

Program EVALPLOT
(Version 2021-1)

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

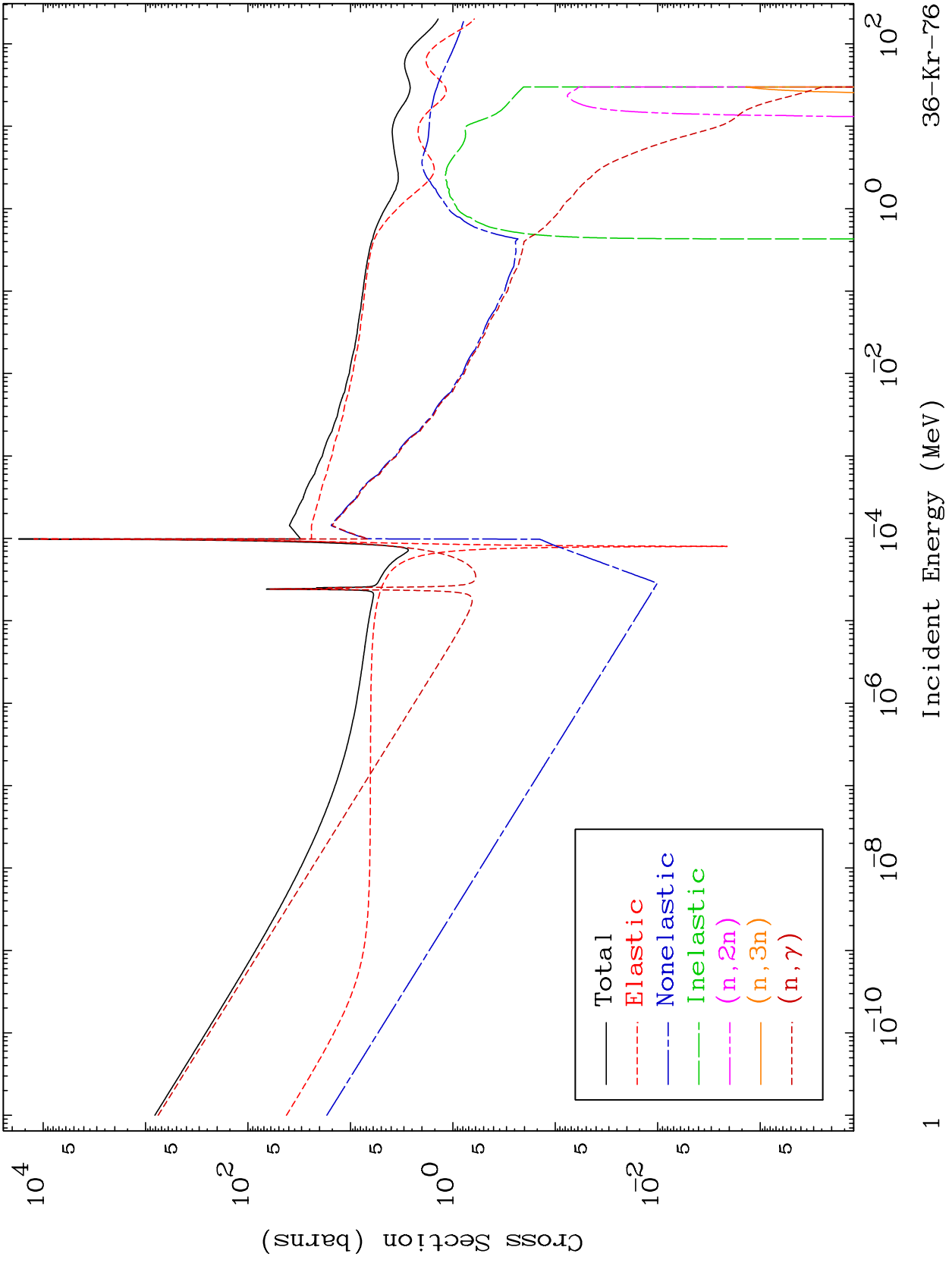
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Press Mouse Button to Start

MAT 3619

Neutron Major
293 Kelvin Cross Sections

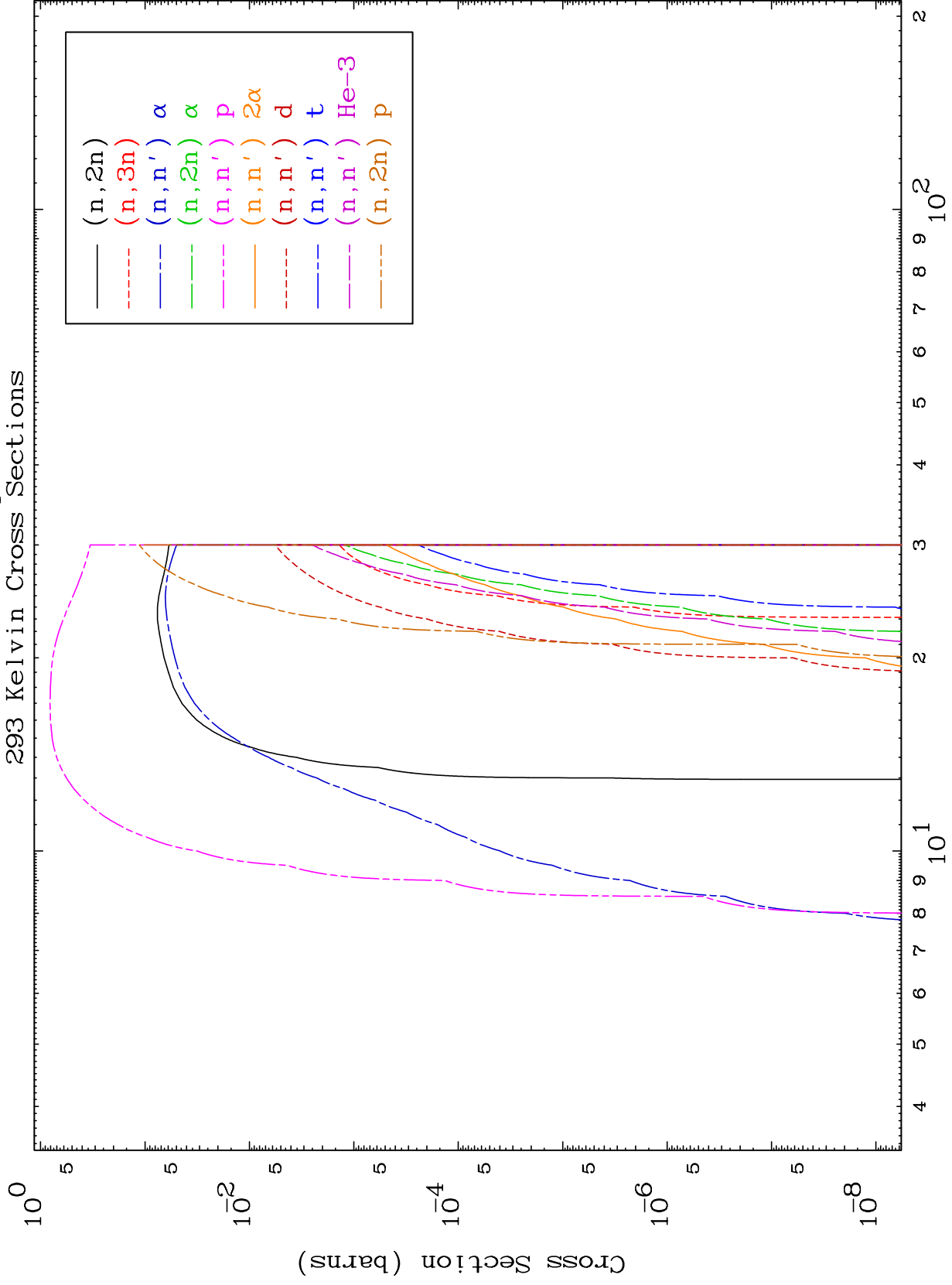
36-Kr-76



MAT 3619

Neutron Absorption
293 Kelvin Cross Sections

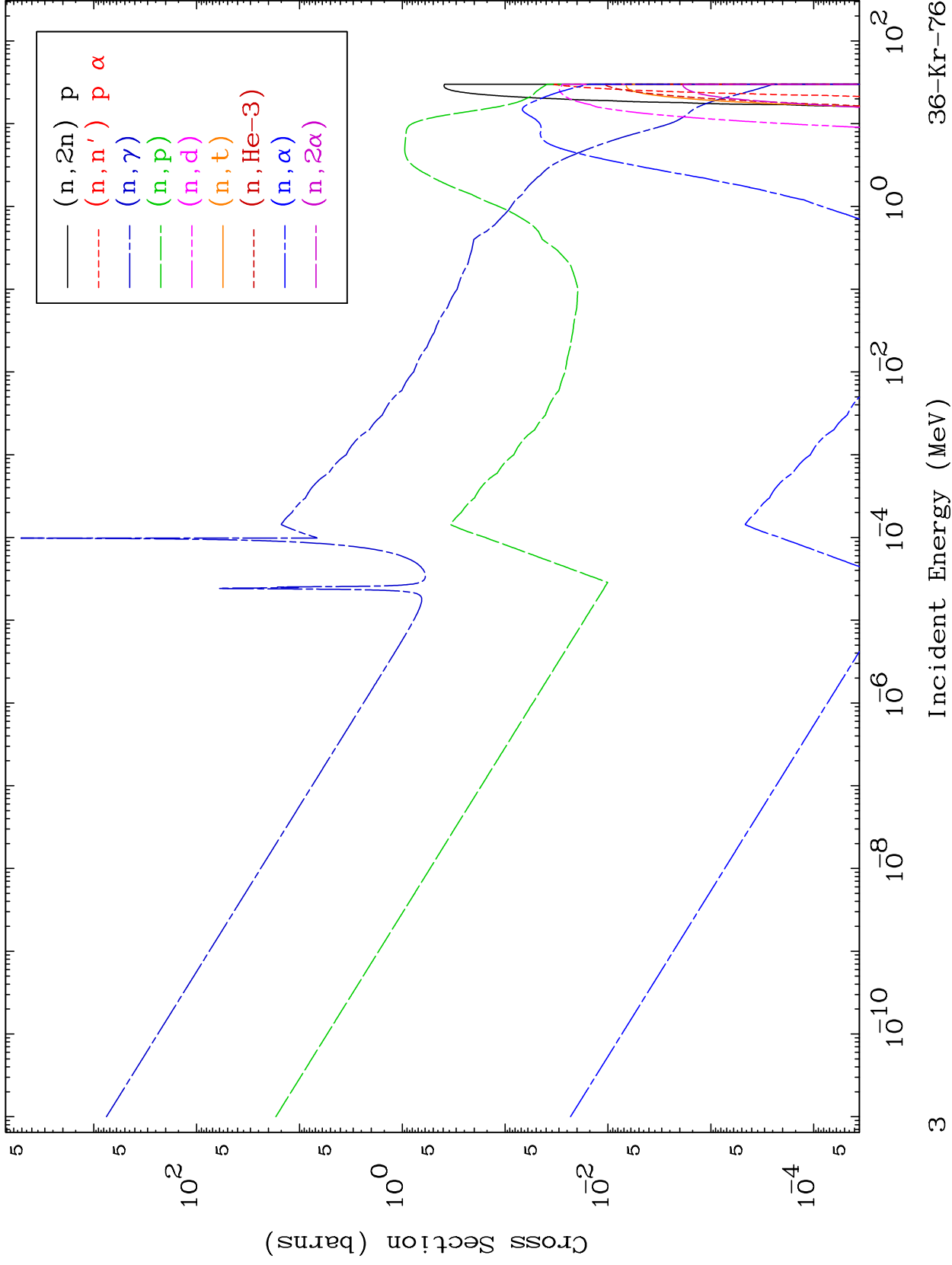
36-Kr-76

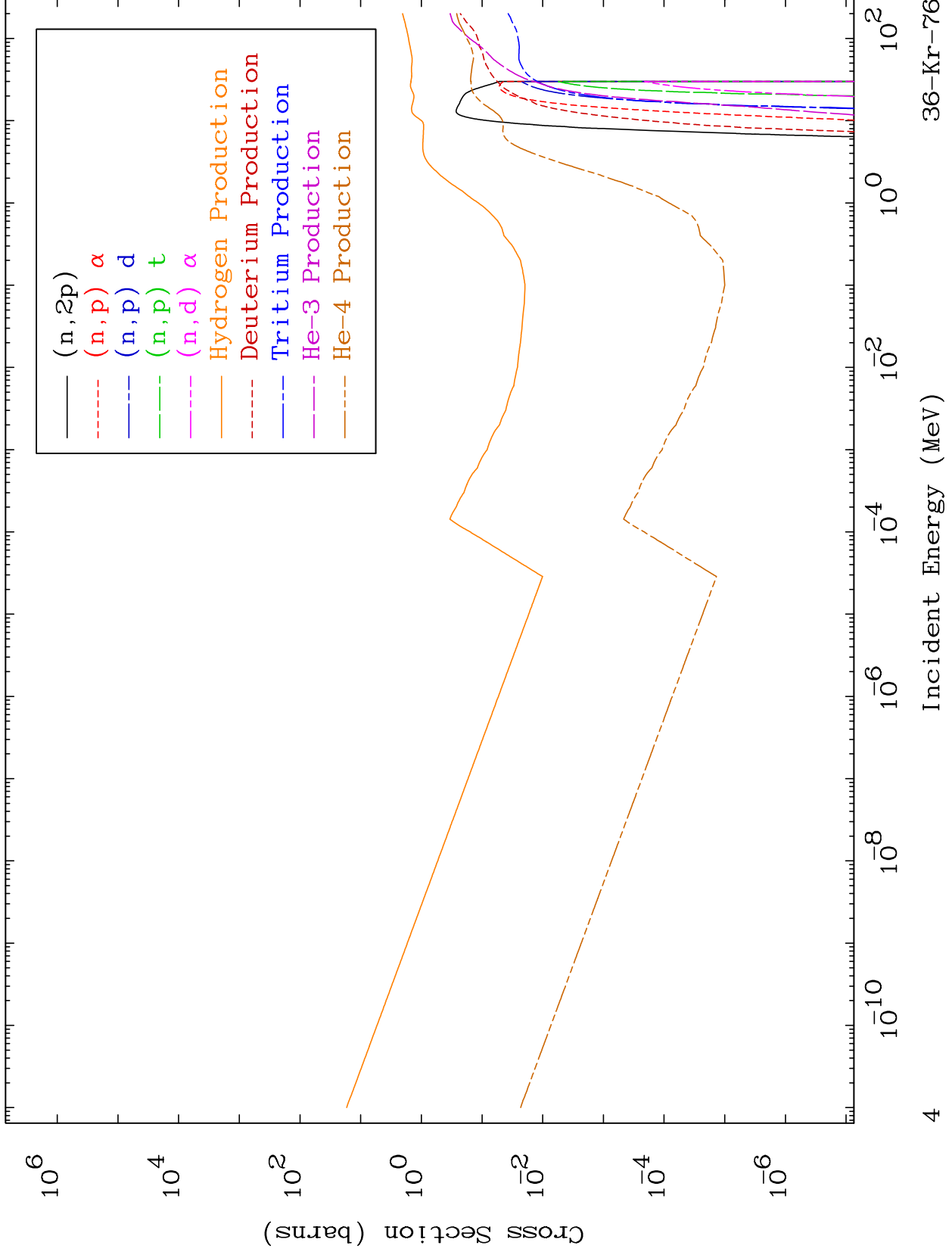


2

Incident Energy (MeV)

36-Kr-76

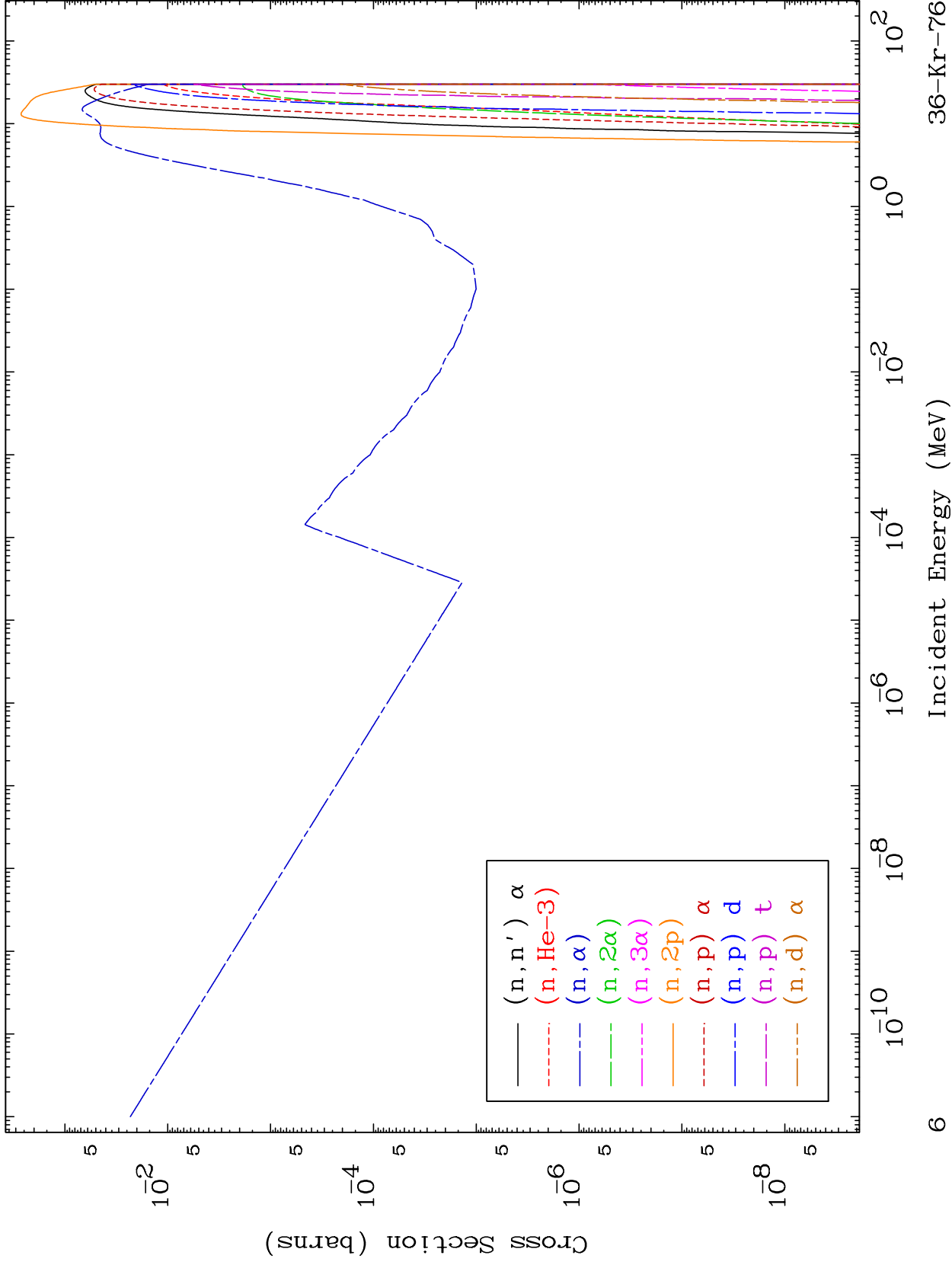




MAT 3619

Charged Particle
293 Kelvin Cross Sections

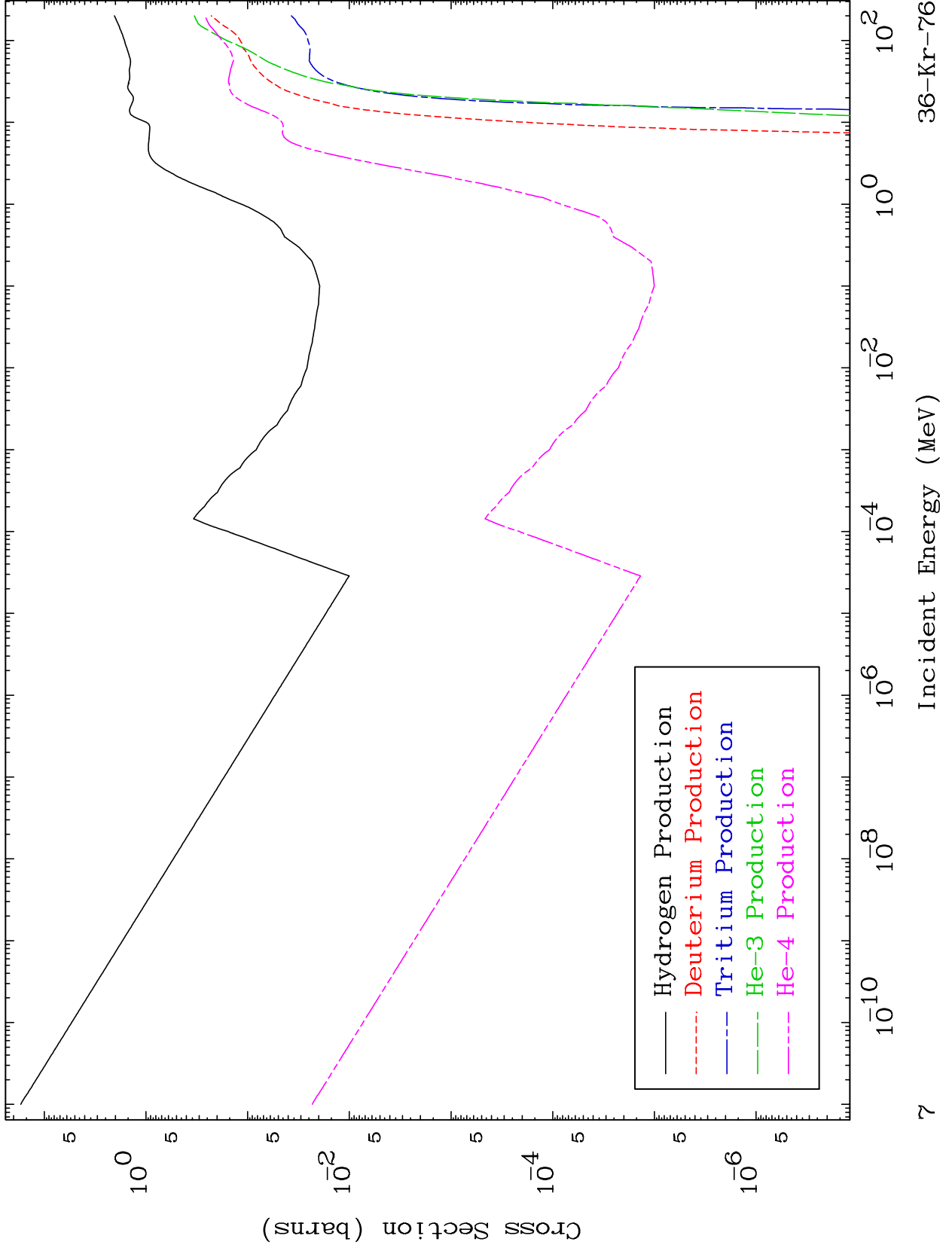
36-Kr-76



MAT 3619

Particle Production
293 Kelvin Cross Sections

36-Kr-76

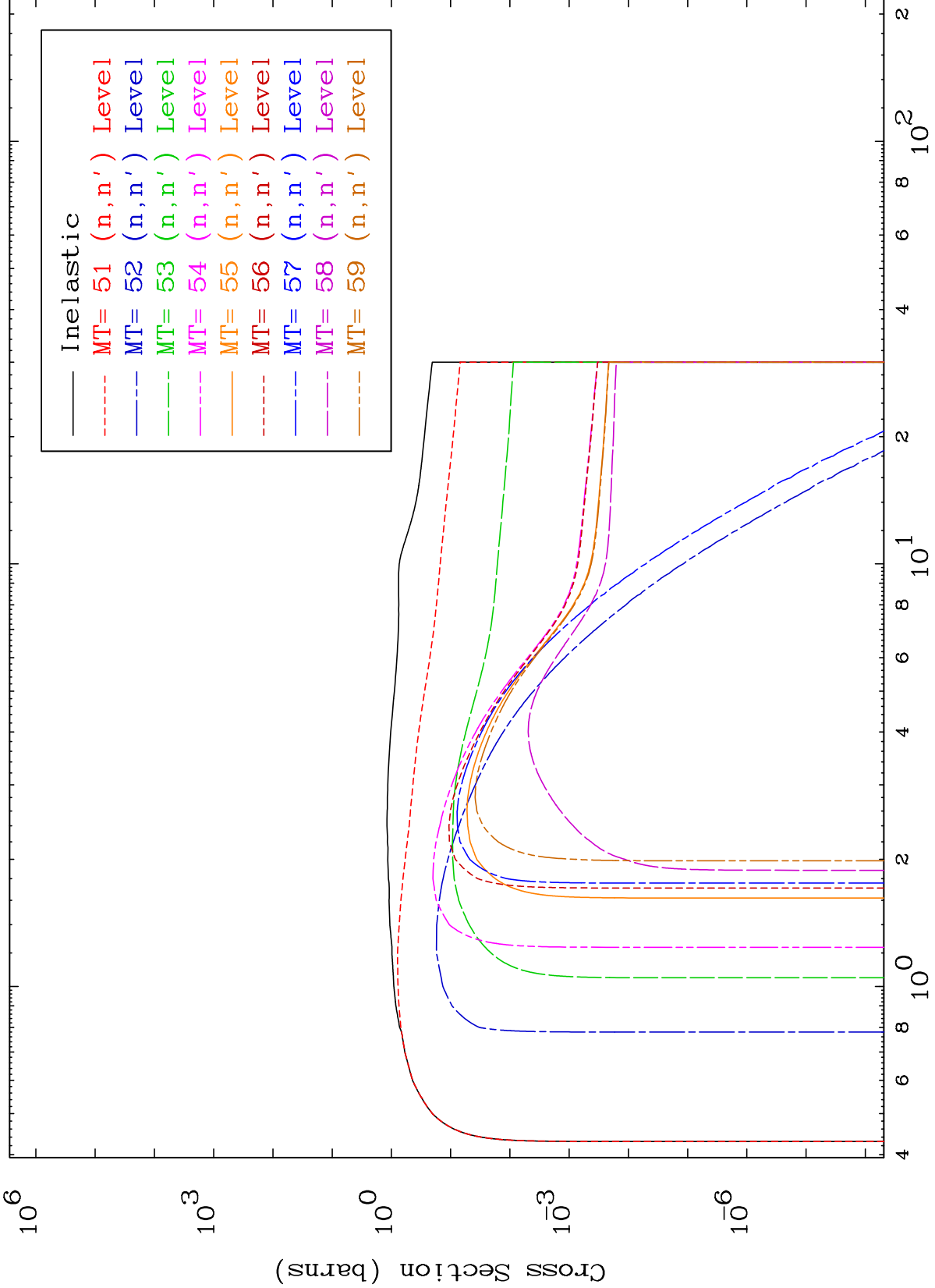


MAT 3619

(n,n') Levels

36-Kr-76

293 Kelvin Cross Sections



8

Incident Energy (MeV)

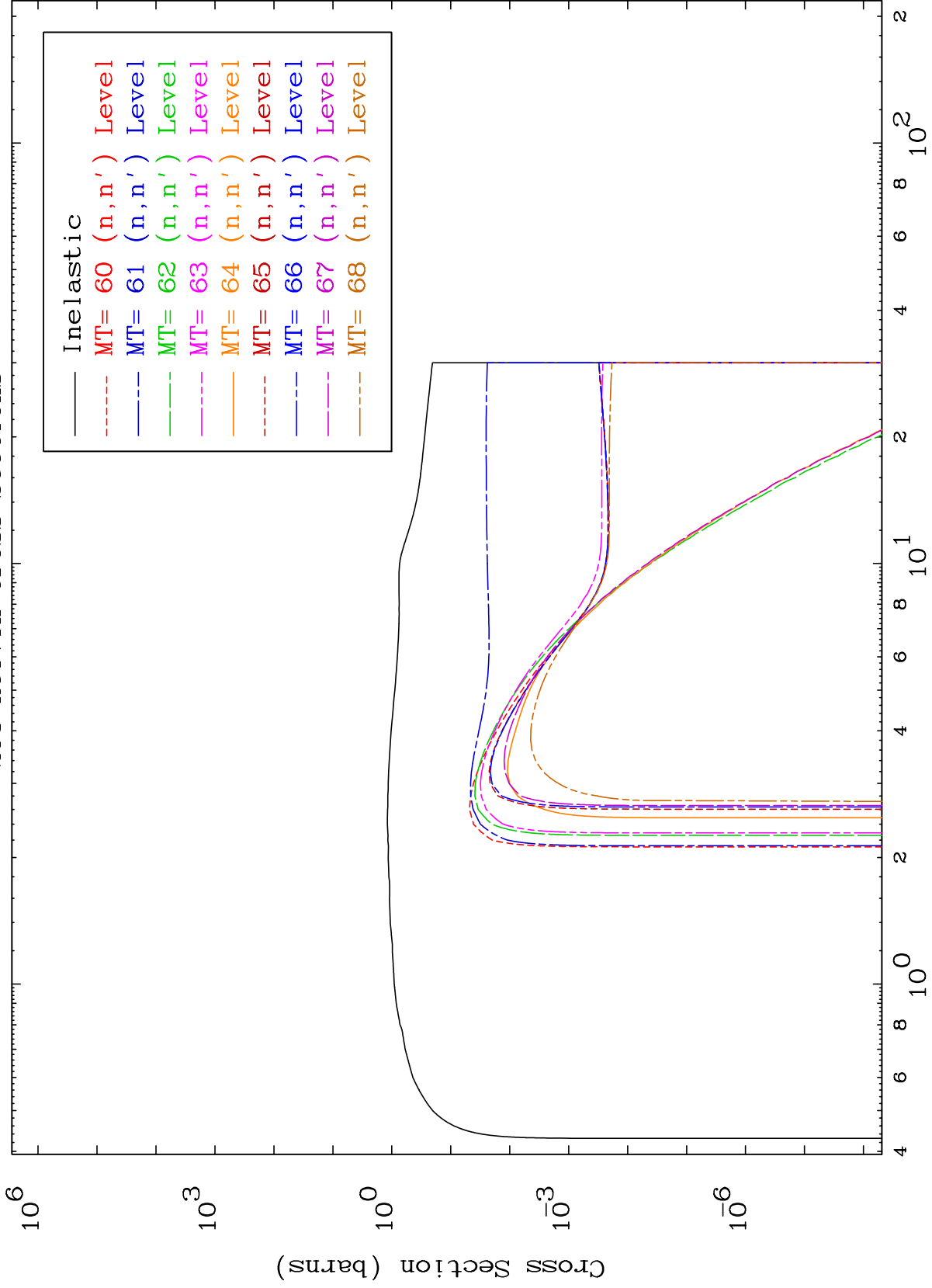
36-Kr-76

MAT 3619

(n,n') Levels

36-Kr-76

293 Kelvin Cross Sections



9

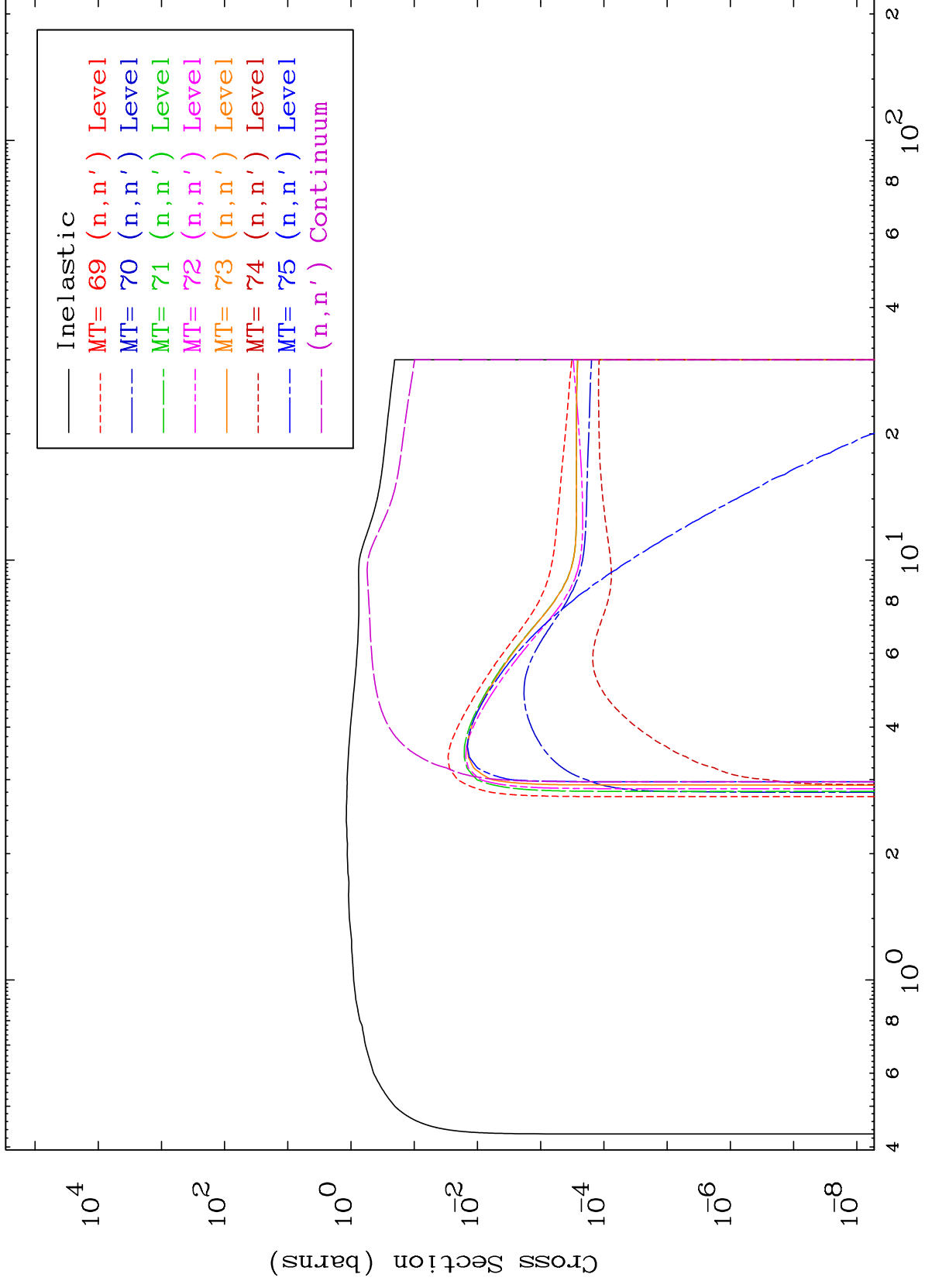
Incident Energy (MeV)

36-Kr-76

MAT 3619

(n,n') Levels
293 Kelvin Cross Sections

36-Kr-76



10

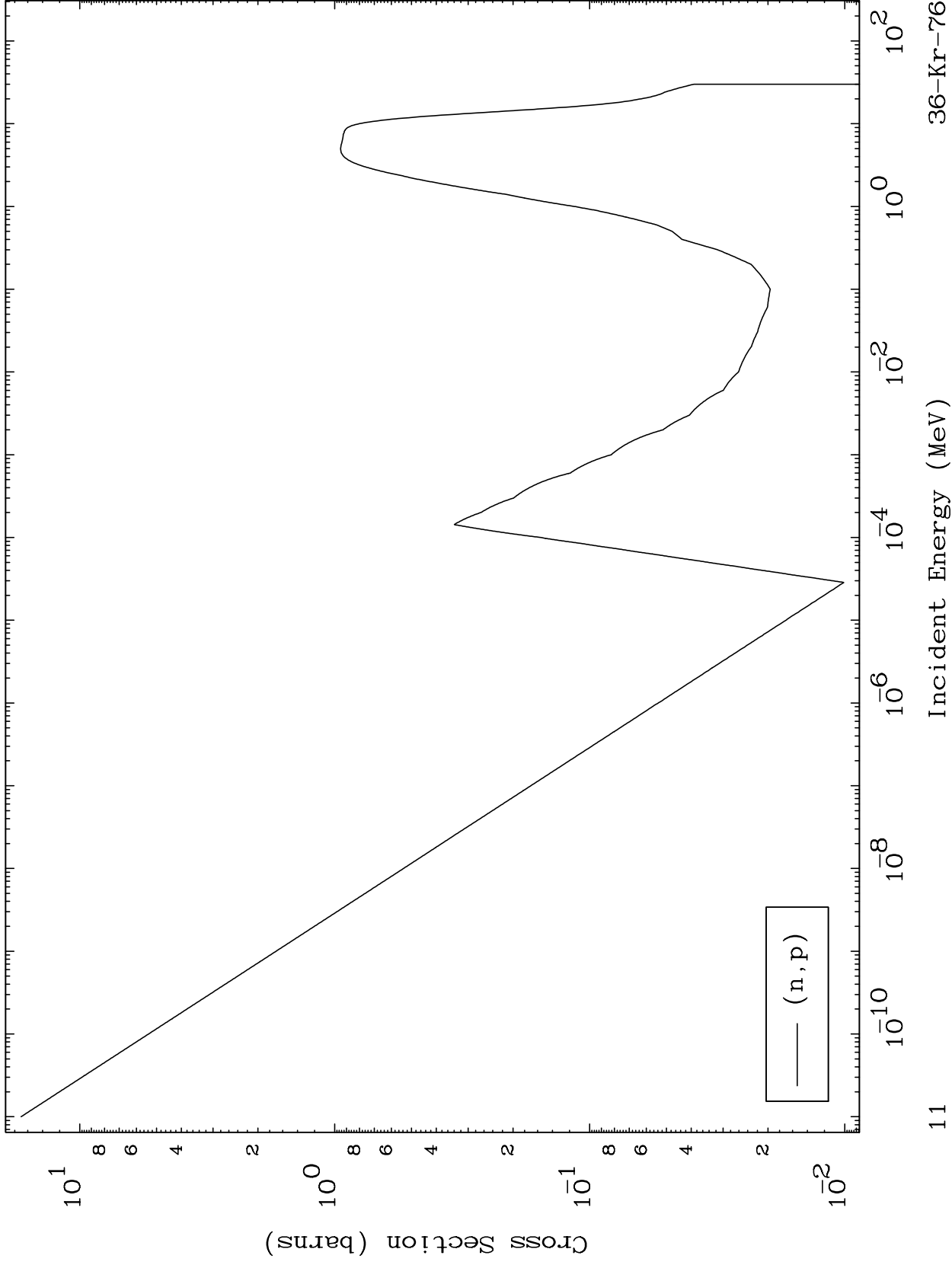
Incident Energy (MeV)

36-Kr-76

MAT 3619

(n,p) Levels
293 Kelvin Cross Sections

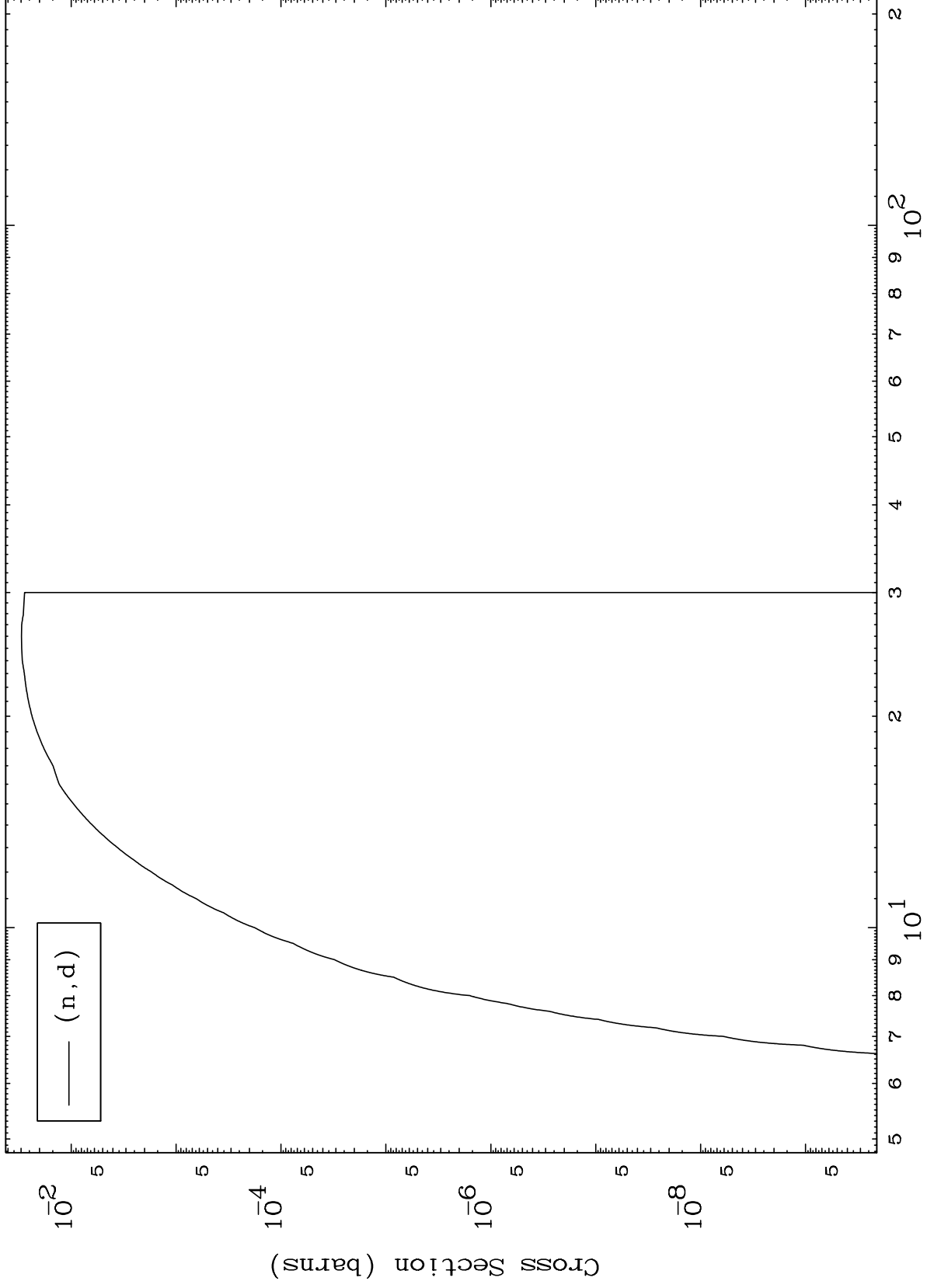
36-Kr-76



MAT 3619

(n,d) Levels
293 Kelvin Cross Sections

36-Kr-76



12

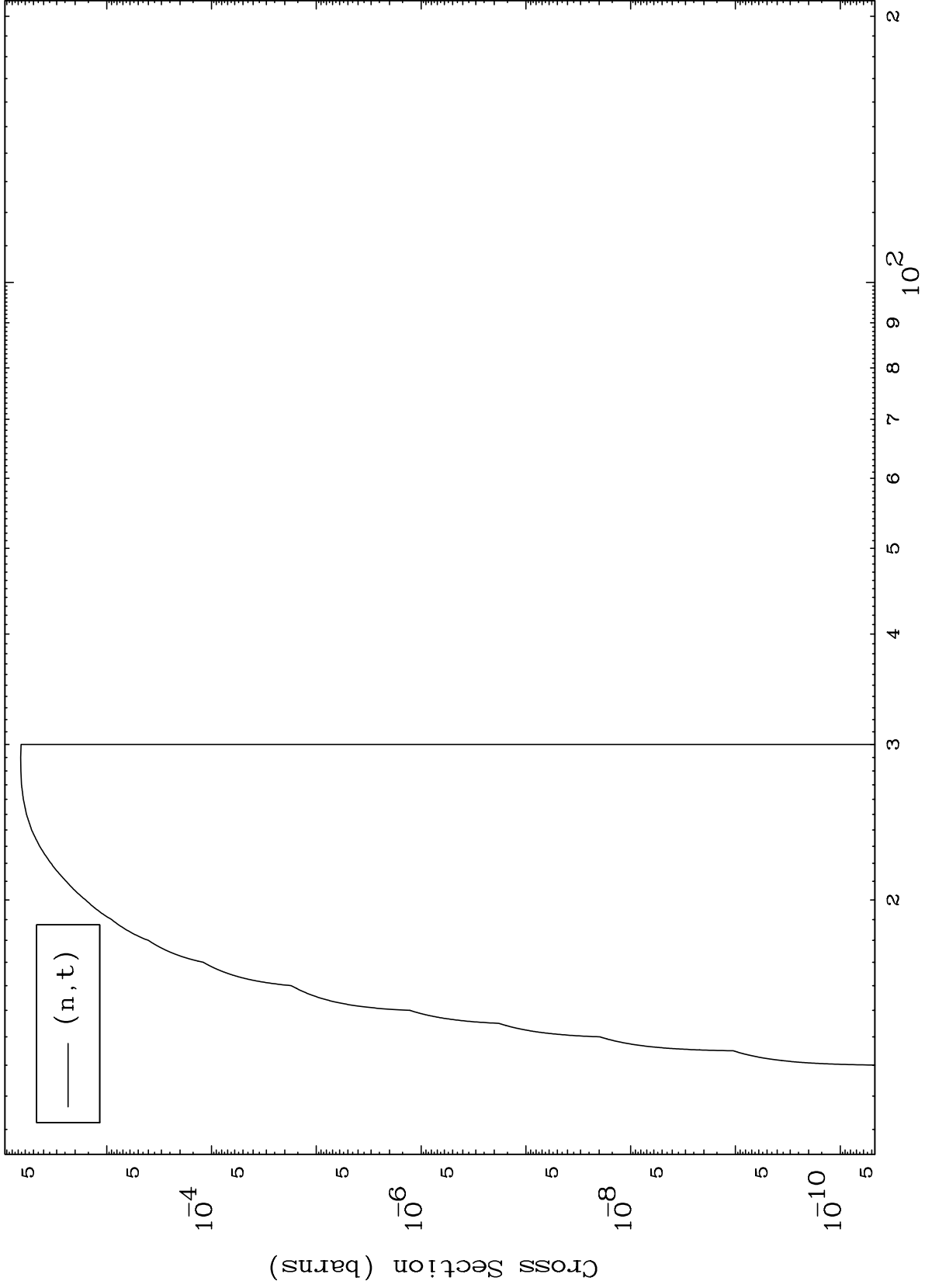
Incident Energy (MeV)

36-Kr-76

MAT 3619

(n,t) Levels
293 Kelvin Cross Sections

36-Kr-76



13

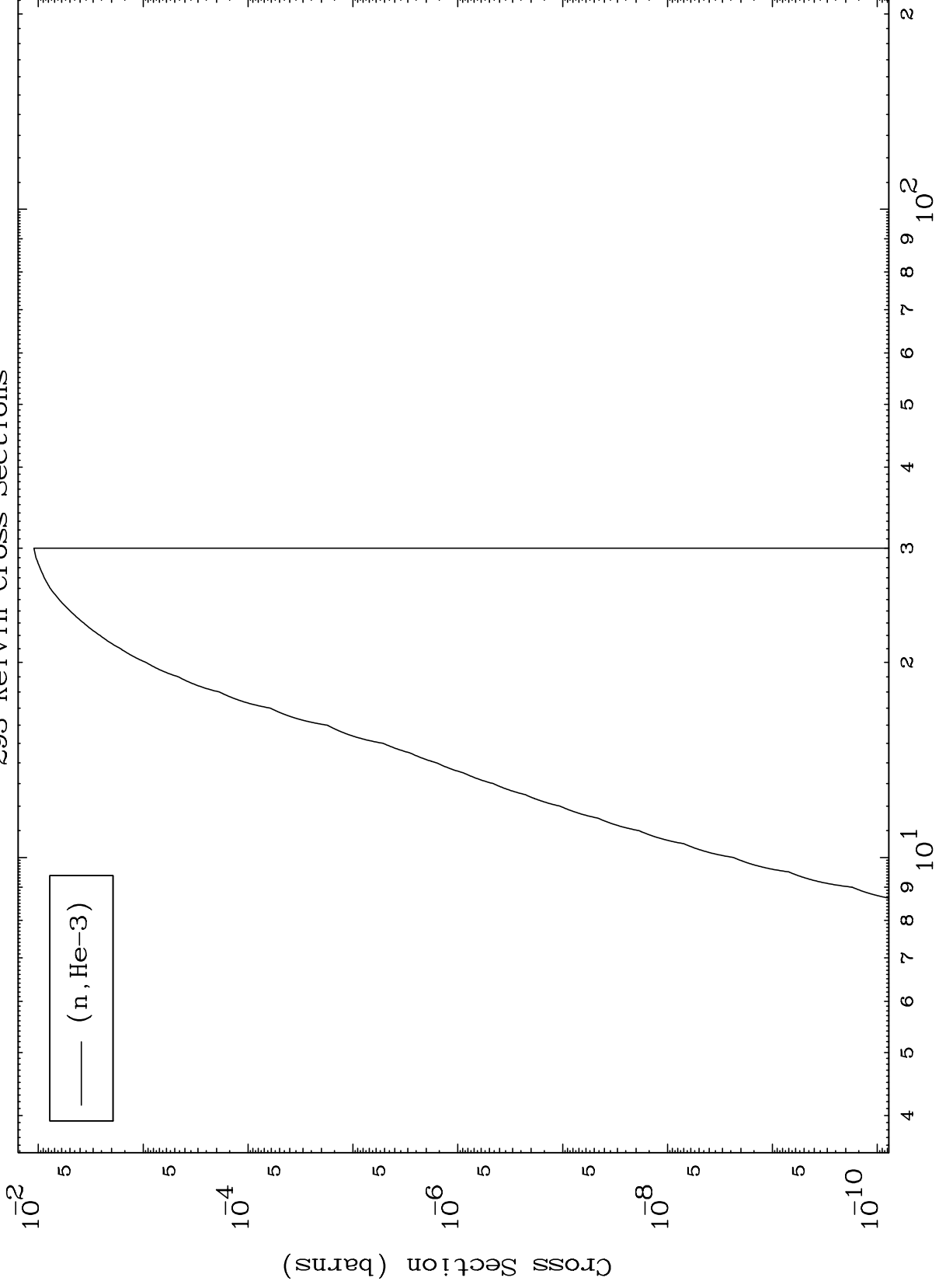
Incident Energy (MeV)

36-Kr-76

MAT 3619

(n,He3) Levels
293 Kelvin Cross Sections

36-Kr-76



14

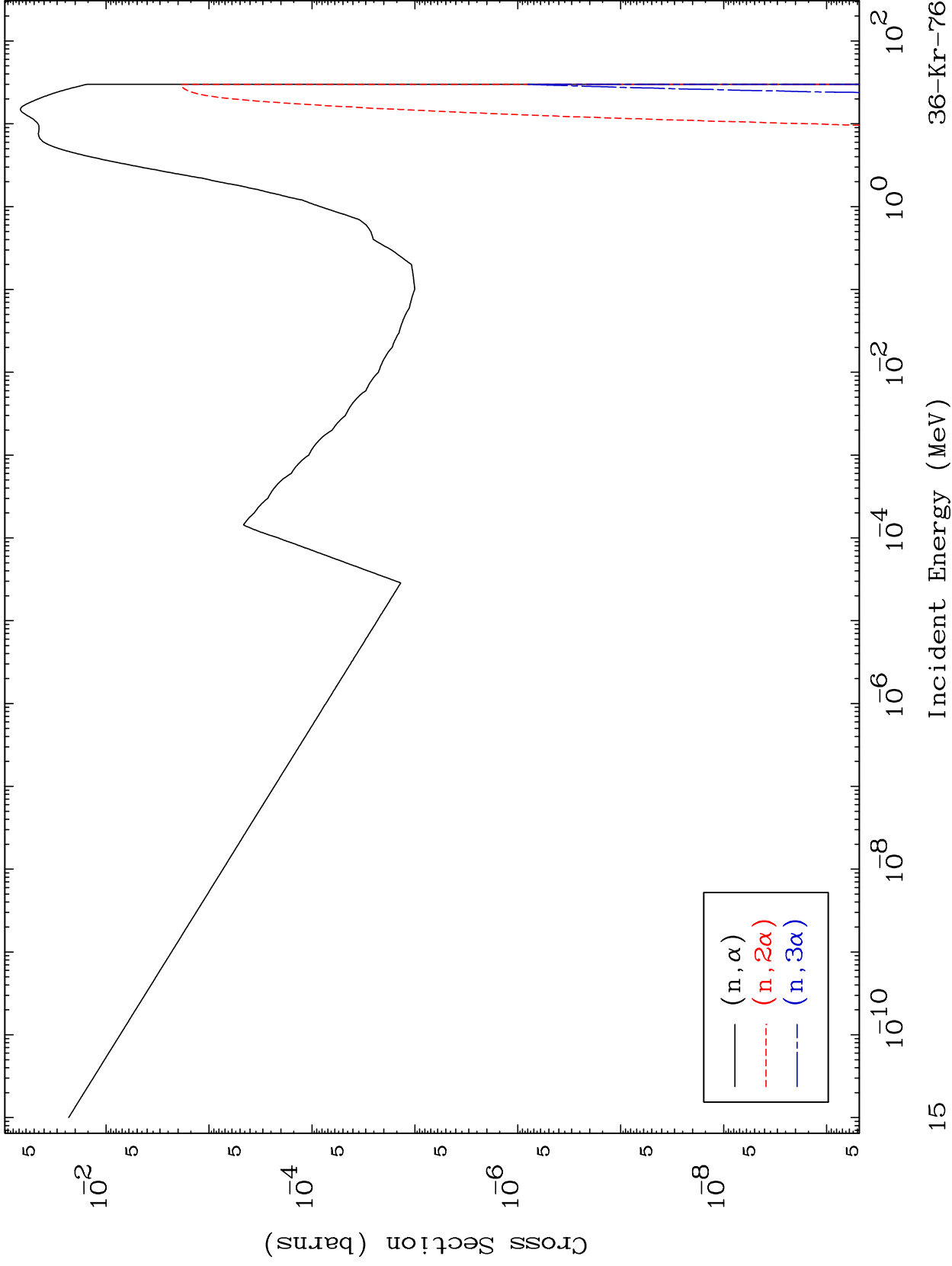
Incident Energy (MeV)

36-Kr-76

MAT 3619

(n,α) Levels
293 Kelvin Cross Sections

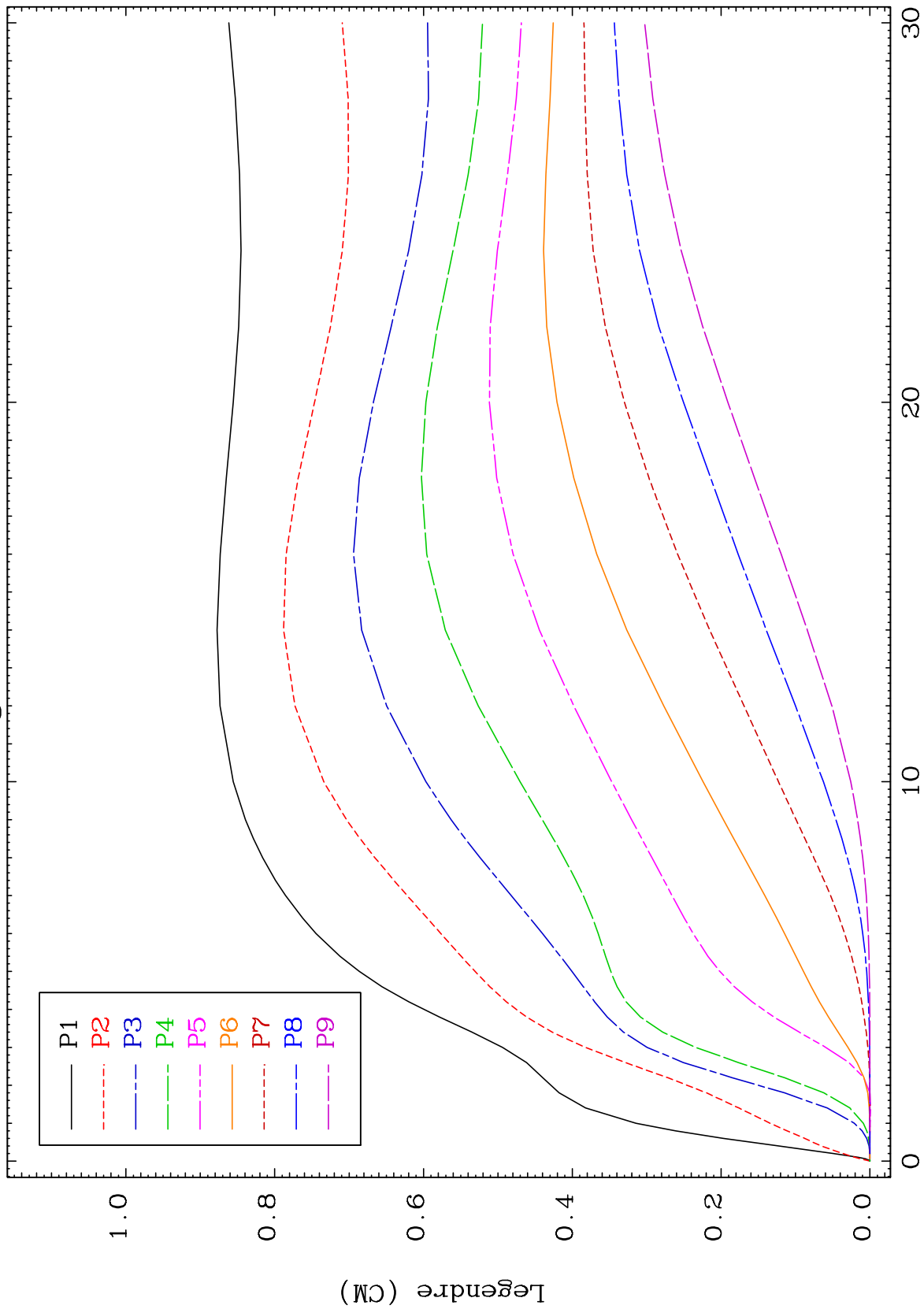
36-Kr-76



MAT 3619

Elastic Legendre Coefficients

36-Kr-76



16

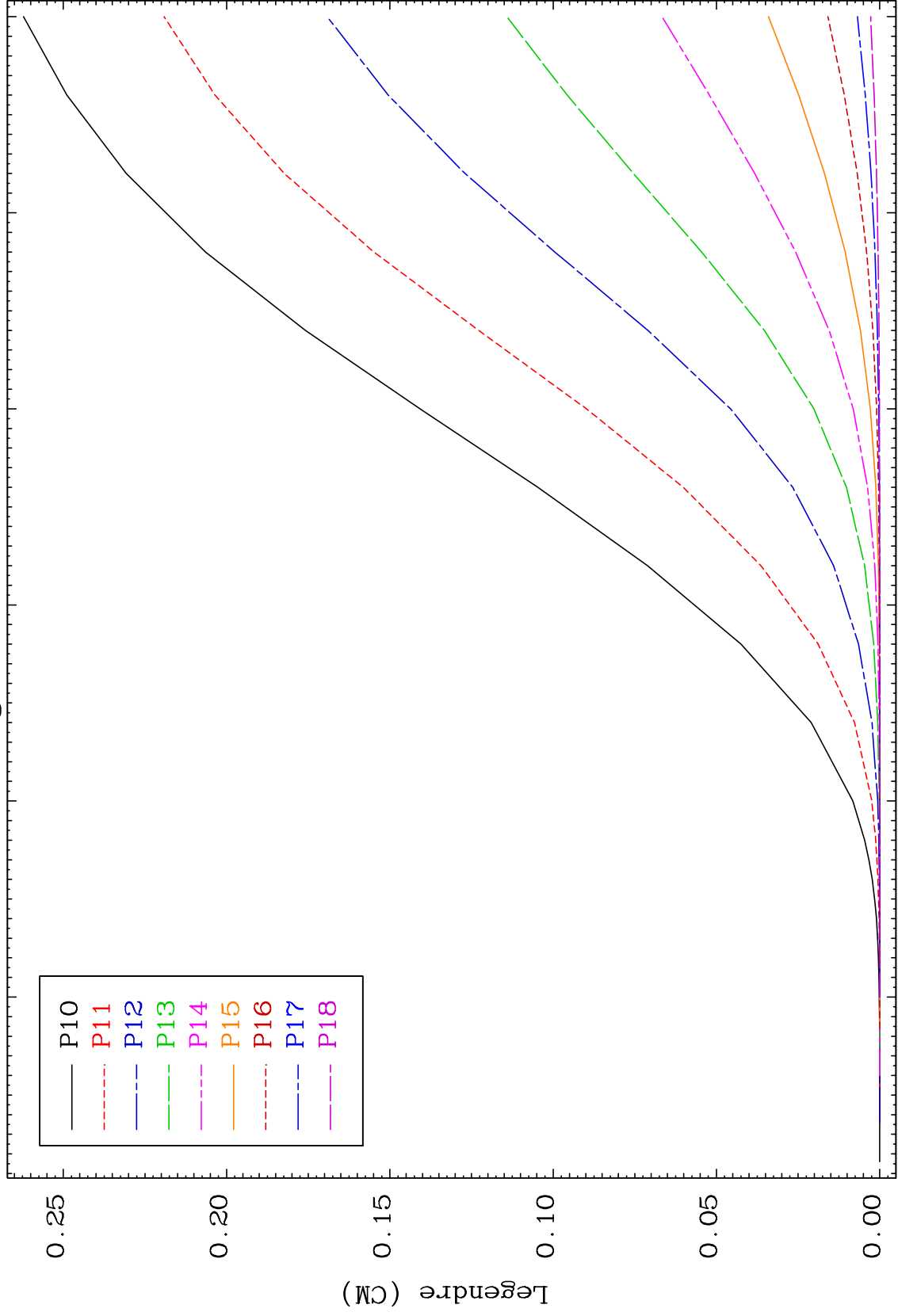
Incident Energy (MeV)

36-Kr-76

MAT 3619

Elastic Legendre Coefficients

³⁶Kr-76



17

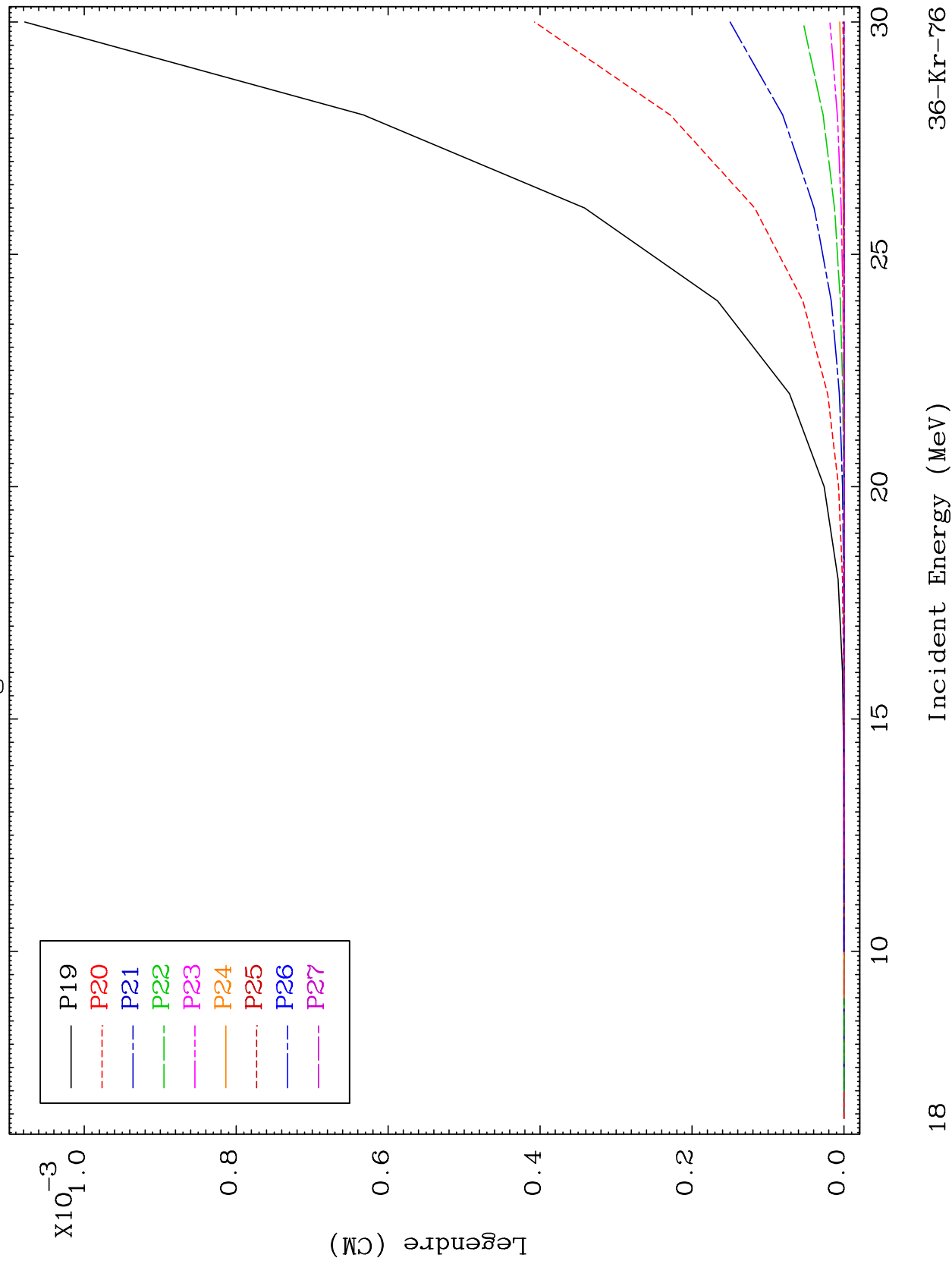
Incident Energy (MeV)

³⁶Kr-76

MAT 3619

Elastic Legendre Coefficients

36-Kr-76



18

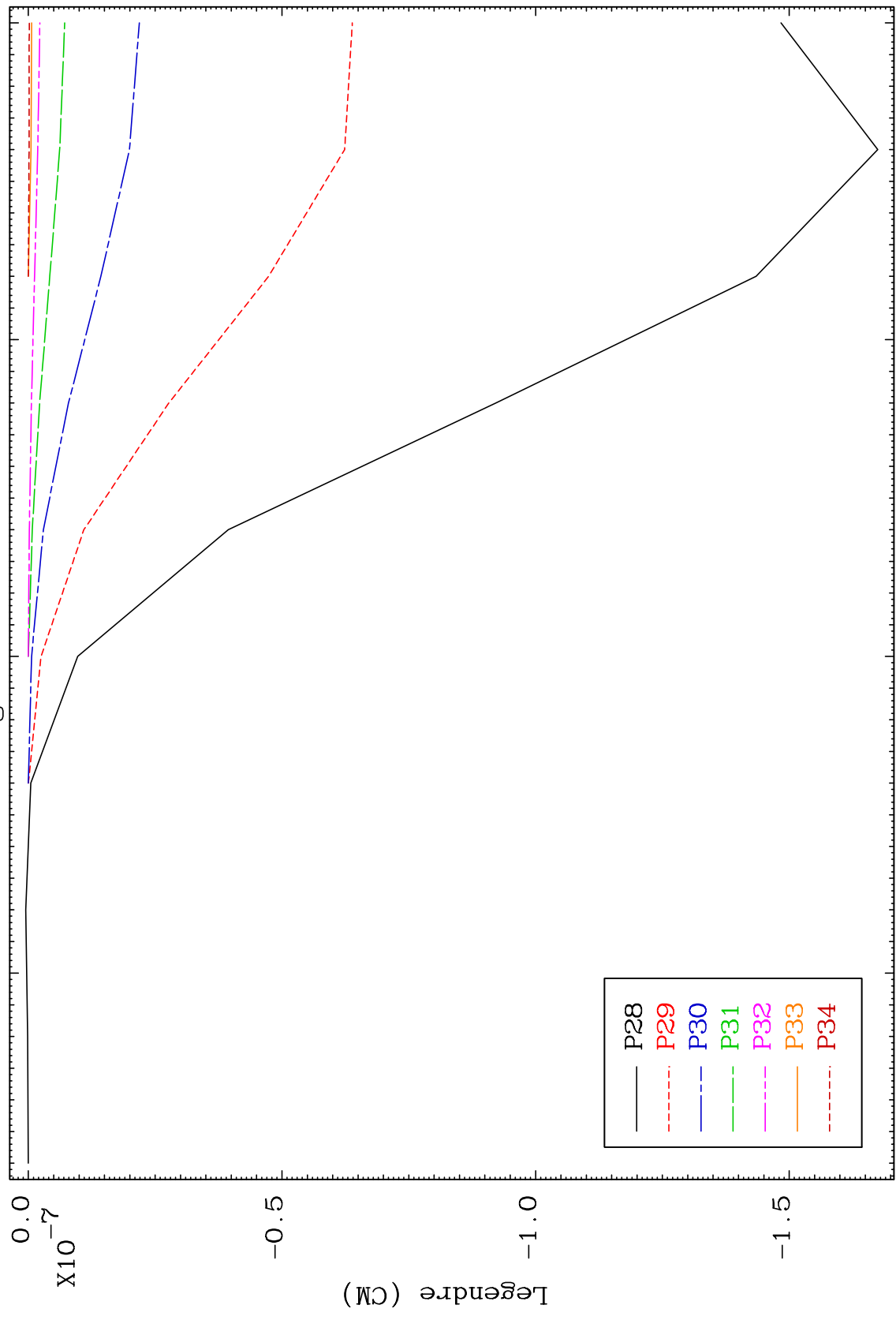
Incident Energy (MeV)

36-Kr-76

MAT 3619

36-Kr-76

Elastic Legendre Coefficients



10^{-7}

Legendre (CM)

15

20

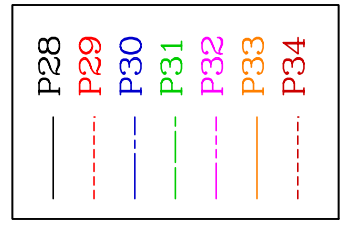
25

30

19

Incident Energy (MeV)

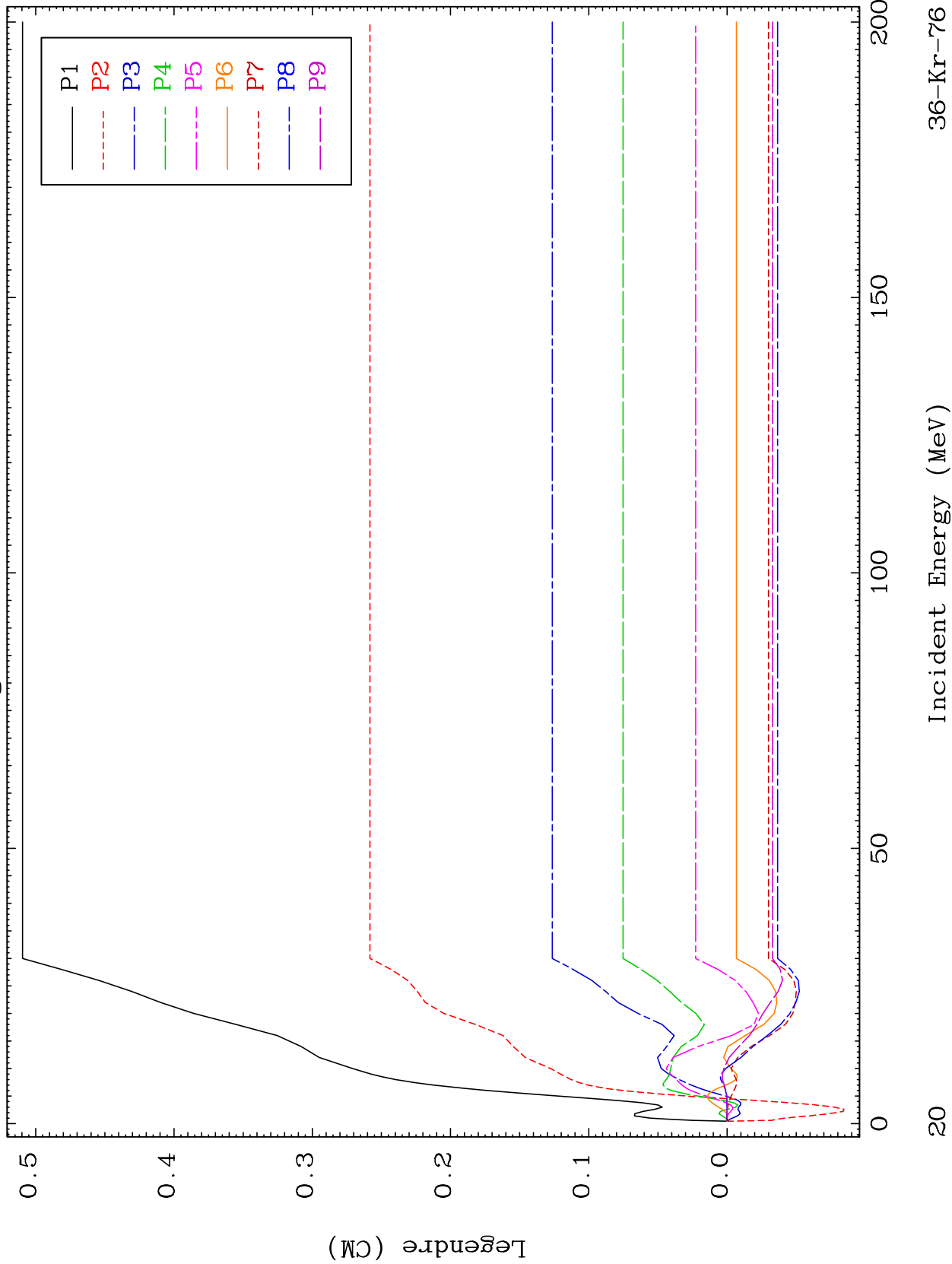
36-Kr-76



MAT 3619

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

36-Kr-76

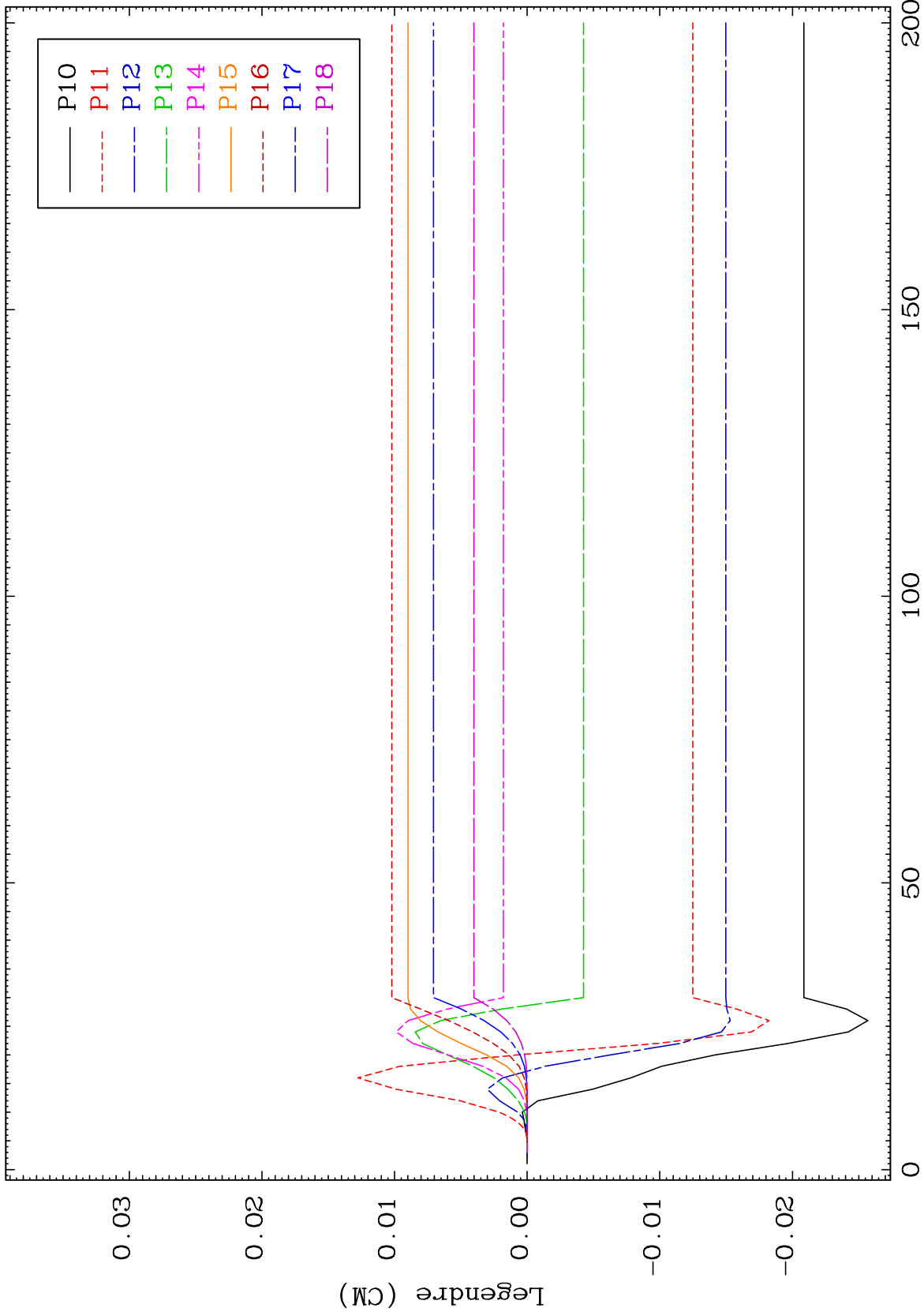


36-Kr-76

MAT 3619

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

36-Kr-76



21

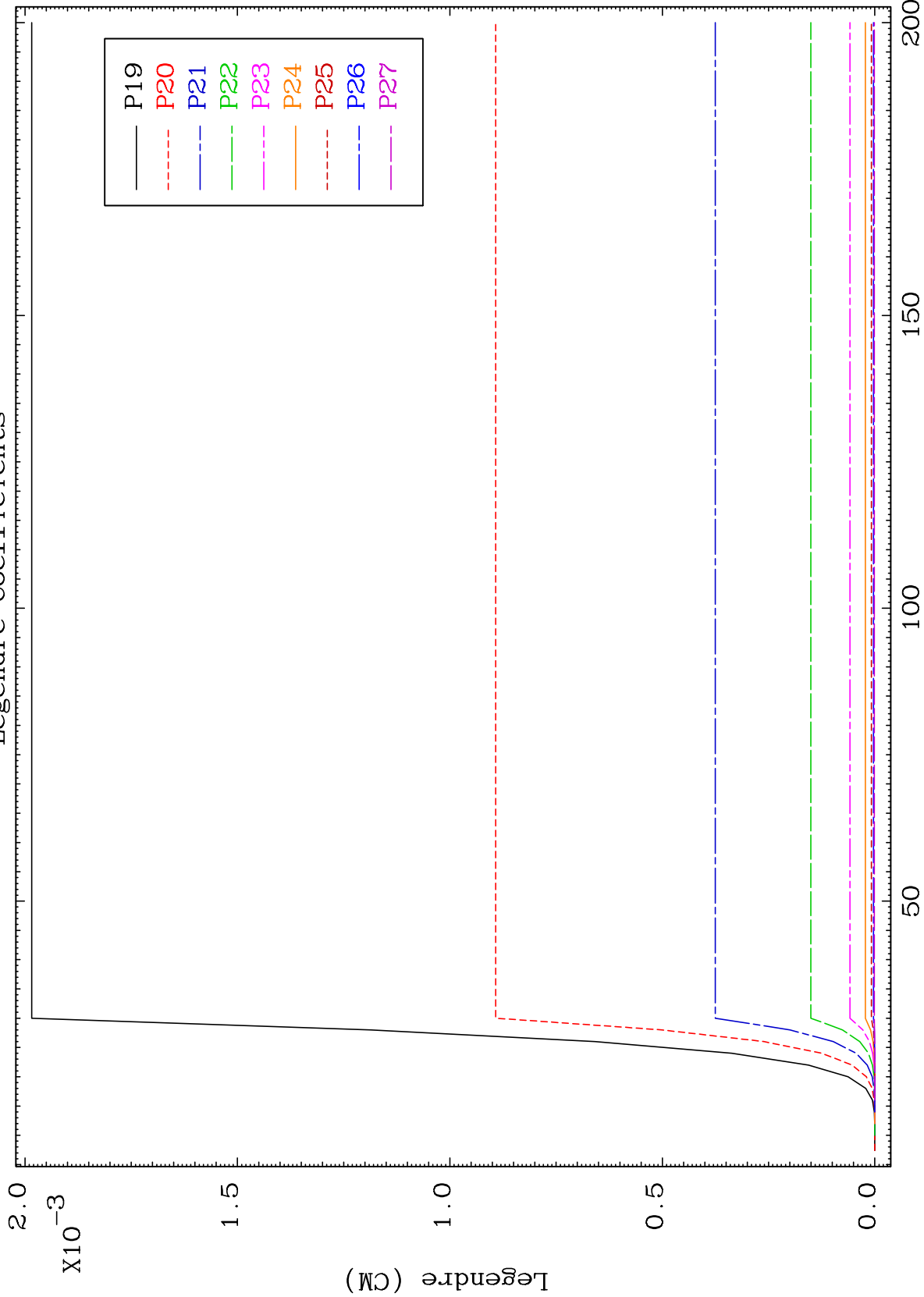
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



22

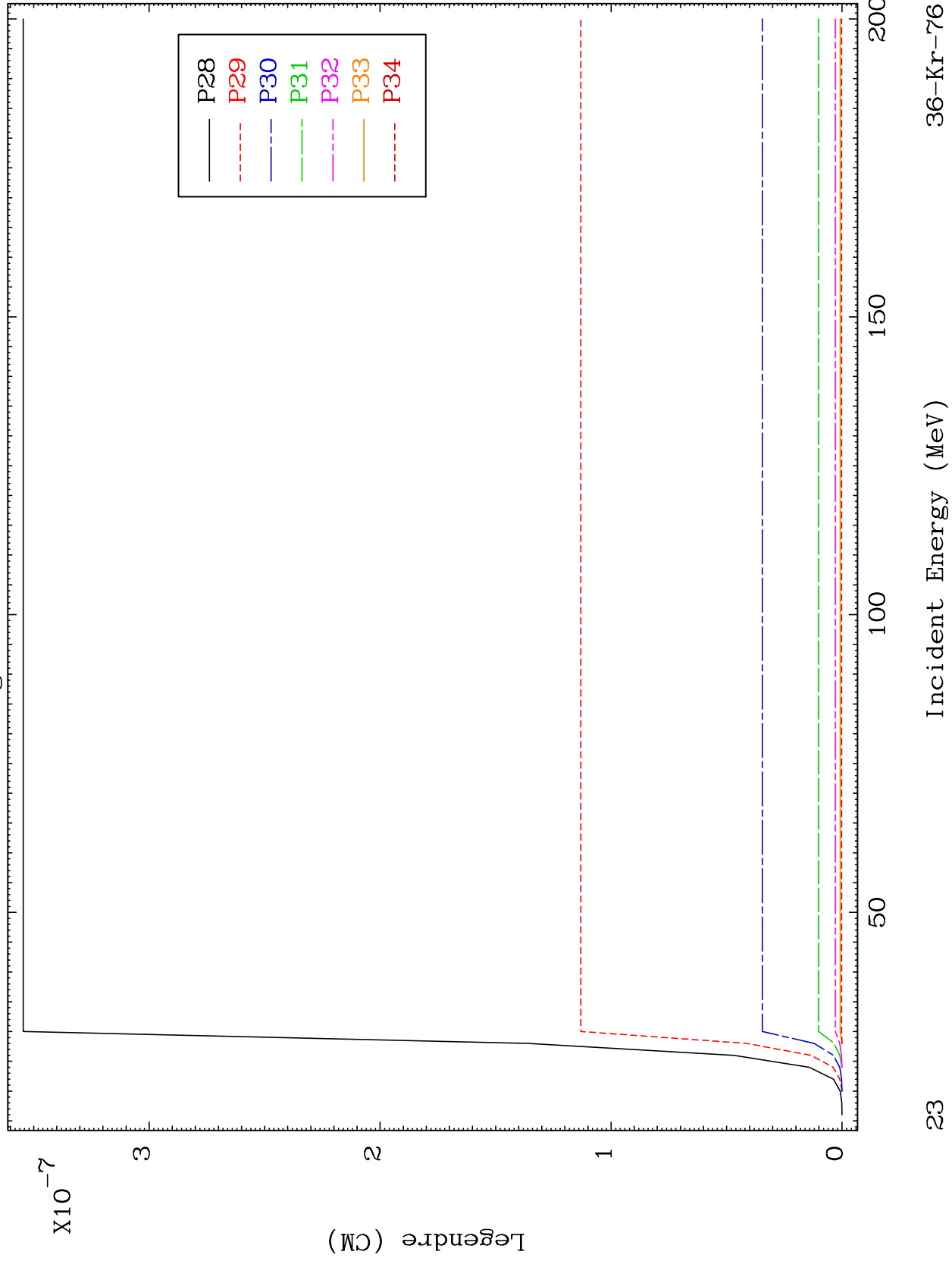
Incident Energy (MeV)

36-Kr-76

MAT 3619

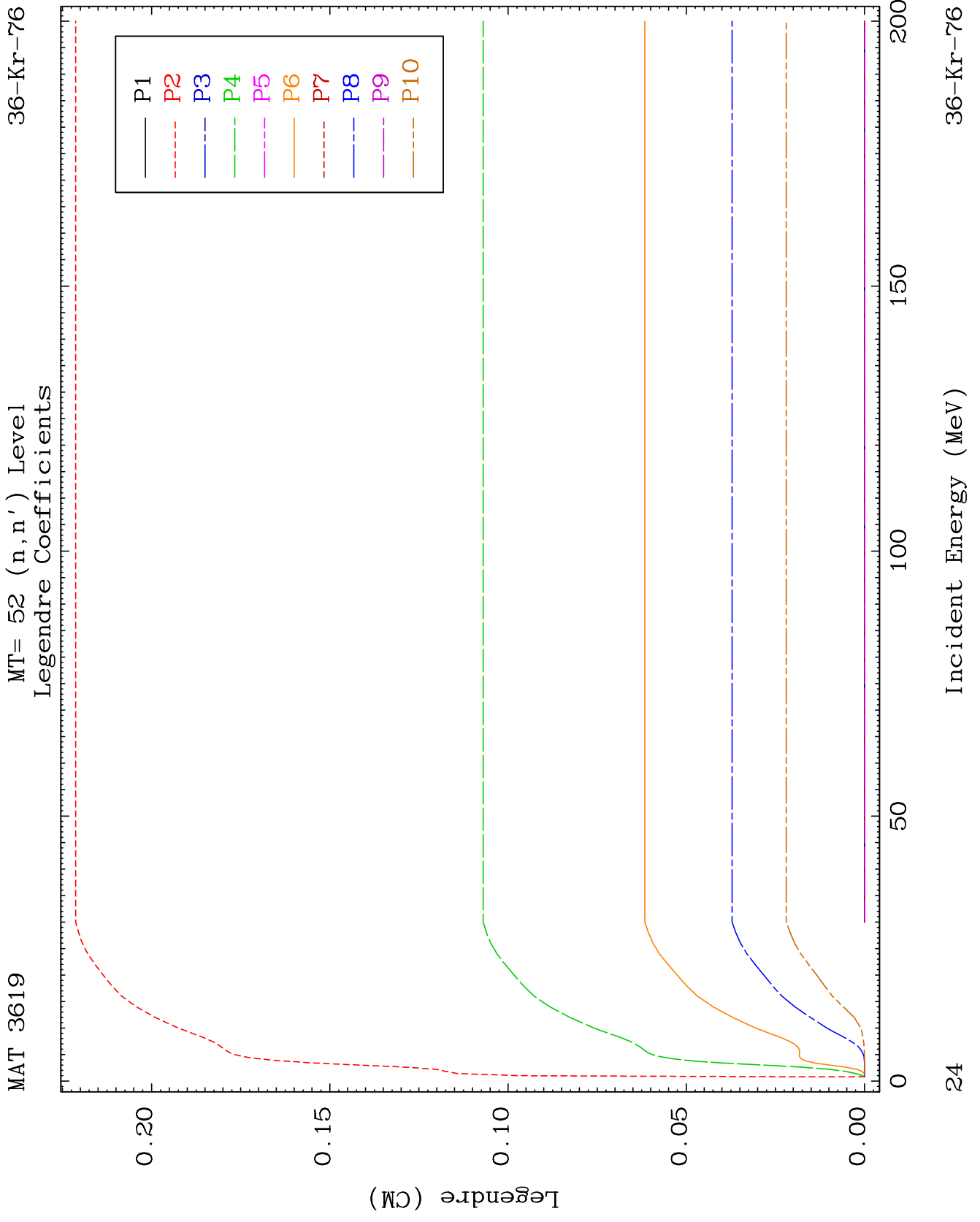
MT= 51 (n,n') Level
Legendre Coefficients

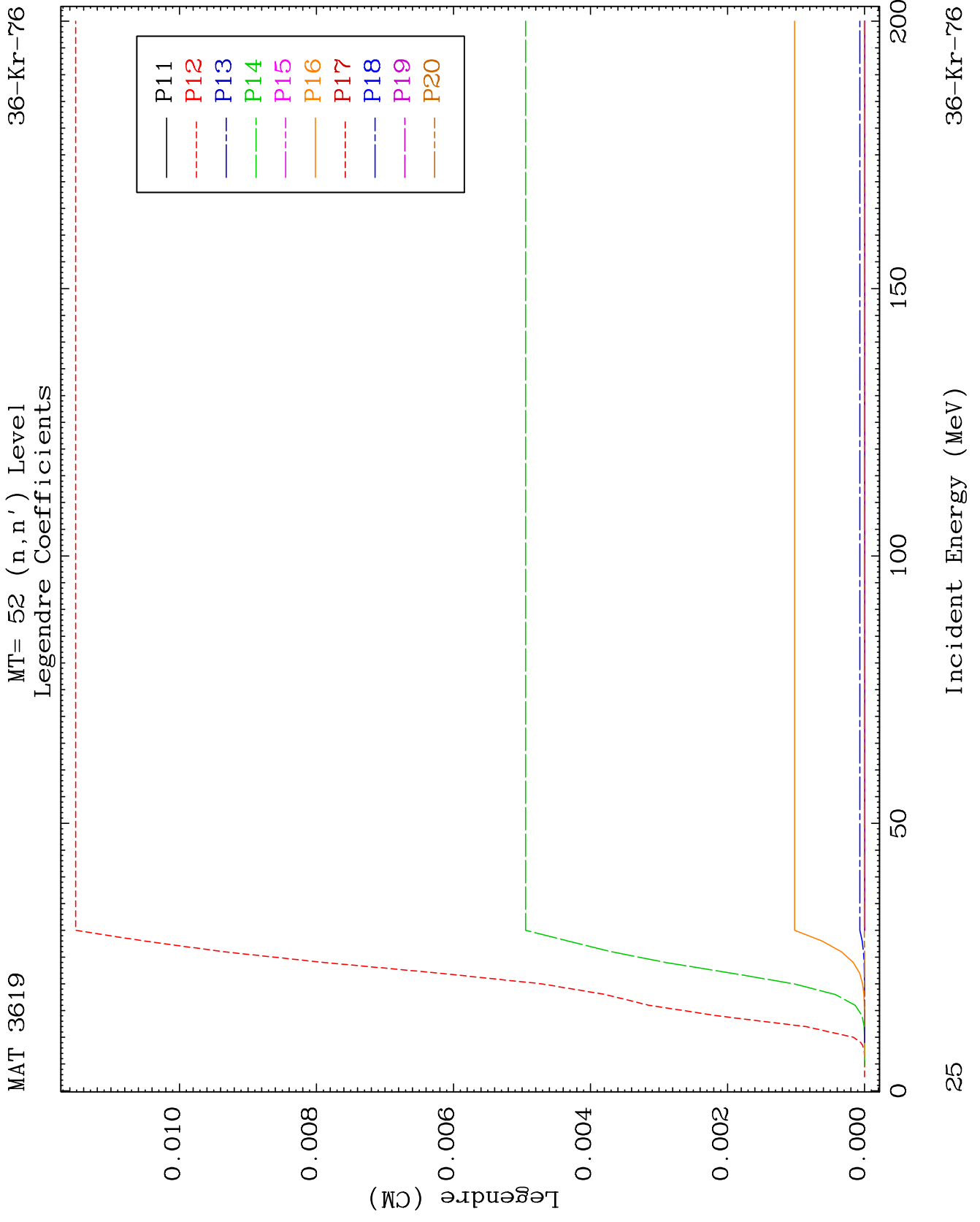
36-Kr-76

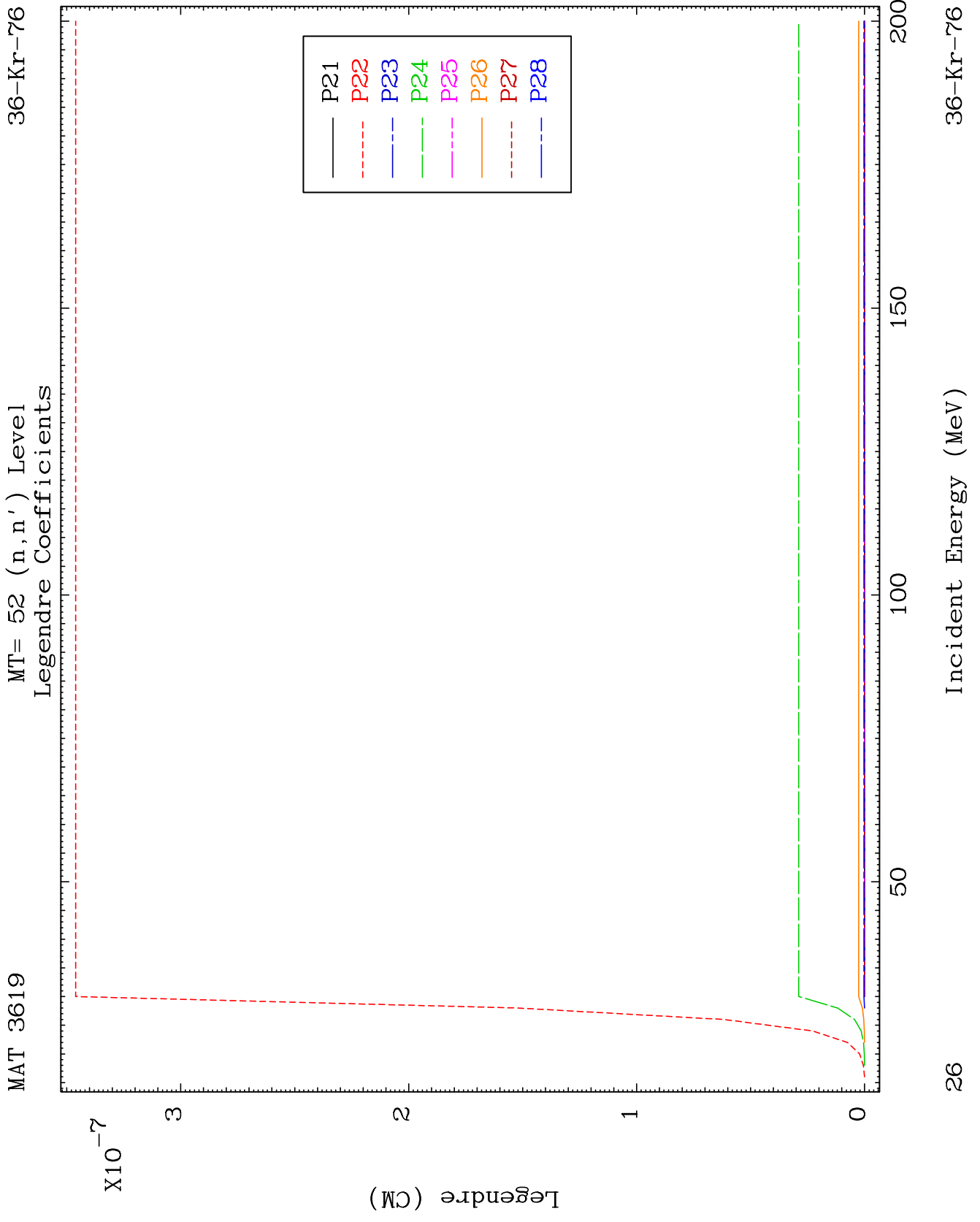


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36-Kr-76



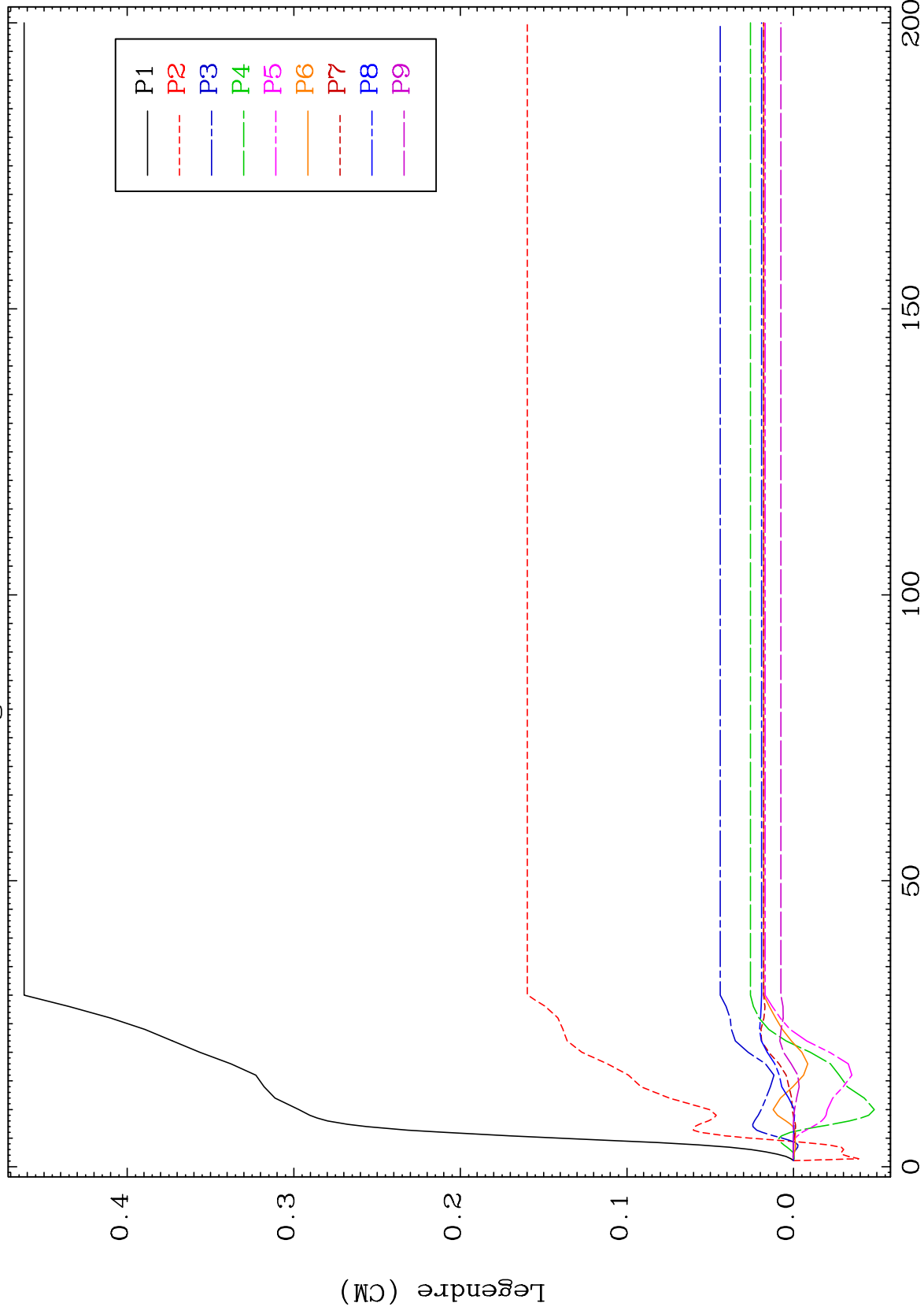




MAT 3619

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

36-Kr-76



27

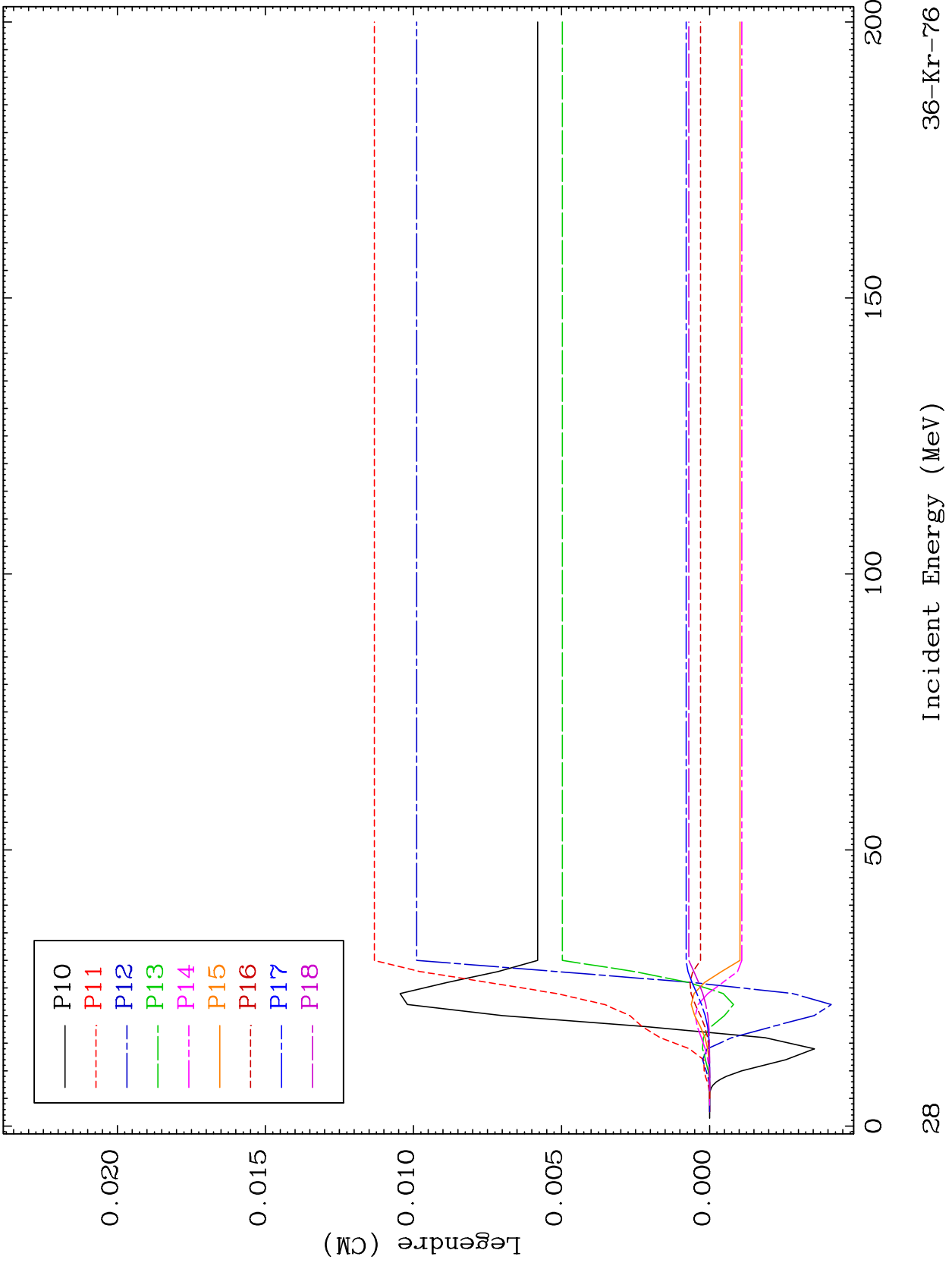
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



36-Kr-76

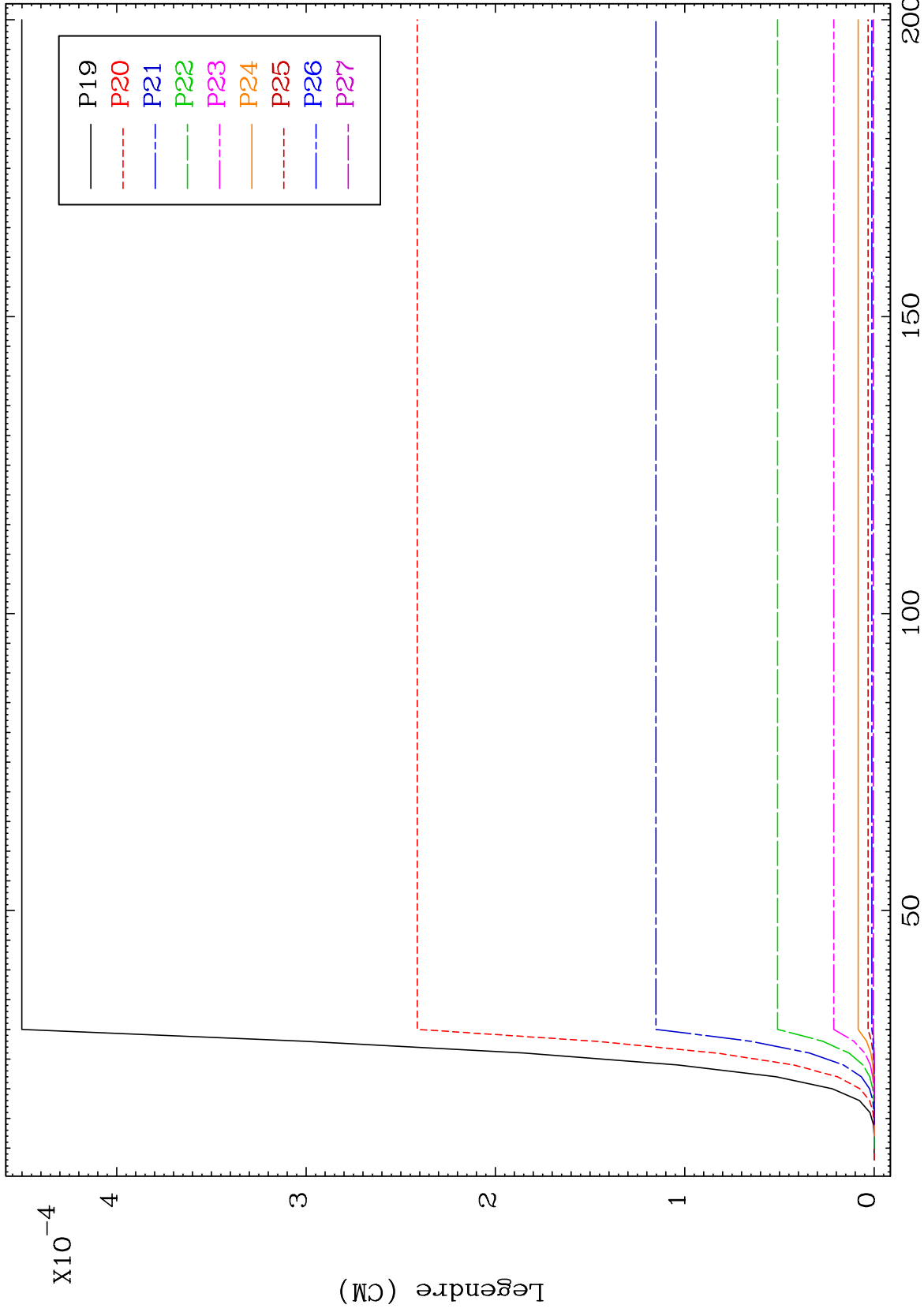
Incident Energy (MeV)

28

MAT 3619

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

36-Kr-76



29

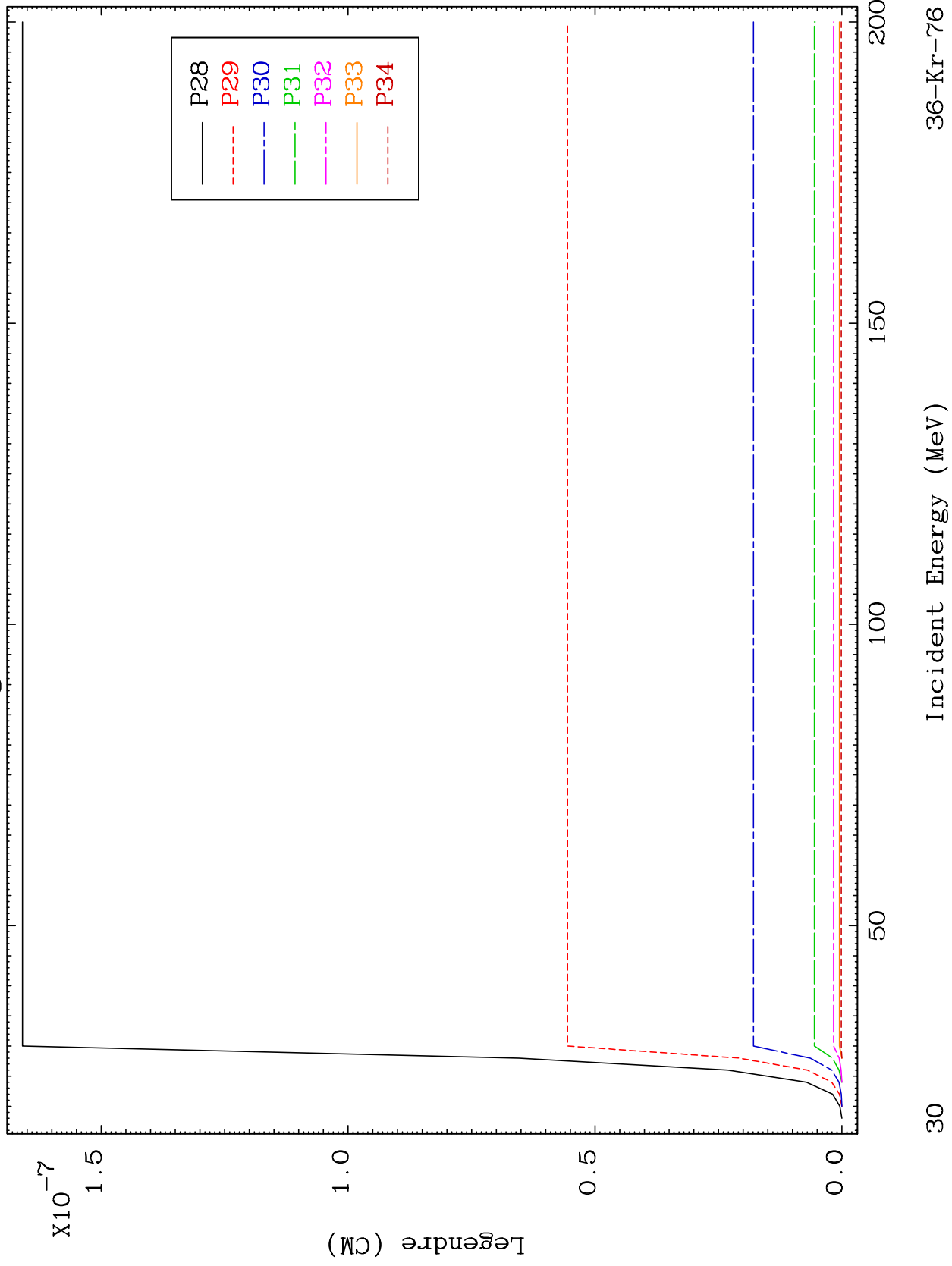
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



36-Kr-76

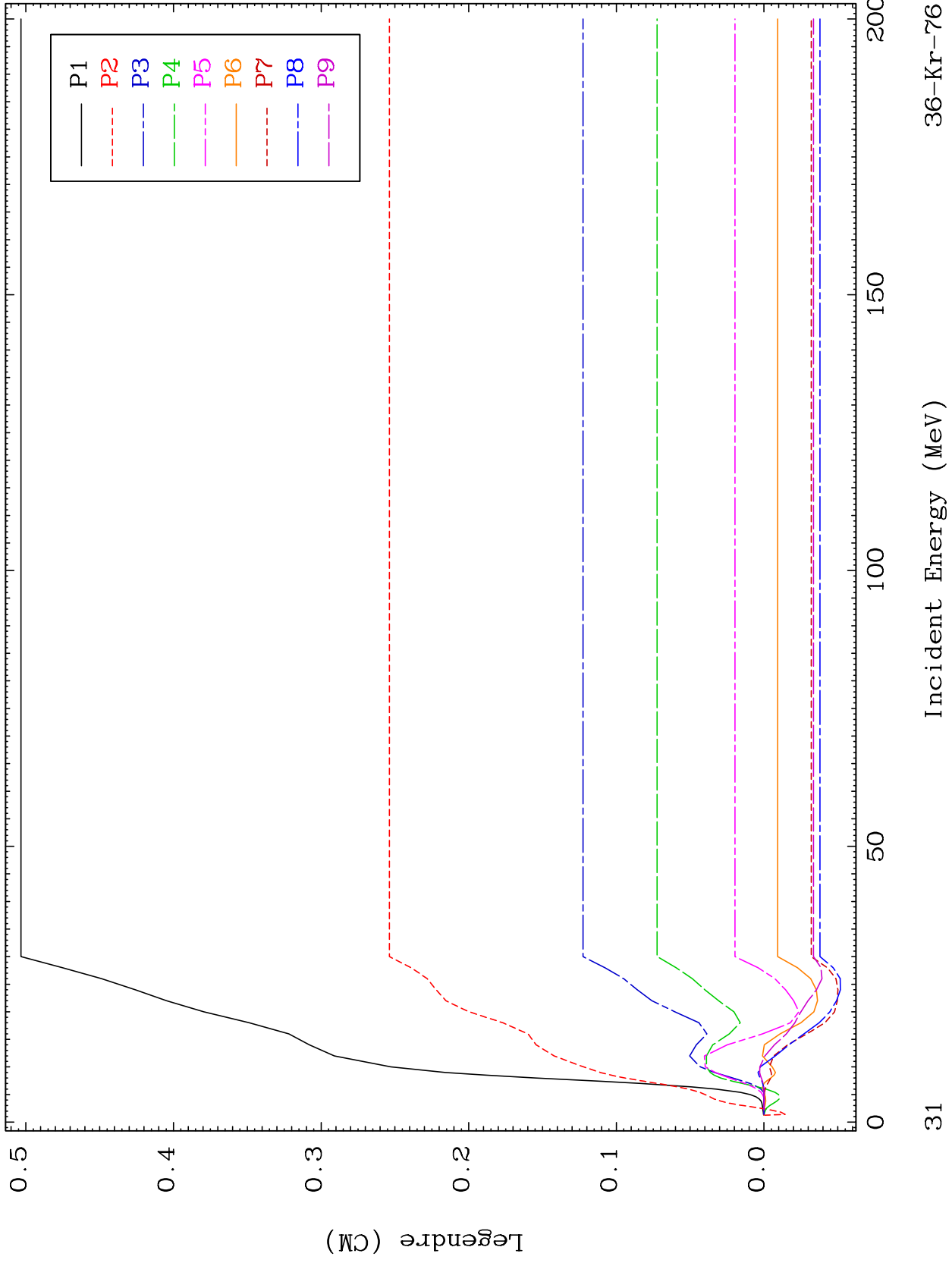
Incident Energy (MeV)

30

MAT 3619

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

36-Kr-76



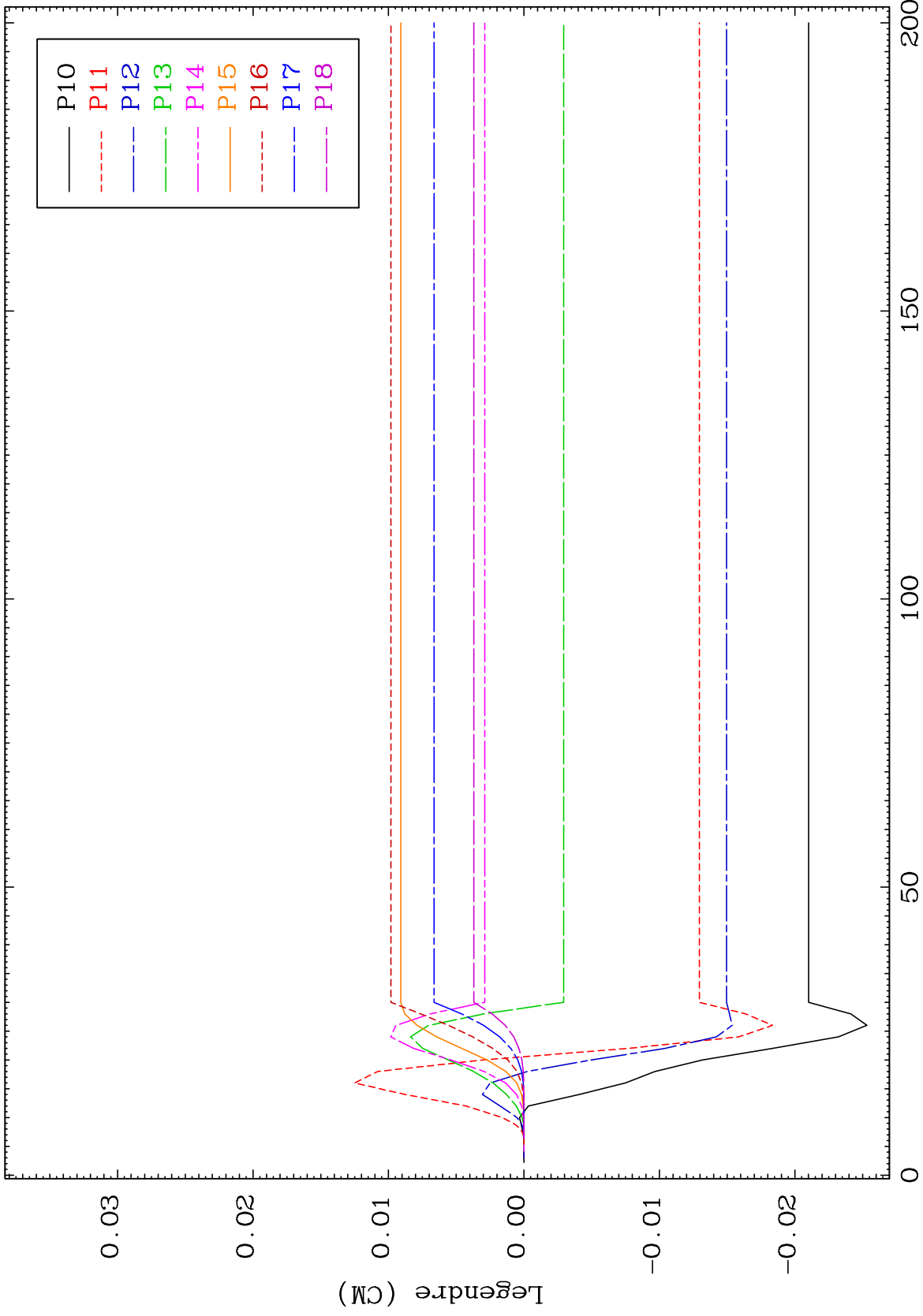
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36-Kr-76

MAT 3619

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

36-Kr-76



32

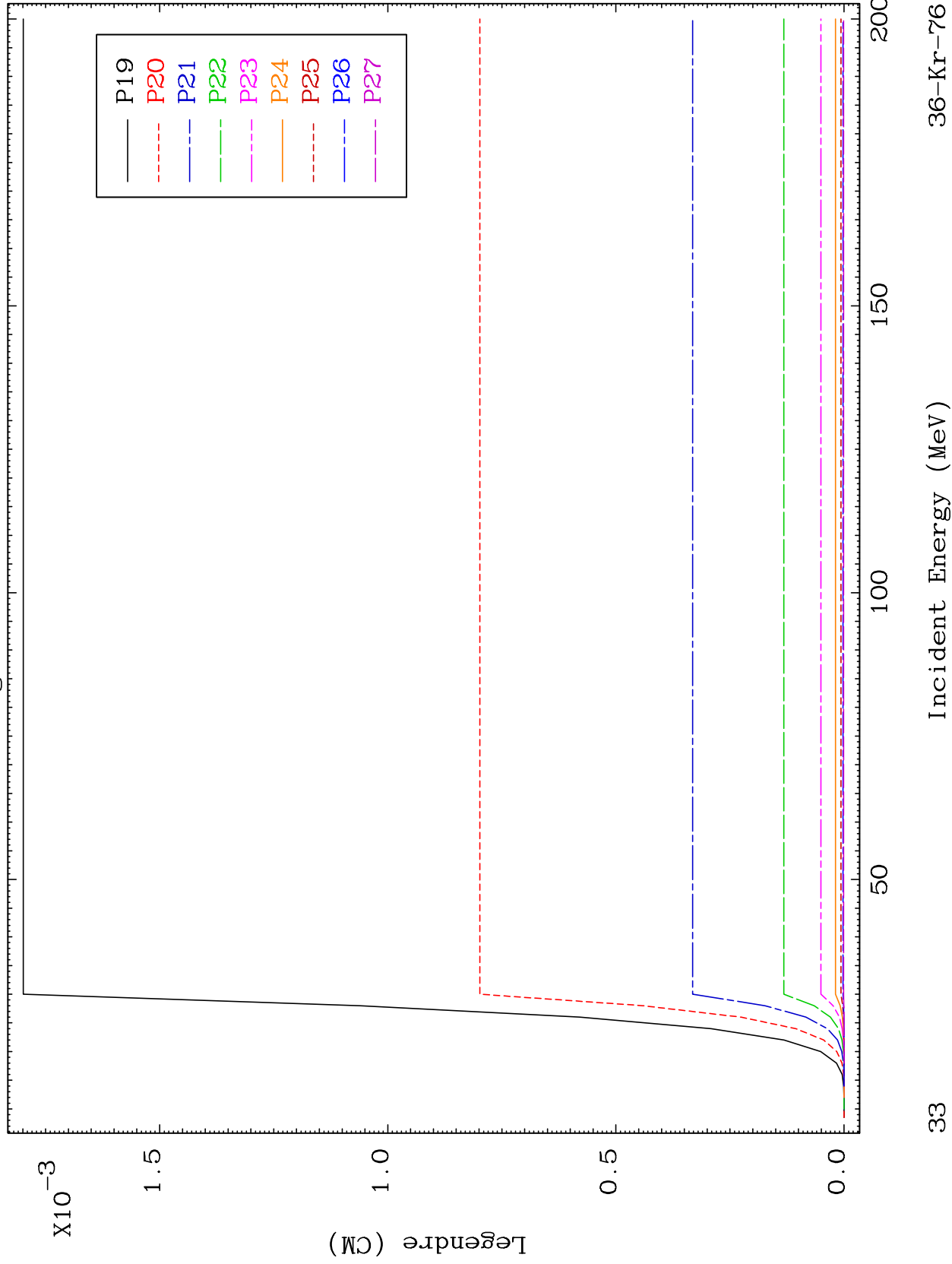
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



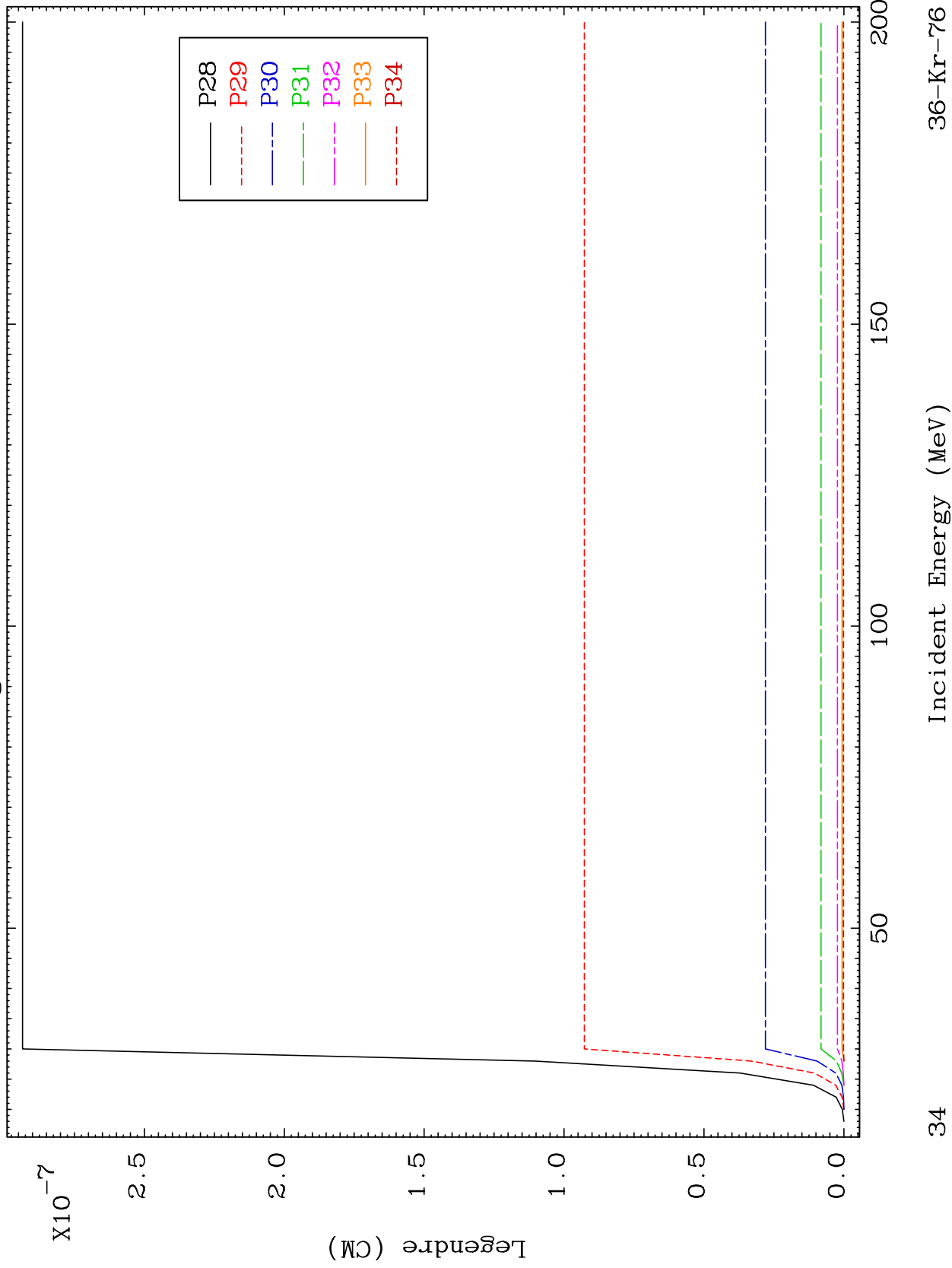
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36-Kr-76

MAT 3619

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

36-Kr-76



34

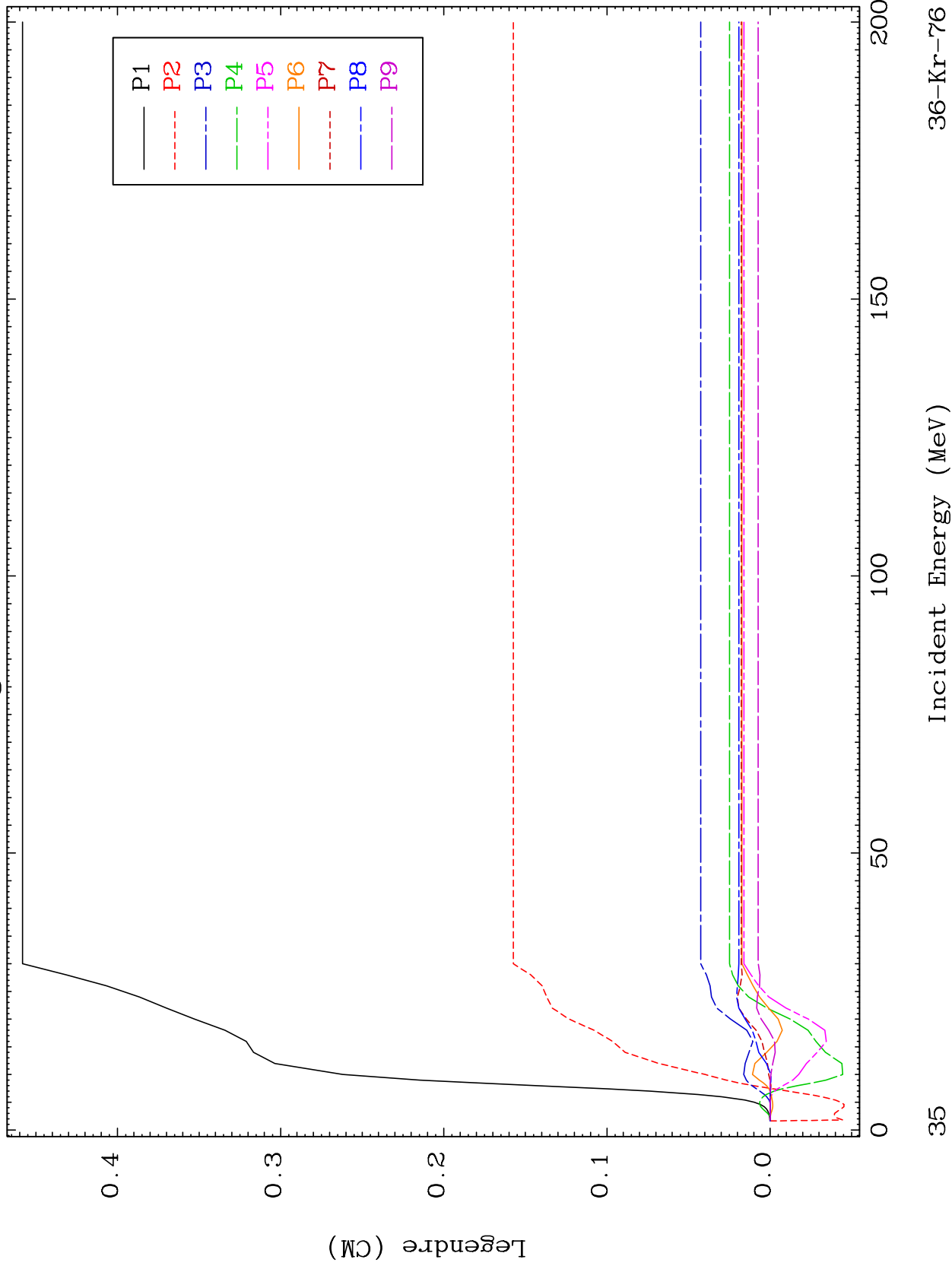
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



36-Kr-76

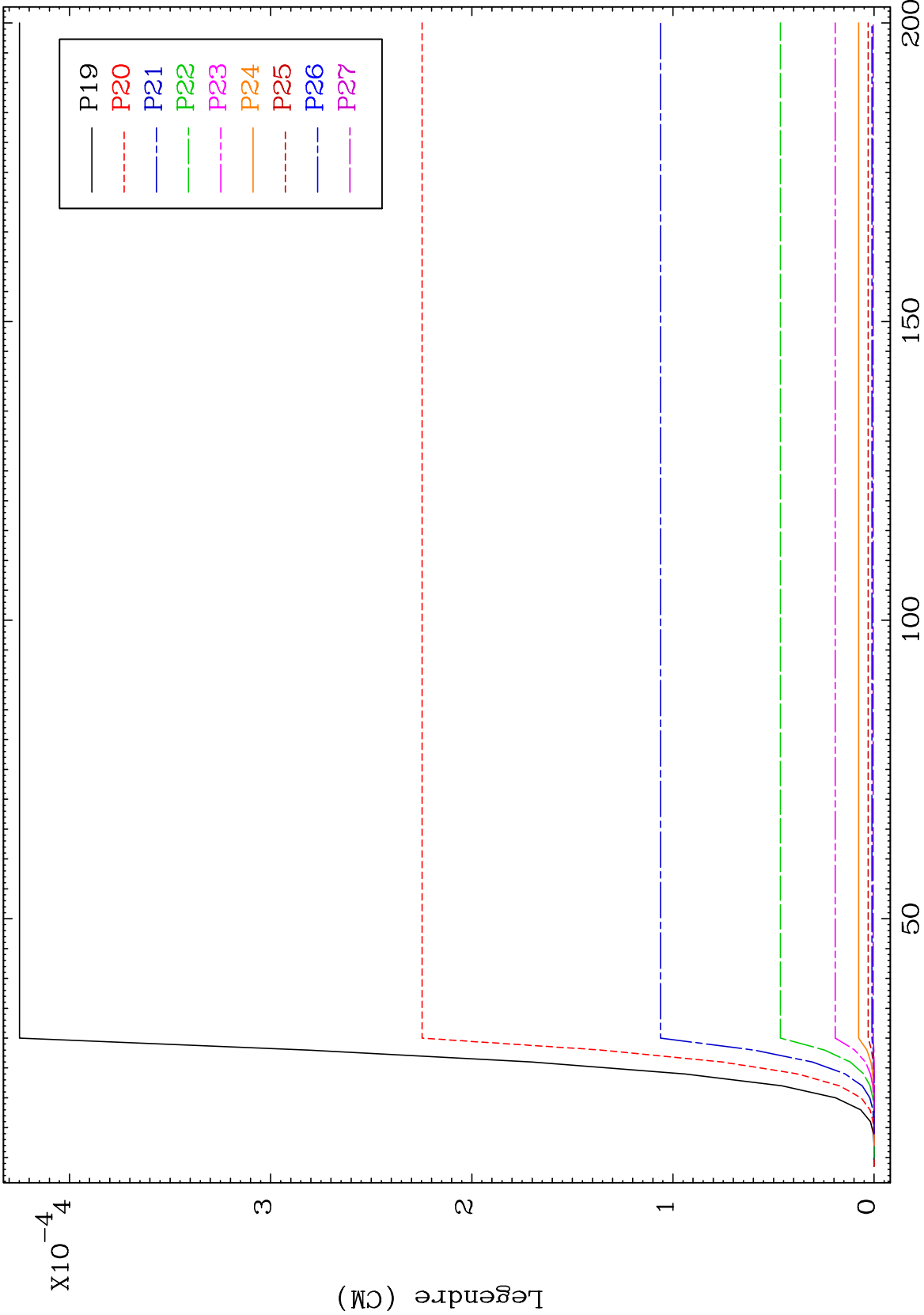
Incident Energy (MeV)

35

MAT 3619

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

36-Kr-76



37

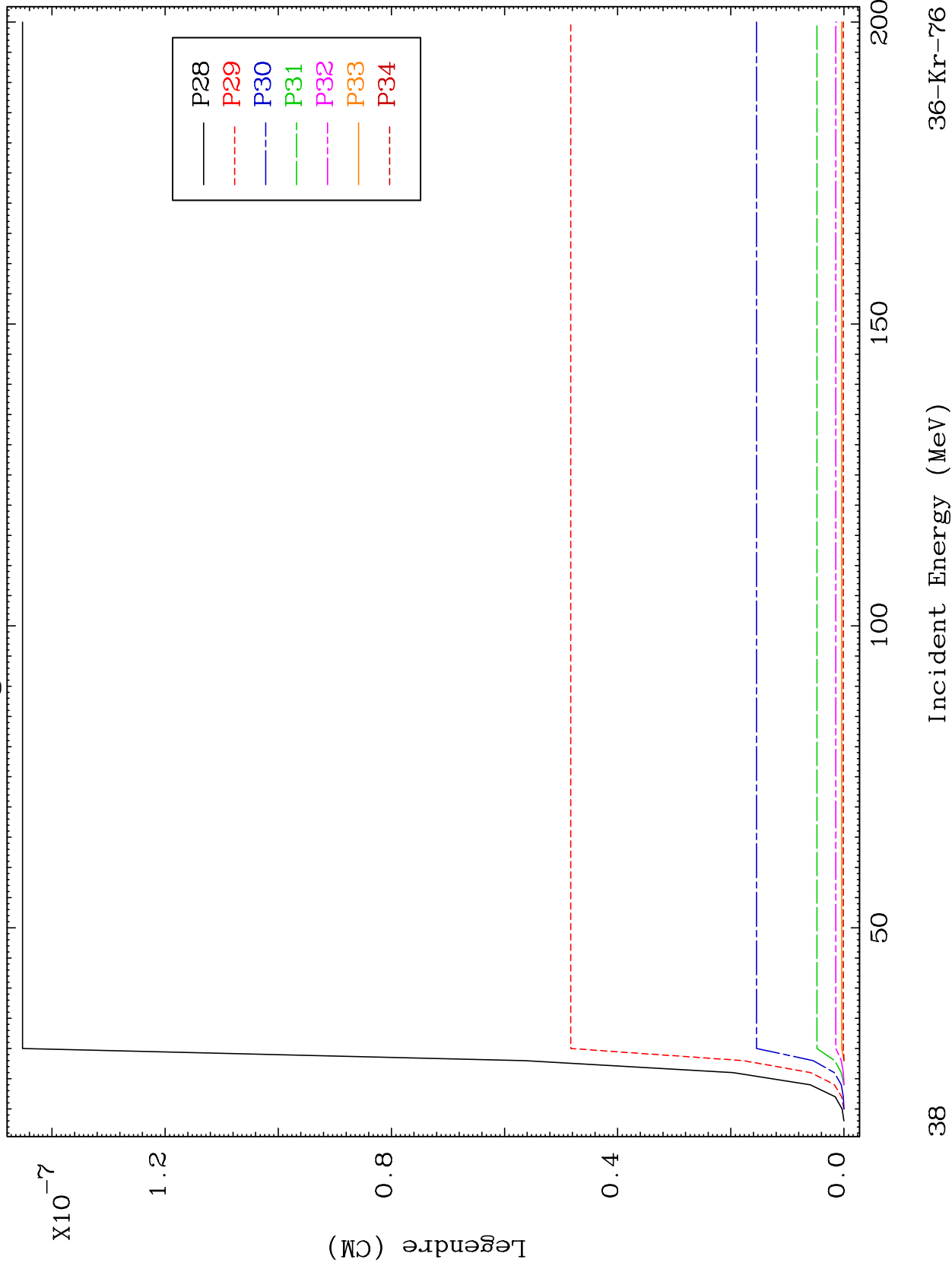
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

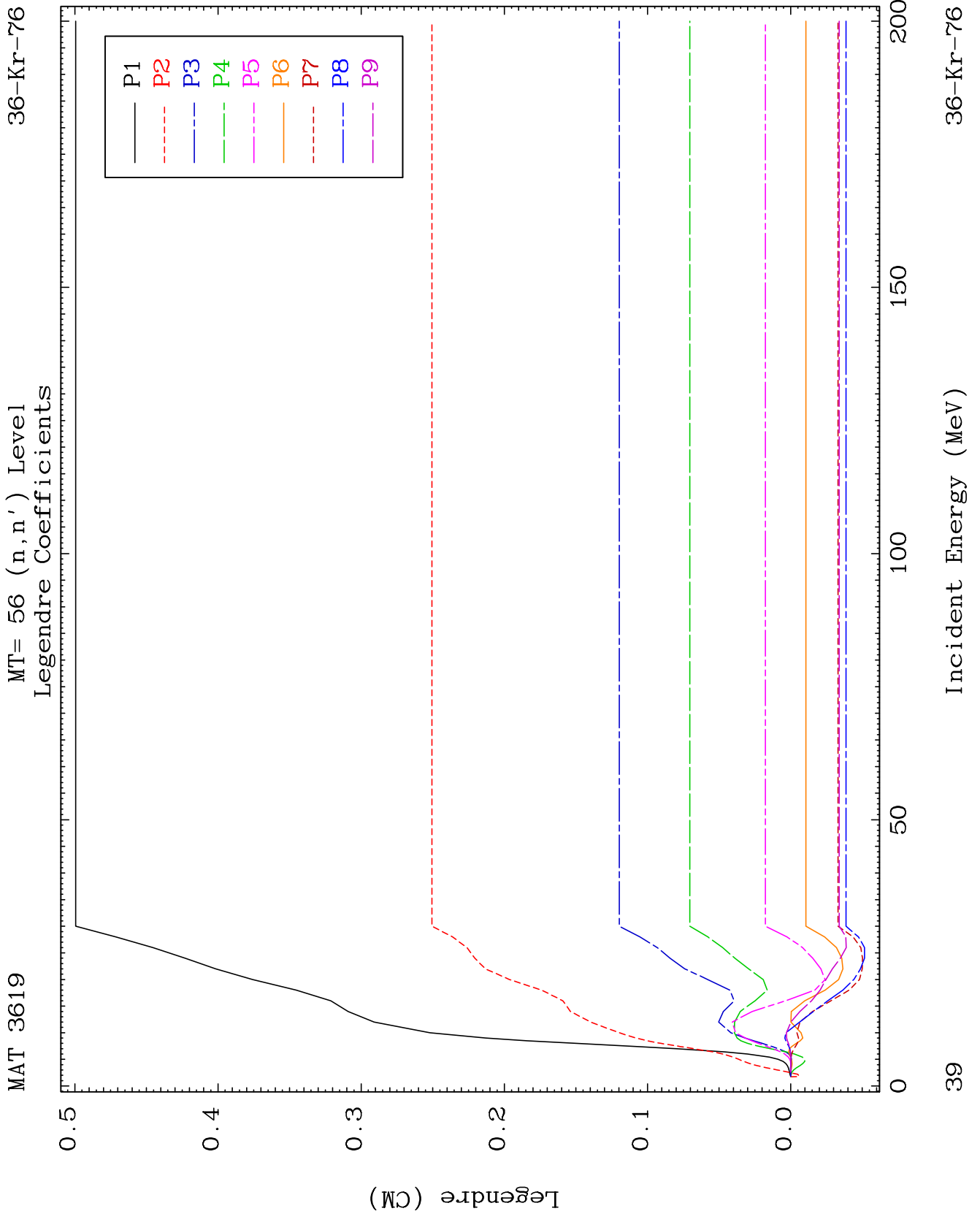
36-Kr-76



38

Incident Energy (MeV)

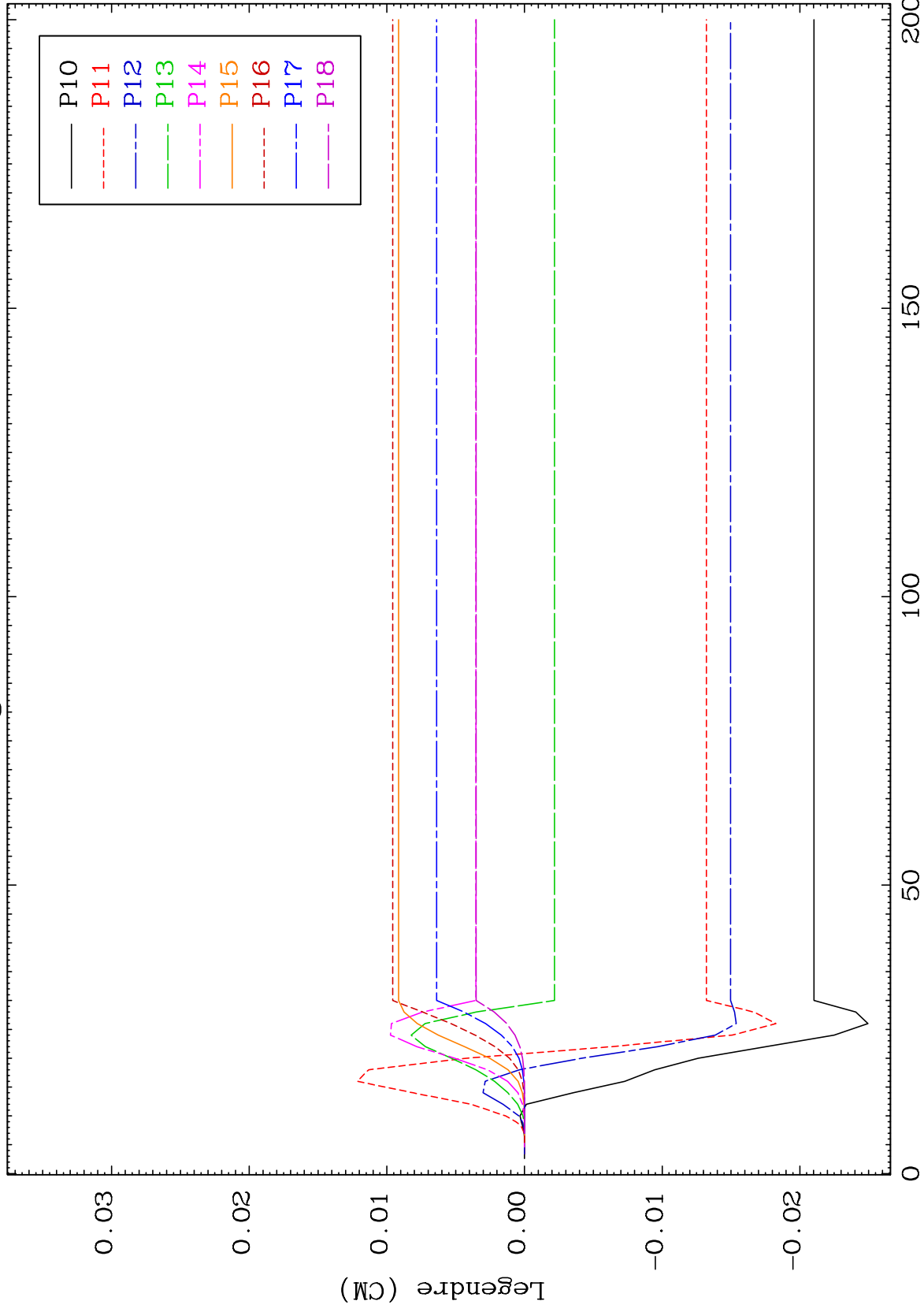
36-Kr-76



MAT 3619

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

36-Kr-76



40

Incident Energy (MeV)

50

100

150

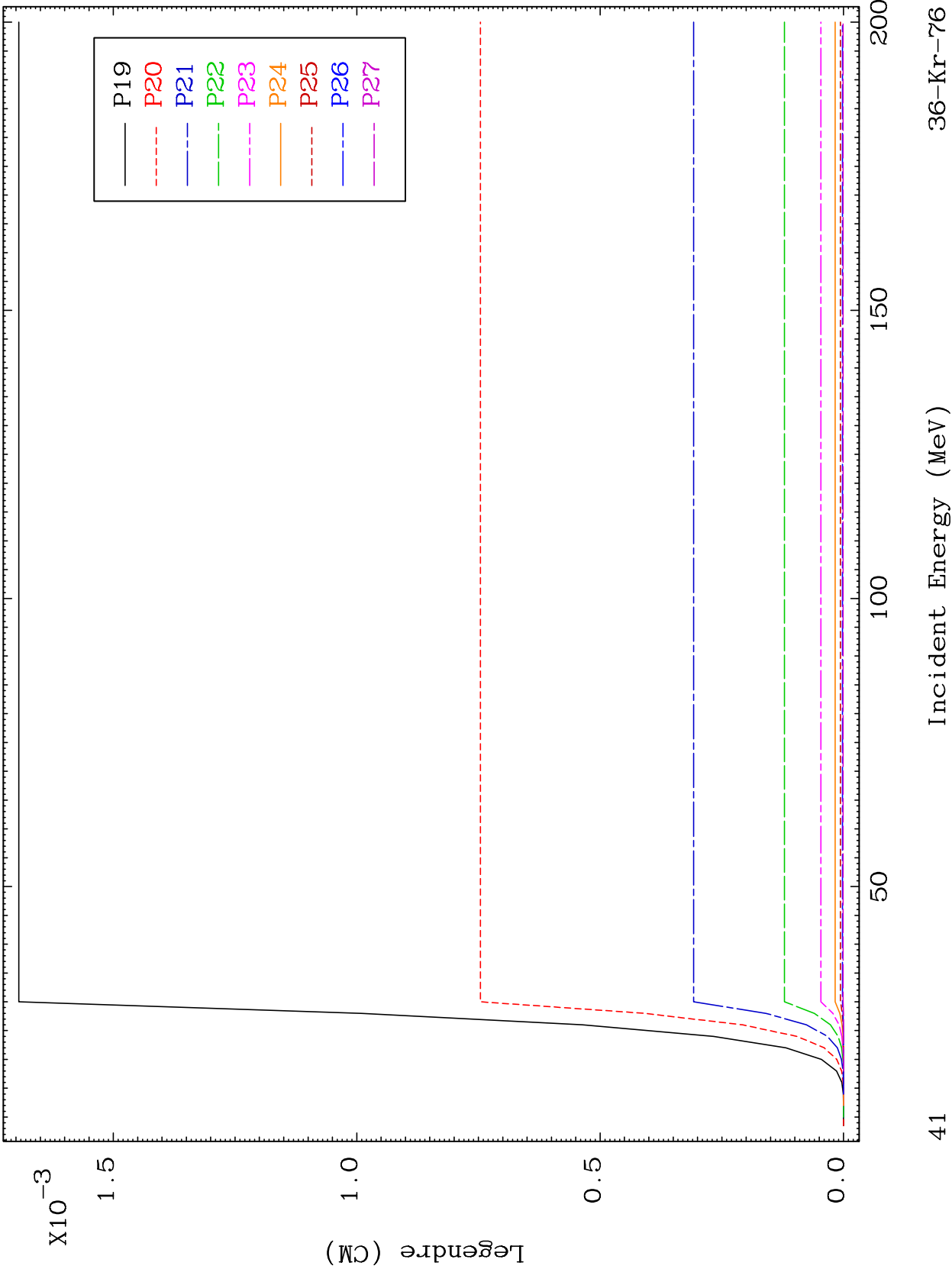
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36-Kr-76

MAT 3619

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

36-Kr-76



41

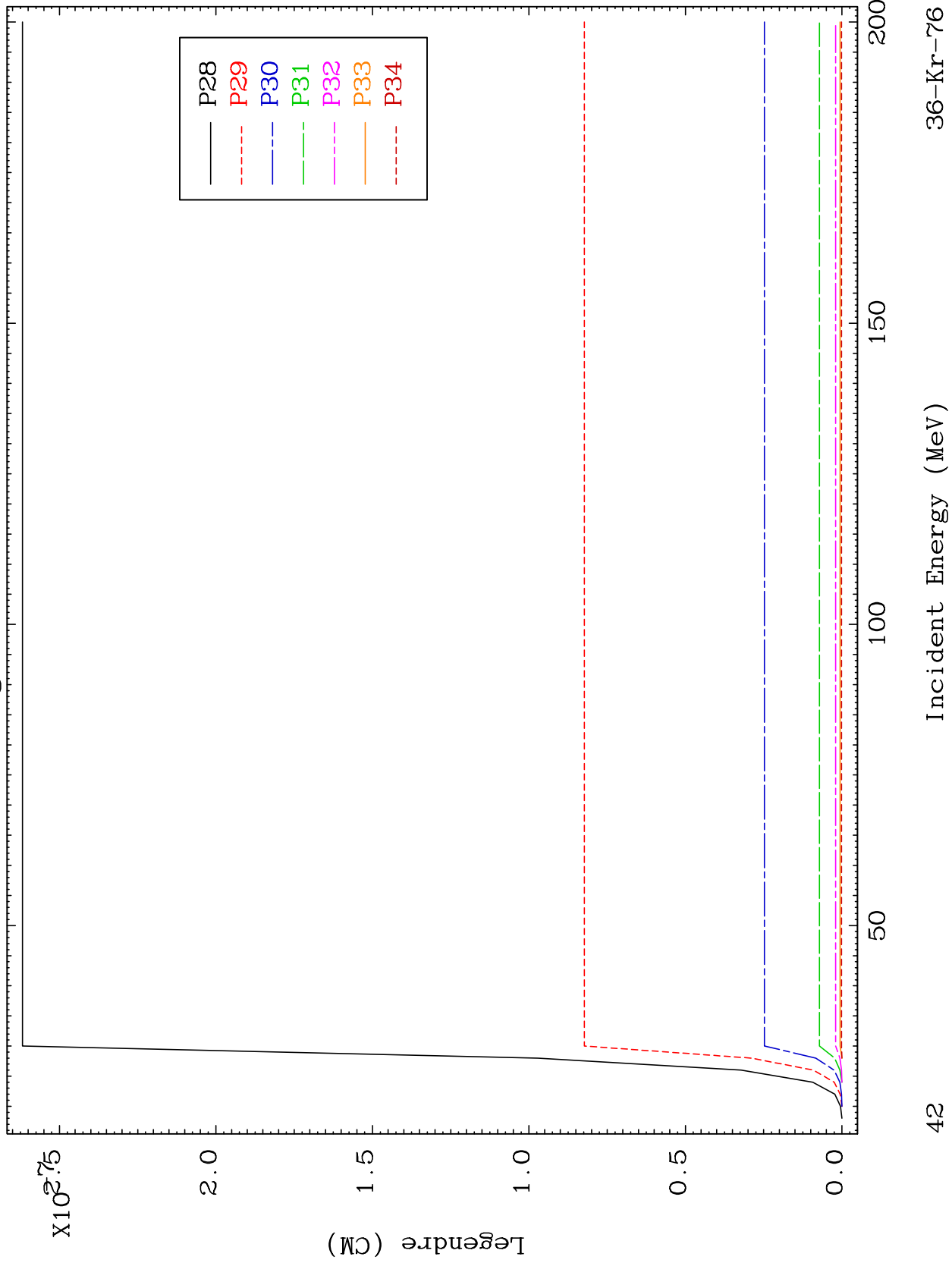
Incident Energy (MeV)

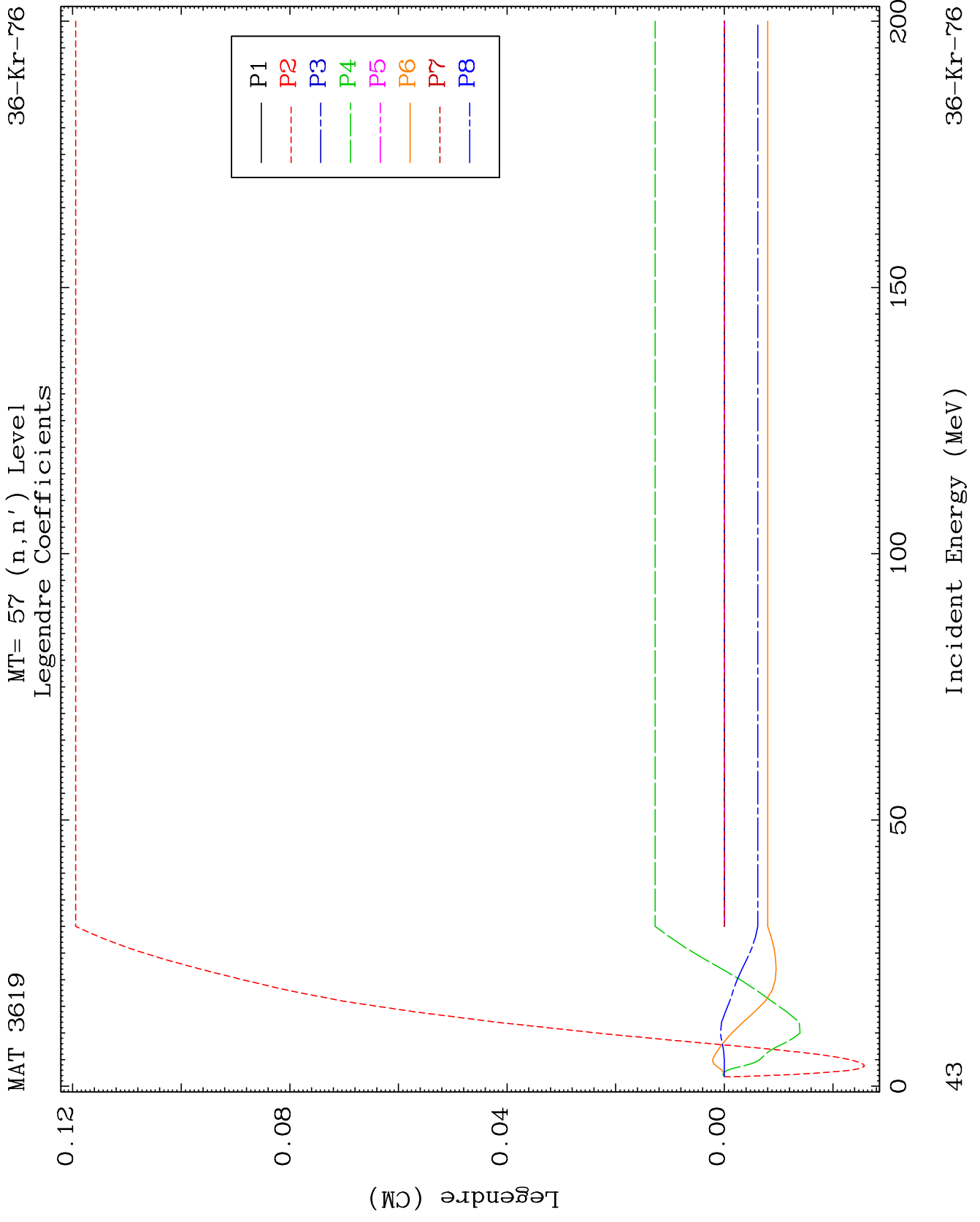
36-Kr-76

MAT 3619

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

36-Kr-76





36-Kr-76

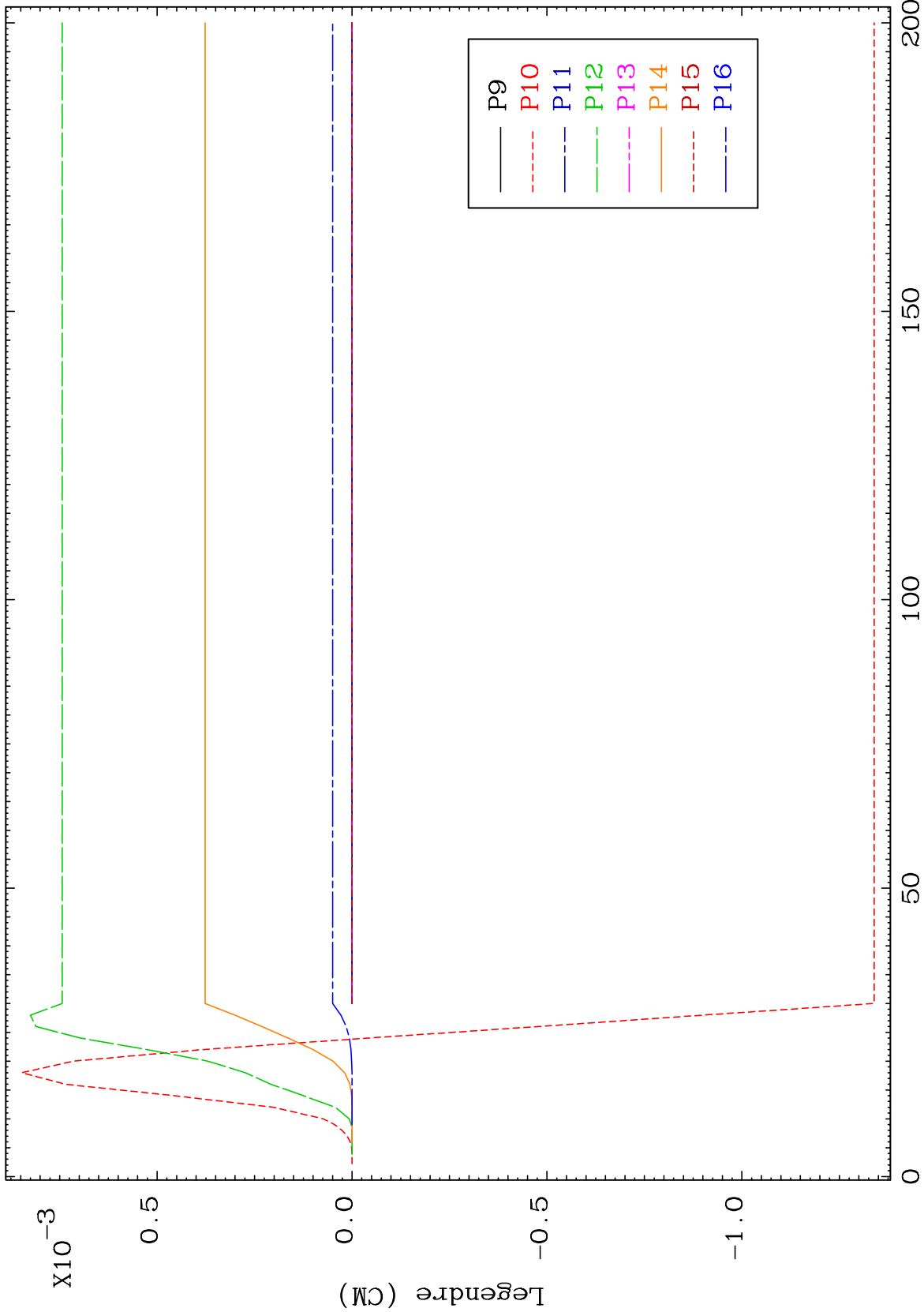
Incident Energy (MeV)

43

MAT 3619

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

36-Kr-76



44

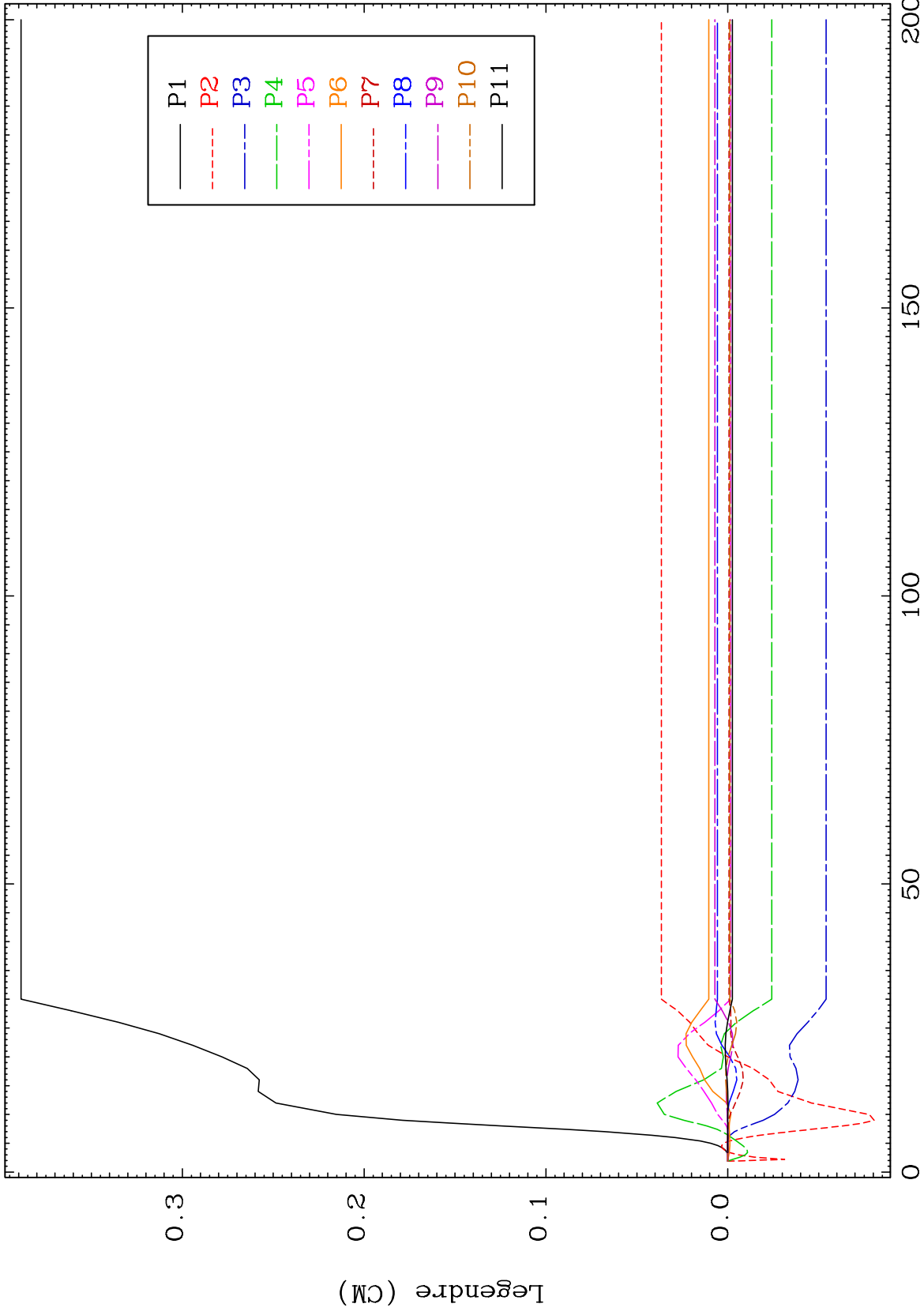
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



46

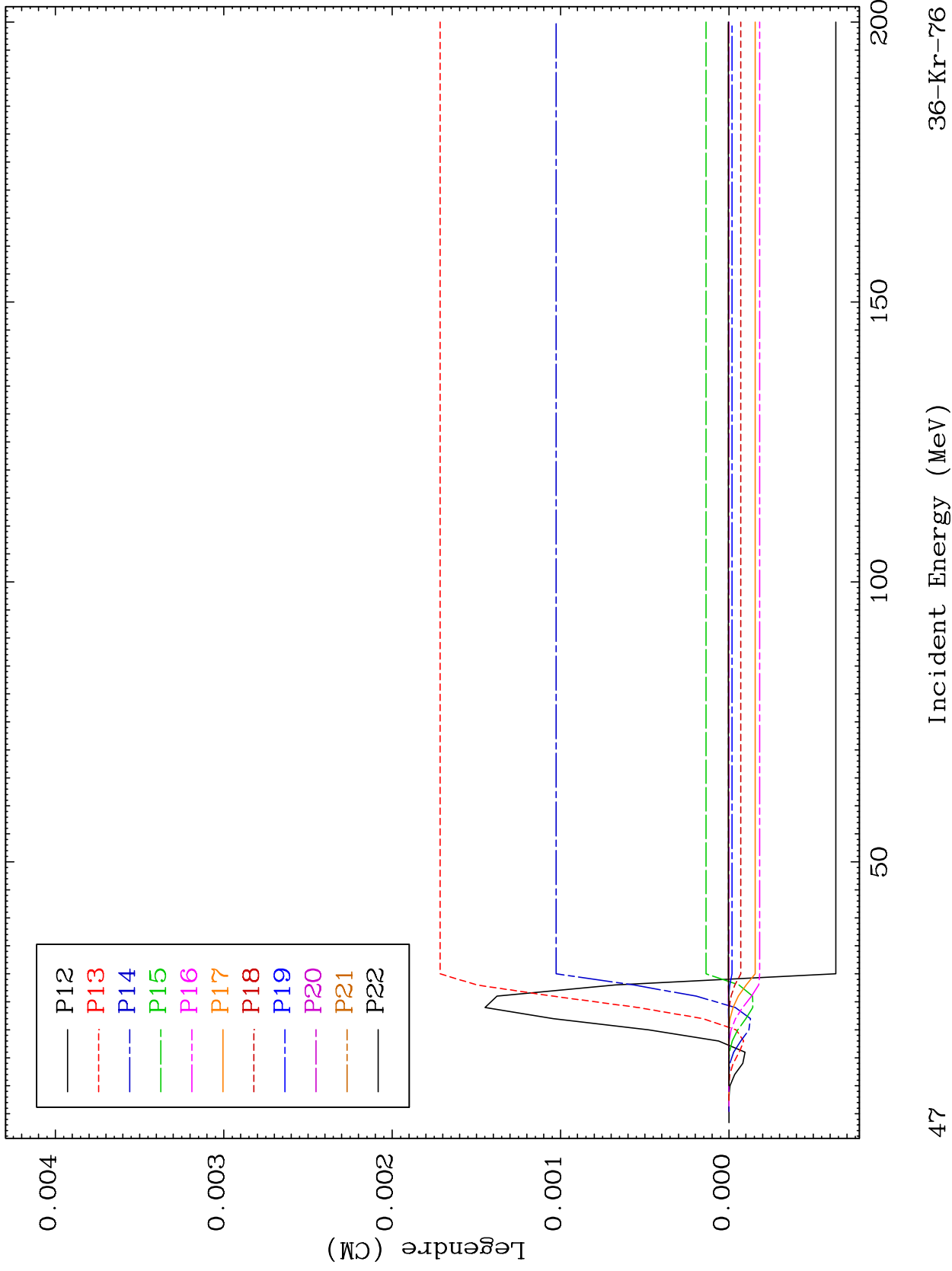
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76

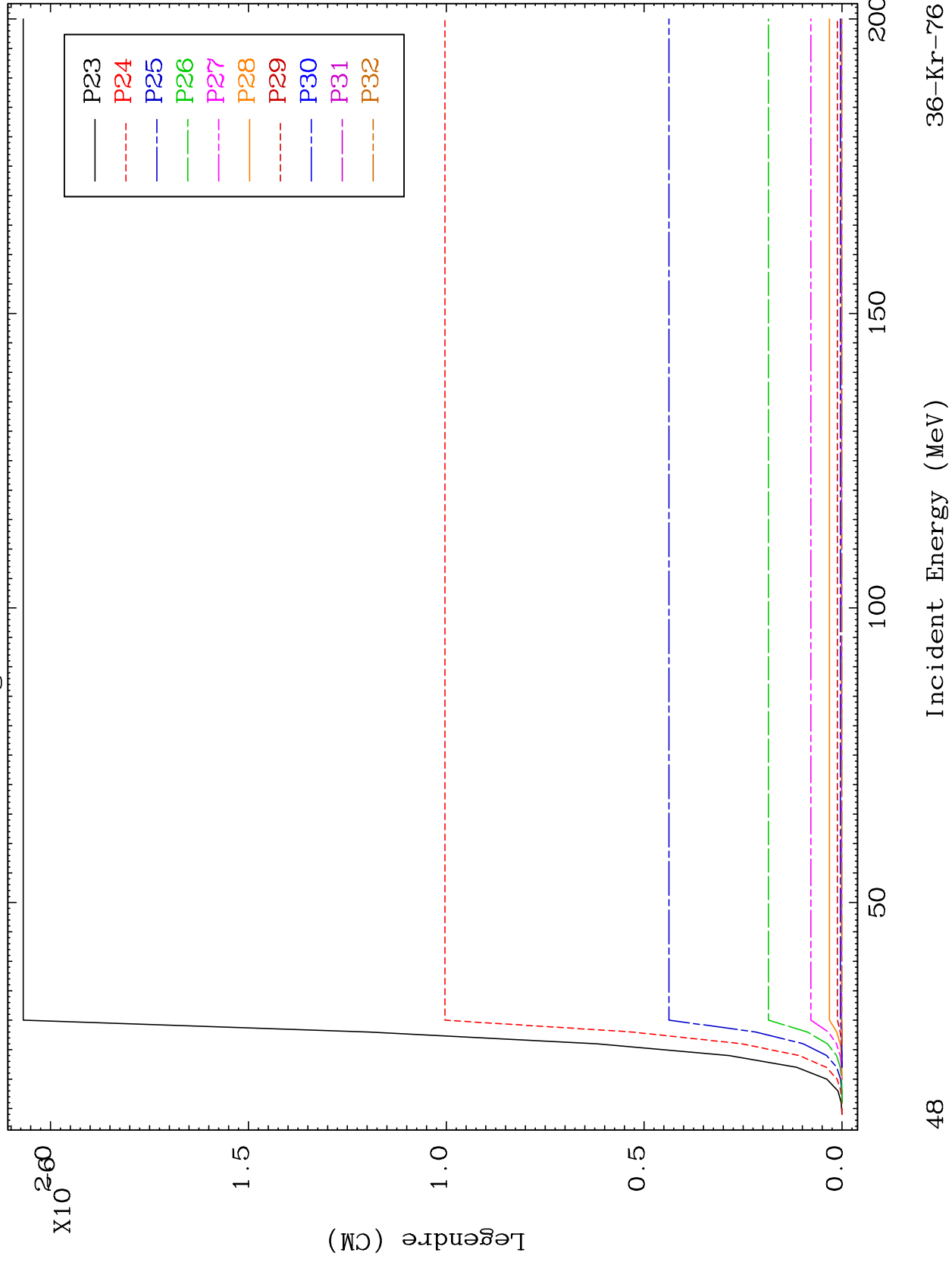


47

MAT 3619

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

36-Kr-76



48

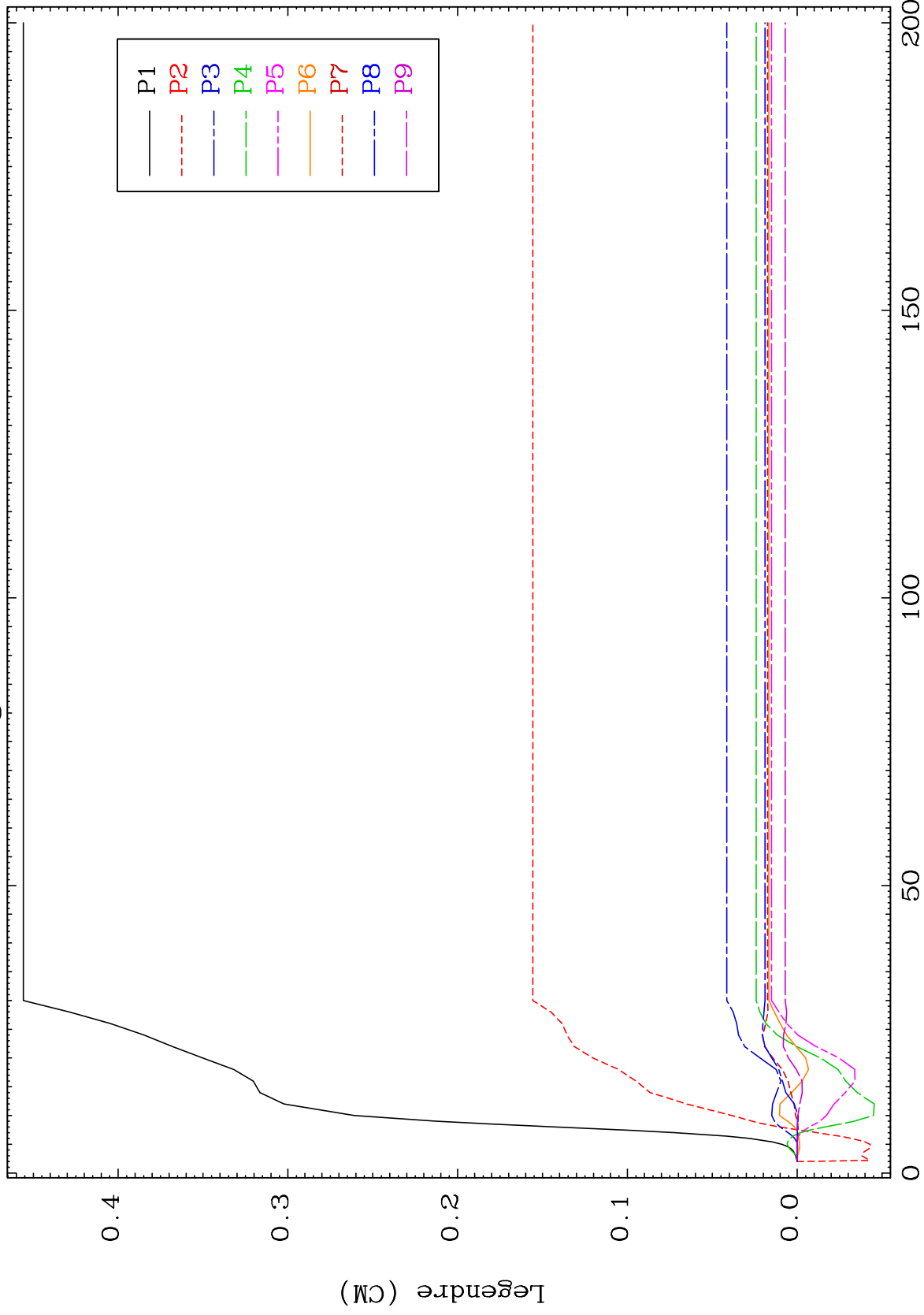
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



49

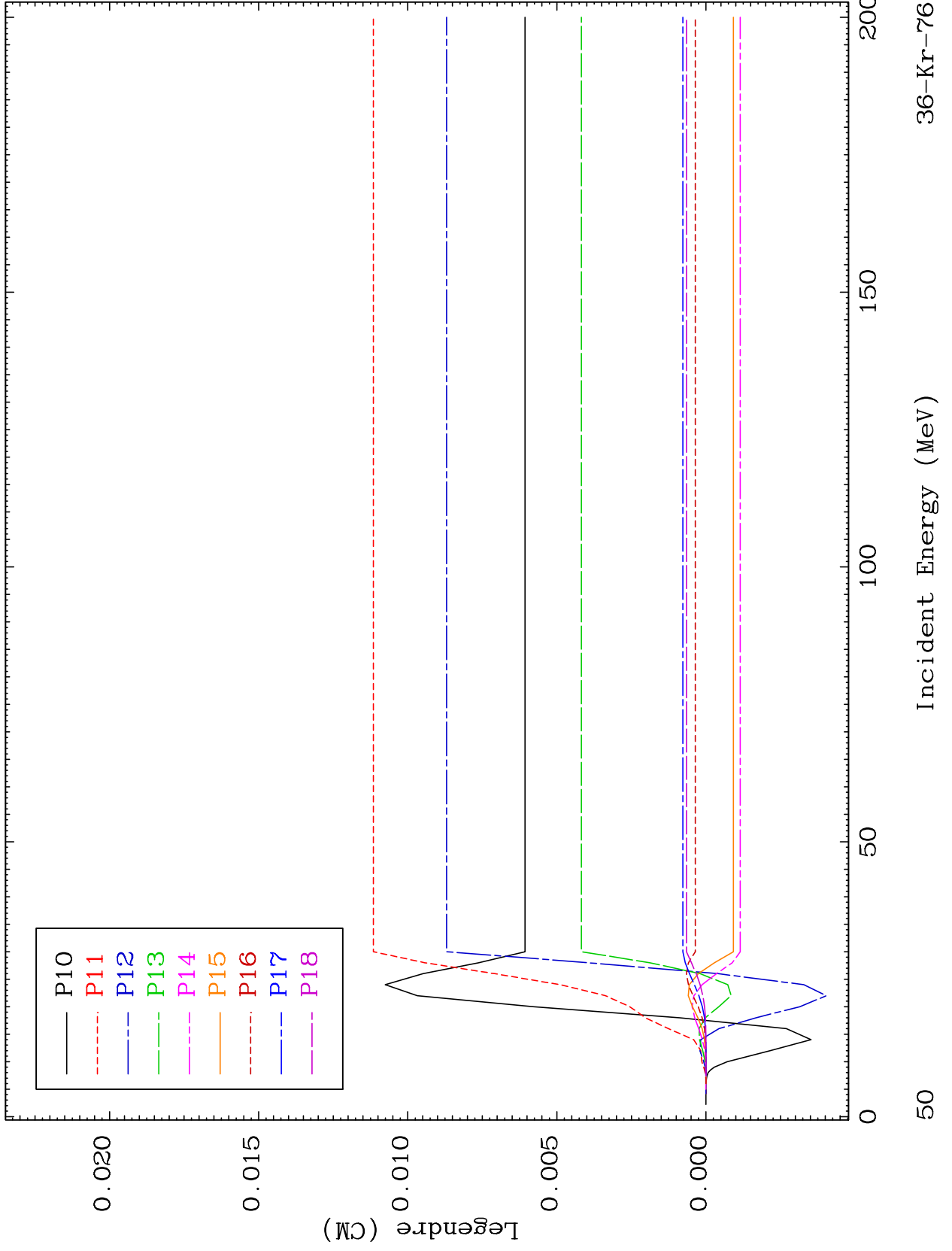
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76

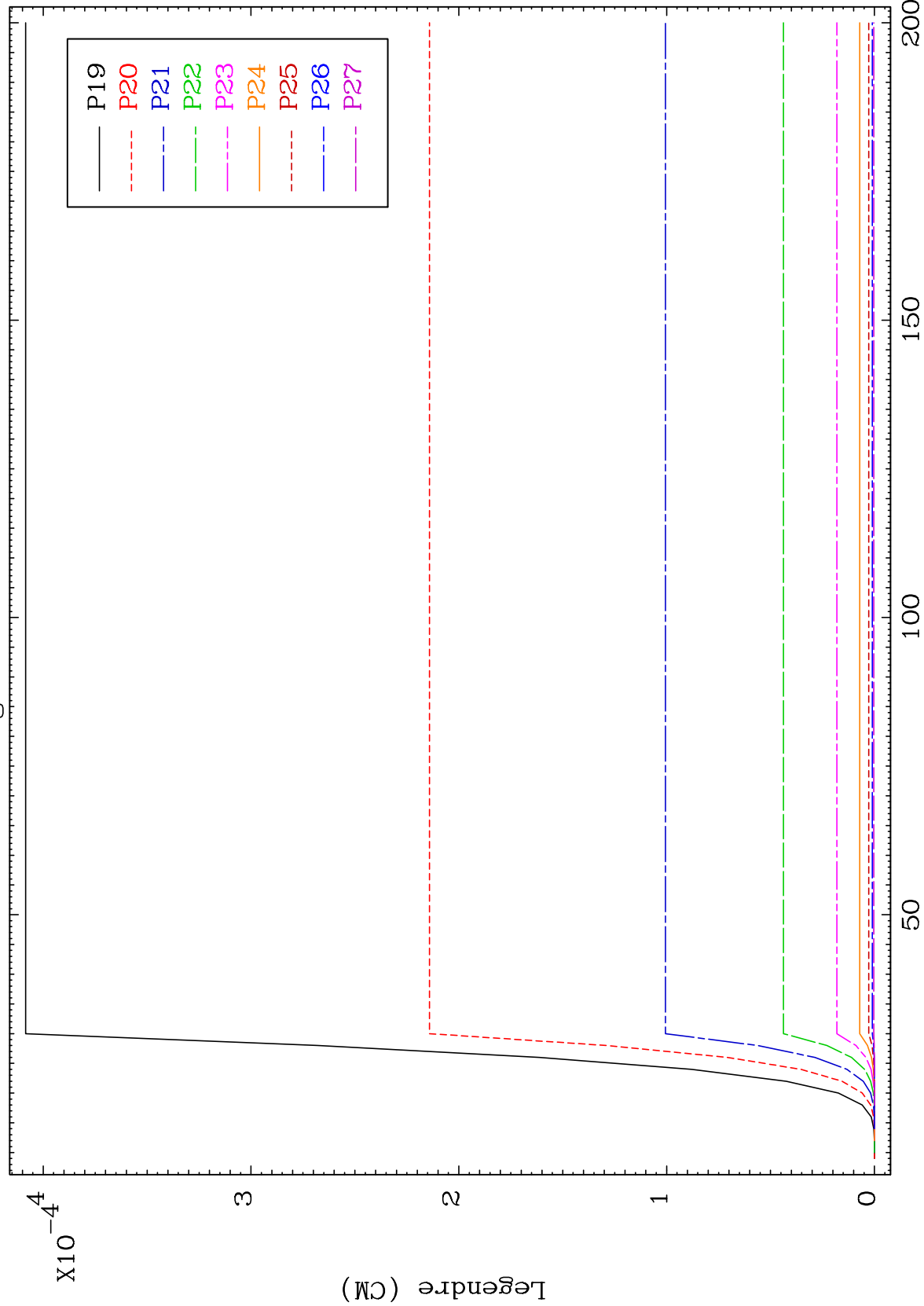


36-Kr-76

MAT 3619

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

36-Kr-76



51

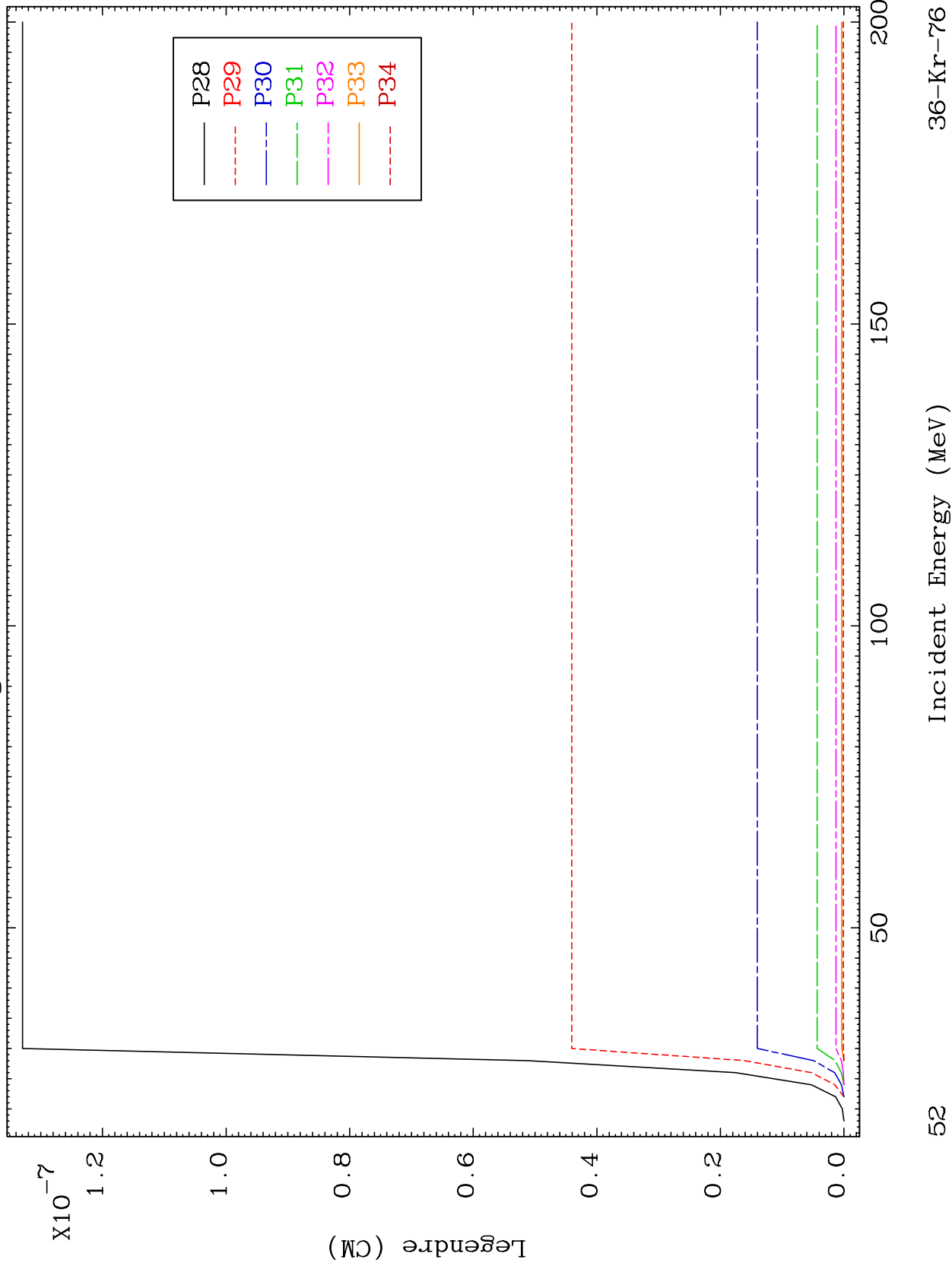
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



52

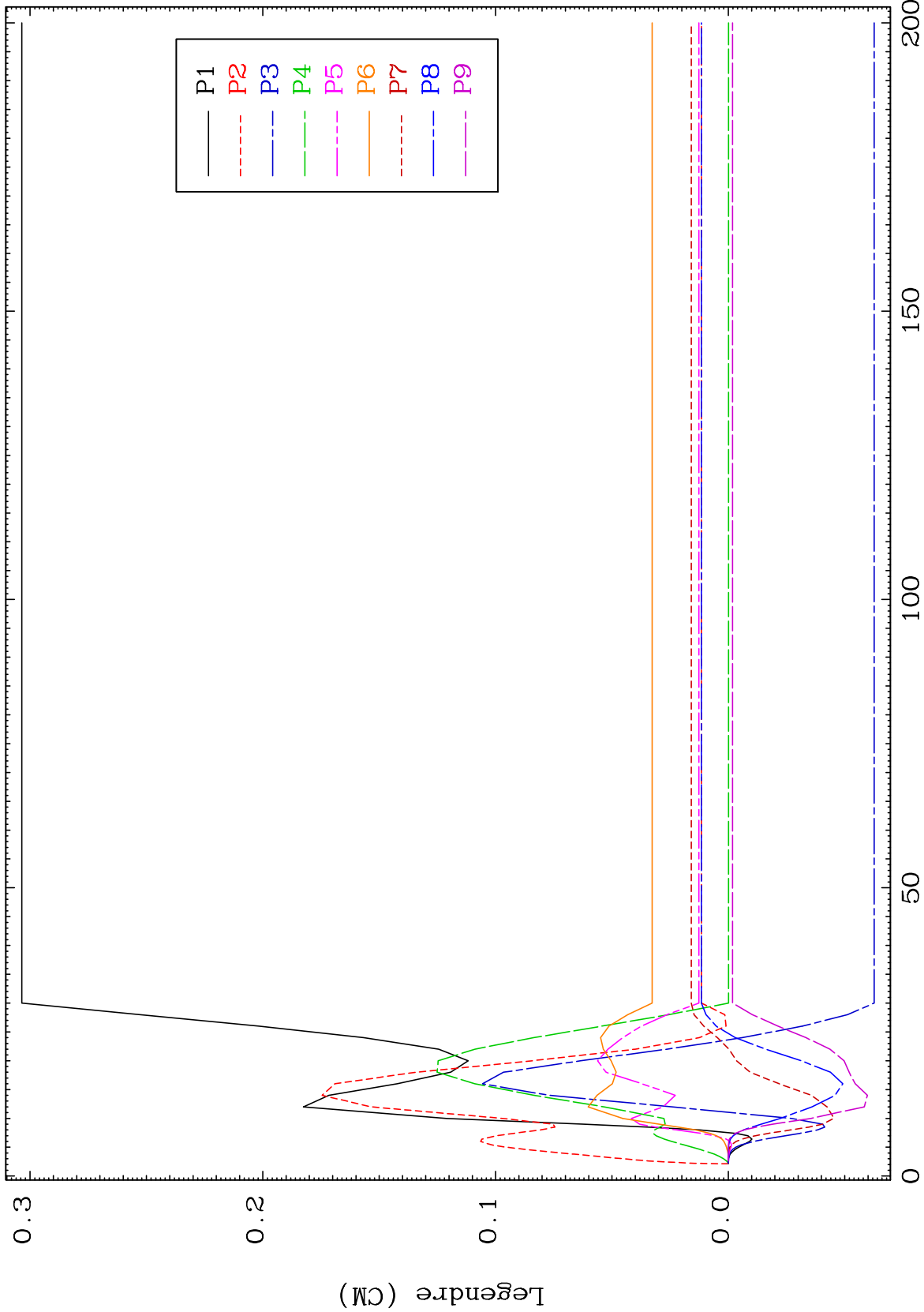
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



53

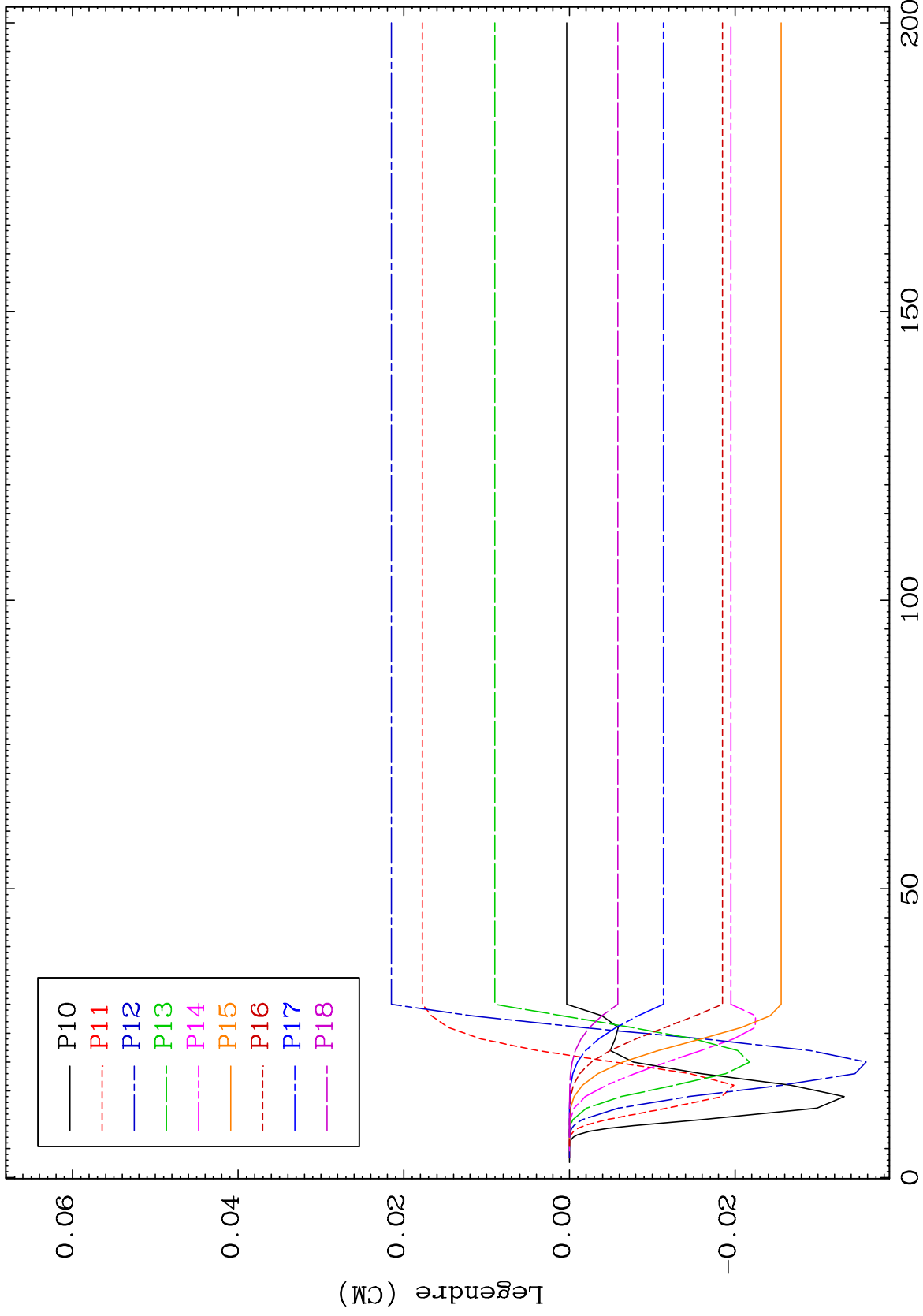
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



54

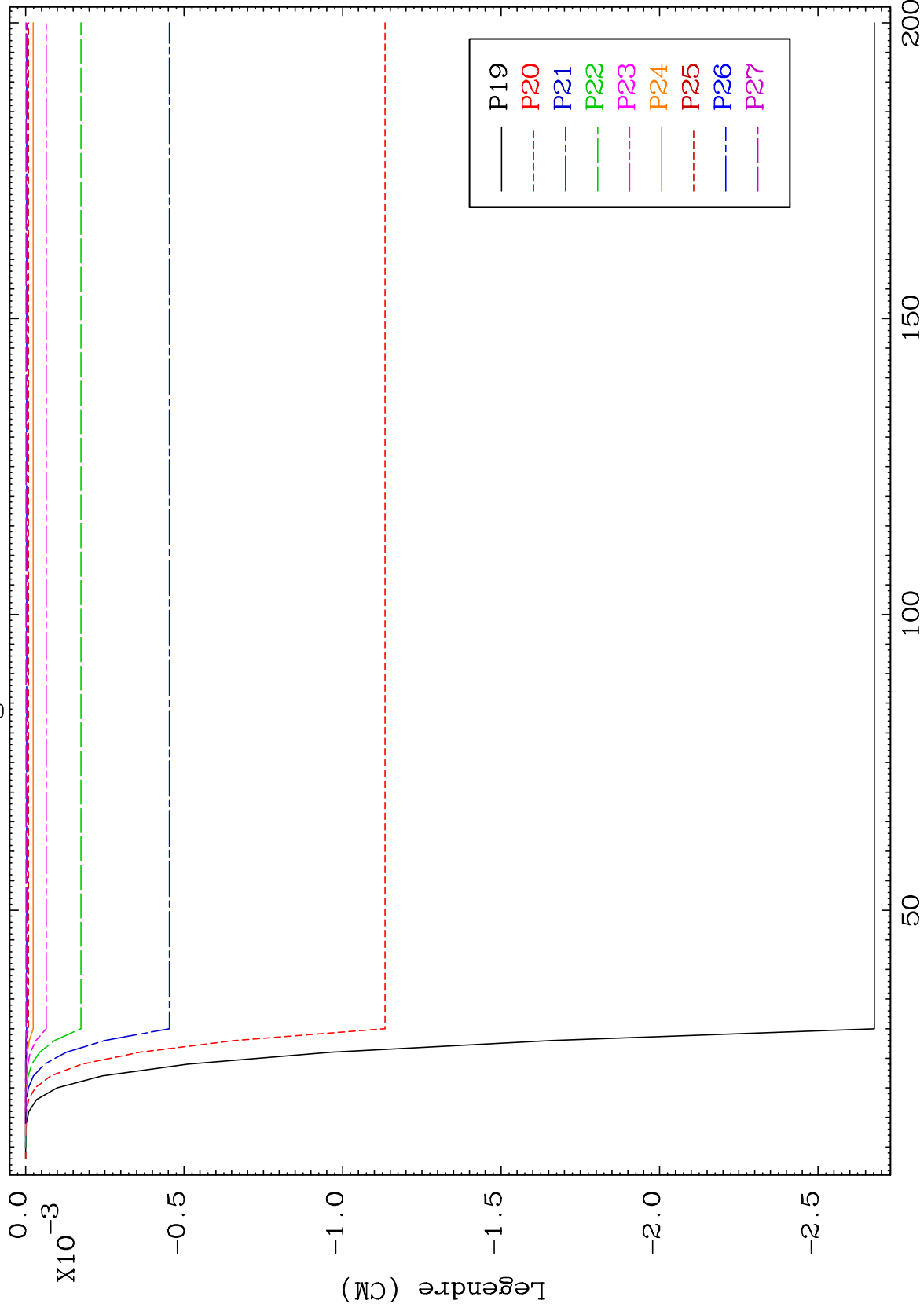
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

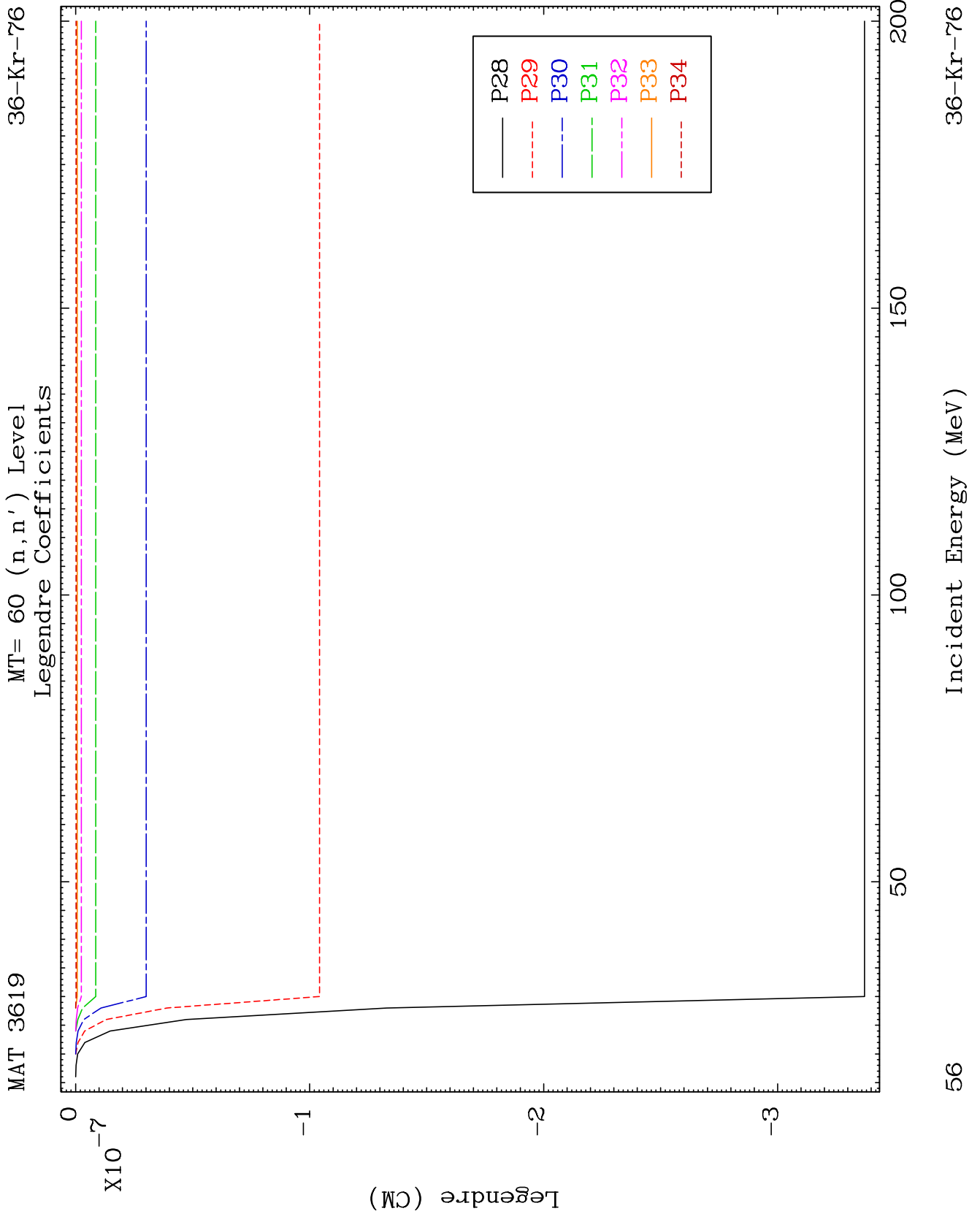
36-Kr-76



55

Incident Energy (MeV)

36-Kr-76



MAT 3619

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

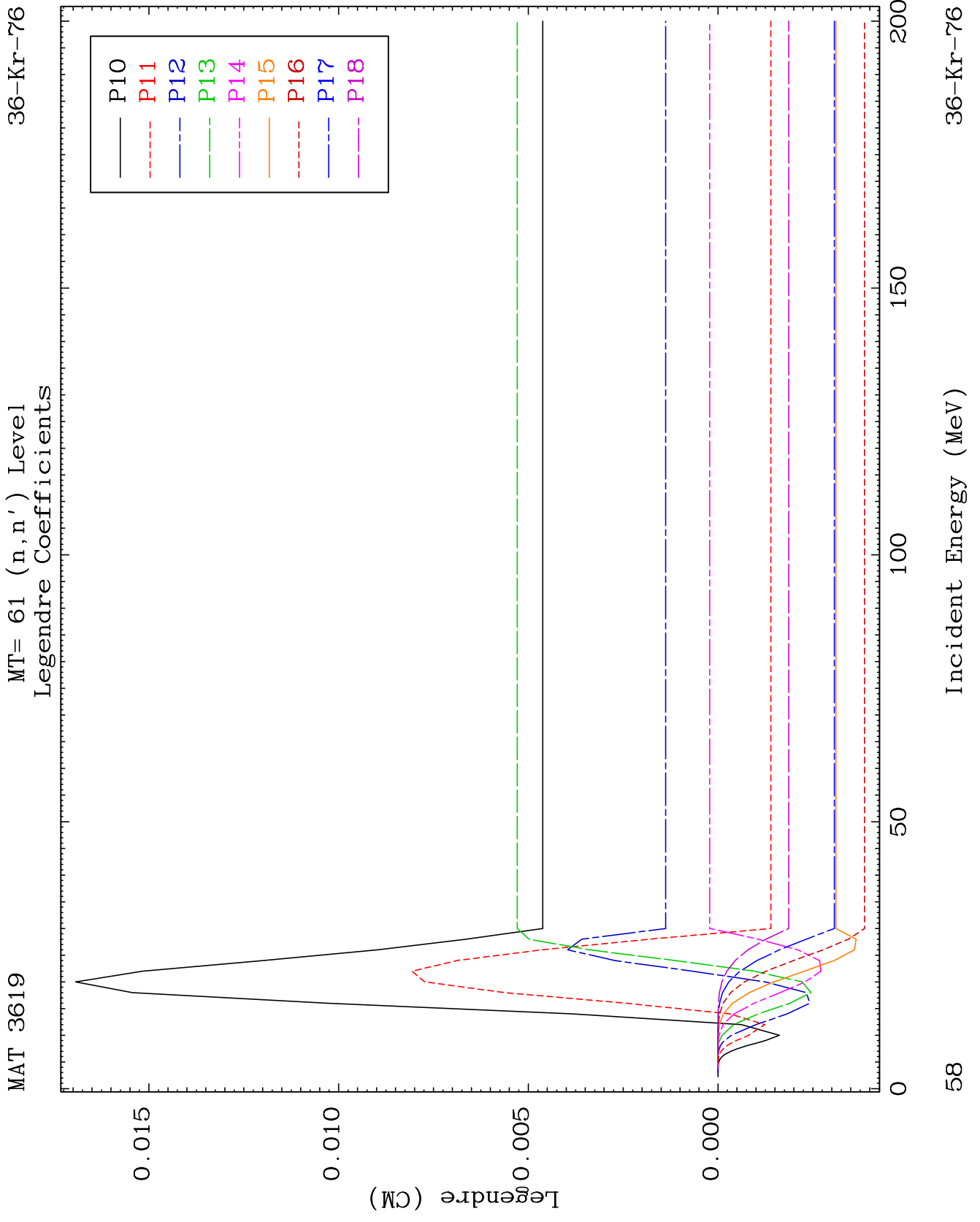
36-Kr-76

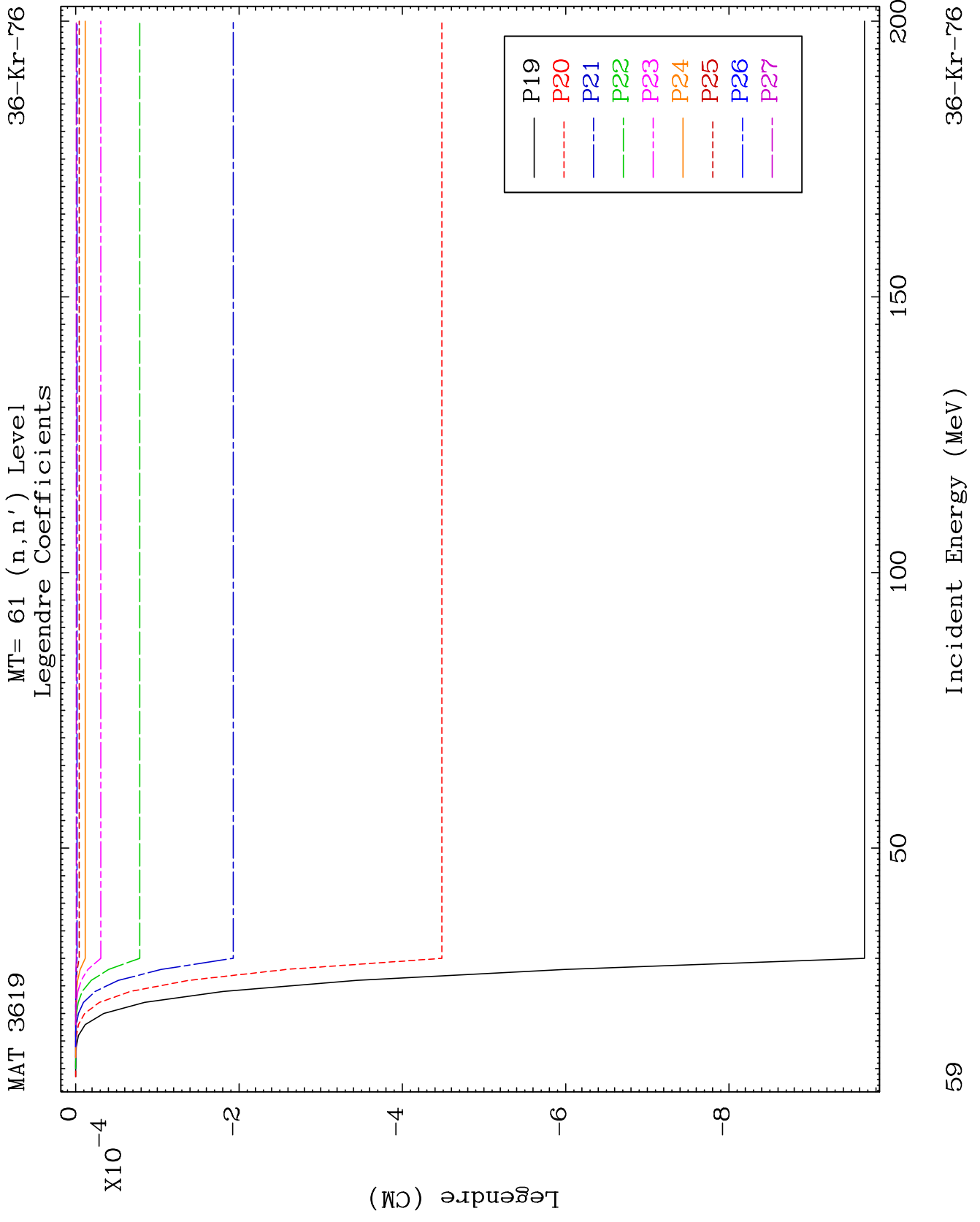


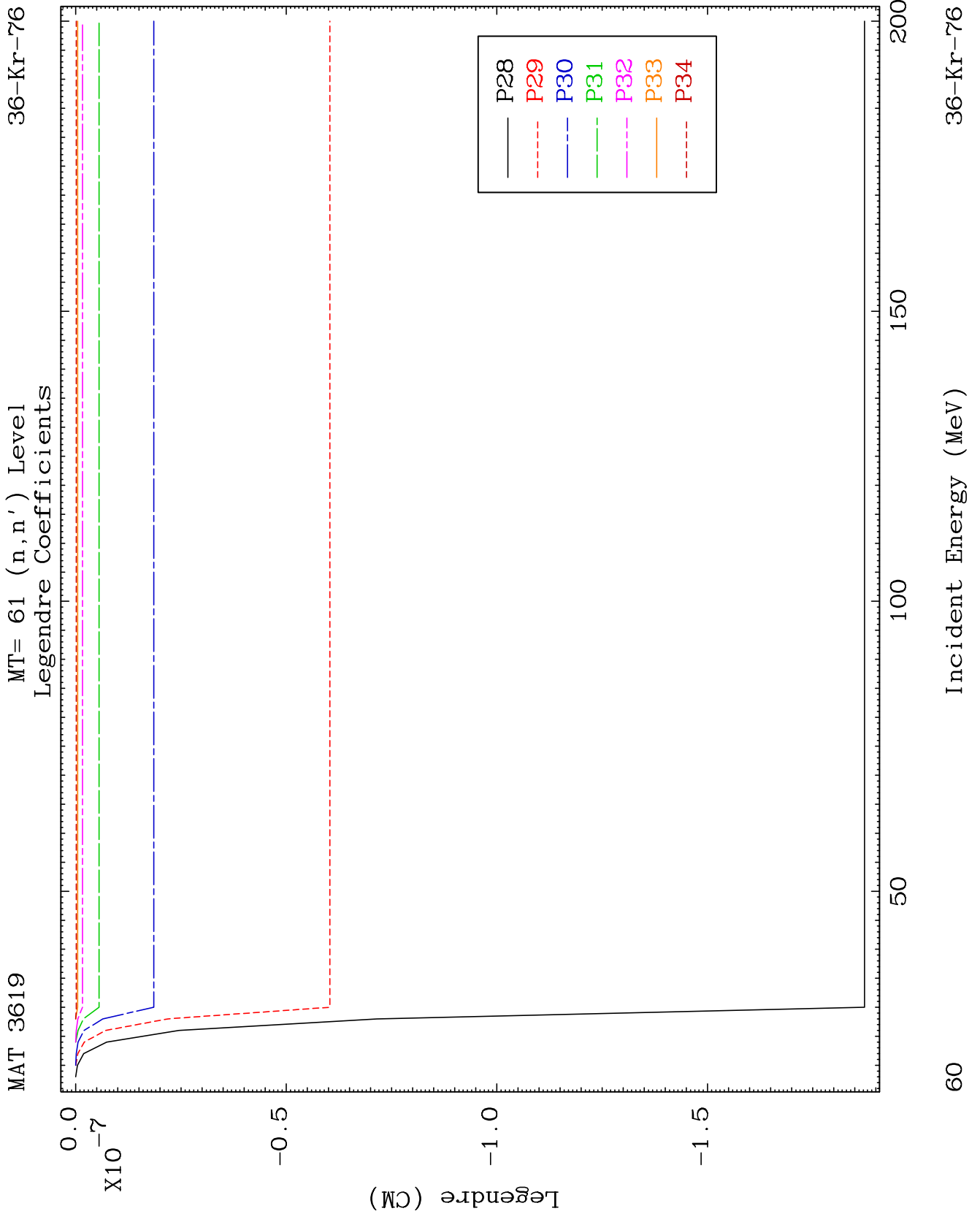
57

Incident Energy (MeV)

36-Kr-76



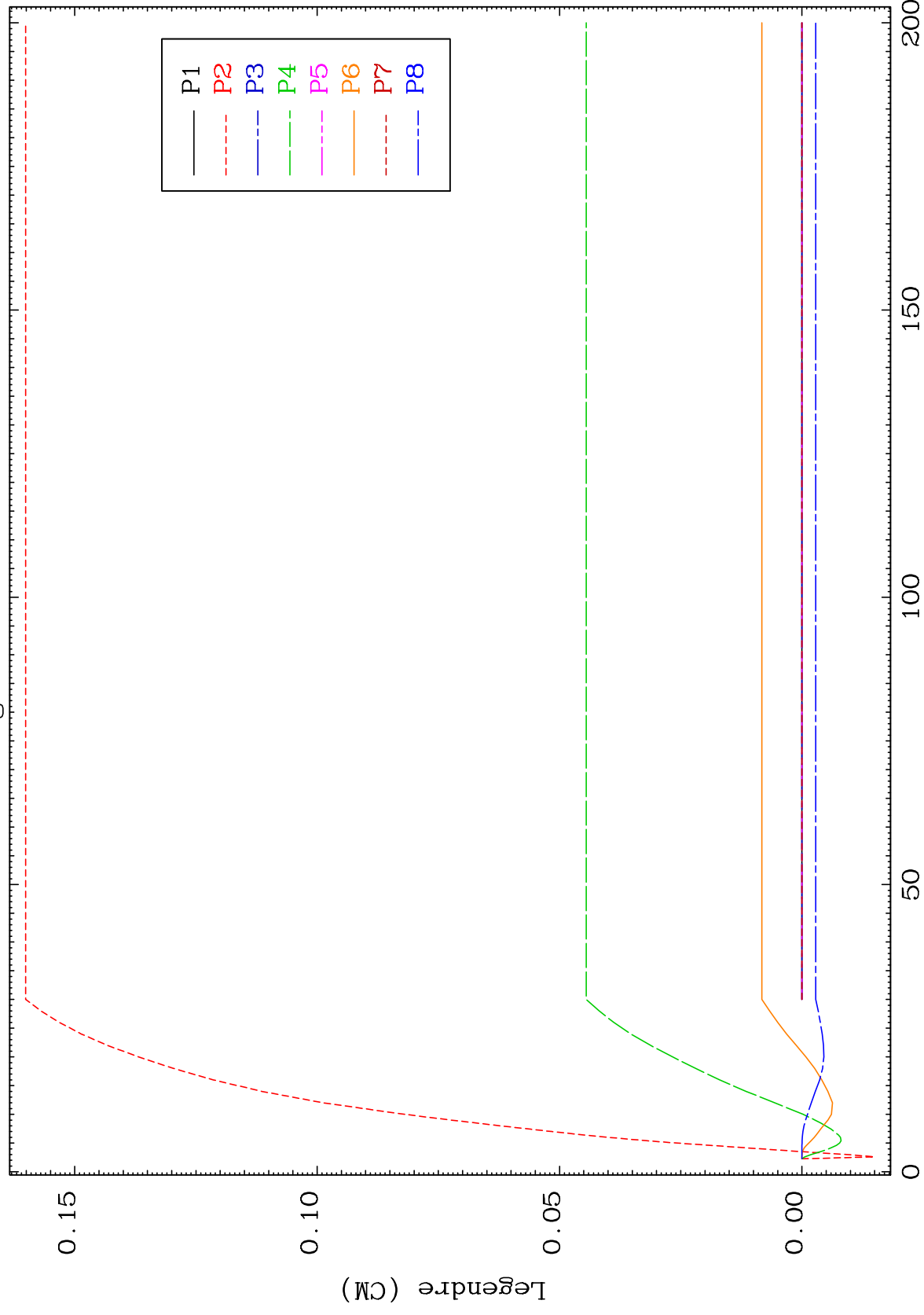




MAT 3619

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

36-Kr-76



61

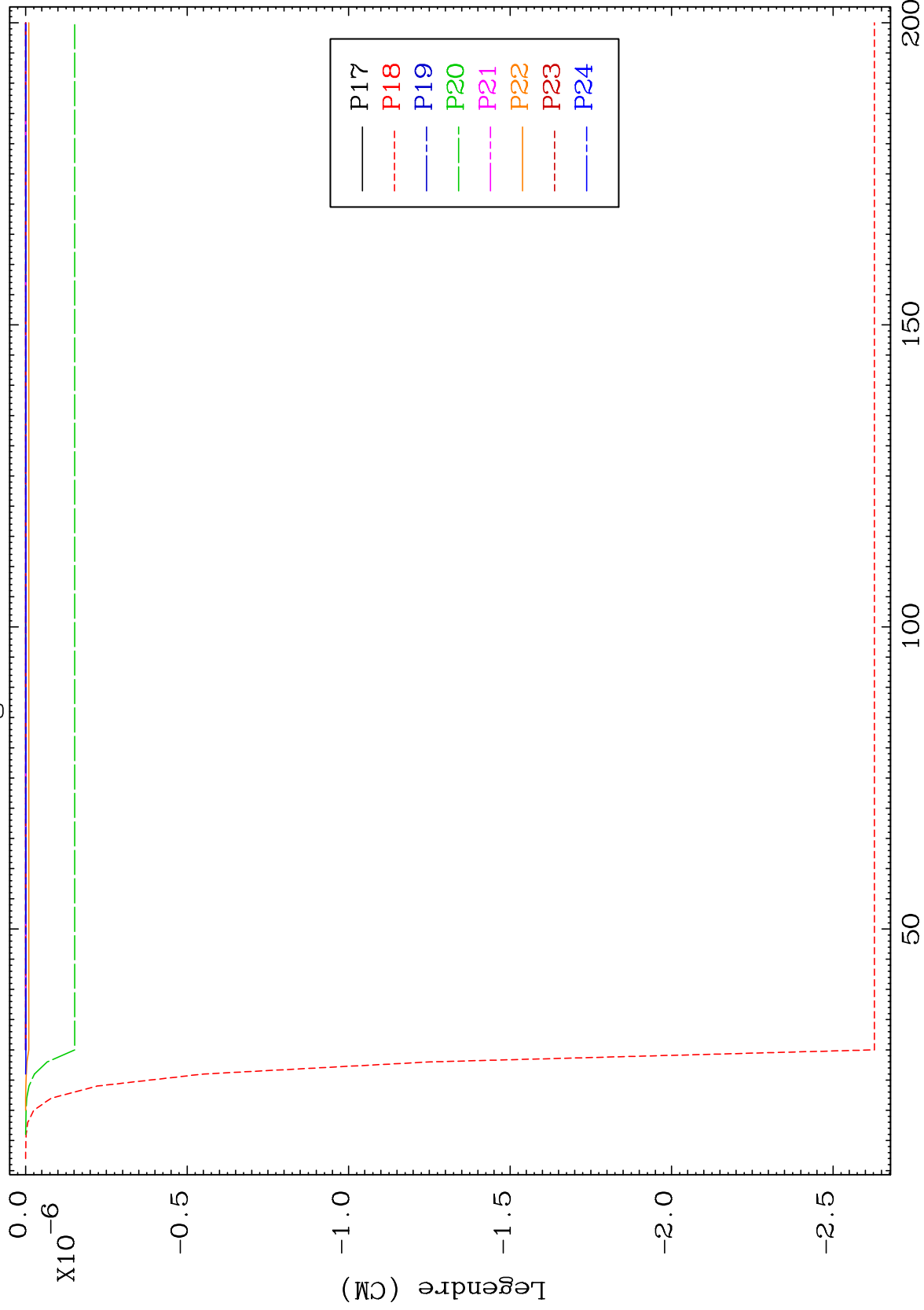
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



63

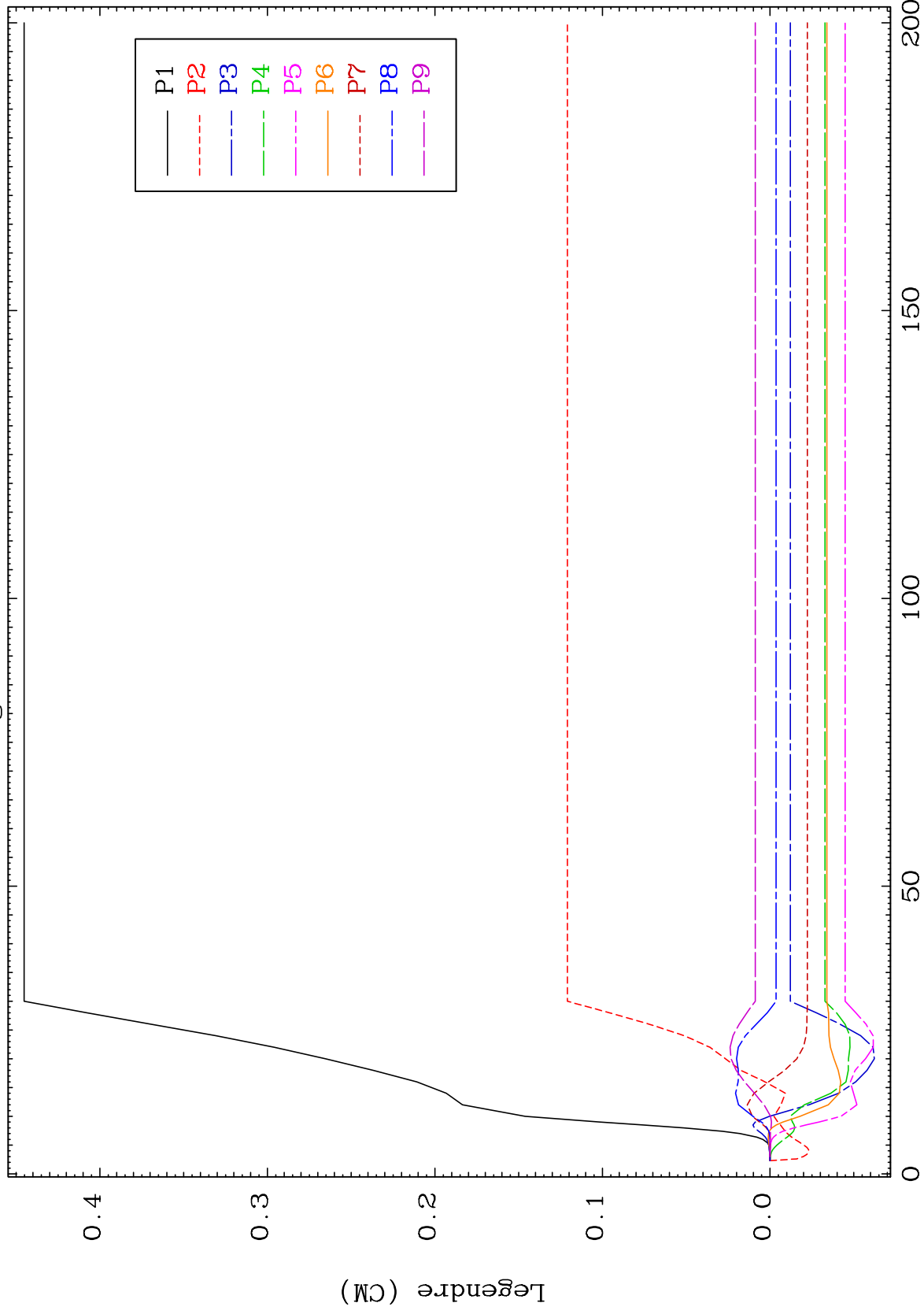
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

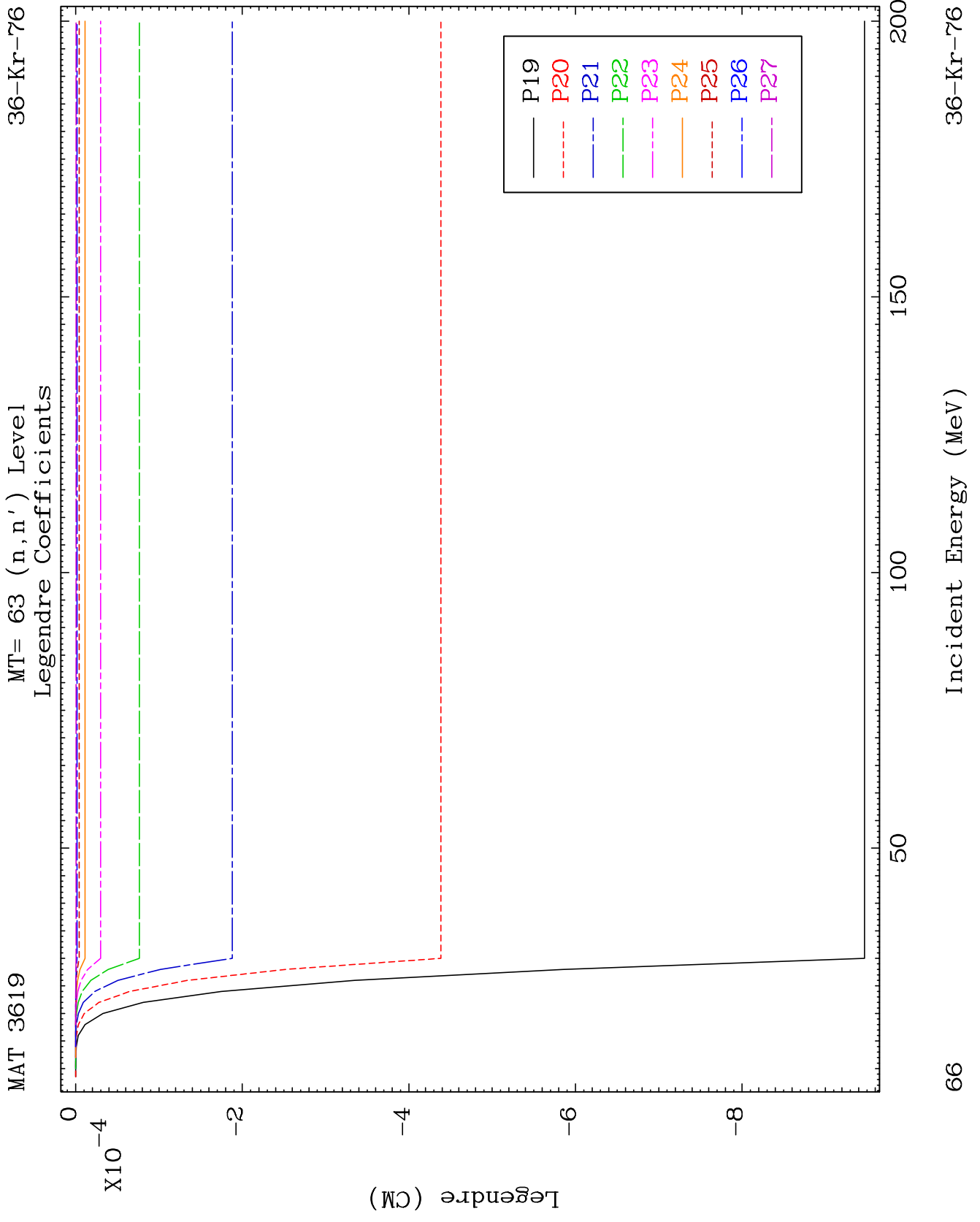
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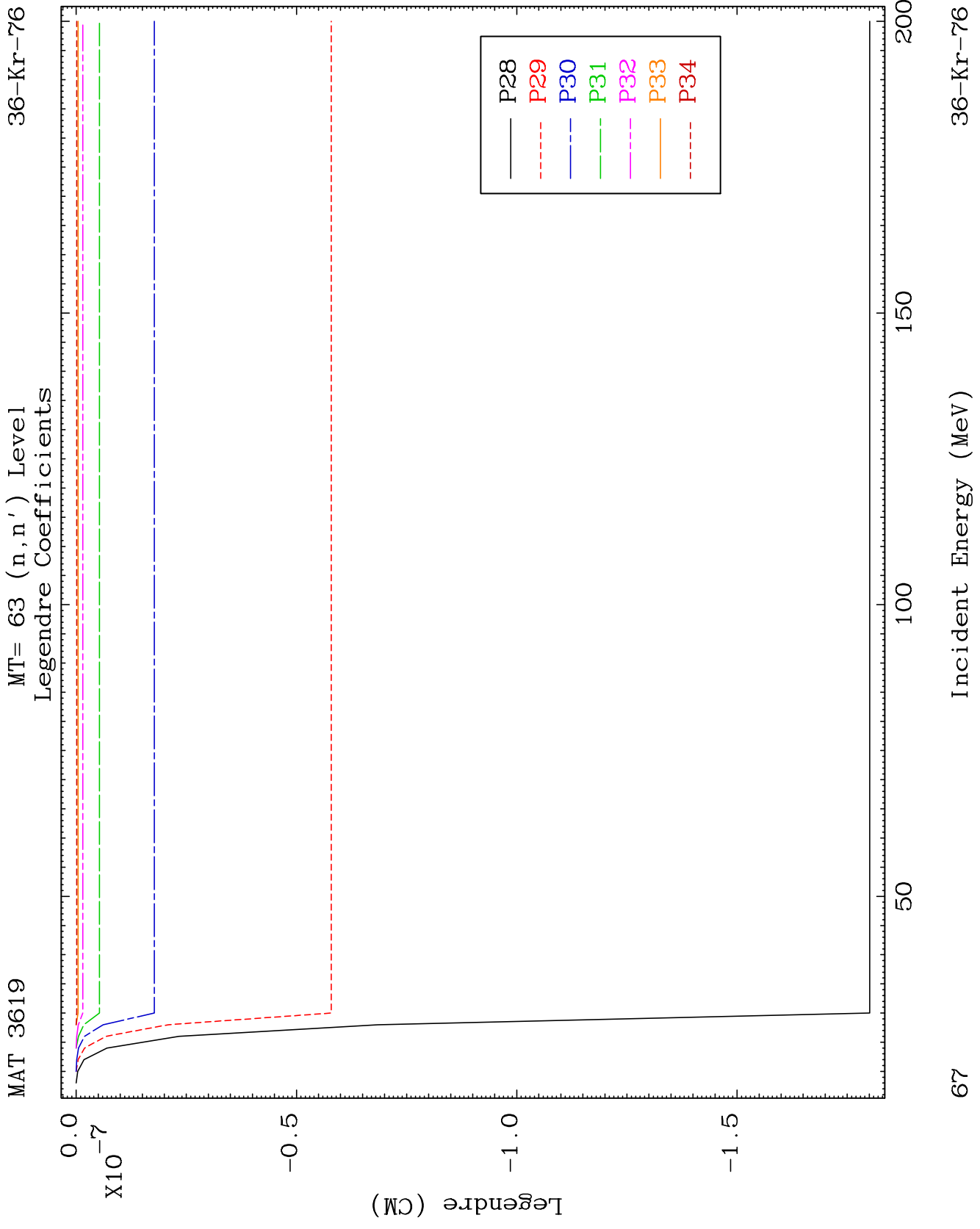


64

Incident Energy (MeV)

36-Kr-76

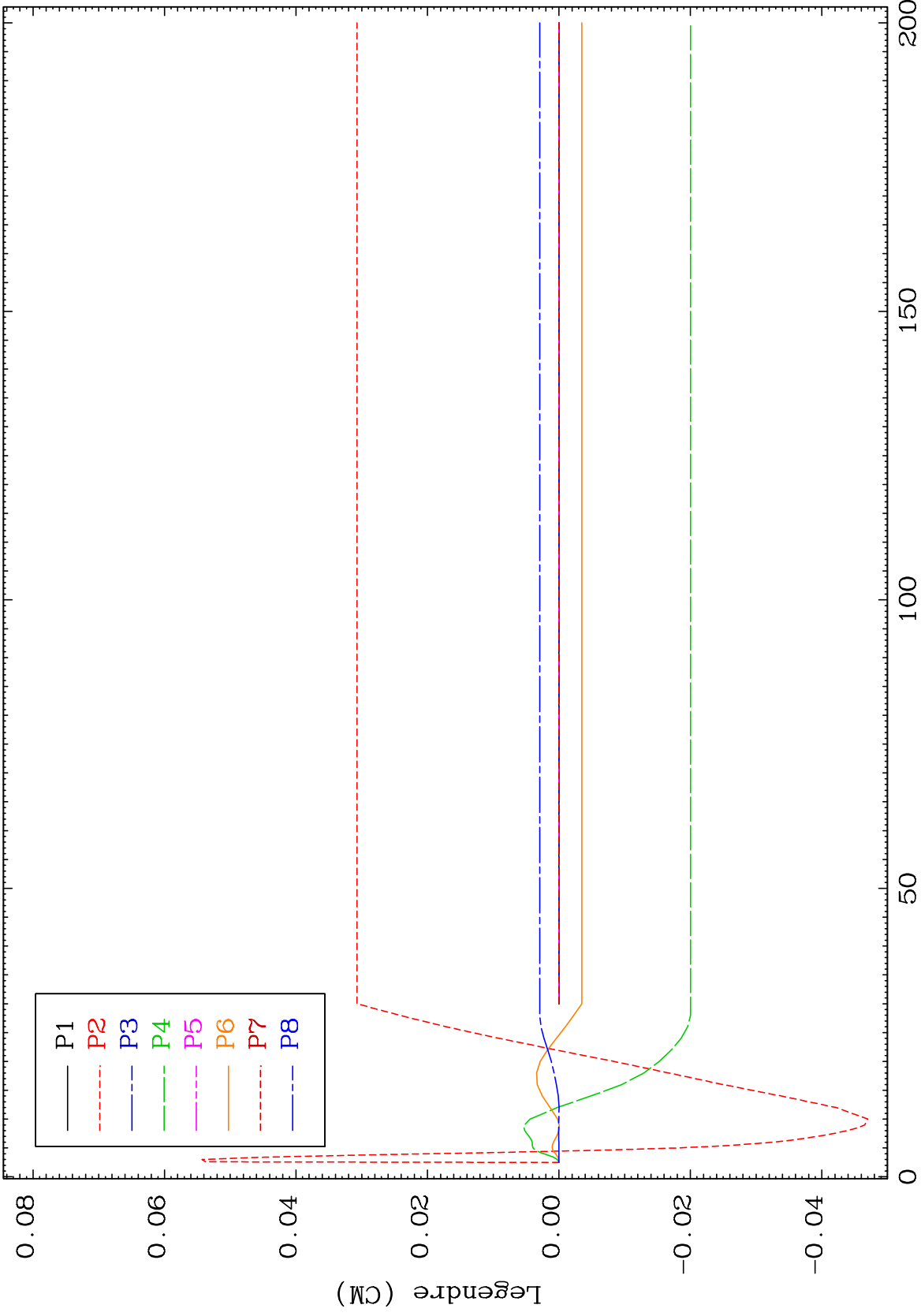




MAT 3619

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

36-Kr-76



68

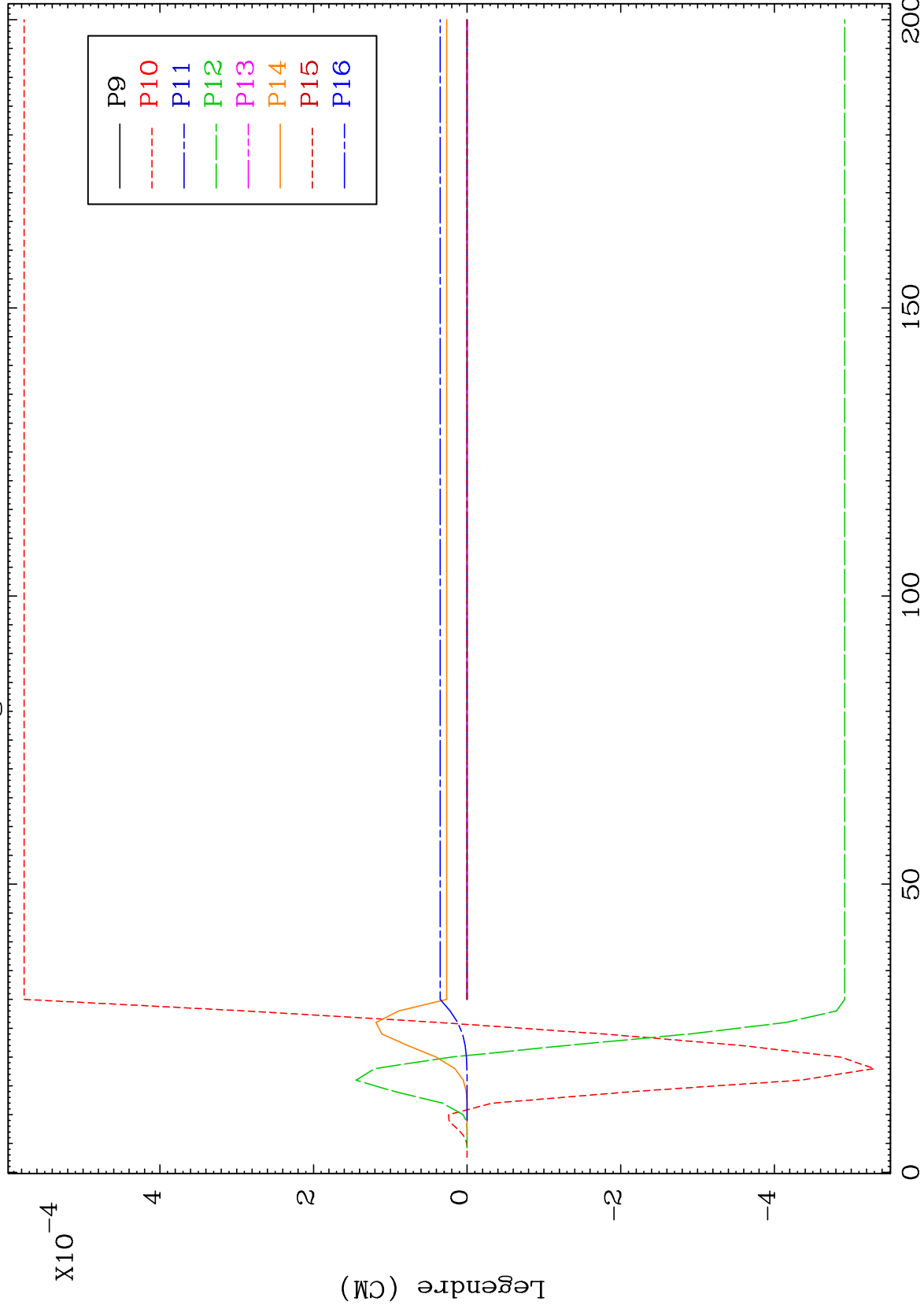
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



69

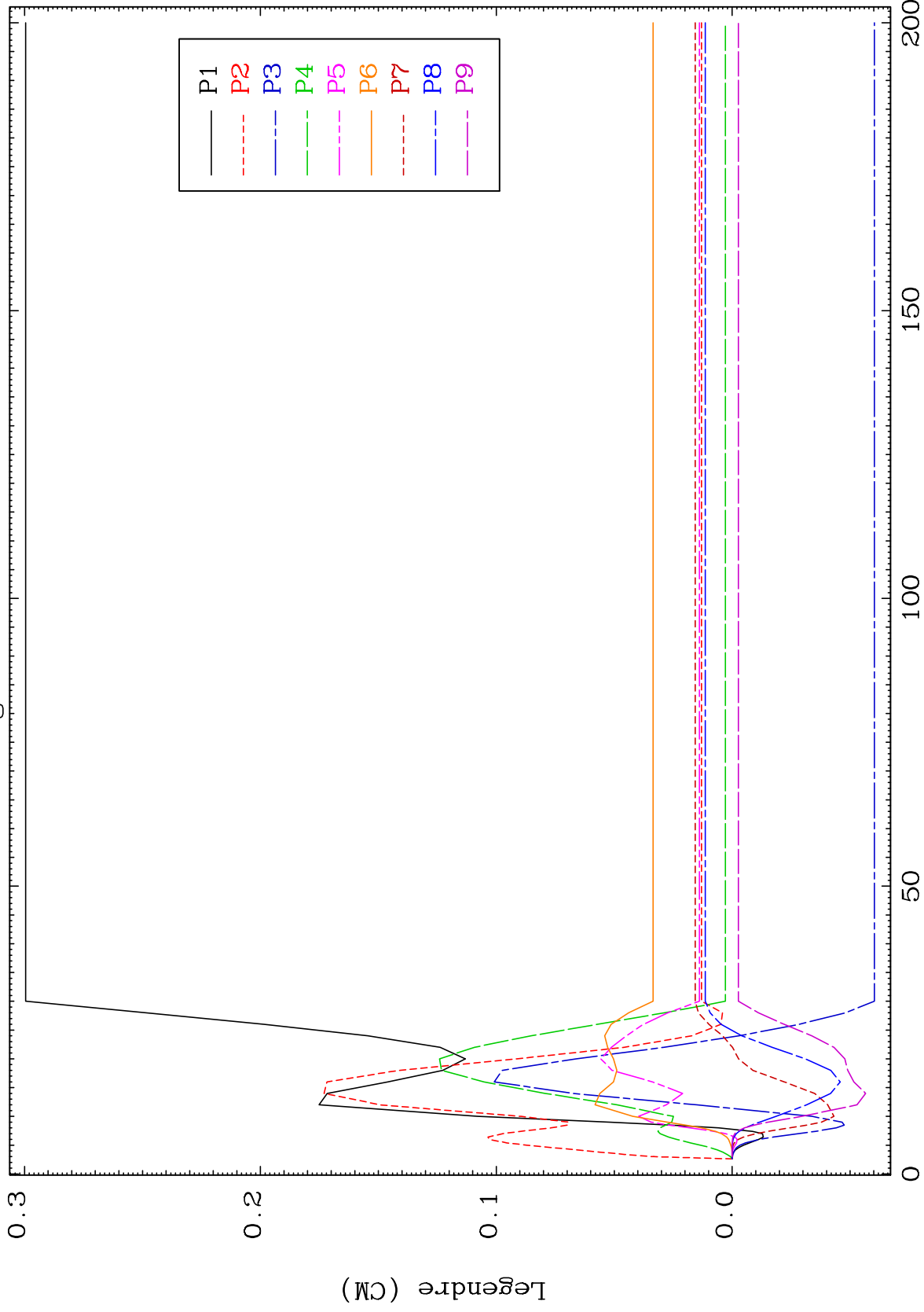
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



71

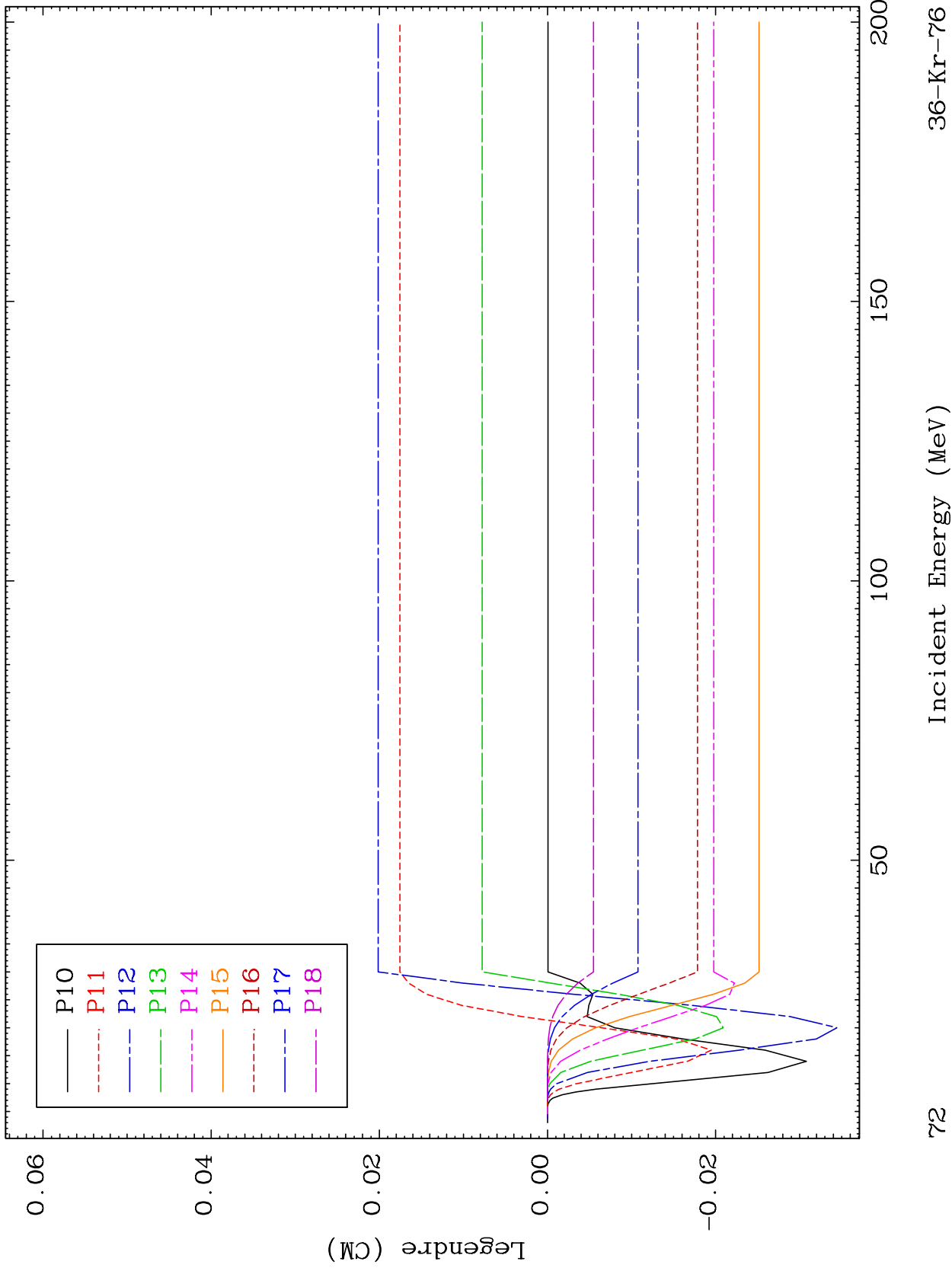
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



72

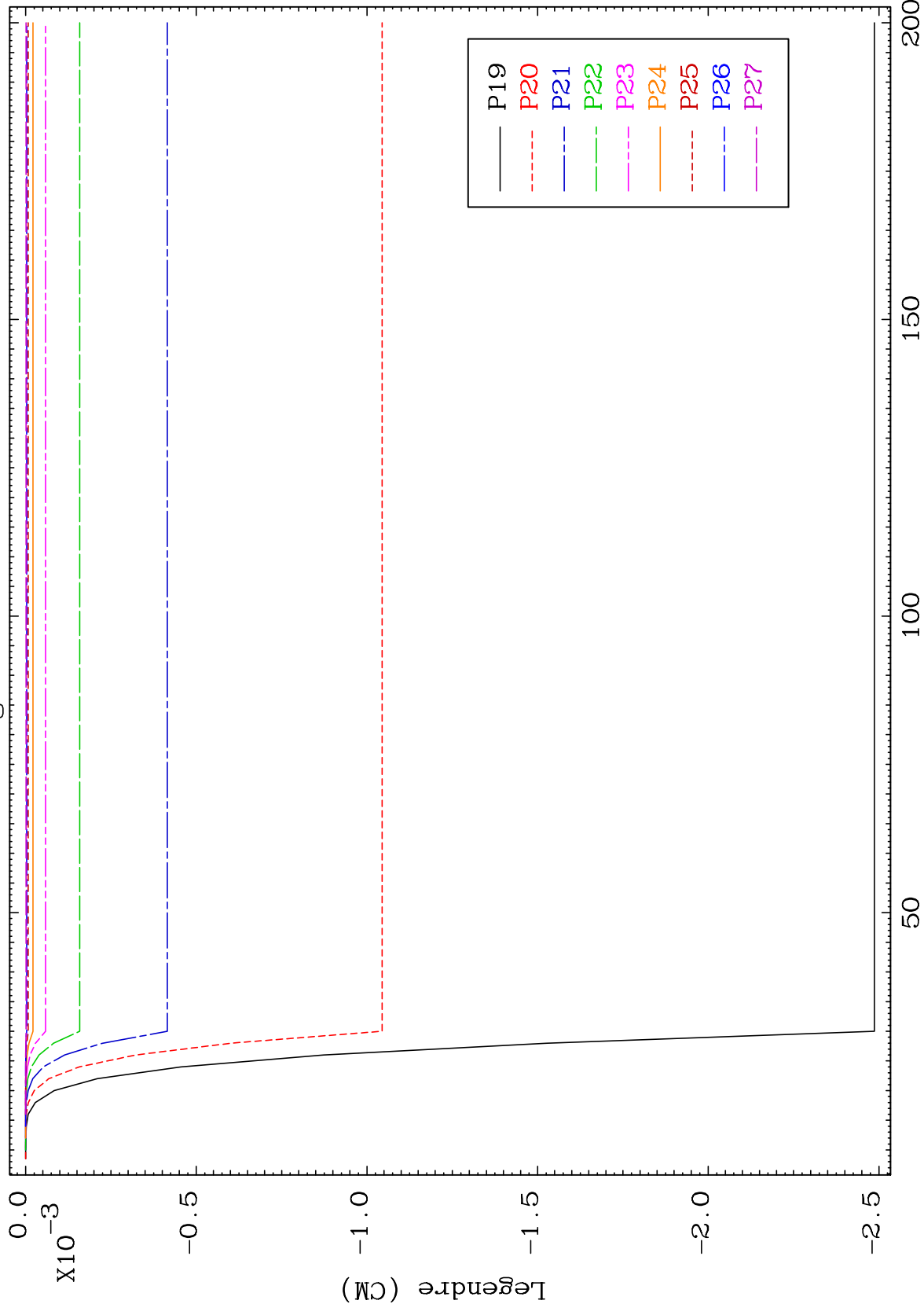
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

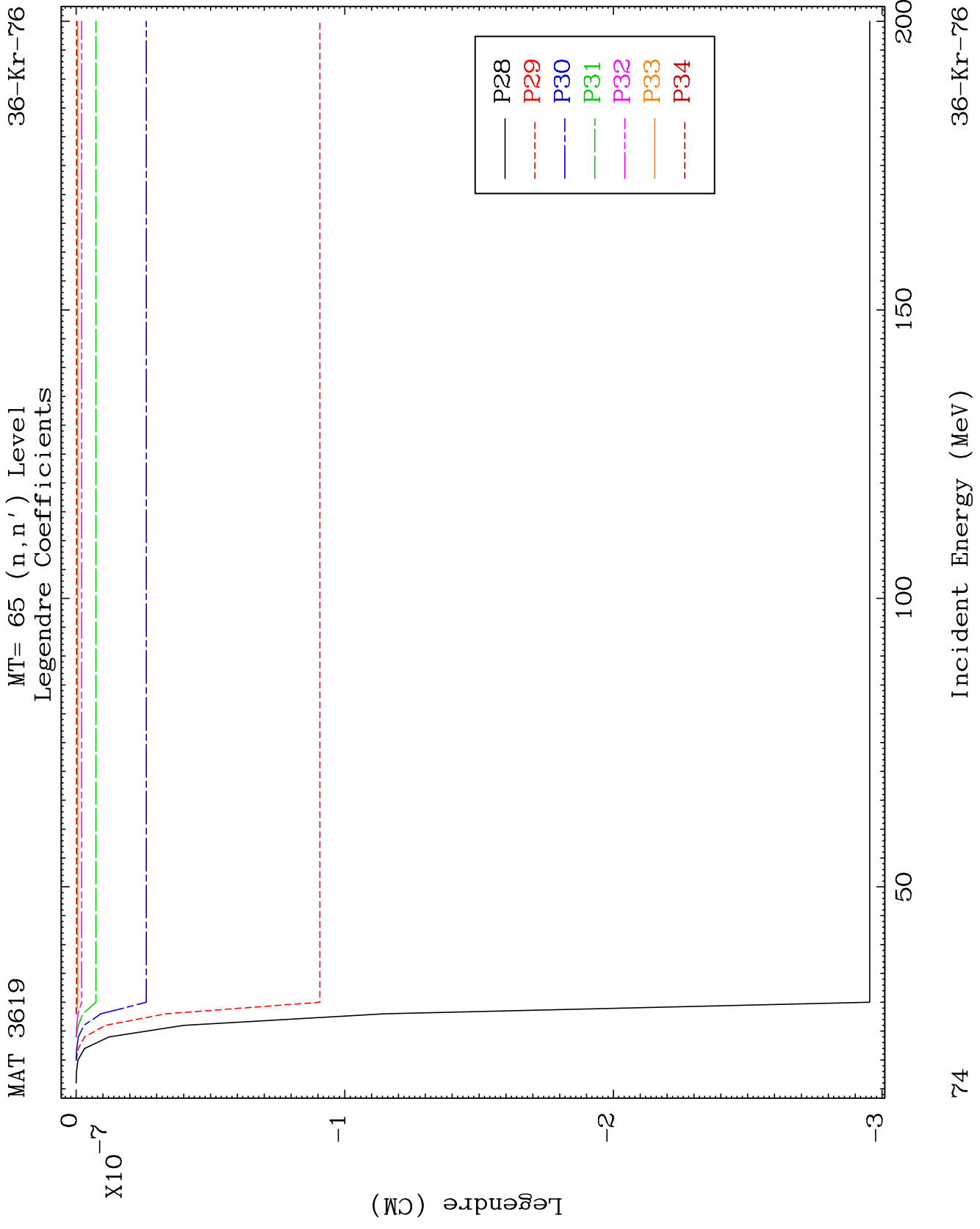
36-Kr-76



73

Incident Energy (MeV)

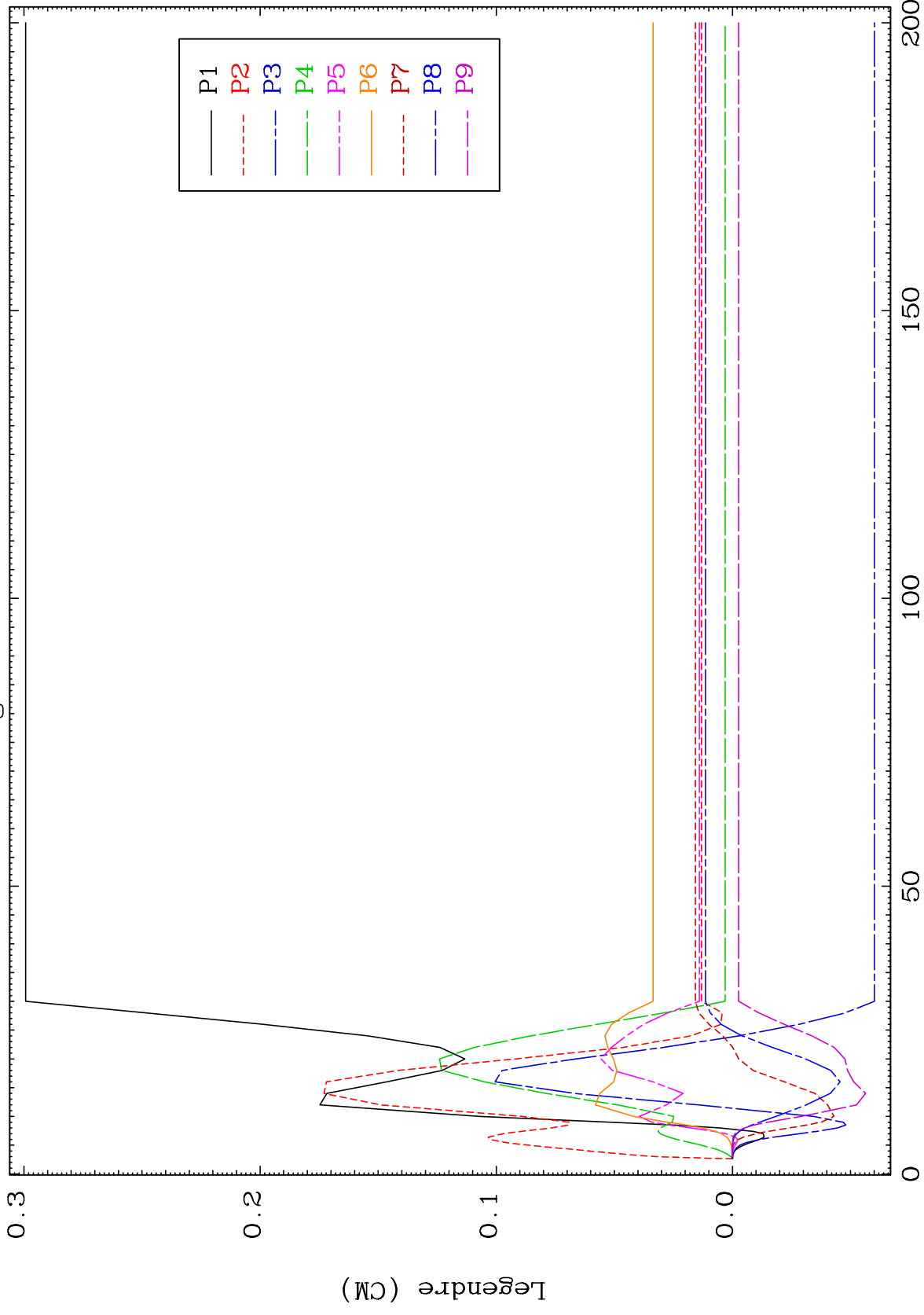
36-Kr-76



MAT 3619

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

36-Kr-76



75

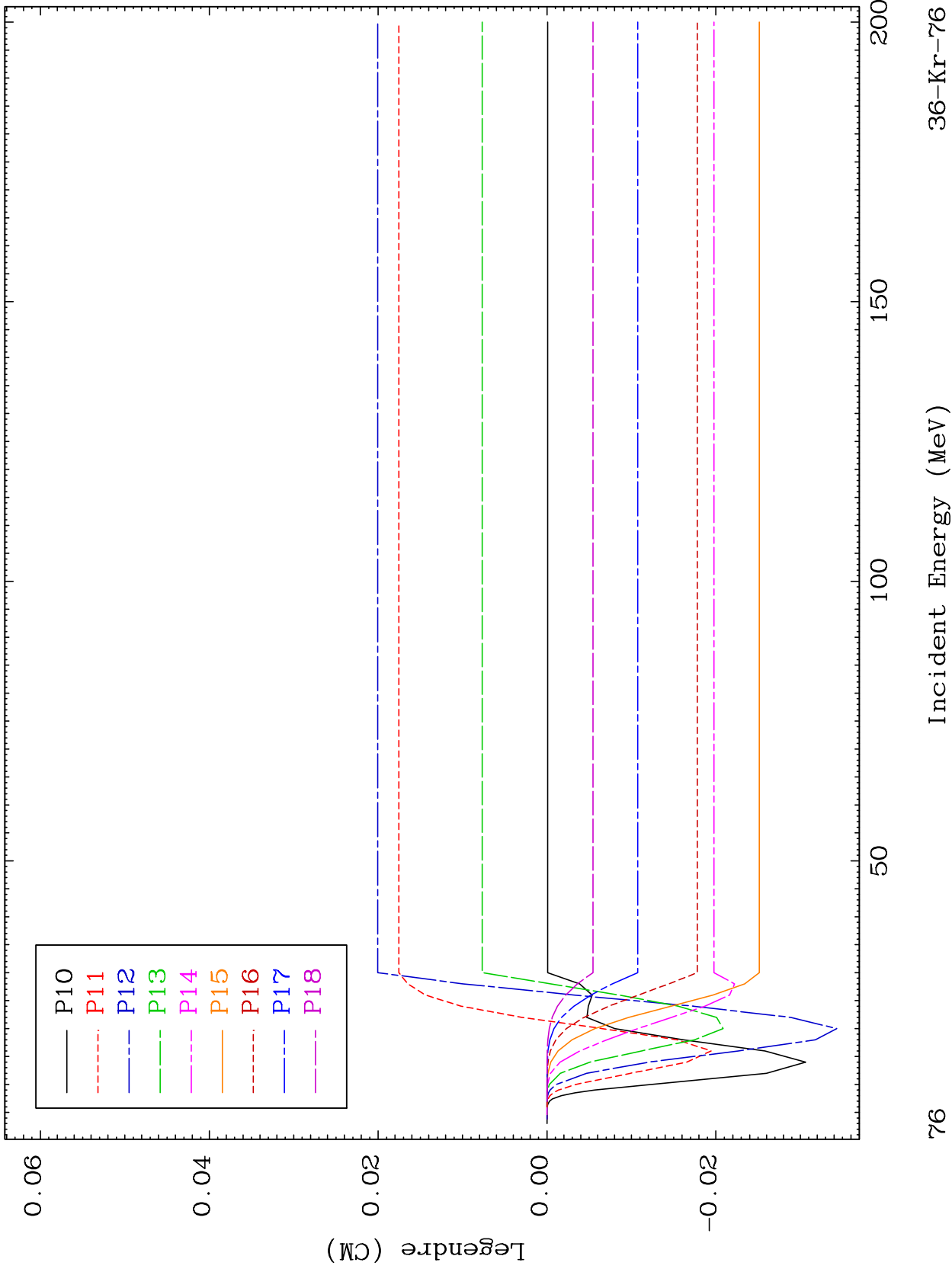
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

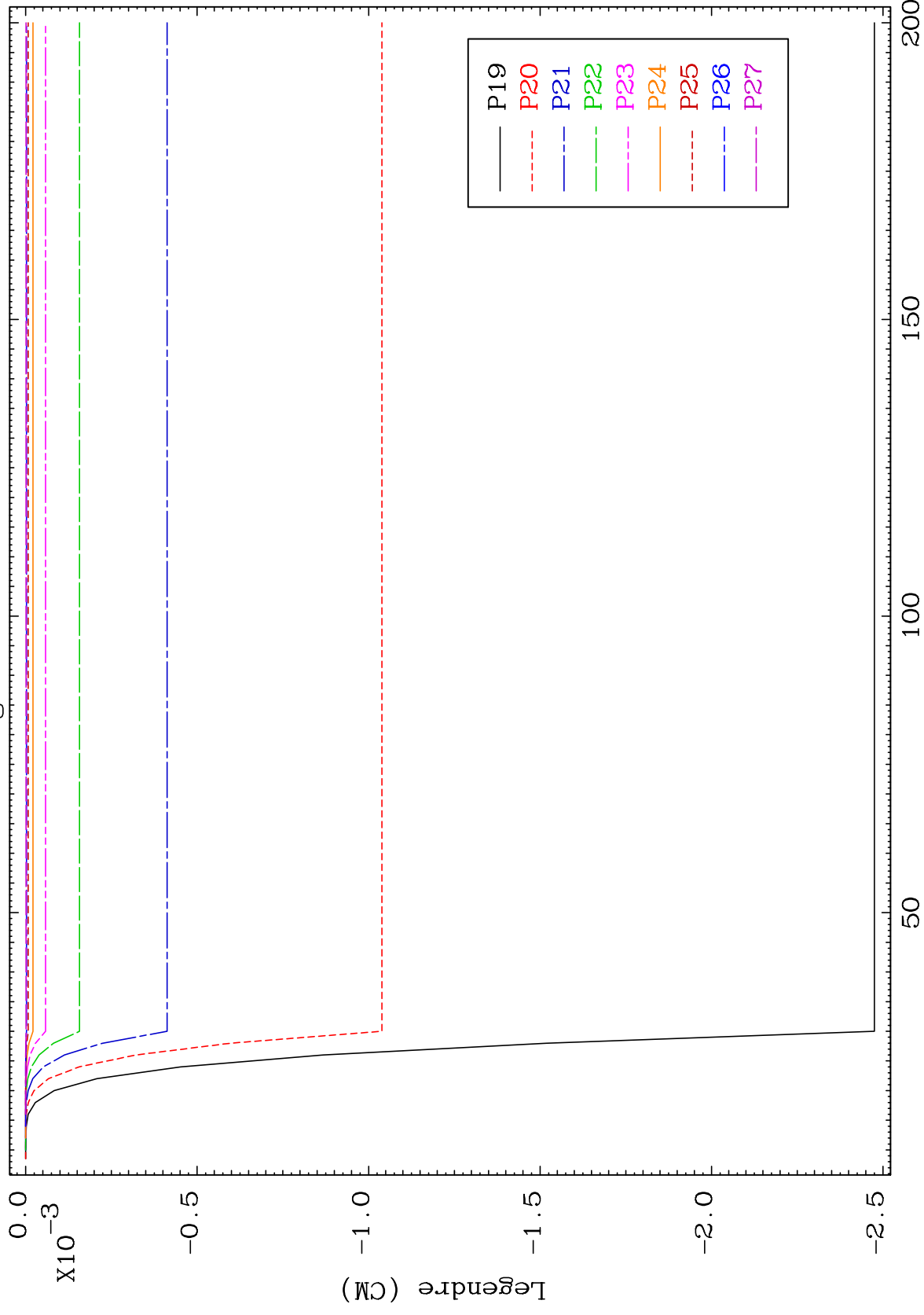
36-Kr-76



MAT 3619

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

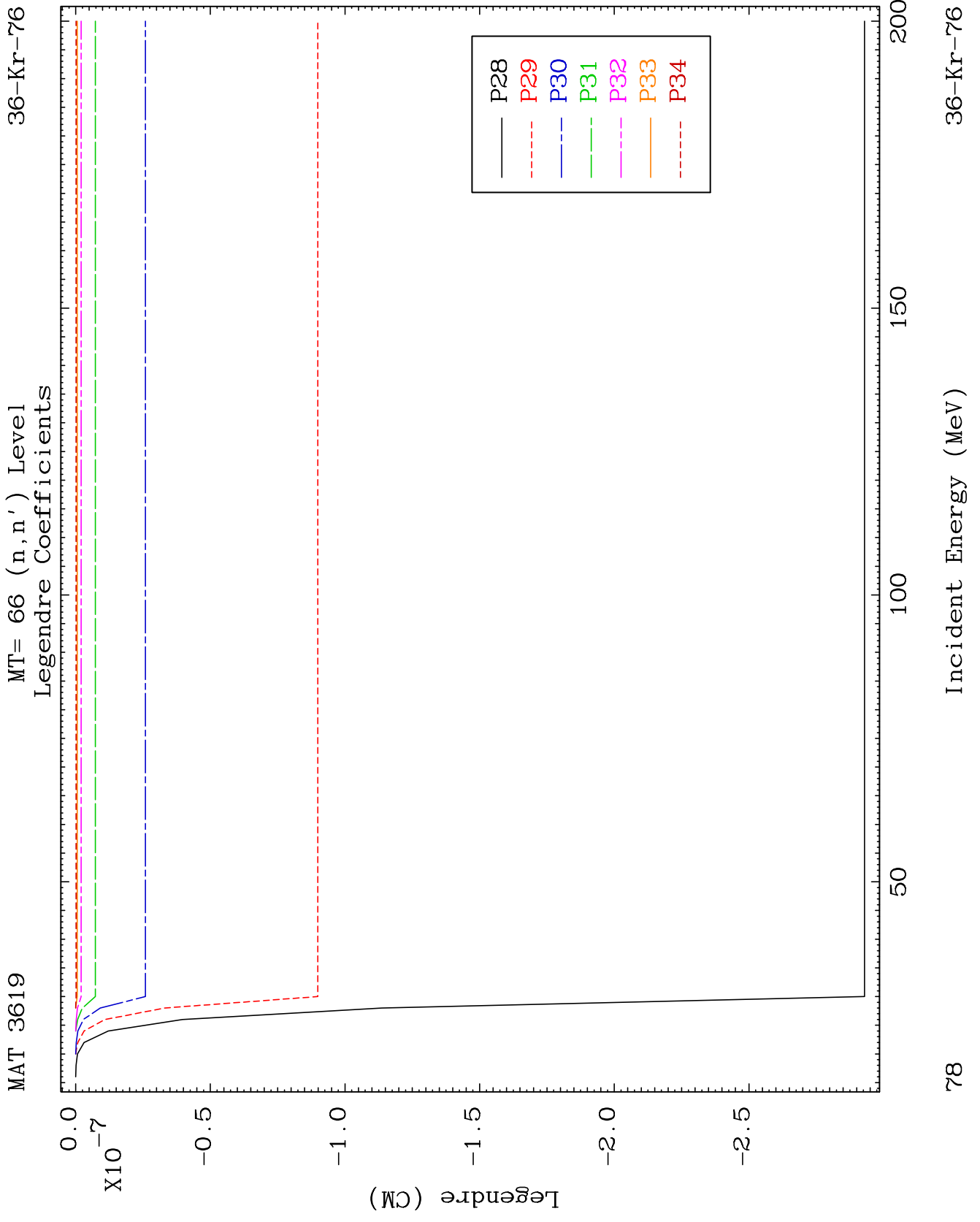
36-Kr-76



77

Incident Energy (MeV)

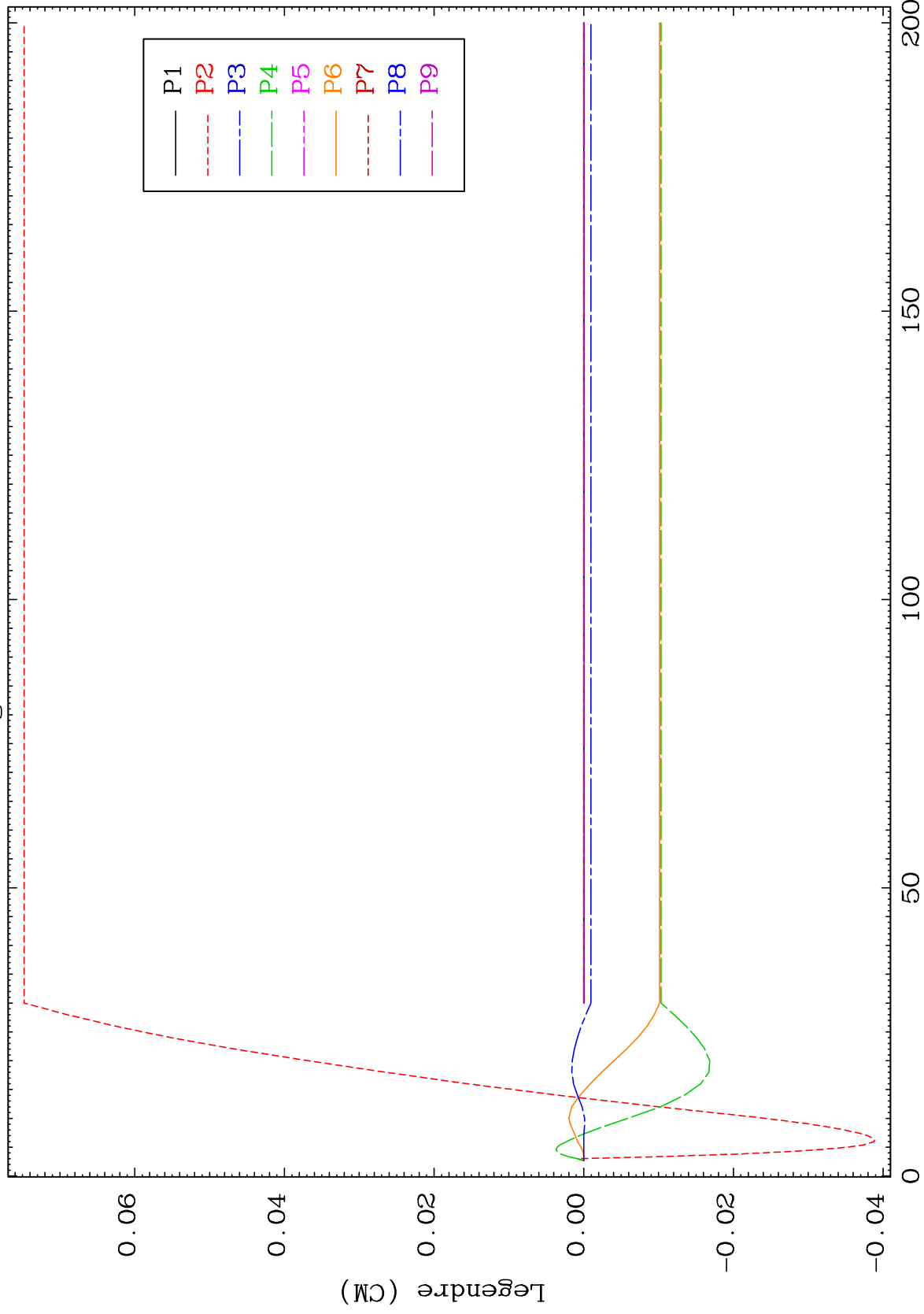
36-Kr-76



MAT 3619

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

36-Kr-76



79

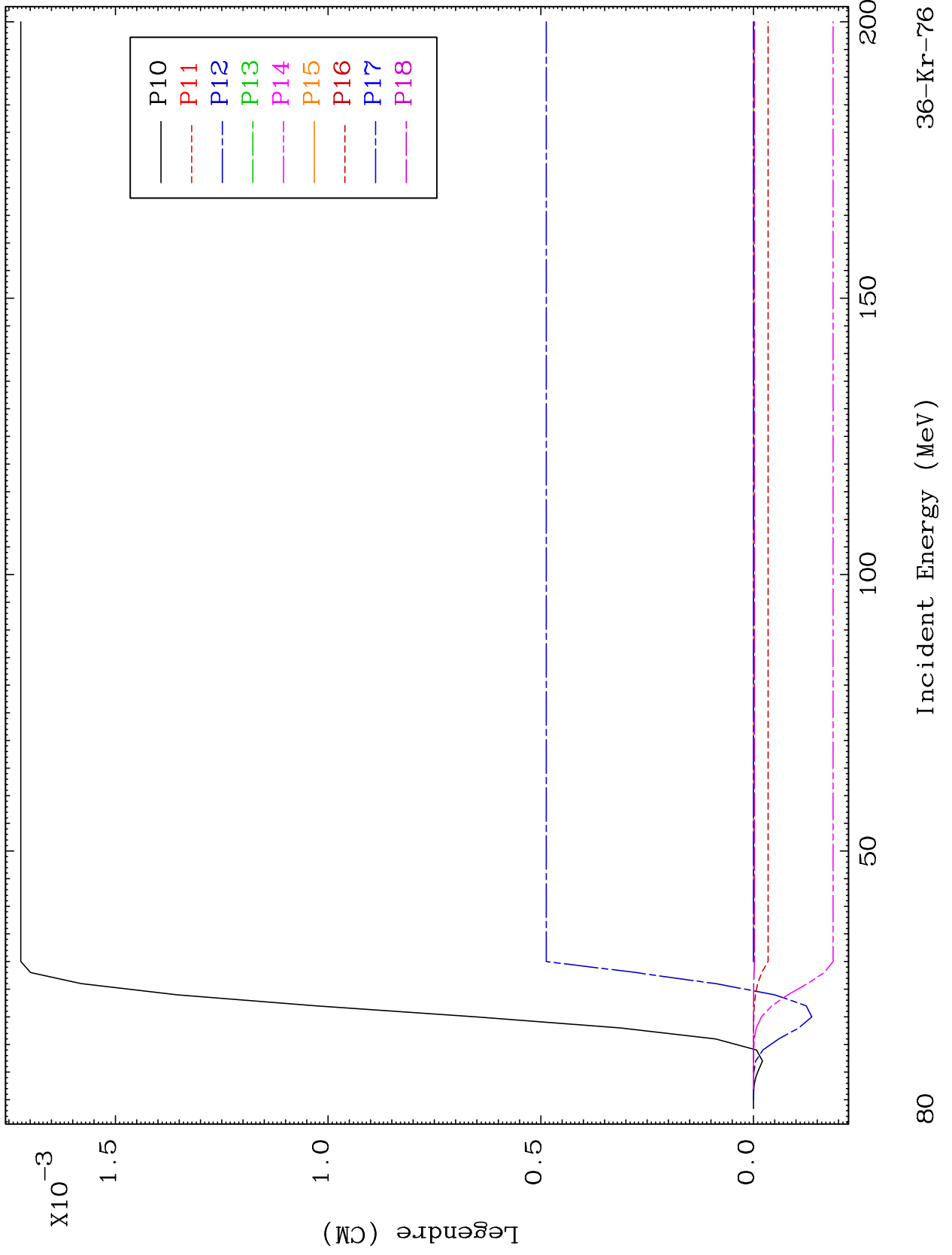
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

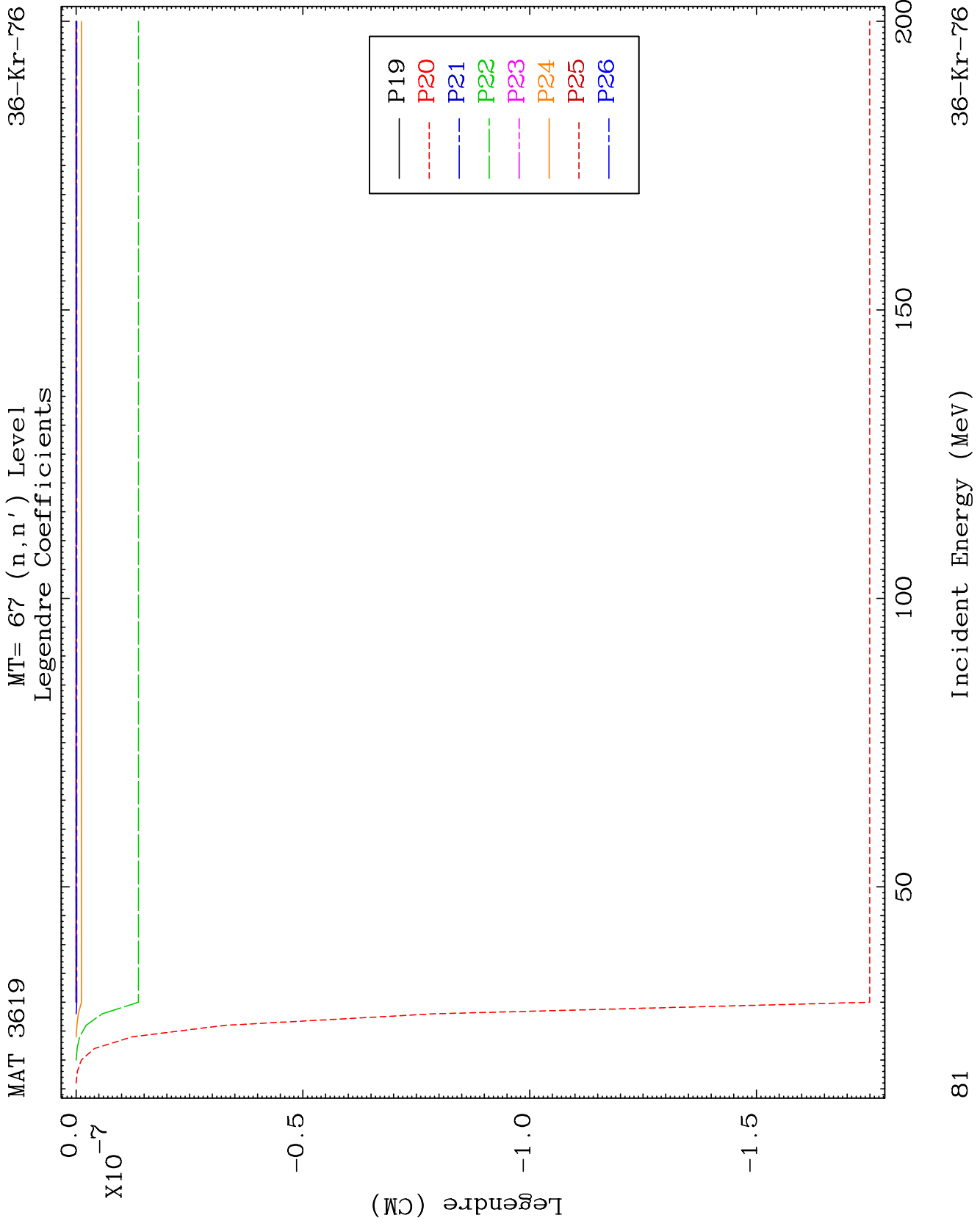
36-Kr-76



80

Incident Energy (MeV)

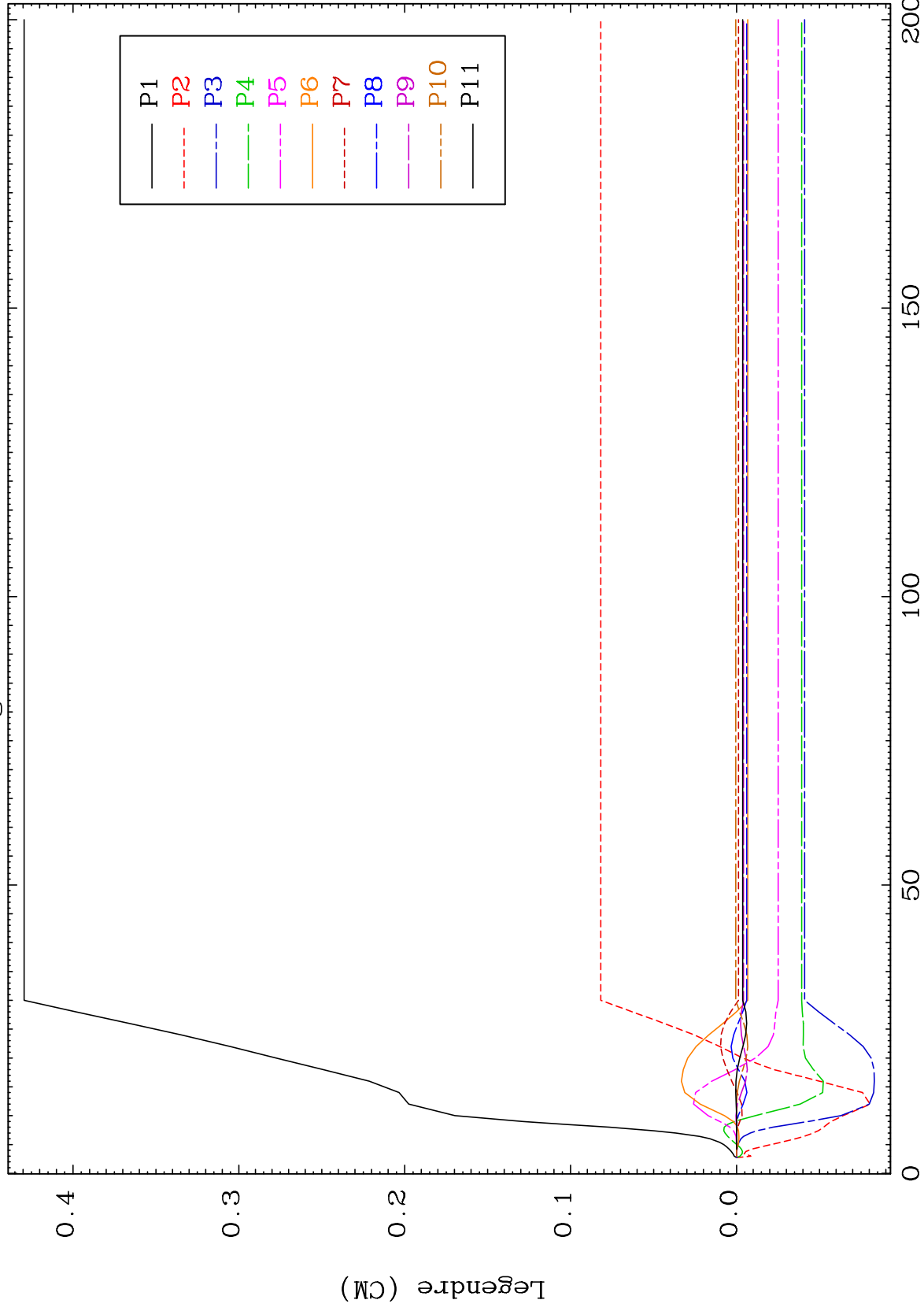
36-Kr-76



MAT 3619

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

36-Kr-76



82

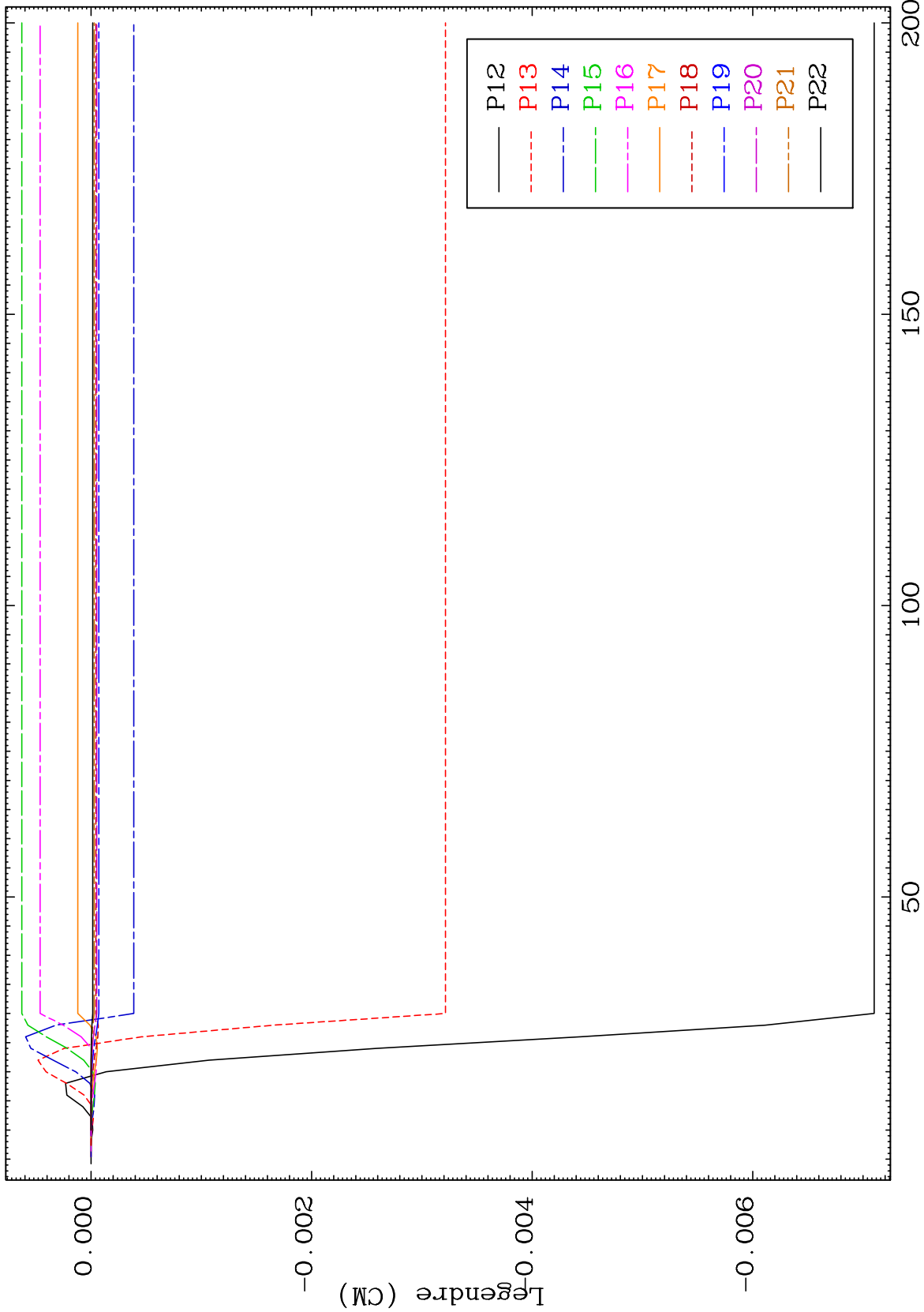
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

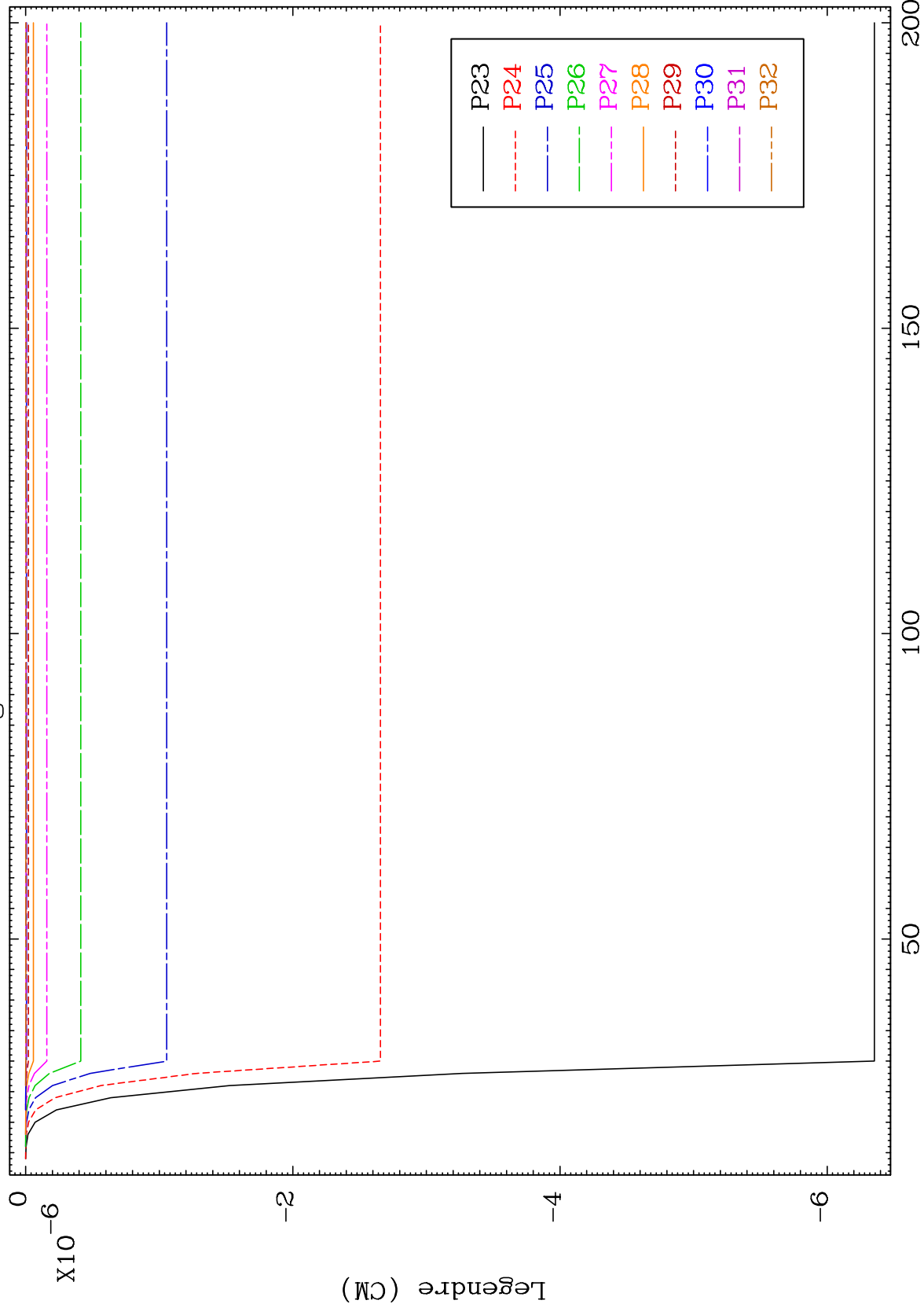
36-Kr-76



MAT 3619

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

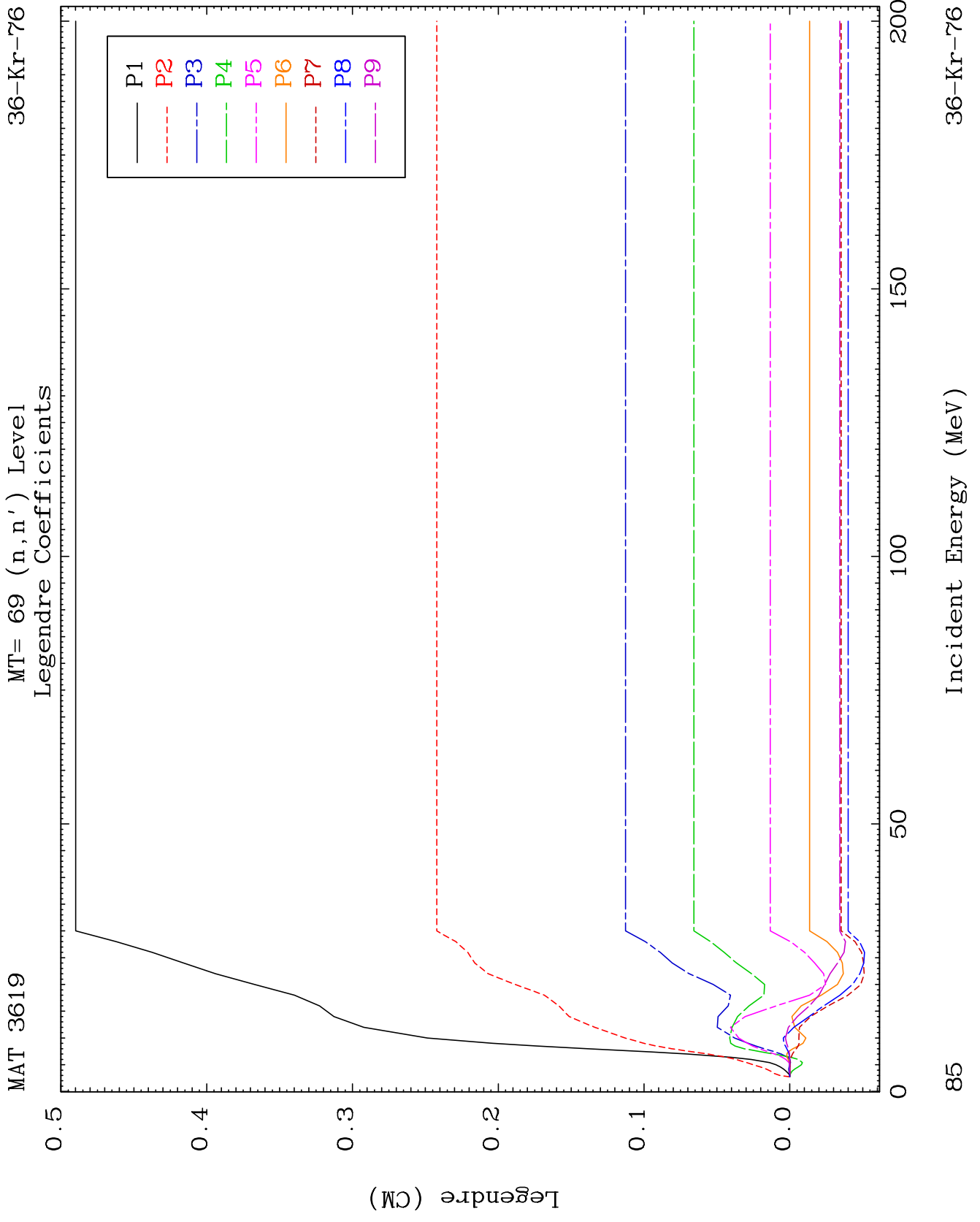
36-Kr-76

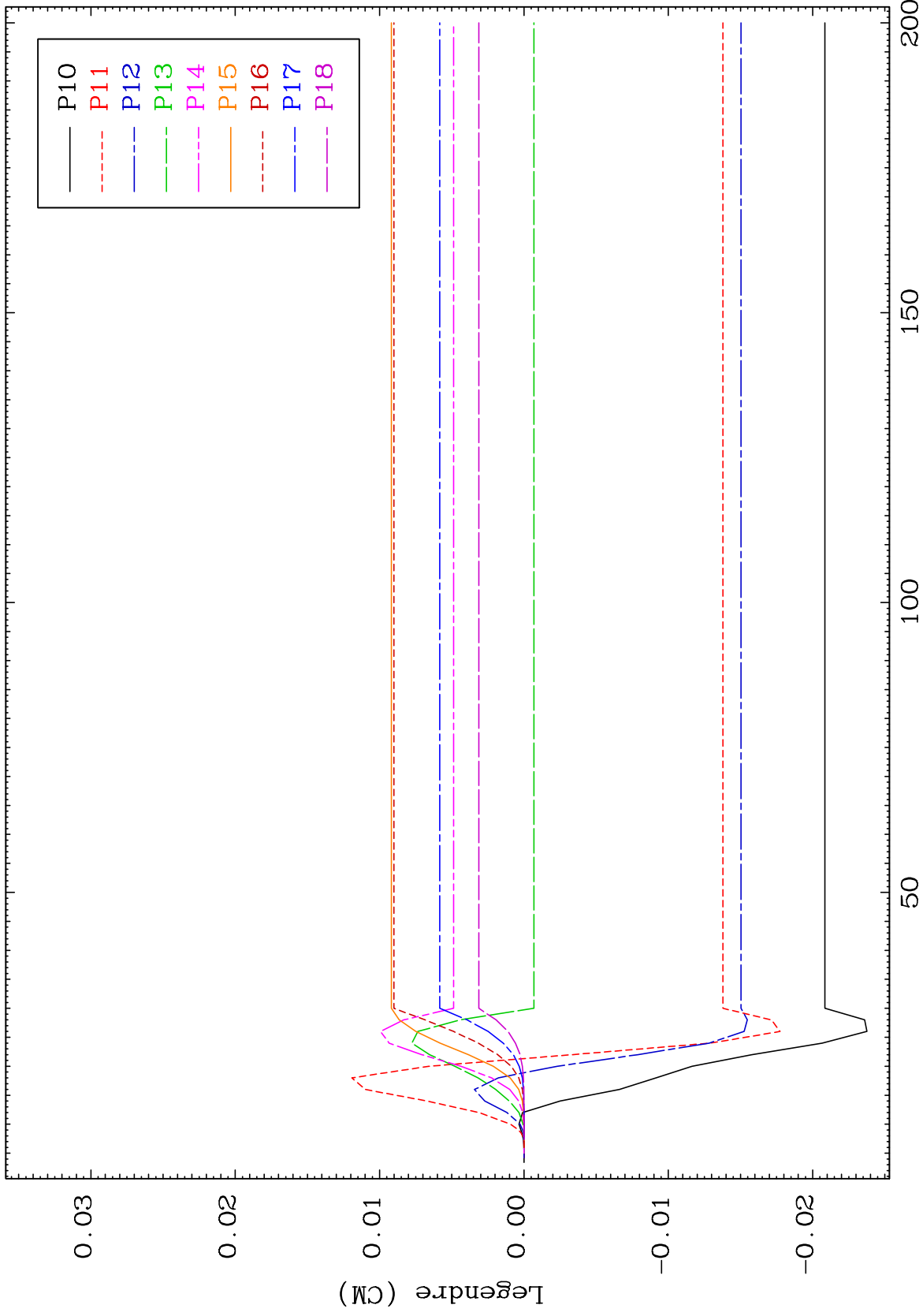


36-Kr-76

Incident Energy (MeV)

84

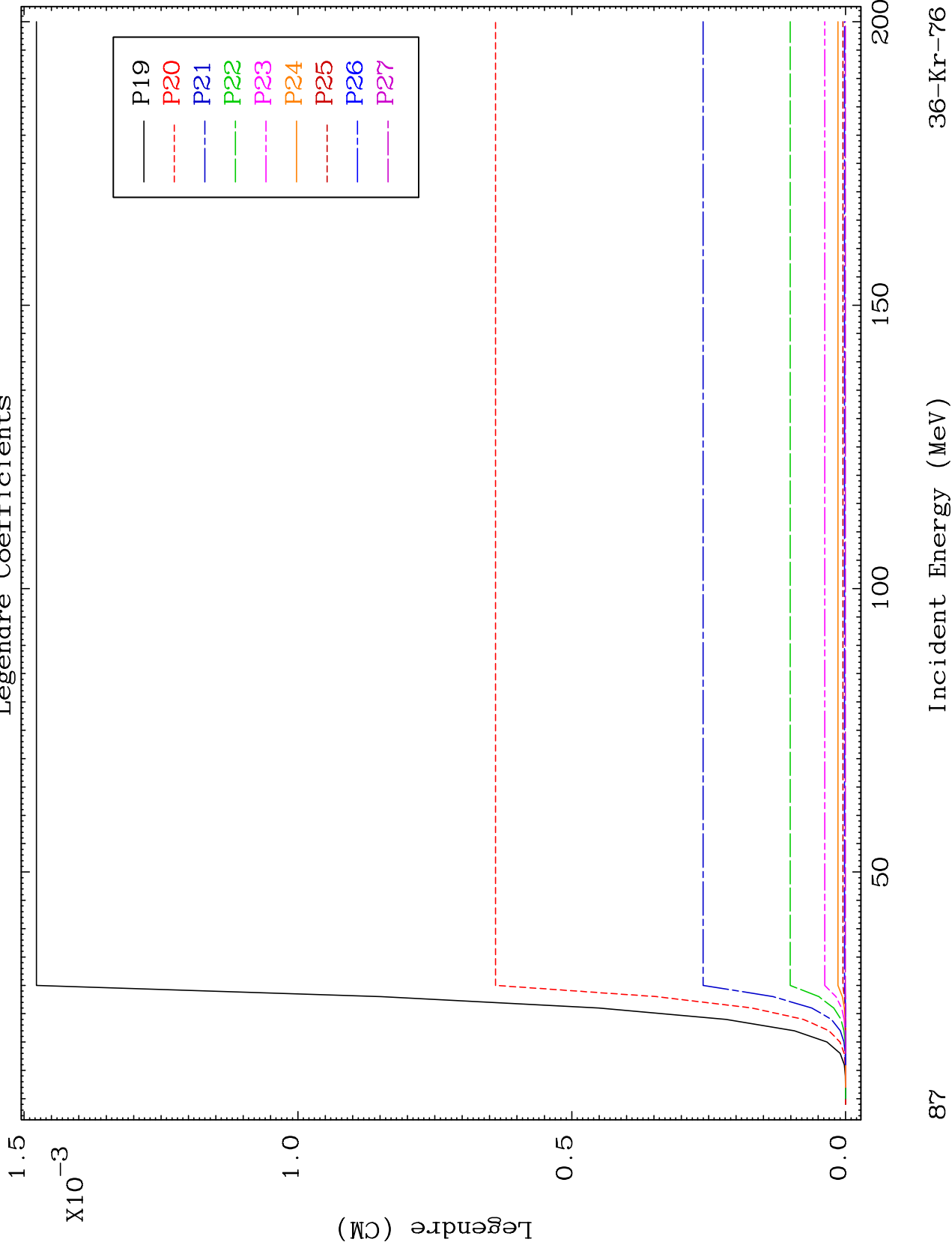




MAT 3619

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

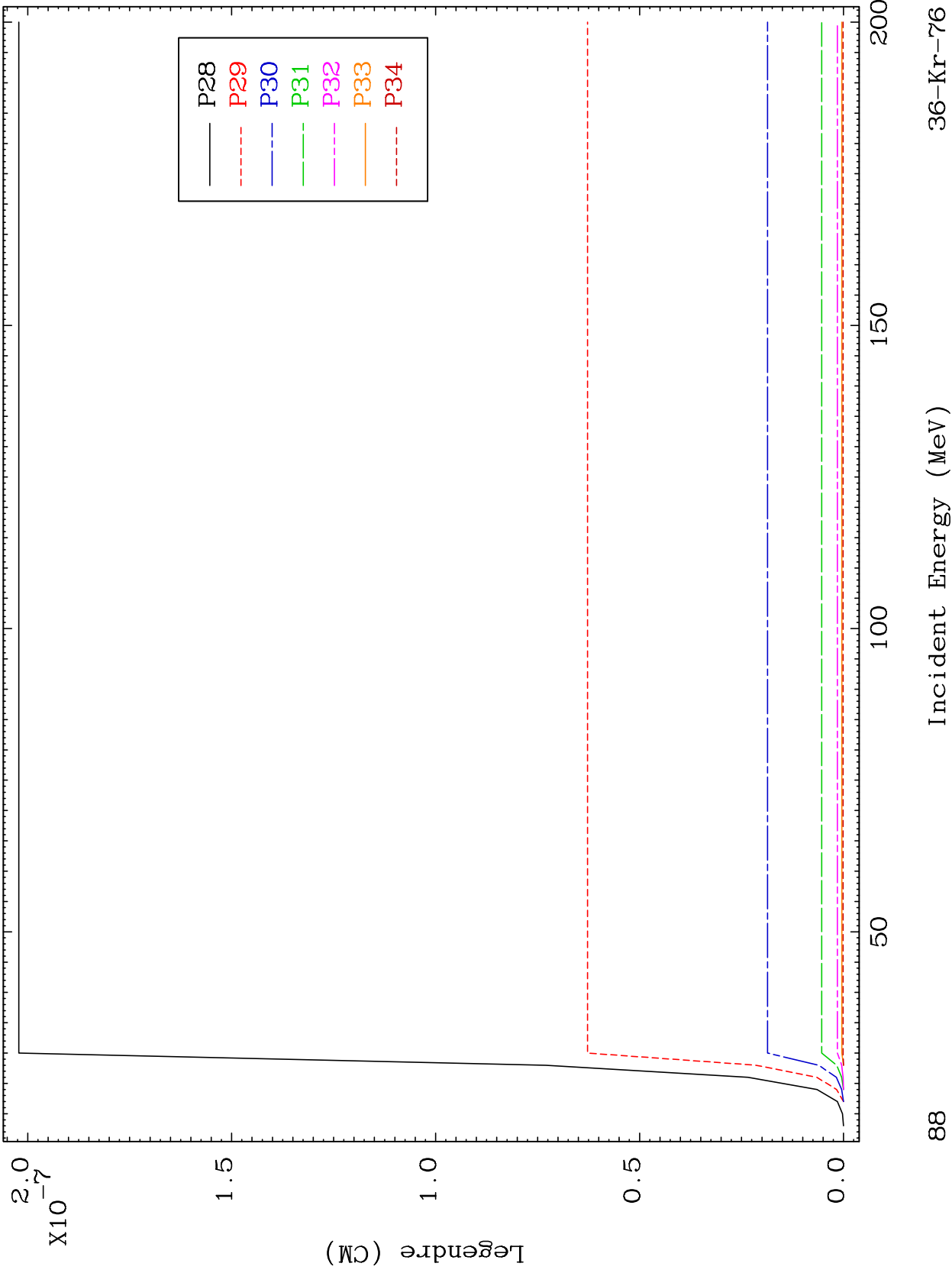
36-Kr-76



MAT 3619

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

36-Kr-76



88

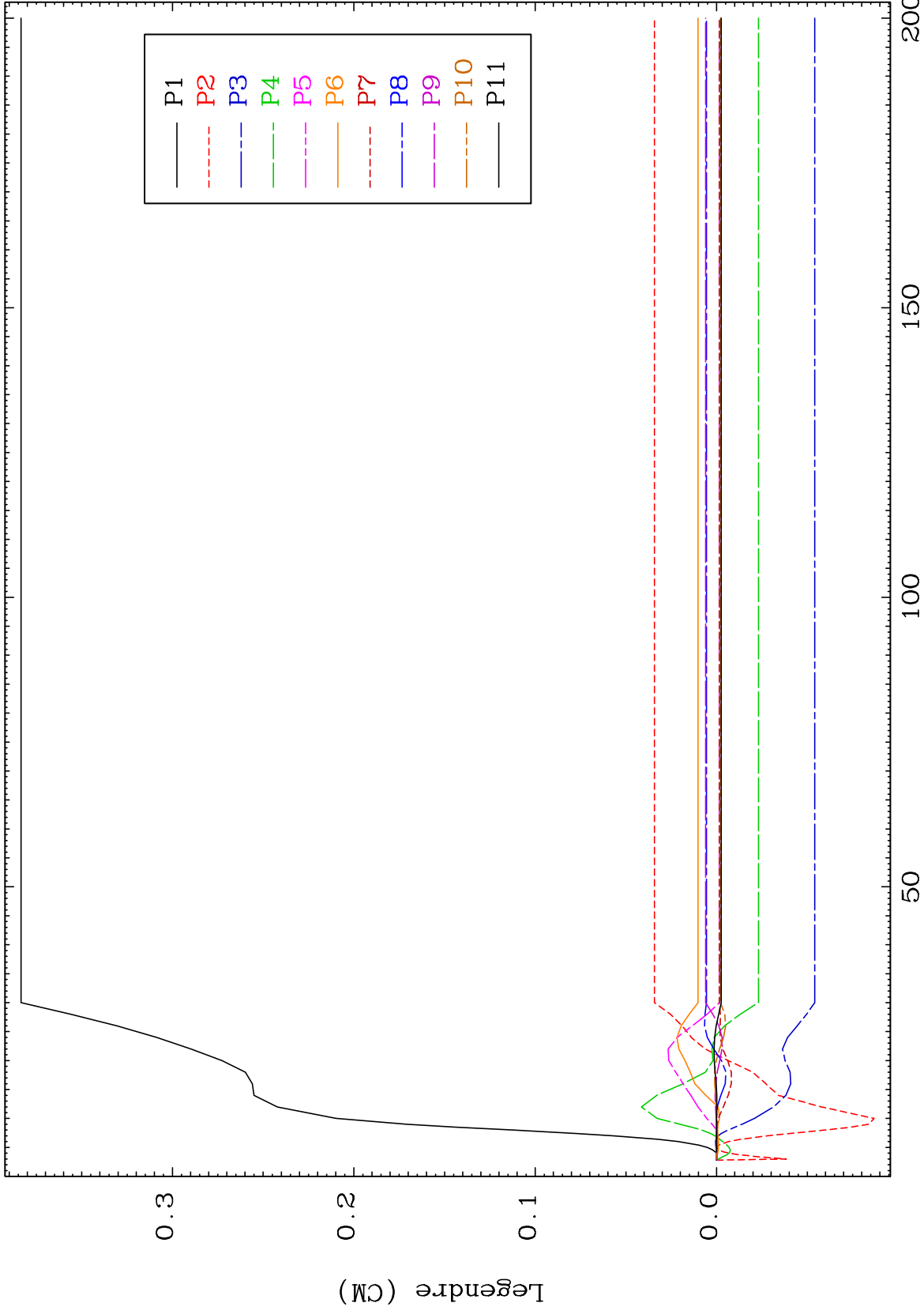
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



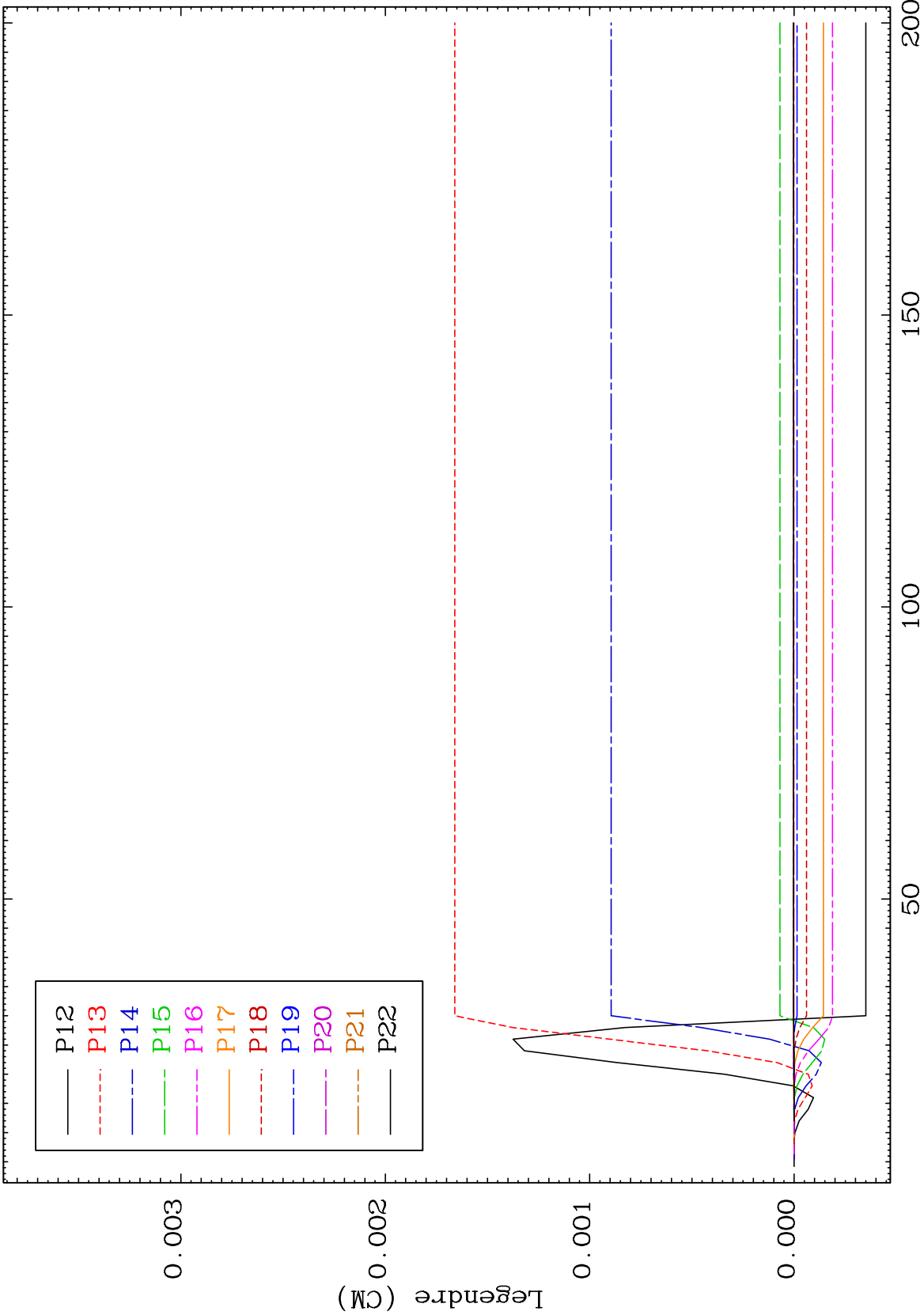
89

36-Kr-76

MAT 3619

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

36-Kr-76



90

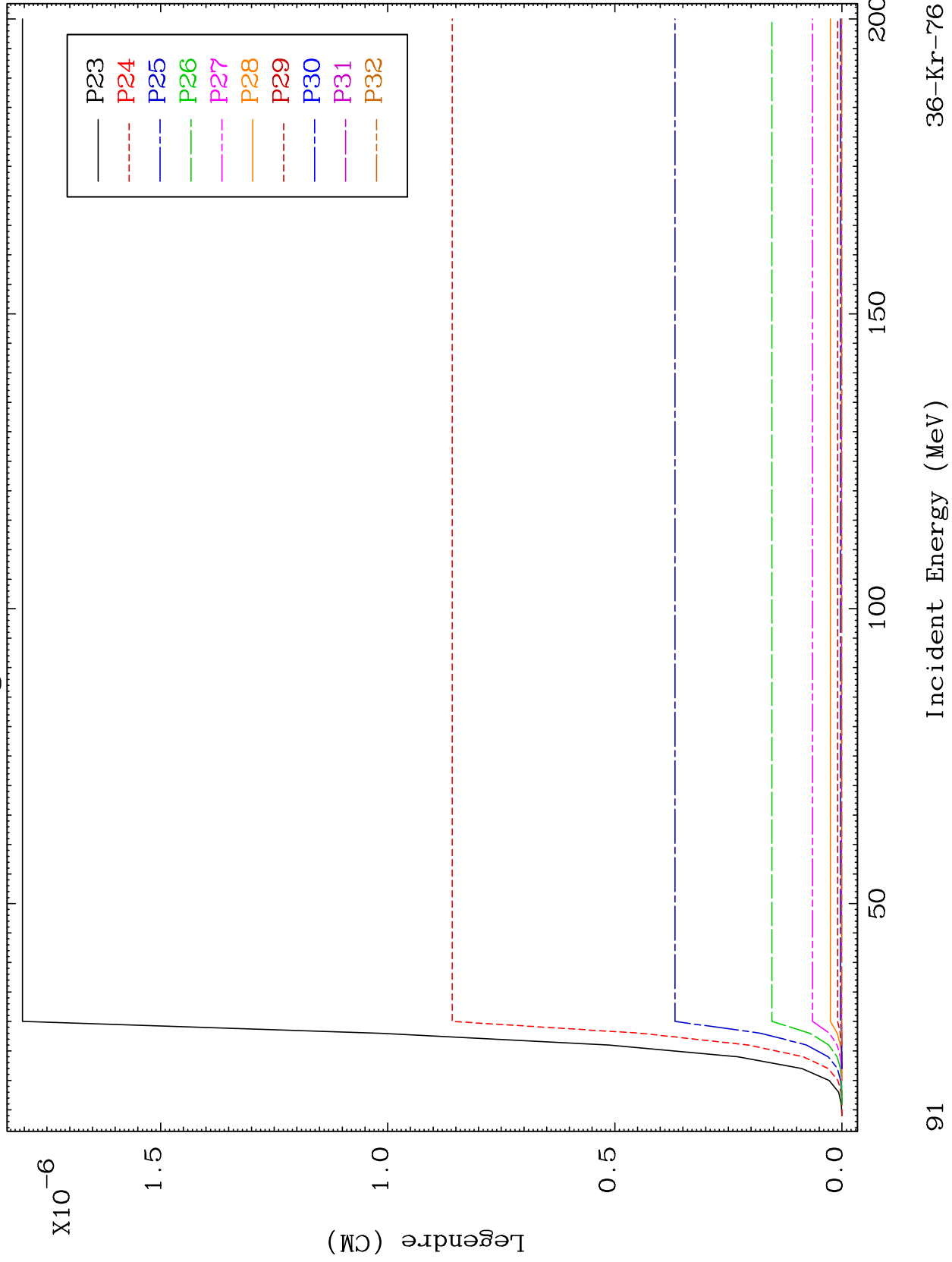
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

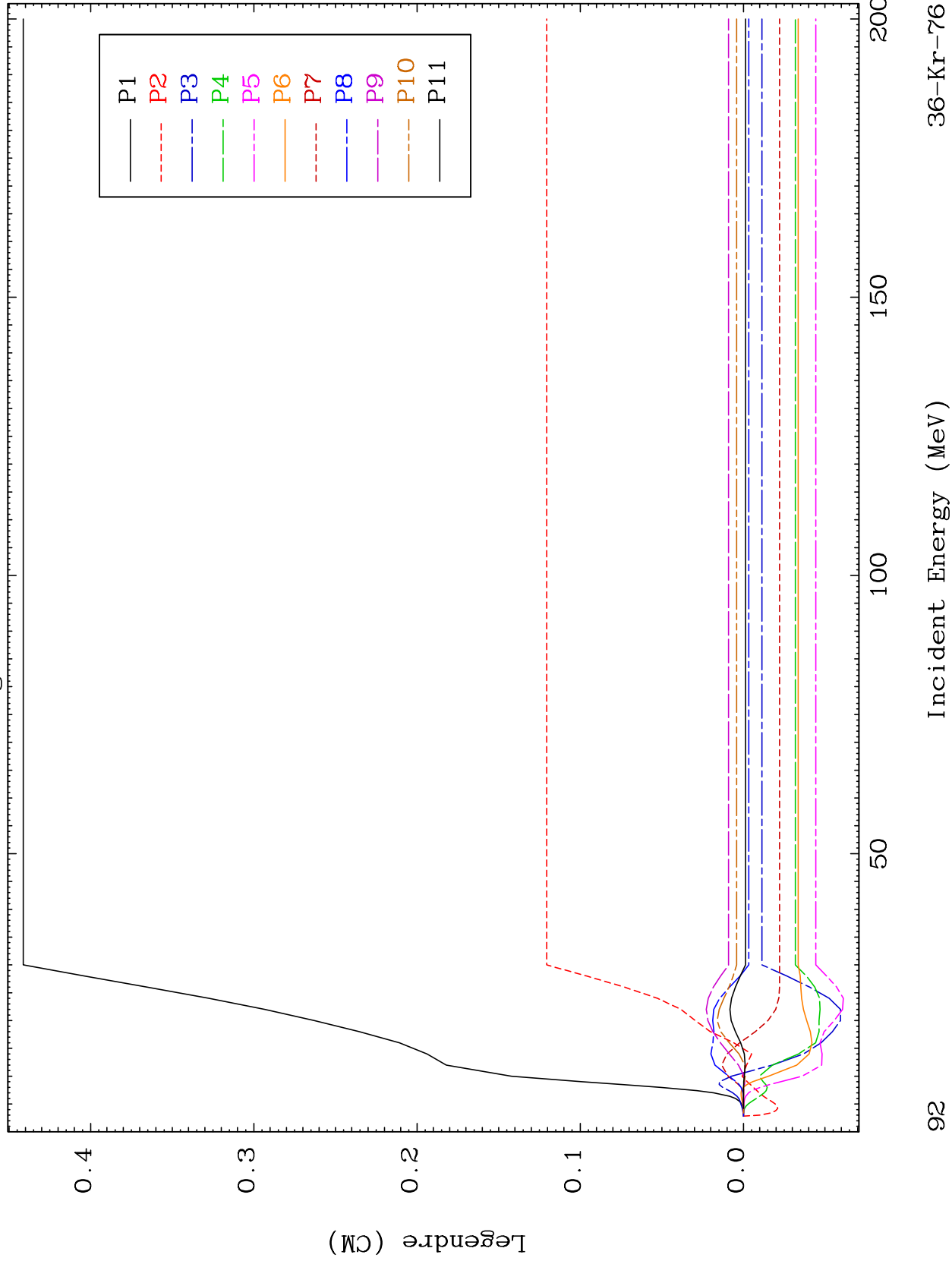
36-Kr-76



MAT 3619

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

36-Kr-76



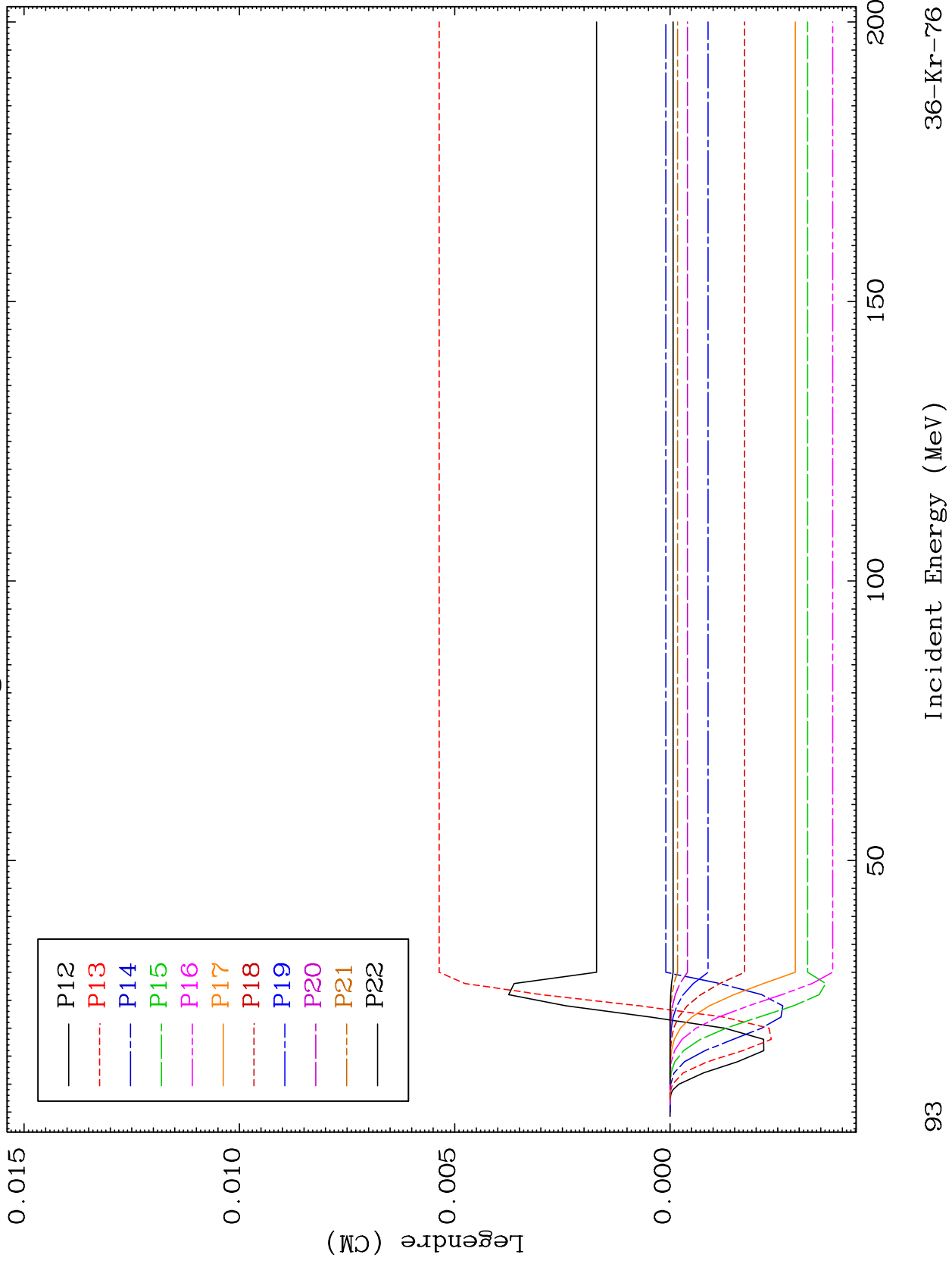
92

36-Kr-76

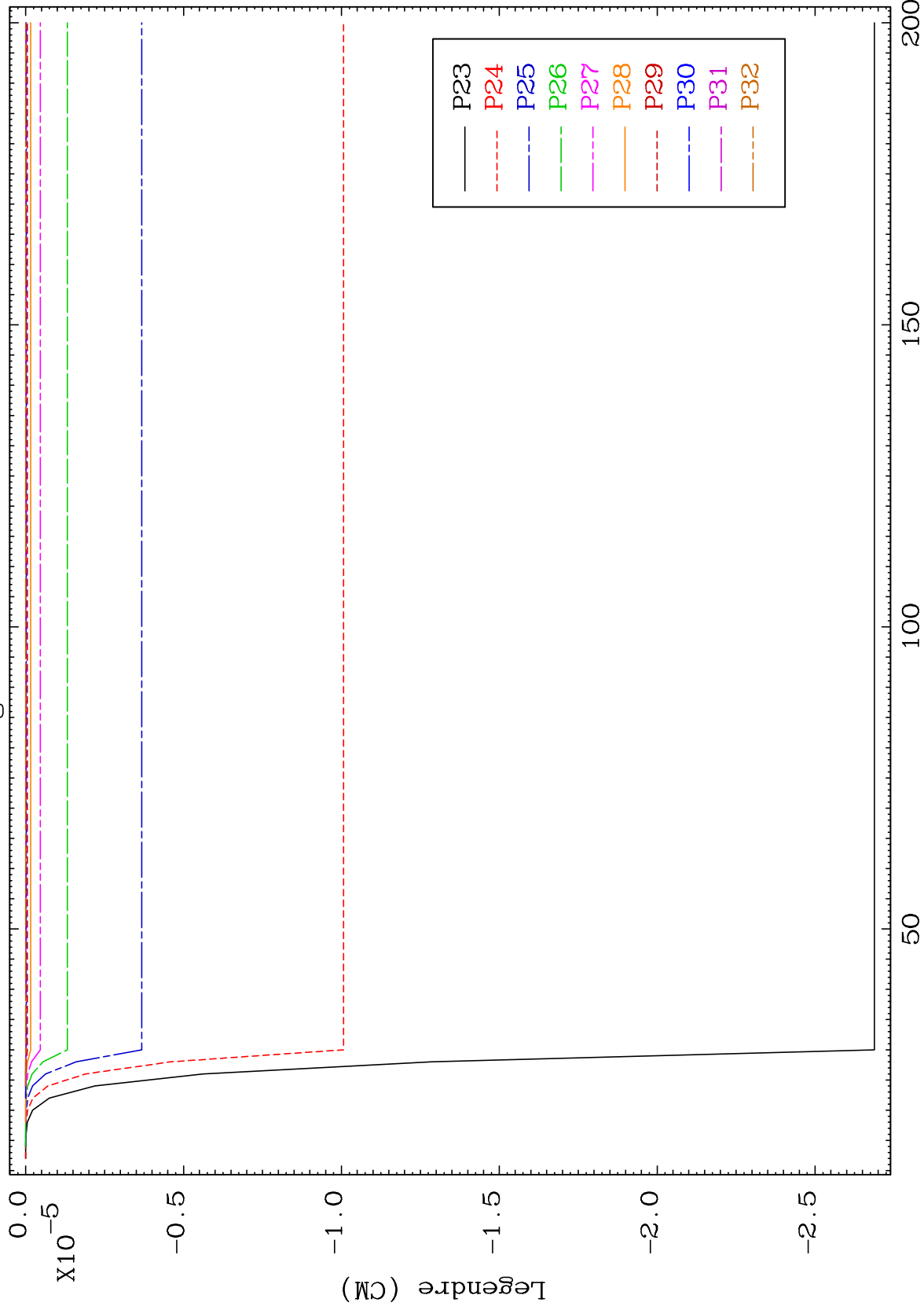
MAT 3619

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

36-Kr-76



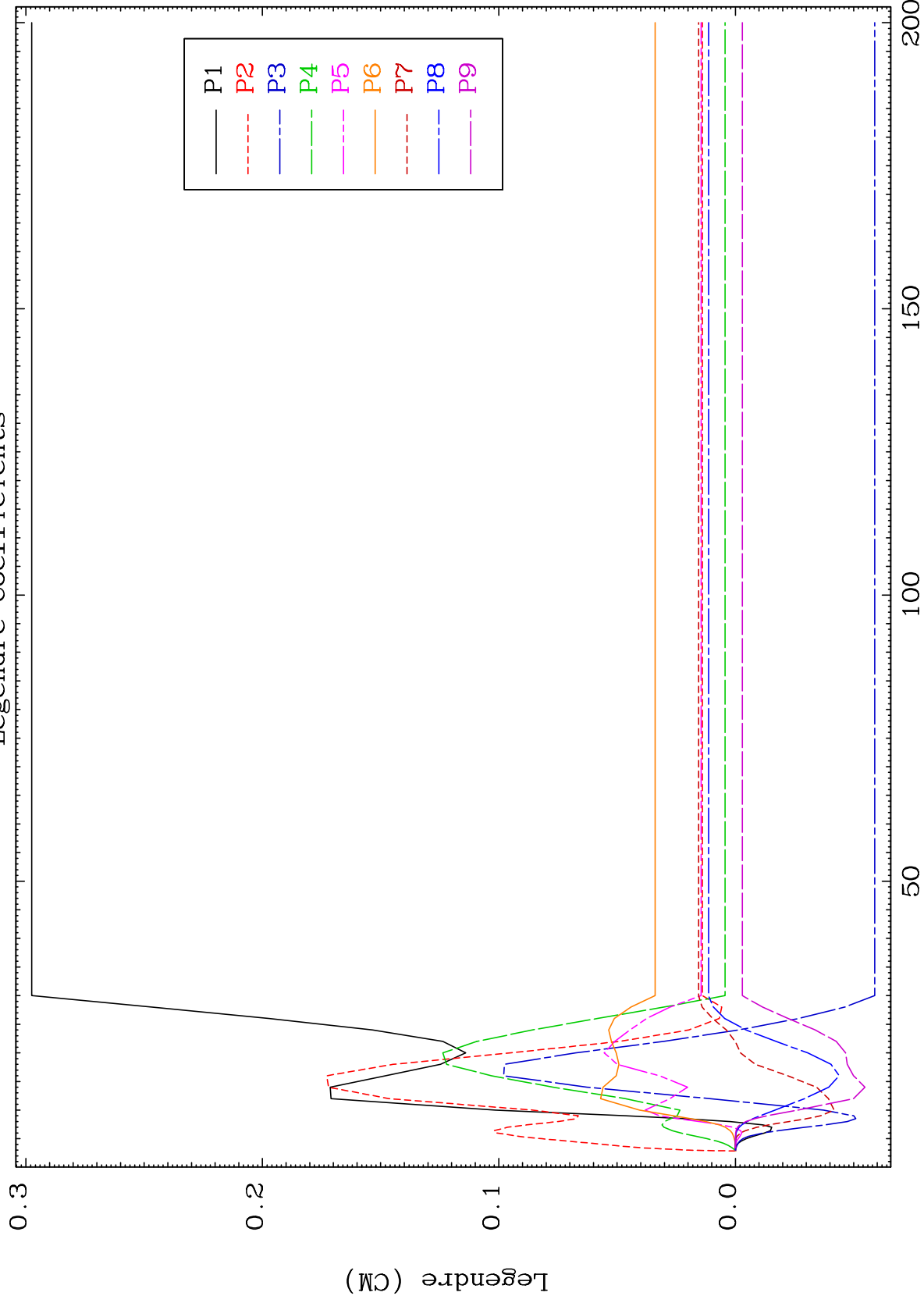
Legendre Coefficients



MAT 3619

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

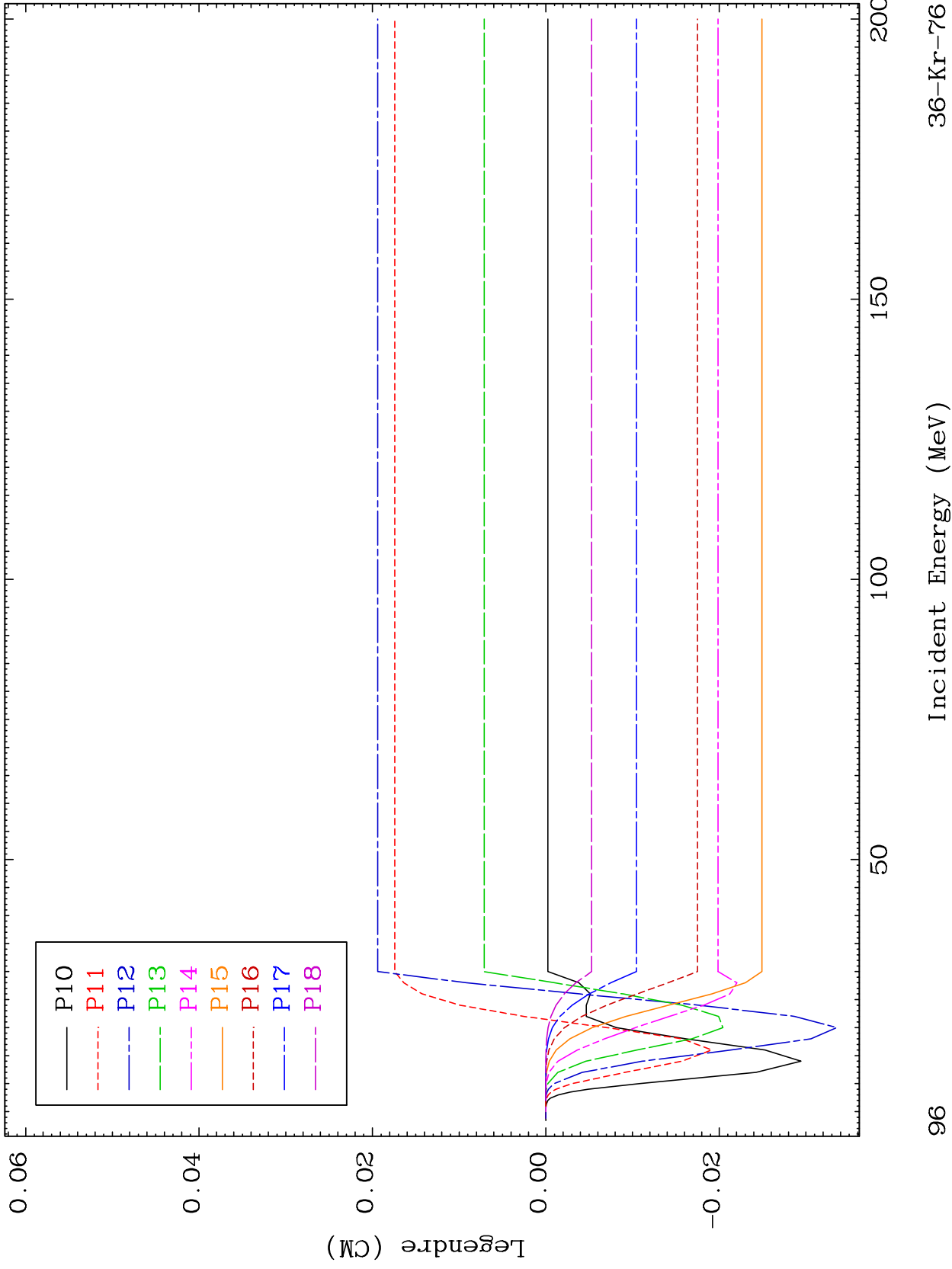
36-Kr-76



95

Incident Energy (MeV)

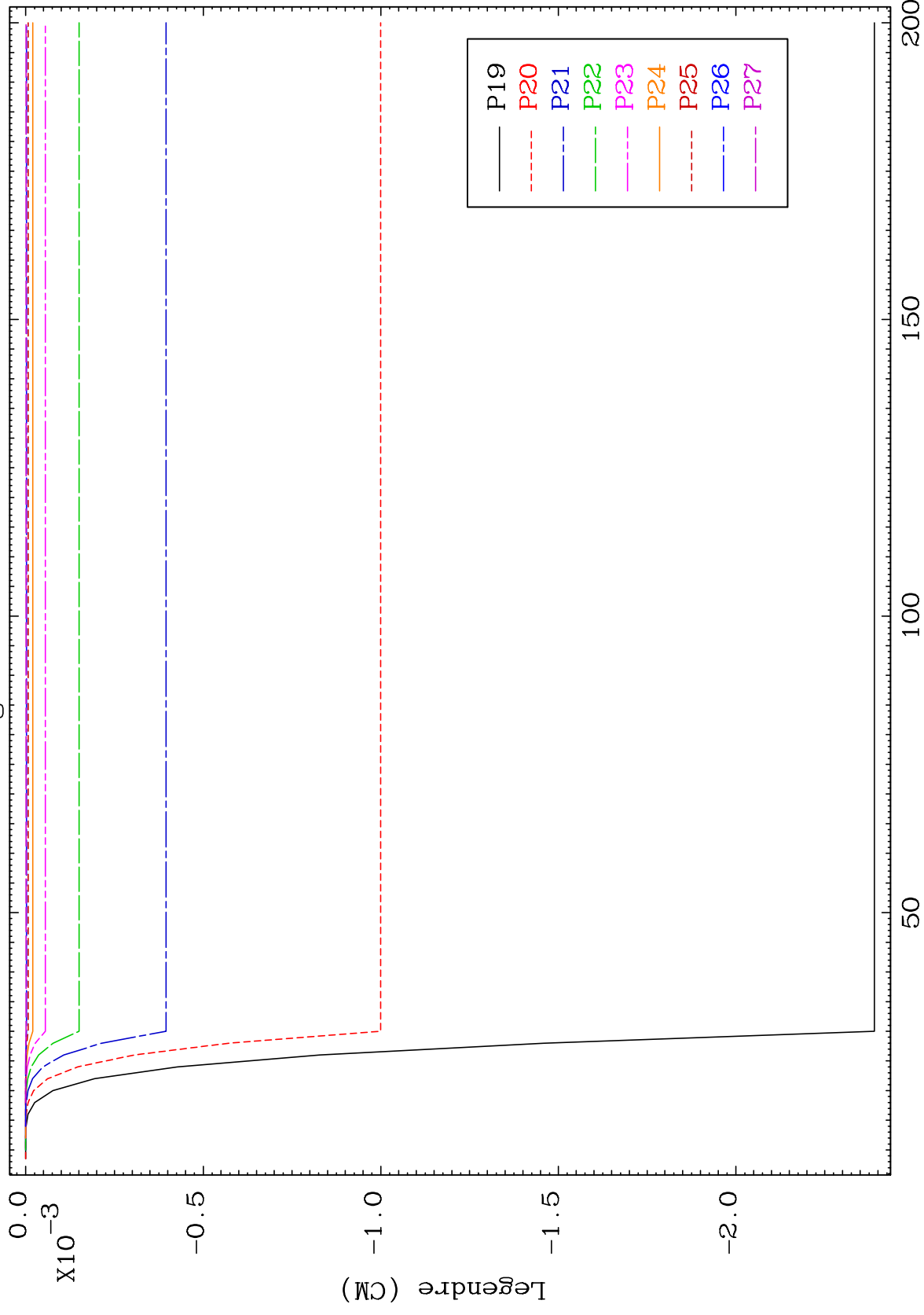
36-Kr-76

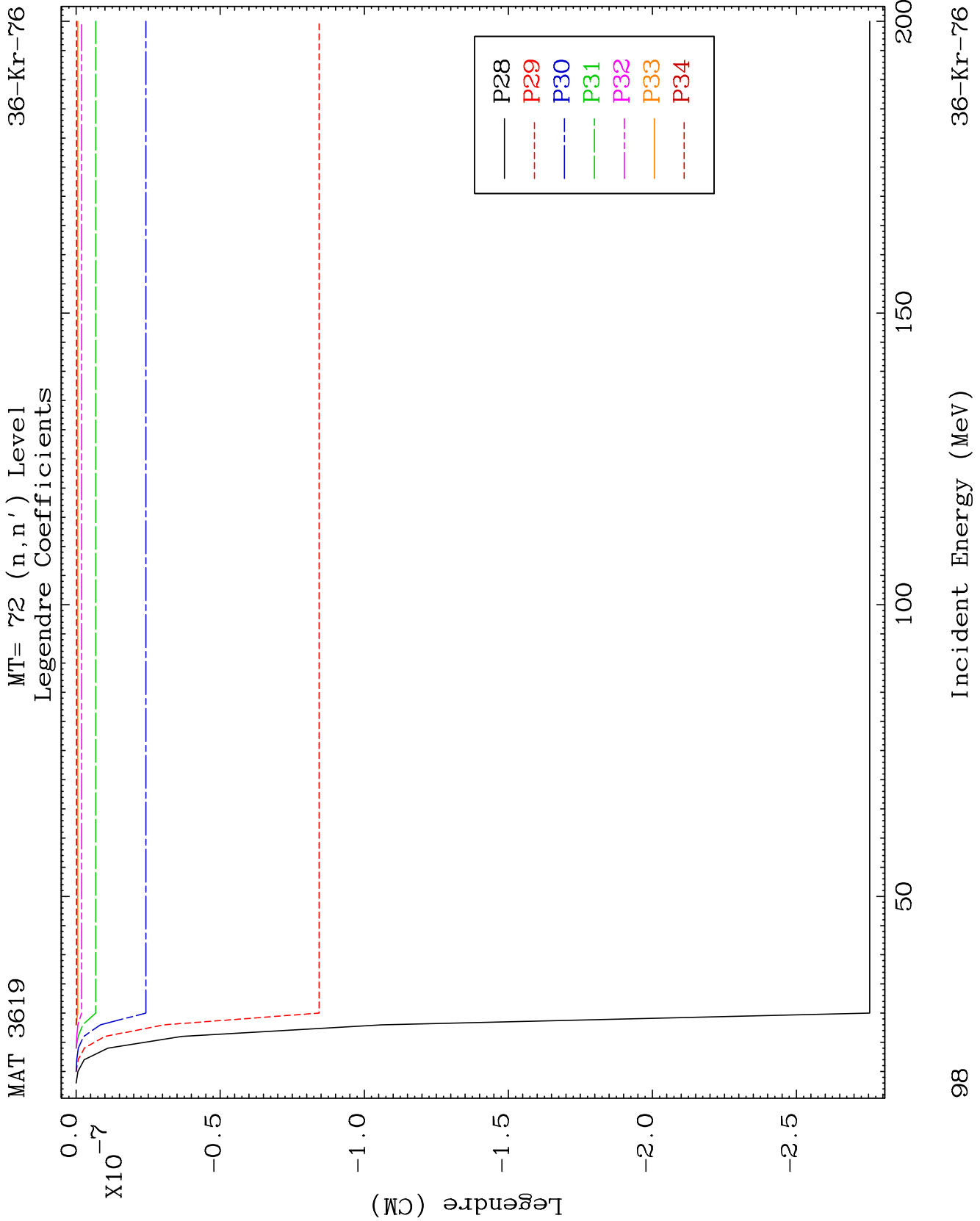


MAT 3619

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

36-Kr-76

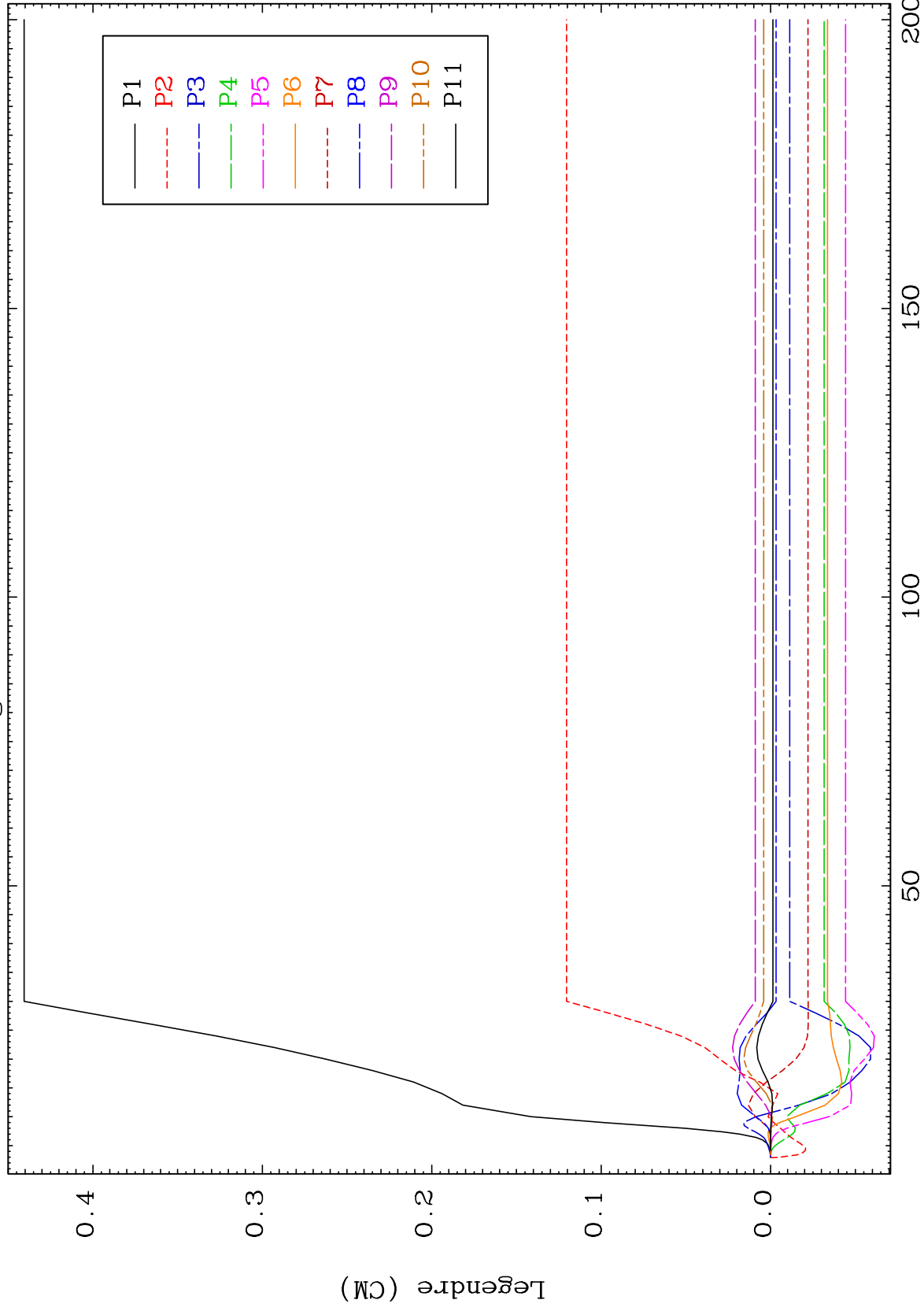




MAT 3619

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

36-Kr-76



99

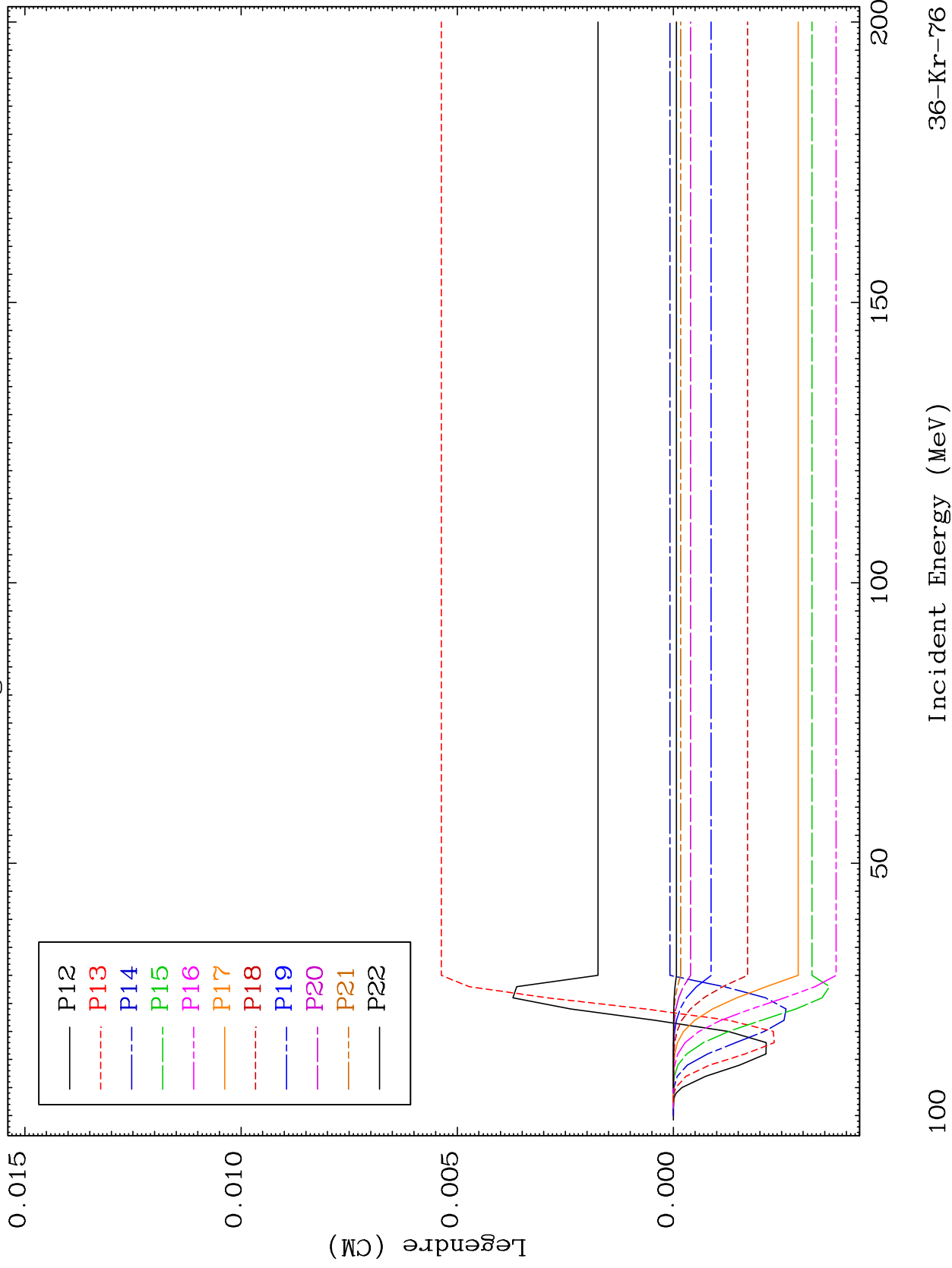
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

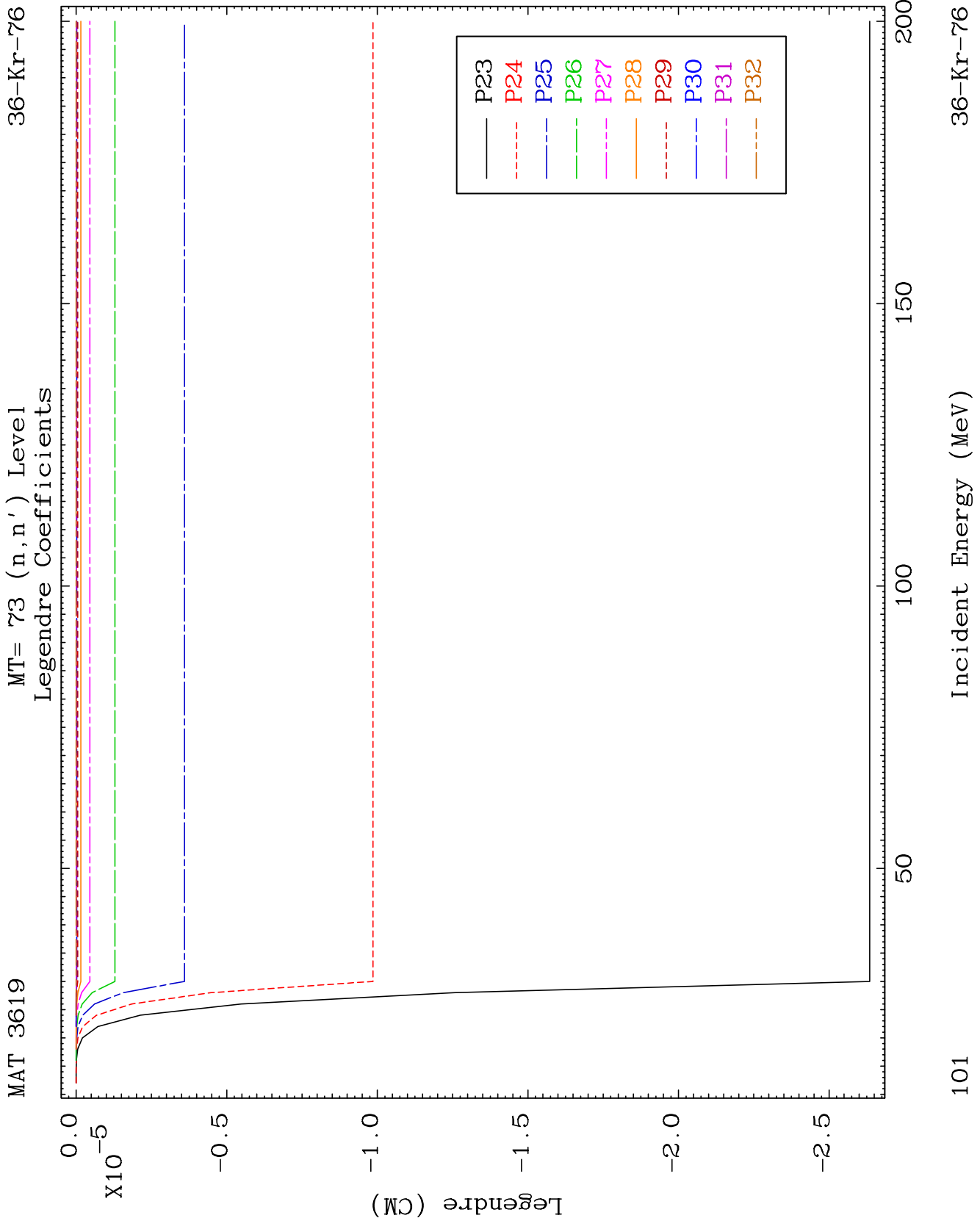
36-Kr-76



36-Kr-76

Incident Energy (MeV)

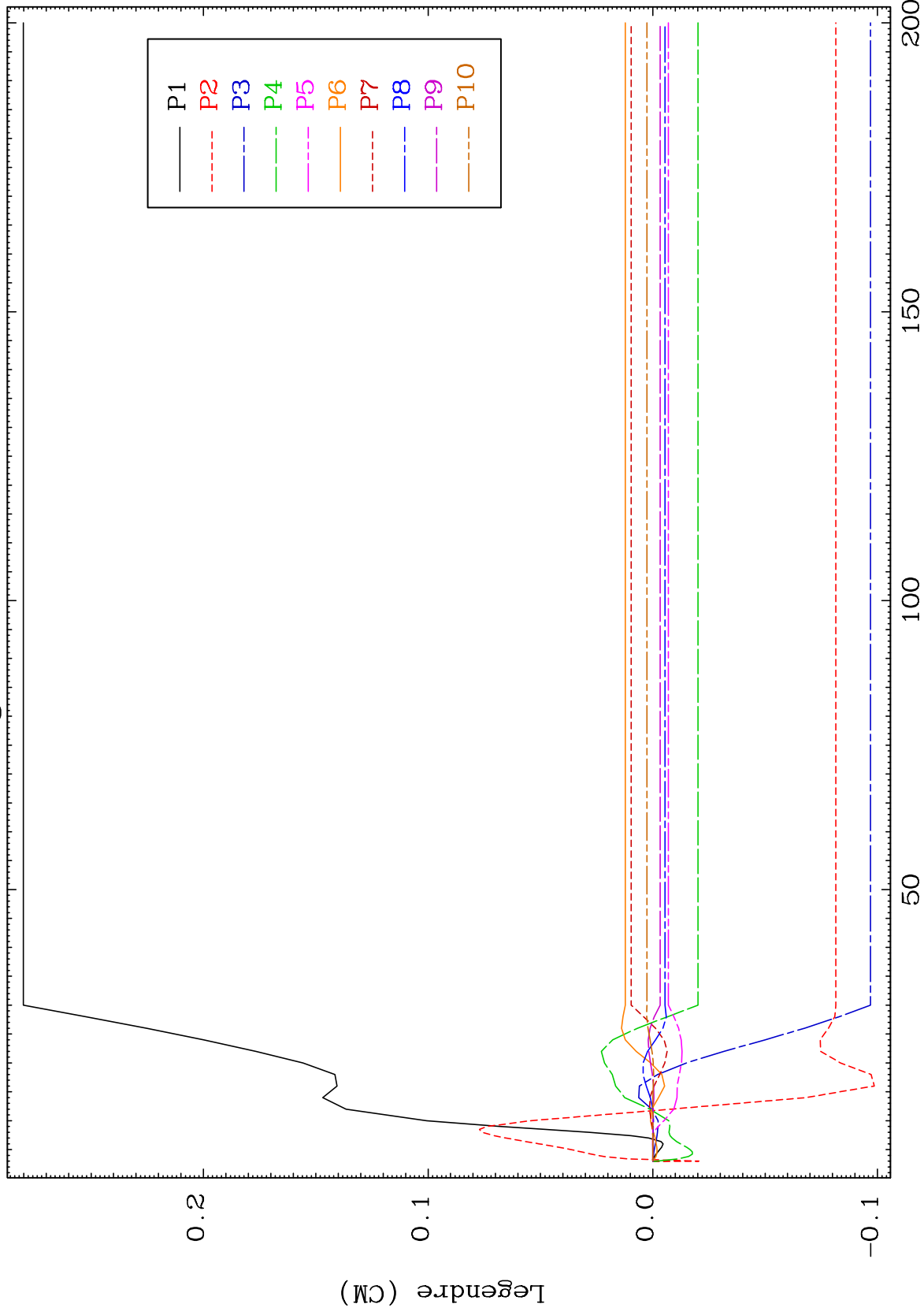
100



MAT 3619

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

36-Kr-76



102

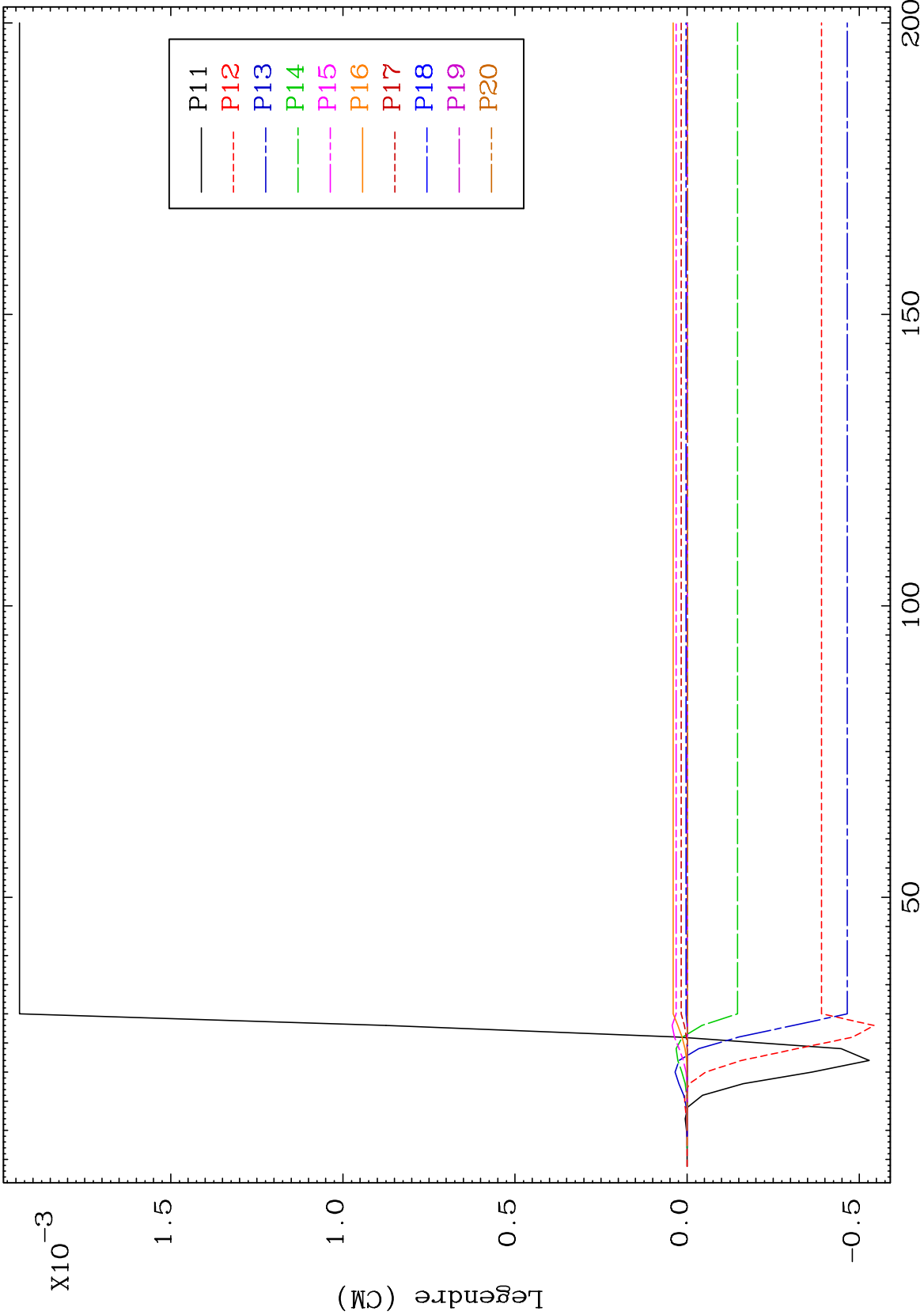
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



103

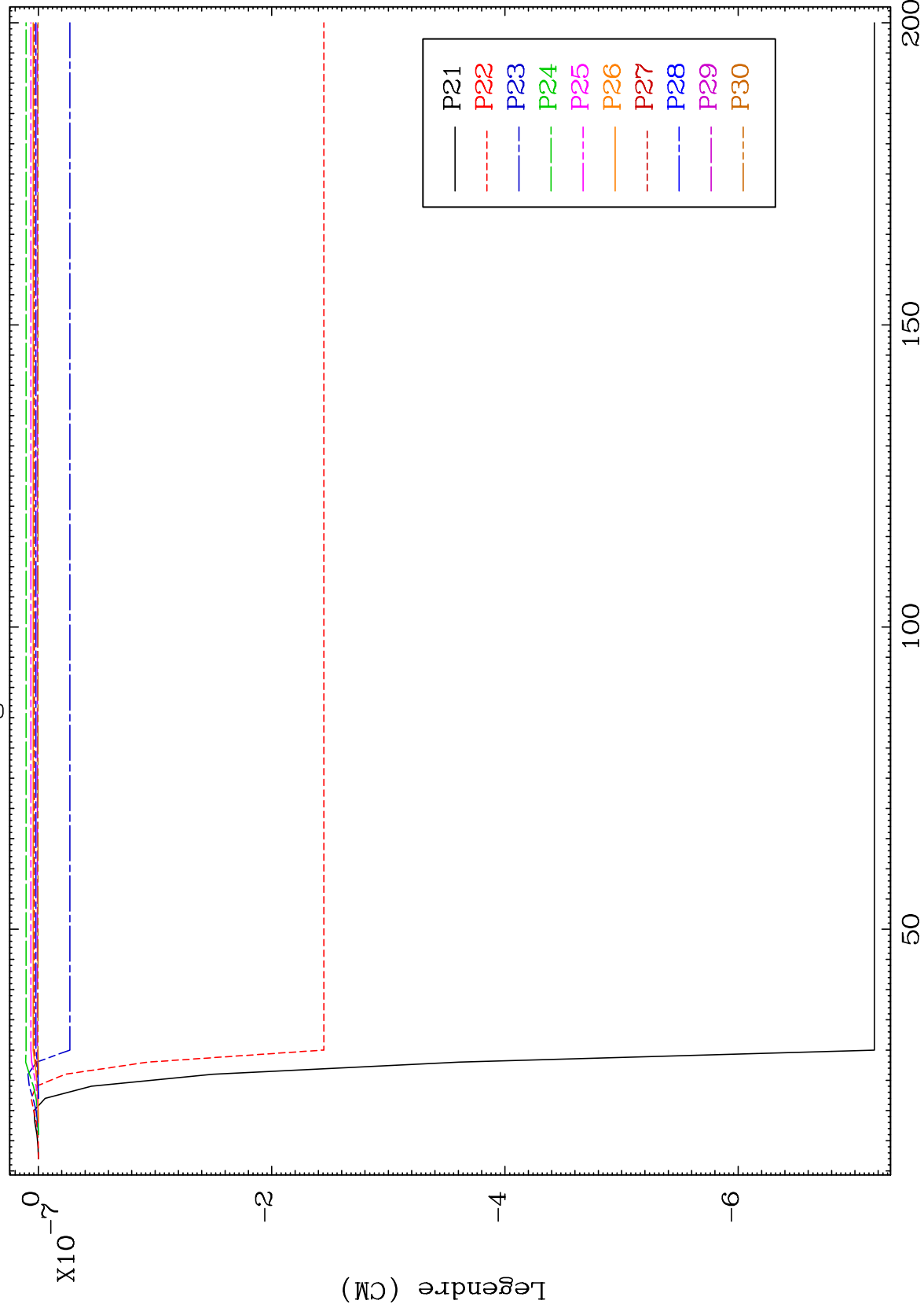
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

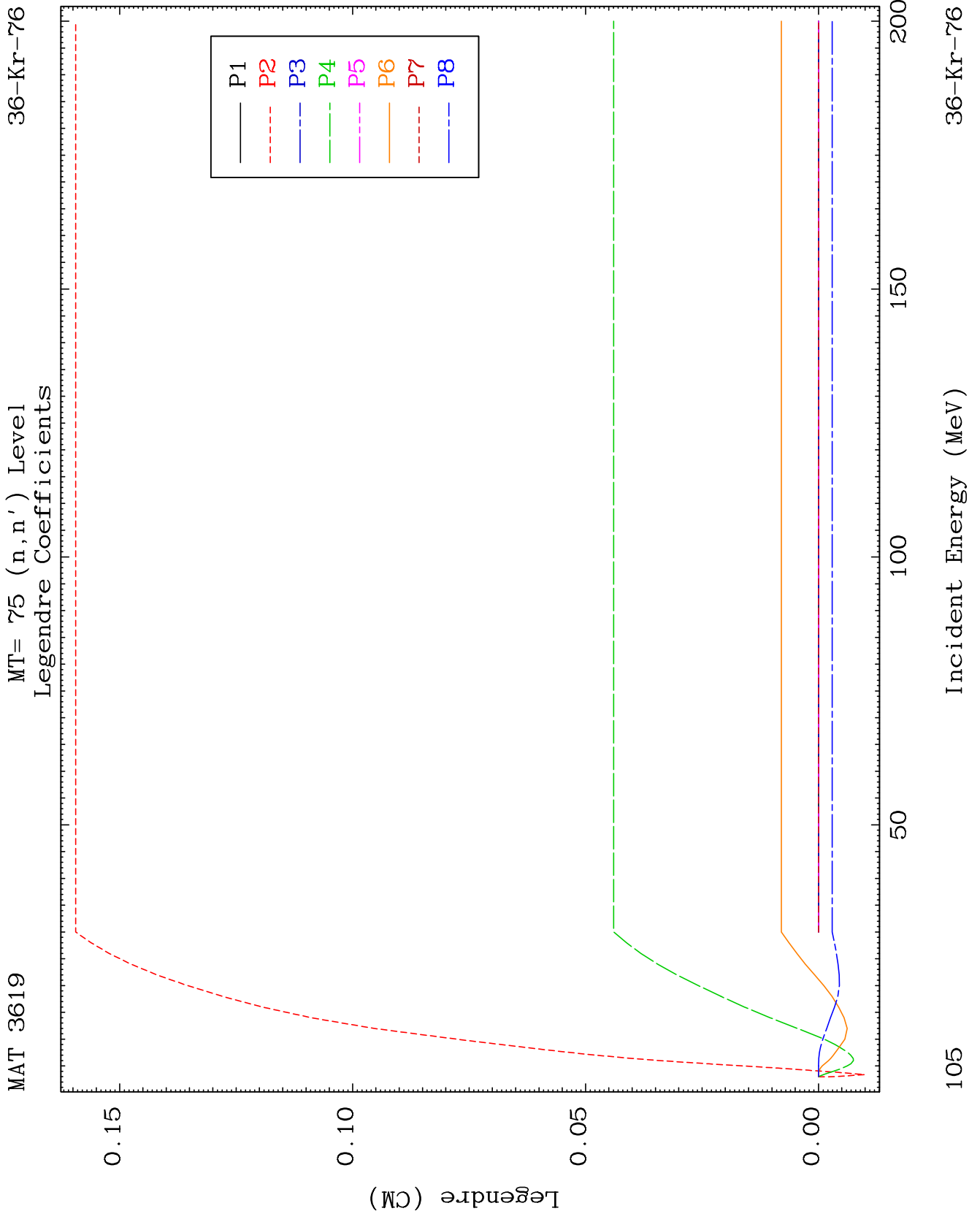
36-Kr-76

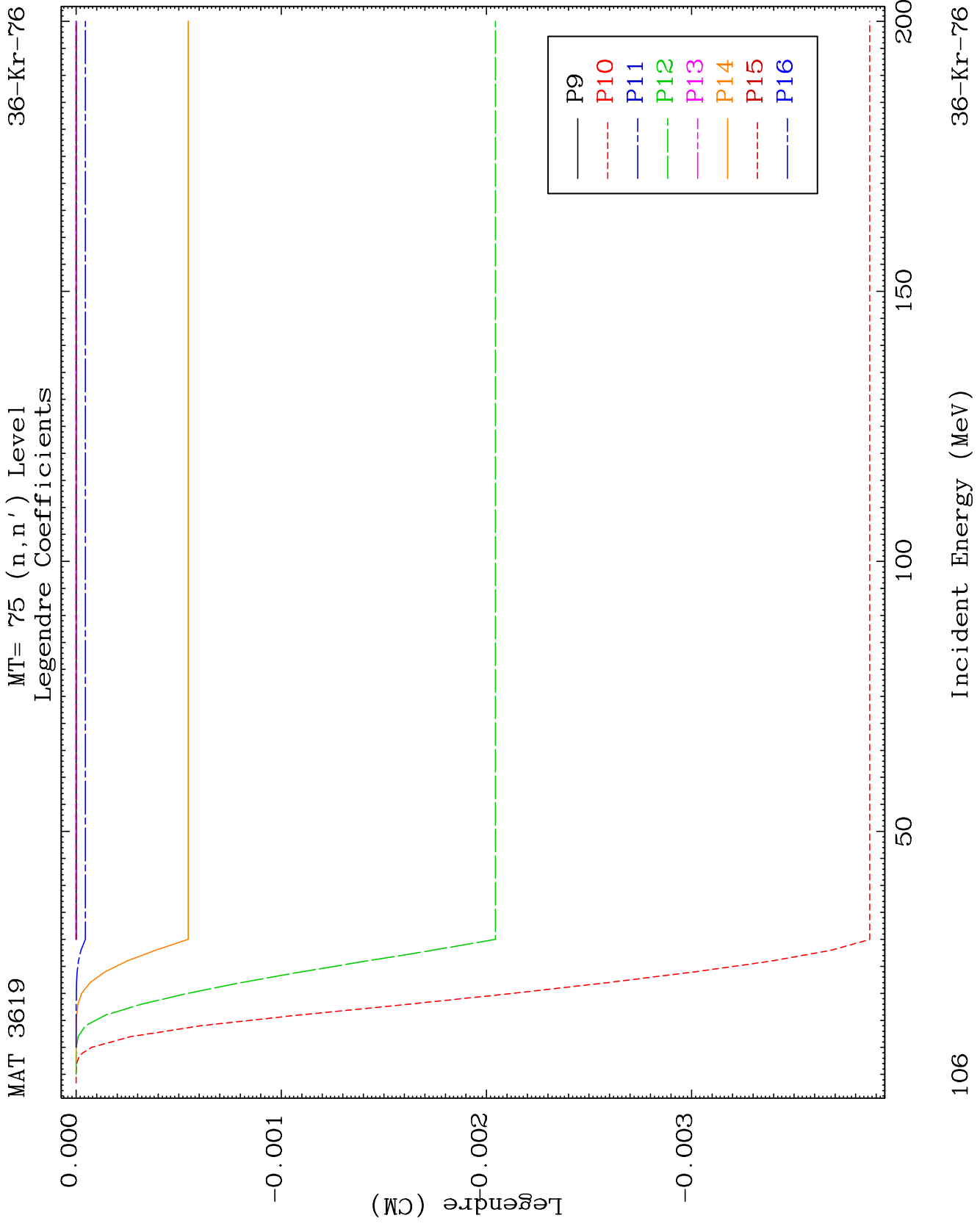


104

Incident Energy (MeV)

36-Kr-76

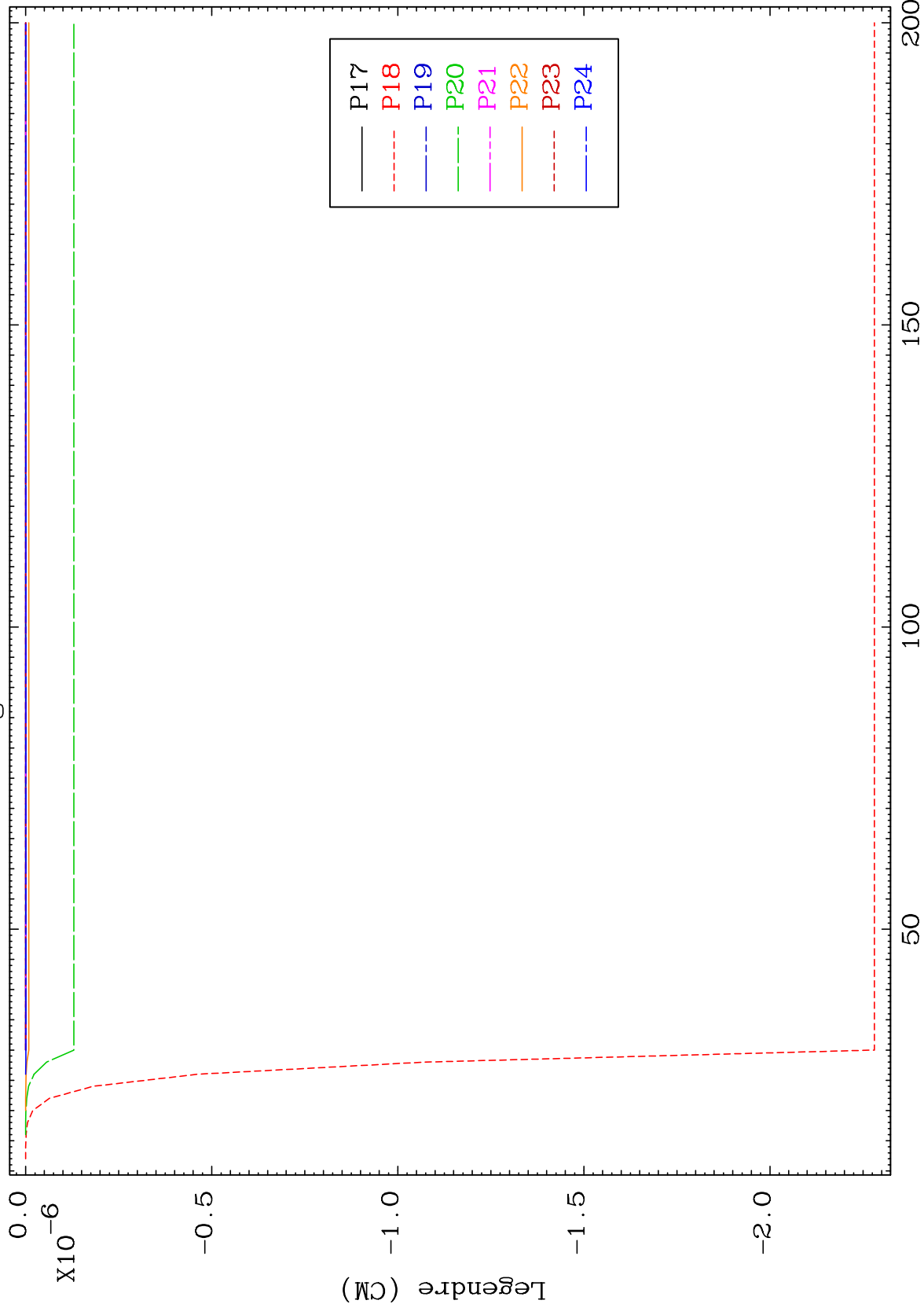




MAT 3619

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

36-Kr-76

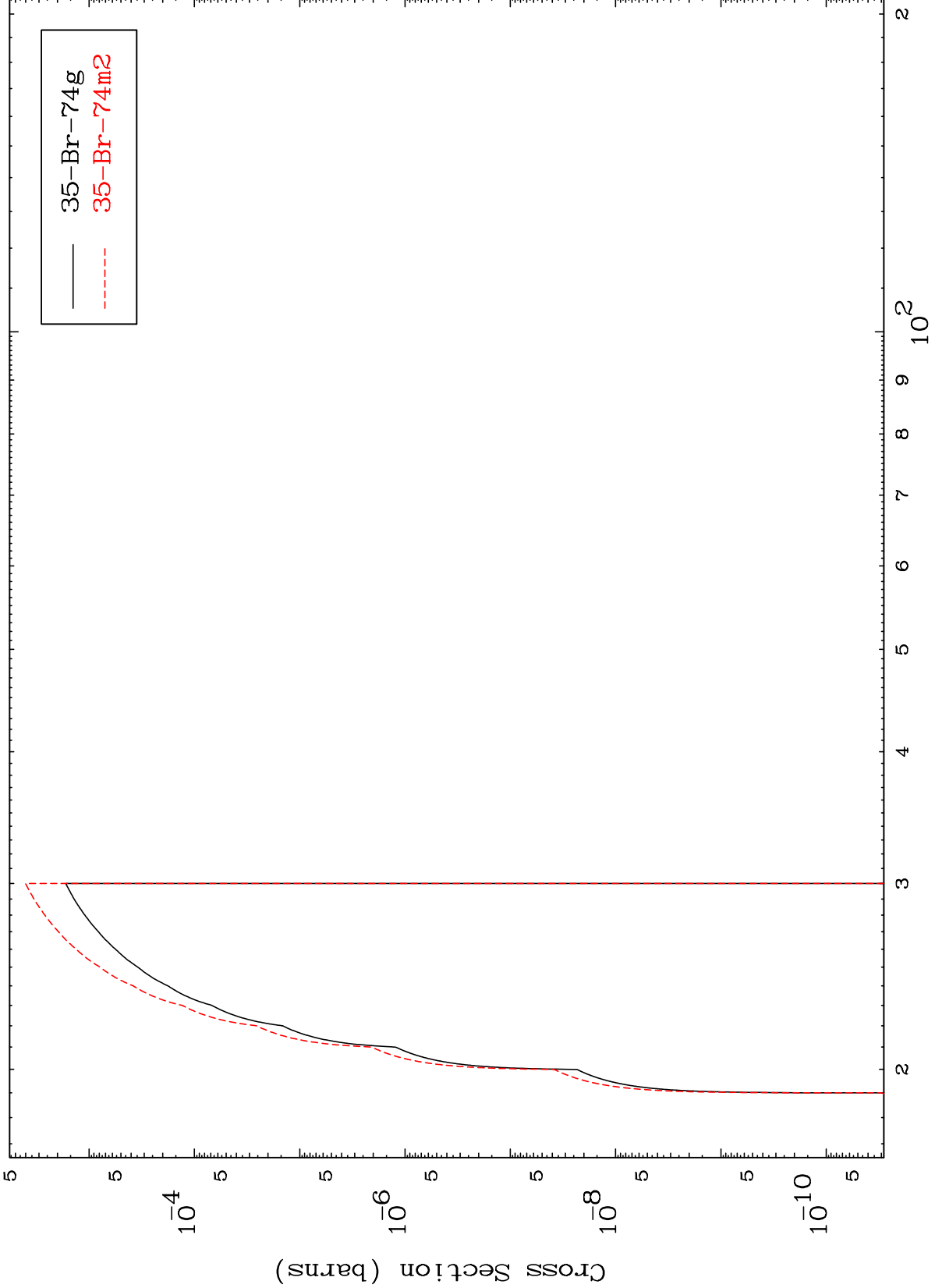


36-Kr-76

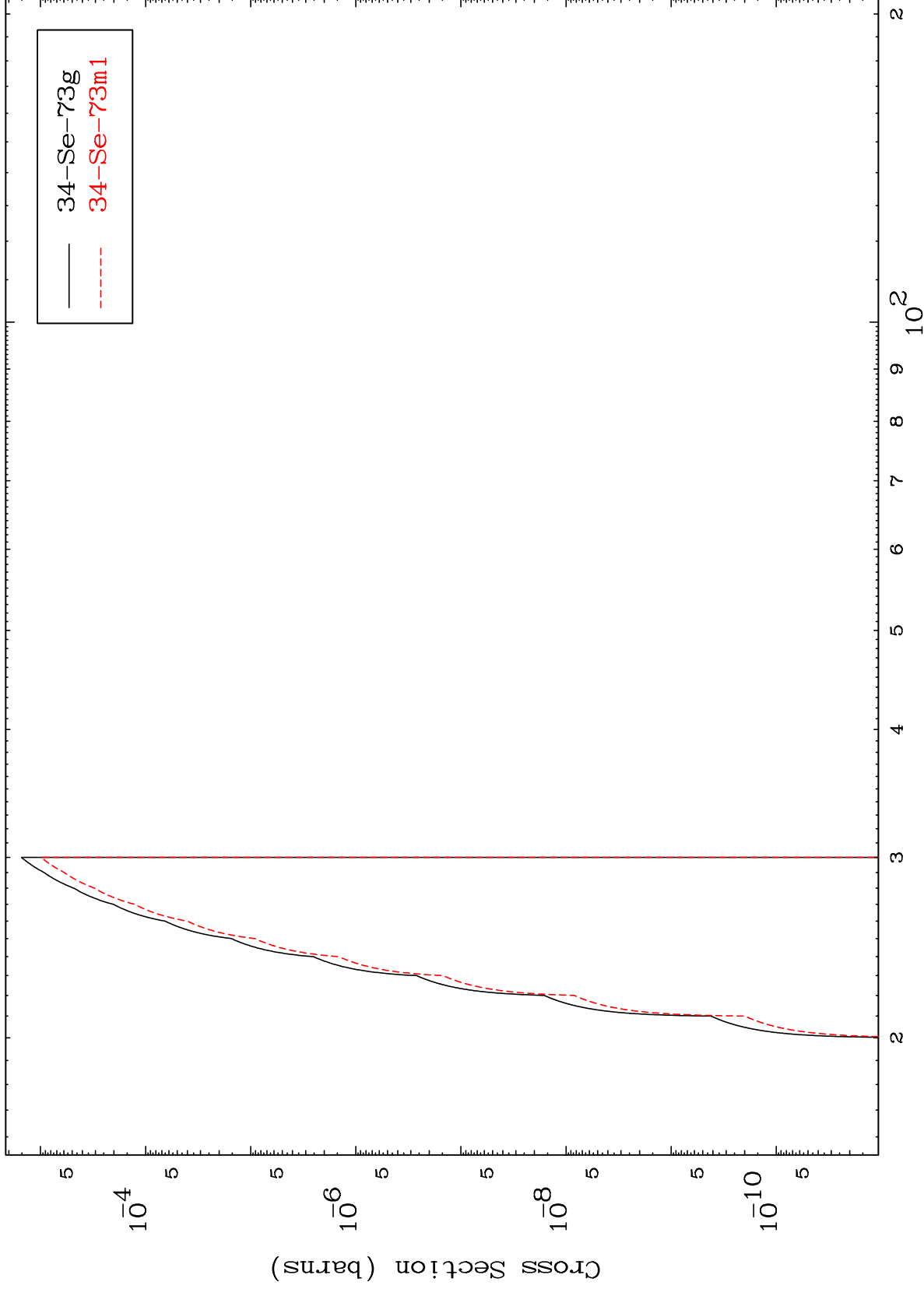
Incident Energy (MeV)

107

Radionuclide Production Cross Section



Radionuclide Production Cross Section

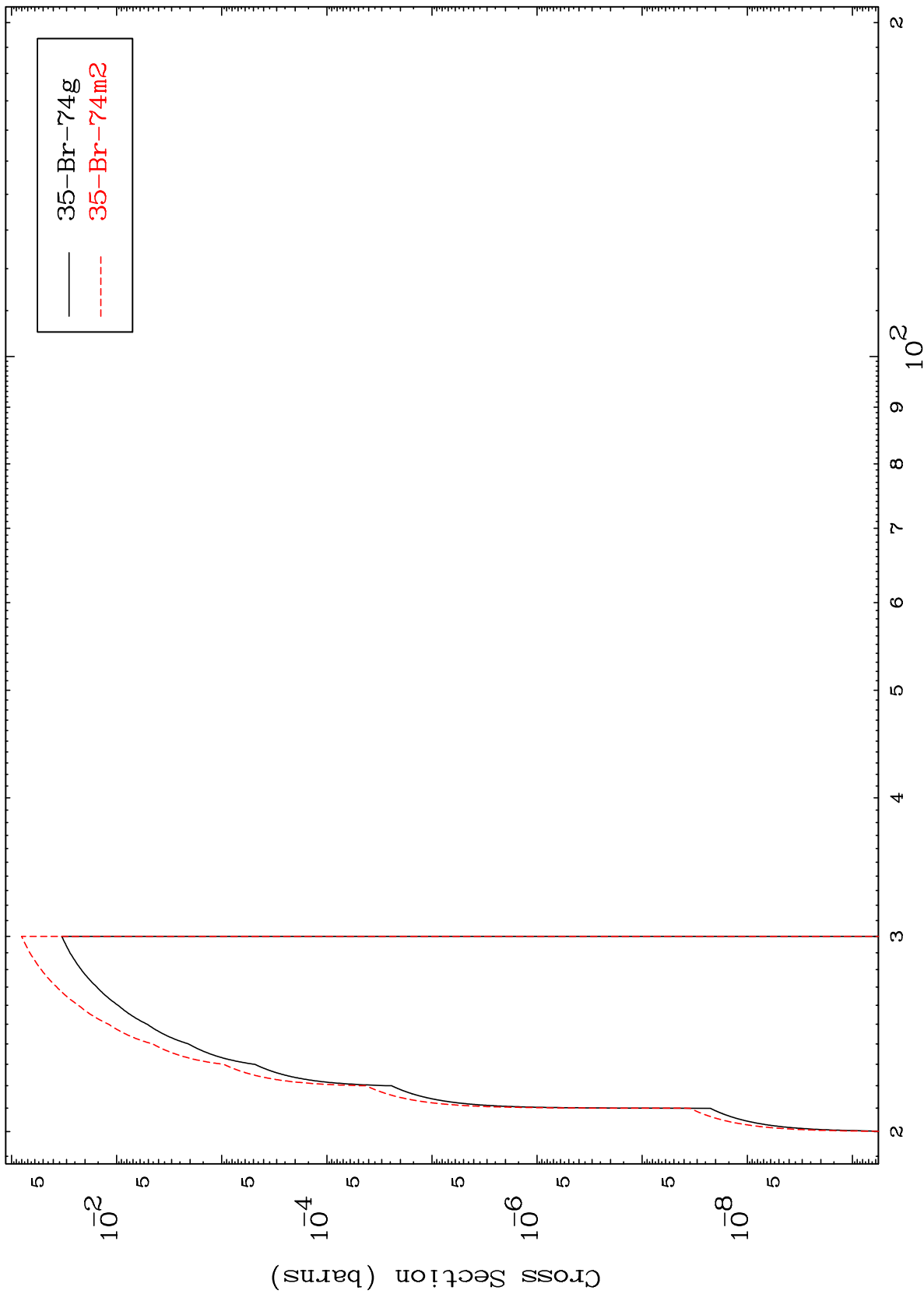


MAT 3619

(n,2n) p

36-Kr-76

Radionuclide Production Cross Section



110

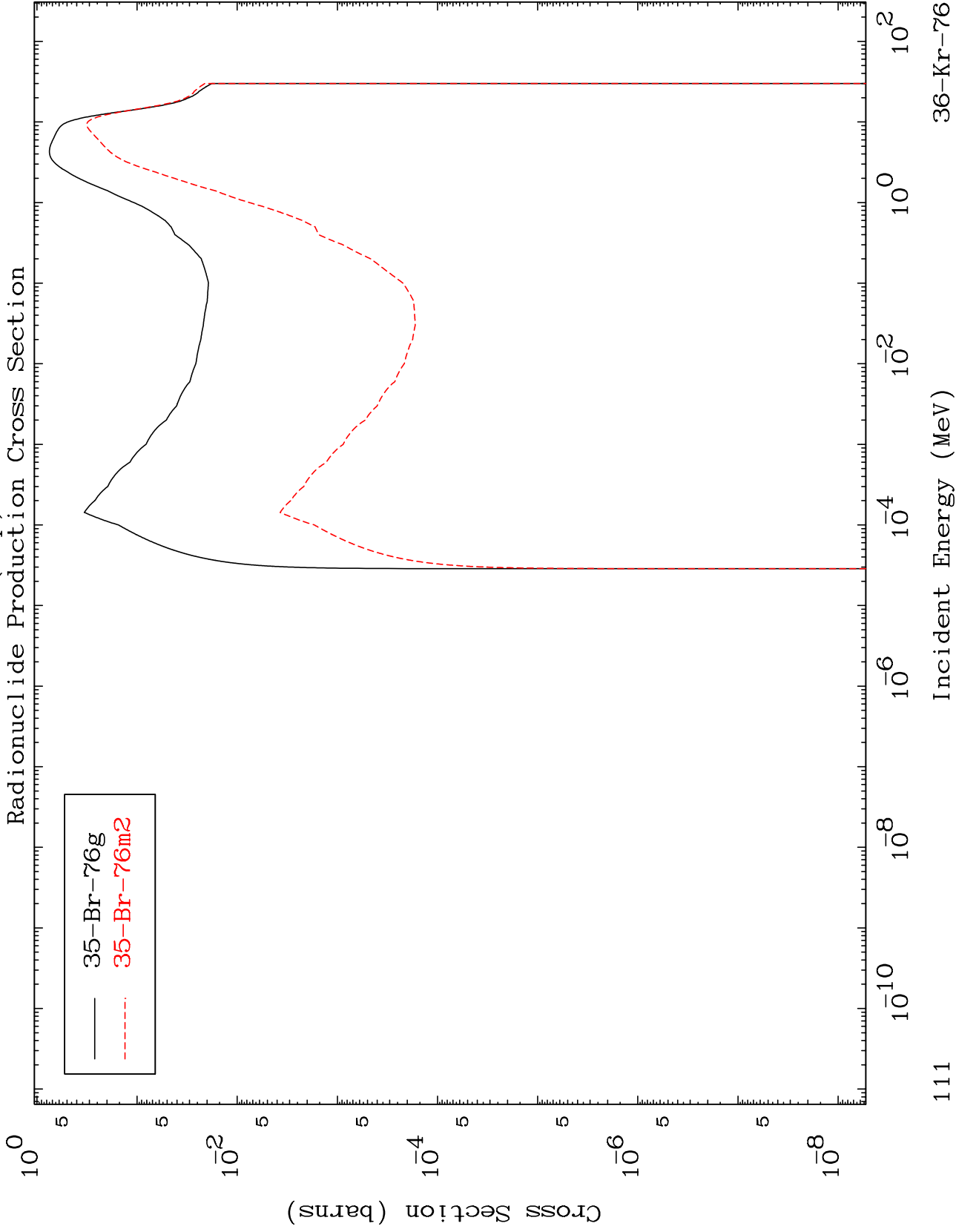
Incident Energy (MeV)

36-Kr-76

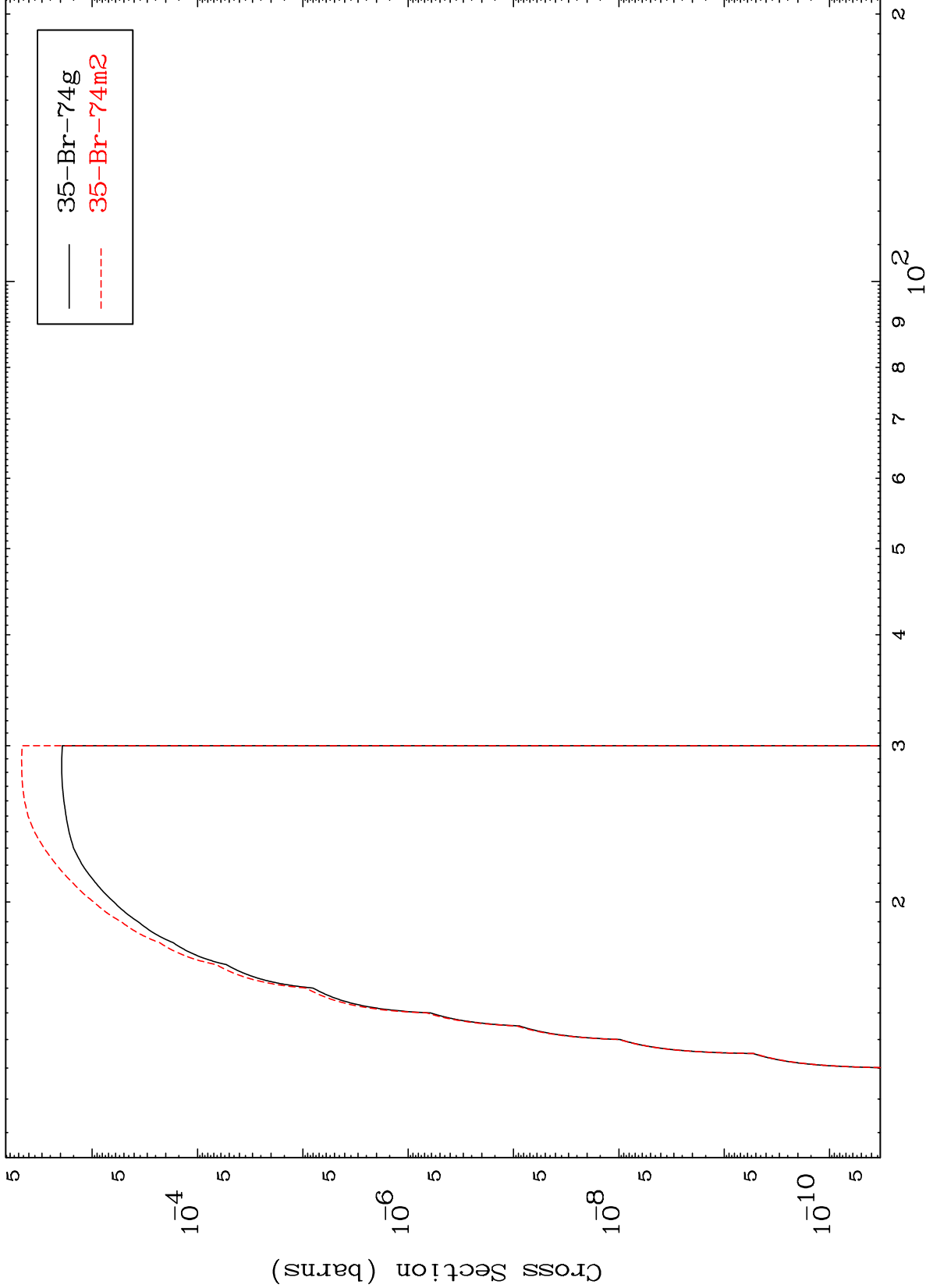
MAT 3619

³⁶Kr-76

(n,p)
Radionuclide Production Cross Section



(n,t)
Radionuclide Production Cross Section



MAT 3619

³⁶Kr-76

(n,α)
Radionuclide Production Cross Section

