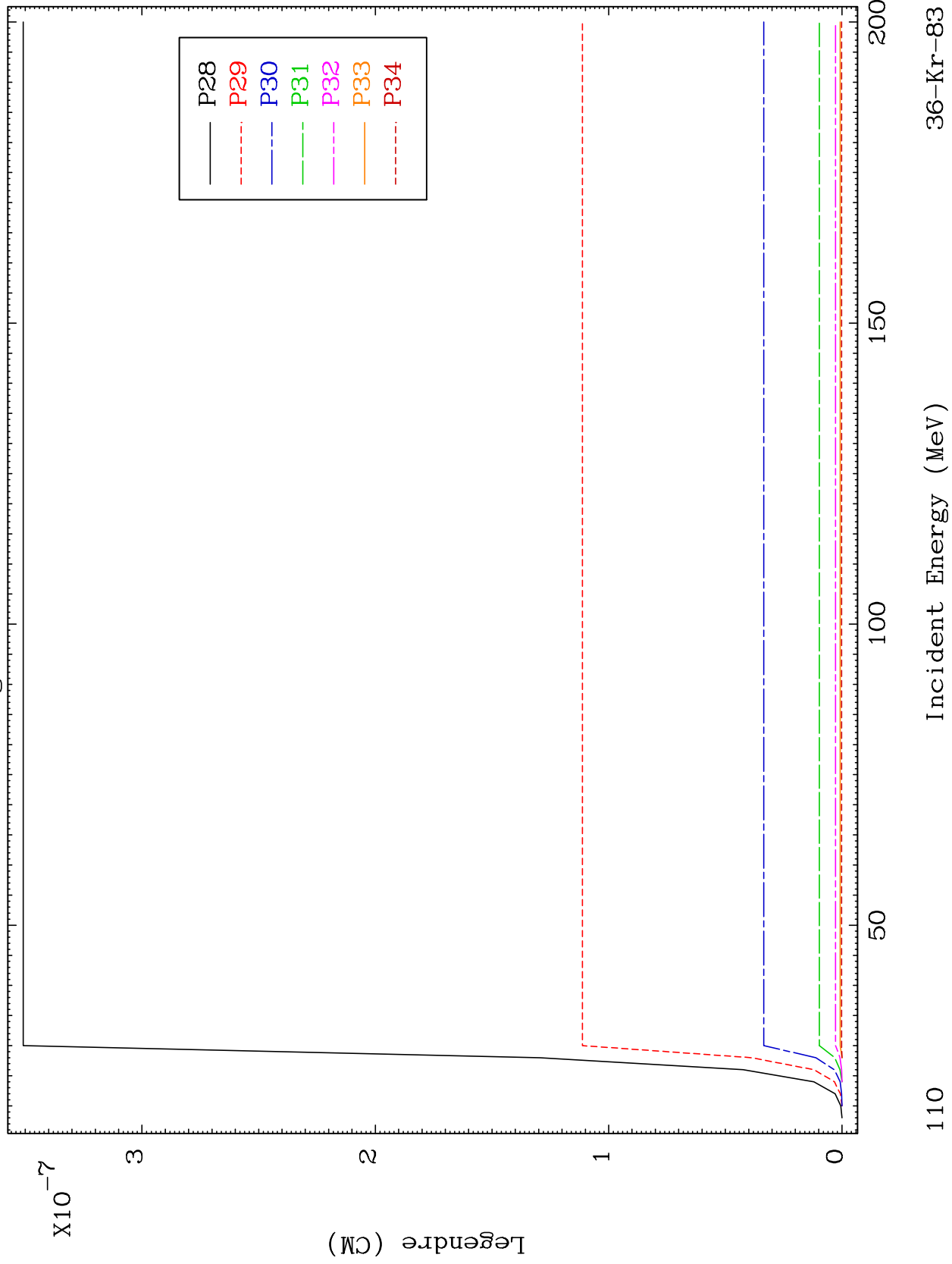
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

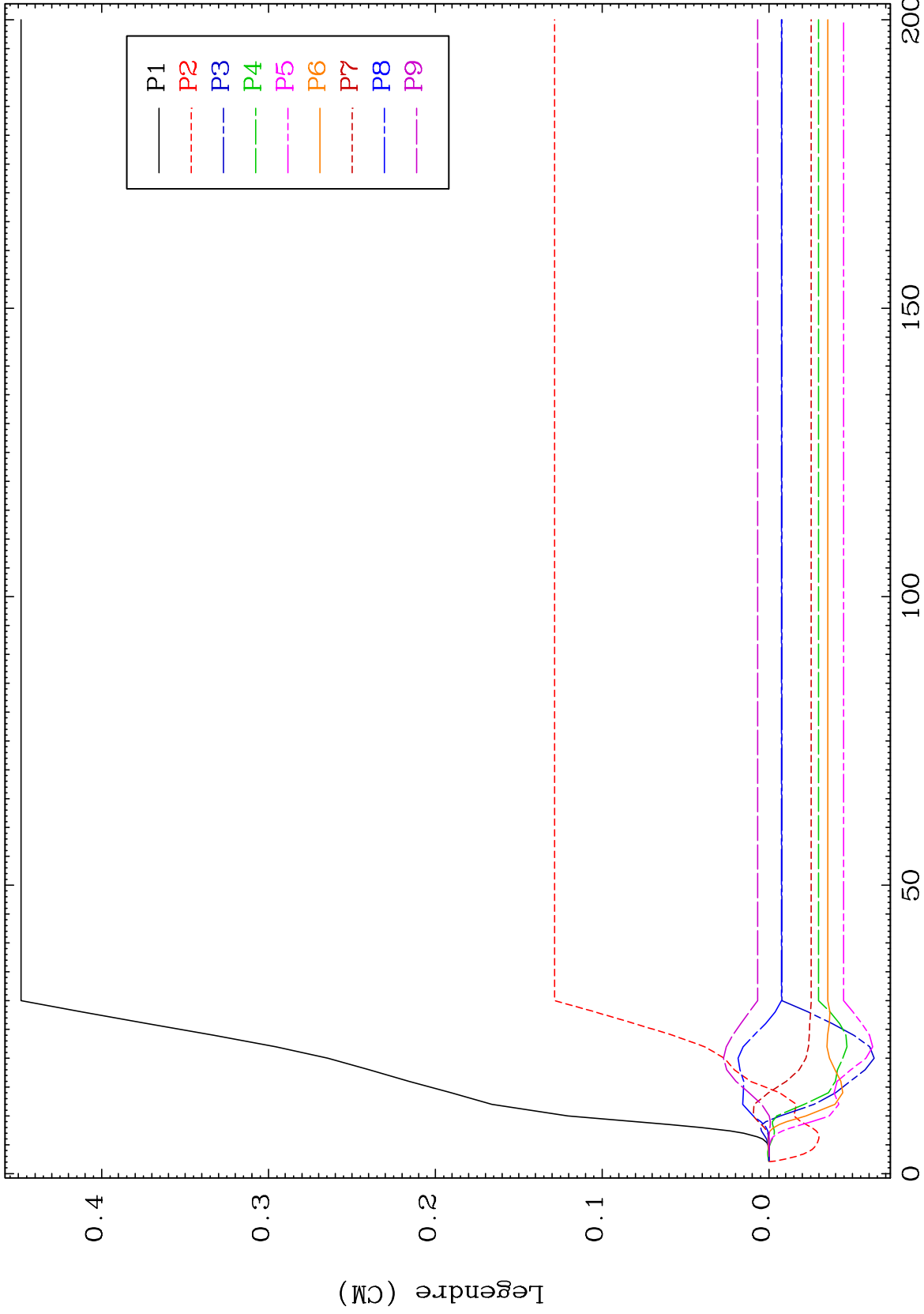
36-Kr-83



MAT 3640

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

36-Kr-83



111

Incident Energy (MeV)

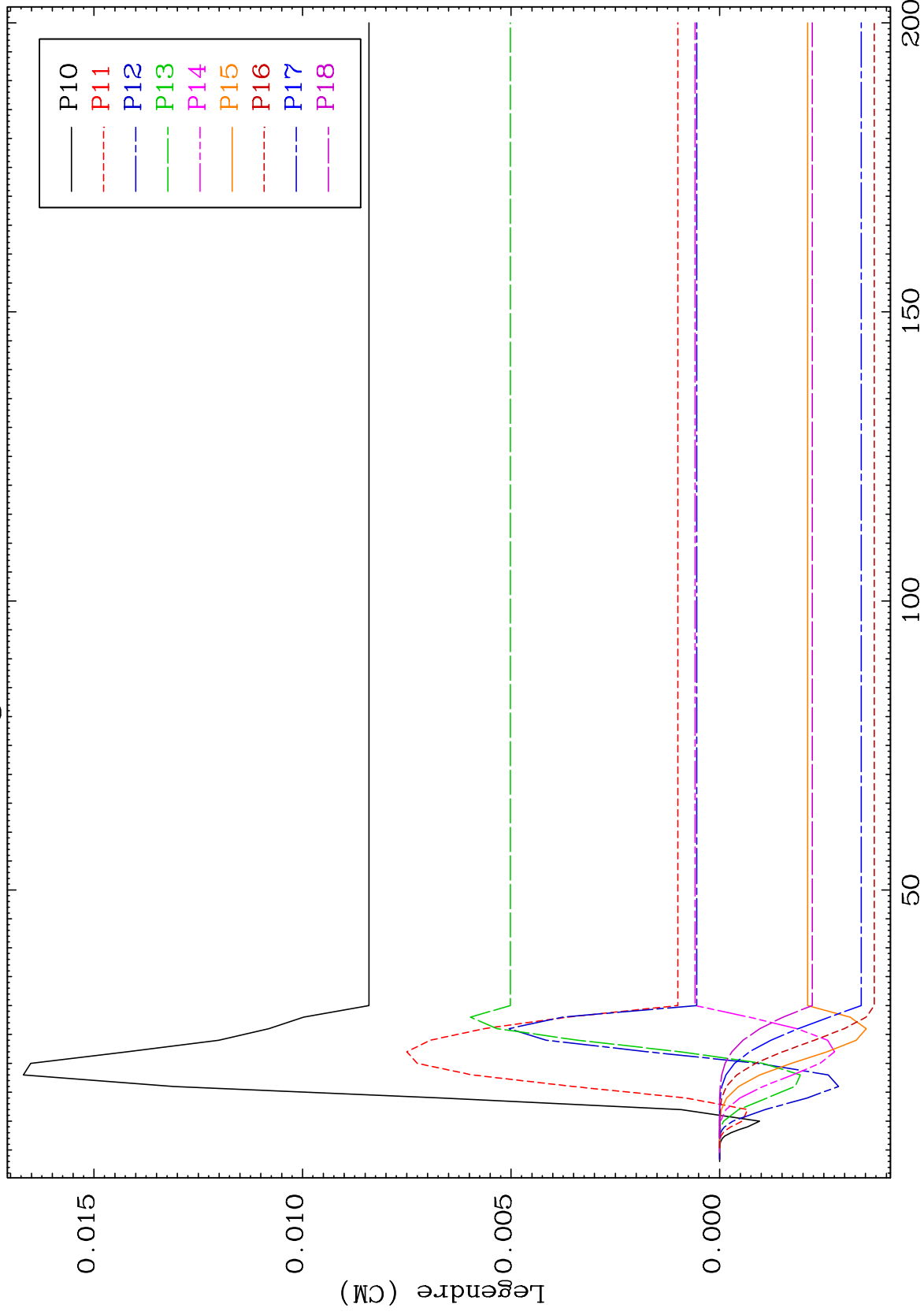
36-Kr-83



MAT 3640

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

36-Kr-83



112

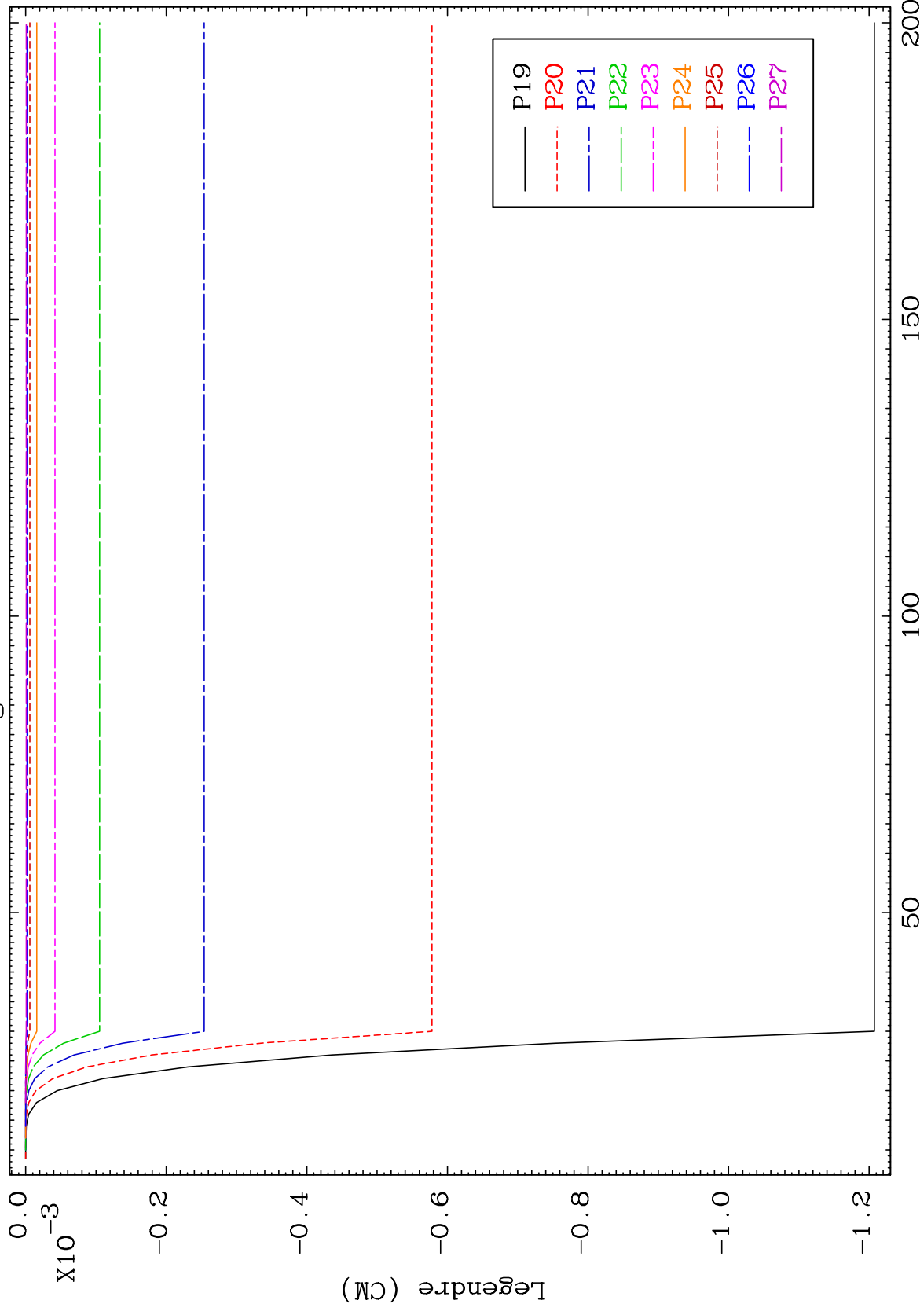
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

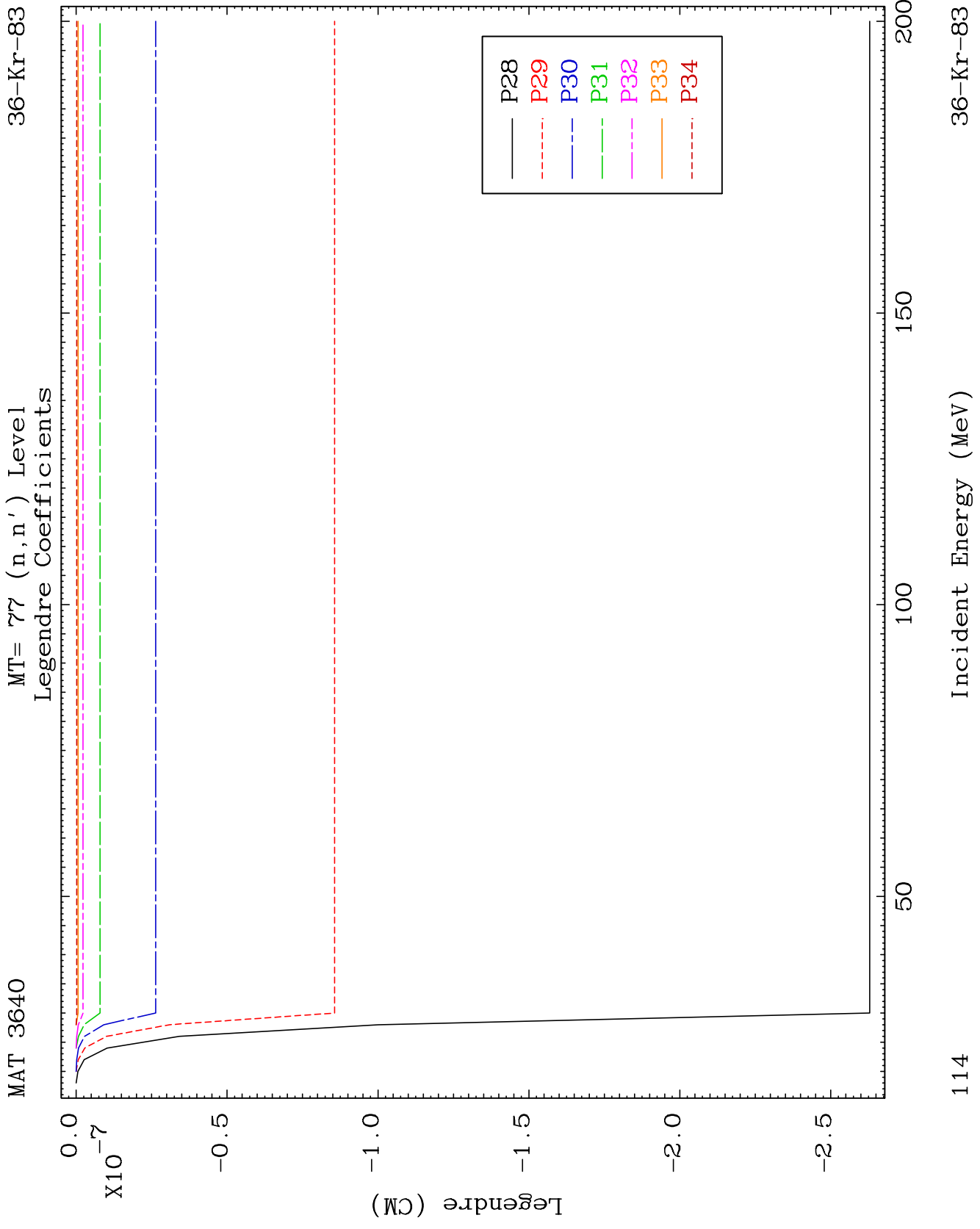
36-Kr-83

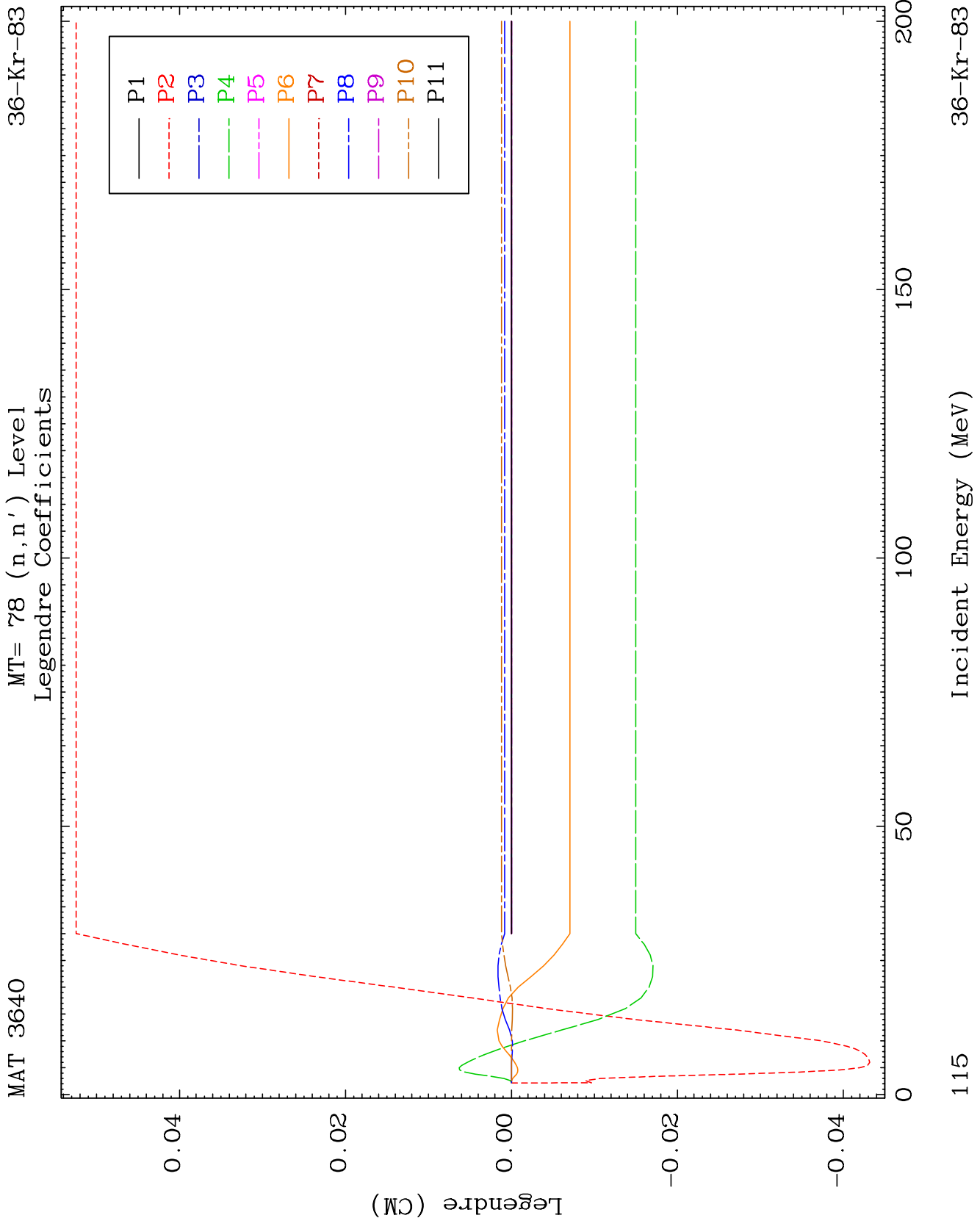


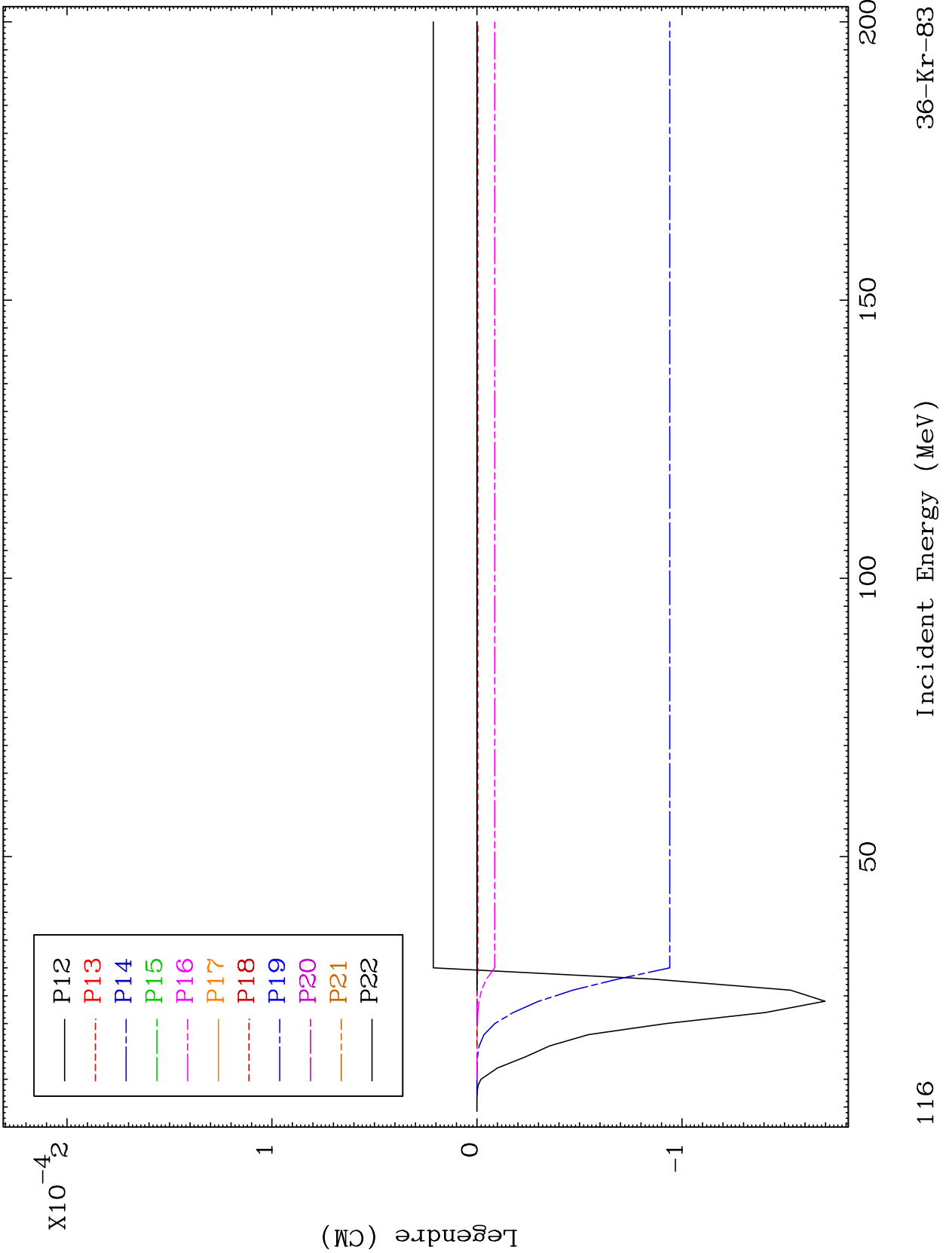
113

Incident Energy (MeV)

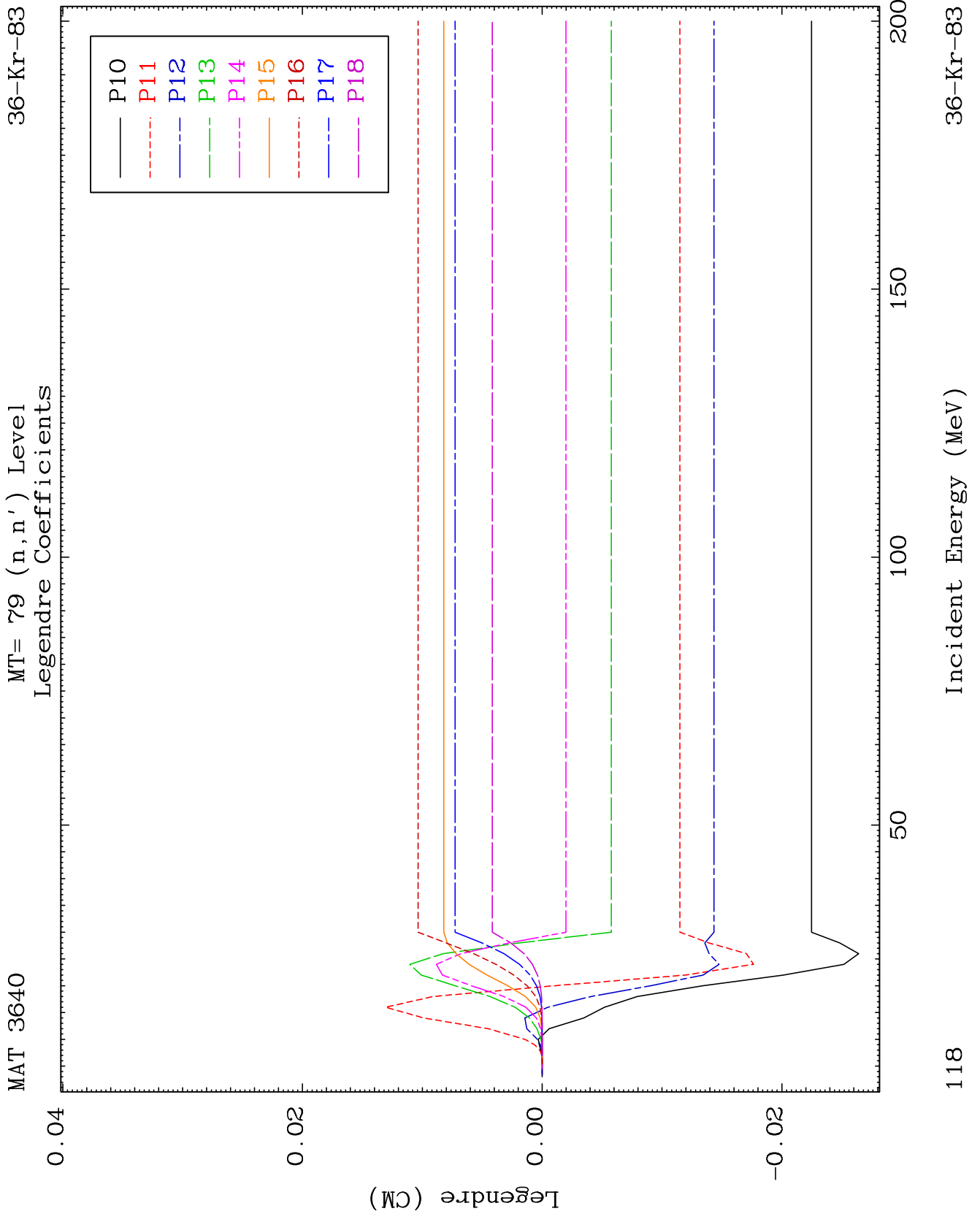
36-Kr-83







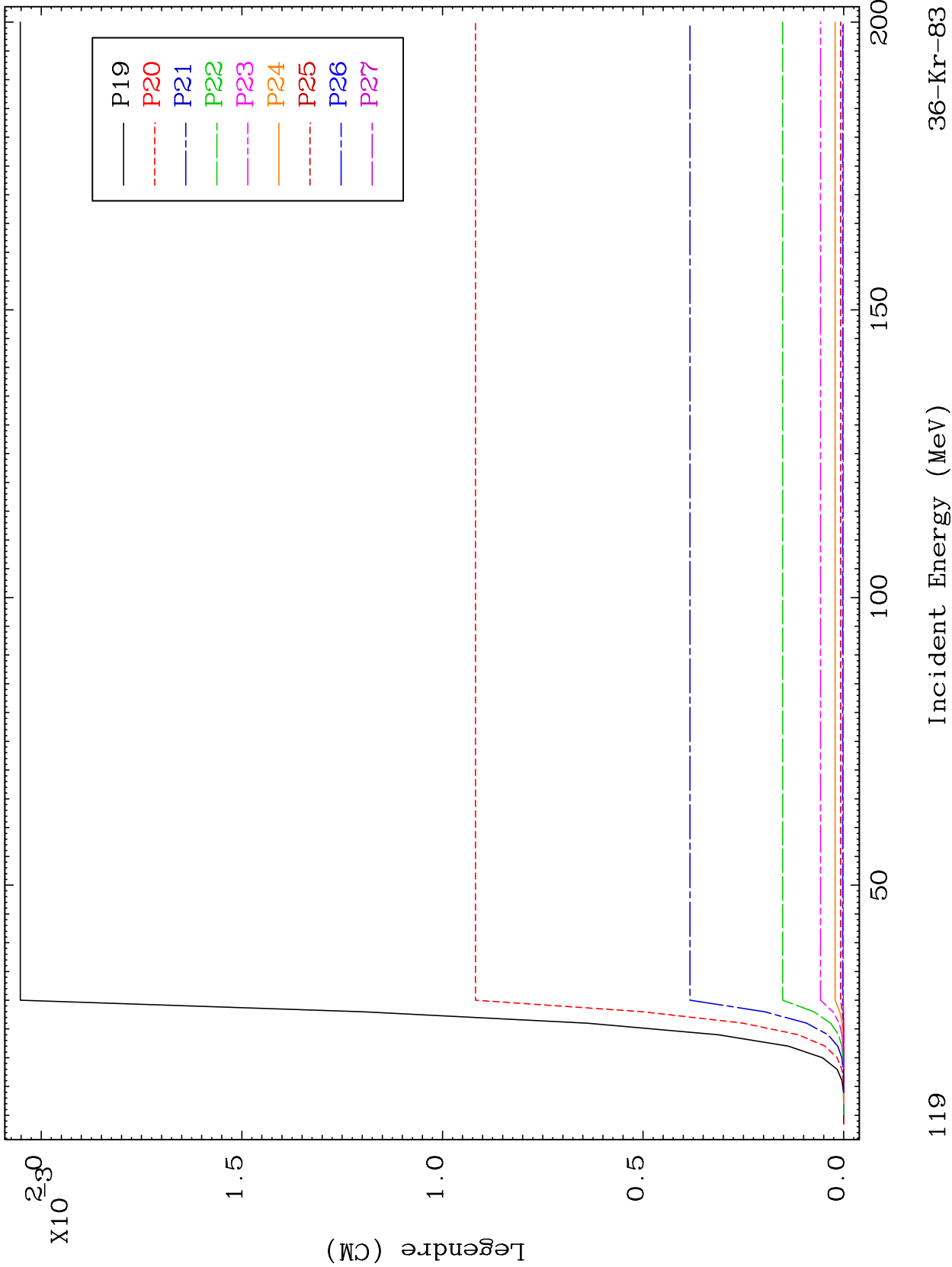




MAT 3640

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

36-Kr-83



119

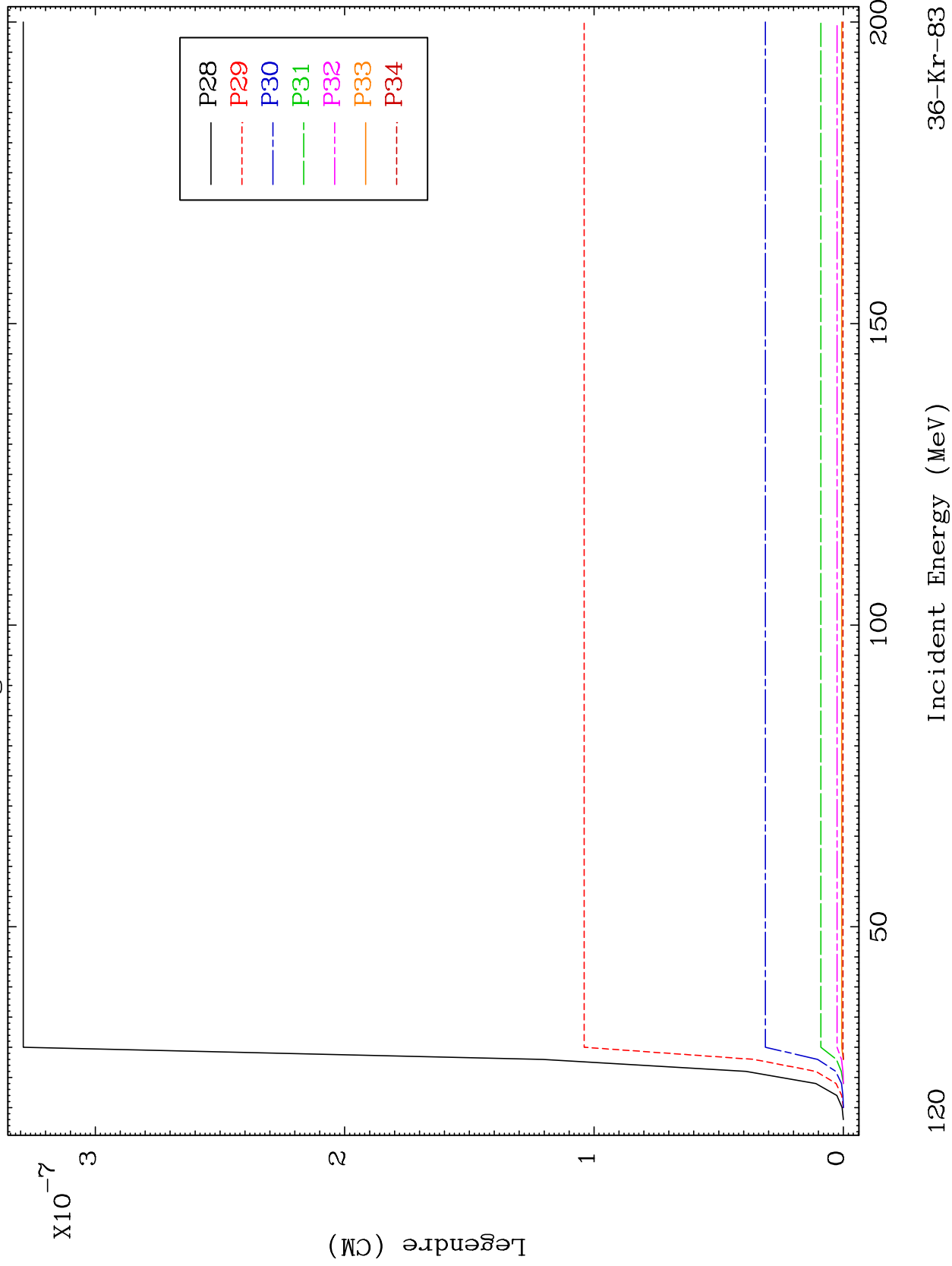
36-Kr-83

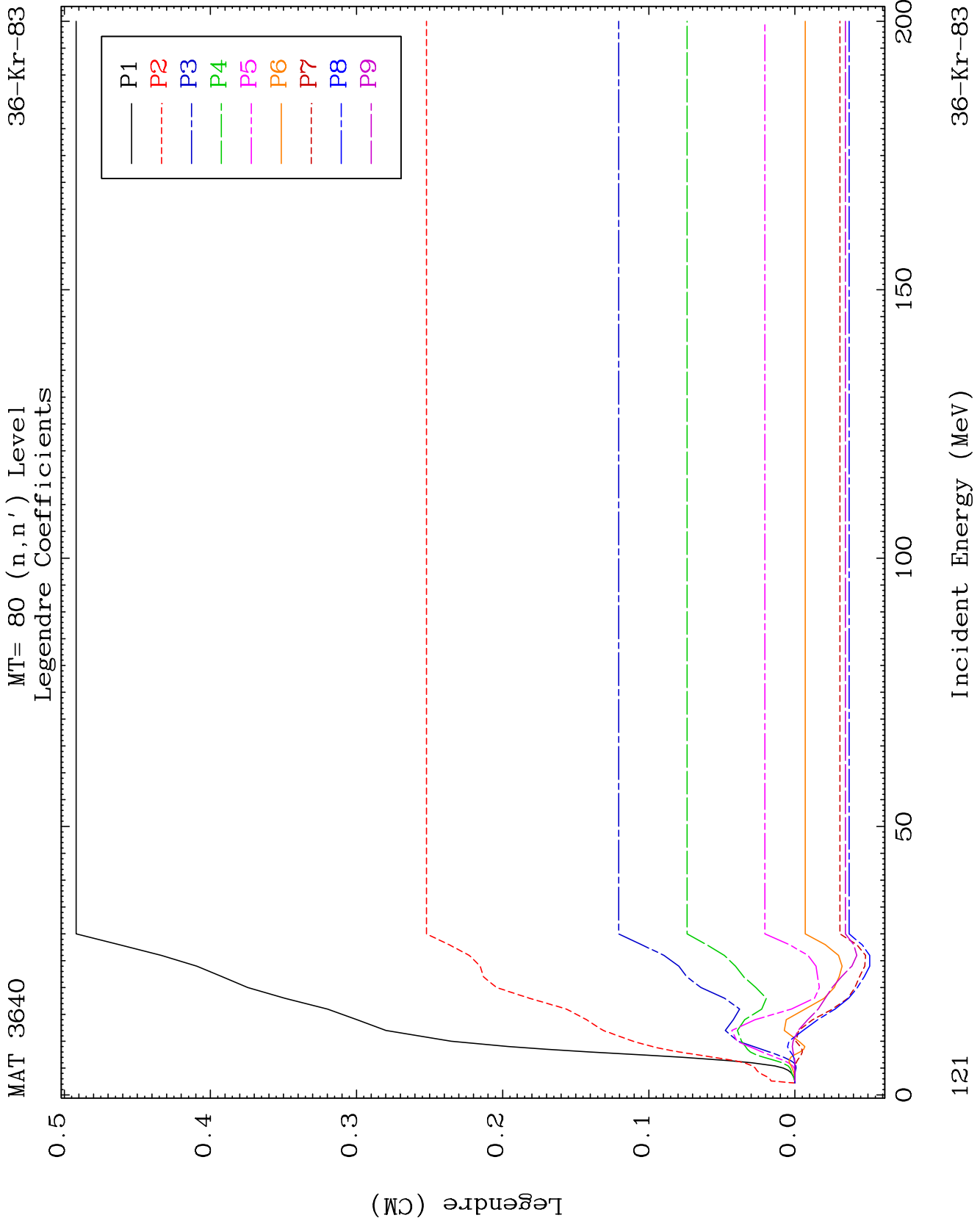


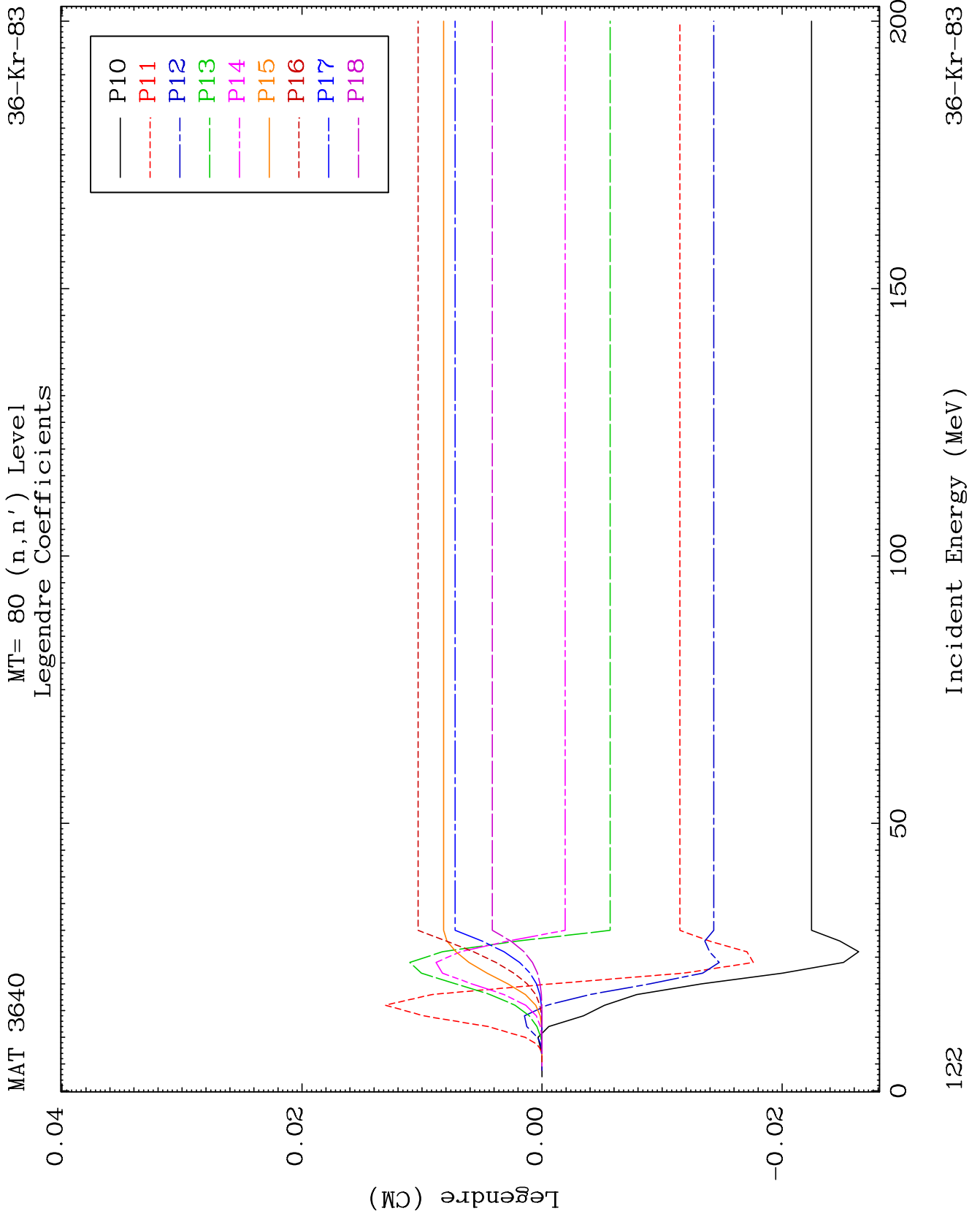
MAT 3640

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

36-Kr-83



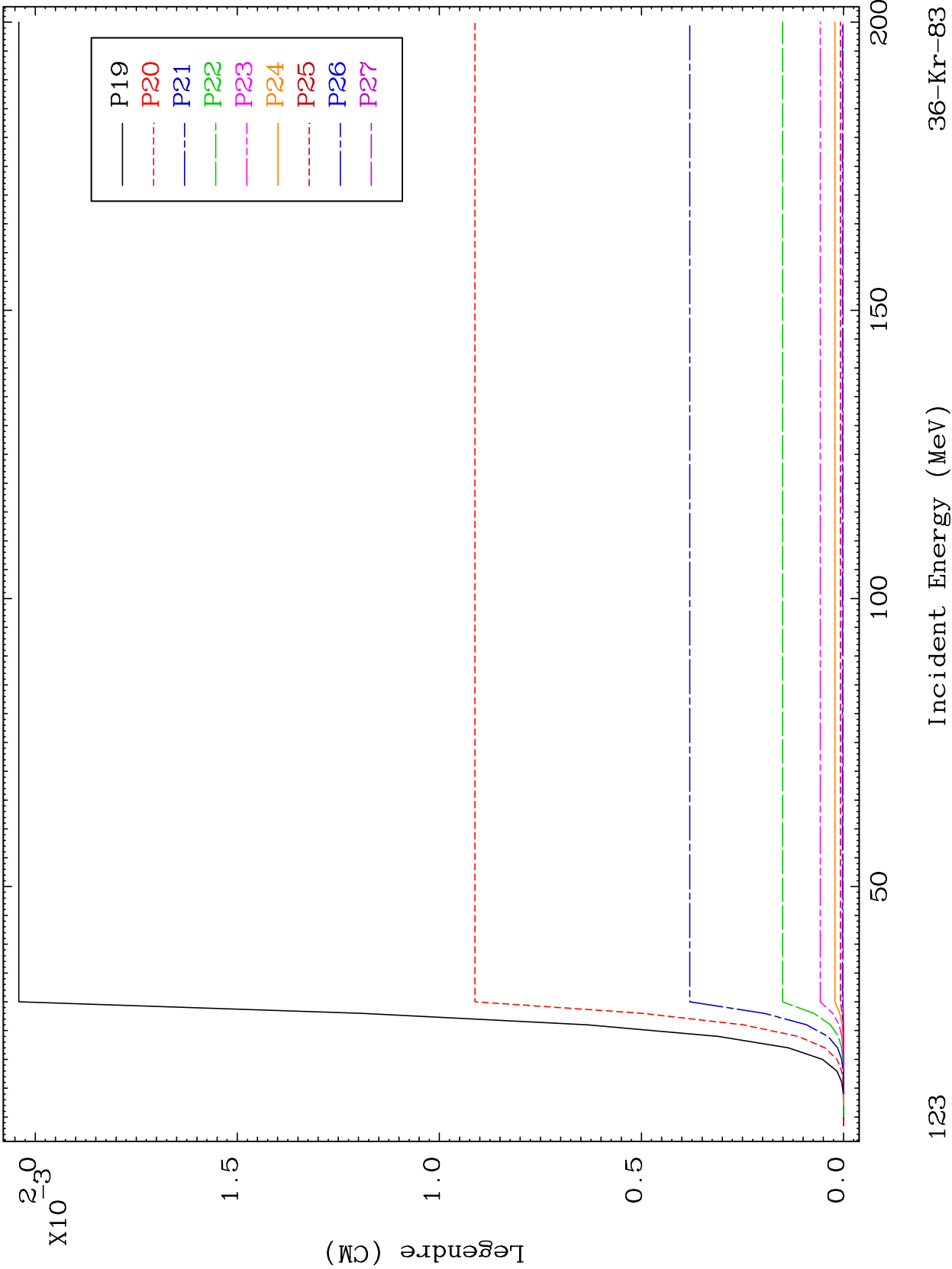




MAT 3640

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

36-Kr-83



123

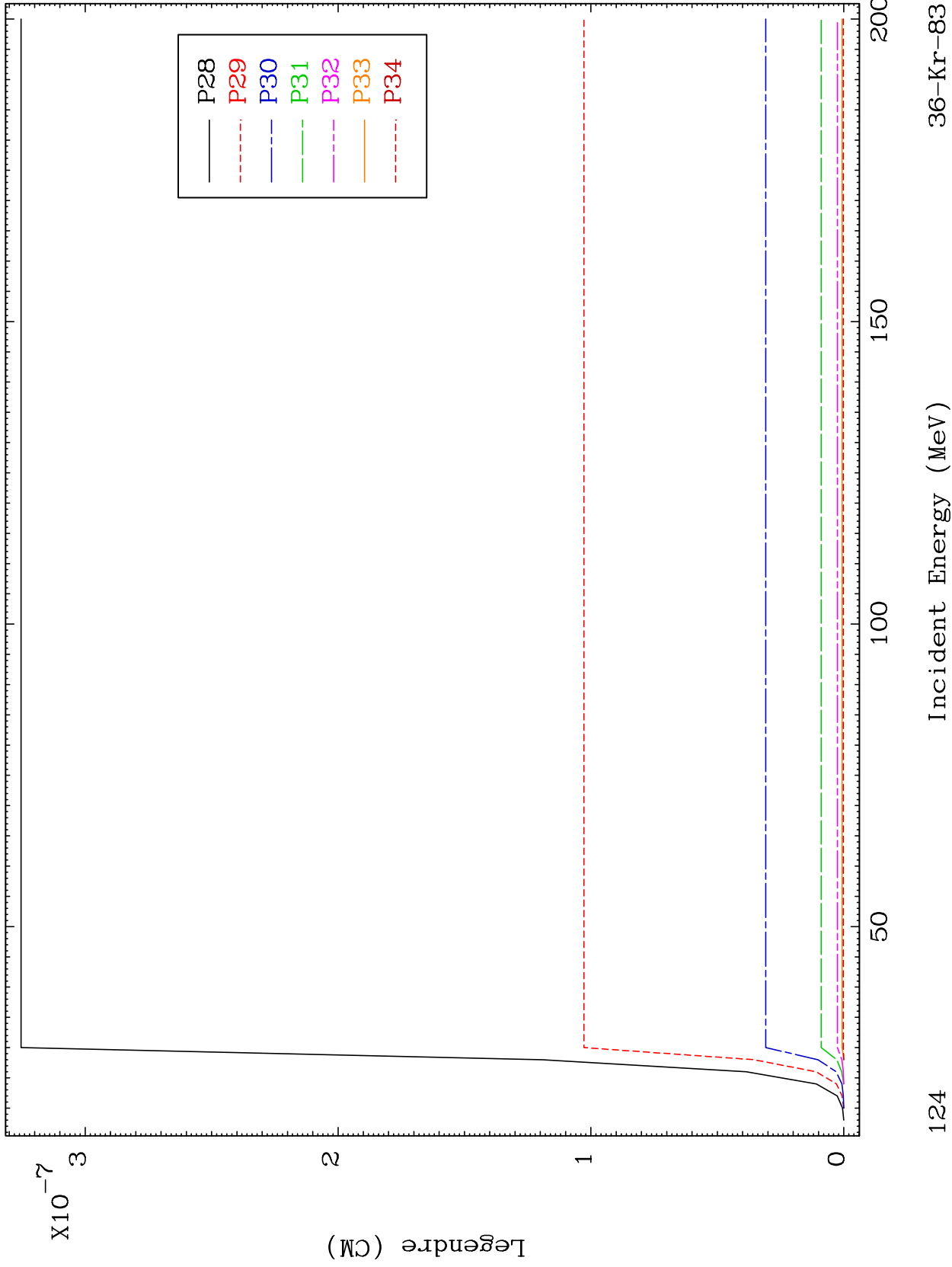
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

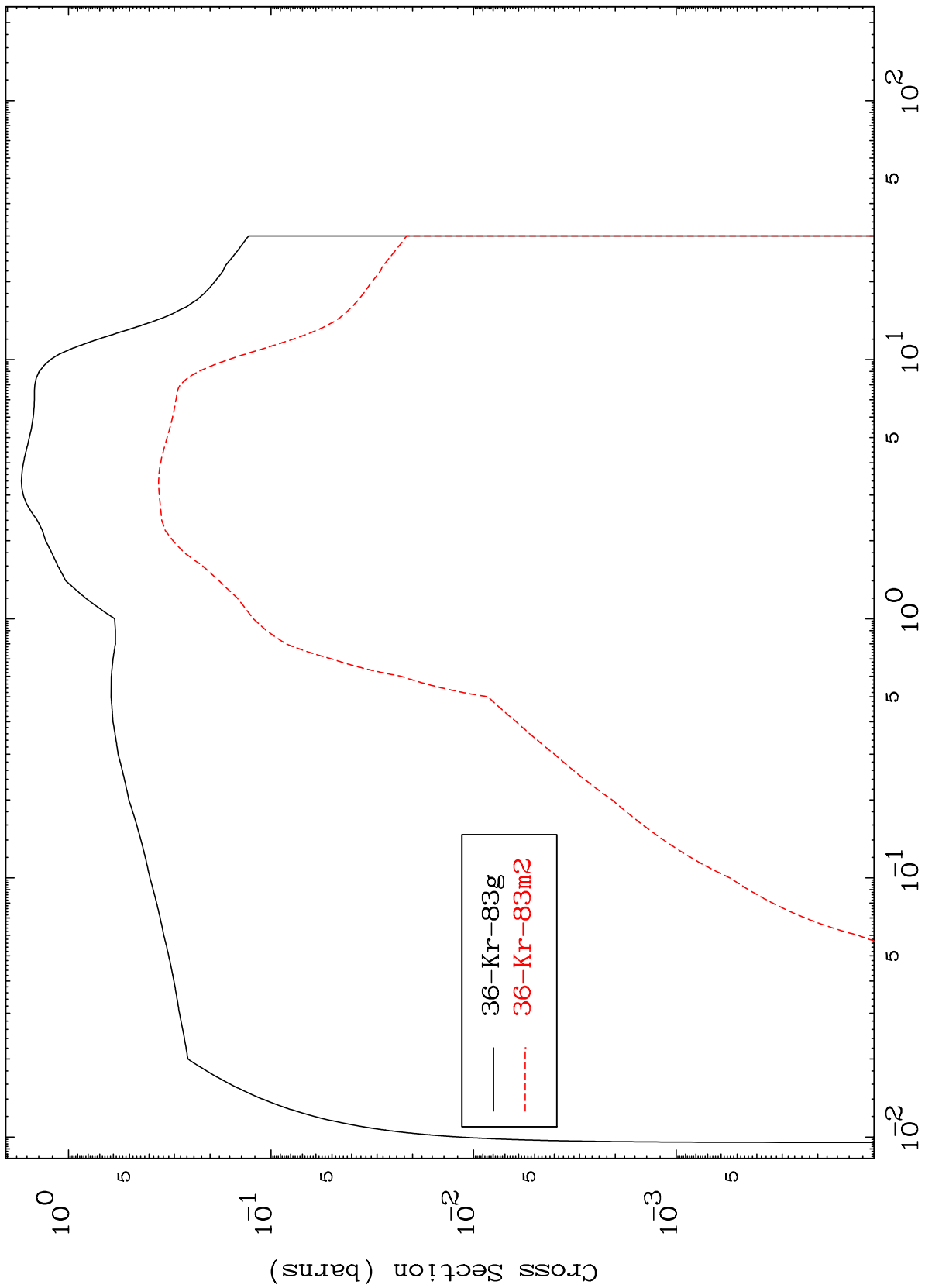
36-Kr-83



MAT 3640

36-Kr-83

Inelastic  
Radionuclide Production Cross Section

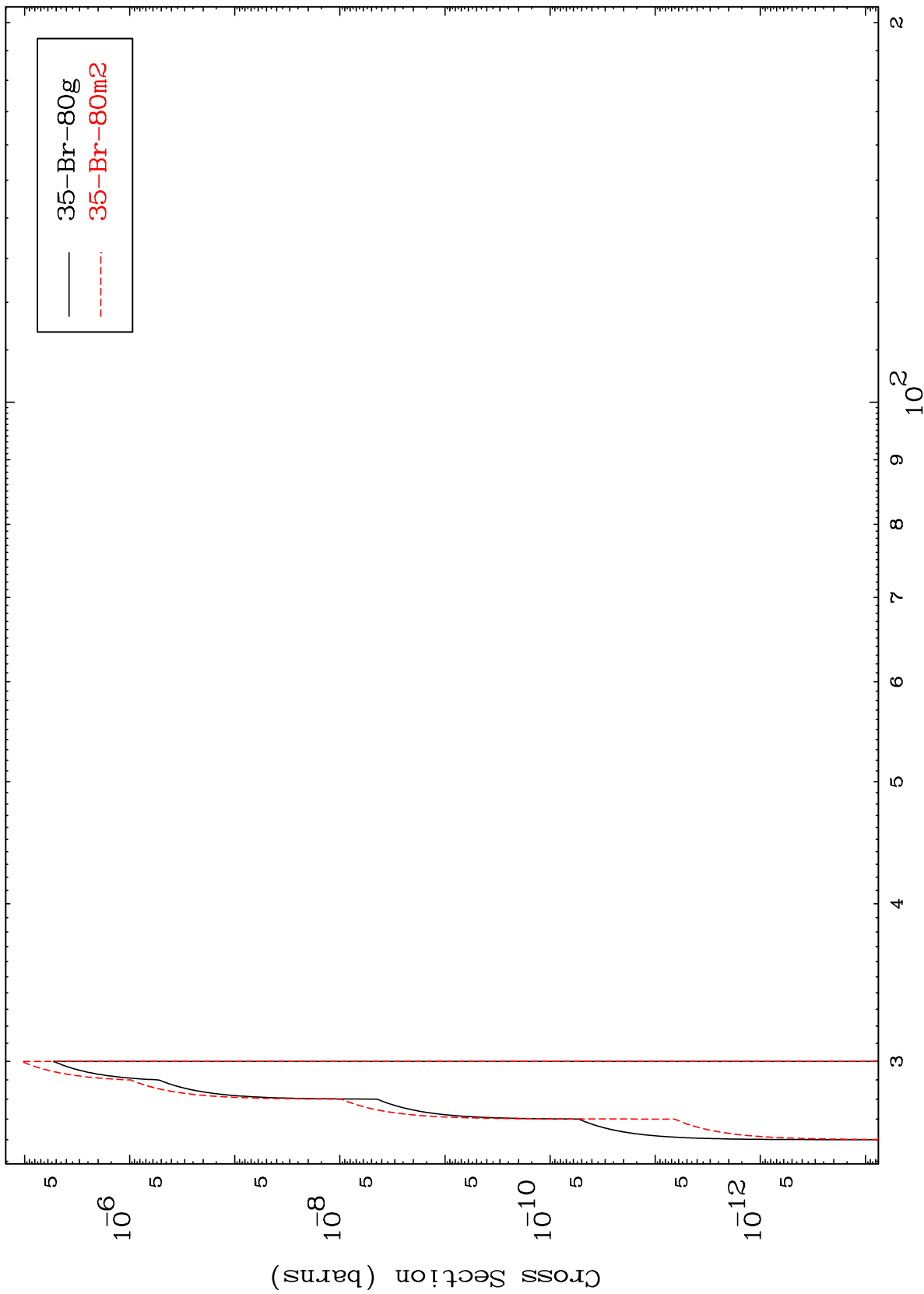


36-Kr-83

Incident Energy (MeV)

125

Radionuclide Production Cross Section

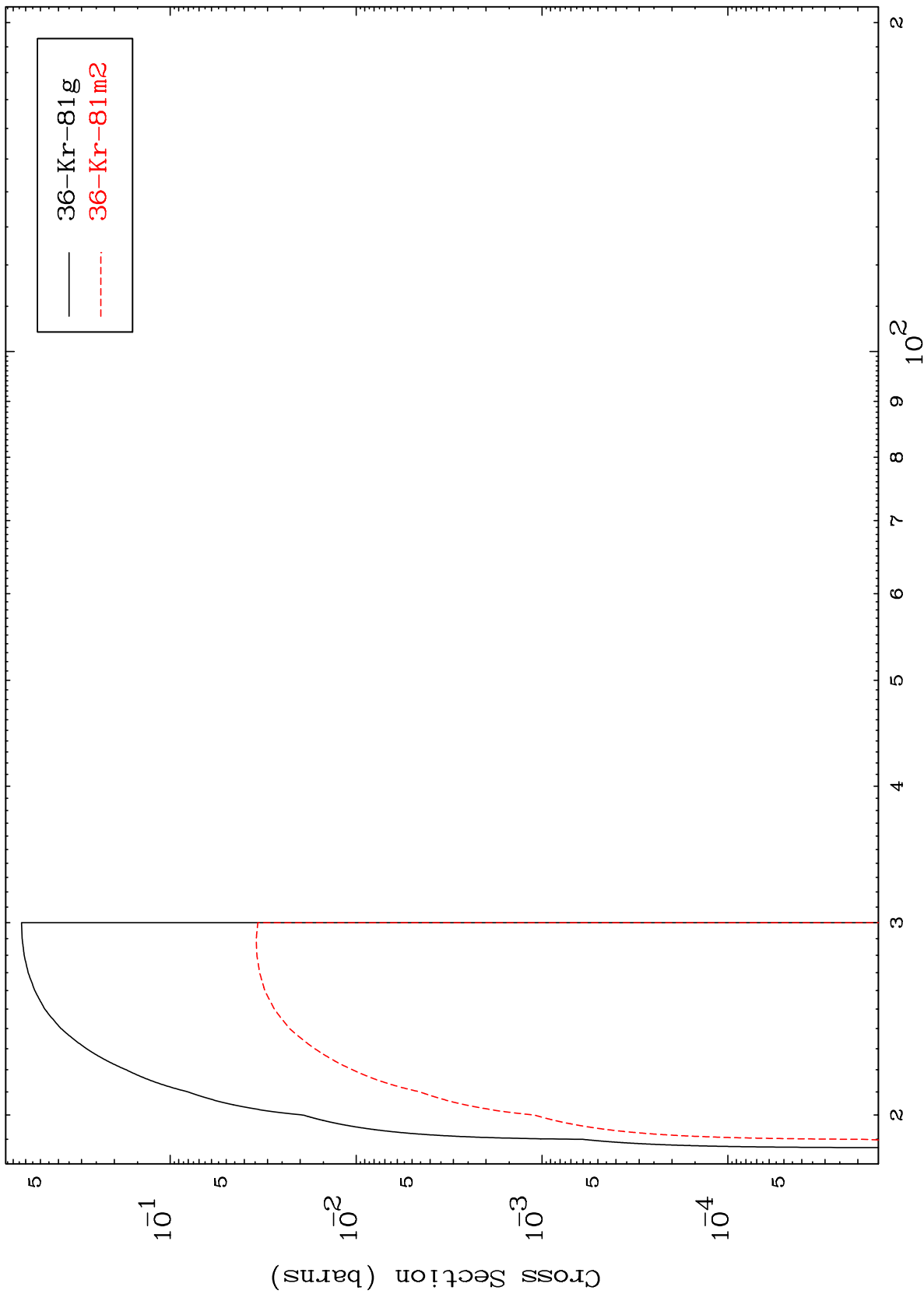


35-Br-80g  
35-Br-80m2

MAT 3640

36-Kr-83

(n,3n)  
Radionuclide Production Cross Section



127

36-Kr-83

Incident Energy (MeV)

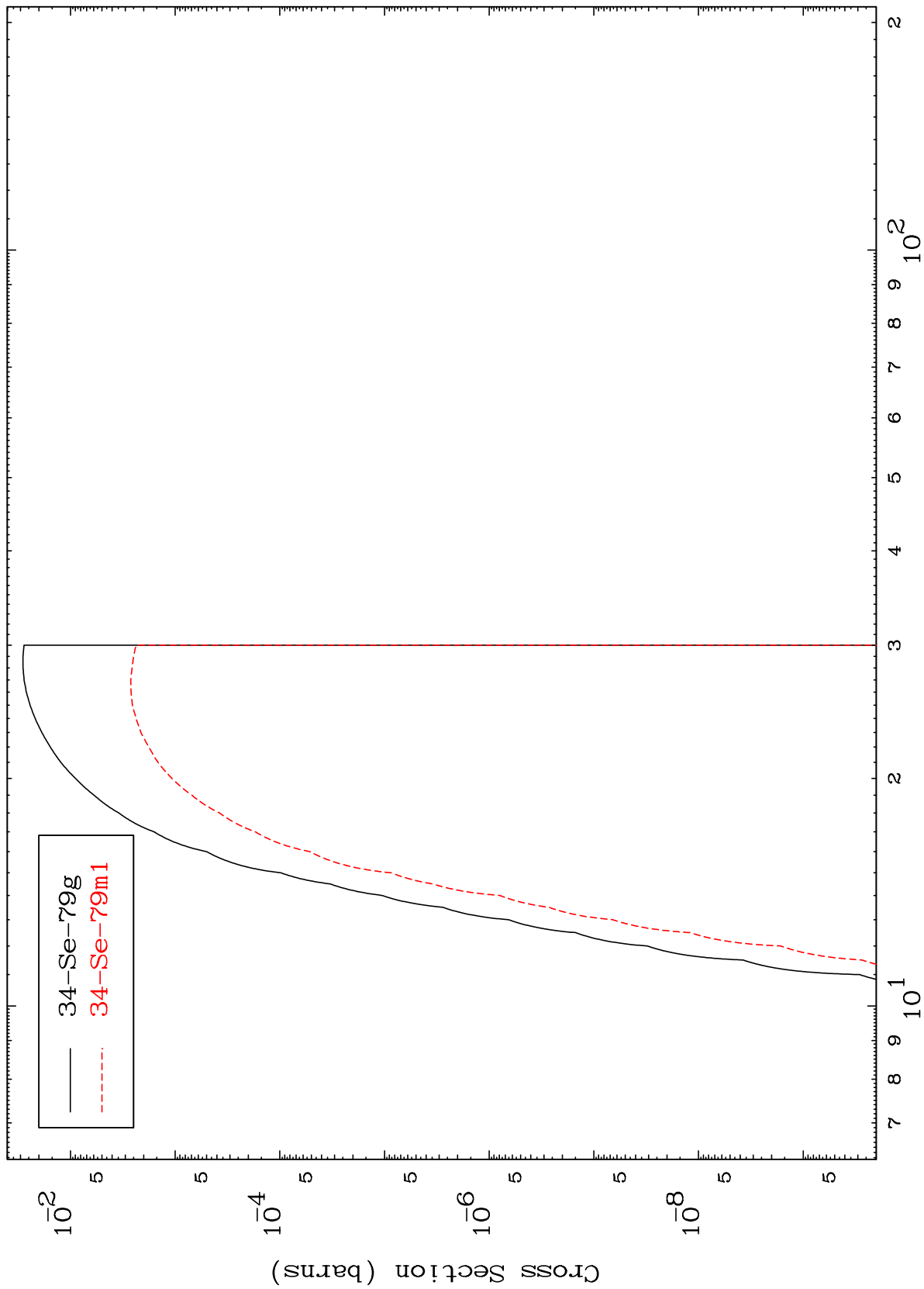


MAT 3640

$(n, n')$   $\alpha$

36-Kr-83

Radionuclide Production Cross Section



128

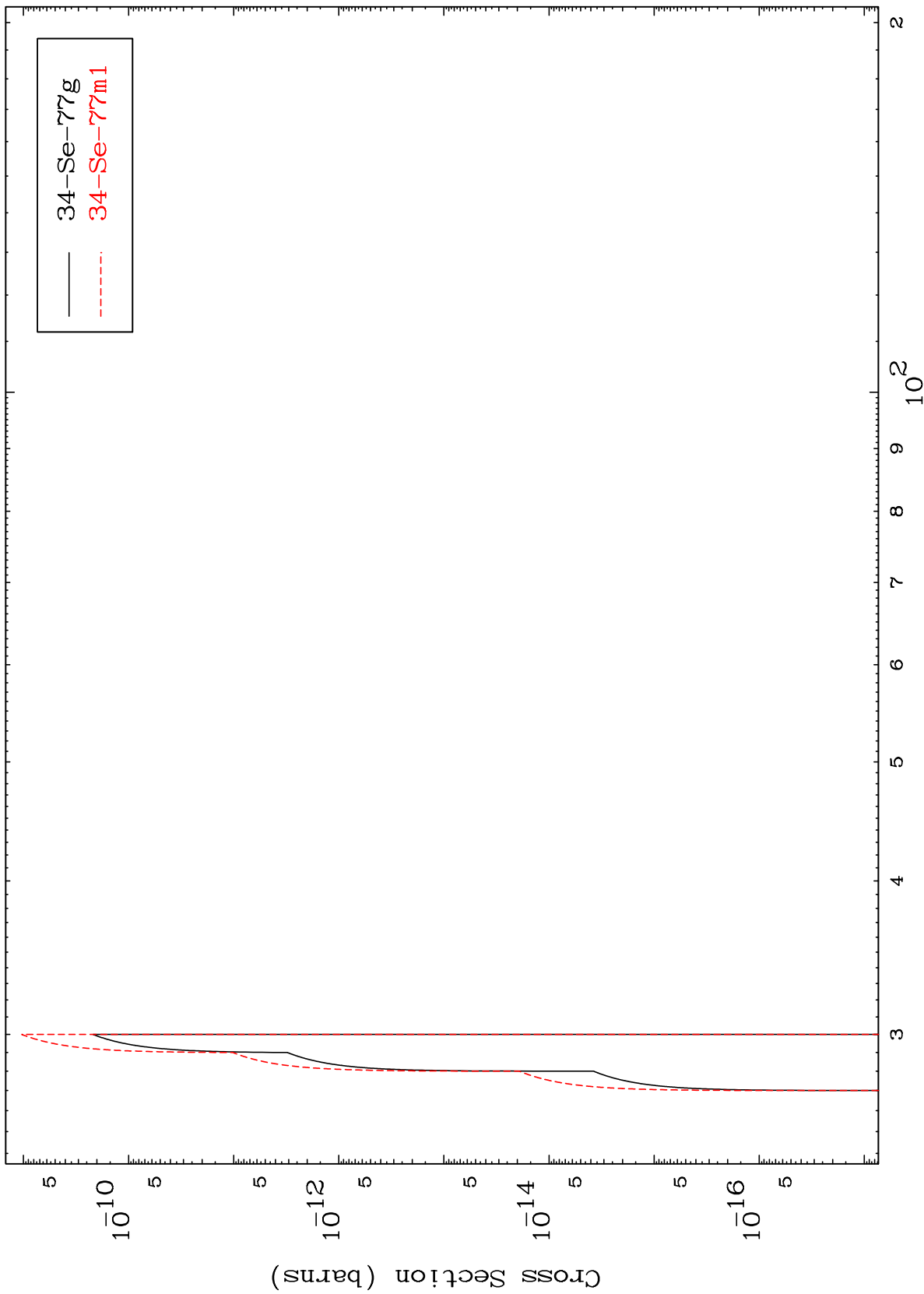
Incident Energy (MeV)

36-Kr-83

MAT 3640

36-Kr-83

$(n,3n) \alpha$   
Radionuclide Production Cross Section



34-Se-77g  
34-Se-77m1

129

36-Kr-83

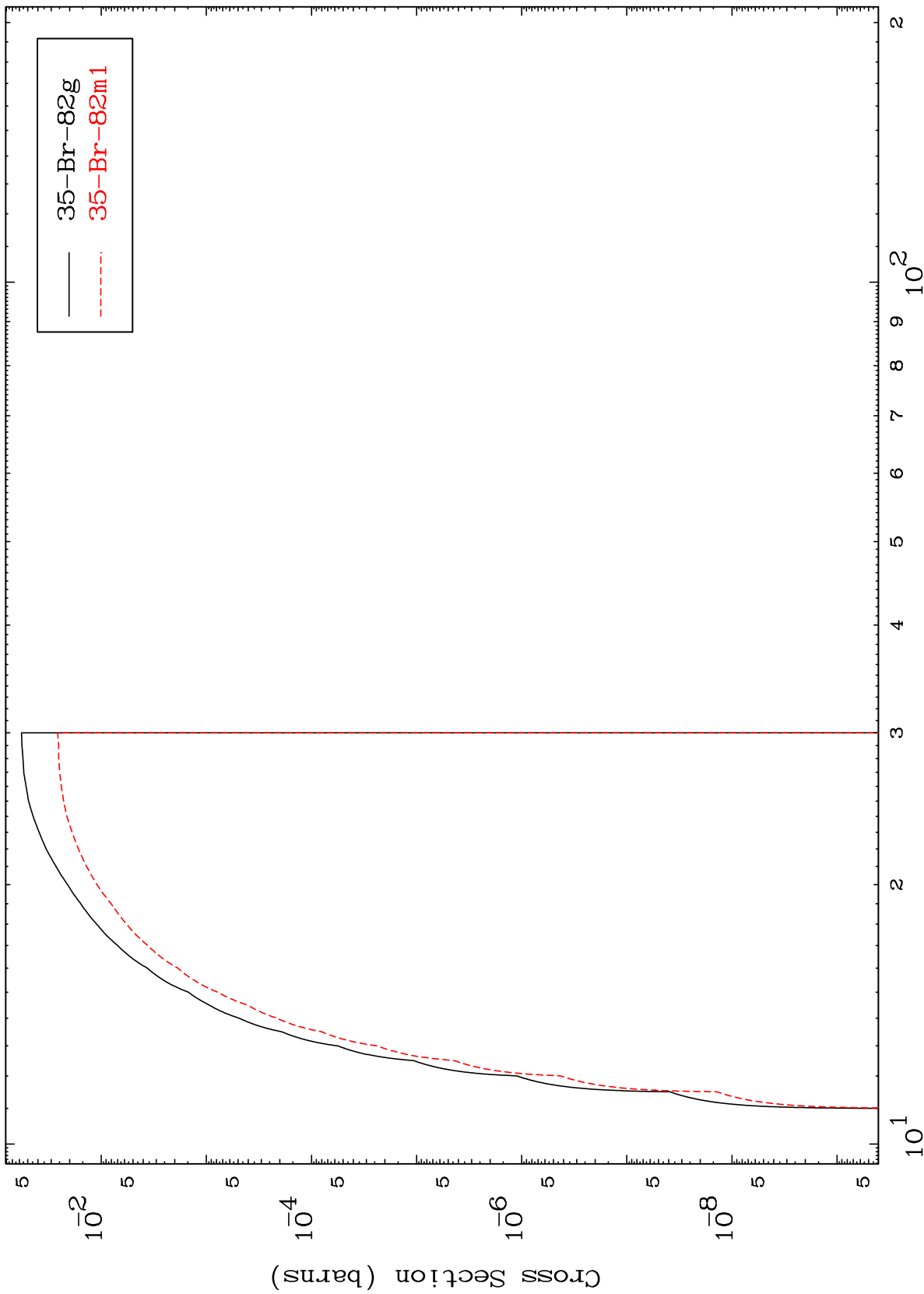
Incident Energy (MeV)

MAT 3640

(n,n') p

36-Kr-83

Radionuclide Production Cross Section



Incident Energy (MeV)

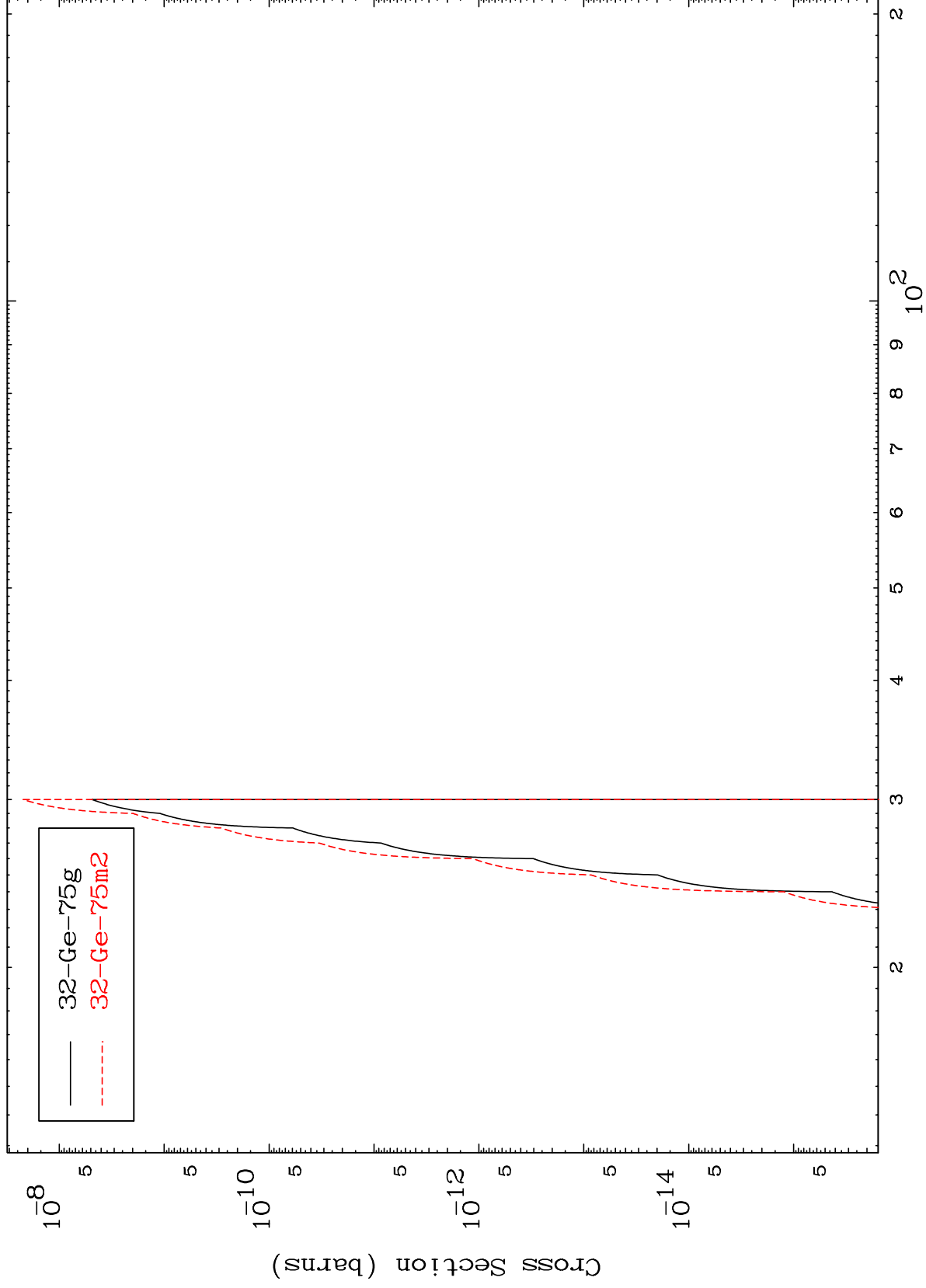
36-Kr-83

MAT 3640

(n,n') 2α

36-Kr-83

Radionuclide Production Cross Section



131

Incident Energy (MeV)

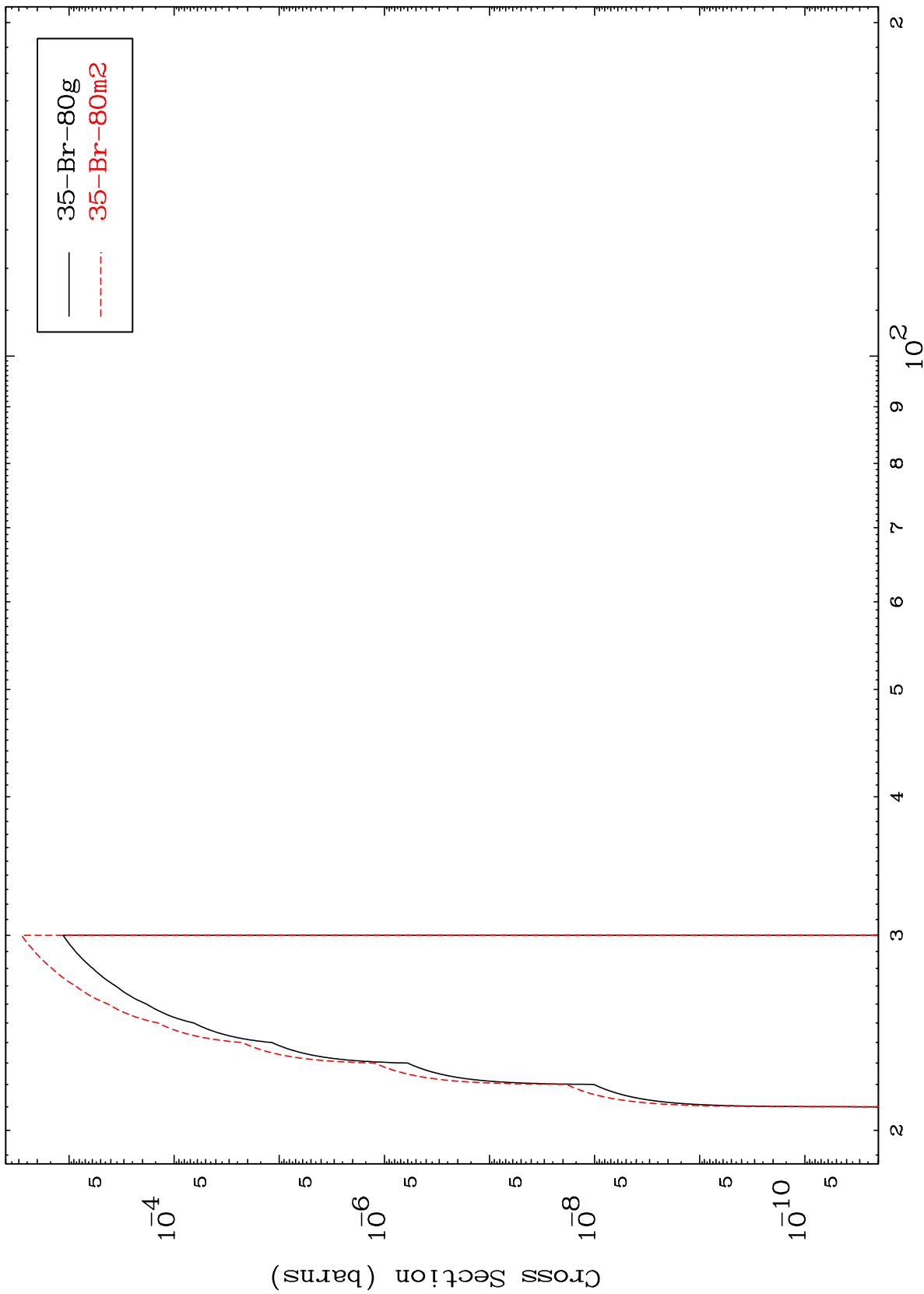
36-Kr-83

MAT 3640

(n,n') t

36-Kr-83

Radionuclide Production Cross Section



132

Incident Energy (MeV)

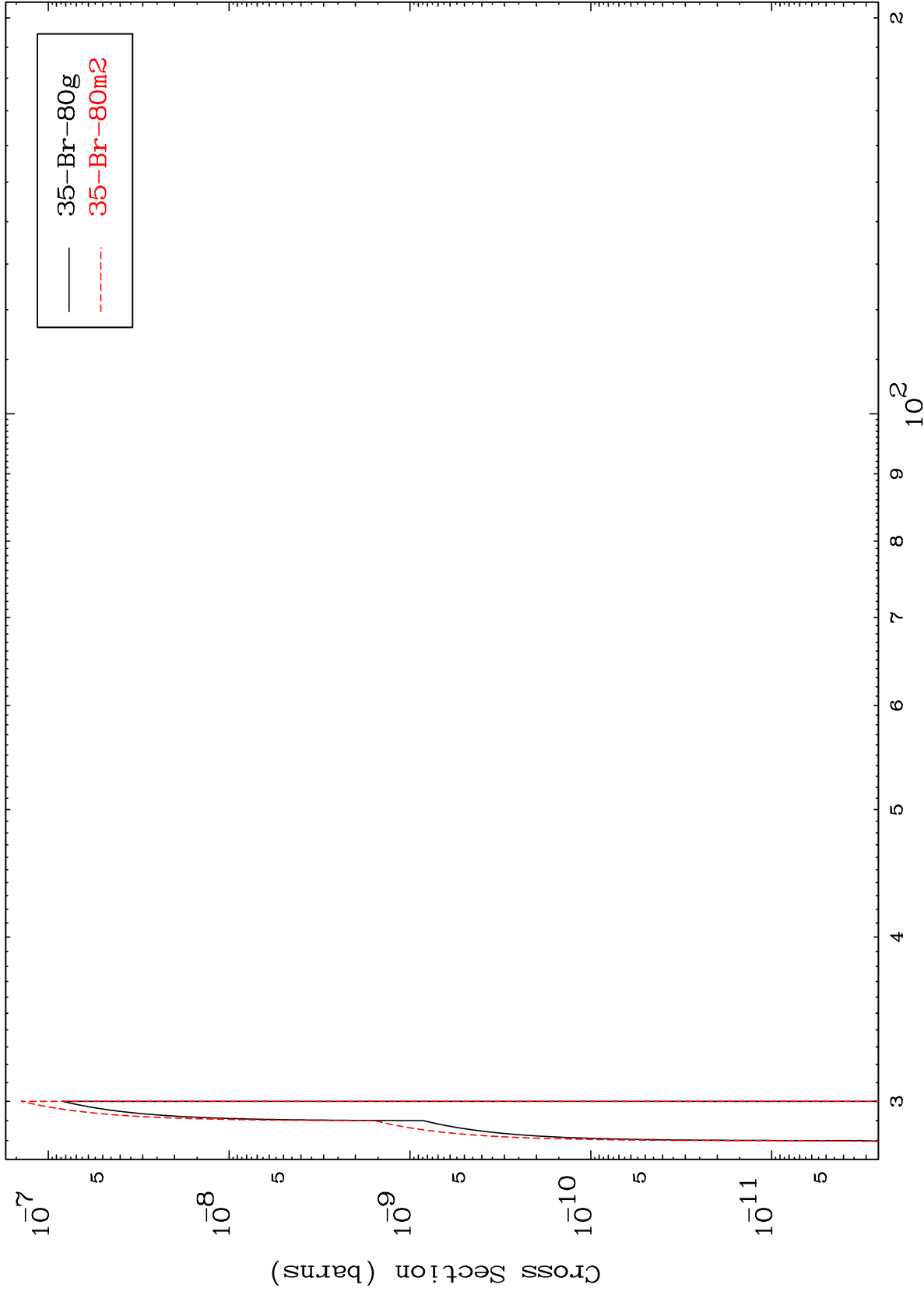
36-Kr-83

MAT 3640

(n,3n) p

36-Kr-83

Radionuclide Production Cross Section



133

Incident Energy (MeV)

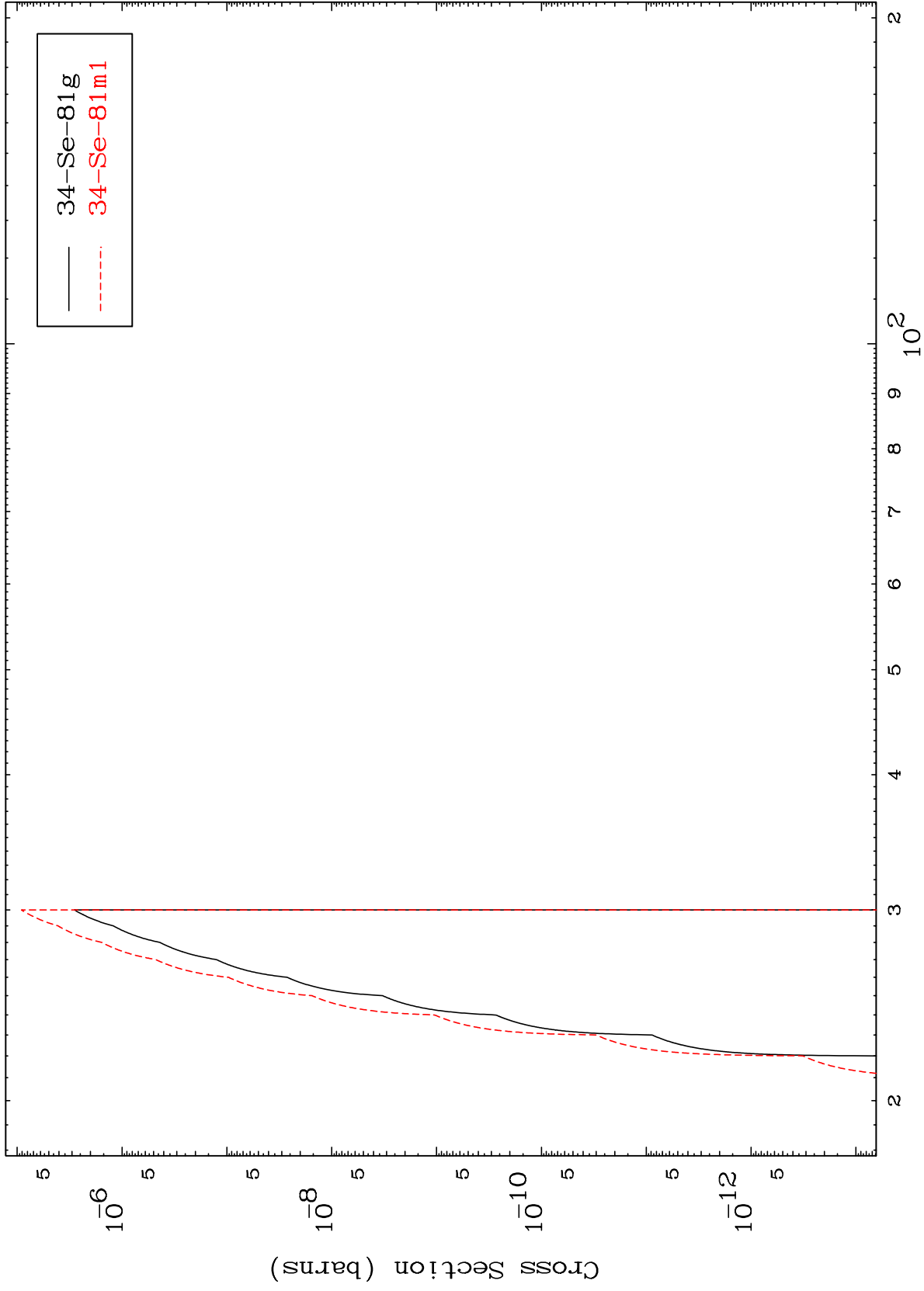
36-Kr-83

MAT 3640

$(n,2n)$  p

36-Kr-83

Radionuclide Production Cross Section



134

Incident Energy (MeV)

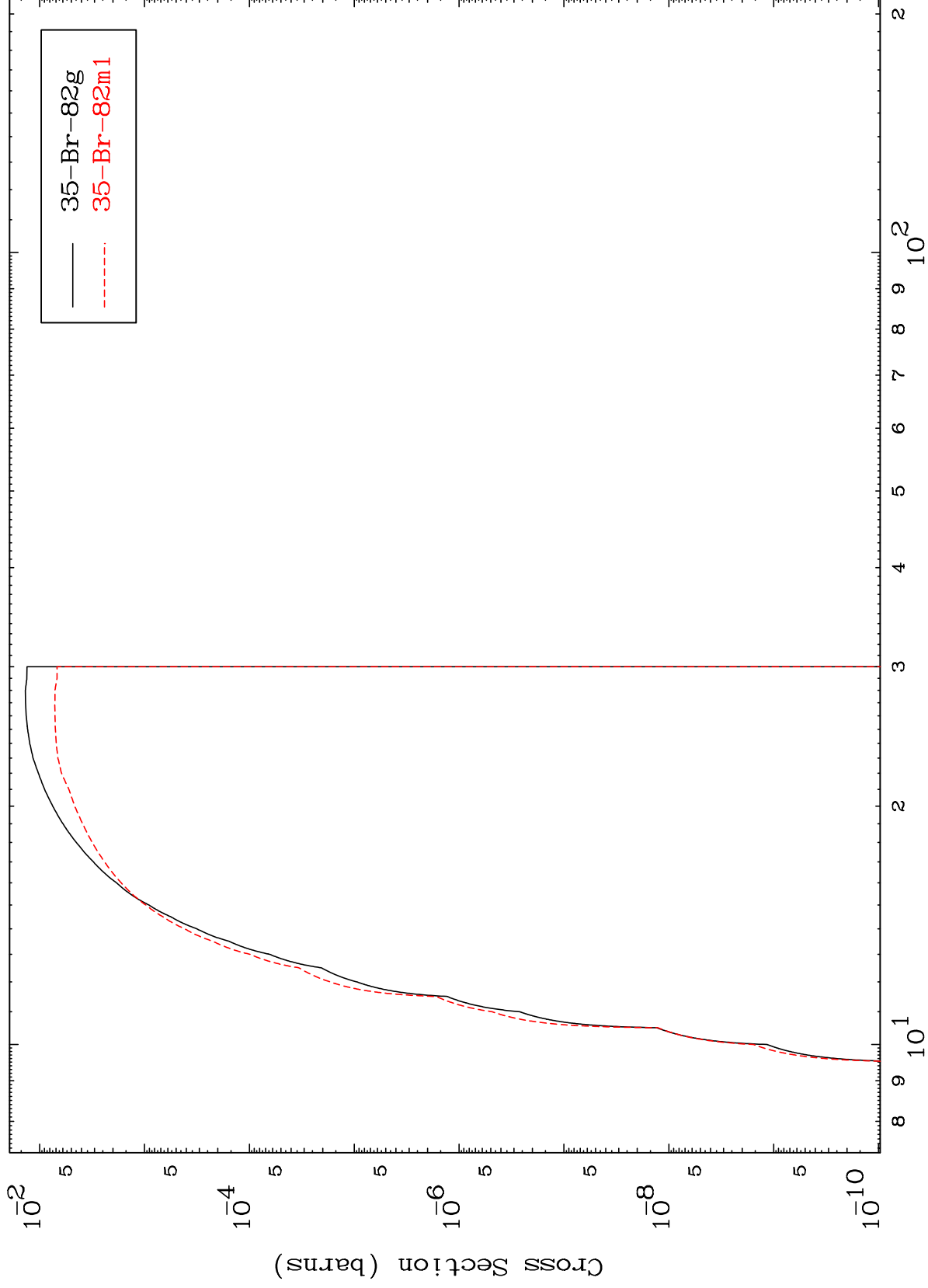
36-Kr-83

MAT 3640

(n,d)

36-Kr-83

Radionuclide Production Cross Section



135

Incident Energy (MeV)

36-Kr-83

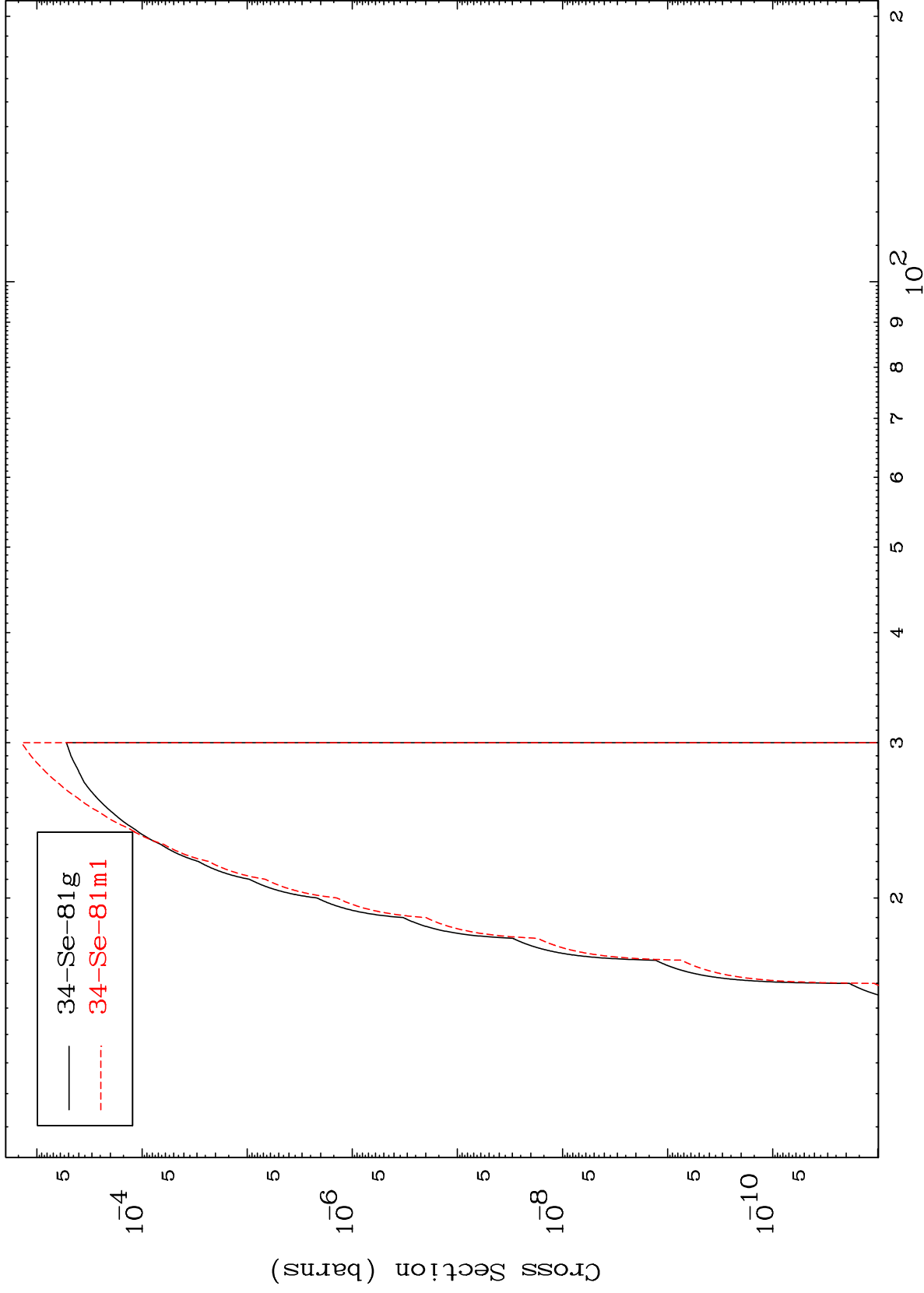


MAT 3640

(n,He-3)

36-Kr-83

Radionuclide Production Cross Section



136

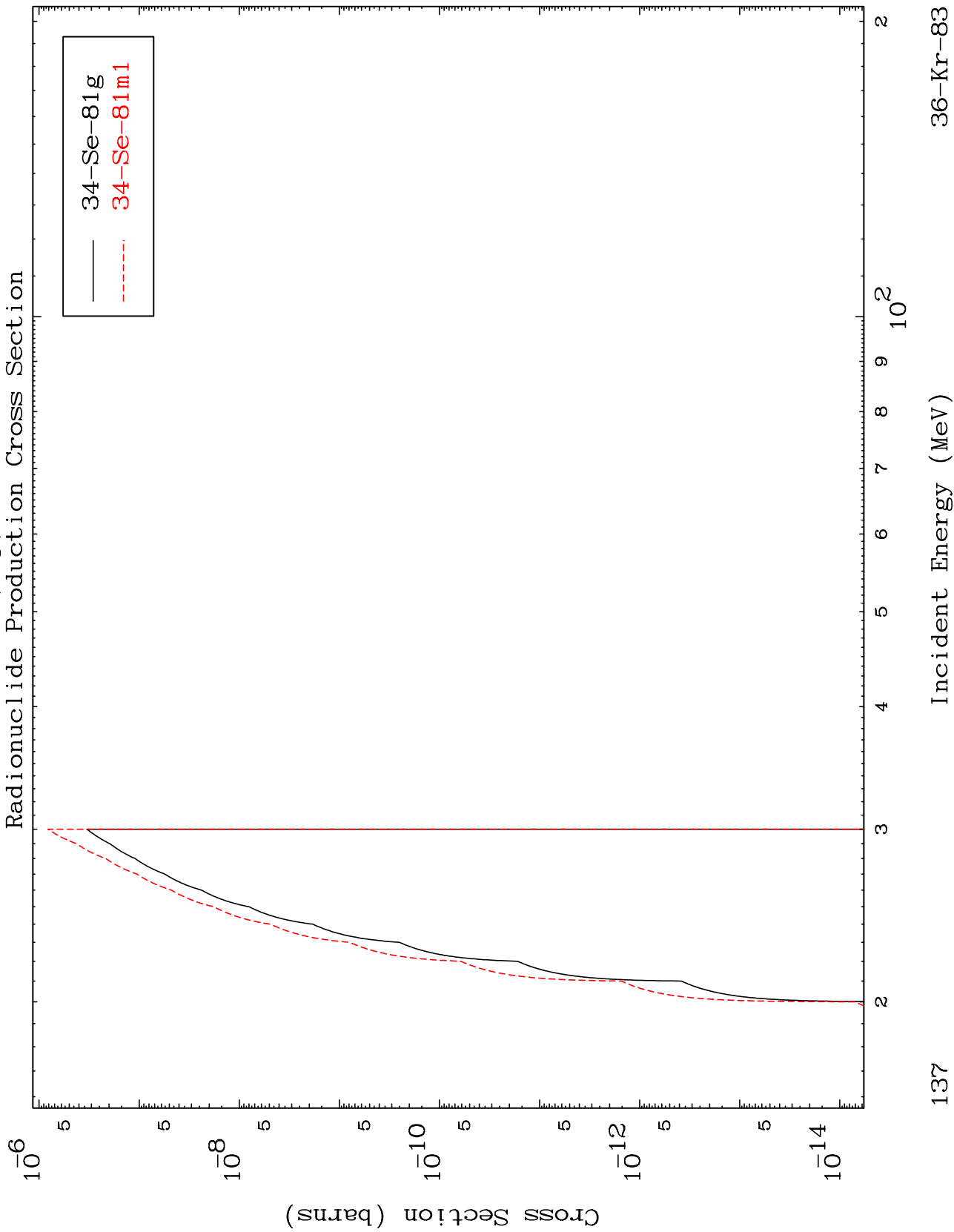
Incident Energy (MeV)

36-Kr-83

MAT 3640

(n,p) d

36-Kr-83



137

36-Kr-83