

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

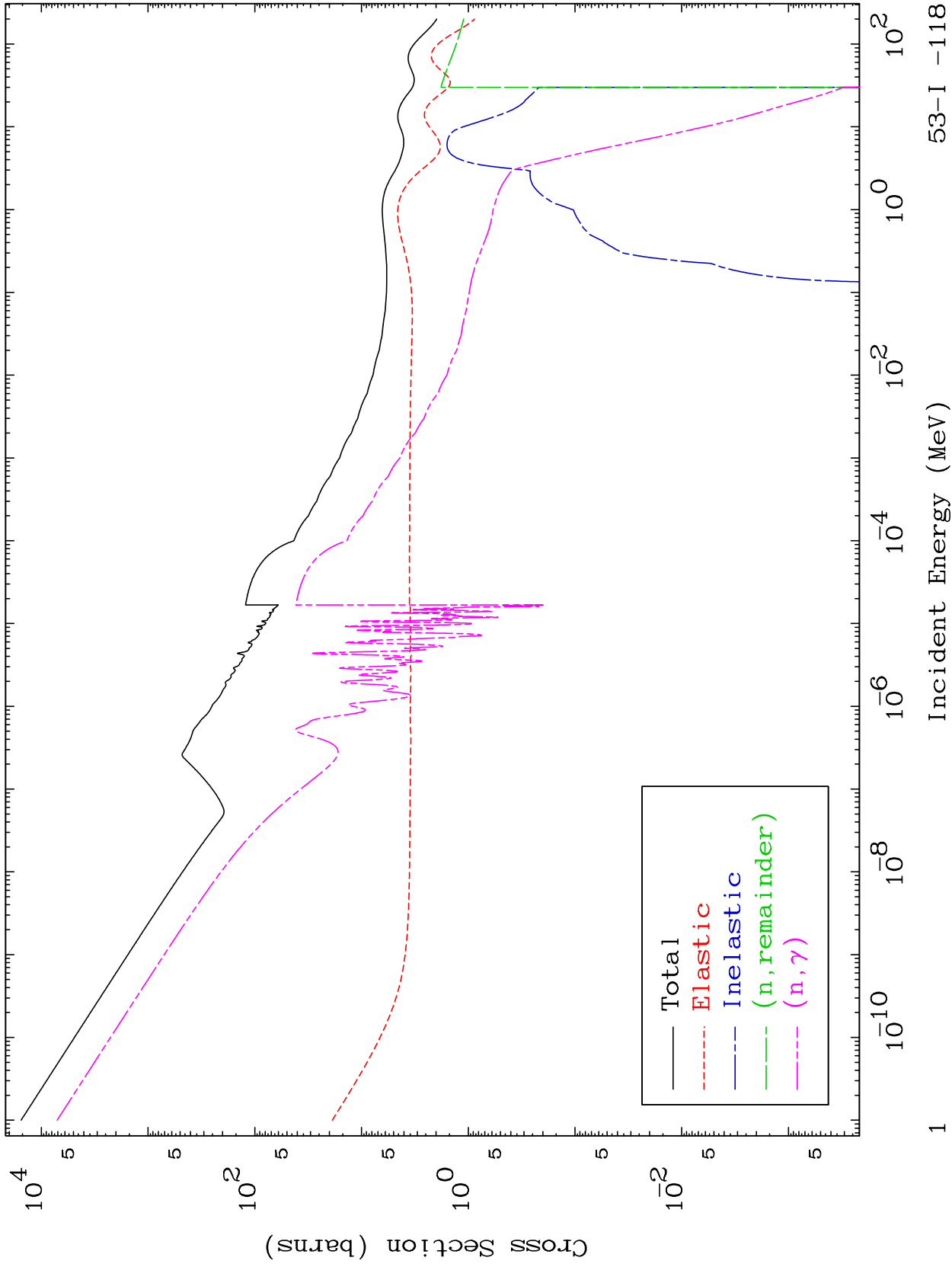
Press Mouse Button to Start

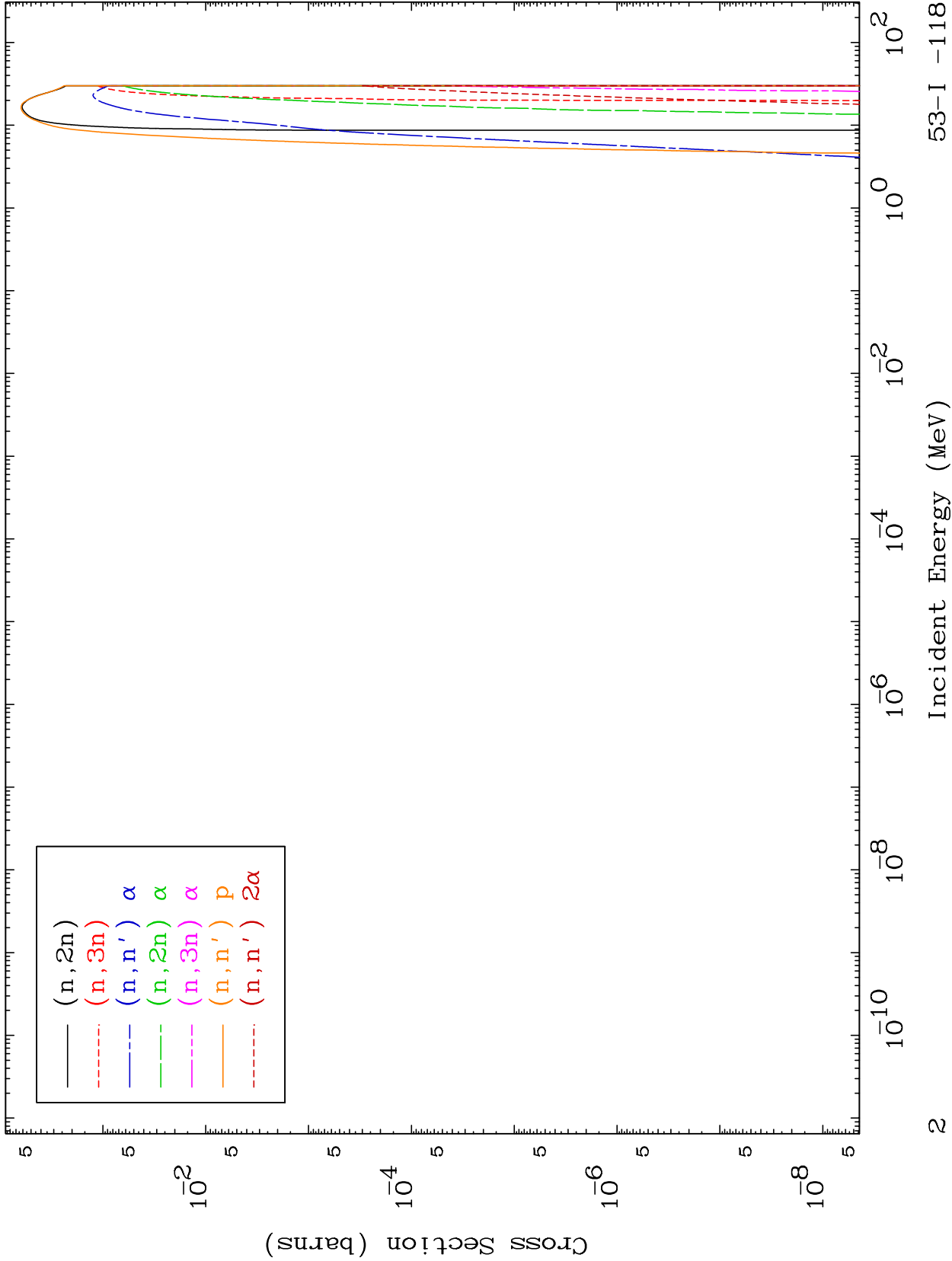
MAT 5298

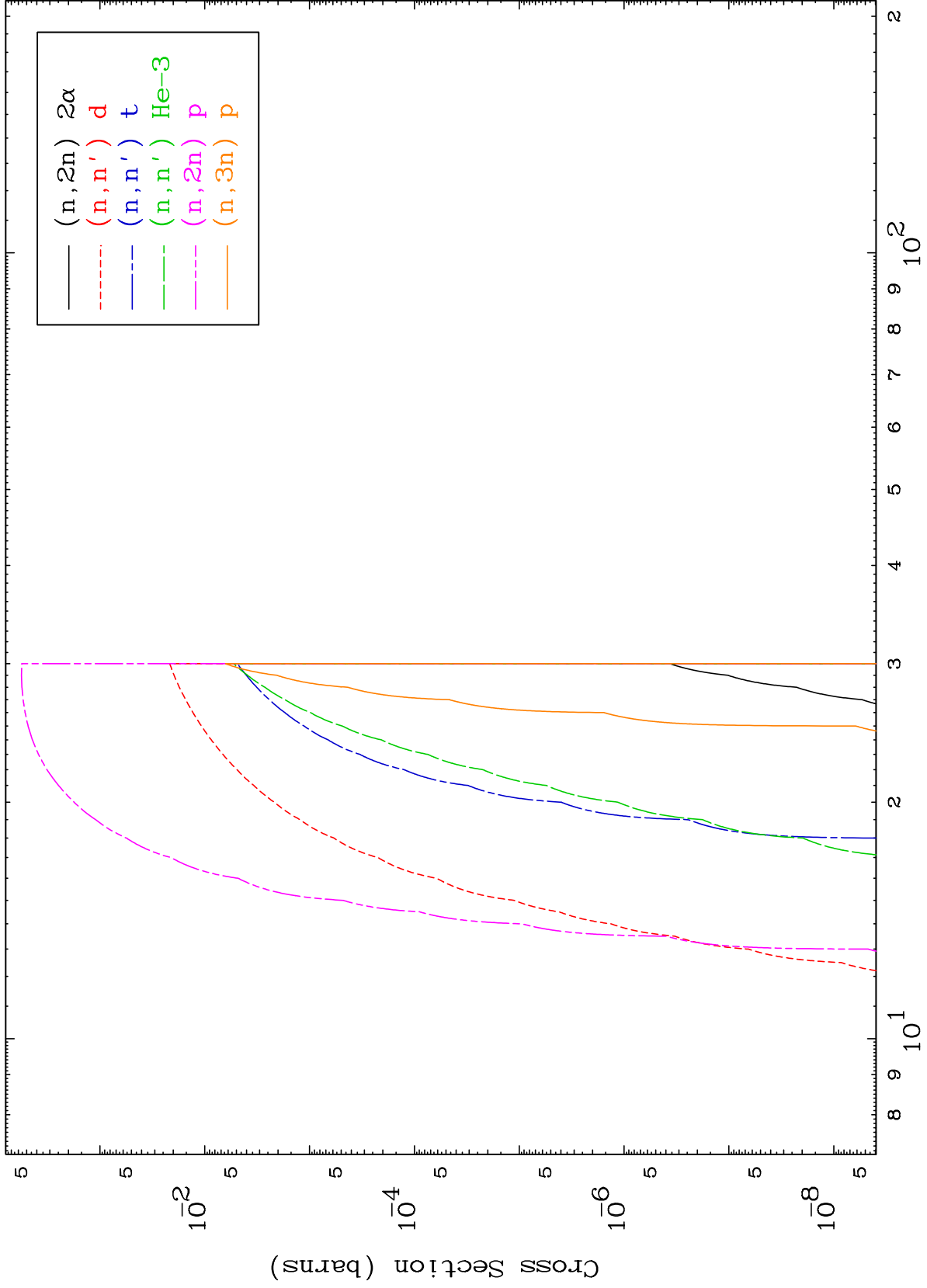
Major

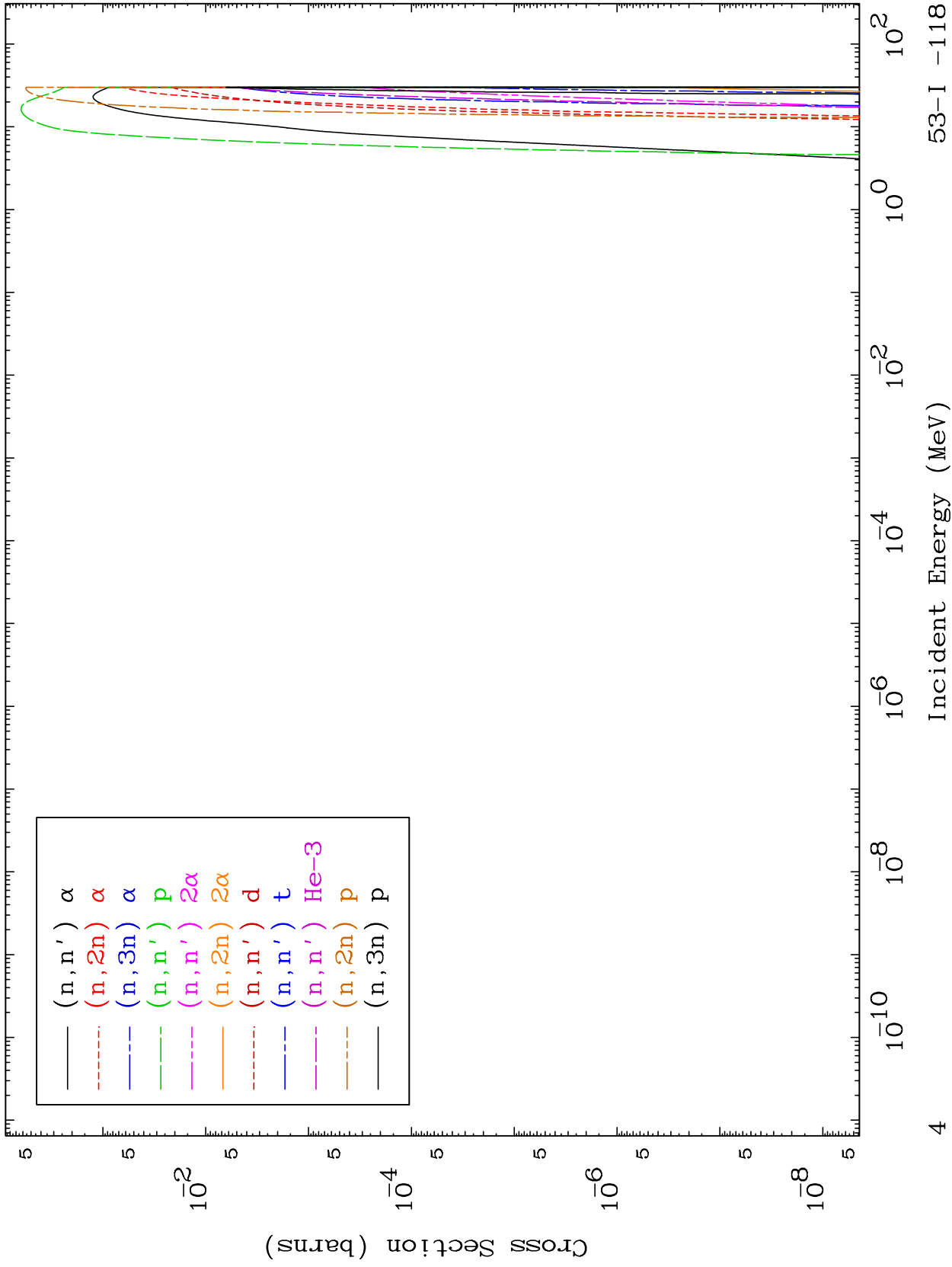
293 Kelvin Cross Sections

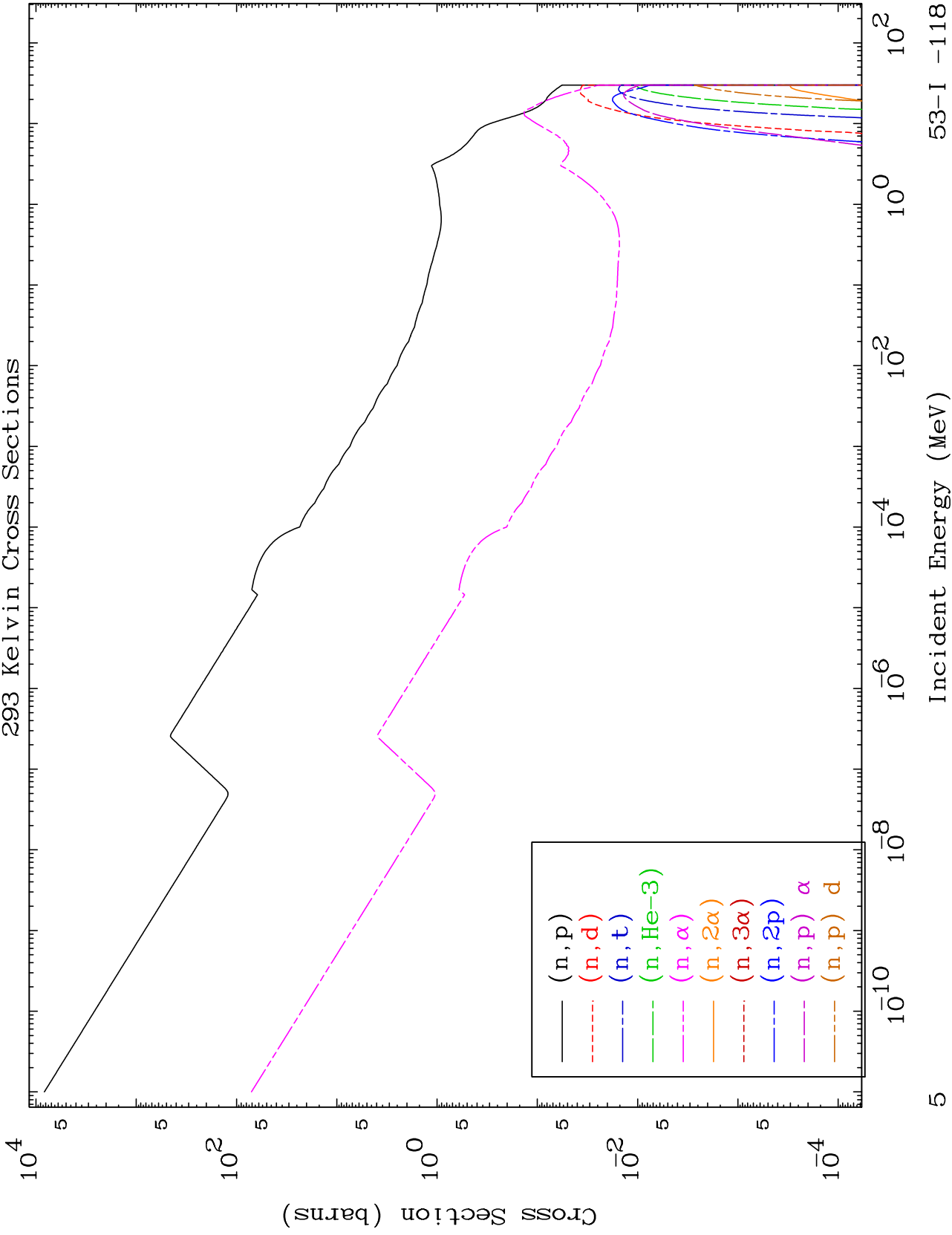
53-I -118

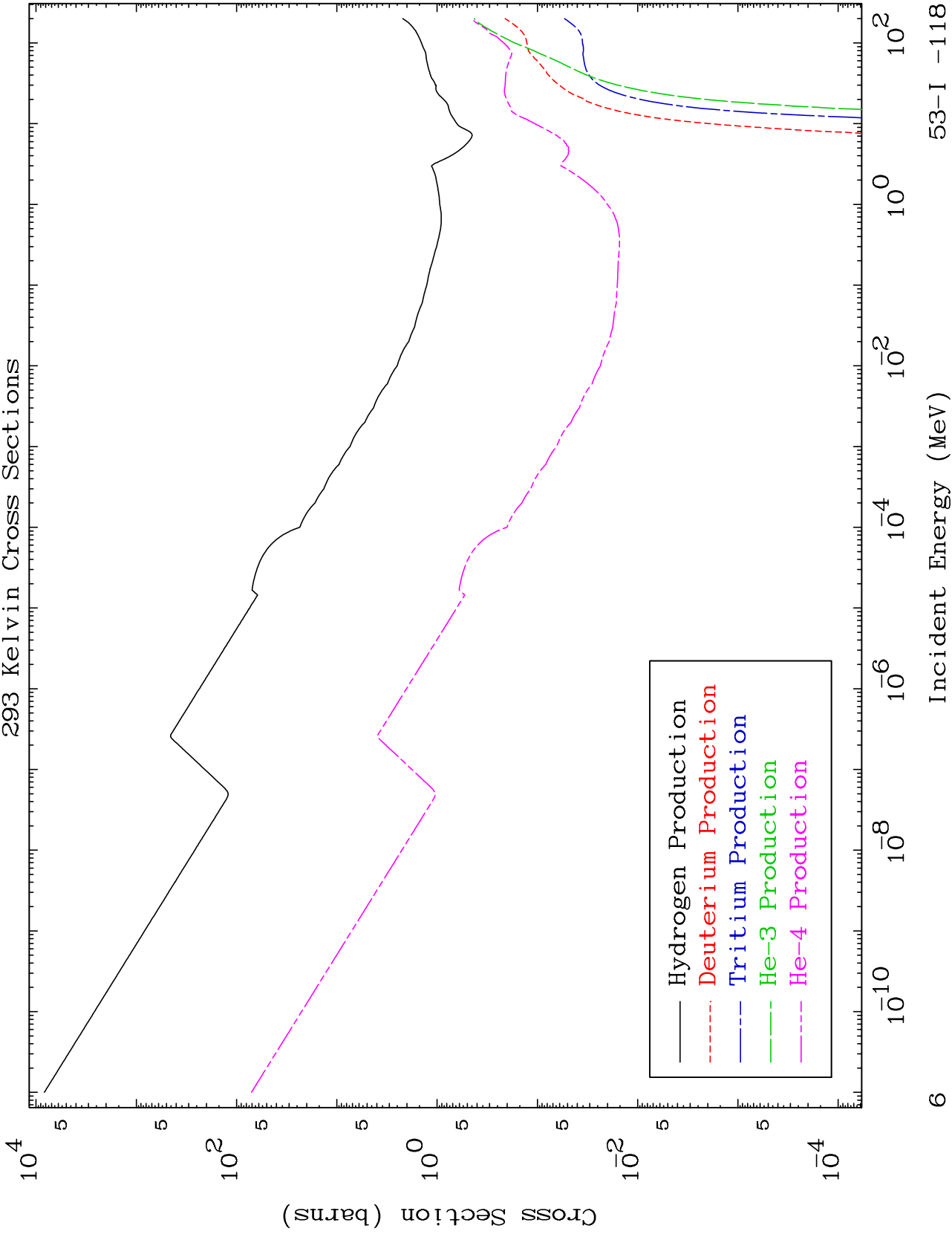


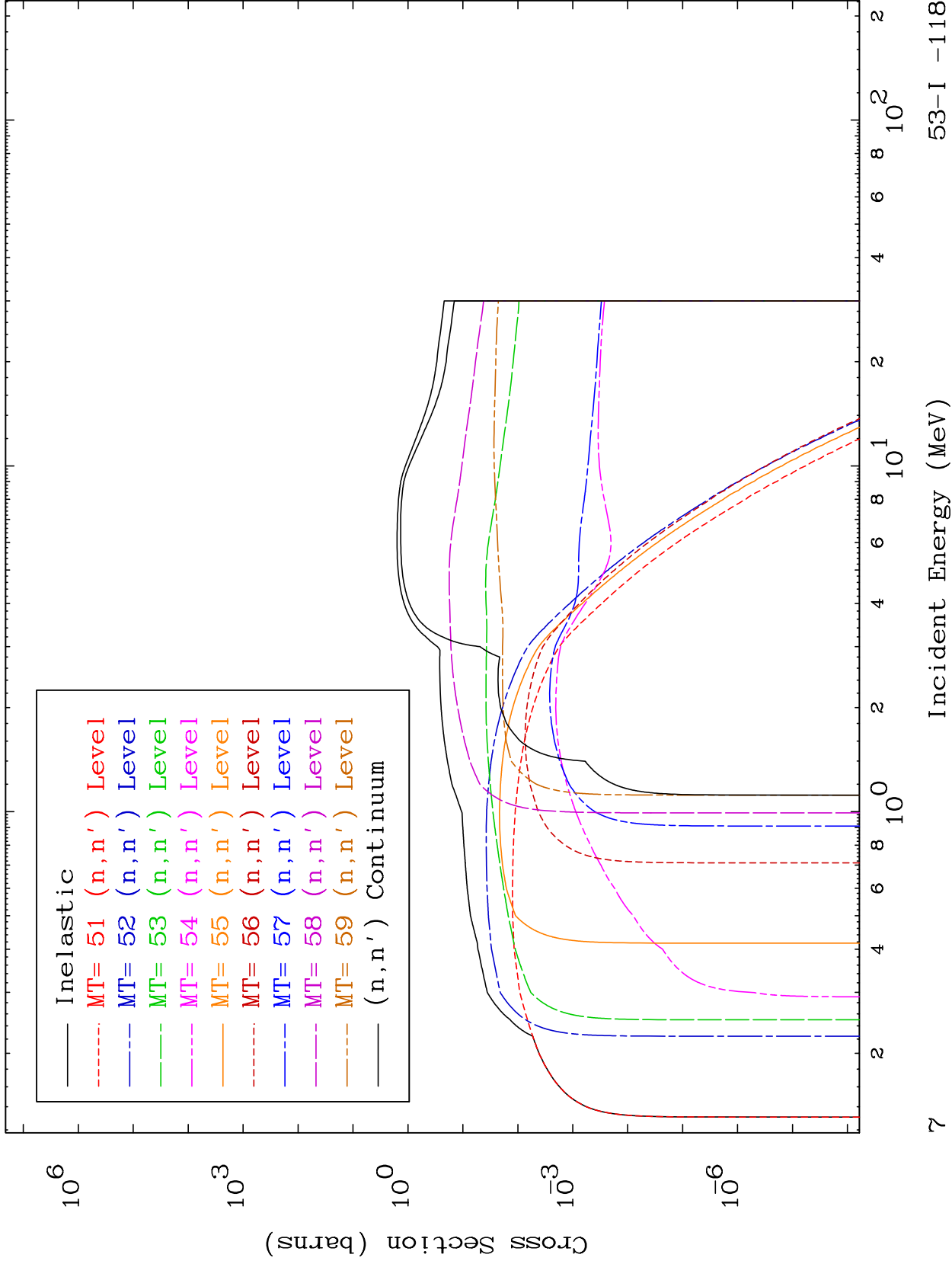










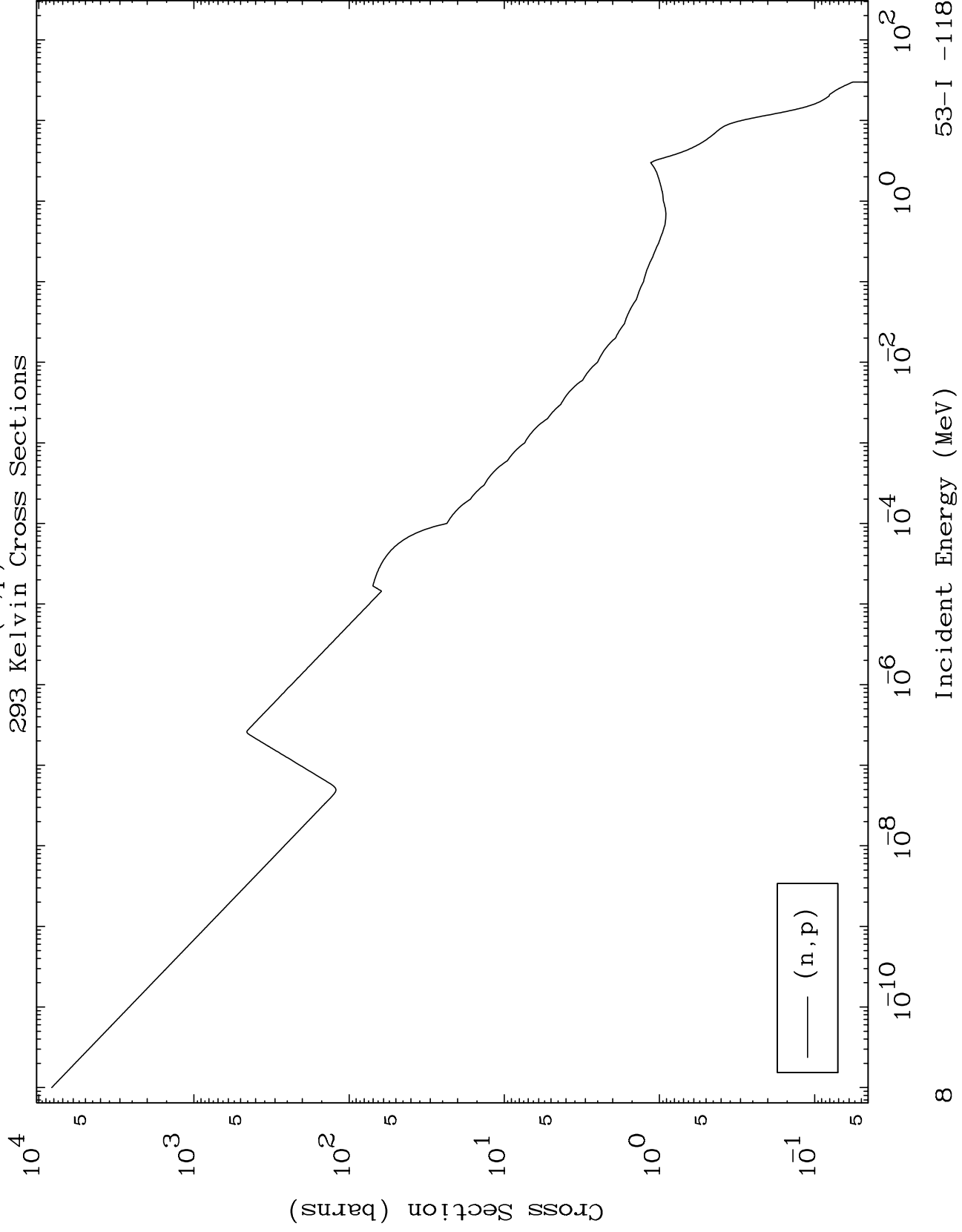




MAT 5298

(n,p) Levels  
293 Kelvin Cross Sections

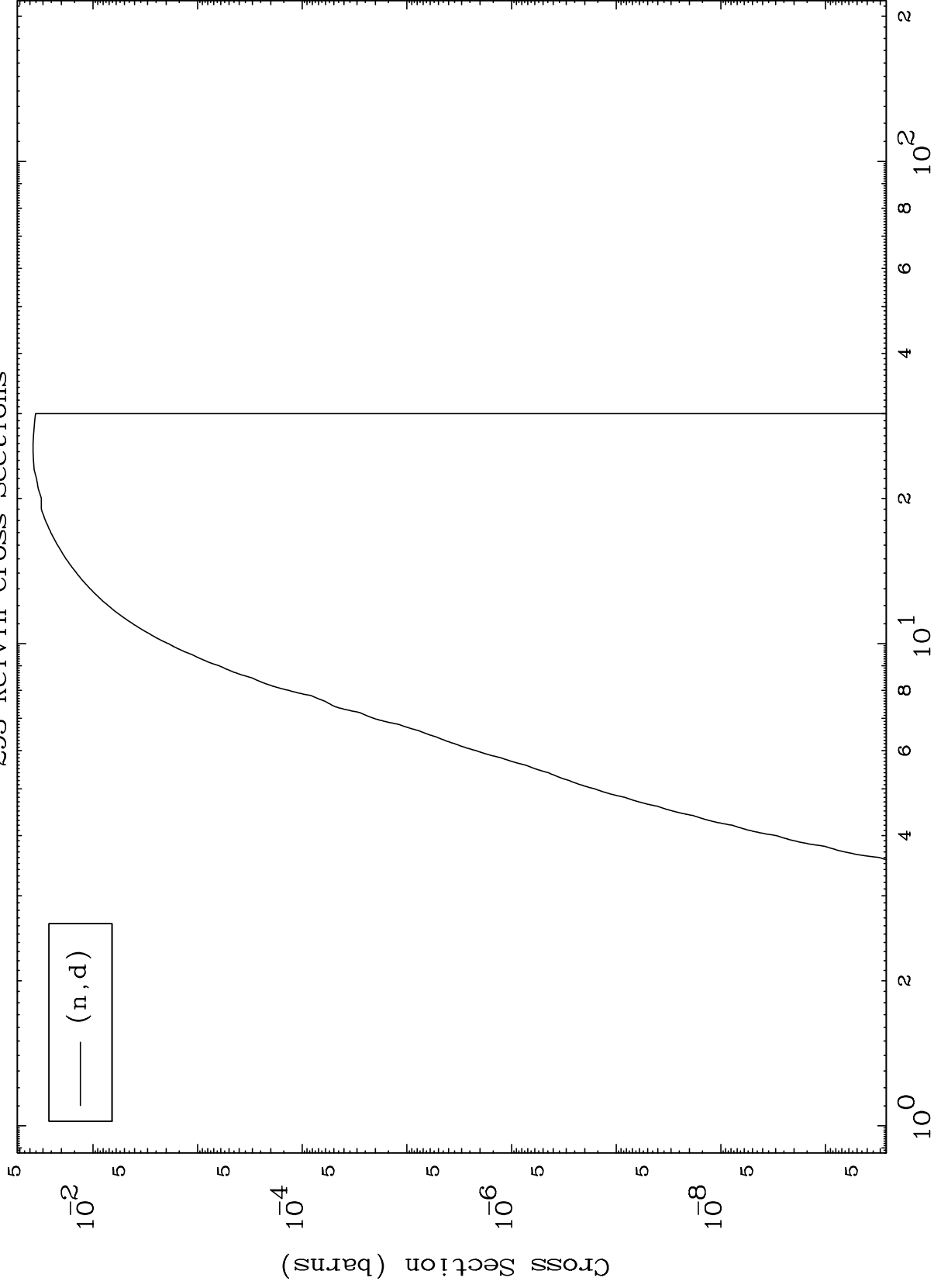
53-I -118



MAT 5298

(n,d) Levels  
293 Kelvin Cross Sections

53-I -118



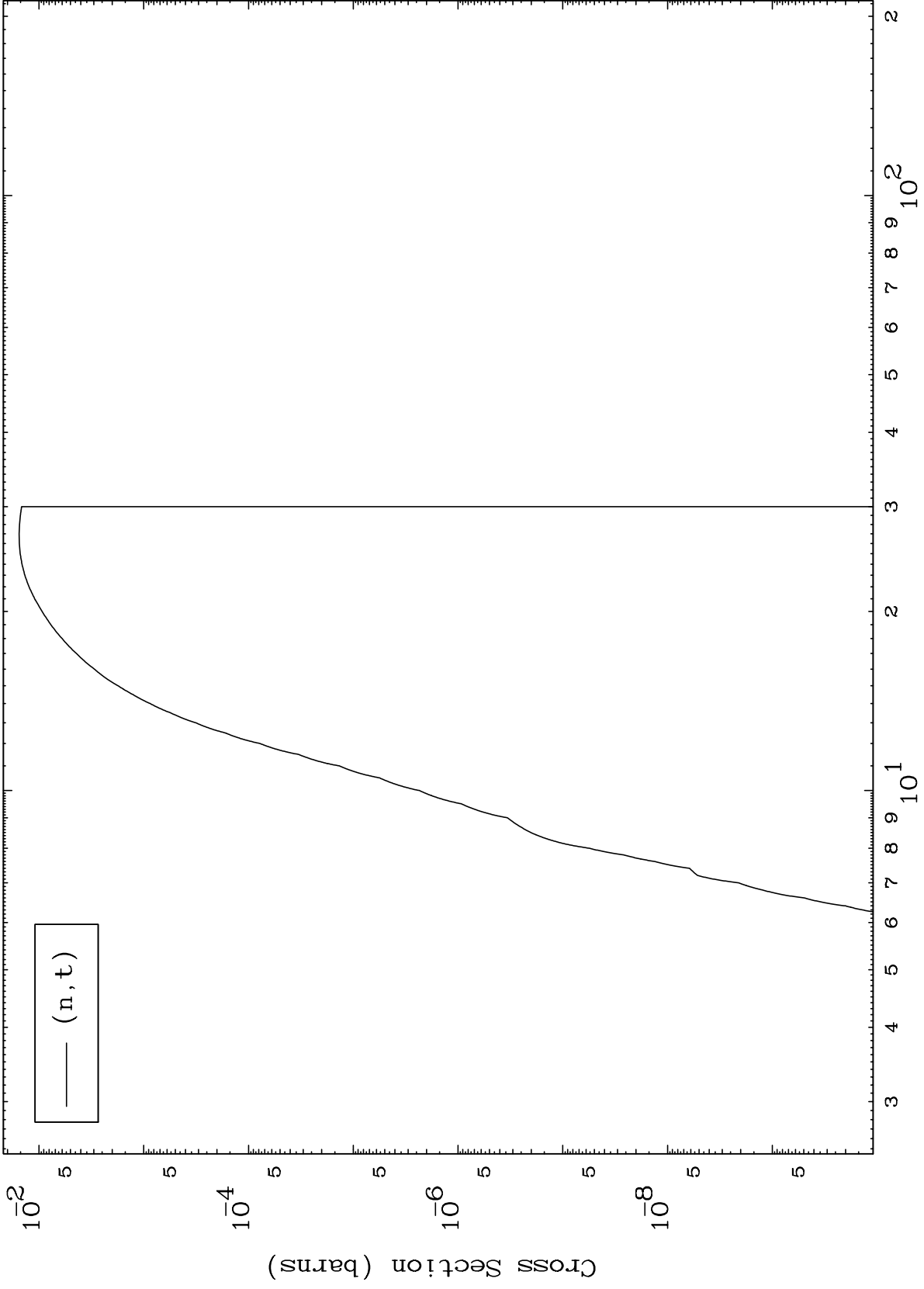
Incident Energy (MeV)

53-I -118

MAT 5298

(n,t) Levels  
293 Kelvin Cross Sections

53-I -118



10

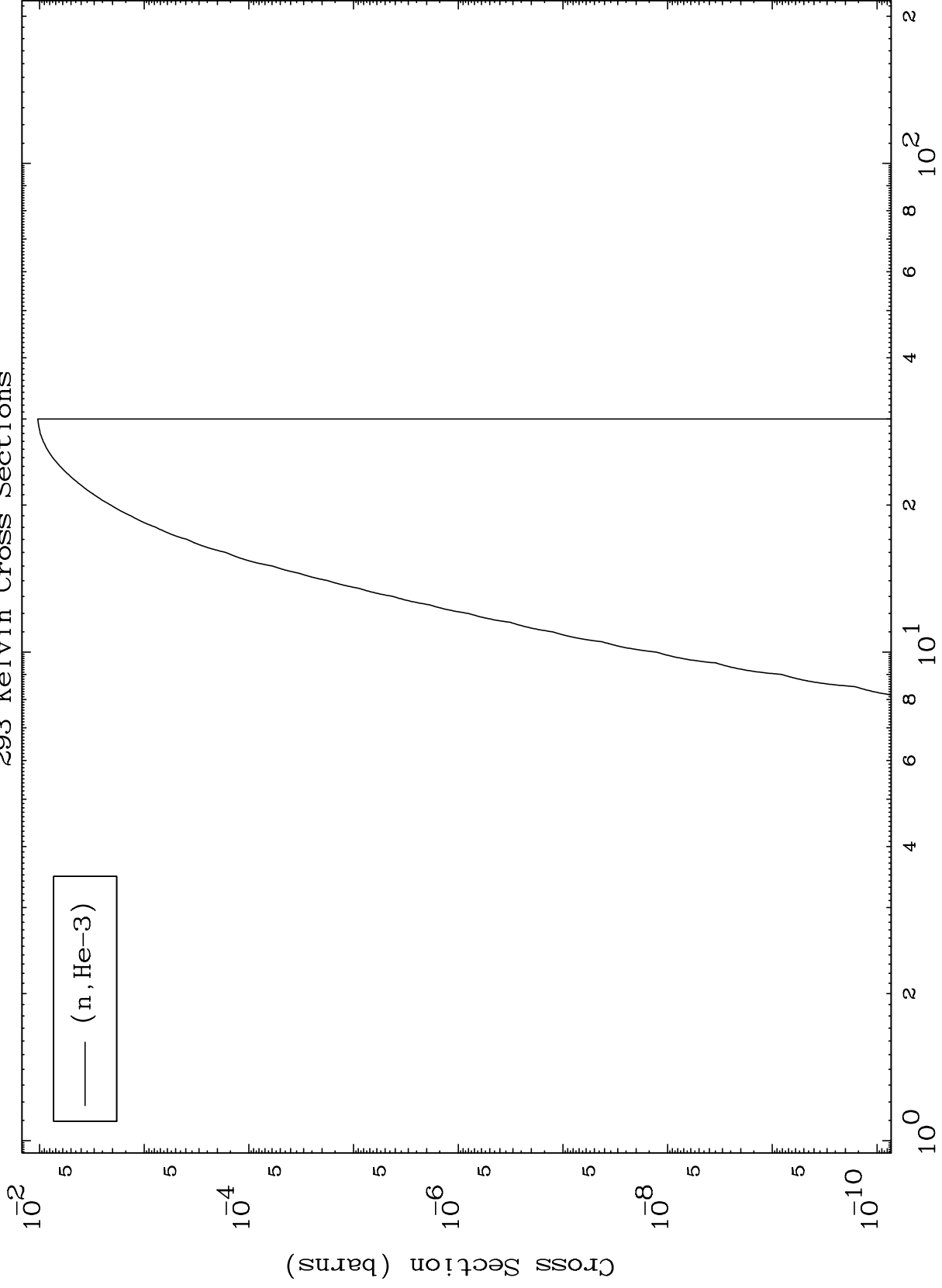
Incident Energy (MeV)

53-I -118

MAT 5298

(n,He3) Levels  
293 Kelvin Cross Sections

53-I -118



11

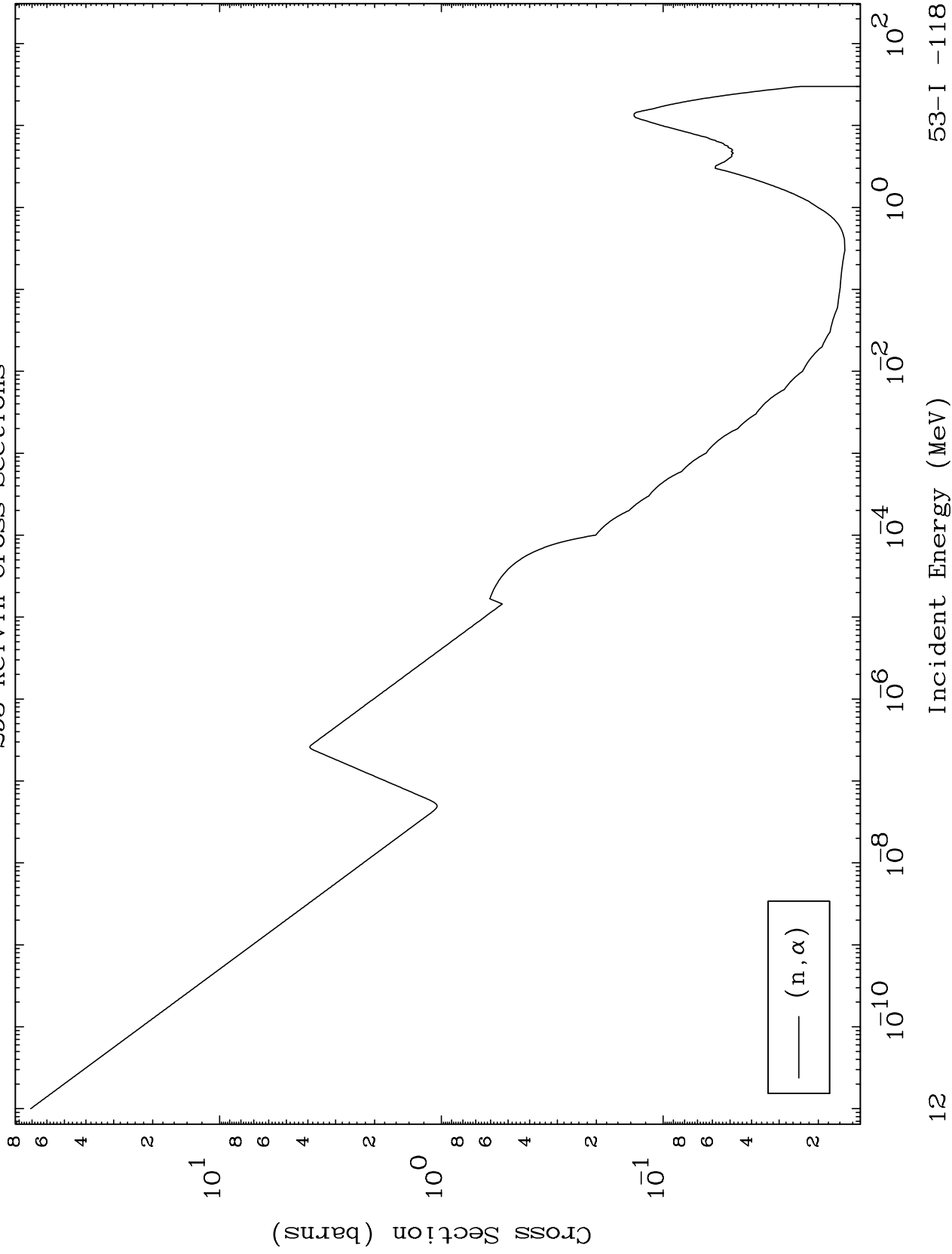
Incident Energy (MeV)

53-I -118

MAT 5298

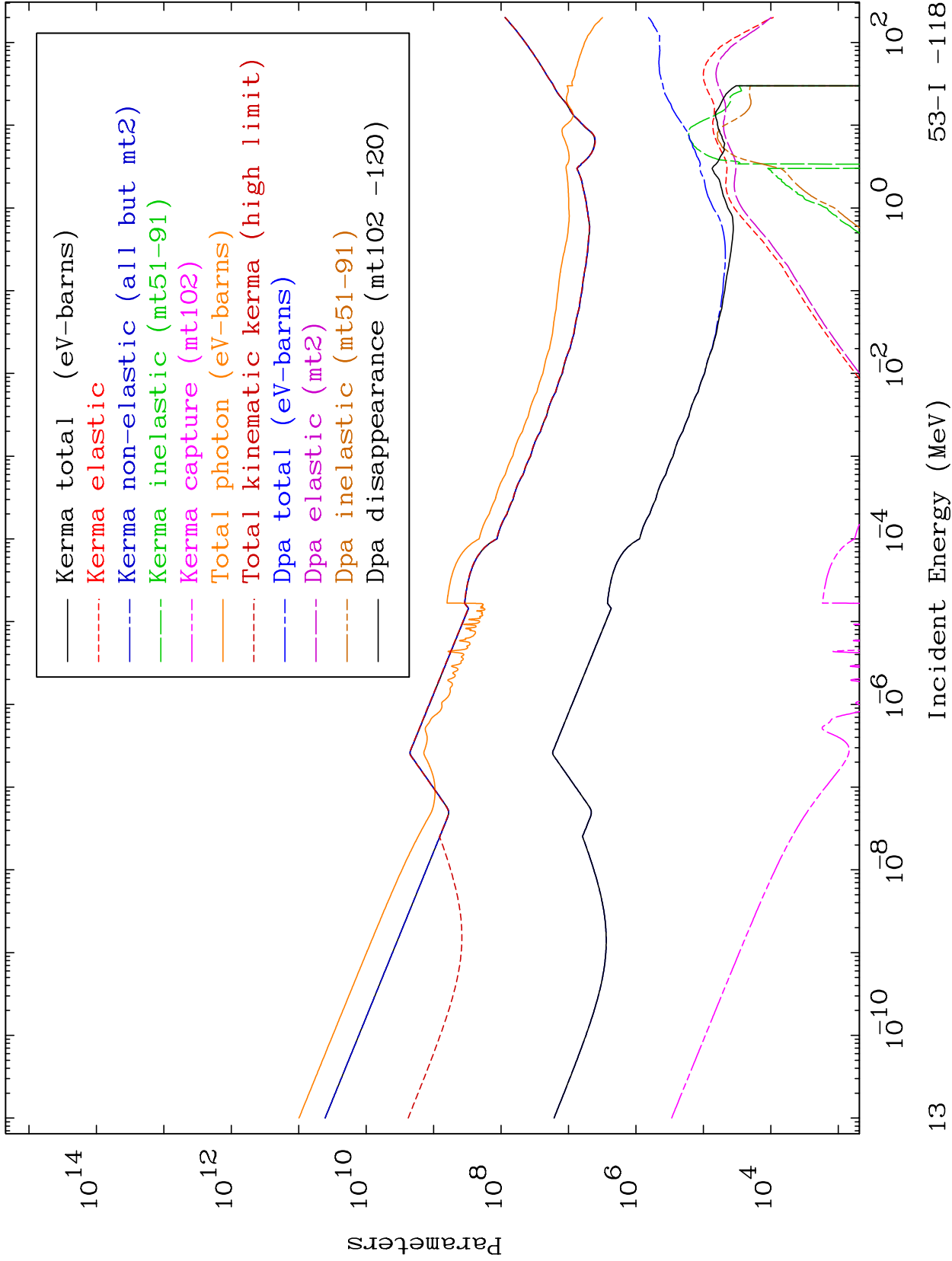
(n,α) Levels  
293 Kelvin Cross Sections

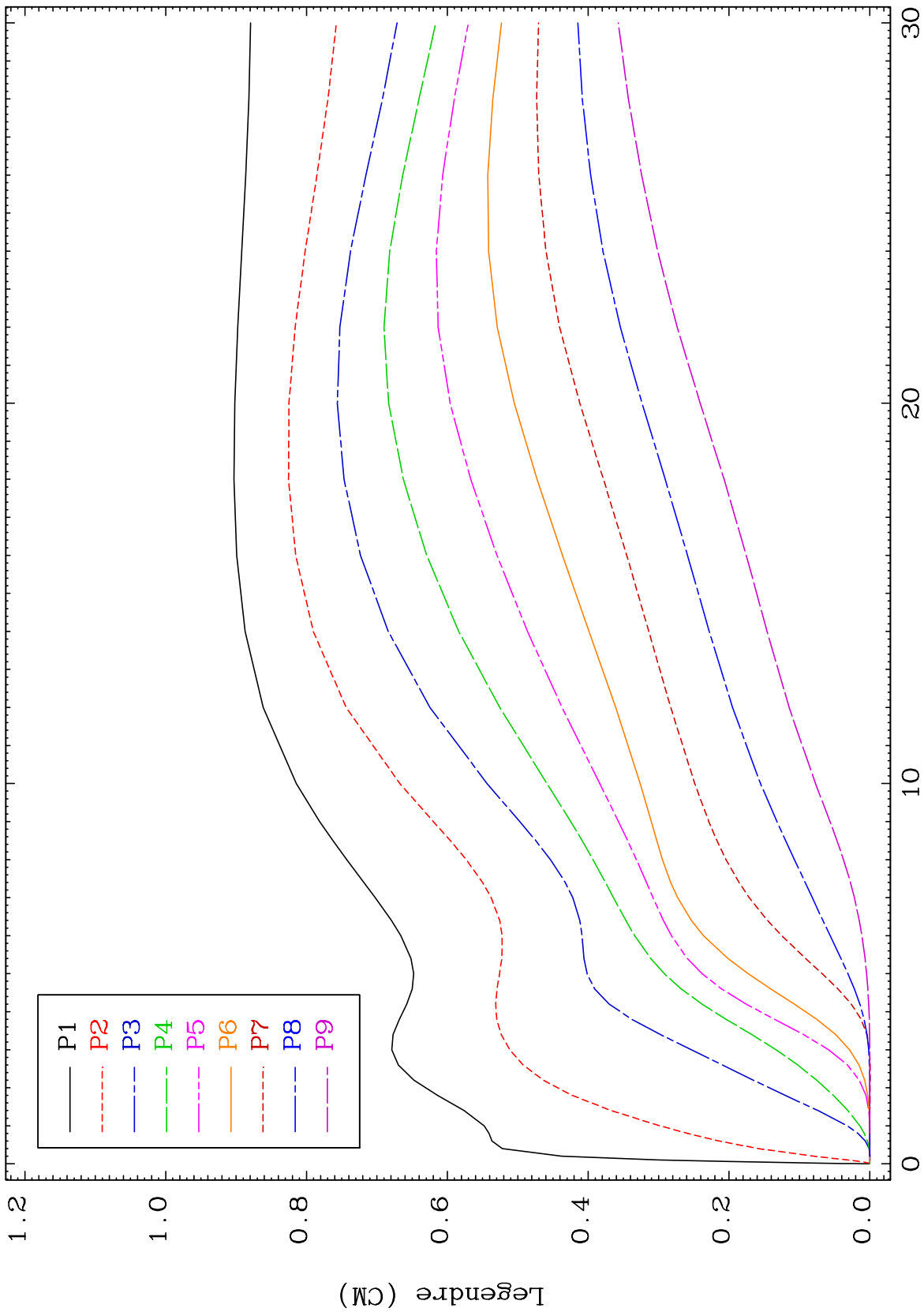
53-I -118



12

53-I -118

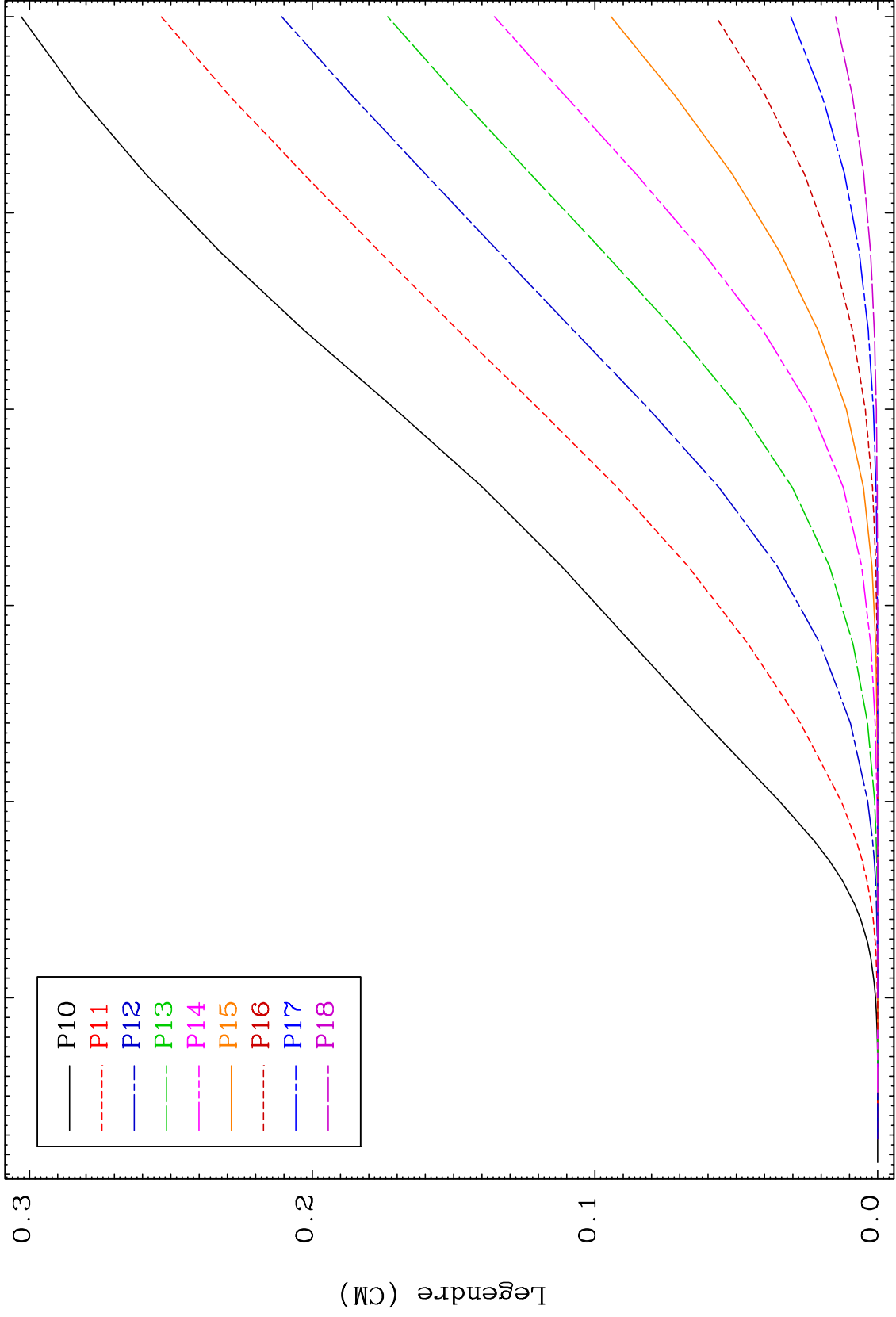




MAT 5298

Elastic  
Legendre Coefficients

53-I -118



15

Incident Energy (MeV)

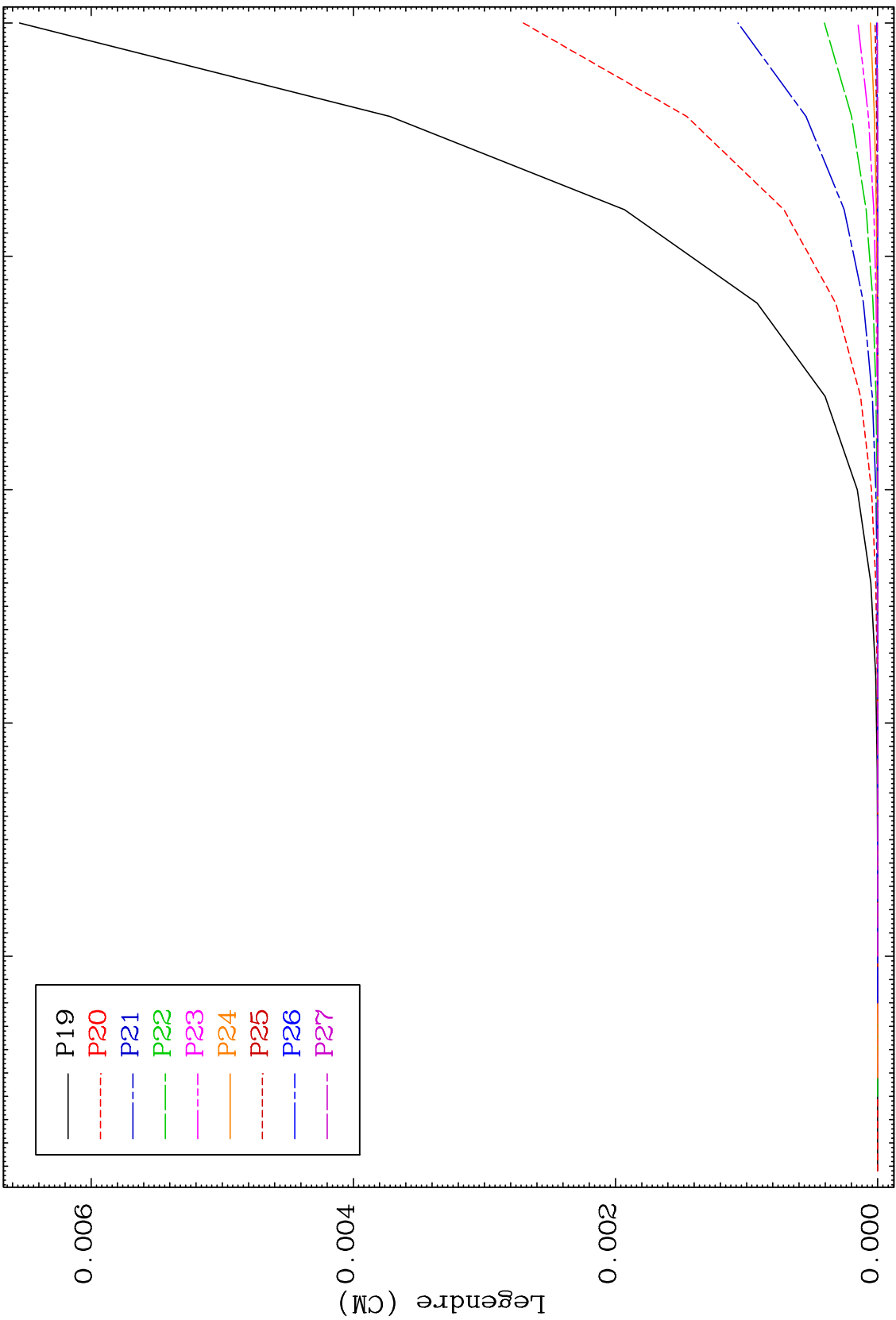
53-I -118



MAT 5298

Elastic Legendre Coefficients

53-I -118



16

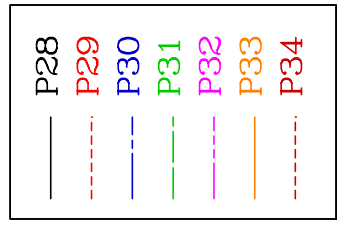
Incident Energy (MeV)

53-I -118

MAT 5298

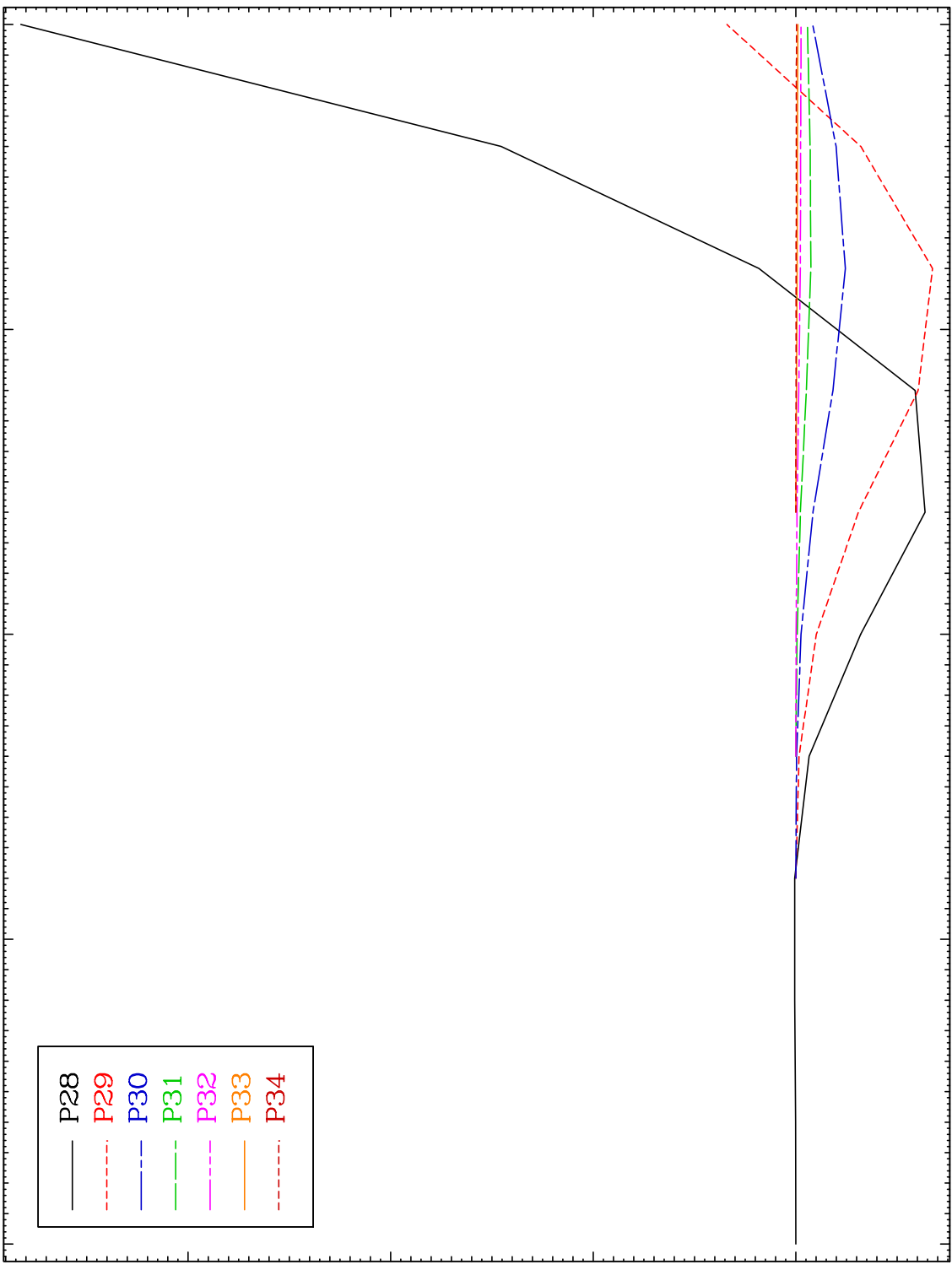
Elastic Legendre Coefficients

53-I -118



$\times 10^{-7}$

Legendre (CM)



30

25

20

15

10

Incident Energy (MeV)

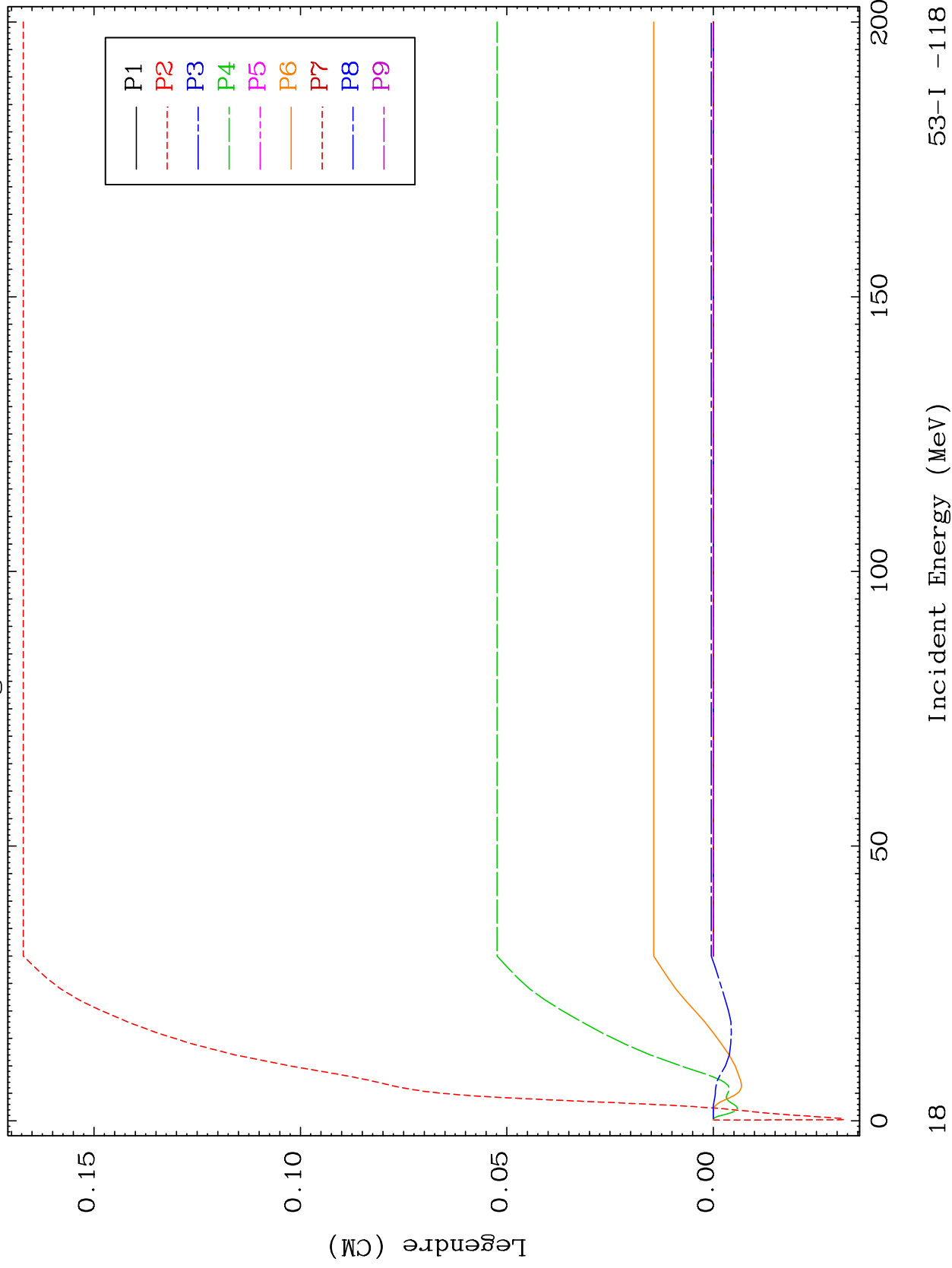
53-I -118

17

MAT 5298

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

53-I -118



53-I -118

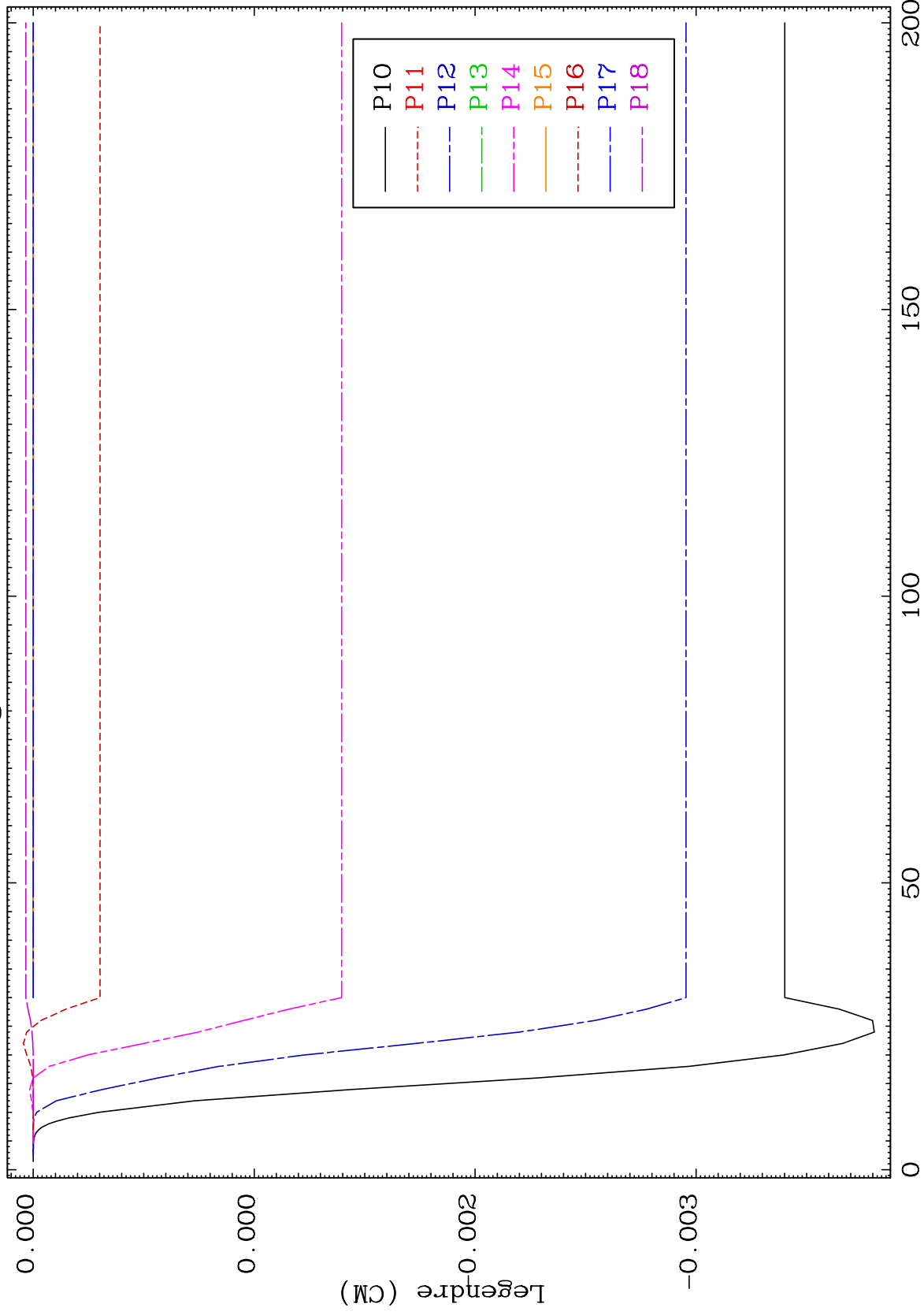
Incident Energy (MeV)

18

MAT 5298

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

53-I -118



19

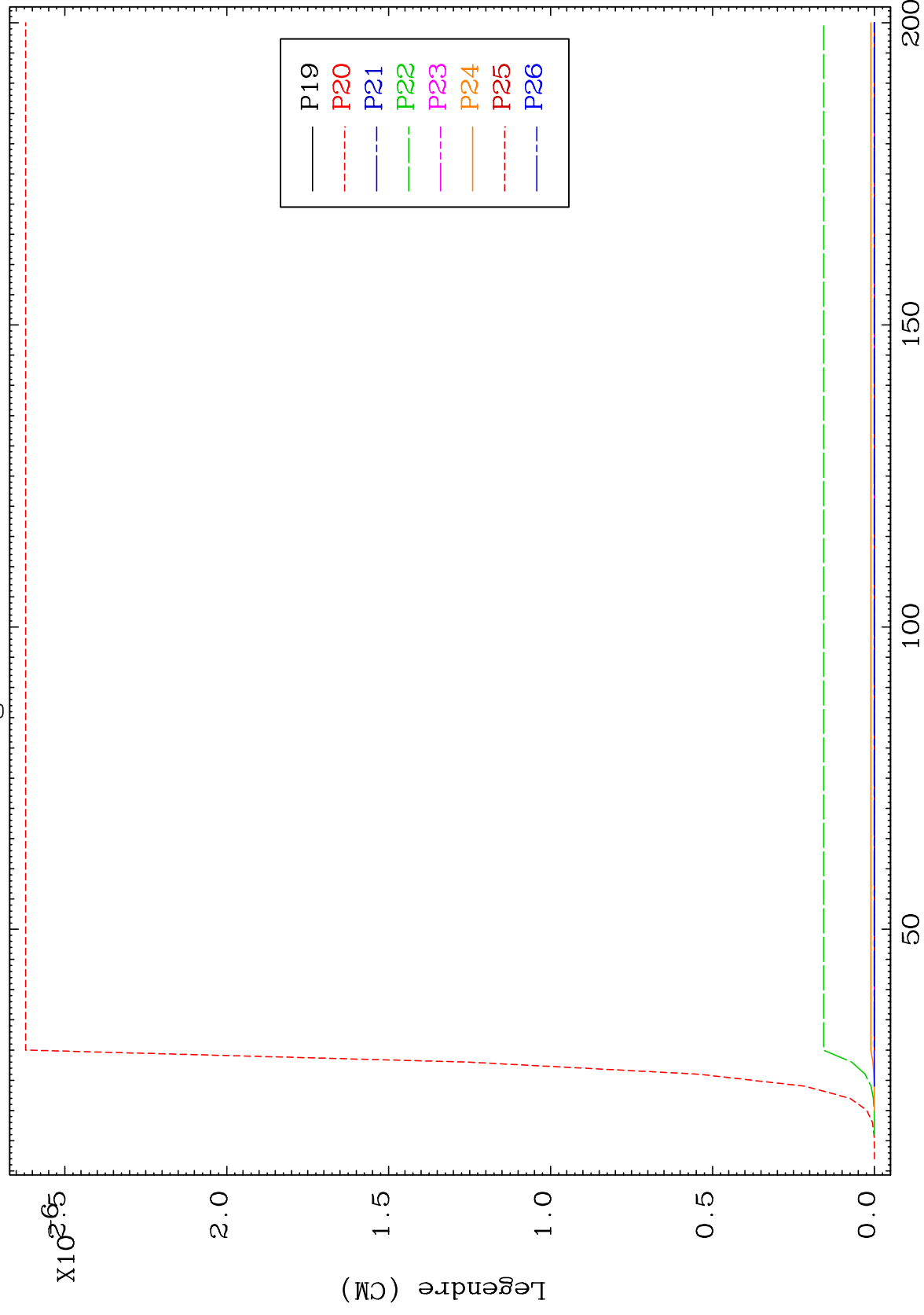
Incident Energy (MeV)

53-I -118

MAT 5298

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

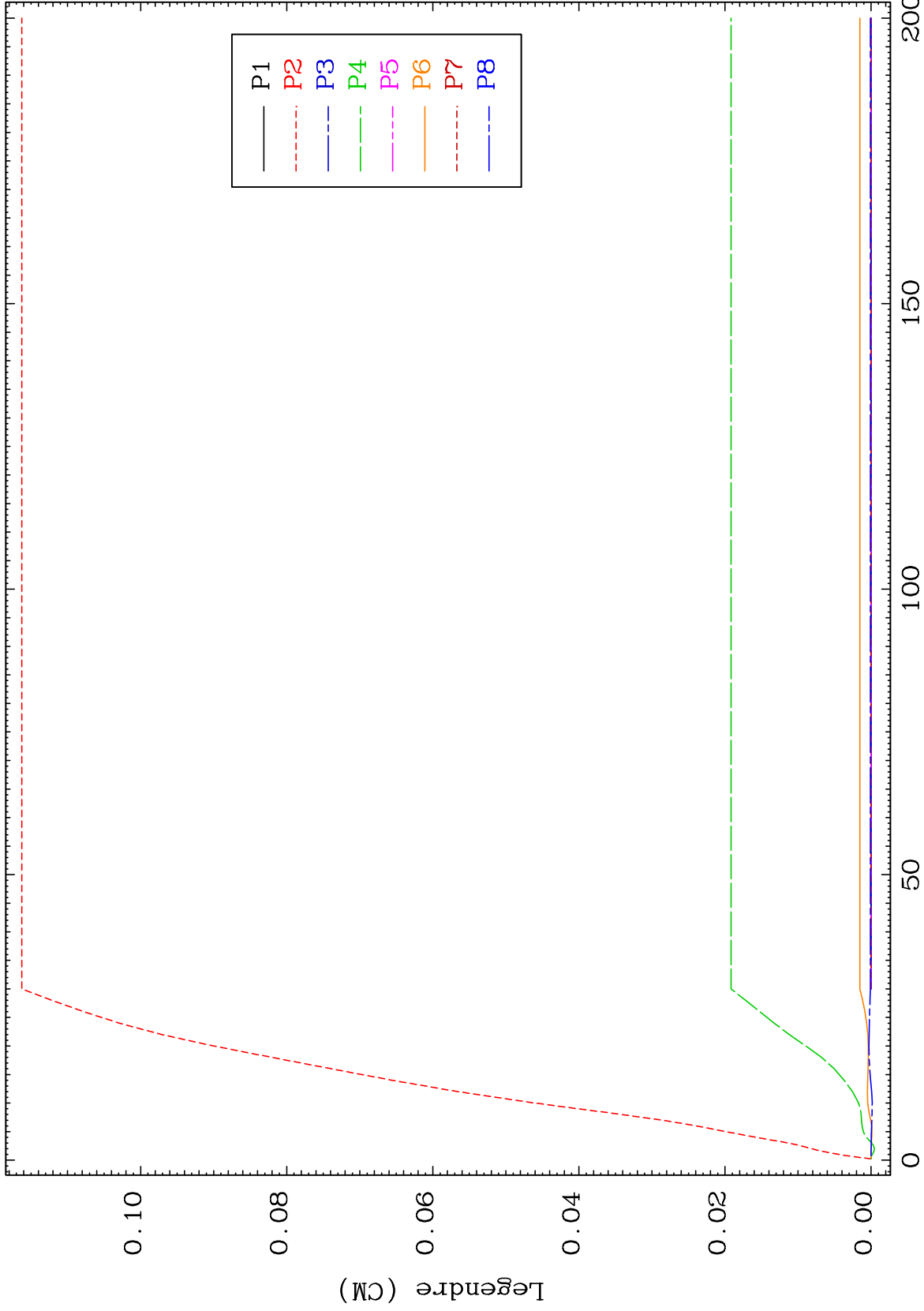
53-I -118



20

Incident Energy (MeV)

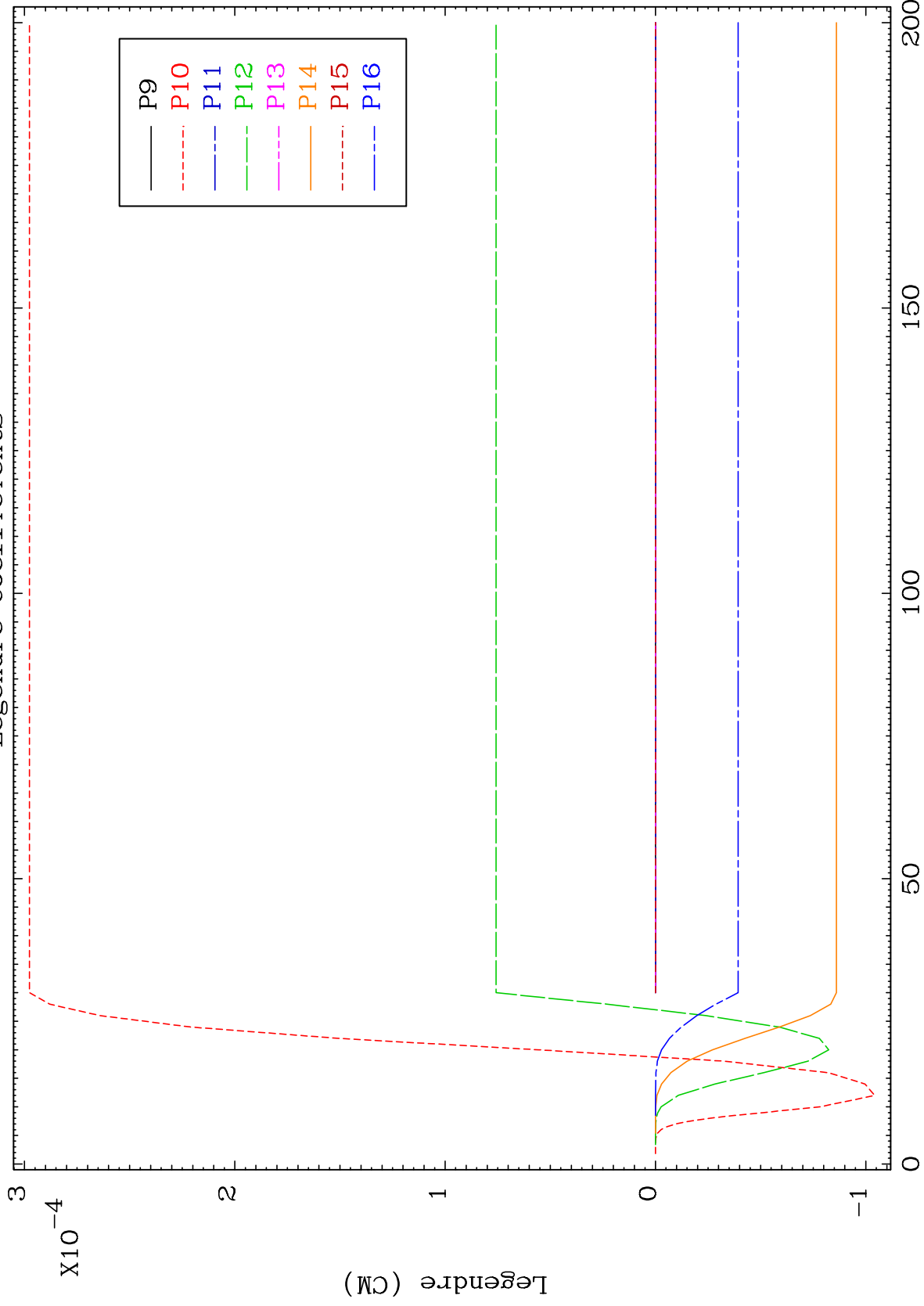
53-I -118



MAT 5298

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

53-I -118



22

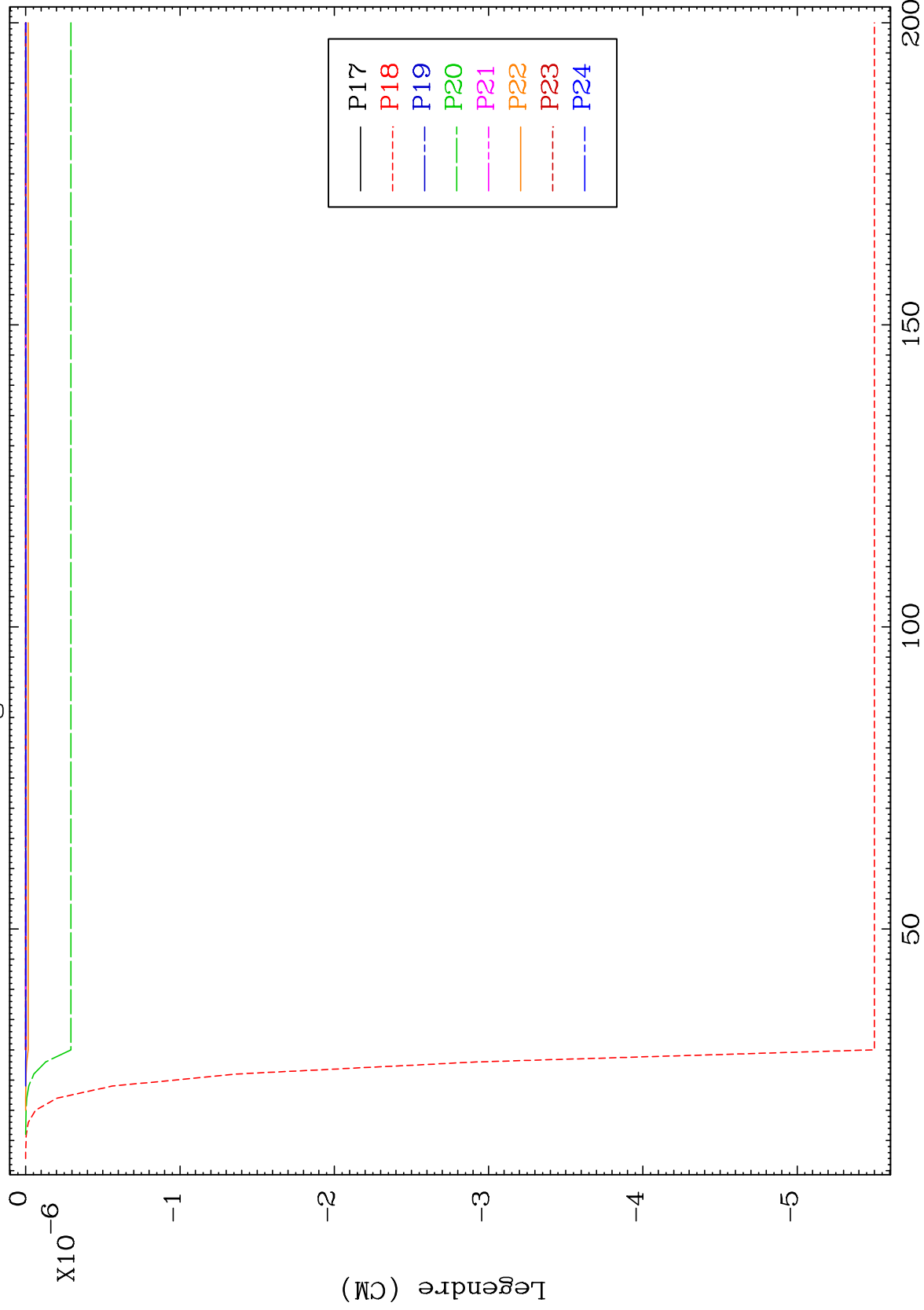
Incident Energy (MeV)

53-I -118

MAT 5298

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

53-I -118

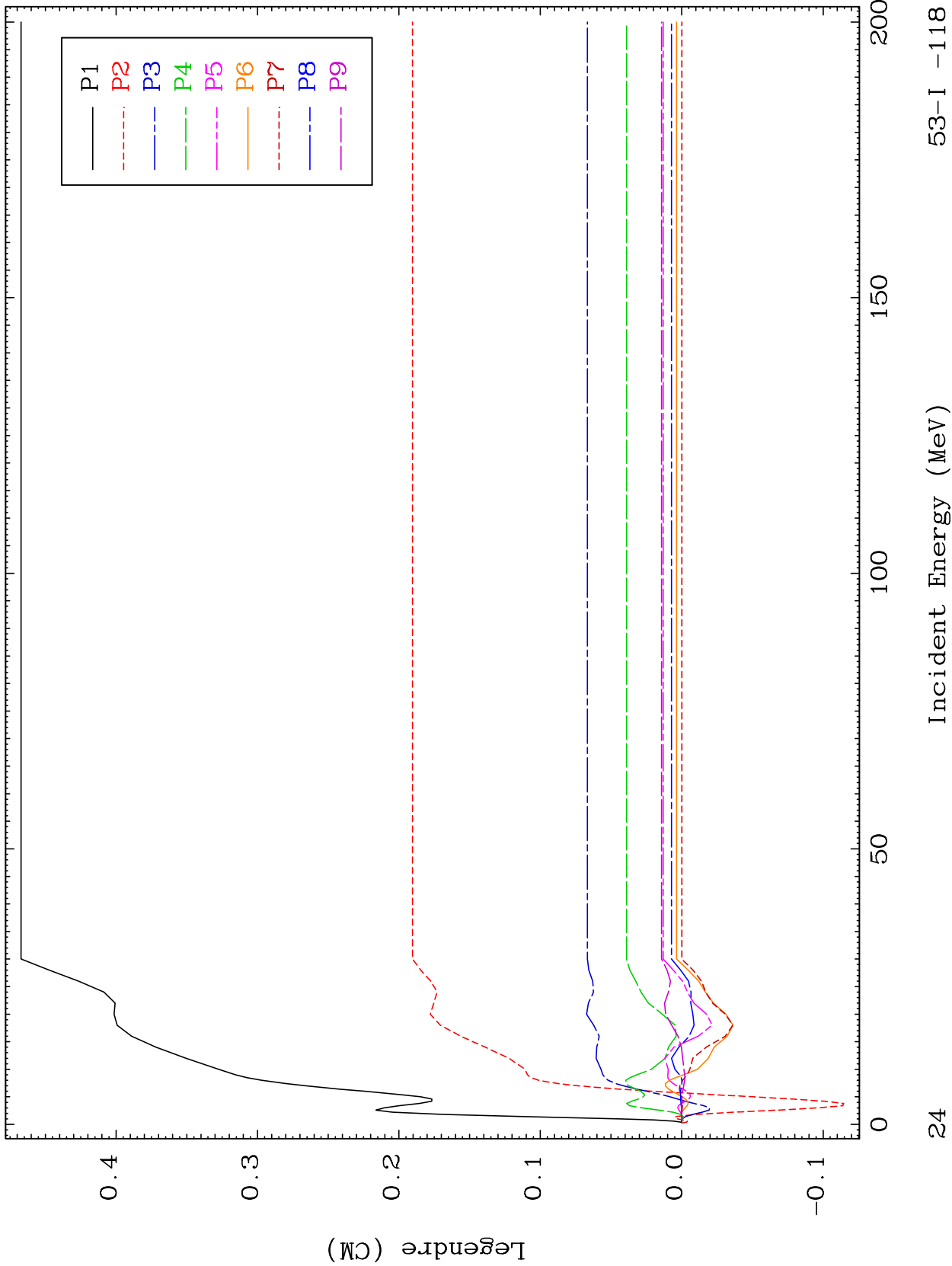


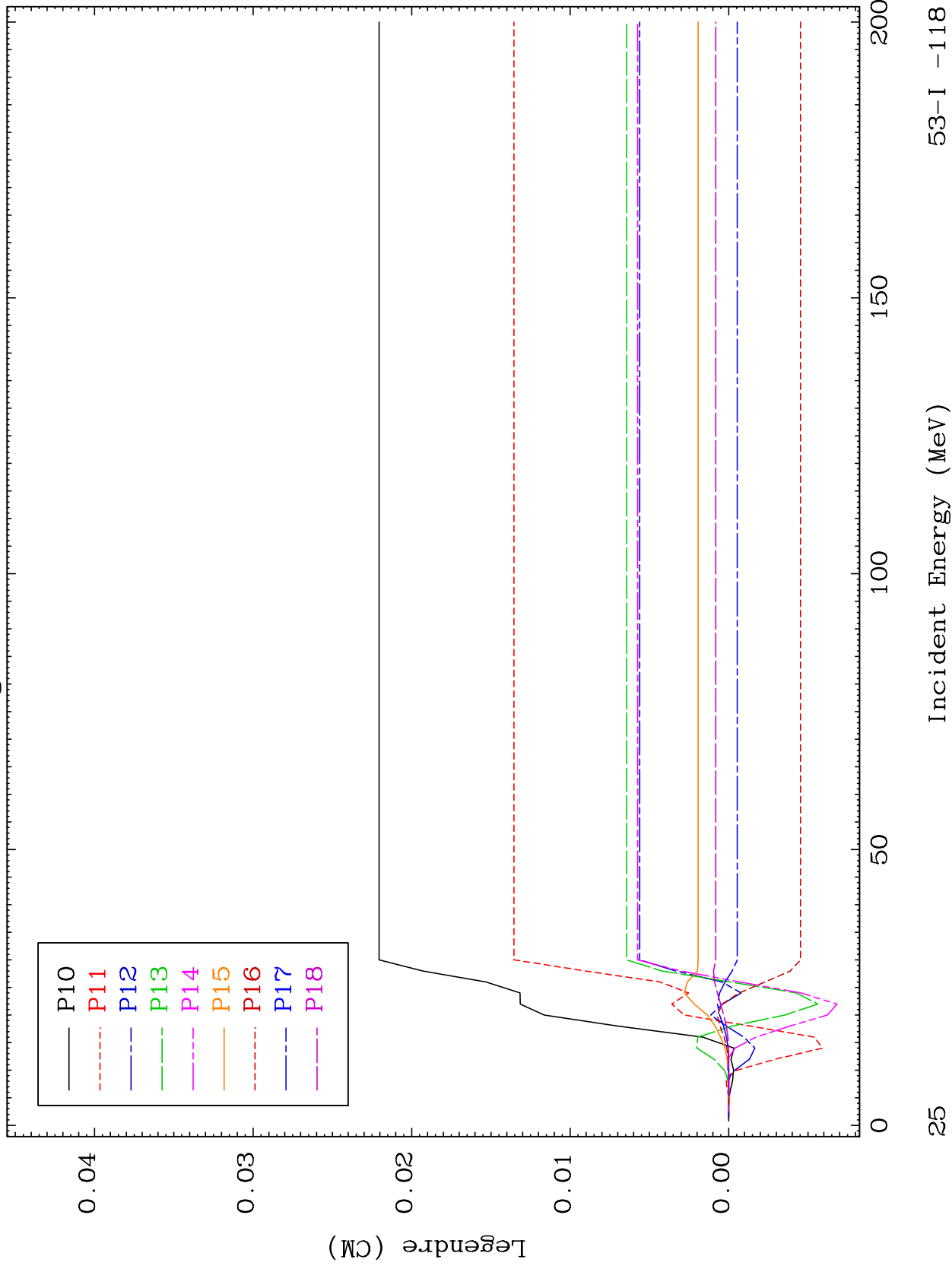
23

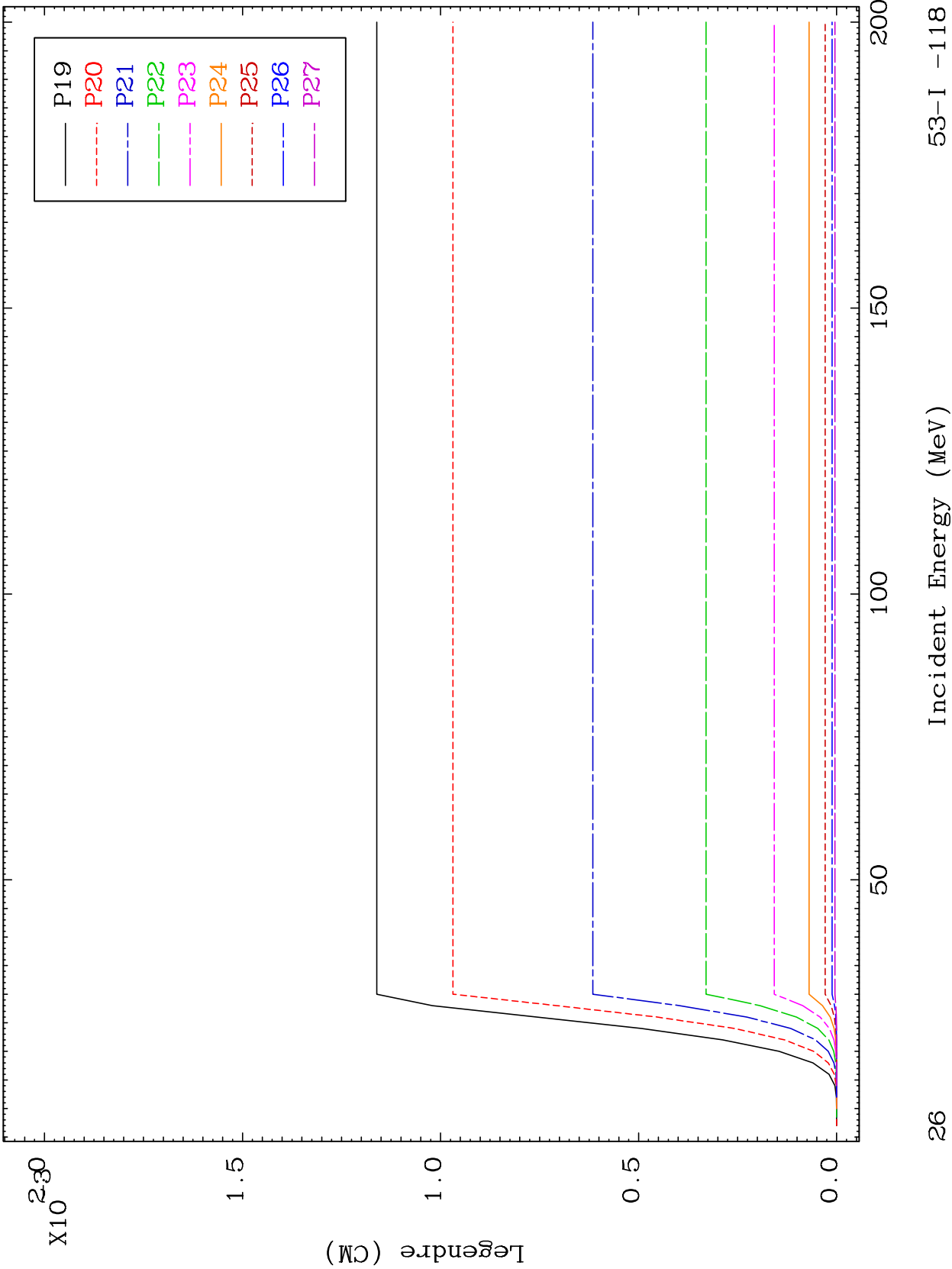
Incident Energy (MeV)

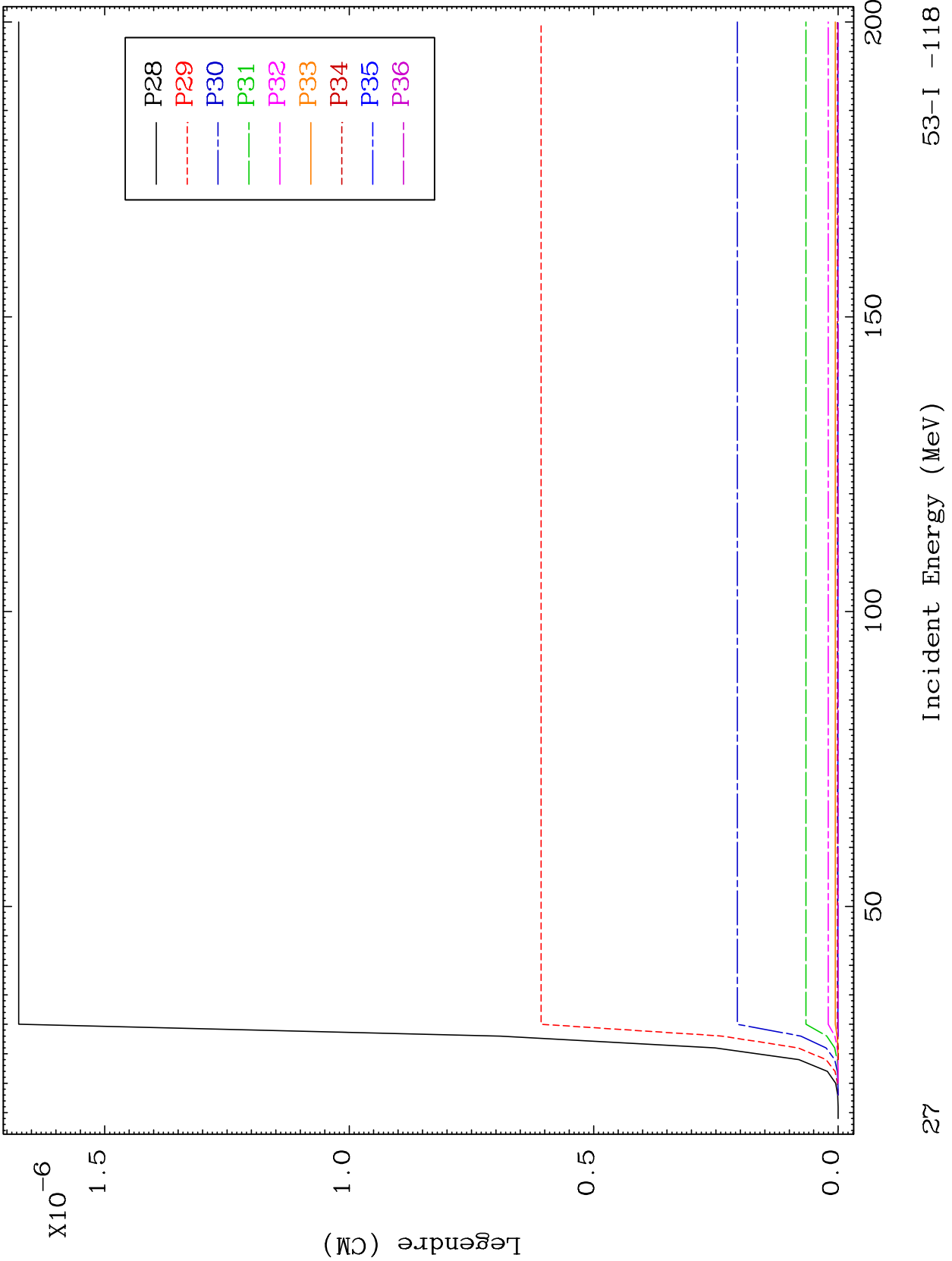
53-I -118

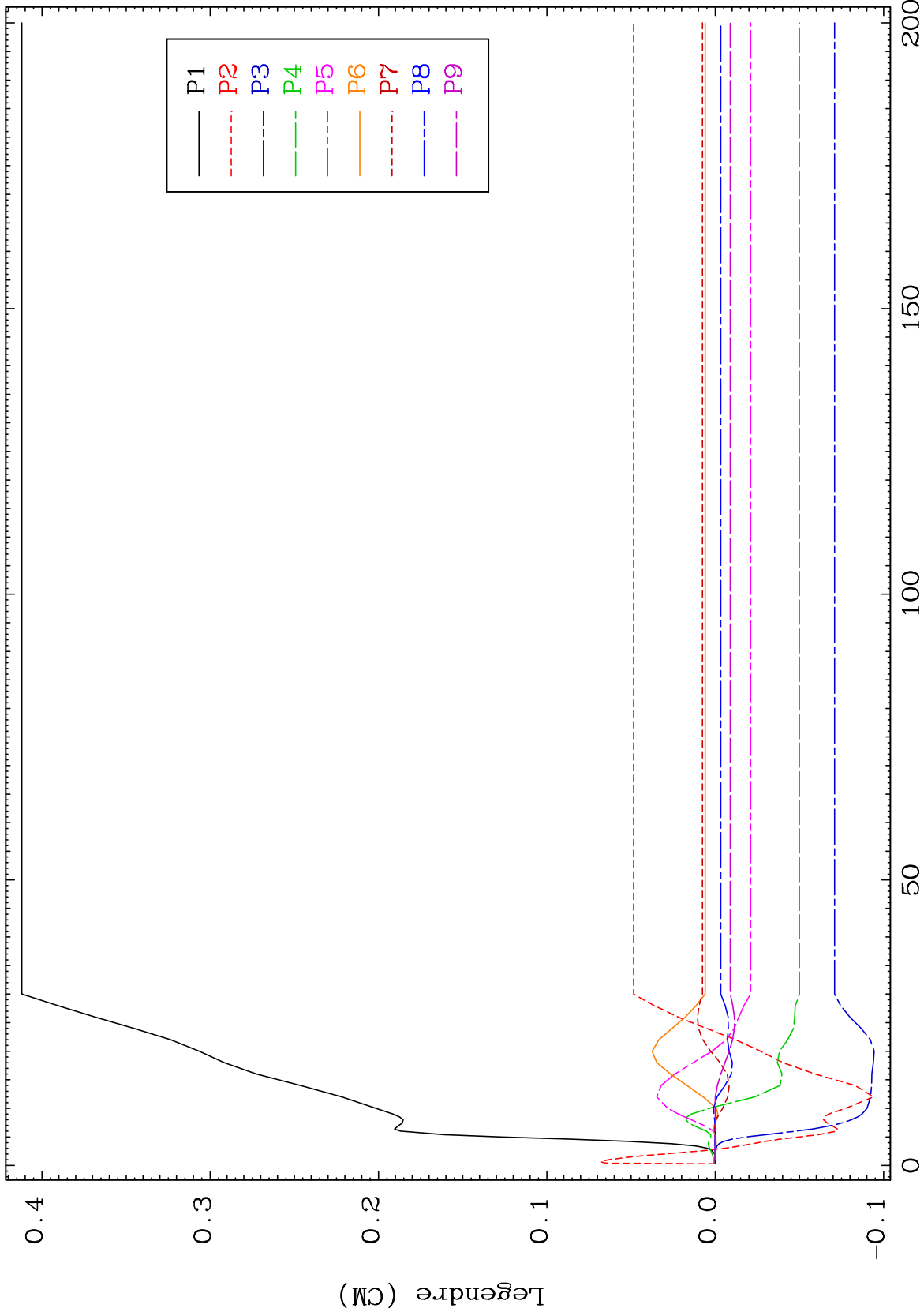








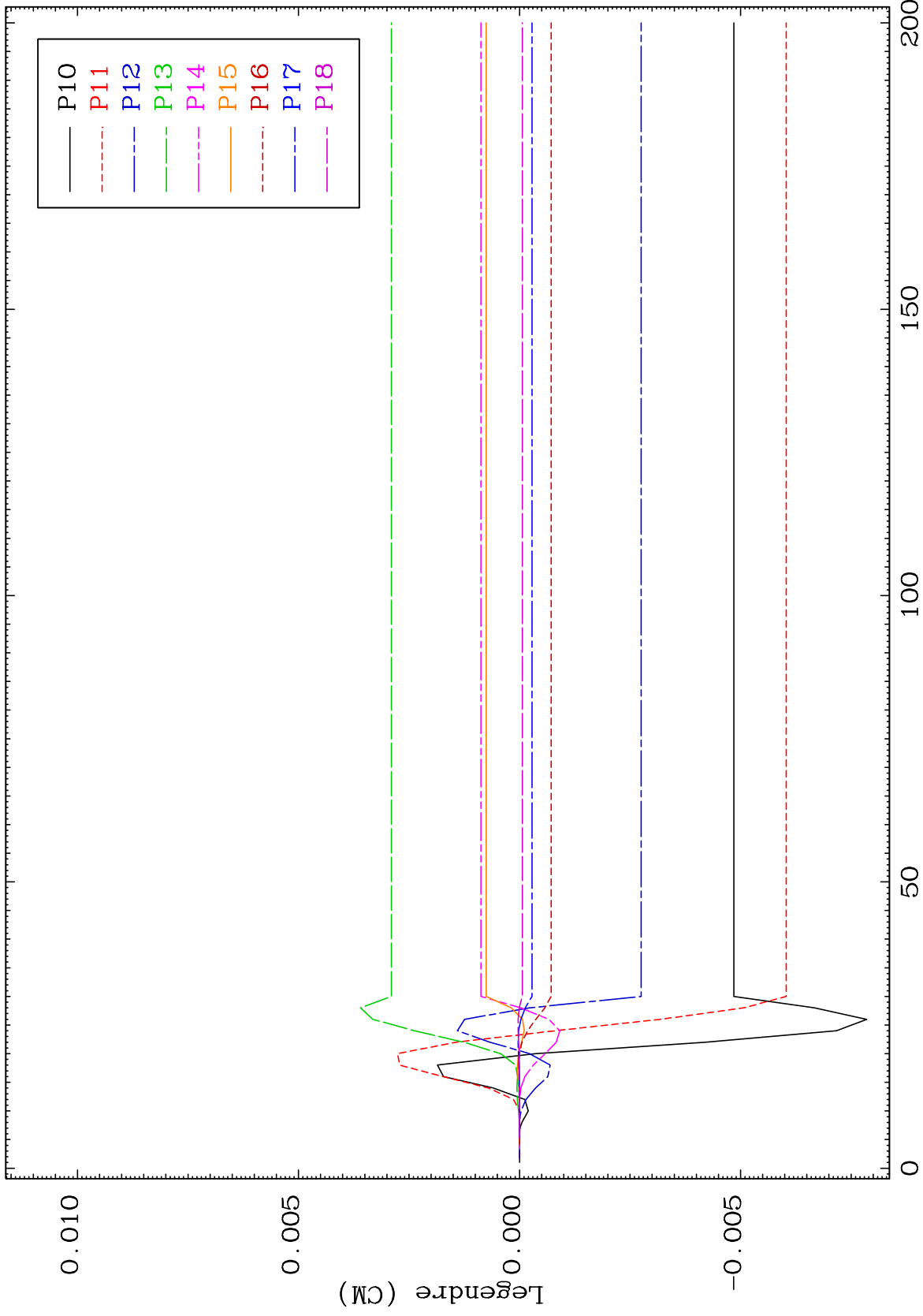




MAT 5298

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

53-I -118



29

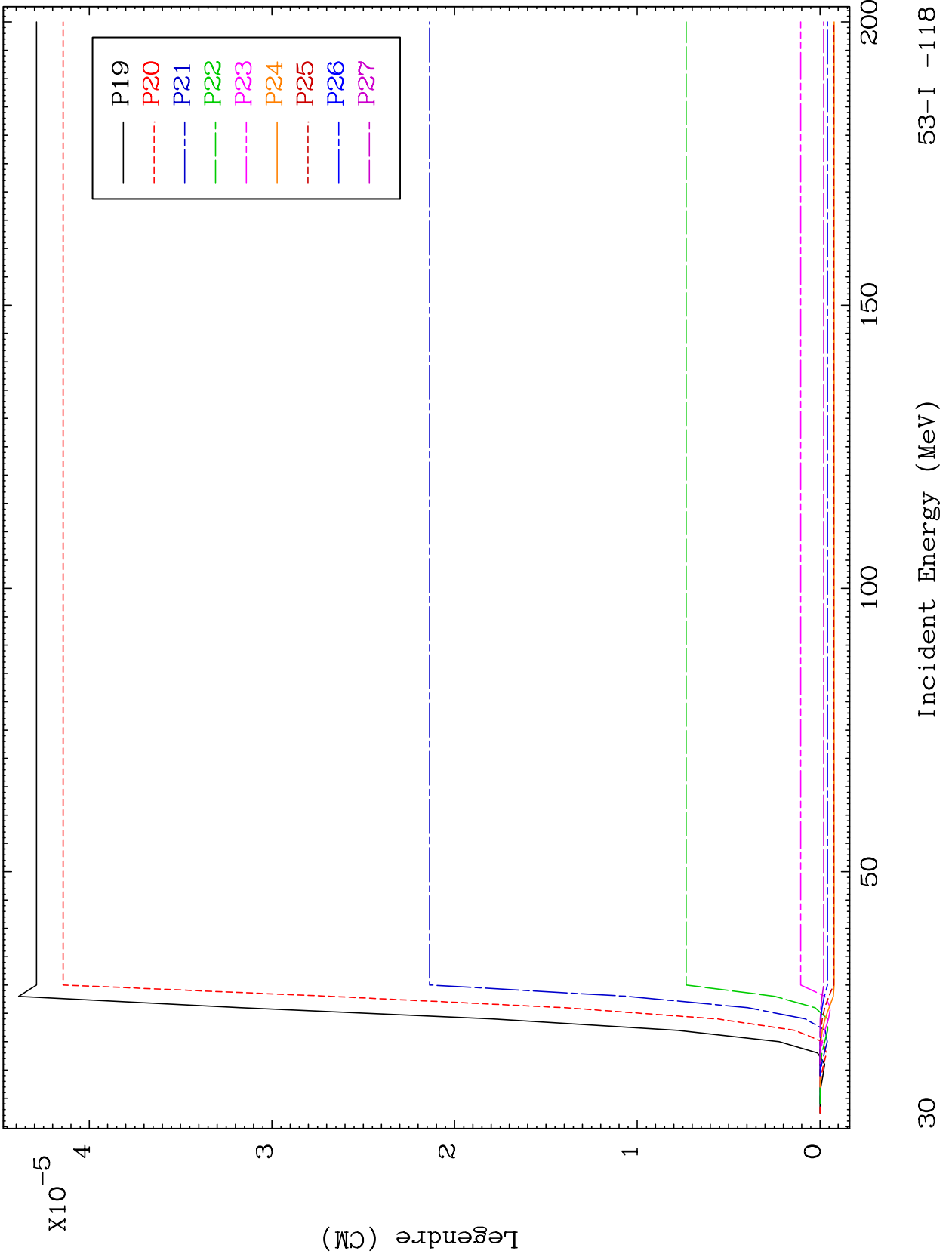
Incident Energy (MeV)

53-I -118

MAT 5298

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

53-I -118

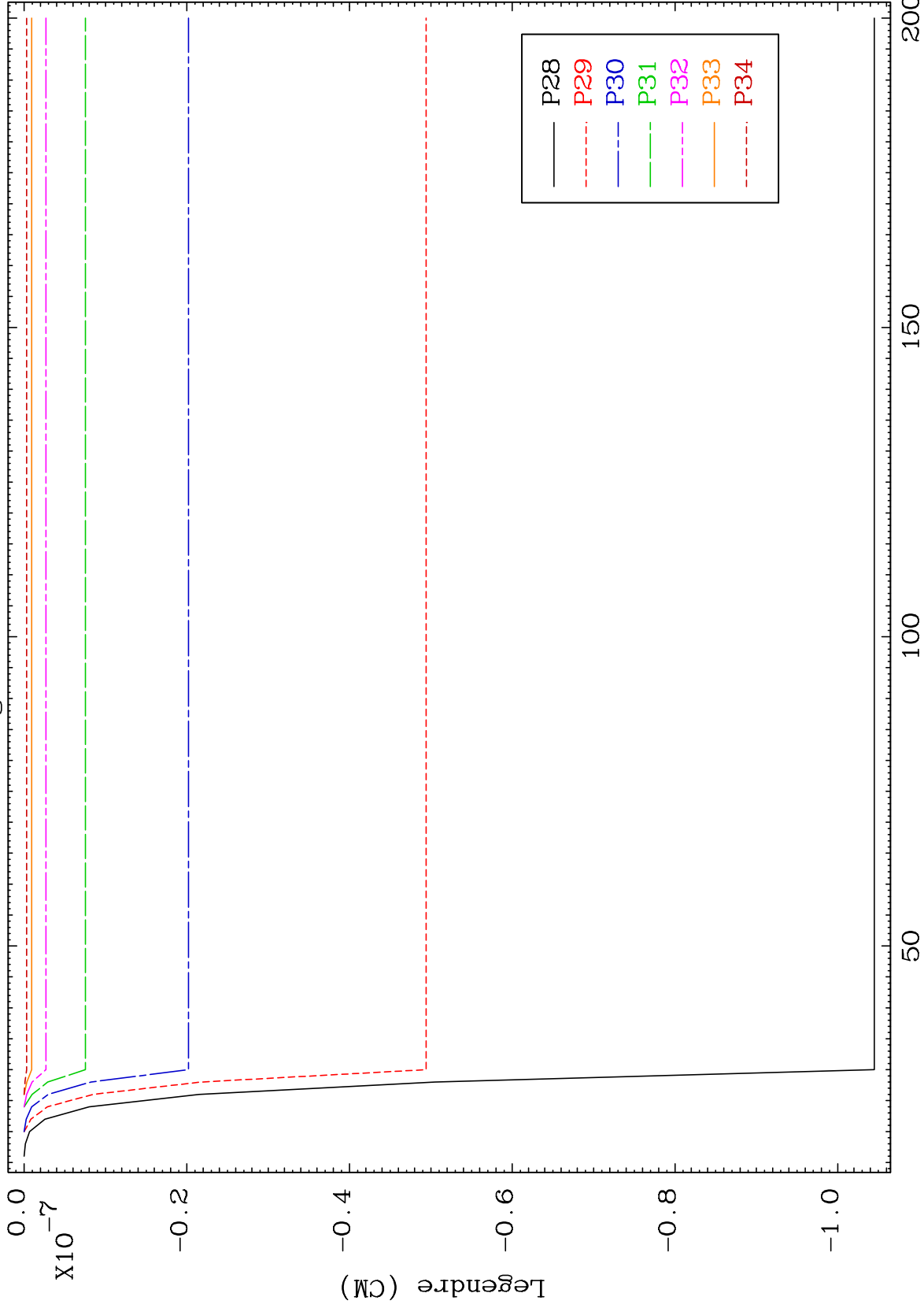


30

Incident Energy (MeV)

53-I -118

Legendre Coefficients

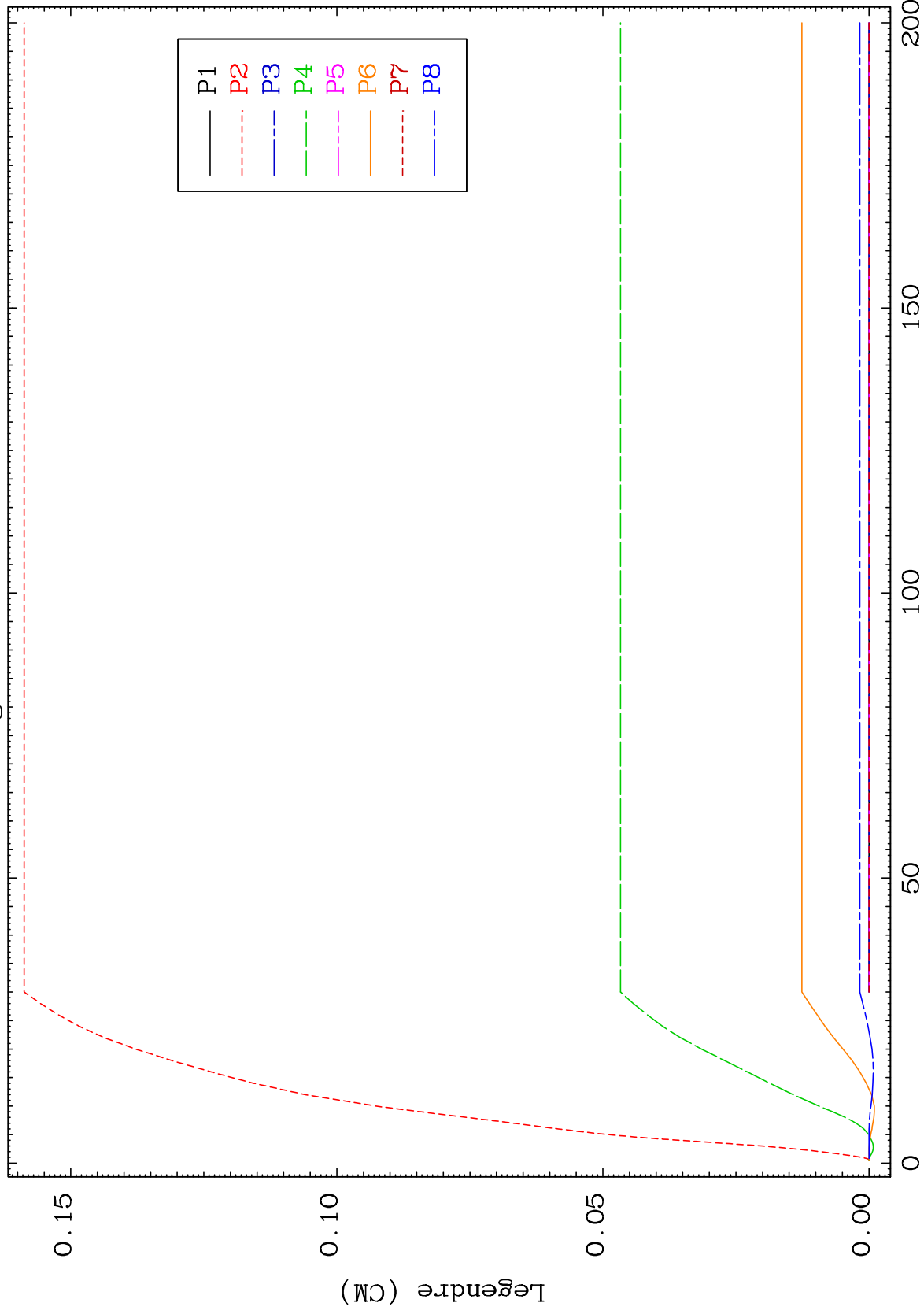




MAT 5298

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

53-I -118



53-I -118

Incident Energy (MeV)

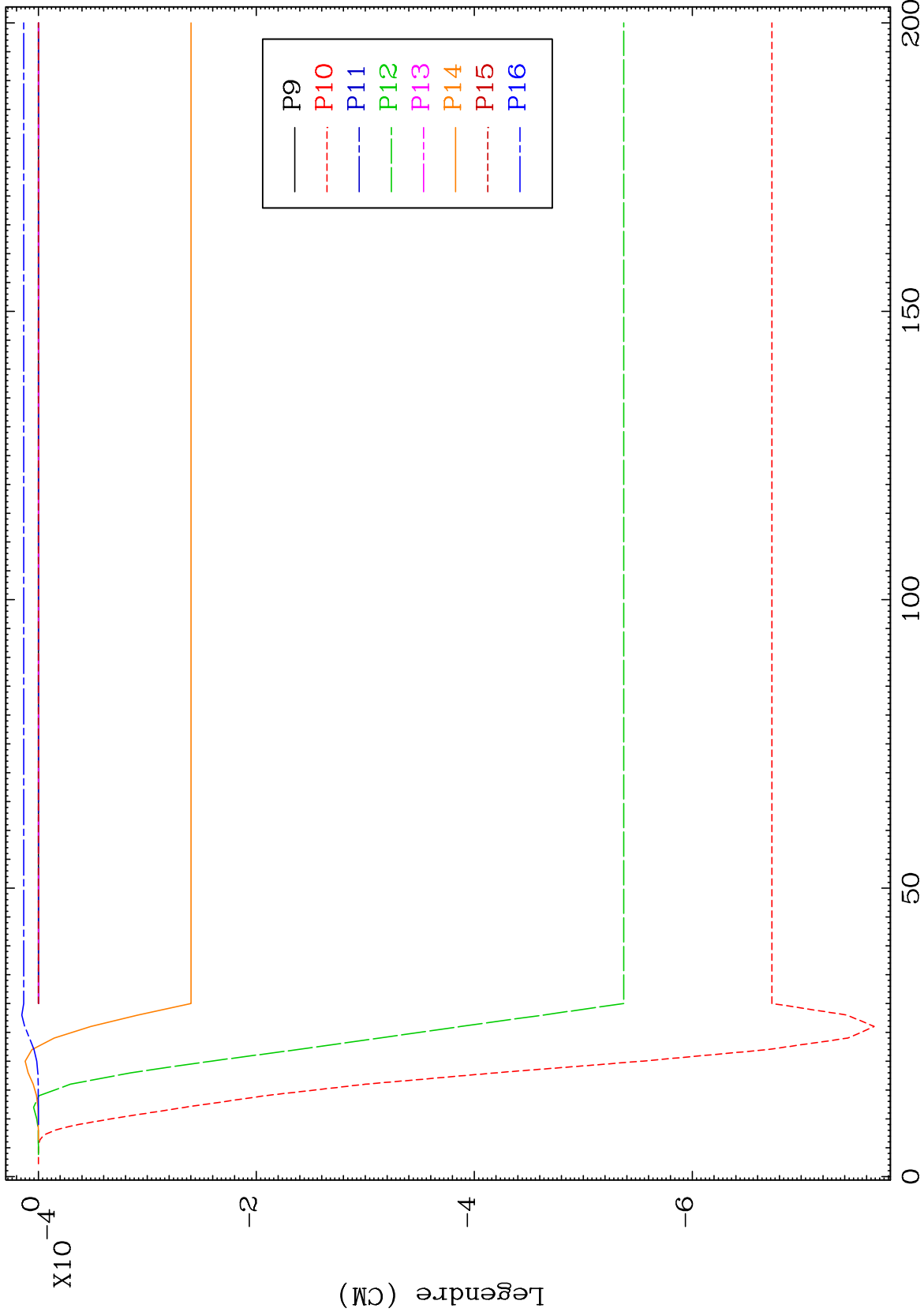
32

MAT 5298

MT= 55 (n,n') Level

53-I -118

Legendre Coefficients



33

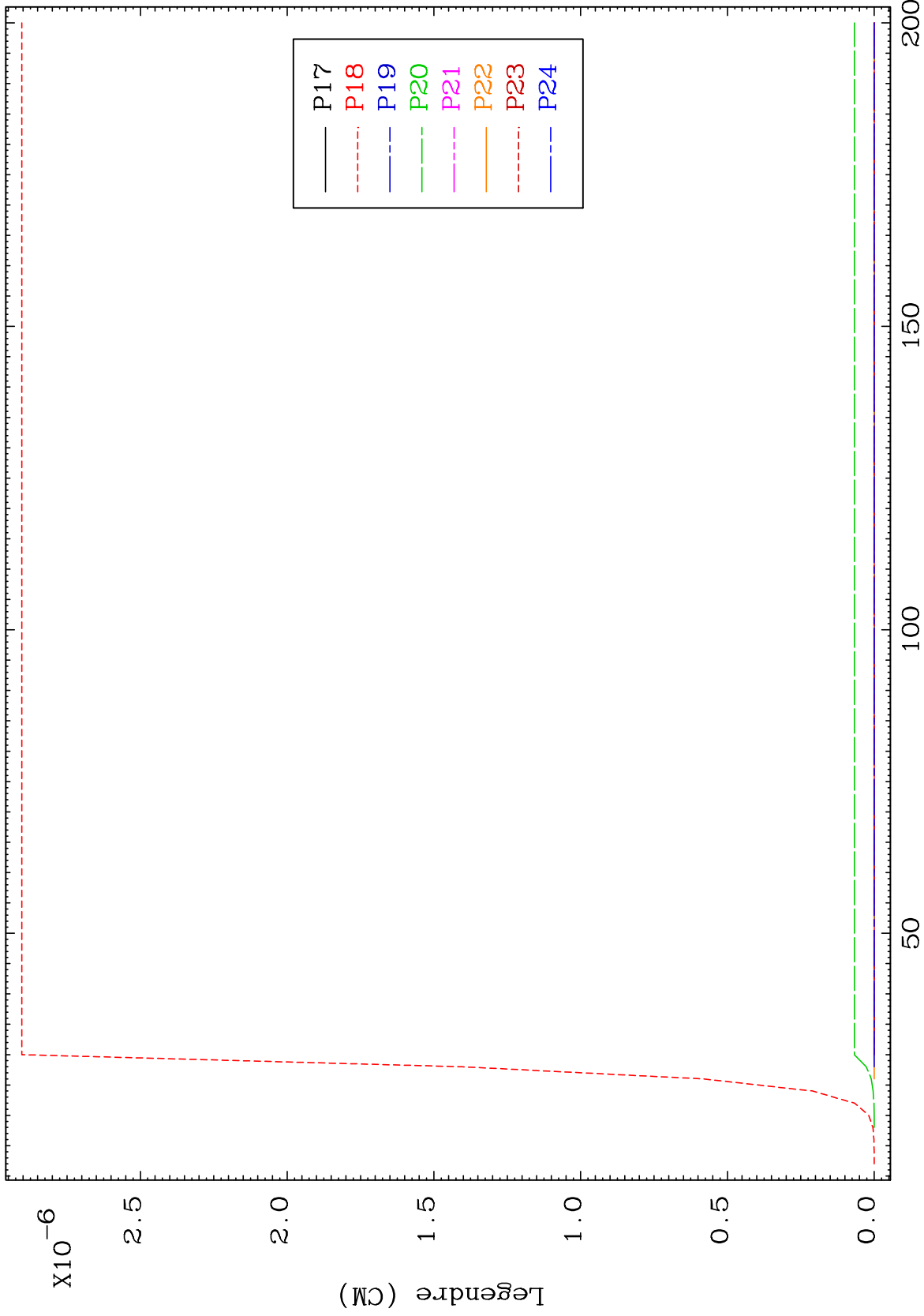
Incident Energy (MeV)

53-I -118

MAT 5298

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

53-I -118



34

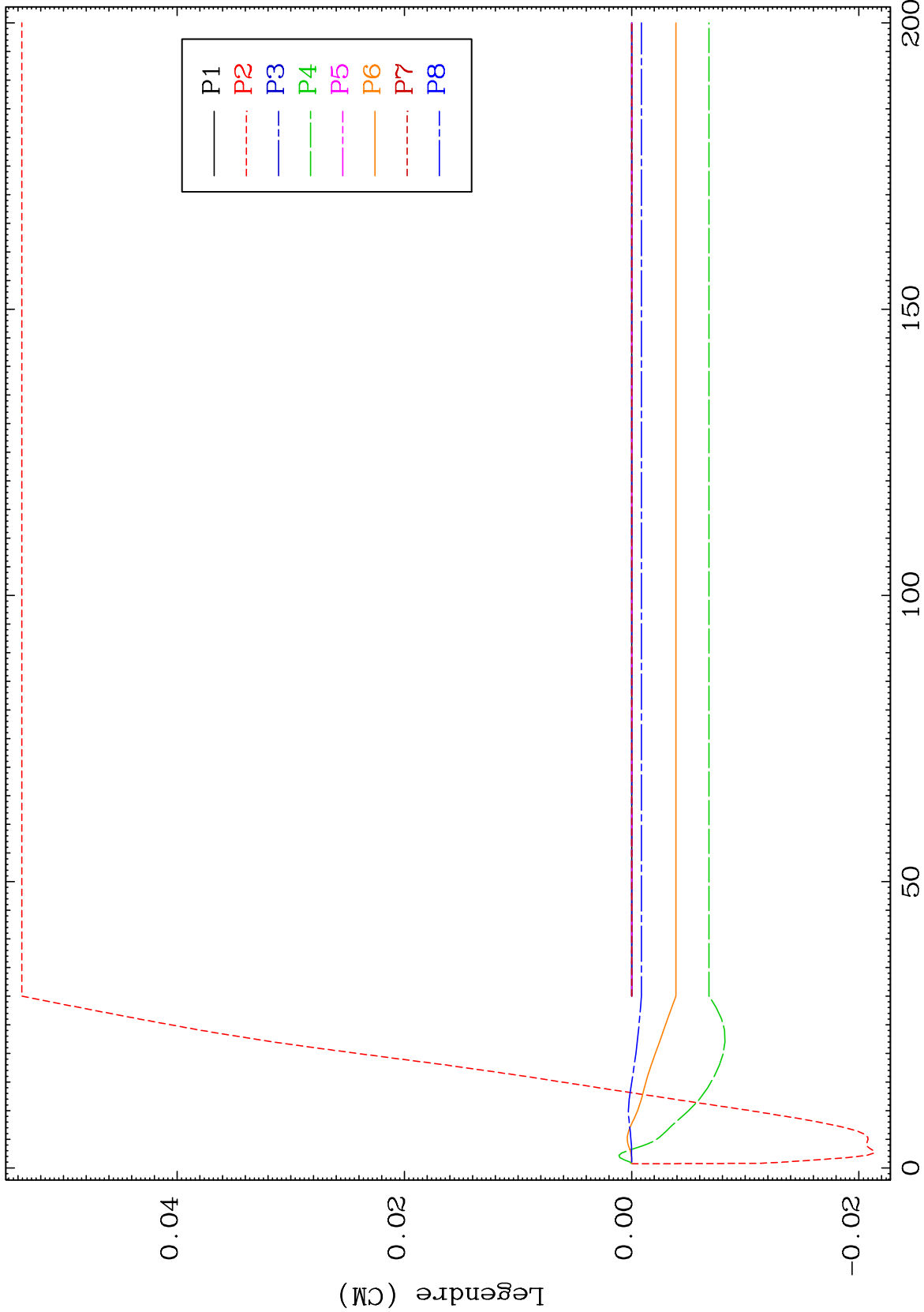
Incident Energy (MeV)

53-I -118

MAT 5298

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

53-I -118



53-I -118

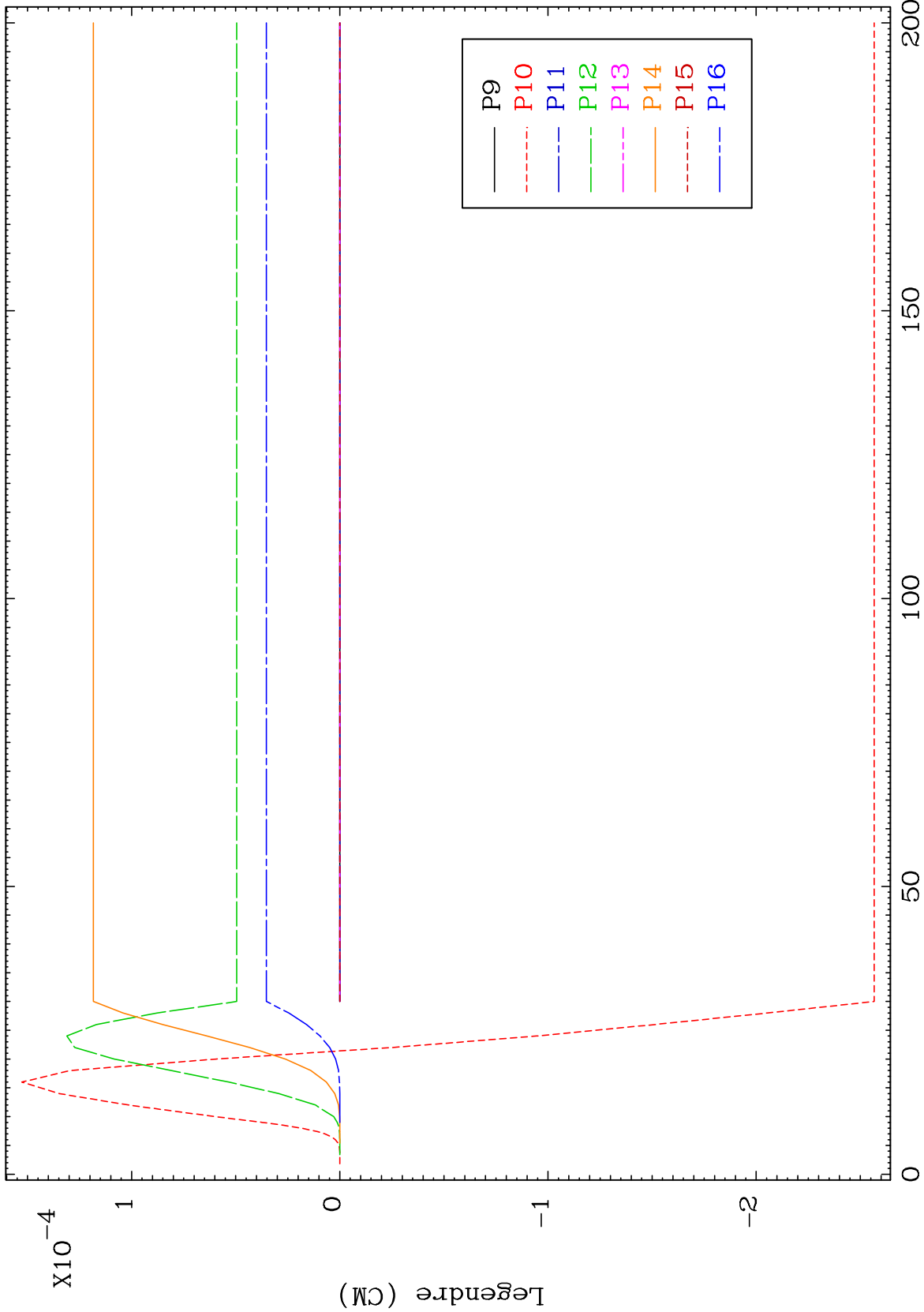
Incident Energy (MeV)

35

MAT 5298

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

53-I -118



36

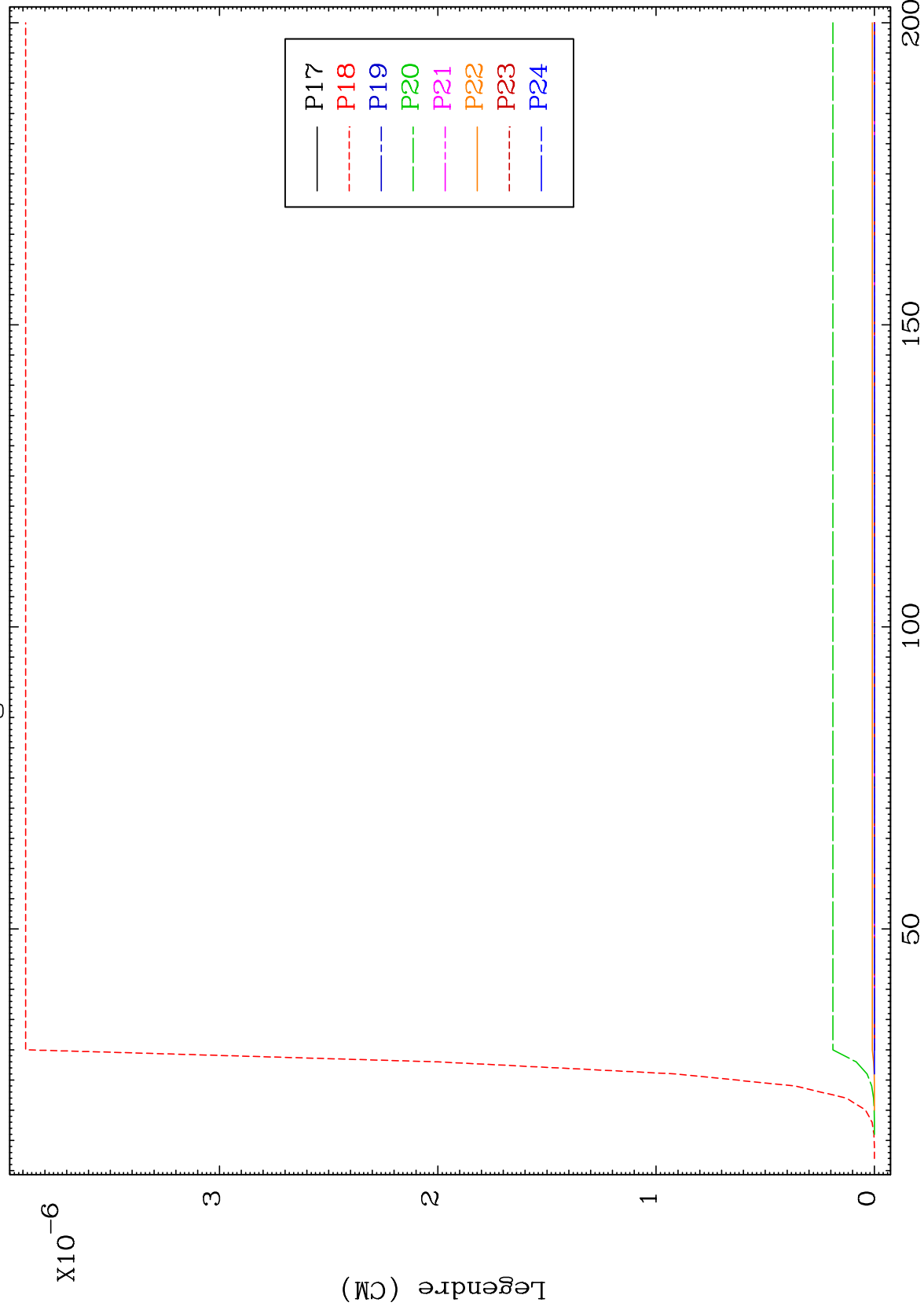
Incident Energy (MeV)

53-I -118

MAT 5298

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

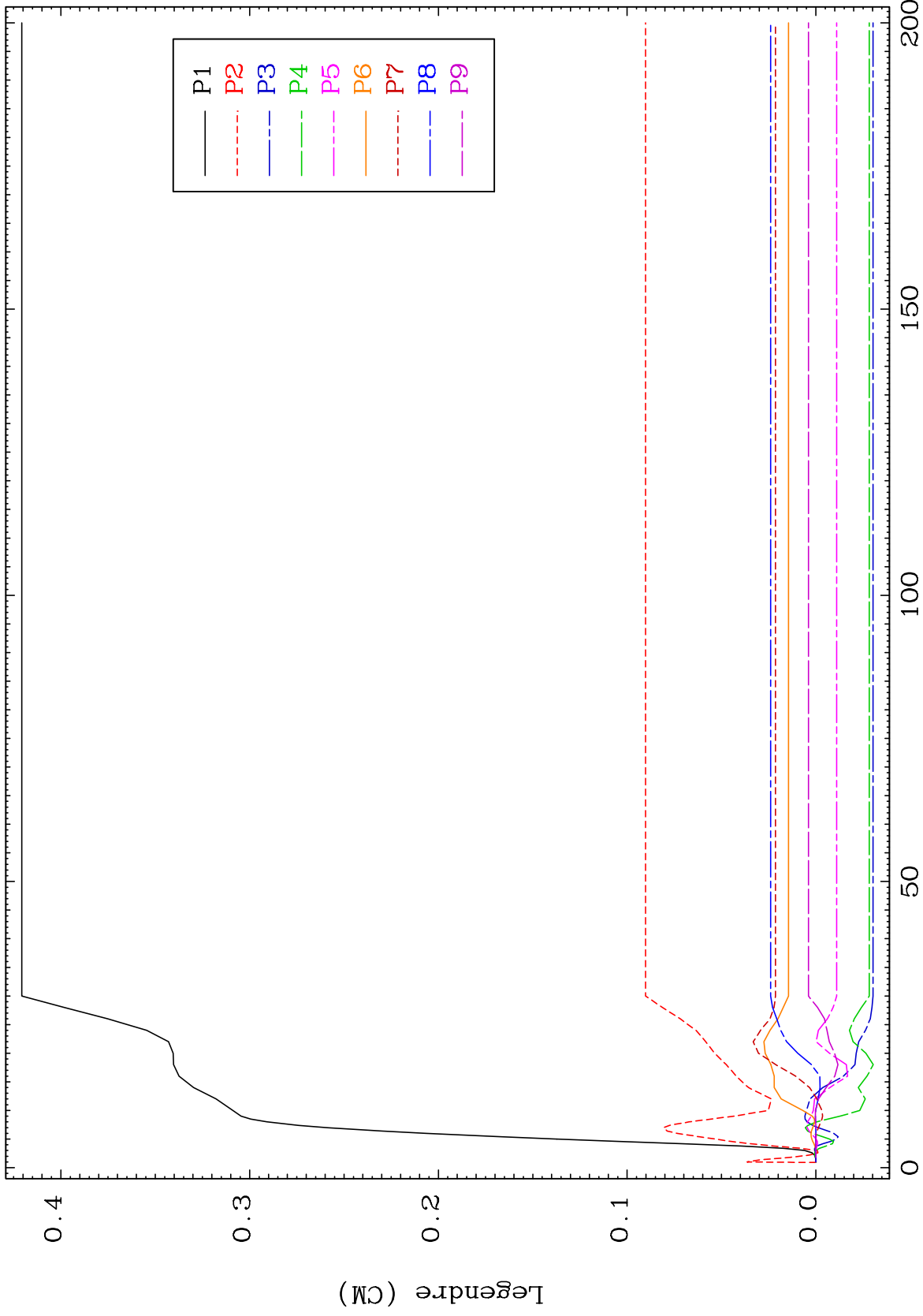
53-I -118



37

Incident Energy (MeV)

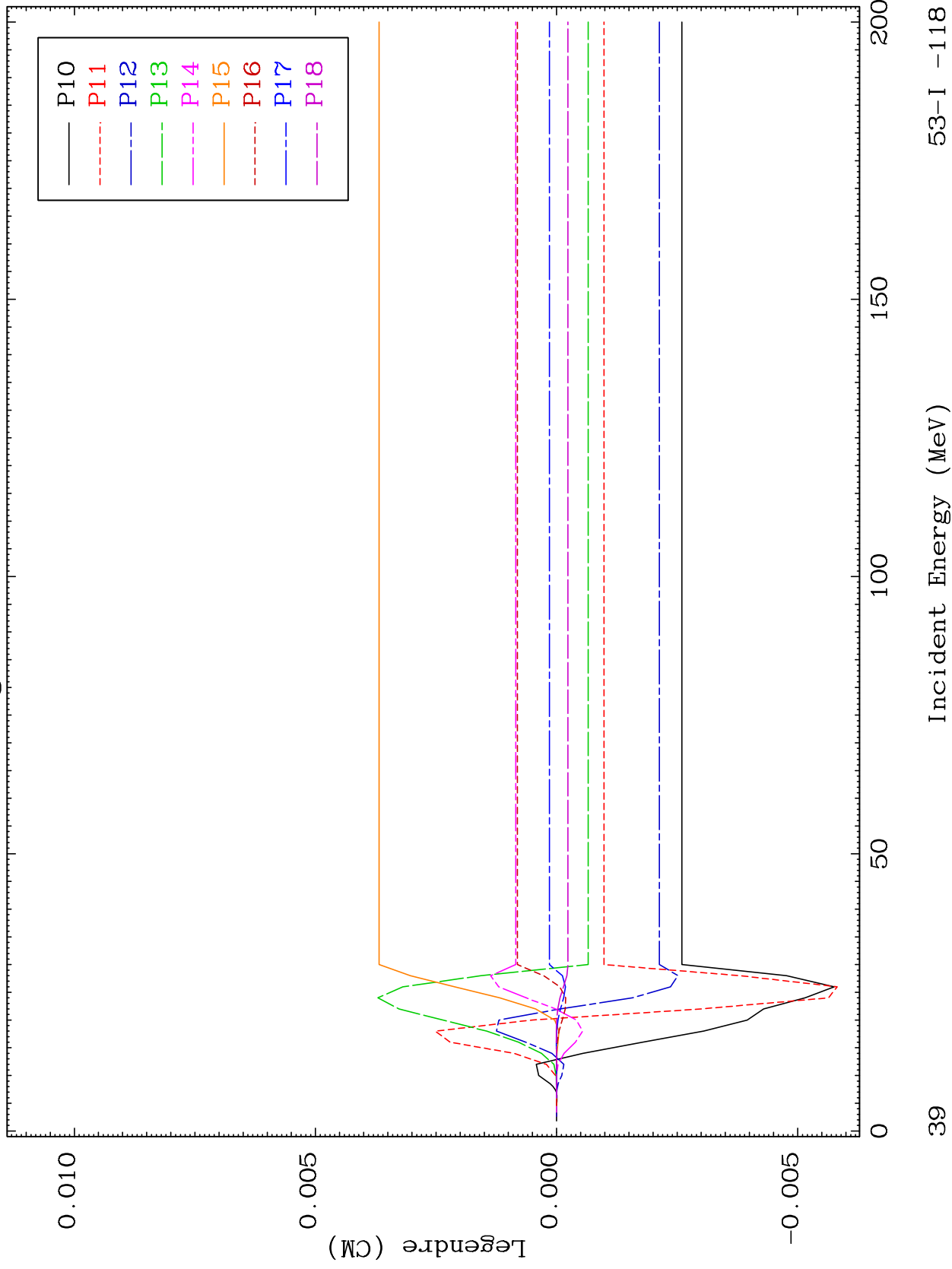
53-I -118



MAT 5298

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

53-I -118



39

Incident Energy (MeV)

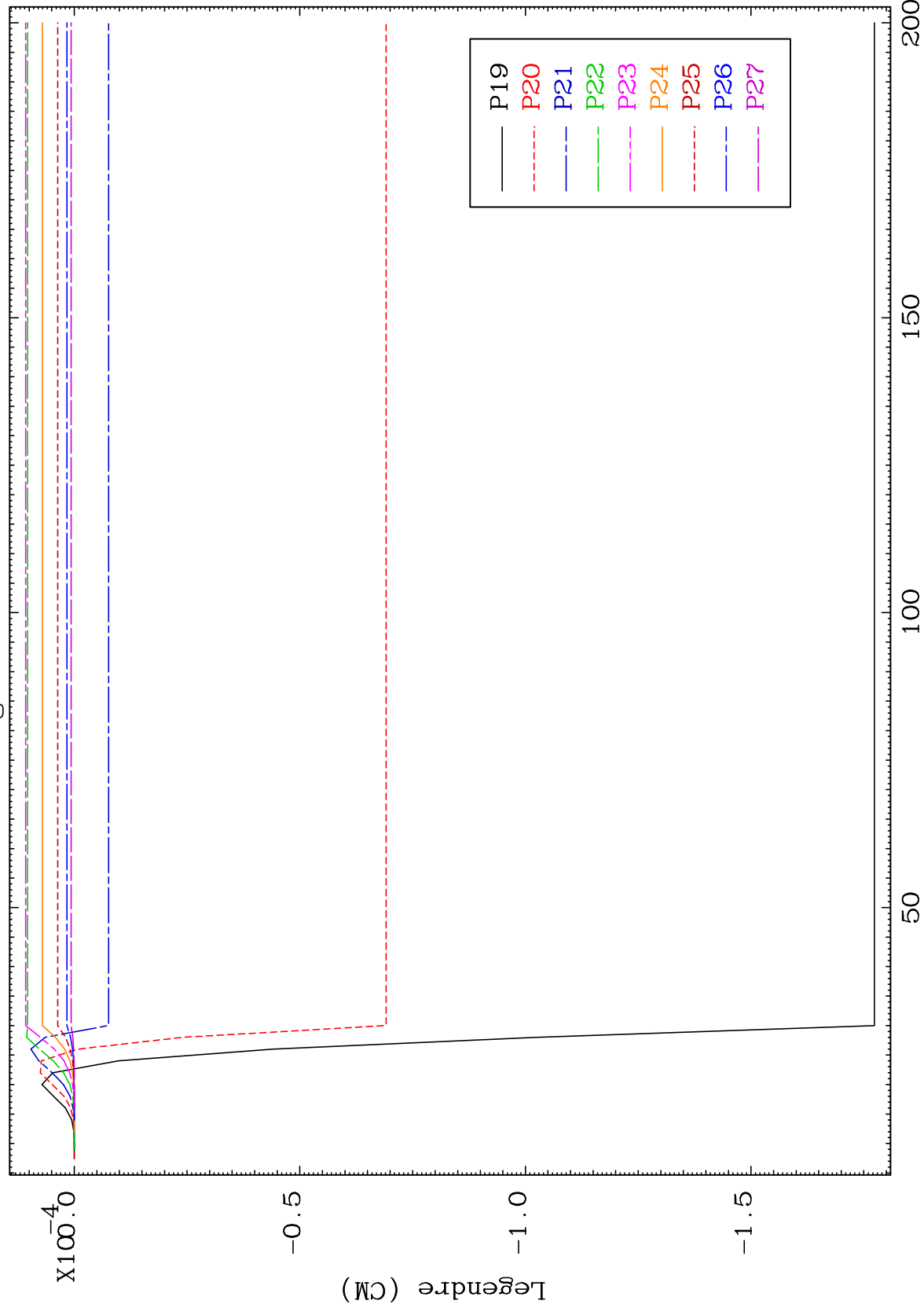
53-I -118



MAT 5298

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

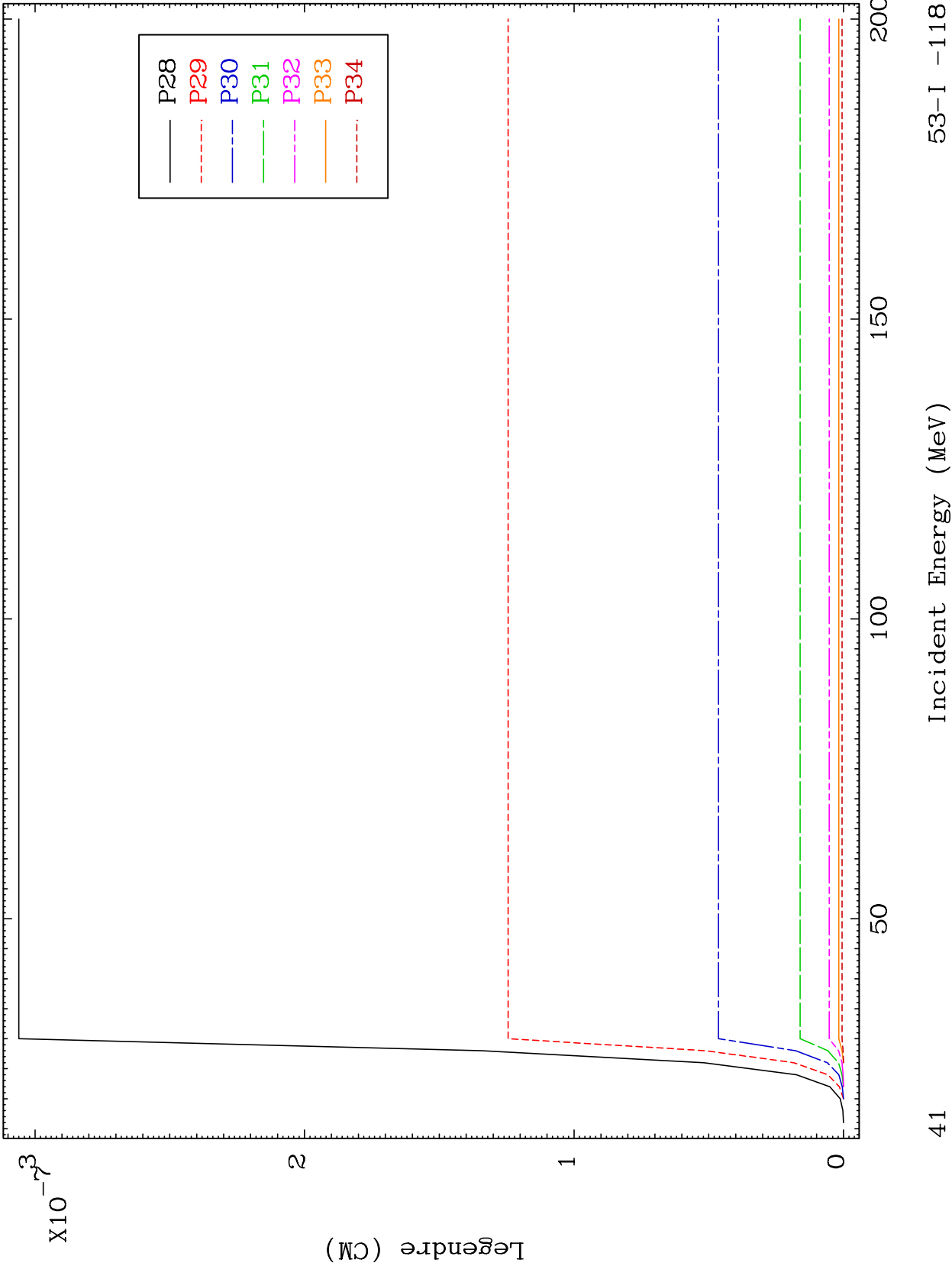
53-I -118

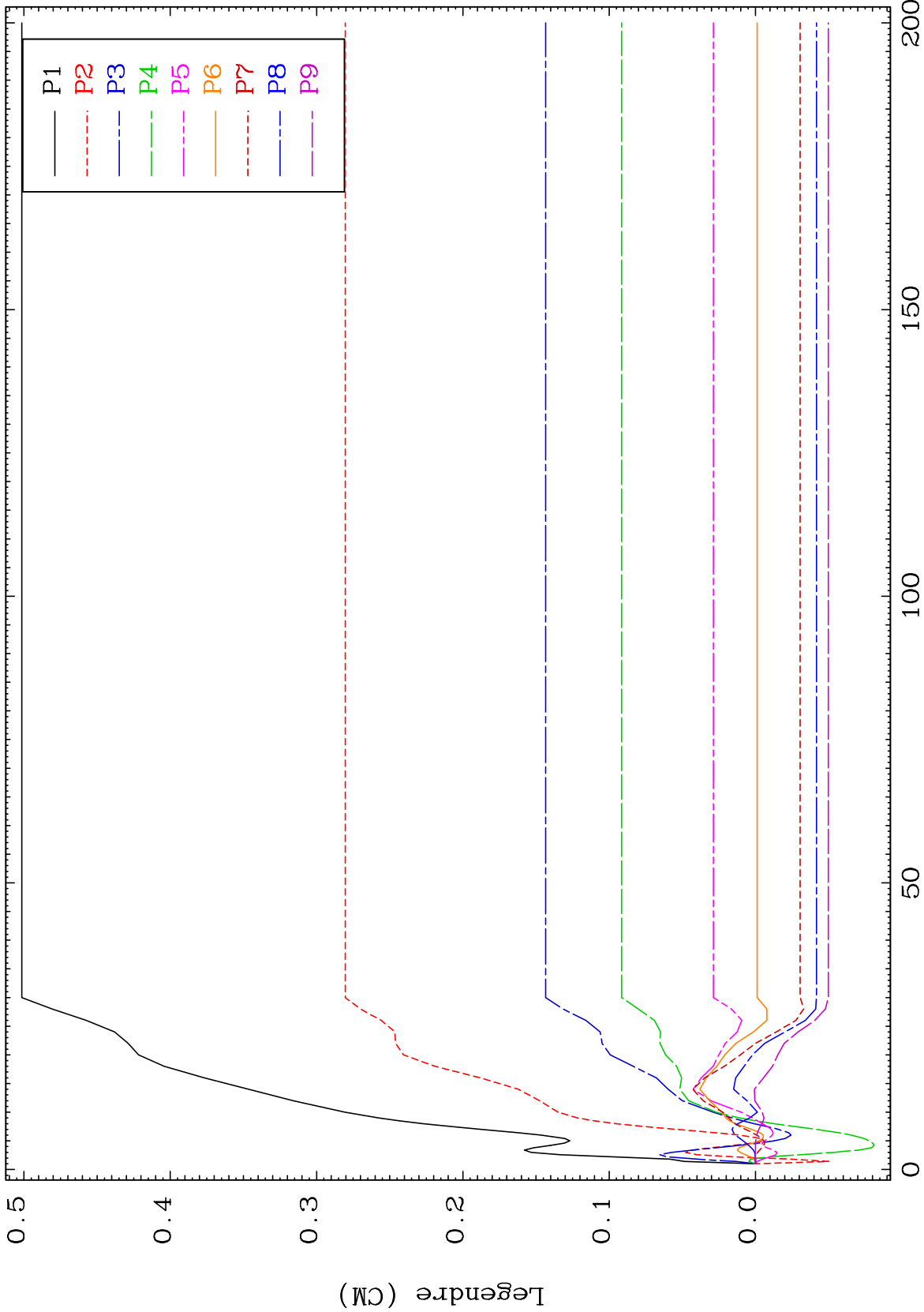


40

Incident Energy (MeV)

53-I -118

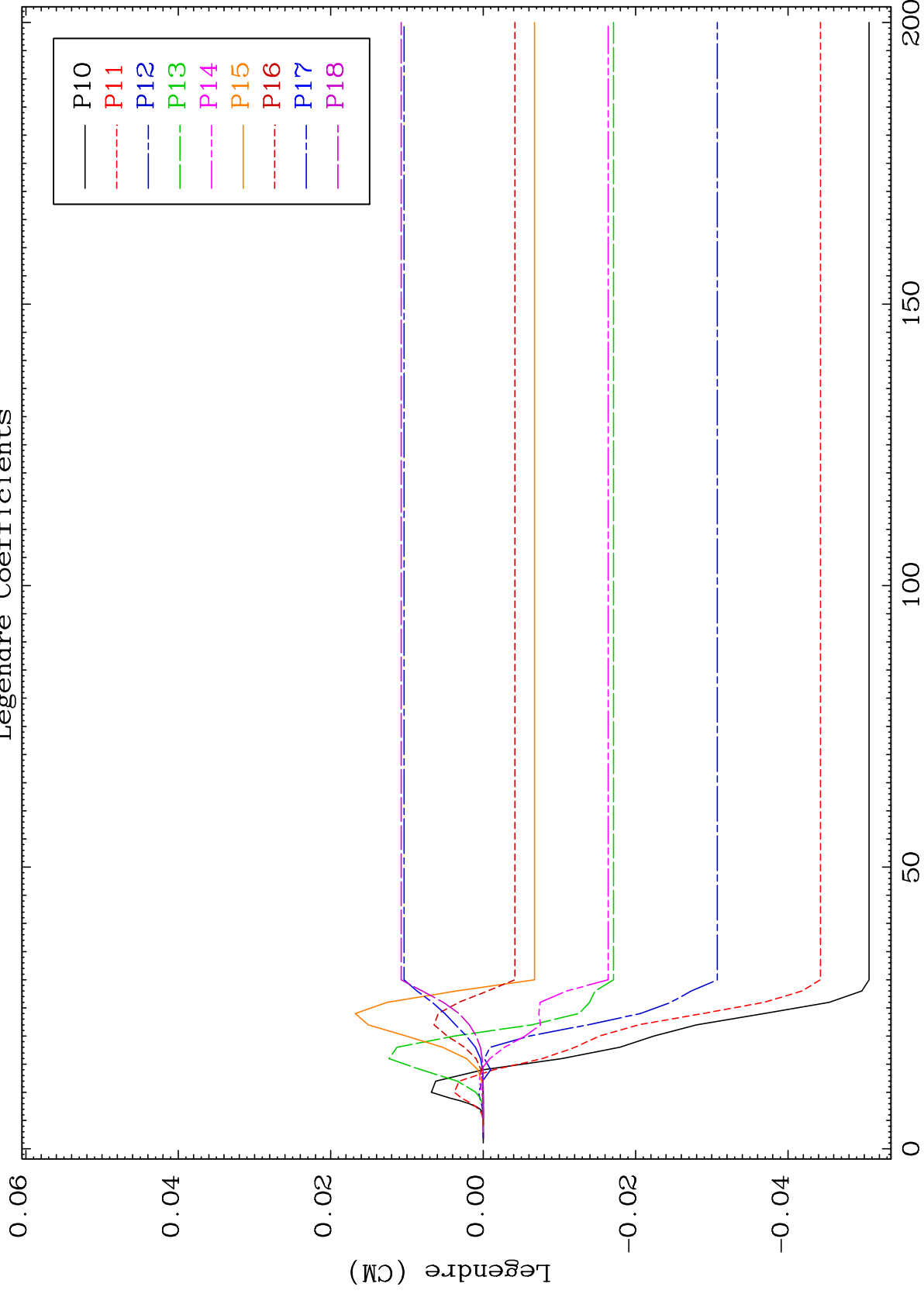




MAT 5298

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

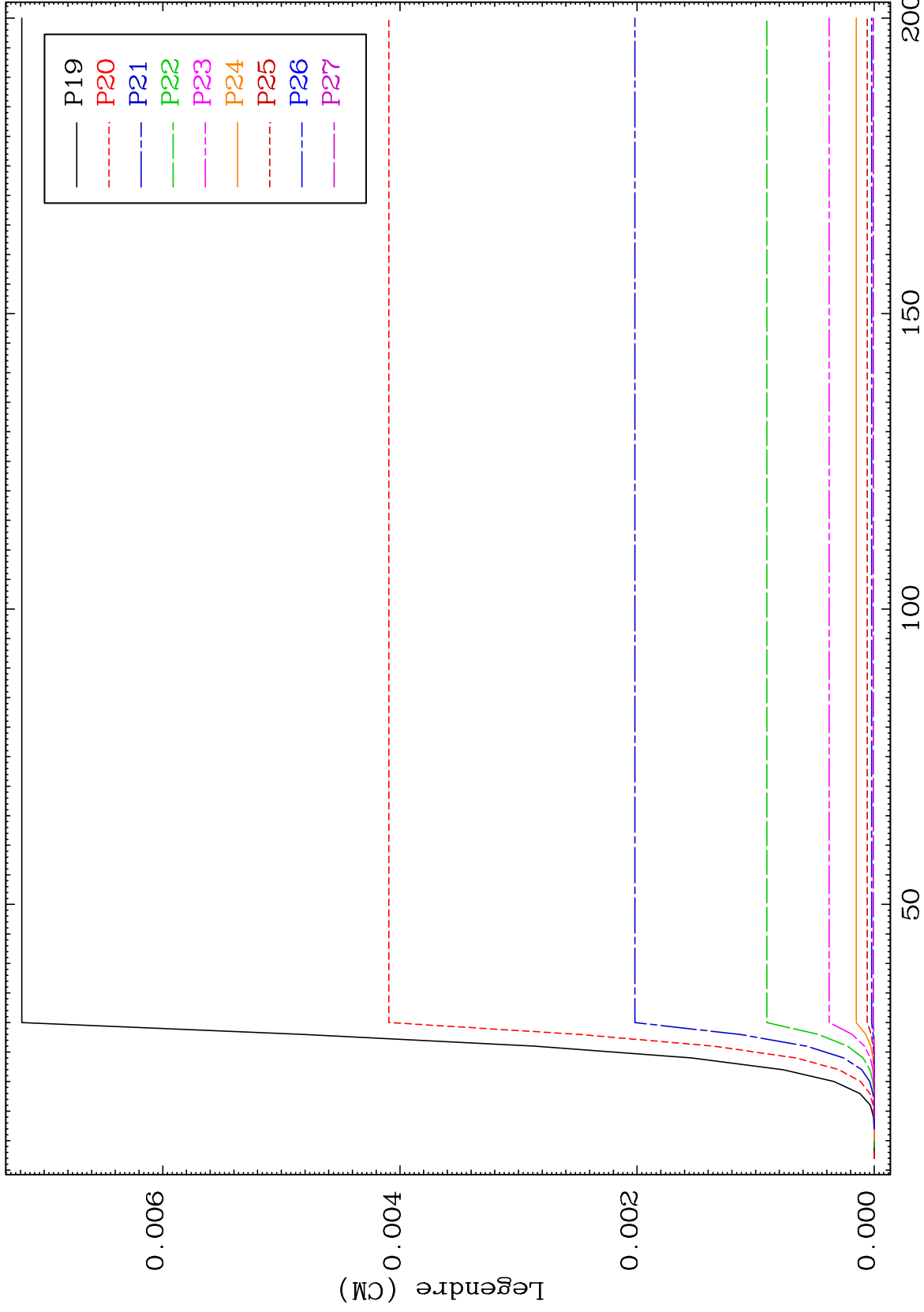
53-I -118

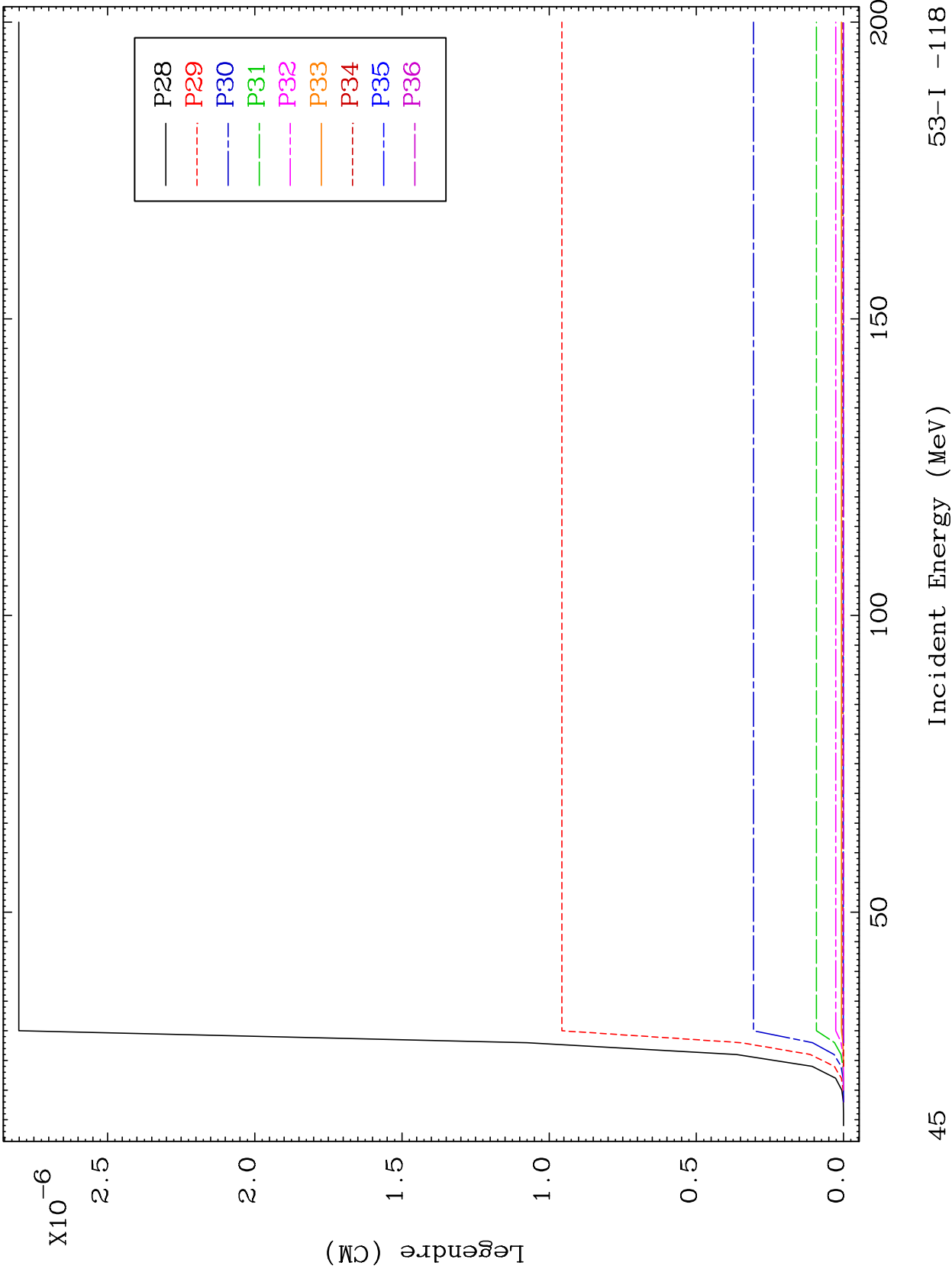


43

Incident Energy (MeV)

53-I -118

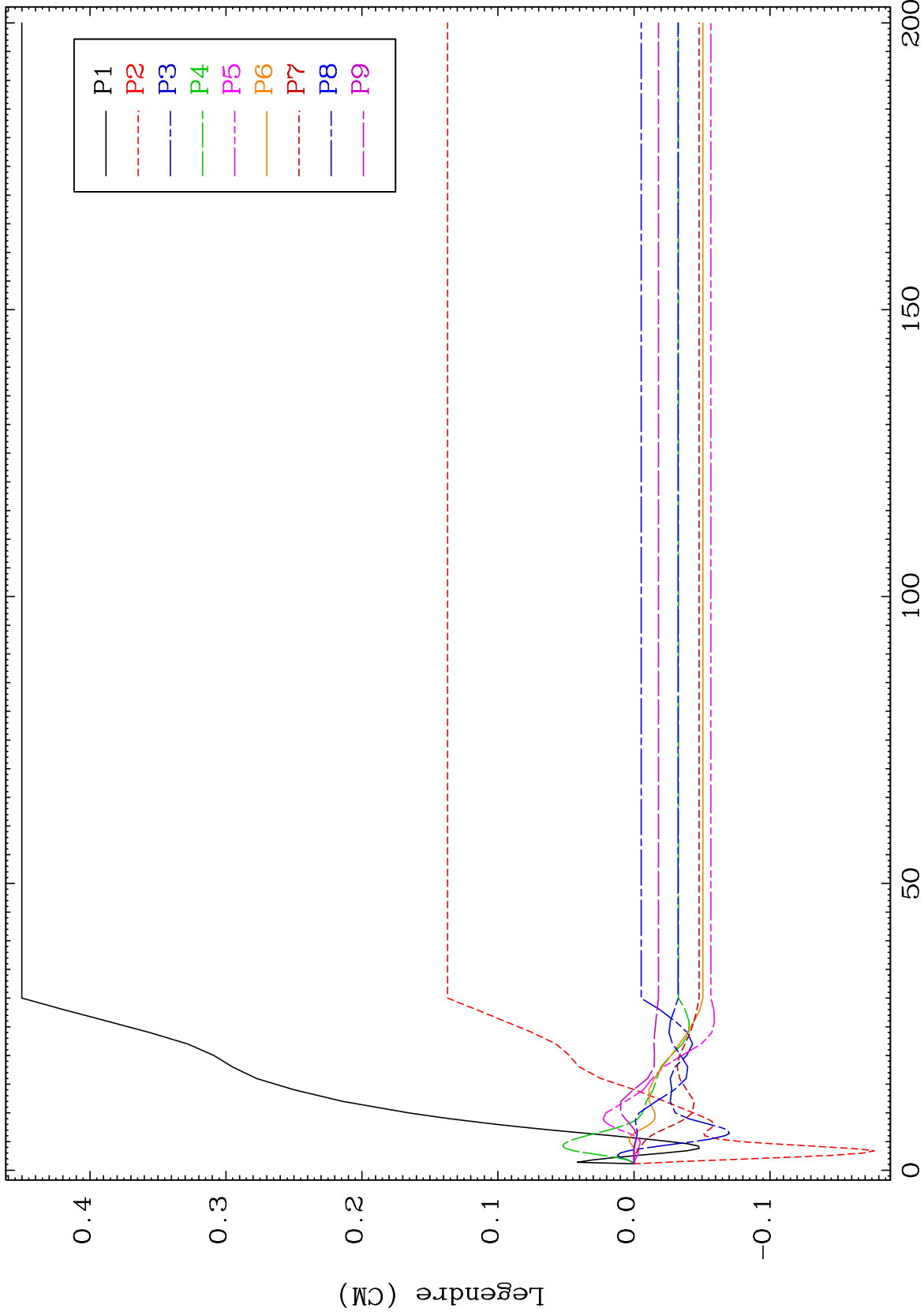




MAT 5298

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

53-I -118



46

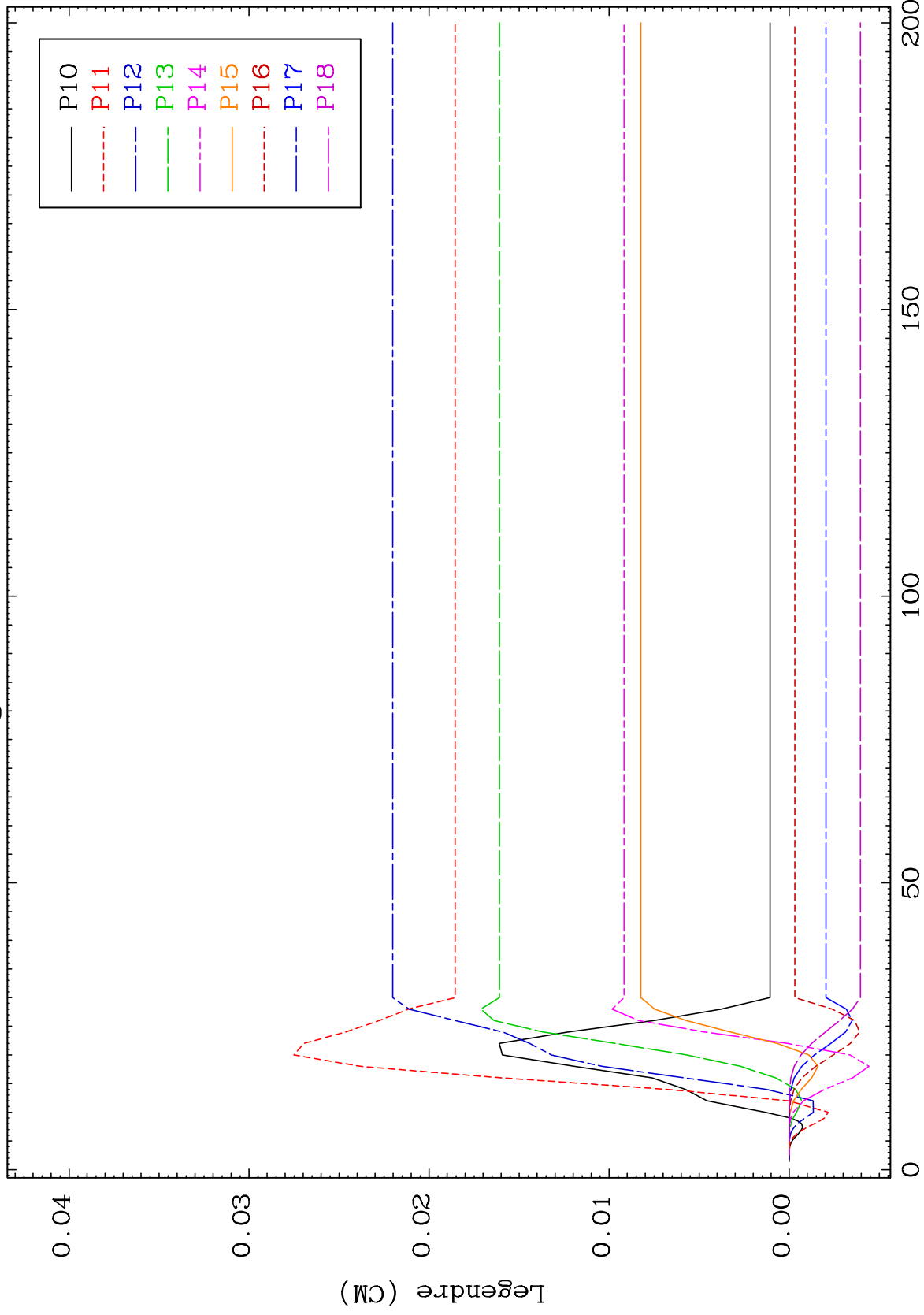
Incident Energy (MeV)

53-I -118

MAT 5298

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

53-I -118

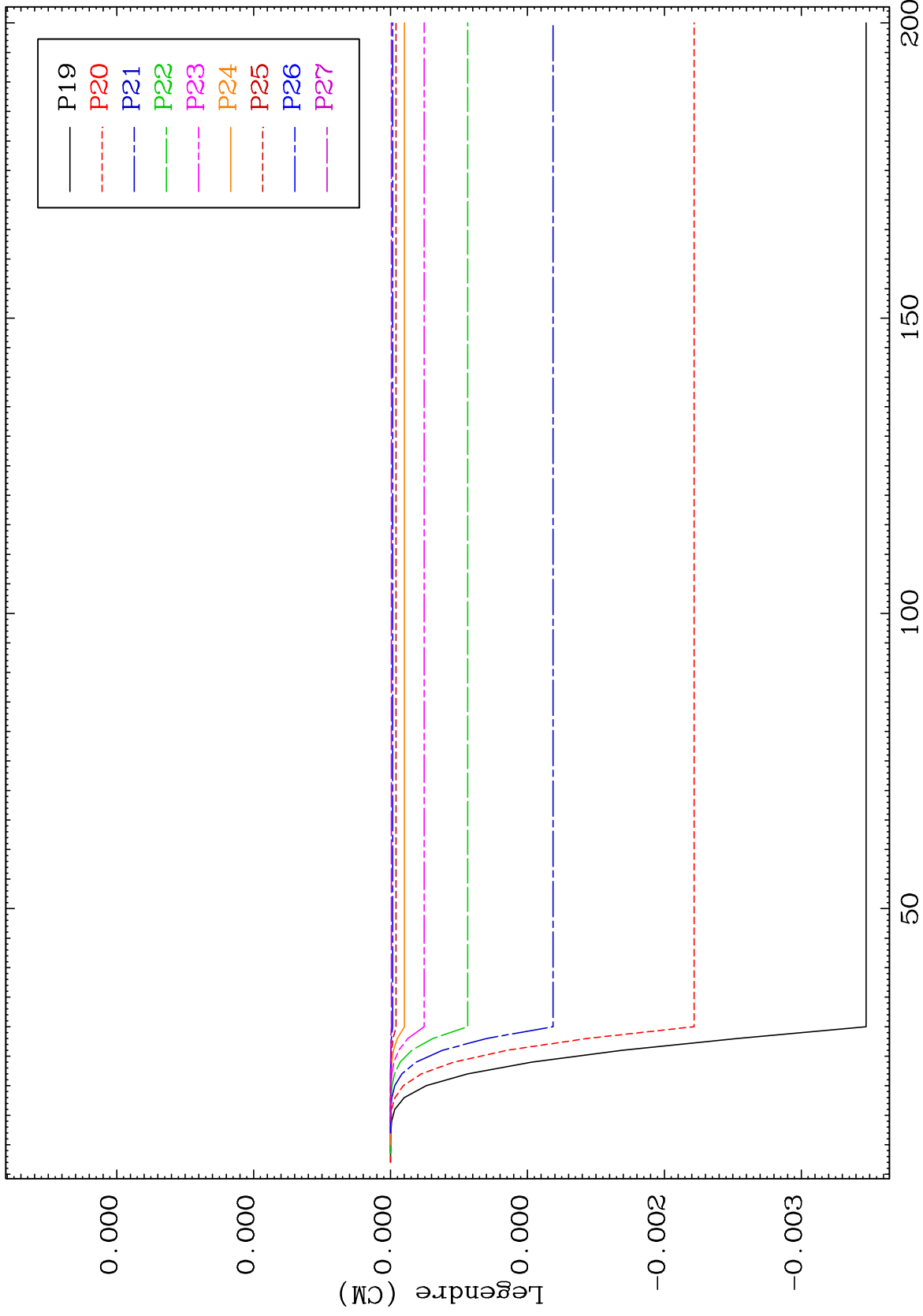


47

Incident Energy (MeV)

53-I -118



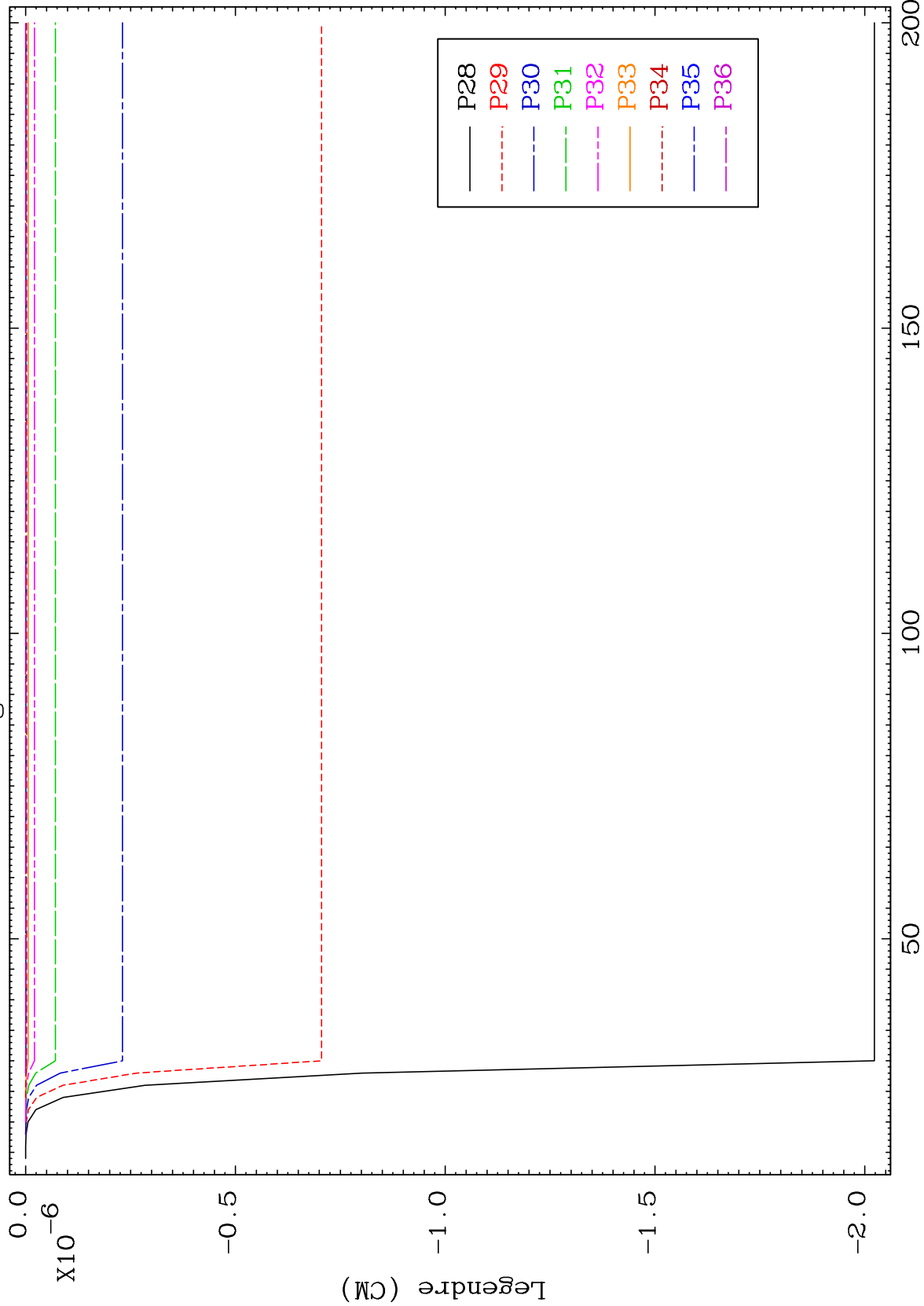


MAT 5298

MT= 59 (n,n') Level

53-I -118

Legendre Coefficients



49

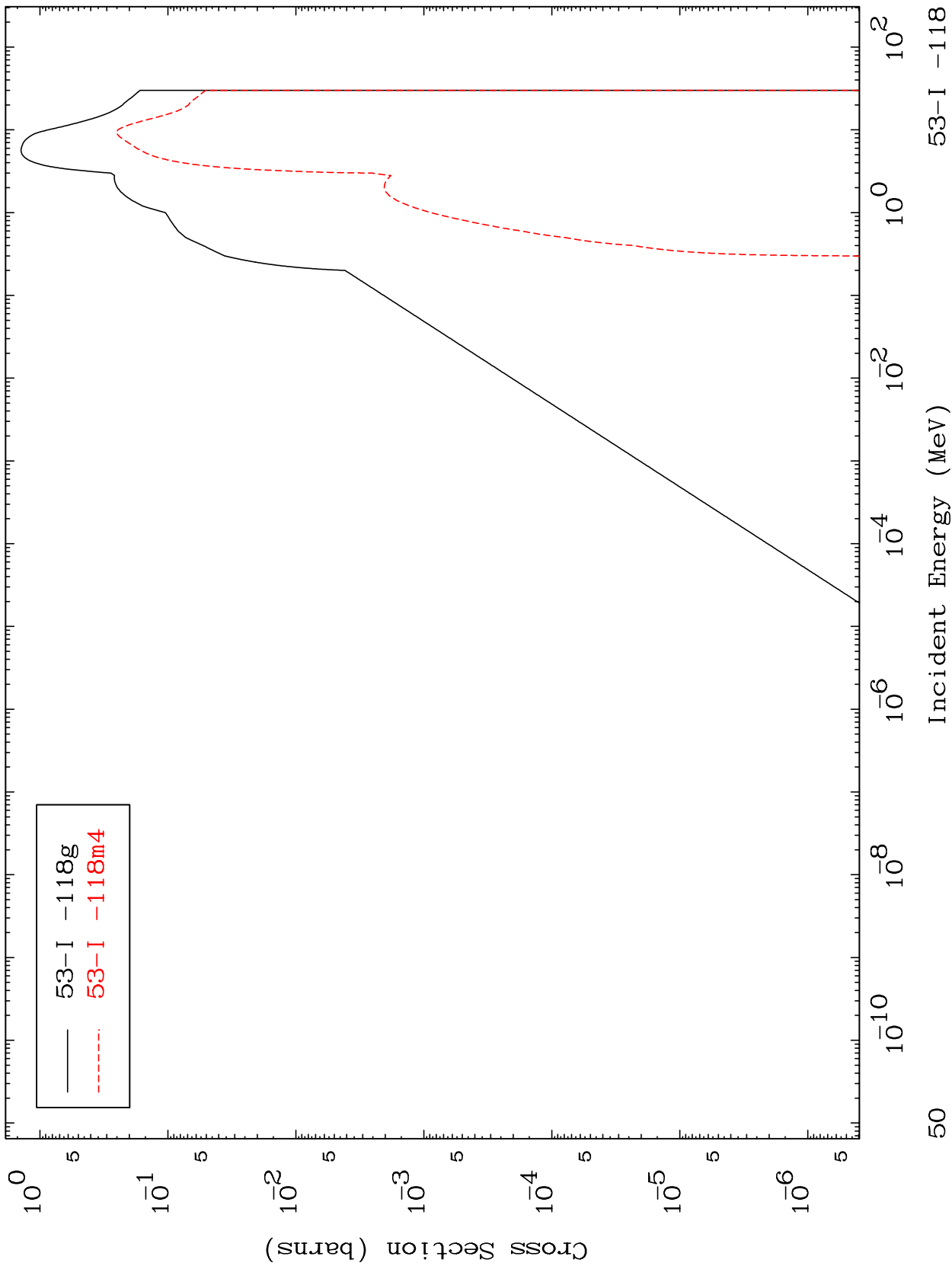
Incident Energy (MeV)

53-I -118

MAT 5298

53-I -118

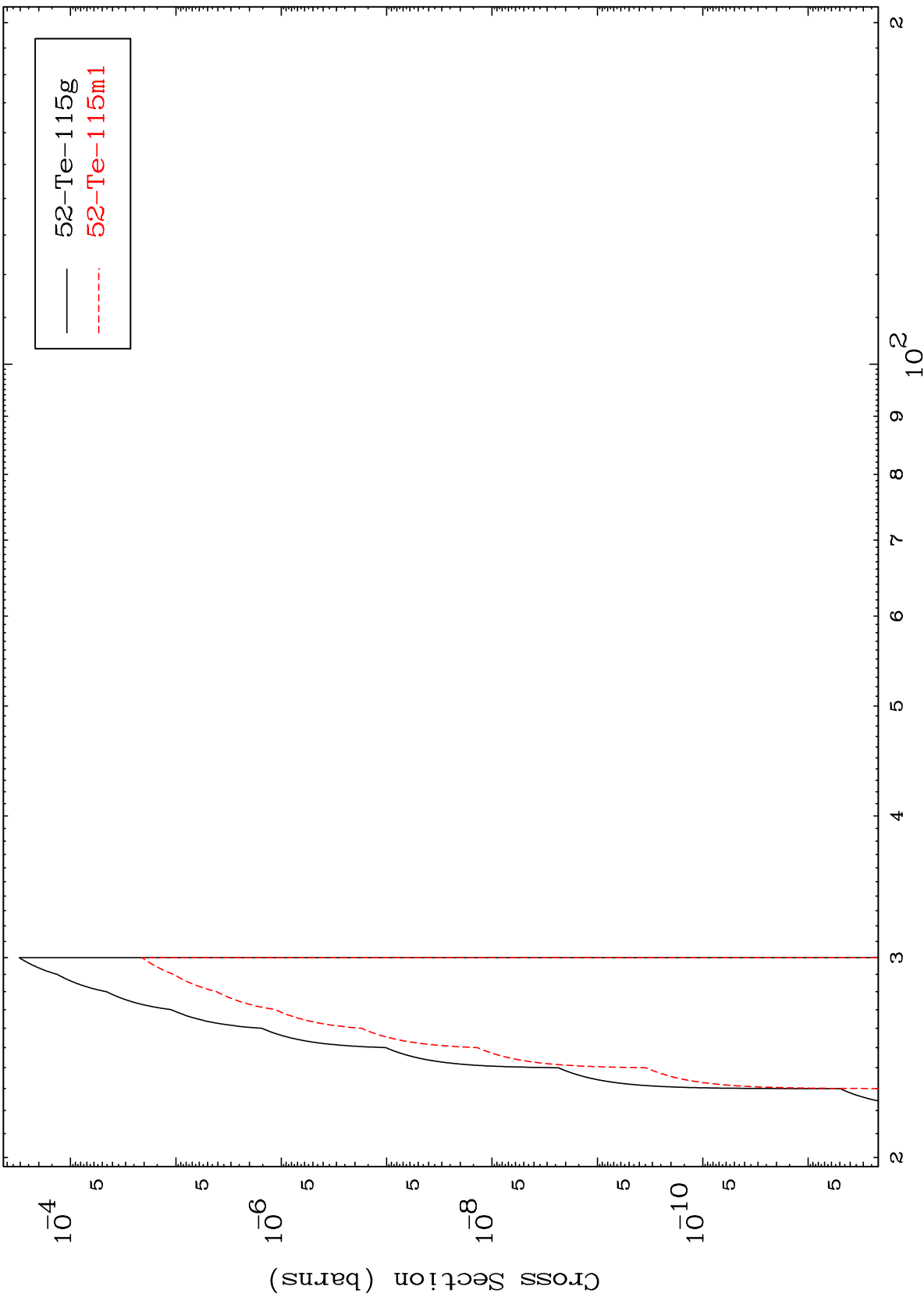
Inelastic  
Radionuclide Production Cross Section



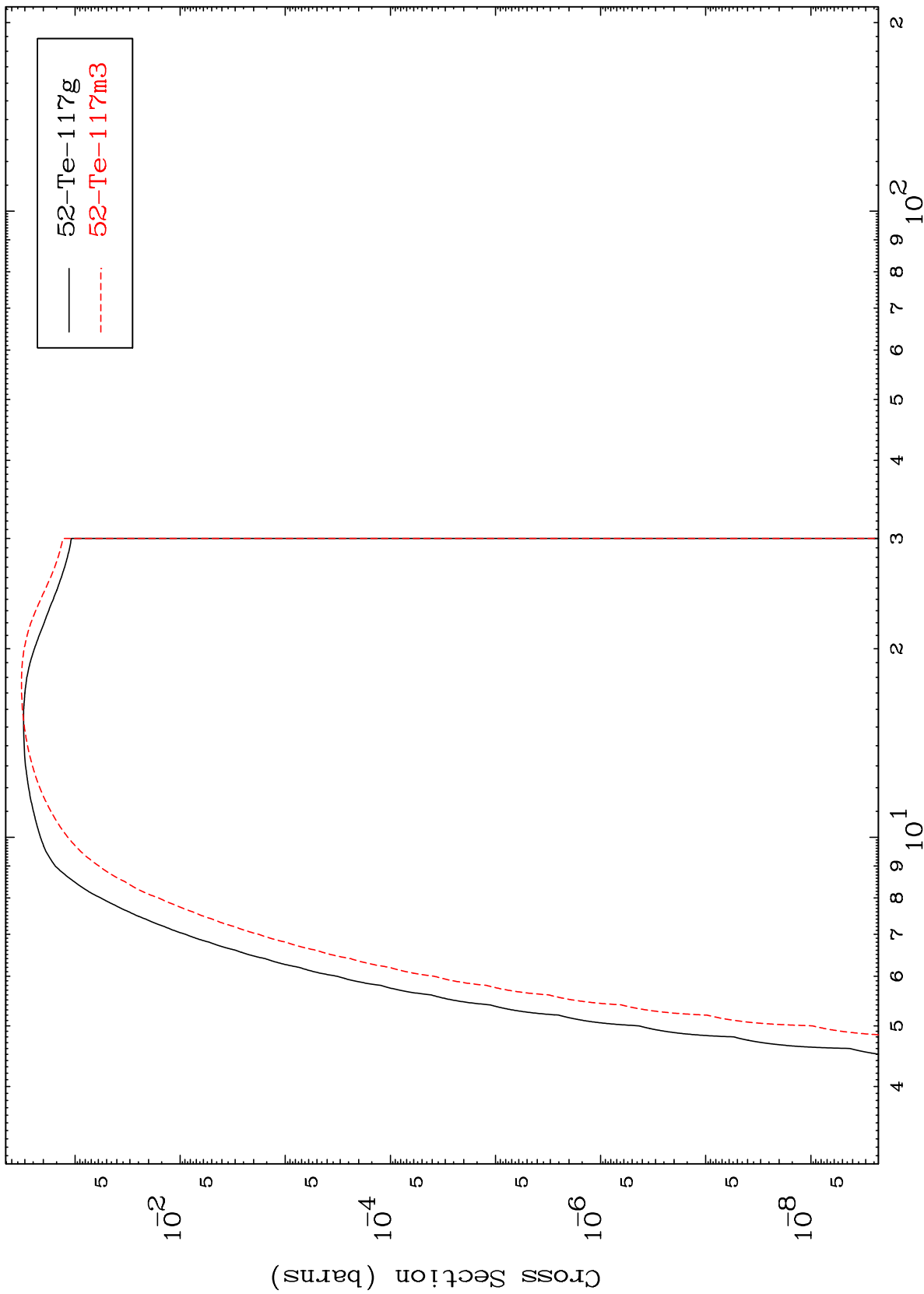
50

53-I -118

Radionuclide Production Cross Section



Radionuclide Production Cross Section

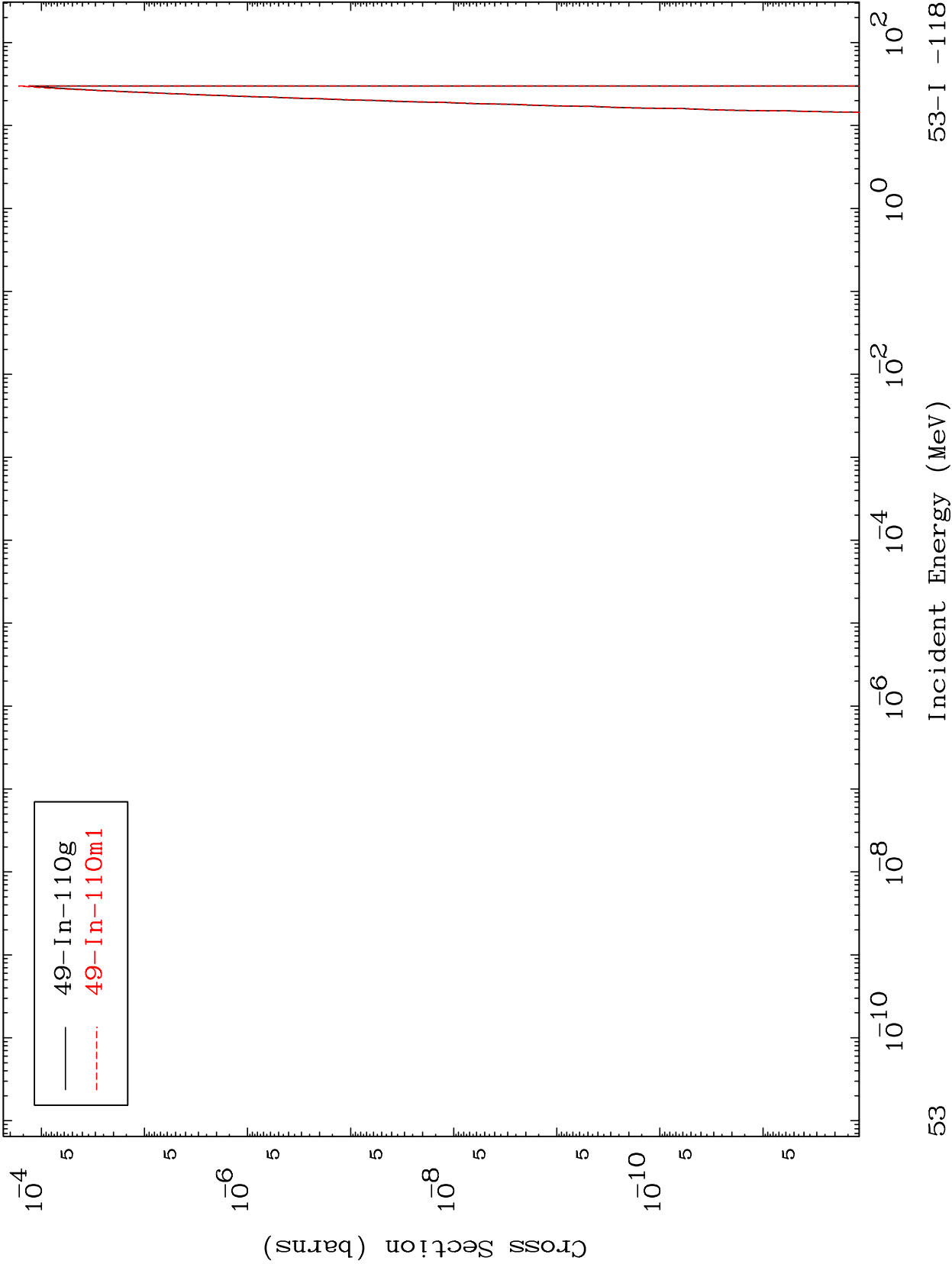


MAT 5298

(n,n') 2α

53-I -118

Radionuclide Production Cross Section

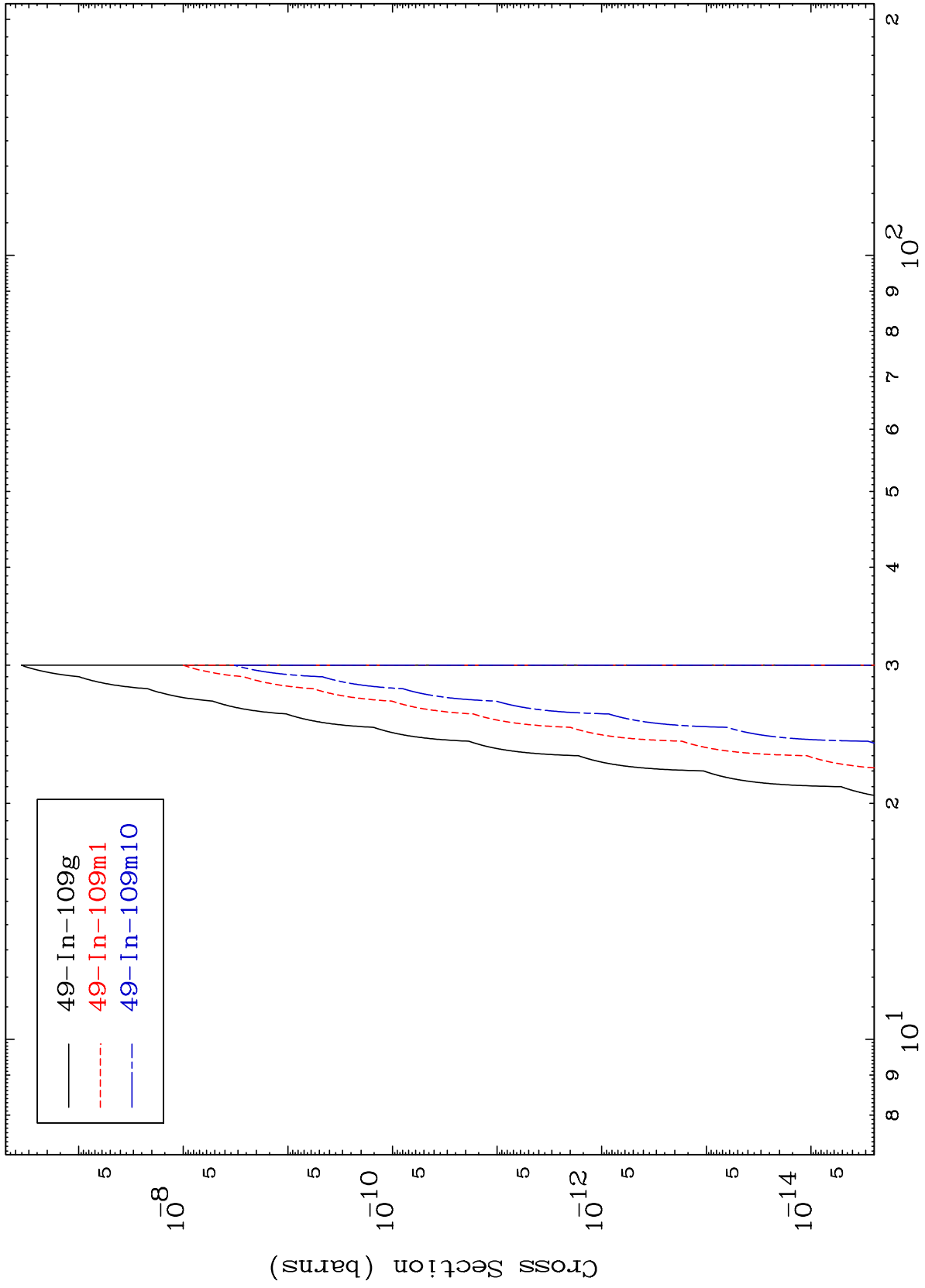


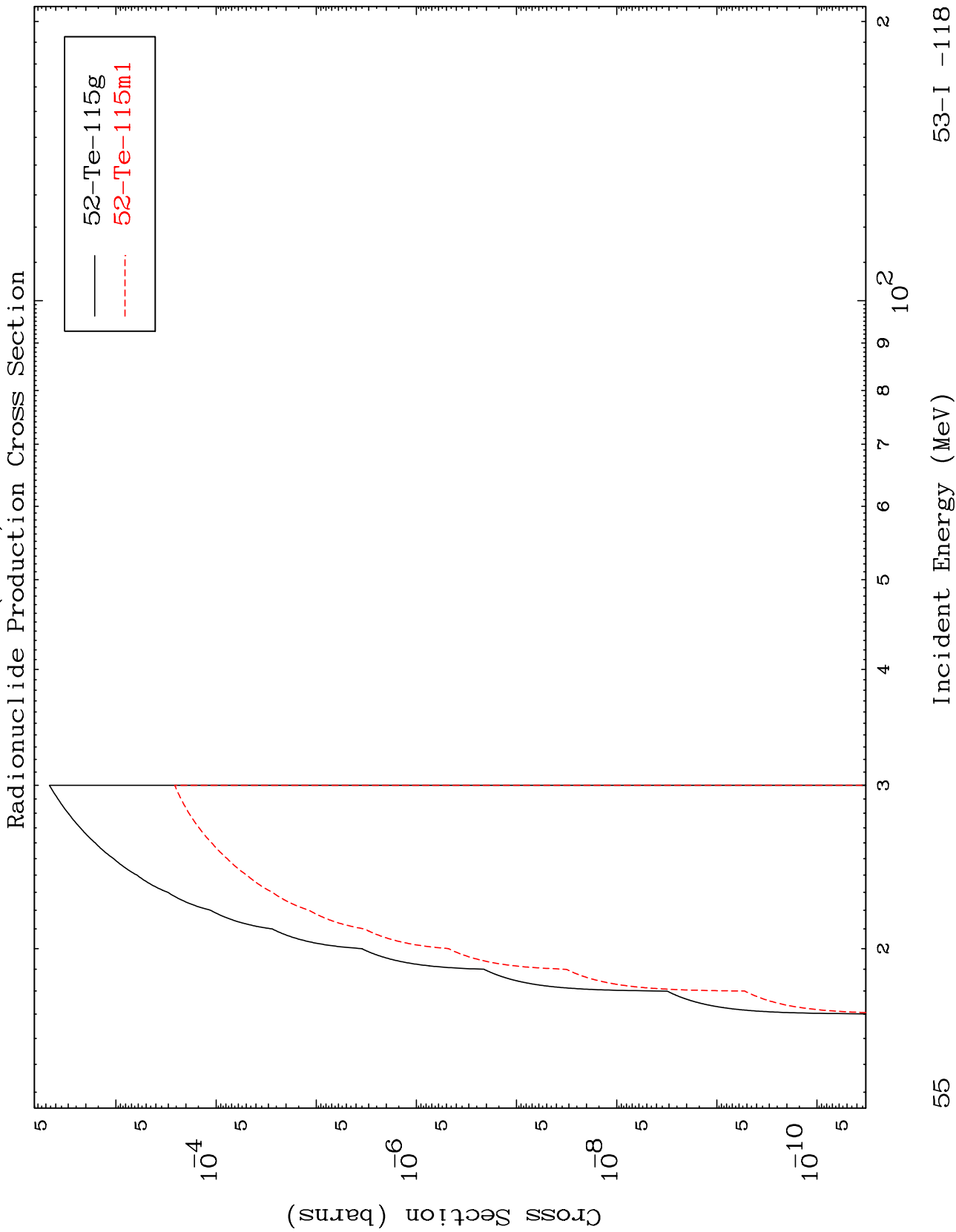
53

Incident Energy (MeV)

53-I -118

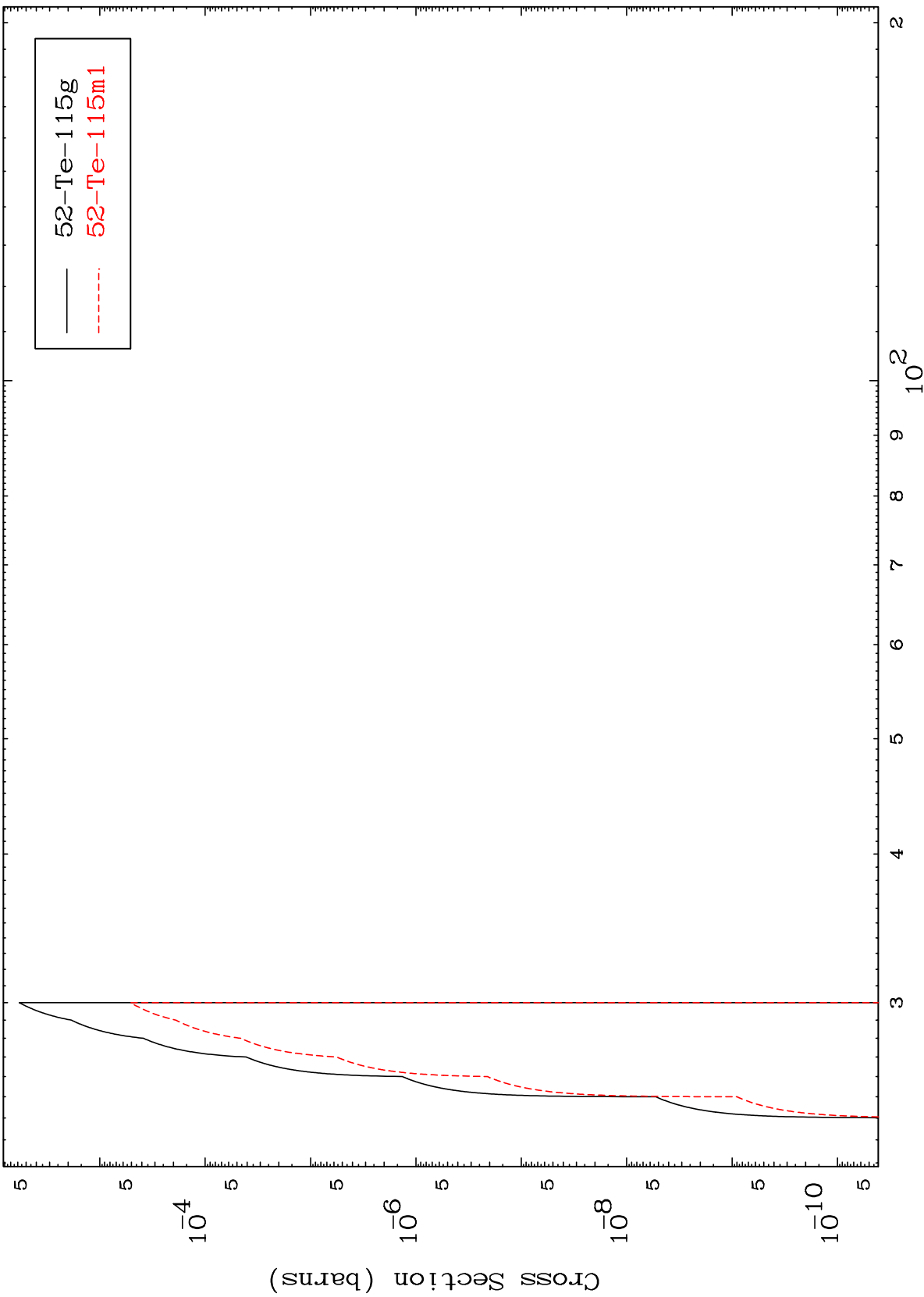
Radionuclide Production Cross Section





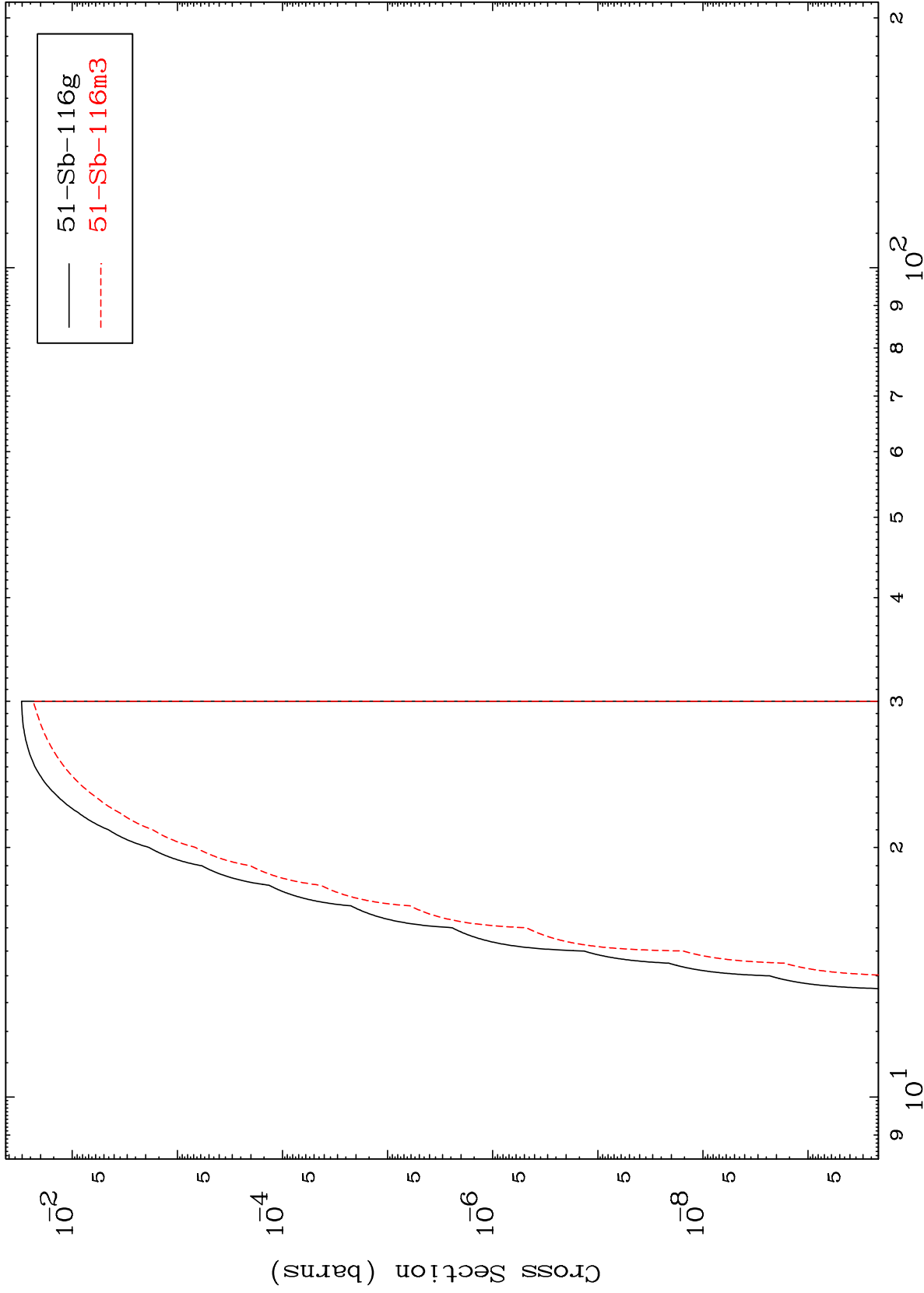


Radionuclide Production Cross Section

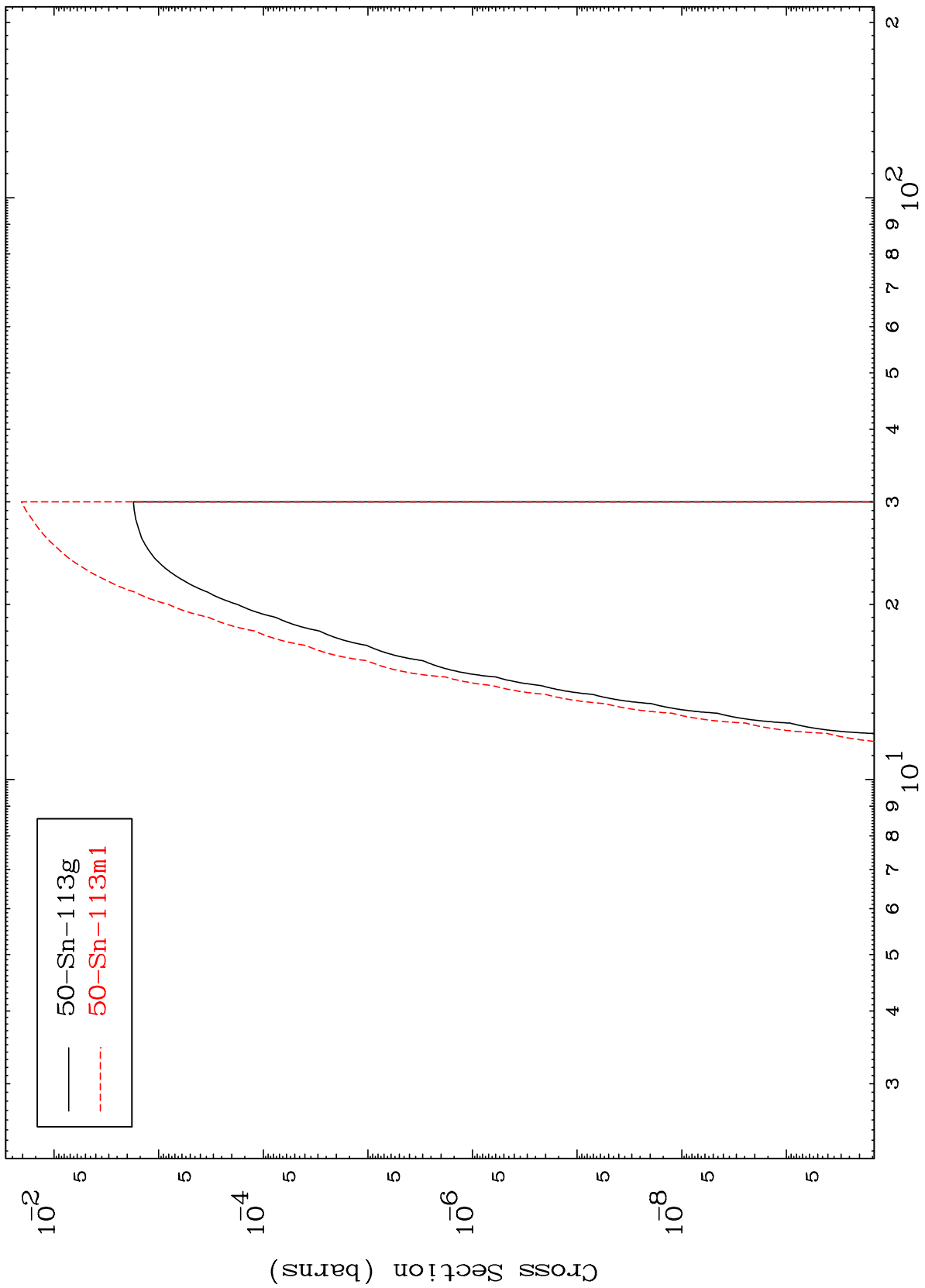


52-Te-115g  
52-Te-115m1

Radionuclide Production Cross Section



Radionuclide Production Cross Section

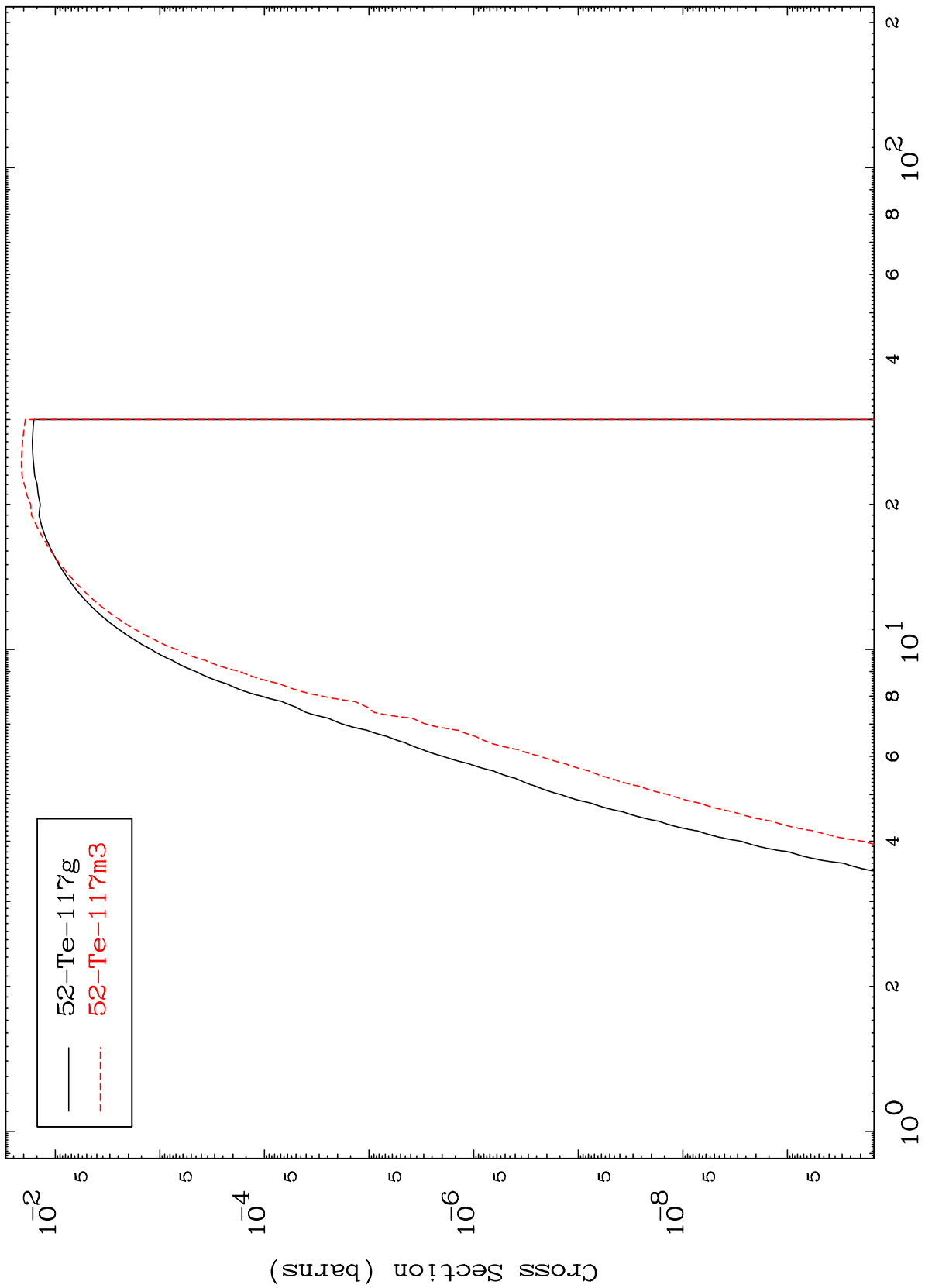


— 50-Sn-113g  
- - - 50-Sn-113m1

MAT 5298

53-I -118

(n,d)  
Radionuclide Production Cross Section



59

Incident Energy (MeV)

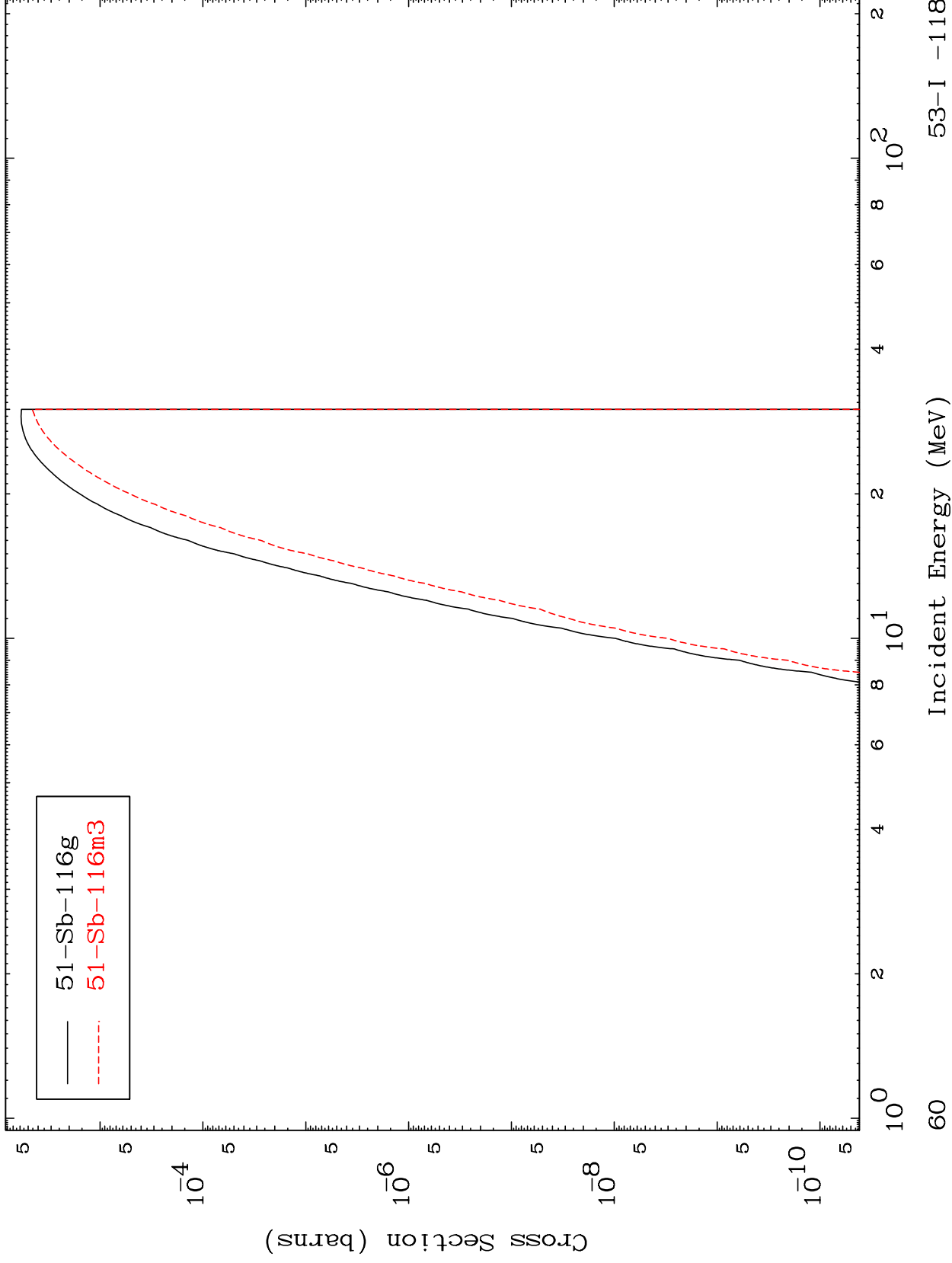
53-I -118

MAT 5298

(n,He-3)

53-I -118

Radionuclide Production Cross Section



Incident Energy (MeV)

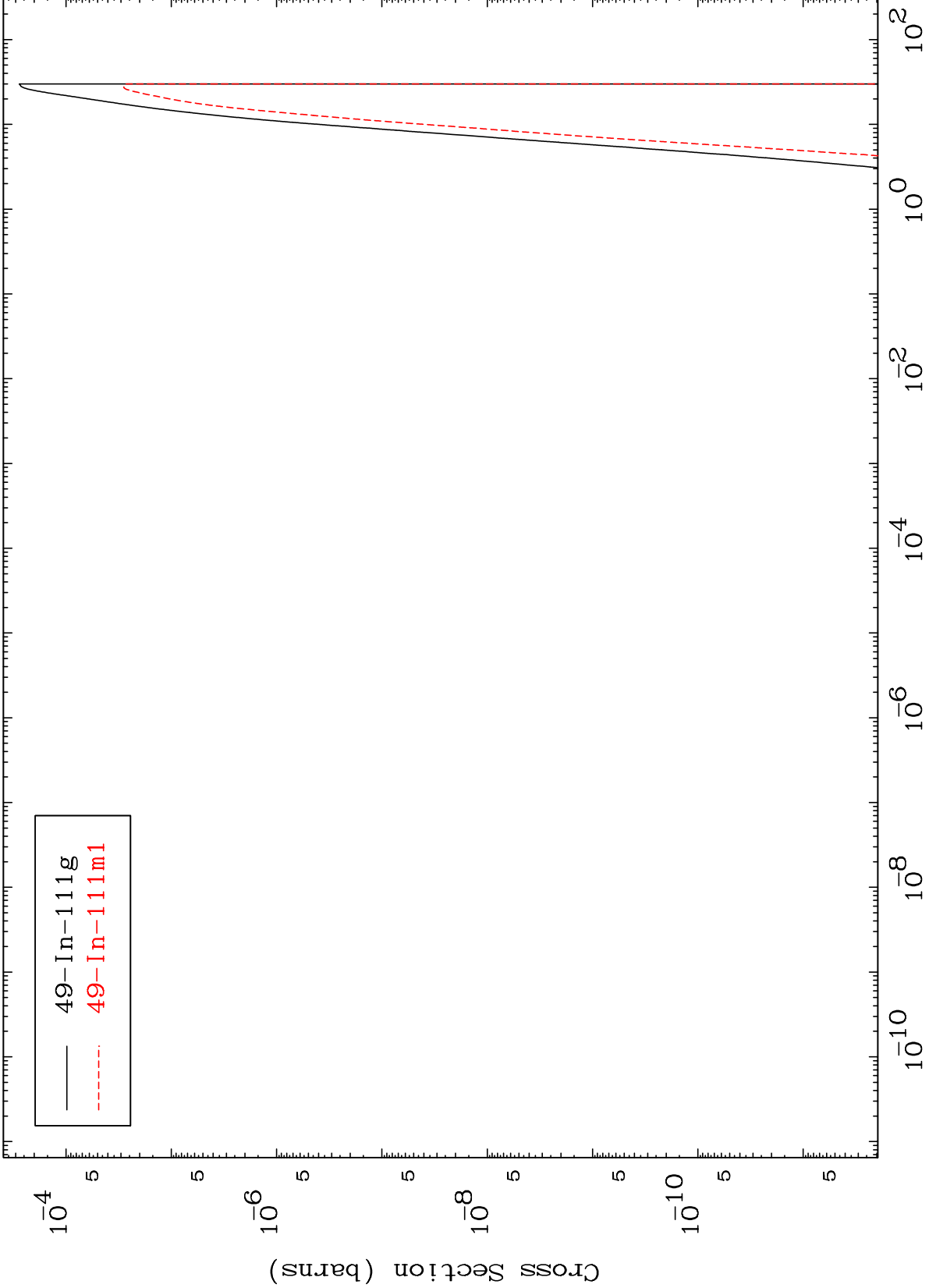
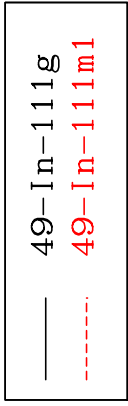
53-I -118

MAT 5298

(n,2α)

53-I -118

Radionuclide Production Cross Section



61

Incident Energy (MeV)

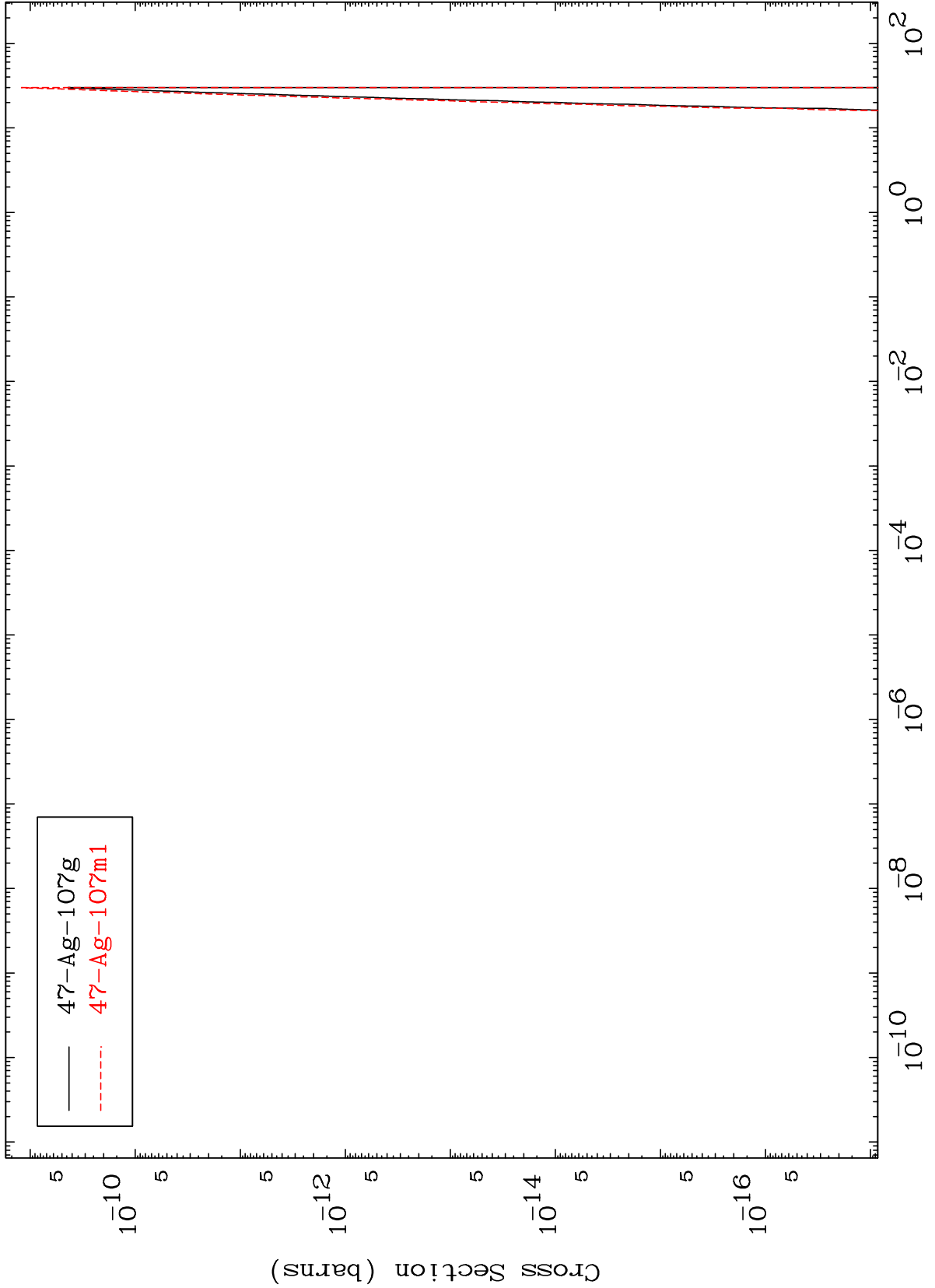
53-I -118

MAT 5298

(n,3 $\alpha$ )

53-I -118

Radionuclide Production Cross Section

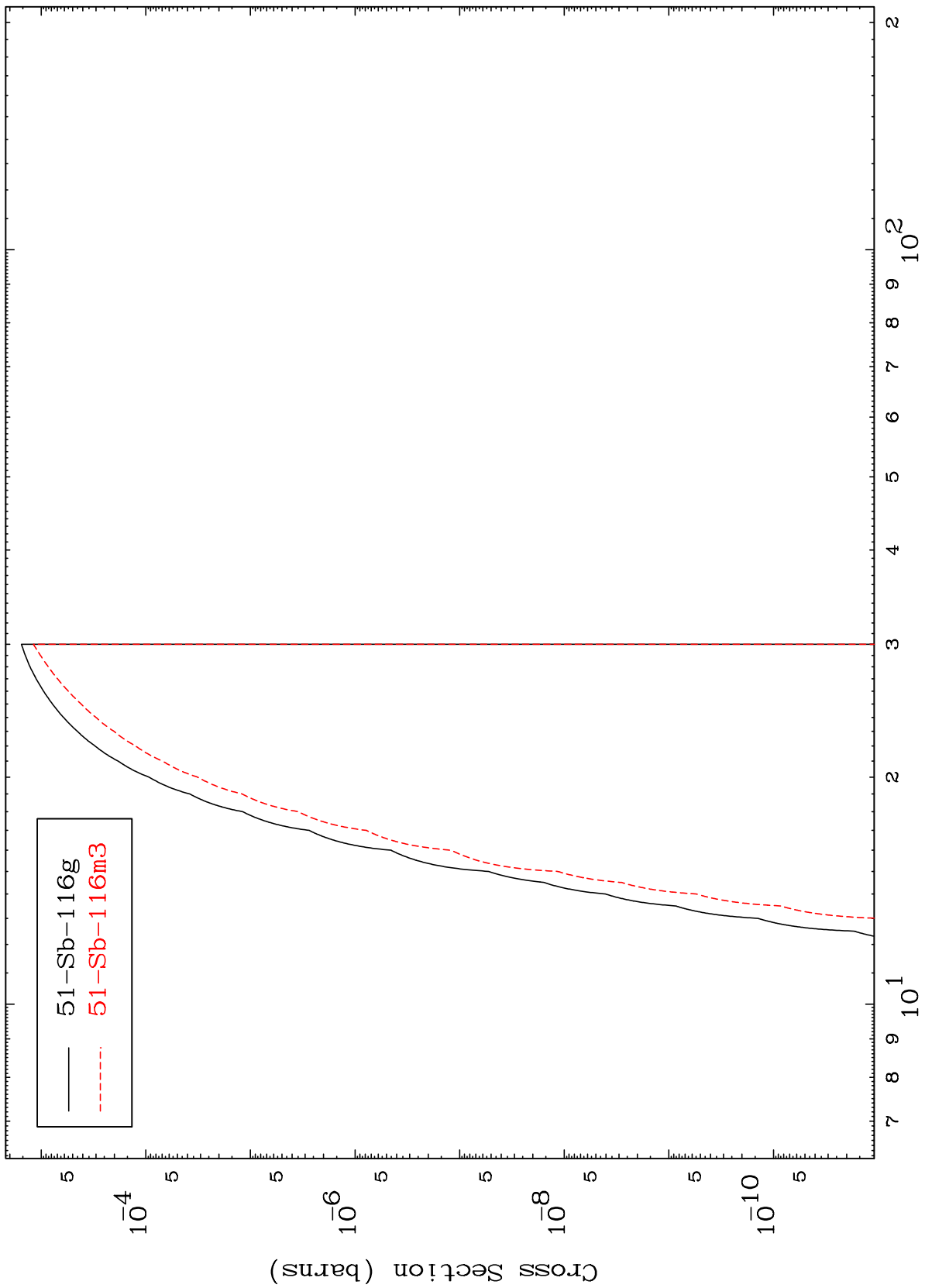


62

Incident Energy (MeV)

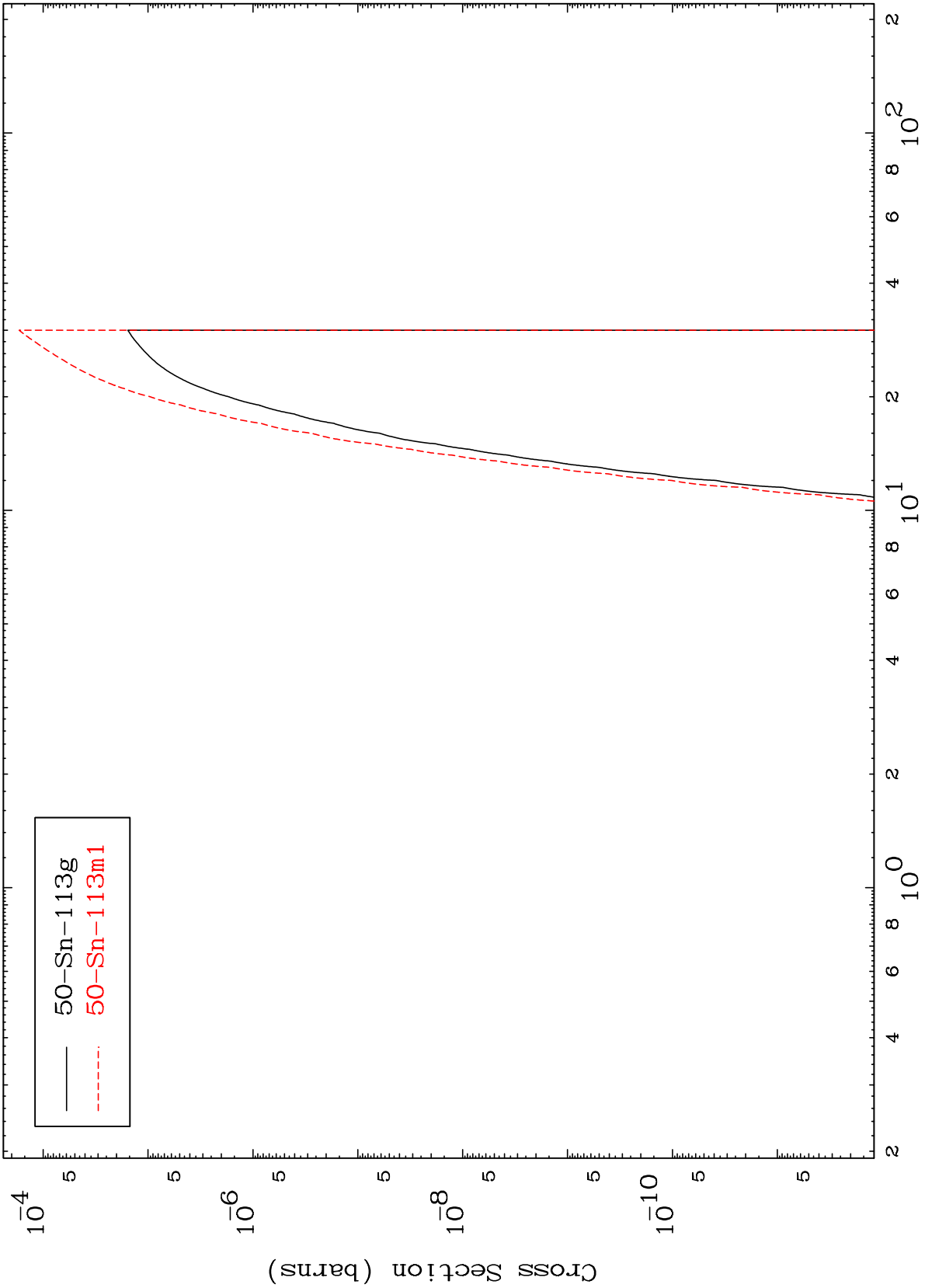
53-I -118

Radionuclide Production Cross Section





Radionuclide Production Cross Section



— 50-Sn-113g  
- - - 50-Sn-113m1