

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

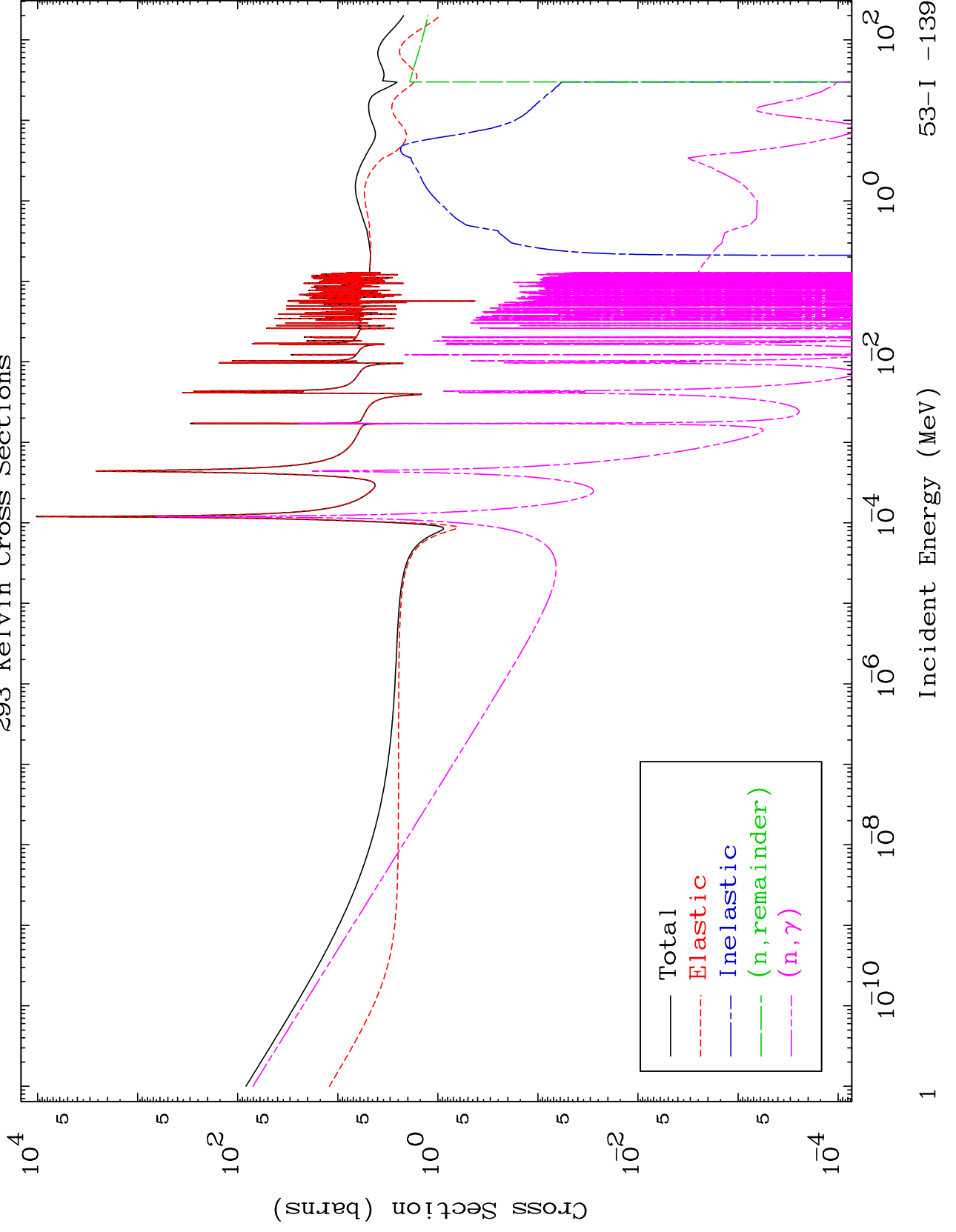
Press Mouse Button to Start

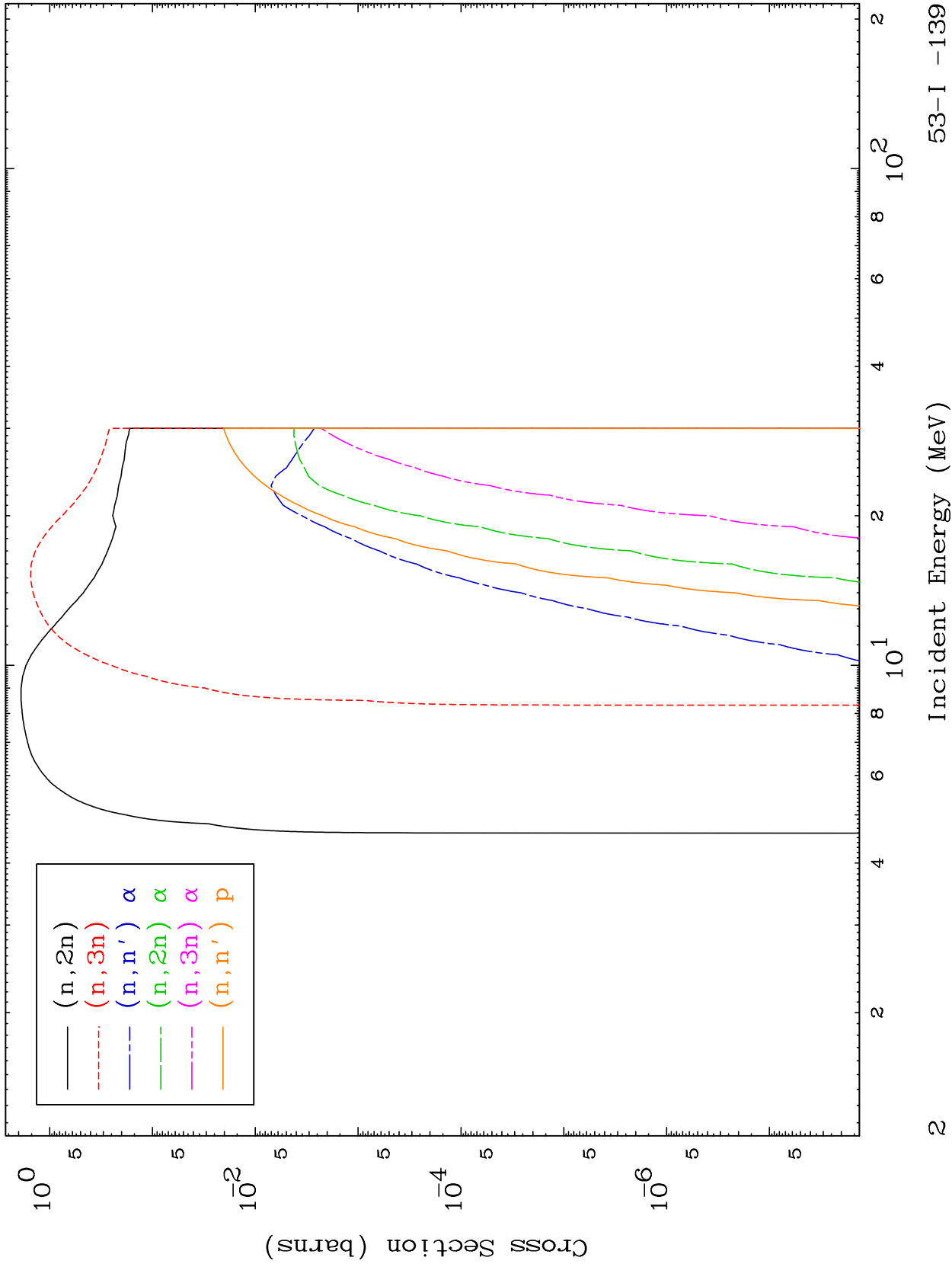
MAT 5361

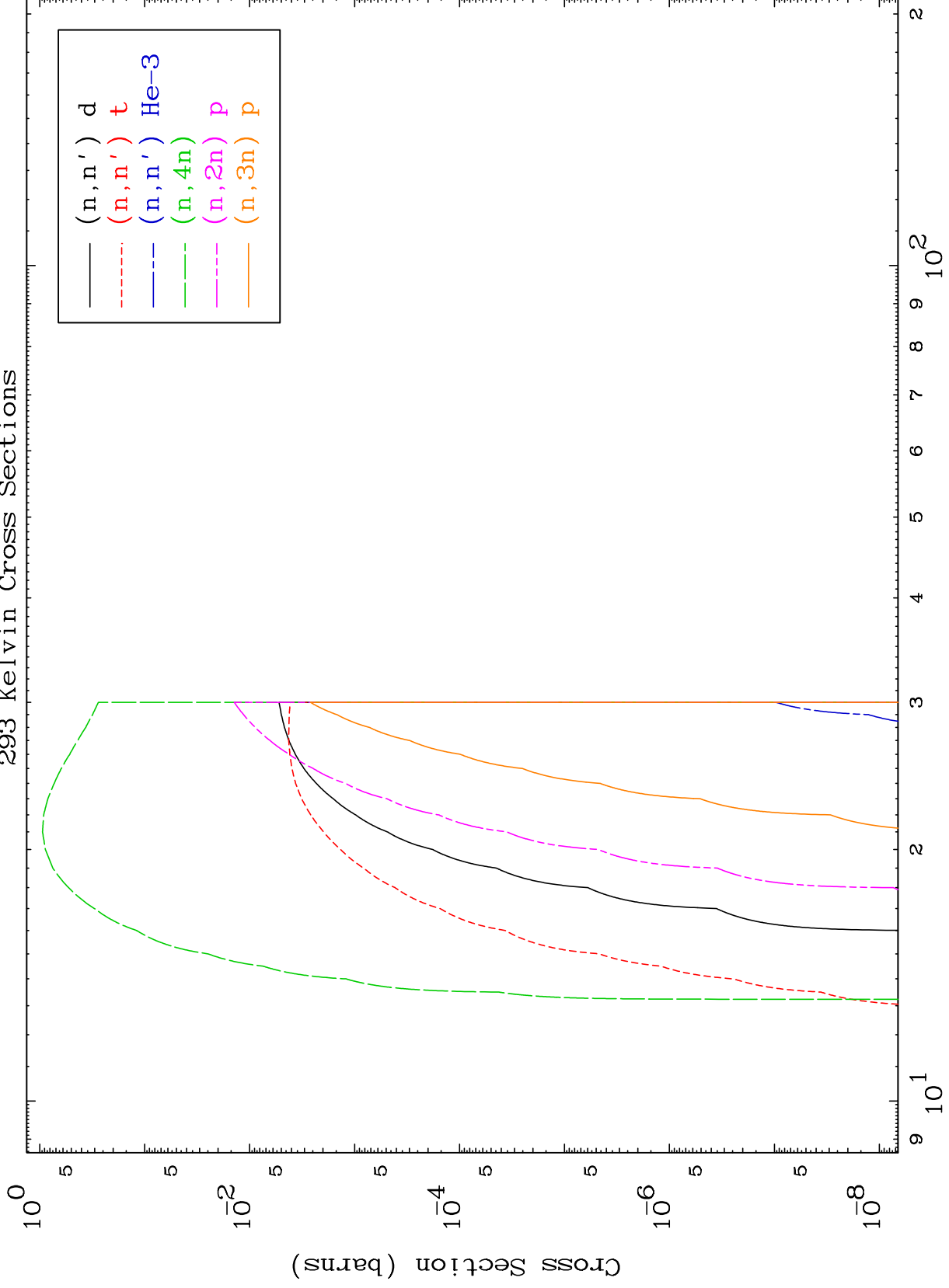
Major

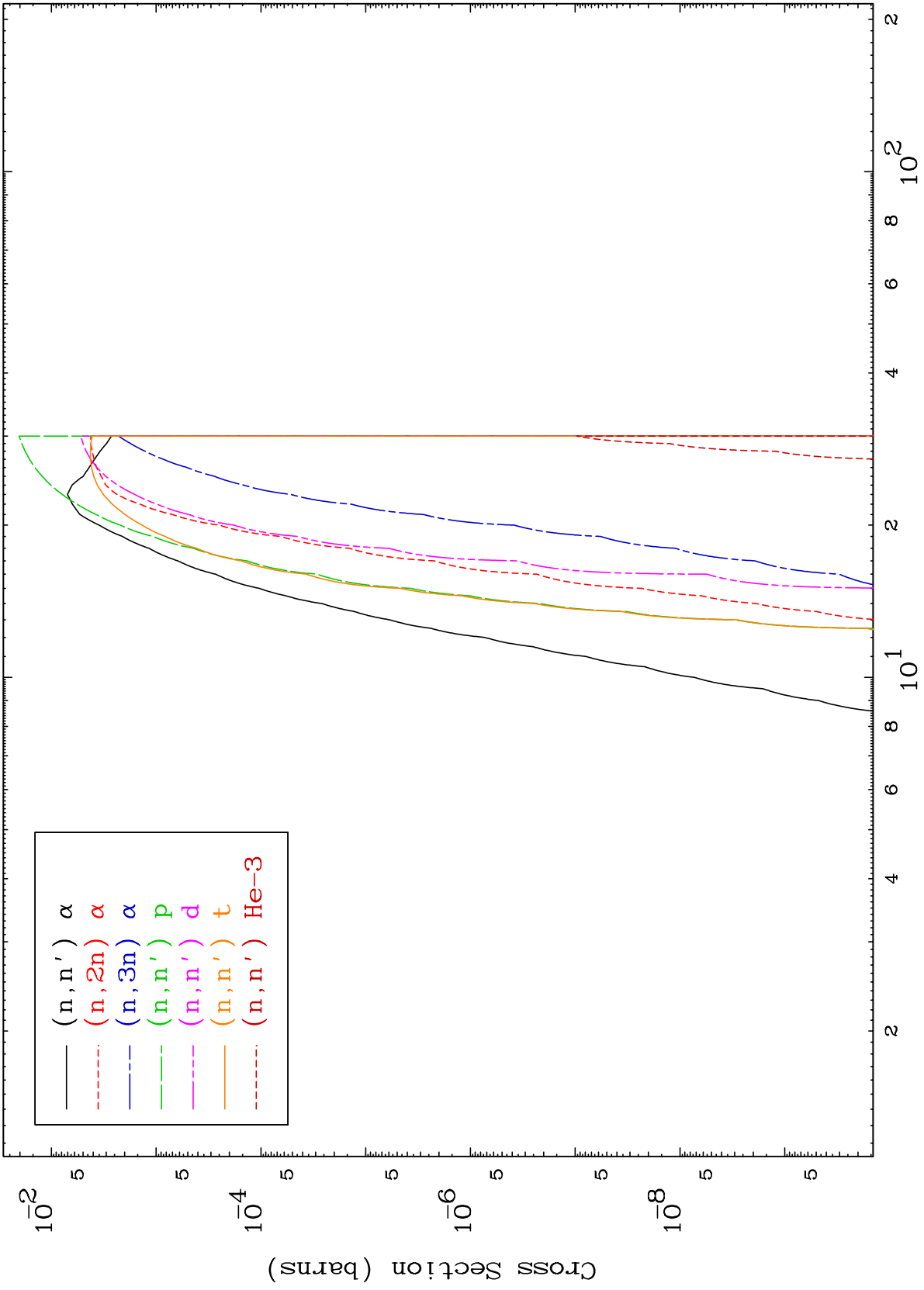
293 Kelvin Cross Sections

53-I -139





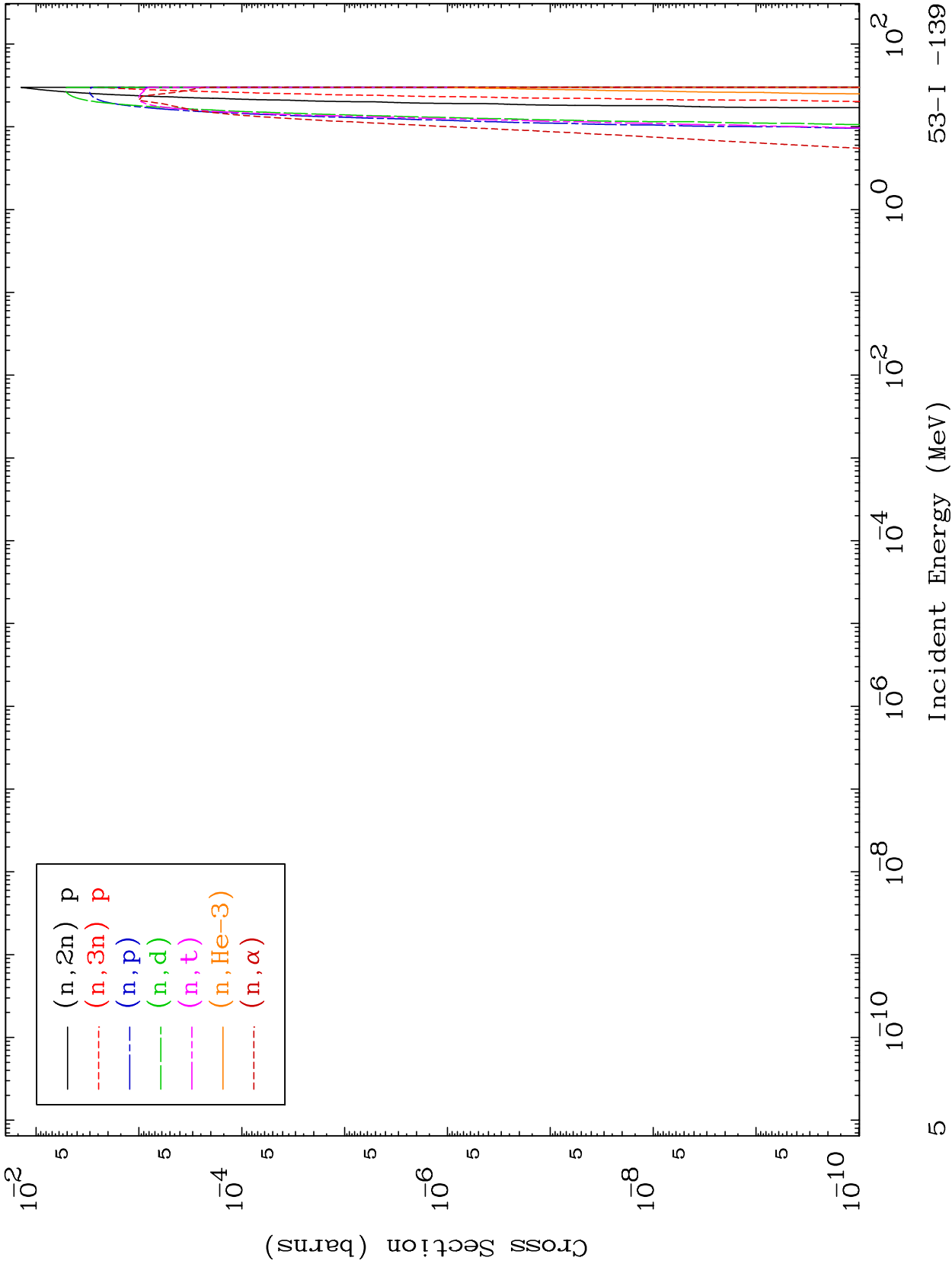


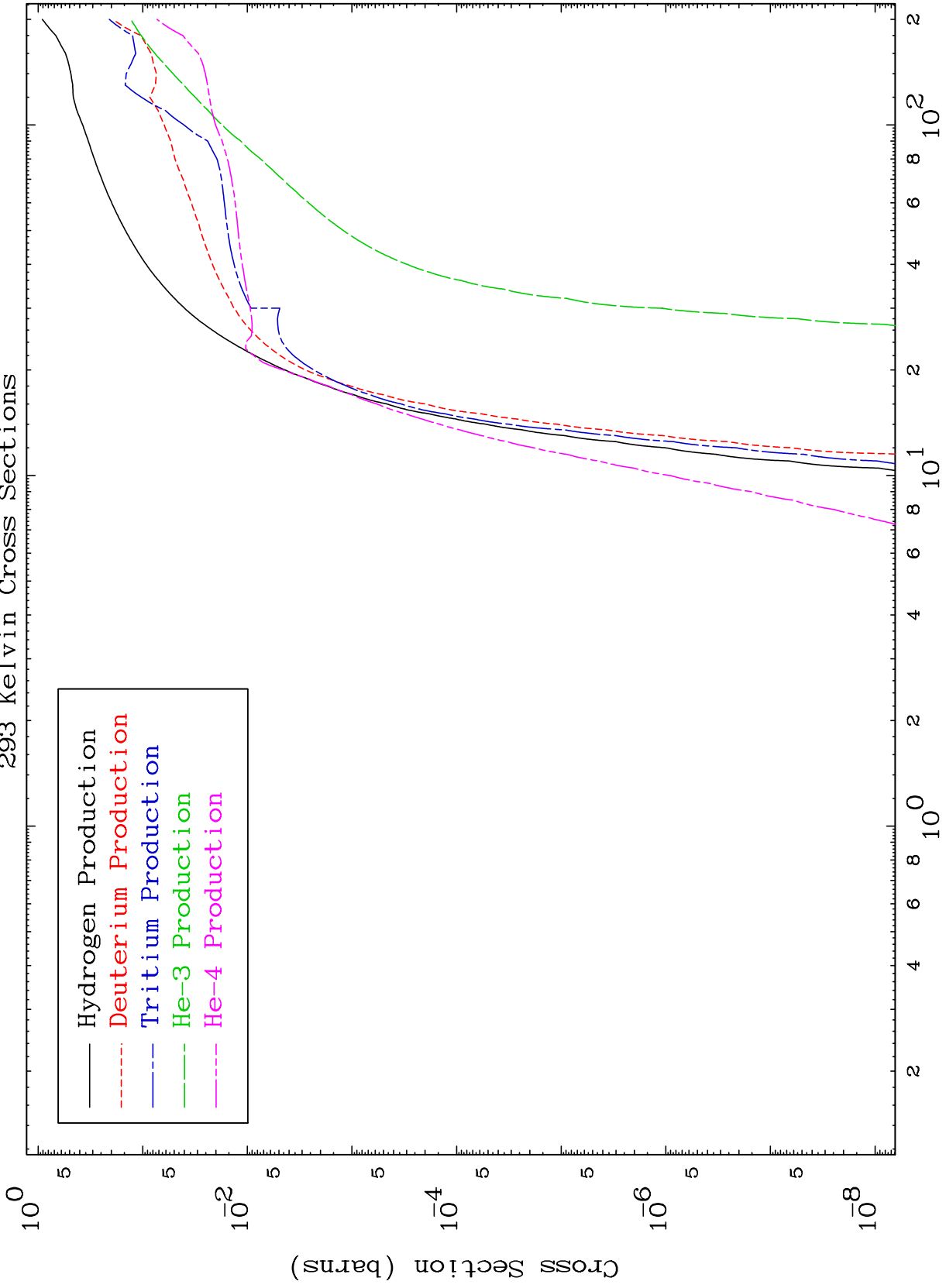


MAT 5361

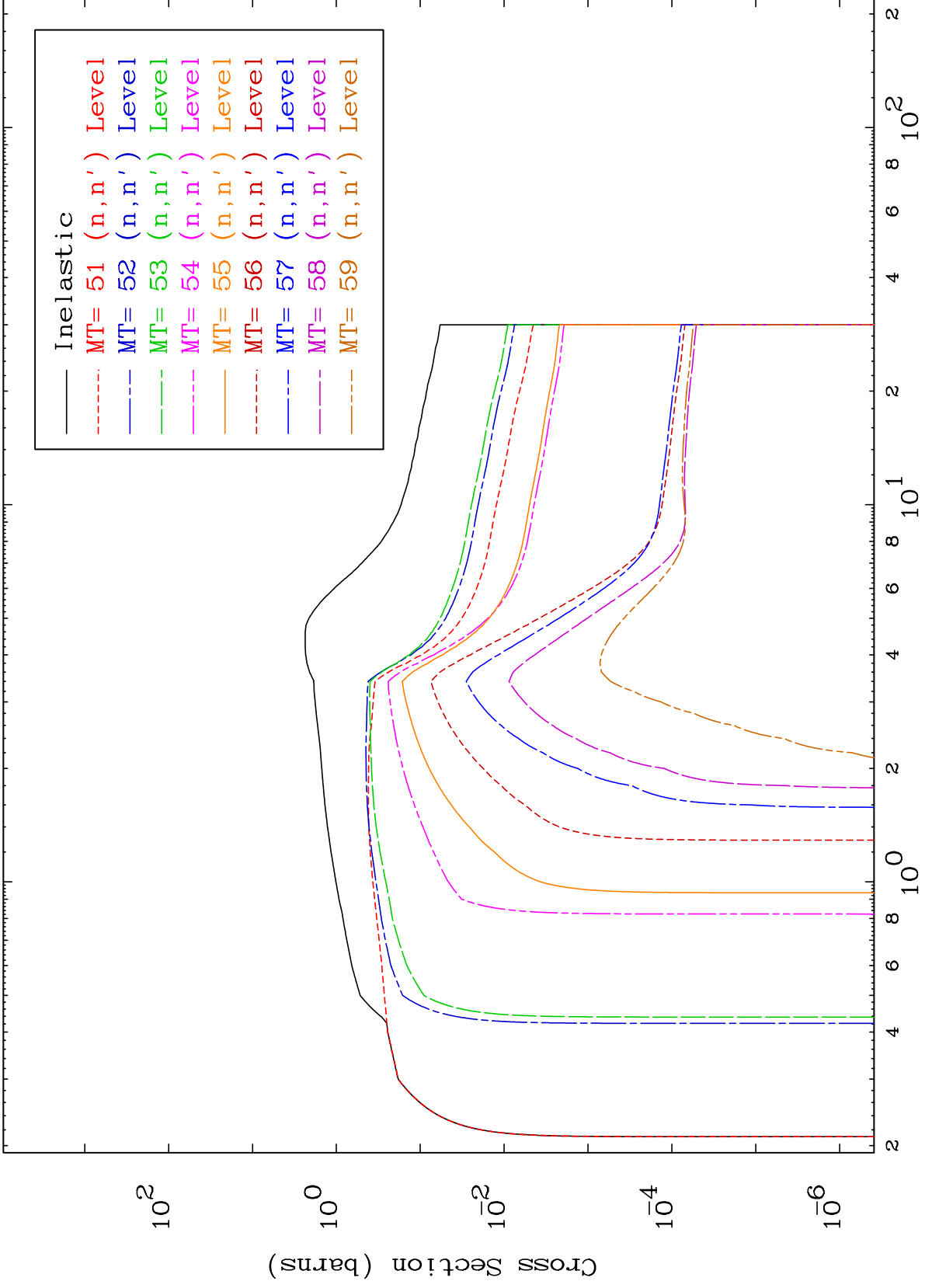
Charged Particle
293 Kelvin Cross Sections

53-I -139

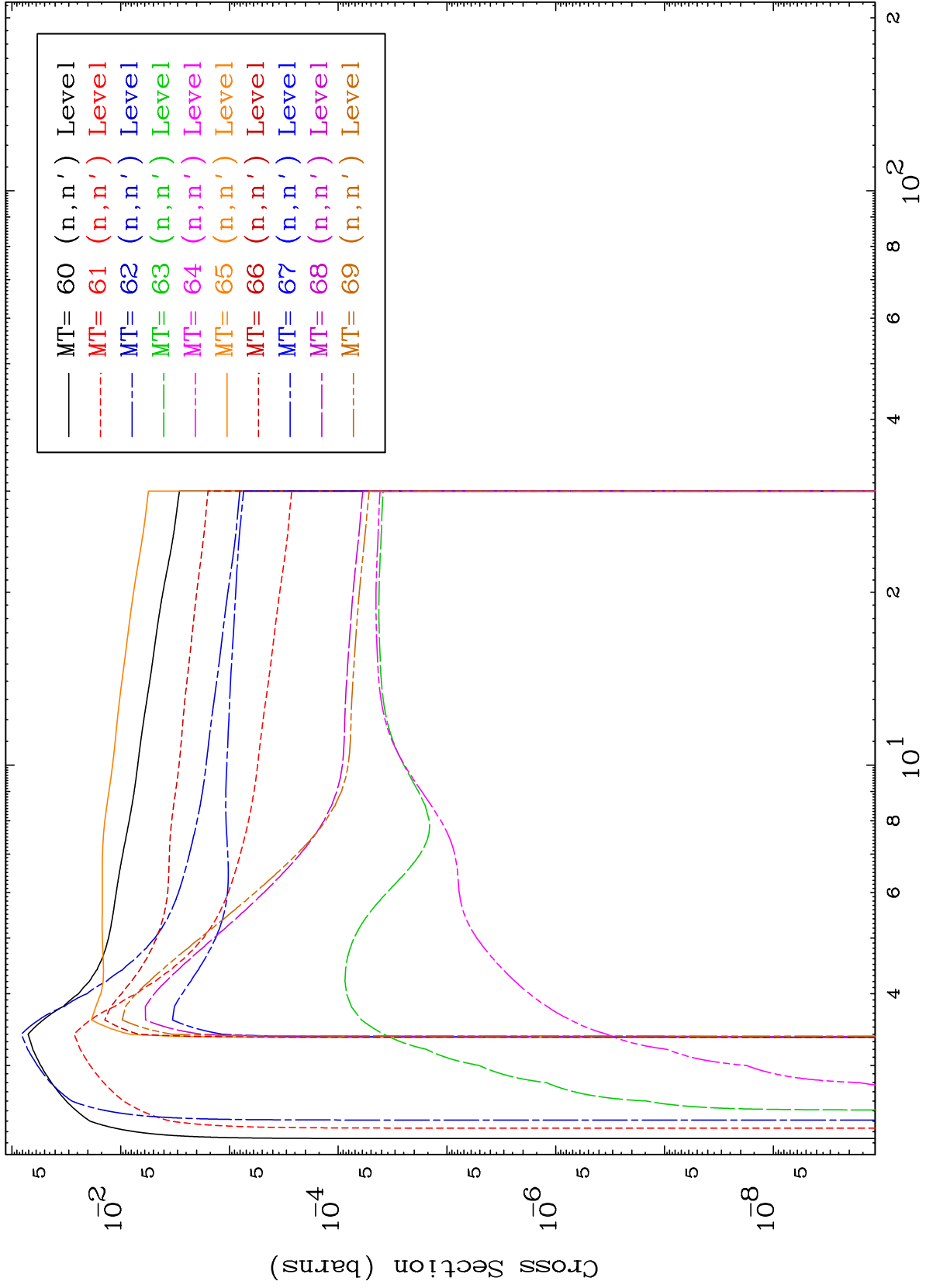


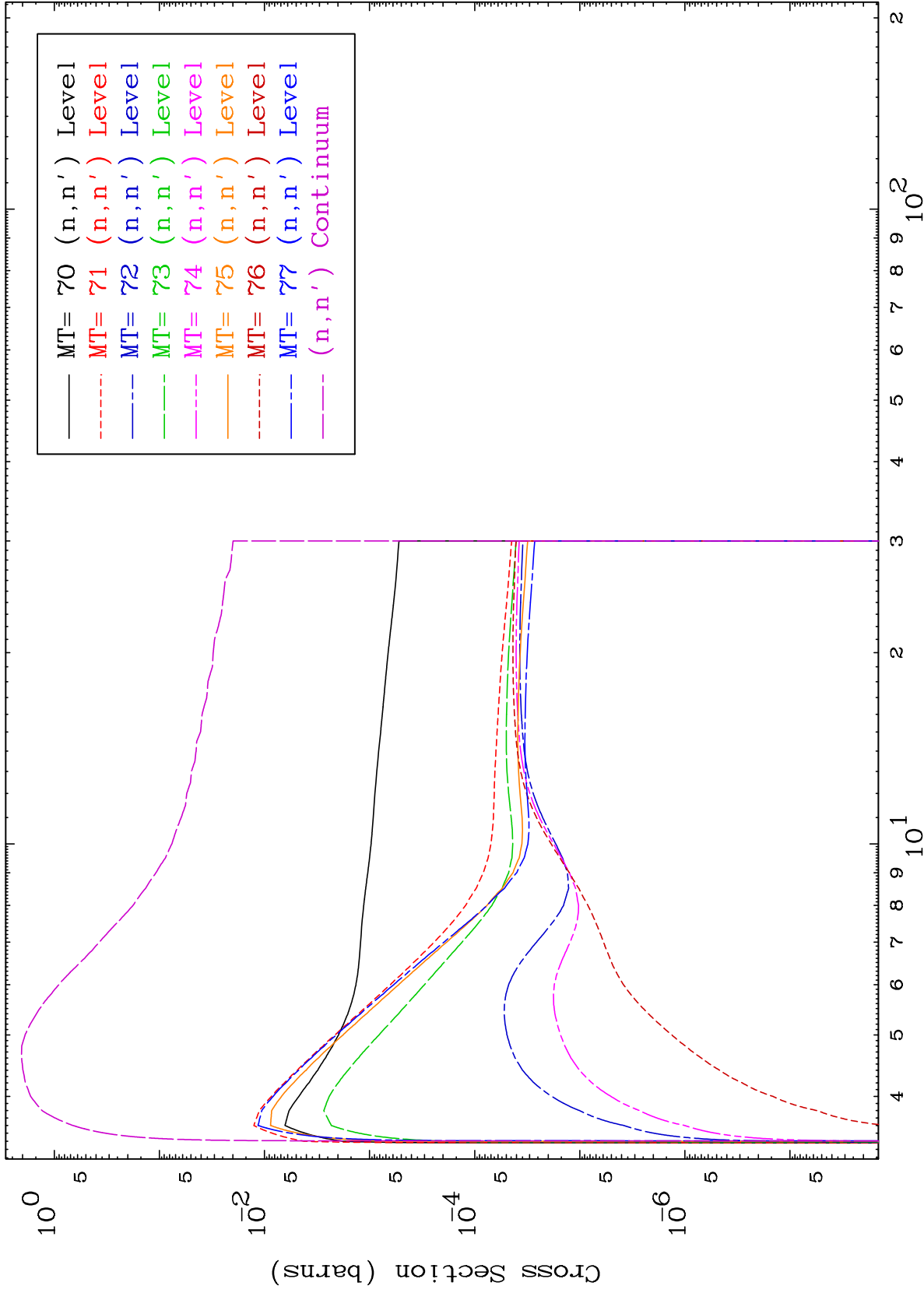


293 Kelvin Cross Sections



293 Kelvin Cross Sections

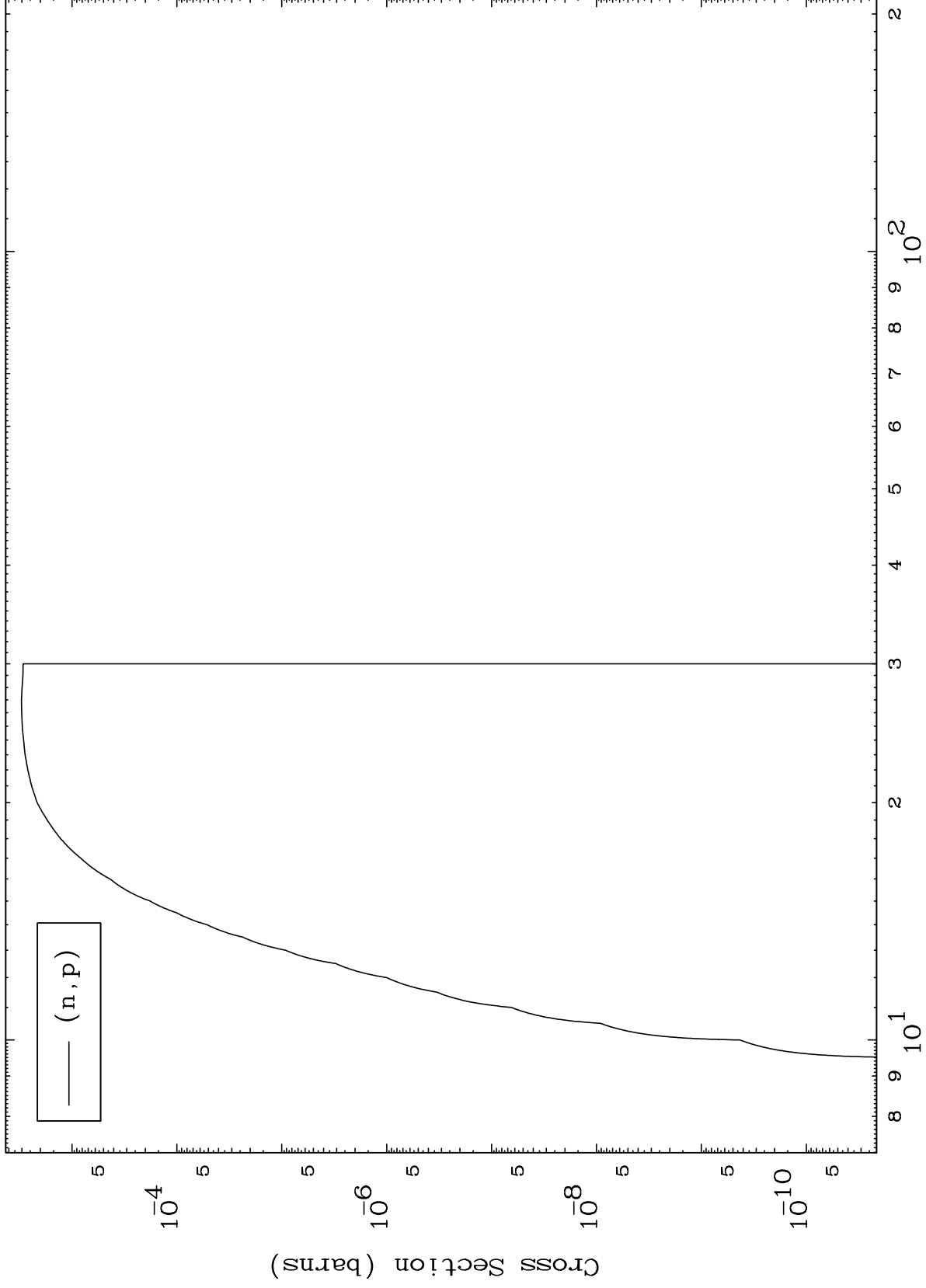




MAT 5361

(n,p) Levels
293 Kelvin Cross Sections

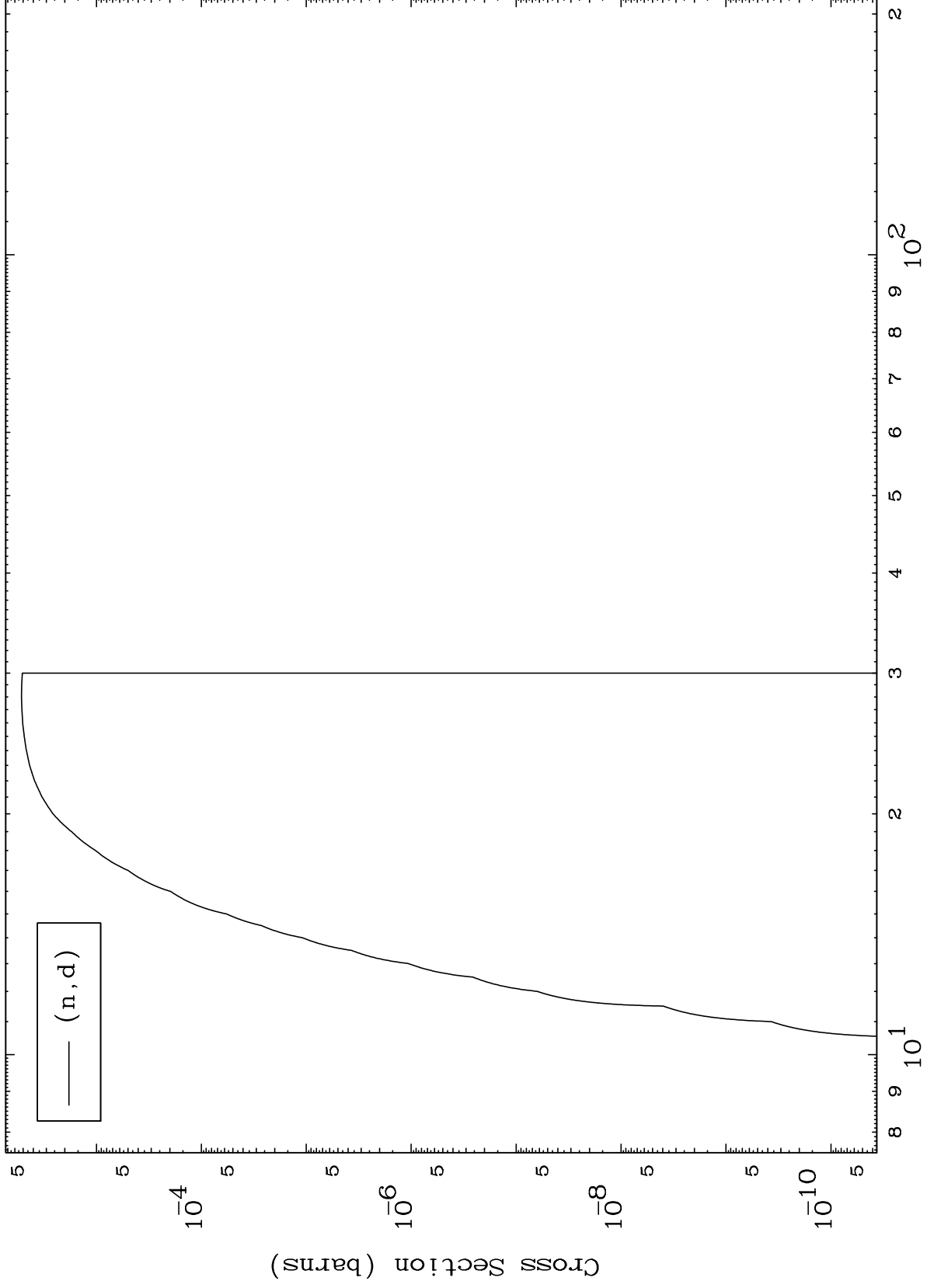
53-I -139

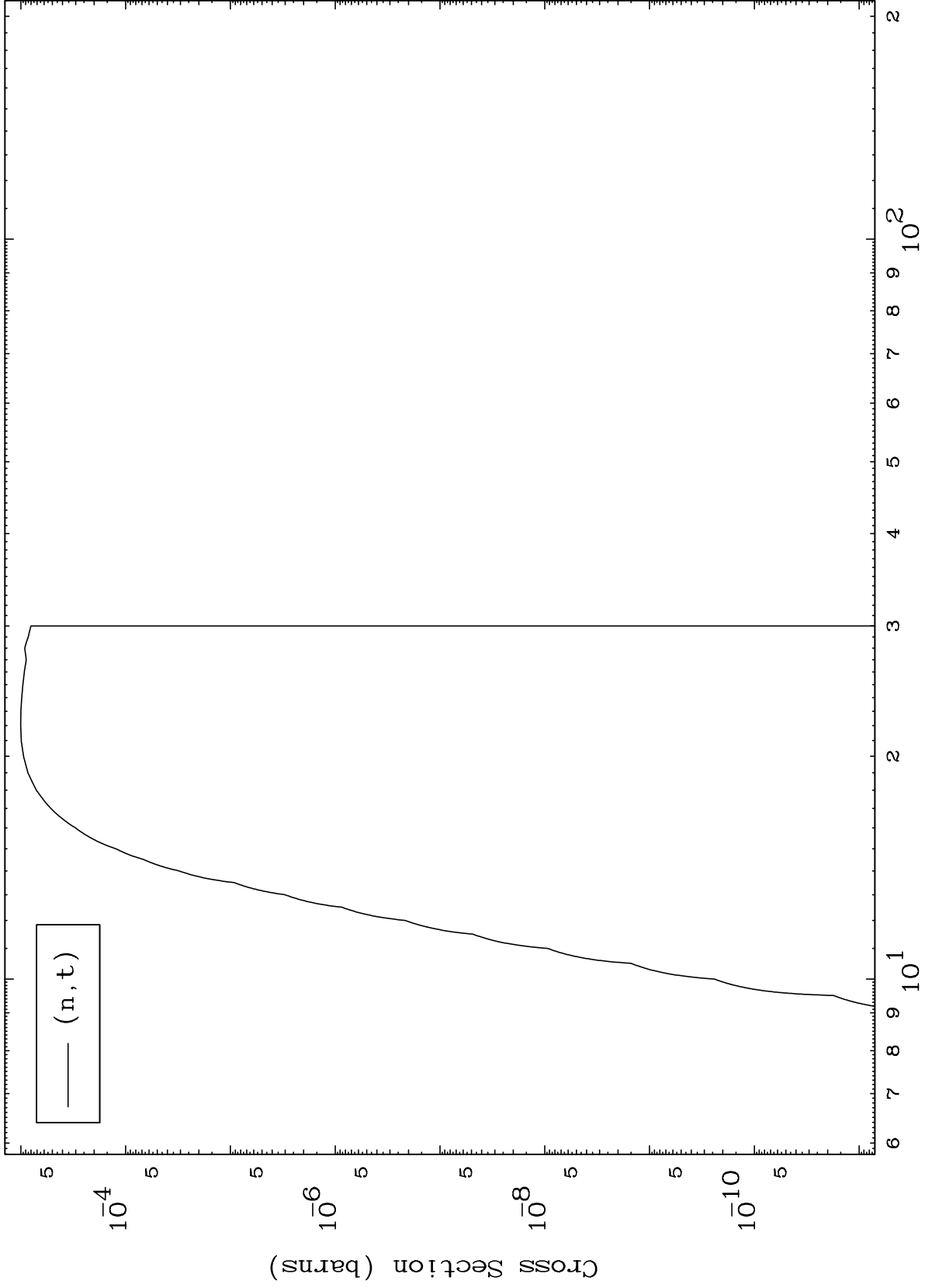


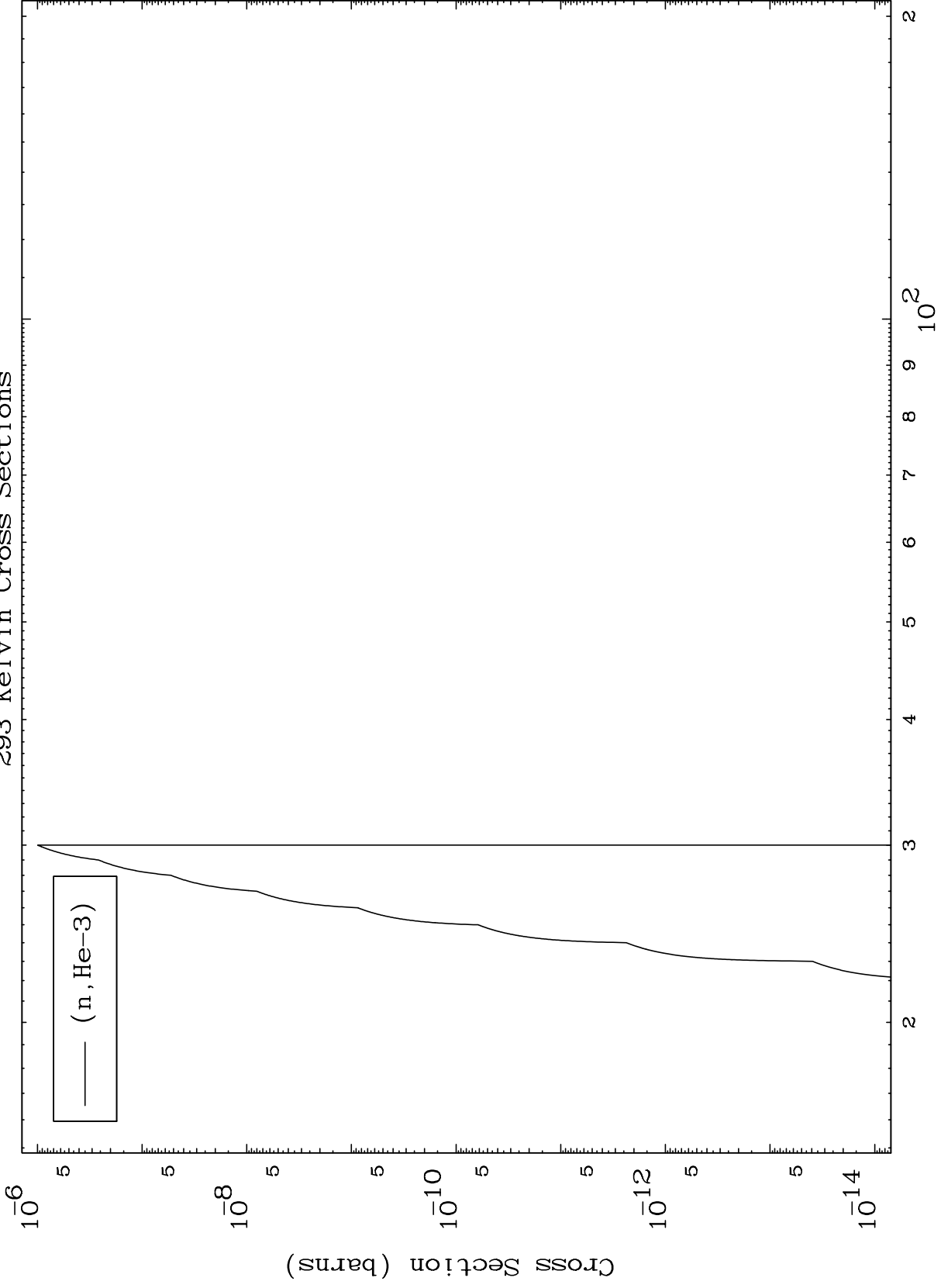
10

Incident Energy (MeV)

53-I -139



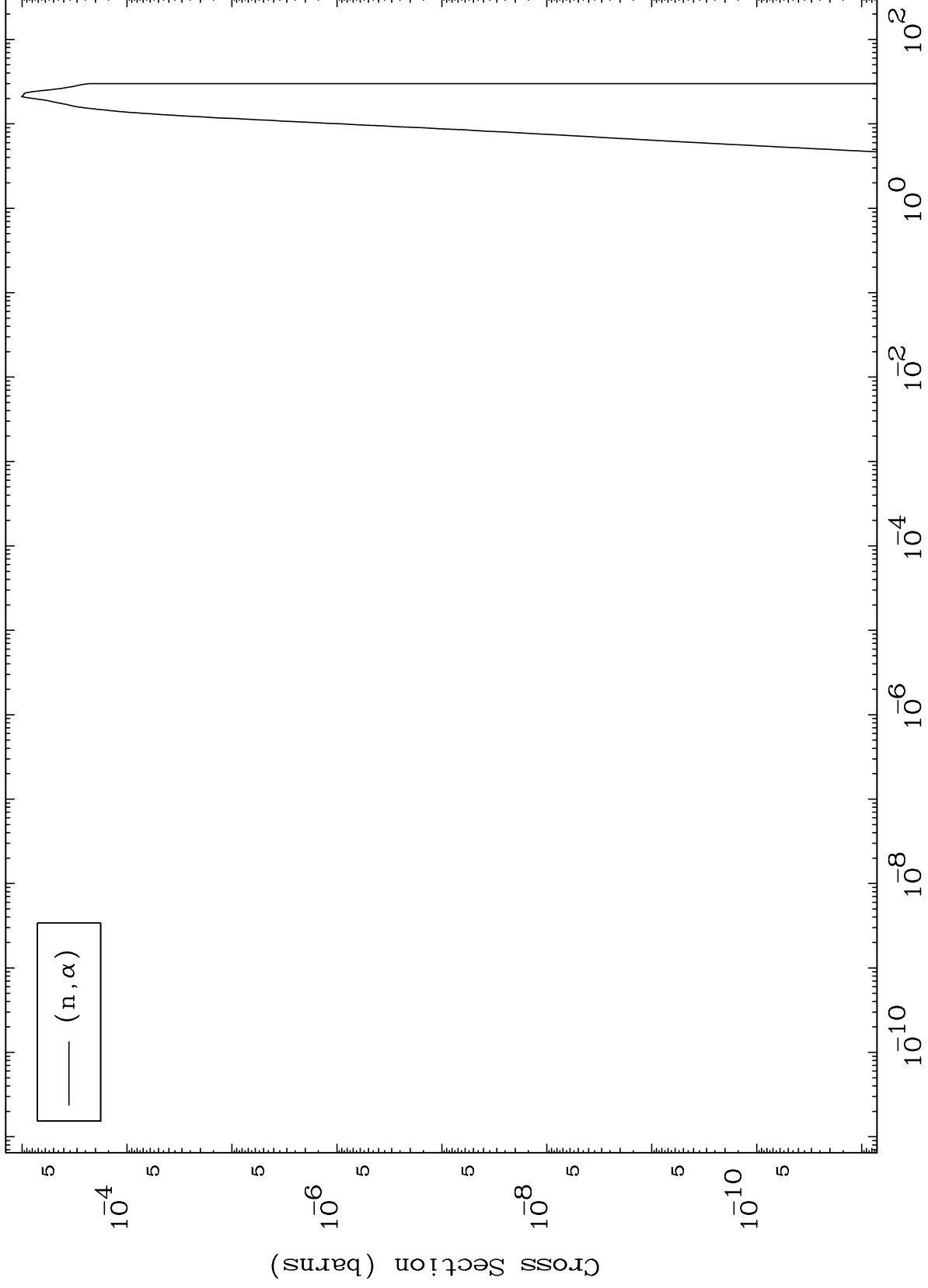




MAT 5361

(n, α) Levels
293 Kelvin Cross Sections

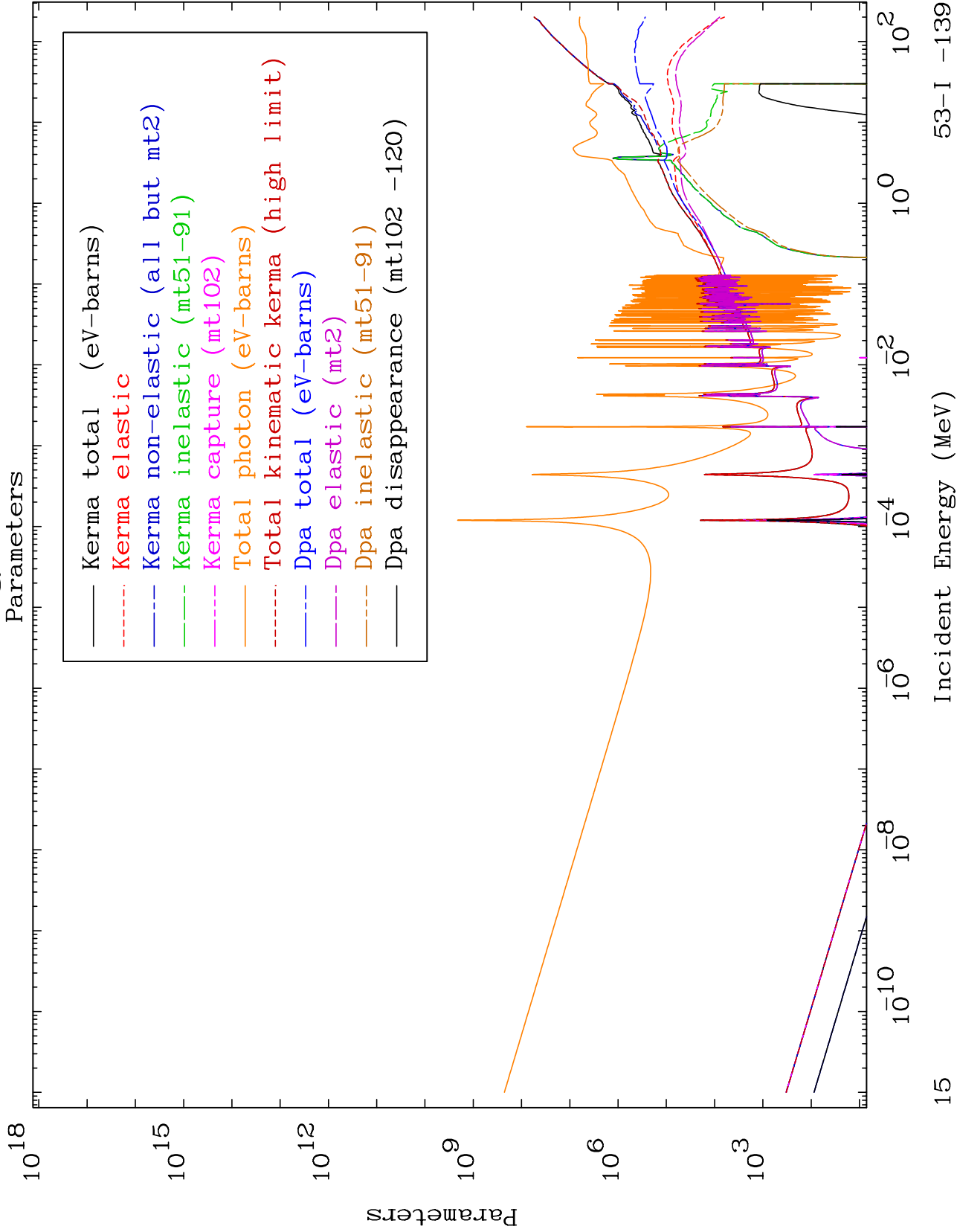
53-I -139

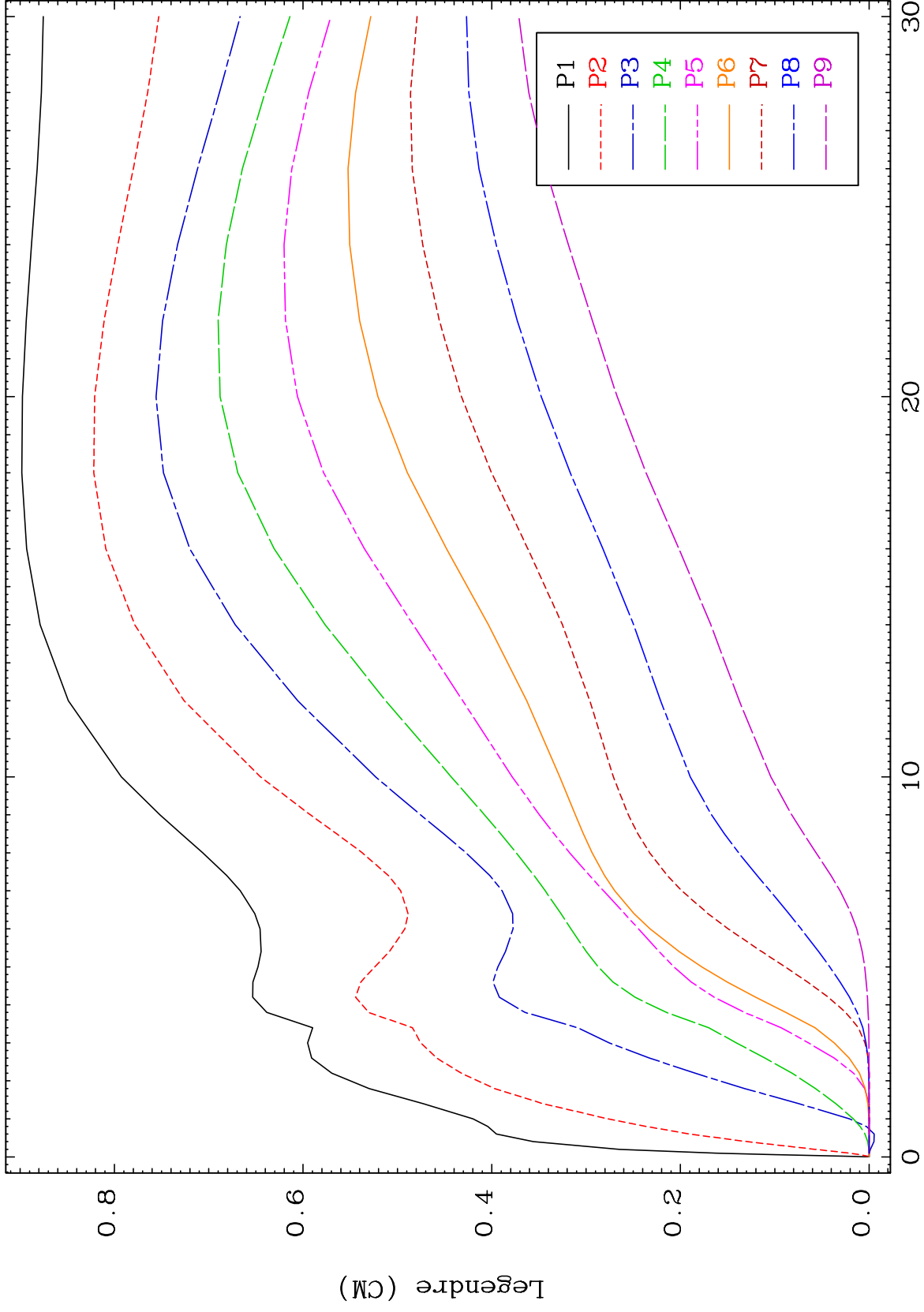


14

Incident Energy (MeV)

53-I -139

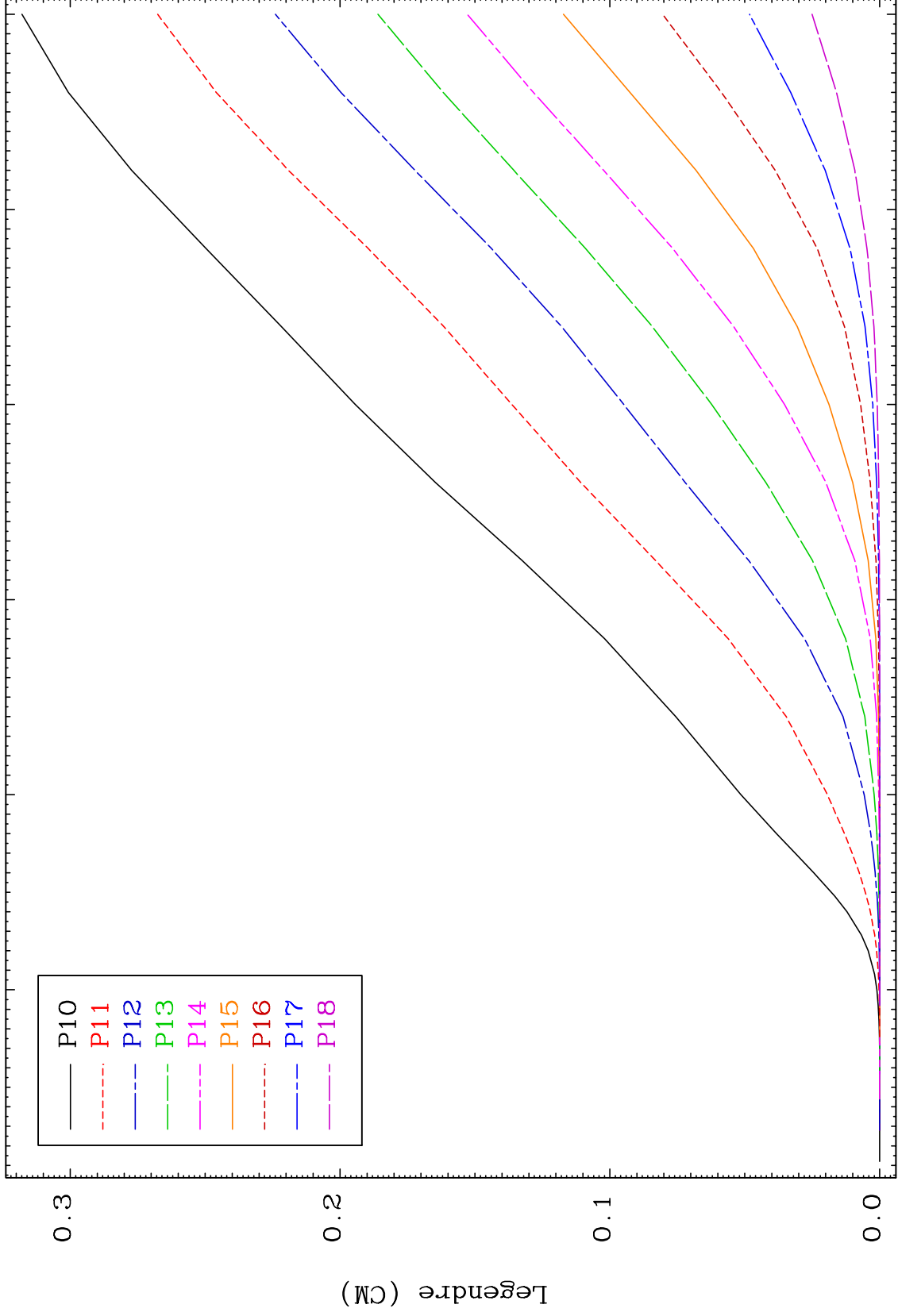




MAT 5361

Elastic Legendre Coefficients

53-I -139



17

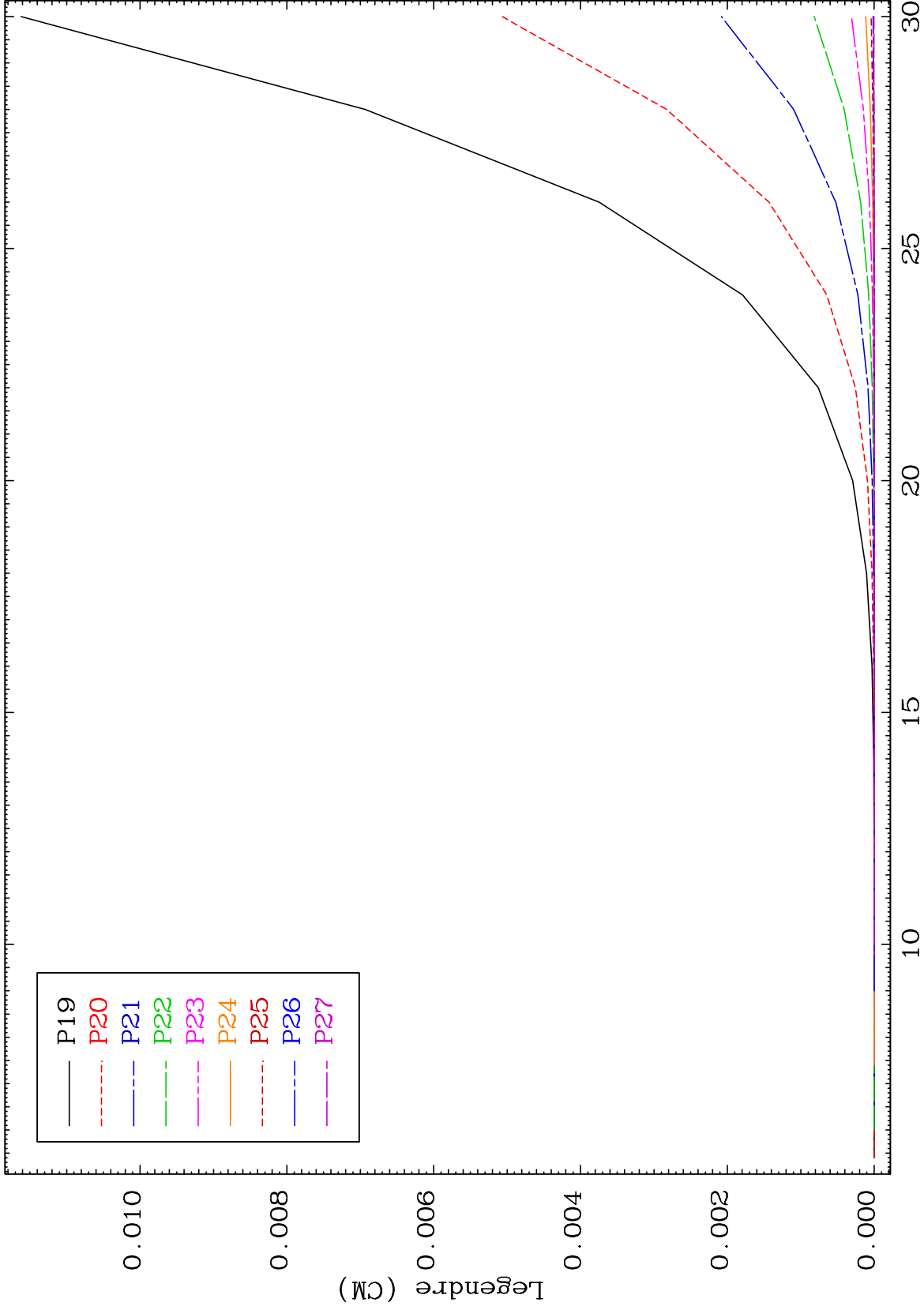
Incident Energy (MeV)

53-I -139

MAT 5361

Elastic Legendre Coefficients

53-I -139



18

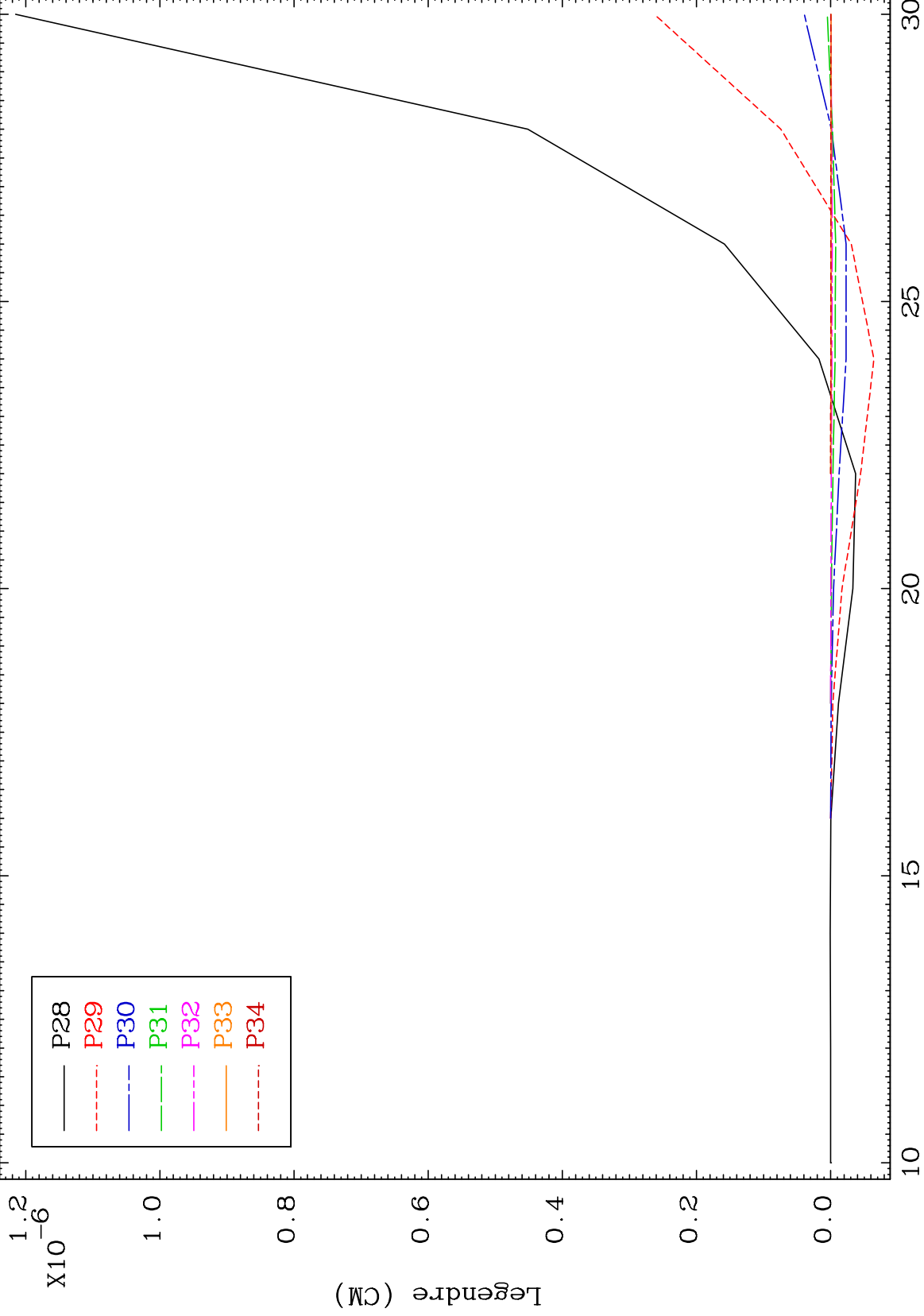
Incident Energy (MeV)

53-I -139

MAT 5361

Elastic
Legendre Coefficients

53-I -139



19

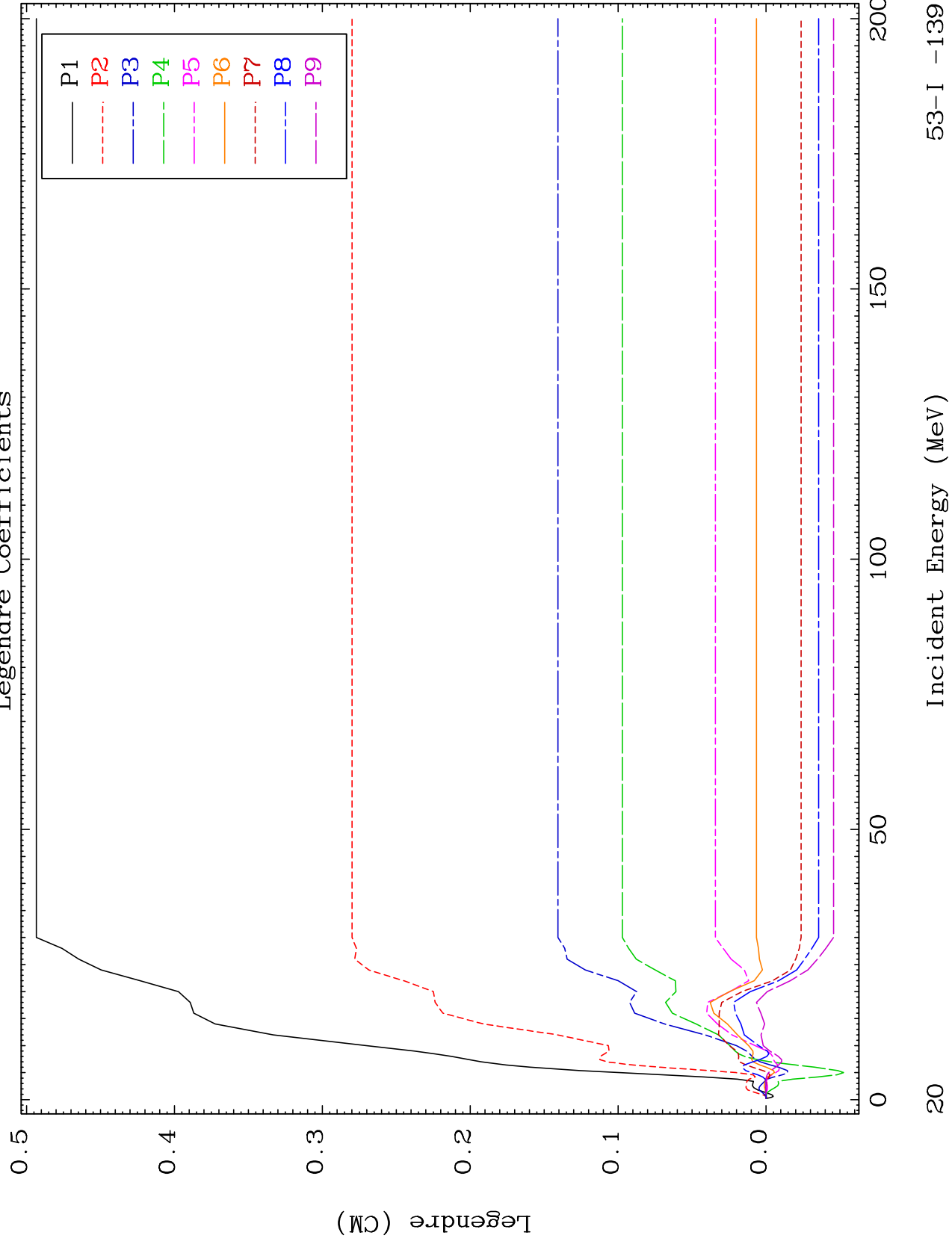
Incident Energy (MeV)

53-I -139

MAT 5361

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

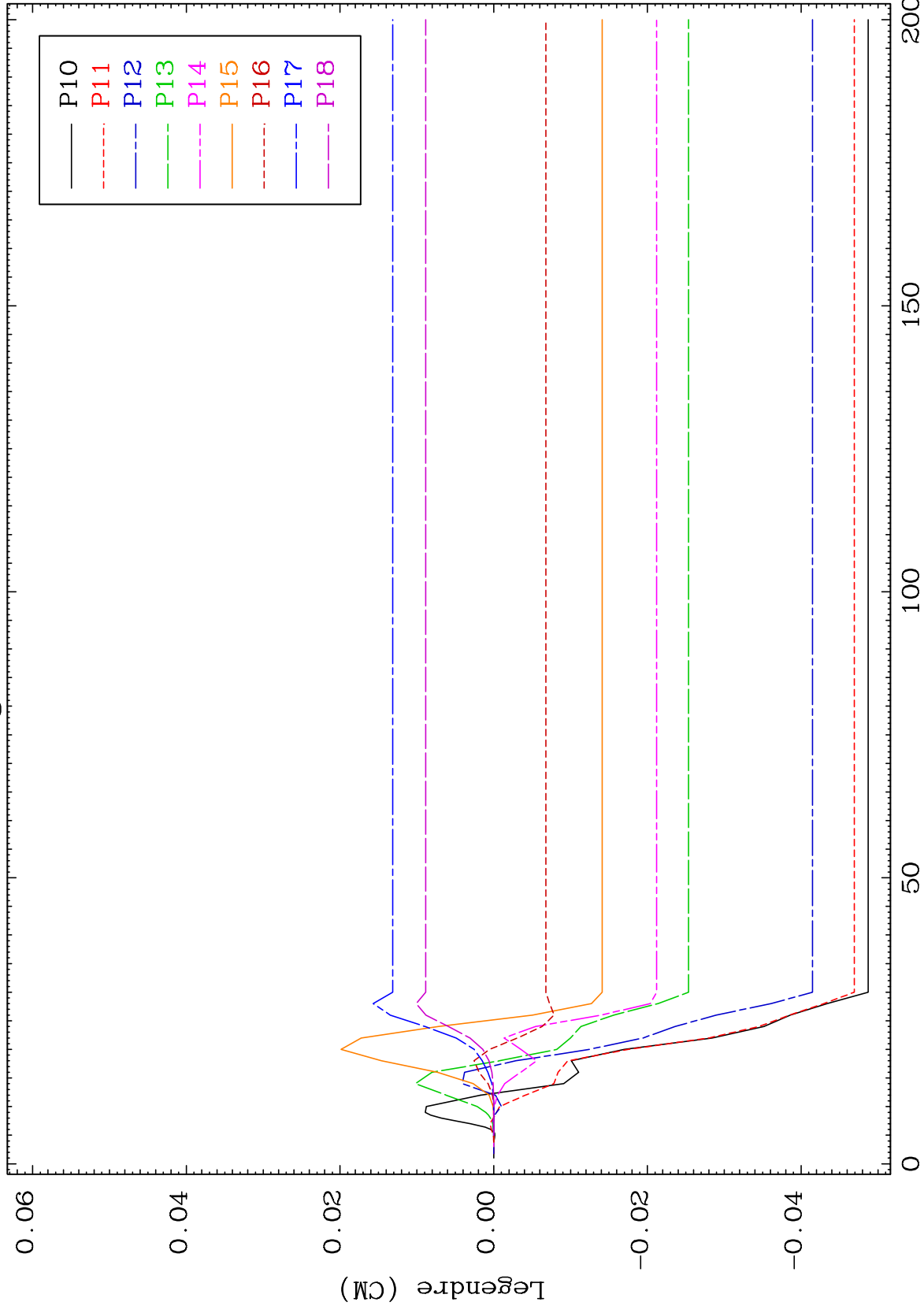
53-I -139



MAT 5361

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

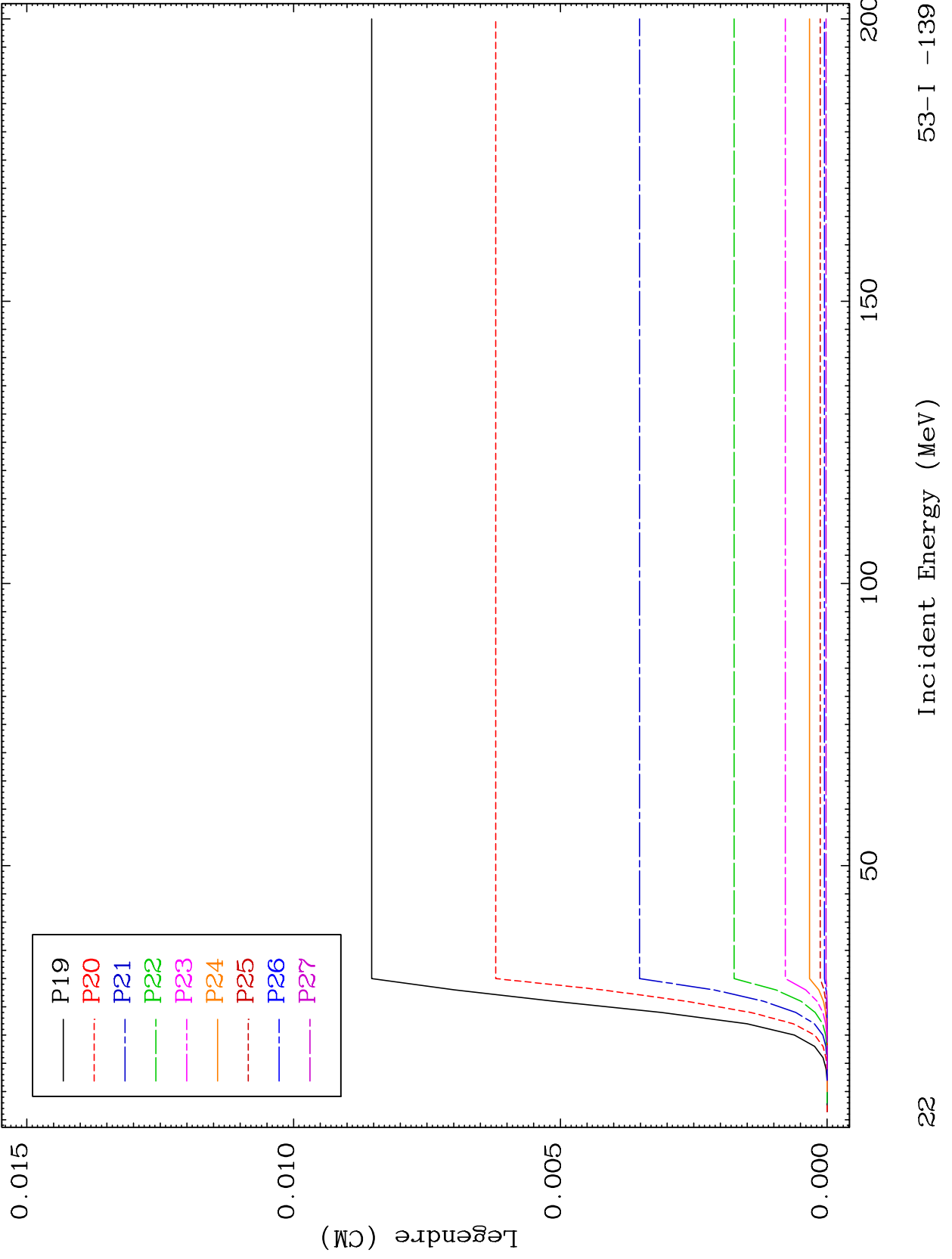
53-I -139

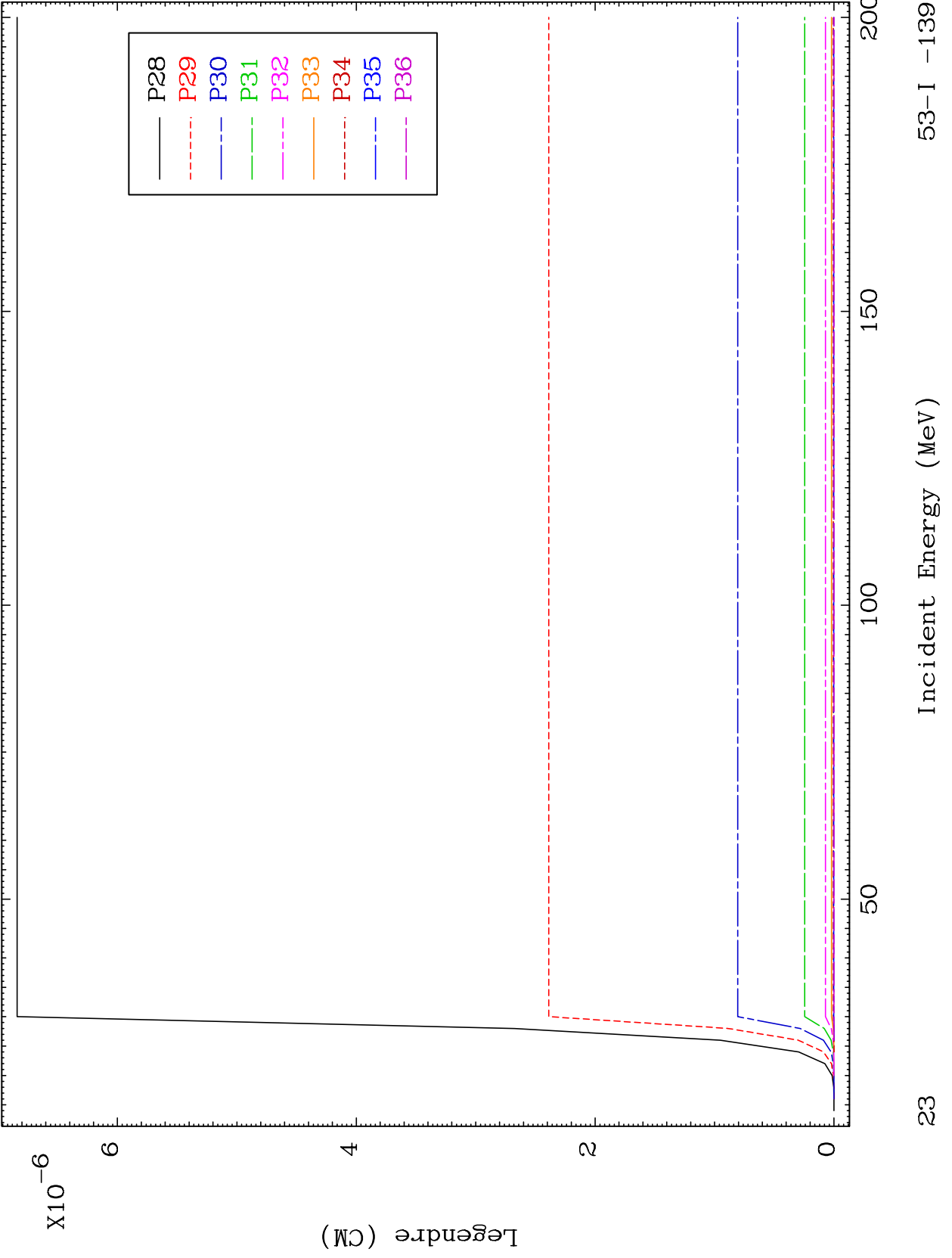


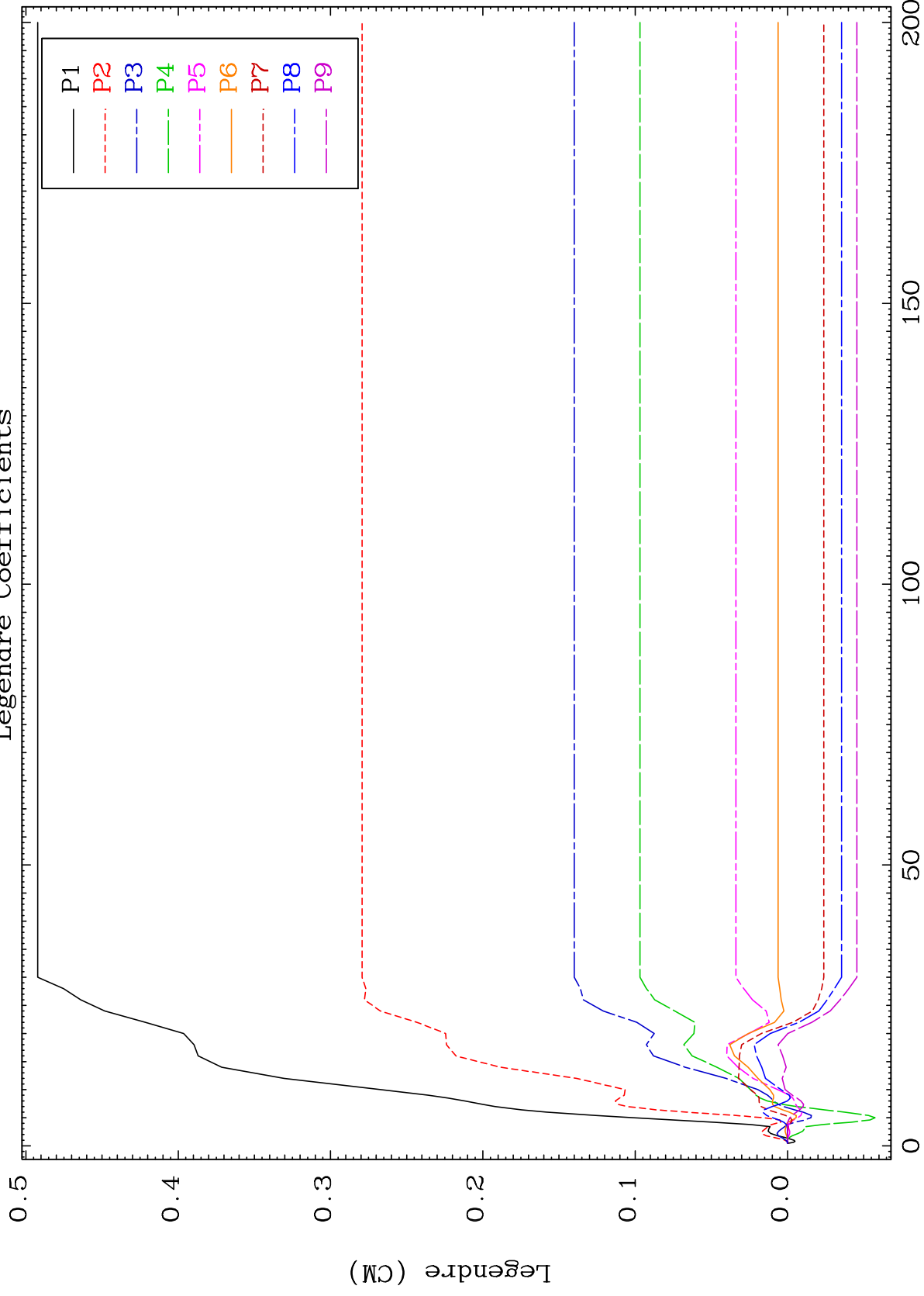
21

Incident Energy (MeV)

53-I -139



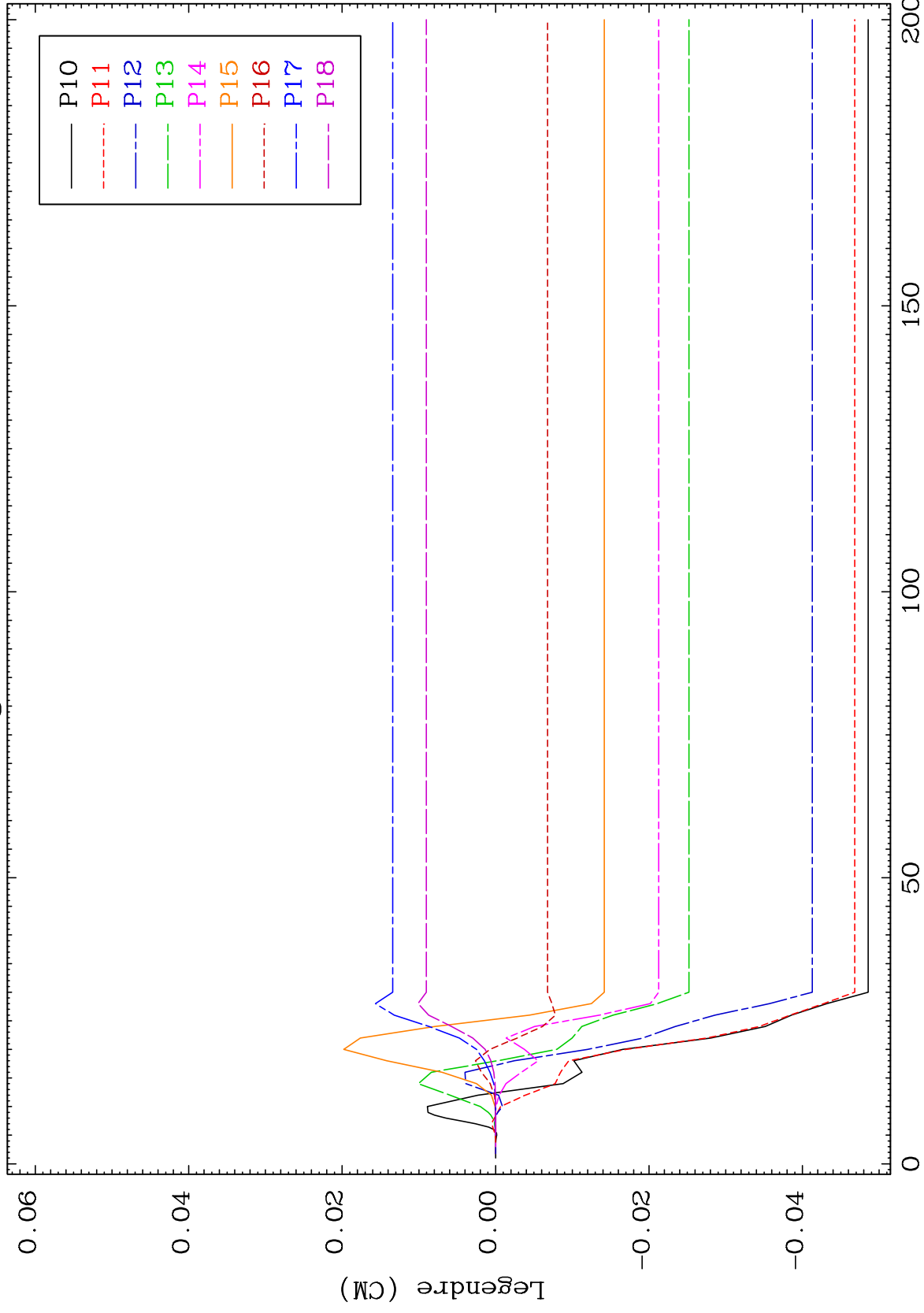




MAT 5361

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

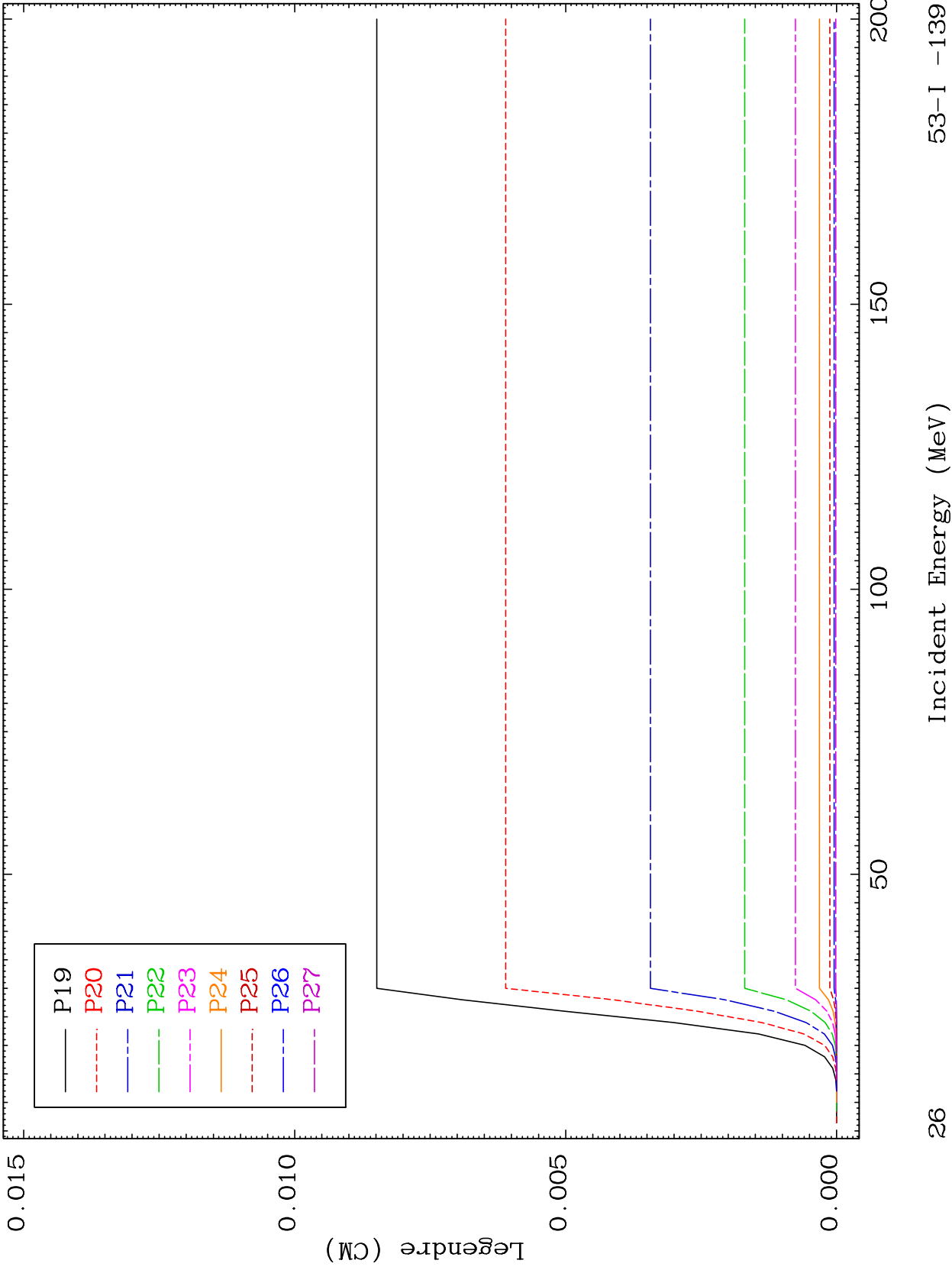
53-I -139

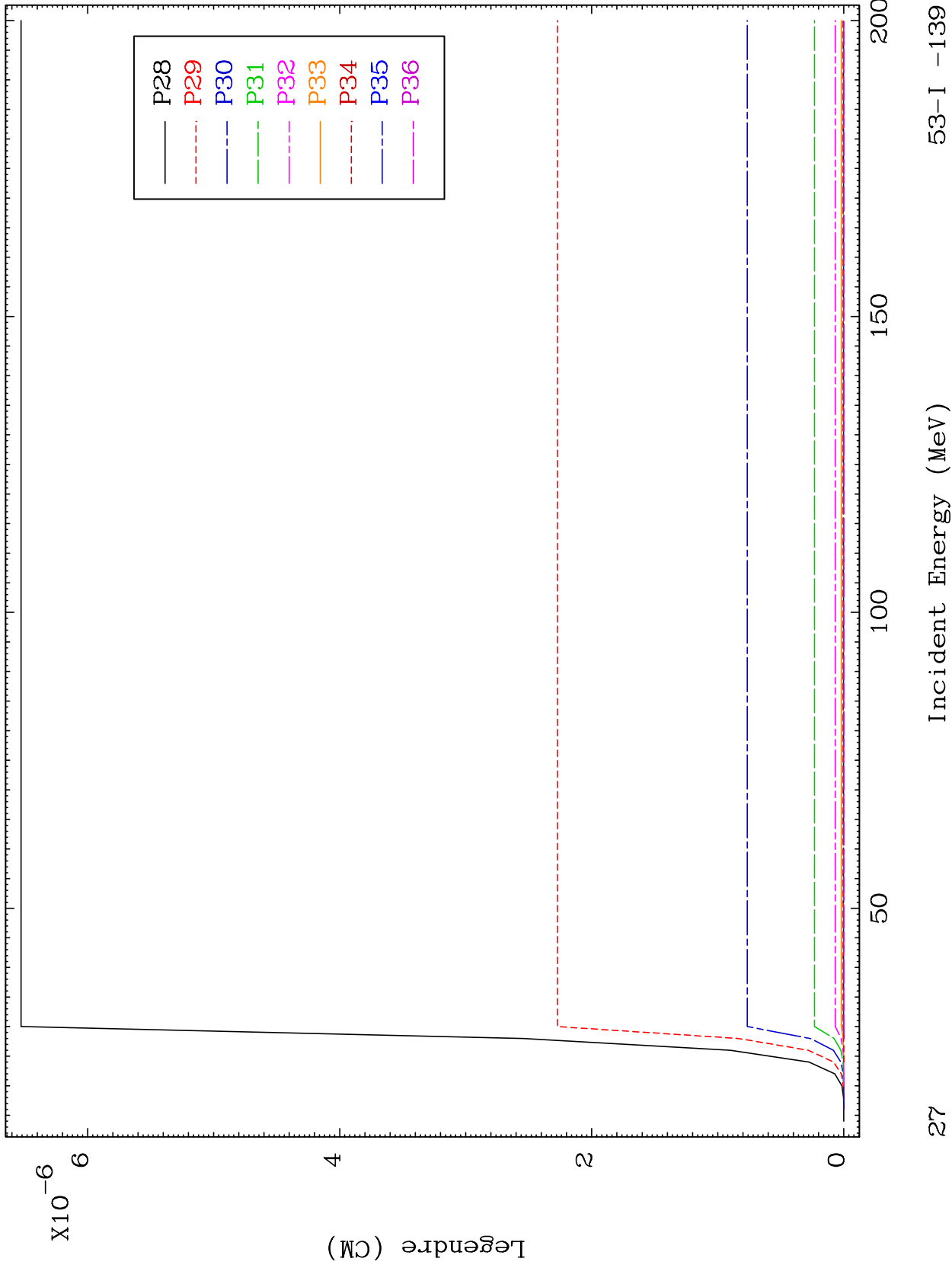


25

Incident Energy (MeV)

53-I -139

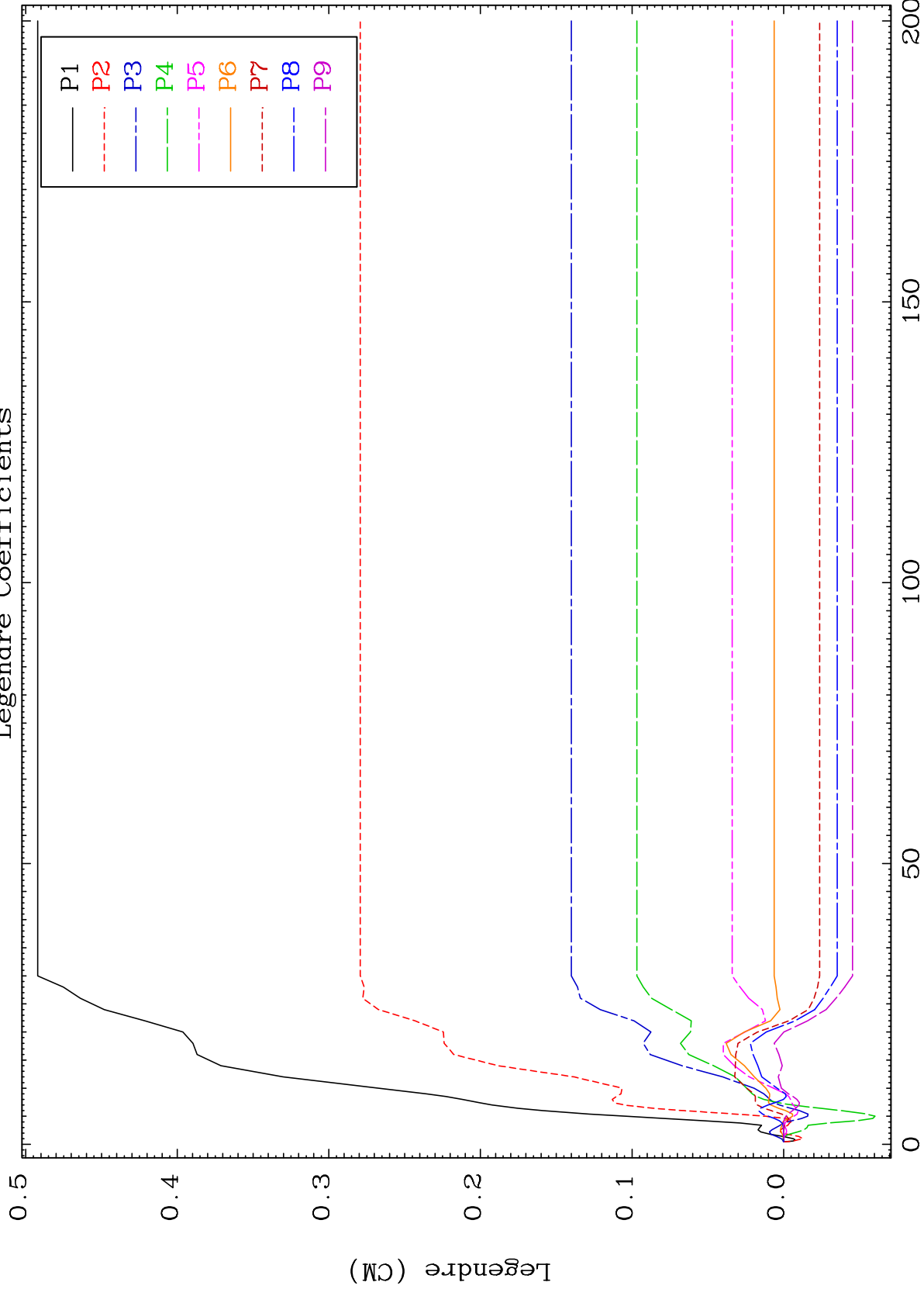




MAT 5361

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

53-I -139



28

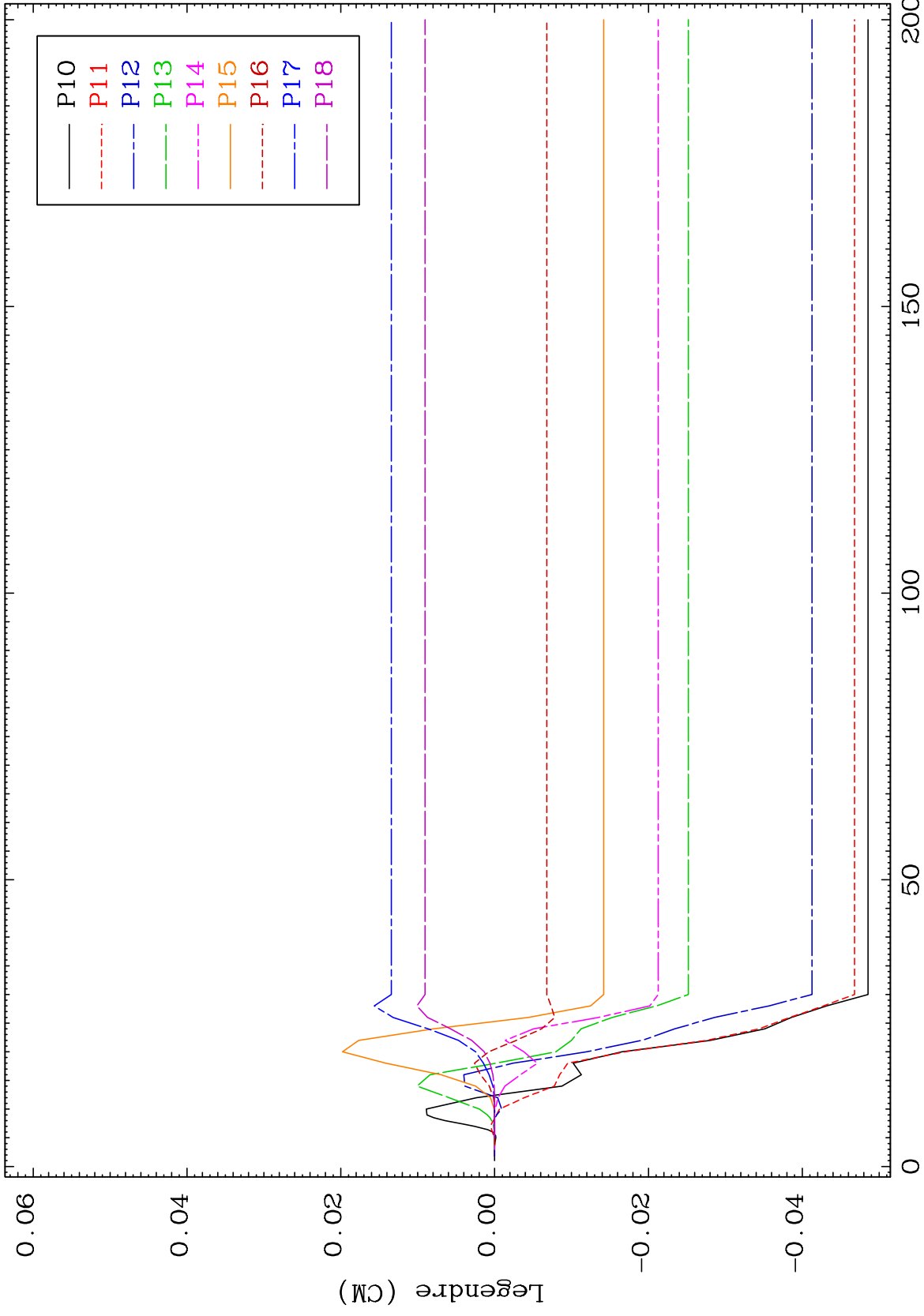
Incident Energy (MeV)

53-I -139

MAT 5361

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

53-I -139



29

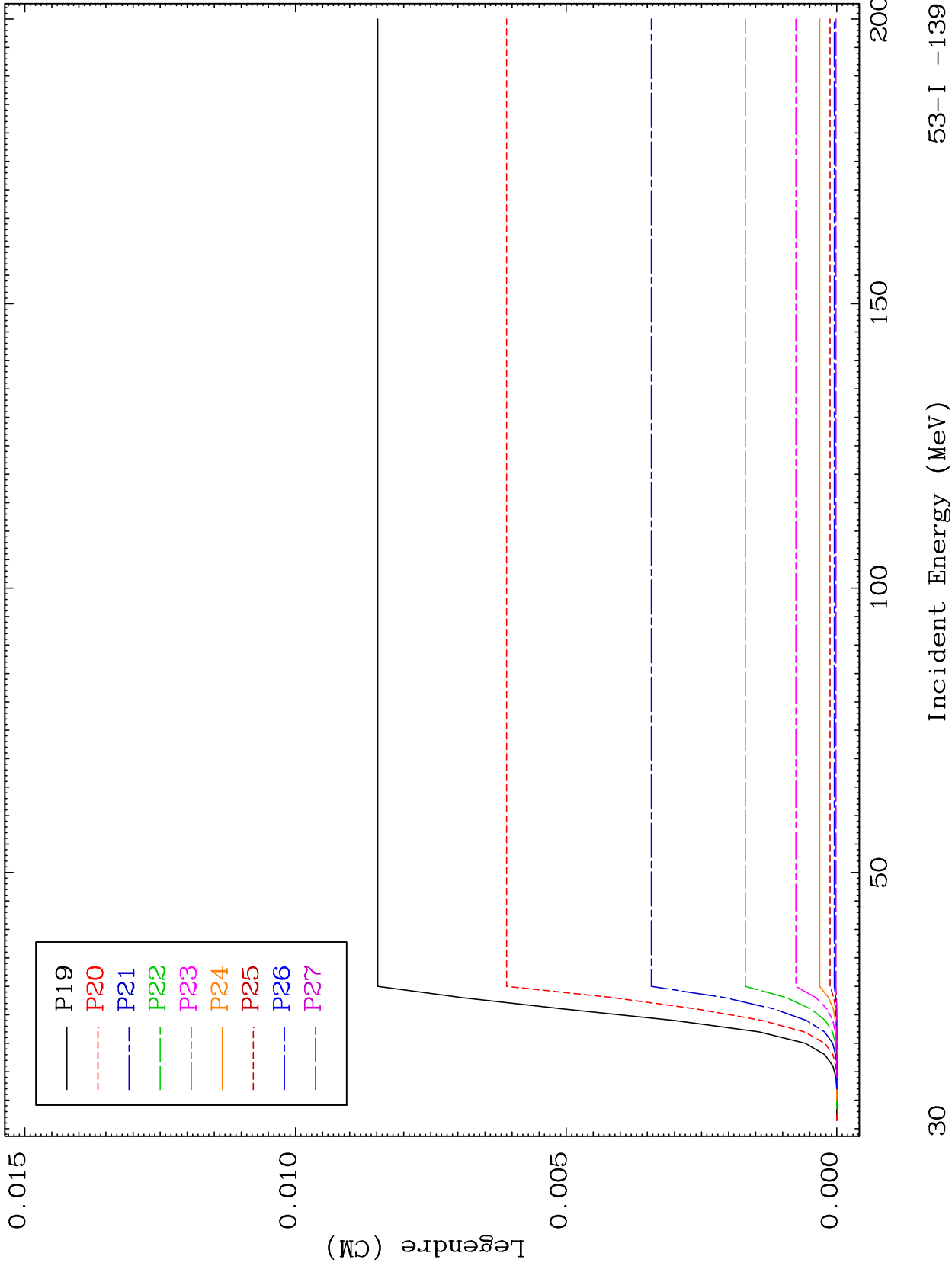
Incident Energy (MeV)

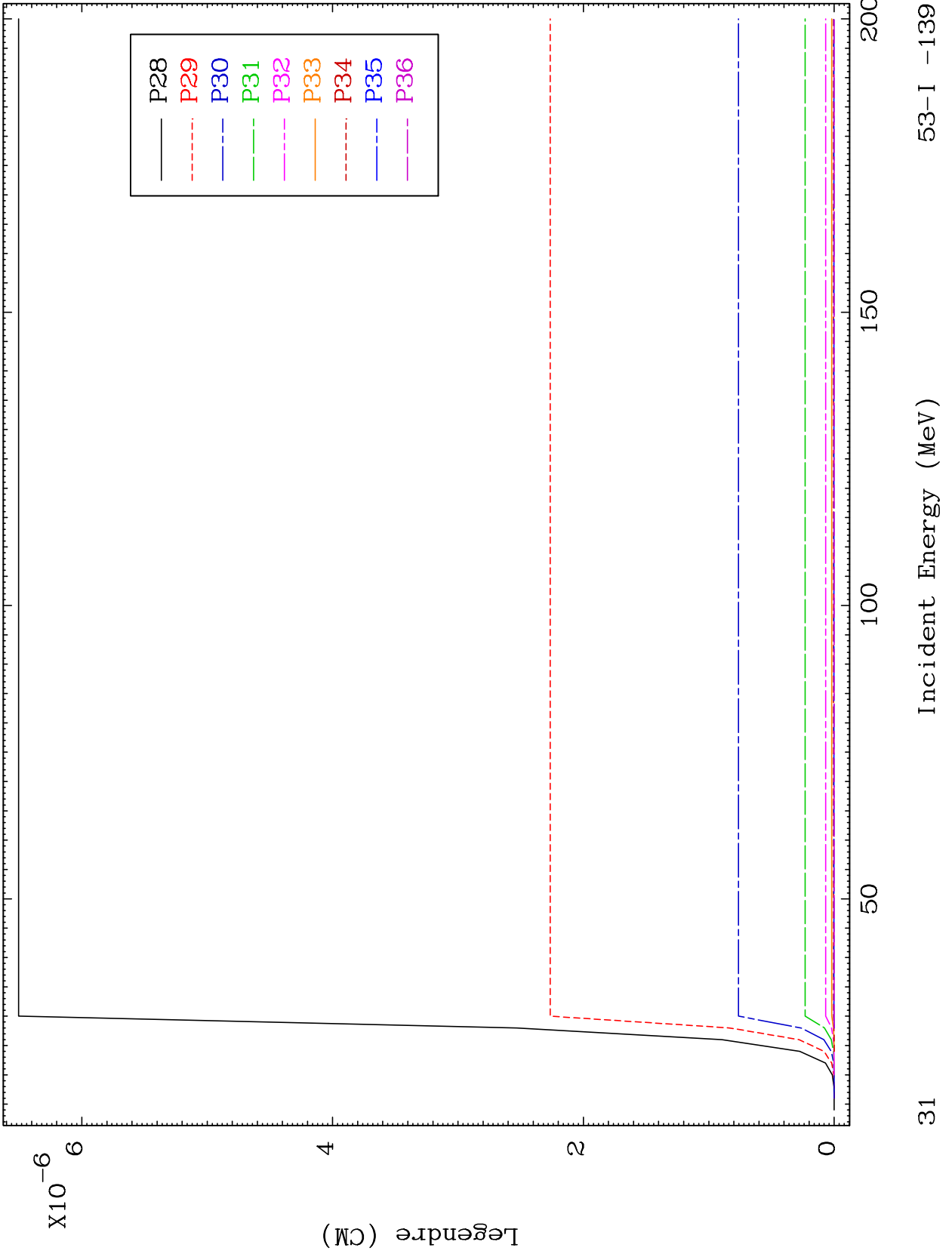
53-I -139

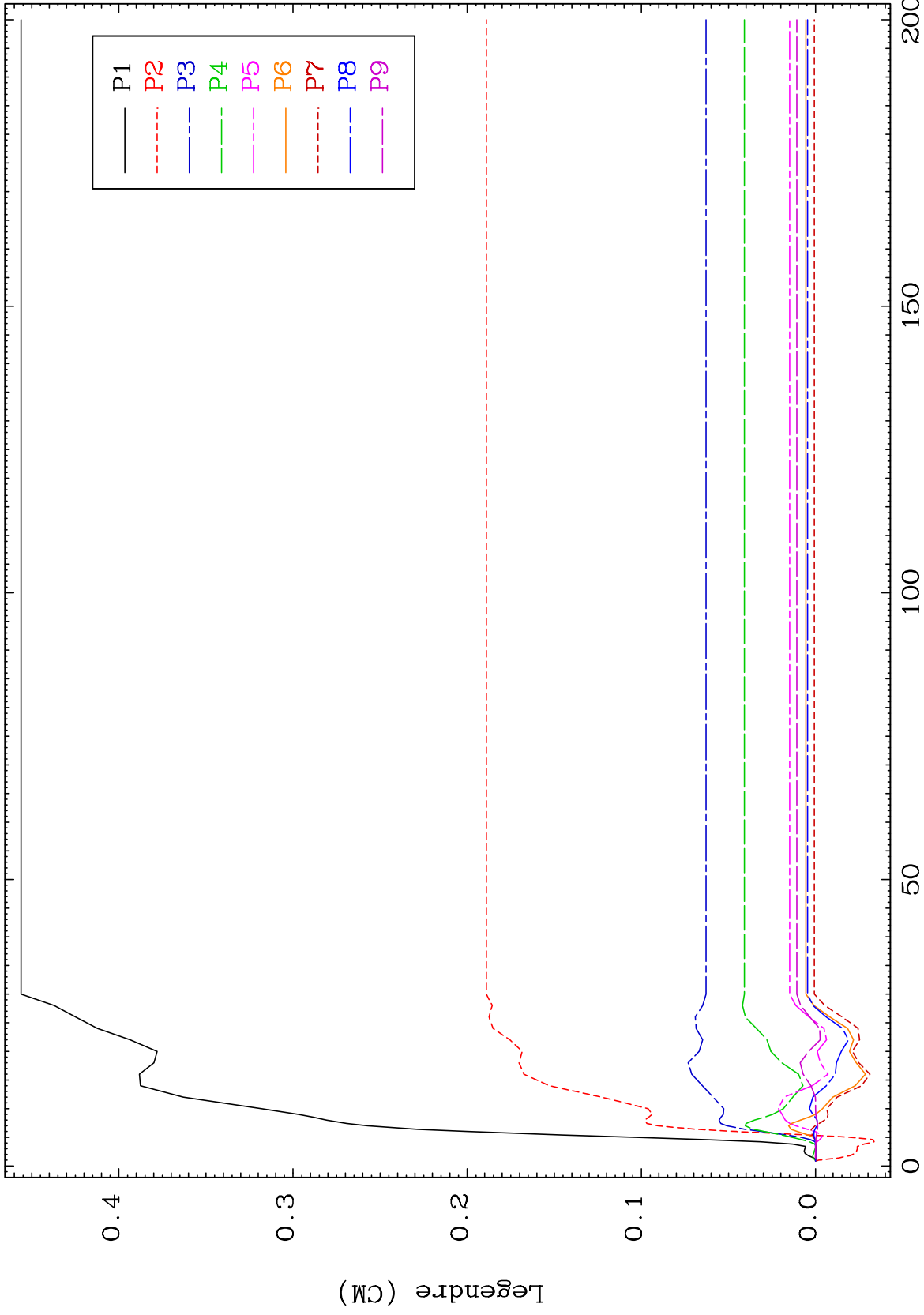
MAT 5361

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

53-I -139



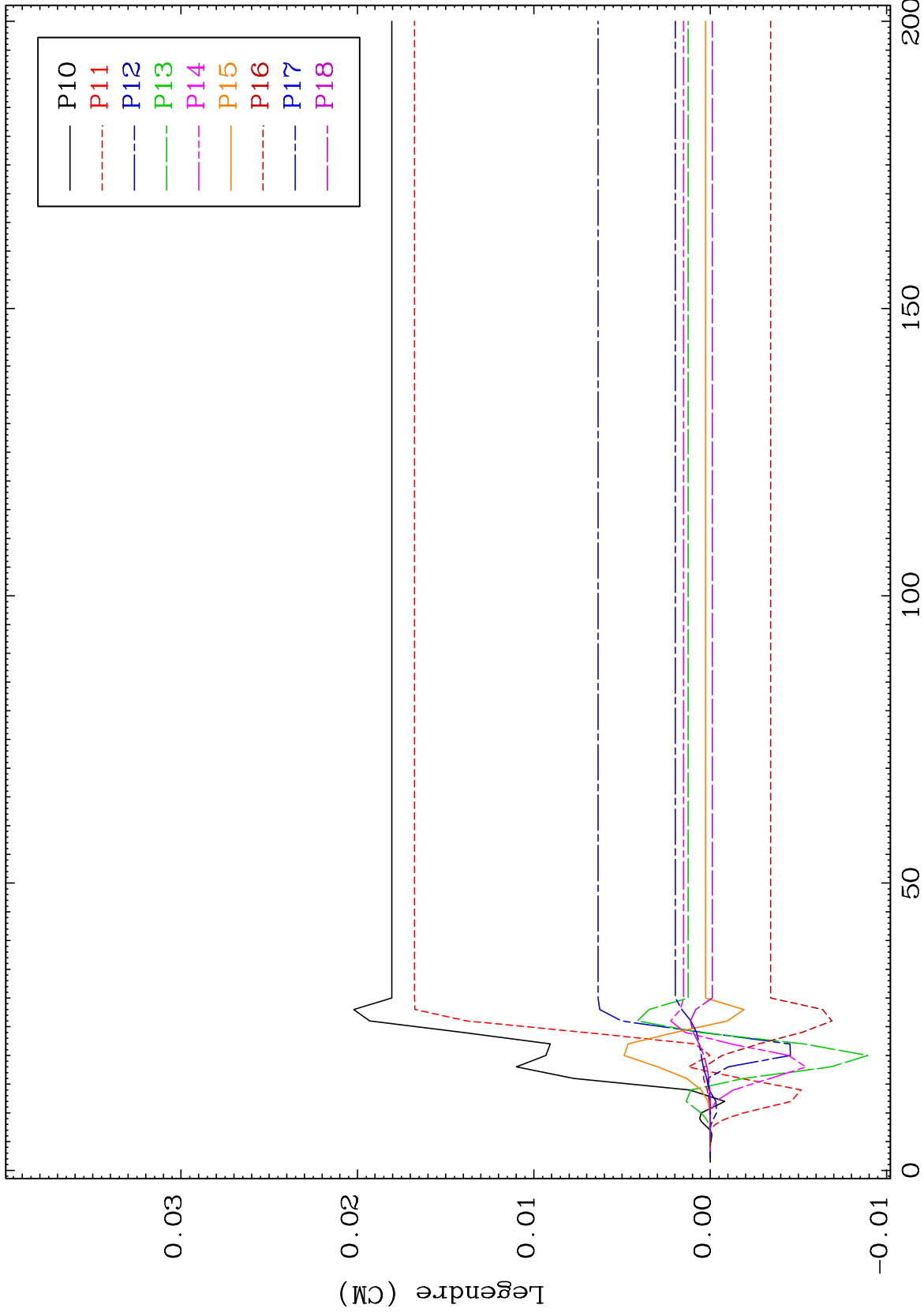




MAT 5361

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

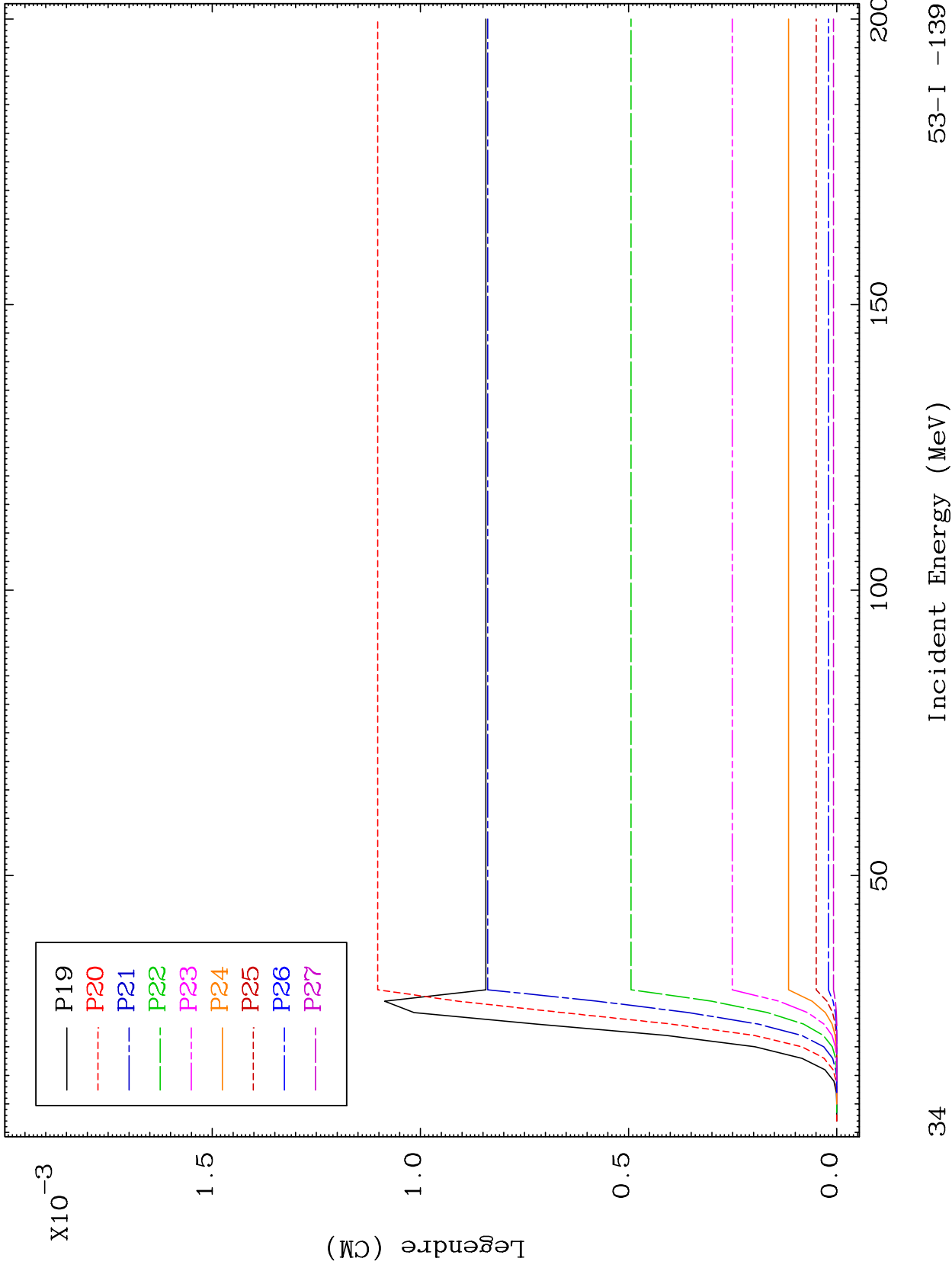
53-I -139



33

Incident Energy (MeV)

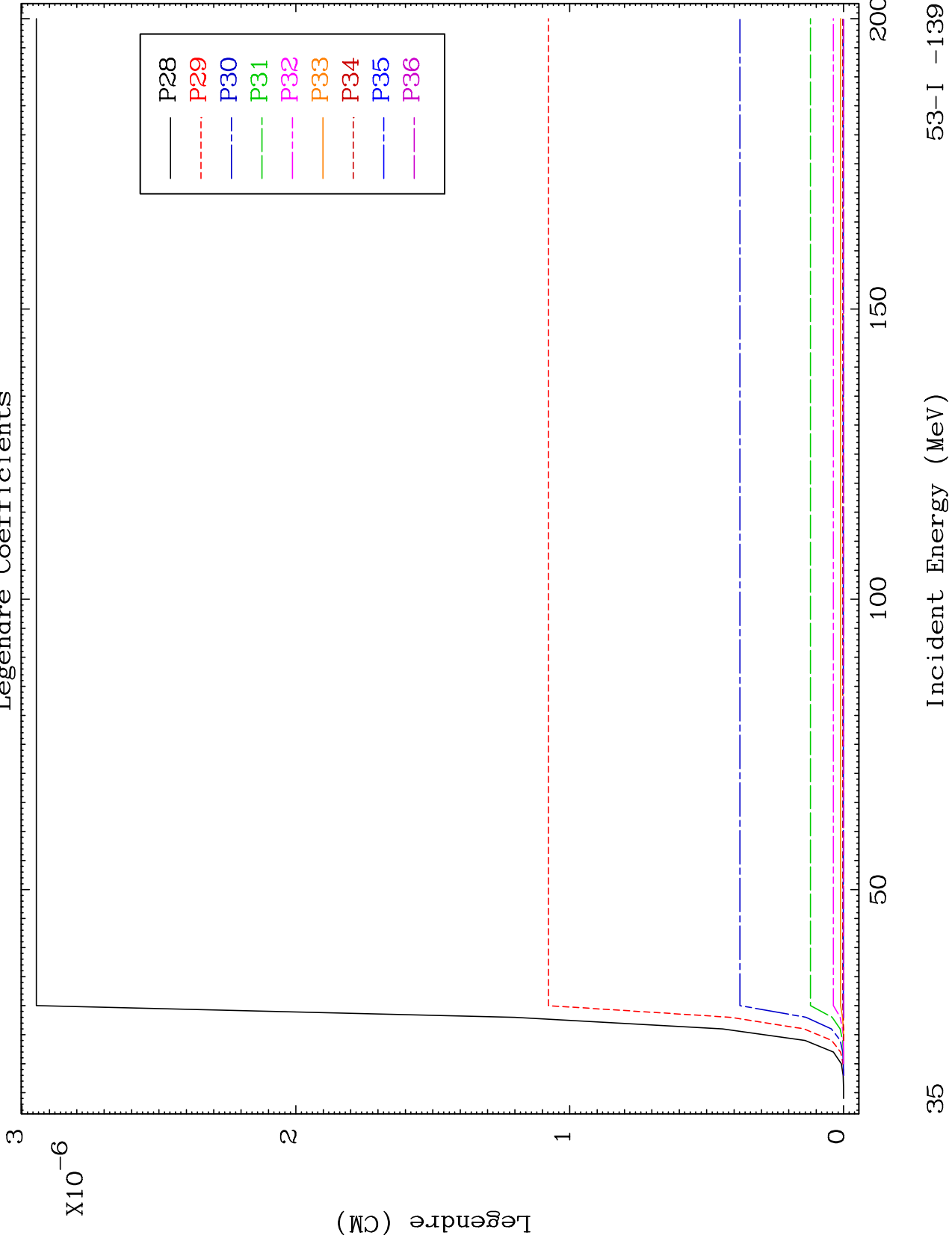
53-I -139



MAT 5361

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

53-I -139



35

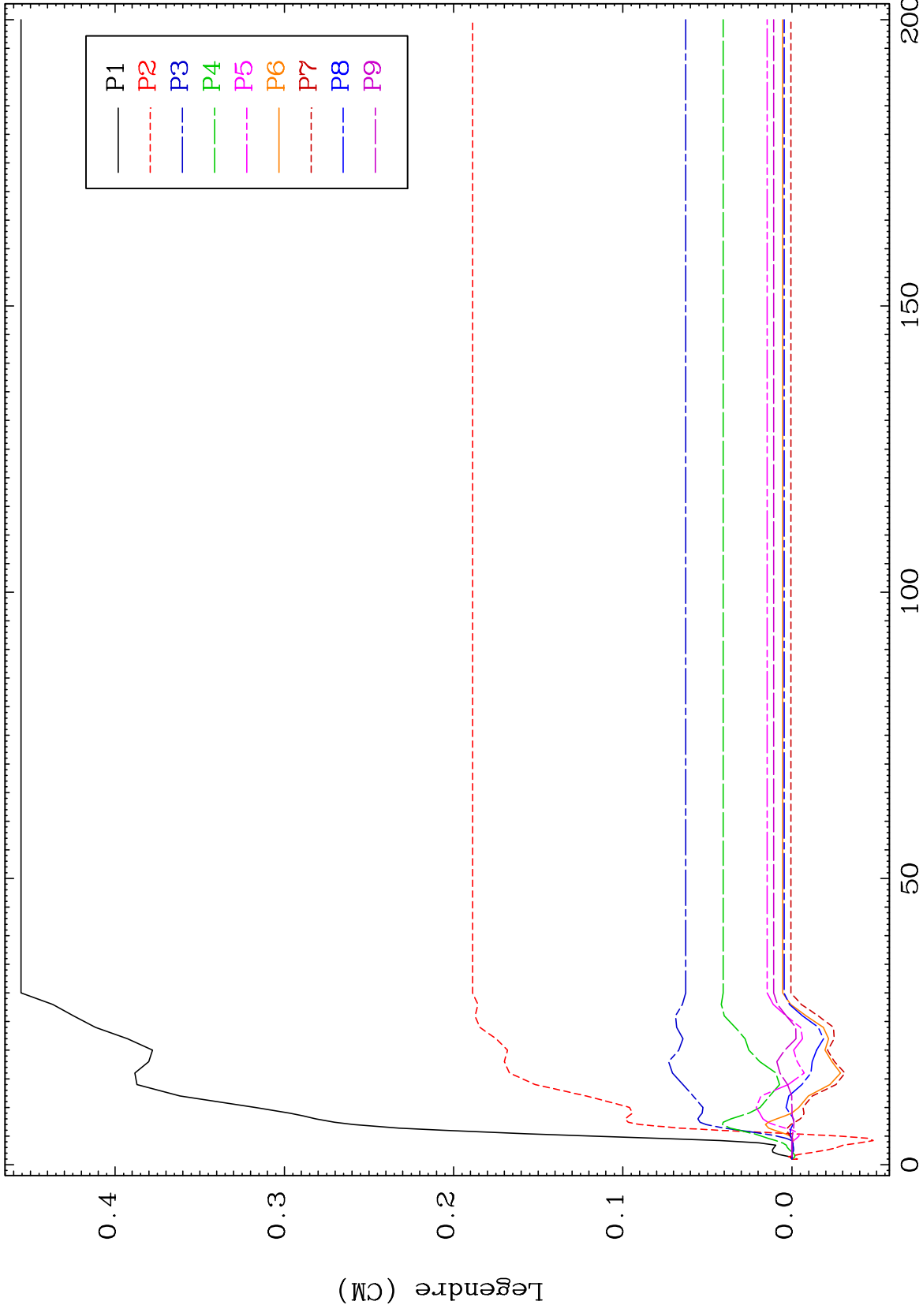
Incident Energy (MeV)

53-I -139

MAT 5361

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

53-I -139



36

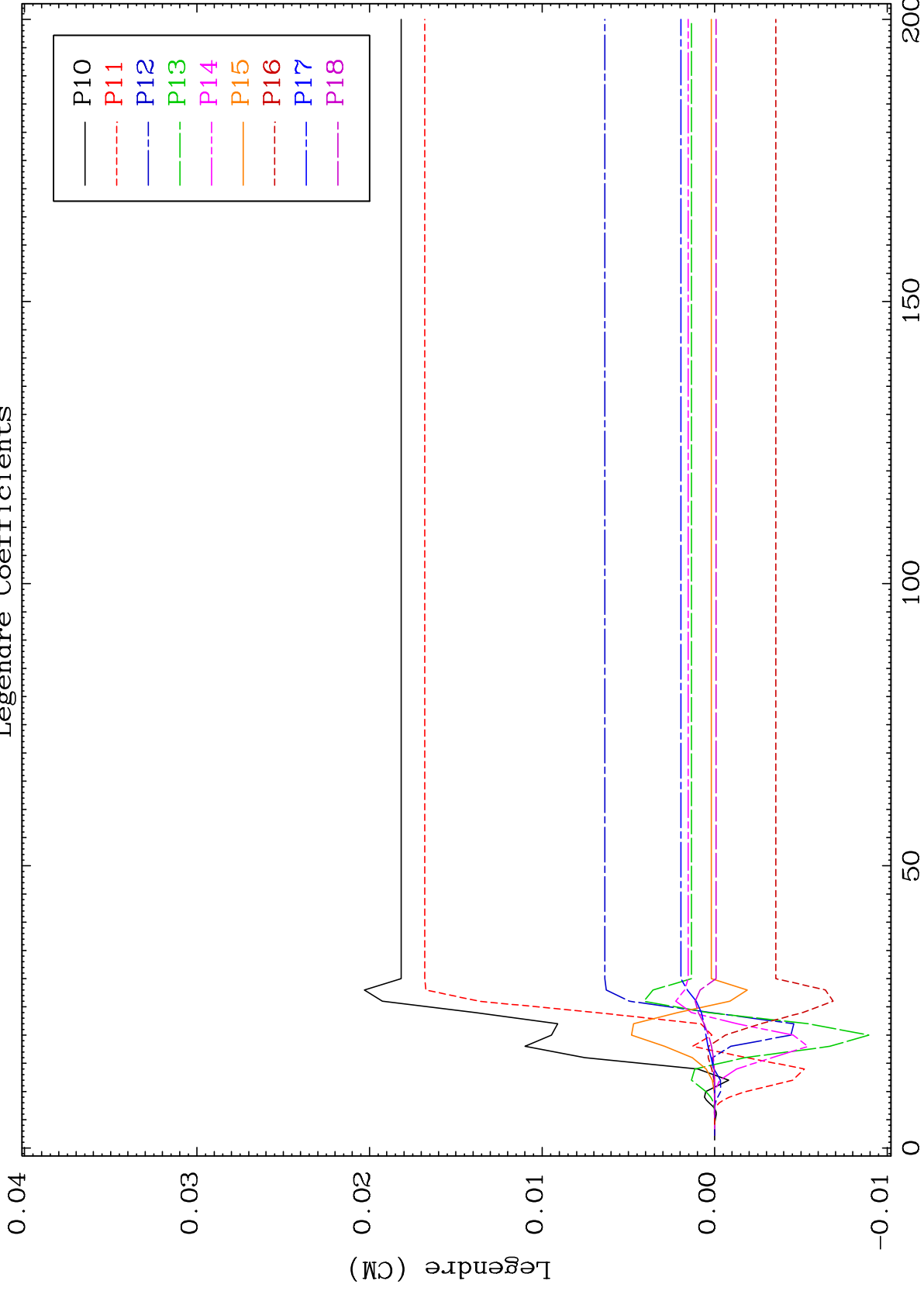
Incident Energy (MeV)

53-I -139

MAT 5361

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

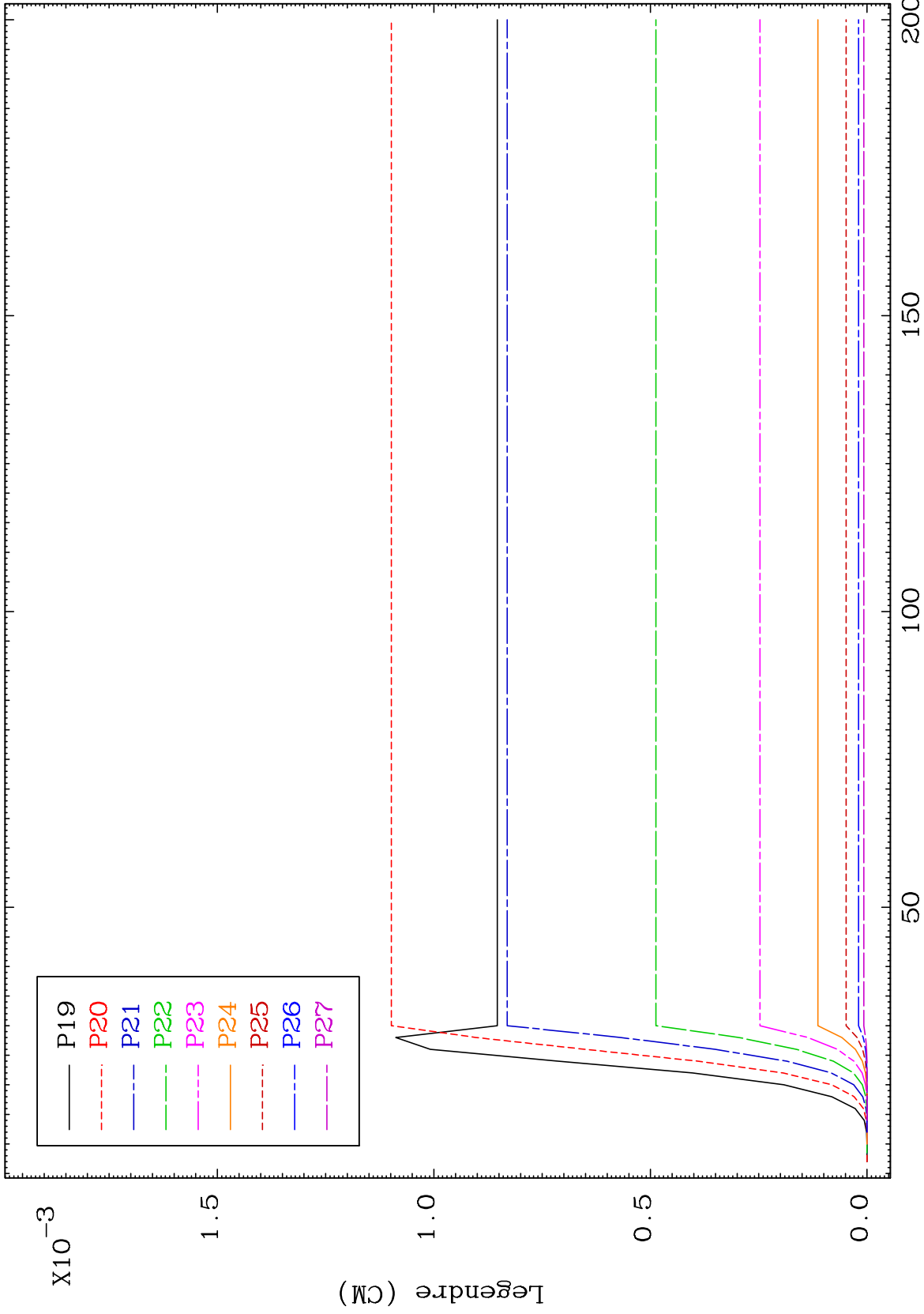
53-I -139

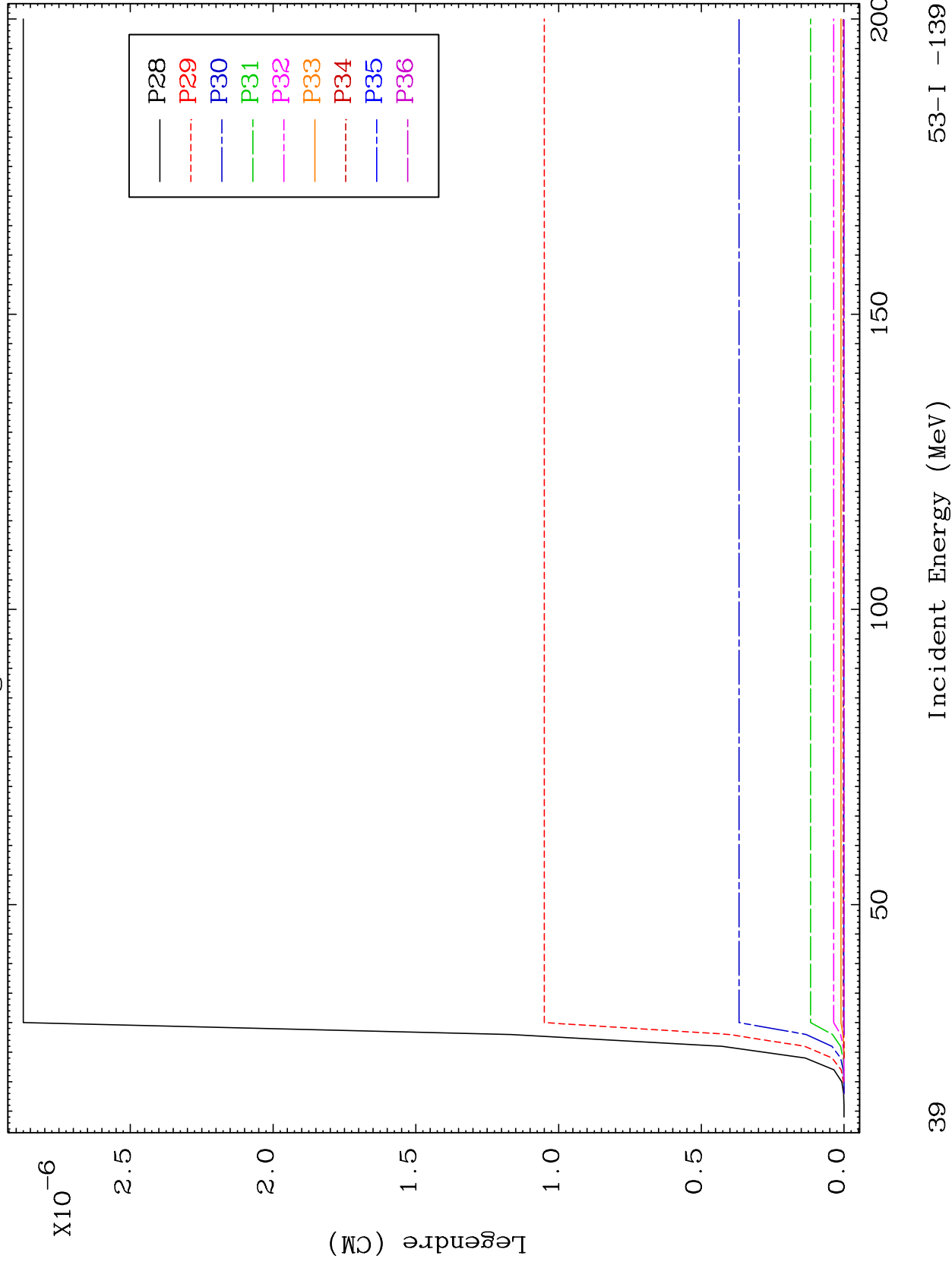


37

Incident Energy (MeV)

53-I -139

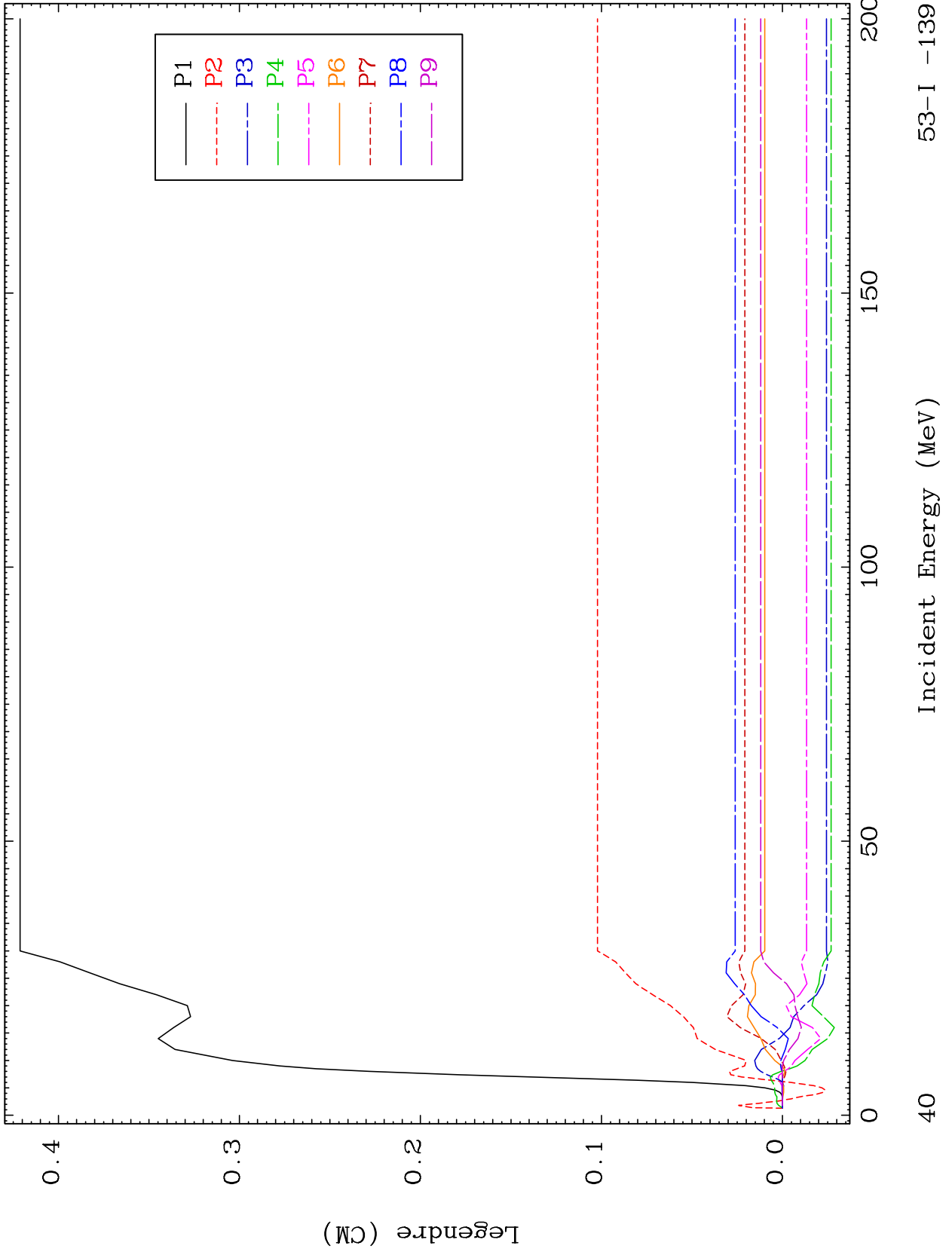




MAT 5361

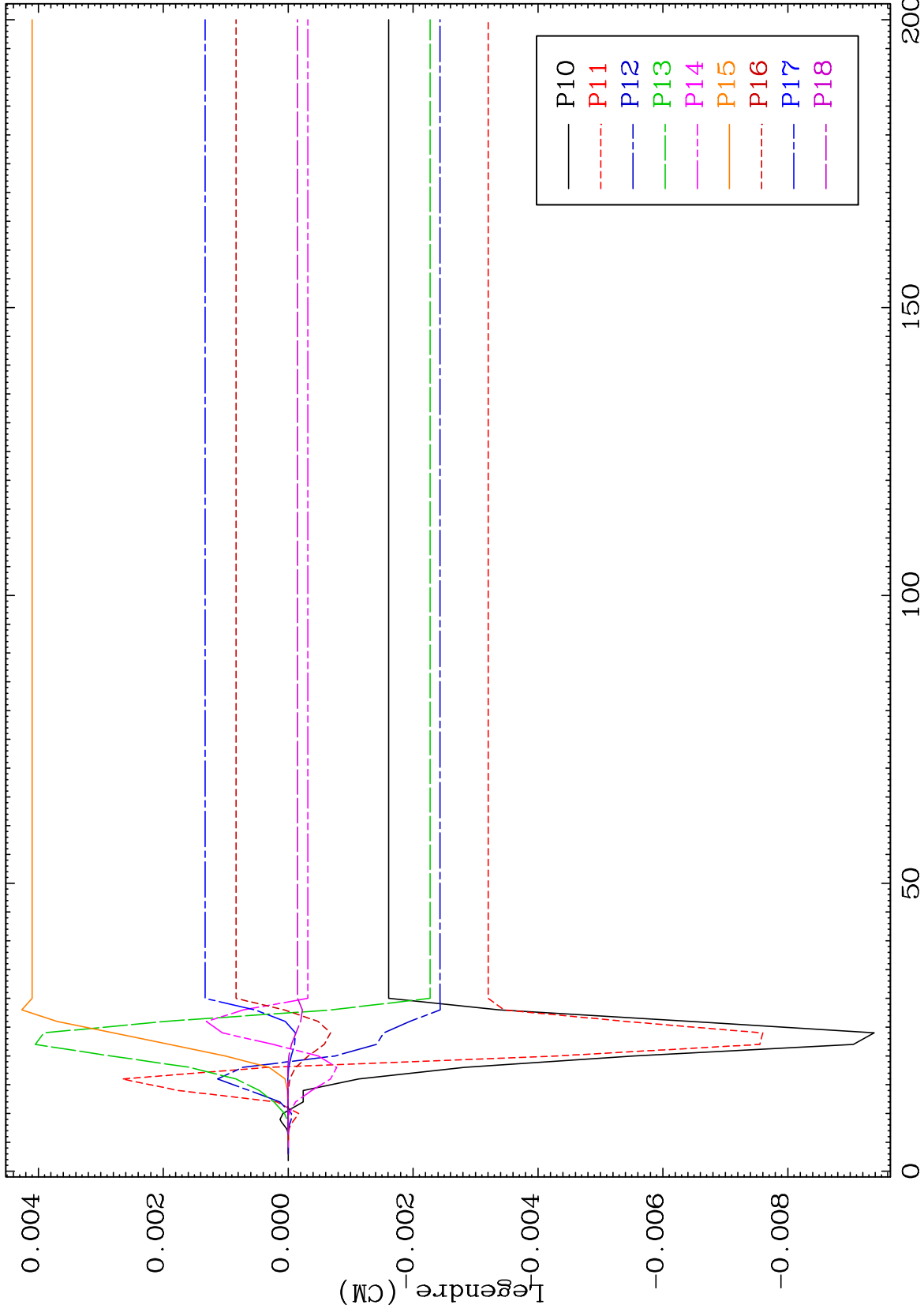
MT= 56 (n,n') Level
Legendre Coefficients

53-I -139



53-I -139

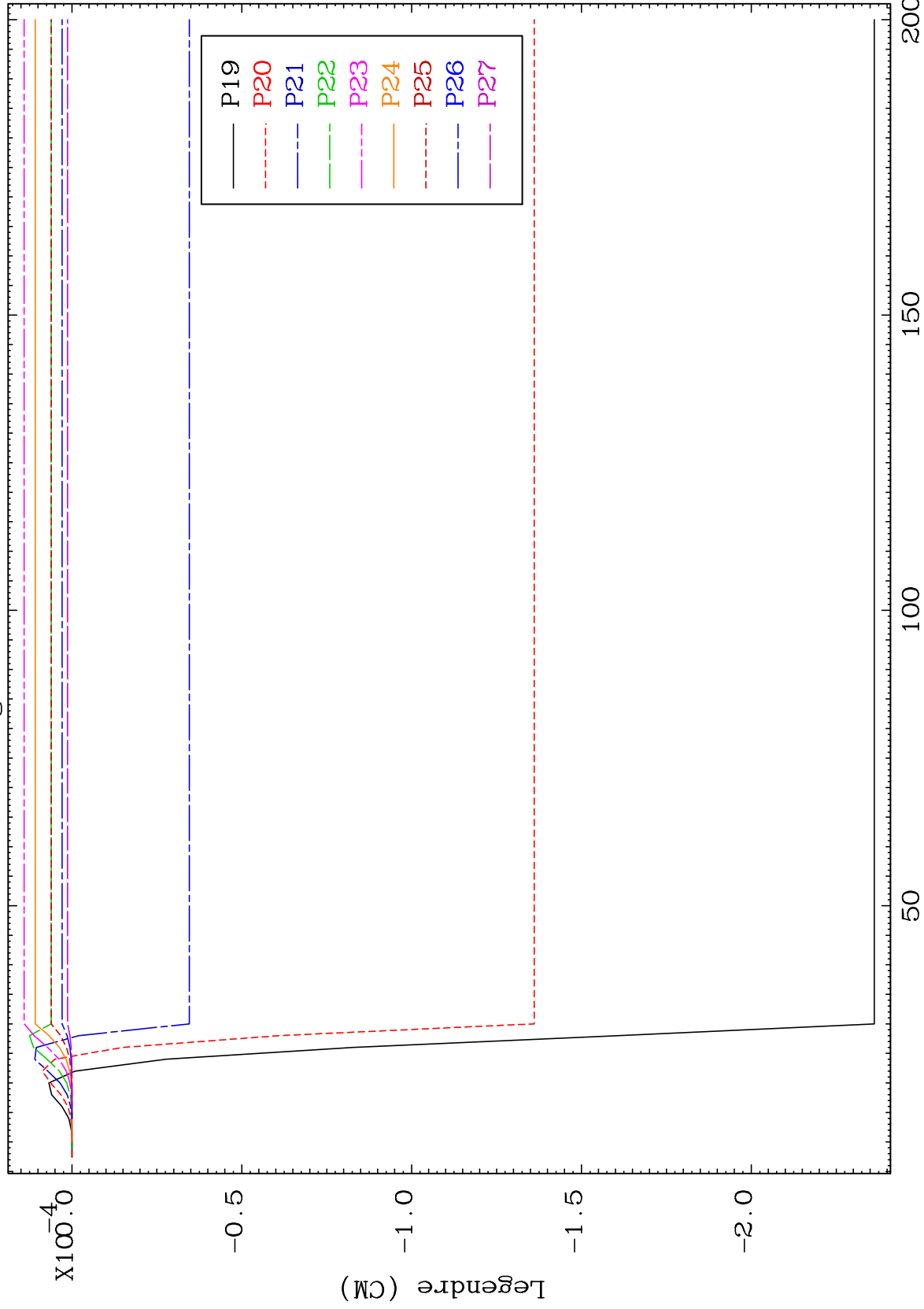
Incident Energy (MeV)



MAT 5361

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

53-I -139



42

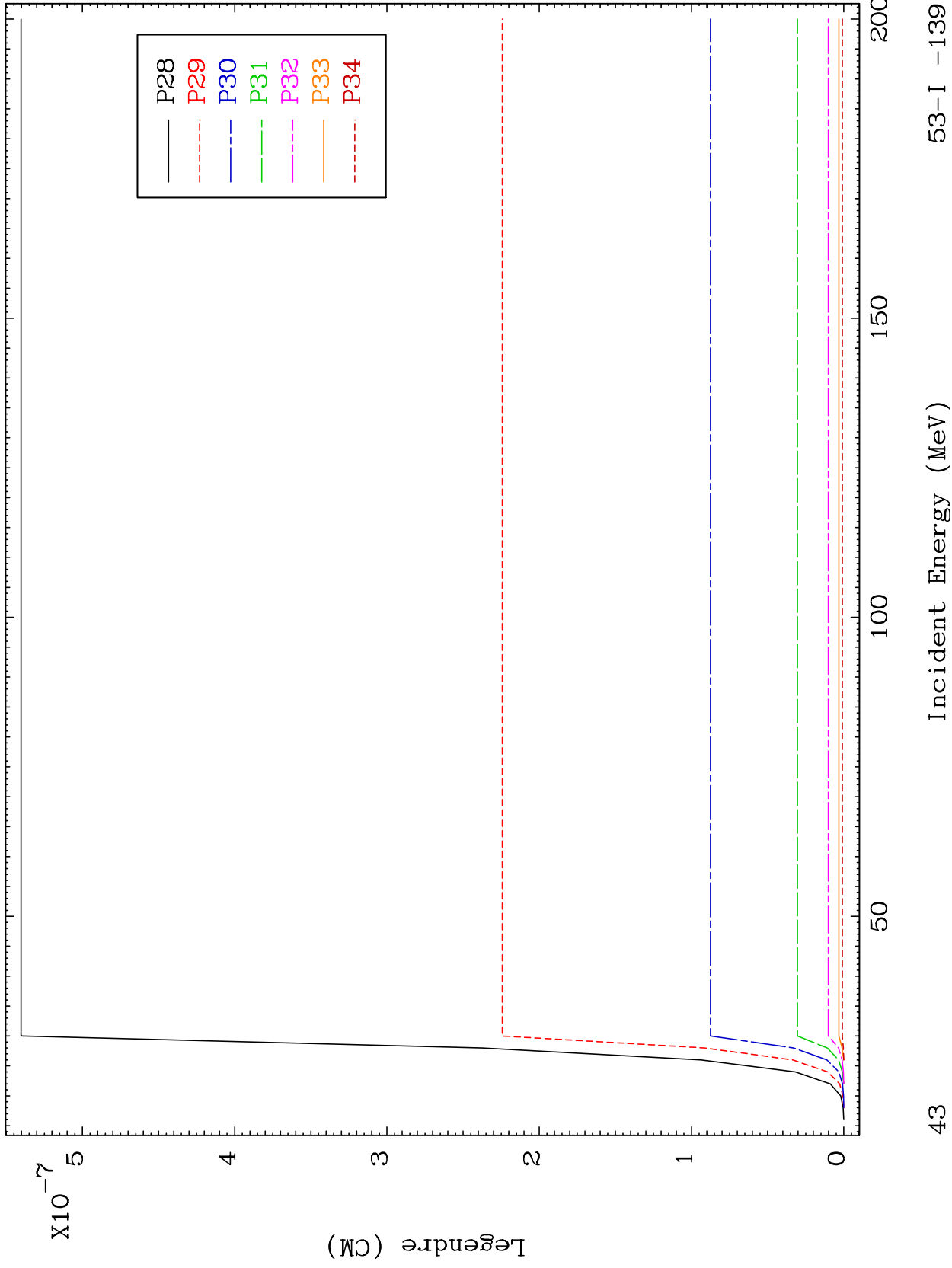
Incident Energy (MeV)

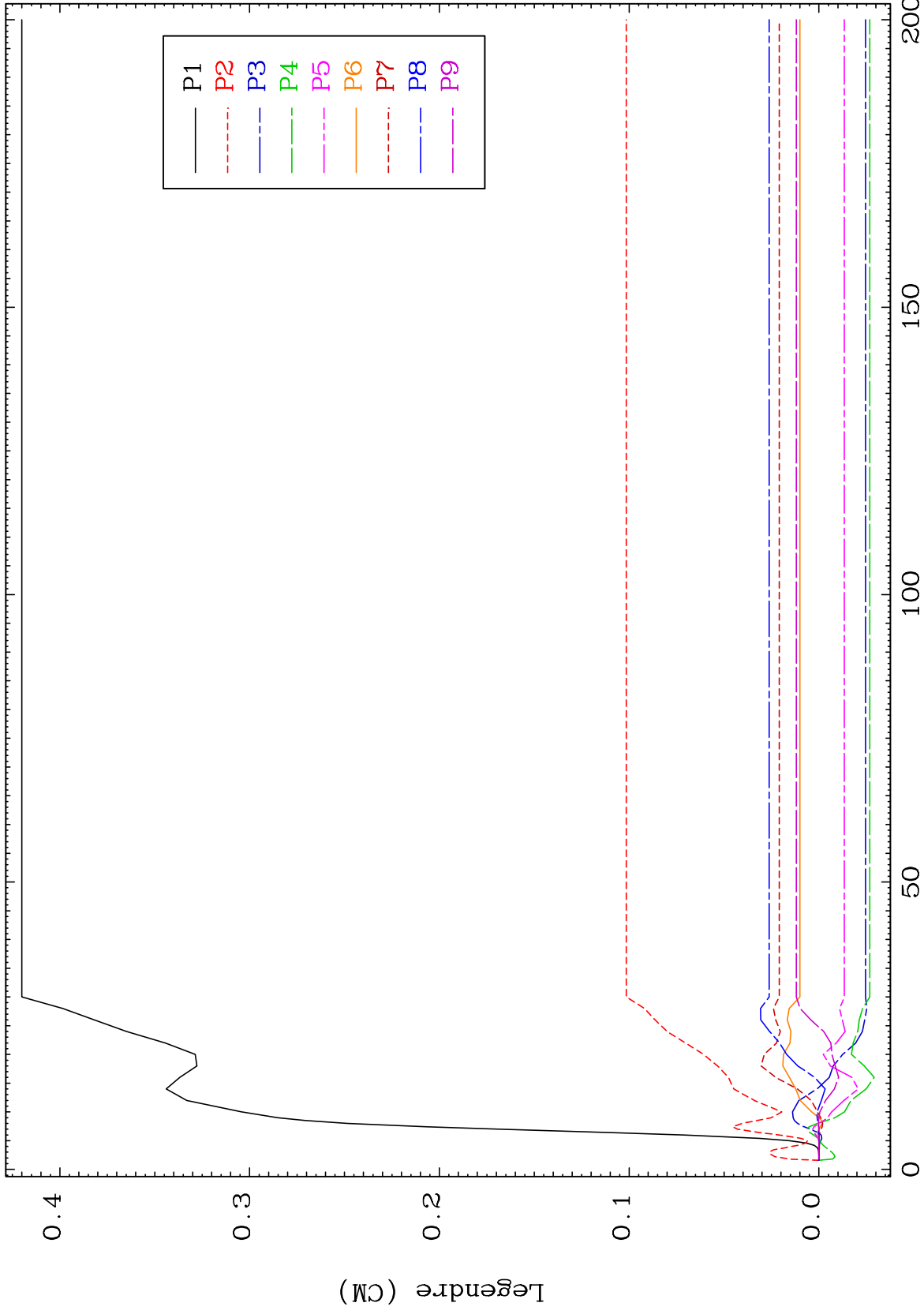
53-I -139

MAT 5361

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

53-I -139

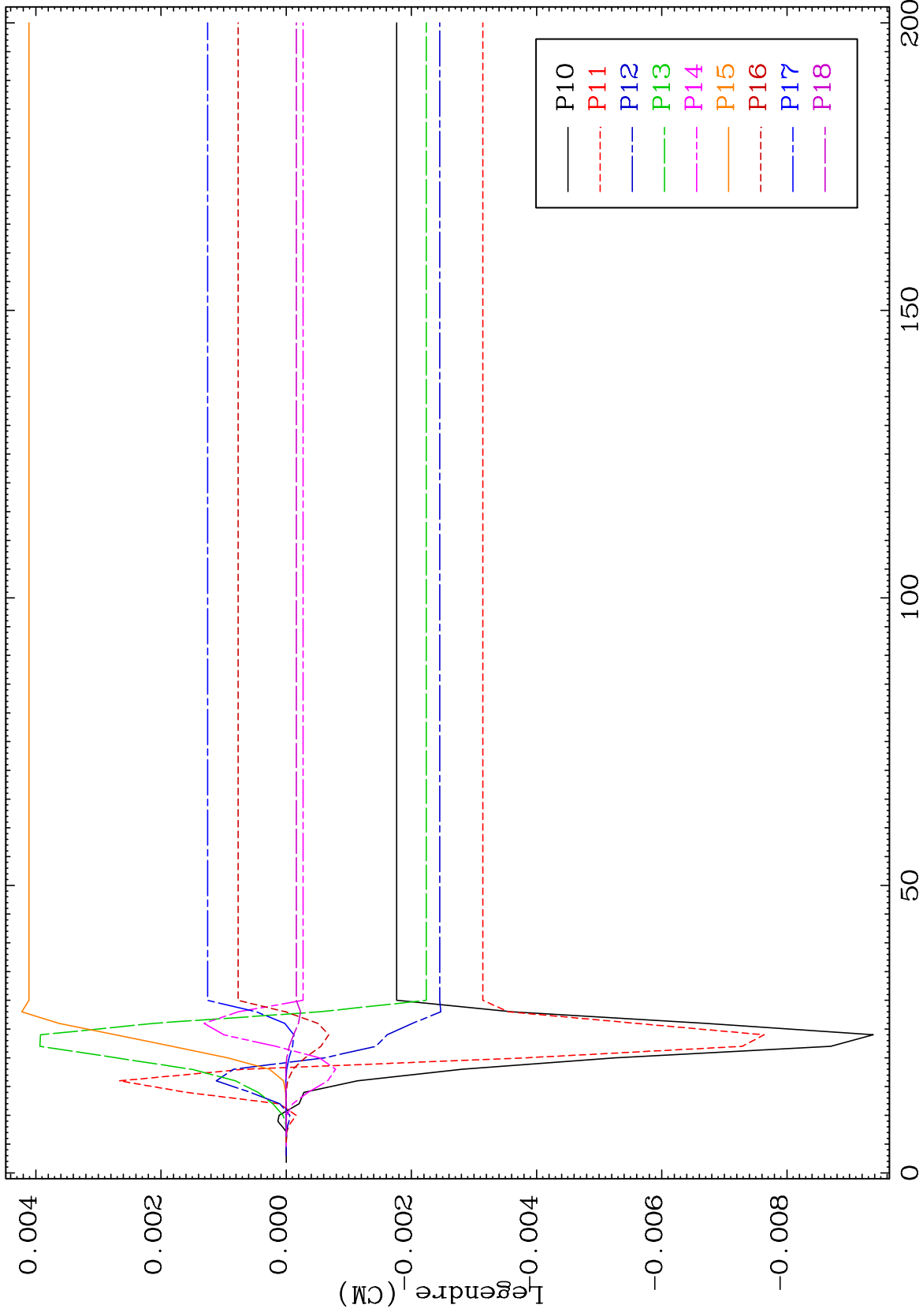




MAT 5361

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

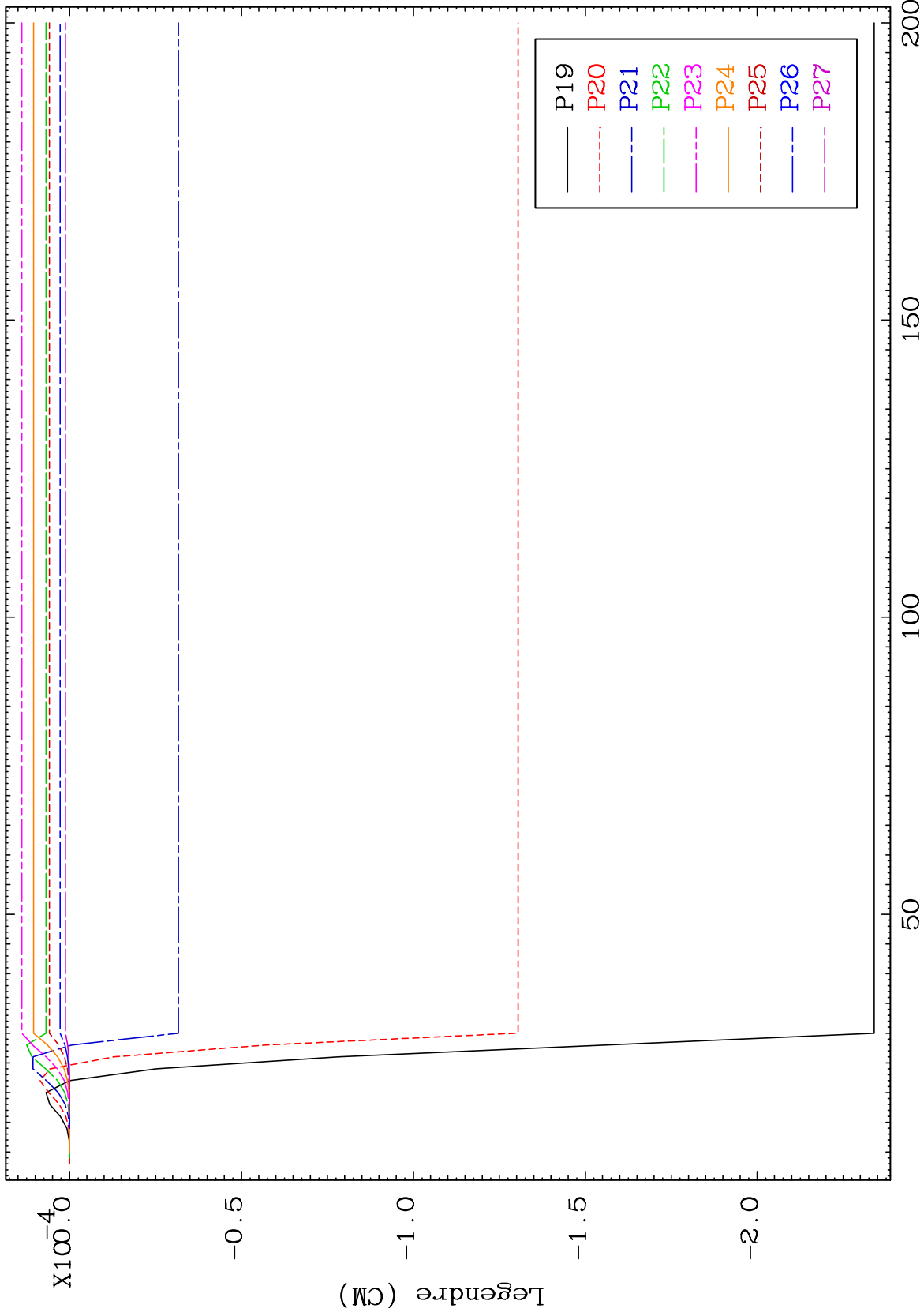
53-I -139

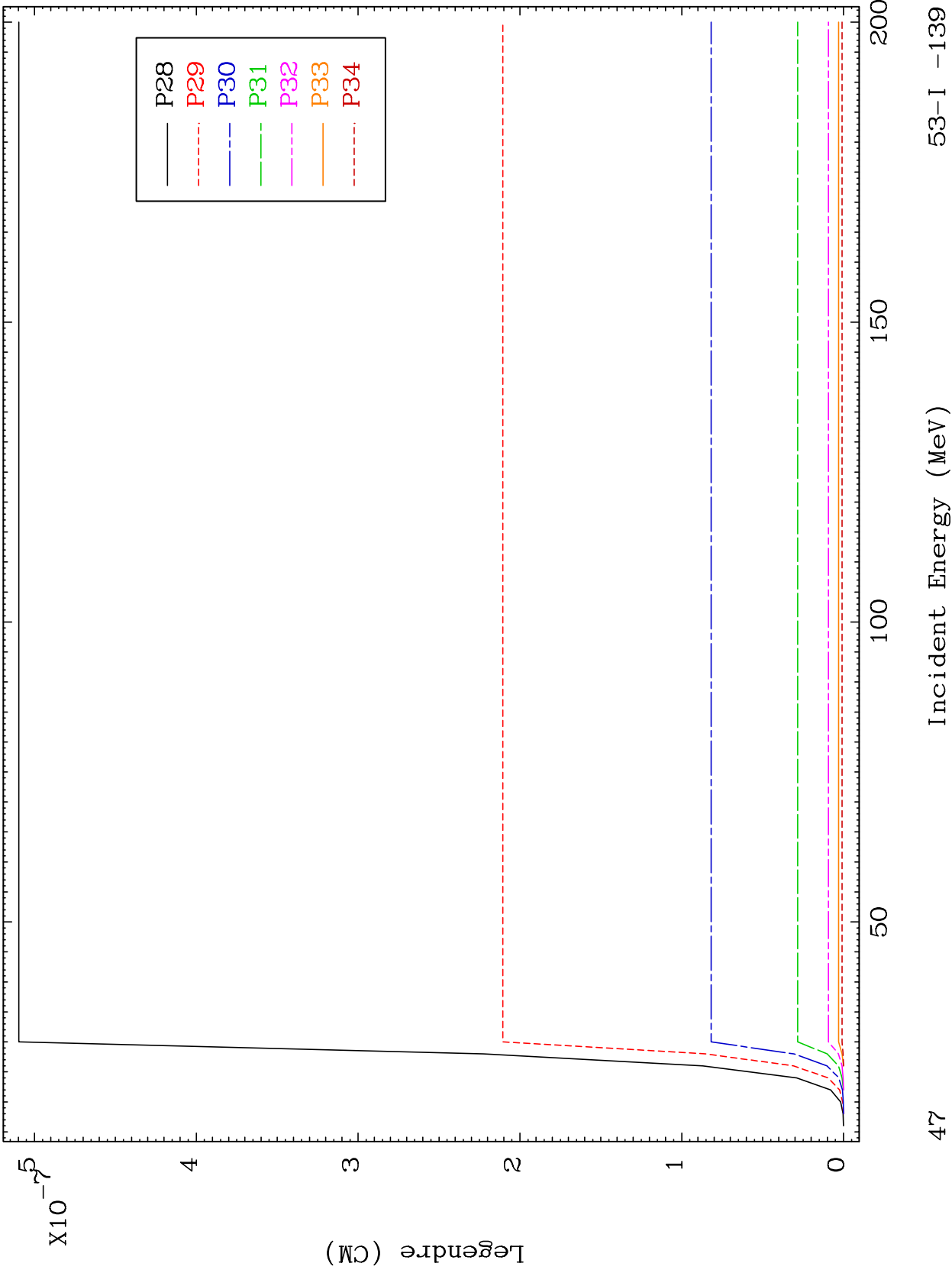


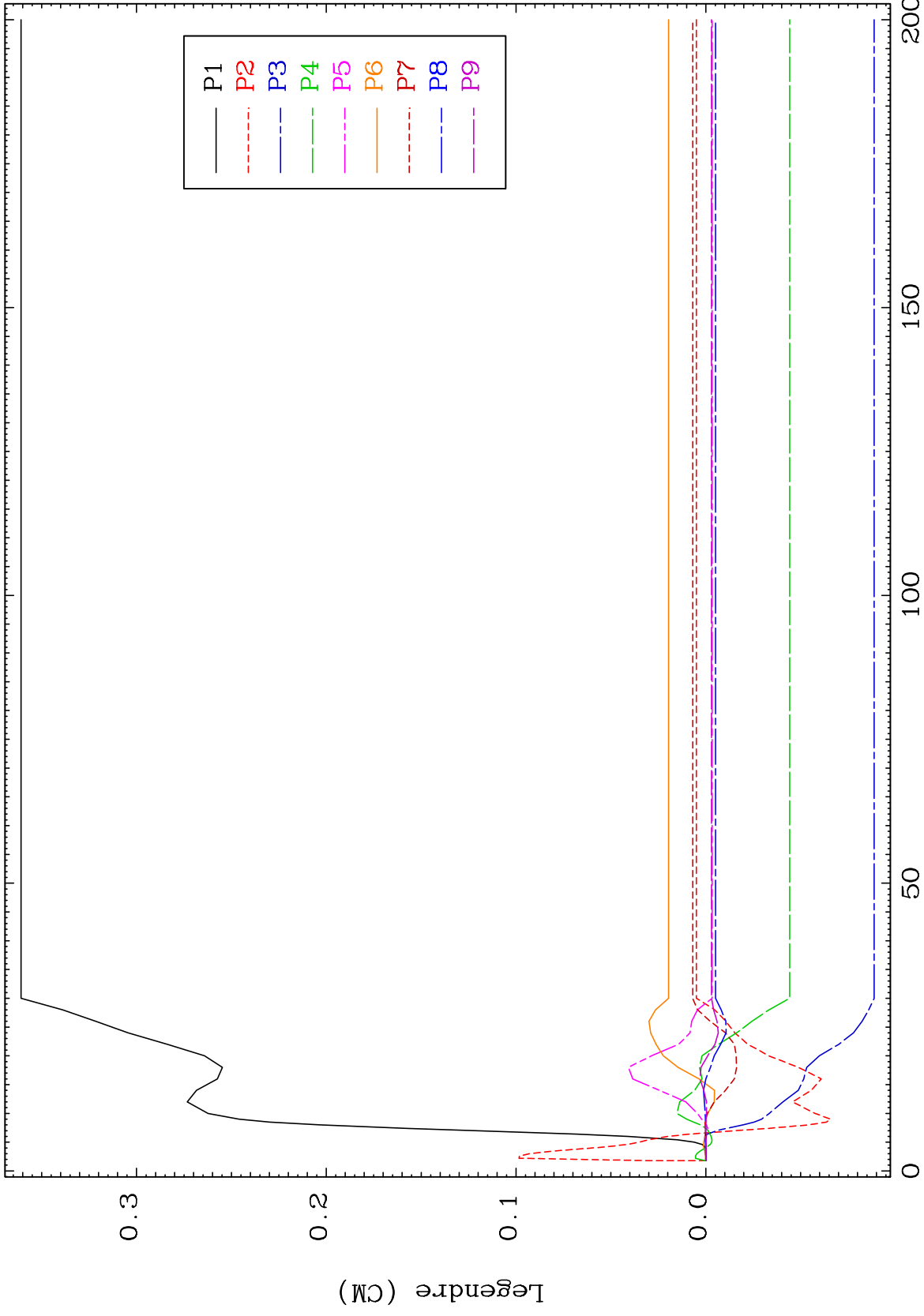
45

Incident Energy (MeV)

53-I -139



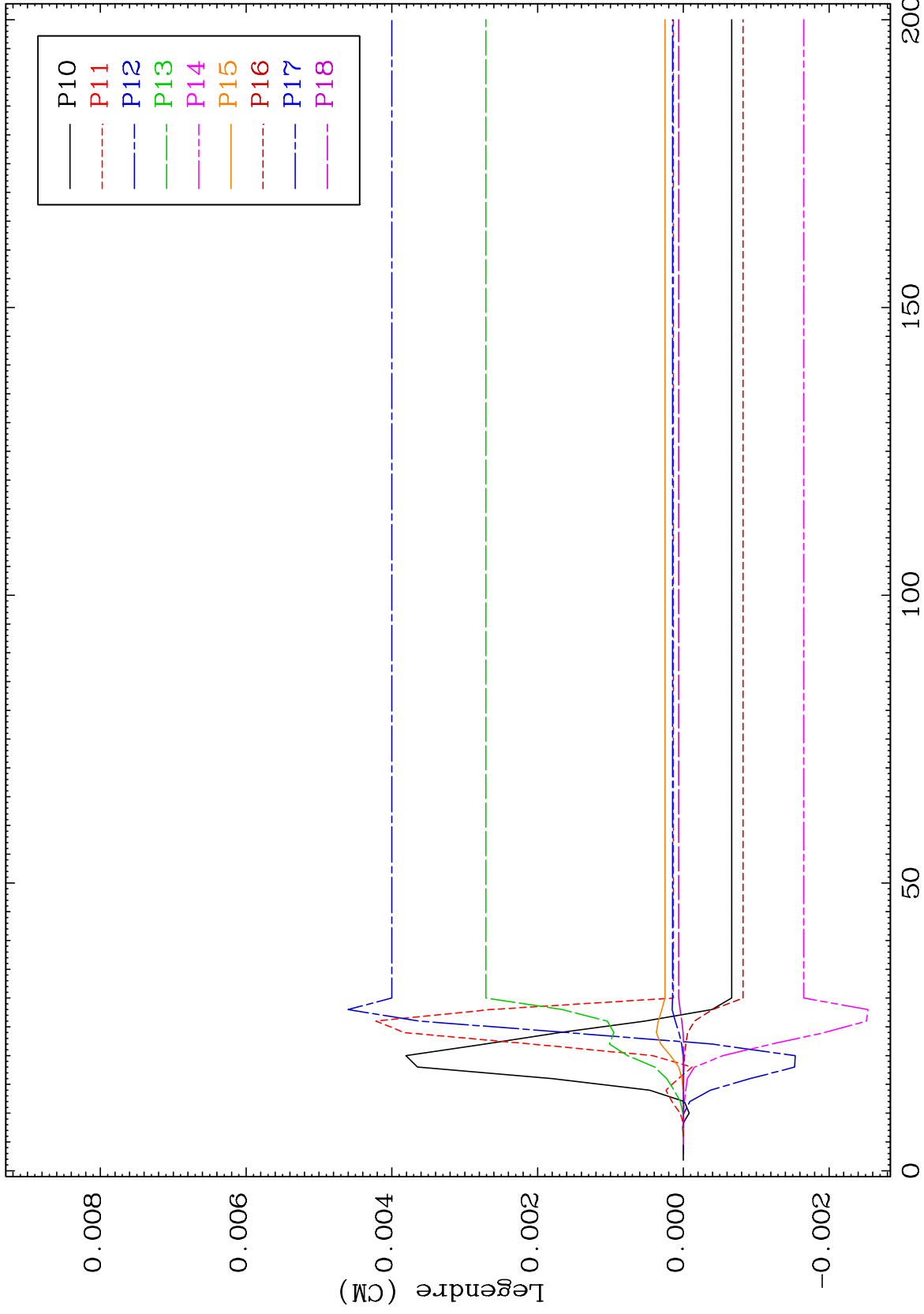




MAT 5361

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

53-I -139



49

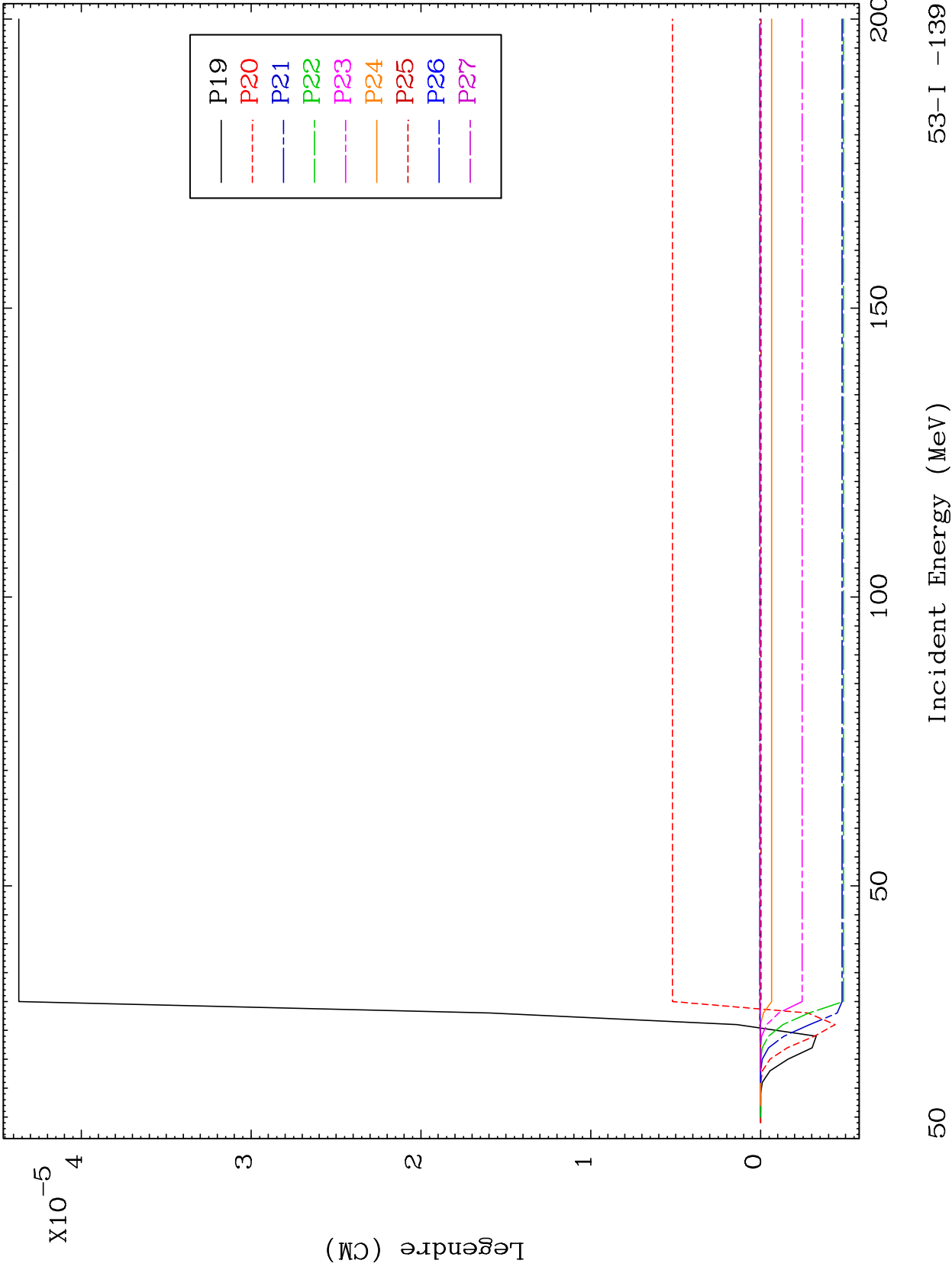
Incident Energy (MeV)

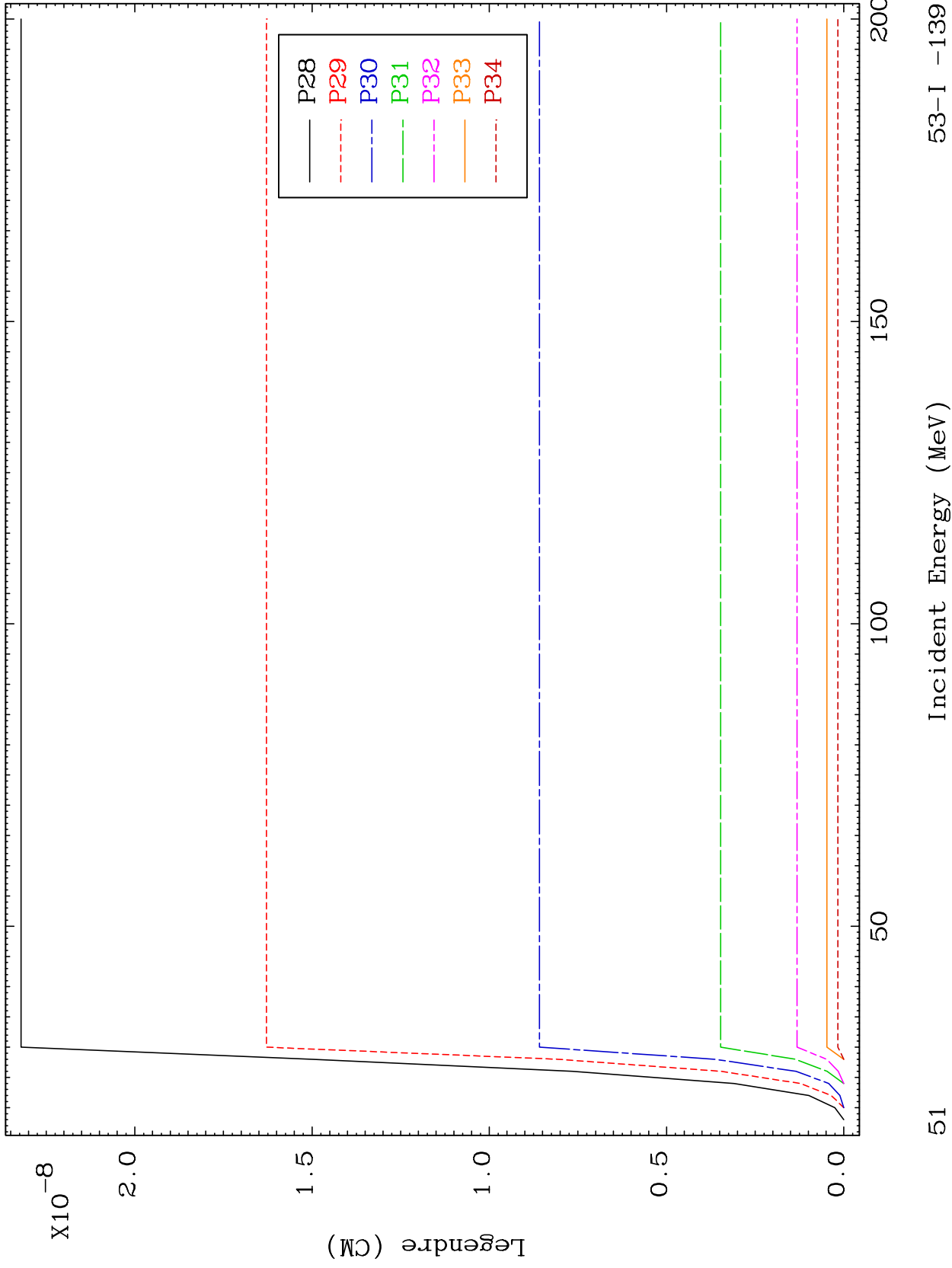
53-I -139

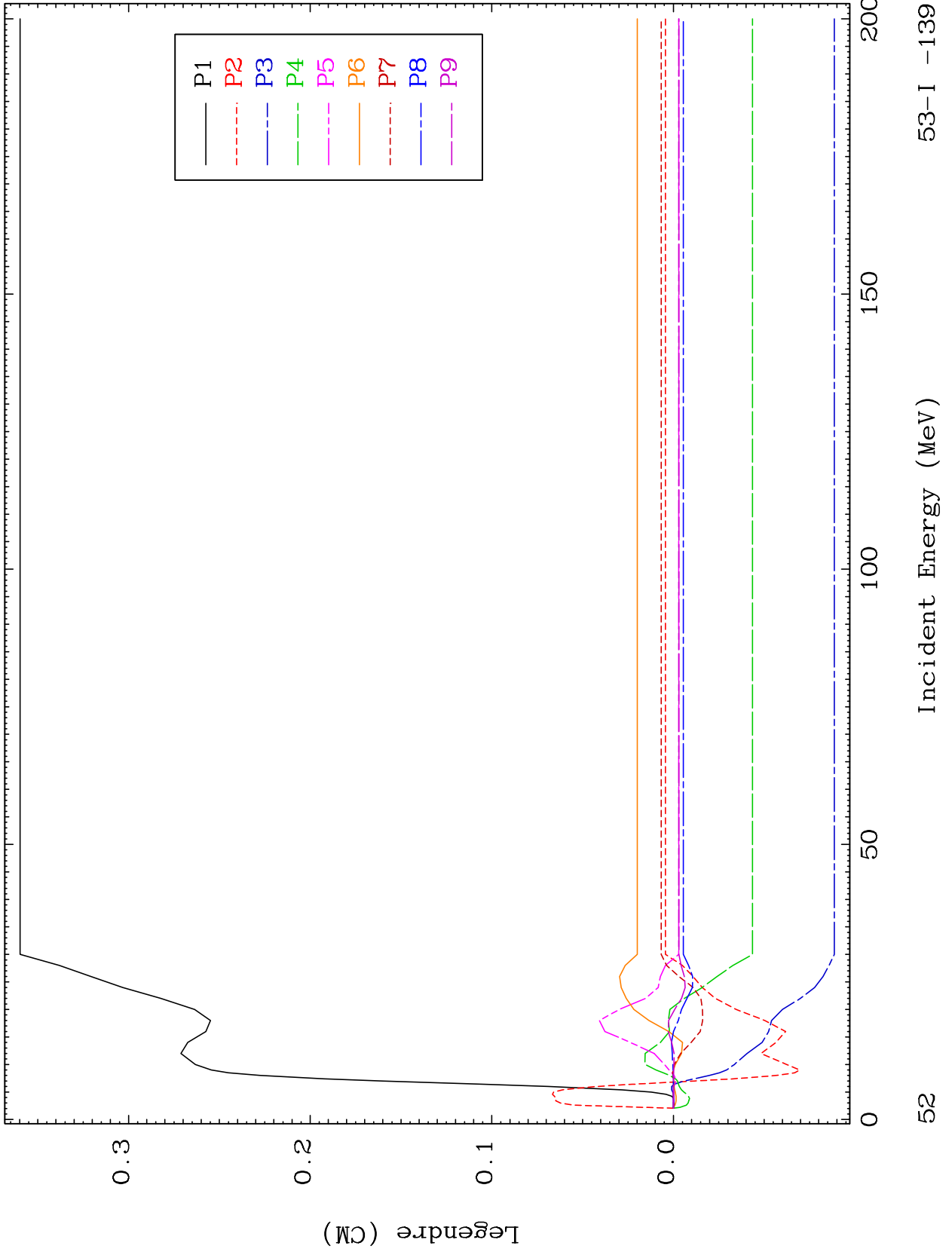
MAT 5361

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

53-I -139



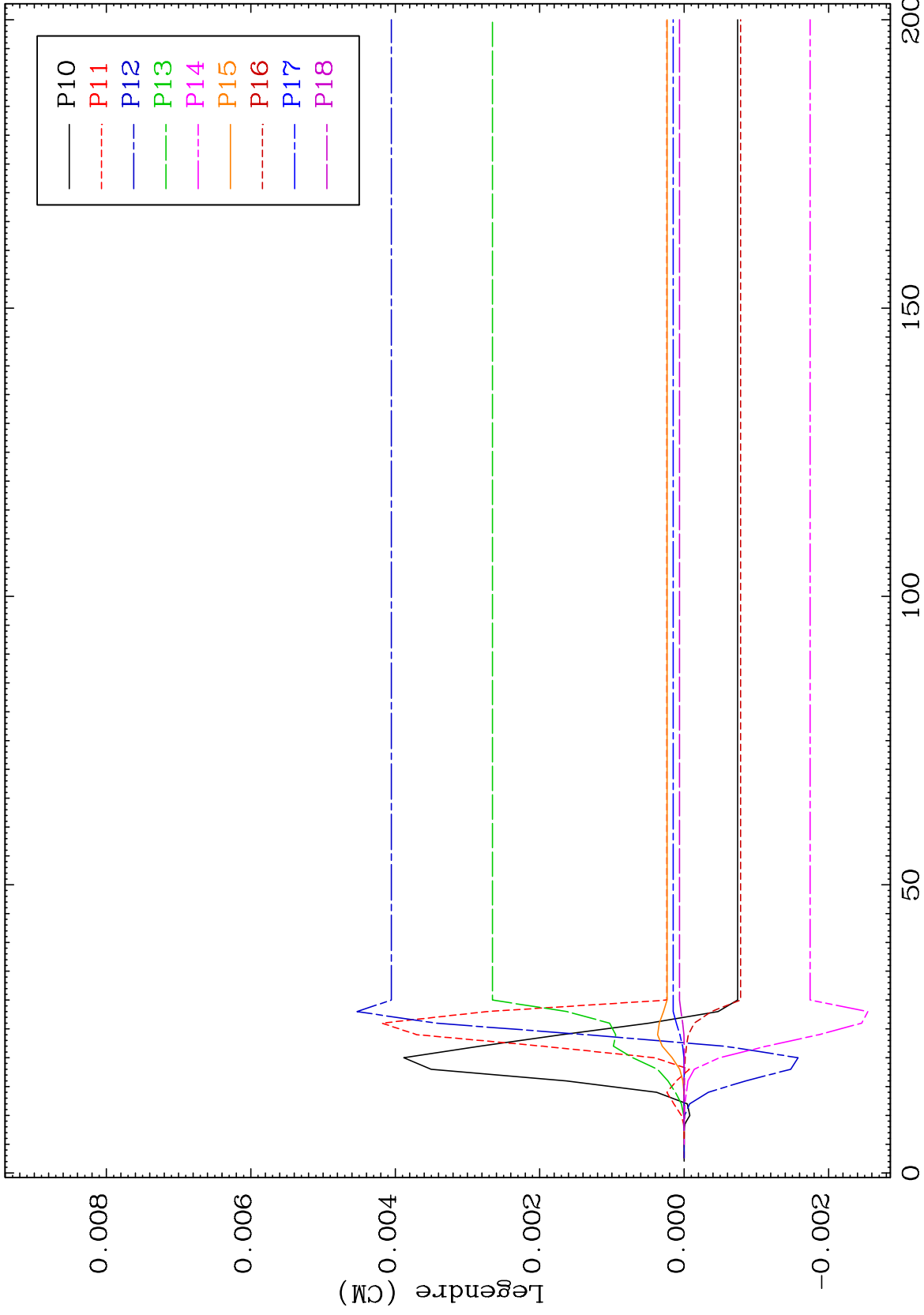




MAT 5361

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

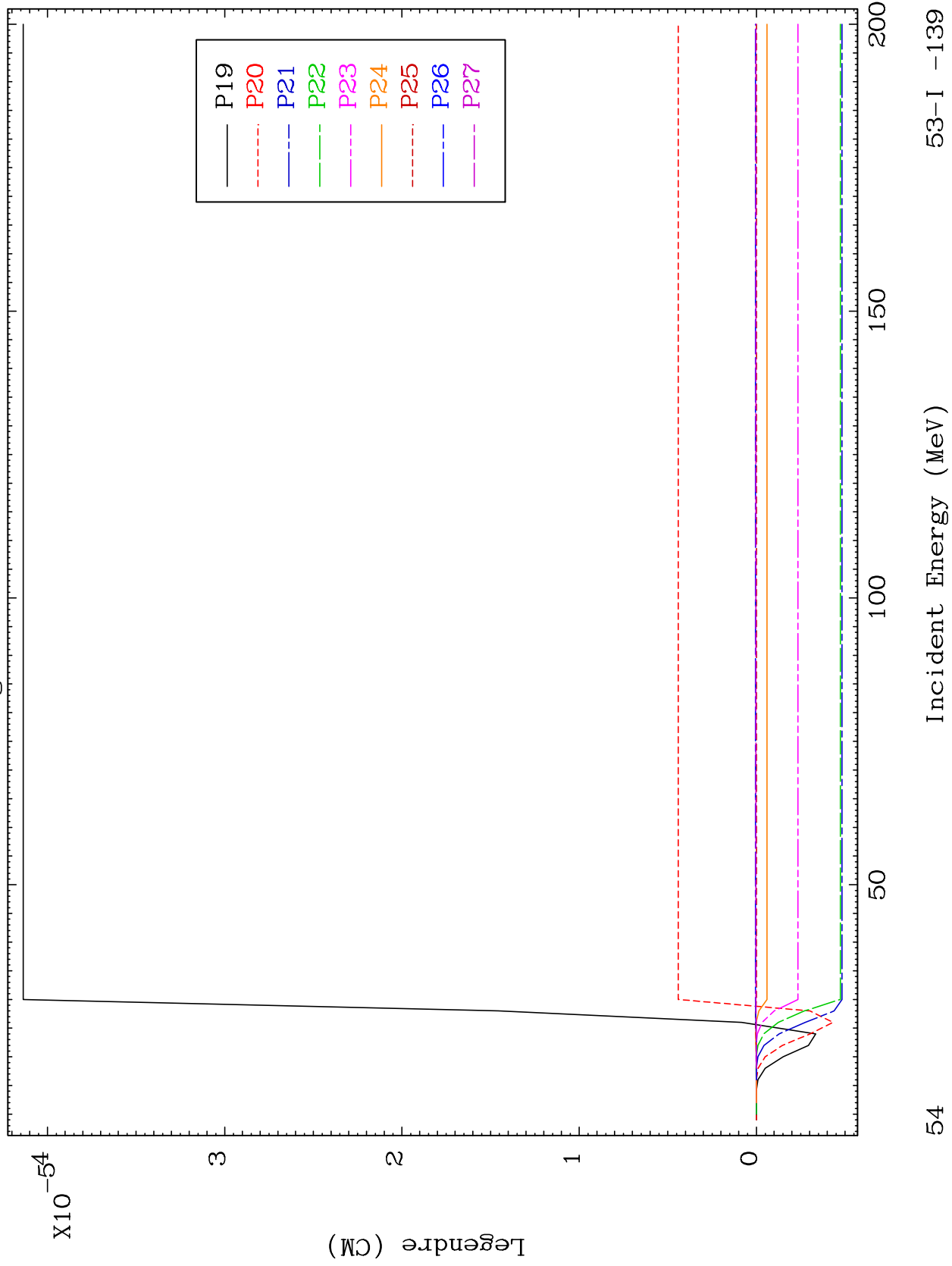
53-I -139

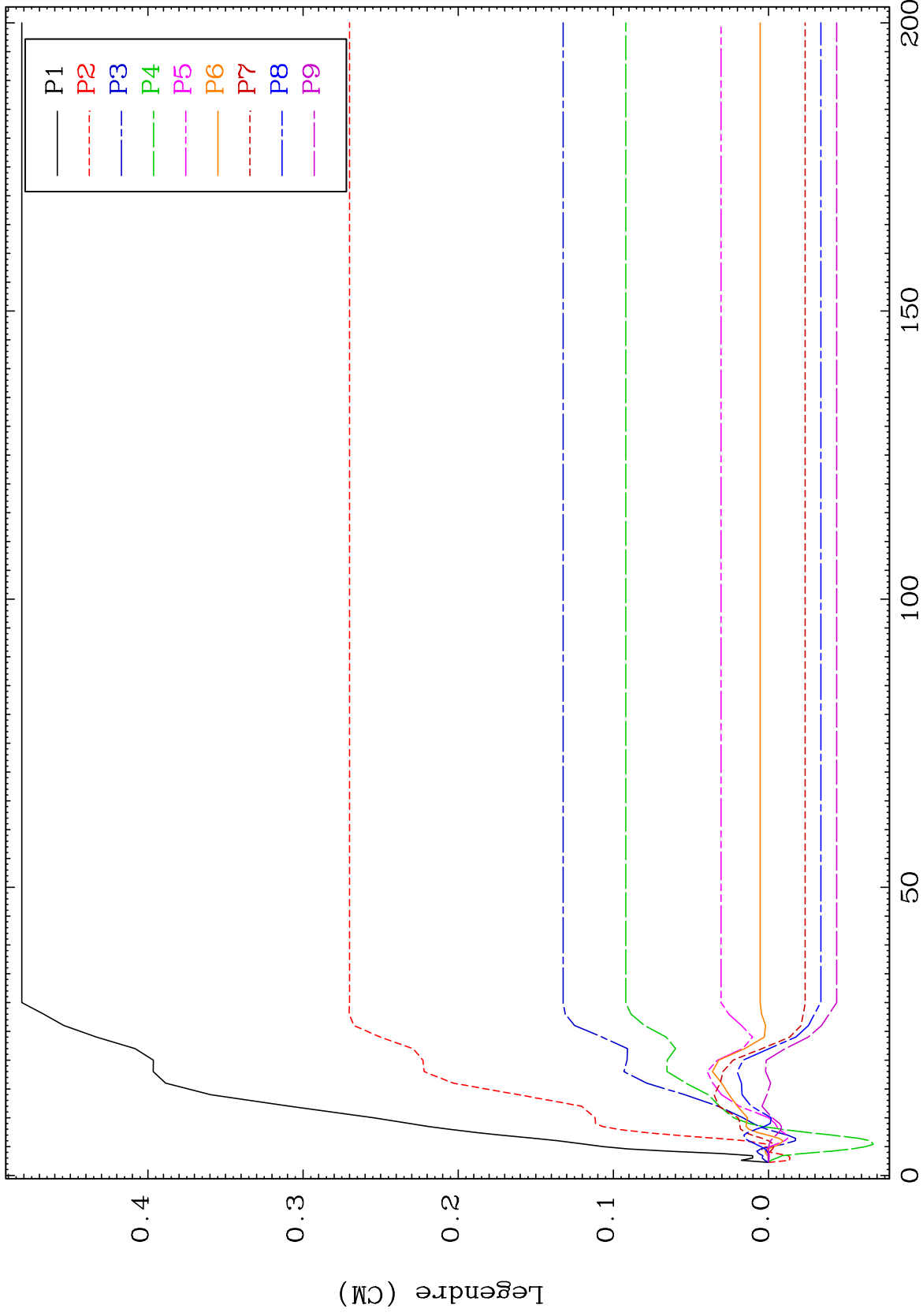


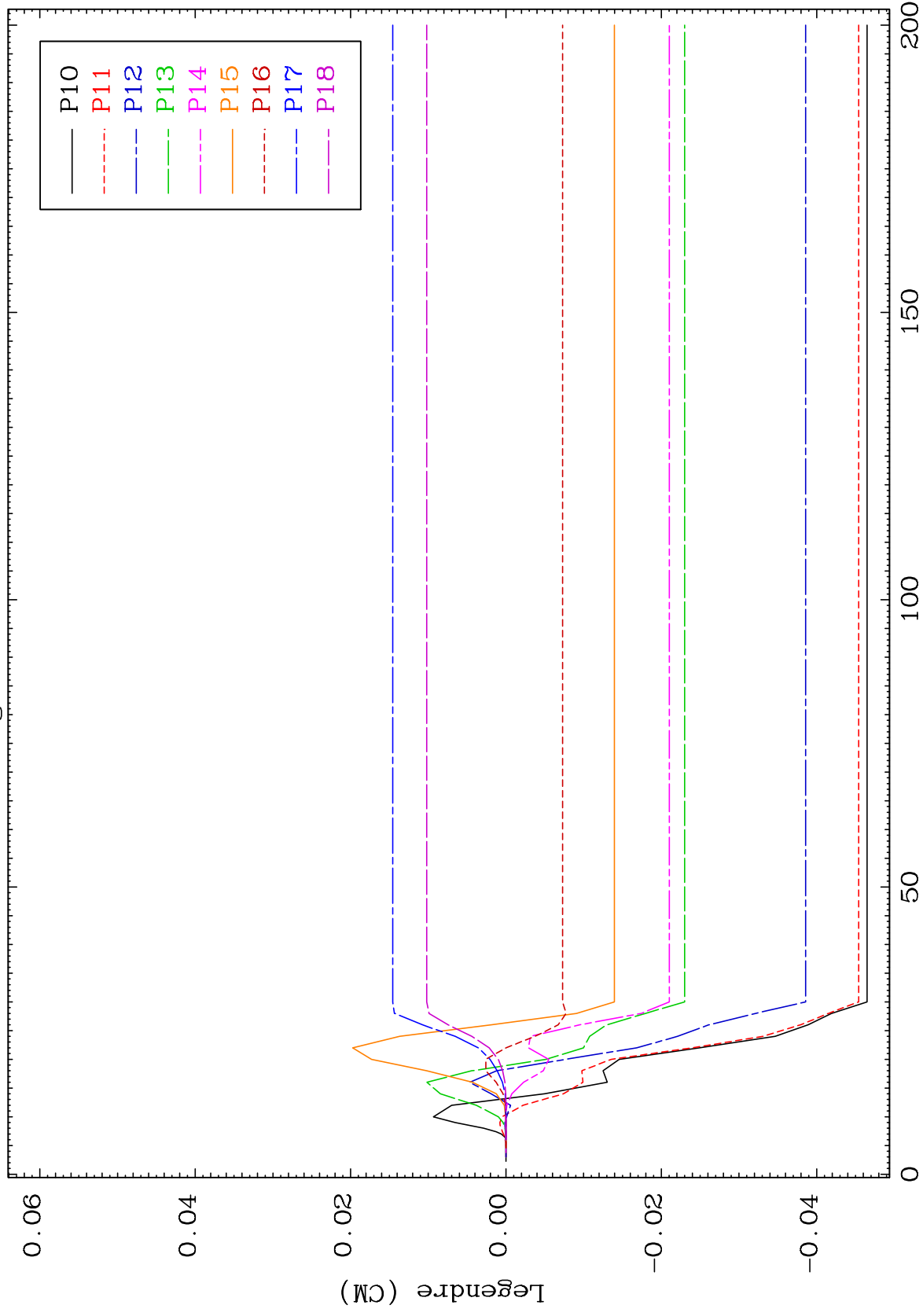
53

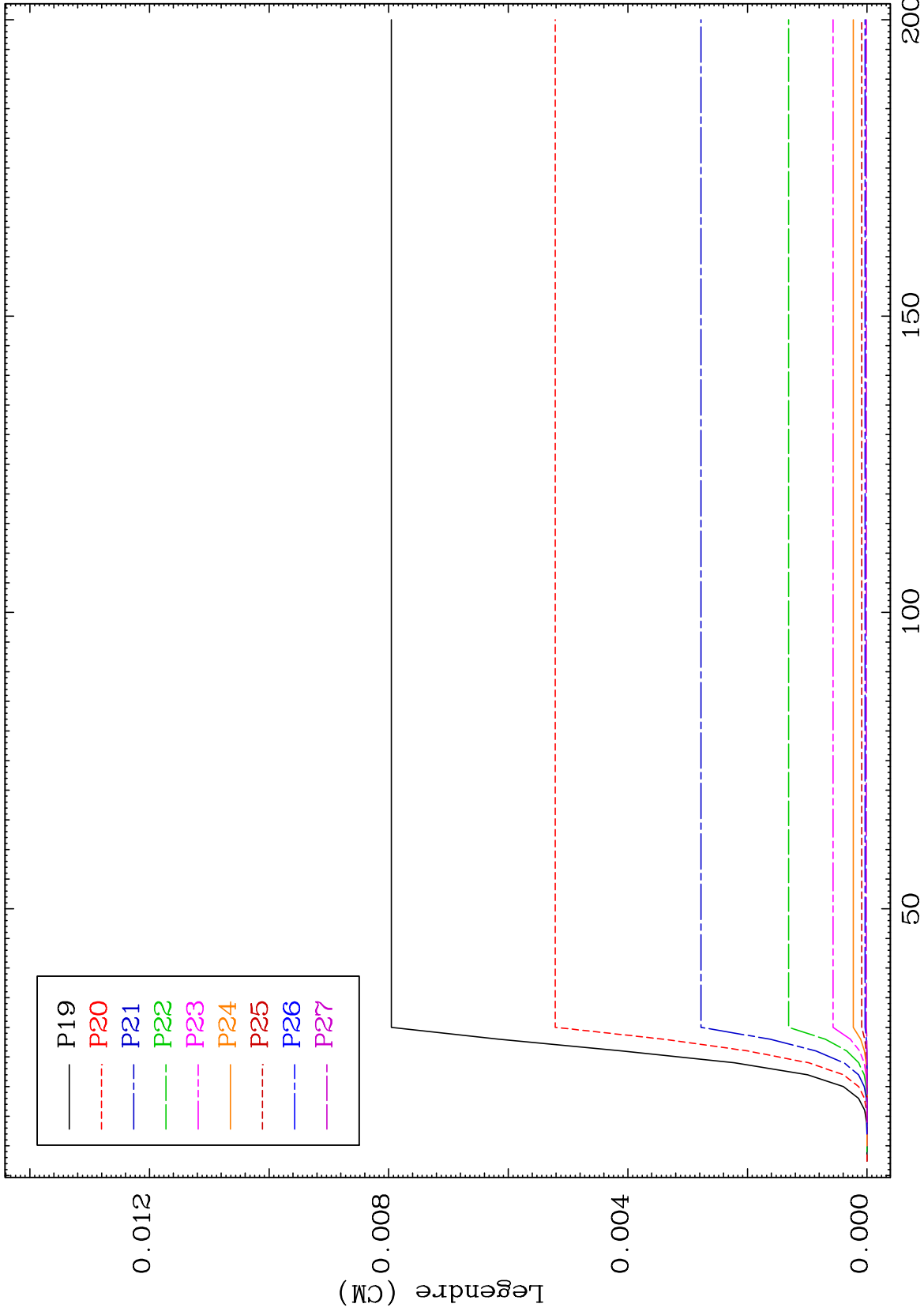
Incident Energy (MeV)

53-I -139





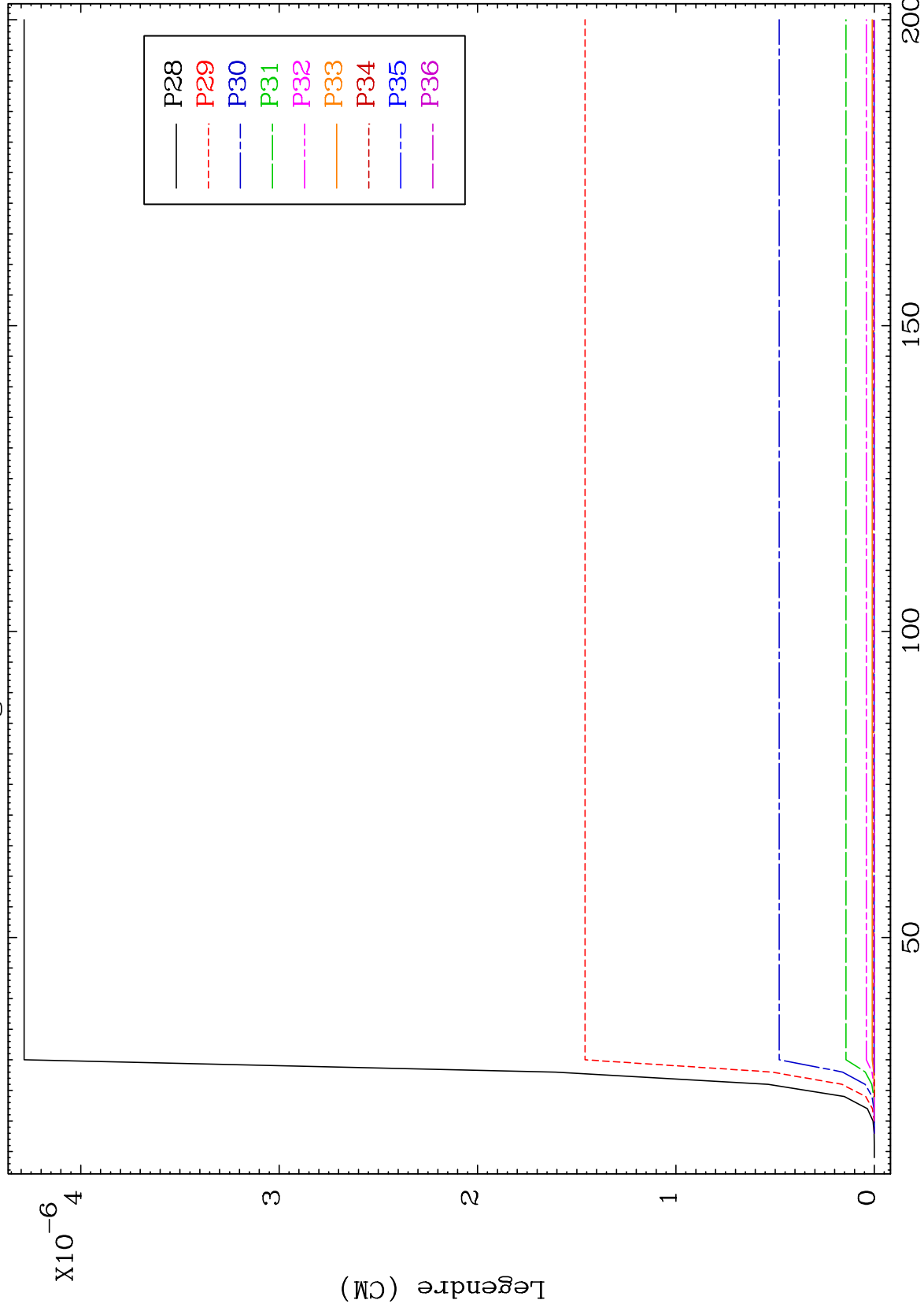




MAT 5361

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

53-I -139



59

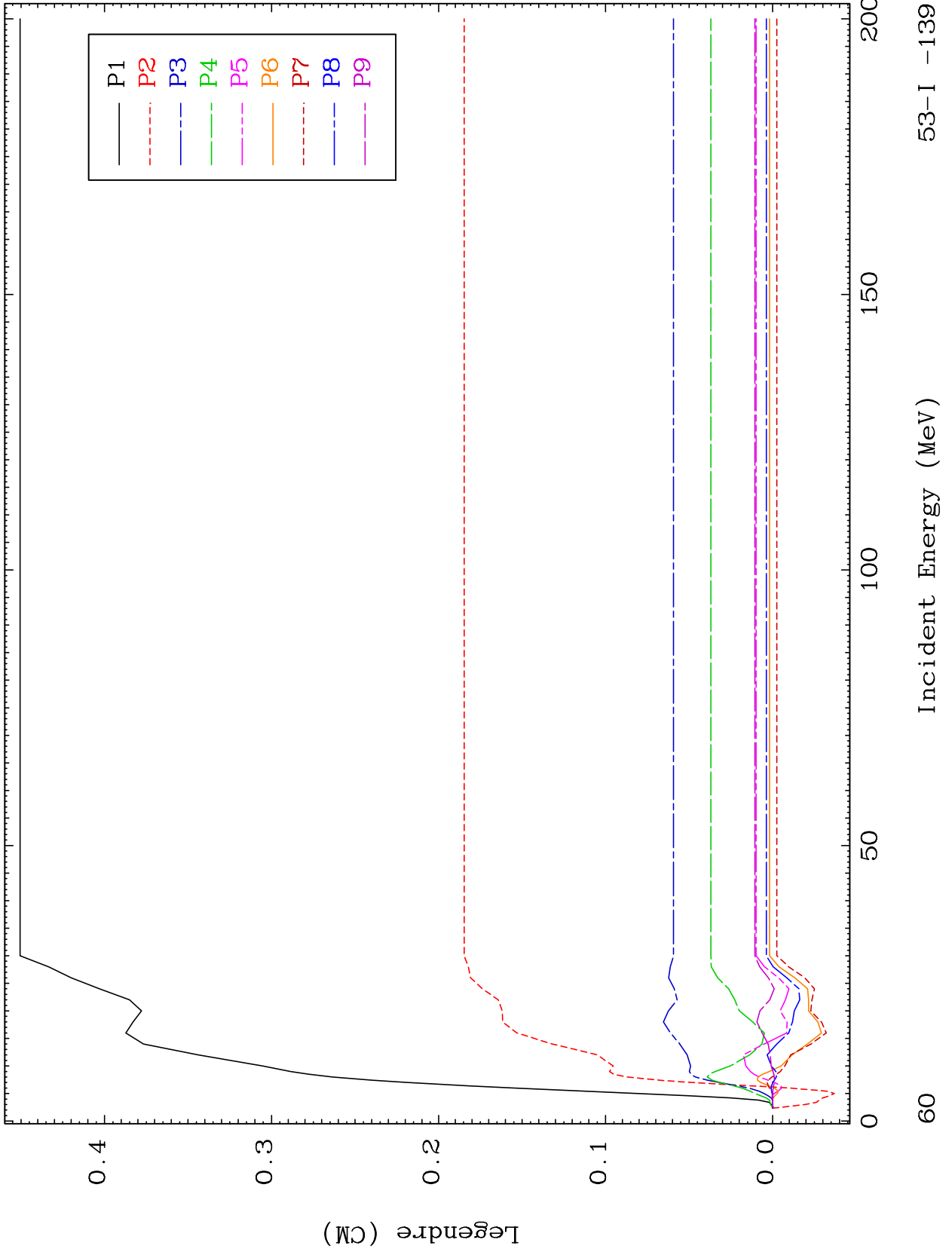
Incident Energy (MeV)

53-I -139

MAT 5361

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

53-I -139

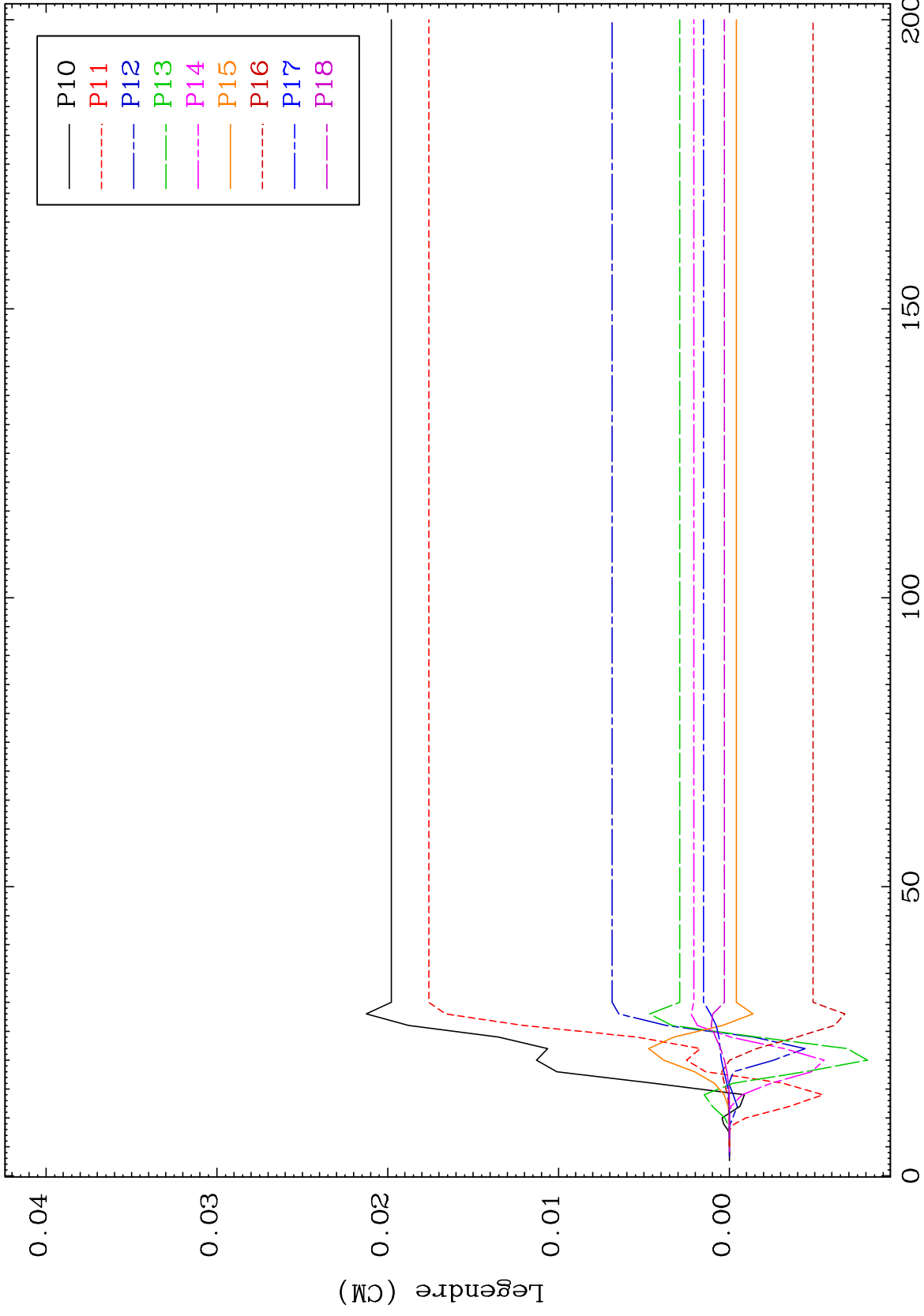


53-I -139

MAT 5361

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

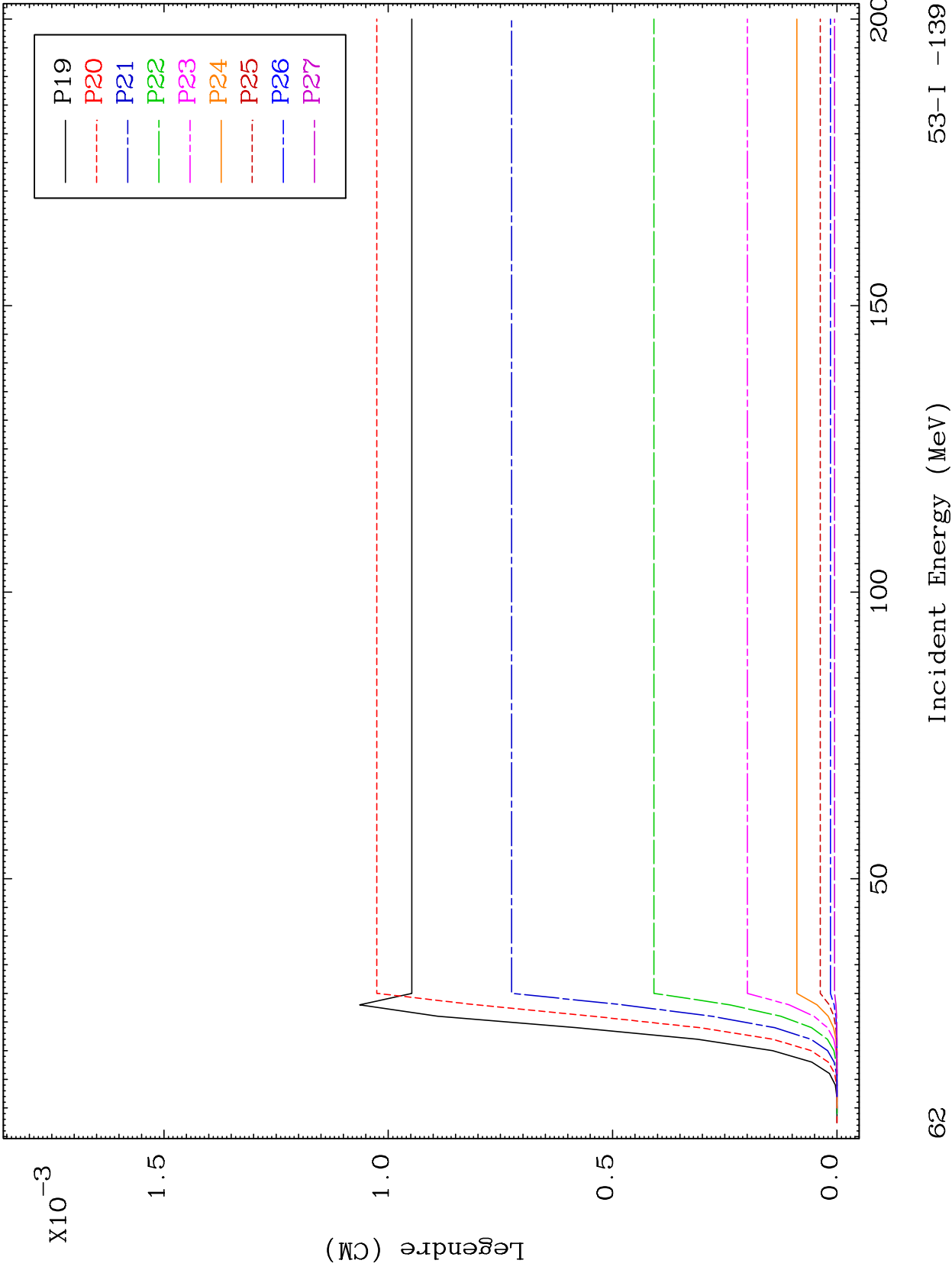
53-I -139

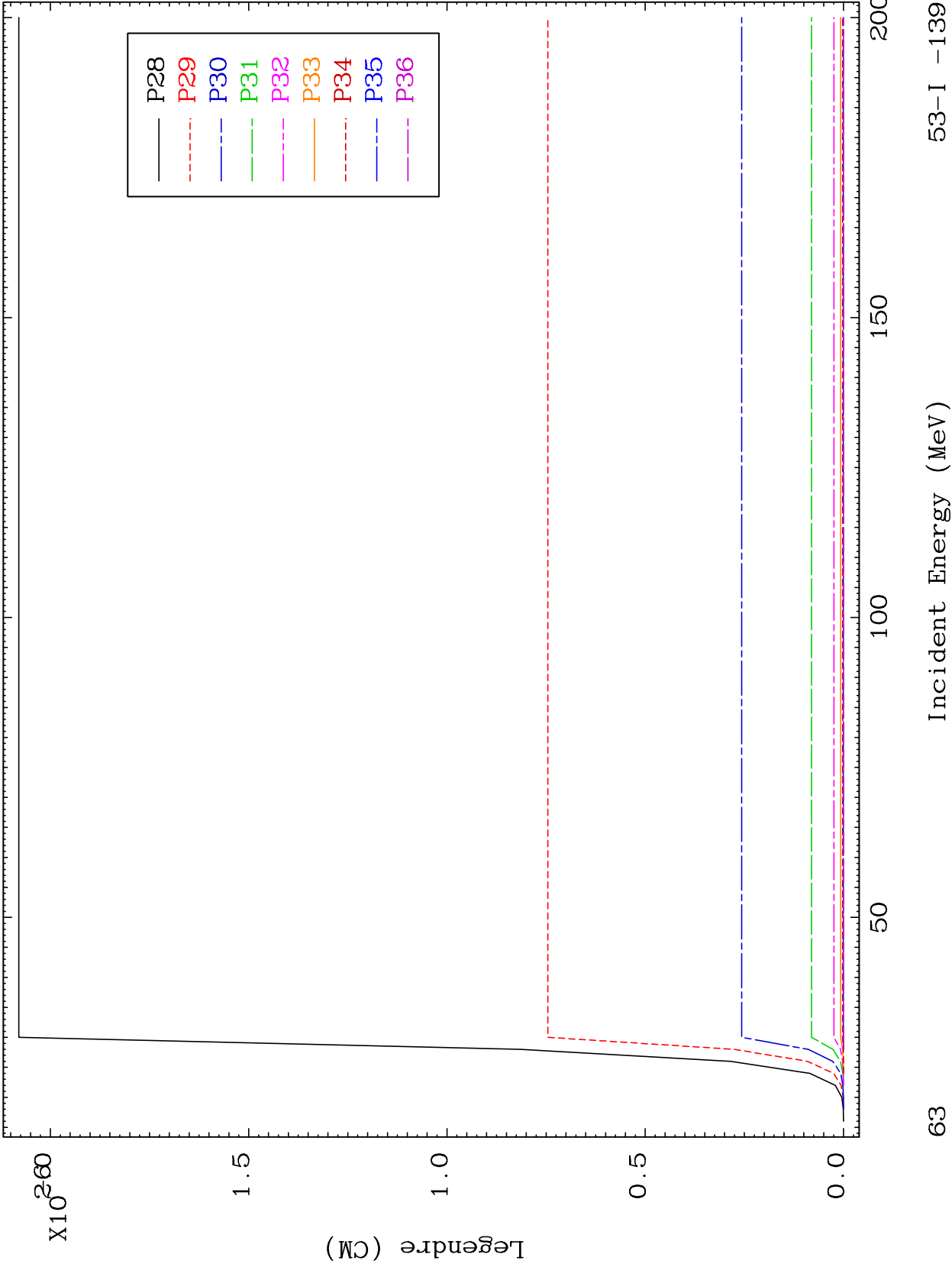


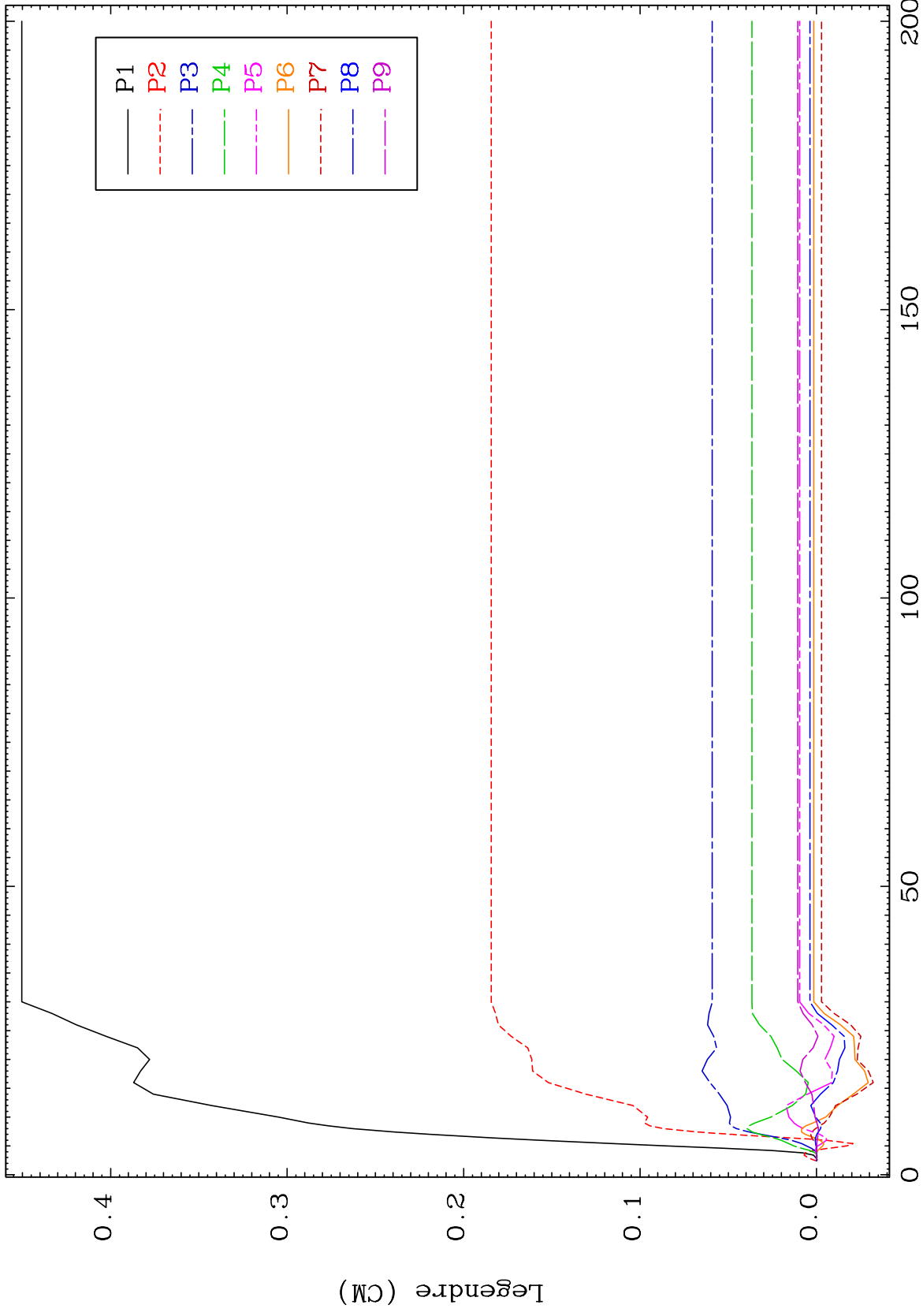
61

Incident Energy (MeV)

53-I -139



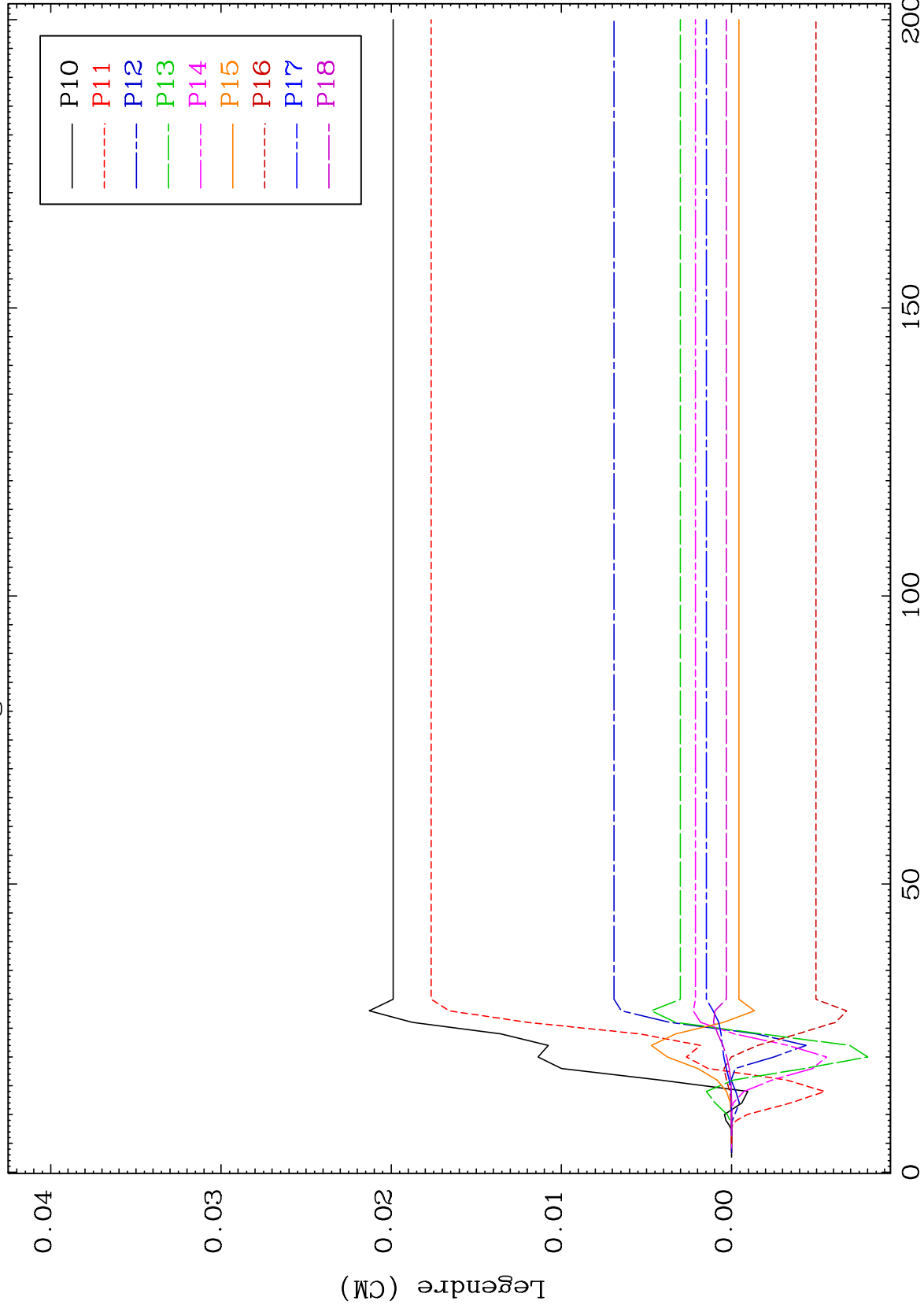




MAT 5361

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

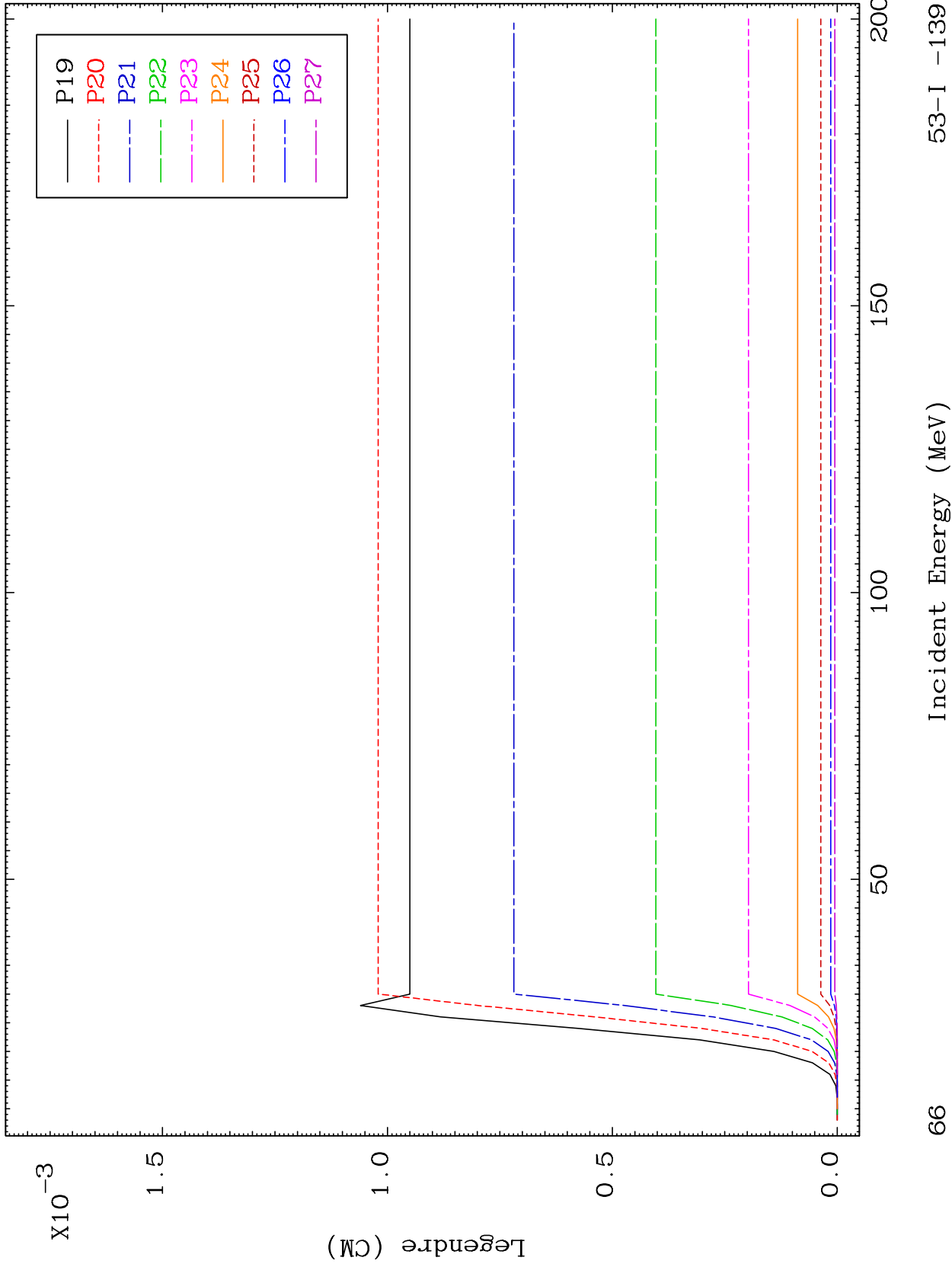
53-I -139

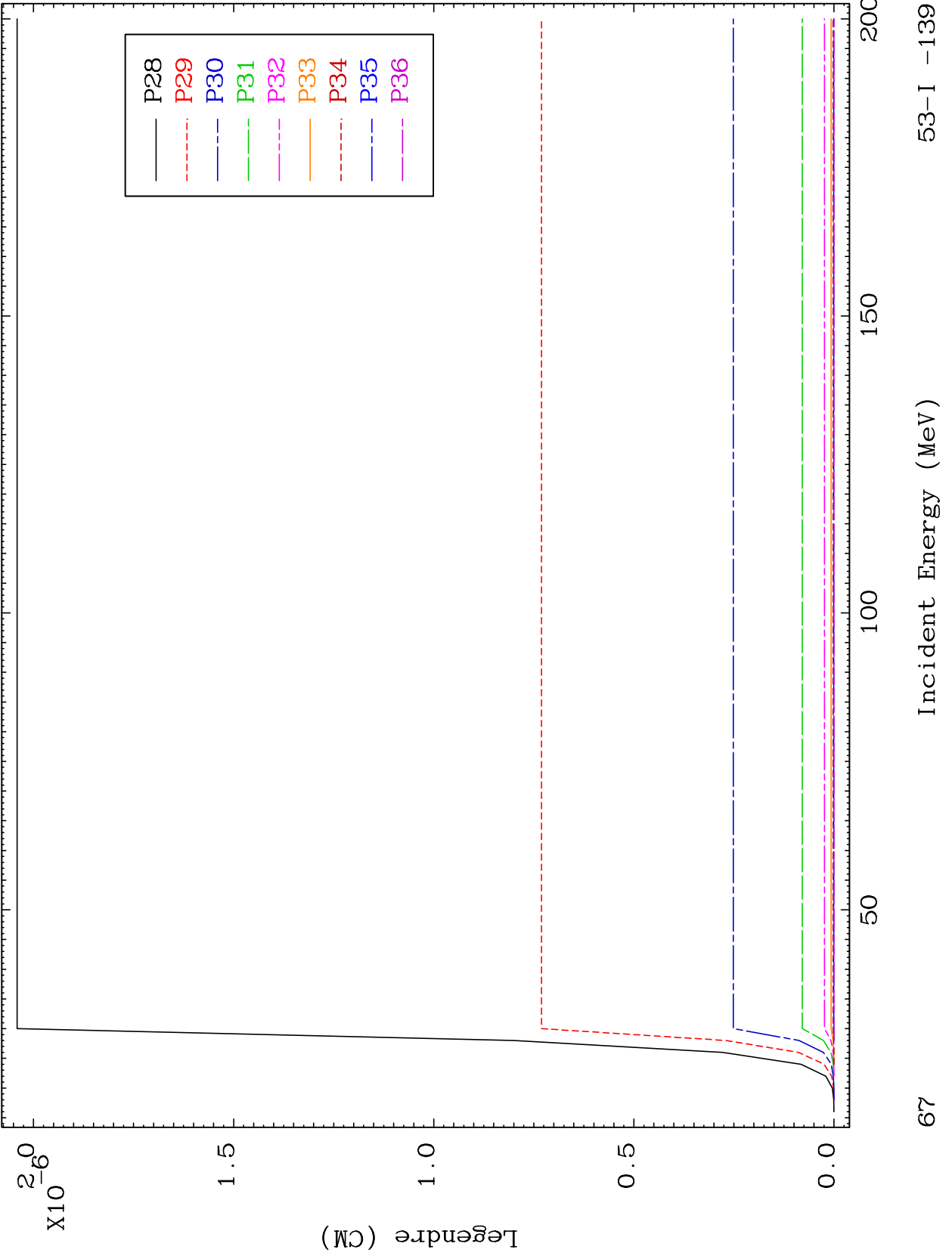


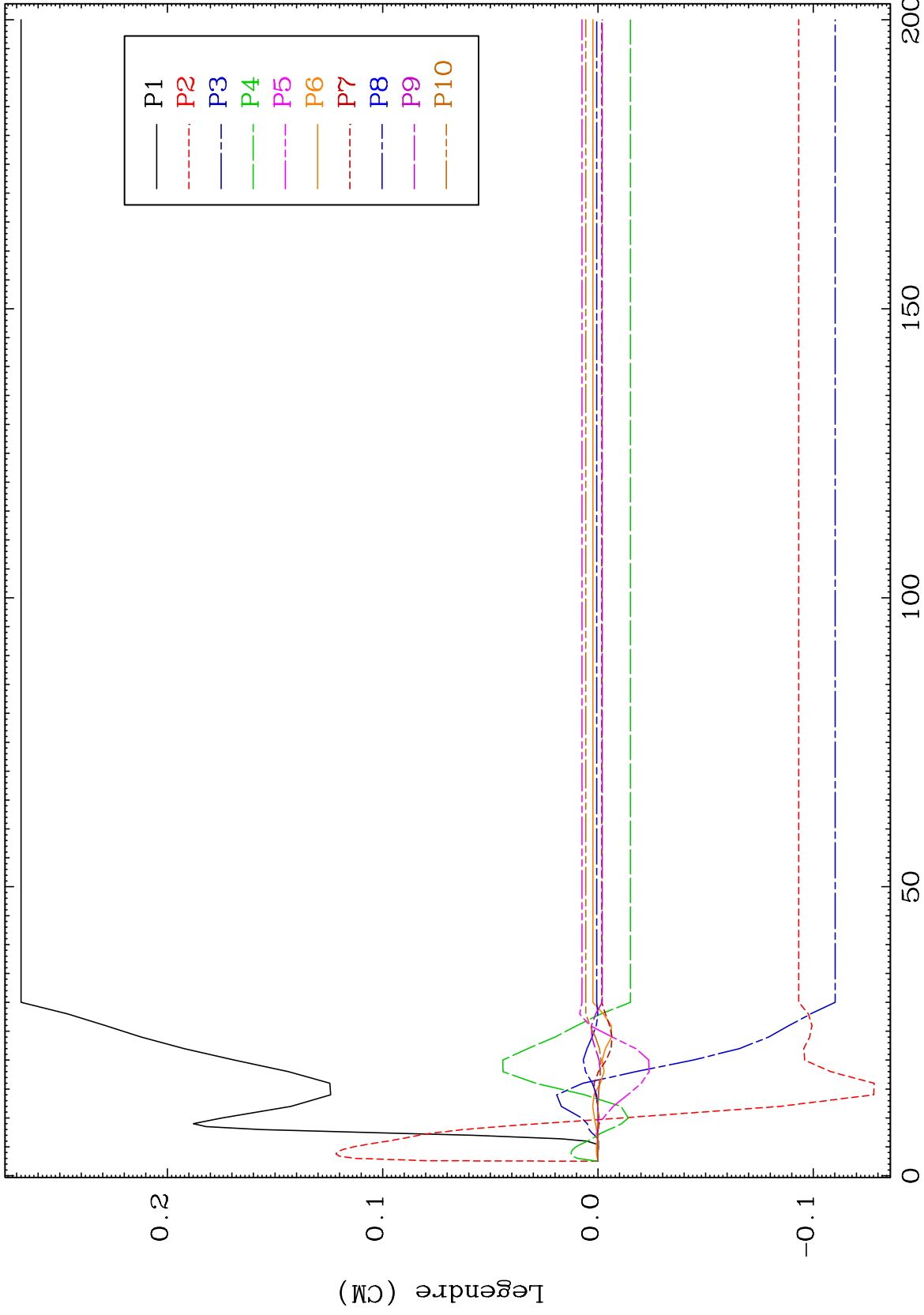
65

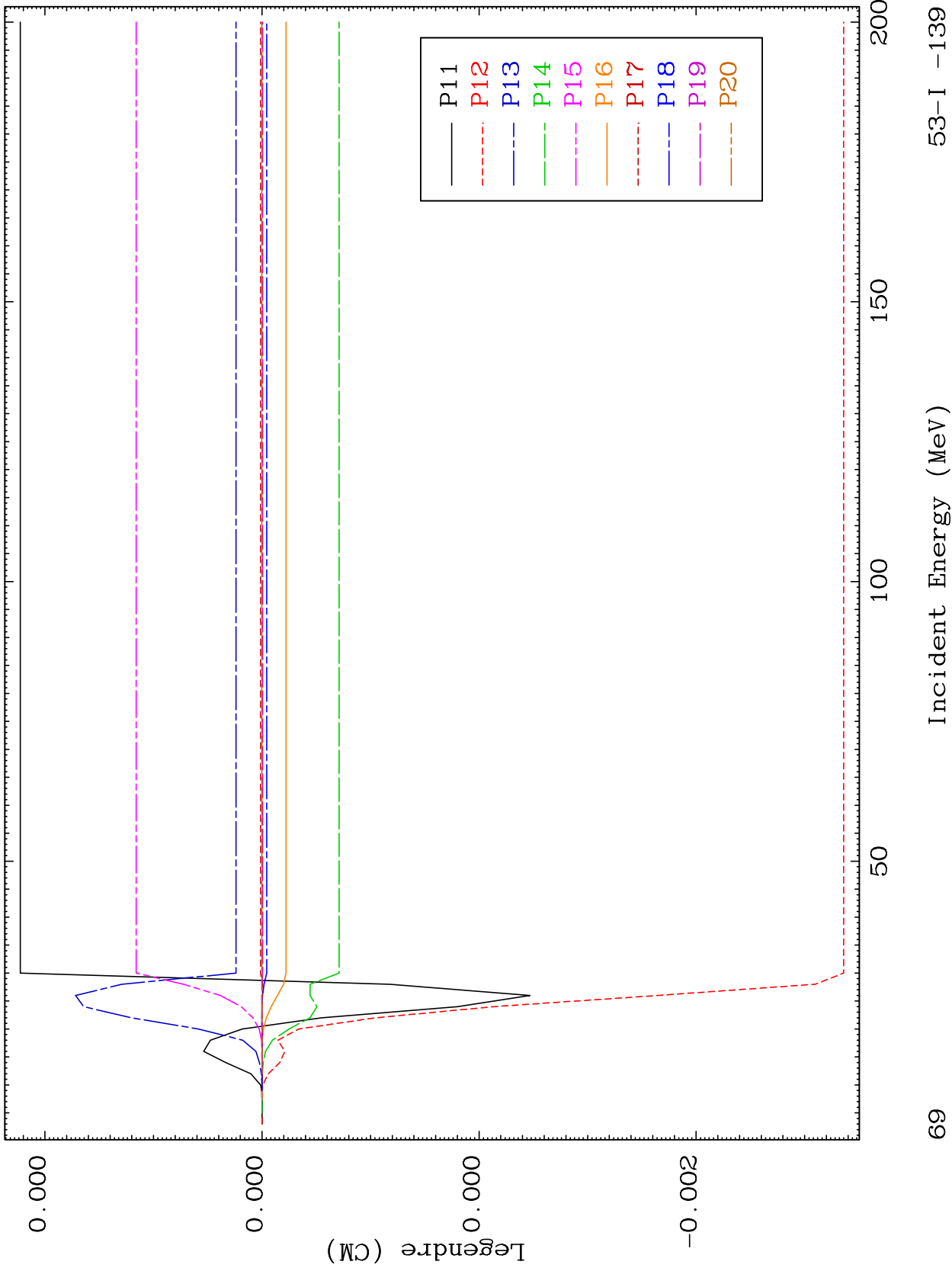
Incident Energy (MeV)

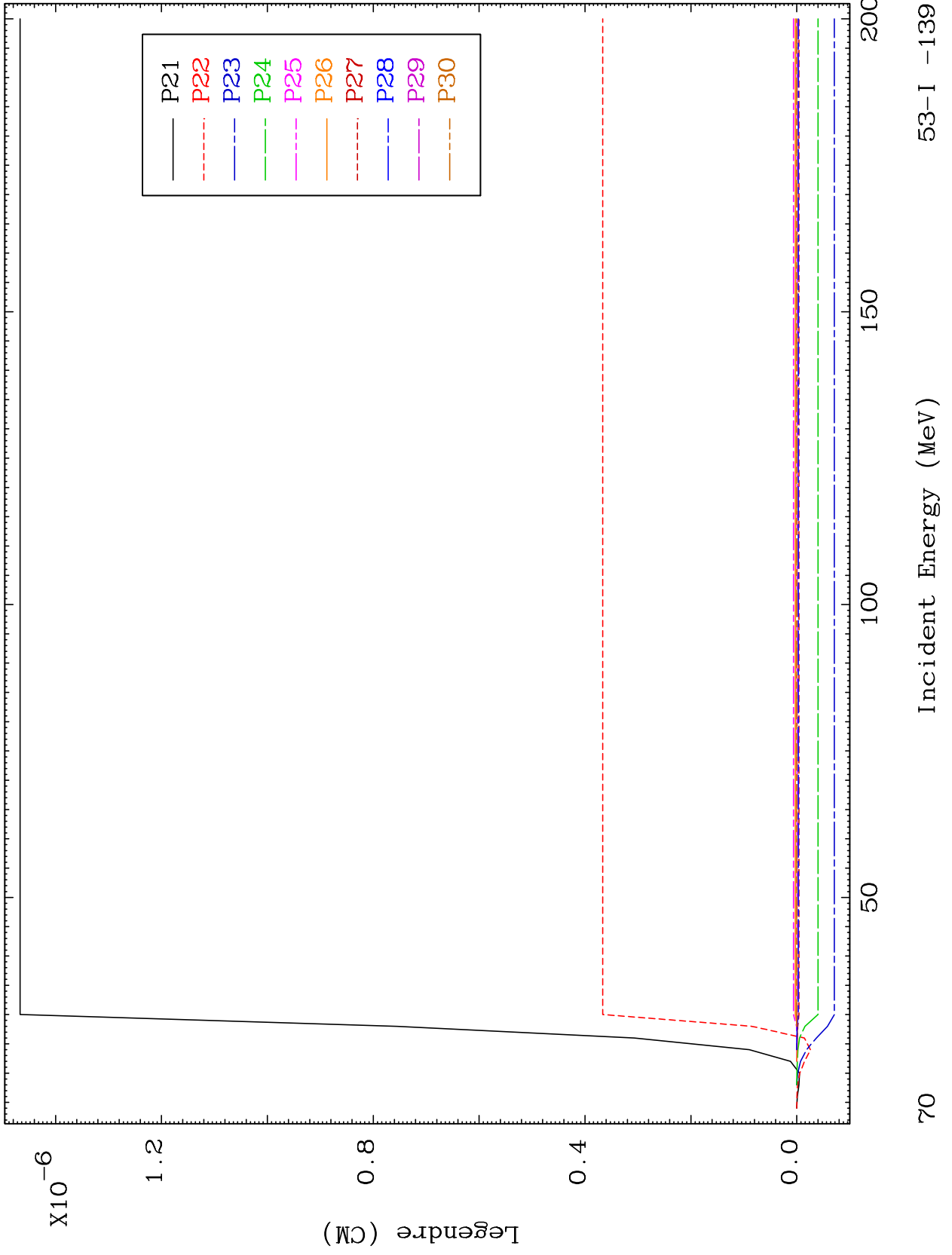
53-I -139

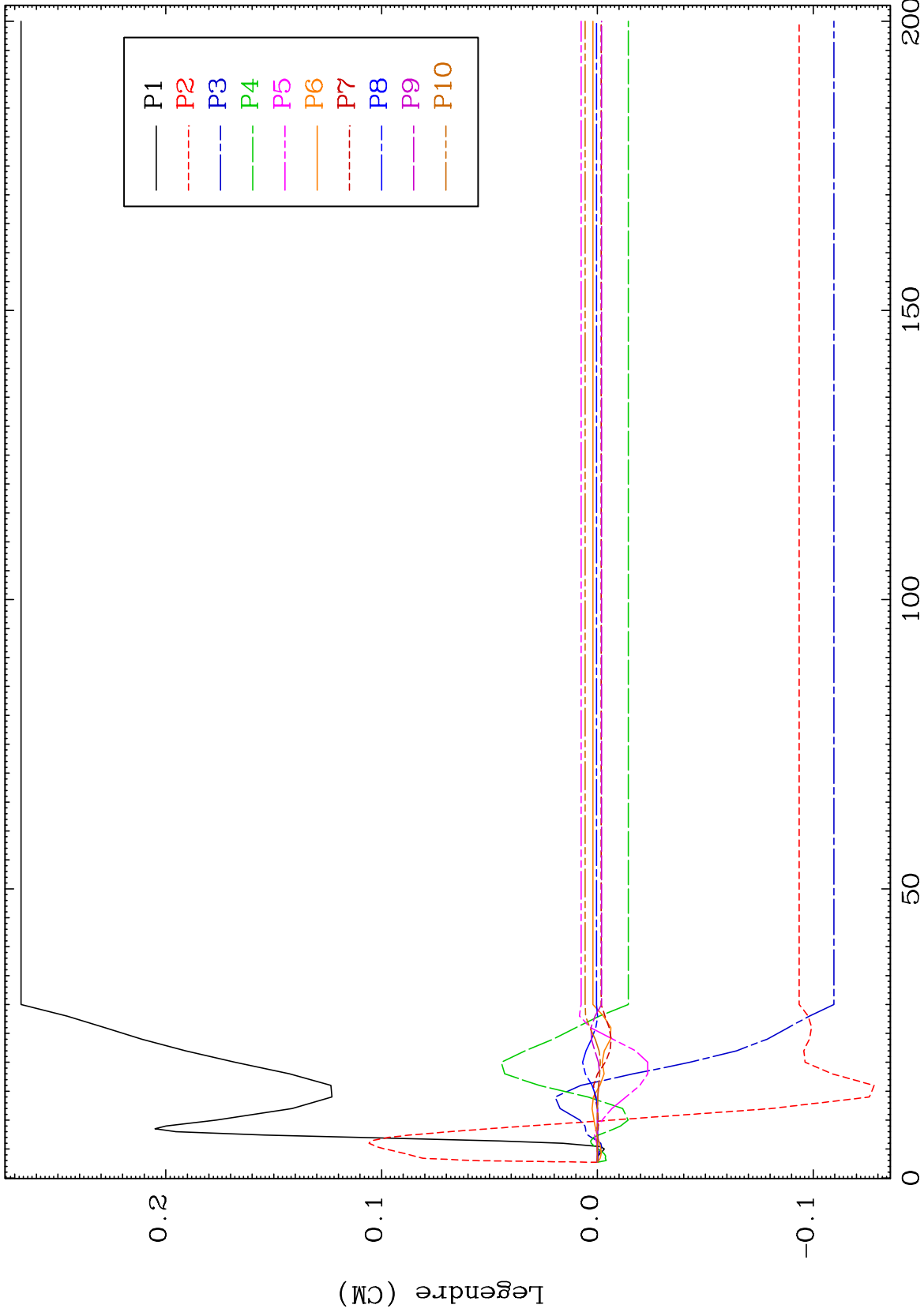








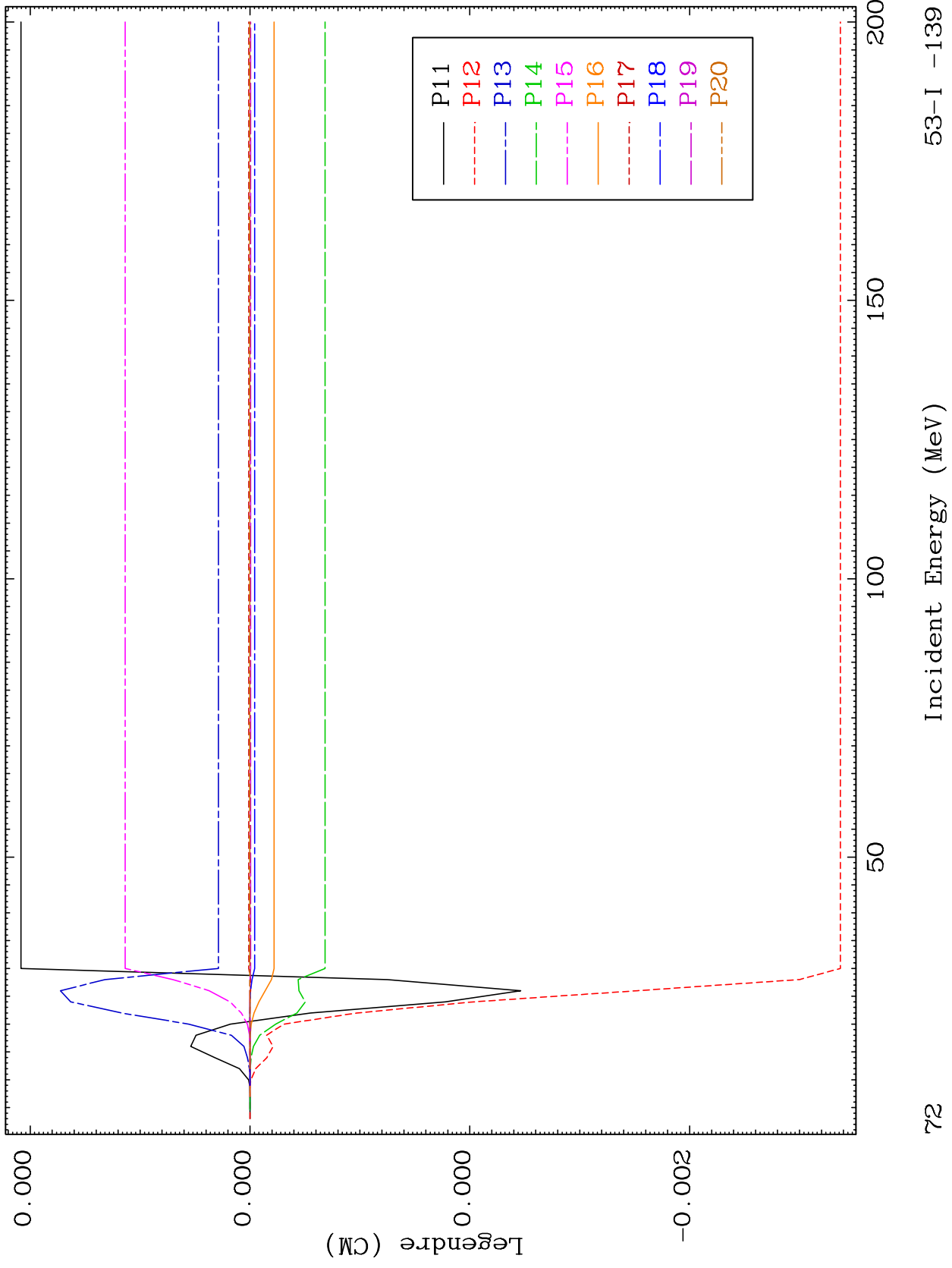




MAT 5361

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

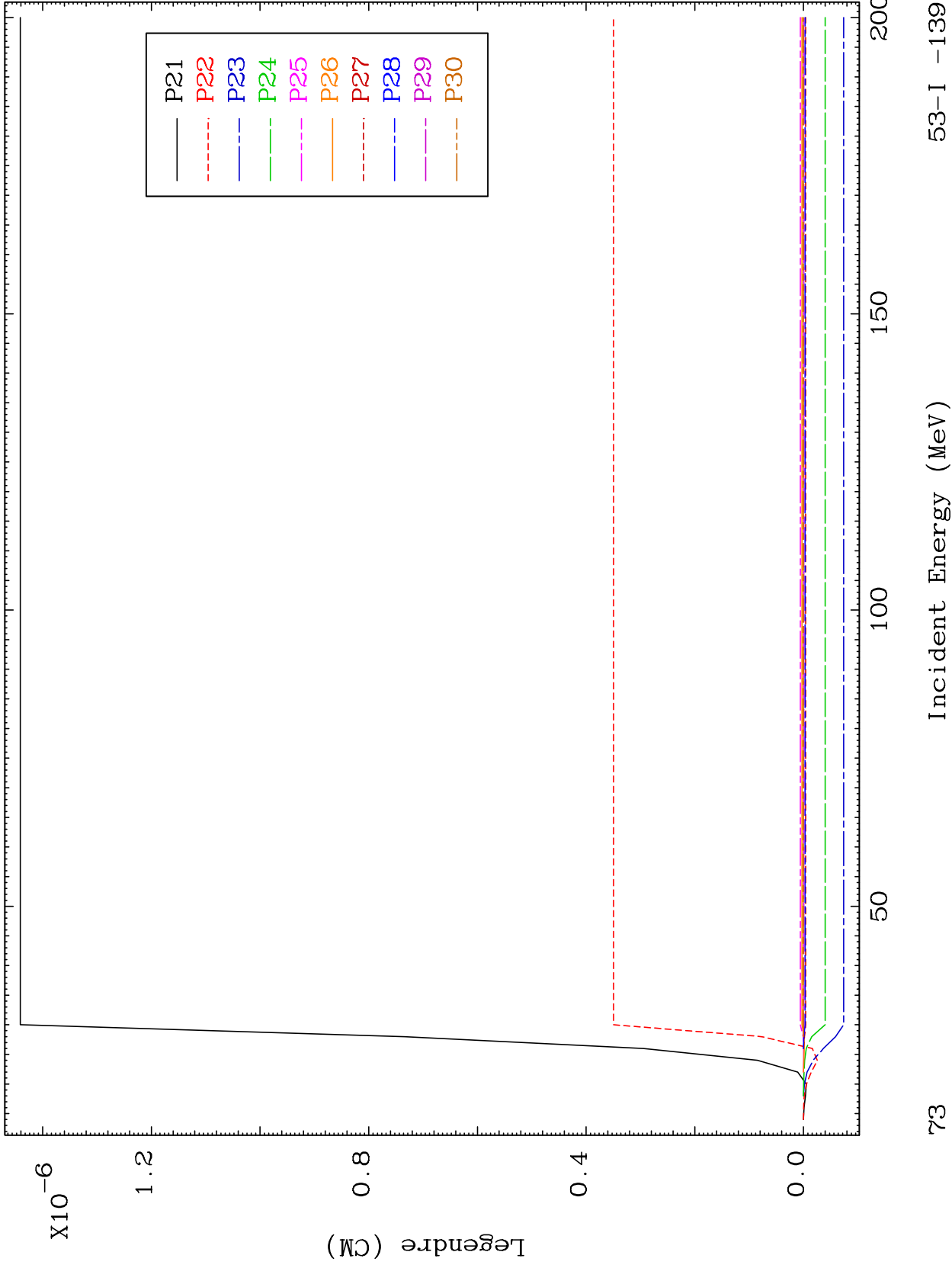
53-I -139

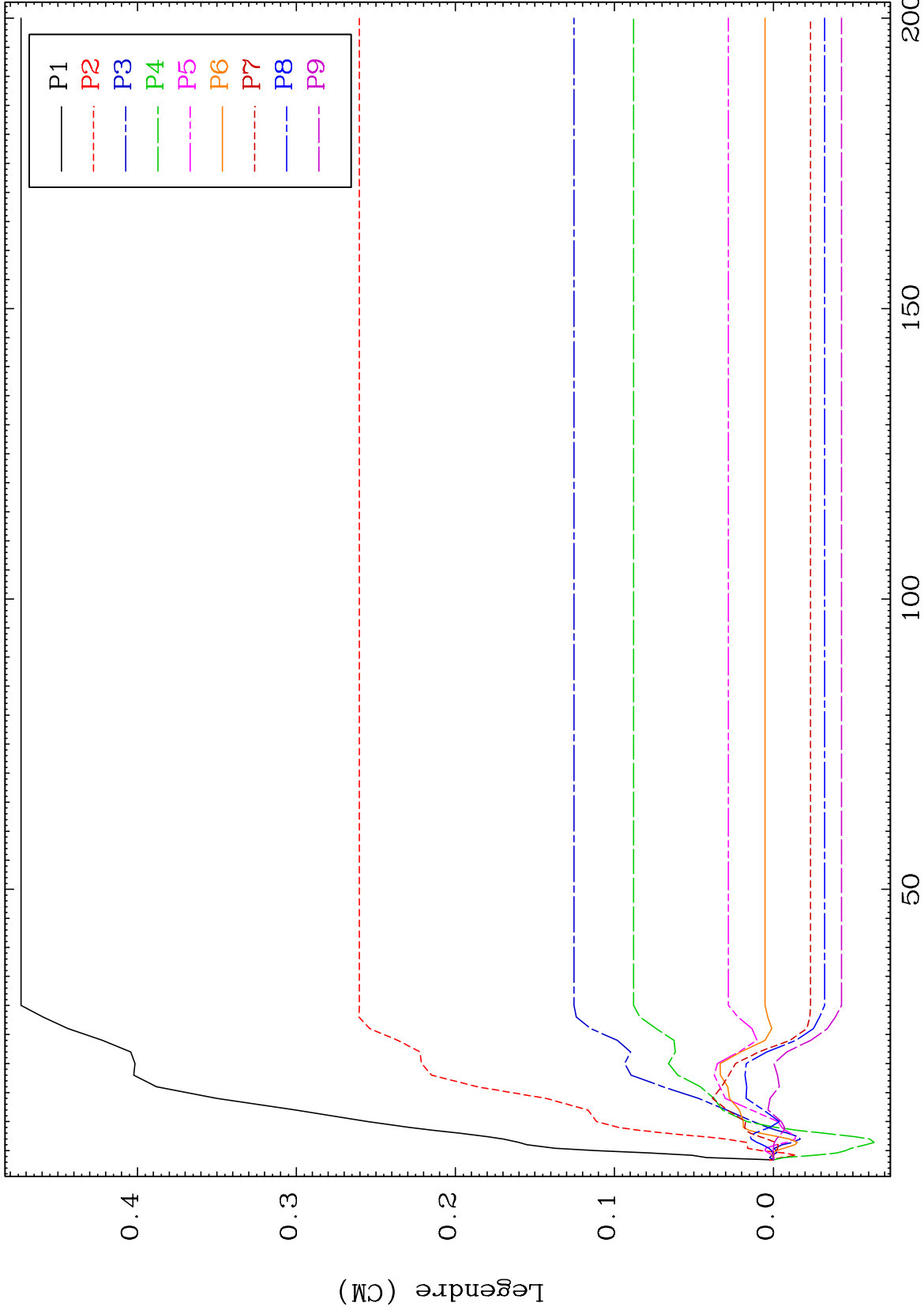


72

Incident Energy (MeV)

53-I -139

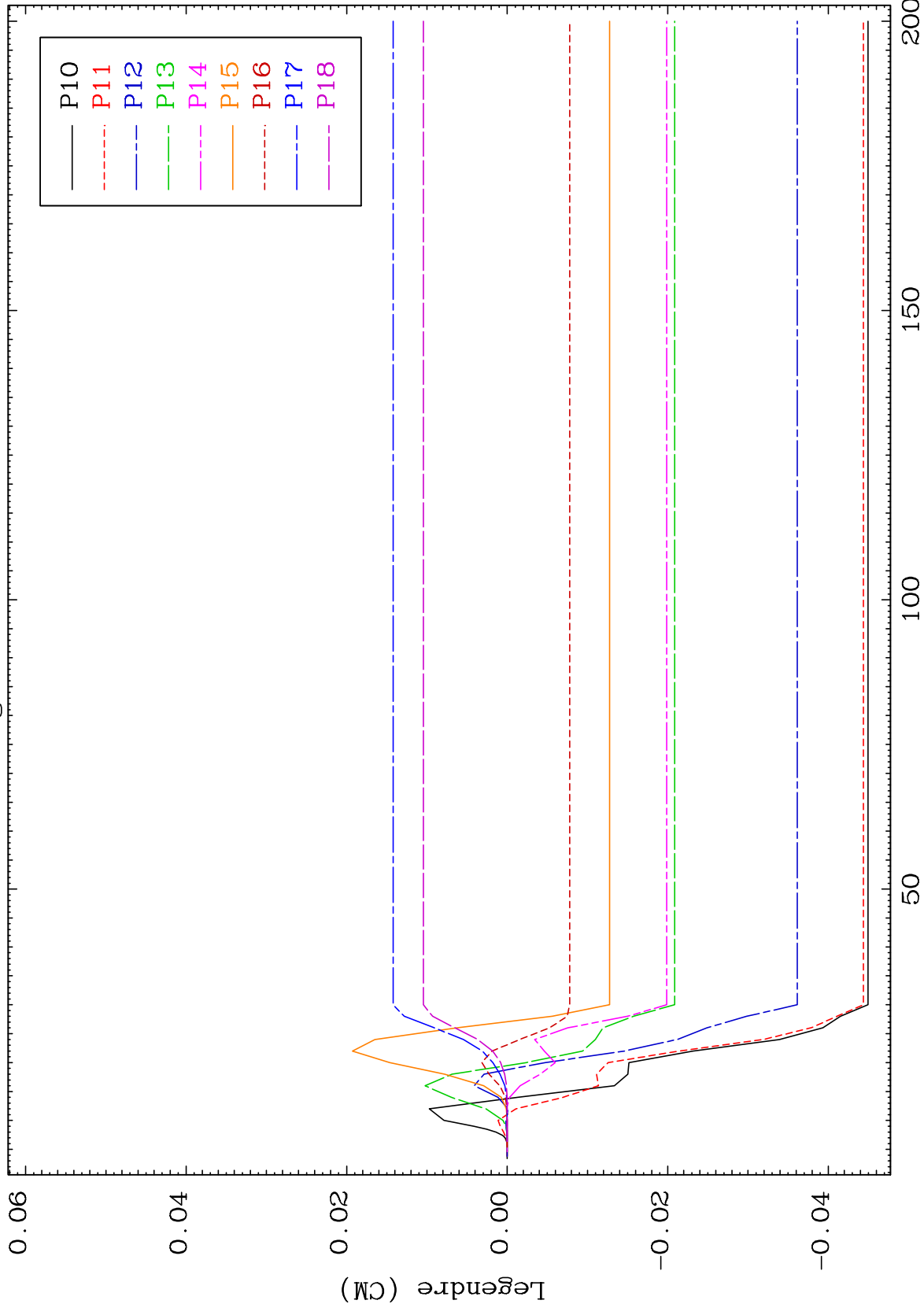




MAT 5361

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

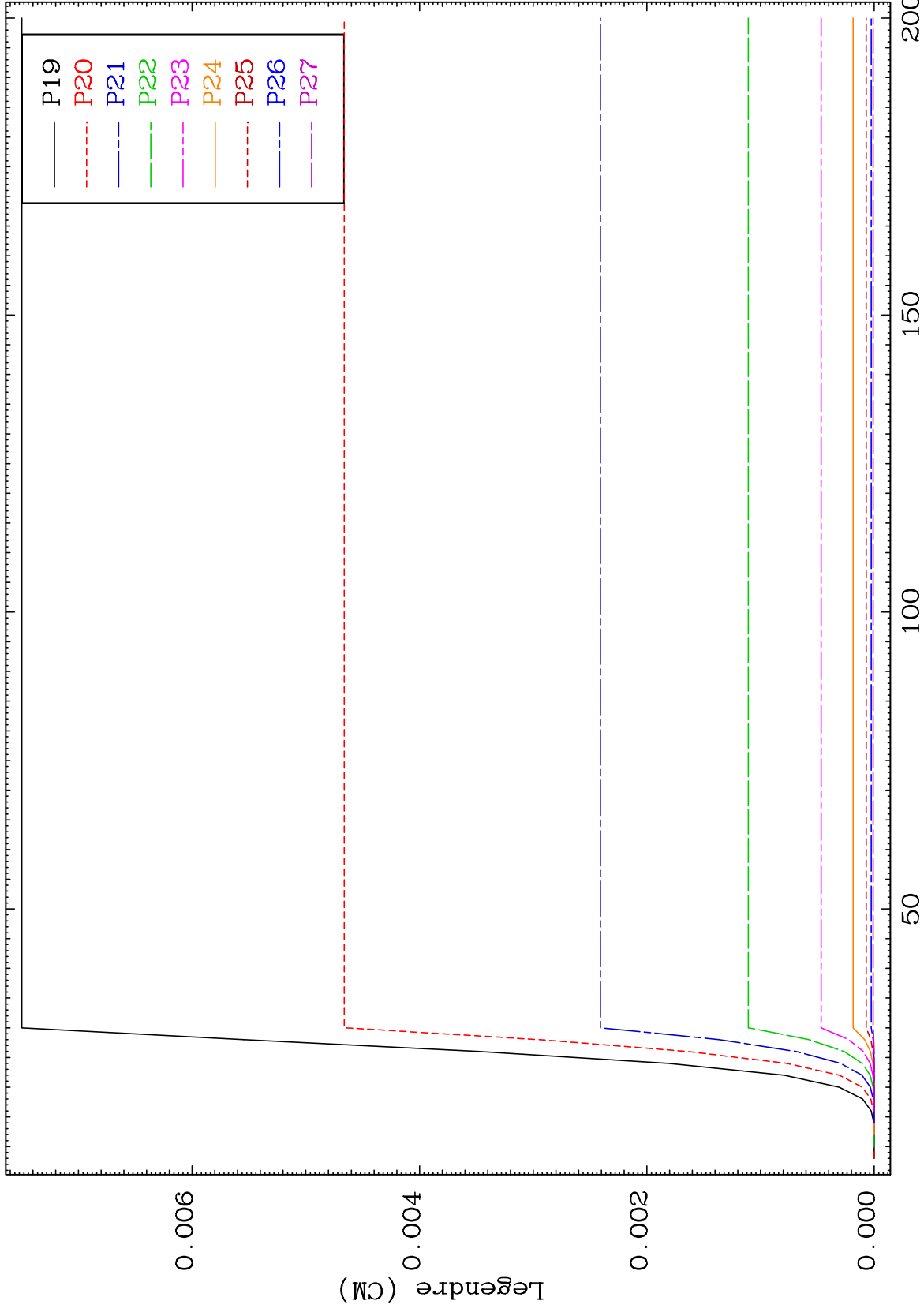
53-I -139

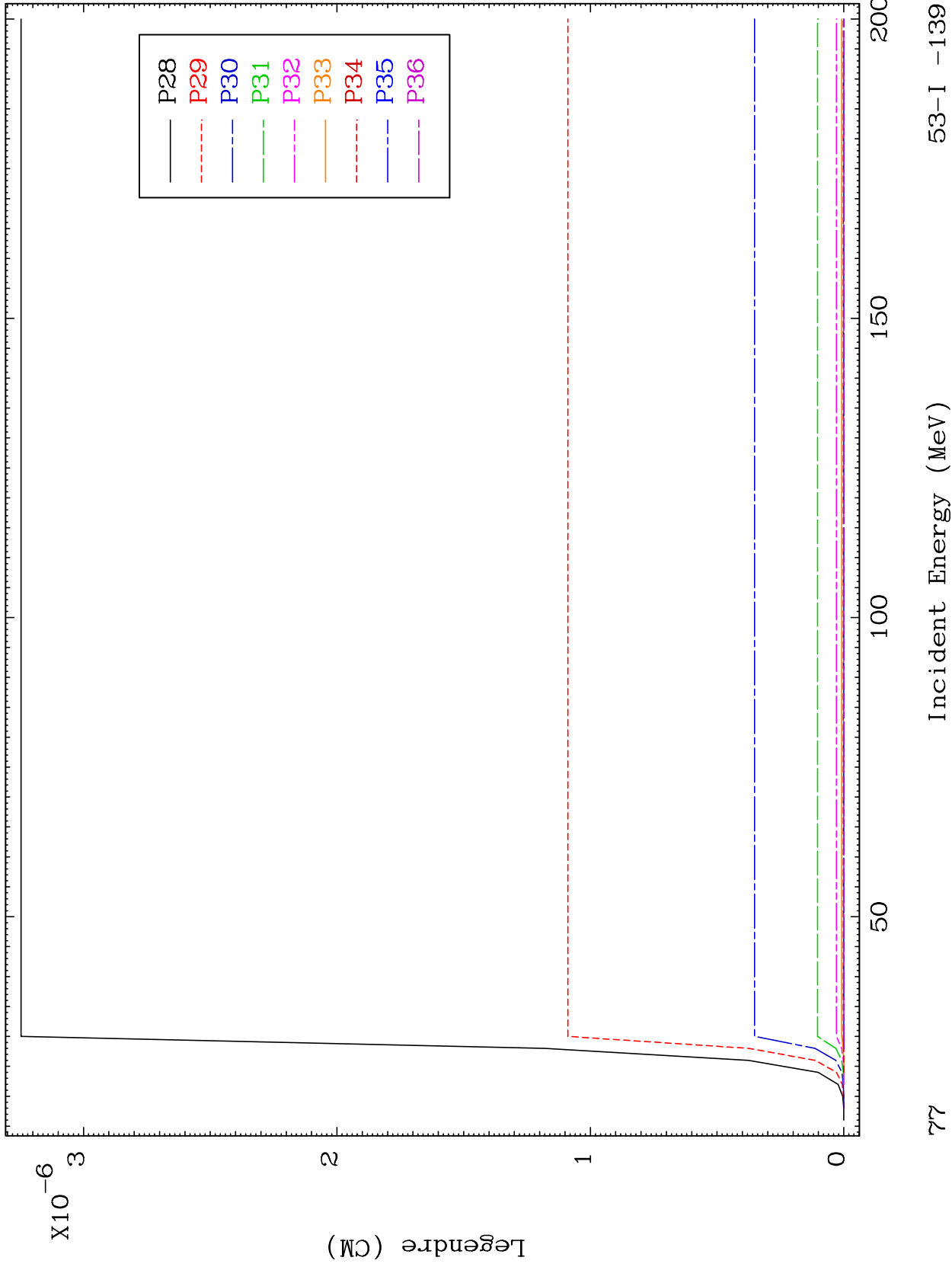


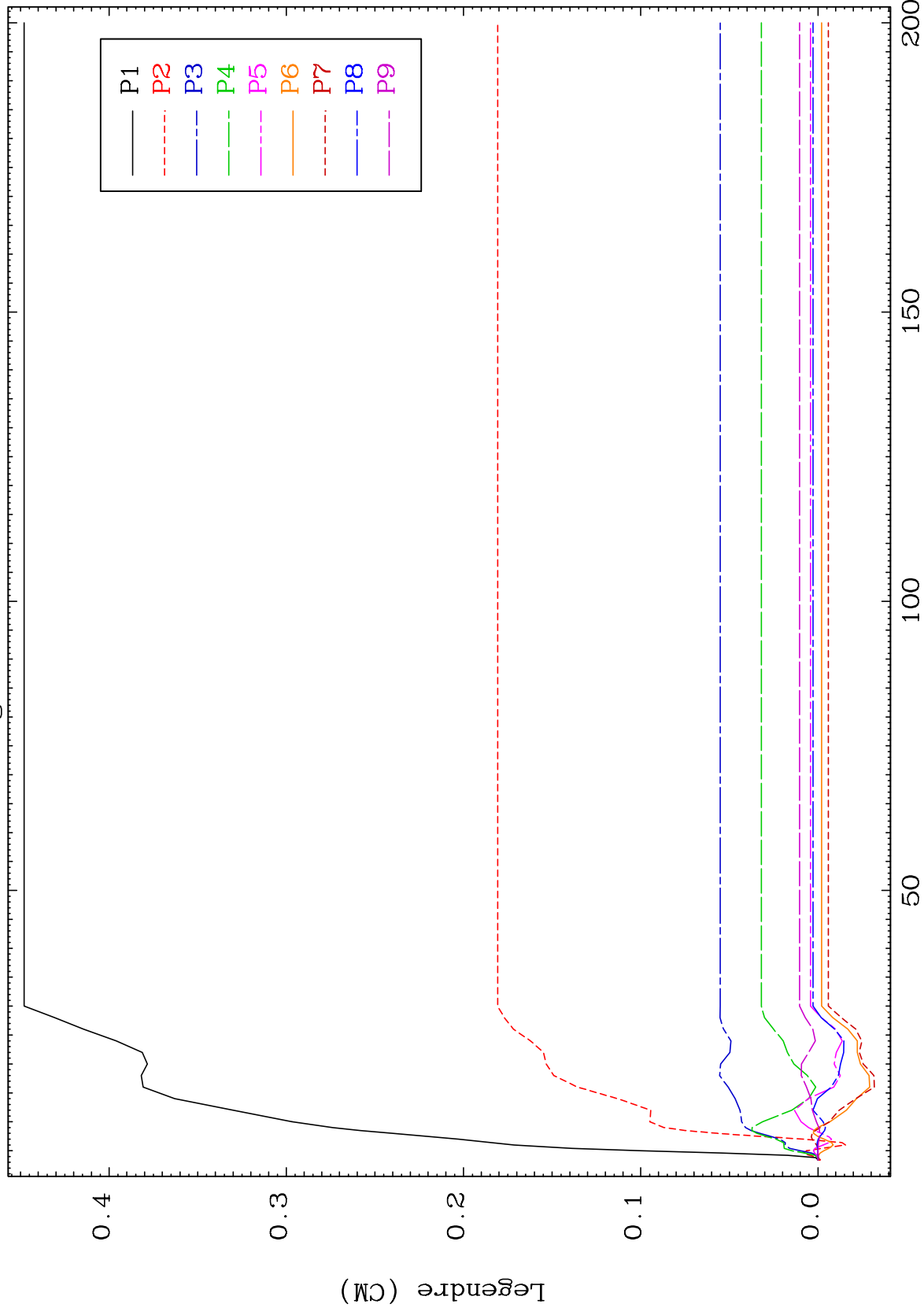
75

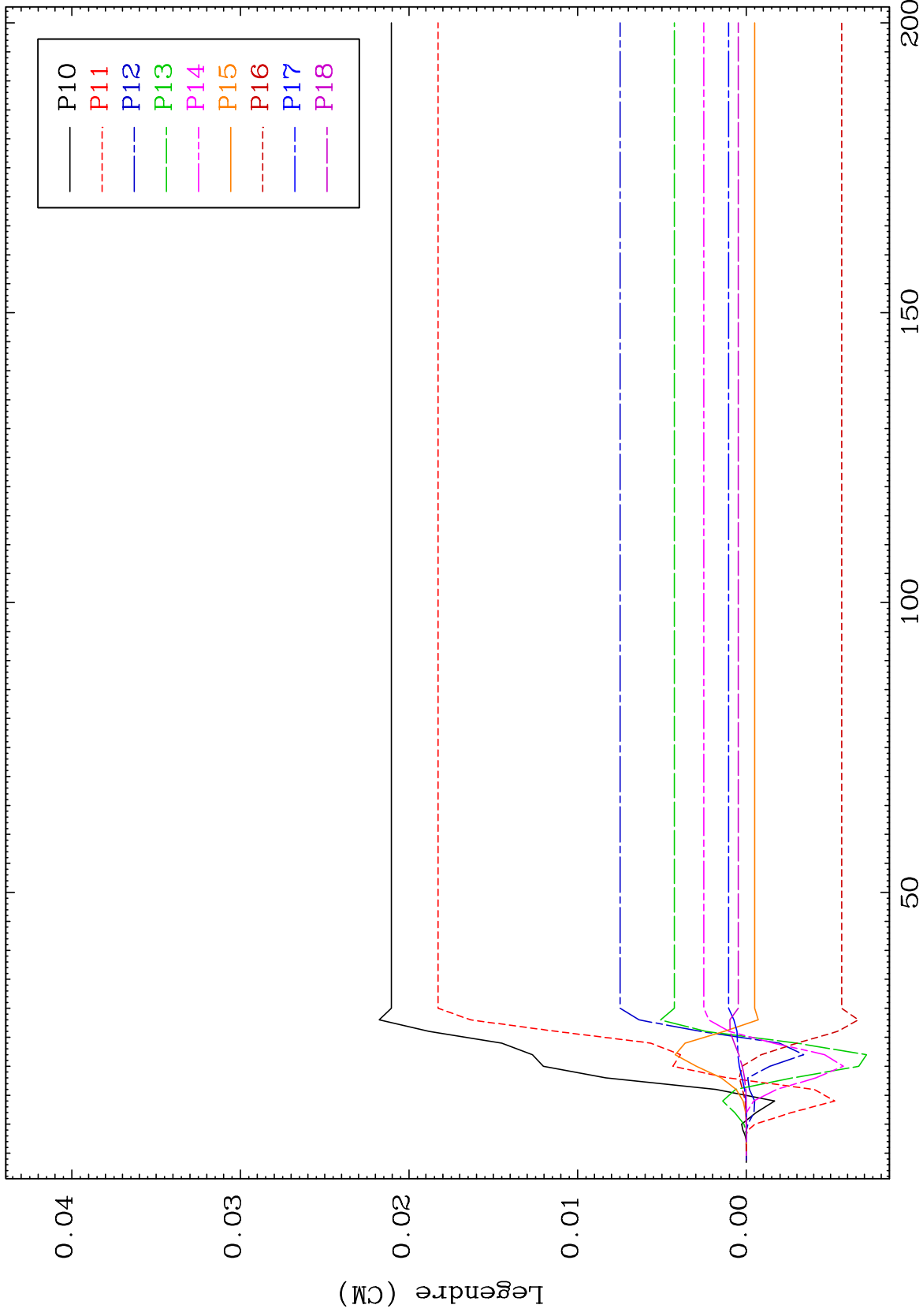
Incident Energy (MeV)

53-I -139





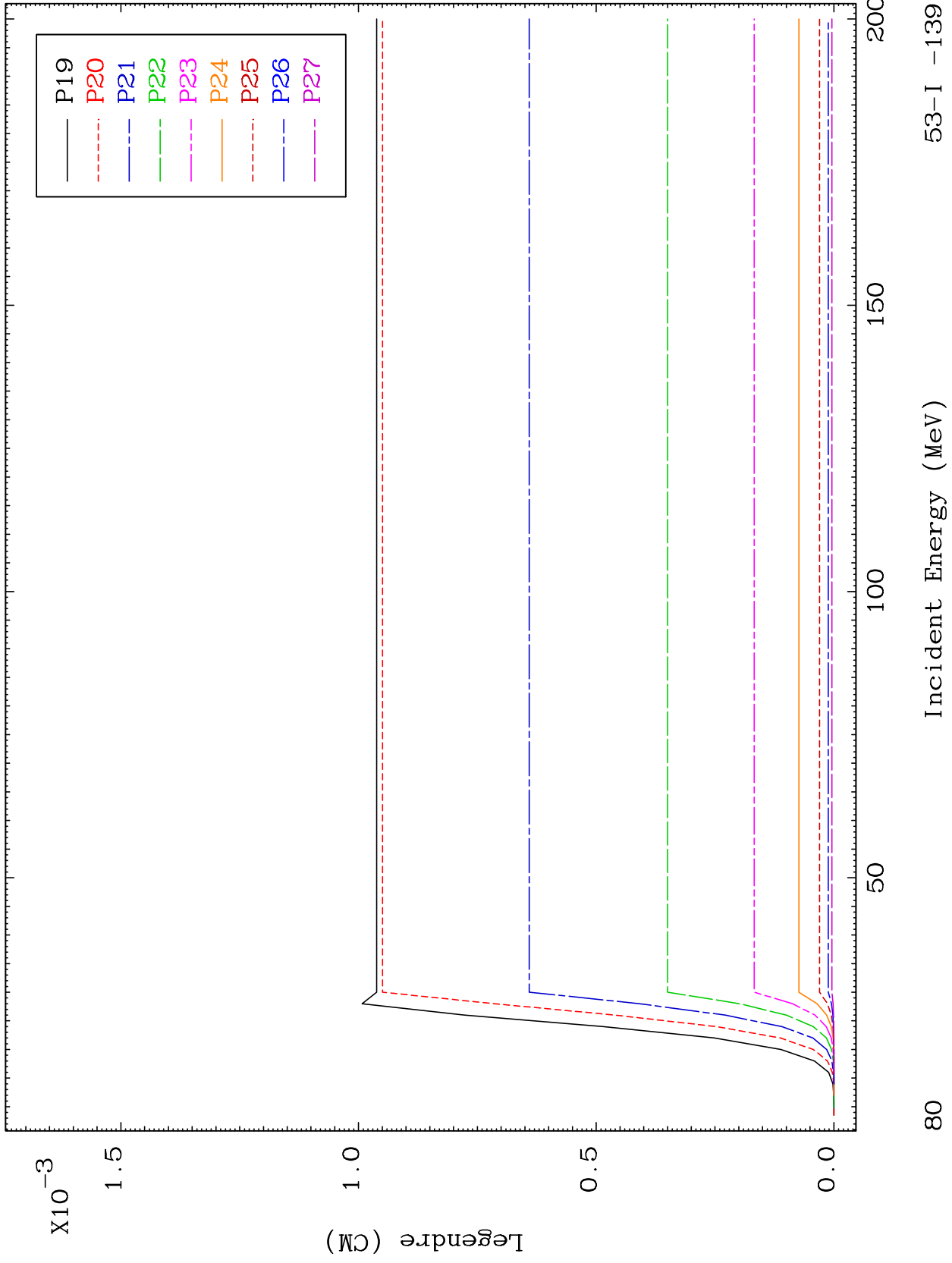


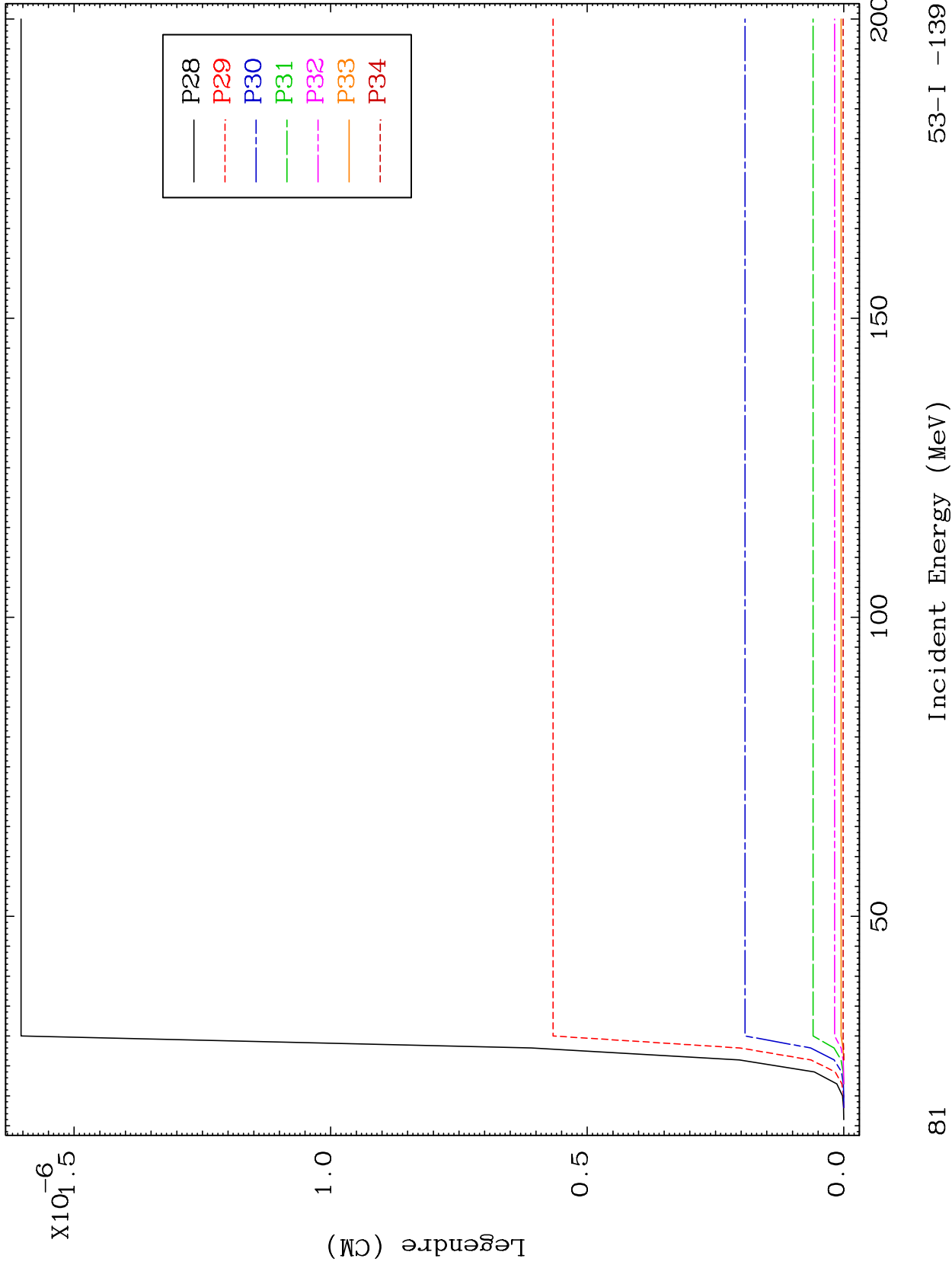


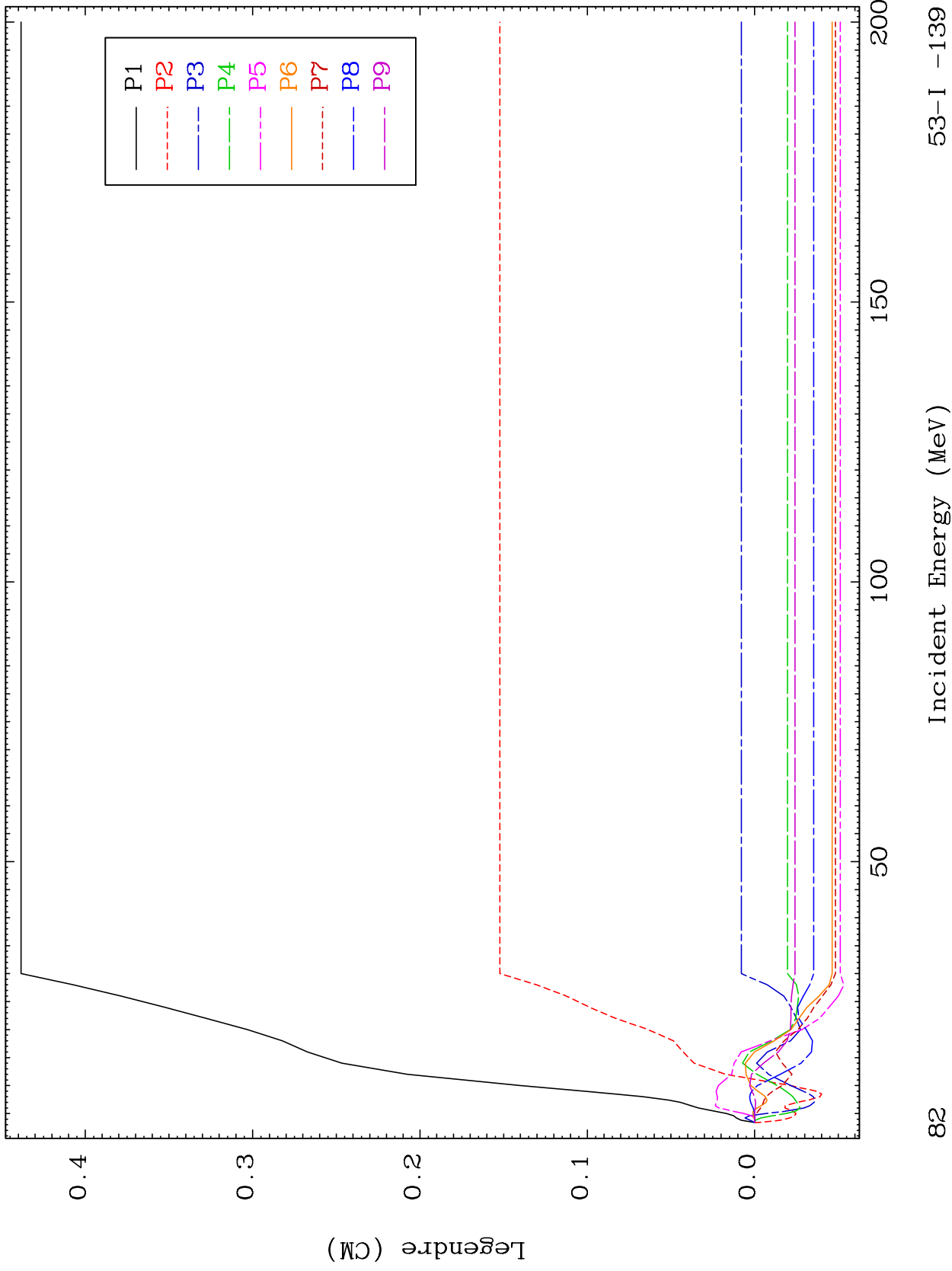
MAT 5361

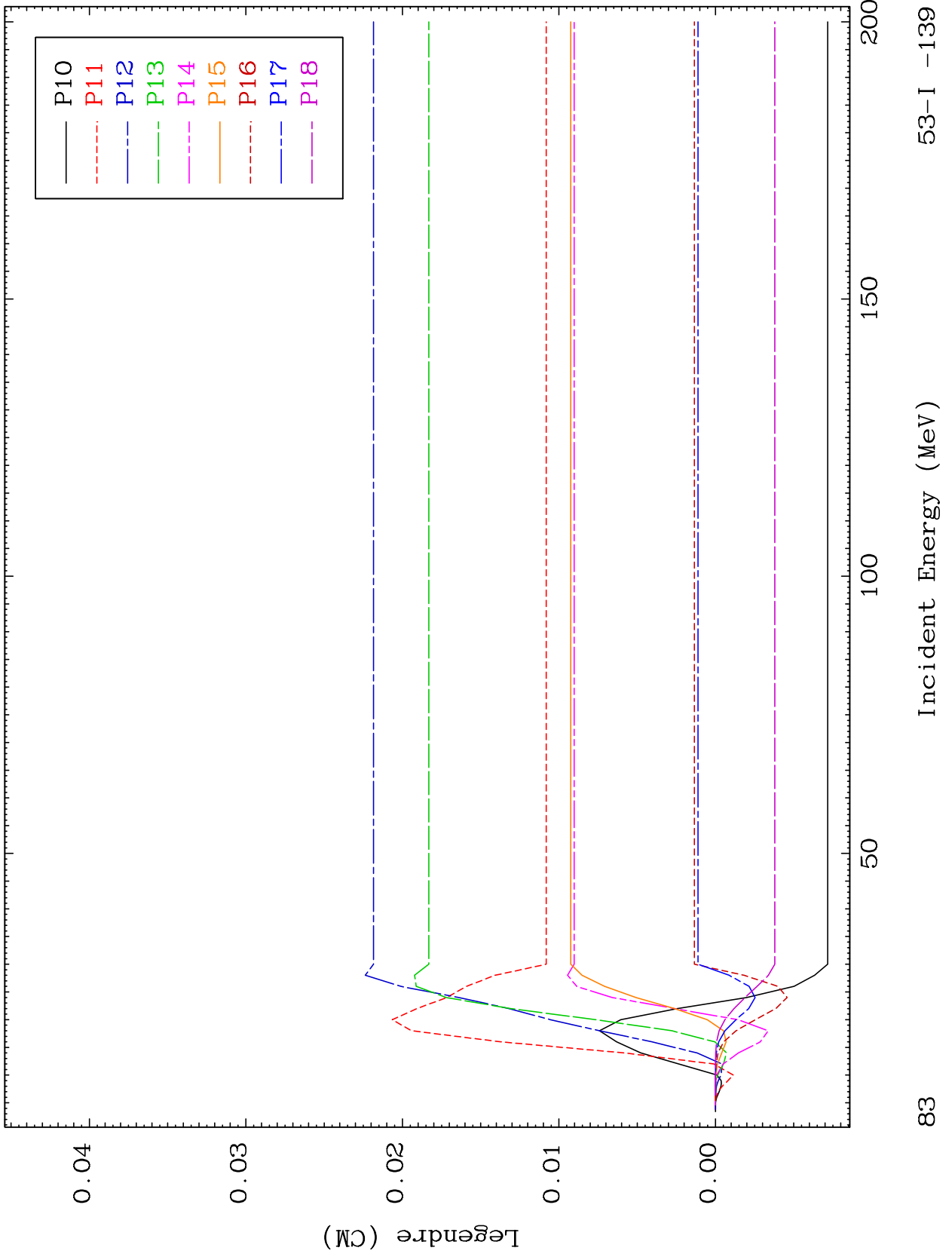
MT= 66 (n,n') Level
Legendre Coefficients

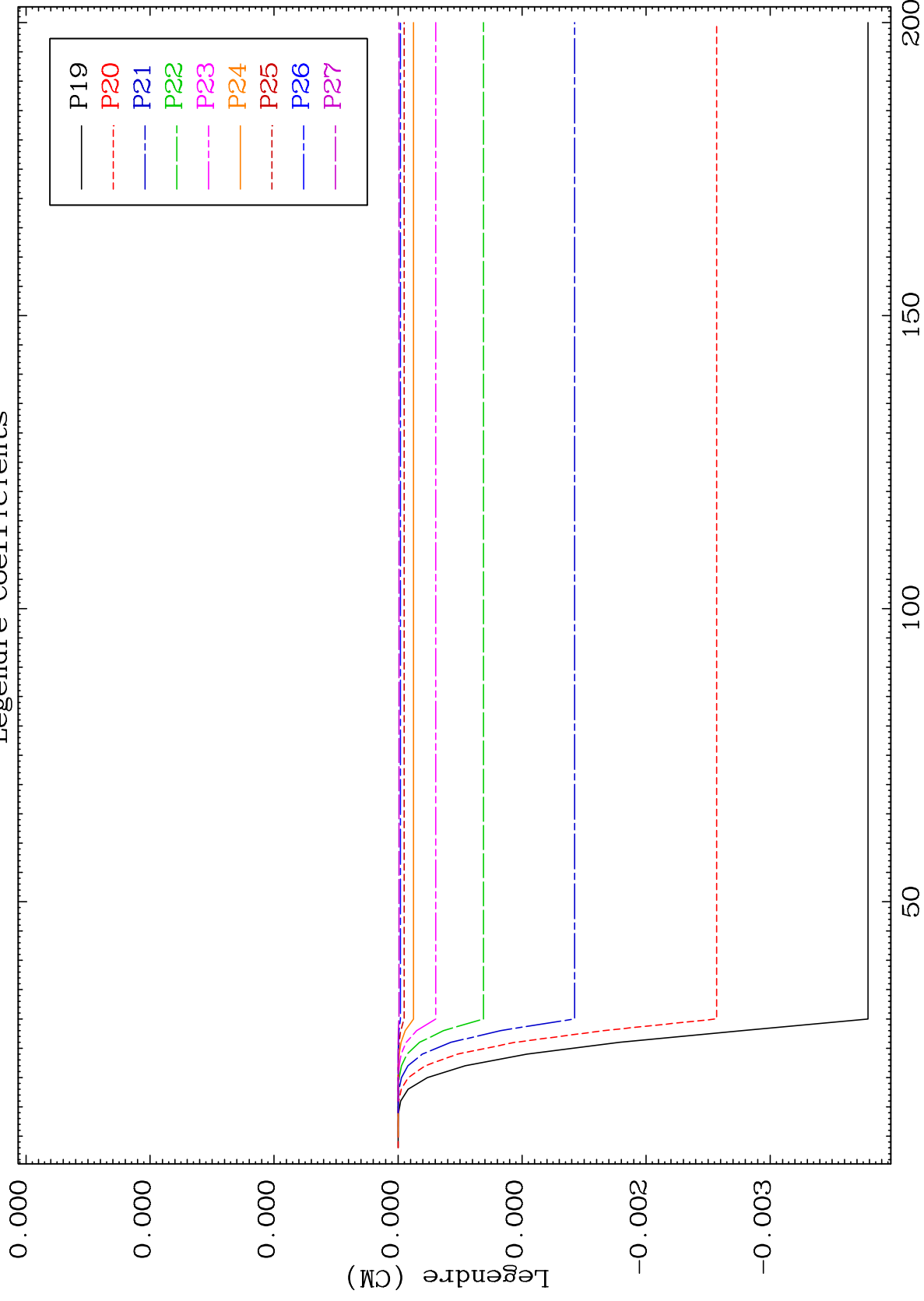
53-I -139

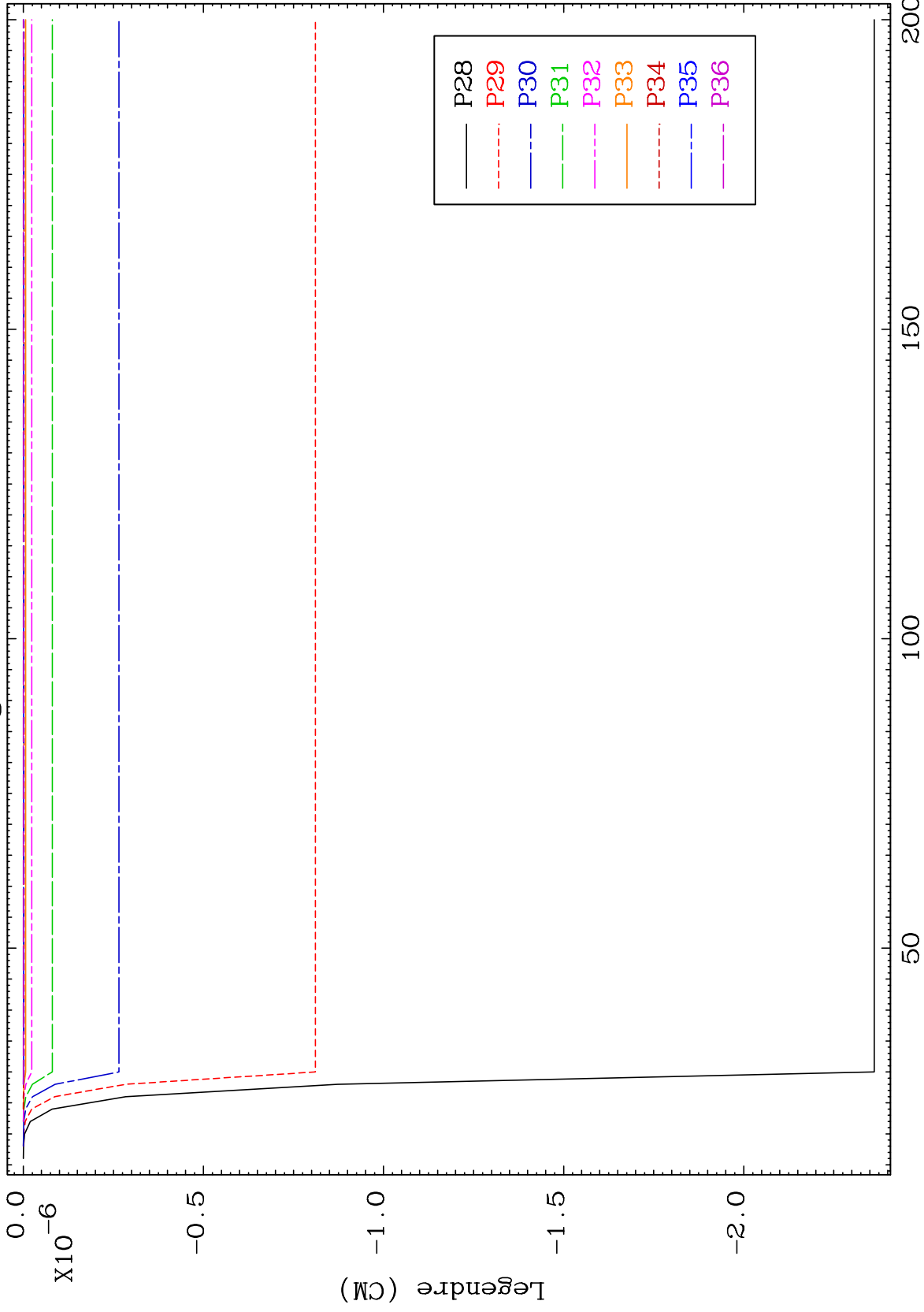


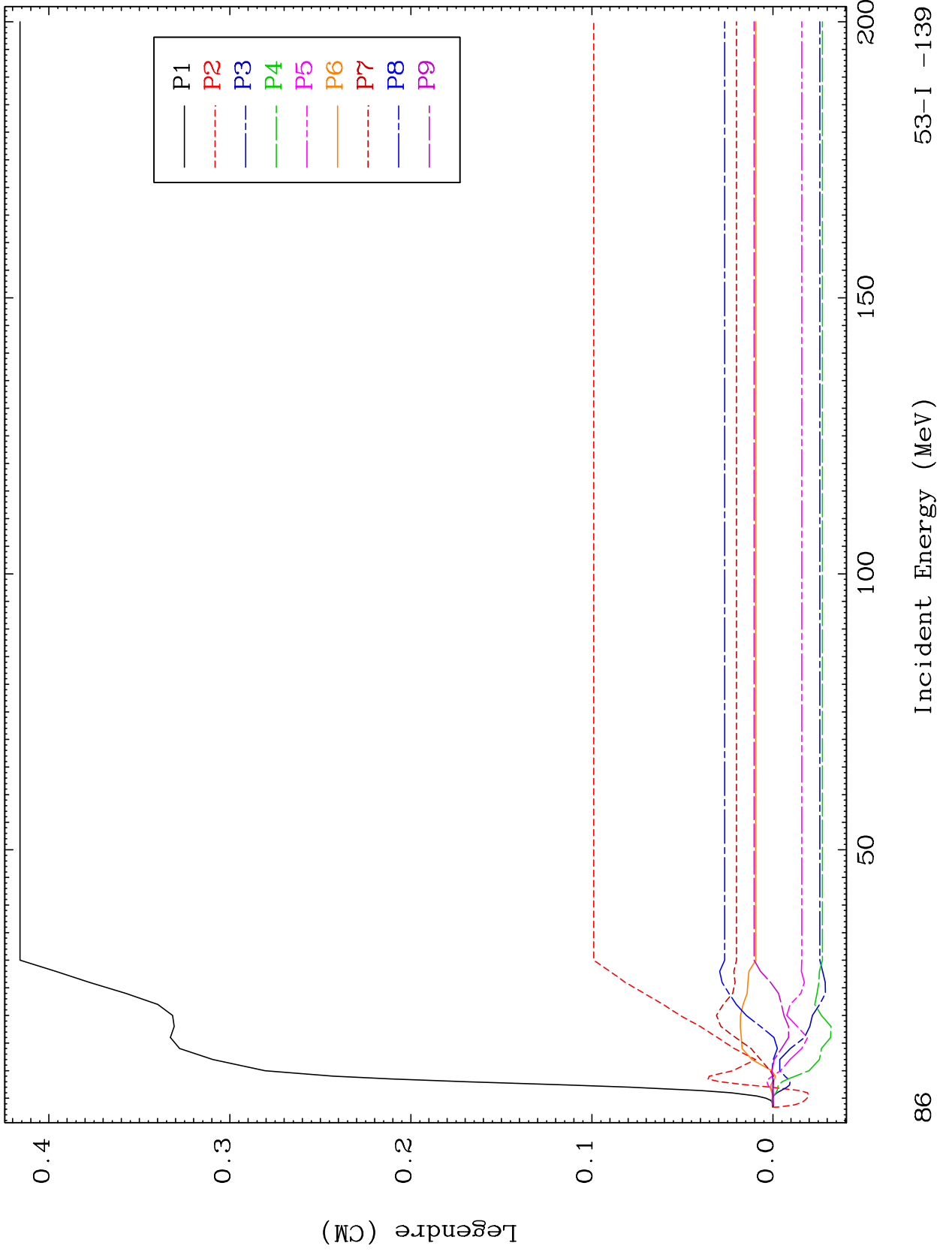


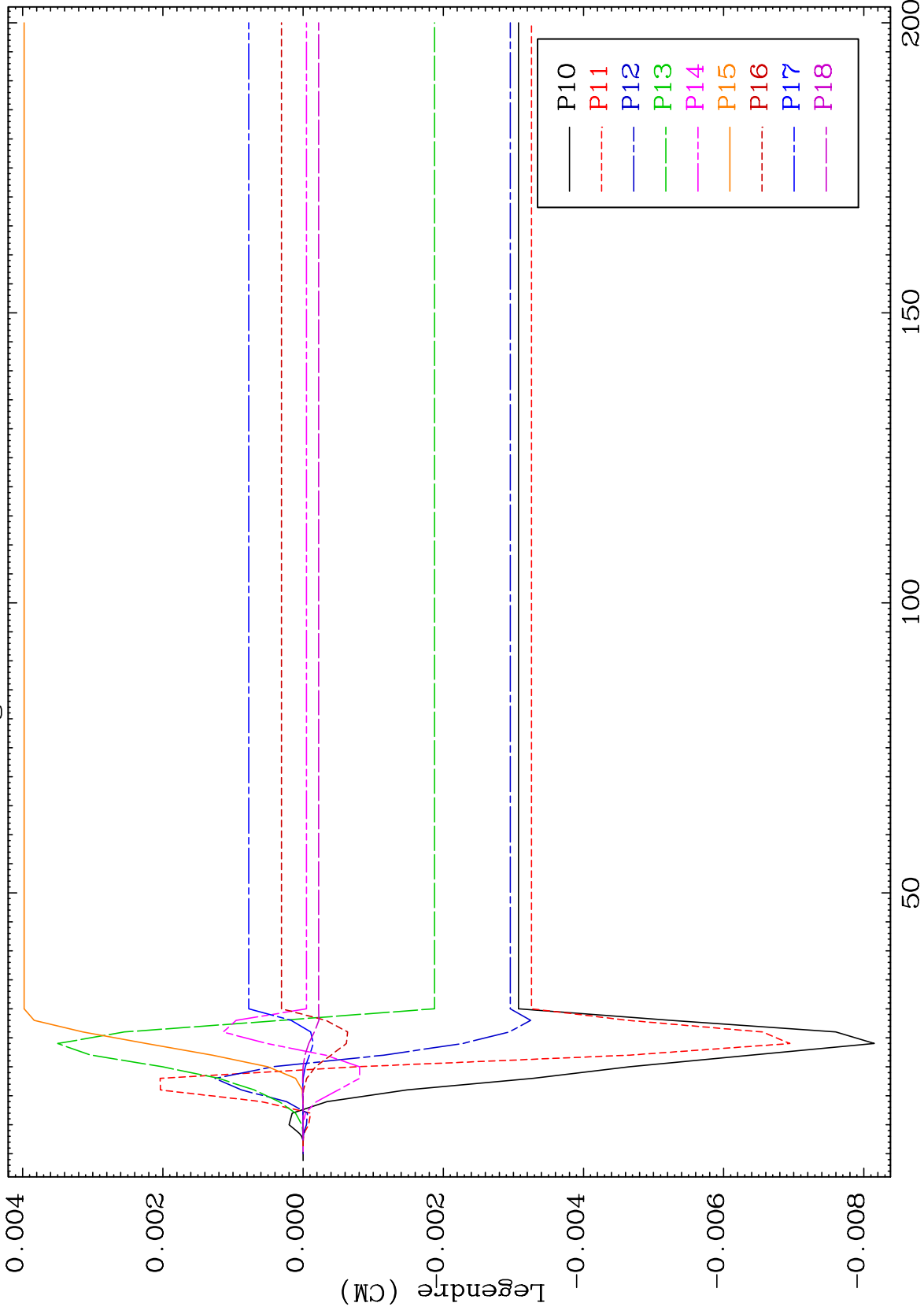


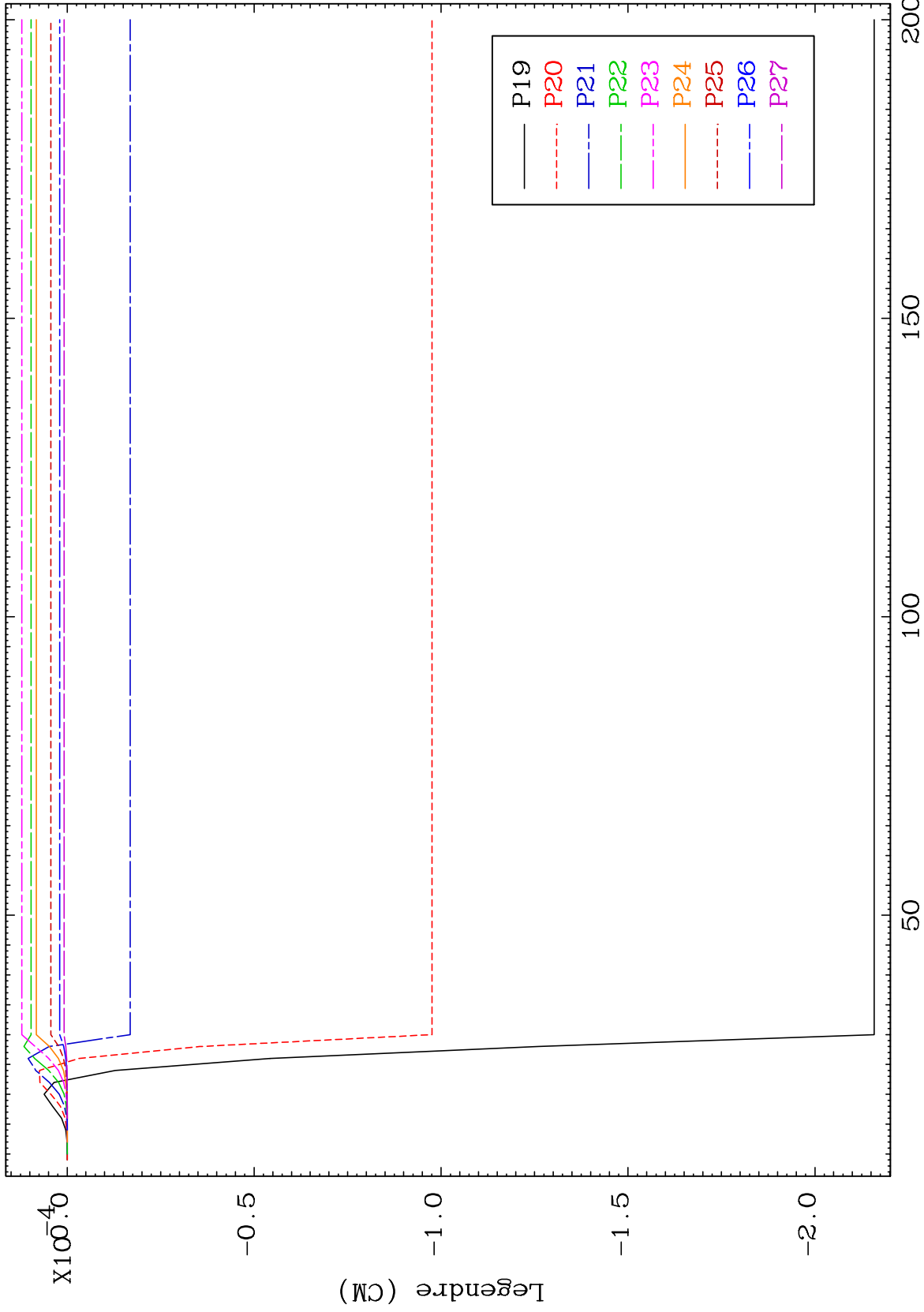


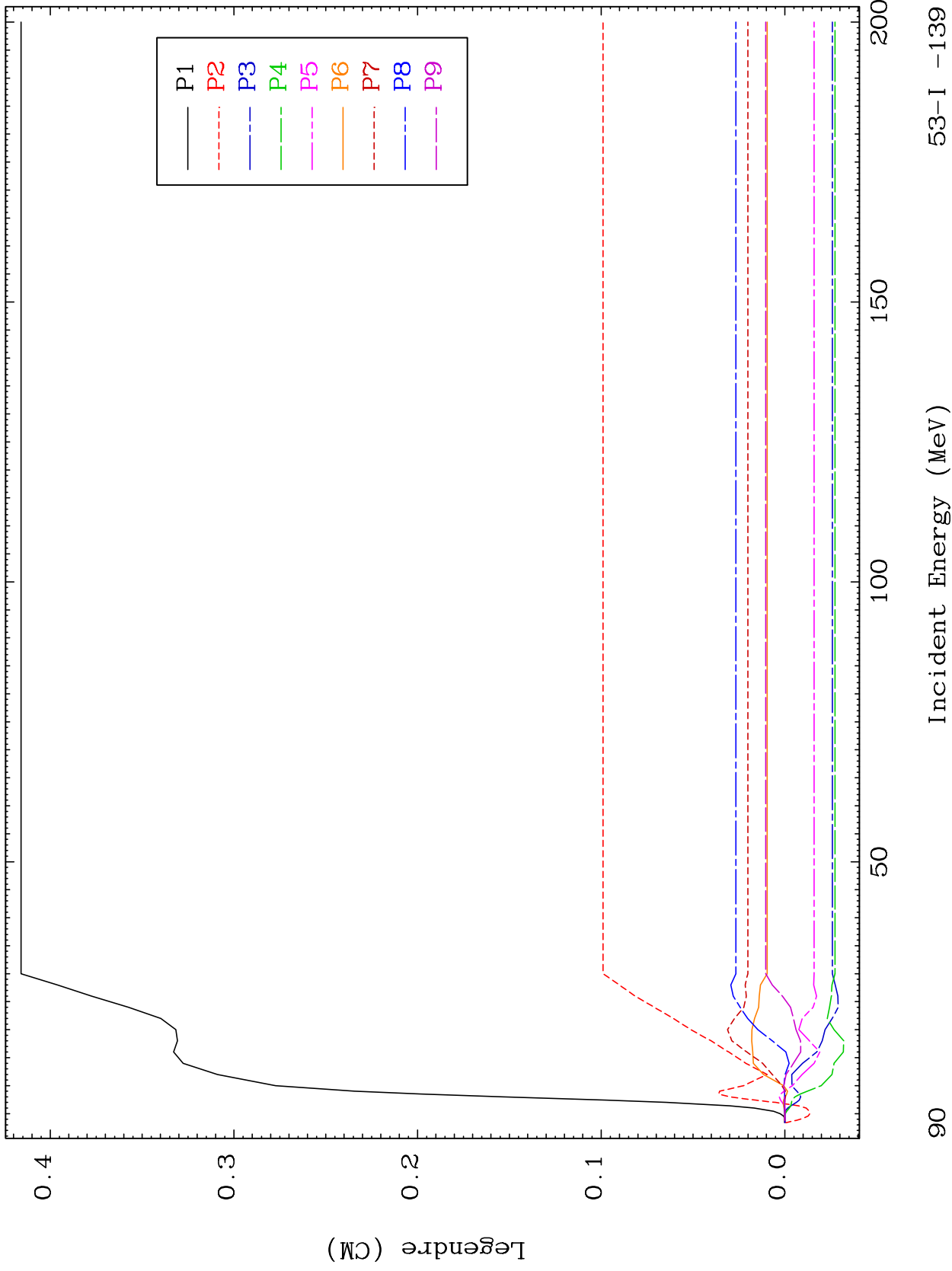


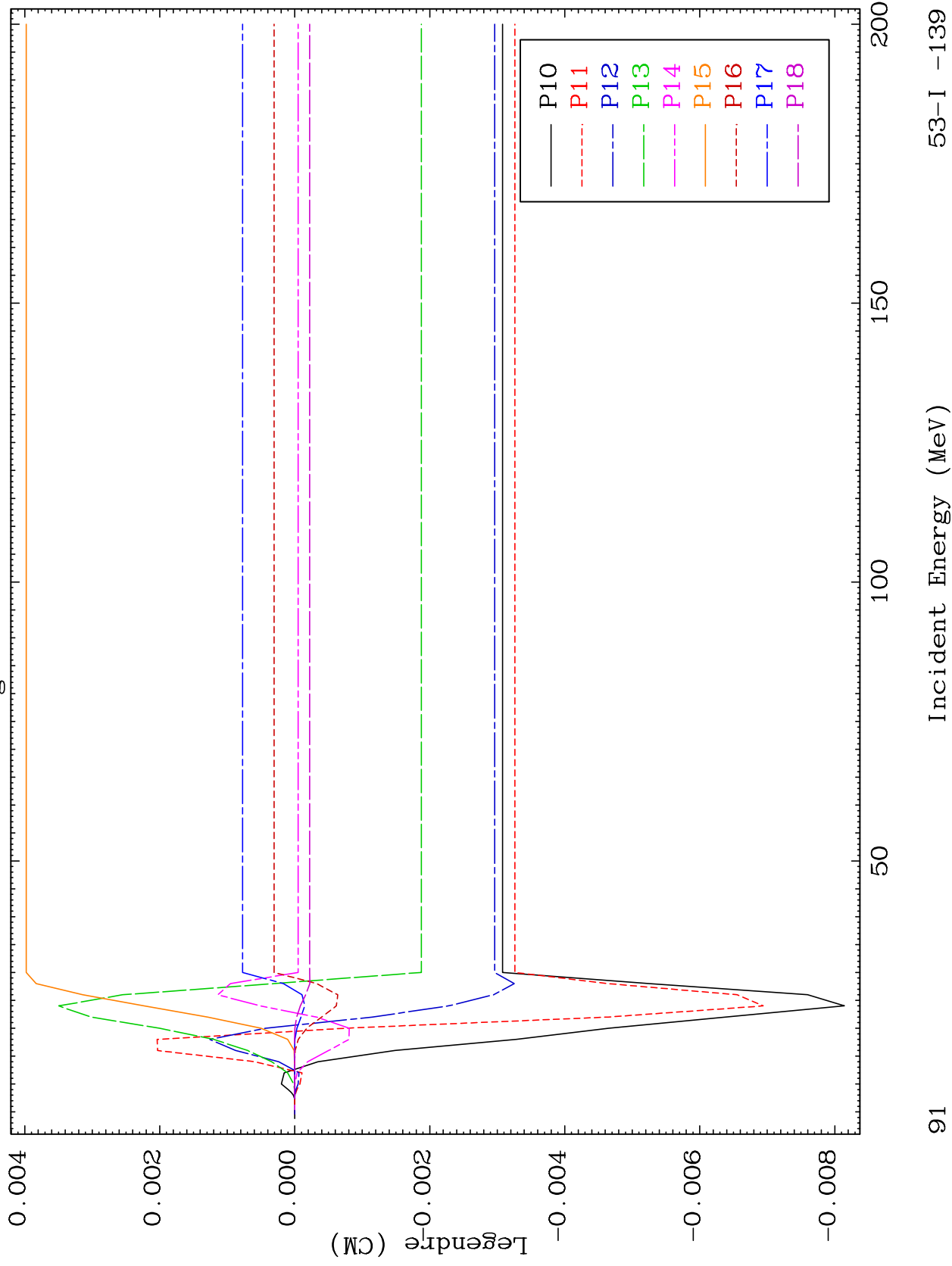








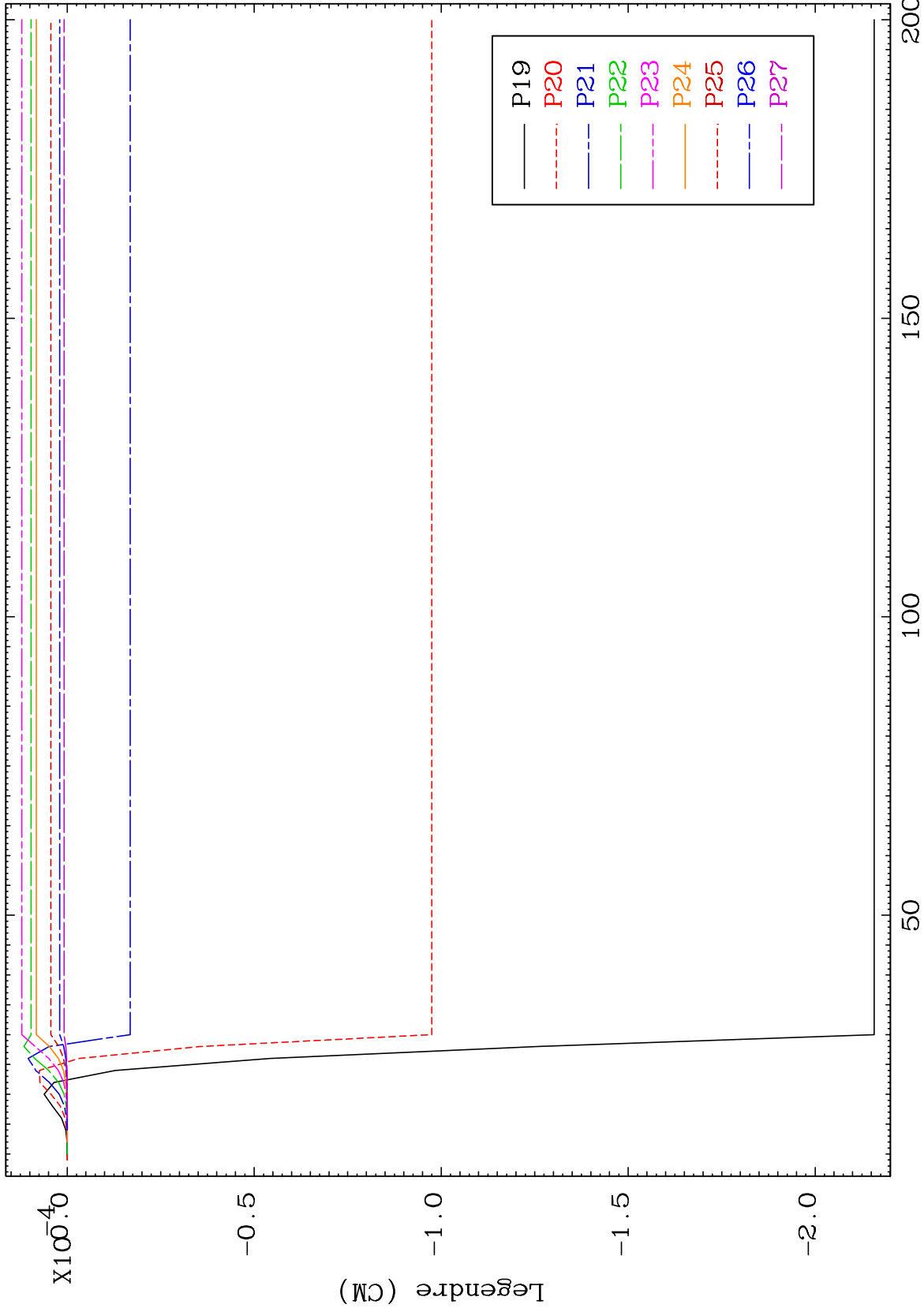




MAT 5361

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

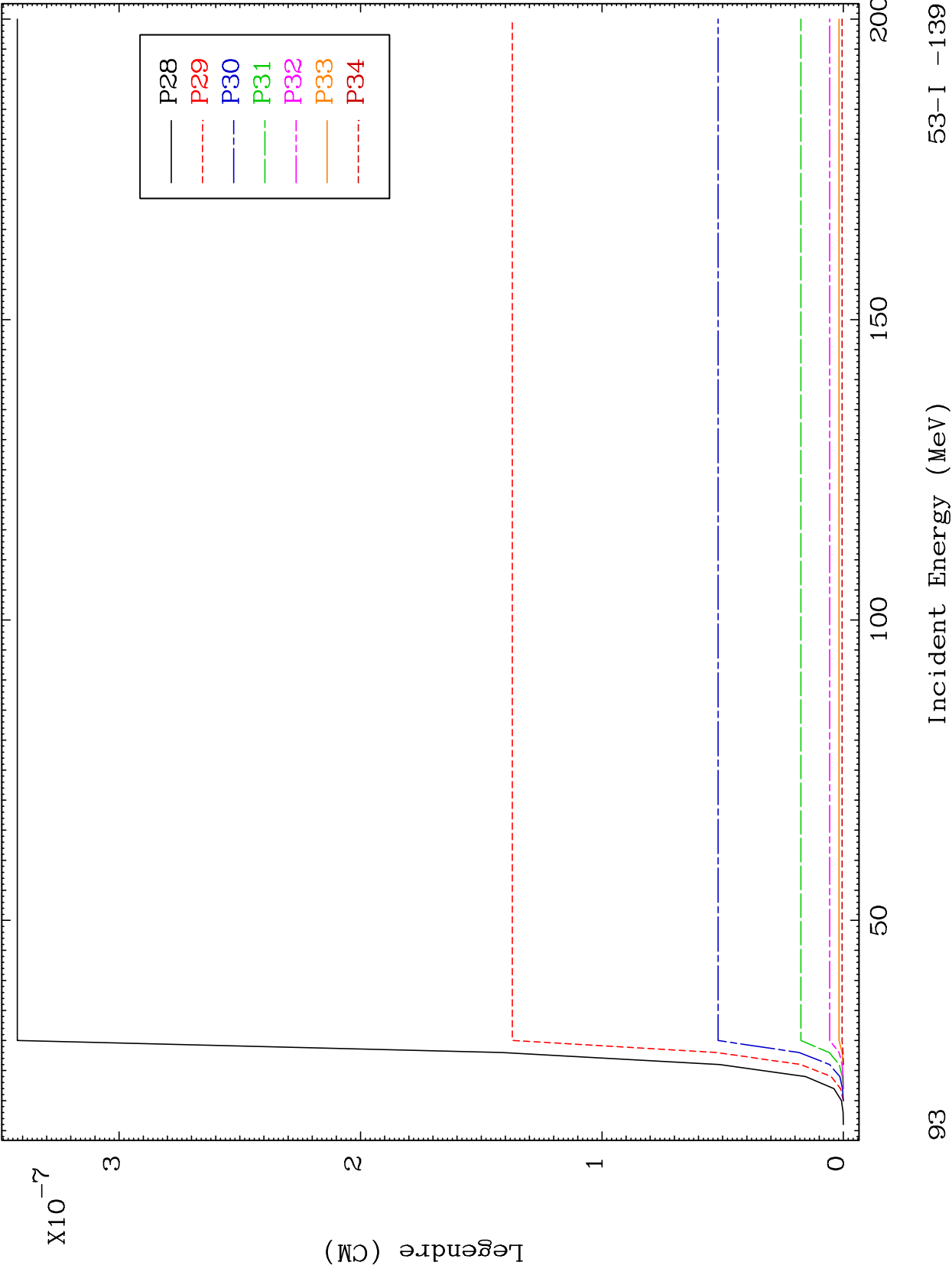
53-I -139

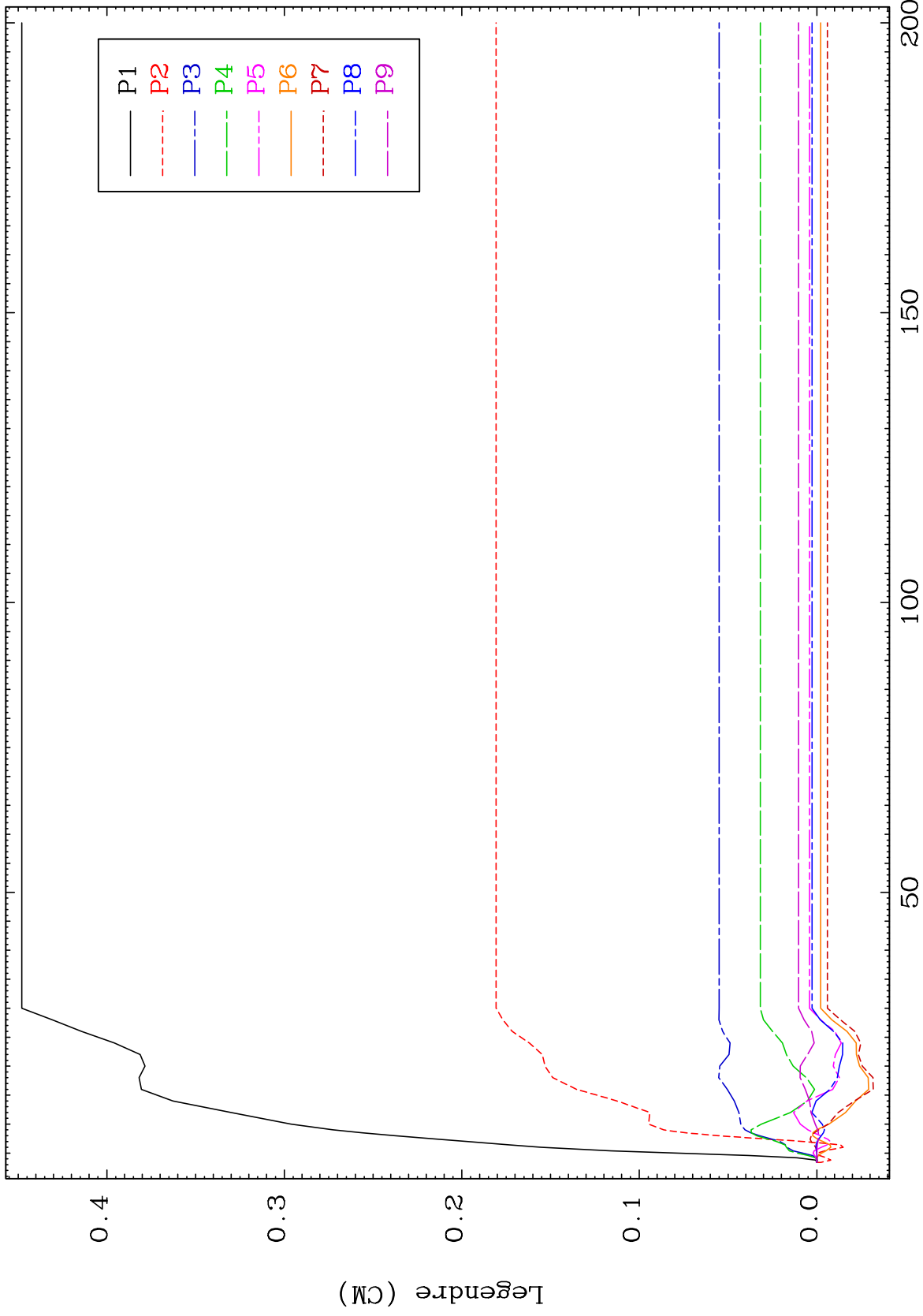


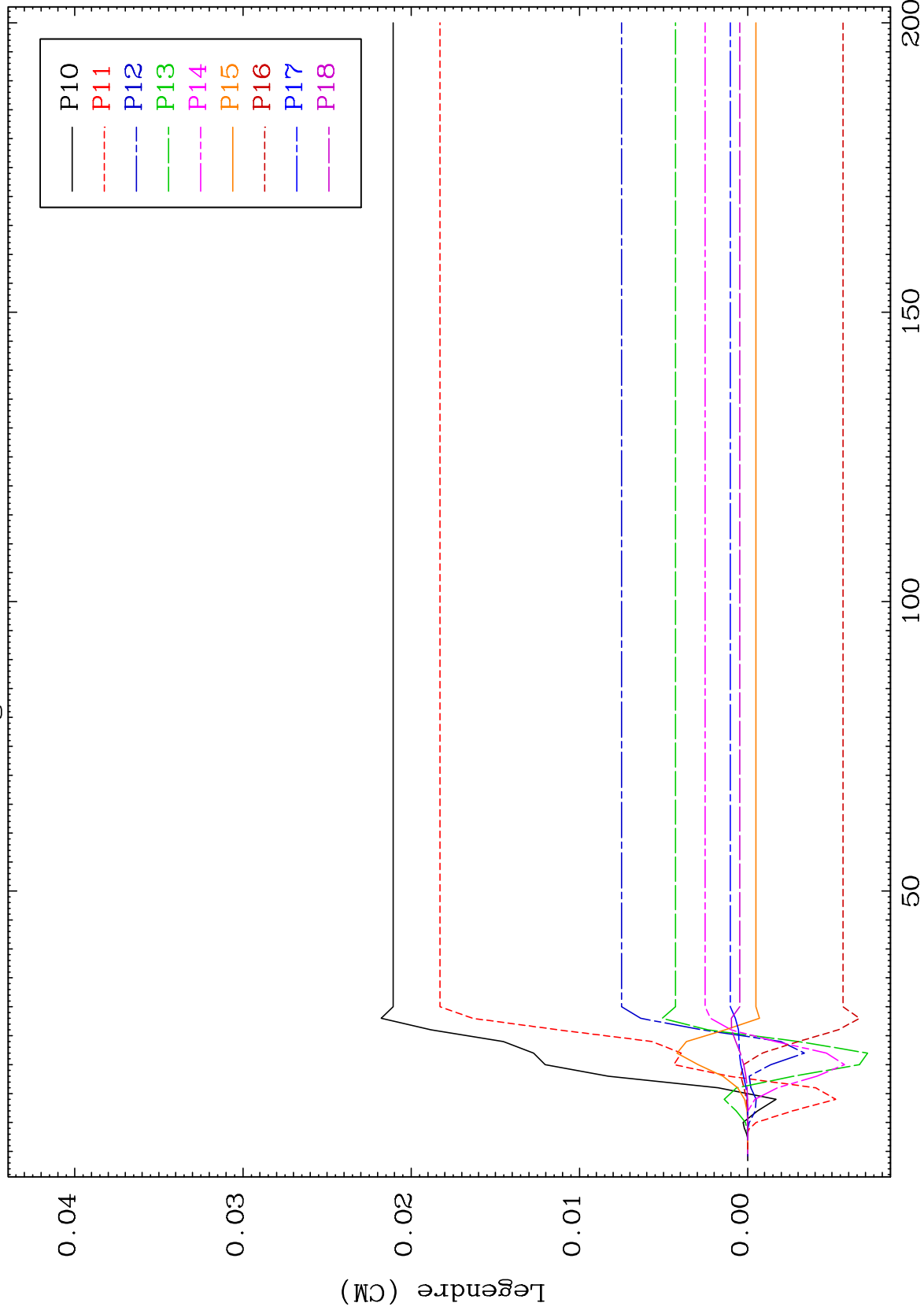
92

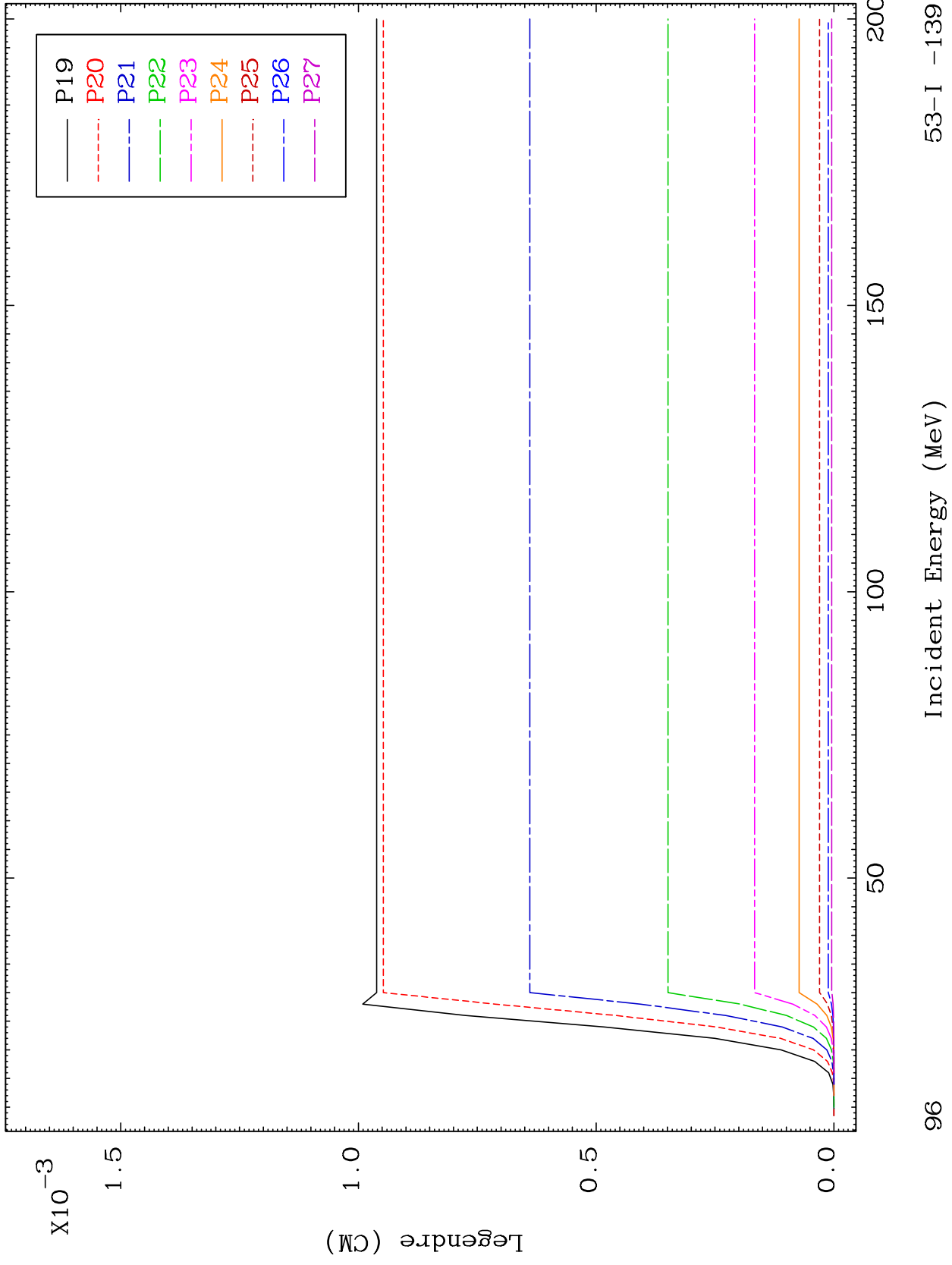
Incident Energy (MeV)

53-I -139





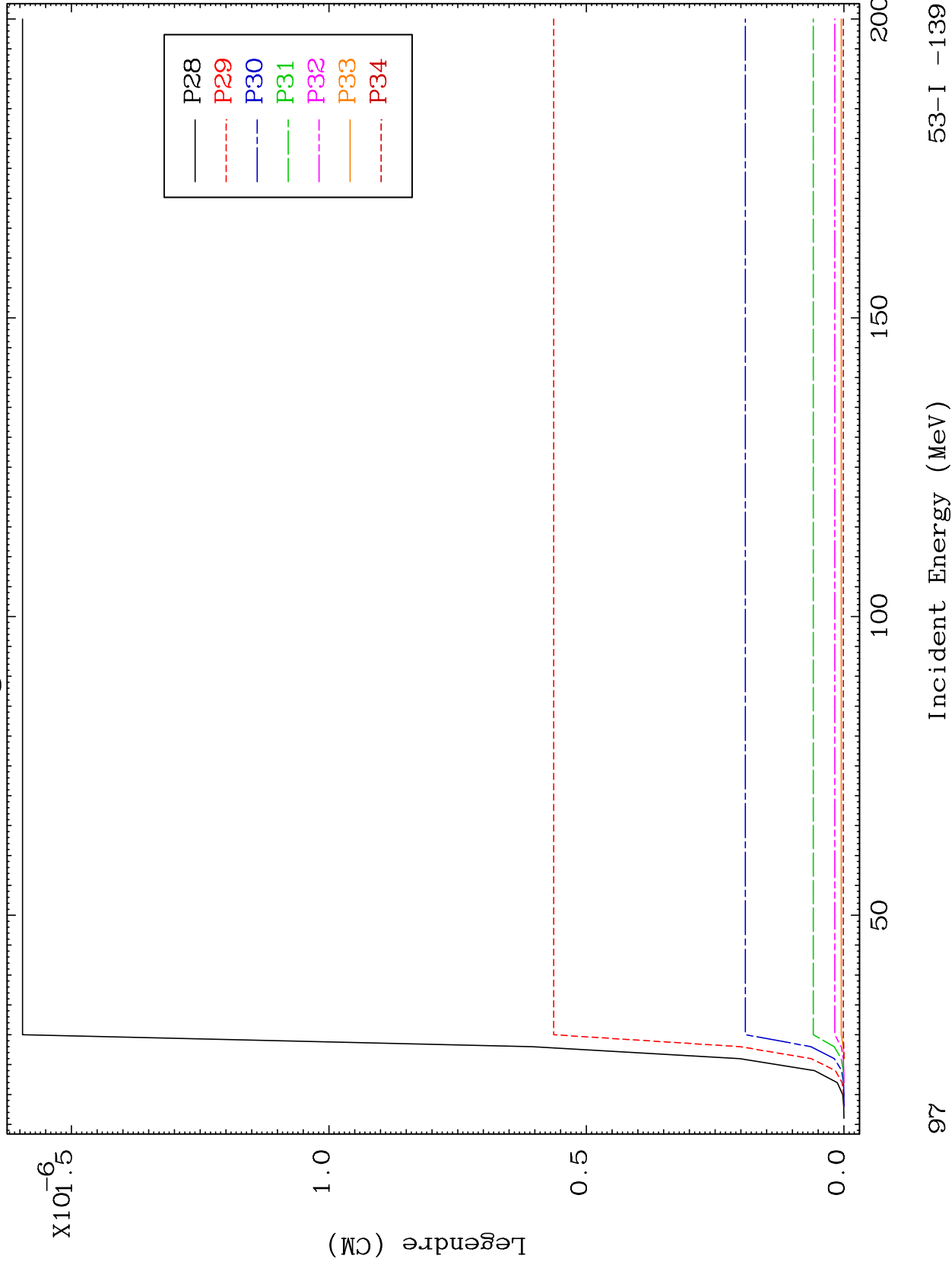




MAT 5361

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

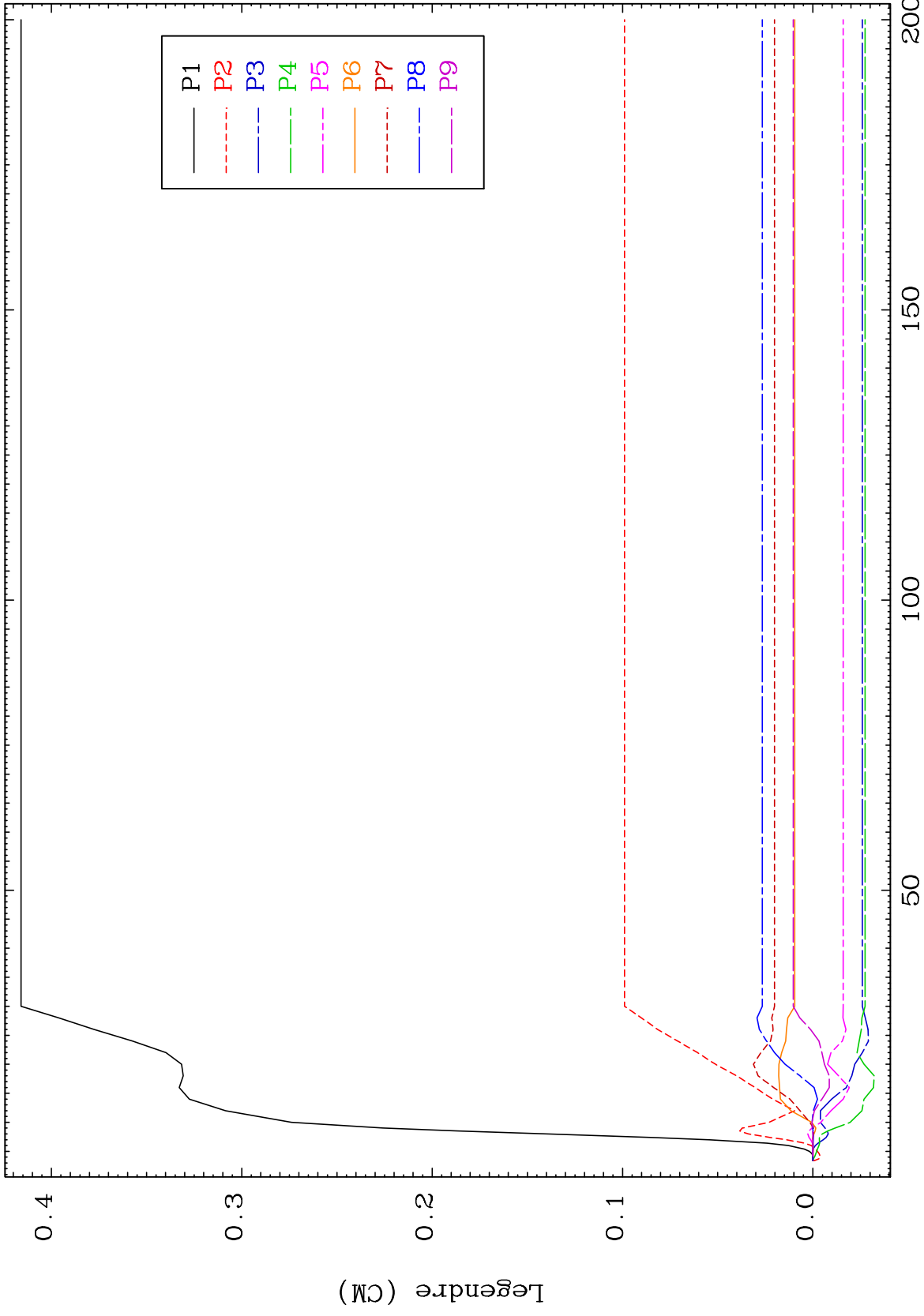
53-I -139

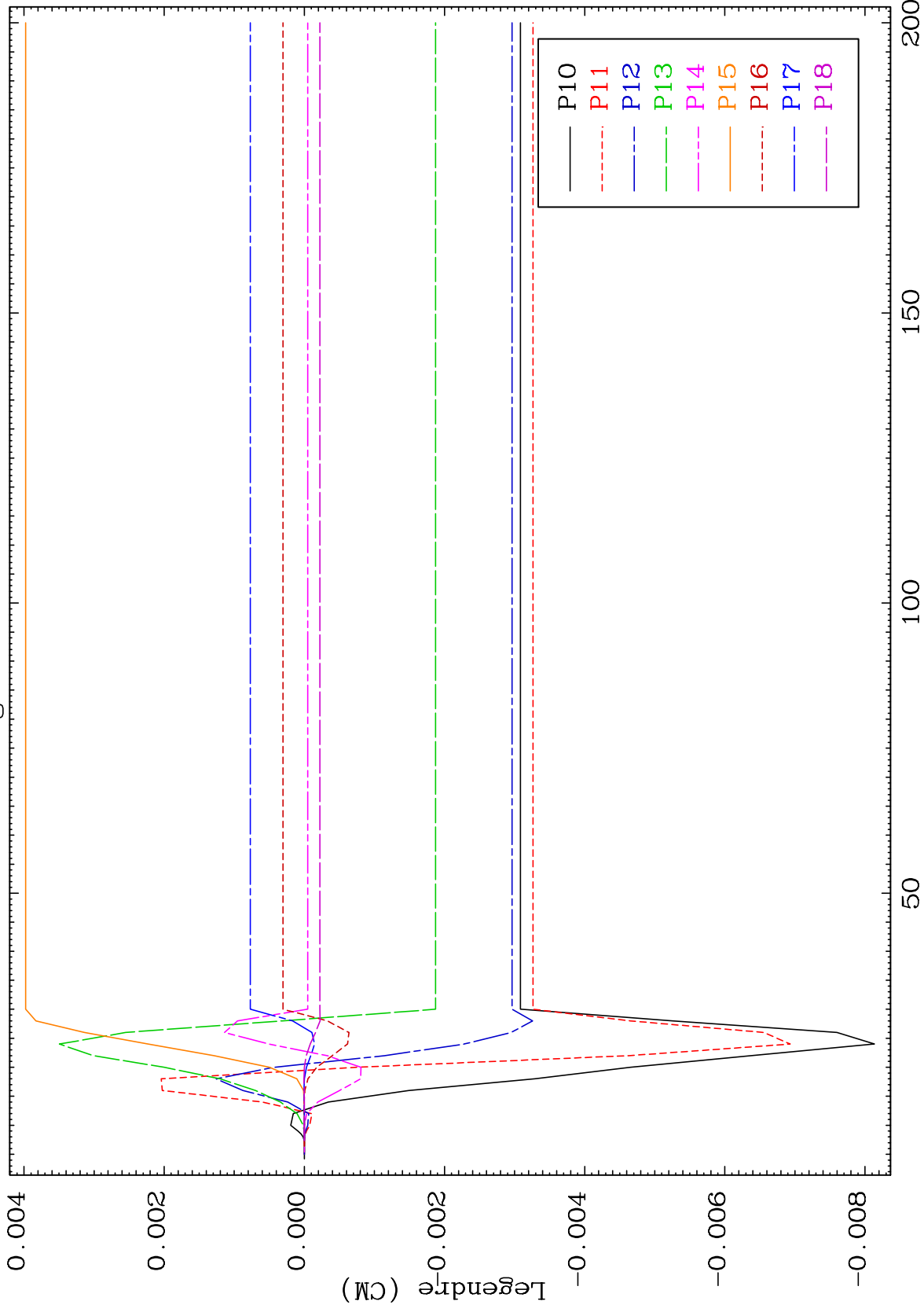


97

Incident Energy (MeV)

53-I -139

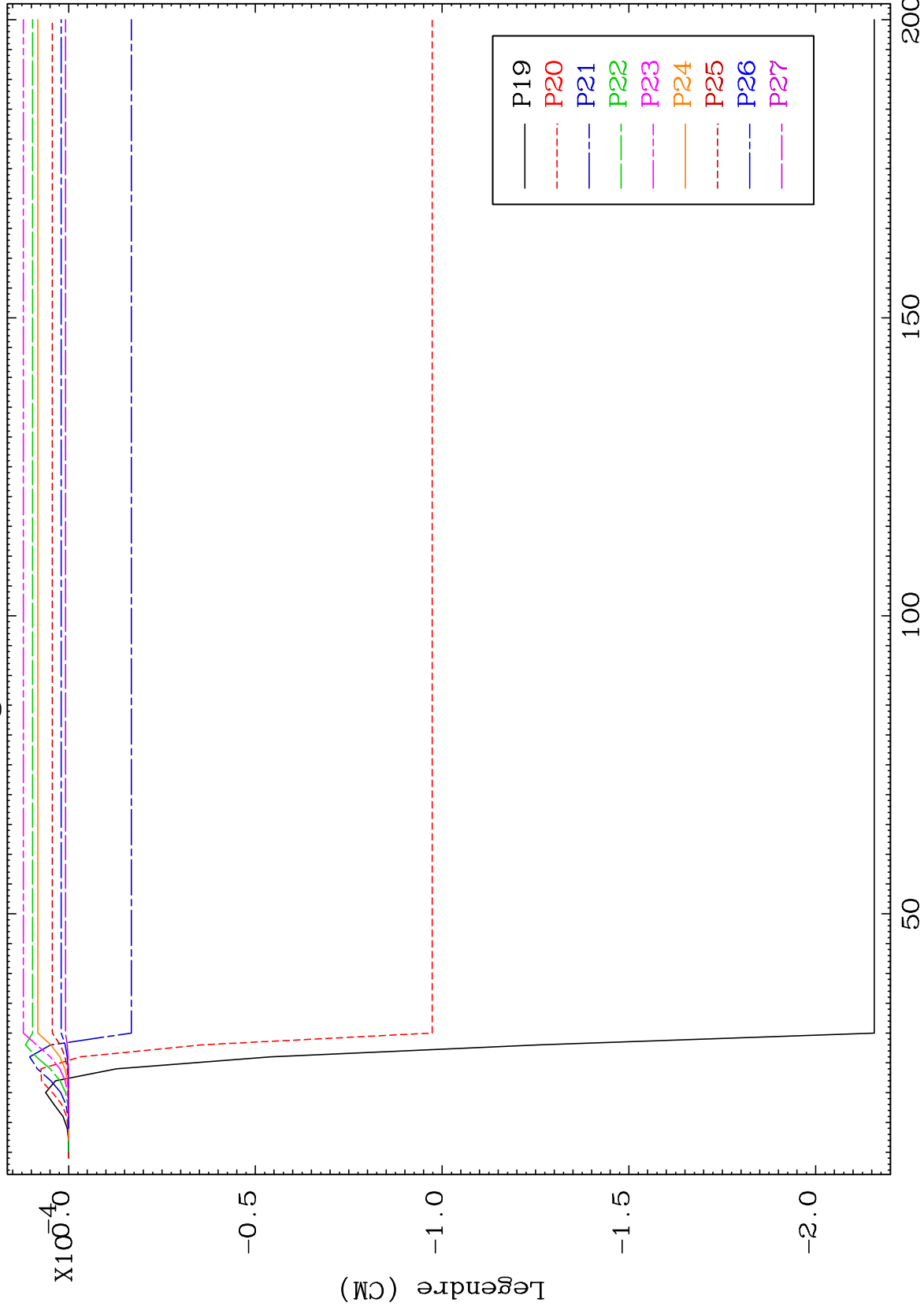




MAT 5361

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

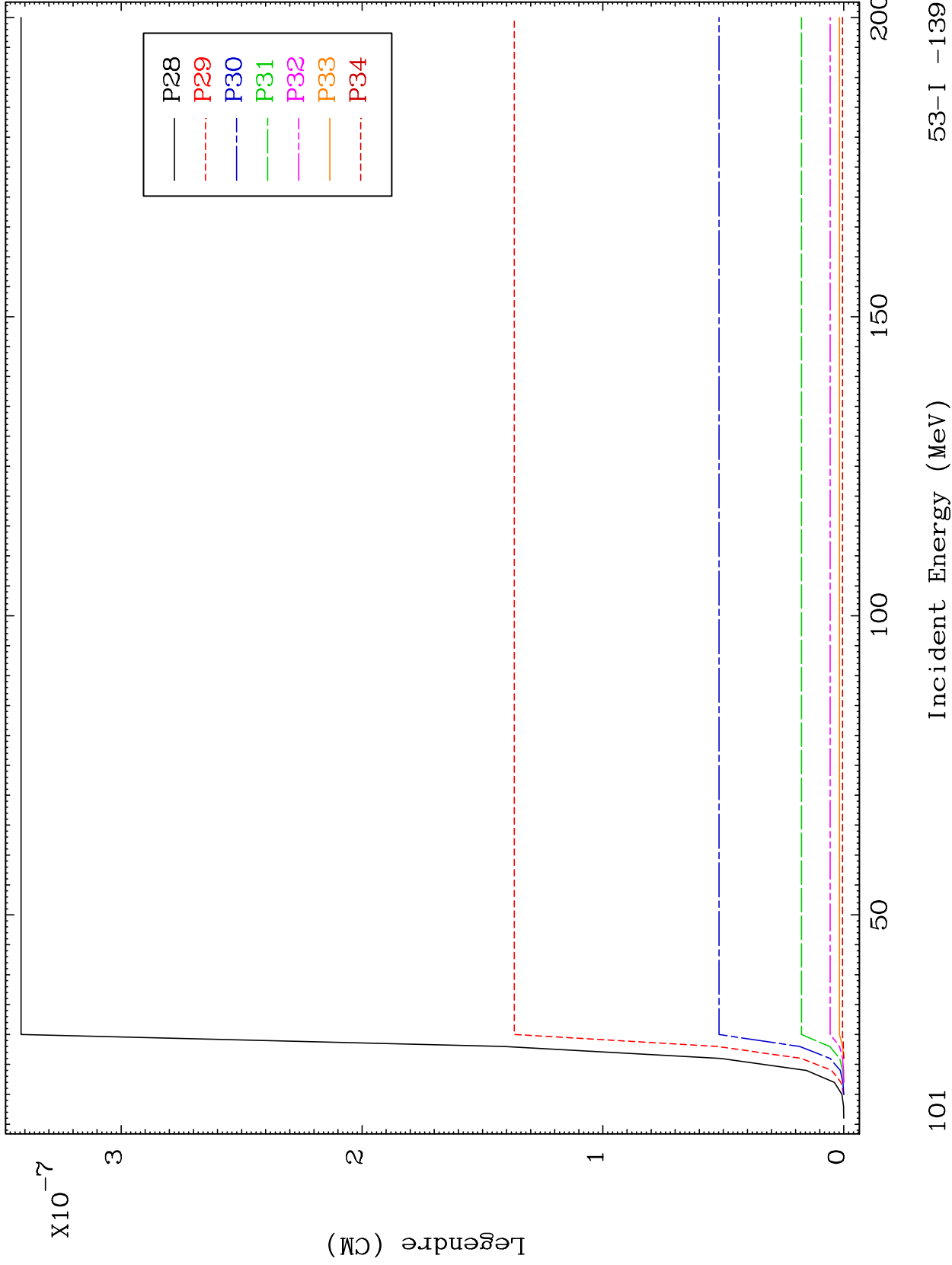
53-I -139

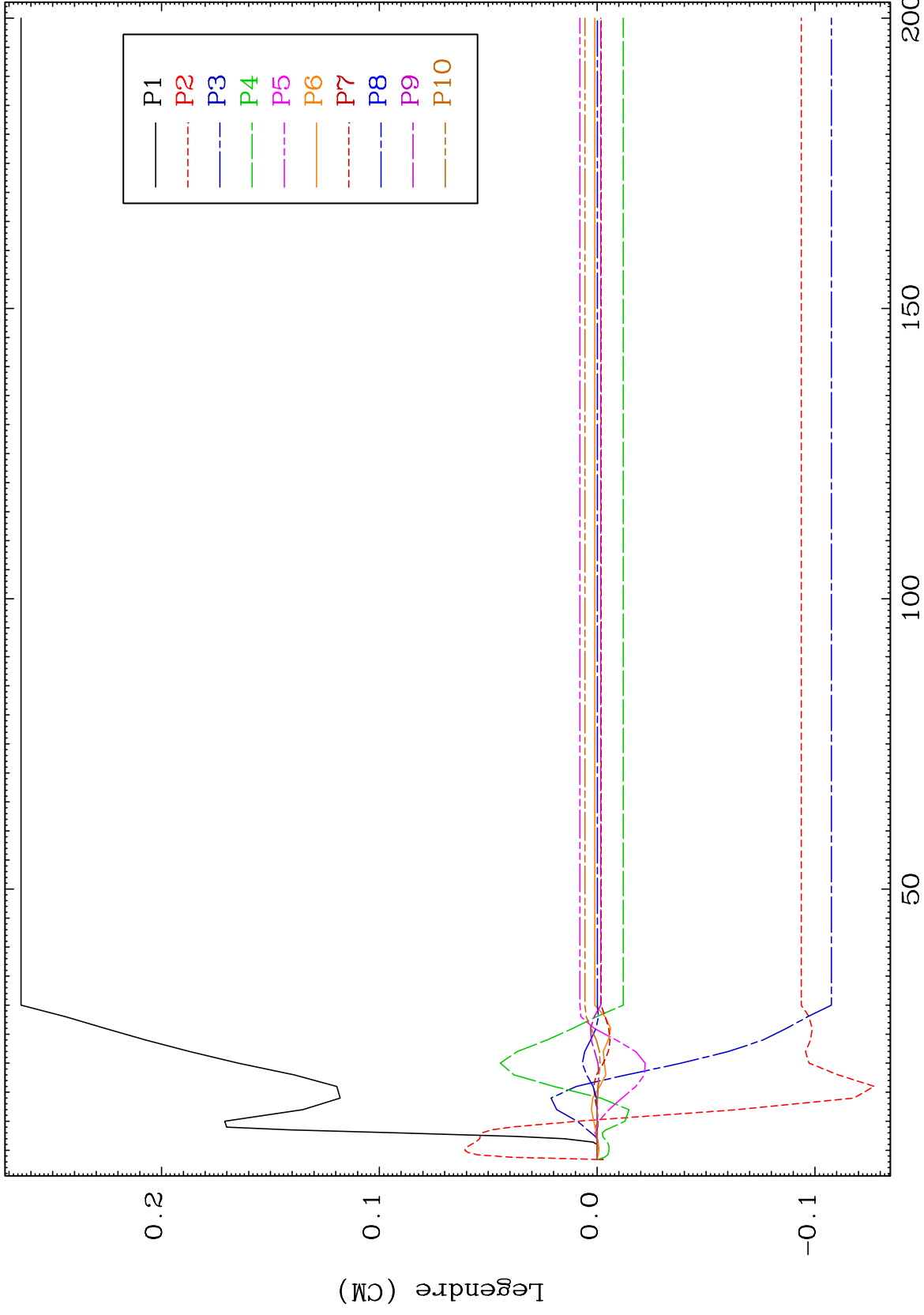


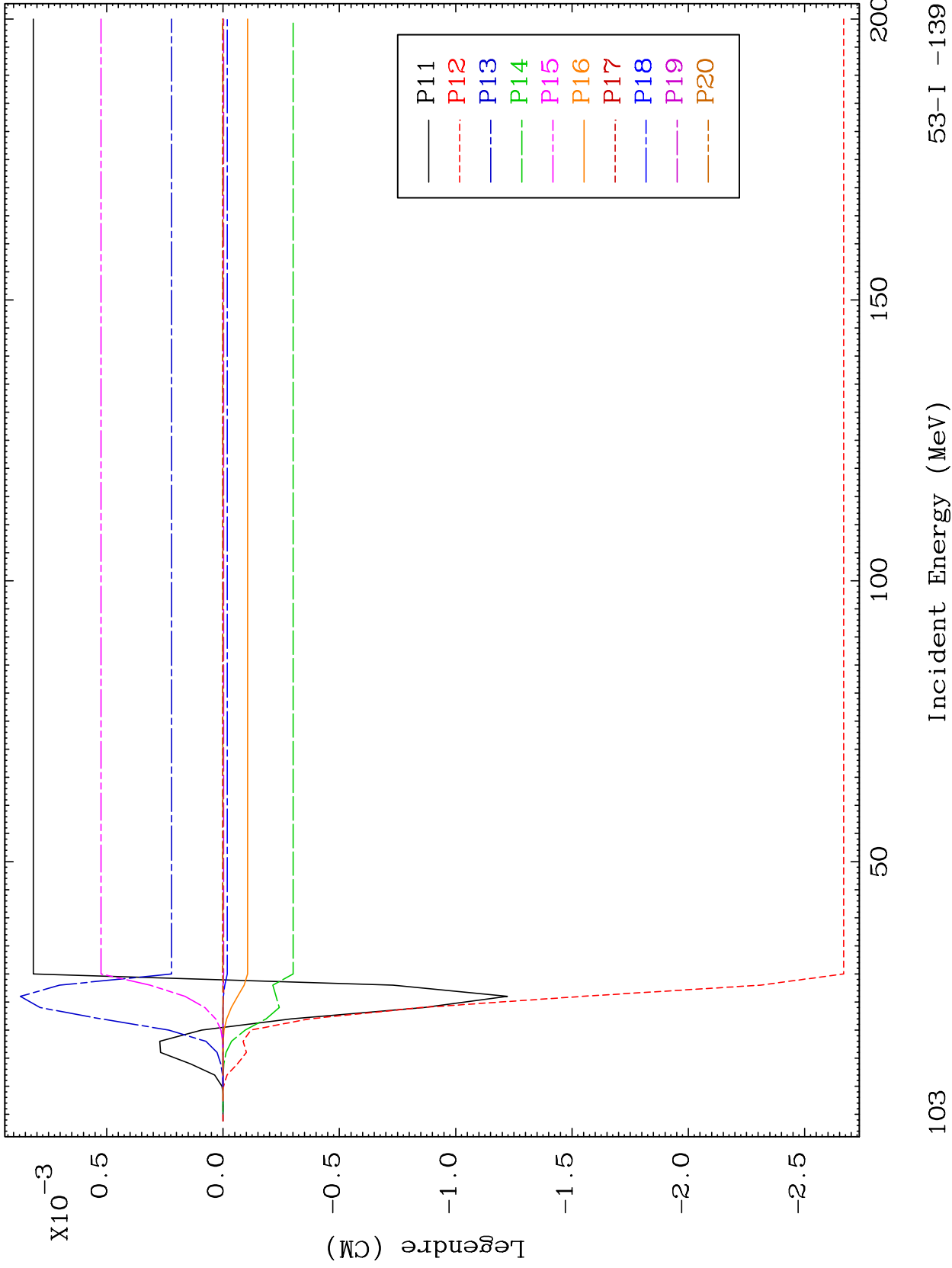
100

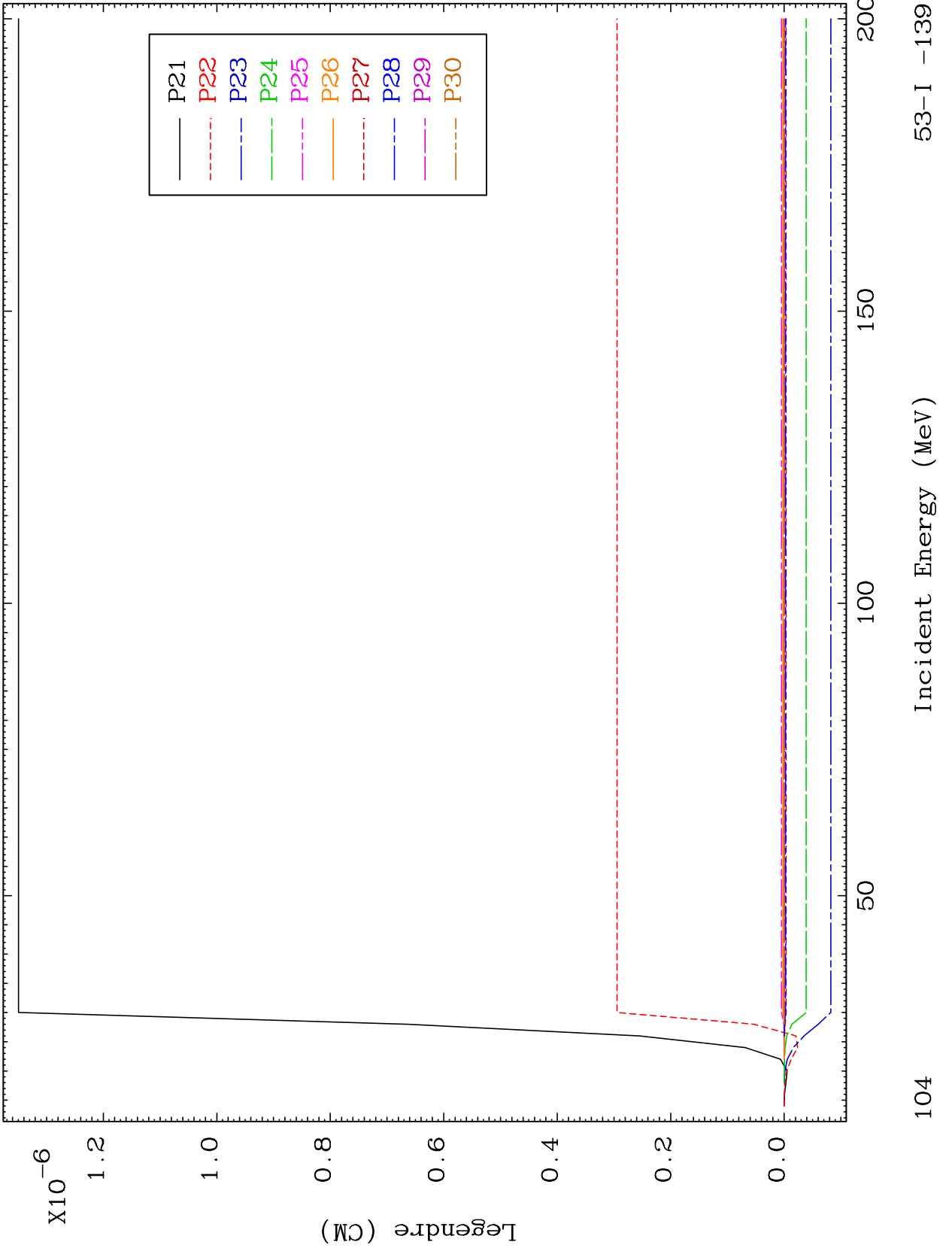
Incident Energy (MeV)

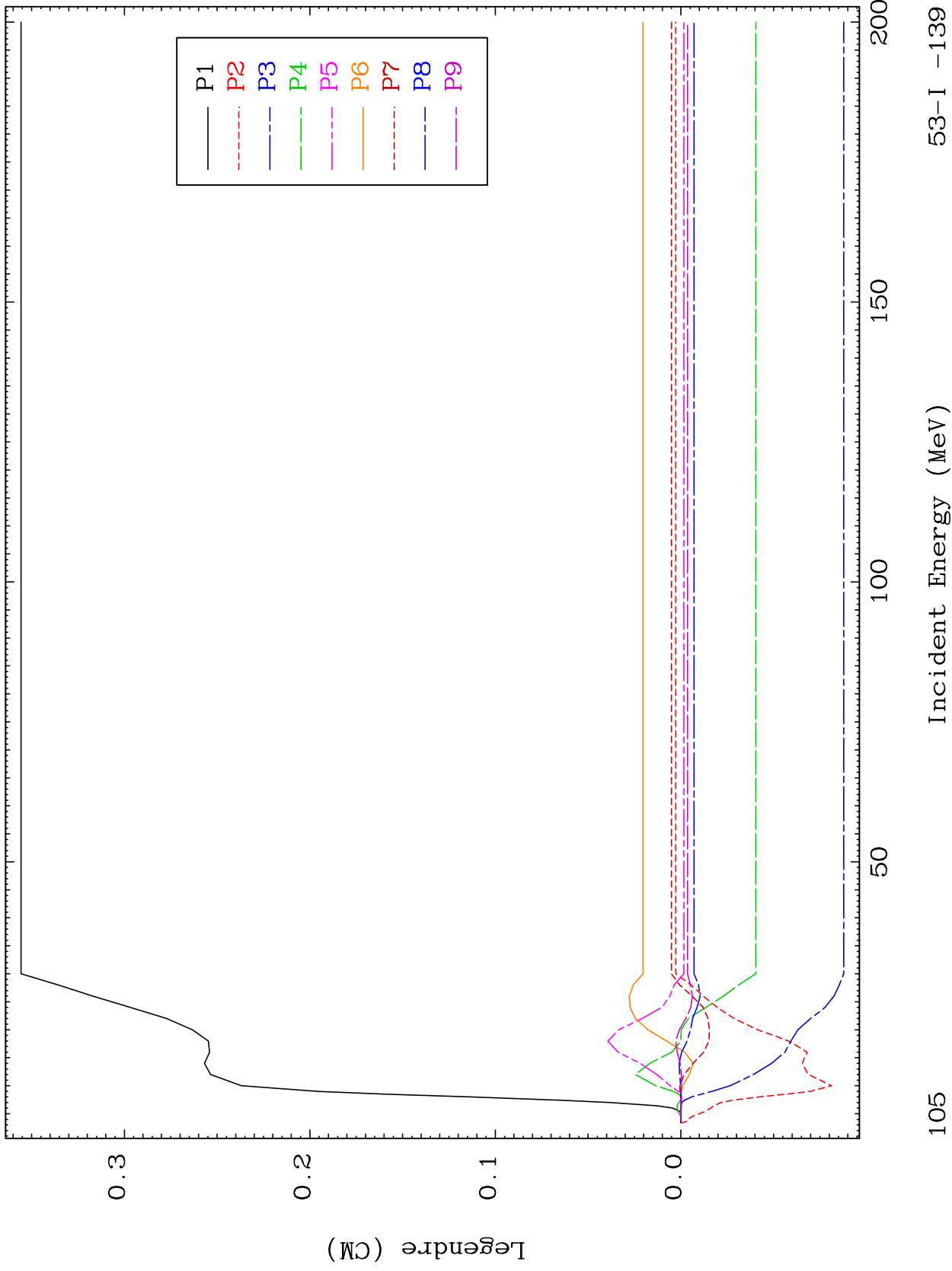
53-I -139

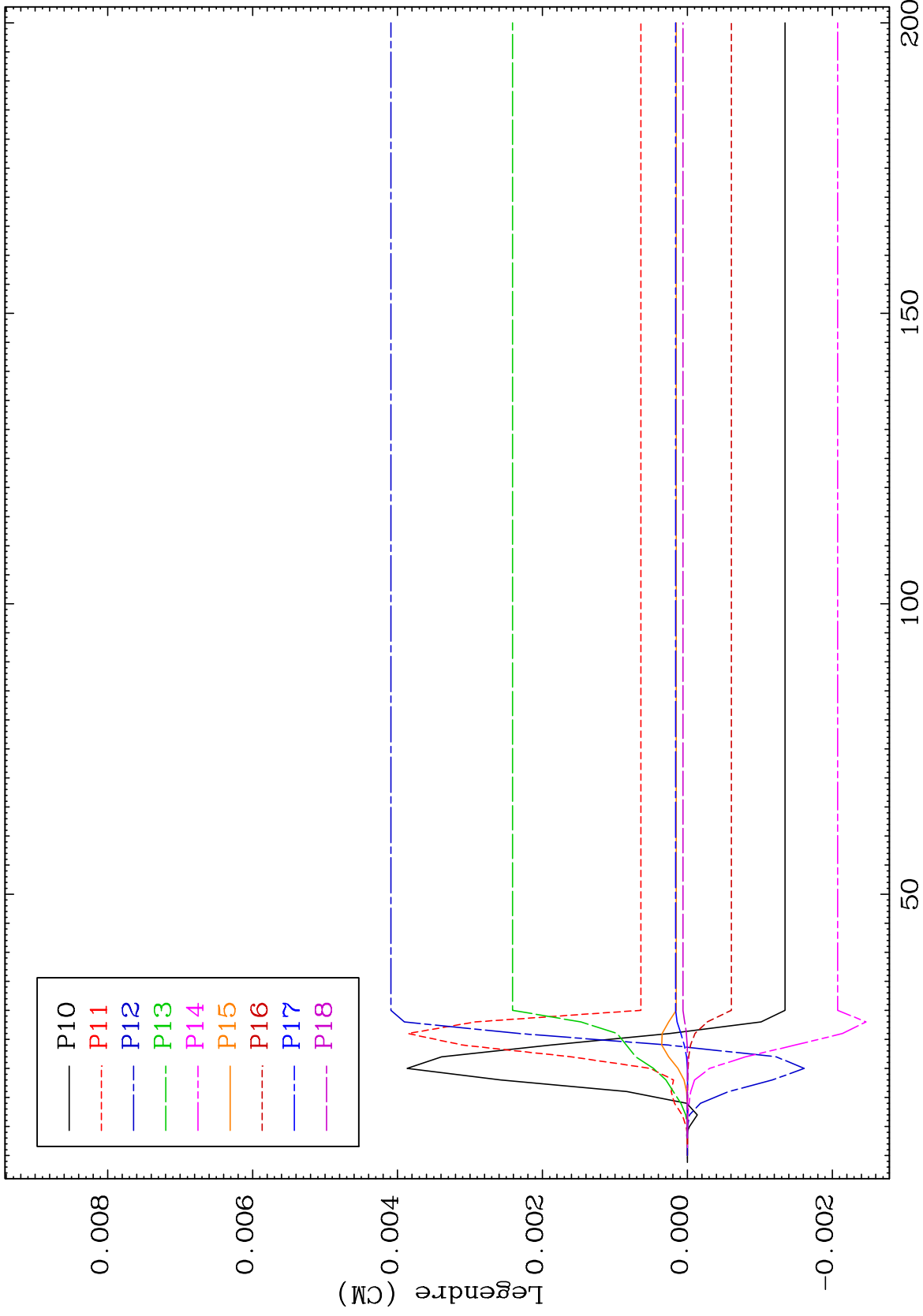


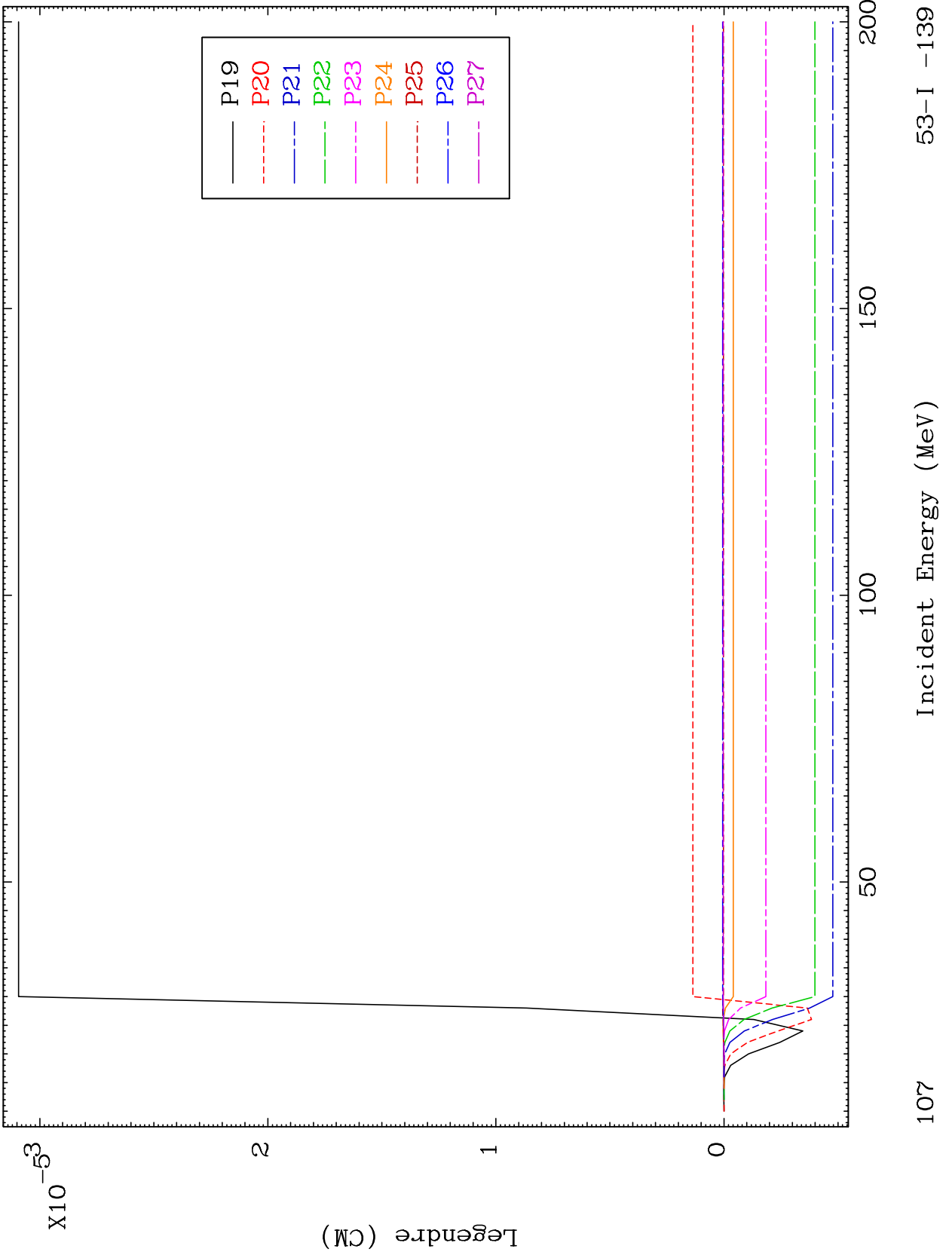








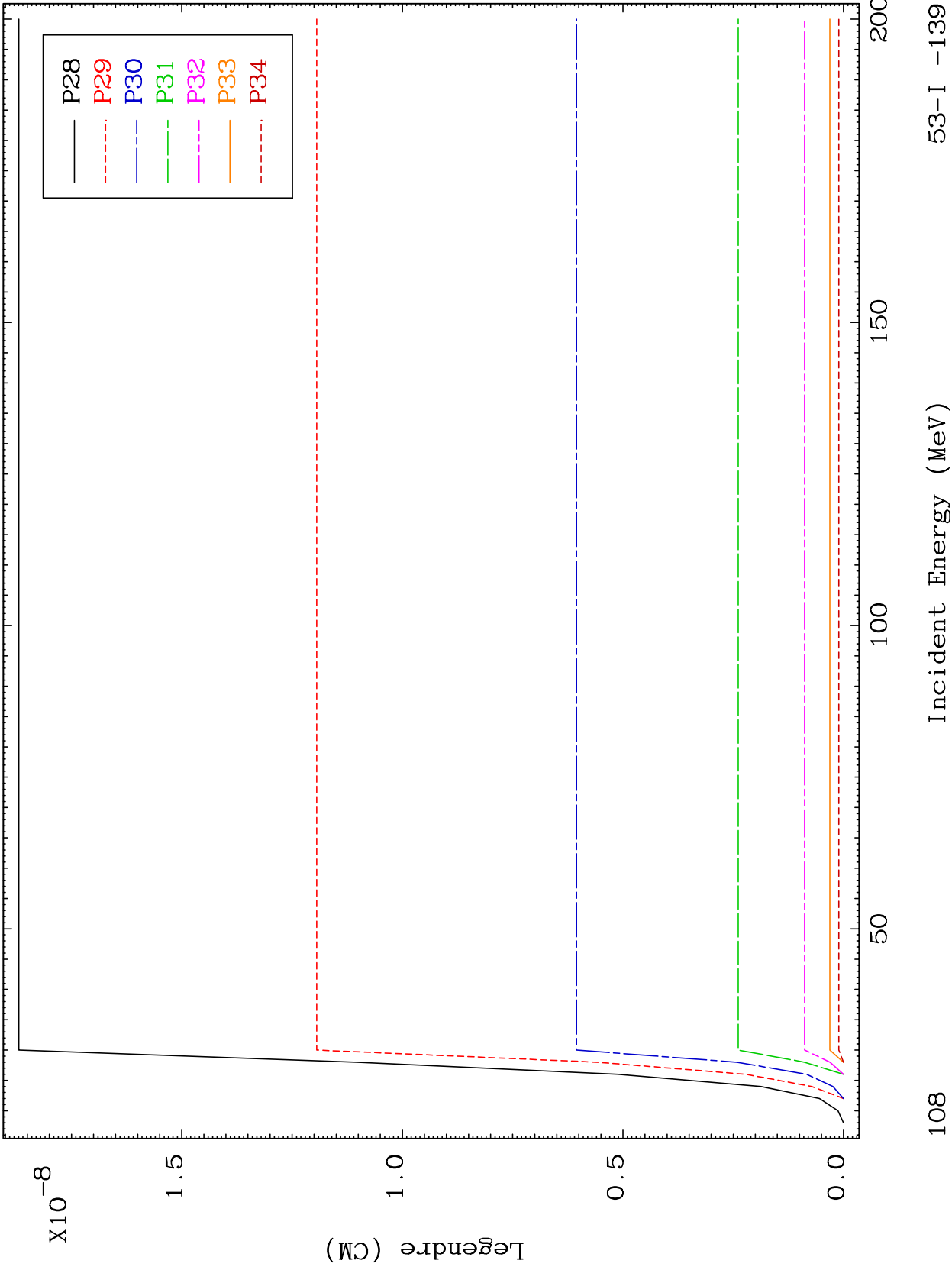




MAT 5361

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

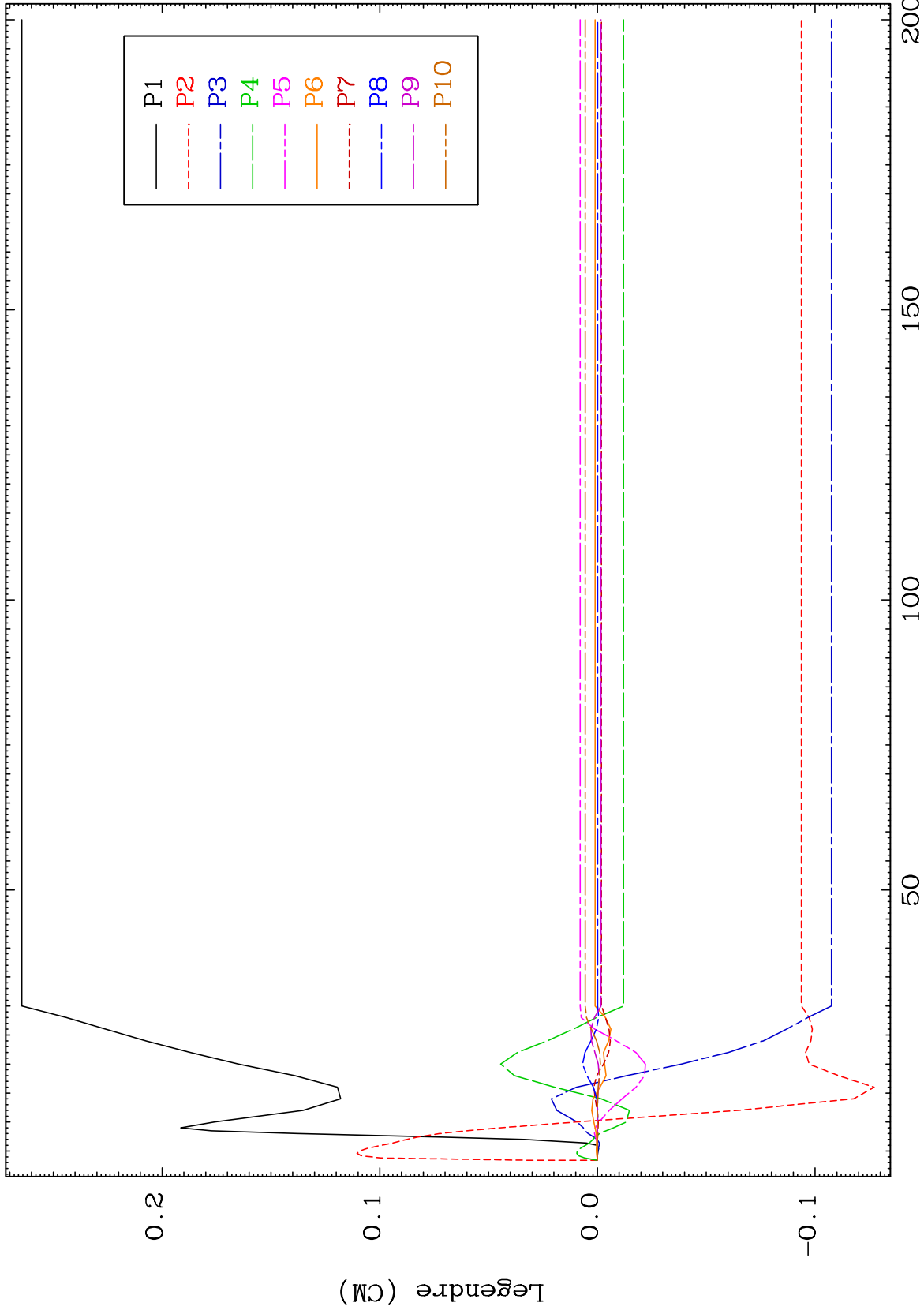
53-I -139

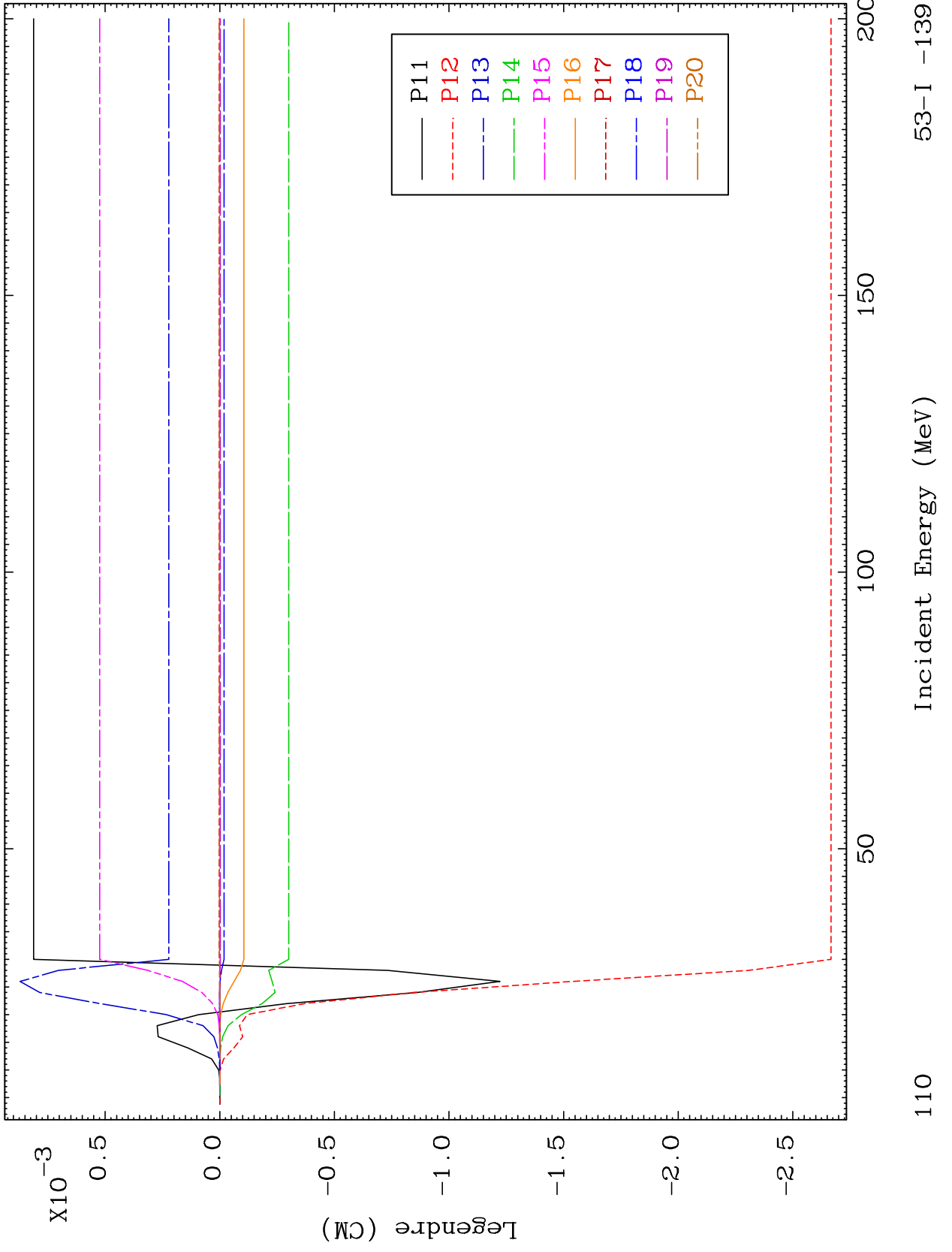


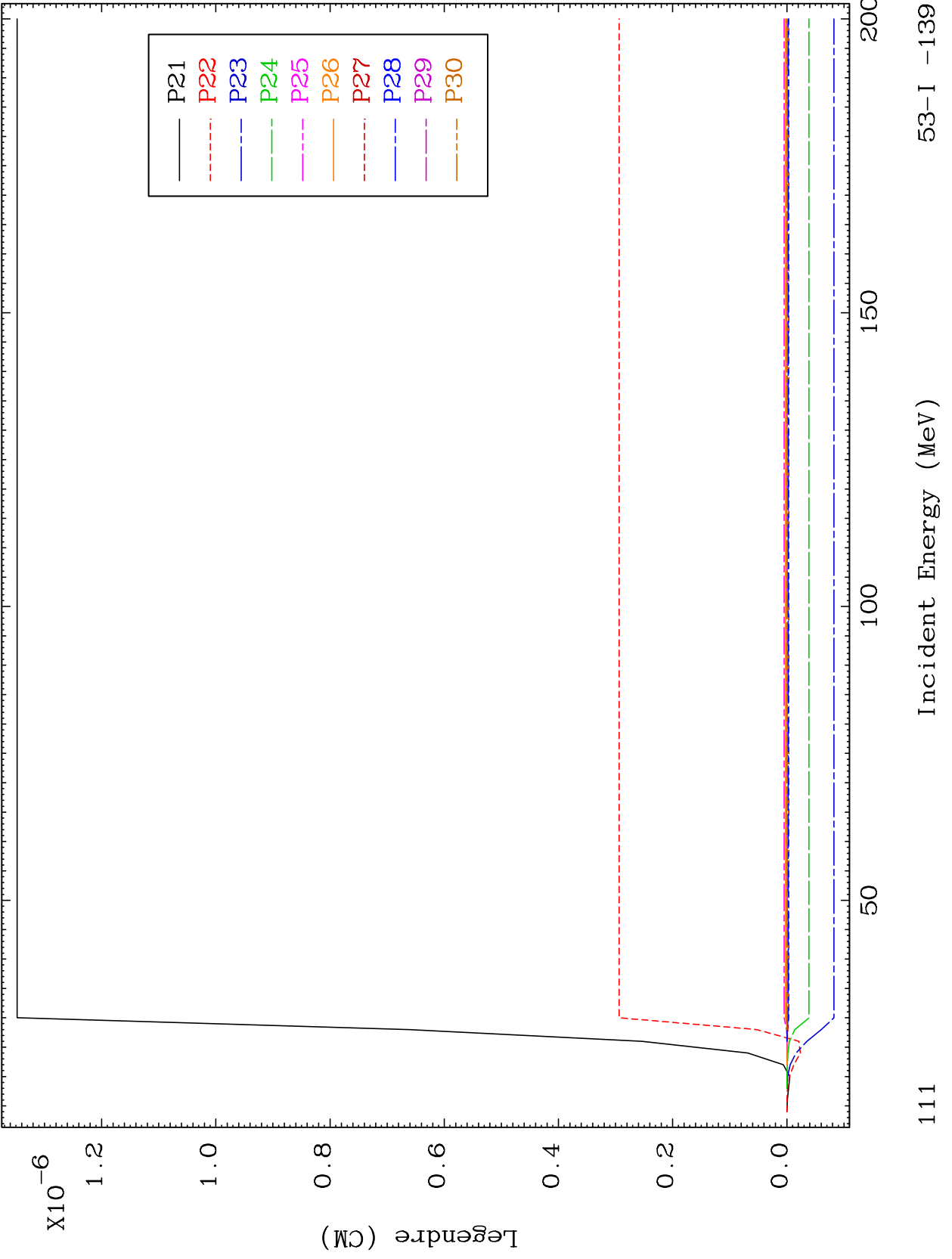
108

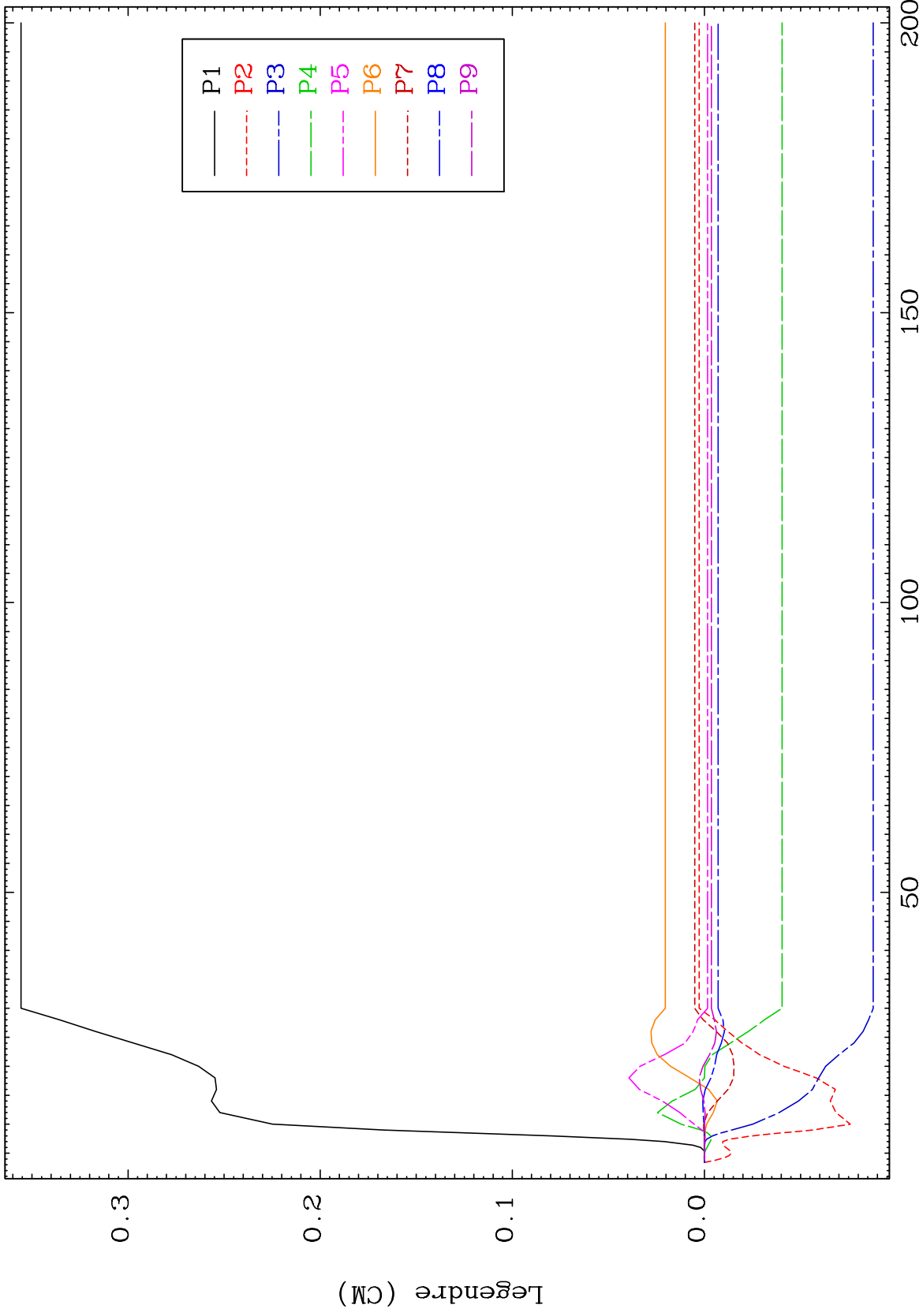
Incident Energy (MeV)

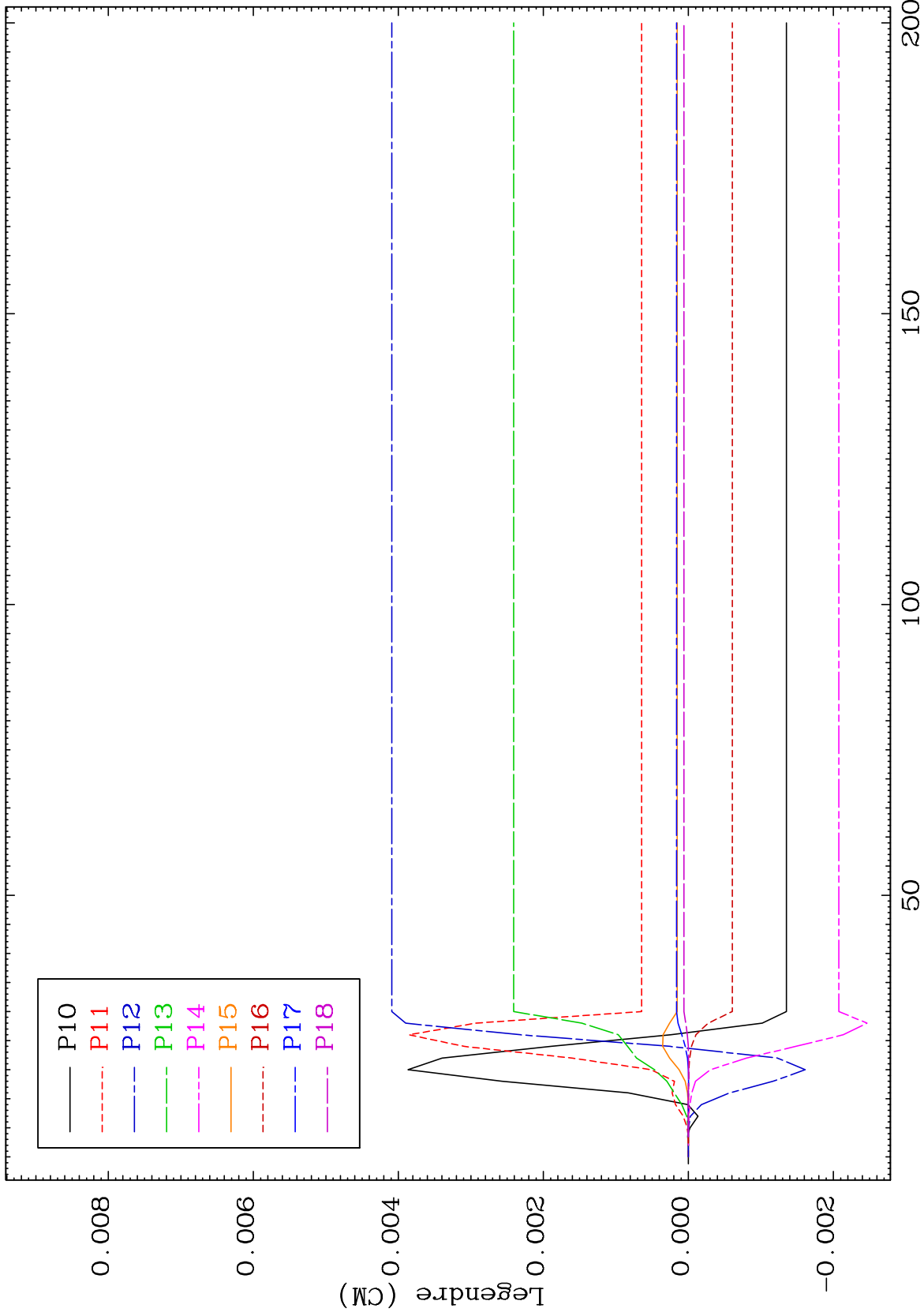
53-I -139

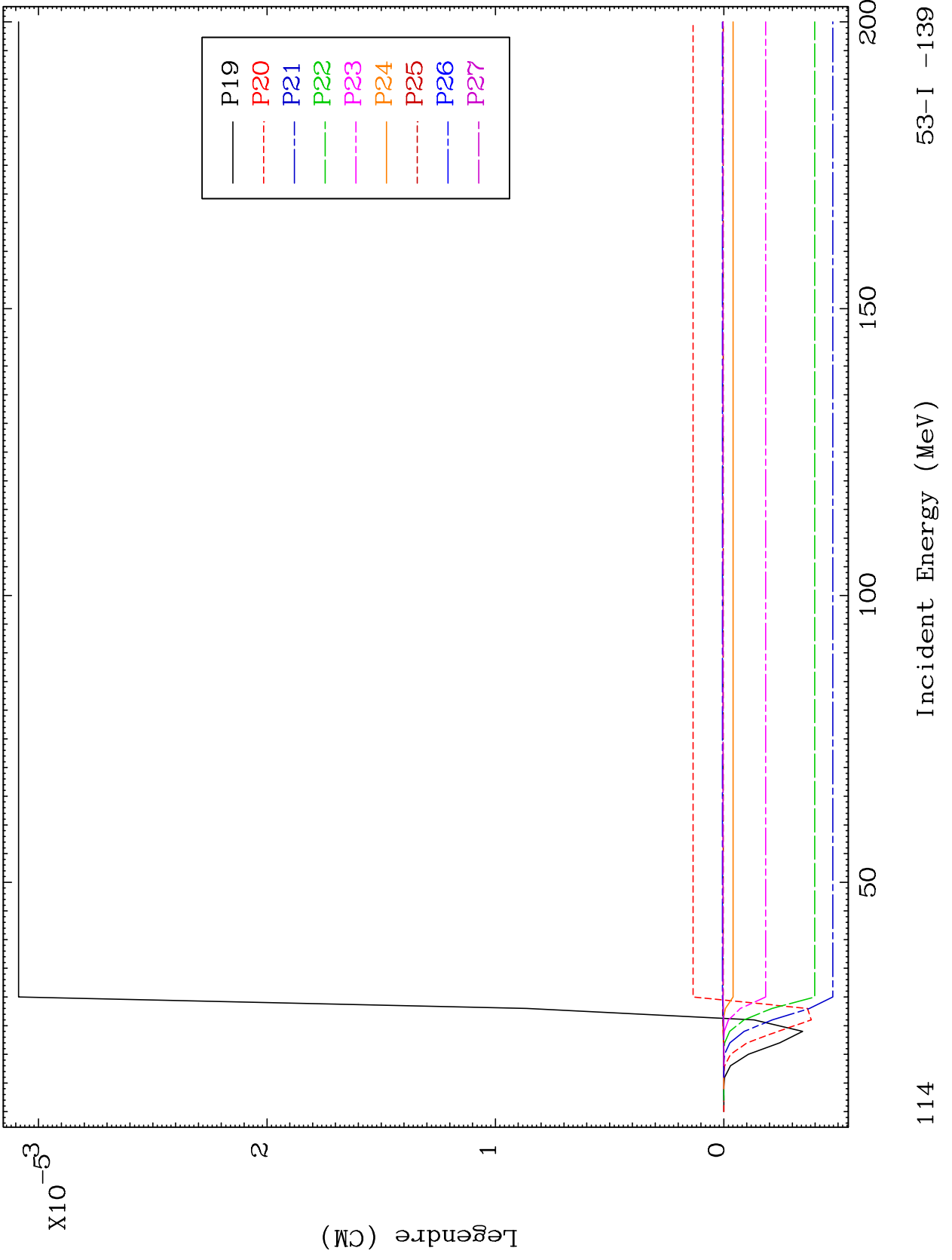








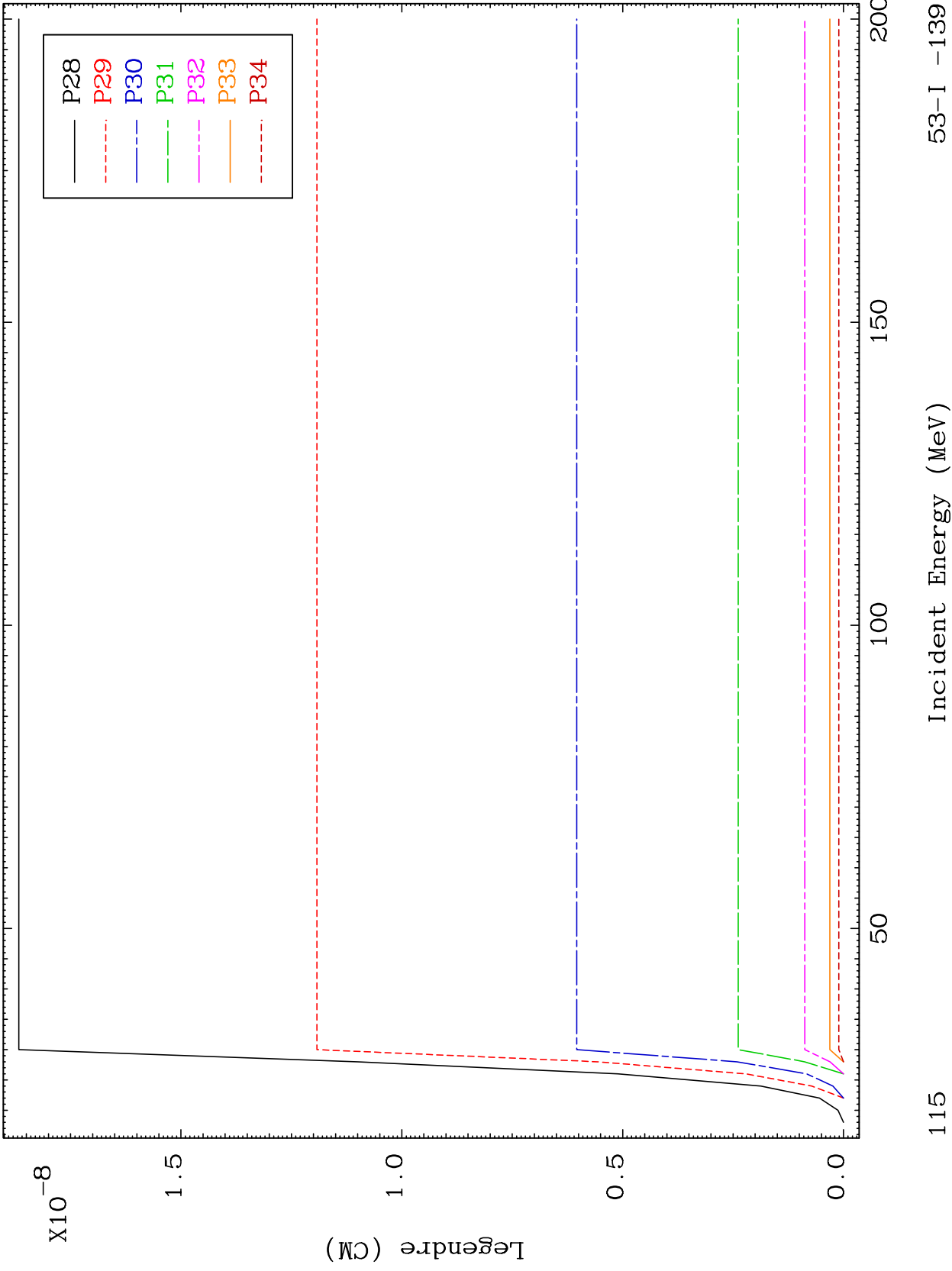




MAT 5361

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

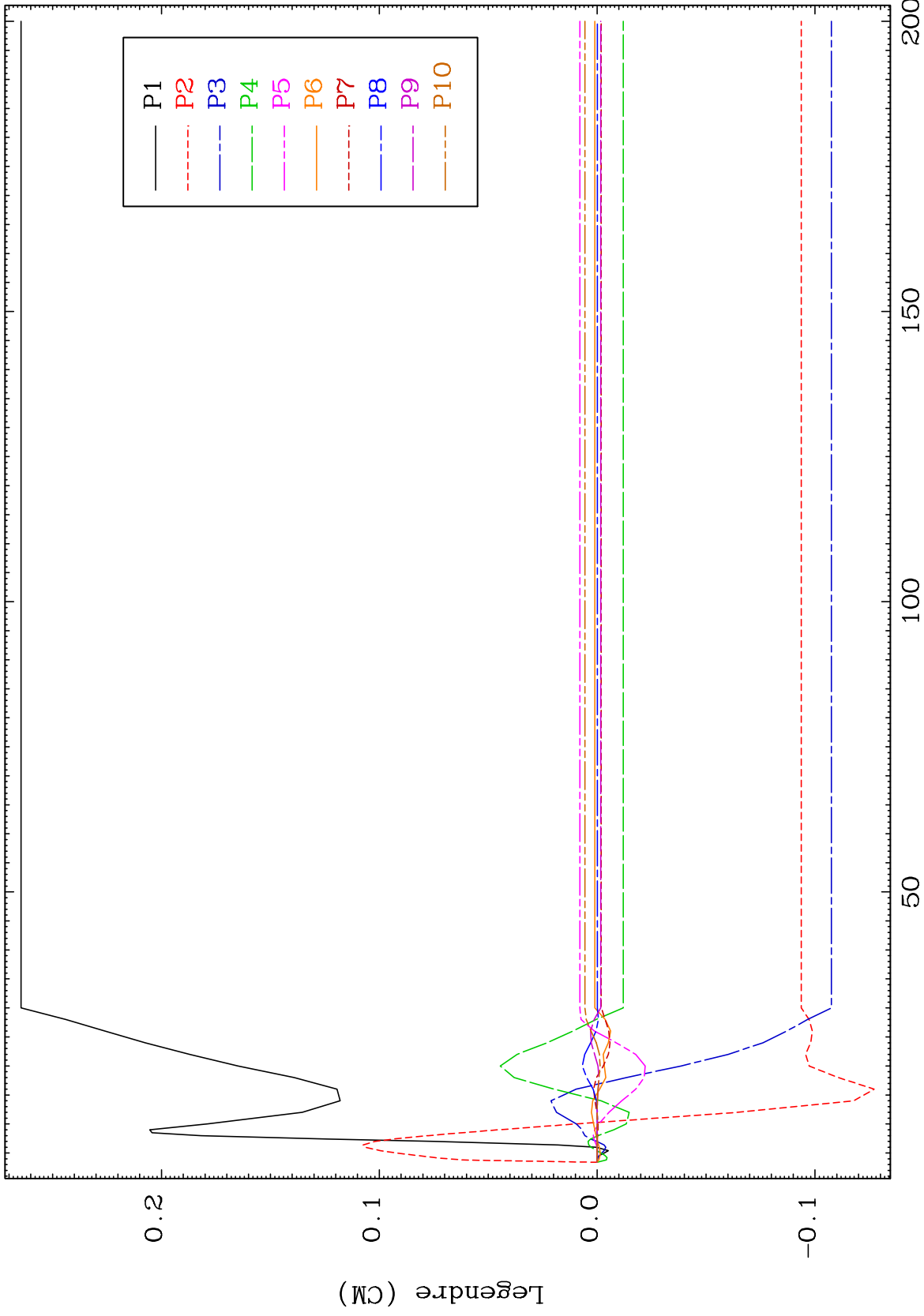
53-I -139

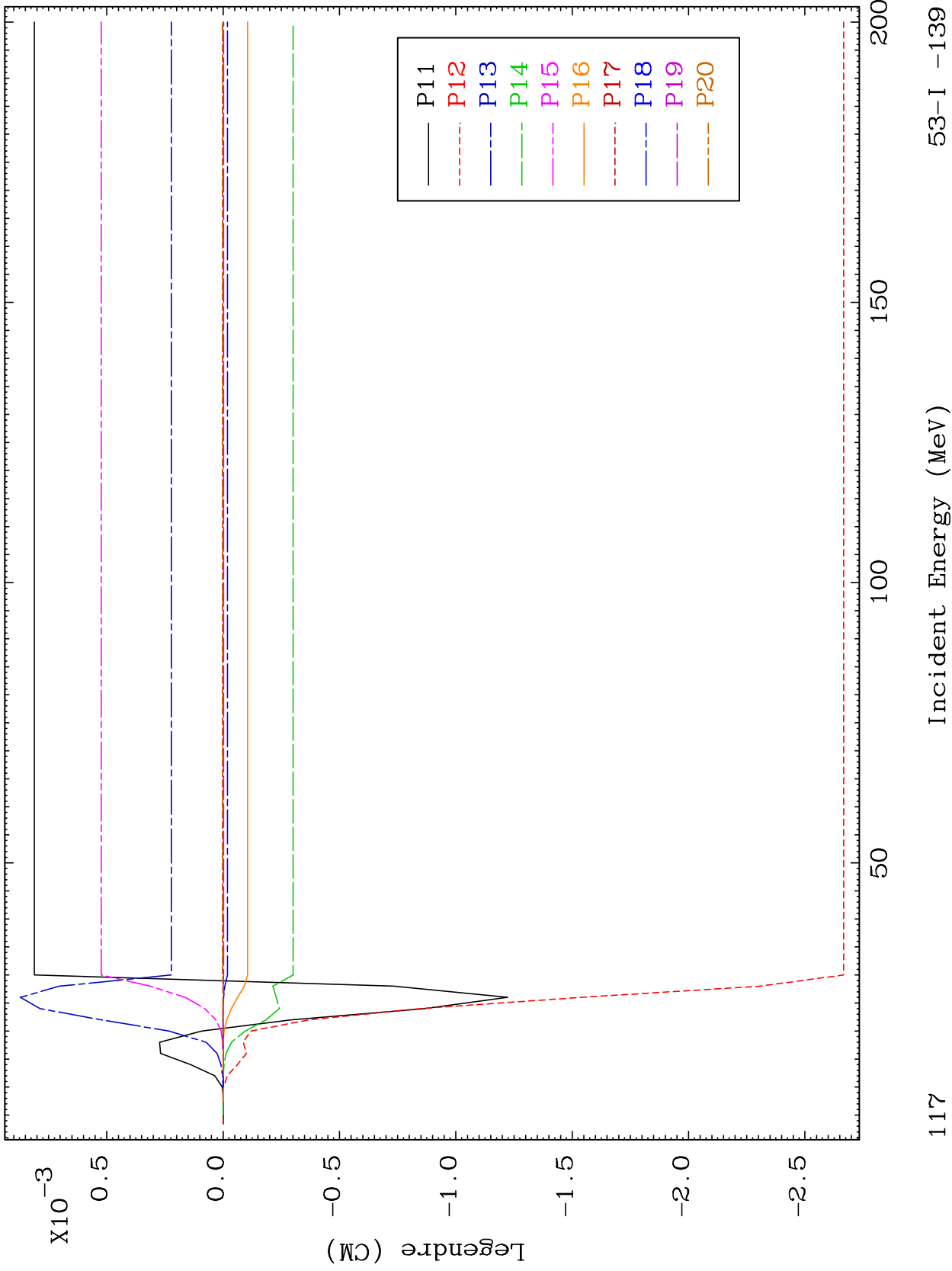


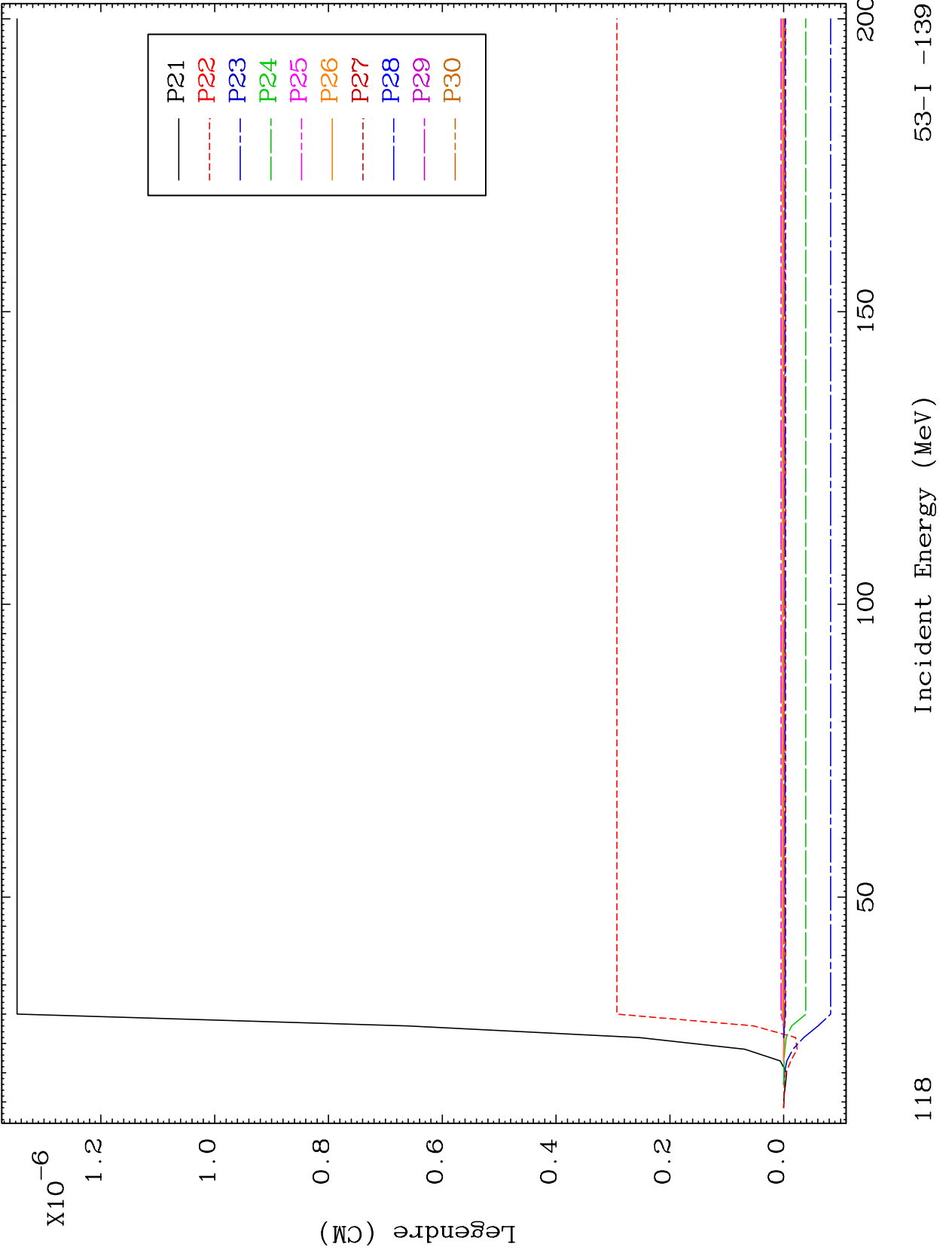
53-I -139

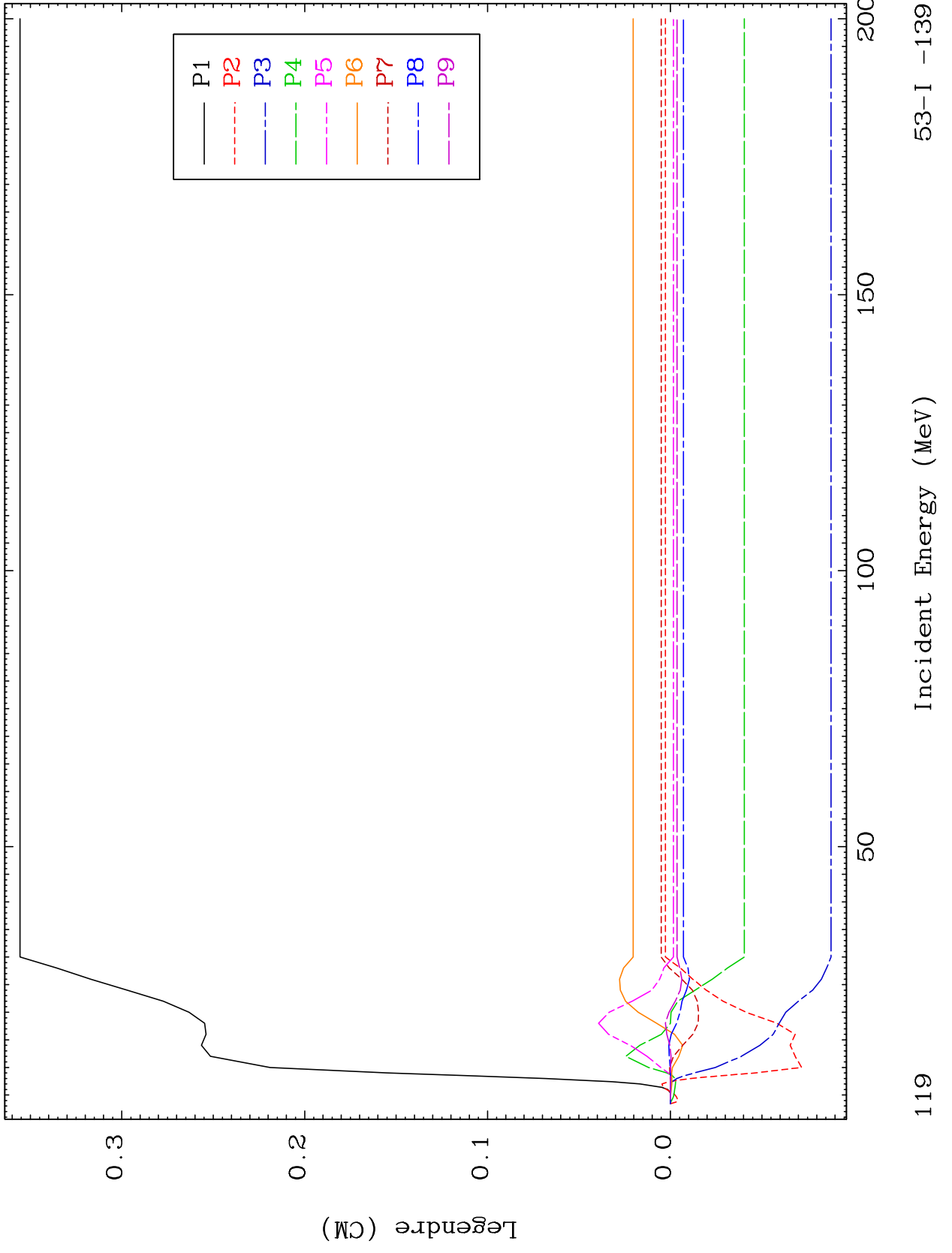
Incident Energy (MeV)

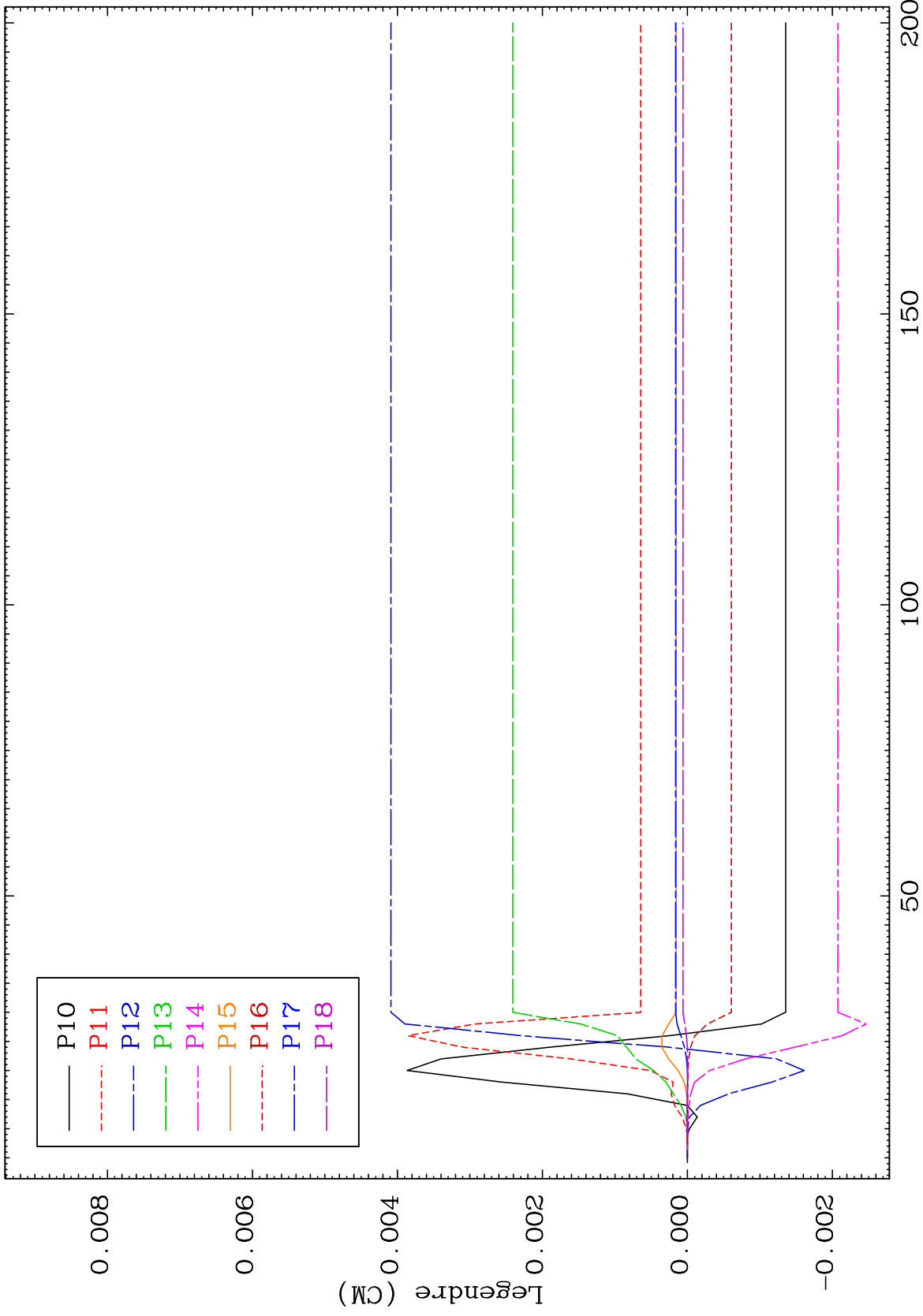
115

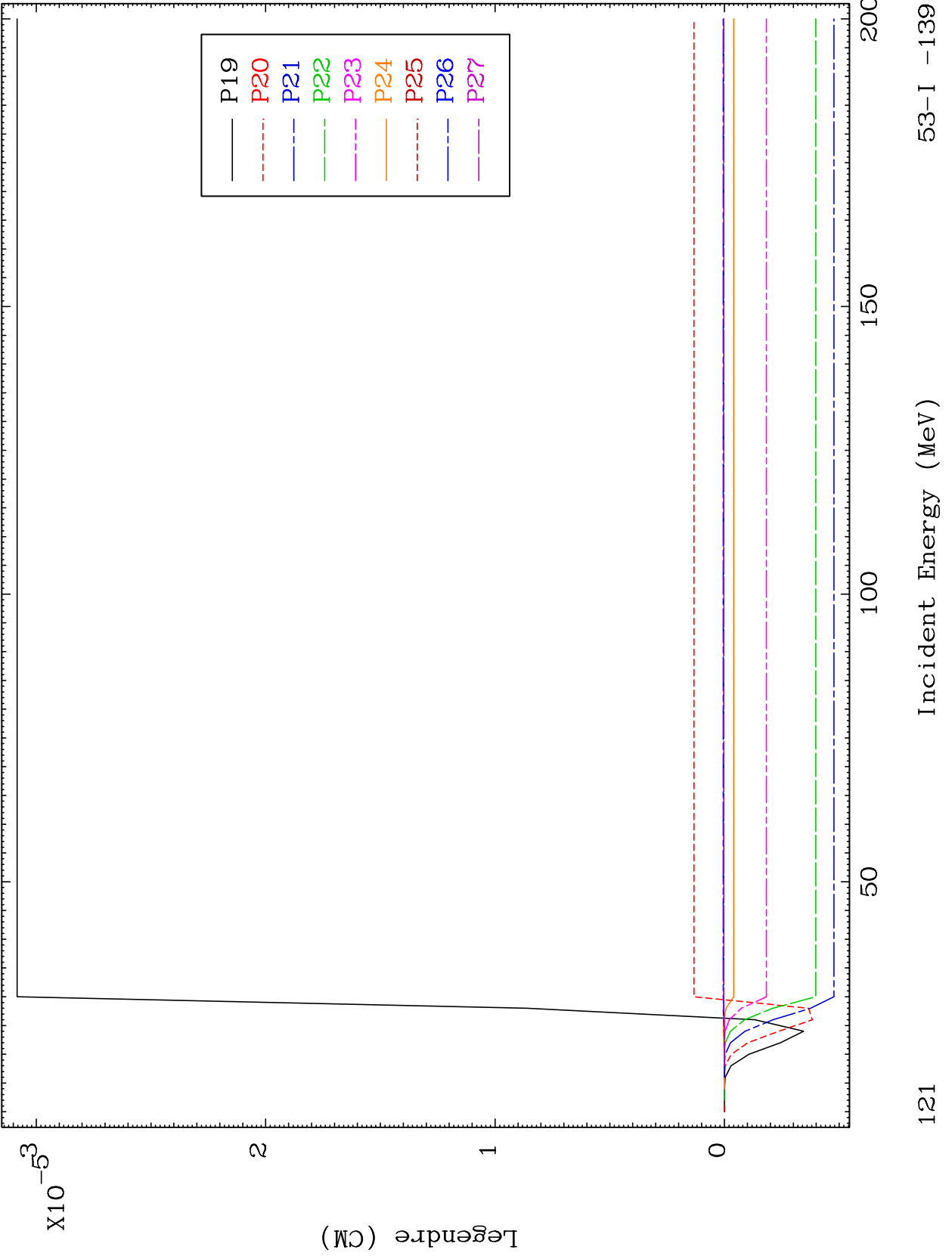


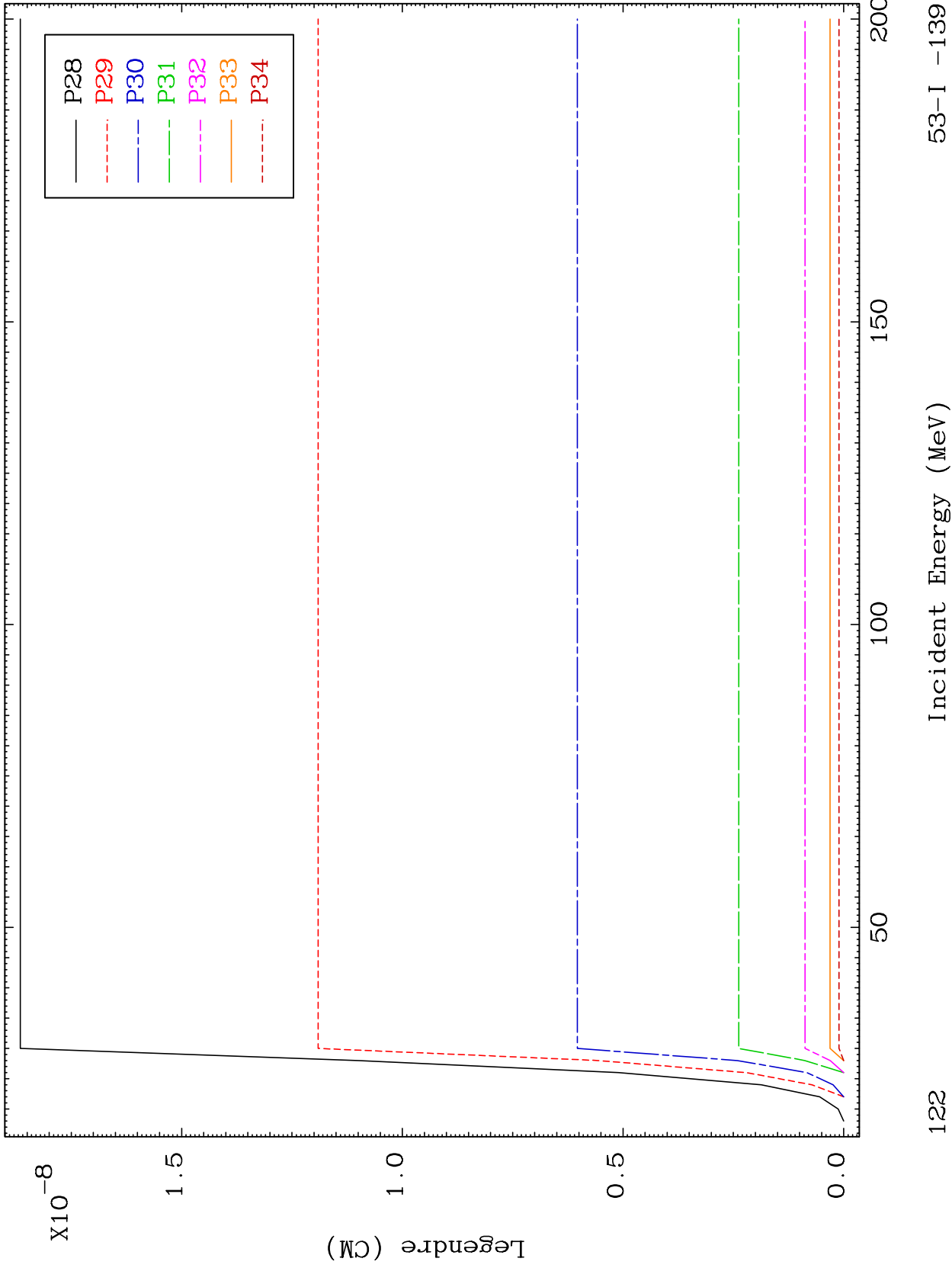










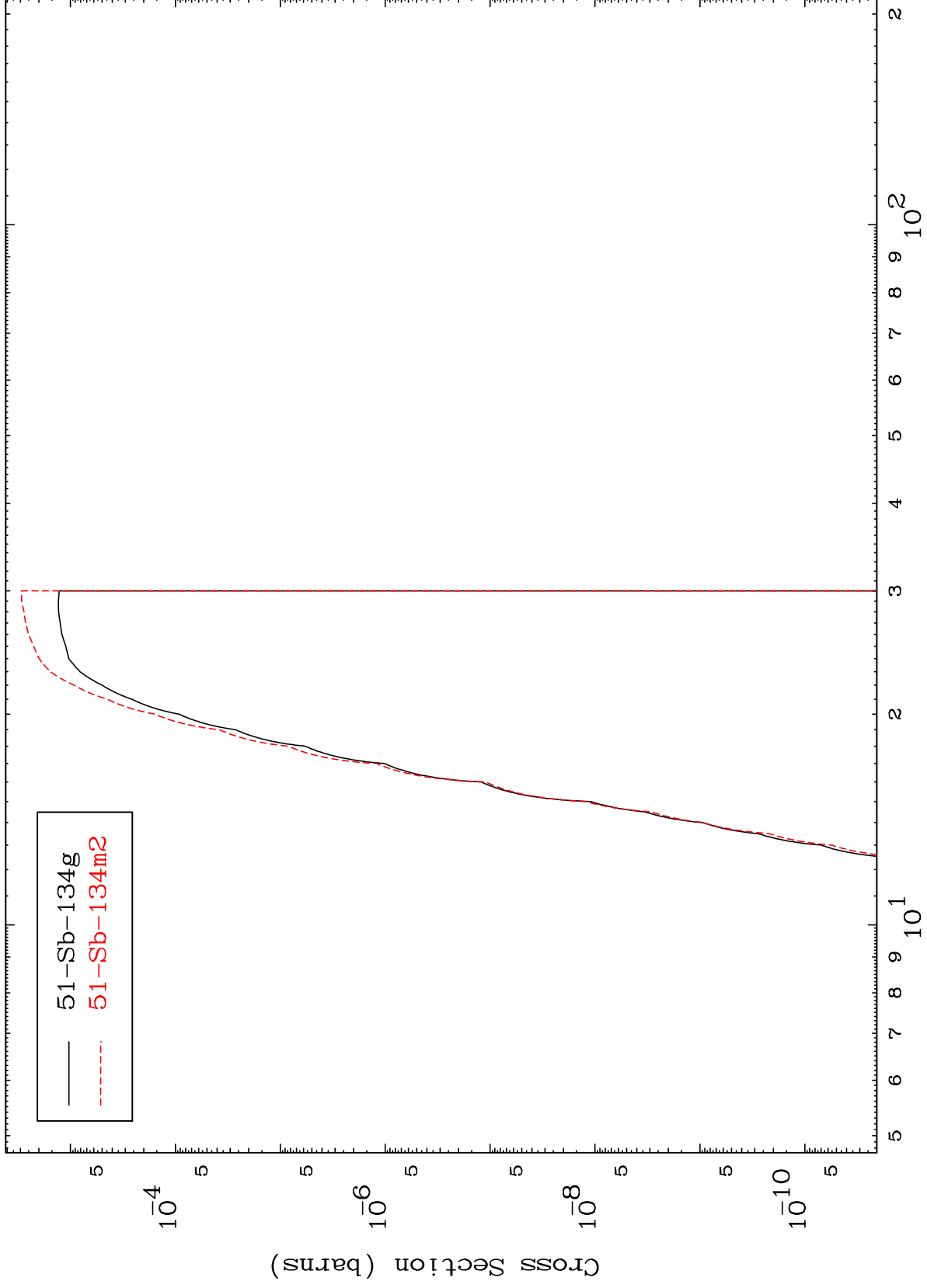


MAT 5361

(n,2n) α

53-I -139

Radionuclide Production Cross Section



123

Incident Energy (MeV)

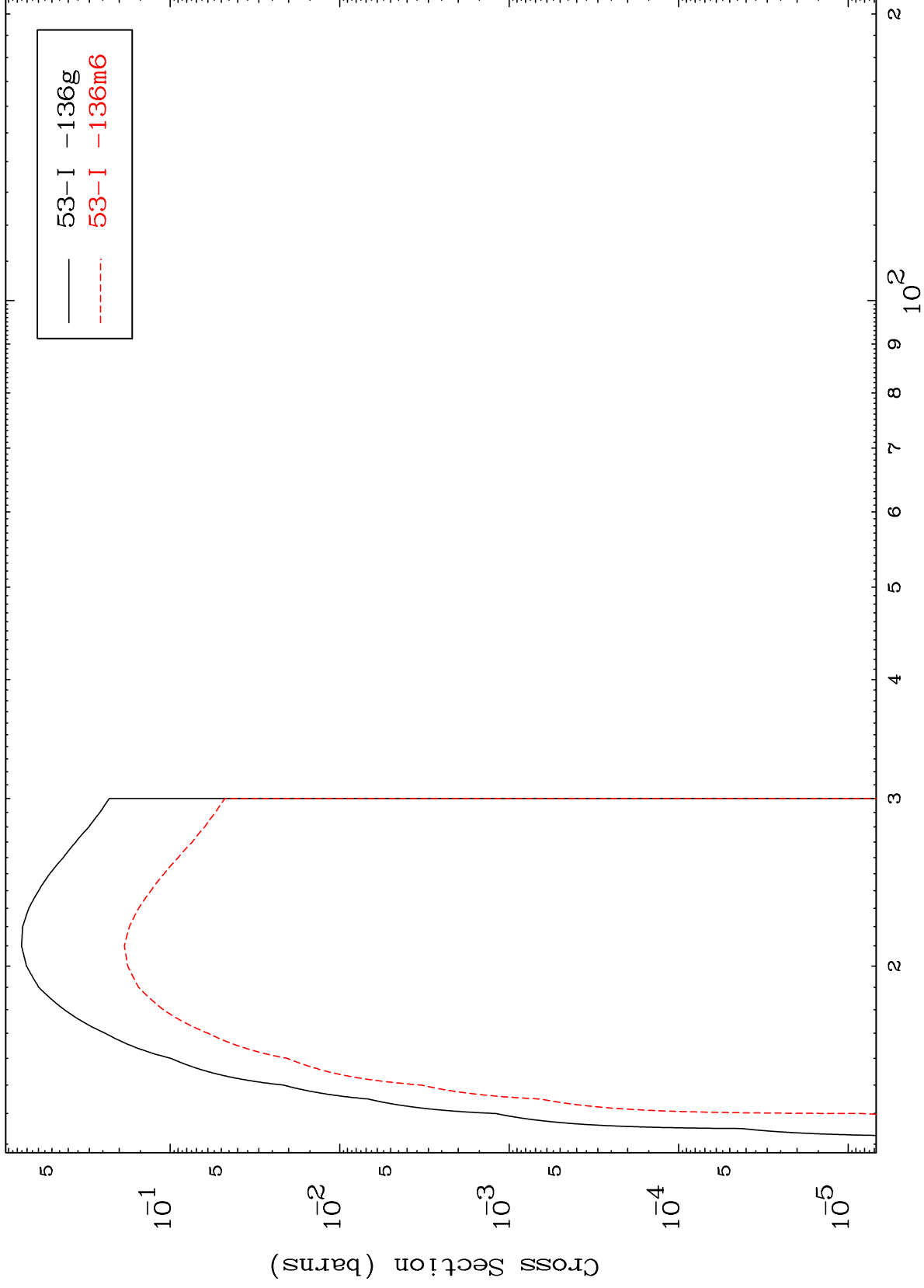
53-I -139

MAT 5361

(n,4n)

53-I -139

Radionuclide Production Cross Section



124

Incident Energy (MeV)

53-I -139