

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

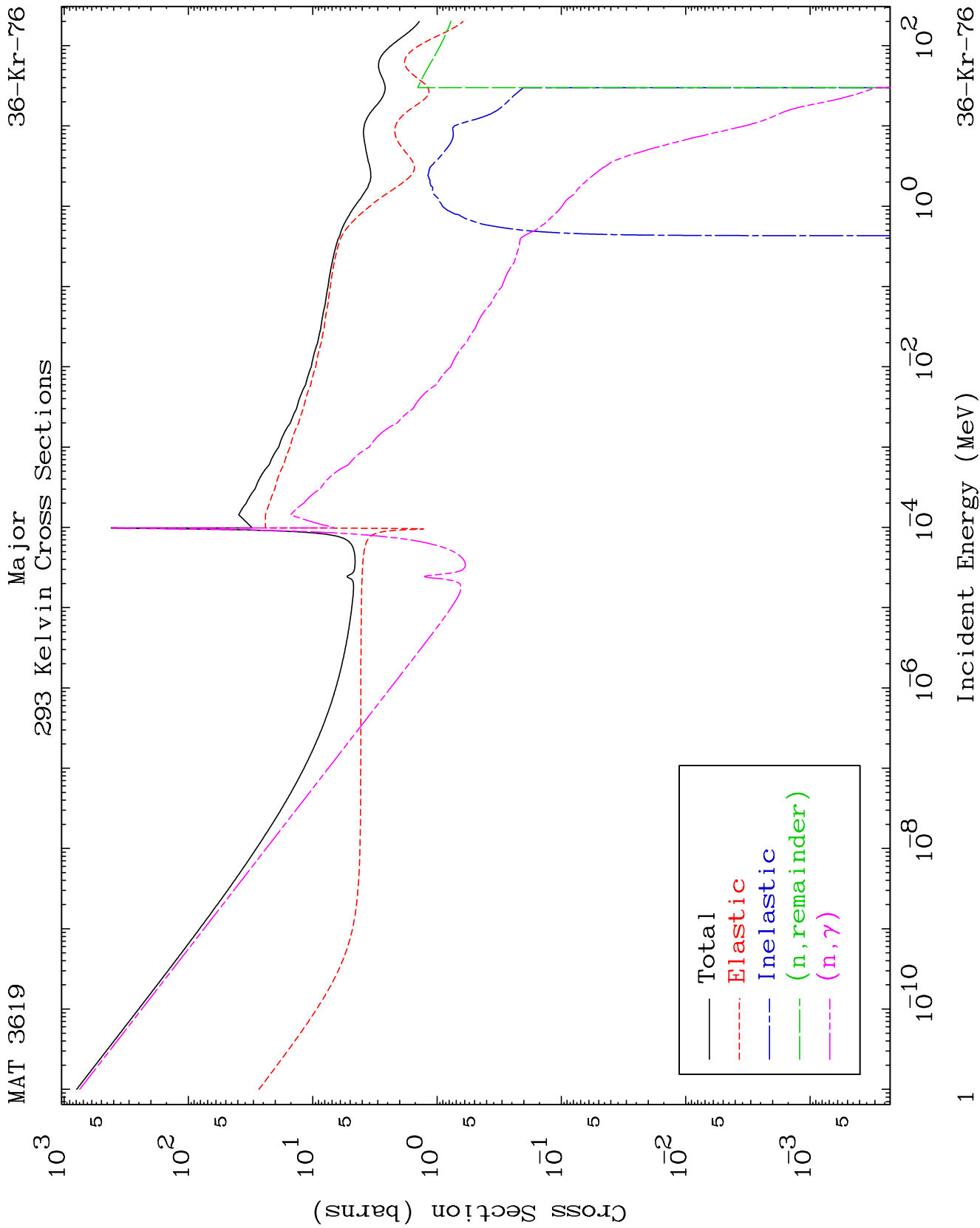
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

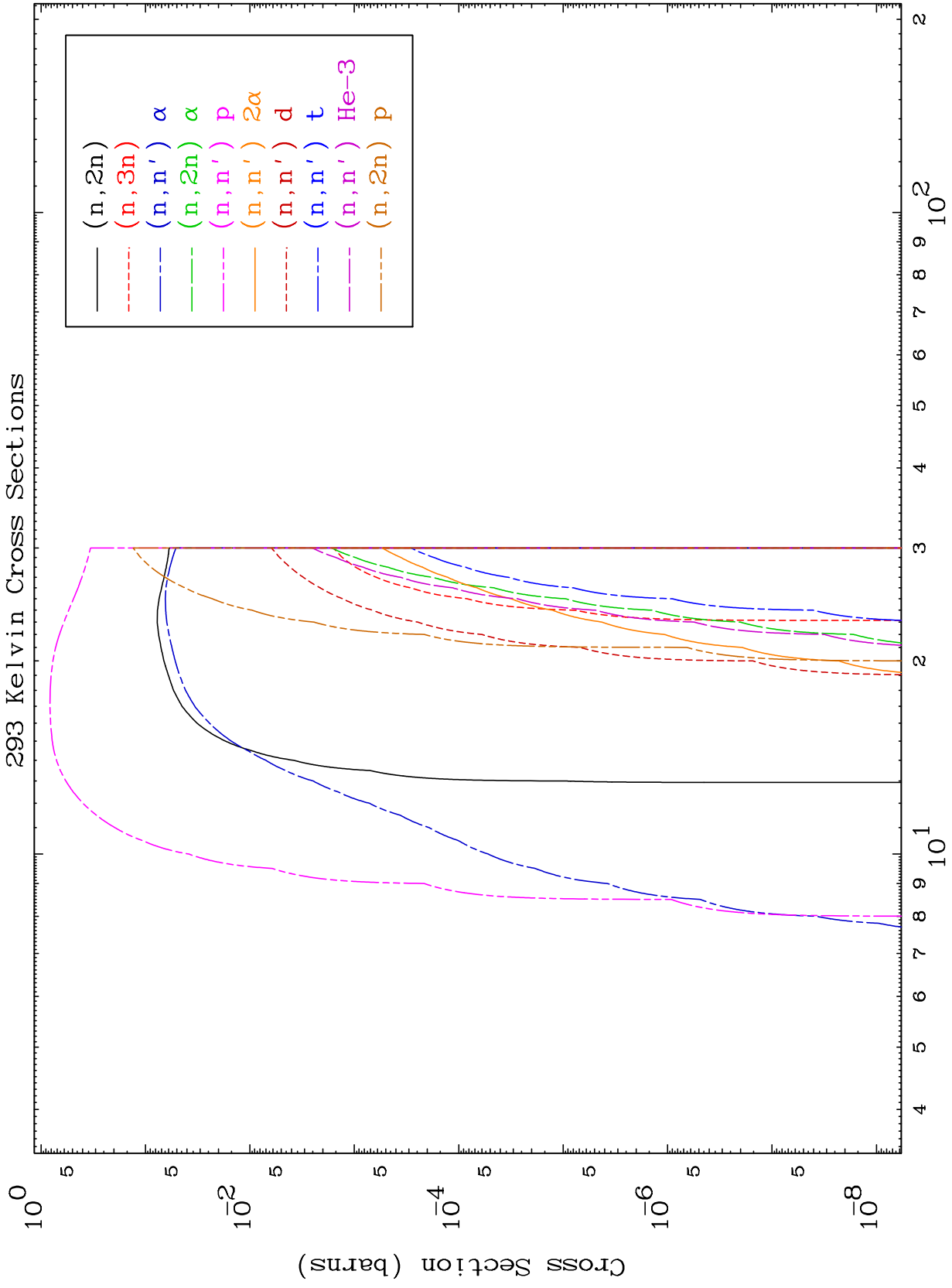
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

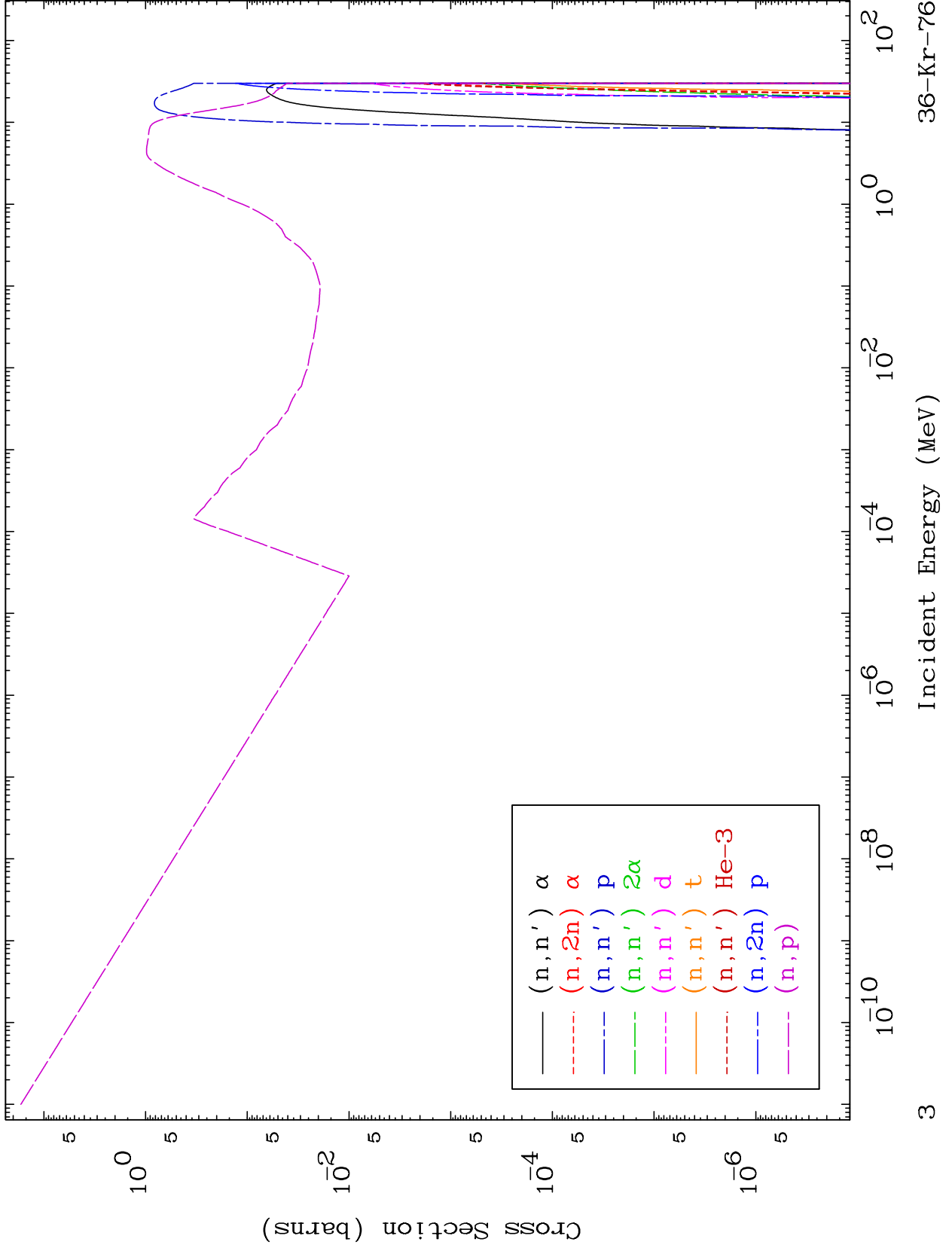




MAT 3619

Charged Particle
293 Kelvin Cross Sections

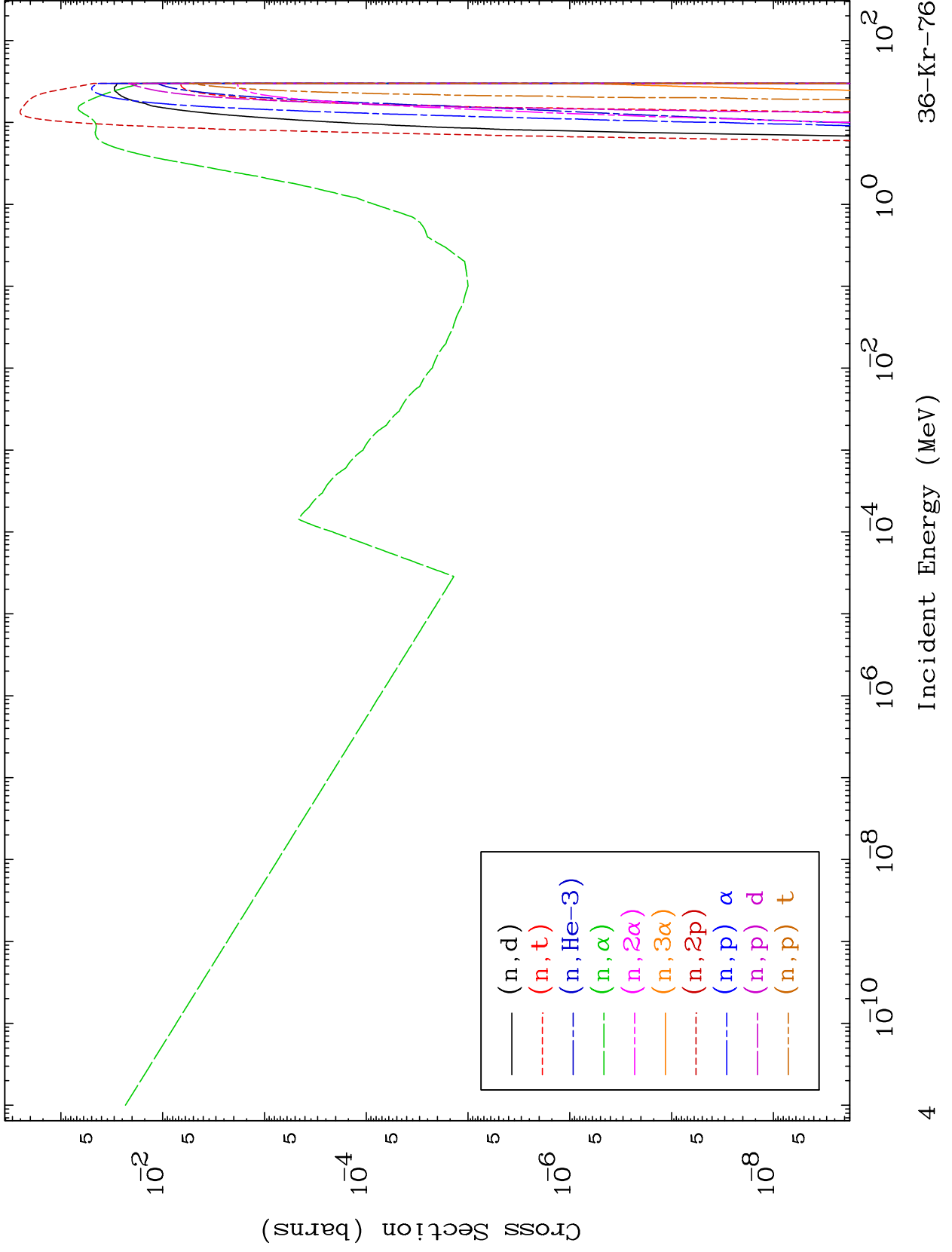
36-Kr-76

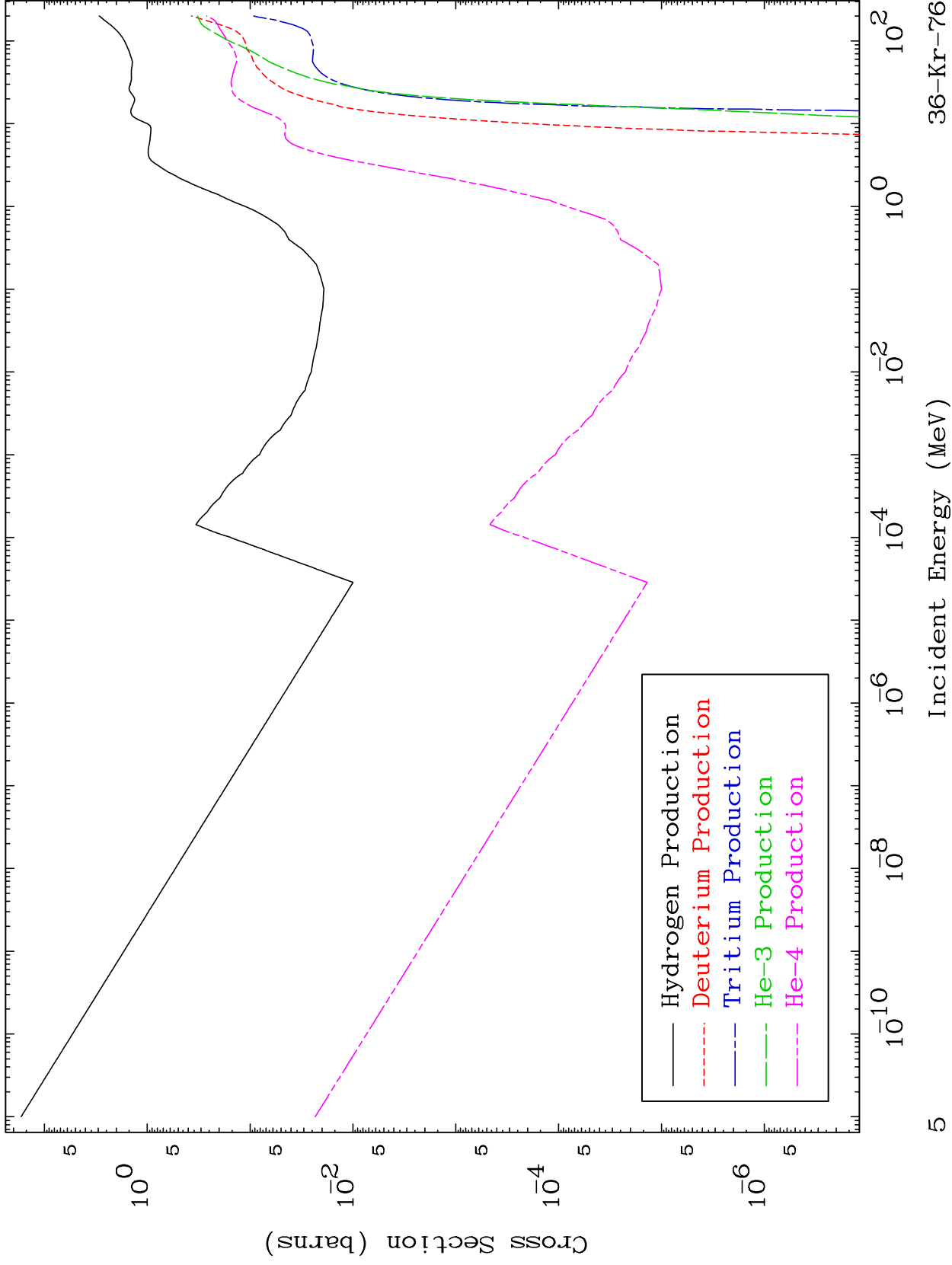


MAT 3619

Charged Particle
293 Kelvin Cross Sections

36-Kr-76



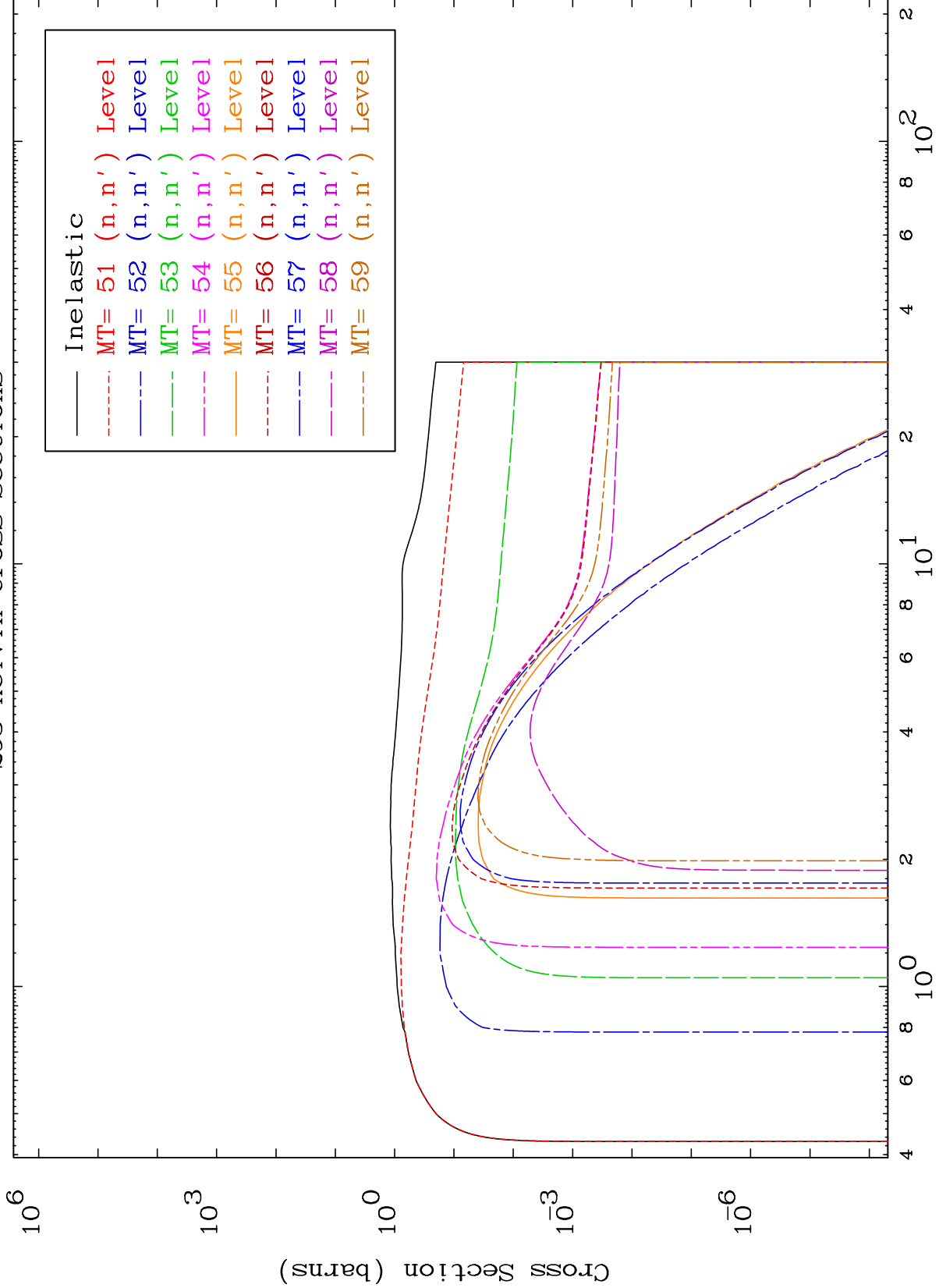


MAT 3619

(n,n') Level

36-Kr-76

293 Kelvin Cross Sections



6

Incident Energy (MeV)

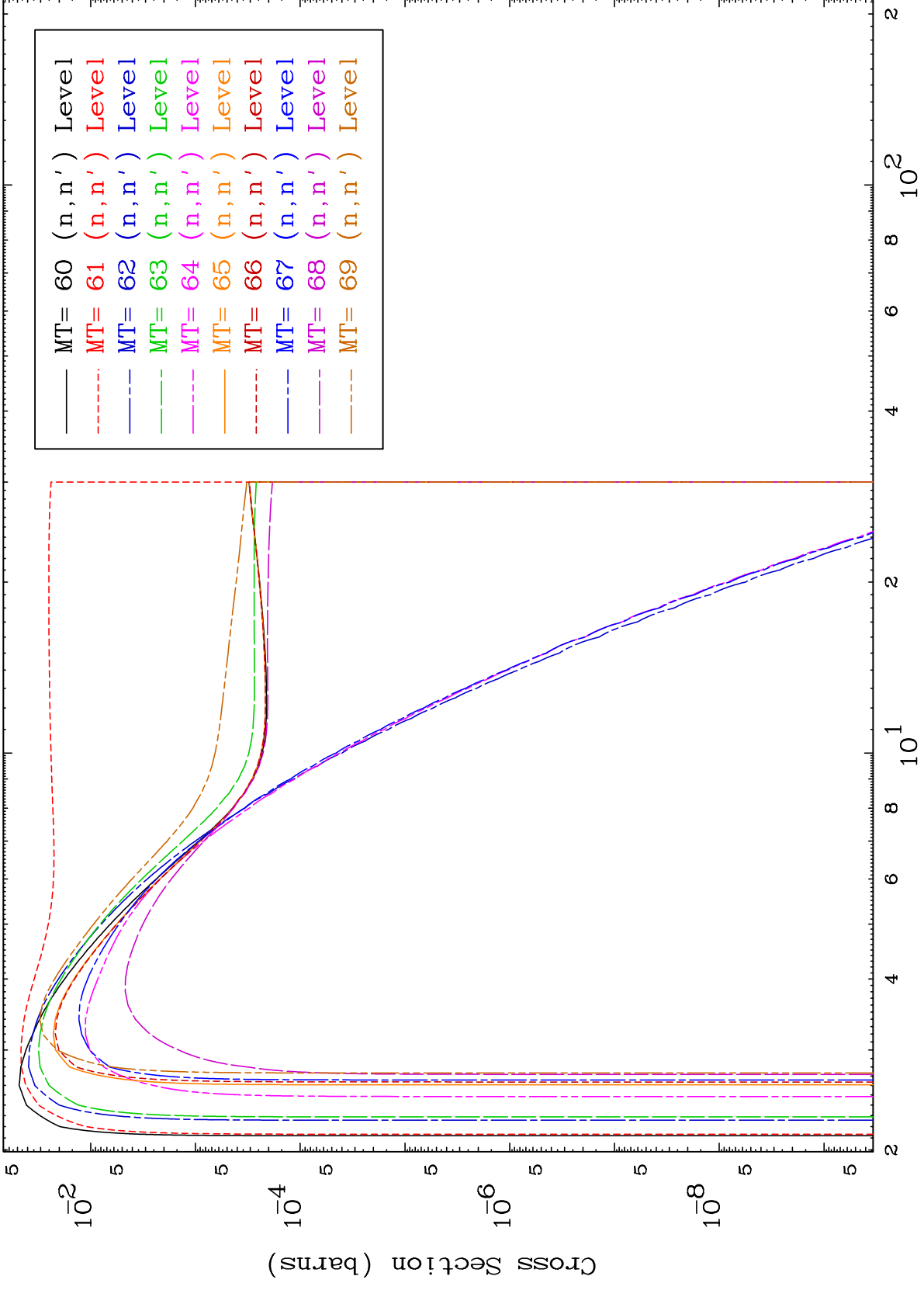
36-Kr-76

MAT 3619

(n,n') Level

36-Kr-76

293 Kelvin Cross Sections



7

Incident Energy (MeV)

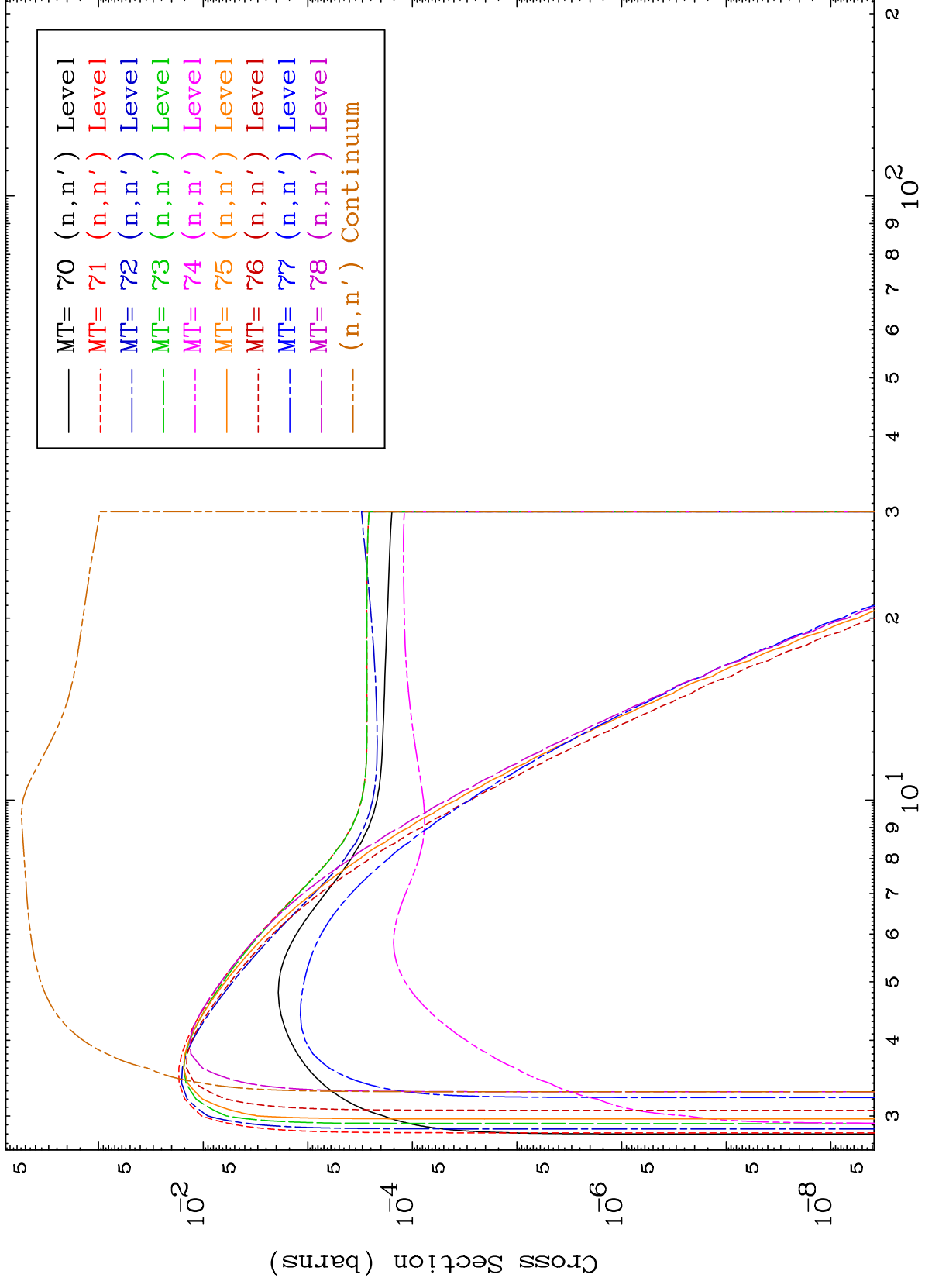
36-Kr-76

MAT 3619

(n,n') Level

36-Kr-76

293 Kelvin Cross Sections



8

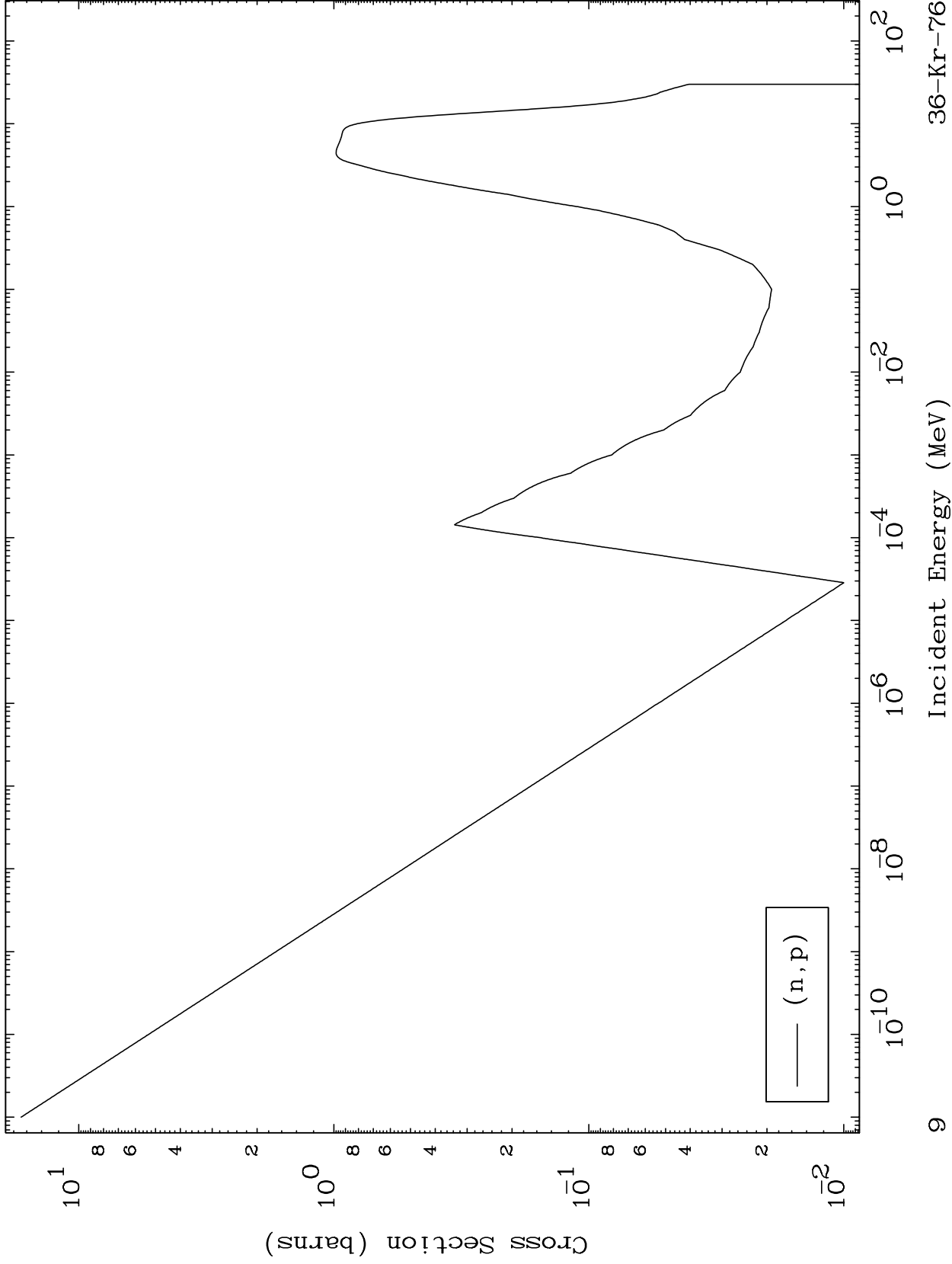
Incident Energy (MeV)

36-Kr-76

MAT 3619

(n,p) Levels
293 Kelvin Cross Sections

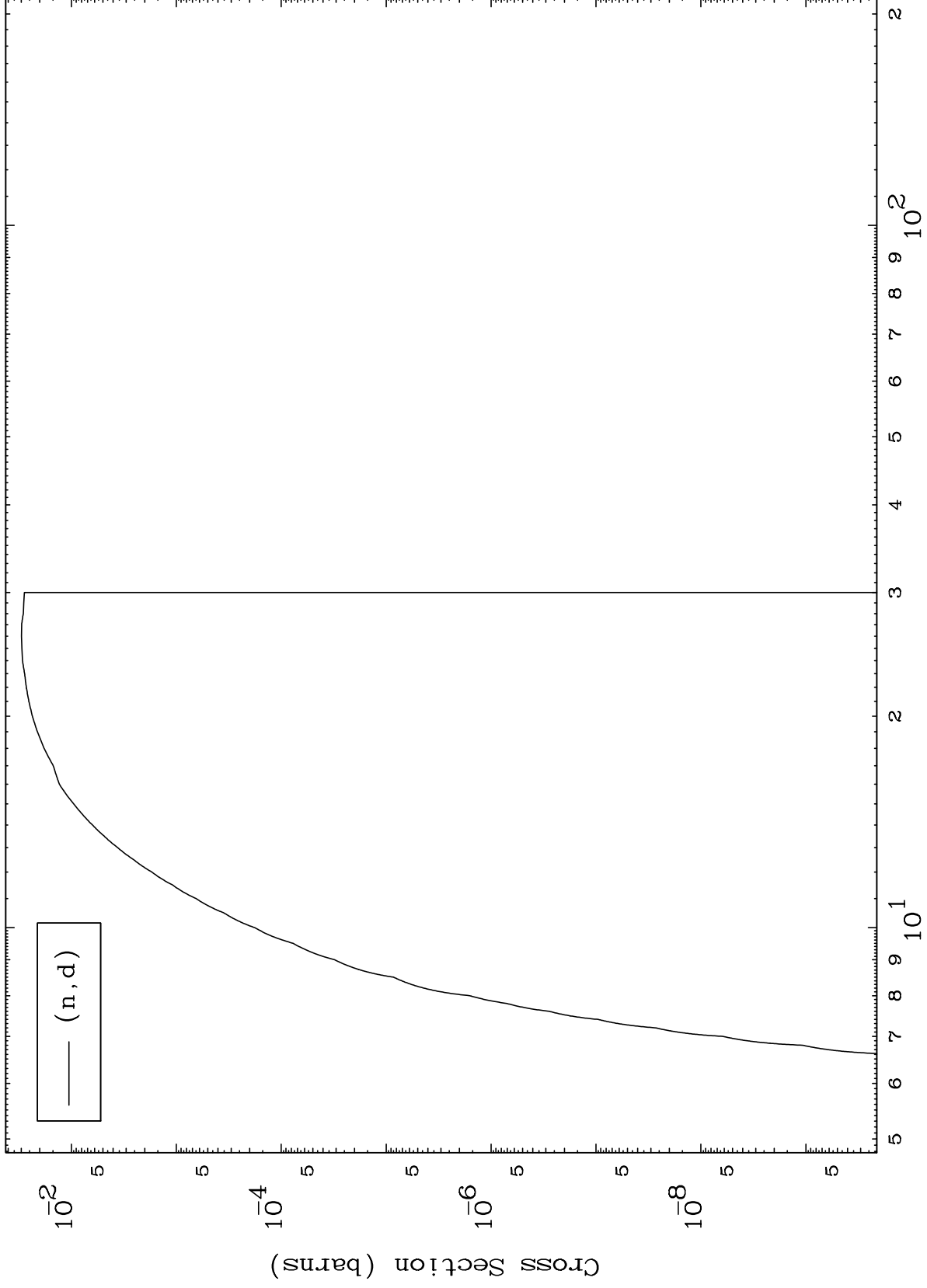
36-Kr-76



MAT 3619

(n,d) Levels
293 Kelvin Cross Sections

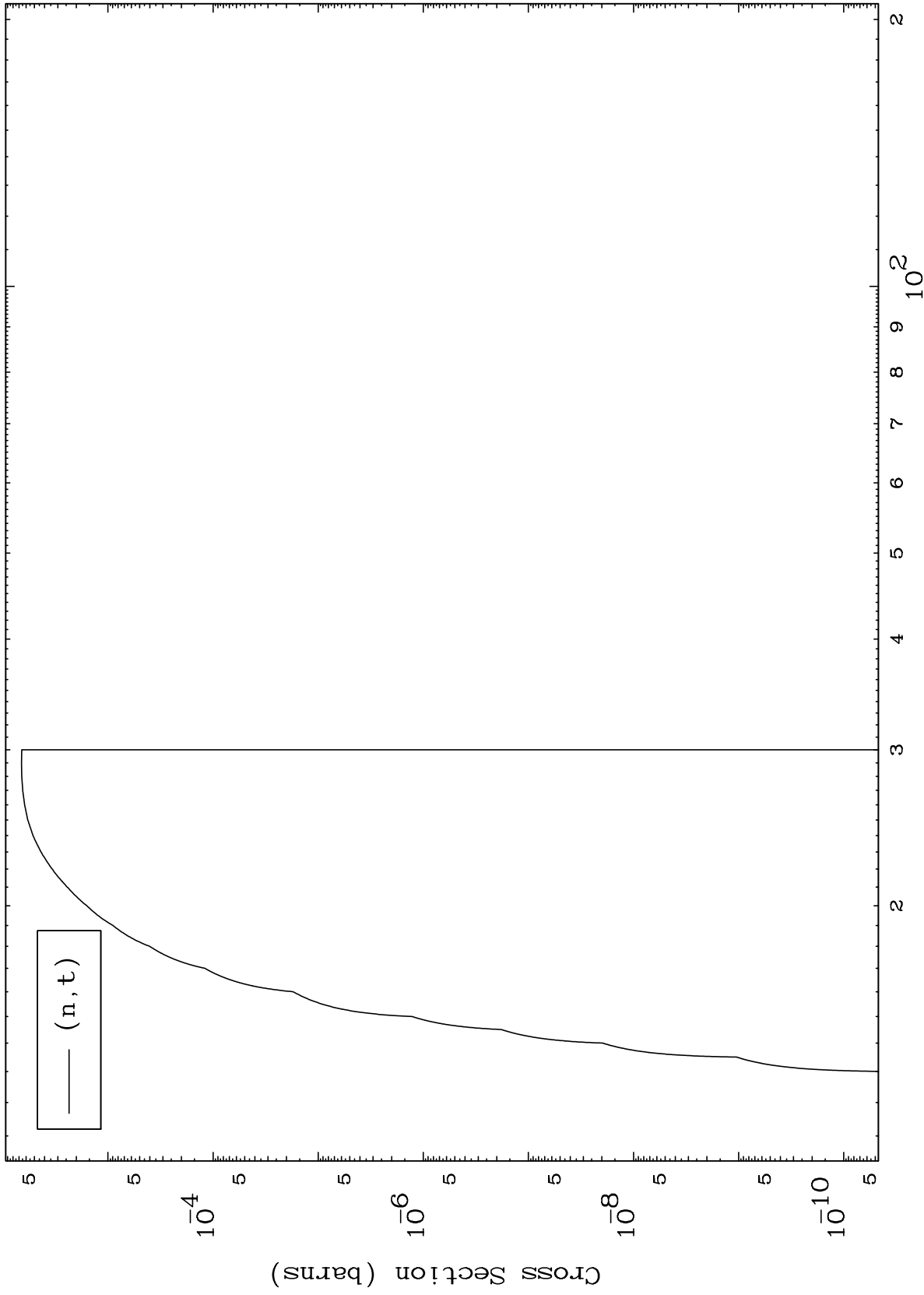
36-Kr-76



10

Incident Energy (MeV)

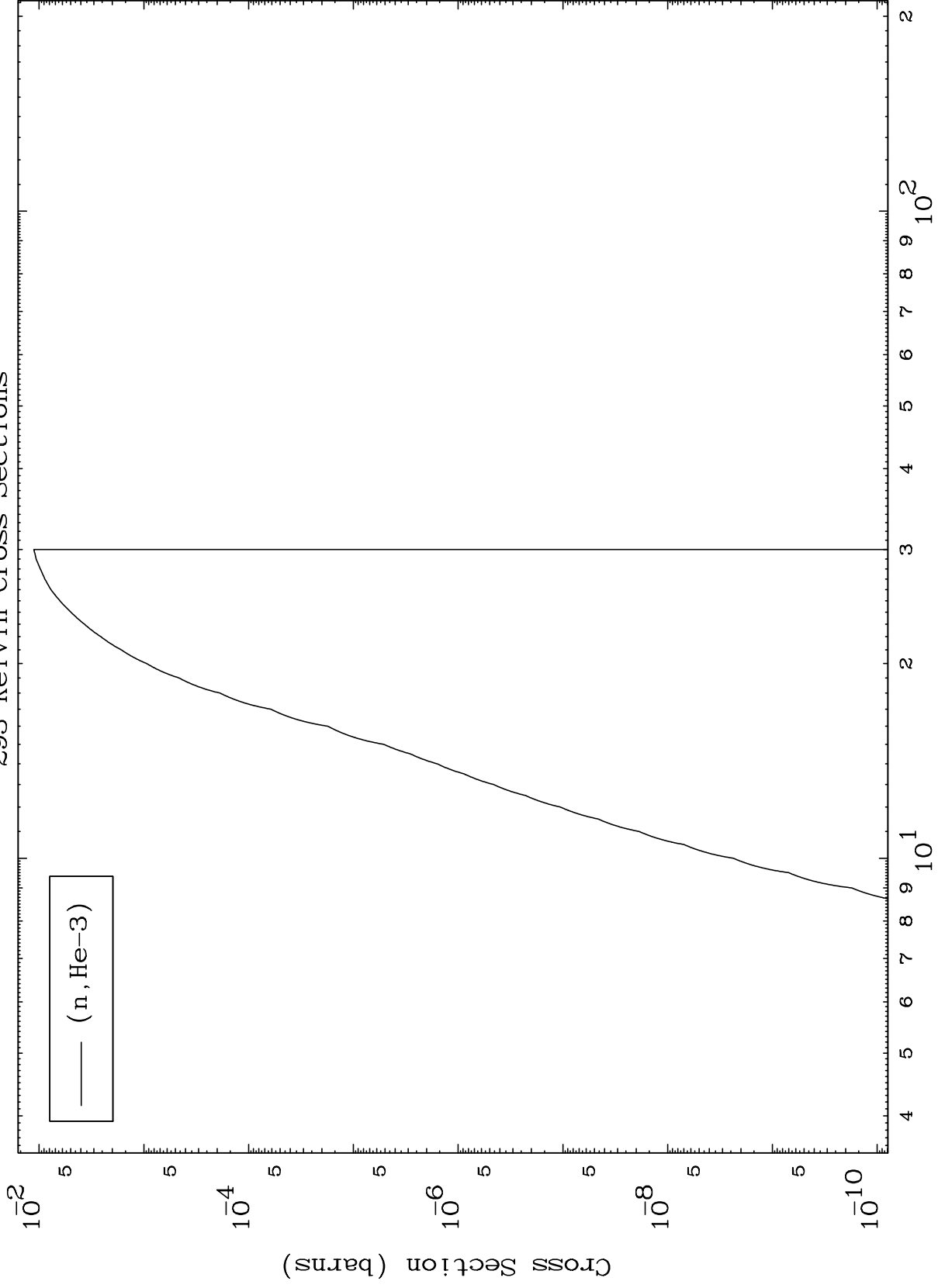
36-Kr-76



MAT 3619

(n,He3) Levels
293 Kelvin Cross Sections

36-Kr-76



12

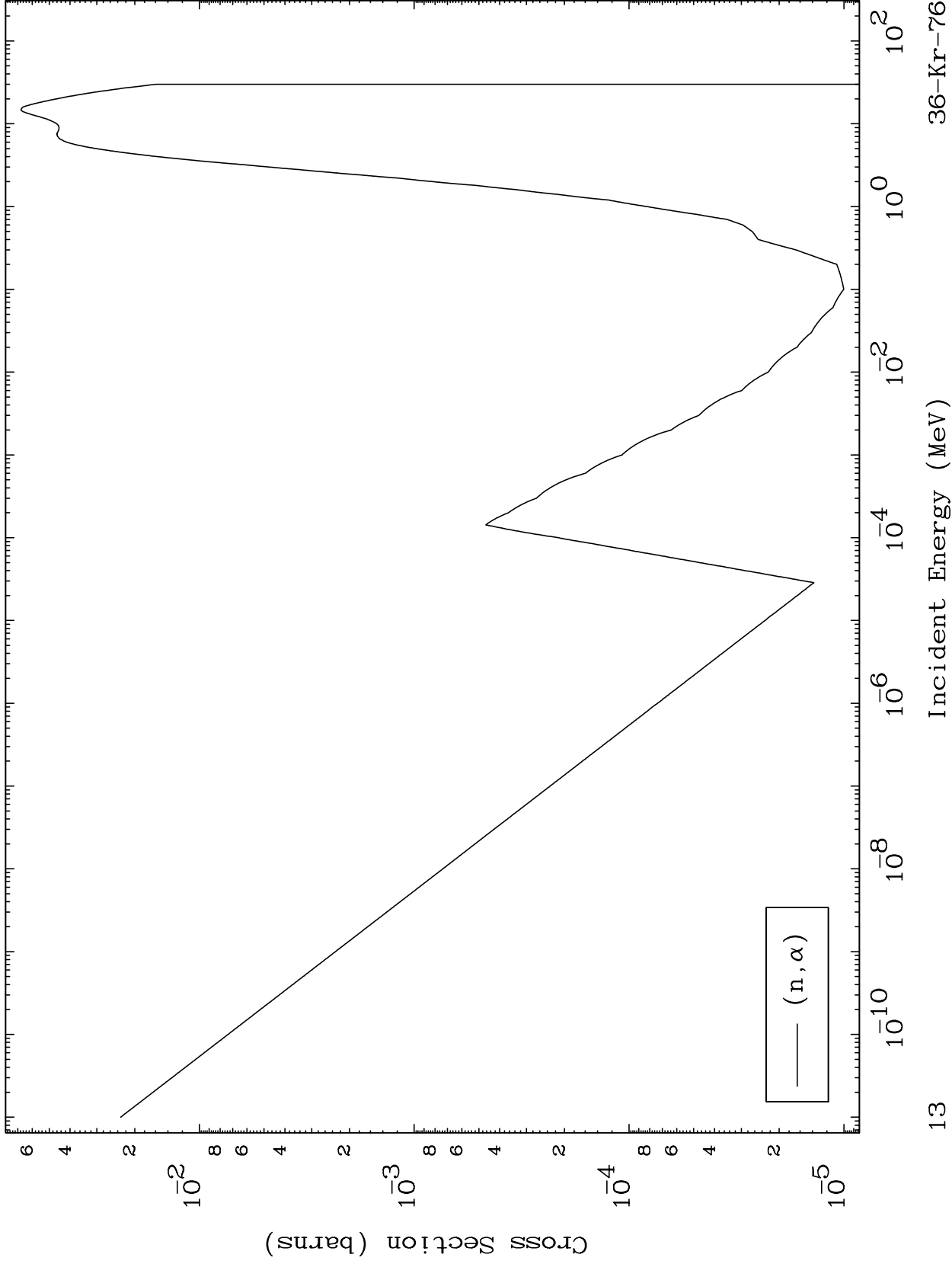
Incident Energy (MeV)

36-Kr-76

MAT 3619

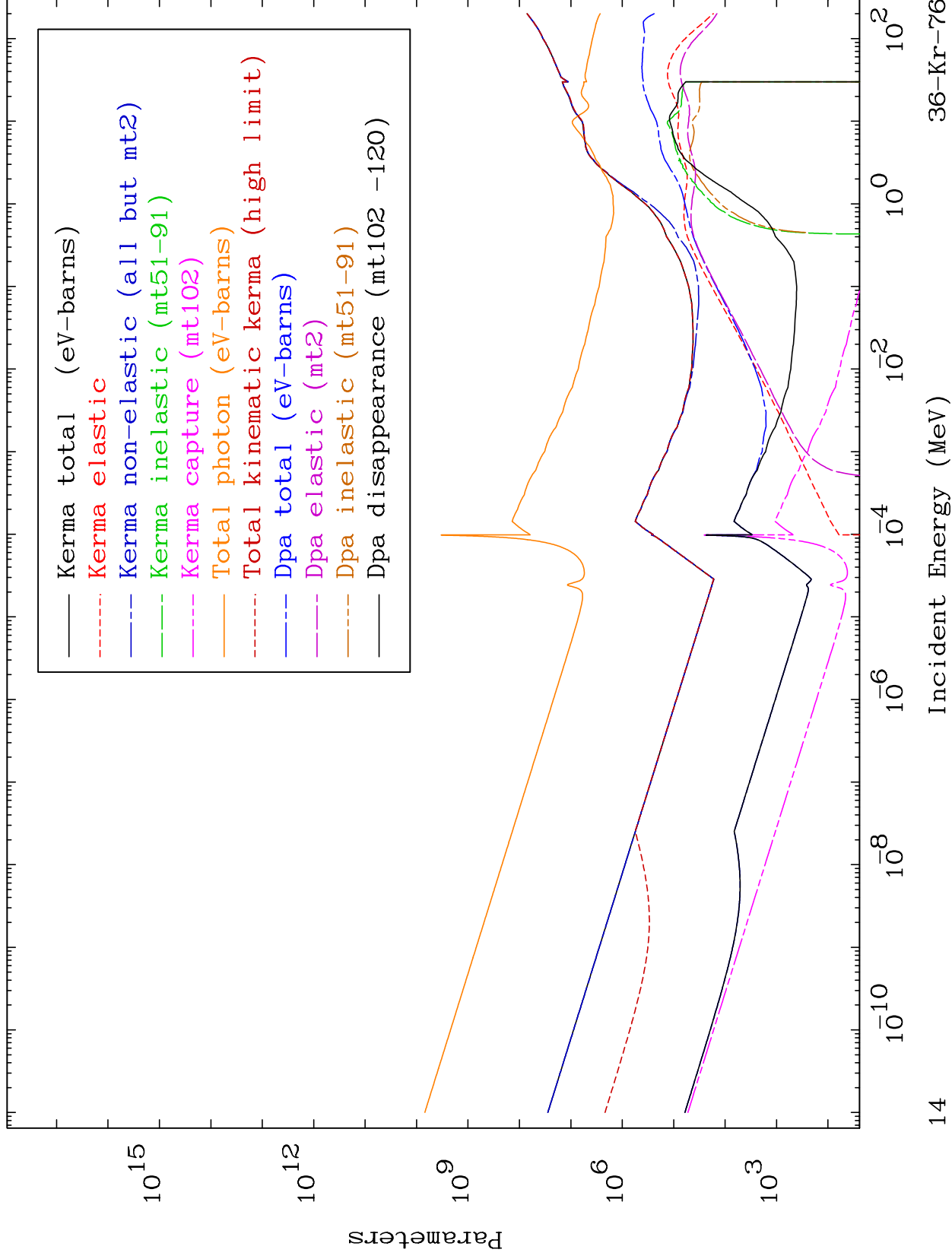
(n, α) Levels
293 Kelvin Cross Sections

36-Kr-76



13

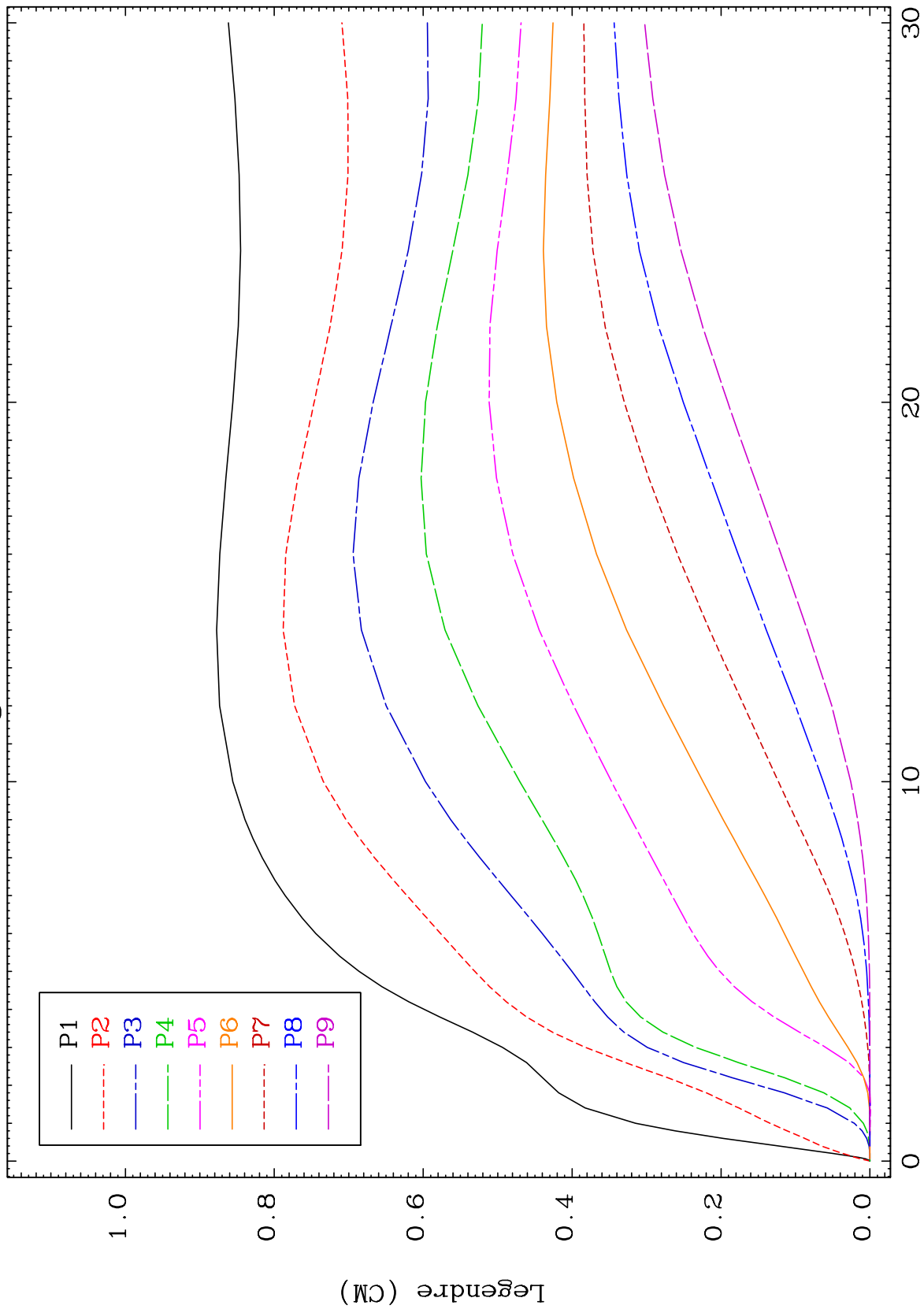
36-Kr-76



MAT 3619

Elastic Legendre Coefficients

³⁶Kr-76



15

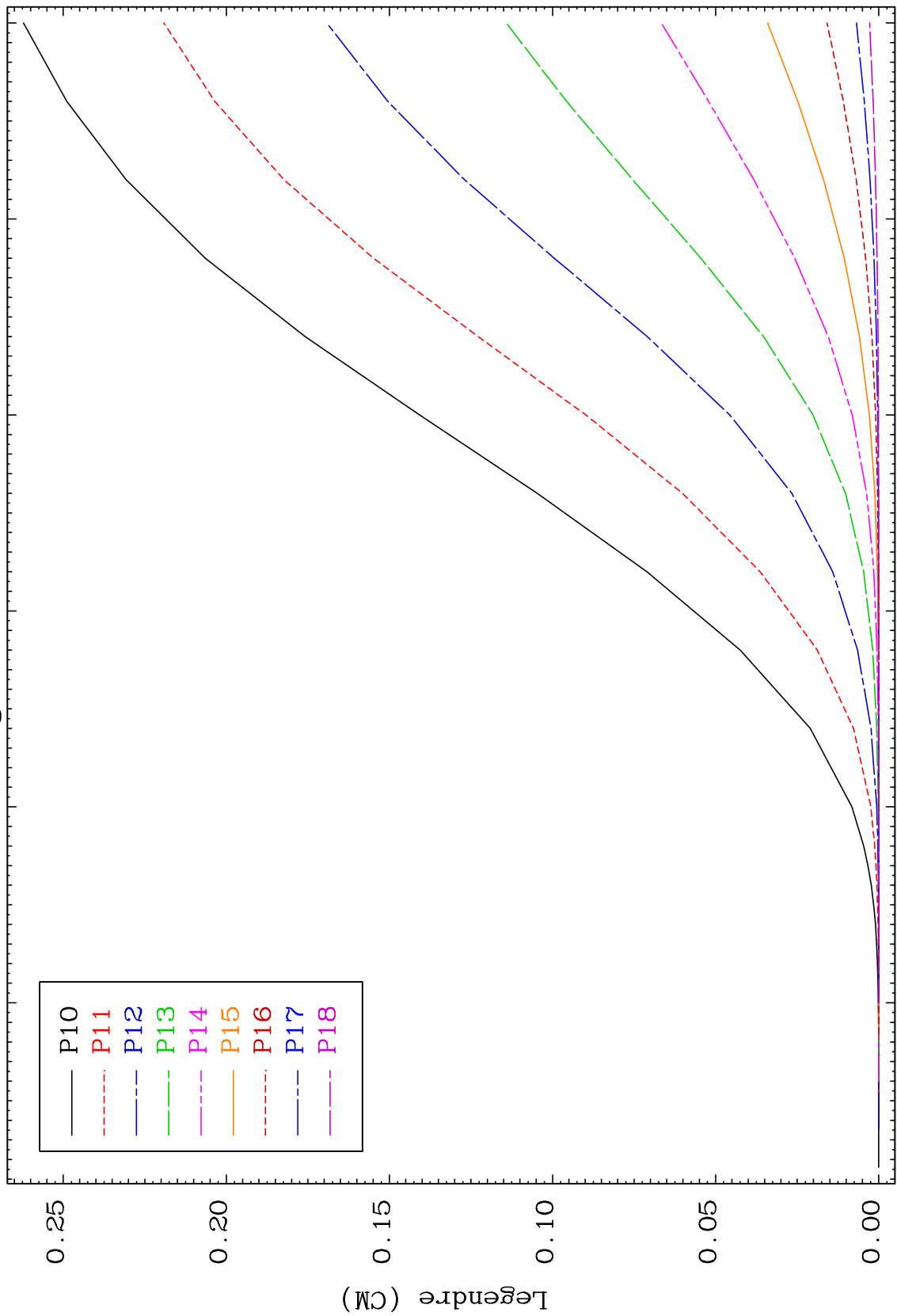
Incident Energy (MeV)

³⁶Kr-76

MAT 3619

Elastic Legendre Coefficients

³⁶Kr-76



16

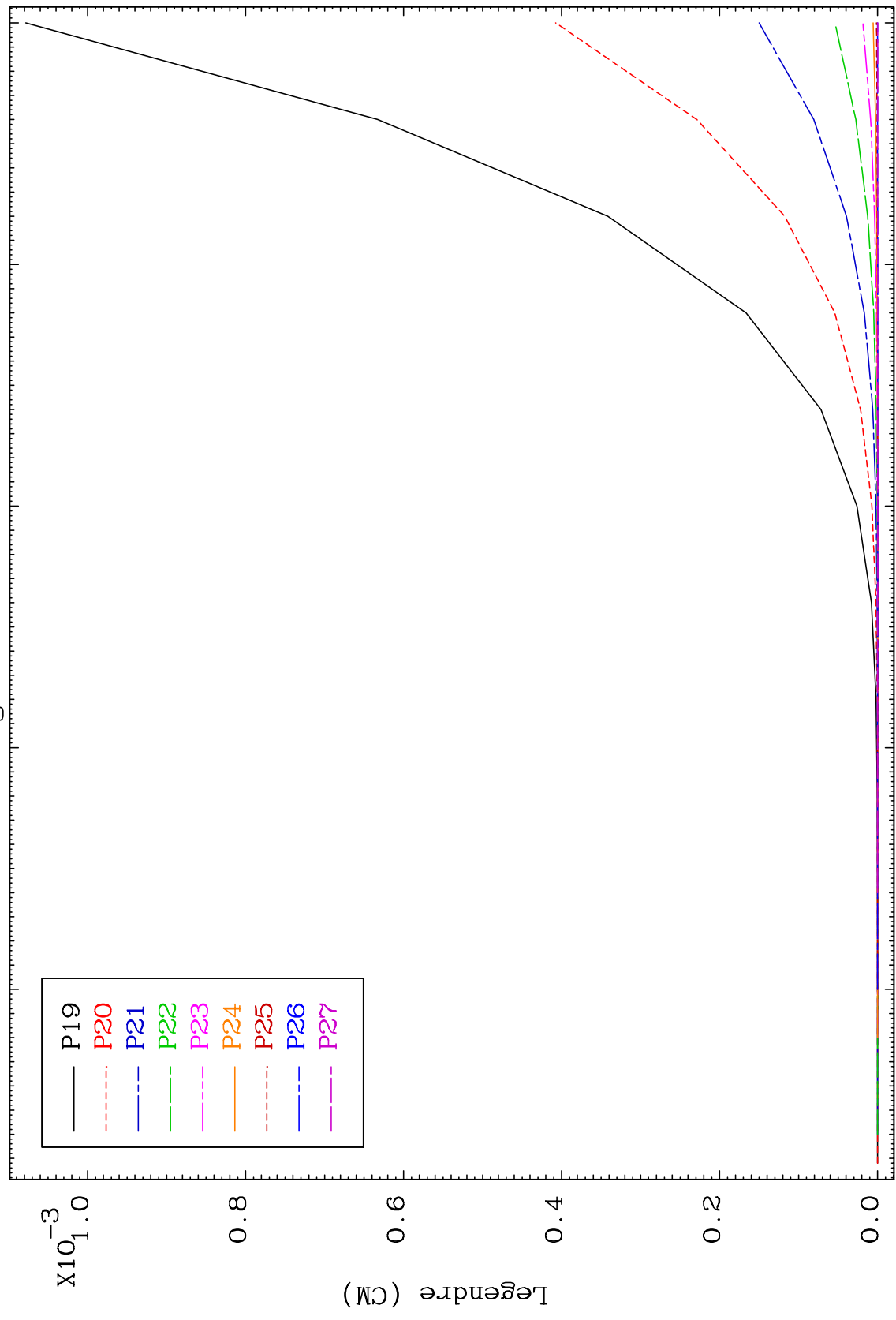
Incident Energy (MeV)

³⁶Kr-76

MAT 3619

Elastic Legendre Coefficients

36-Kr-76



17

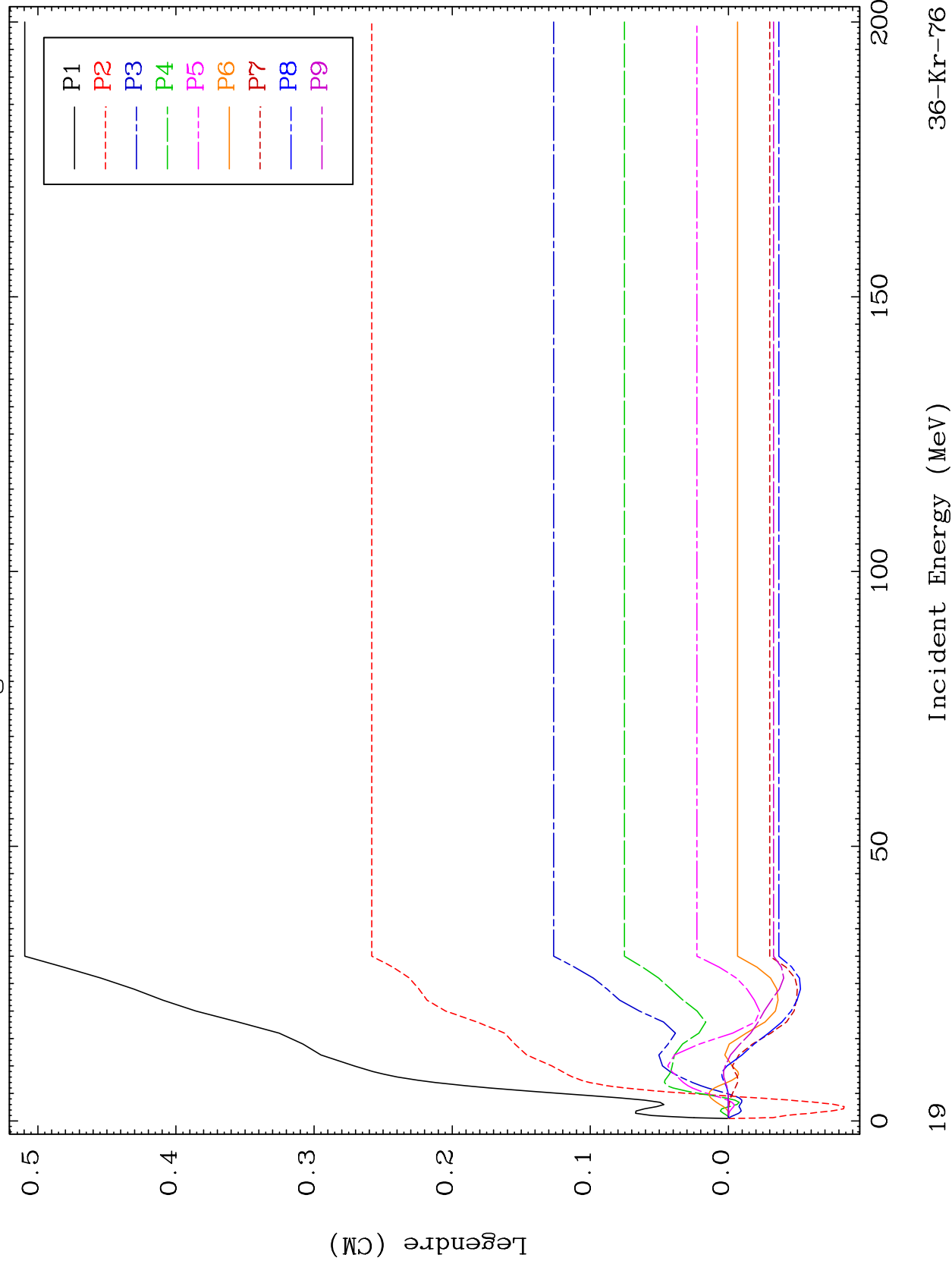
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



19

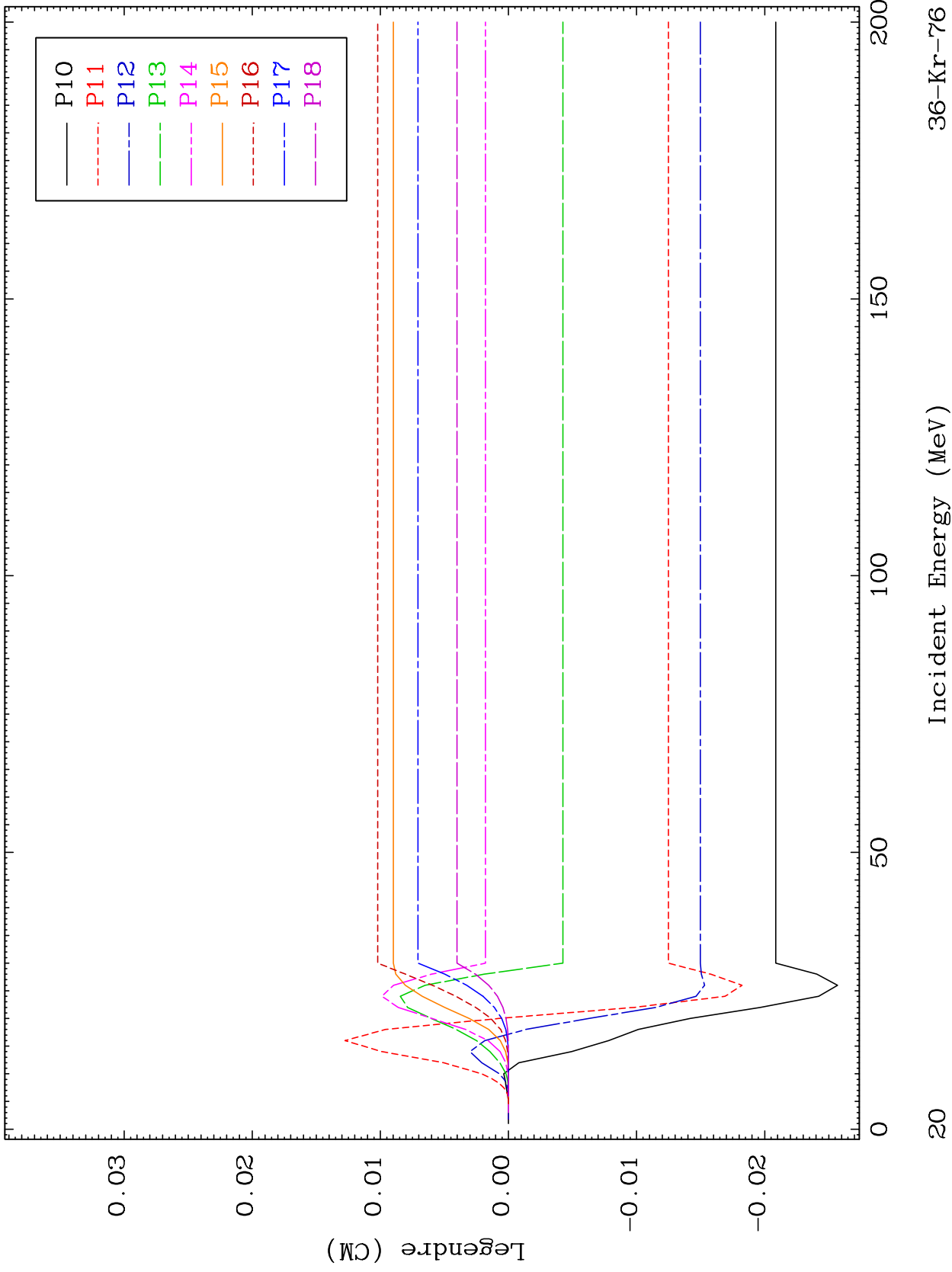
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



36-Kr-76

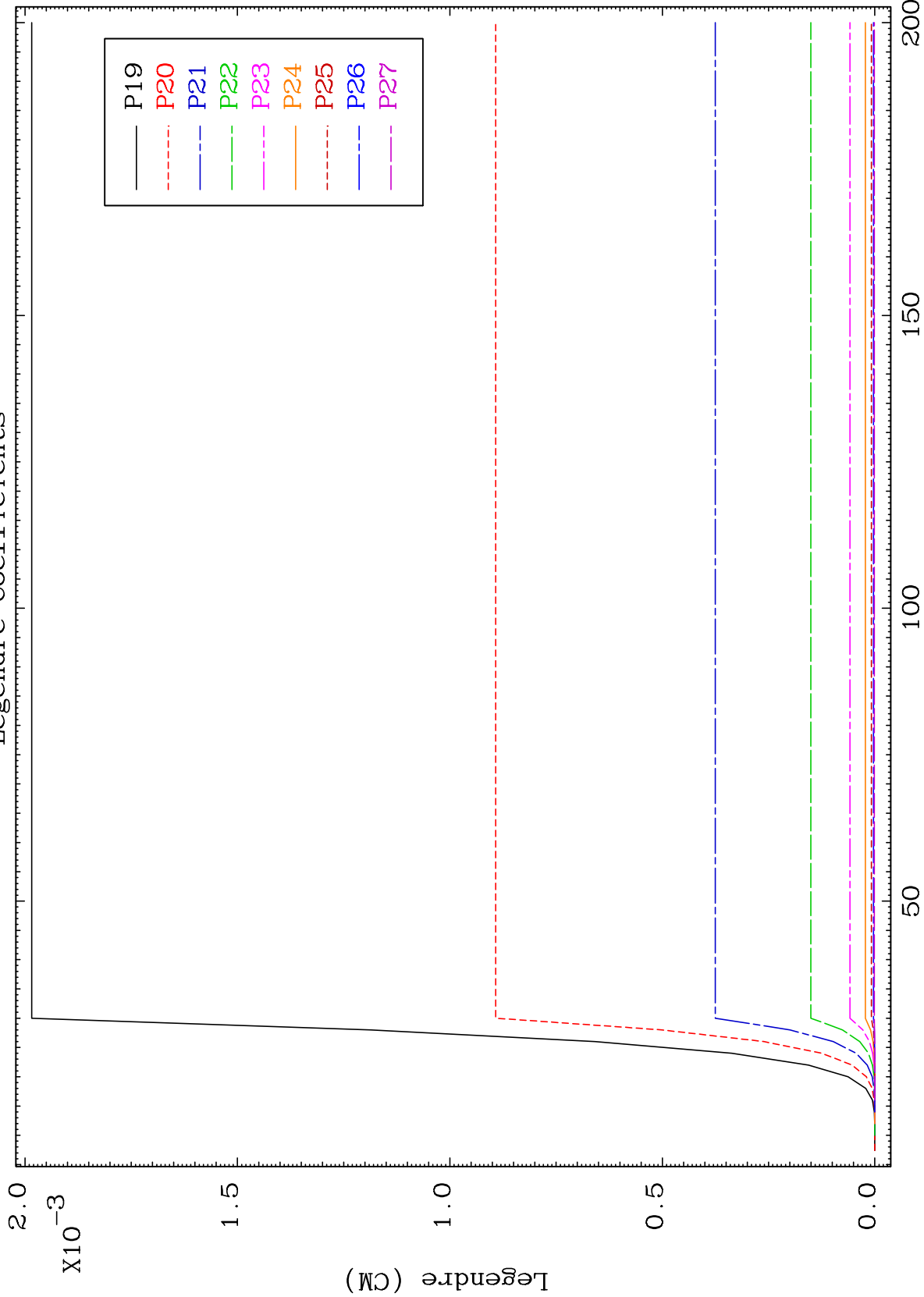
Incident Energy (MeV)

20

MAT 3619

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

36-Kr-76



21

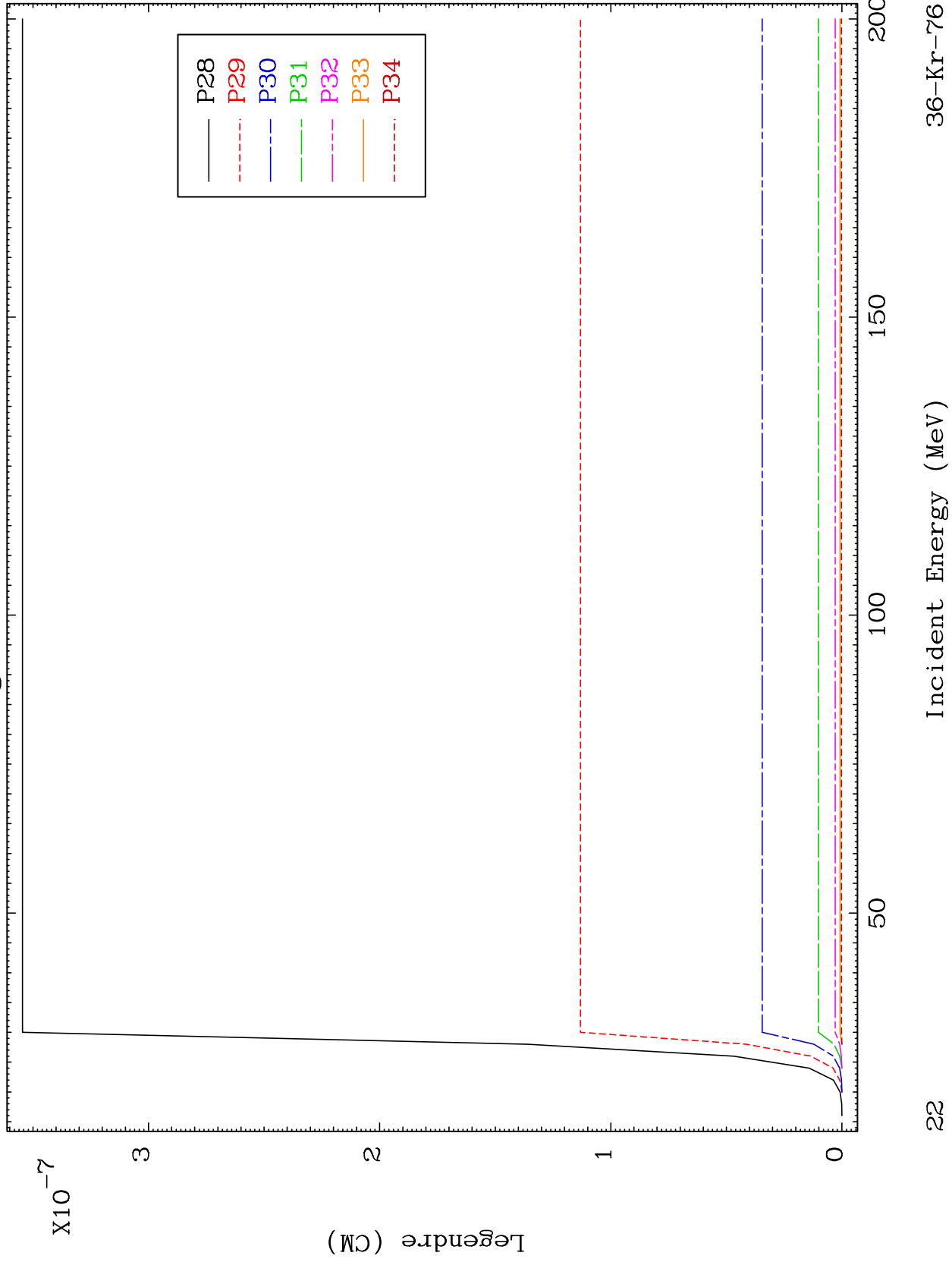
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



22

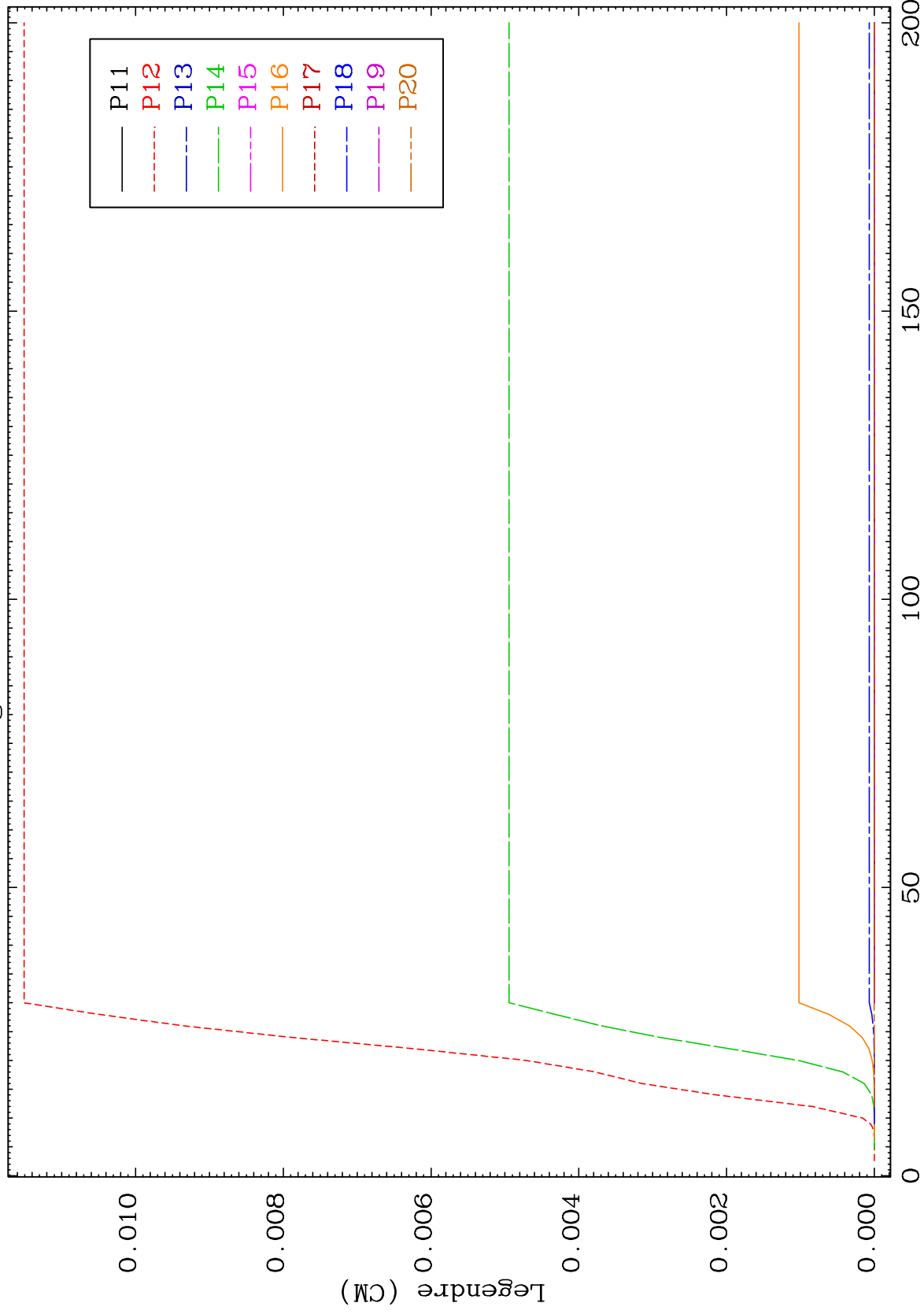
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

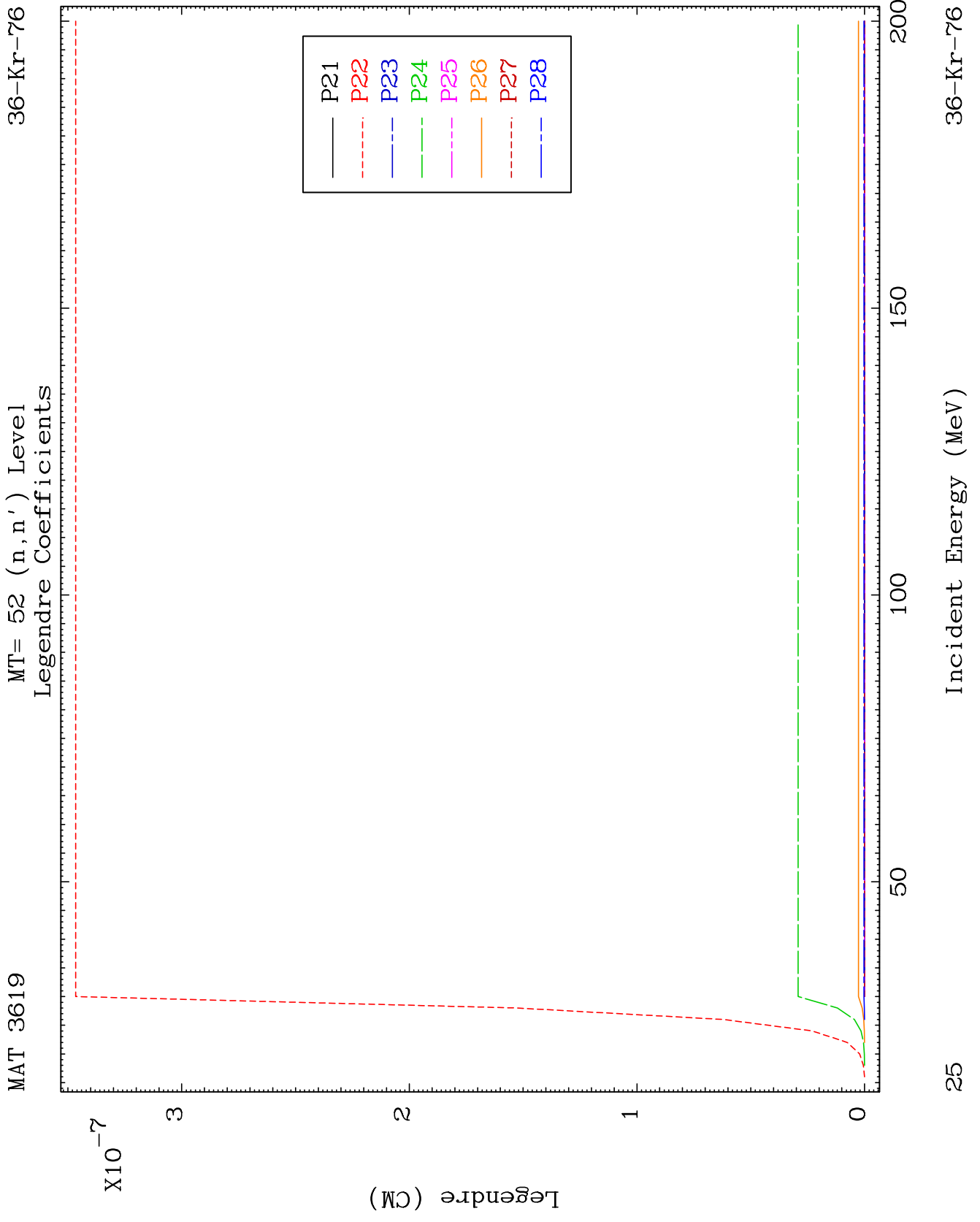
36-Kr-76



24

Incident Energy (MeV)

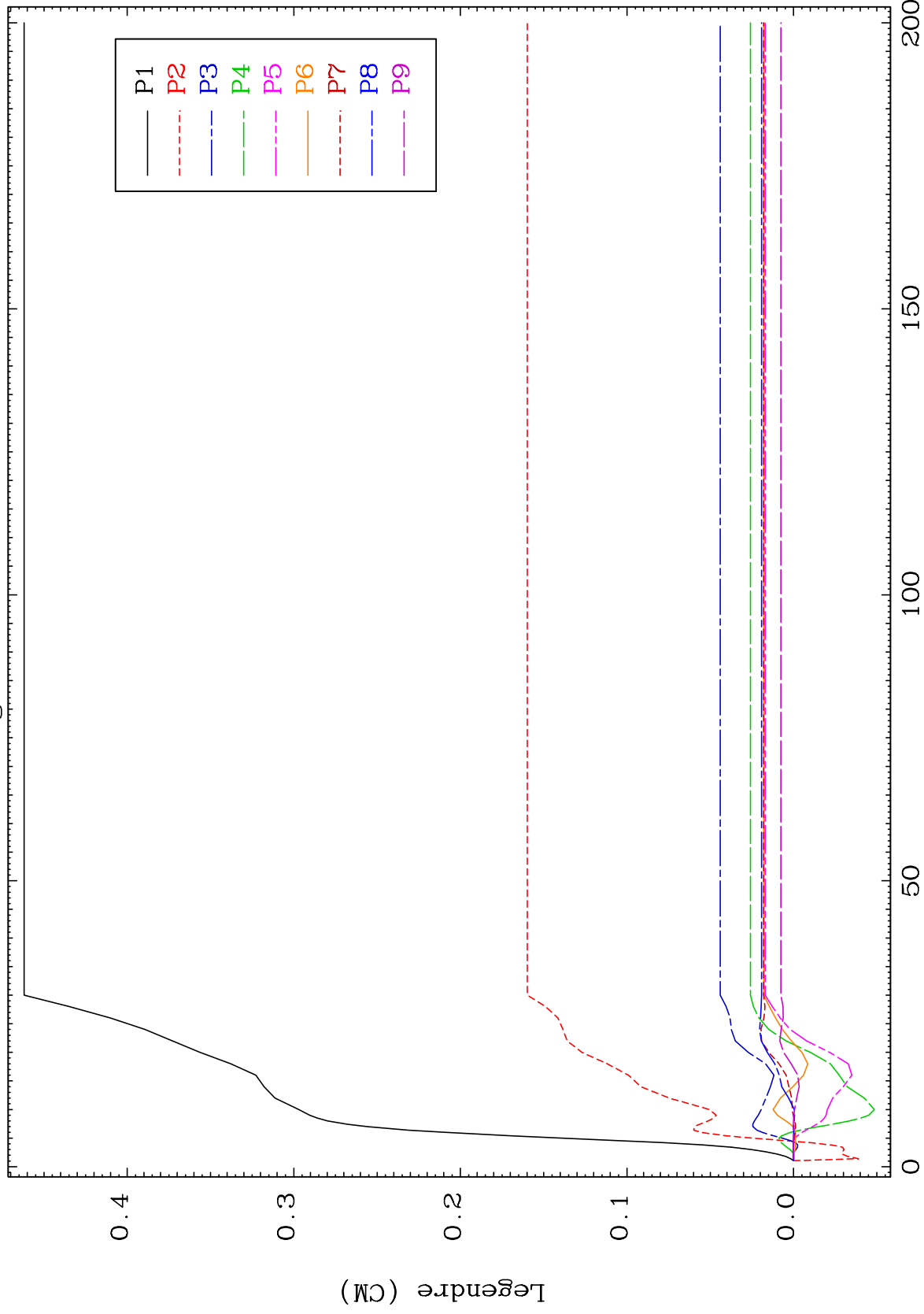
36-Kr-76



MAT 3619

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

36-Kr-76



26

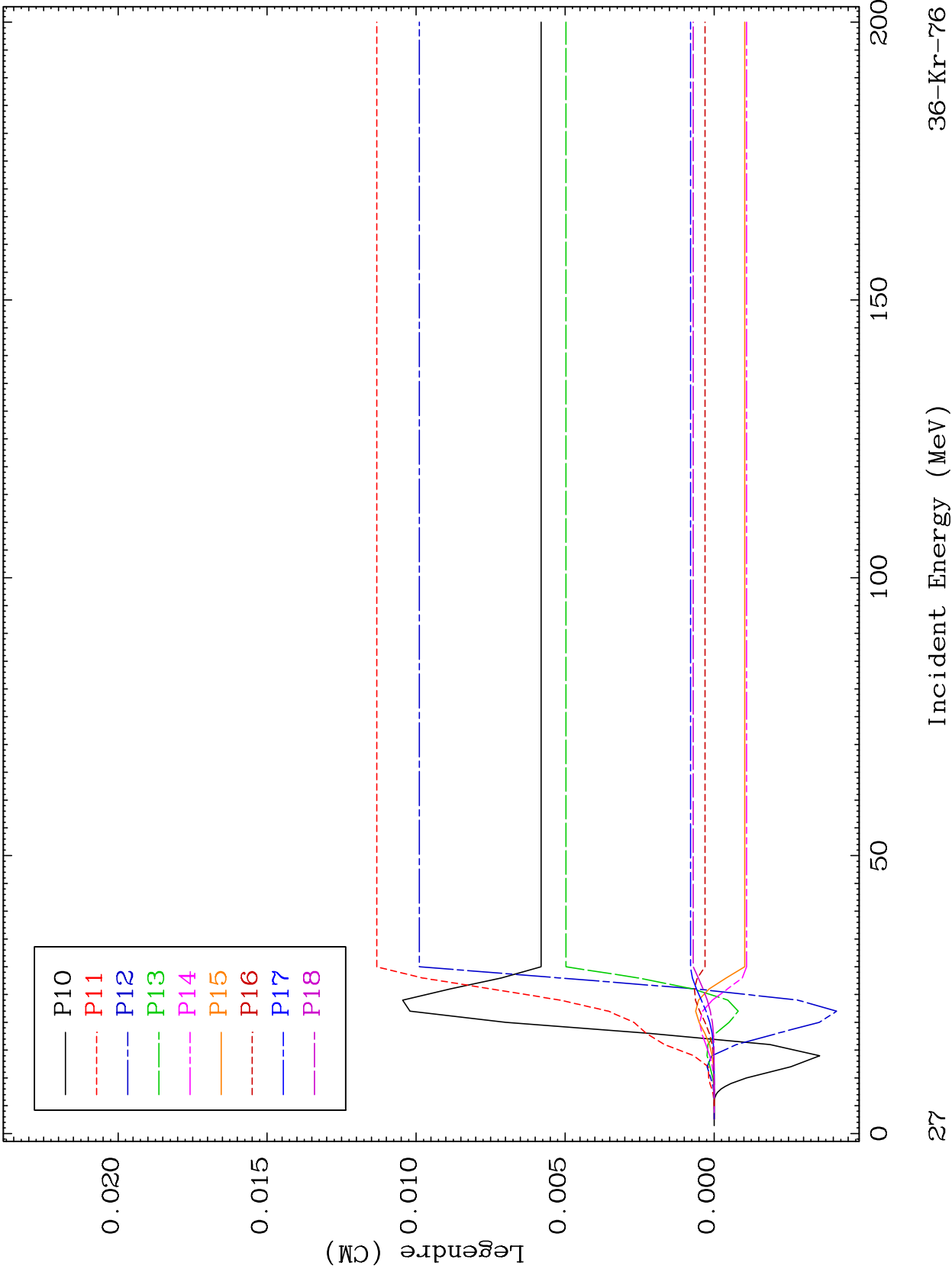
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



27

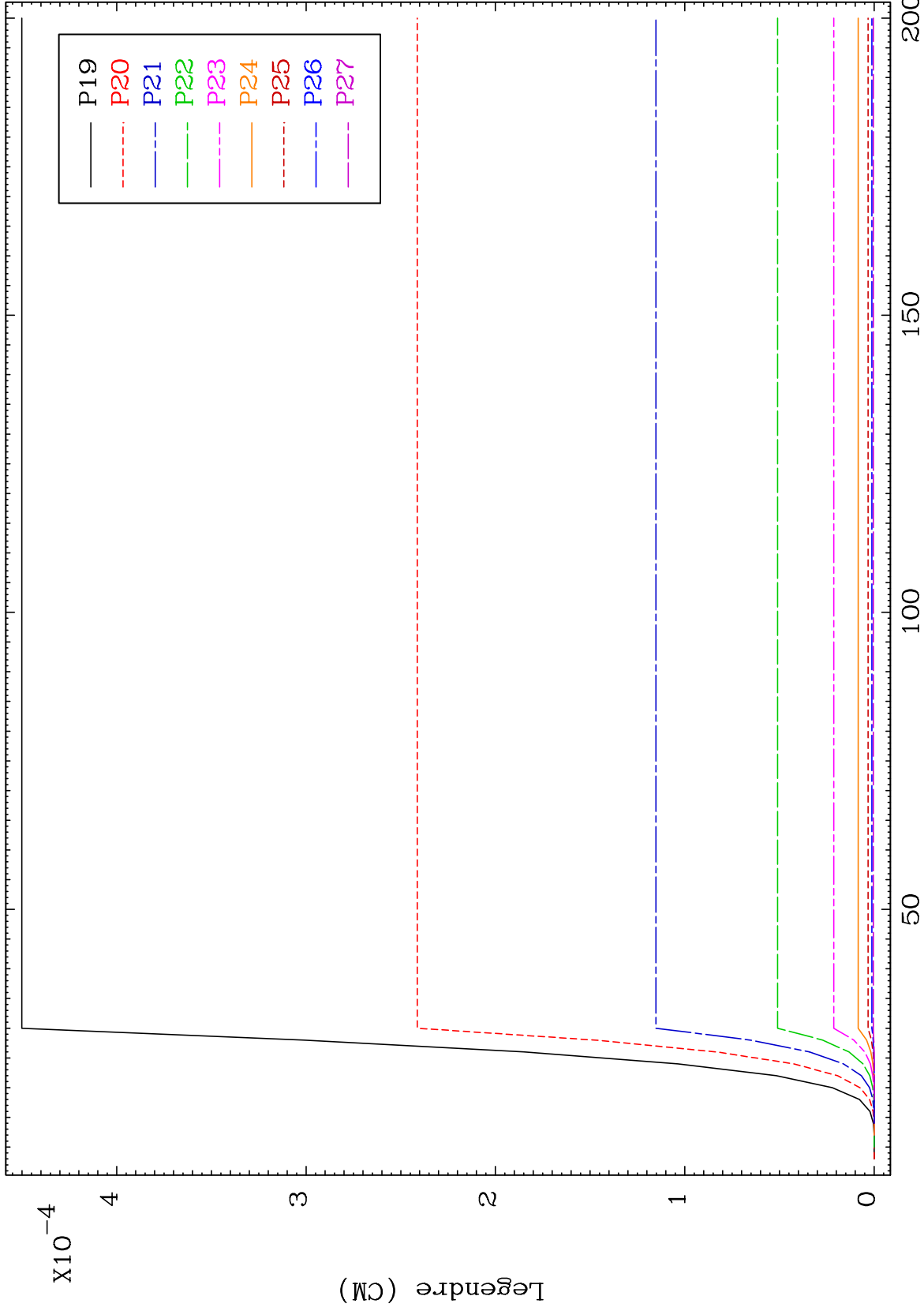
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



28

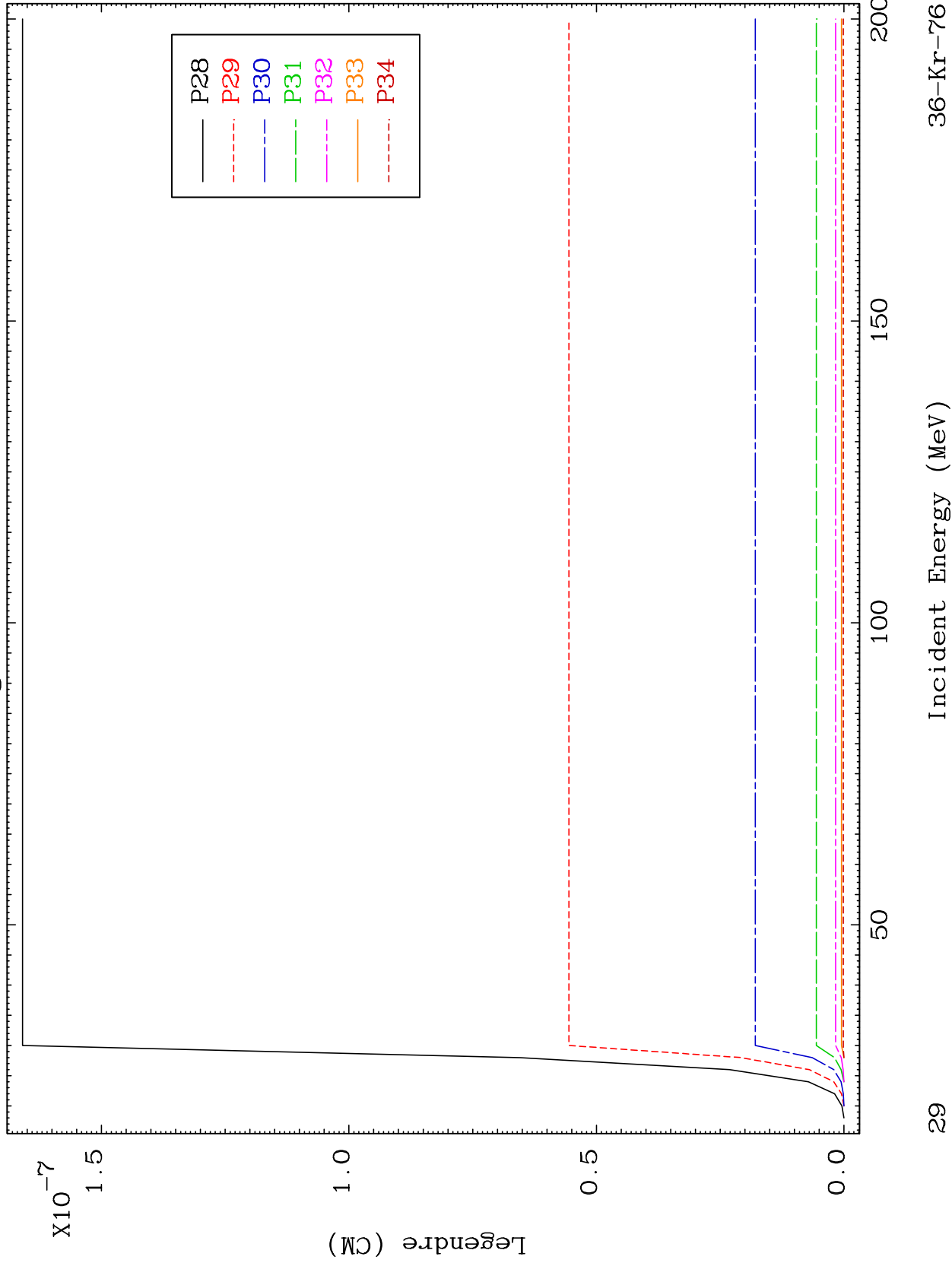
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



29

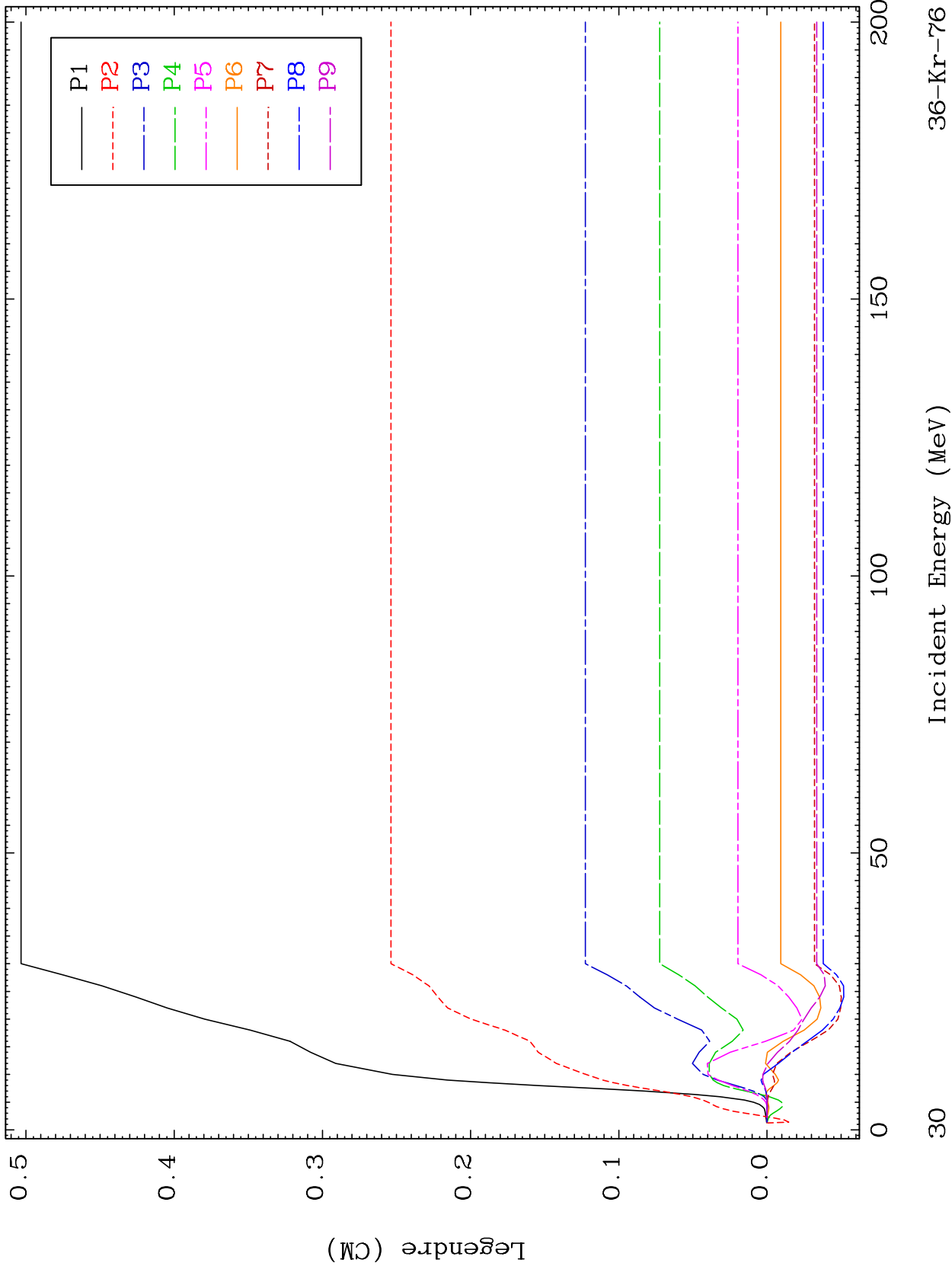
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

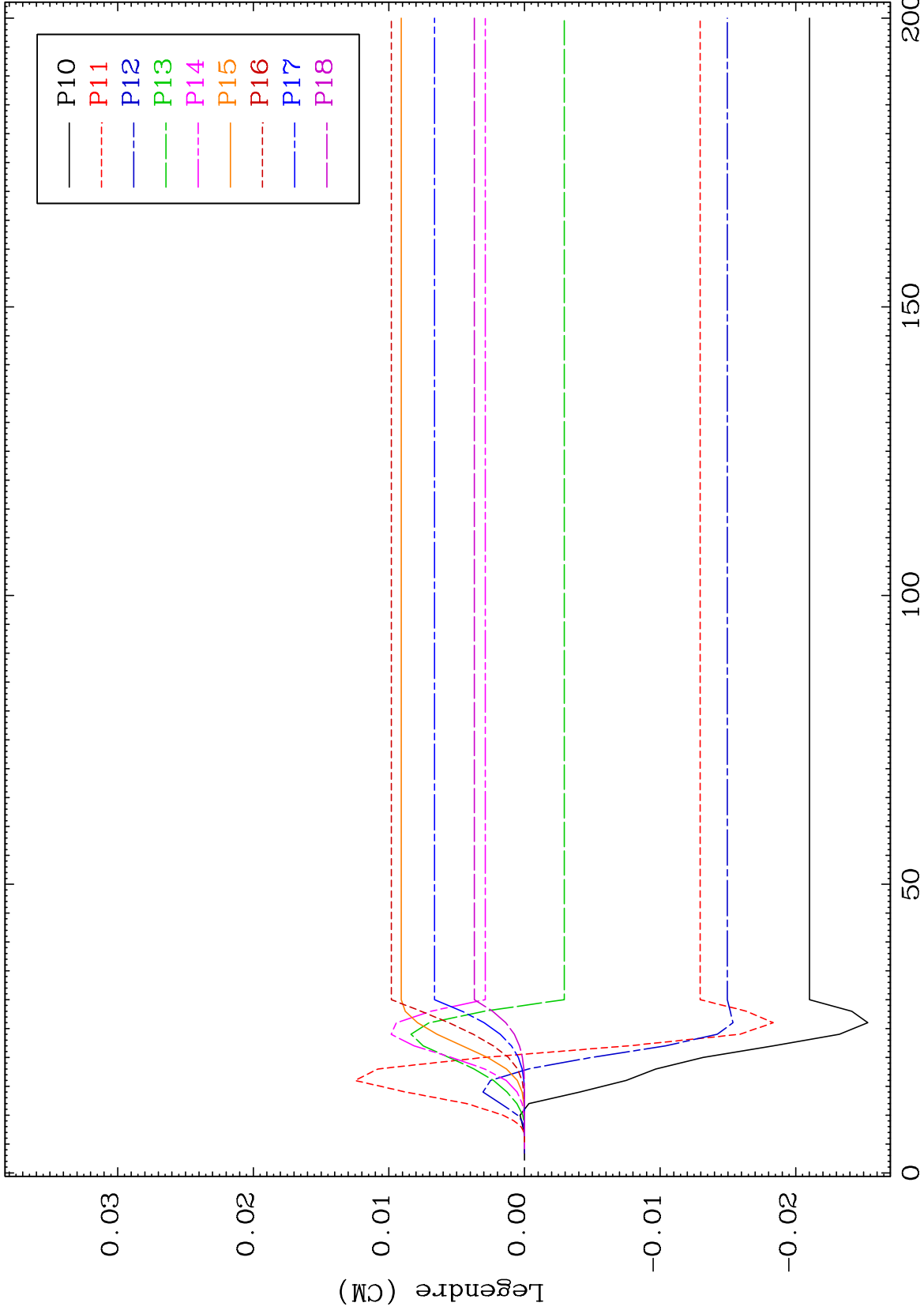
36-Kr-76



MAT 3619

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

36-Kr-76



31

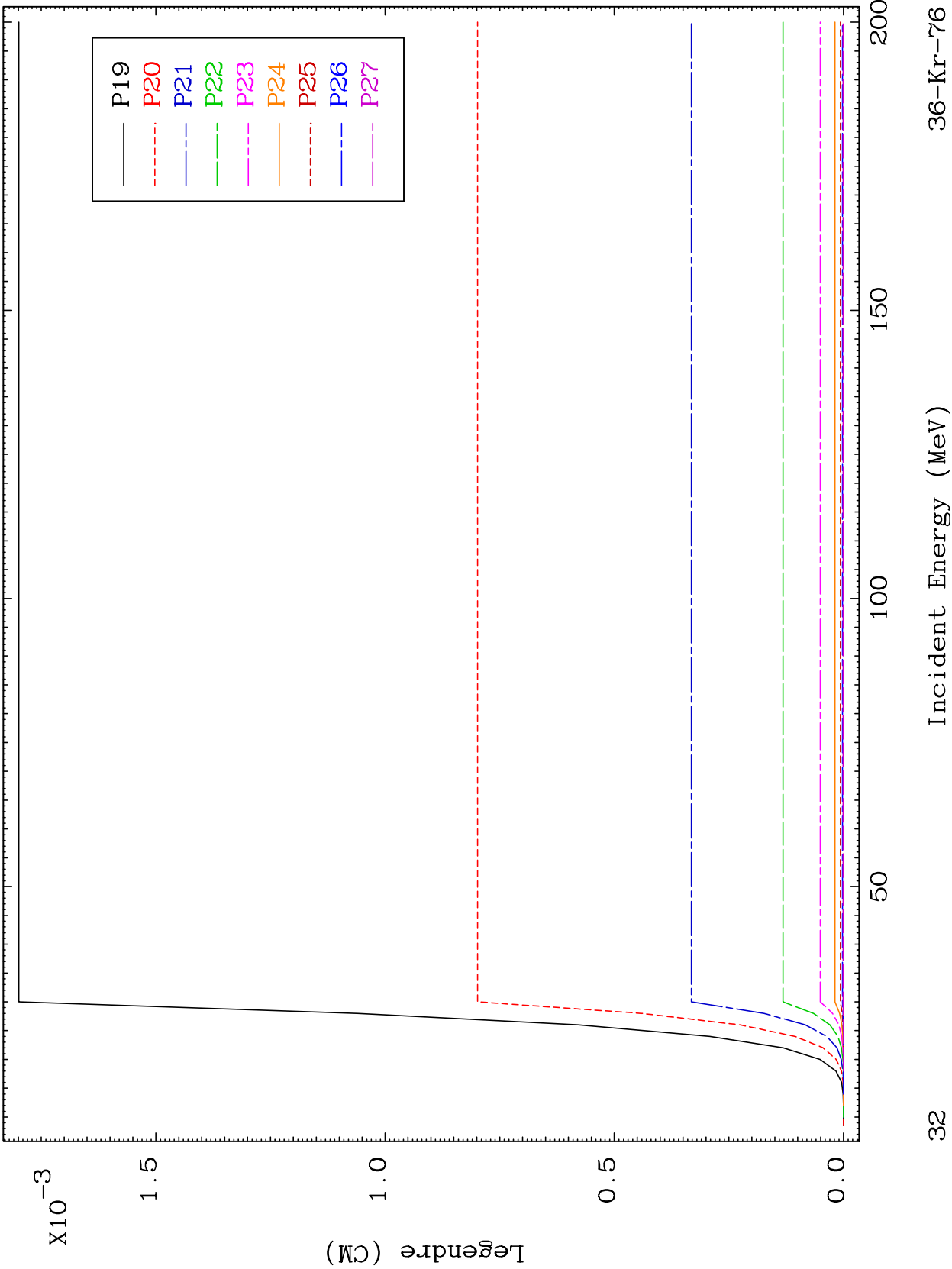
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



32

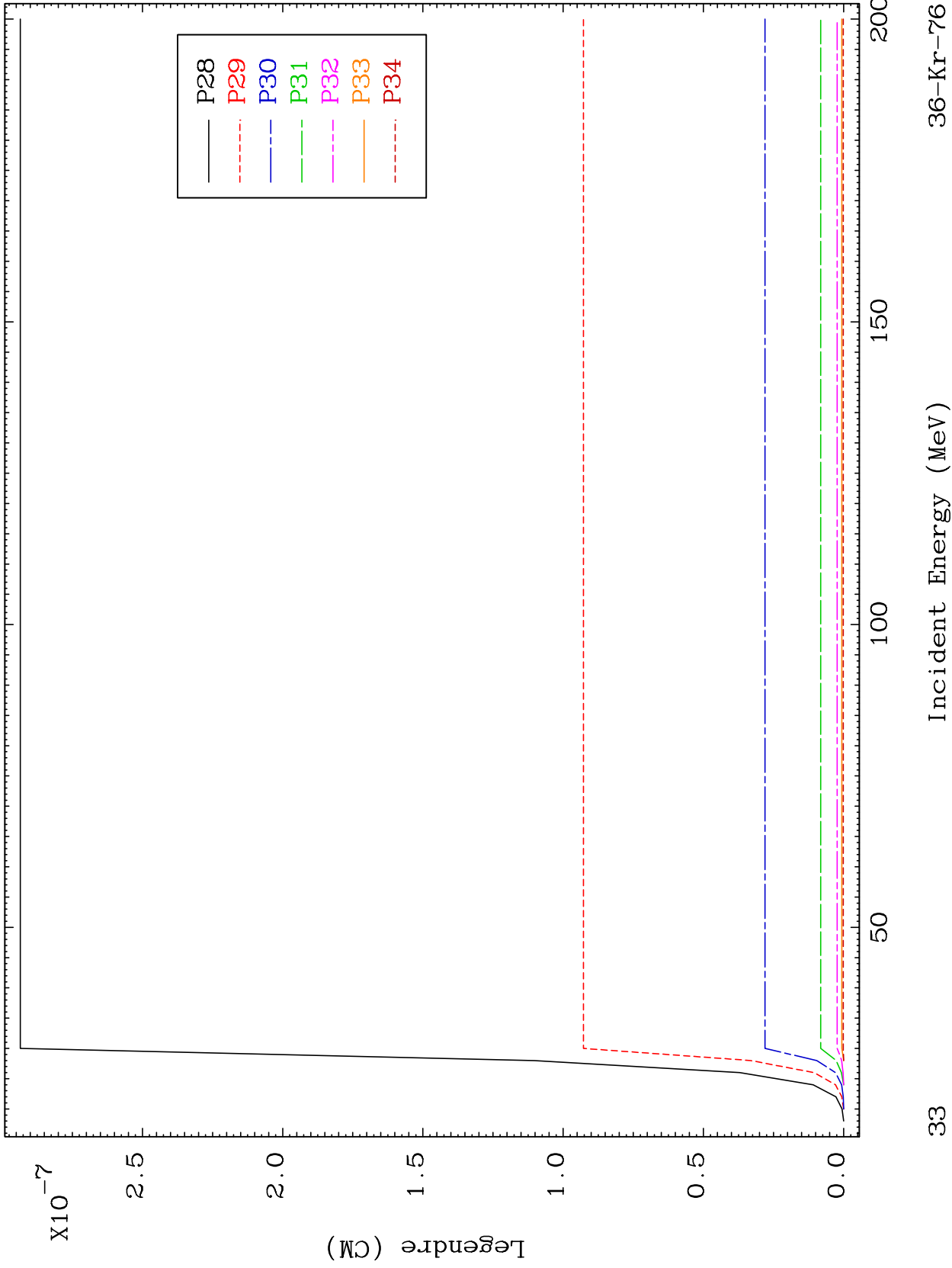
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



33

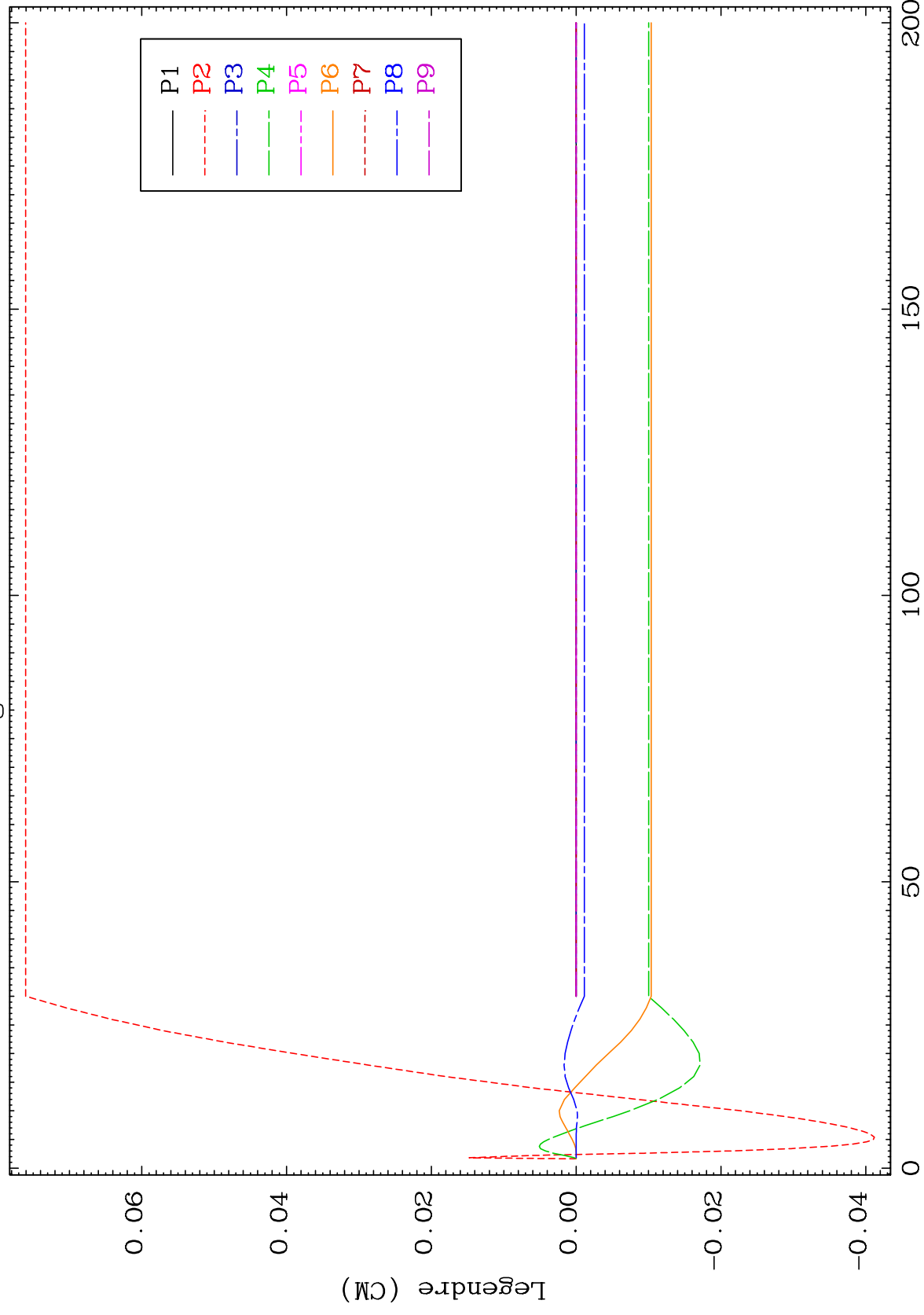
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



34

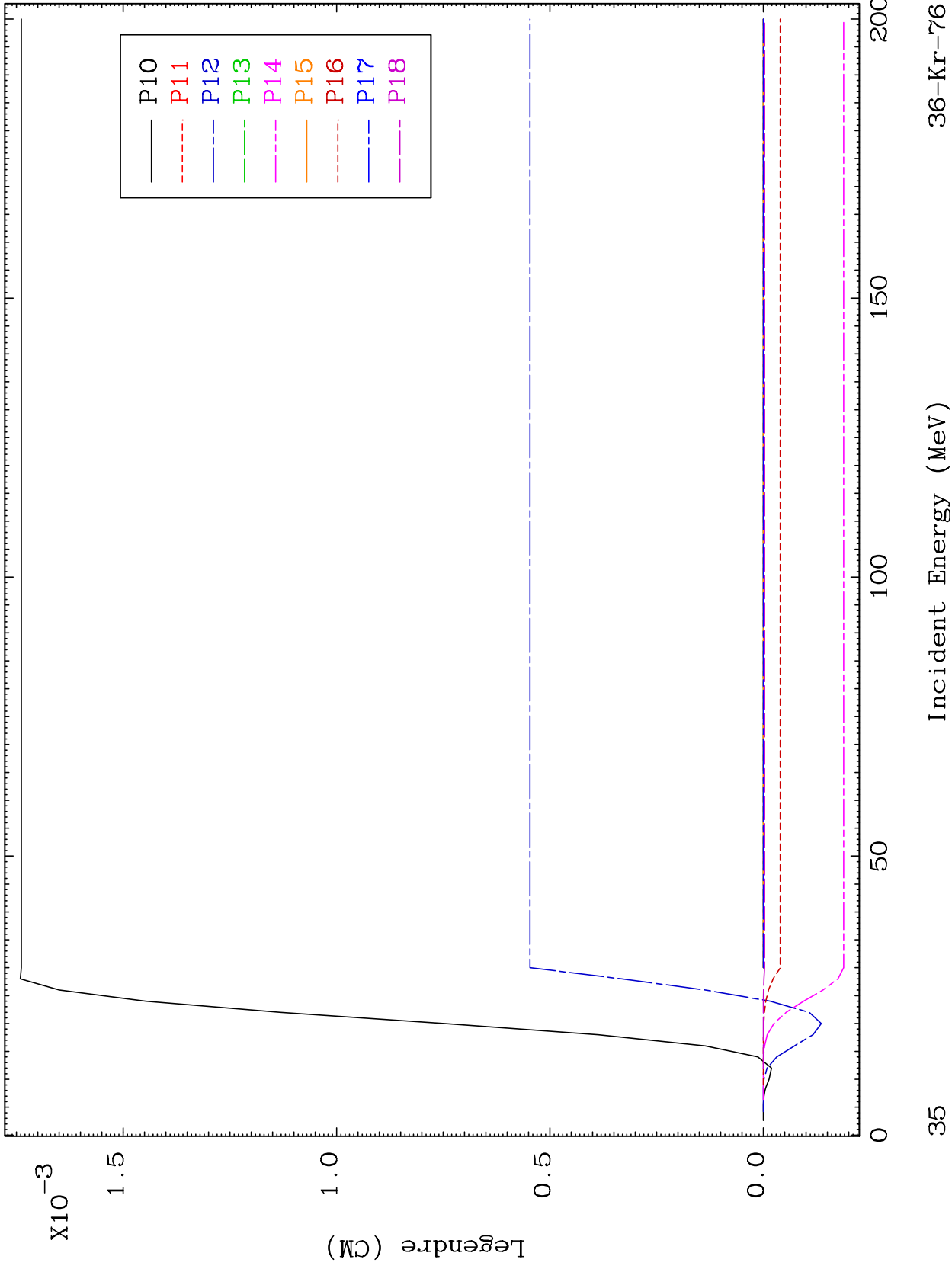
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

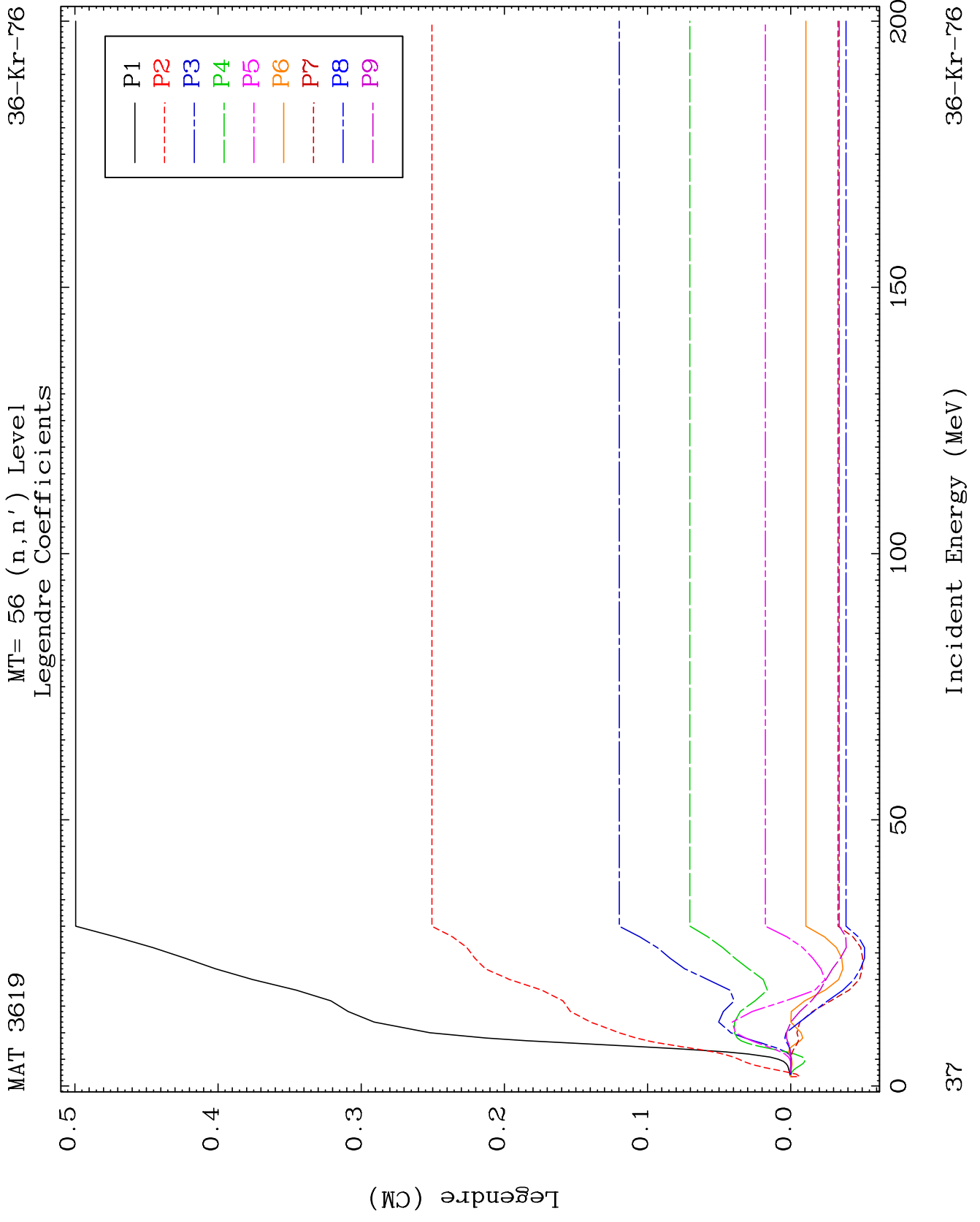
36-Kr-76



35

Incident Energy (MeV)

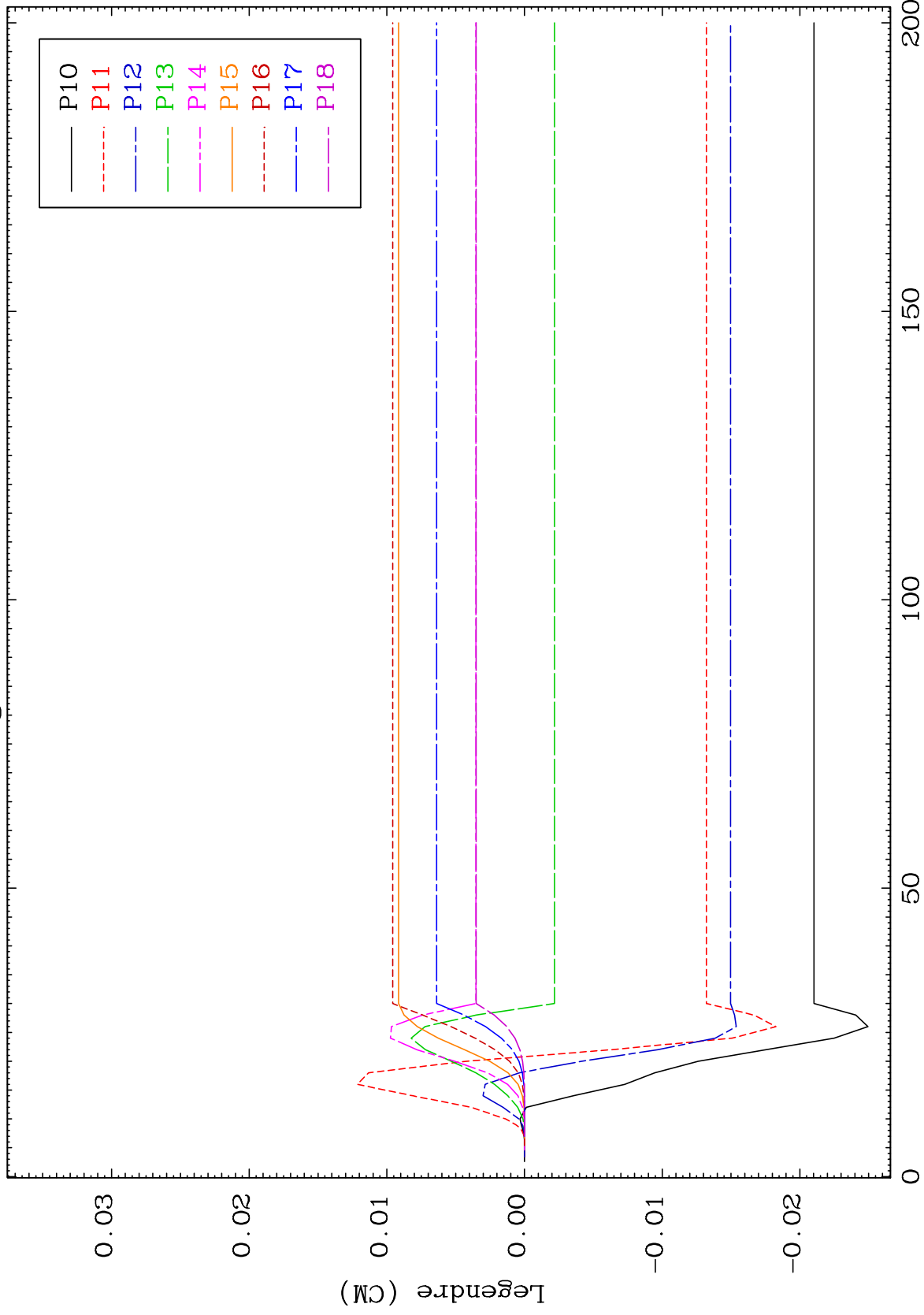
36-Kr-76



MAT 3619

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

36-Kr-76



38

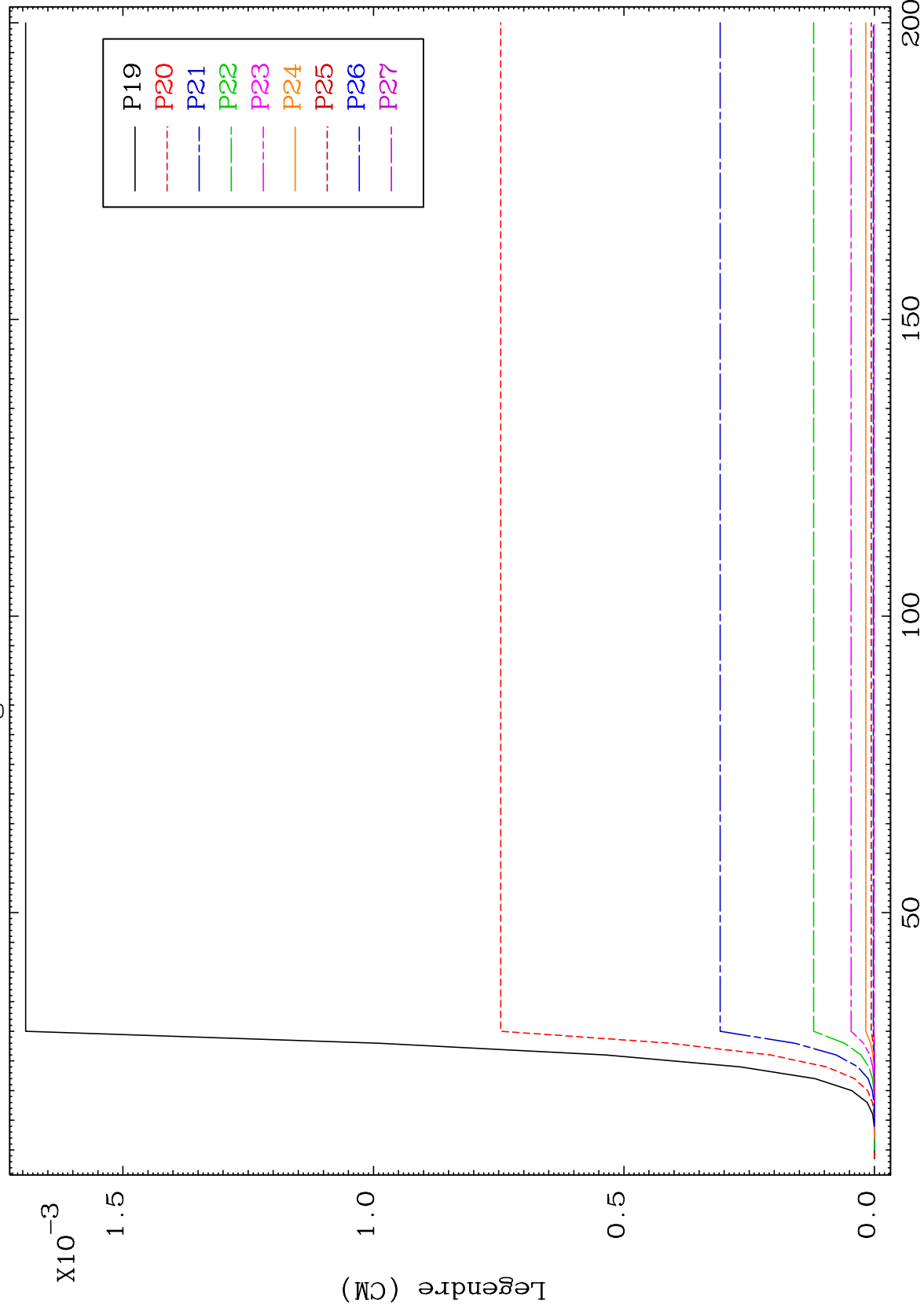
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



39

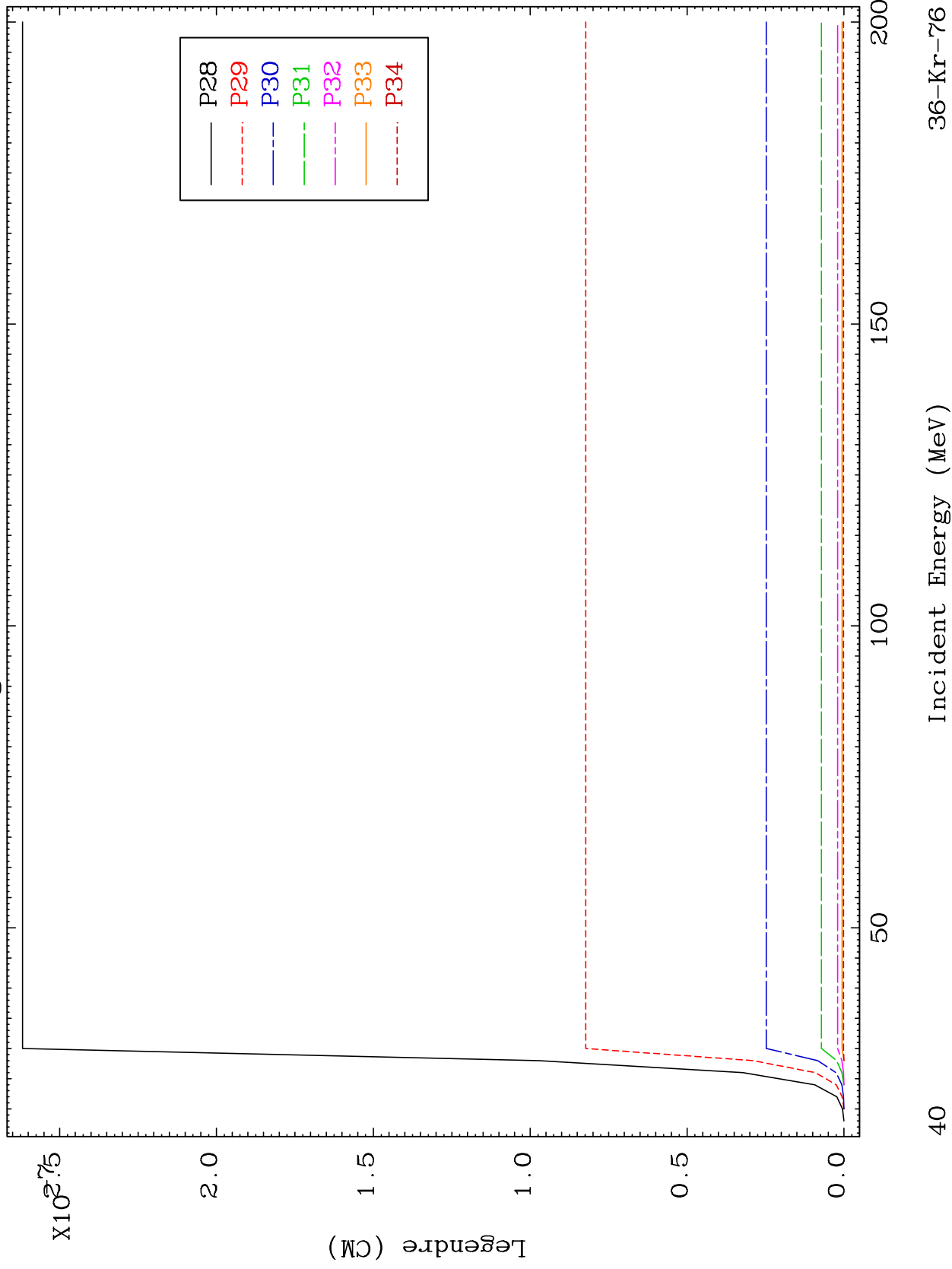
Incident Energy (MeV)

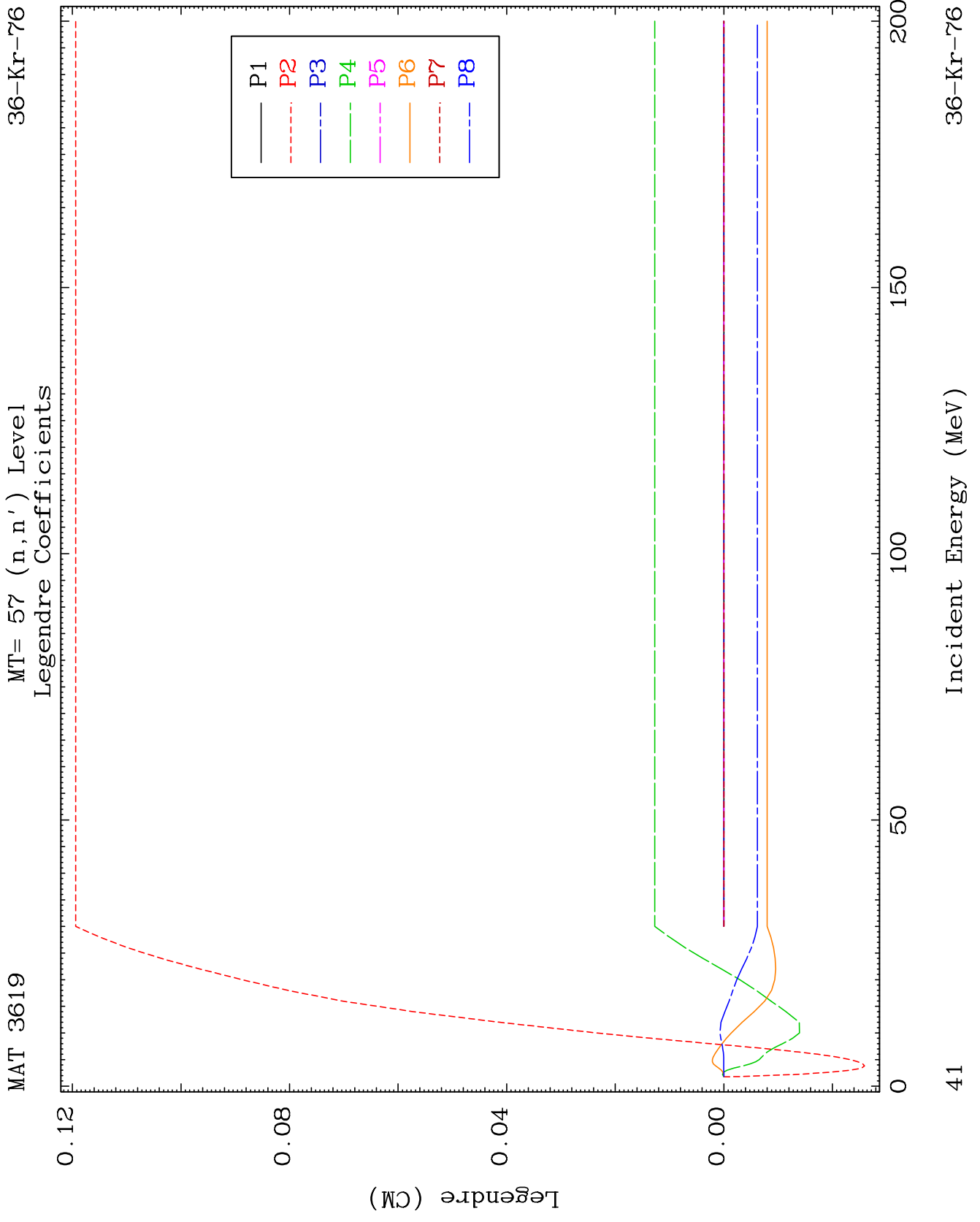
36-Kr-76

MAT 3619

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

36-Kr-76

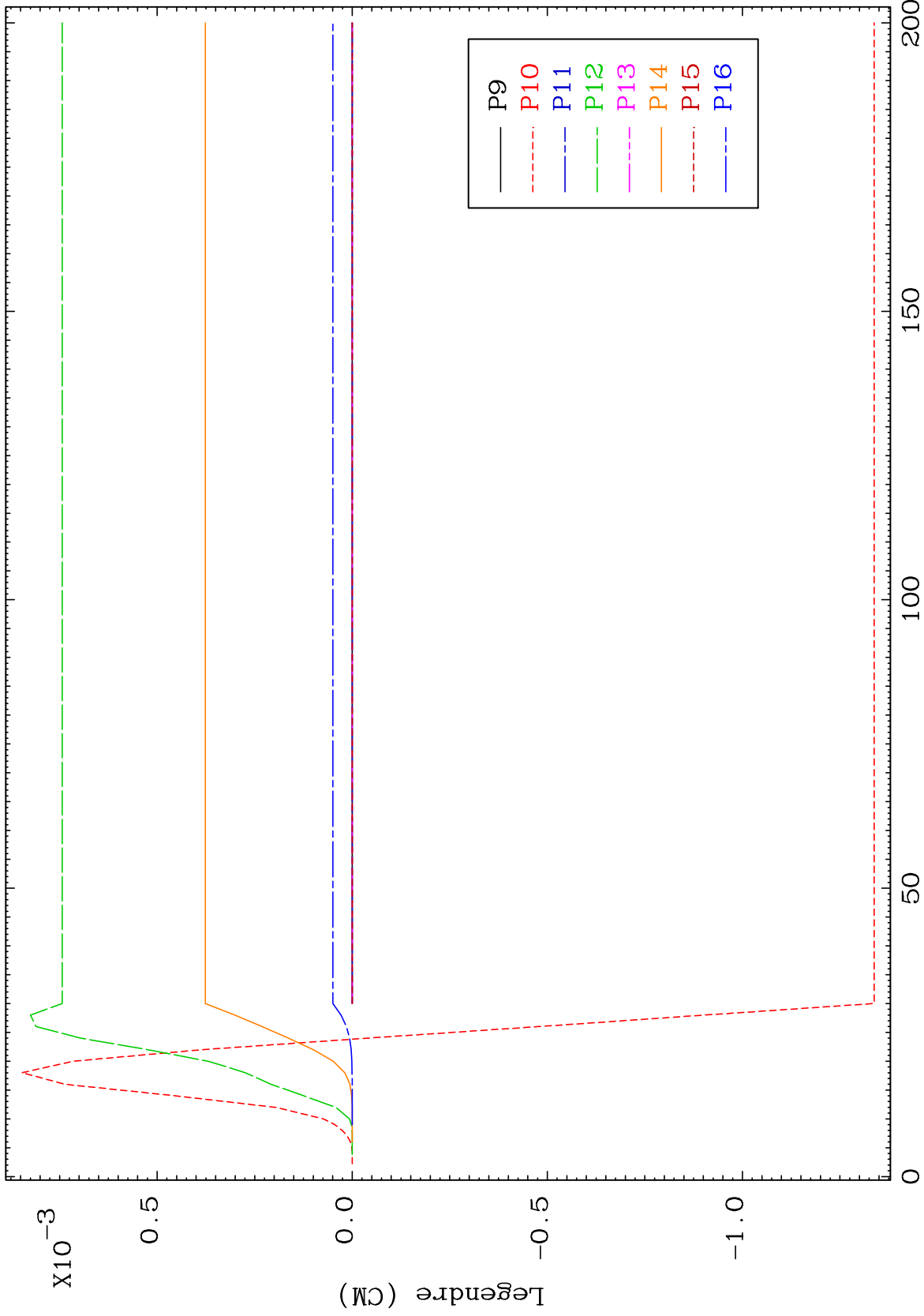




MAT 3619

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

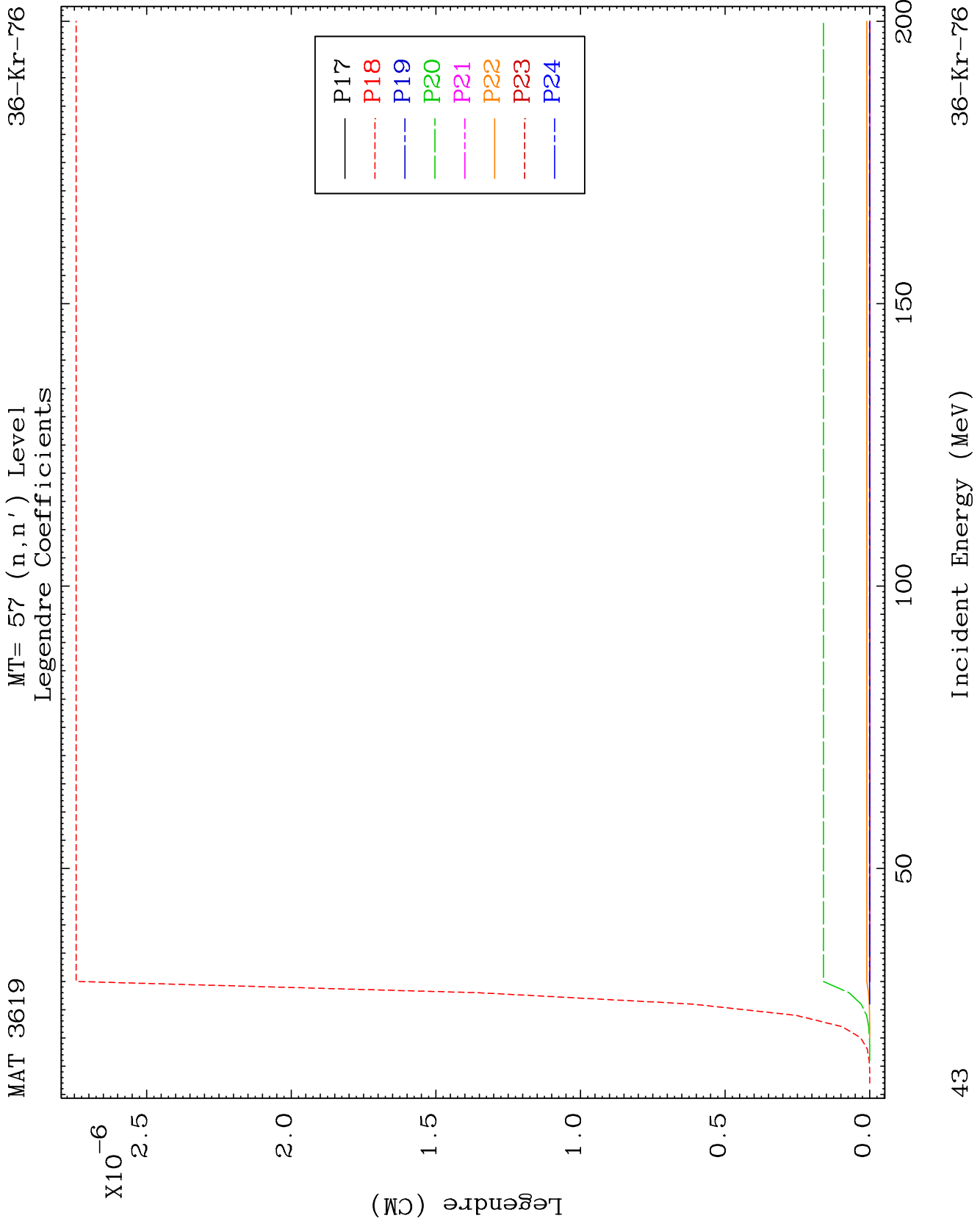
36-Kr-76



42

Incident Energy (MeV)

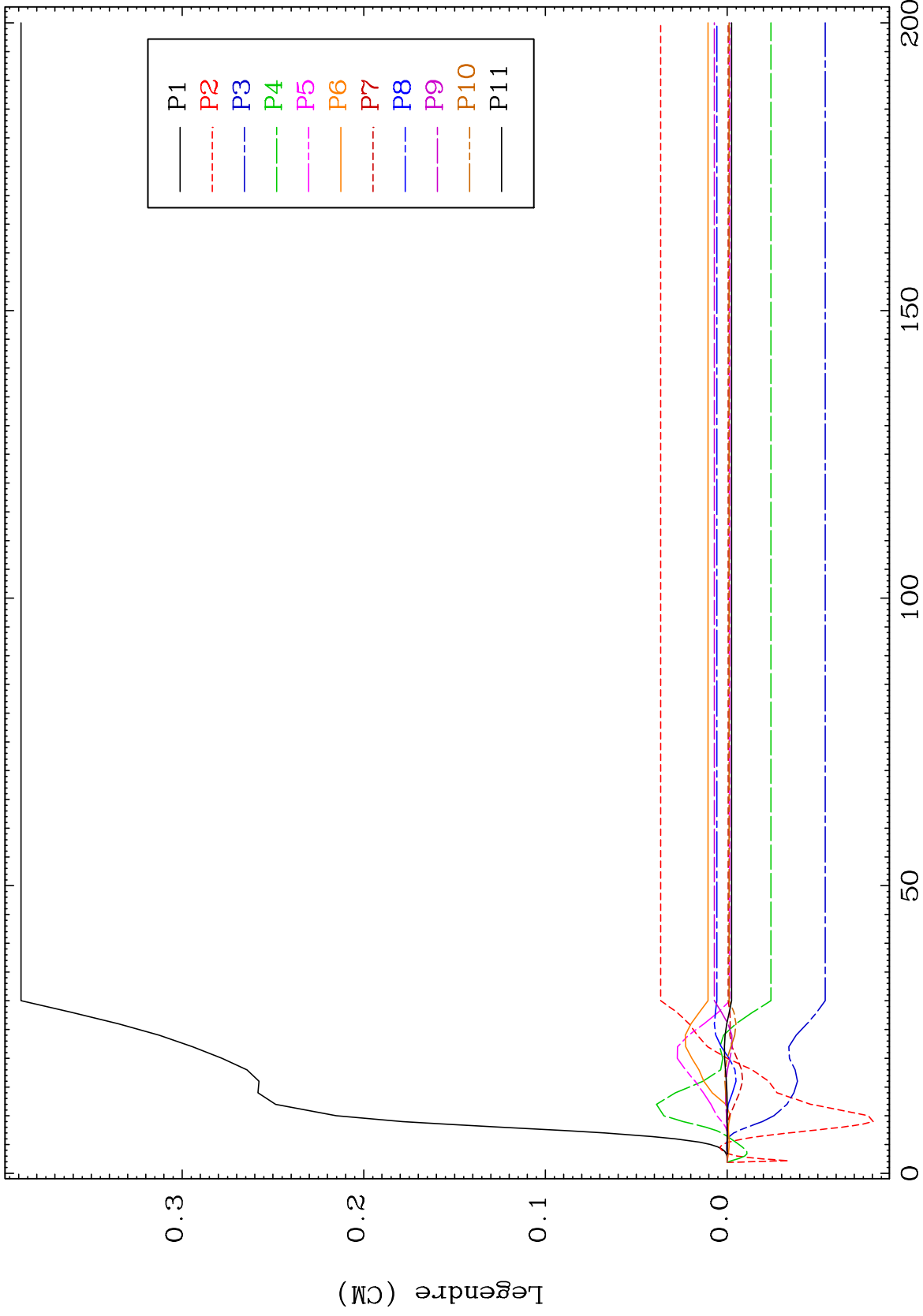
36-Kr-76



MAT 3619

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

36-Kr-76



44

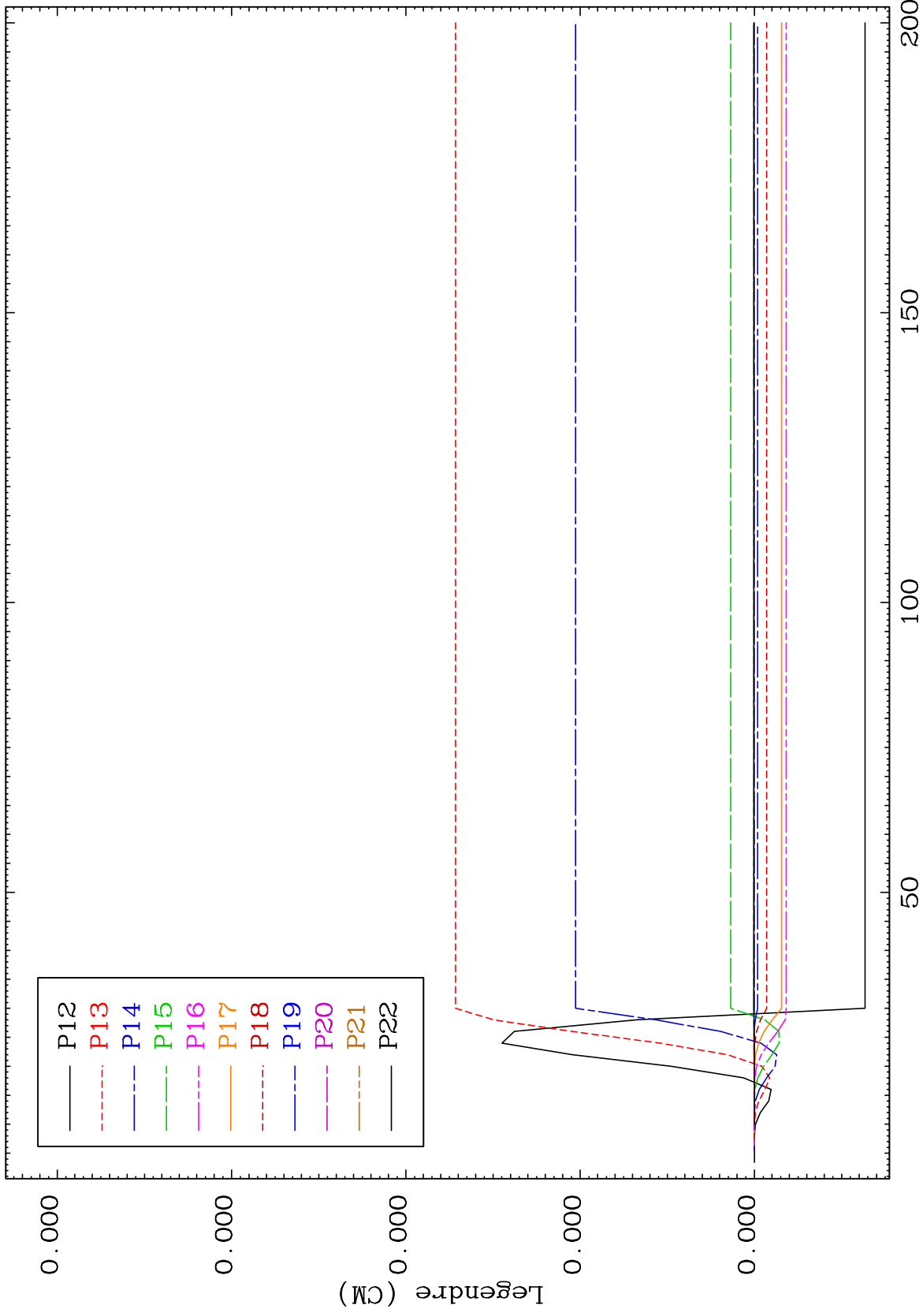
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



45

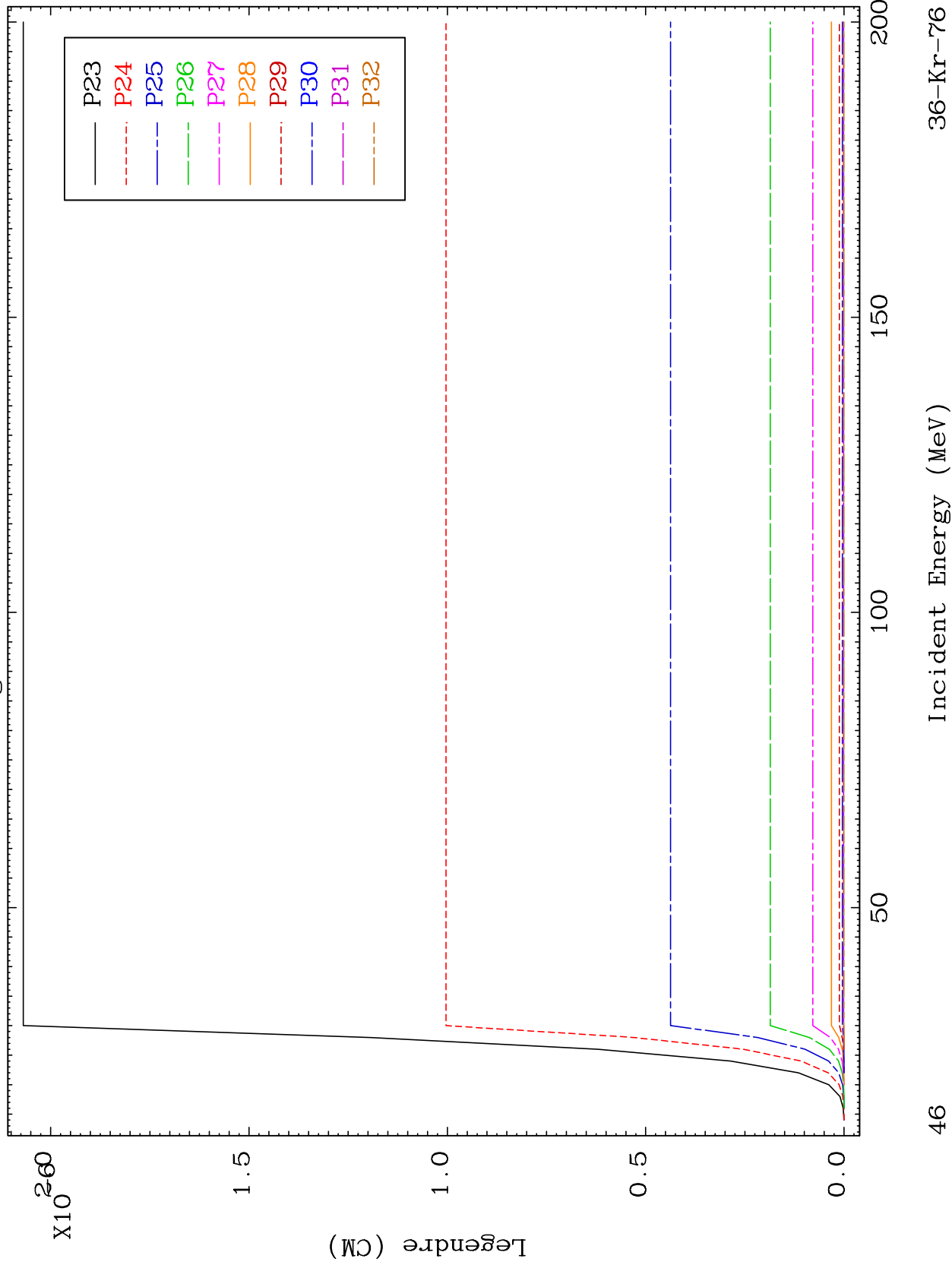
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



46

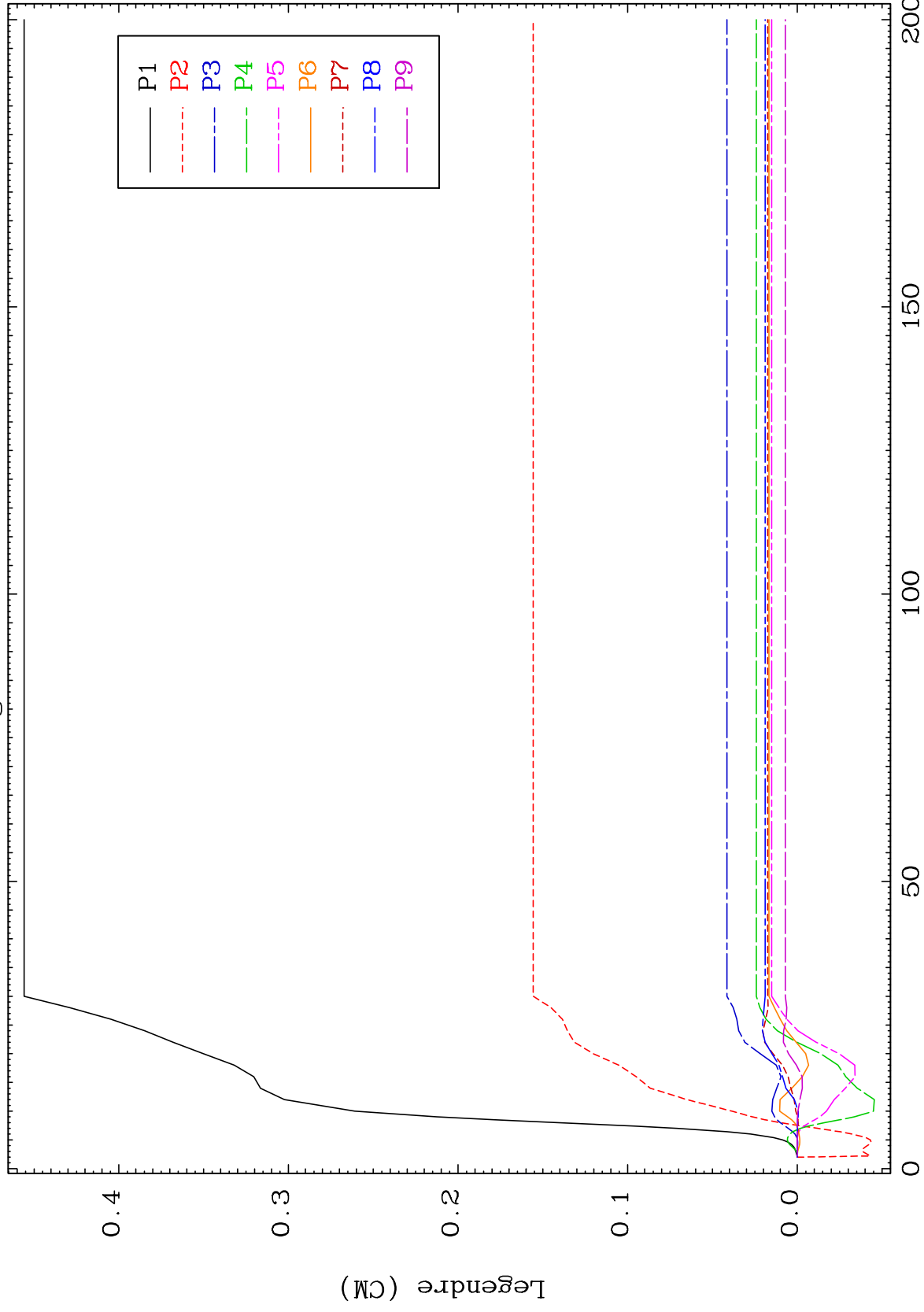
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



47

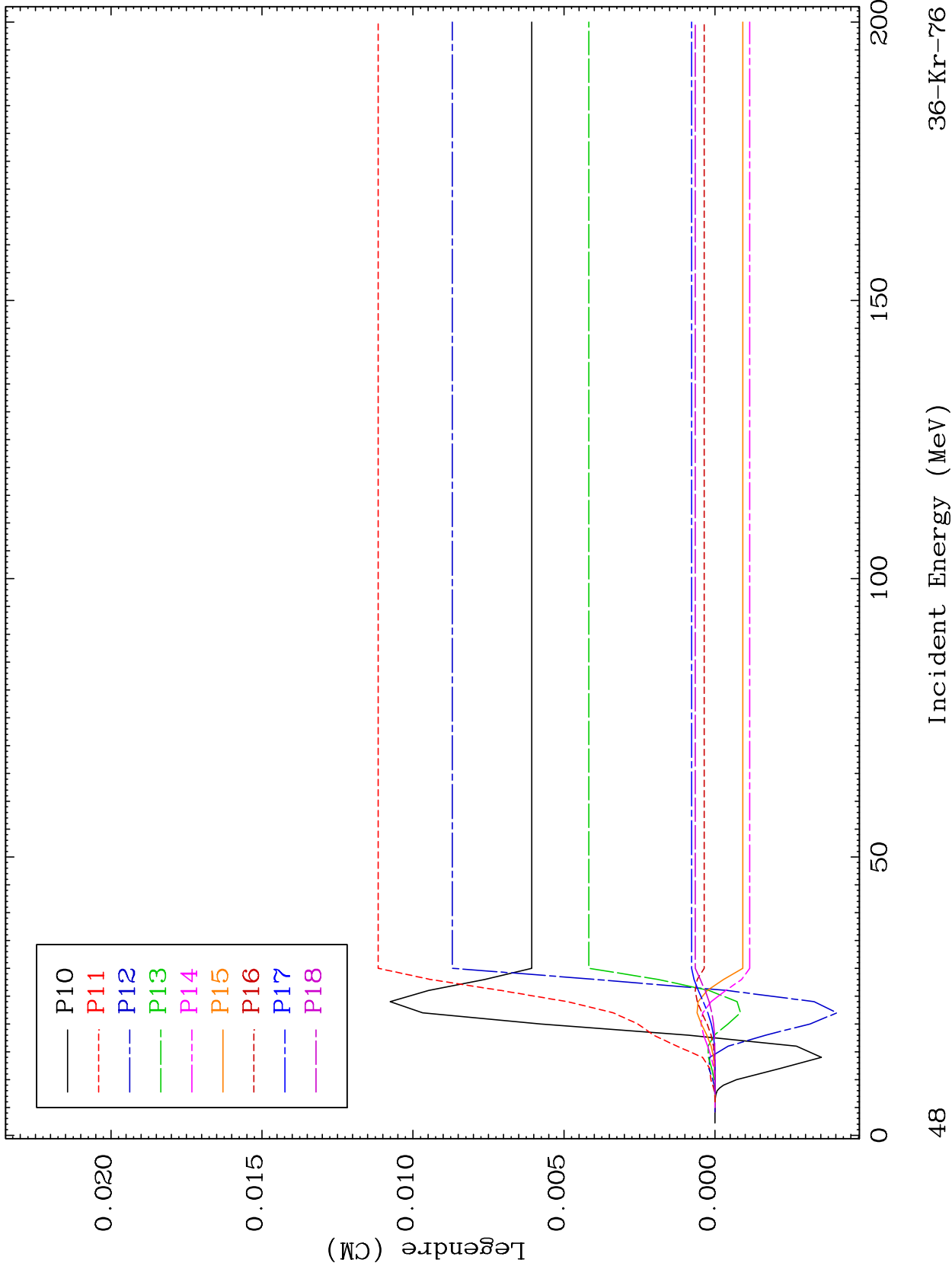
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



48

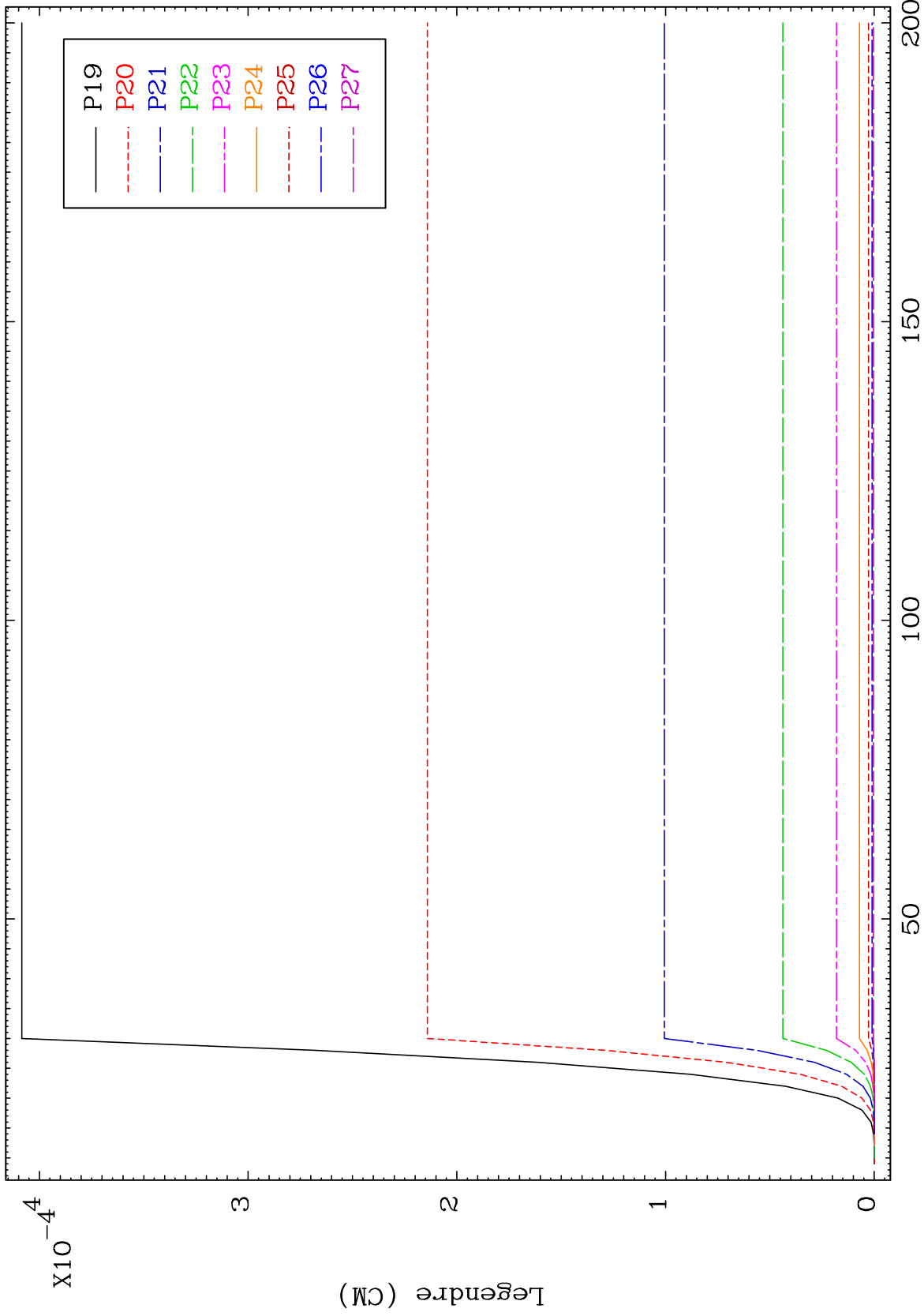
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



49

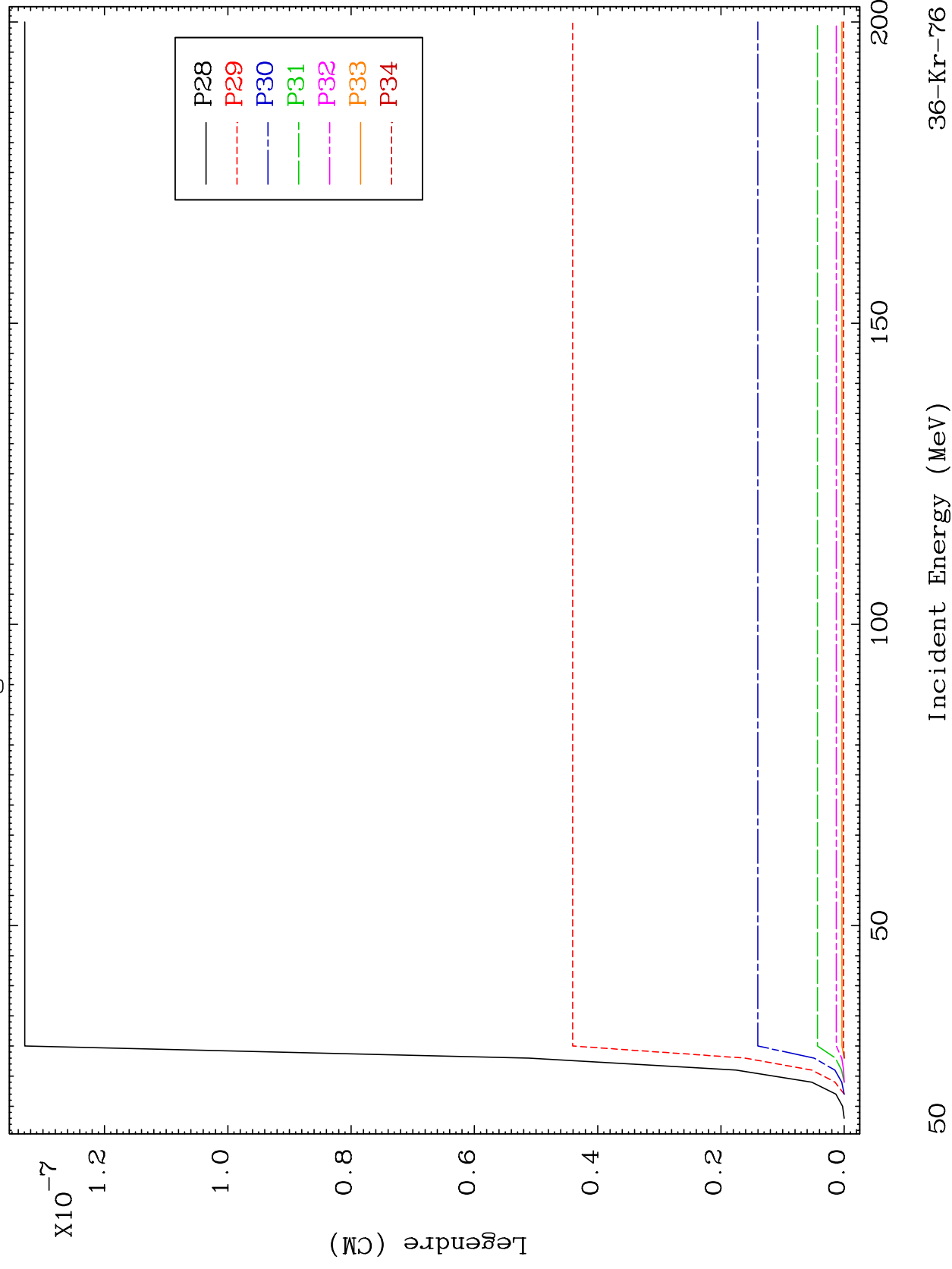
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



36-Kr-76

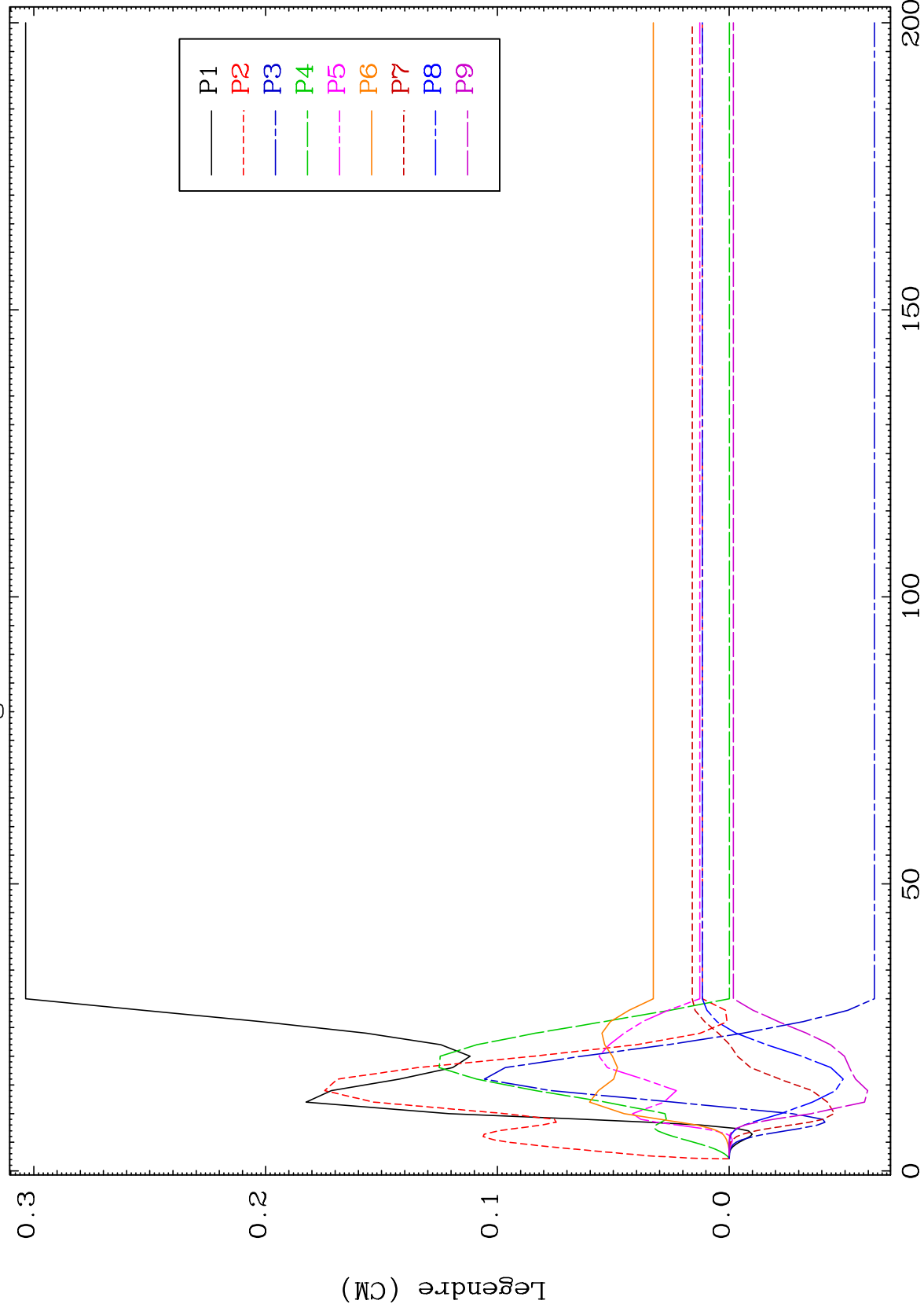
Incident Energy (MeV)

50

MAT 3619

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

36-Kr-76



51

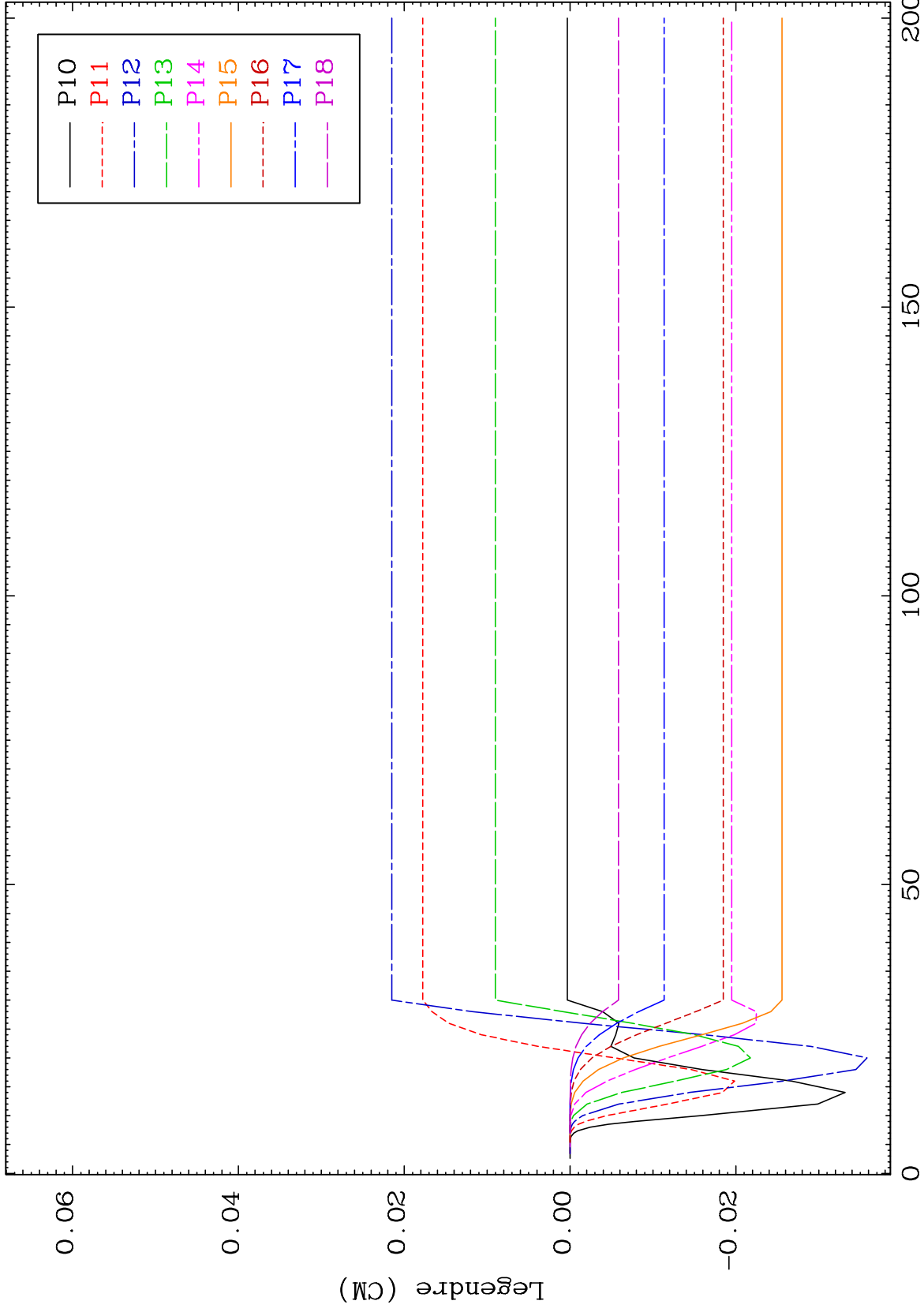
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



52

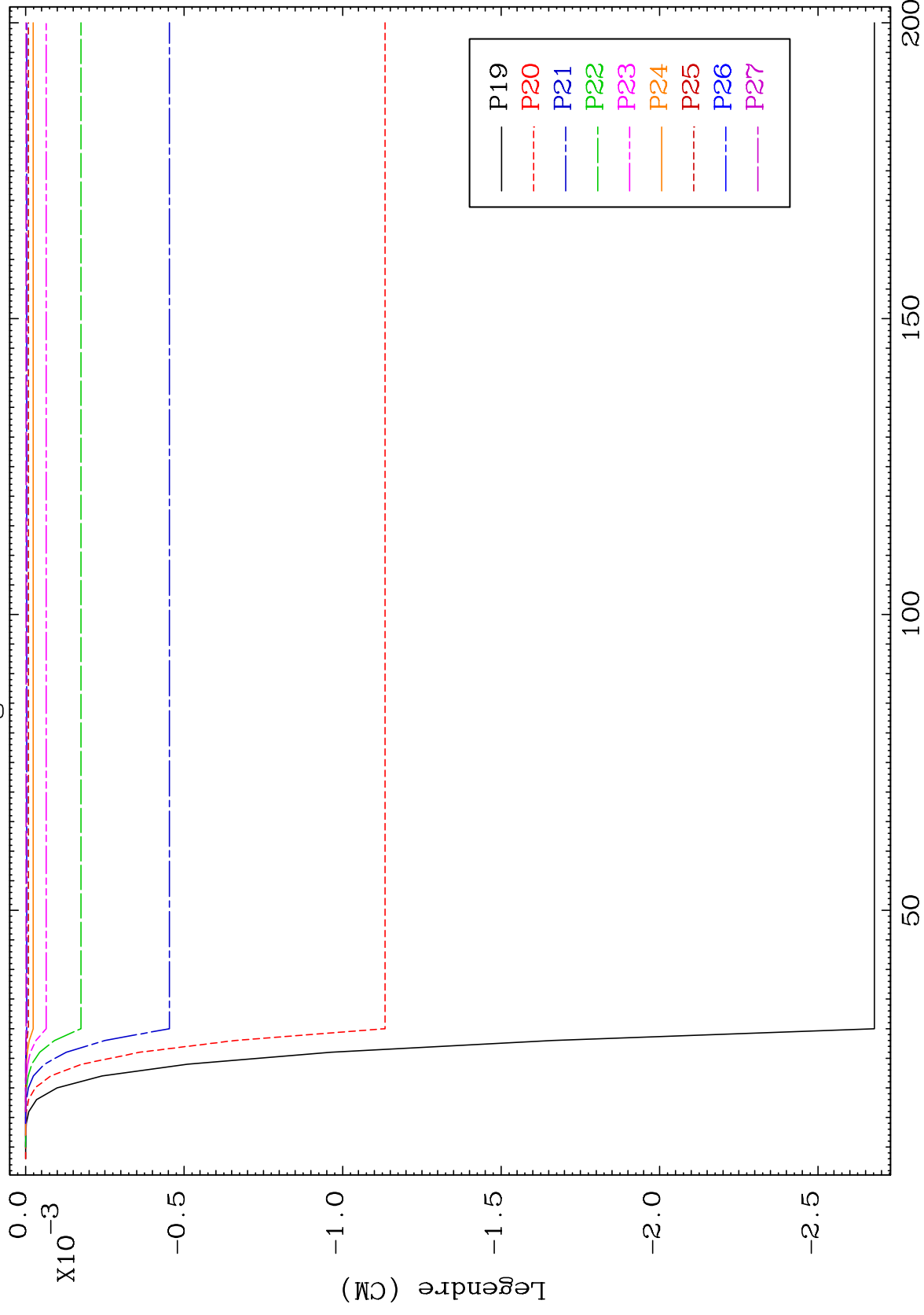
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

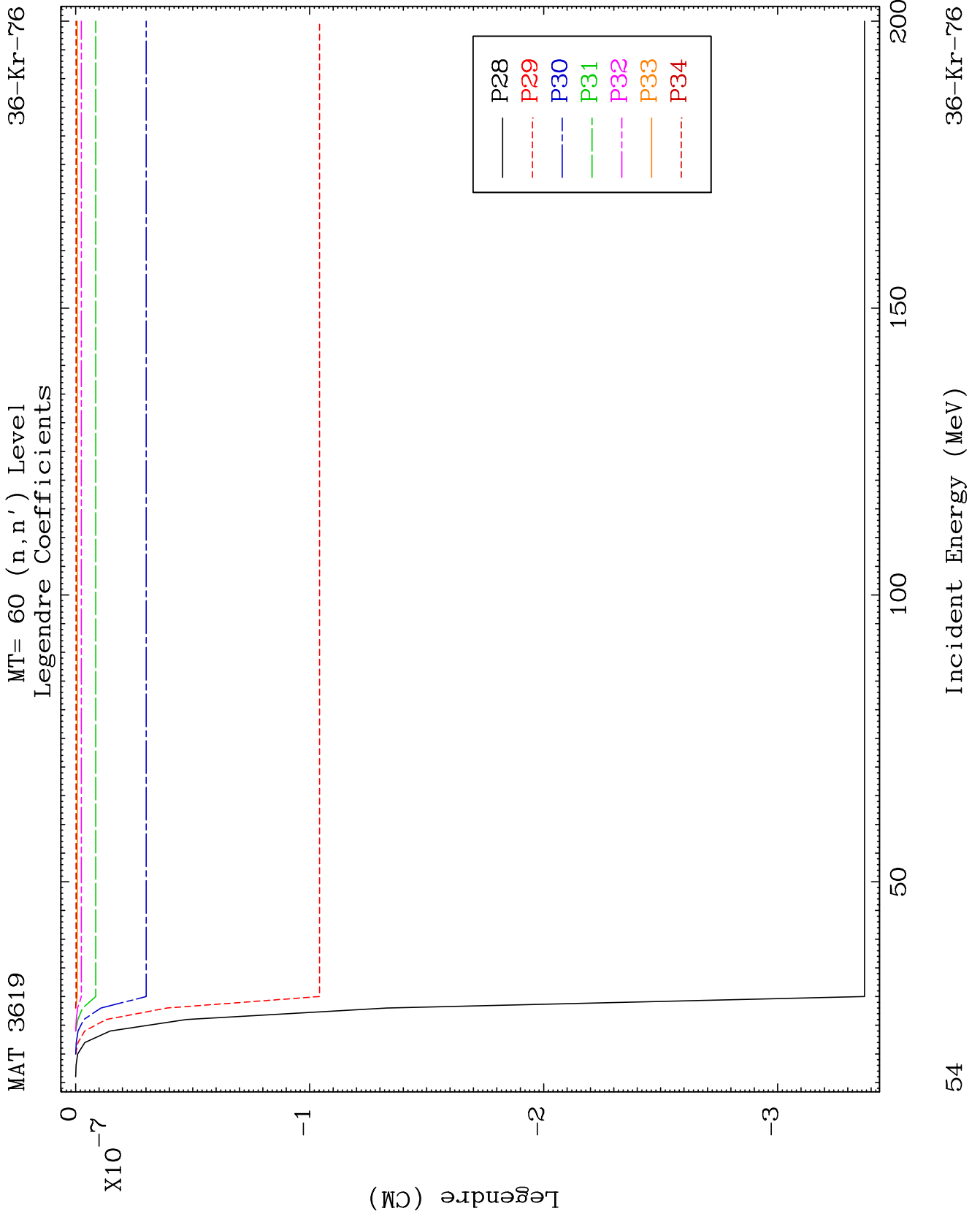
36-Kr-76



53

Incident Energy (MeV)

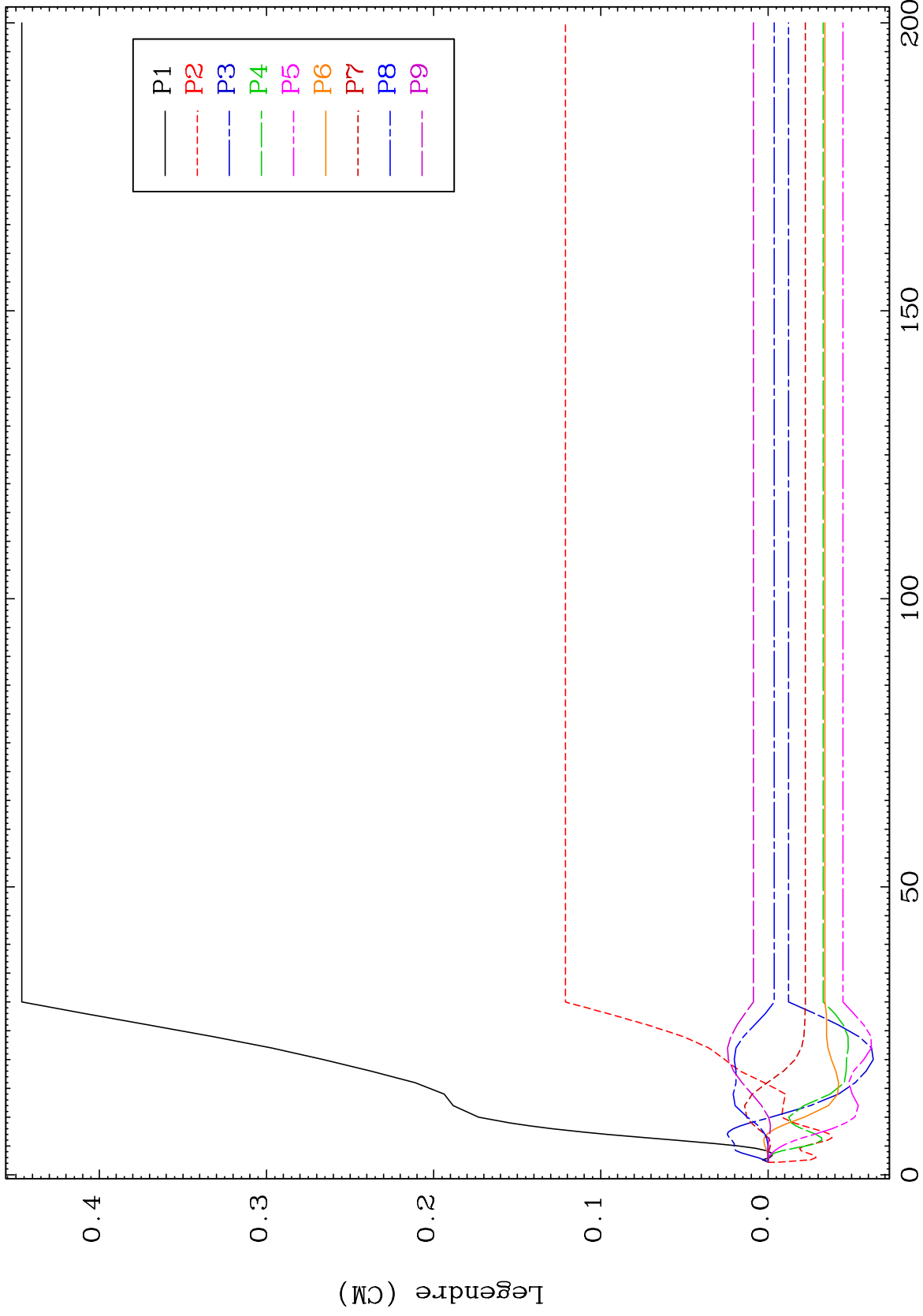
36-Kr-76



MAT 3619

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

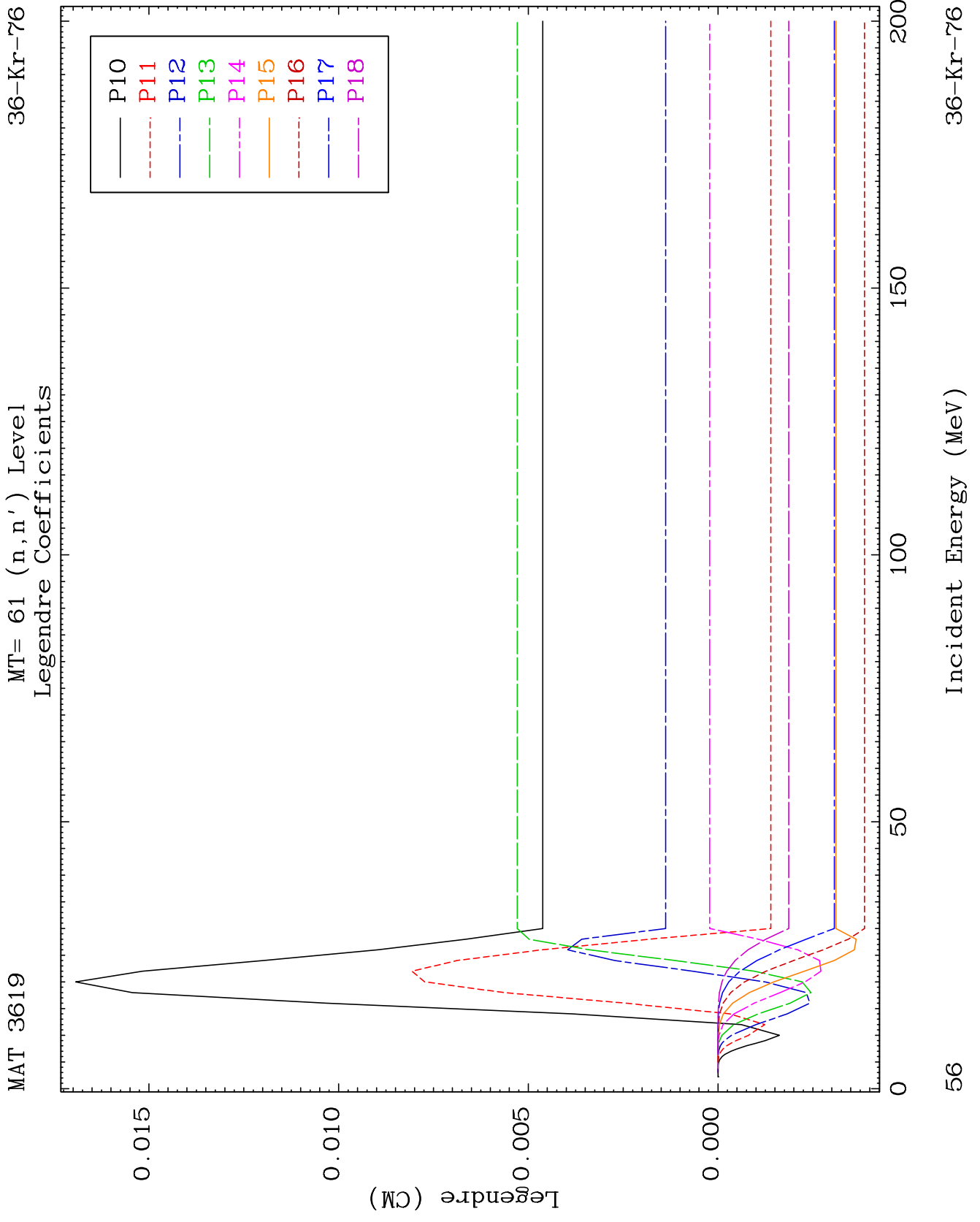
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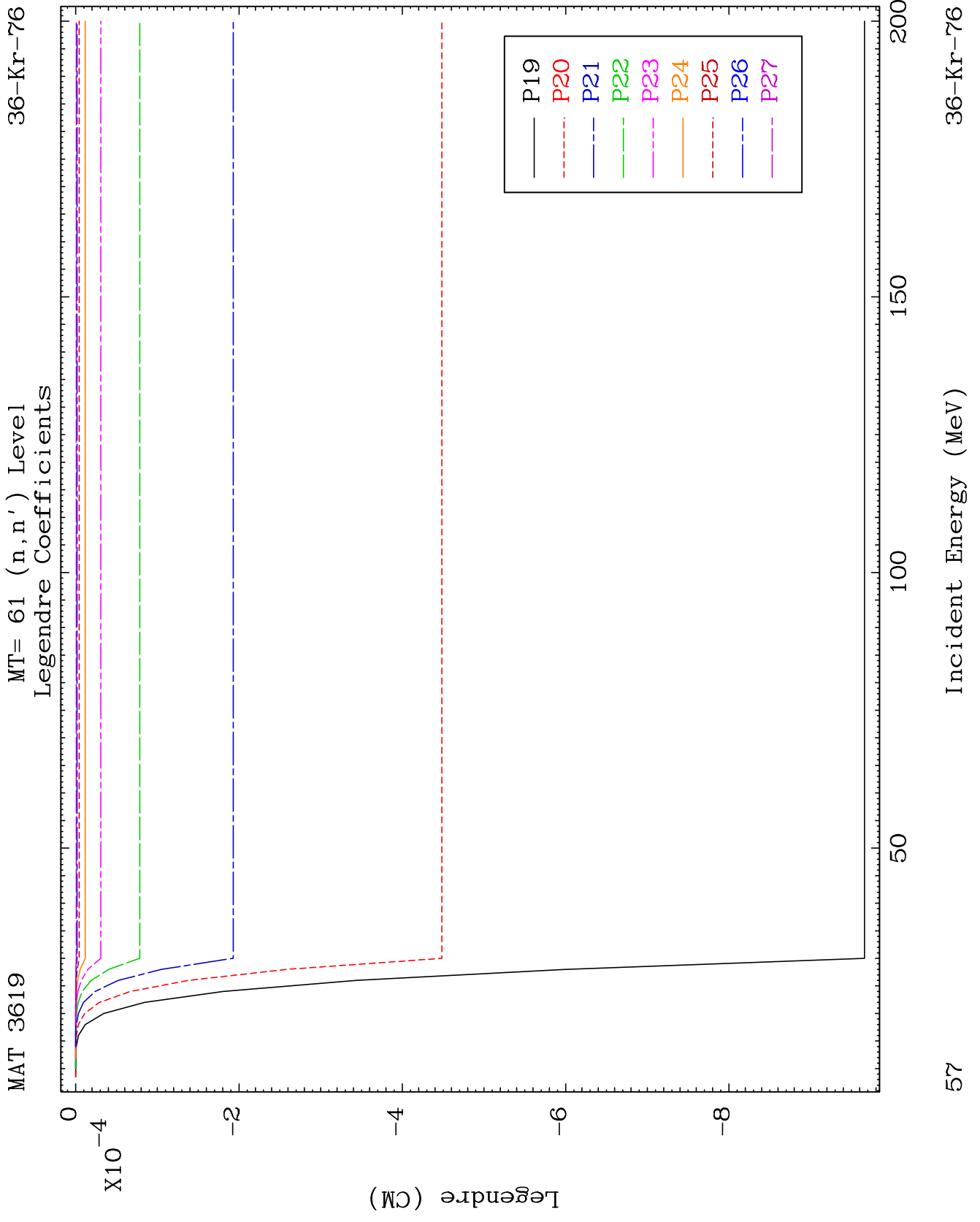


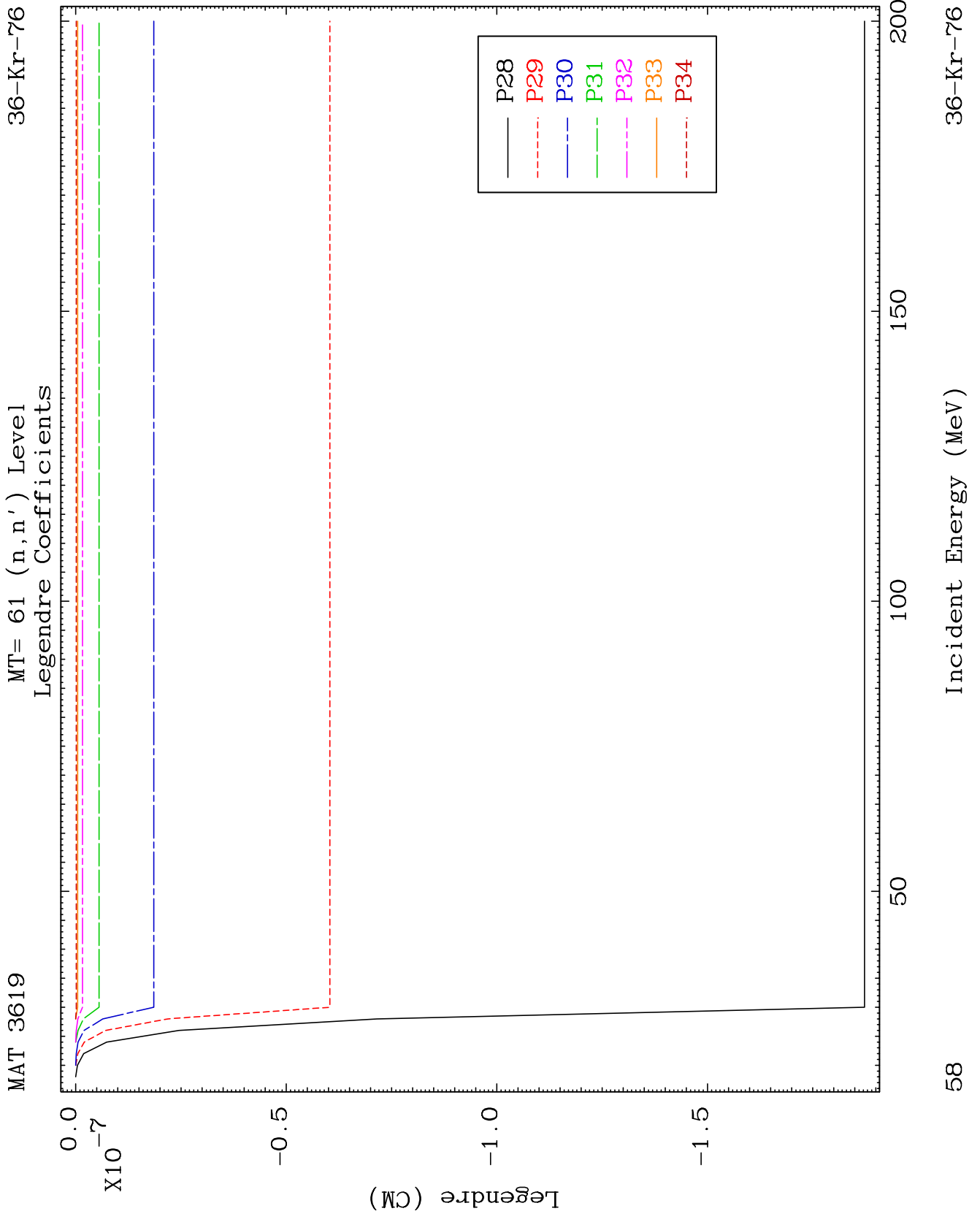
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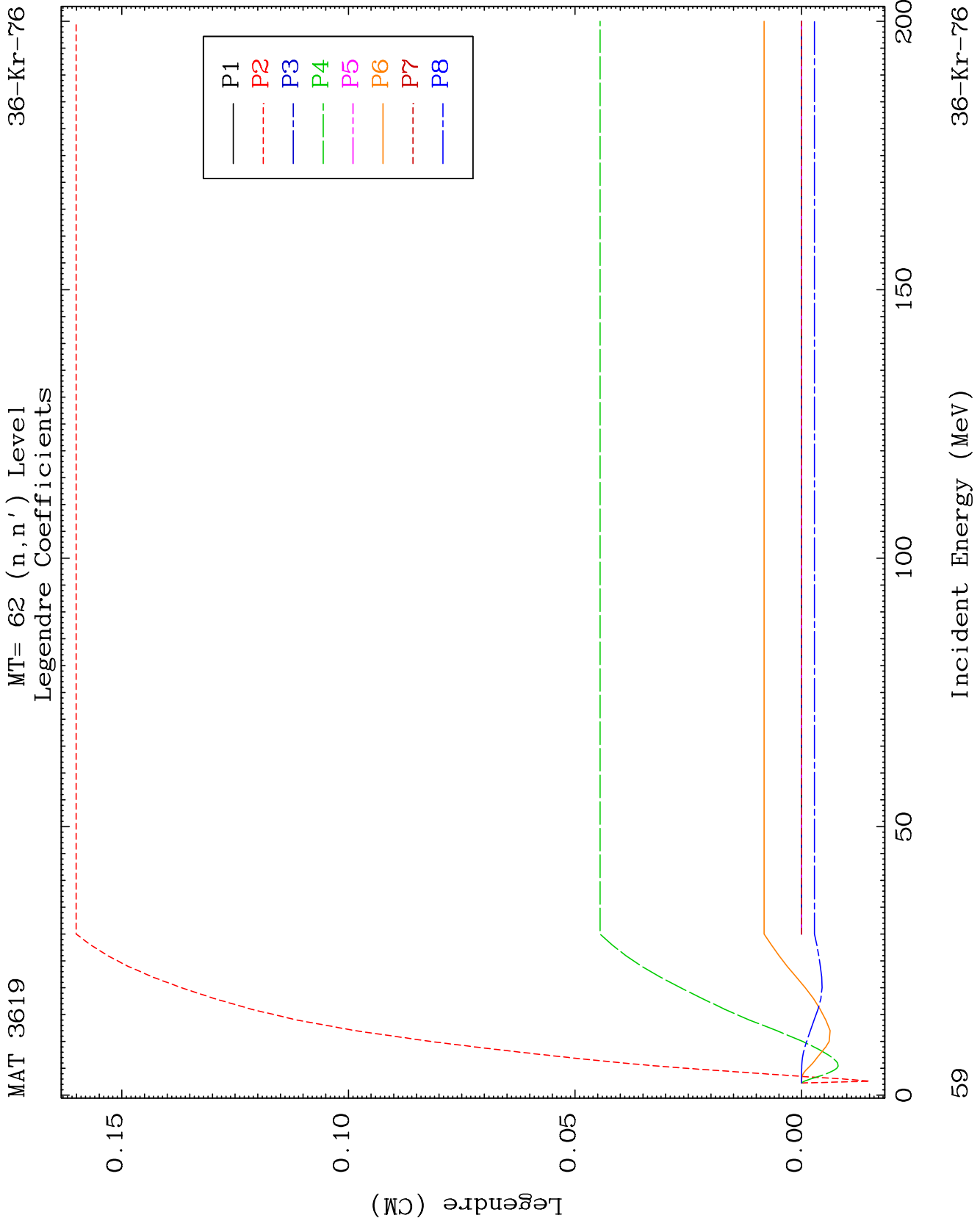
Incident Energy (MeV)

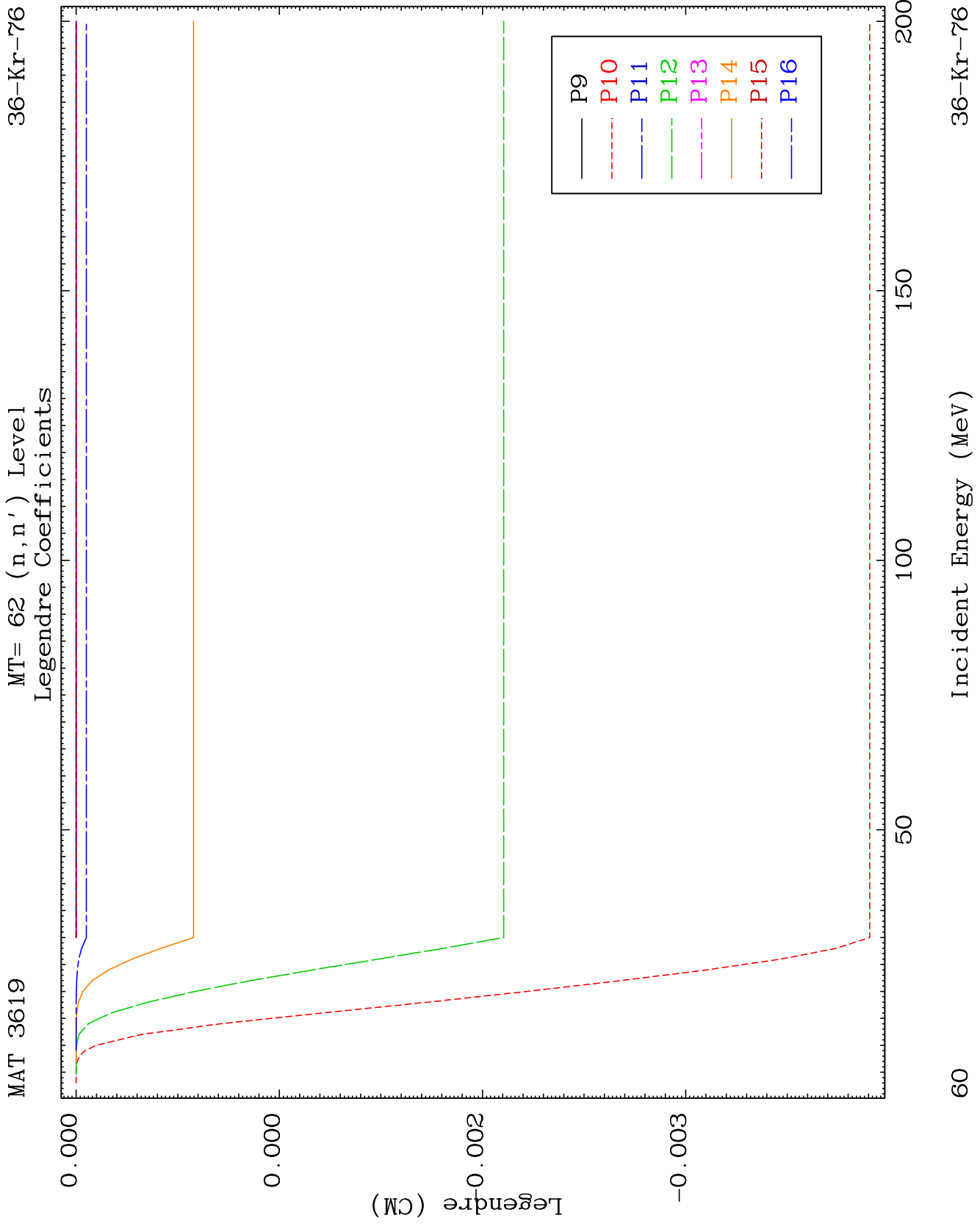
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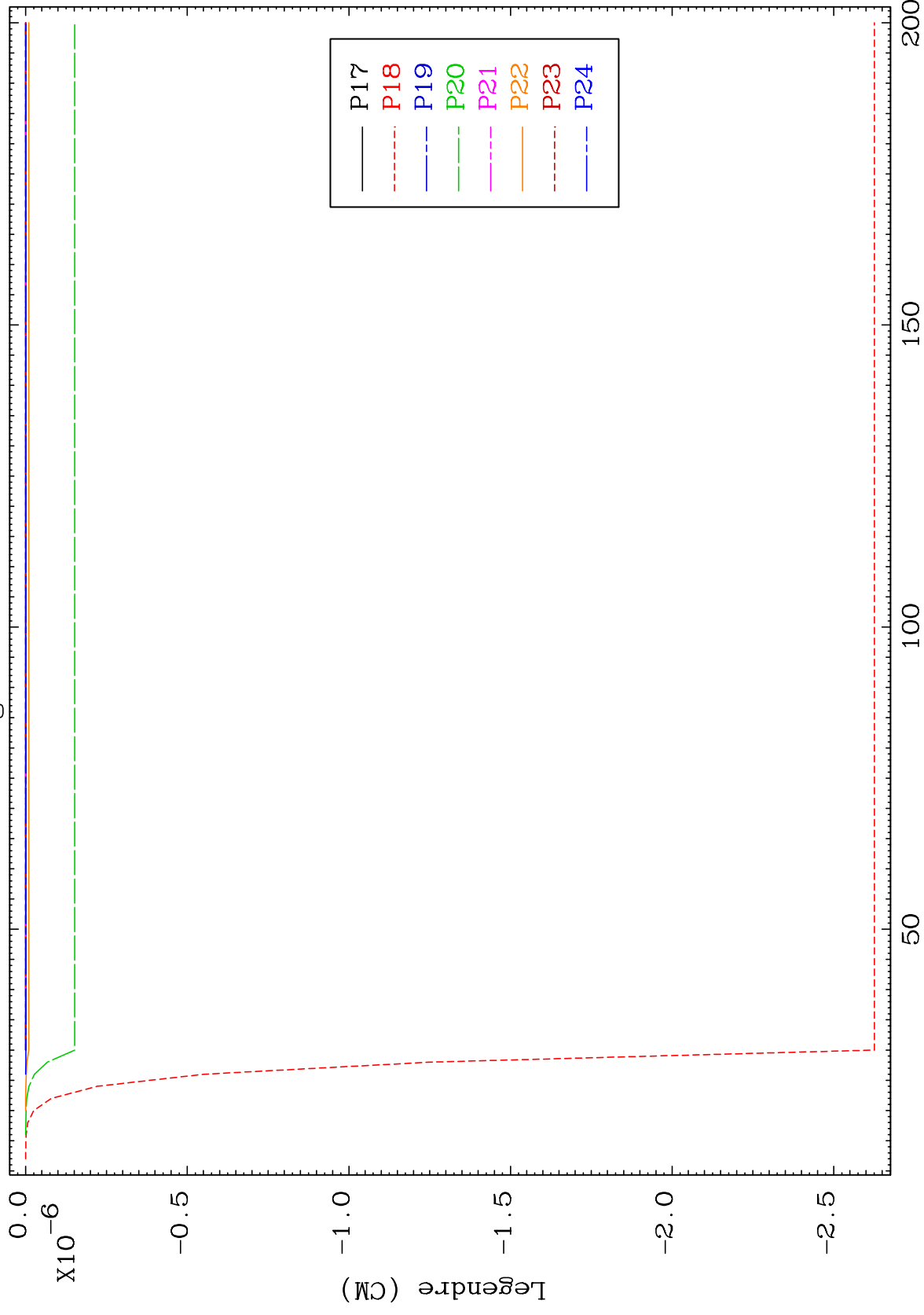




MAT 3619

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

36-Kr-76



61

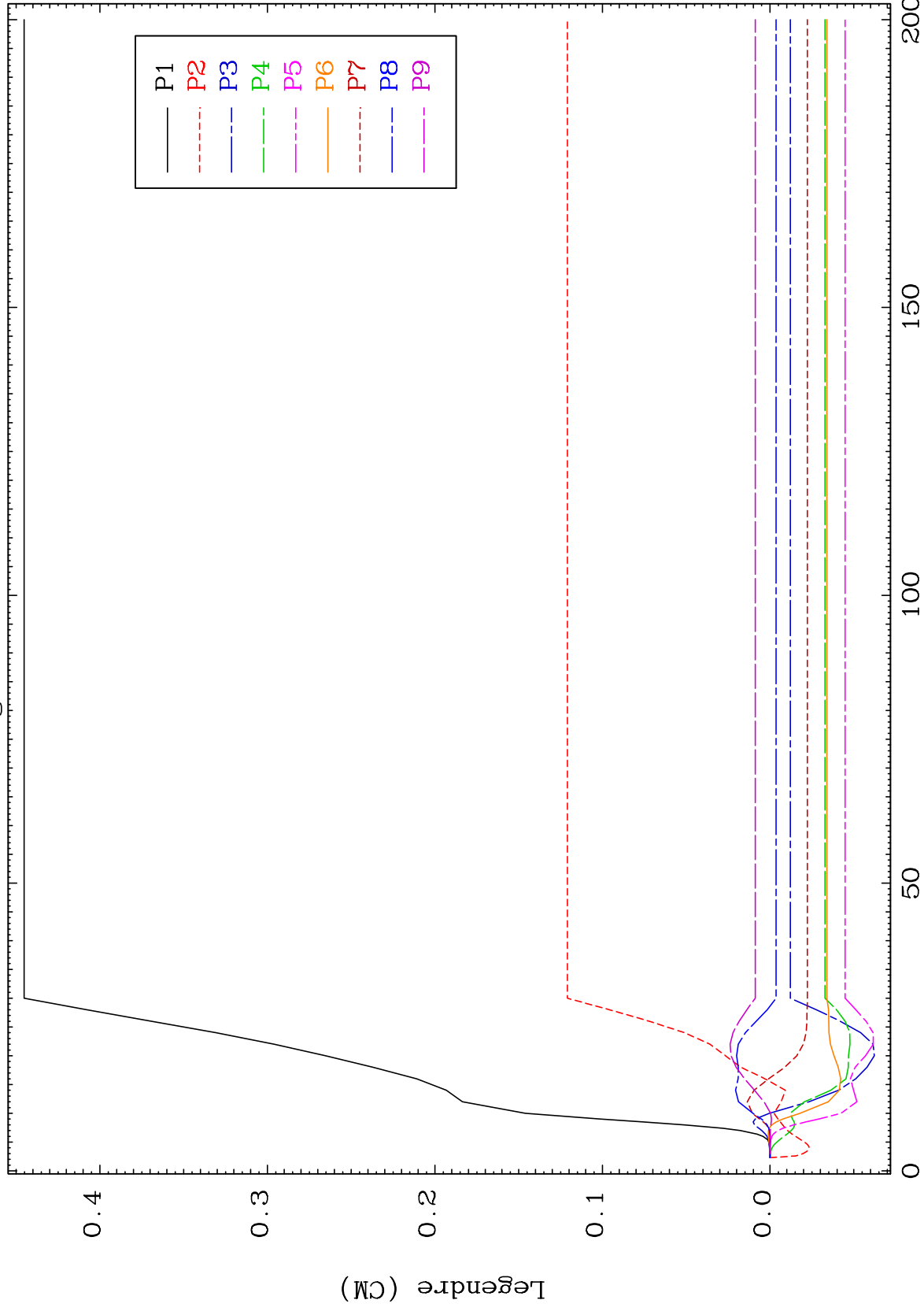
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

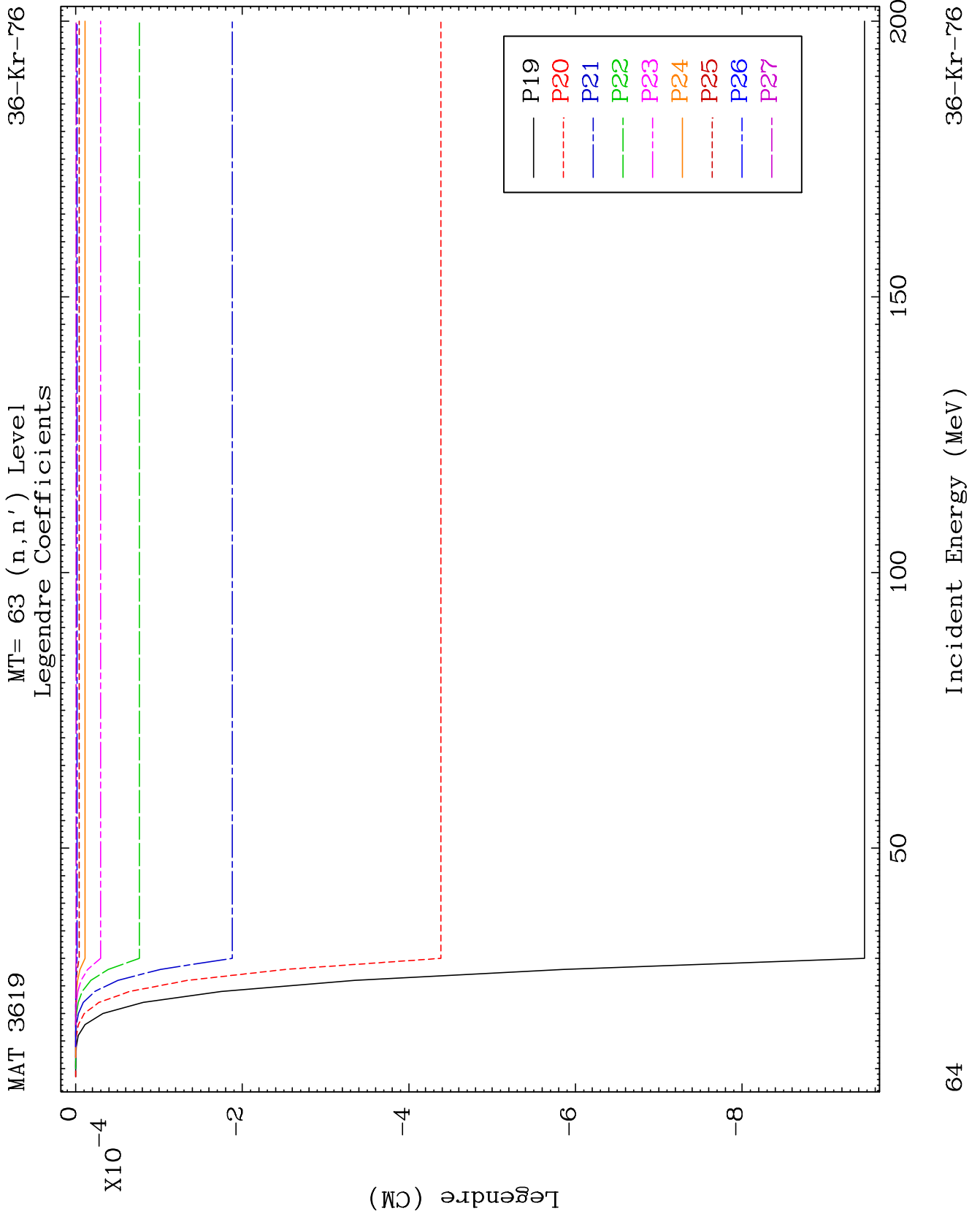
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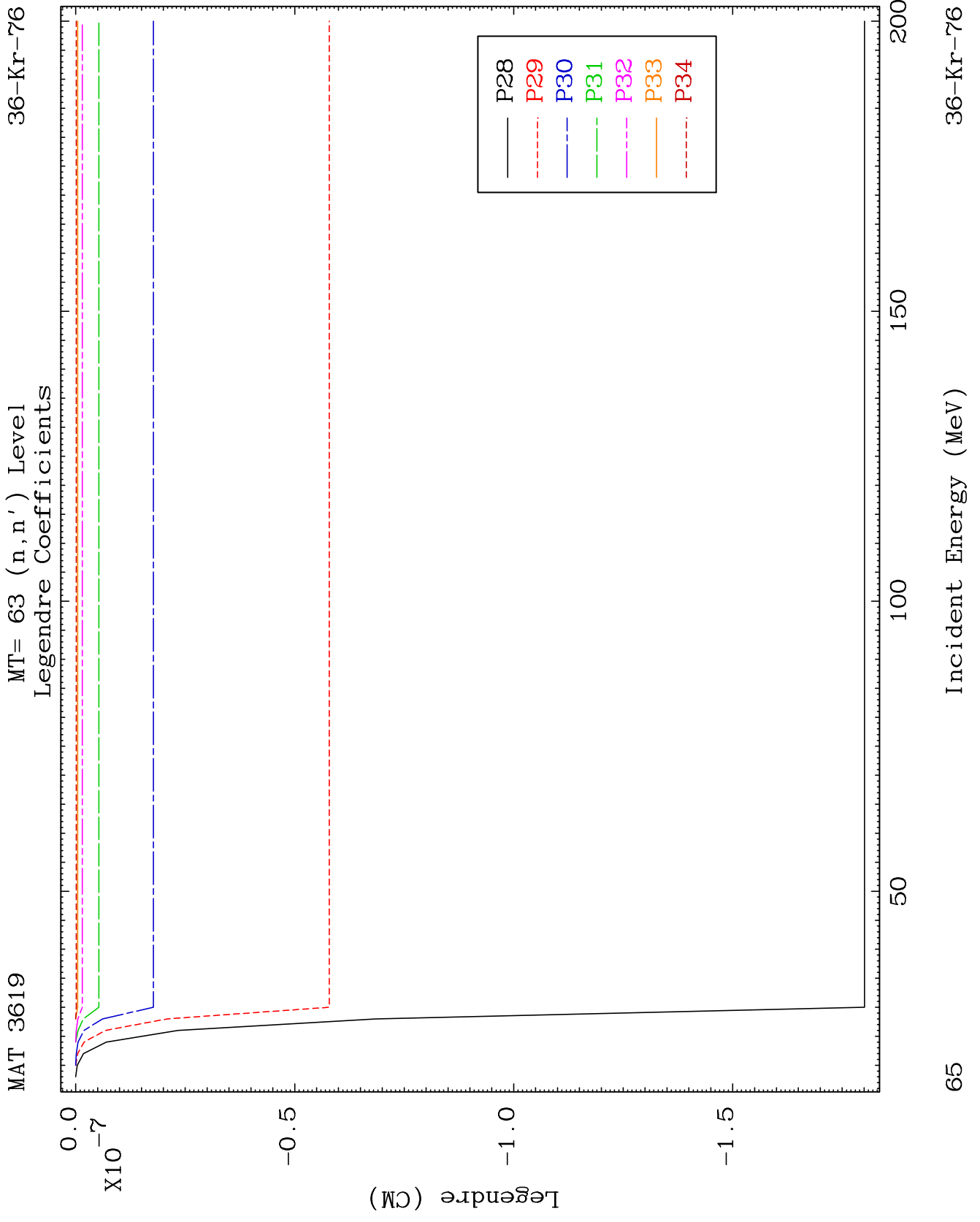


62

Incident Energy (MeV)

36-Kr-76

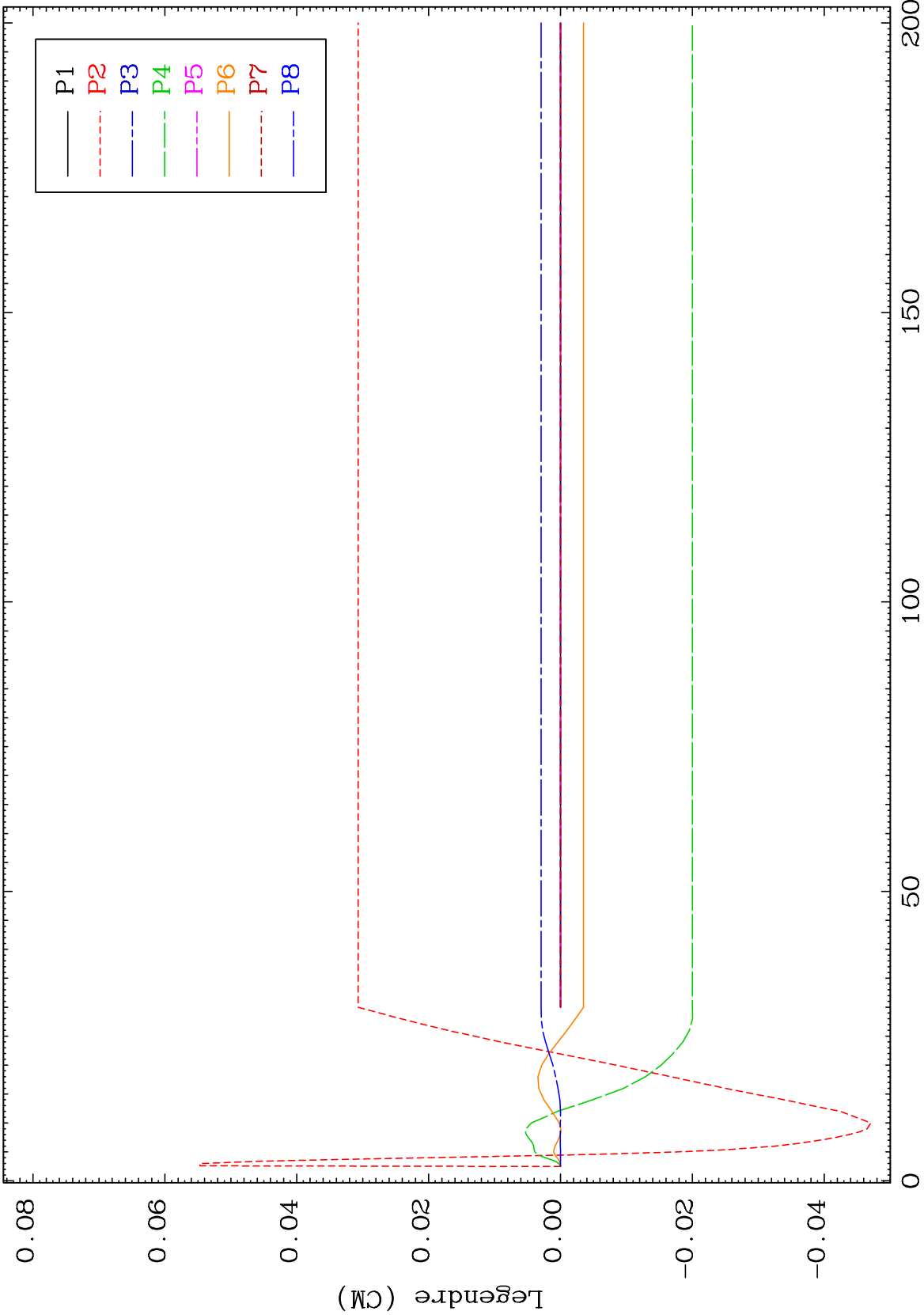




MAT 3619

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

36-Kr-76



36-Kr-76

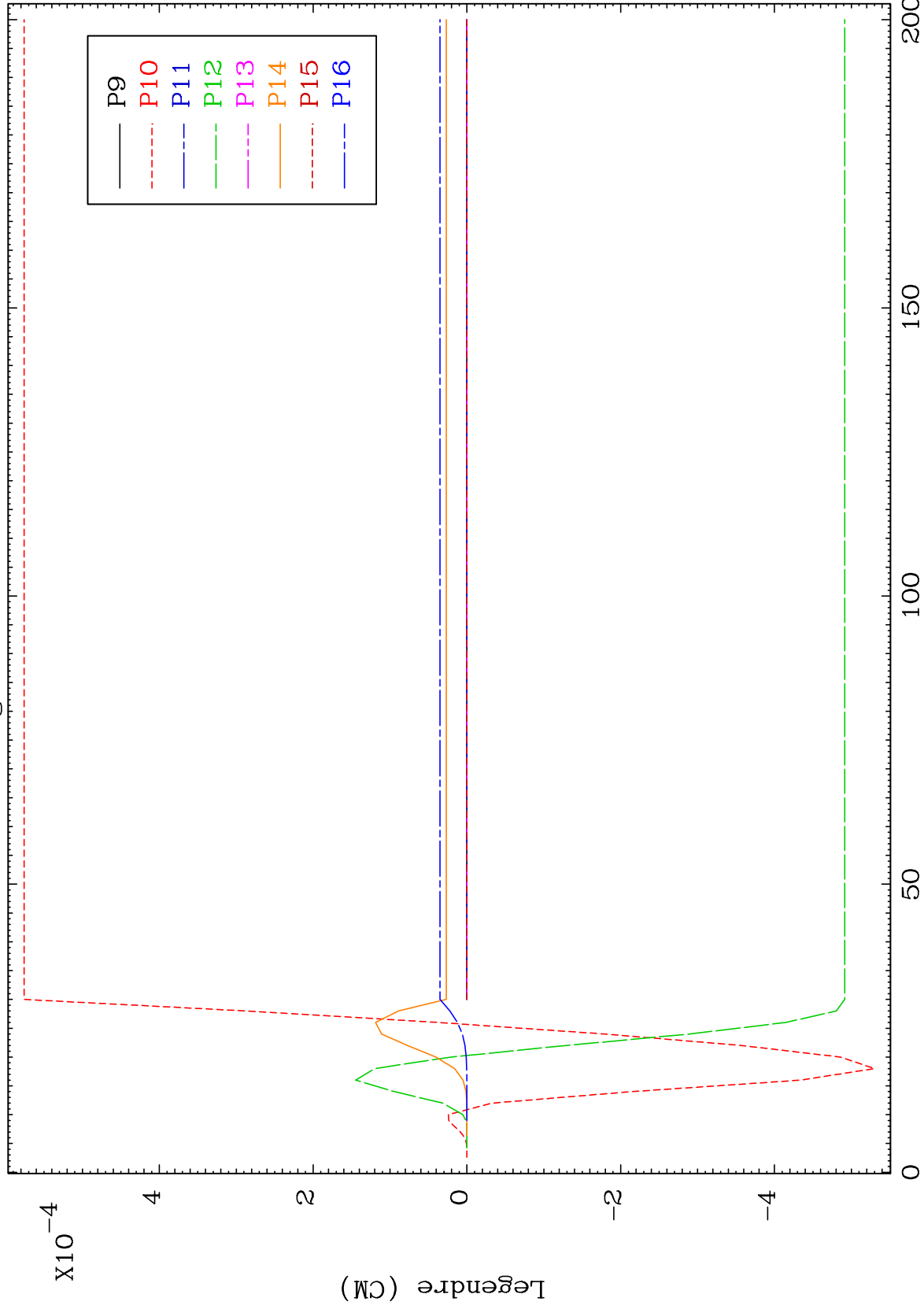
Incident Energy (MeV)

66

MAT 3619

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

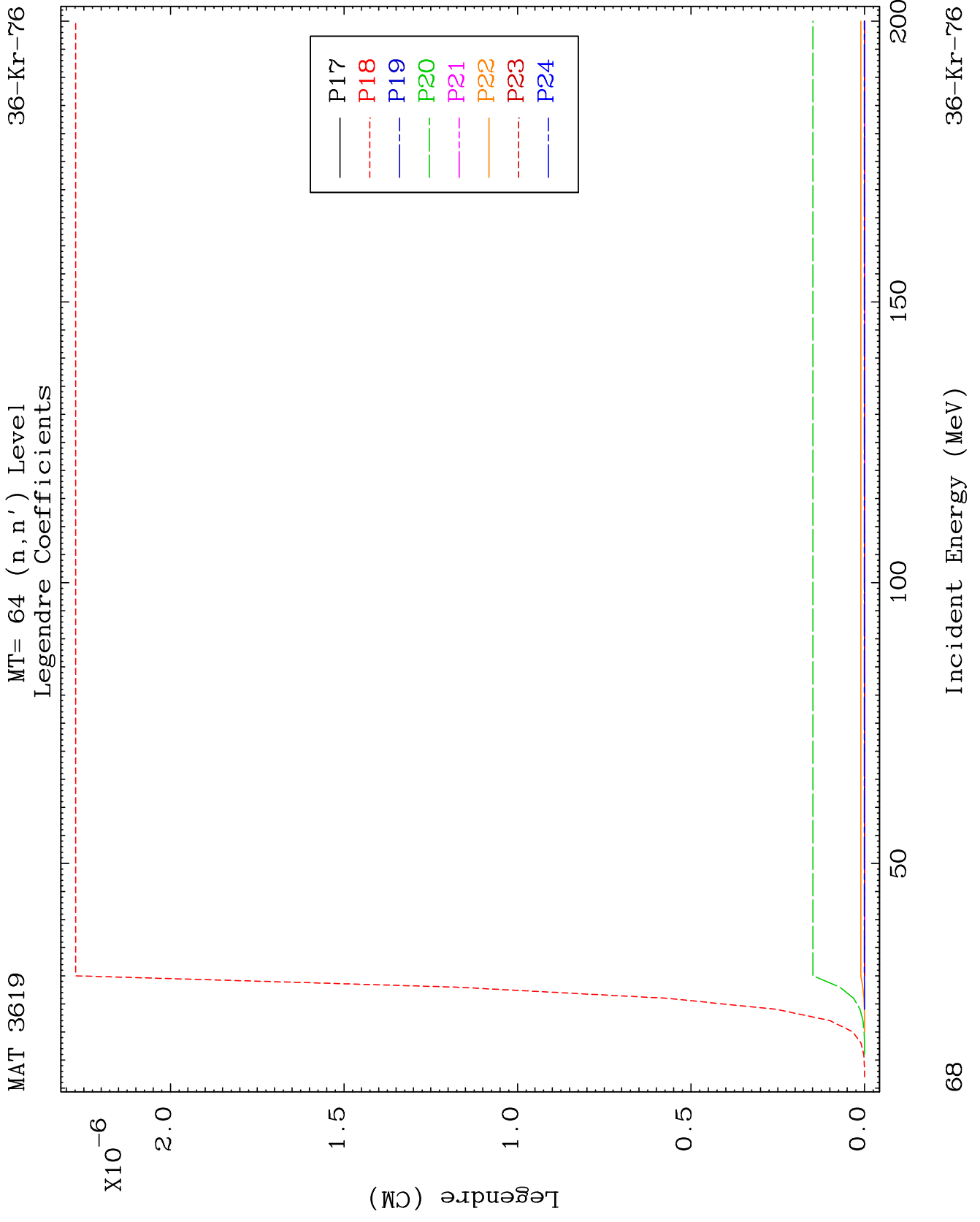
36-Kr-76



67

Incident Energy (MeV)

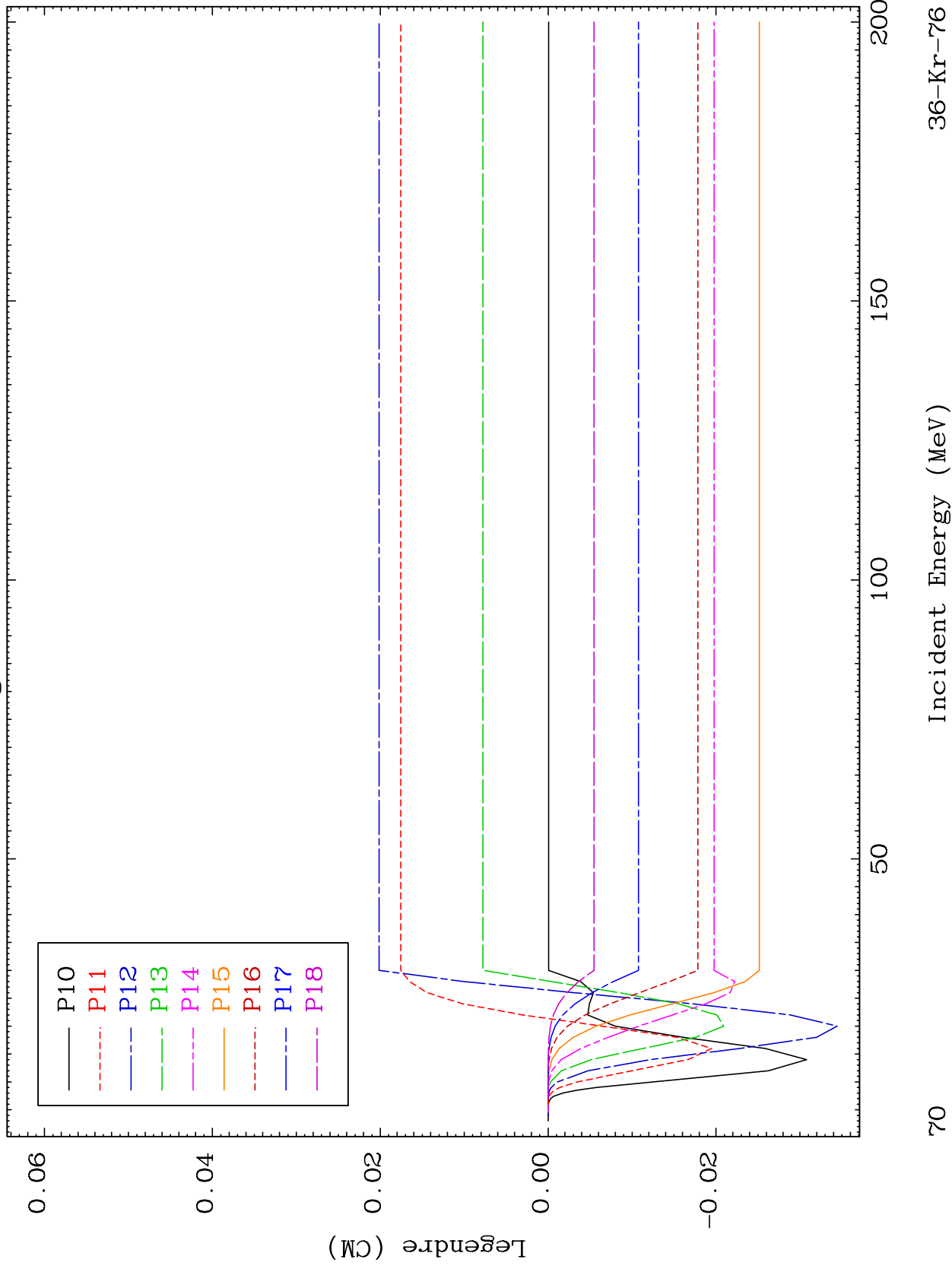
36-Kr-76



MAT 3619

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

36-Kr-76



70

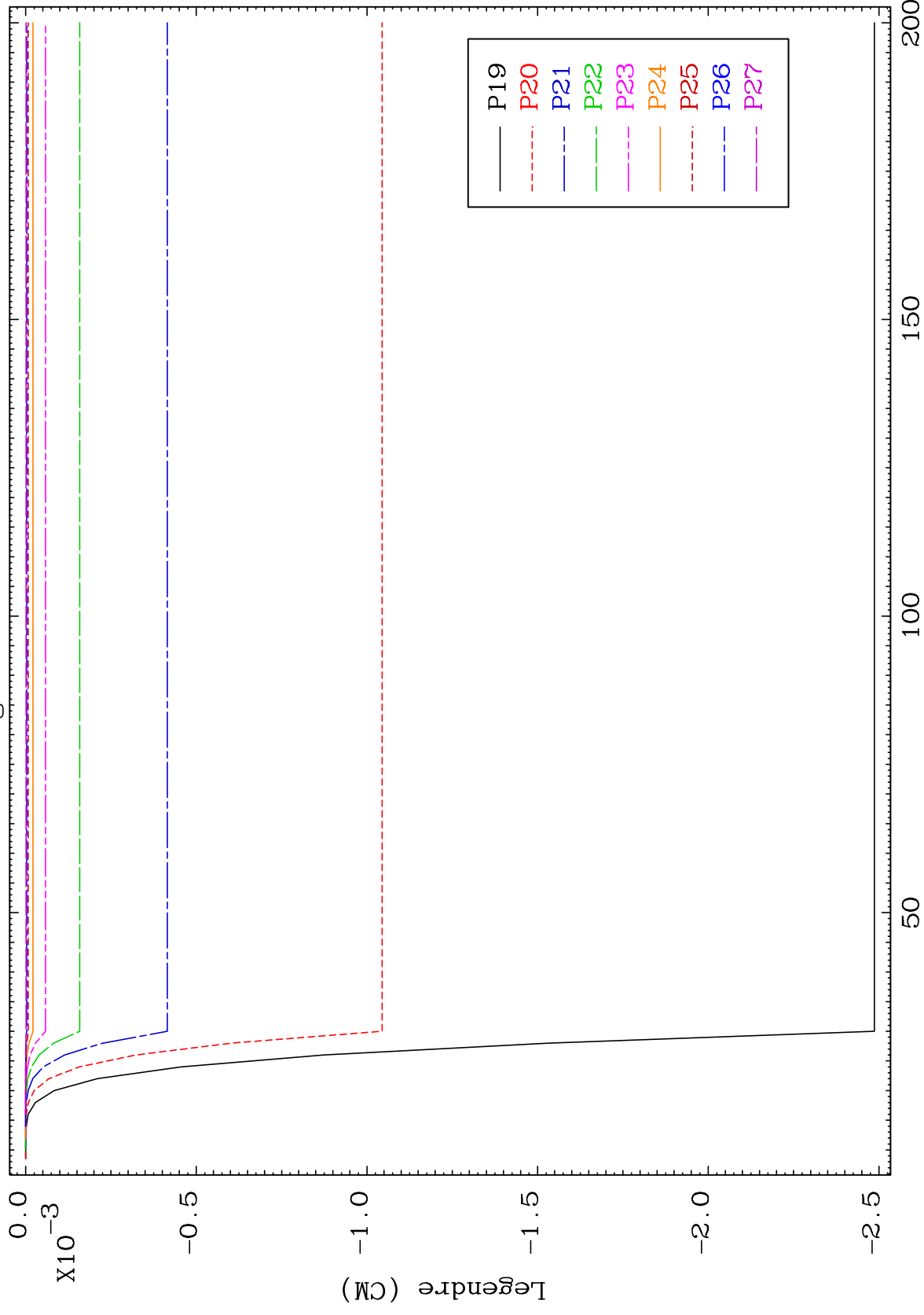
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

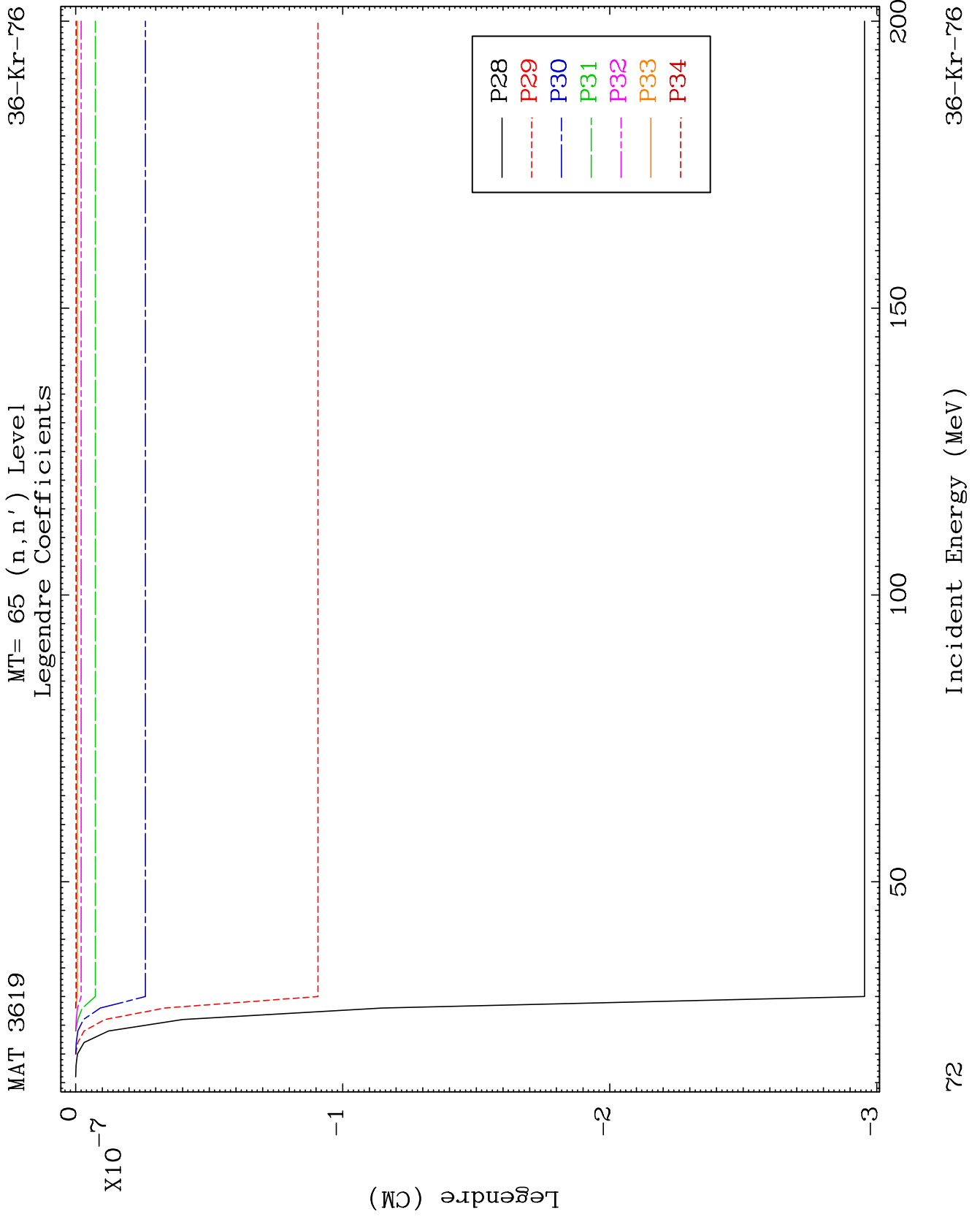
36-Kr-76



71

Incident Energy (MeV)

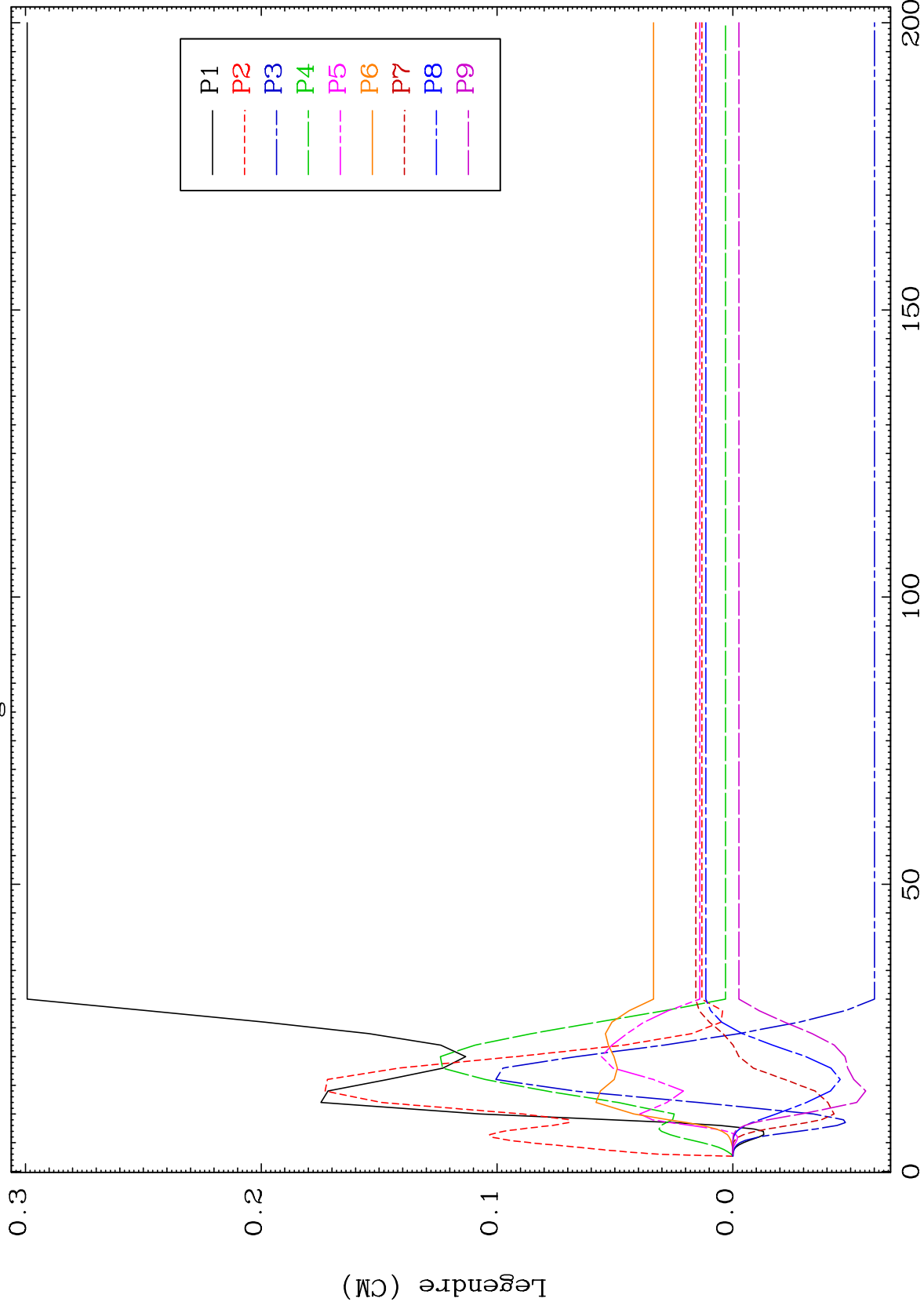
36-Kr-76



MAT 3619

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

36-Kr-76



73

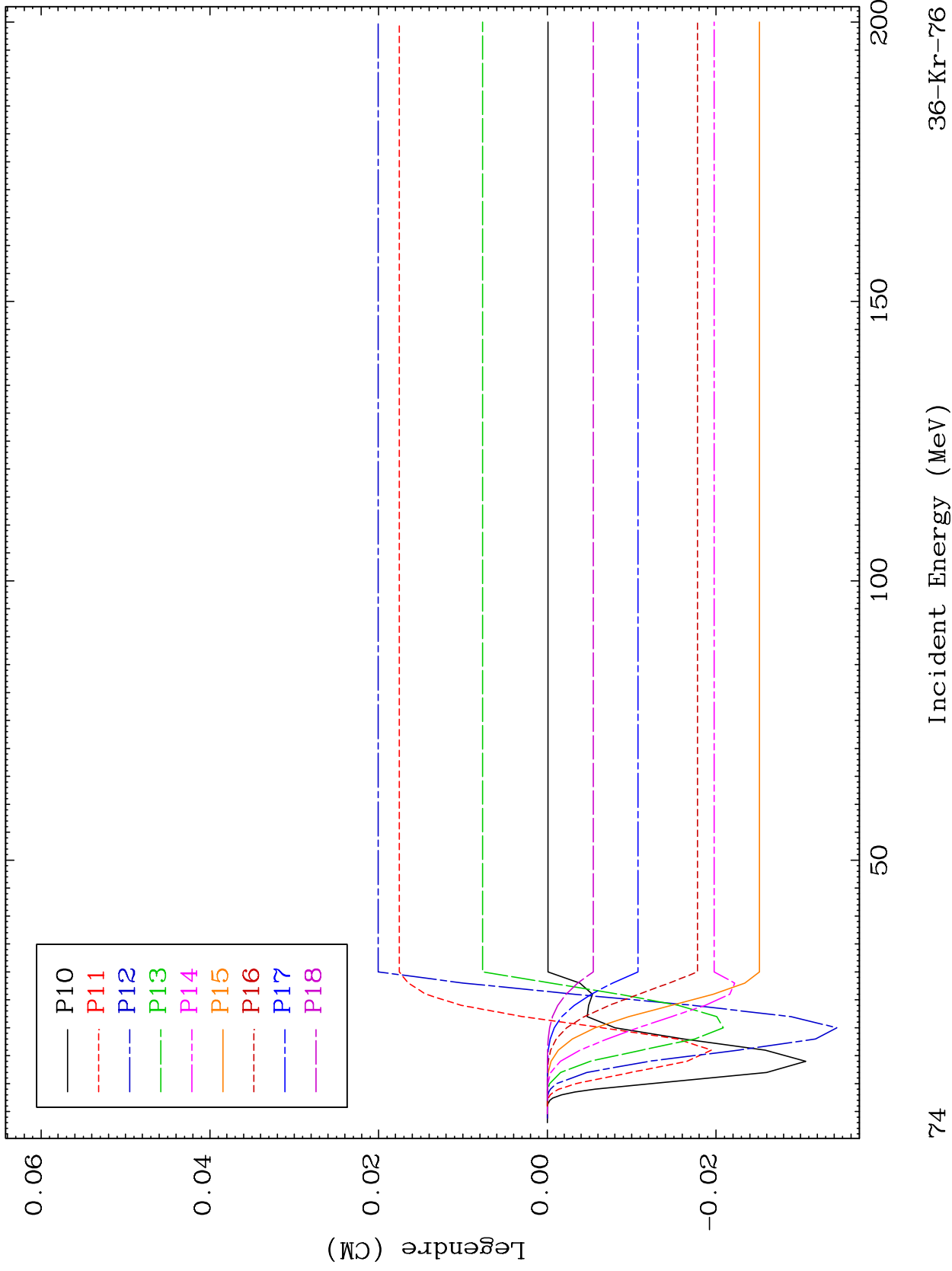
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

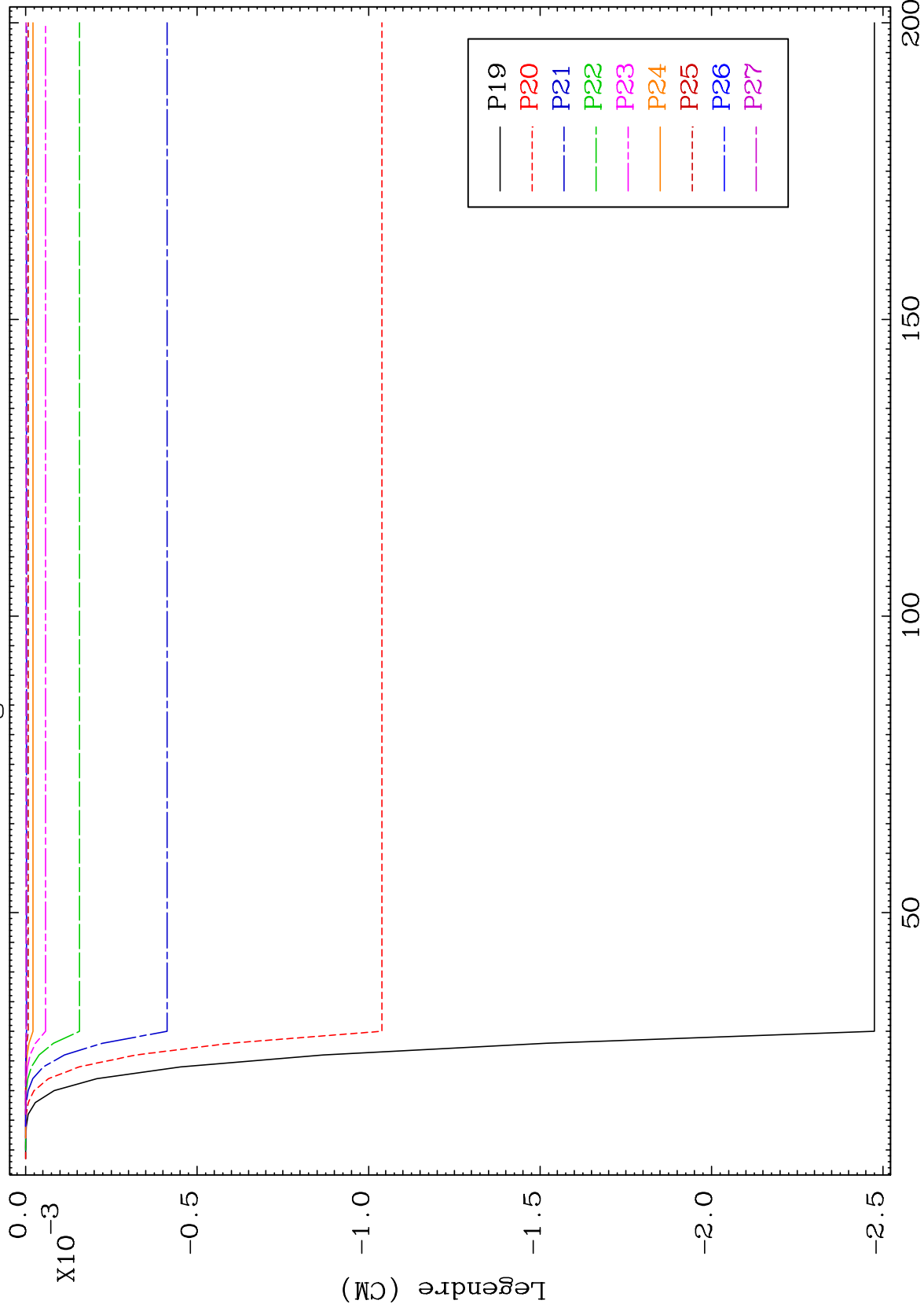
36-Kr-76



MAT 3619

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

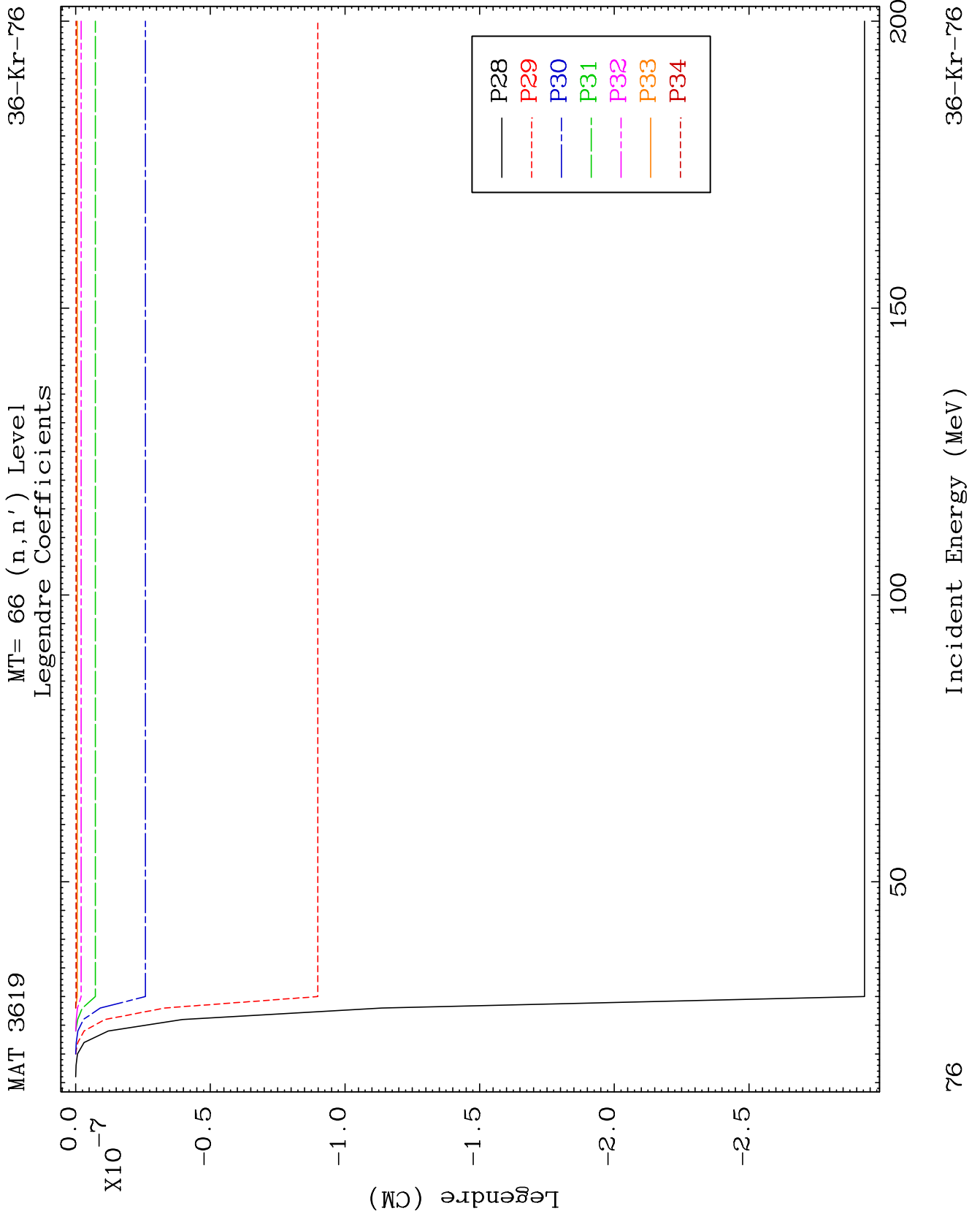
36-Kr-76



75

Incident Energy (MeV)

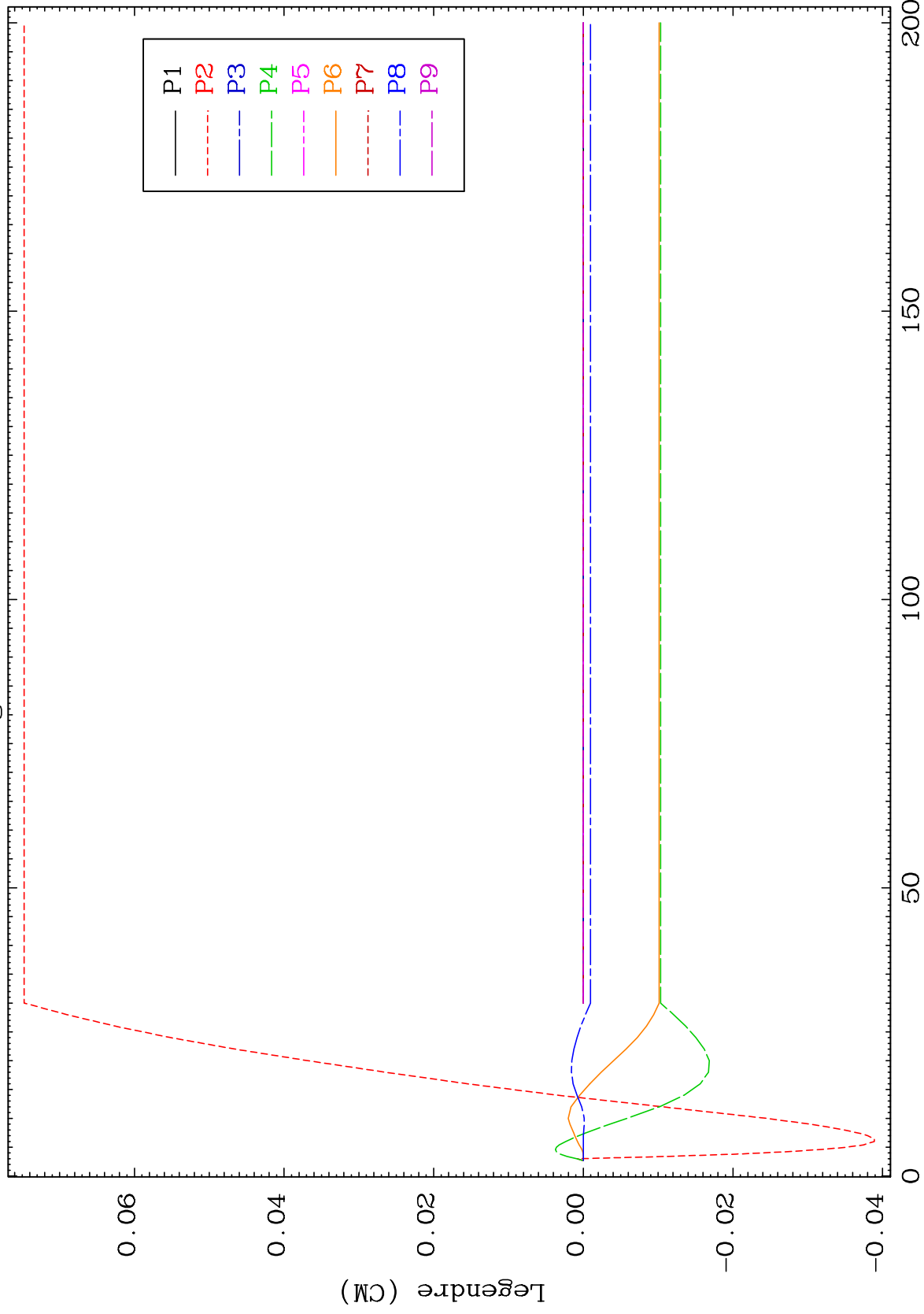
36-Kr-76



MAT 3619

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

36-Kr-76



77

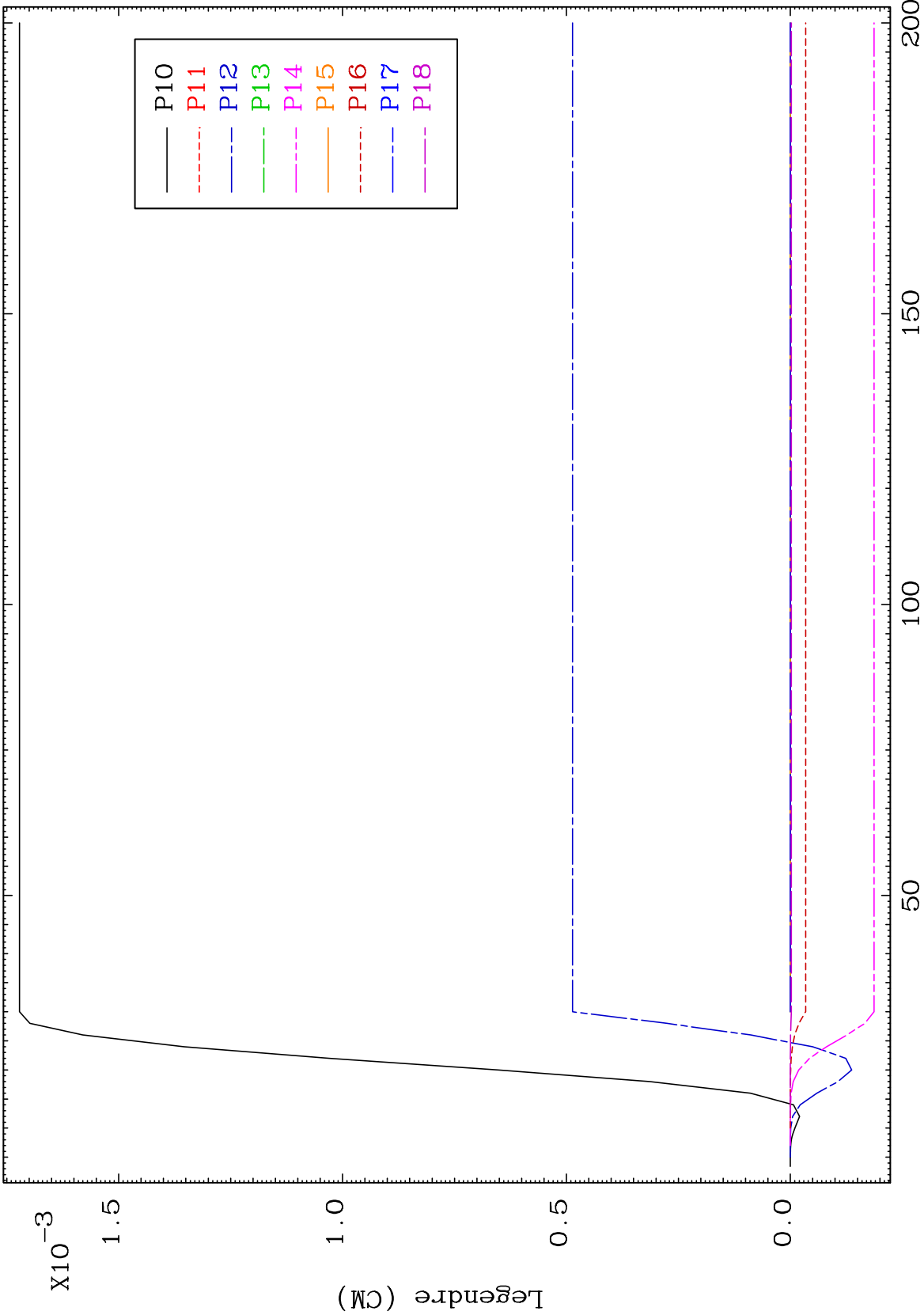
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

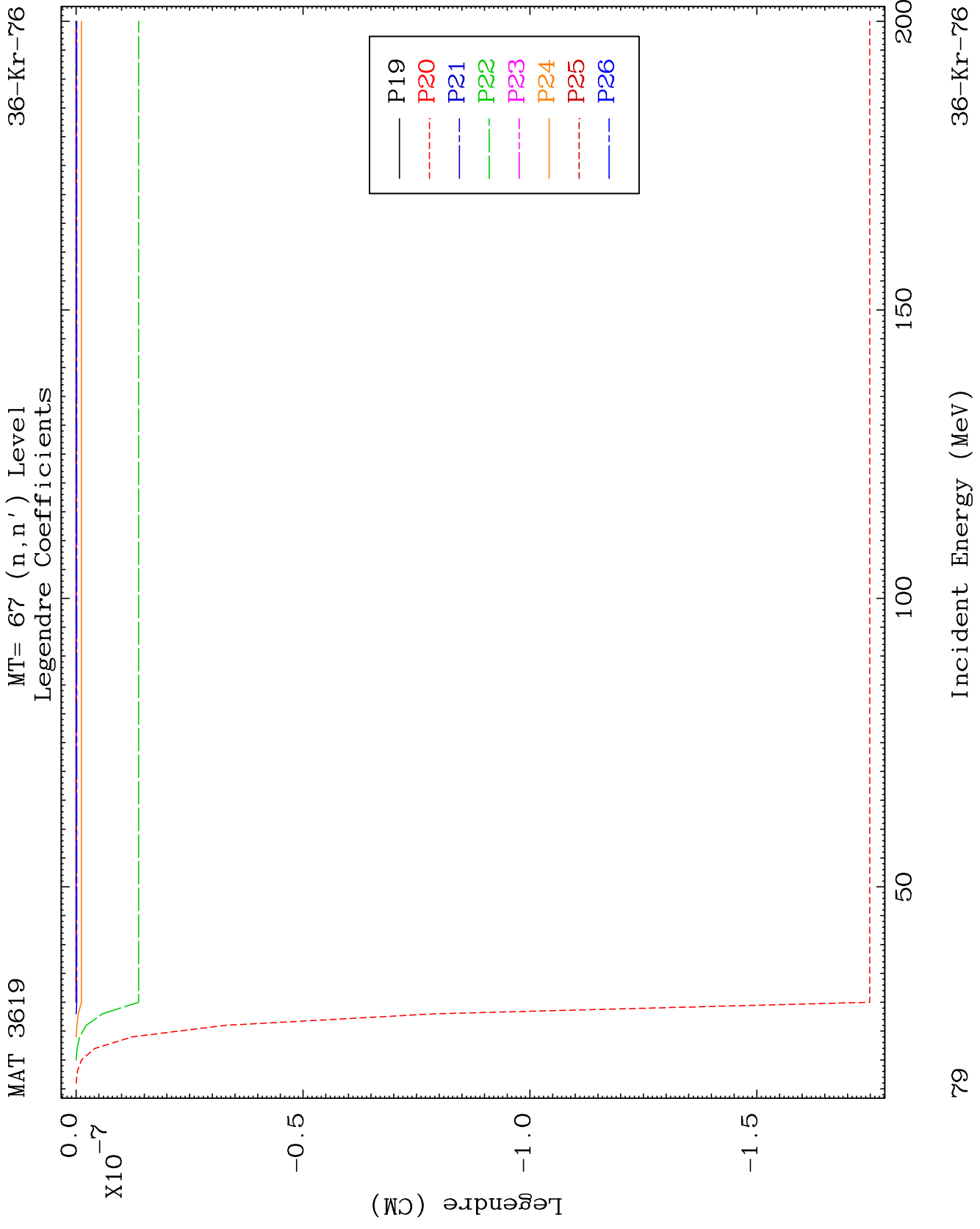
36-Kr-76



78

Incident Energy (MeV)

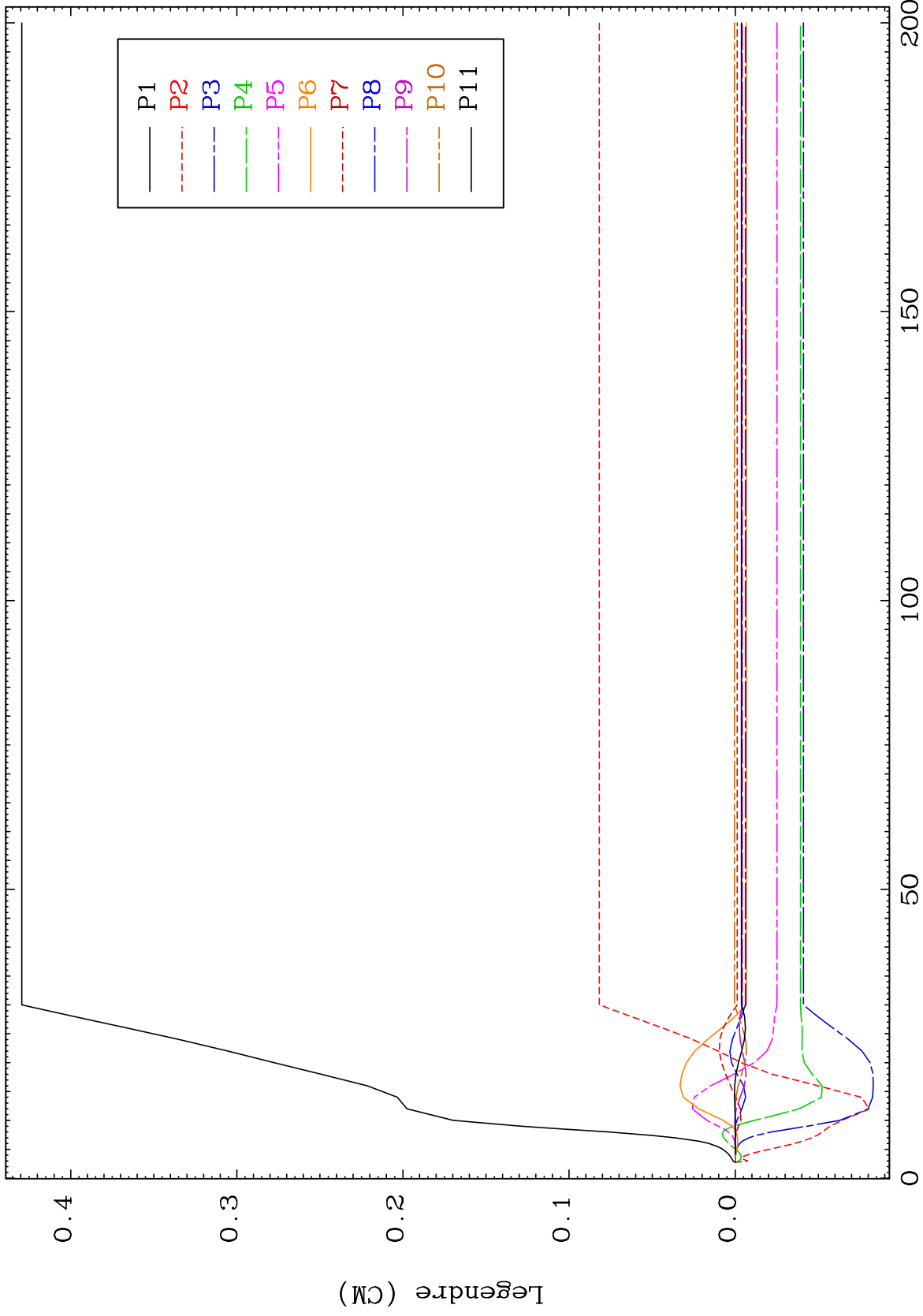
36-Kr-76



MAT 3619

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

36-Kr-76



36-Kr-76

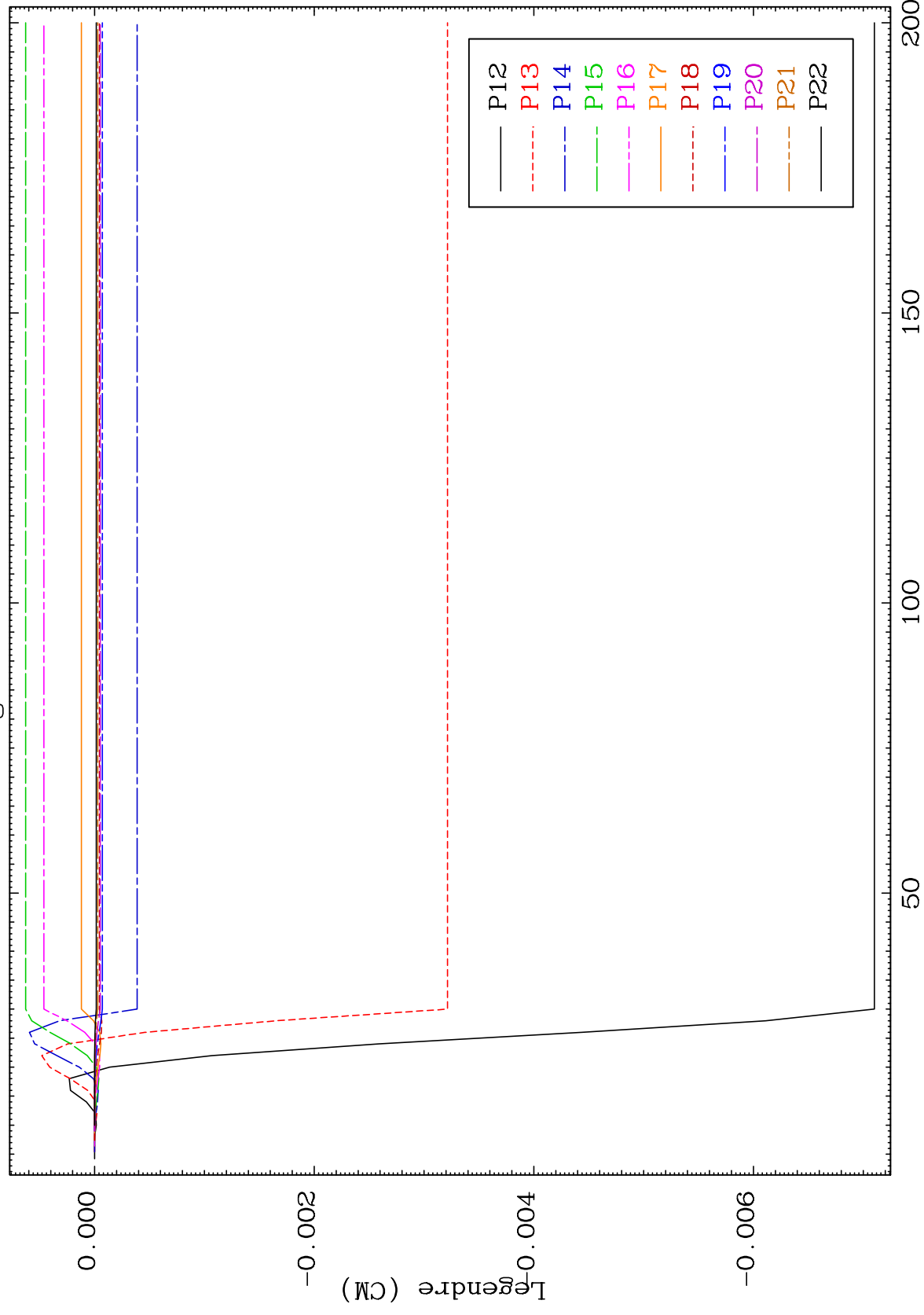
Incident Energy (MeV)

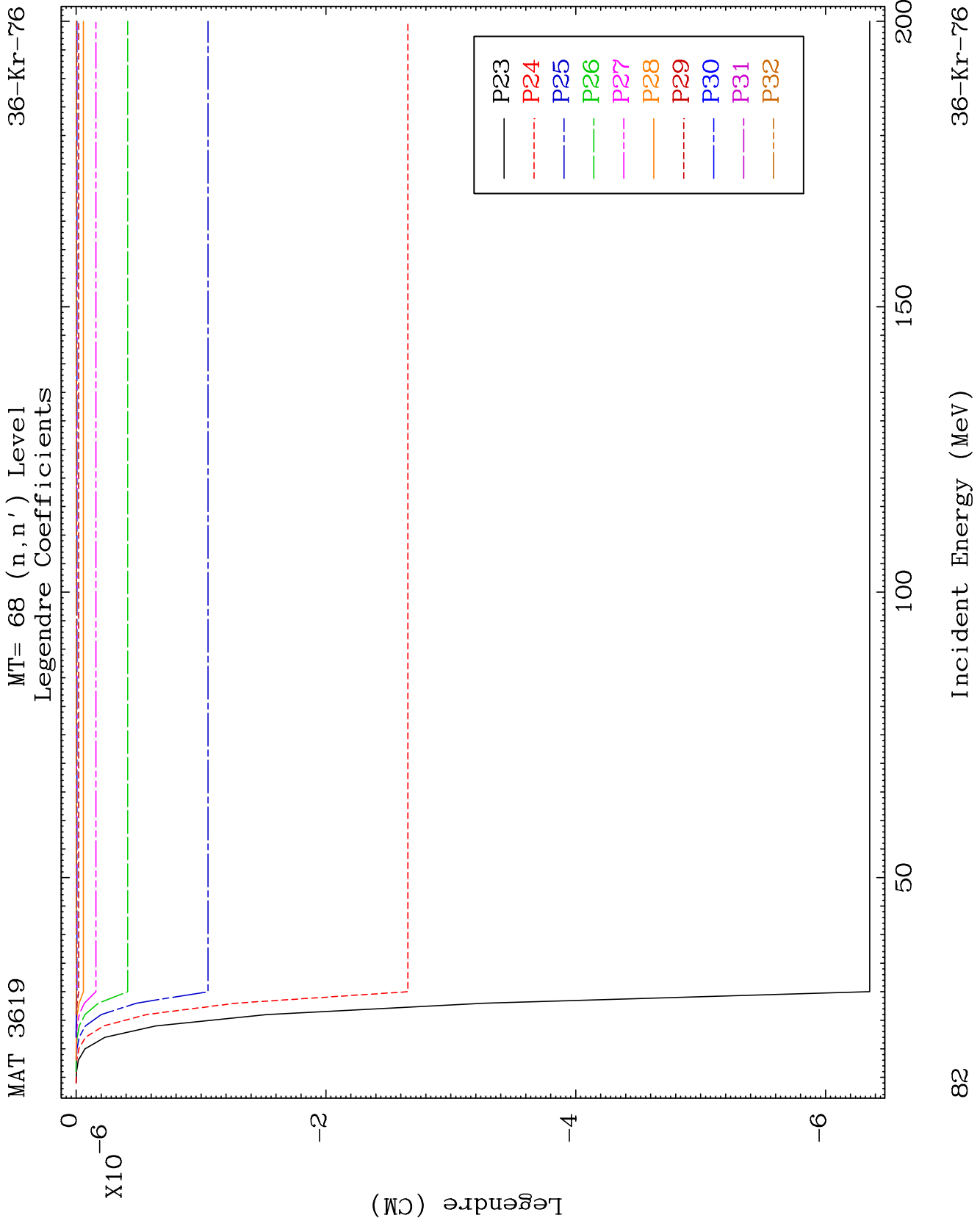
80

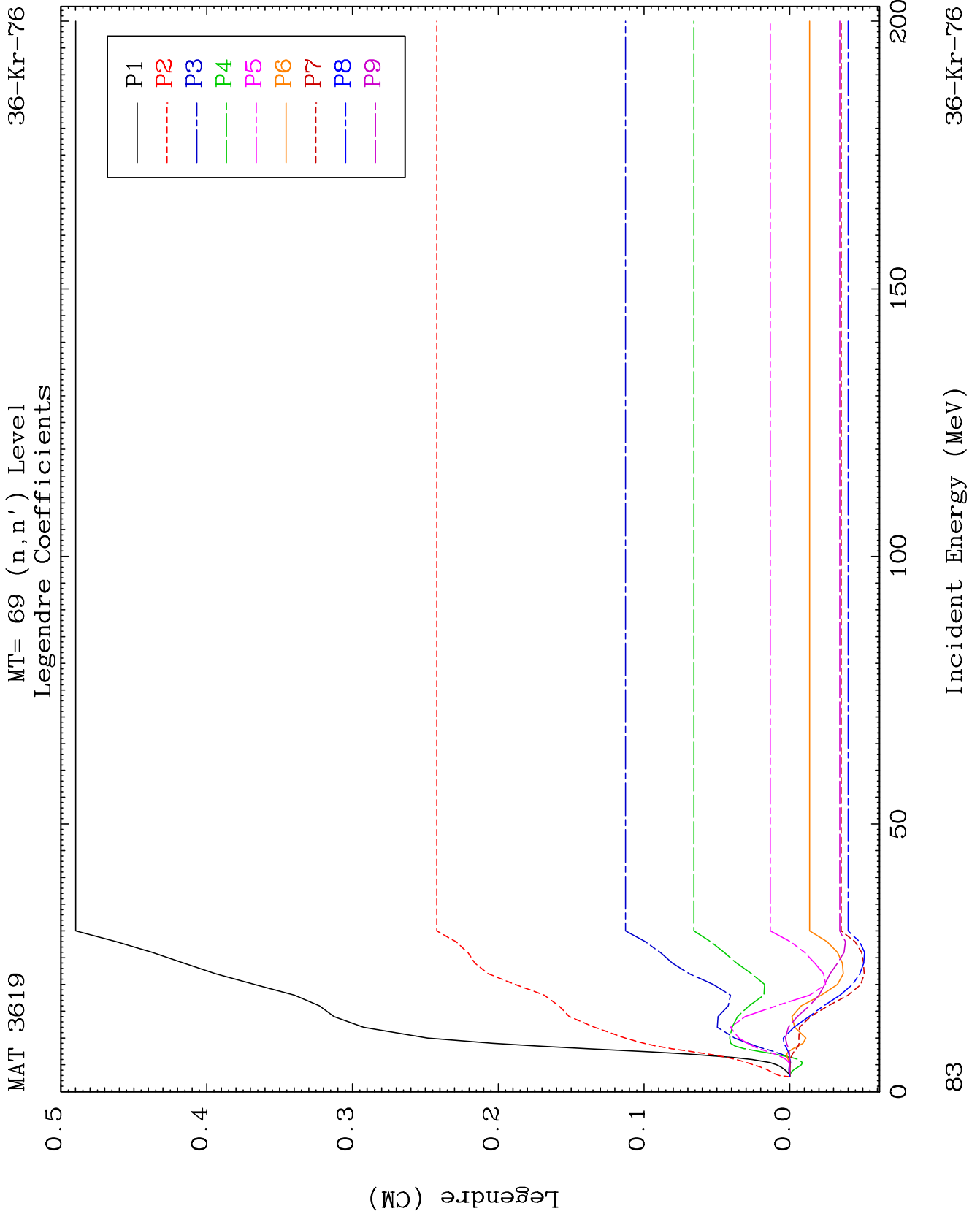
MAT 3619

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

36-Kr-76



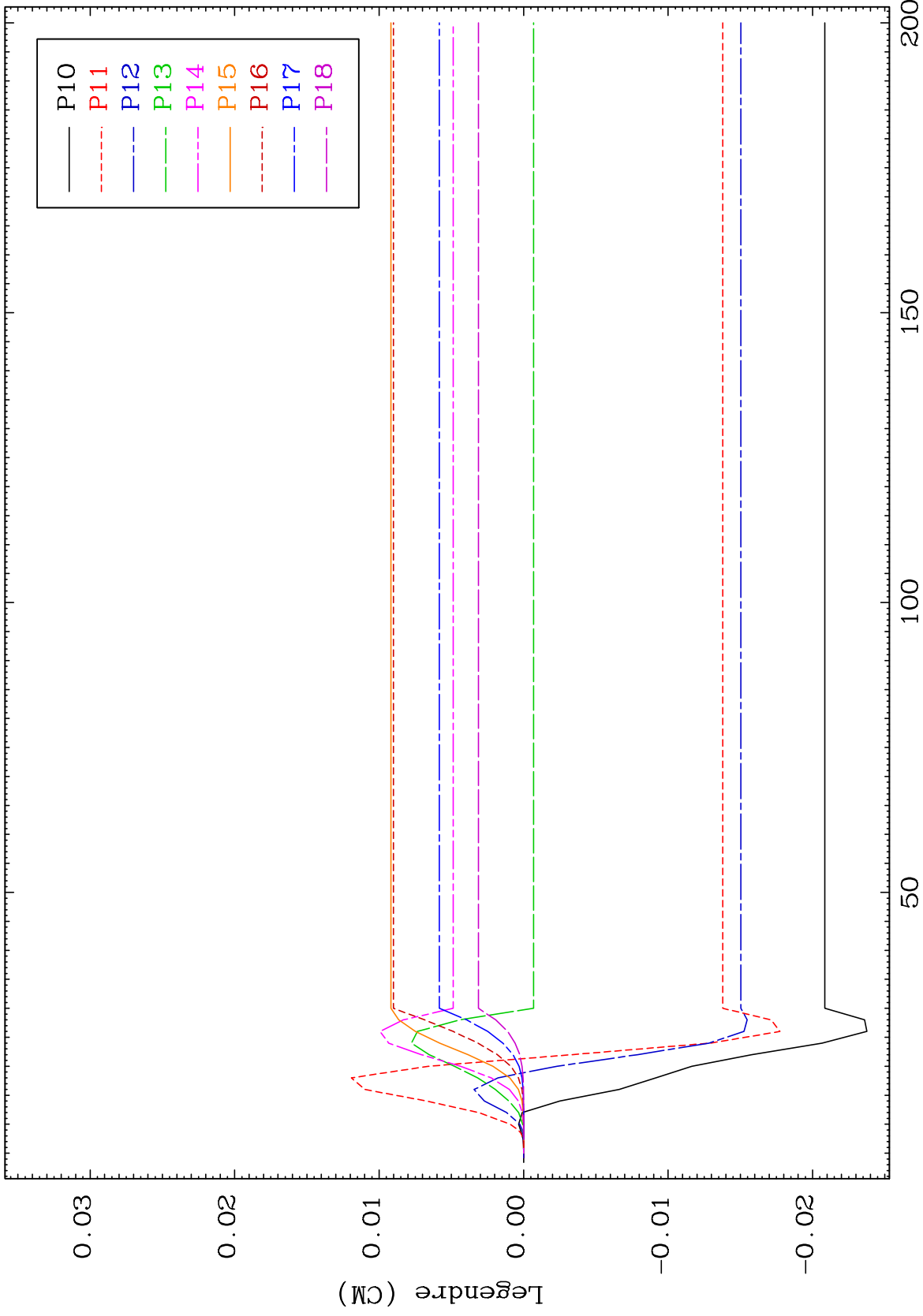




MAT 3619

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

36-Kr-76



84

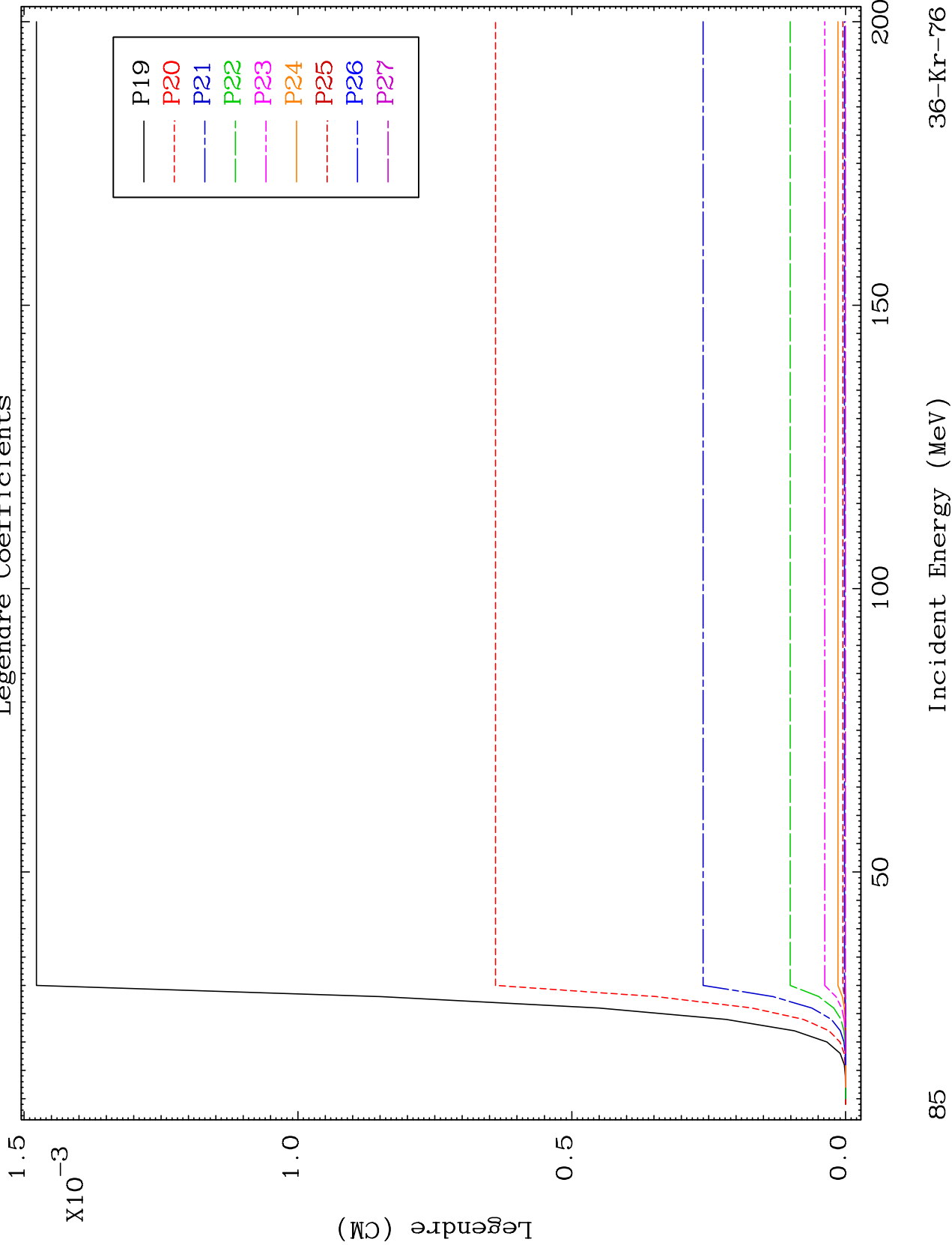
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



85

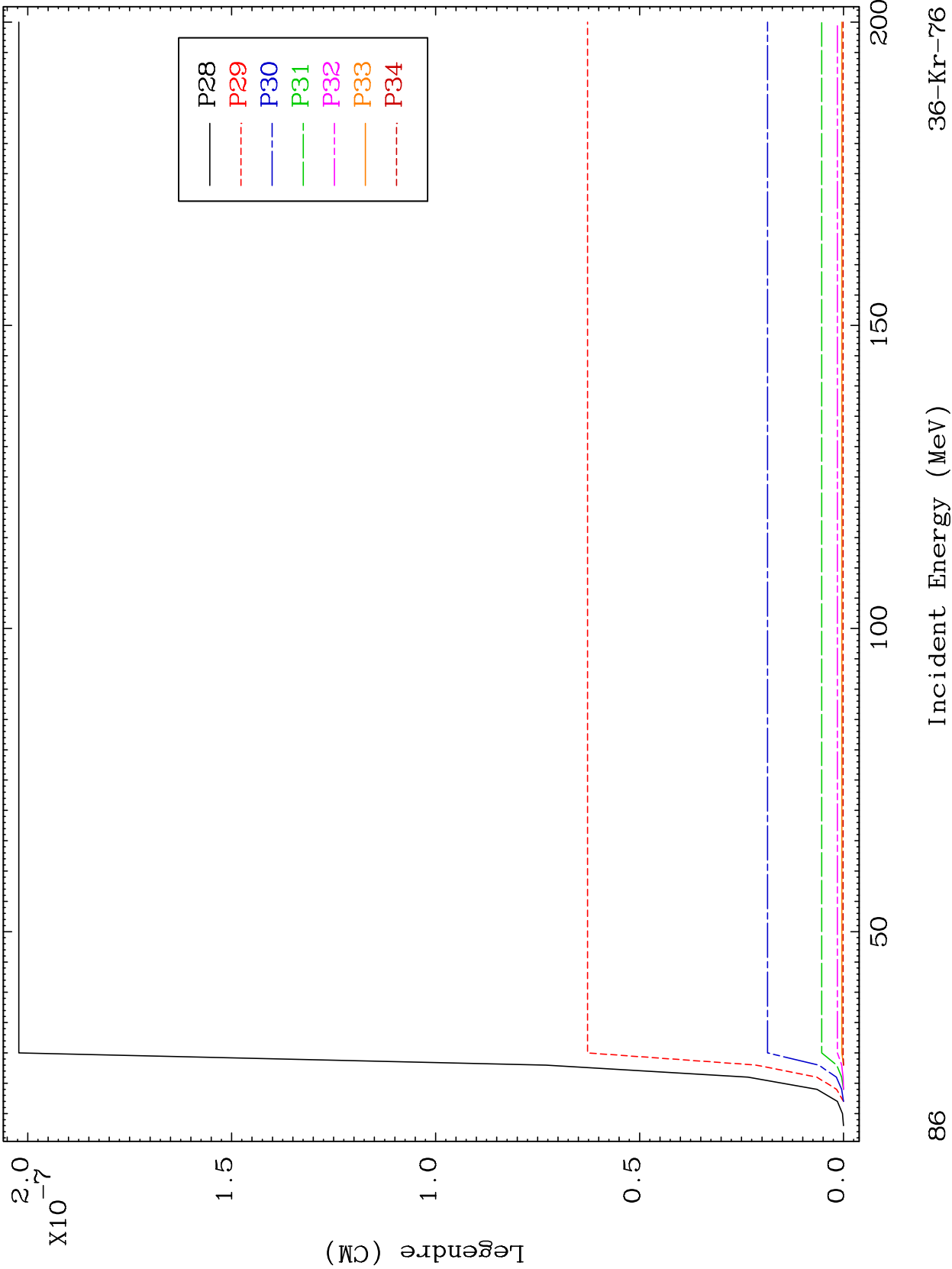
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



86

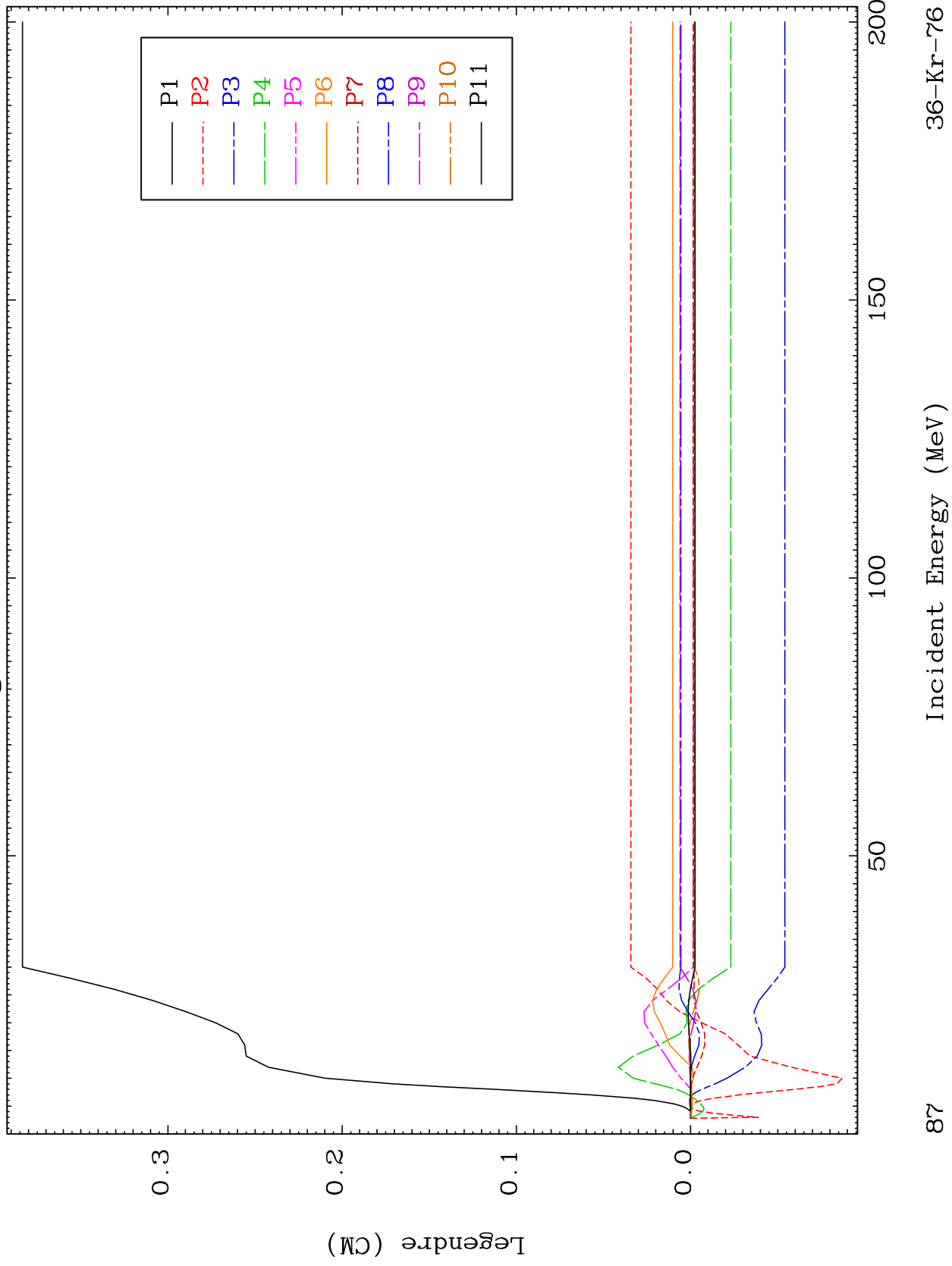
Incident Energy (MeV)

36-Kr-76

MAT 3619

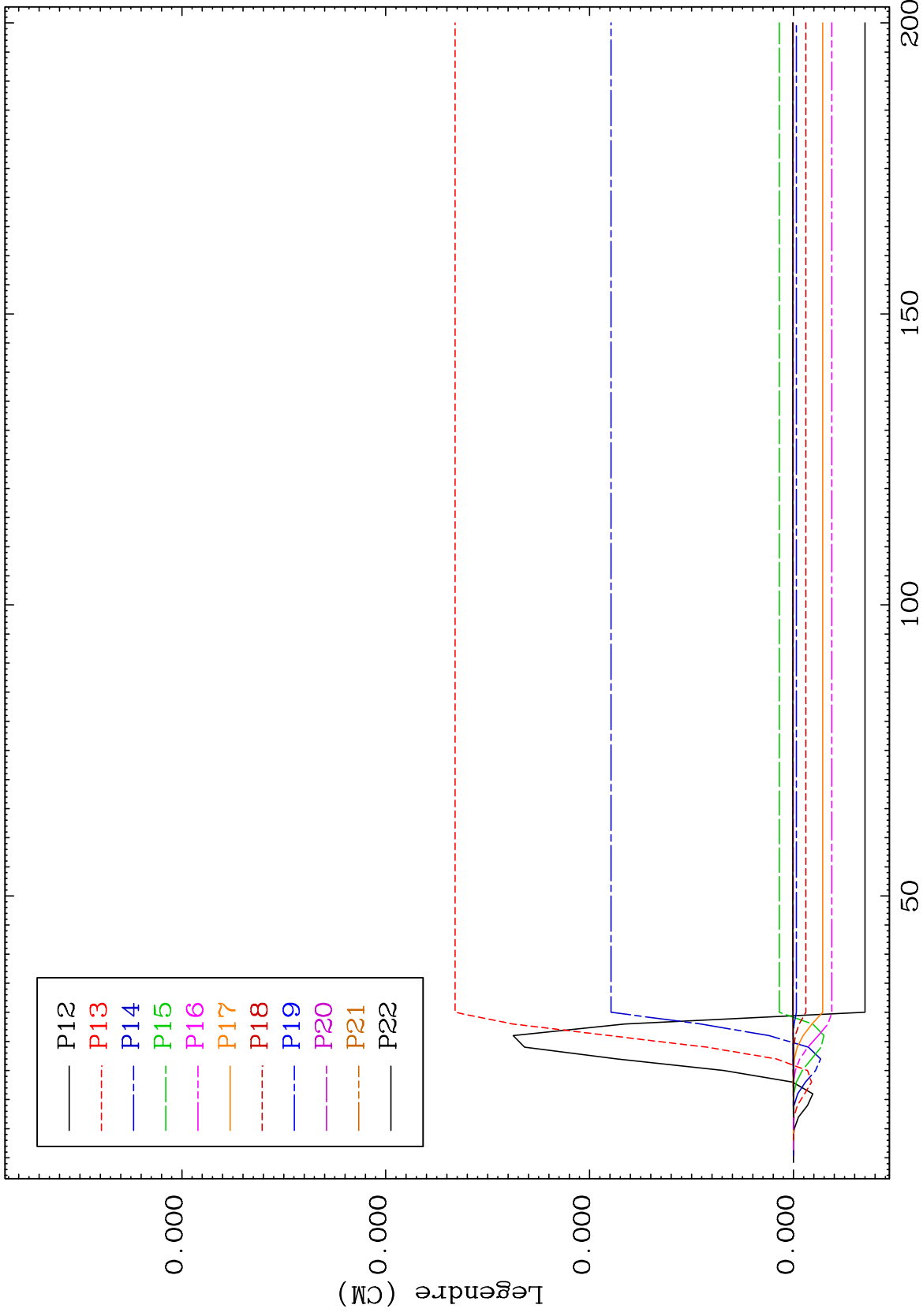
36-Kr-76

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



87

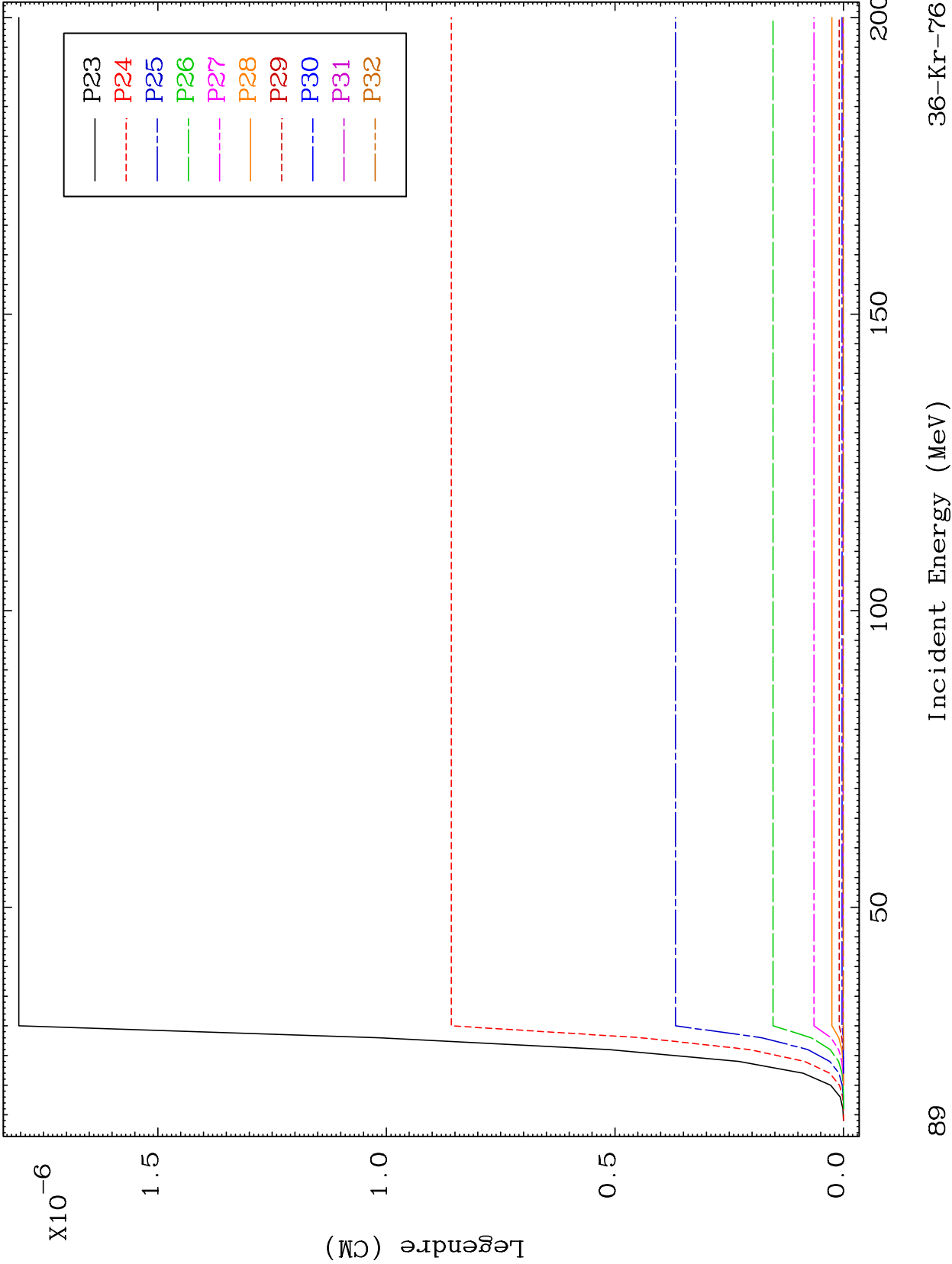
36-Kr-76



MAT 3619

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

36-Kr-76



89

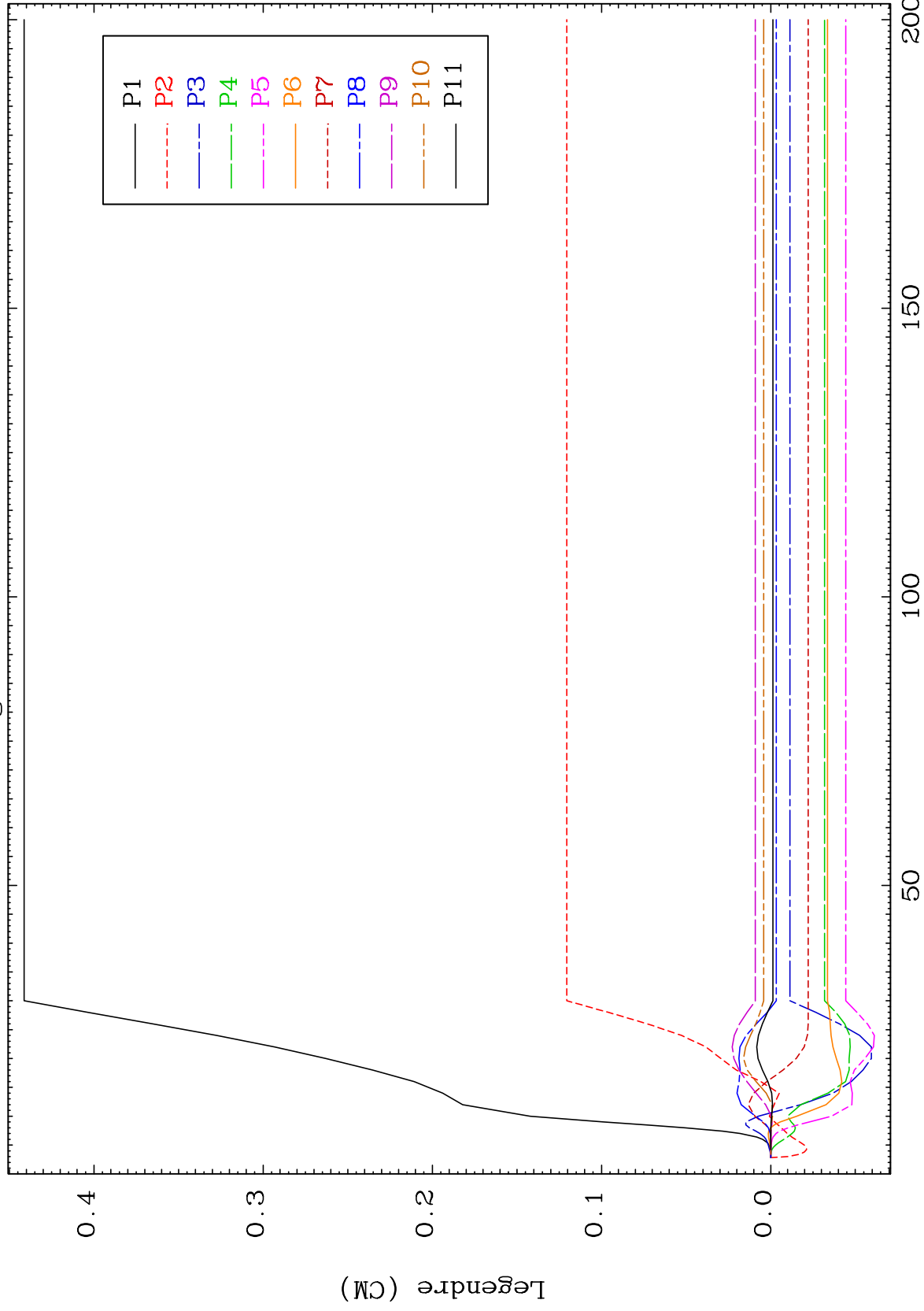
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



90

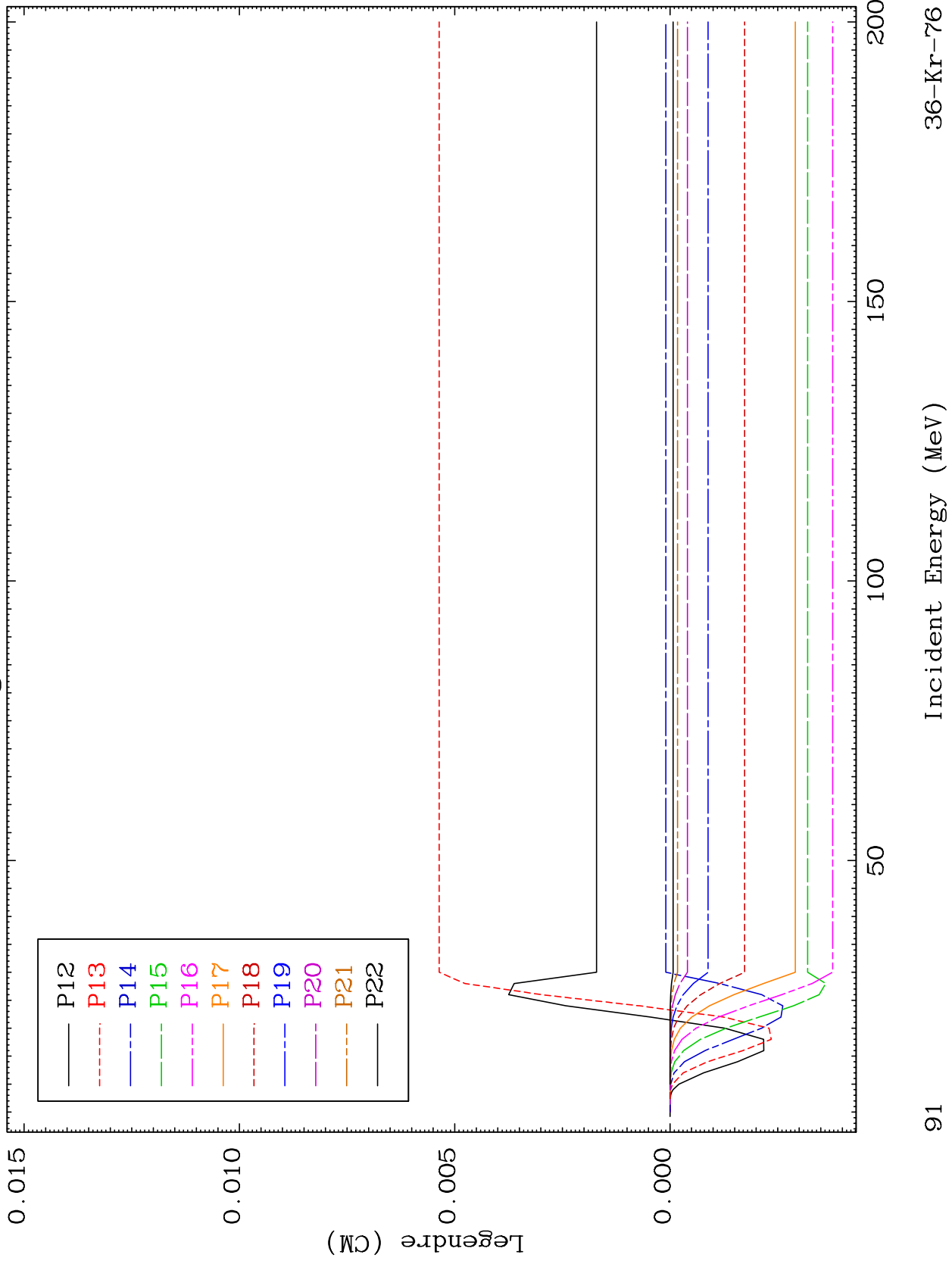
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

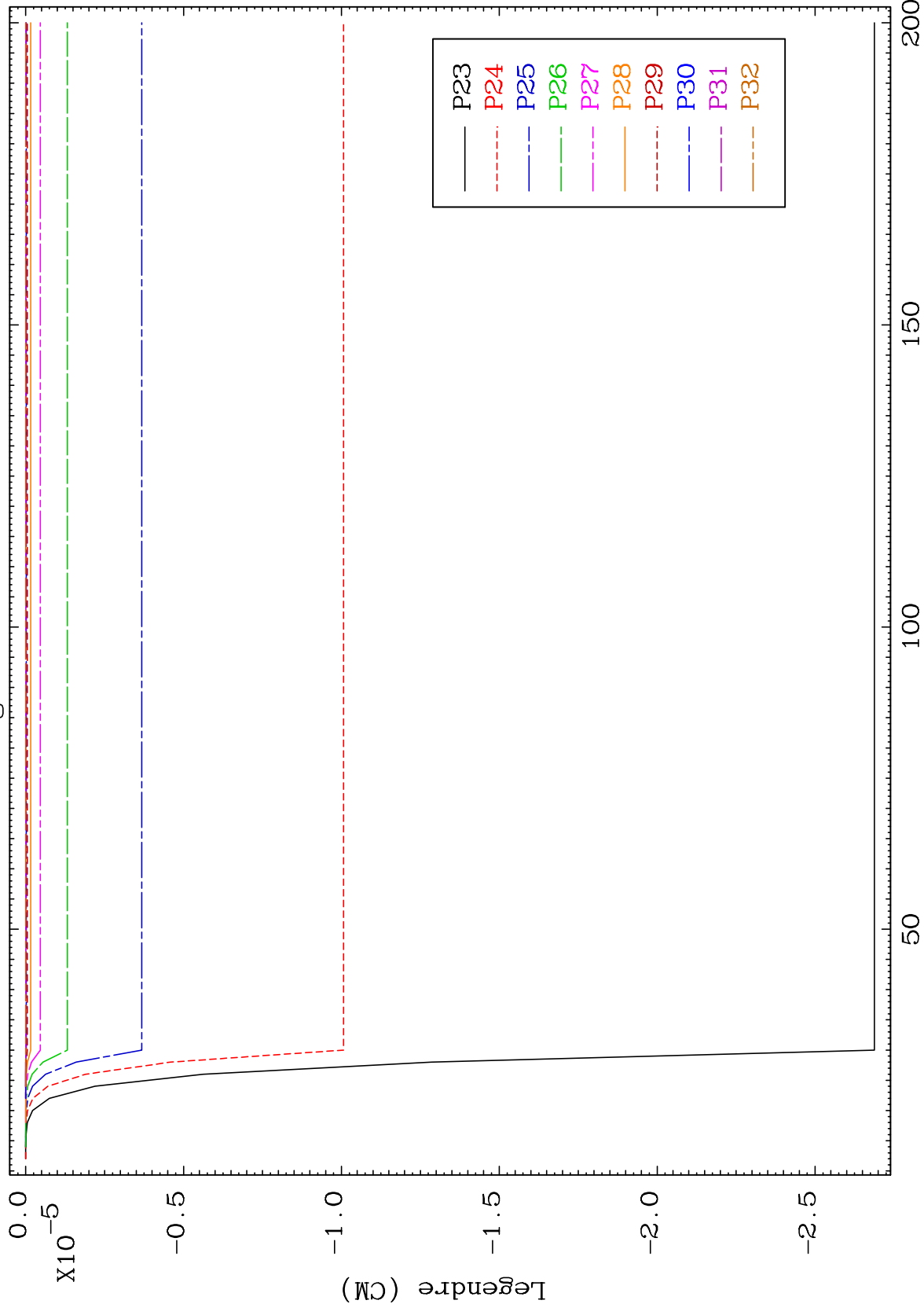
36-Kr-76



MAT 3619

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

36-Kr-76



92

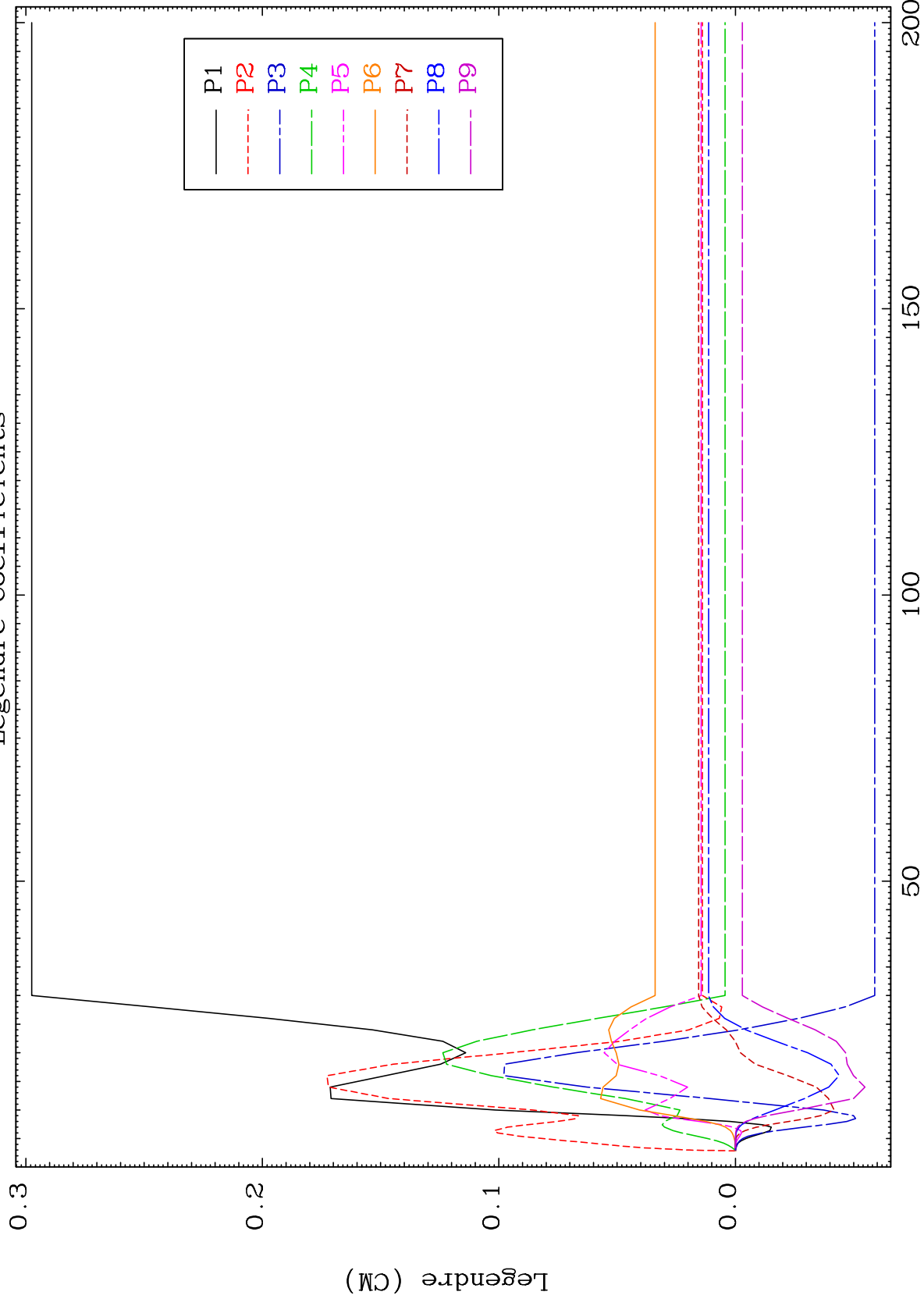
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

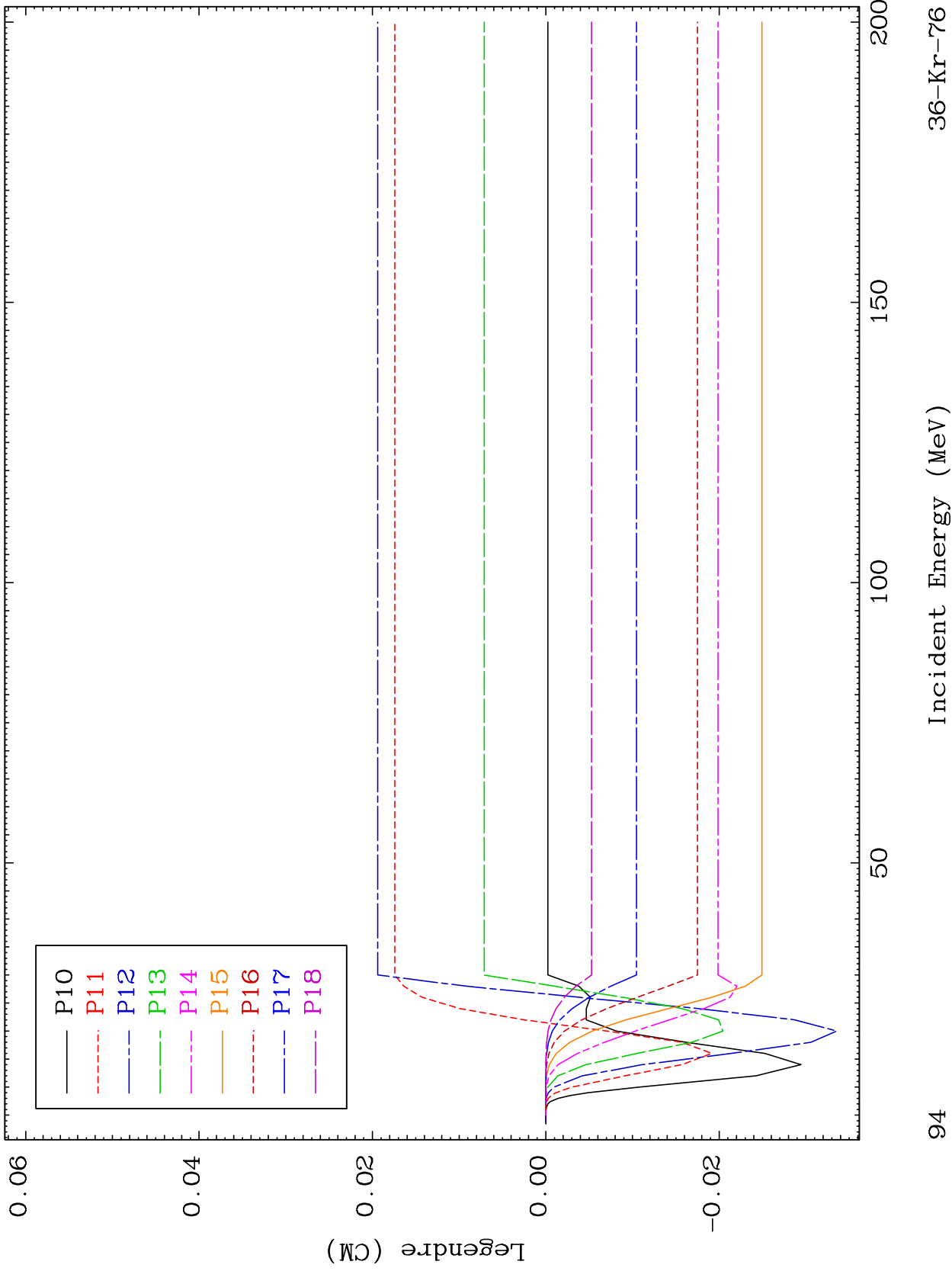
36-Kr-76



93

Incident Energy (MeV)

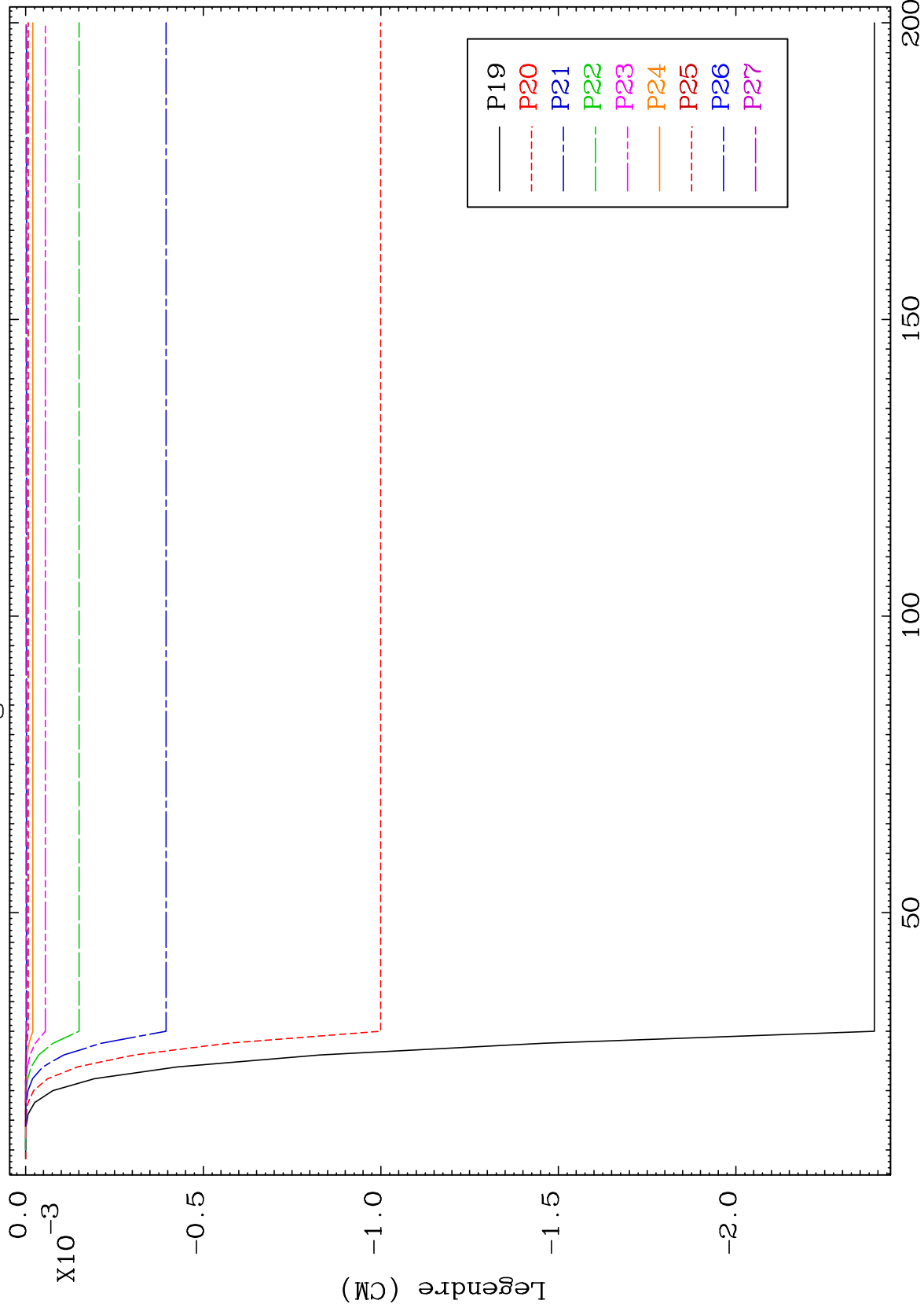
36-Kr-76

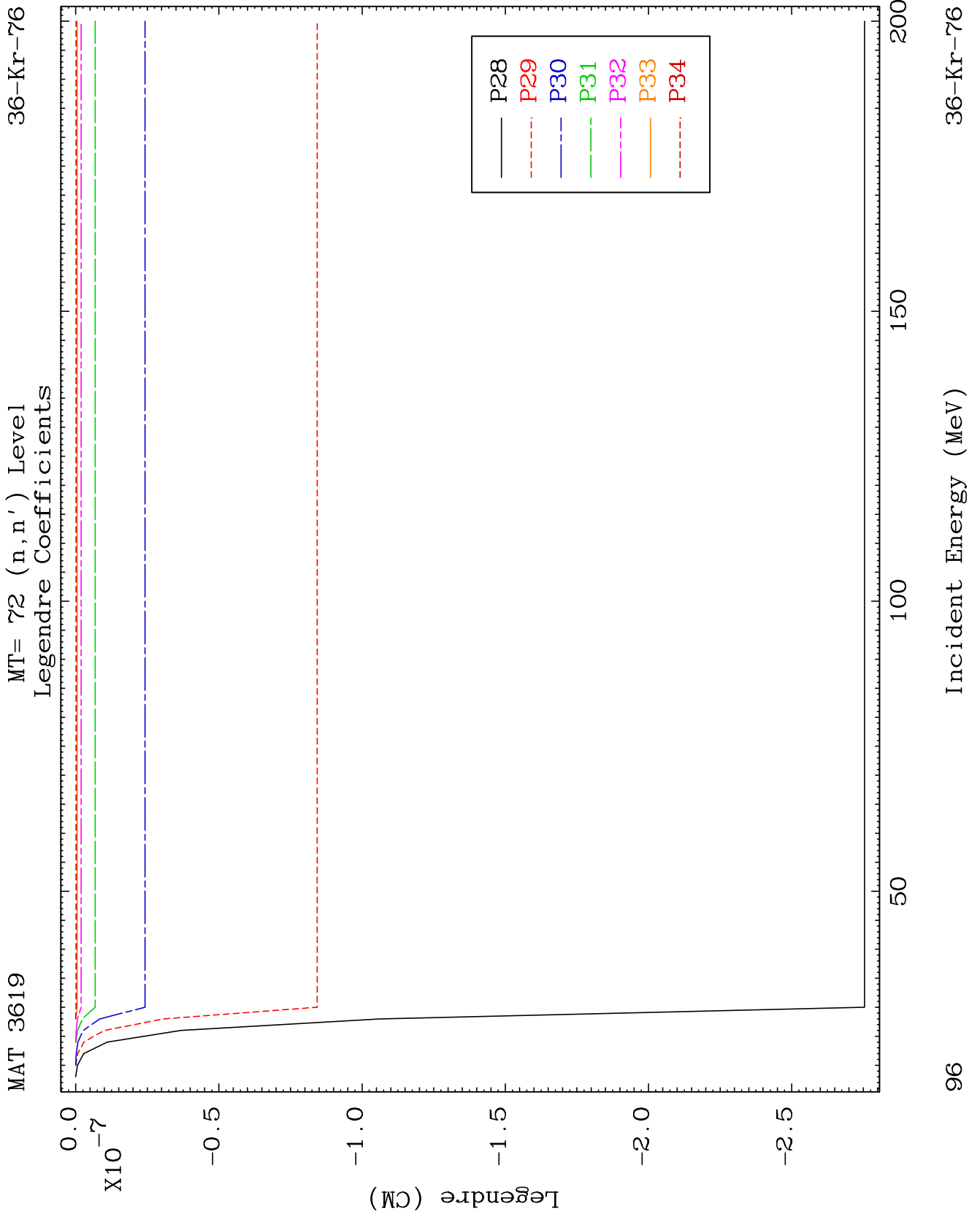


MAT 3619

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

36-Kr-76

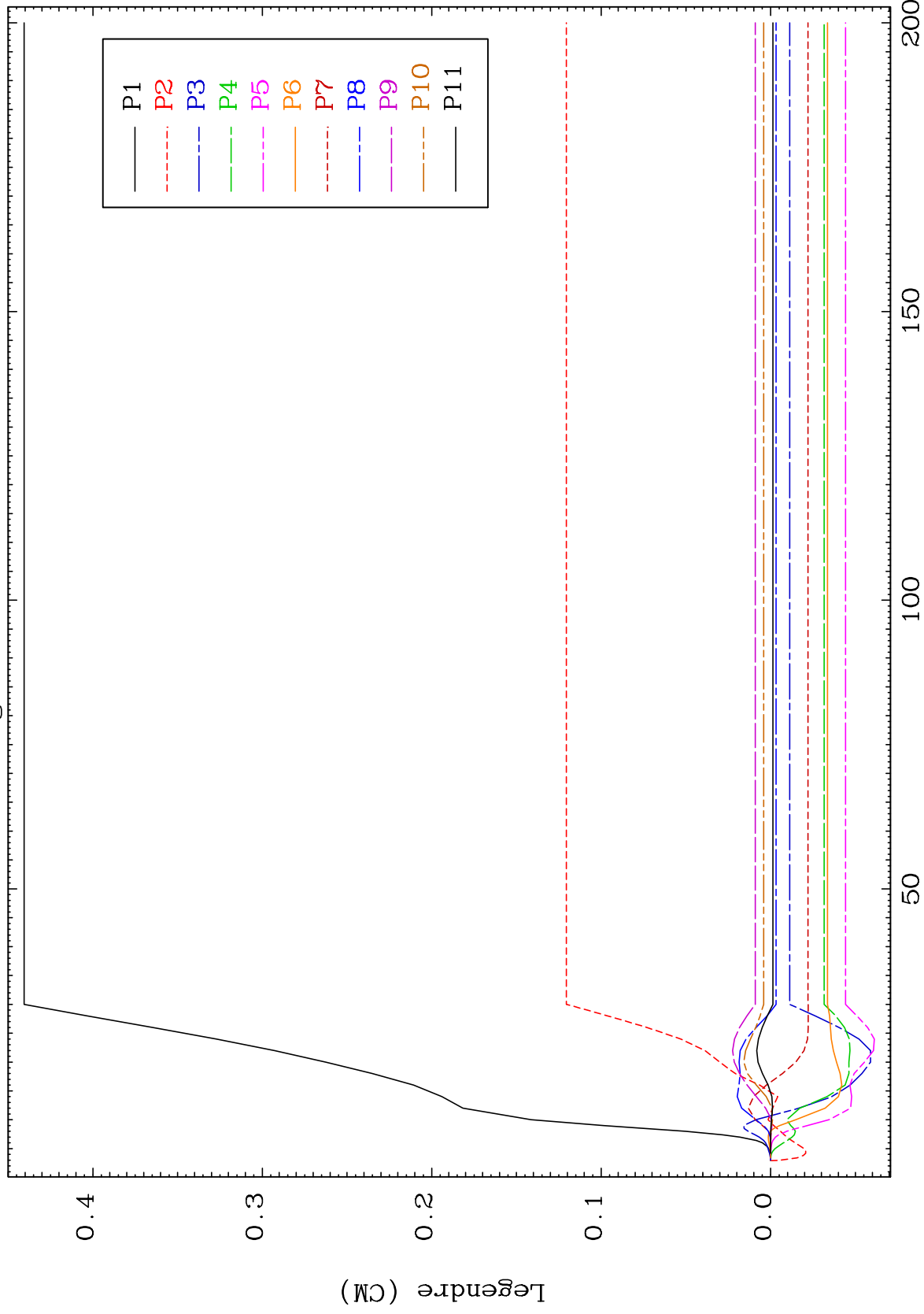




MAT 3619

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

36-Kr-76



97

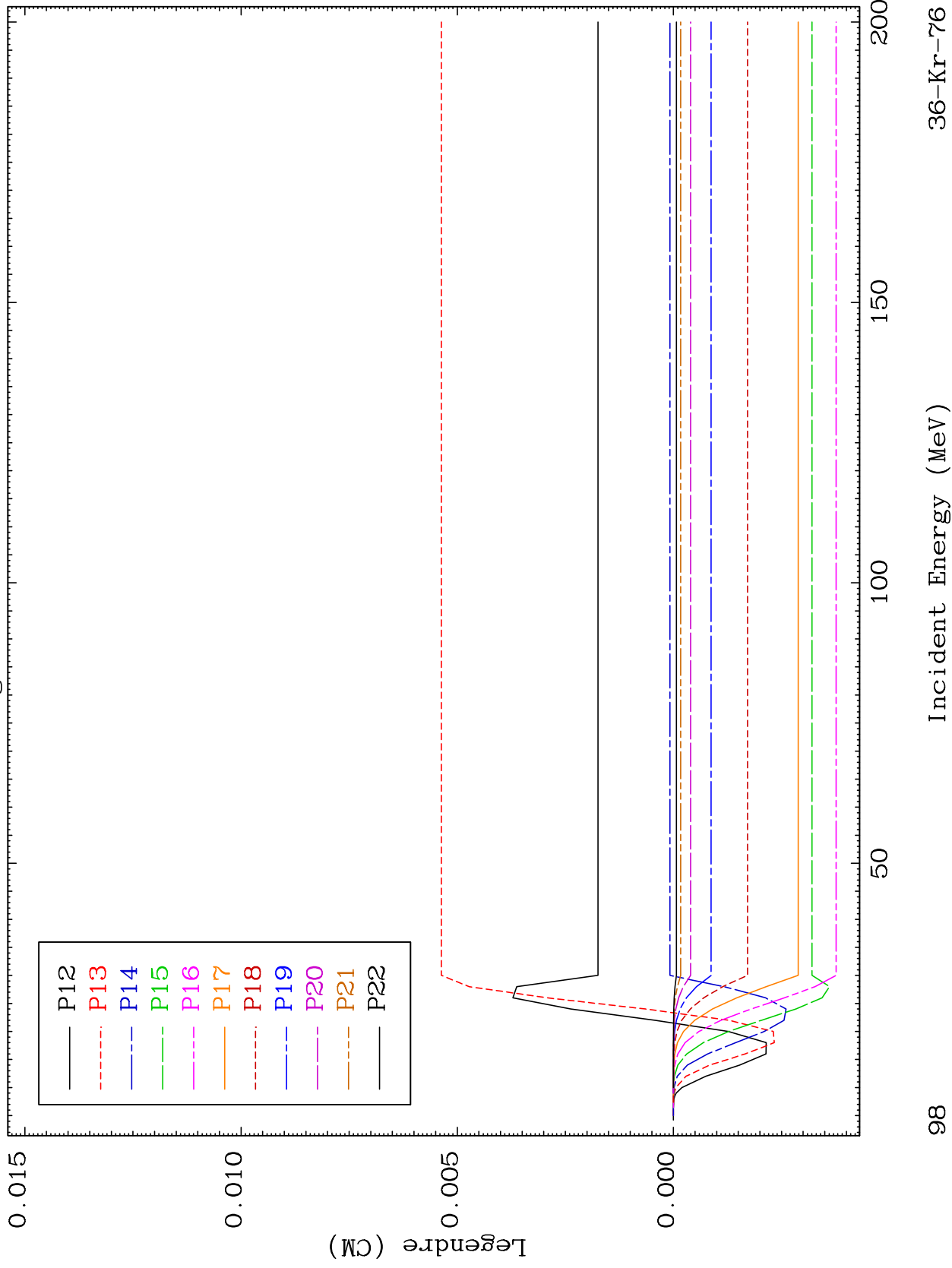
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



98

Incident Energy (MeV)

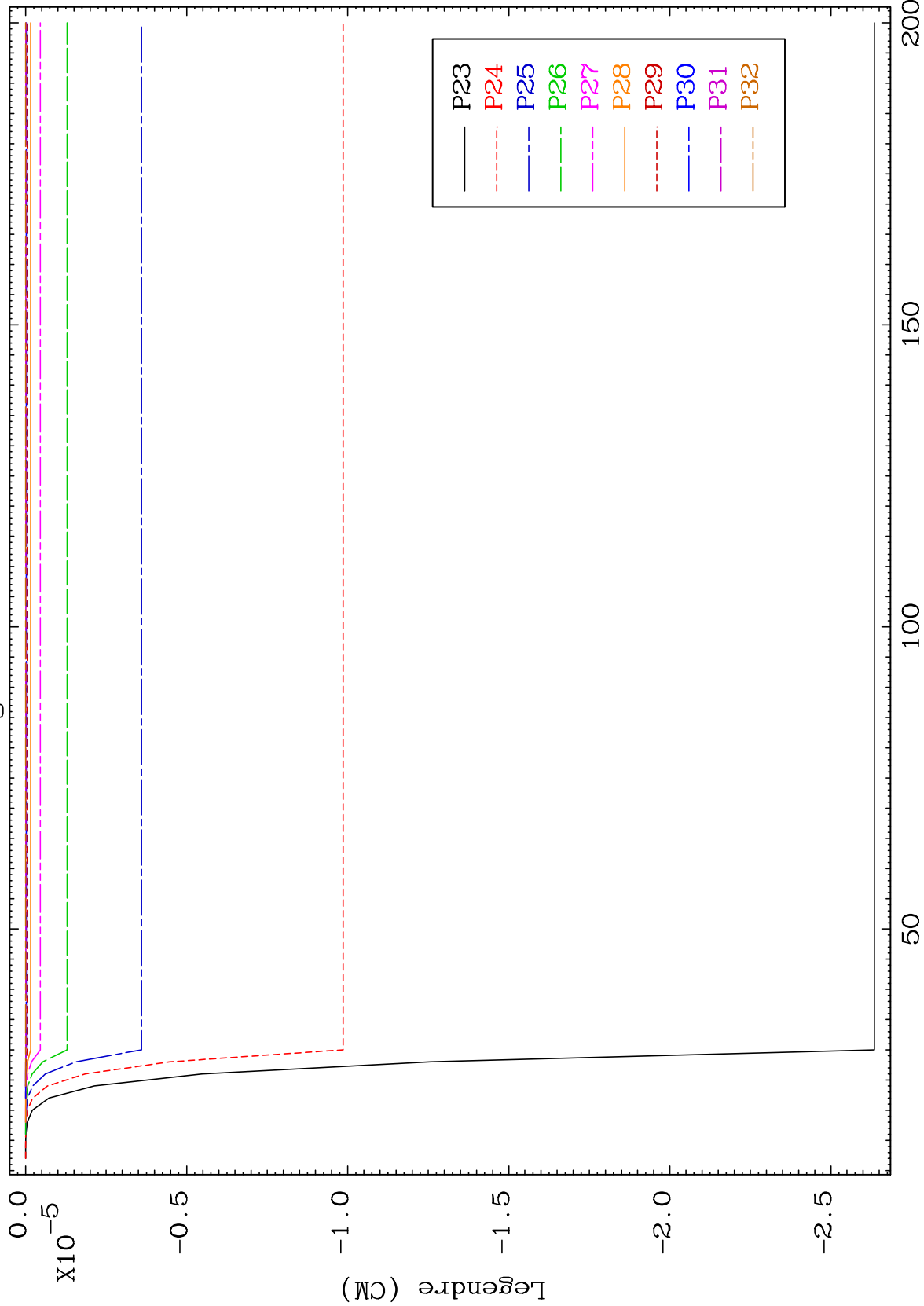
36-Kr-76

MAT 3619

MT= 73 (n,n') Level

36-Kr-76

Legendre Coefficients



99

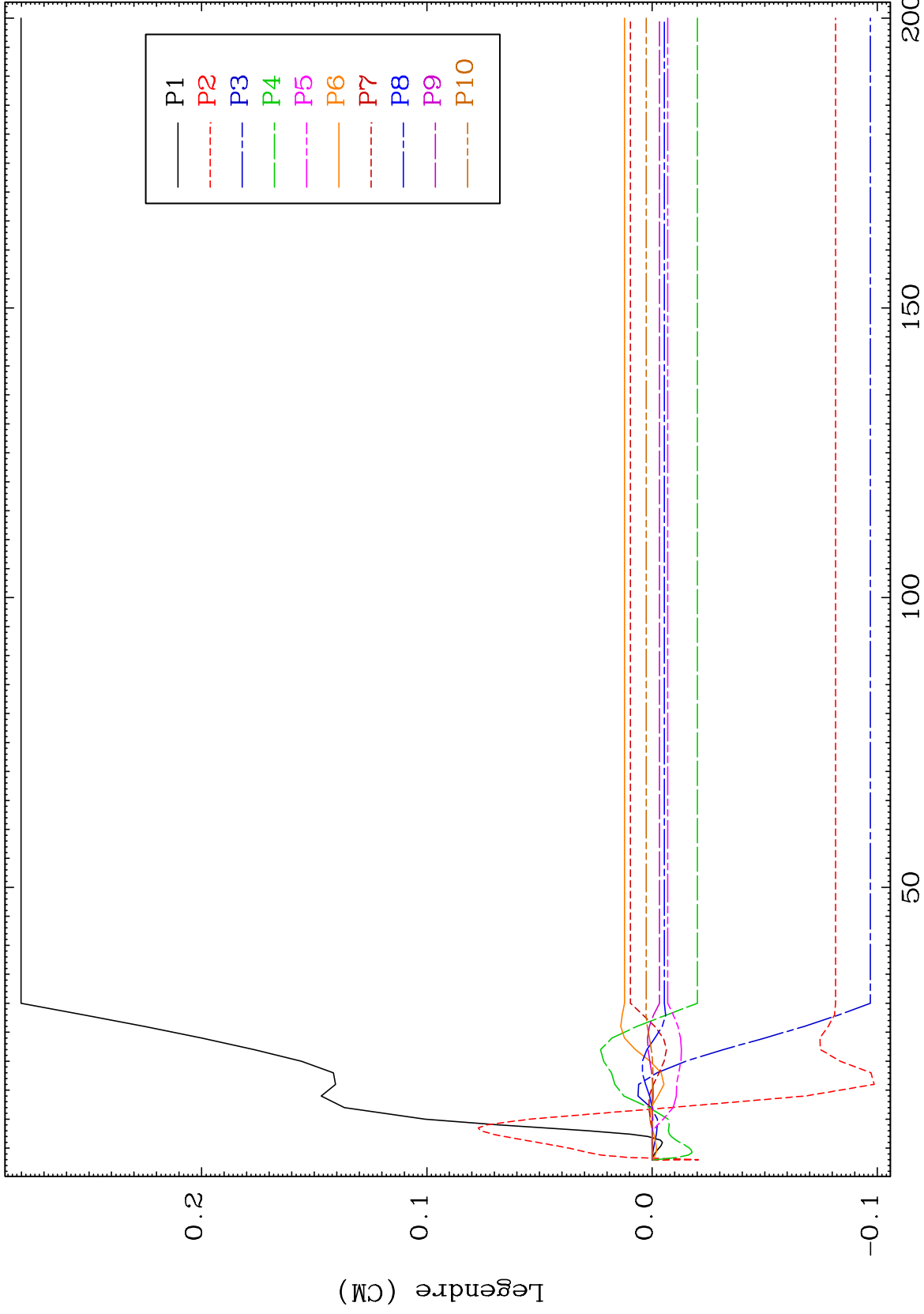
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



100

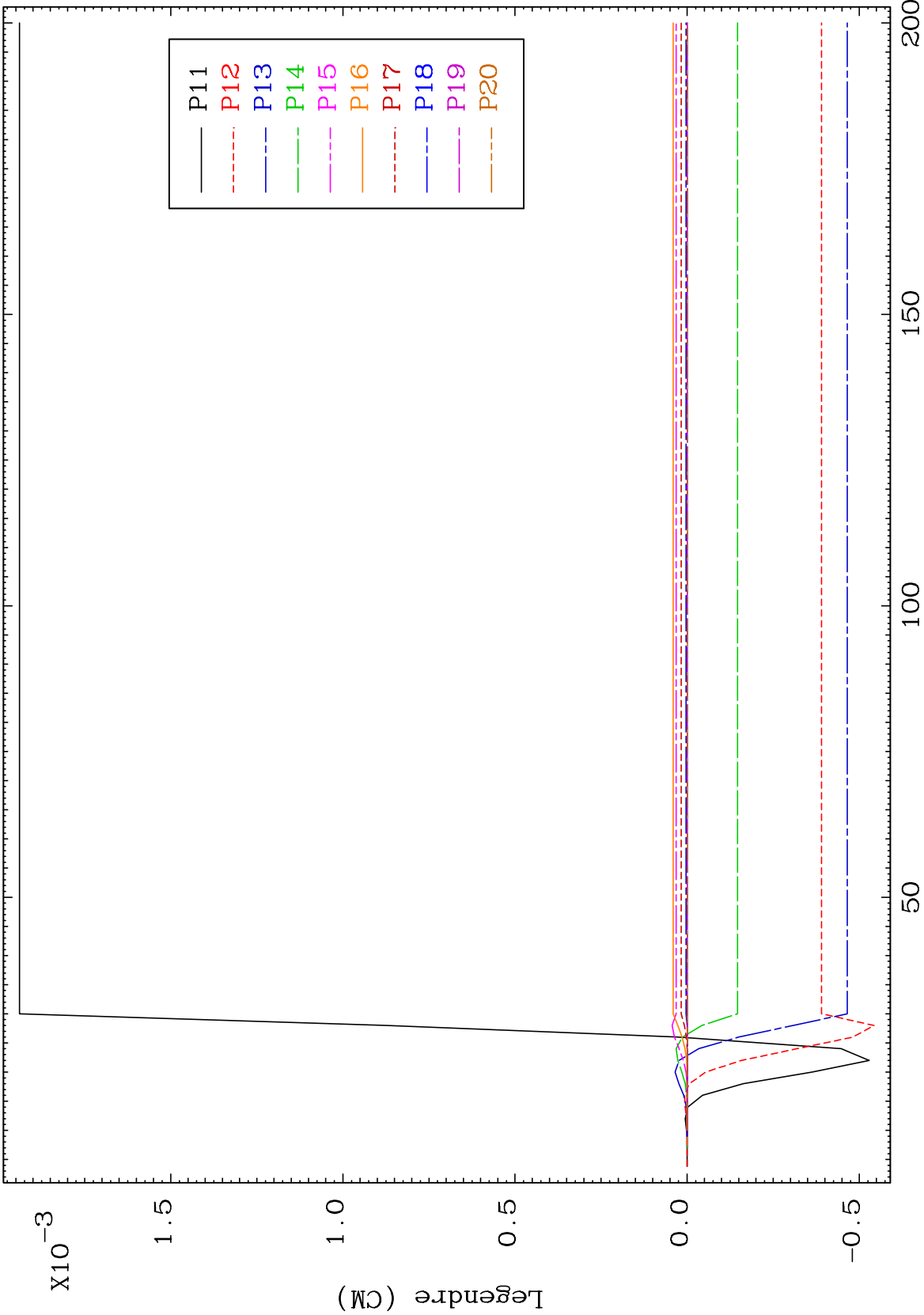
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



101

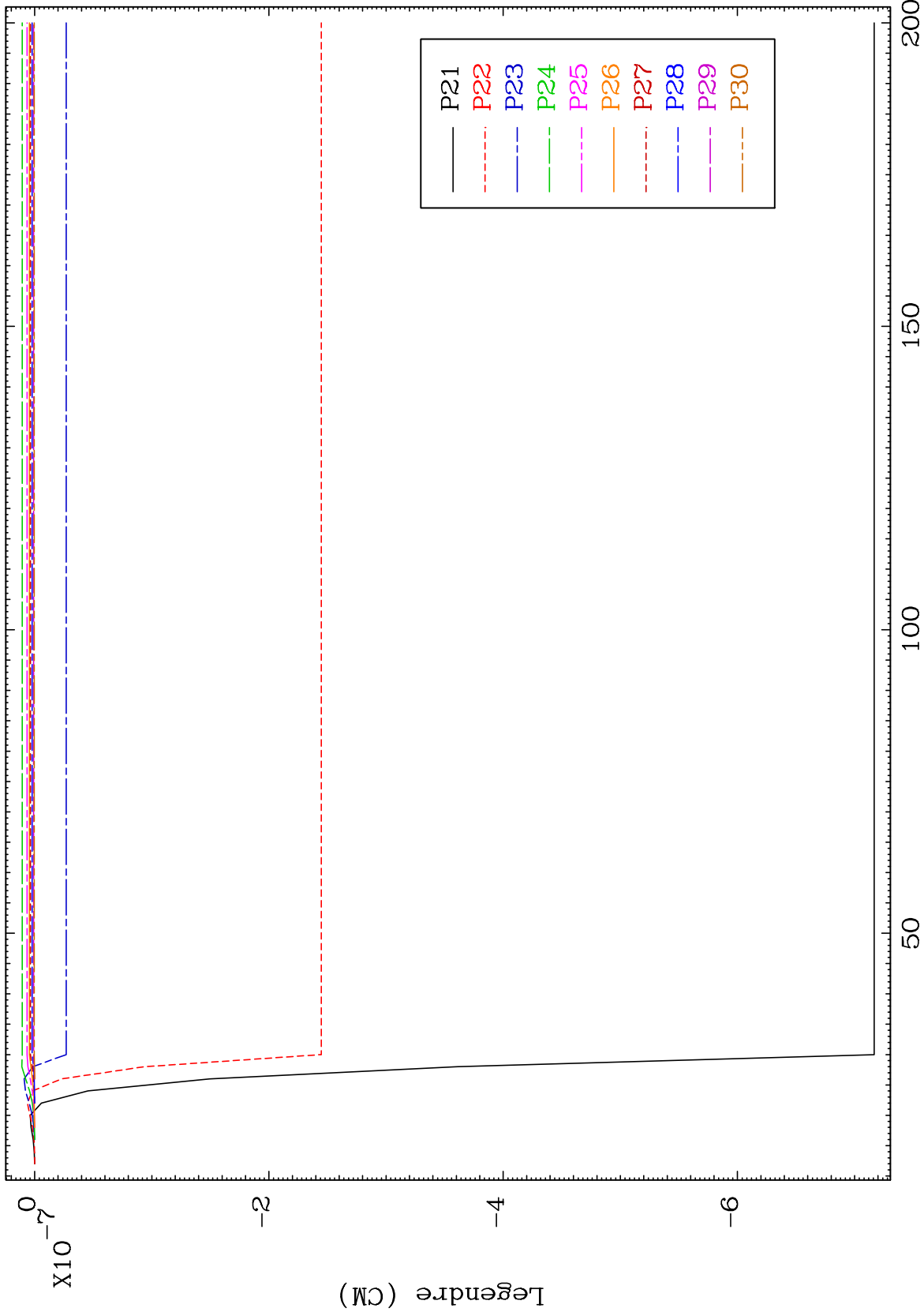
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

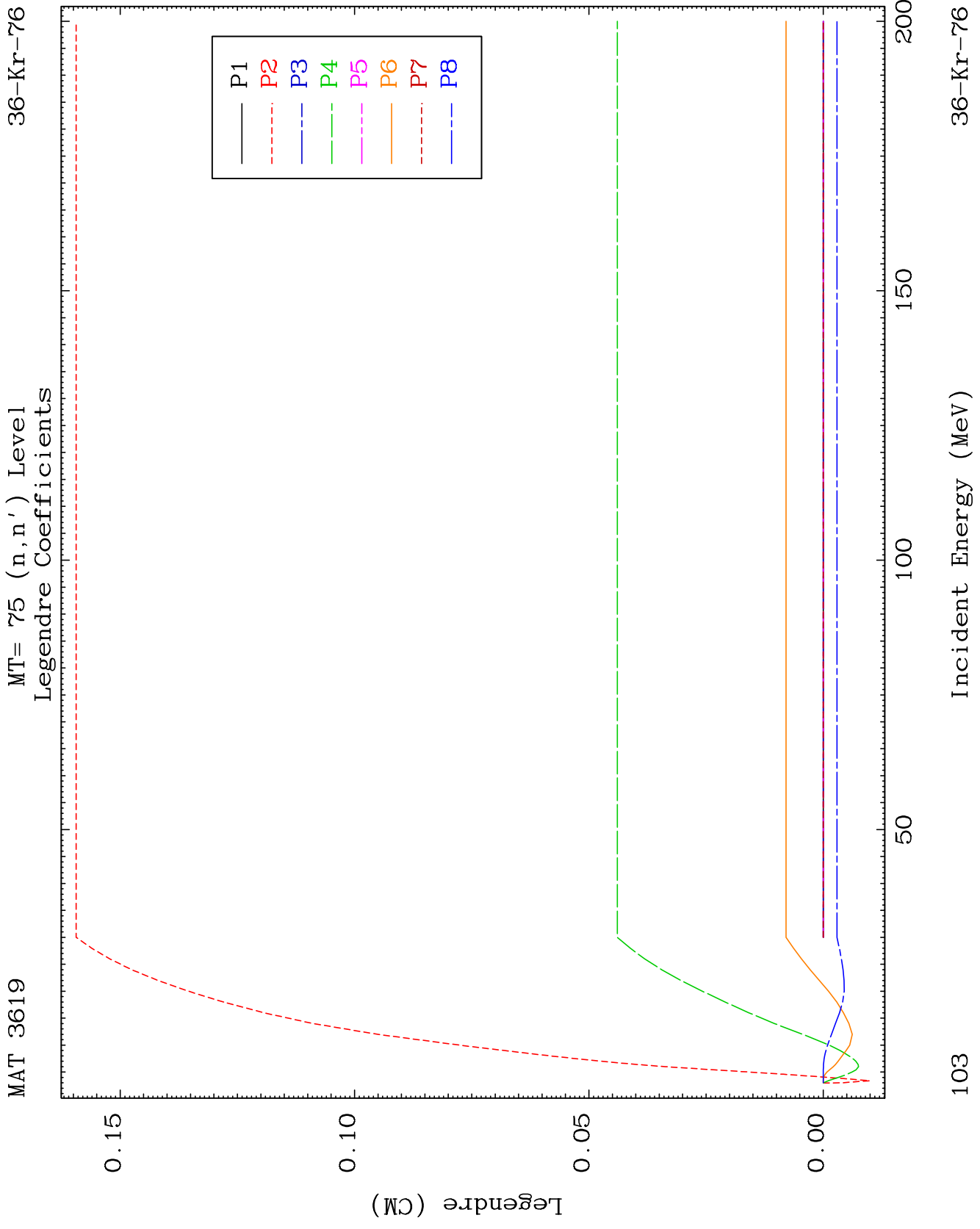
36-Kr-76

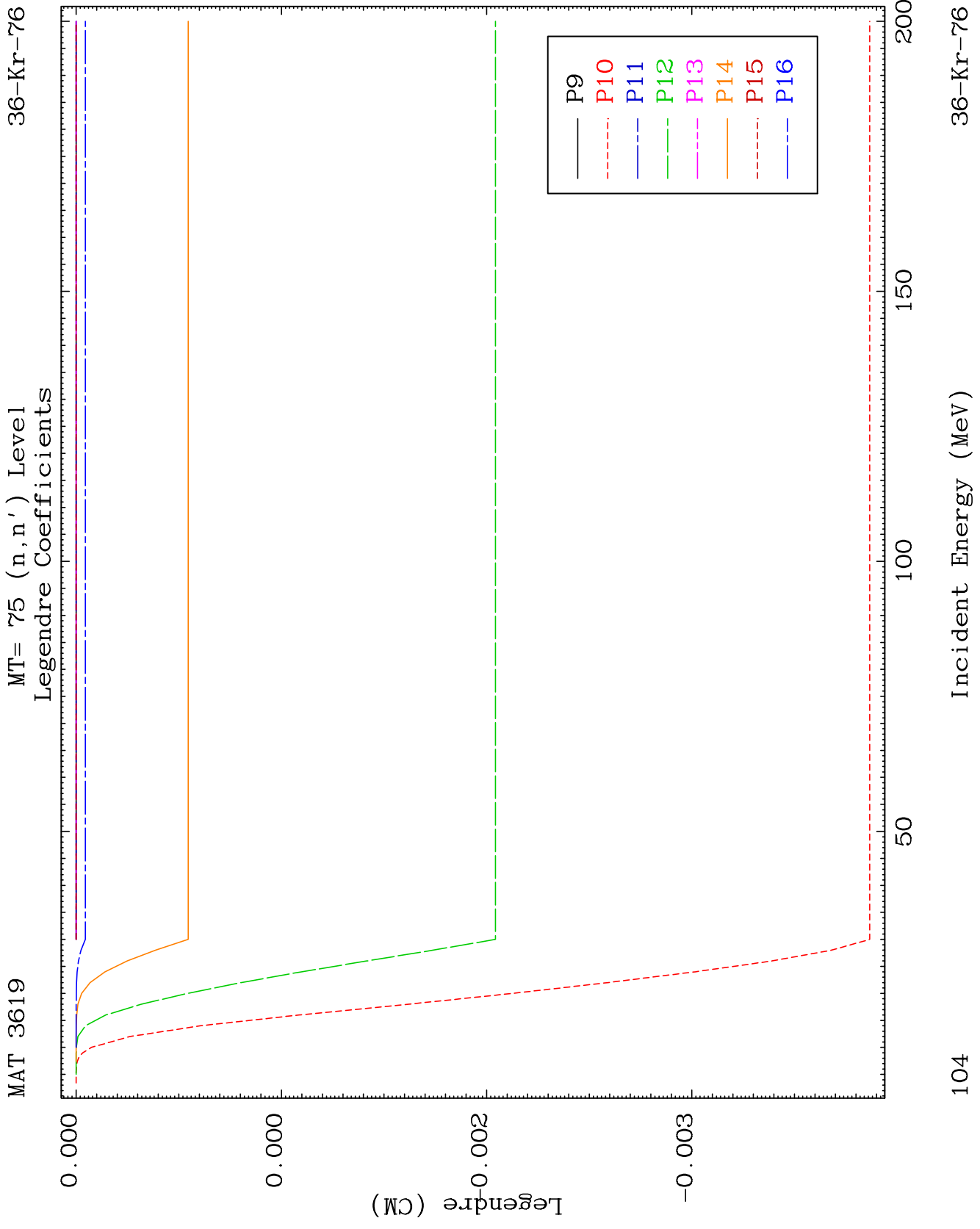


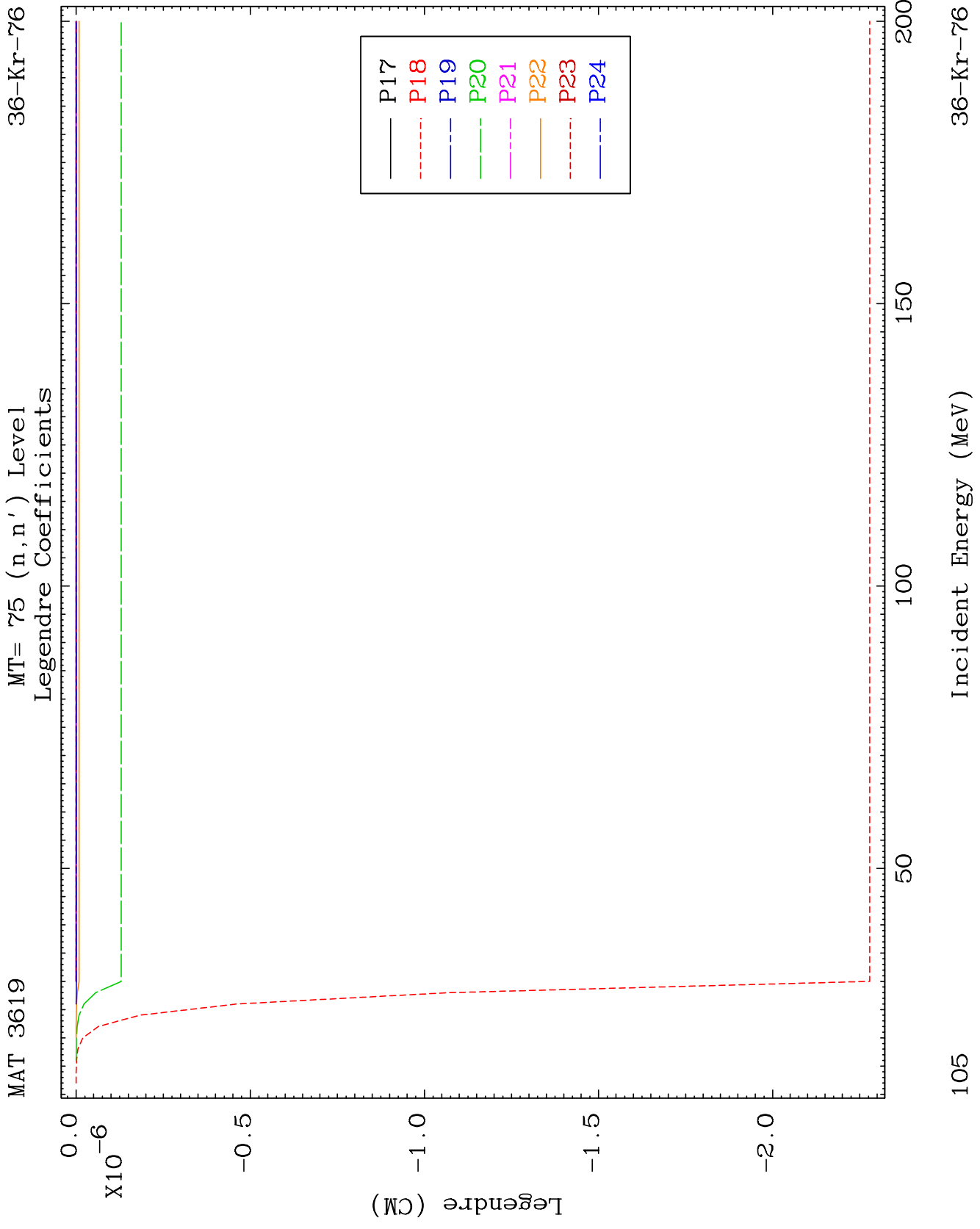
102

Incident Energy (MeV)

36-Kr-76



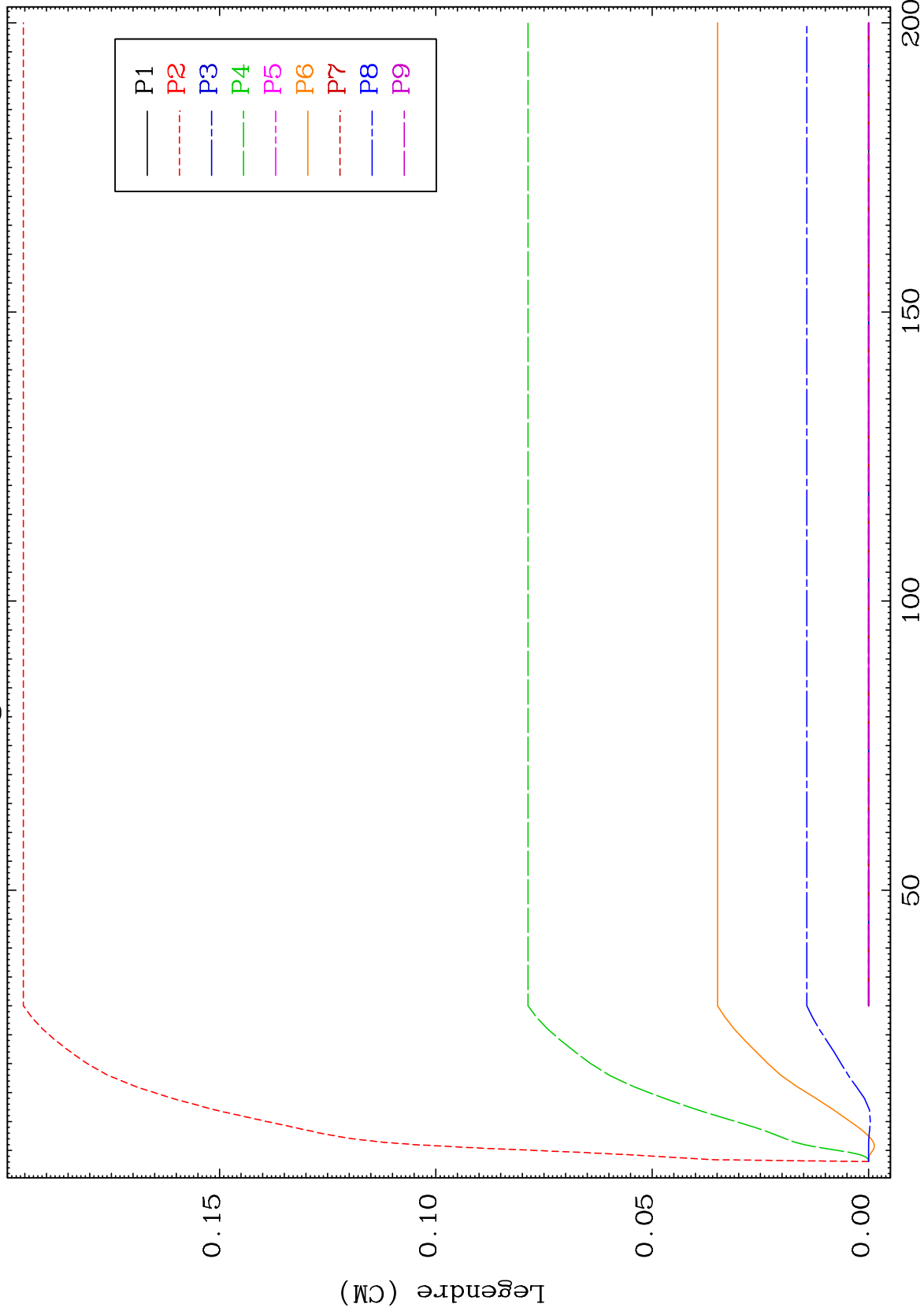




MAT 3619

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

36-Kr-76



106

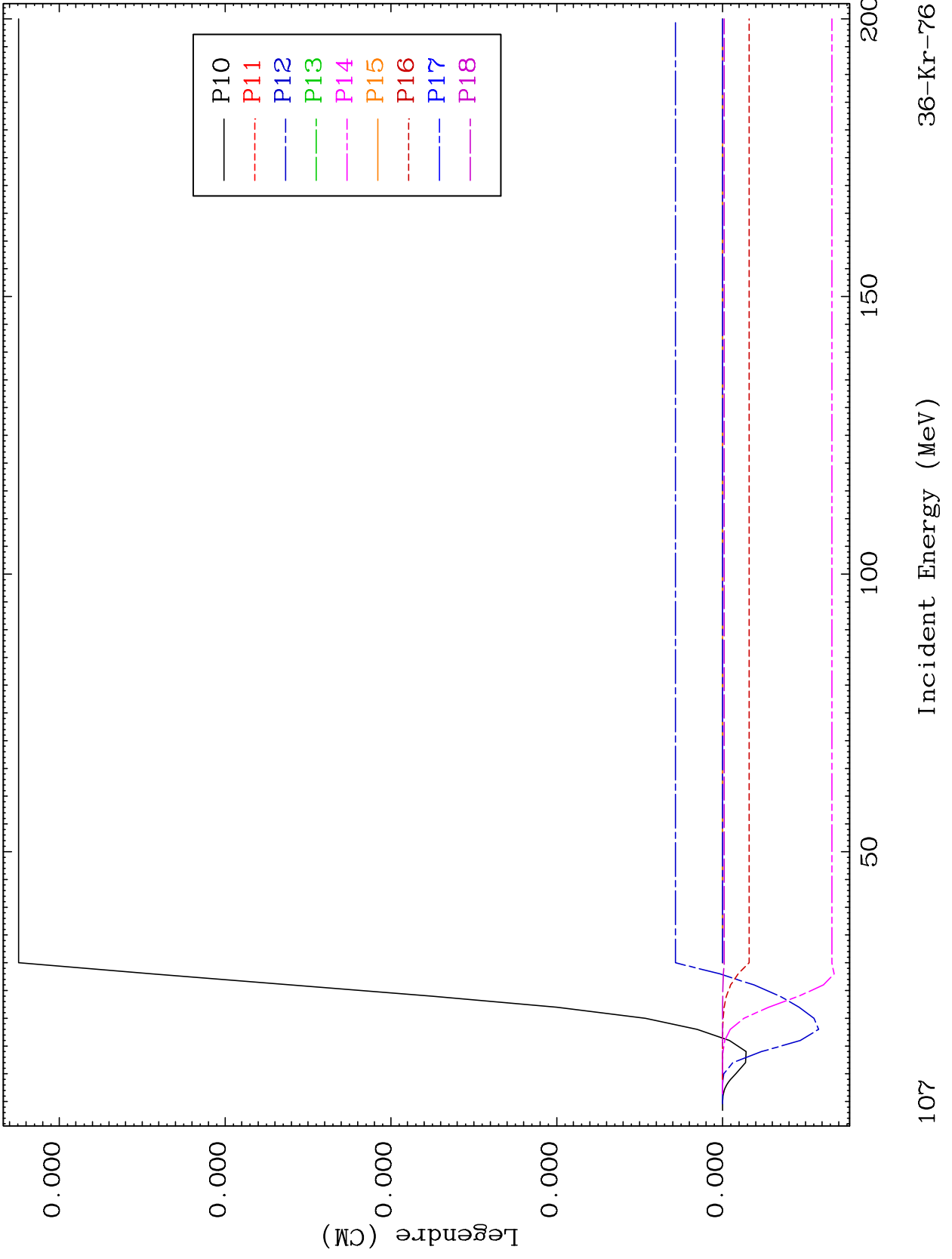
Incident Energy (MeV)

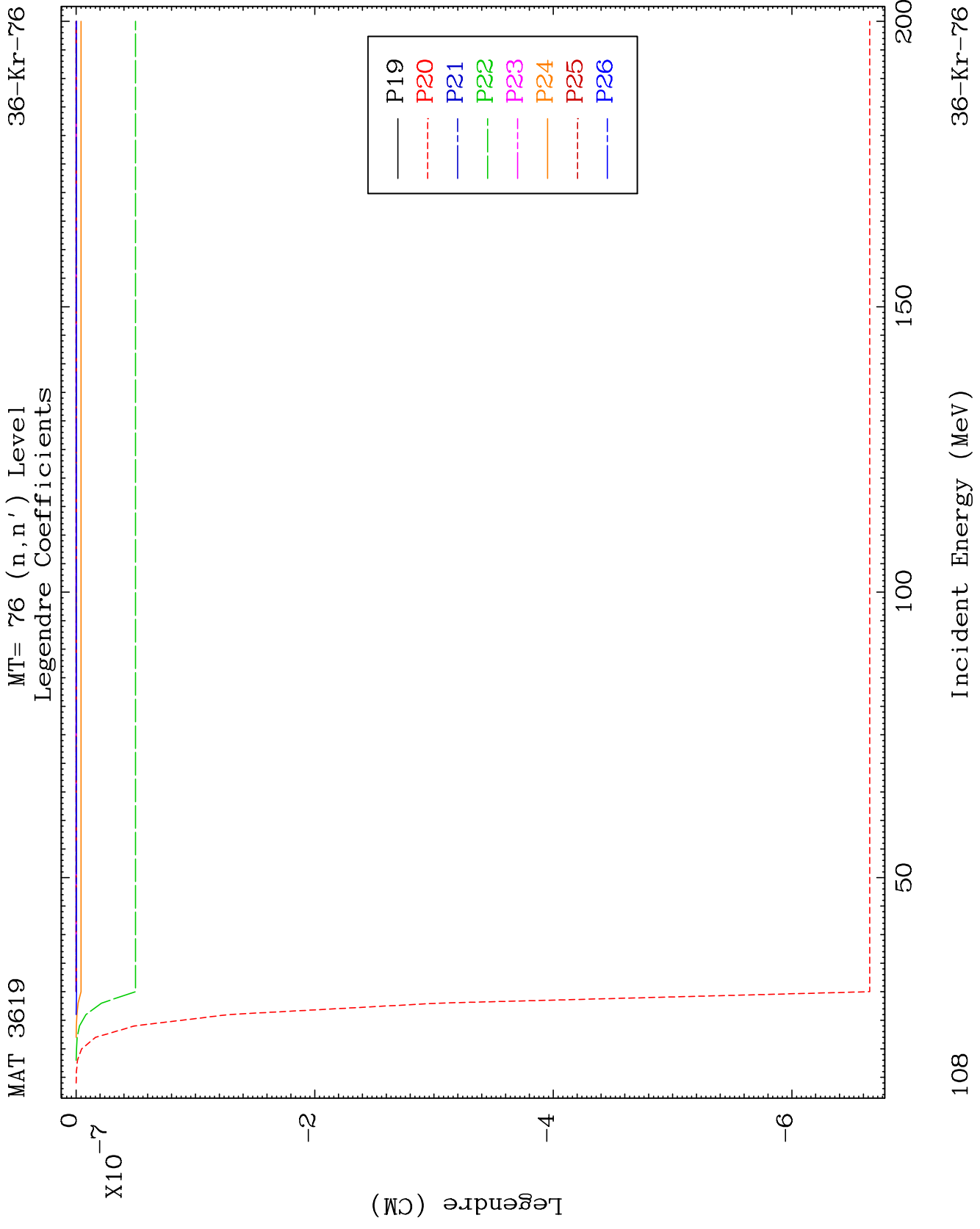
36-Kr-76

MAT 3619

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

36-Kr-76

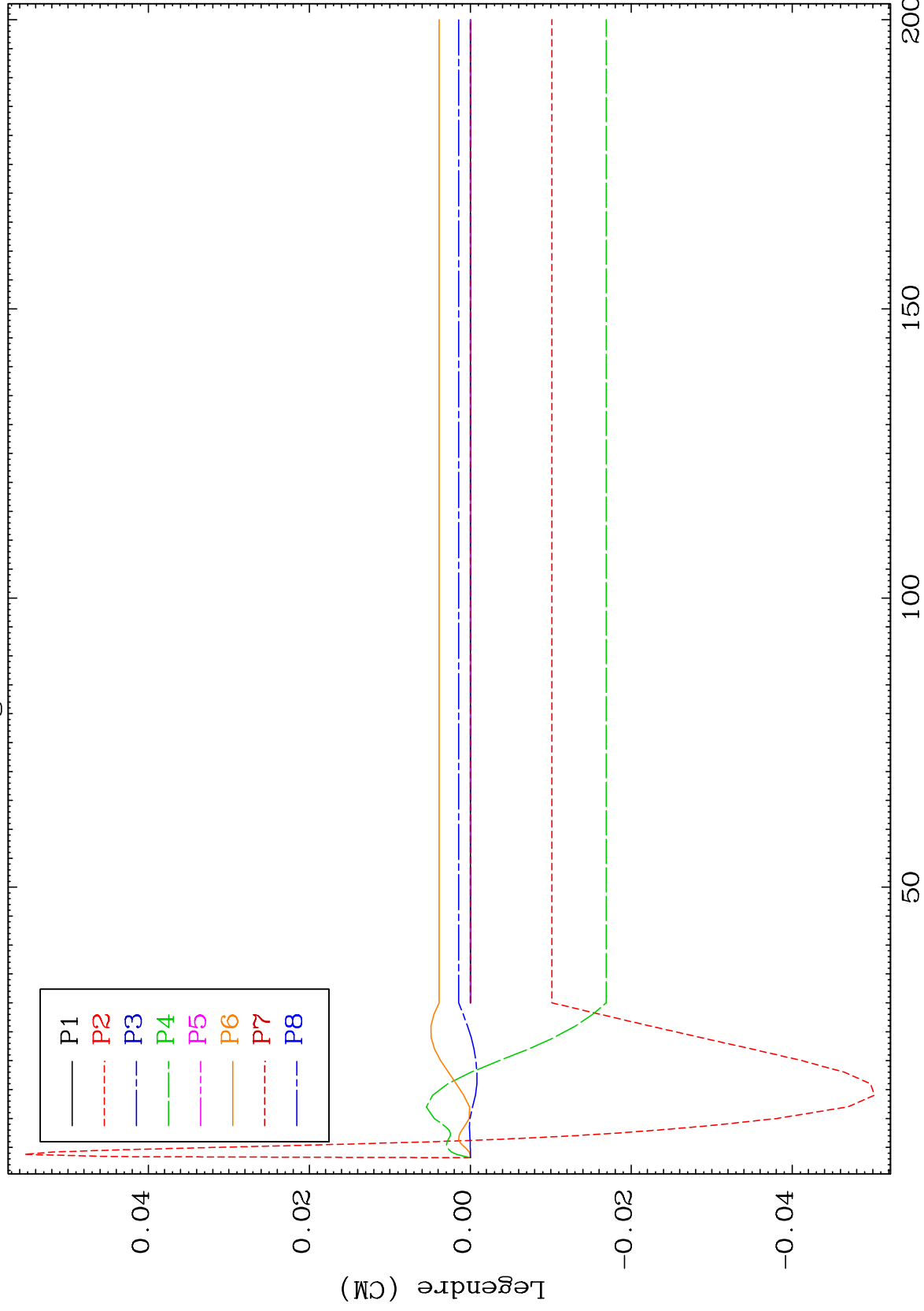




MAT 3619

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

36-Kr-76



109

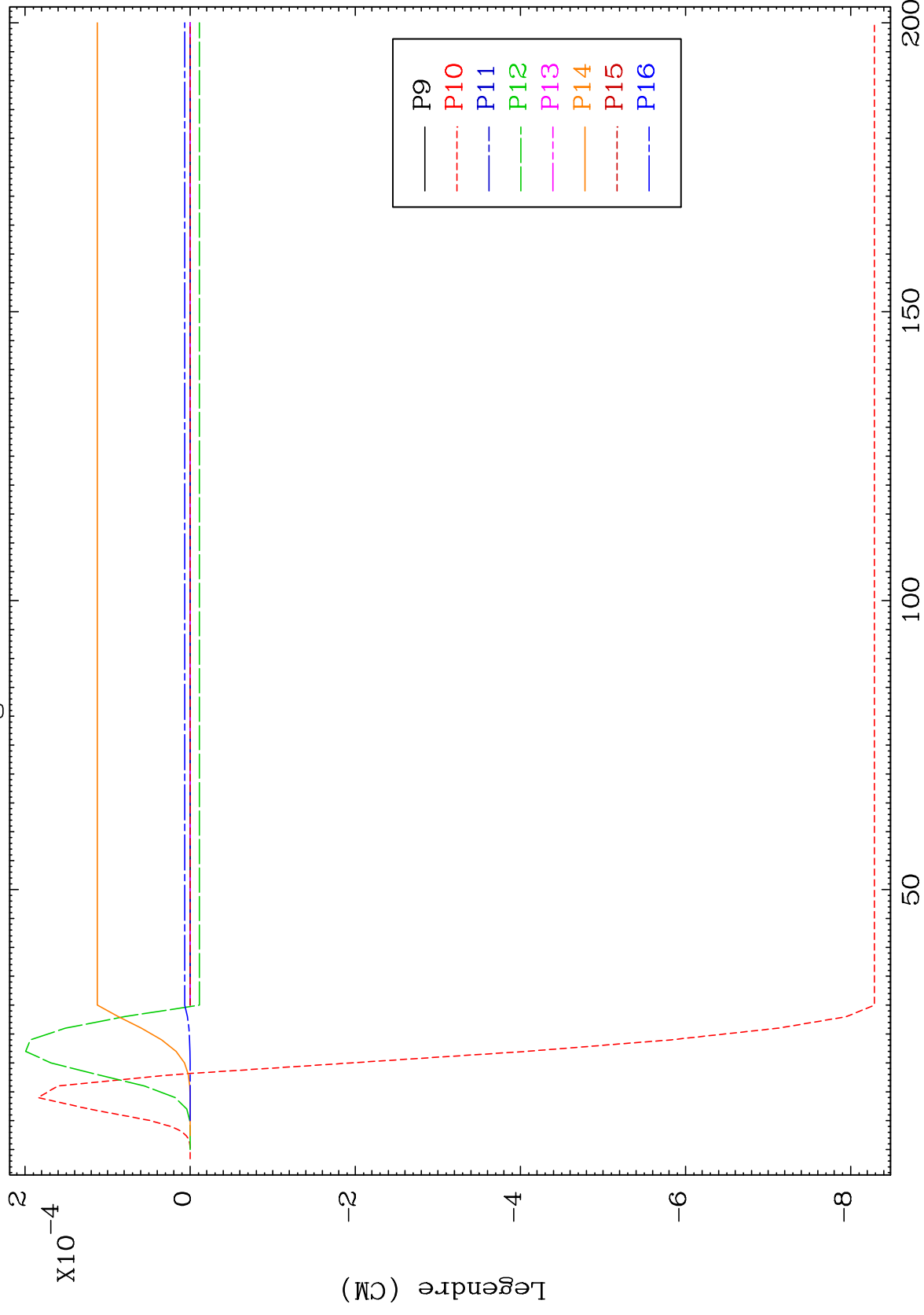
36-Kr-76

36-Kr-76

MAT 3619

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

36-Kr-76



110

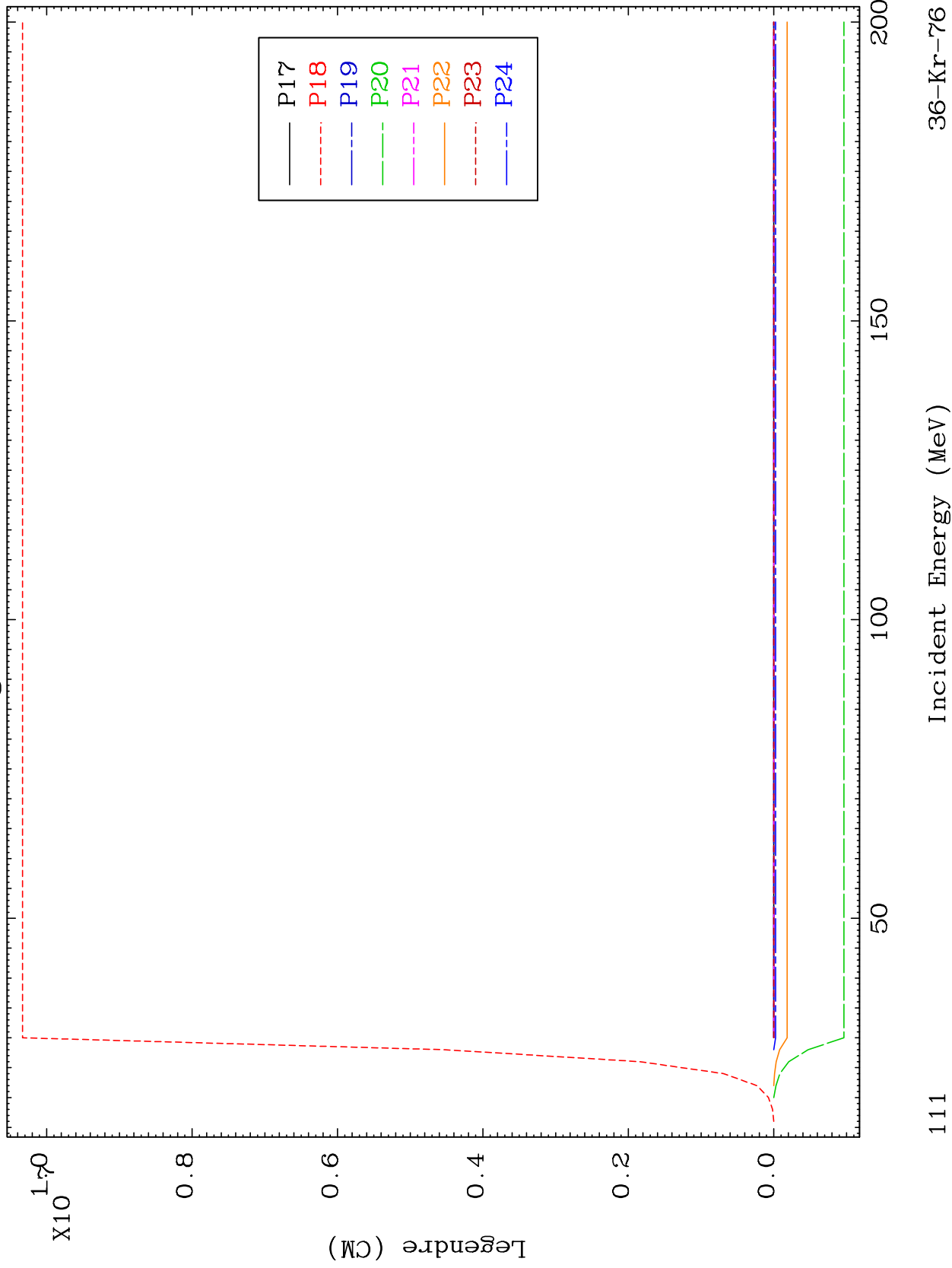
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76

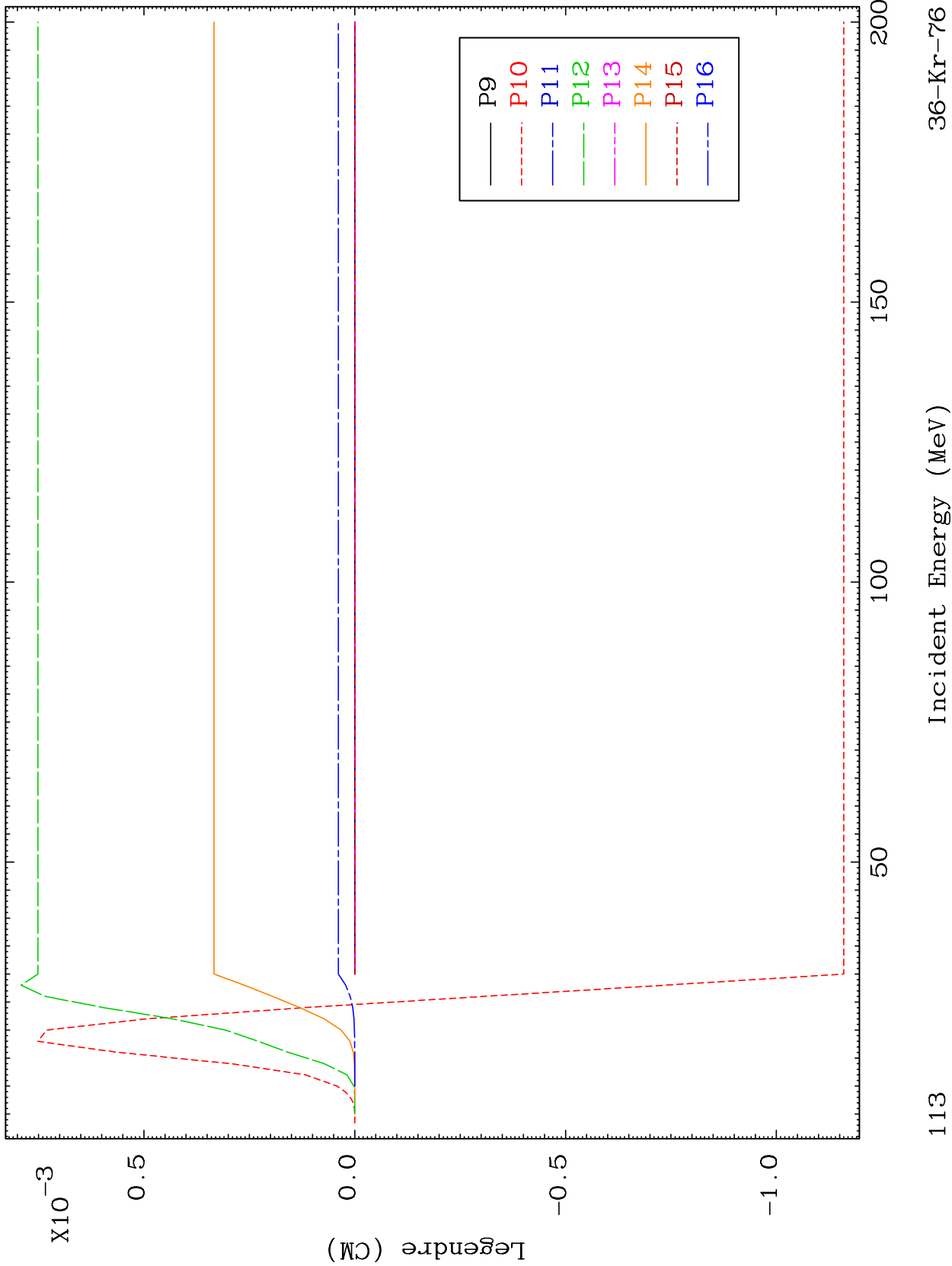


111

MAT 3619

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

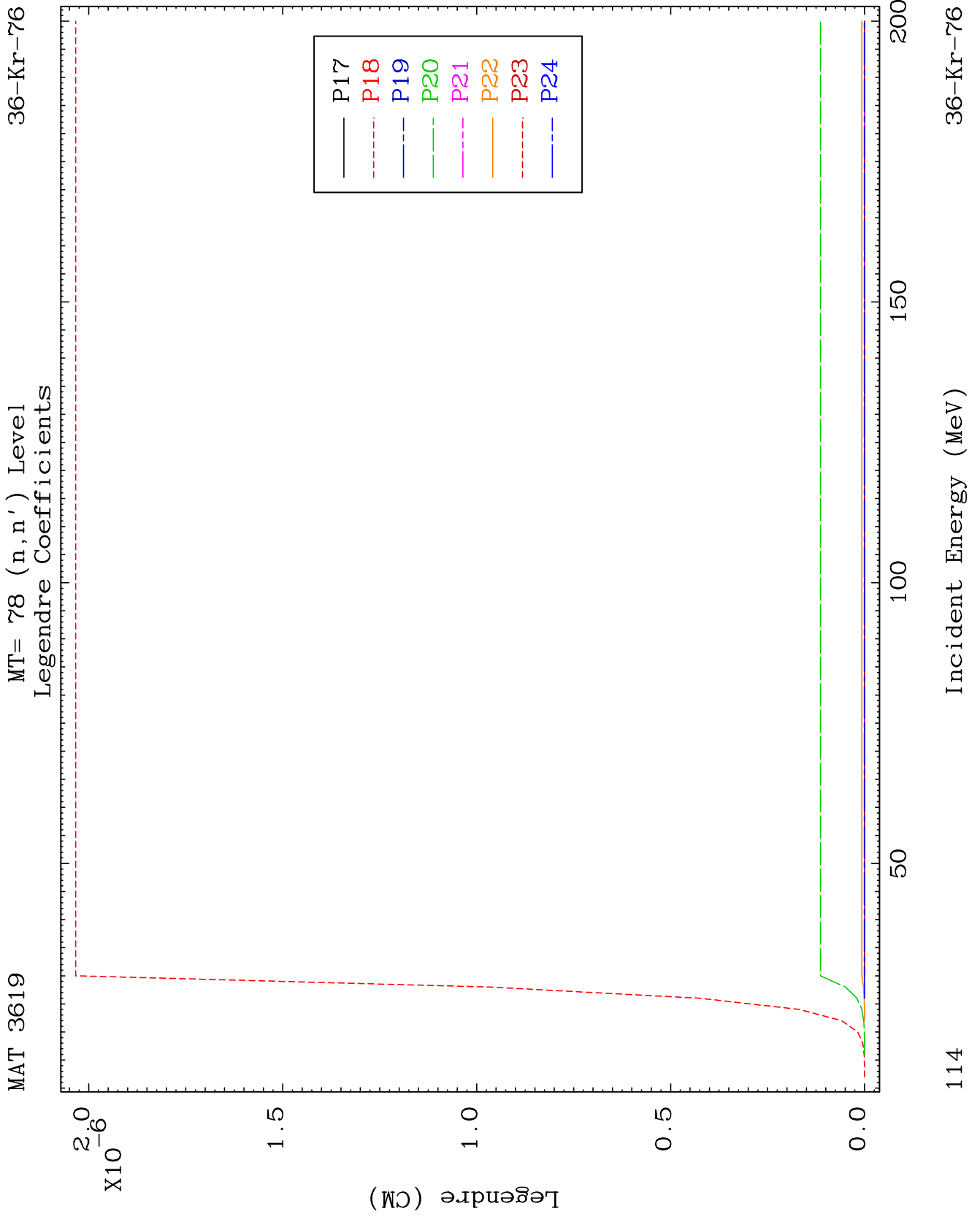
36-Kr-76



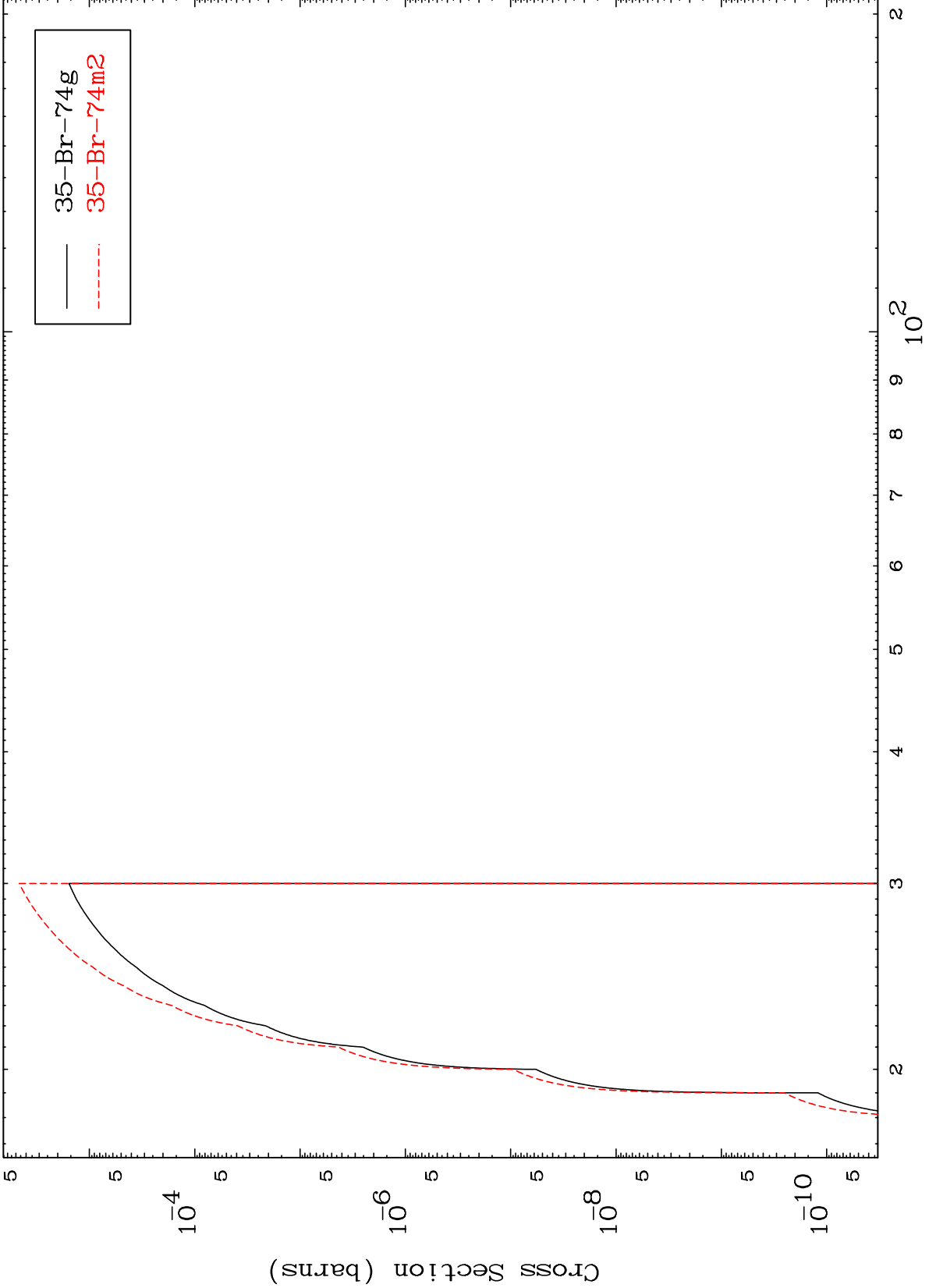
113

Incident Energy (MeV)

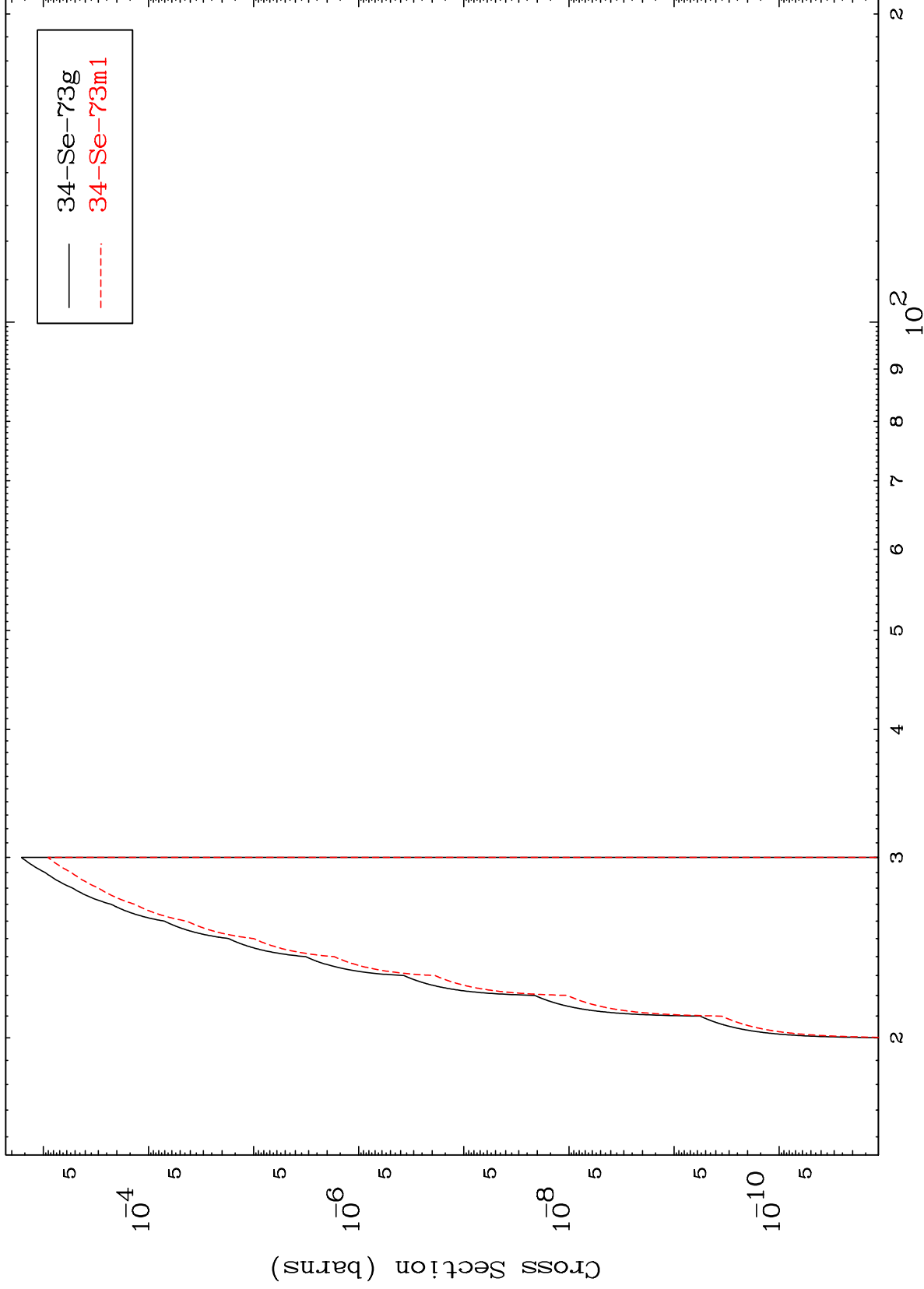
36-Kr-76



Radionuclide Production Cross Section



Radionuclide Production Cross Section

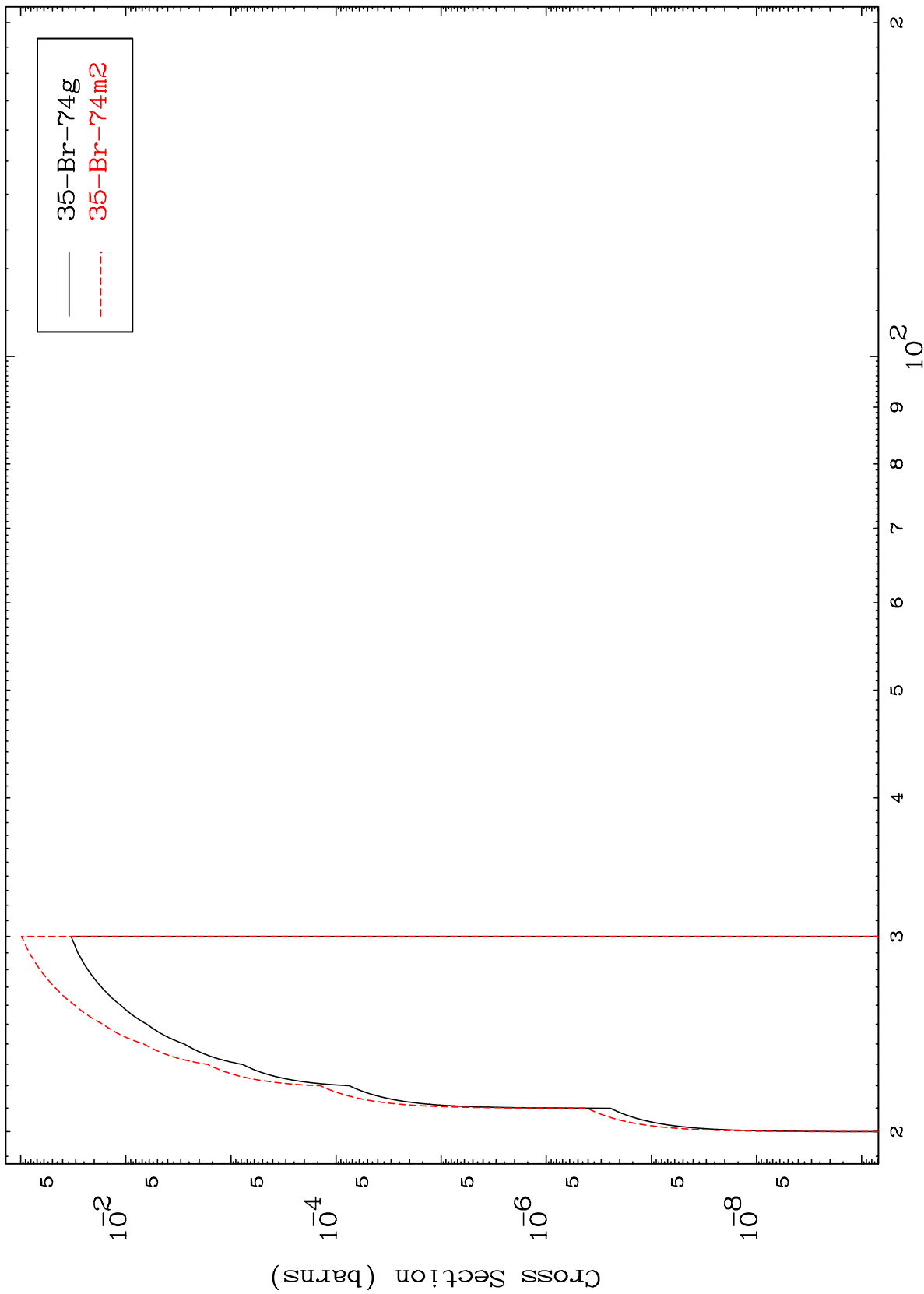


MAT 3619

(n,2n) p

36-Kr-76

Radionuclide Production Cross Section



117

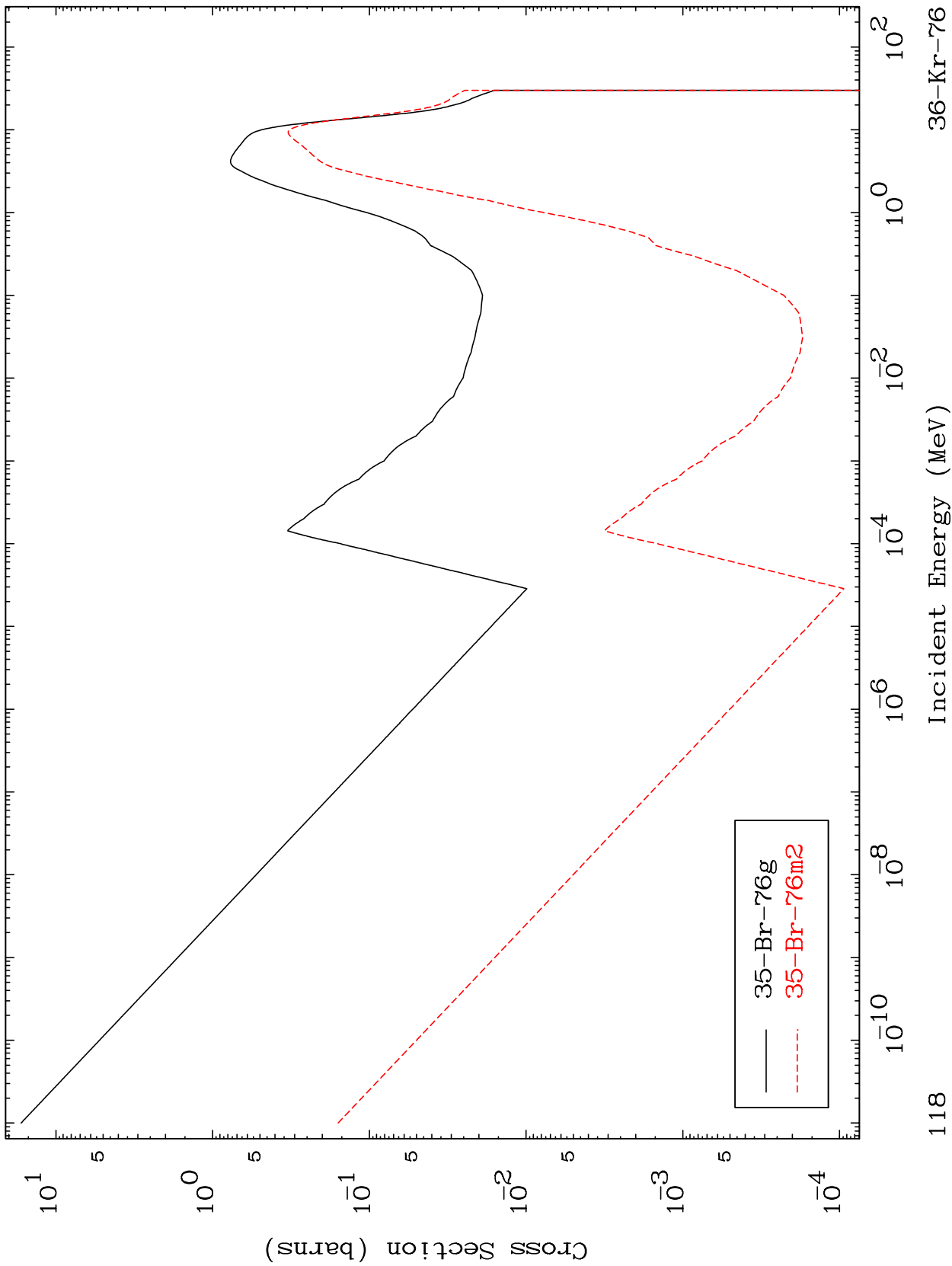
Incident Energy (MeV)

36-Kr-76

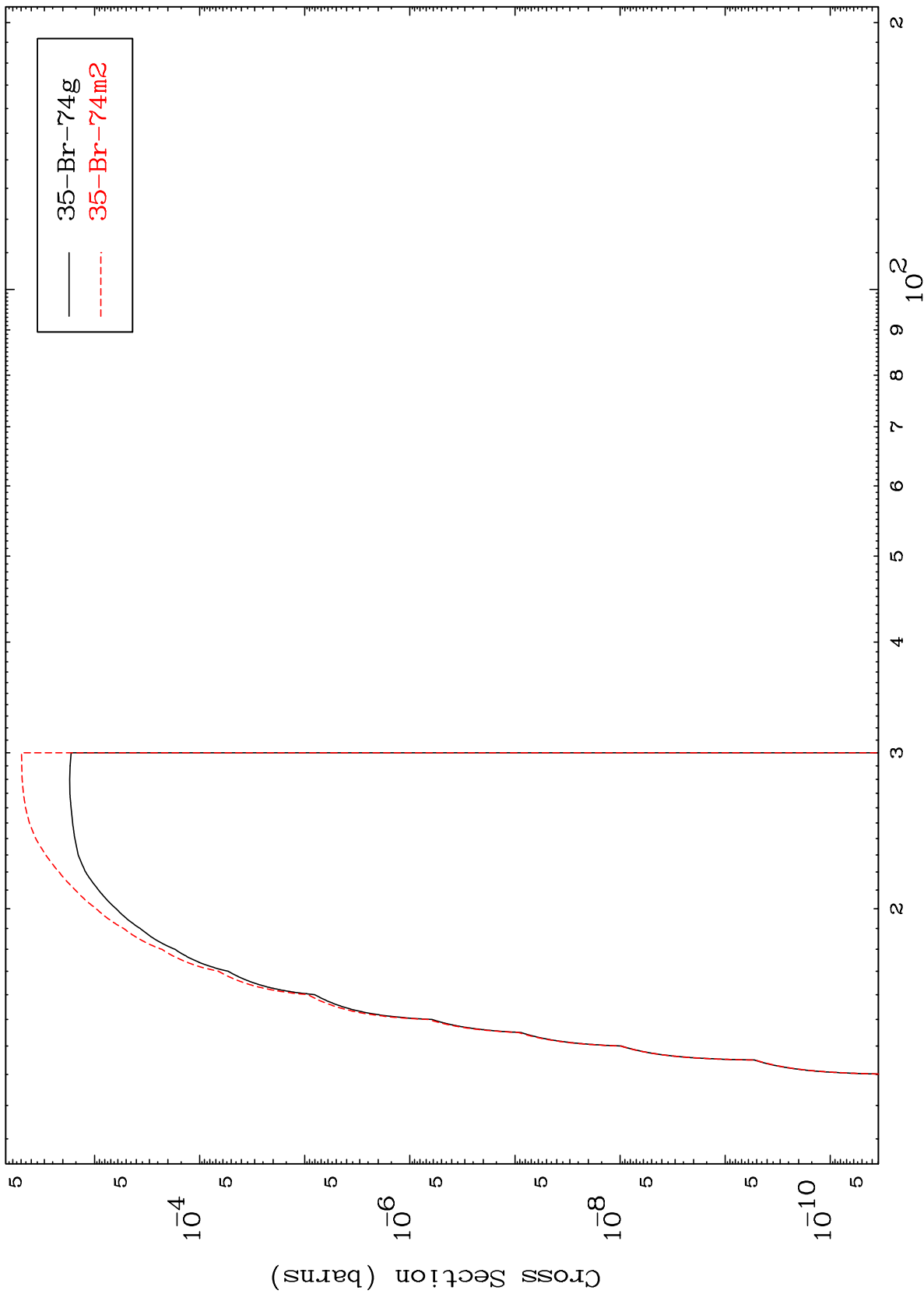
MAT 3619

36-Kr-76

Radionuclide Production Cross Section
(n,p)



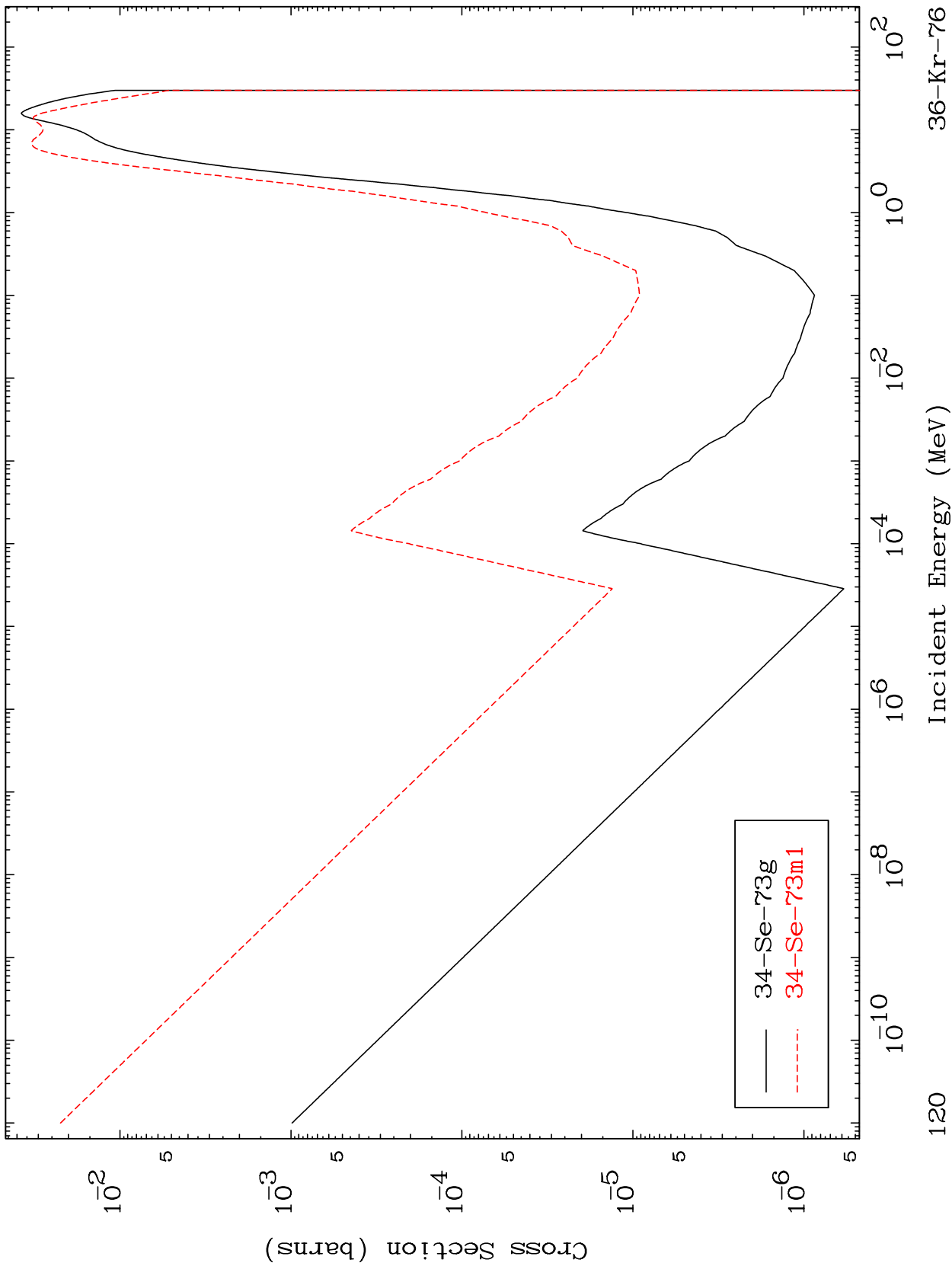
(n, t)
Radionuclide Production Cross Section



MAT 3619

36-Kr-76

Radionuclide Production Cross Section
(n, α)

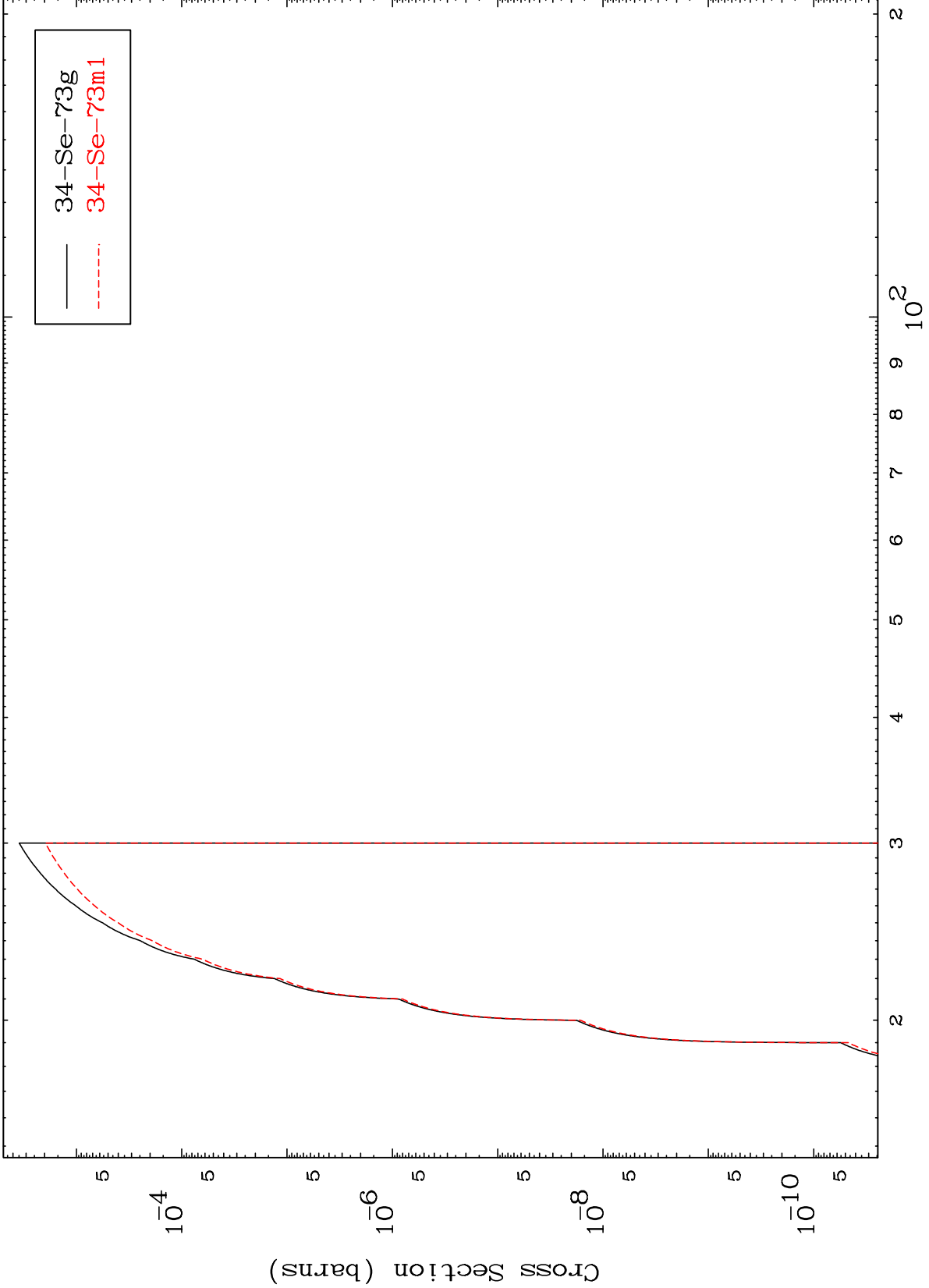


MAT 3619

(n,p) t

36-Kr-76

Radionuclide Production Cross Section



121

Incident Energy (MeV)

36-Kr-76