

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

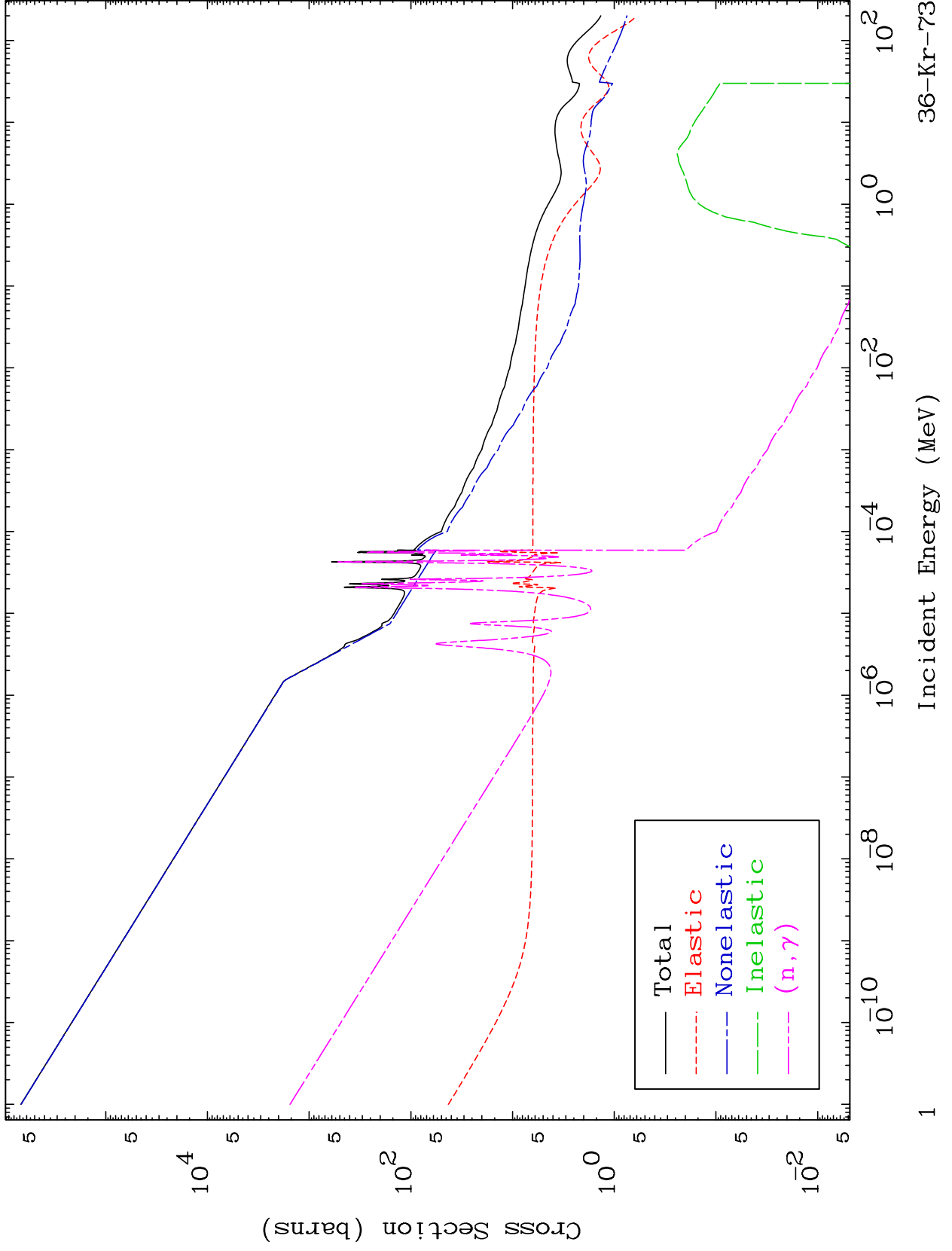
Web:redcullen1.net/HOMEPAGE.NEW

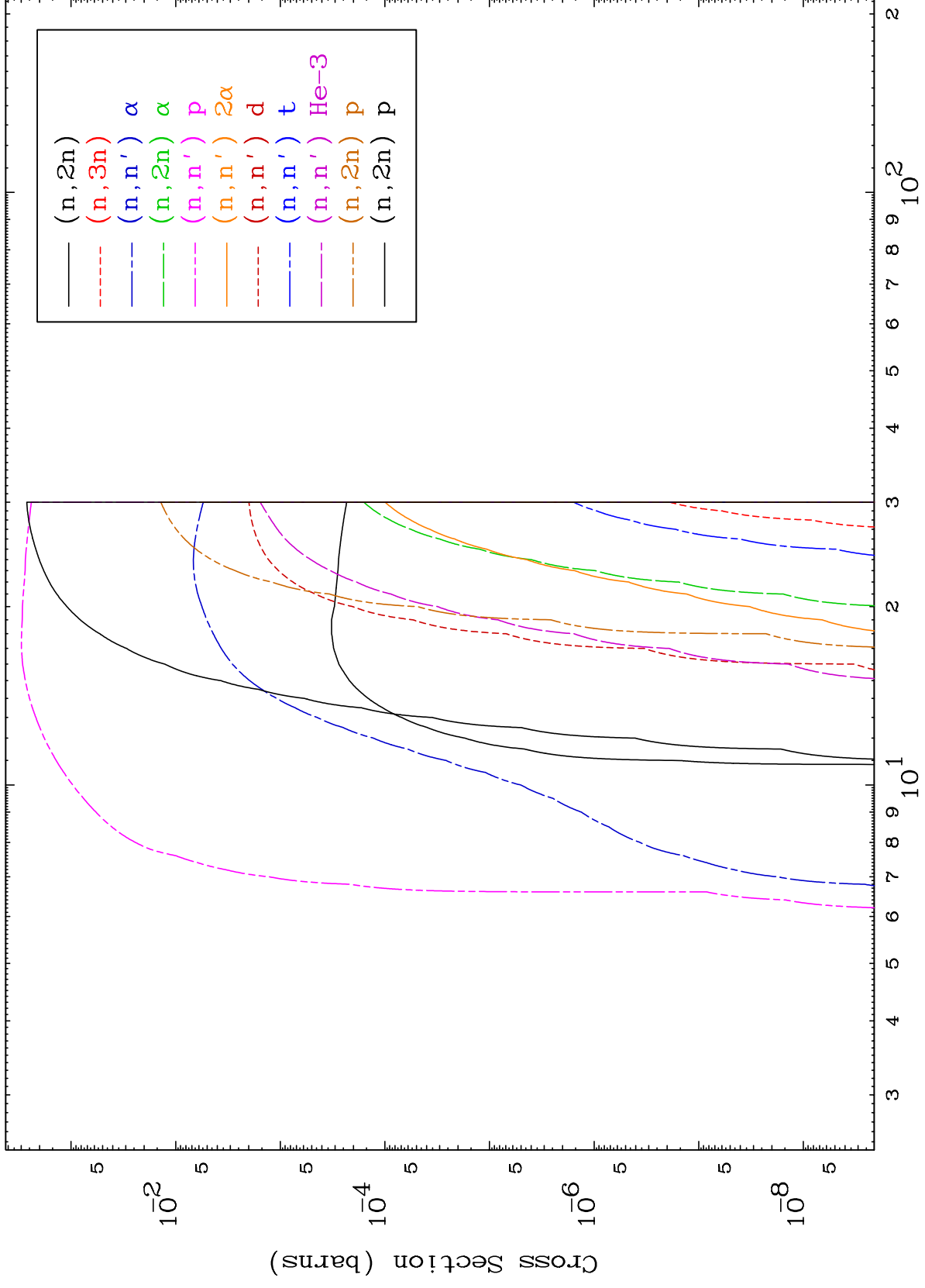
Press Mouse Button to Start

MAT 3610

Neutron Major
293 Kelvin Cross Sections

36-Kr-73

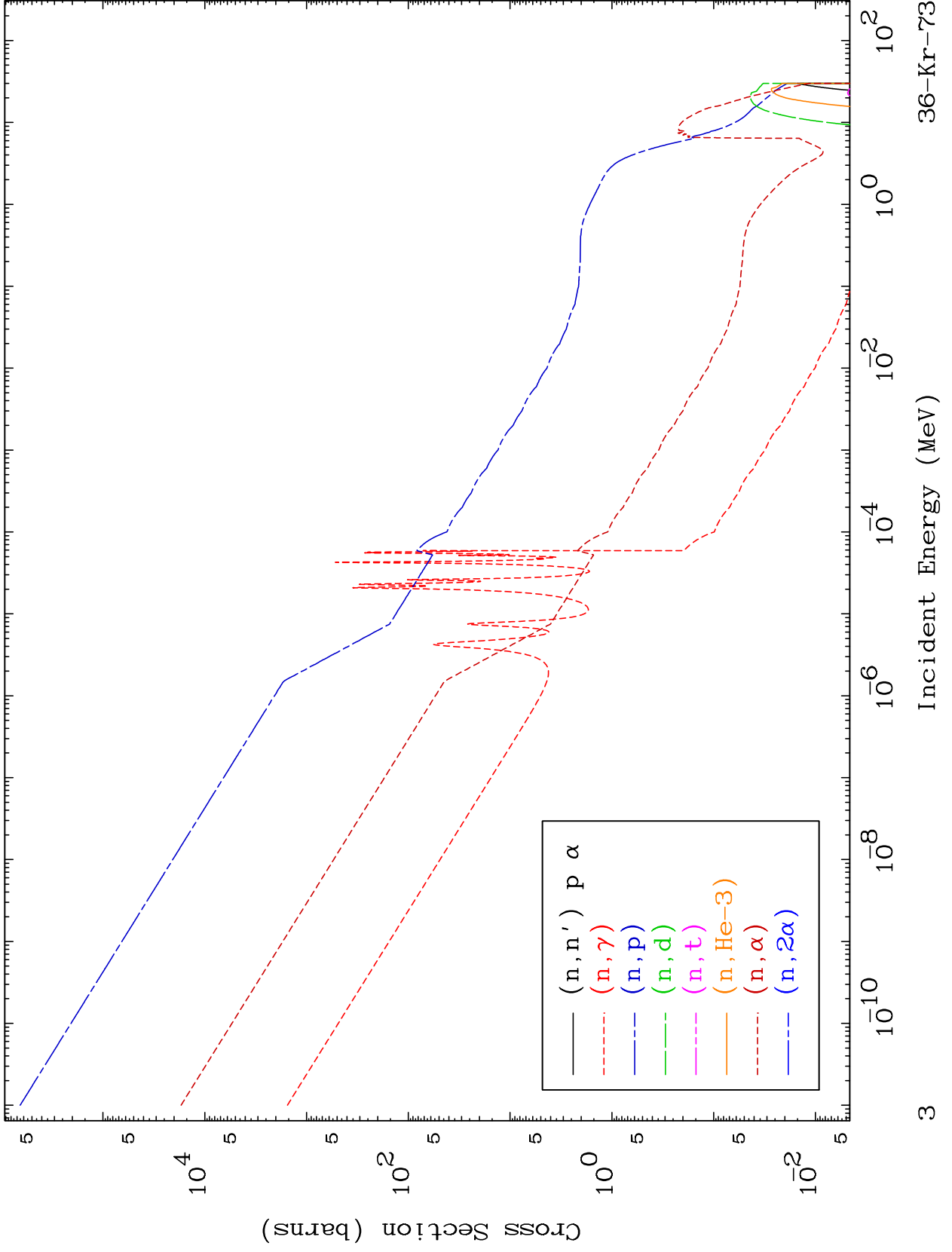




MAT 3610

Neutron Absorption
293 Kelvin Cross Sections

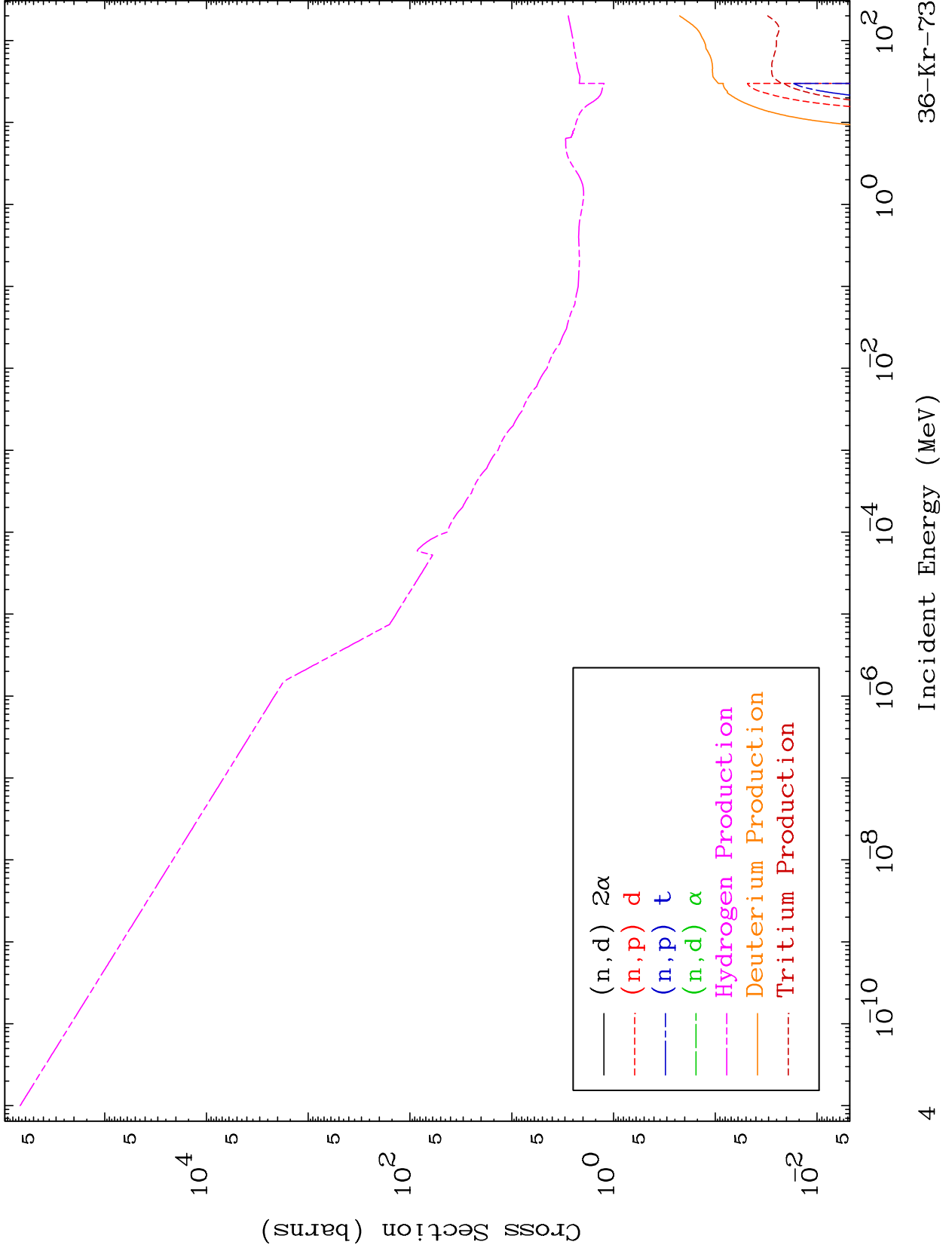
36-Kr-73



MAT 3610

Neutron Absorption
293 Kelvin Cross Sections

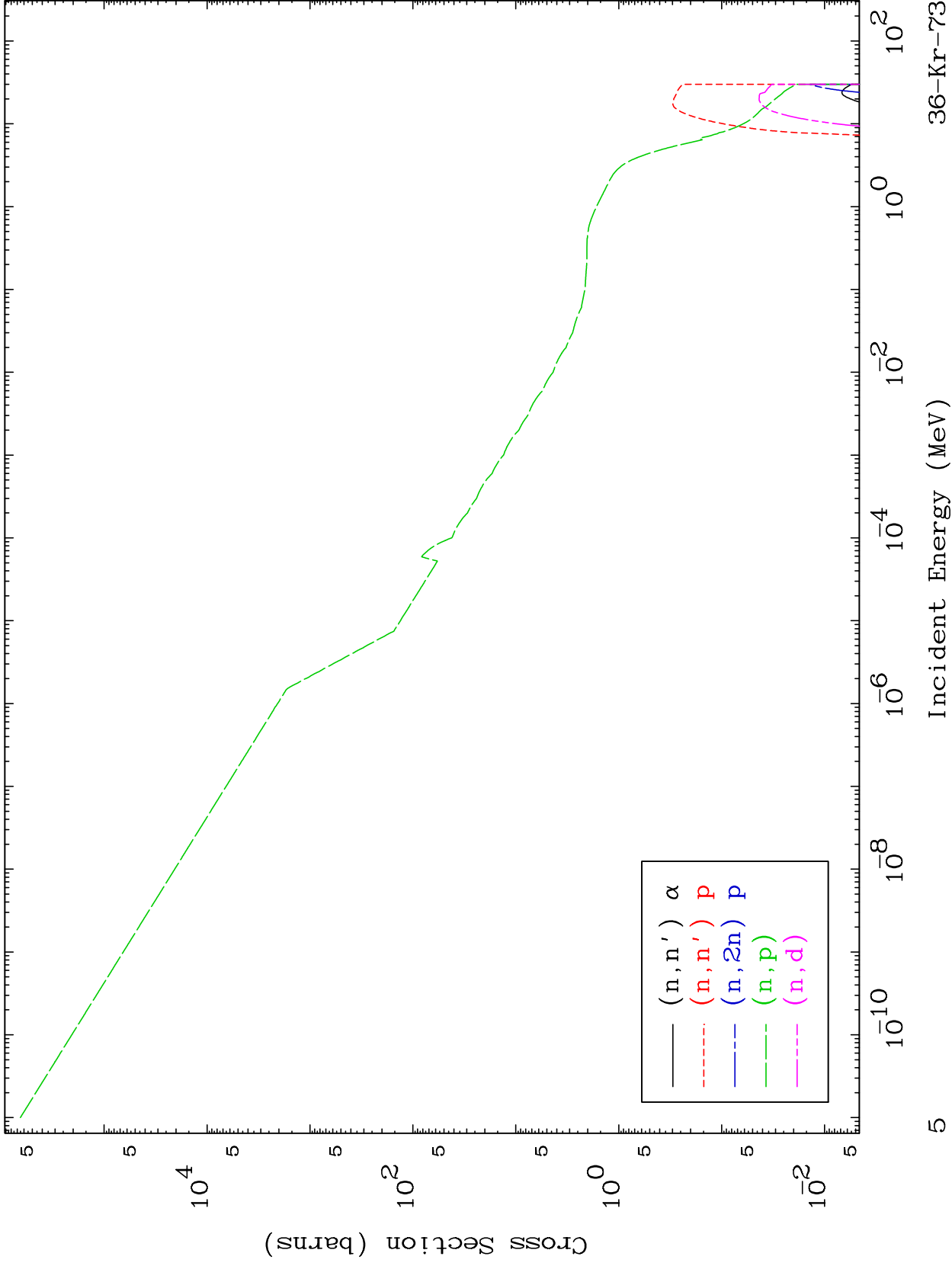
36-Kr-73



MAT 3610

Charged Particle
293 Kelvin Cross Sections

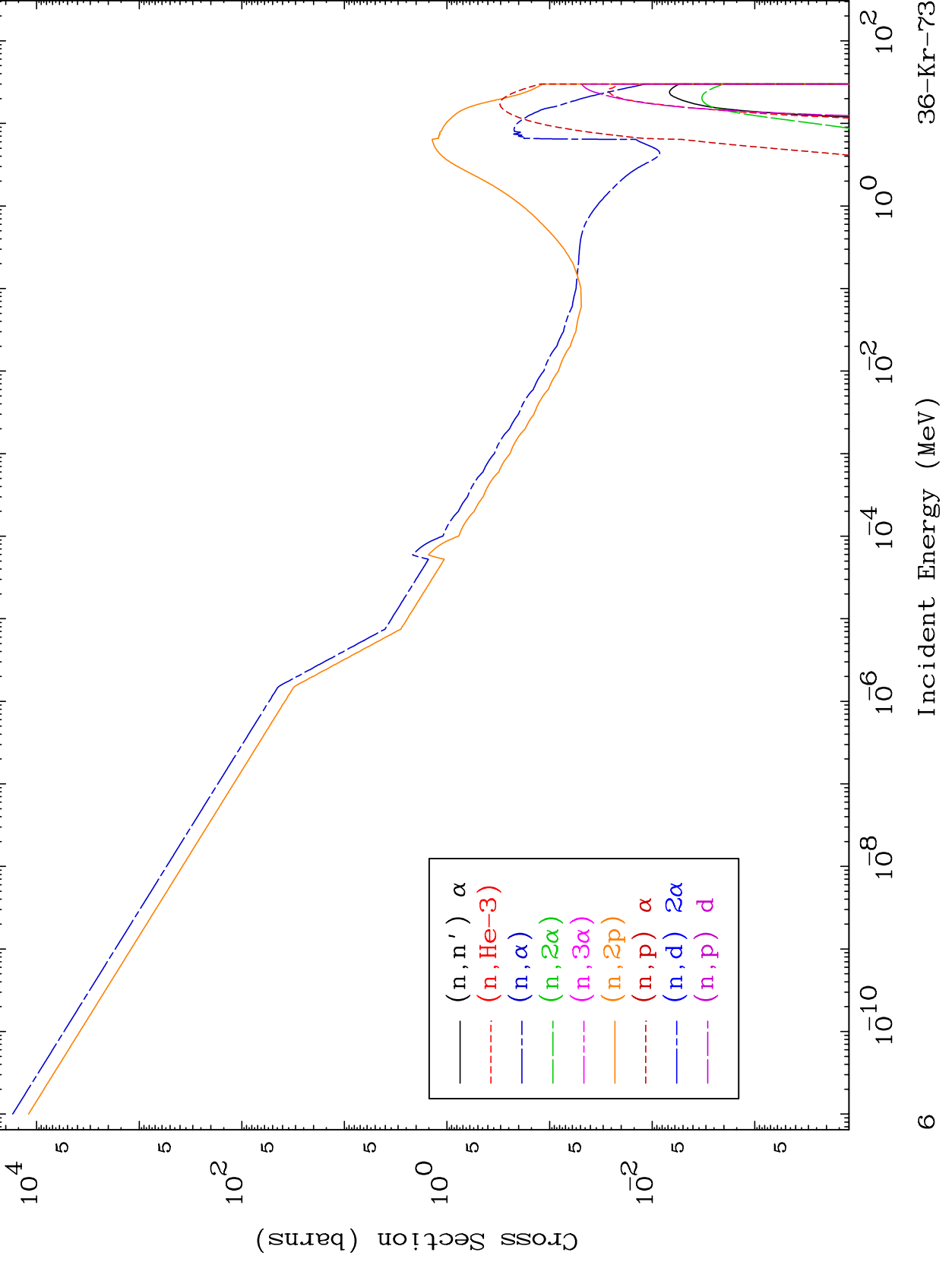
36-Kr-73



MAT 3610

Charged Particle
293 Kelvin Cross Sections

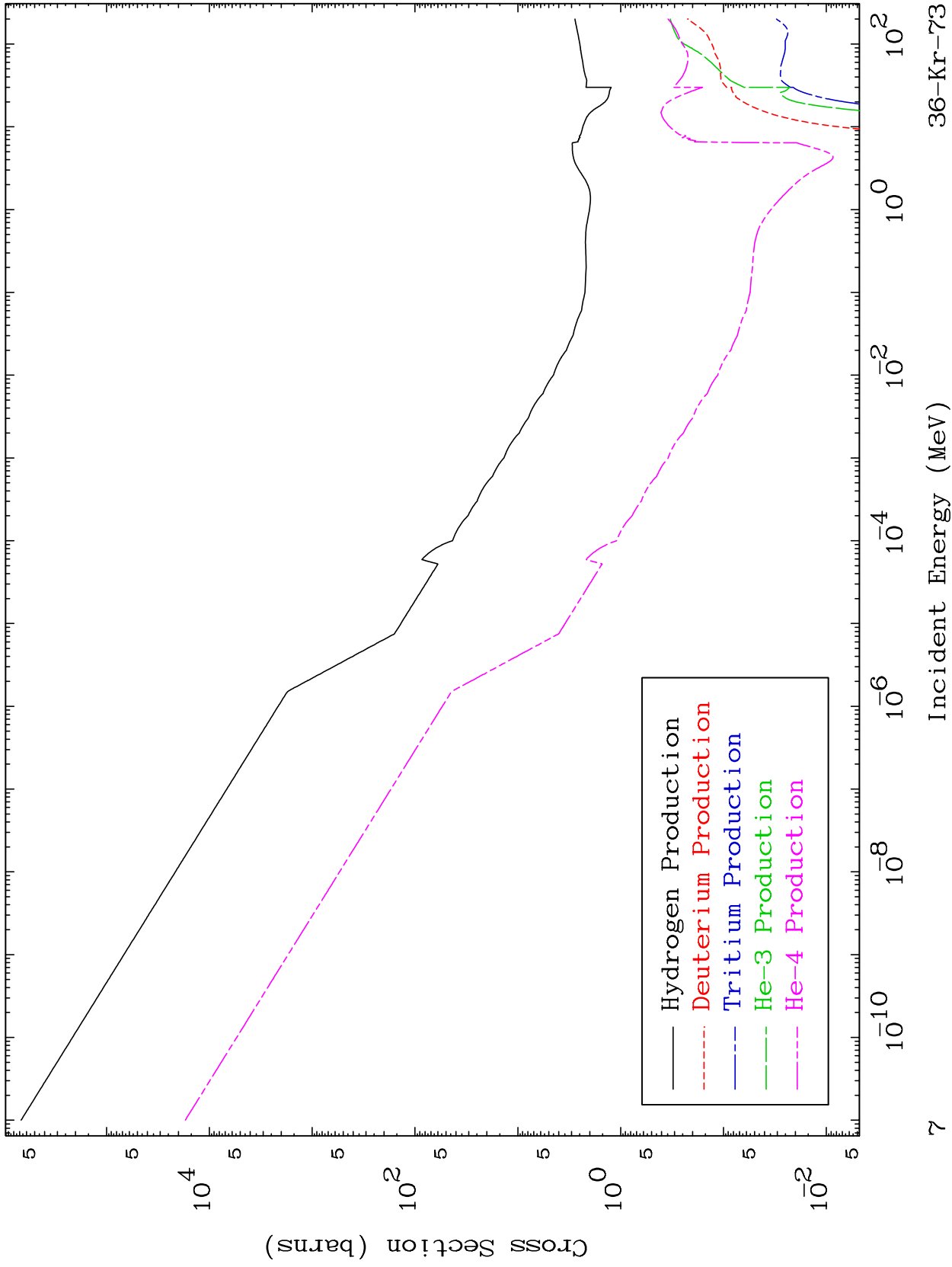
36-Kr-73

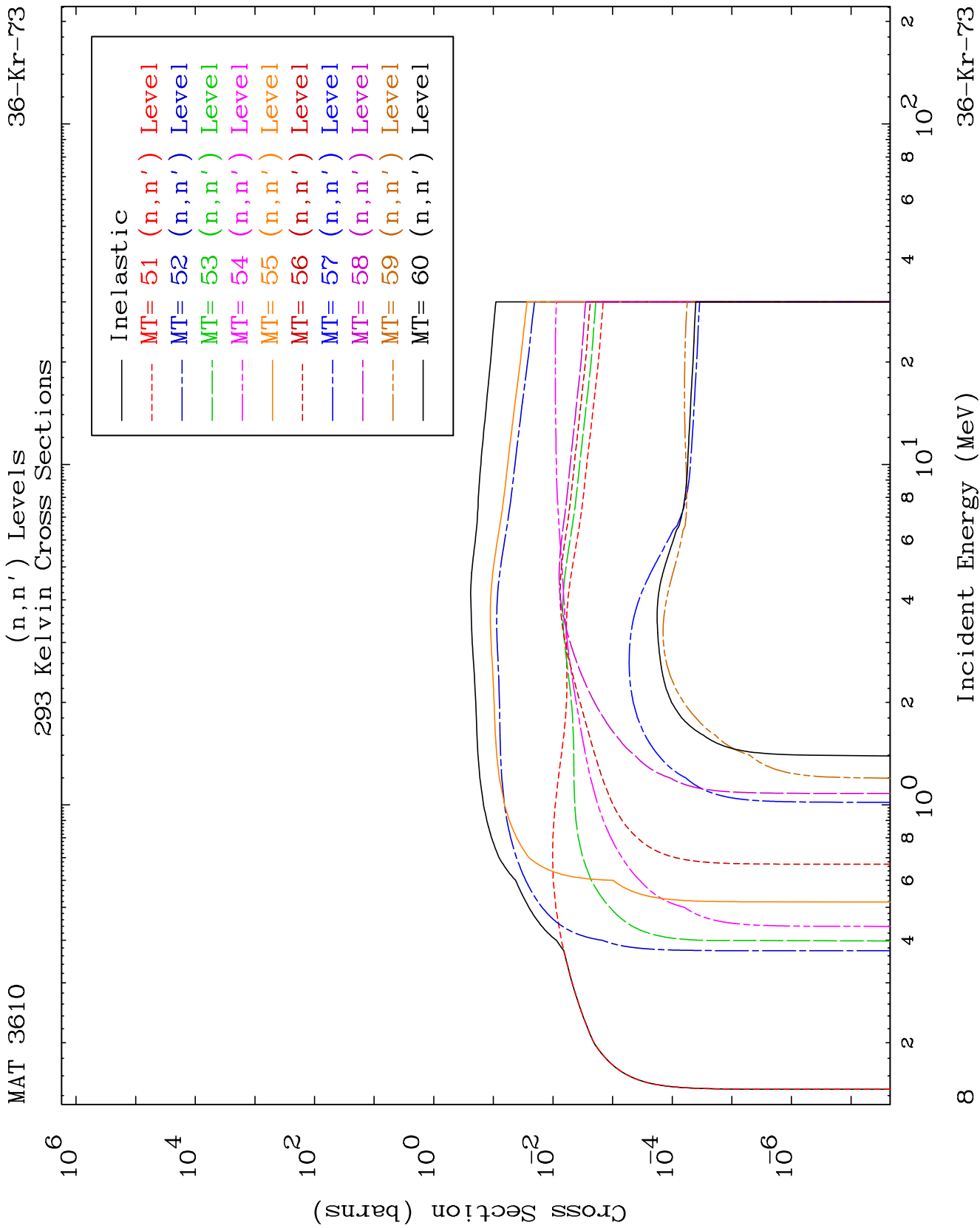


MAT 3610

Particle Production
293 Kelvin Cross Sections

36-Kr-73



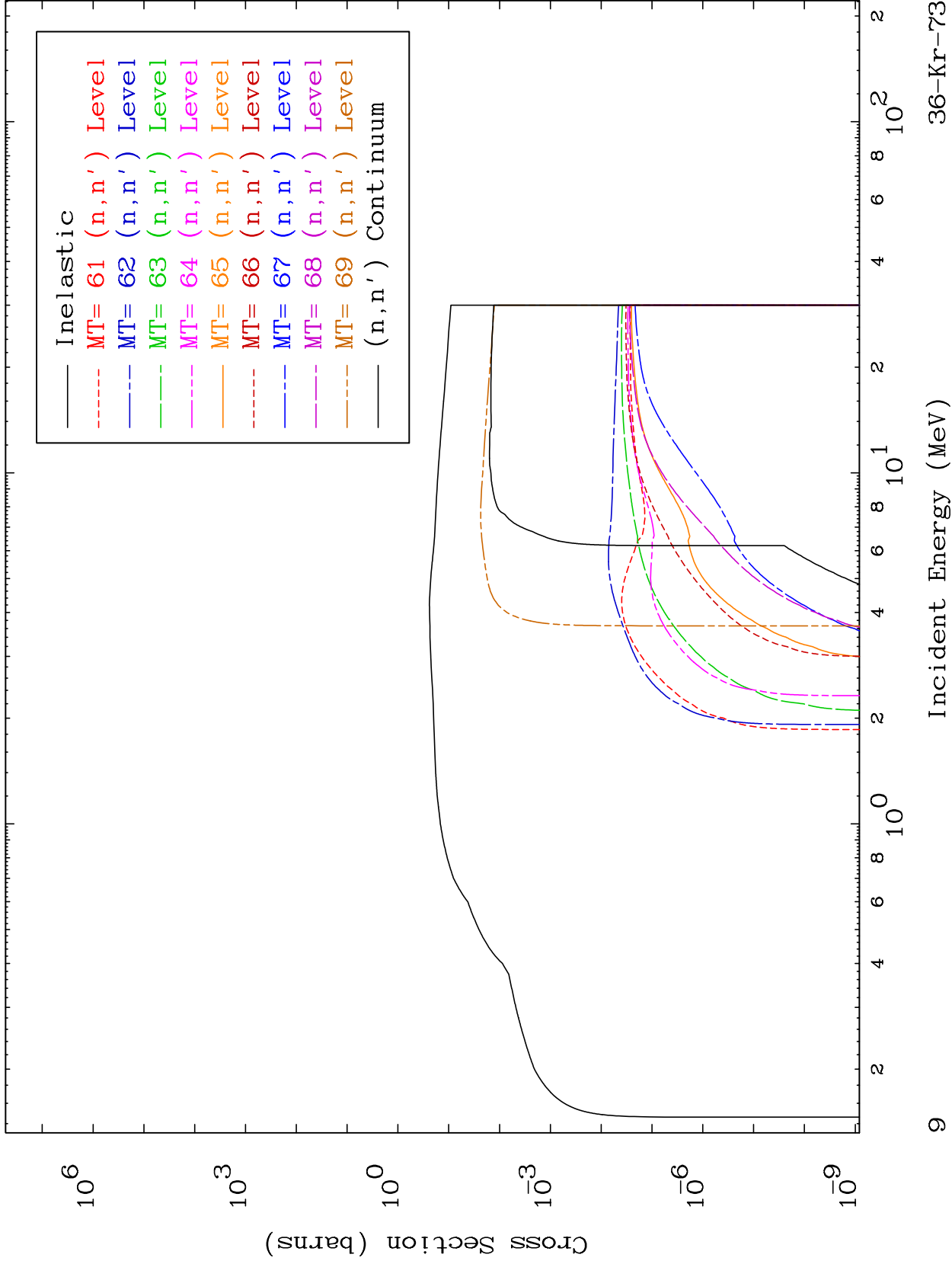


MAT 3610

(n,n') Levels

293 Kelvin Cross Sections

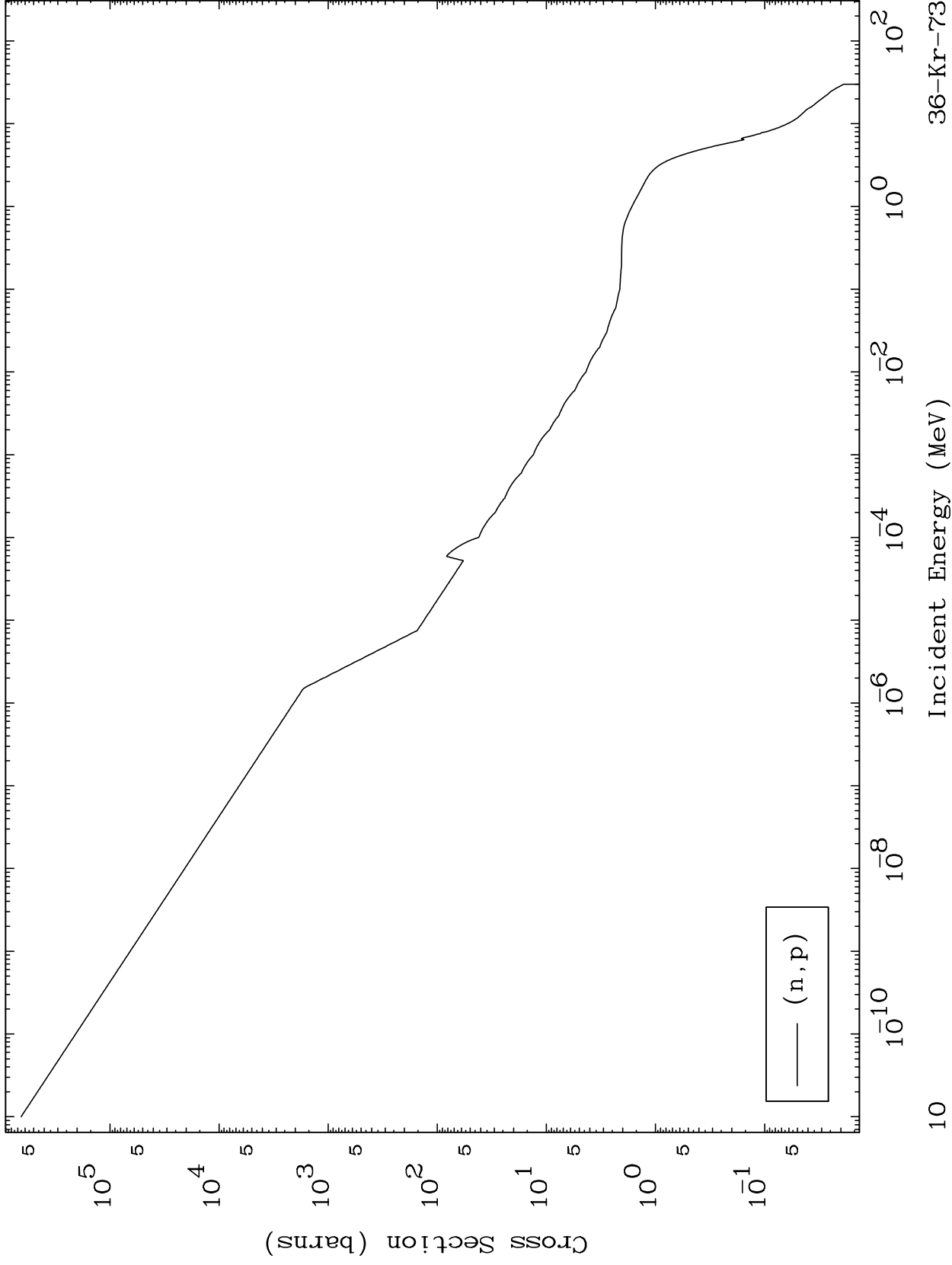
36-Kr-73



MAT 3610

(n,p) Levels
293 Kelvin Cross Sections

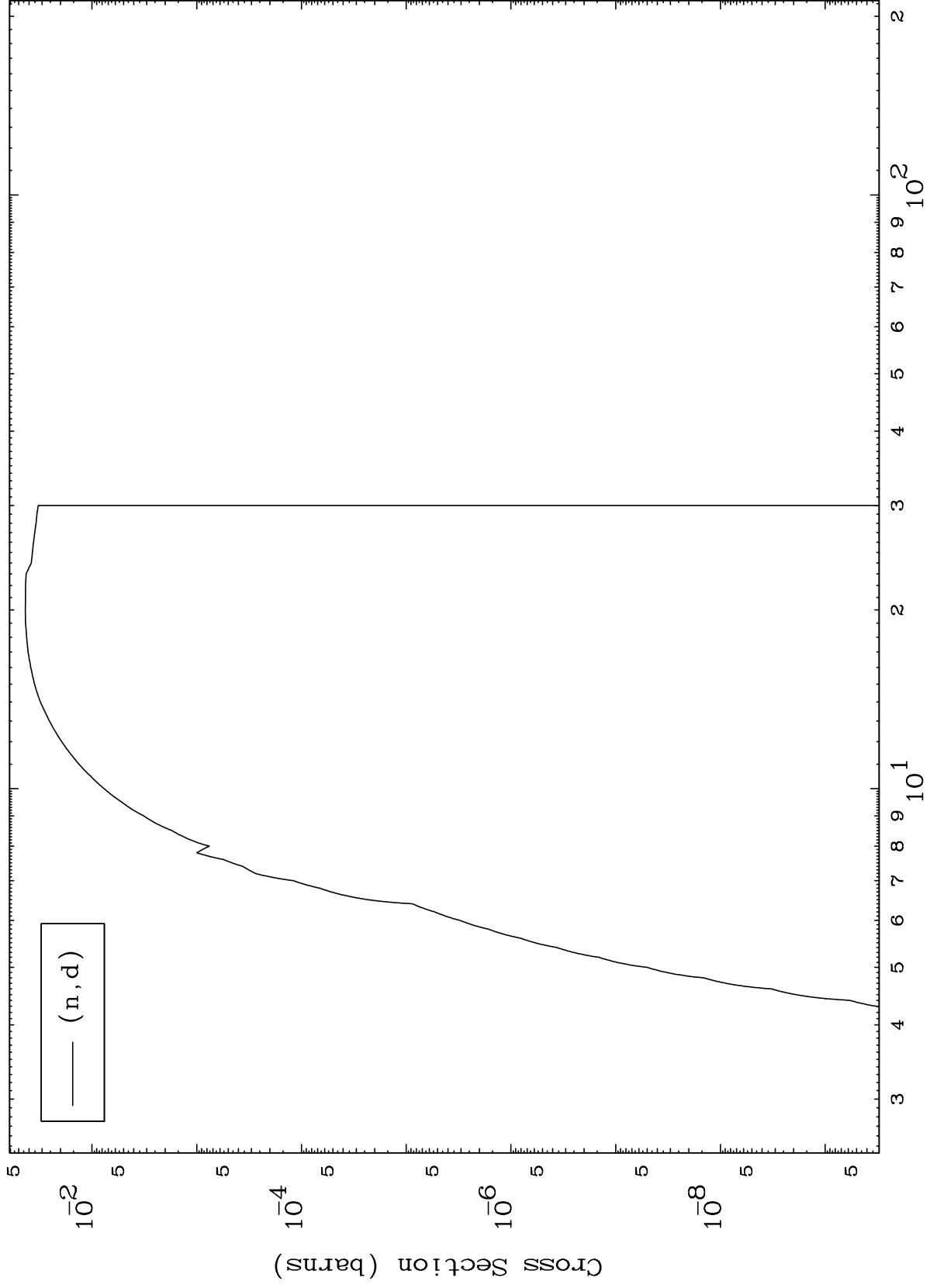
36-Kr-73



MAT 3610

(n,d) Levels
293 Kelvin Cross Sections

36-Kr-73



11

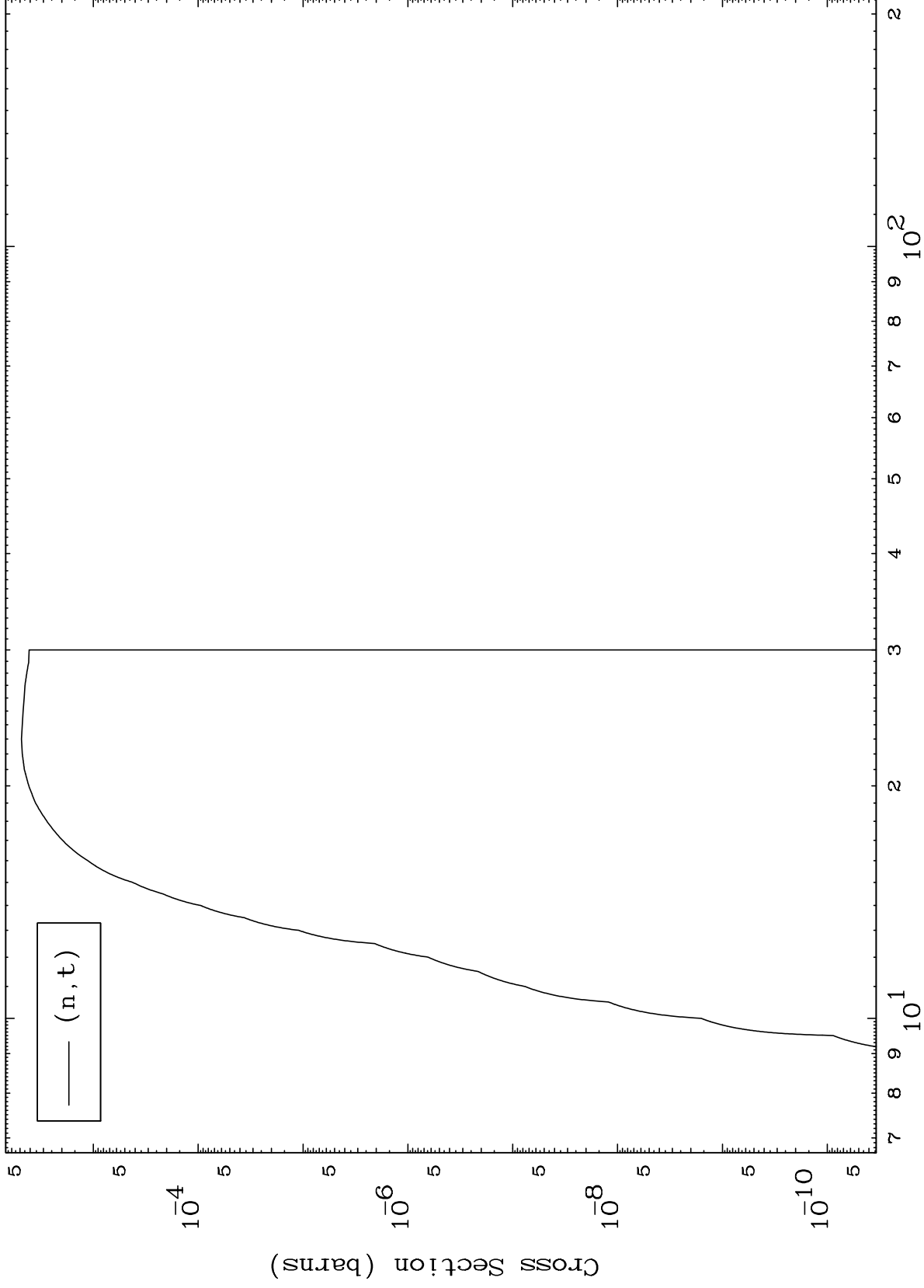
Incident Energy (MeV)

36-Kr-73

MAT 3610

(n,t) Levels
293 Kelvin Cross Sections

36-Kr-73



12

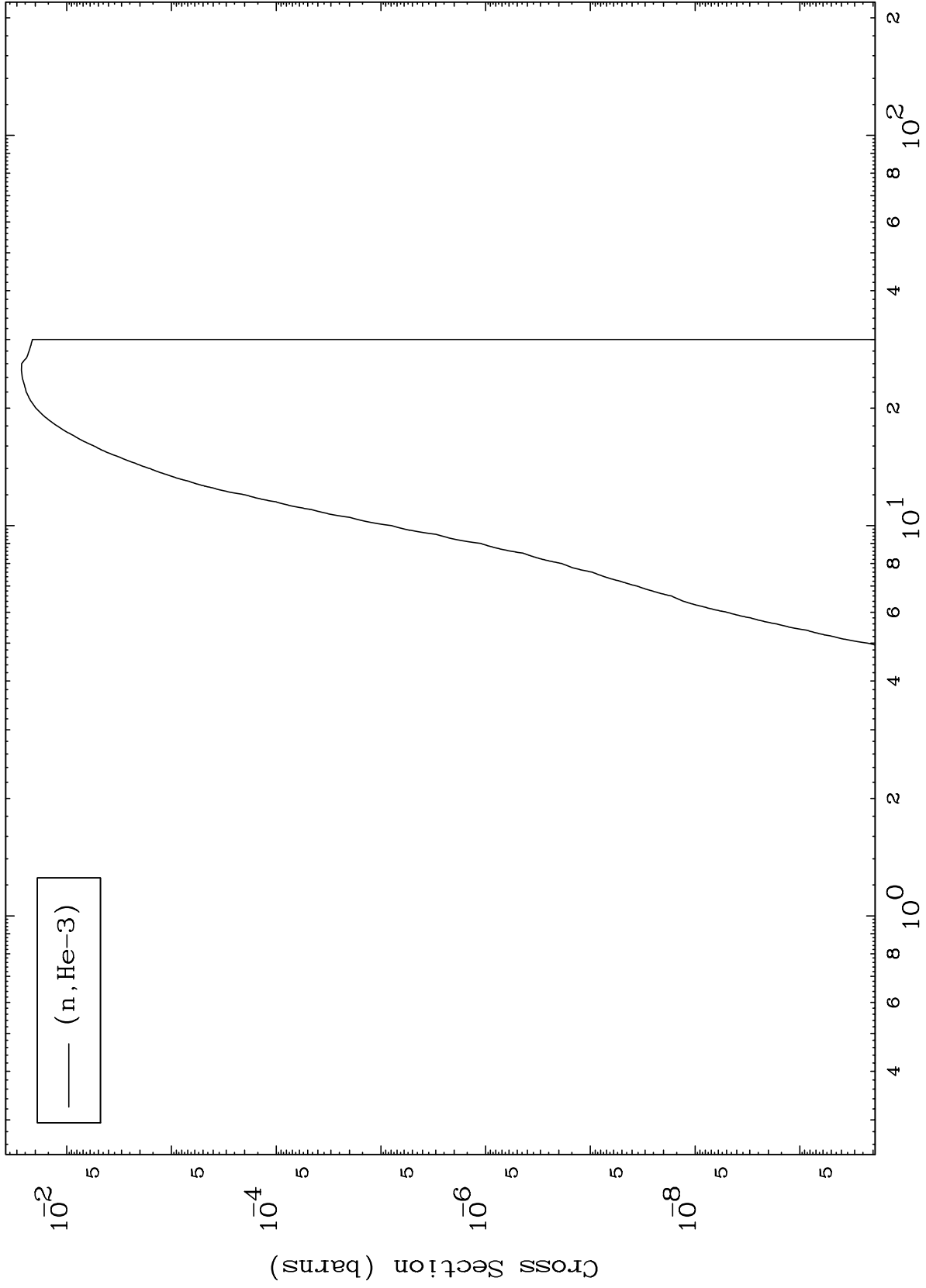
Incident Energy (MeV)

36-Kr-73

MAT 3610

(n,He3) Levels
293 Kelvin Cross Sections

36-Kr-73



13

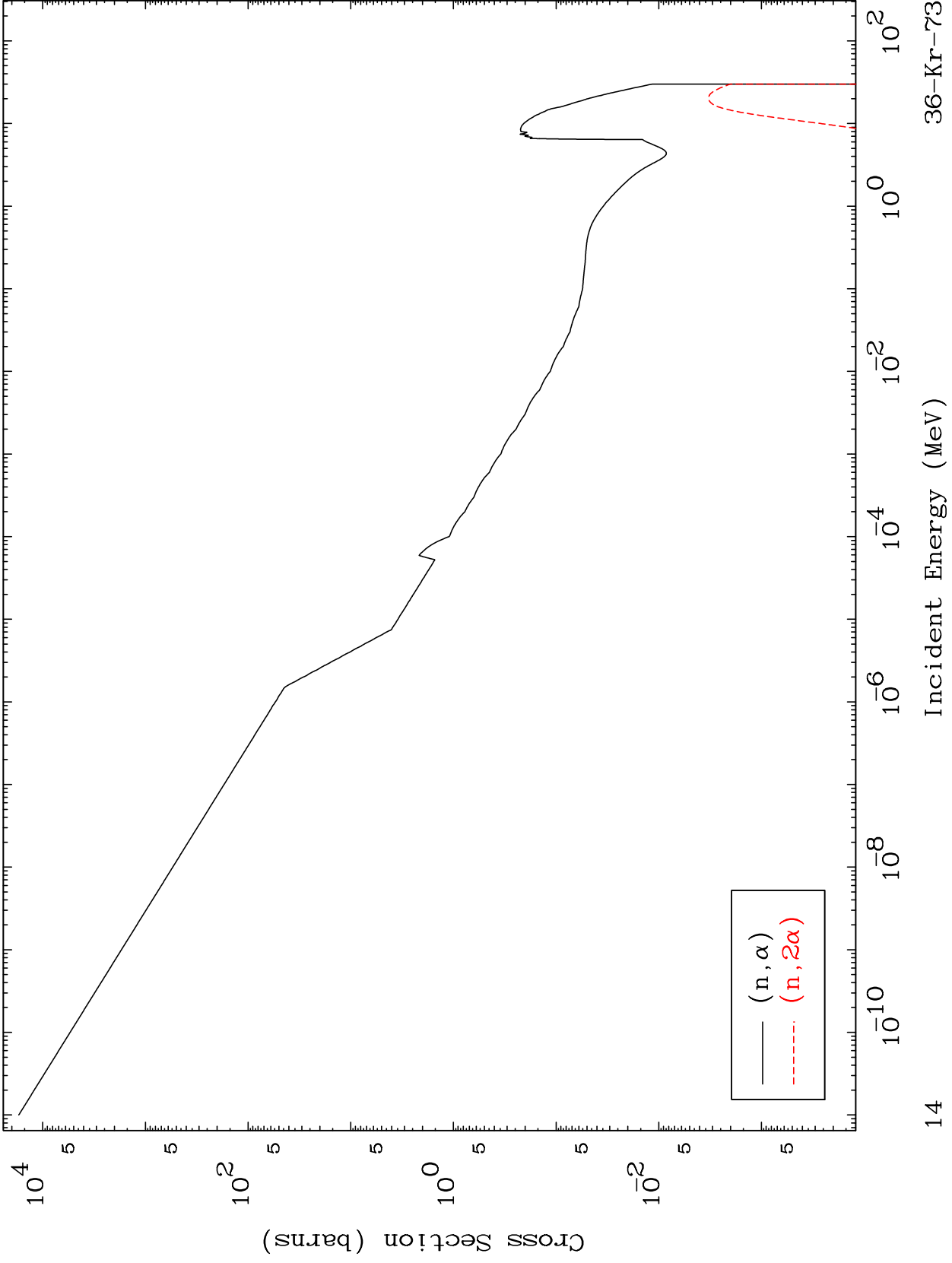
Incident Energy (MeV)

36-Kr-73

MAT 3610

(n, α) Levels
293 Kelvin Cross Sections

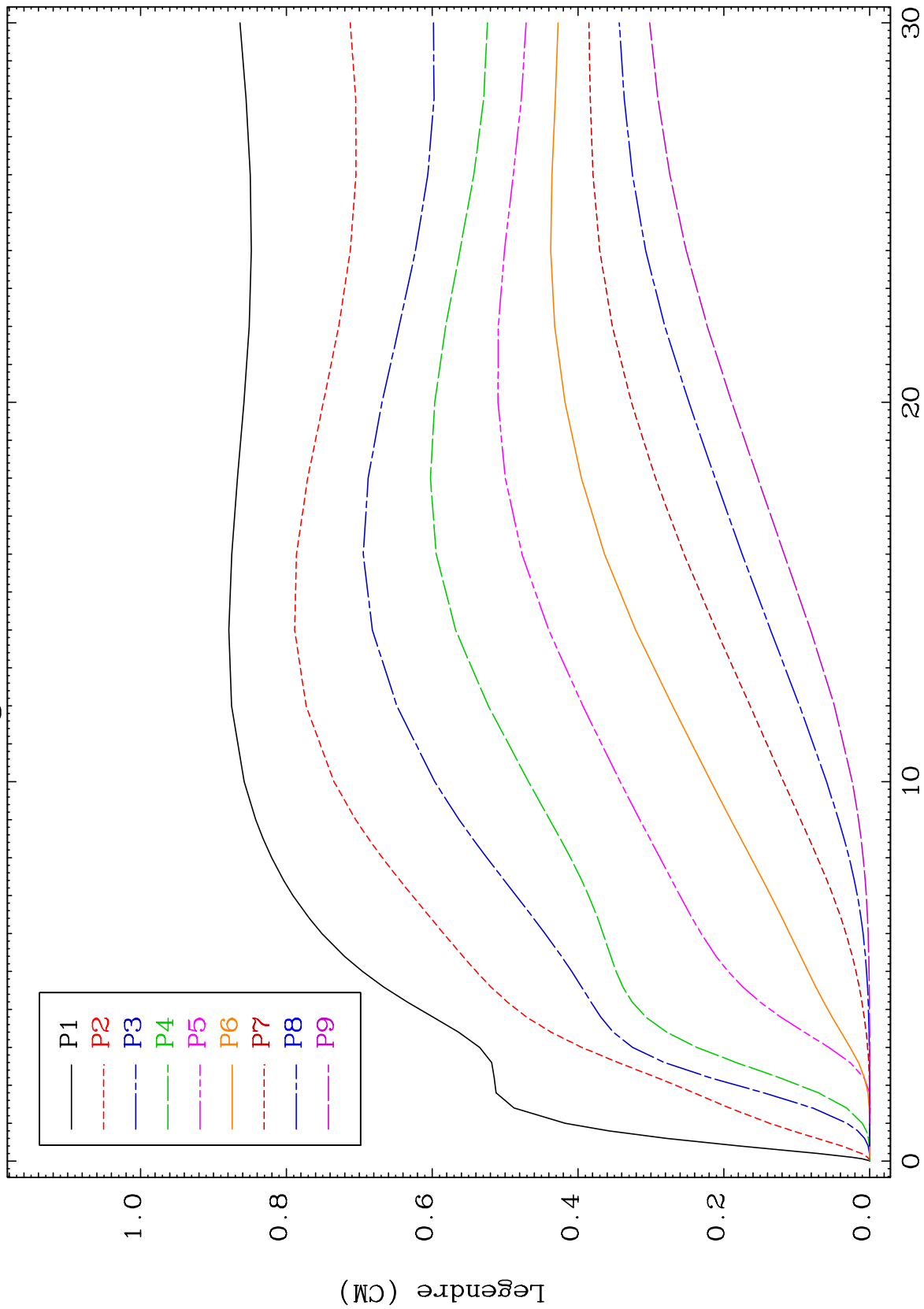
36-Kr-73



MAT 3610

Elastic Legendre Coefficients

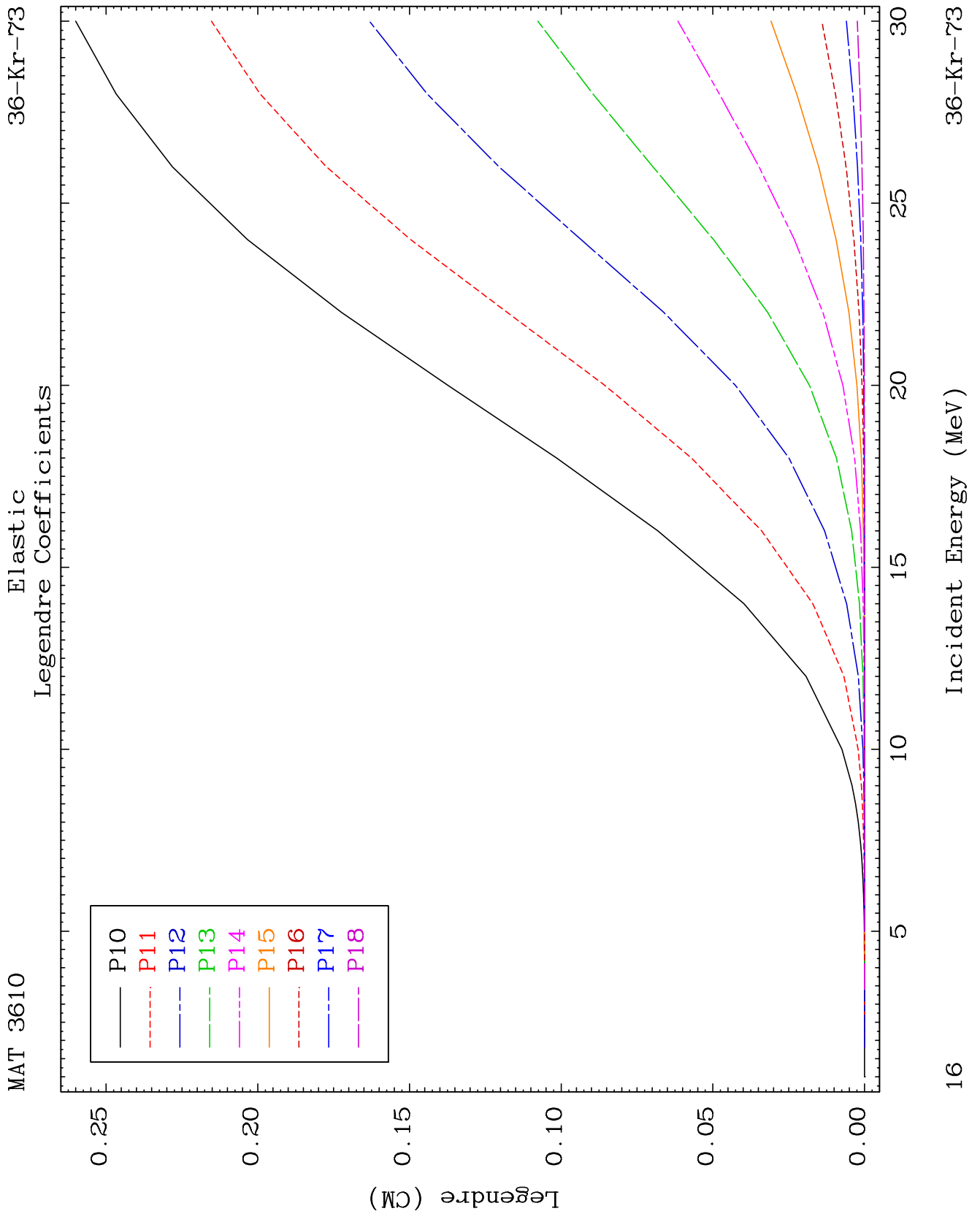
³⁶Kr-73



15

Incident Energy (MeV)

³⁶Kr-73



MAT 3610

Elastic Legendre Coefficients

36-Kr-73

16

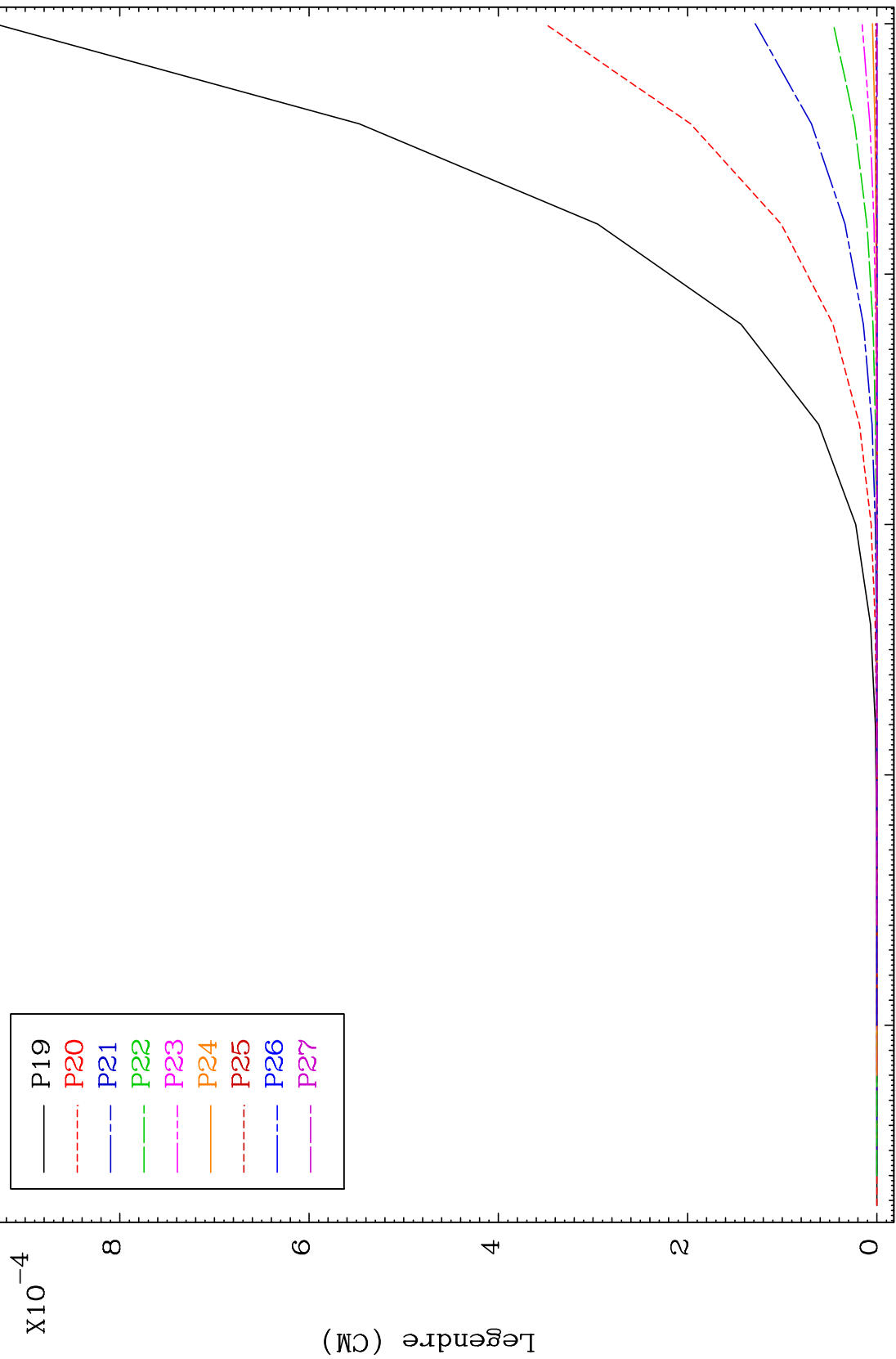
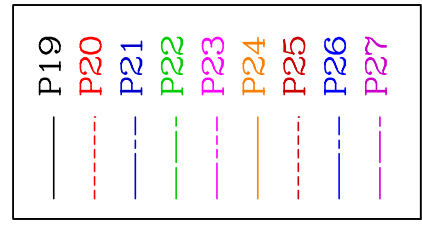
Incident Energy (MeV)

36-Kr-73

MAT 3610

Elastic Legendre Coefficients

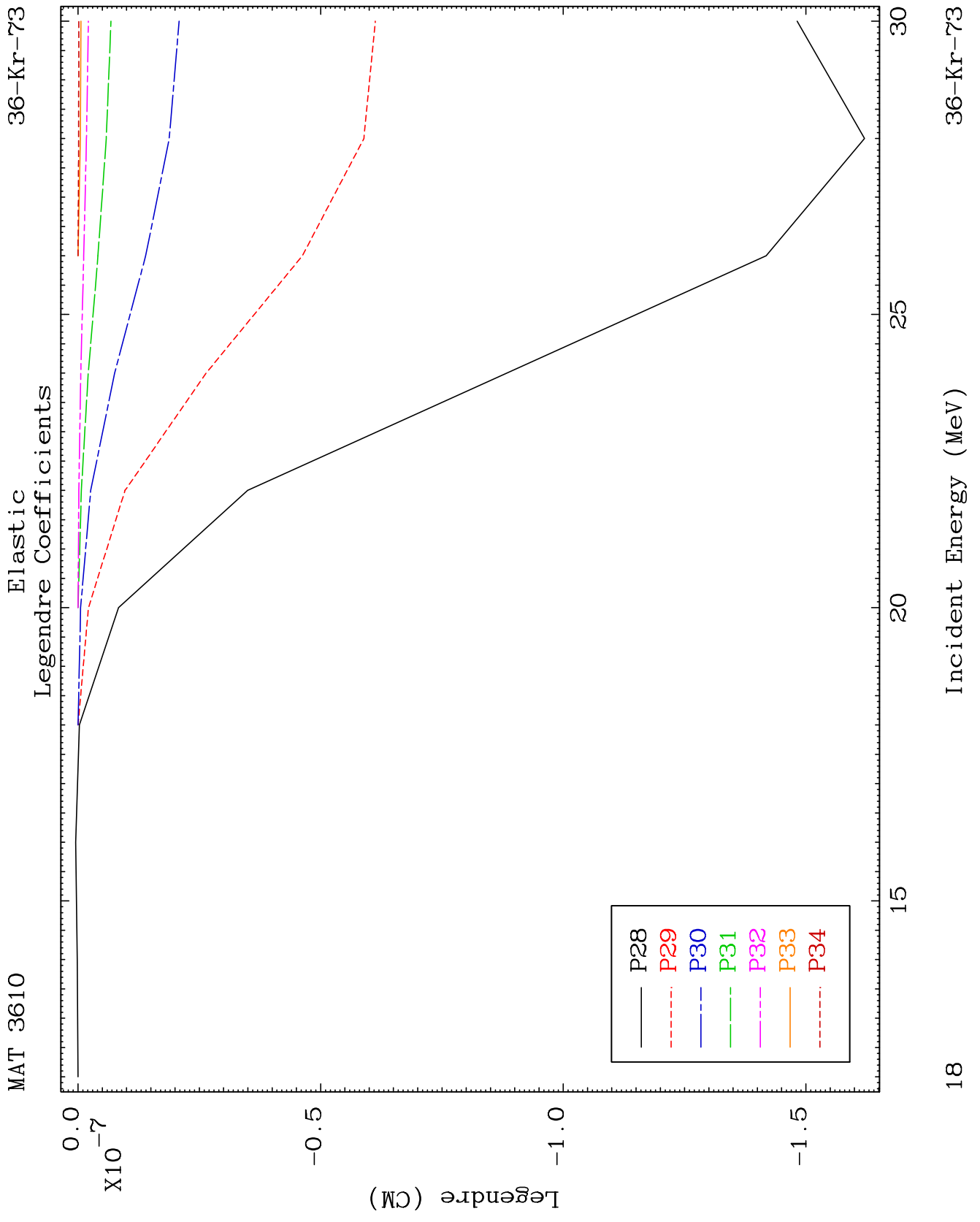
36-Kr-73



17

Incident Energy (MeV)

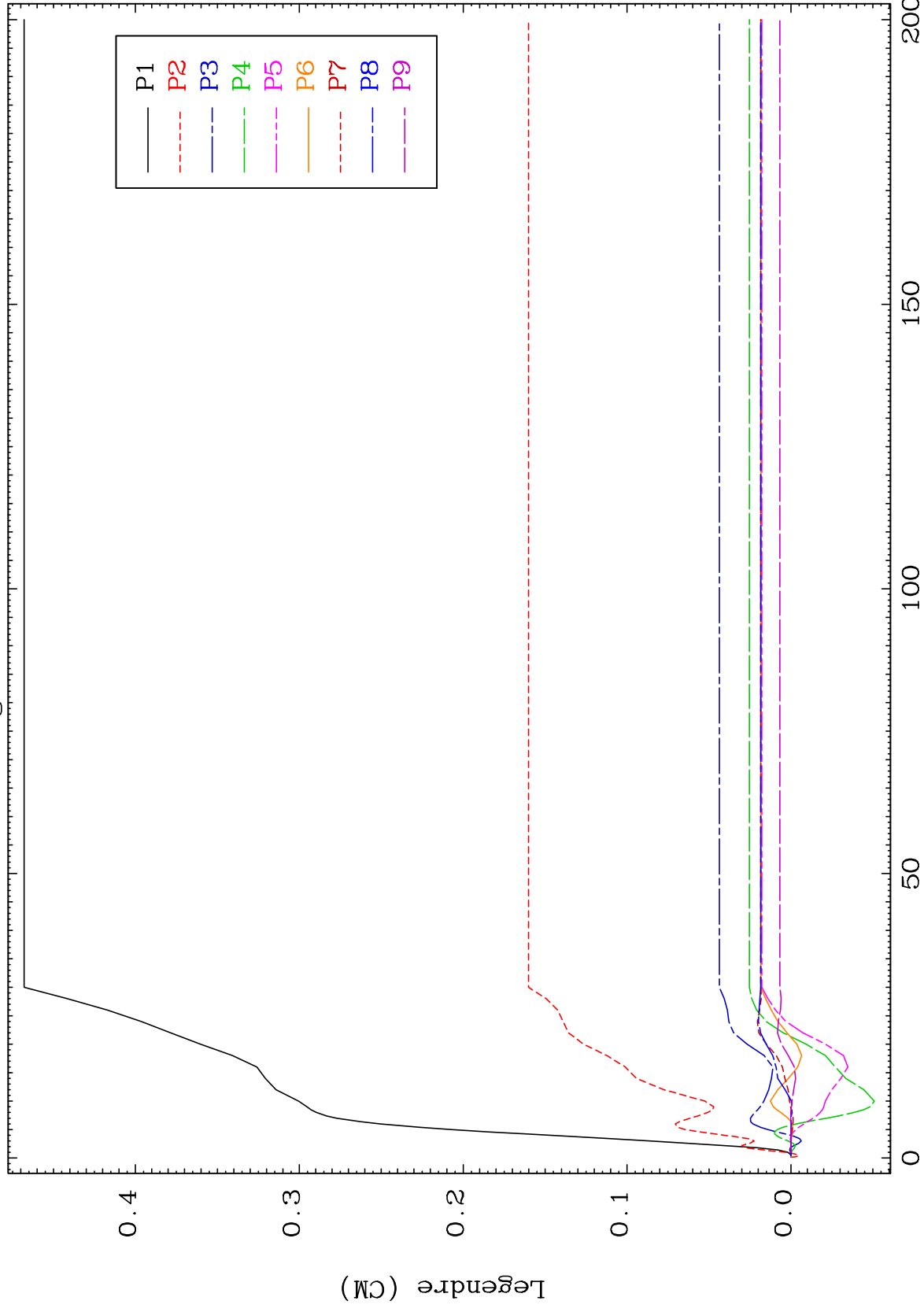
36-Kr-73



MAT 3610

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

36-Kr-73



19

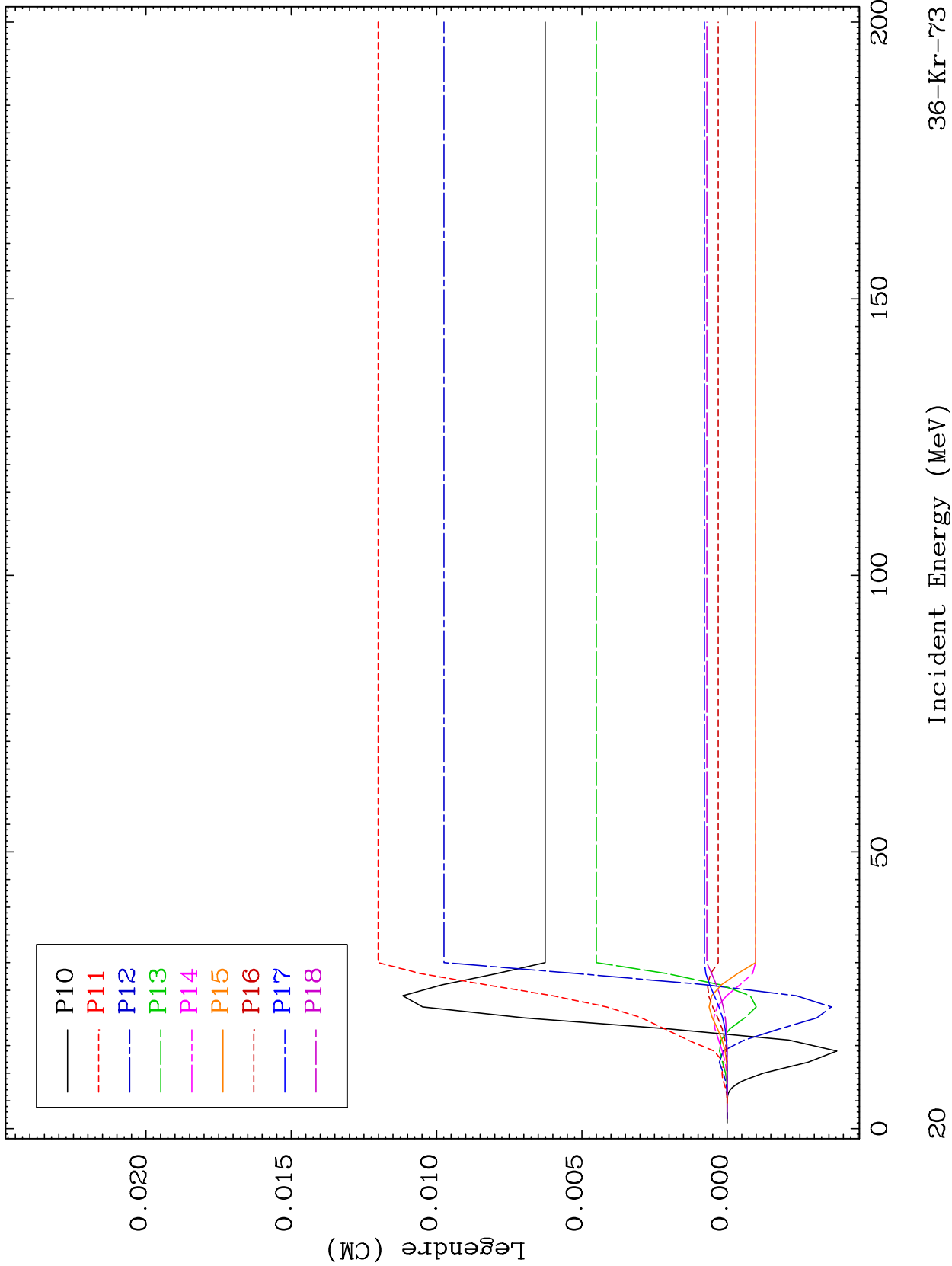
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



36-Kr-73

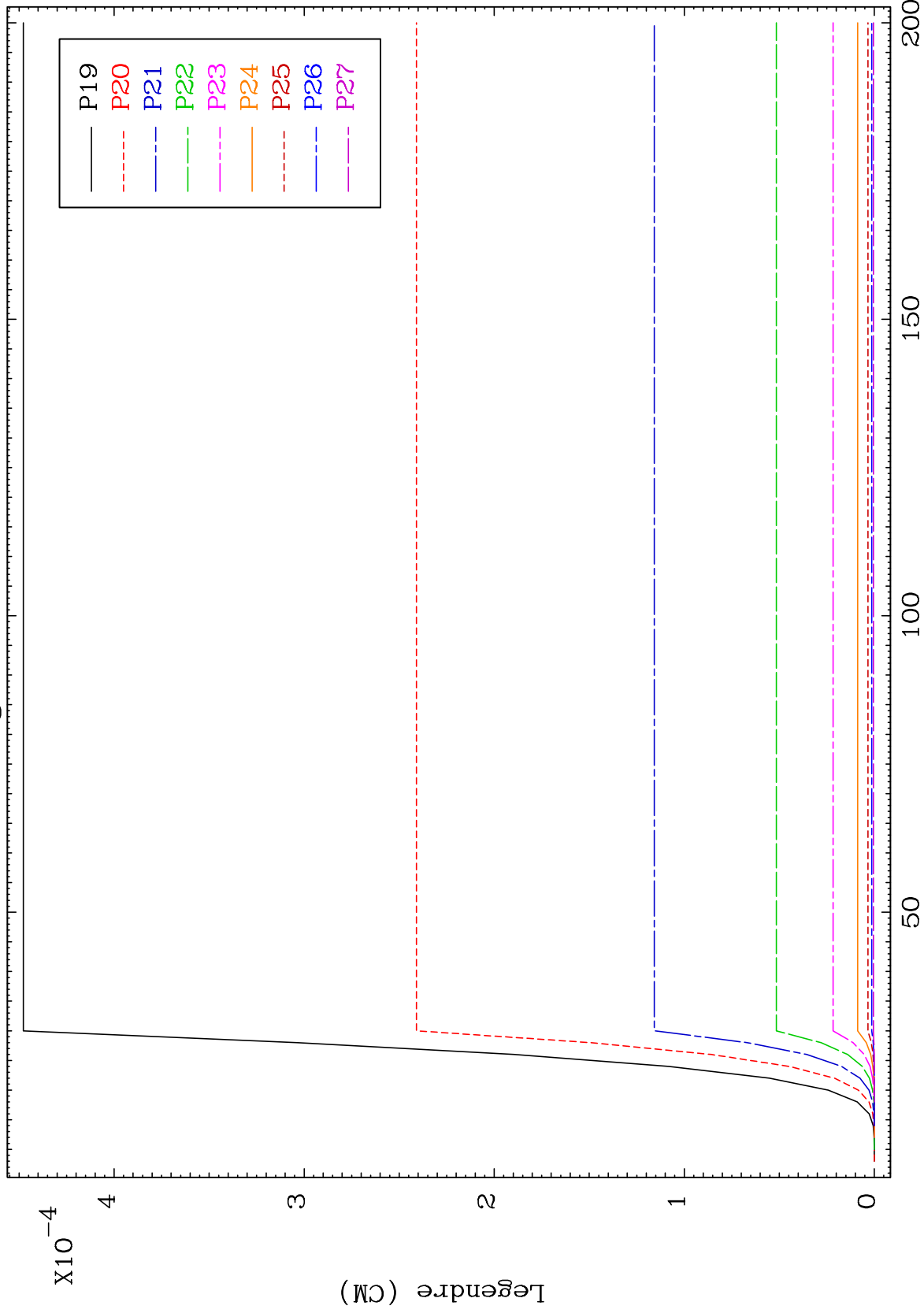
Incident Energy (MeV)

20

MAT 3610

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

36-Kr-73



21

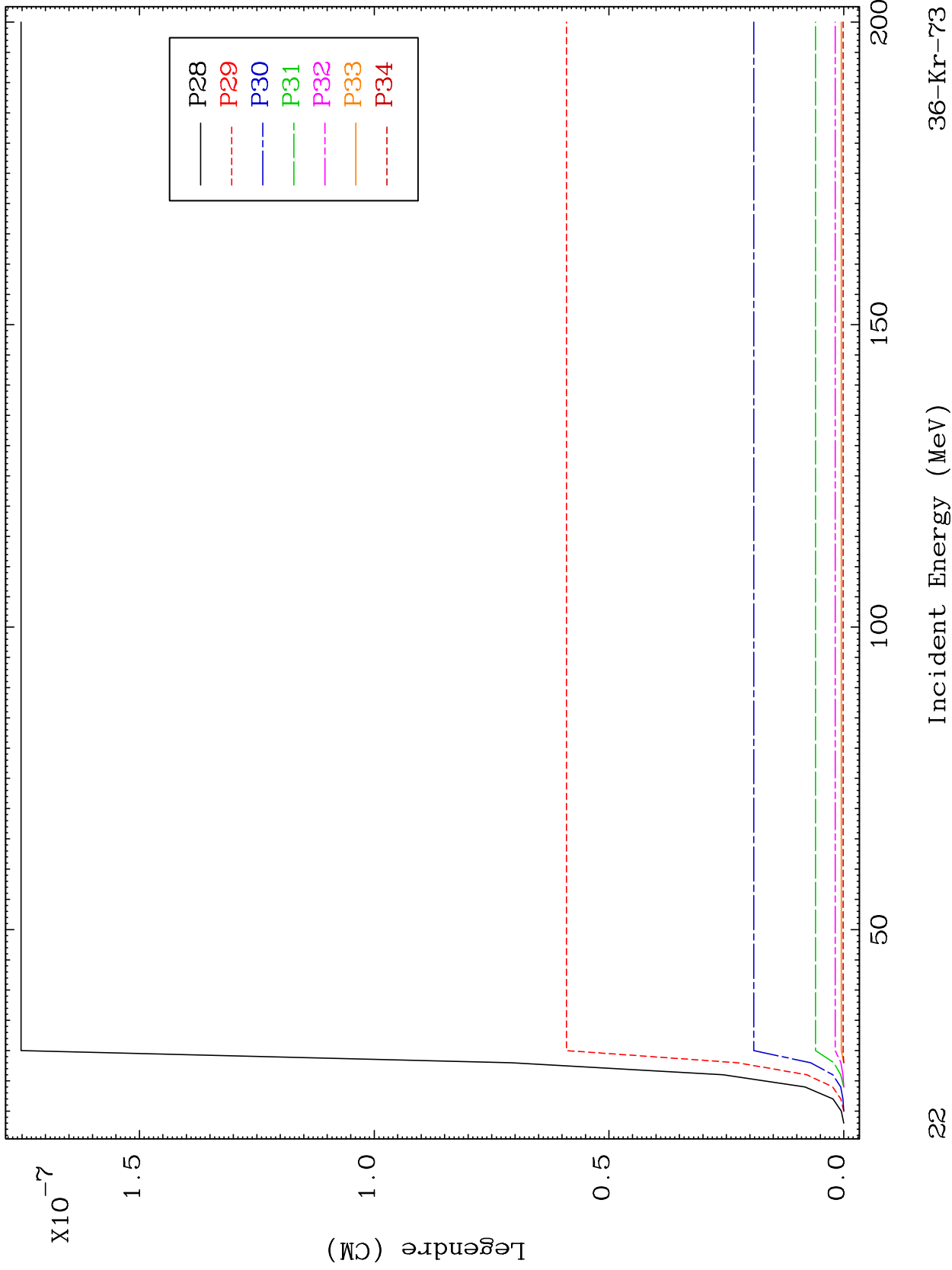
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



22

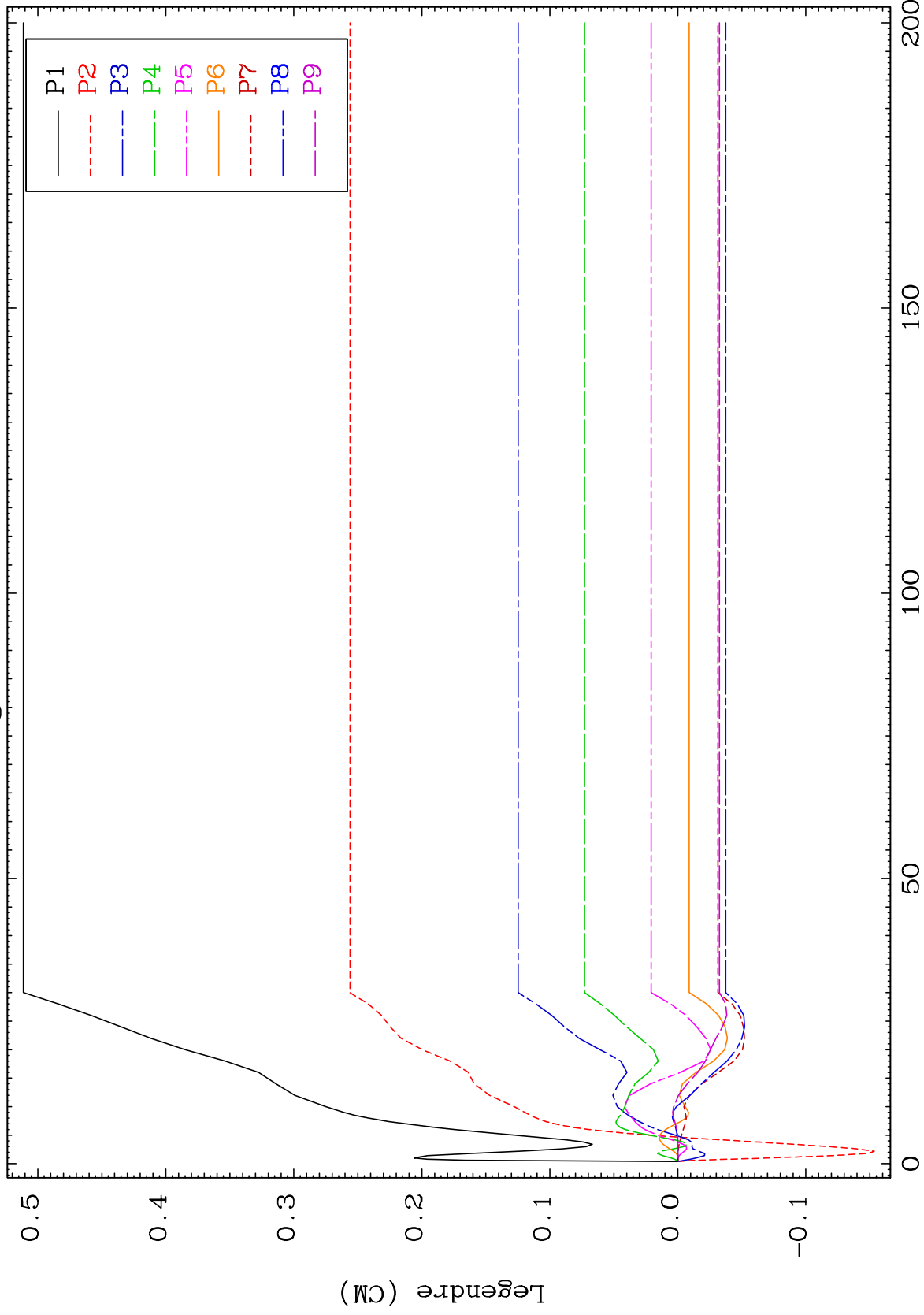
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



23

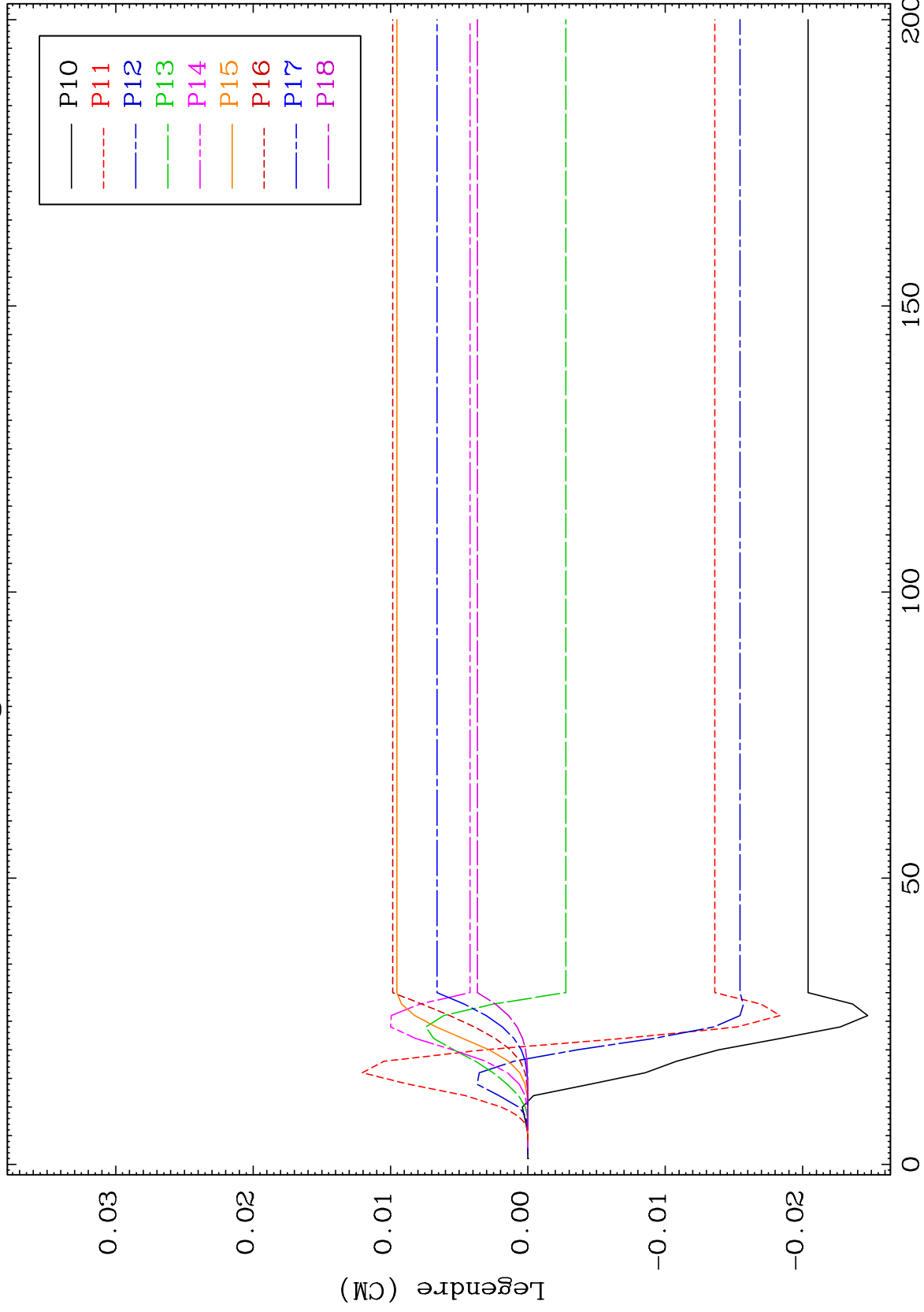
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



24

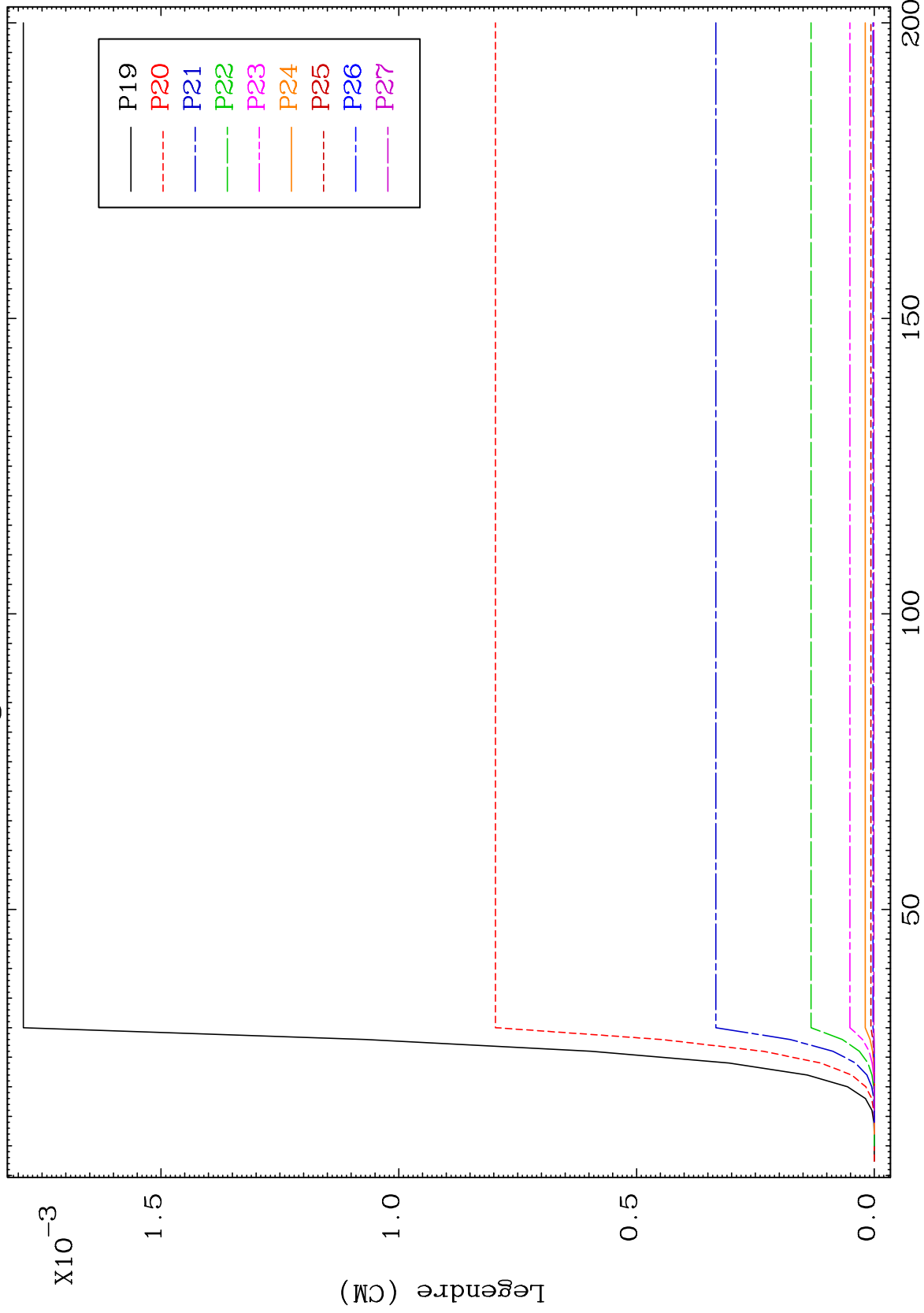
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73

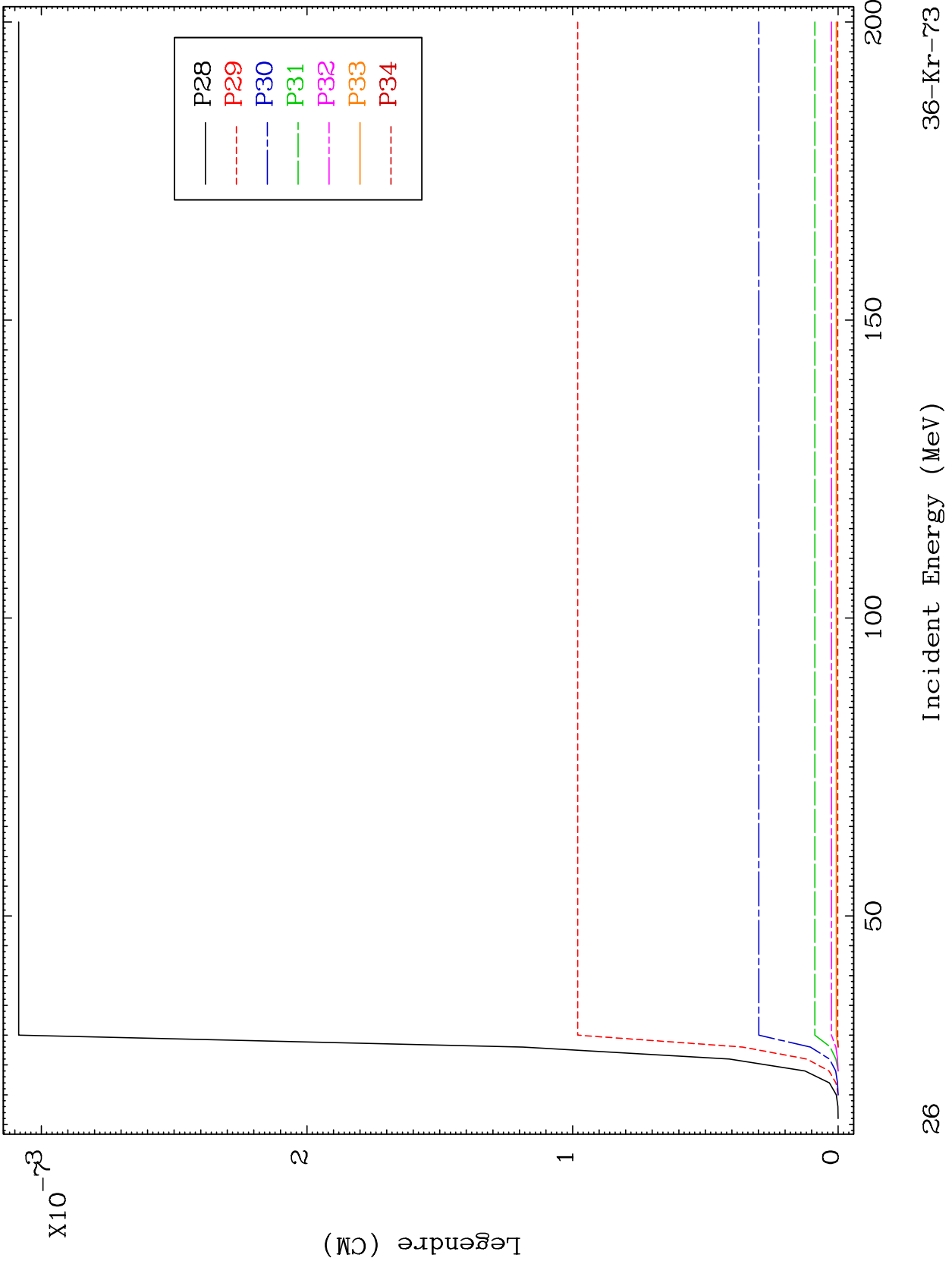


25

Incident Energy (MeV)

36-Kr-73

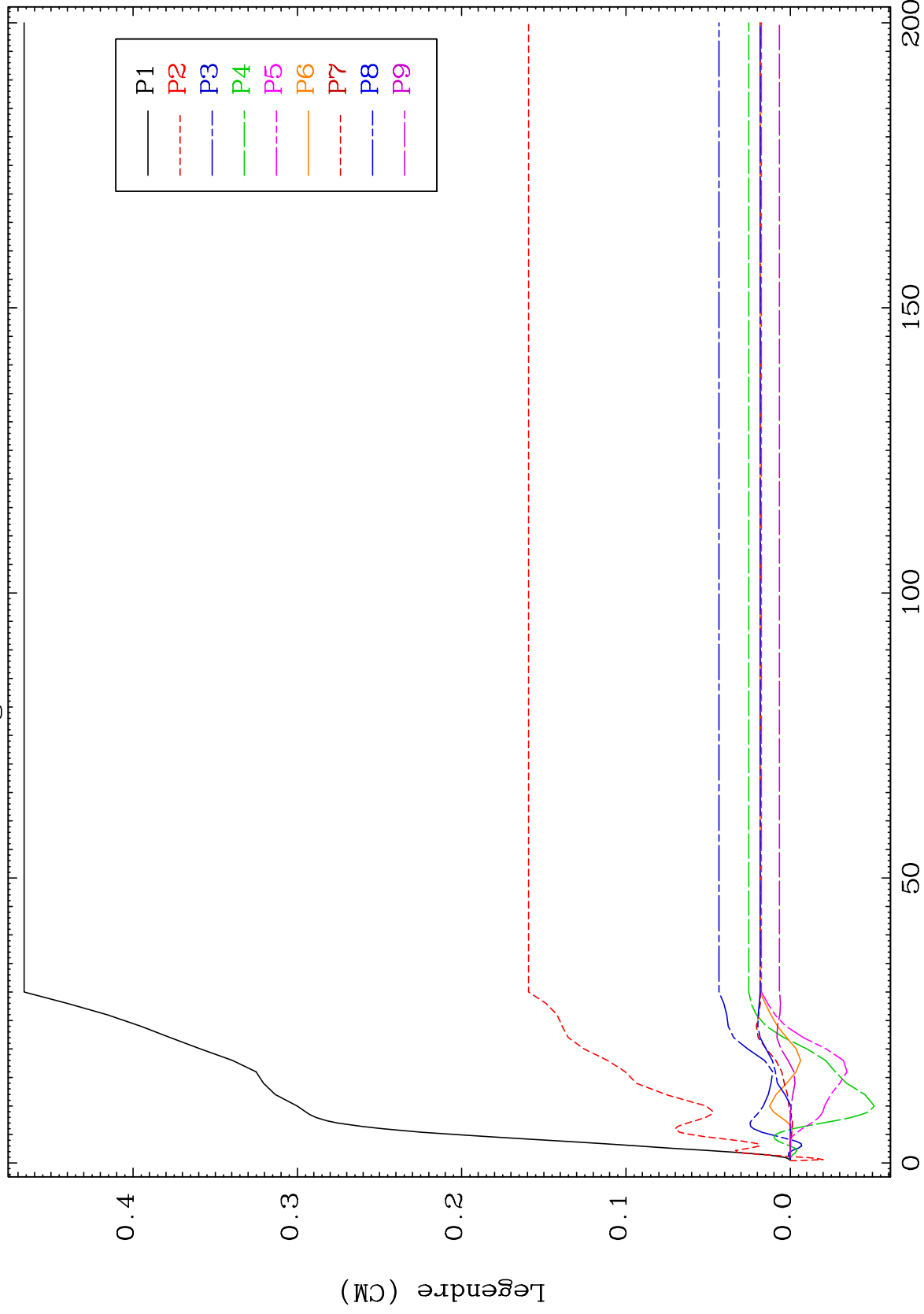
MAT 3610 MT= 52 (n,n') Level Legendre Coefficients 36-Kr-73



MAT 3610

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

36-Kr-73



27

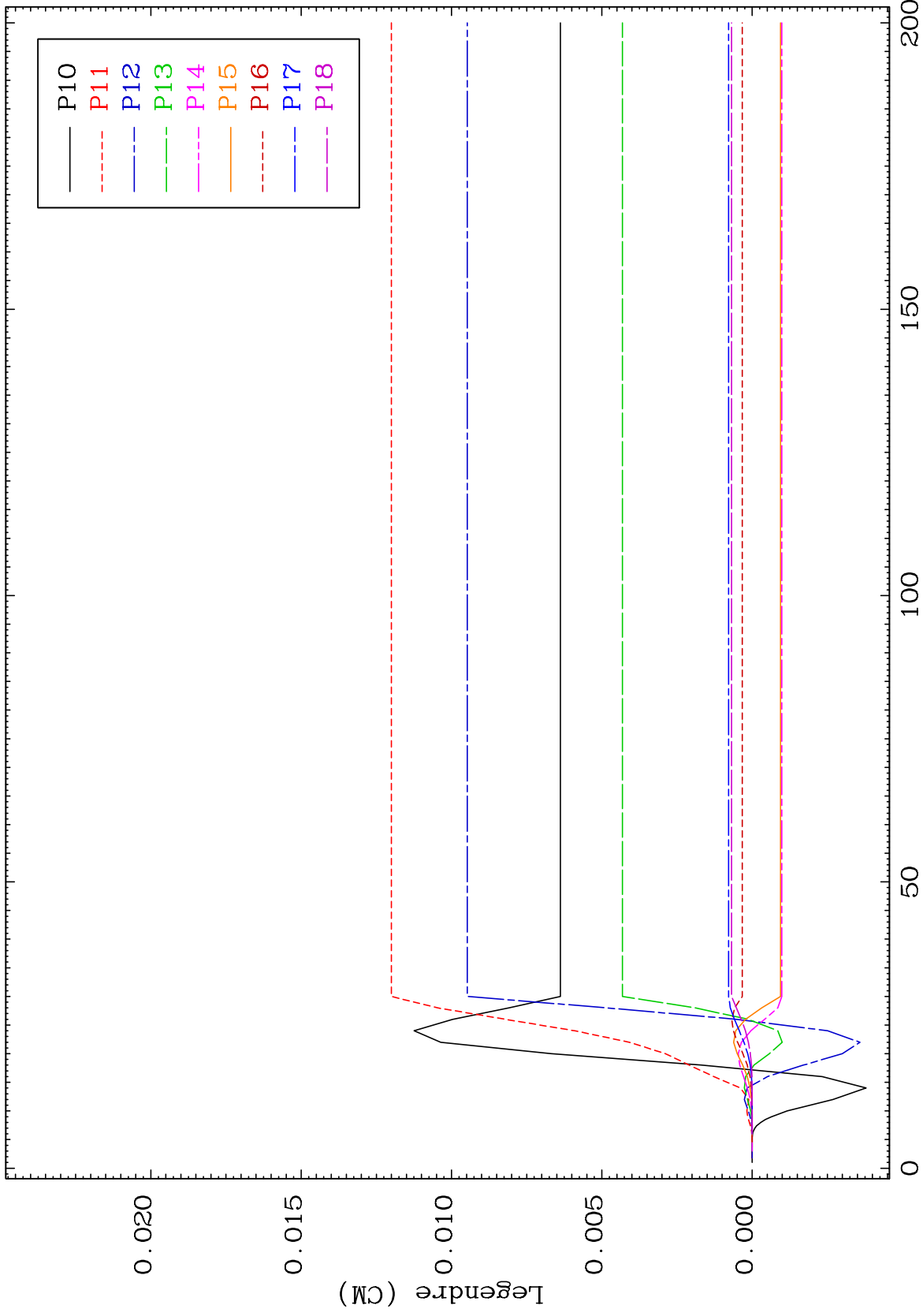
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



28

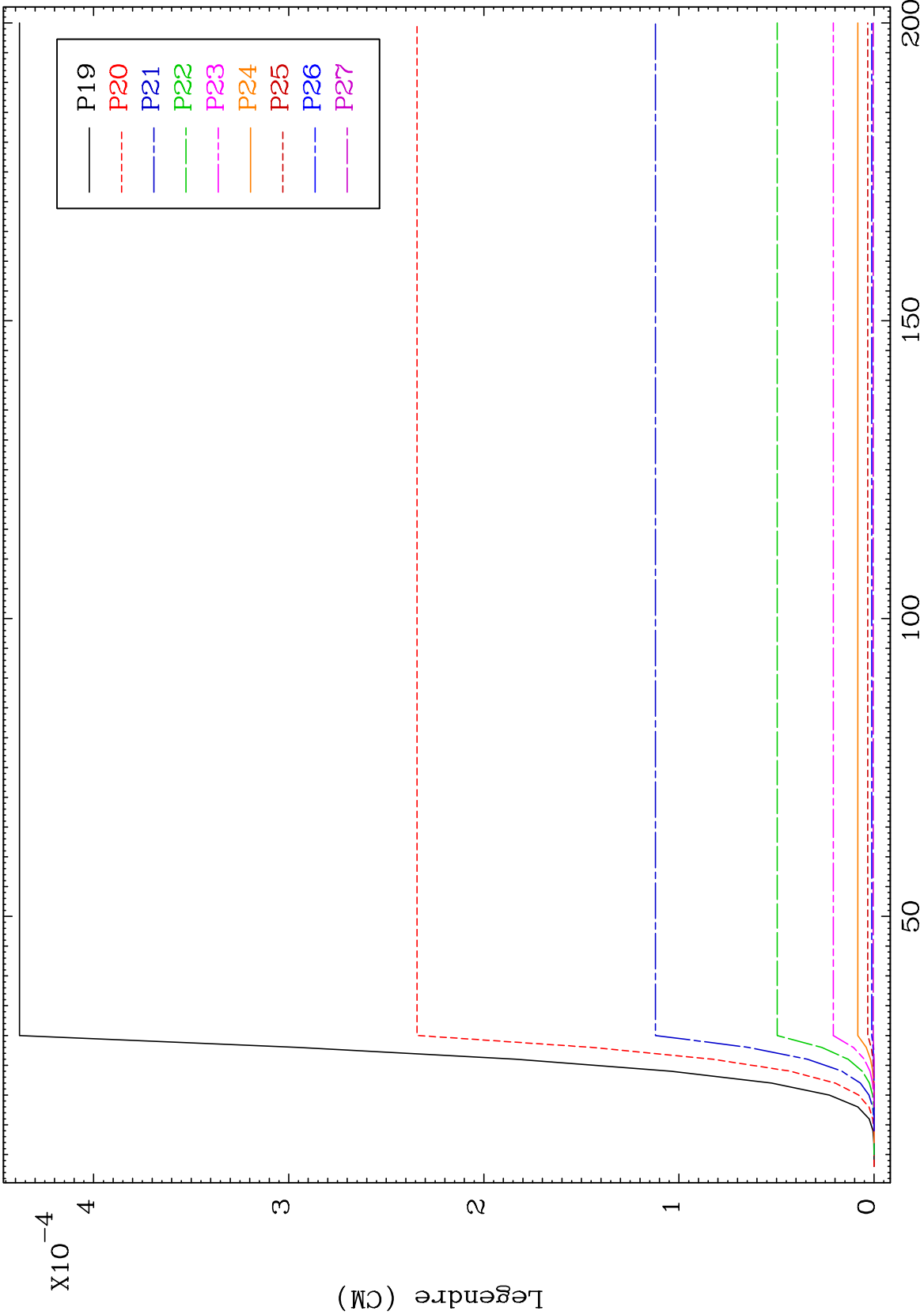
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



29

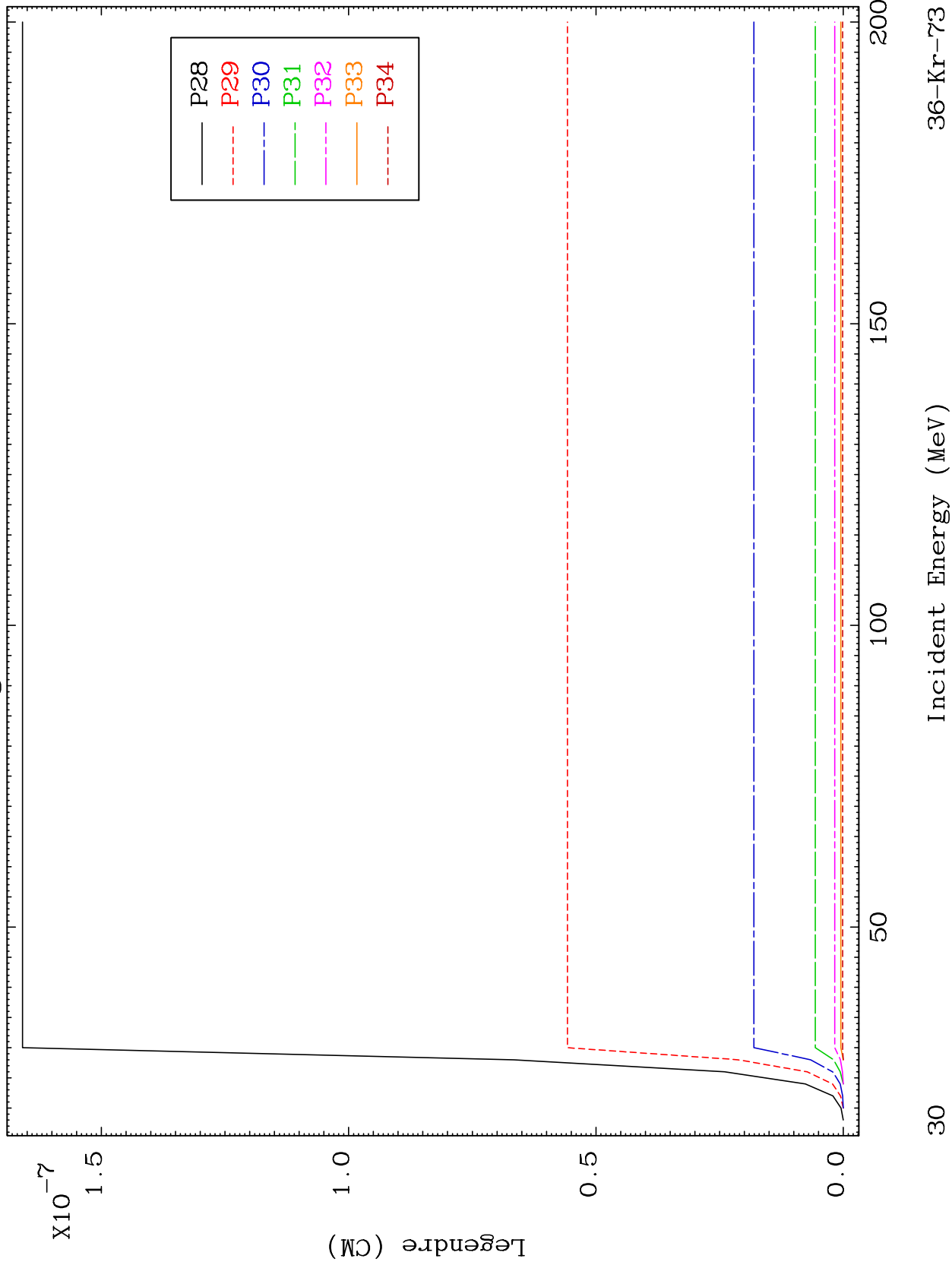
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



36-Kr-73

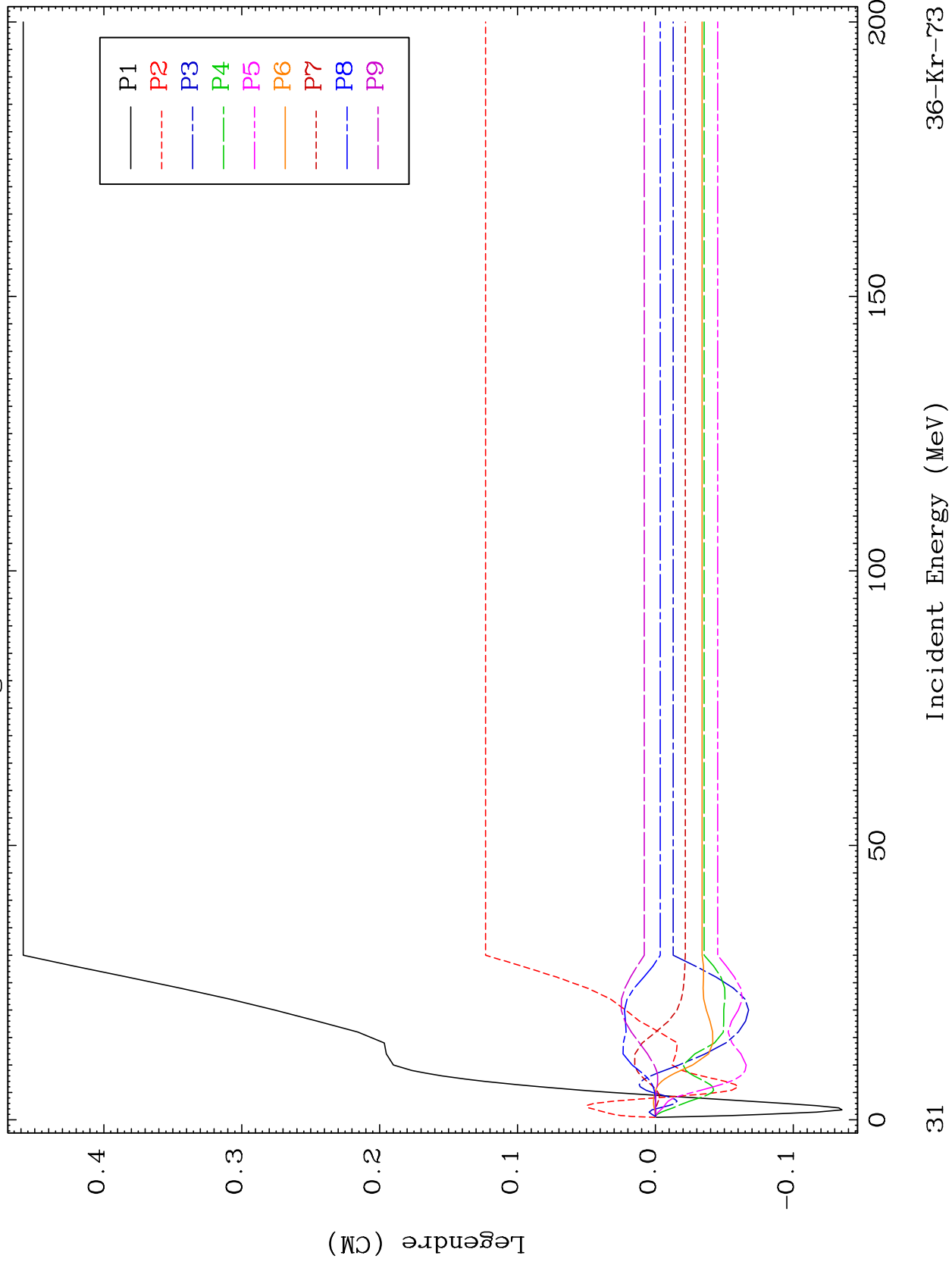
Incident Energy (MeV)

30

MAT 3610

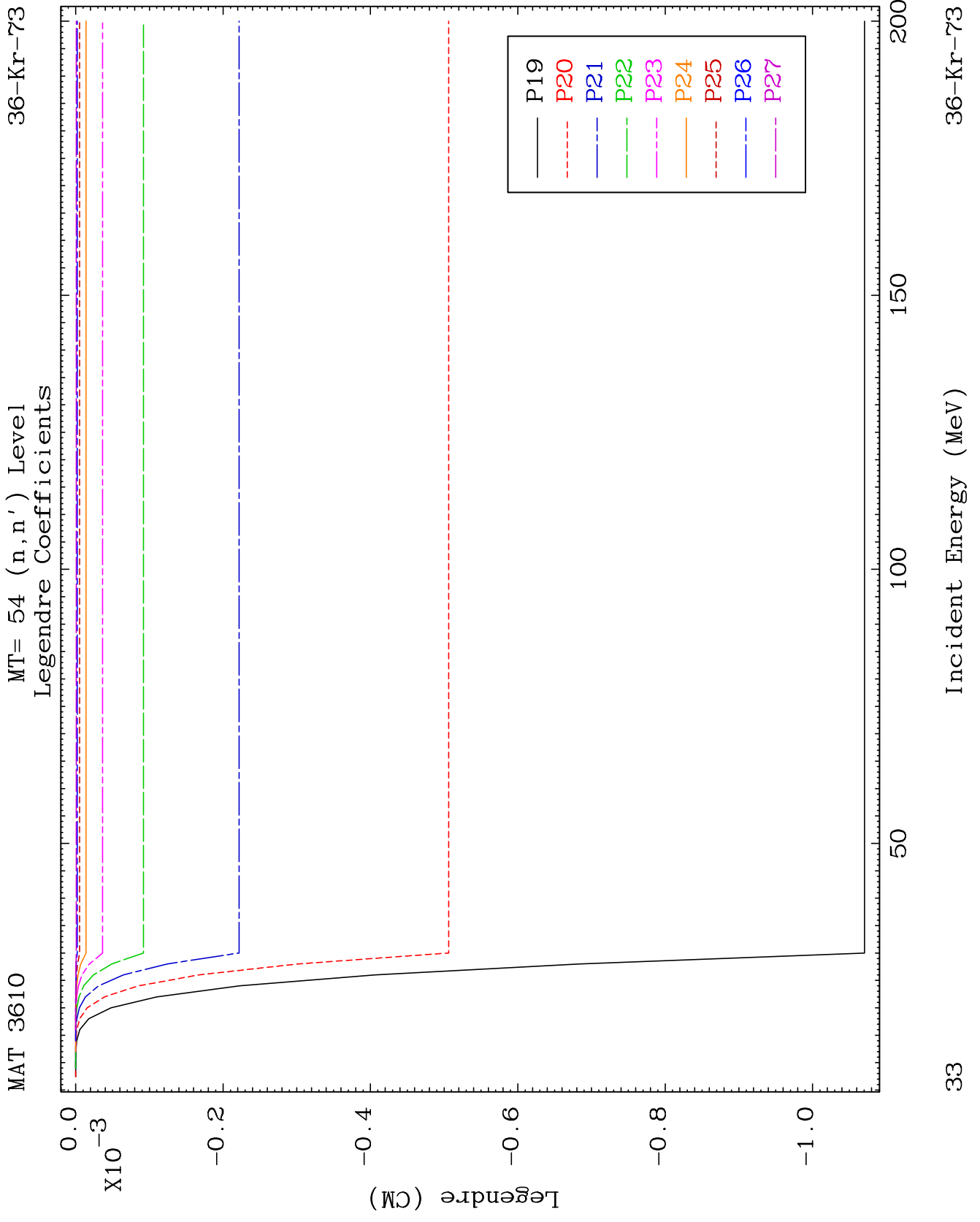
MT= 54 (n,n') Level
Legendre Coefficients

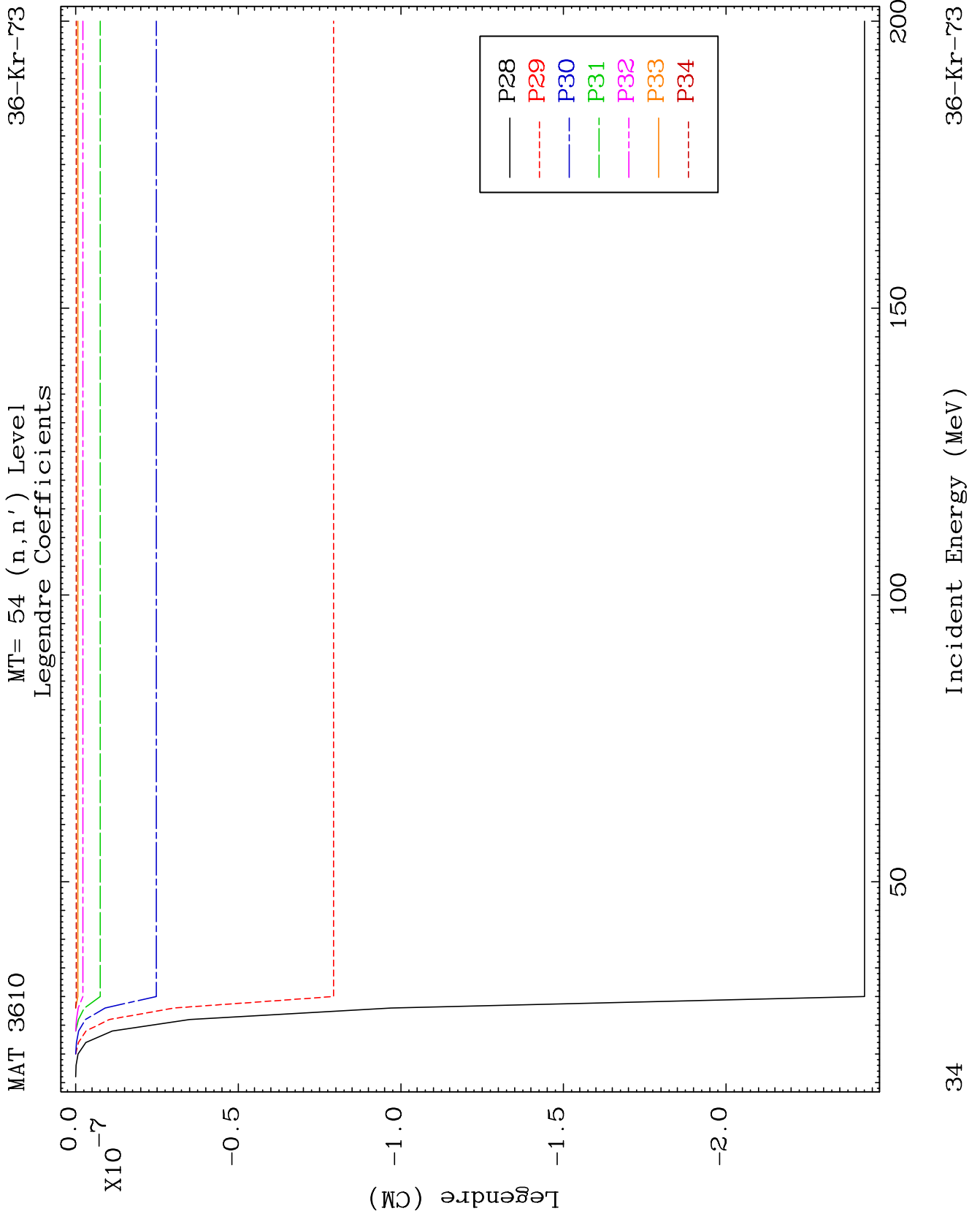
36-Kr-73

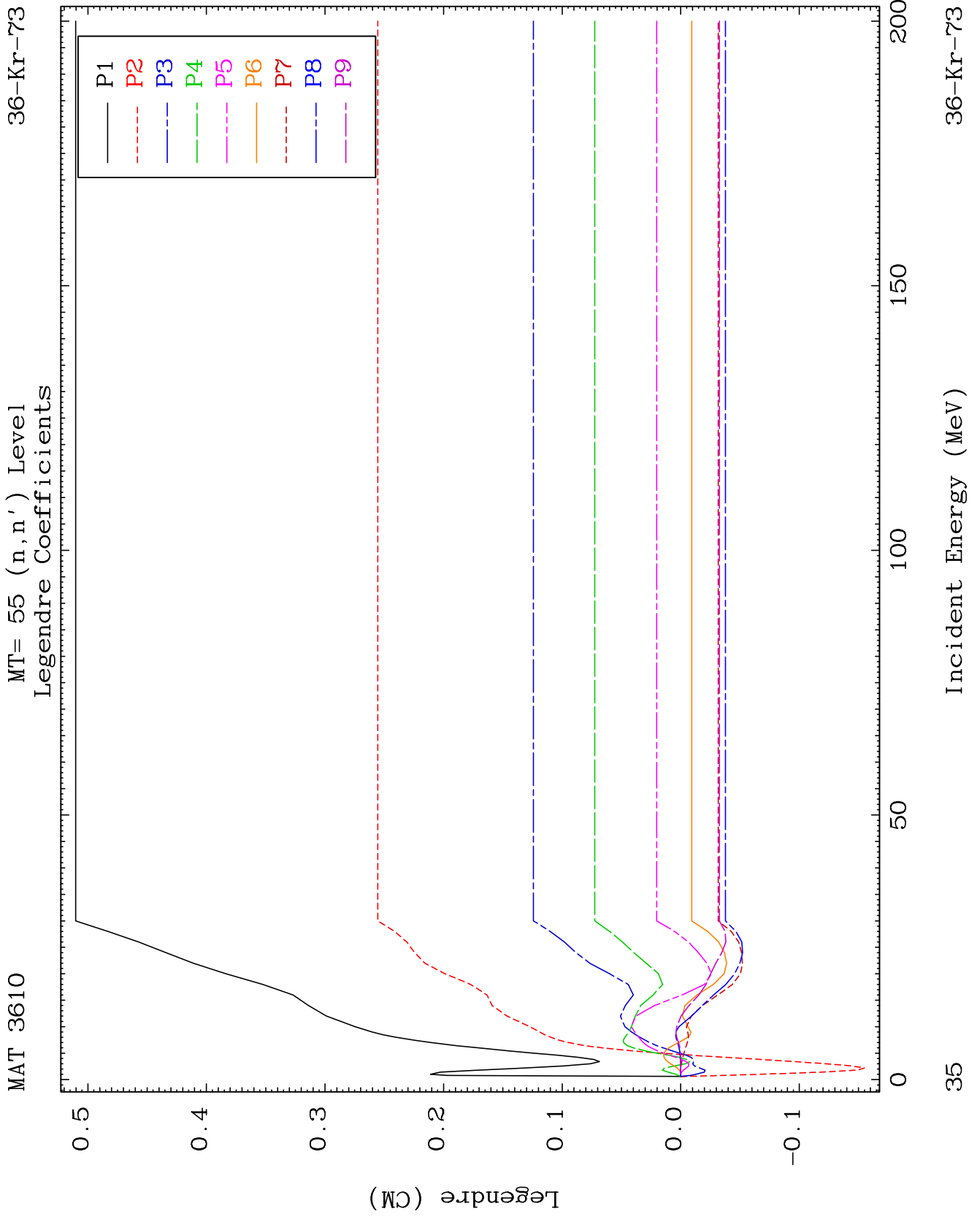


31

36-Kr-73



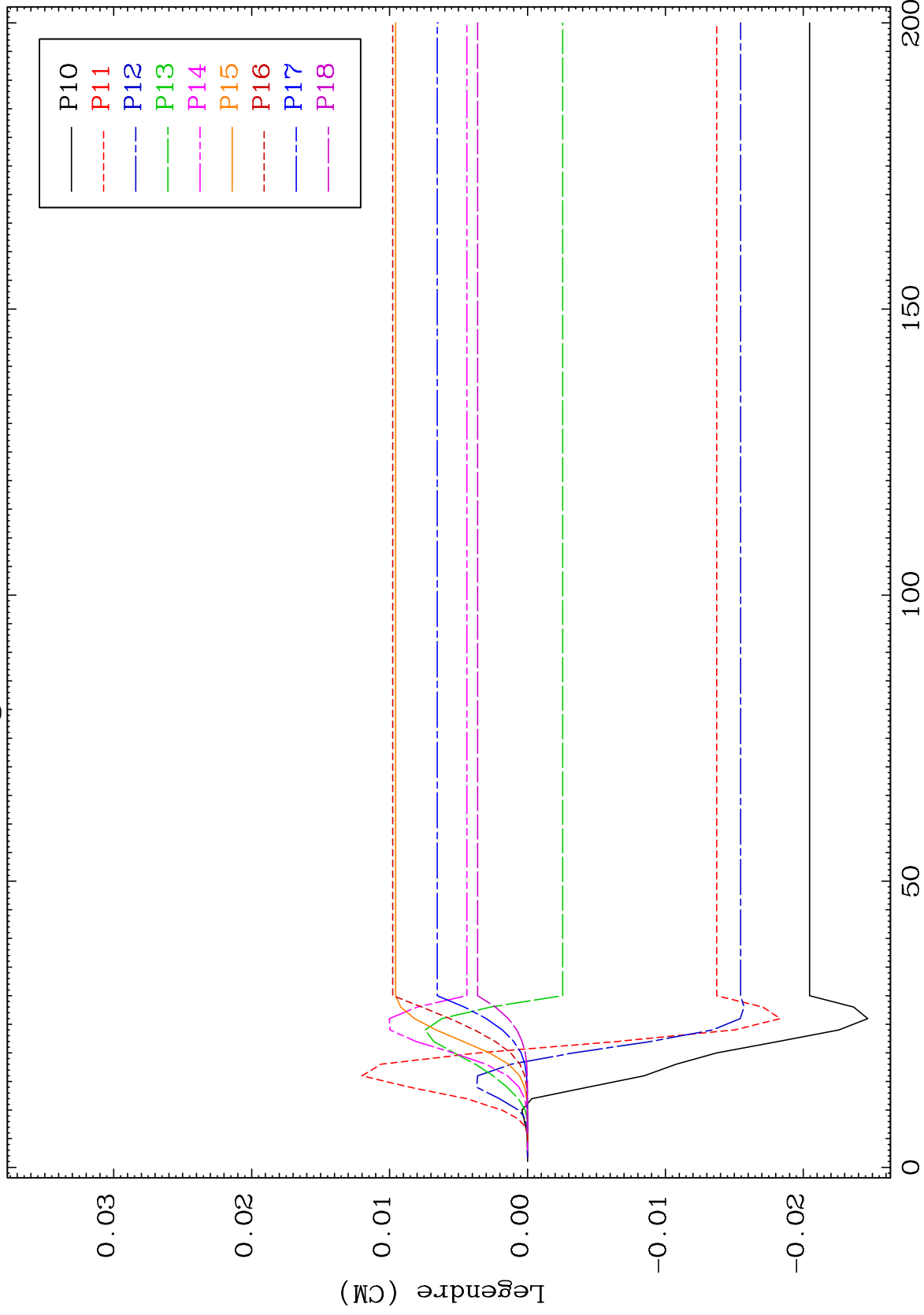




MAT 3610

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

36-Kr-73



36

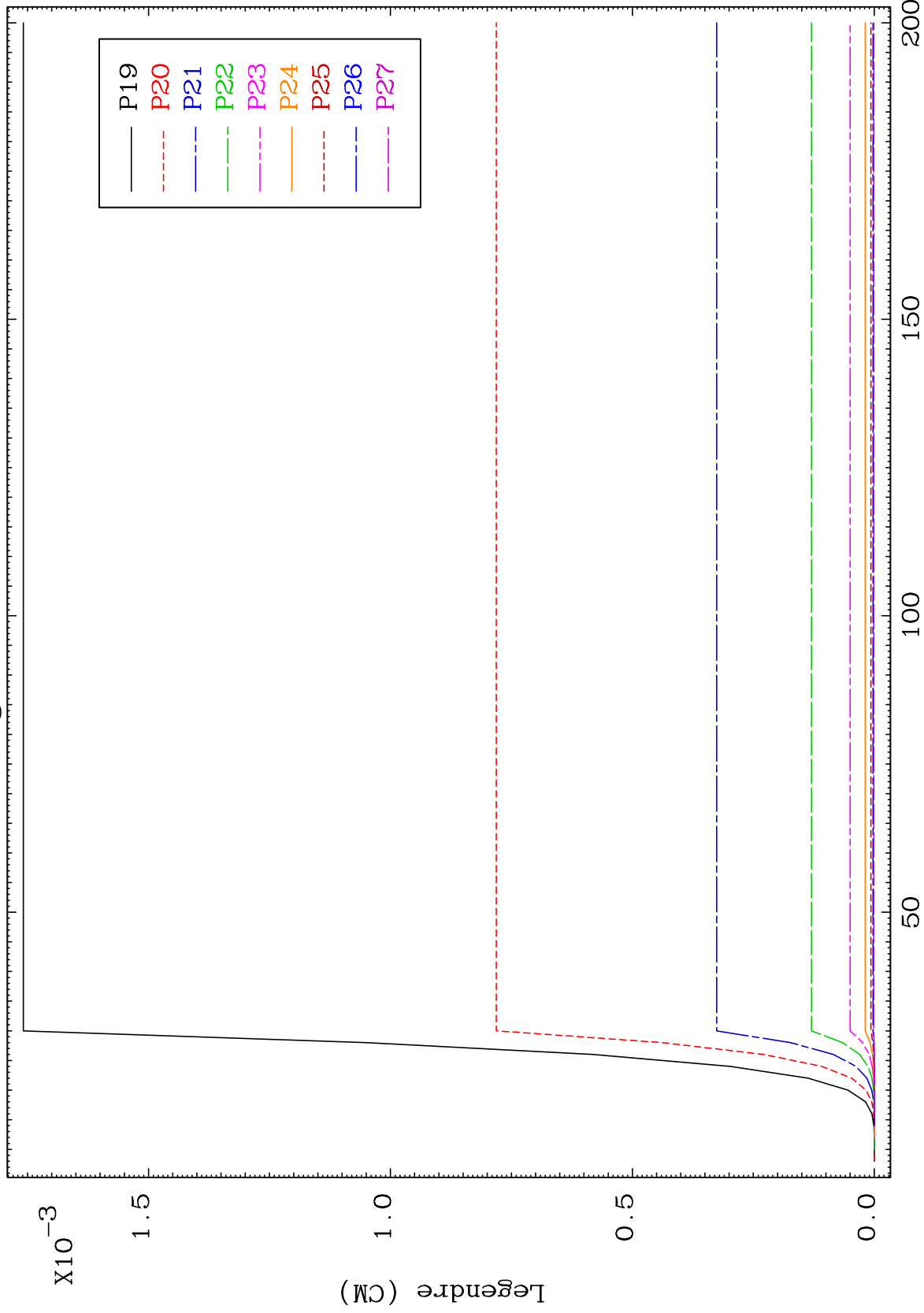
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



37

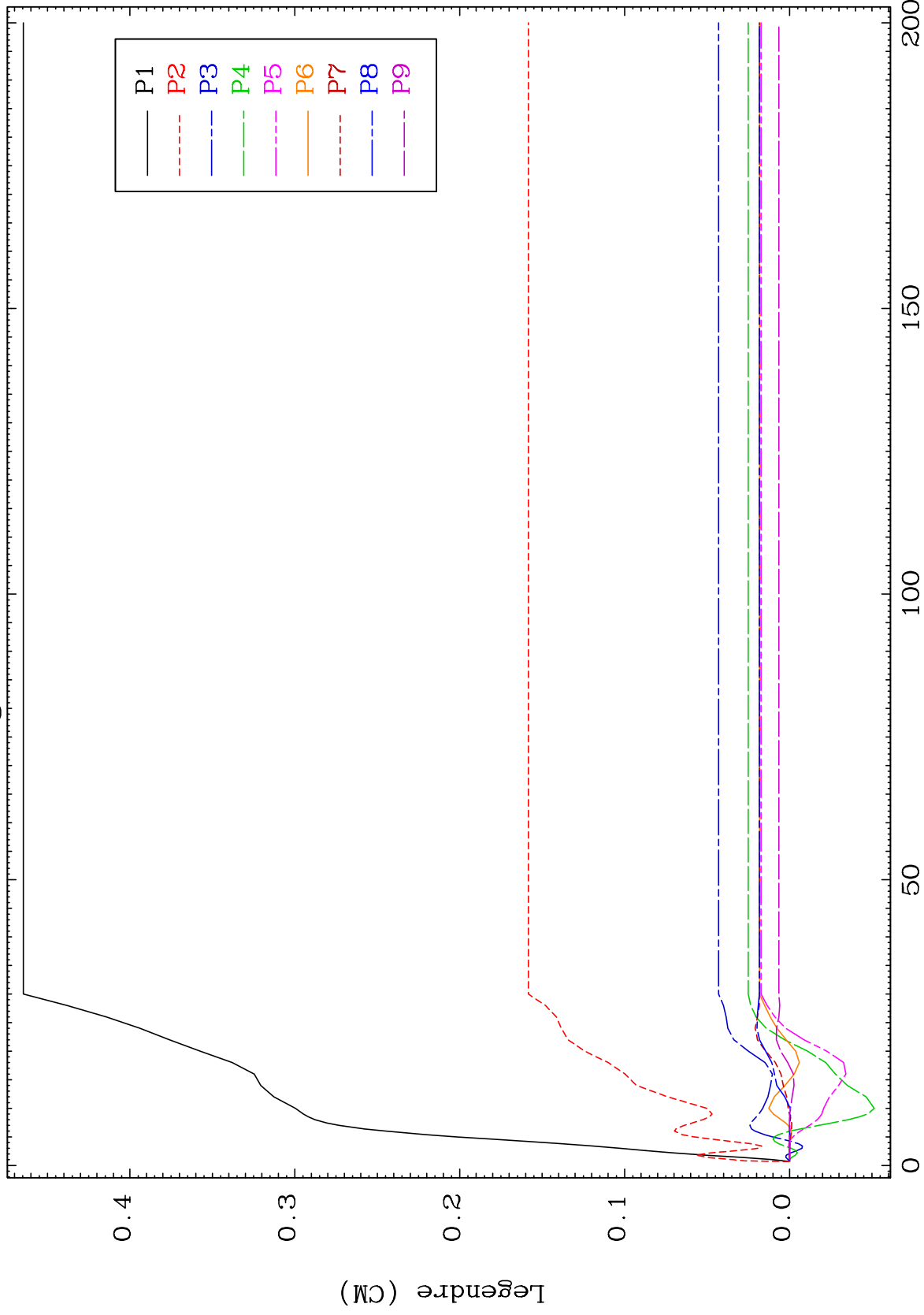
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



39

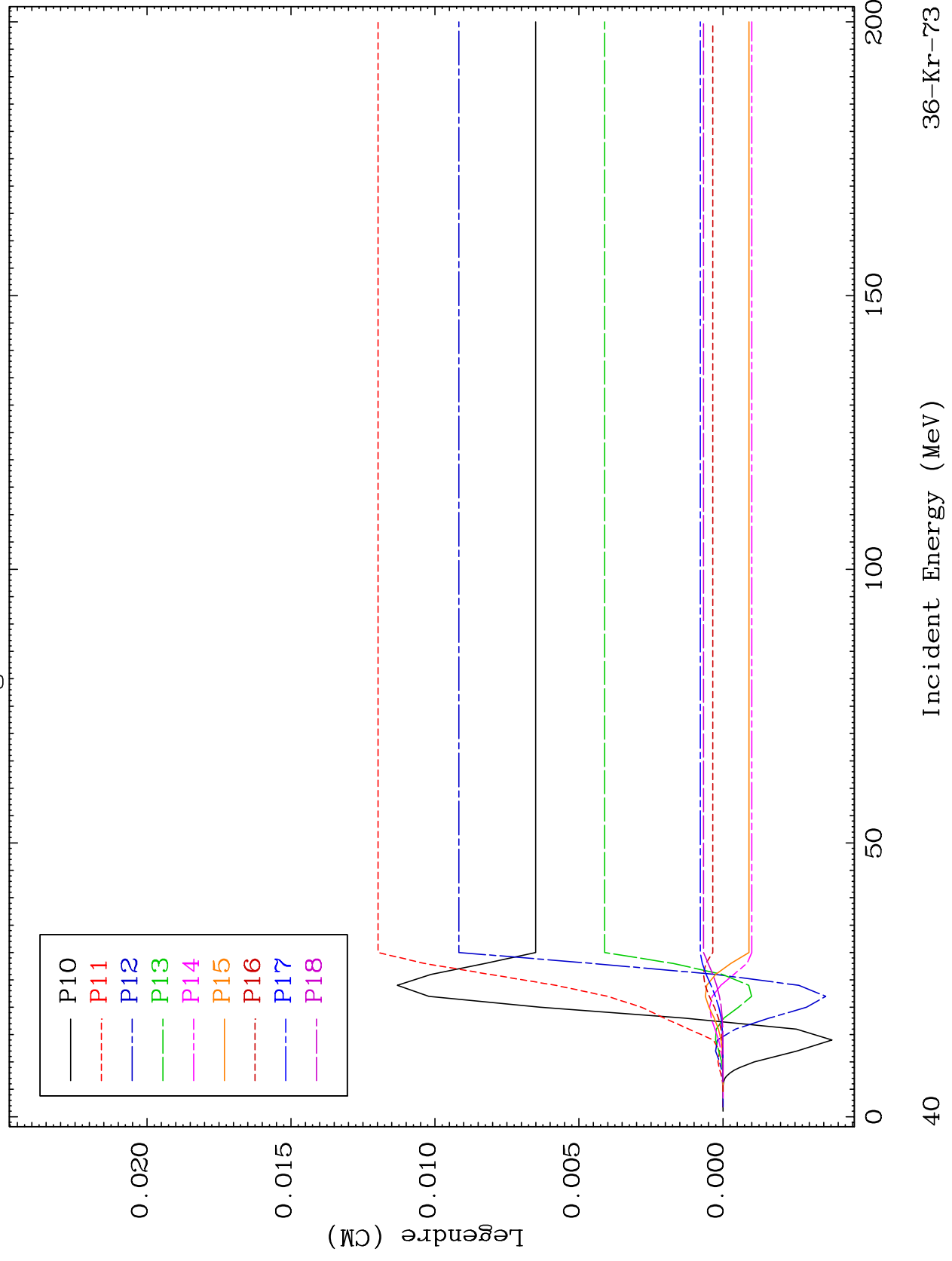
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

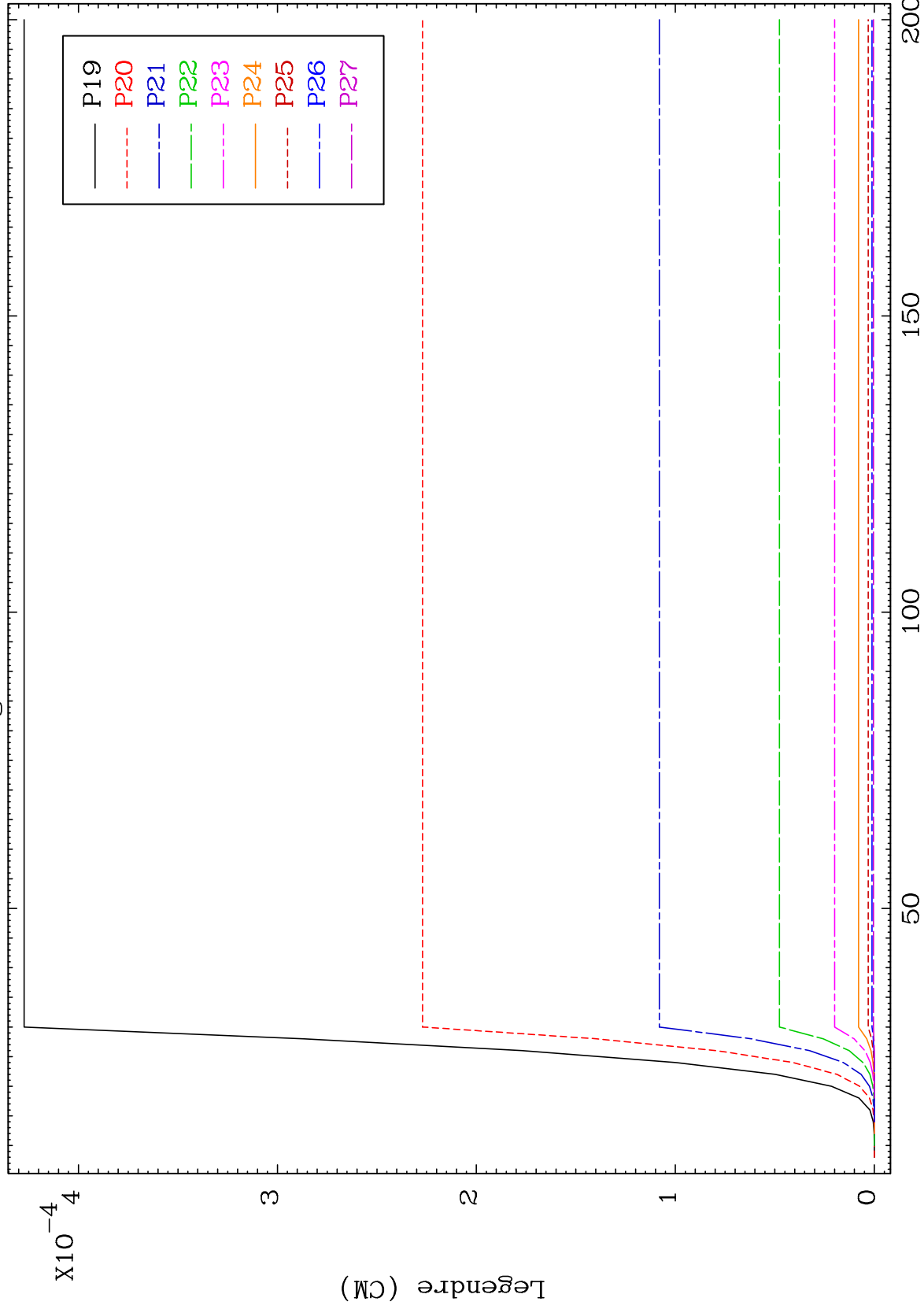
36-Kr-73



MAT 3610

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

36-Kr-73



41

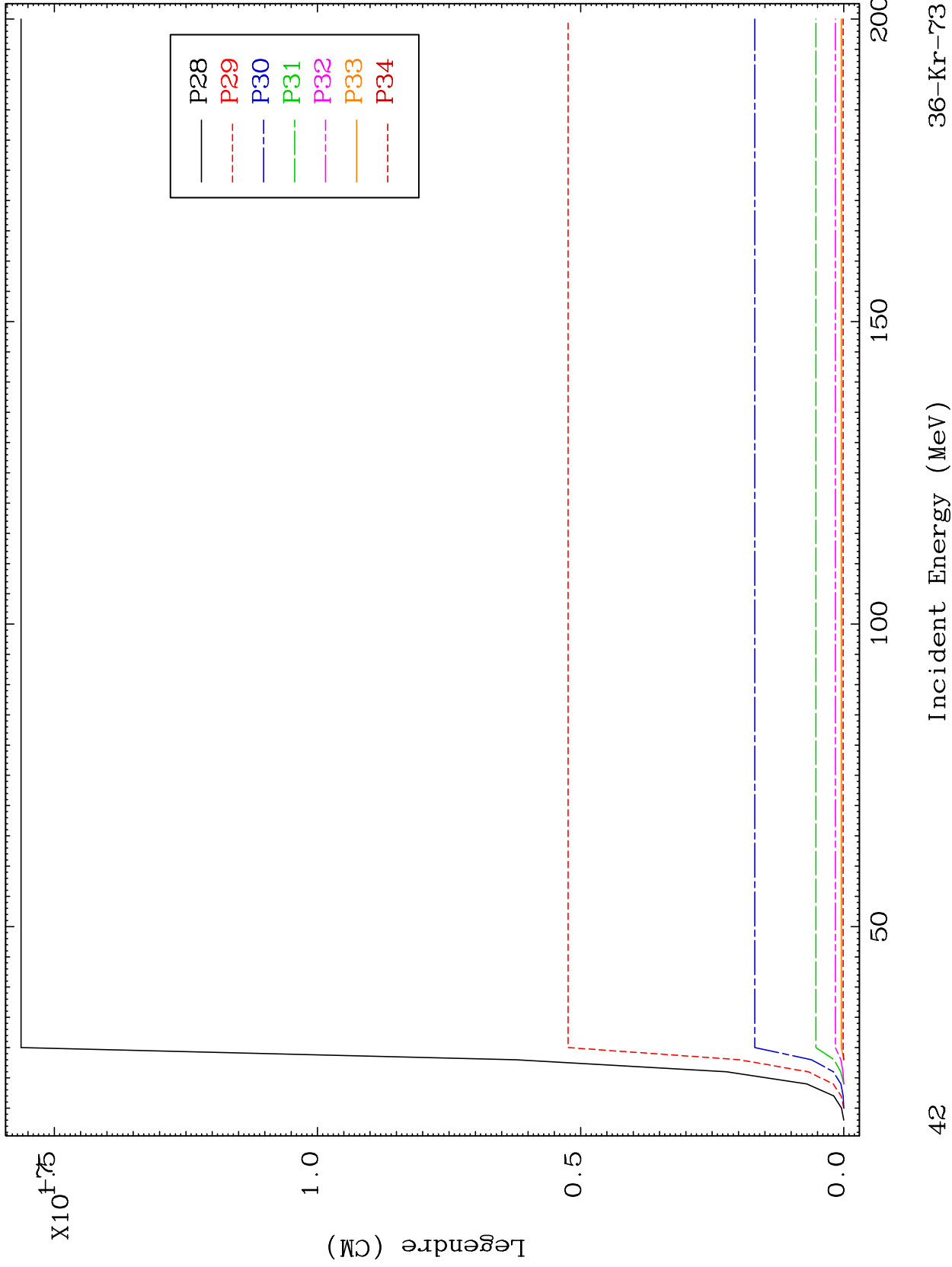
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



42

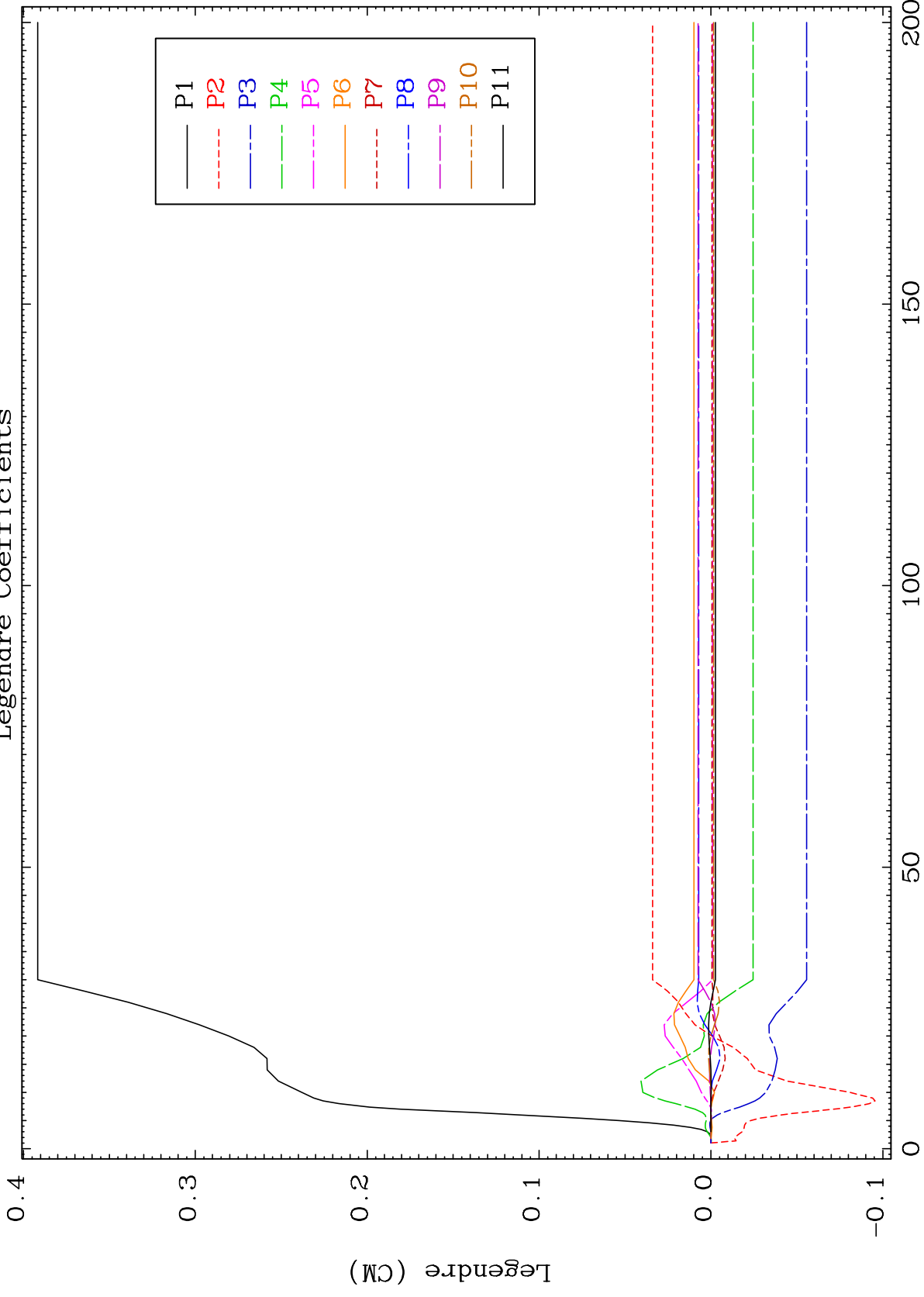
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



43

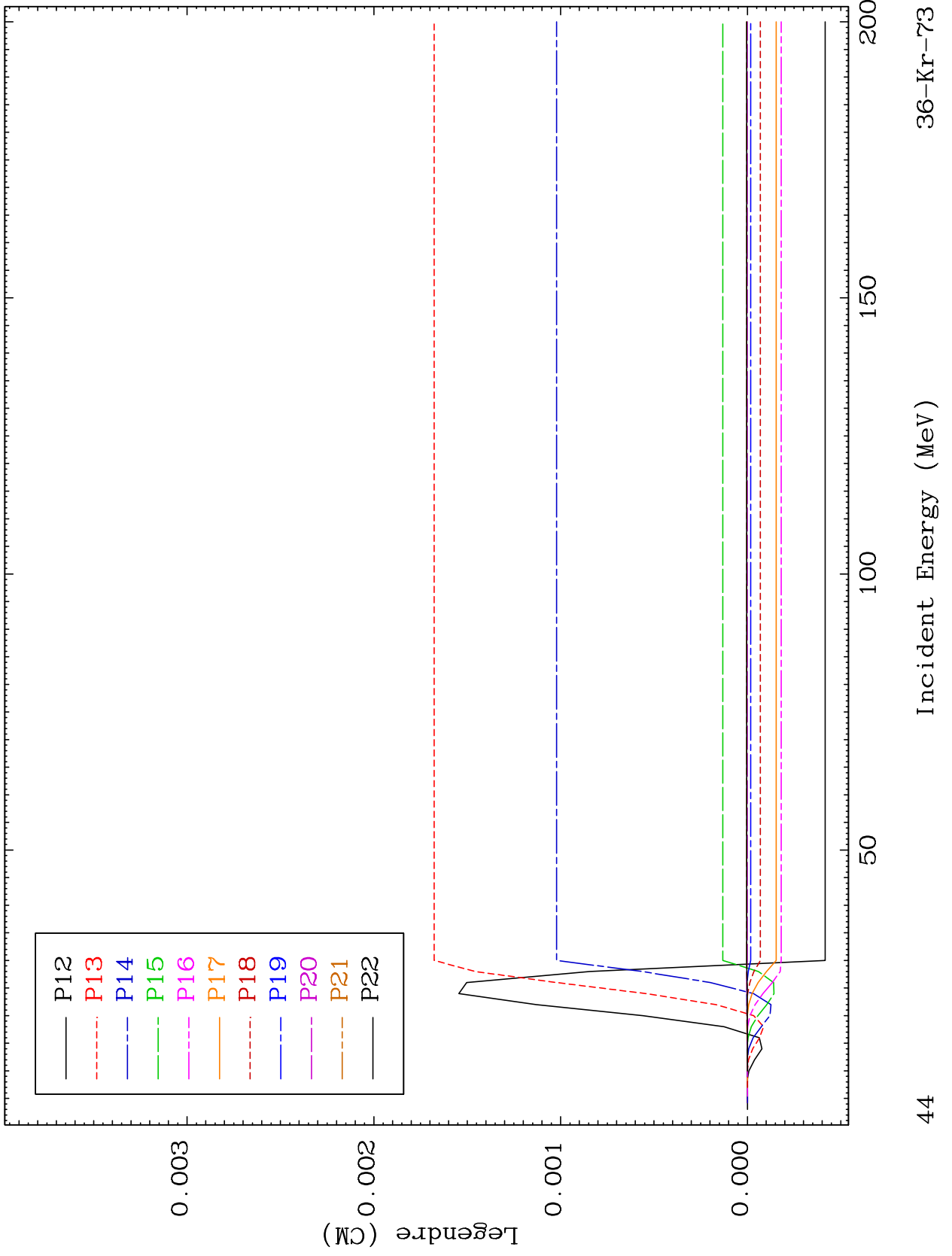
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

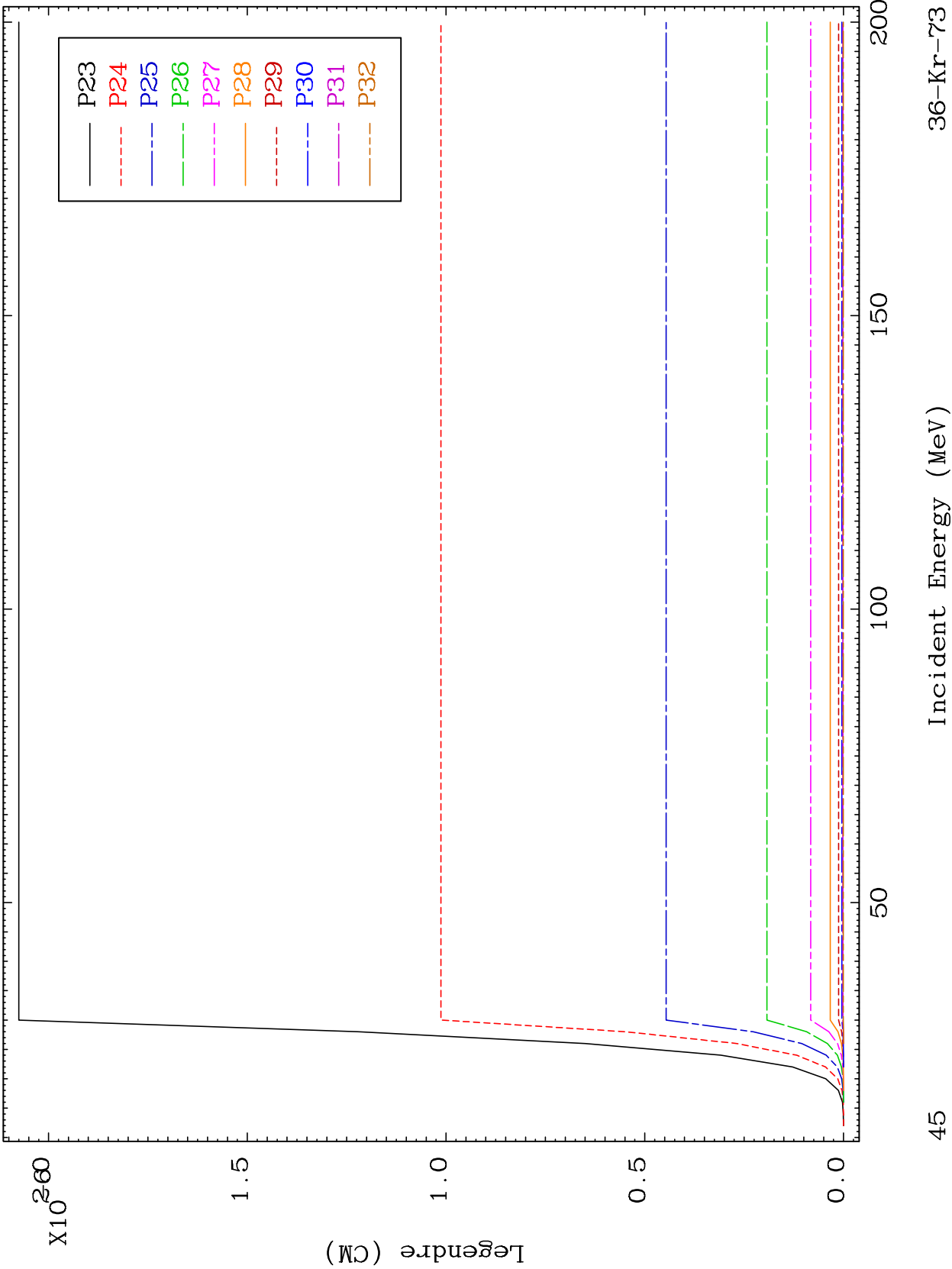
36-Kr-73



MAT 3610

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

36-Kr-73



45

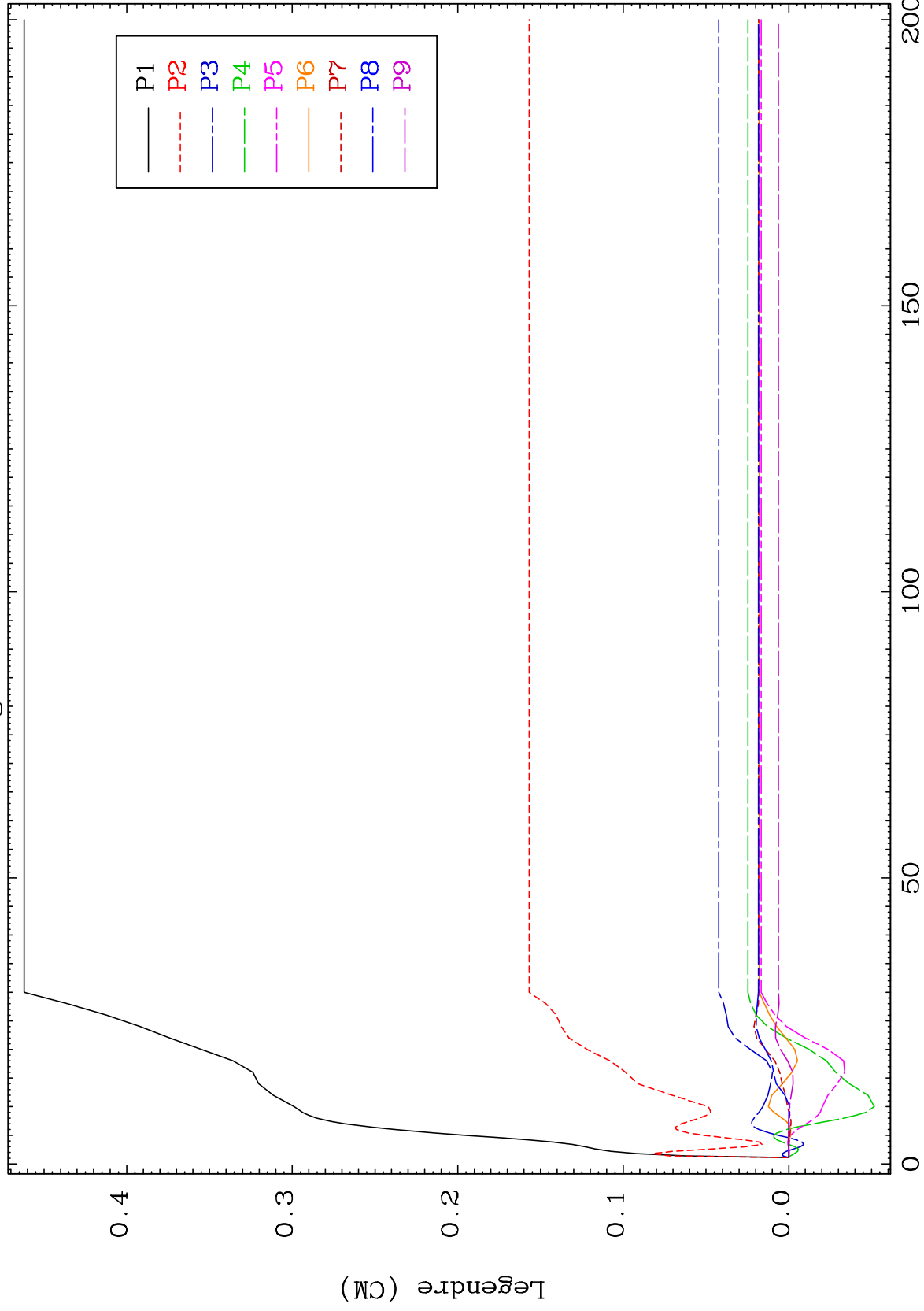
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



46

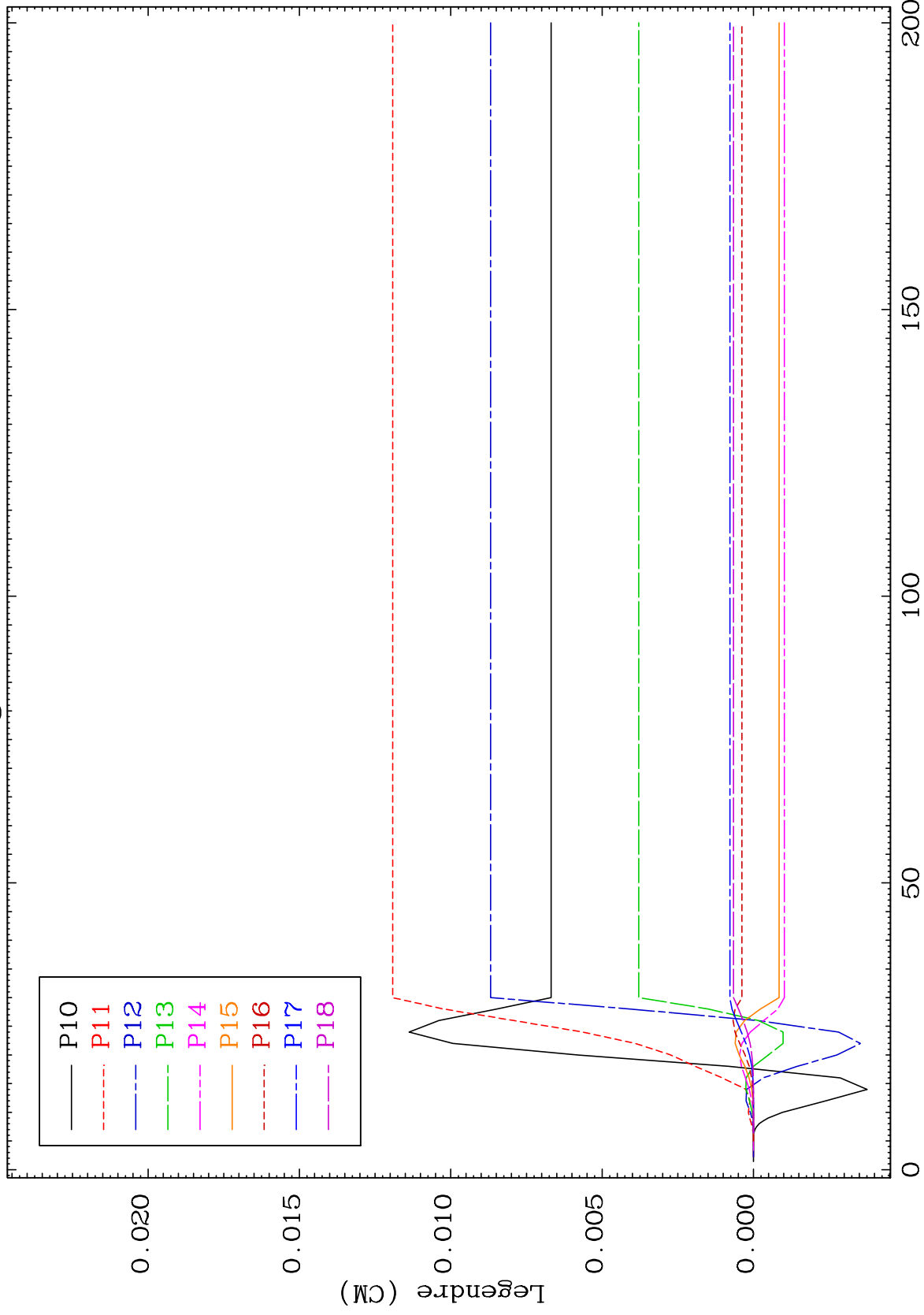
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



47

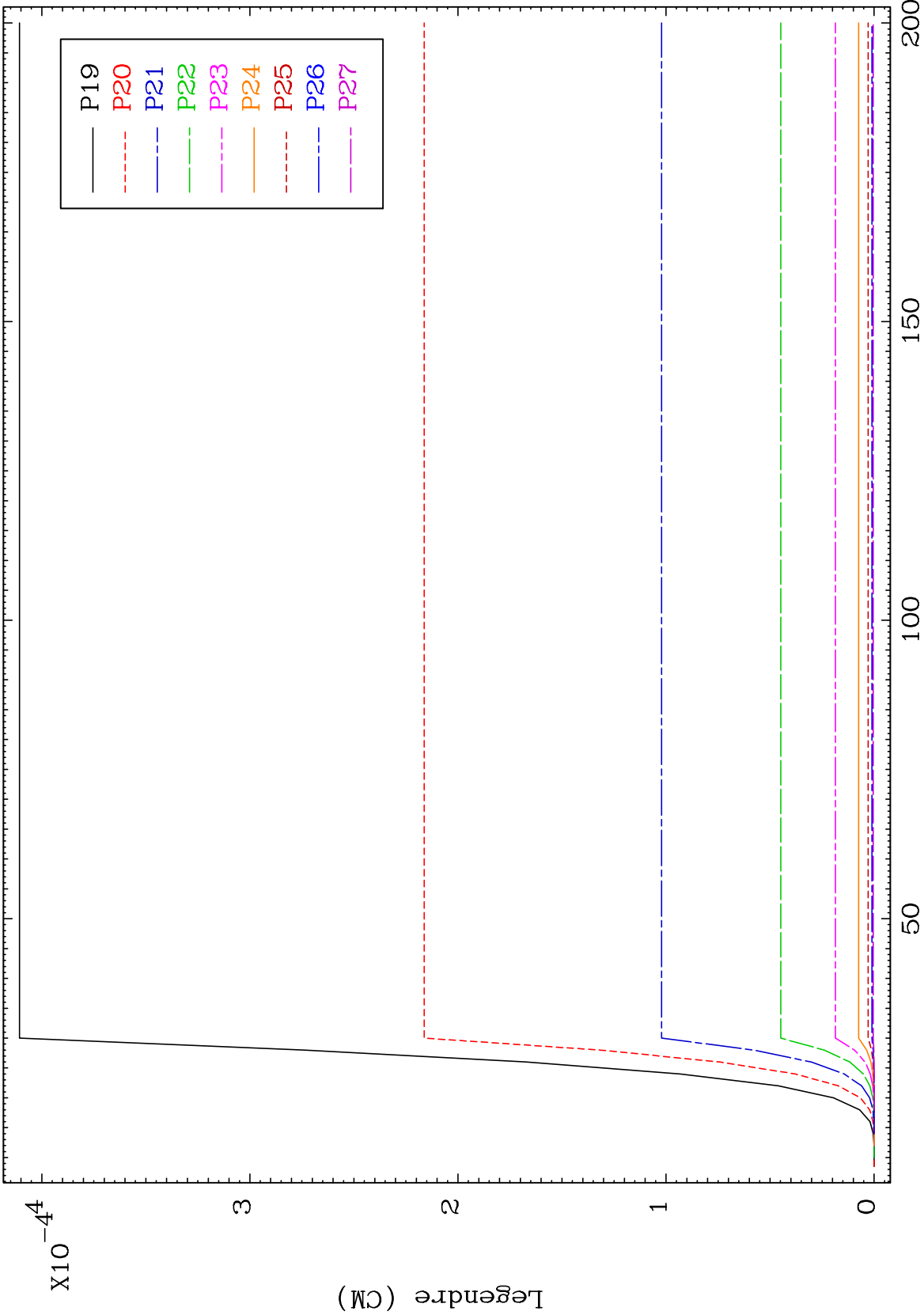
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



48

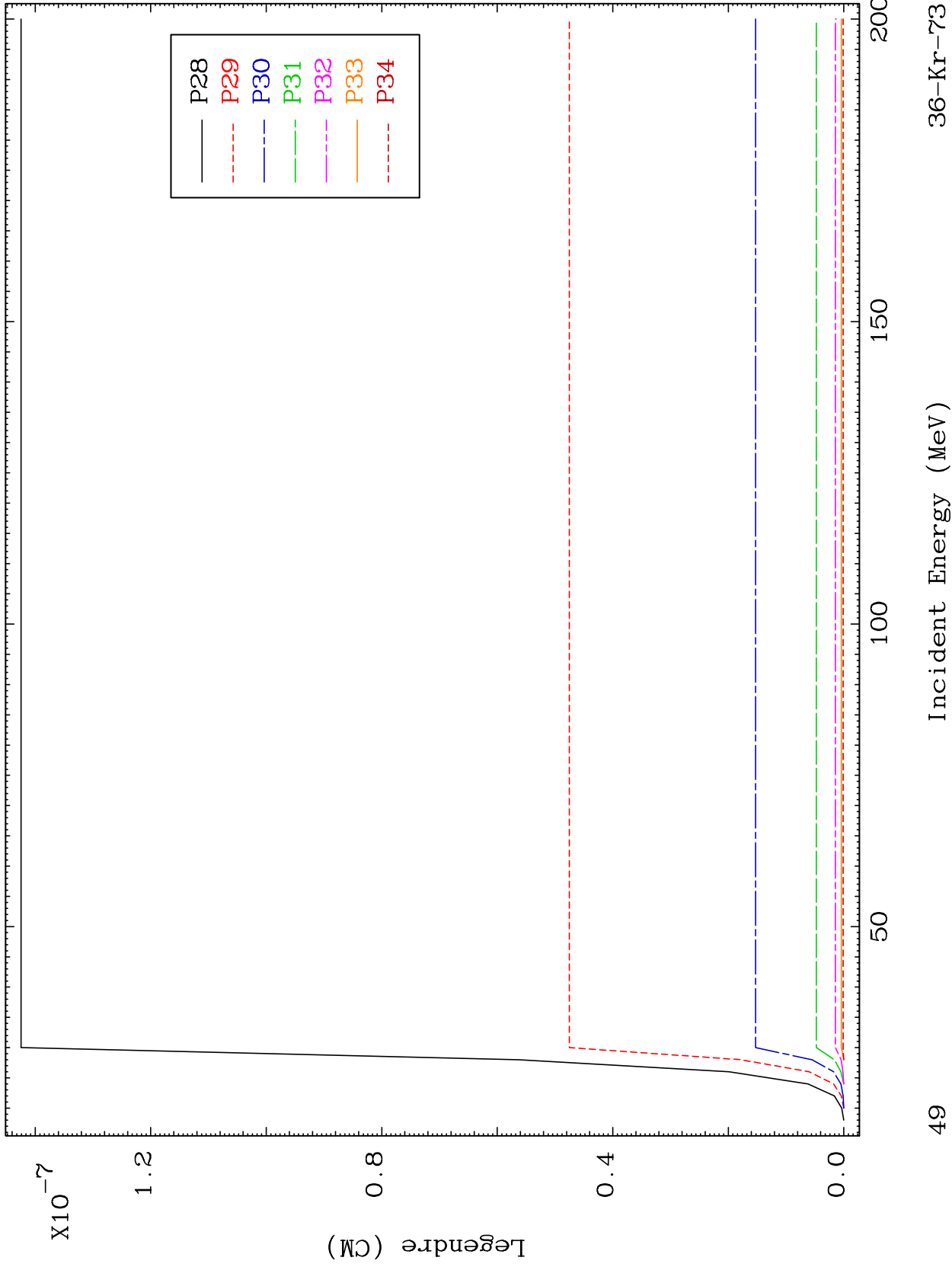
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



49

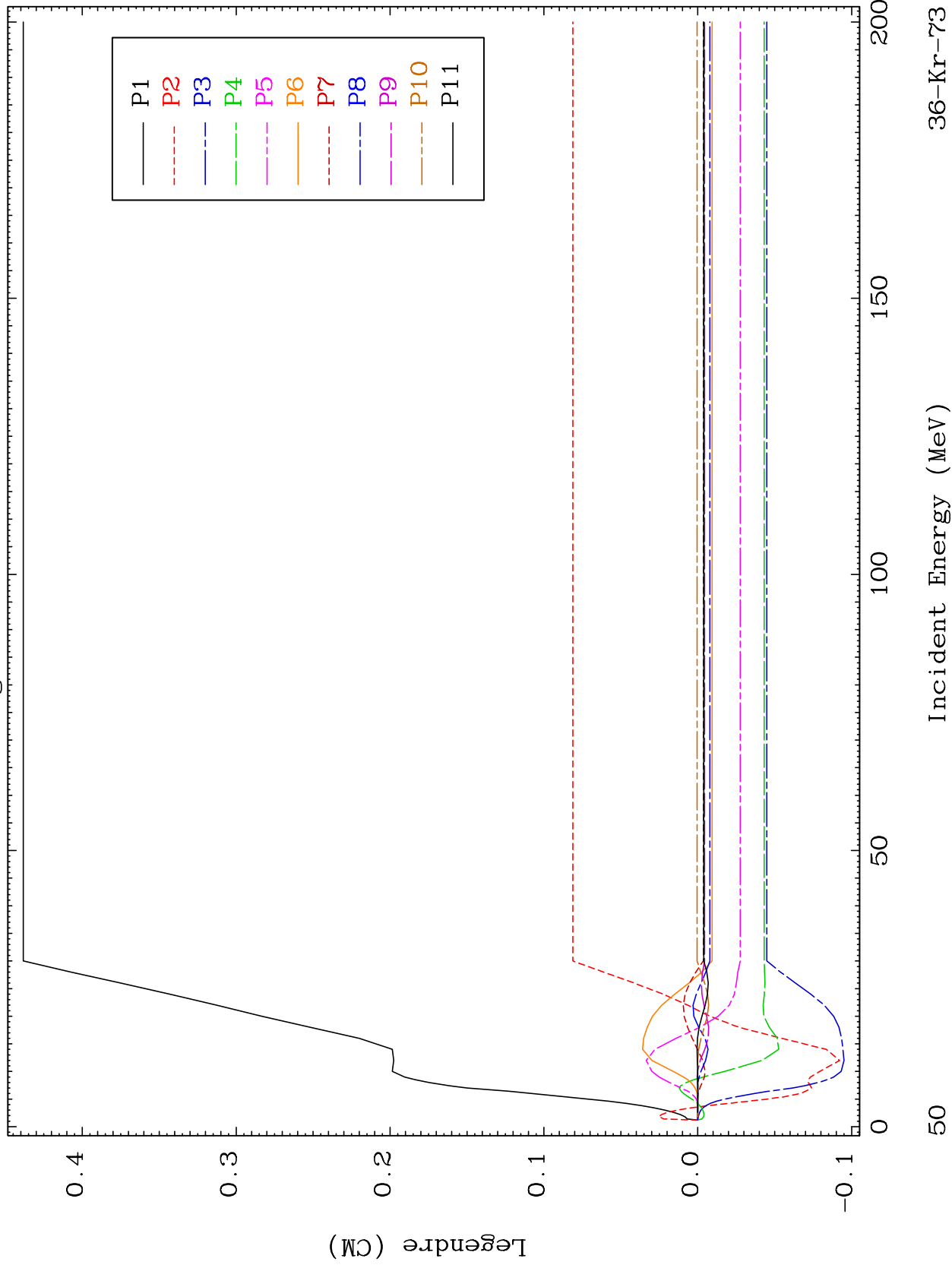
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73

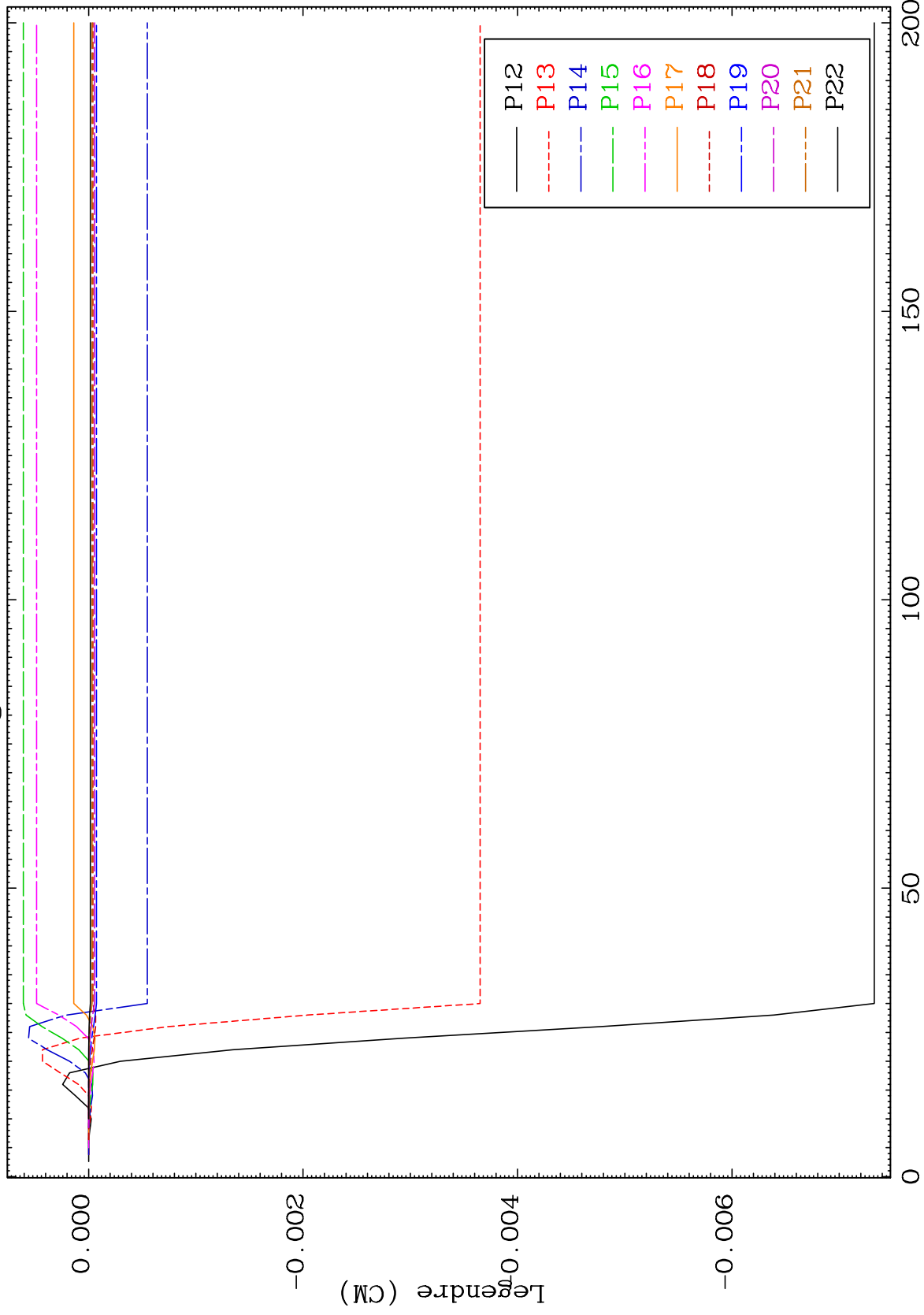


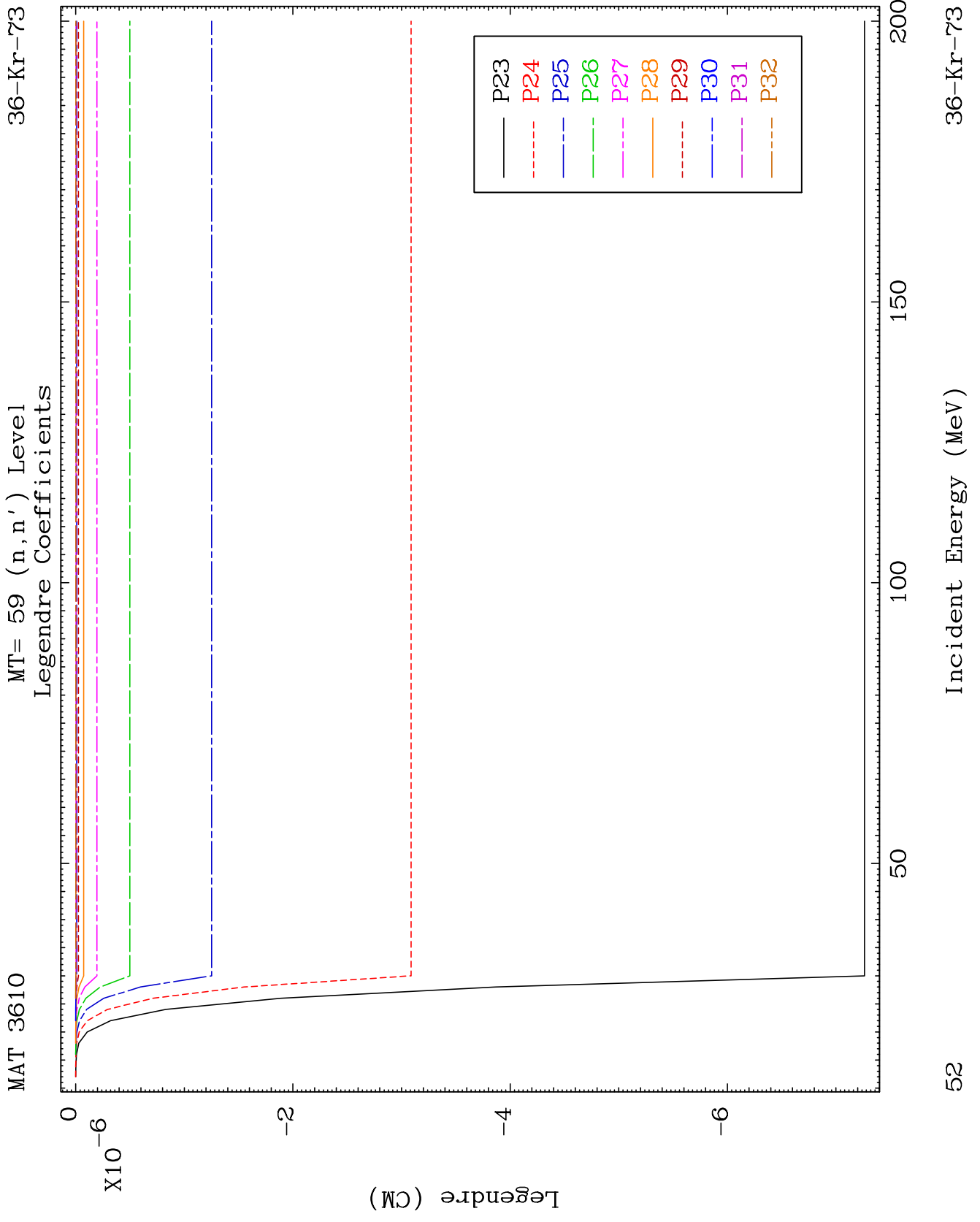
36-Kr-73

MAT 3610

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

36-Kr-73

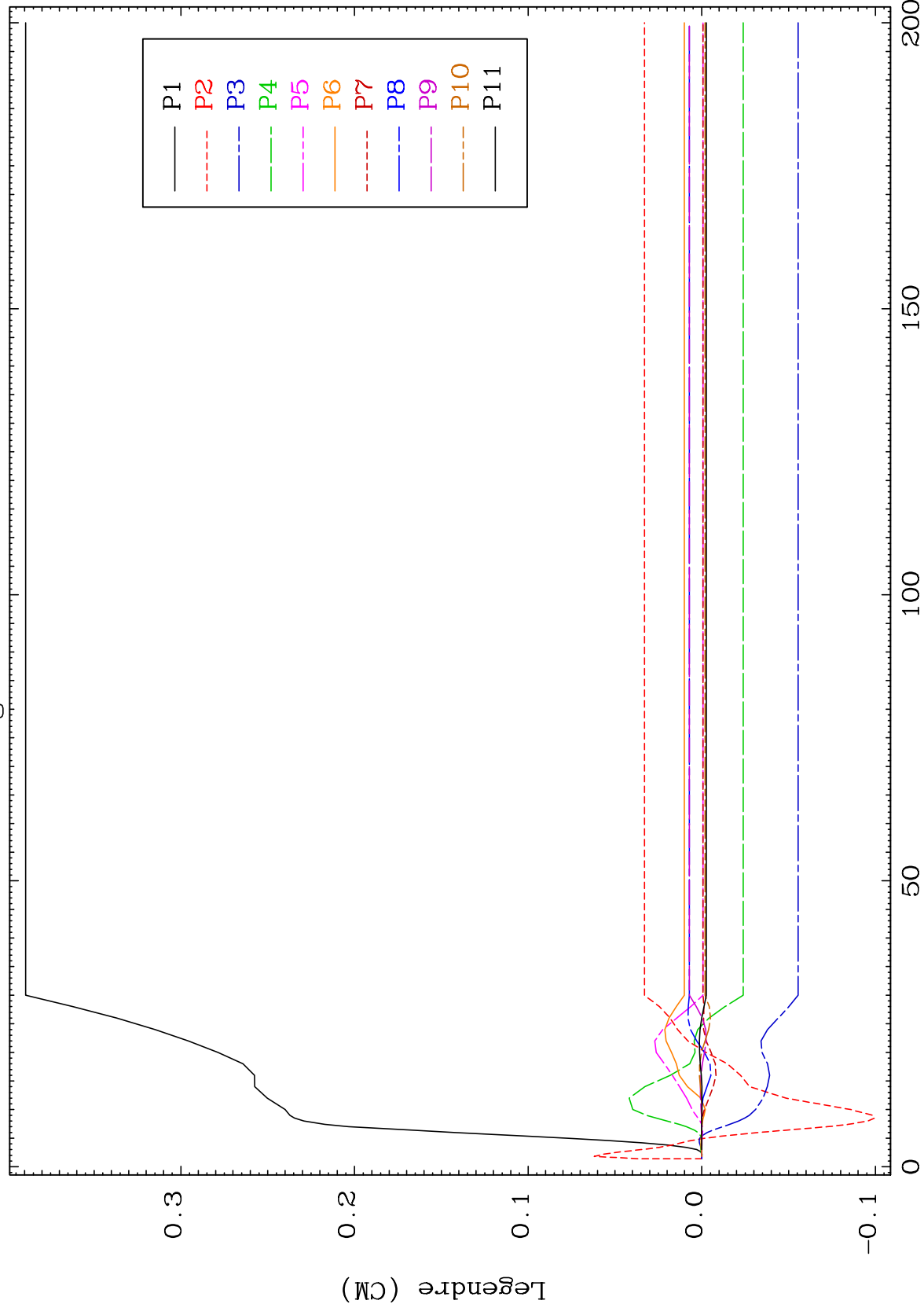




MAT 3610

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

36-Kr-73



53

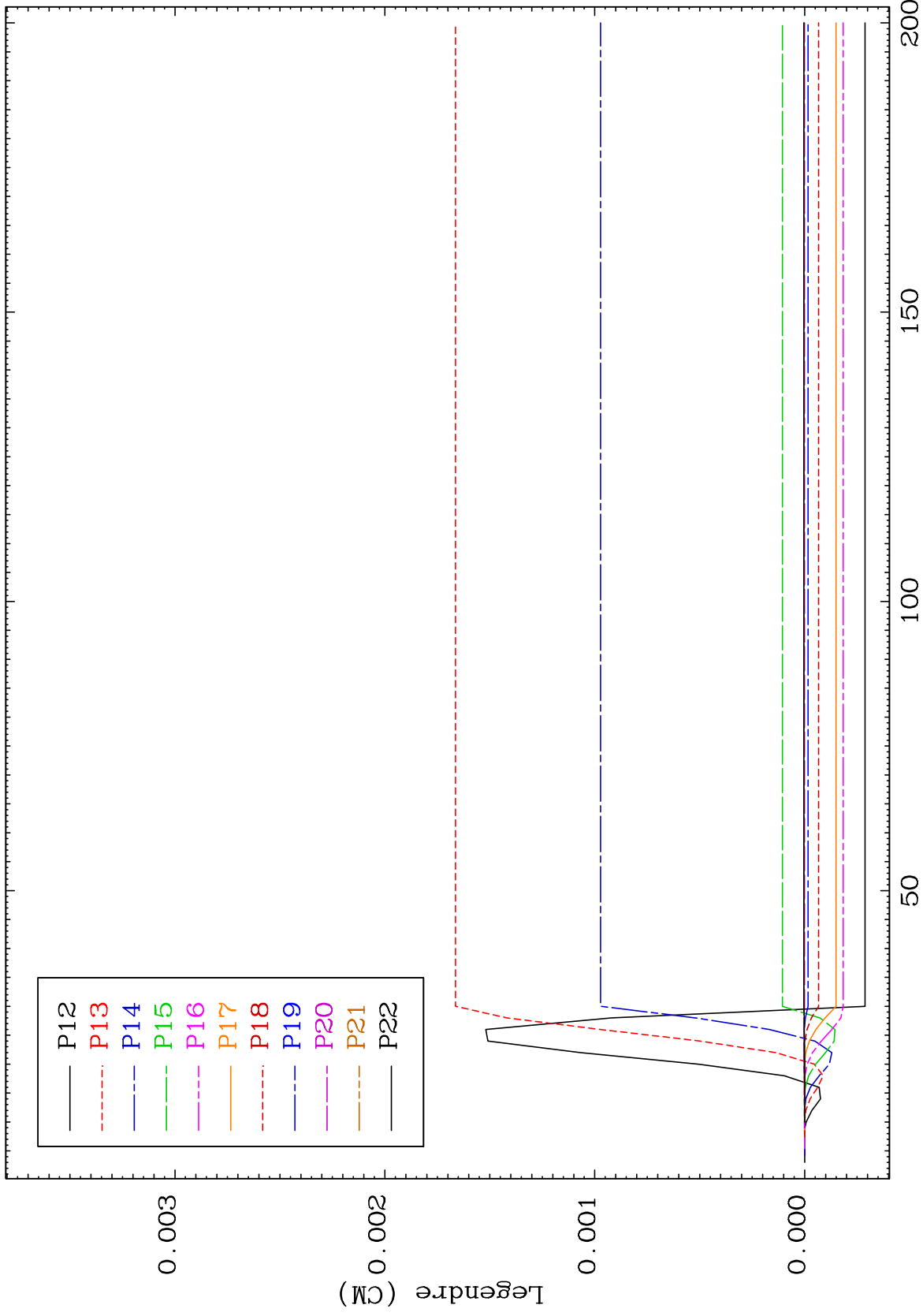
Incident Energy (MeV)

36-Kr-73

MAT 3610

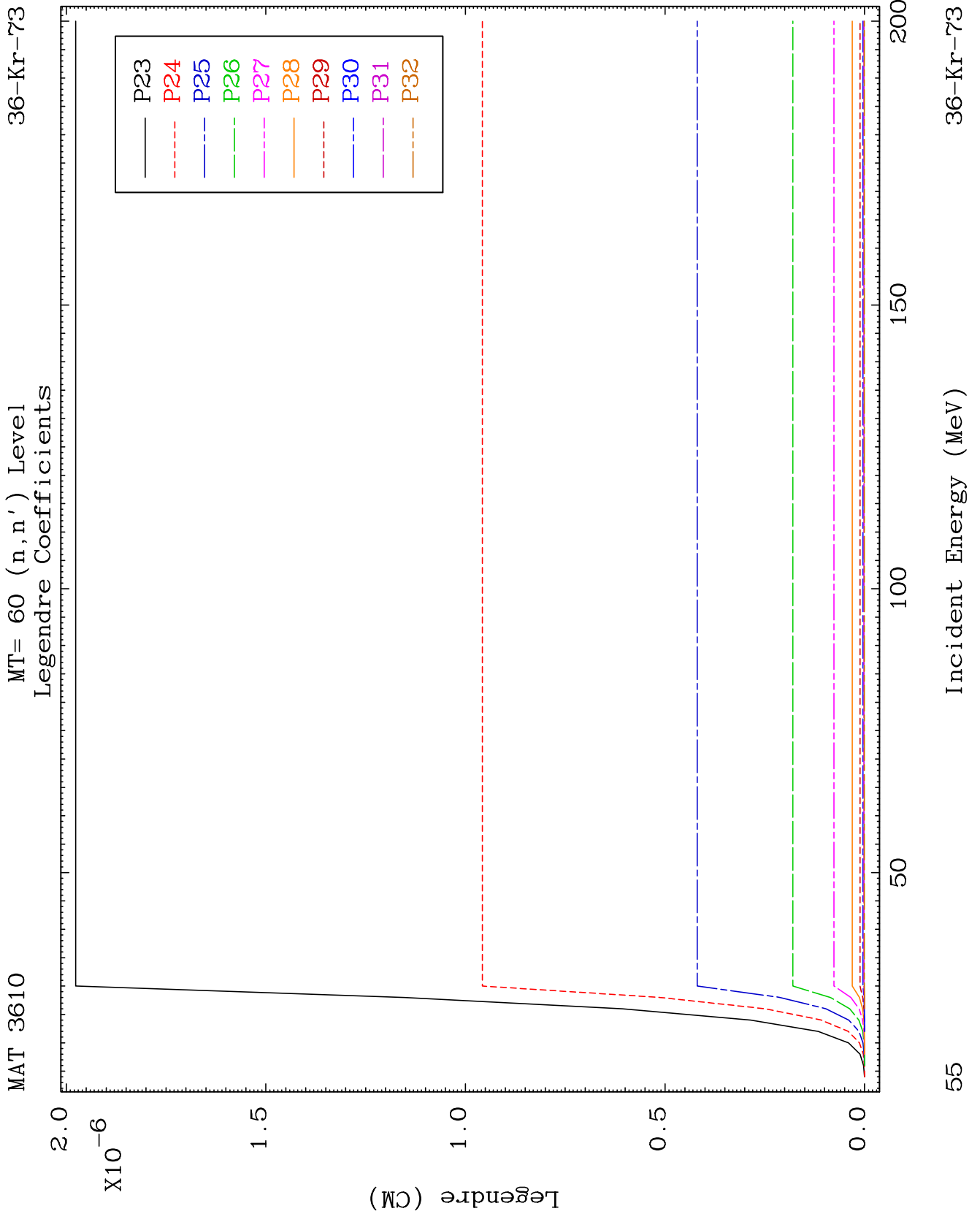
MT= 60 (n,n') Level
Legendre Coefficients

36-Kr-73



54

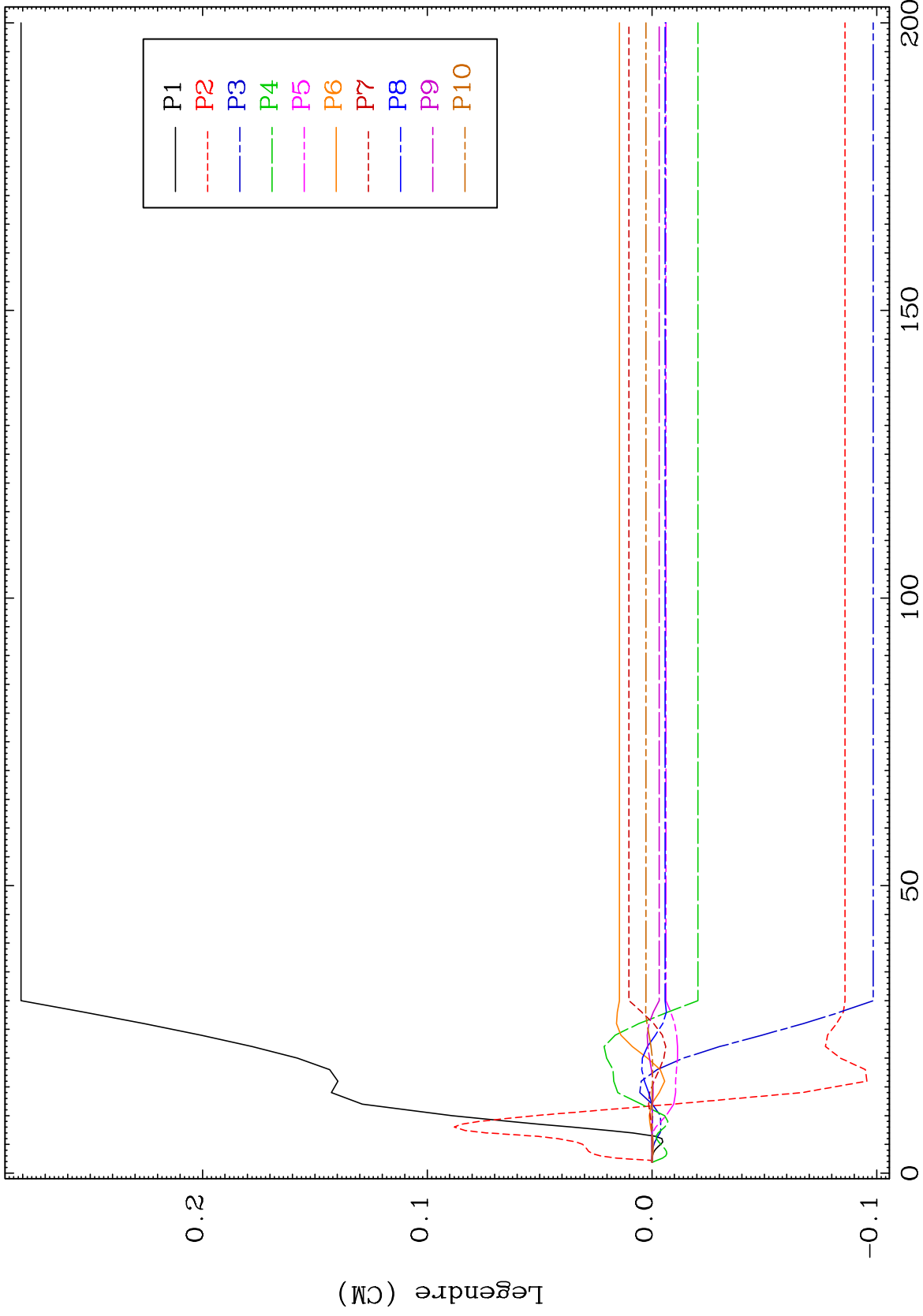
36-Kr-73



MAT 3610

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

36-Kr-73



56

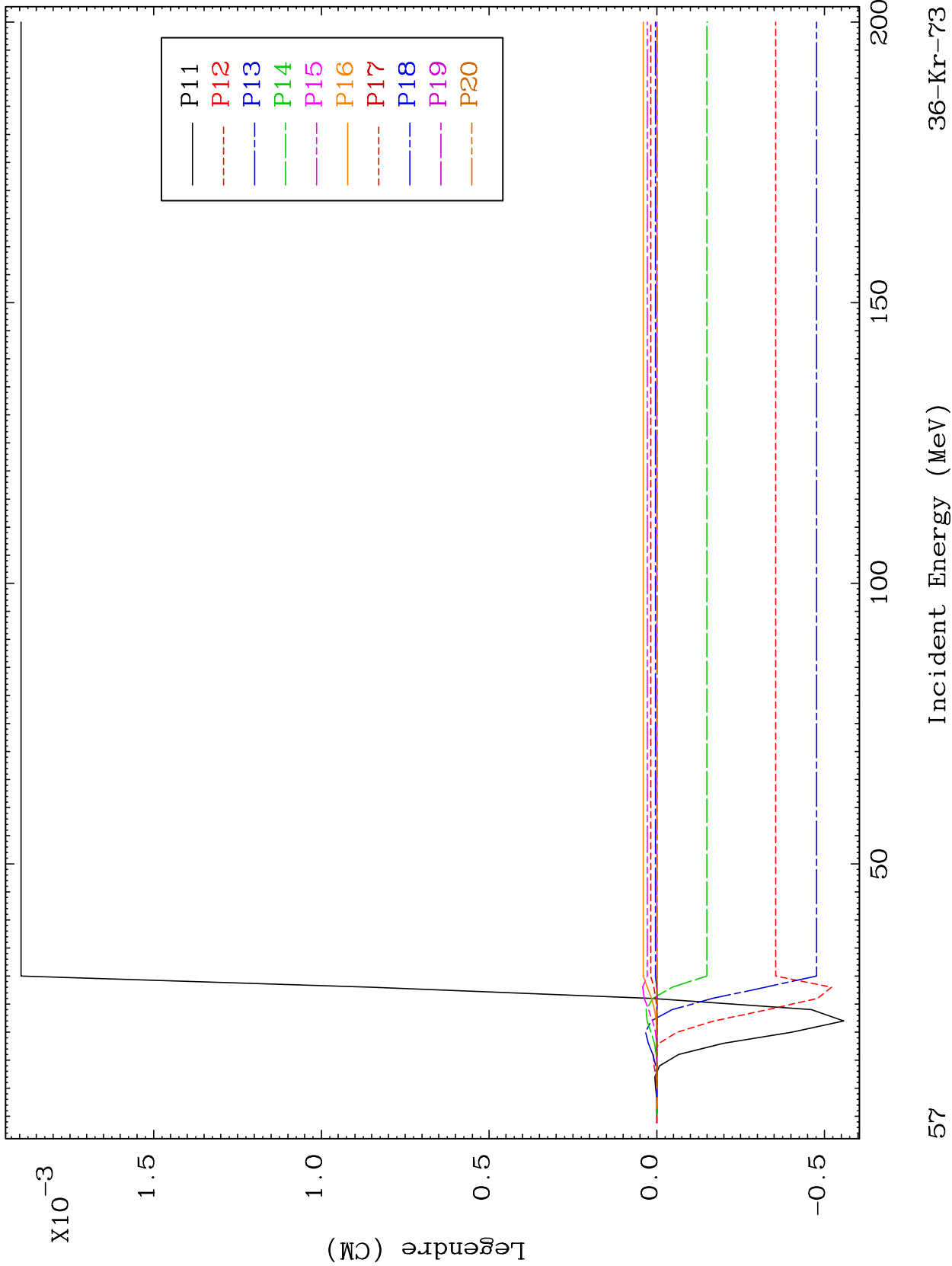
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

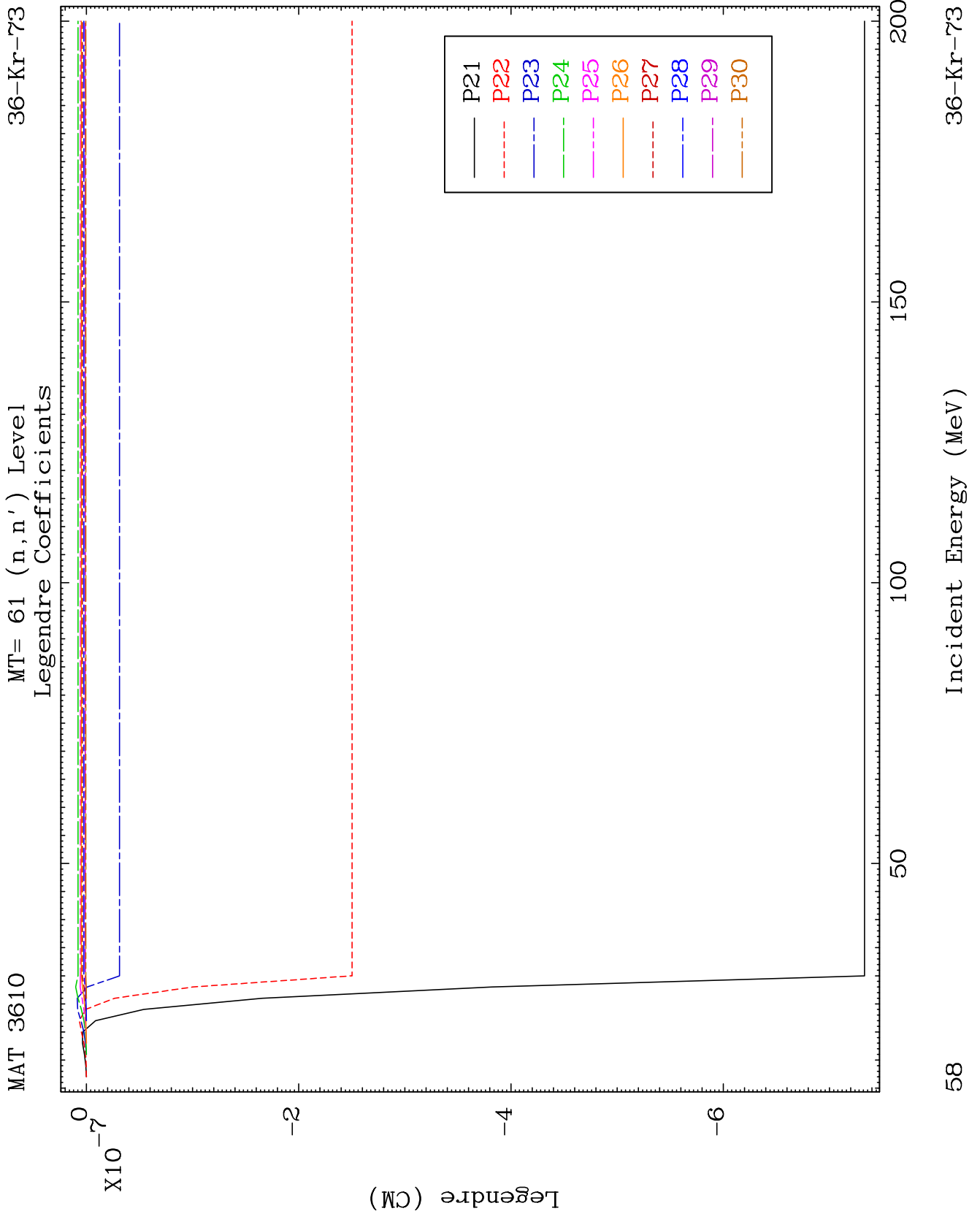
36-Kr-73



57

Incident Energy (MeV)

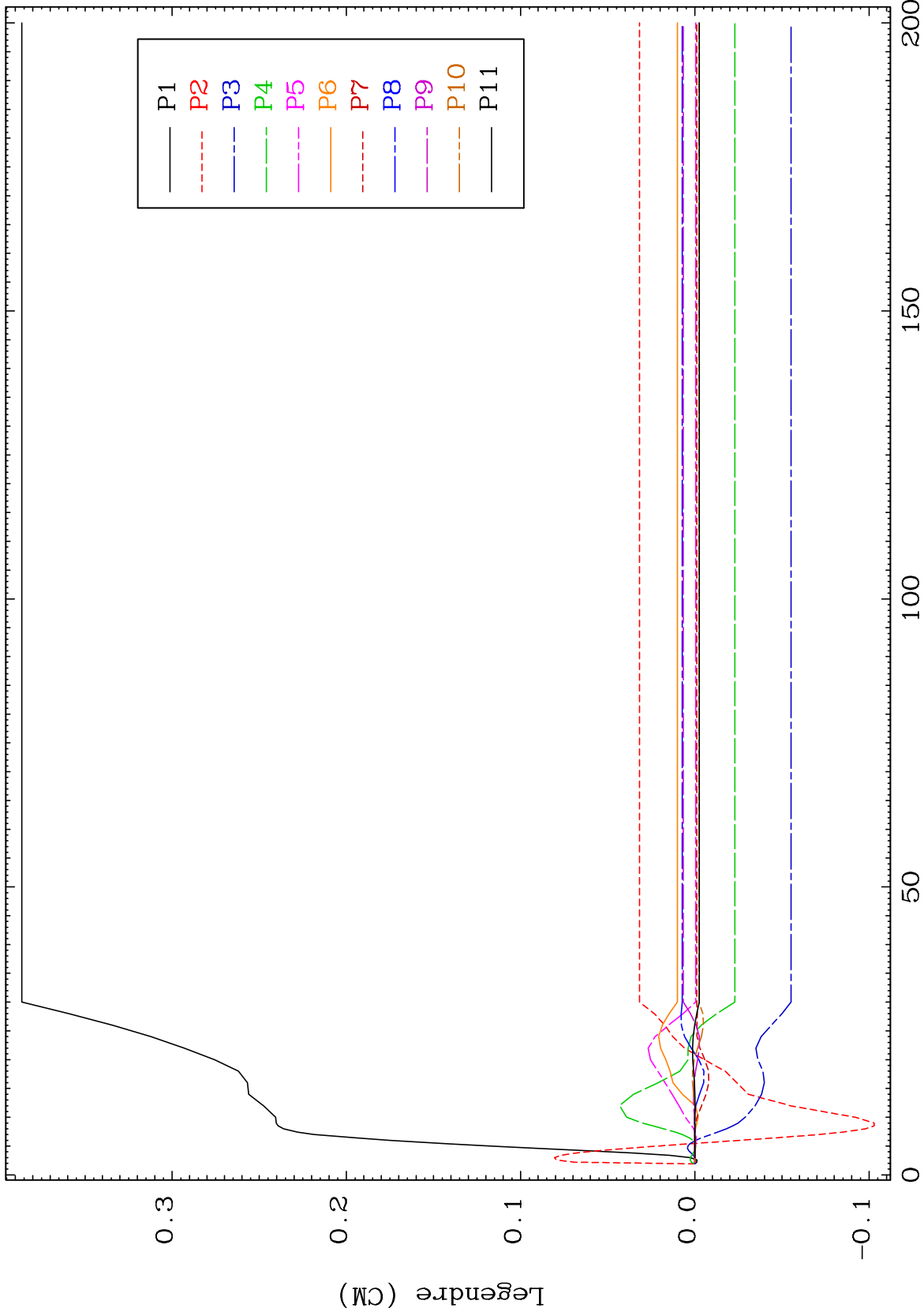
36-Kr-73



MAT 3610

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

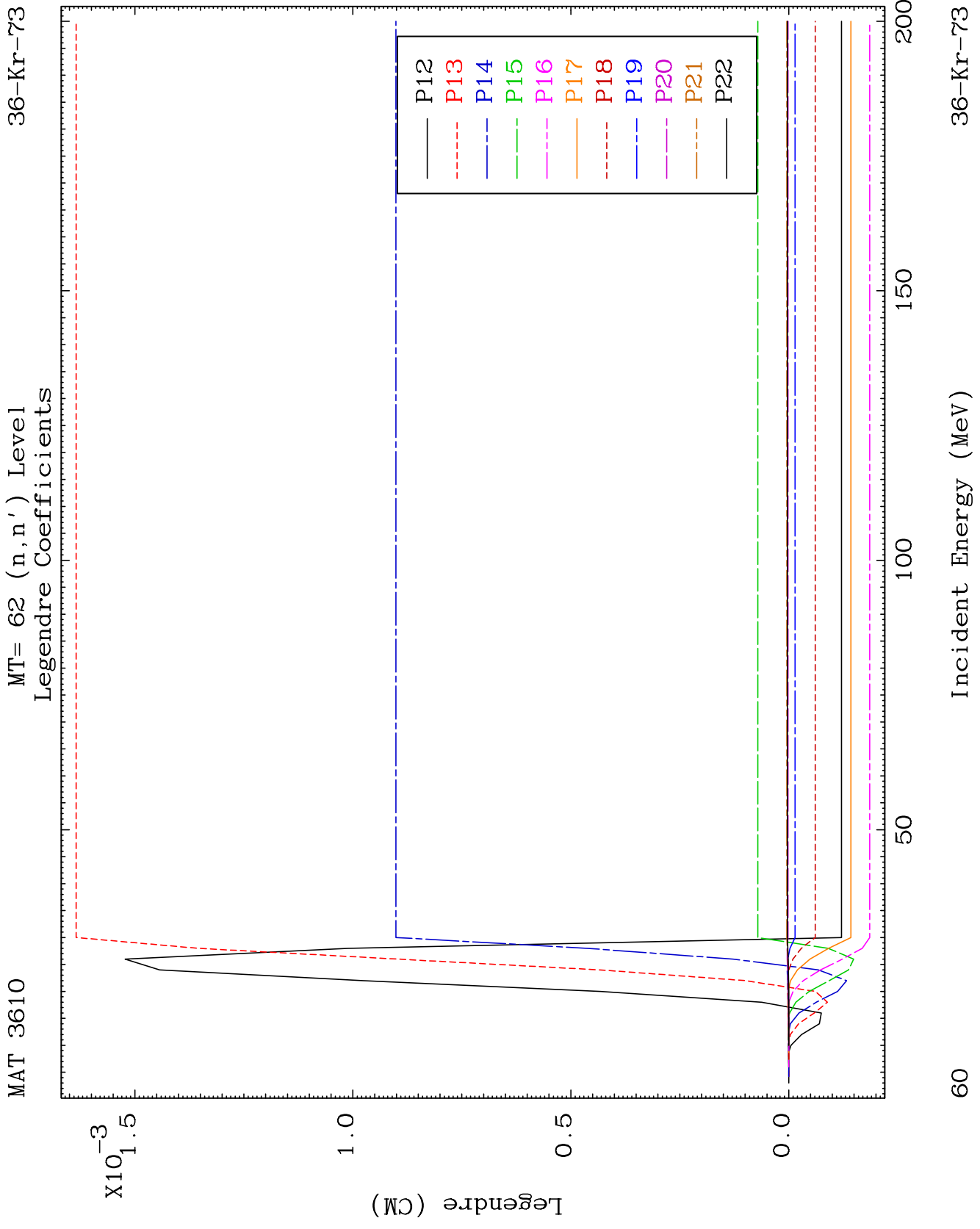
36-Kr-73



59

Incident Energy (MeV)

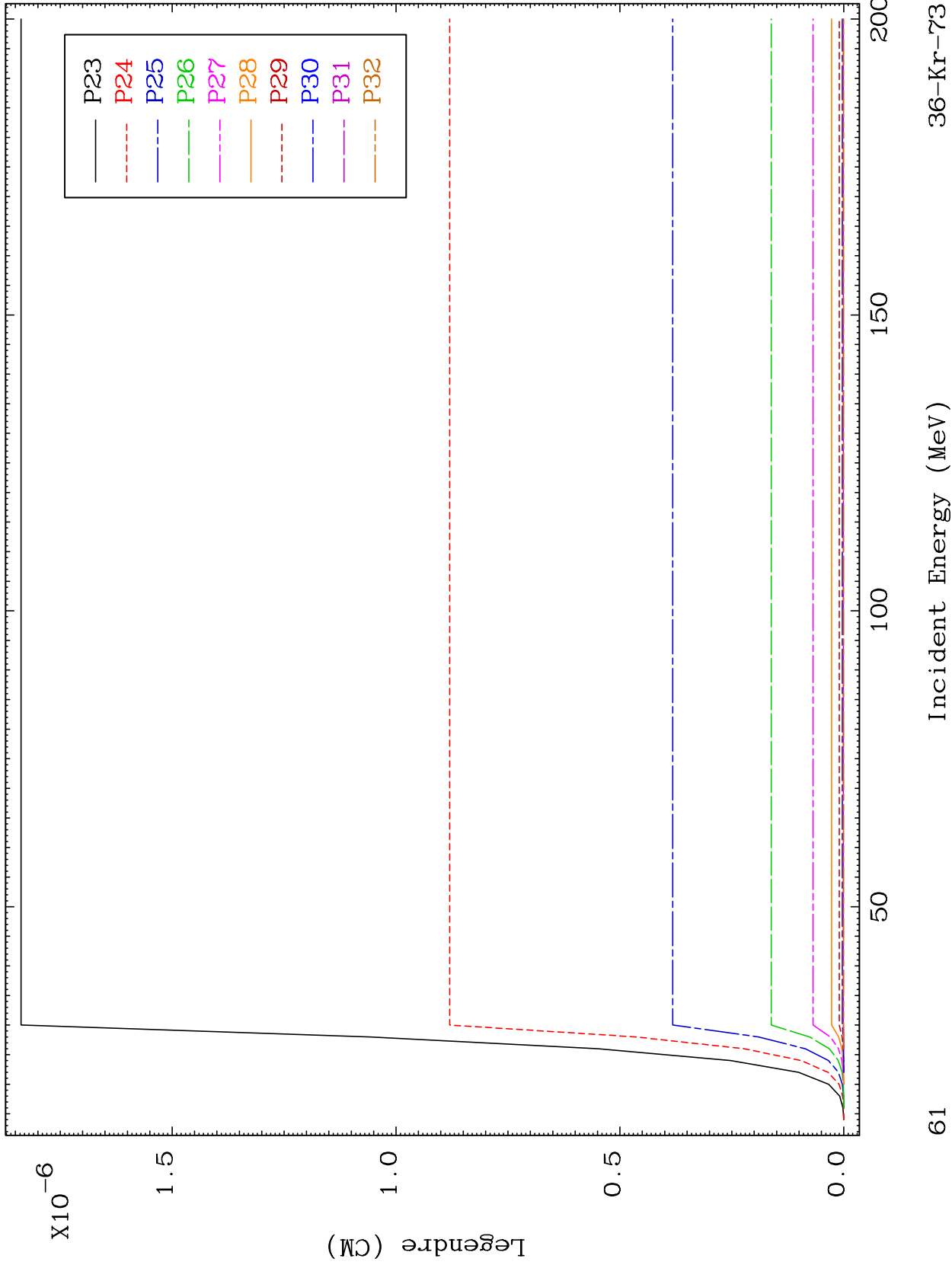
36-Kr-73



MAT 3610

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

36-Kr-73



61

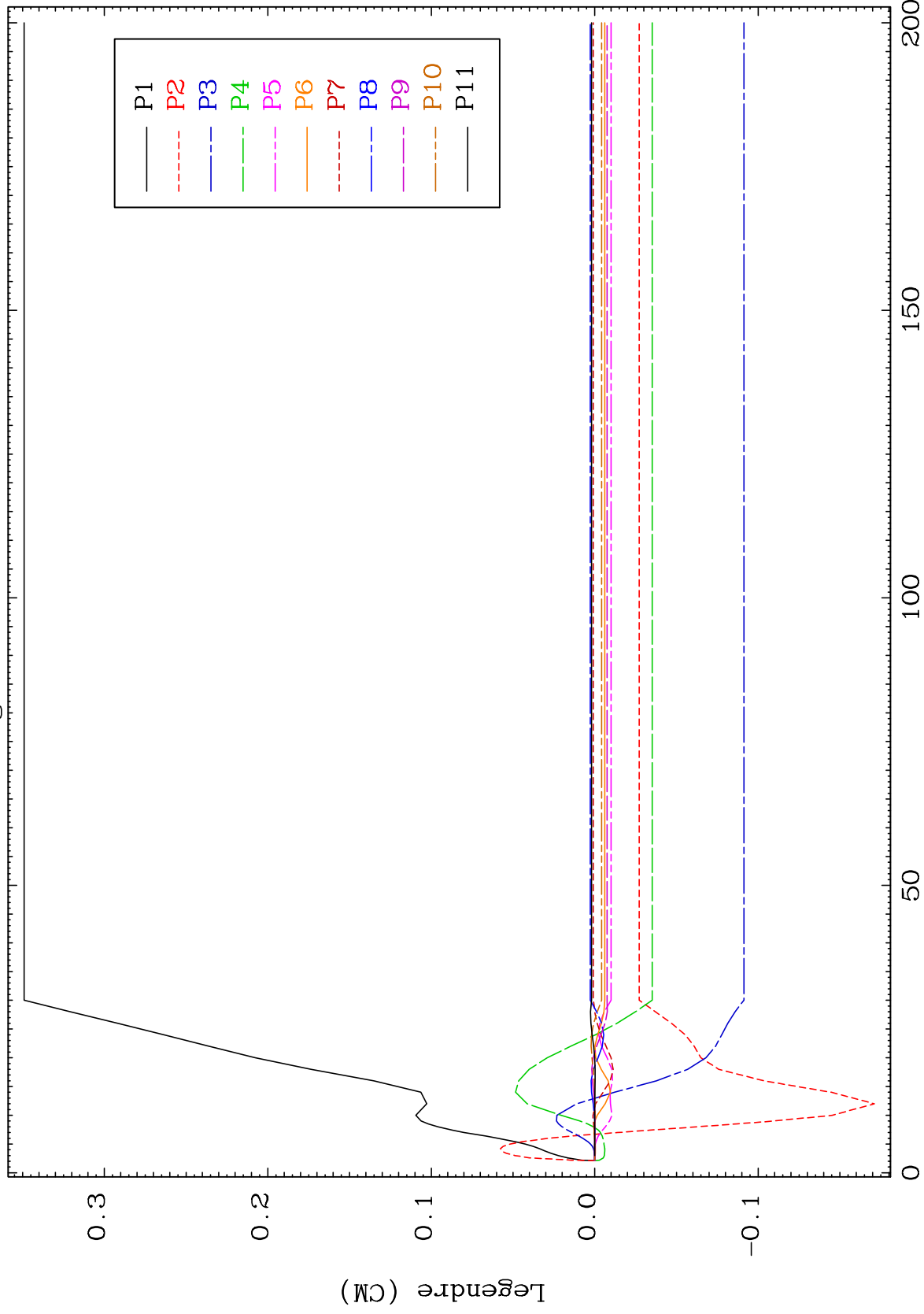
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



62

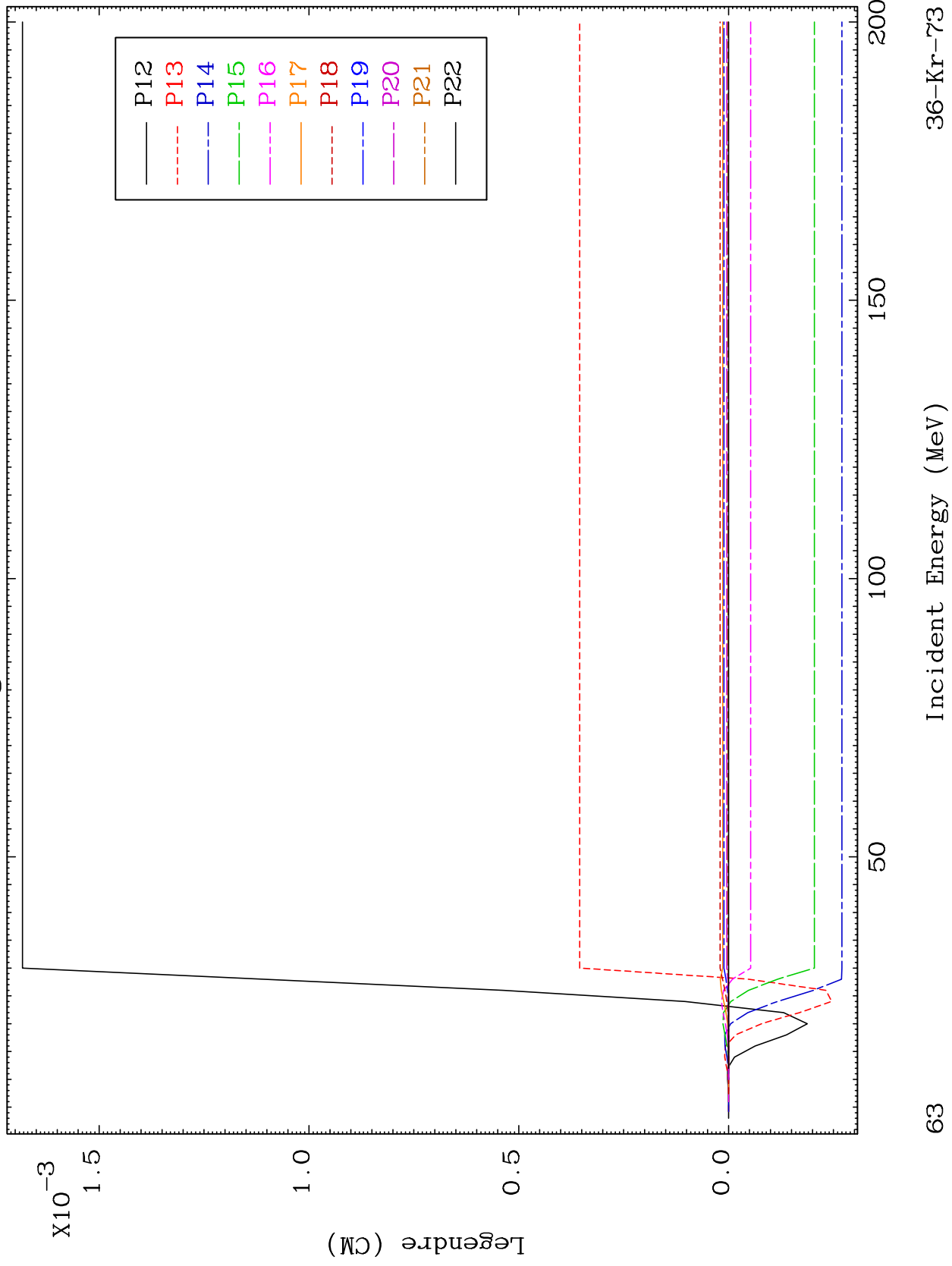
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73

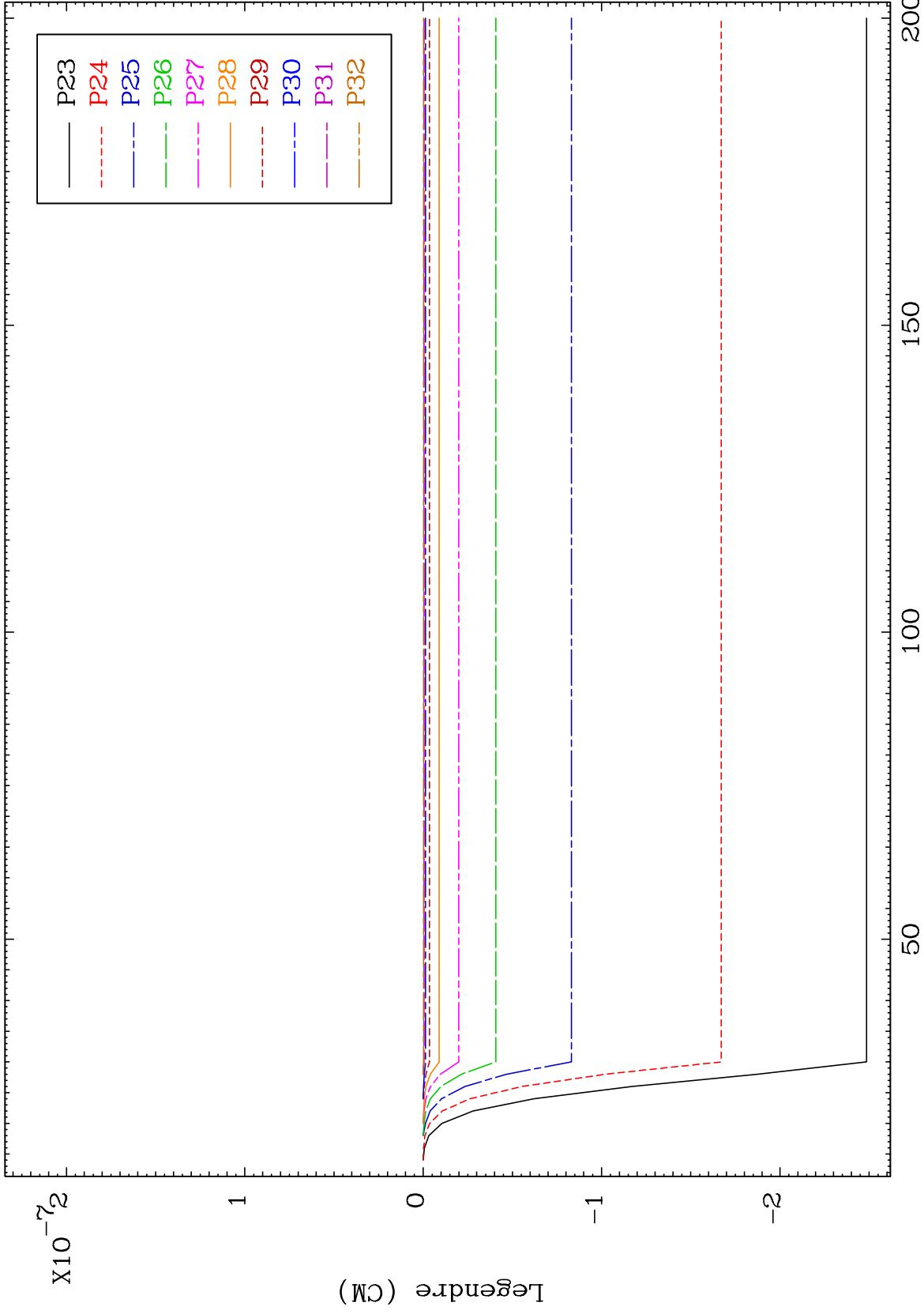


MAT 3610

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

36-Kr-73

$\times 10^{-2}$



64

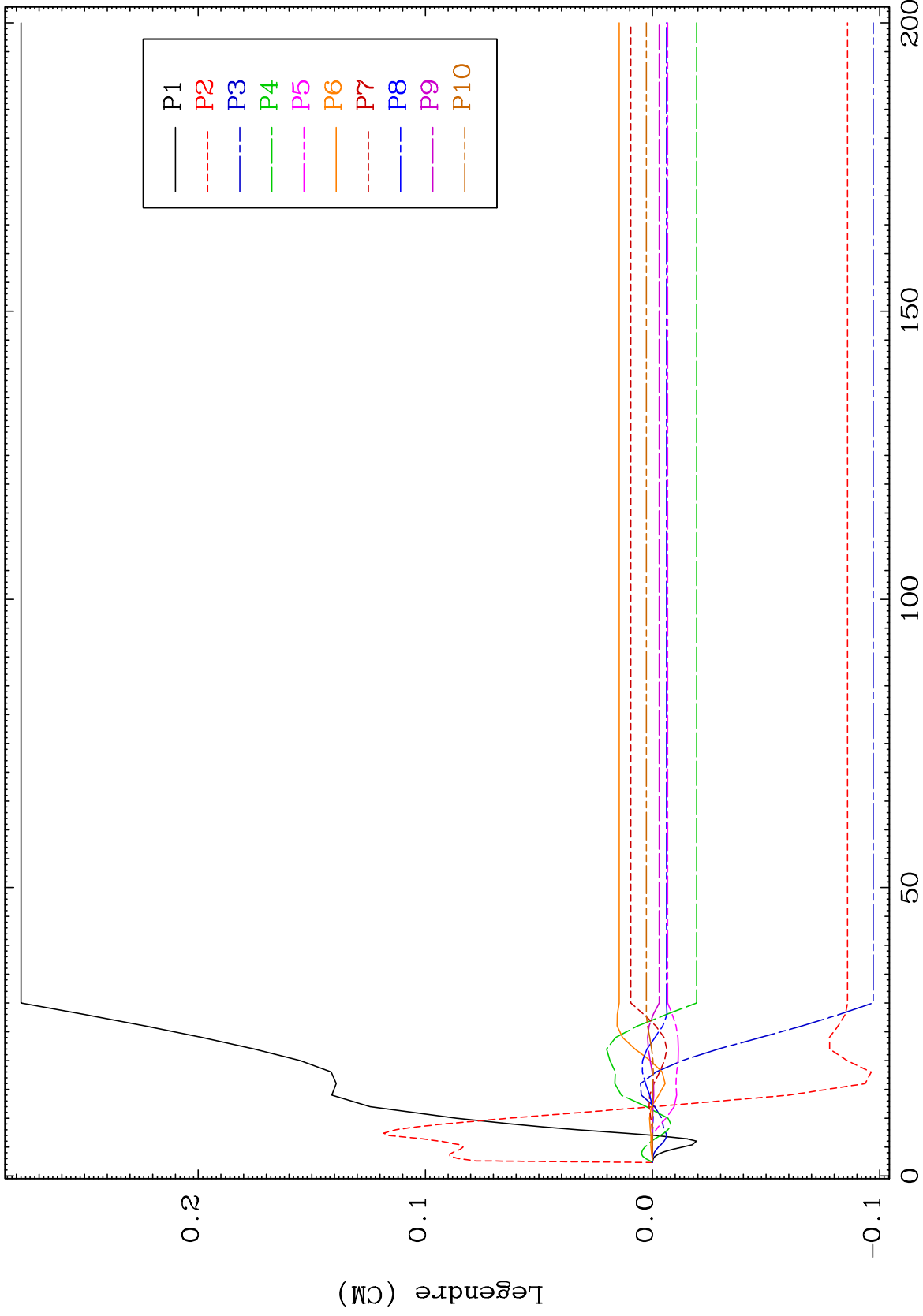
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



65

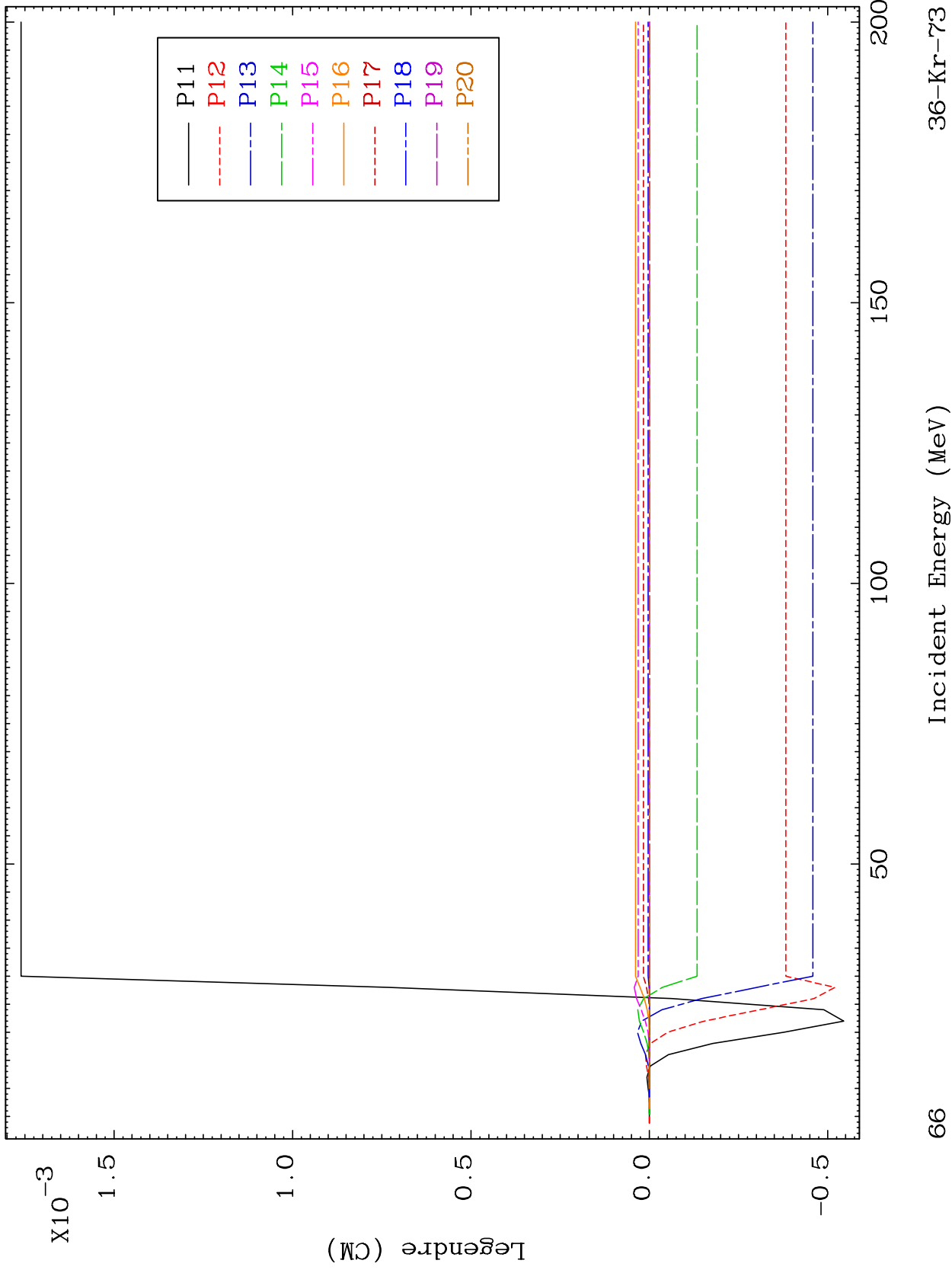
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

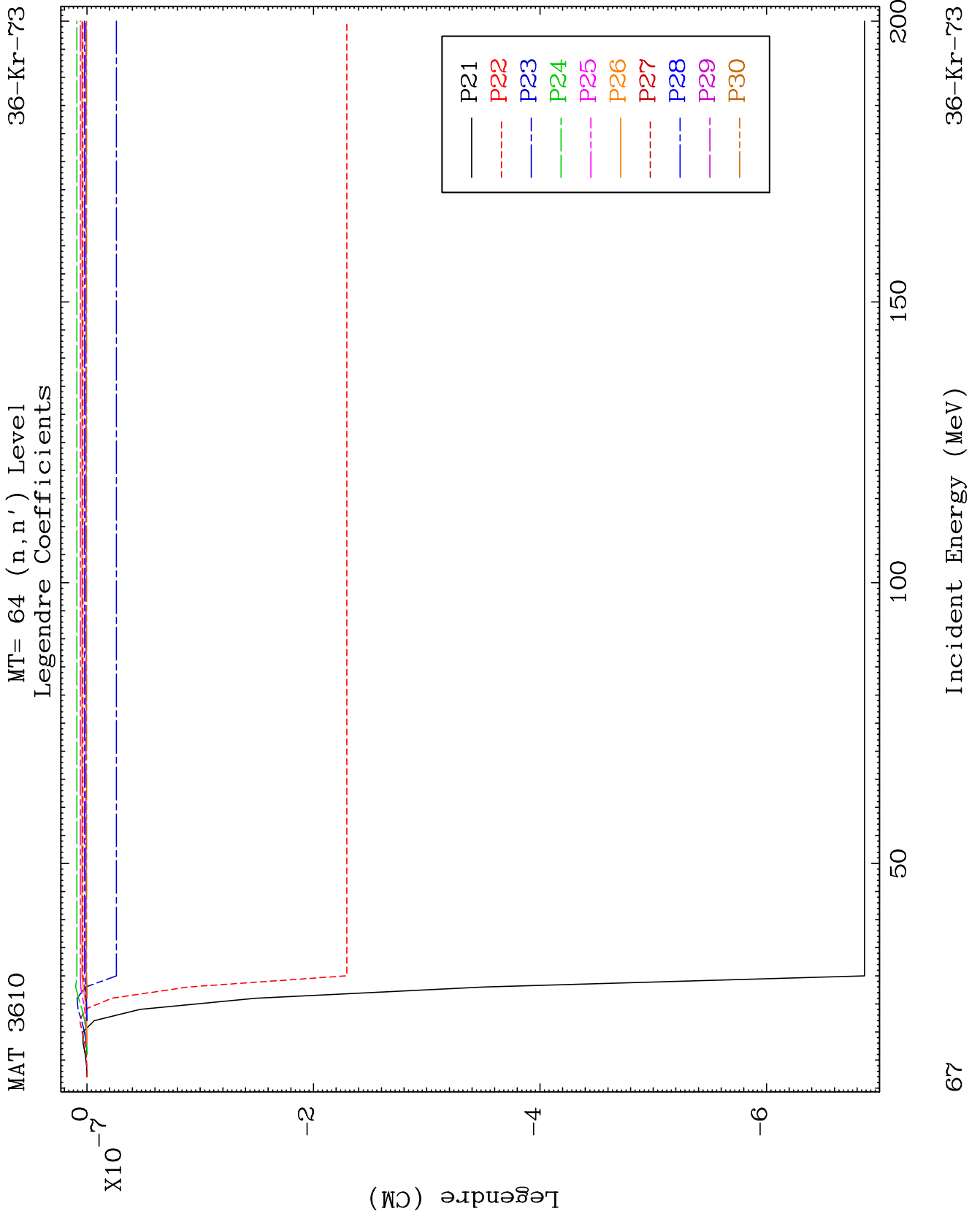
36-Kr-73



66

Incident Energy (MeV)

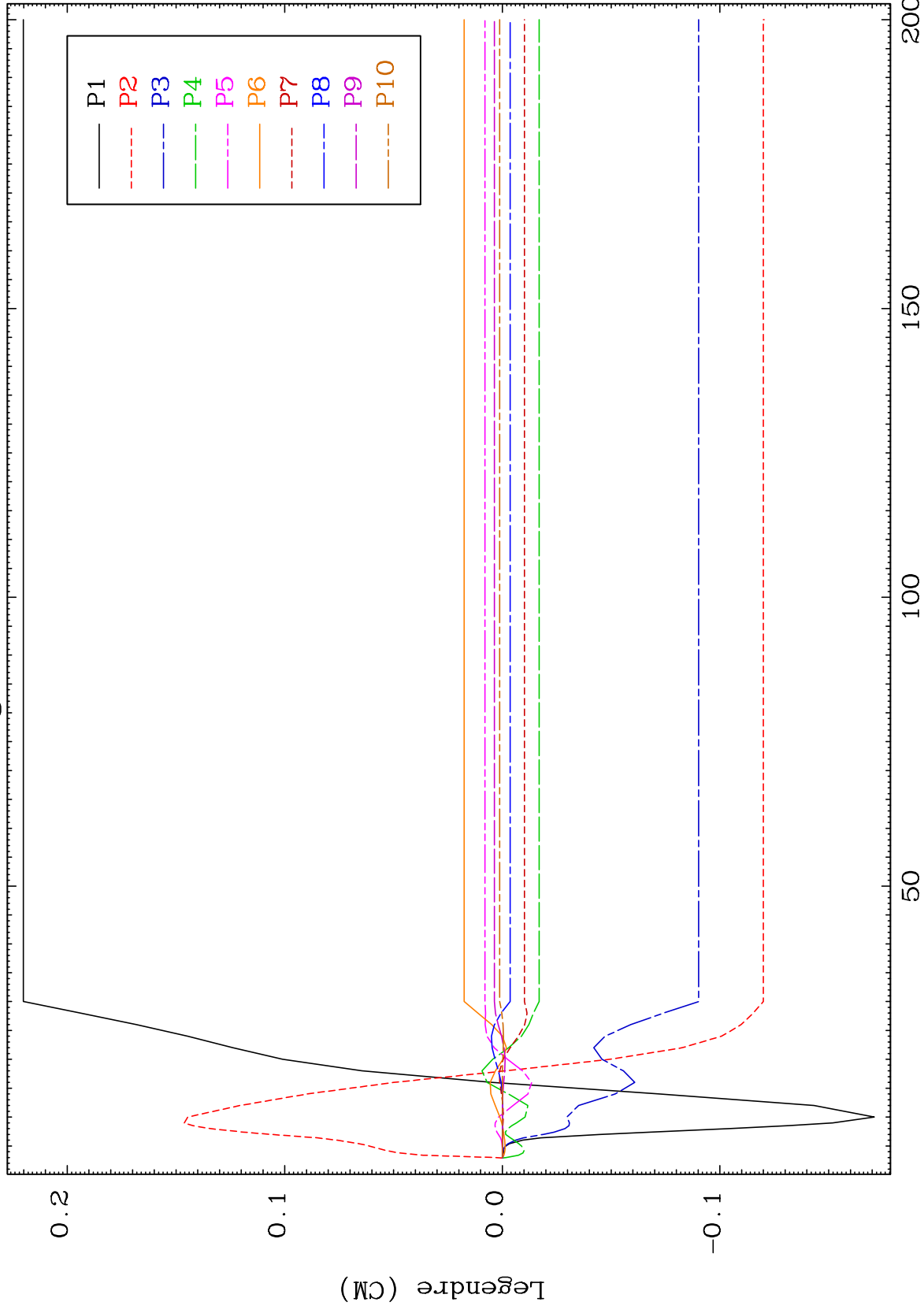
36-Kr-73



MAT 3610

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

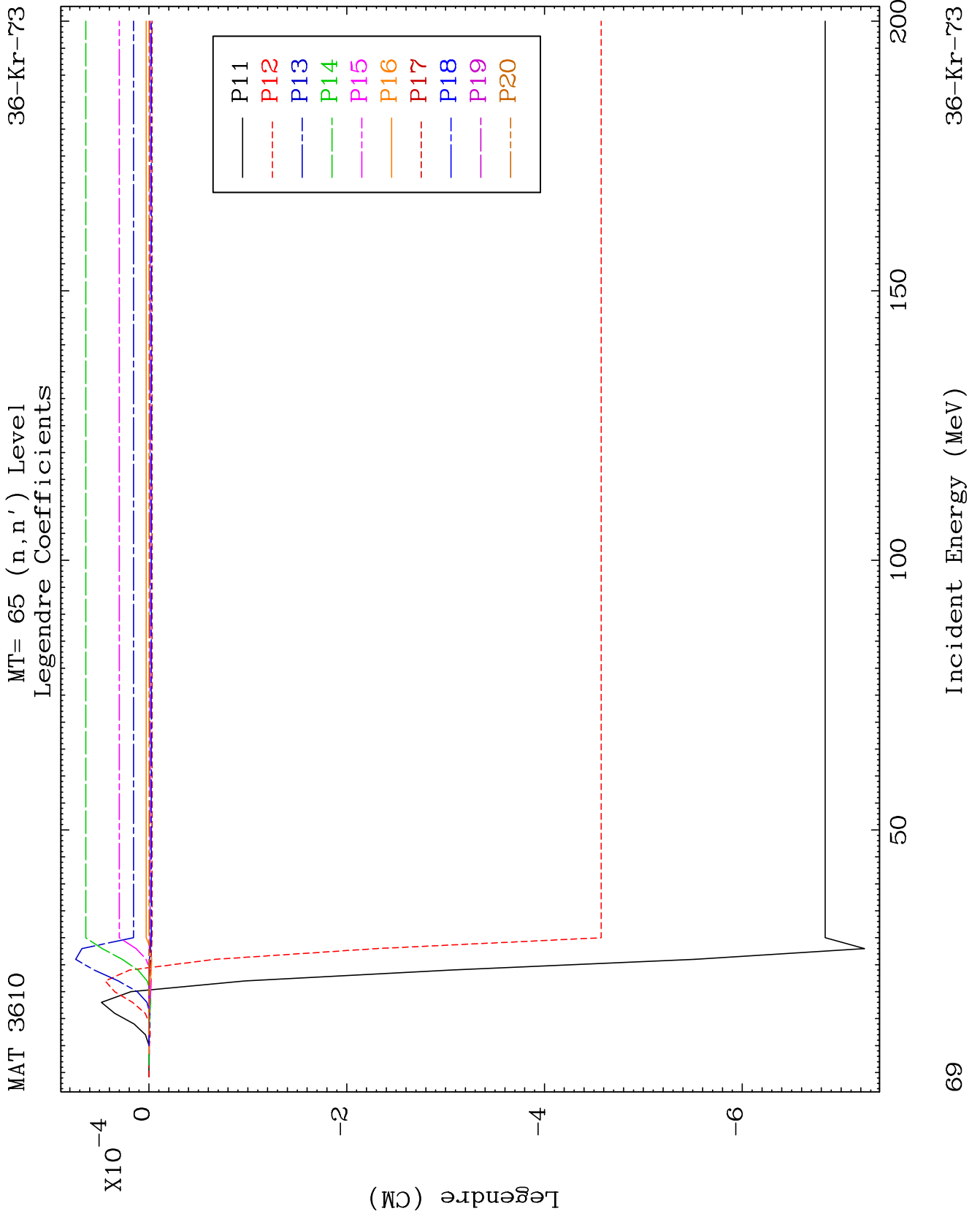
36-Kr-73



68

Incident Energy (MeV)

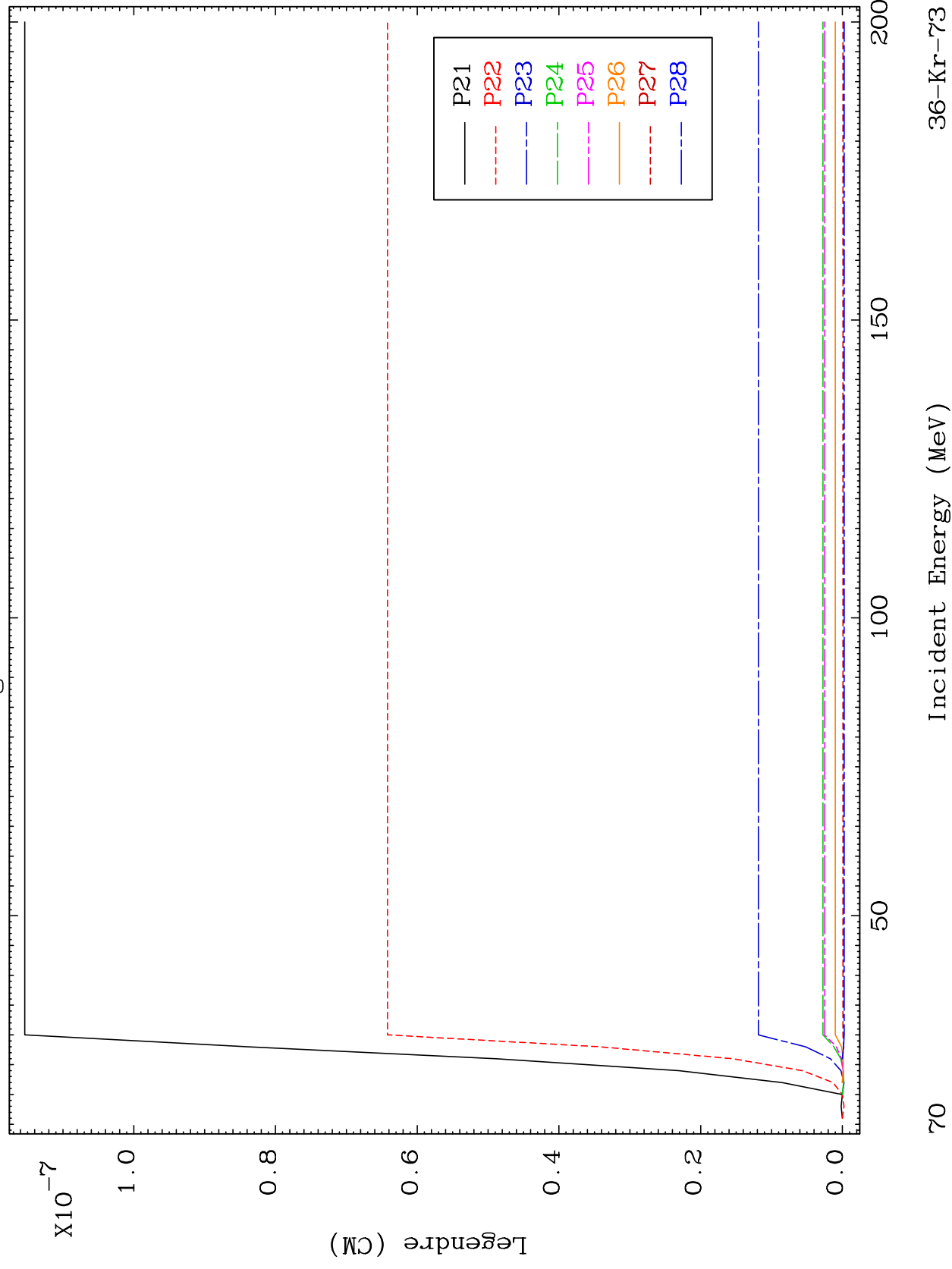
36-Kr-73



MAT 3610

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

36-Kr-73



70

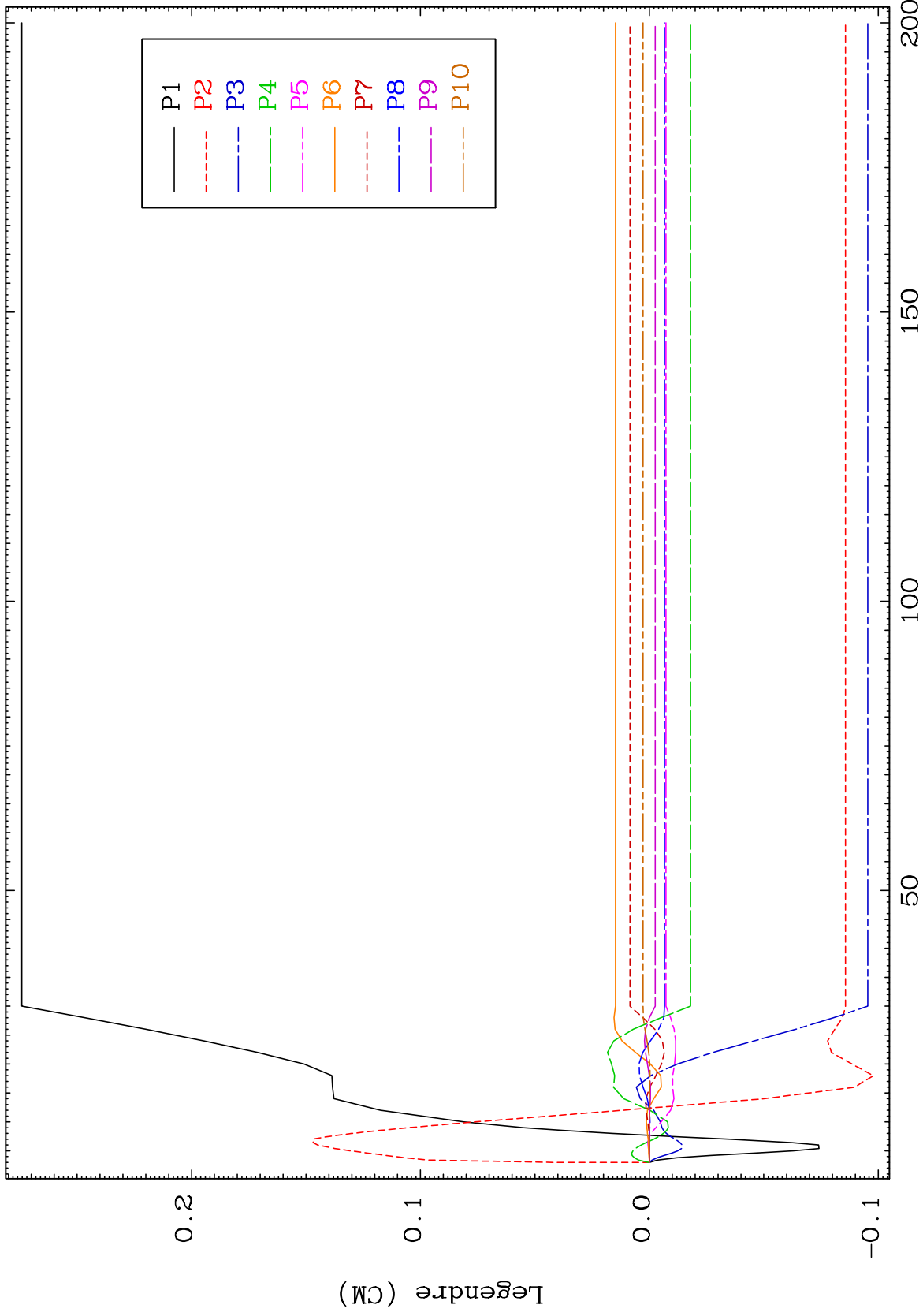
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



71

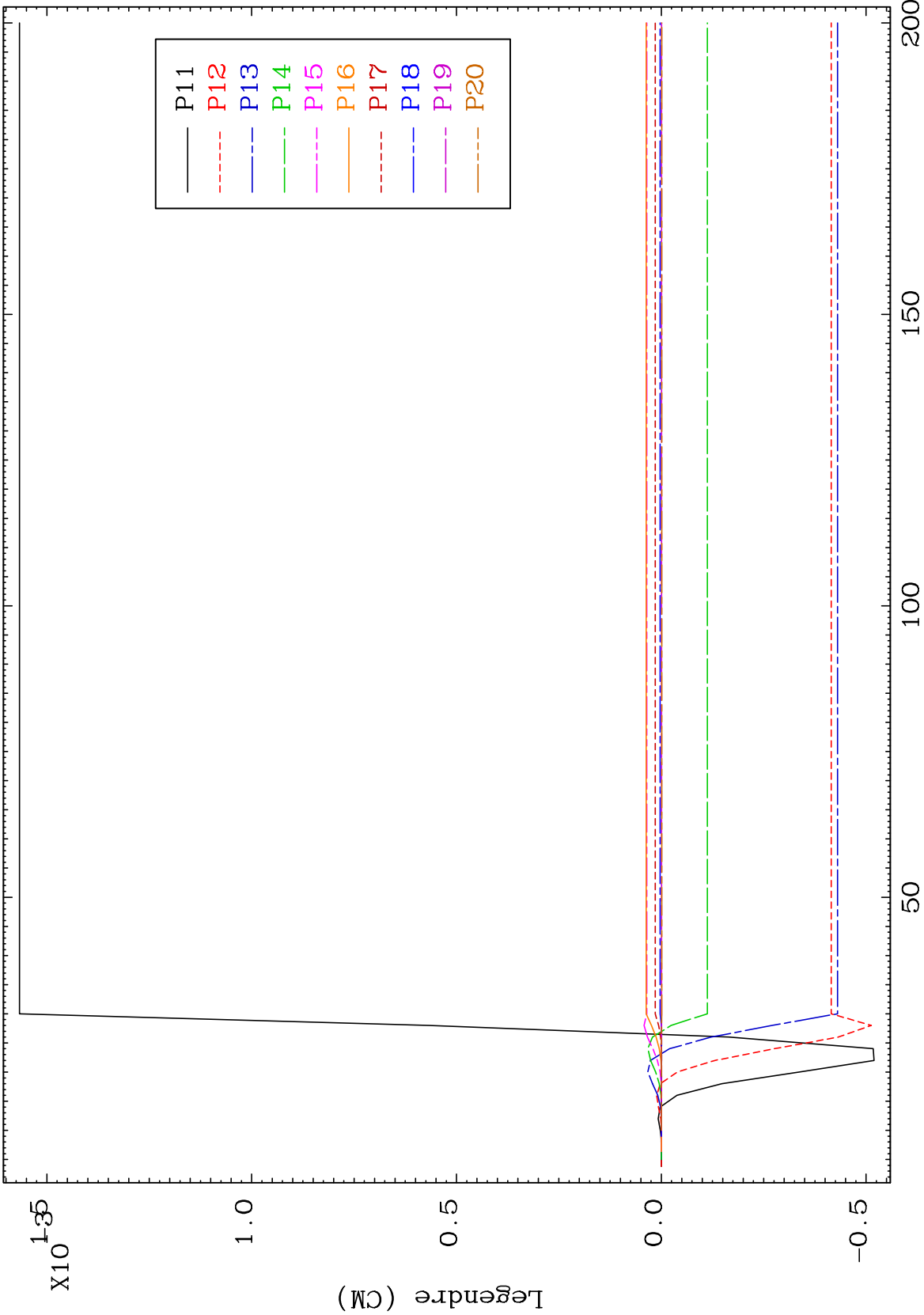
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



72

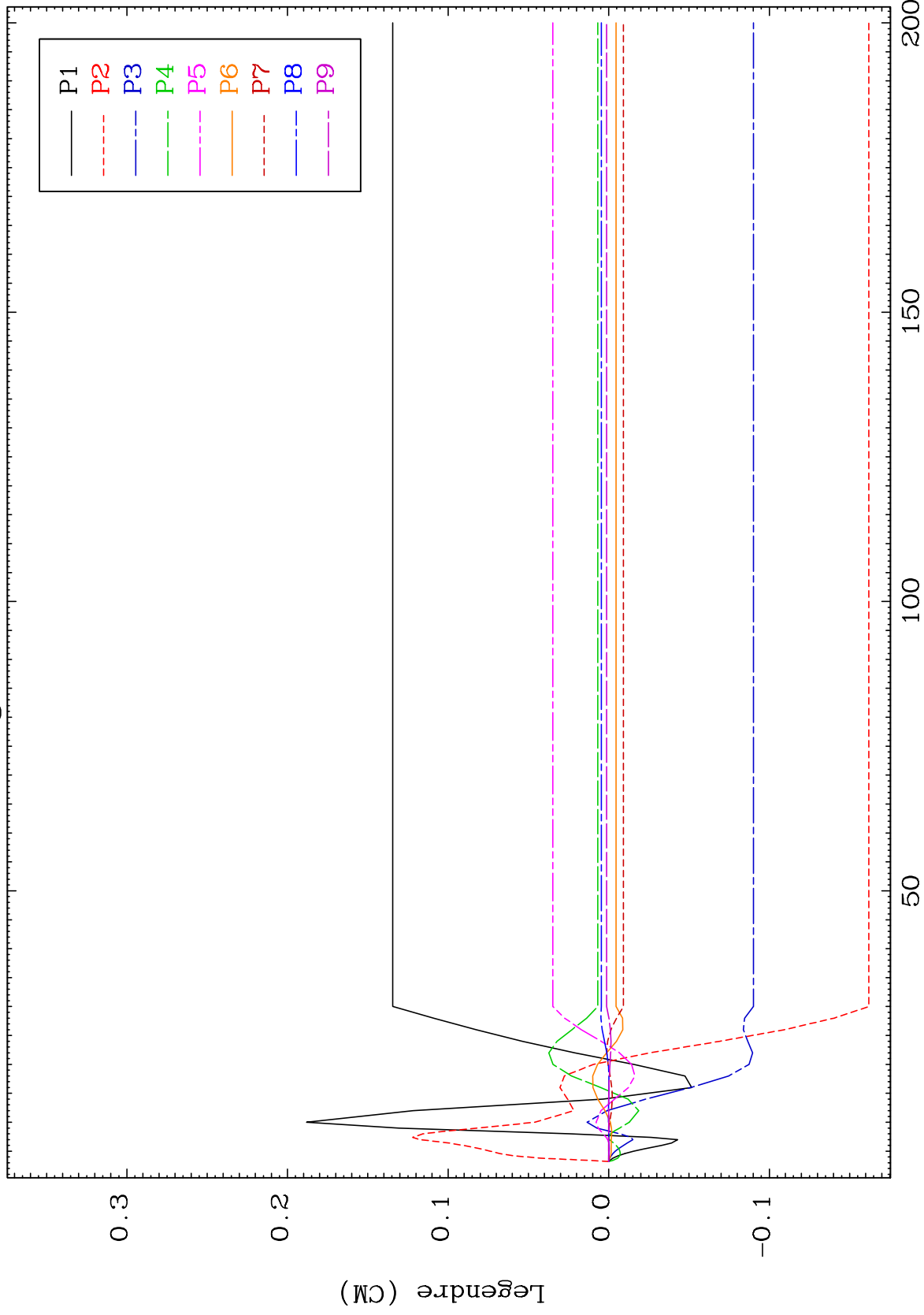
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



74

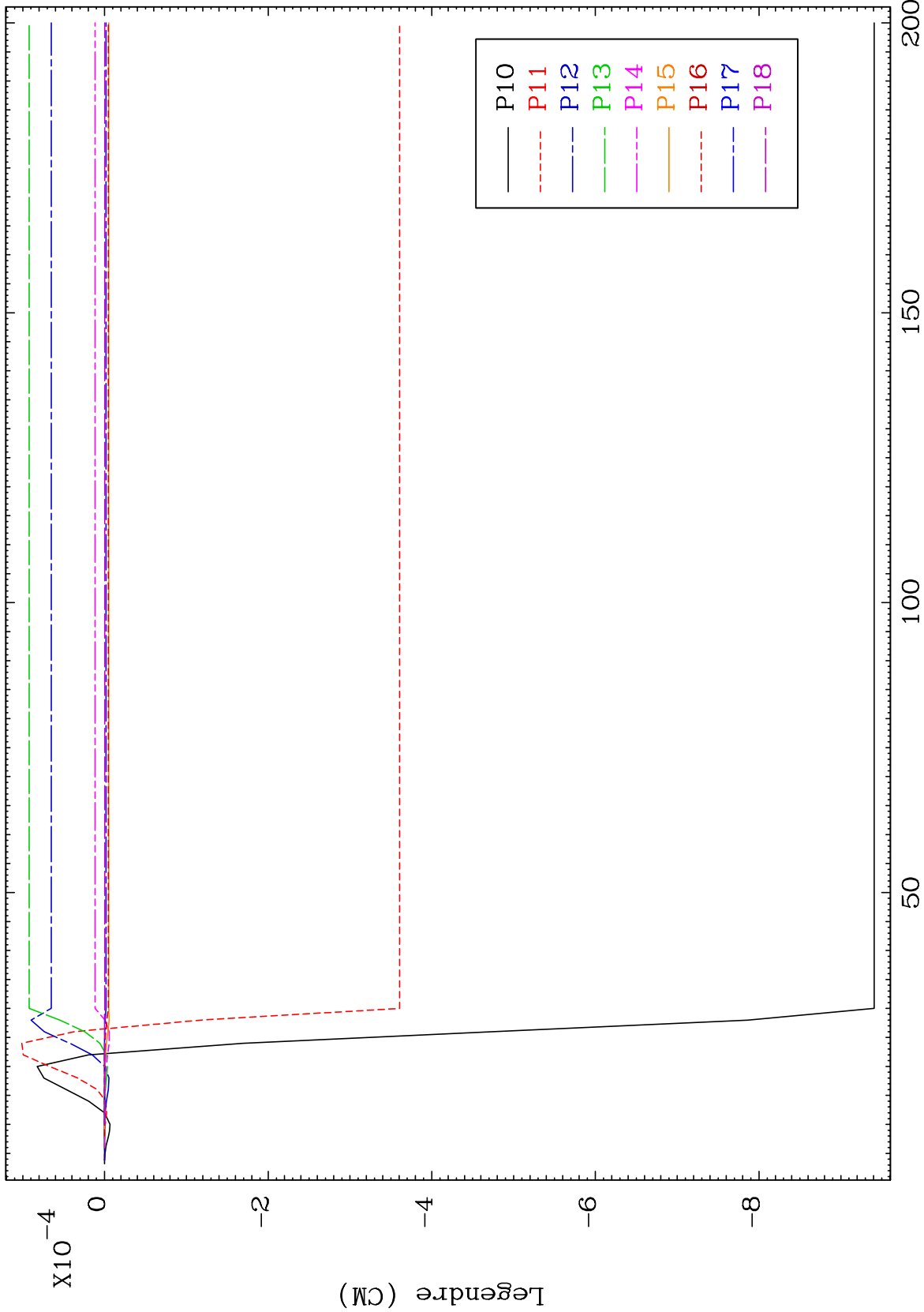
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



75

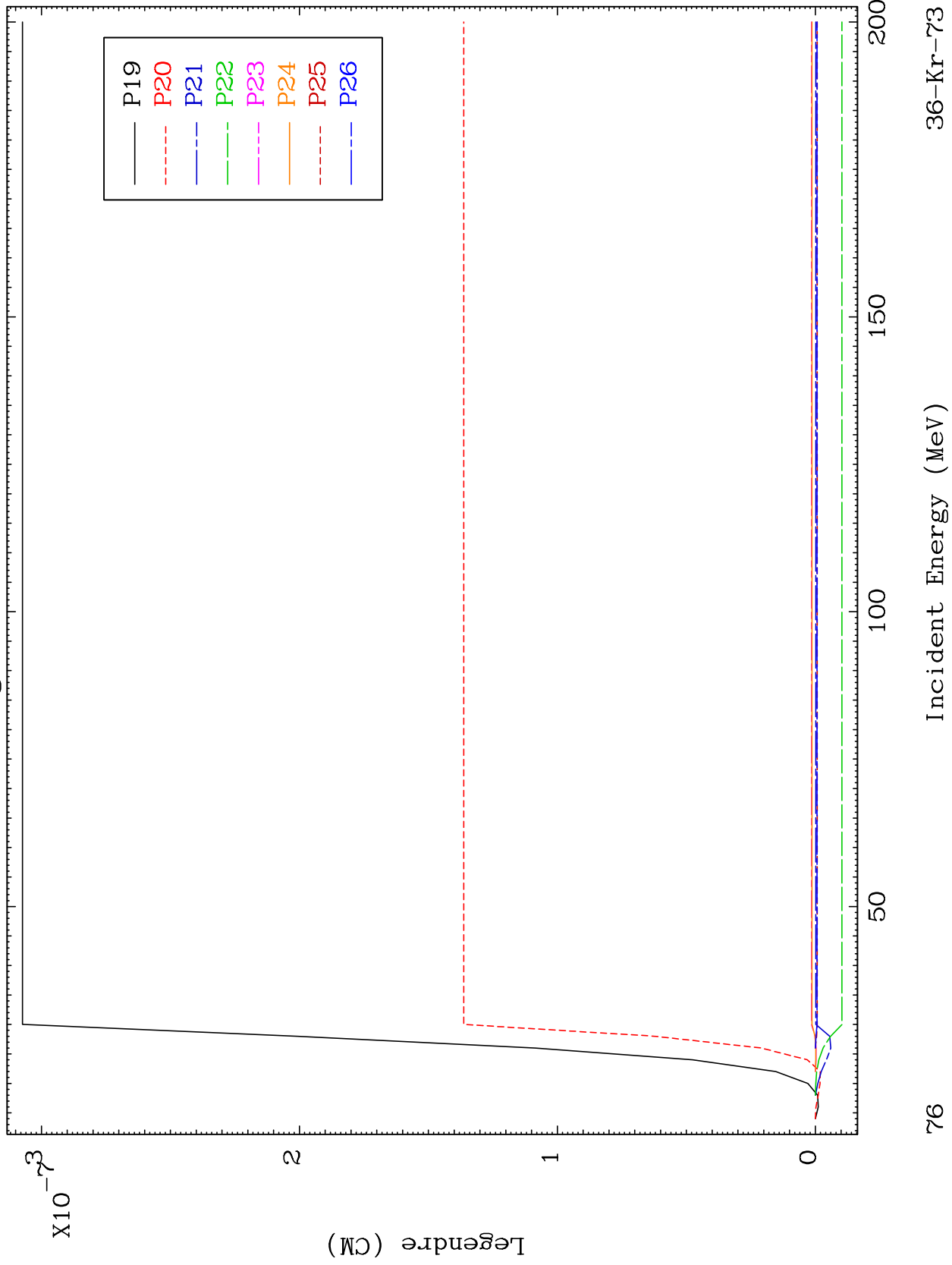
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



76

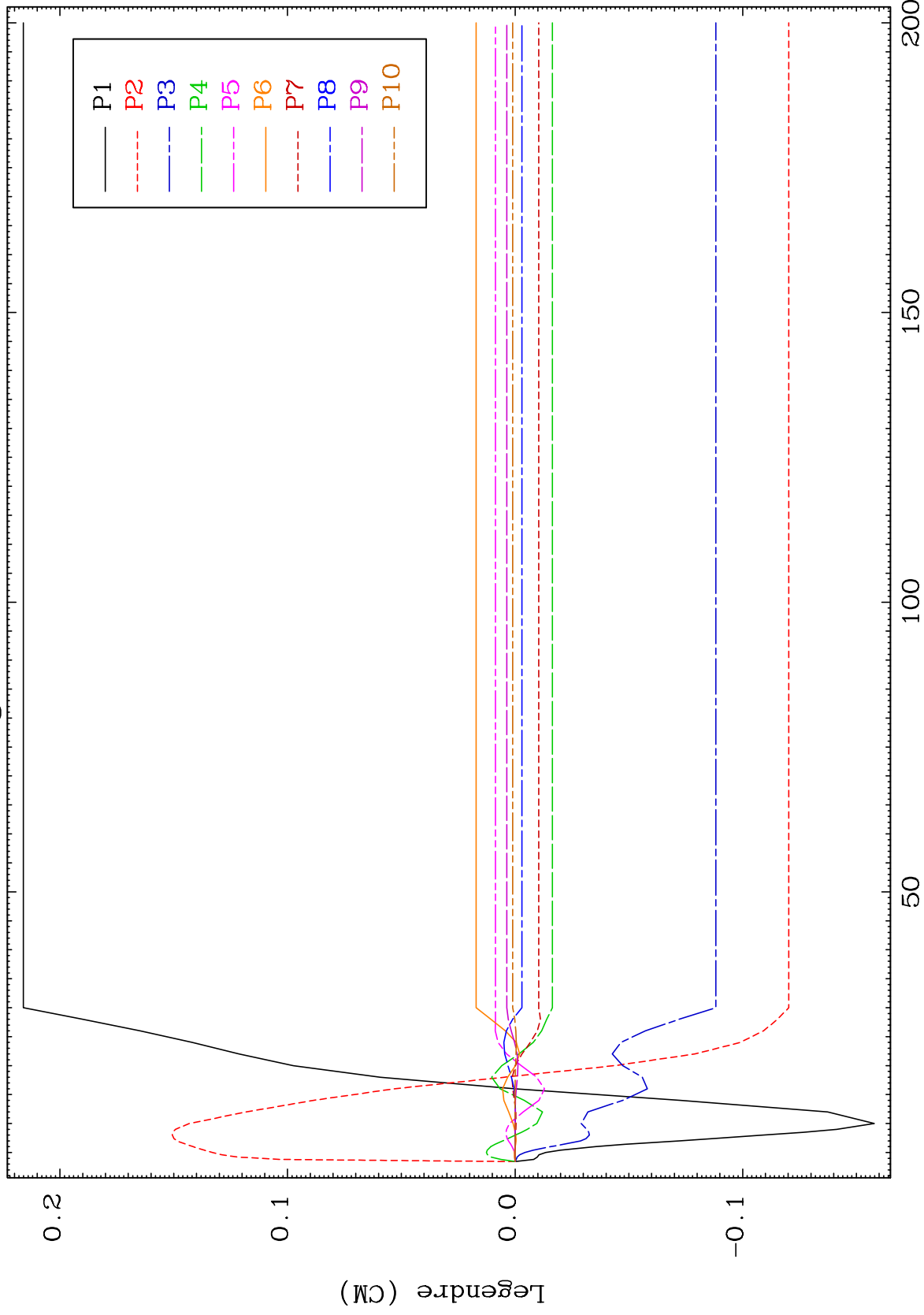
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



77

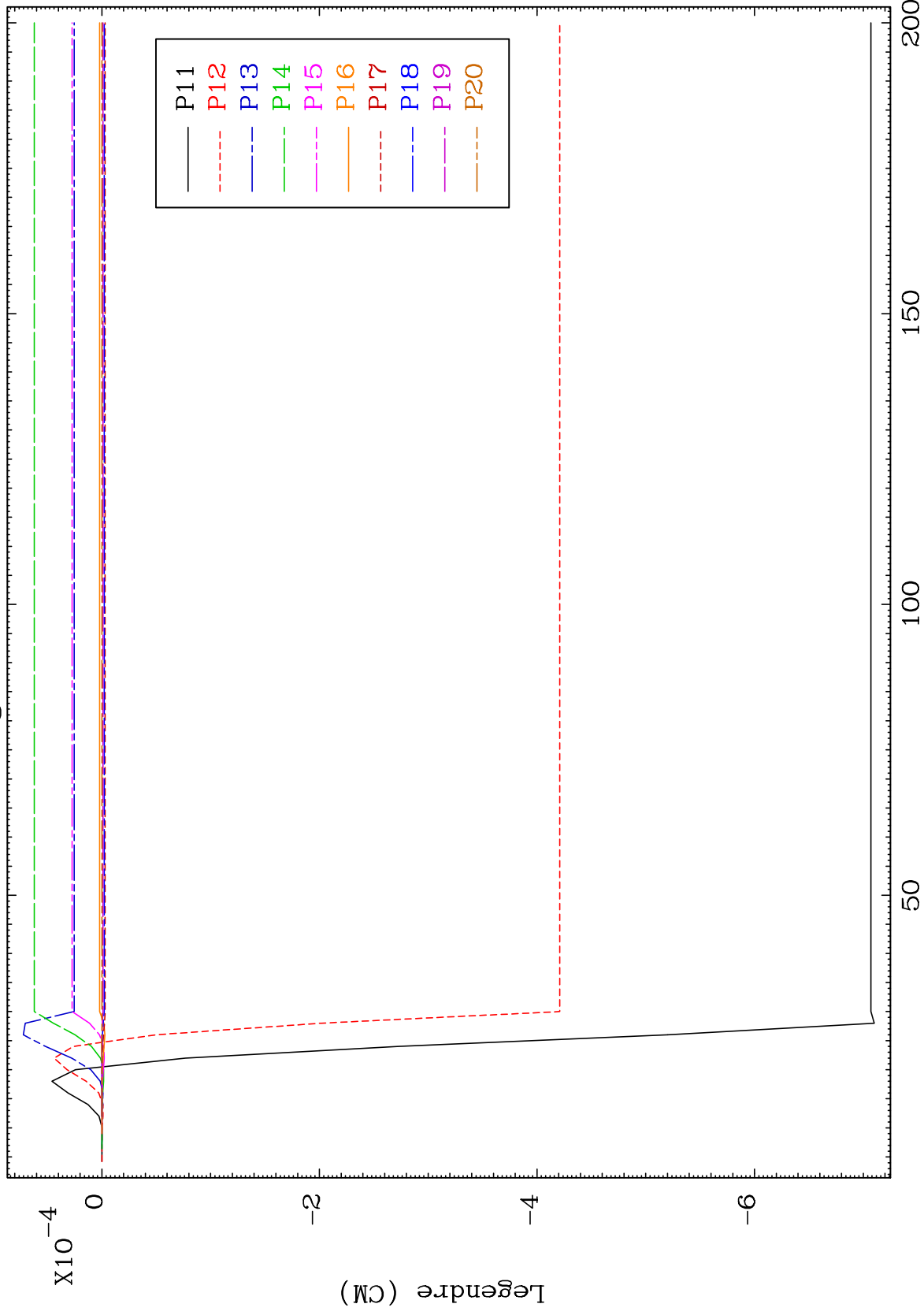
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



78

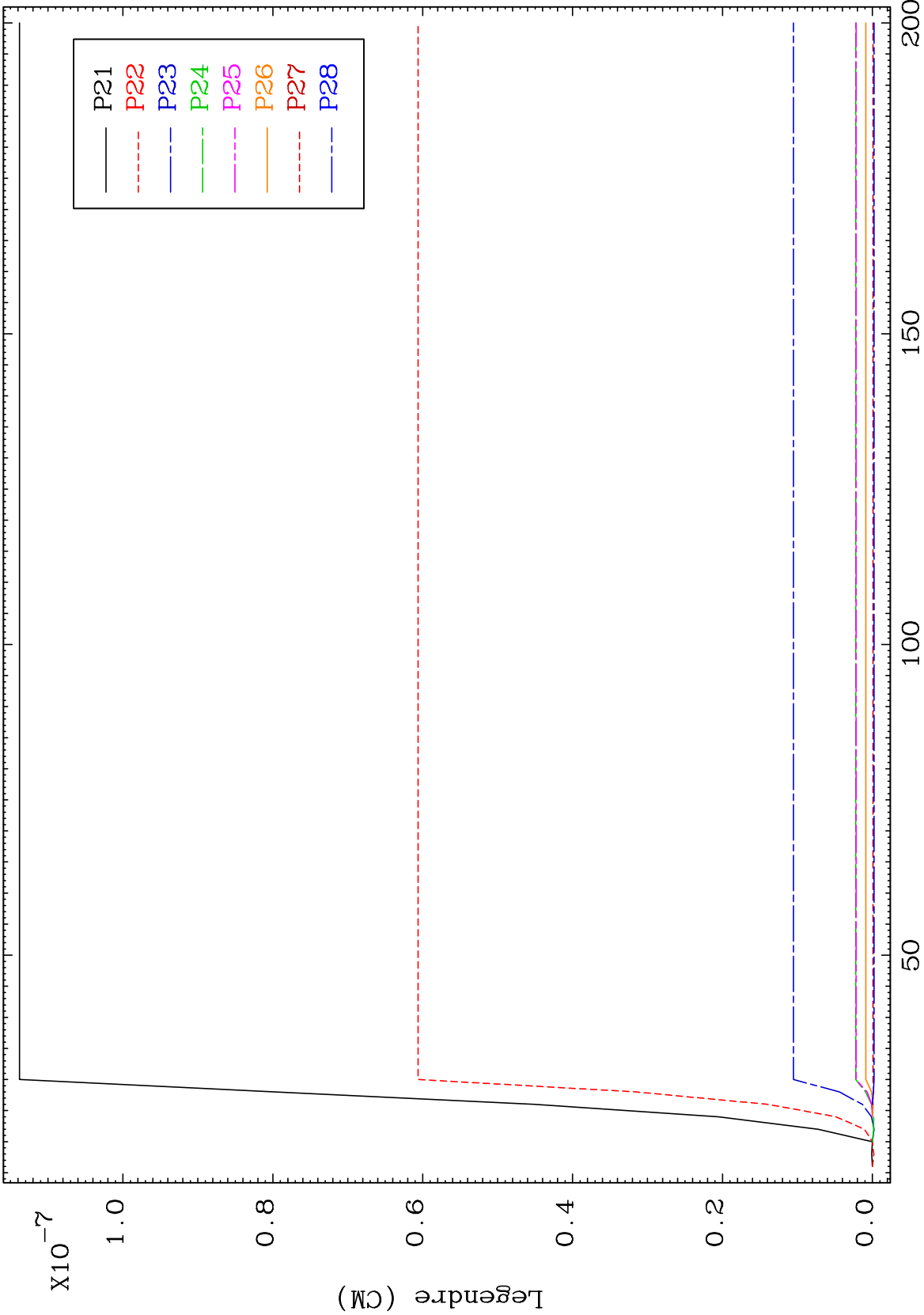
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



79

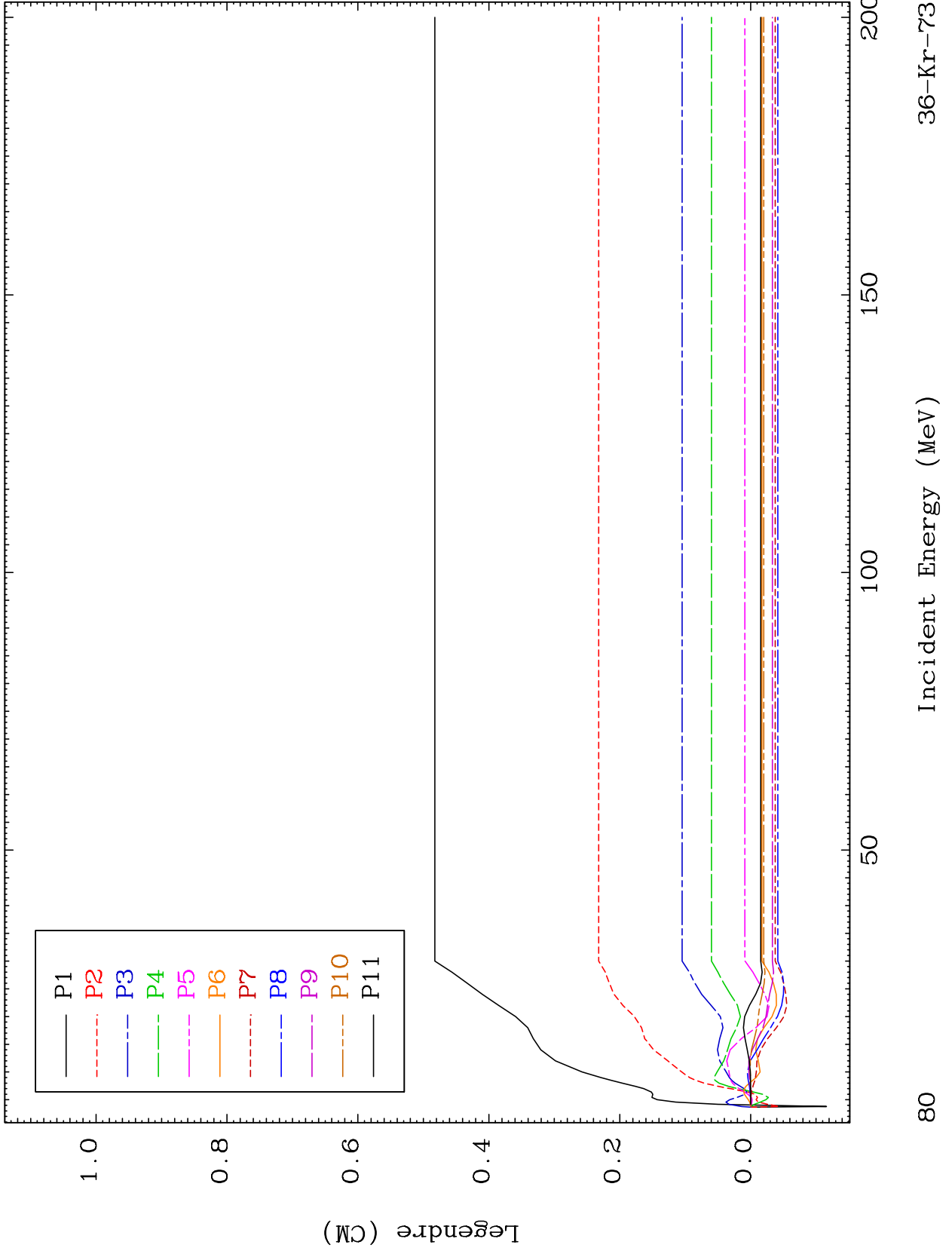
Incident Energy (MeV)

36-Kr-73

MAT 3610

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

36-Kr-73



80

Incident Energy (MeV)

36-Kr-73

50

100

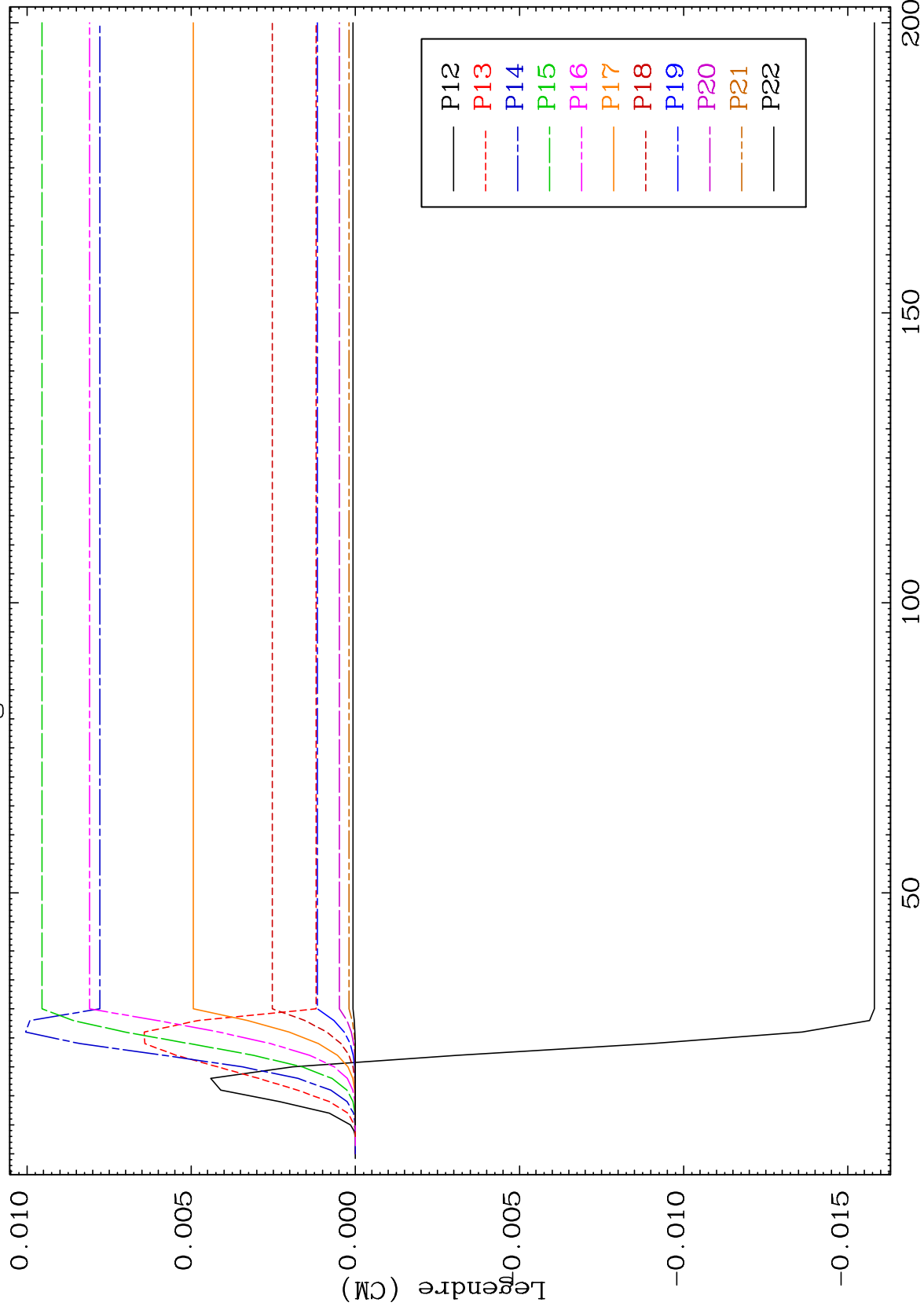
150

200

MAT 3610

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

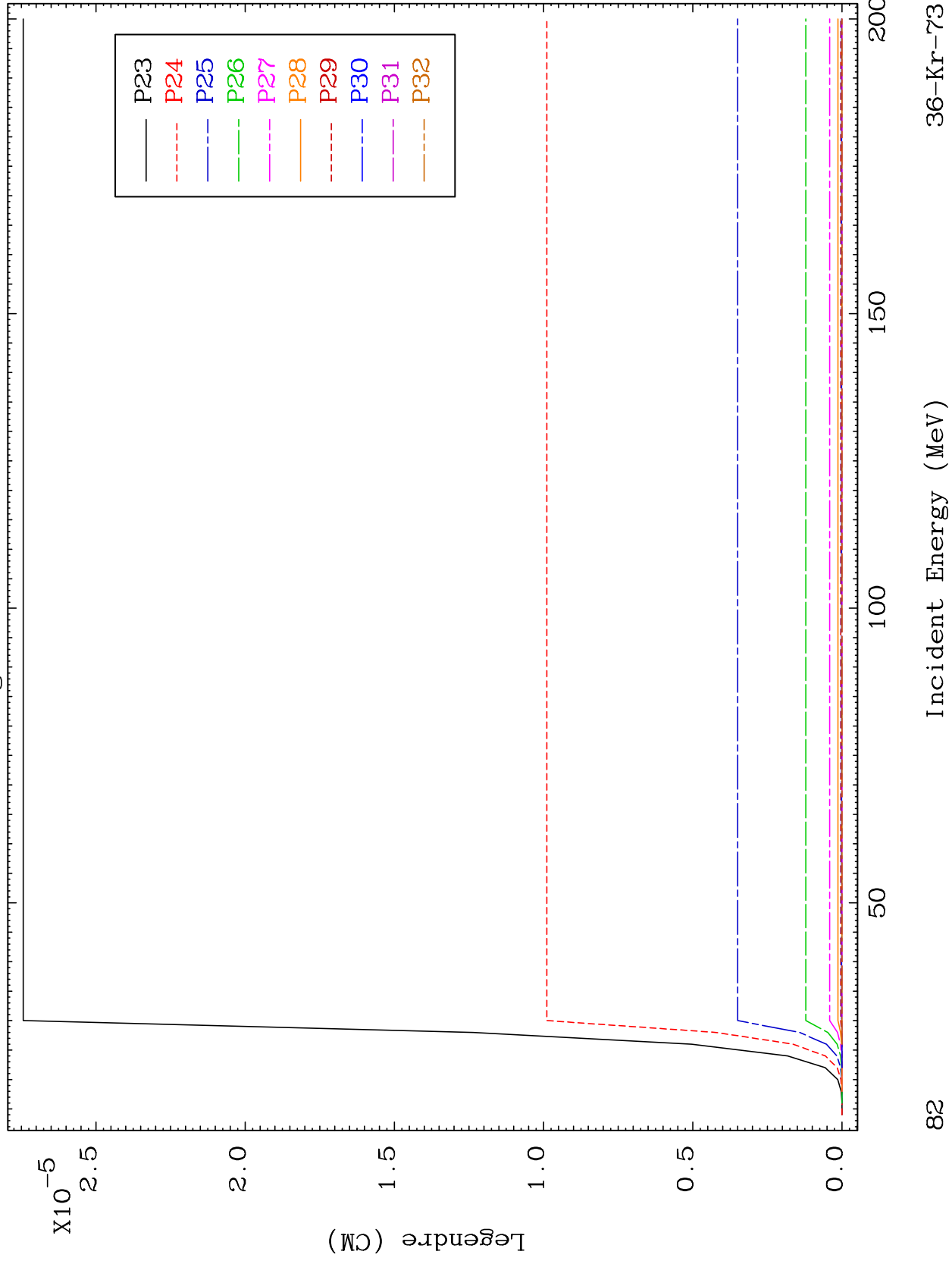
36-Kr-73



MAT 3610

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

36-Kr-73



82

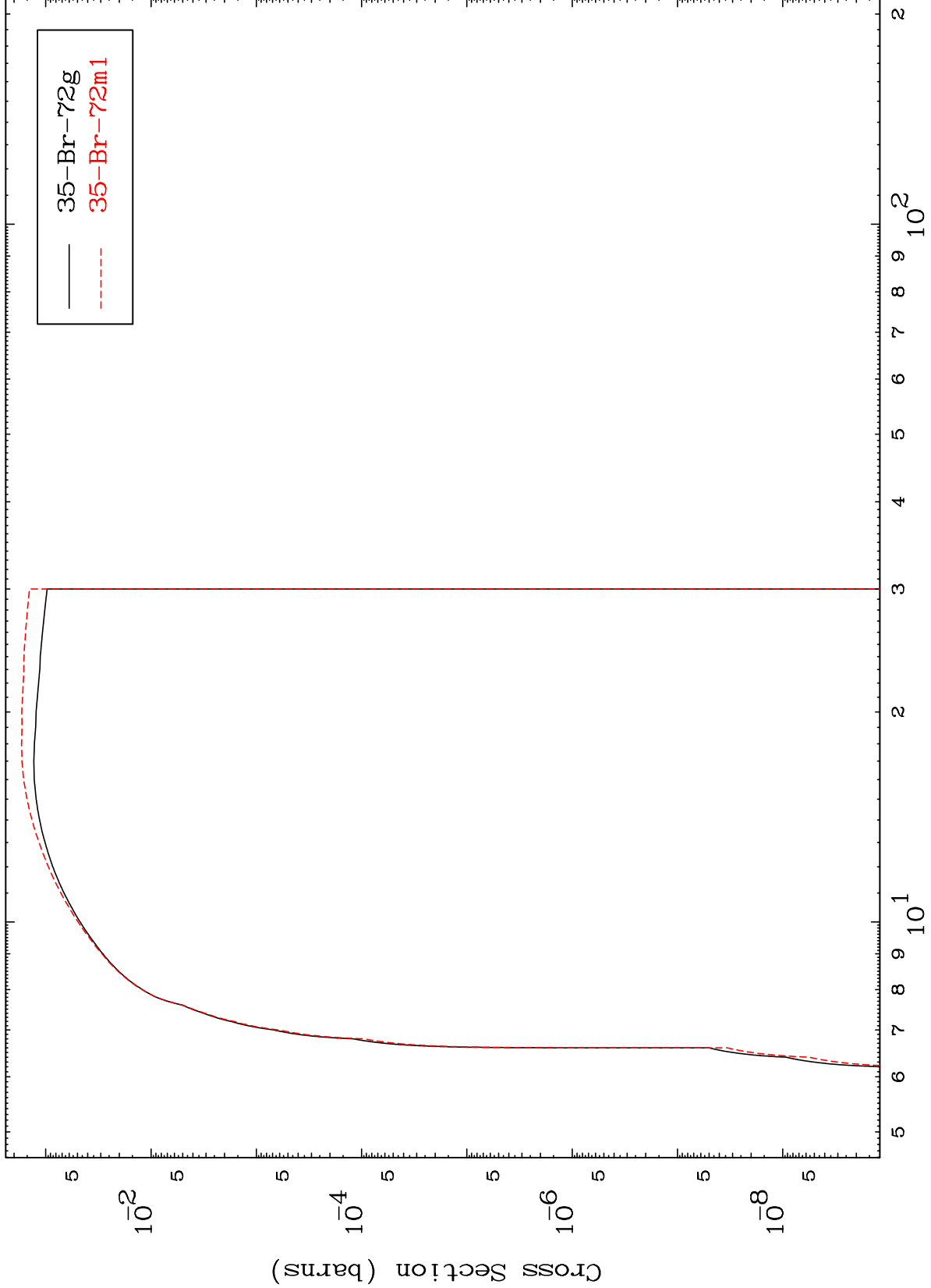
36-Kr-73

MAT 3610

(n, n') p

36-Kr-73

Radionuclide Production Cross Section



83

Incident Energy (MeV)

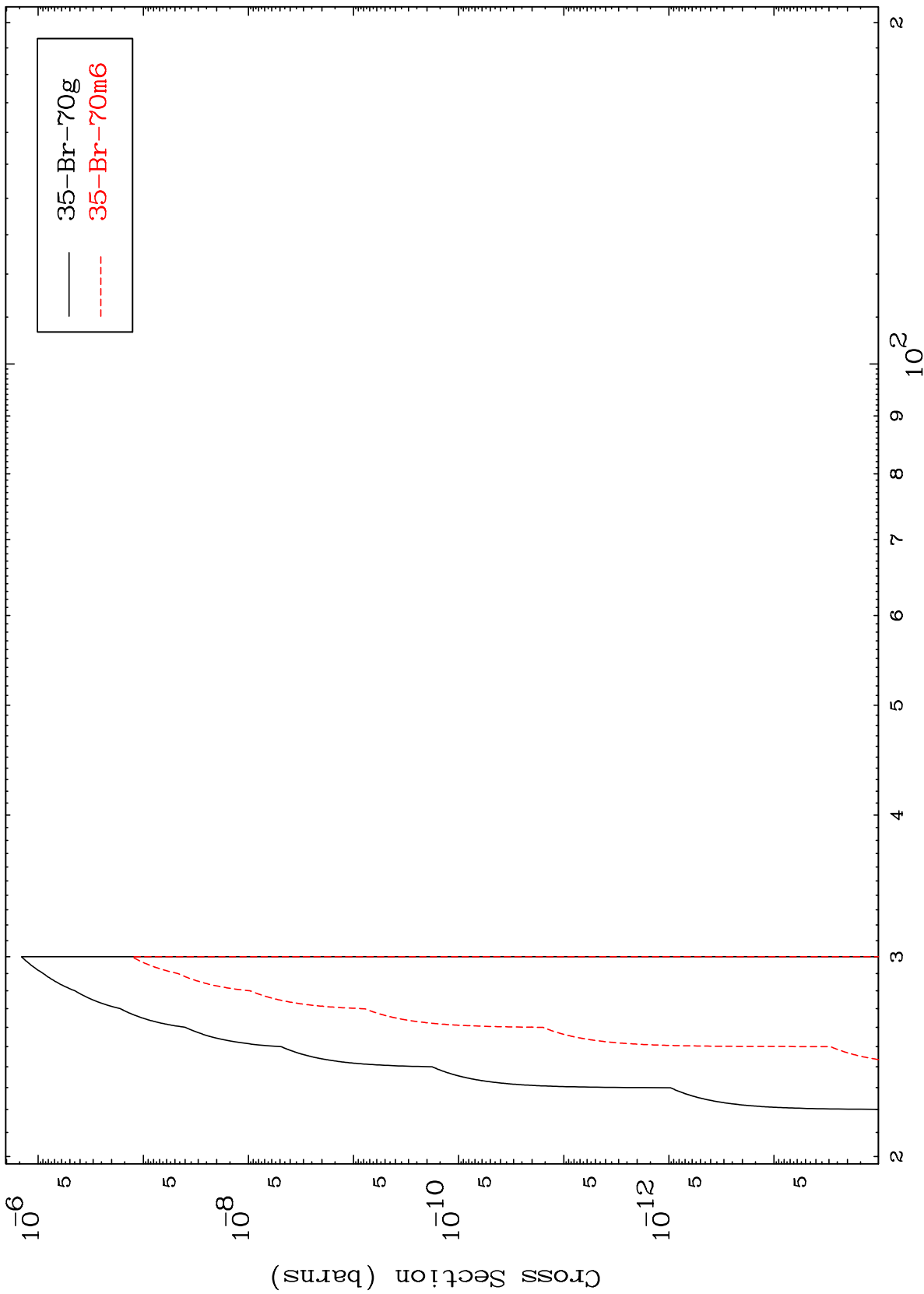
36-Kr-73

MAT 3610

(n,n') t

36-Kr-73

Radionuclide Production Cross Section



84

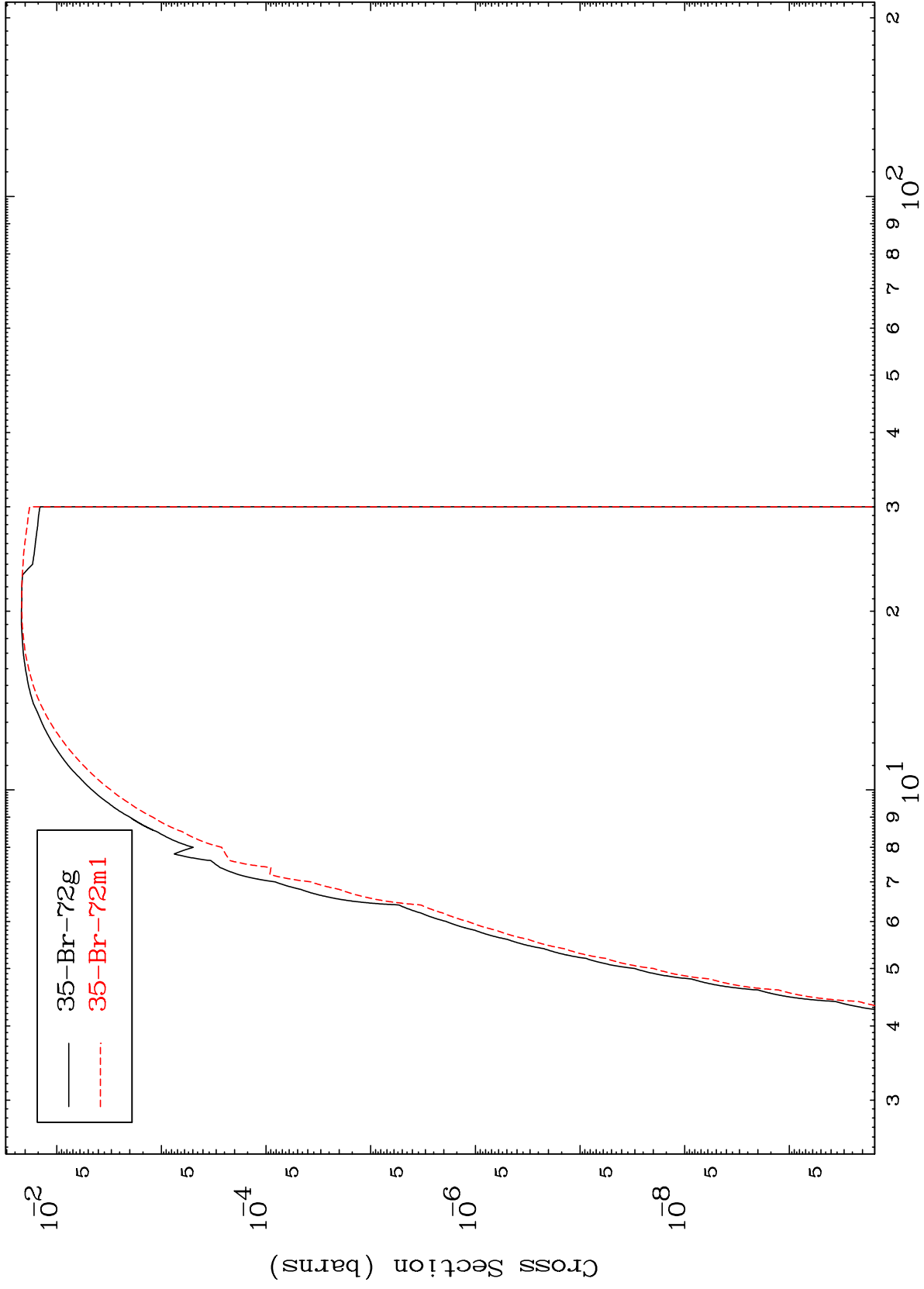
Incident Energy (MeV)

36-Kr-73

MAT 3610

36-Kr-73

(n,d)
Radionuclide Production Cross Section



85

Incident Energy (MeV)

36-Kr-73