

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

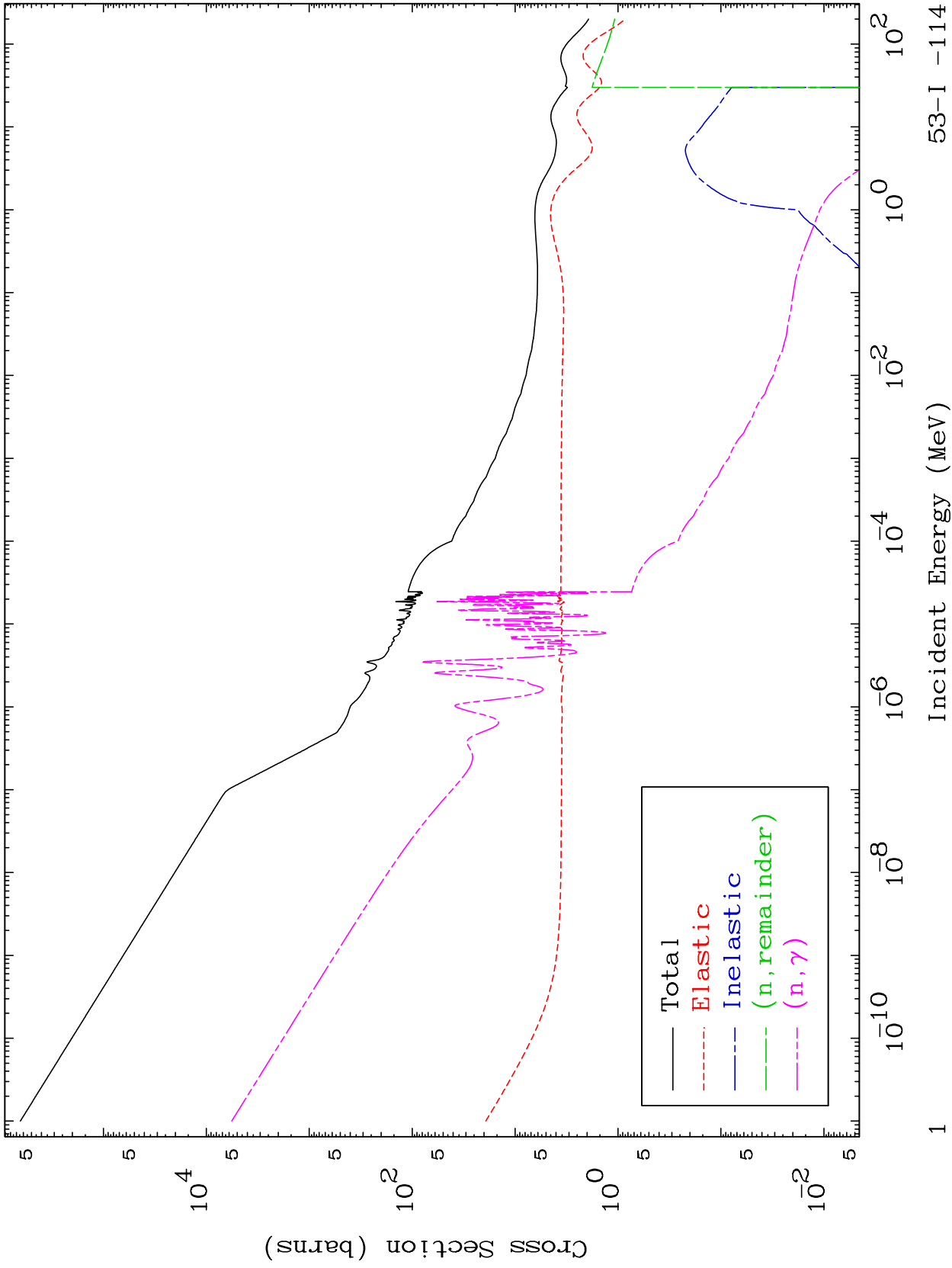
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5286

Major
293 Kelvin Cross Sections

53-I -114



1

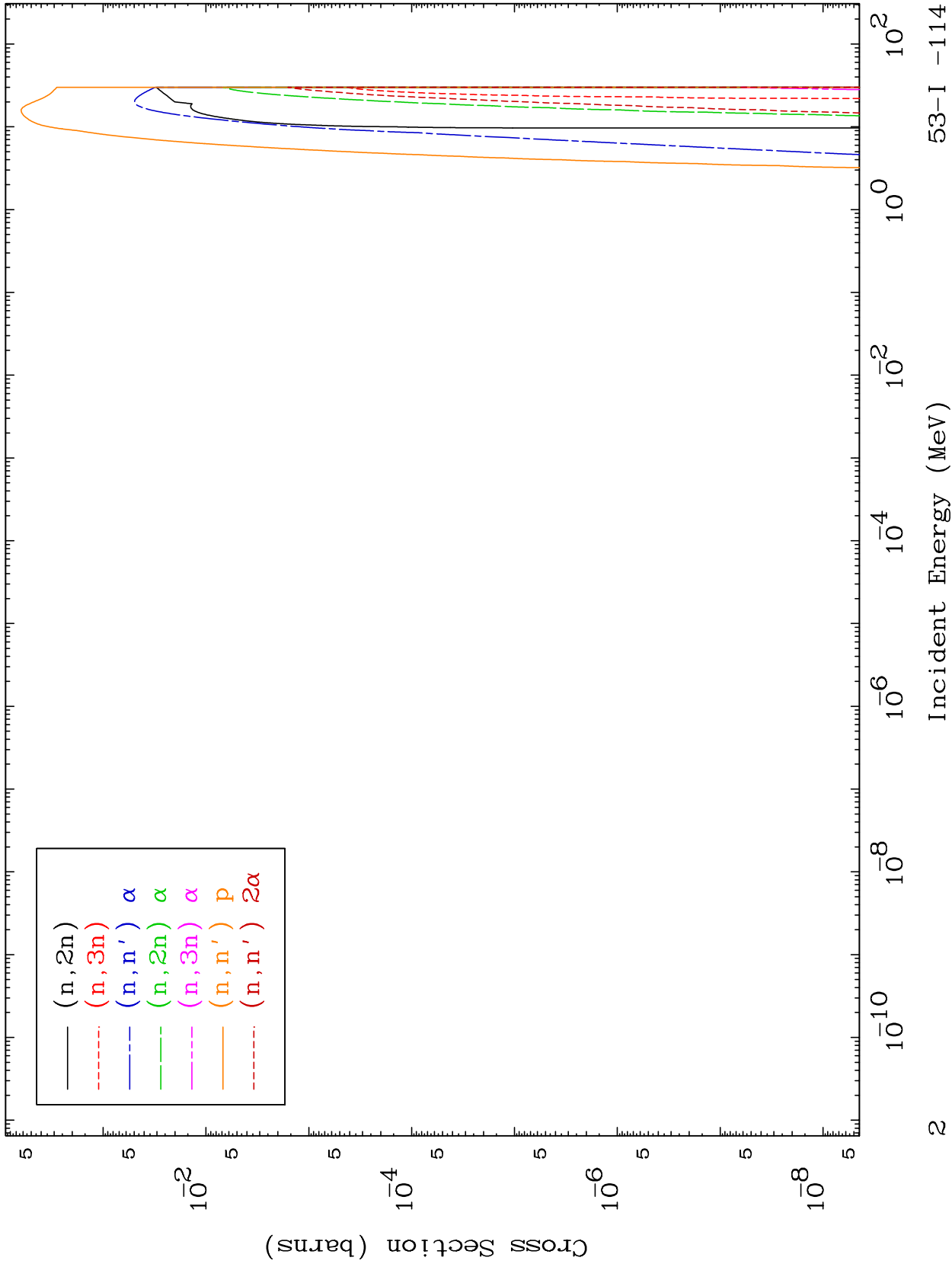
Incident Energy (MeV)

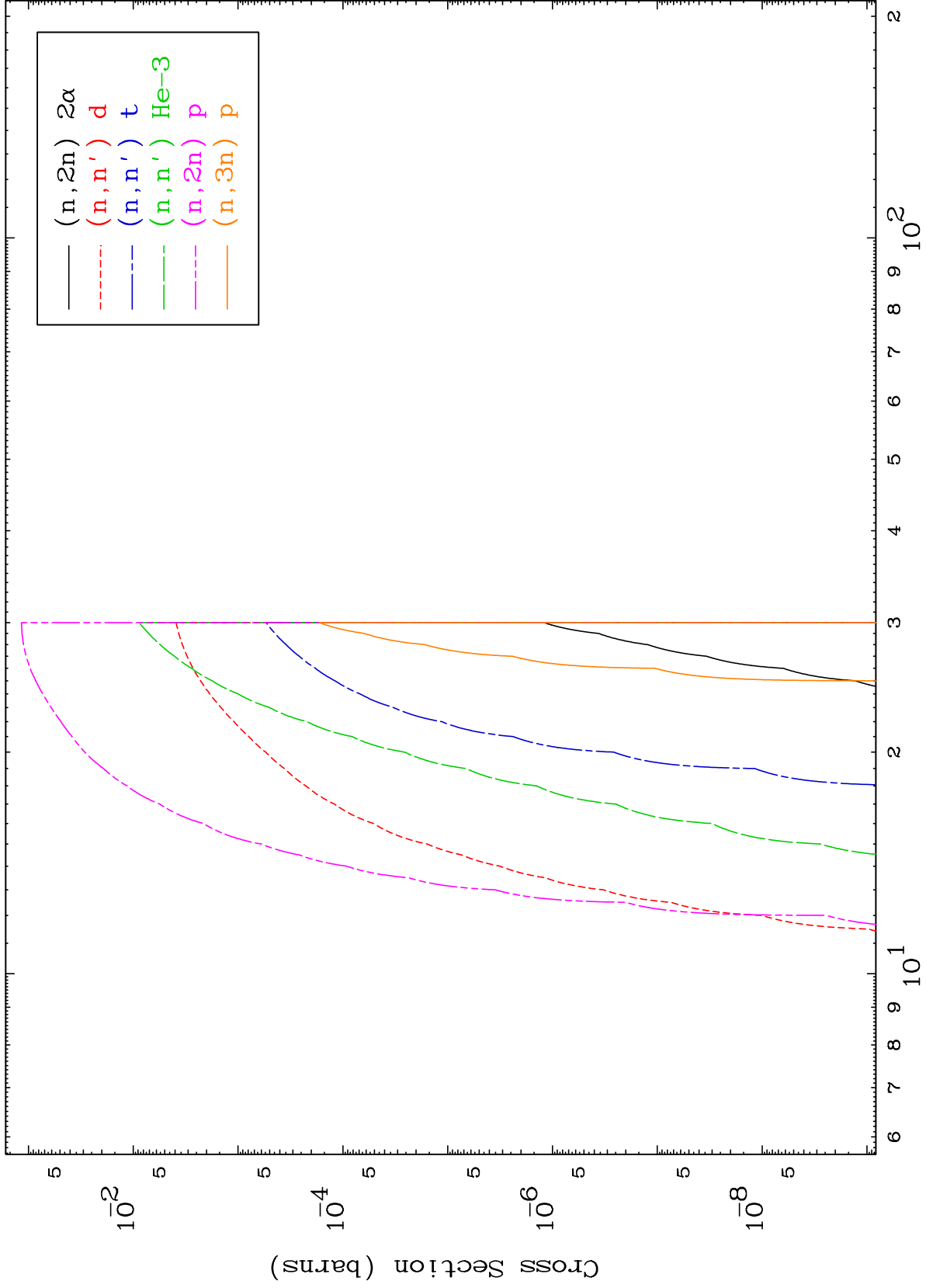
53-I -114

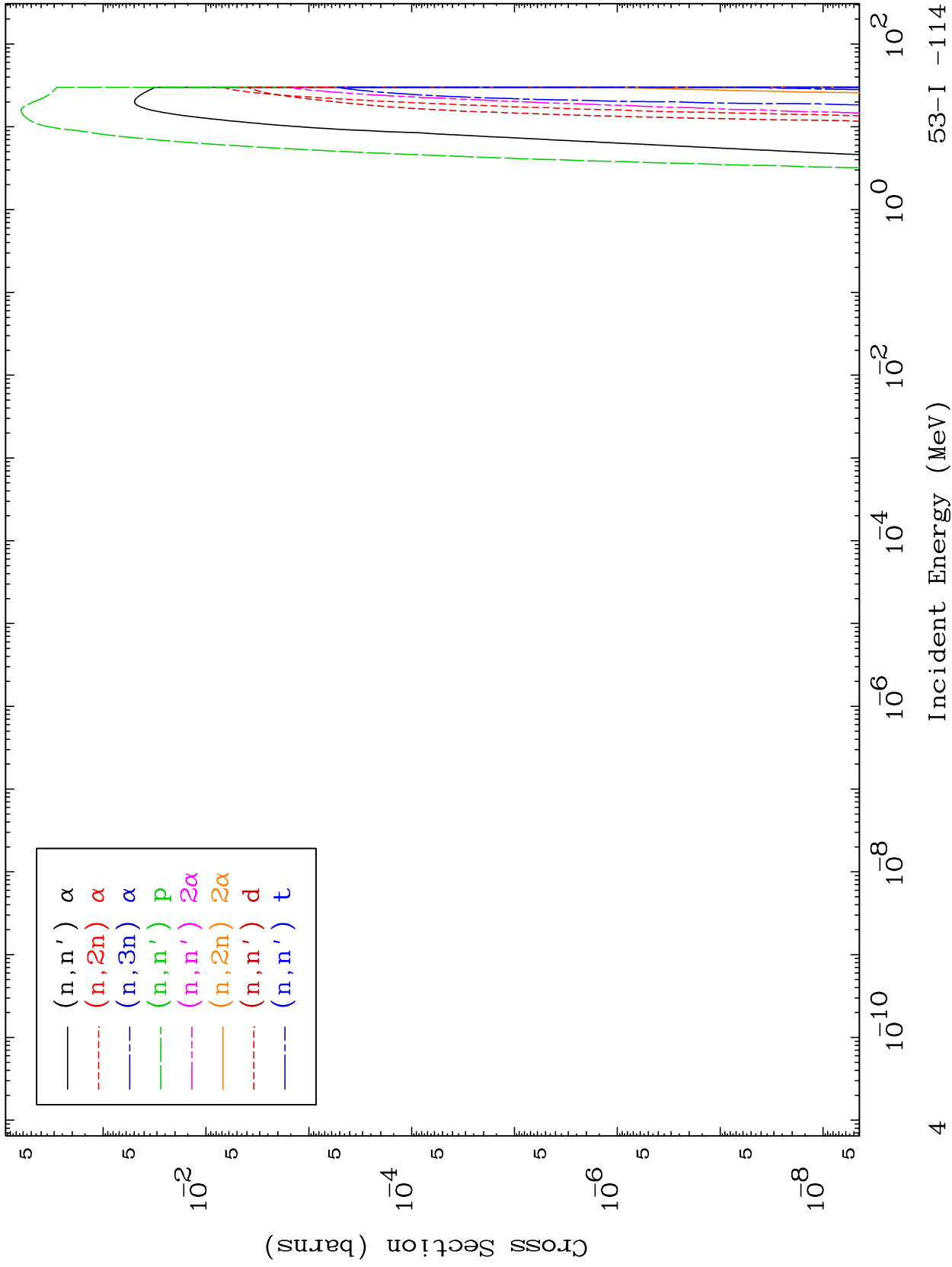
MAT 5286

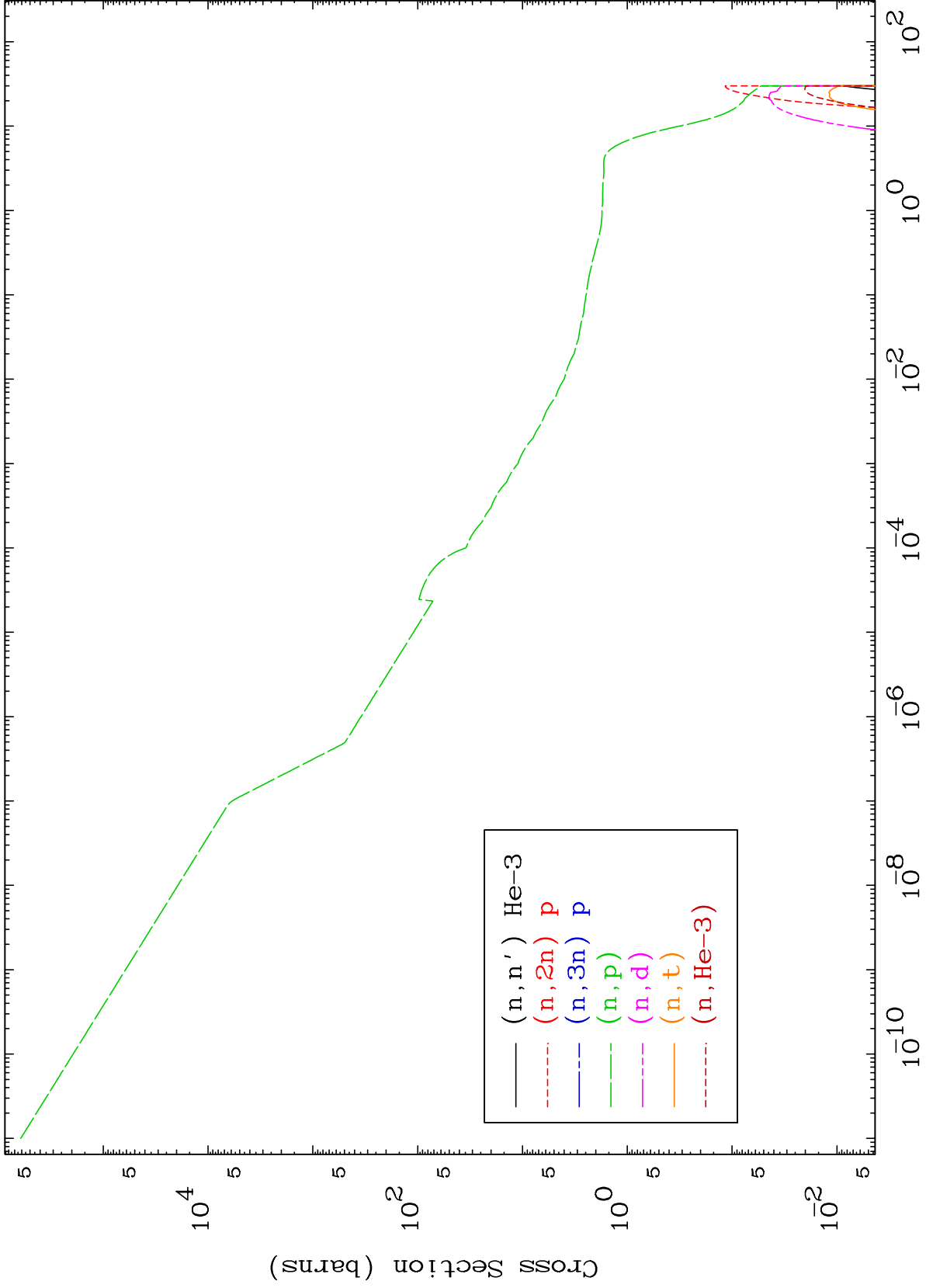
Neutron Production
293 Kelvin Cross Sections

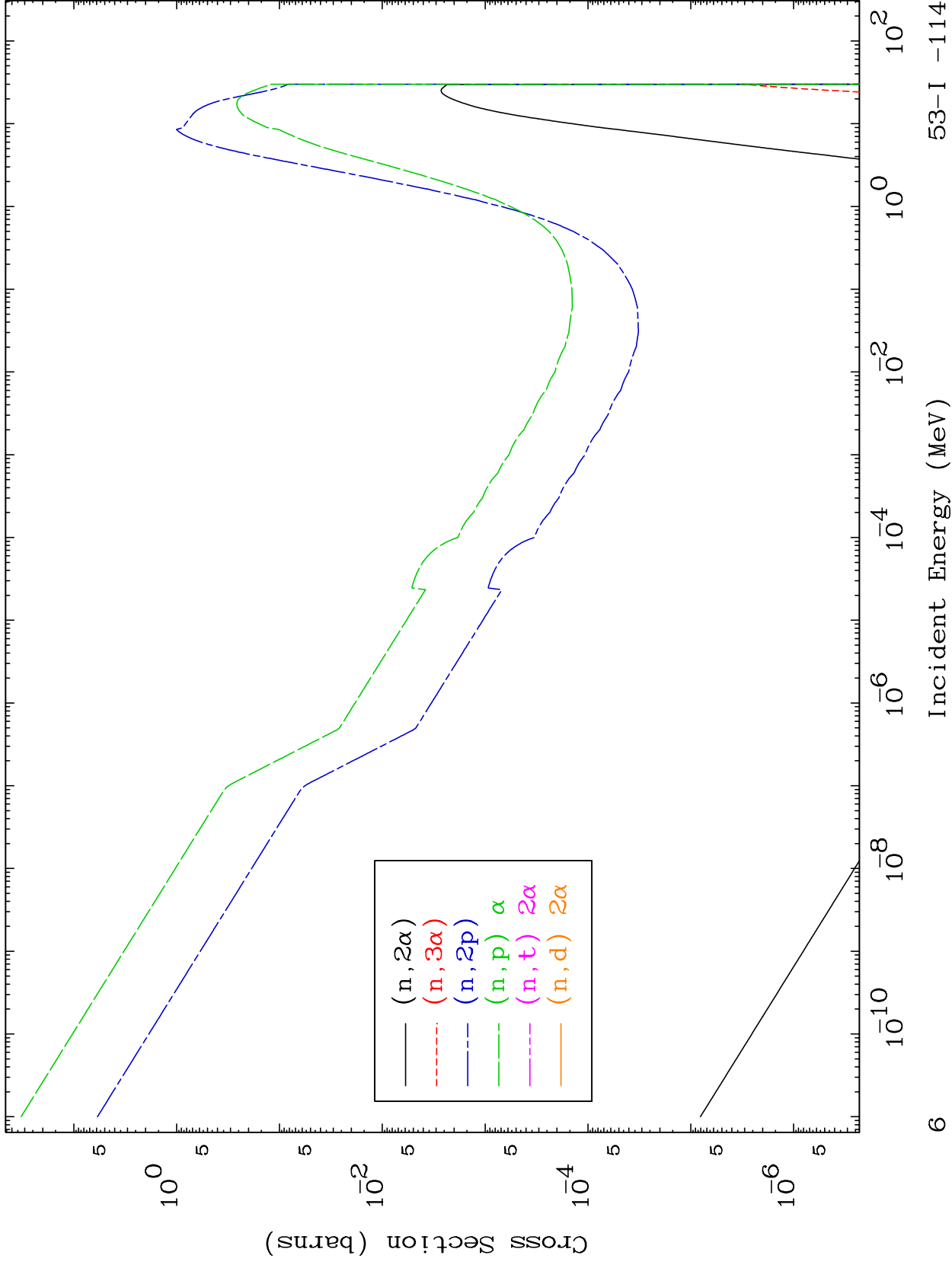
53-I -114

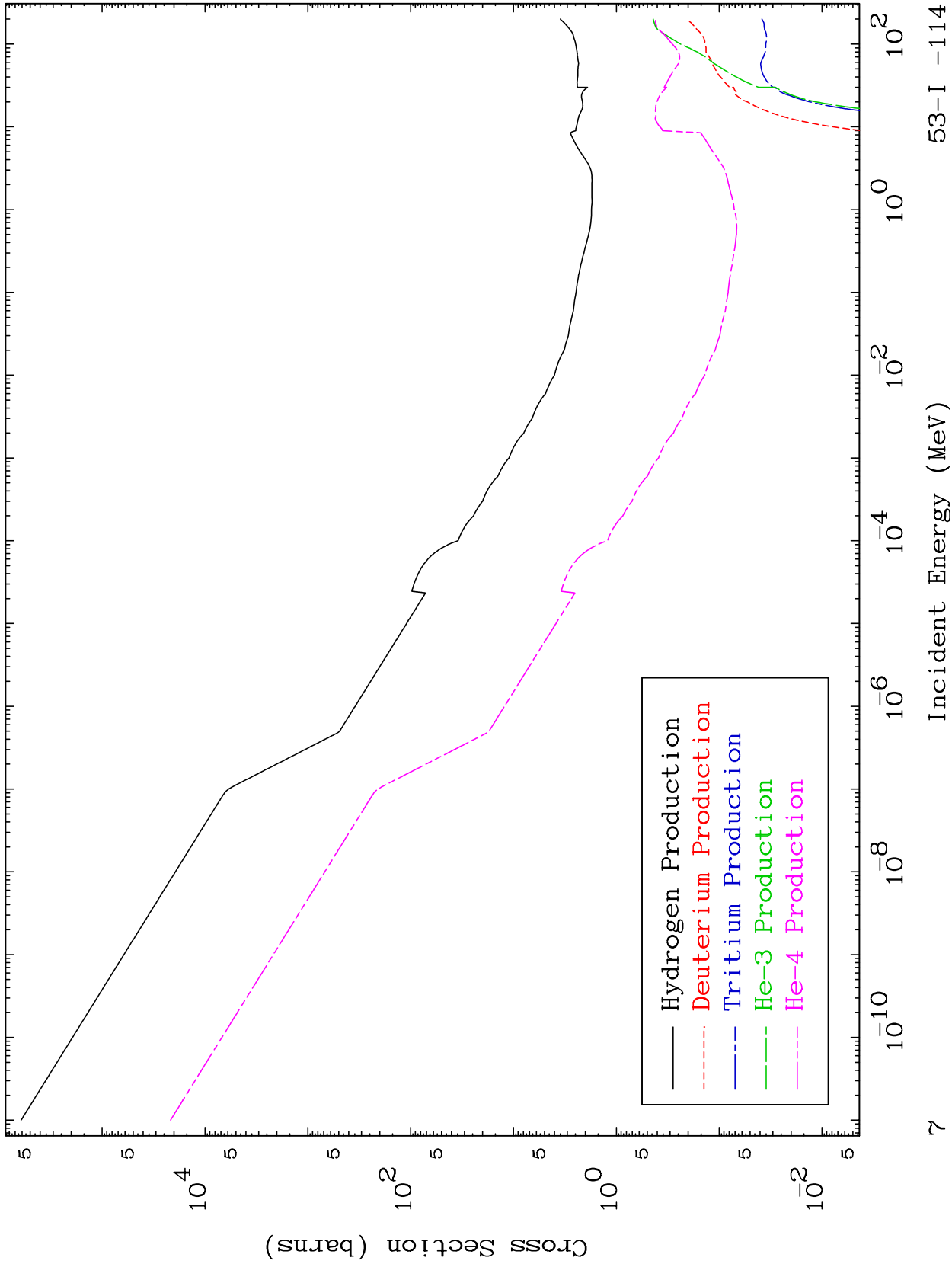










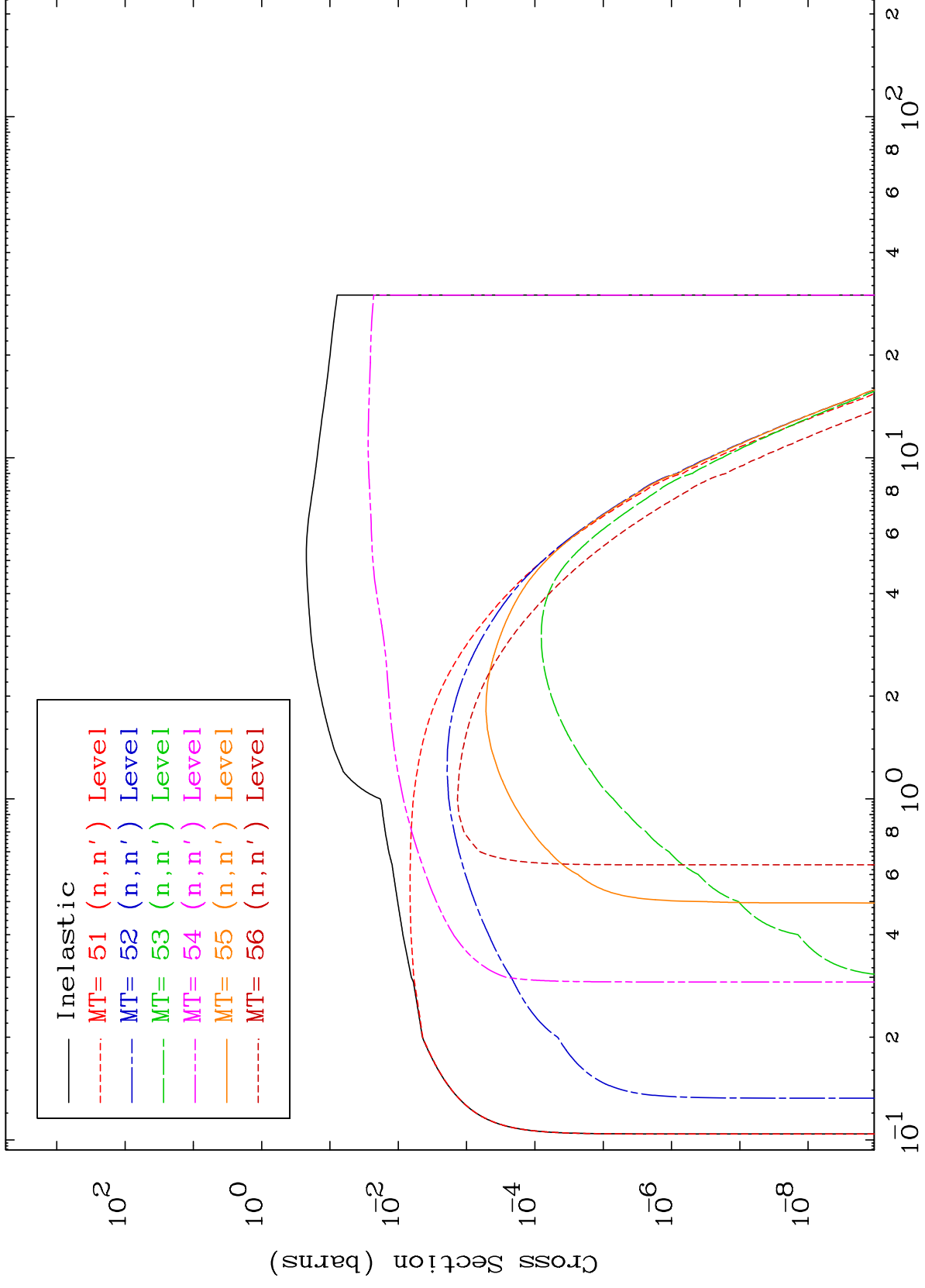


MAT 5286

(n,n') Level

53-I -114

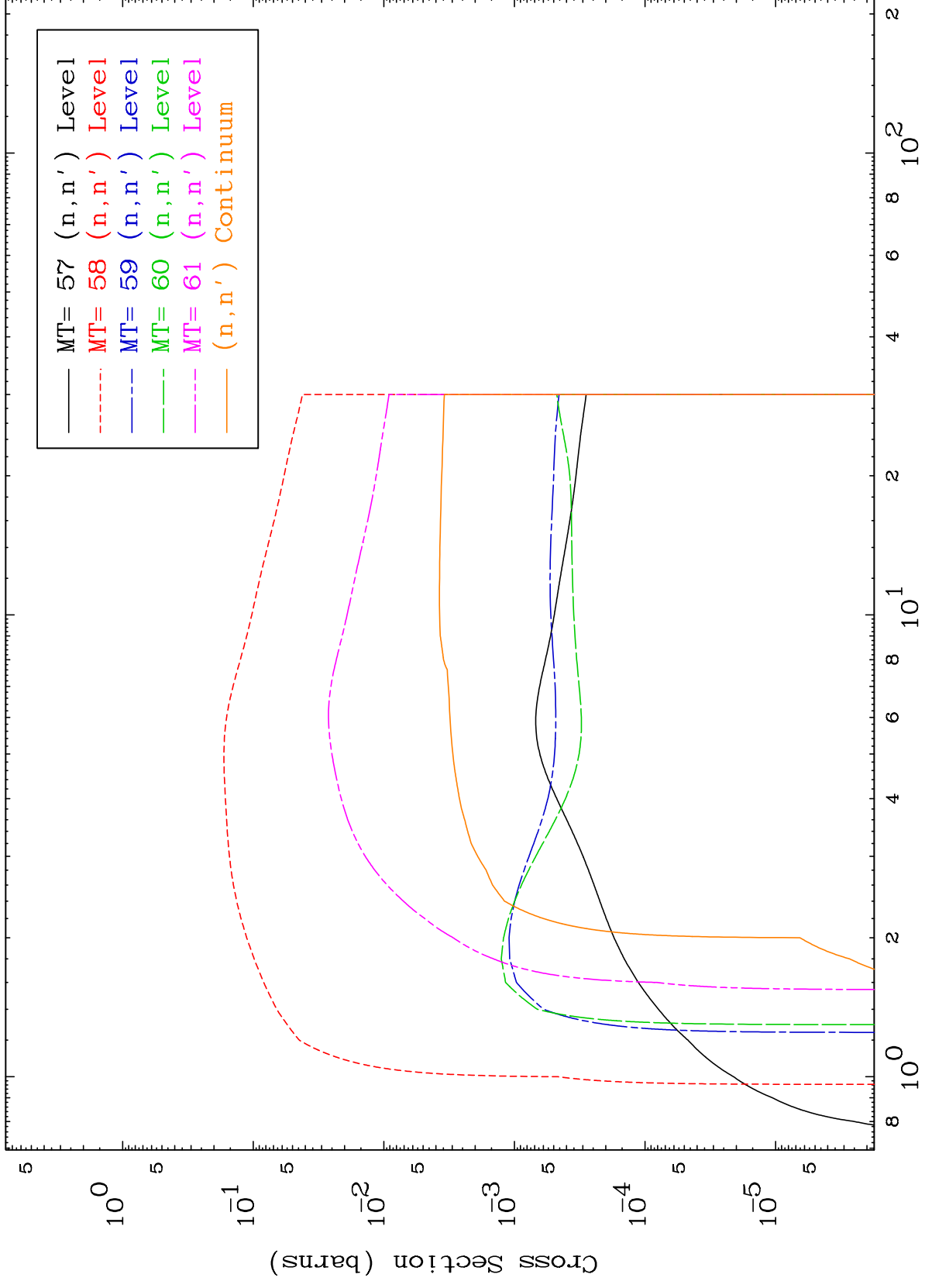
293 Kelvin Cross Sections



Incident Energy (MeV)

53-I -114

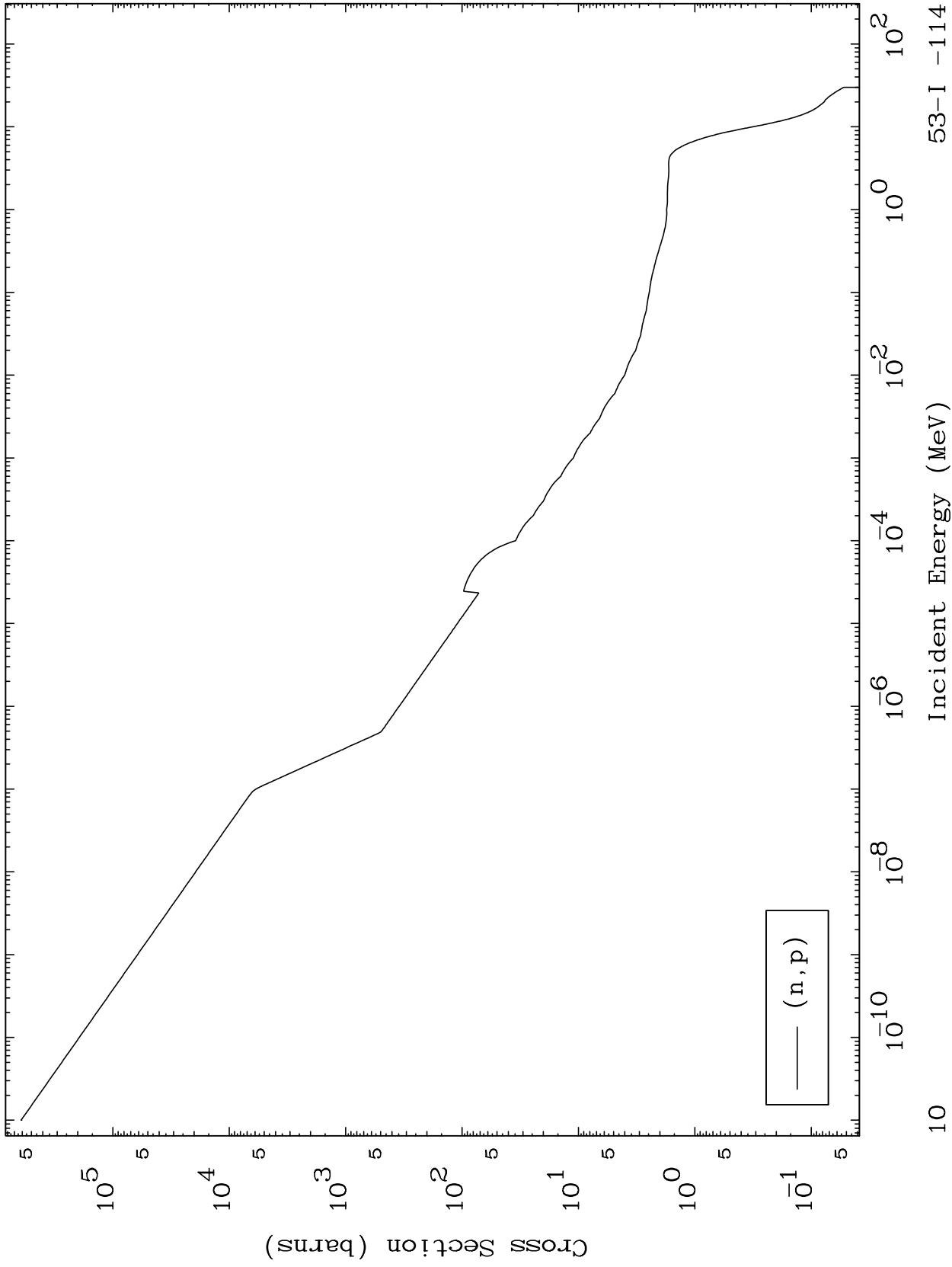
293 Kelvin Cross Sections



MAT 5286

(n,p) Levels
293 Kelvin Cross Sections

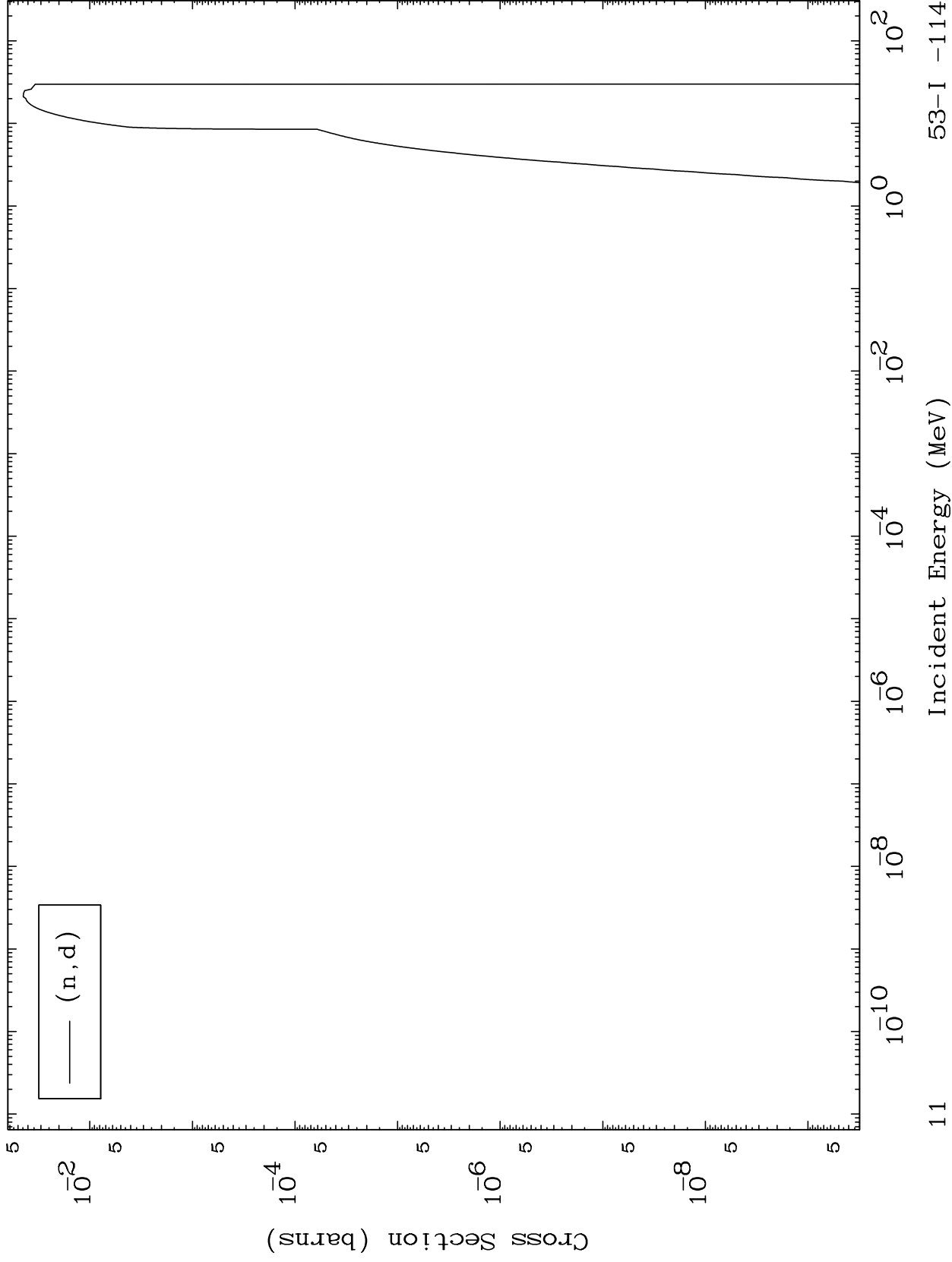
53-I -114



MAT 5286

(n,d) Levels
293 Kelvin Cross Sections

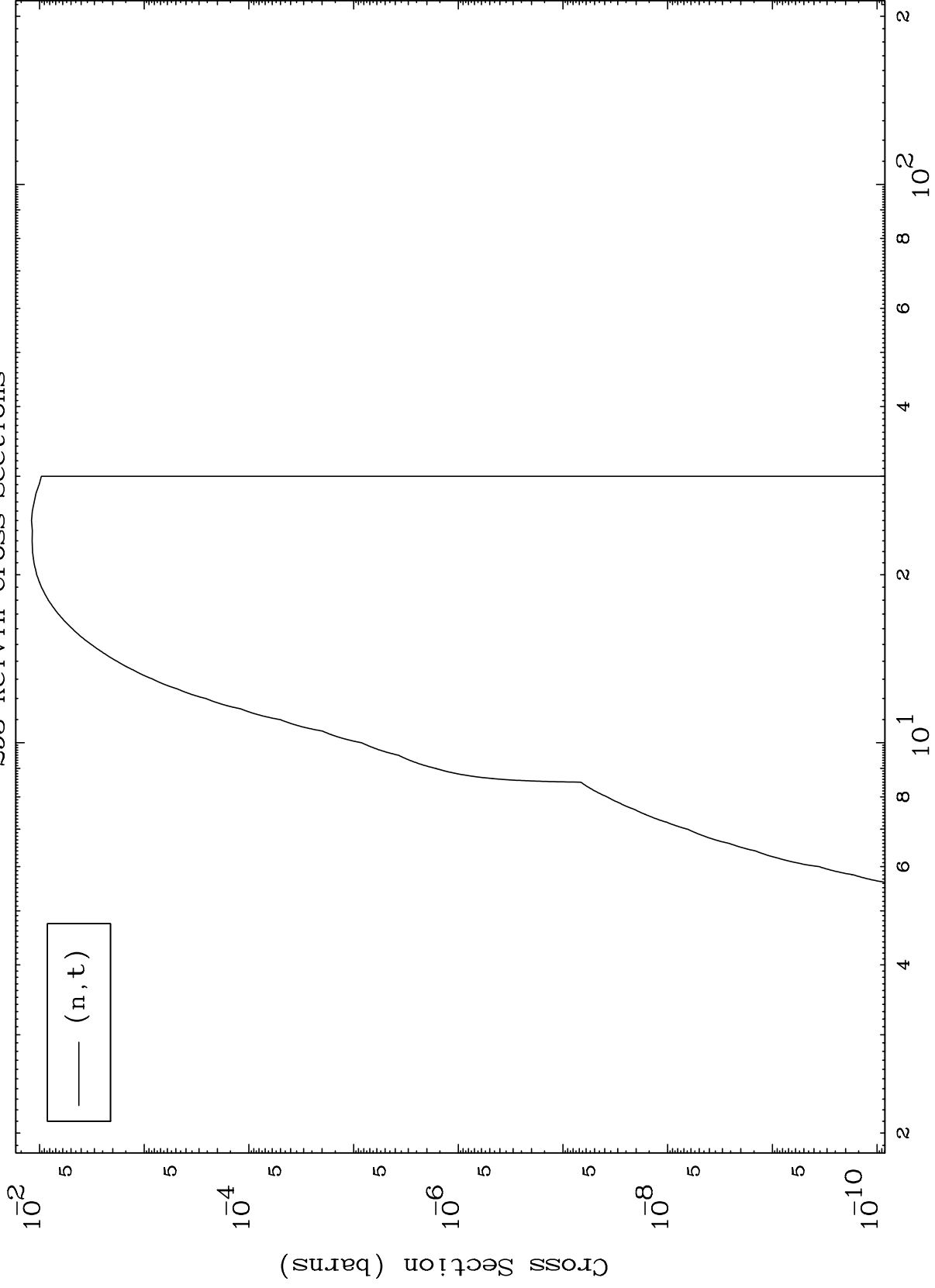
53-I -114



MAT 5286

(n,t) Levels
293 Kelvin Cross Sections

53-I -114



(n,t)

12

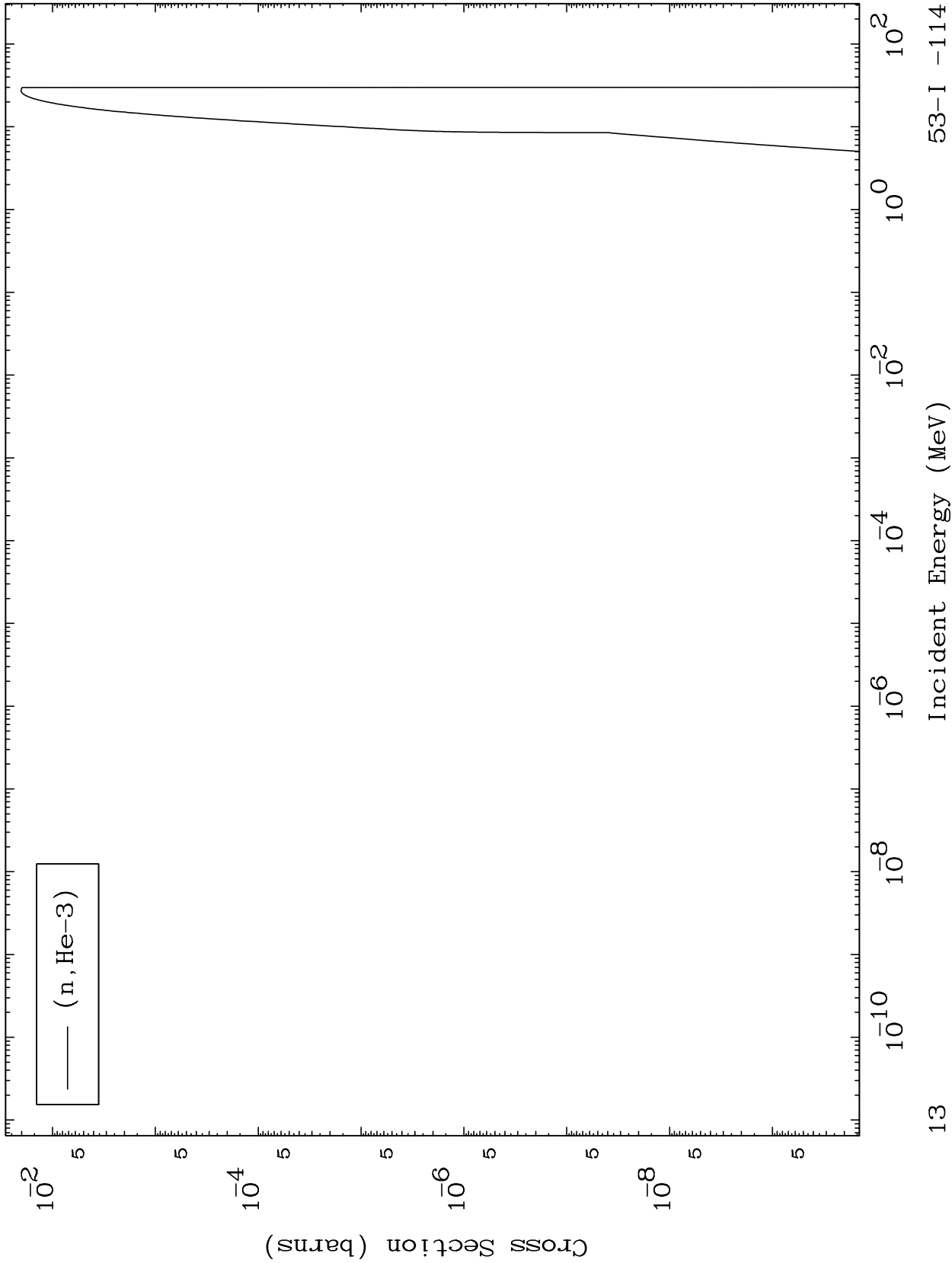
Incident Energy (MeV)

53-I -114

MAT 5286

(n,He3) Levels
293 Kelvin Cross Sections

53-I -114



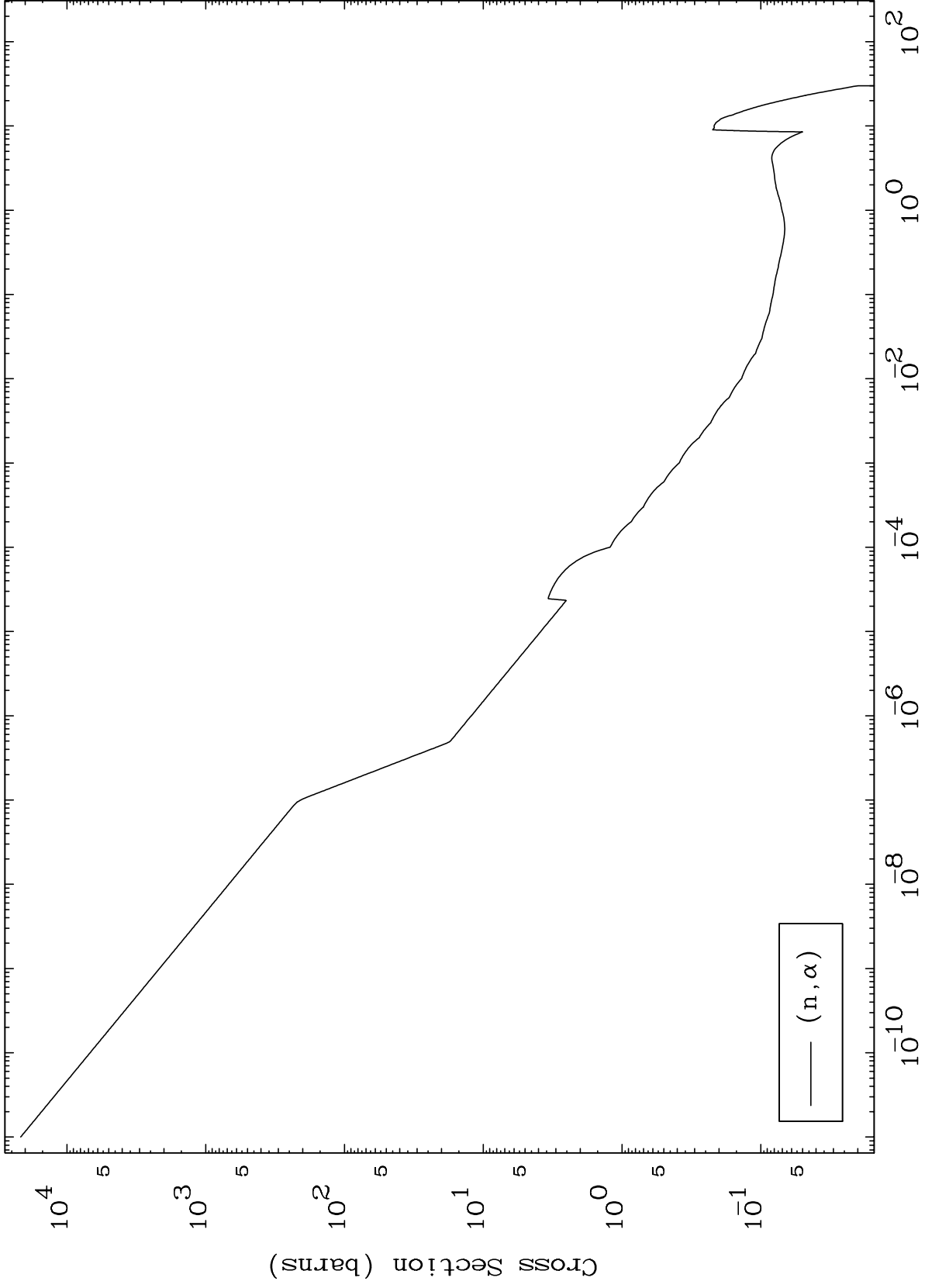
13

53-I -114

MAT 5286

(n,α) Levels
293 Kelvin Cross Sections

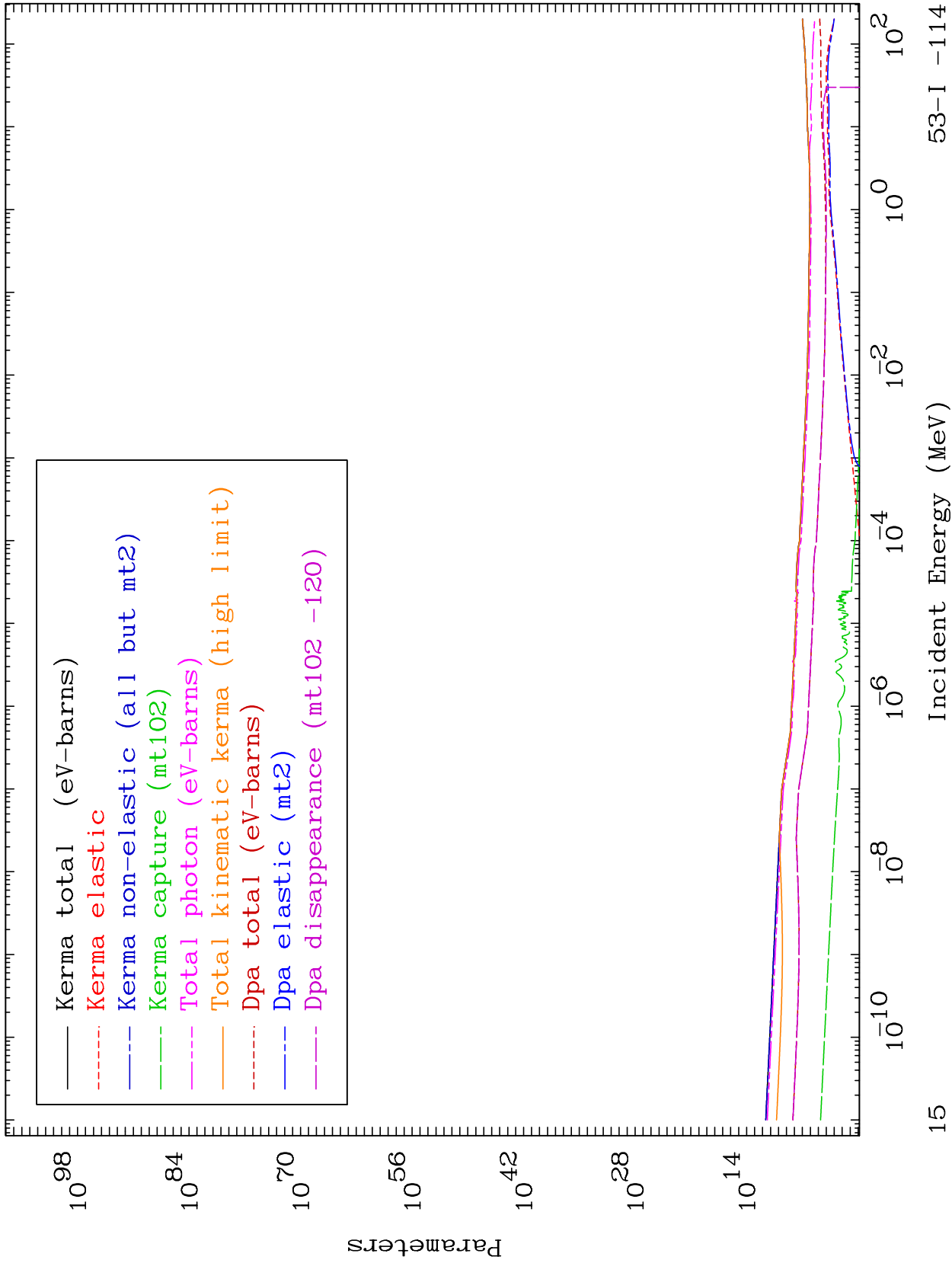
53-I -114

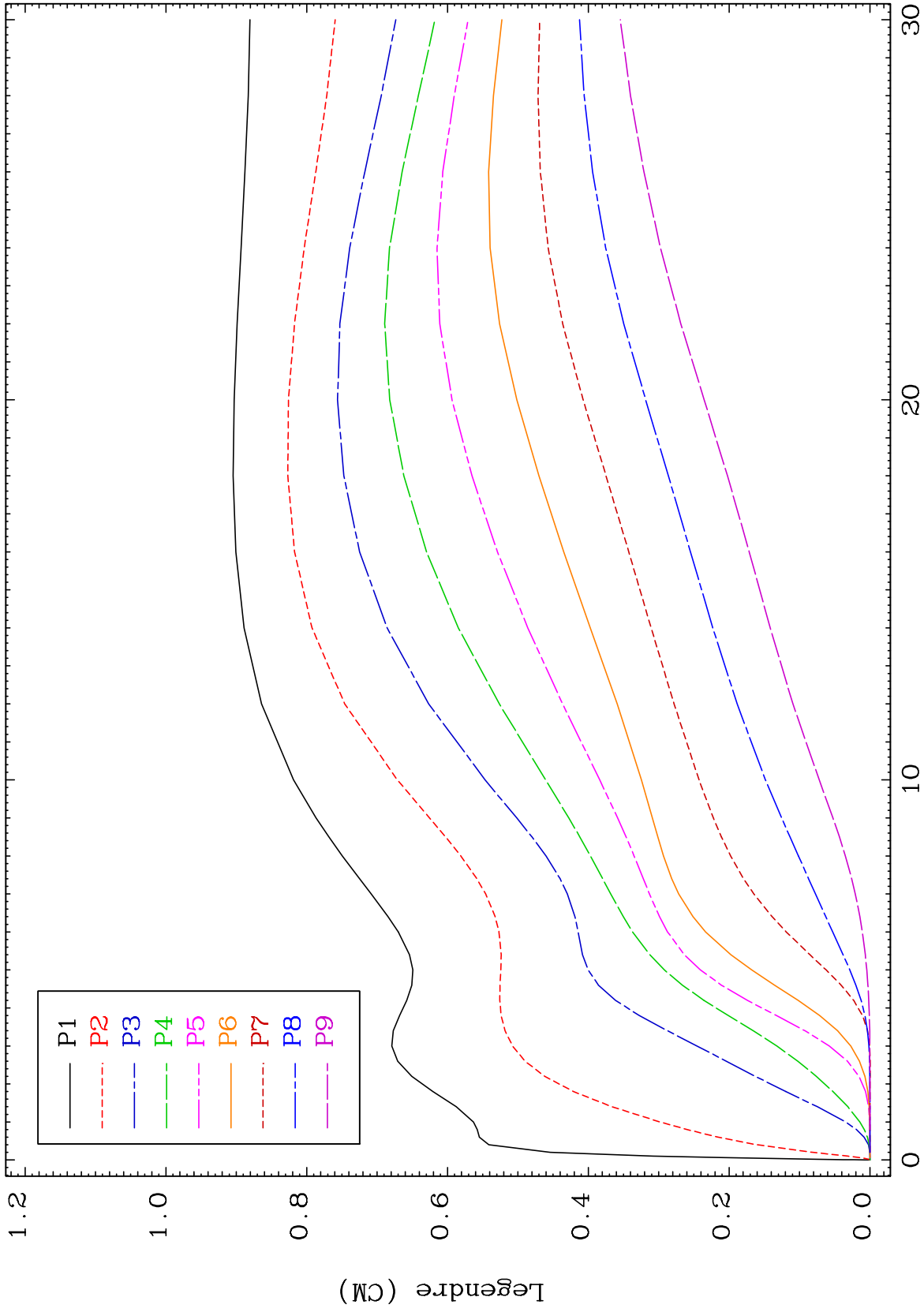


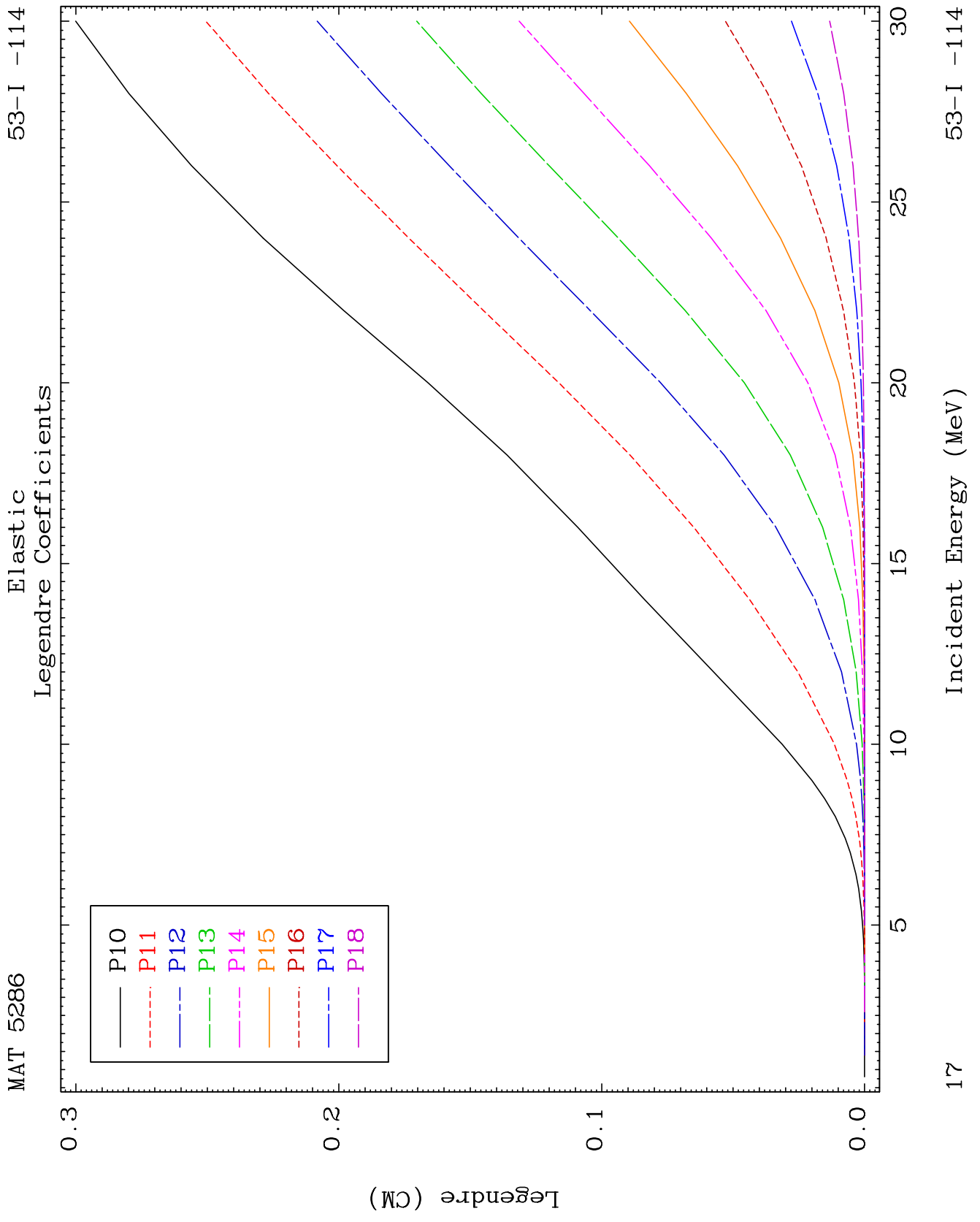
14

Incident Energy (MeV)

53-I -114







53-I -114

53-I -114

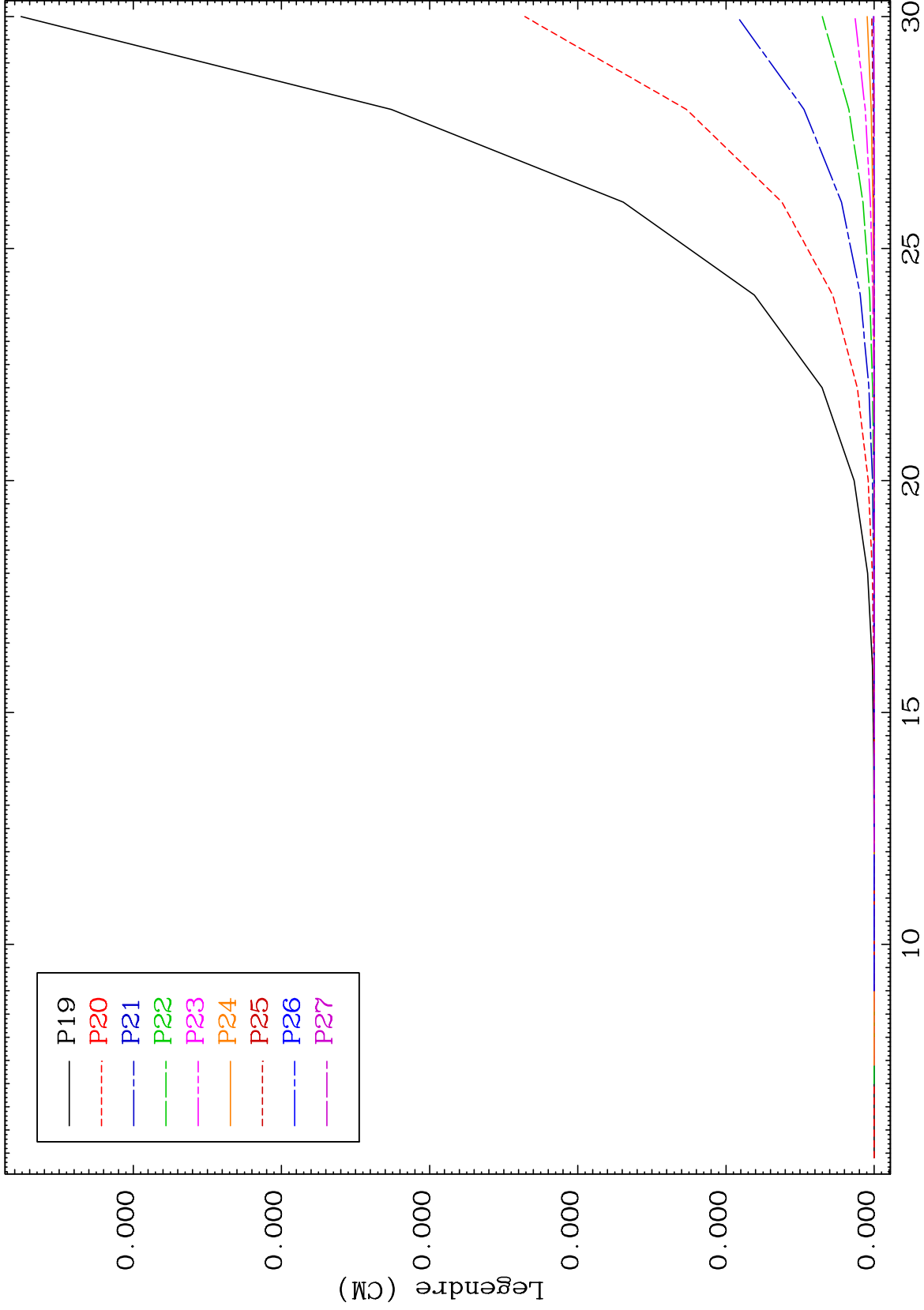
Incident Energy (MeV)

17

MAT 5286

Elastic Legendre Coefficients

53-I -114



18

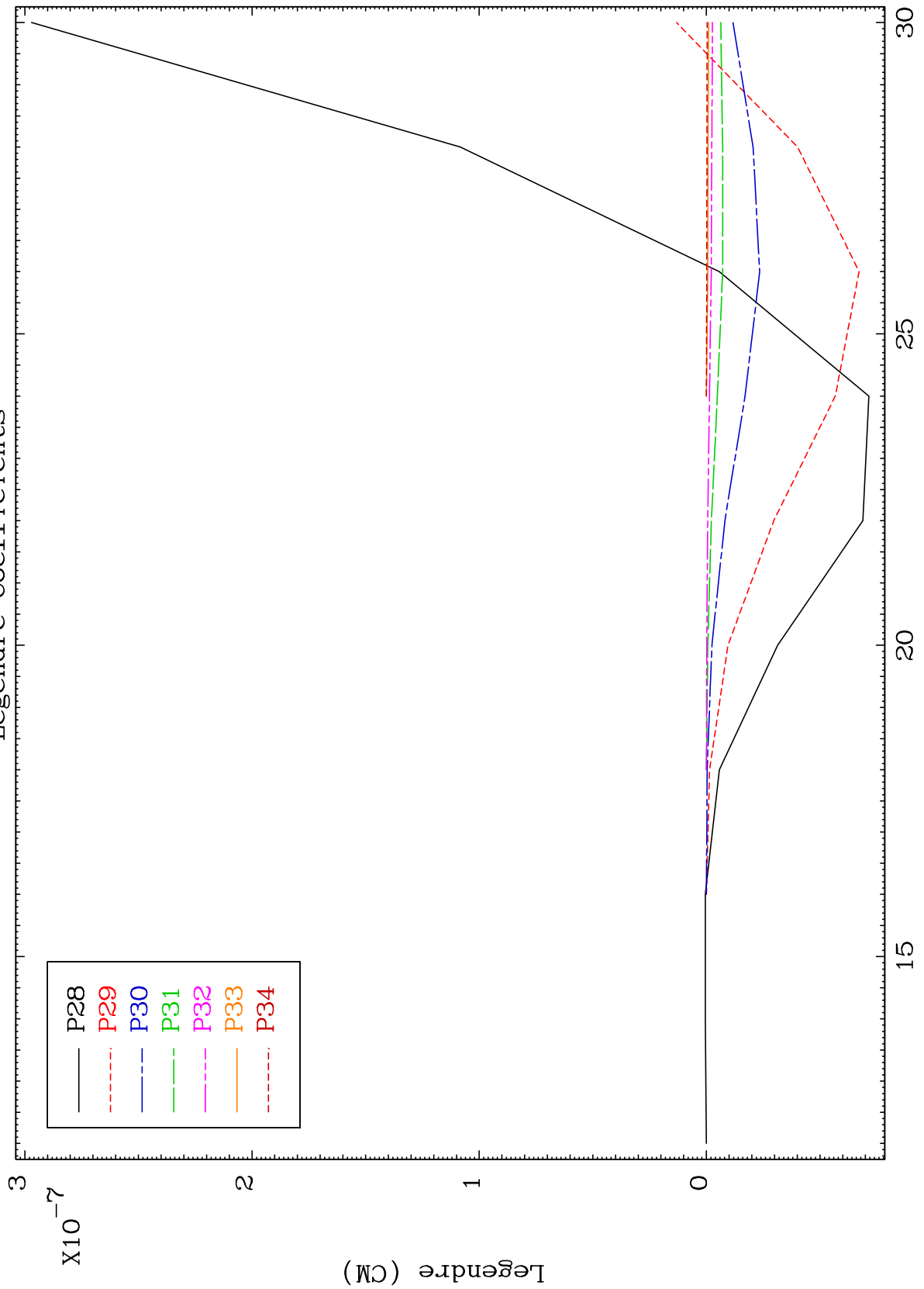
Incident Energy (MeV)

53-I -114

MAT 5286

Elastic Legendre Coefficients

53-I -114



19

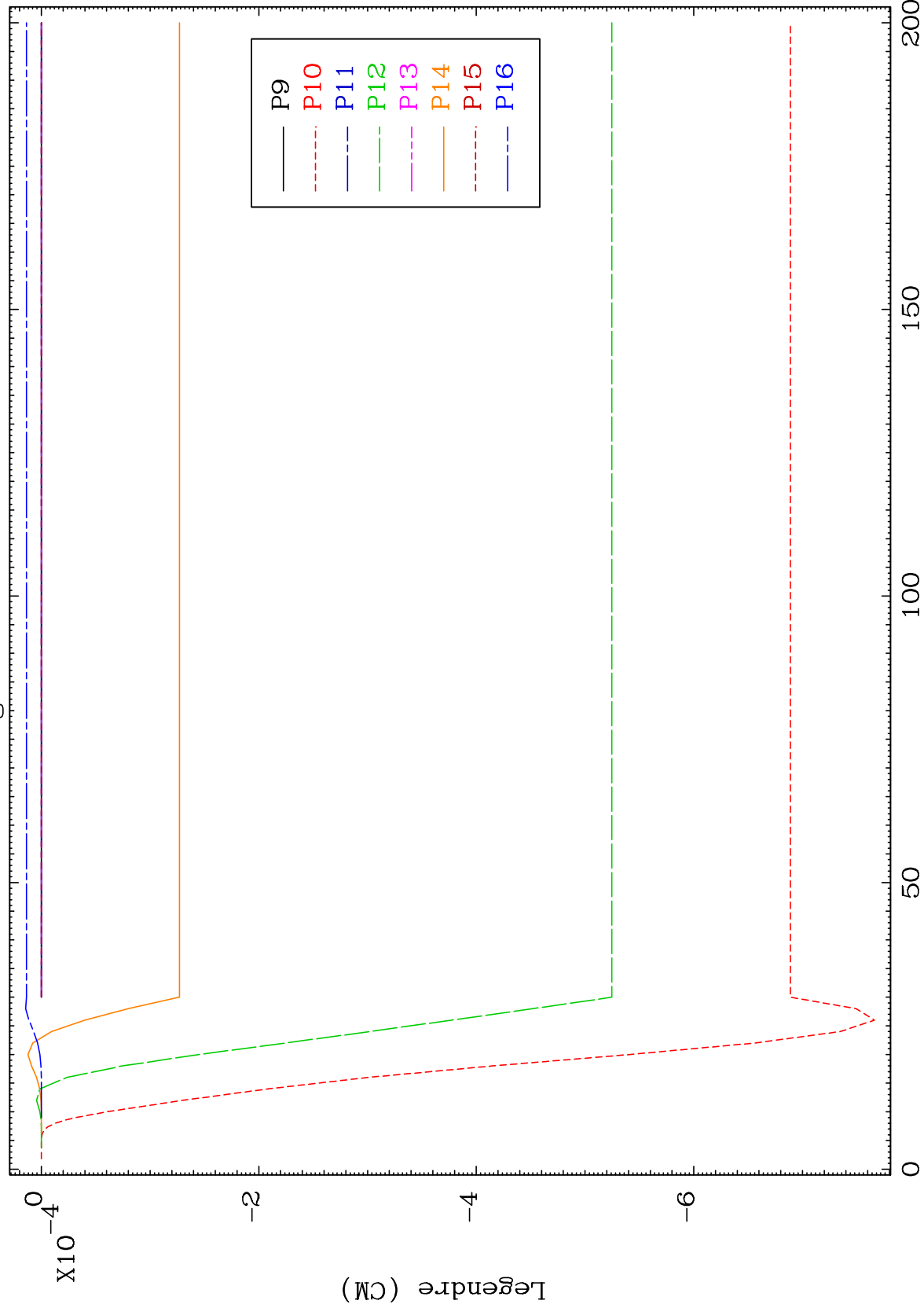
Incident Energy (MeV)

53-I -114

MAT 5286

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

53-I -114



21

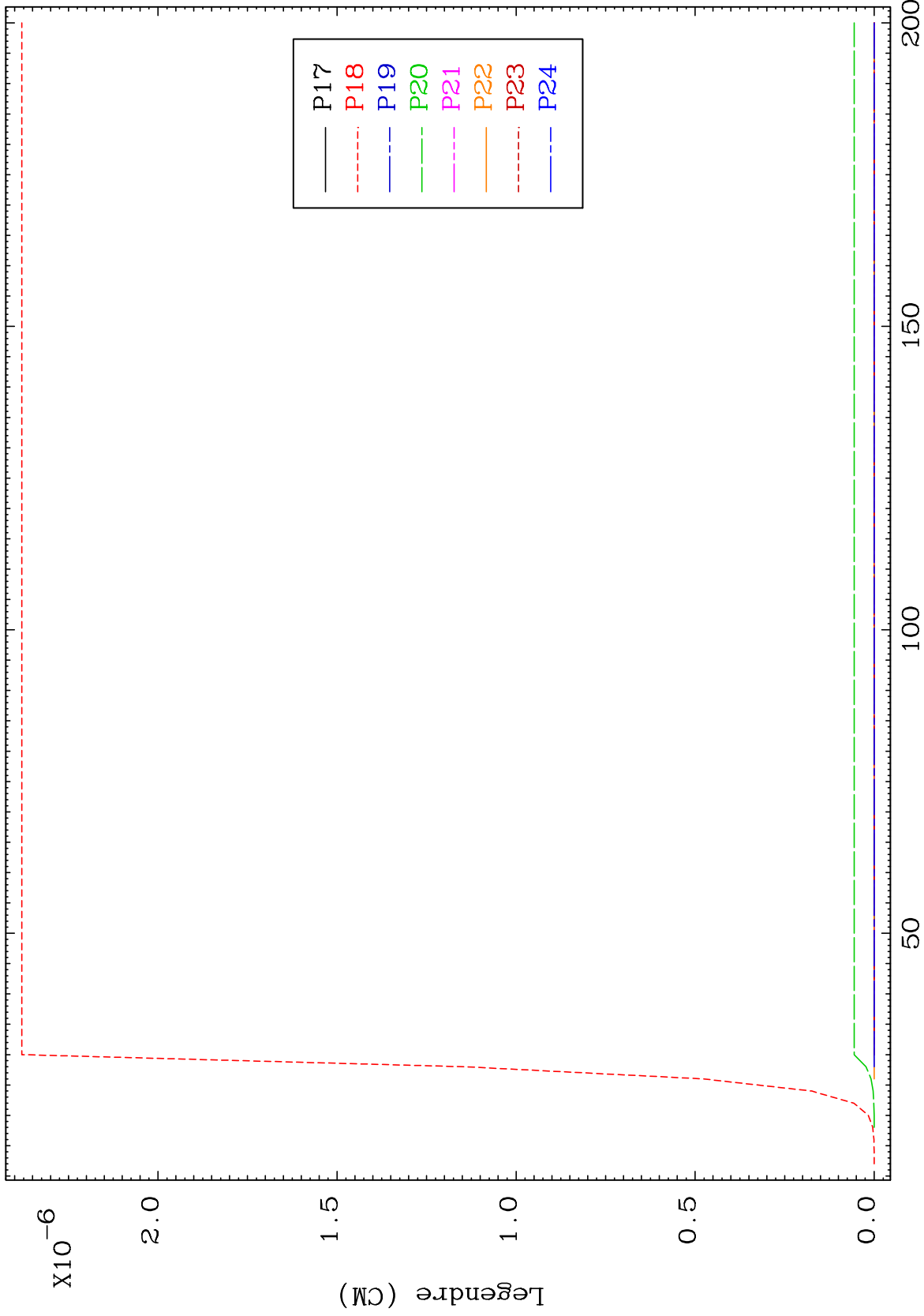
Incident Energy (MeV)

53-I -114

MAT 5286

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

53-I -114



22

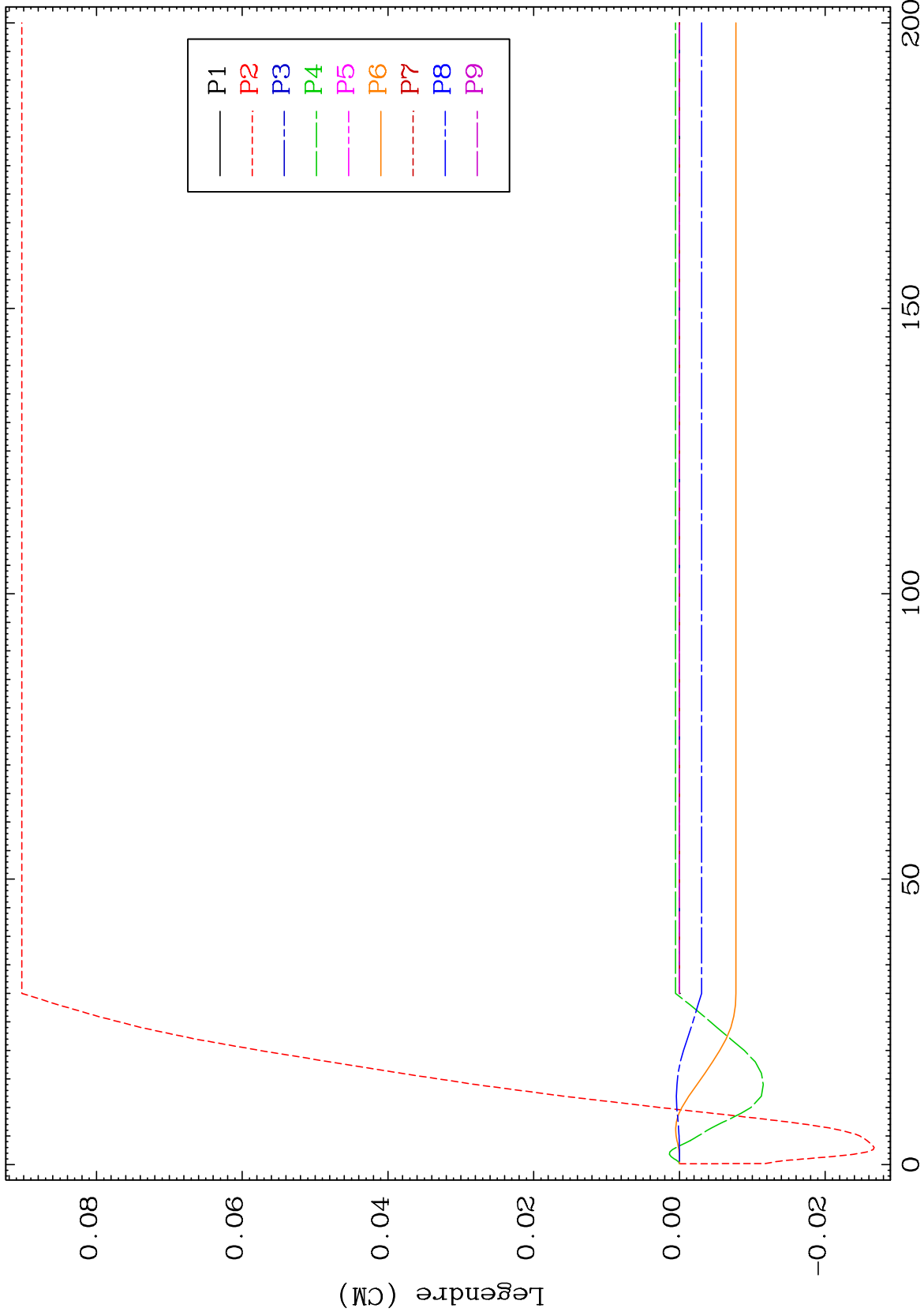
Incident Energy (MeV)

53-I -114

MAT 5286

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

53-I -114



23

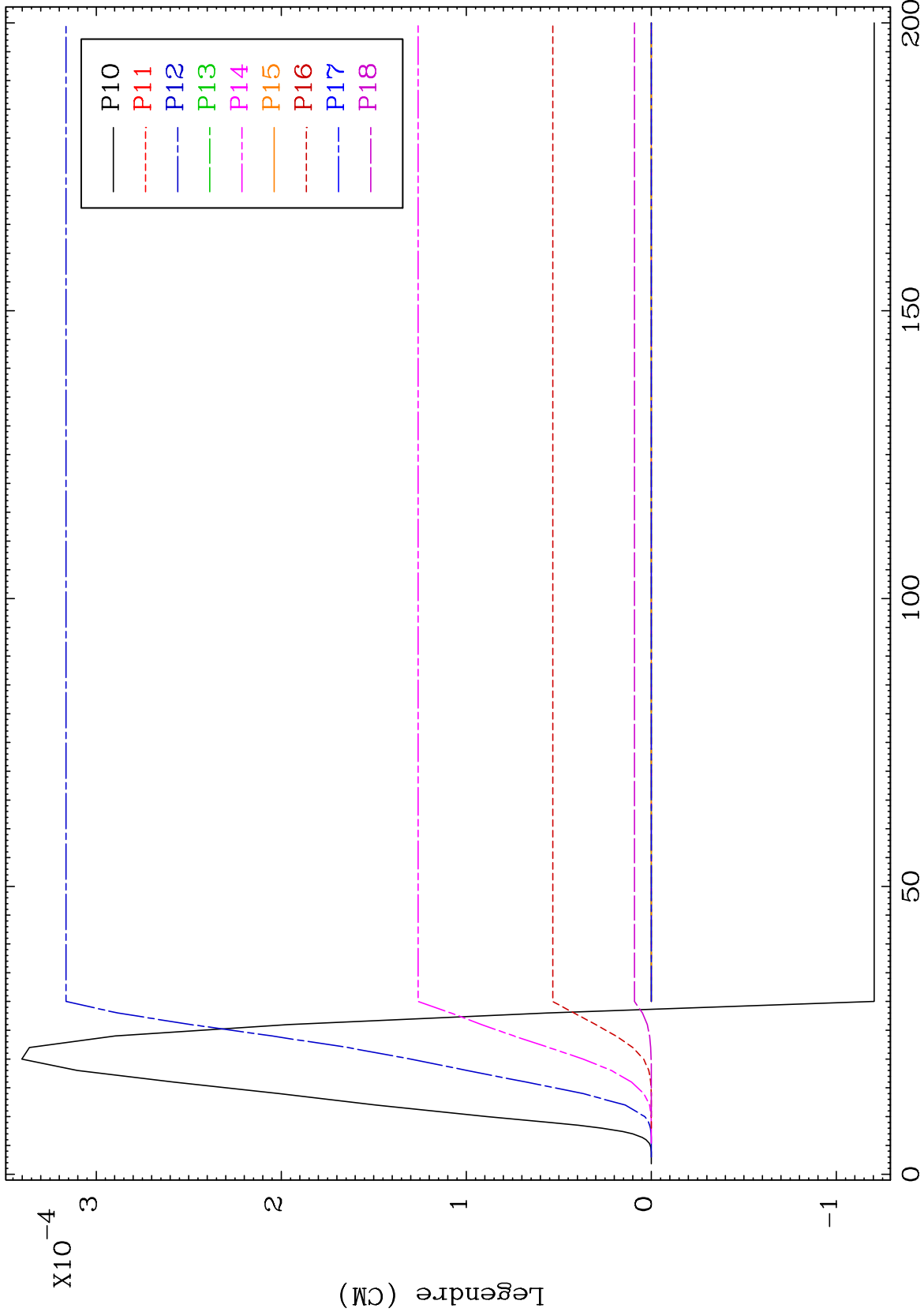
Incident Energy (MeV)

53-I -114

MAT 5286

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

53-I -114



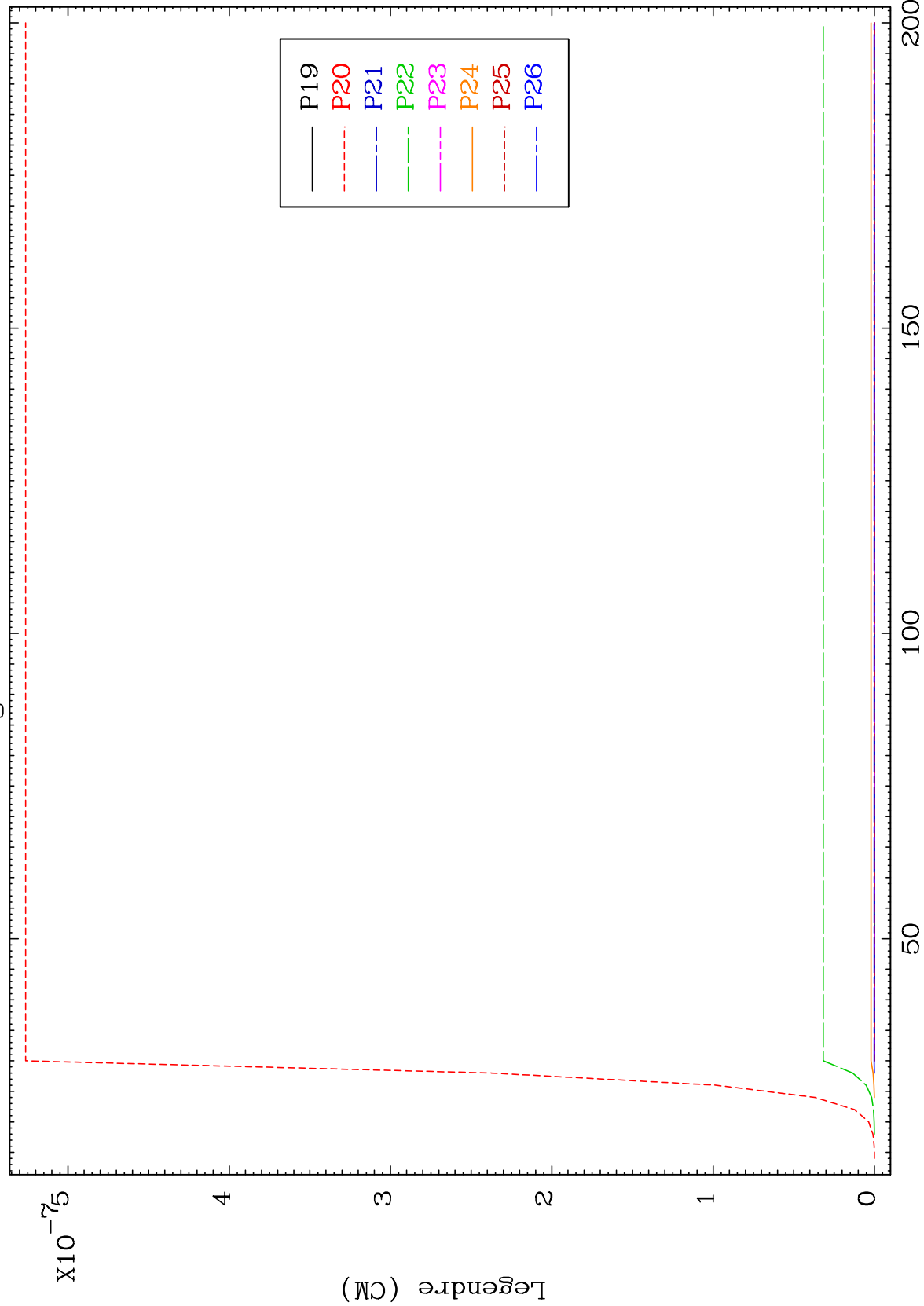
24

53-I -114

MAT 5286

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

53-I -114



53-I -114

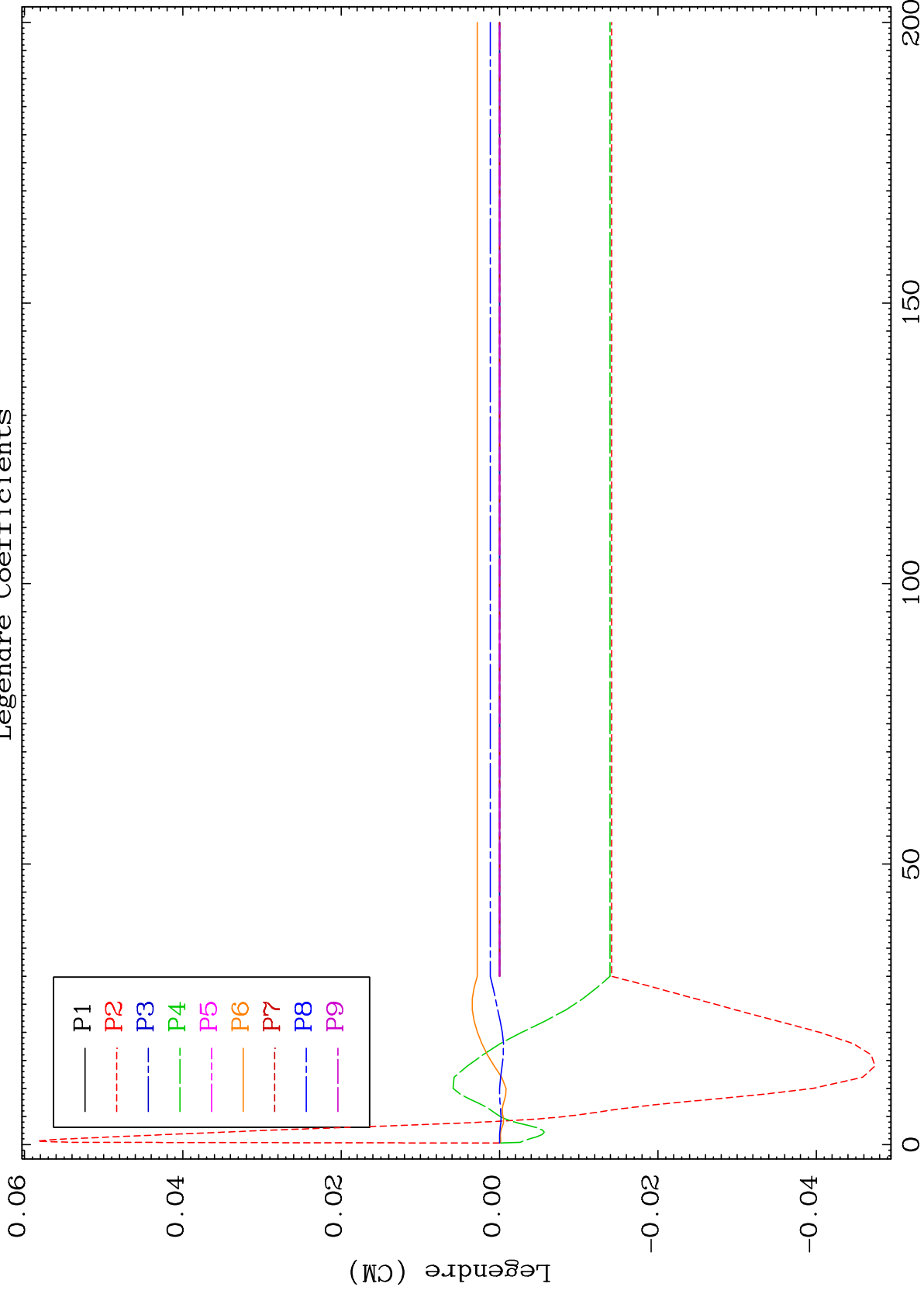
Incident Energy (MeV)

25

MAT 5286

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

53-I -114



26

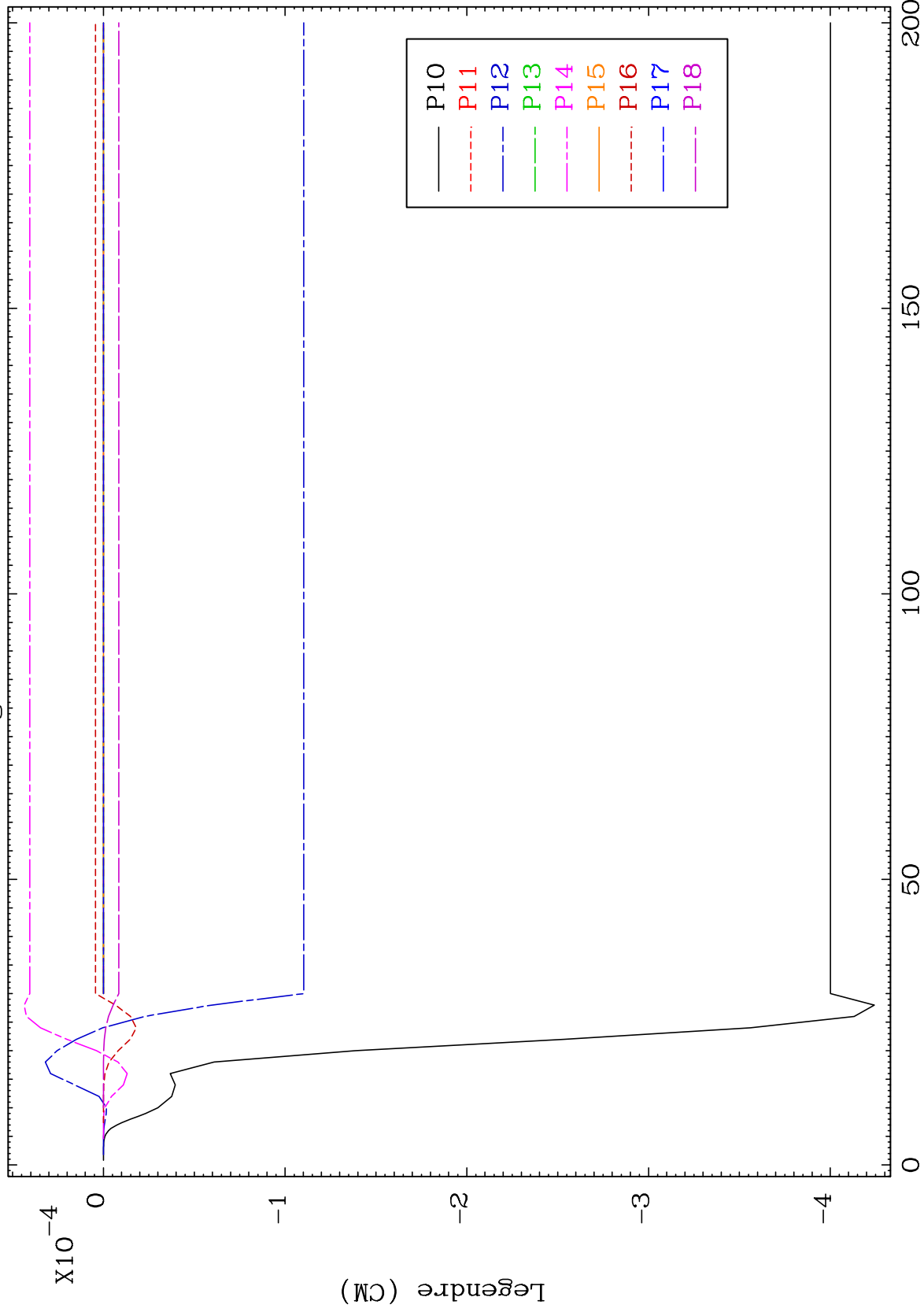
Incident Energy (MeV)

53-I -114

MAT 5286

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

53-I -114



27

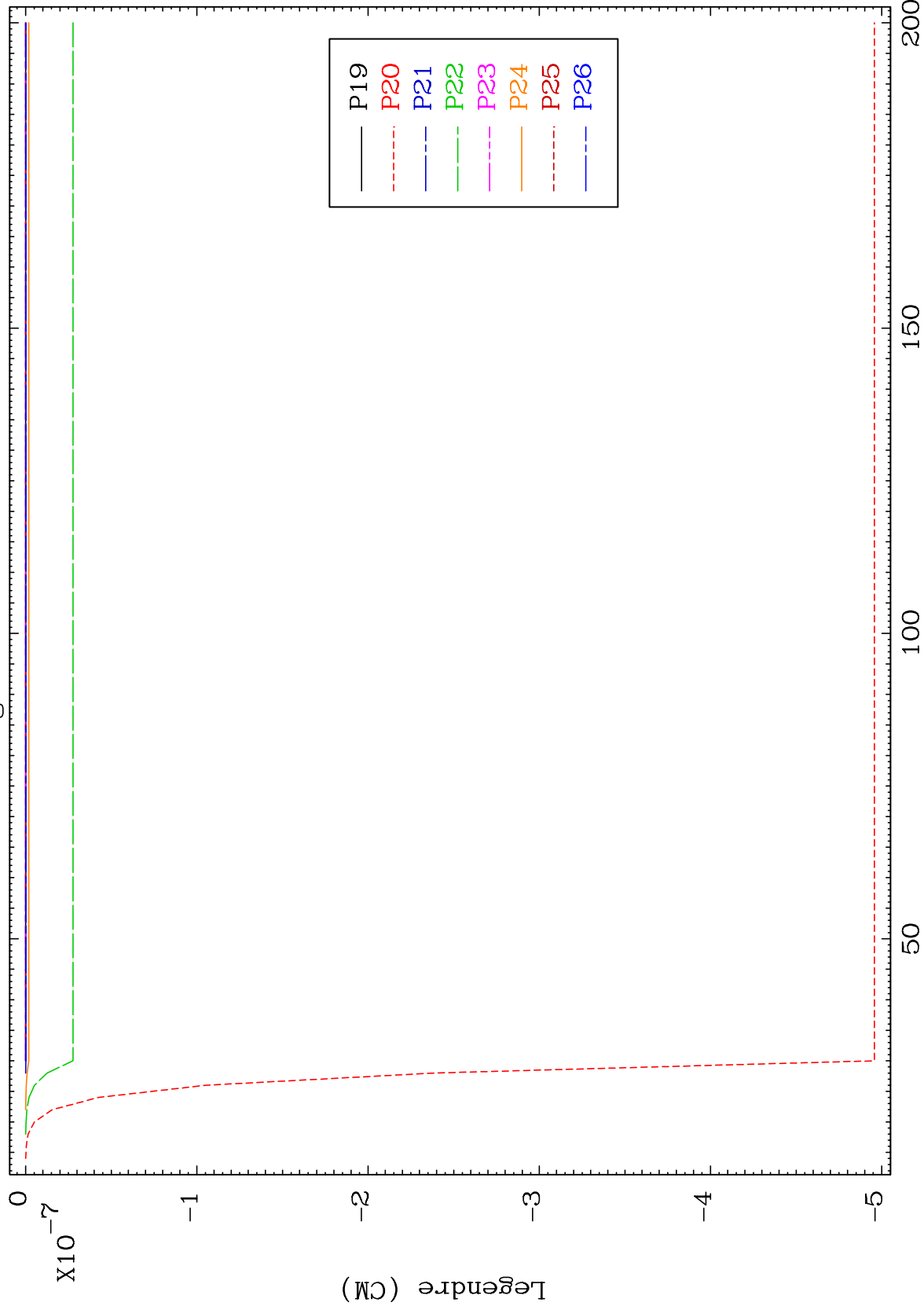
Incident Energy (MeV)

53-I -114

MAT 5286

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

53-I -114



28

Incident Energy (MeV)

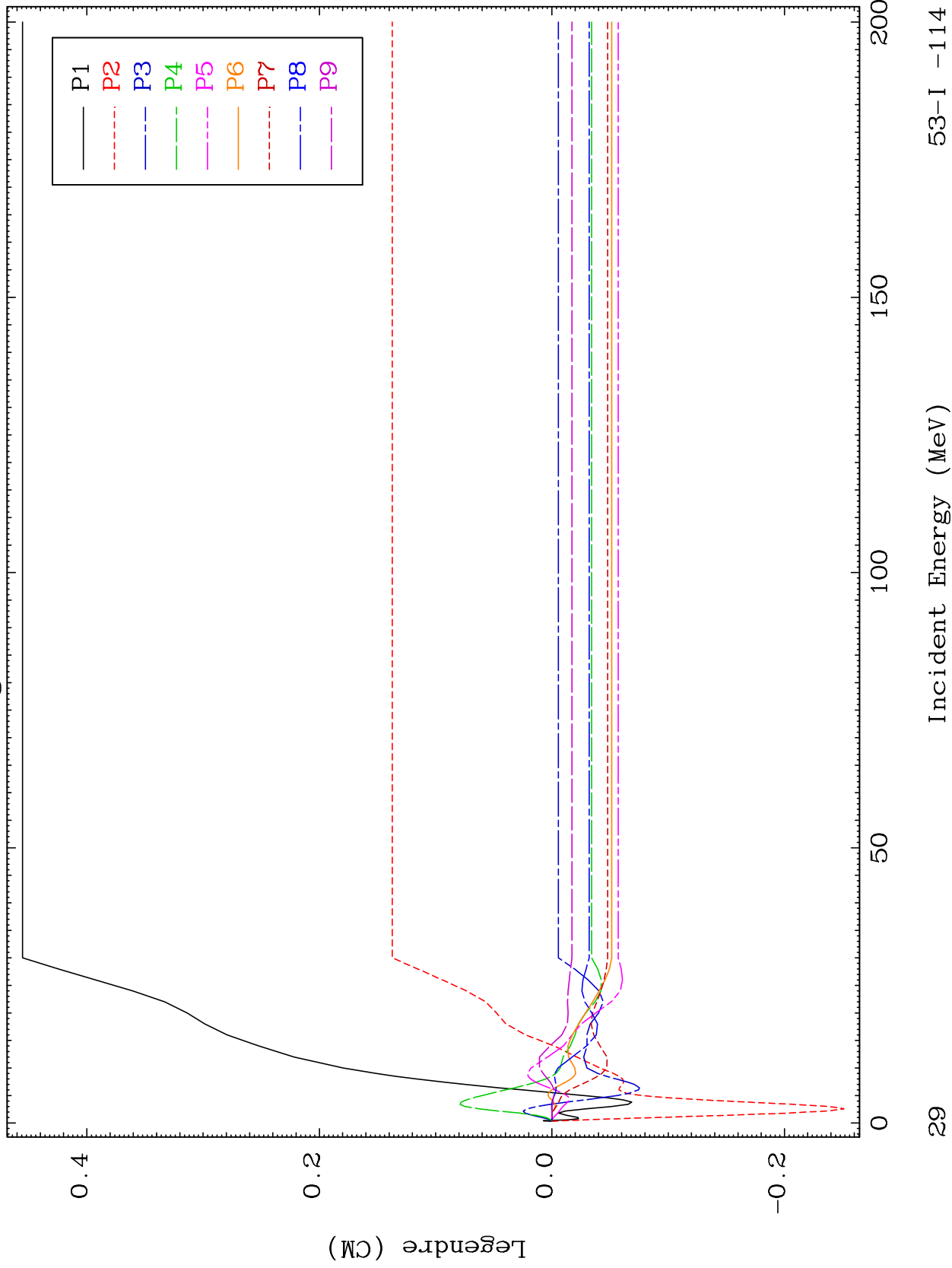
53-I -114

MAT 5286

MT= 54 (n,n') Level

53-I -114

Legendre Coefficients



29

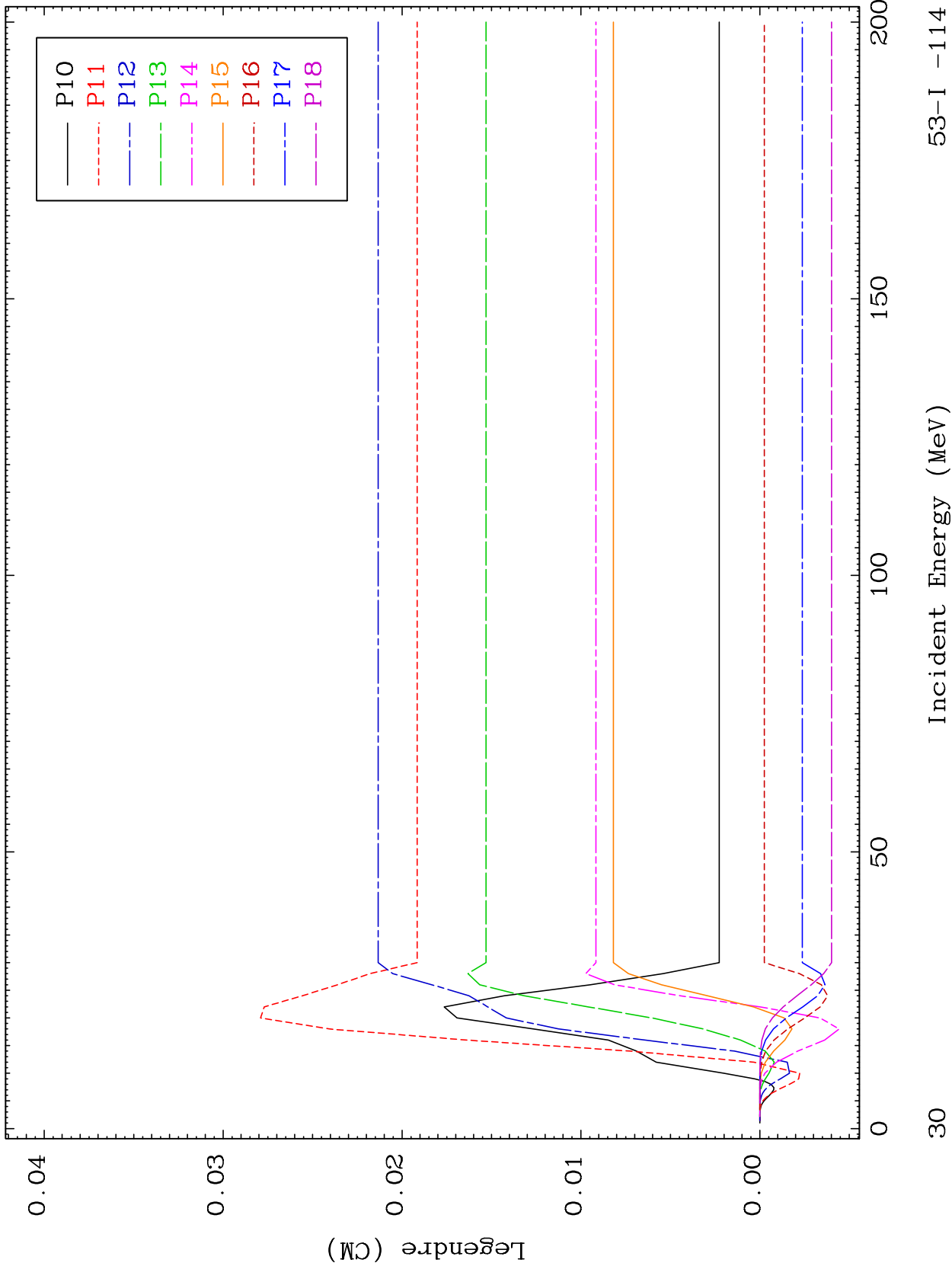
Incident Energy (MeV)

53-I -114

MAT 5286

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

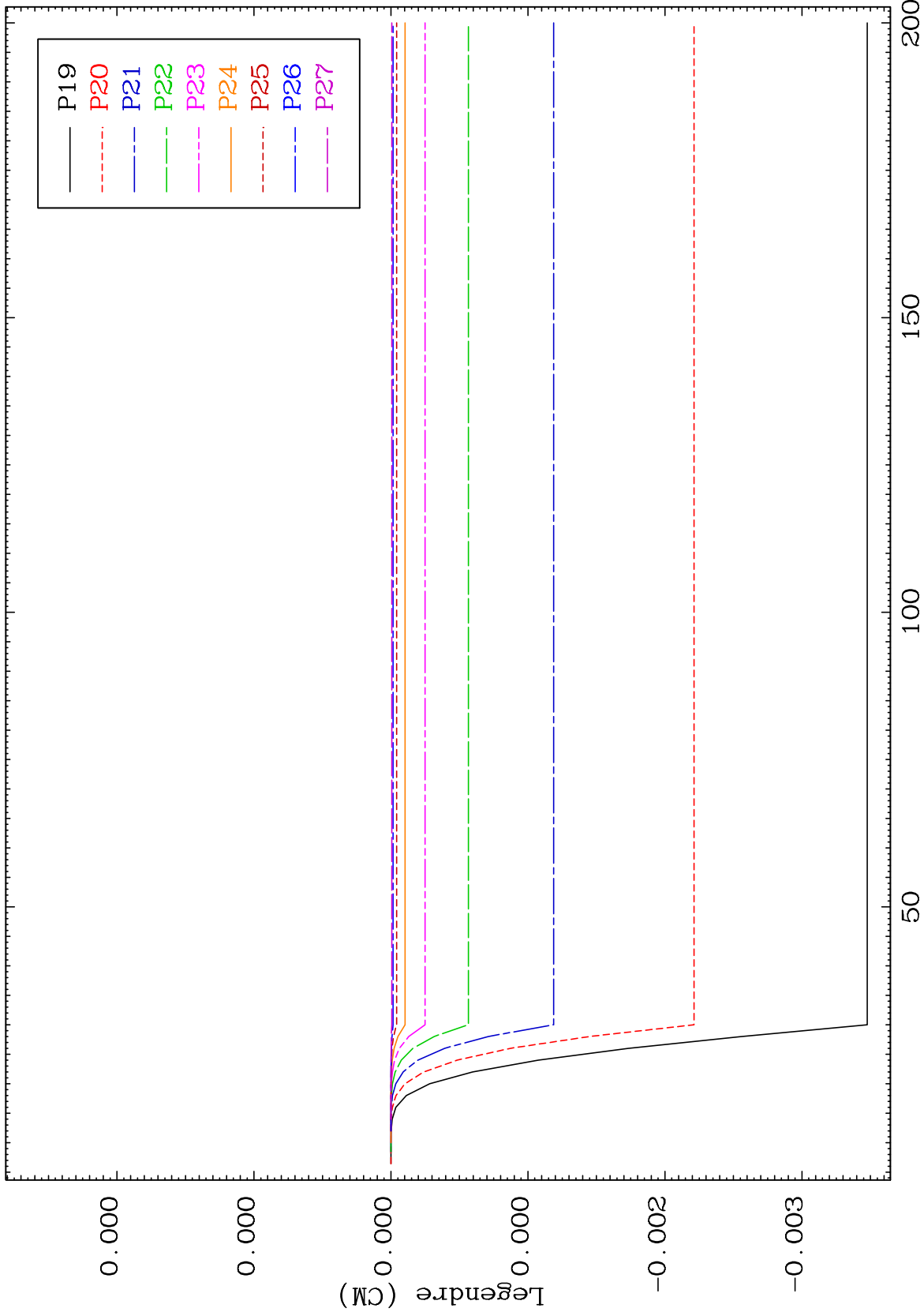
53-I -114



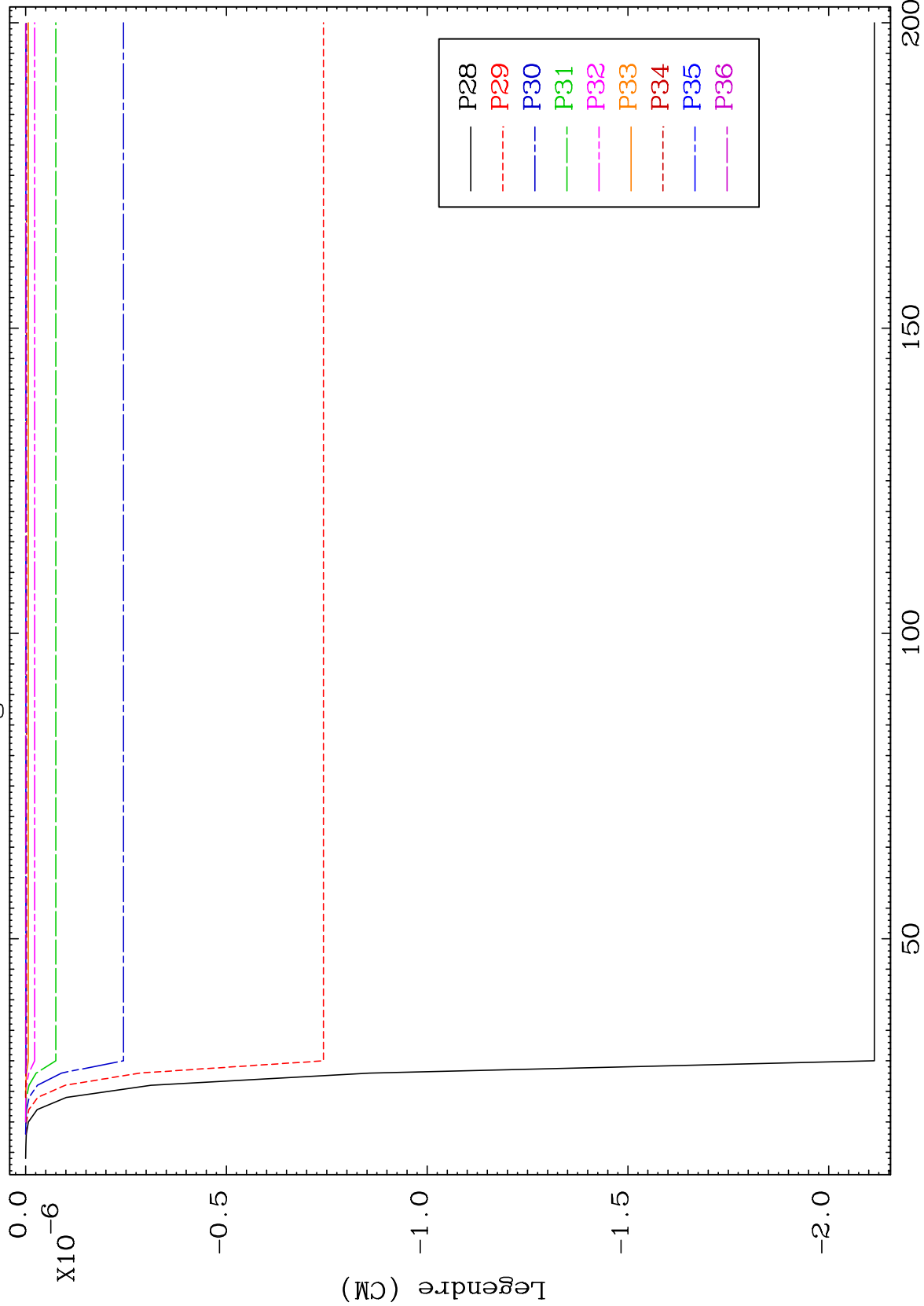
53-I -114

Incident Energy (MeV)

30



Legendre Coefficients

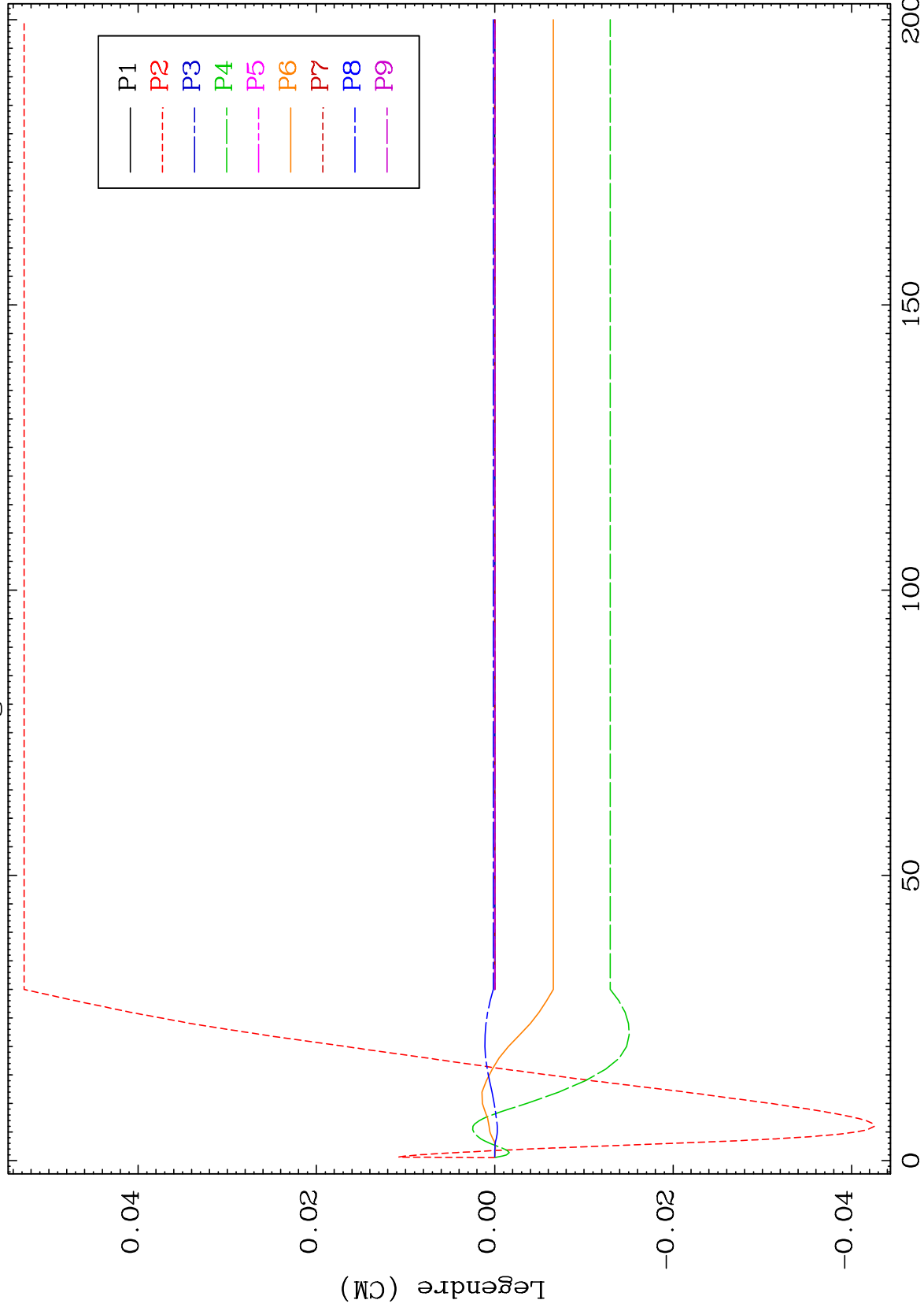


MAT 5286

MT= 55 (n,n') Level

53-I -114

Legendre Coefficients



33

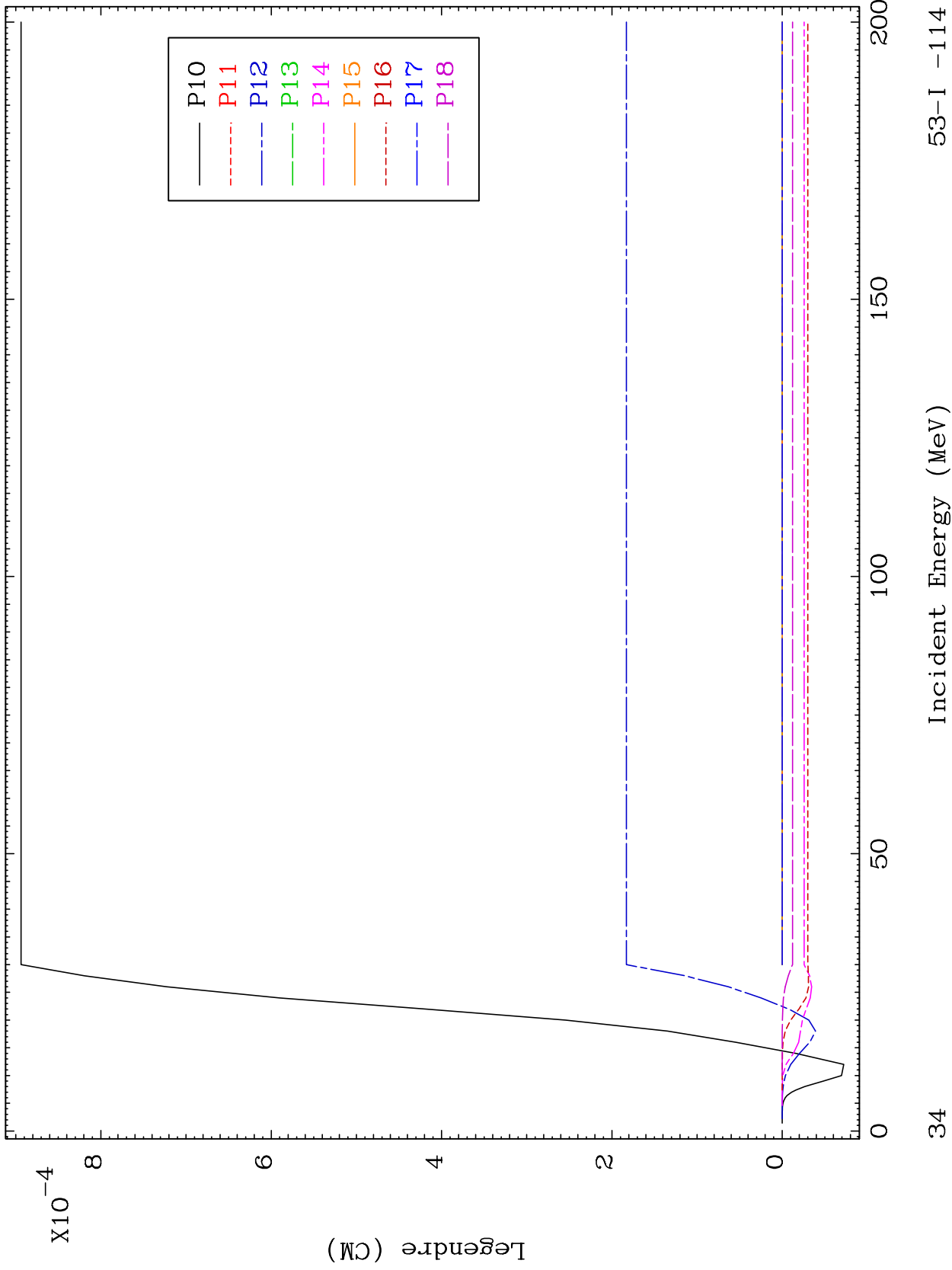
Incident Energy (MeV)

53-I -114

MAT 5286

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

53-I -114



34

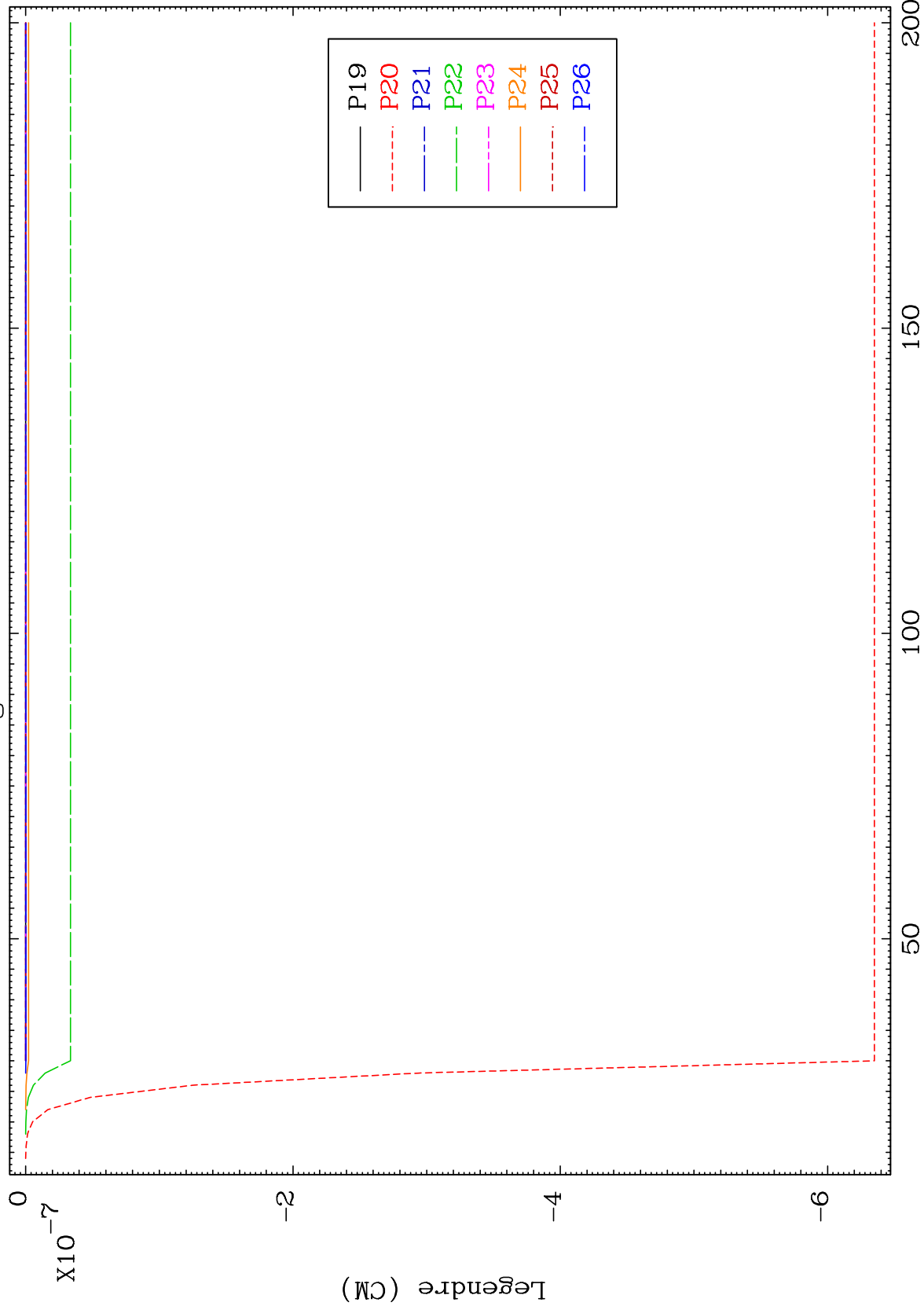
Incident Energy (MeV)

53-I -114

MAT 5286

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

53-I -114



53-I -114

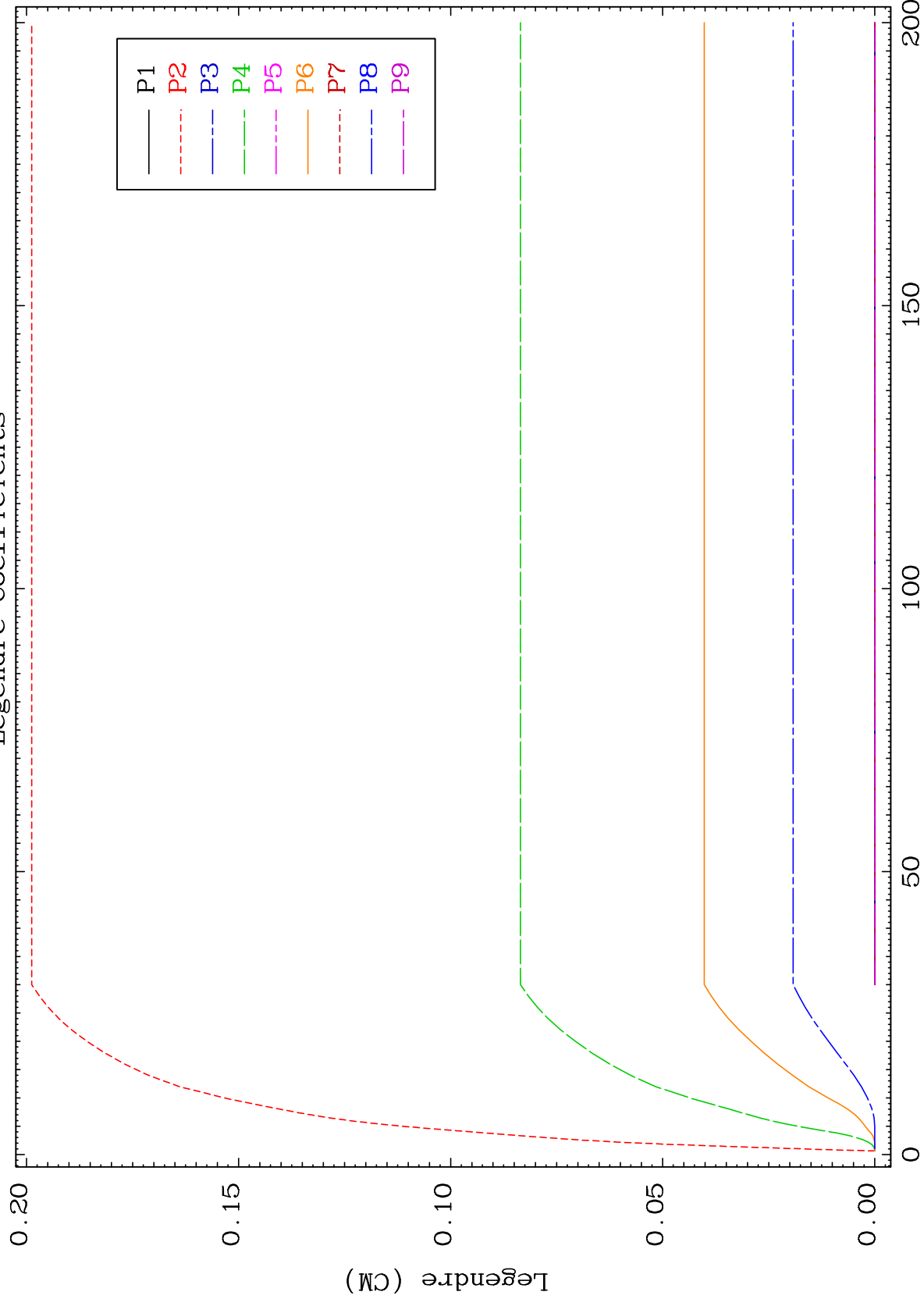
Incident Energy (MeV)

35

MAT 5286

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

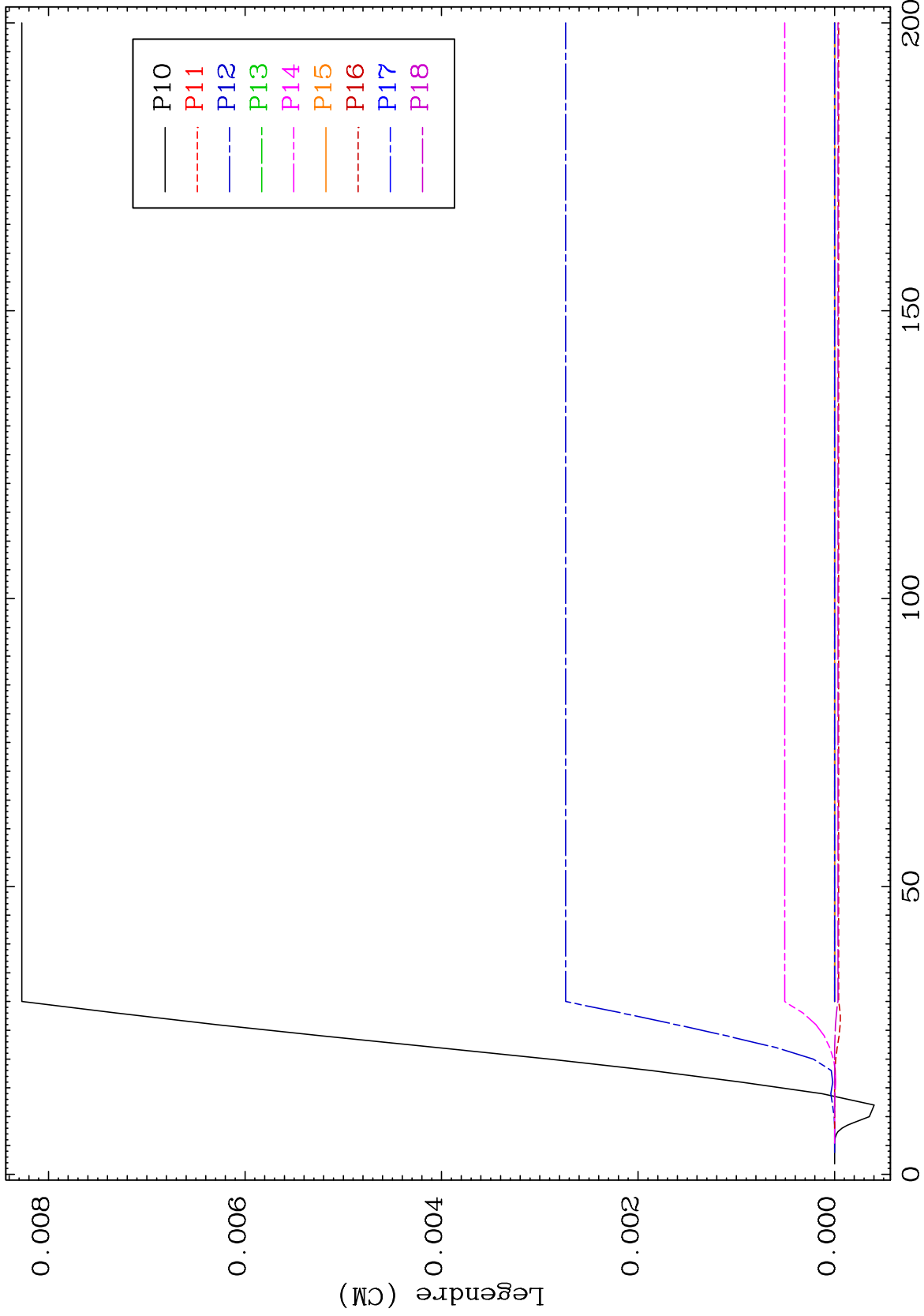
53-I -114



36

Incident Energy (MeV)

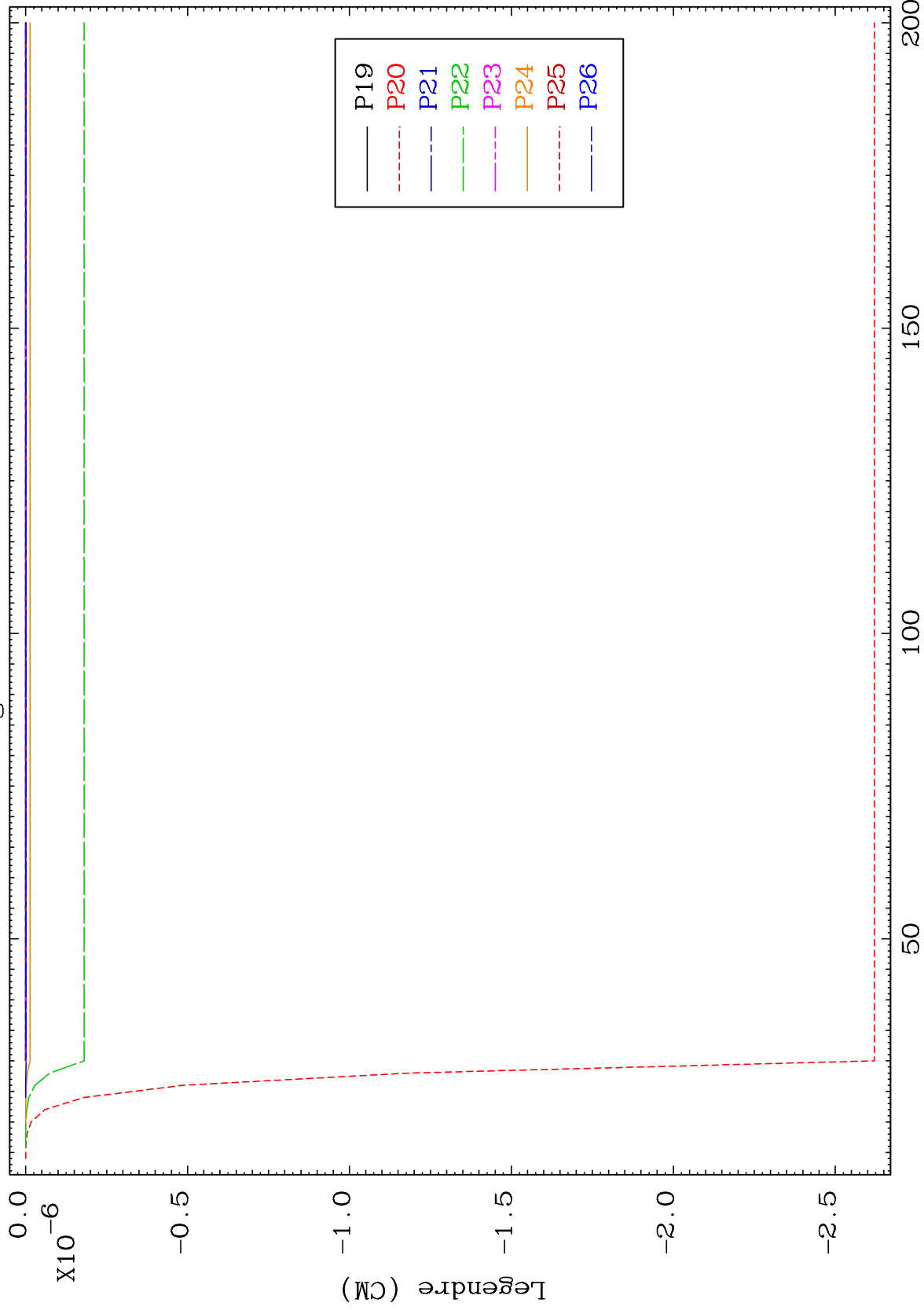
53-I -114



MAT 5286

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

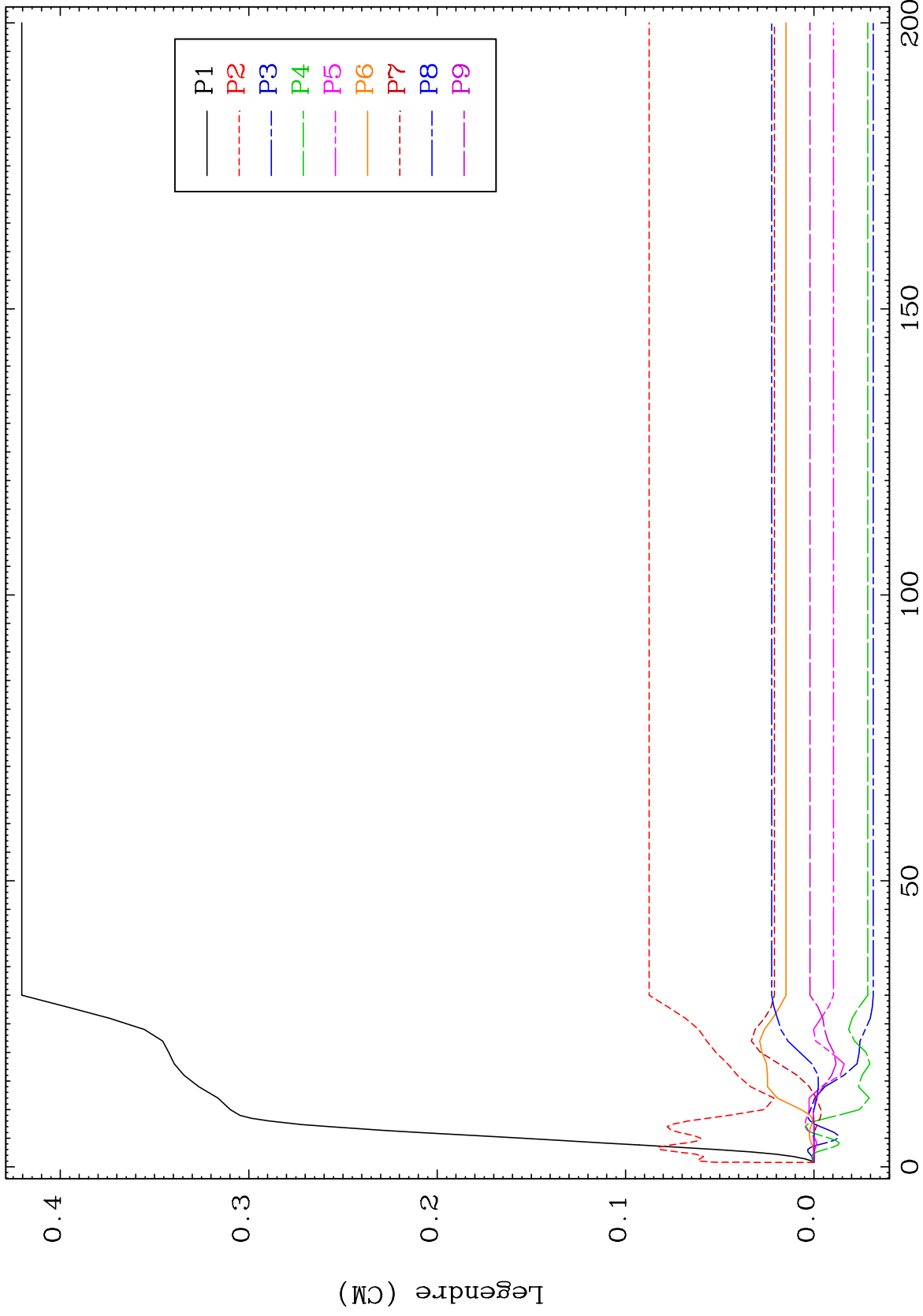
53-I -114



38

Incident Energy (MeV)

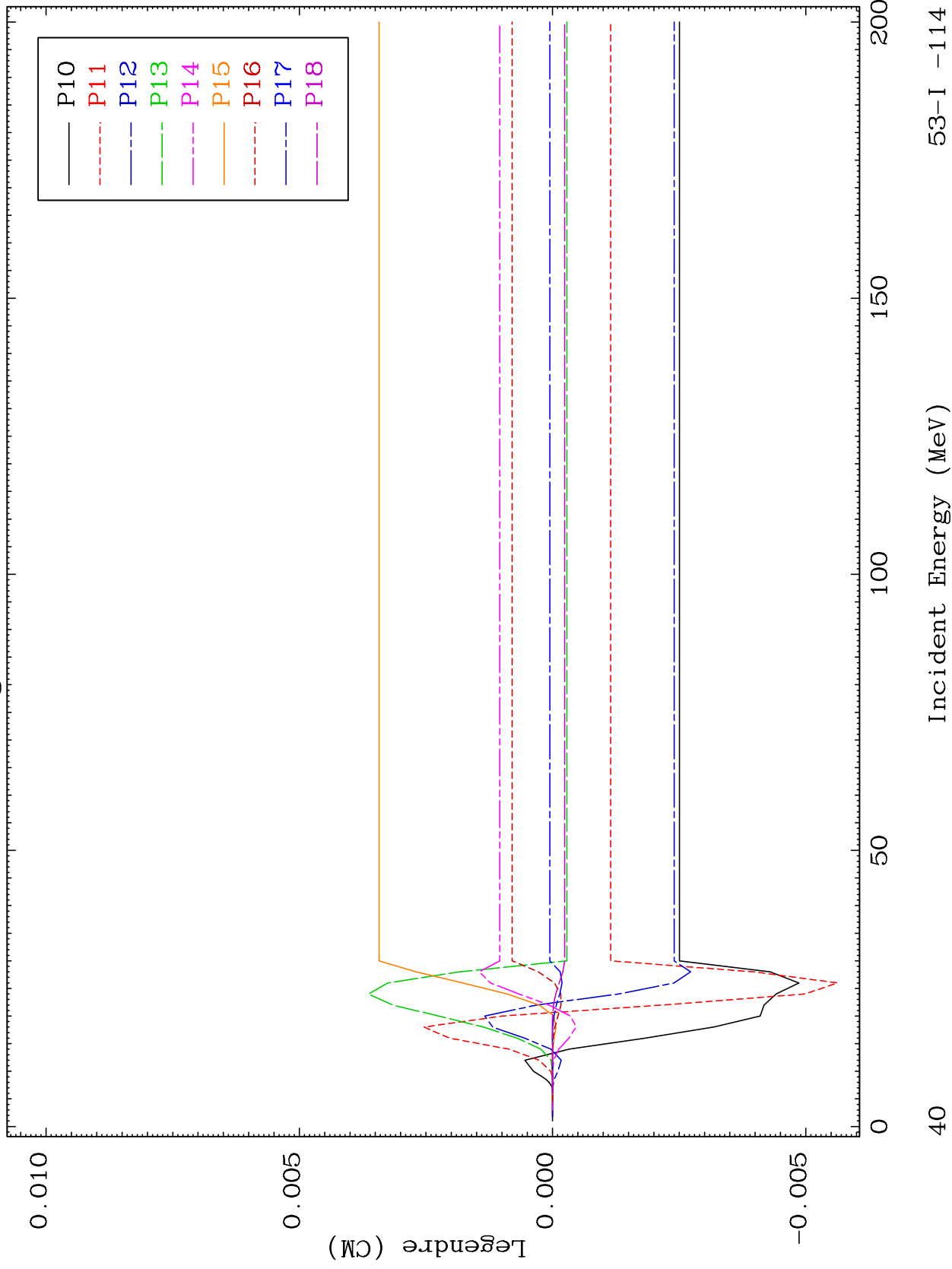
53-I -114



MAT 5286

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

53-I -114



53-I -114

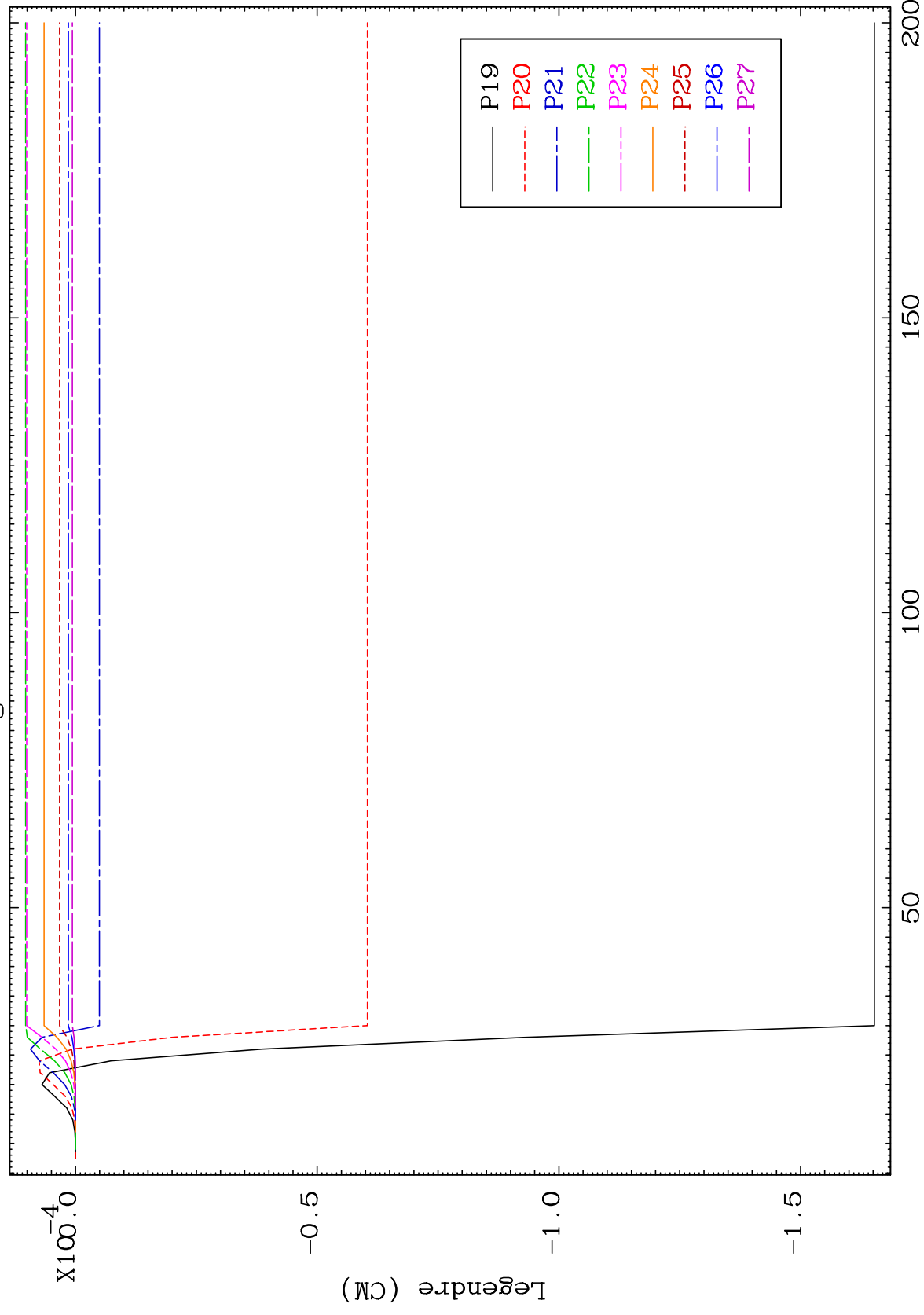
Incident Energy (MeV)

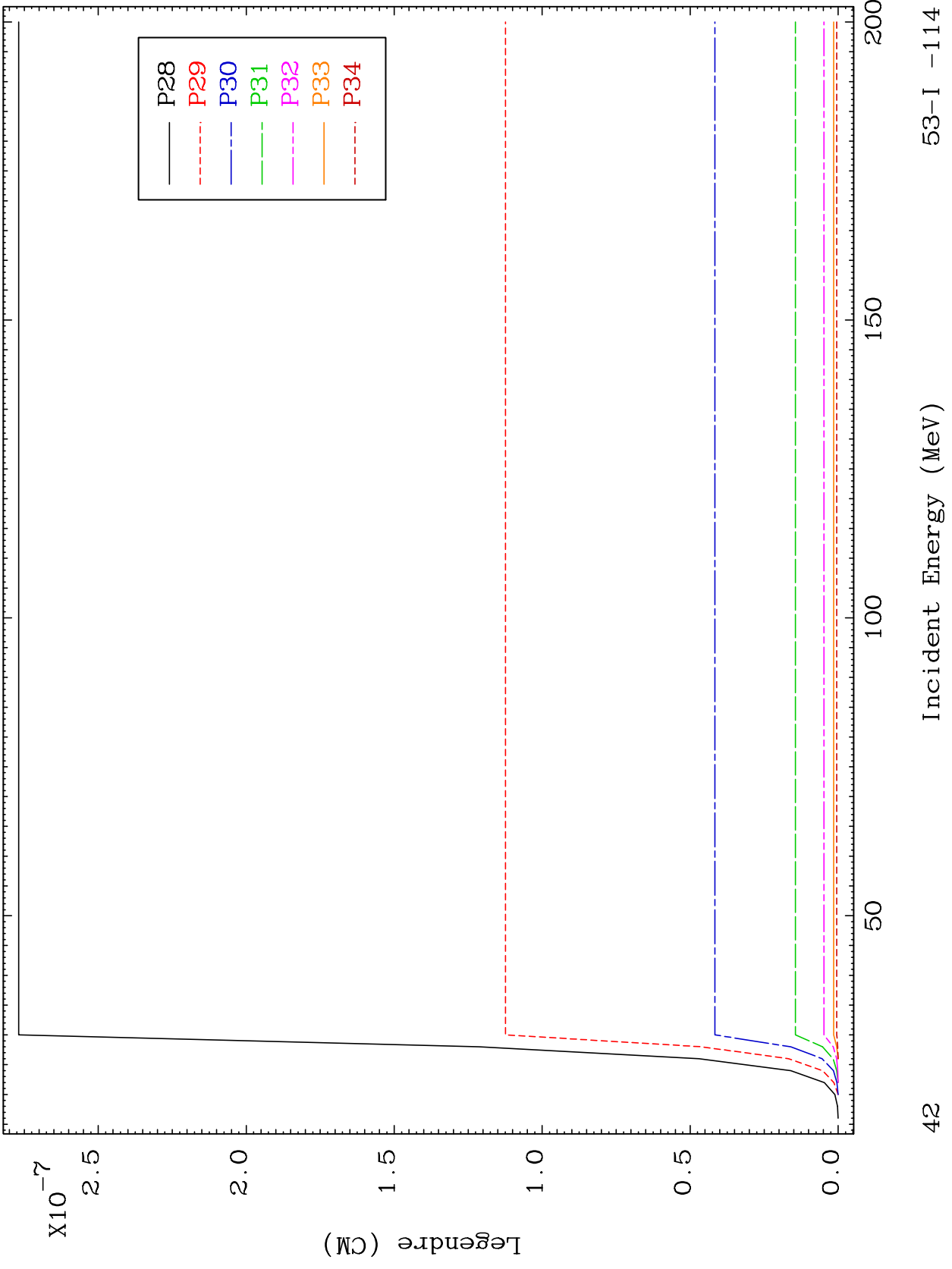
40

MAT 5286

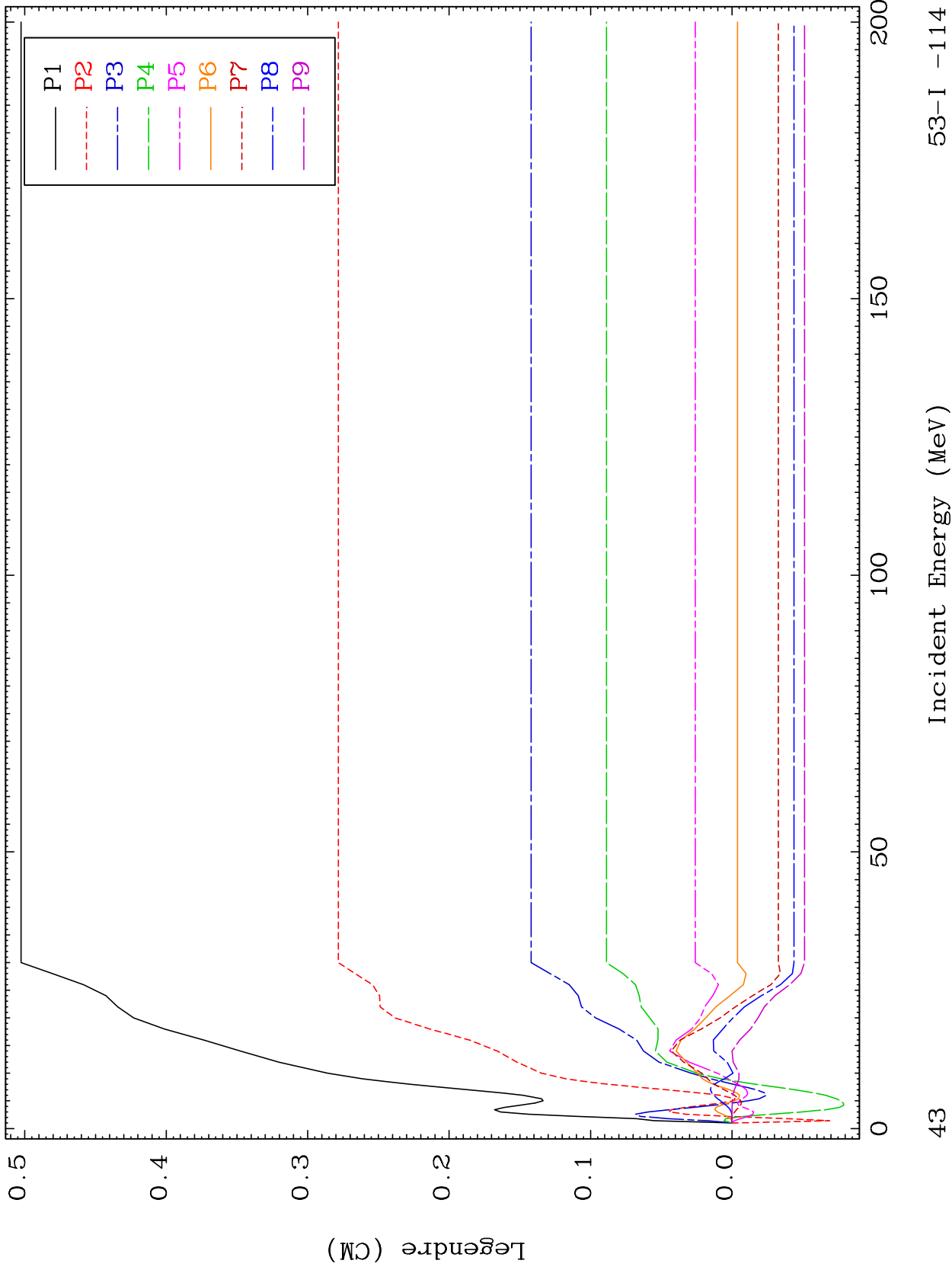
MT= 57 (n,n') Level
Legendre Coefficients

53-I -114





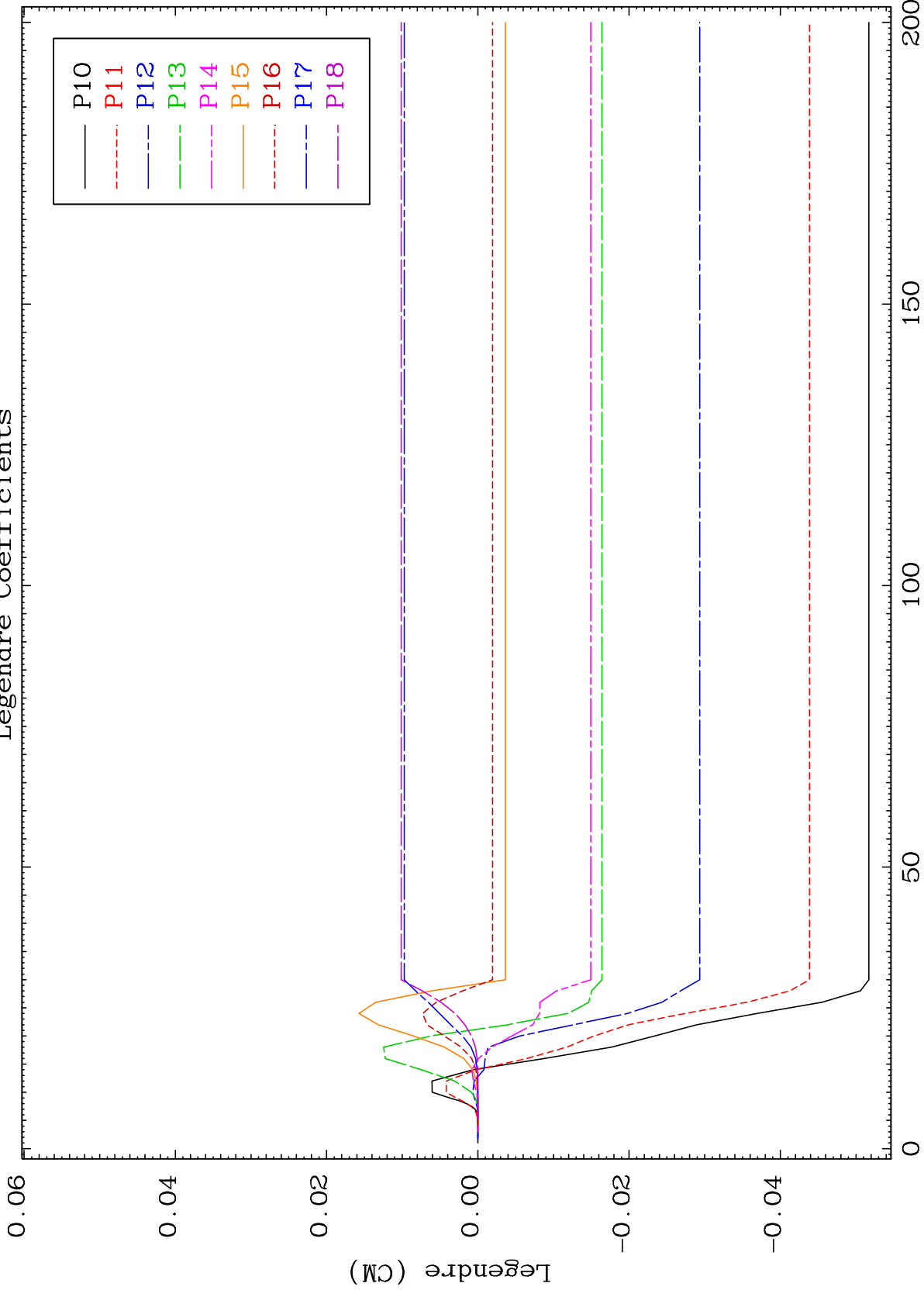
Legendre Coefficients



MAT 5286

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

53-I -114



44

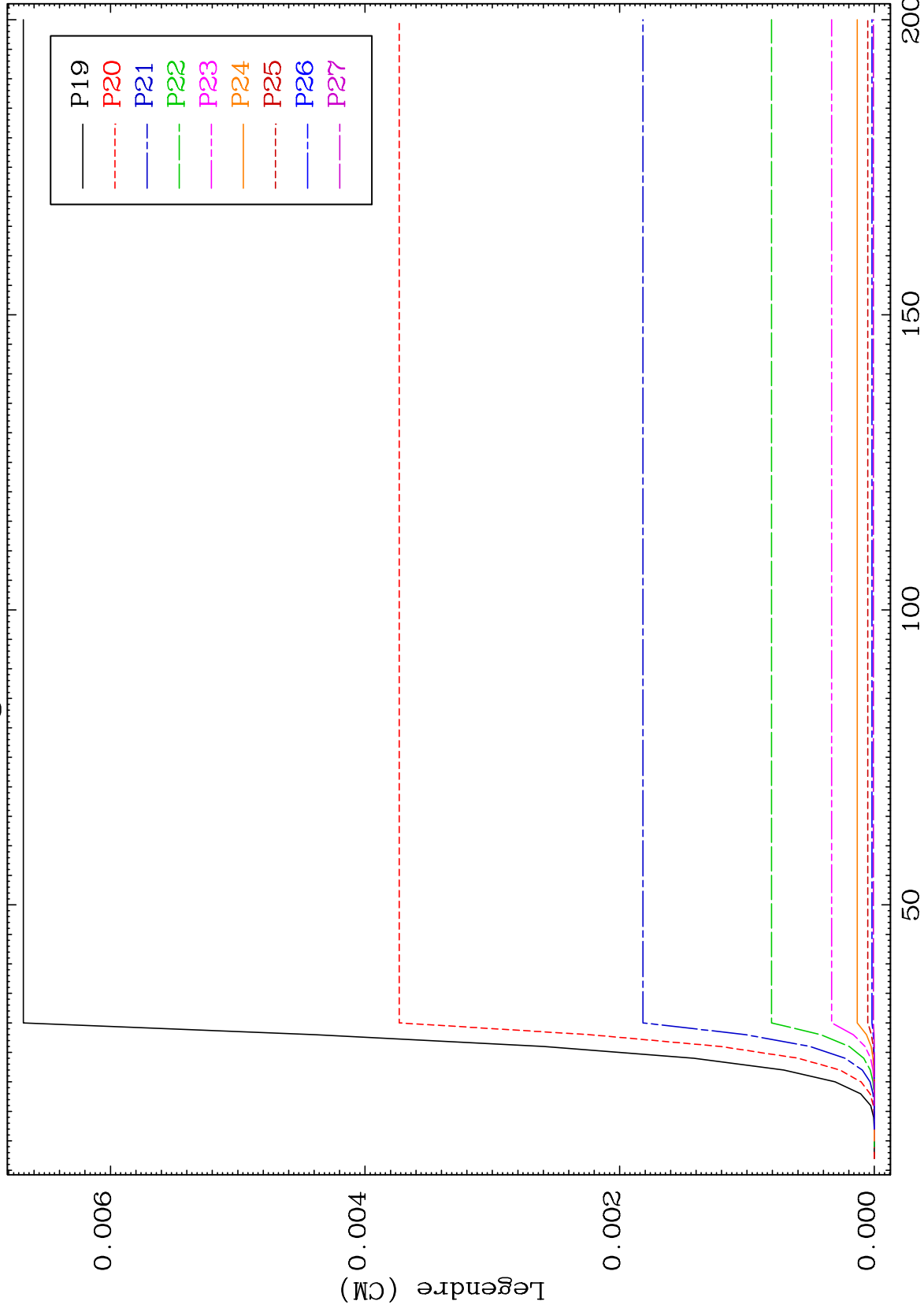
Incident Energy (MeV)

53-I -114

MAT 5286

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

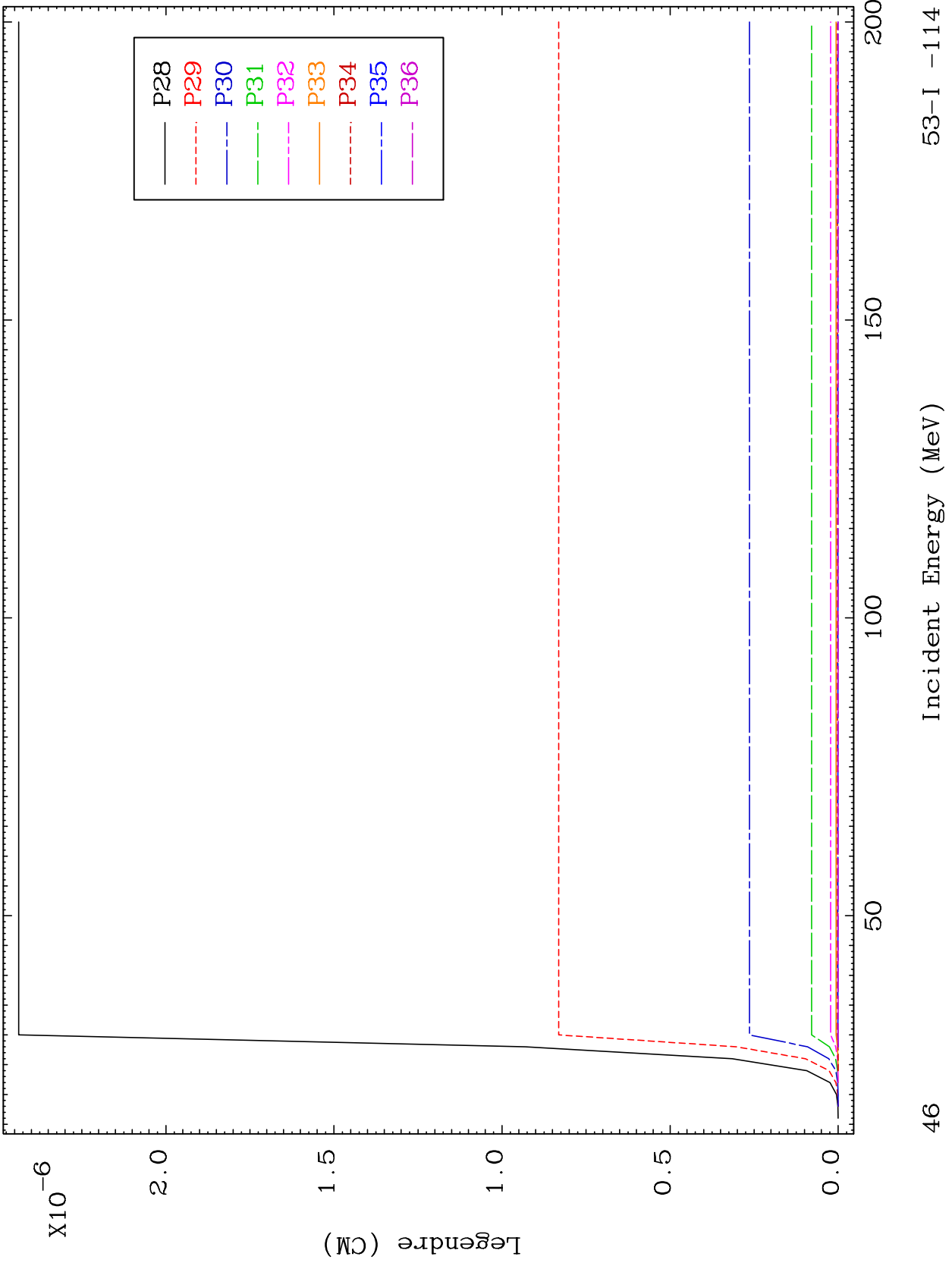
53-I -114



45

Incident Energy (MeV)

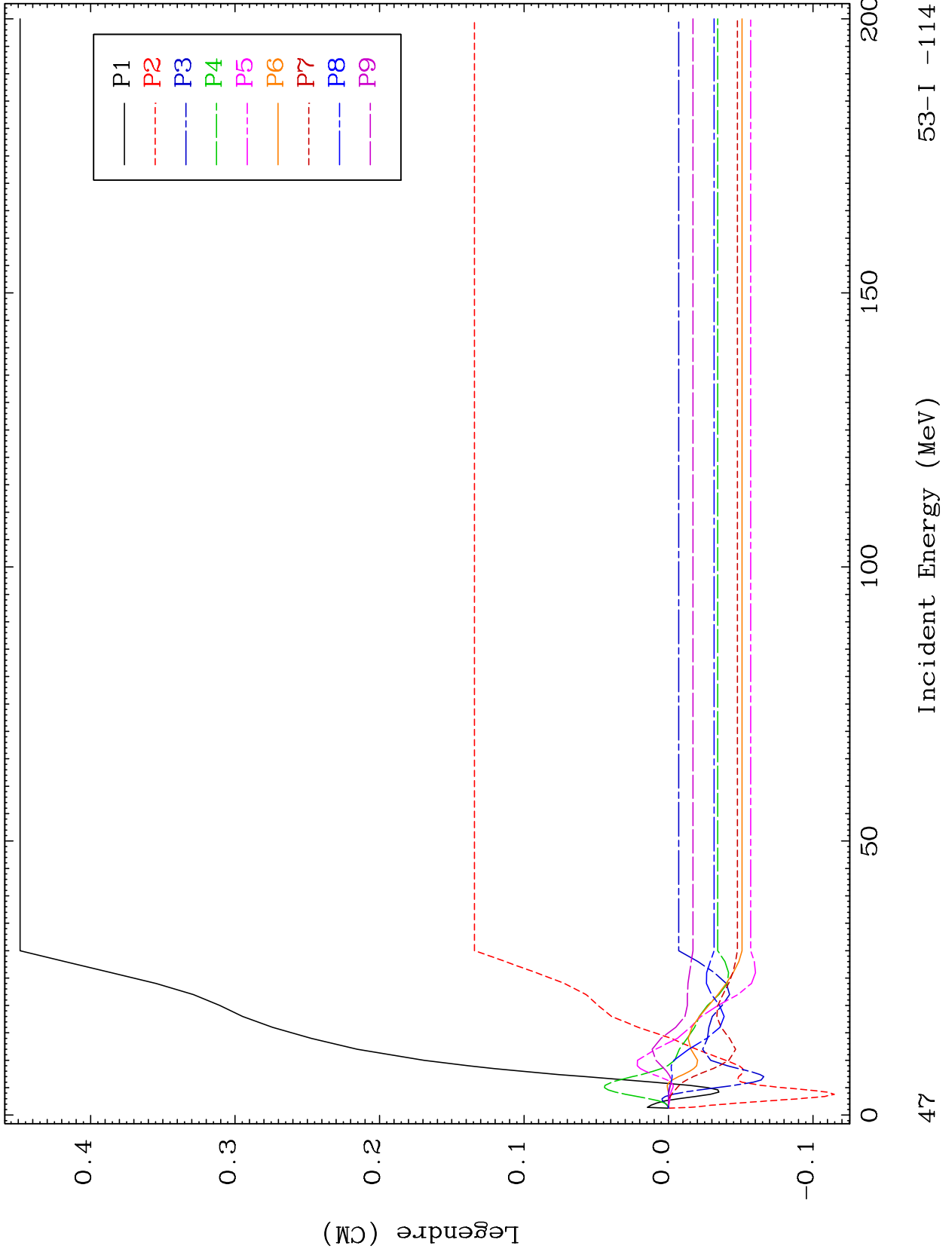
53-I -114



MAT 5286

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

53-I -114



53-I -114

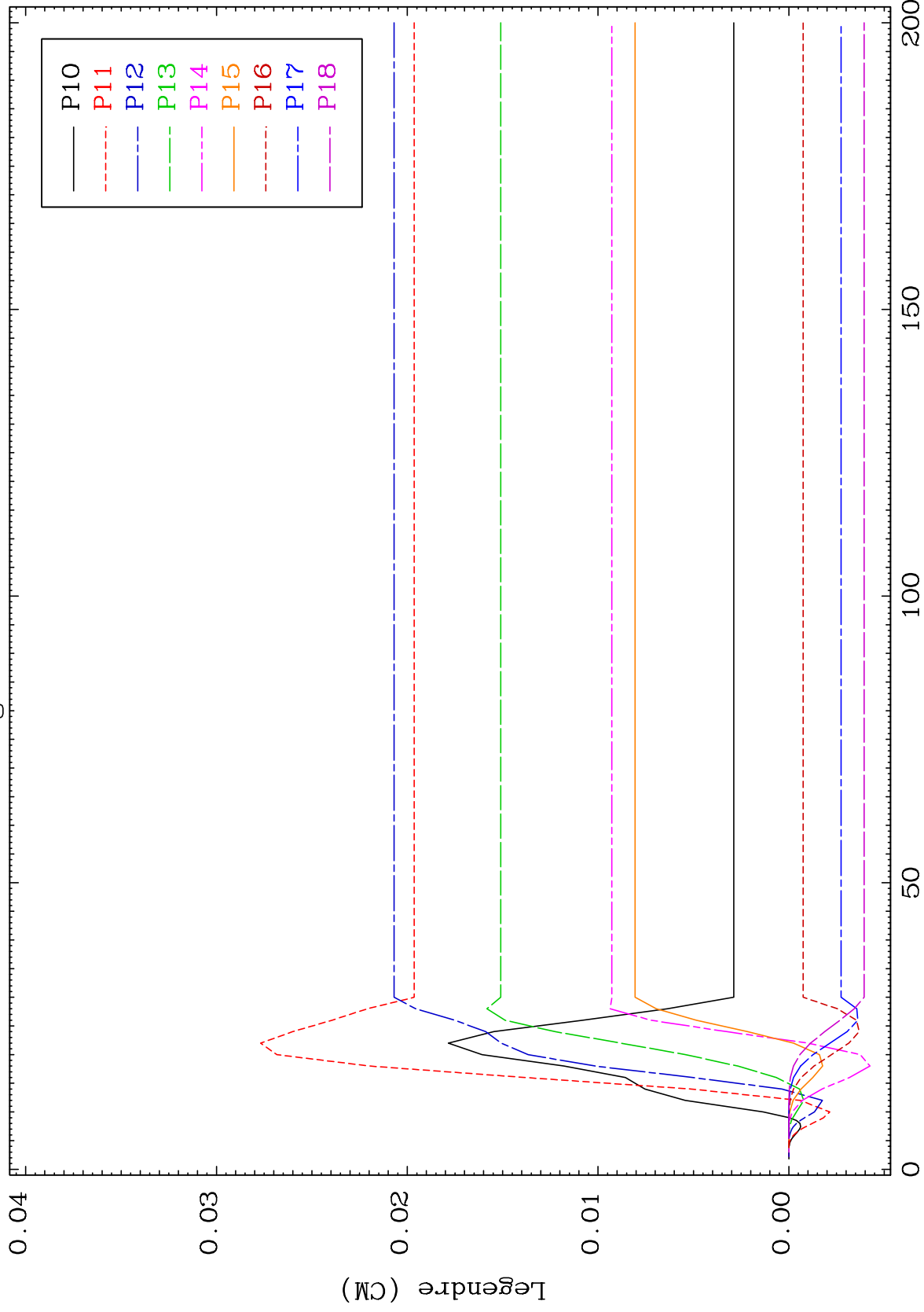
Incident Energy (MeV)

47

MAT 5286

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

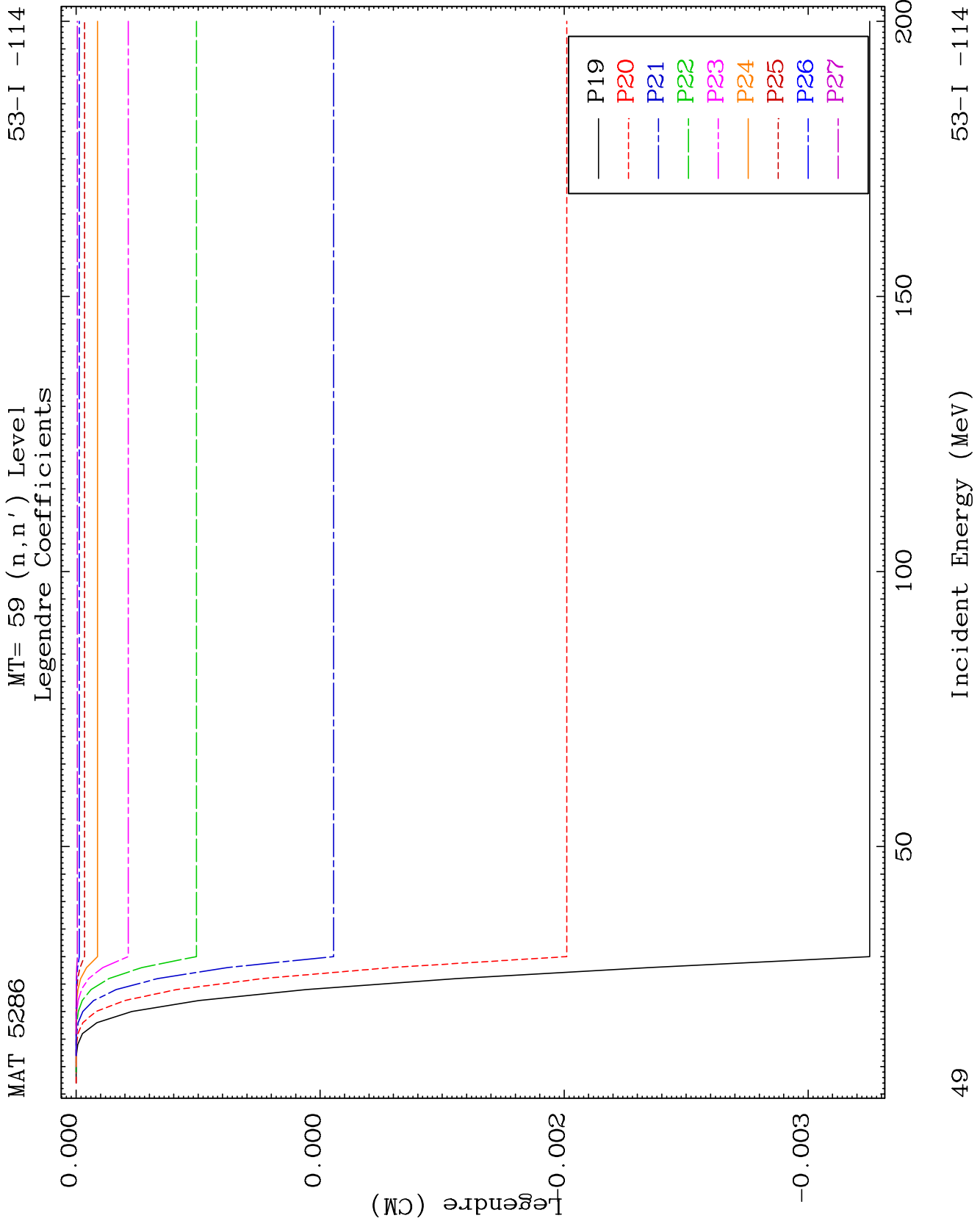
53-I -114

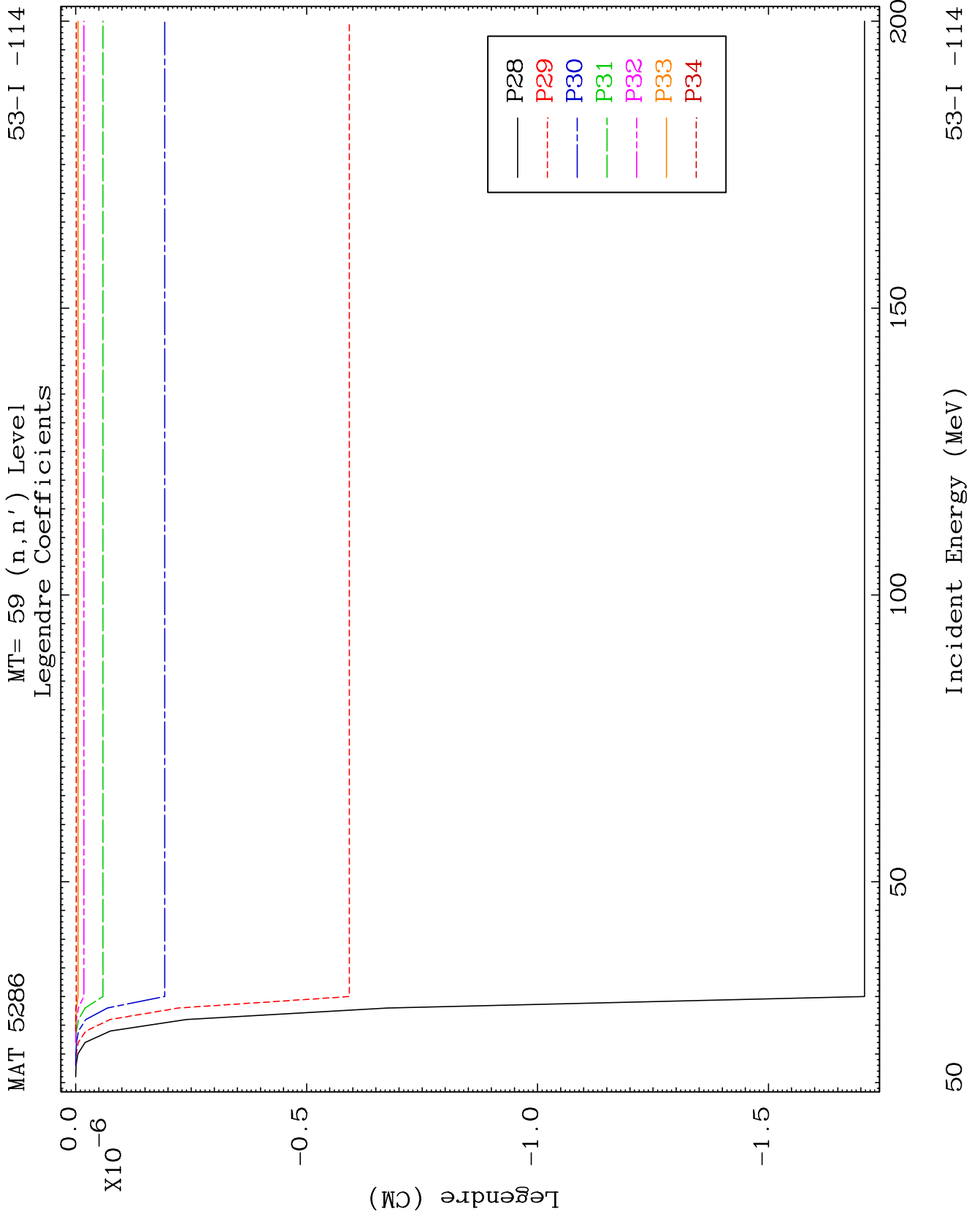


48

Incident Energy (MeV)

53-I -114

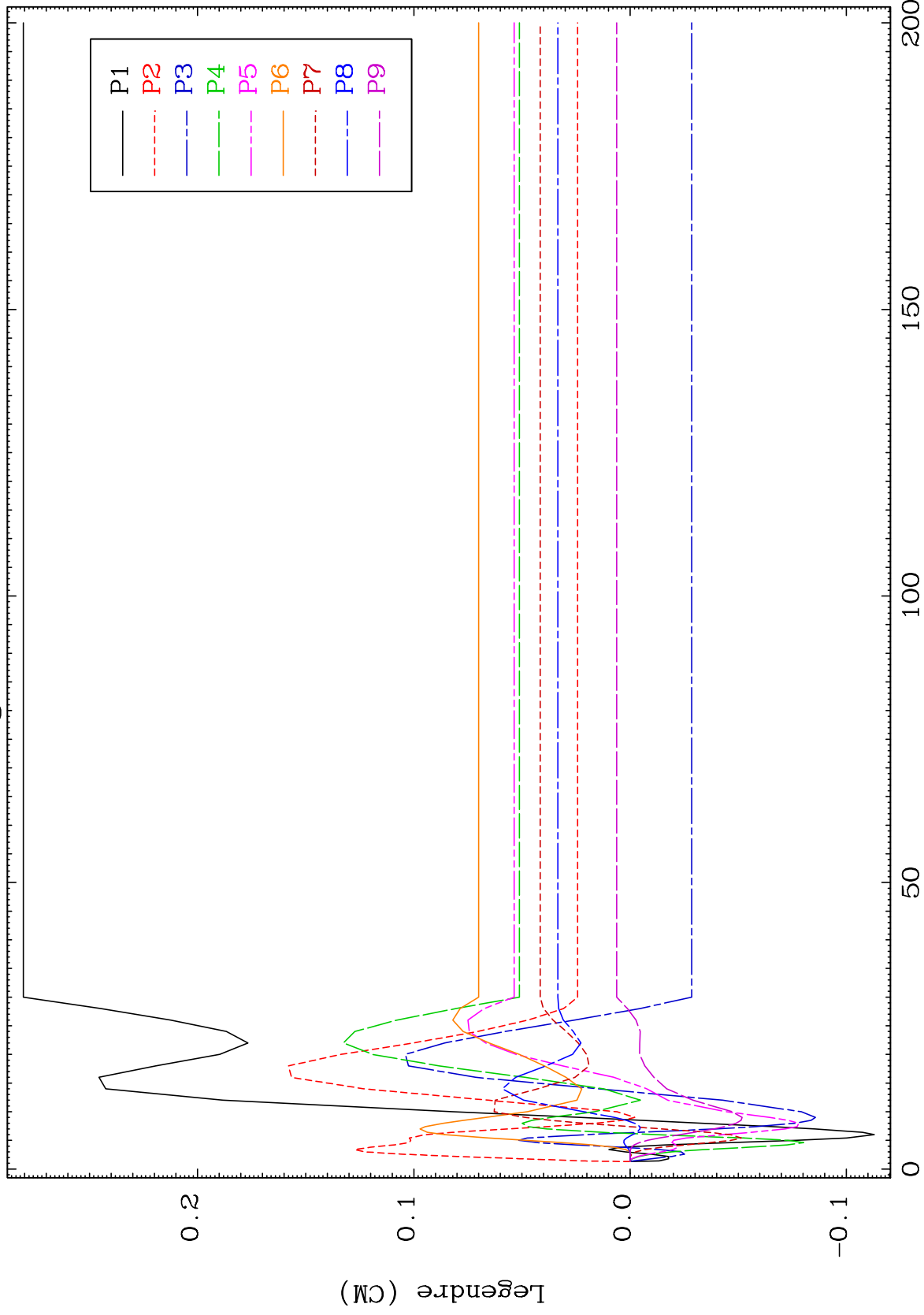




MAT 5286

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

53-I -114



51

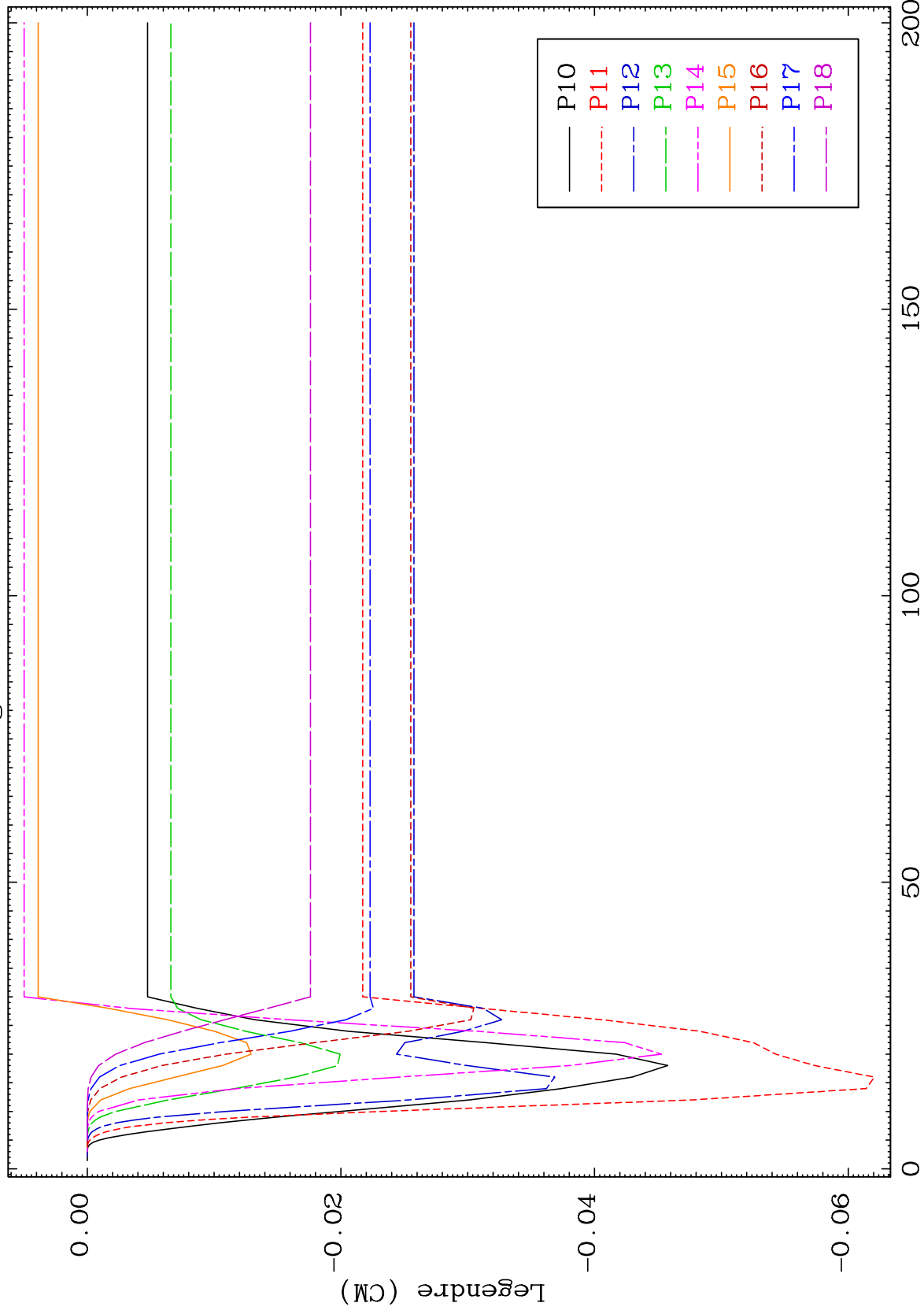
Incident Energy (MeV)

53-I -114

MAT 5286

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

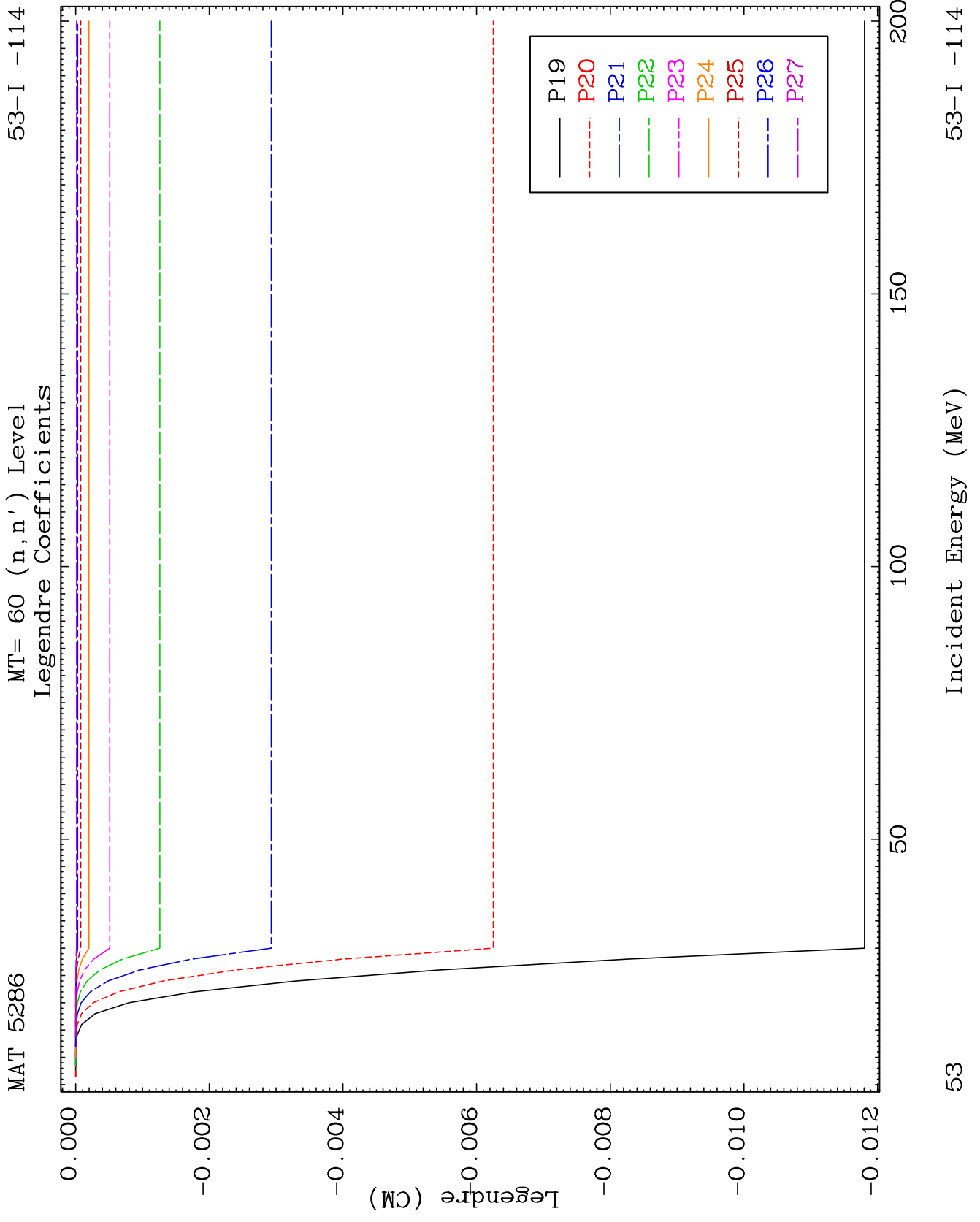
53-I -114



52

Incident Energy (MeV)

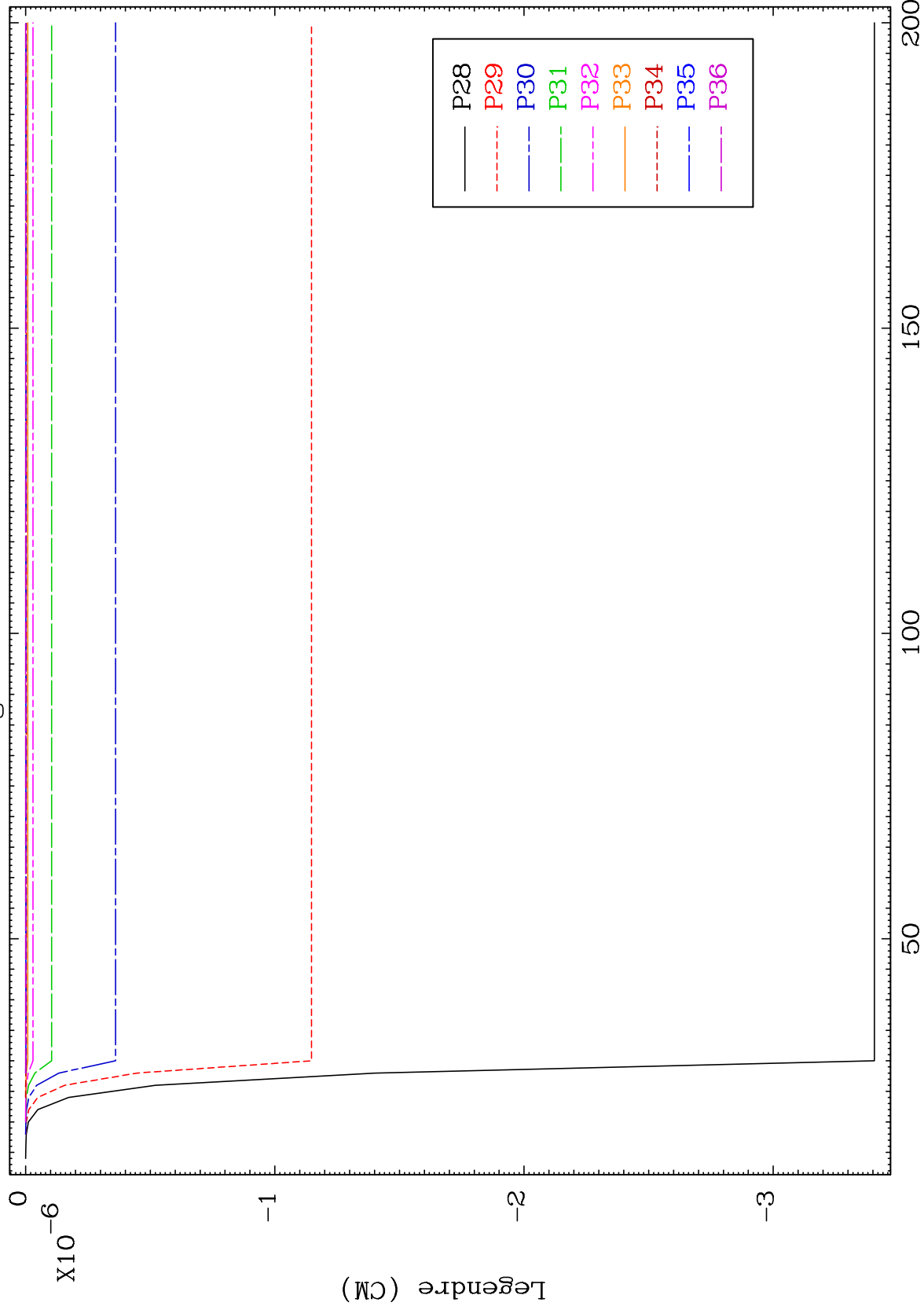
53-I -114



MAT 5286

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

53-I -114



54

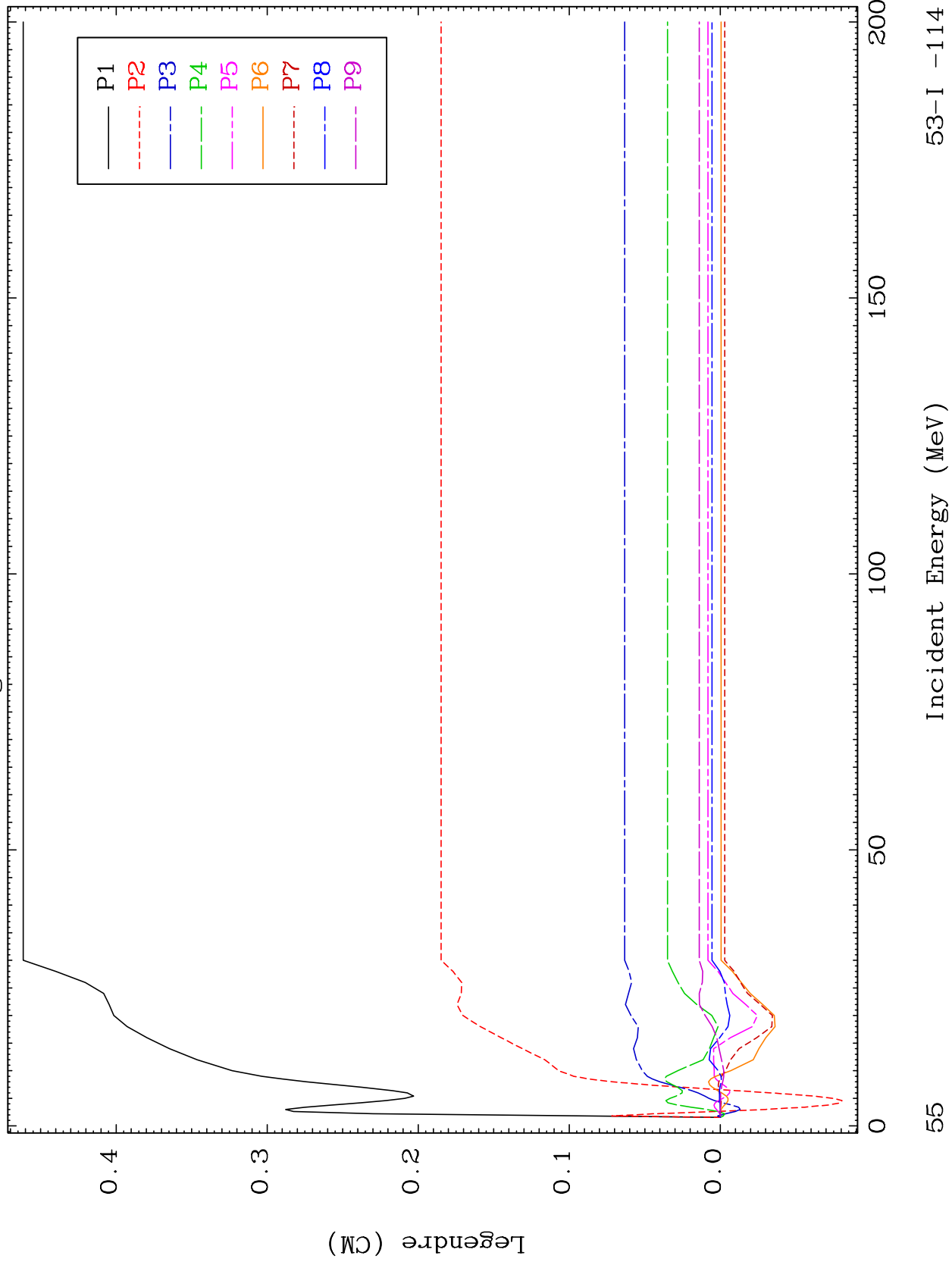
Incident Energy (MeV)

53-I -114

MAT 5286

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

53-I -114



53-I -114

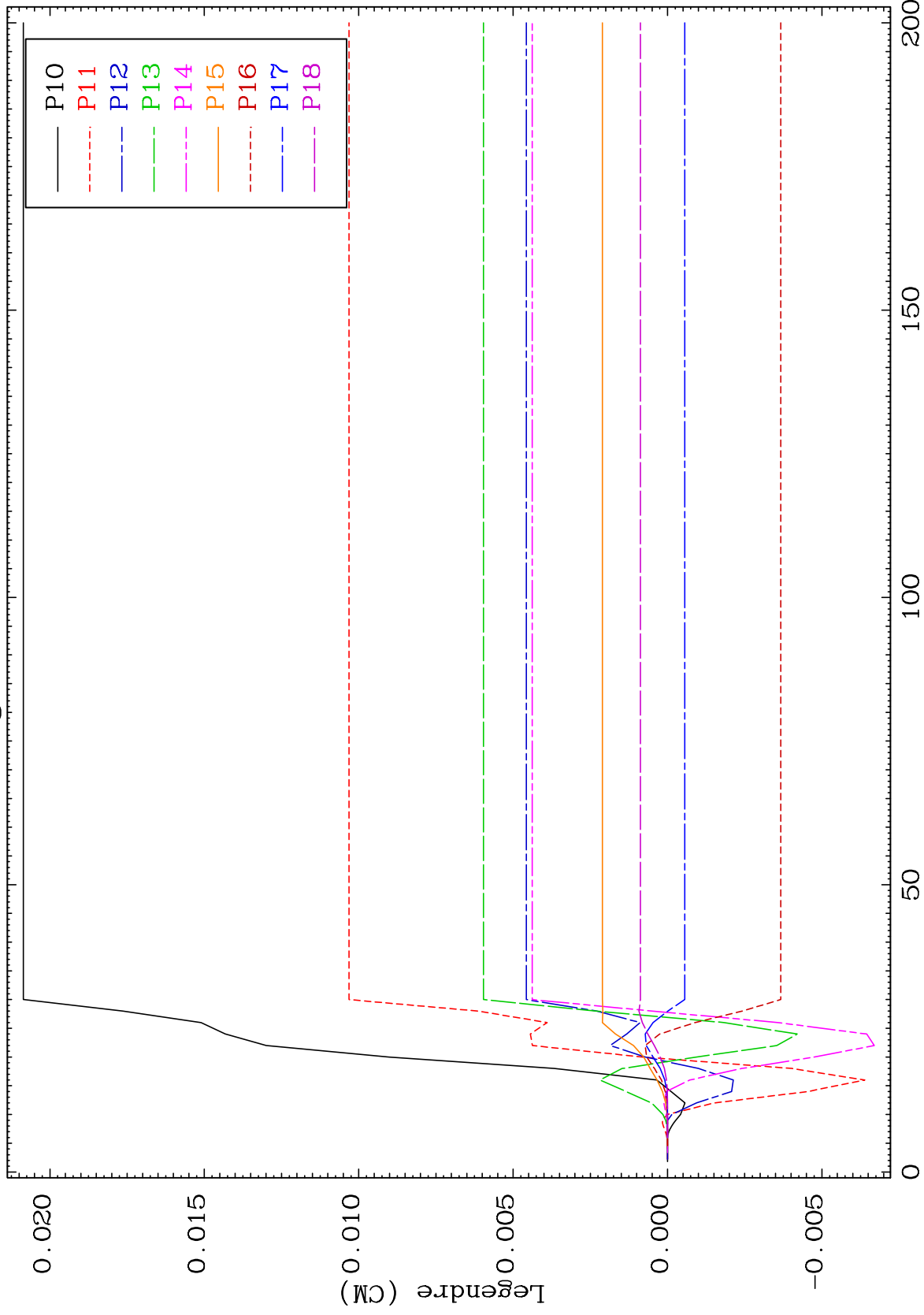
Incident Energy (MeV)

55

MAT 5286

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

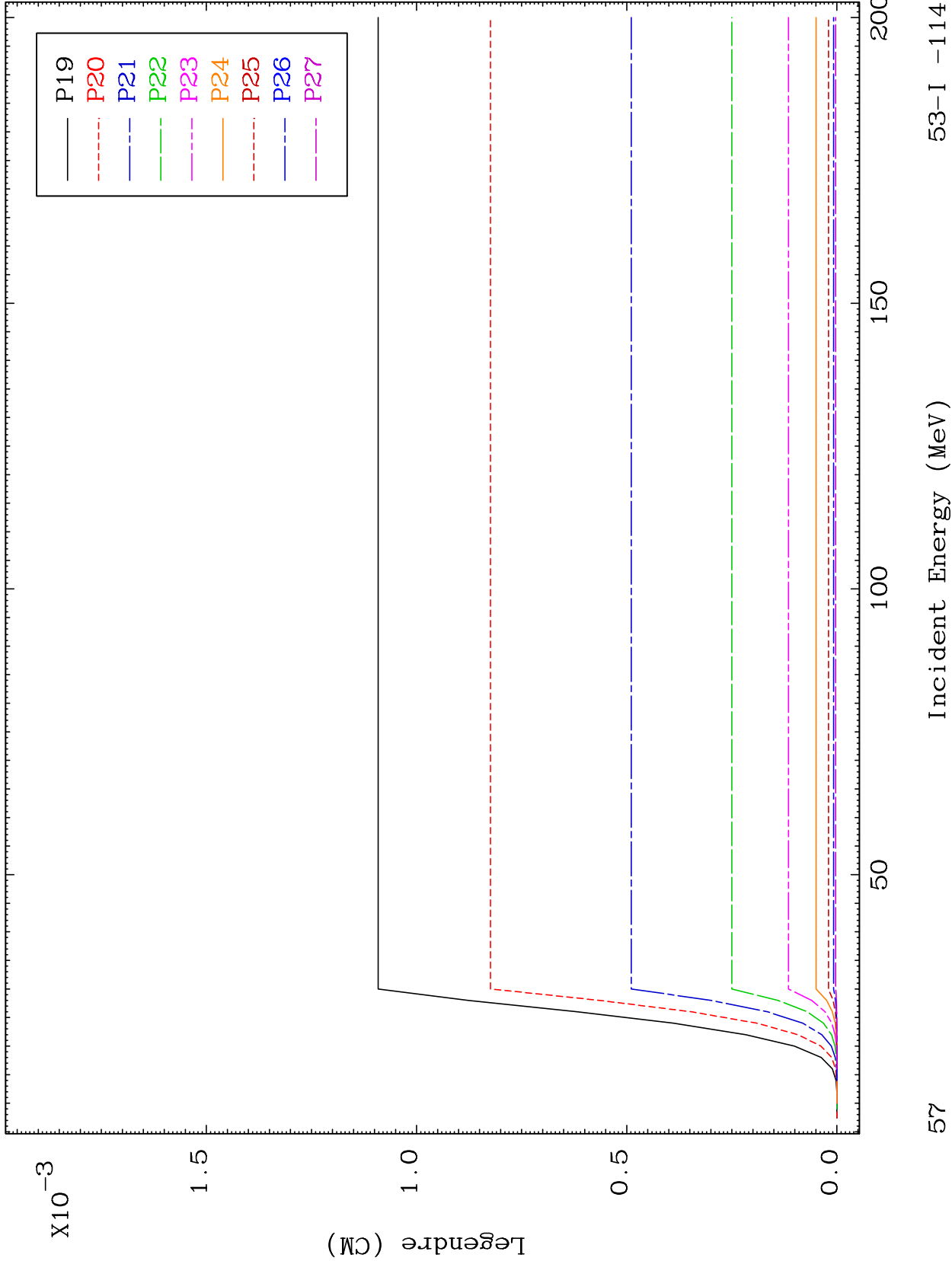
53-I -114

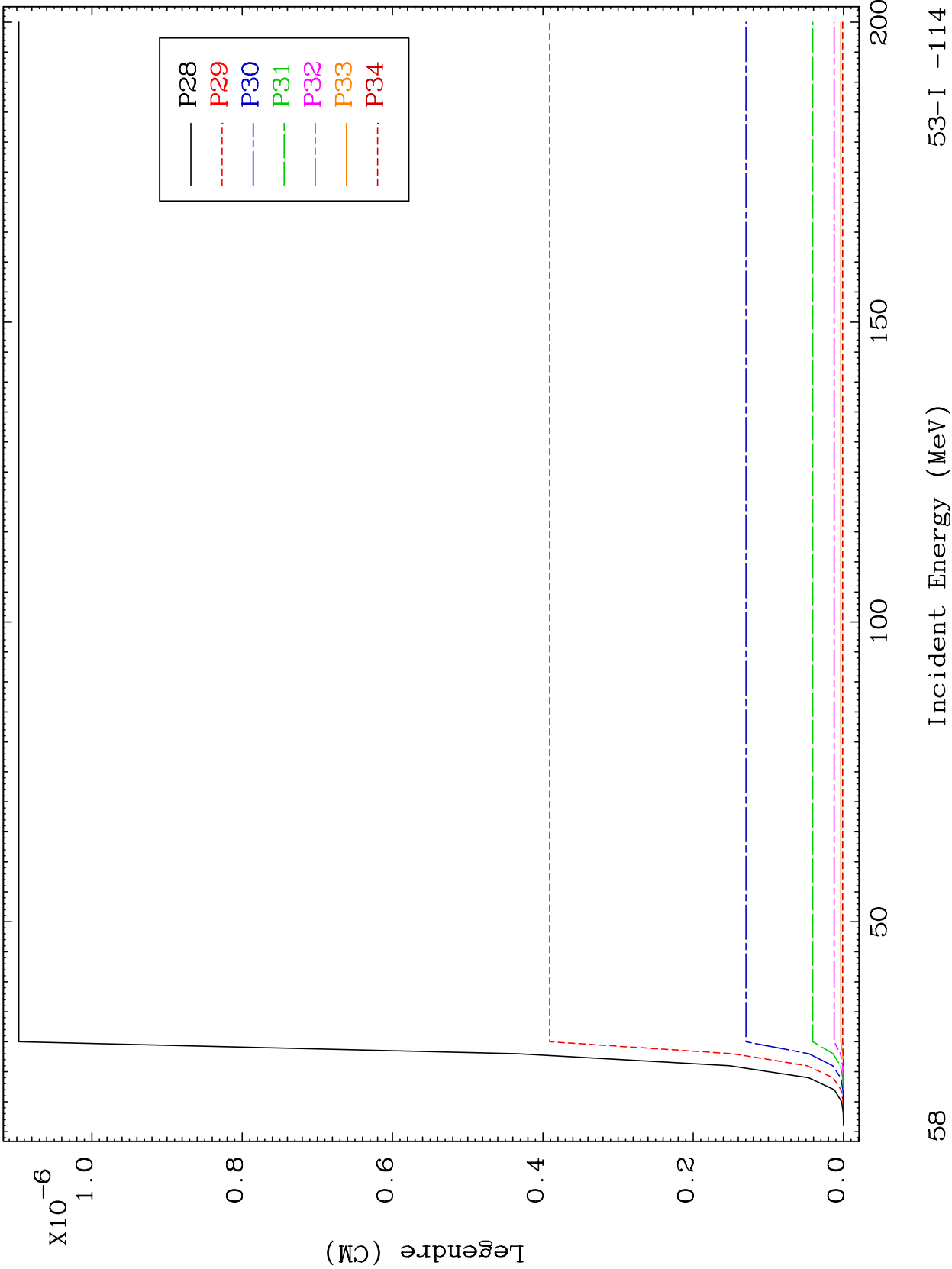


56

Incident Energy (MeV)

53-I -114

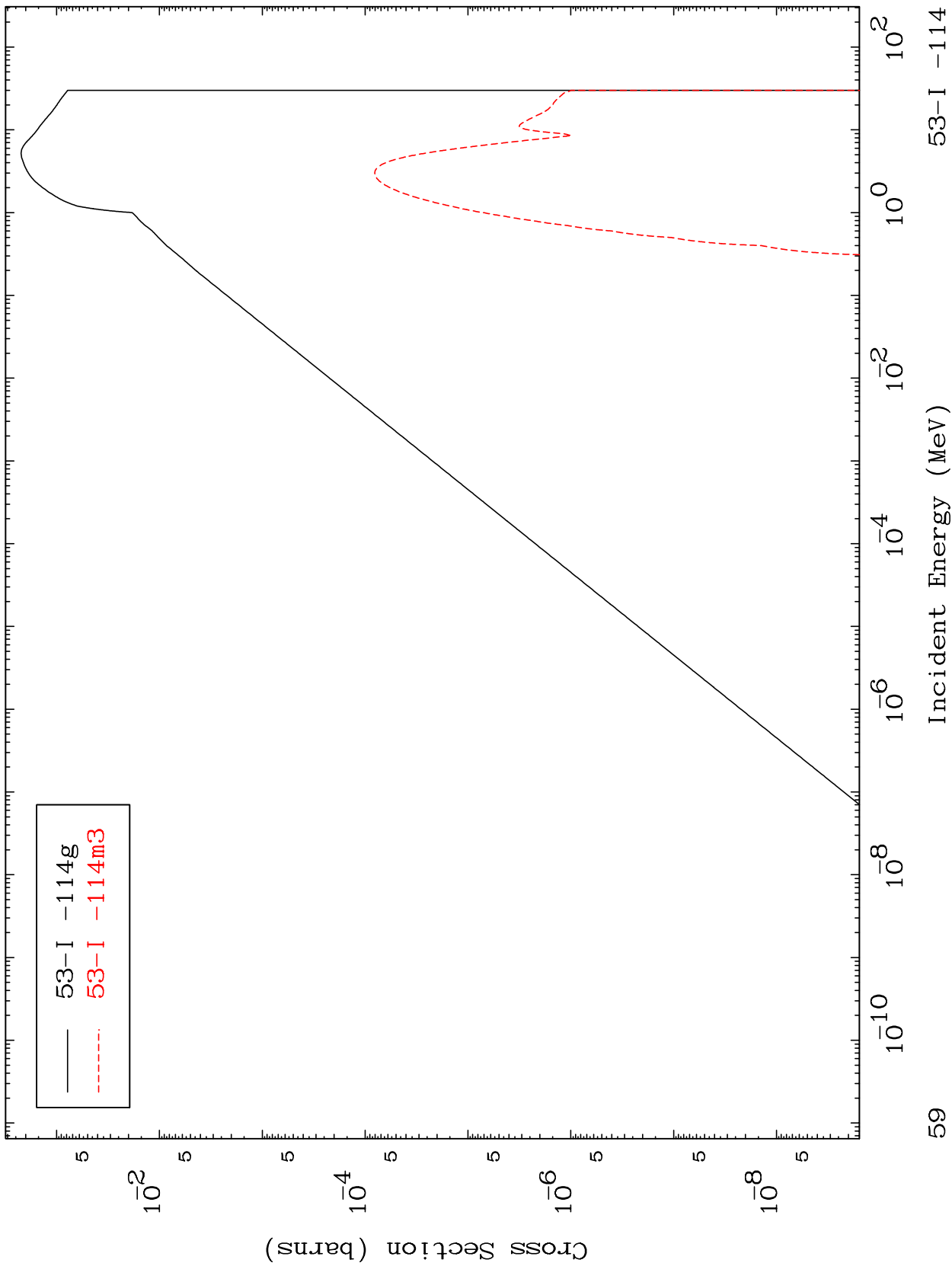




MAT 5286

53-I -114

Inelastic
Radionuclide Production Cross Section



59

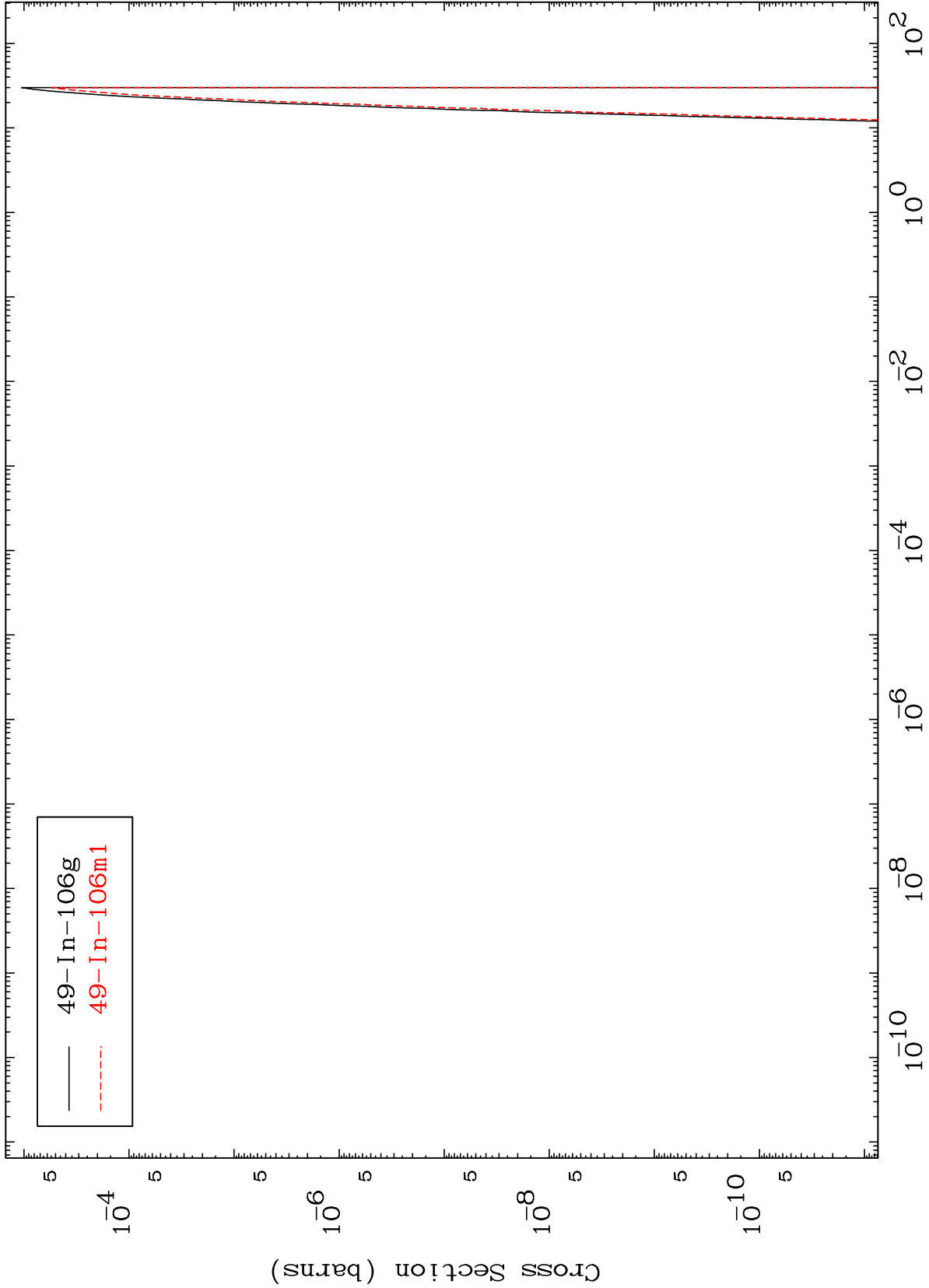
53-I -114

MAT 5286

(n,n') 2α

53-I -114

Radionuclide Production Cross Section



60

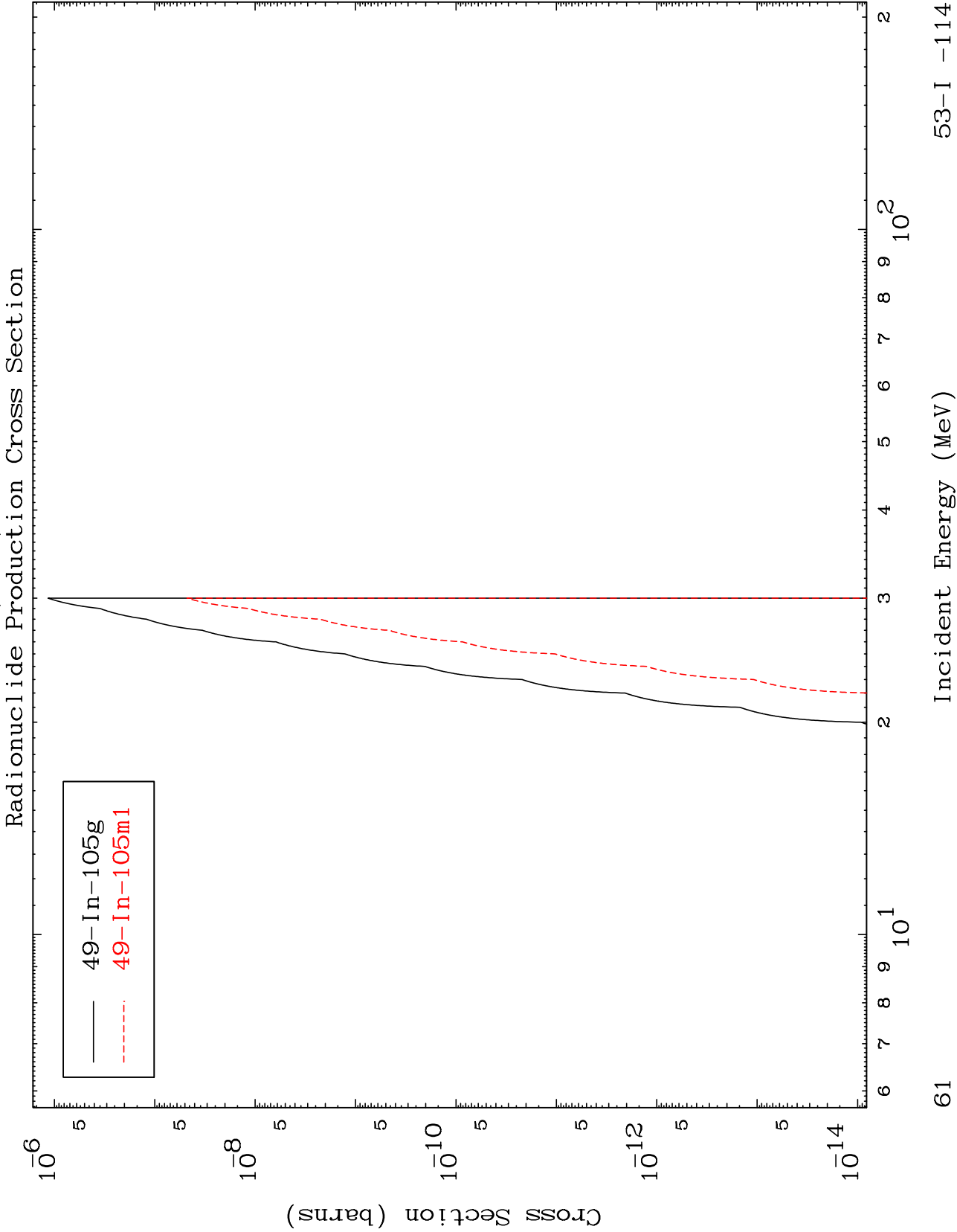
Incident Energy (MeV)

53-I -114

MAT 5286

(n,2n) 2α

53-I -114



61

Incident Energy (MeV)

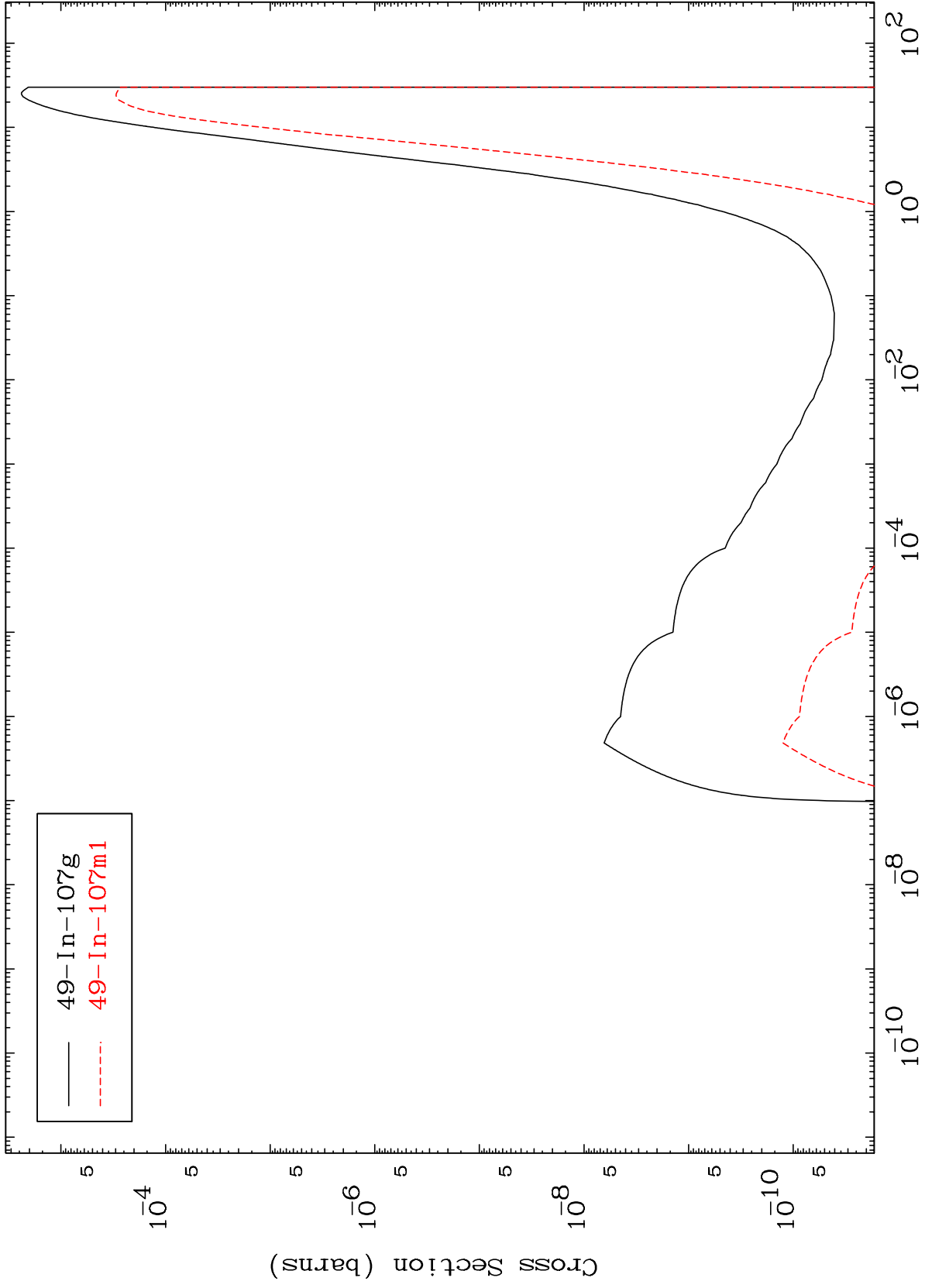
53-I -114

MAT 5286

(n,2α)

53-I -114

Radionuclide Production Cross Section



— 49-I-107g
- - - 49-I-107m1

62

Incident Energy (MeV)

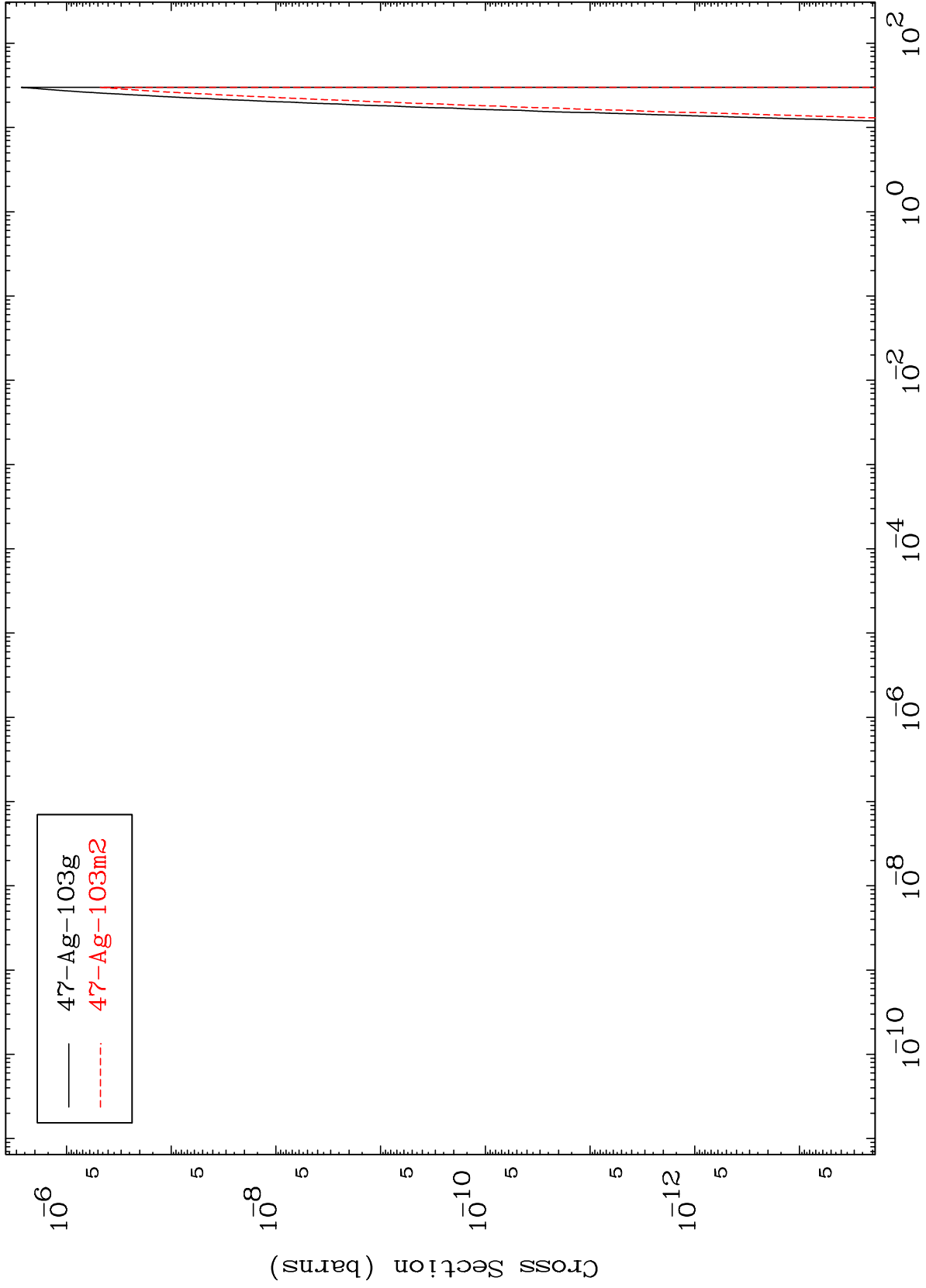
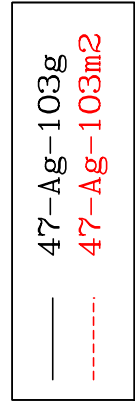
53-I -114

MAT 5286

(n,3α)

53-I -114

Radionuclide Production Cross Section



63

Incident Energy (MeV)

53-I -114