

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

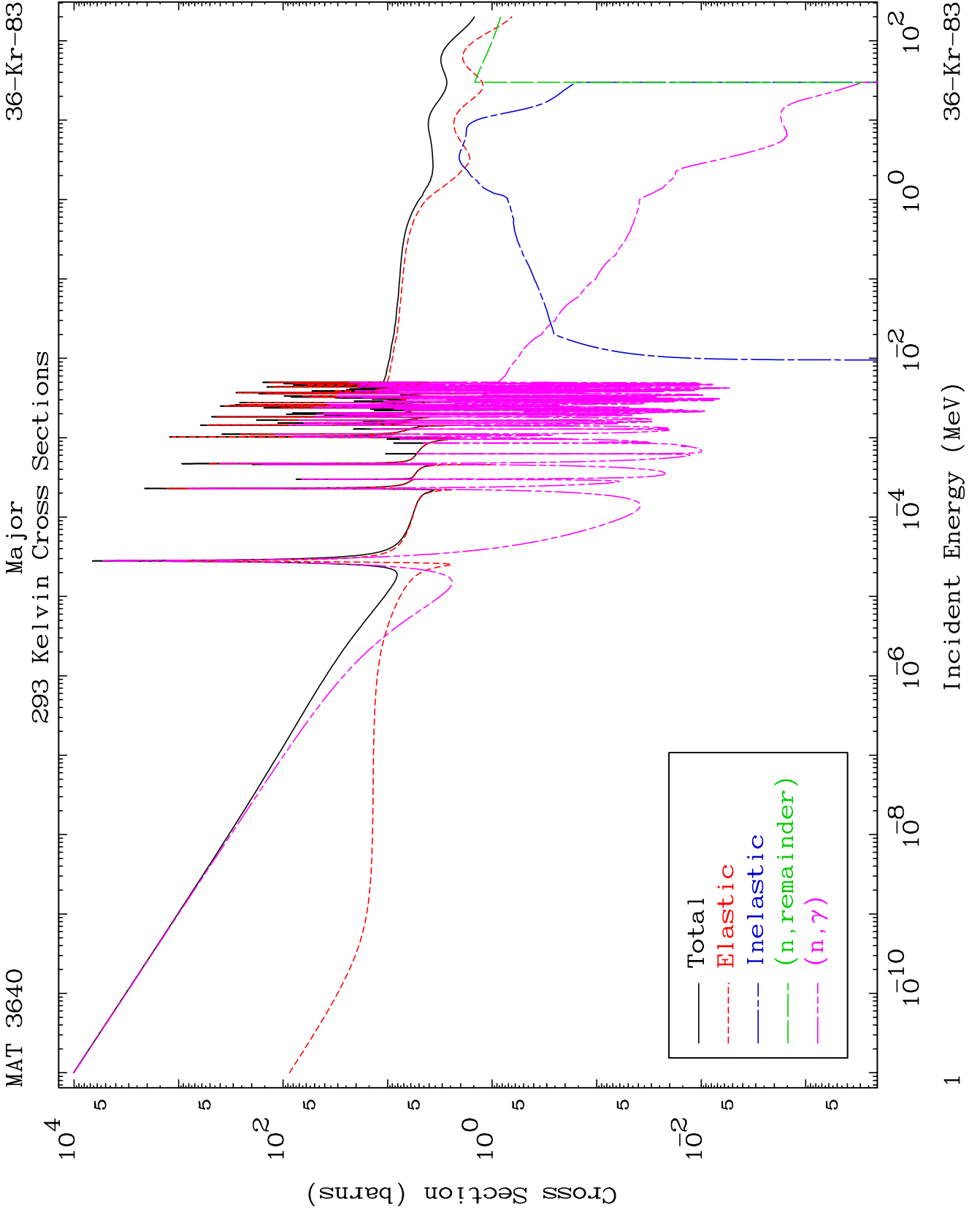
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

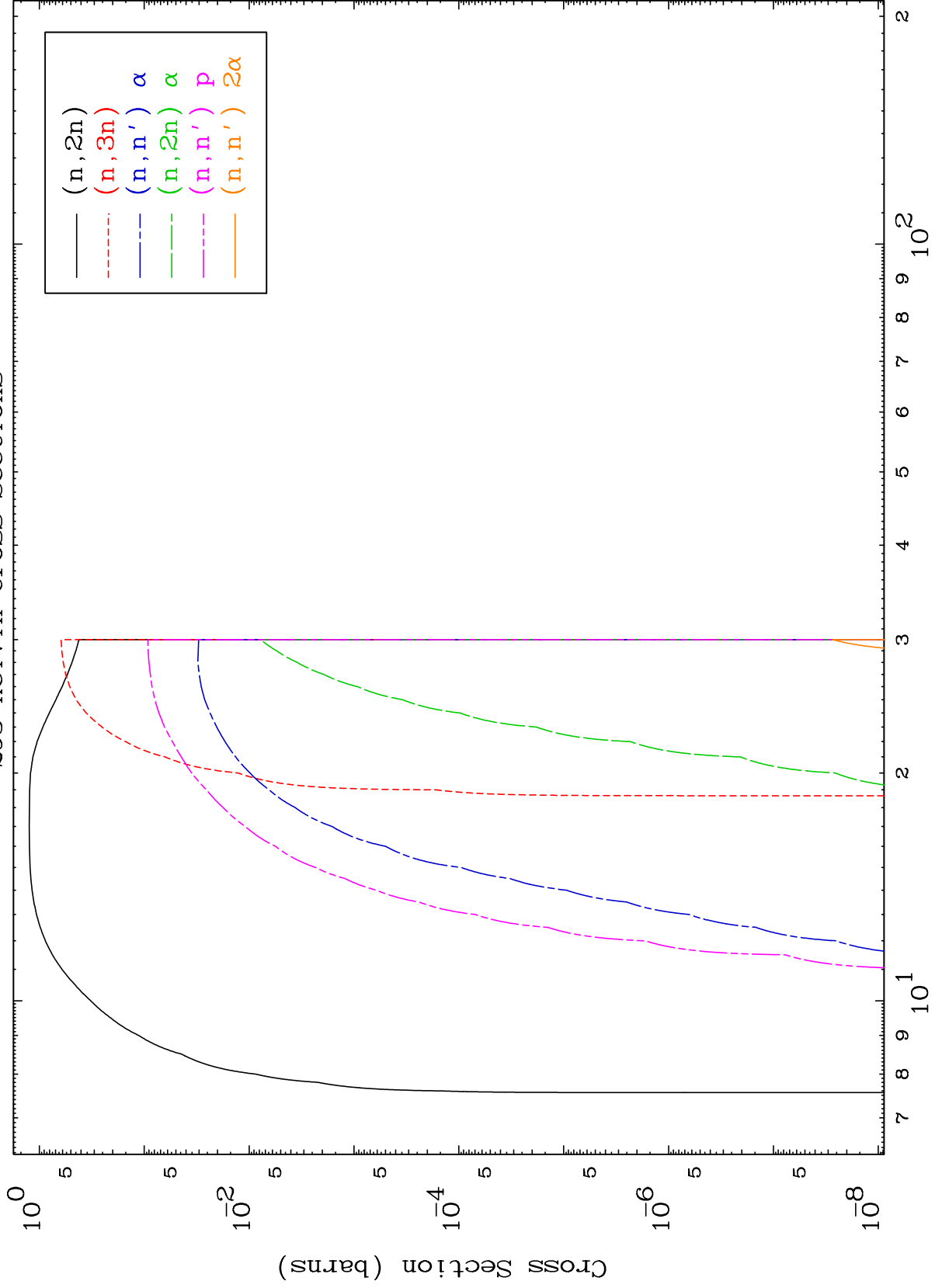
Tele: 925-443-1911

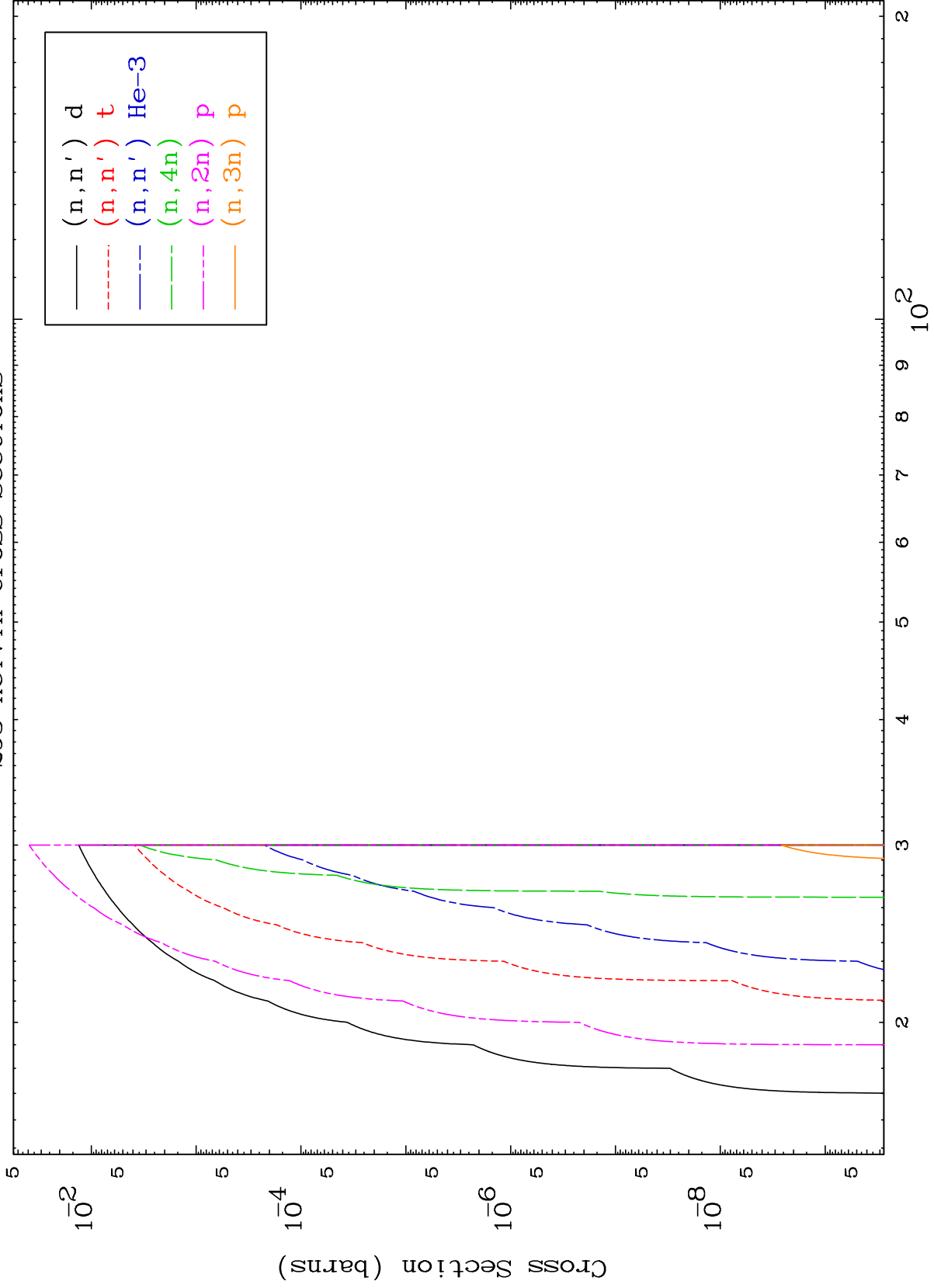
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



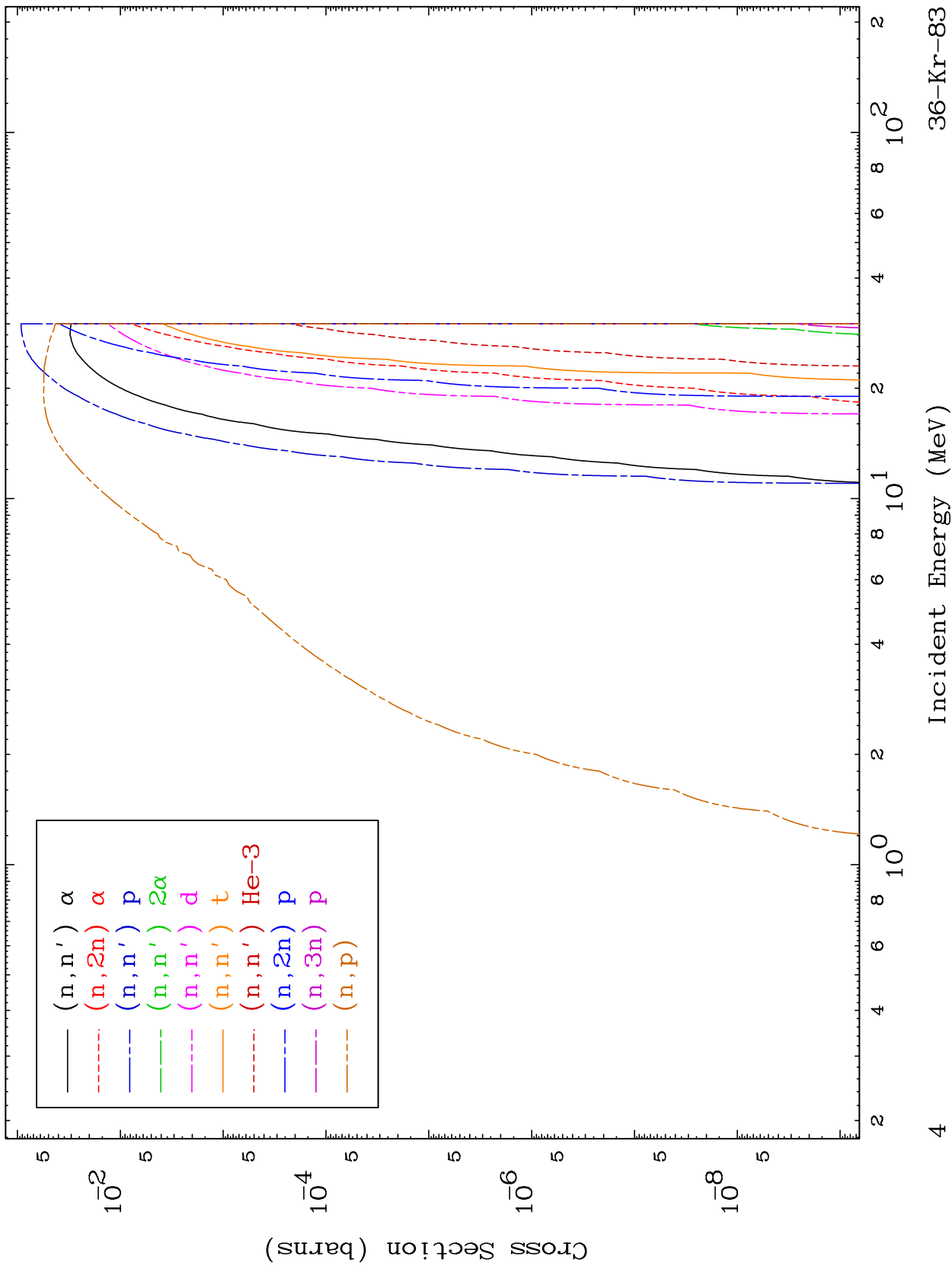




MAT 3640

Charged Particle
293 Kelvin Cross Sections

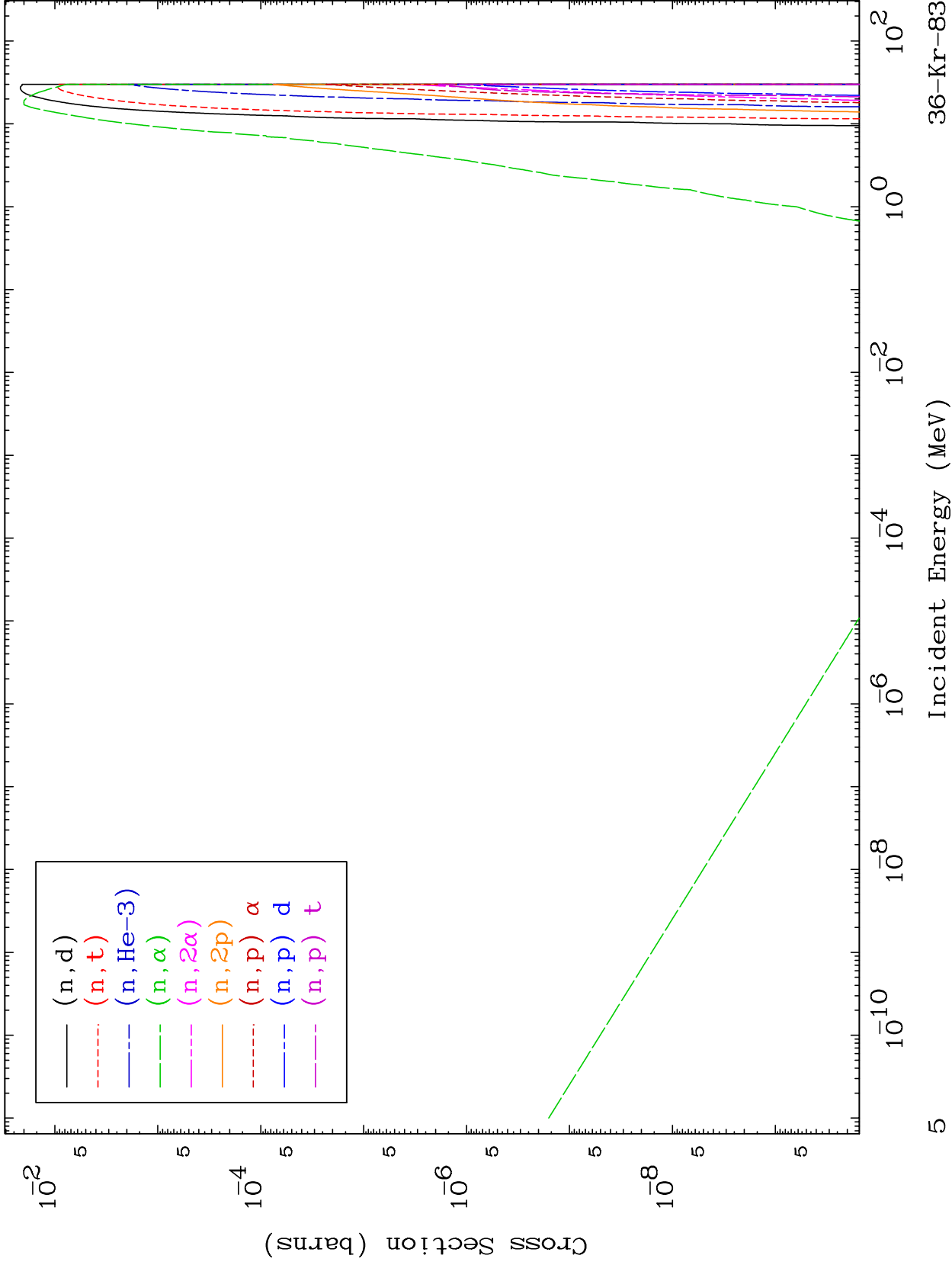
36-Kr-83



MAT 3640

Charged Particle
293 Kelvin Cross Sections

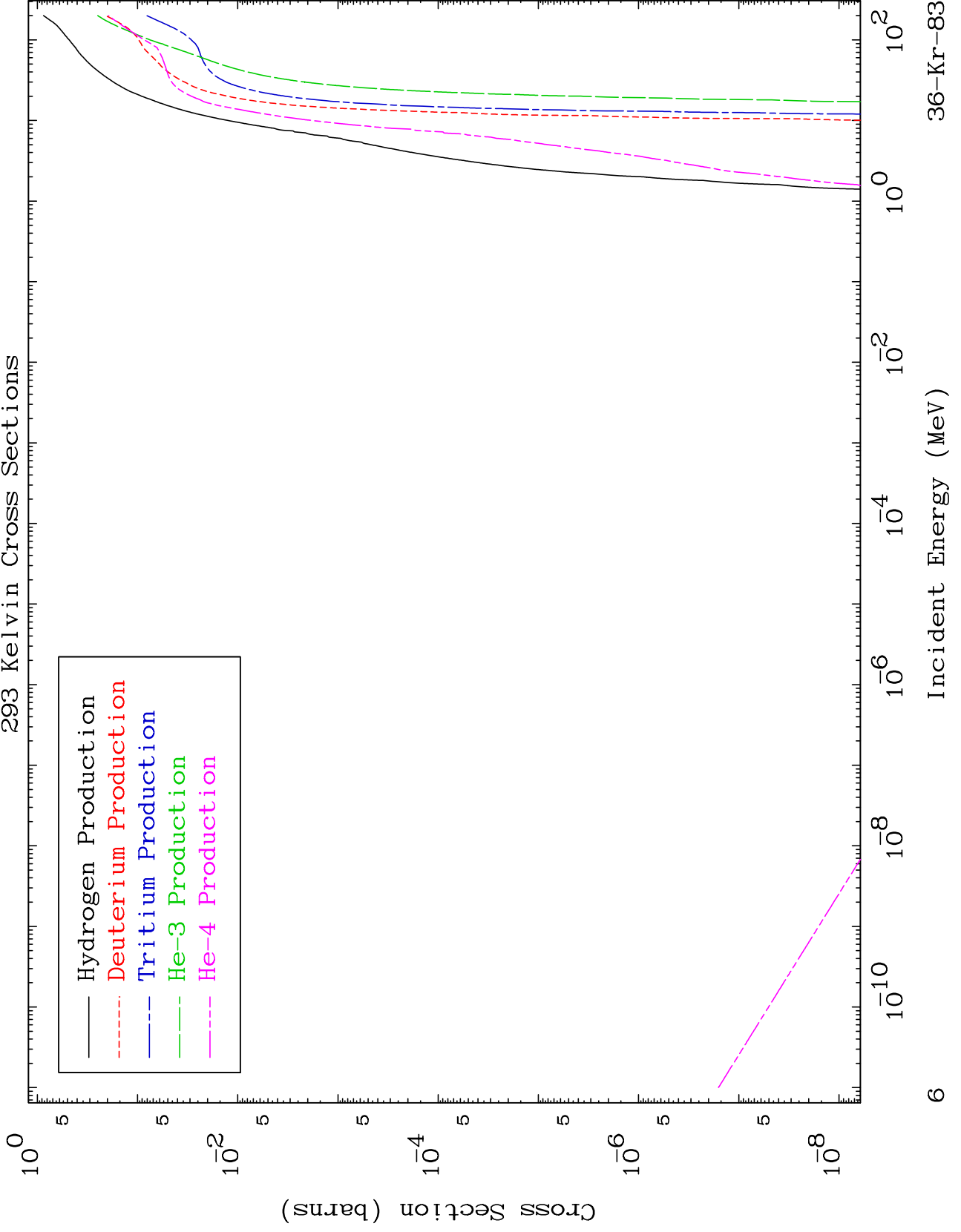
36-Kr-83



MAT 3640

Particle Production
293 Kelvin Cross Sections

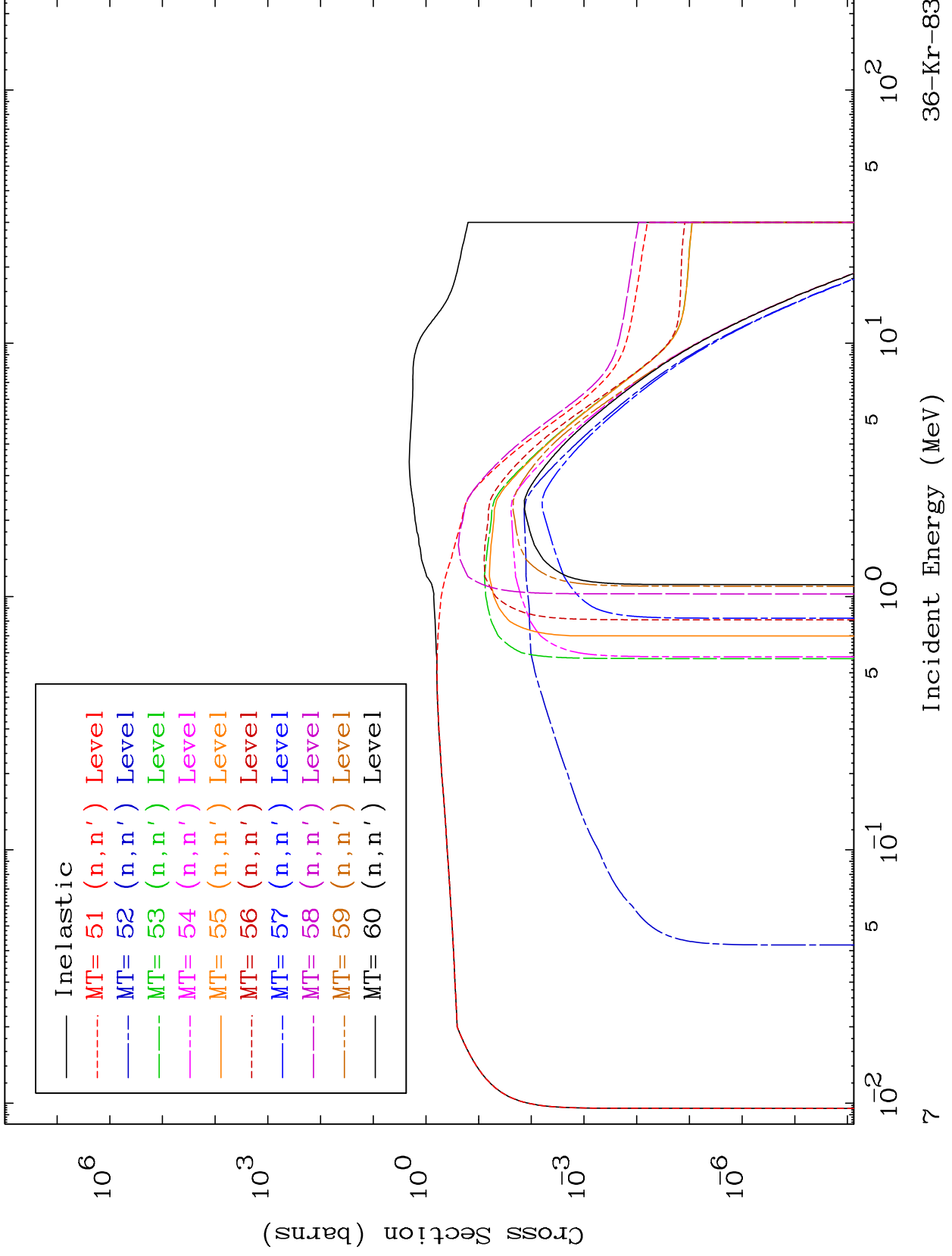
36-Kr-83



MAT 3640

(n,n') Level
293 Kelvin Cross Sections

36-Kr-83

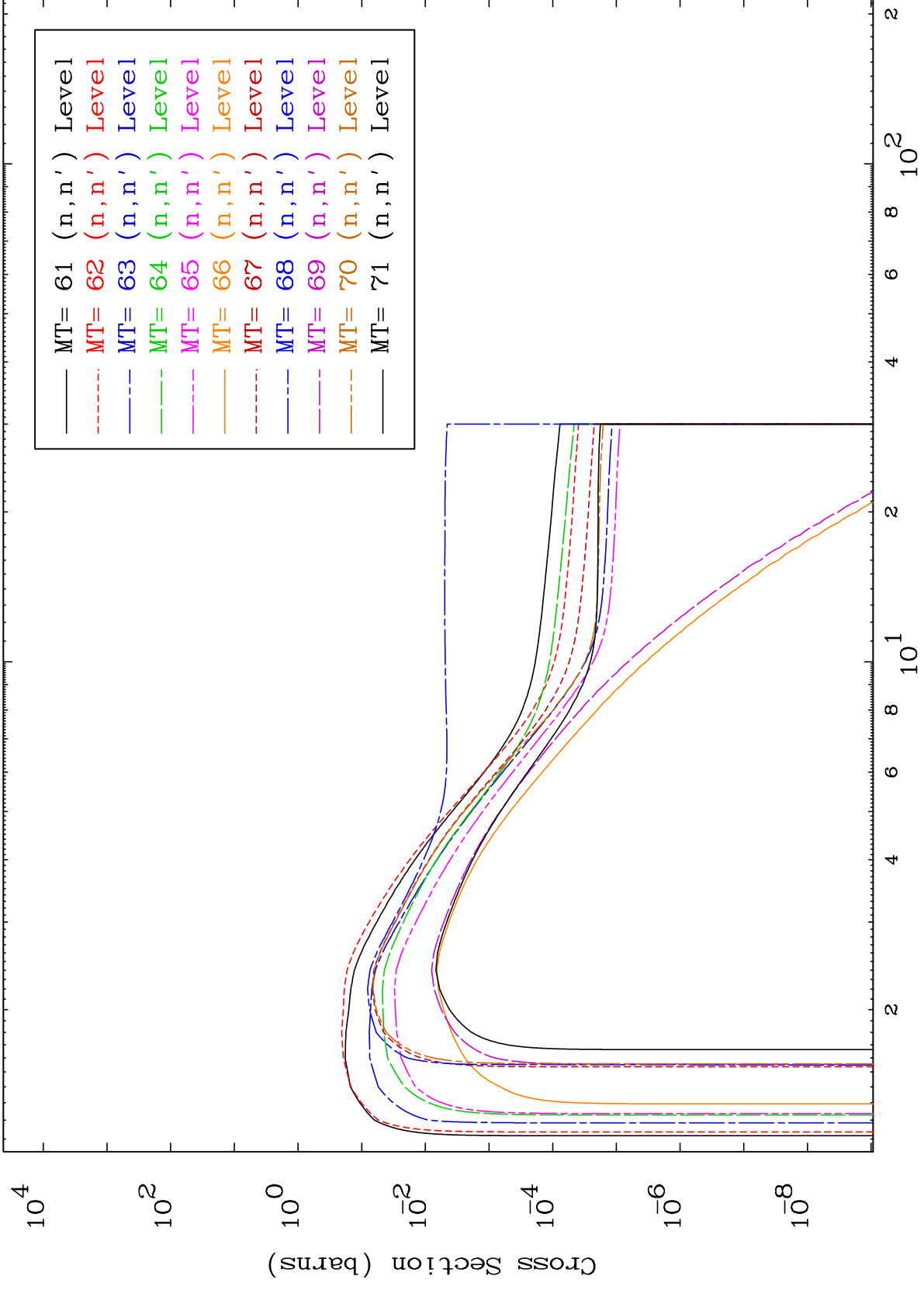


MAT 3640

(n,n') Level

36-Kr-83

293 Kelvin Cross Sections

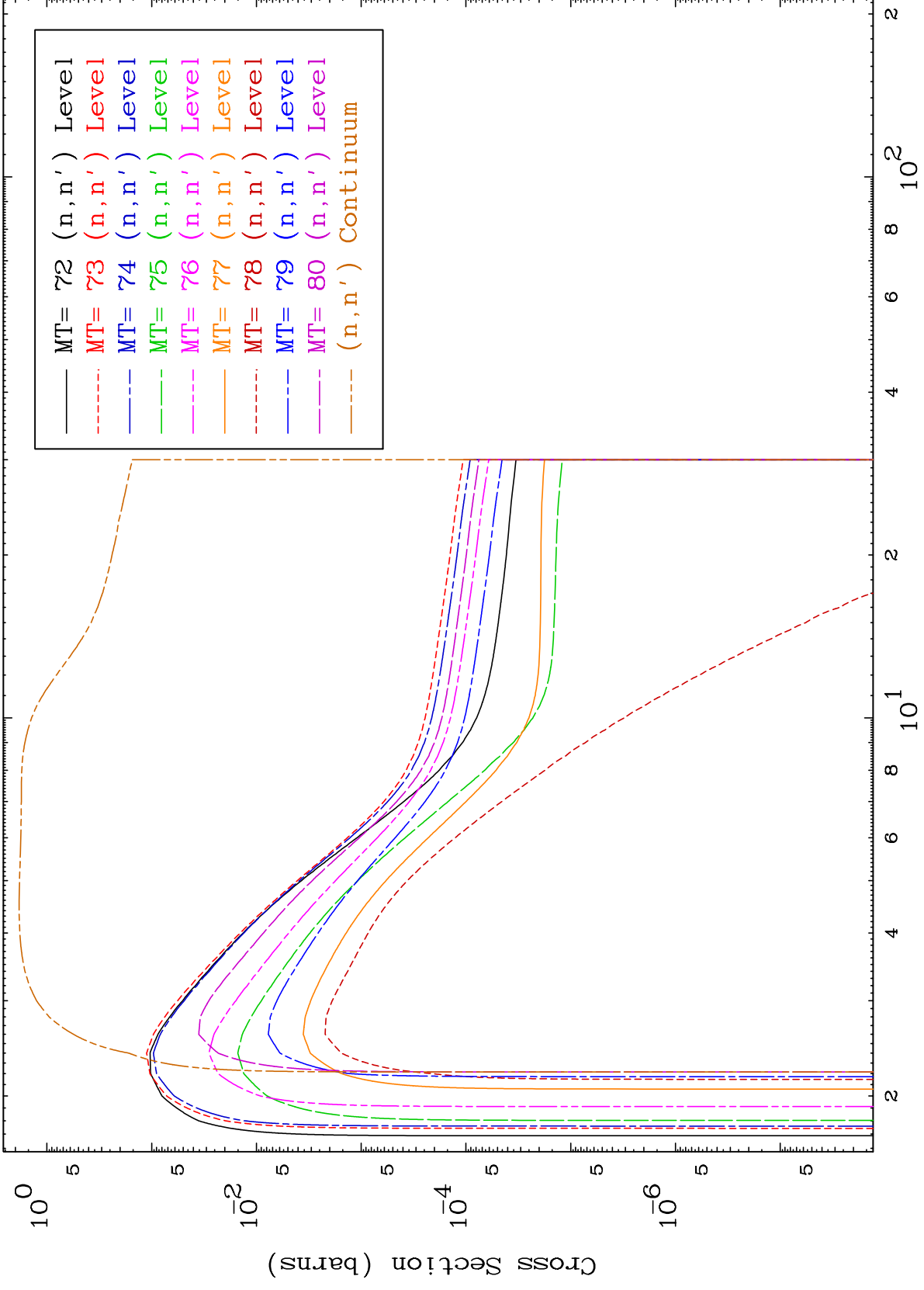


8

Incident Energy (MeV)

36-Kr-83

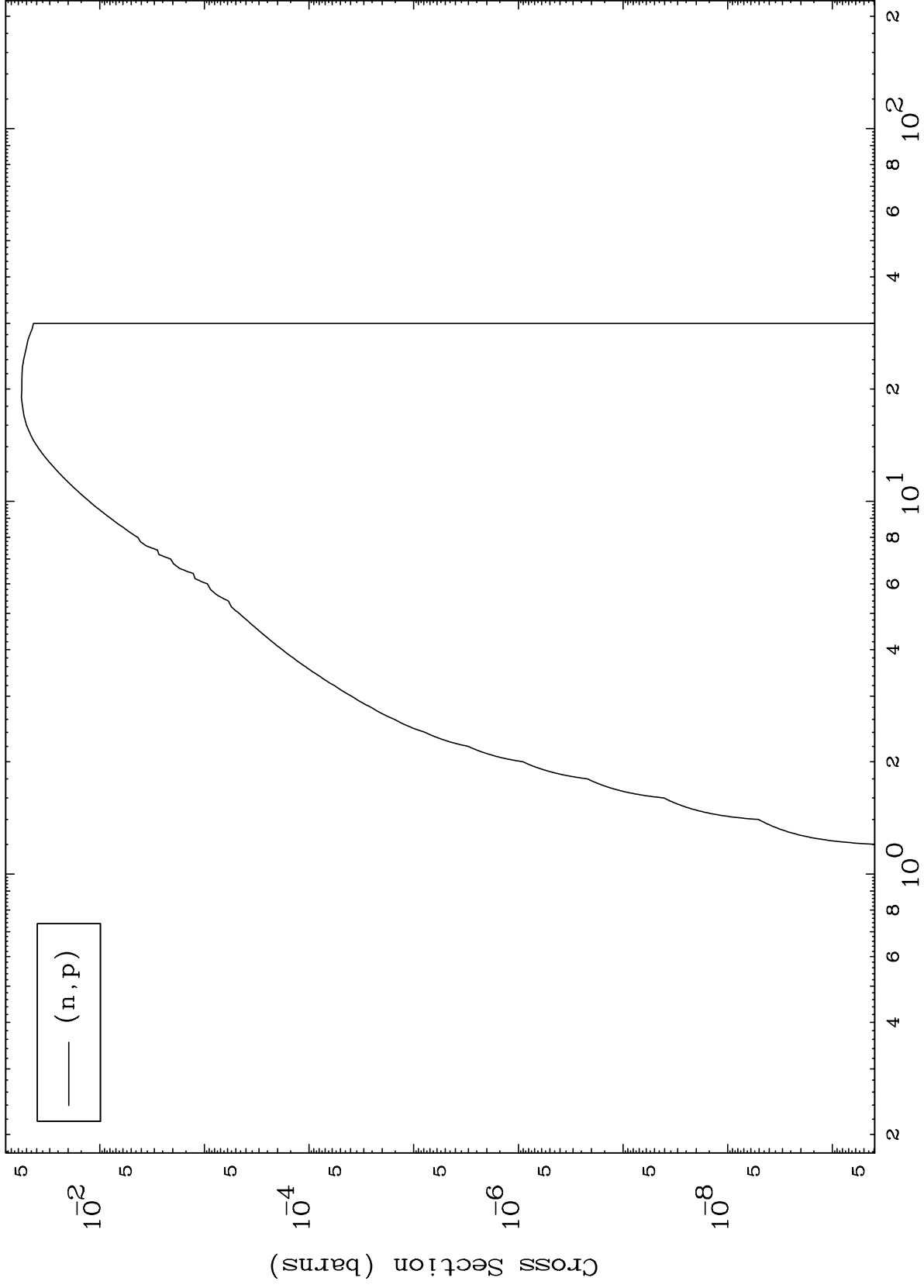
293 Kelvin Cross Sections



MAT 3640

(n,p) Levels
293 Kelvin Cross Sections

36-Kr-83



(n,p)

10

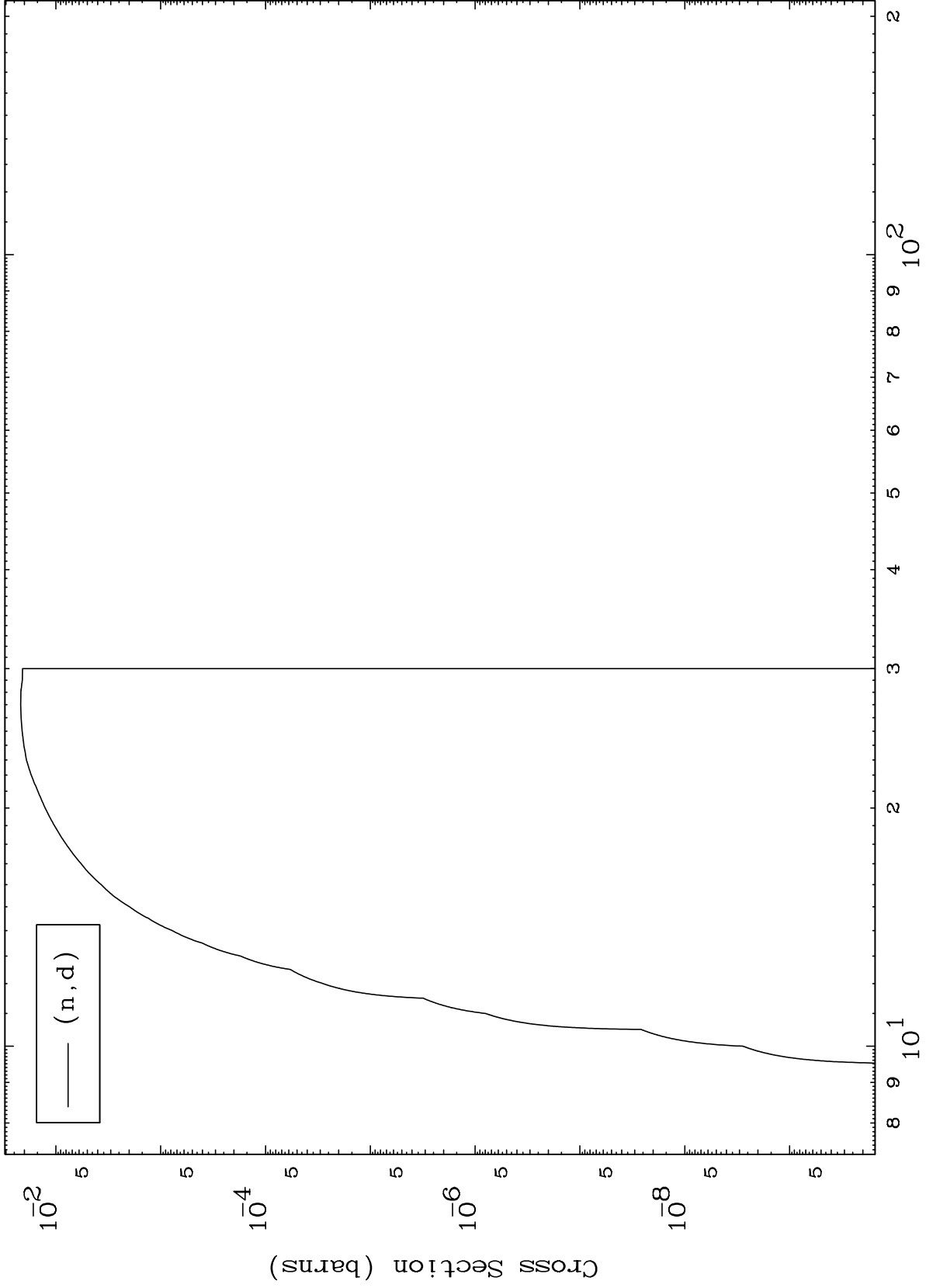
Incident Energy (MeV)

36-Kr-83

MAT 3640

(n,d) Levels
293 Kelvin Cross Sections

36-Kr-83



11

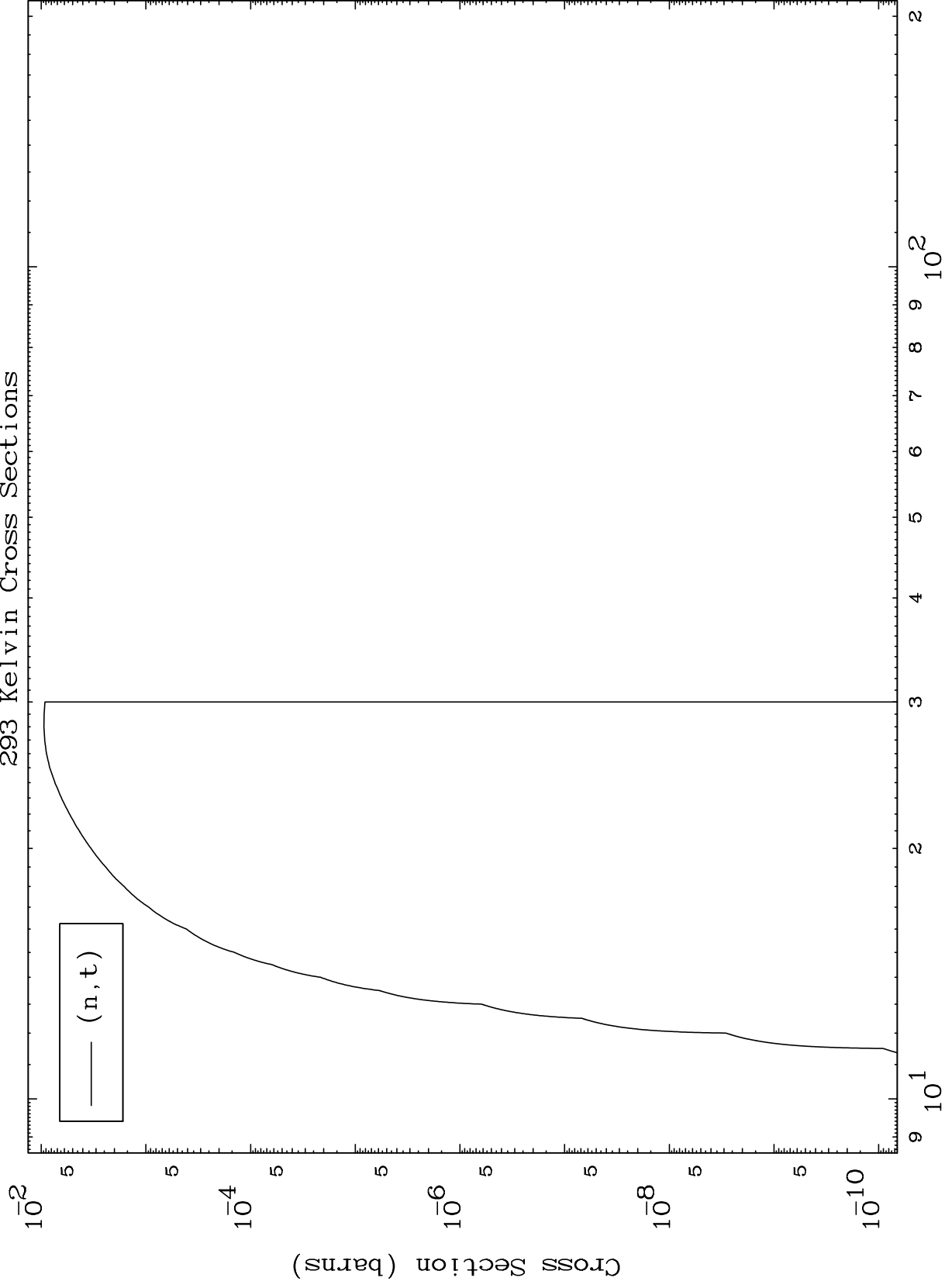
Incident Energy (MeV)

36-Kr-83

MAT 3640

(n,t) Levels
293 Kelvin Cross Sections

36-Kr-83



12

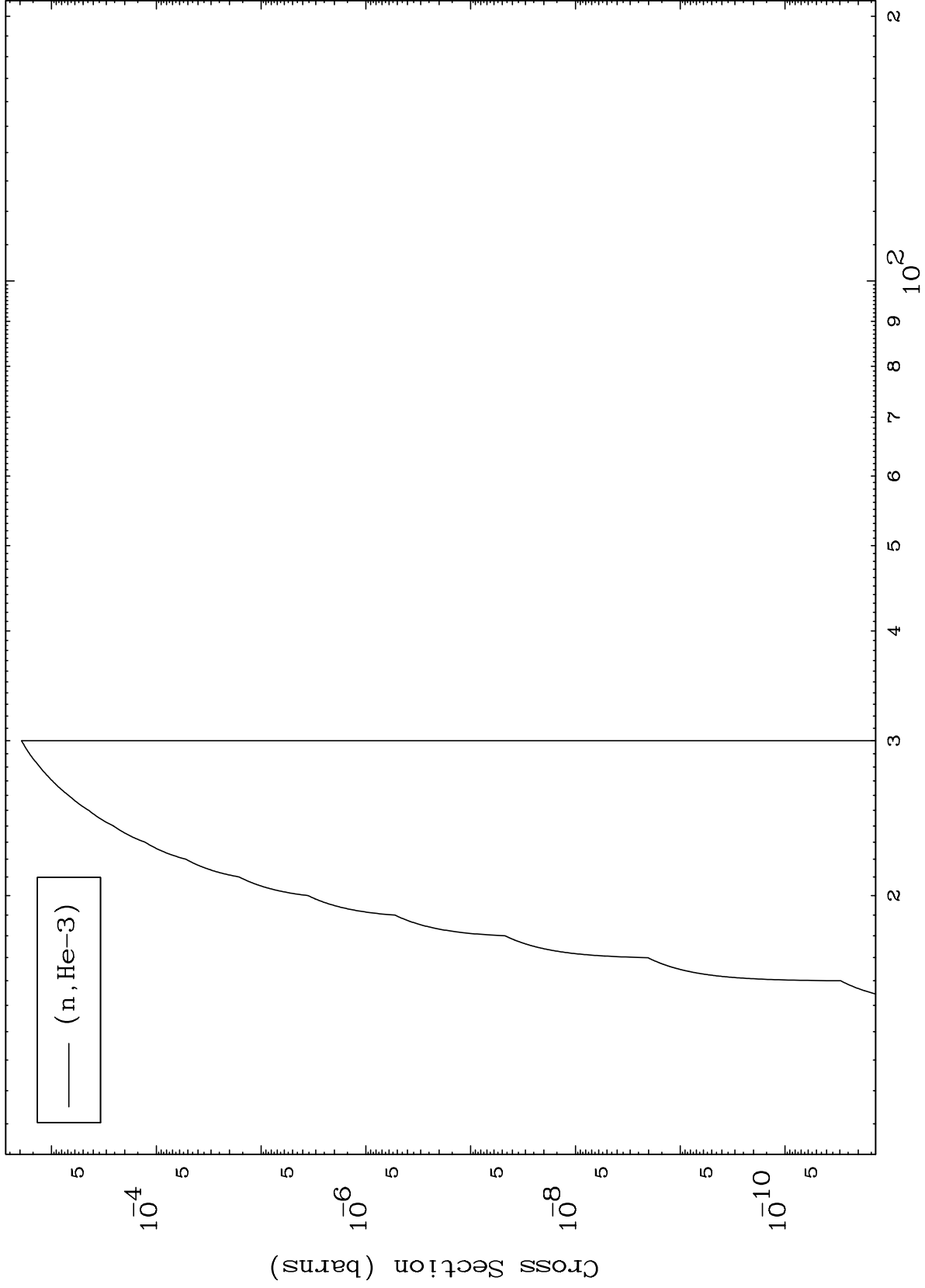
Incident Energy (MeV)

36-Kr-83

MAT 3640

(n,He3) Levels
293 Kelvin Cross Sections

36-Kr-83



13

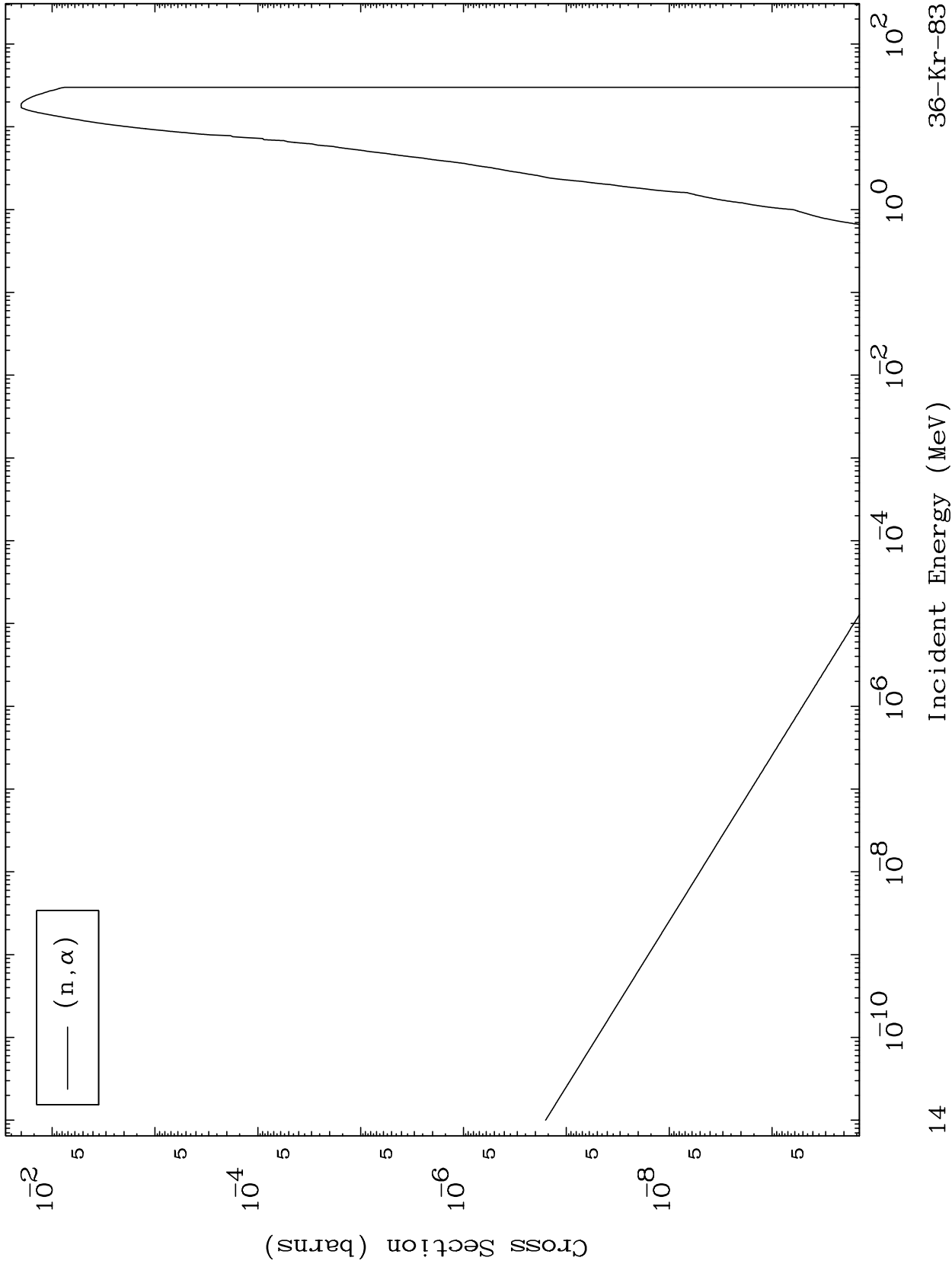
Incident Energy (MeV)

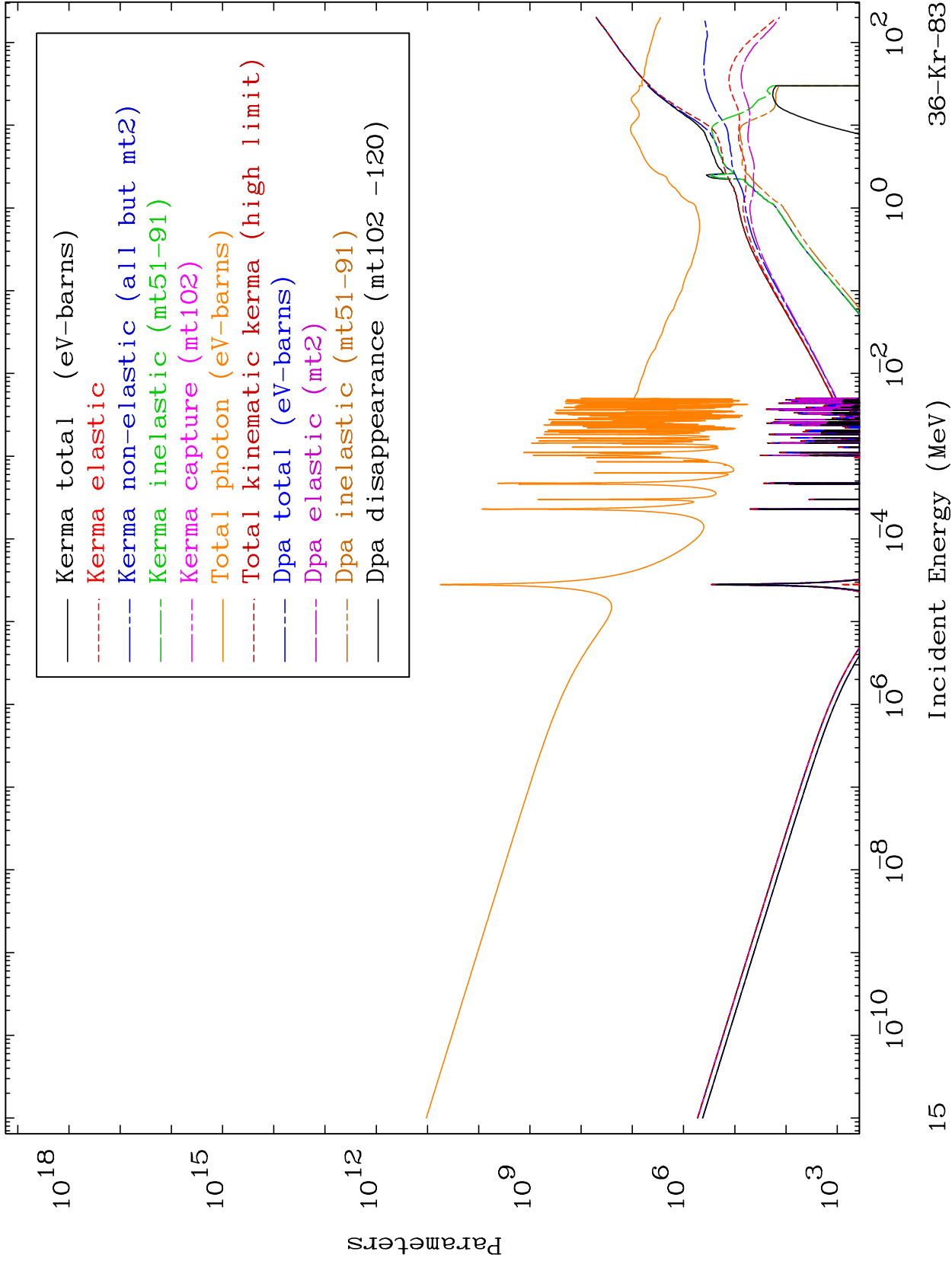
36-Kr-83

MAT 3640

(n, α) Levels
293 Kelvin Cross Sections

36-Kr-83

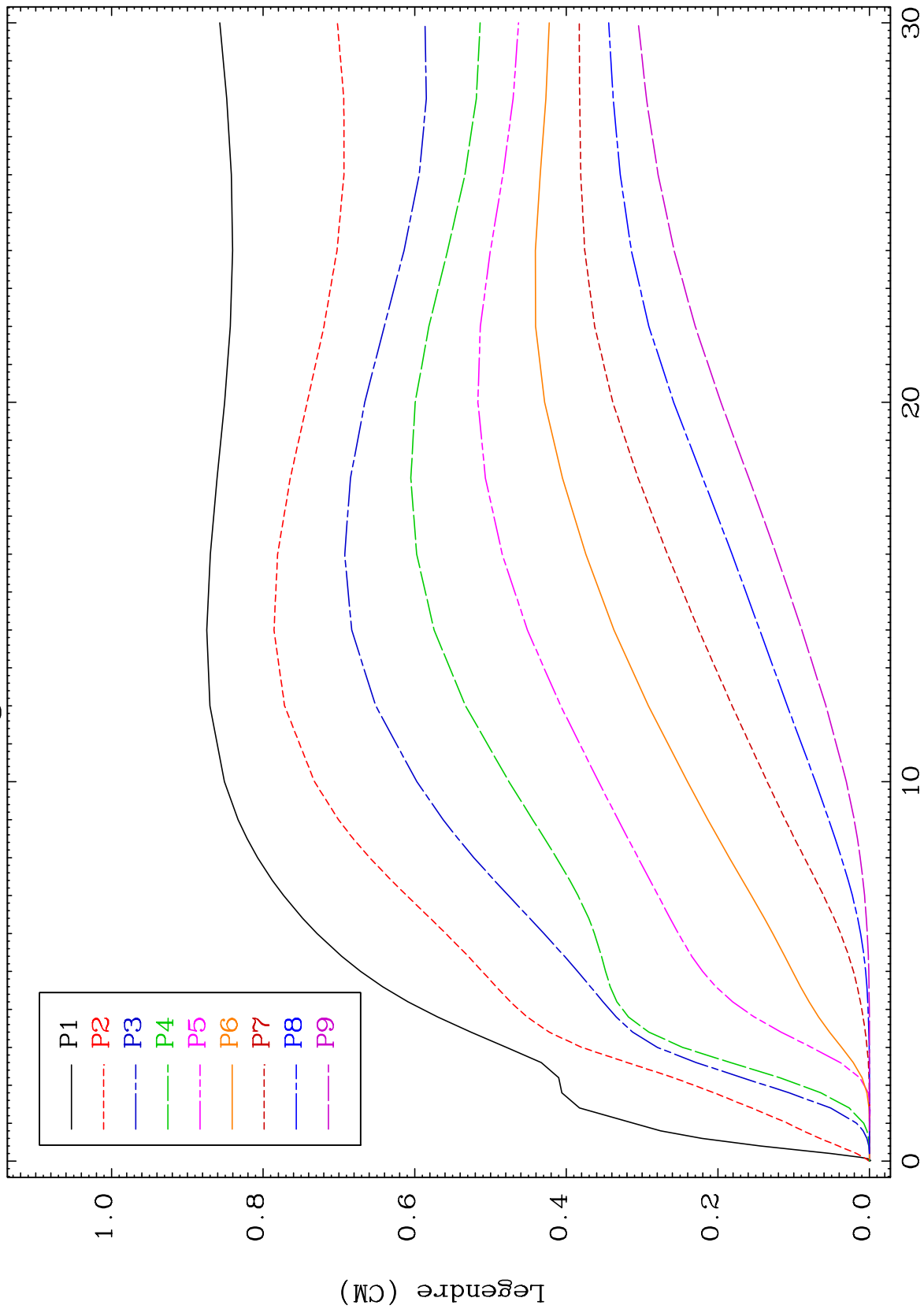




MAT 3640

Elastic Legendre Coefficients

36-Kr-83



16

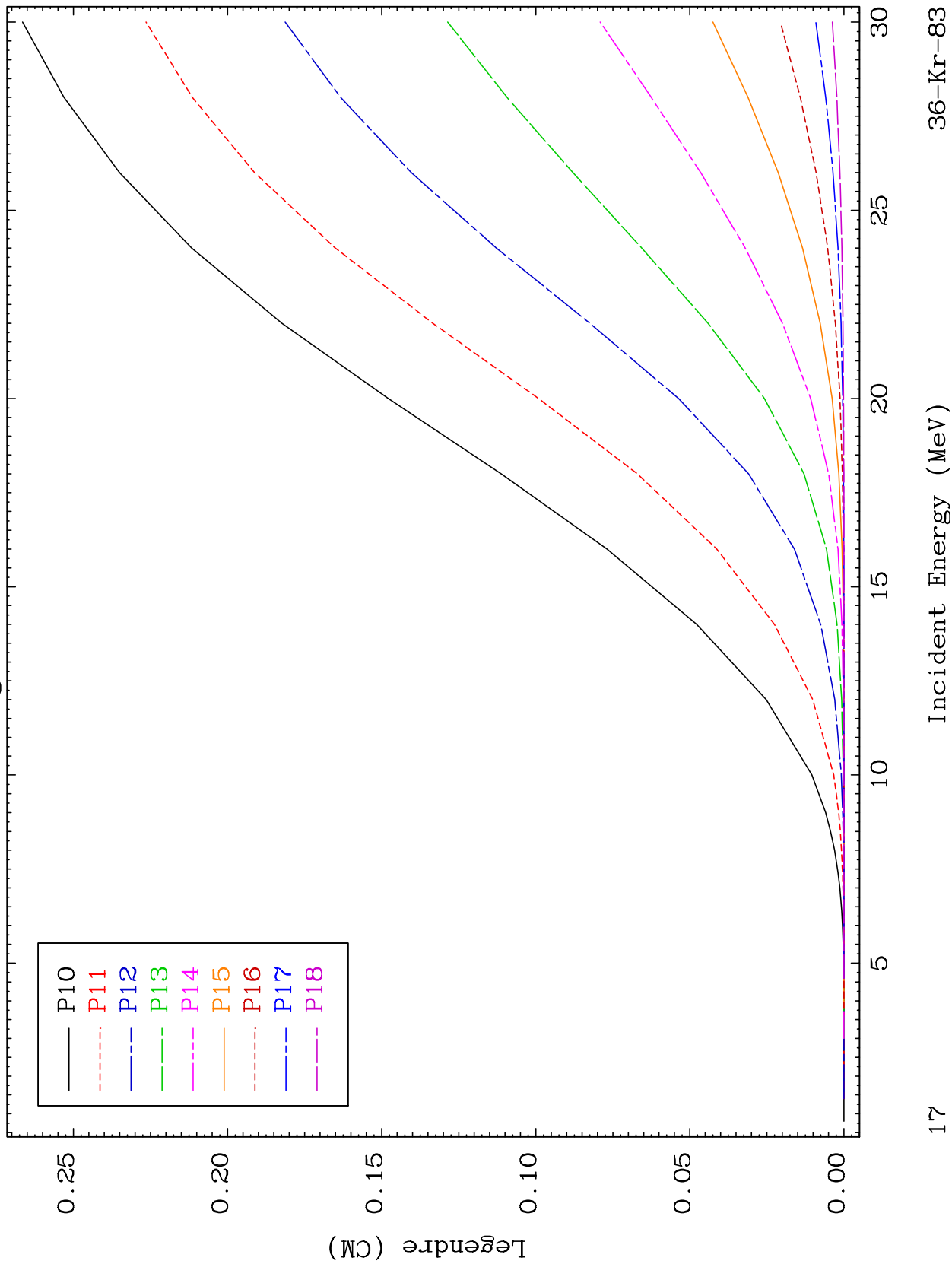
Incident Energy (MeV)

36-Kr-83

MAT 3640

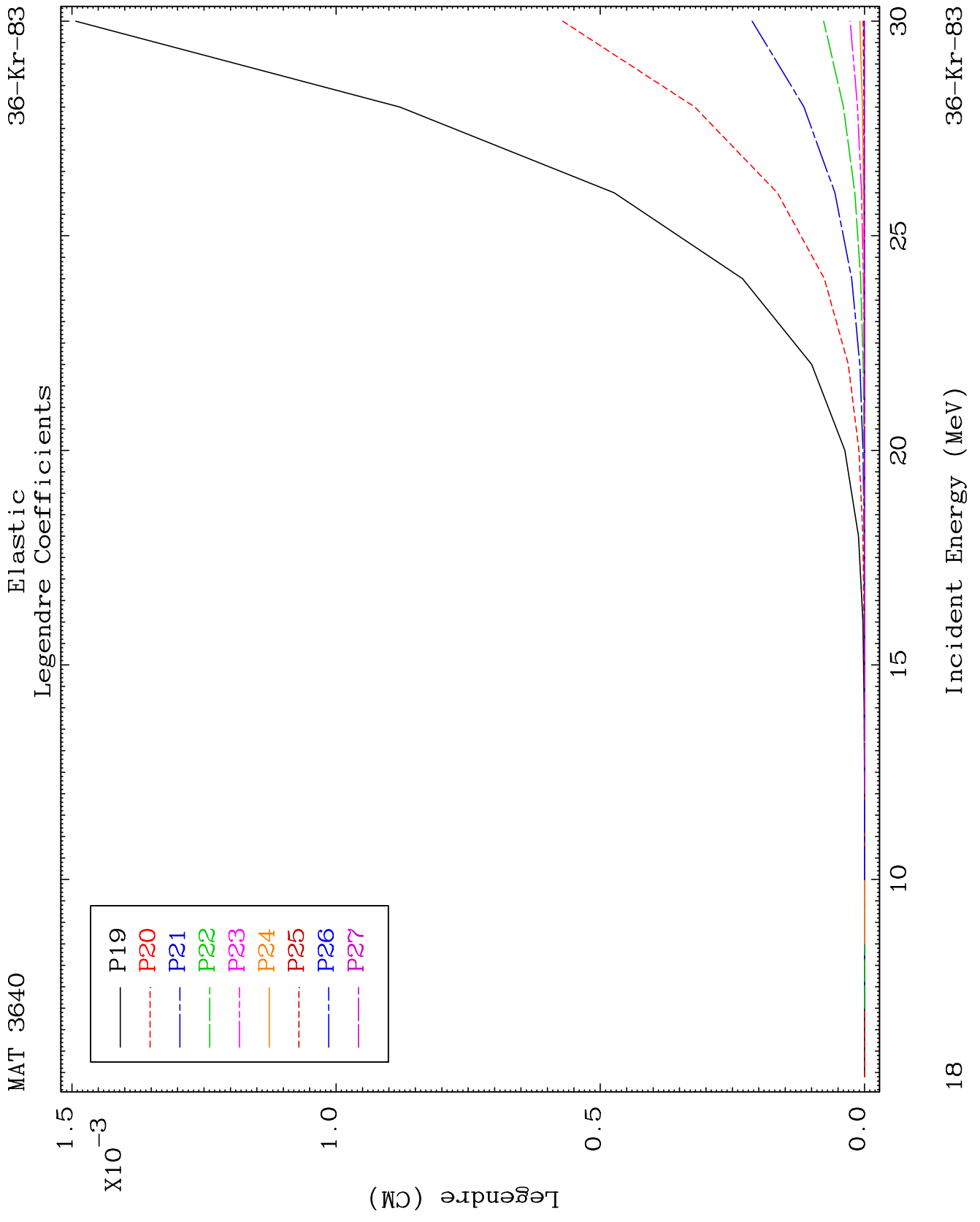
Elastic Legendre Coefficients

36-Kr-83



17

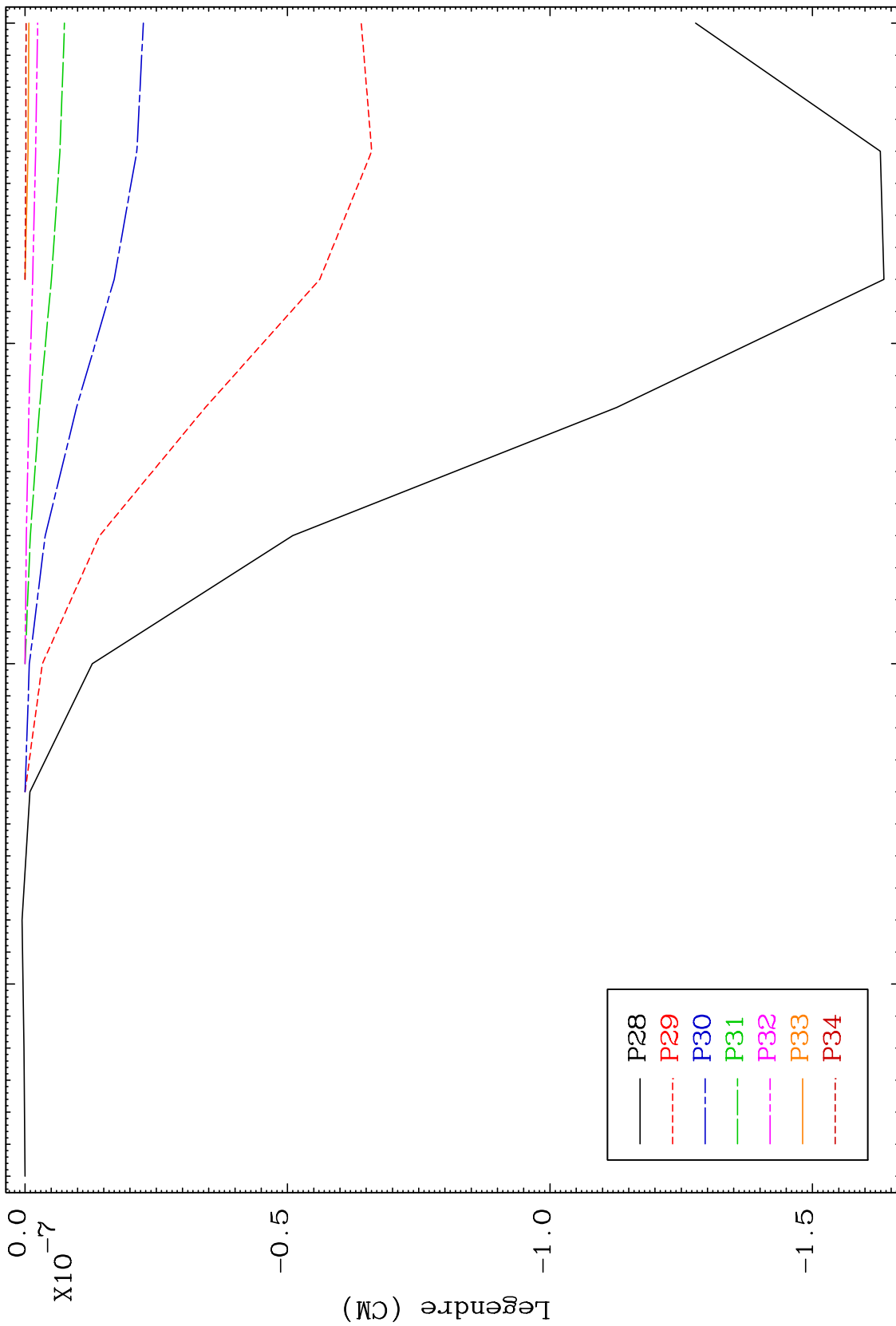
36-Kr-83



MAT 3640

36-Kr-83

Elastic Legendre Coefficients



0.0
X10⁻⁷

-0.5

-1.0

-1.5

Legendre (CM)

15

20

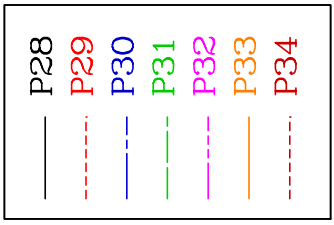
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30

19

Incident Energy (MeV)

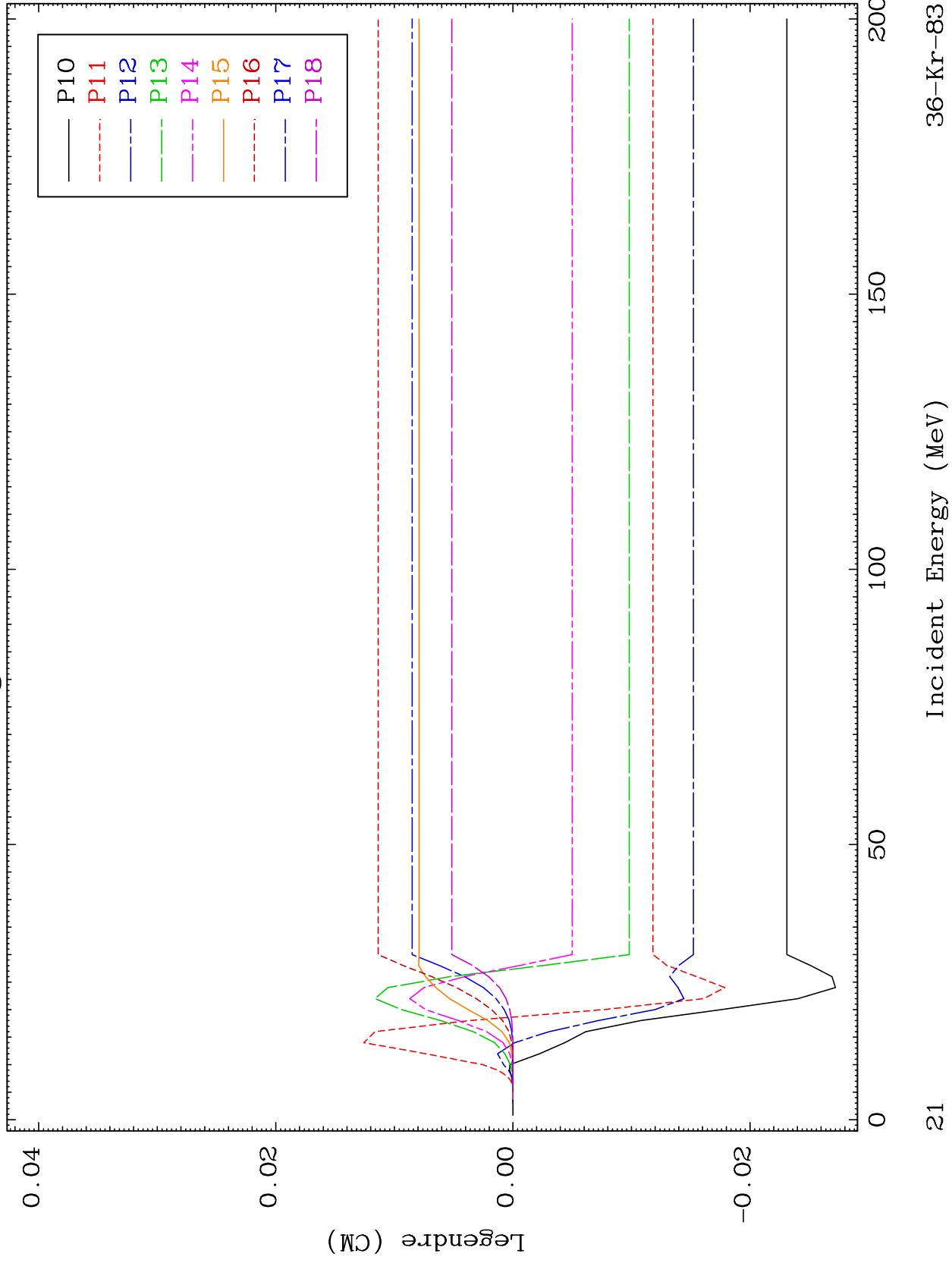
36-Kr-83



MAT 3640

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

36-Kr-83



21

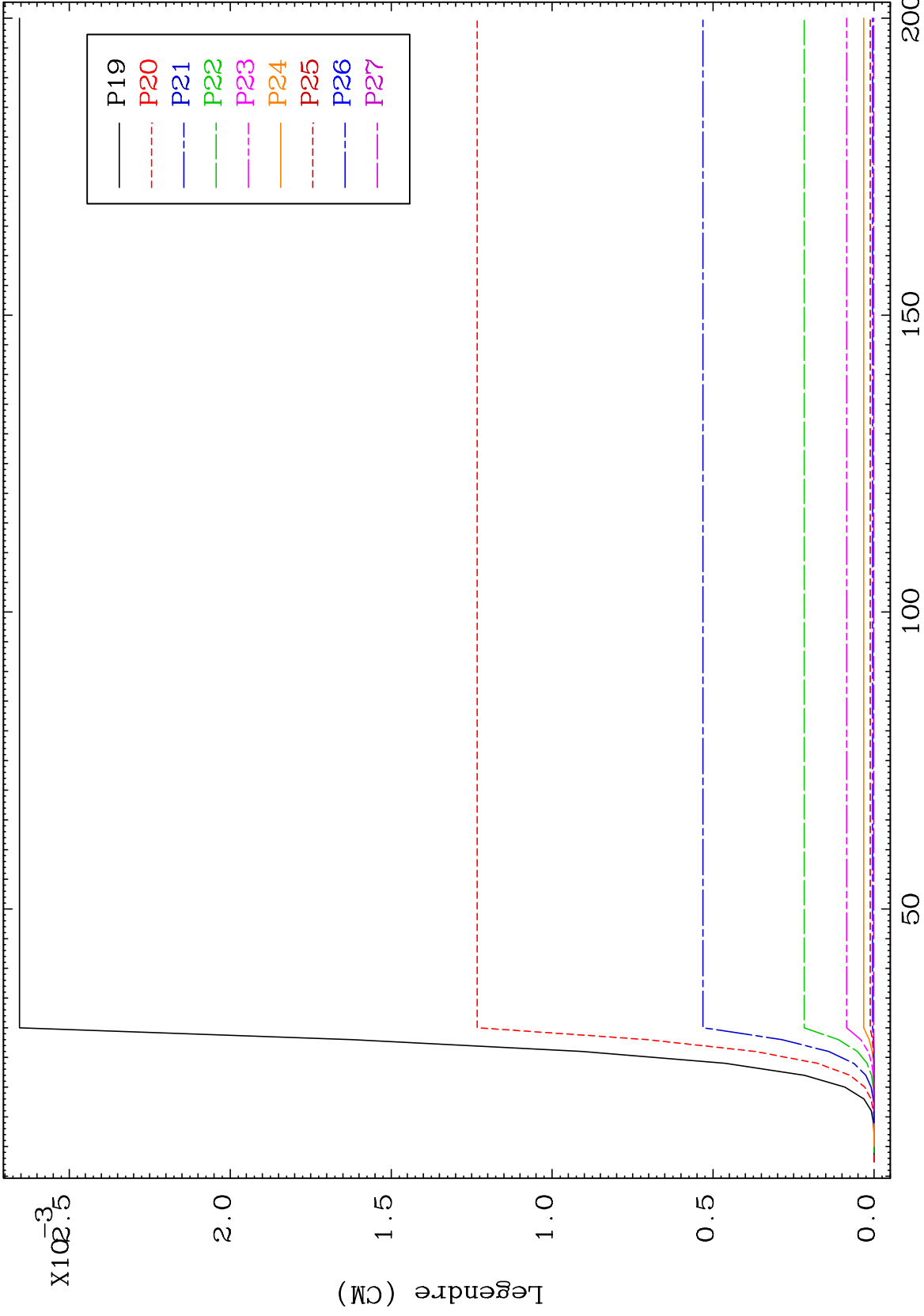
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



22

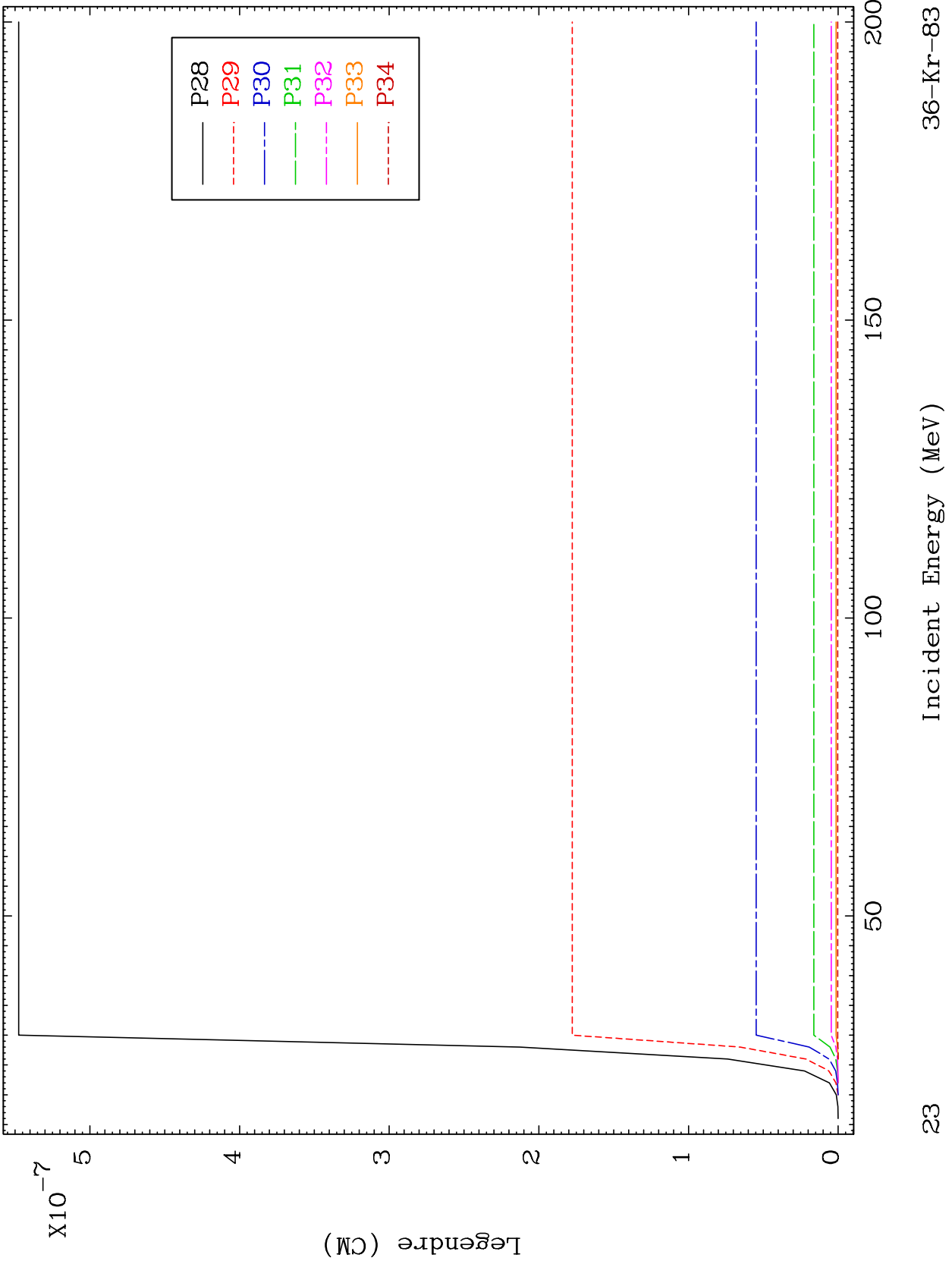
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

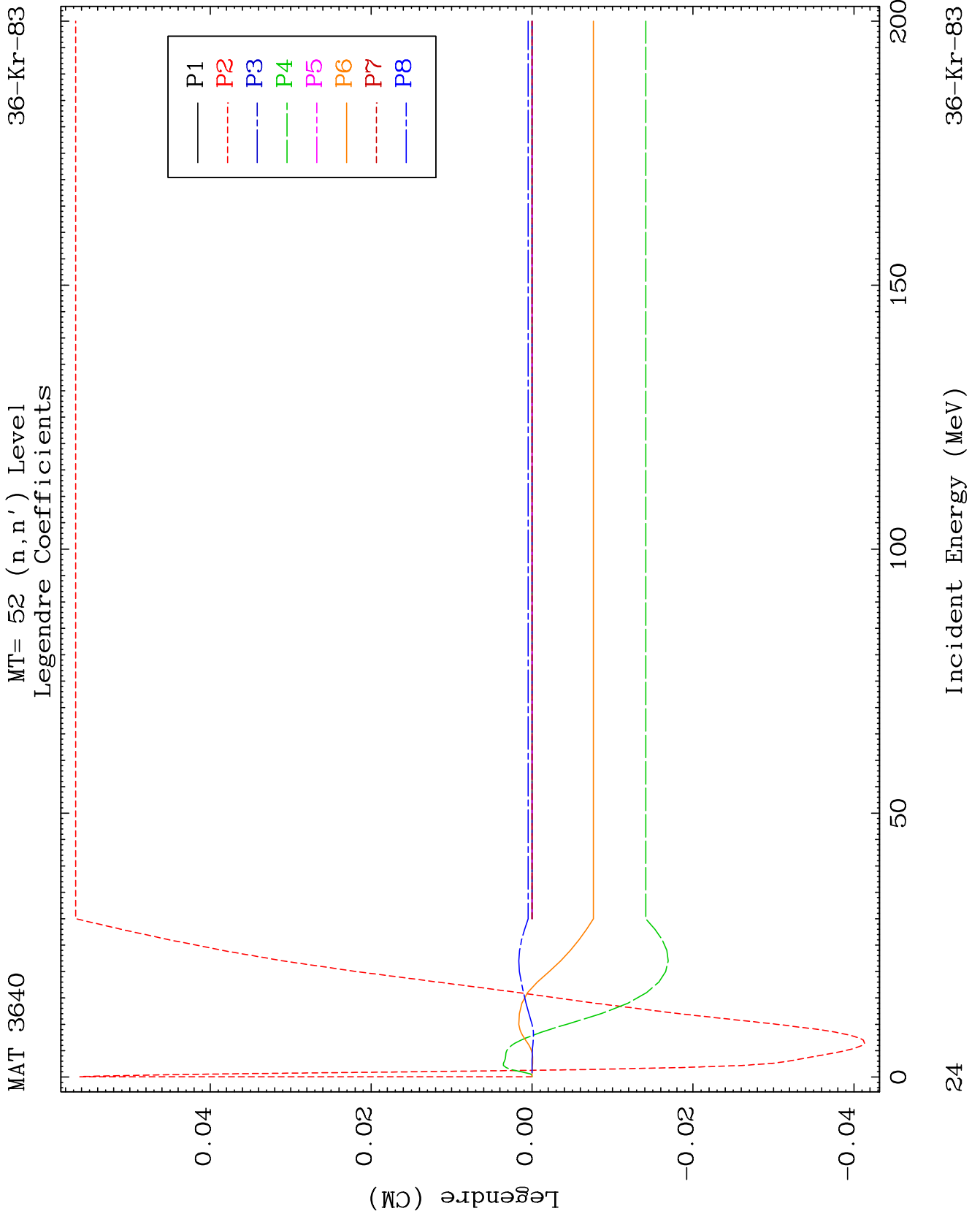
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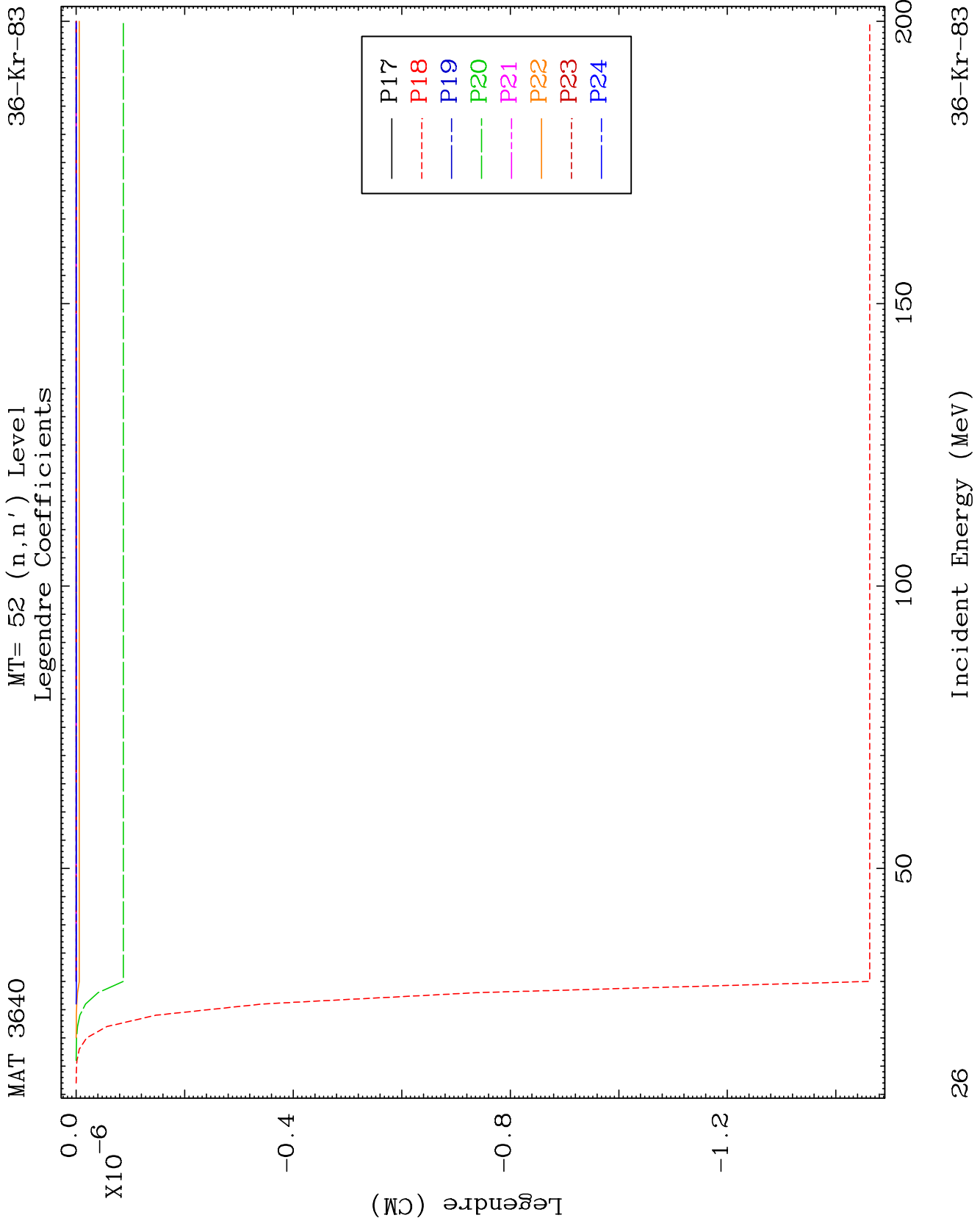


23

Incident Energy (MeV)

36-Kr-83

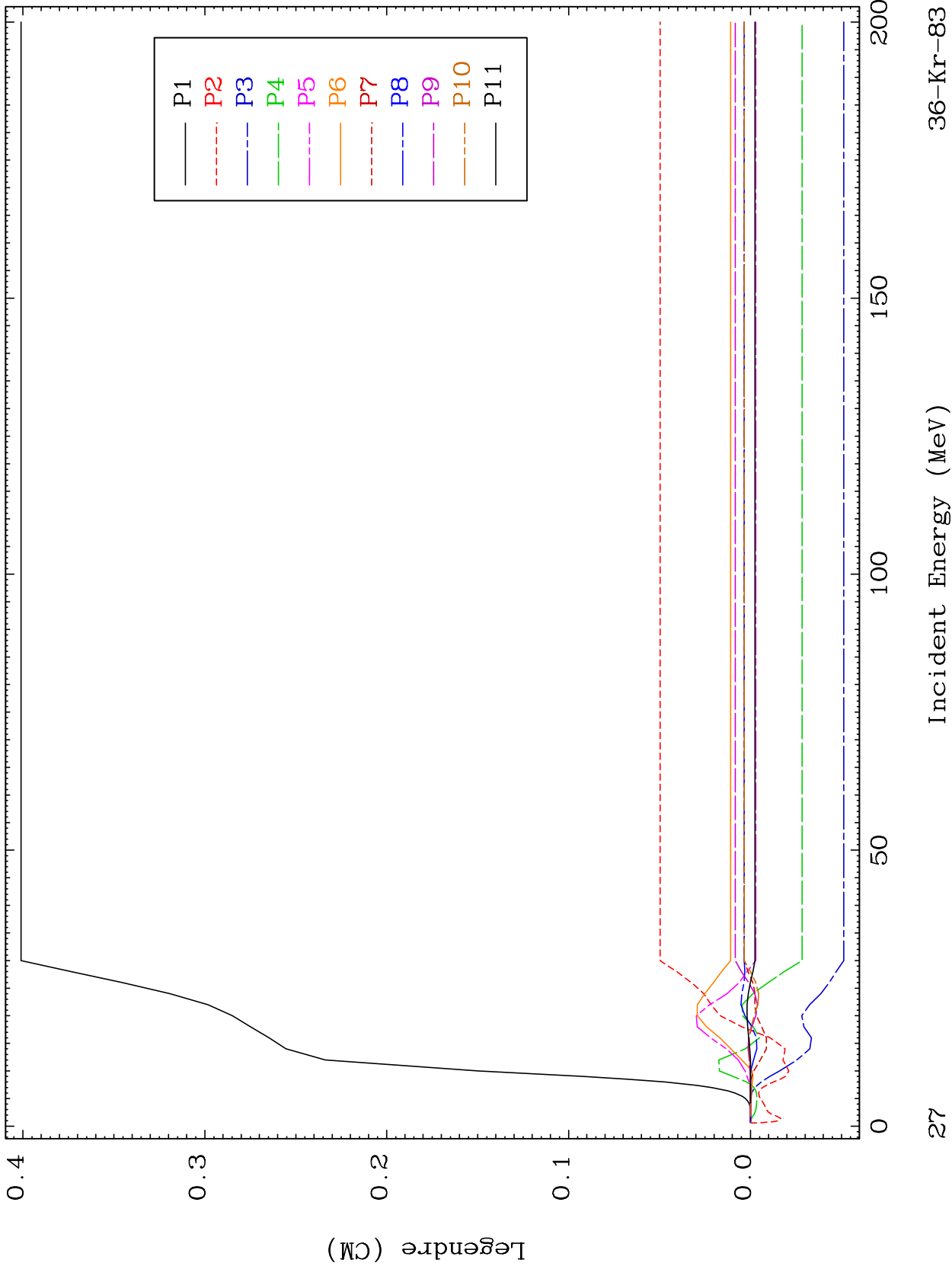




MAT 3640

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

36-Kr-83



36-Kr-83

Incident Energy (MeV)

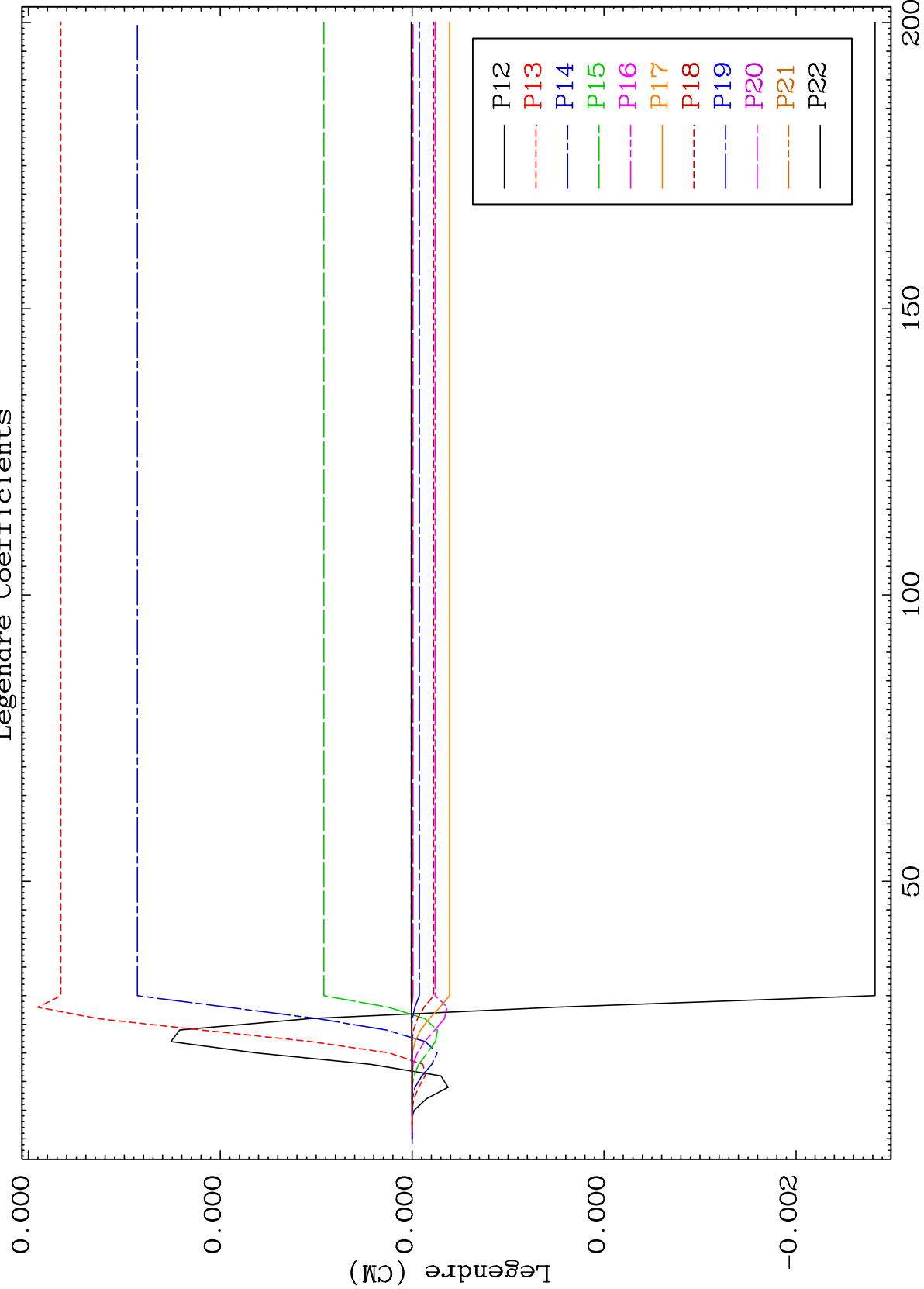
27

MAT 3640

MT= 53 (n,n') Level

36-Kr-83

Legendre Coefficients



36-Kr-83

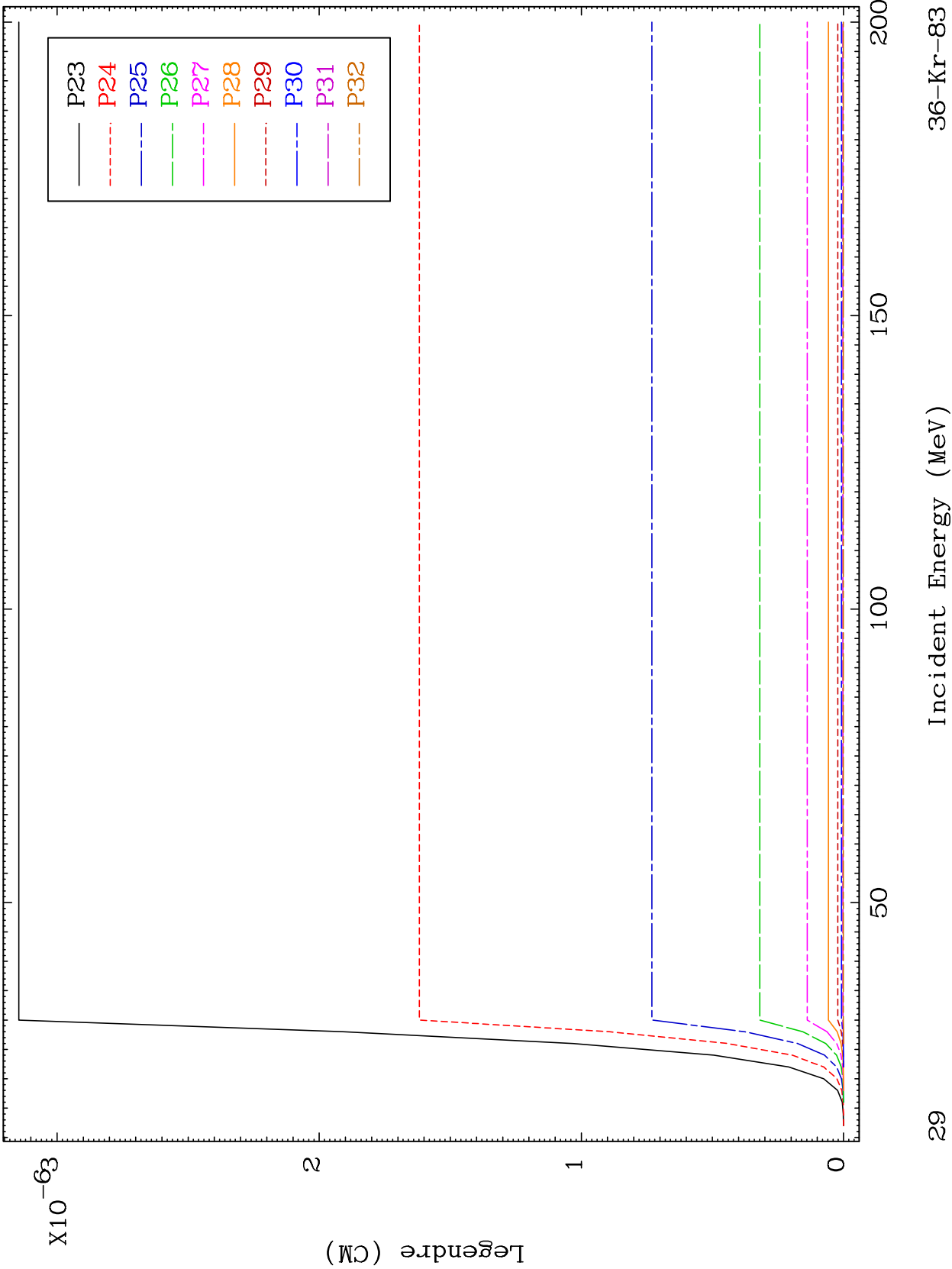
Incident Energy (MeV)

28

MAT 3640

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

36-Kr-83



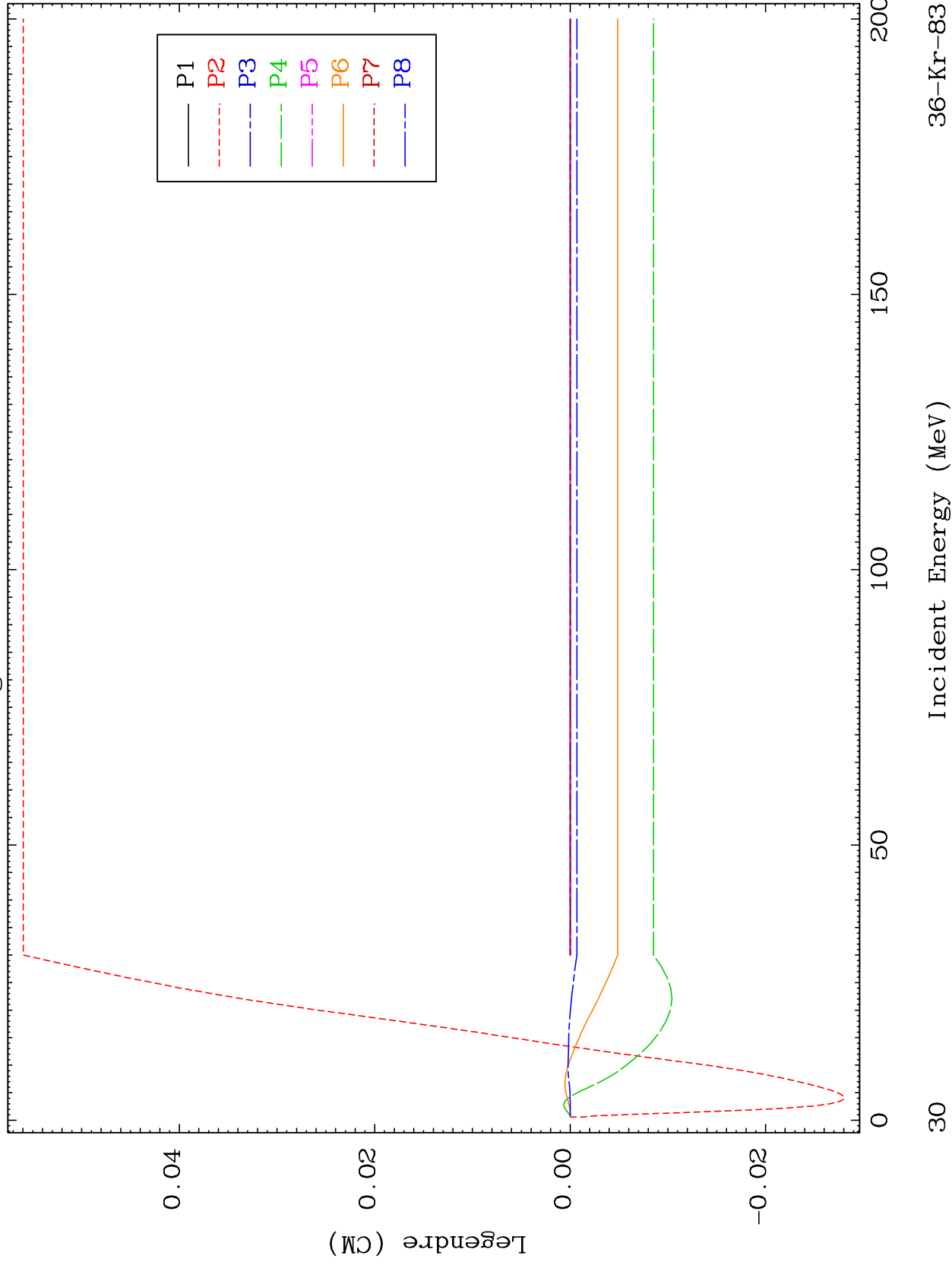
29

36-Kr-83

MAT 3640

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

36-Kr-83



36-Kr-83

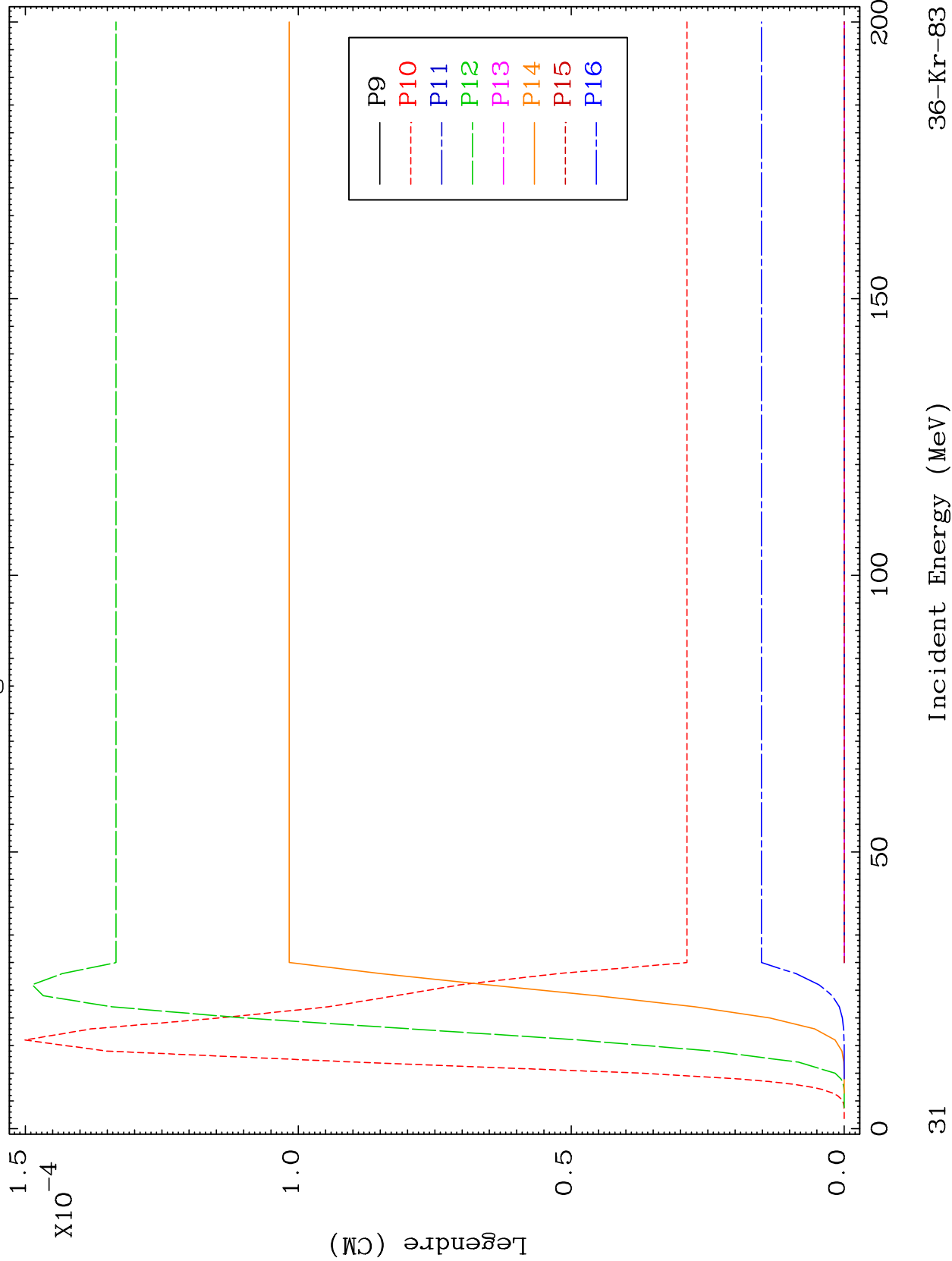
Incident Energy (MeV)

30

MAT 3640

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

36-Kr-83



31

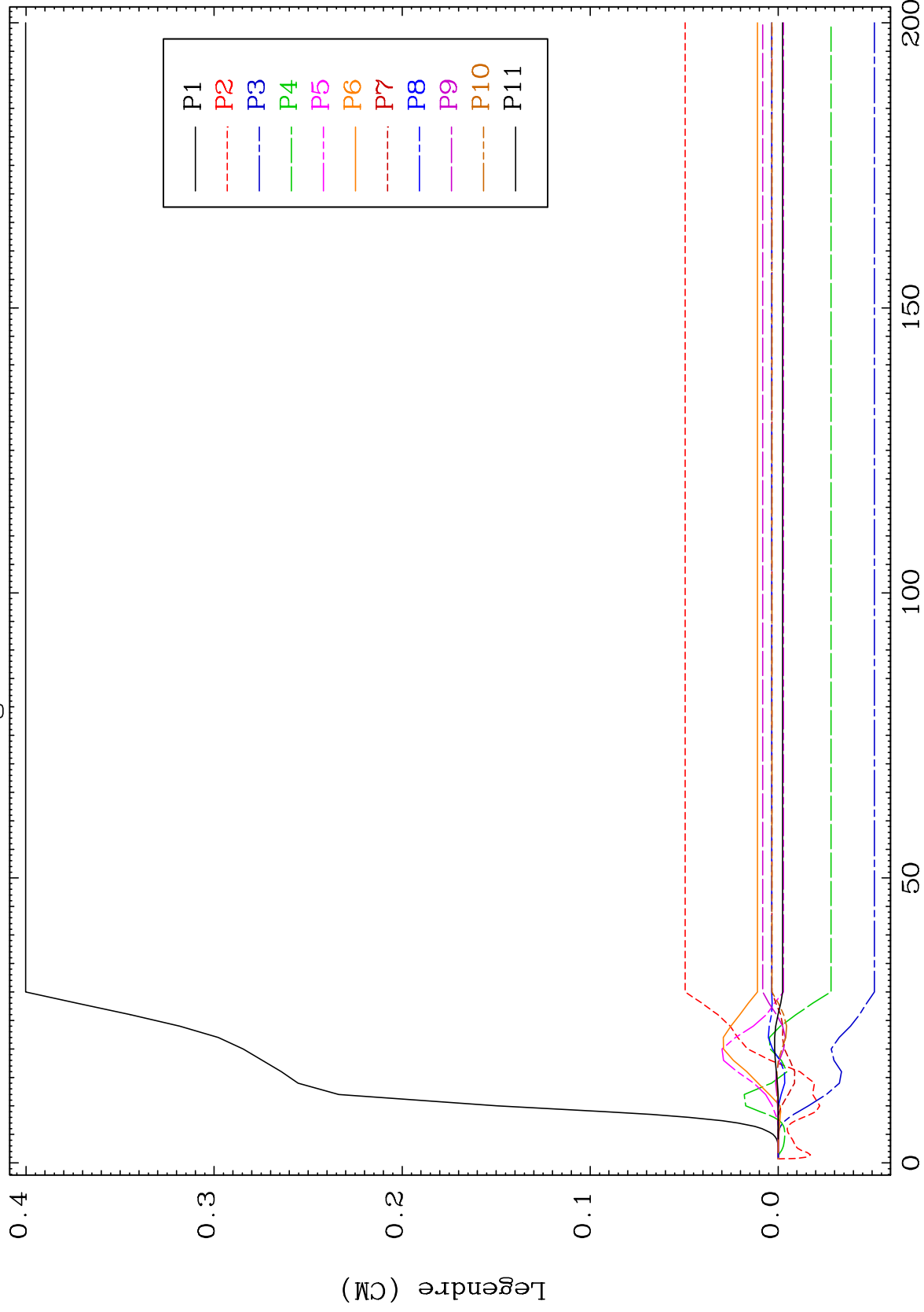
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

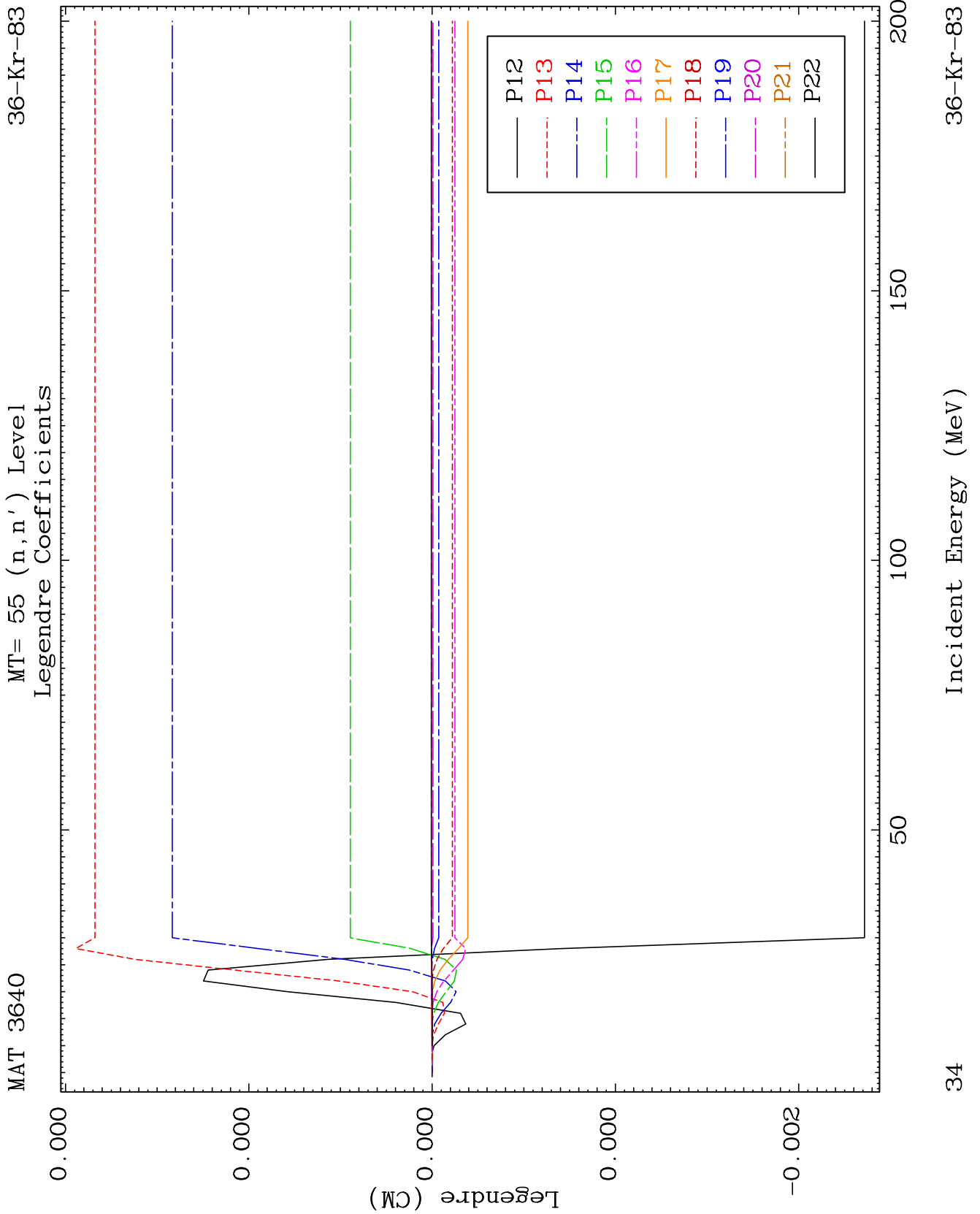
36-Kr-83



33

Incident Energy (MeV)

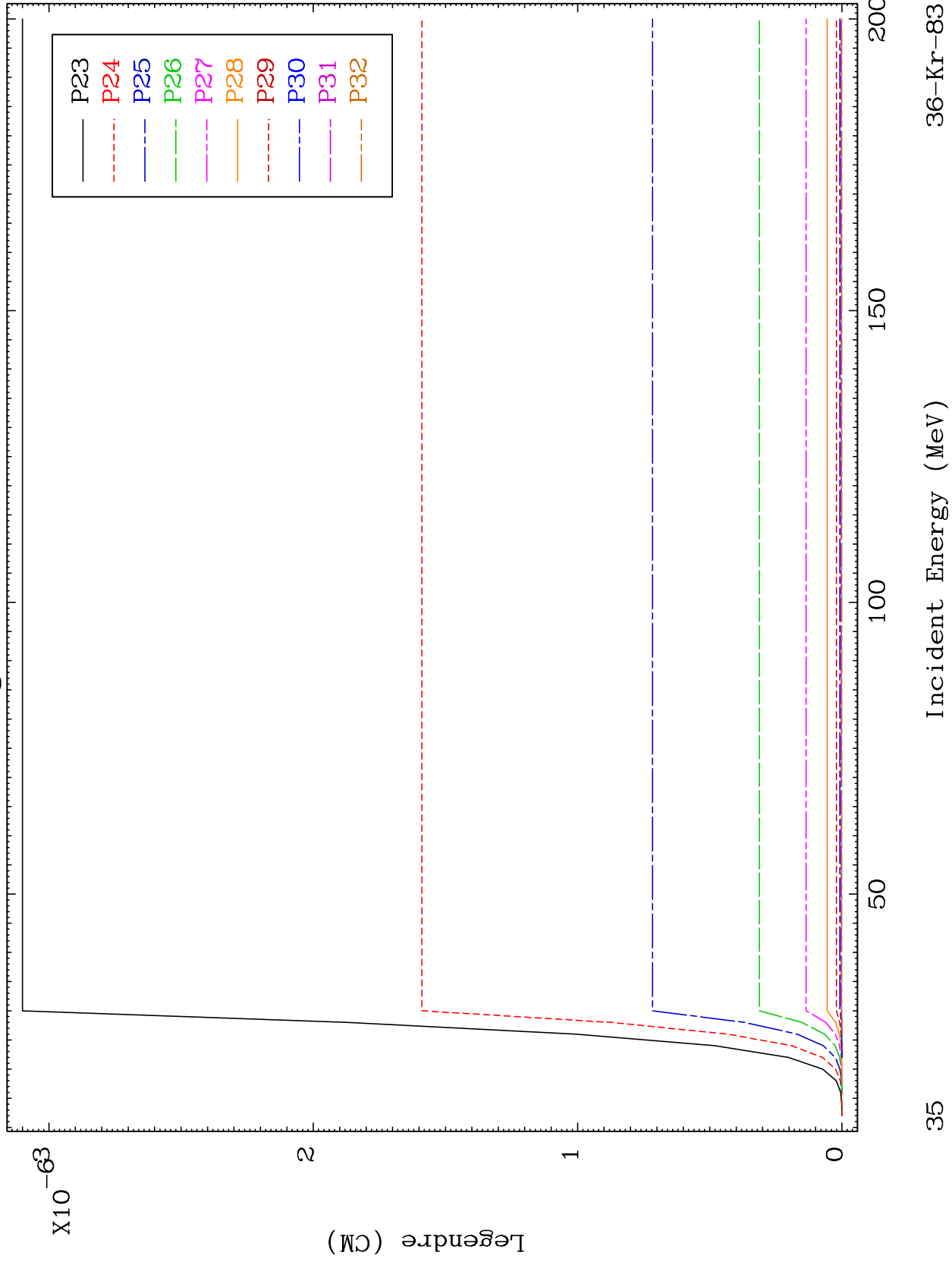
36-Kr-83



MAT 3640

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

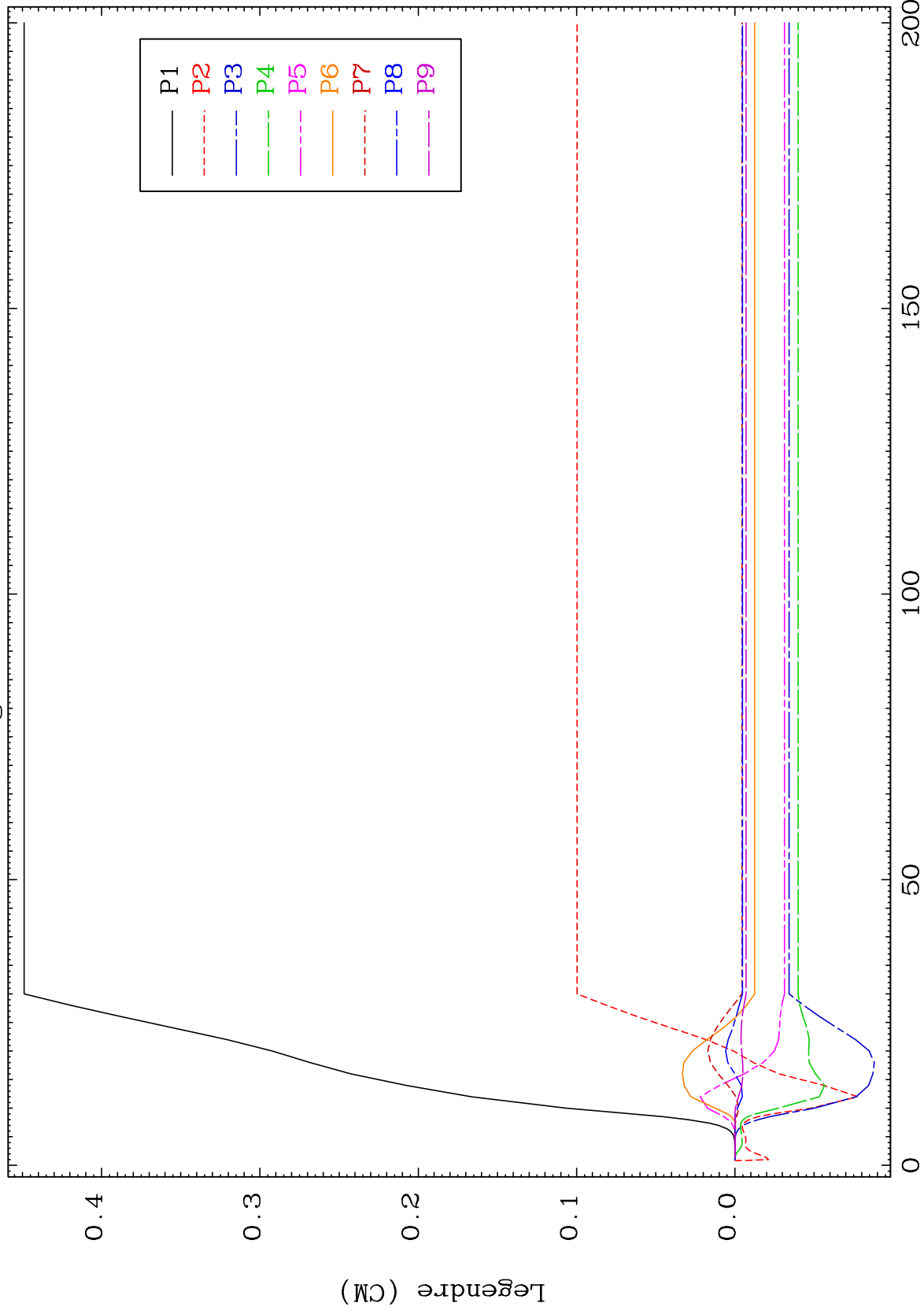
36-Kr-83



MAT 3640

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

36-Kr-83



36

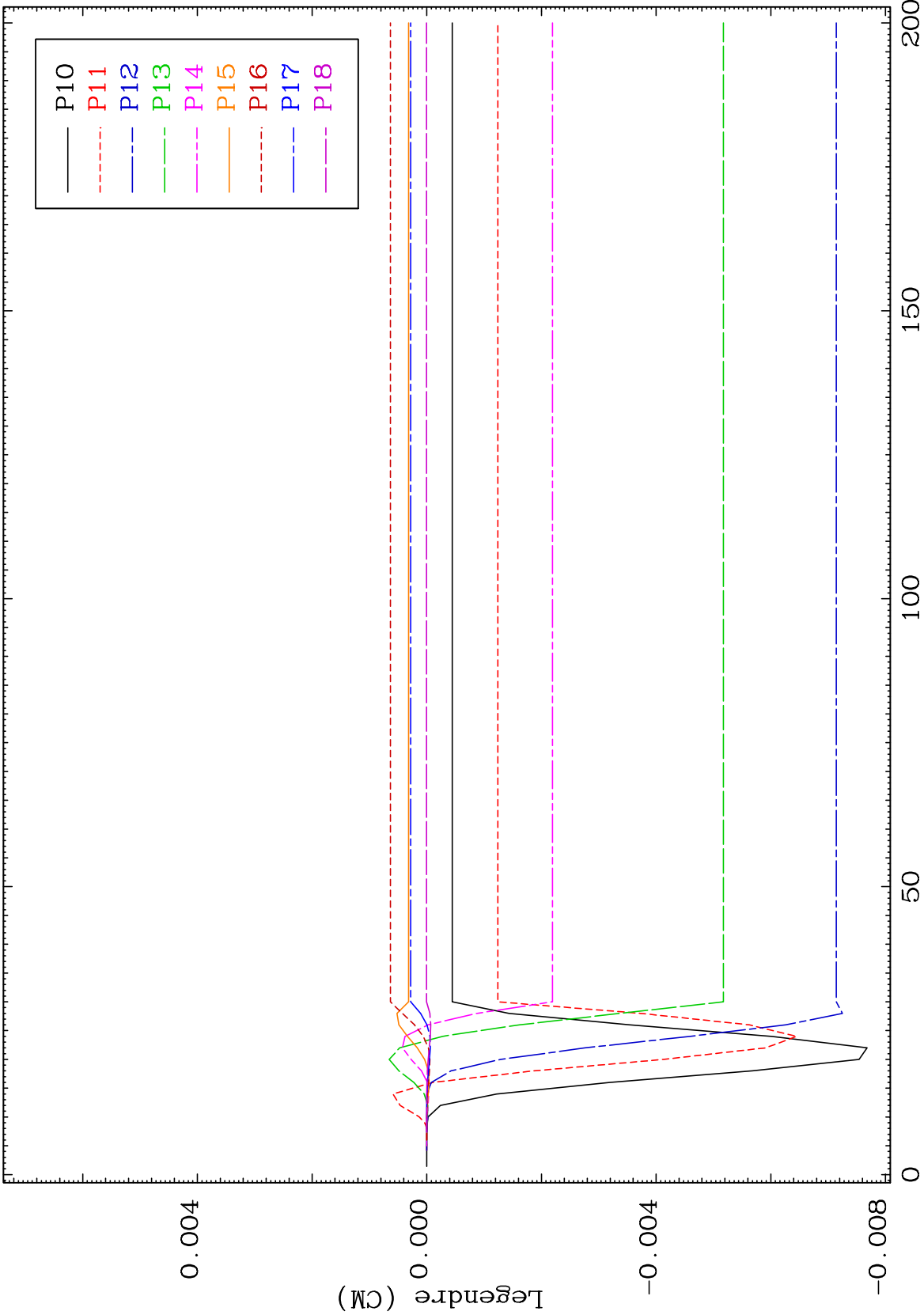
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



37

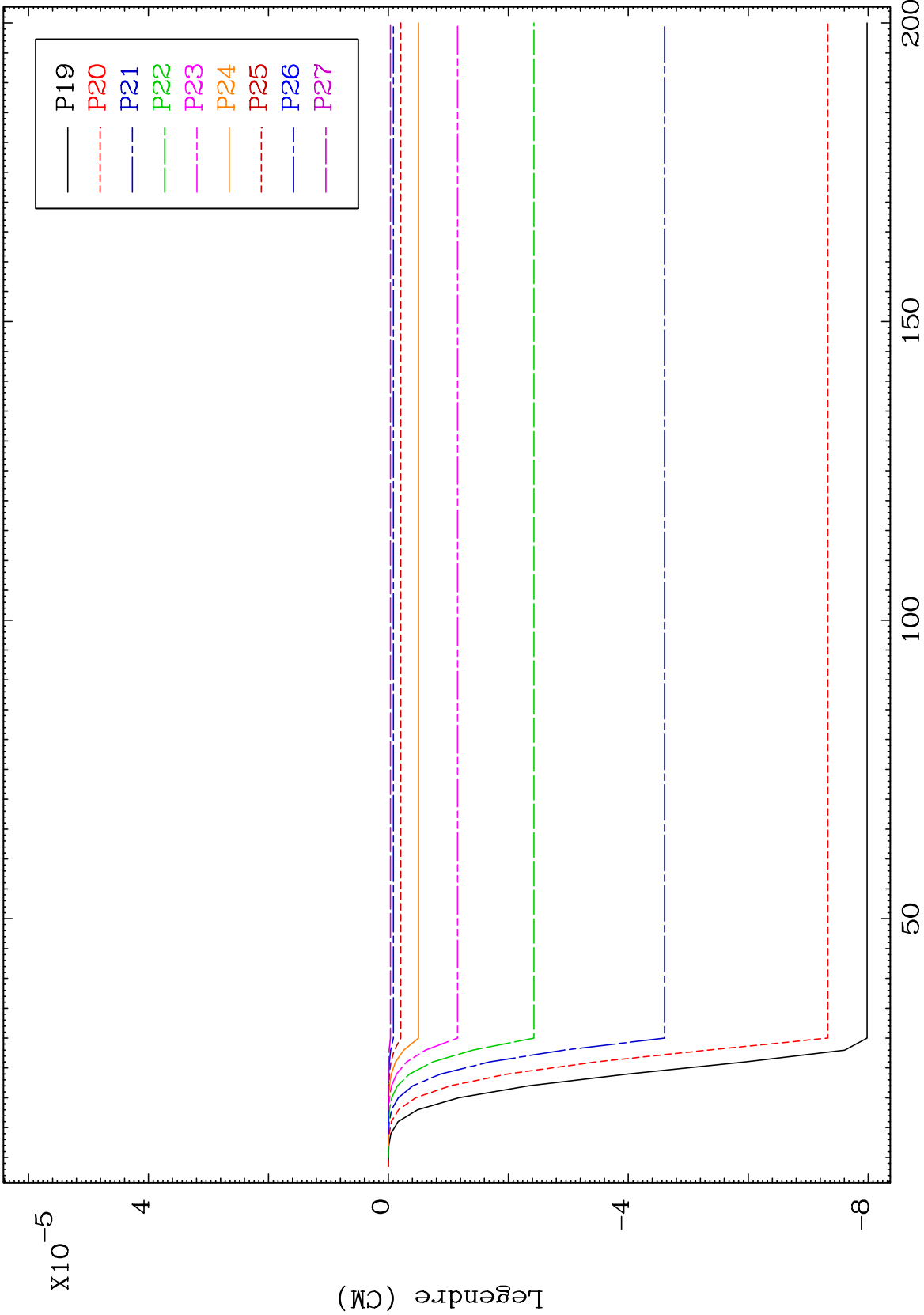
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



38

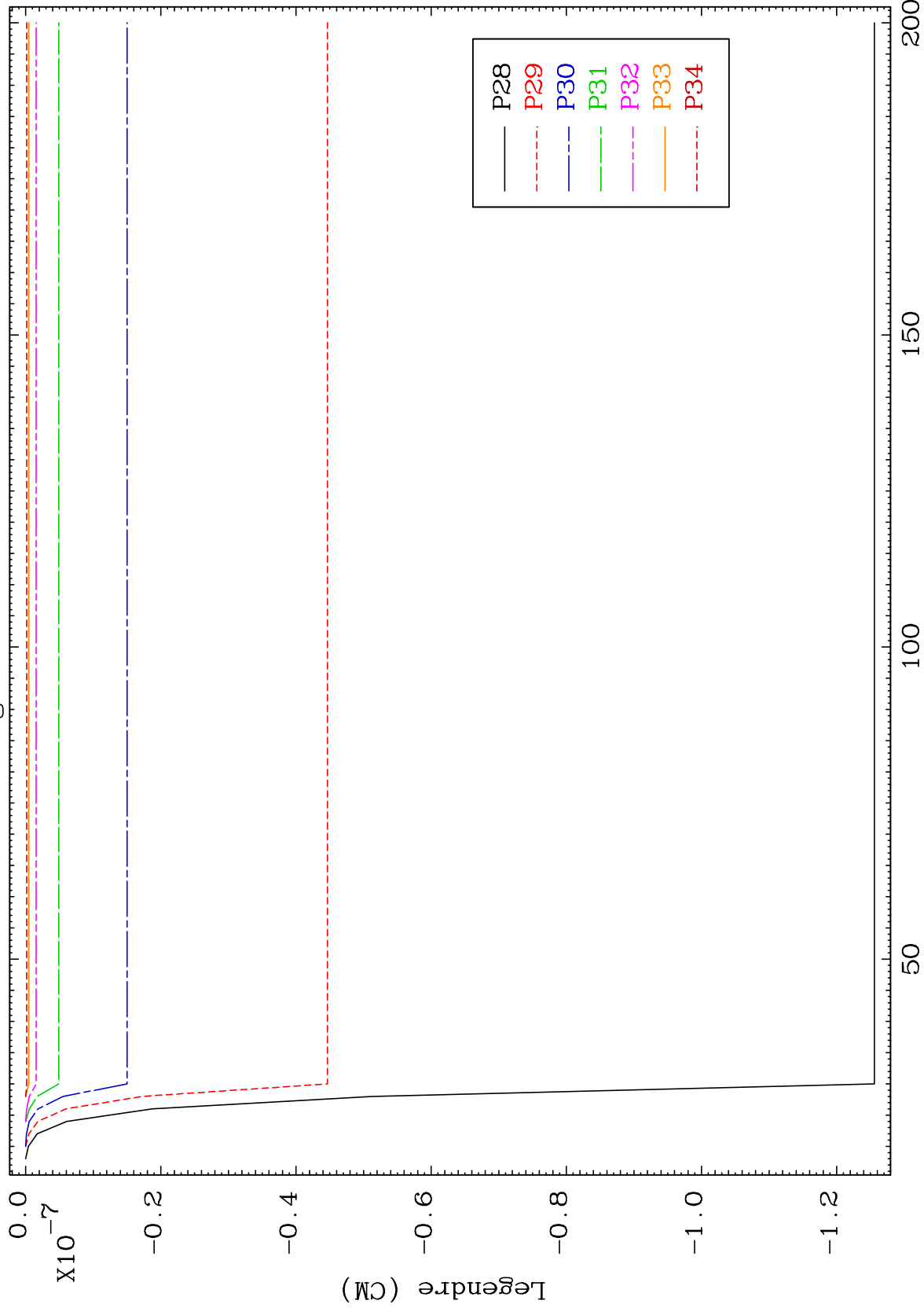
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



36-Kr-83

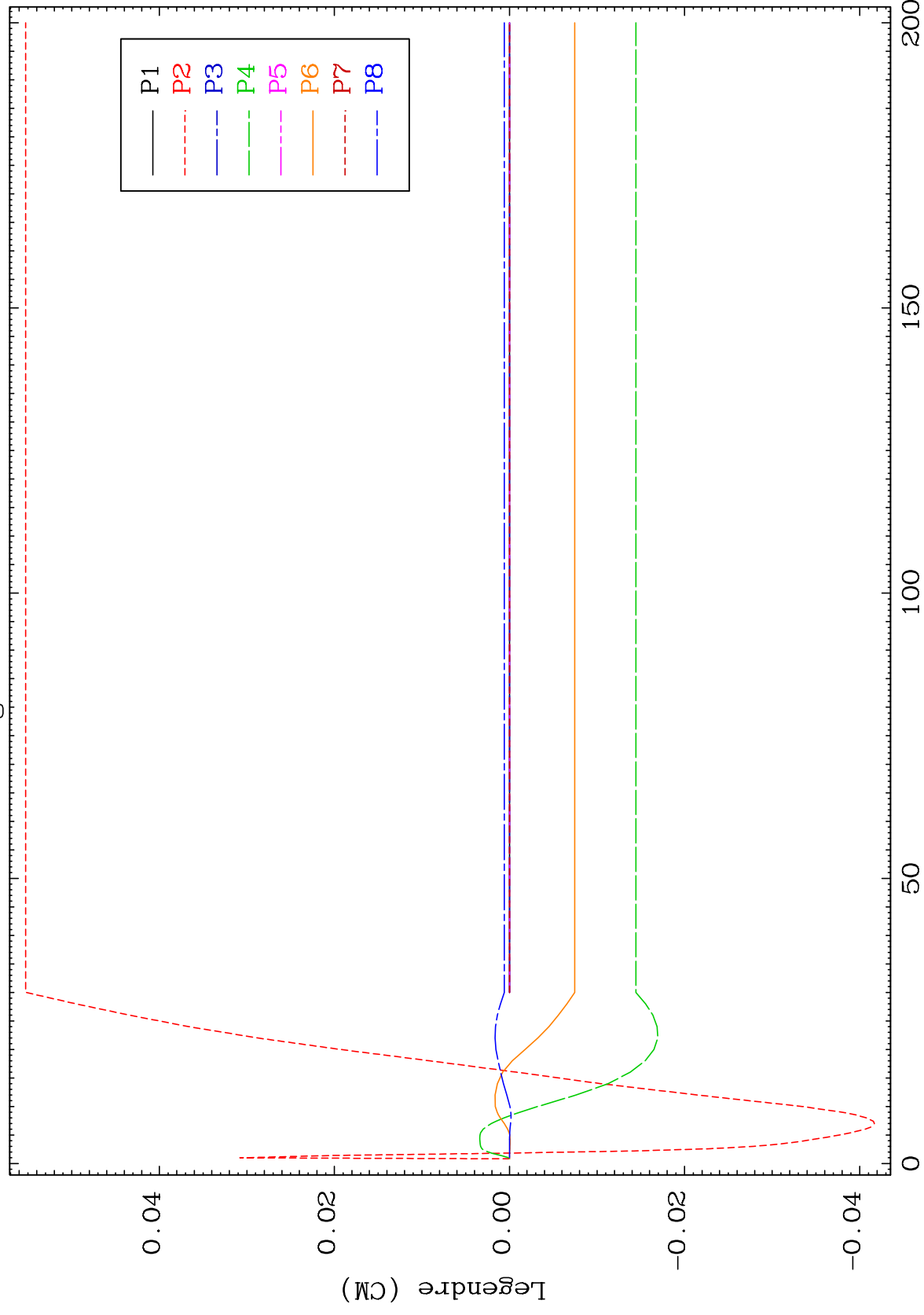
Incident Energy (MeV)

39

MAT 3640

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

36-Kr-83



36-Kr-83

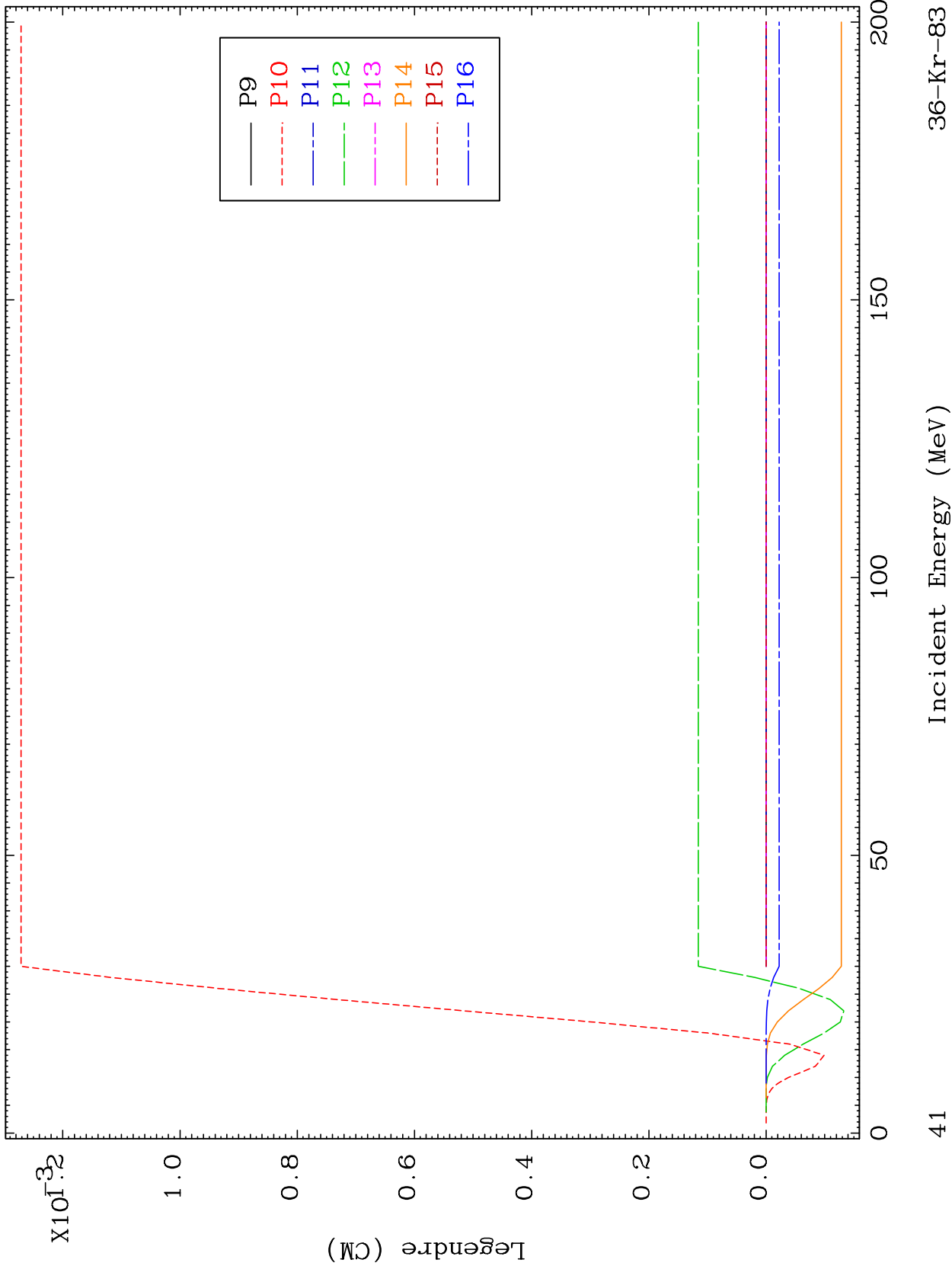
Incident Energy (MeV)

40

MAT 3640

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

36-Kr-83

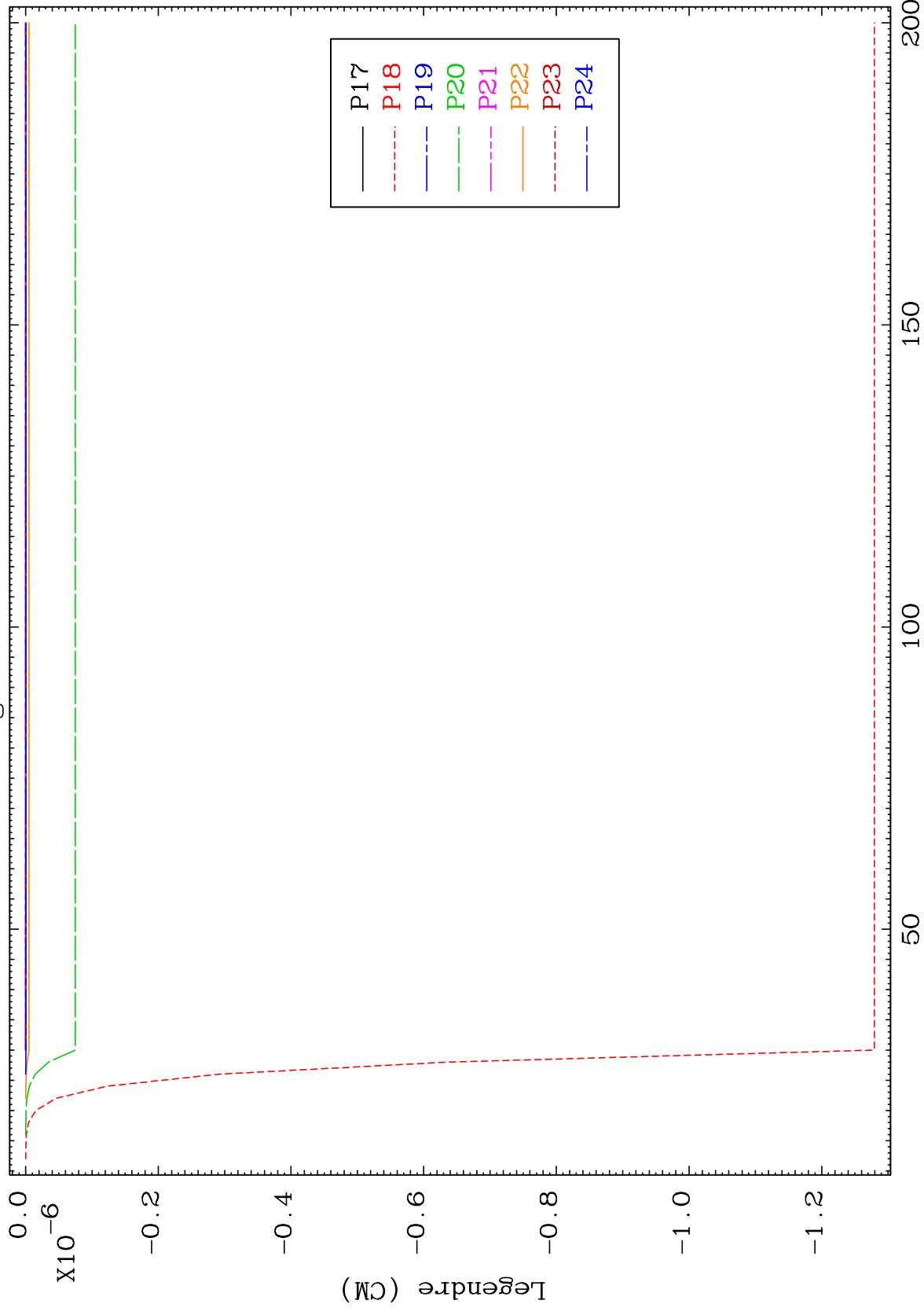


36-Kr-83

MAT 3640

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

36-Kr-83



36-Kr-83

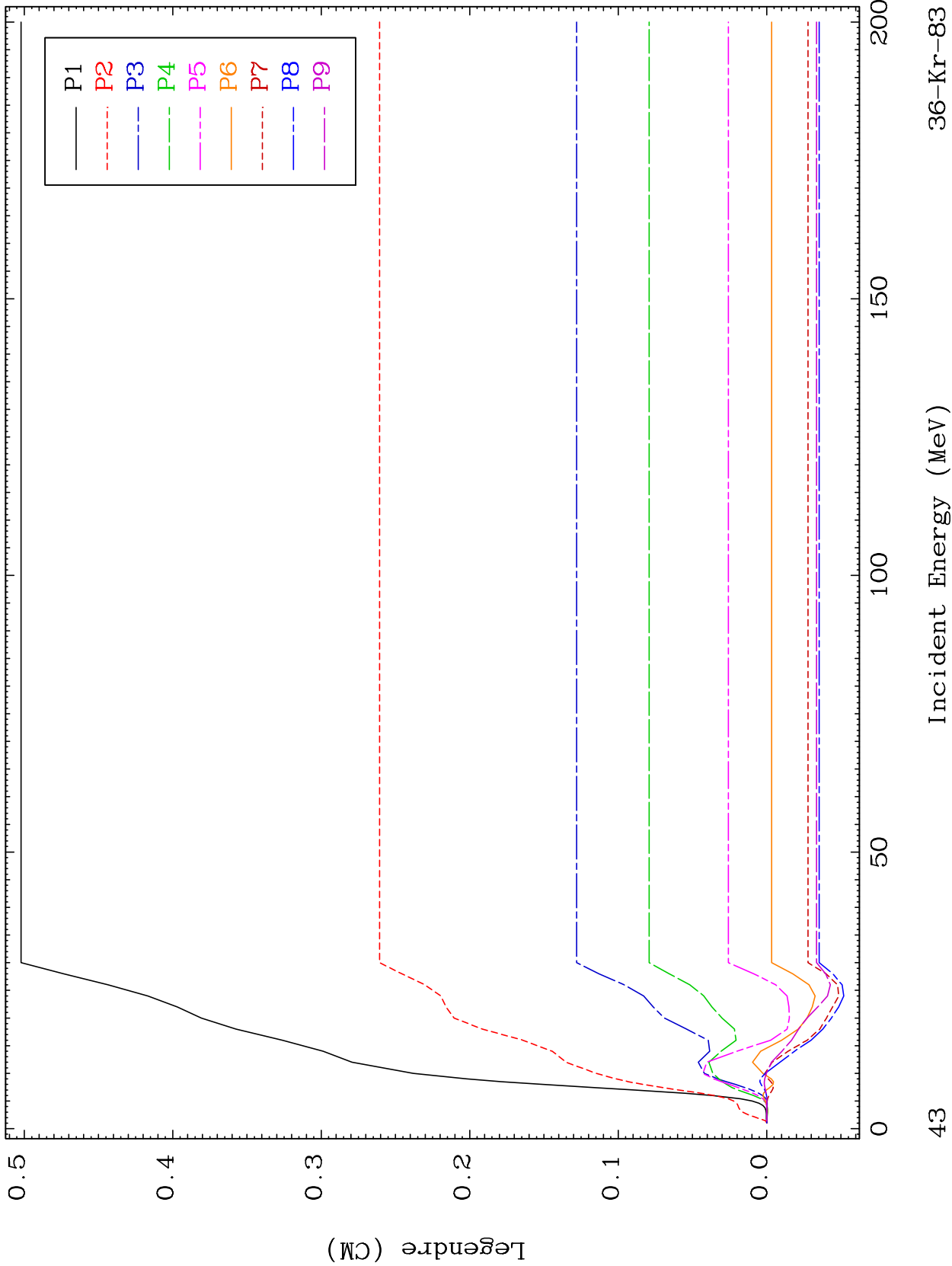
Incident Energy (MeV)

42

MAT 3640

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

36-Kr-83



36-Kr-83

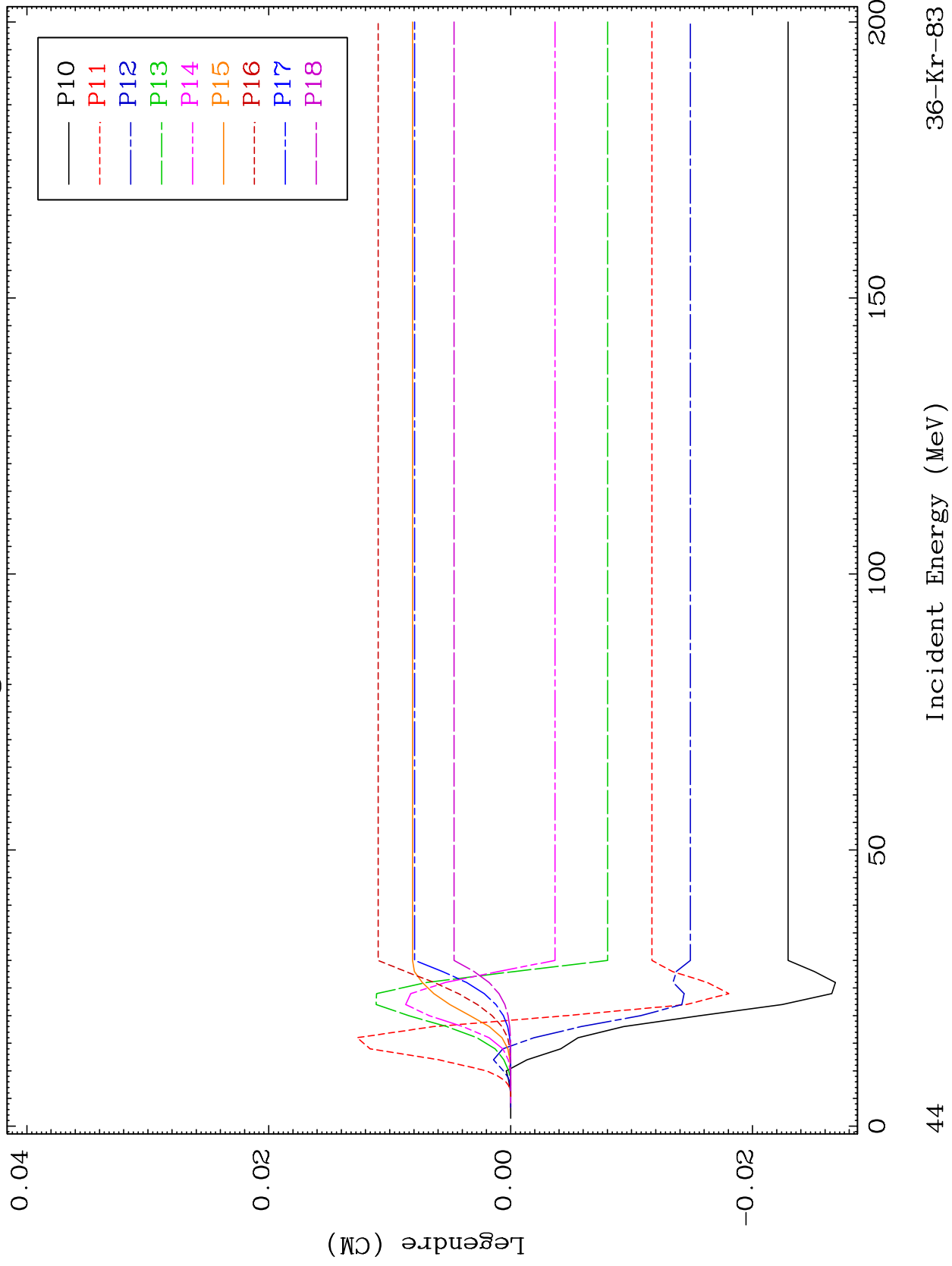
Incident Energy (MeV)

43

MAT 3640

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

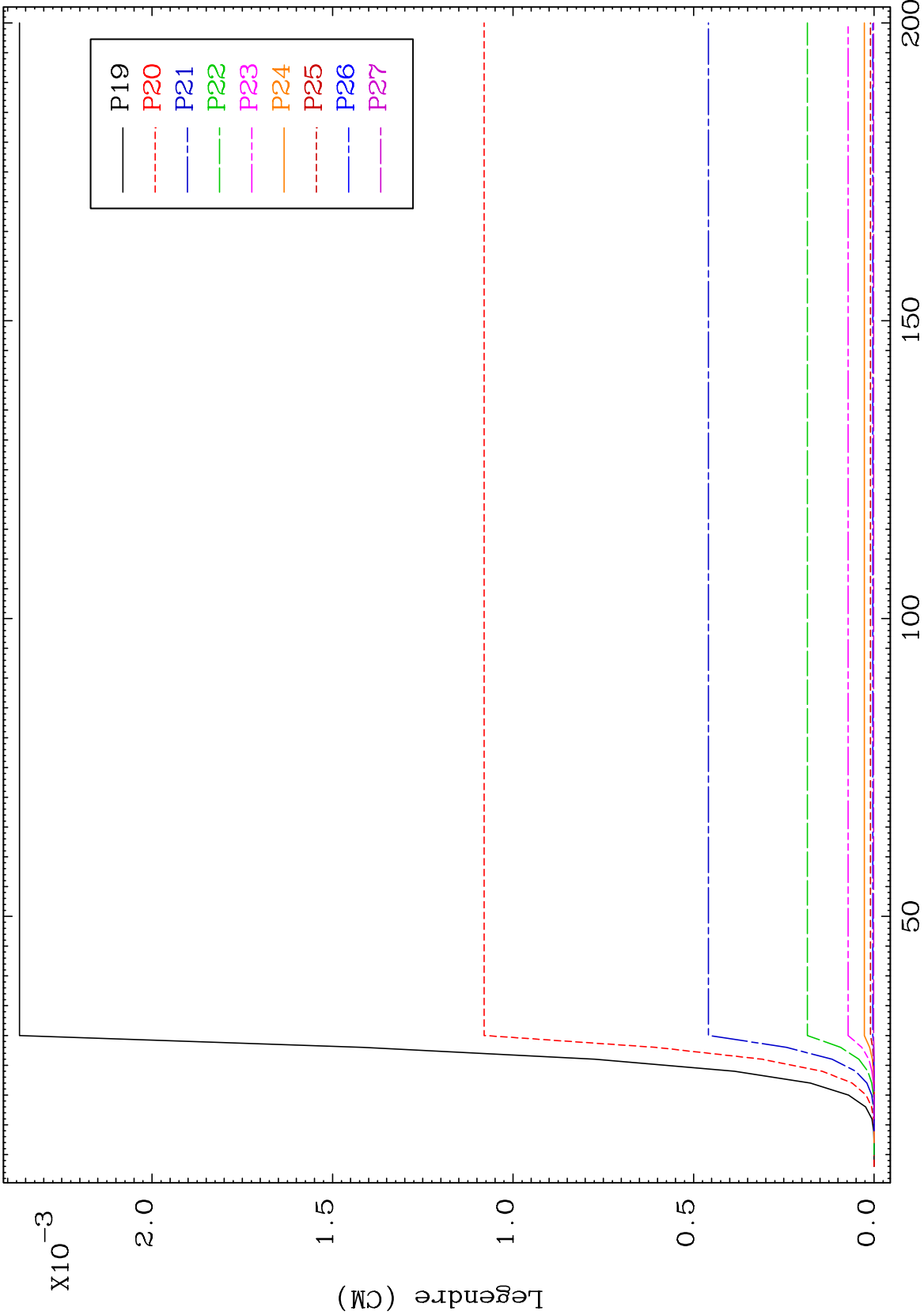
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MAT 3640

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

36-Kr-83



45

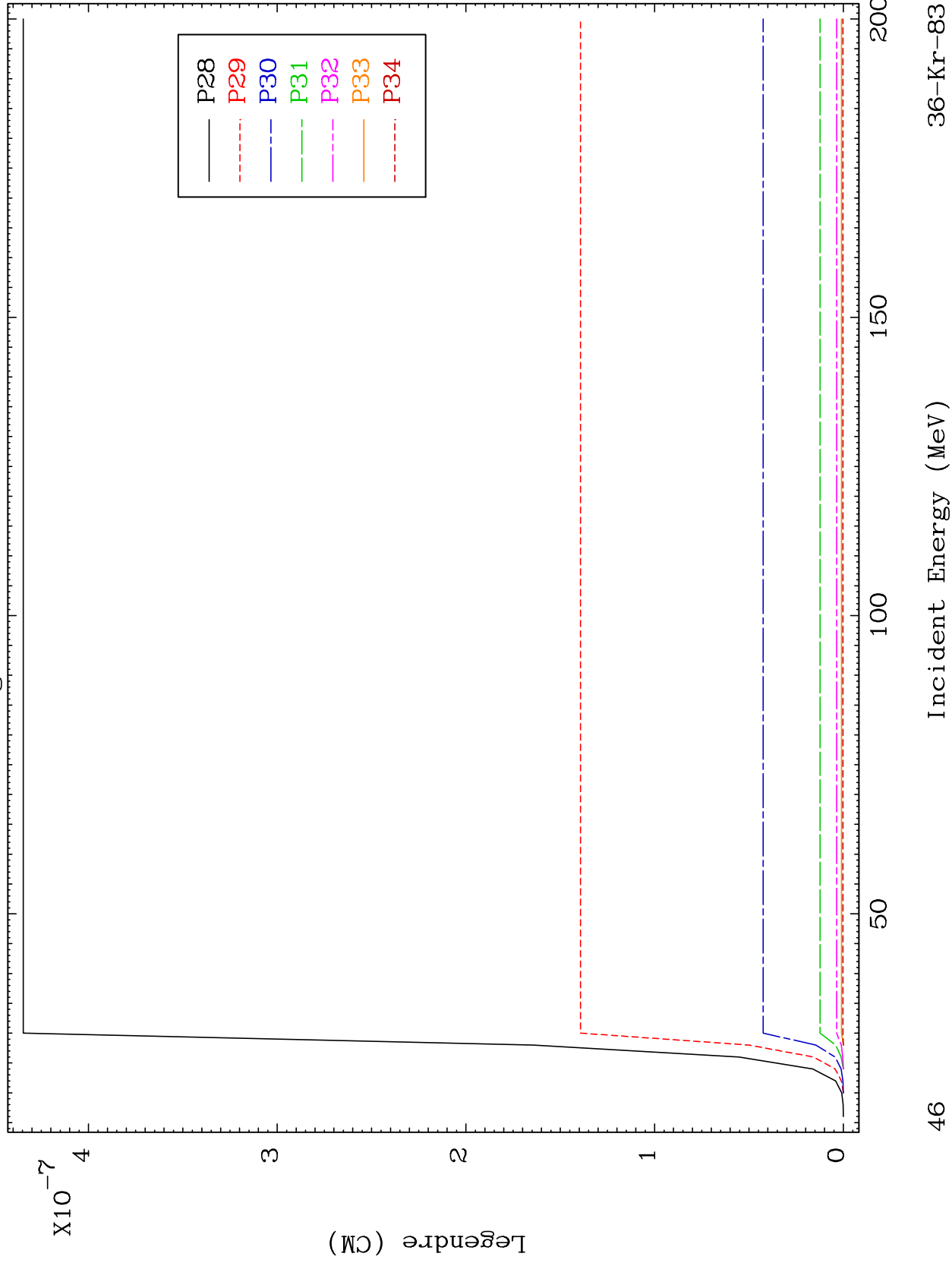
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



46

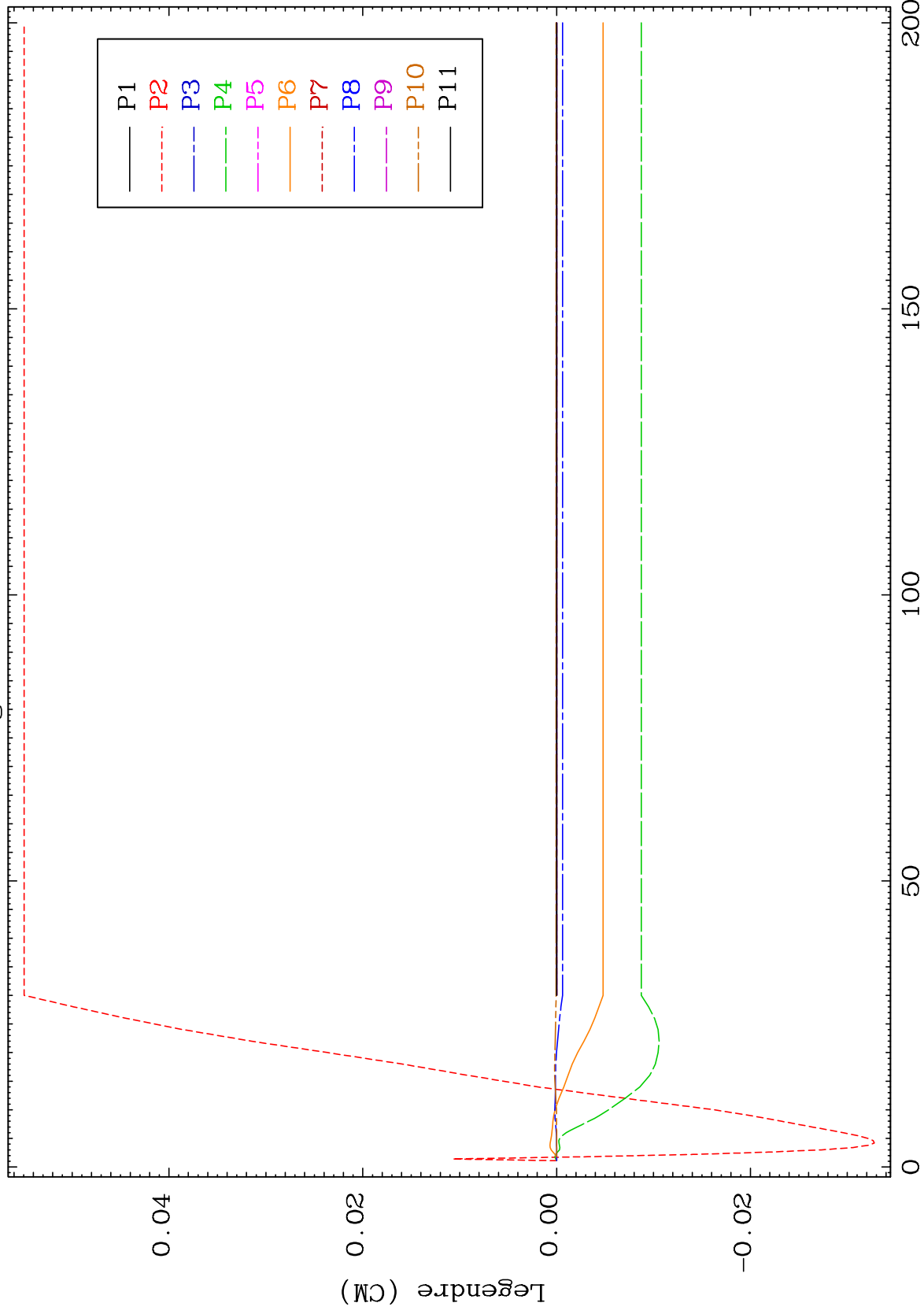
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



47

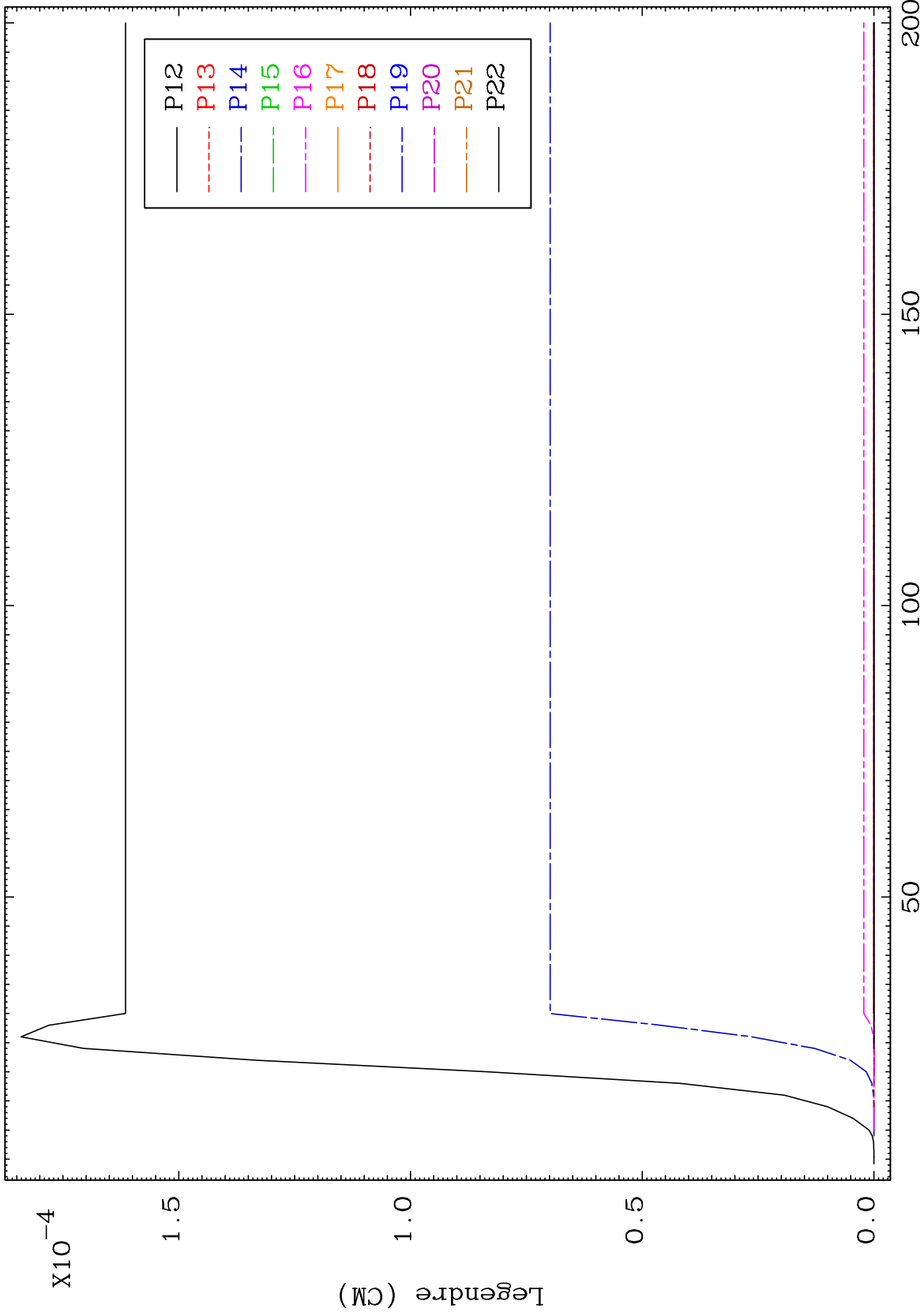
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

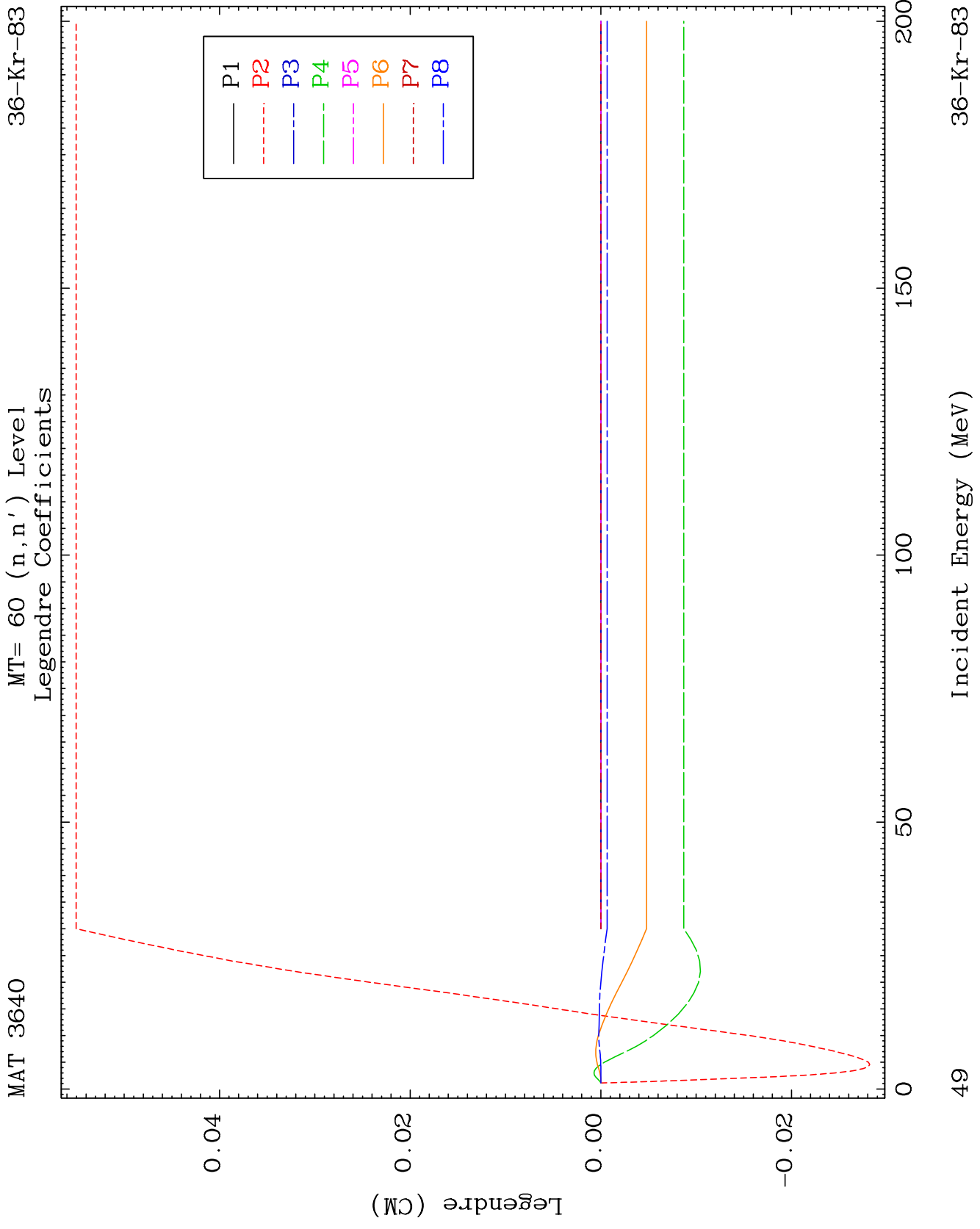
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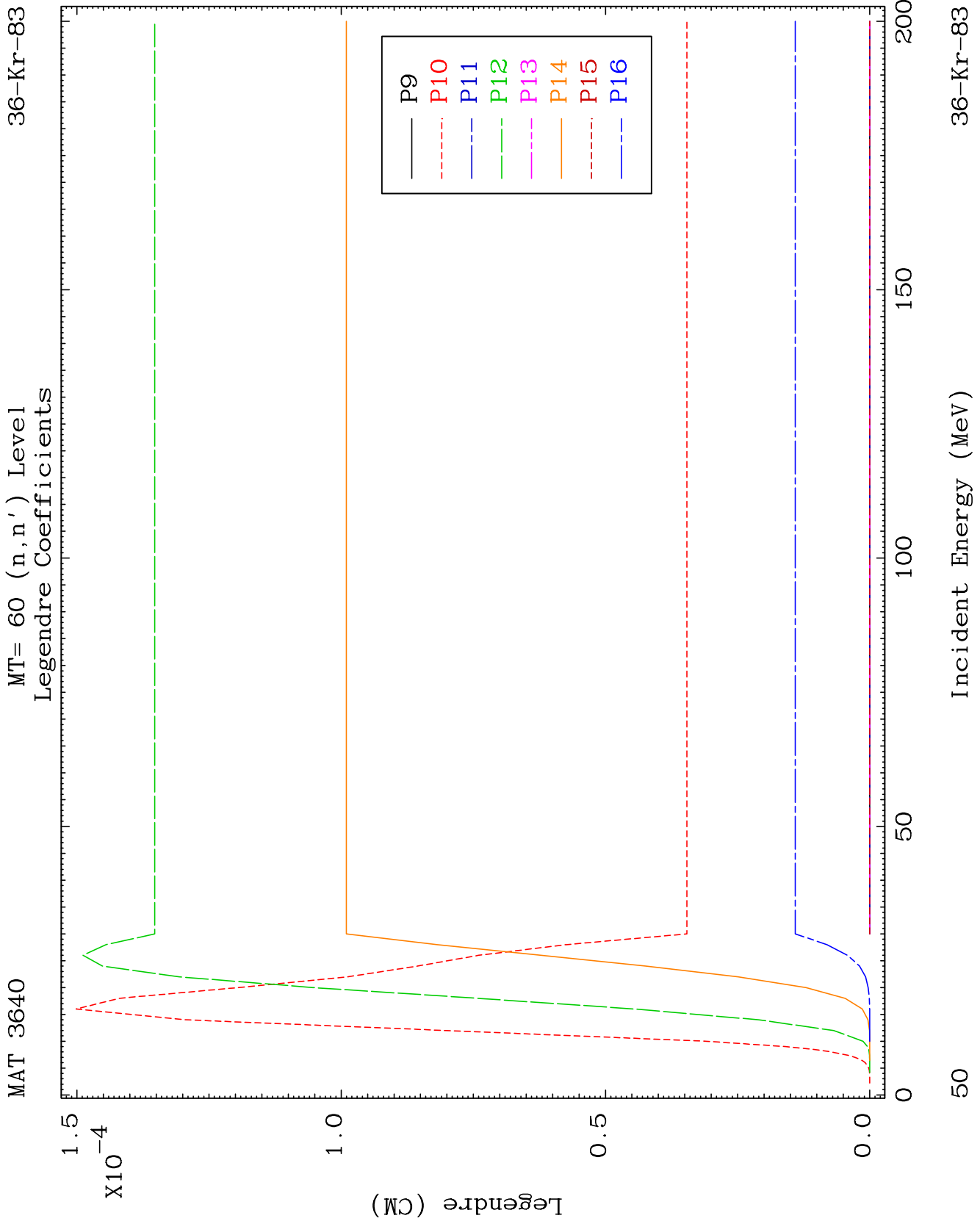


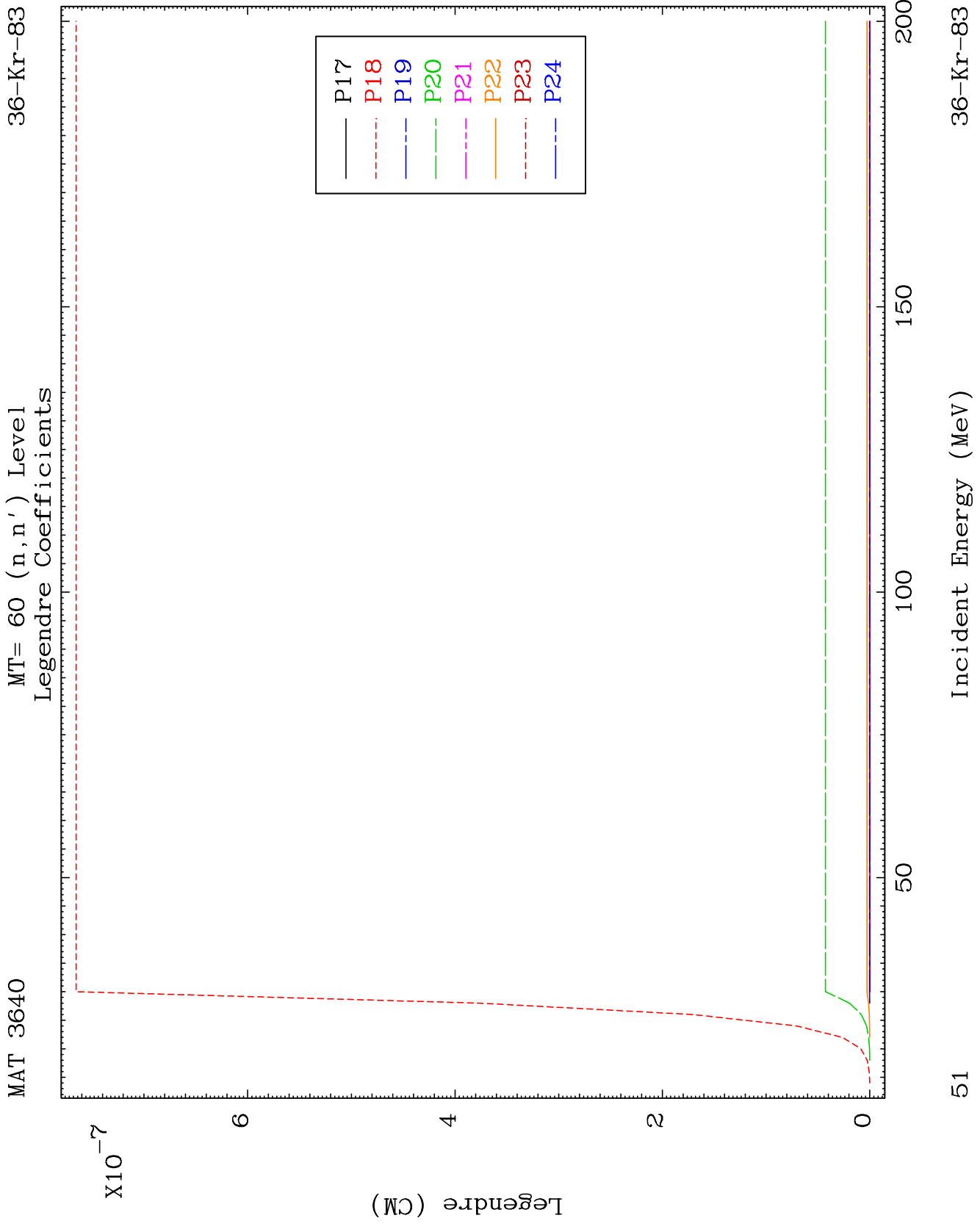
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Incident Energy (MeV)

36-Kr-83



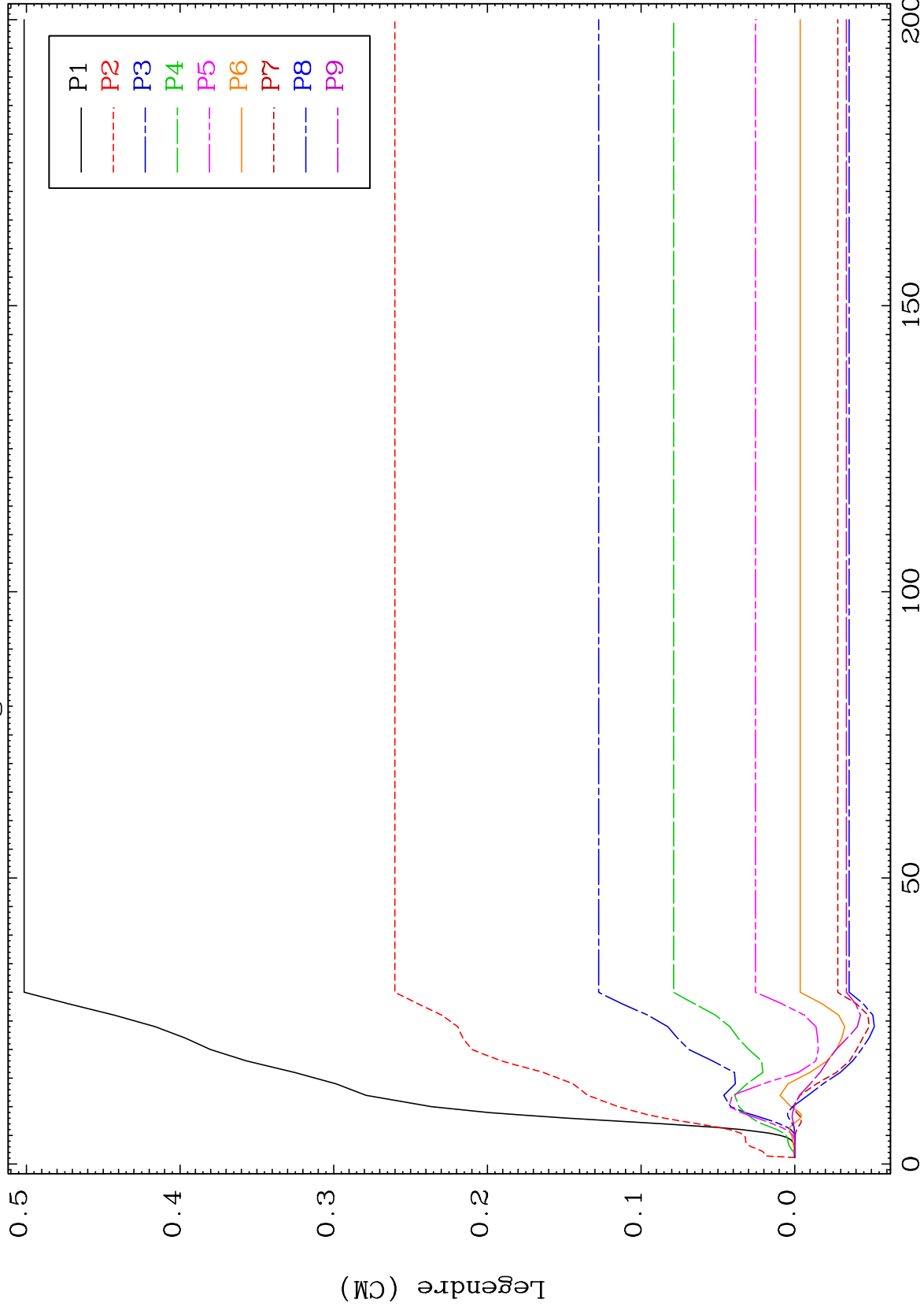




MAT 3640

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

36-Kr-83



52

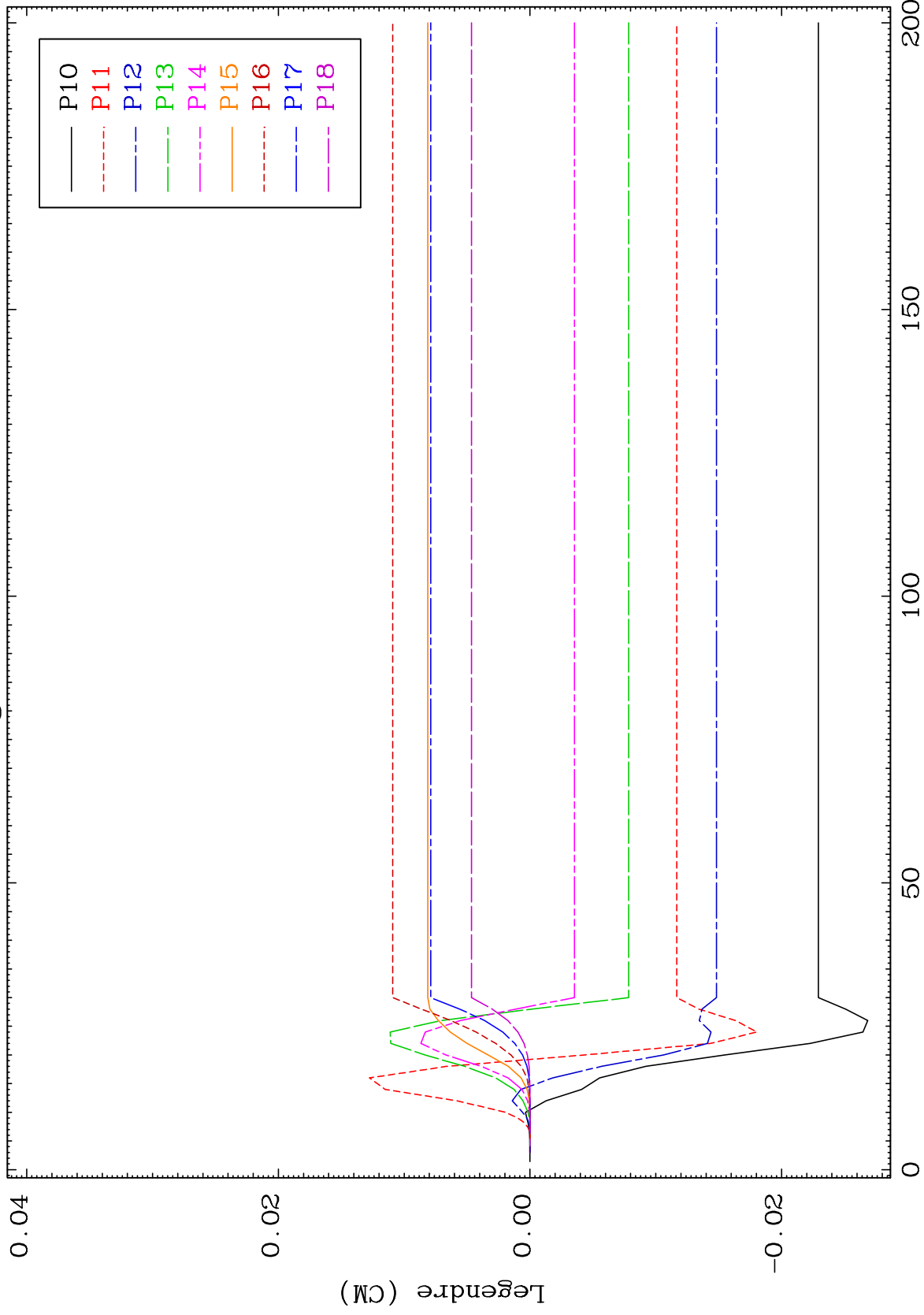
36-Kr-83

36-Kr-83

MAT 3640

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

36-Kr-83



53

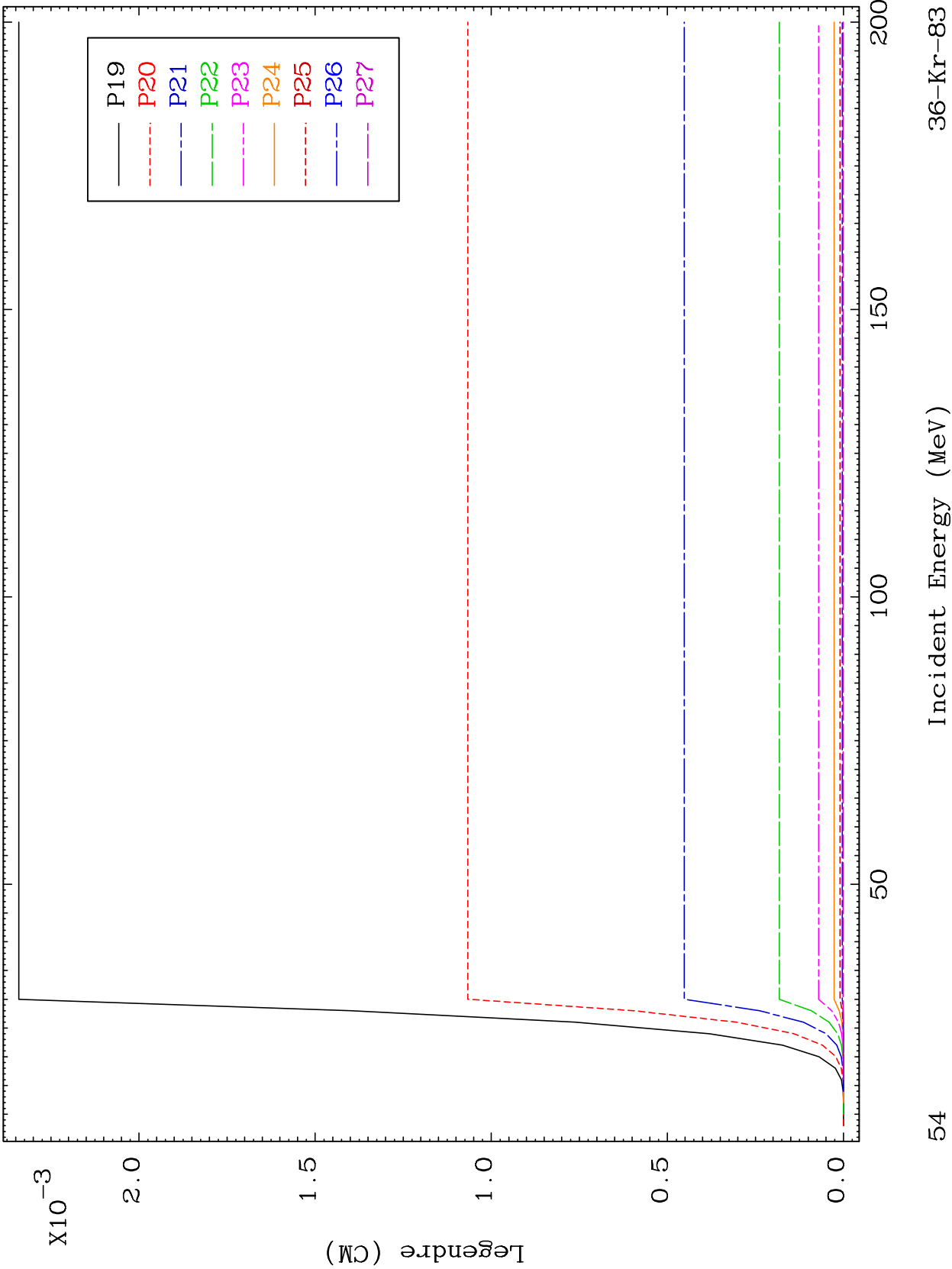
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



54

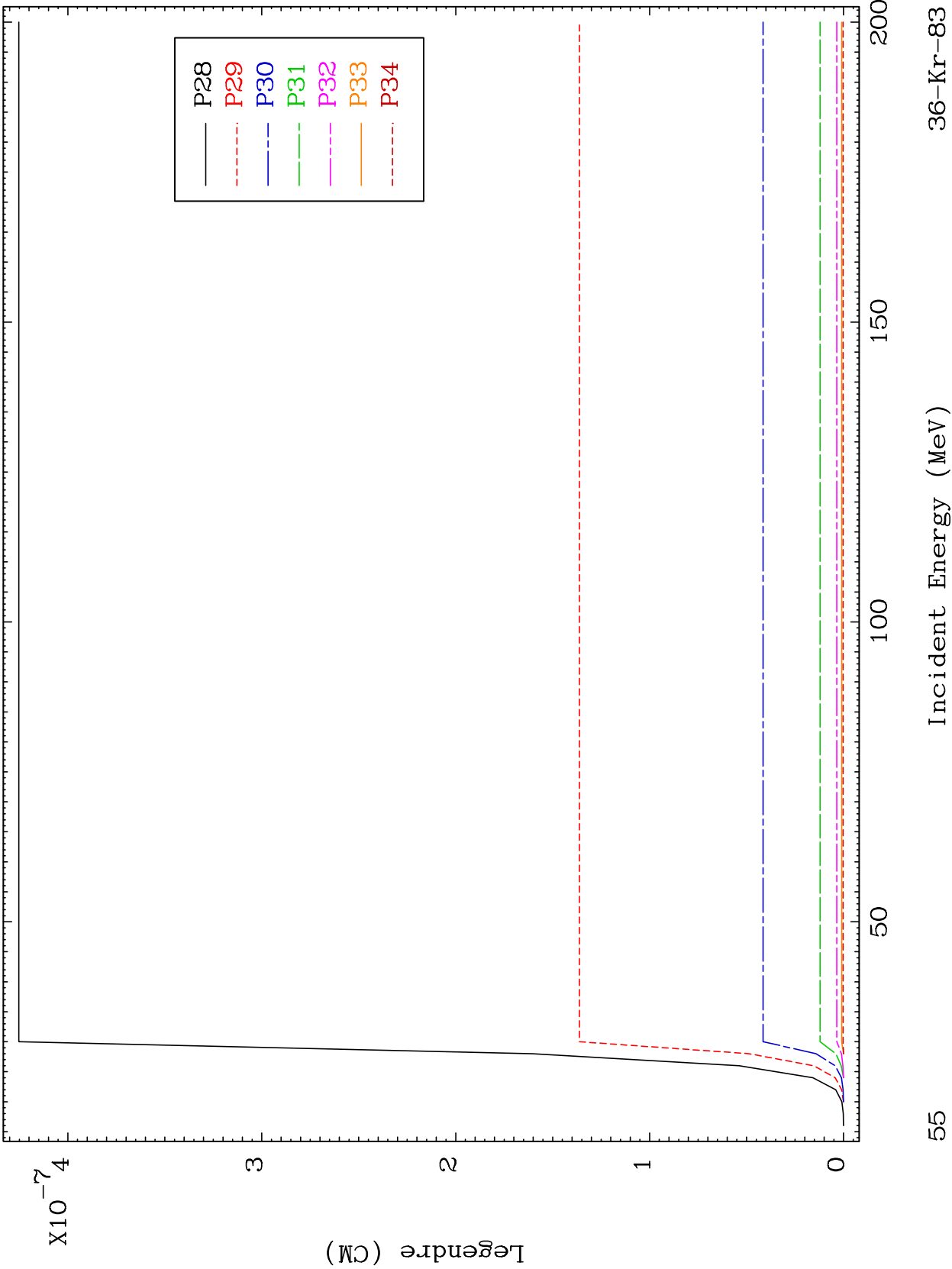
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



55

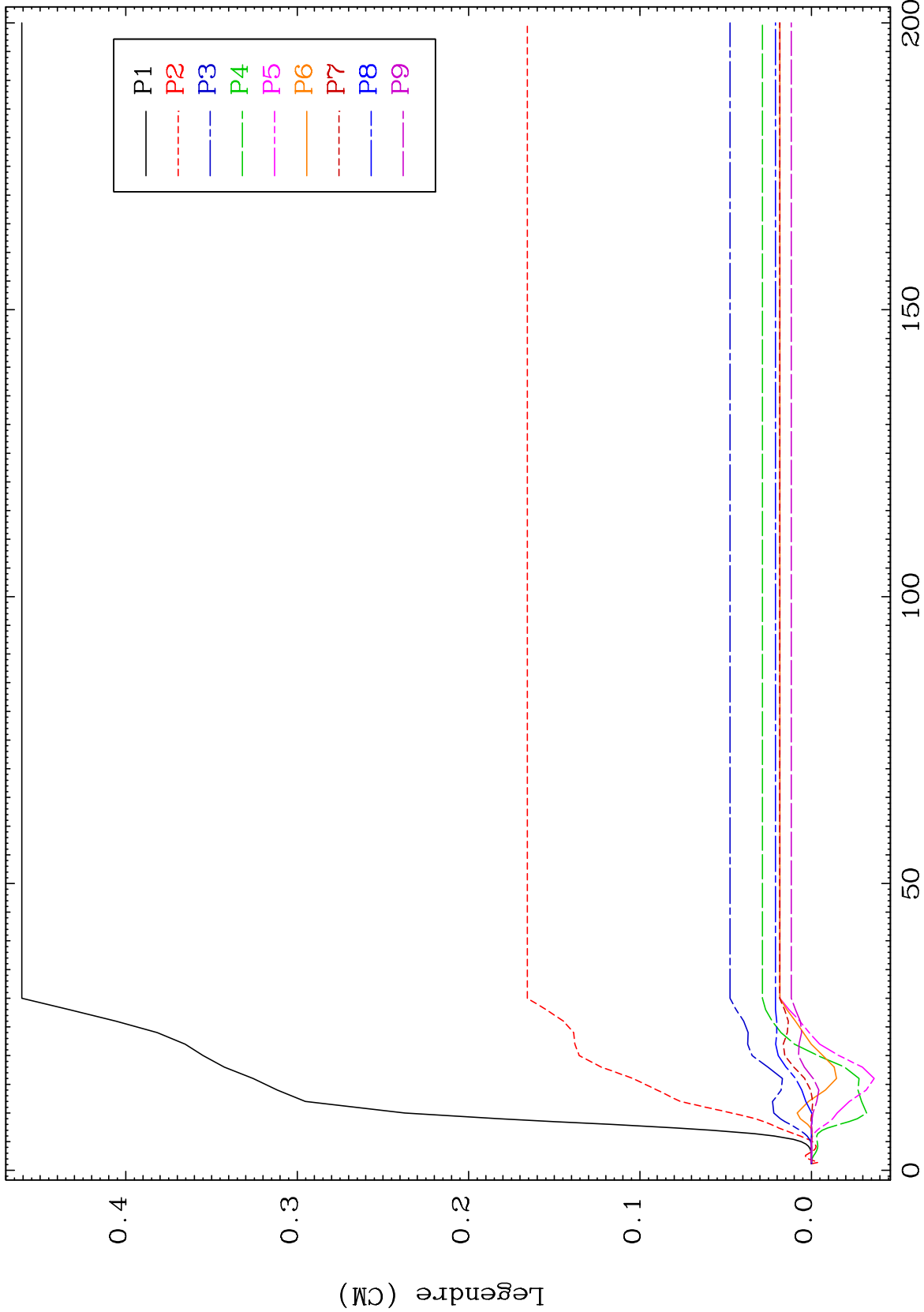
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



56

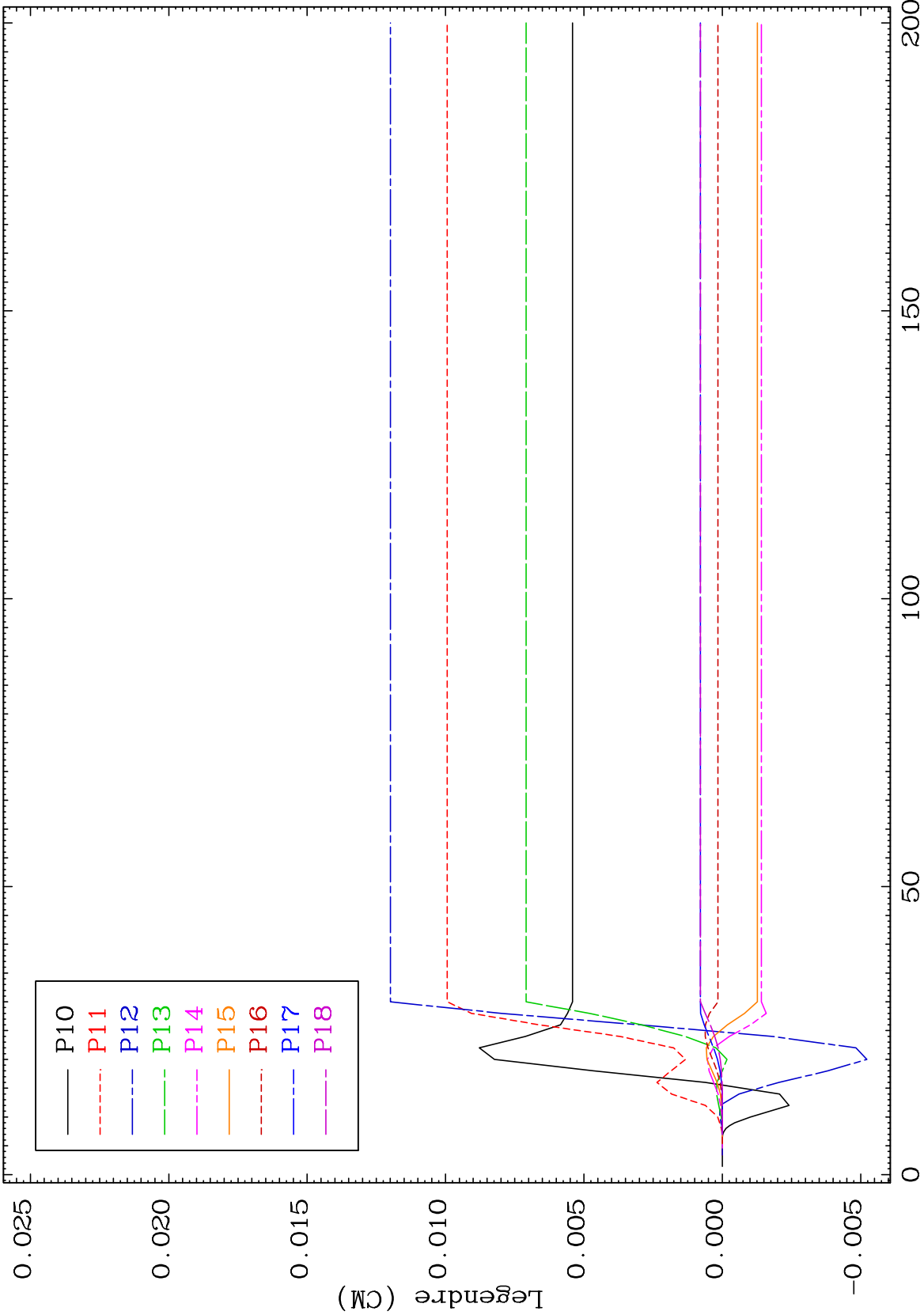
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



57

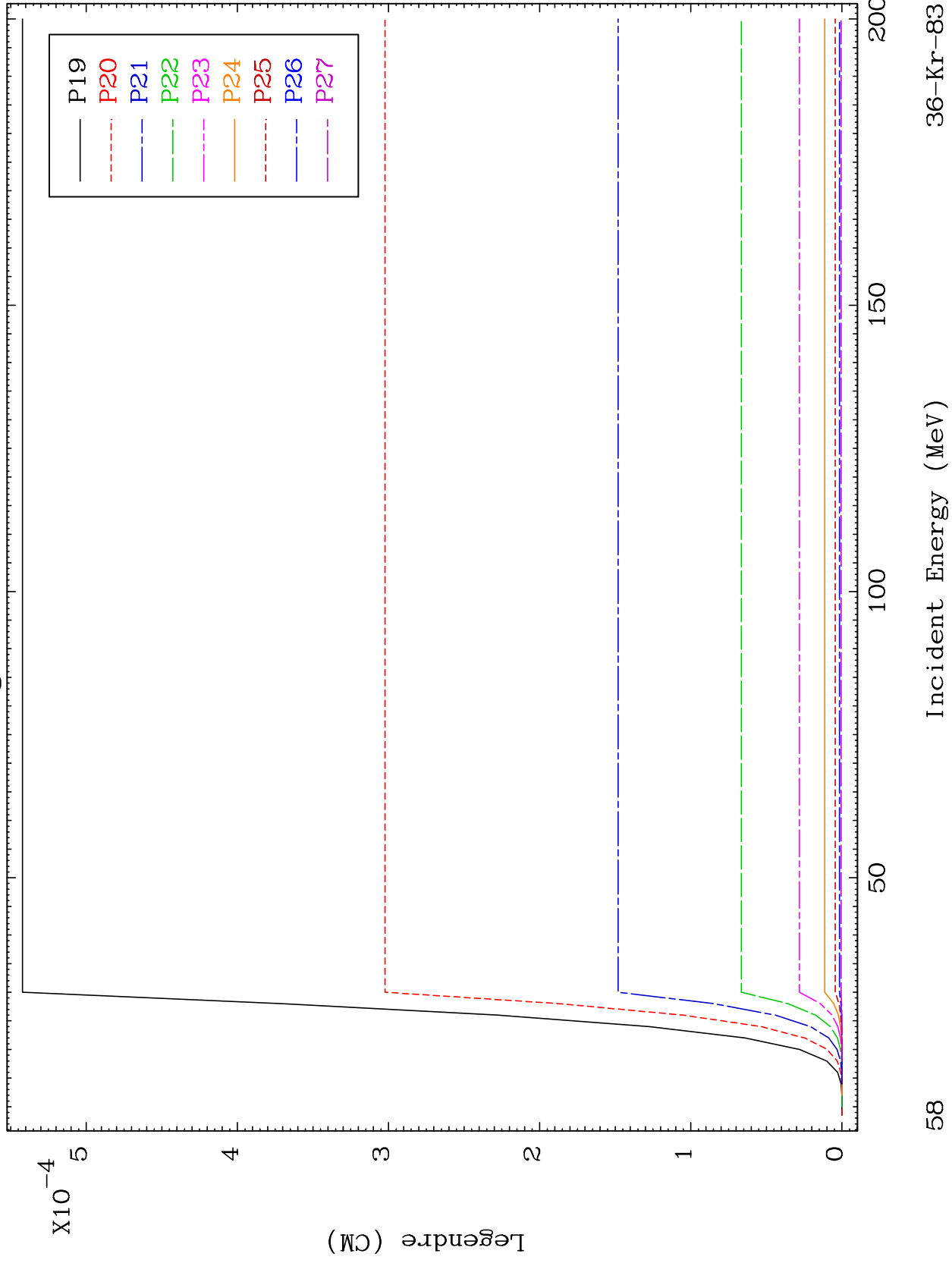
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



58

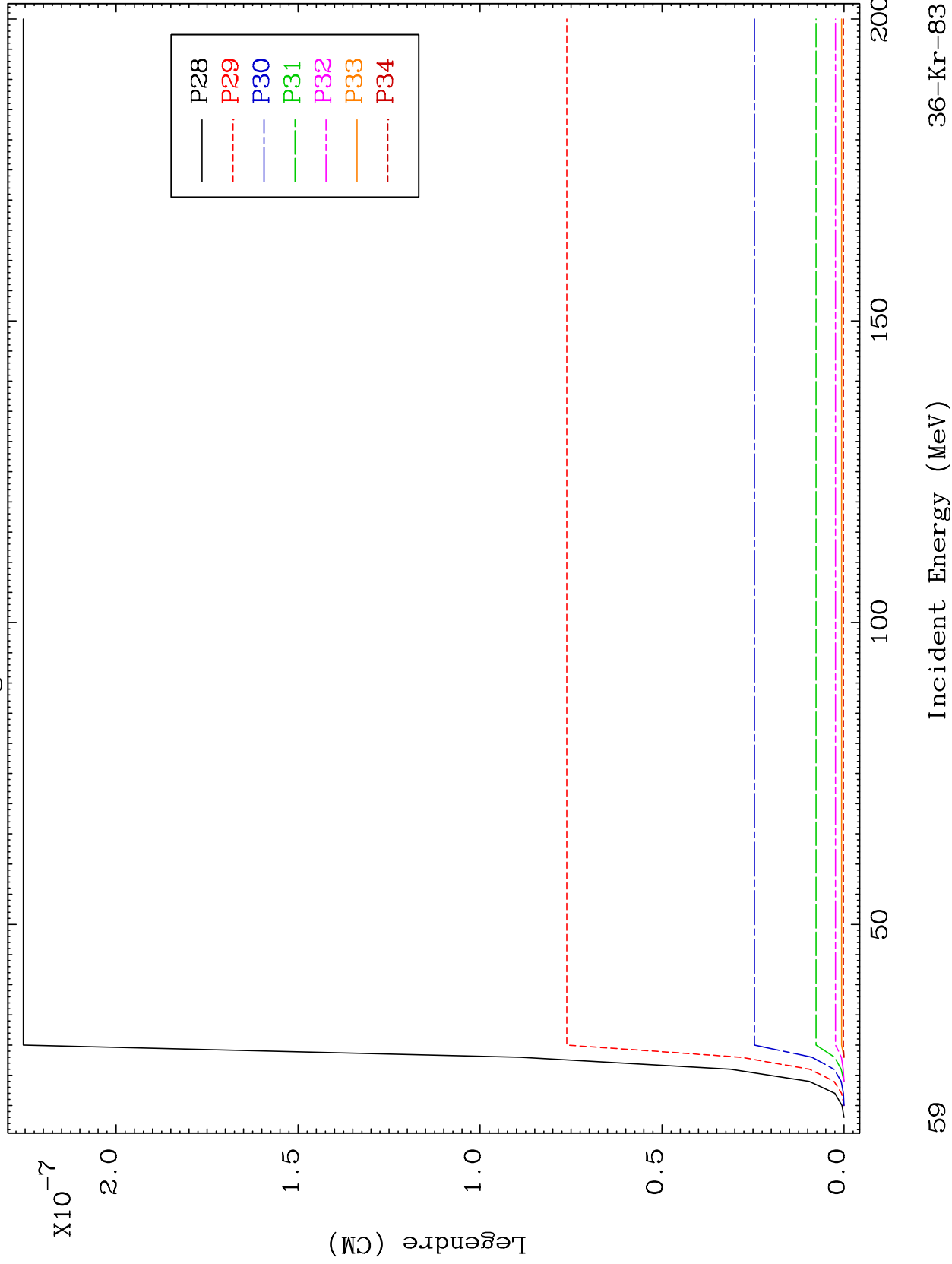
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

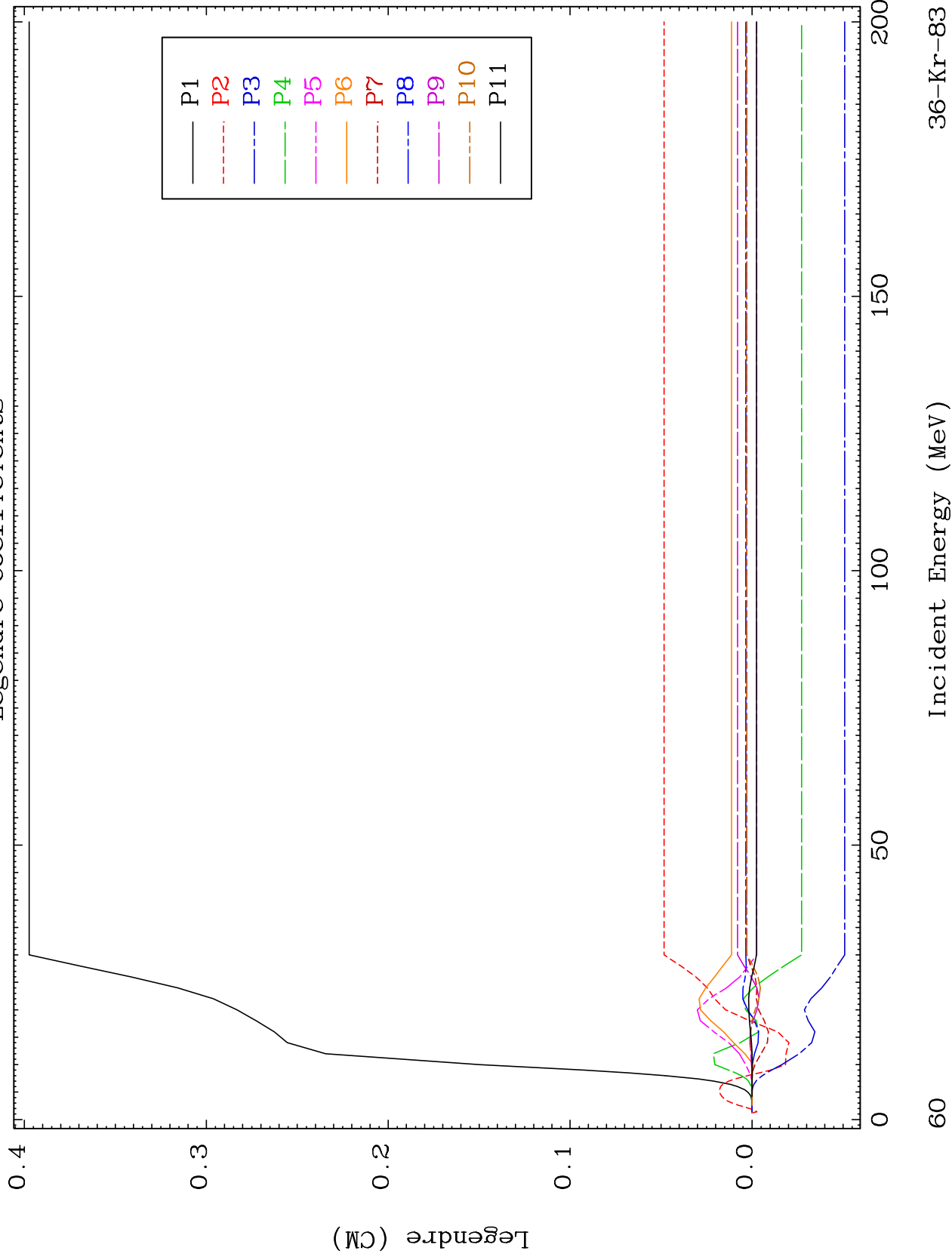
36-Kr-83



MAT 3640

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

36-Kr-83



36-Kr-83

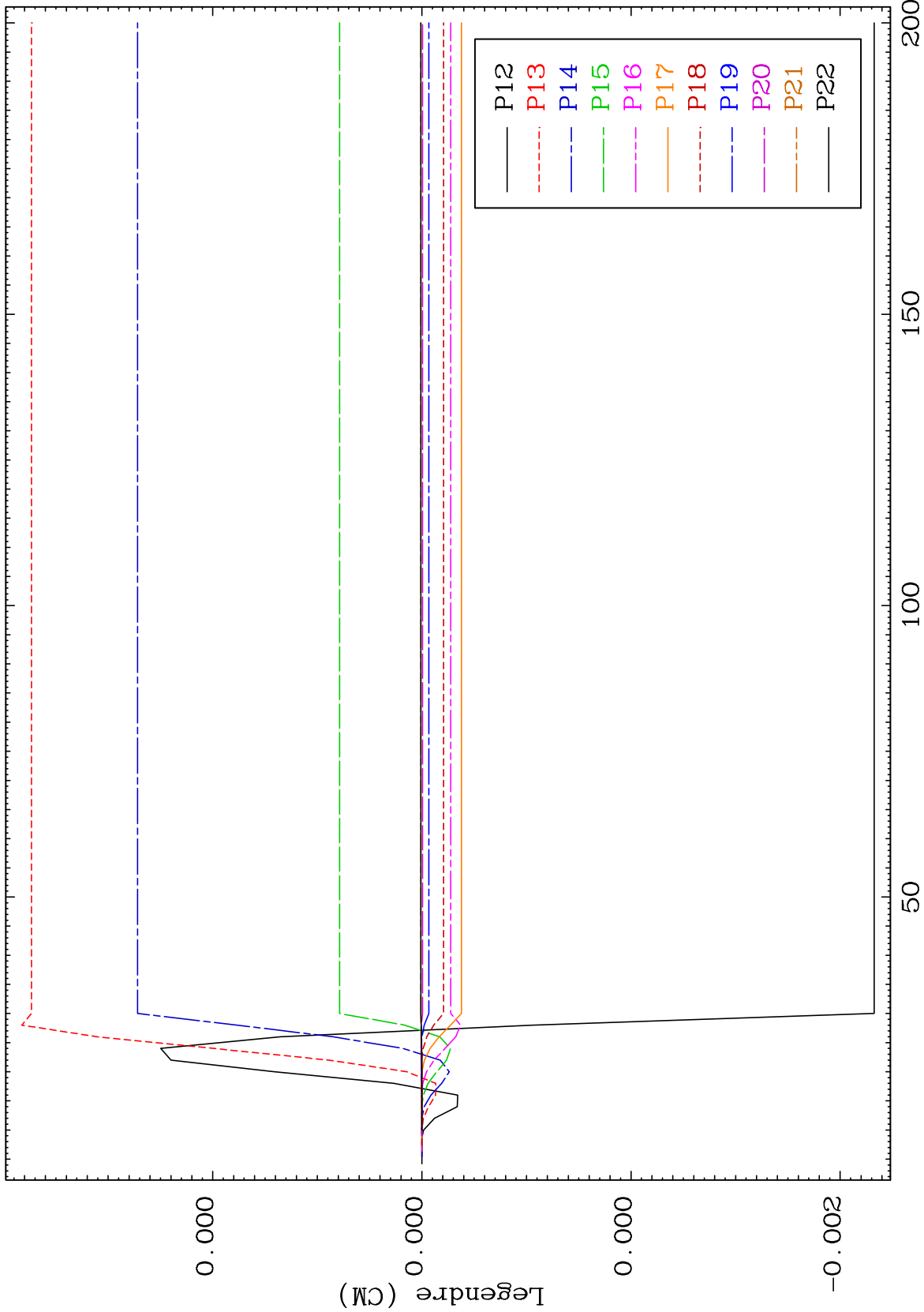
Incident Energy (MeV)

60

MAT 3640

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

36-Kr-83



61

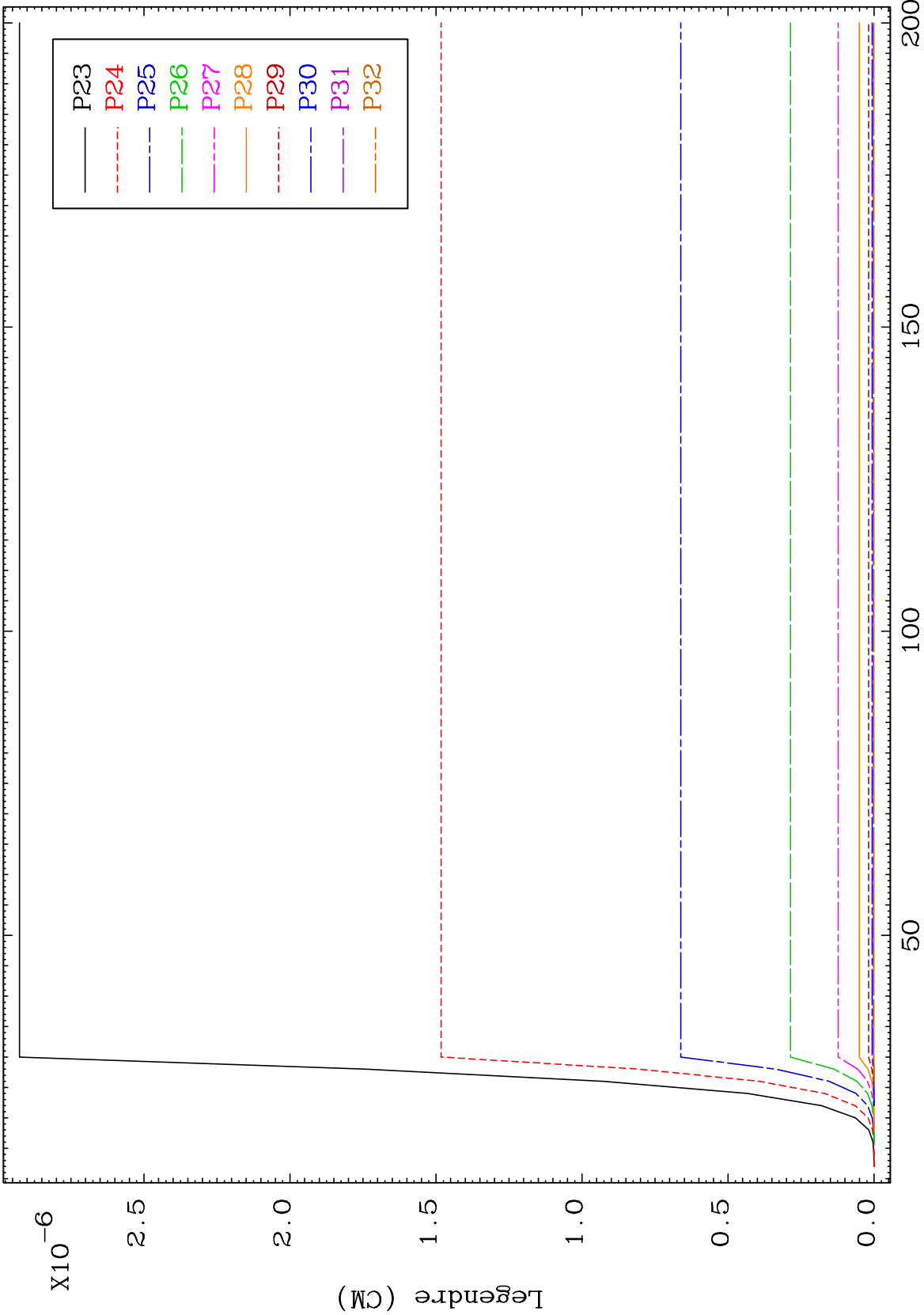
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

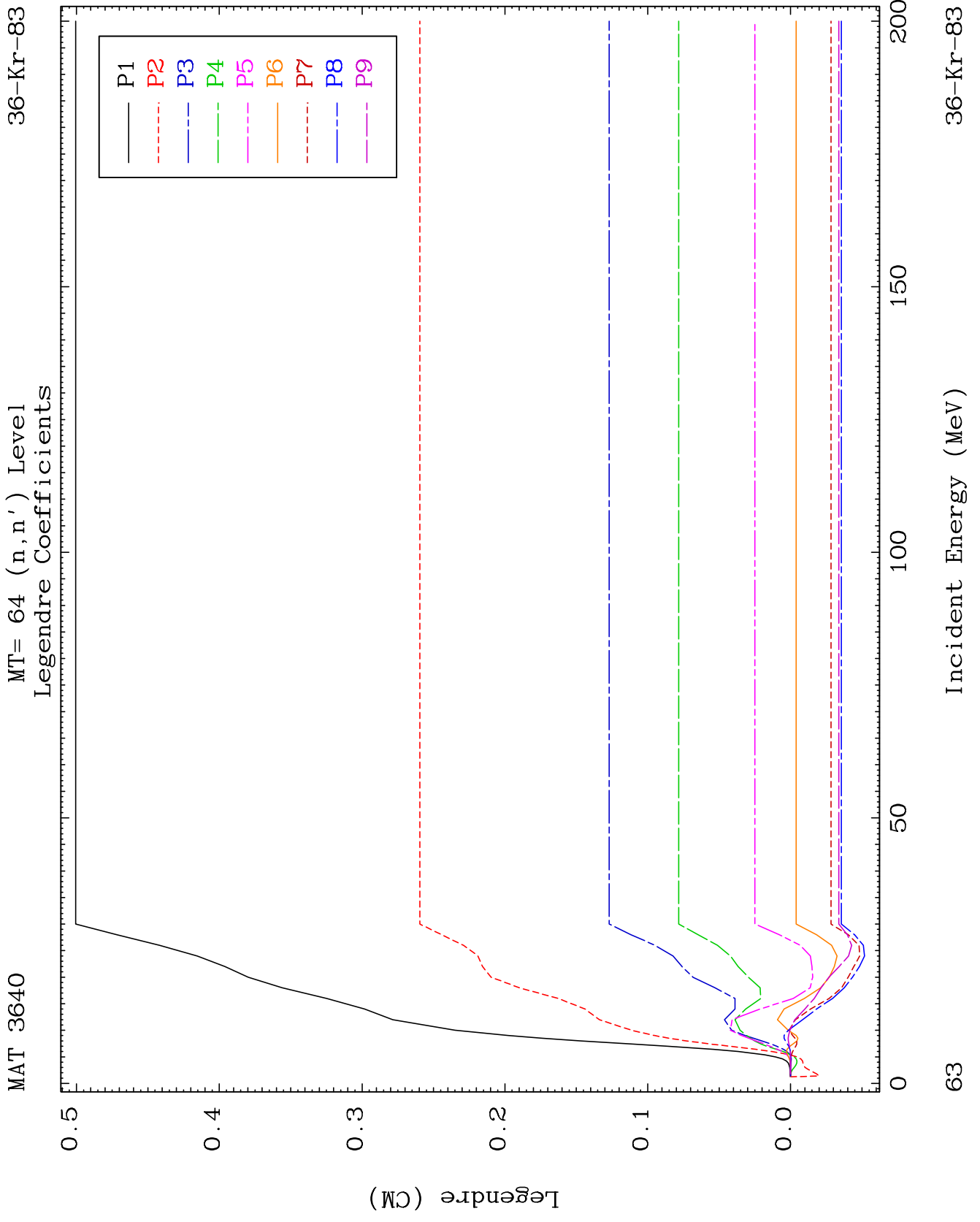
36-Kr-83



62

Incident Energy (MeV)

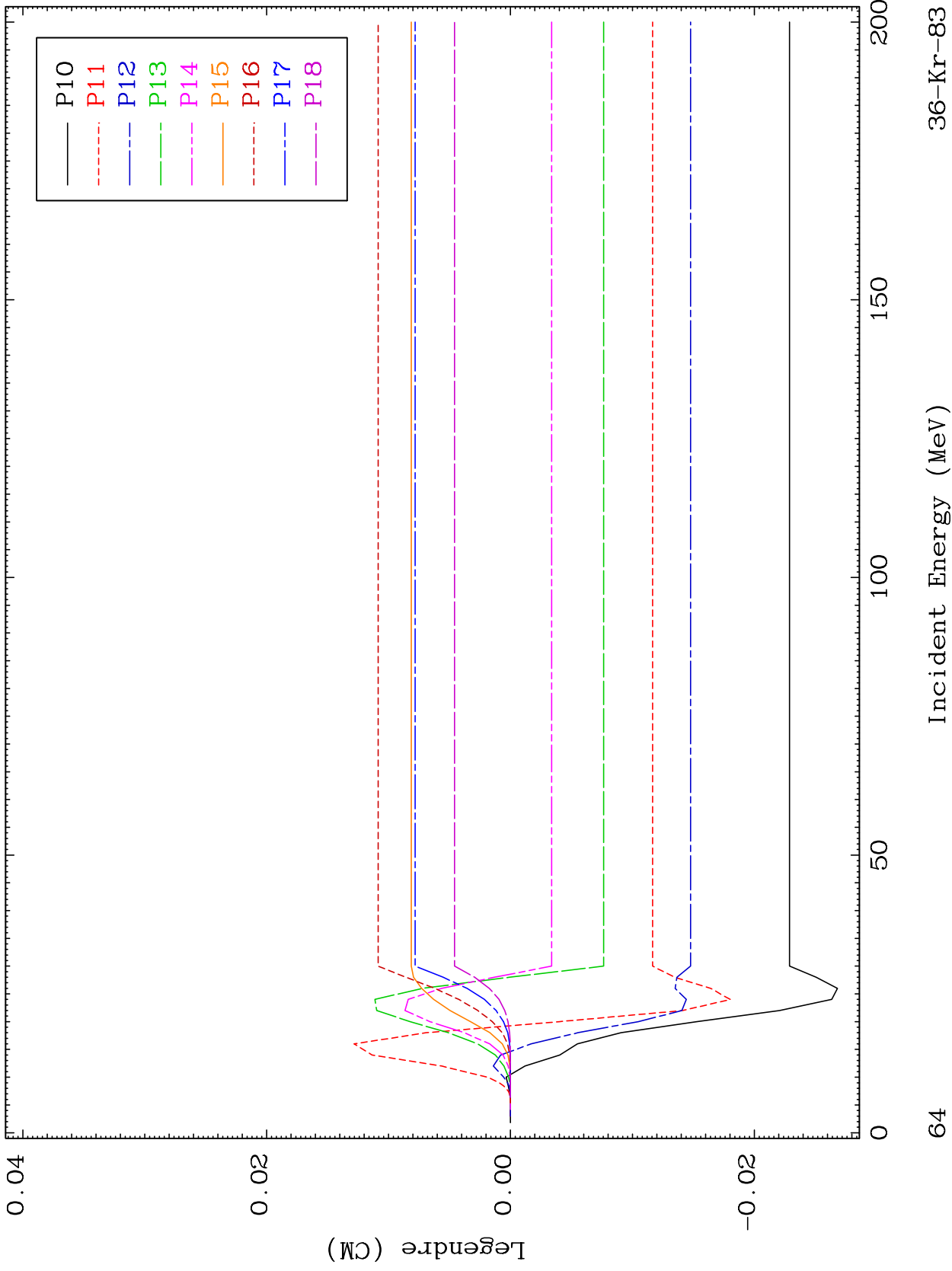
36-Kr-83



MAT 3640

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

36-Kr-83



36-Kr-83

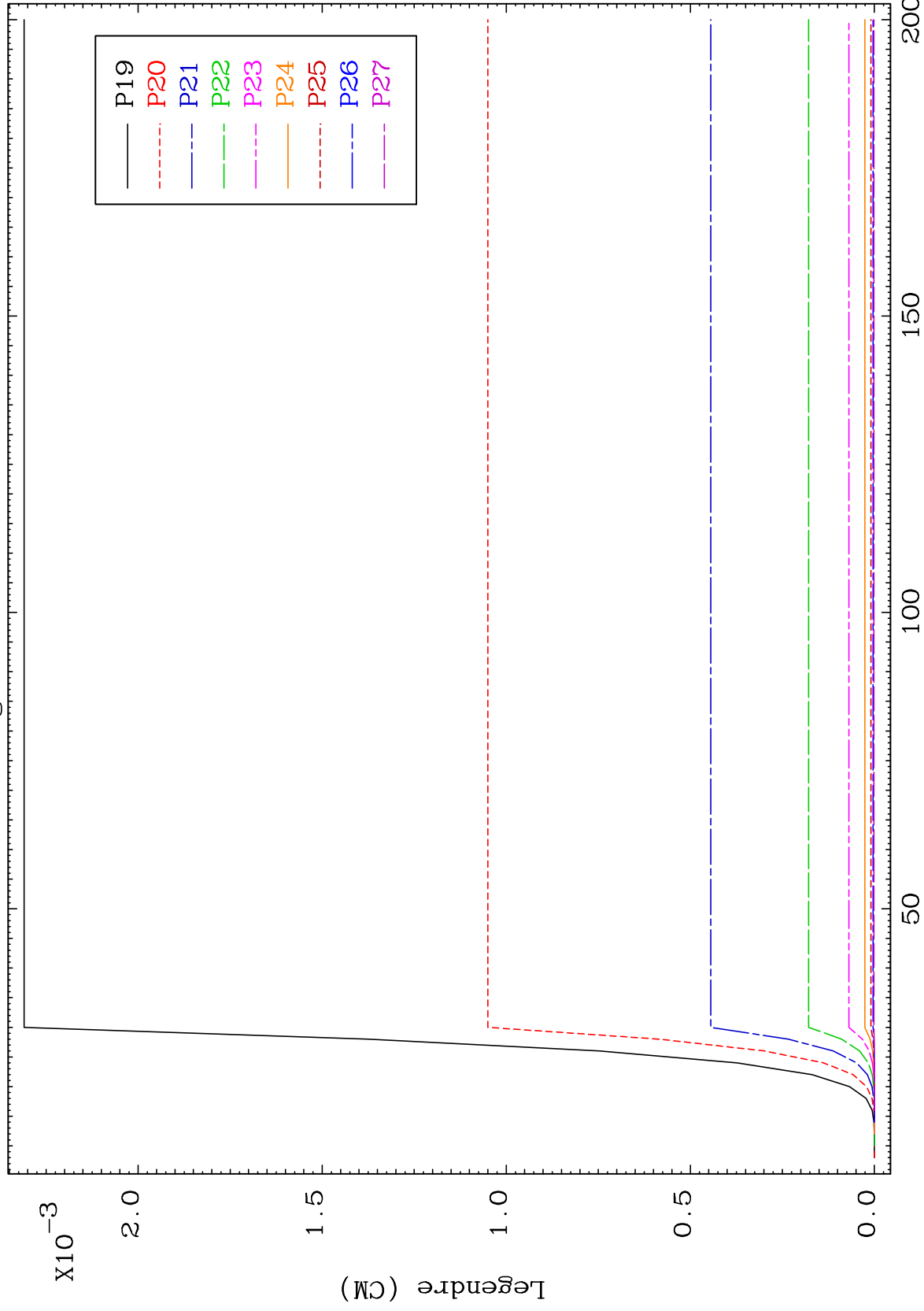
Incident Energy (MeV)

64

MAT 3640

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

36-Kr-83



65

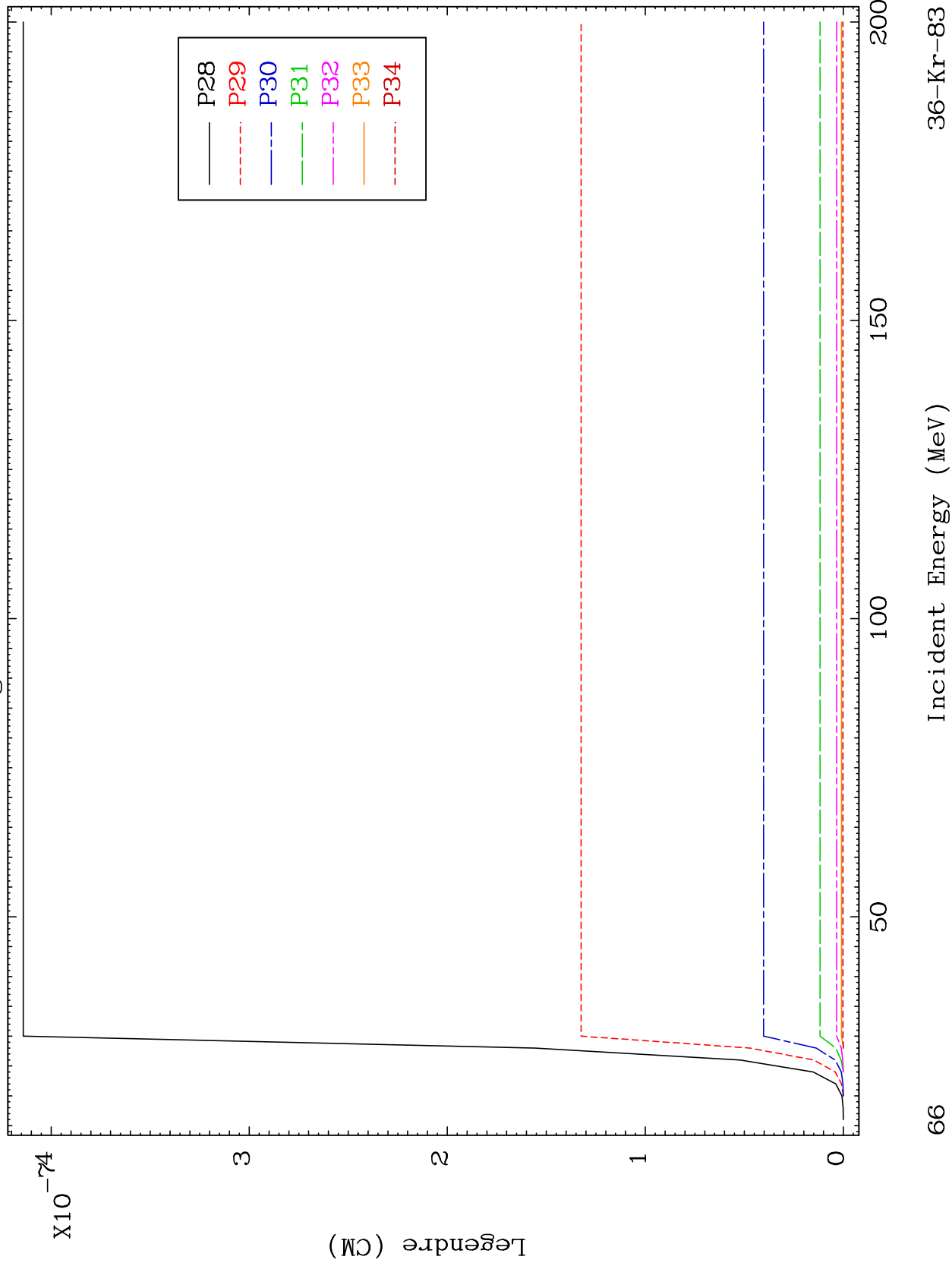
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

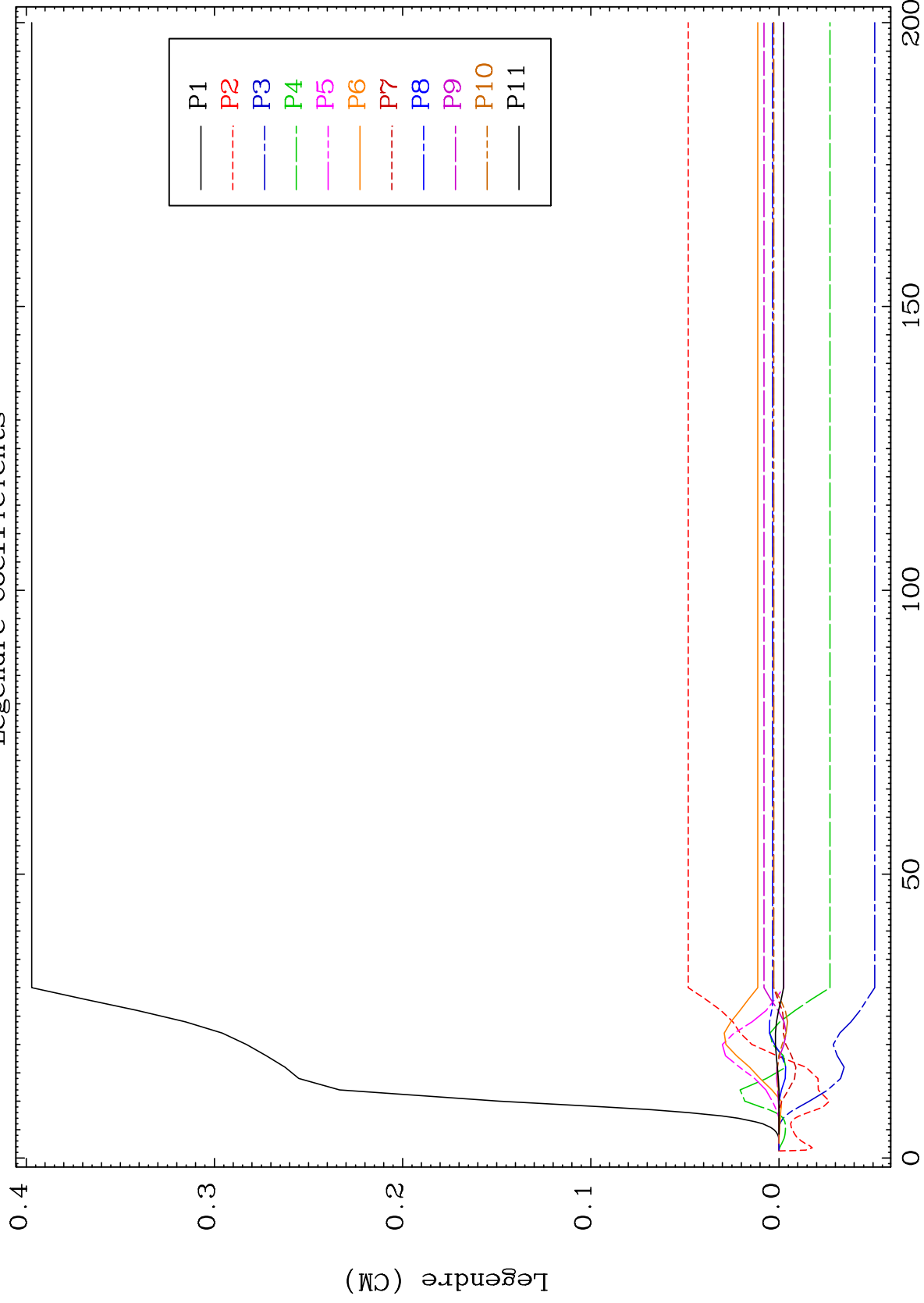
36-Kr-83



MAT 3640

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

36-Kr-83



67

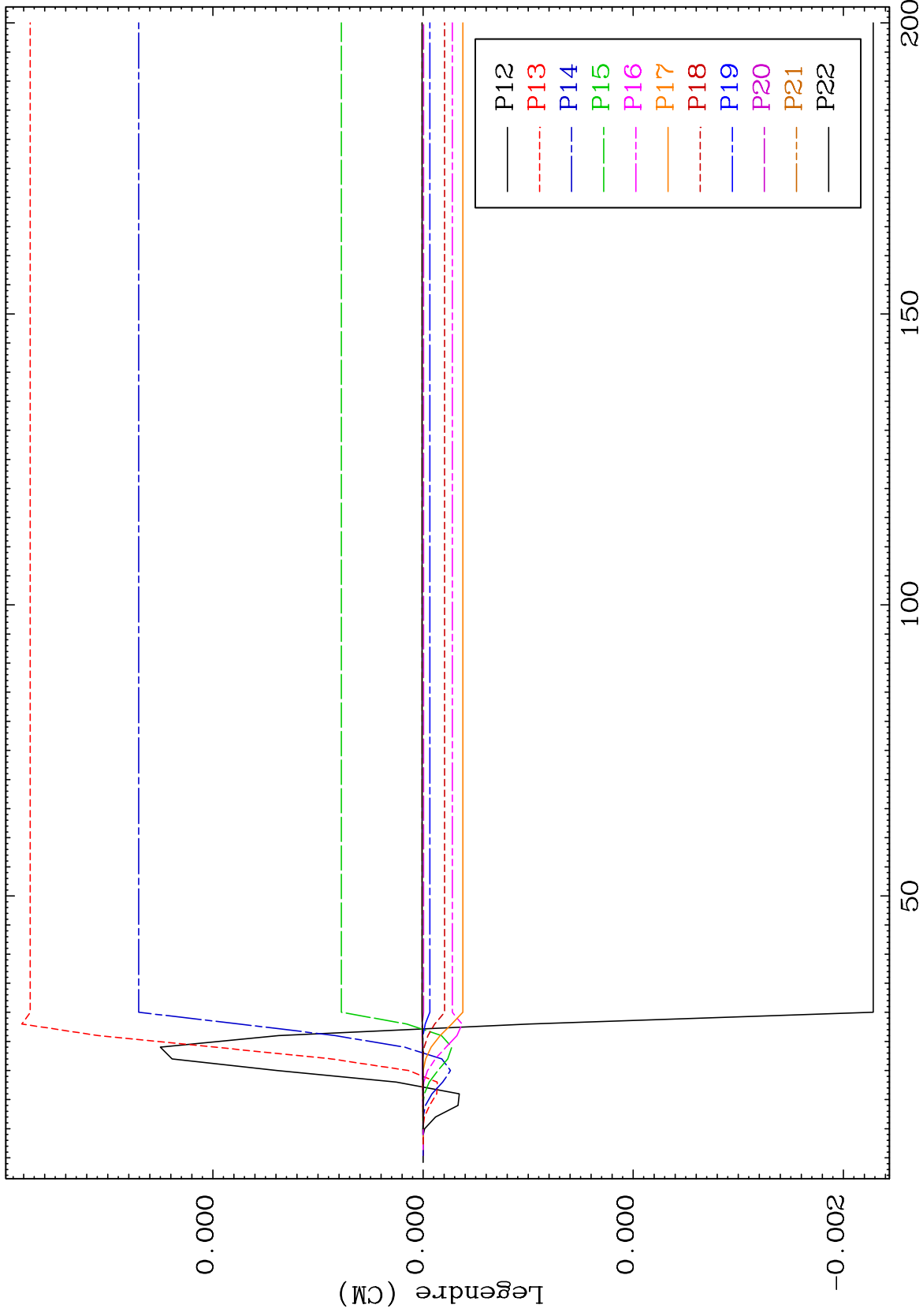
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



68

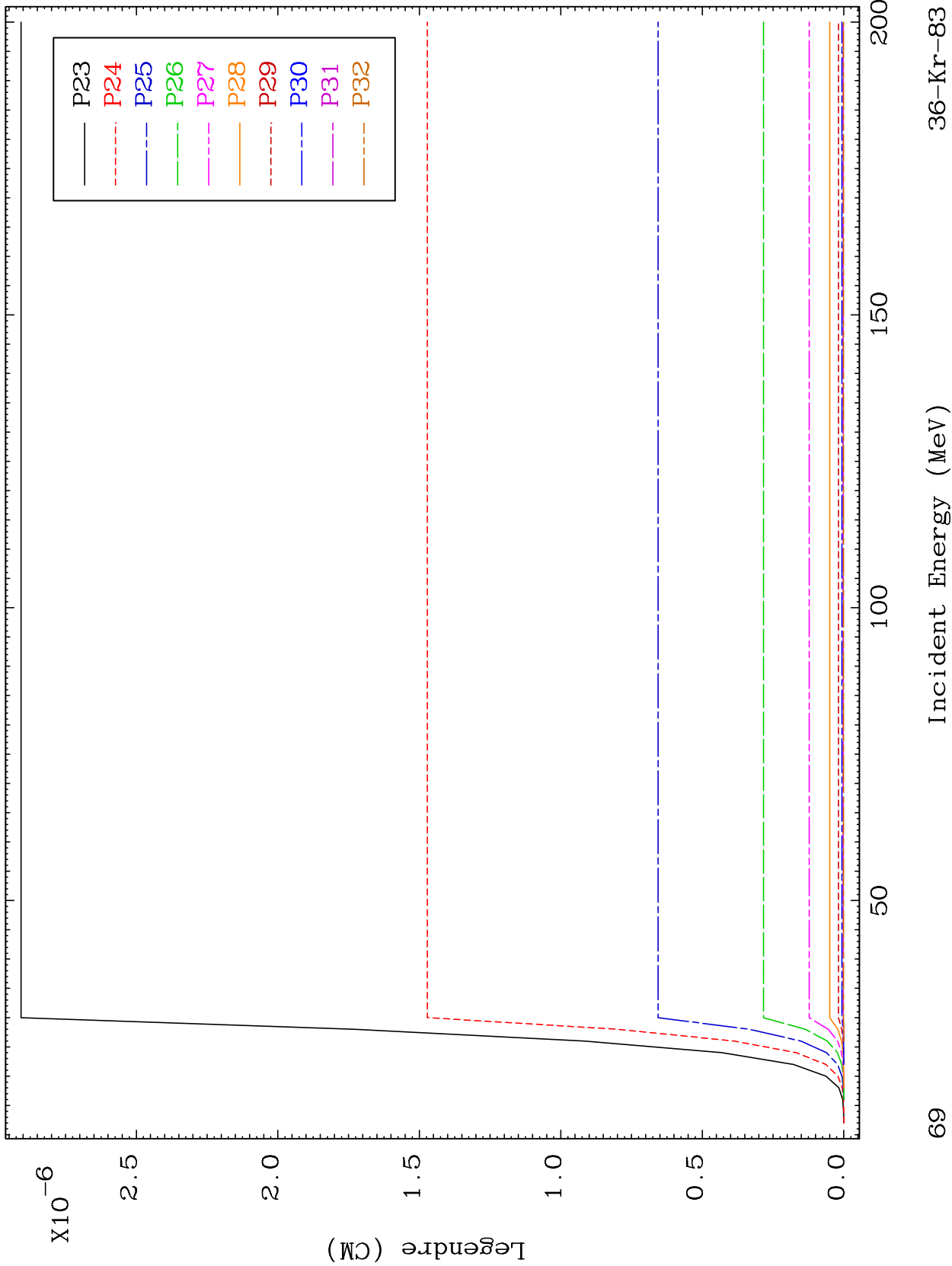
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

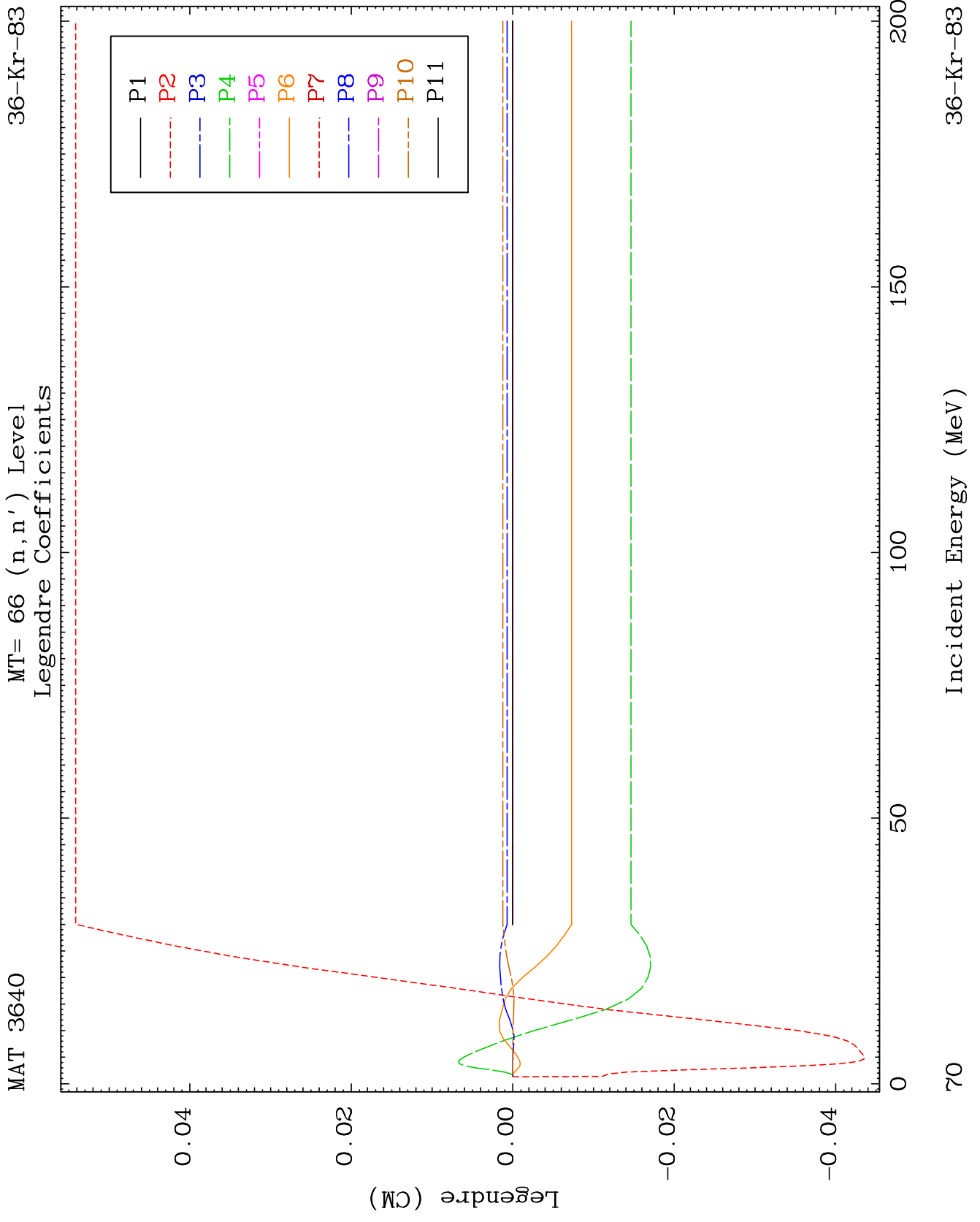
36-Kr-83

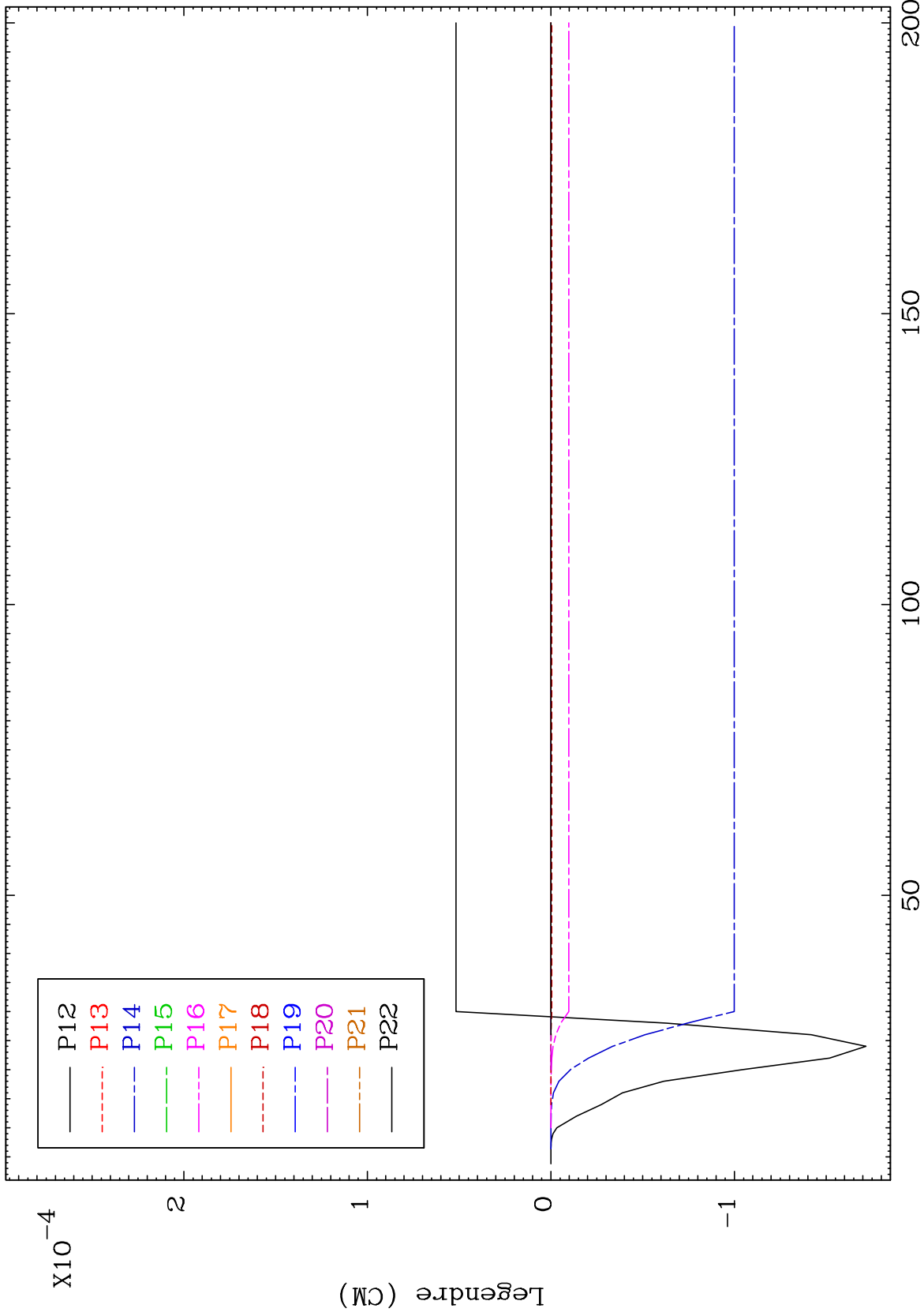


69

Incident Energy (MeV)

36-Kr-83

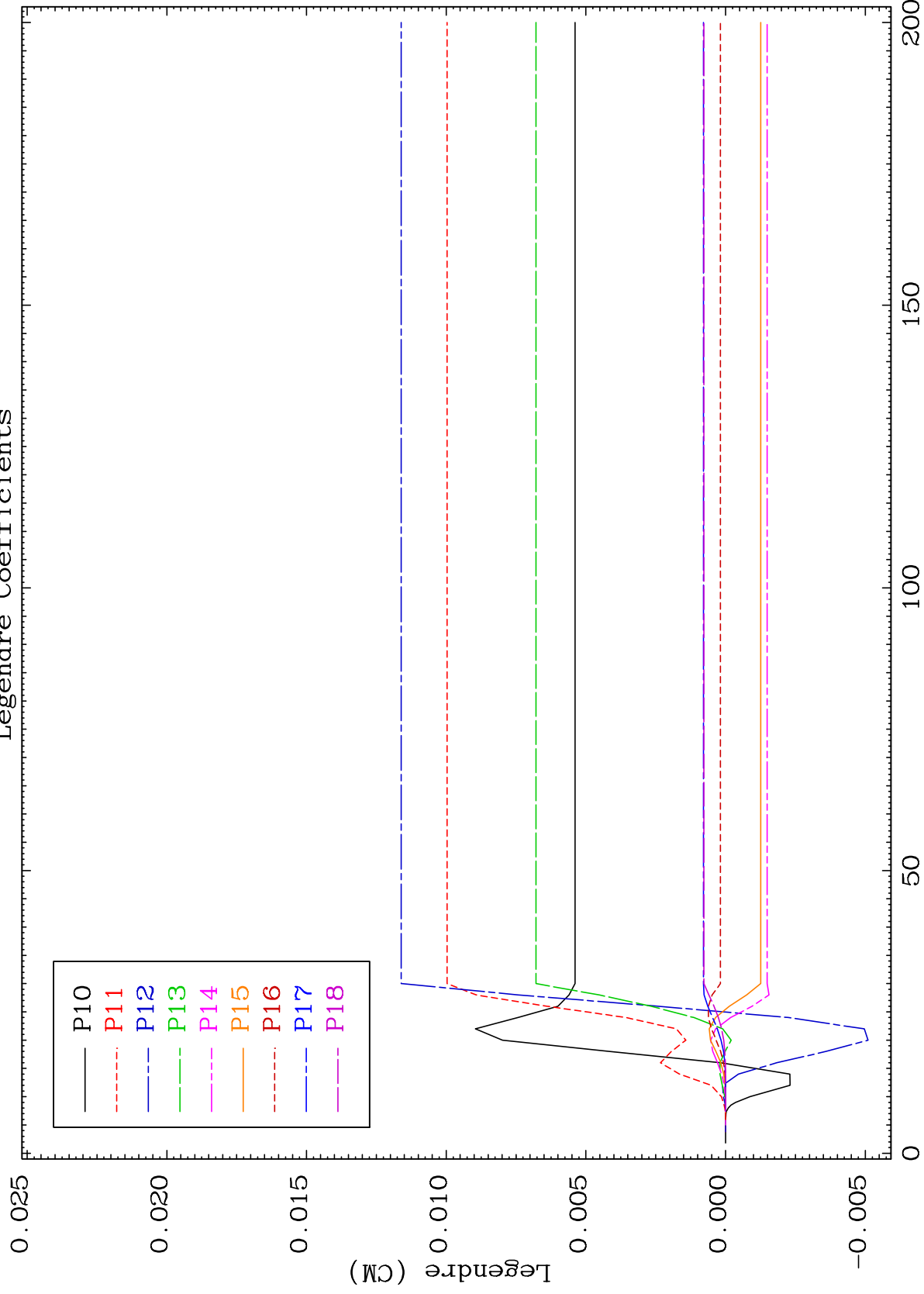




MAT 3640

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

36-Kr-83



73

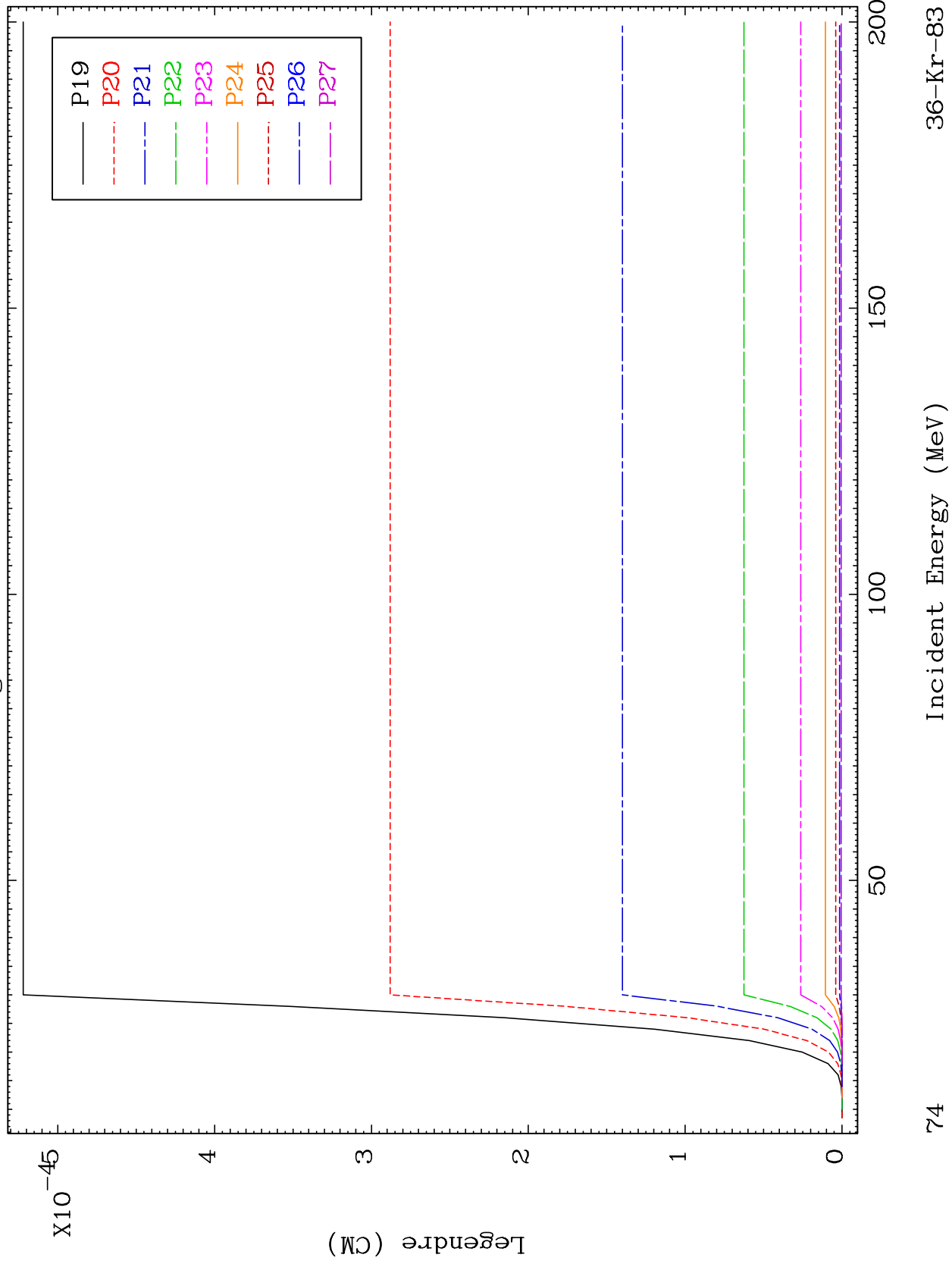
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

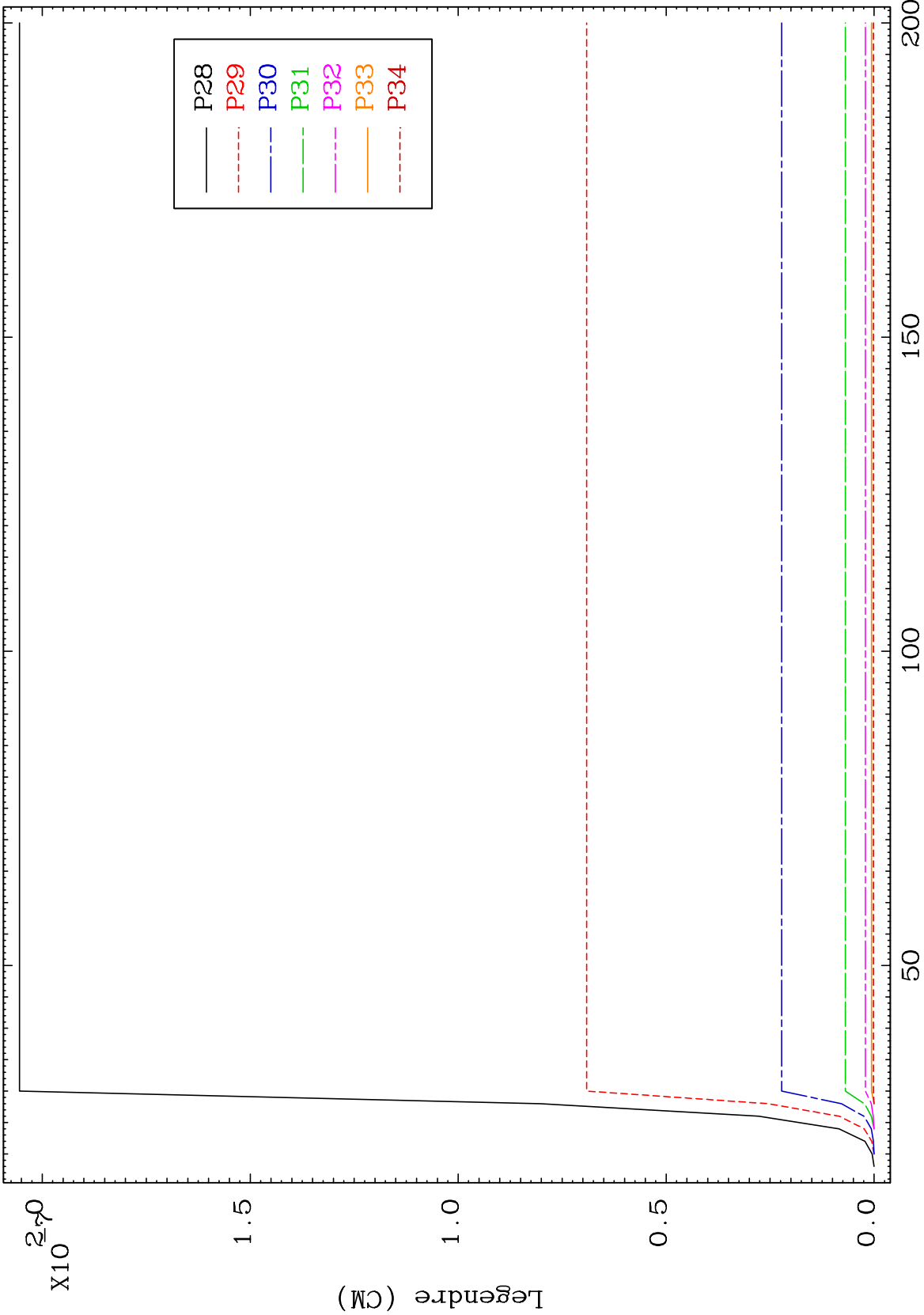
36-Kr-83



MAT 3640

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

36-Kr-83



75

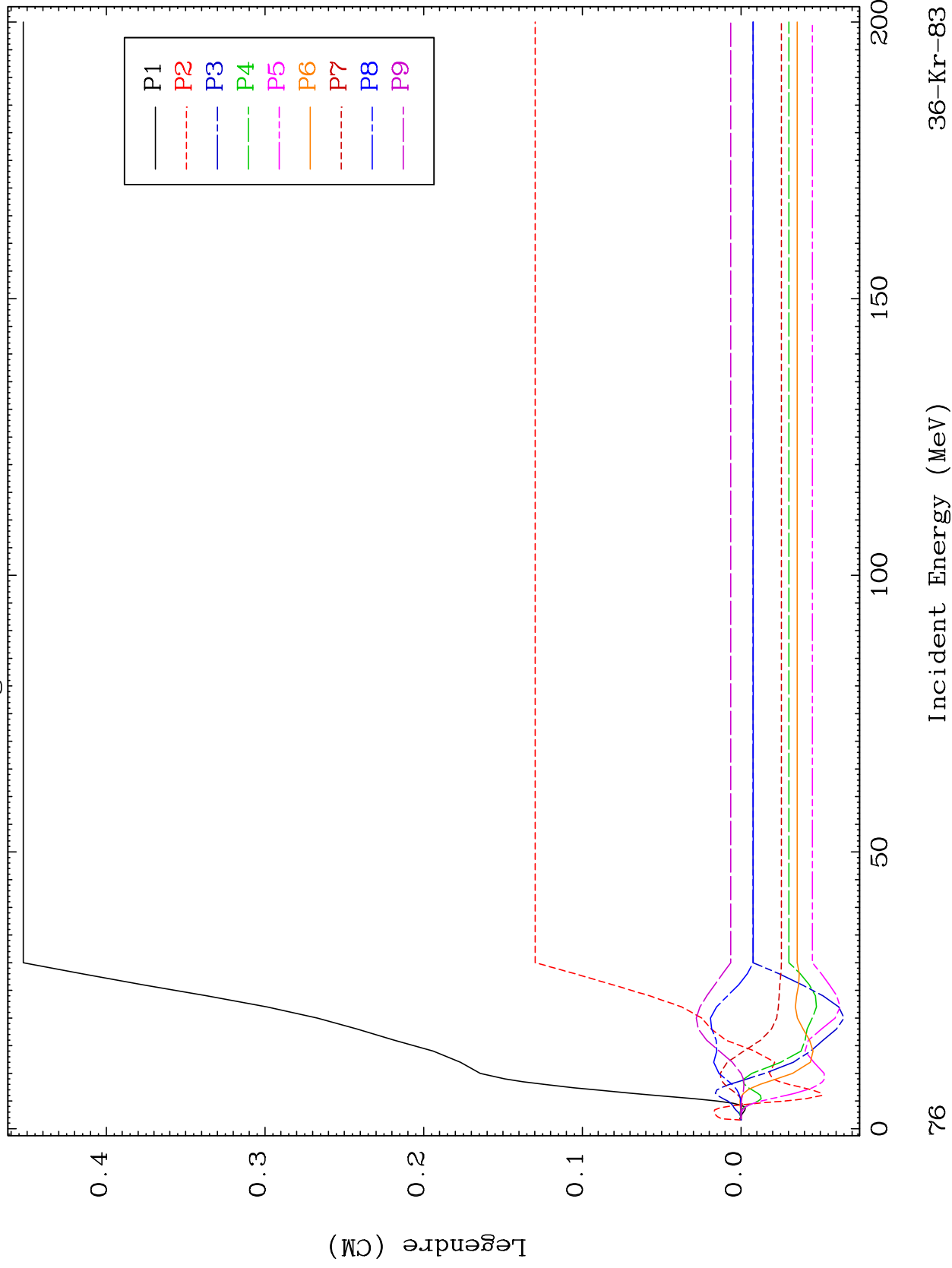
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

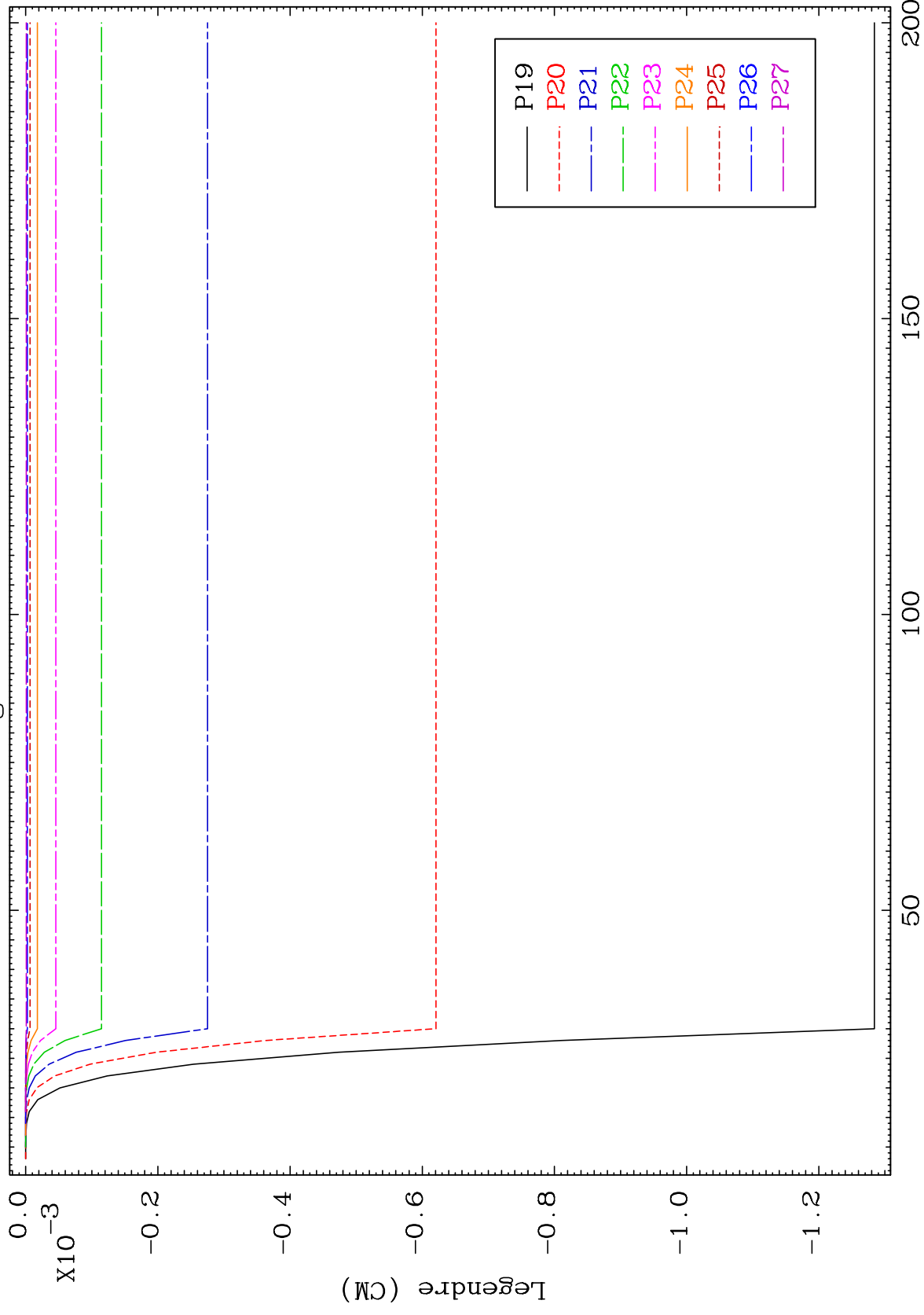
36-Kr-83

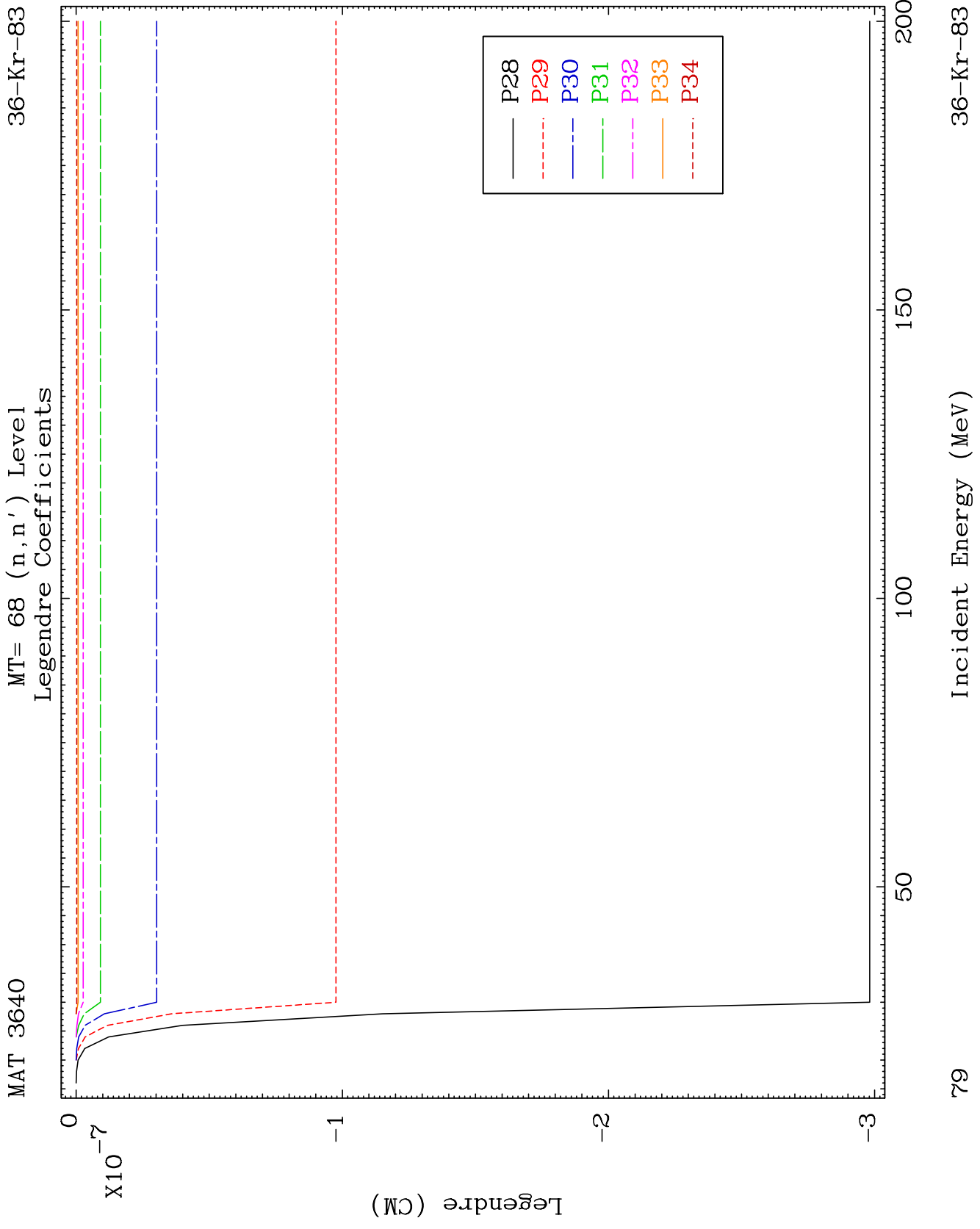


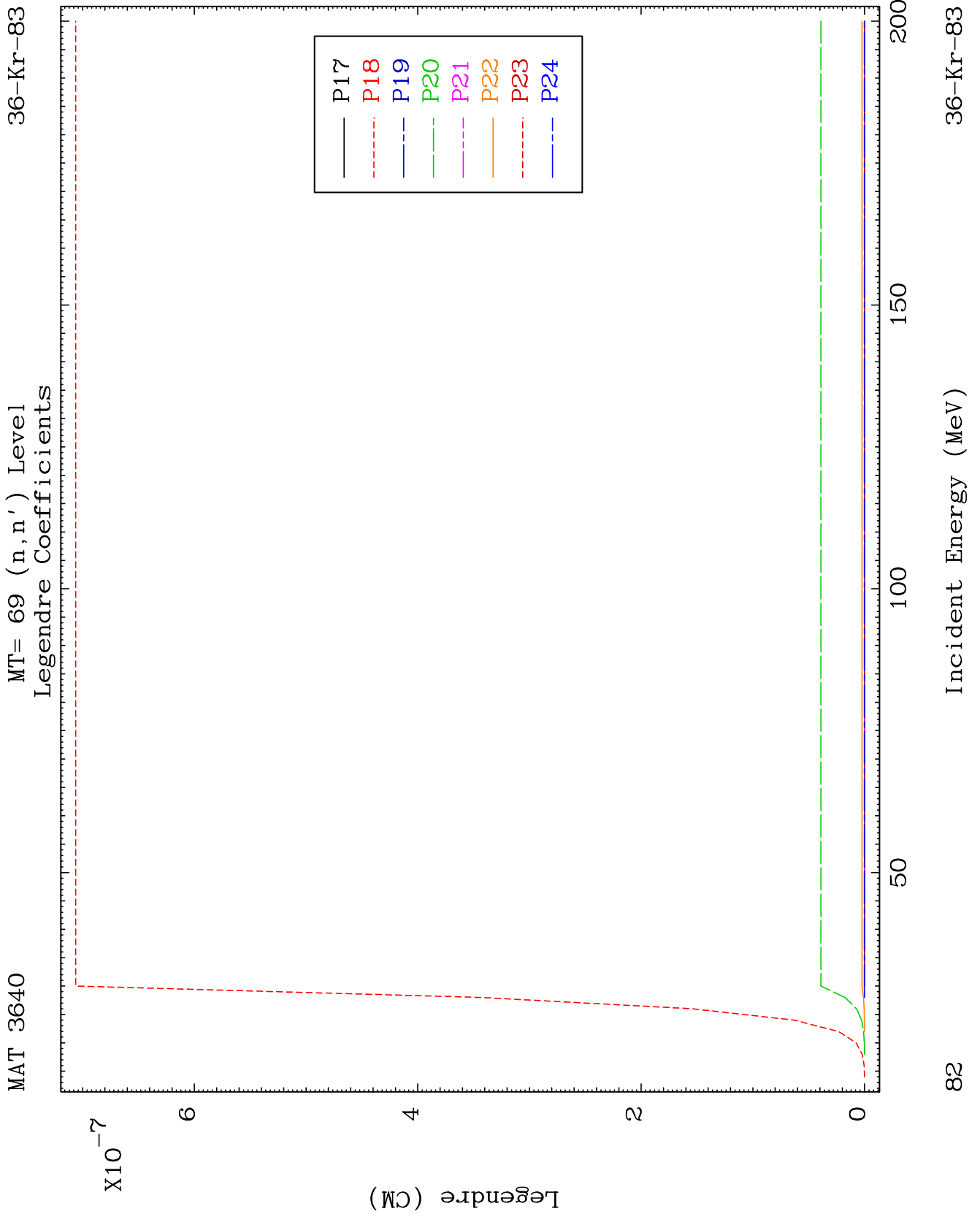
36-Kr-83

Incident Energy (MeV)

76



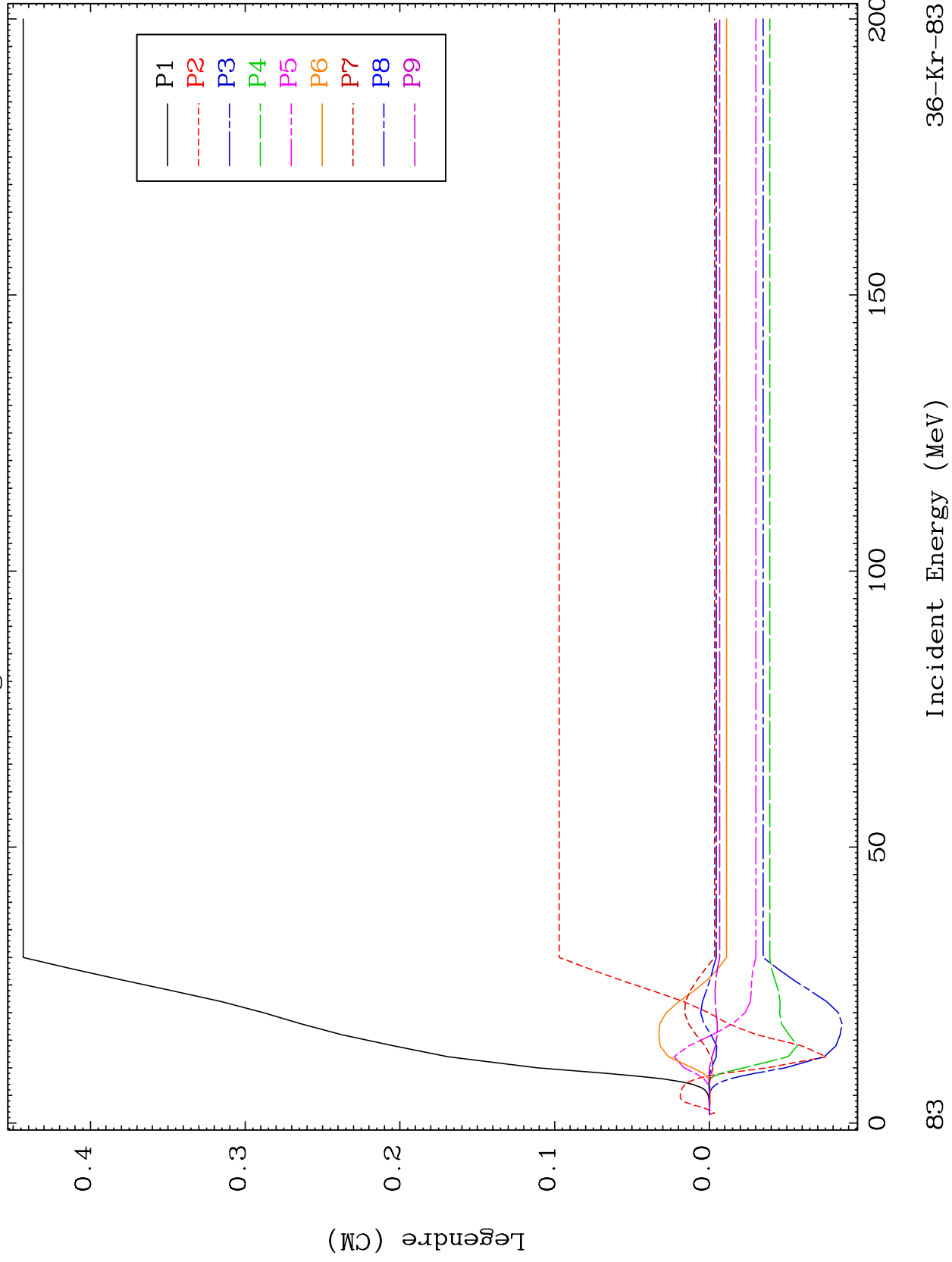




MAT 3640

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

36-Kr-83



36-Kr-83

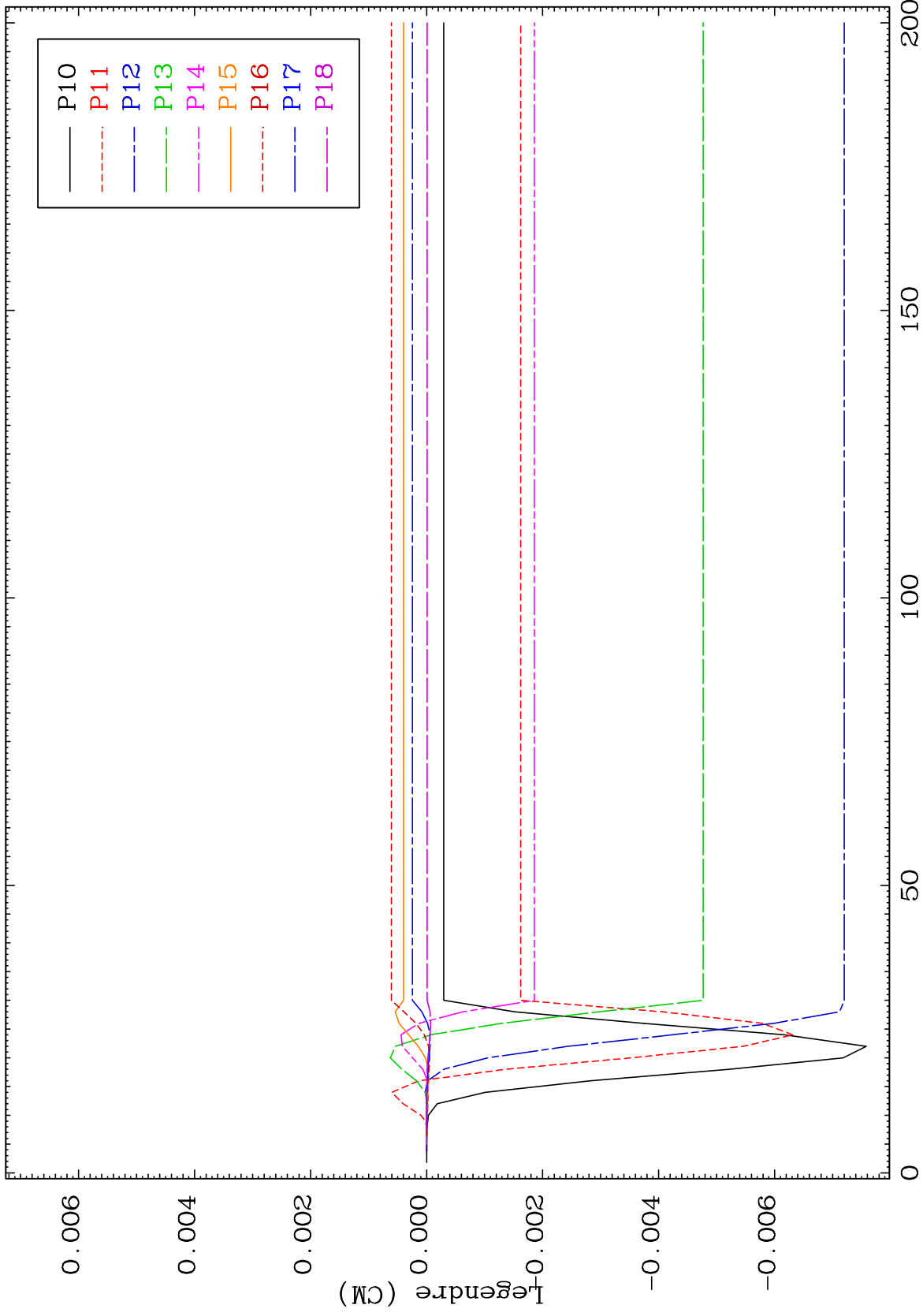
Incident Energy (MeV)

83

MAT 3640

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

36-Kr-83



84

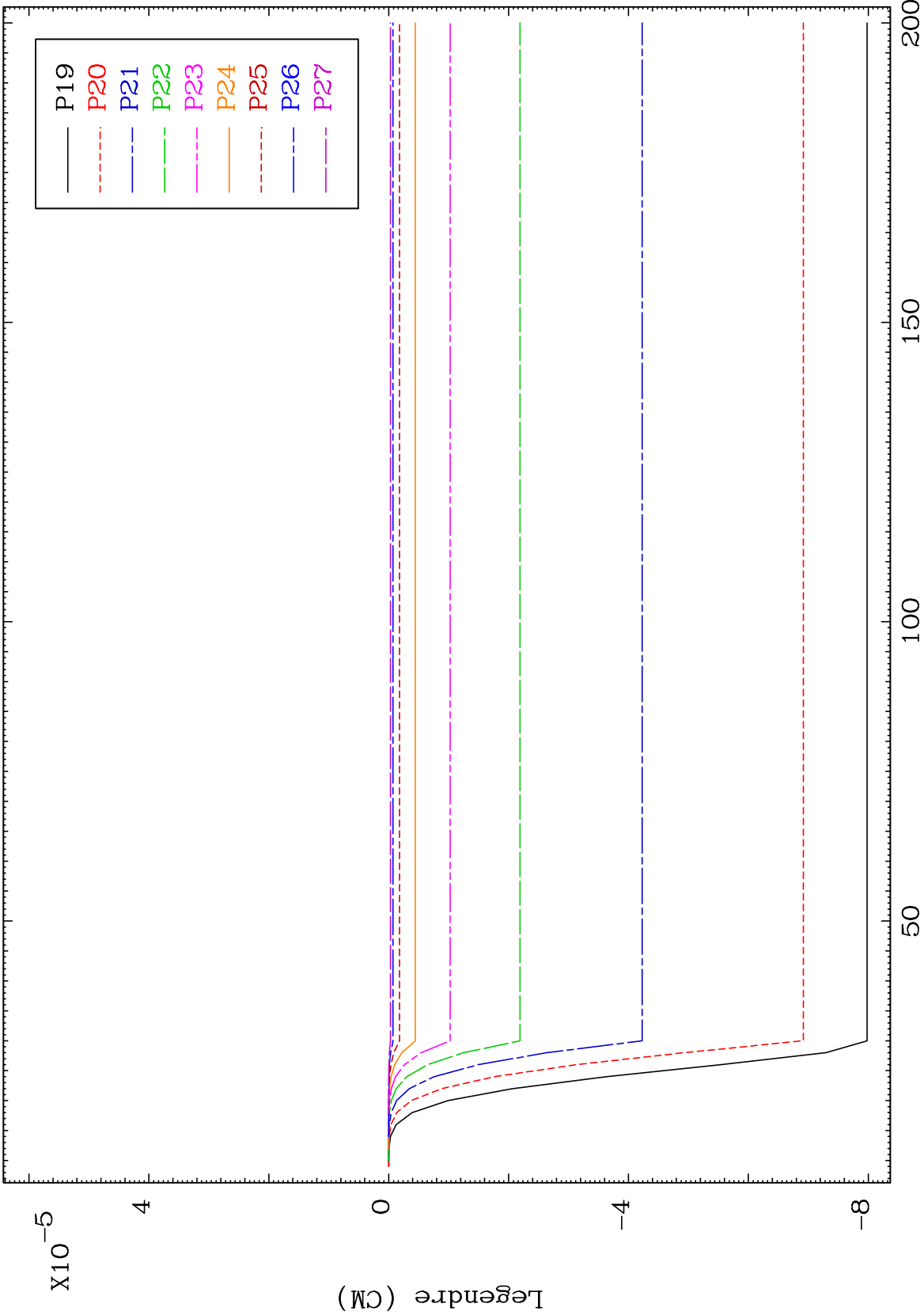
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

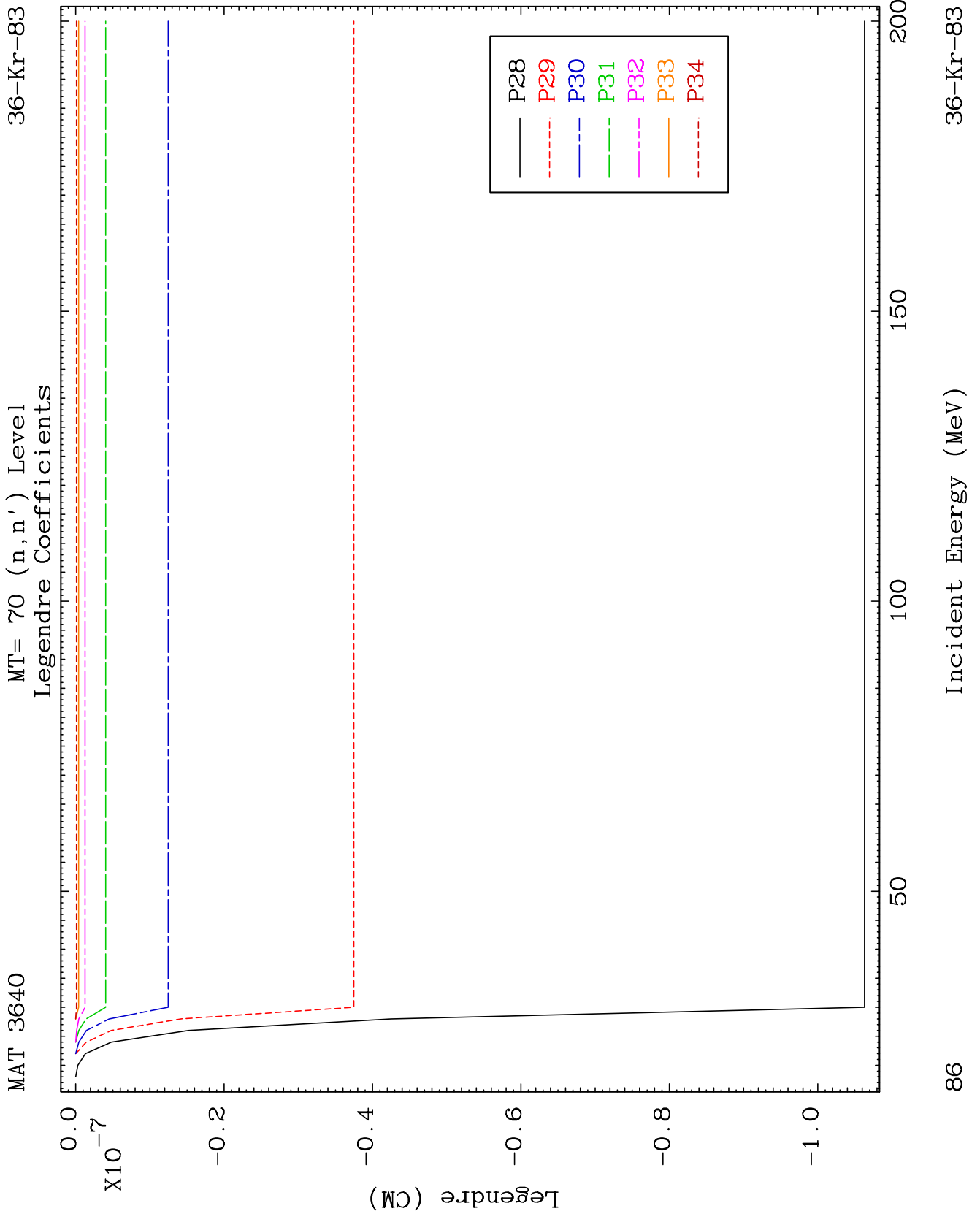
36-Kr-83



85

Incident Energy (MeV)

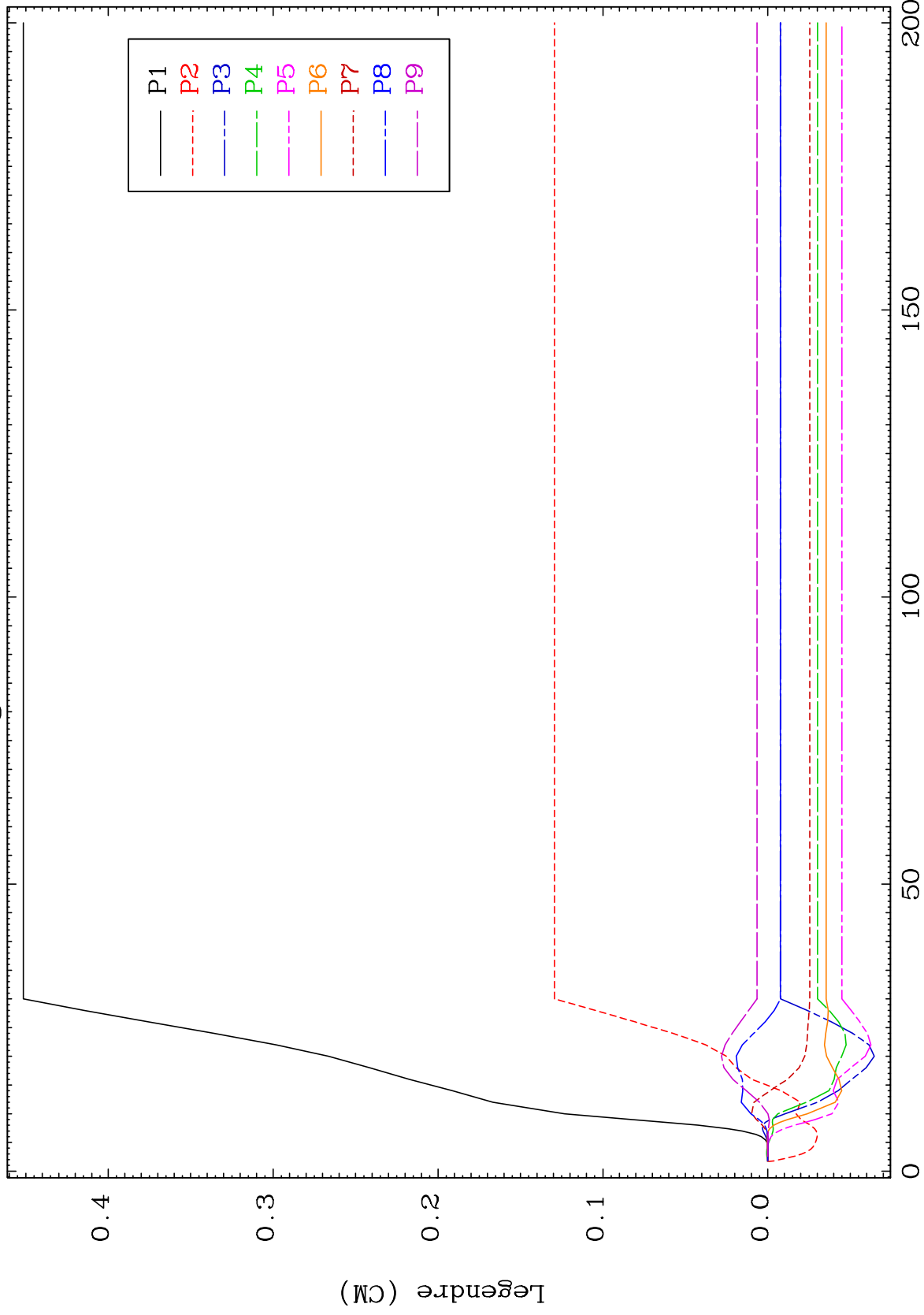
36-Kr-83



MAT 3640

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

36-Kr-83



87

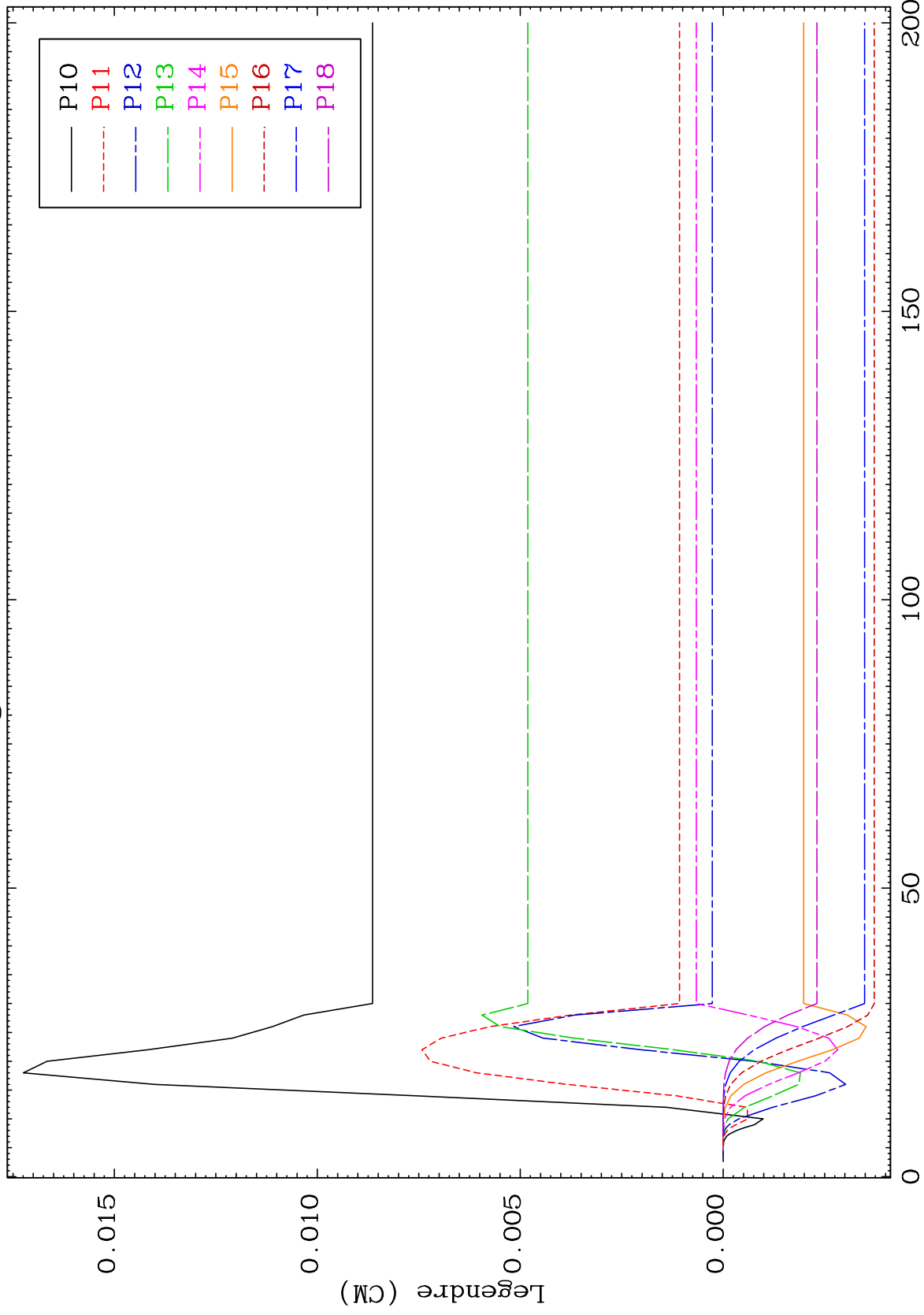
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

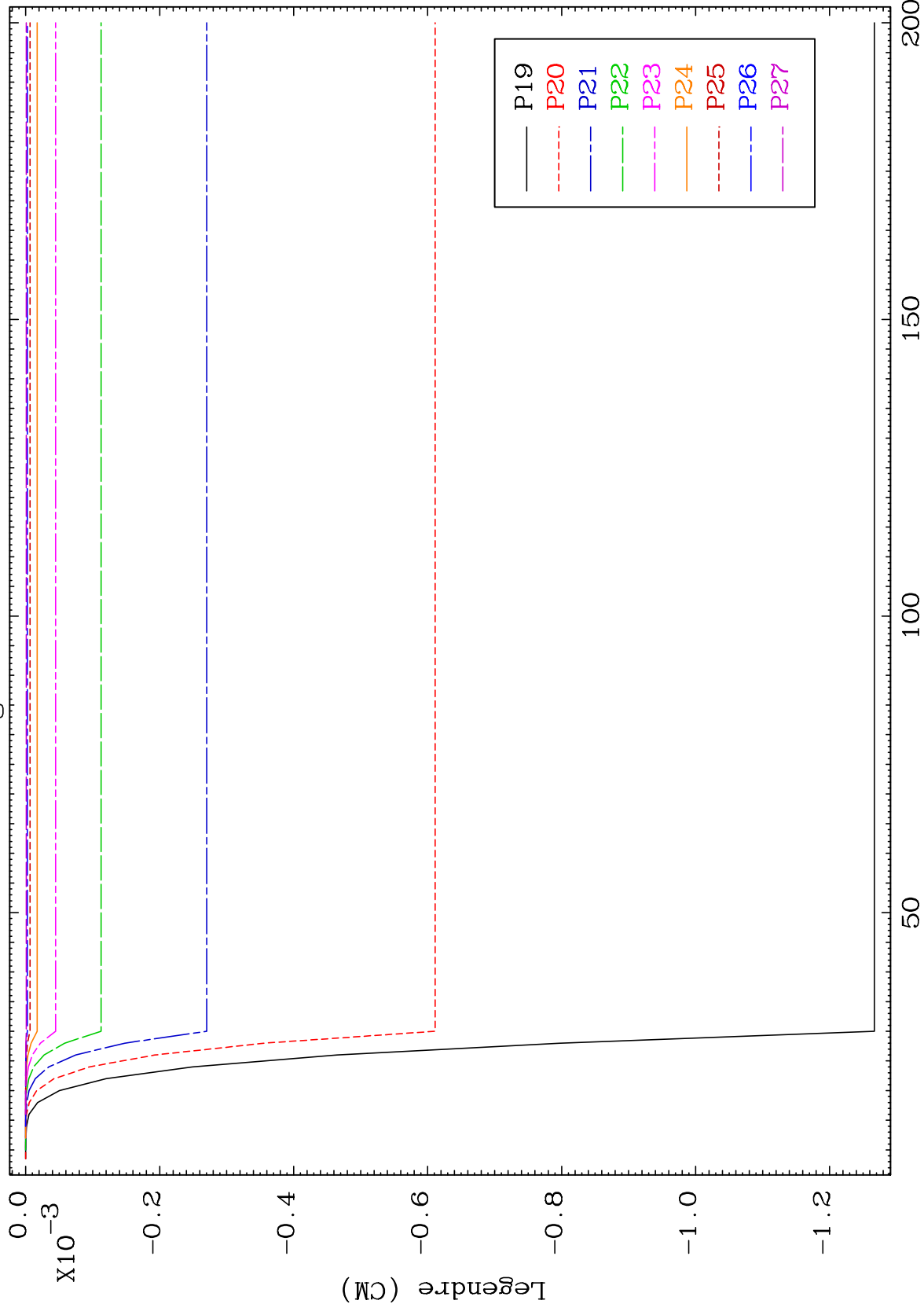
36-Kr-83

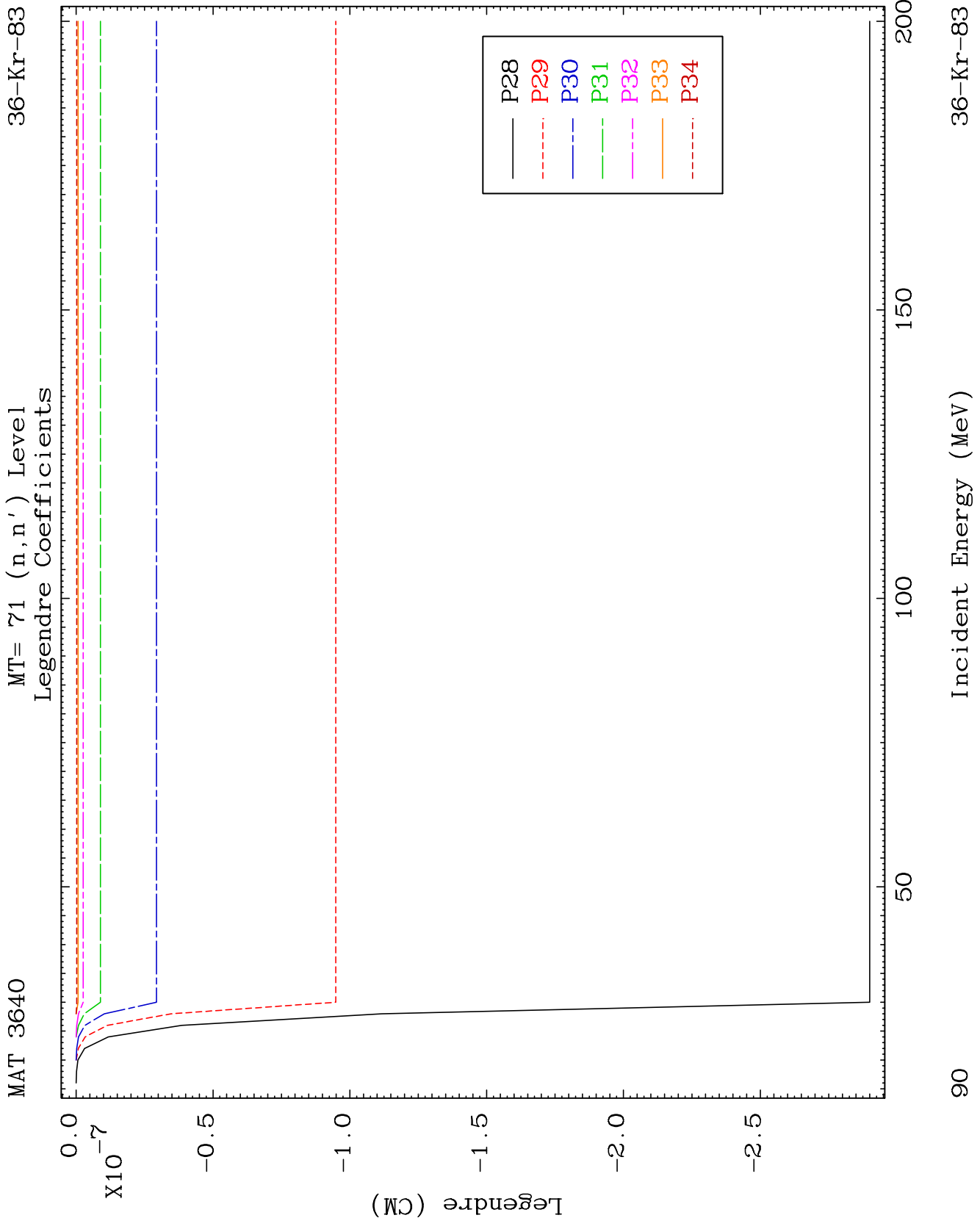


88

Incident Energy (MeV)

36-Kr-83

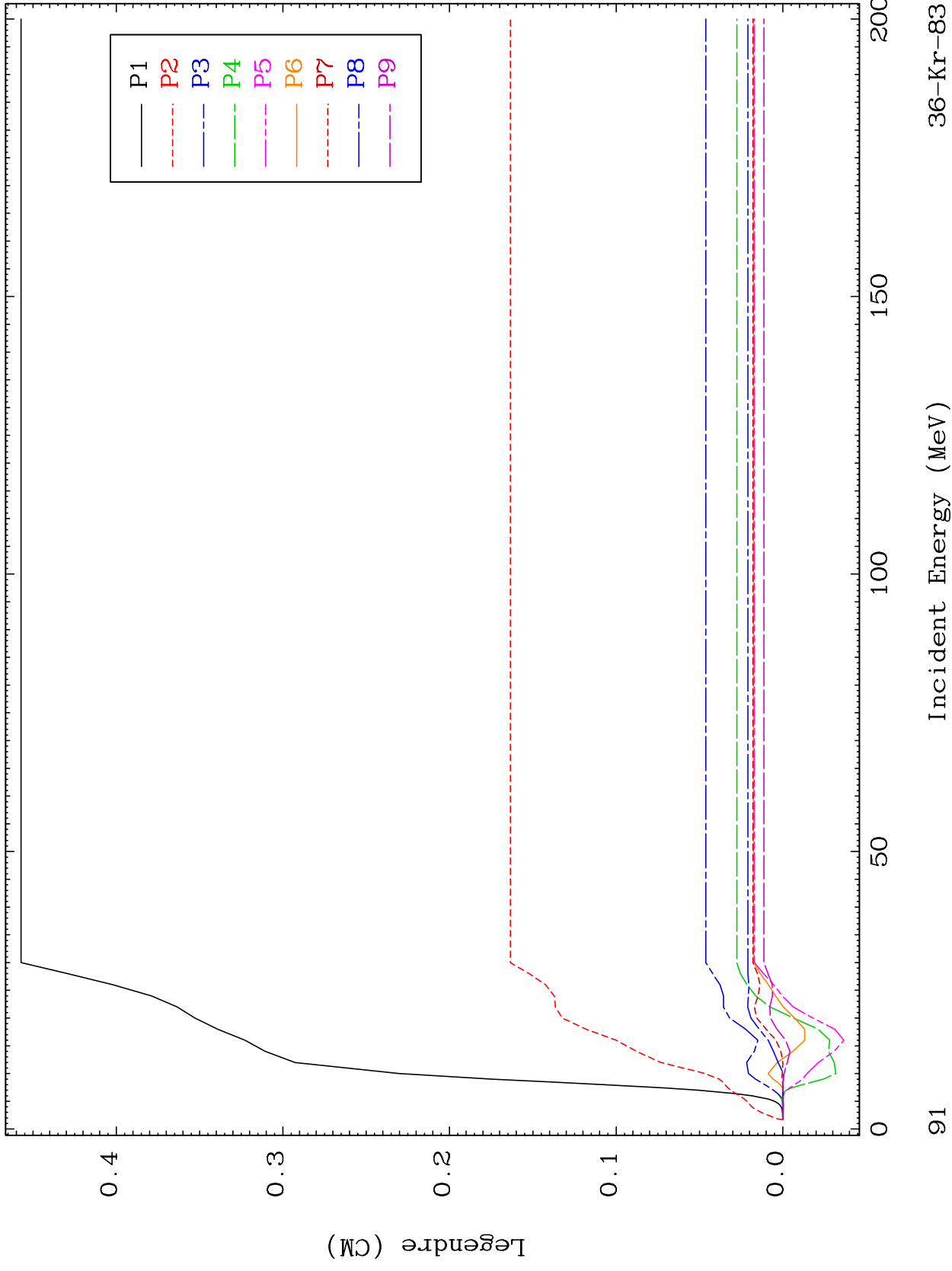




MAT 3640

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

36-Kr-83



91

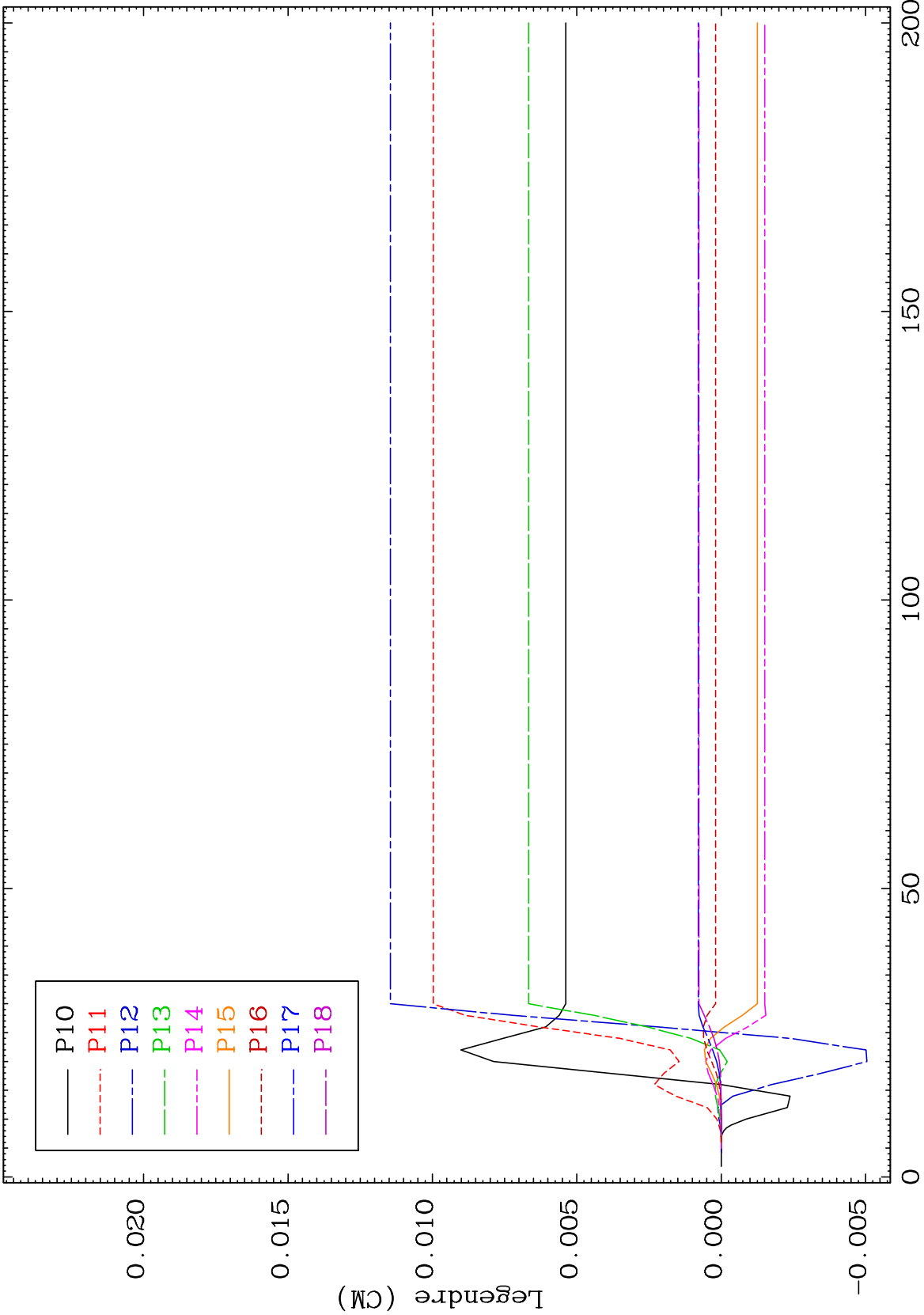
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



92

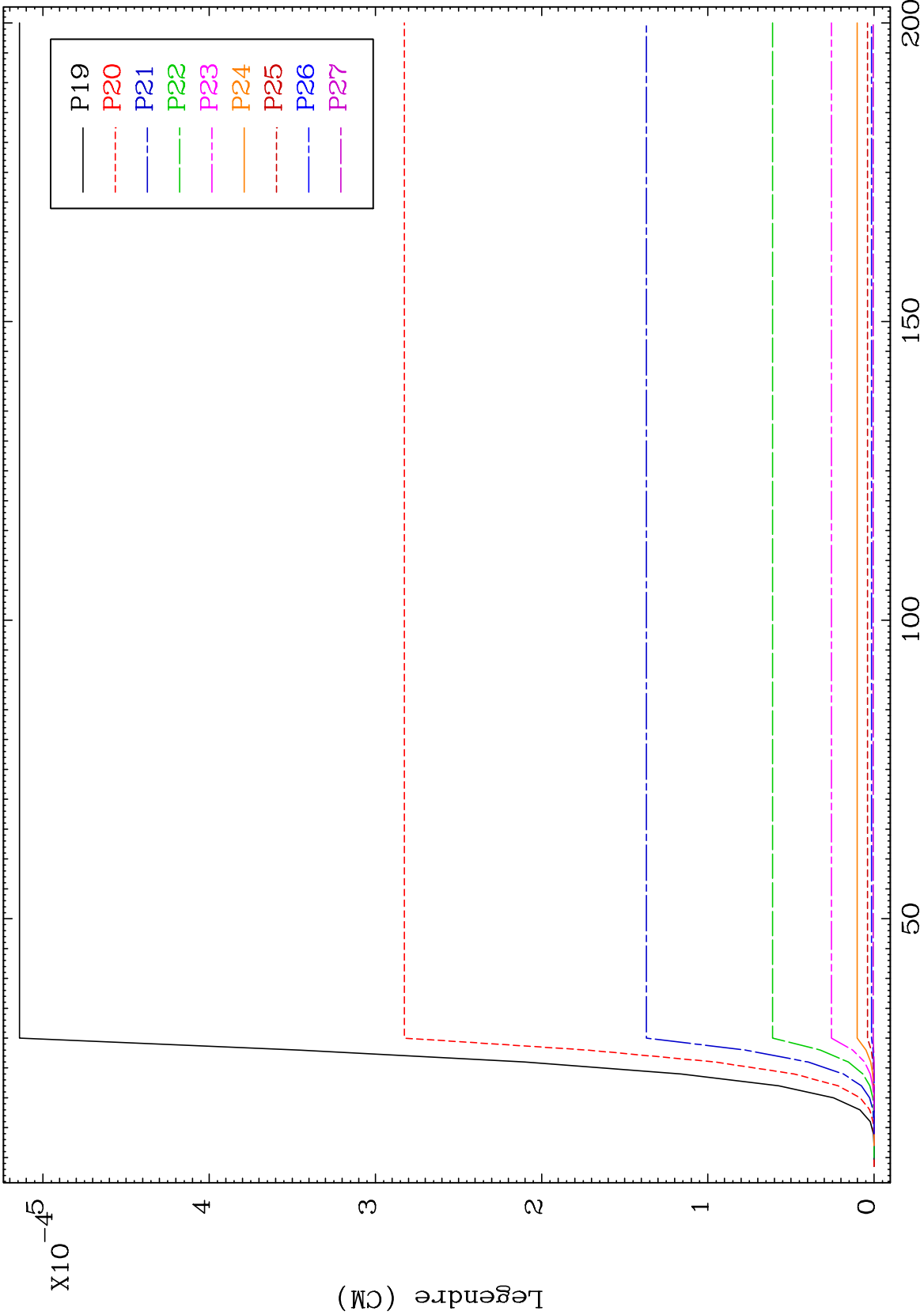
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



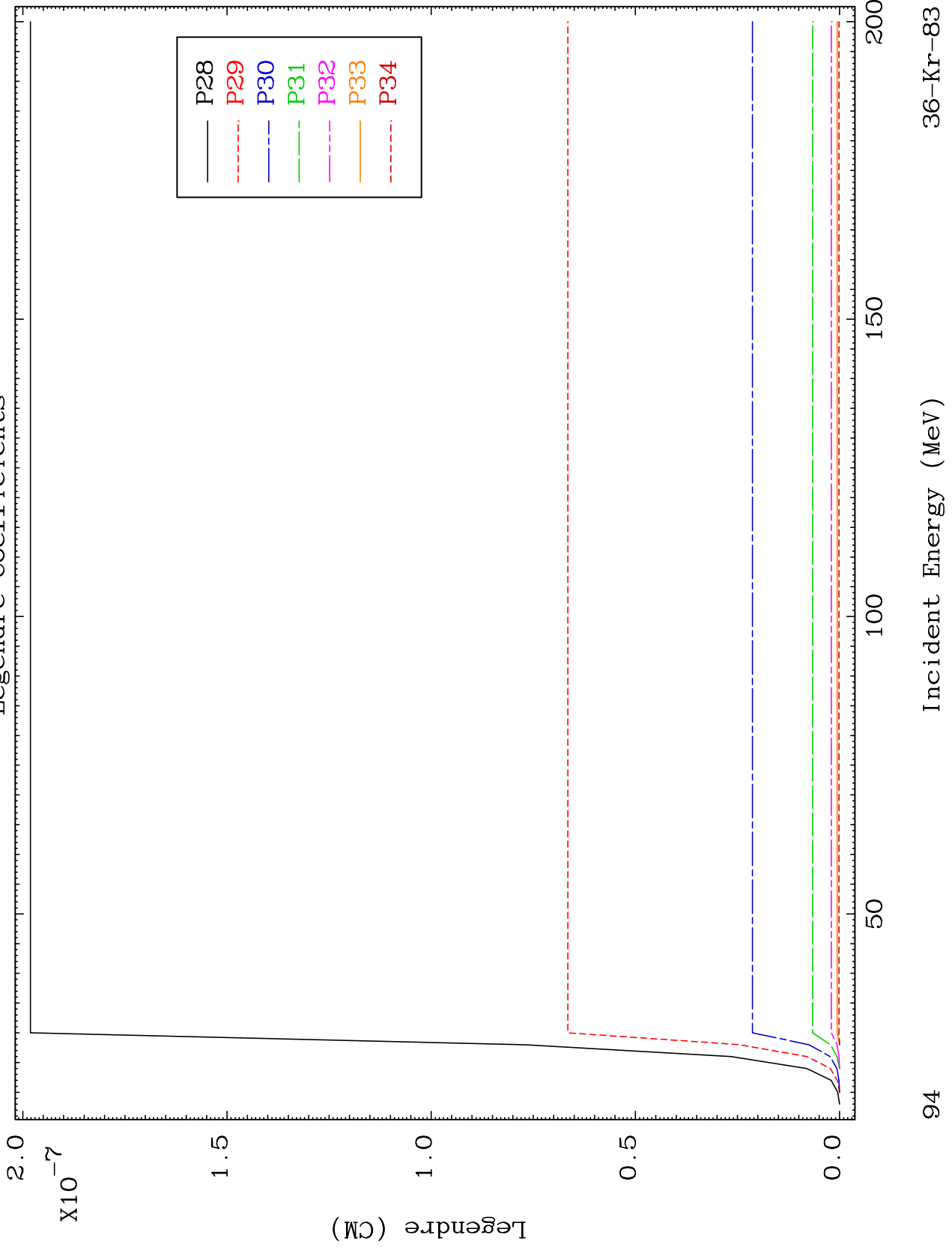
93

36-Kr-83

MAT 3640

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

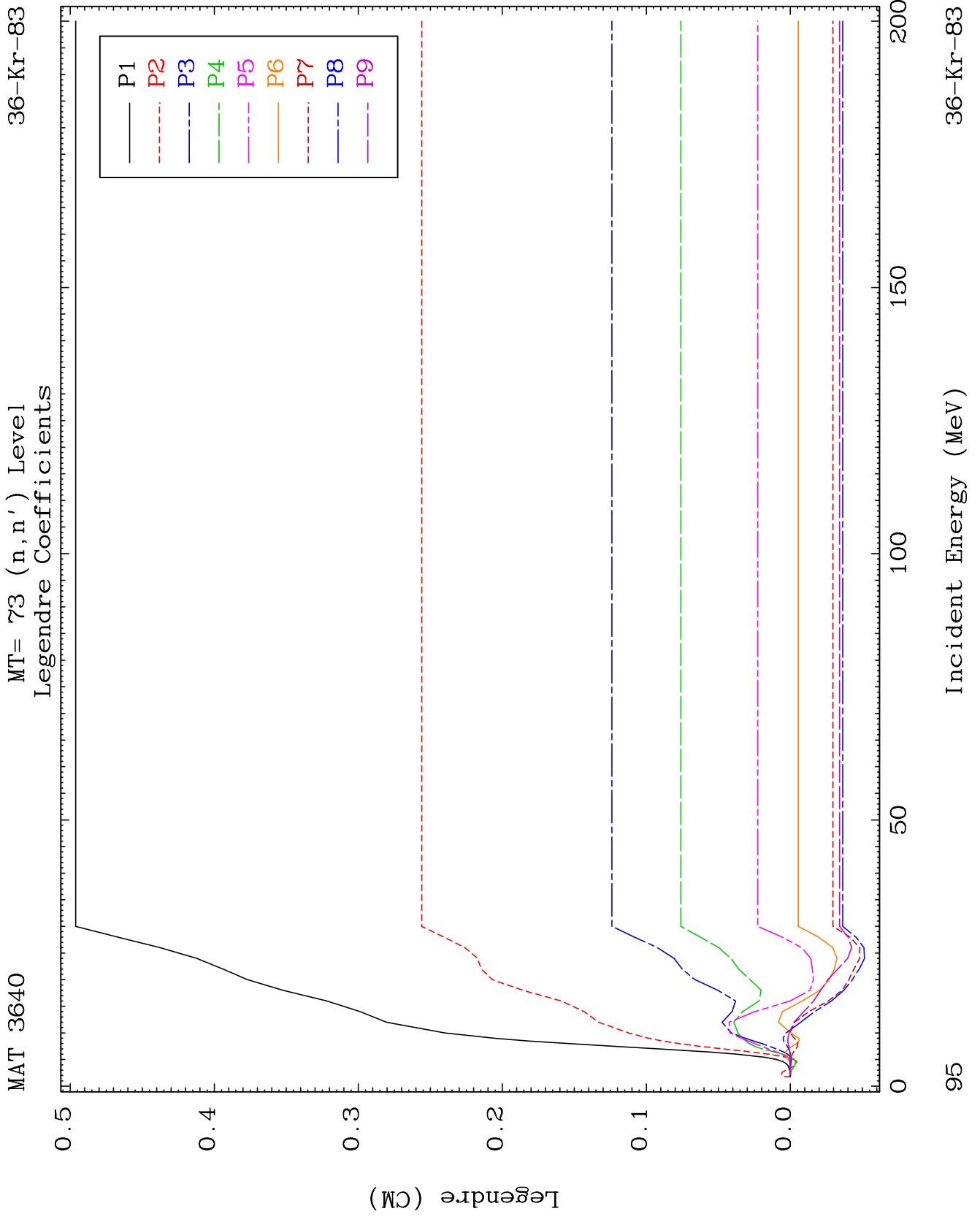
36-Kr-83

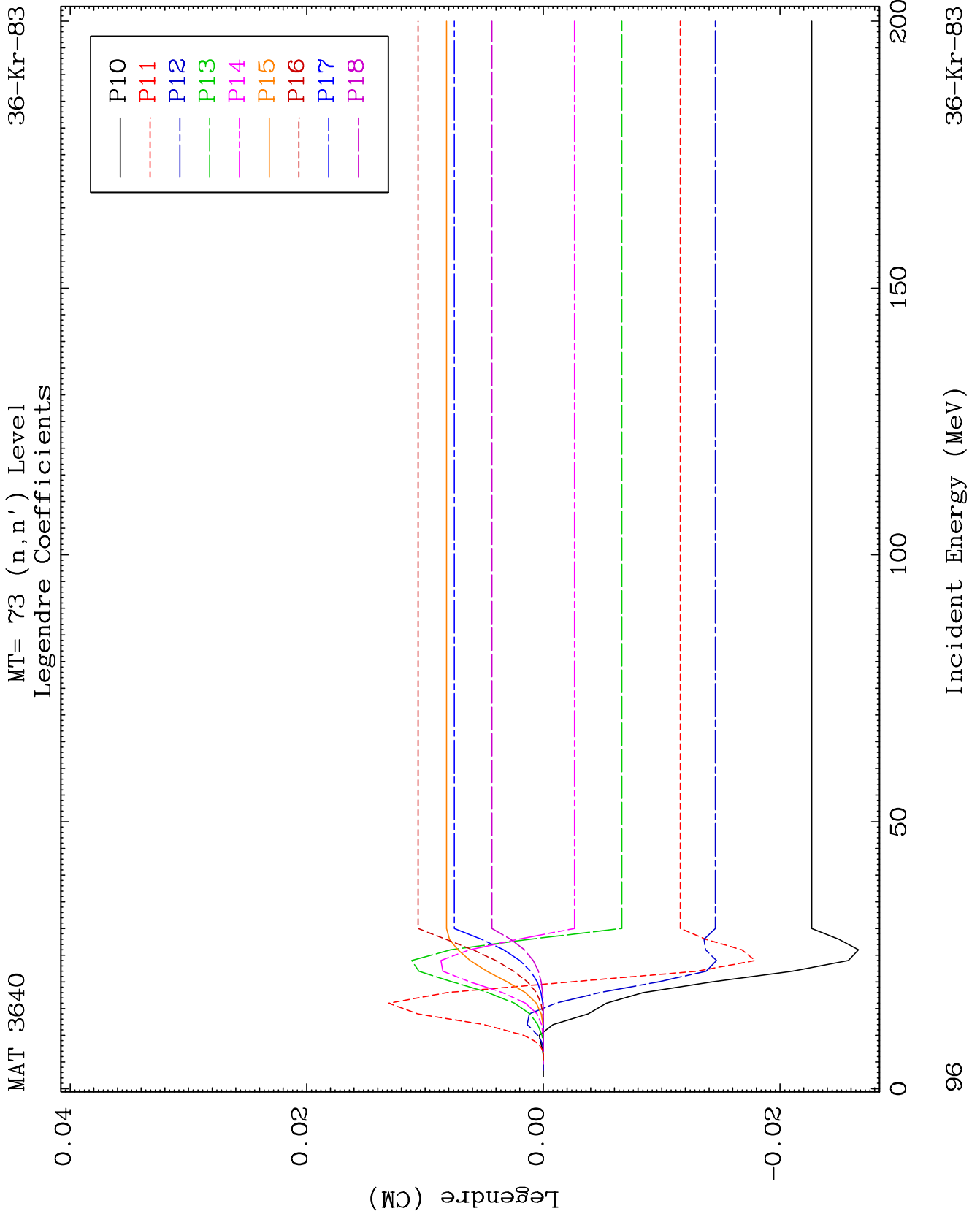


36-Kr-83

Incident Energy (MeV)

94

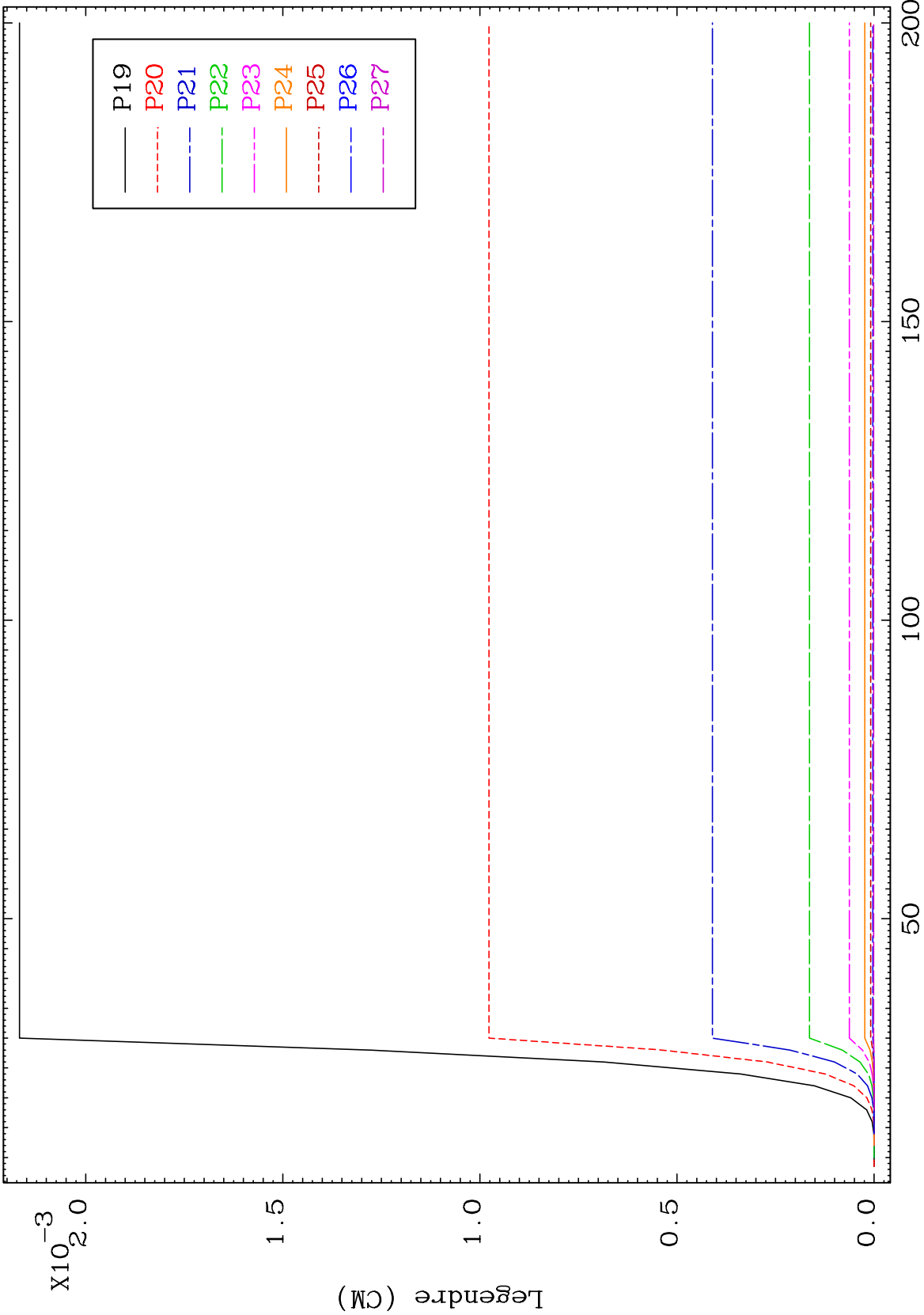




MAT 3640

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

36-Kr-83



97

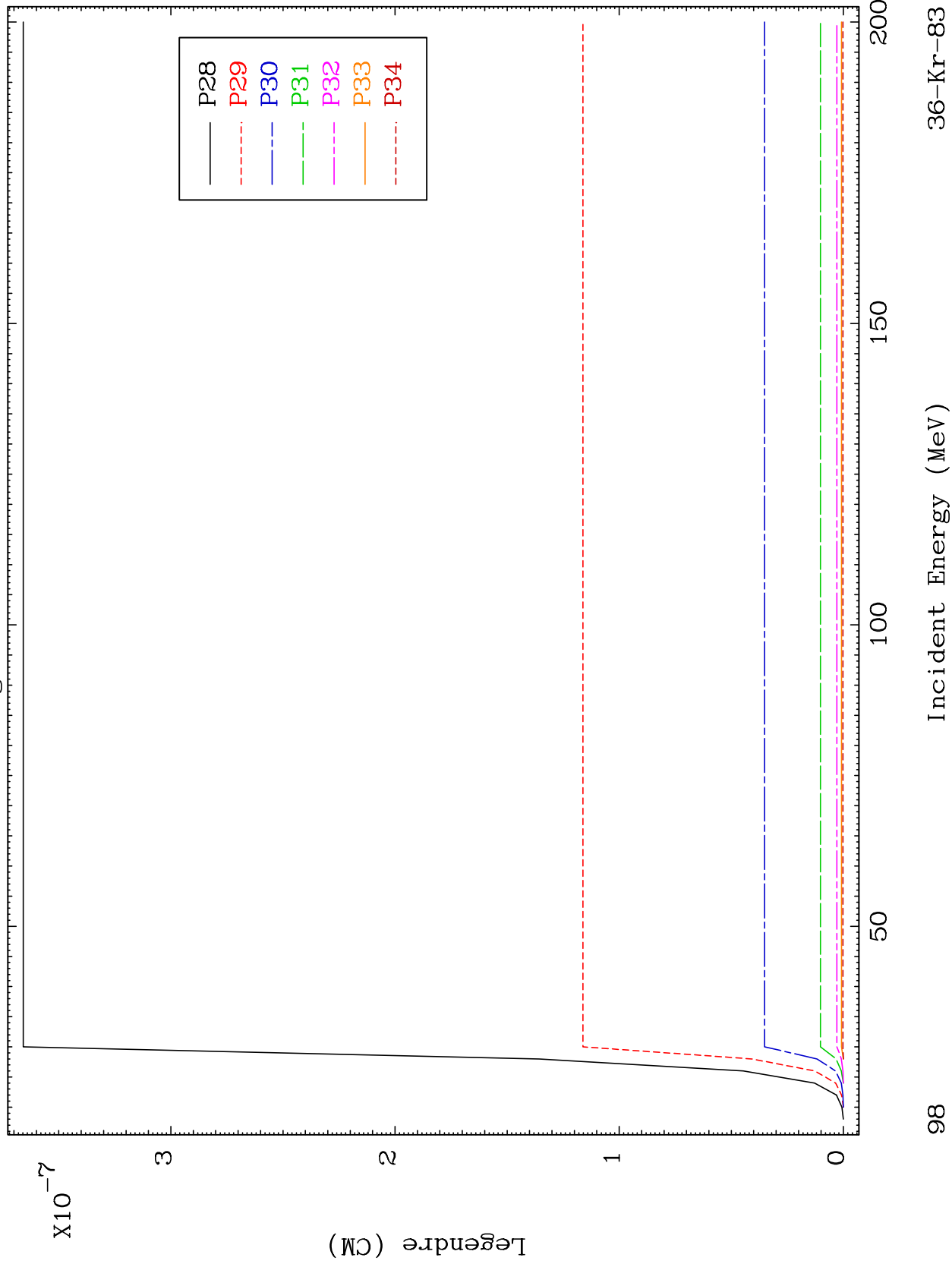
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

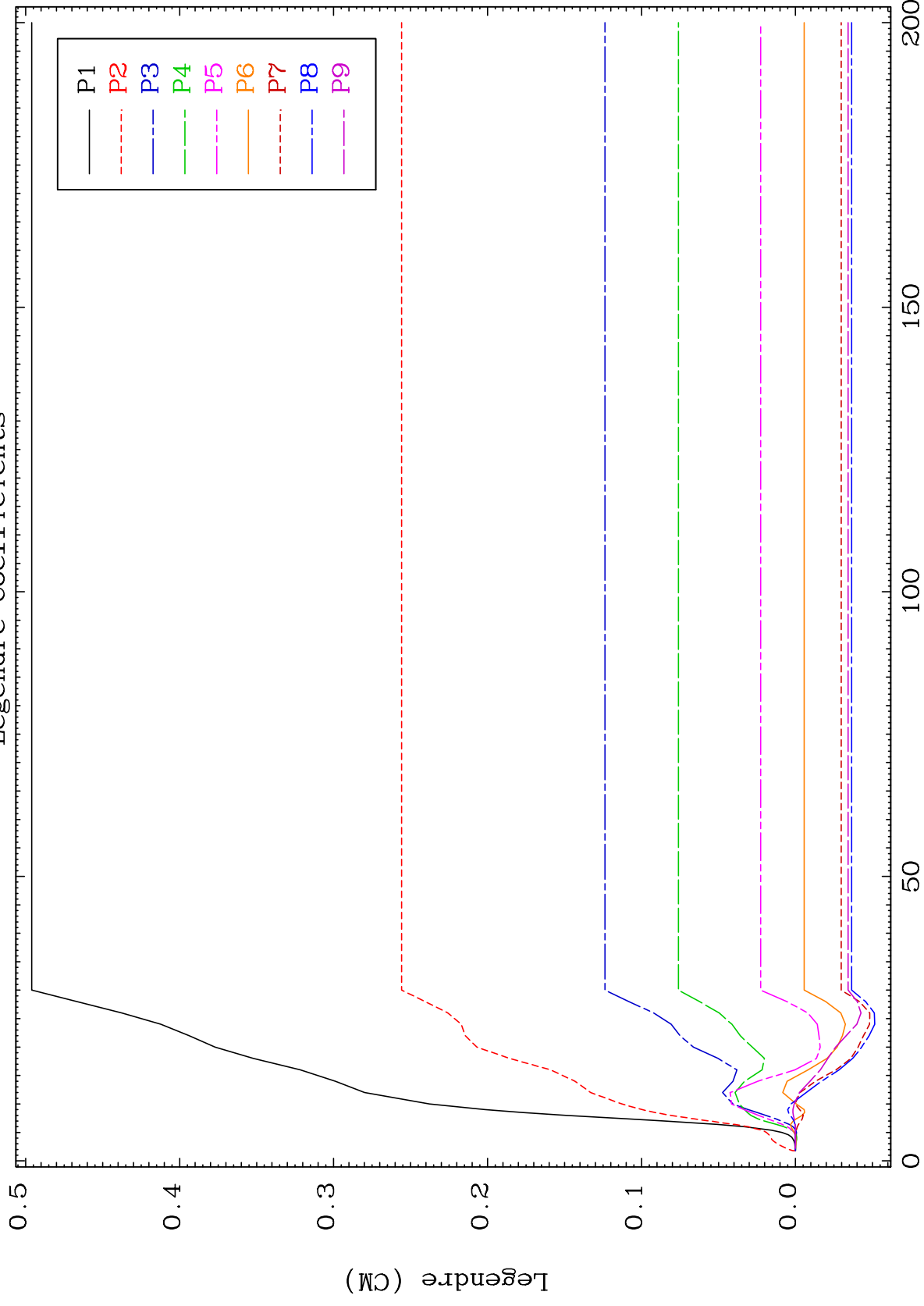
36-Kr-83



MAT 3640

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

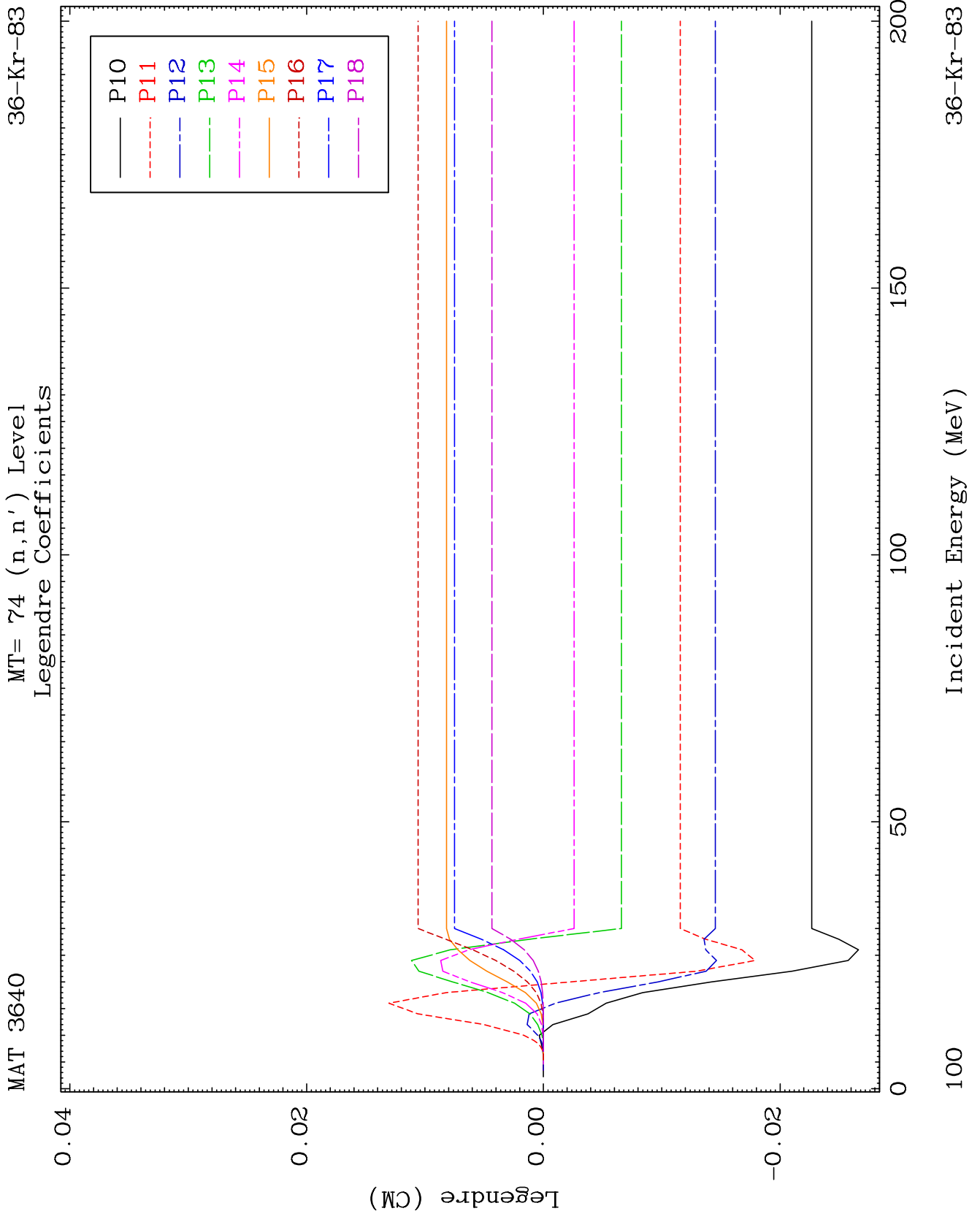
36-Kr-83



99

Incident Energy (MeV)

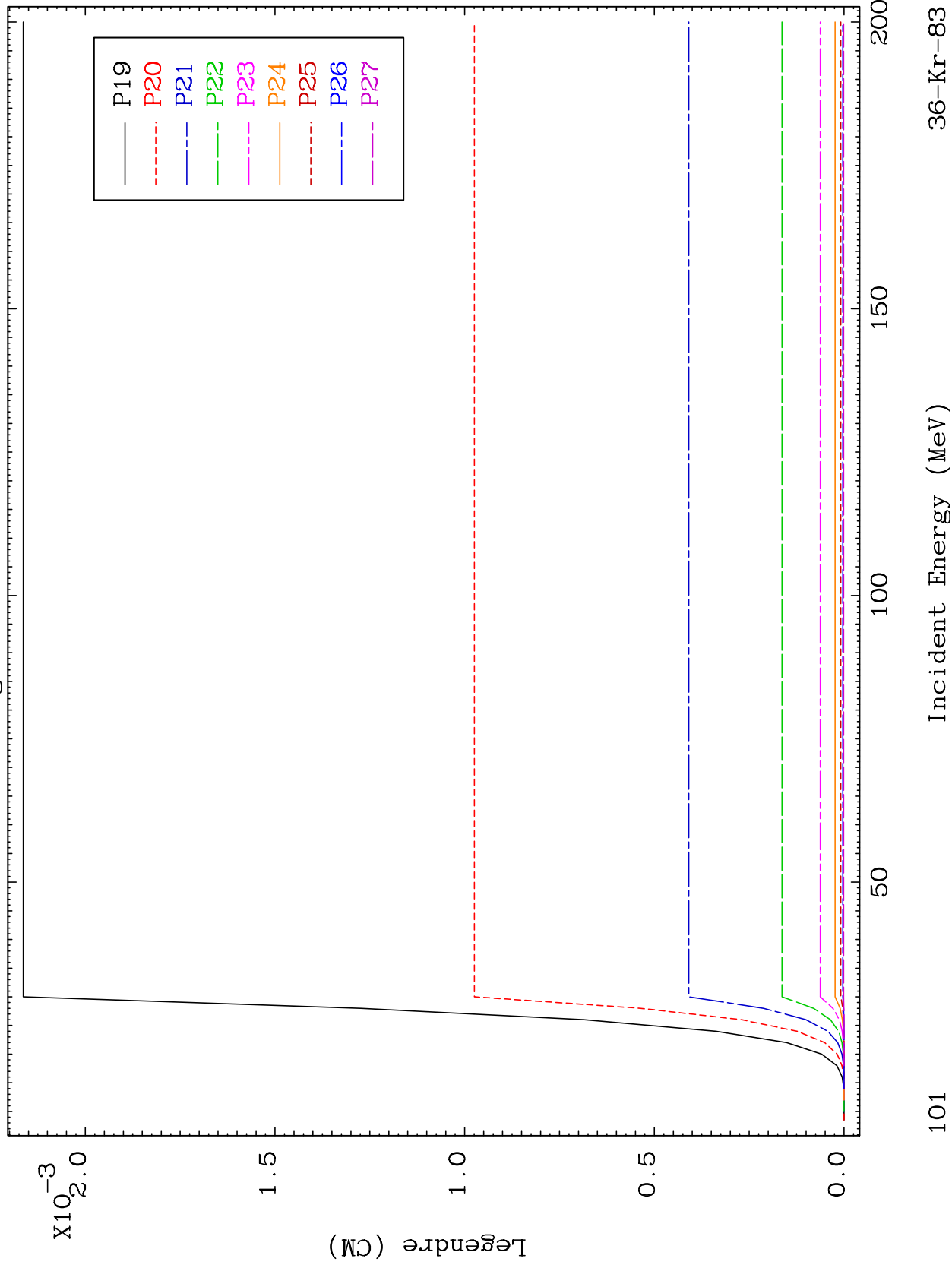
36-Kr-83



MAT 3640

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

36-Kr-83



101

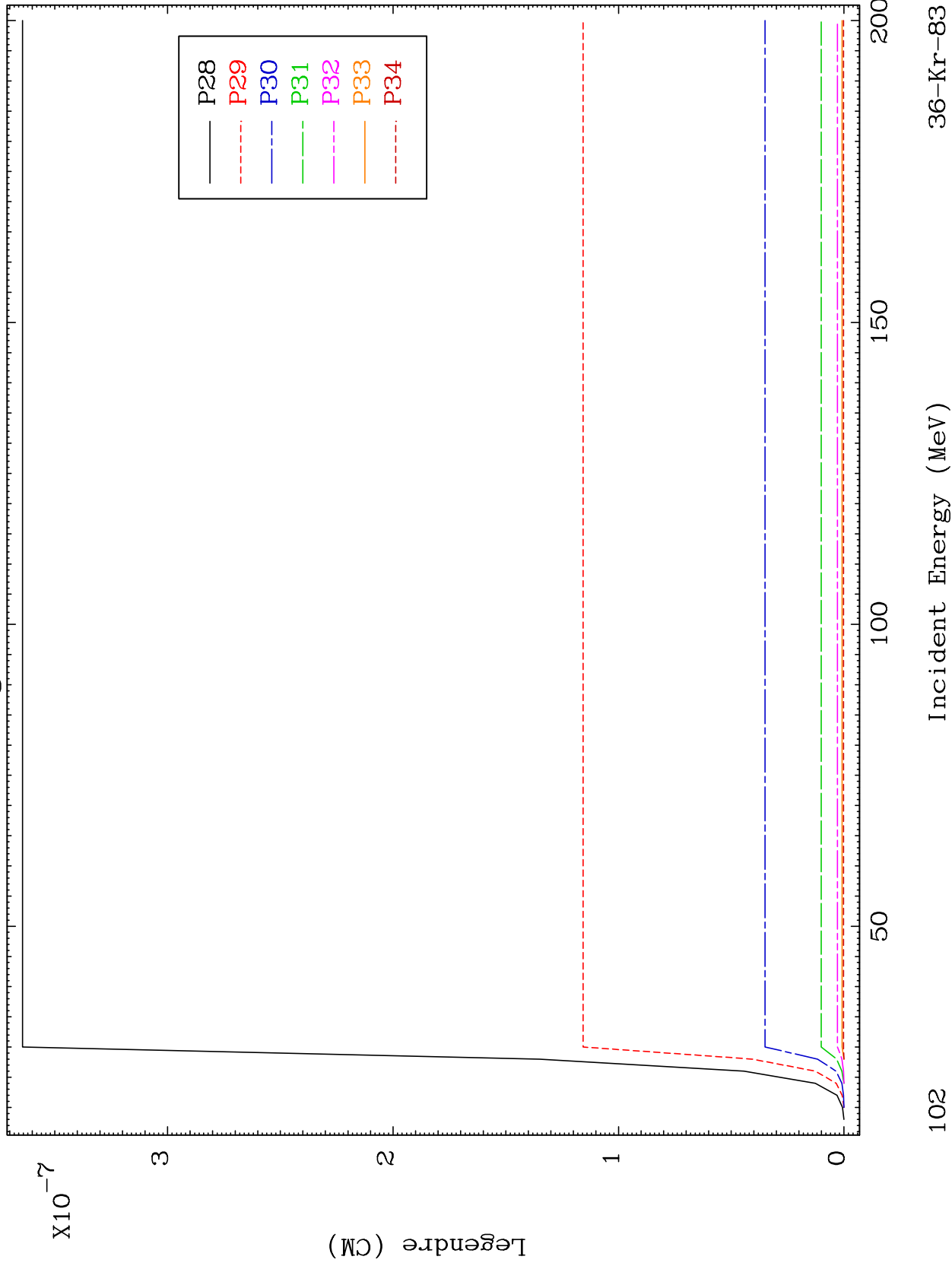
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



102

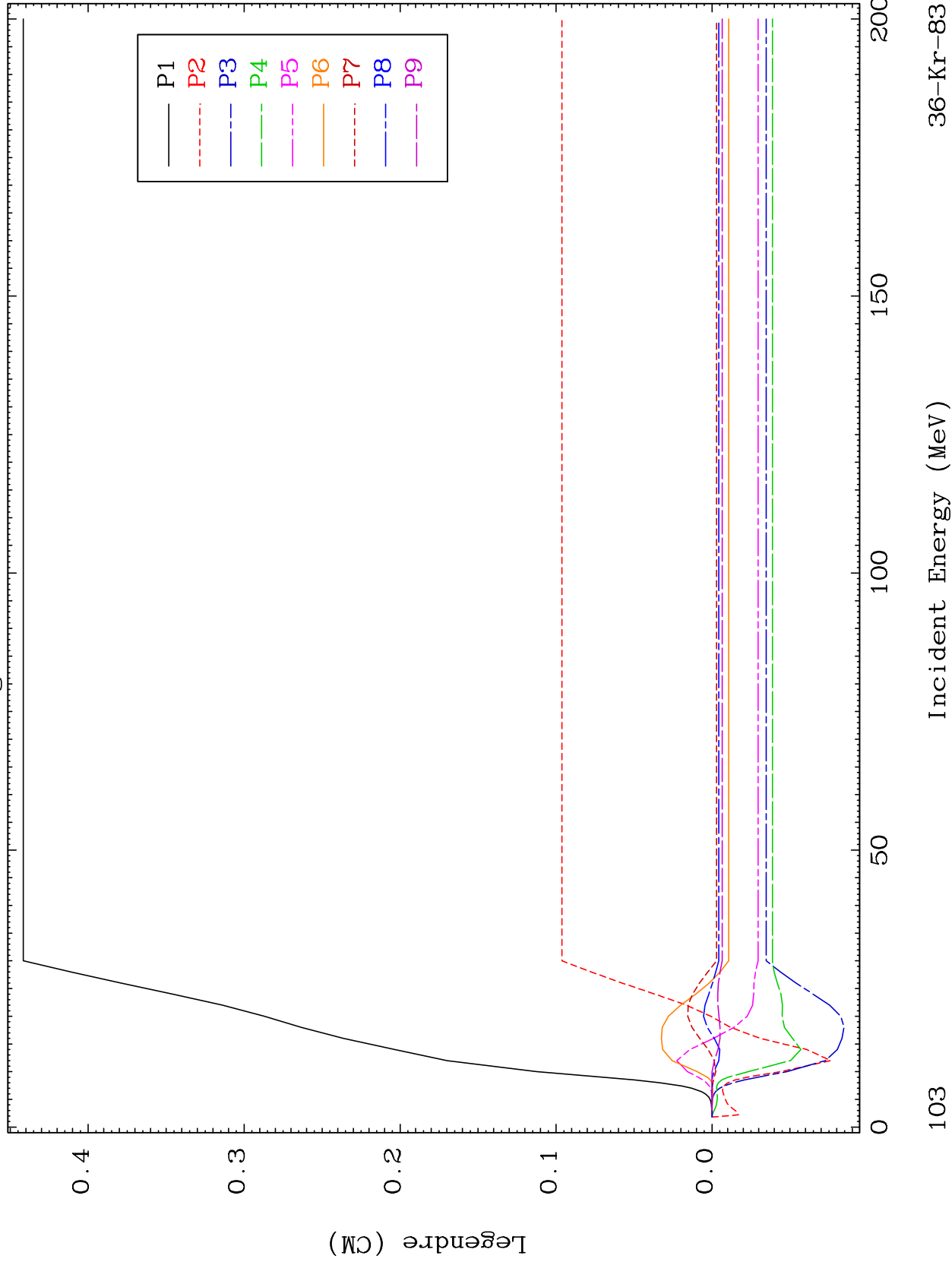
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



103

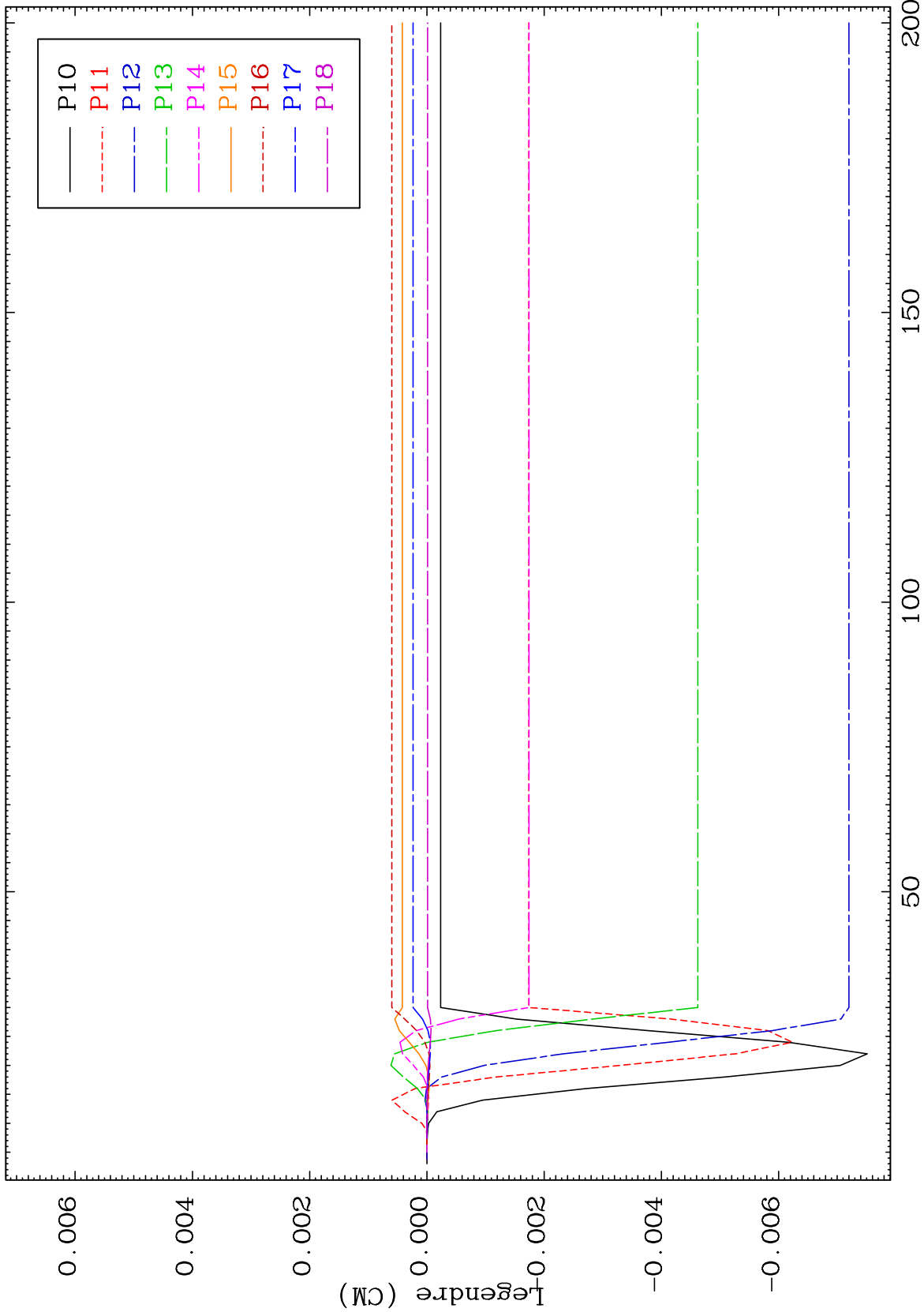
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



104

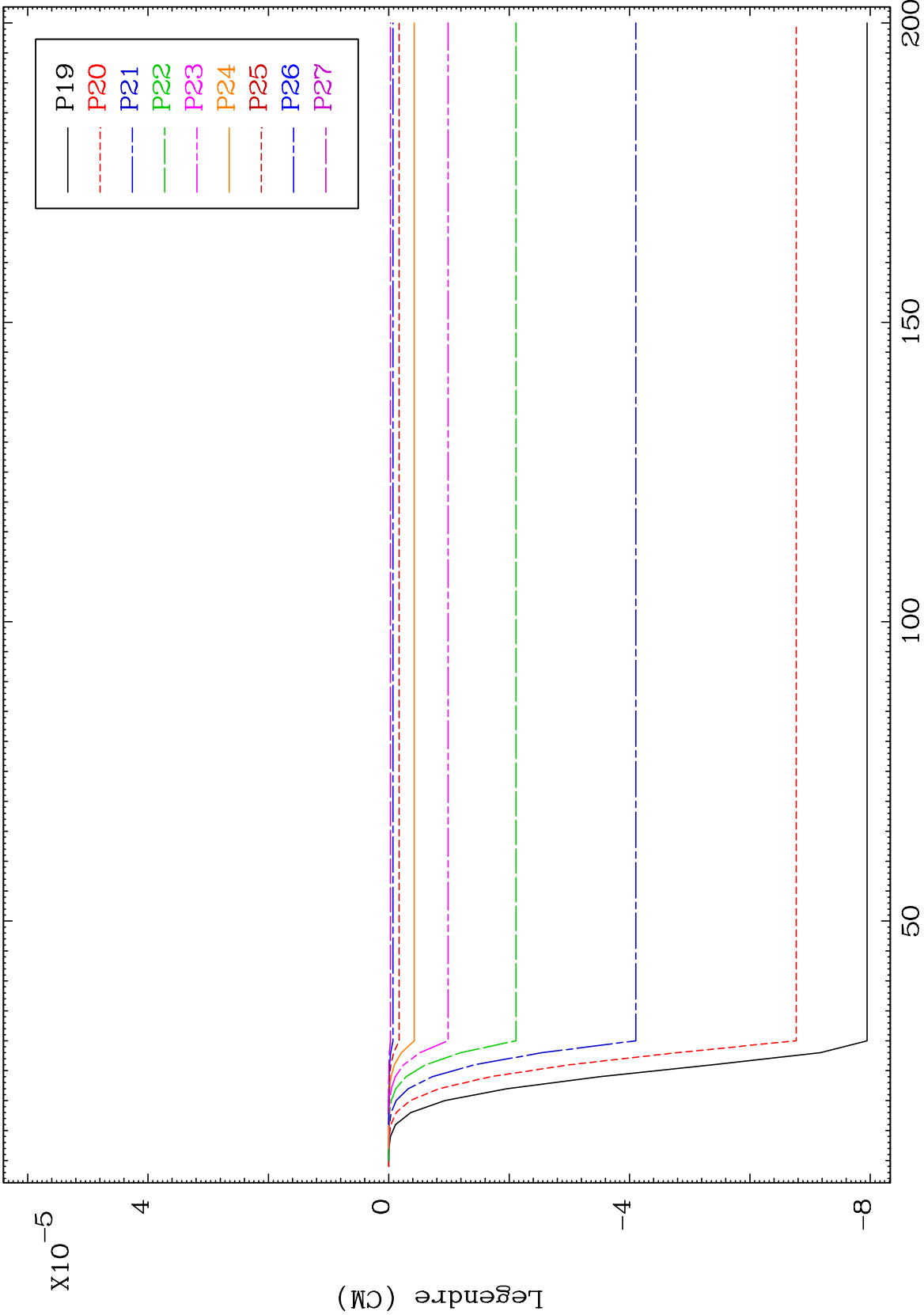
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

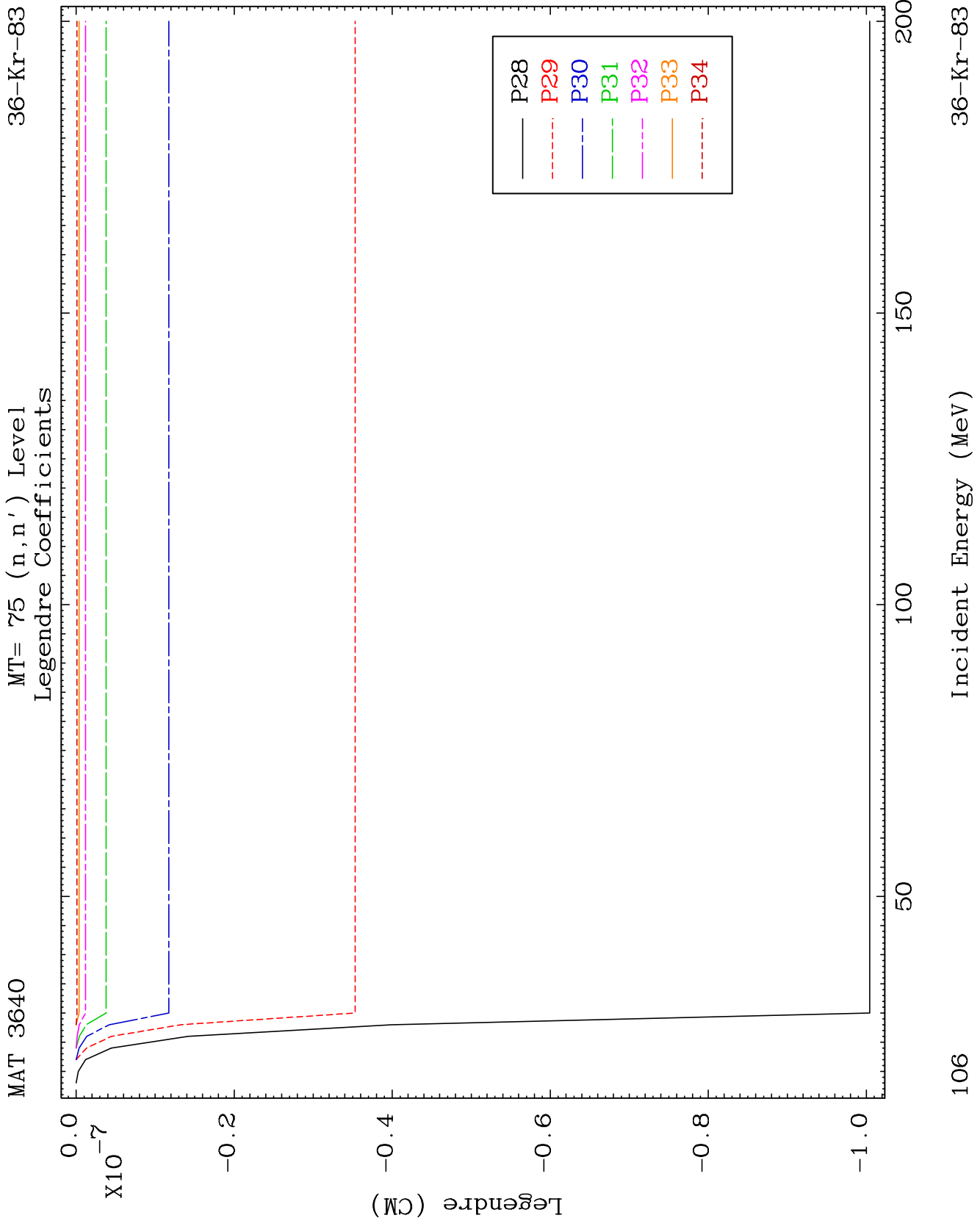
36-Kr-83



105

Incident Energy (MeV)

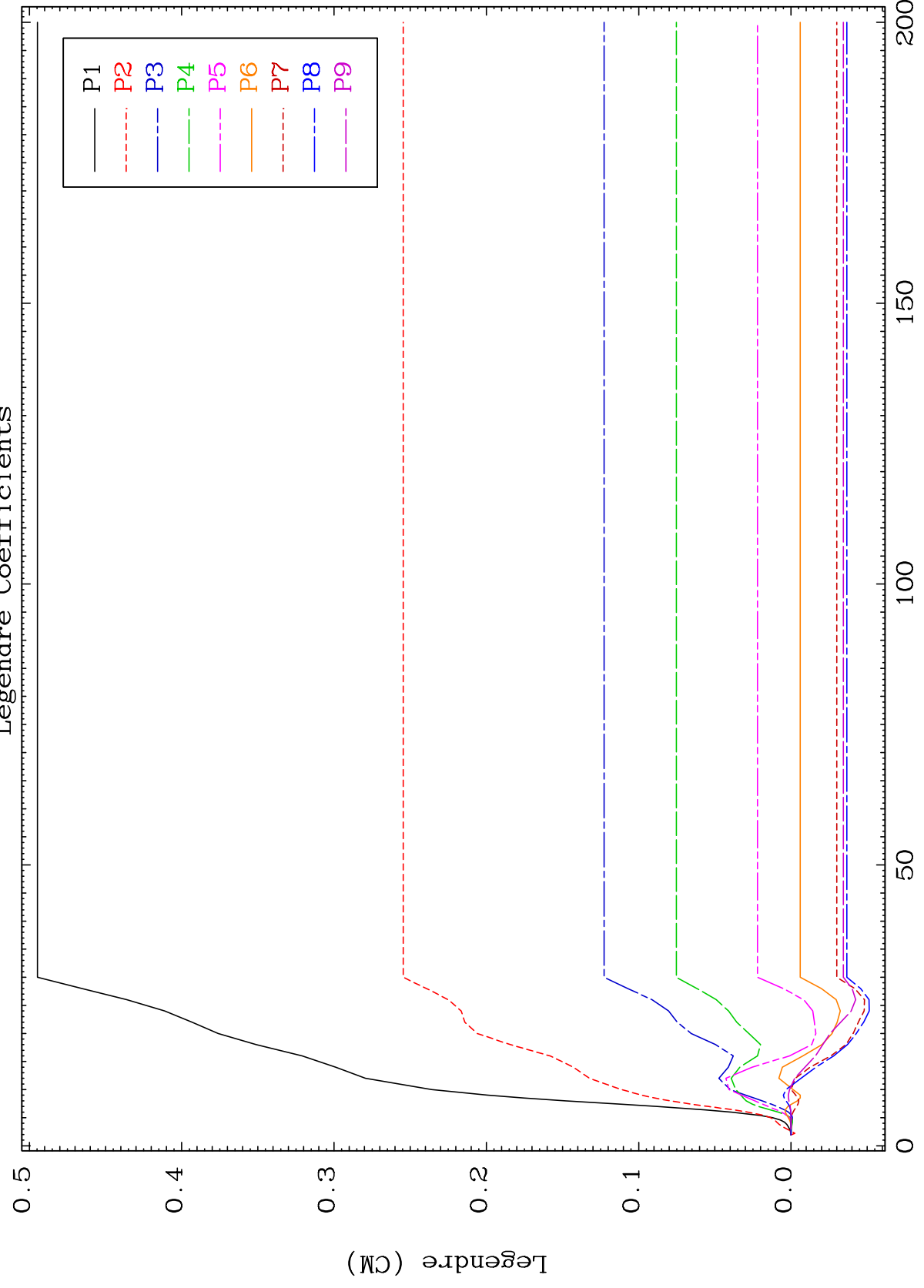
36-Kr-83



MAT 3640

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

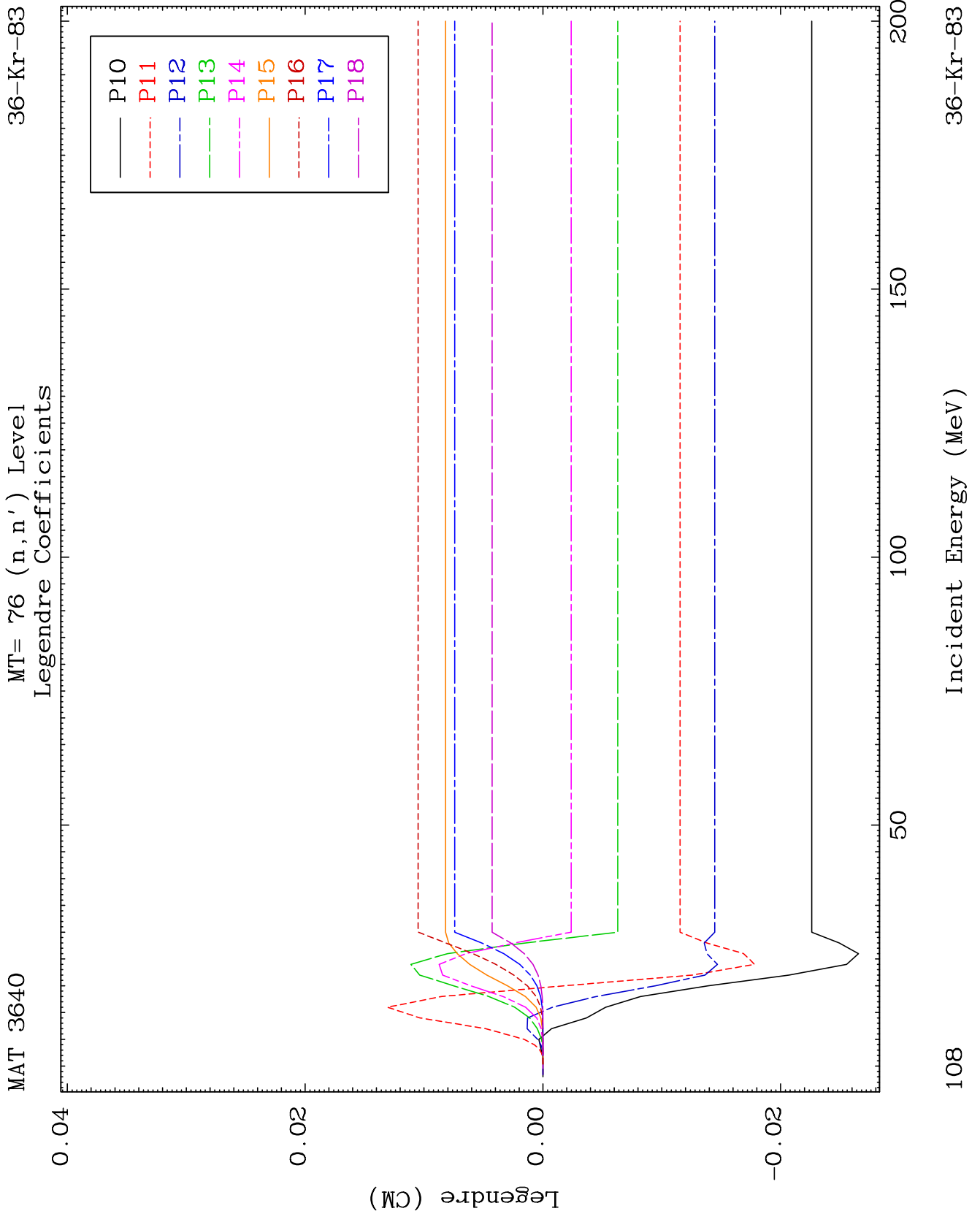
36-Kr-83



36-Kr-83

Incident Energy (MeV)

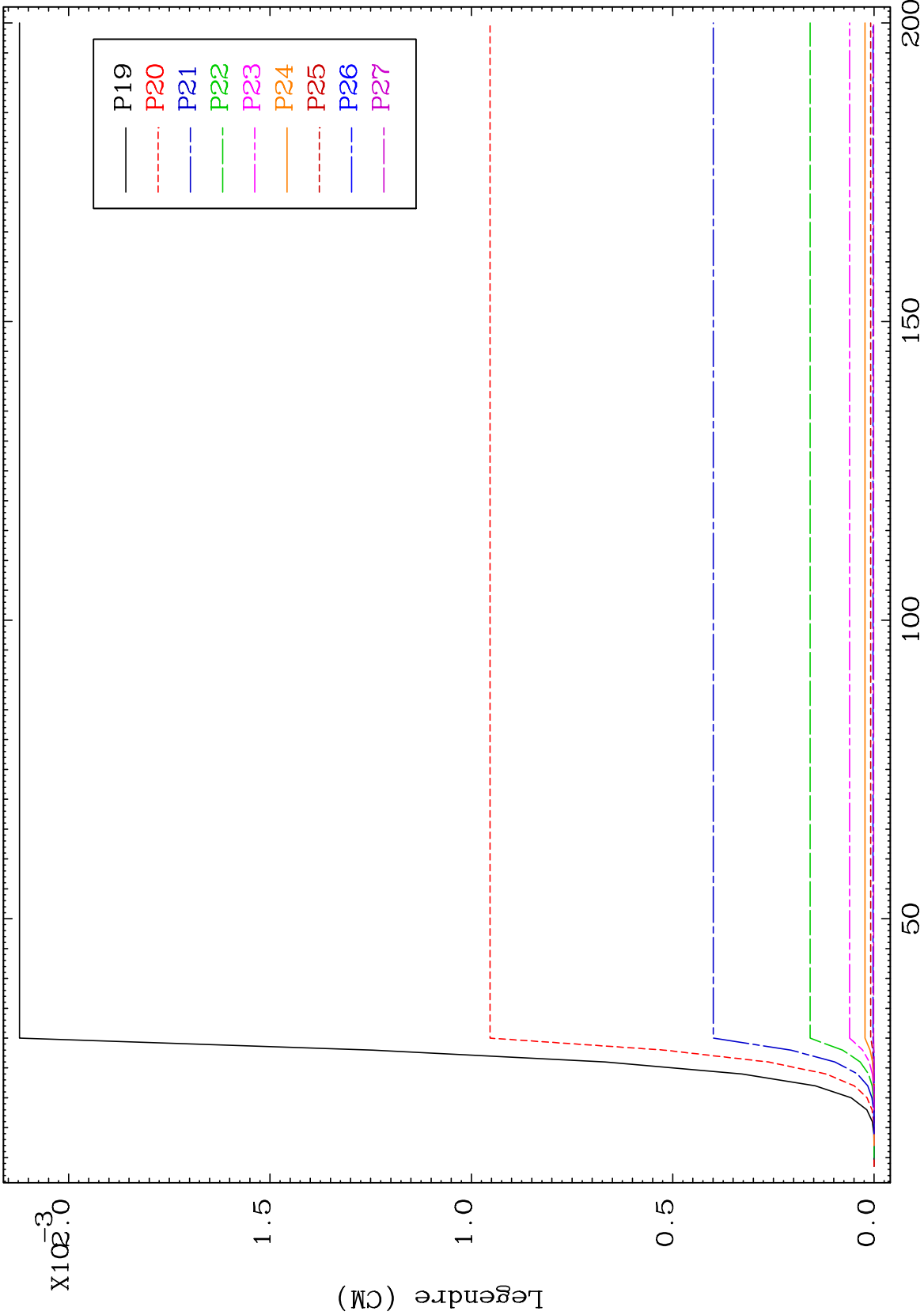
107



MAT 3640

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

36-Kr-83



109

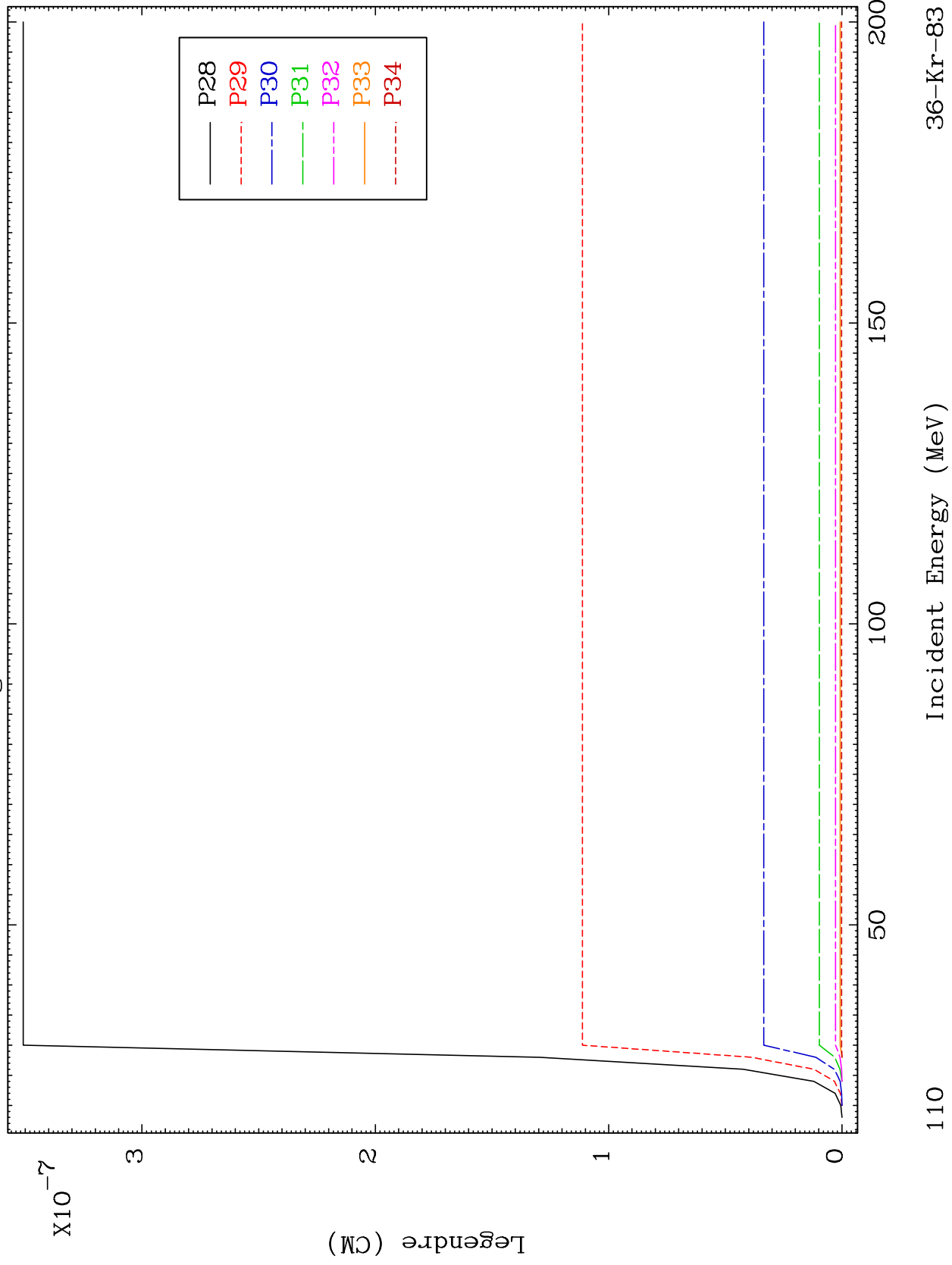
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



110

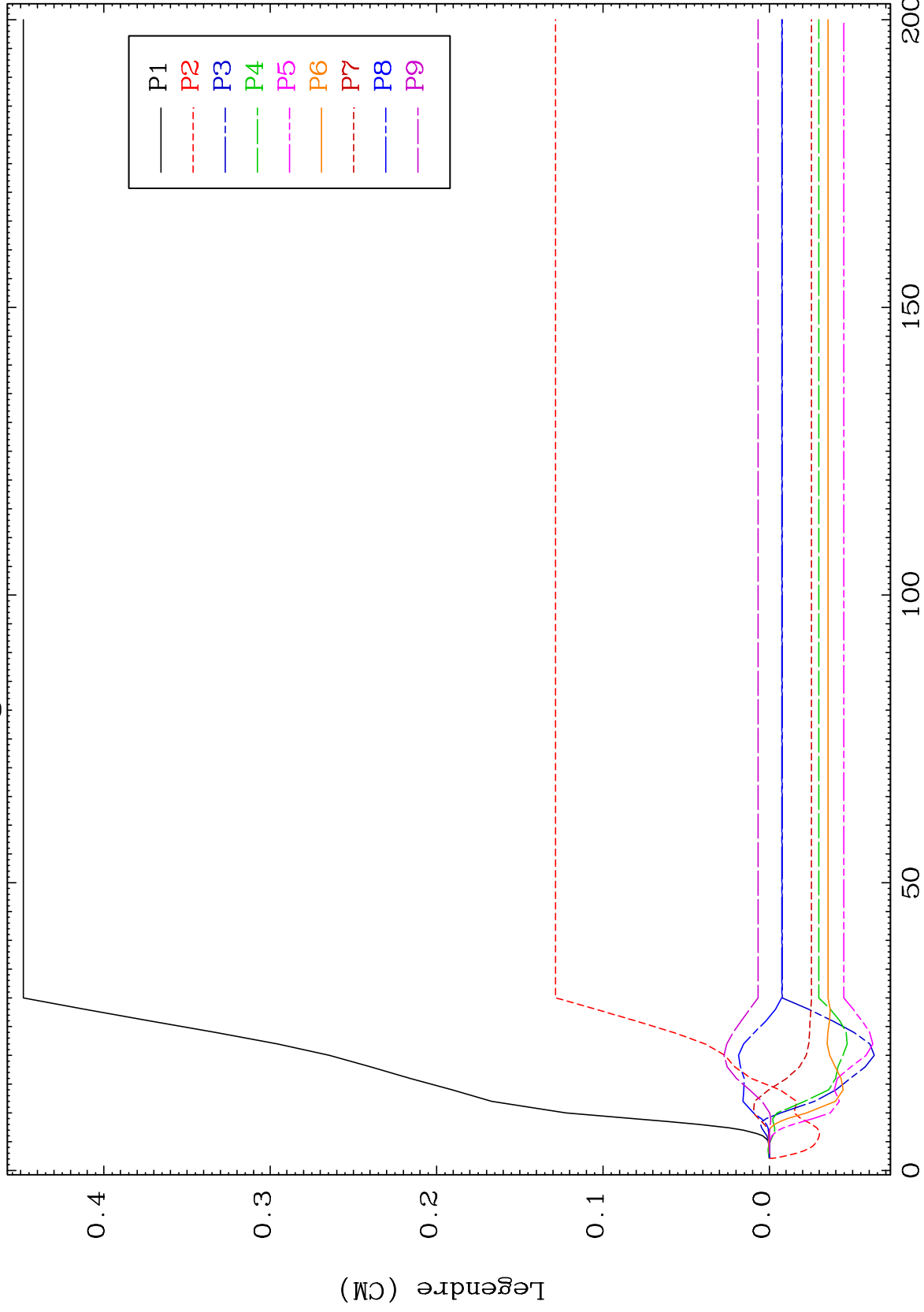
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

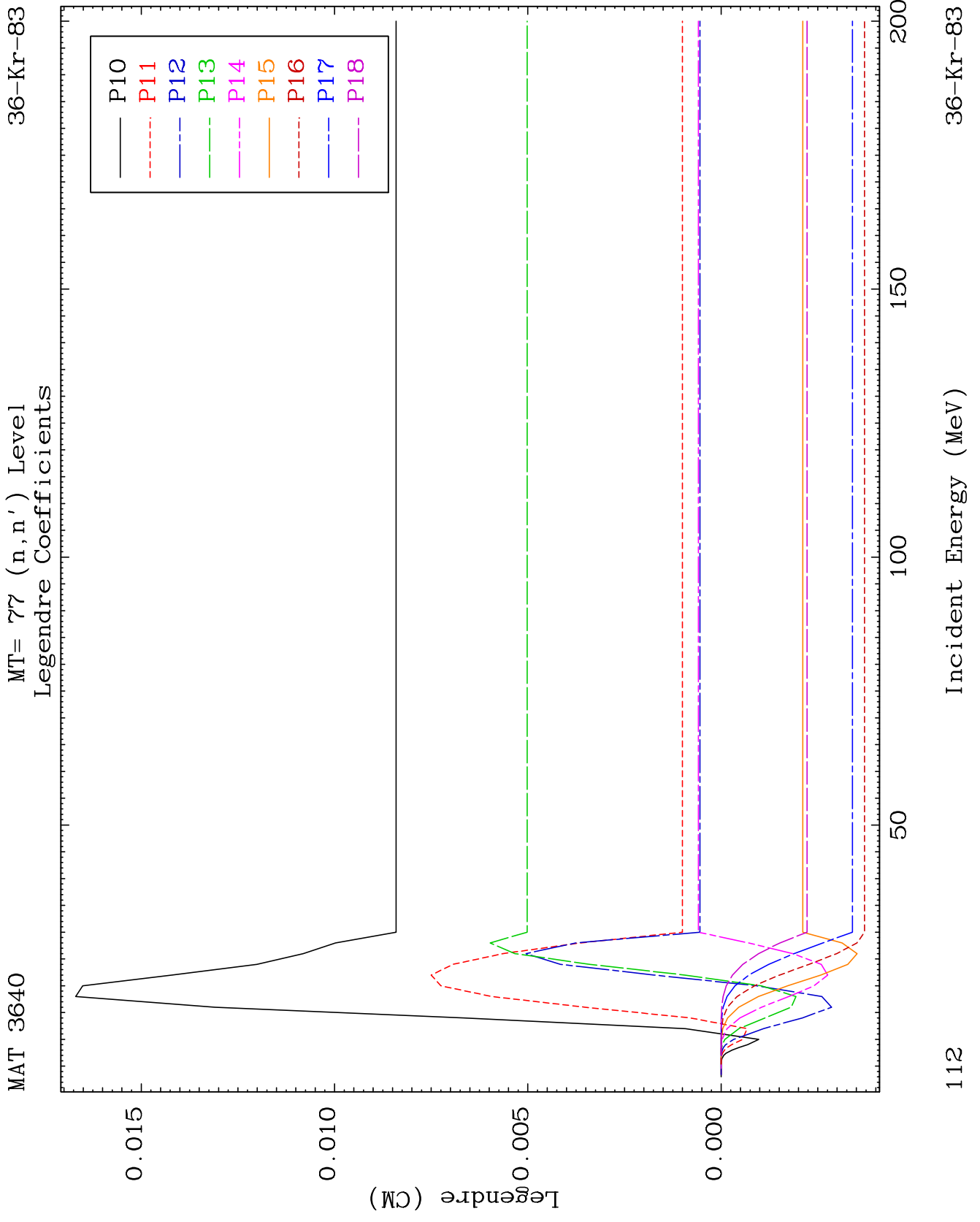
36-Kr-83



111

Incident Energy (MeV)

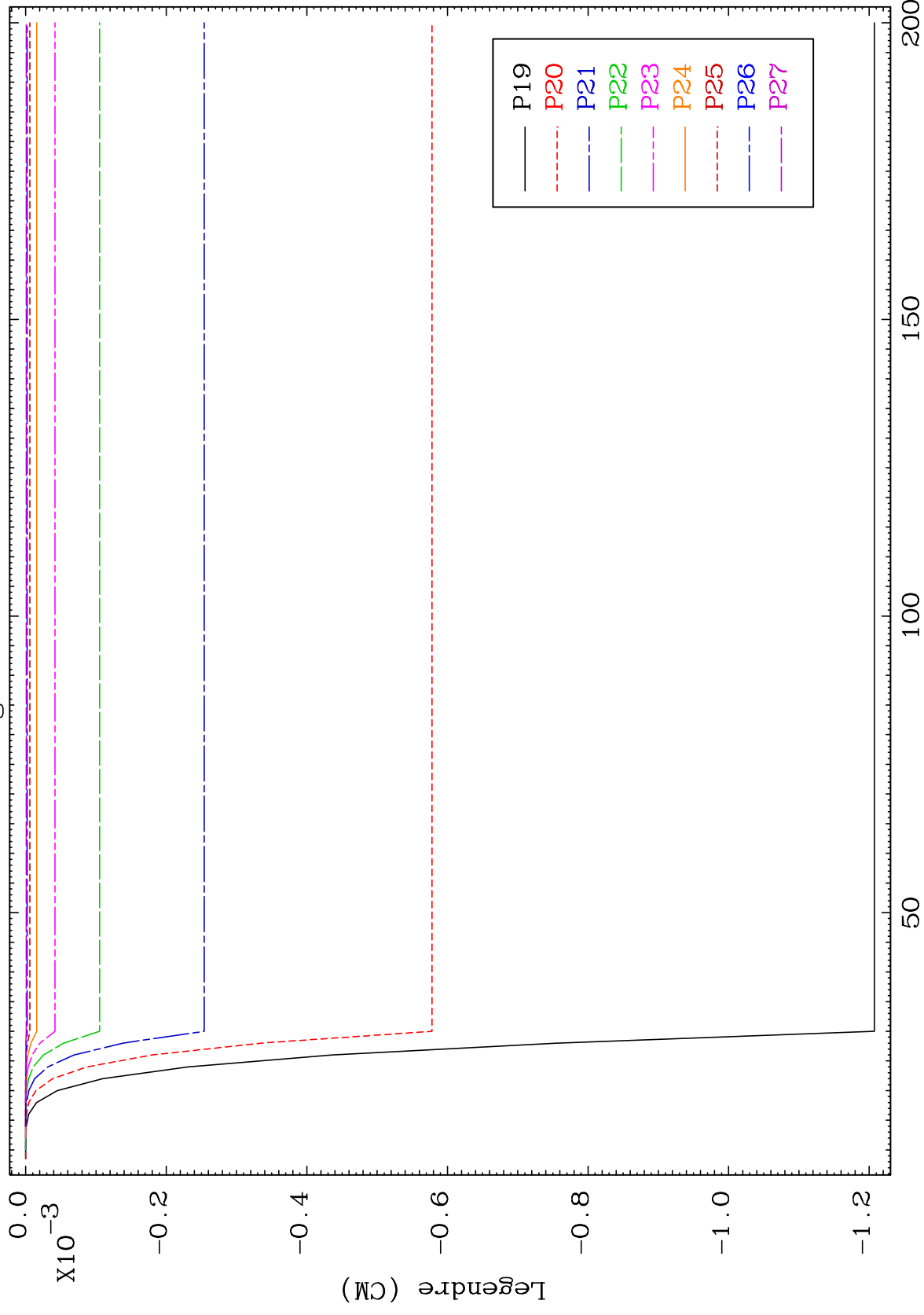
36-Kr-83



MAT 3640

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

36-Kr-83



36-Kr-83

Incident Energy (MeV)

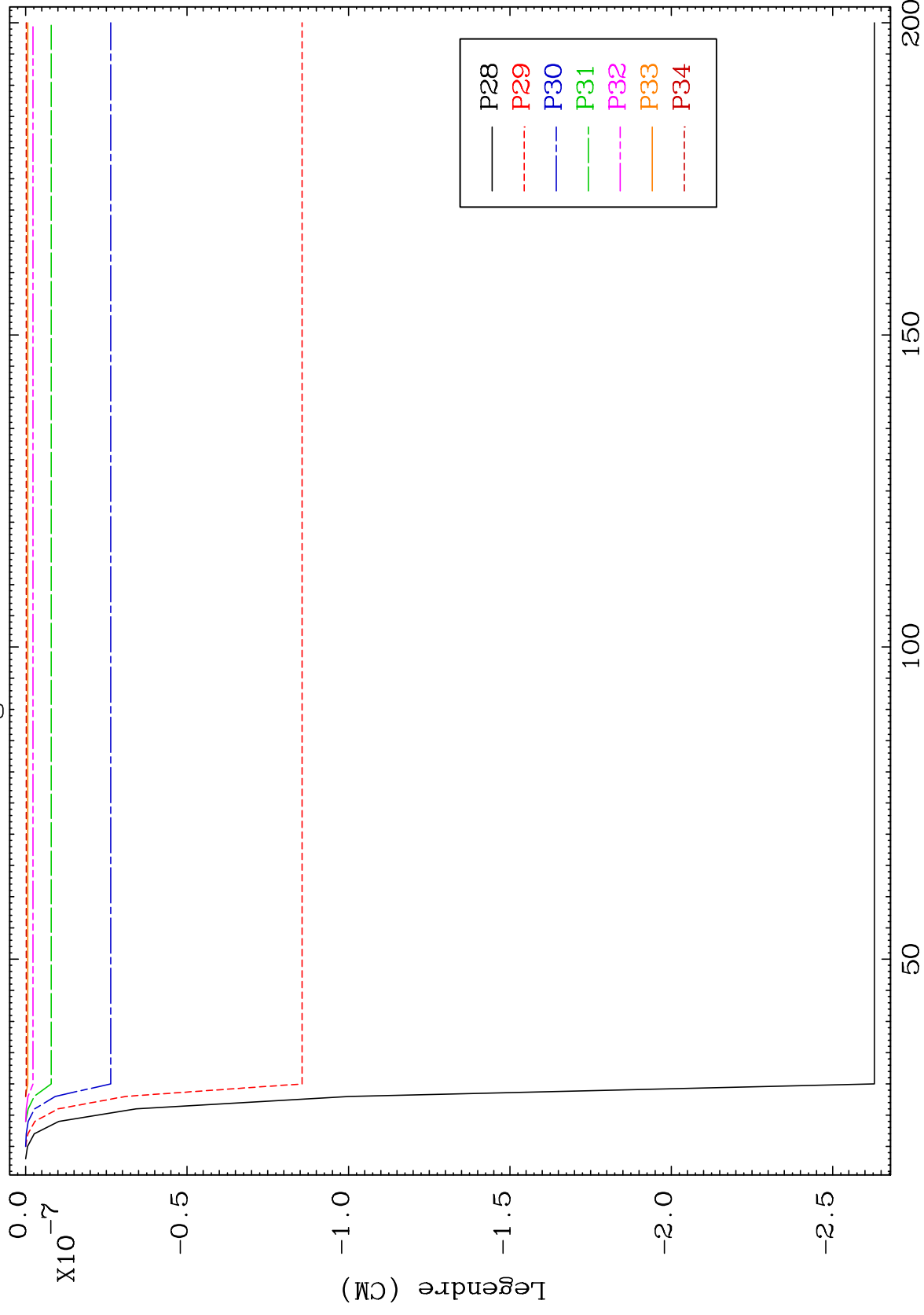
113

MAT 3640

MT= 77 (n,n') Level

Legendre Coefficients

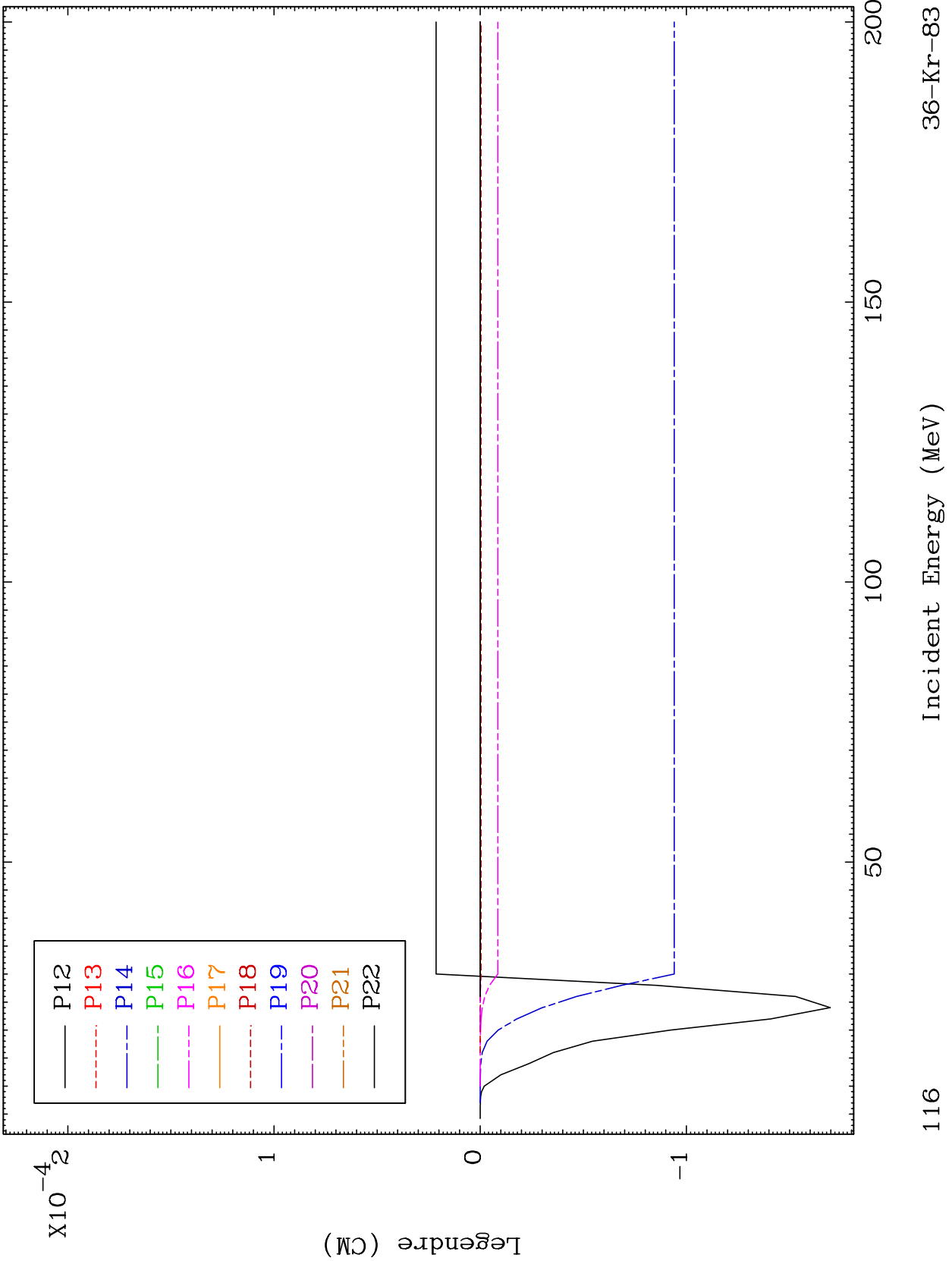
36-Kr-83

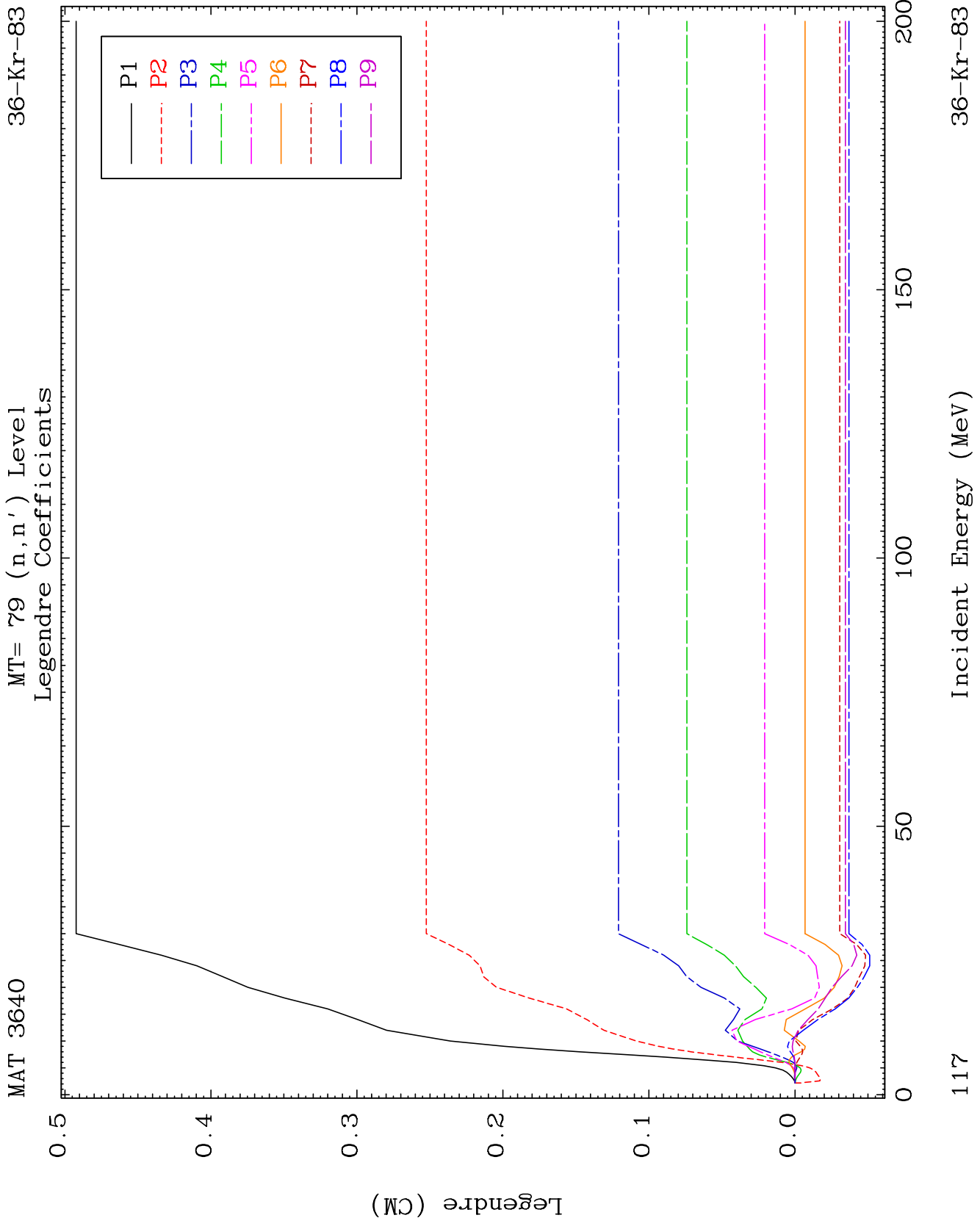


36-Kr-83

Incident Energy (MeV)

114

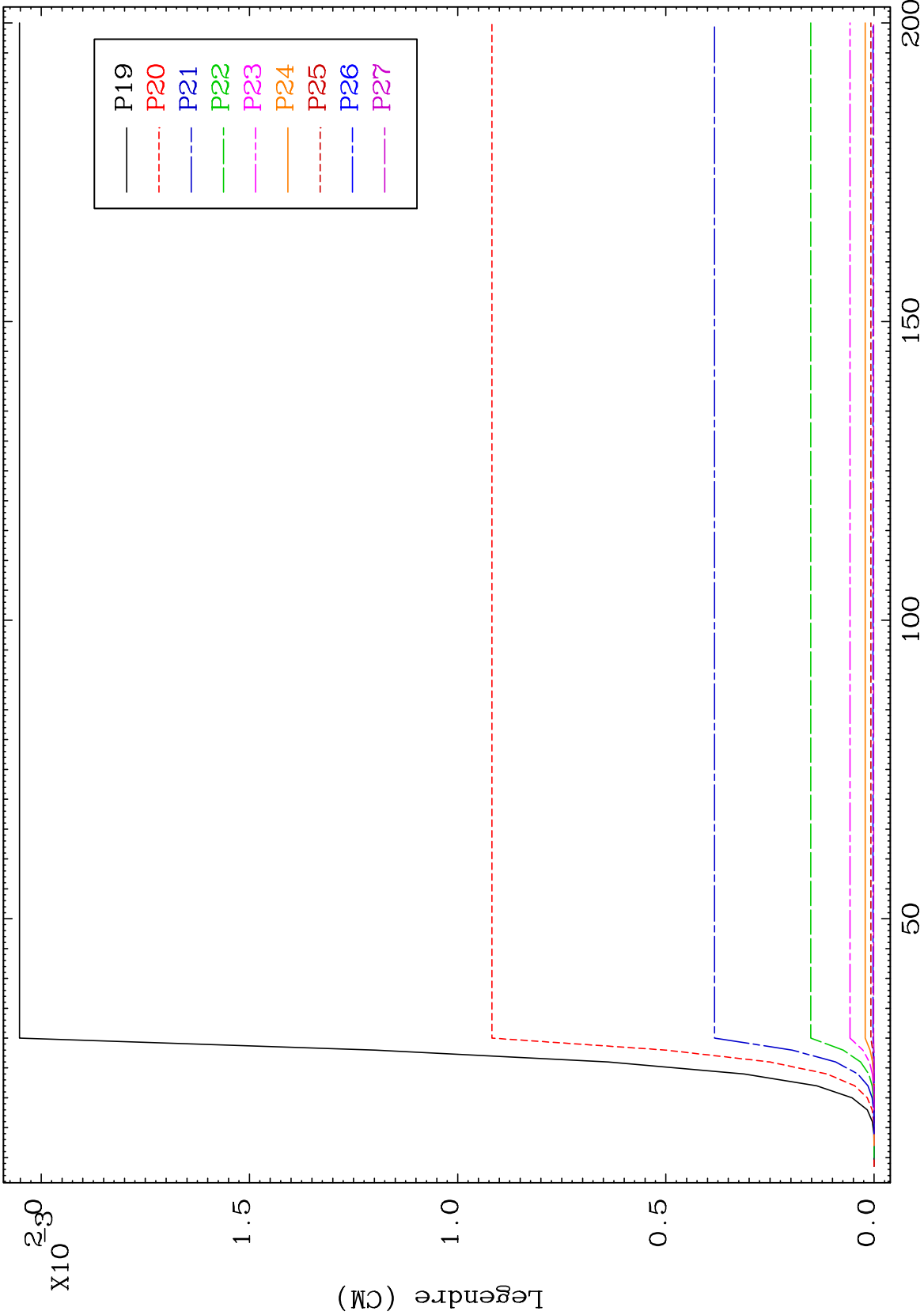




MAT 3640

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

36-Kr-83



119

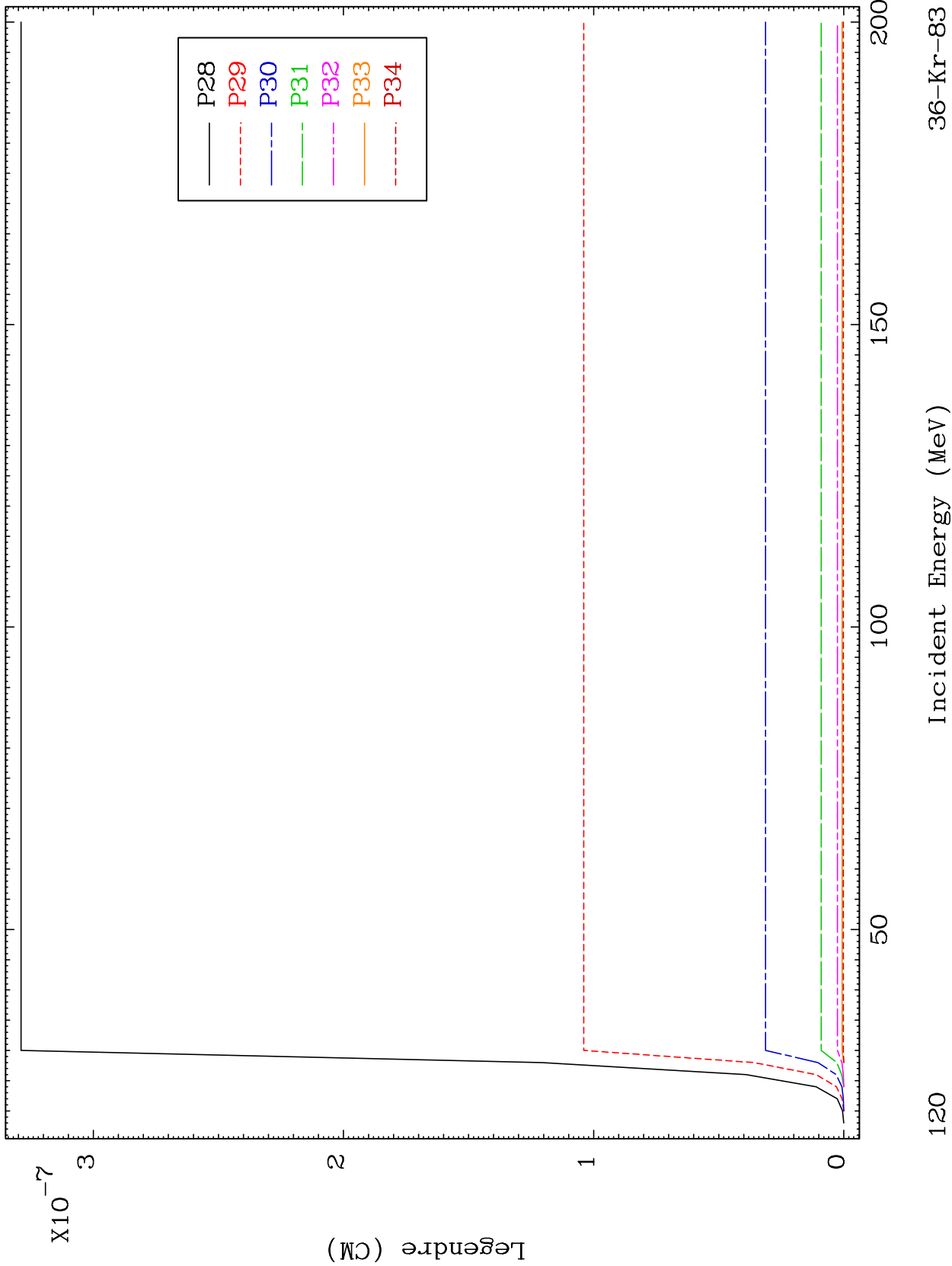
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



120

50

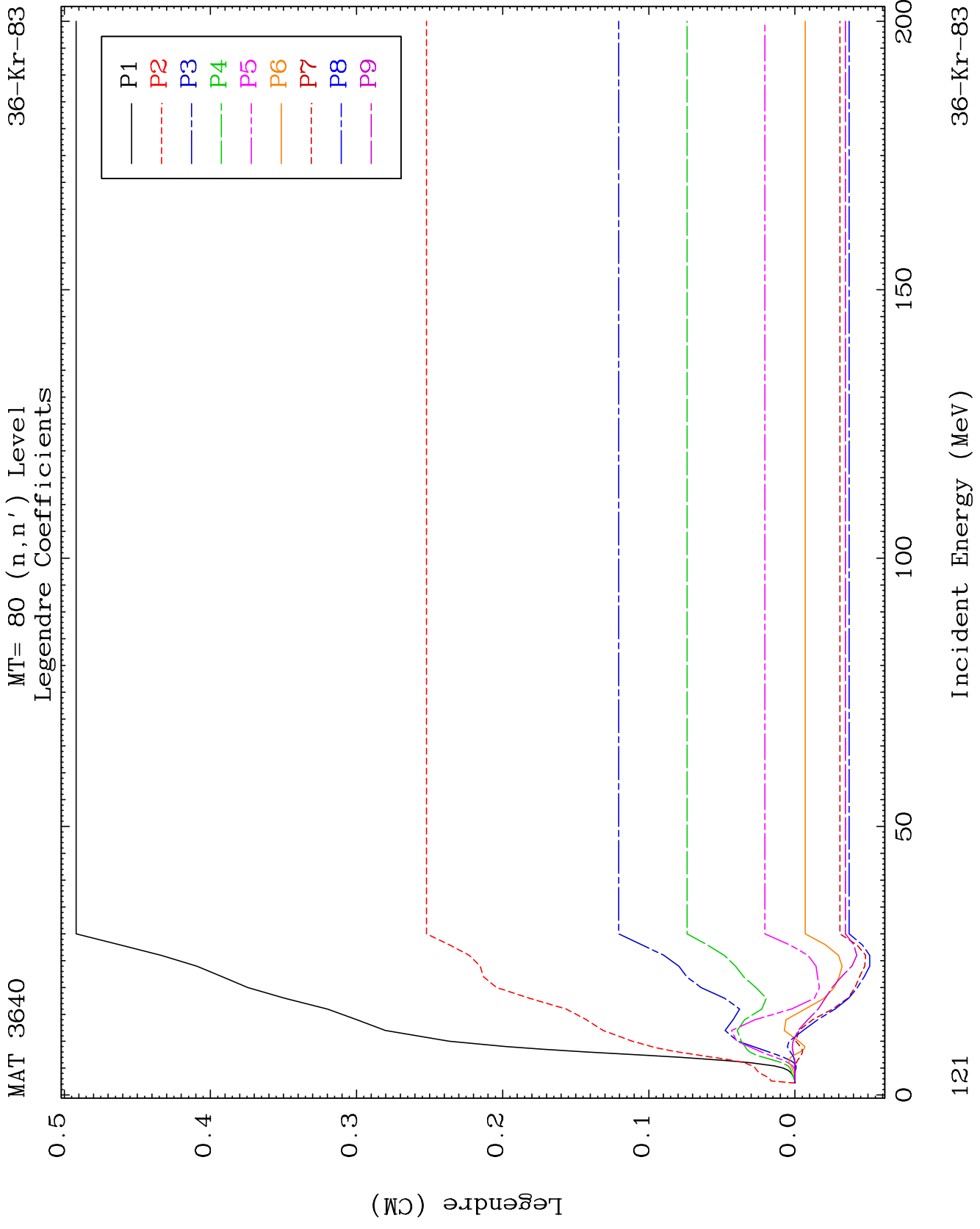
100

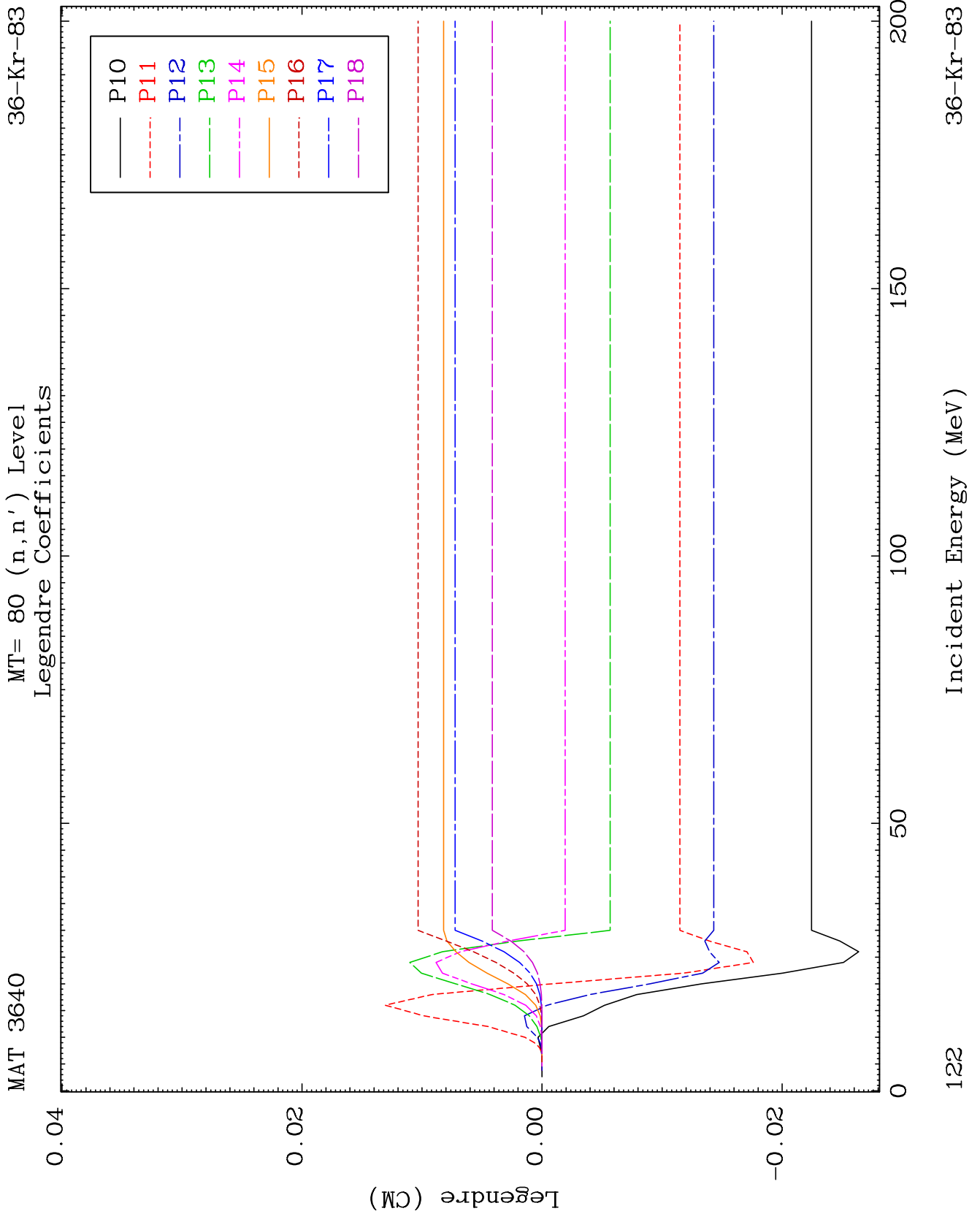
150

200

Incident Energy (MeV)

36-Kr-83

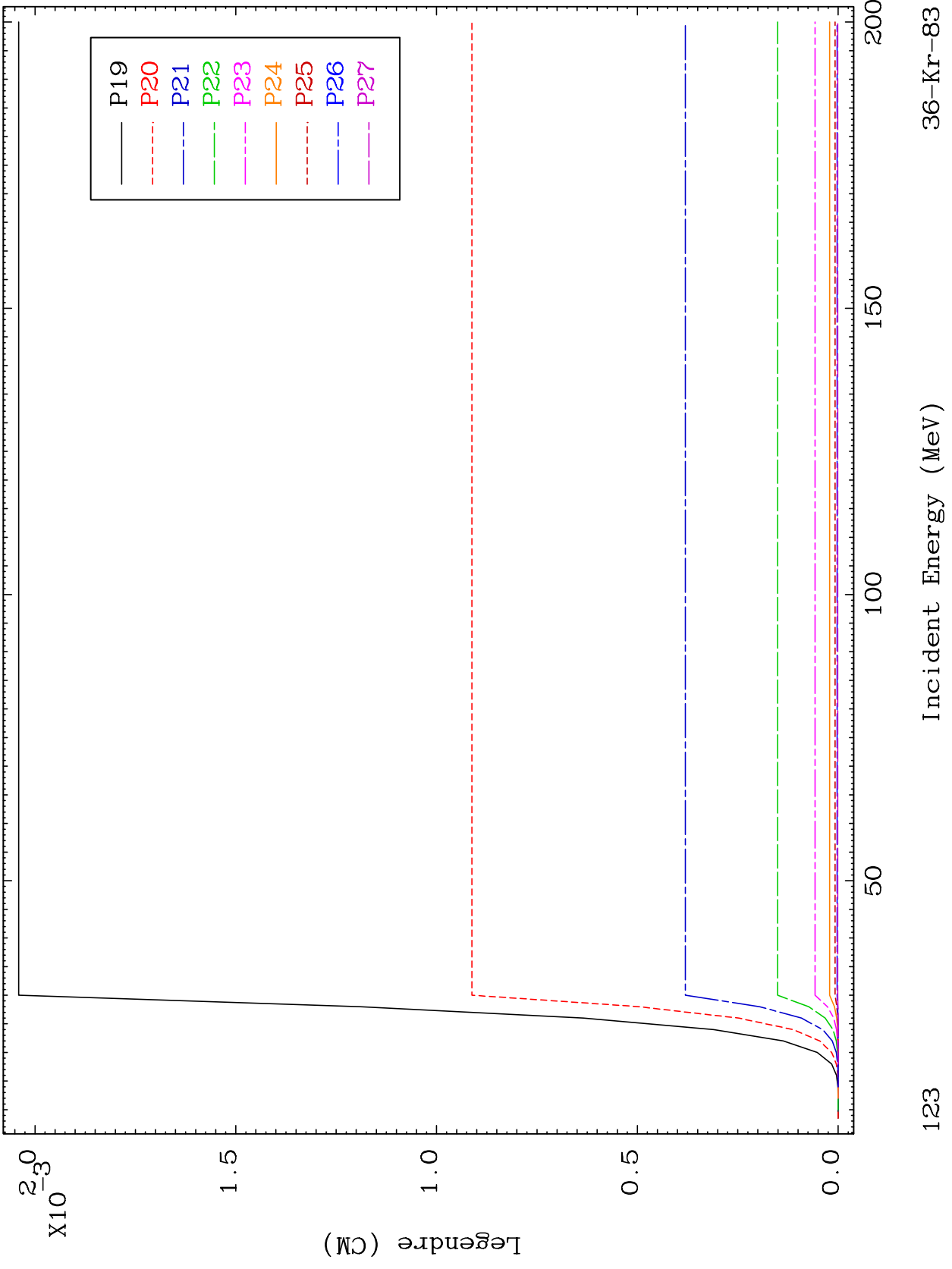




MAT 3640

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

36-Kr-83



123

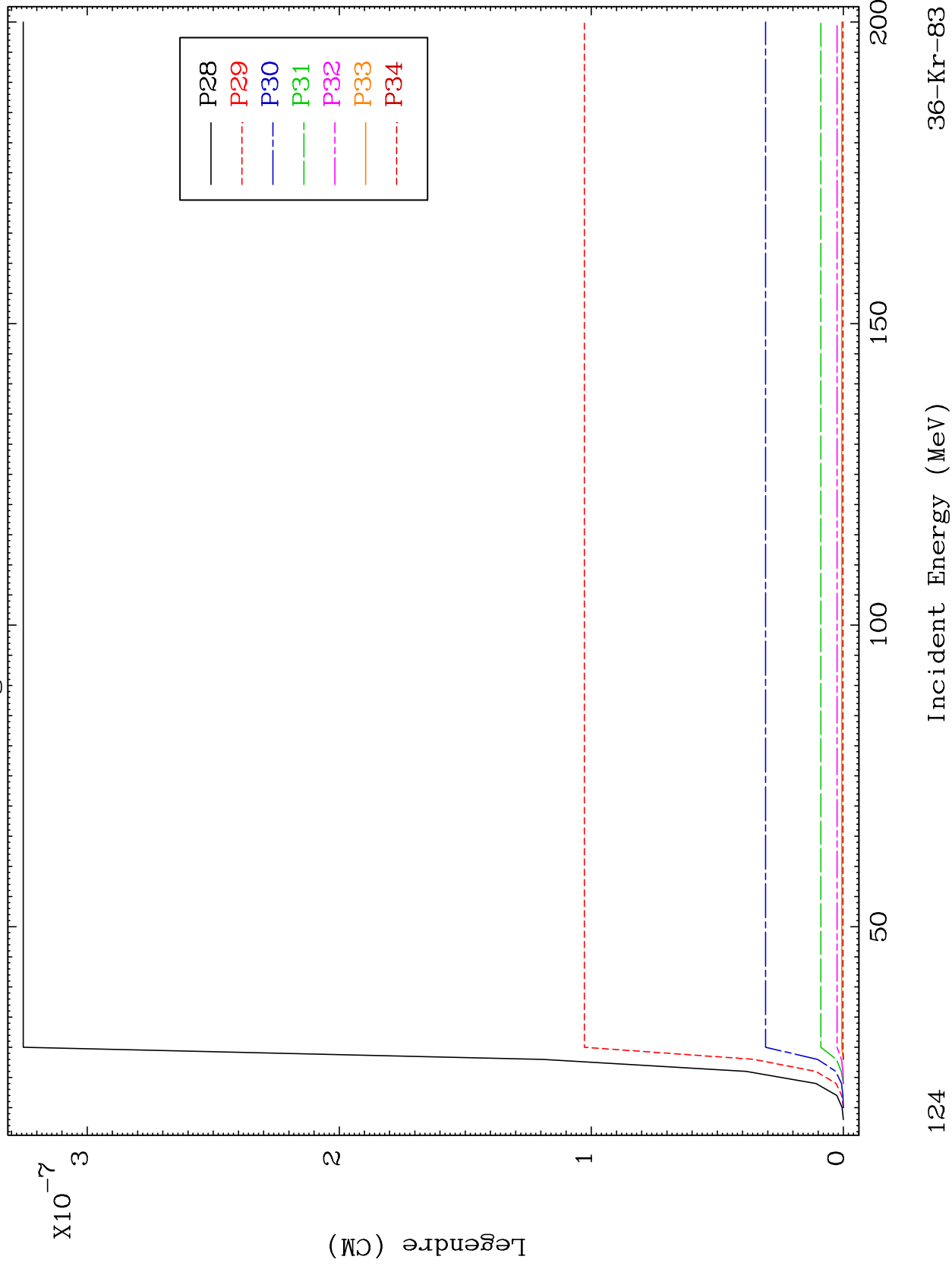
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

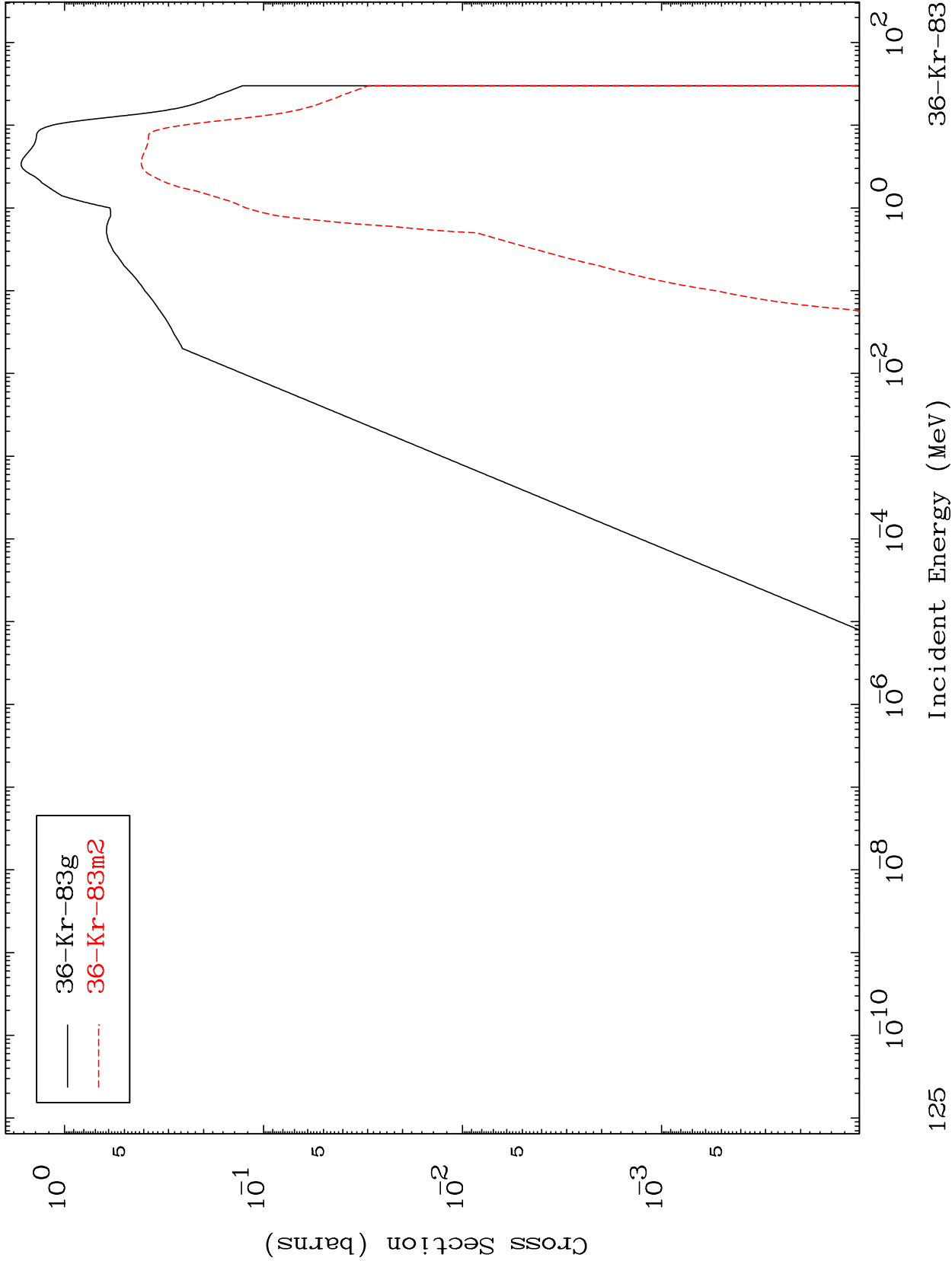
36-Kr-83



MAT 3640

Inelastic
Radionuclide Production Cross Section

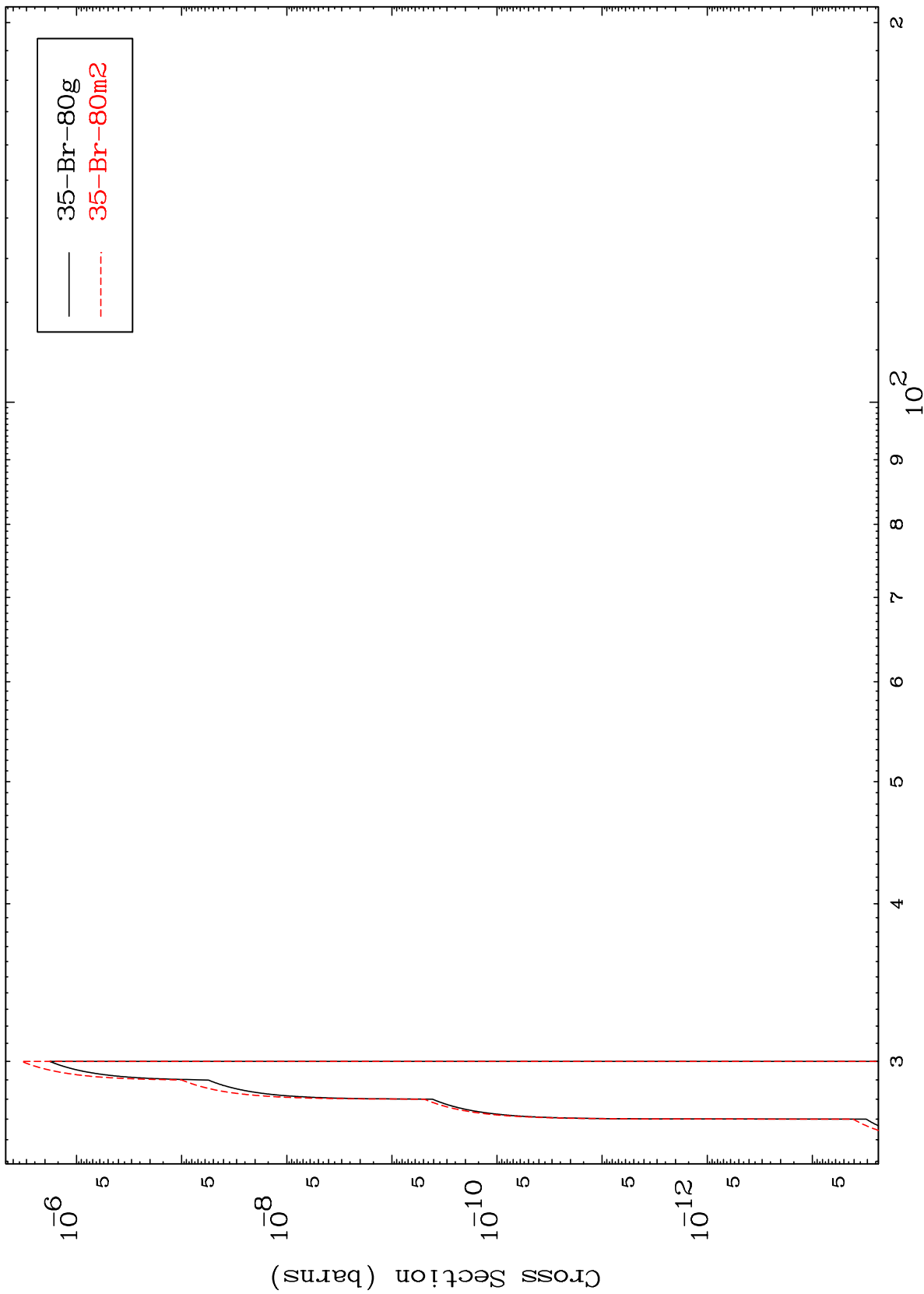
36-Kr-83



125

36-Kr-83

Radionuclide Production Cross Section

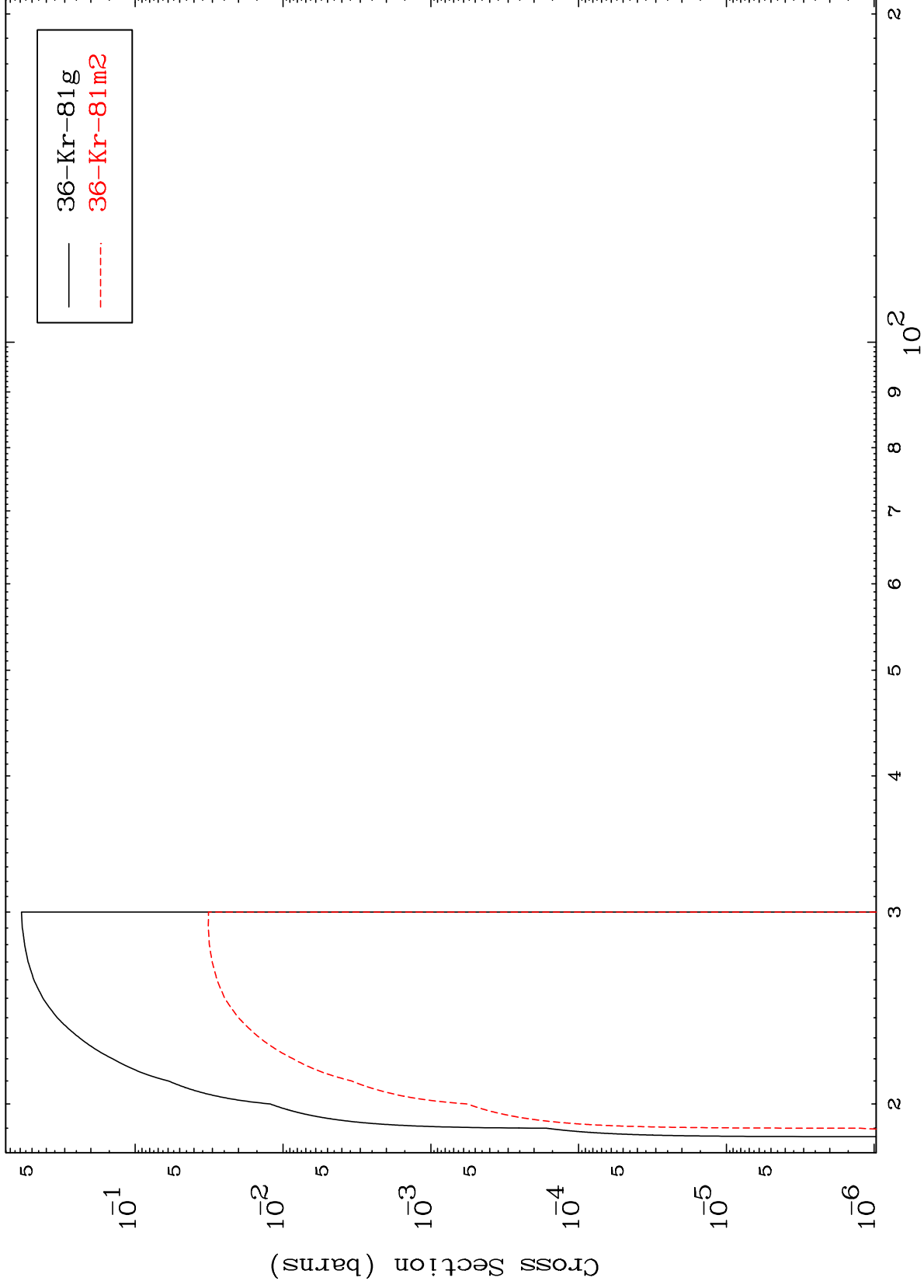


MAT 3640

(n,3n)

36-Kr-83

Radionuclide Production Cross Section



127

Incident Energy (MeV)

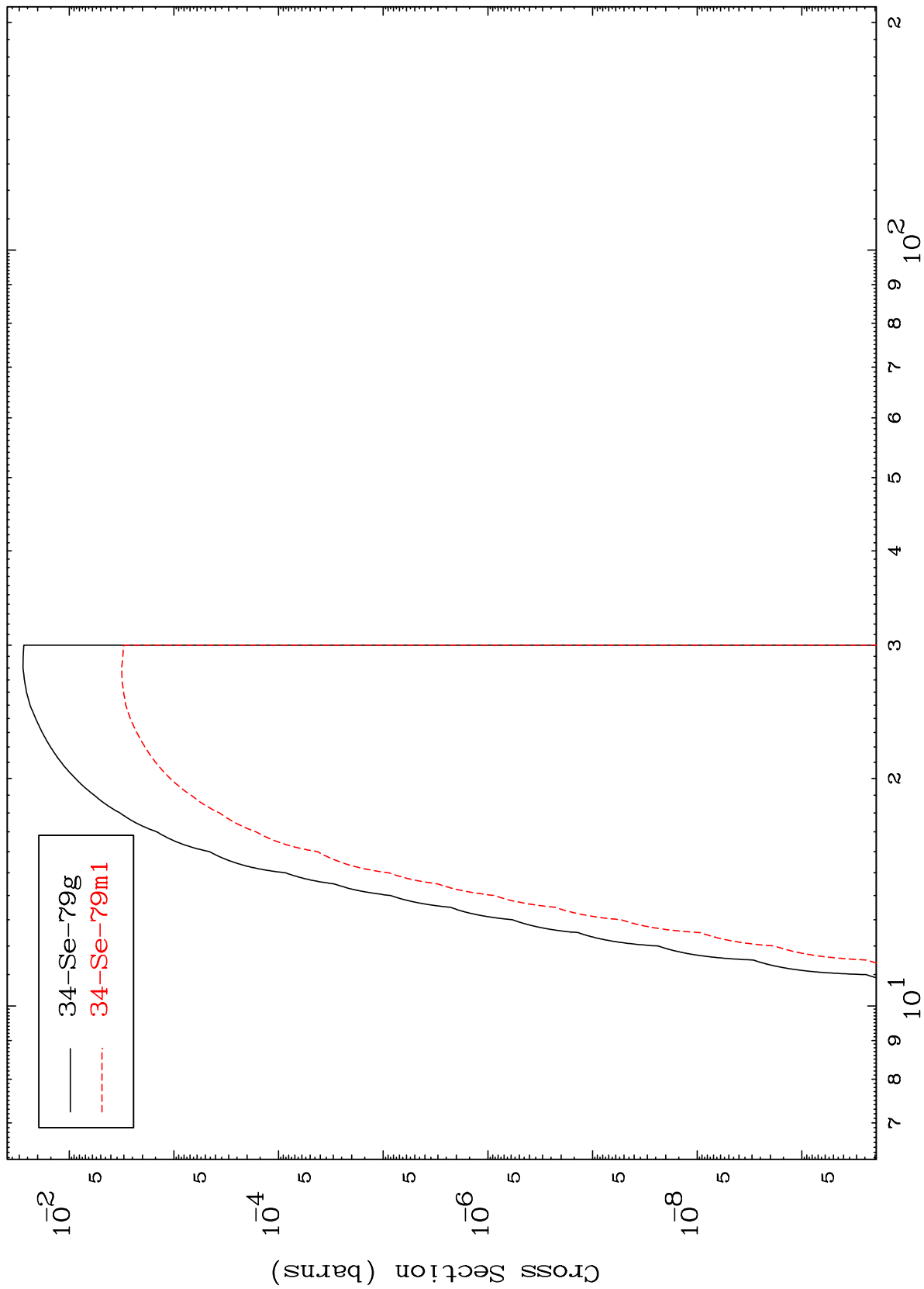
36-Kr-83

MAT 3640

$(n, n') \alpha$

36-Kr-83

Radionuclide Production Cross Section



128

Incident Energy (MeV)

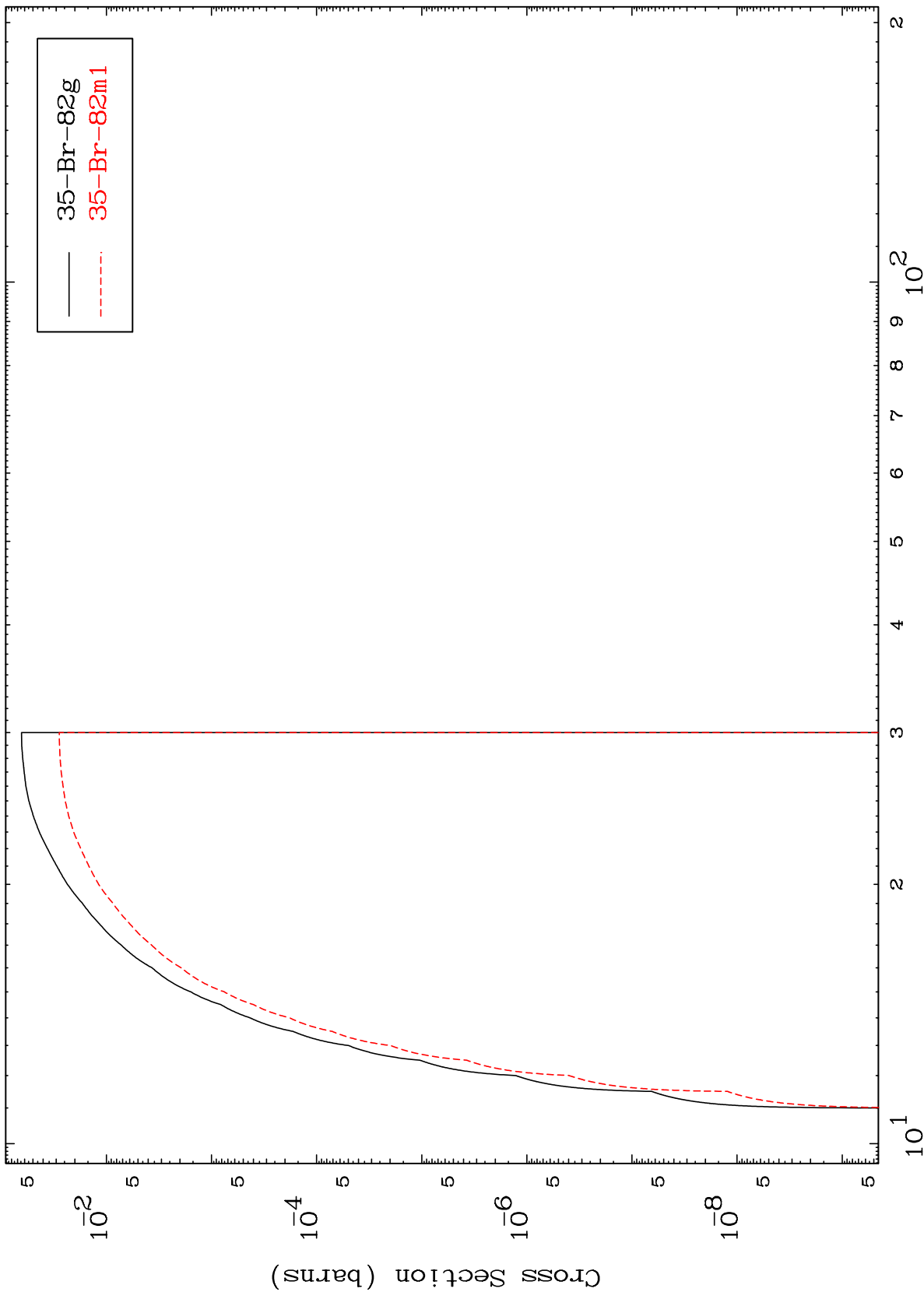
36-Kr-83

MAT 3640

(n,n') p

36-Kr-83

Radionuclide Production Cross Section



Incident Energy (MeV)

36-Kr-83

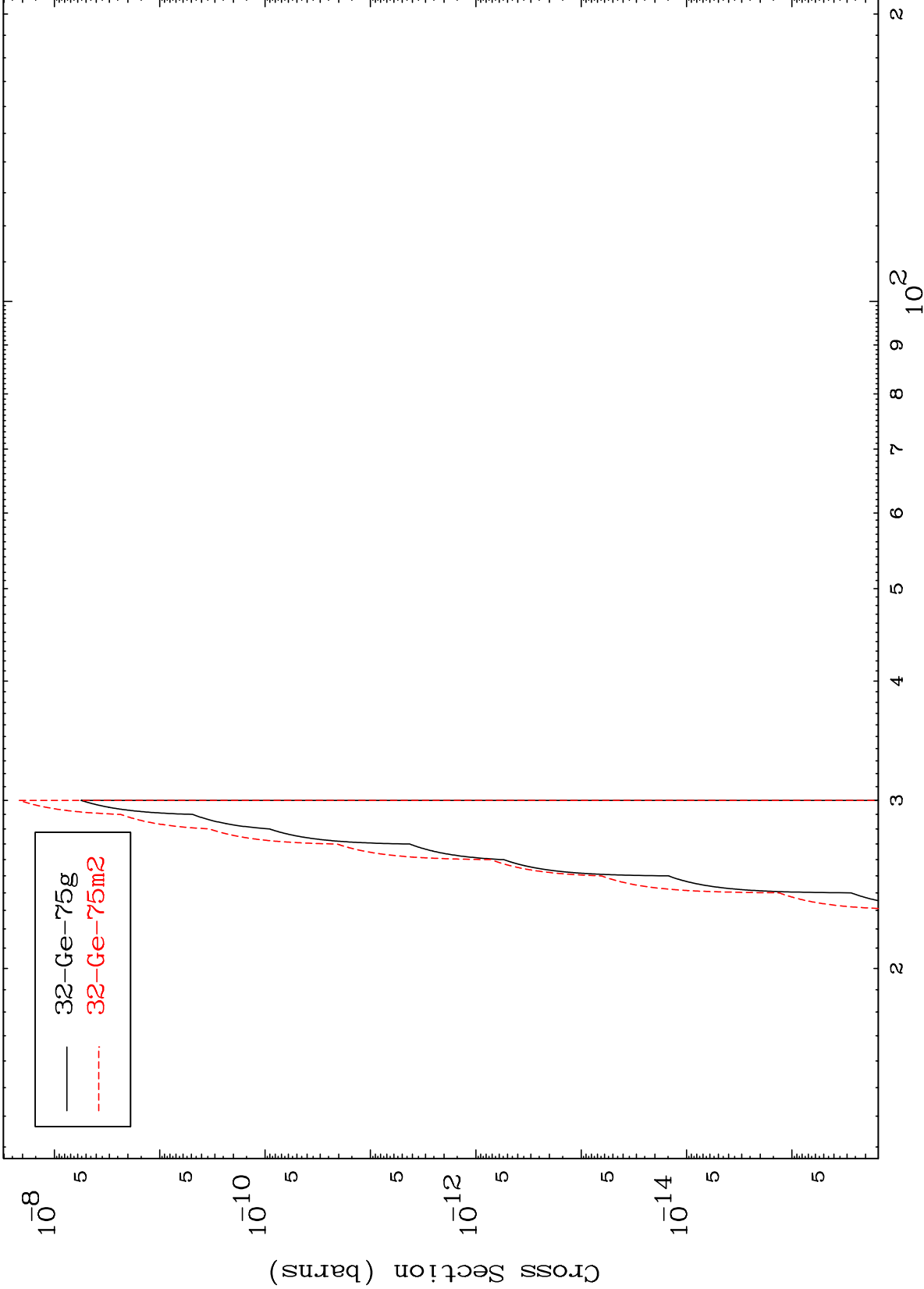
129

MAT 3640

(n,n') 2α

36-Kr-83

Radionuclide Production Cross Section



32-Ge-75g
32-Ge-75m2

130

Incident Energy (MeV)

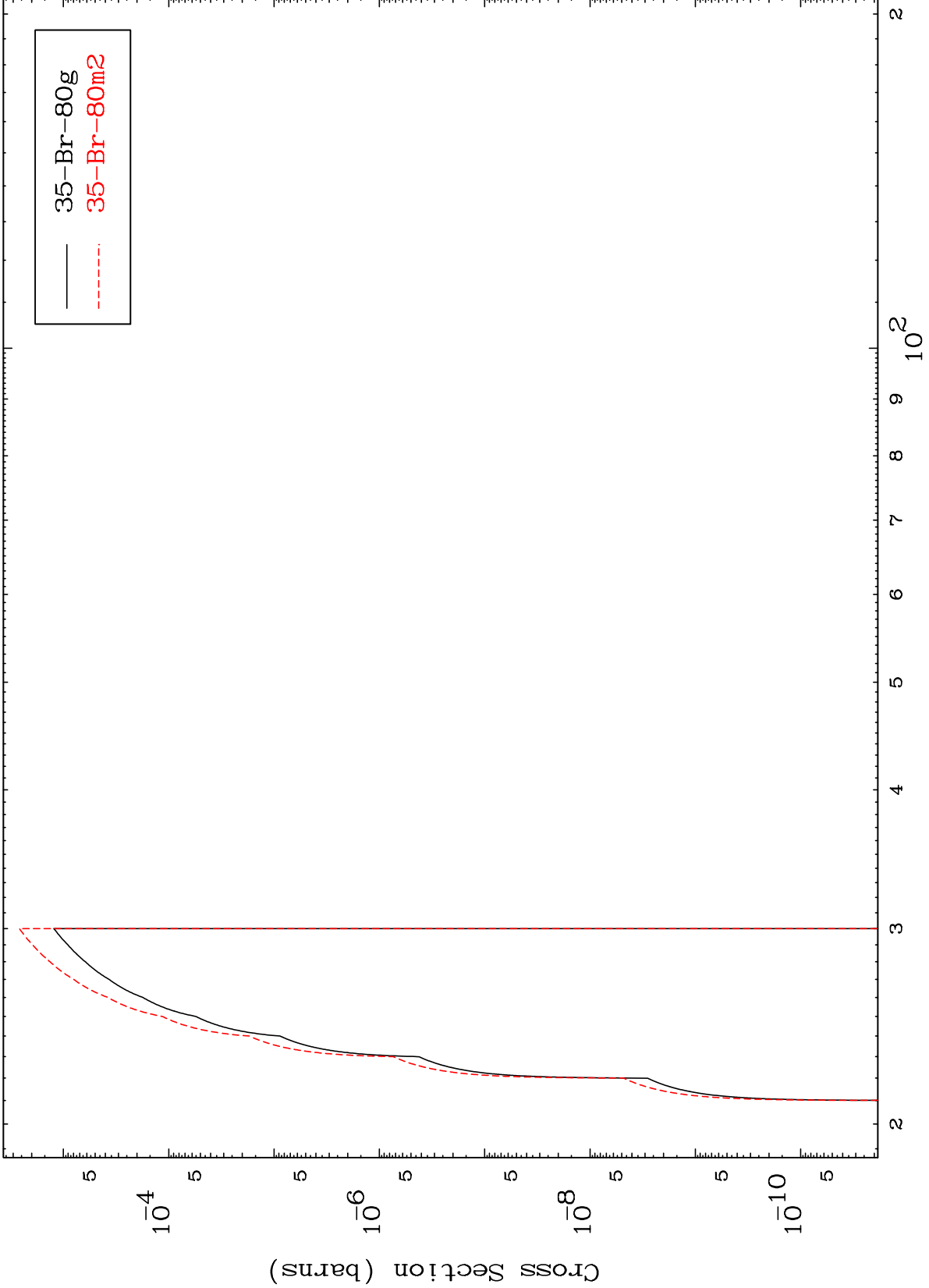
36-Kr-83

MAT 3640

(n,n') t

36-Kr-83

Radionuclide Production Cross Section



131

Incident Energy (MeV)

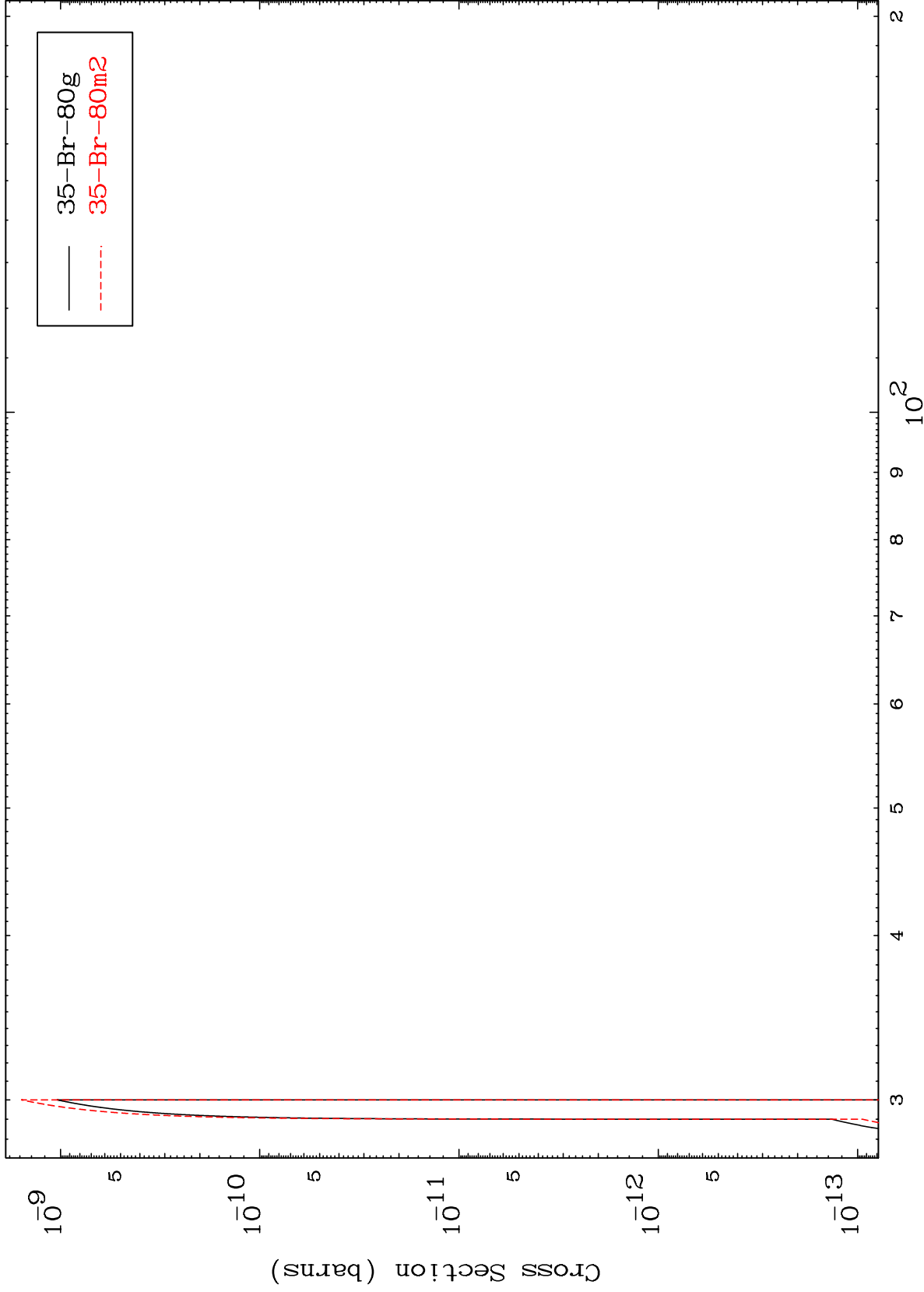
36-Kr-83

MAT 3640

(n,3n) p

36-Kr-83

Radionuclide Production Cross Section



132

Incident Energy (MeV)

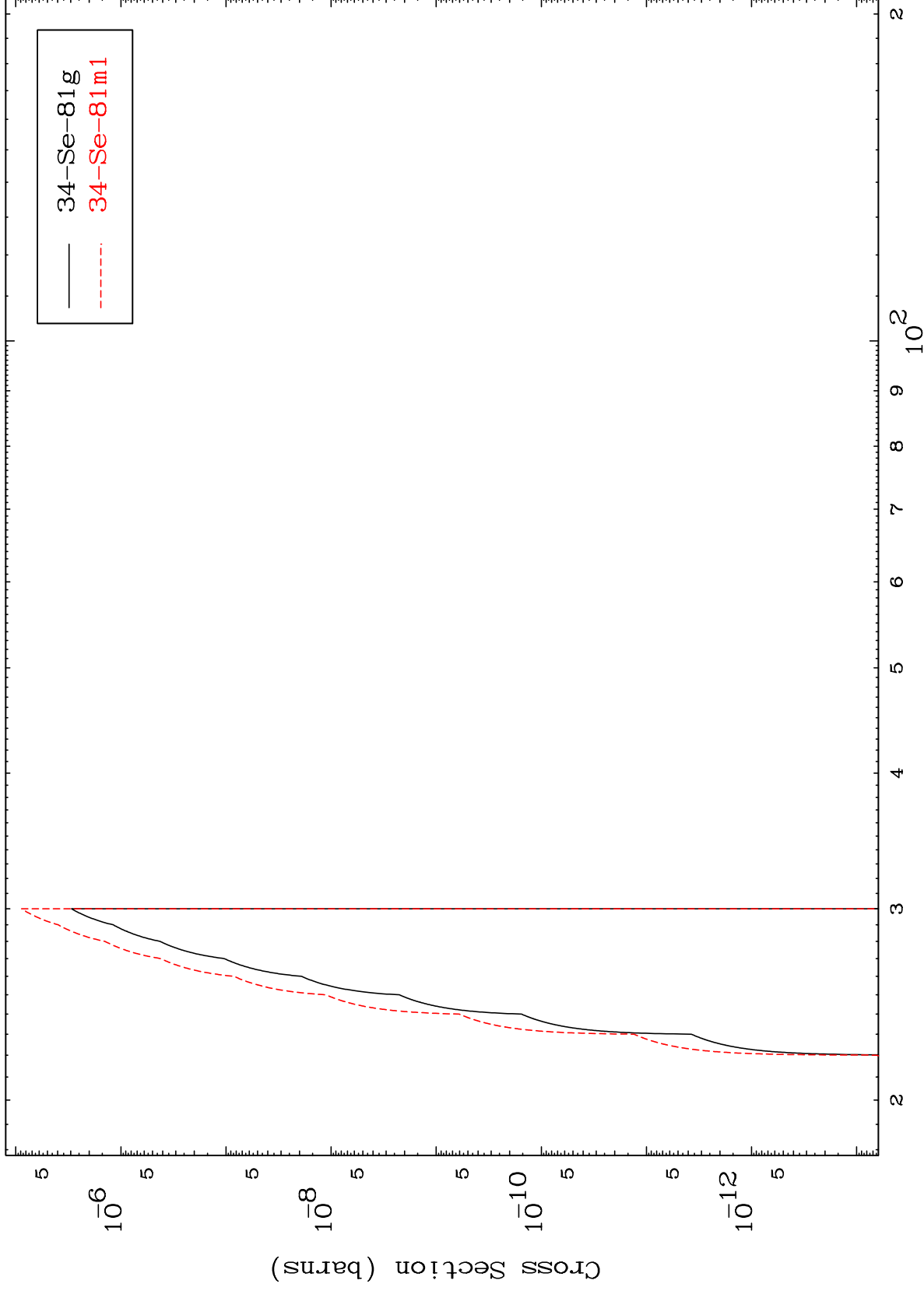
36-Kr-83

MAT 3640

$(n,2n)$ p

36-Kr-83

Radionuclide Production Cross Section



133

Incident Energy (MeV)

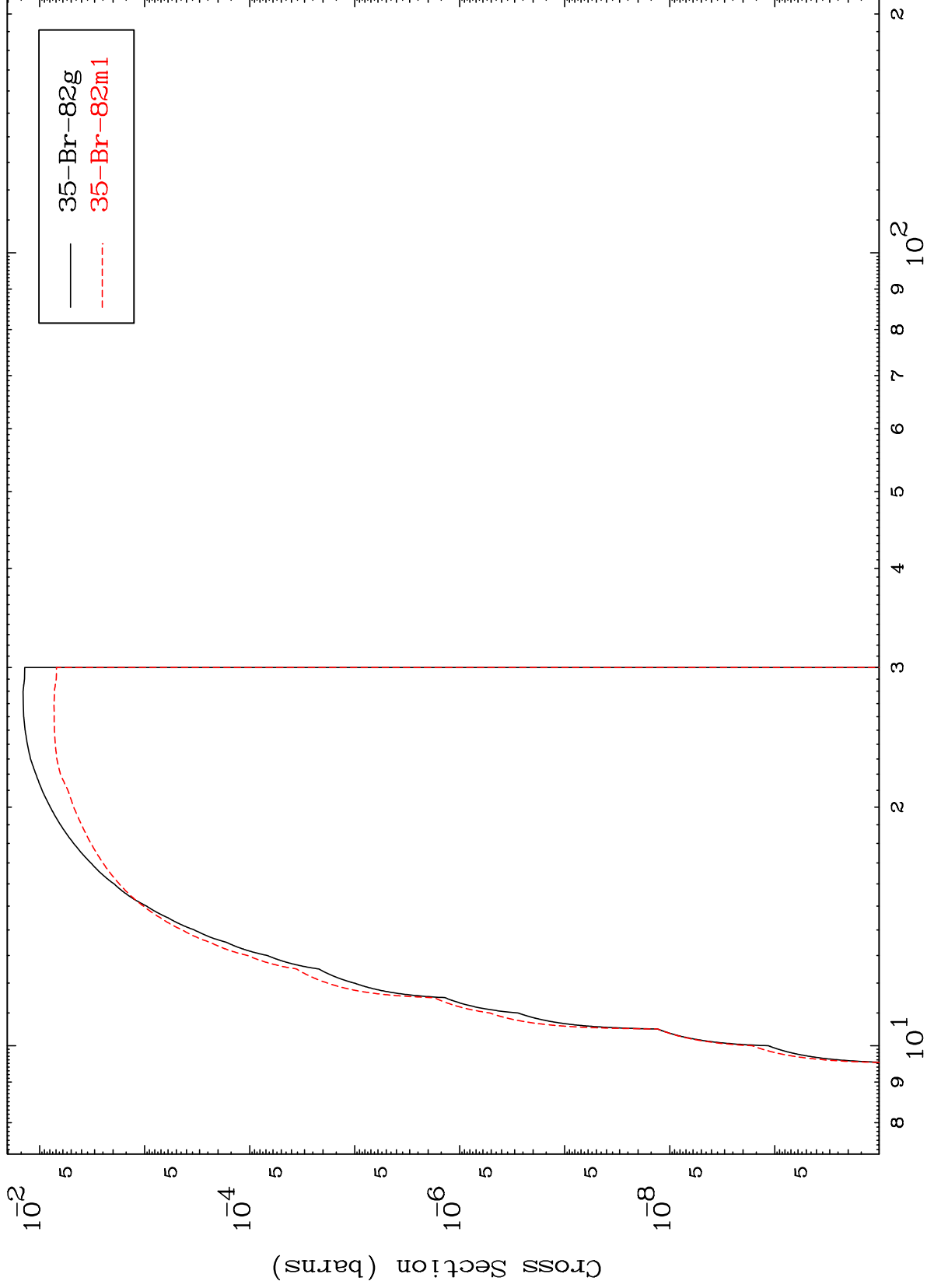
36-Kr-83

MAT 3640

(n,d)

36-Kr-83

Radionuclide Production Cross Section



134

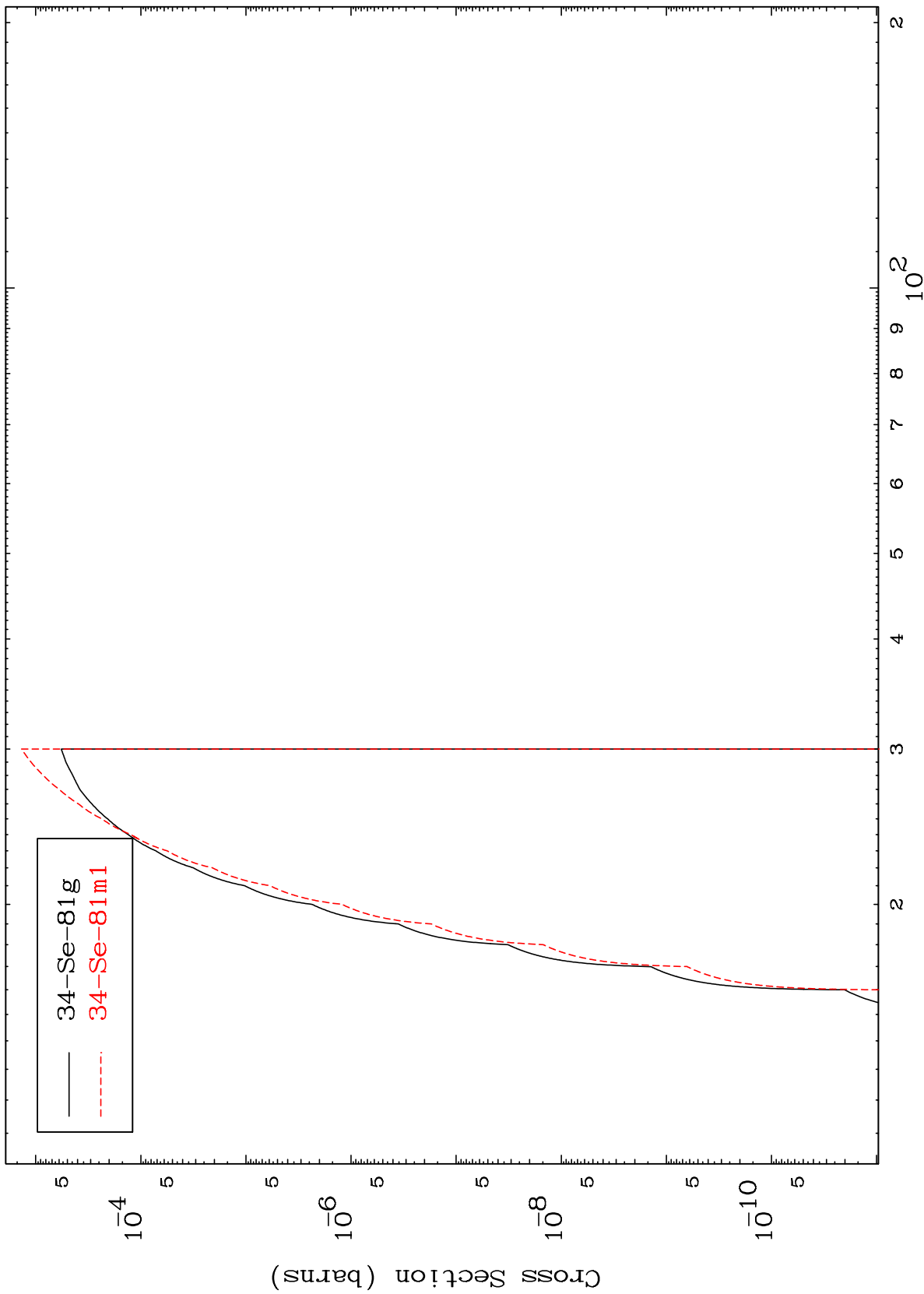
Incident Energy (MeV)

36-Kr-83

MAT 3640

36-Kr-83

(n,He-3)
Radionuclide Production Cross Section



36-Kr-83

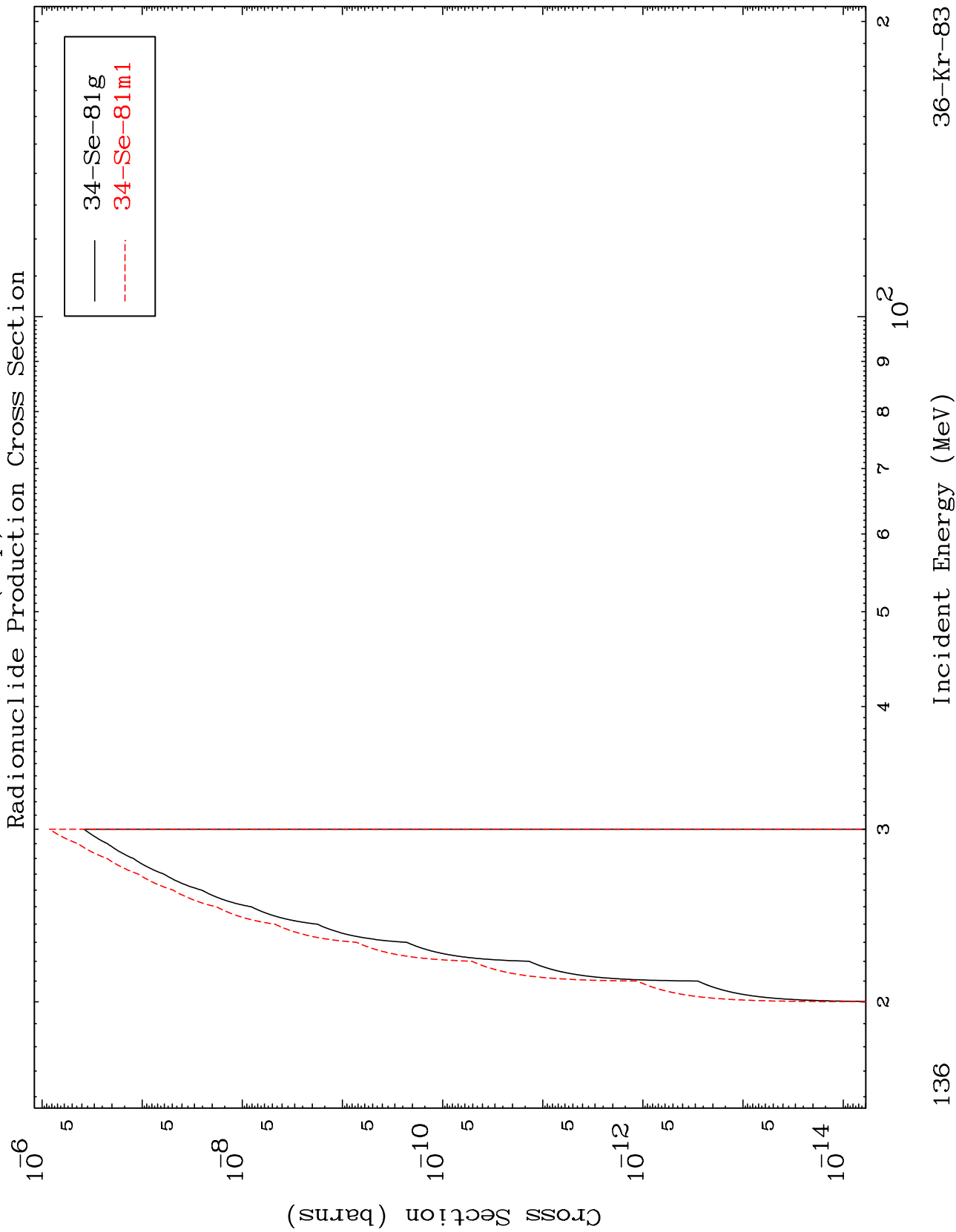
Incident Energy (MeV)

135

MAT 3640

(n,p) d

36-Kr-83



136

Incident Energy (MeV)

36-Kr-83