

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

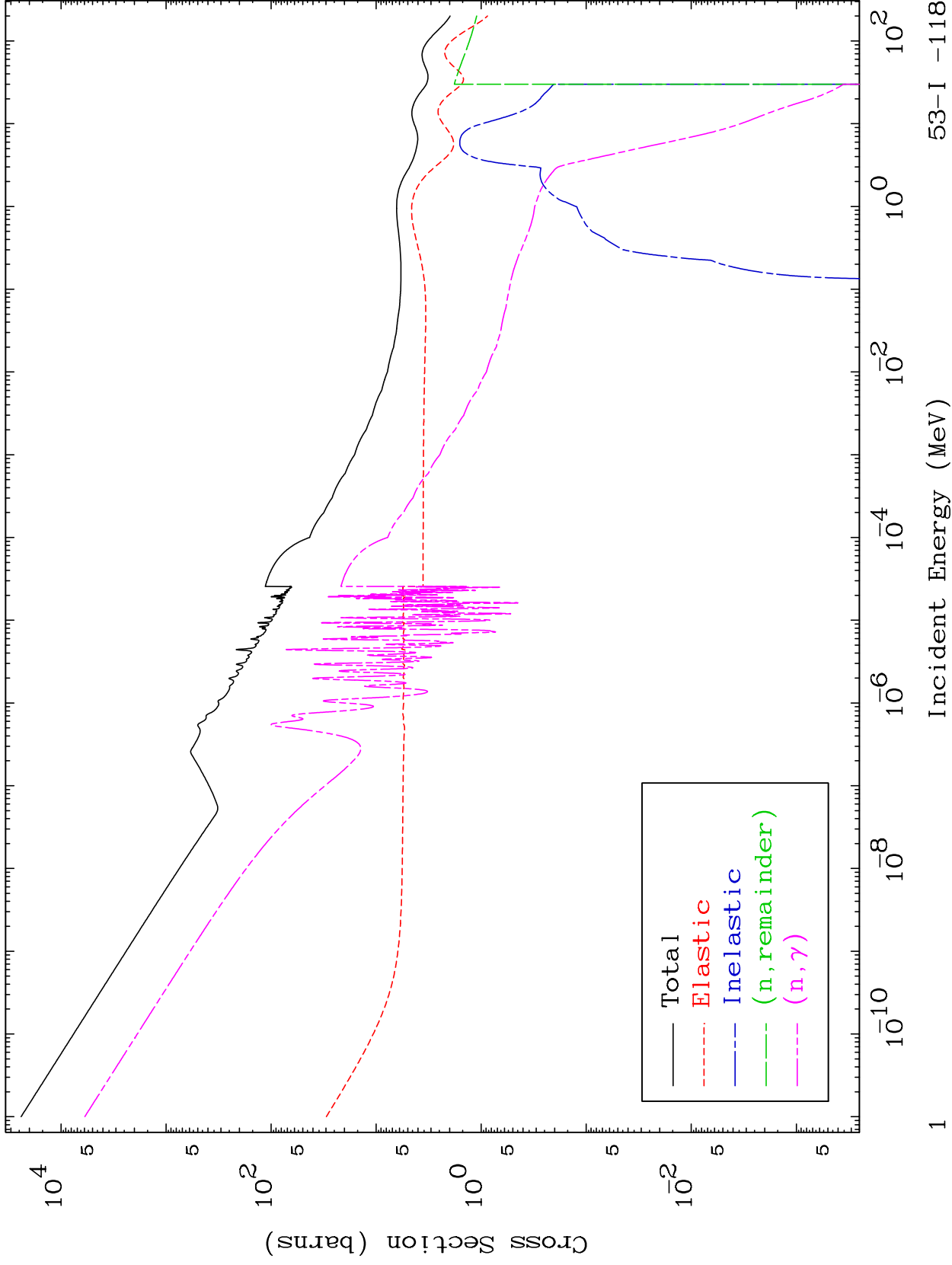
Web:redcullen1.net/HOMEPAGE.NEW

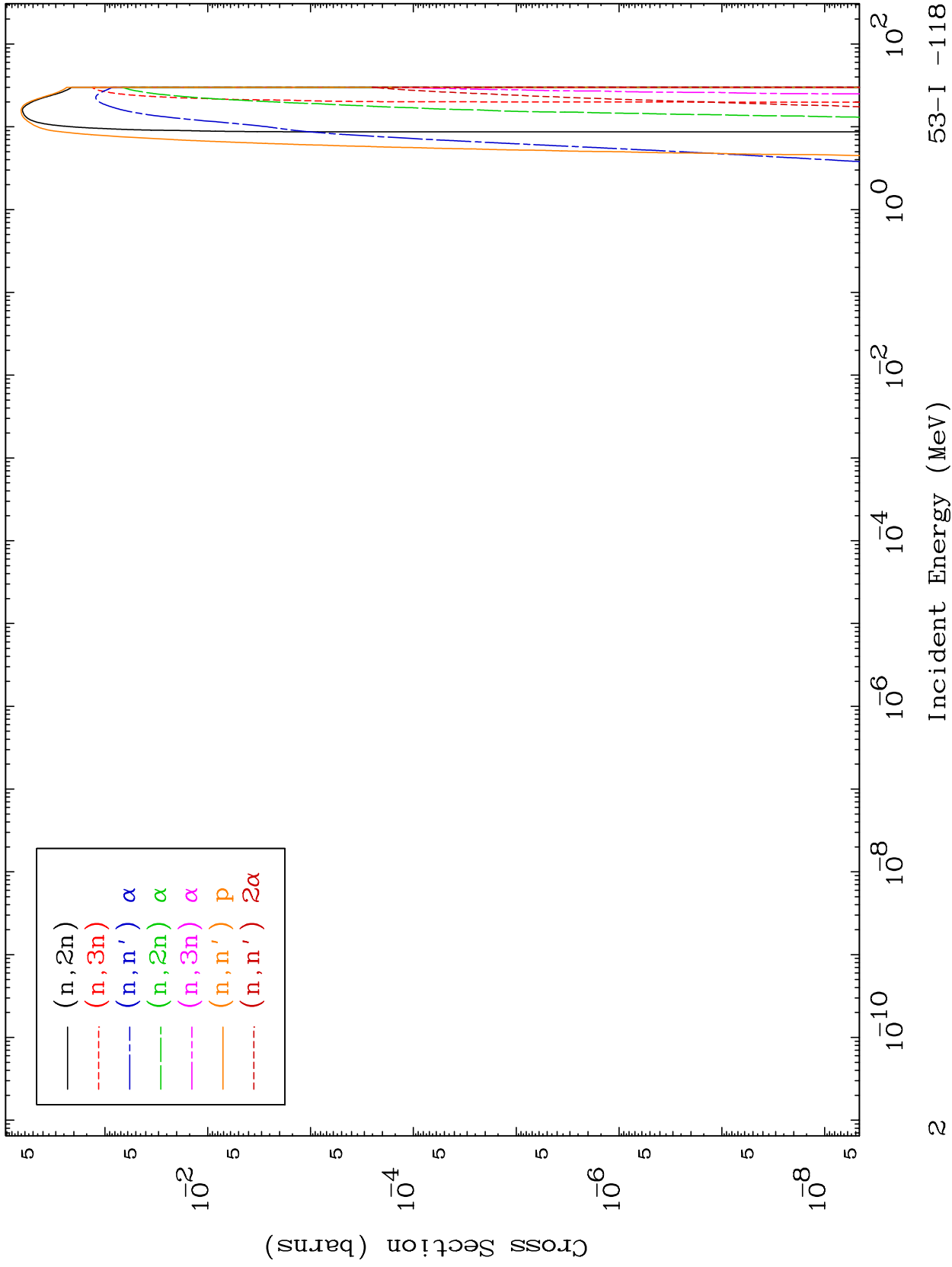
Press Mouse Button to Start

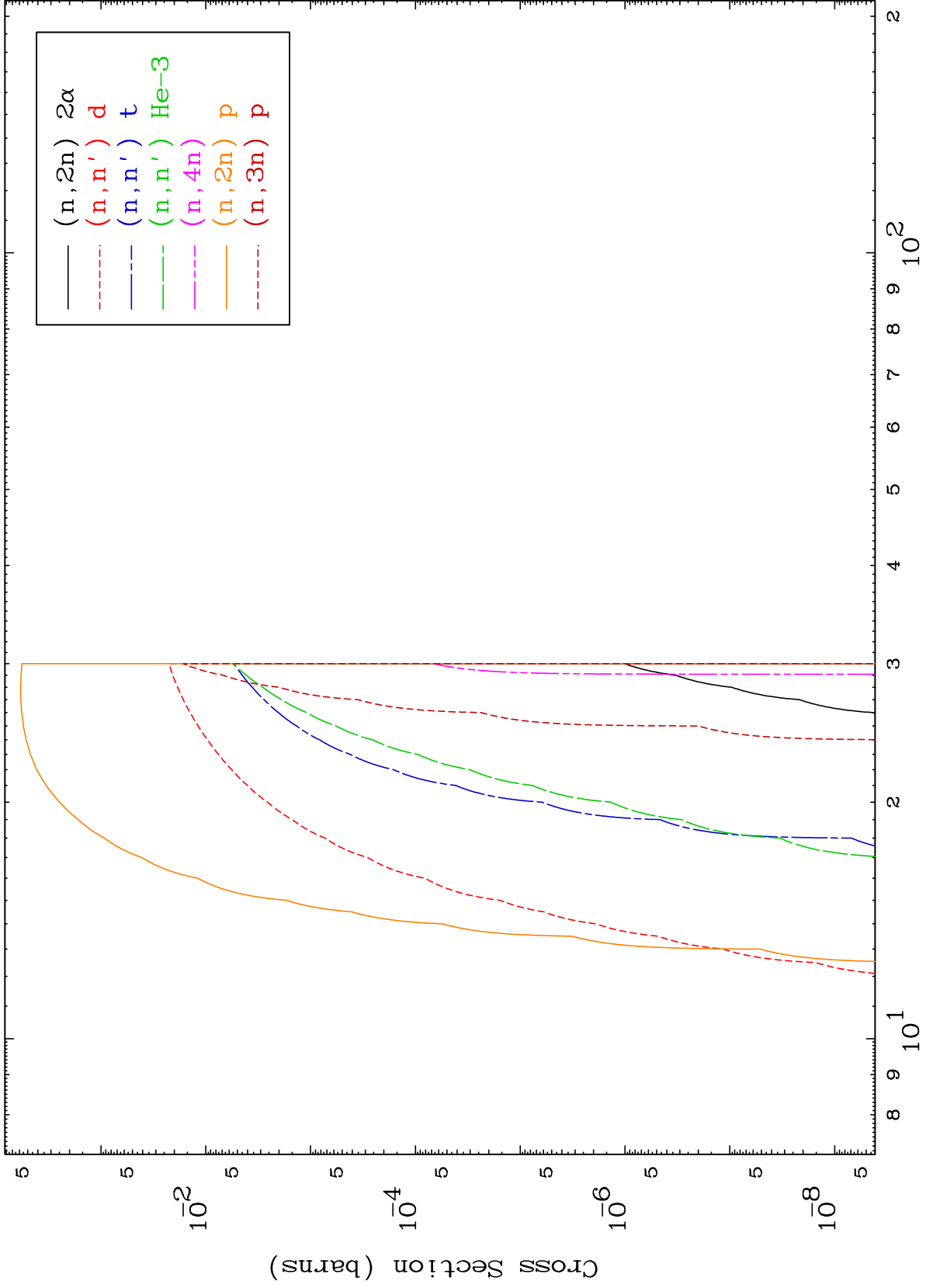
MAT 5298

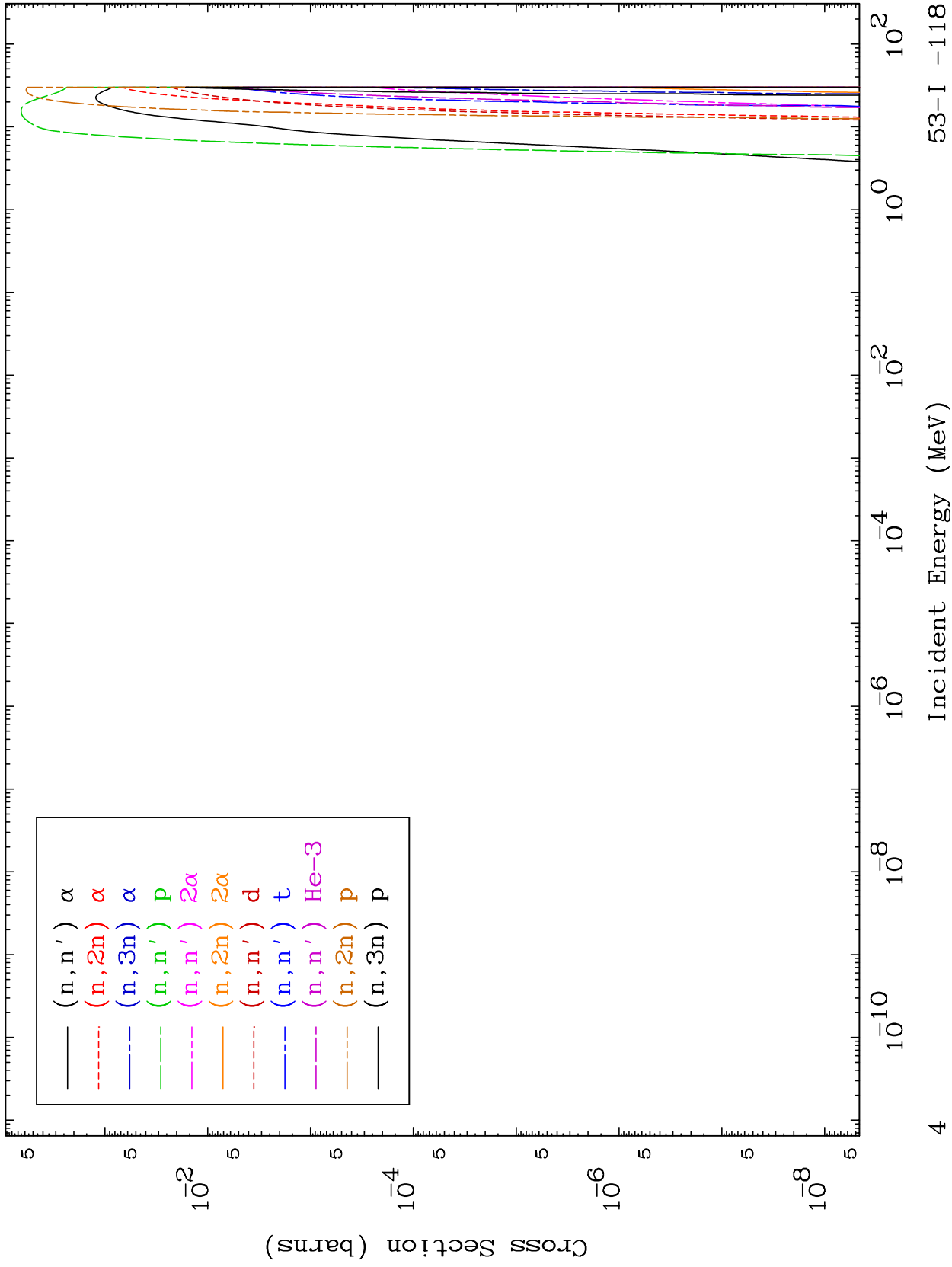
Major
293 Kelvin Cross Sections

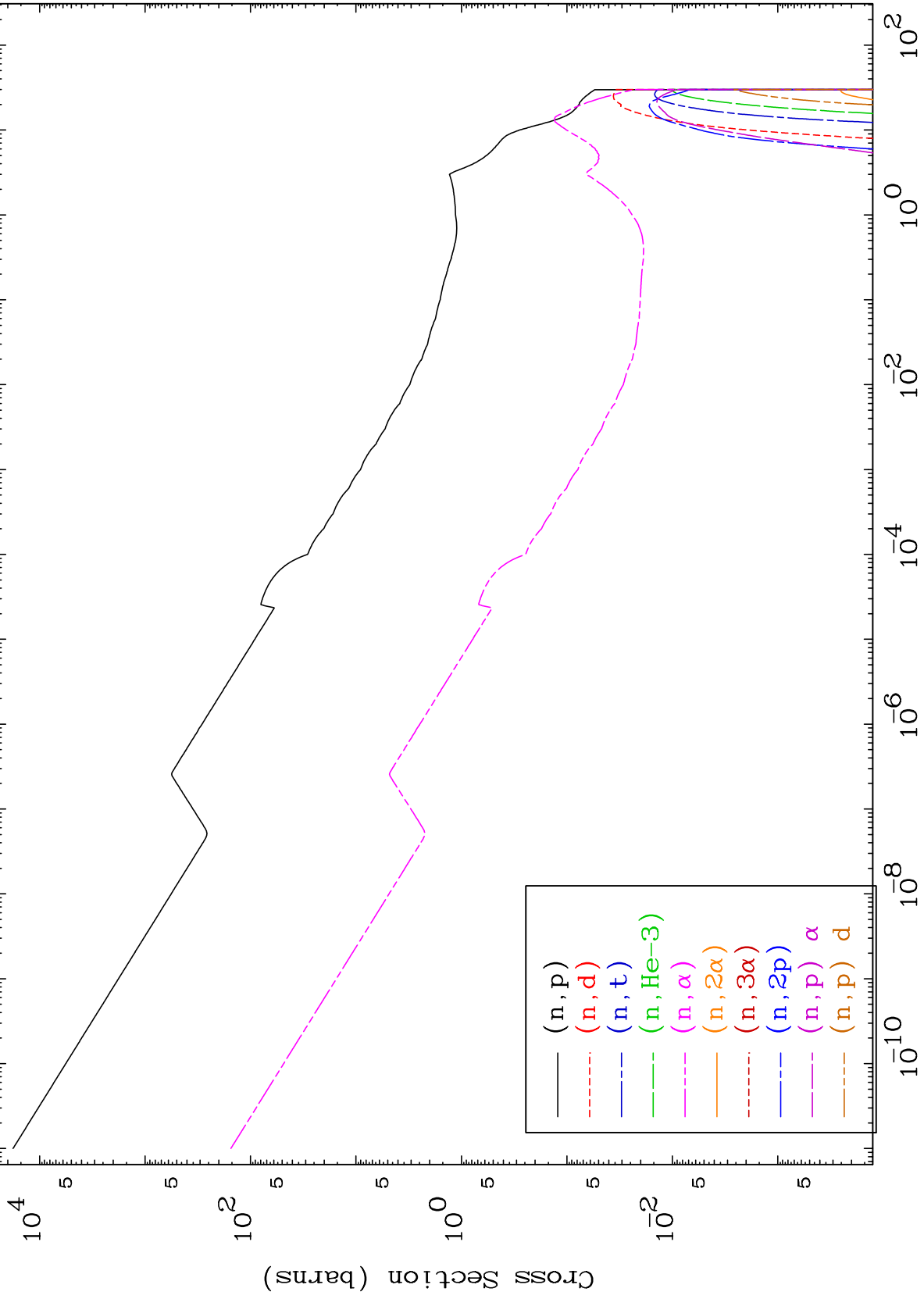
53-I -118

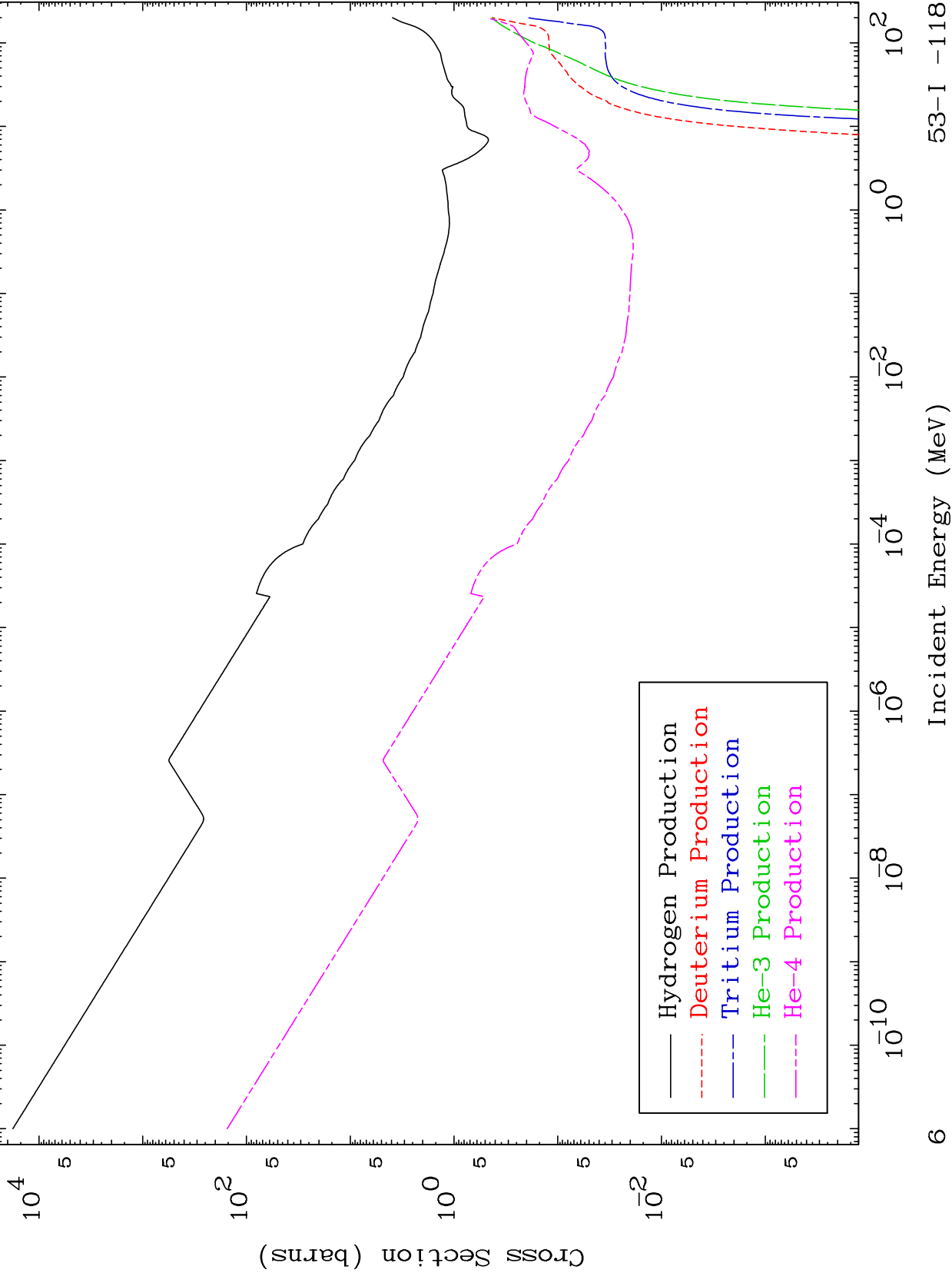


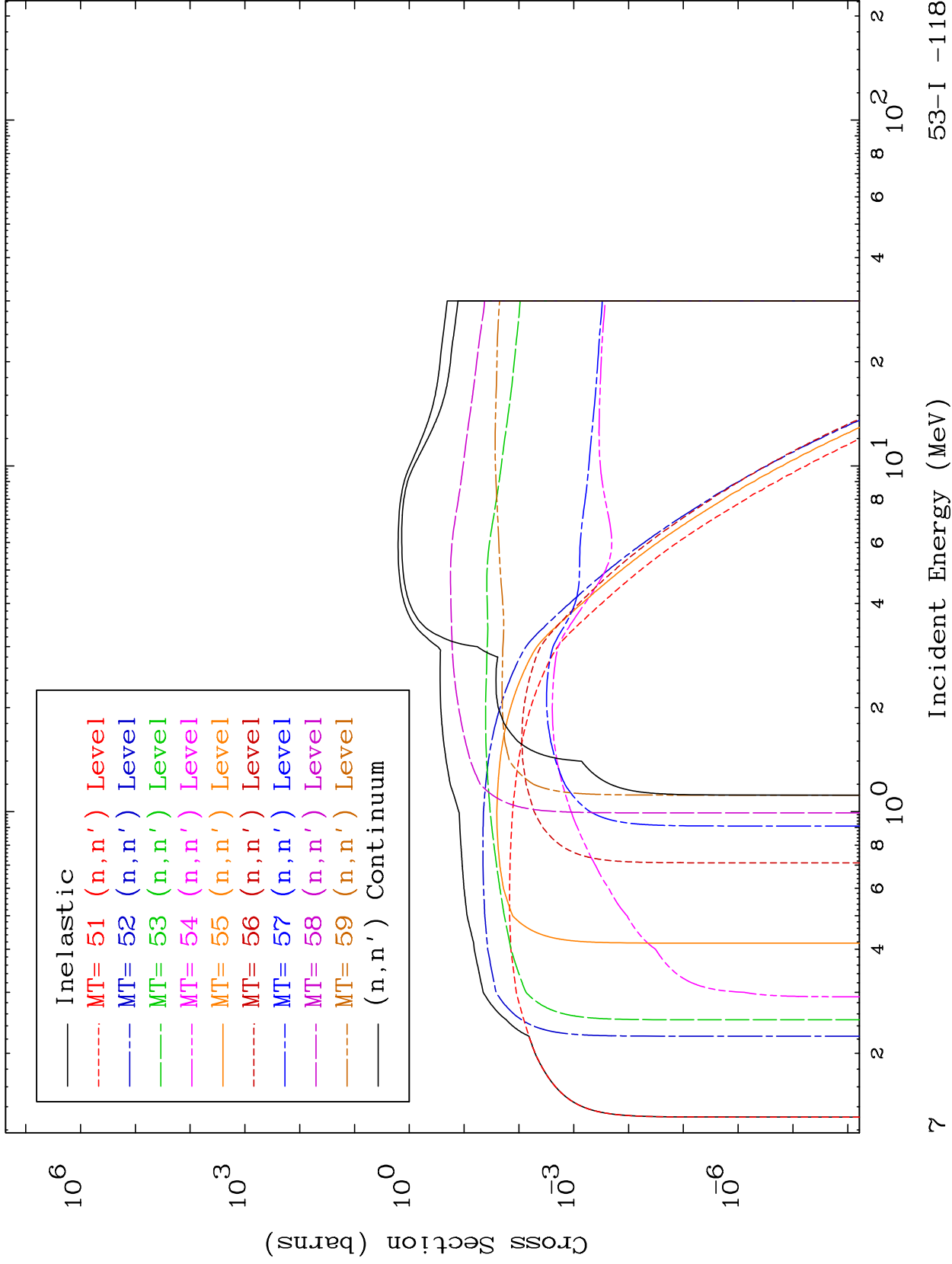








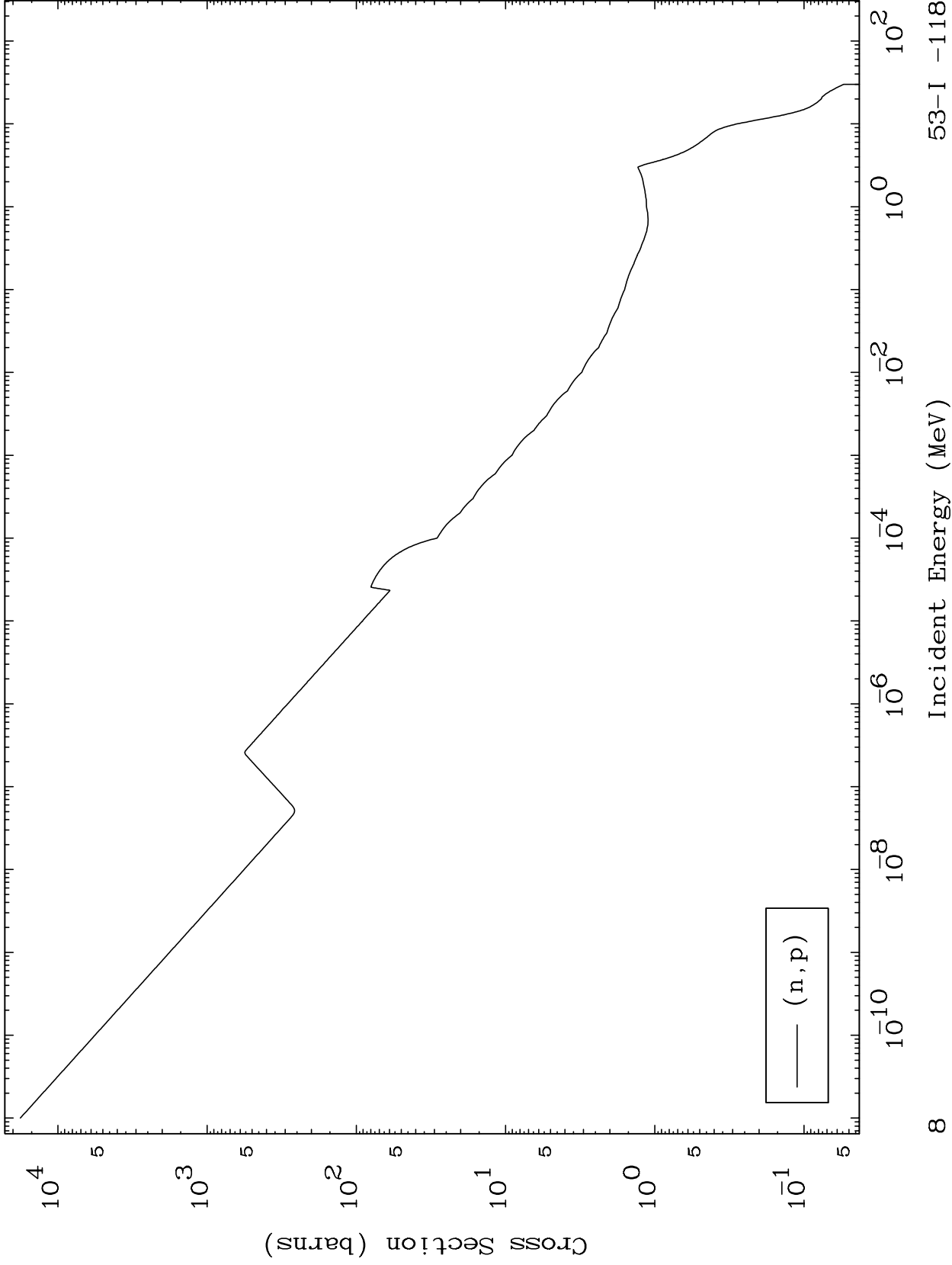




MAT 5298

(n,p) Levels
293 Kelvin Cross Sections

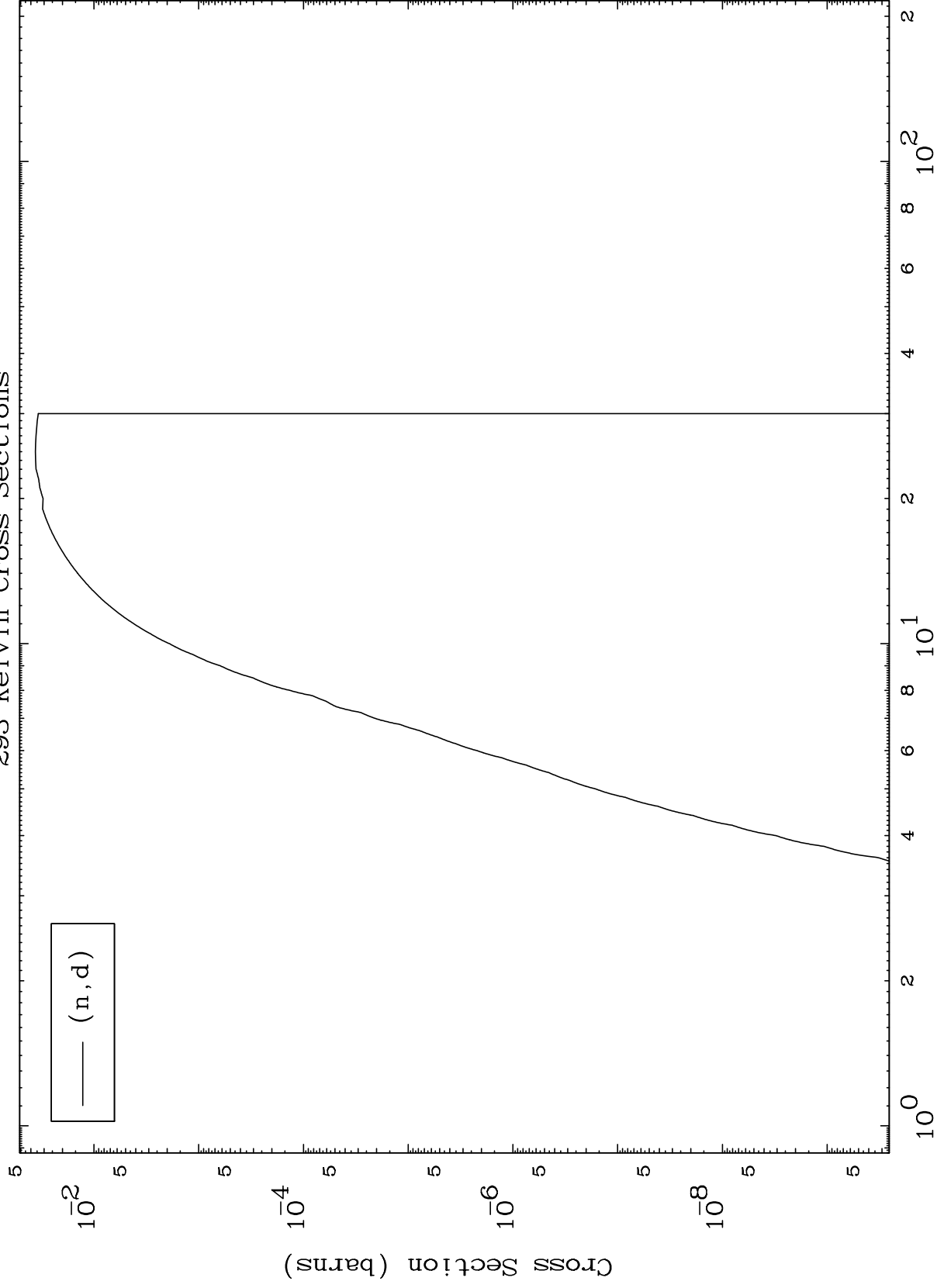
53-I -118



MAT 5298

(n,d) Levels
293 Kelvin Cross Sections

53-I -118



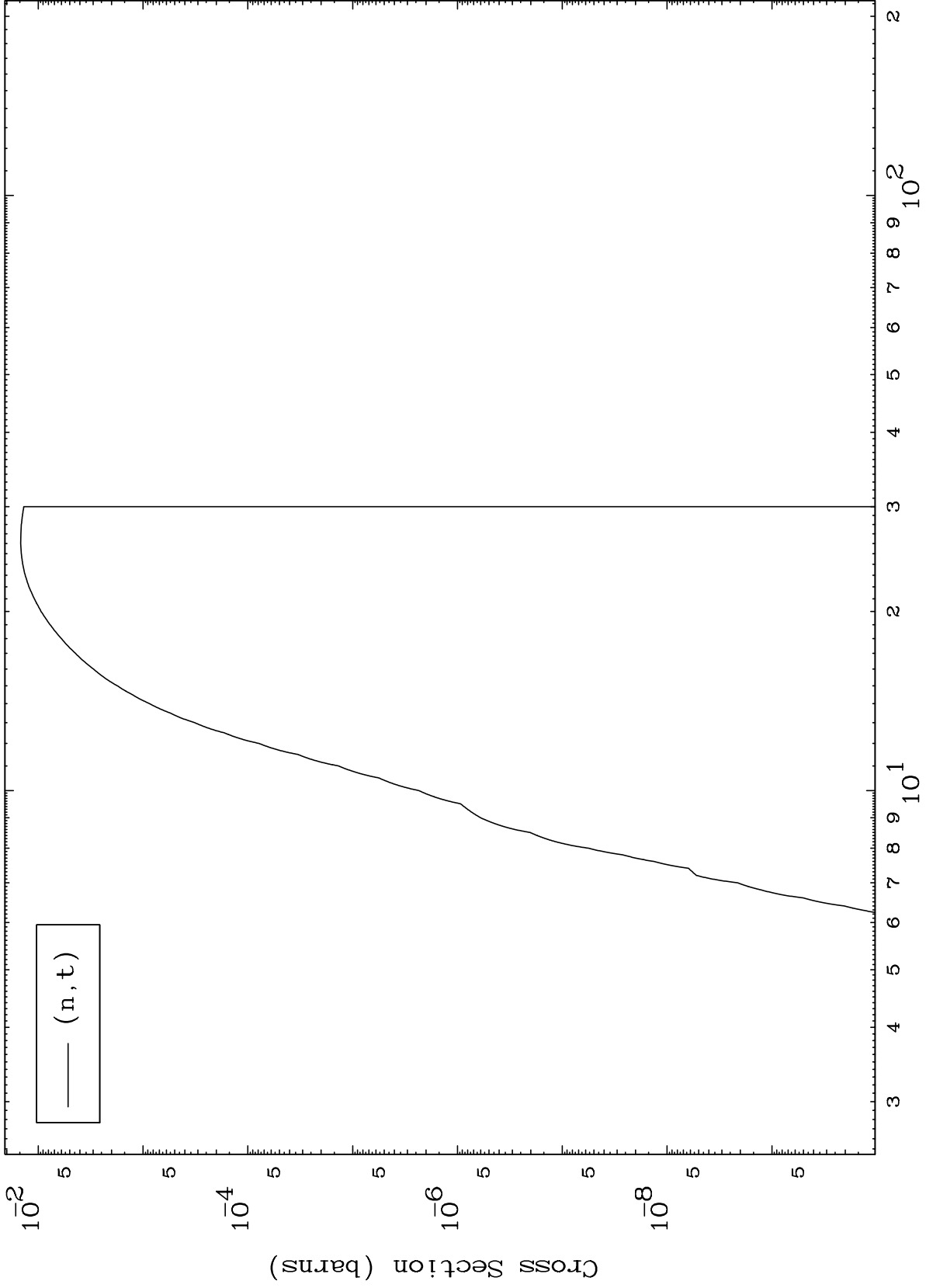
Incident Energy (MeV)

53-I -118

MAT 5298

(n,t) Levels
293 Kelvin Cross Sections

53-I -118



10

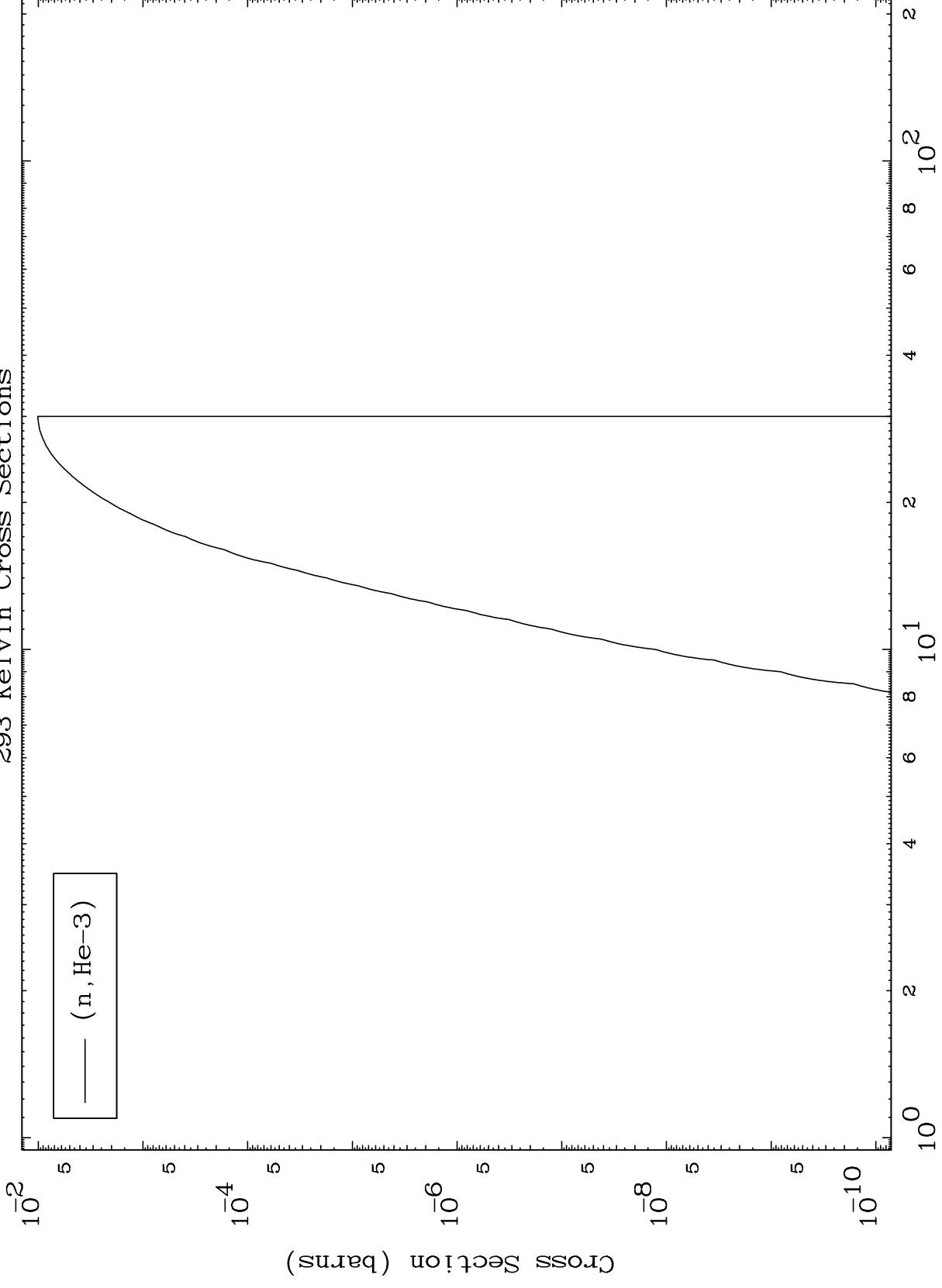
Incident Energy (MeV)

53-I -118

MAT 5298

(n,He3) Levels
293 Kelvin Cross Sections

53-I -118



11

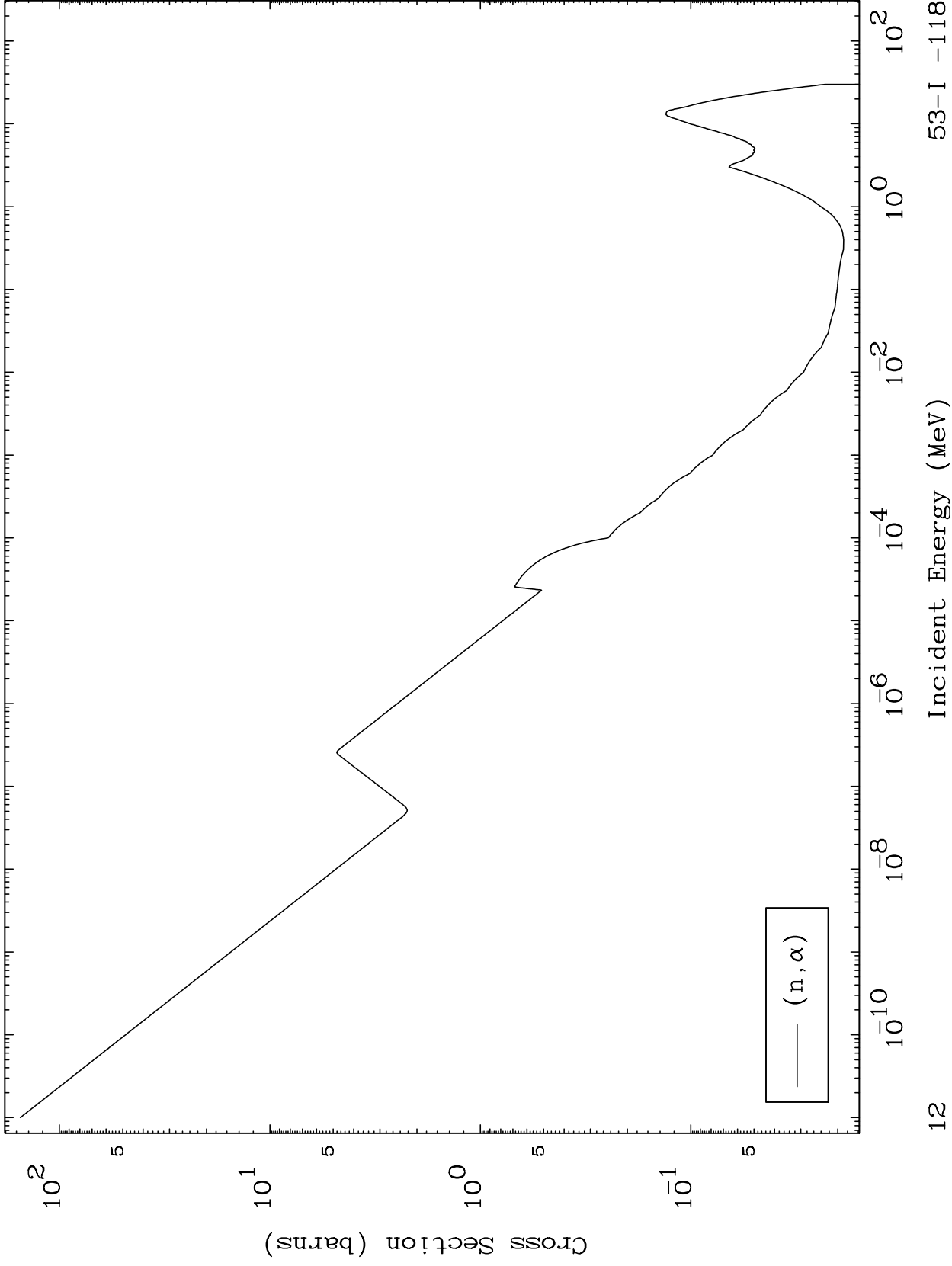
Incident Energy (MeV)

53-I -118

MAT 5298

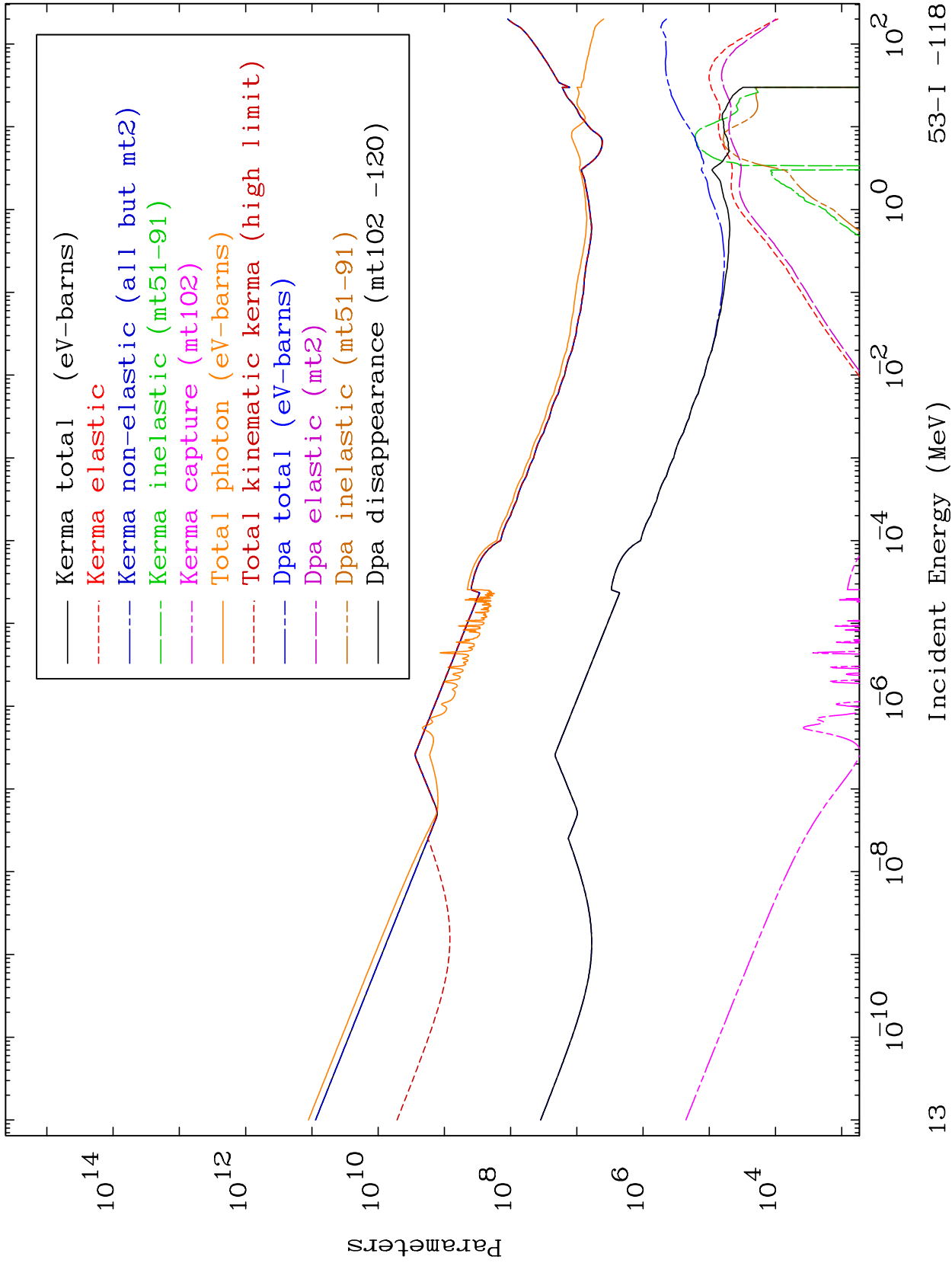
(n,α) Levels
293 Kelvin Cross Sections

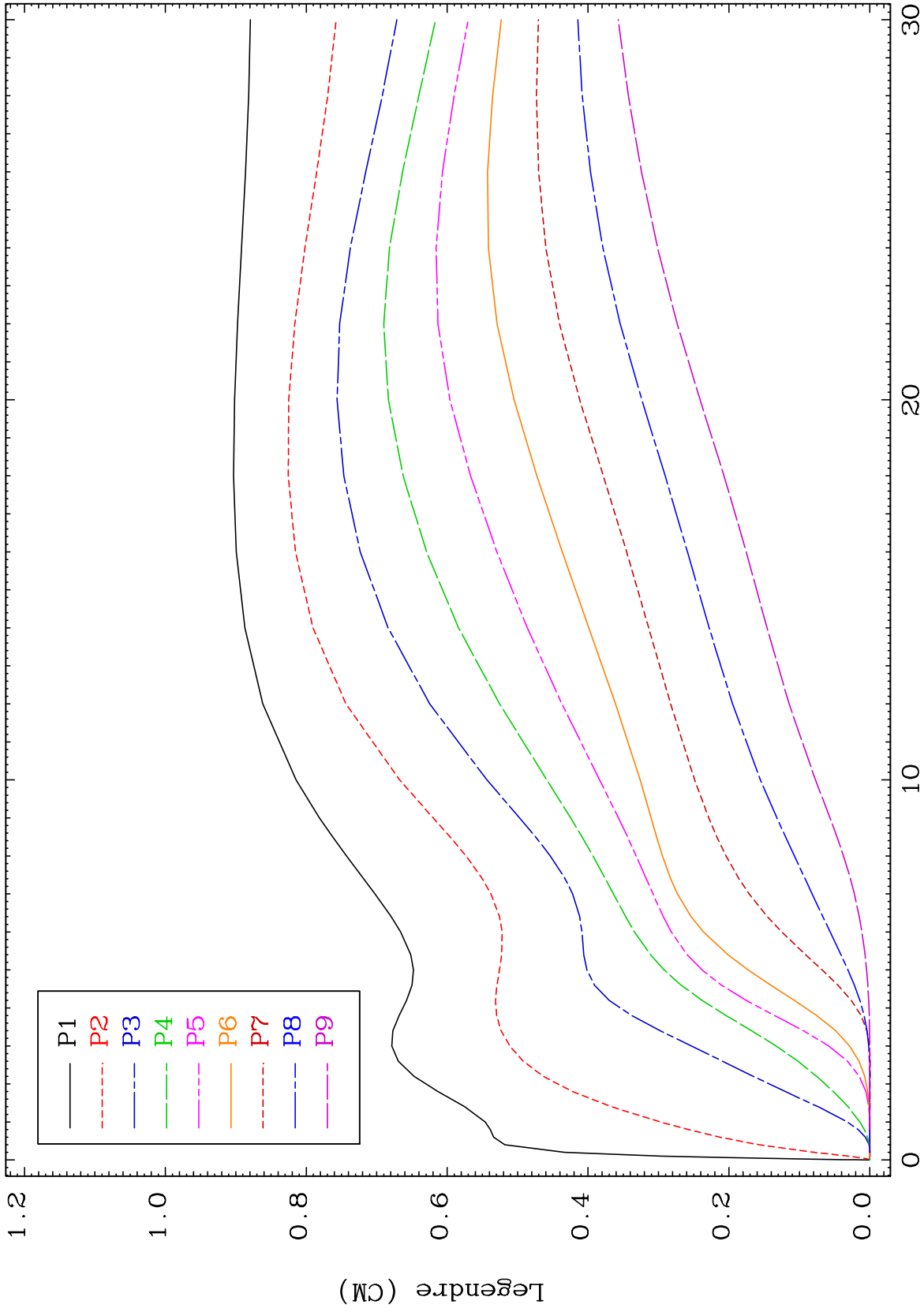
53-I -118



12

53-I -118

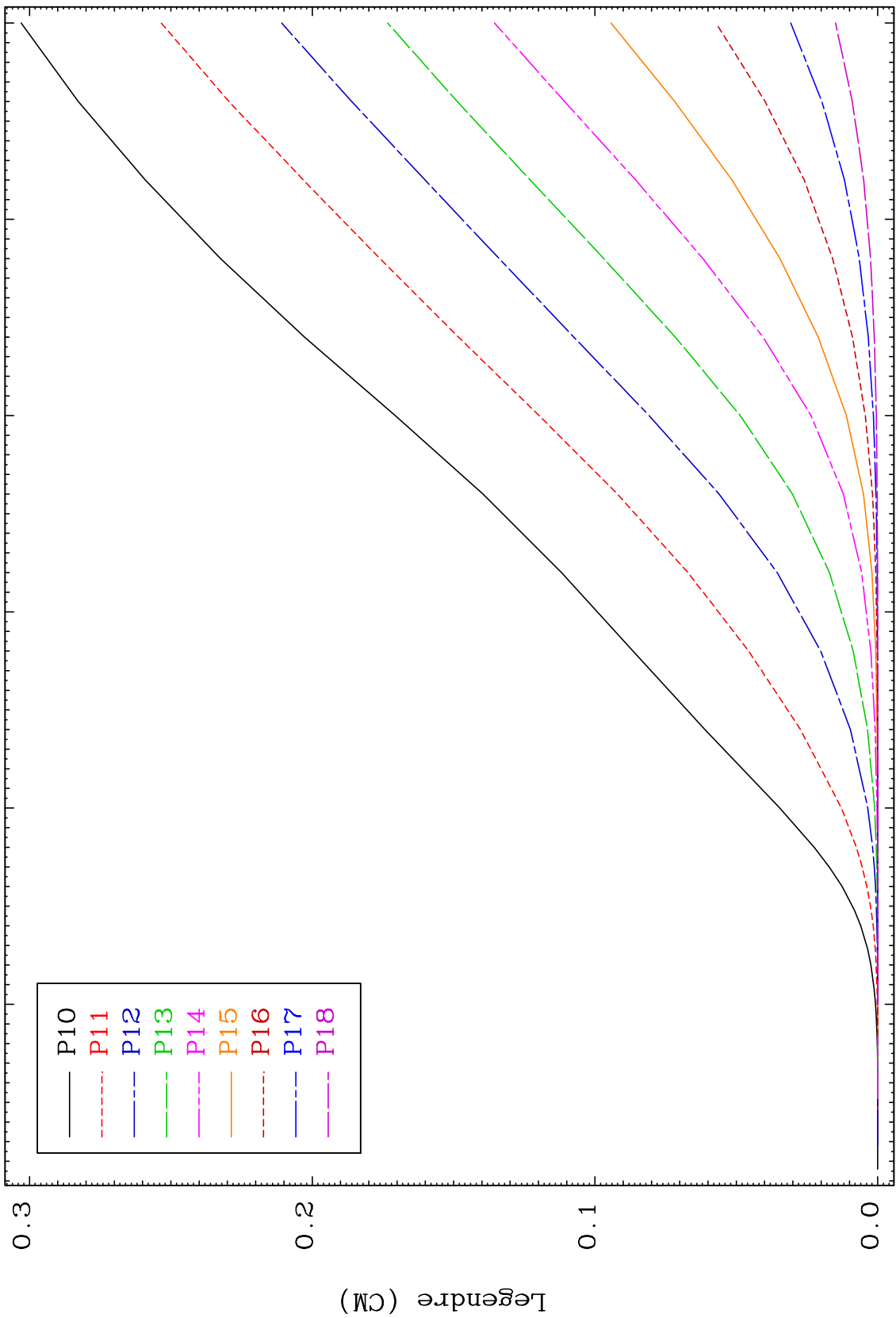




MAT 5298

Elastic Legendre Coefficients

53-I -118



15

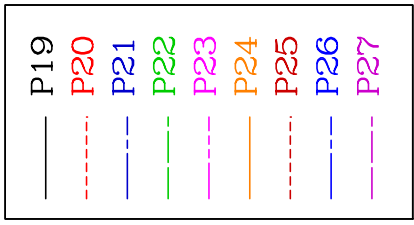
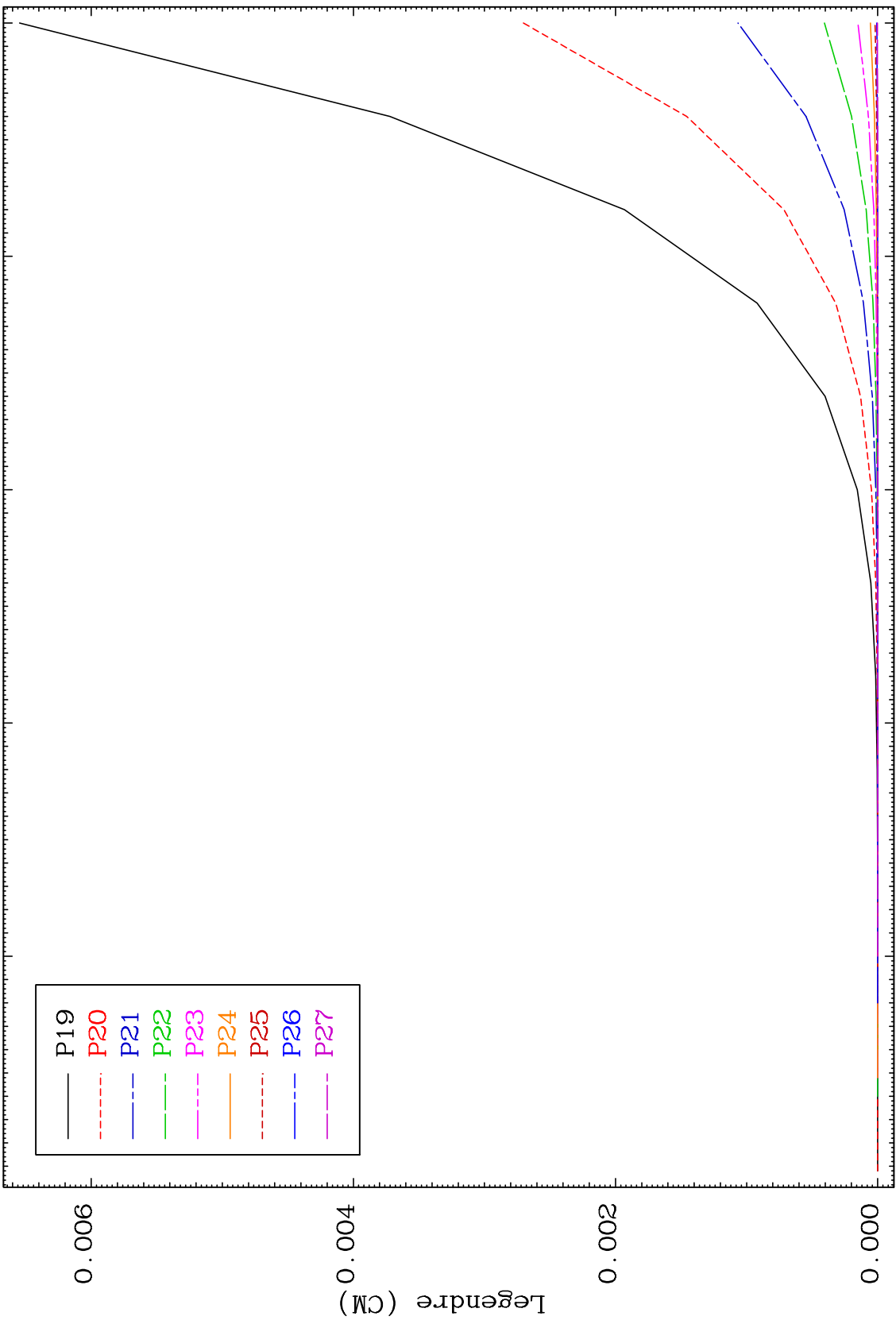
Incident Energy (MeV)

53-I -118

MAT 5298

Elastic Legendre Coefficients

53-I -118



0.006

Legendre (CM)

0.002

0.000

10

15

20

25

30

16

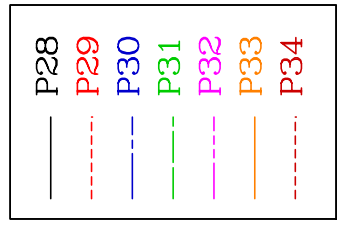
Incident Energy (MeV)

53-I -118

MAT 5298

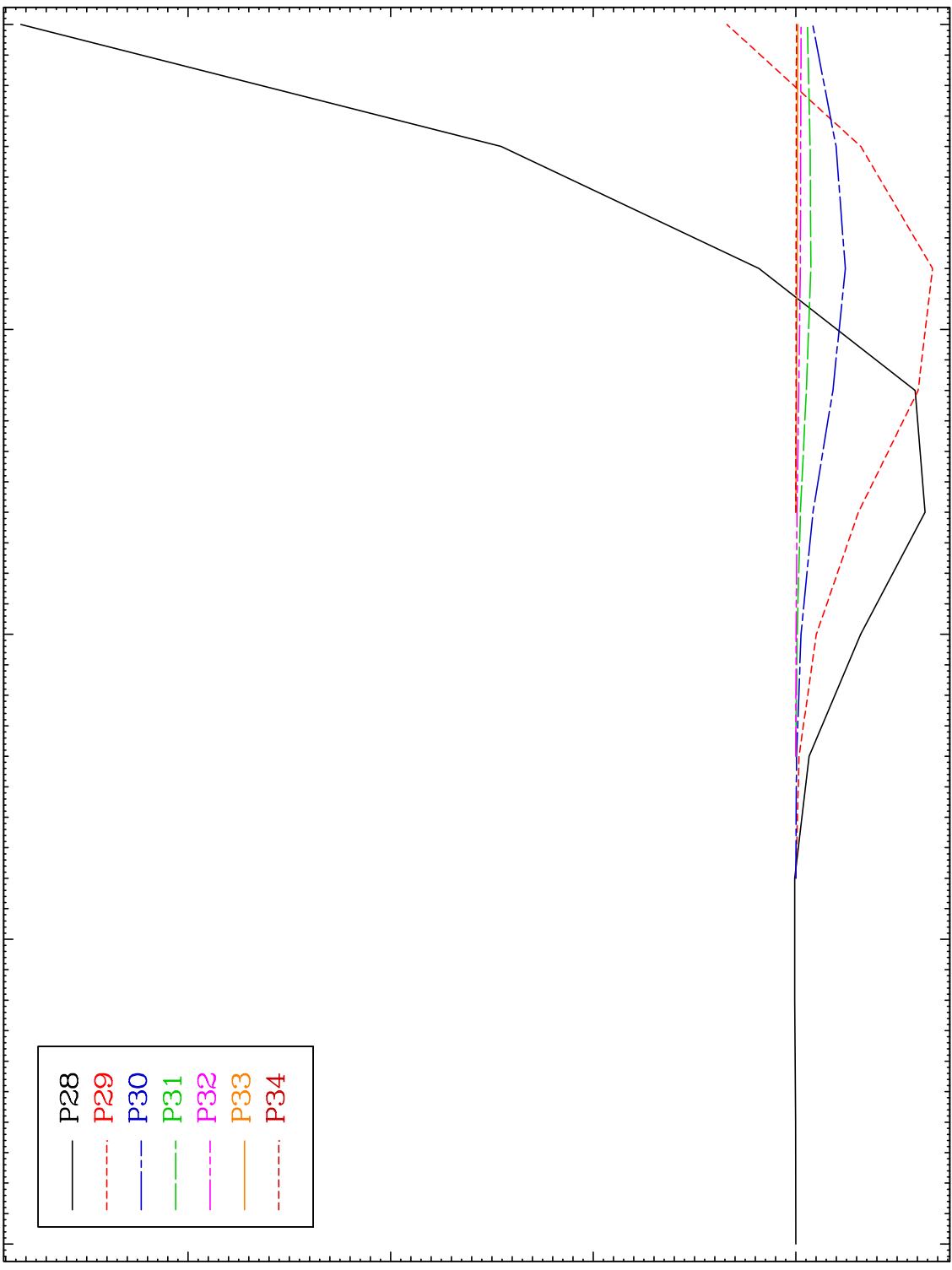
Elastic Legendre Coefficients

53-I -118



$\times 10^{-7}$

Legendre (CM)



15

20

25

30

17

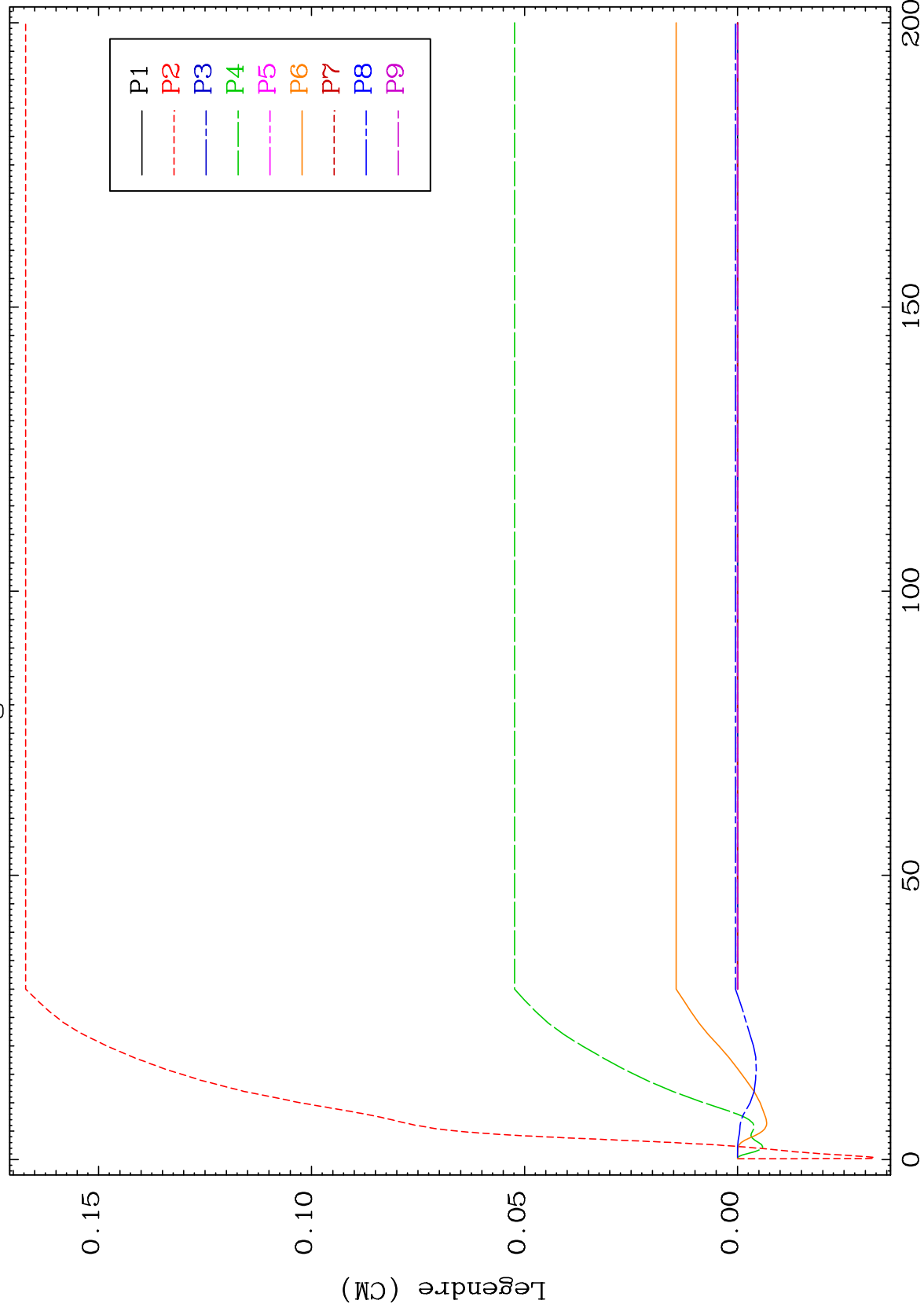
Incident Energy (MeV)

53-I -118

MAT 5298

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

53-I -118



53-I -118

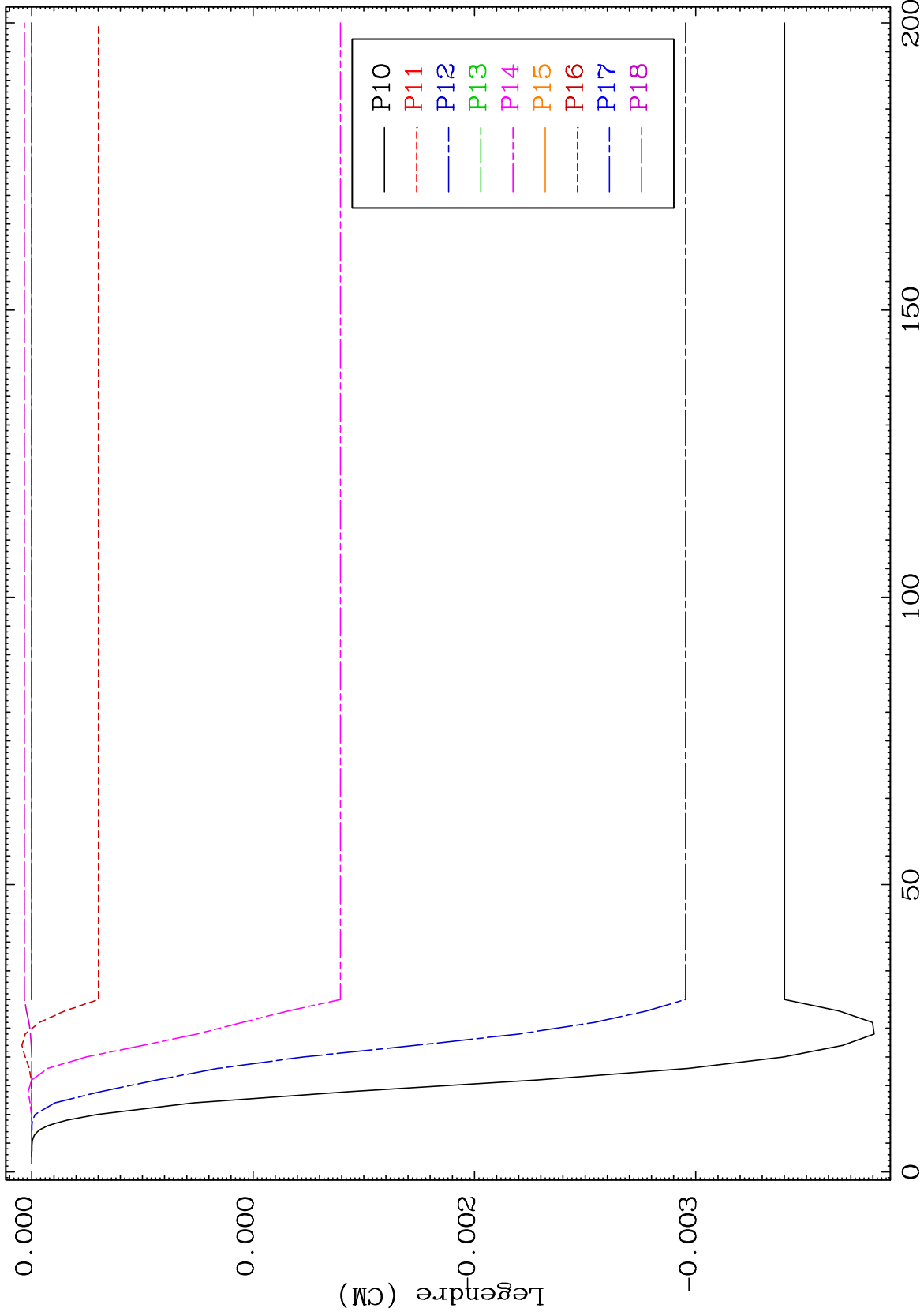
Incident Energy (MeV)

18

MAT 5298

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

53-I -118



19

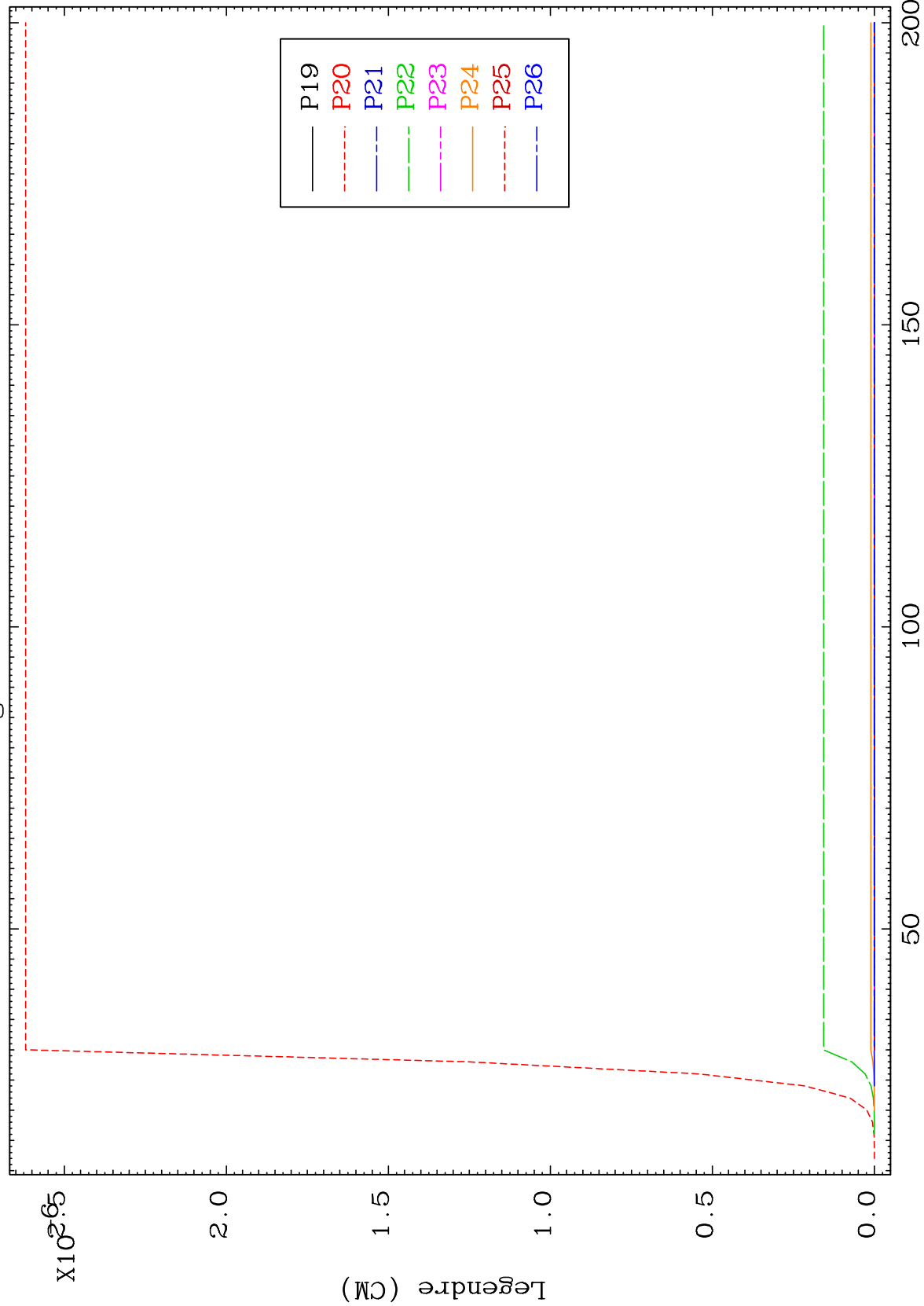
Incident Energy (MeV)

53-I -118

MAT 5298

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

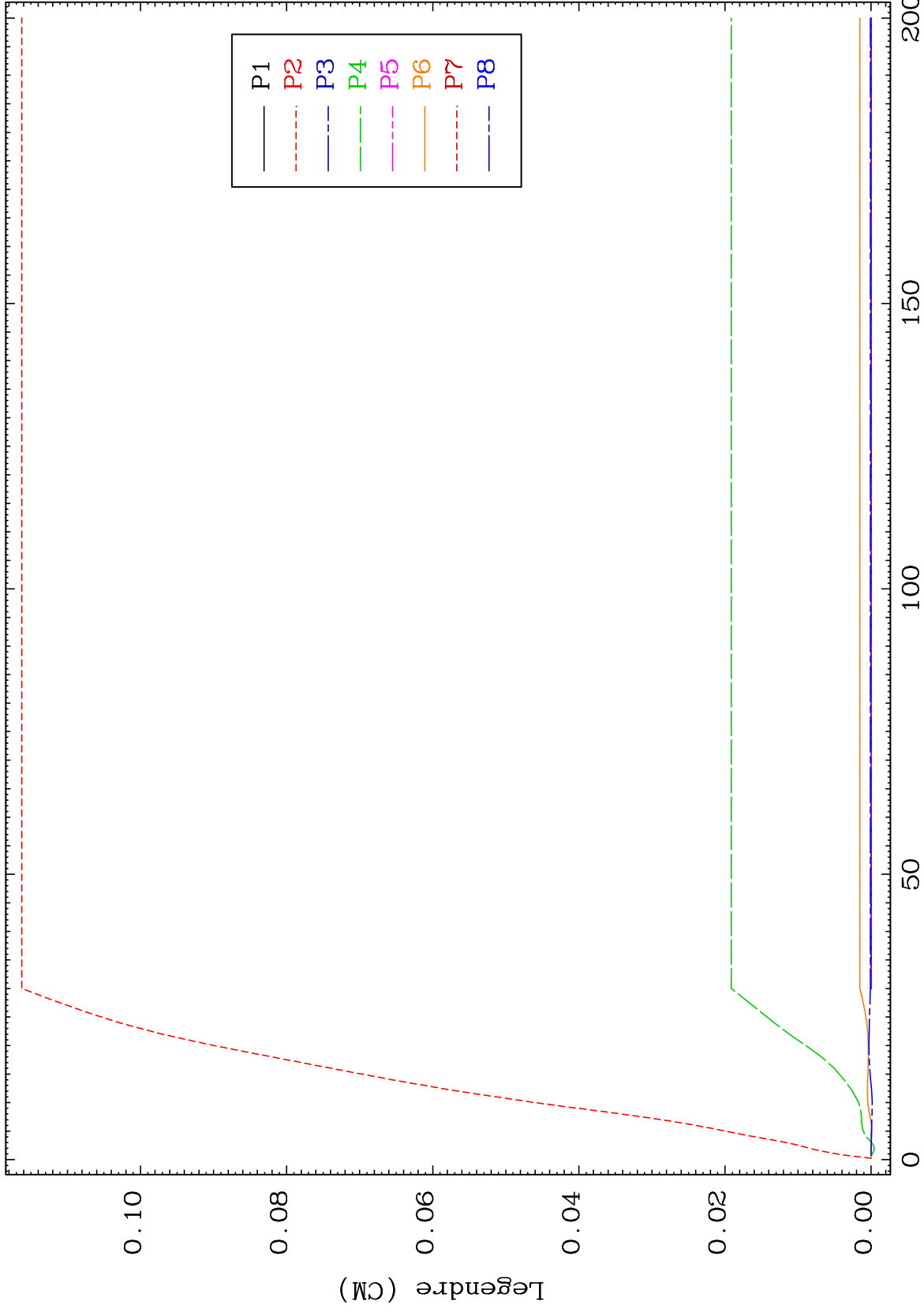
53-I -118

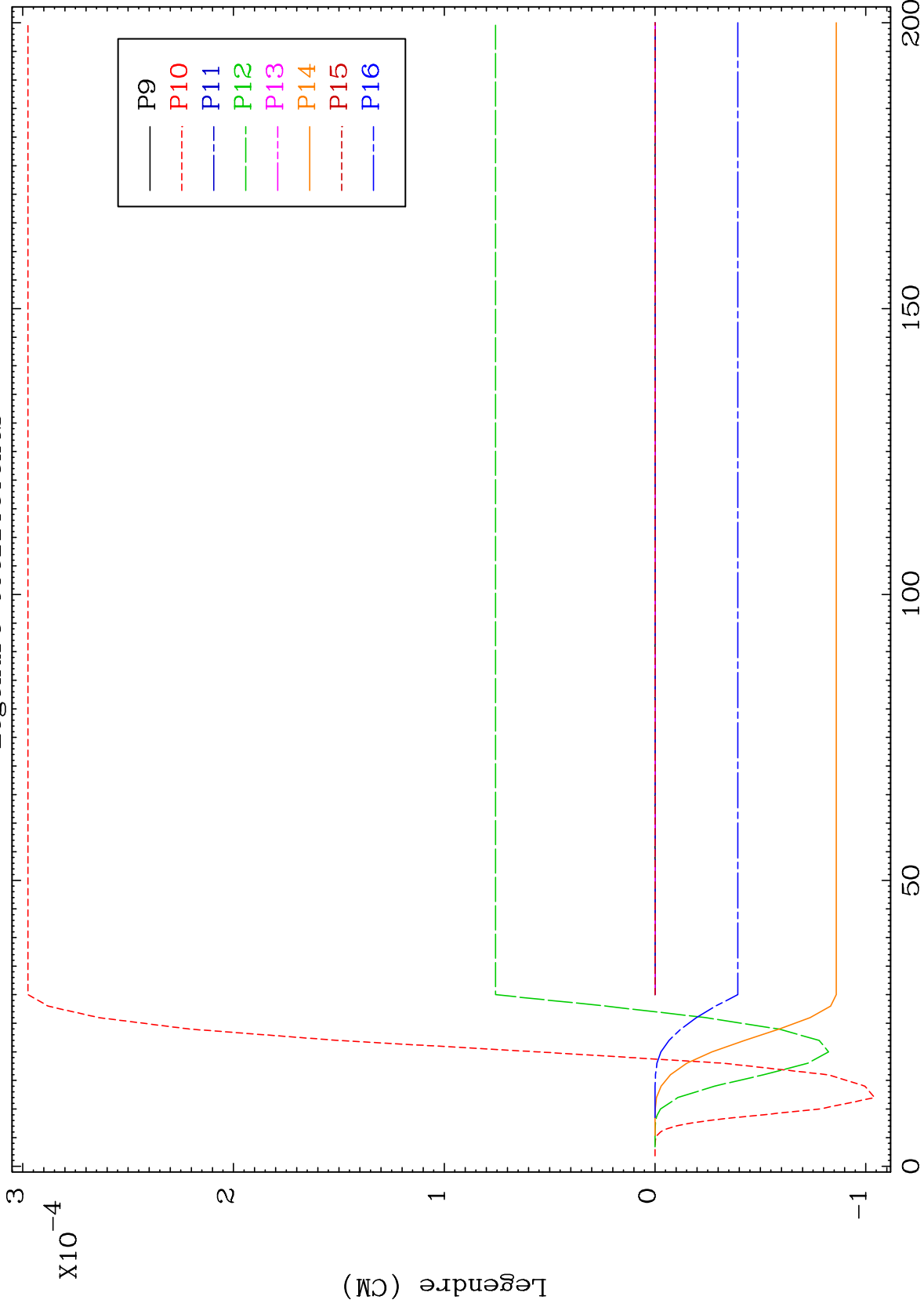


20

Incident Energy (MeV)

53-I -118

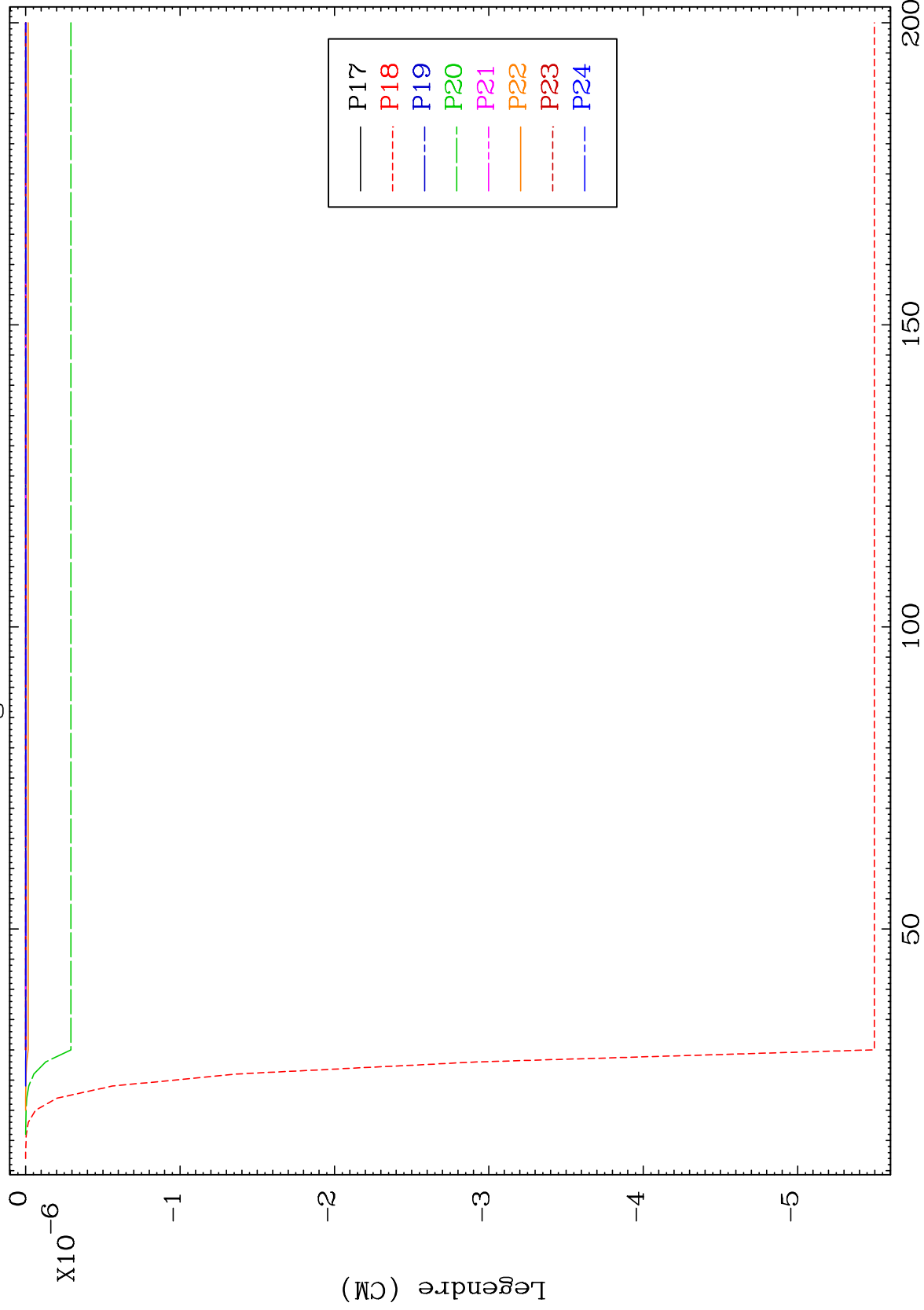




MAT 5298

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

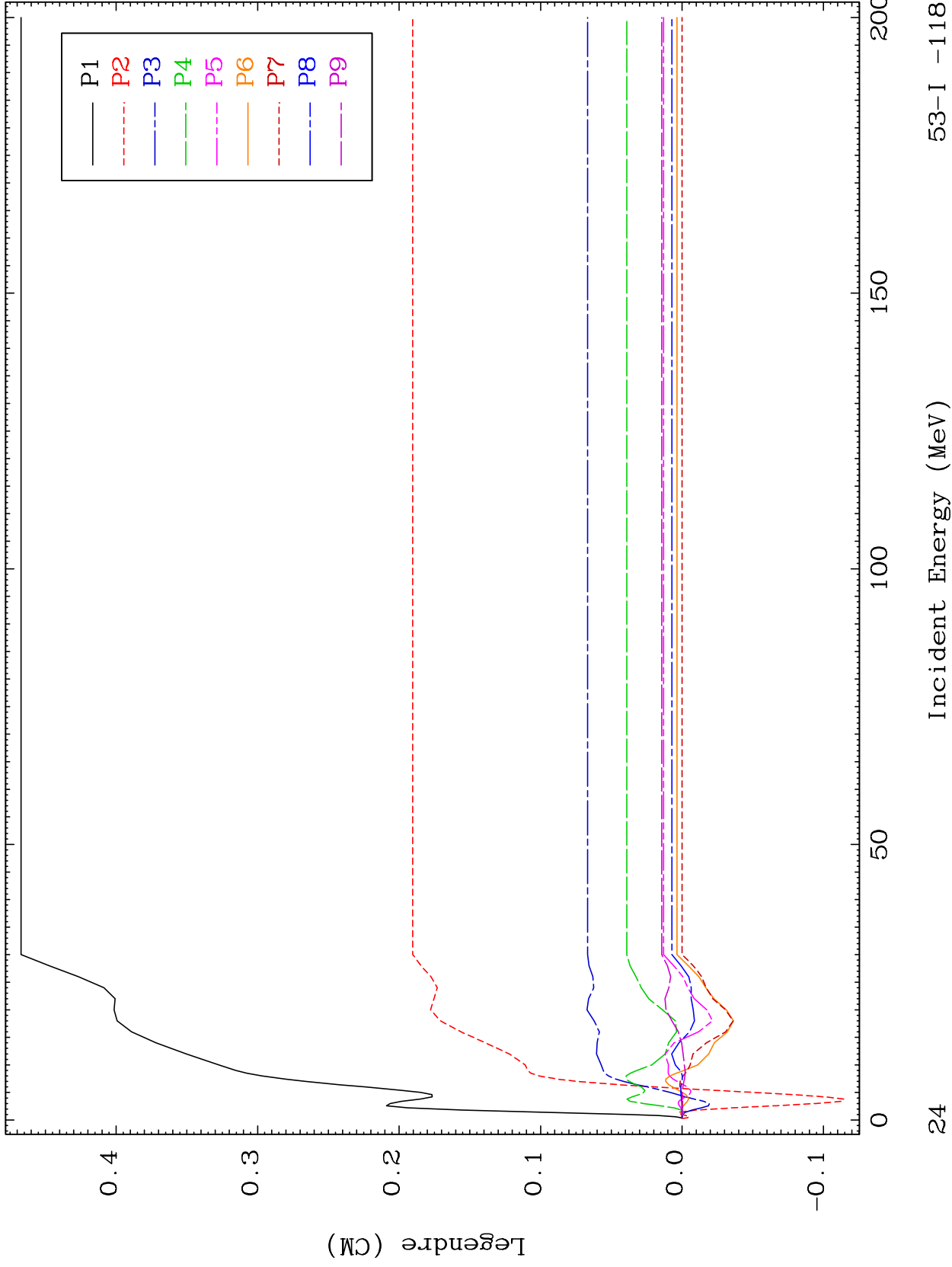
53-I -118

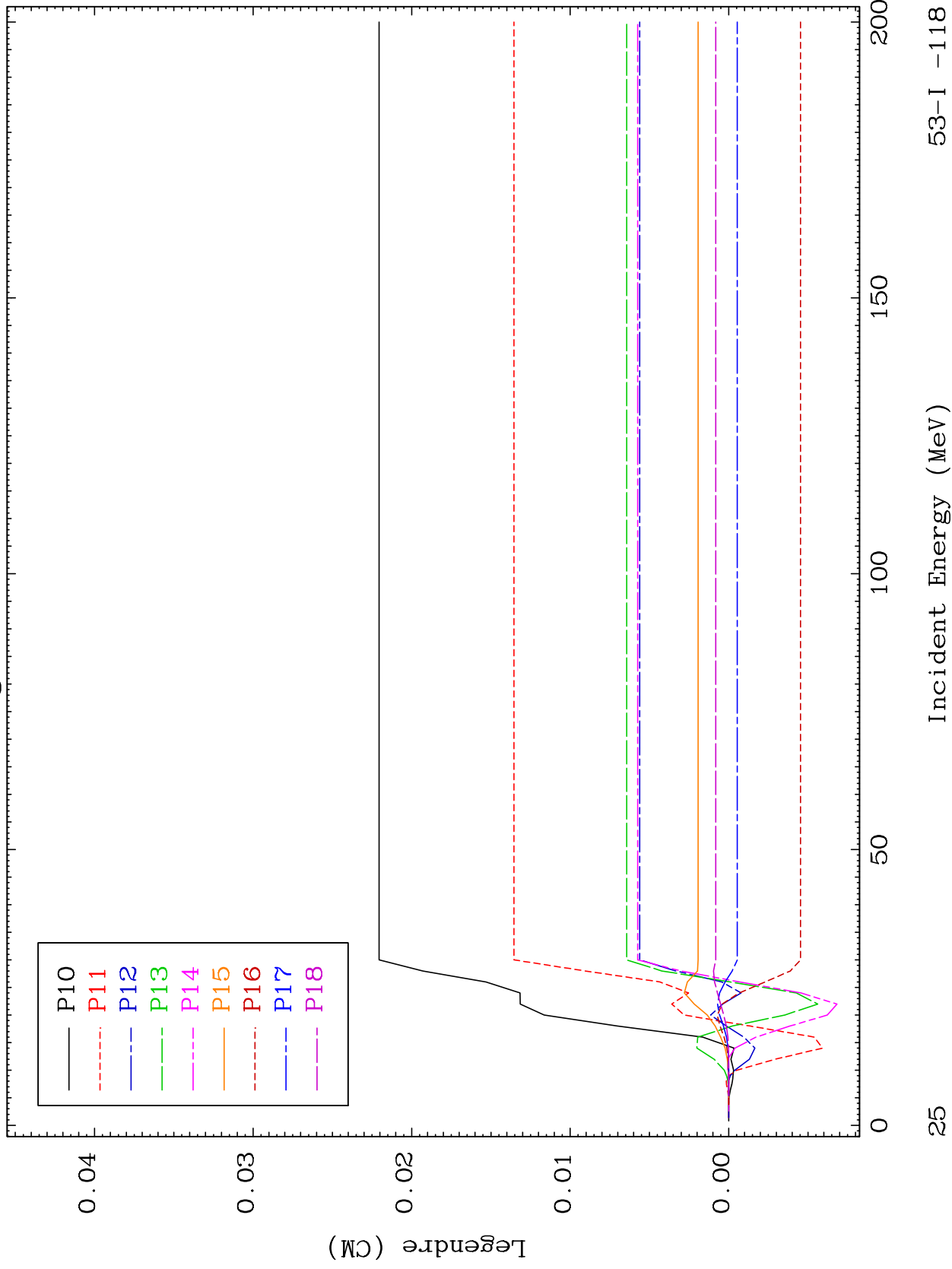


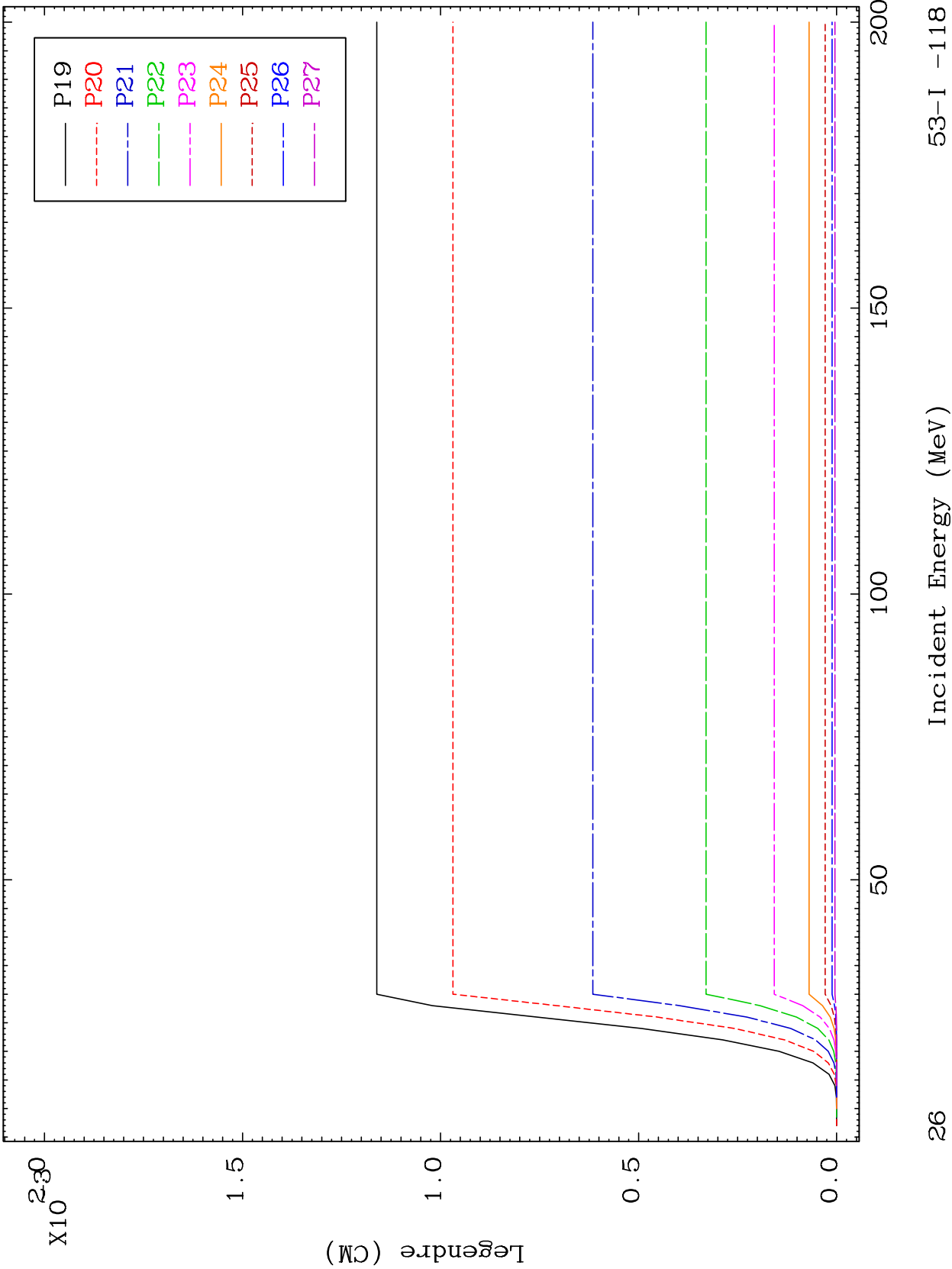
23

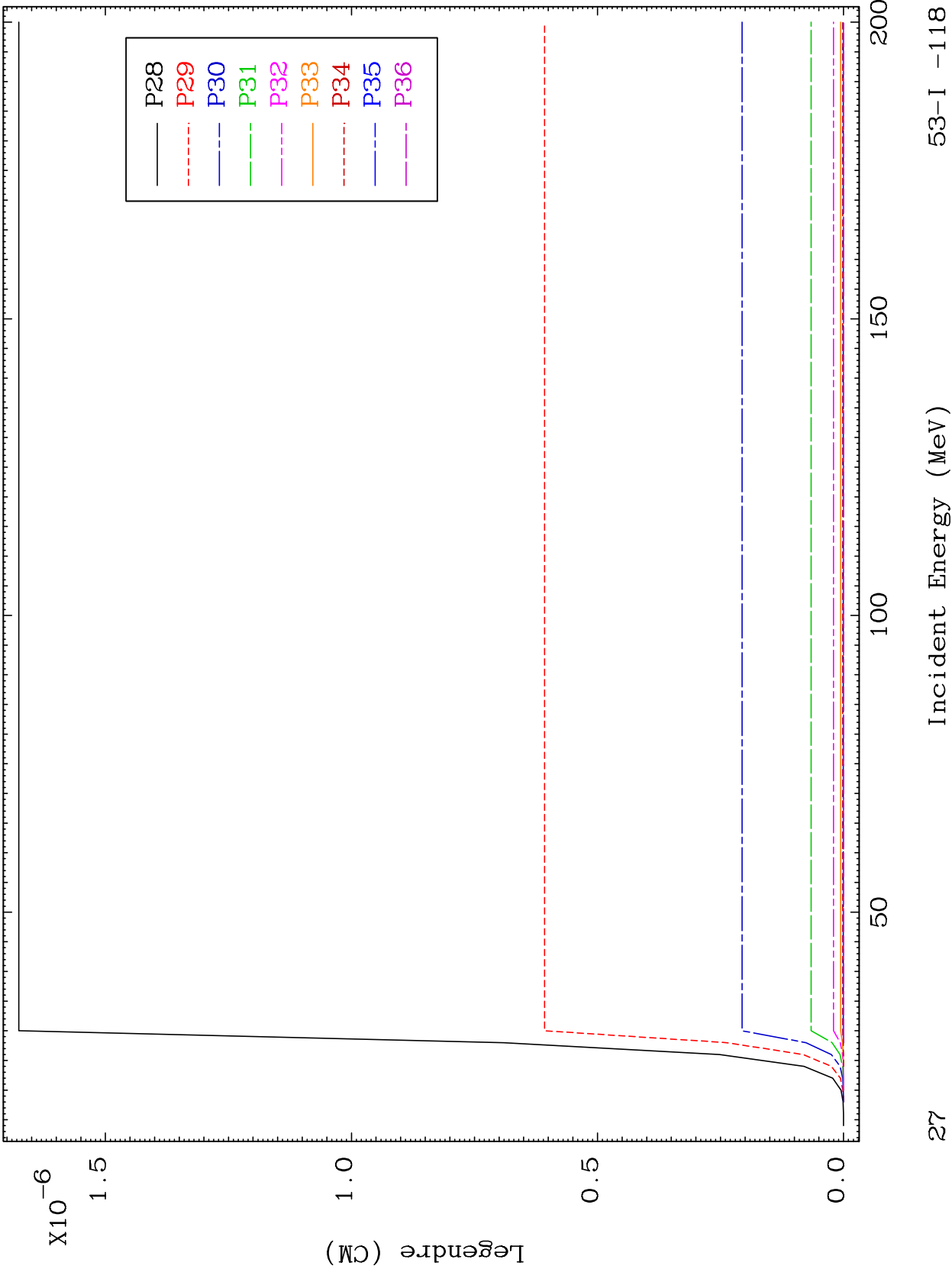
Incident Energy (MeV)

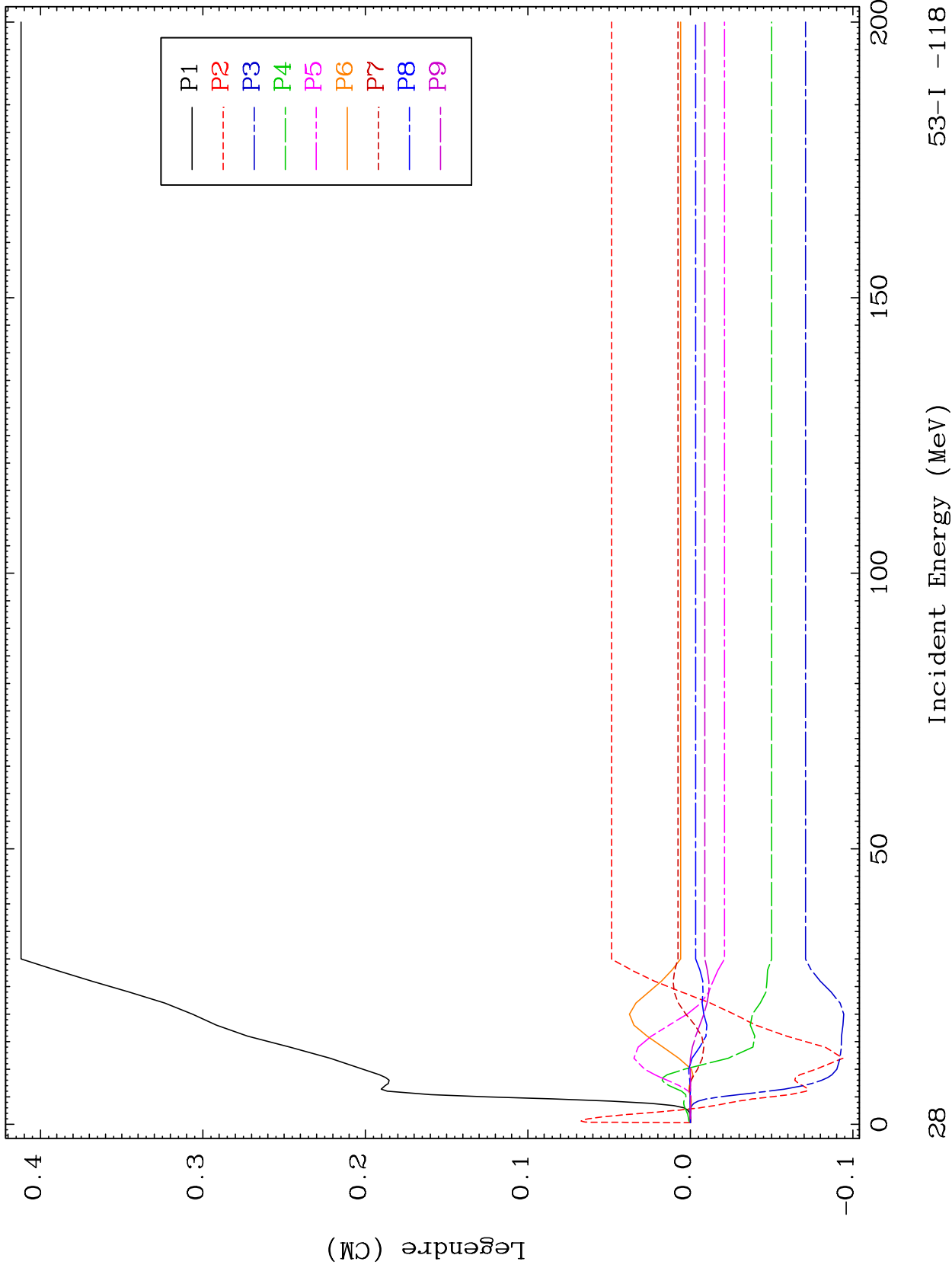
53-I -118







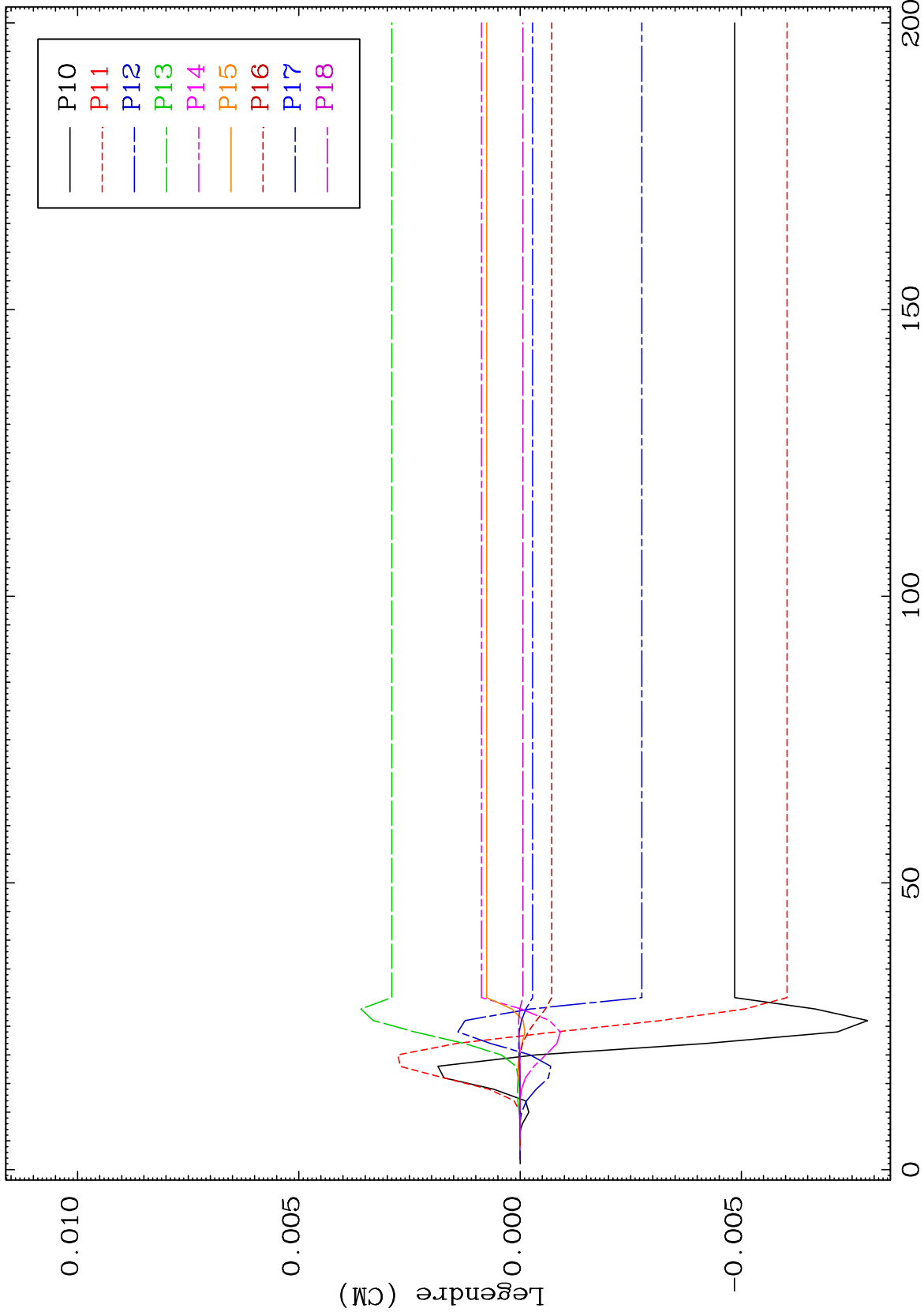




MAT 5298

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

53-I -118



29

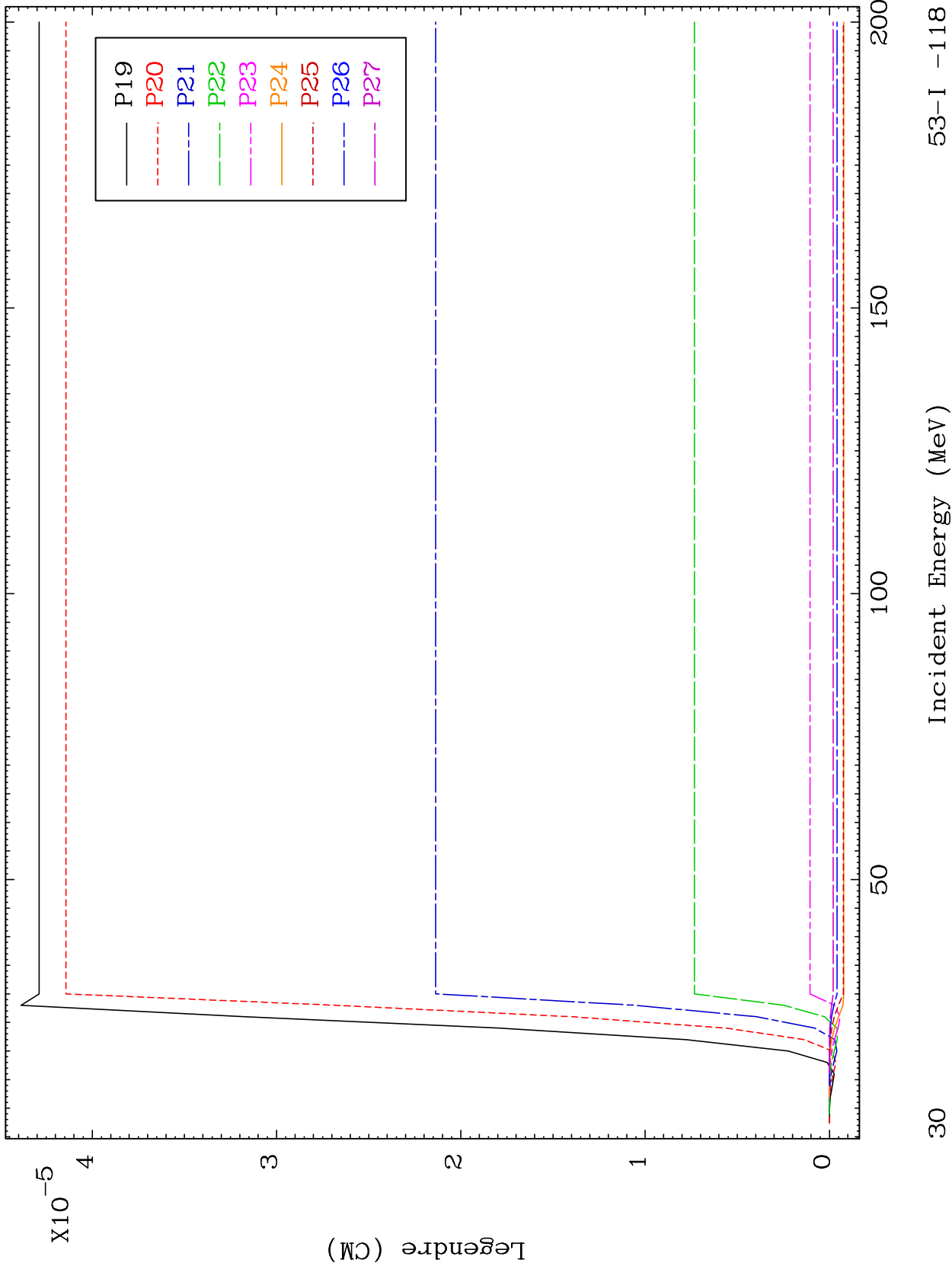
Incident Energy (MeV)

53-I -118

MAT 5298

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

53-I -118

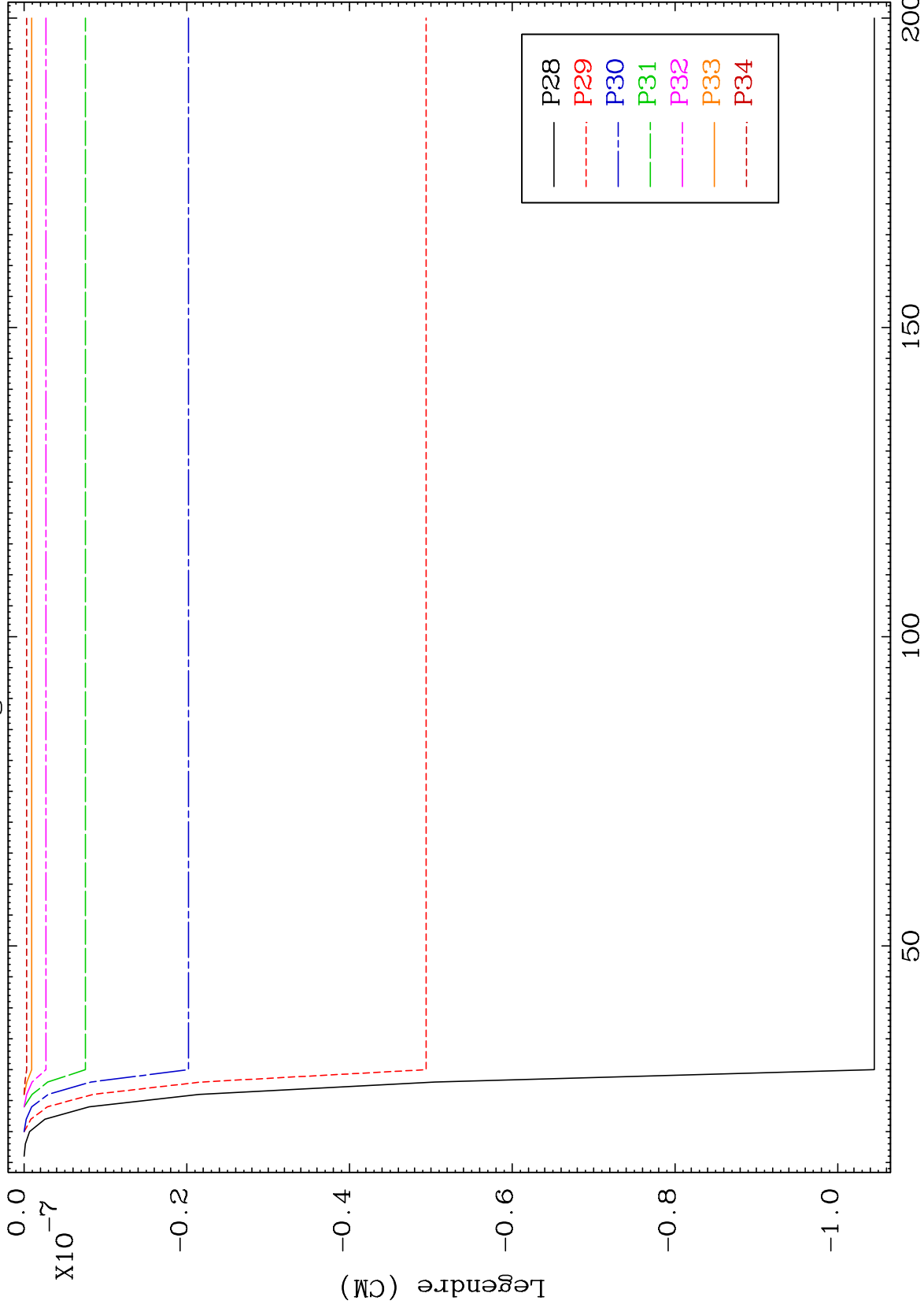


30

Incident Energy (MeV)

53-I -118

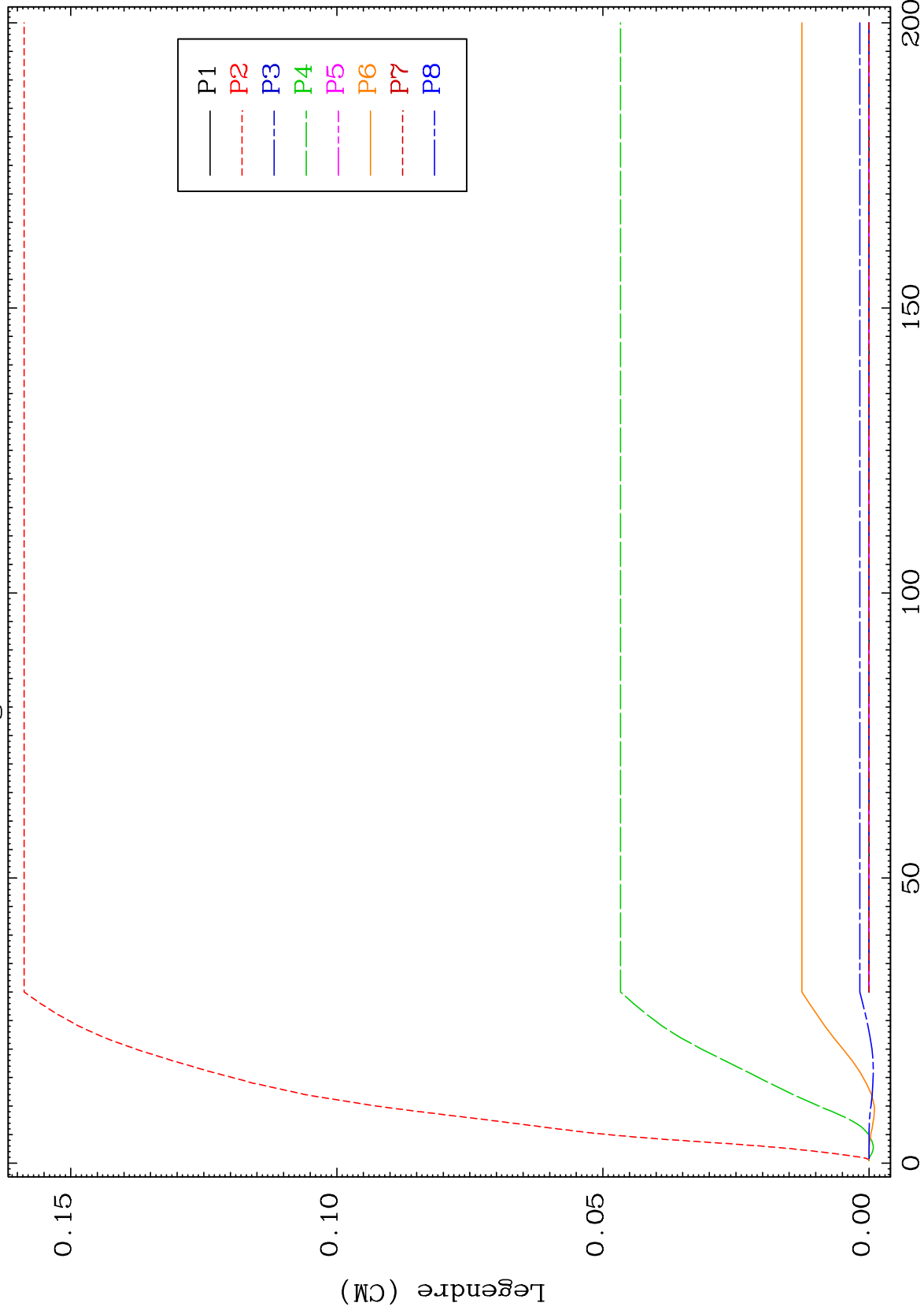
Legendre Coefficients



MAT 5298

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

53-I -118



32

Incident Energy (MeV)

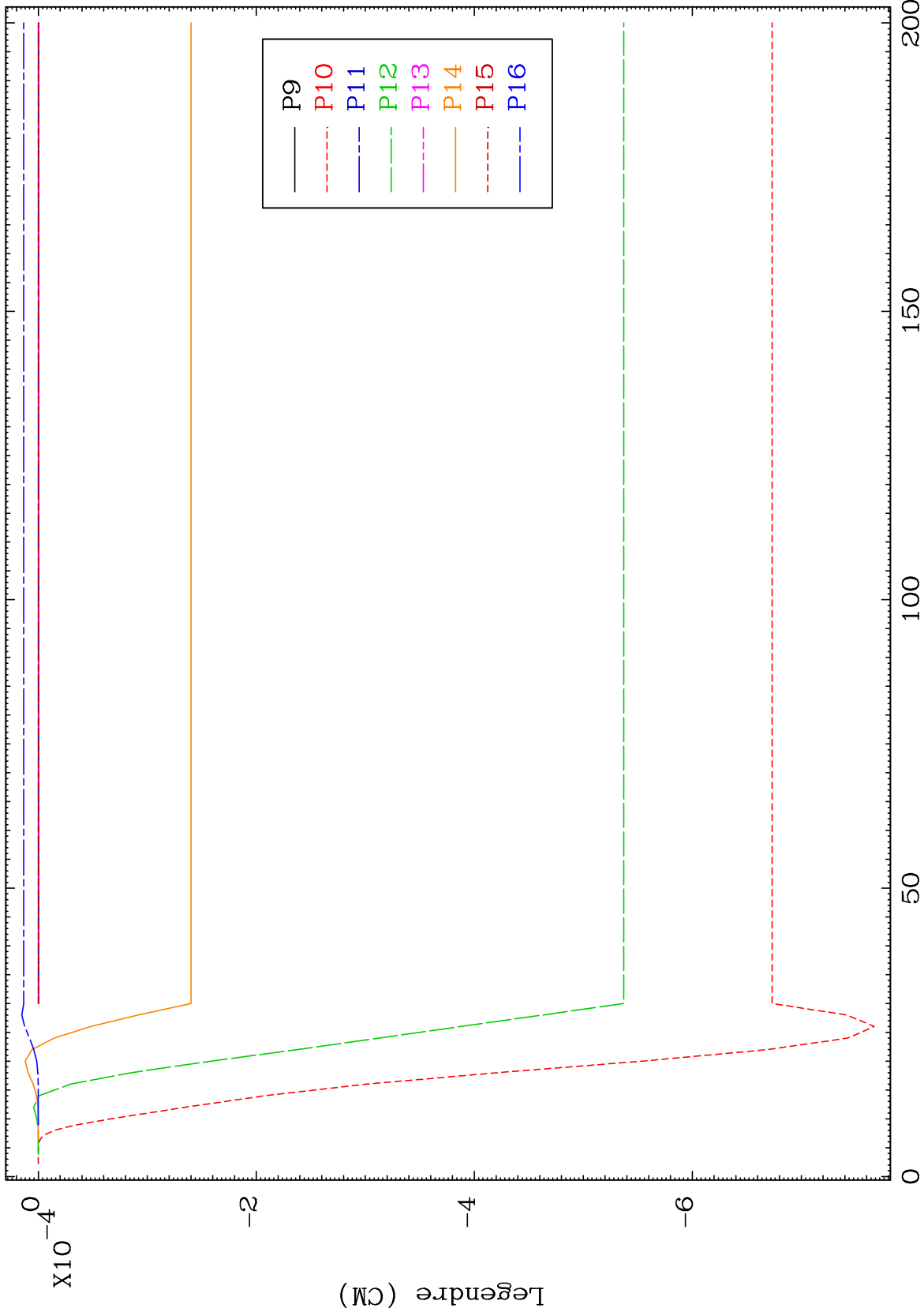
53-I -118

MAT 5298

MT= 55 (n,n') Level

53-I -118

Legendre Coefficients



33

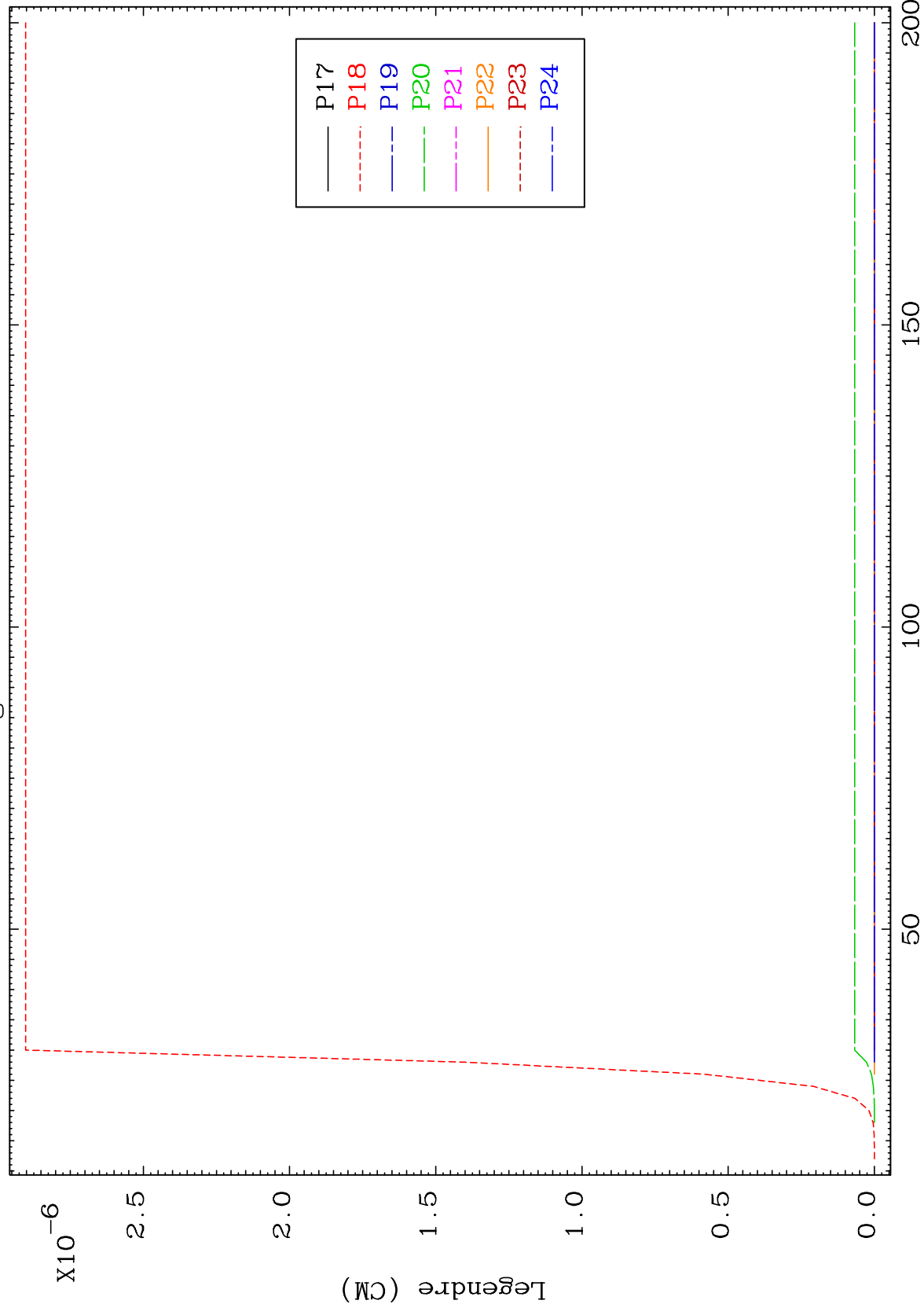
Incident Energy (MeV)

53-I -118

MAT 5298

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

53-I -118



34

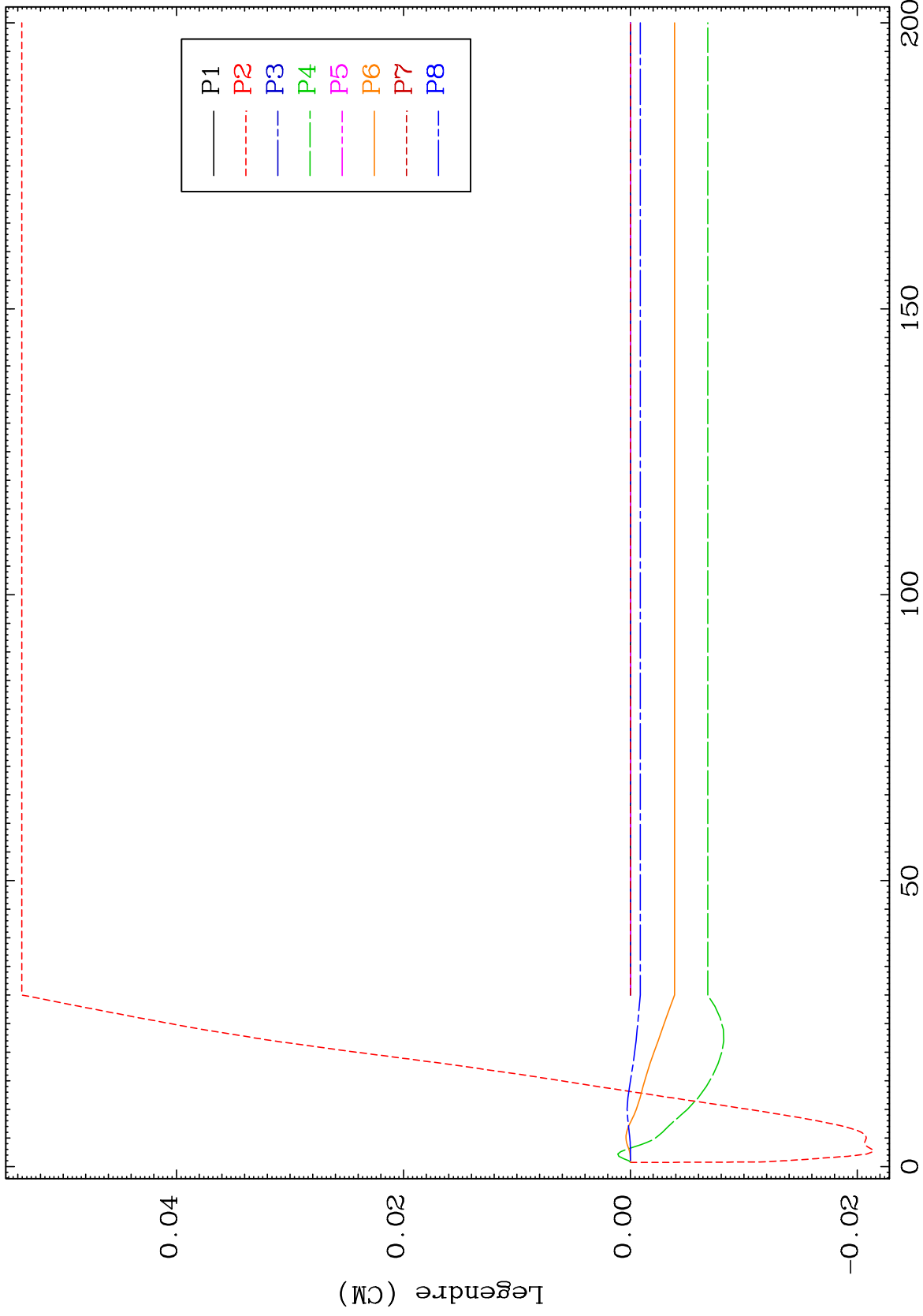
Incident Energy (MeV)

53-I -118

MAT 5298

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

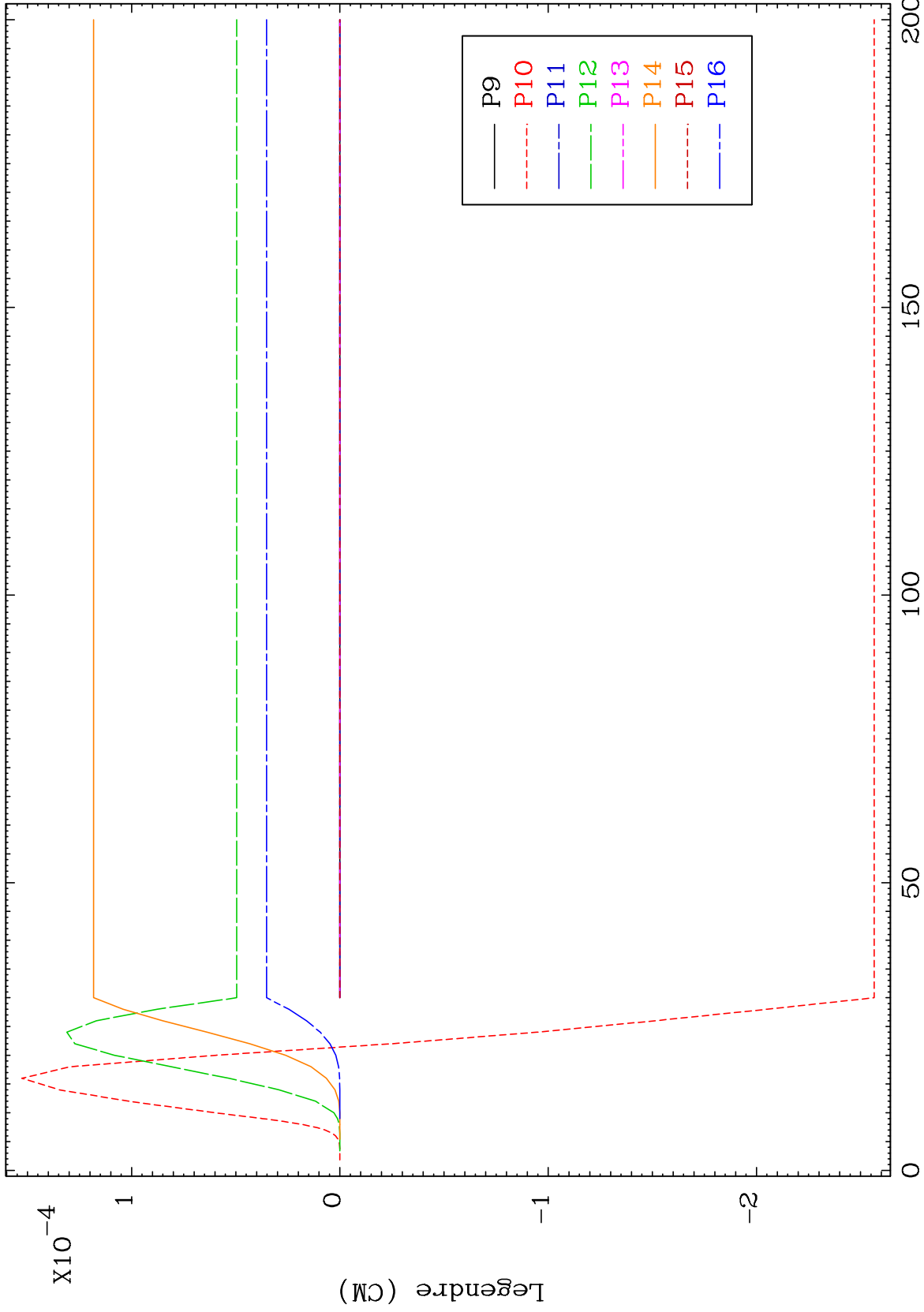
53-I -118



53-I -118

Incident Energy (MeV)

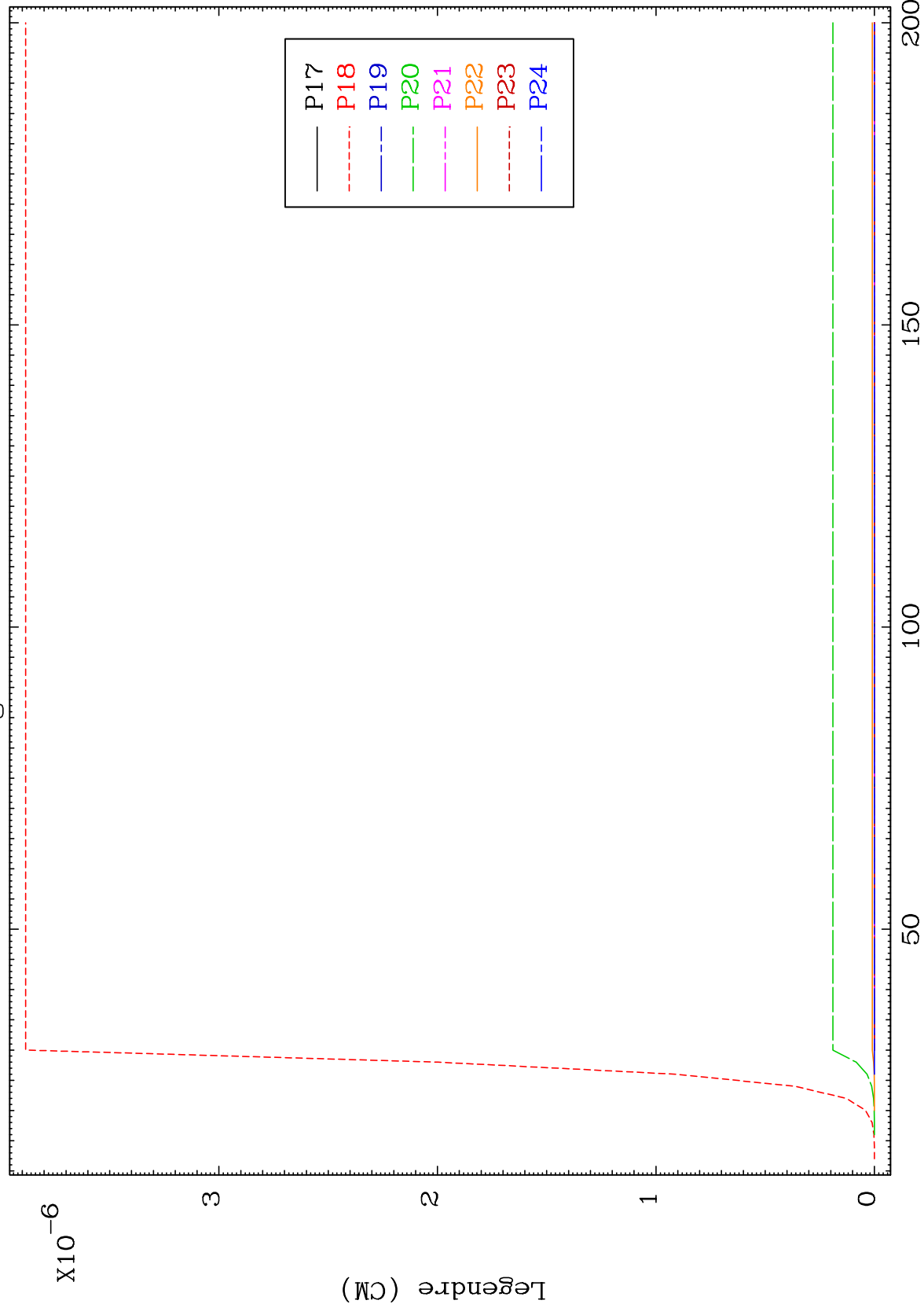
35



MAT 5298

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

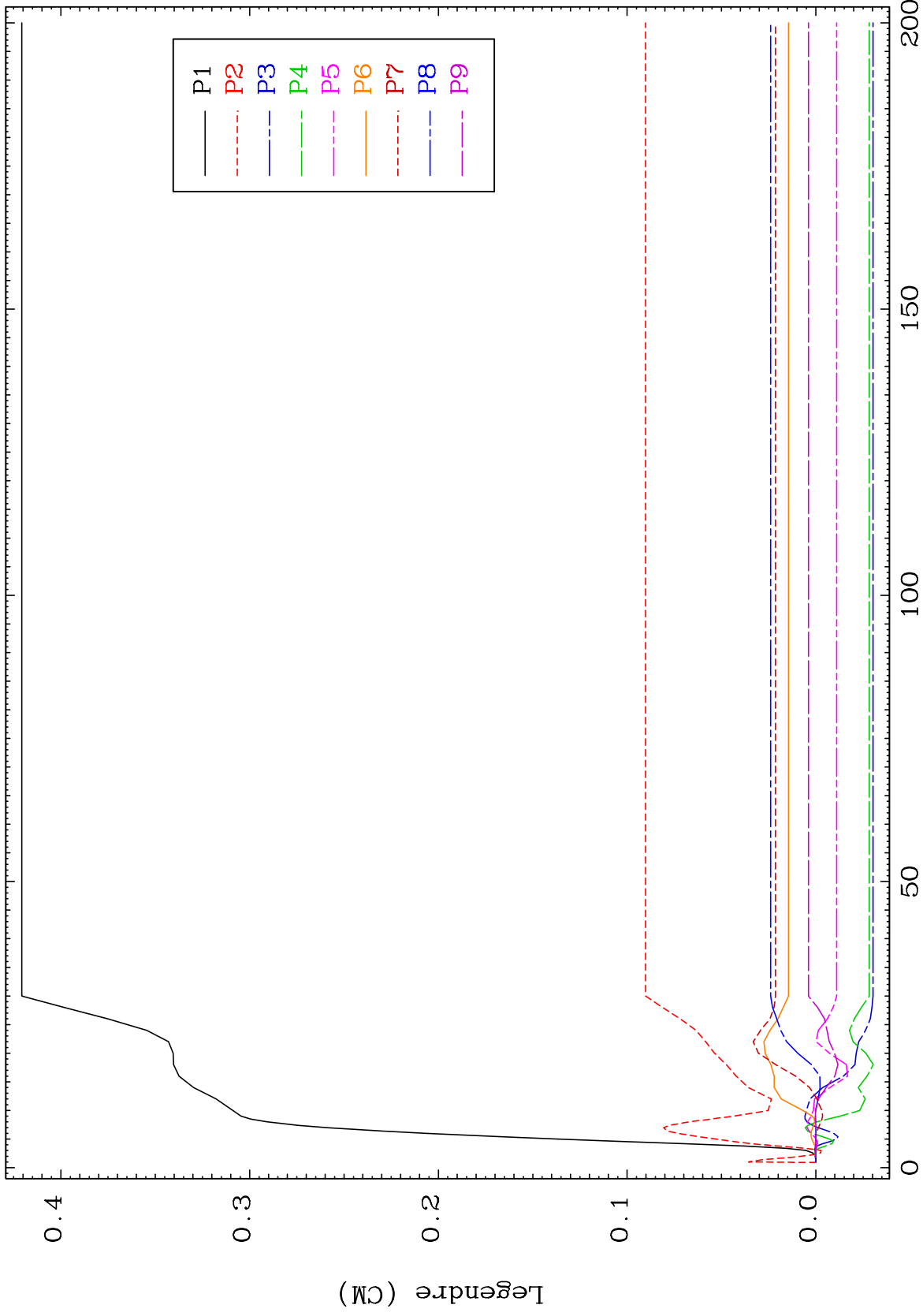
53-I -118



53-I -118

Incident Energy (MeV)

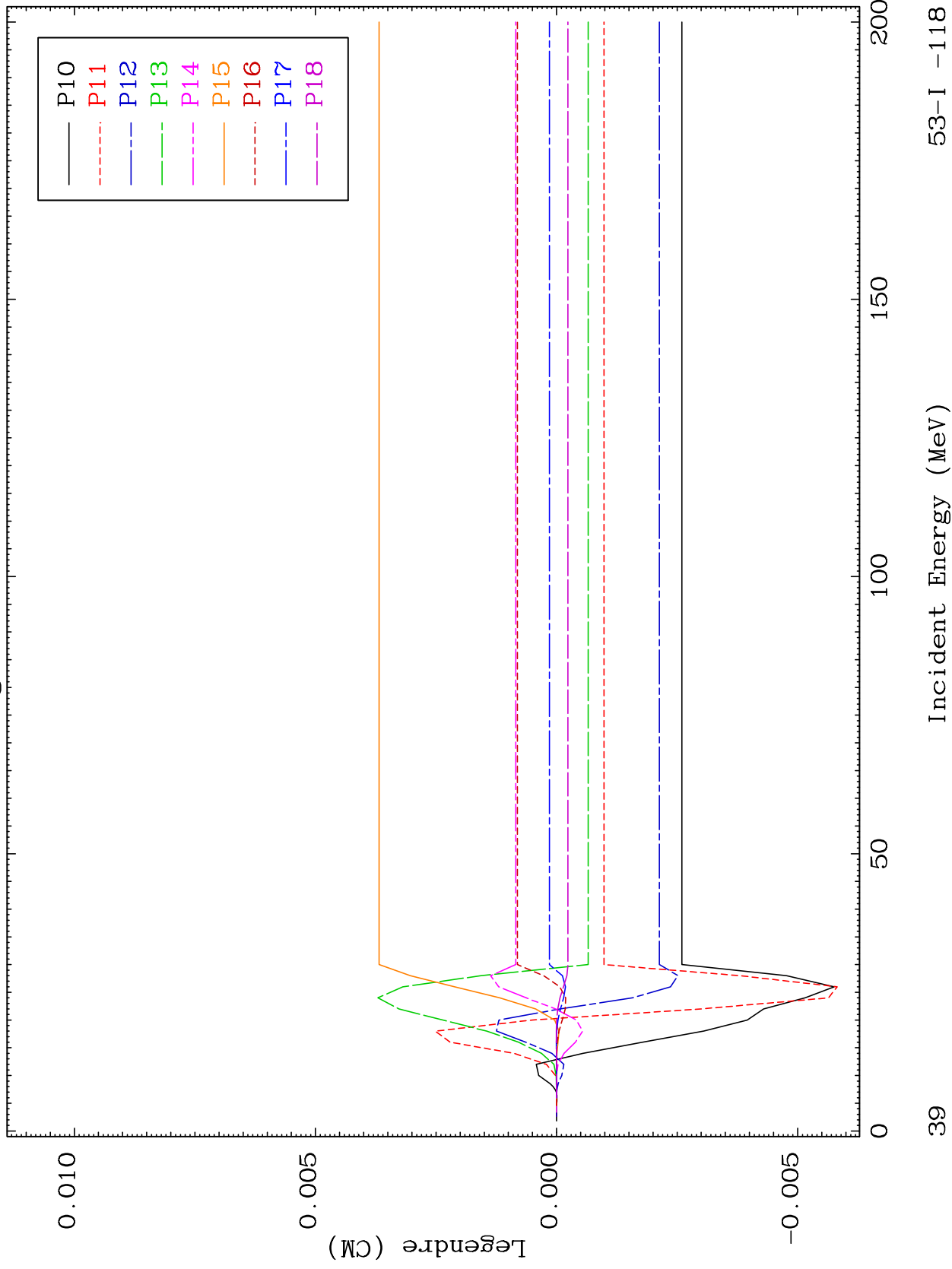
37



MAT 5298

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

53-I -118



39

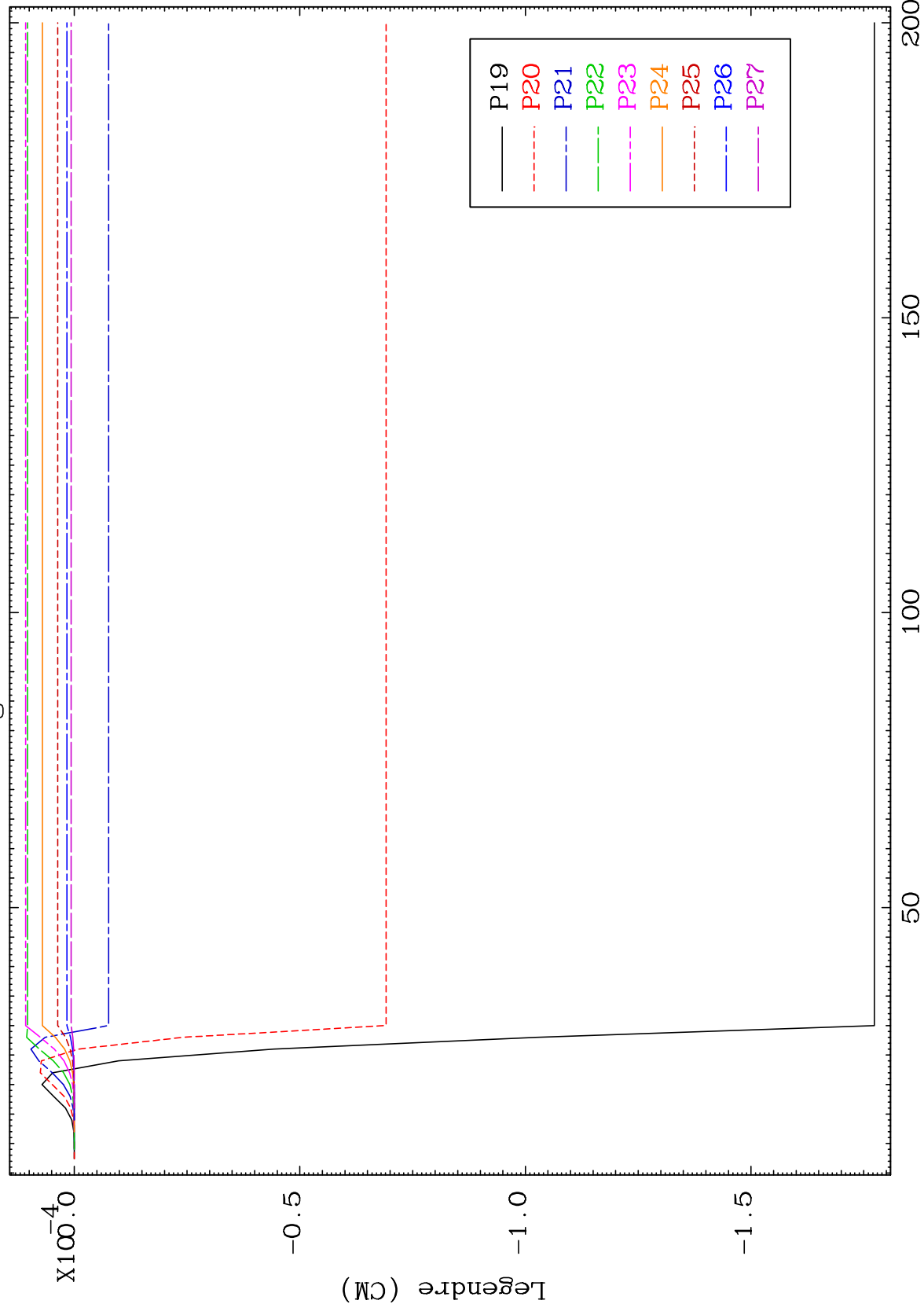
Incident Energy (MeV)

53-I -118

MAT 5298

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

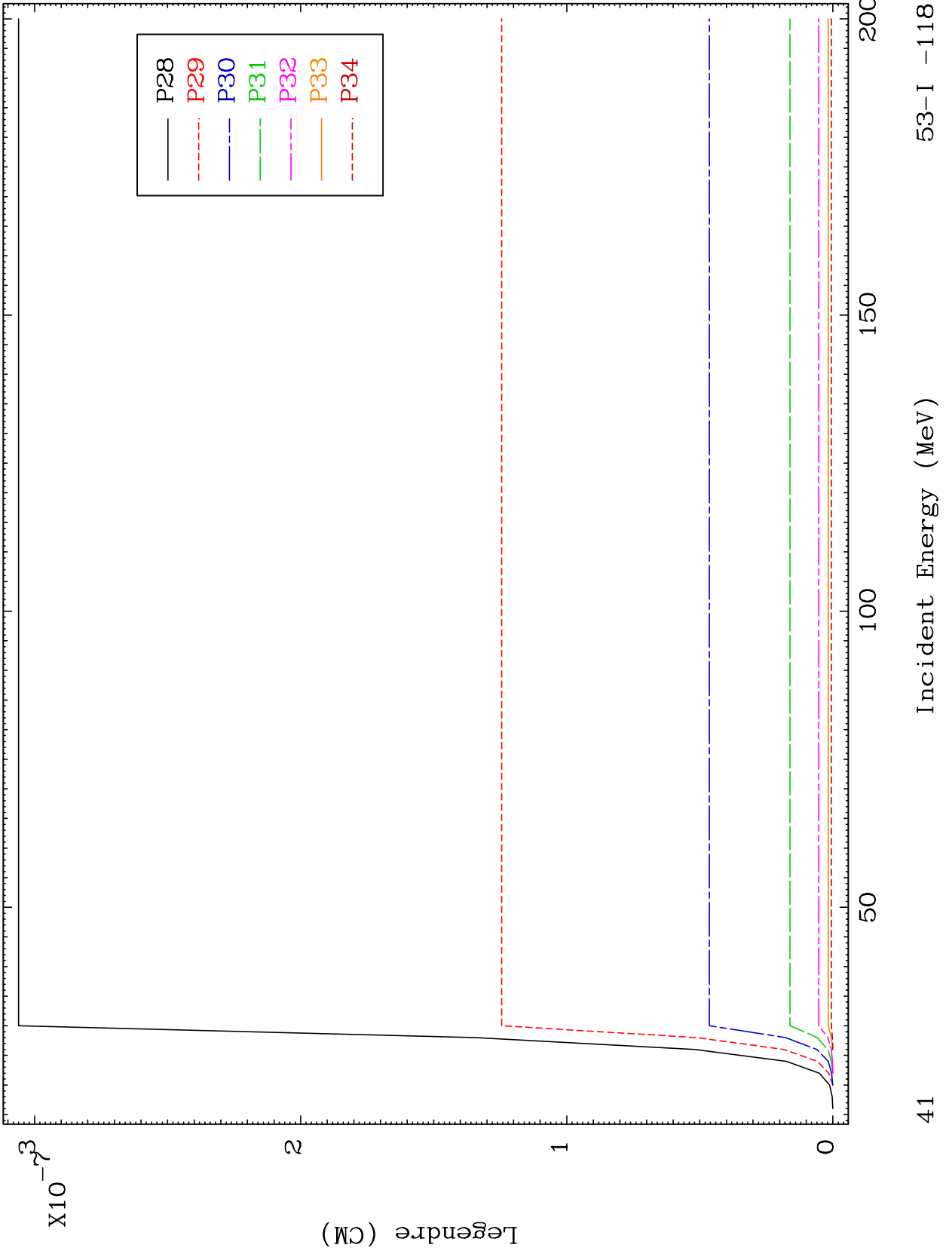
53-I -118

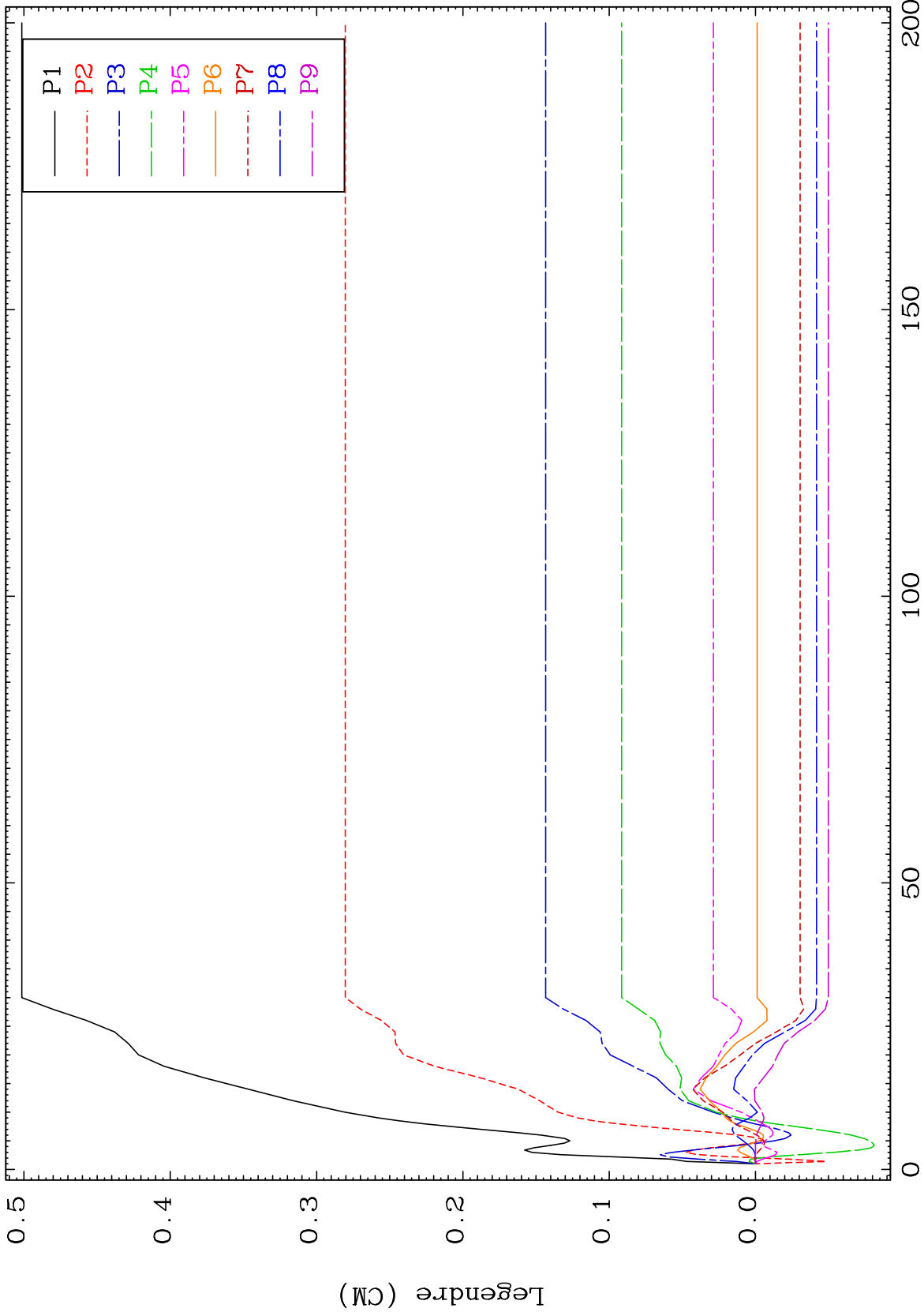


40

Incident Energy (MeV)

53-I -118

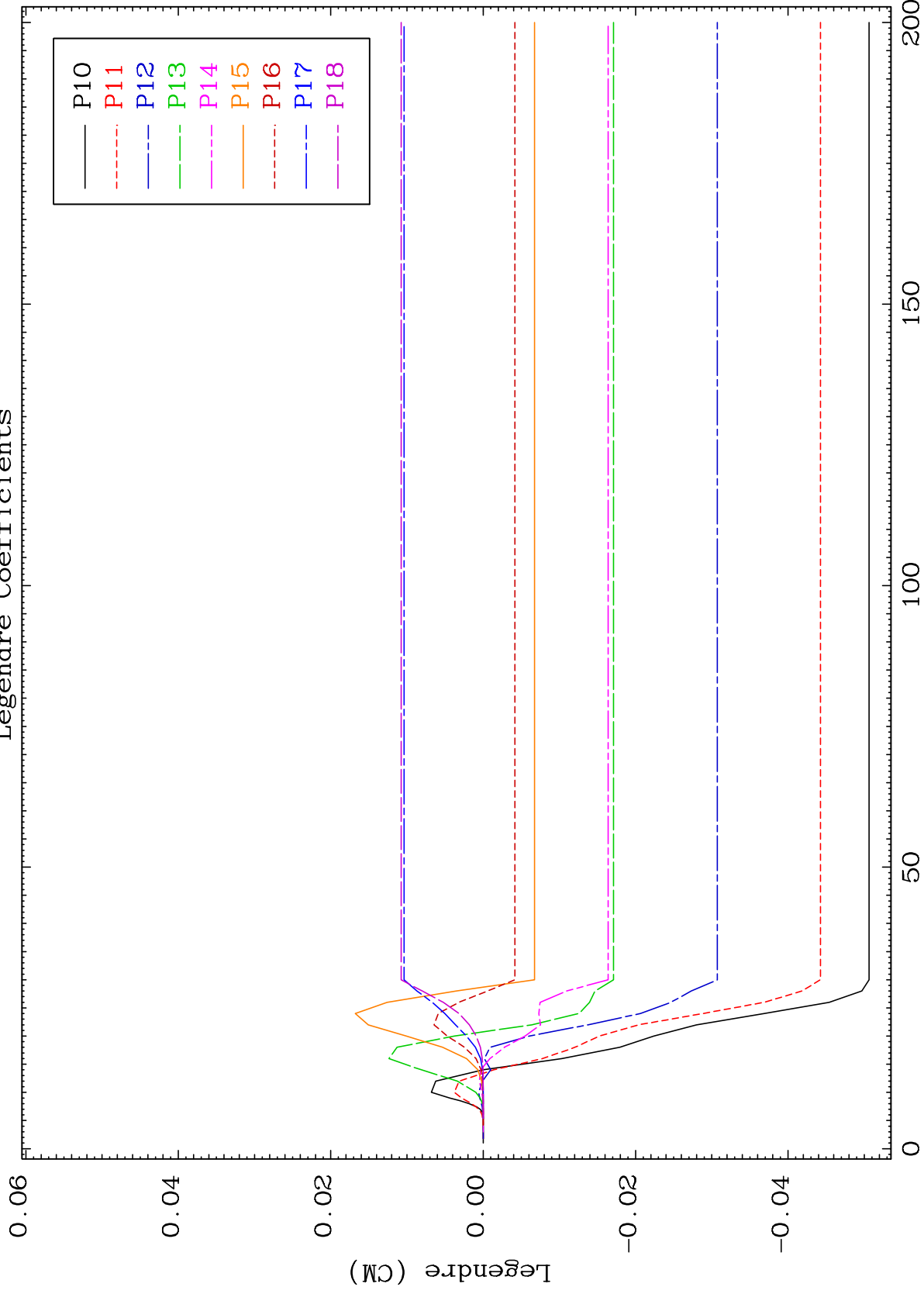




MAT 5298

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

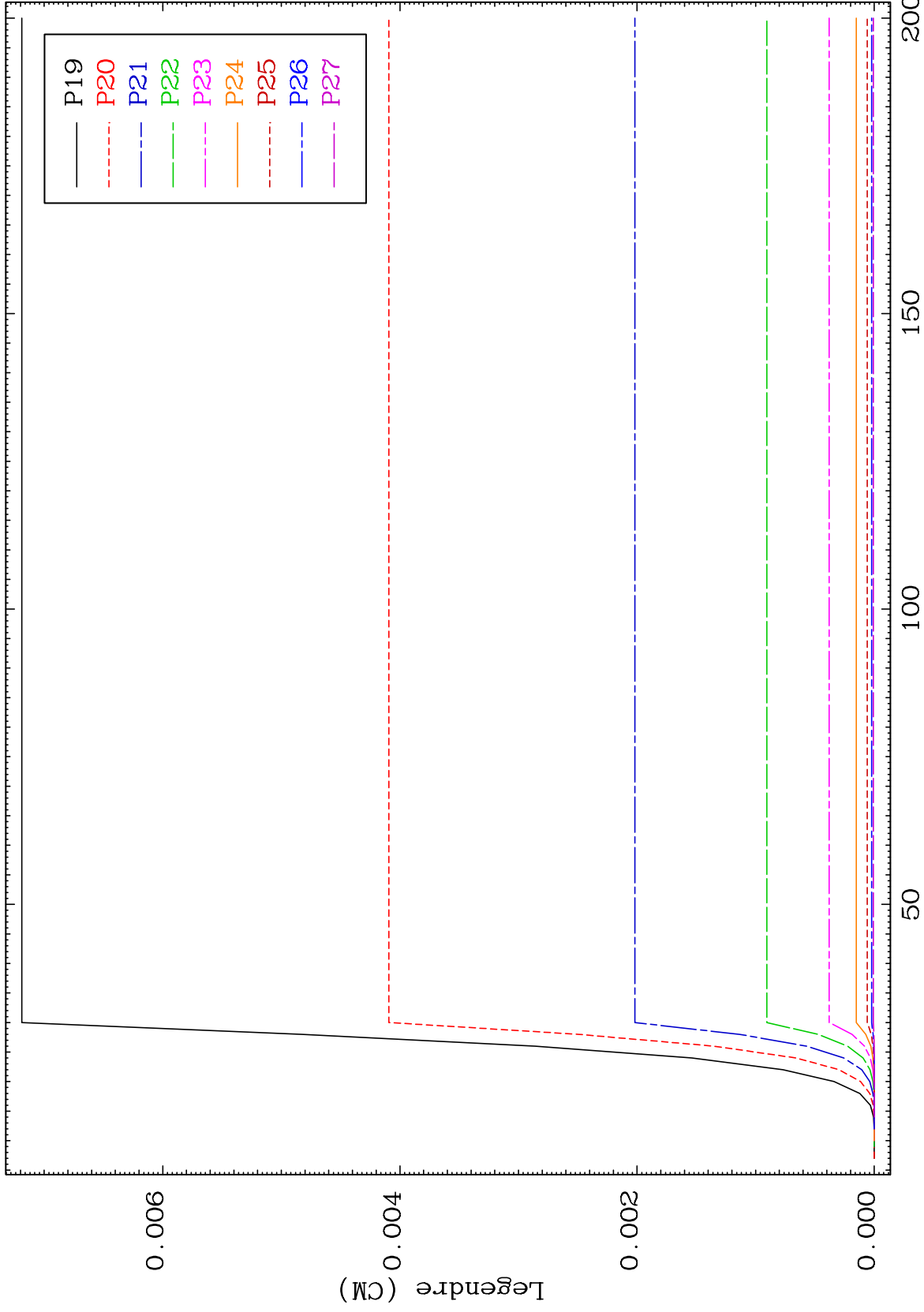
53-I -118

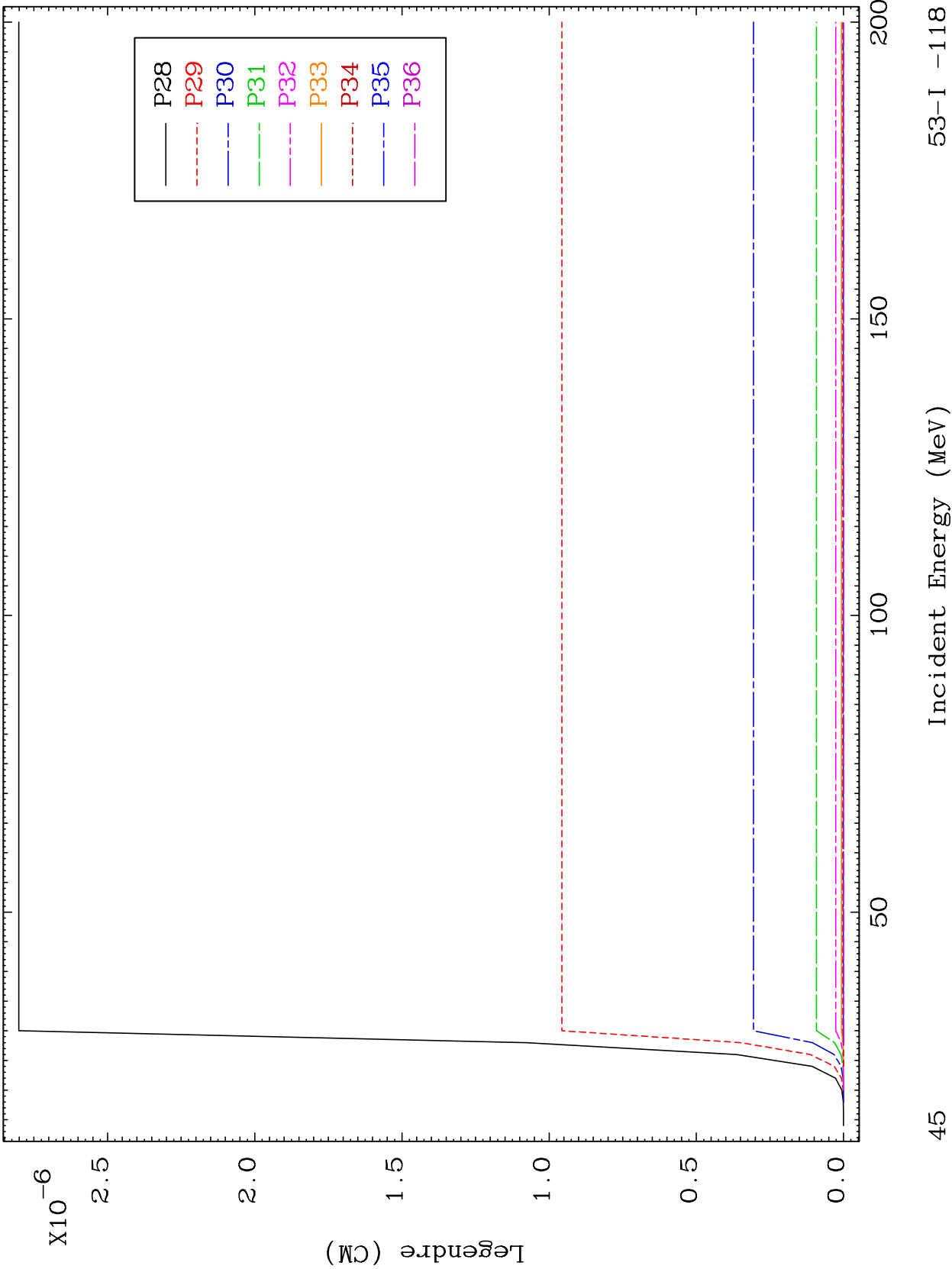


43

Incident Energy (MeV)

53-I -118

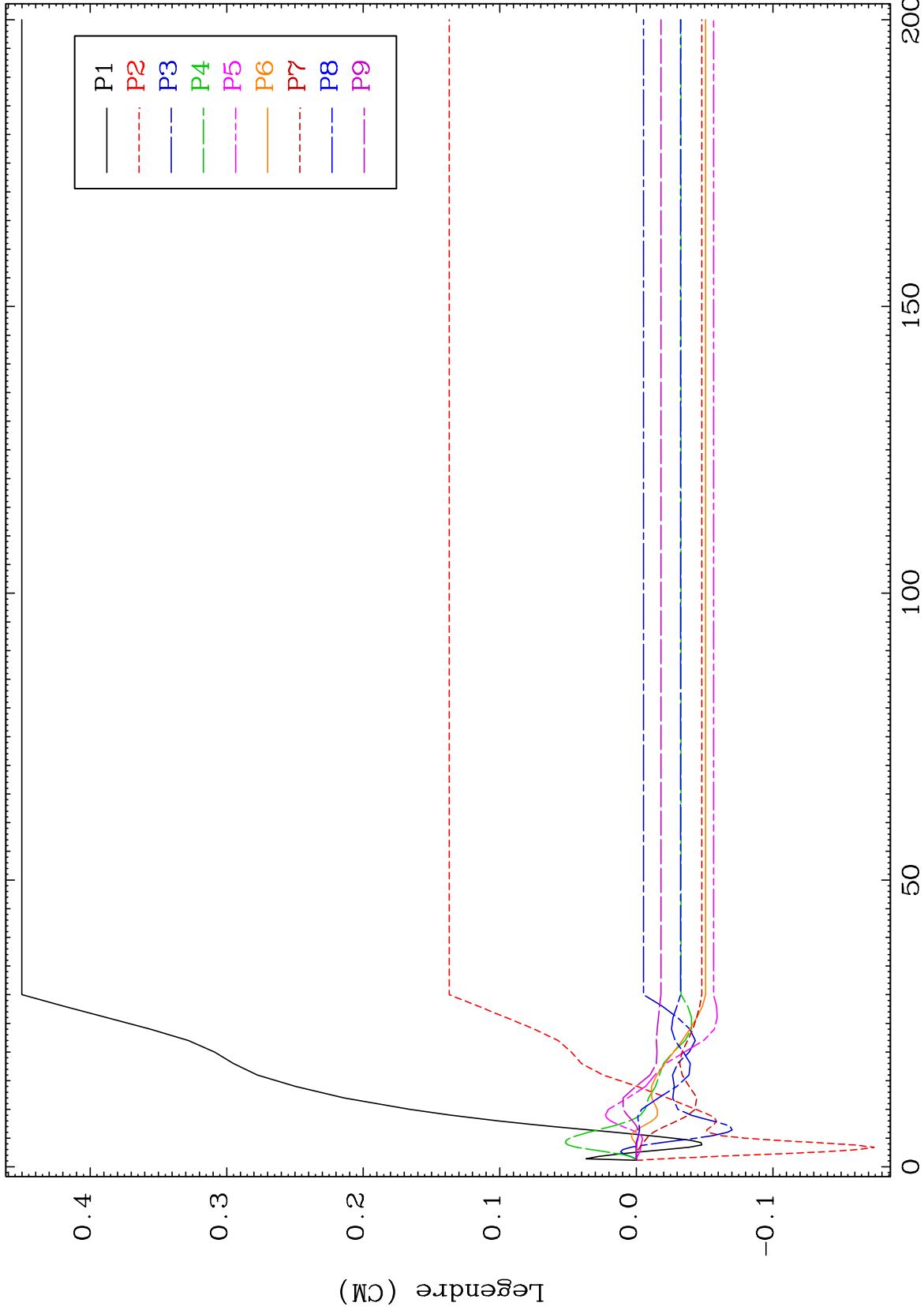




MAT 5298

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

53-I -118



46

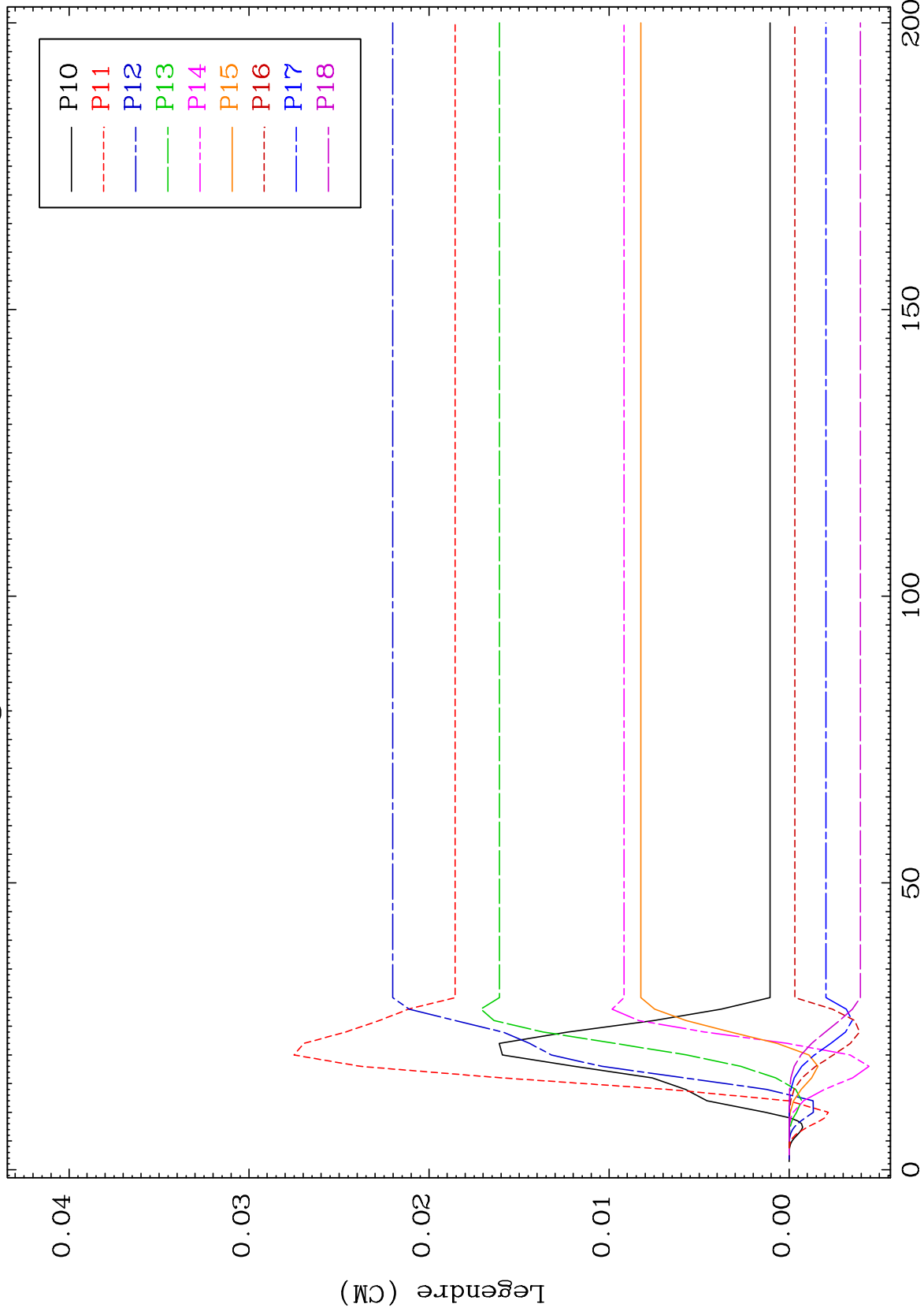
Incident Energy (MeV)

53-I -118

MAT 5298

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

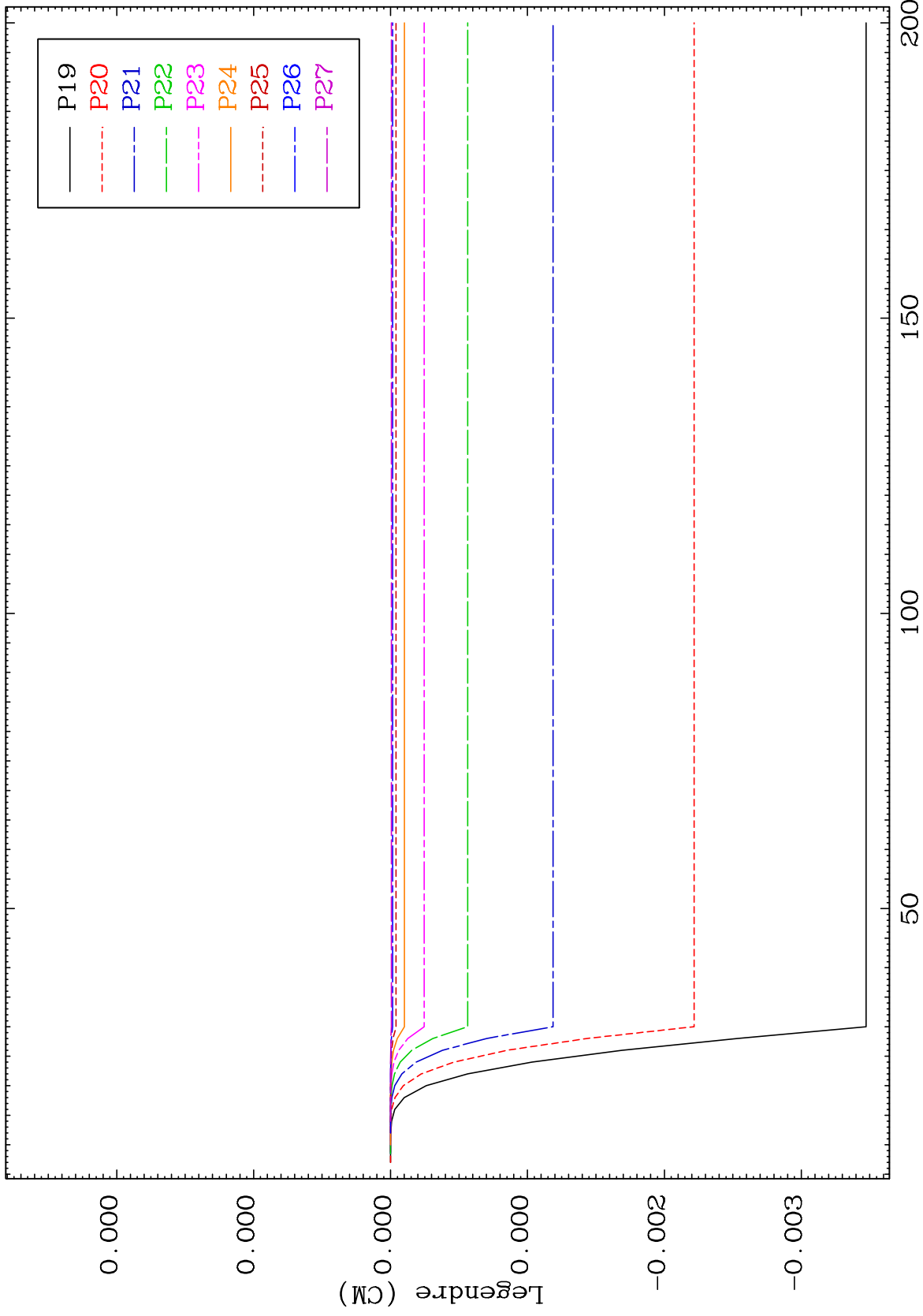
53-I -118



47

Incident Energy (MeV)

53-I -118

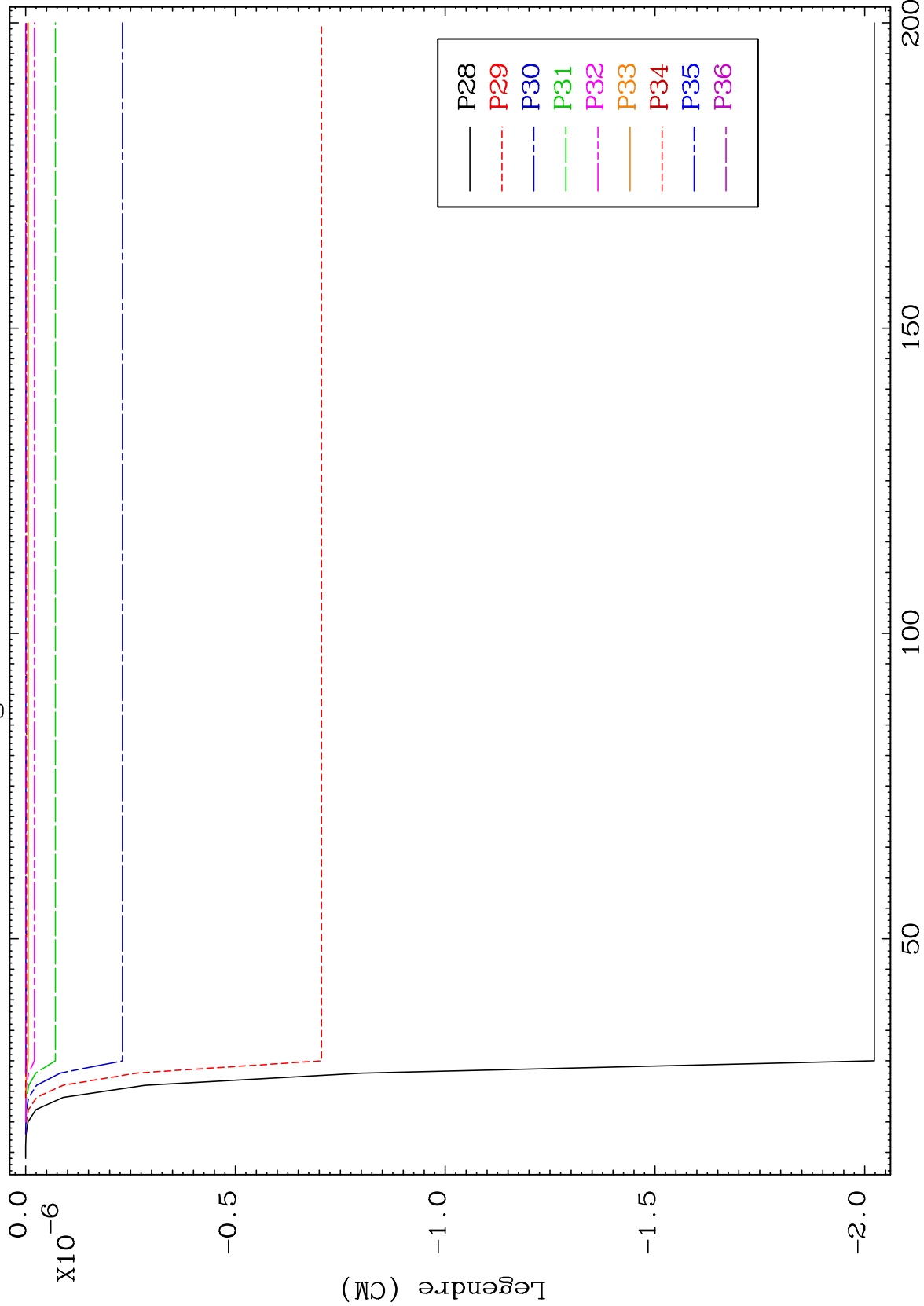


MAT 5298

MT= 59 (n,n') Level

53-I -118

Legendre Coefficients



49

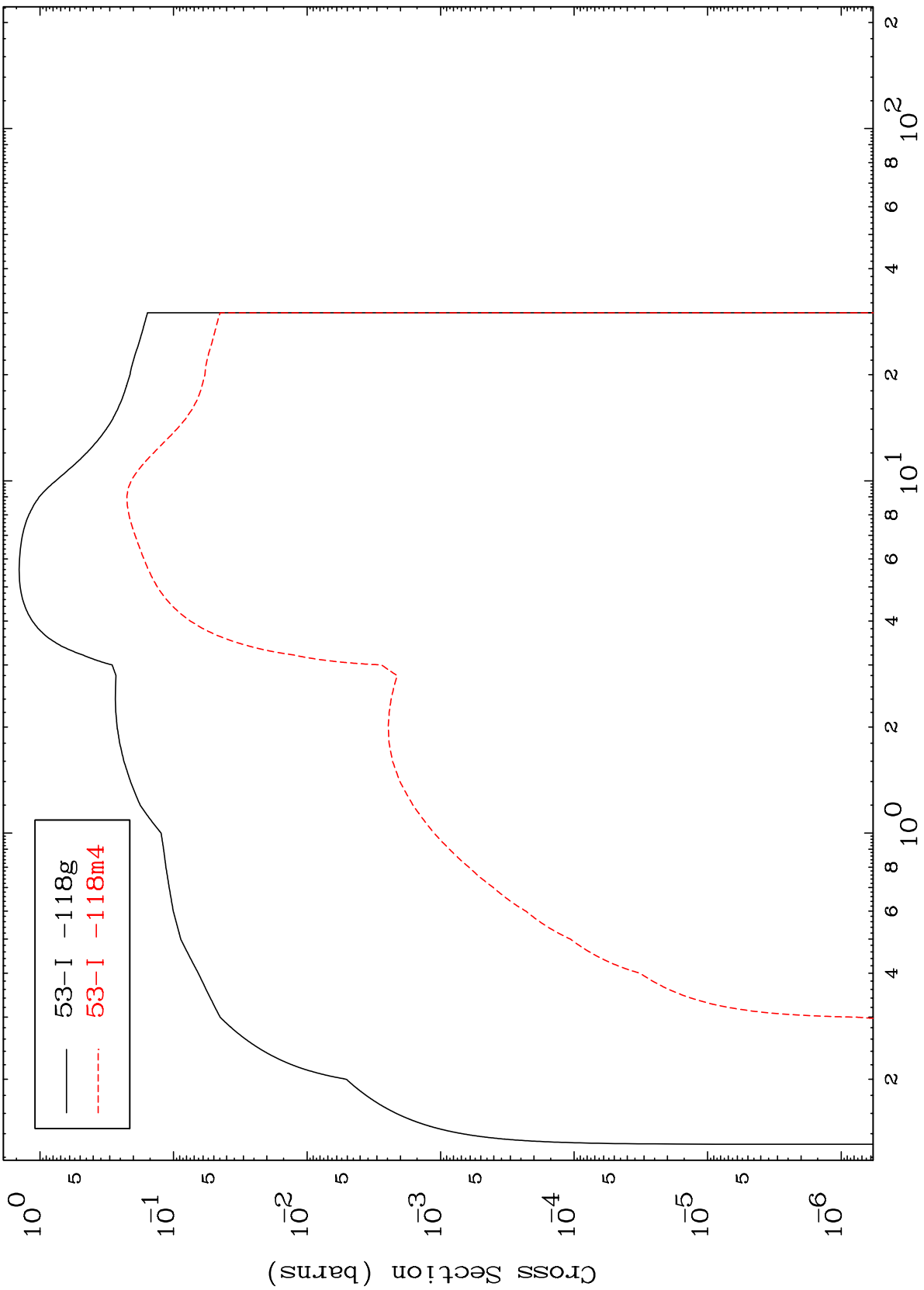
Incident Energy (MeV)

53-I -118

MAT 5298

53-I -118

Radionuclide Production Cross Section



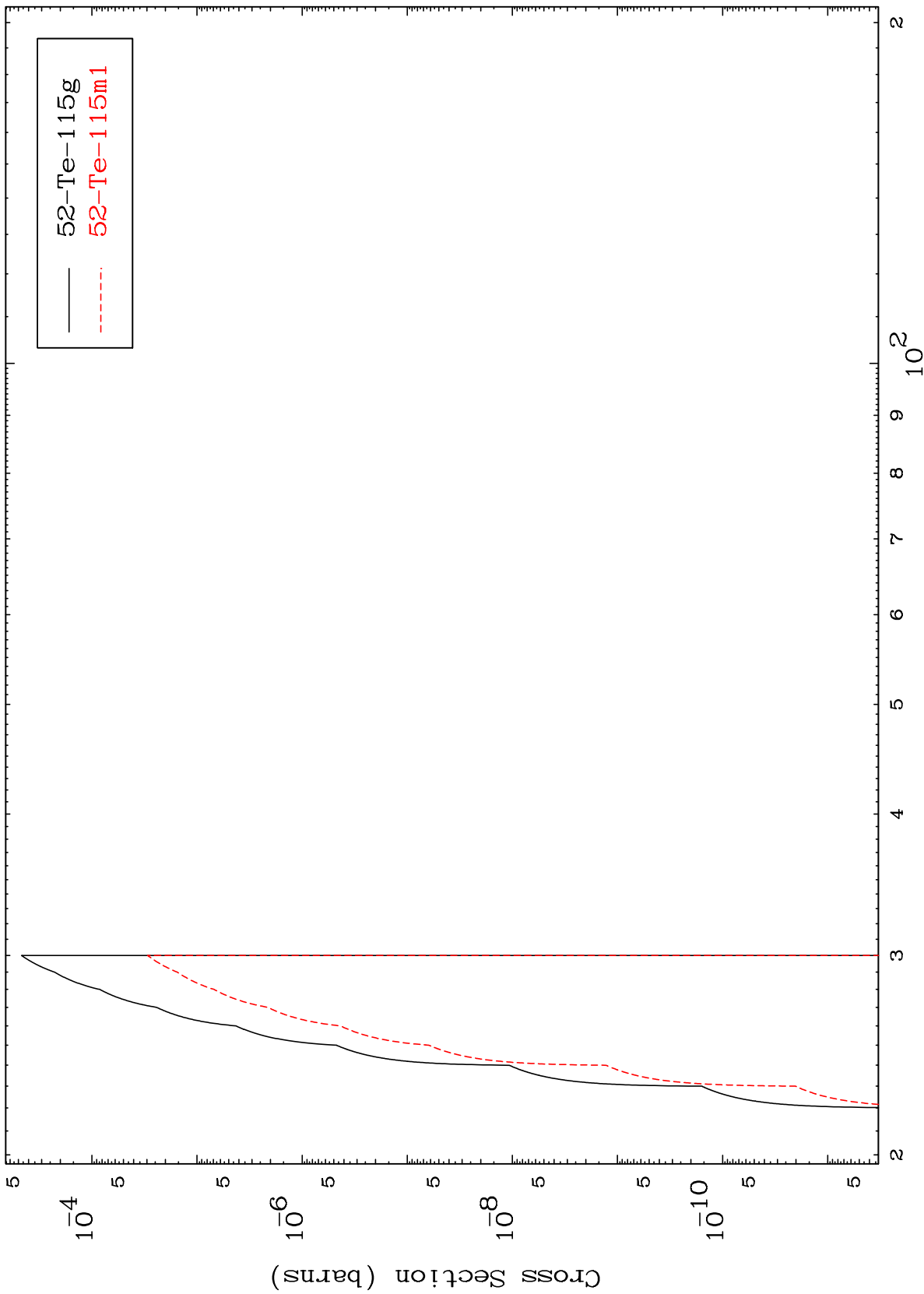
53-I -118g
53-I -118m4

50

53-I -118

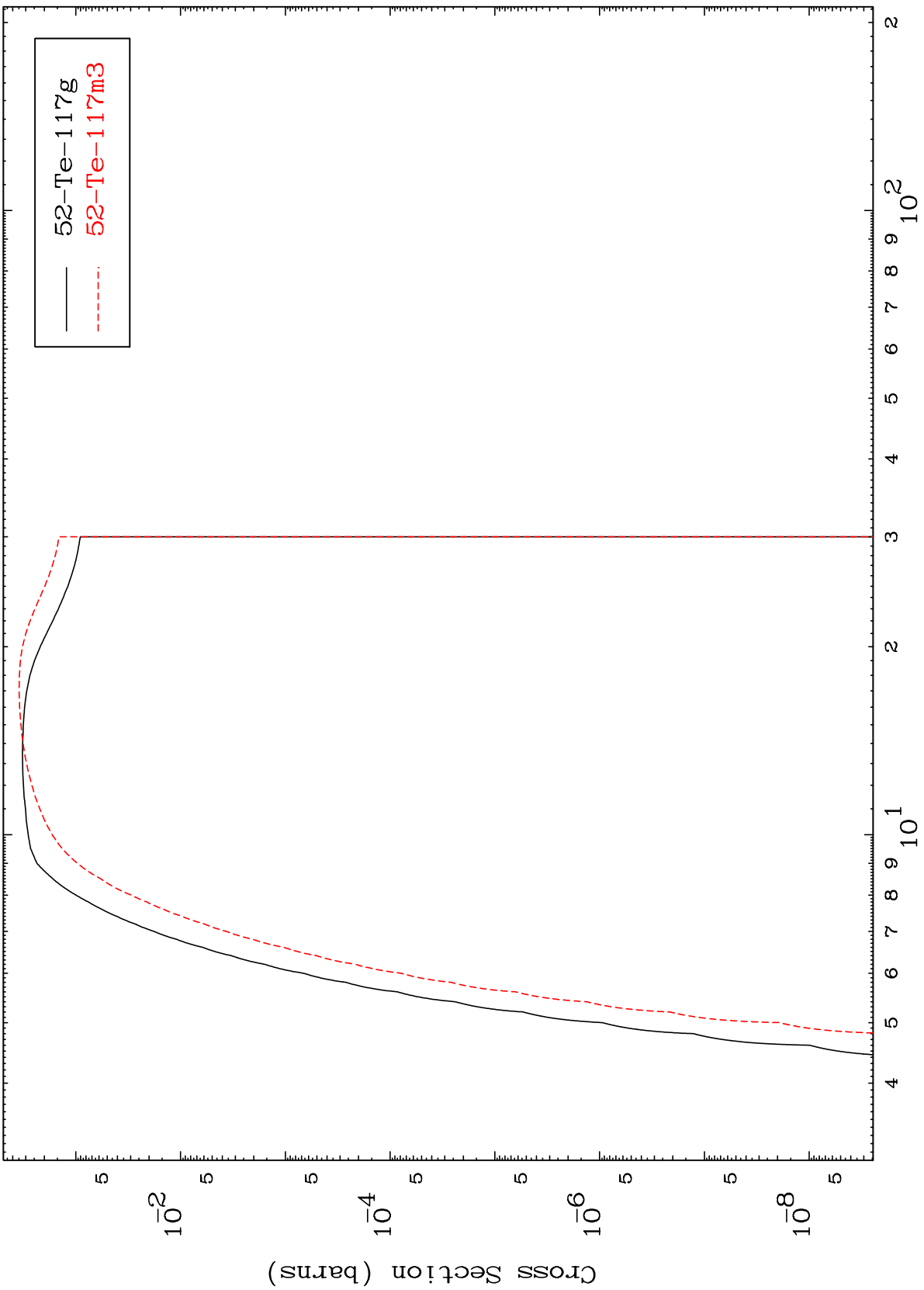
Incident Energy (MeV)

Radionuclide Production Cross Section



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

Radionuclide Production Cross Section

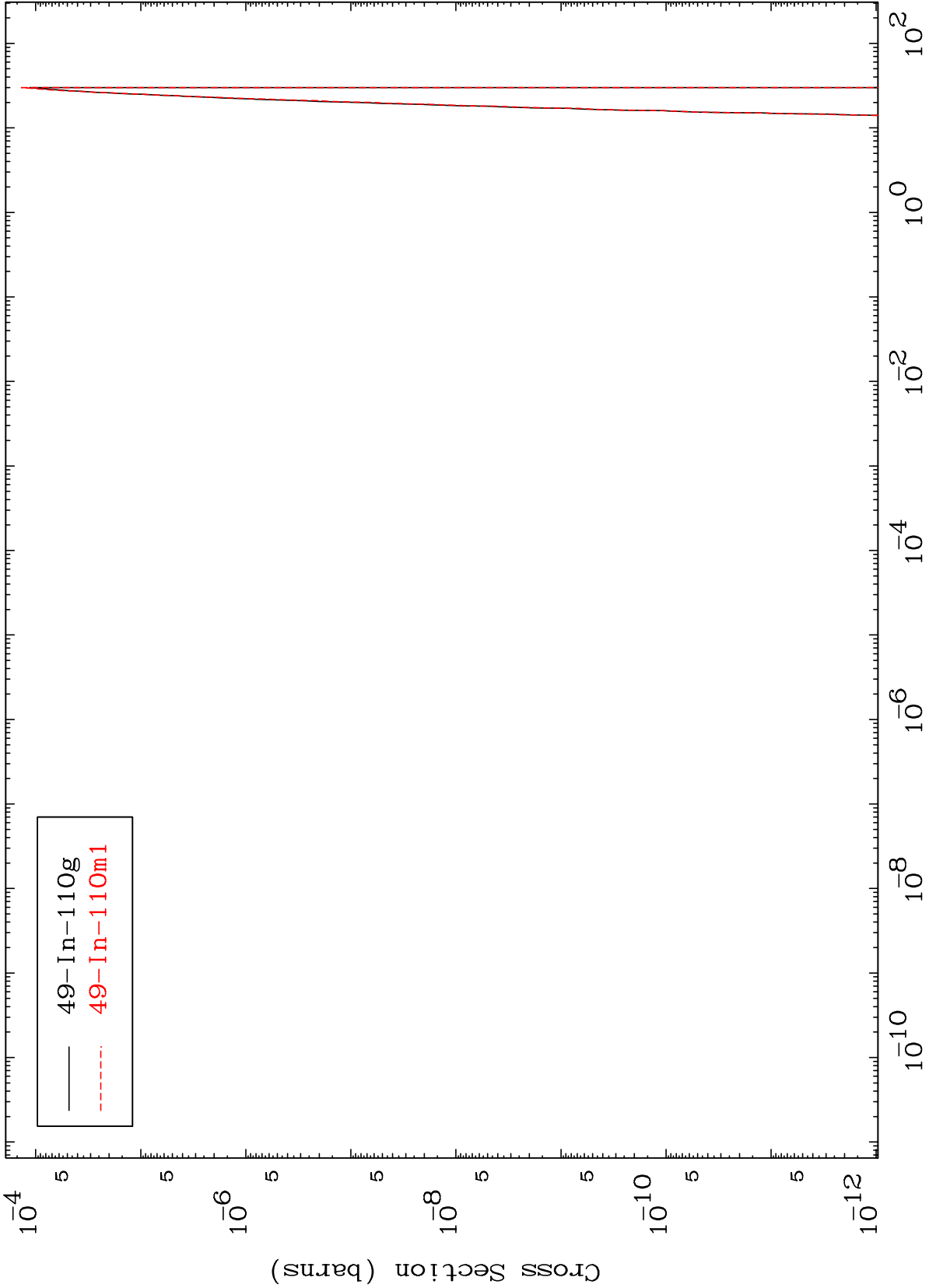


MAT 5298

(n,n') 2α

53-I -118

Radionuclide Production Cross Section

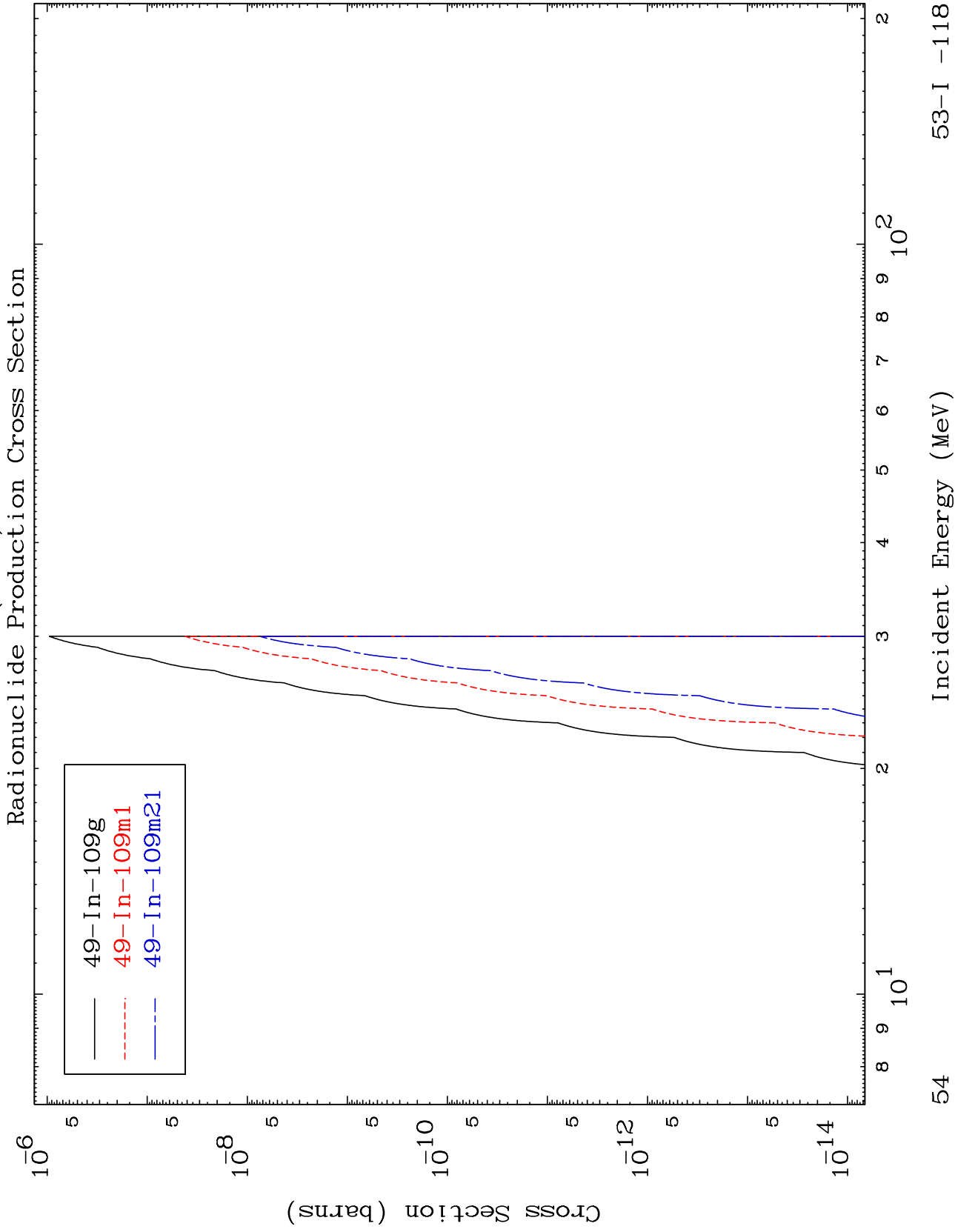


49-In-110g
49-In-110m1

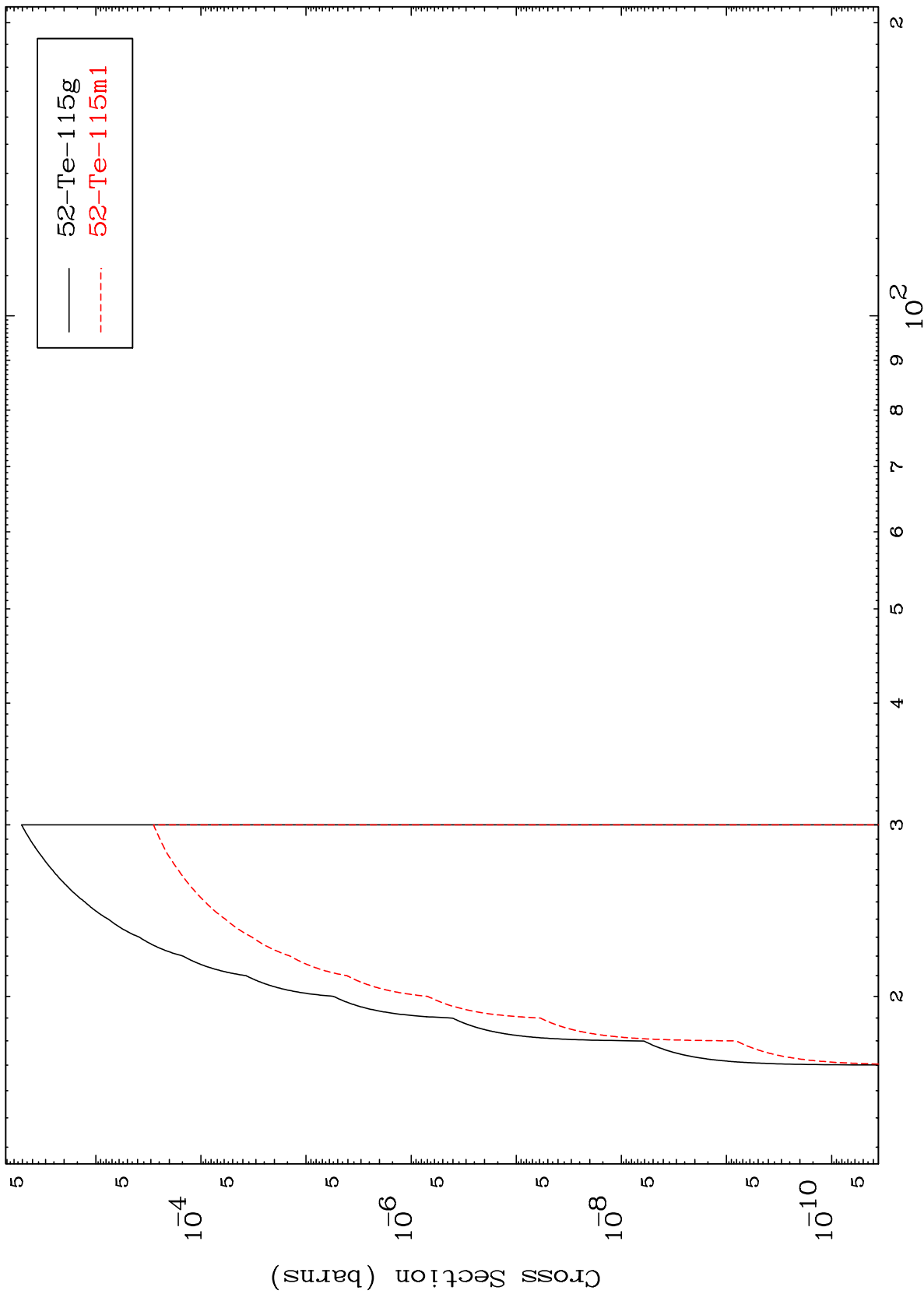
53

Incident Energy (MeV)

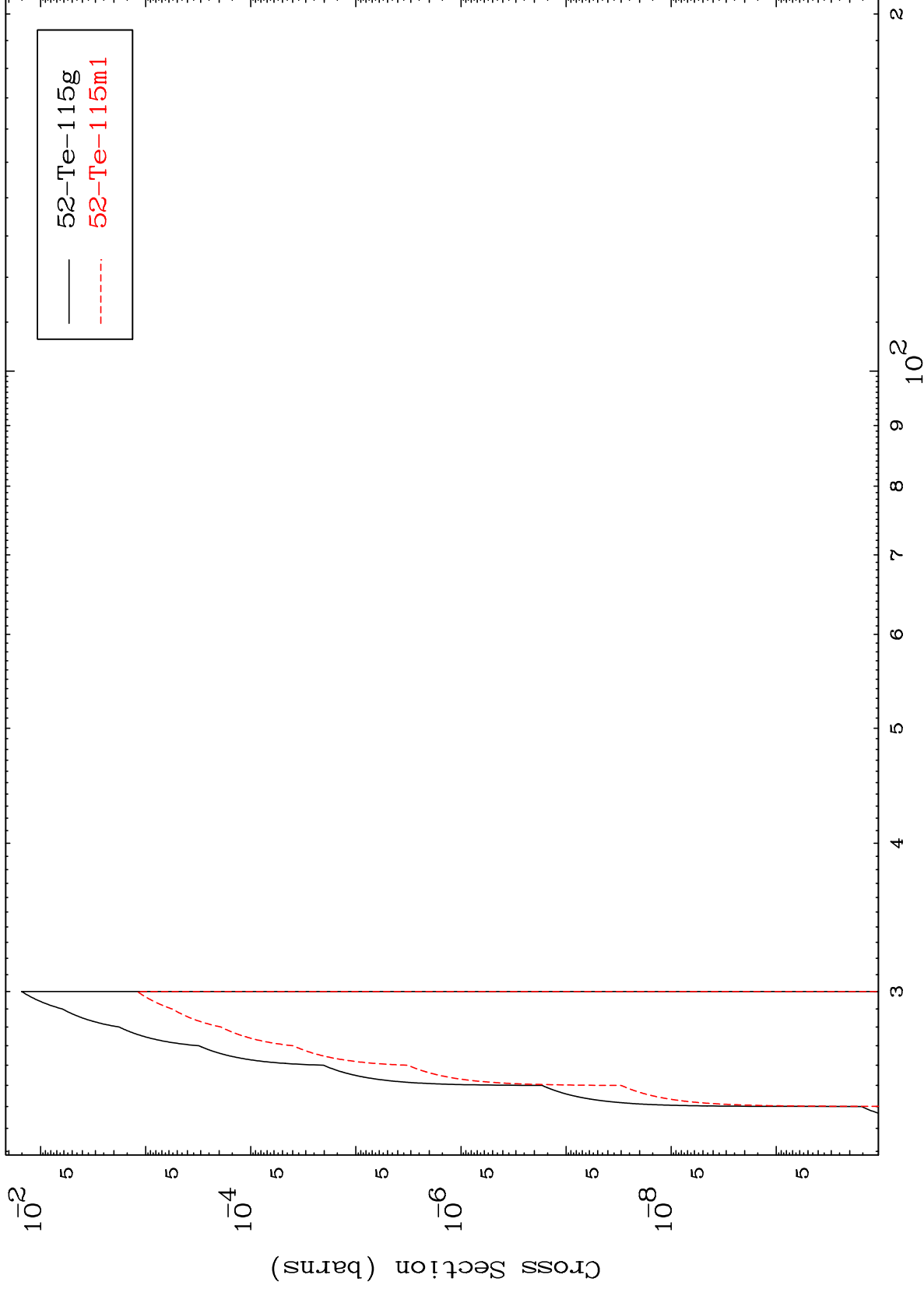
53-I -118



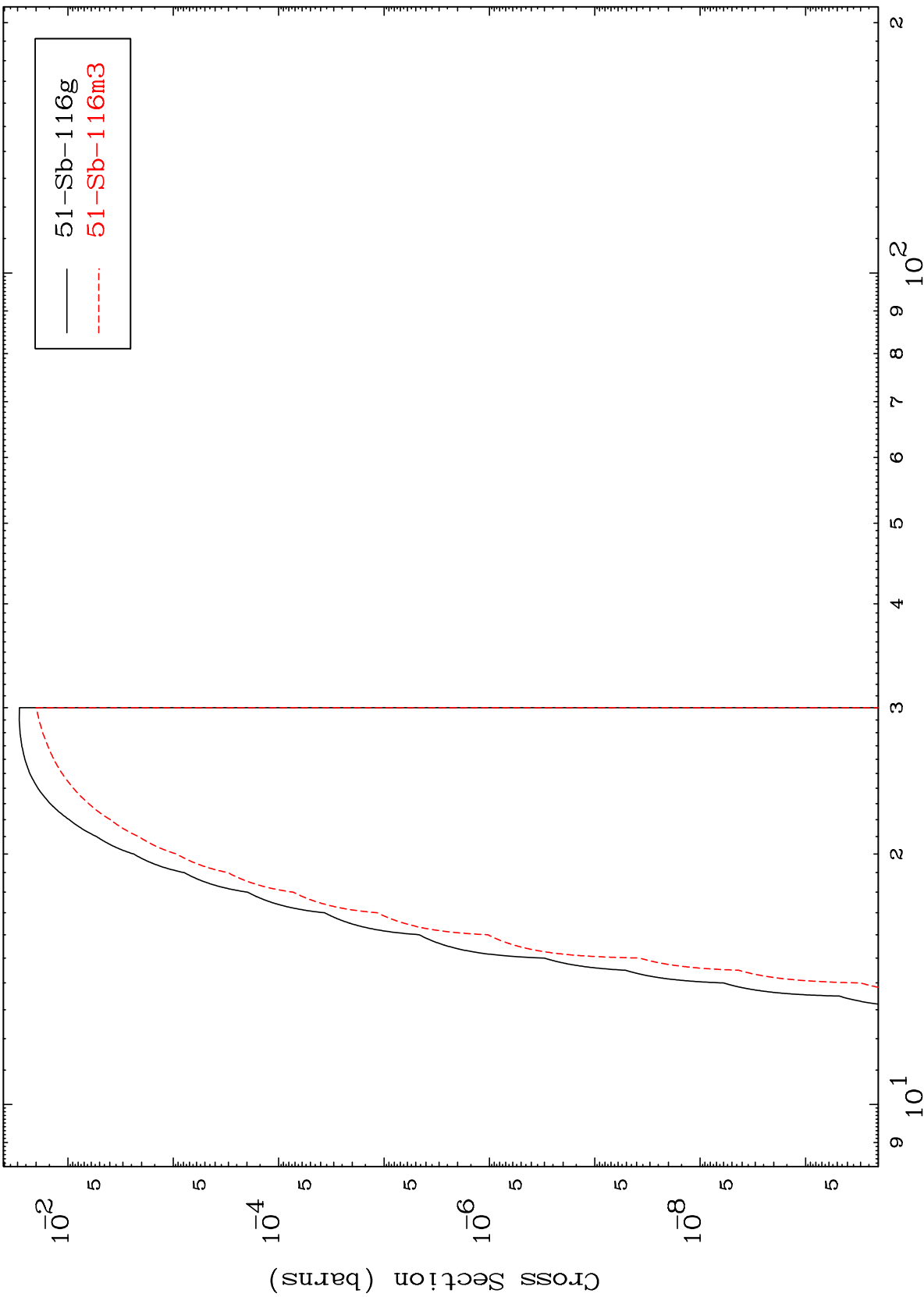
Radionuclide Production Cross Section



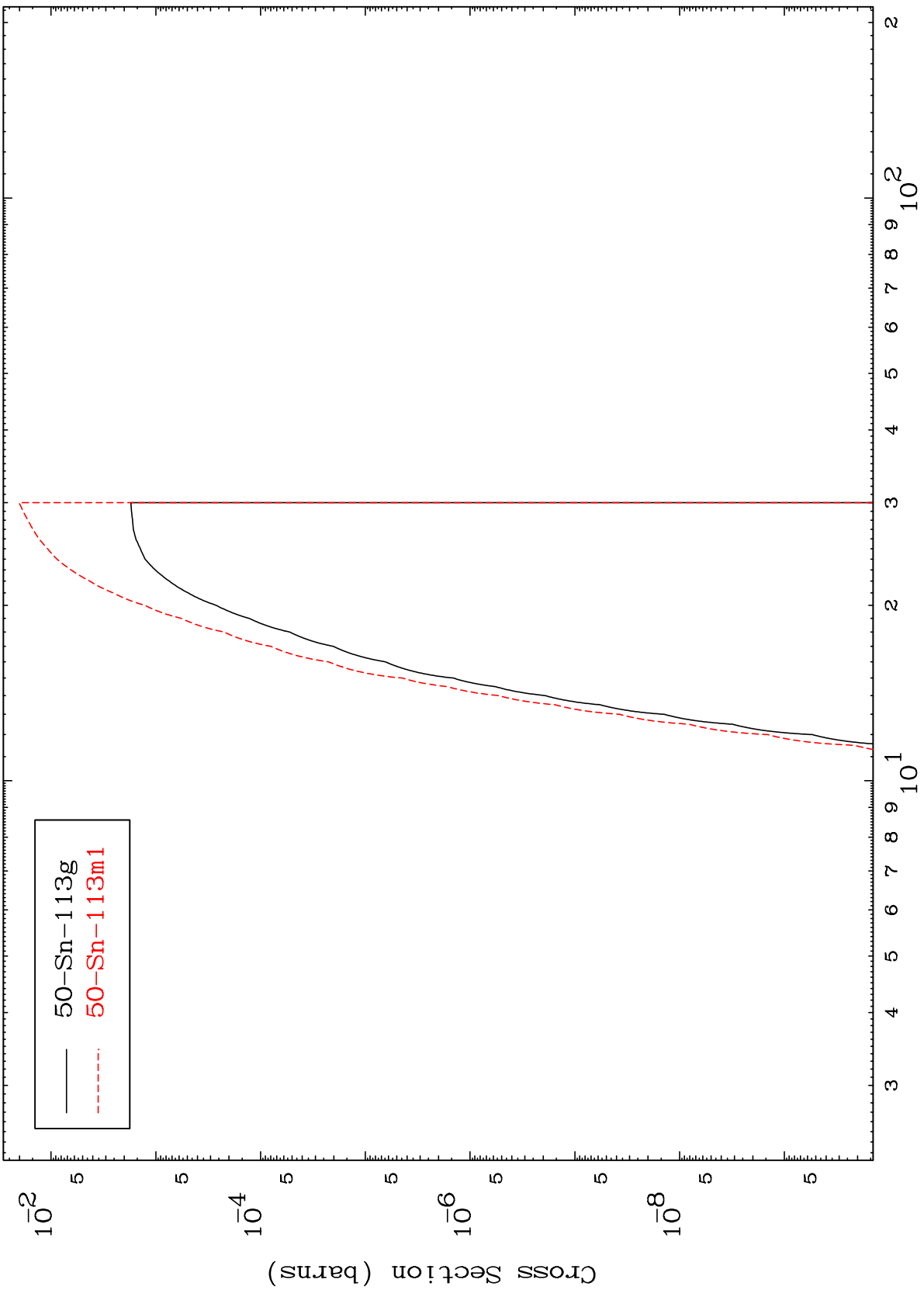
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

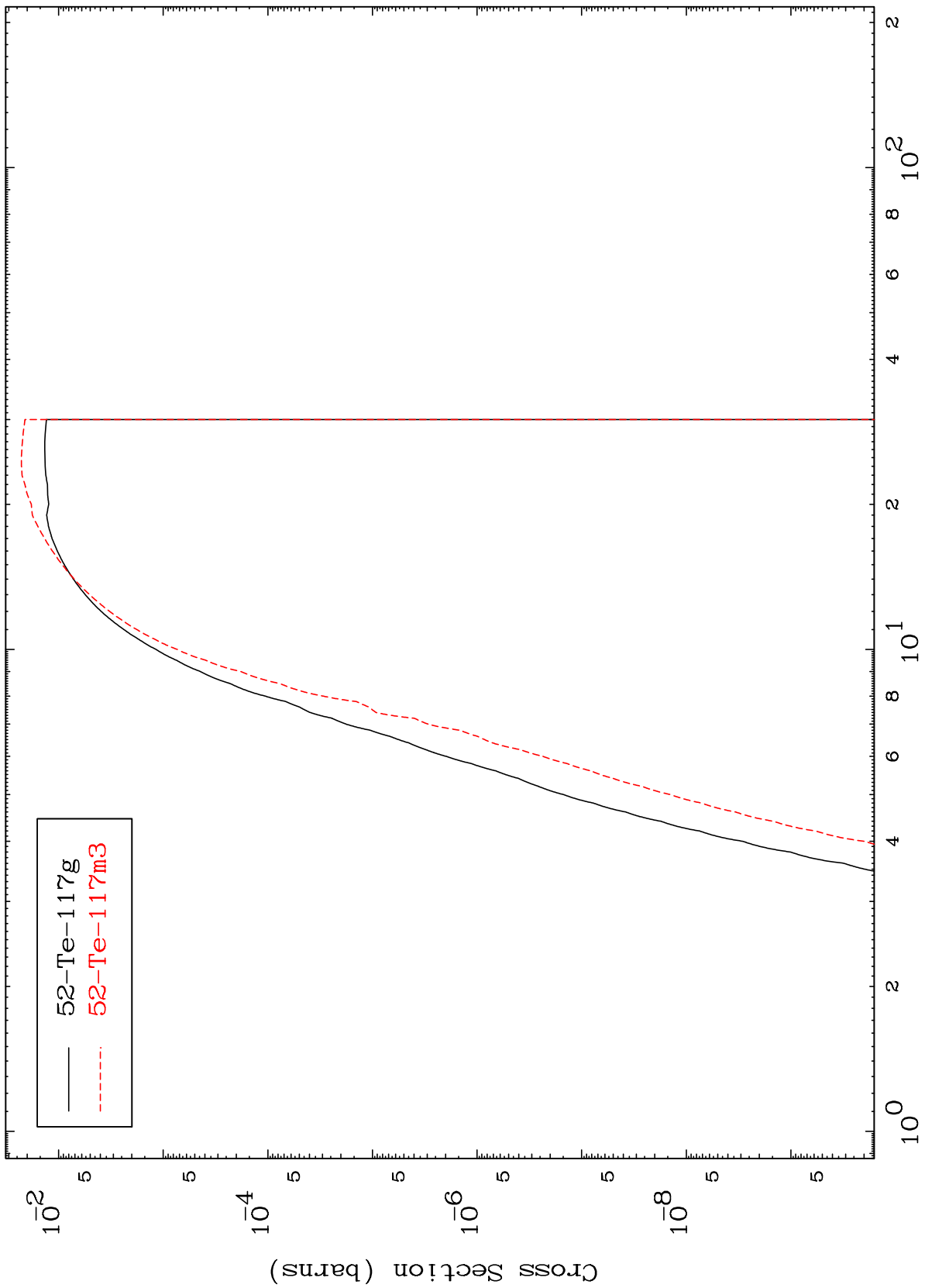


— 50-Sn-113g
- - - 50-Sn-113m1

MAT 5298

53-I -118

(n,d)
Radionuclide Production Cross Section



59

Incident Energy (MeV)

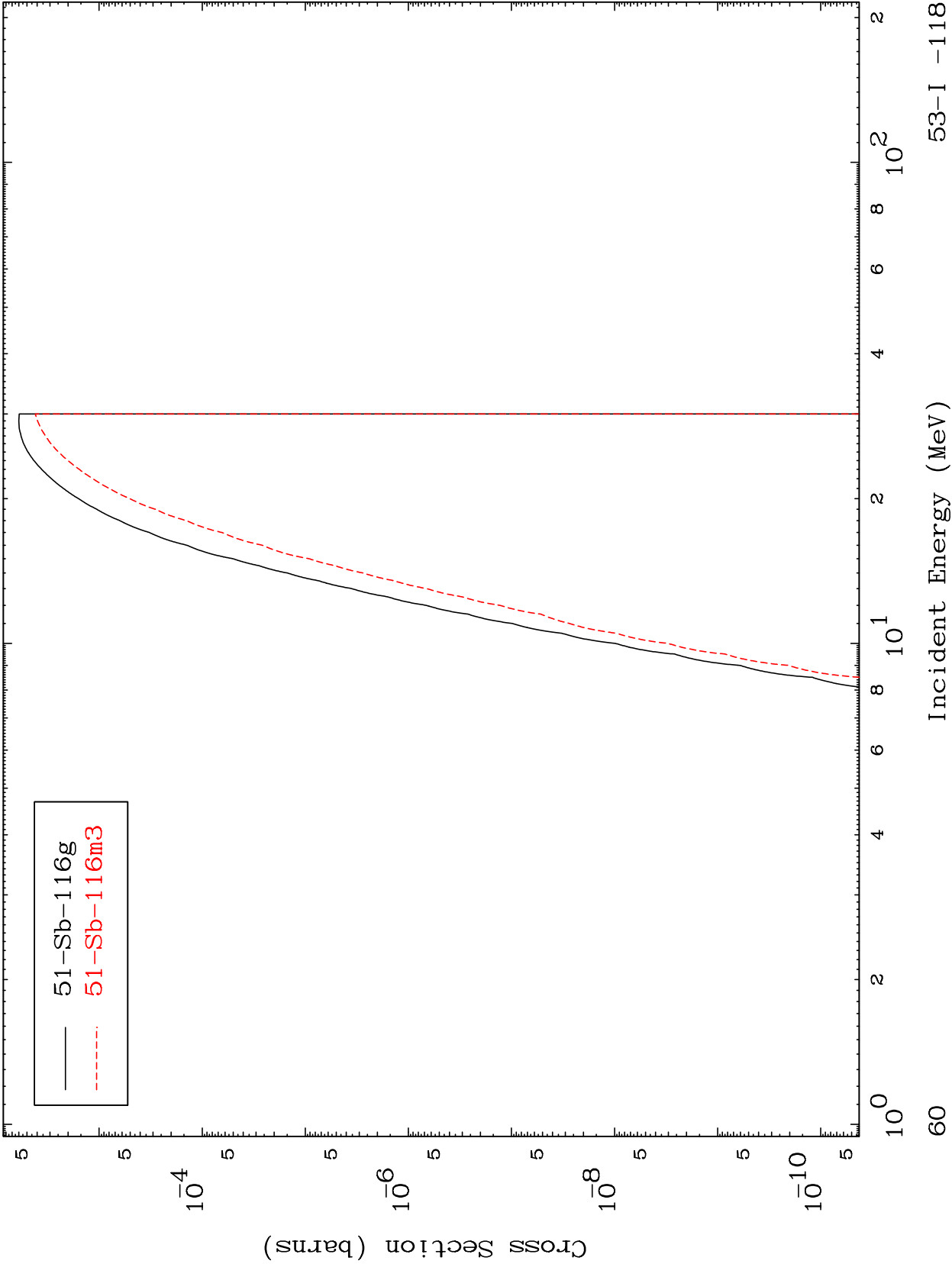
53-I -118

MAT 5298

(n,He-3)

53-I -118

Radionuclide Production Cross Section

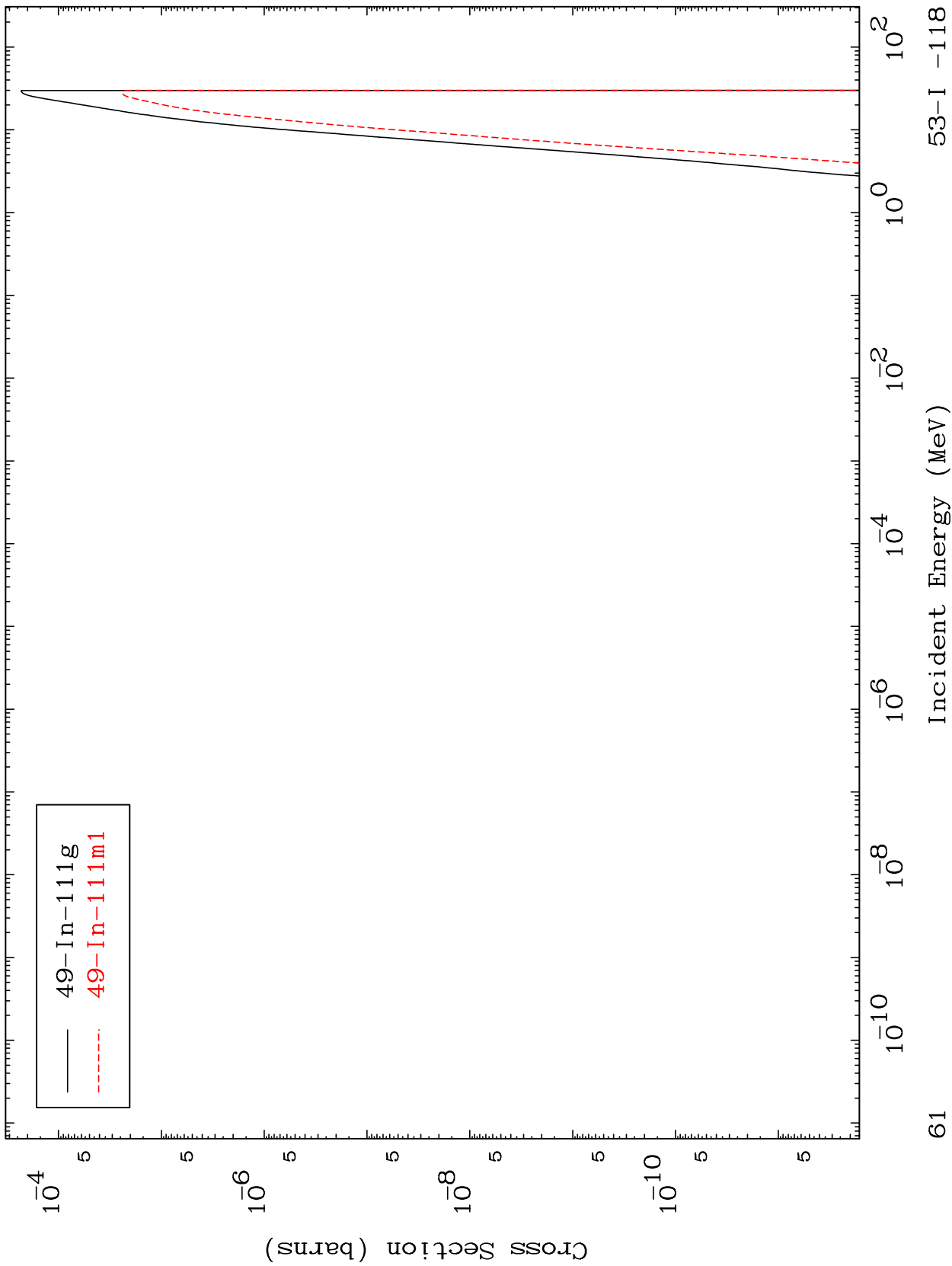


Incident Energy (MeV)

53-I -118

60

Radionuclide Production Cross Section
(n,2α)

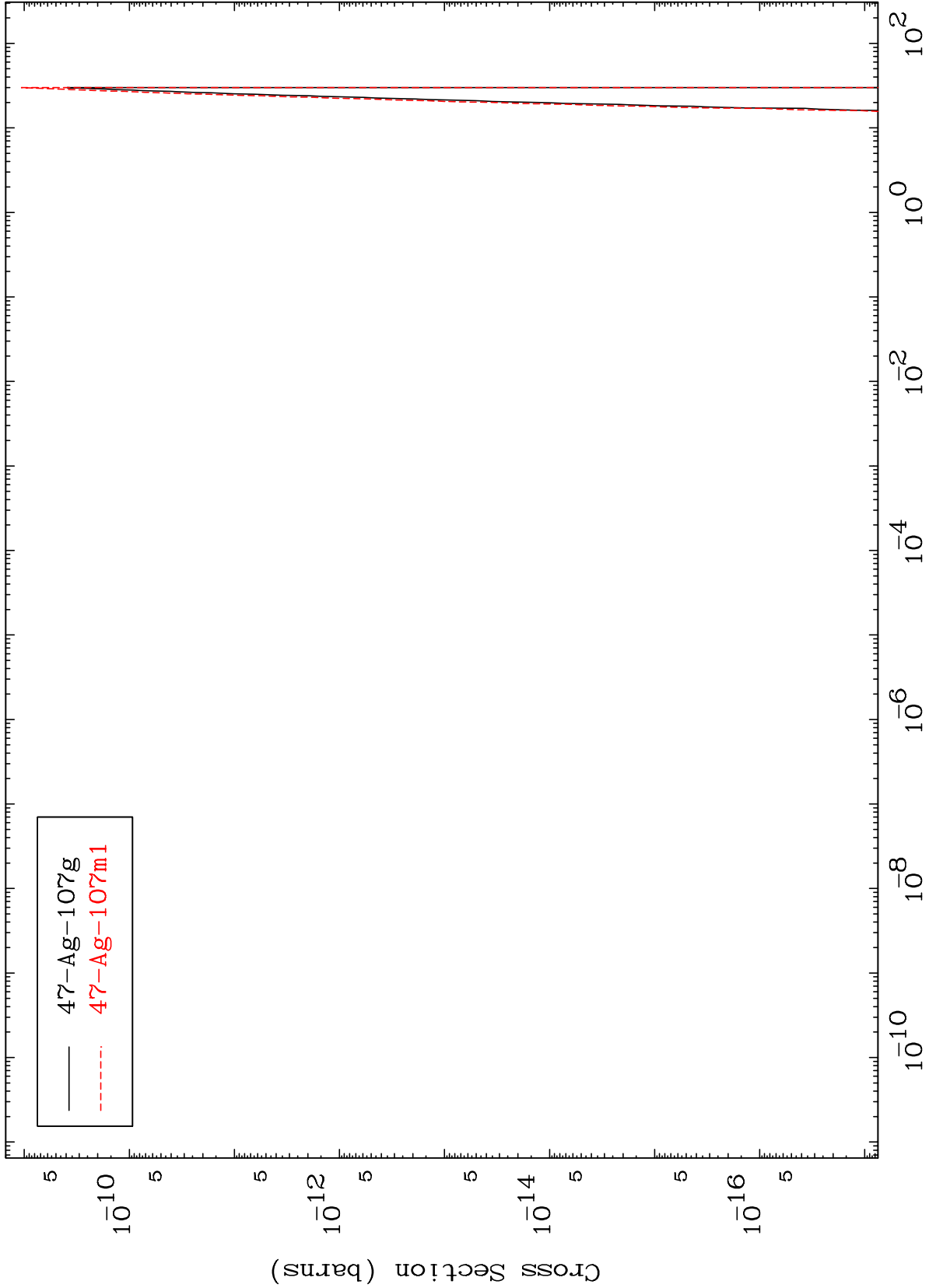


MAT 5298

(n,3α)

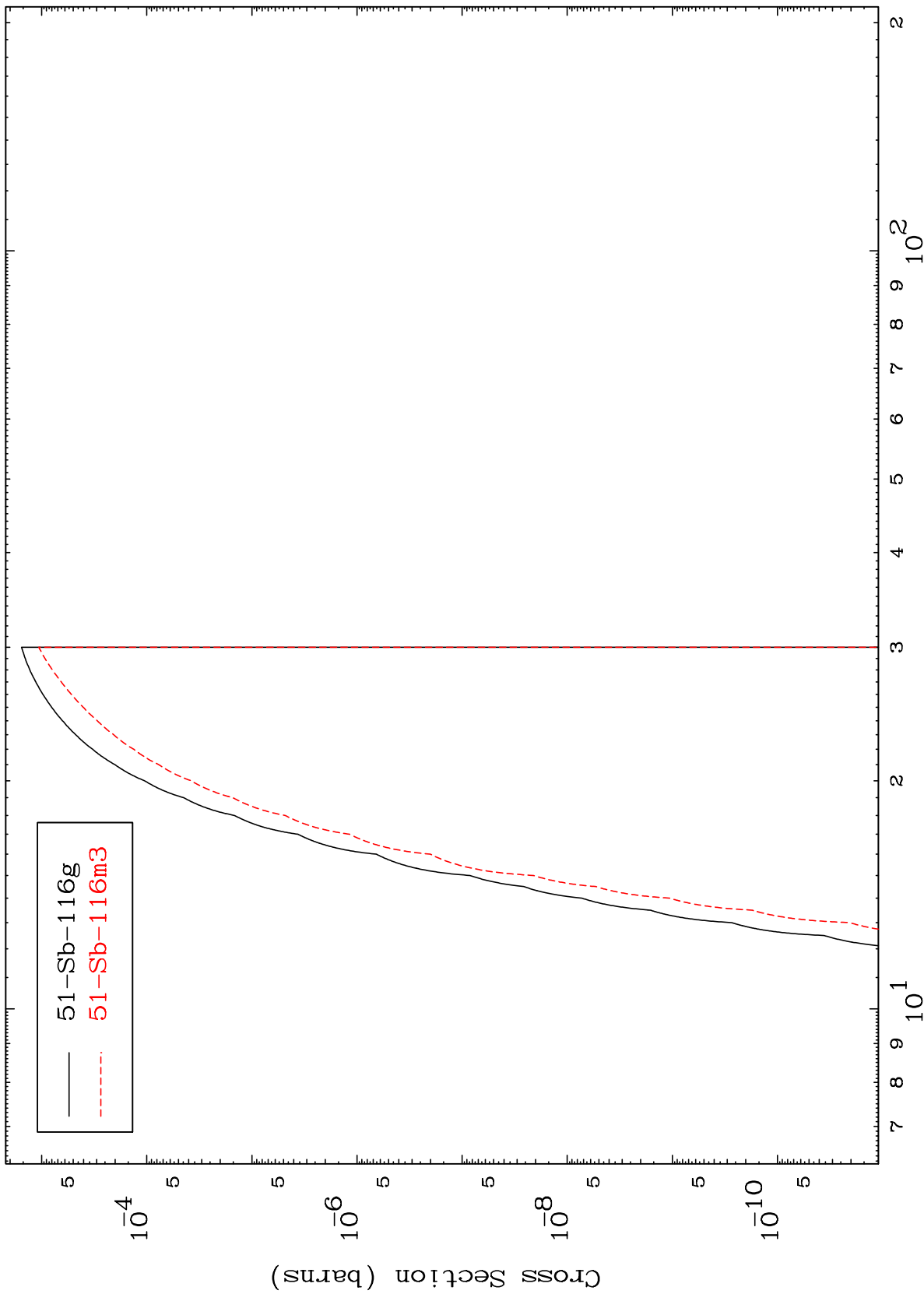
53-I -118

Radionuclide Production Cross Section



— 47-Ag-107g
- - - 47-Ag-107m1

Radionuclide Production Cross Section



51-Sb-116g
51-Sb-116m3

Radionuclide Production Cross Section

