

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

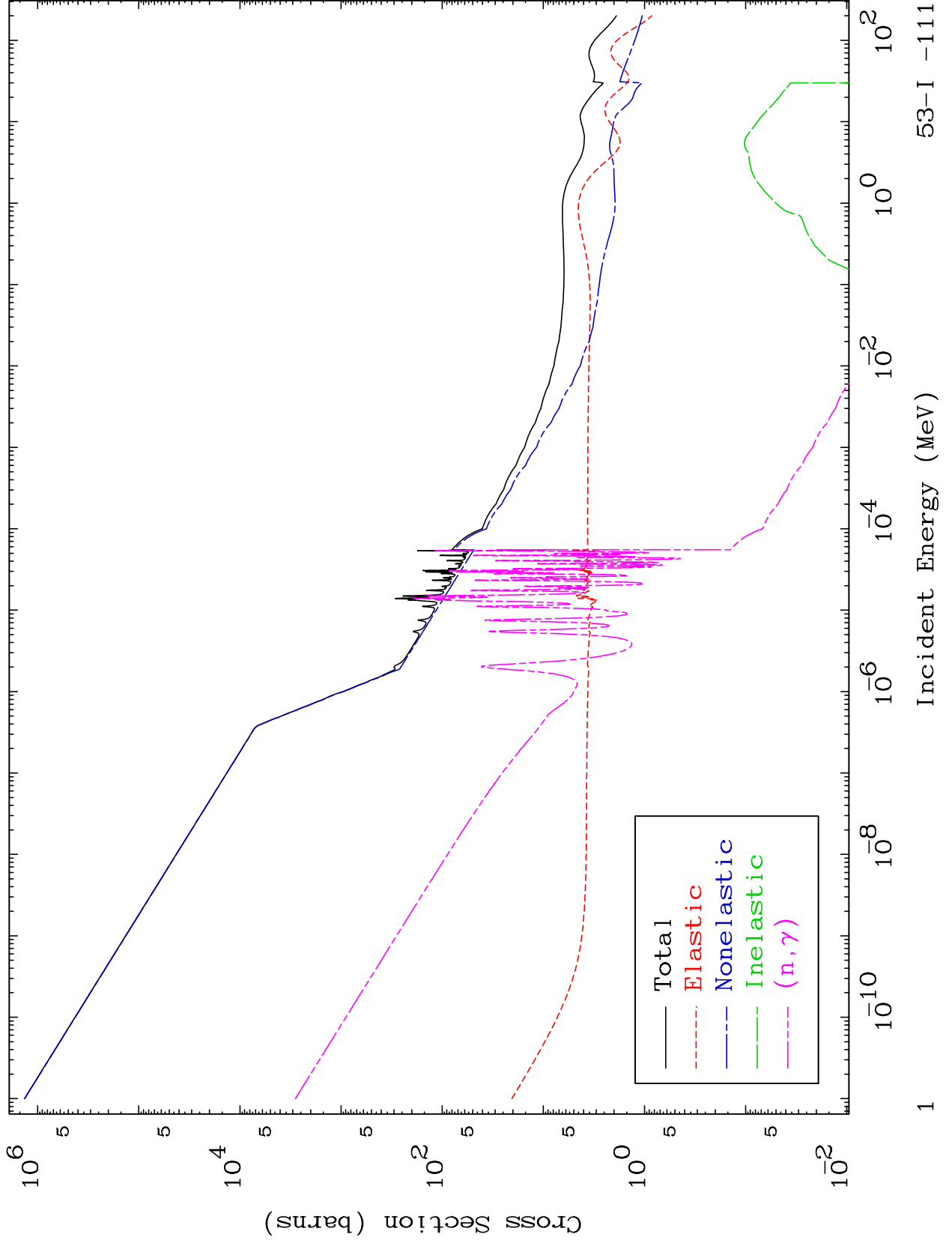
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

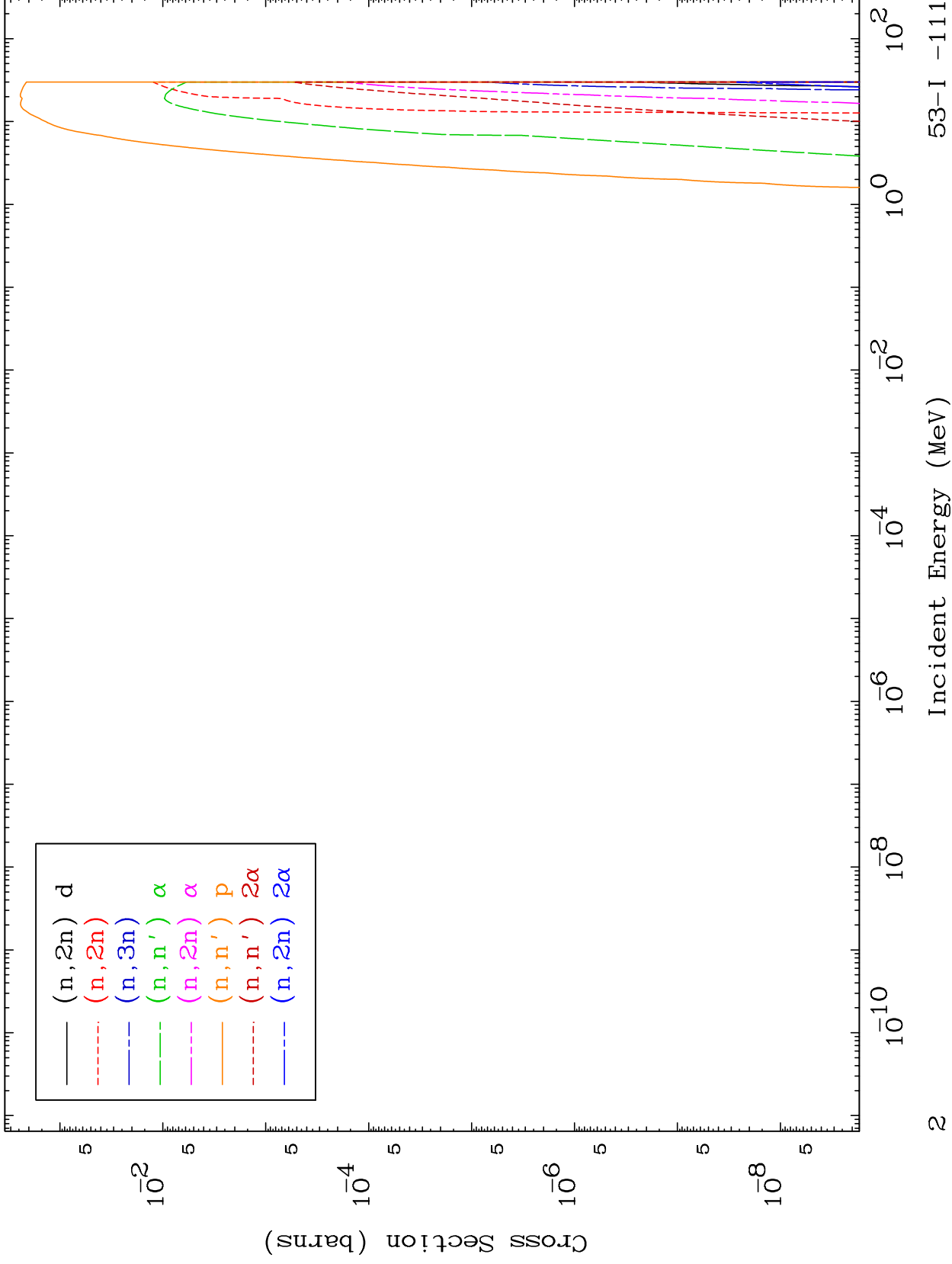
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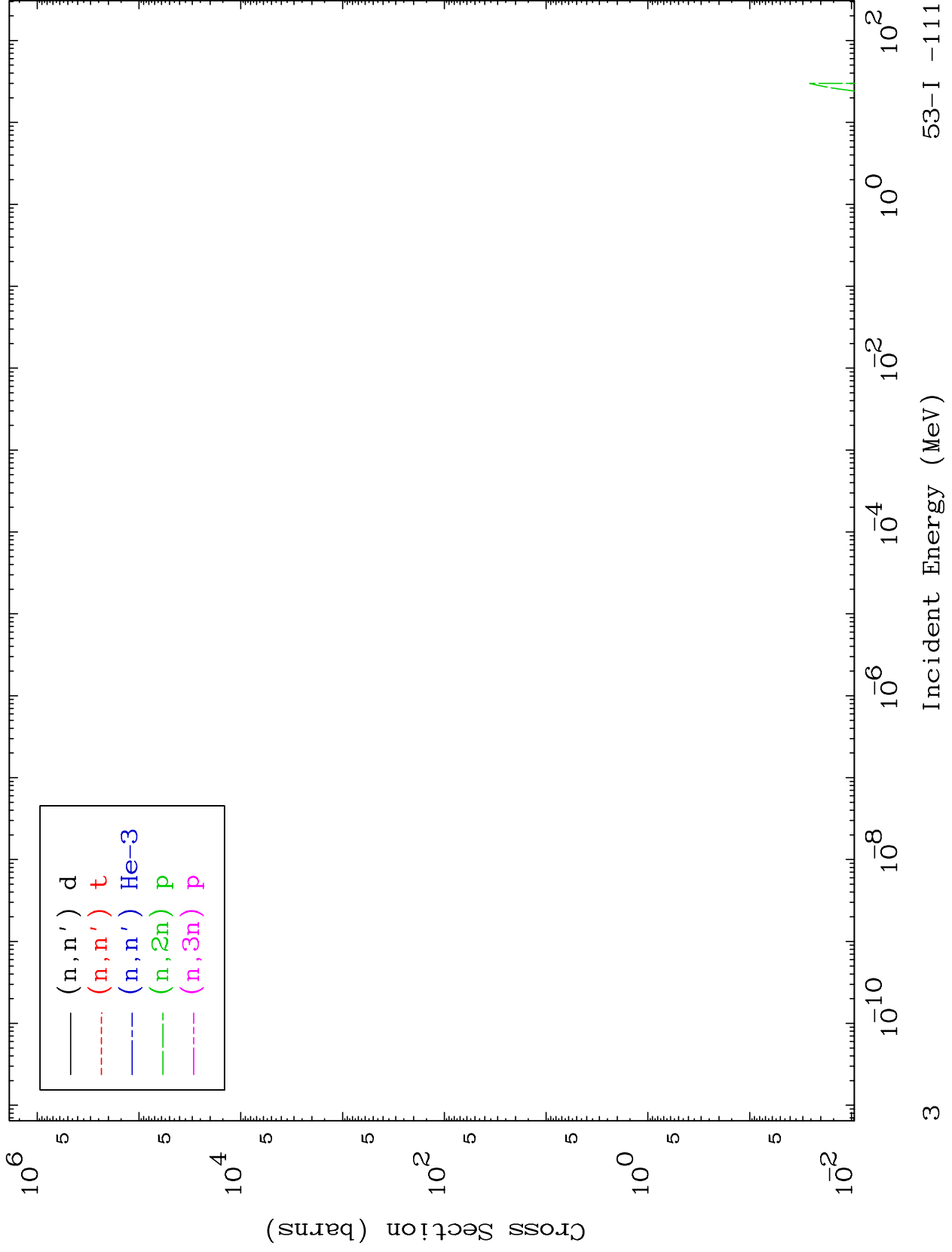


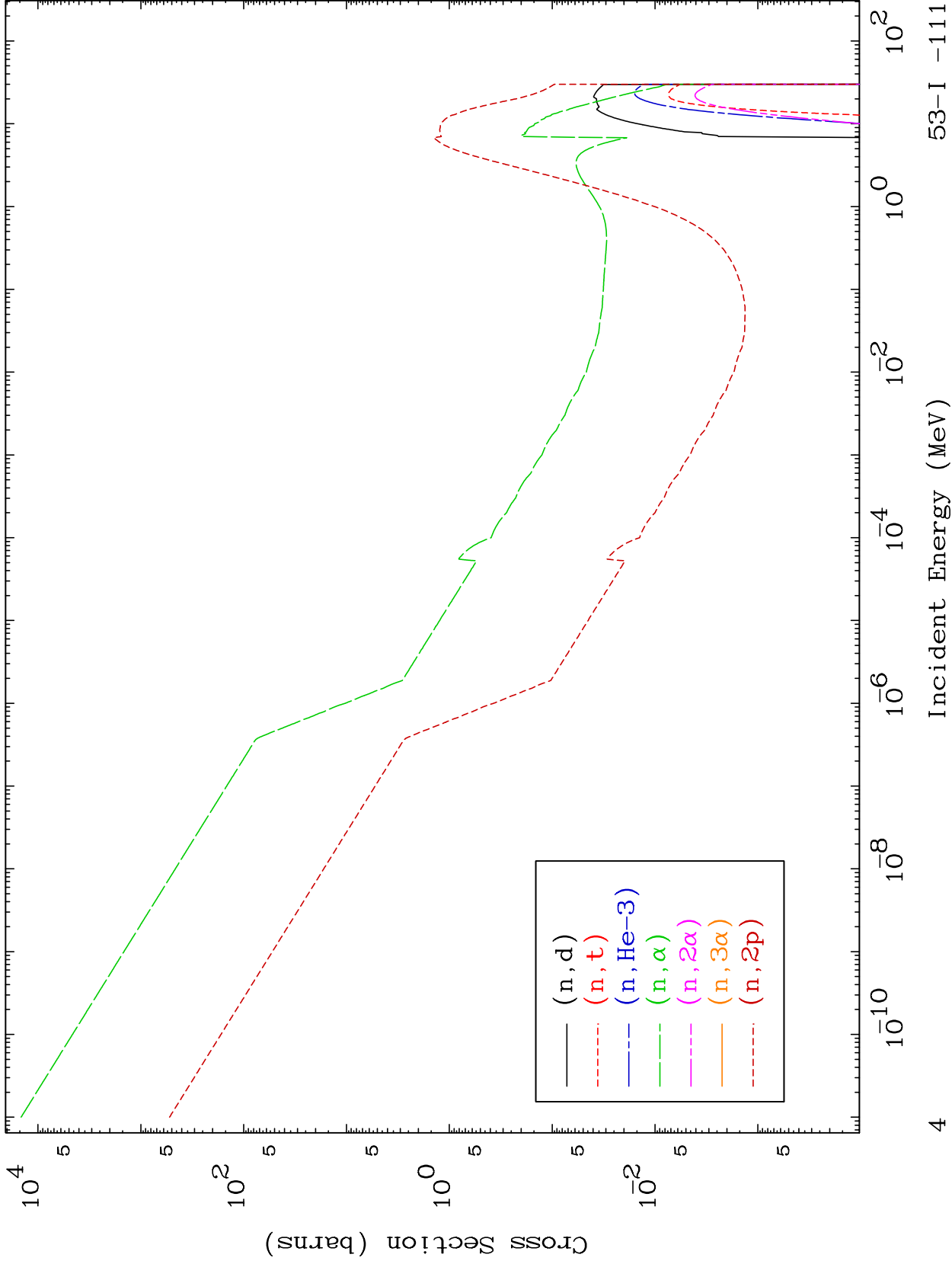
MAT 5277

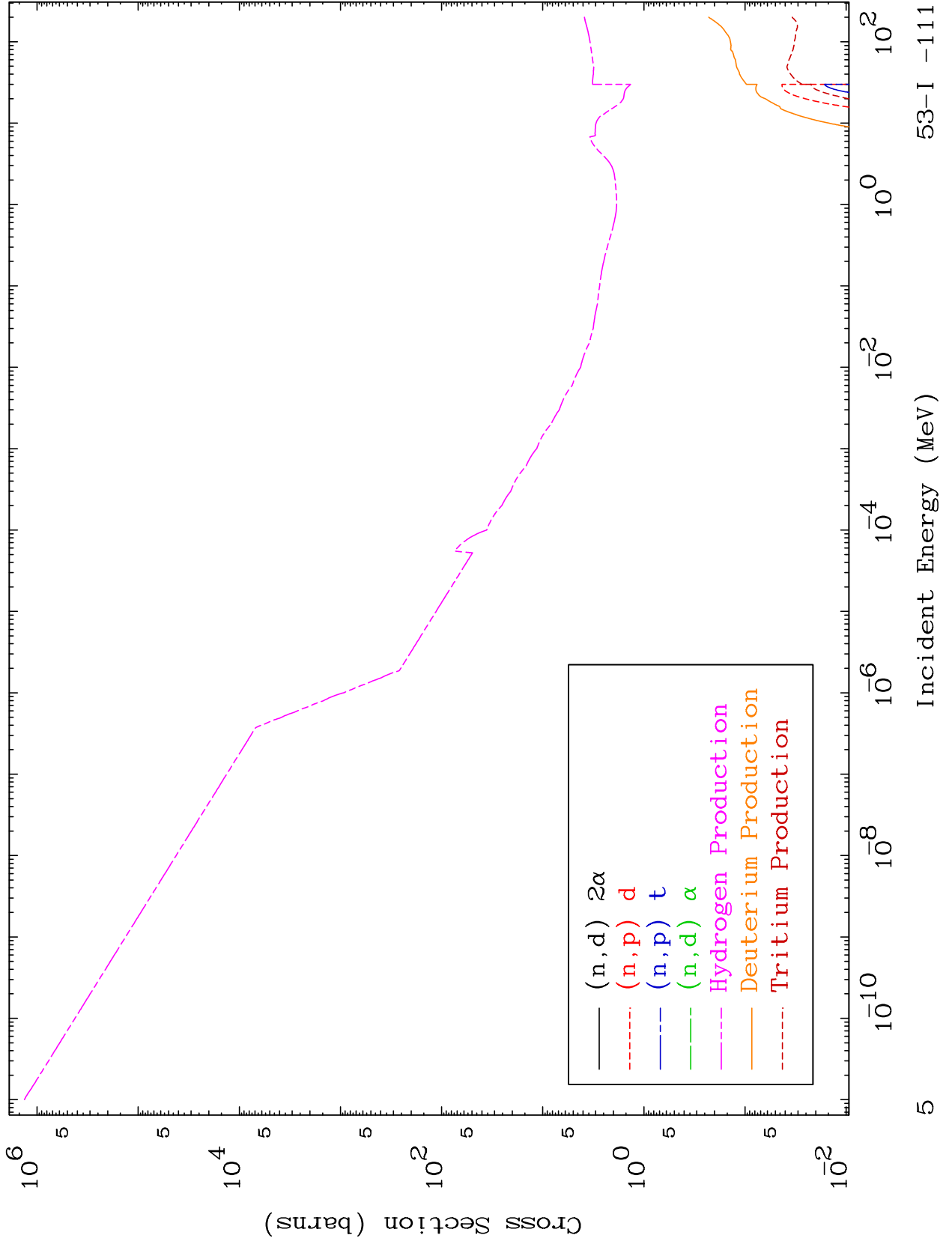
Neutron Absorption
293 Kelvin Cross Sections

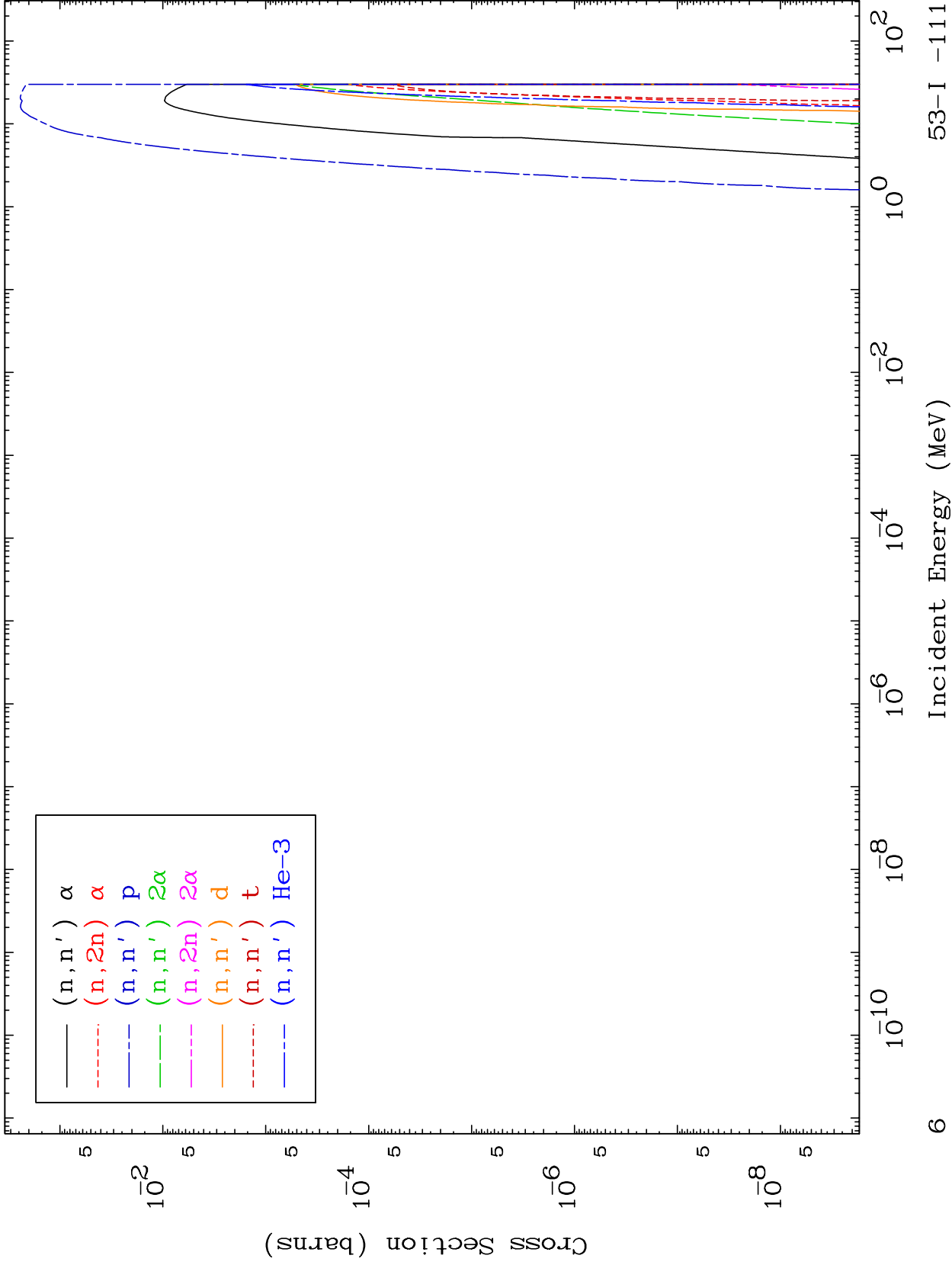
53-I -111

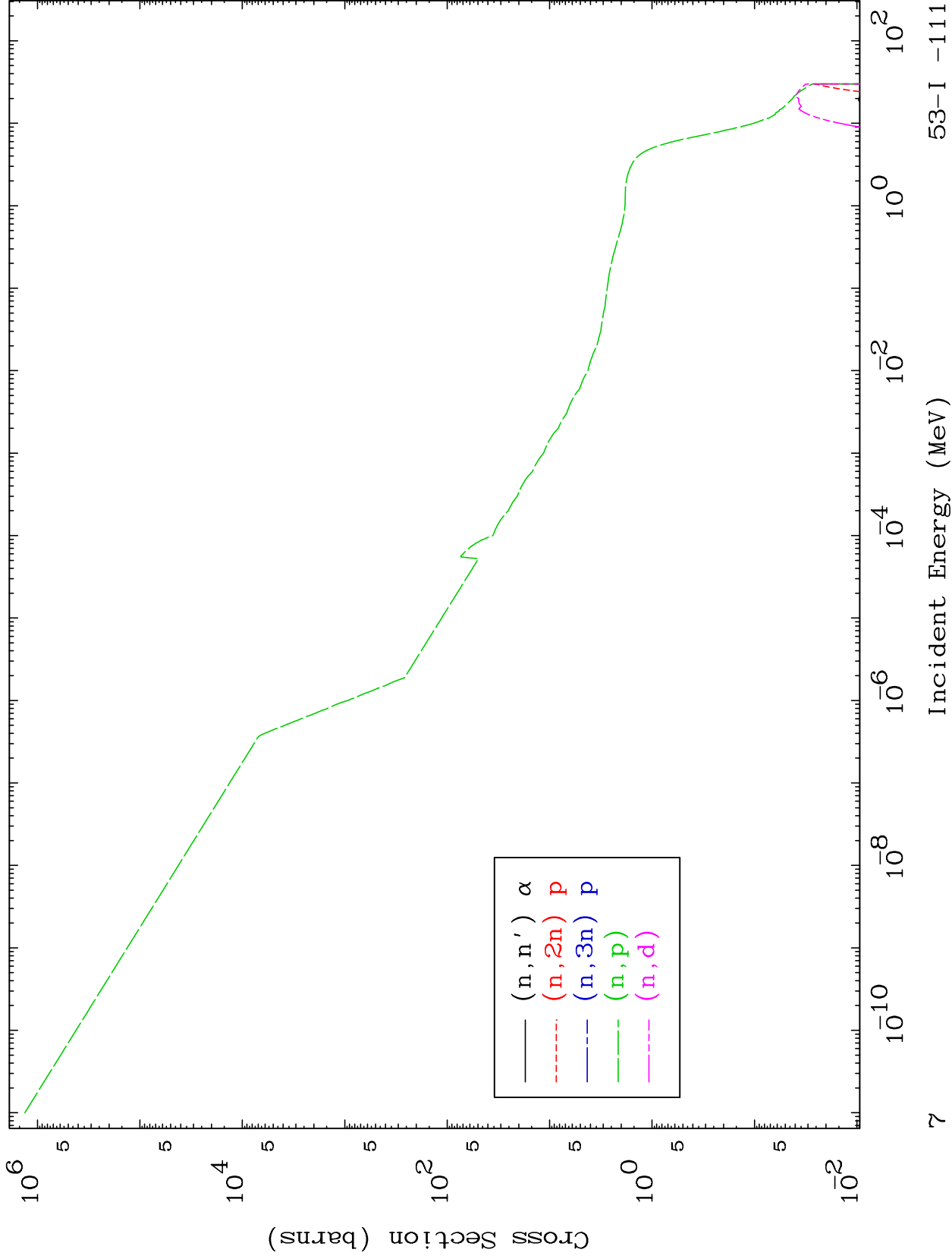


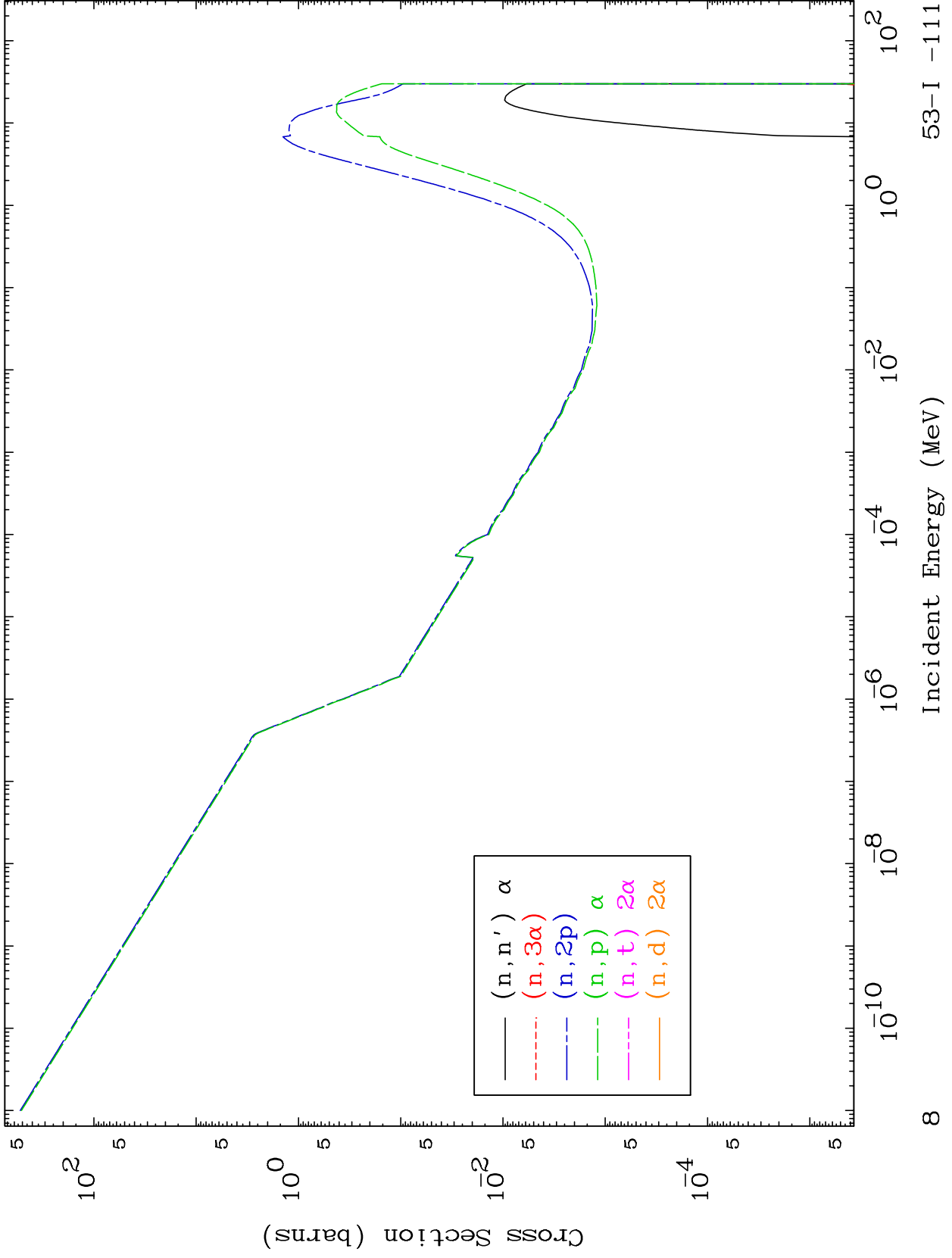


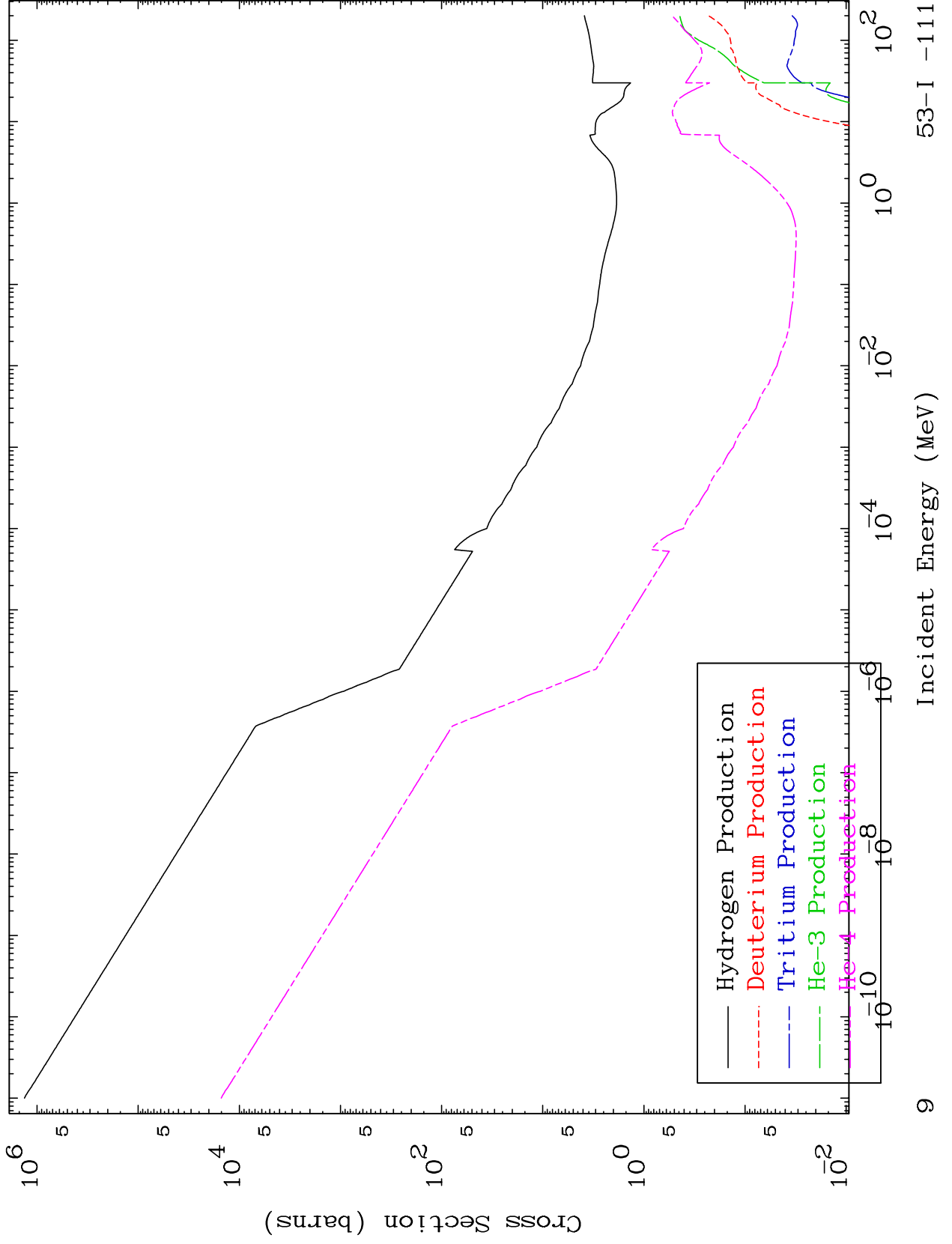


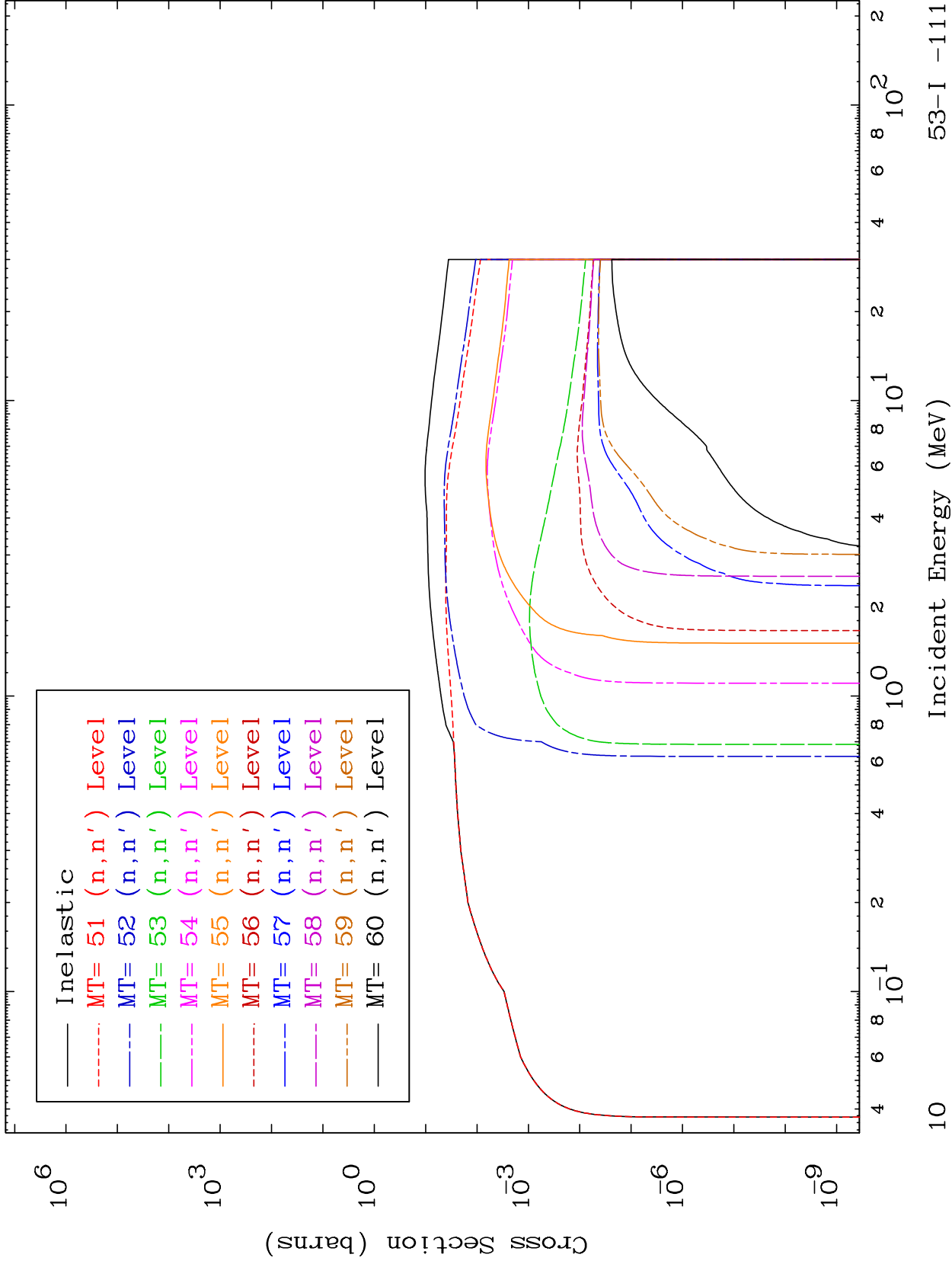


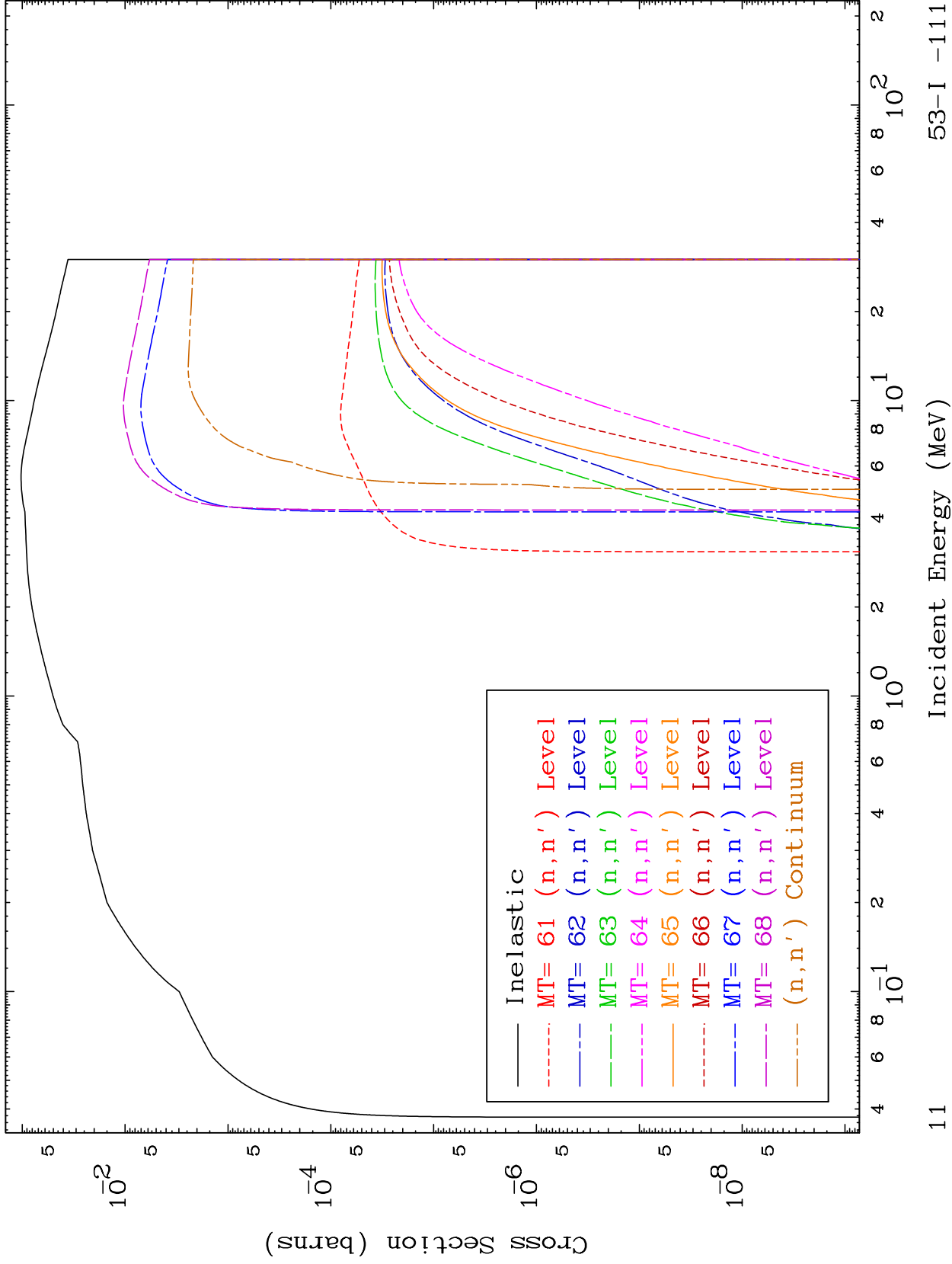








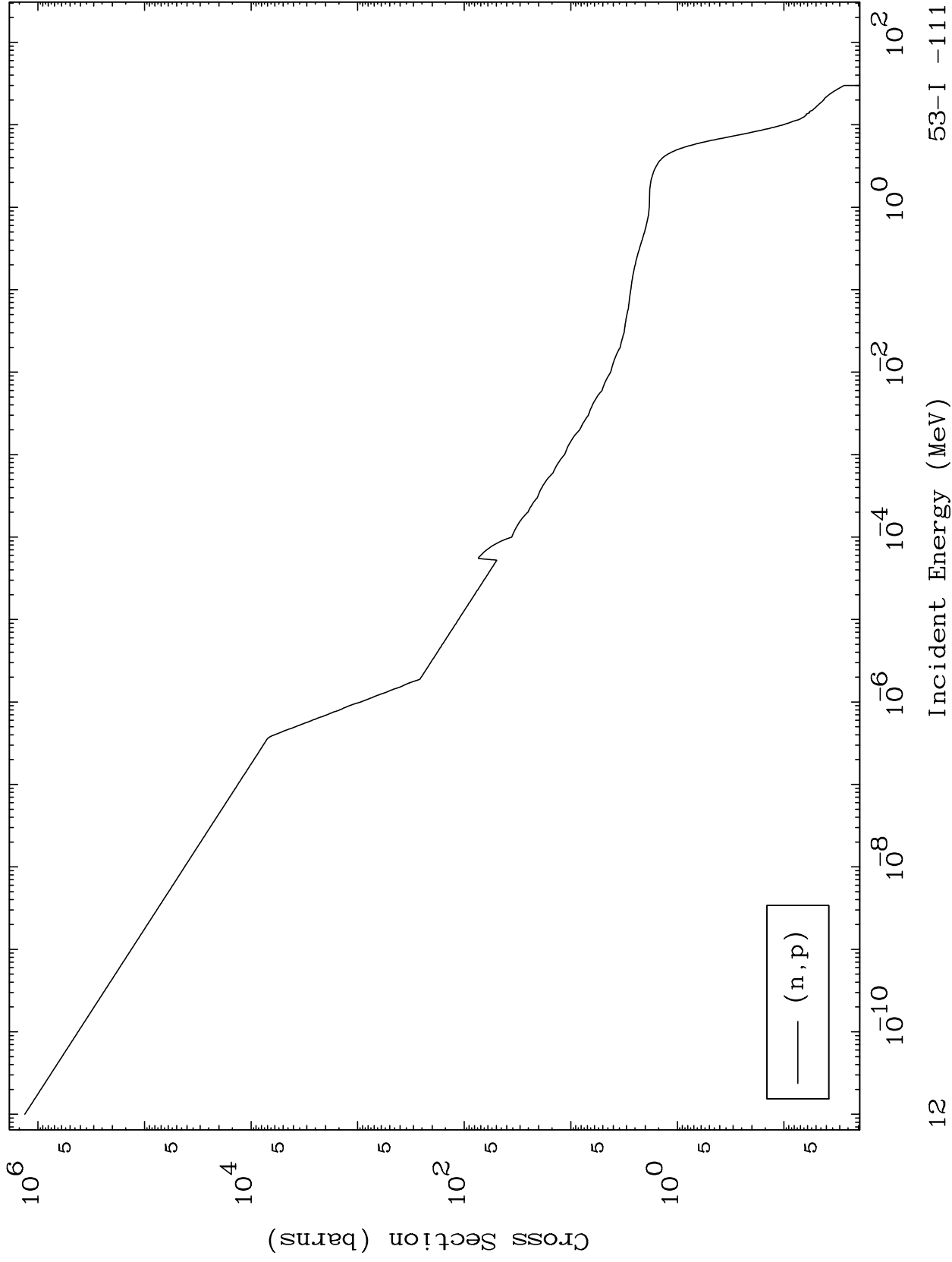




MAT 5277

(n,p) Levels
293 Kelvin Cross Sections

53-I -111



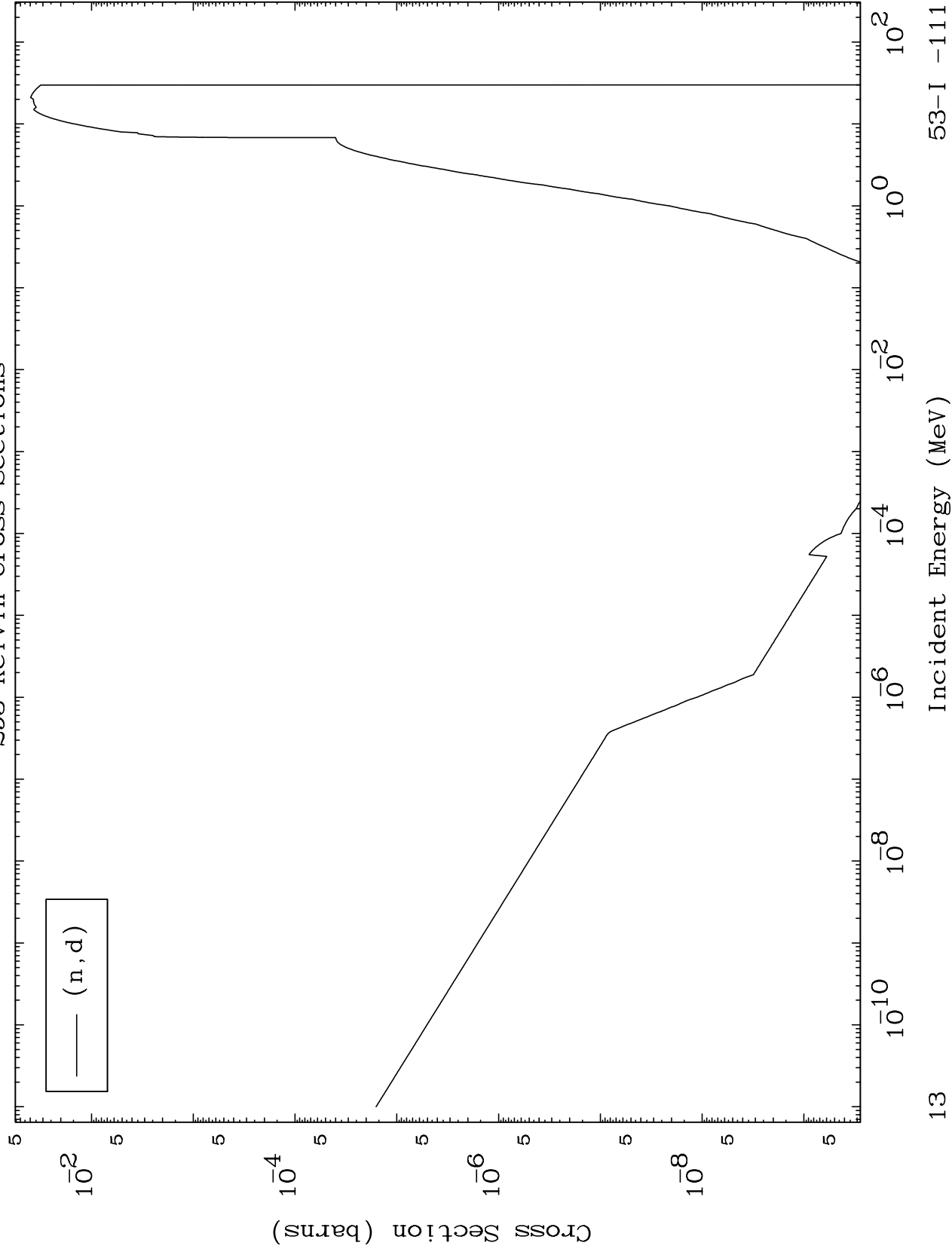
12

53-I -111

MAT 5277

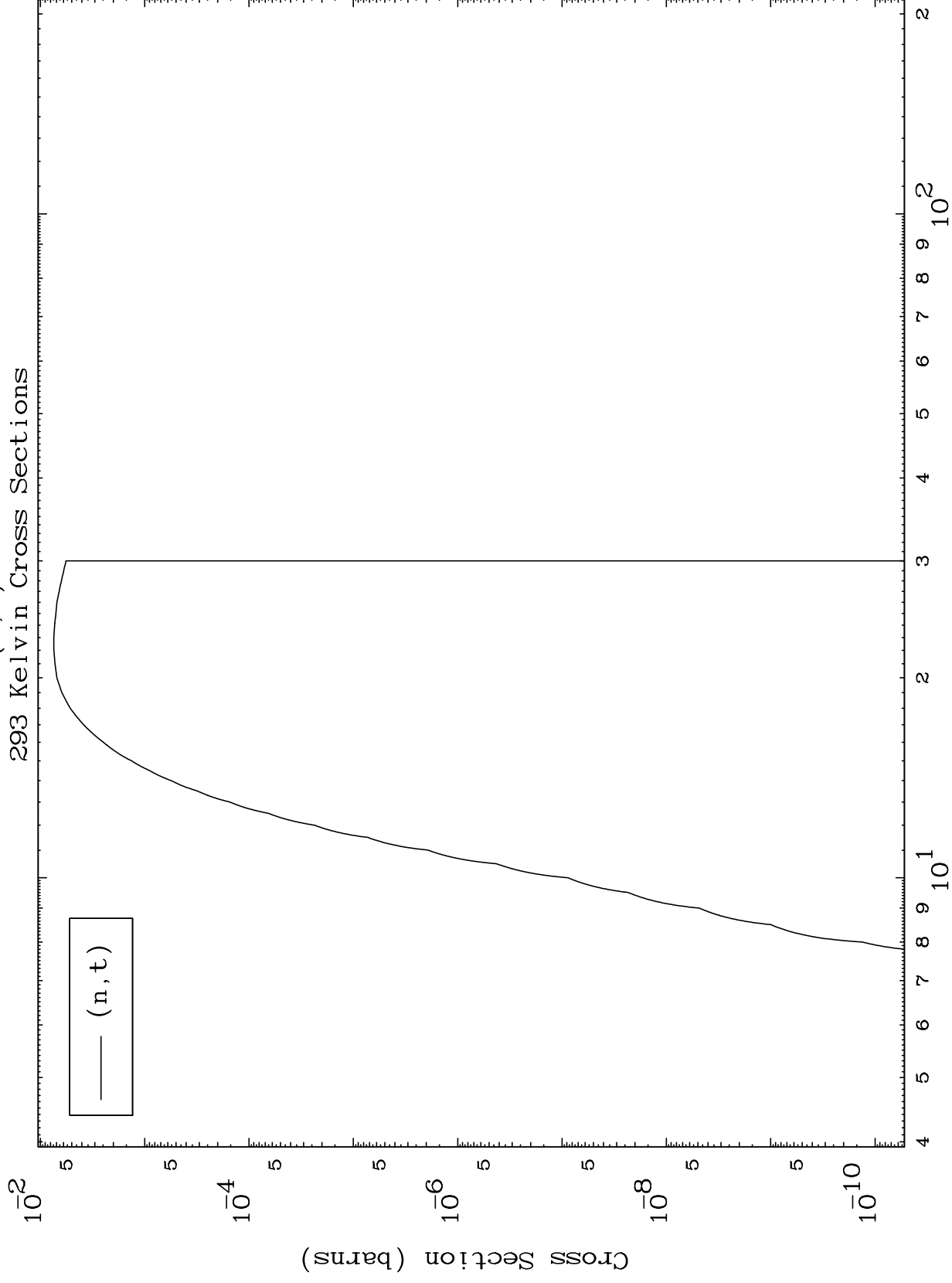
(n,d) Levels
293 Kelvin Cross Sections

53-I -111



13

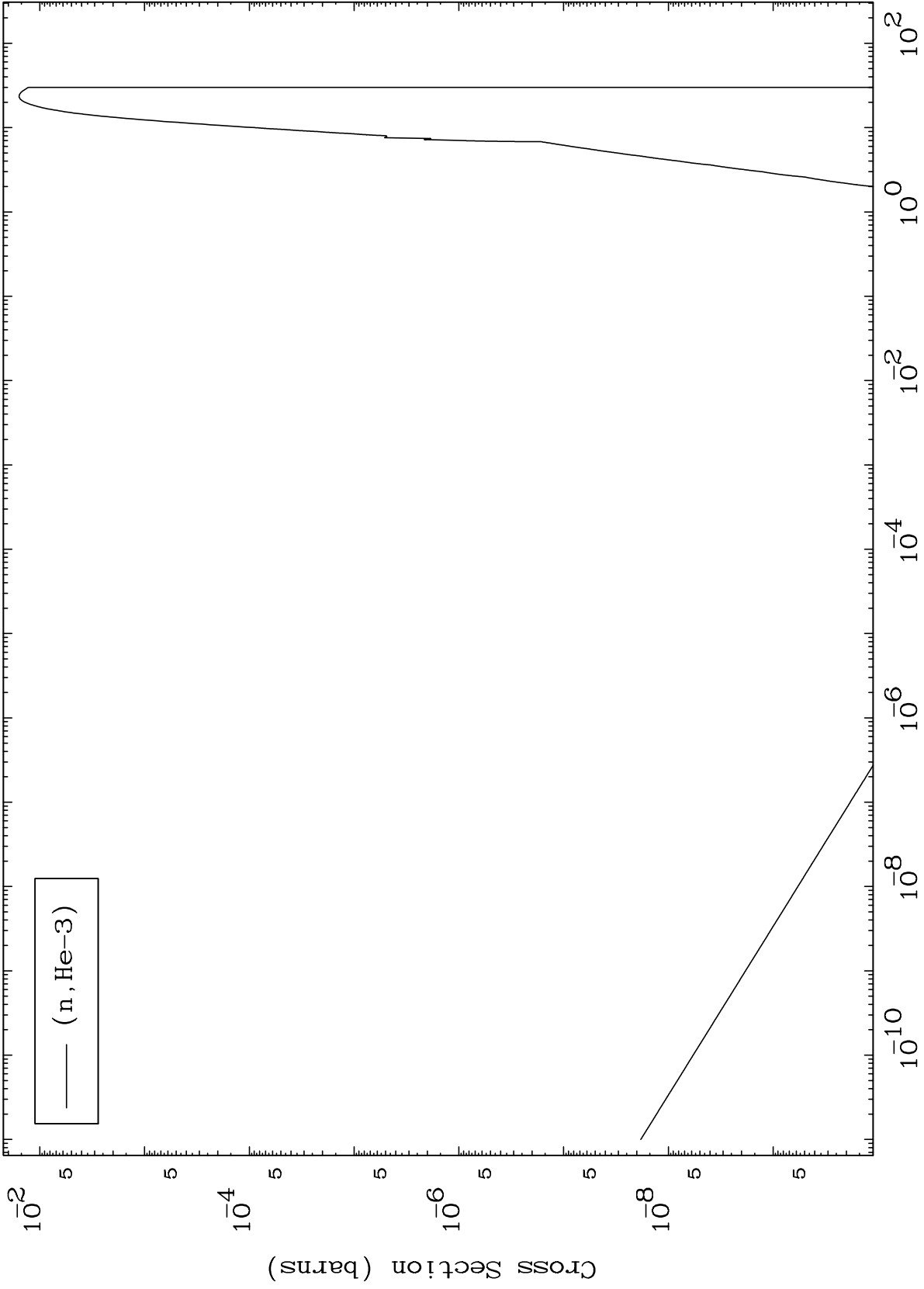
53-I -111



MAT 5277

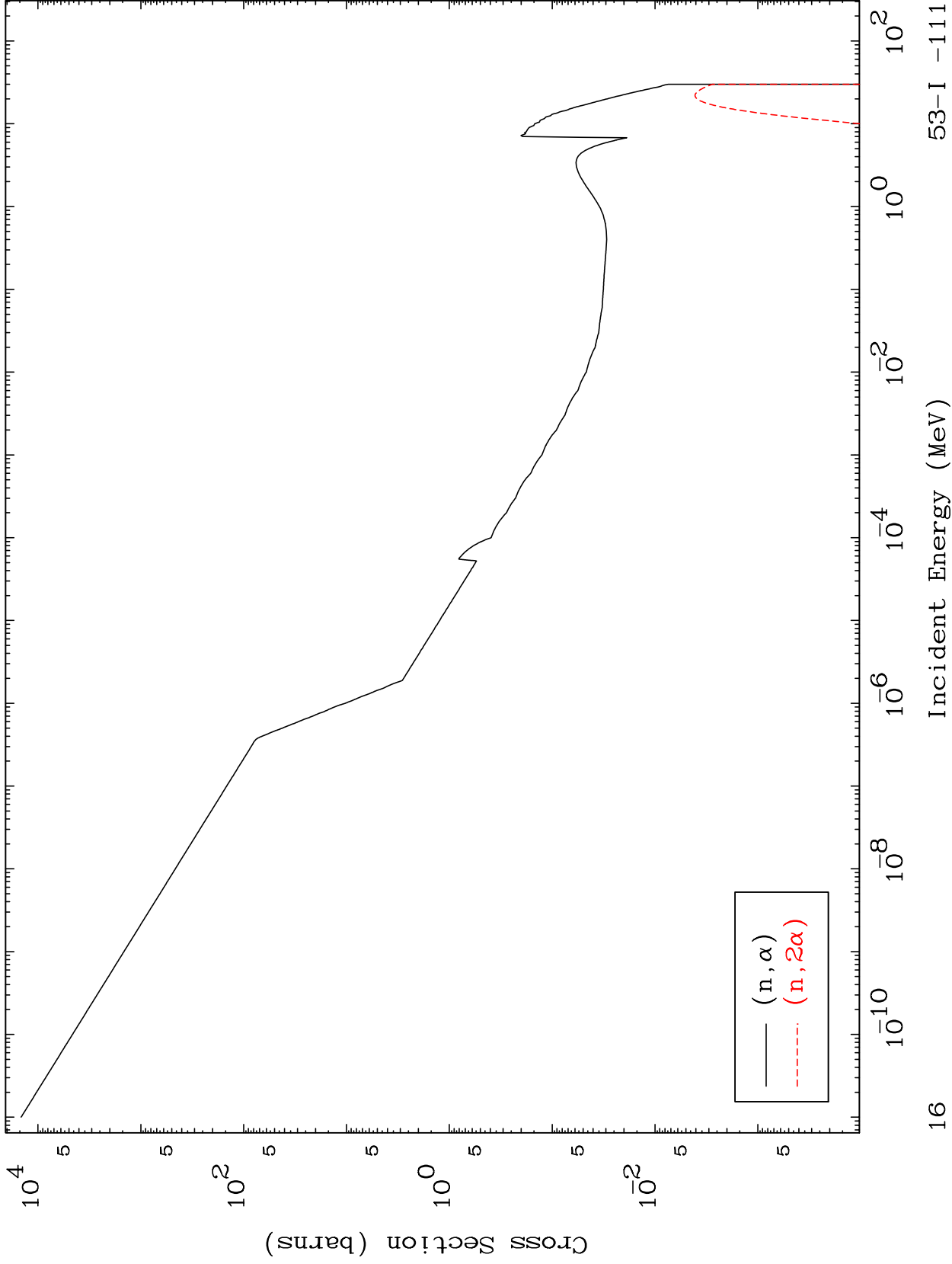
(n,He3) Levels
293 Kelvin Cross Sections

53-I -111



15

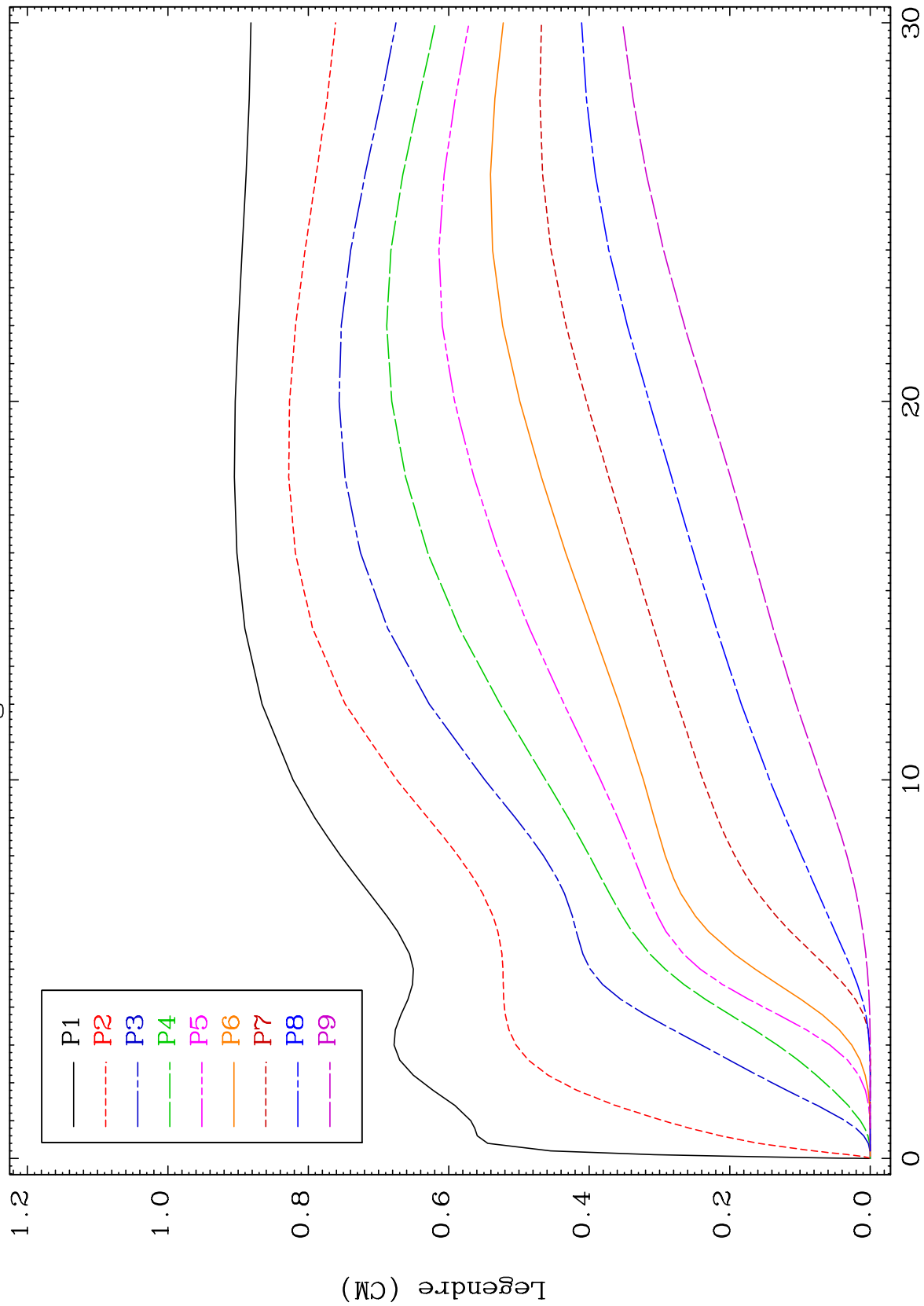
53-I -111



MAT 5277

Elastic Legendre Coefficients

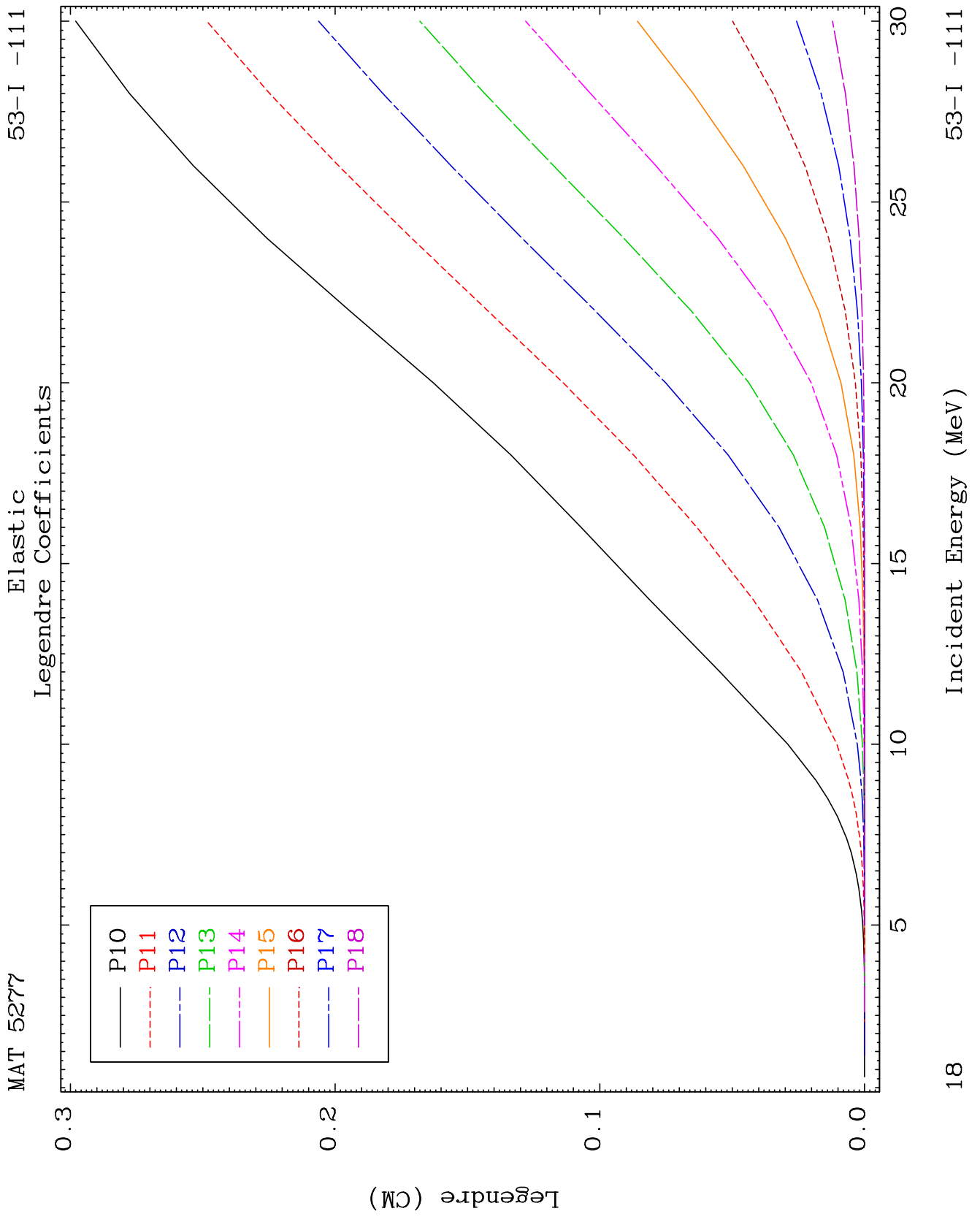
53-I -111



17

Incident Energy (MeV)

53-I -111



MAT 5277

Elastic Legendre Coefficients

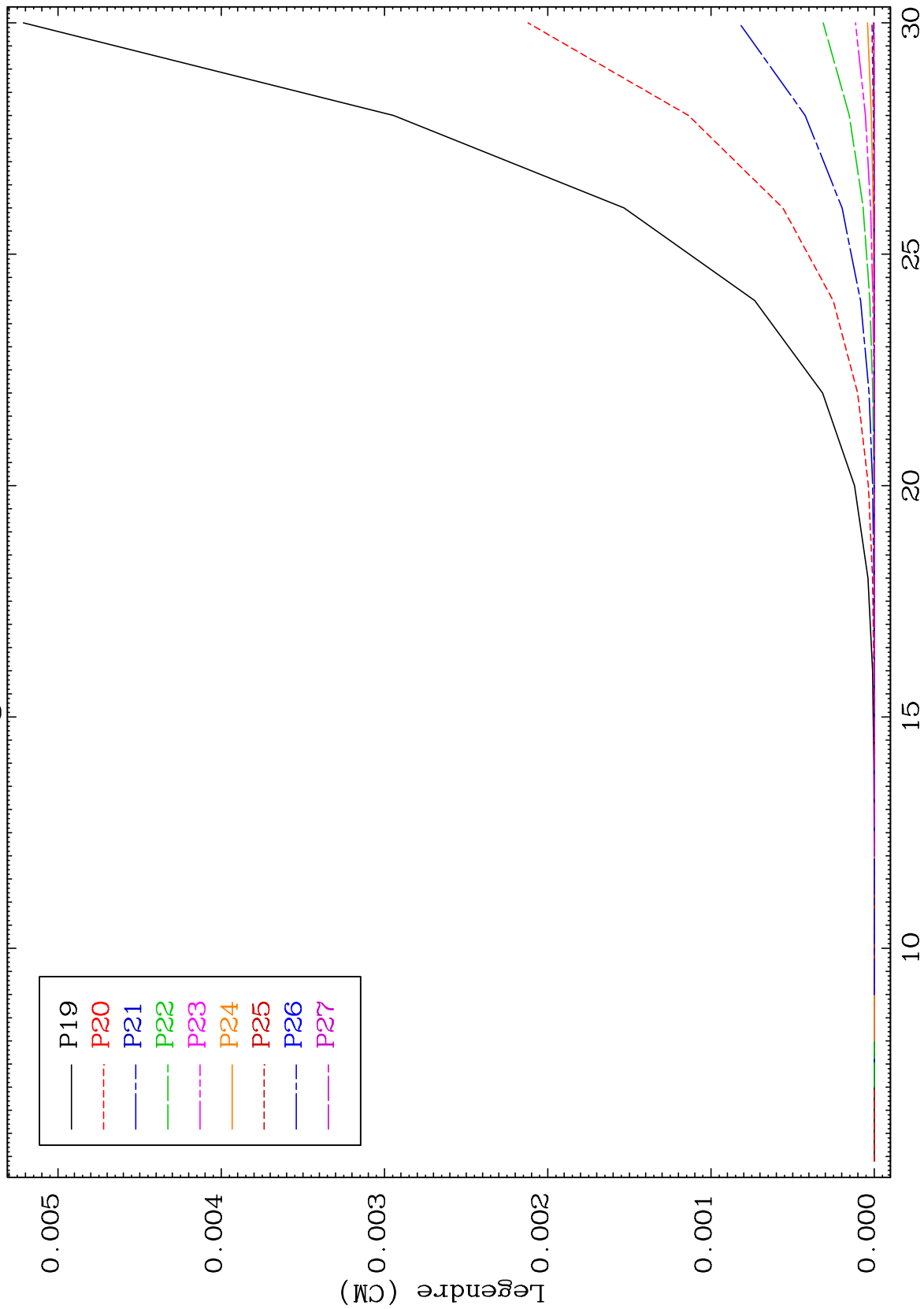
53-I -111

18

Incident Energy (MeV)

53-I -111

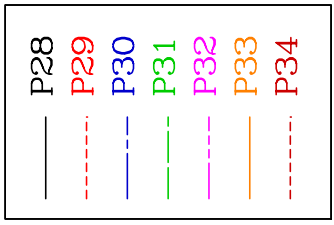
Elastic Legendre Coefficients



MAT 5277

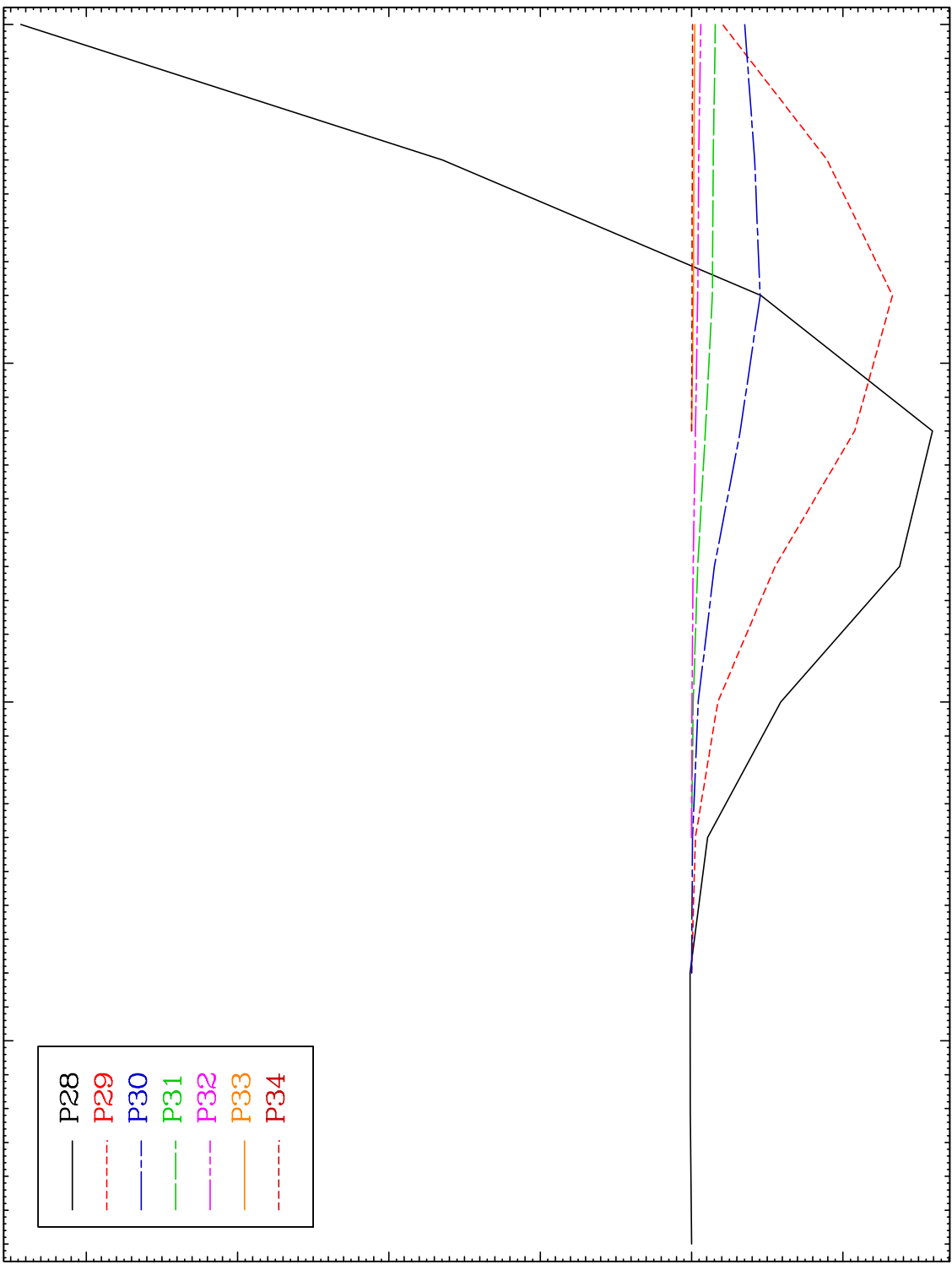
Elastic Legendre Coefficients

53-I -111



$\times 10^{-7}$

Legendre (CM)



15

20

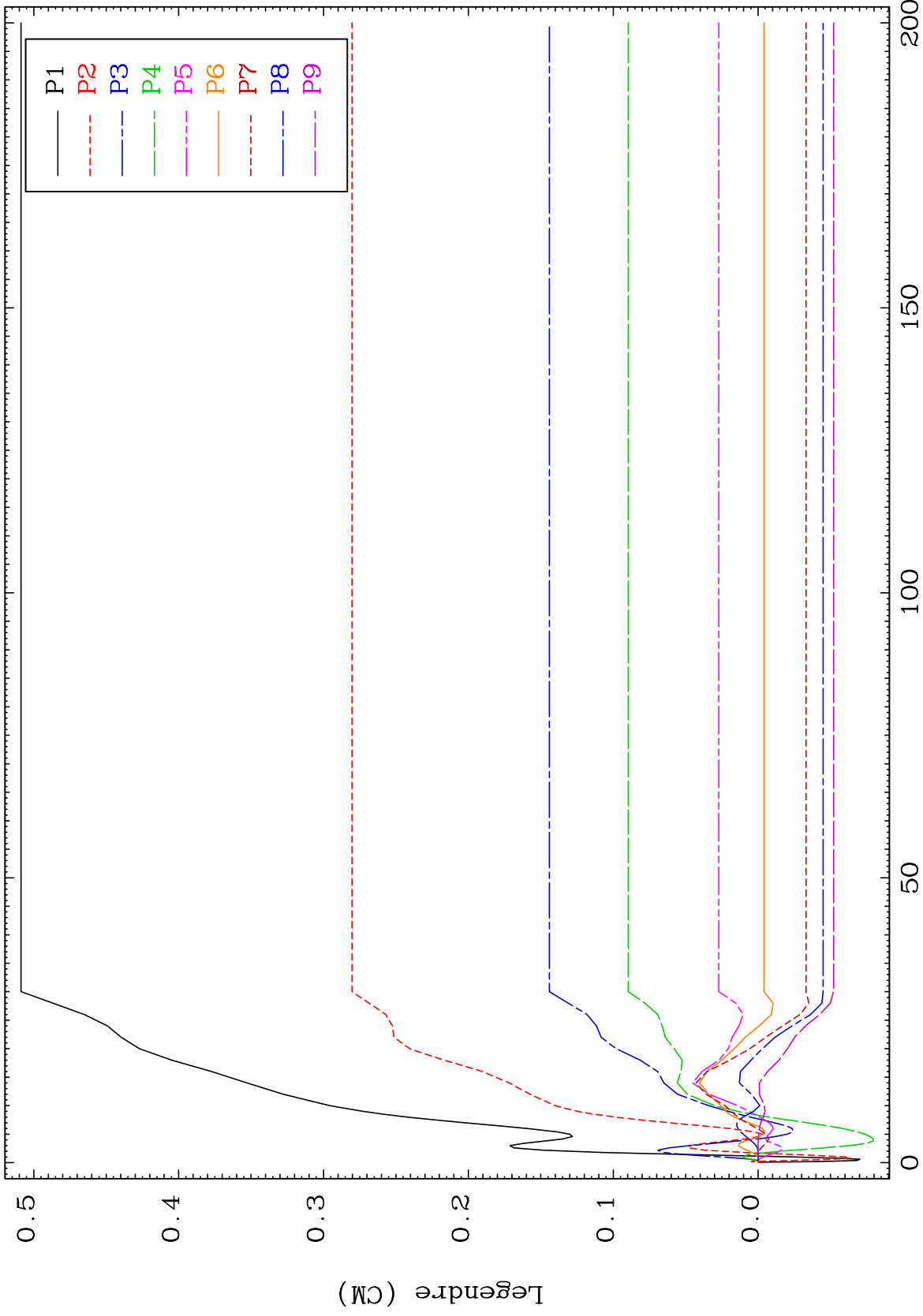
25

30

20

Incident Energy (MeV)

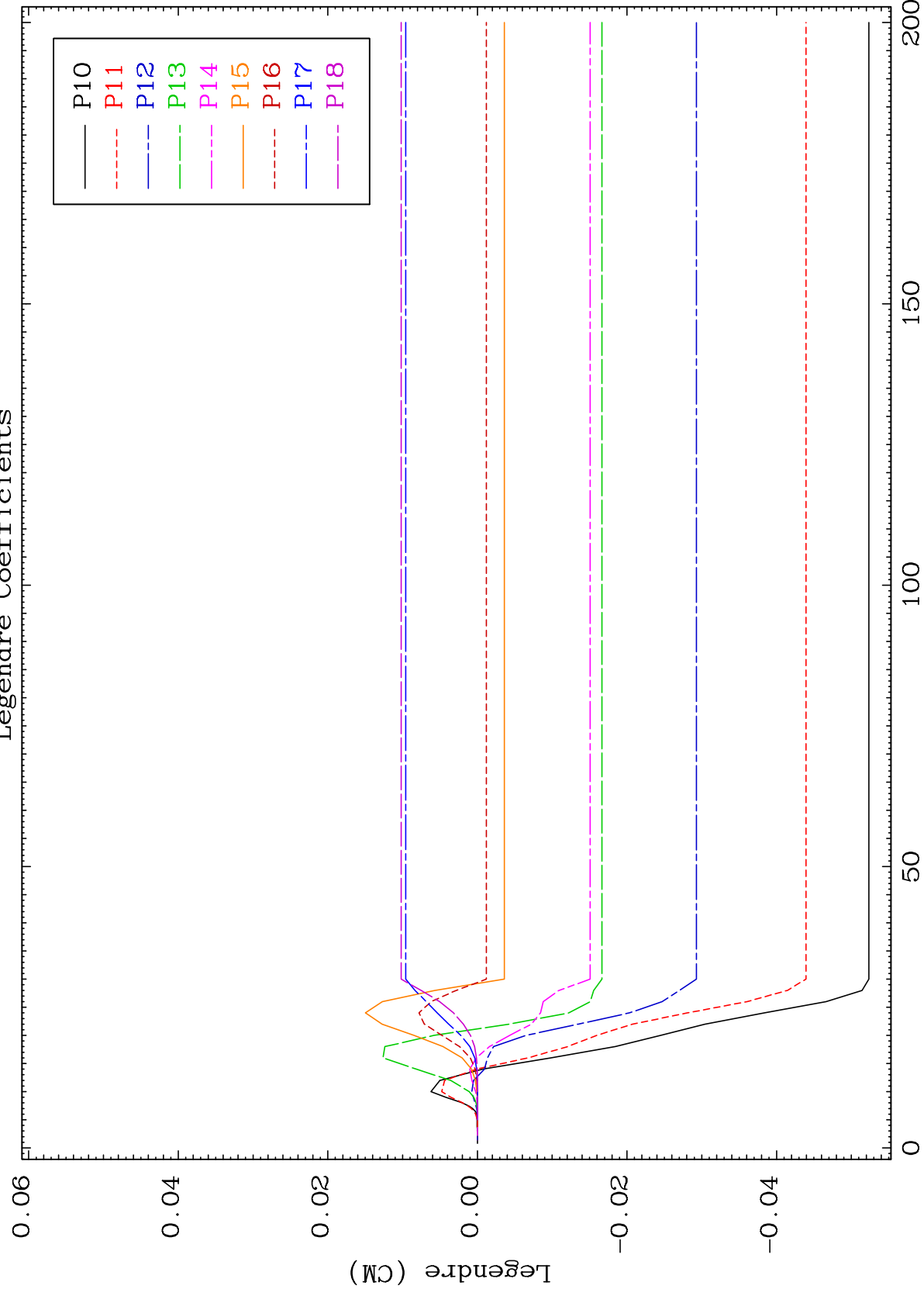
53-I -111



MAT 5277

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

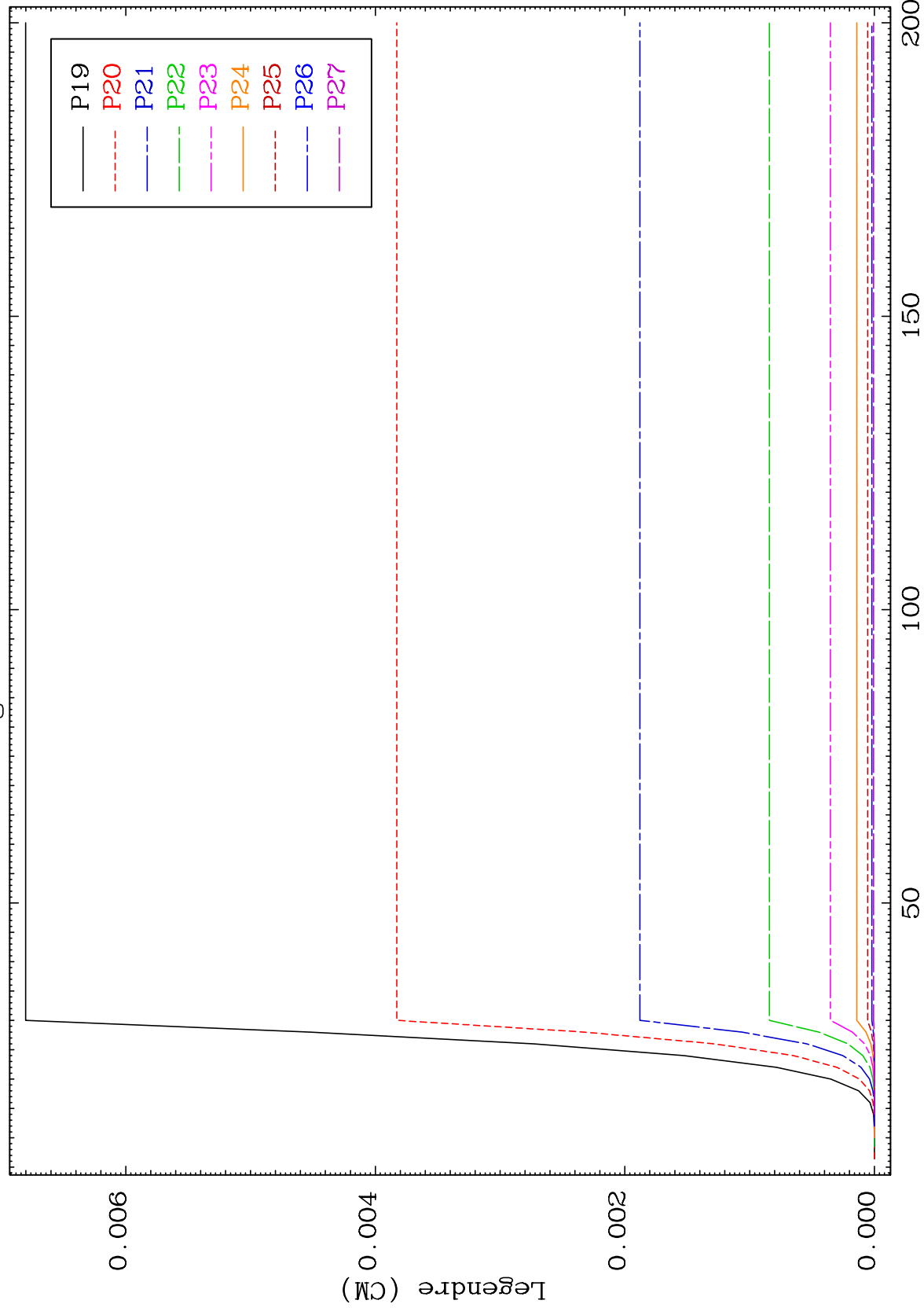
53-I -111



22

Incident Energy (MeV)

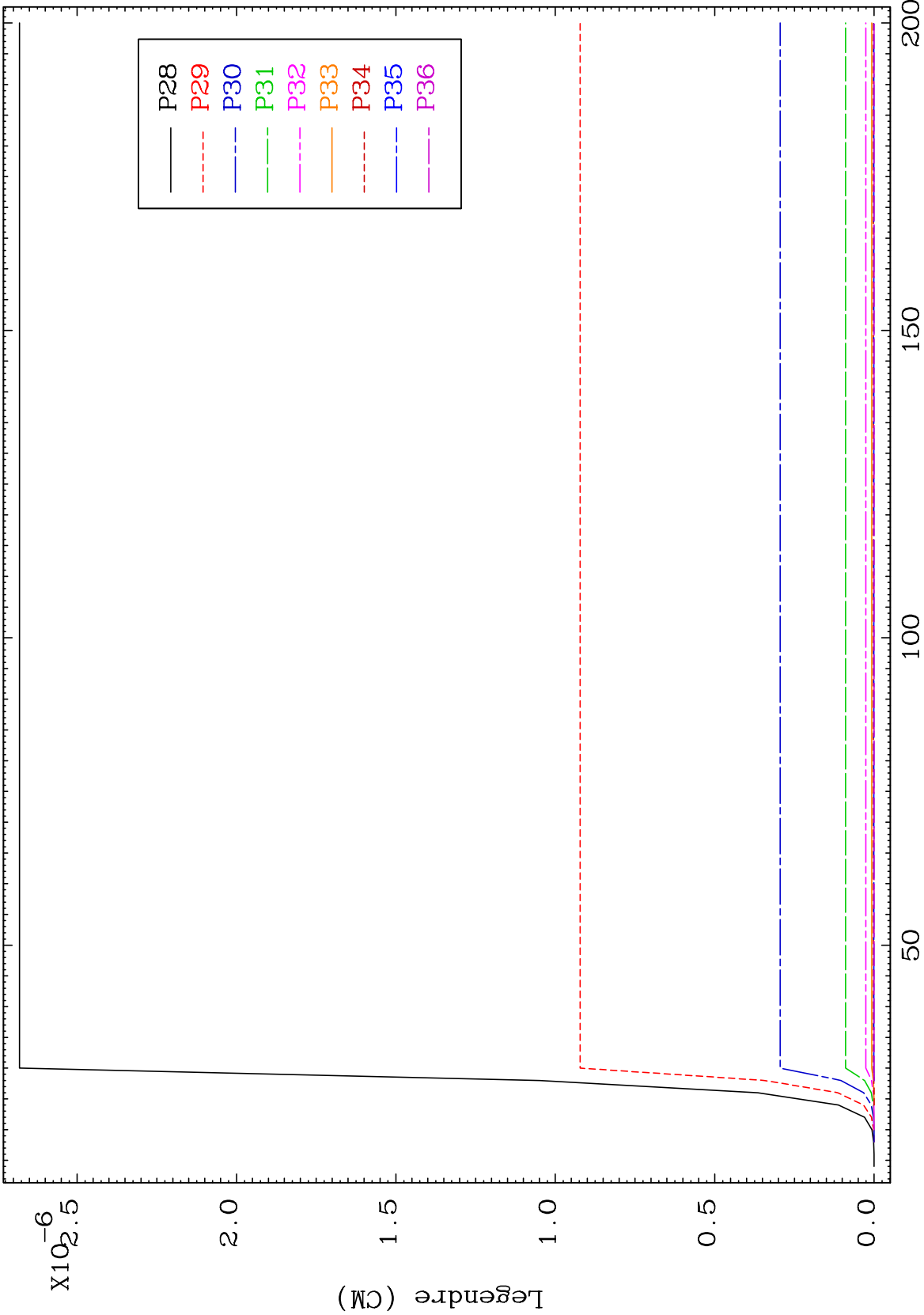
53-I -111



MAT 5277

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

53-I -111



24

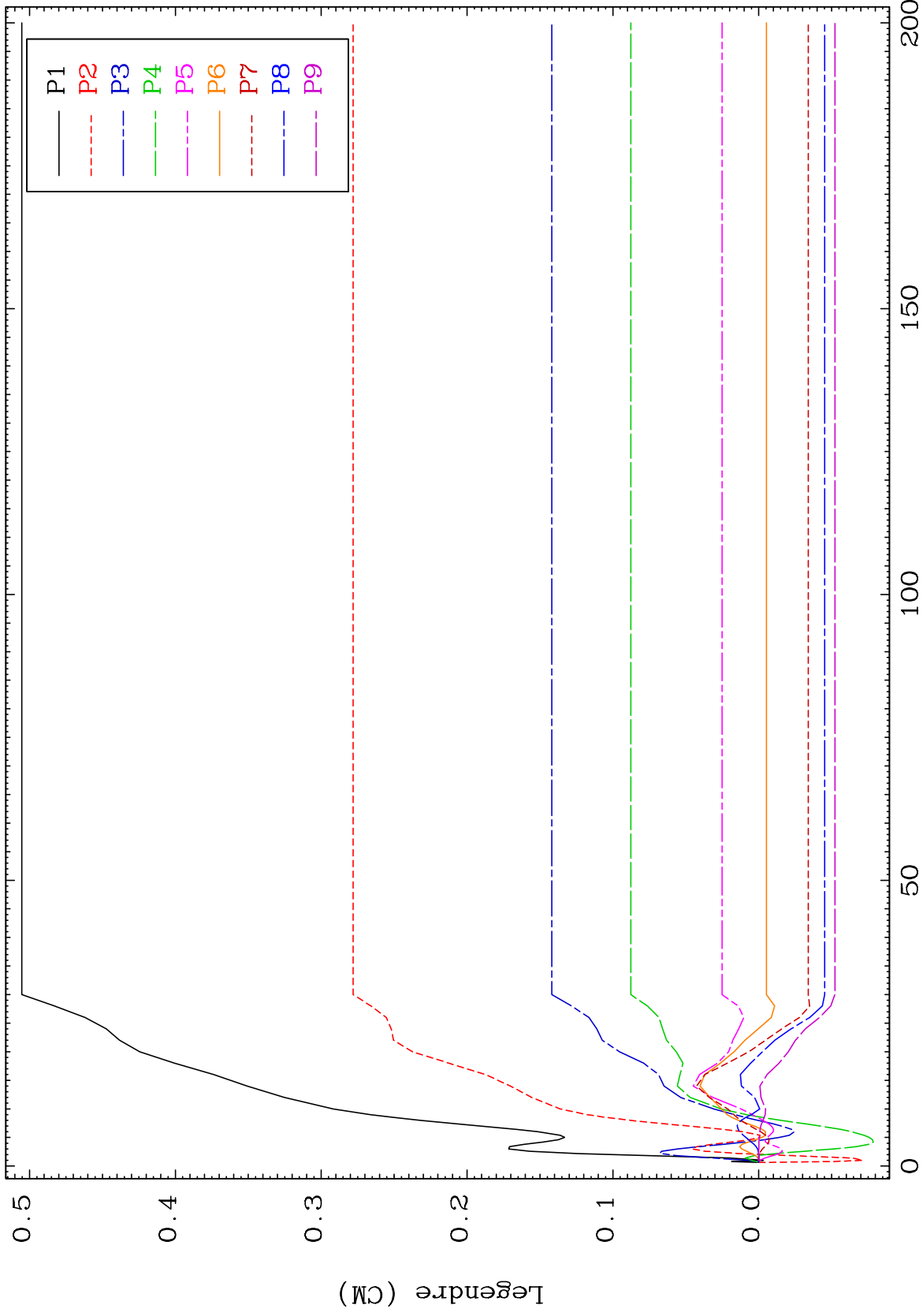
Incident Energy (MeV)

53-I -111

MAT 5277

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

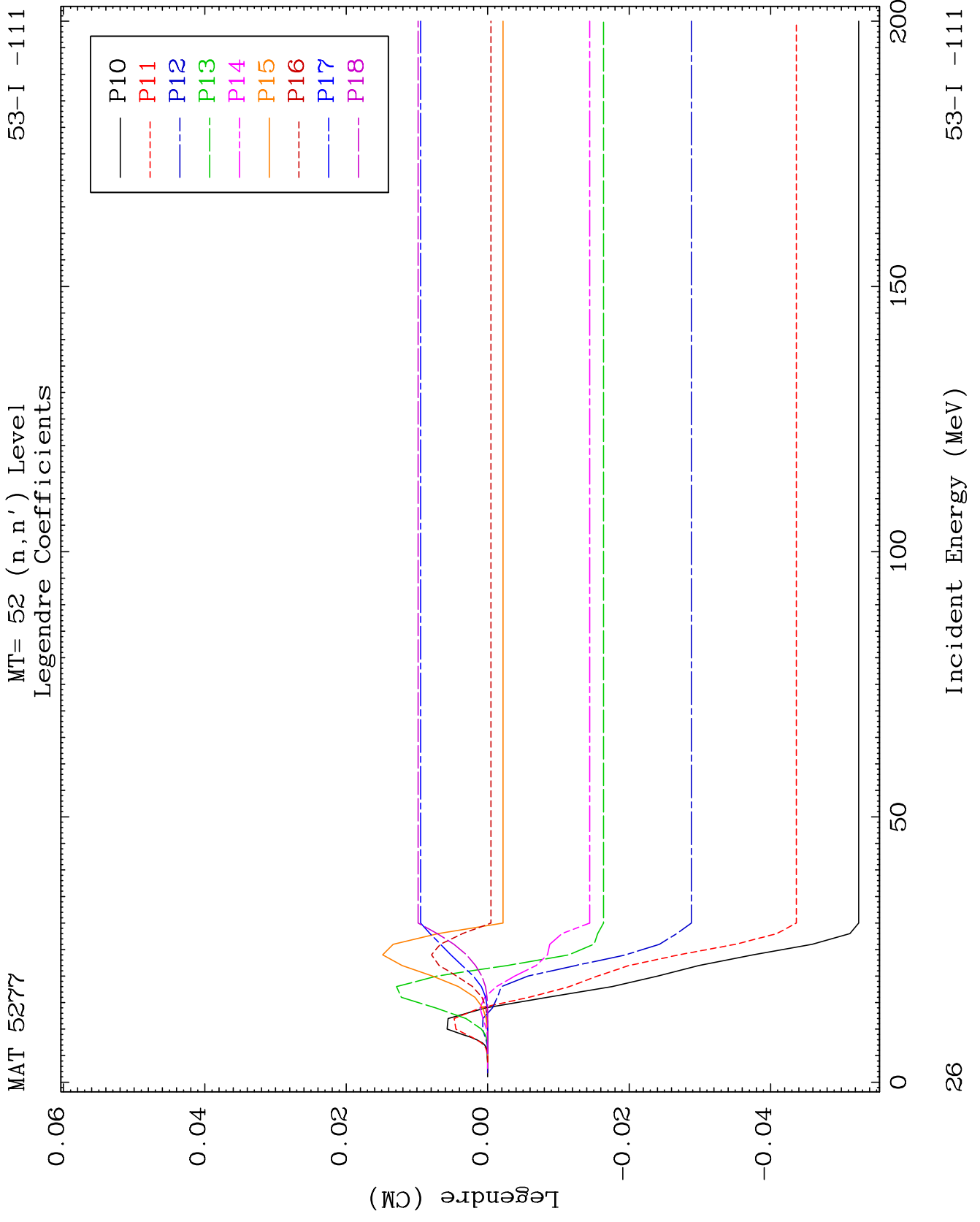
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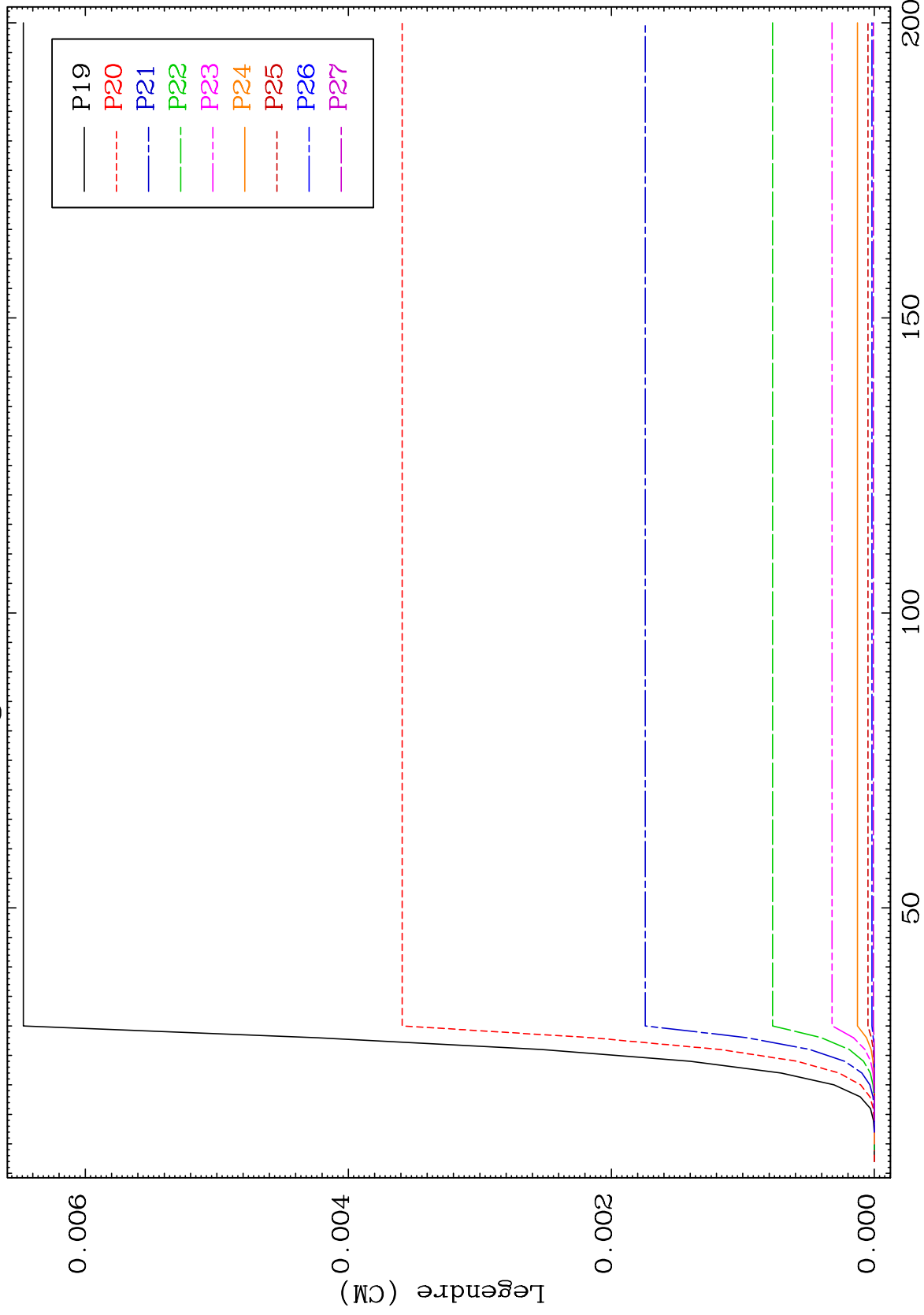


53-I -111

Incident Energy (MeV)

25

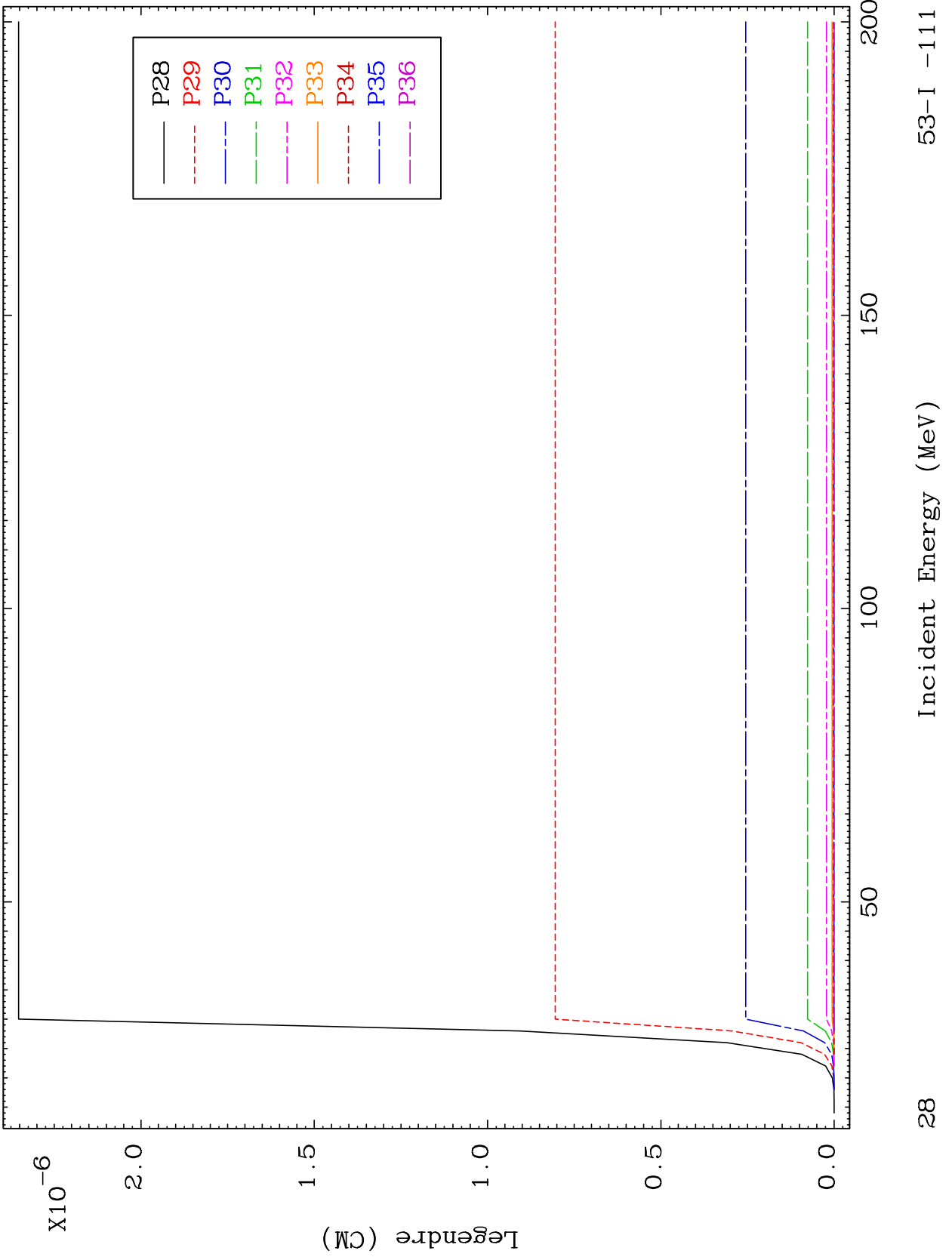




MAT 5277

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

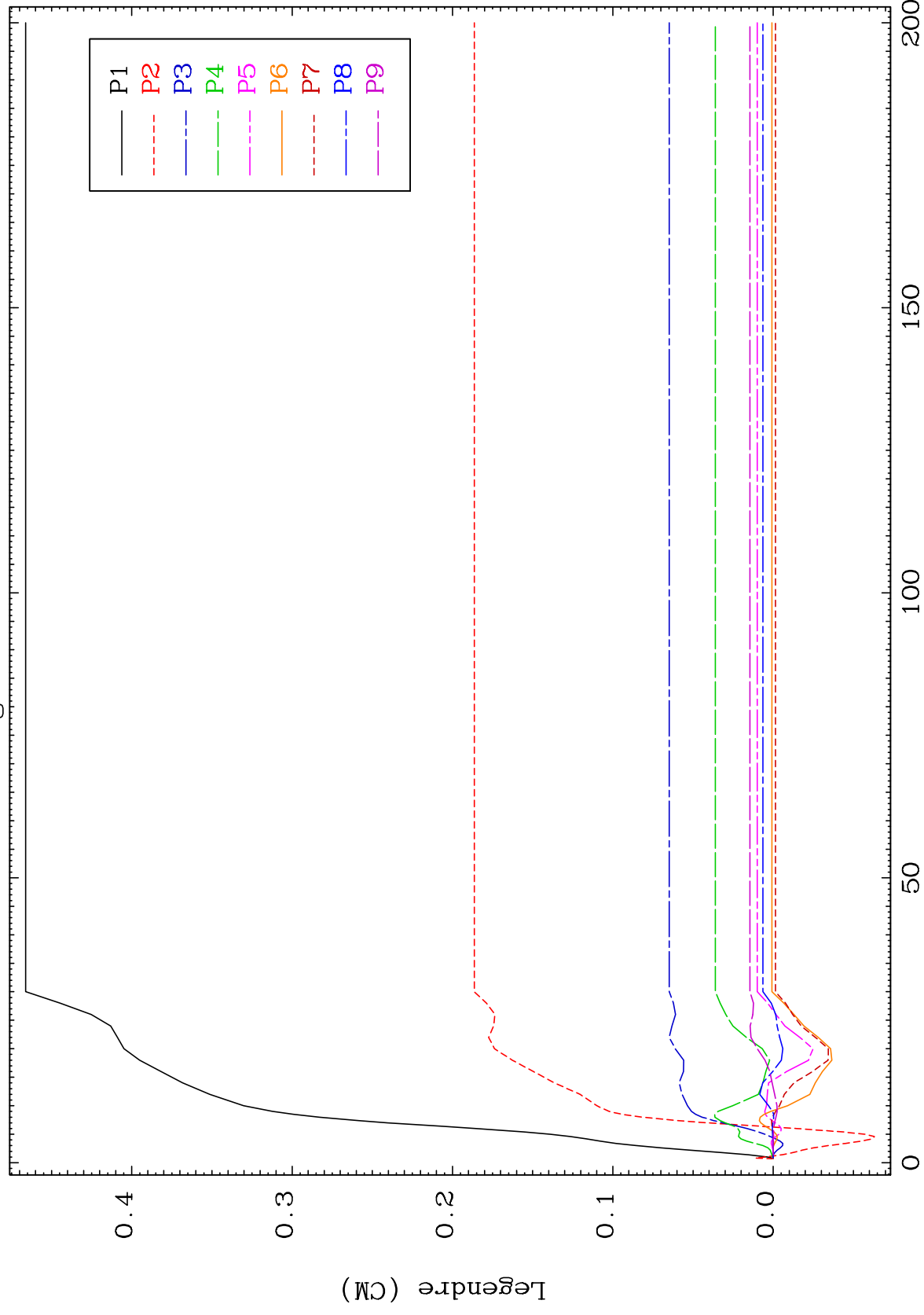
53-I -111



28

Incident Energy (MeV)

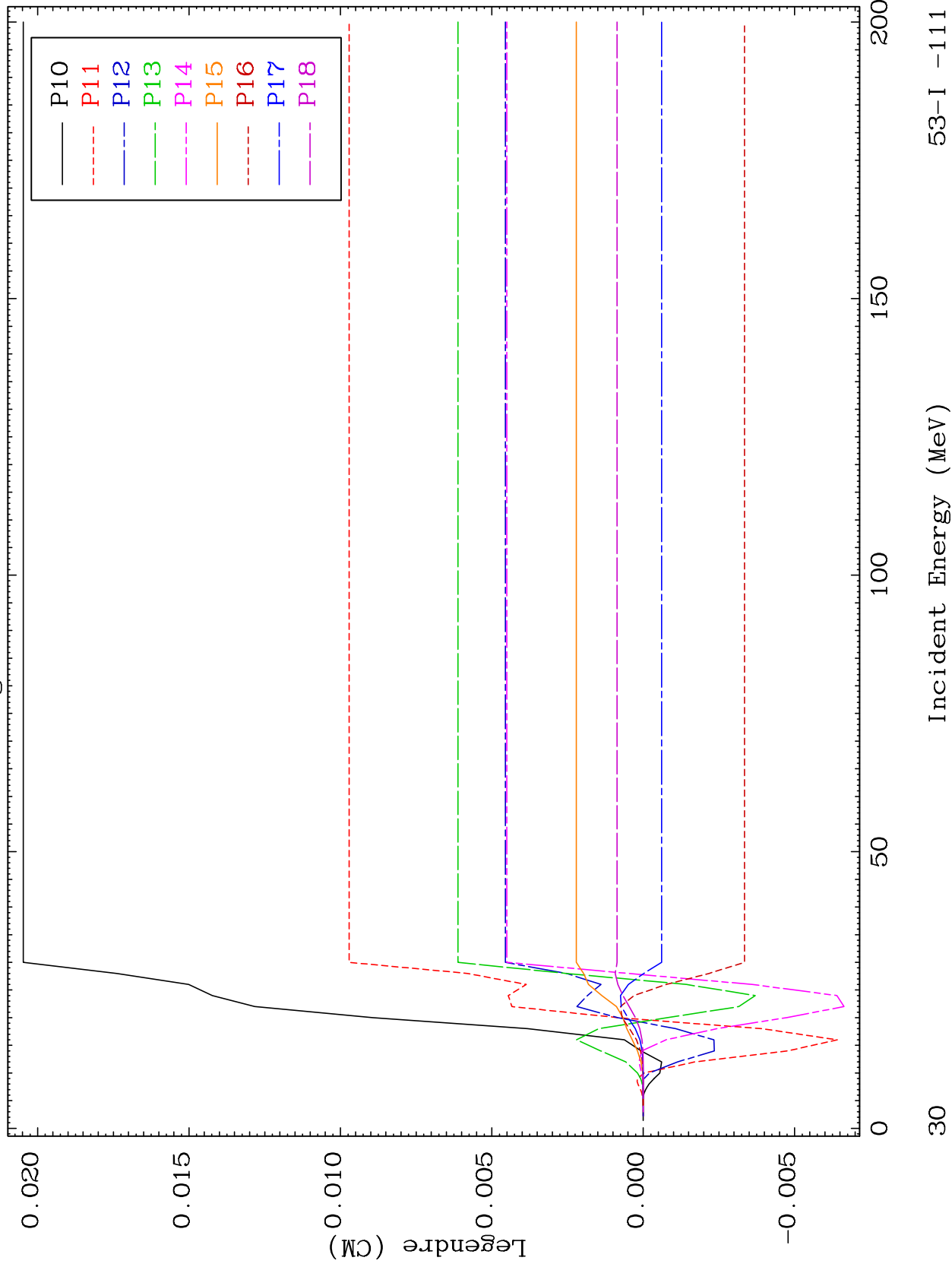
53-I -111



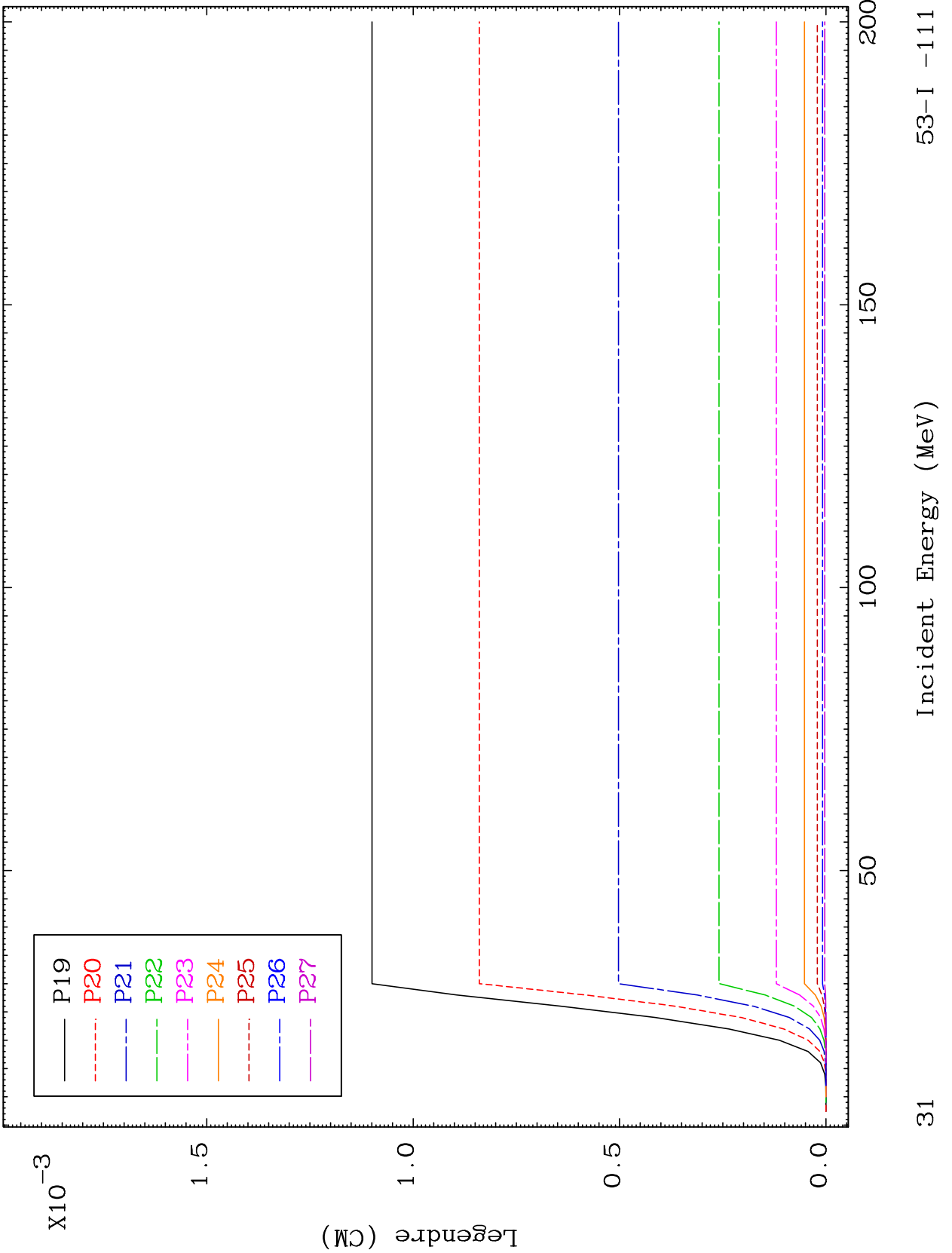
MAT 5277

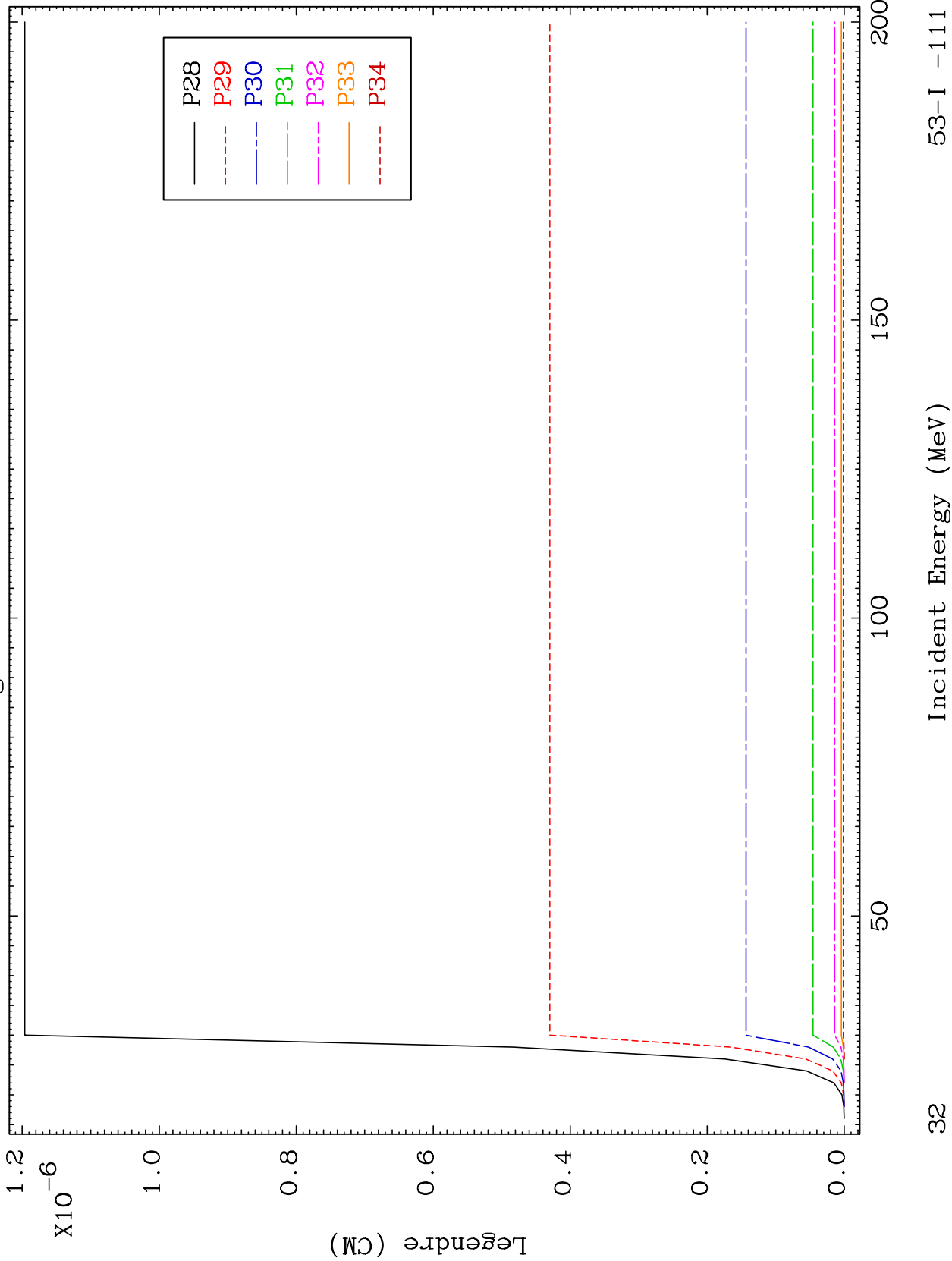
MT= 53 (n,n') Level
Legendre Coefficients

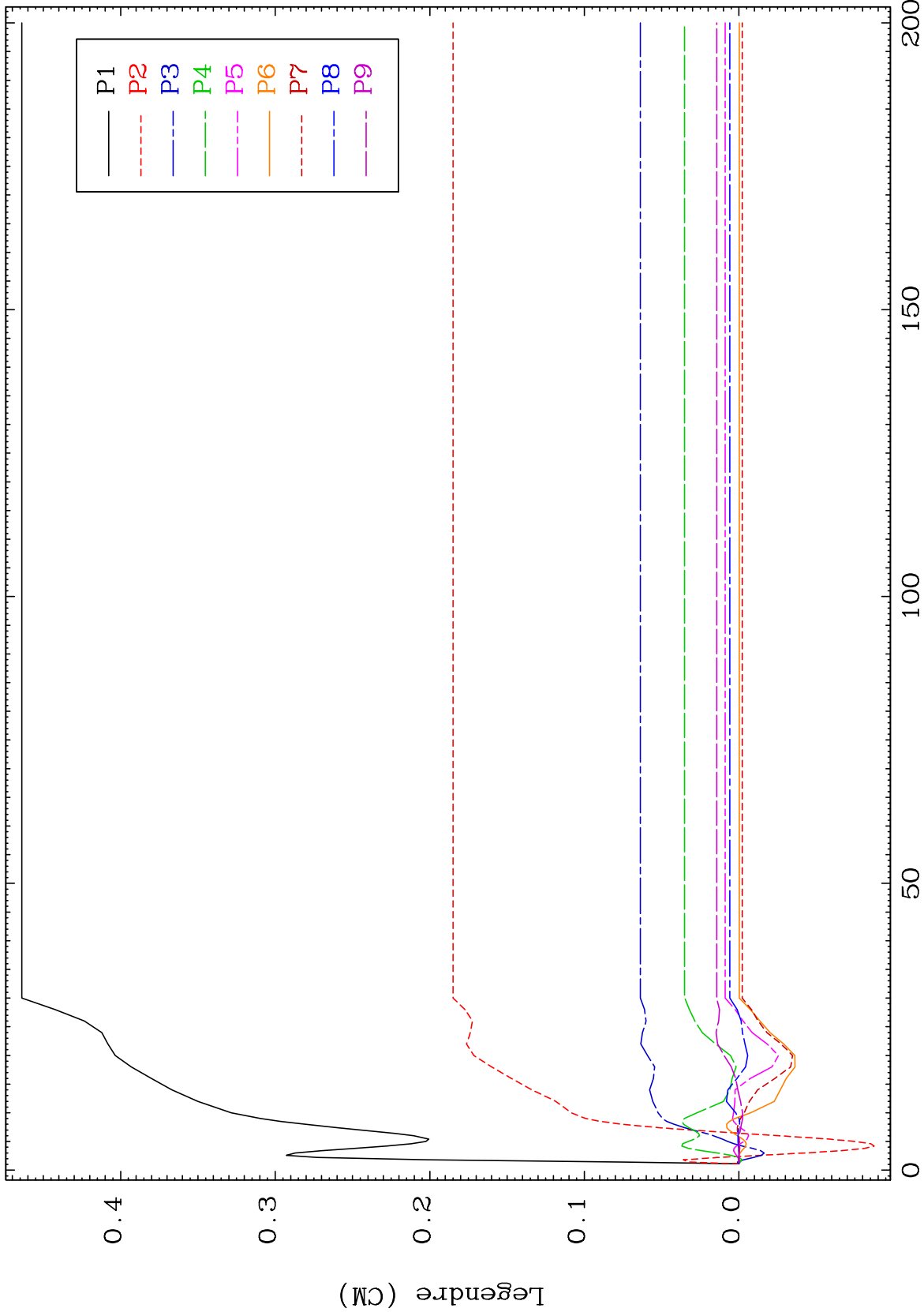
53-I -111

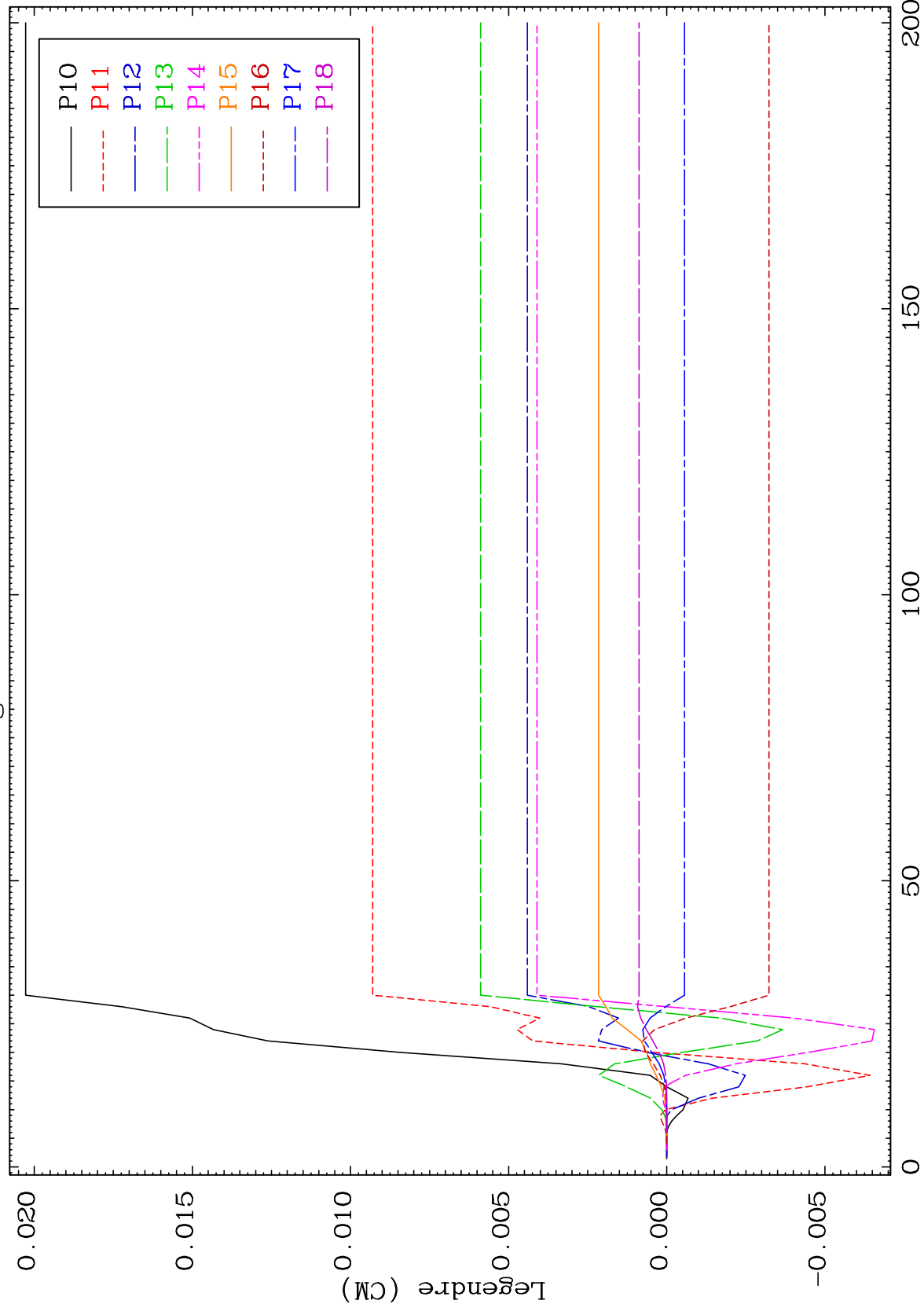


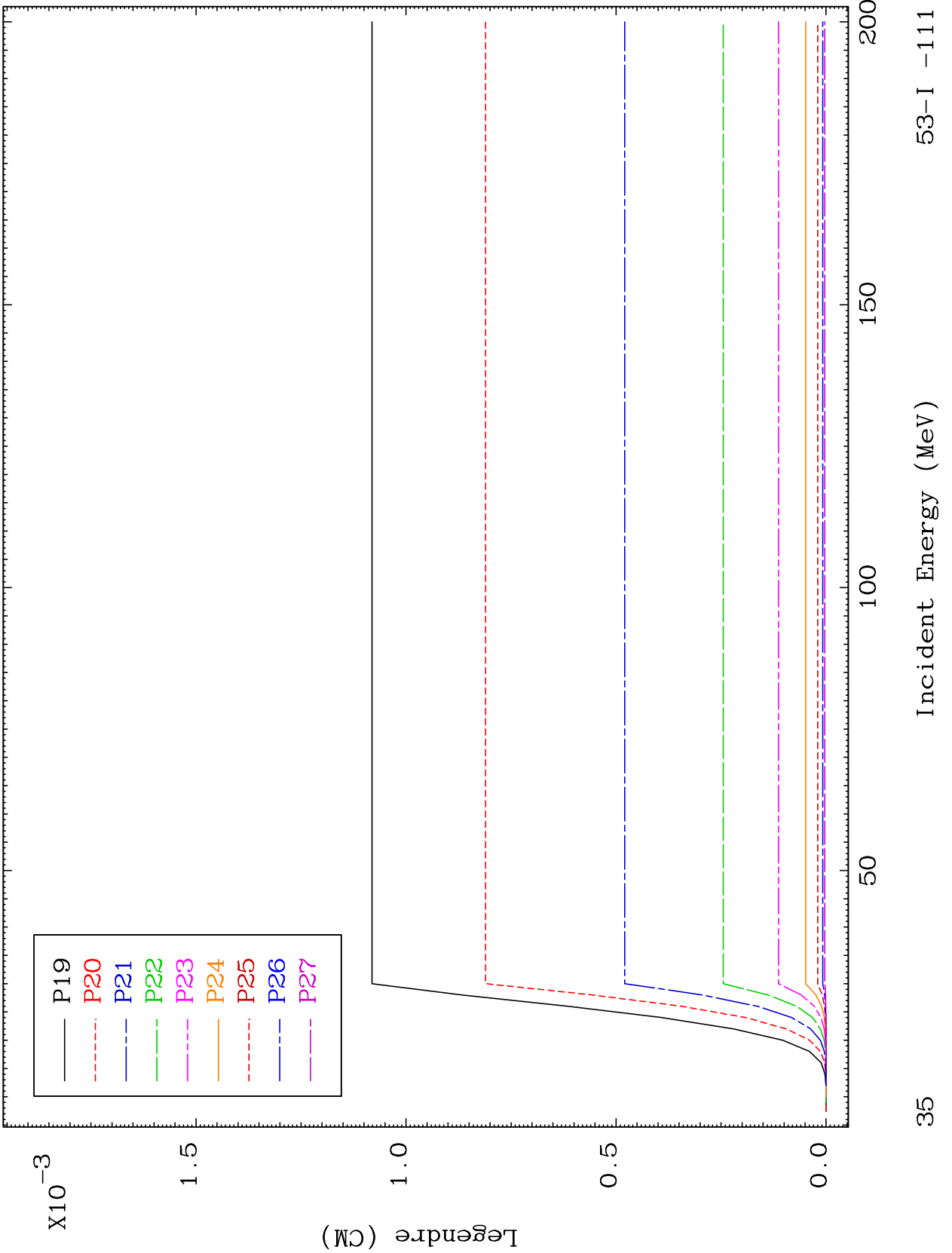
53-I -111







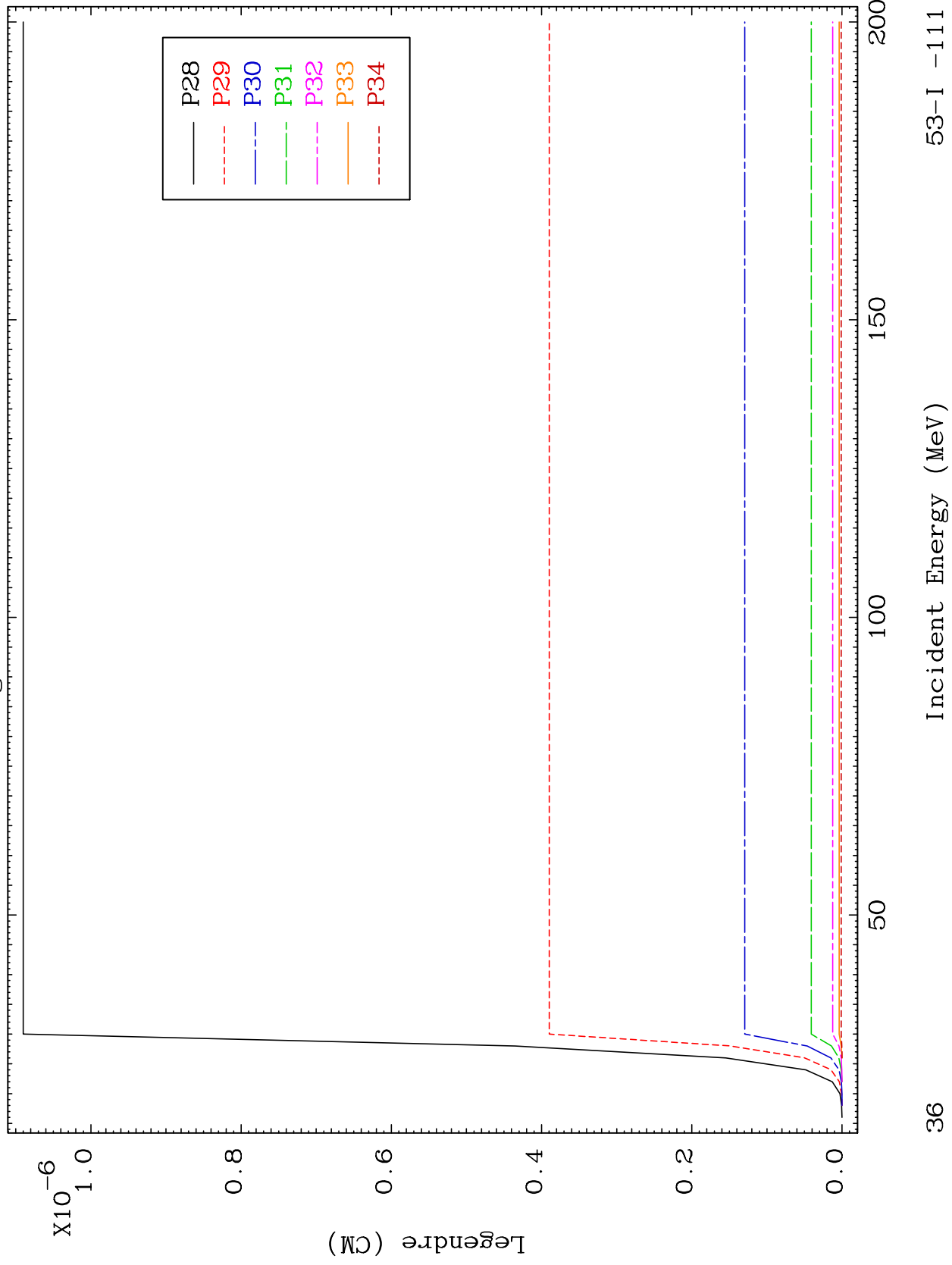




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MT= 54 (n,n') Level
Legendre Coefficients

53-I -111



36

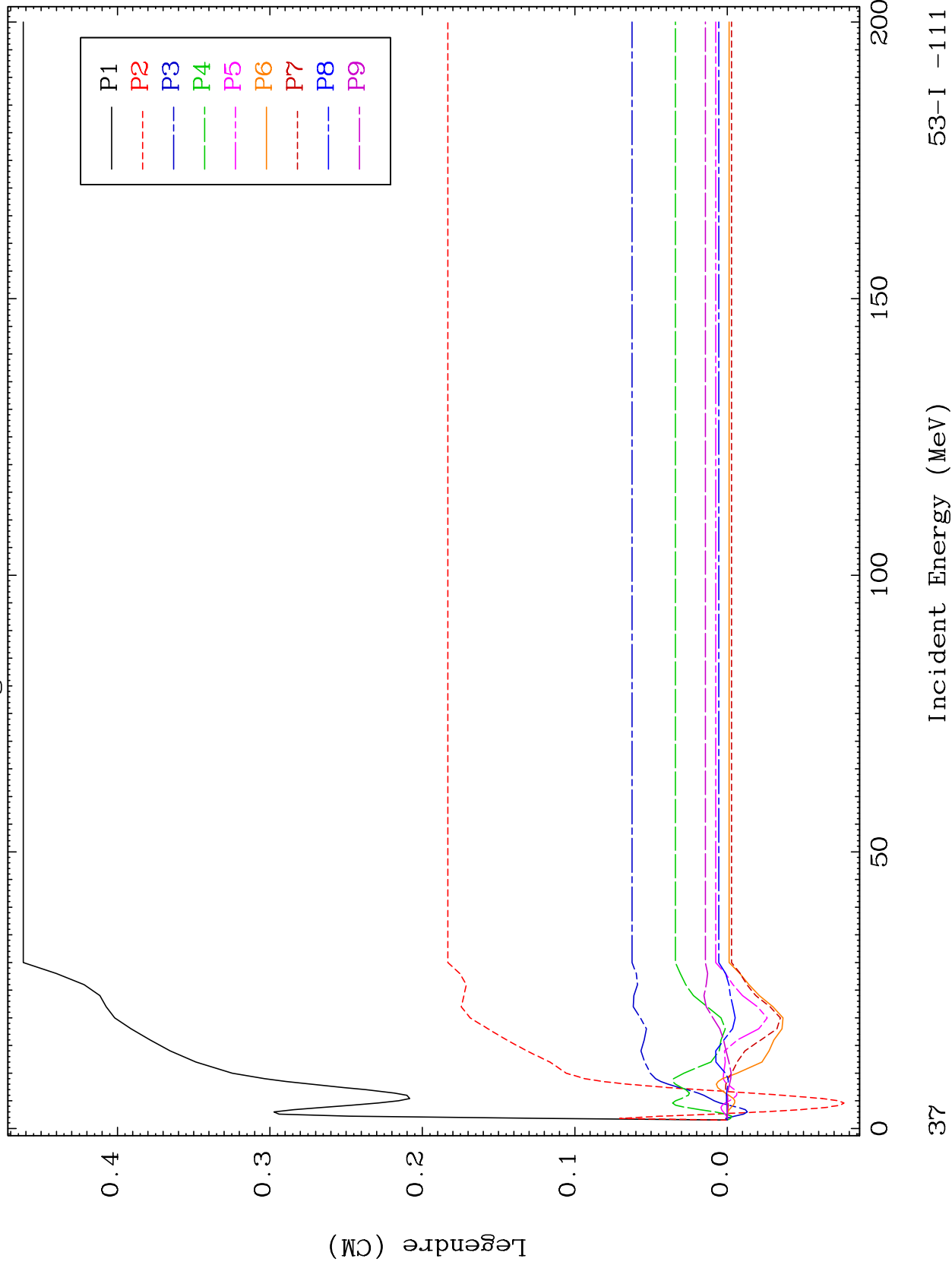
Incident Energy (MeV)

53-I -111

MAT 5277

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

53-I -111



53-I -111

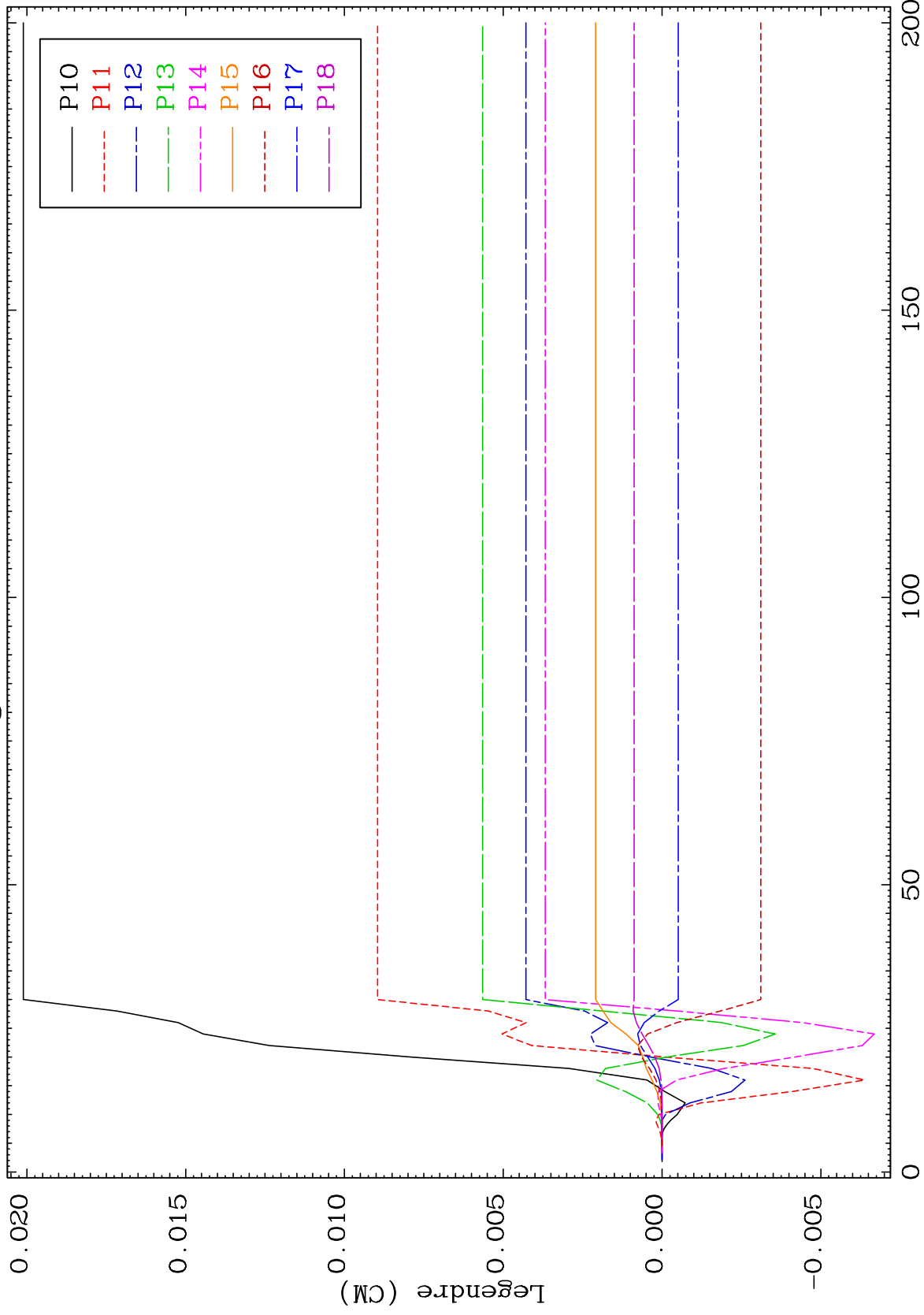
Incident Energy (MeV)

37

MAT 5277

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

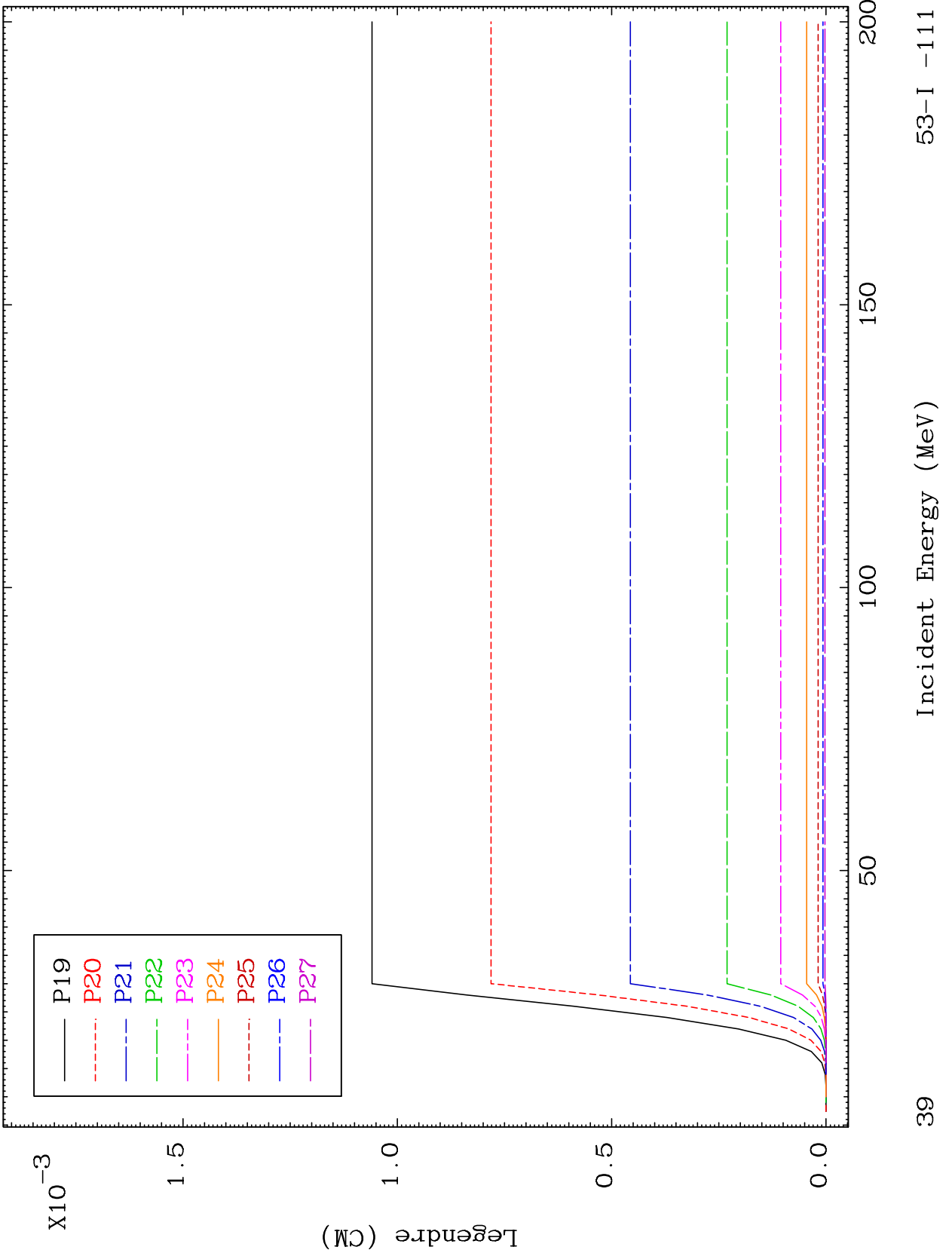
53-I -111



38

Incident Energy (MeV)

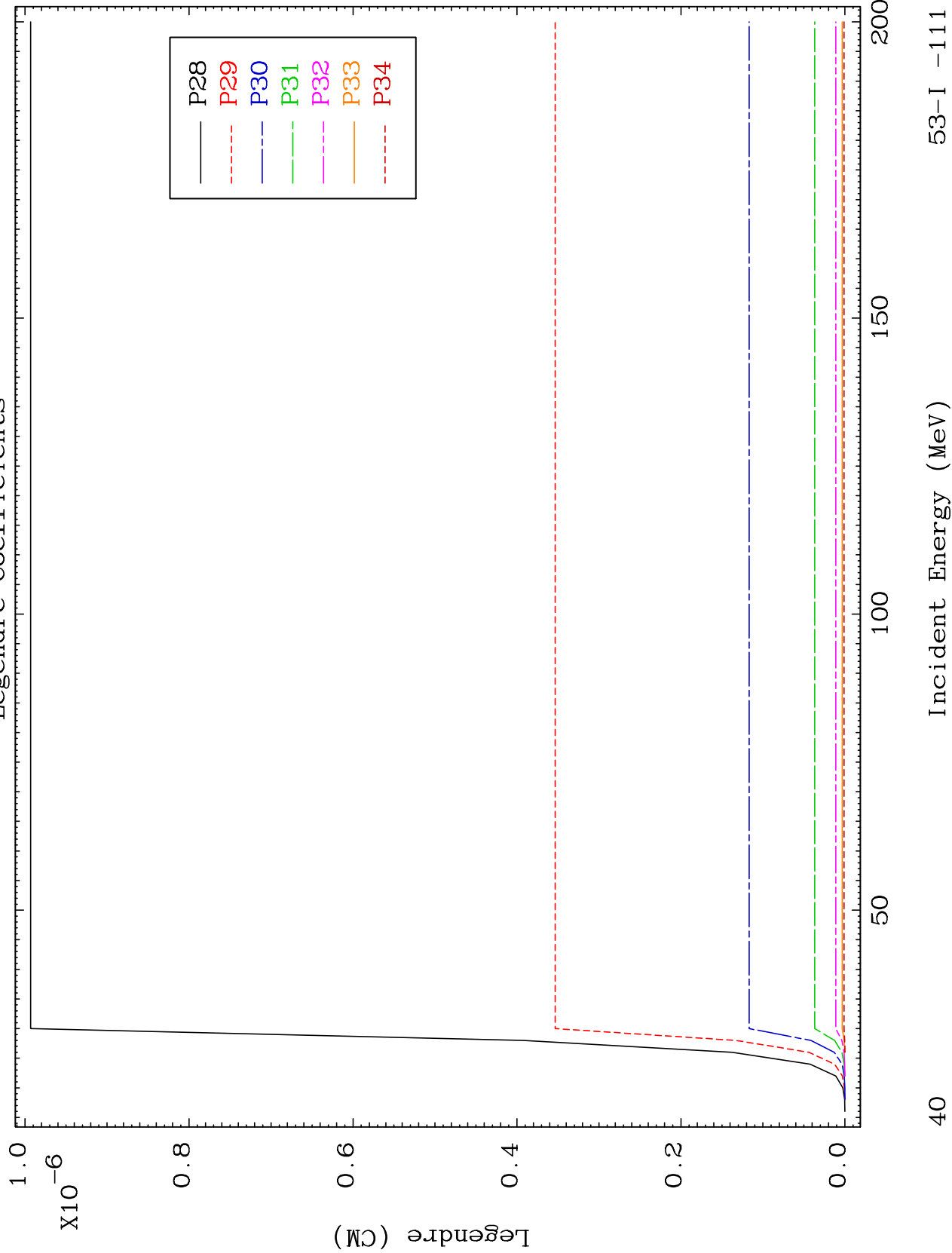
53-I -111



MAT 5277

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

53-I -111



53-I -111

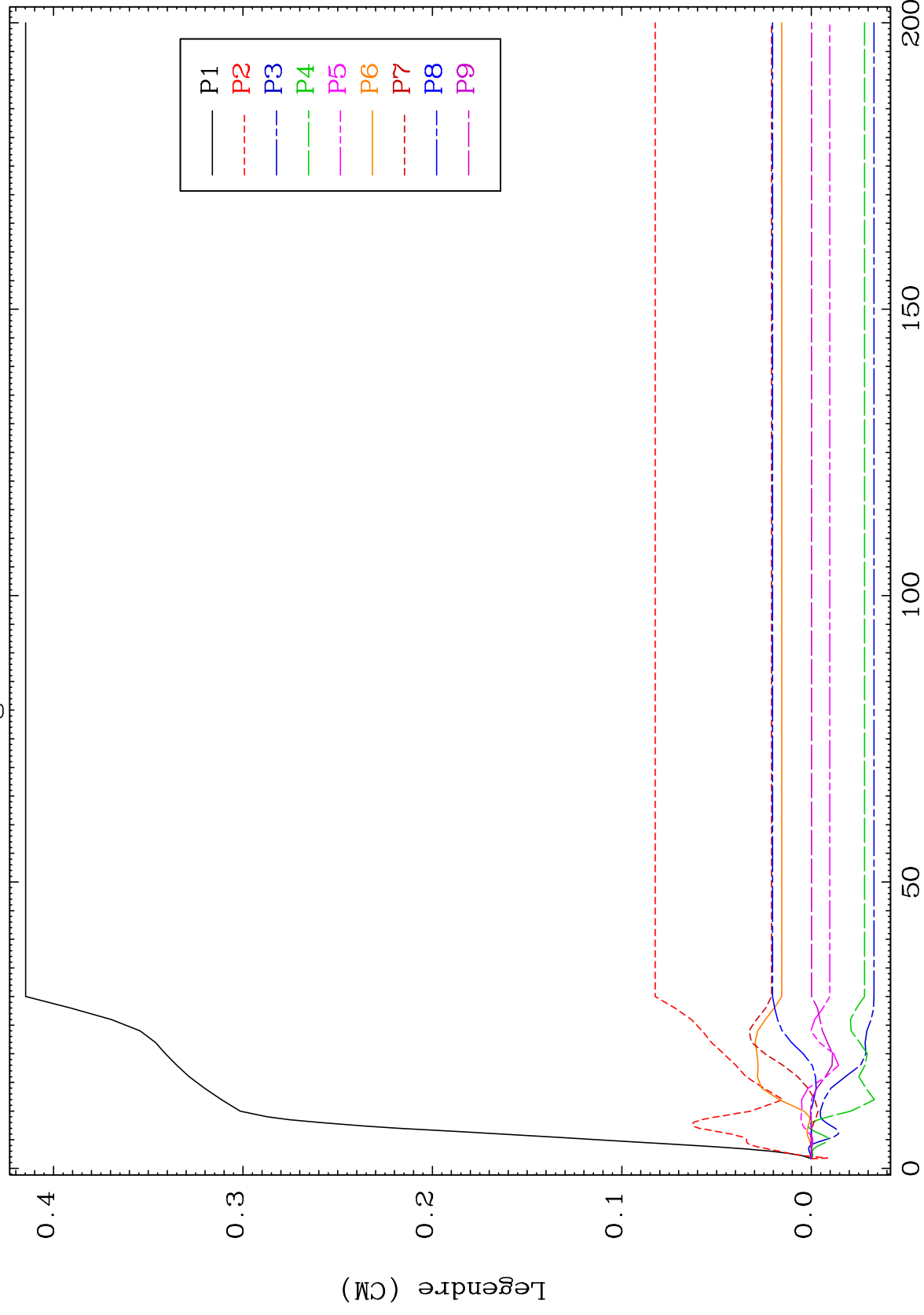
Incident Energy (MeV)

40

MAT 5277

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

53-I -111



41

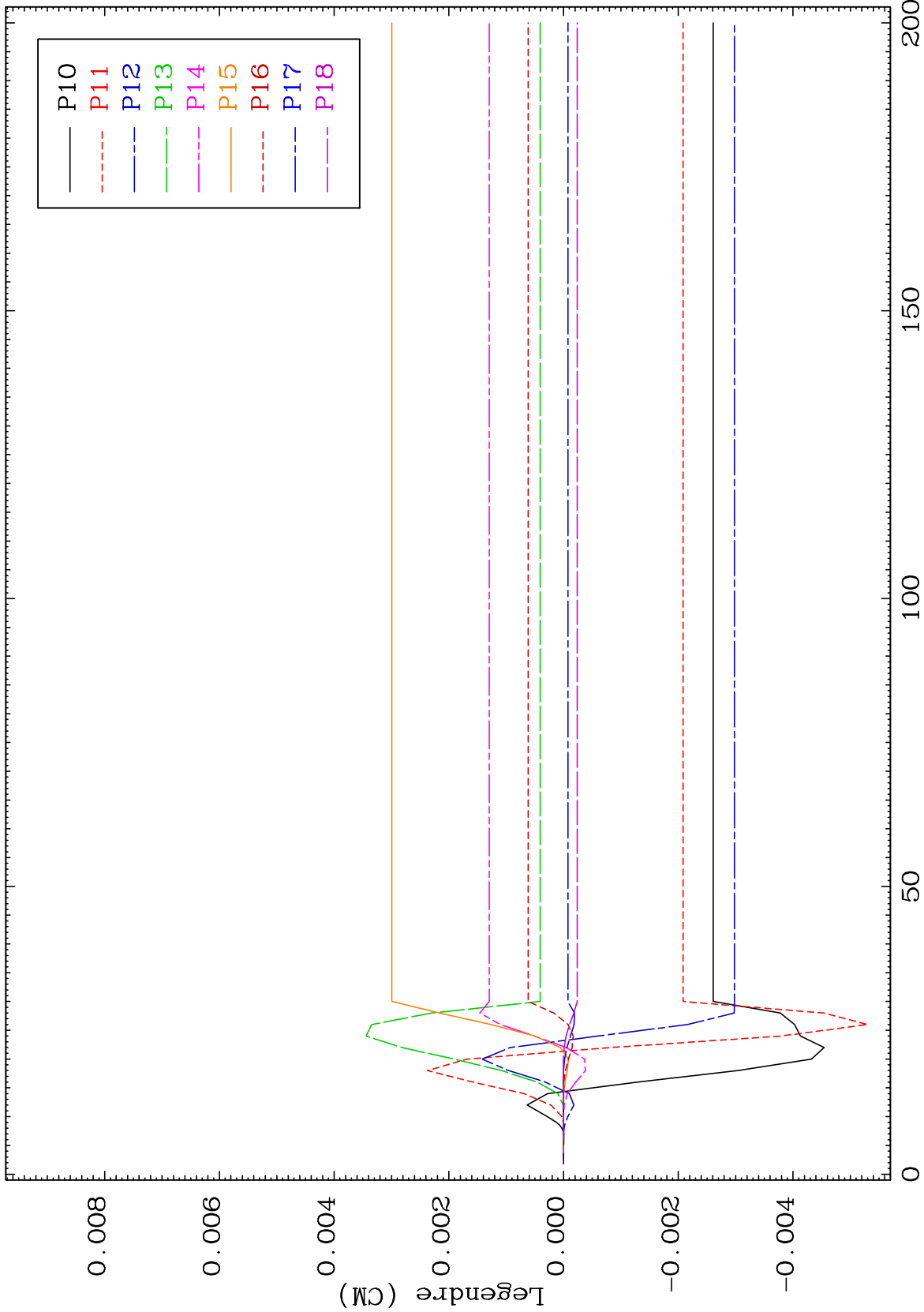
Incident Energy (MeV)

53-I -111

MAT 5277

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

53-I -111



42

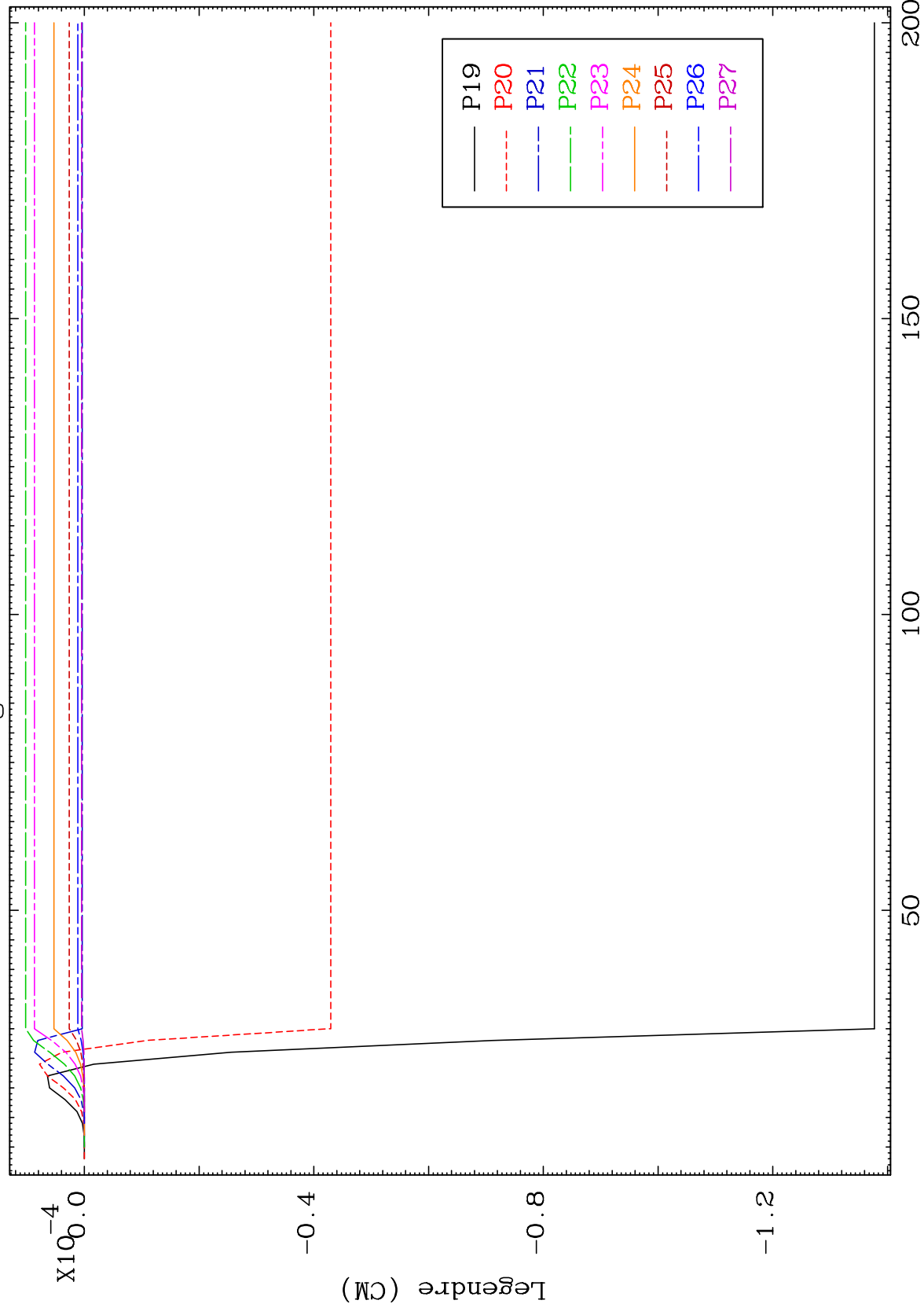
Incident Energy (MeV)

53-I -111

MAT 5277

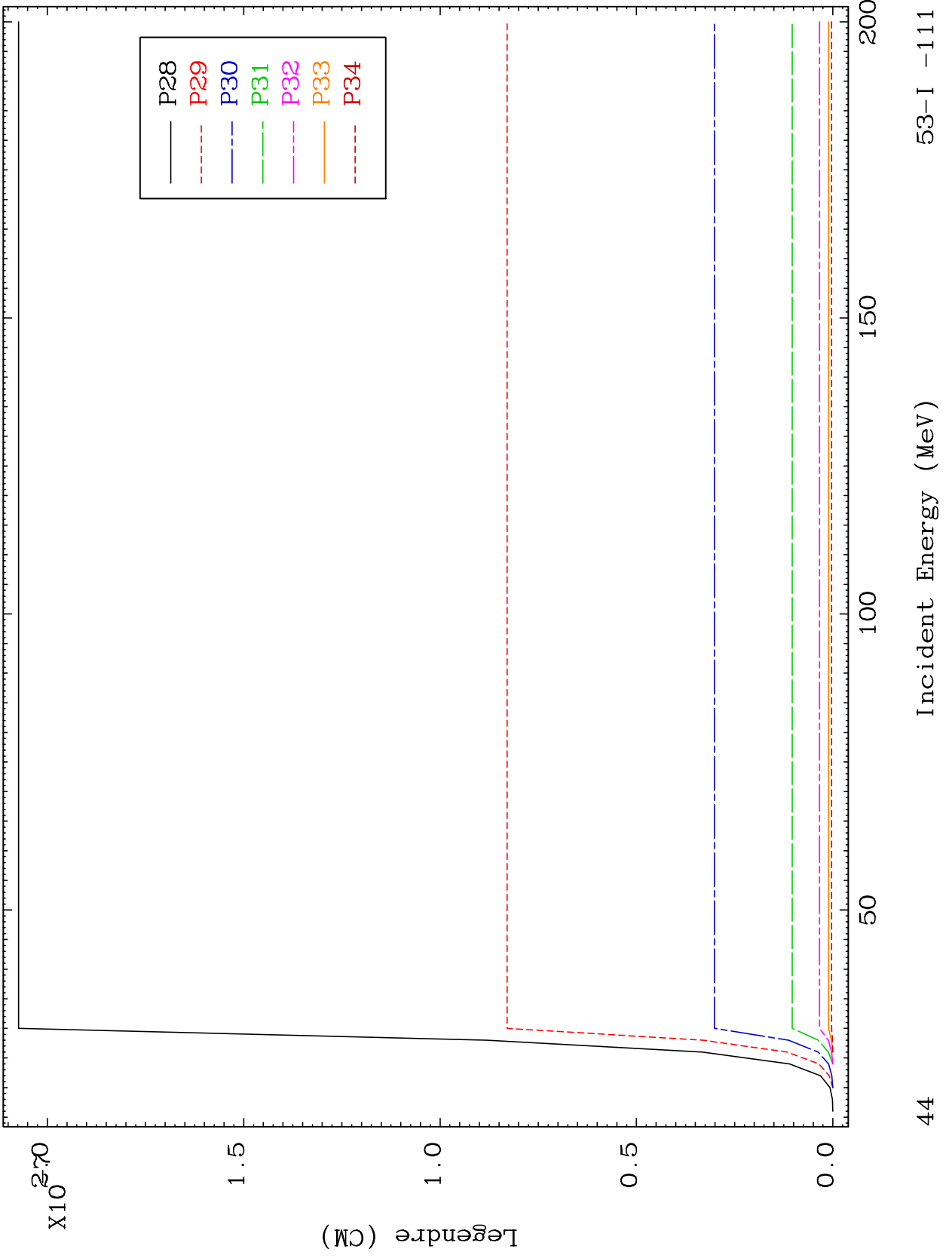
MT= 56 (n,n') Level
Legendre Coefficients

53-I -111



43

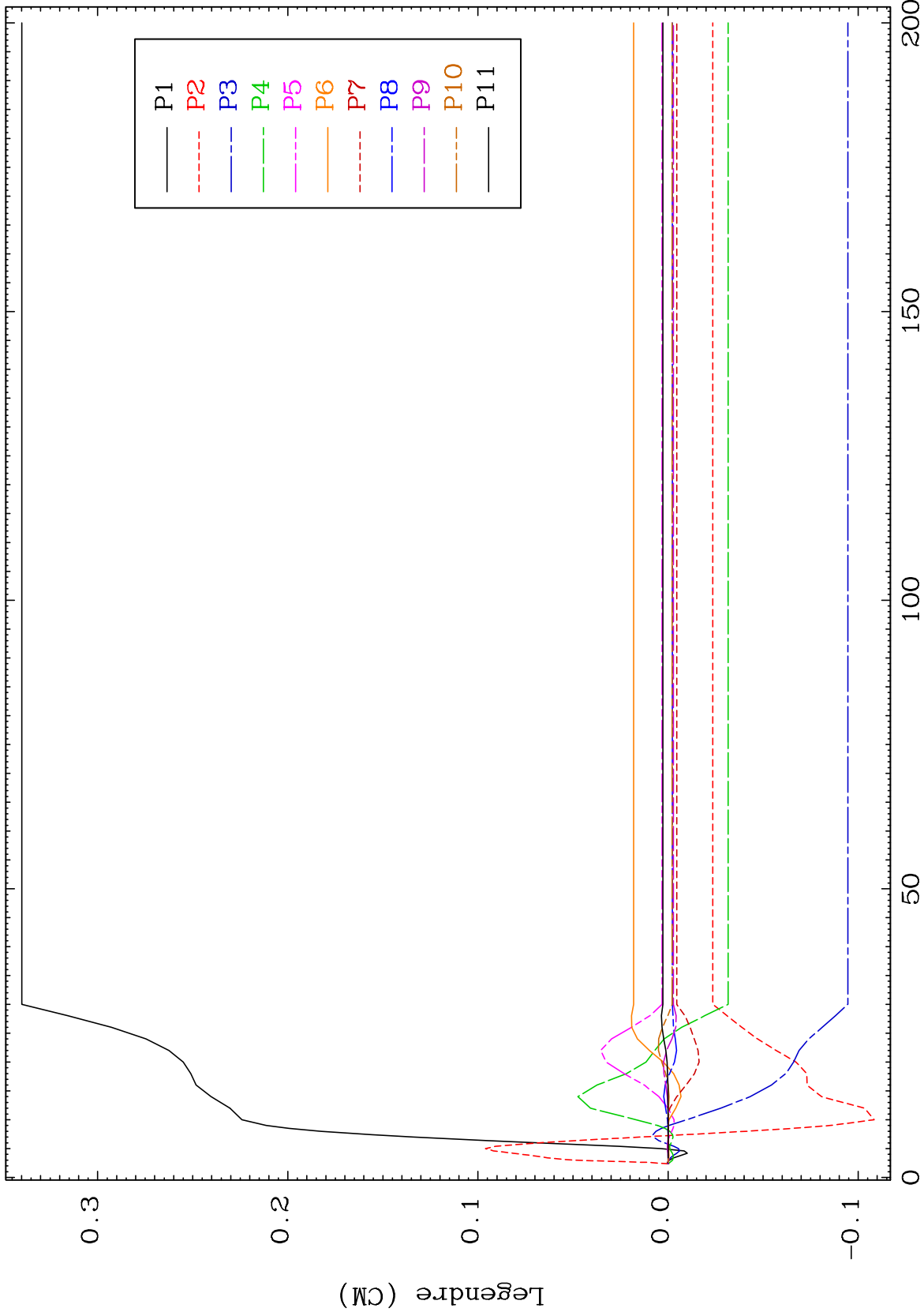
53-I -111



MAT 5277

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

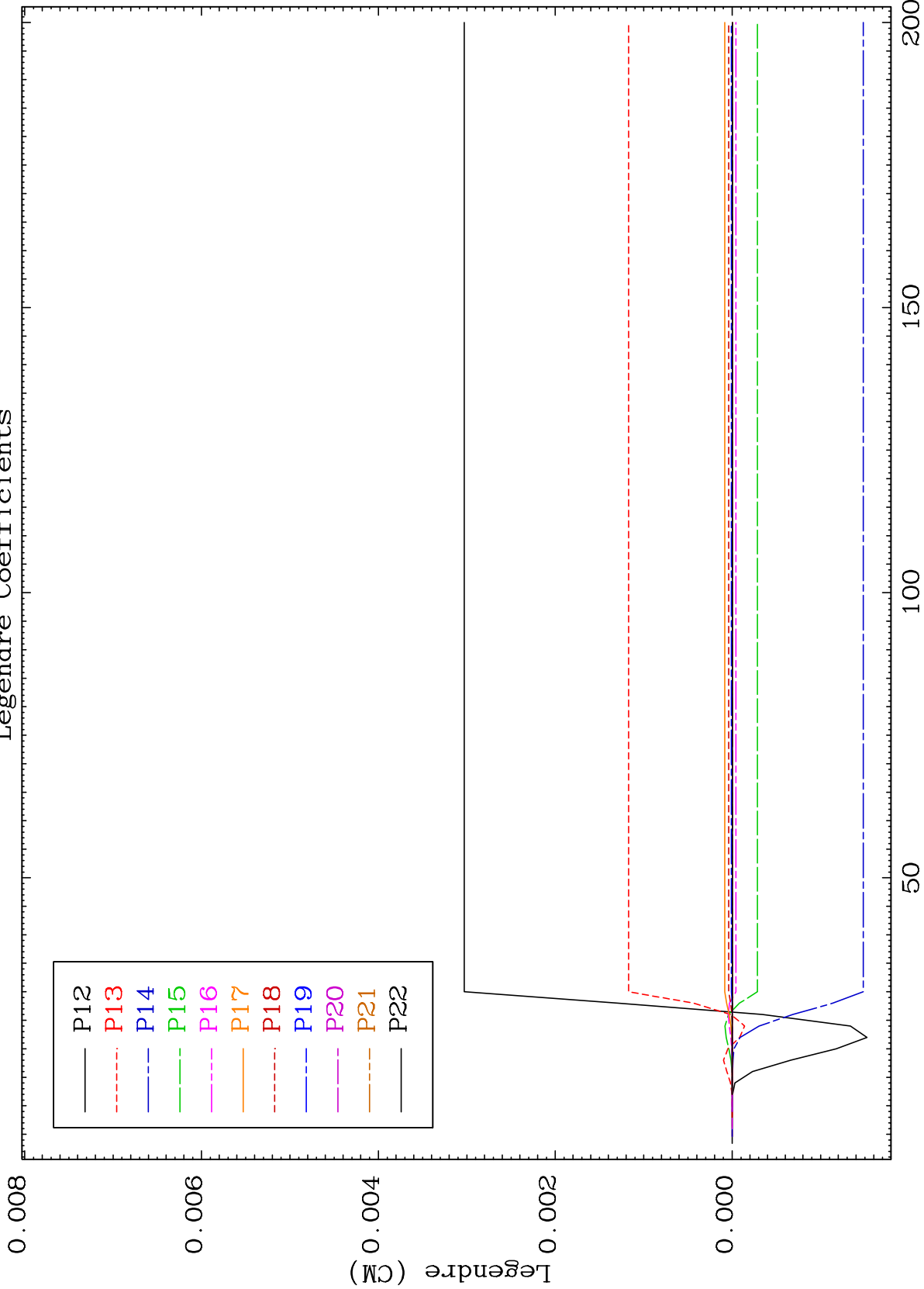
53-I -111



53-I -111

Incident Energy (MeV)

45

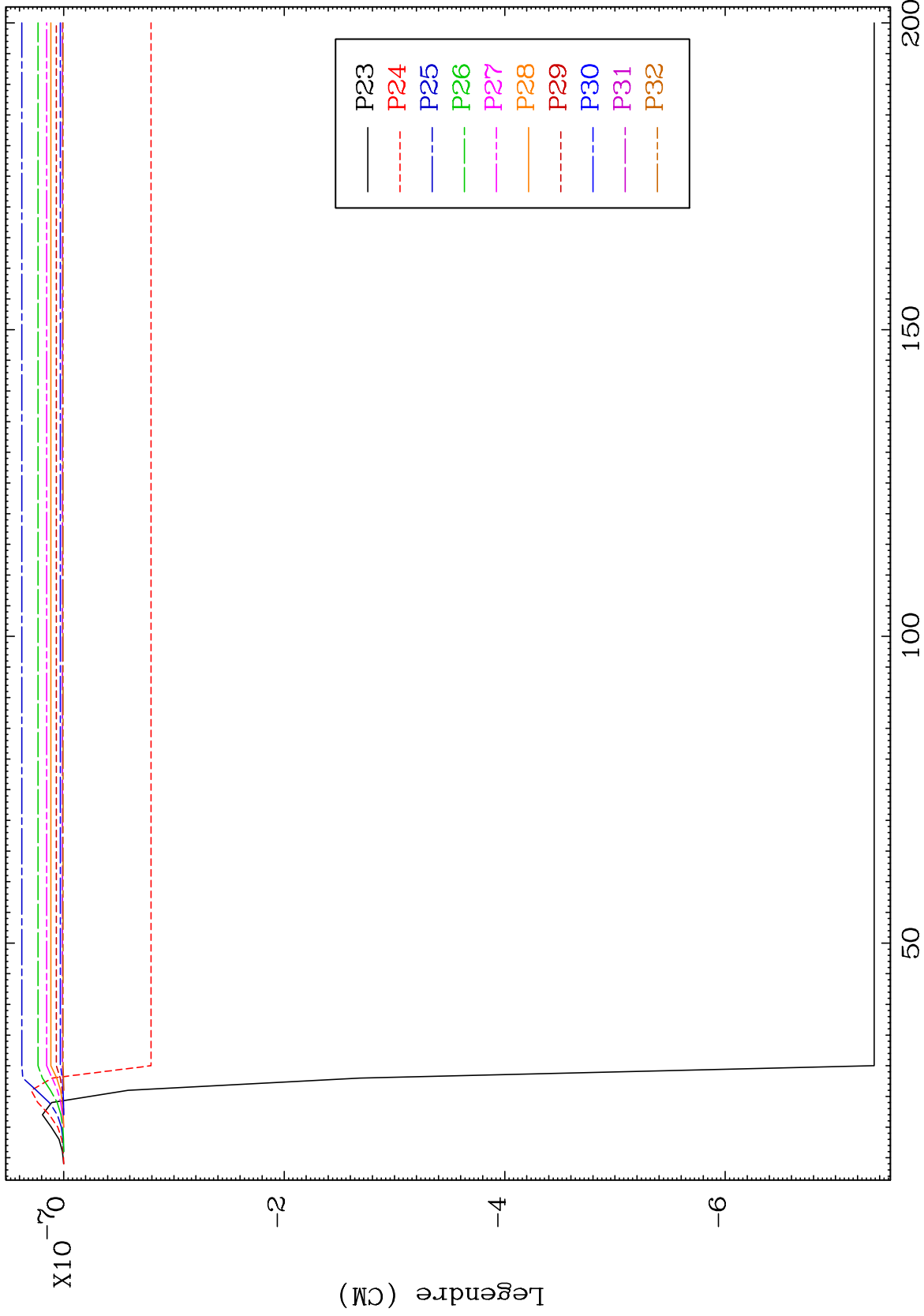


MAT 5277

MT= 57 (n,n') Level

53-I -111

Legendre Coefficients



47

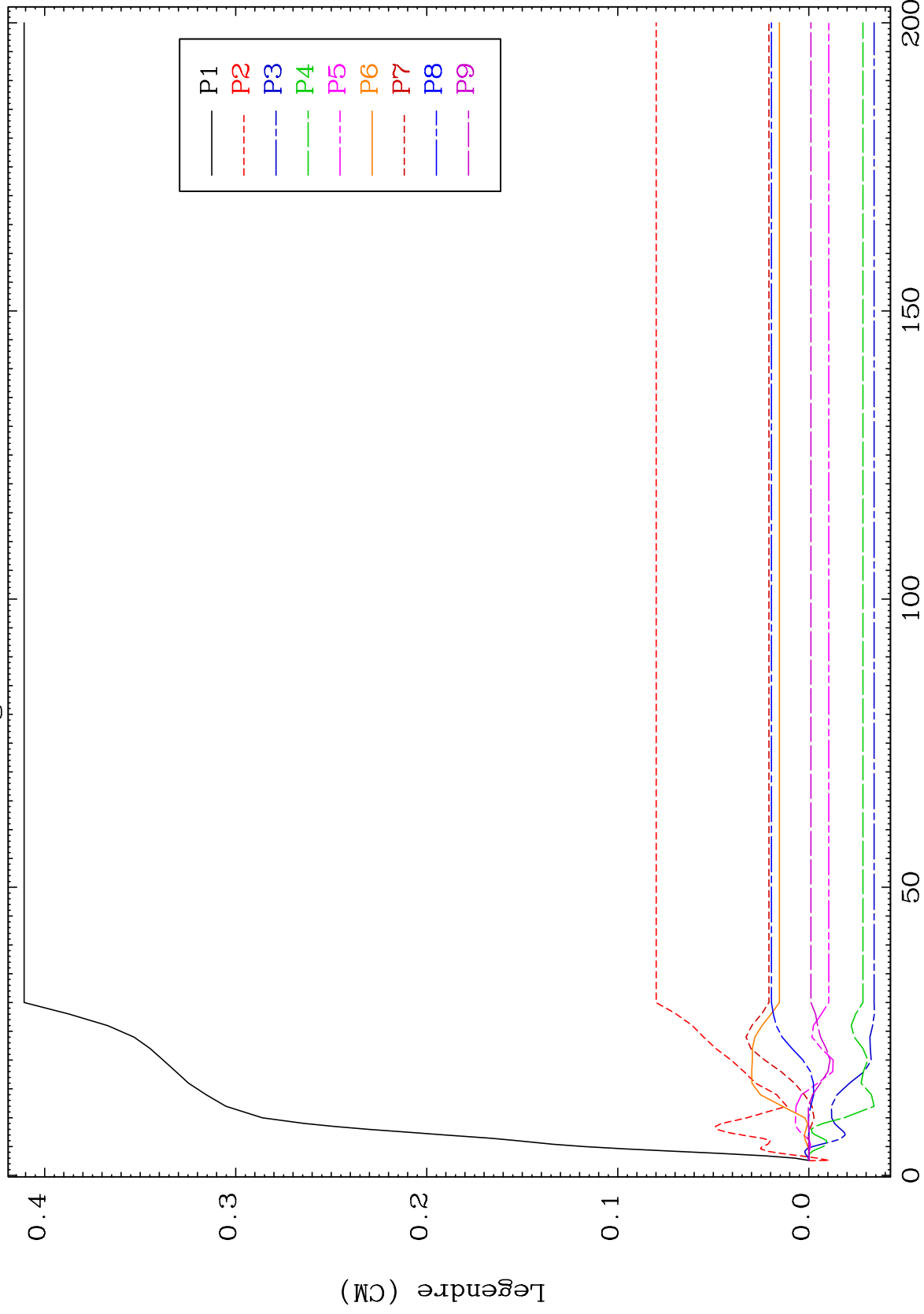
Incident Energy (MeV)

53-I -111

MAT 5277

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

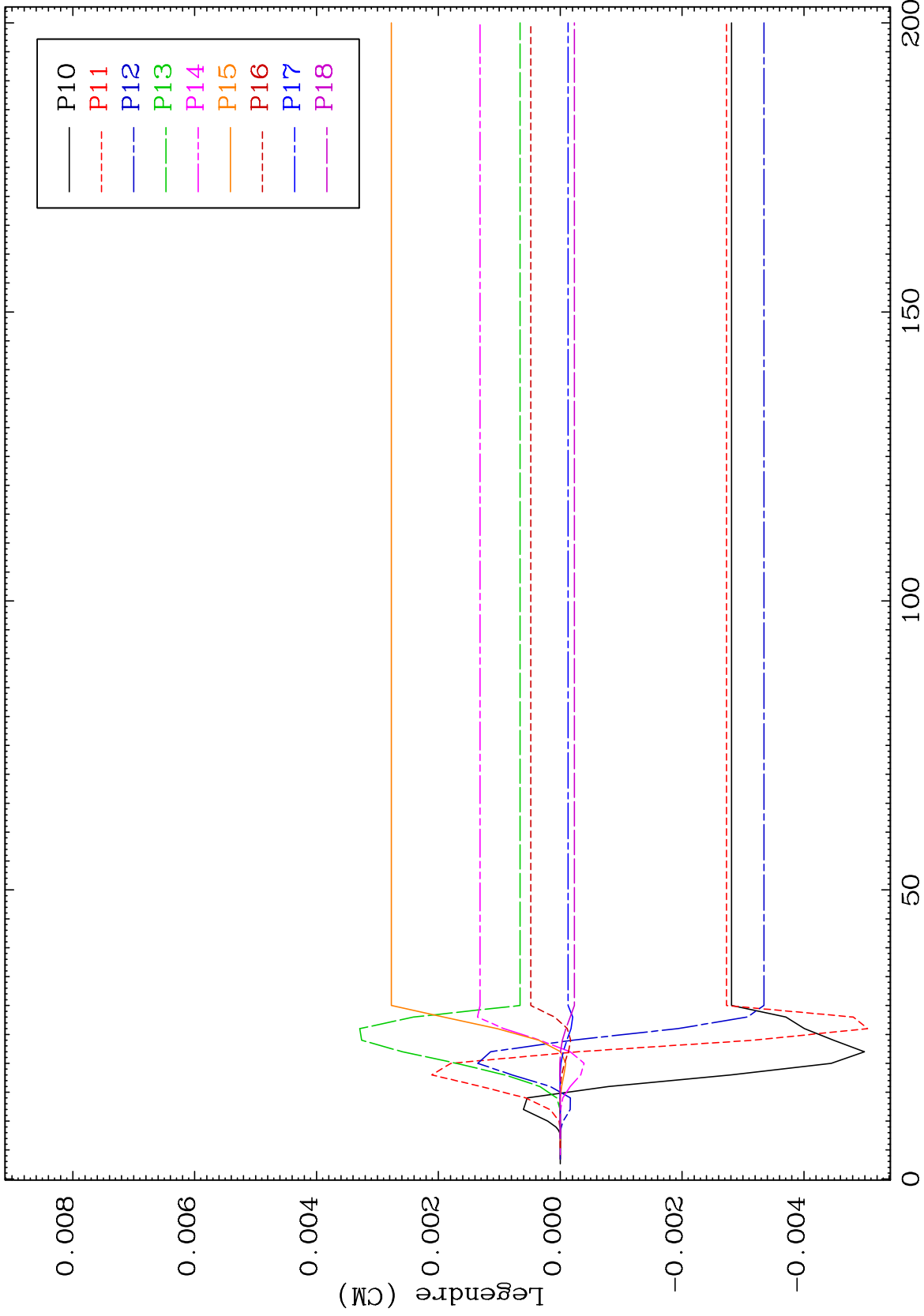
53-I -111



48

Incident Energy (MeV)

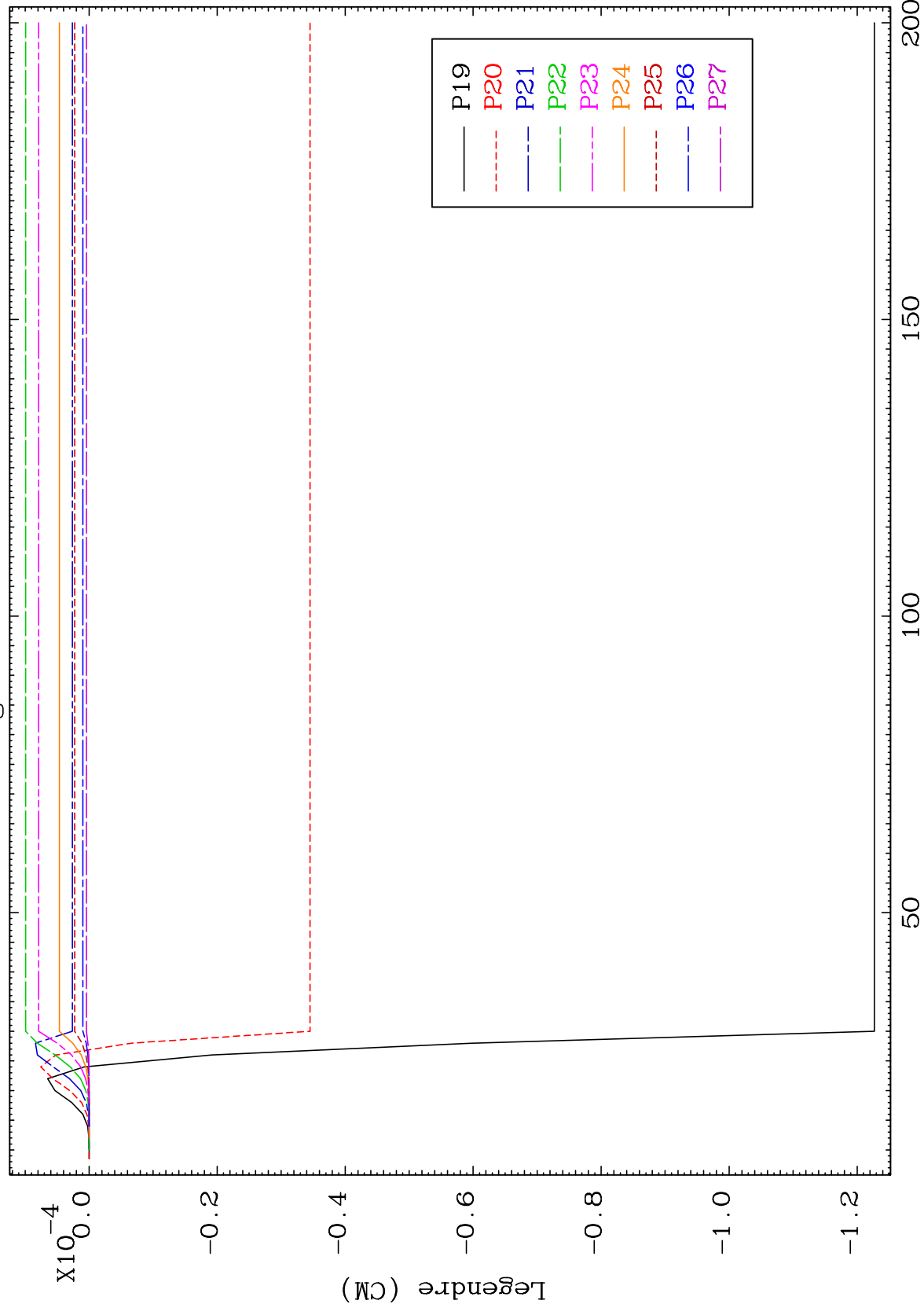
53-I -111



MAT 5277

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

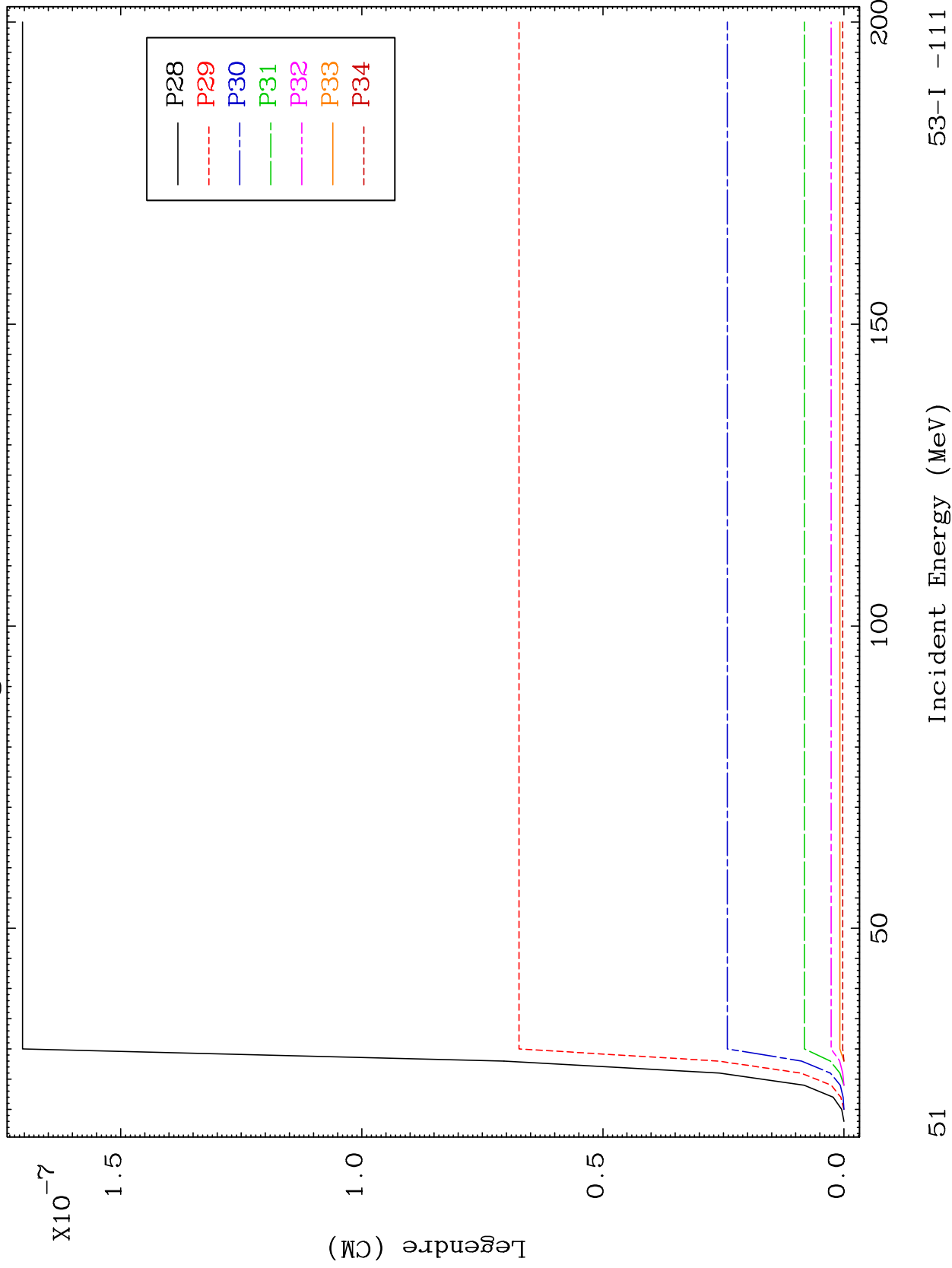
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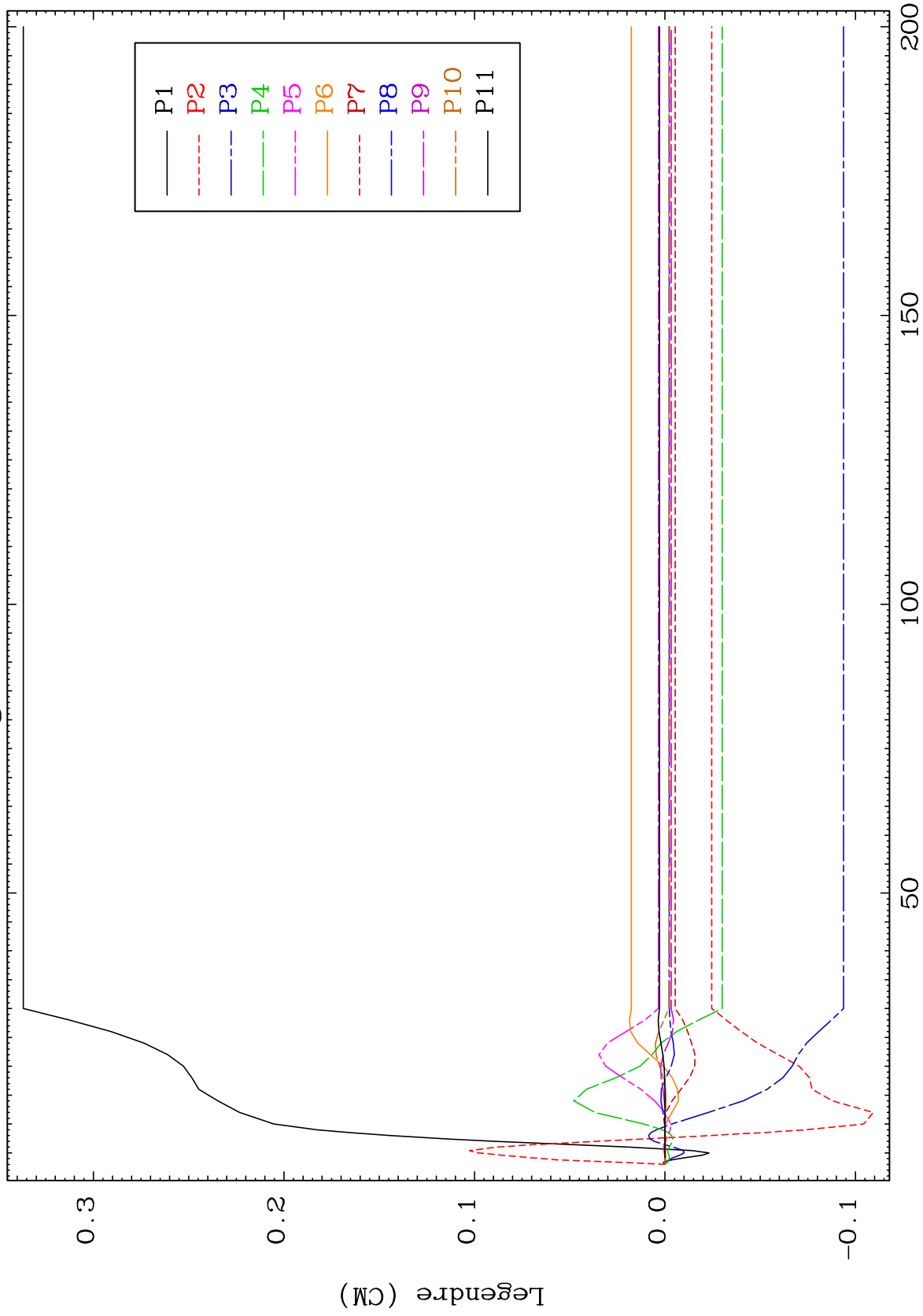


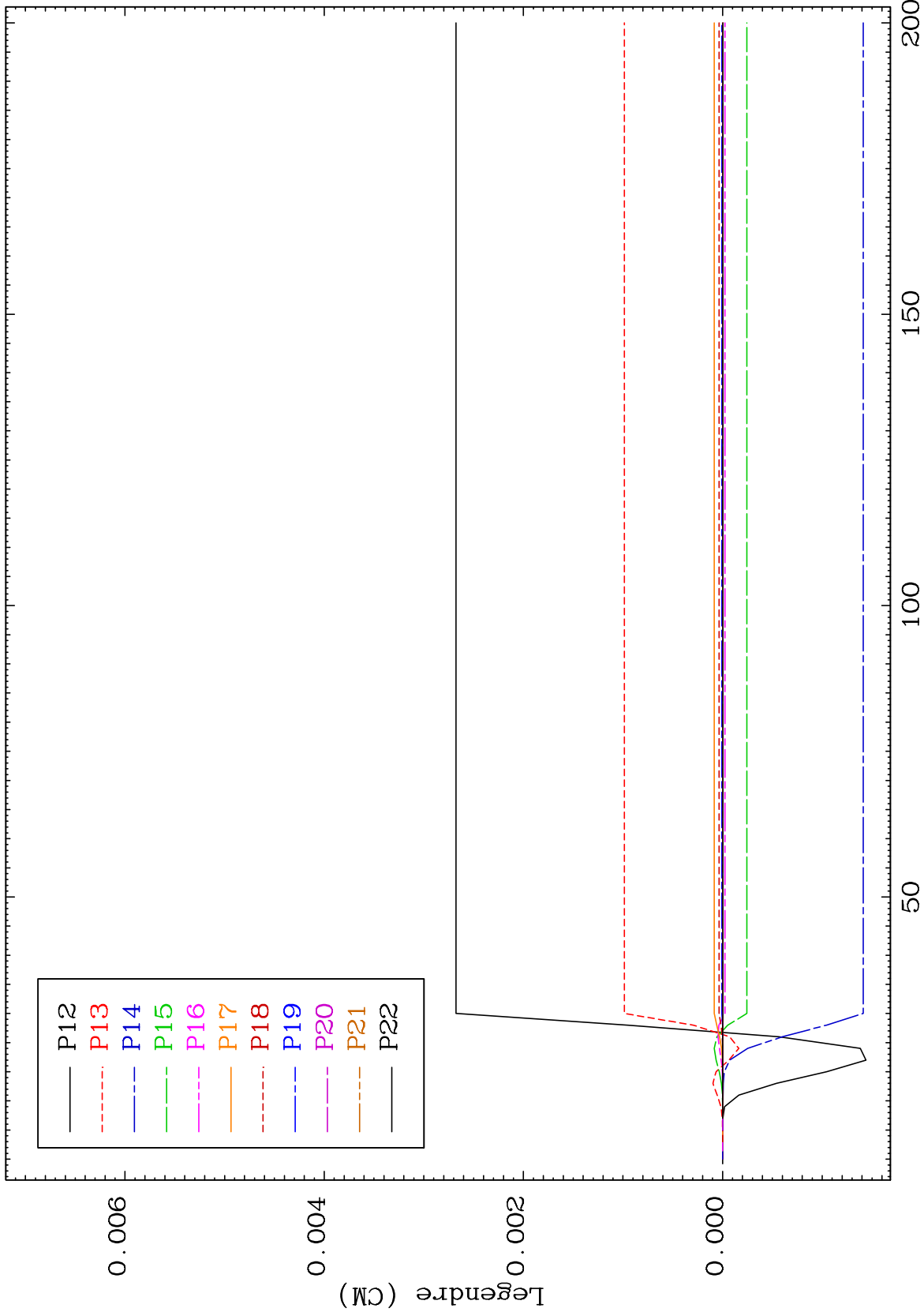
50

Incident Energy (MeV)

53-I -111



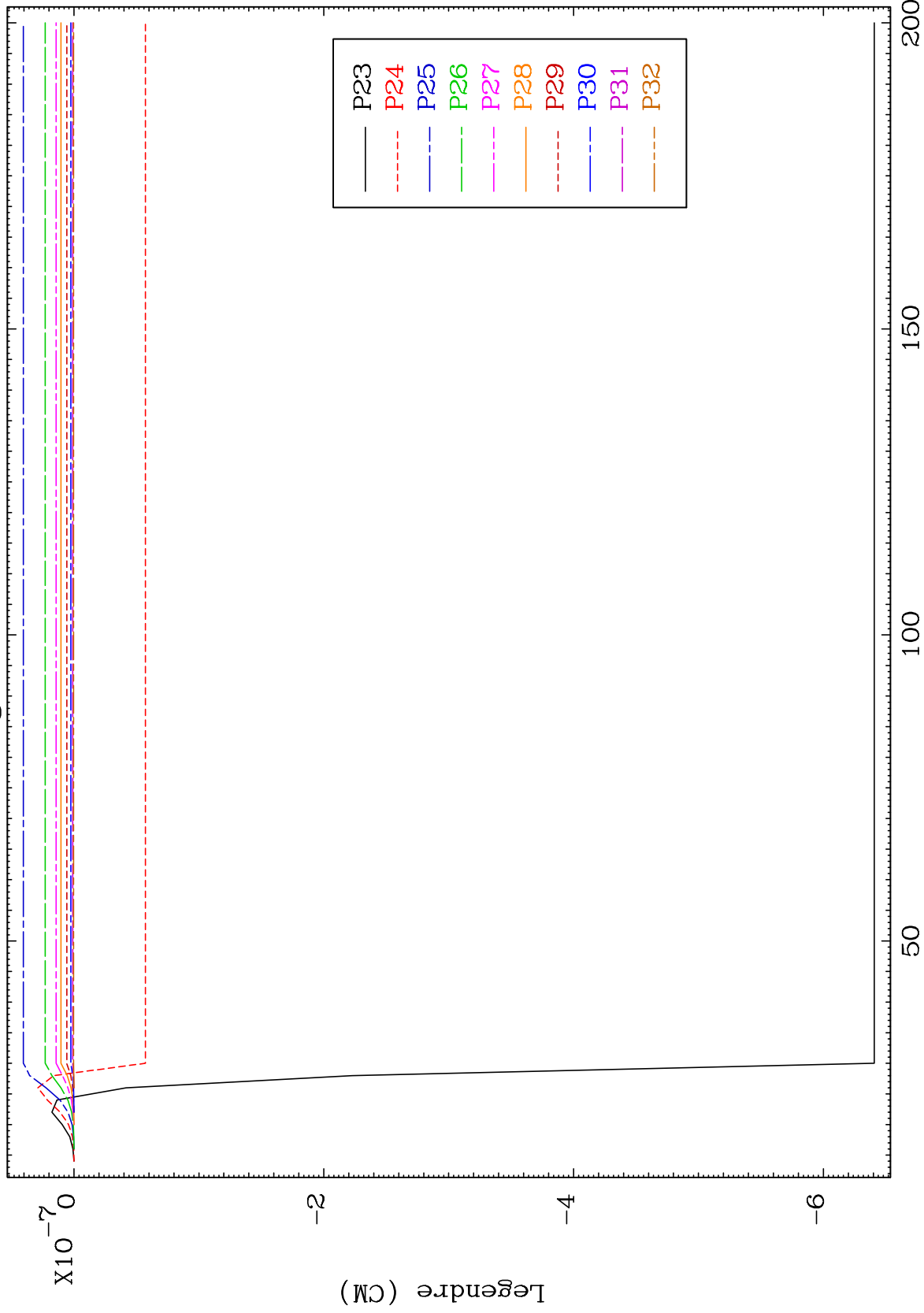




MAT 5277

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

53-I -111



54

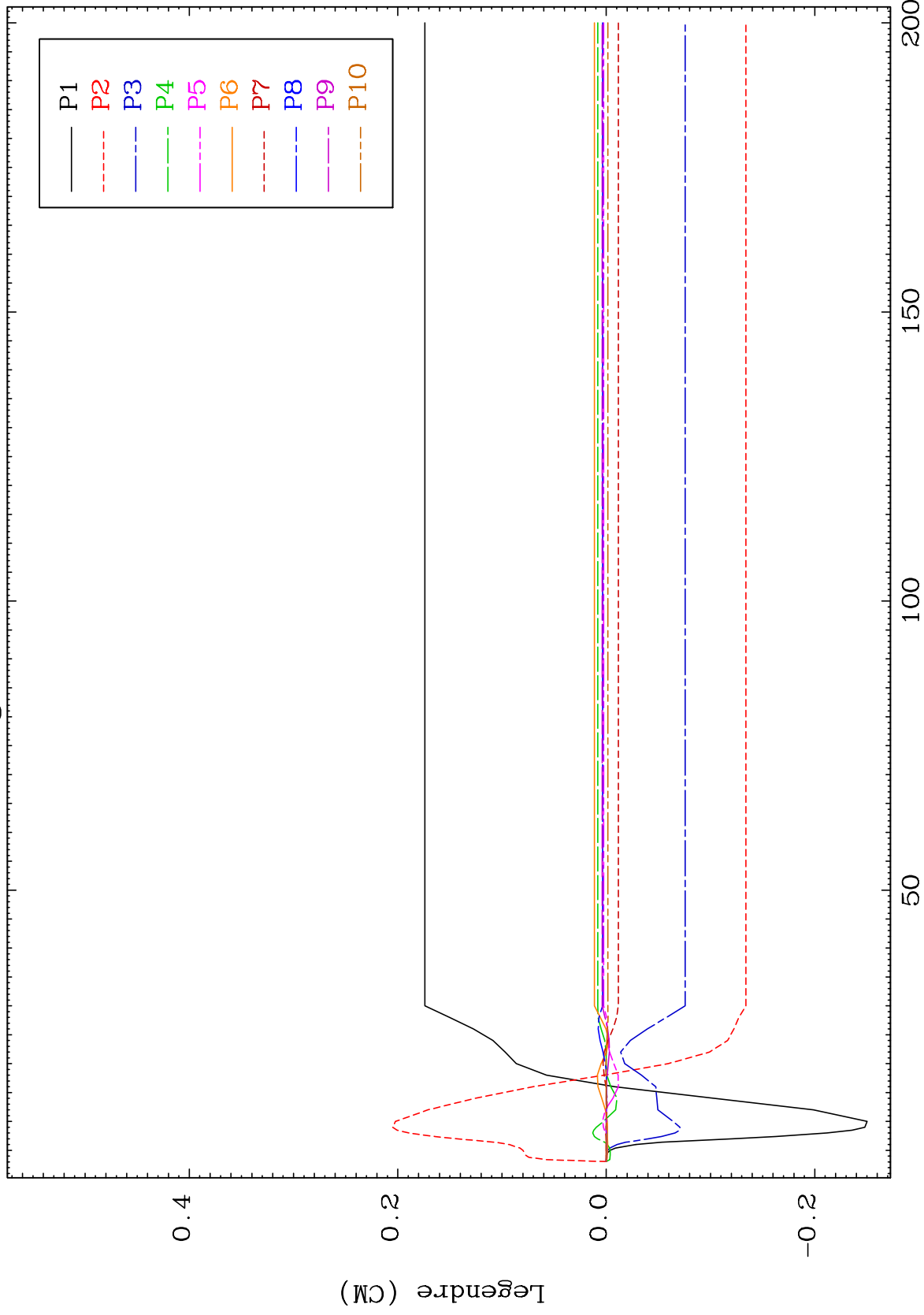
Incident Energy (MeV)

53-I -111

MAT 5277

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

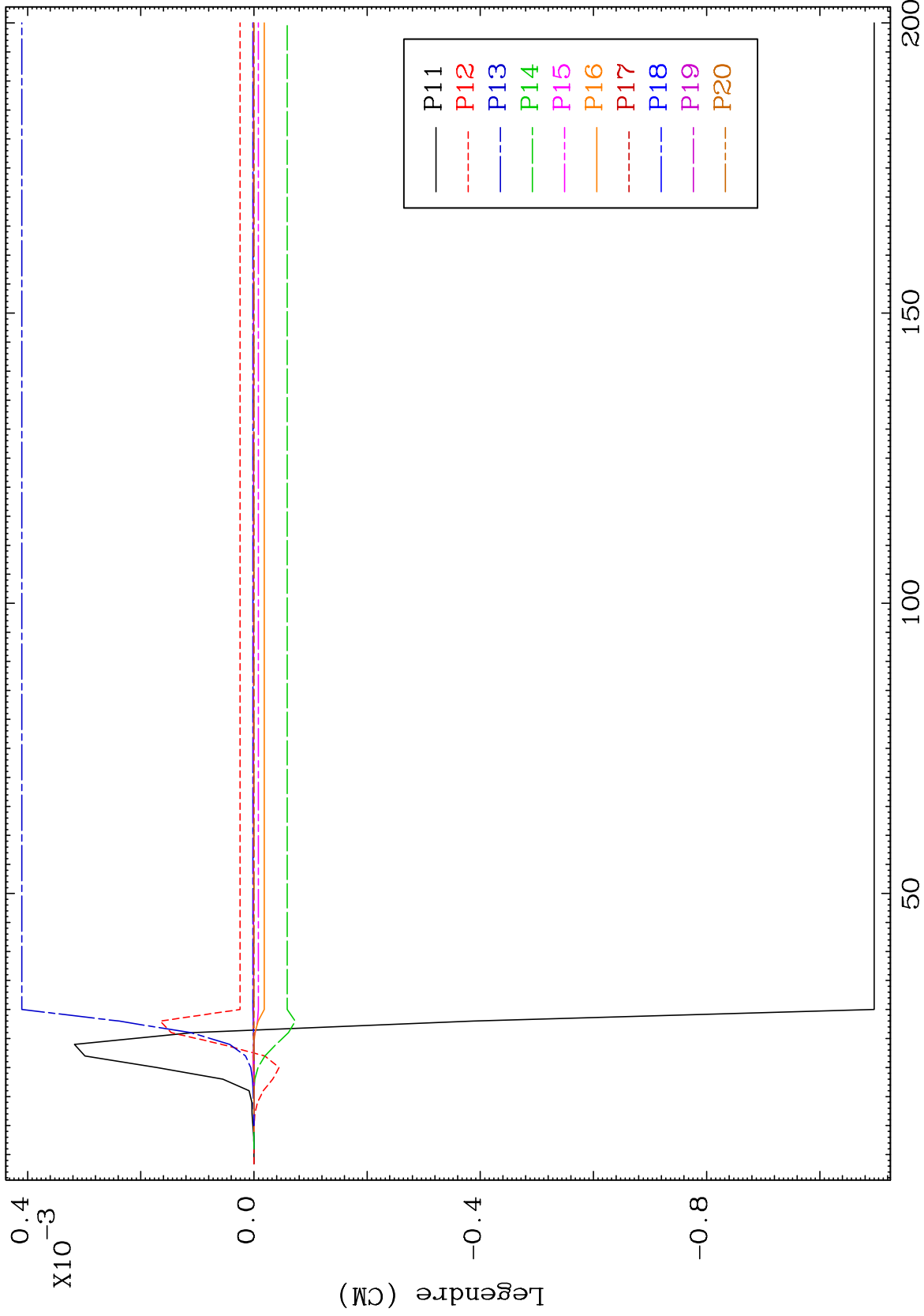
53-I -111



55

Incident Energy (MeV)

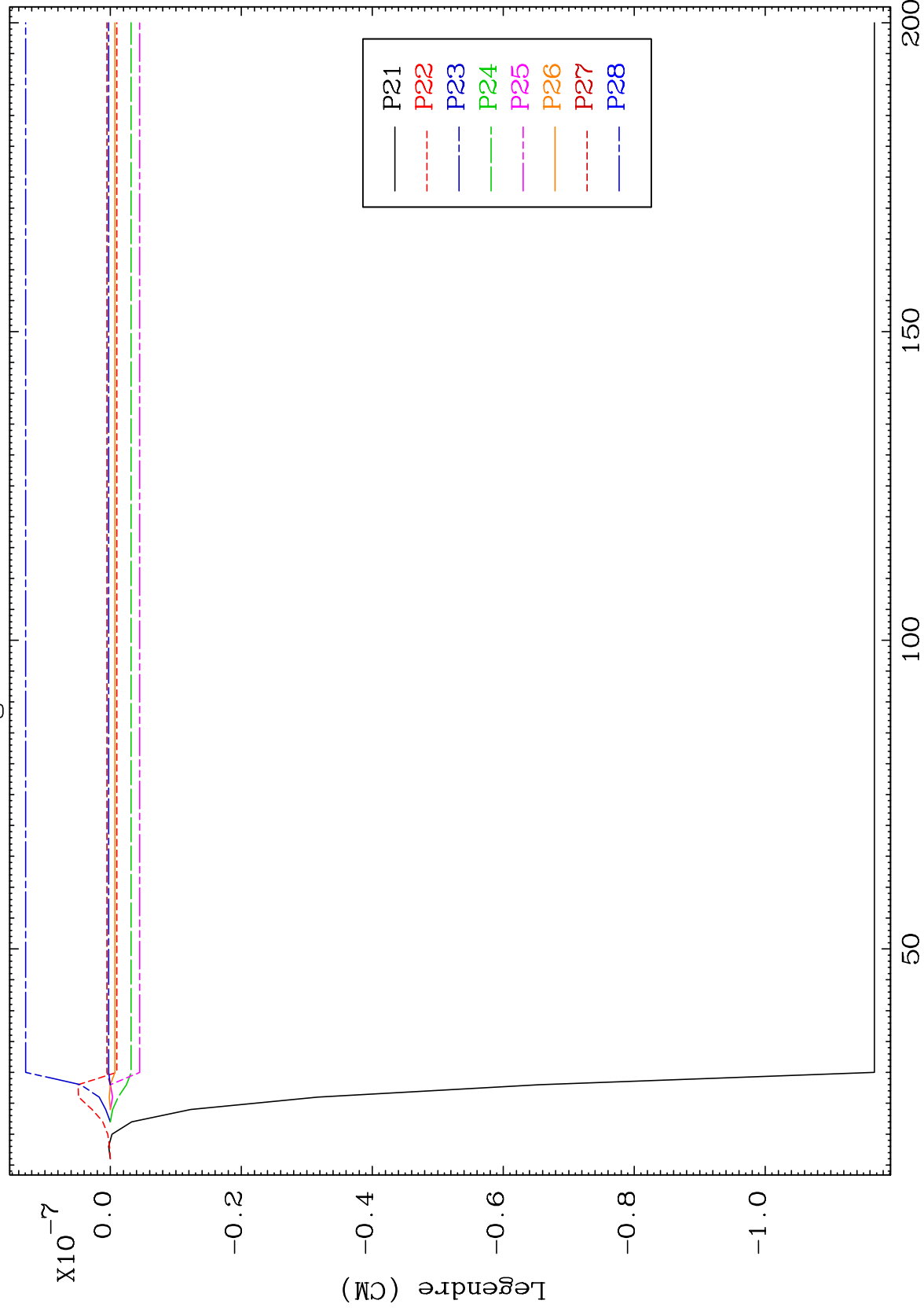
53-I -111



MAT 5277

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

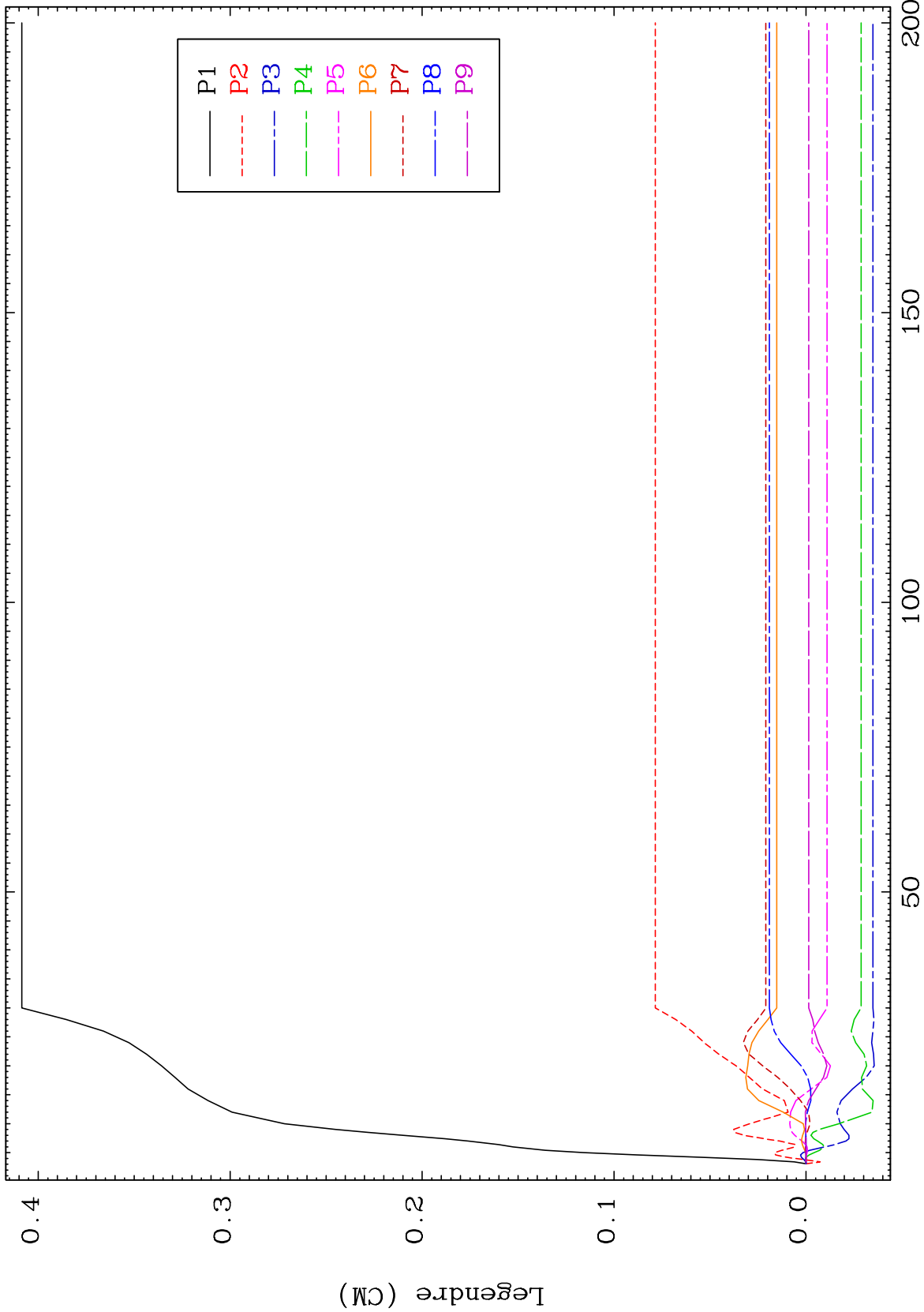
53-I -111

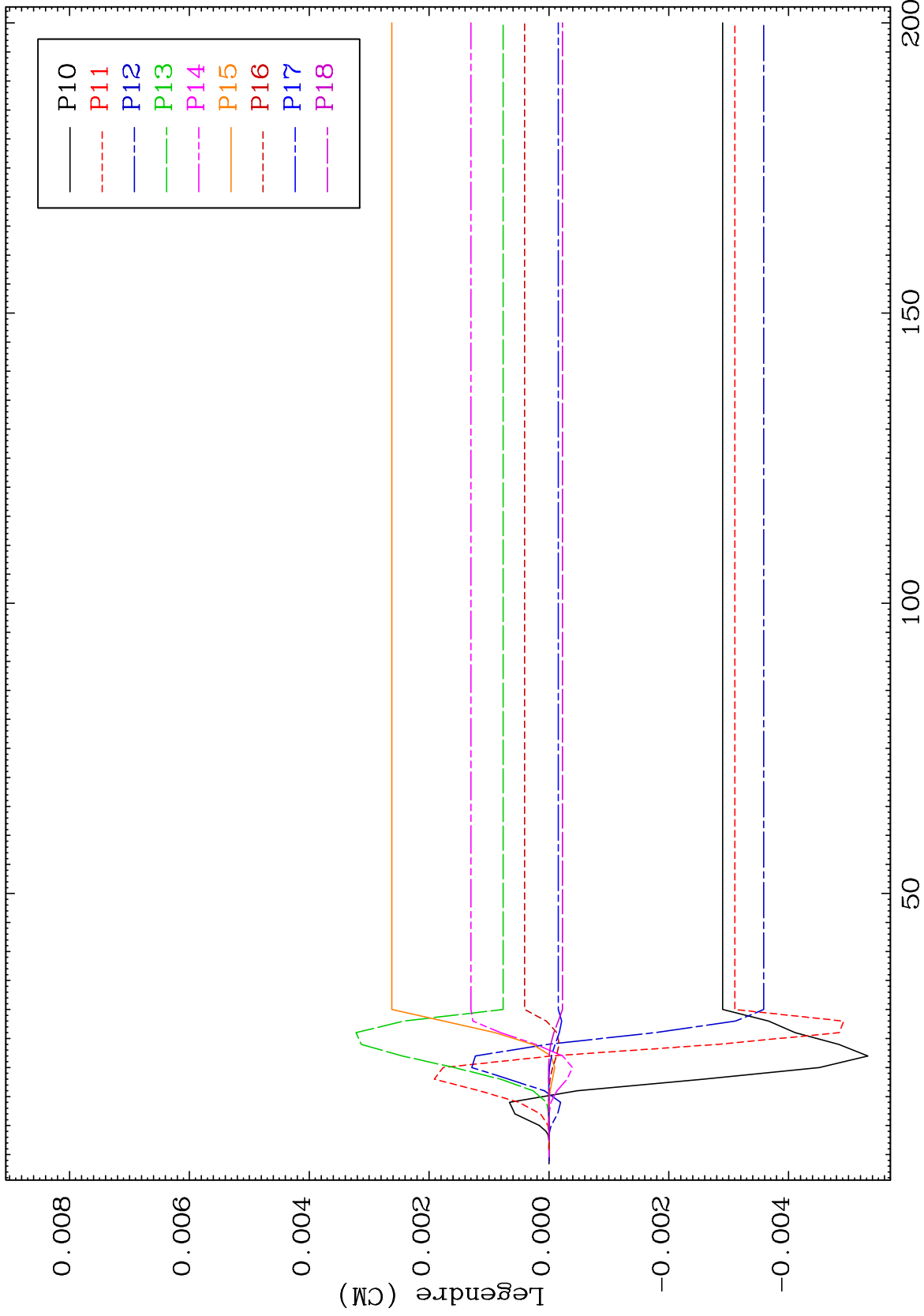


57

Incident Energy (MeV)

53-I -111

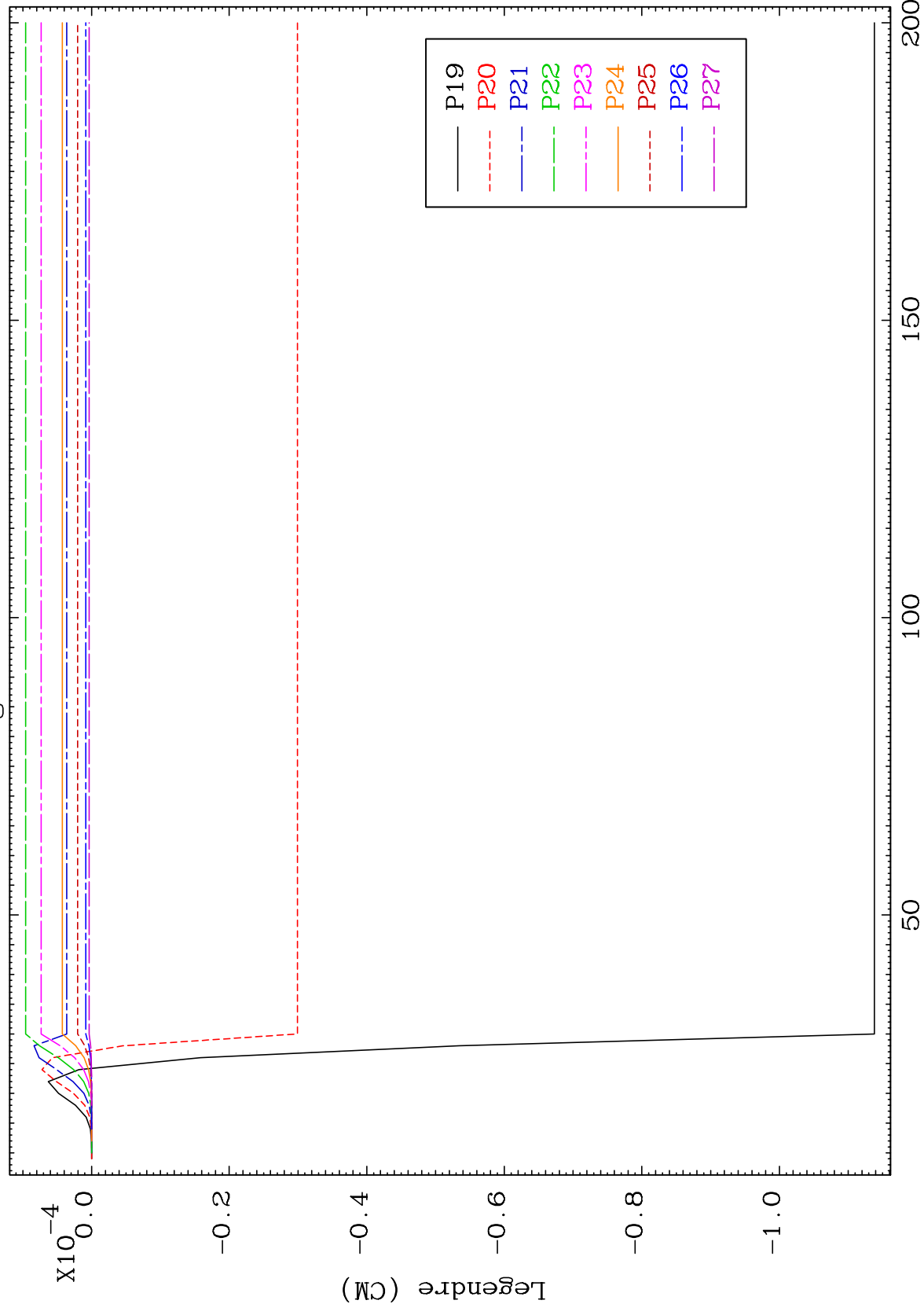




MAT 5277

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

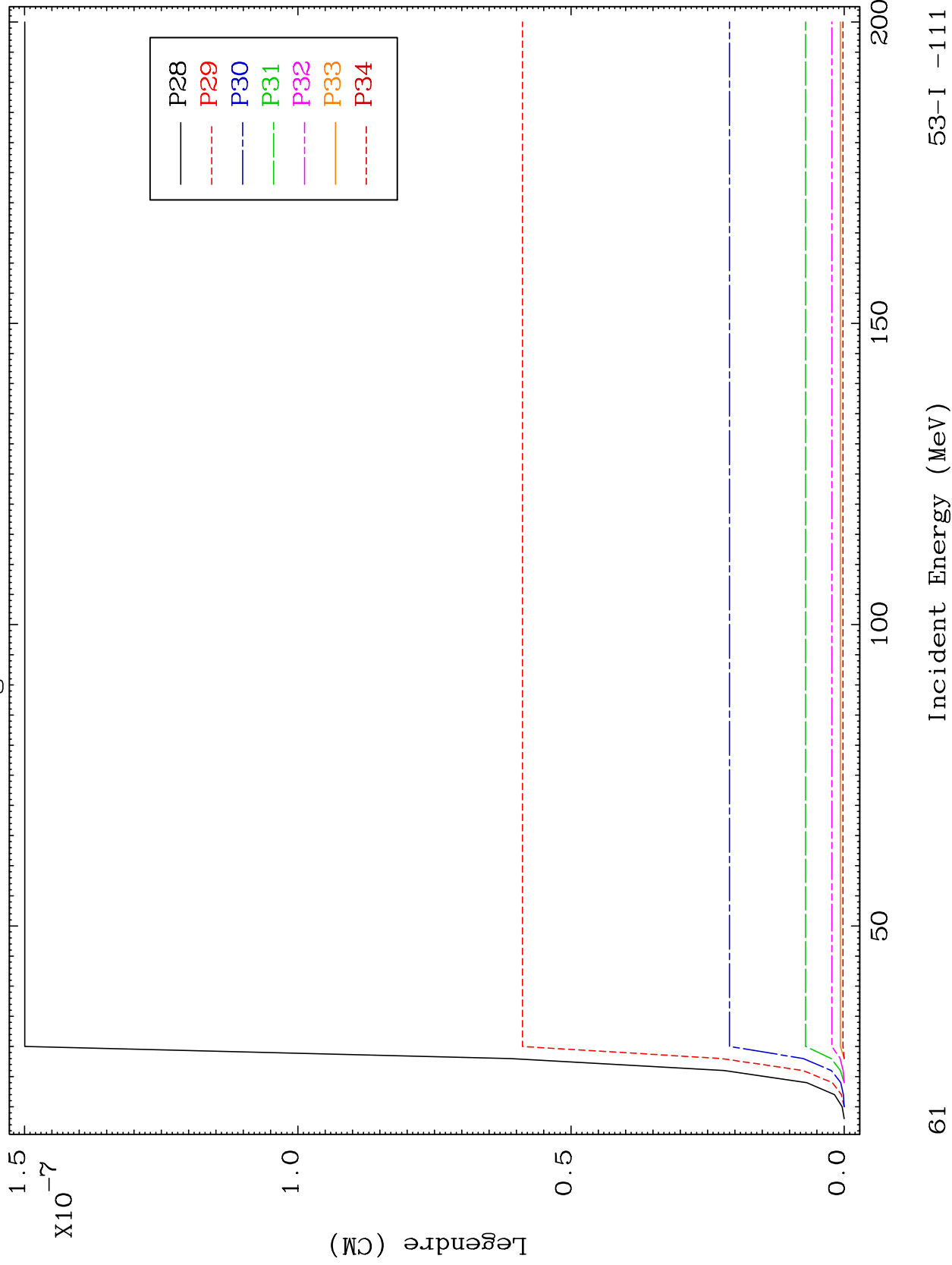
53-I -111



60

Incident Energy (MeV)

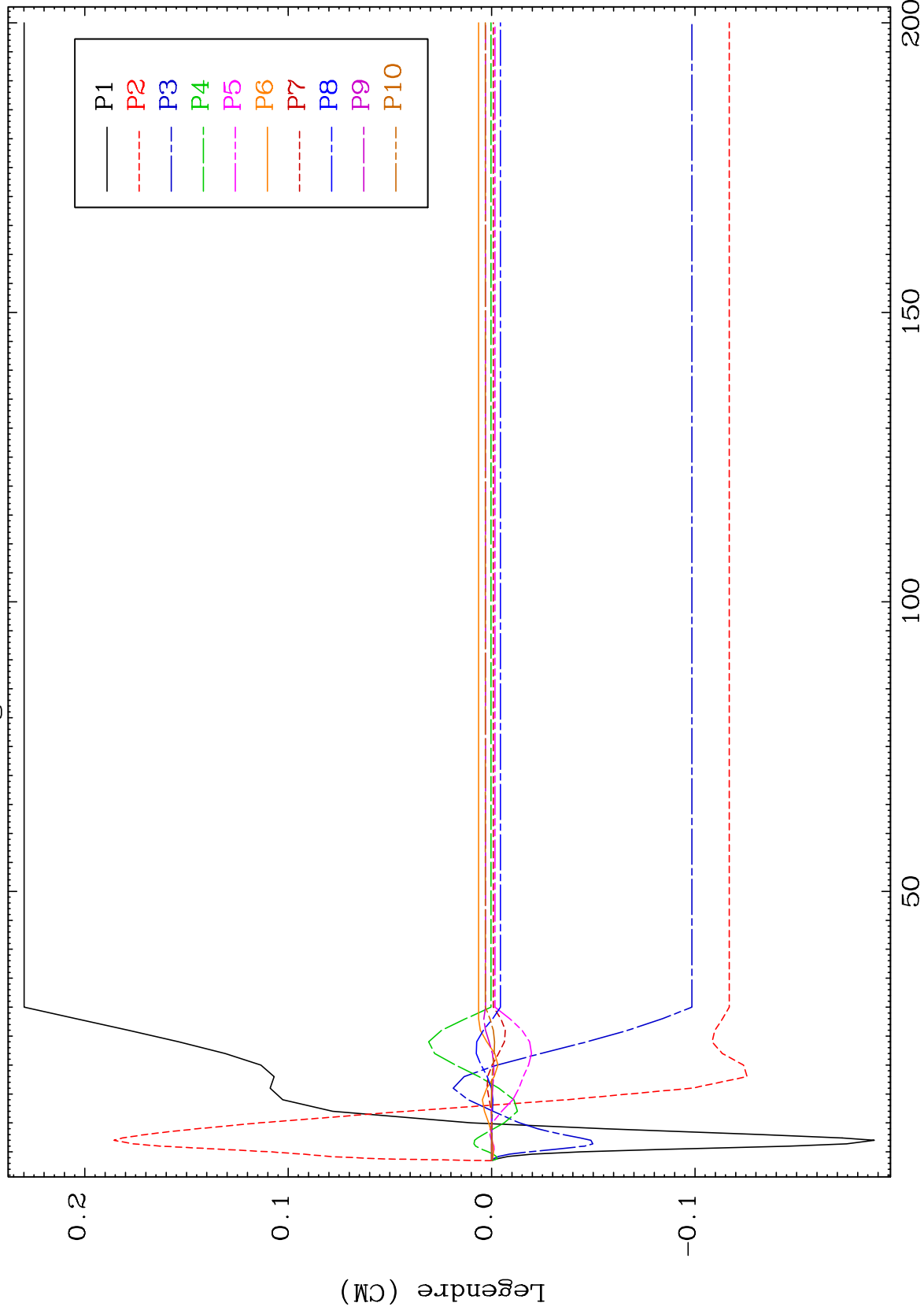
53-I -111



MAT 5277

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

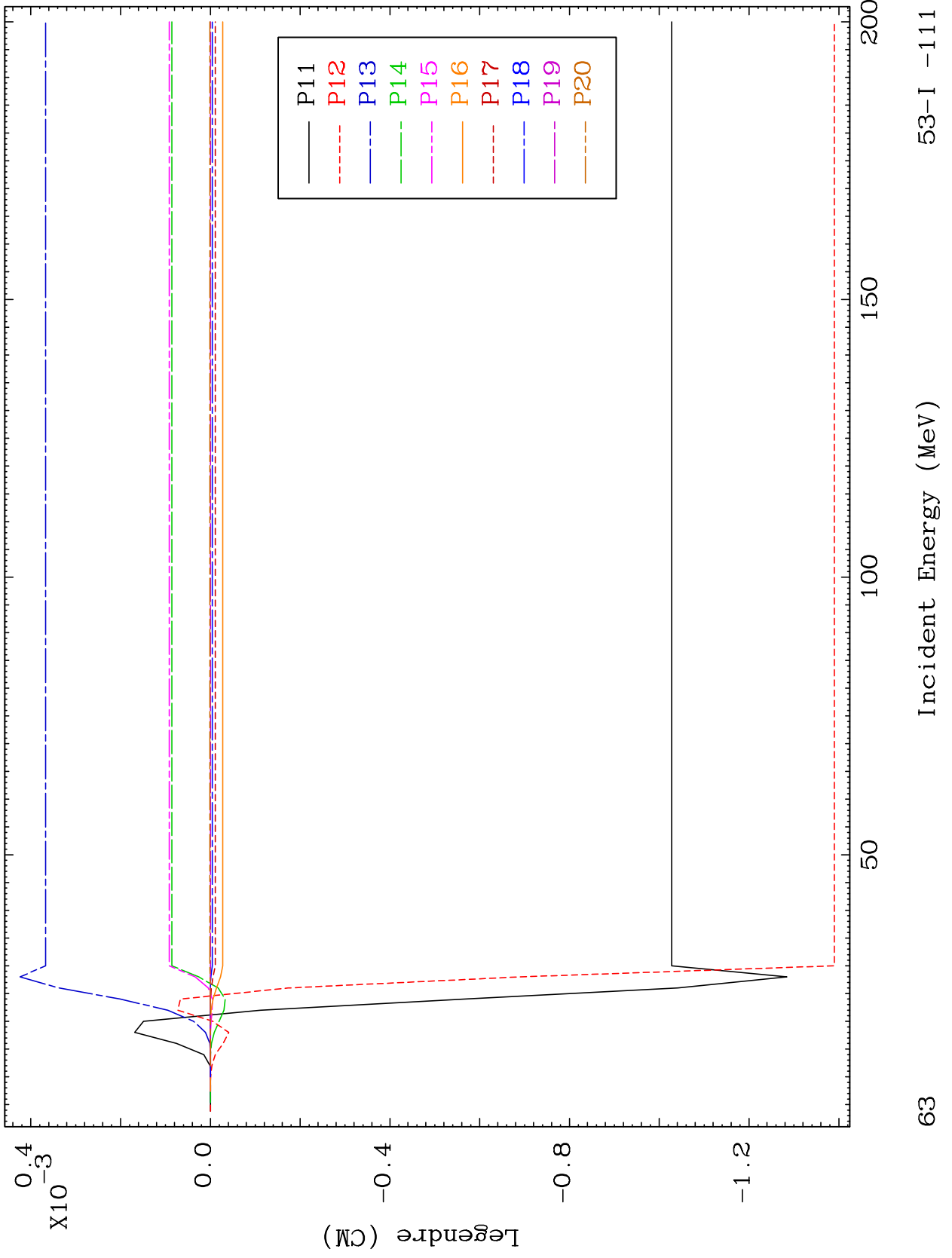
53-I -111

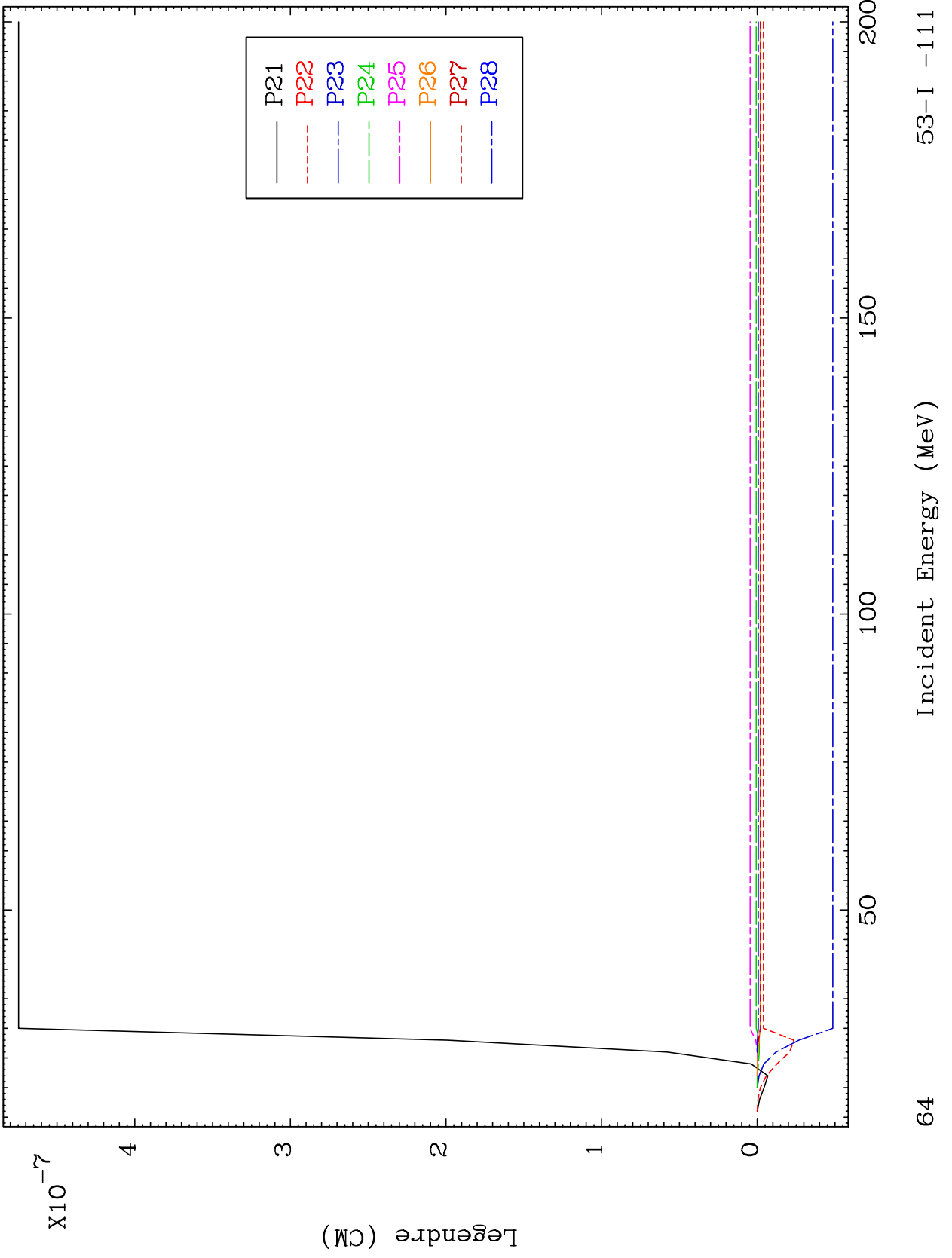


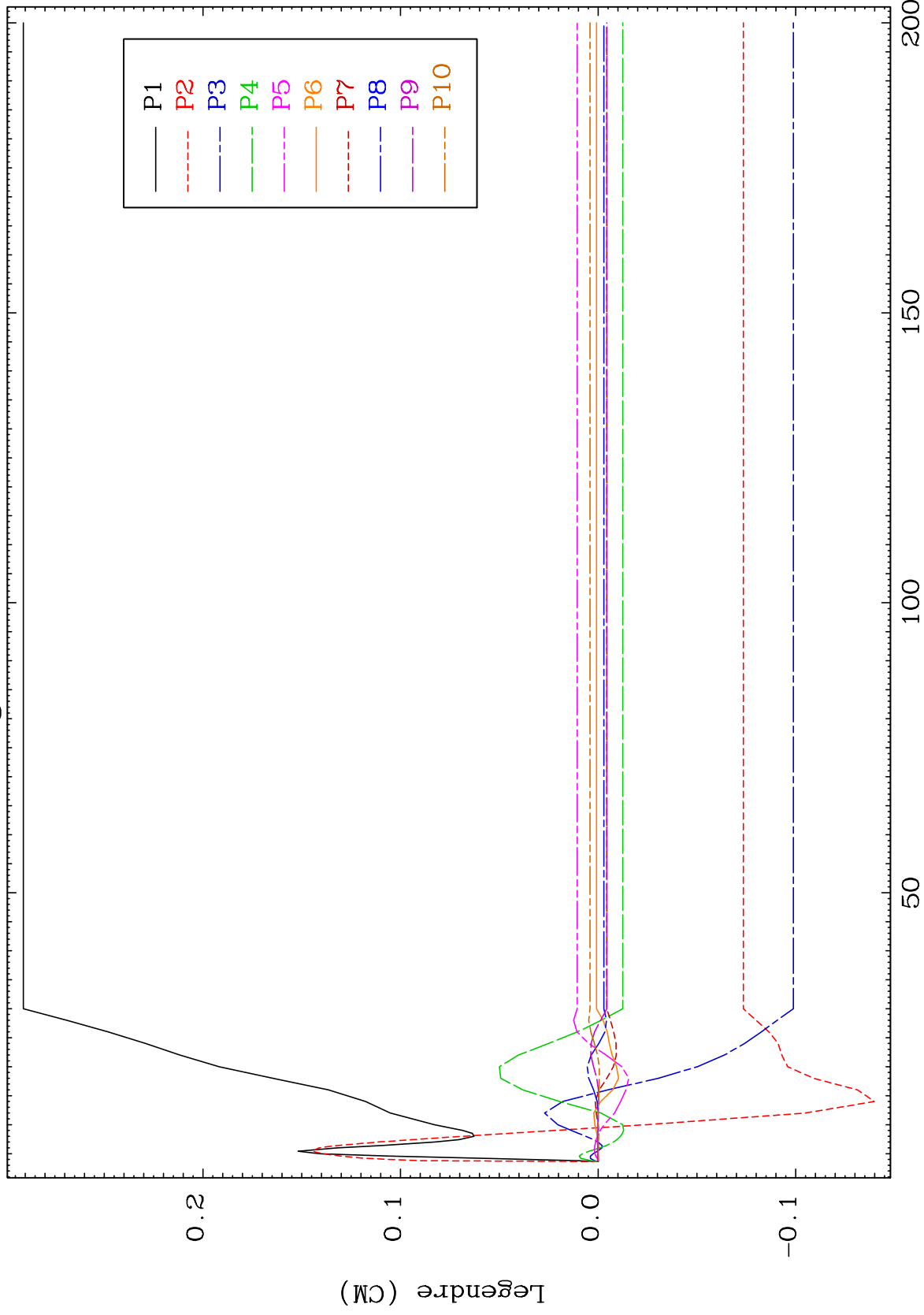
62

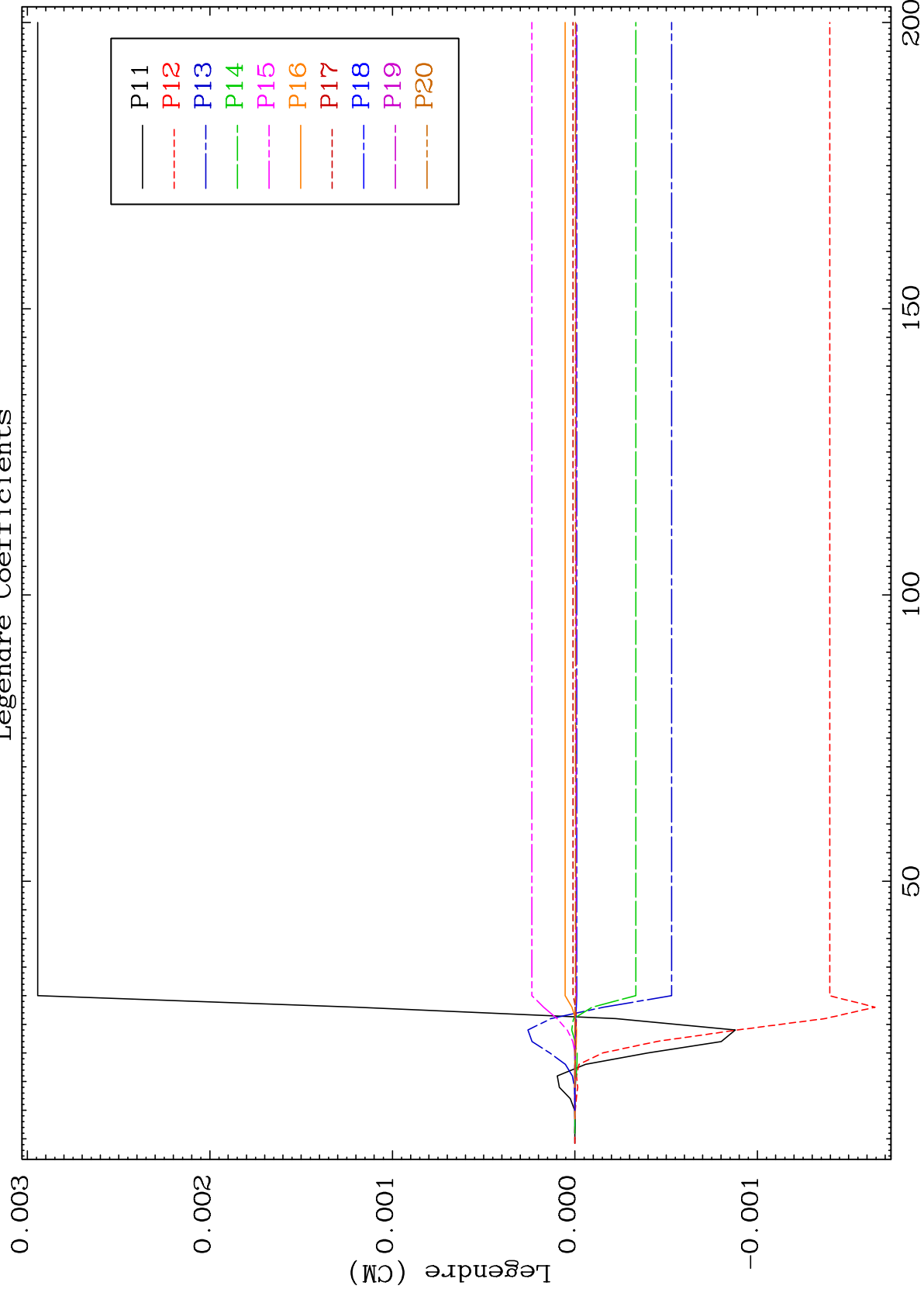
Incident Energy (MeV)

53-I -111





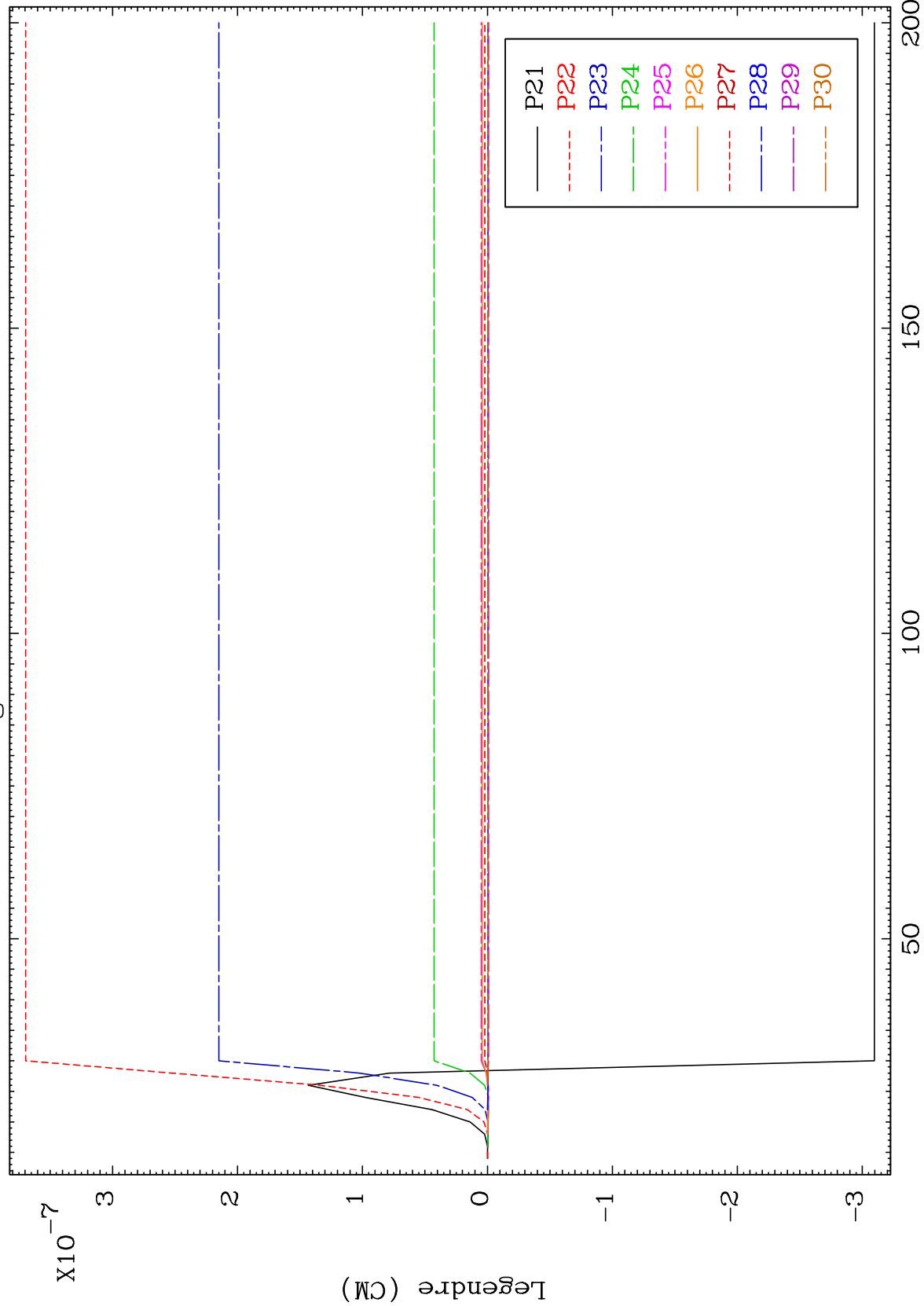




MAT 5277

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

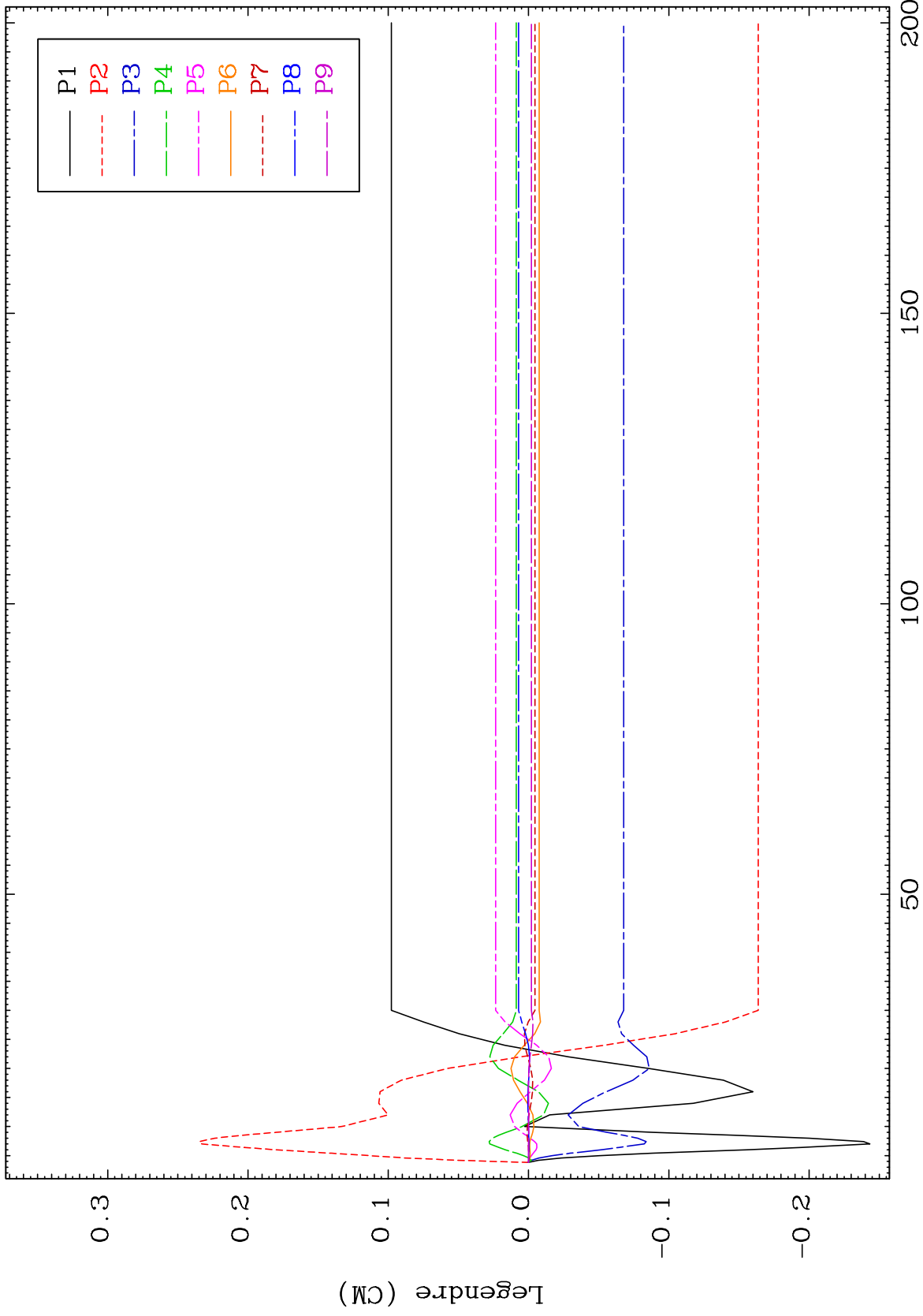
53-I -111

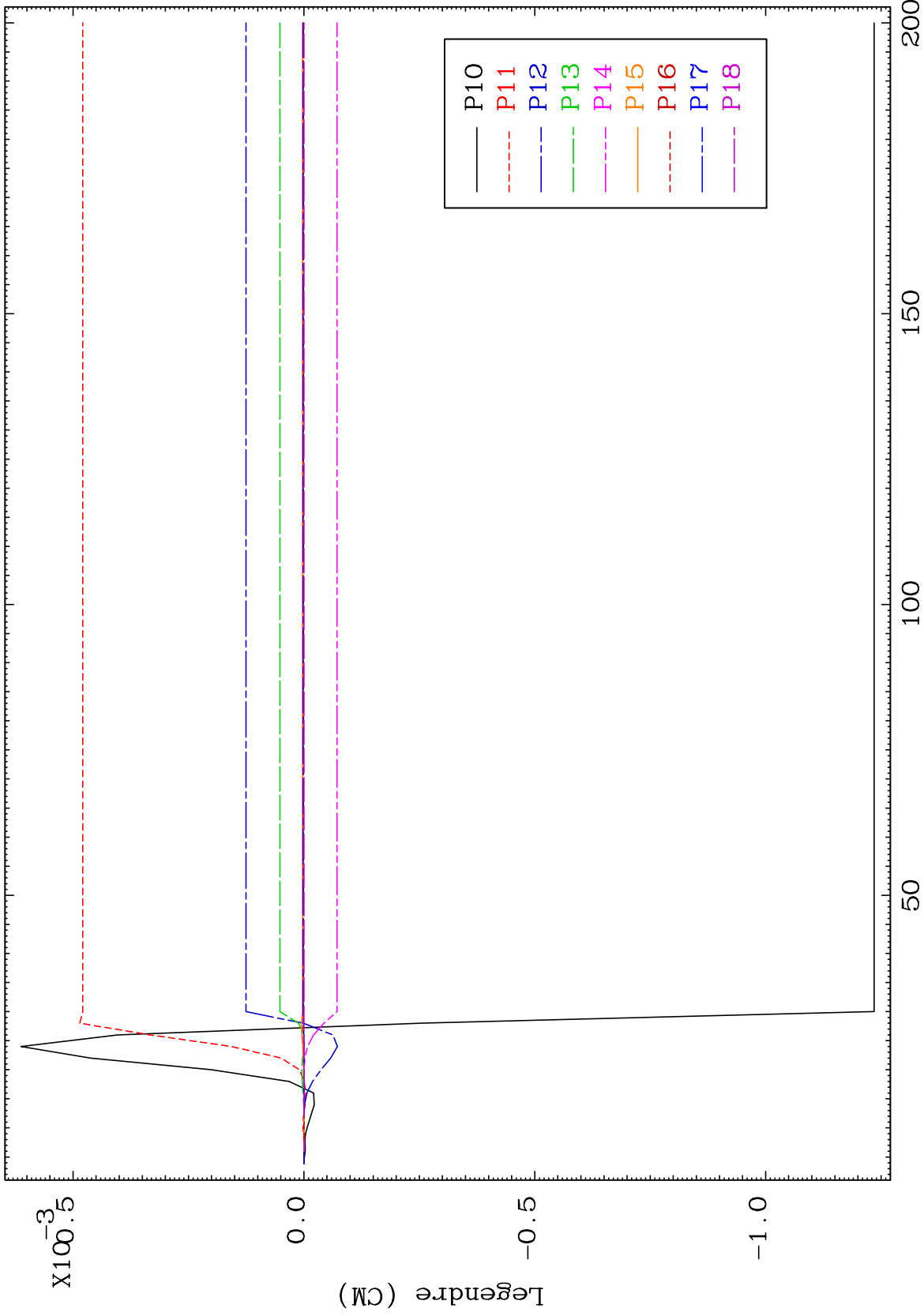


67

Incident Energy (MeV)

53-I -111

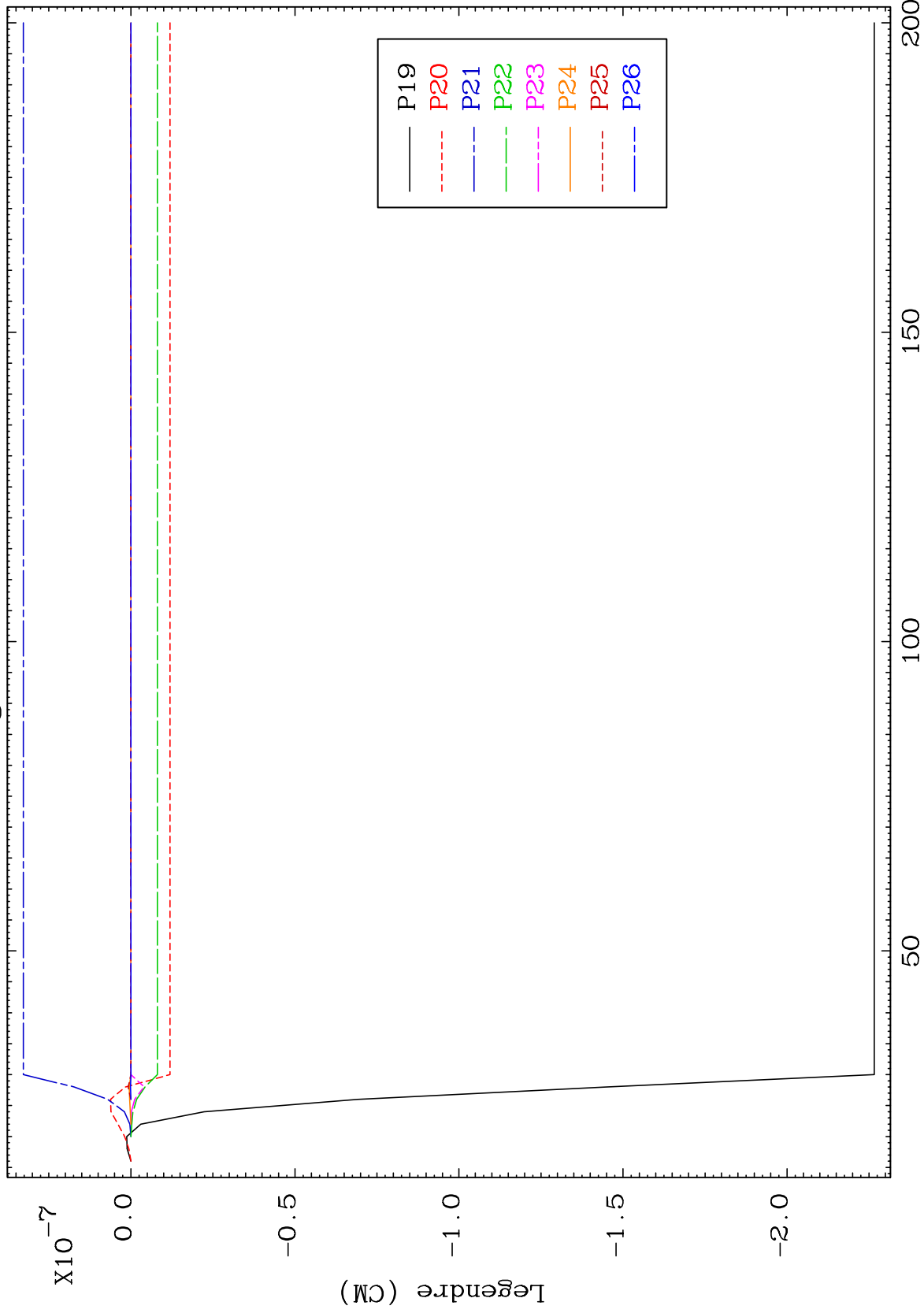




MAT 5277

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

53-I -111



70

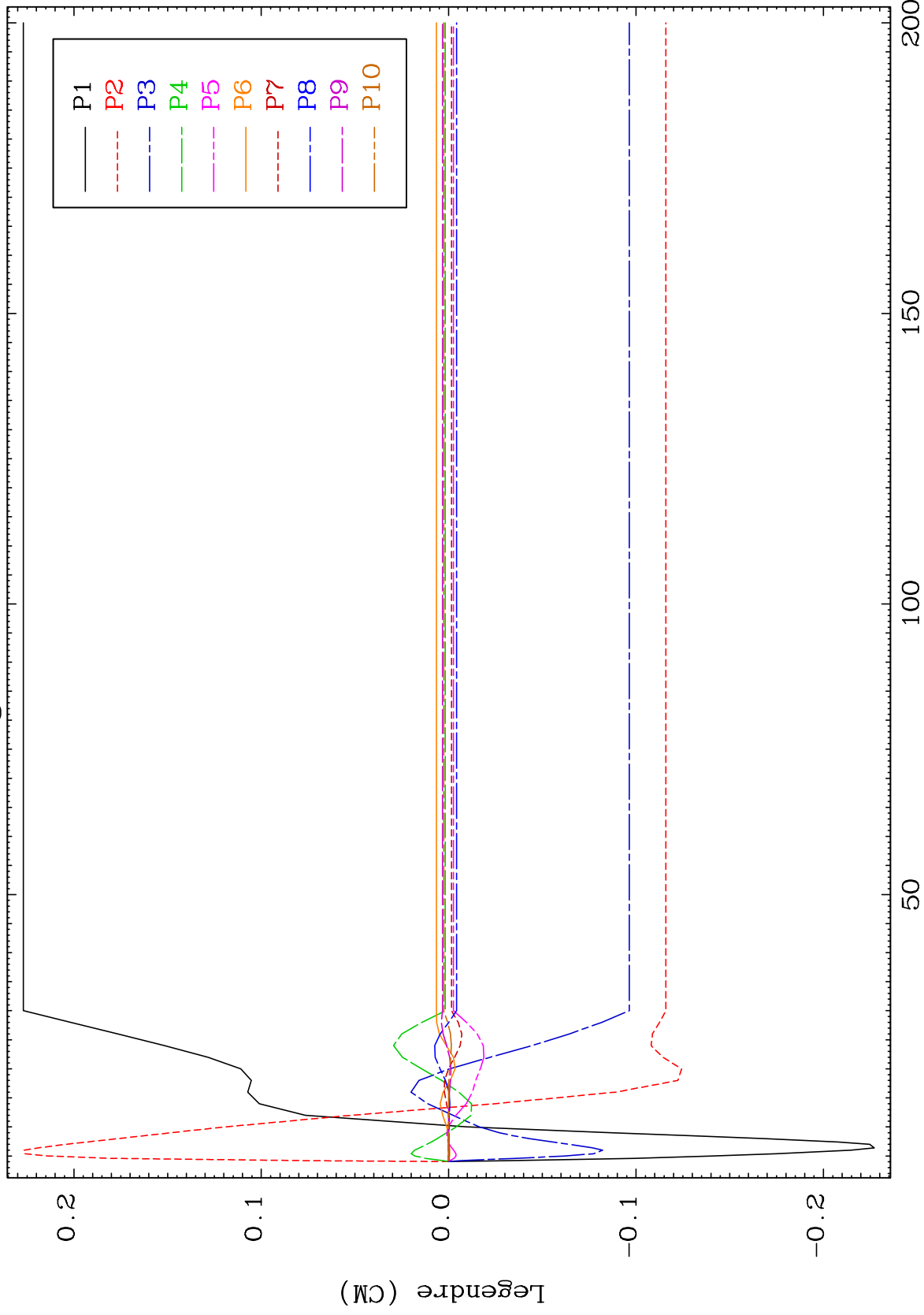
Incident Energy (MeV)

53-I -111

MAT 5277

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

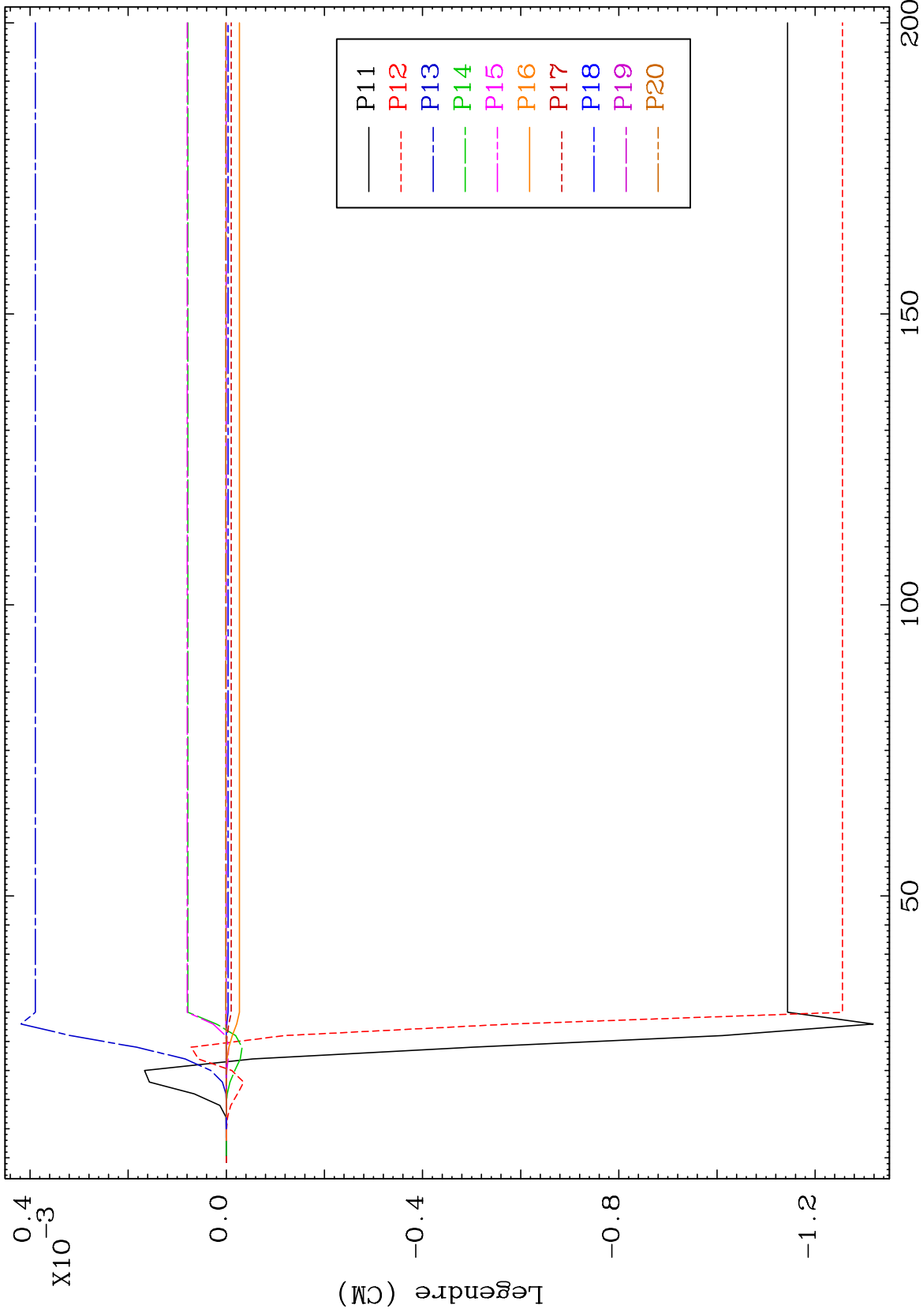
53-I -111



71

Incident Energy (MeV)

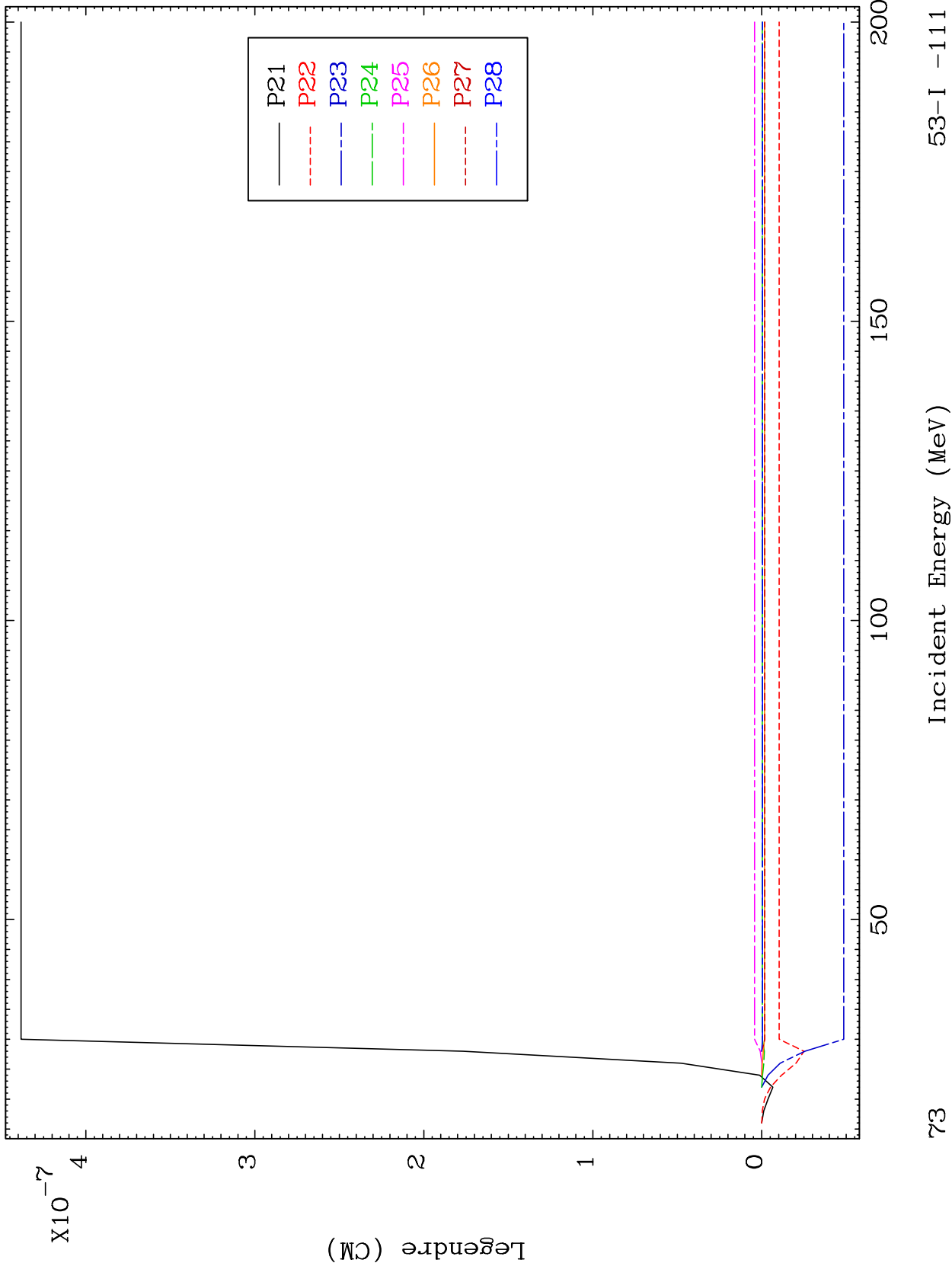
53-I -111



MAT 5277

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

53-I -111



73

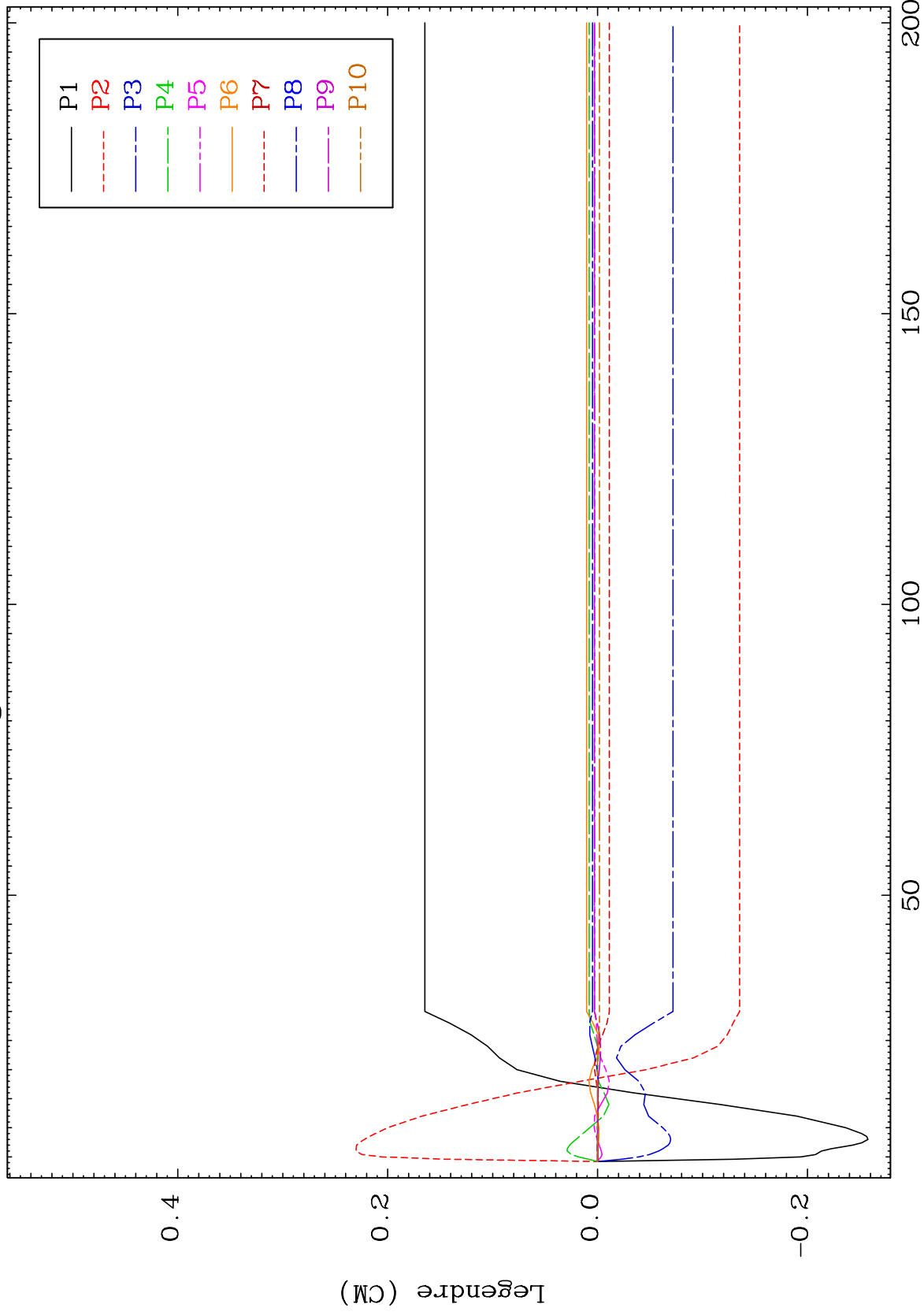
Incident Energy (MeV)

53-I -111

MAT 5277

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

53-I -111



74

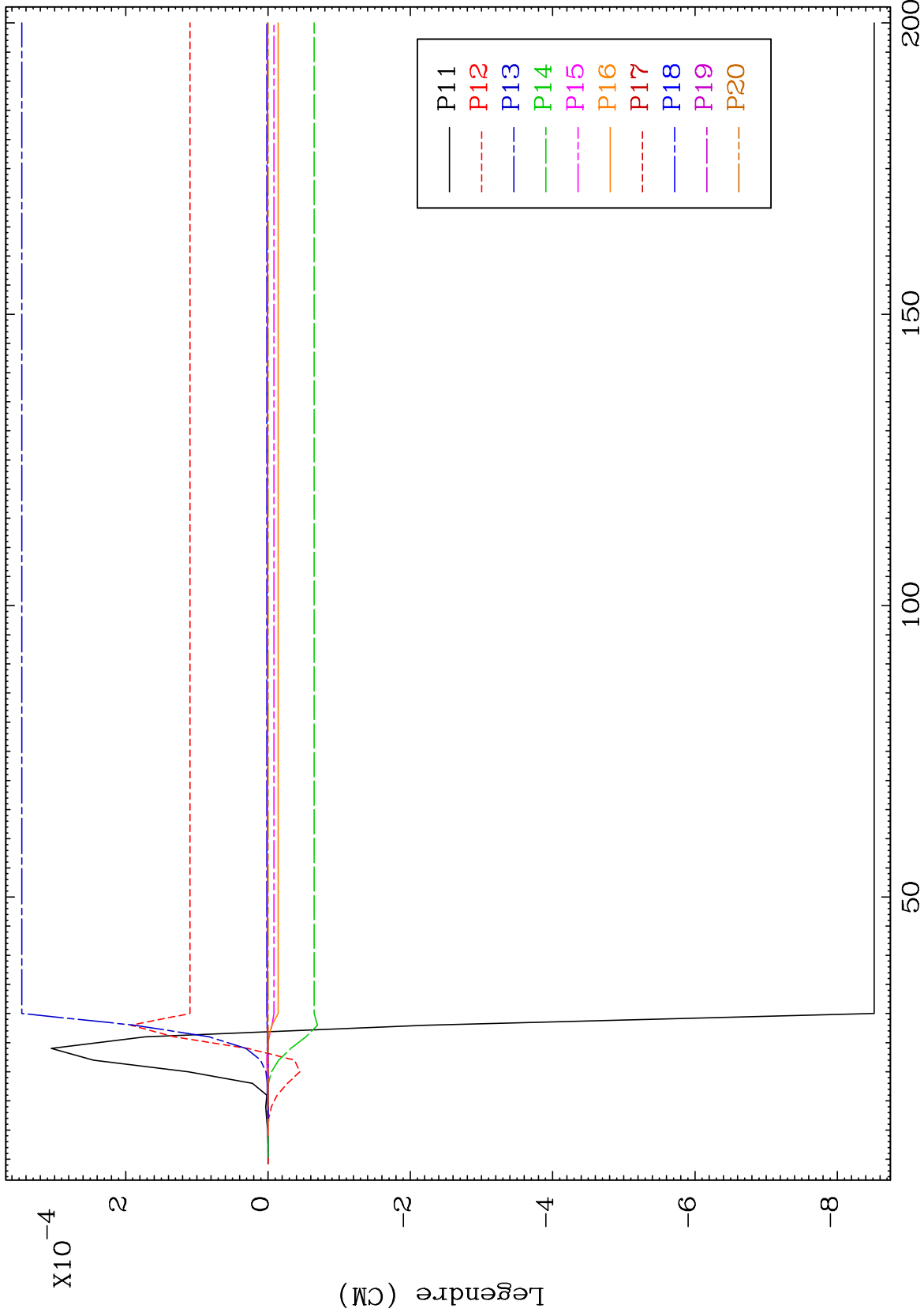
Incident Energy (MeV)

53-I -111

MAT 5277

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

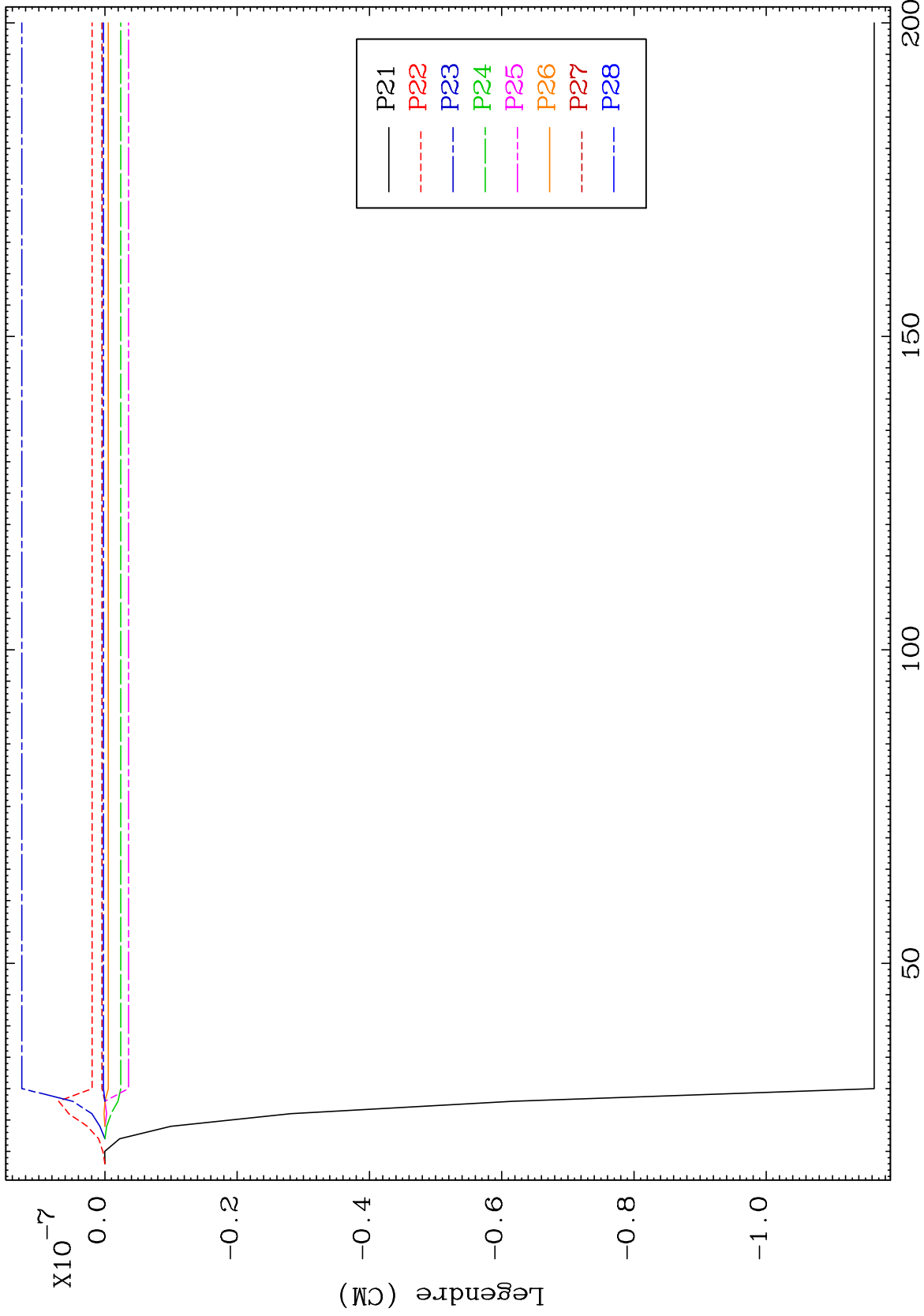
53-I -111

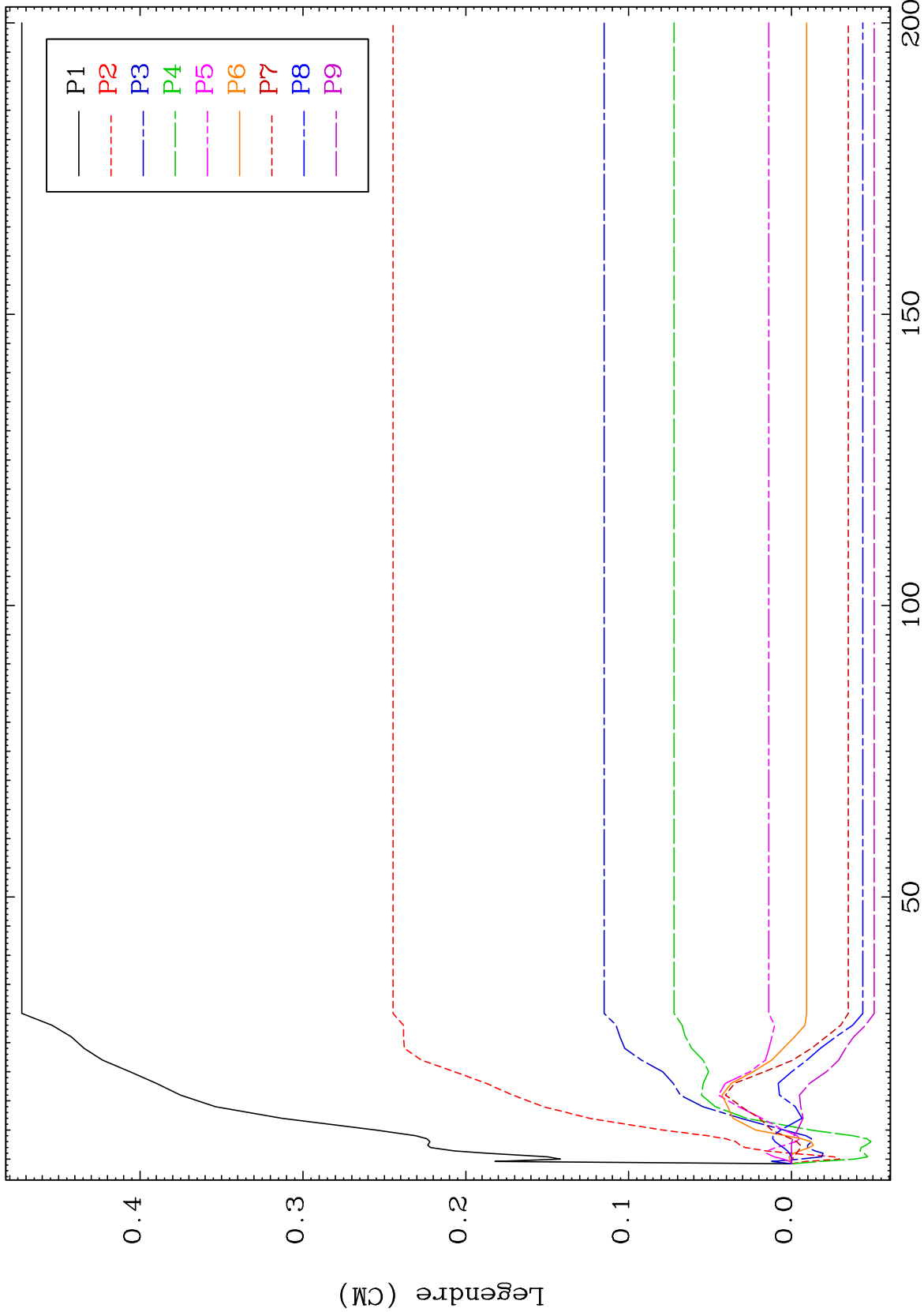


75

Incident Energy (MeV)

53-I -111

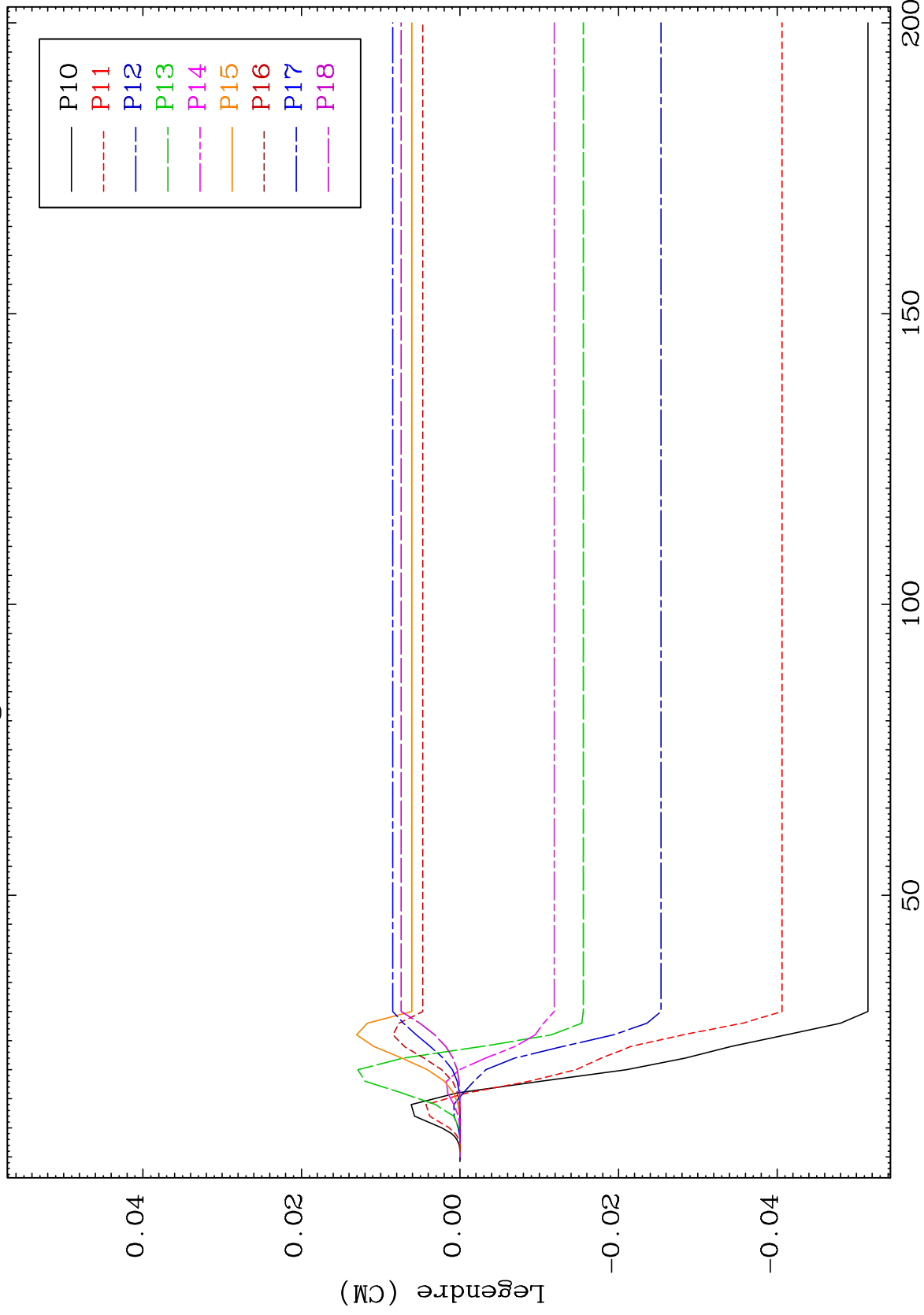




MAT 5277

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

53-I -111



78

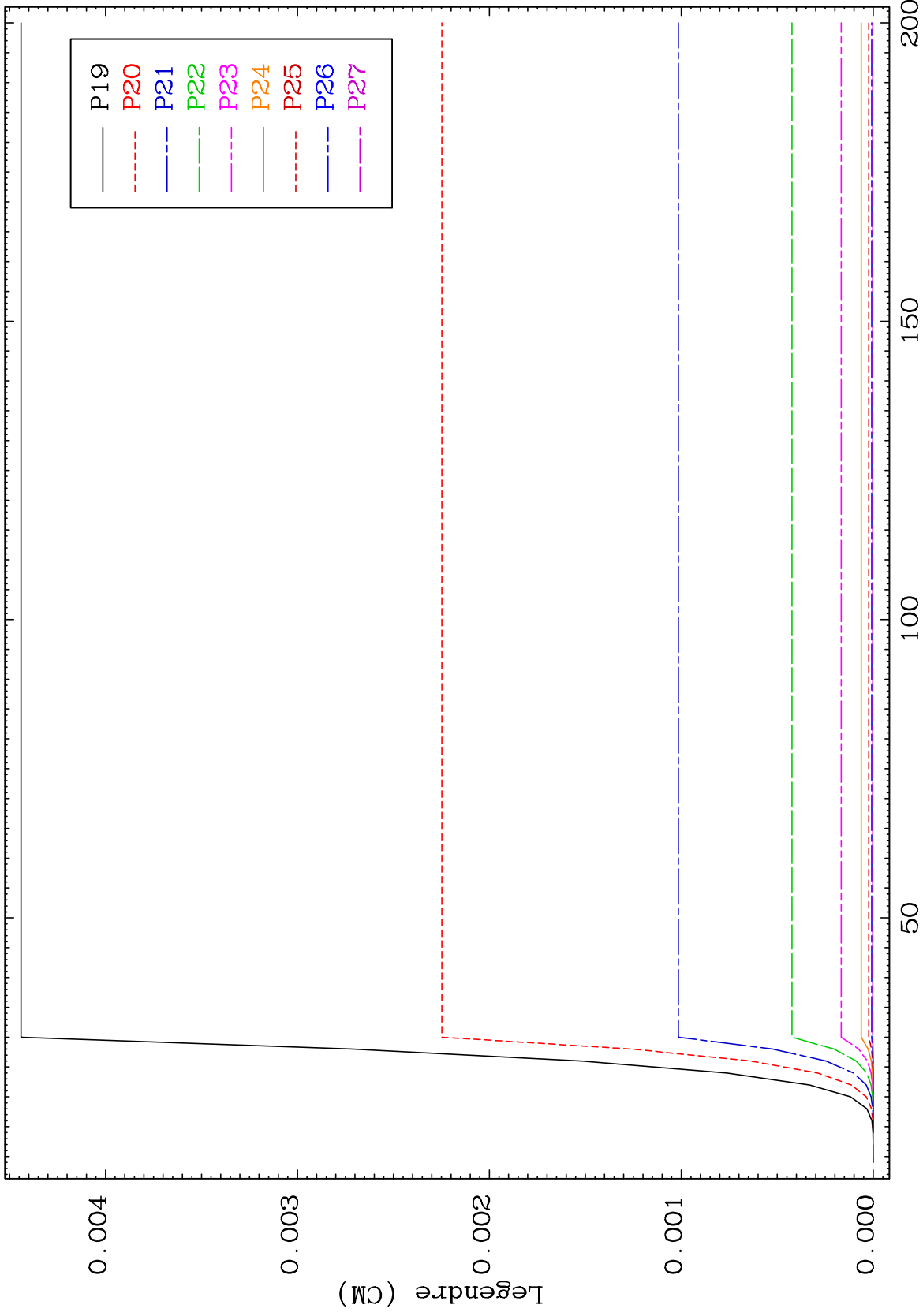
Incident Energy (MeV)

53-I -111

MAT 5277

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

53-I -111



79

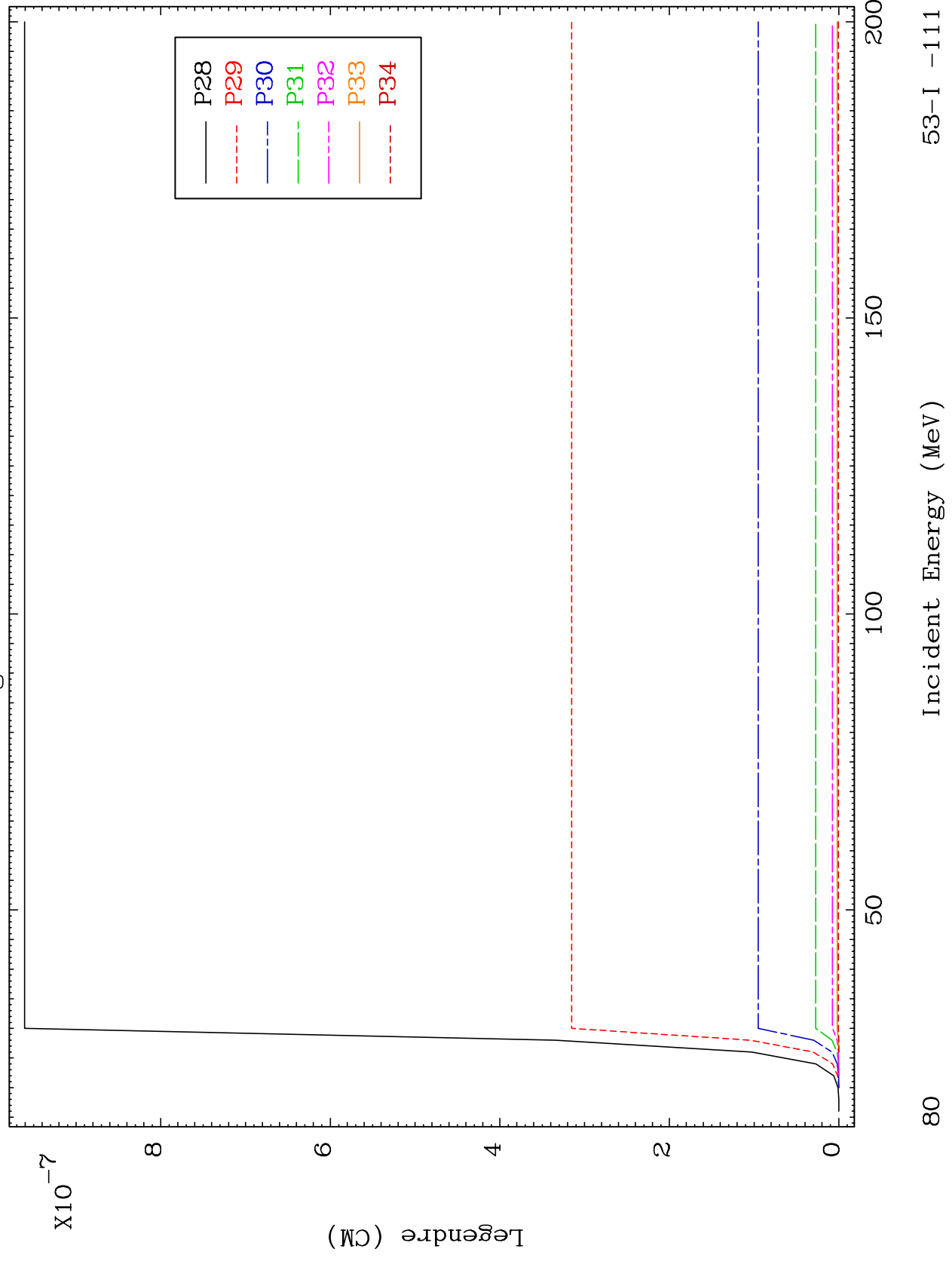
Incident Energy (MeV)

53-I -111

MAT 5277

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

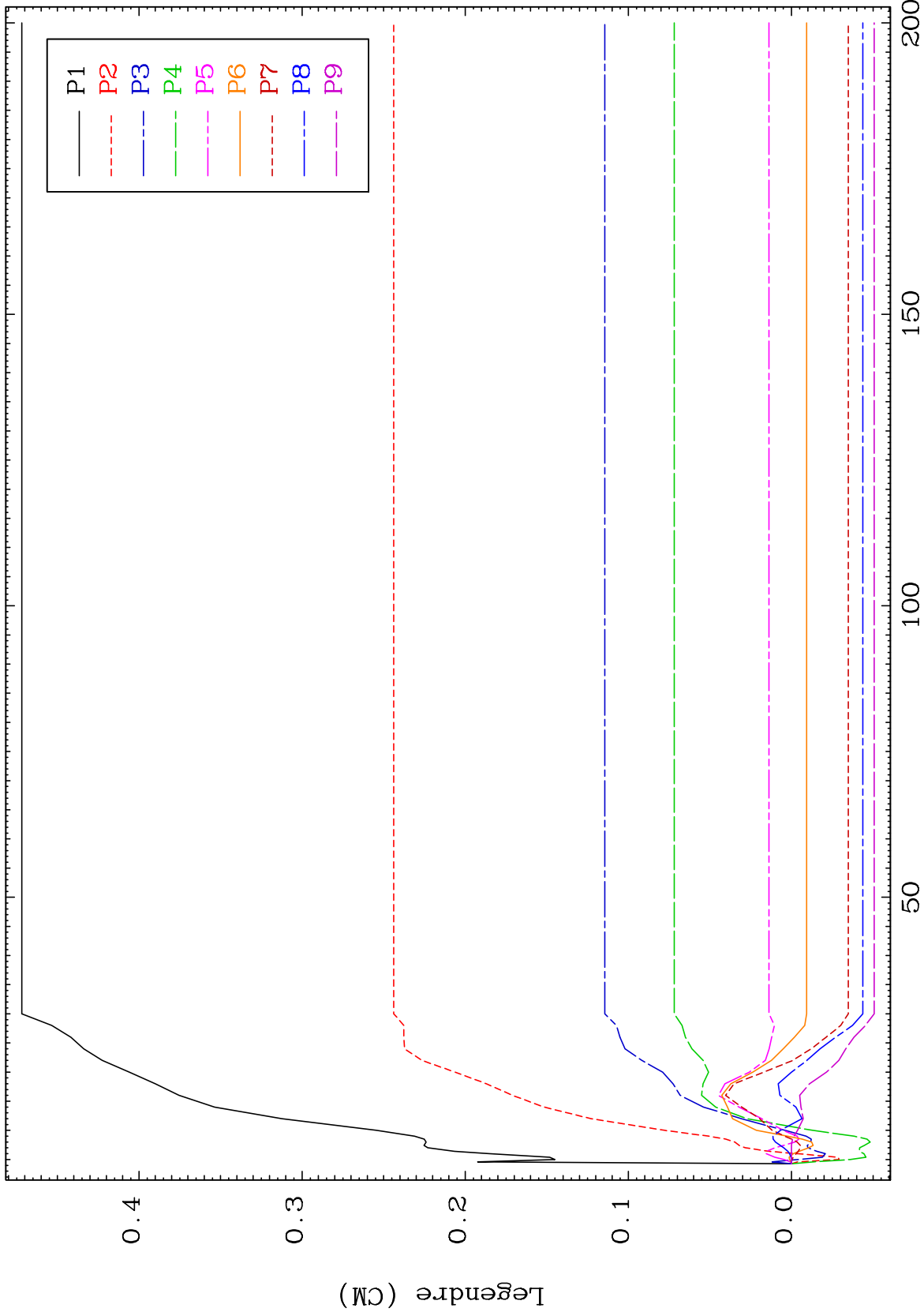
53-I -111



53-I -111

Incident Energy (MeV)

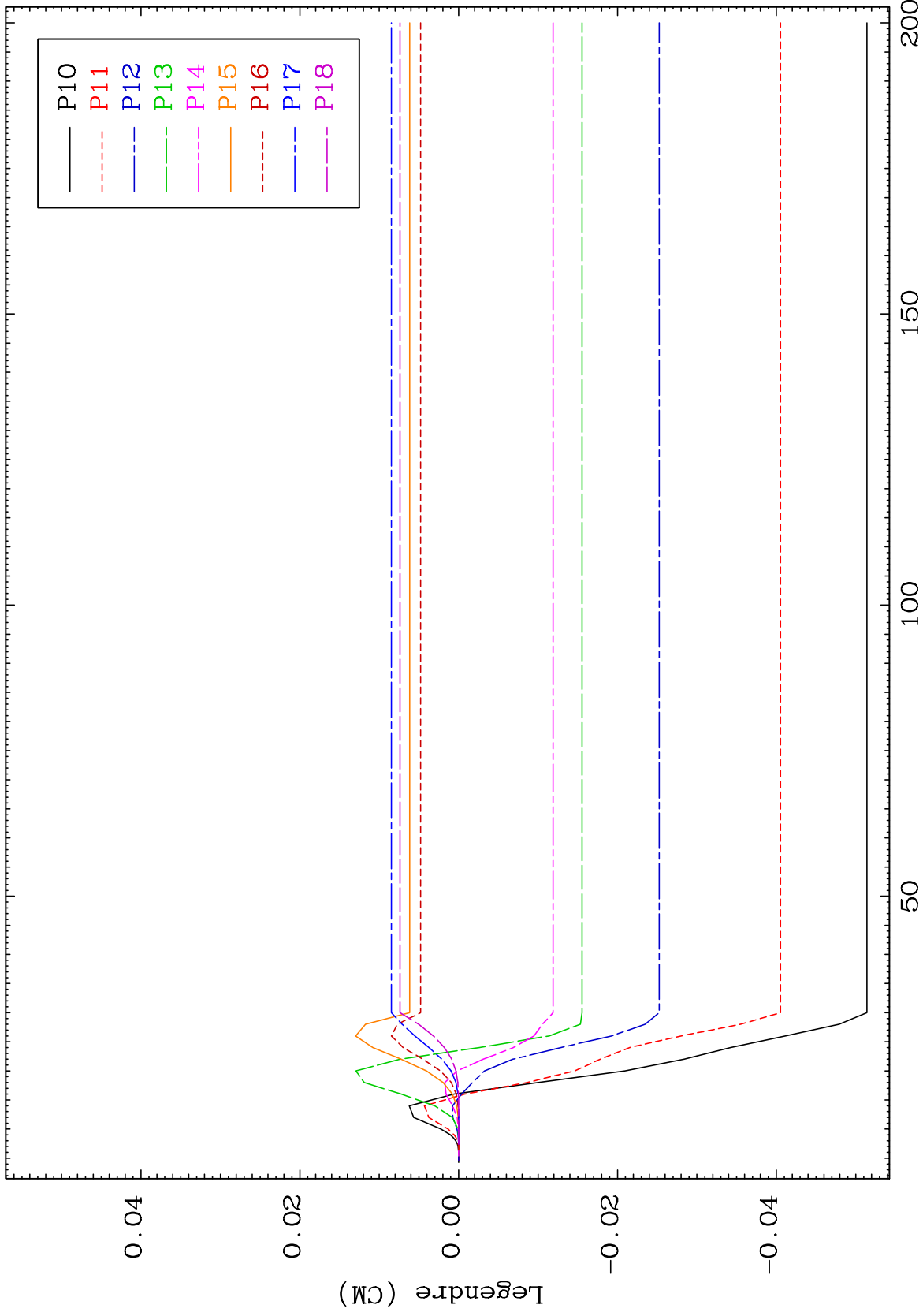
80



MAT 5277

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

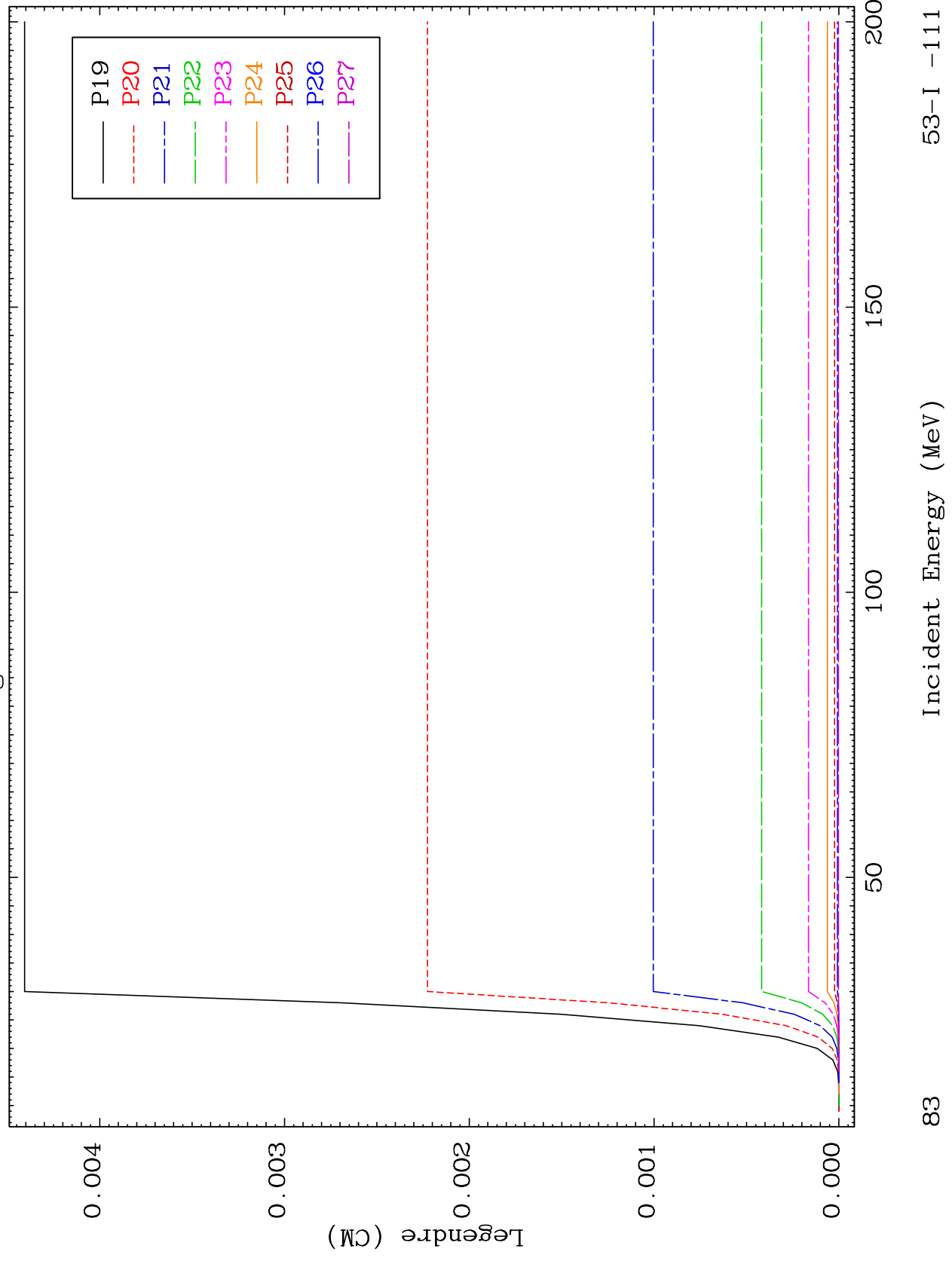
53-I -111



82

Incident Energy (MeV)

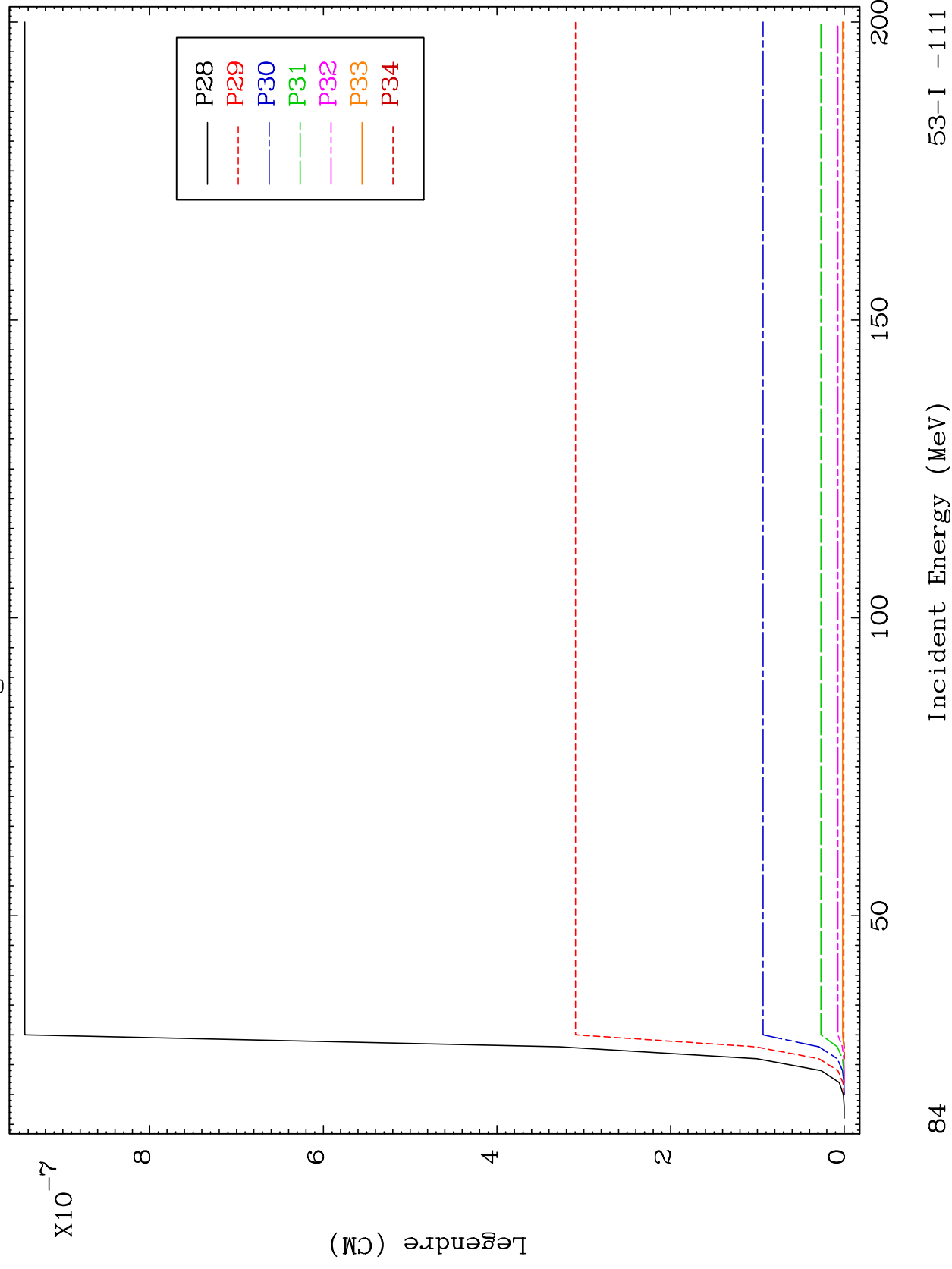
53-I -111



MAT 5277

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

53-I -111

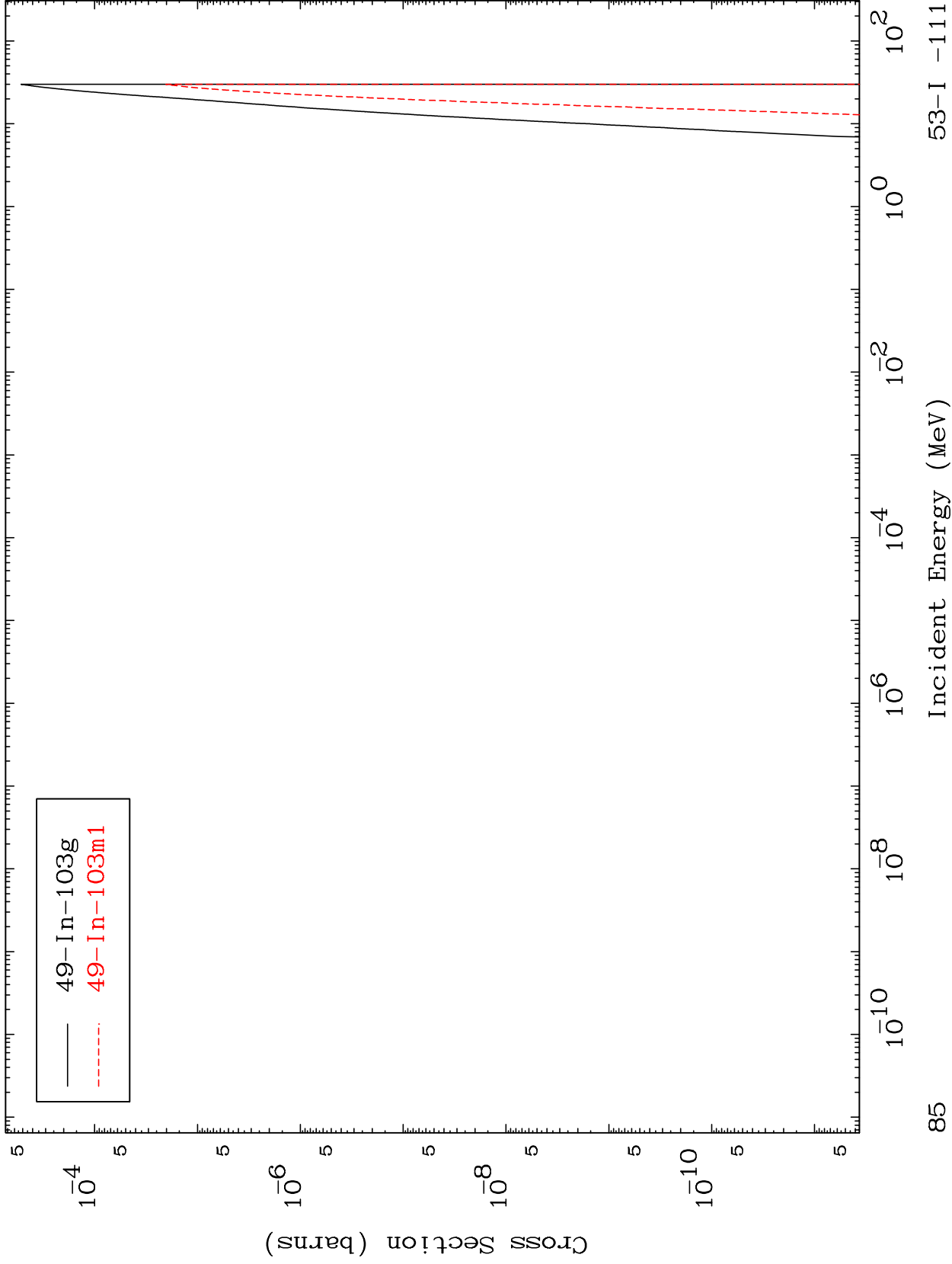


84

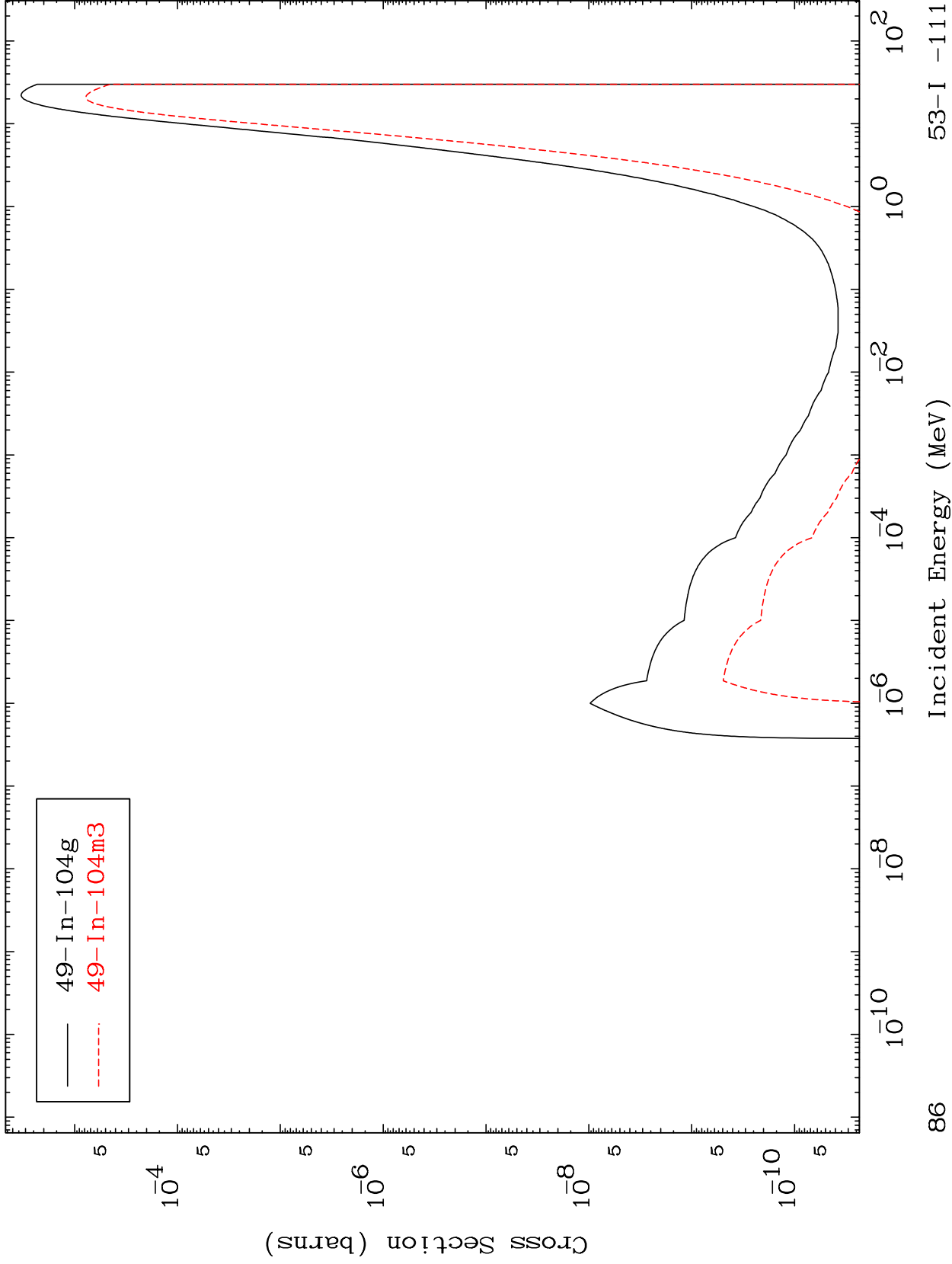
Incident Energy (MeV)

53-I -111

Radionuclide Production Cross Section



Radionuclide Production Cross Section

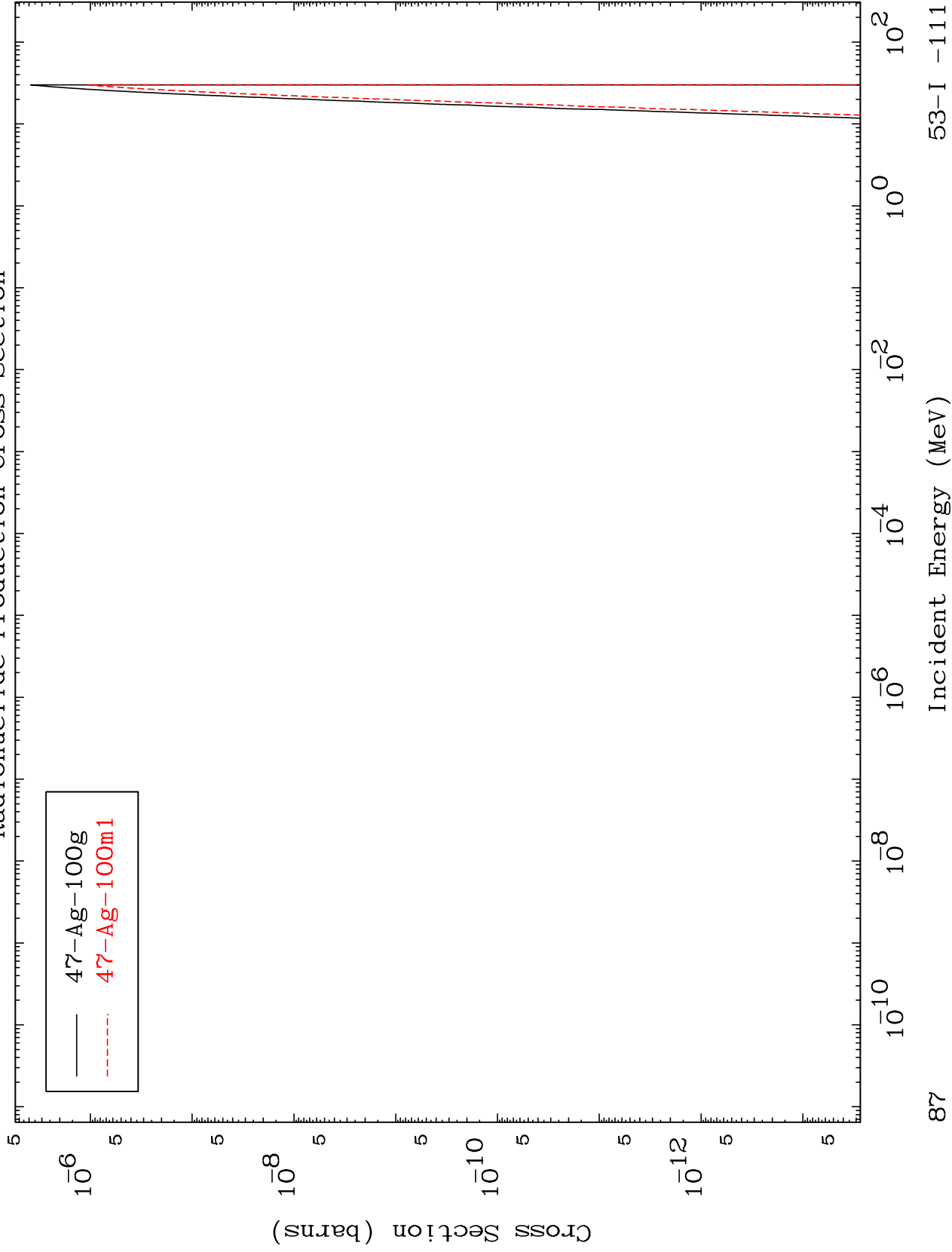


MAT 5277

(n,3 α)

53-I -111

Radionuclide Production Cross Section



— 47-Ag-100g
- - - 47-Ag-100m1