

Program EVALPLOT  
(Version 2015-2)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

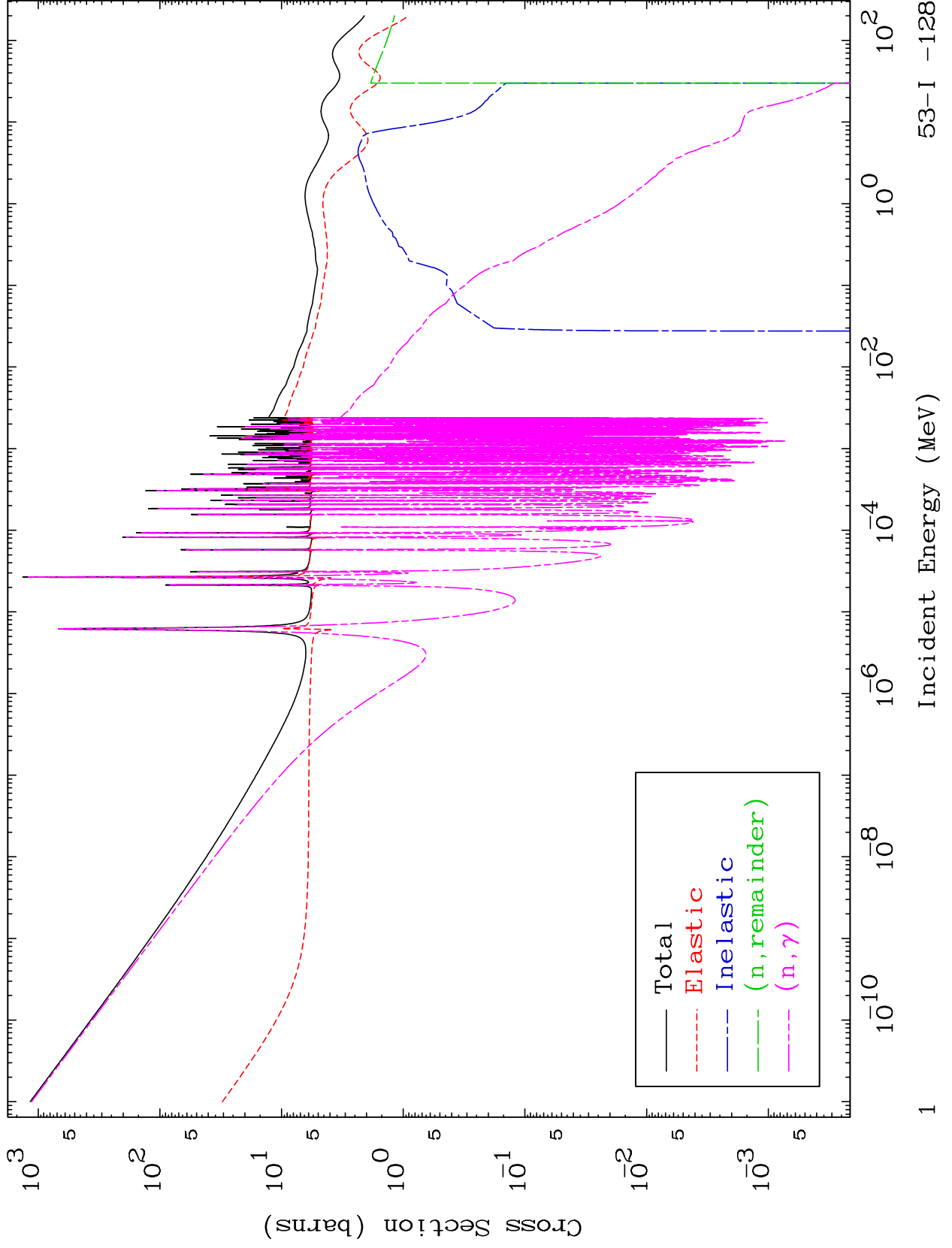
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

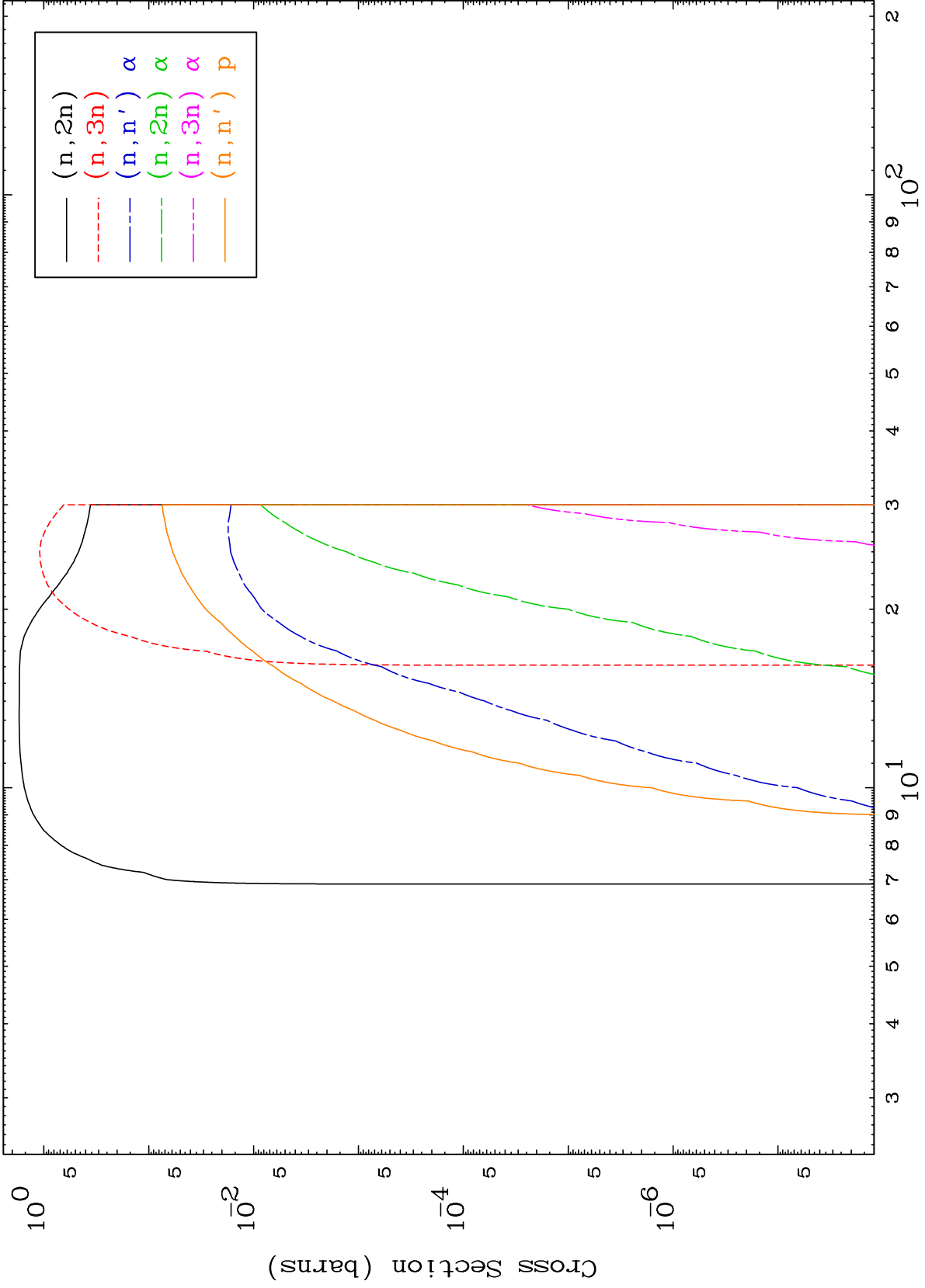
Press Mouse Button to Start

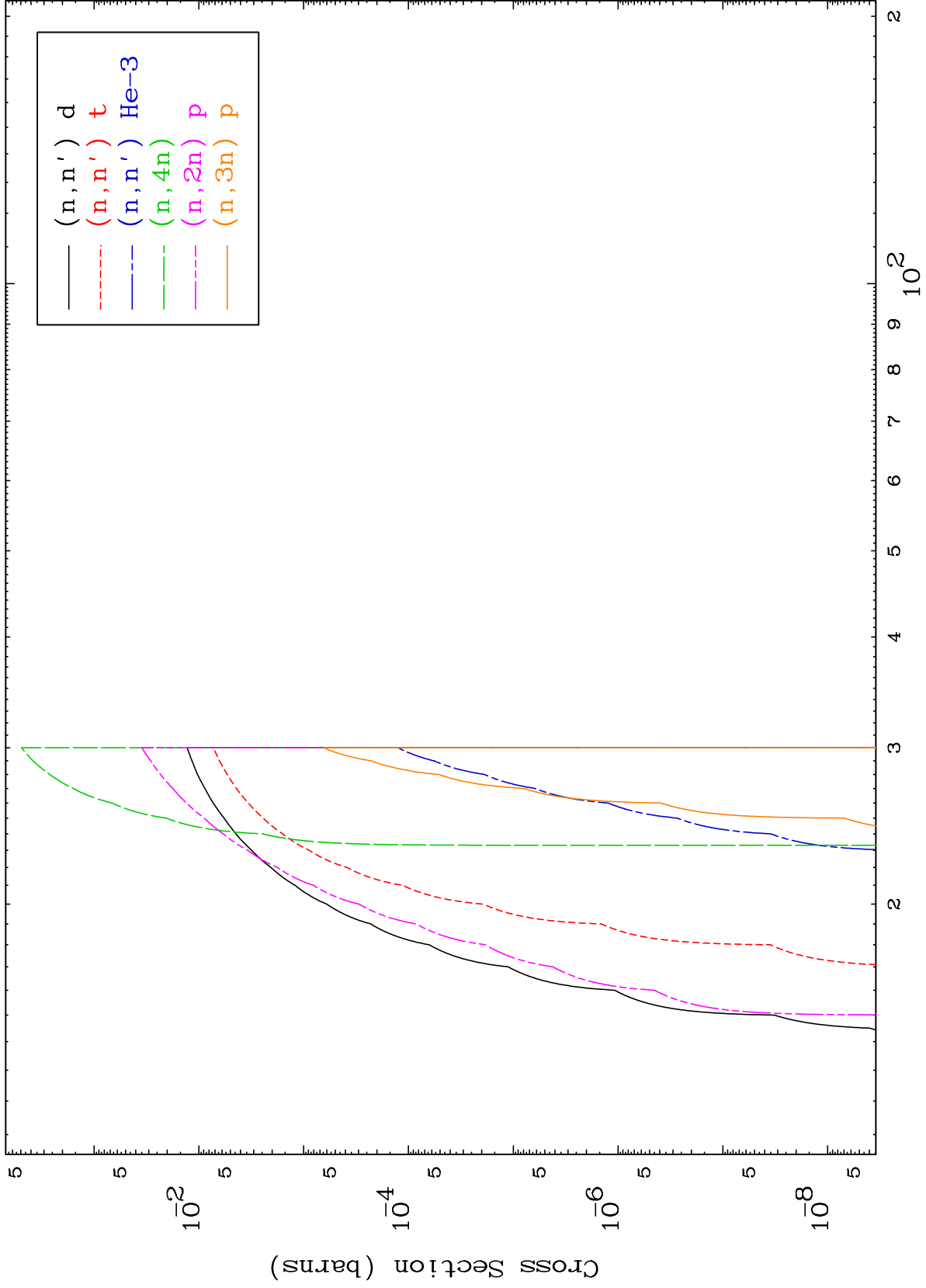
MAT 5328

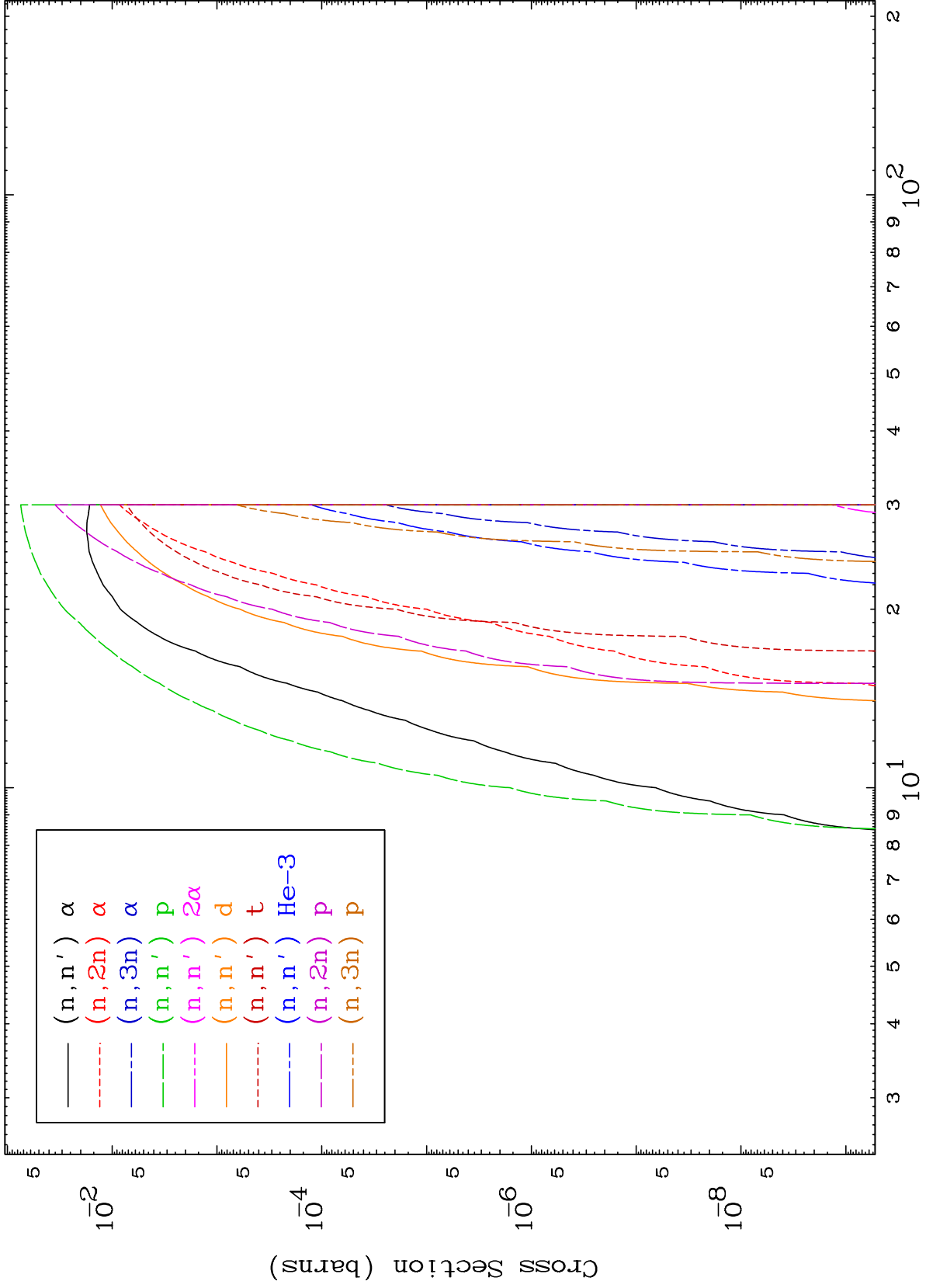
Major  
293 Kelvin Cross Sections

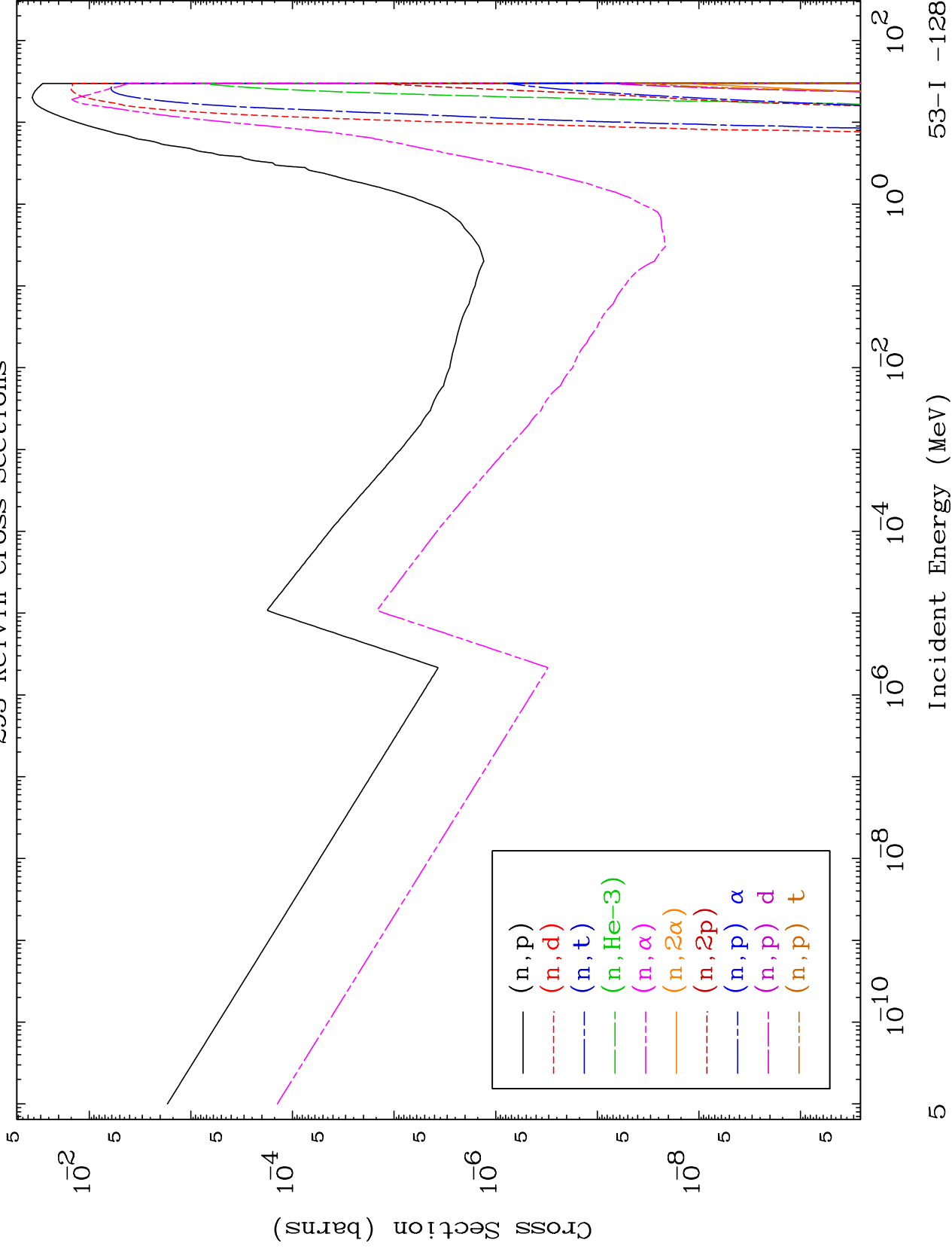
53-I -128

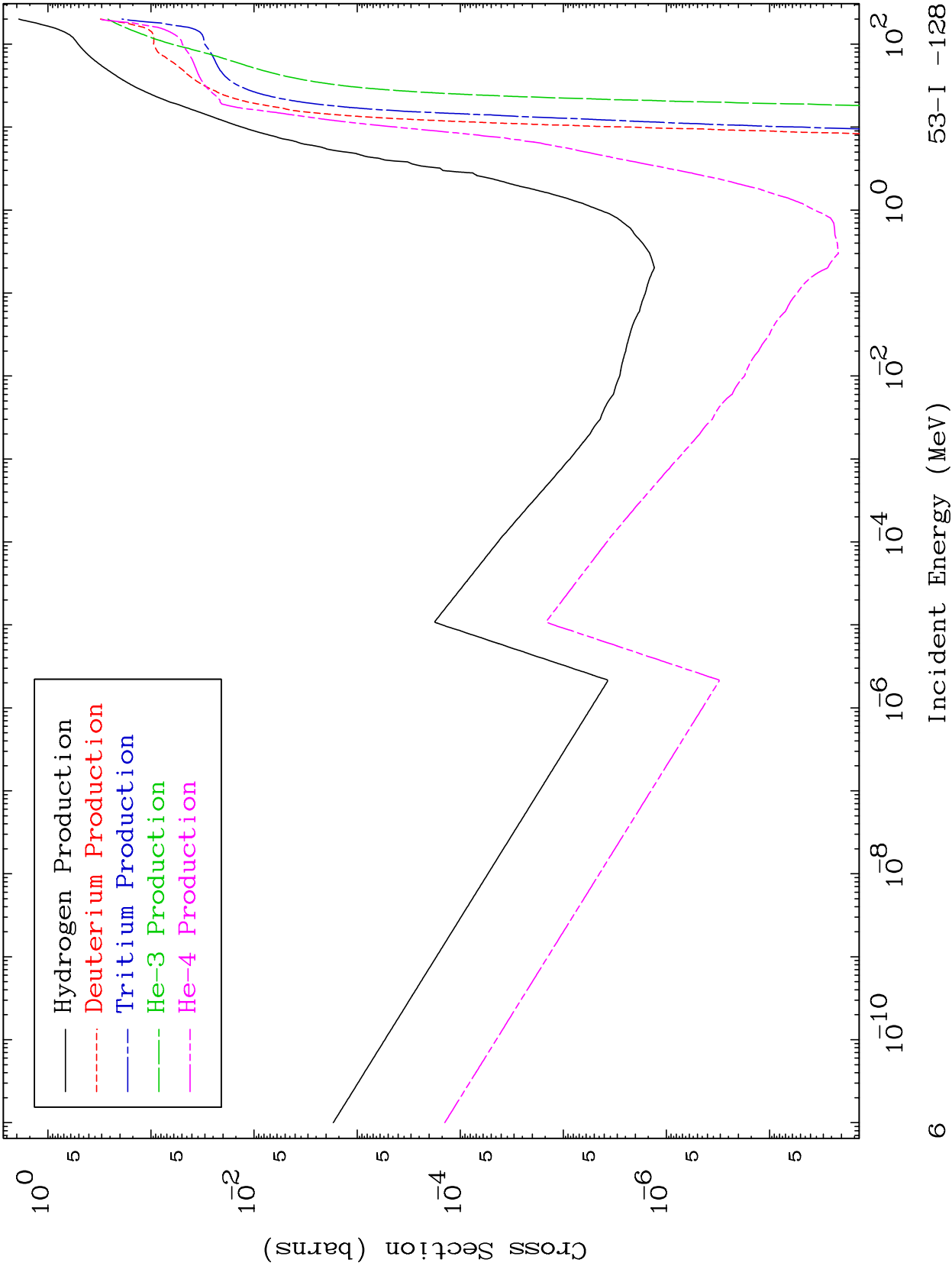




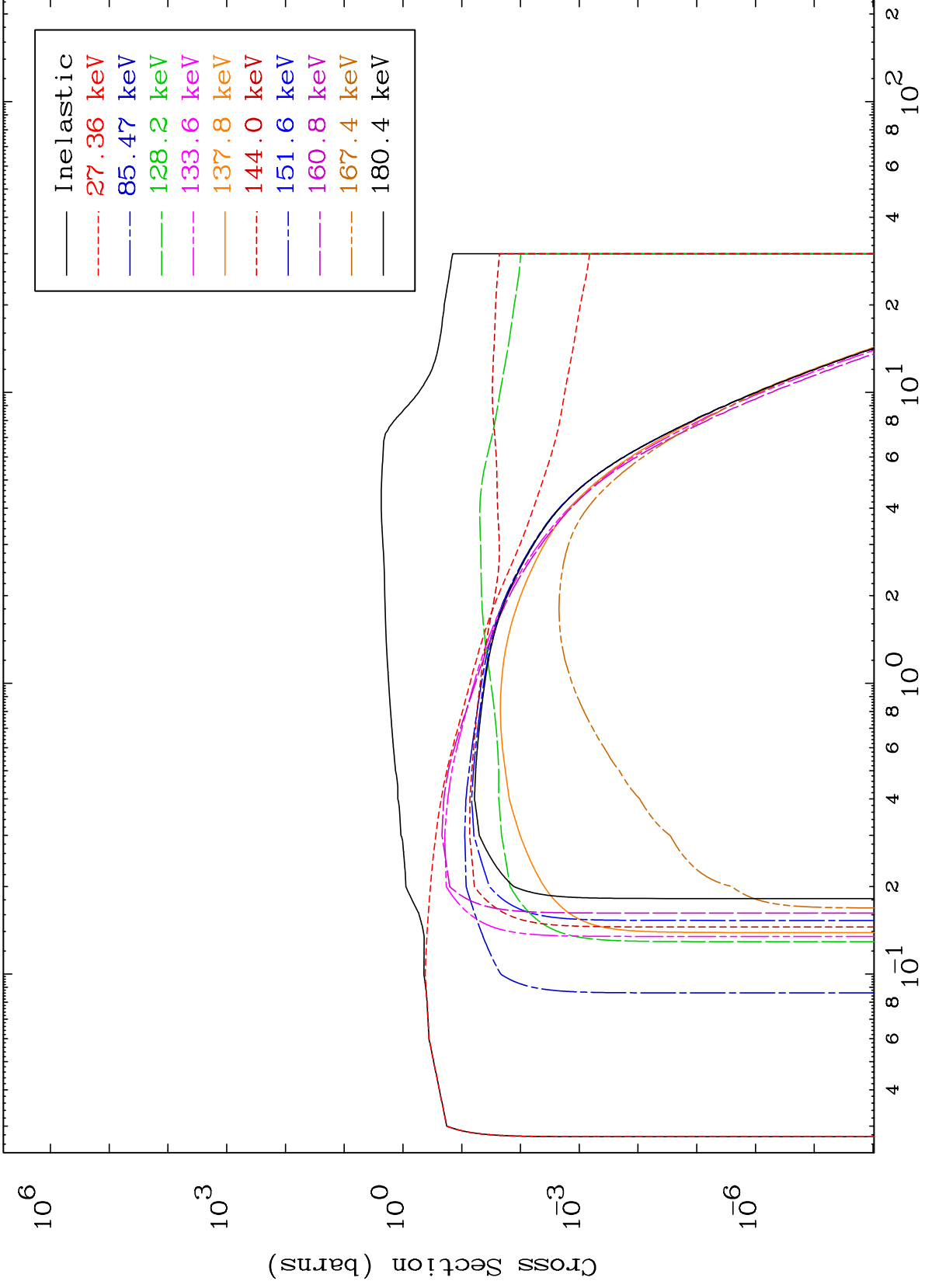




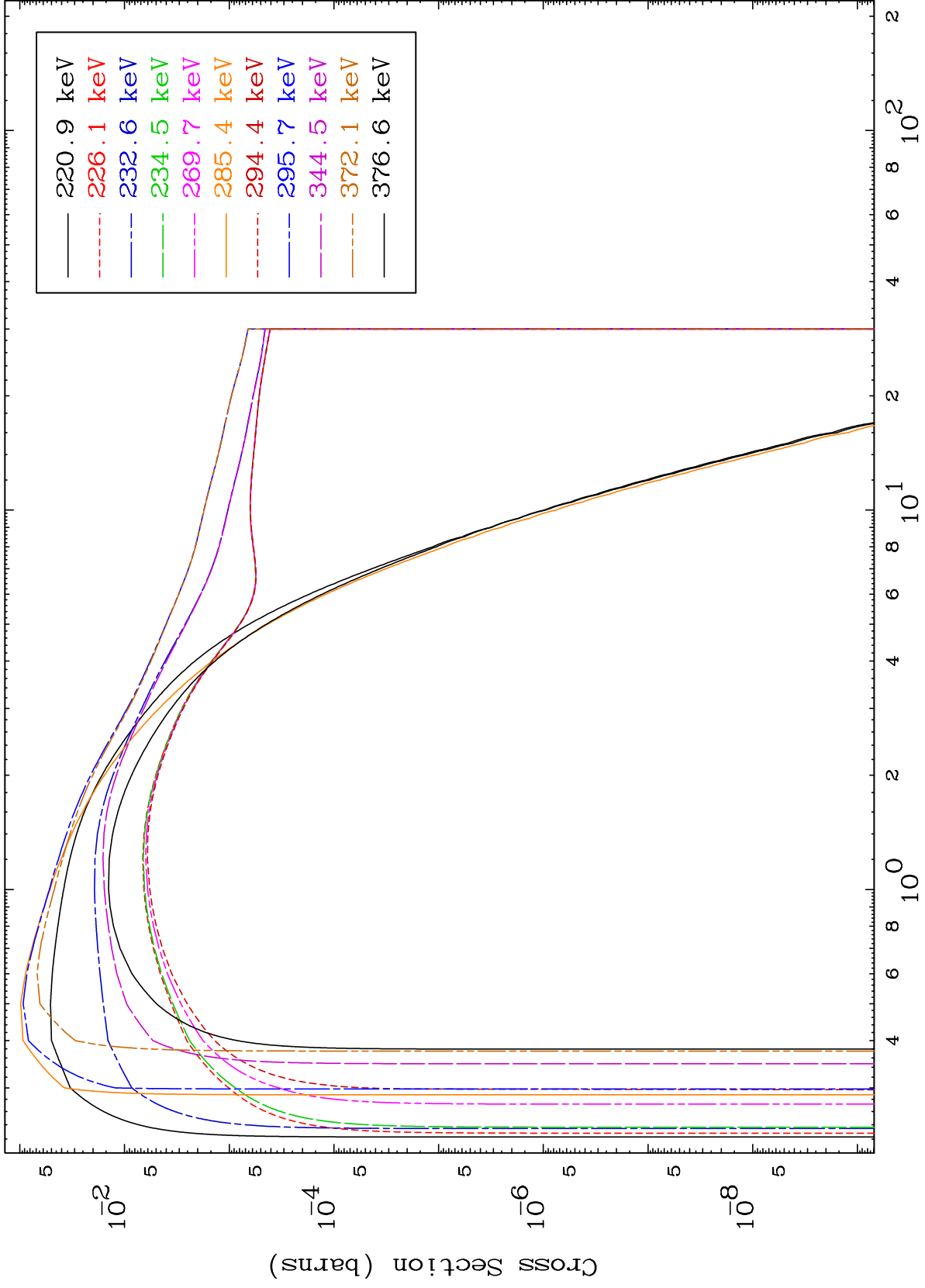


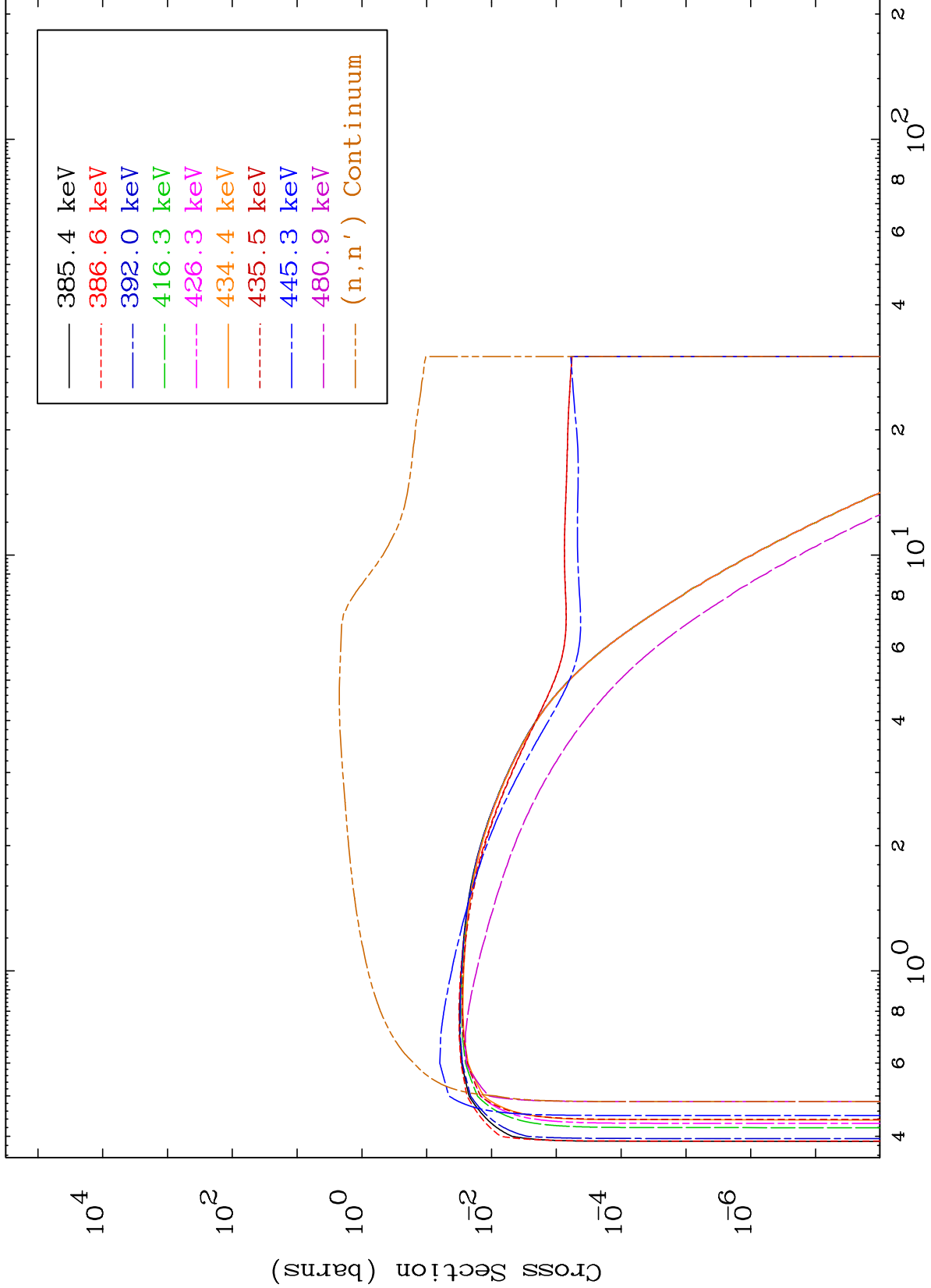


293 Kelvin Cross Sections





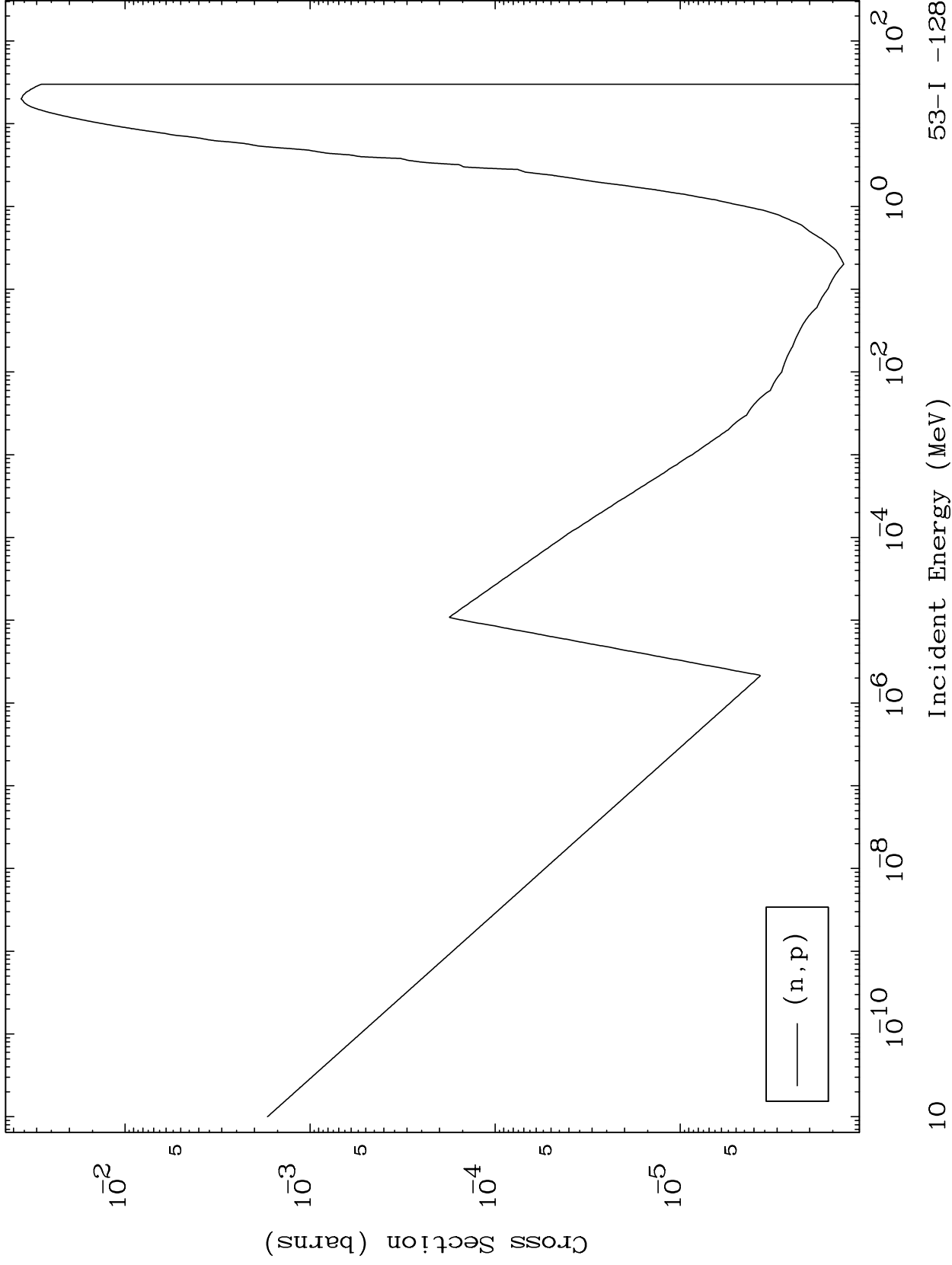


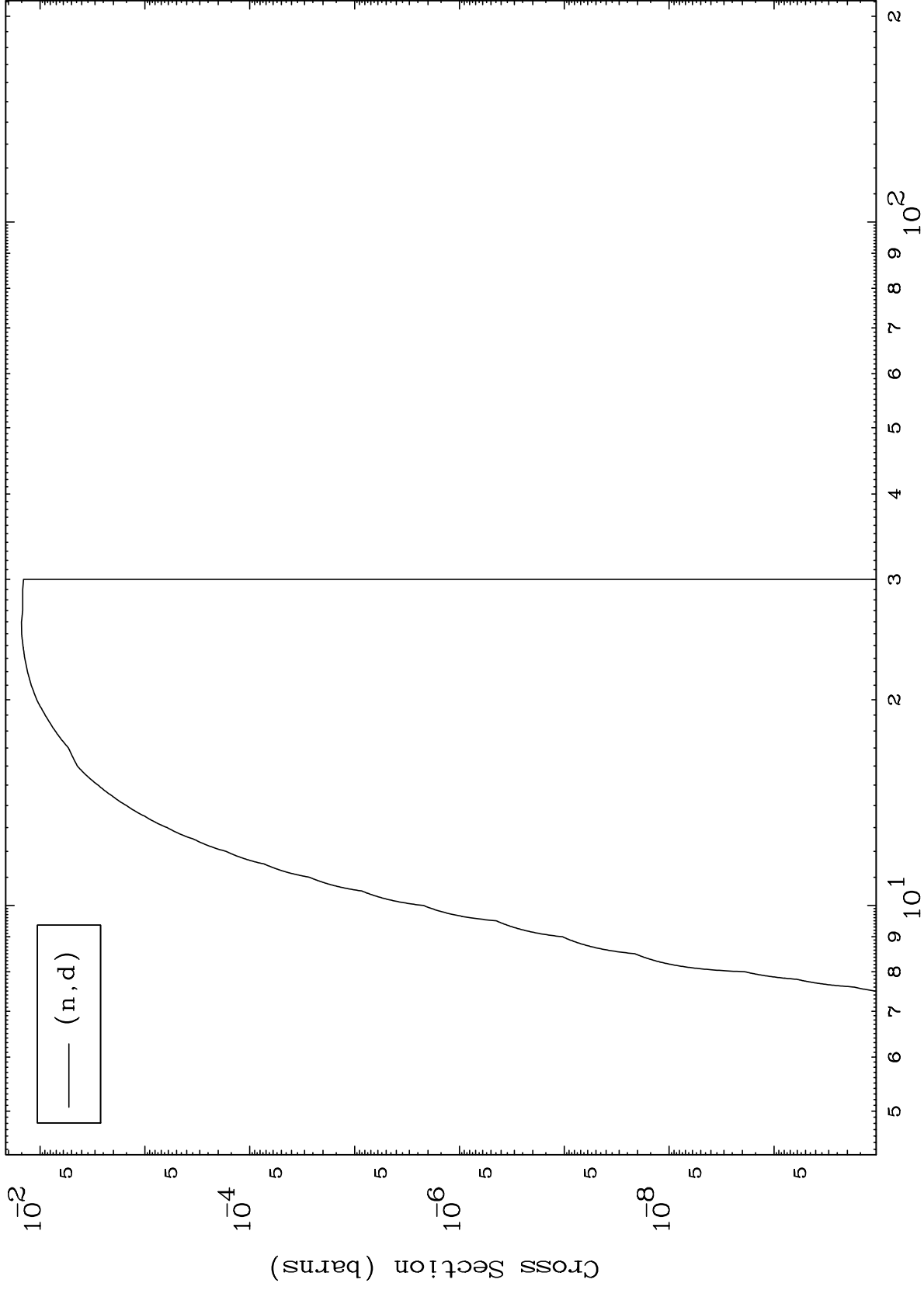


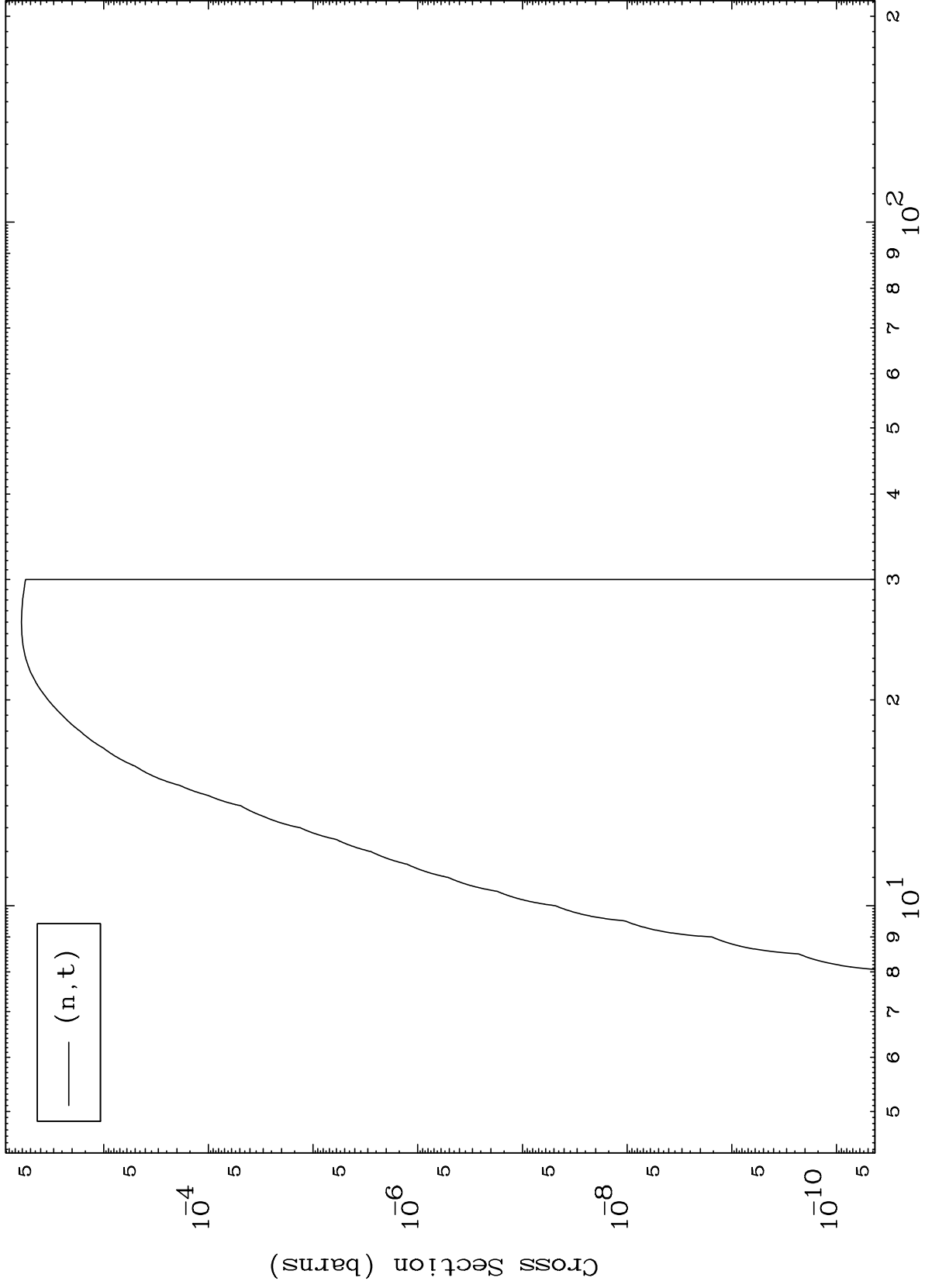
MAT 5328

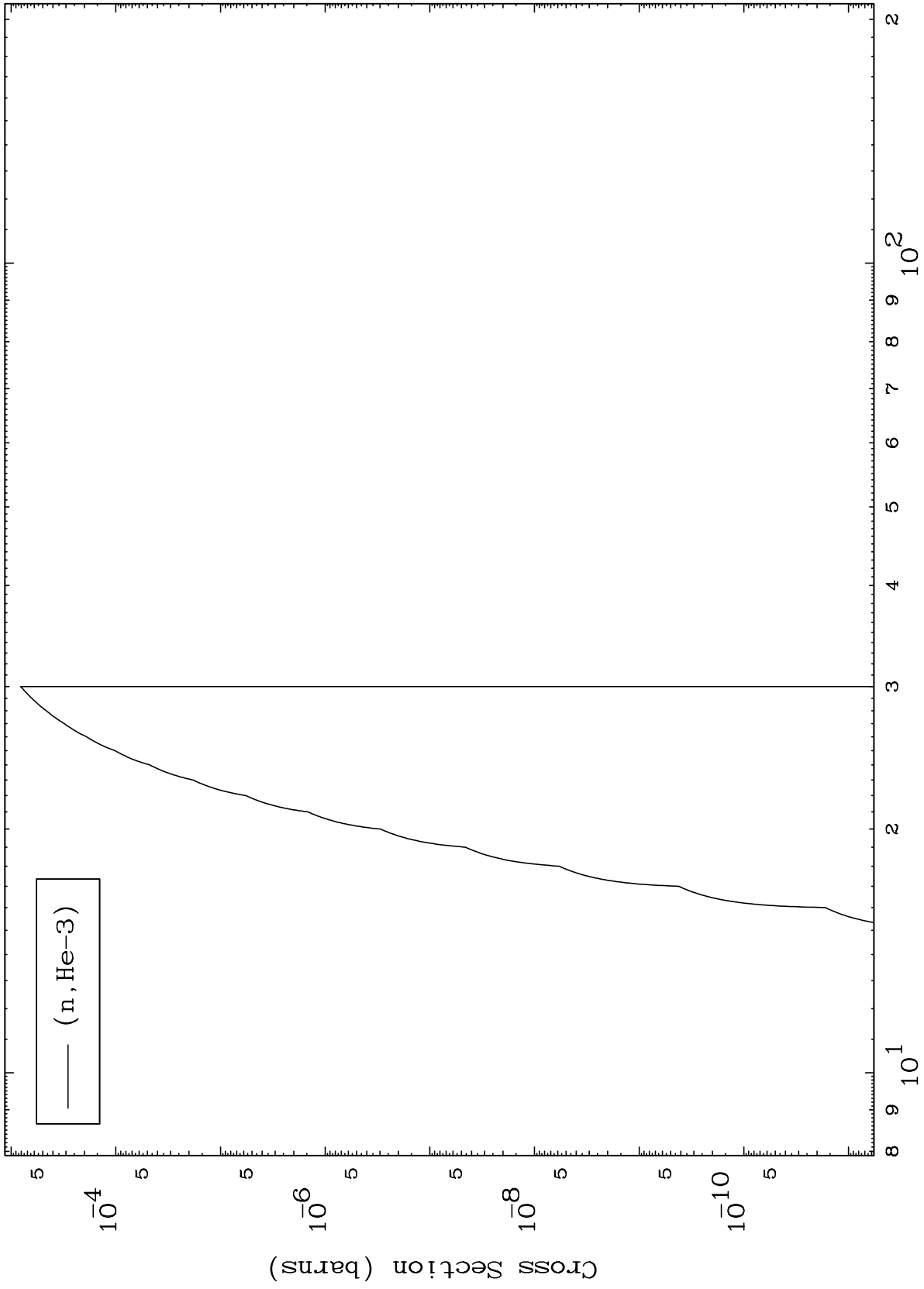
(n,p) Levels  
293 Kelvin Cross Sections

53-I -128





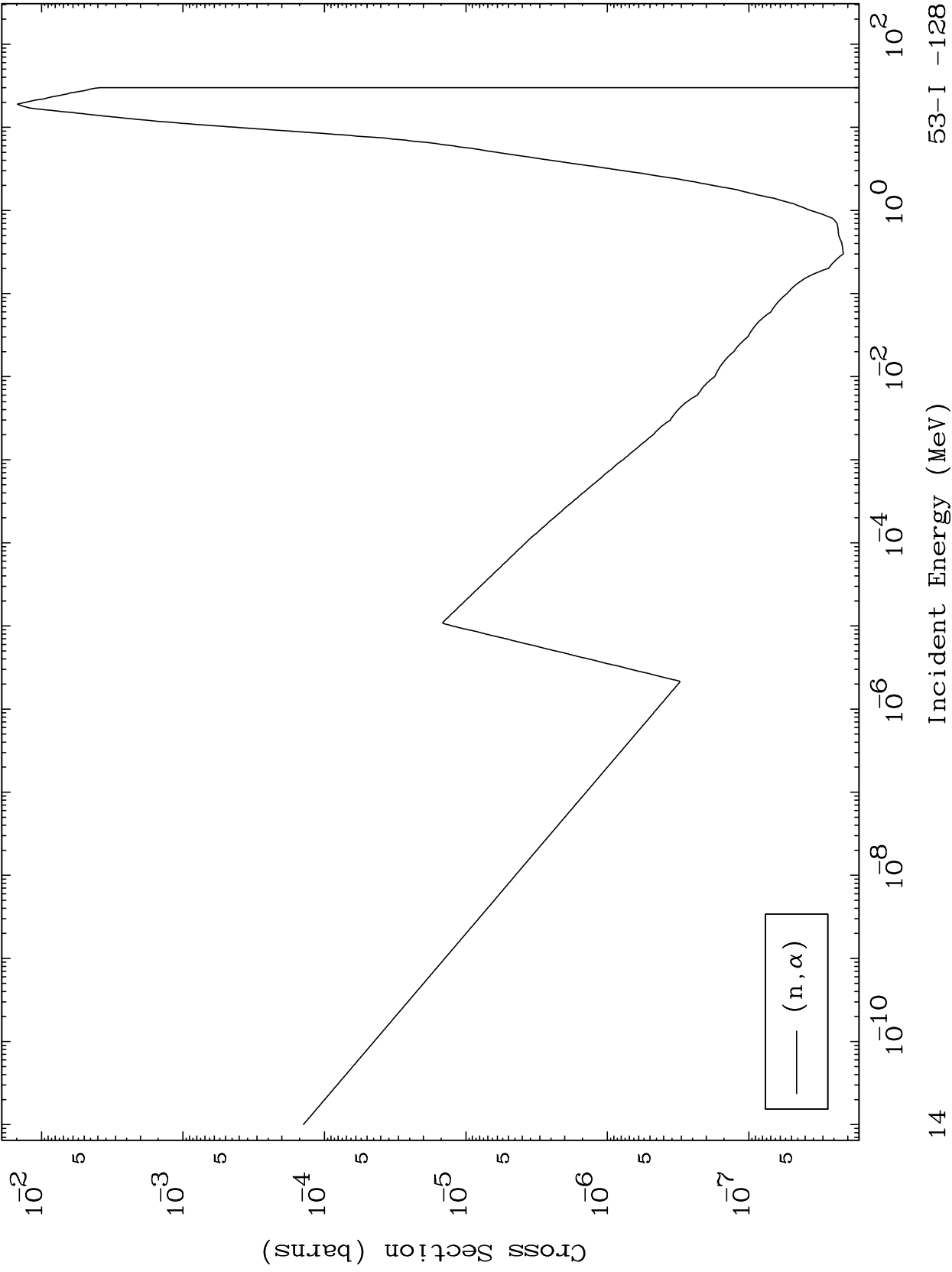


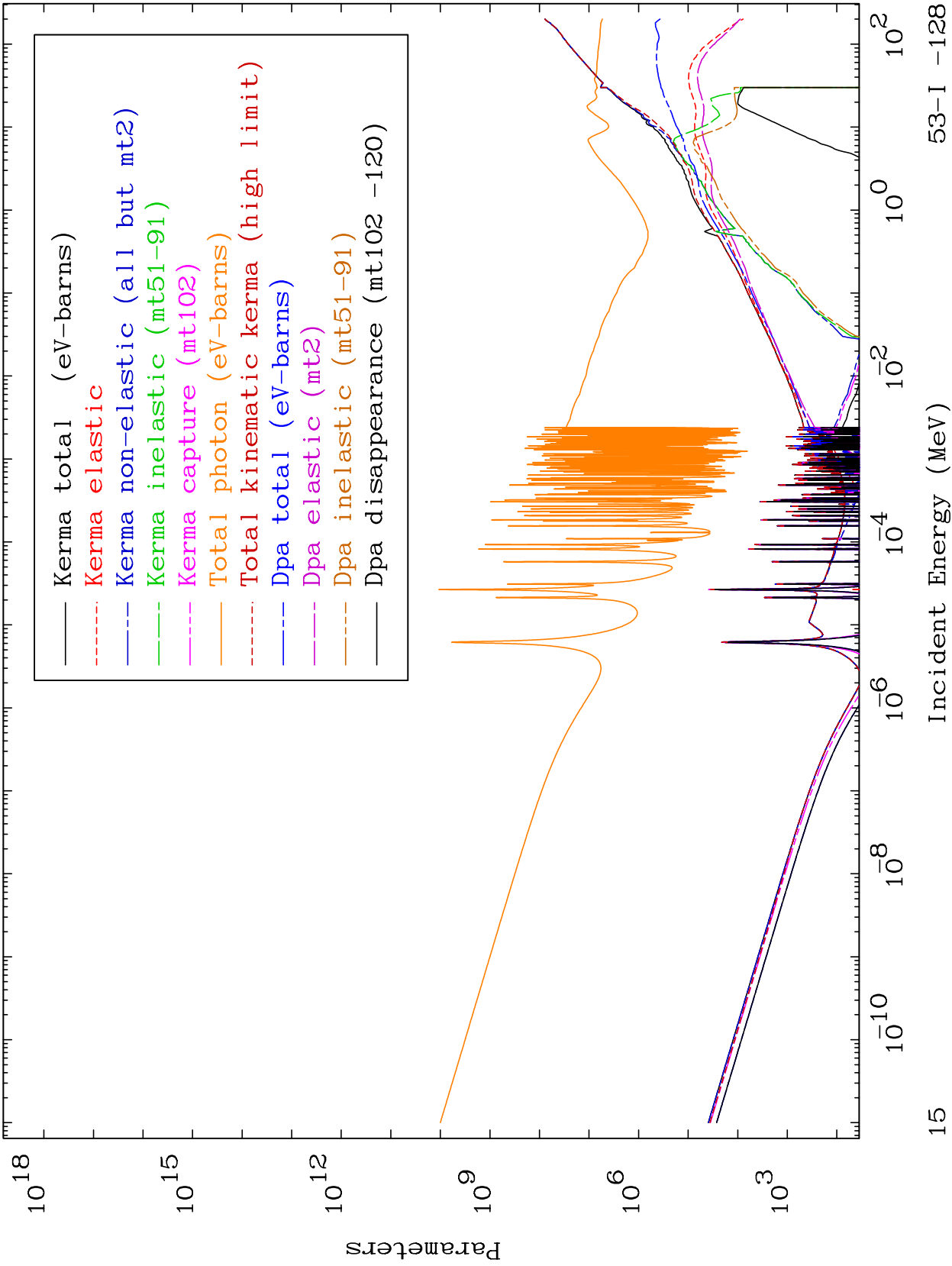


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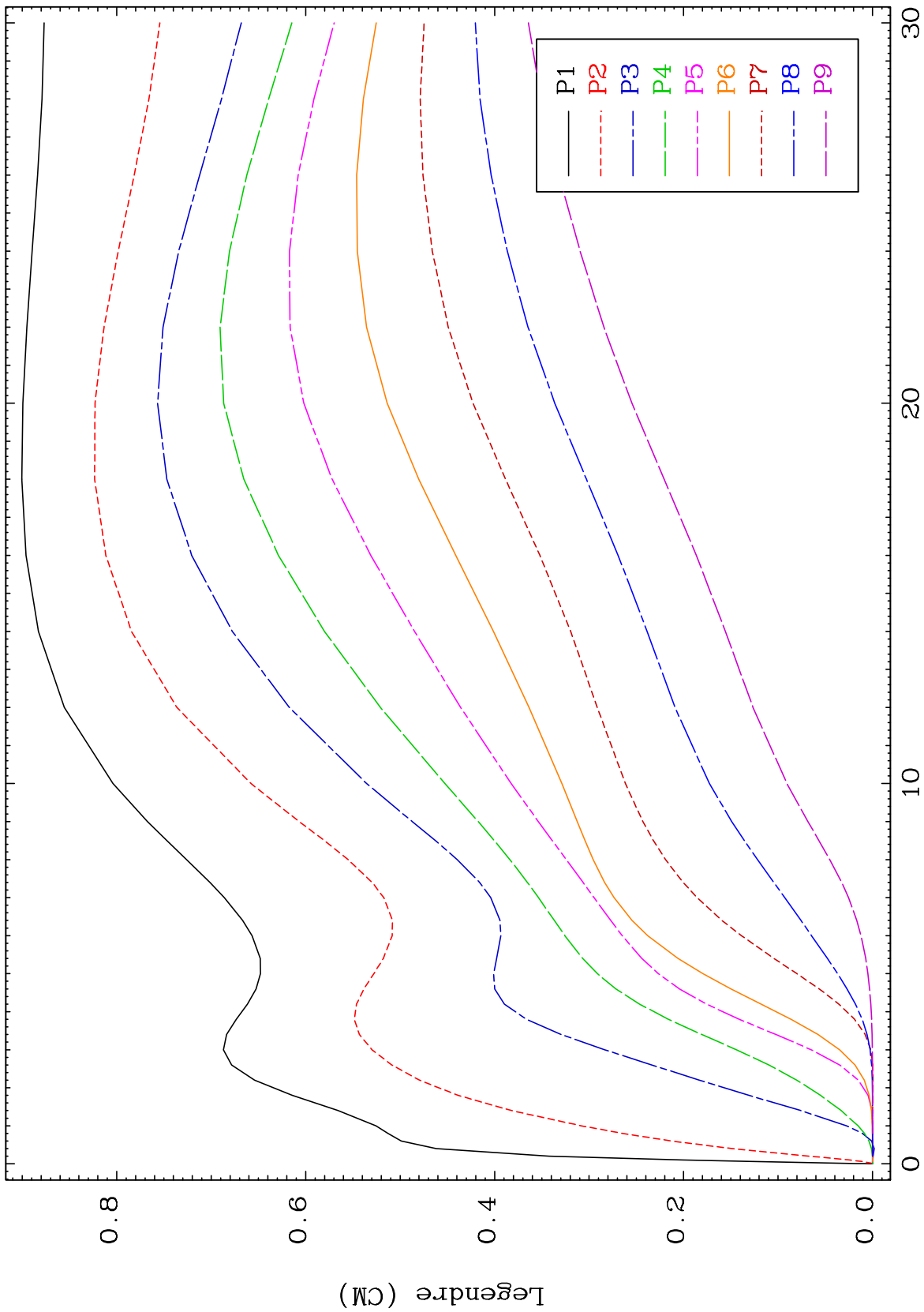
(n,α) Levels  
293 Kelvin Cross Sections

53-I -128

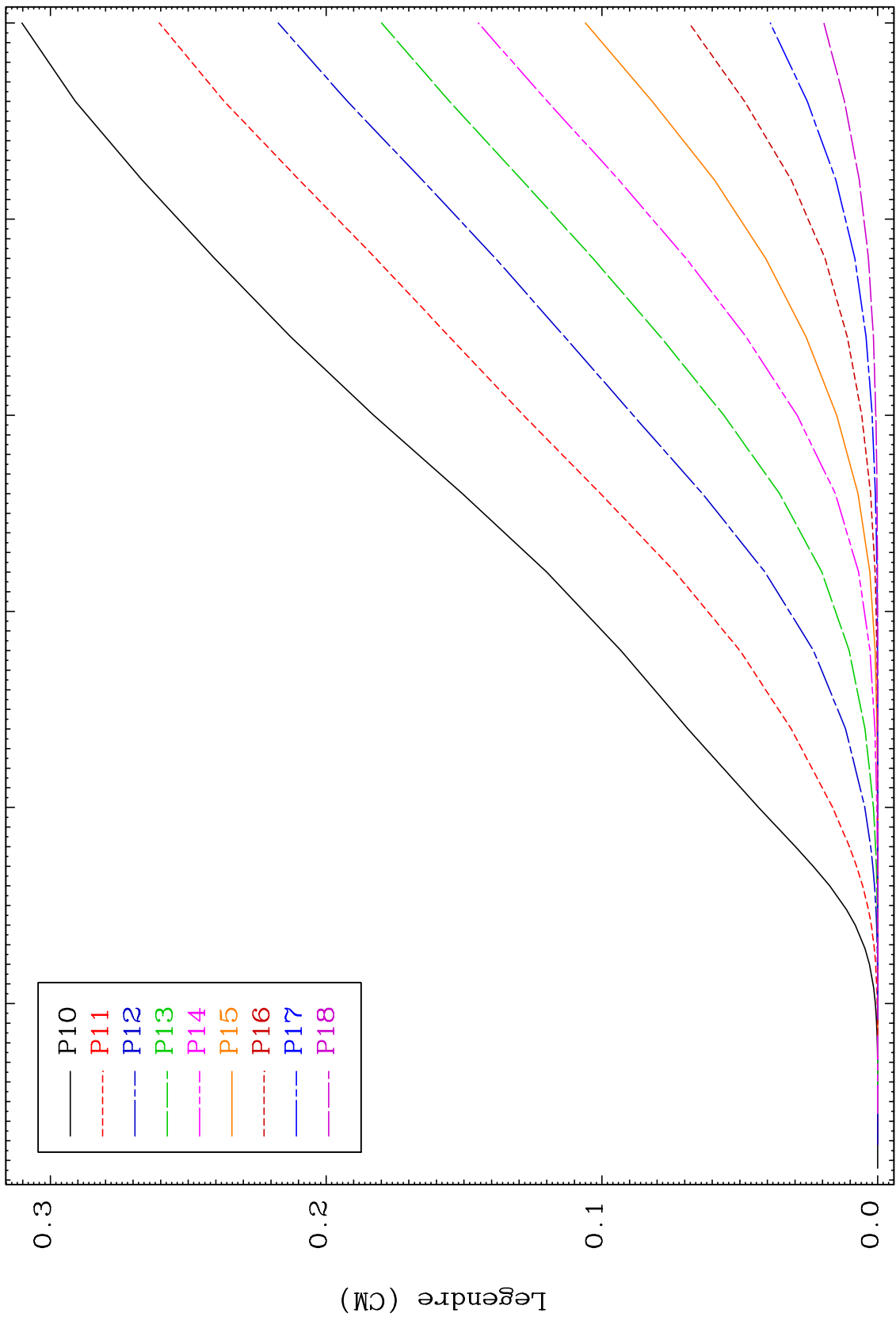








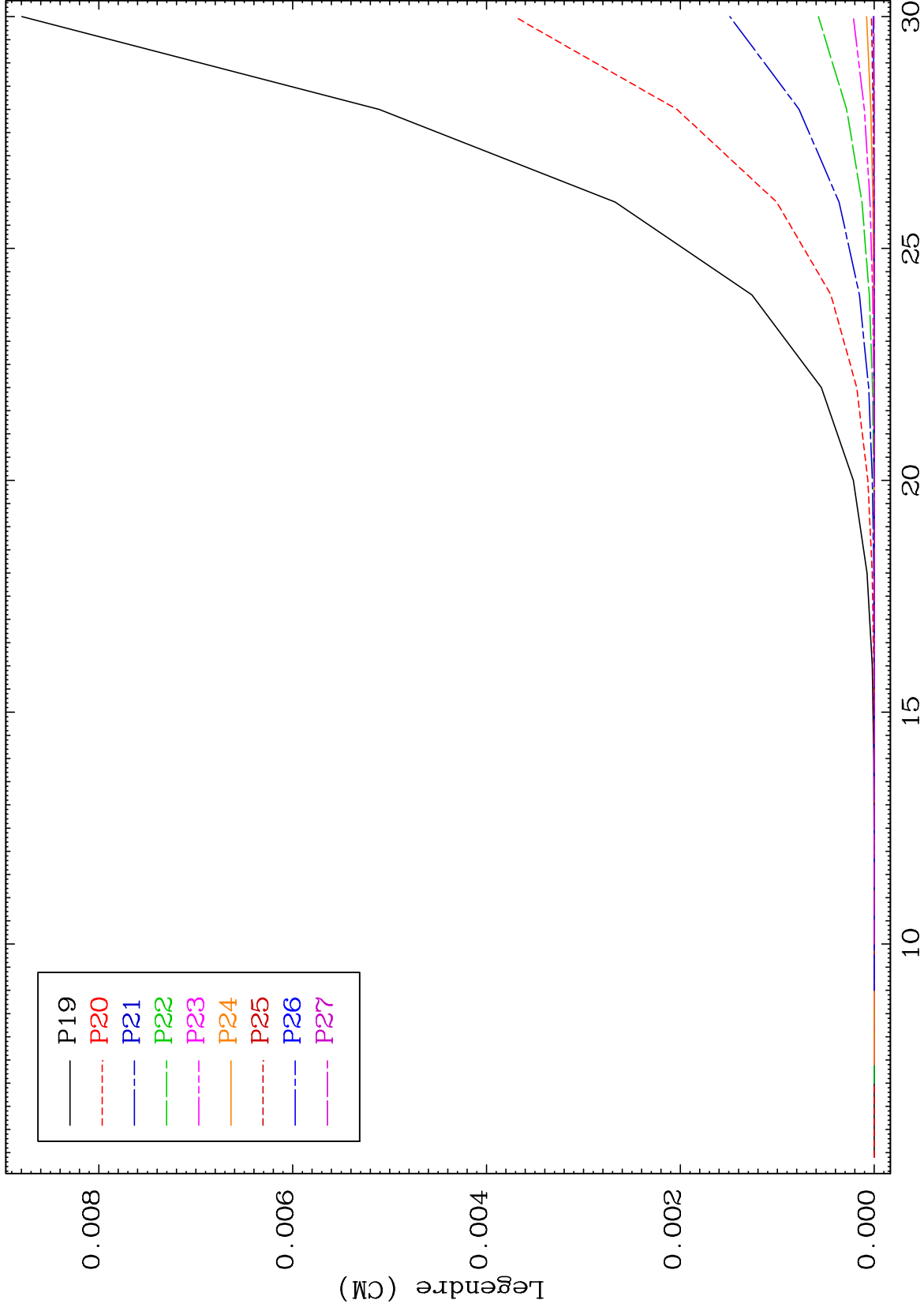
Elastic Legendre Coefficients



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### Elastic Legendre Coefficients

53-I -128



18

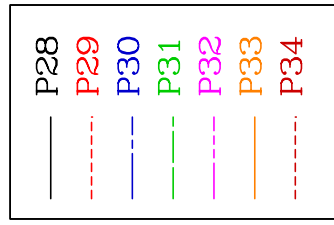
Incident Energy (MeV)

53-I -128

MAT 5328

Elastic Legendre Coefficients

53-I -128



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

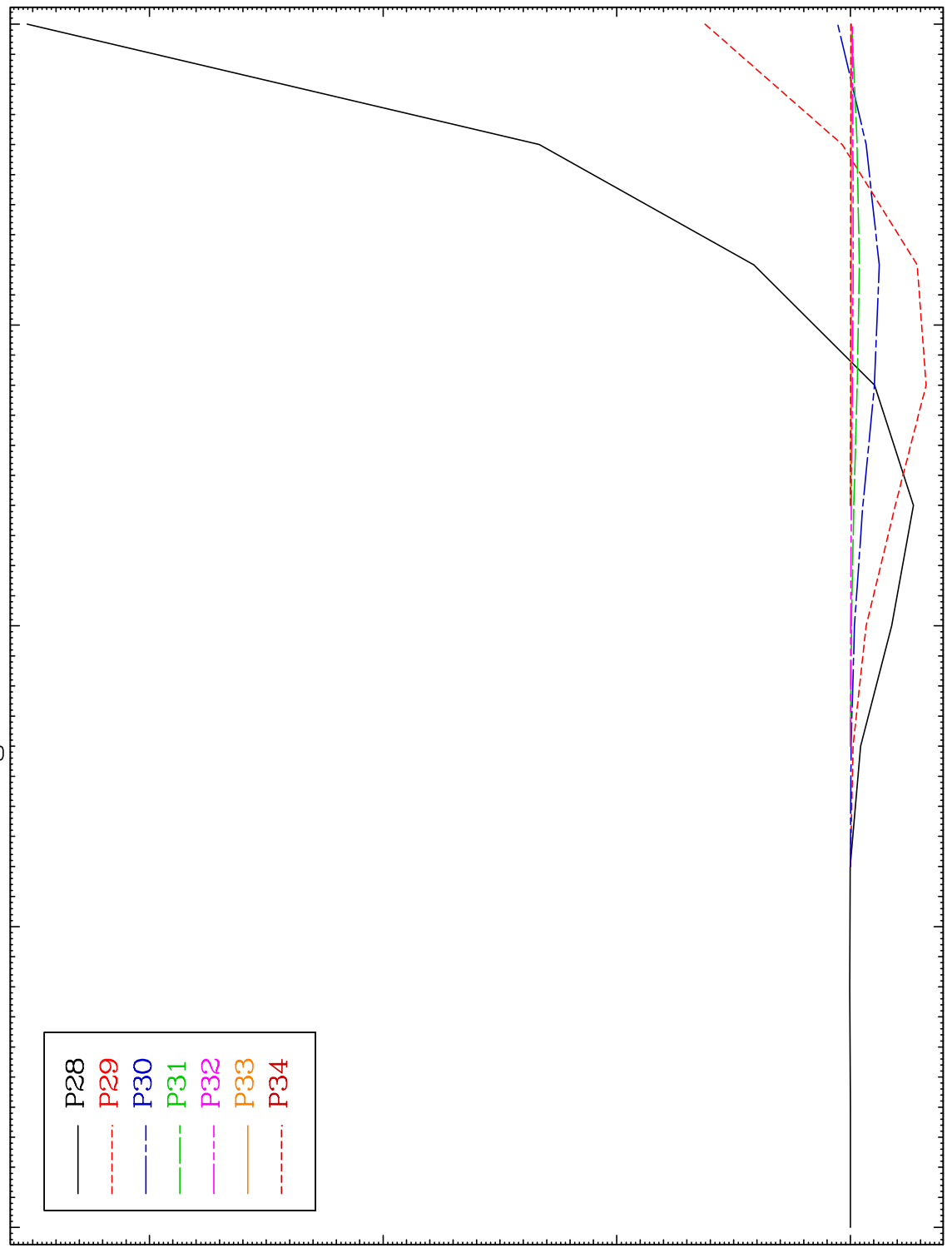
25

30

19

Incident Energy (MeV)

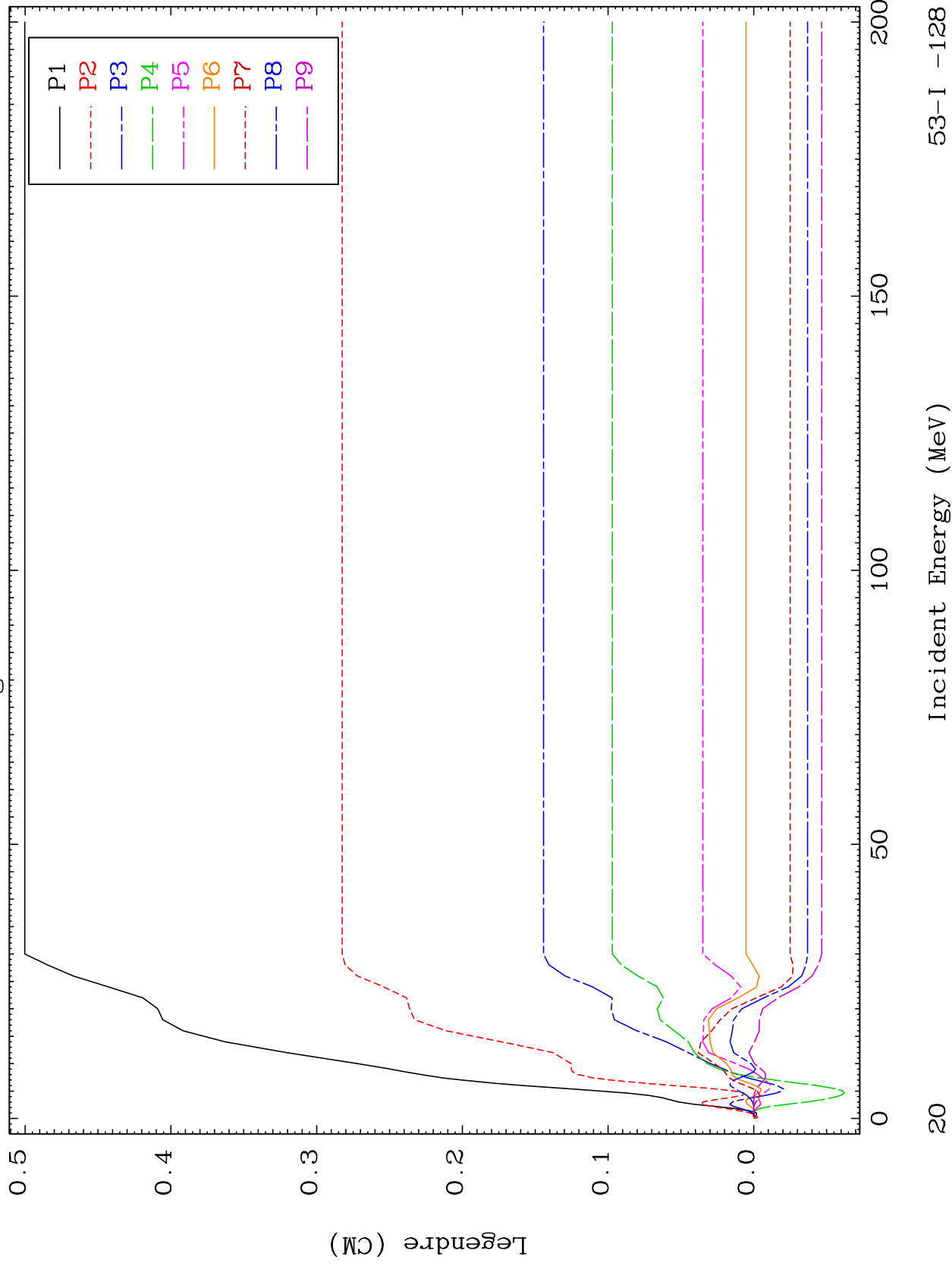
53-I -128



MAT 5328

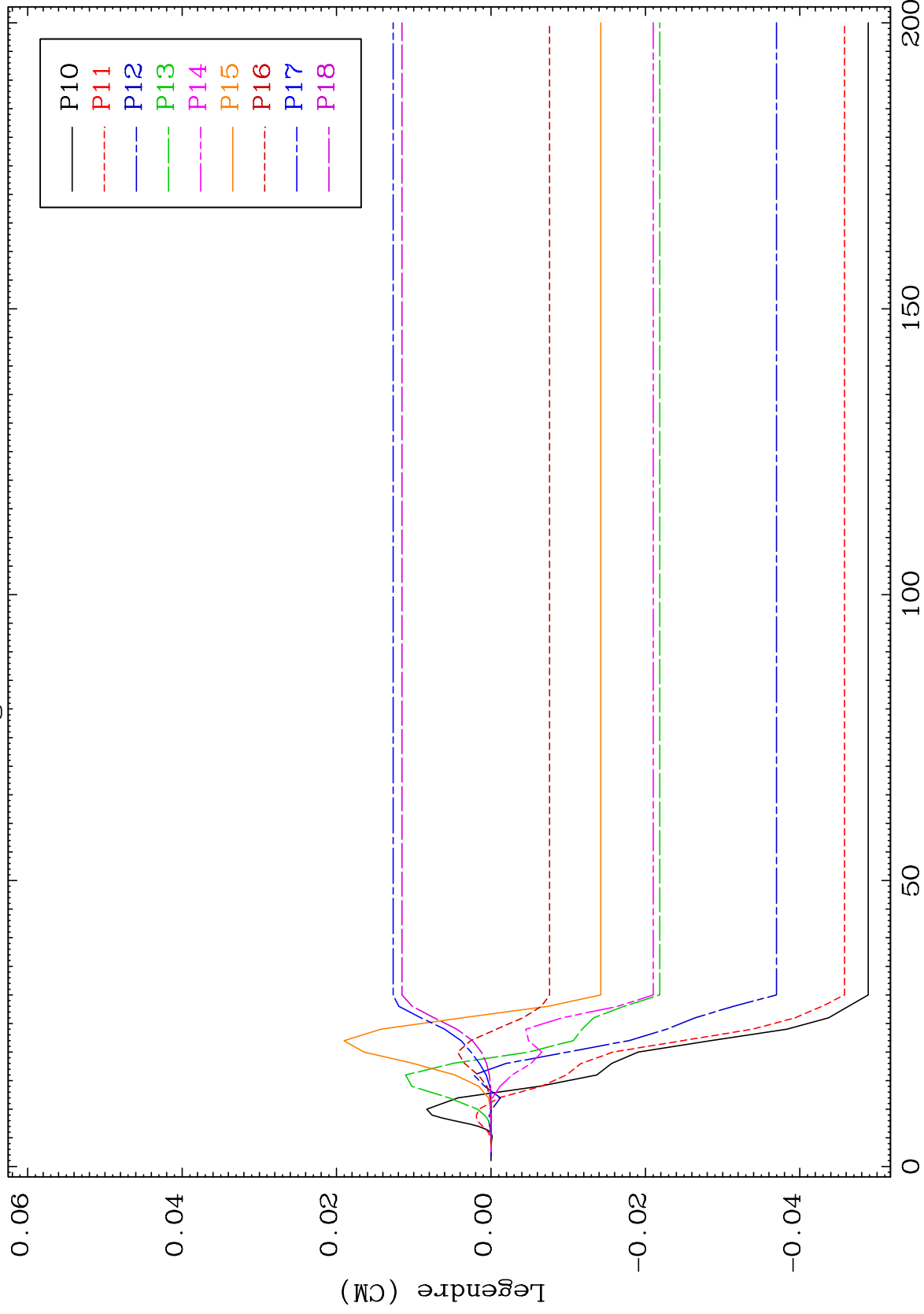
27.36 keV (n,n') Level  
Legendre Coefficients

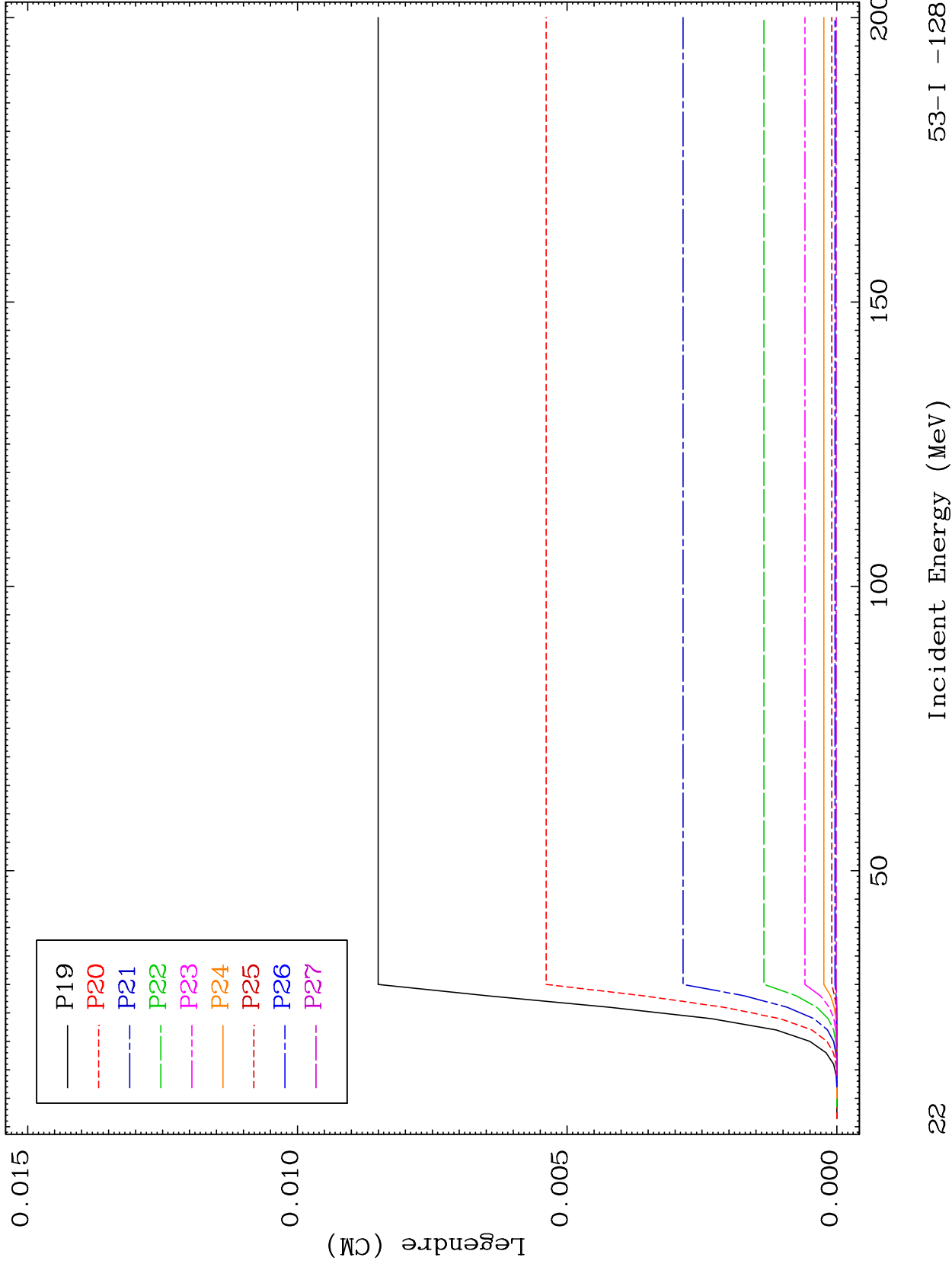
53-I -128

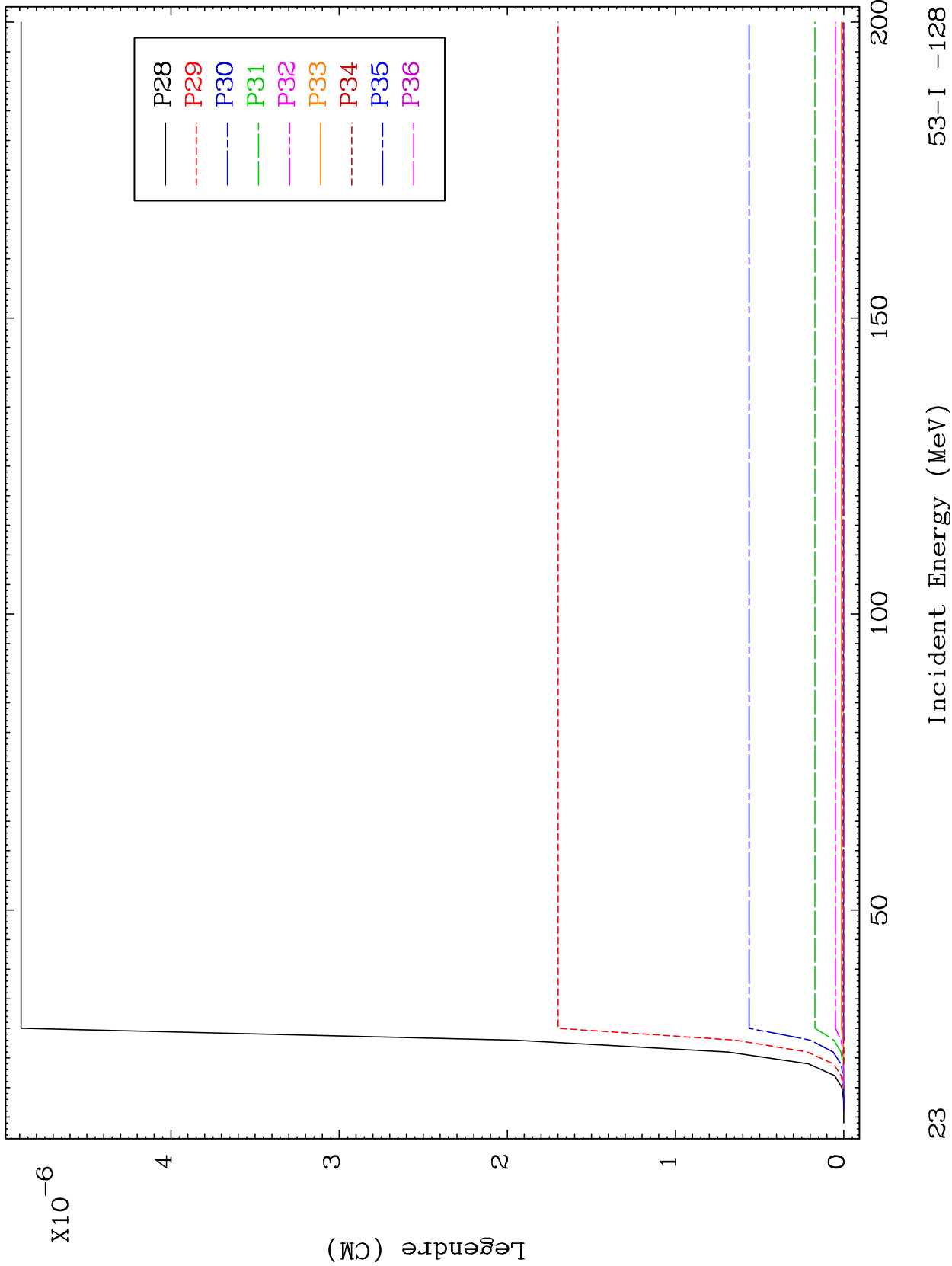


53-I -128

Incident Energy (MeV)





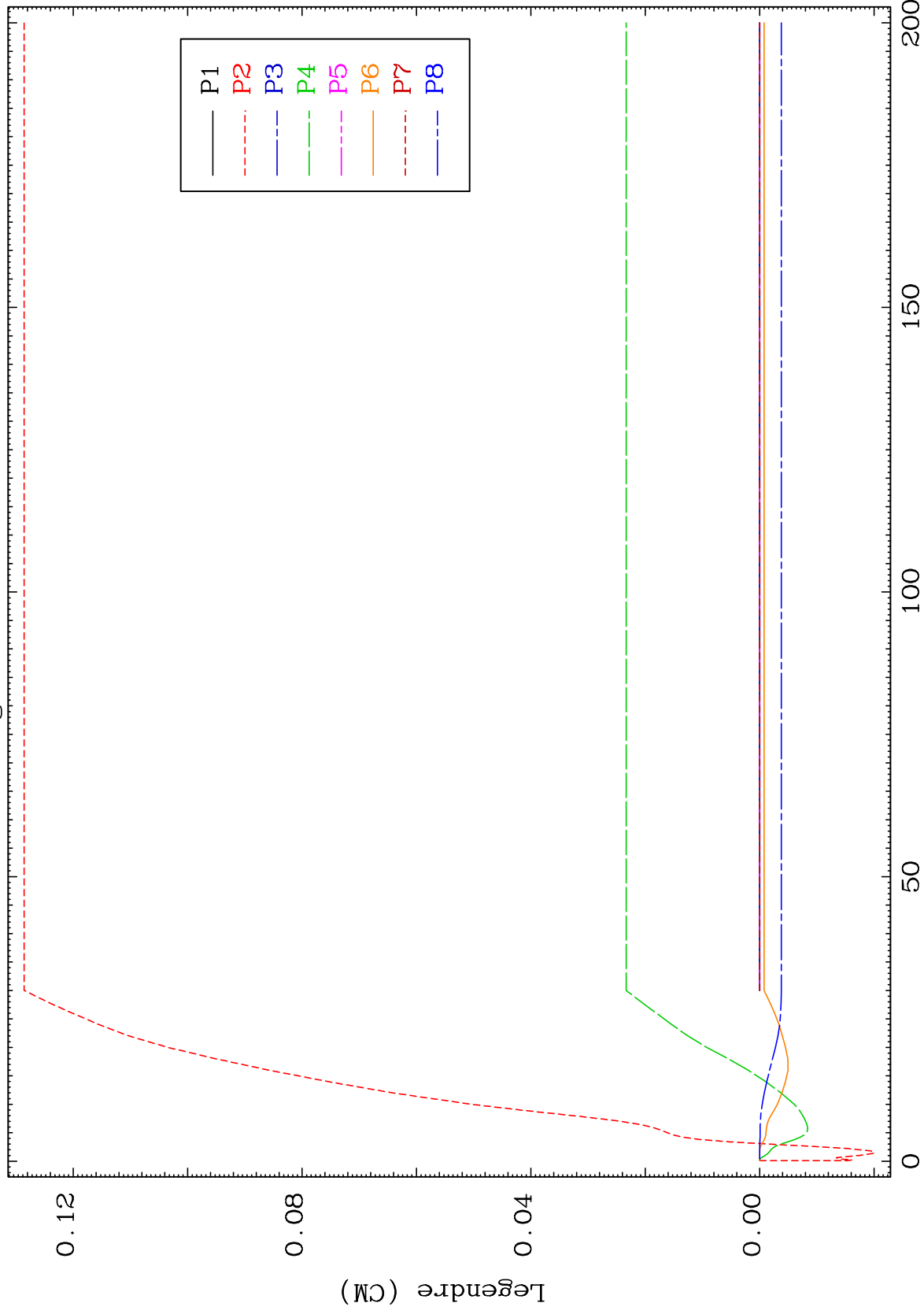




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85.47 keV (n,n') Level  
Legendre Coefficients

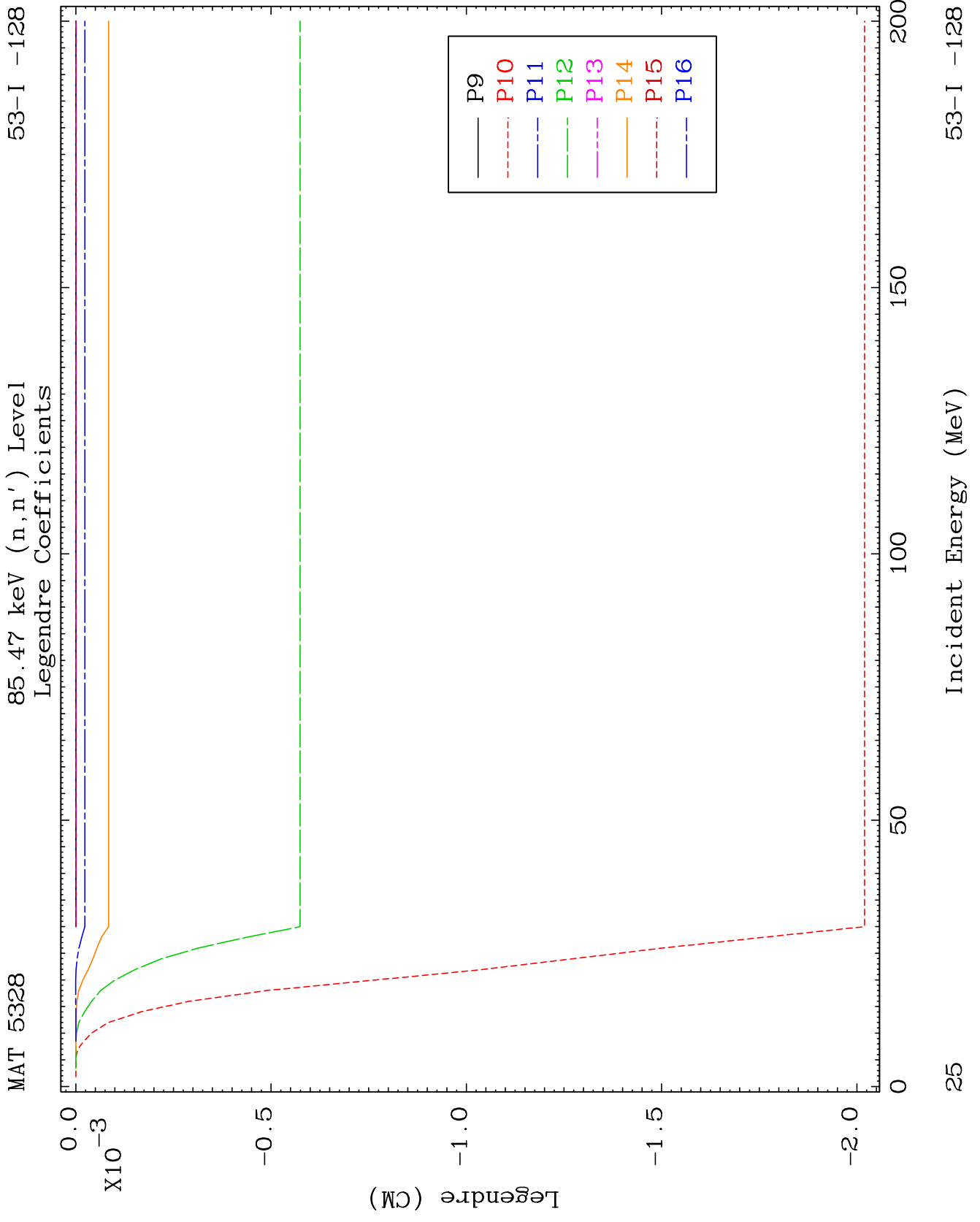
53-I -128

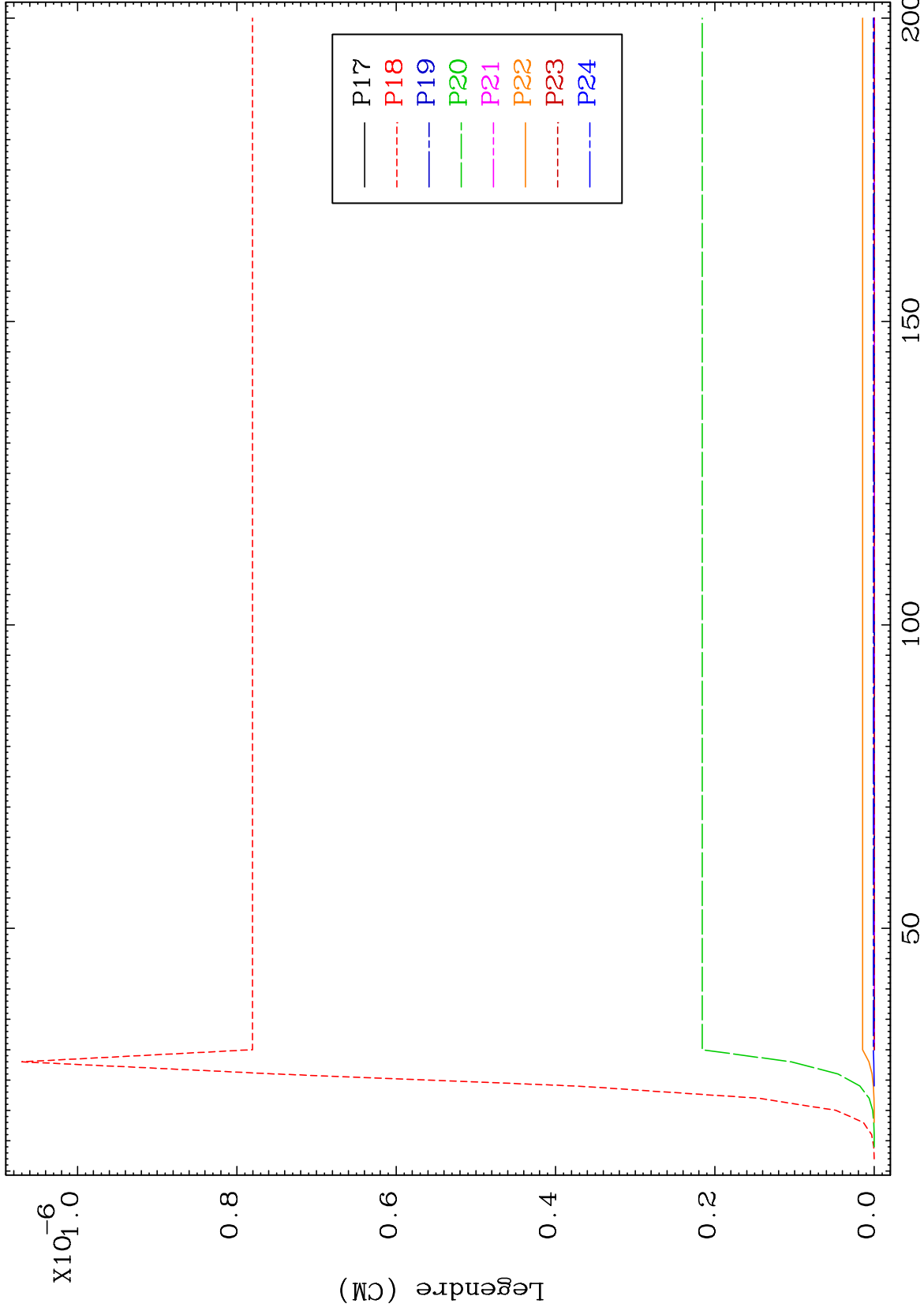


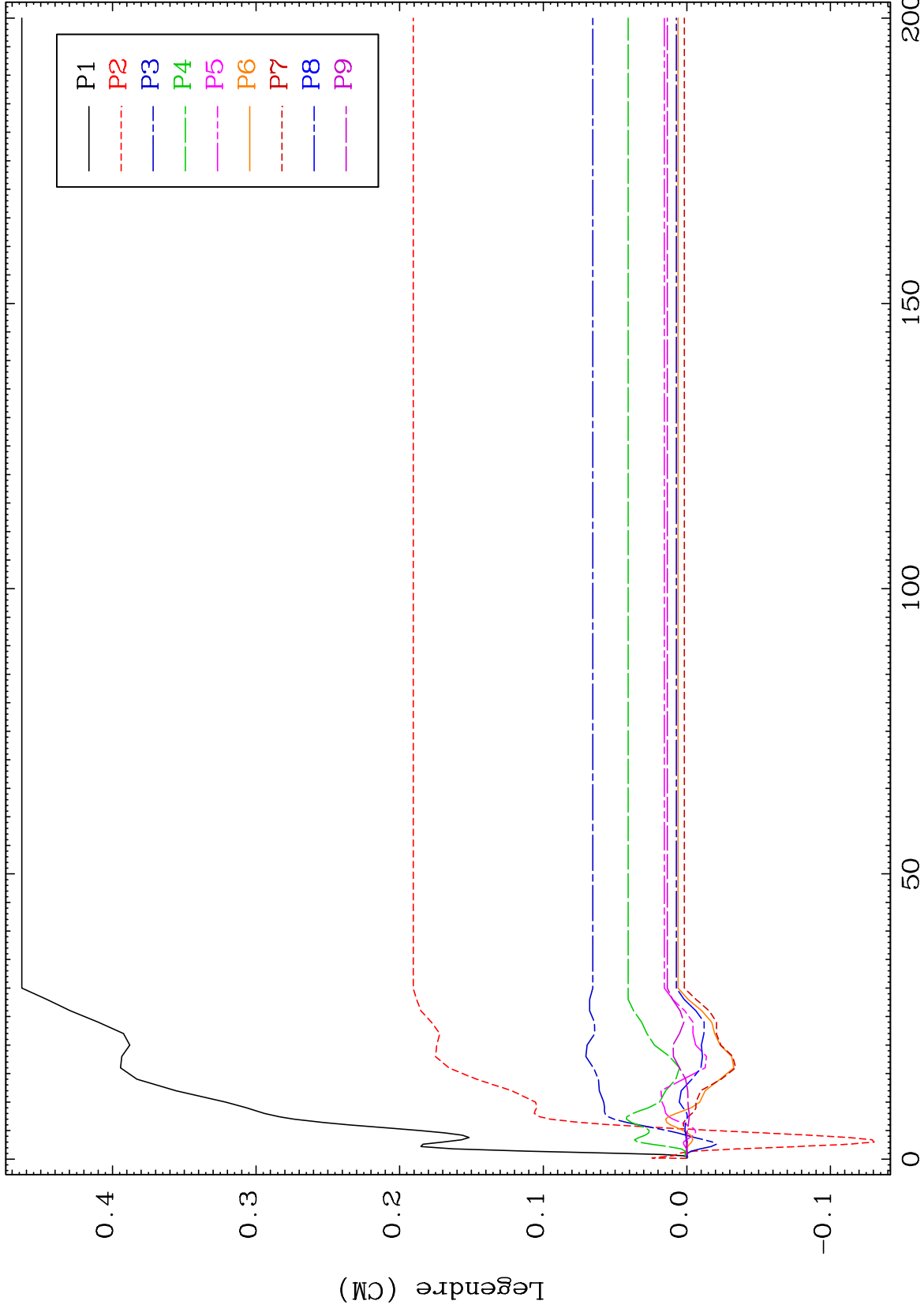
24

Incident Energy (MeV)

53-I -128



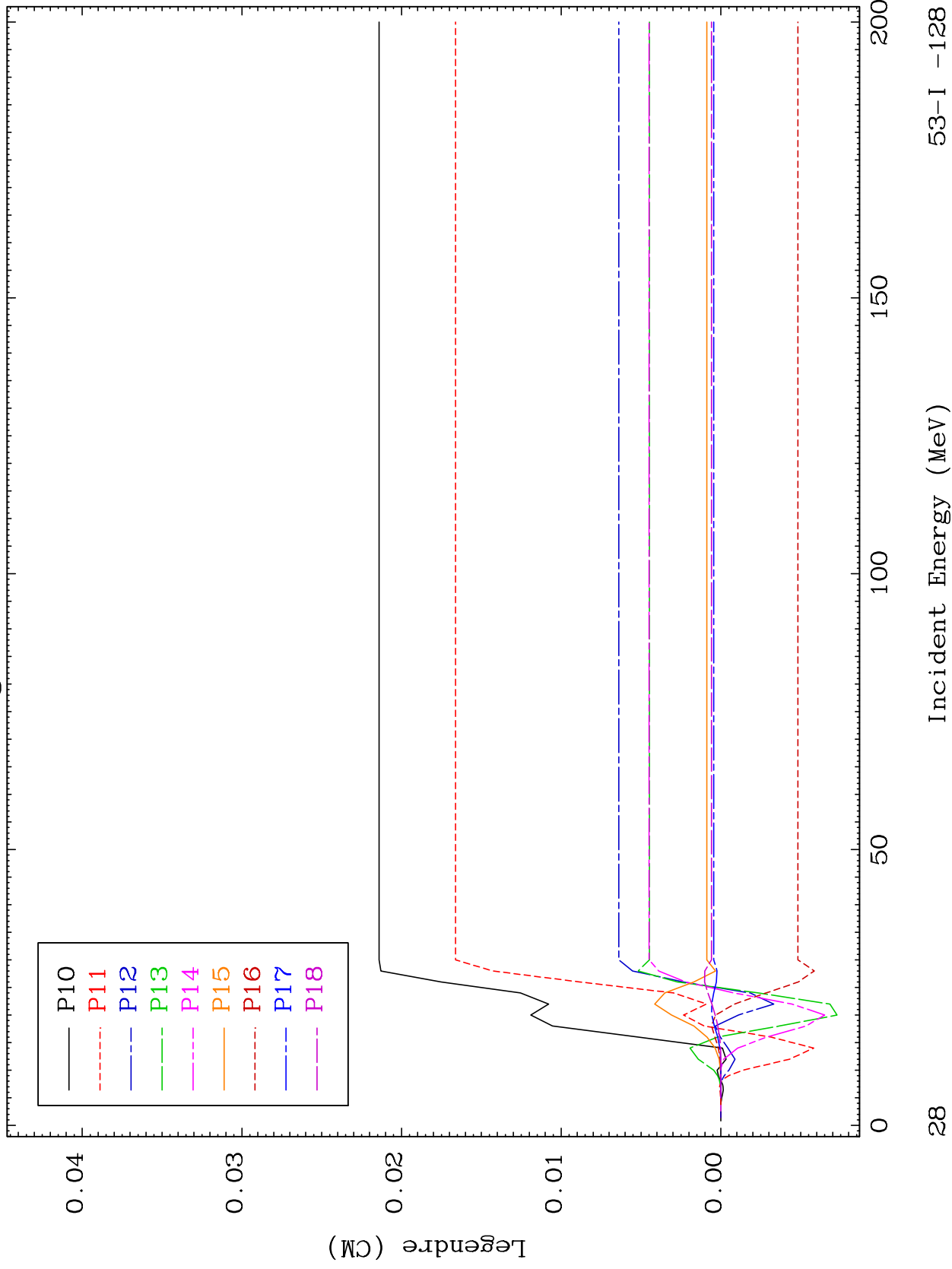


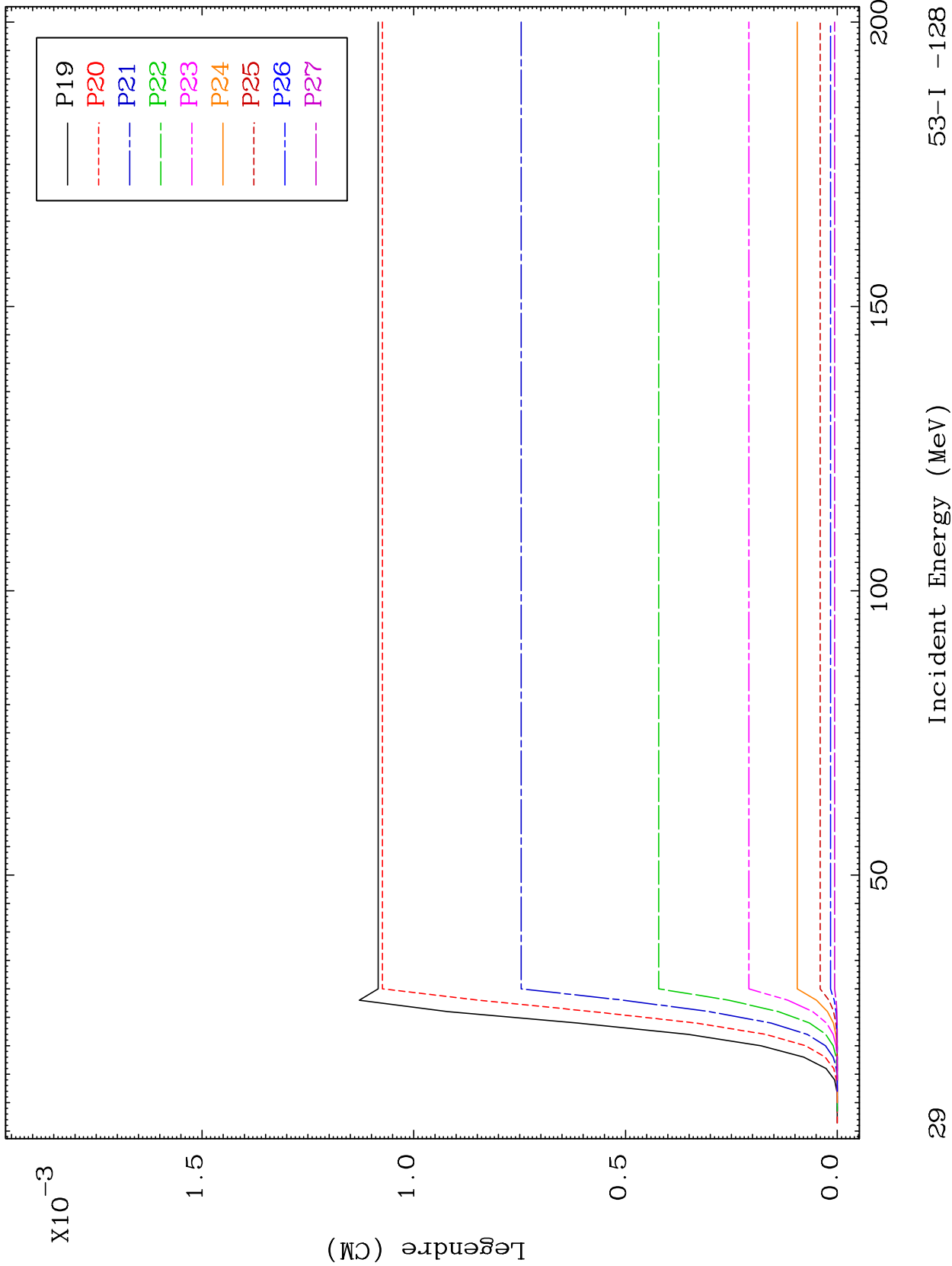


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128.2 keV (n,n') Level  
Legendre Coefficients

53-I -128

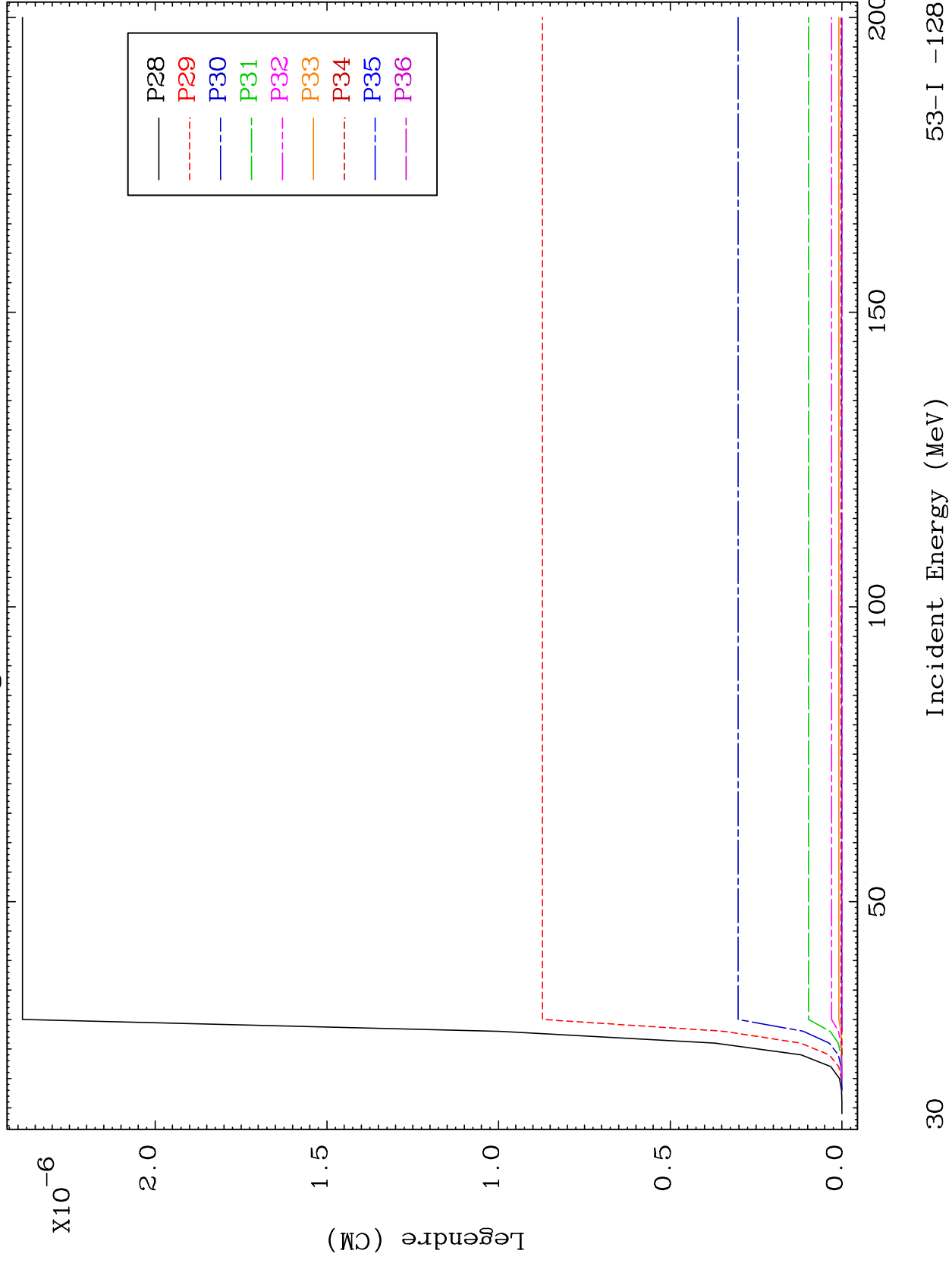




MAT 5328

128.2 keV (n,n') Level  
Legendre Coefficients

53-I -128



53-I -128

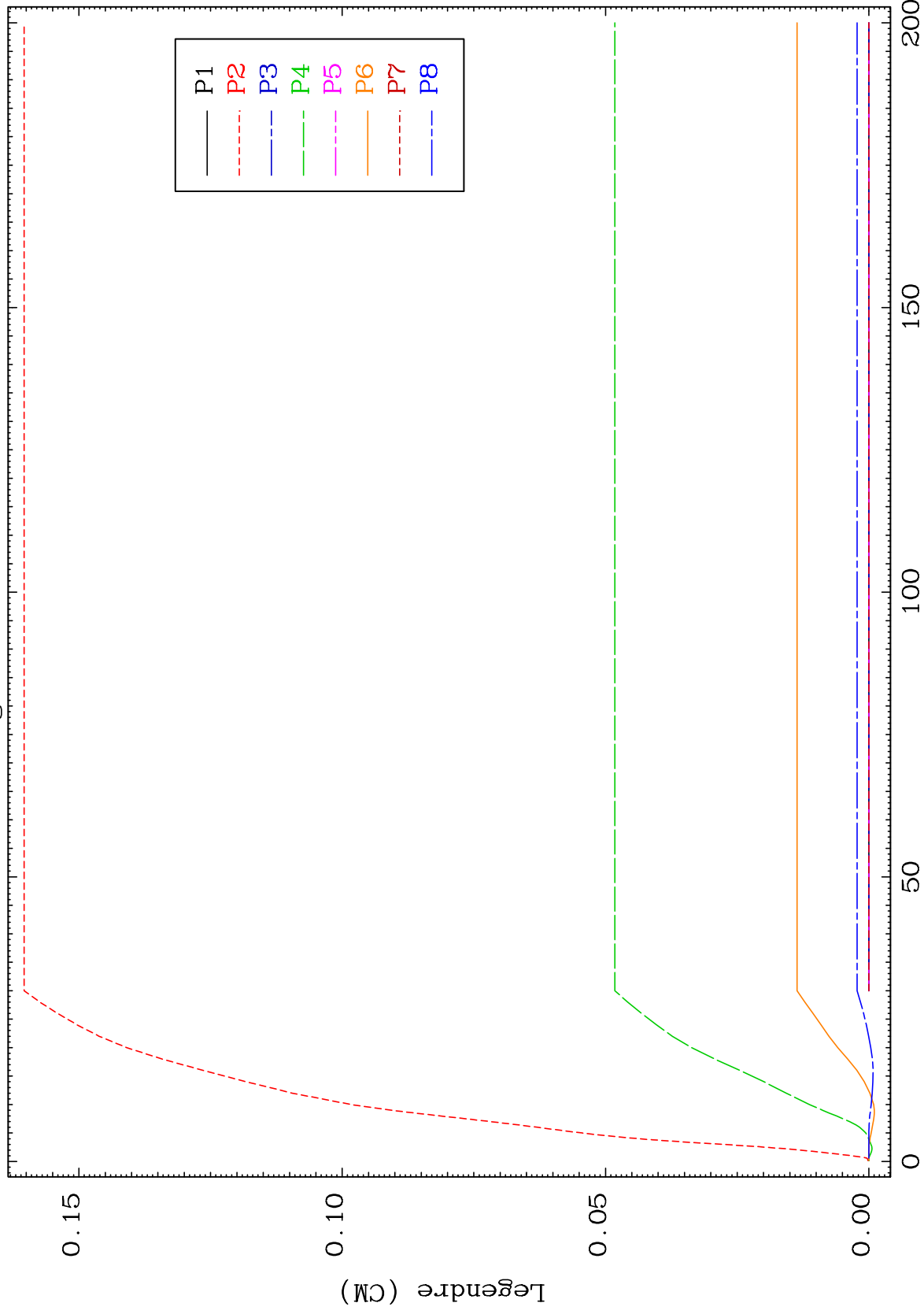
Incident Energy (MeV)

30

MAT 5328

133.6 keV (n,n') Level  
Legendre Coefficients

53-I -128

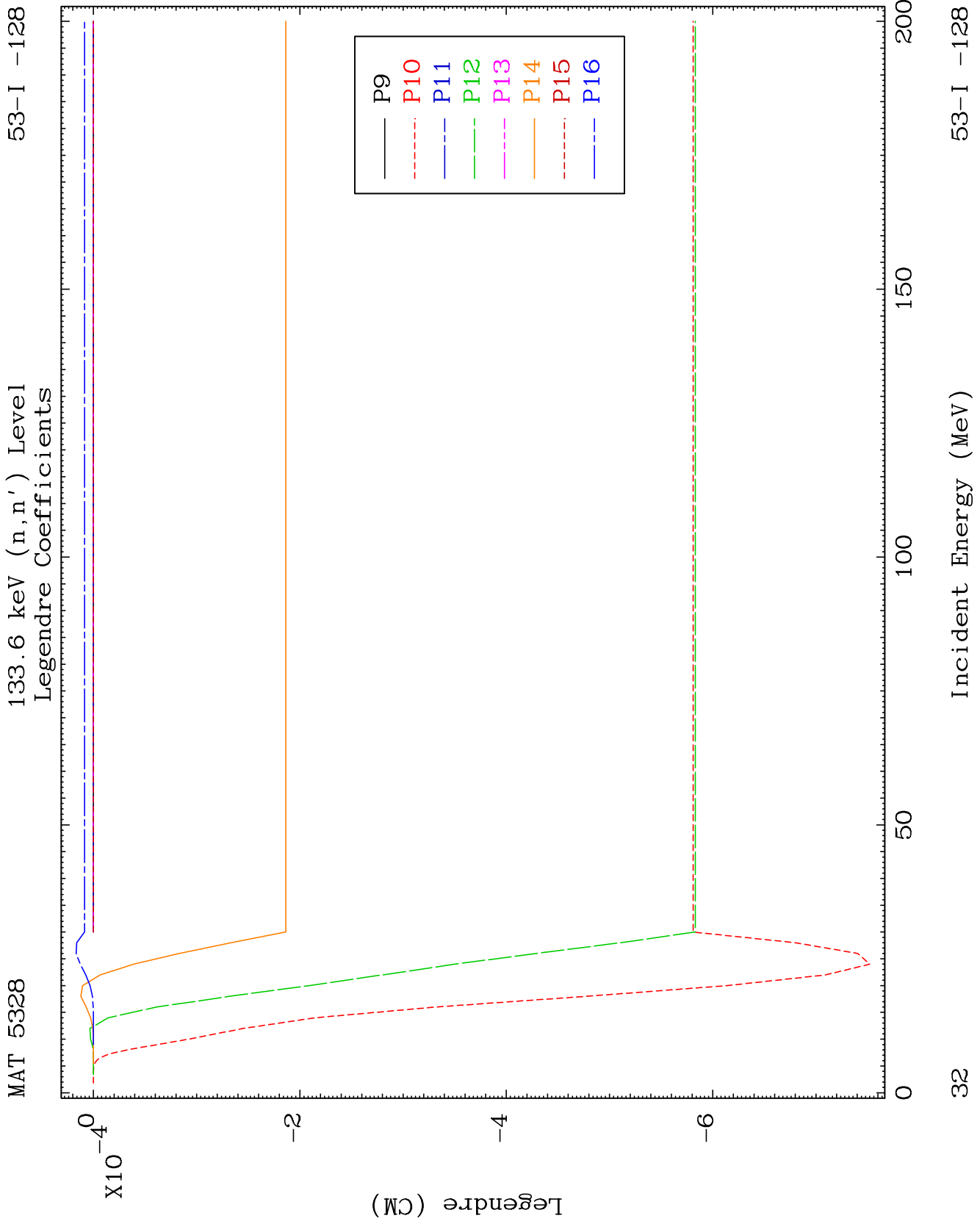


31

Incident Energy (MeV)

53-I -128



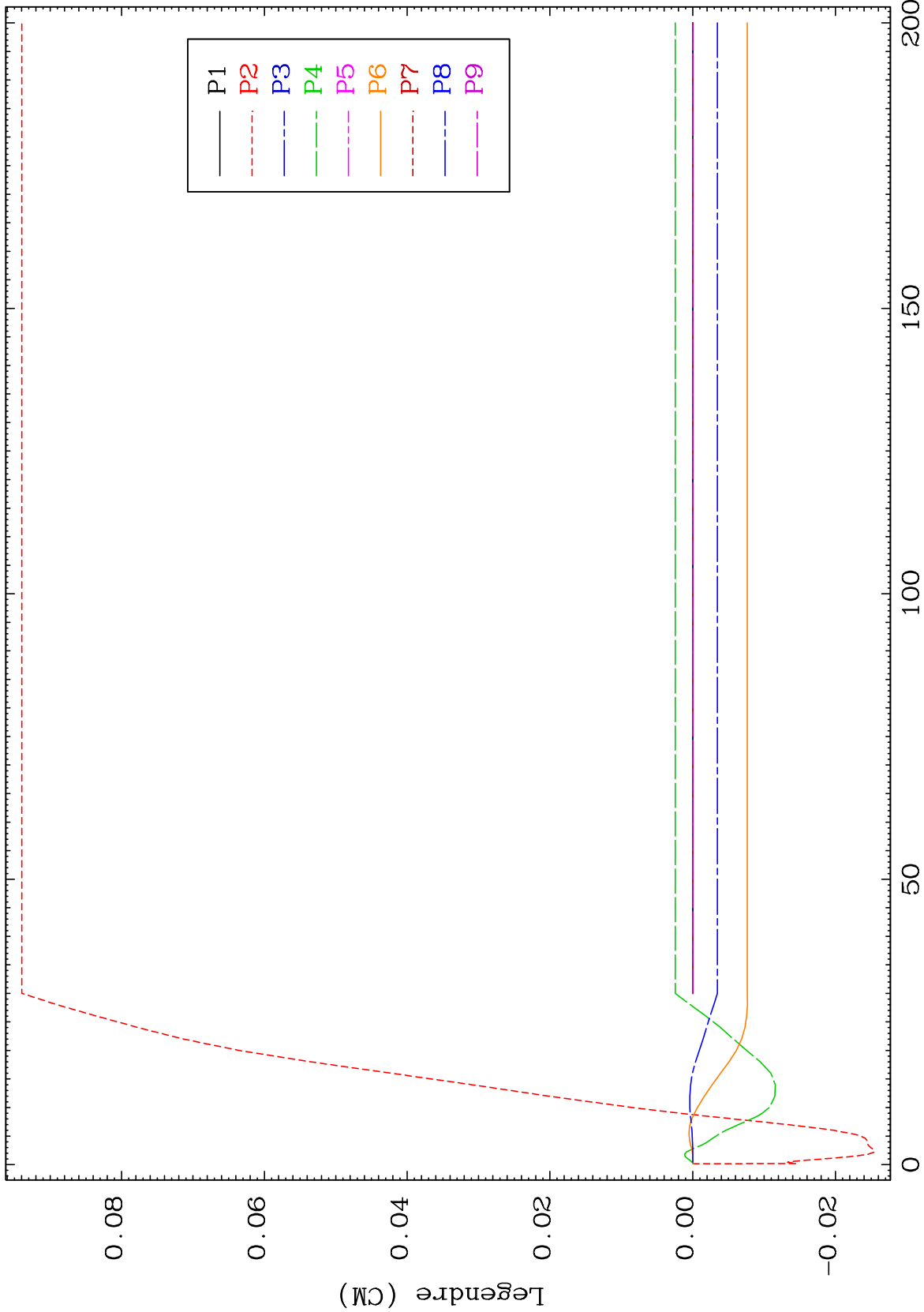




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137.8 keV (n,n') Level  
Legendre Coefficients

53-I -128



34

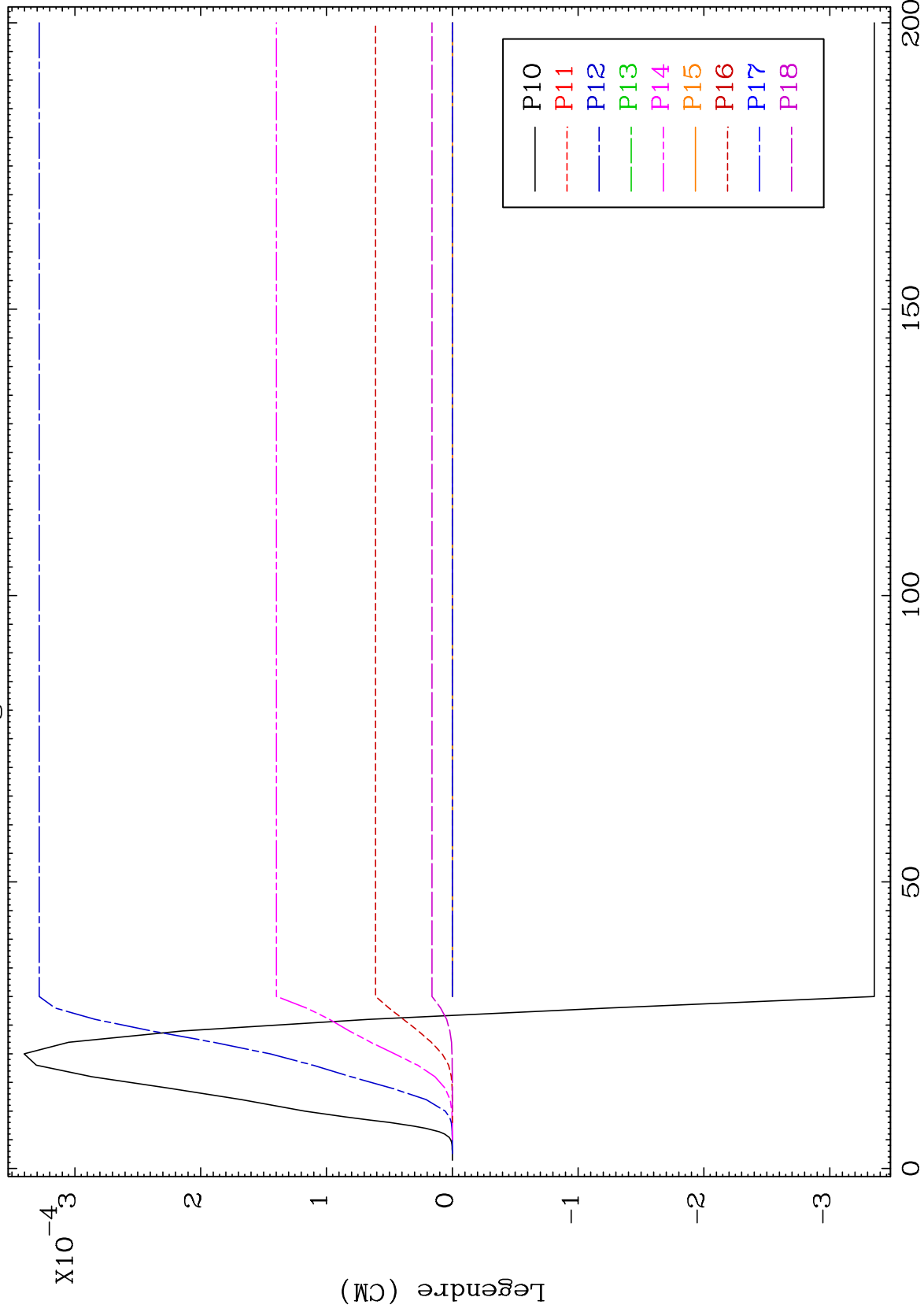
Incident Energy (MeV)

53-I -128

MAT 5328

137.8 keV (n,n') Level  
Legendre Coefficients

53-I -128

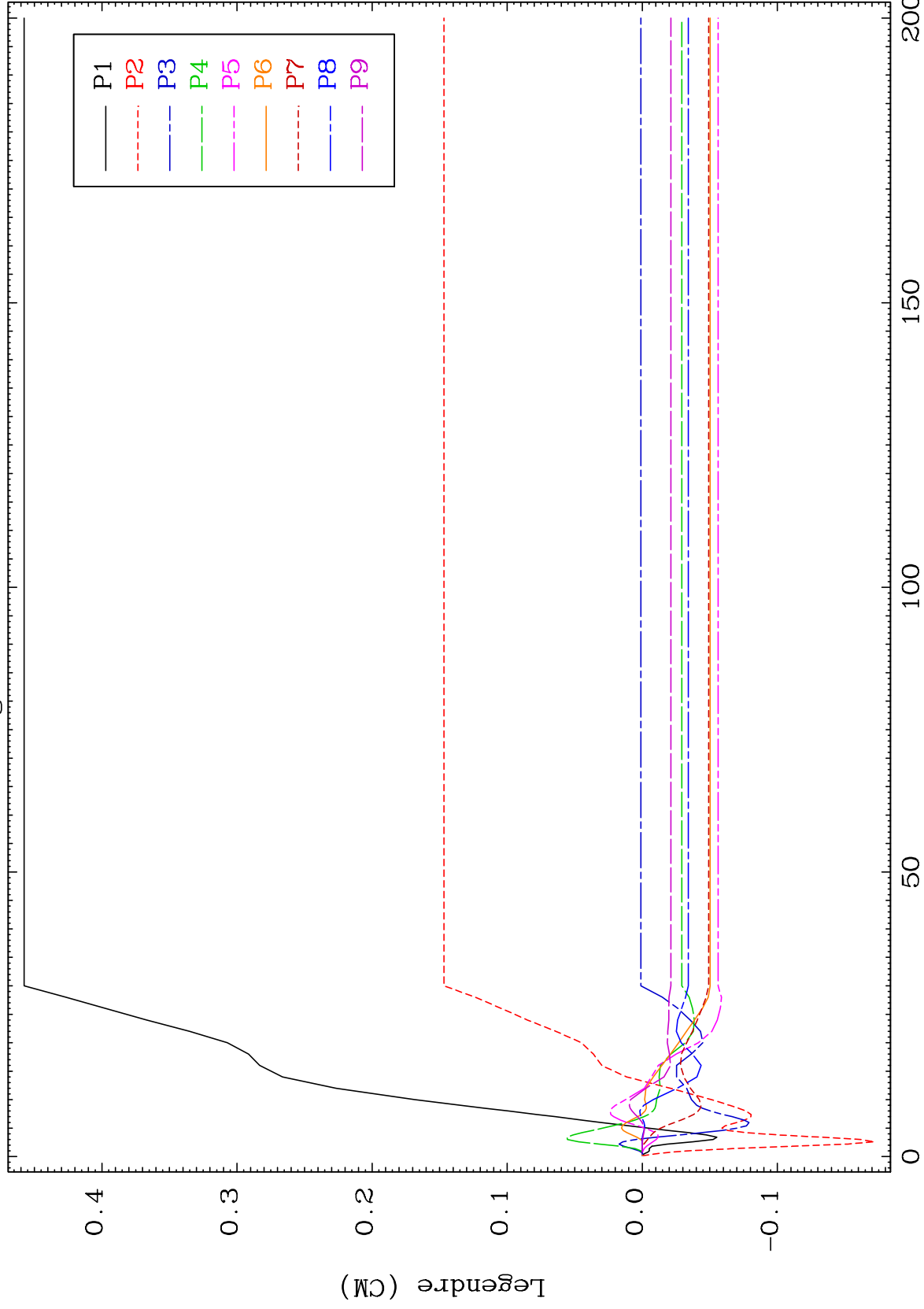


35

Incident Energy (MeV)

53-I -128

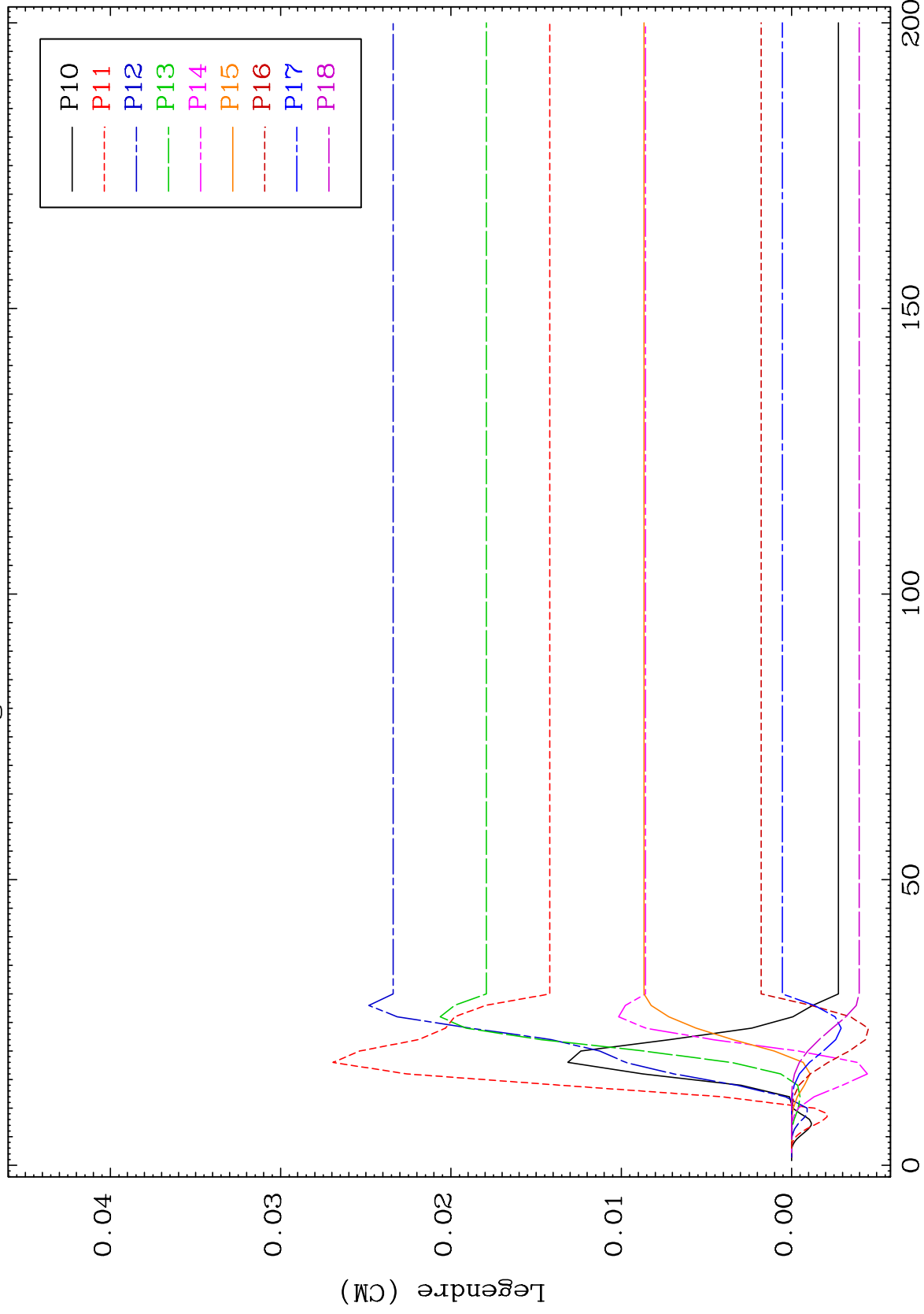




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144.0 keV (n,n') Level  
Legendre Coefficients

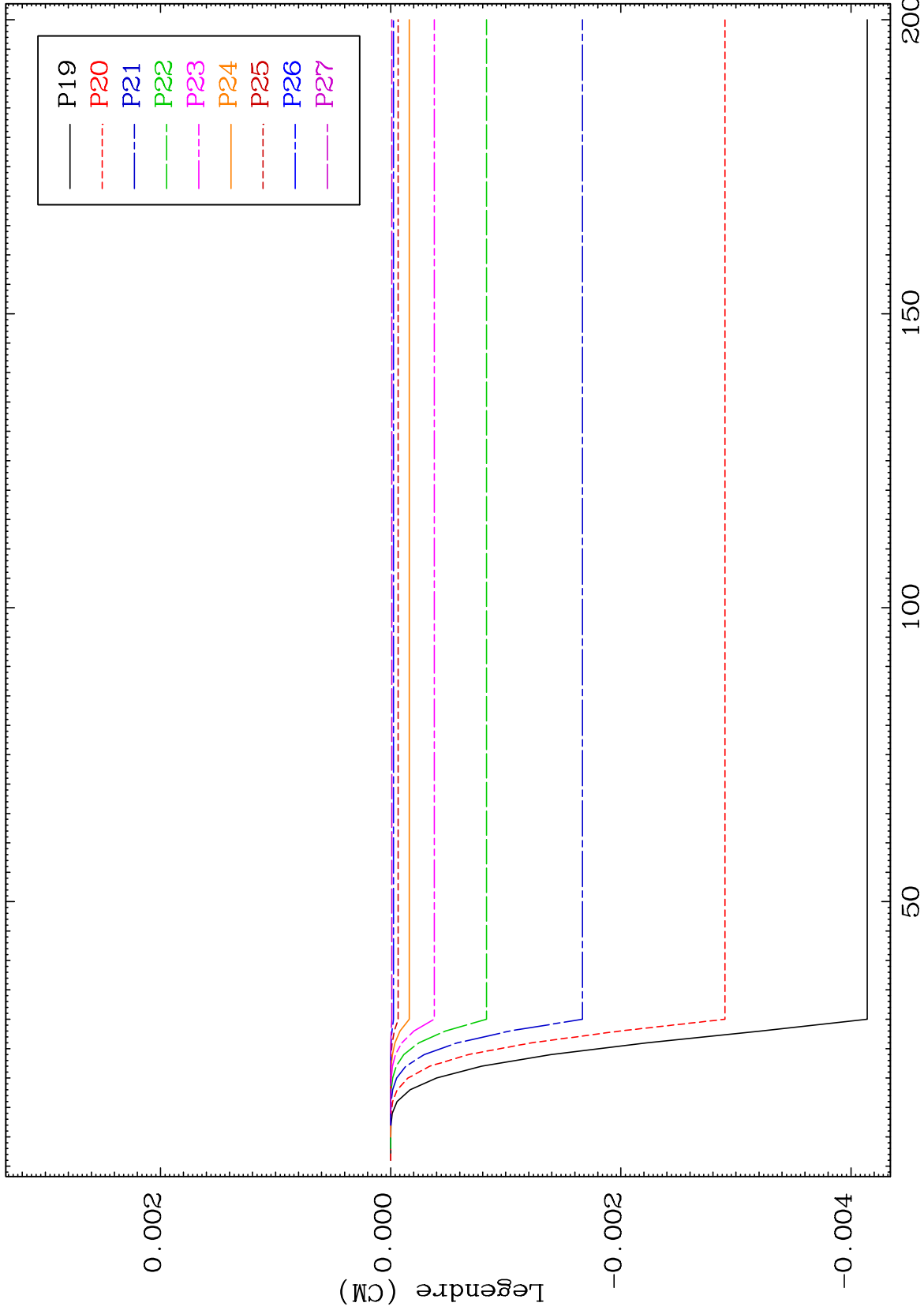
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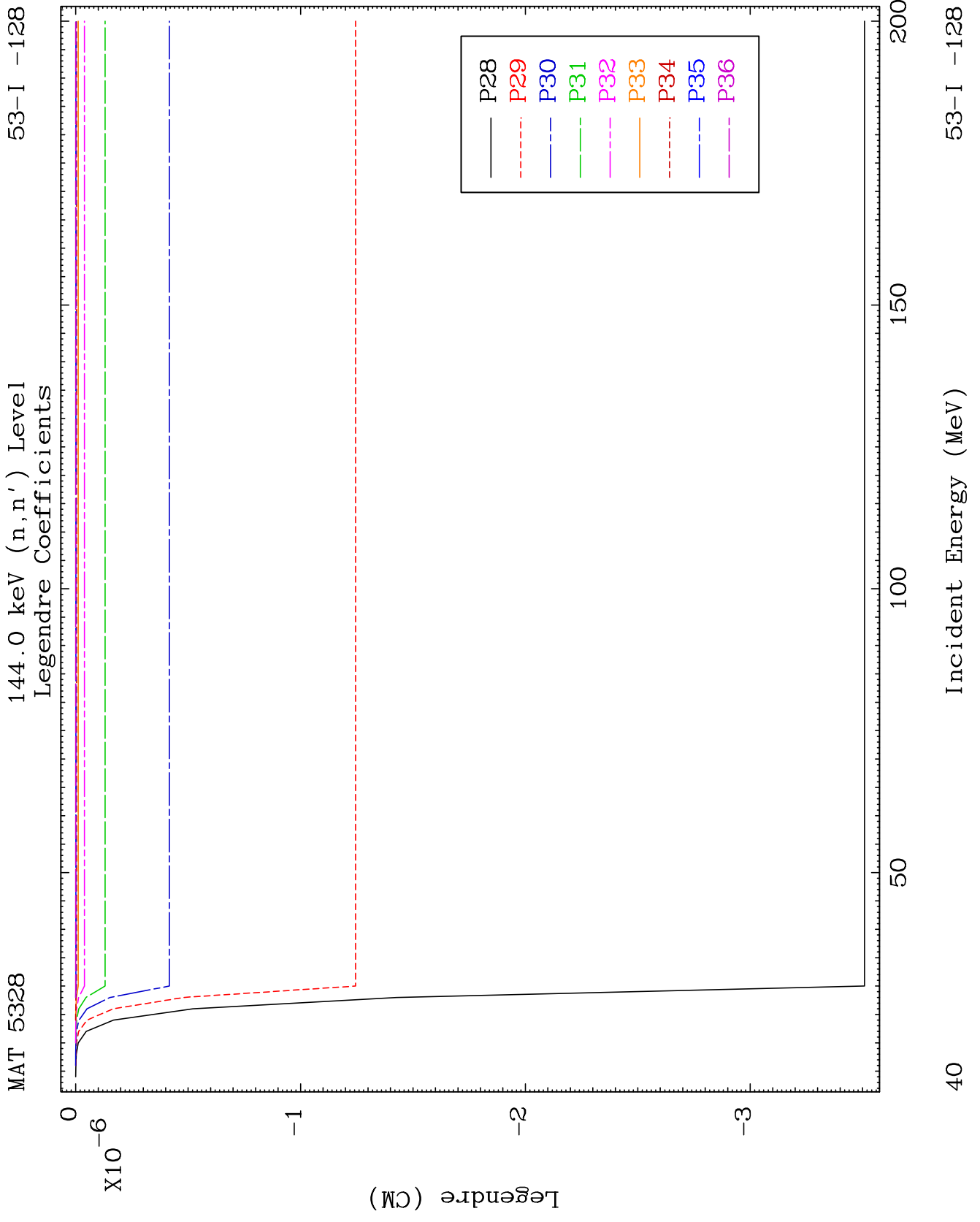
38

Incident Energy (MeV)

53-I -128



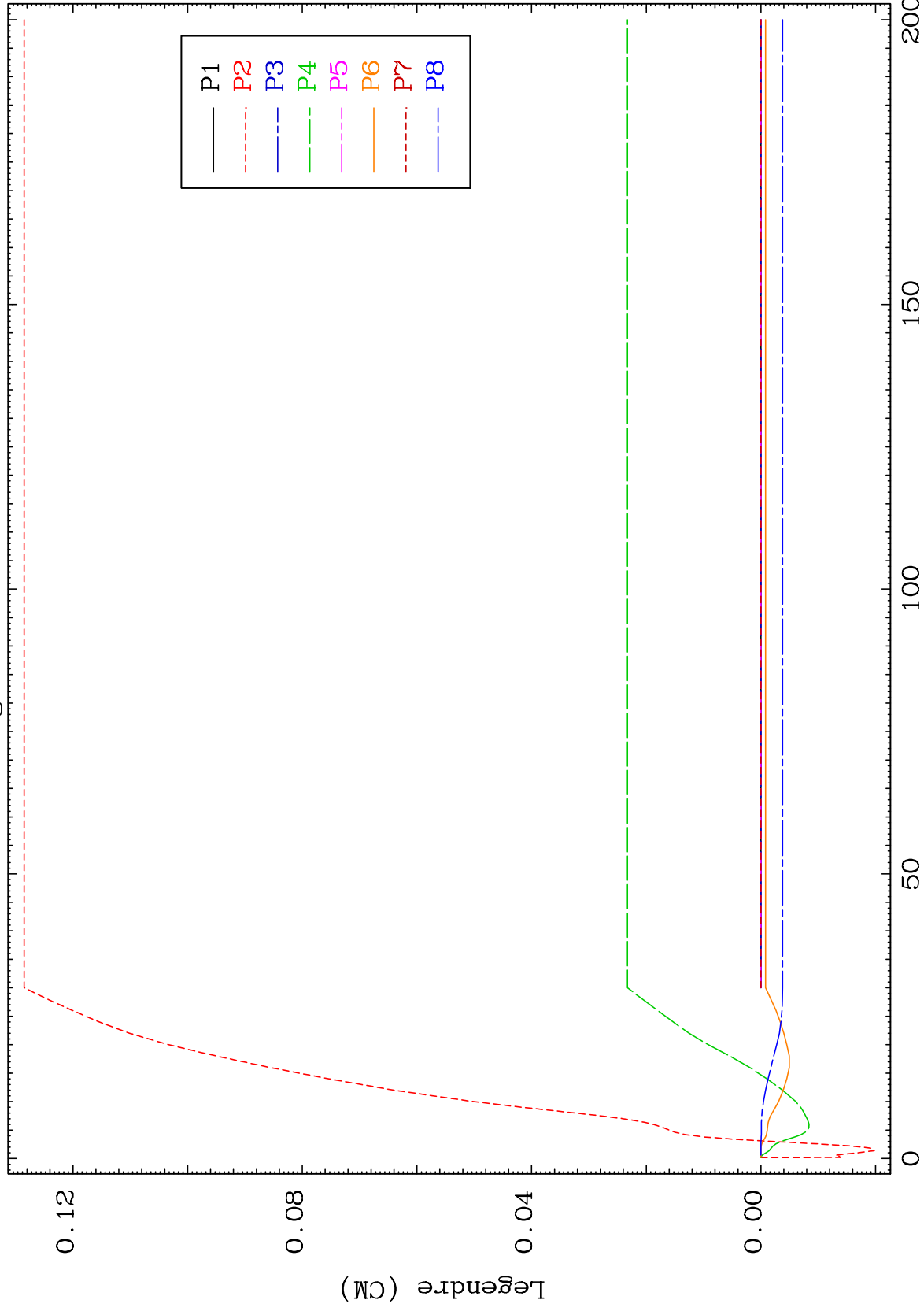




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151.6 keV (n,n') Level  
Legendre Coefficients

53-I -128



41

Incident Energy (MeV)

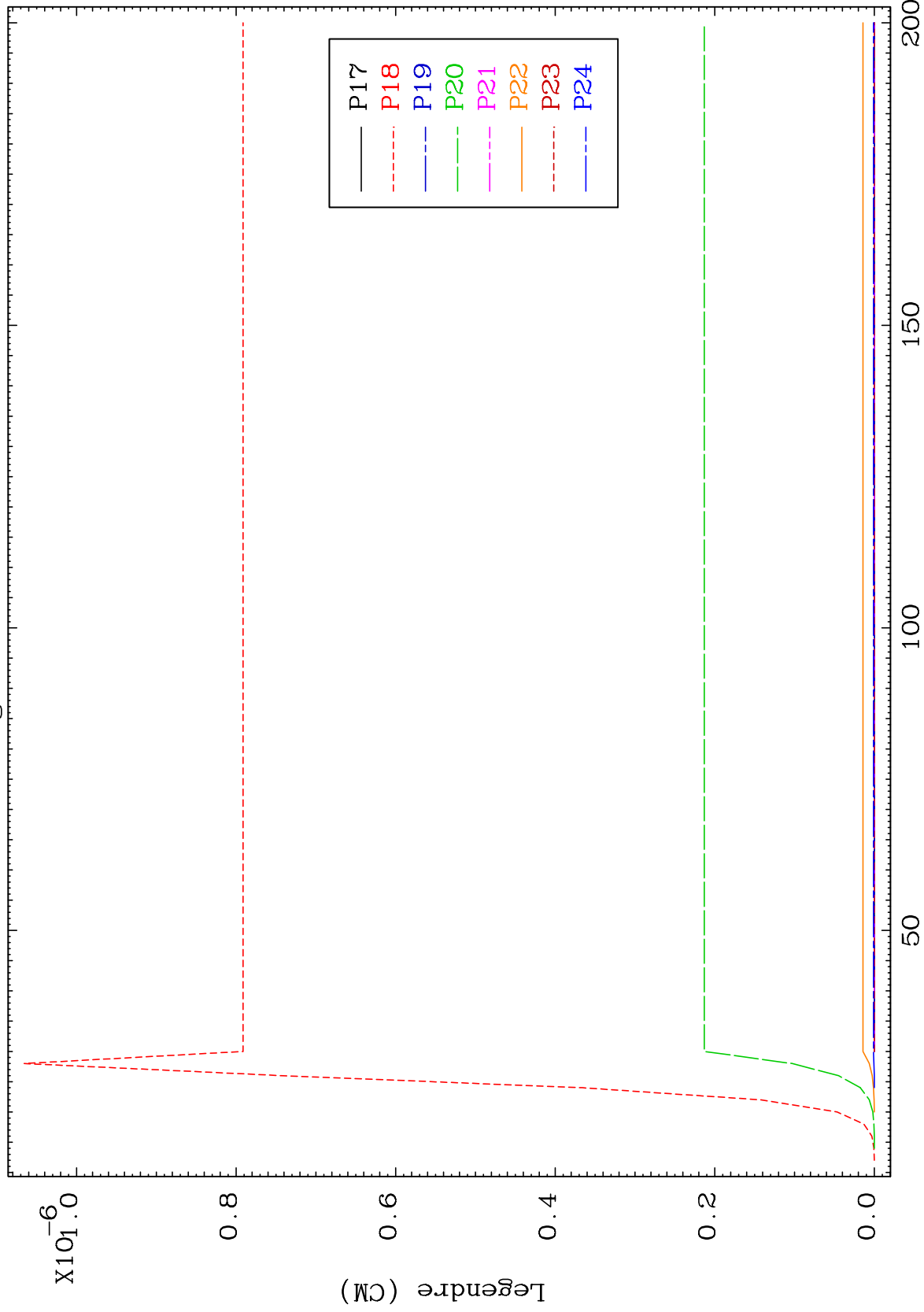
53-I -128



MAT 5328

151.6 keV (n,n') Level  
Legendre Coefficients

53-I -128

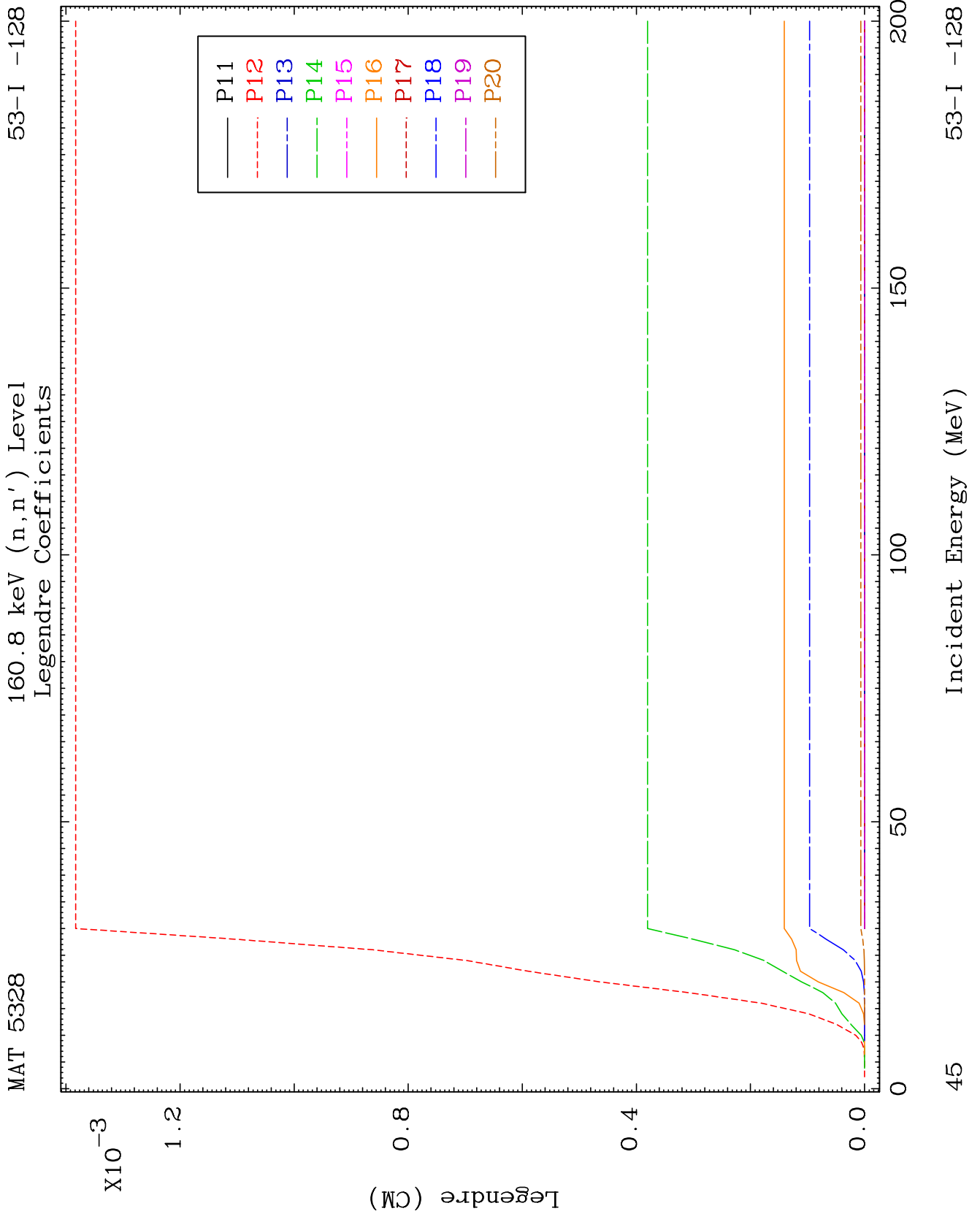


43

Incident Energy (MeV)

53-I -128



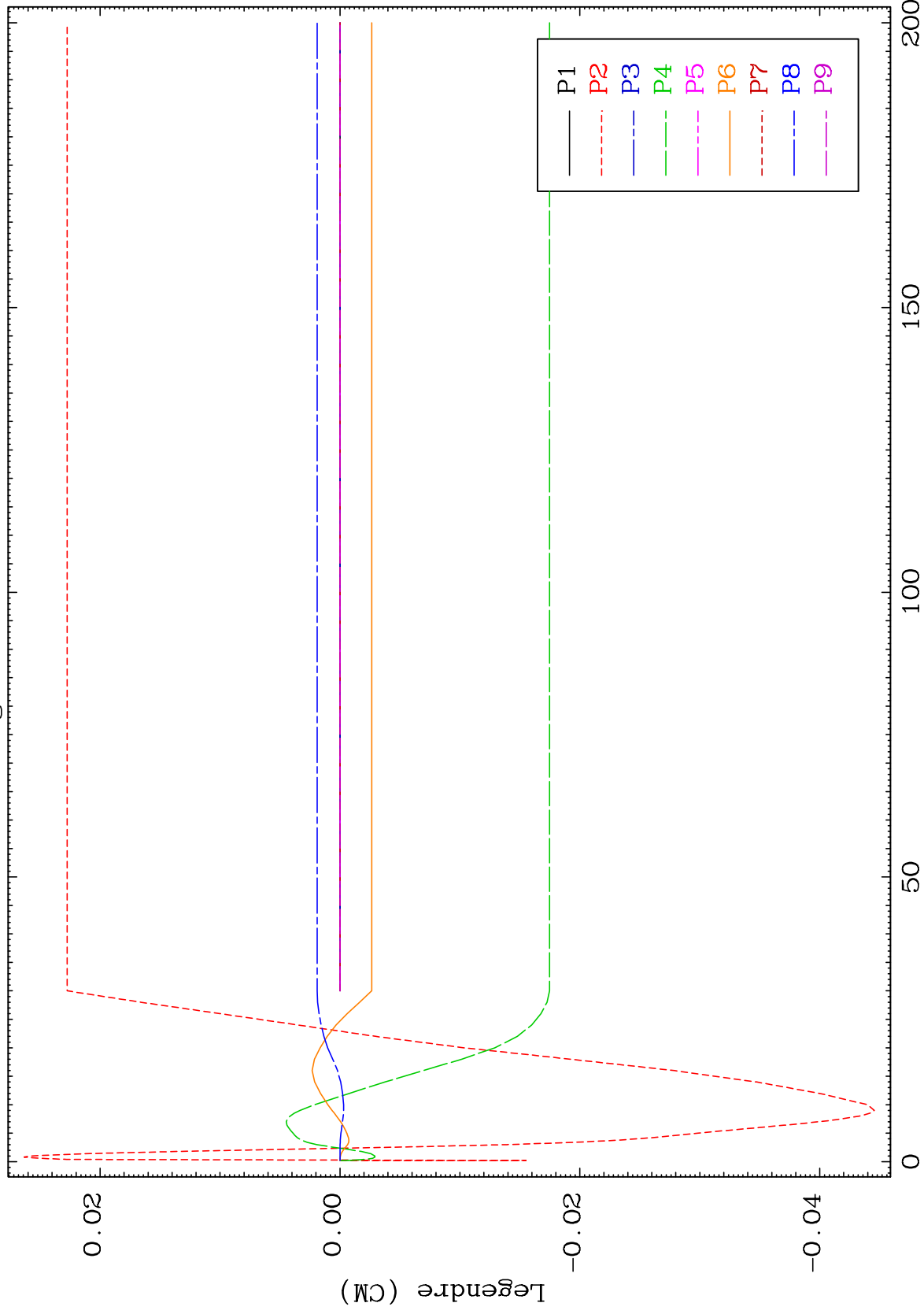




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167.4 keV (n,n') Level  
Legendre Coefficients

53-I -128

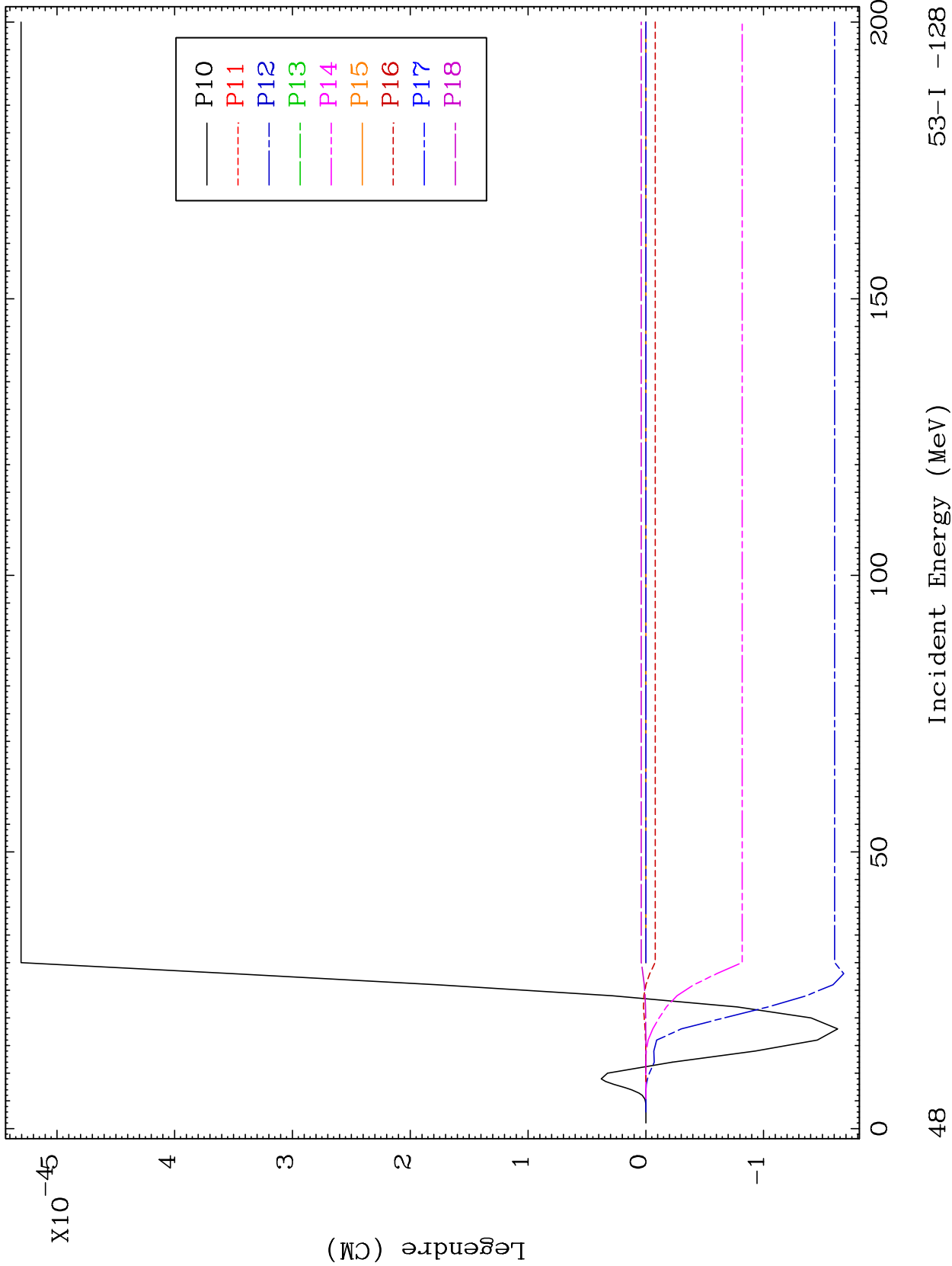


53-I -128

Incident Energy (MeV)

47



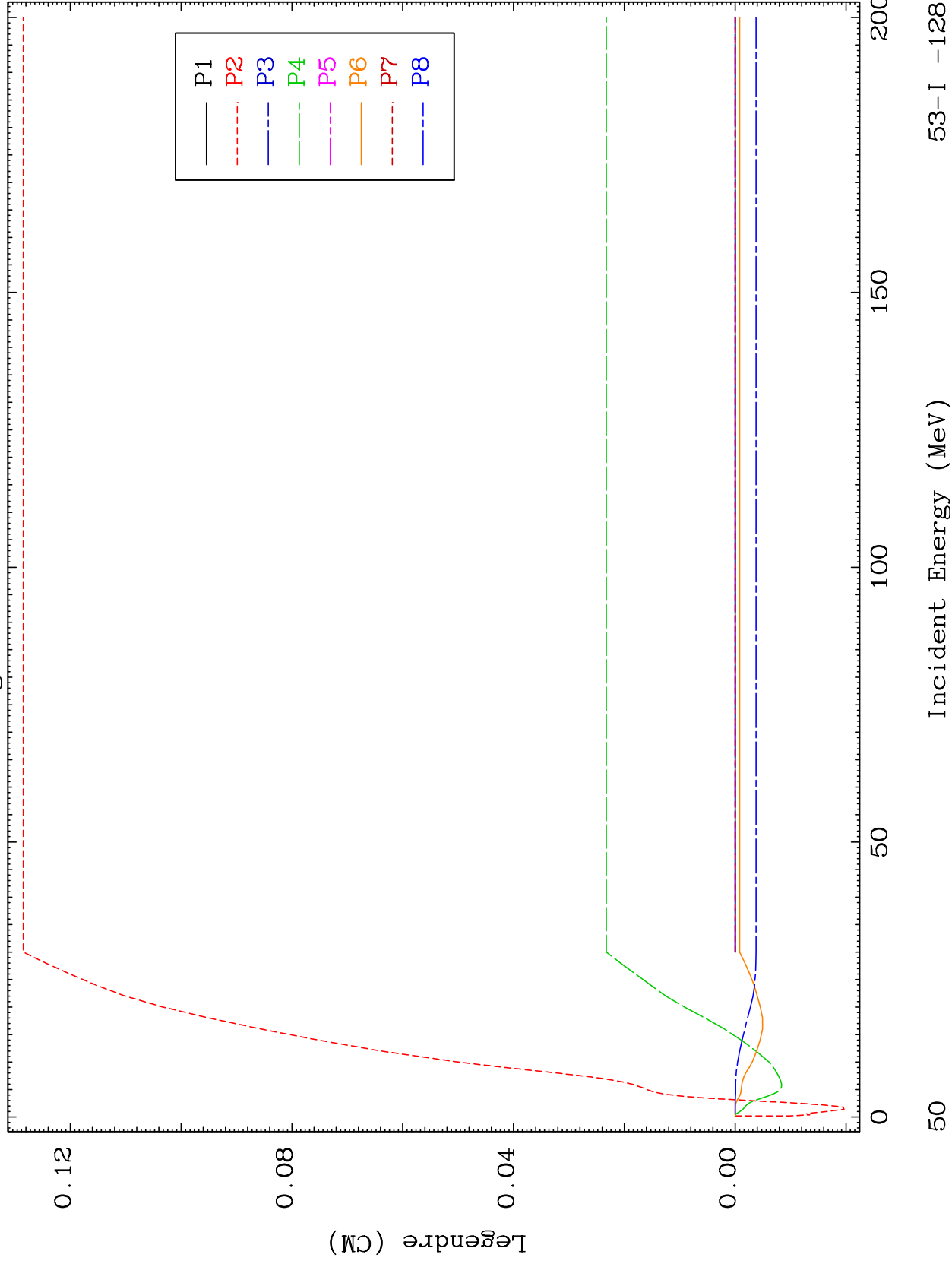




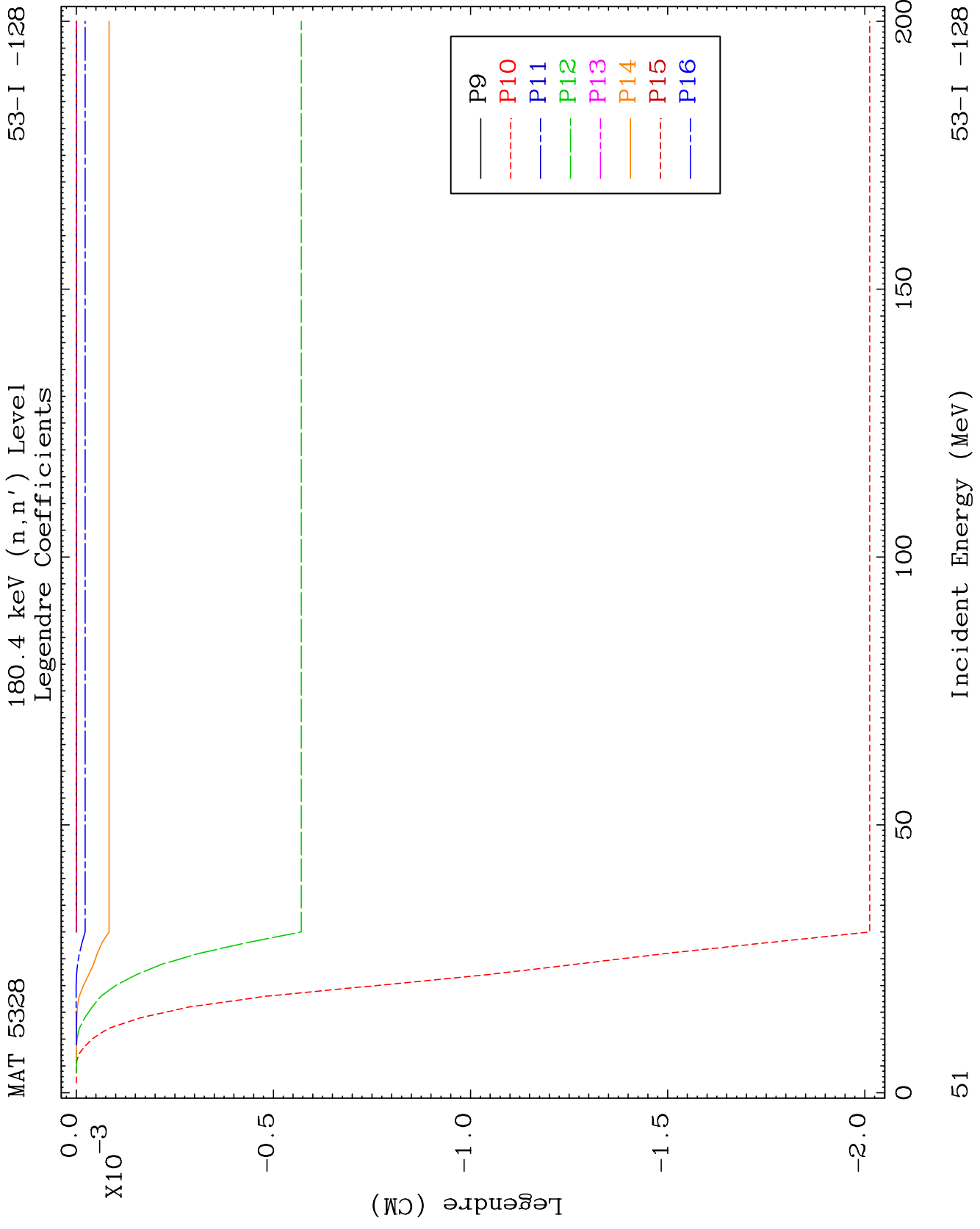
MAT 5328

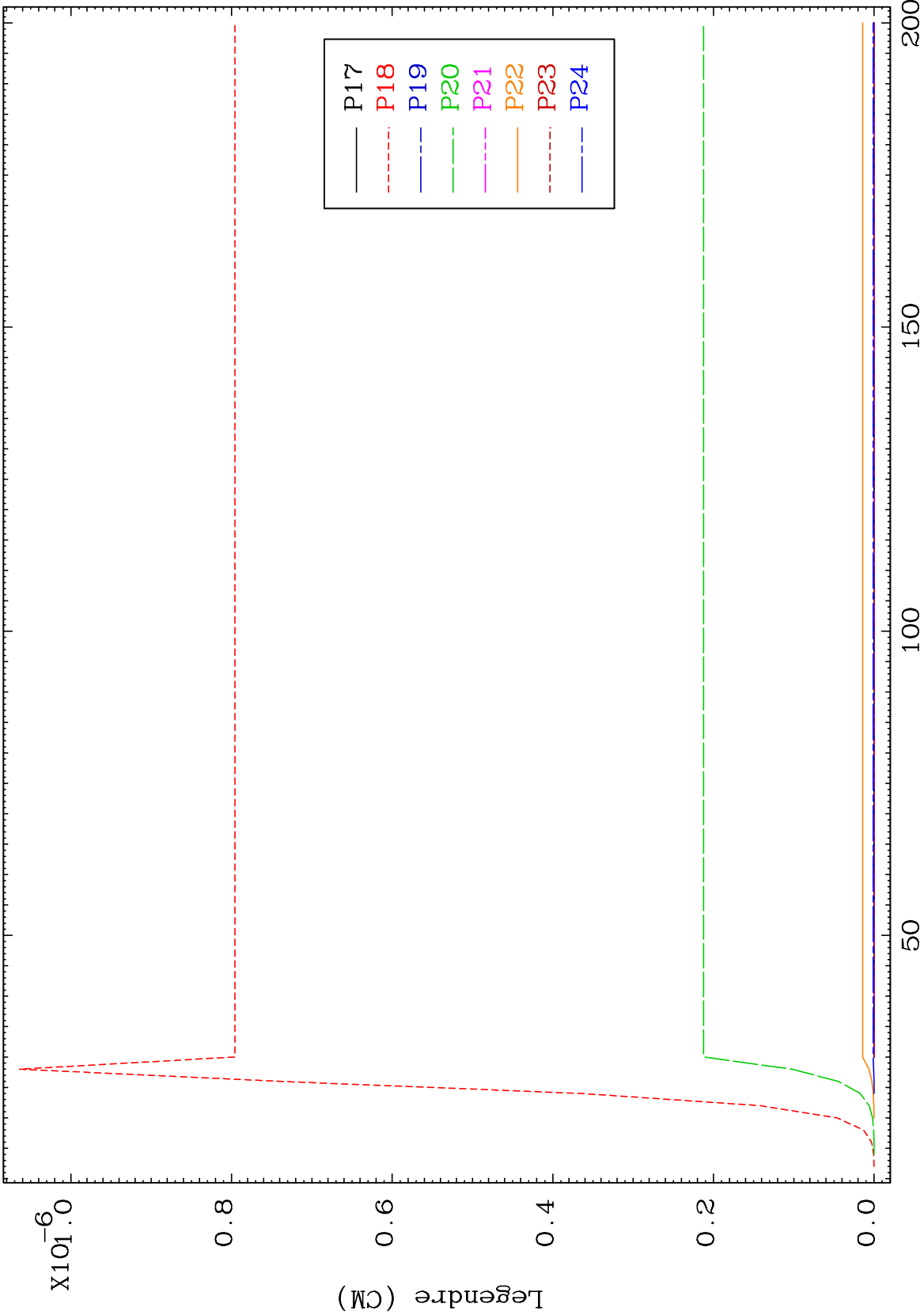
180.4 keV (n,n') Level  
Legendre Coefficients

53-I -128



53-I -128

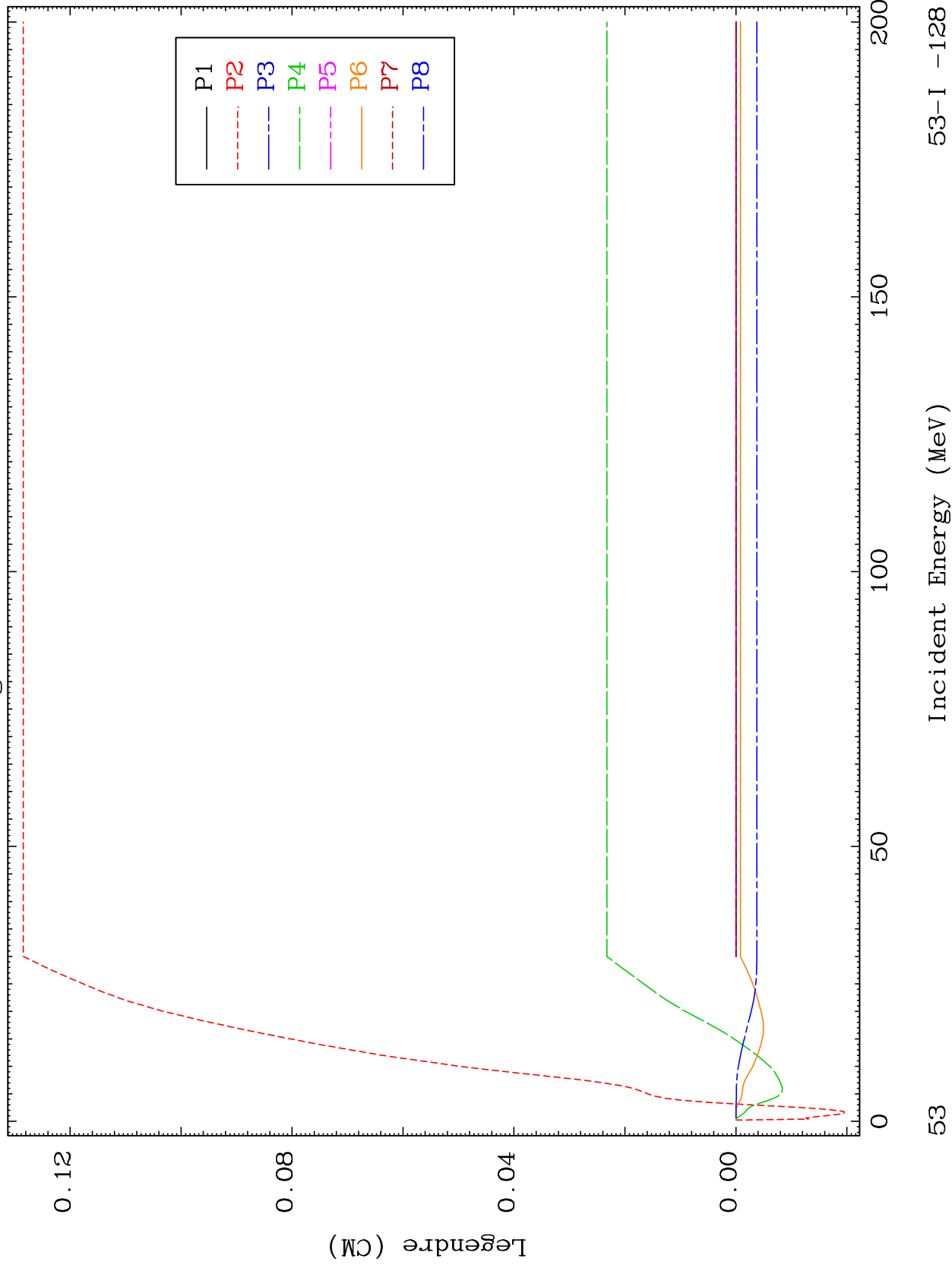




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220.9 keV (n,n') Level  
Legendre Coefficients

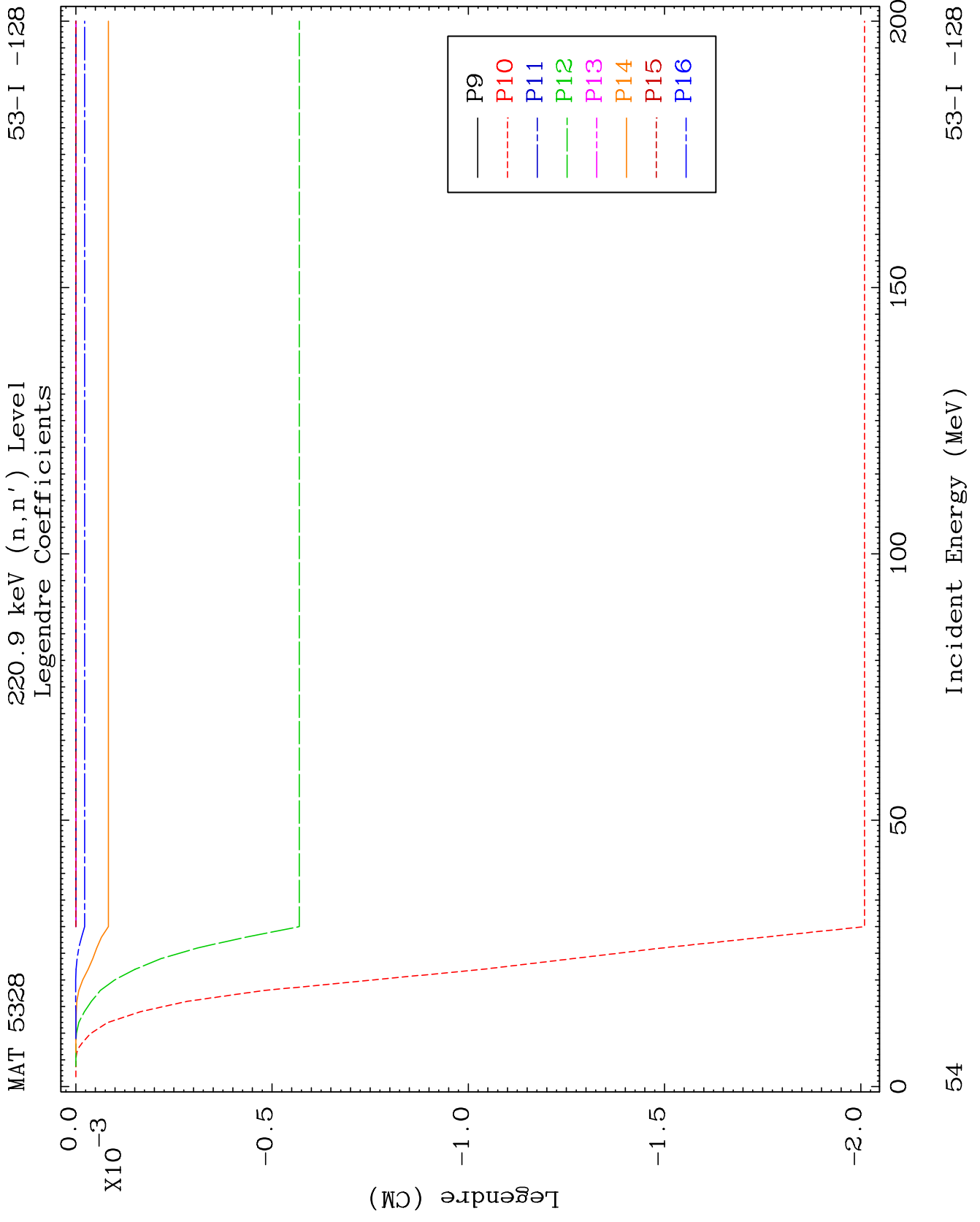
53-I -128

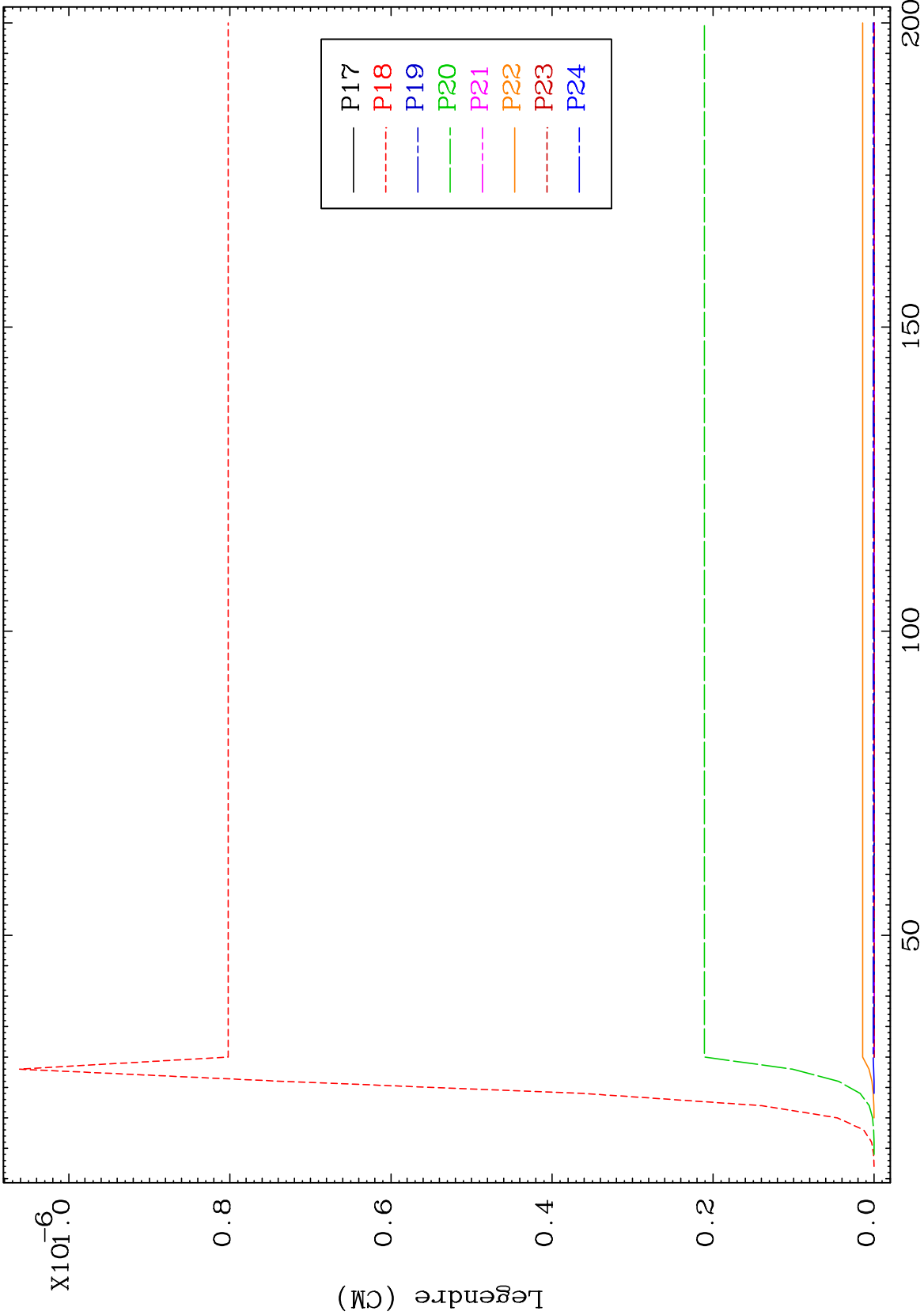


53-I -128

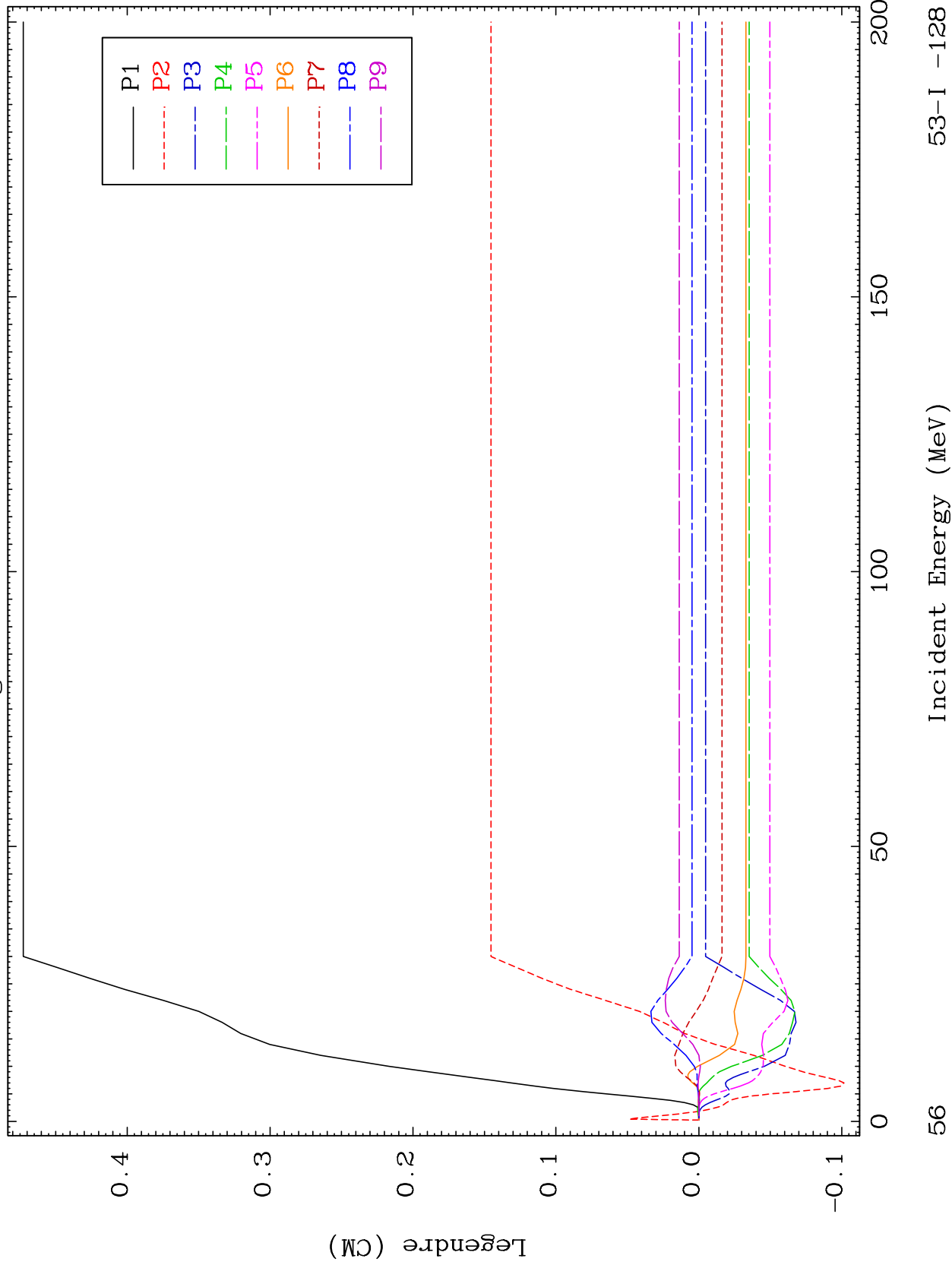
Incident Energy (MeV)

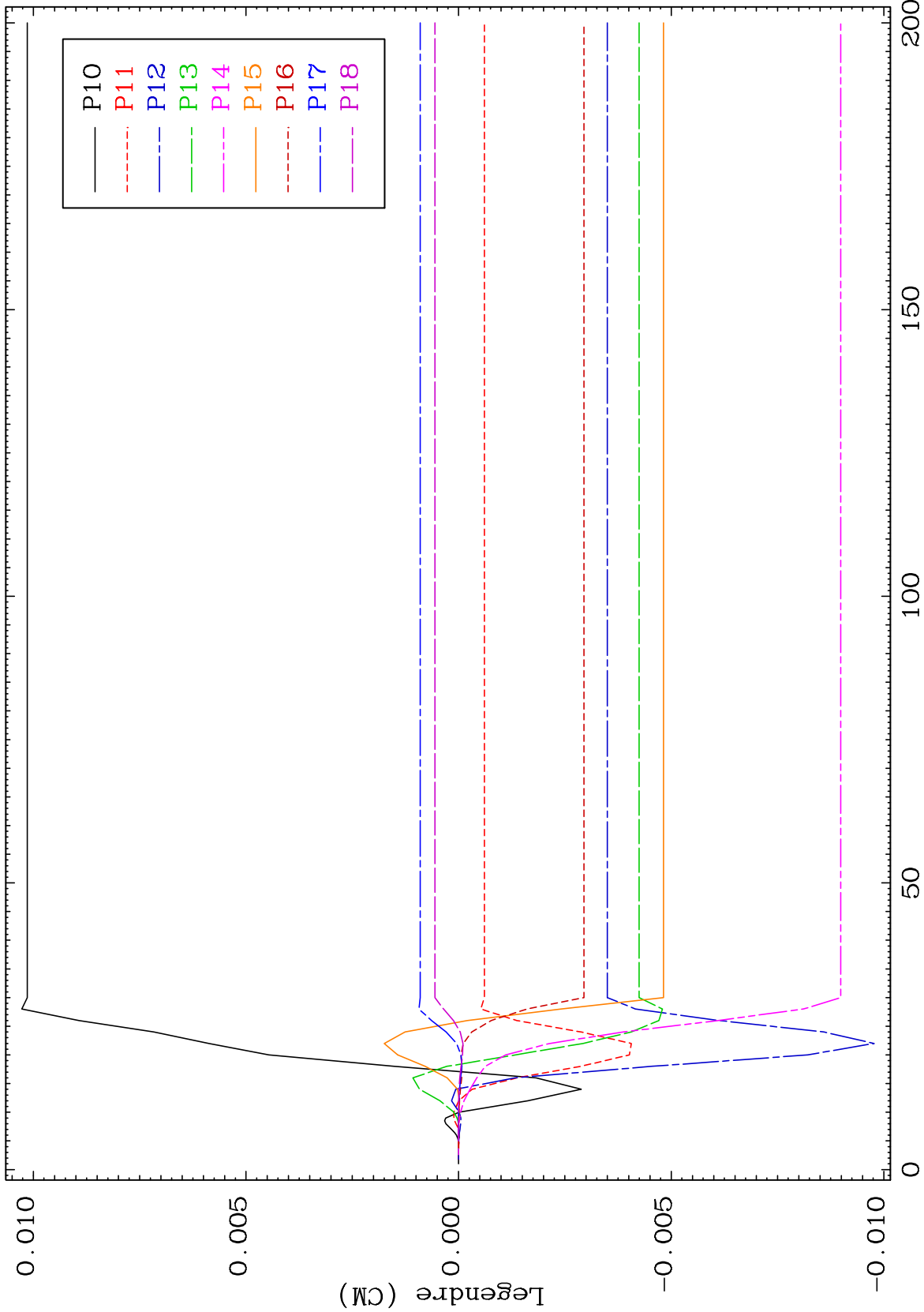
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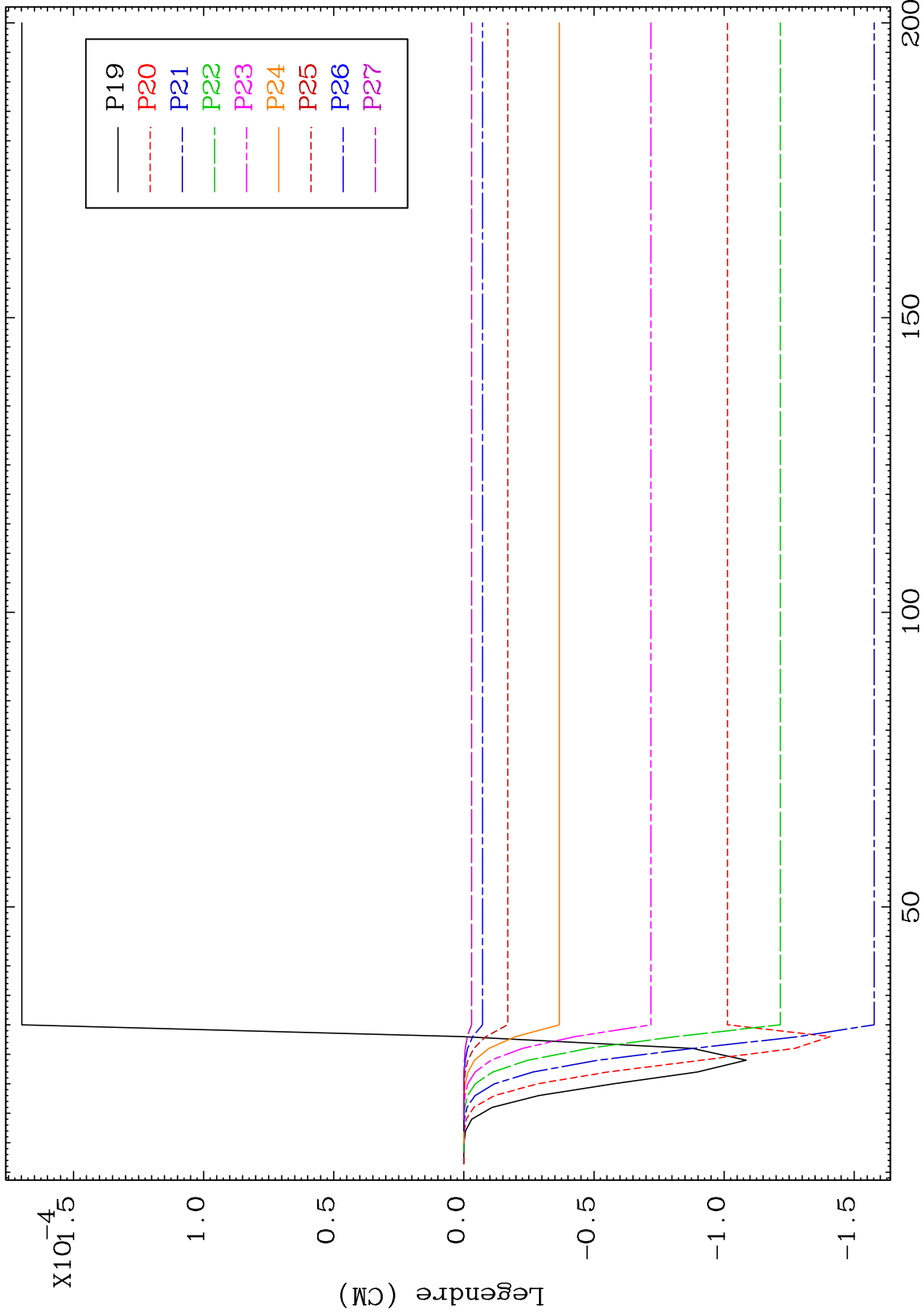


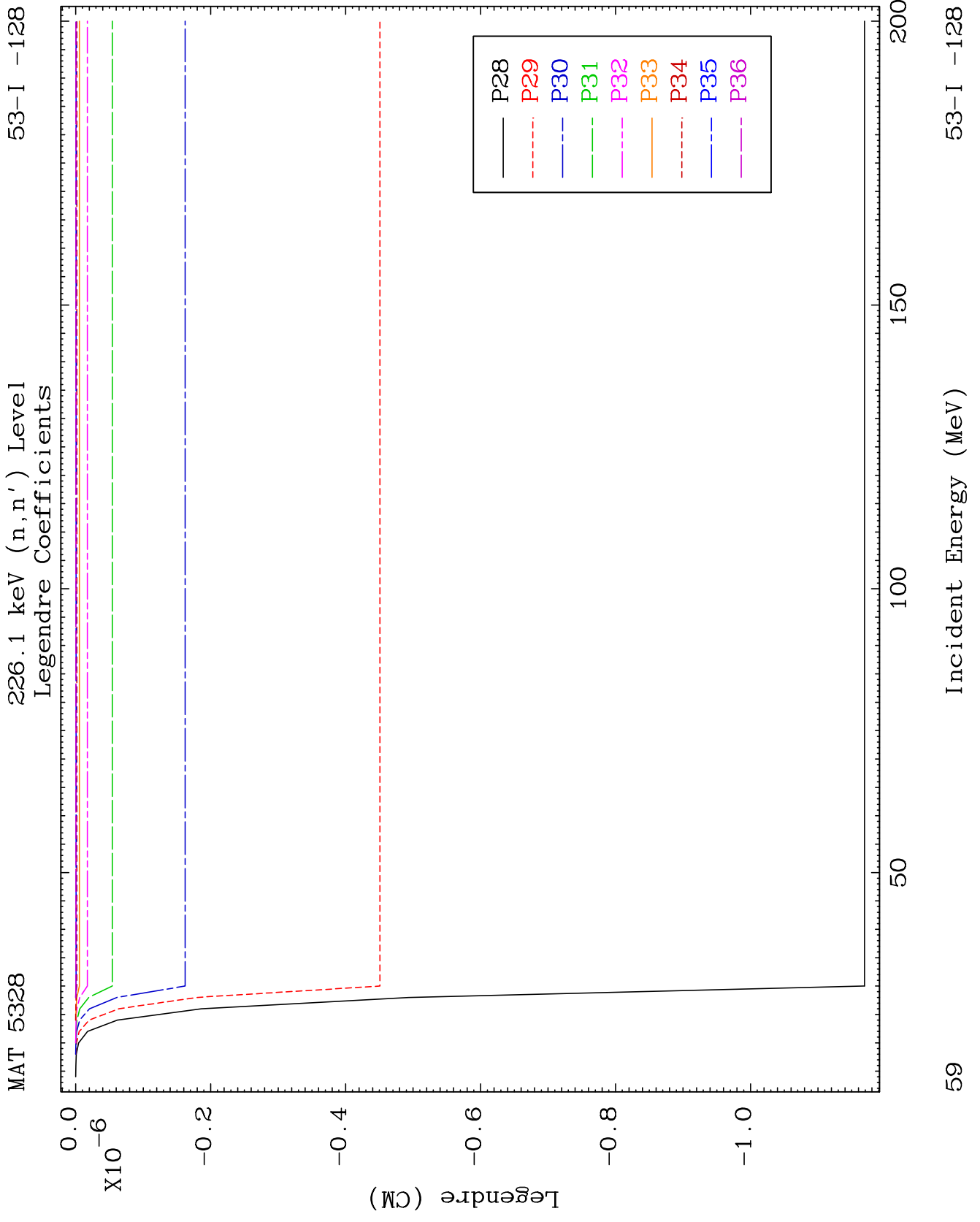








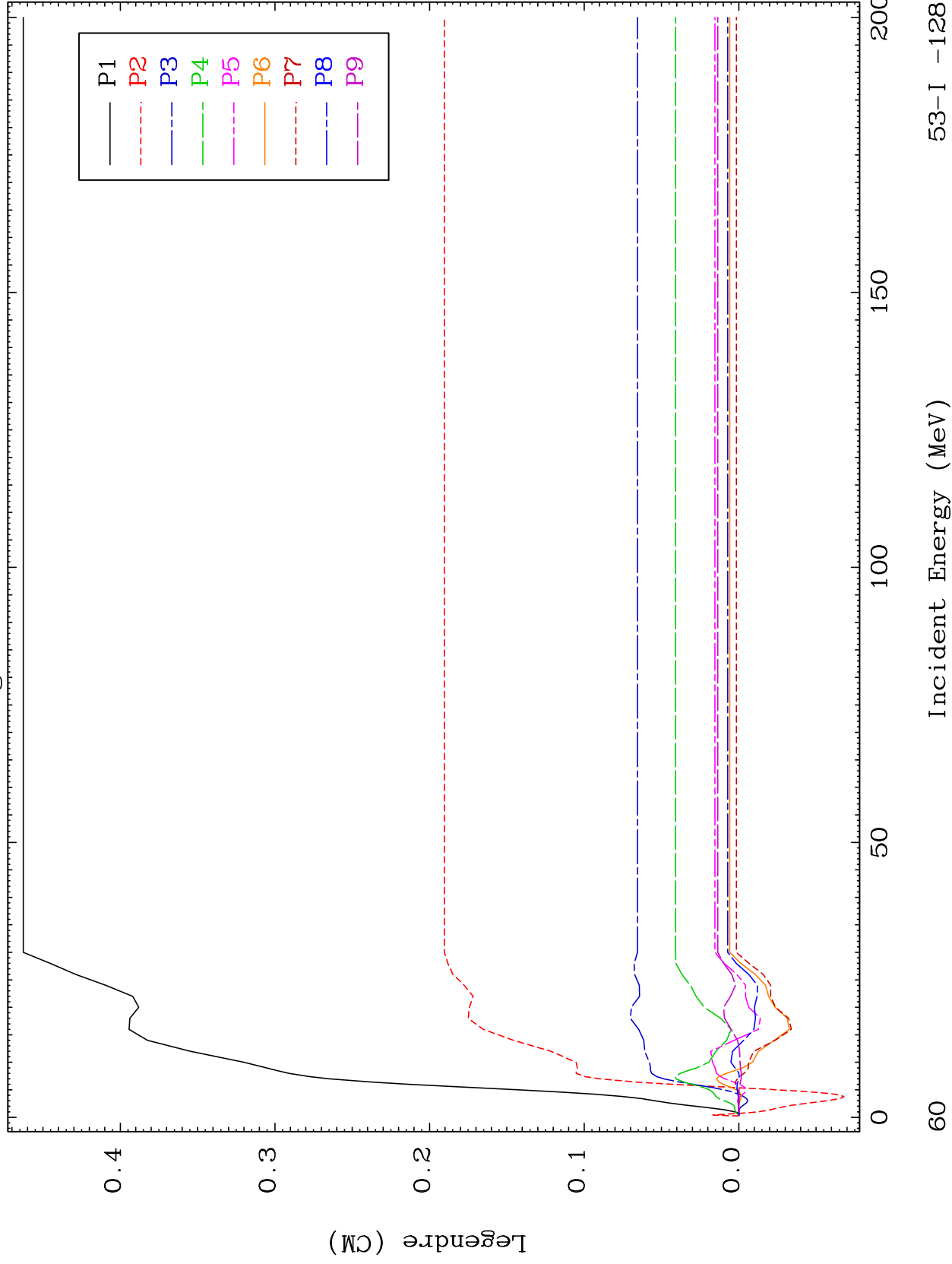


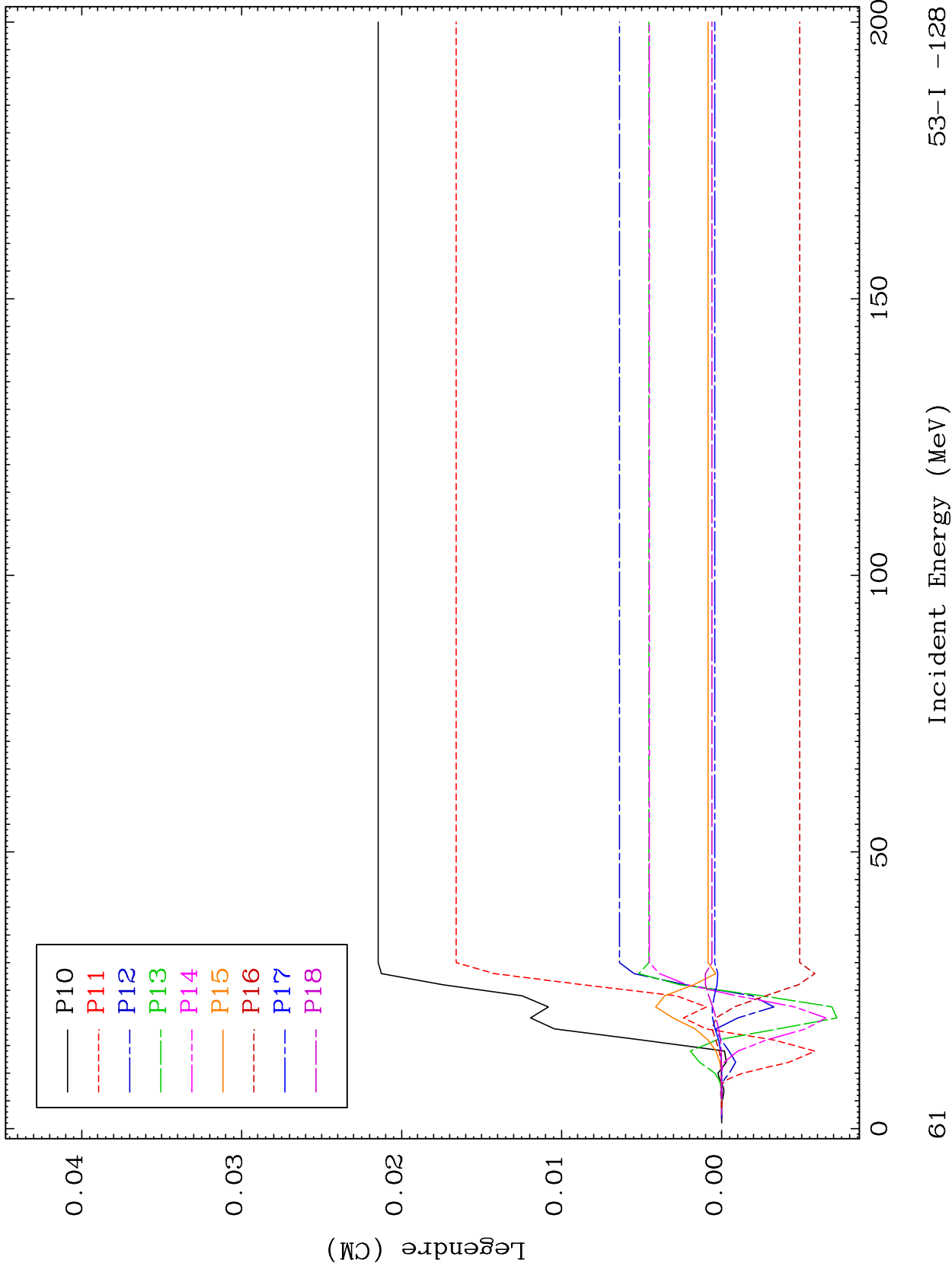


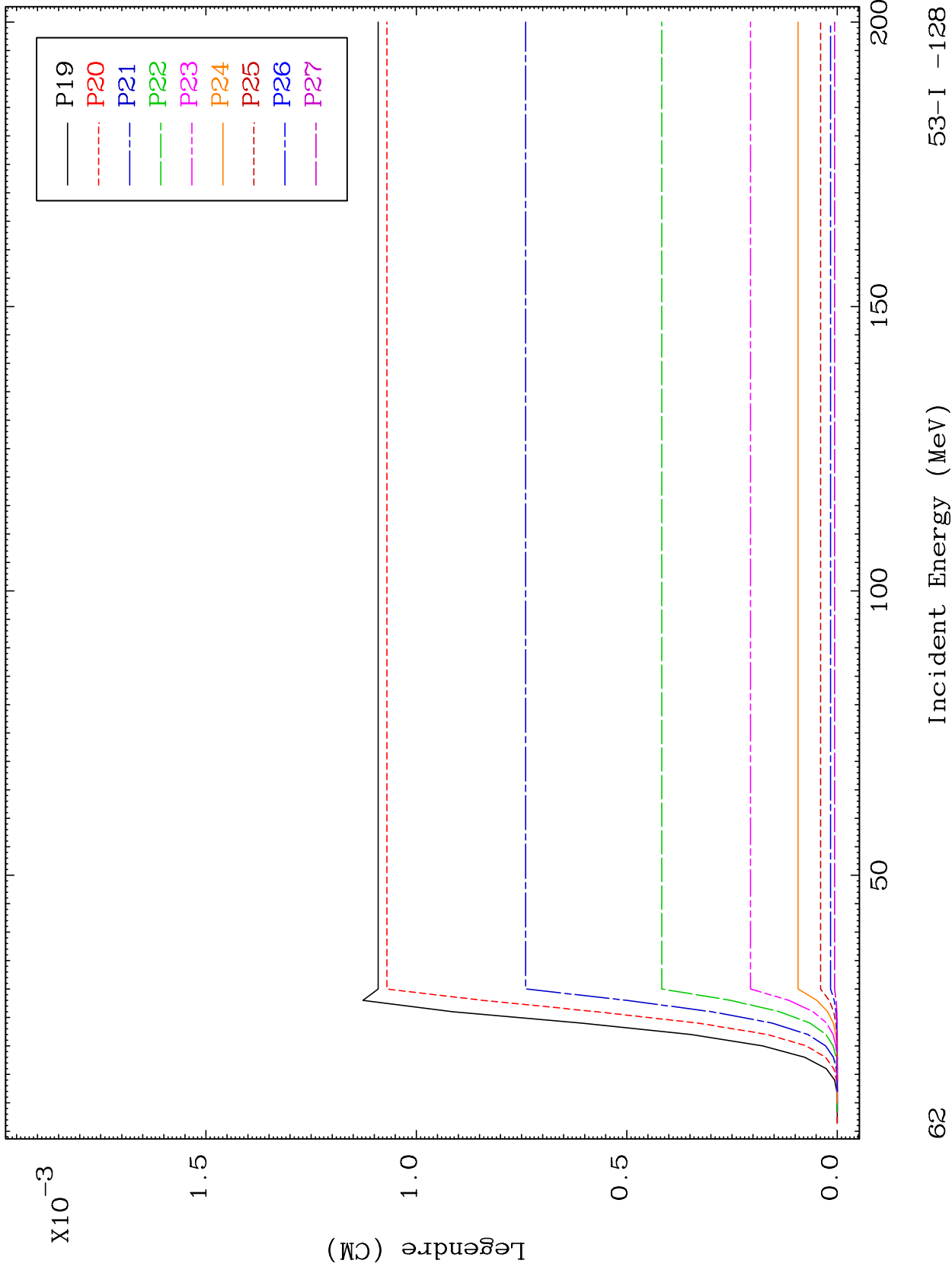
MAT 5328

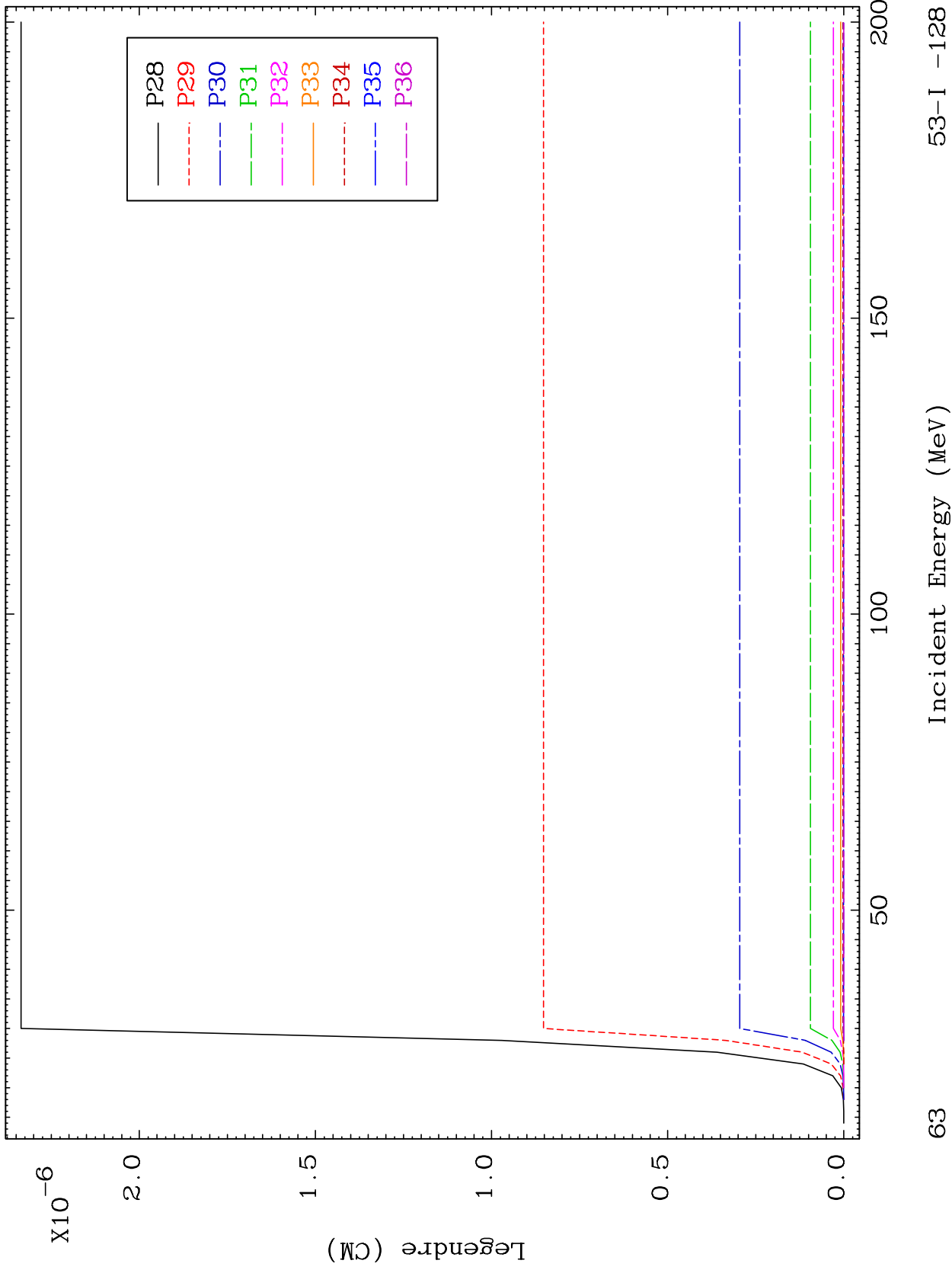
232.6 keV (n,n') Level  
Legendre Coefficients

53-I -128

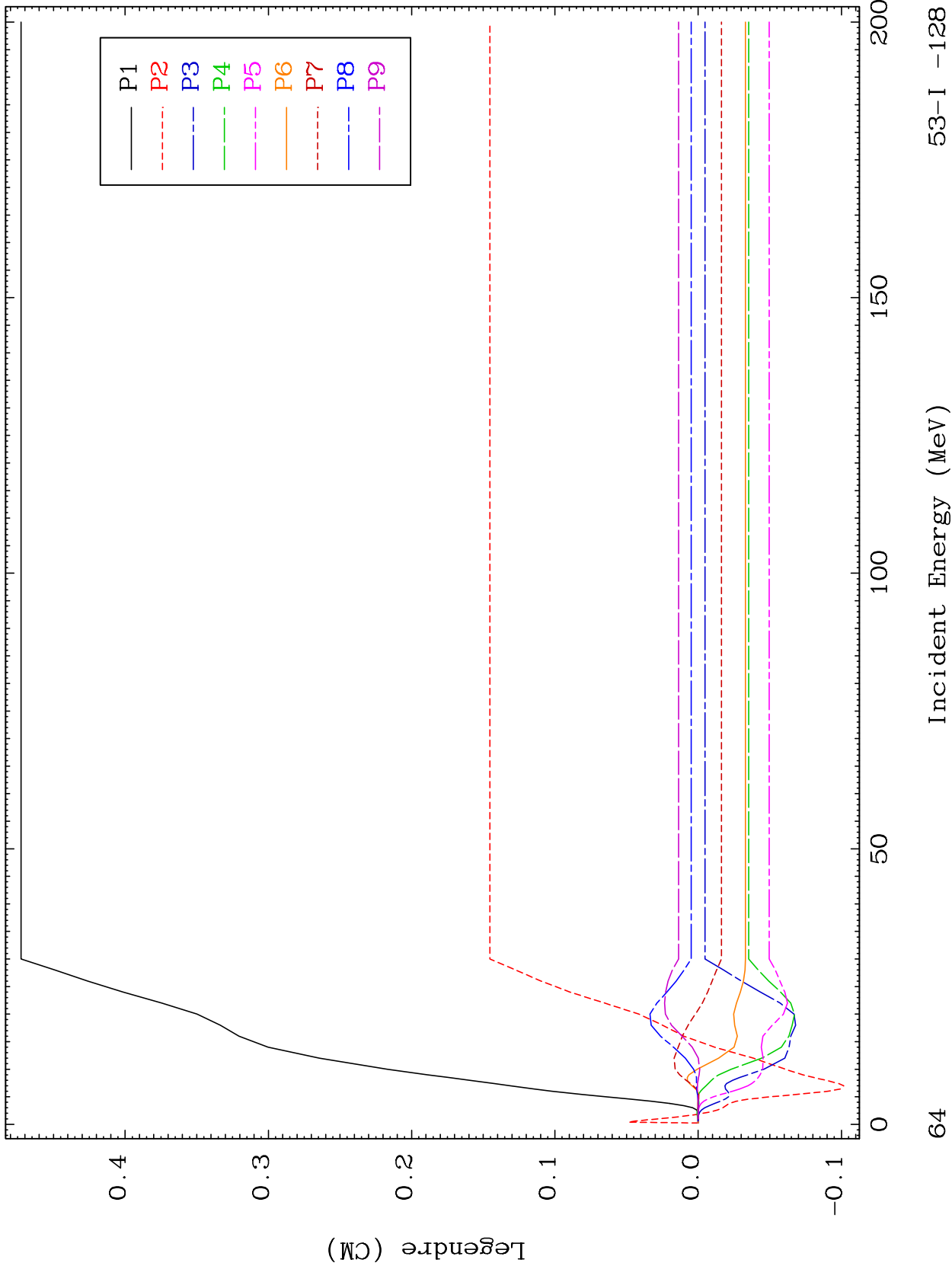








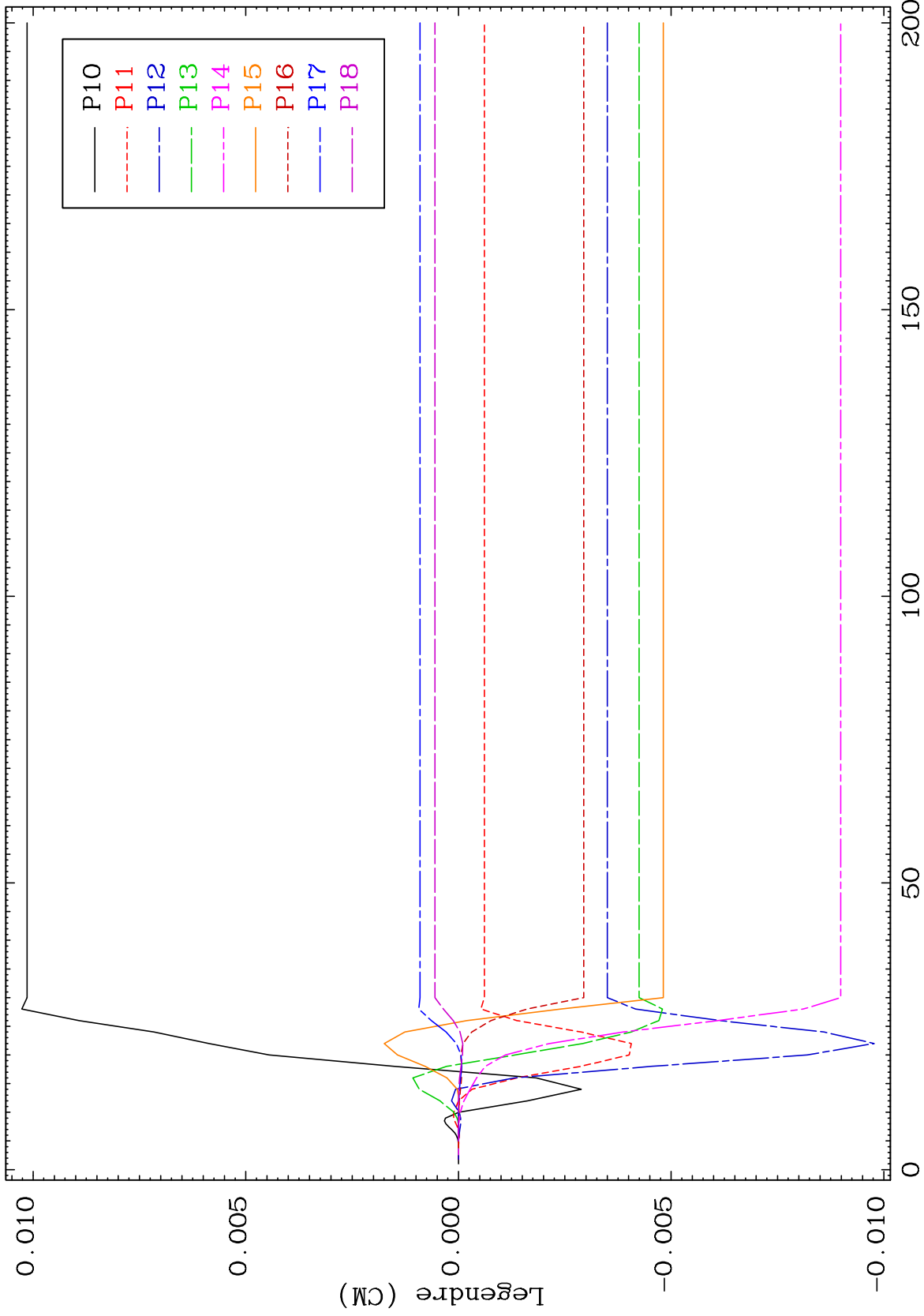




MAT 5328

234.5 keV (n,n') Level  
Legendre Coefficients

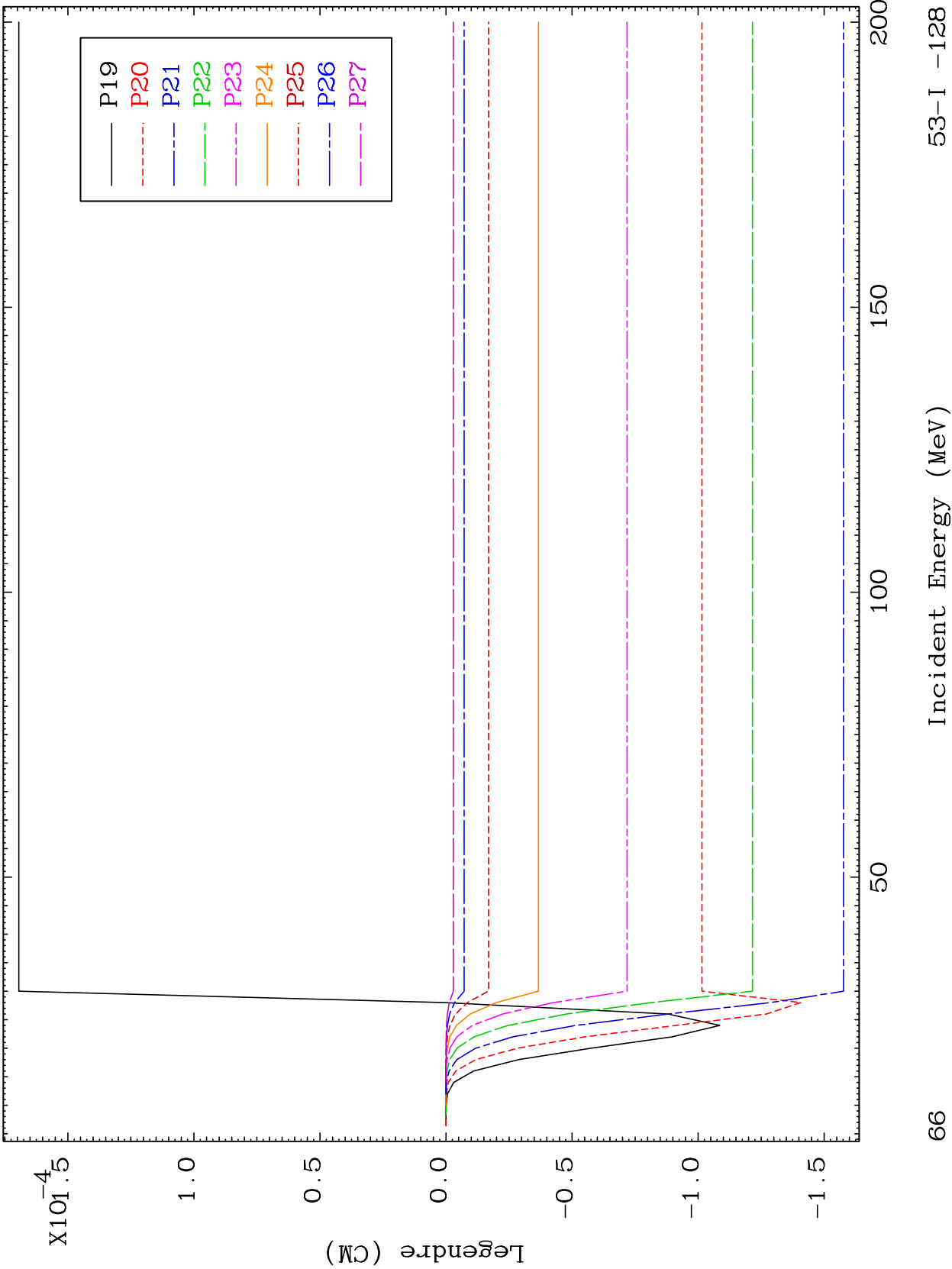
53-I -128

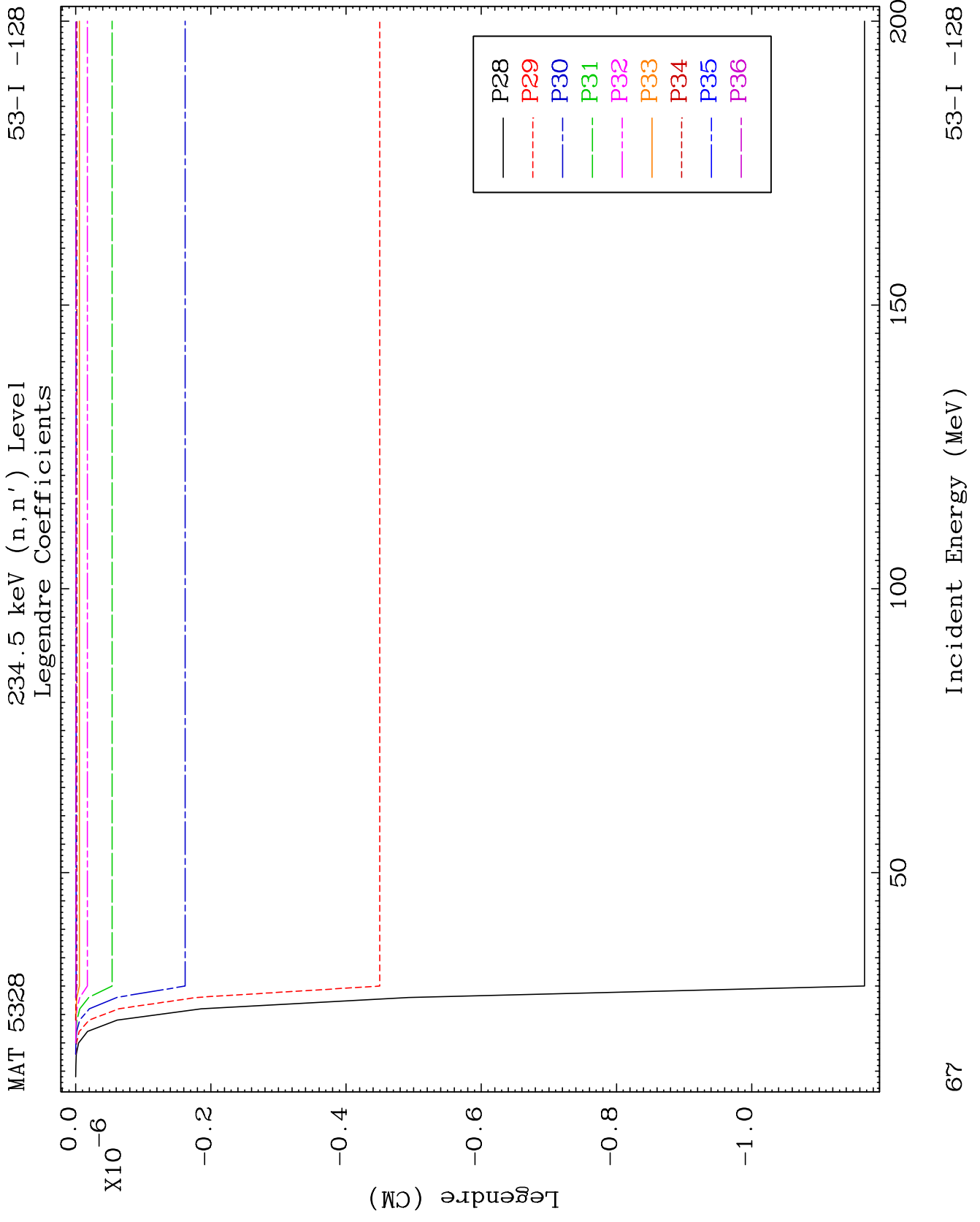


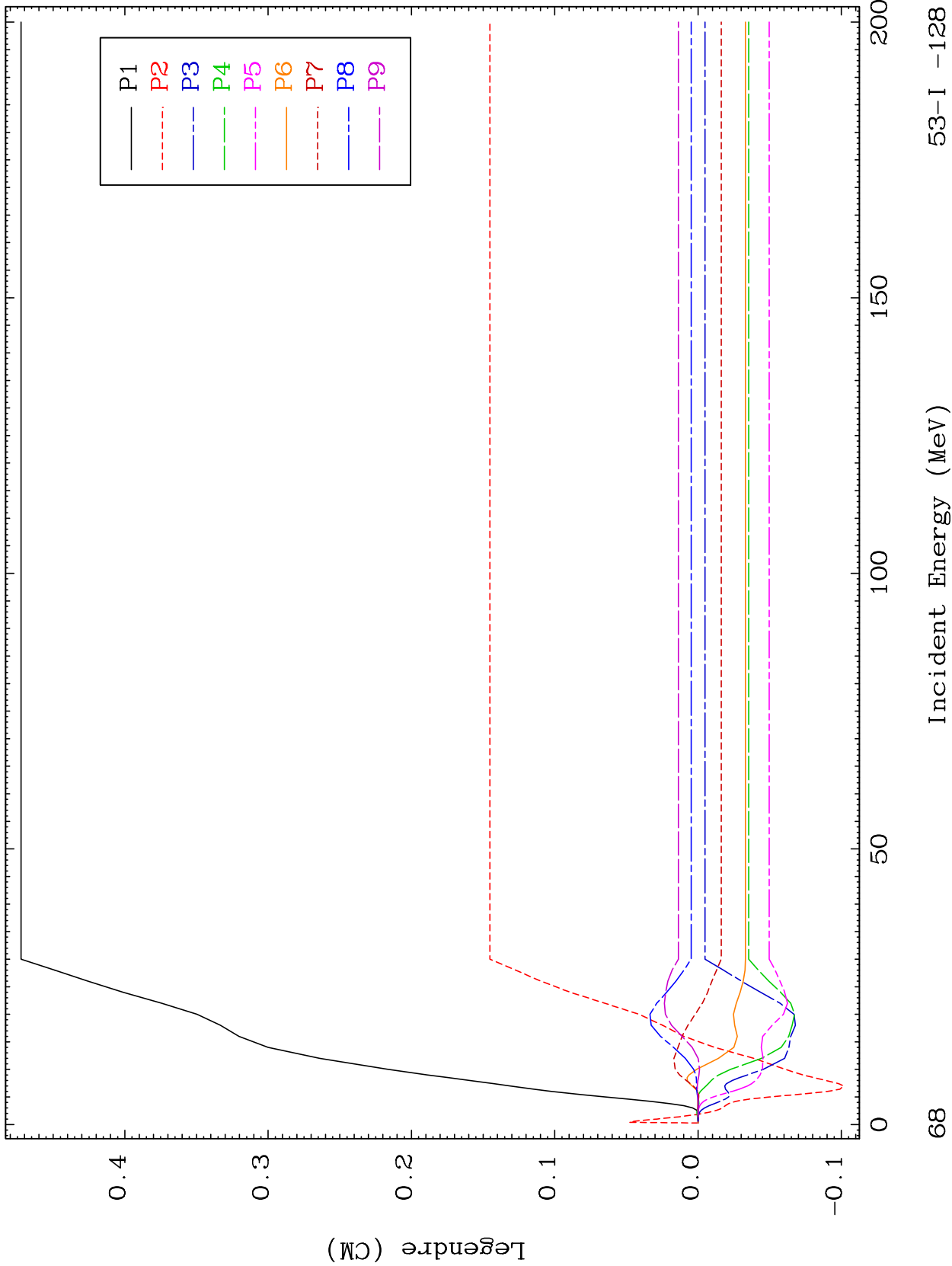
65

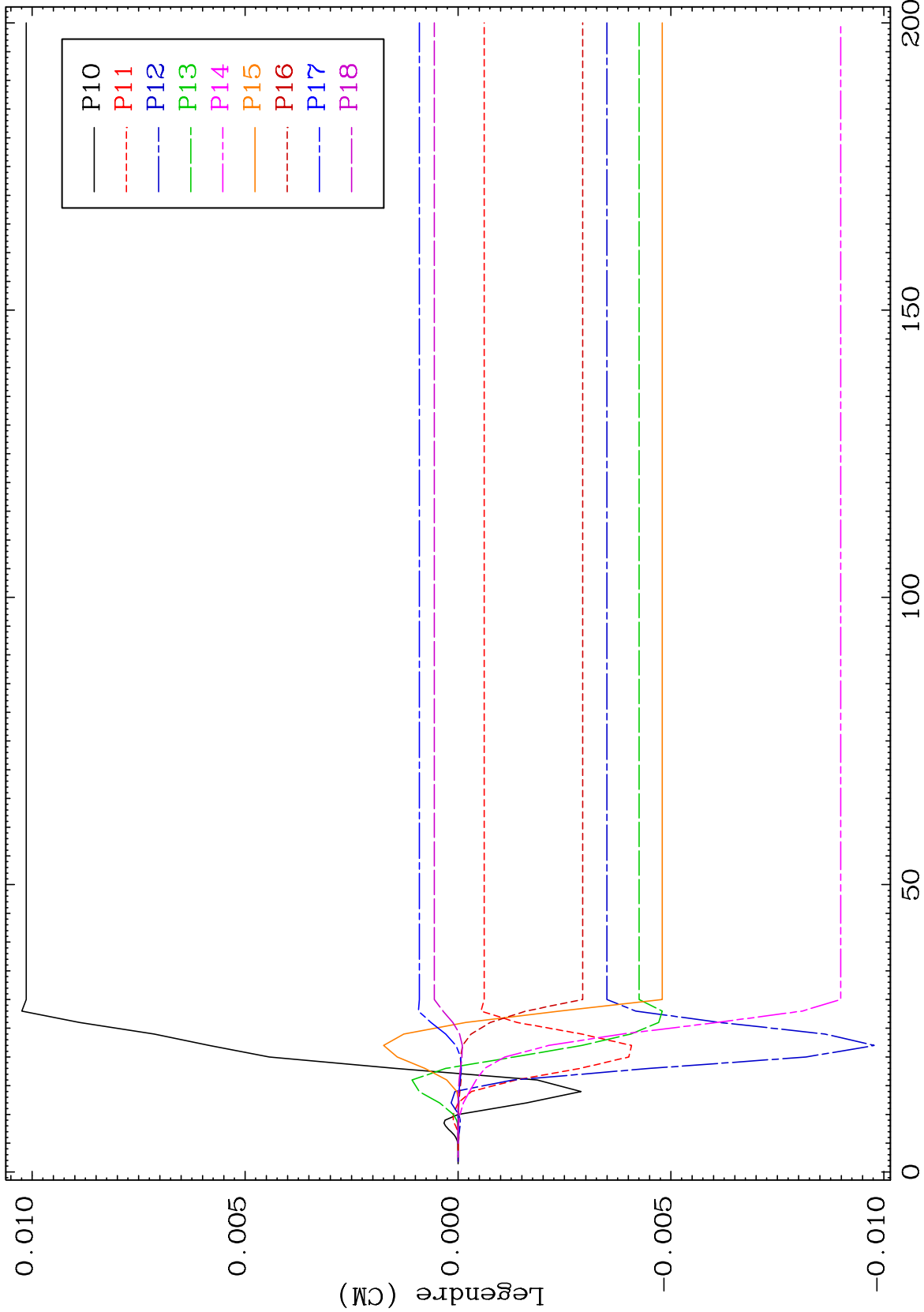
Incident Energy (MeV)

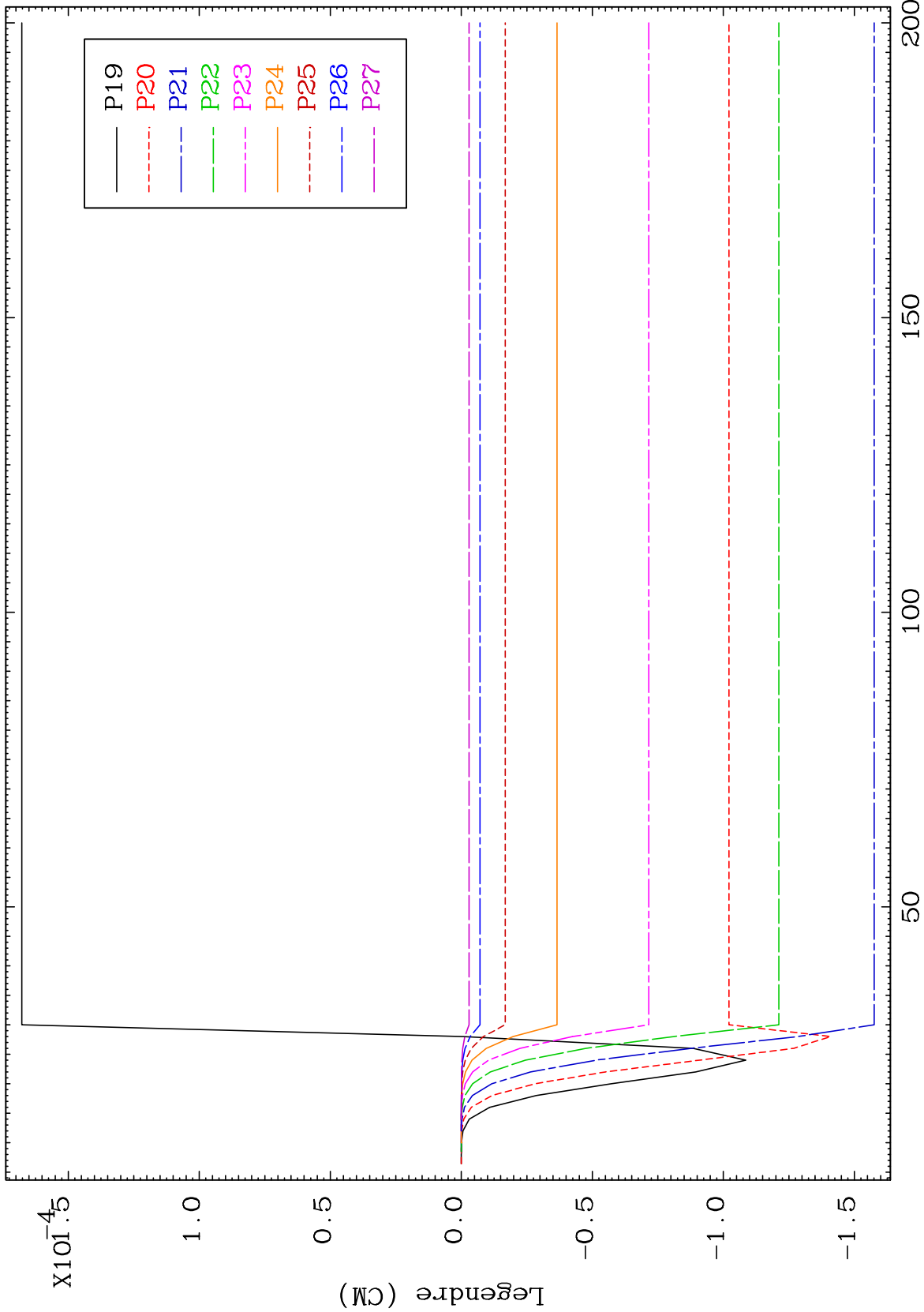
53-I -128

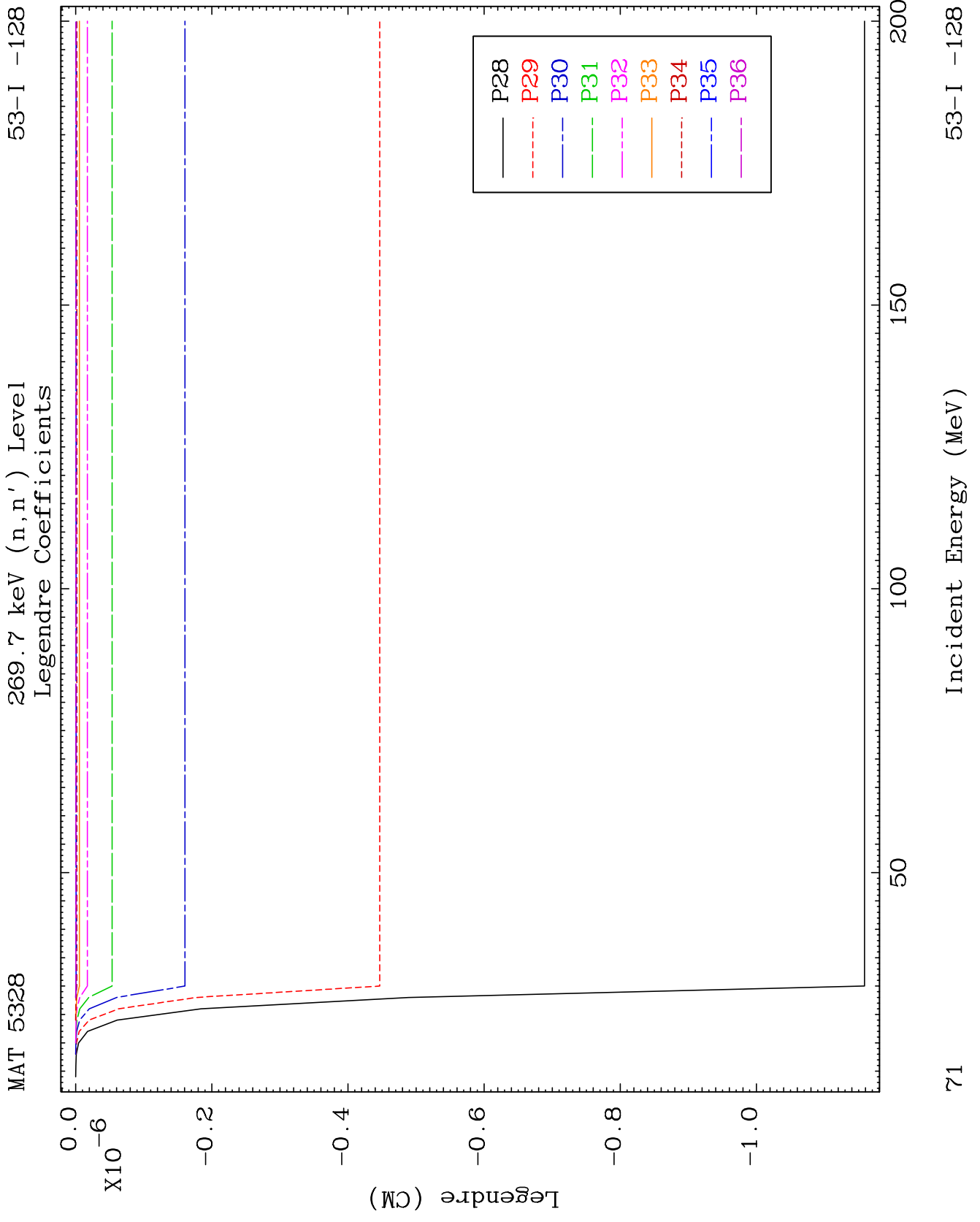




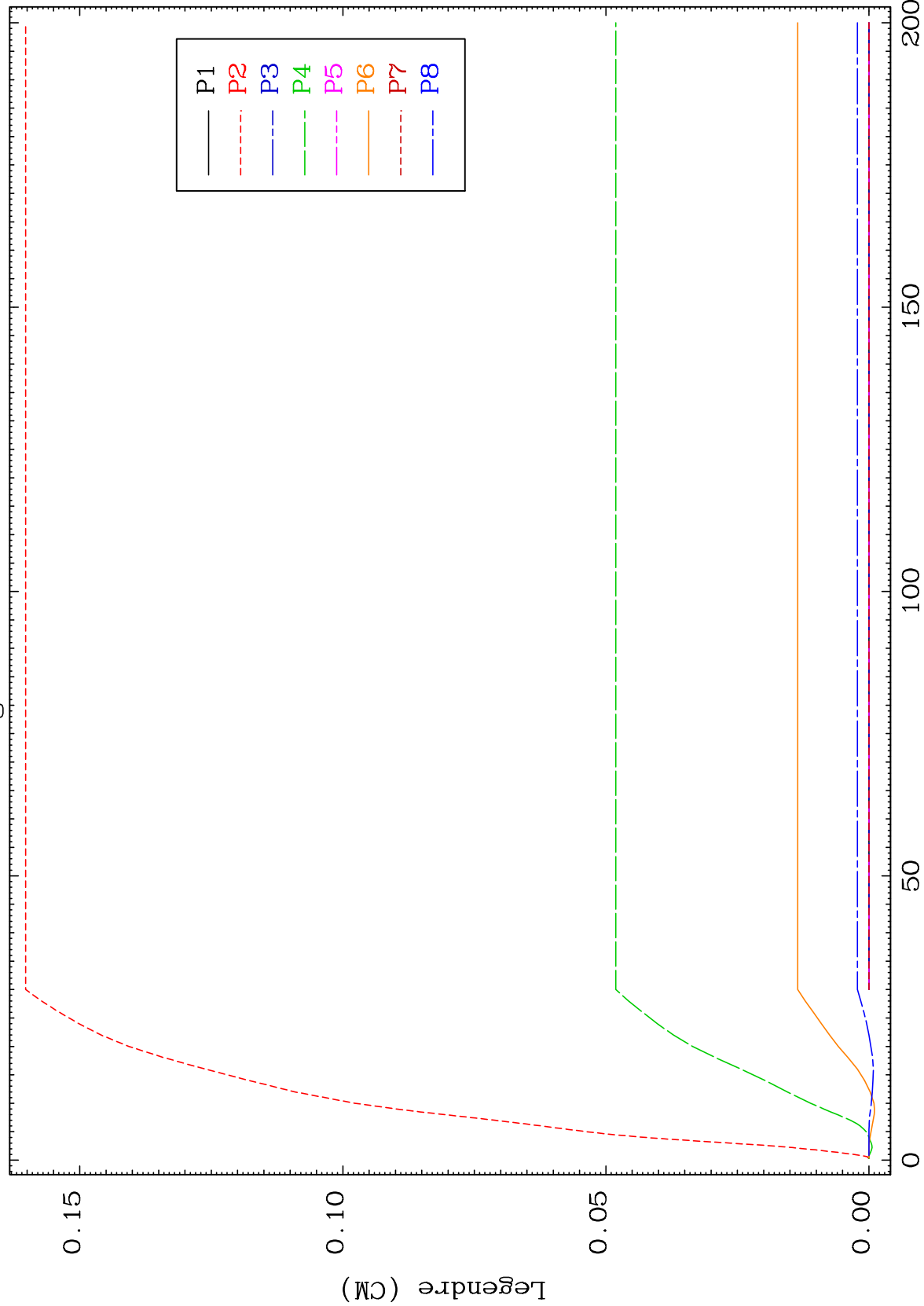


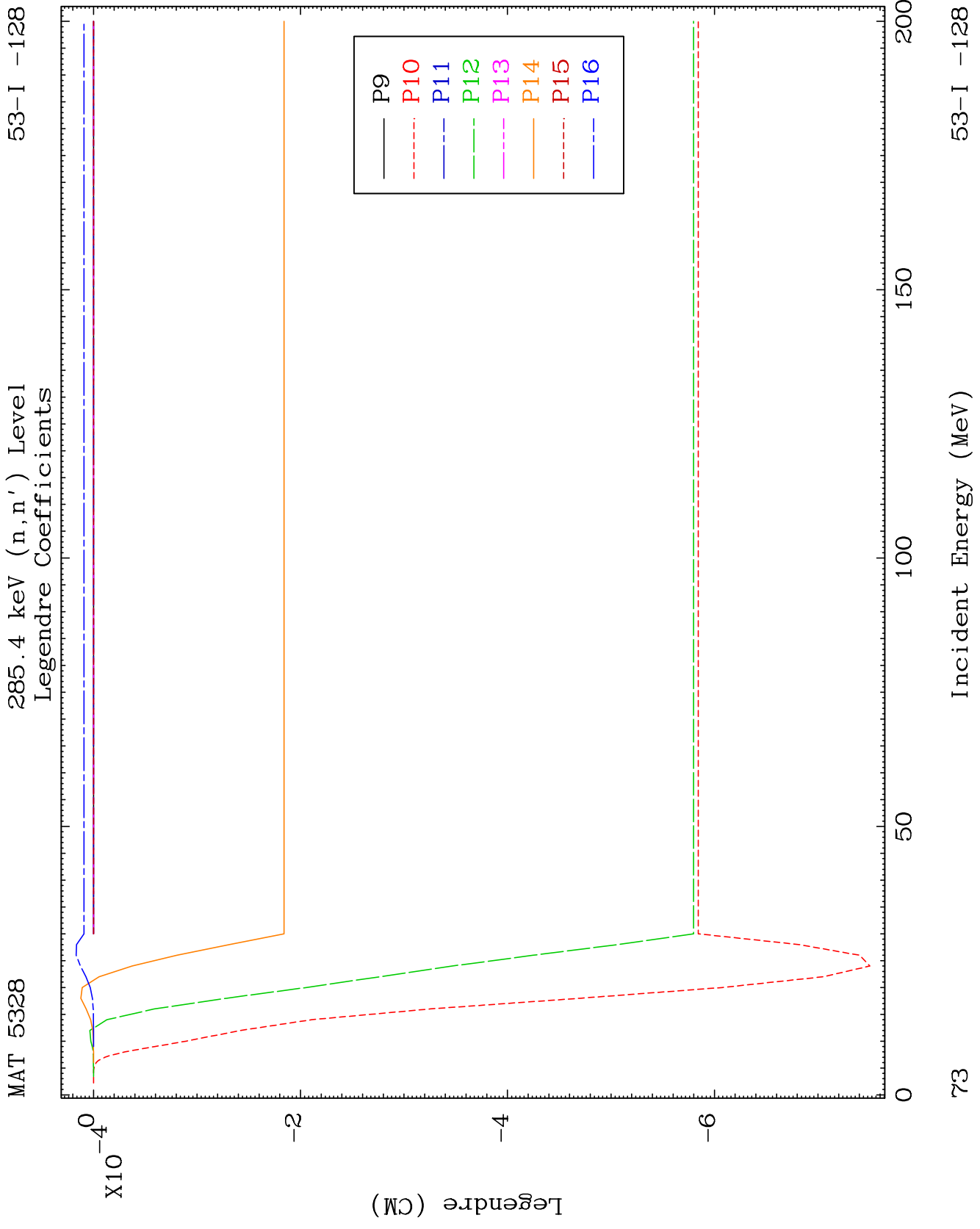




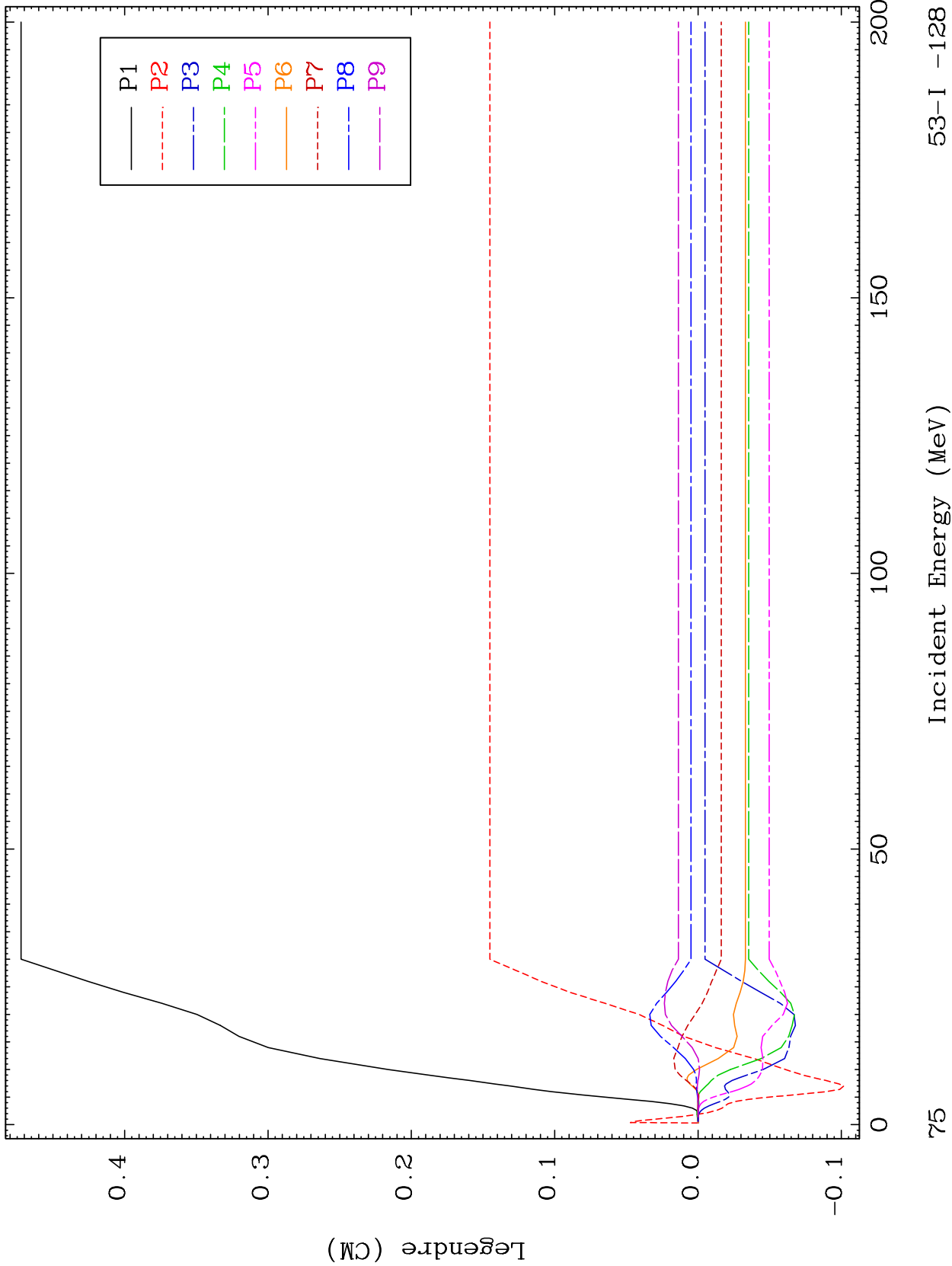


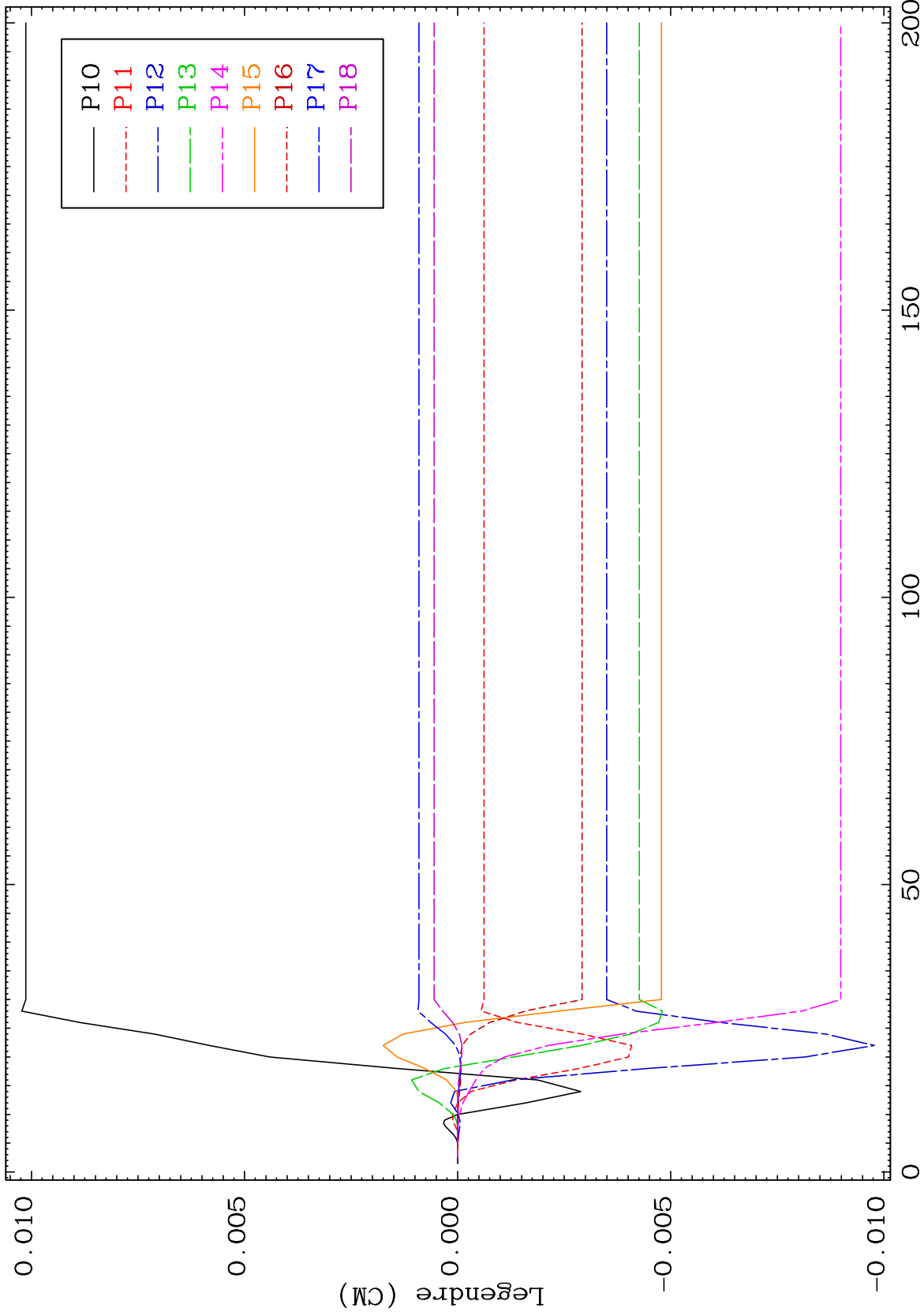


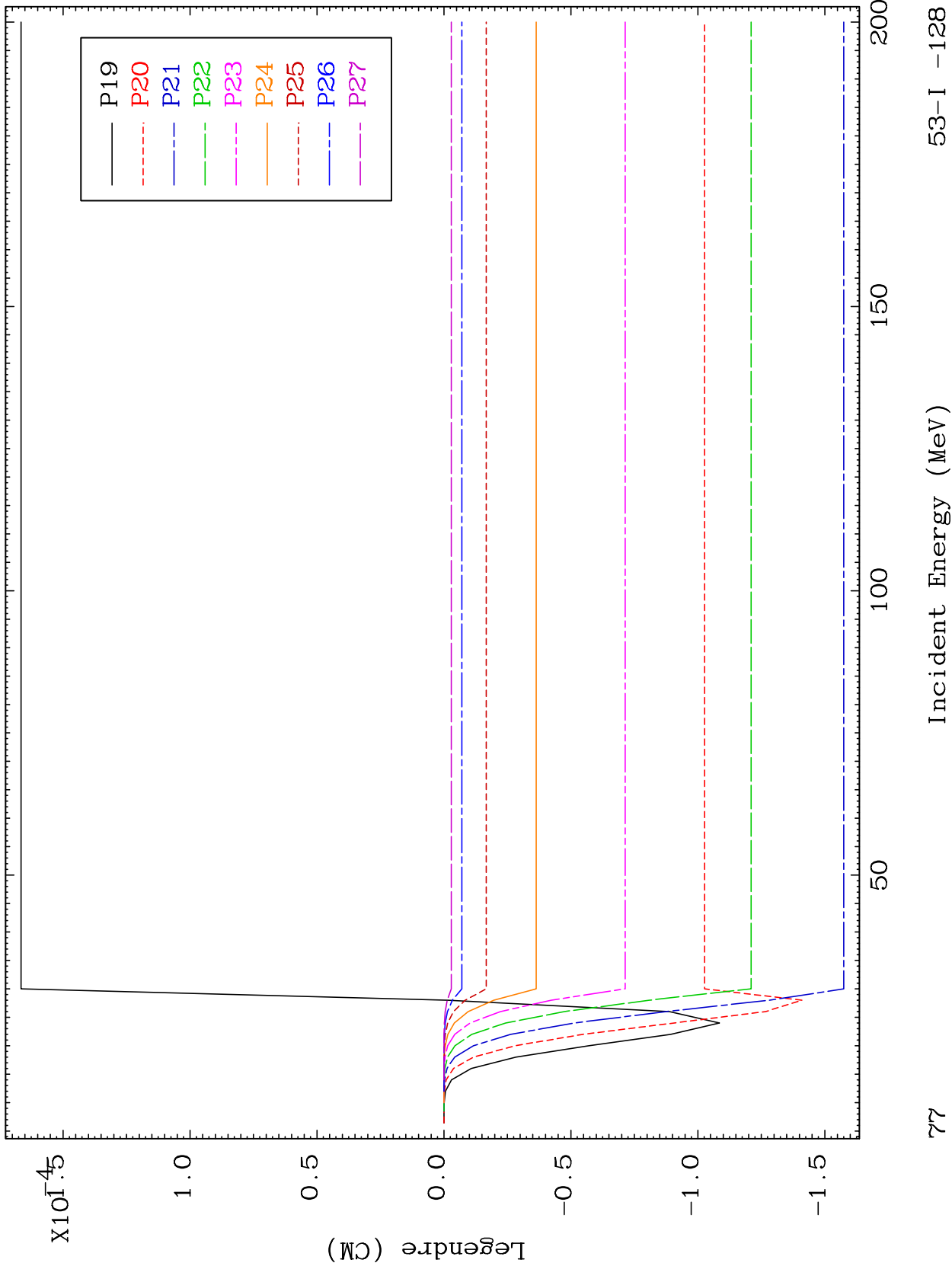


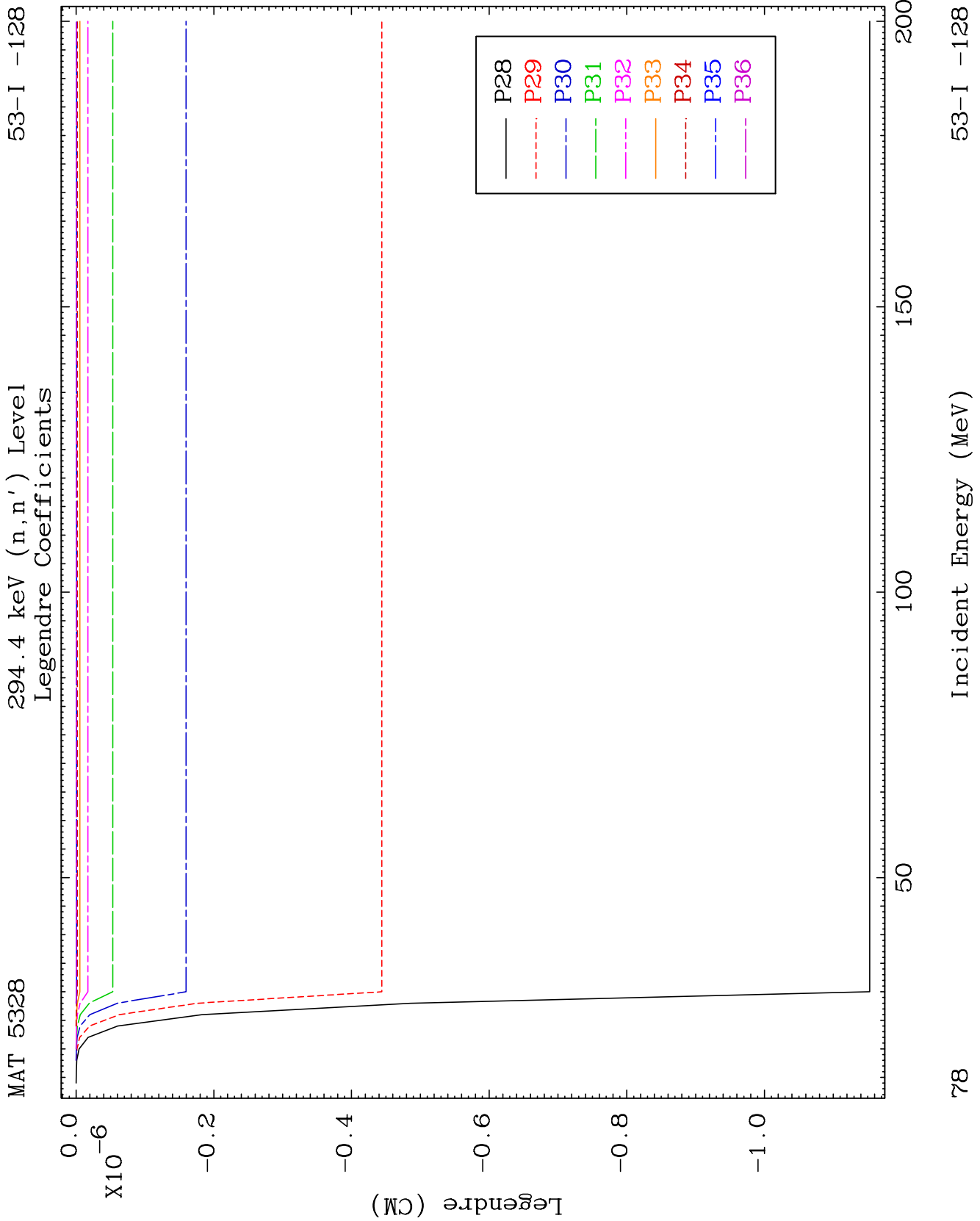


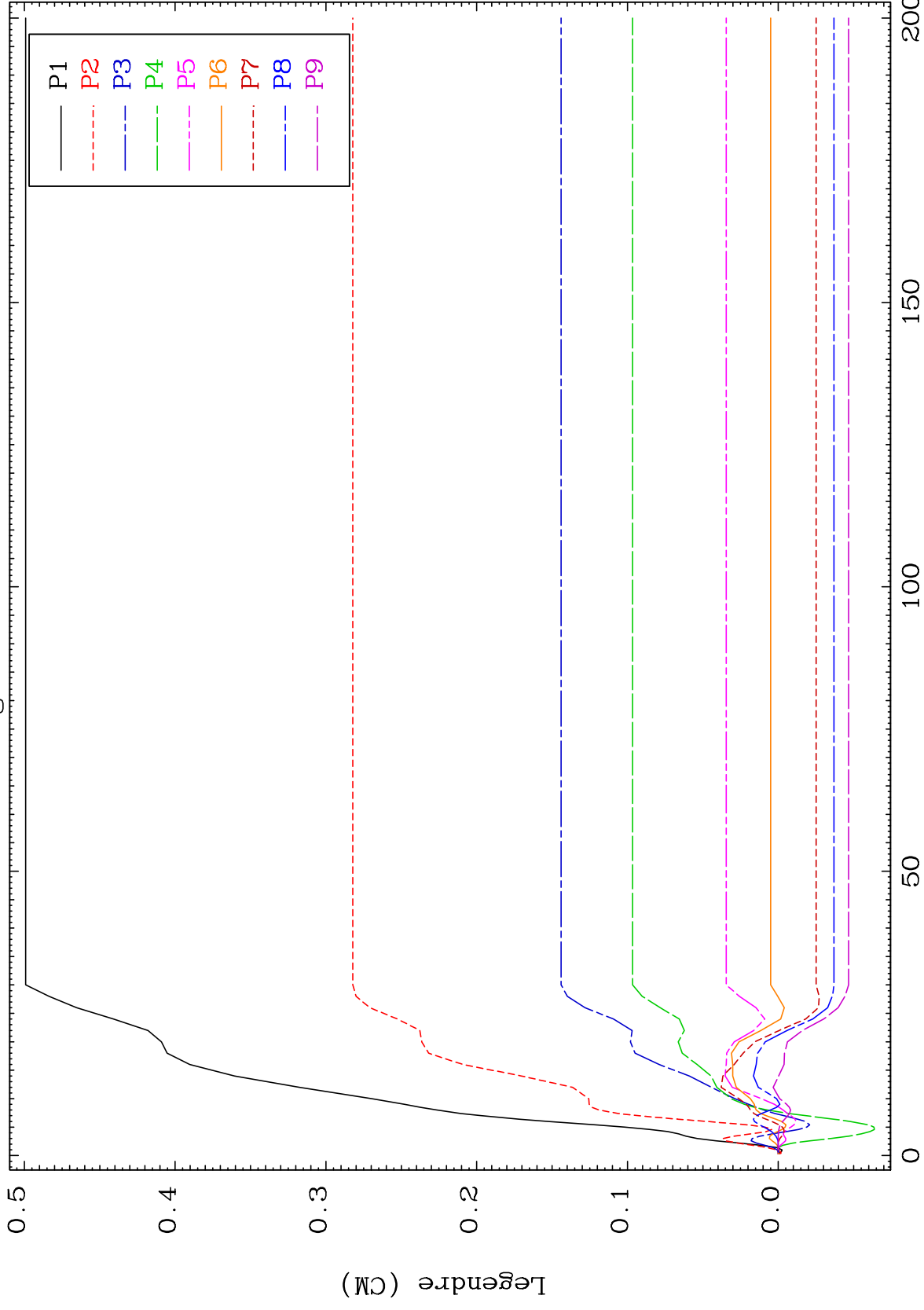










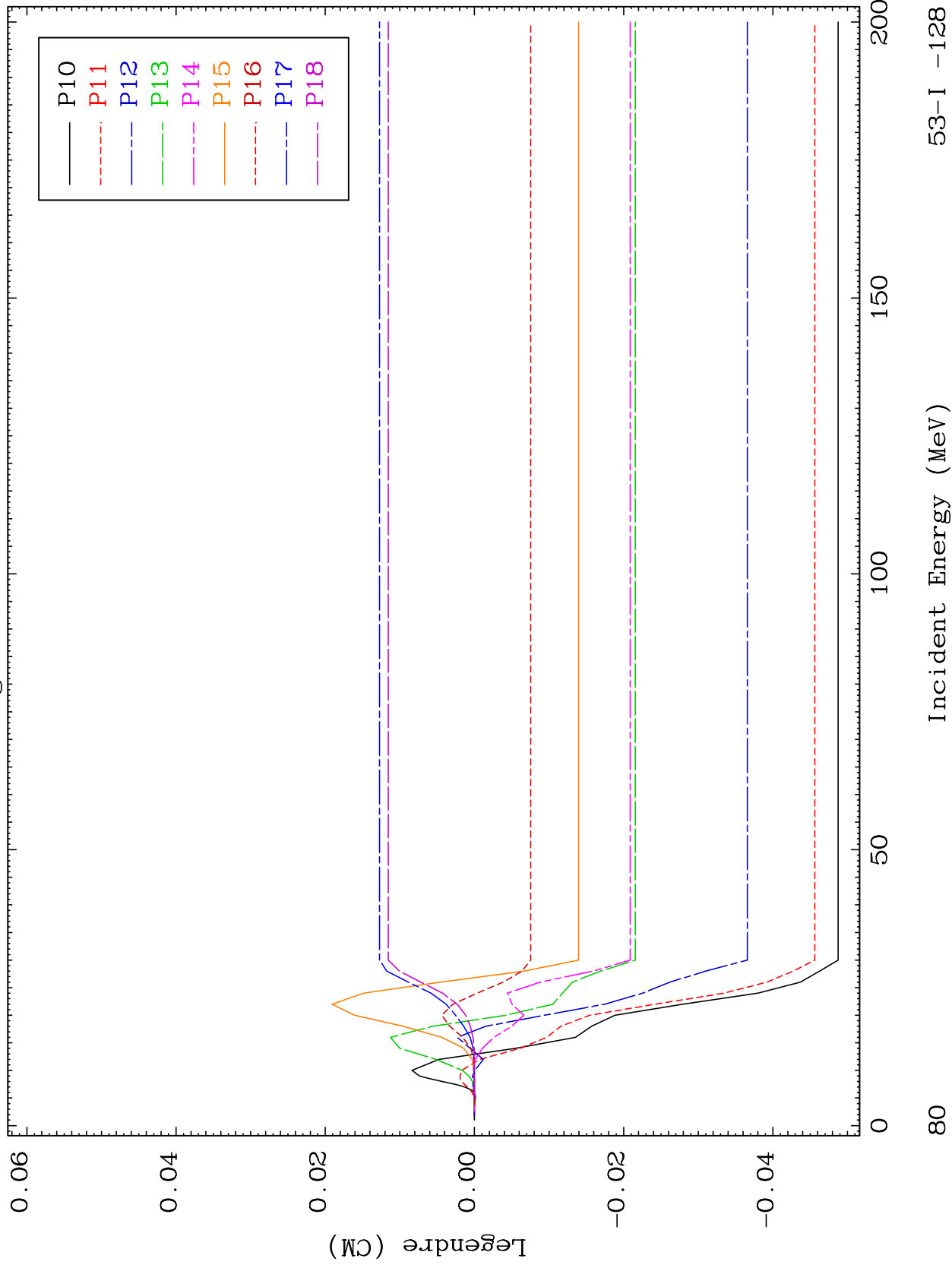




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295.7 keV (n,n') Level  
Legendre Coefficients

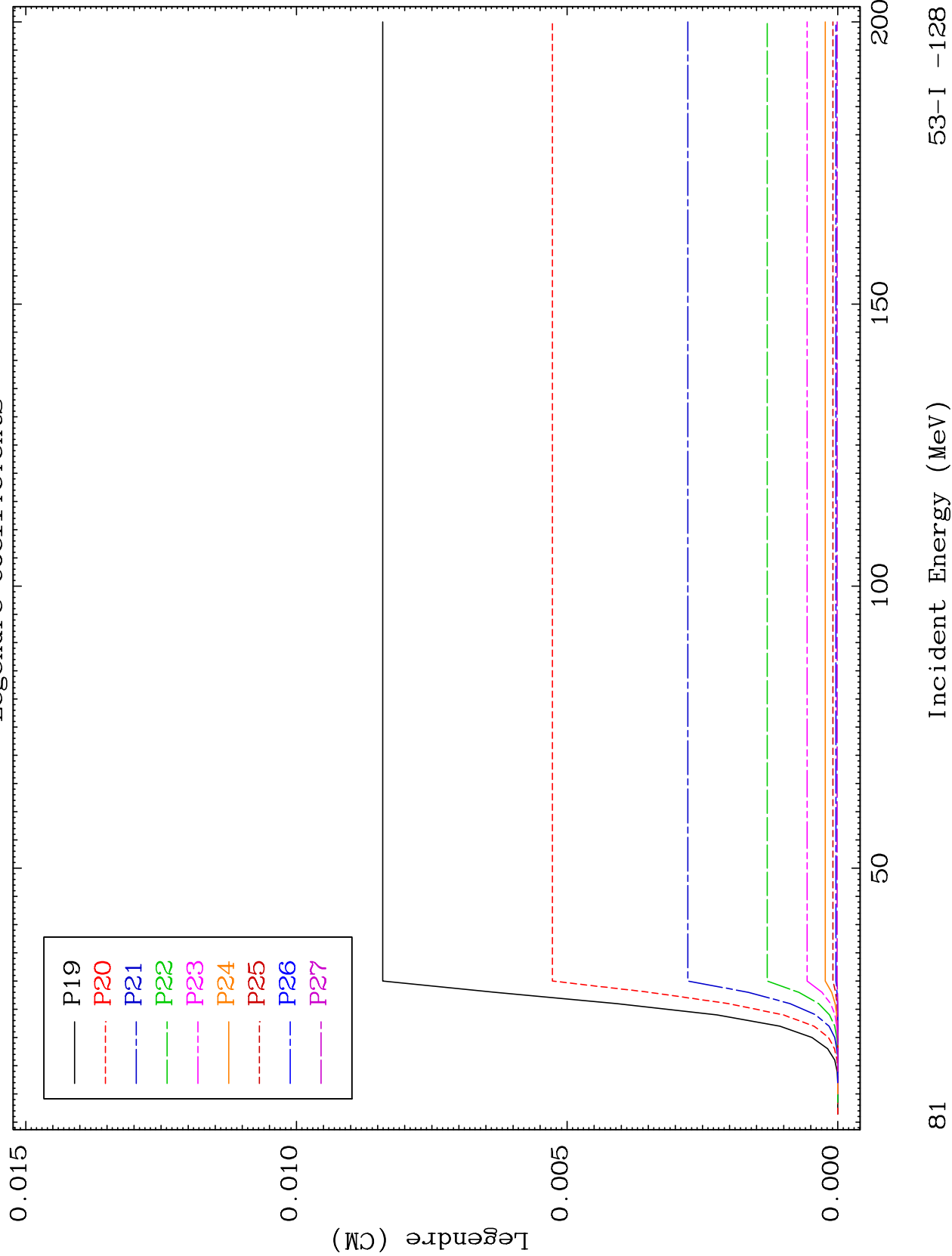
53-I -128

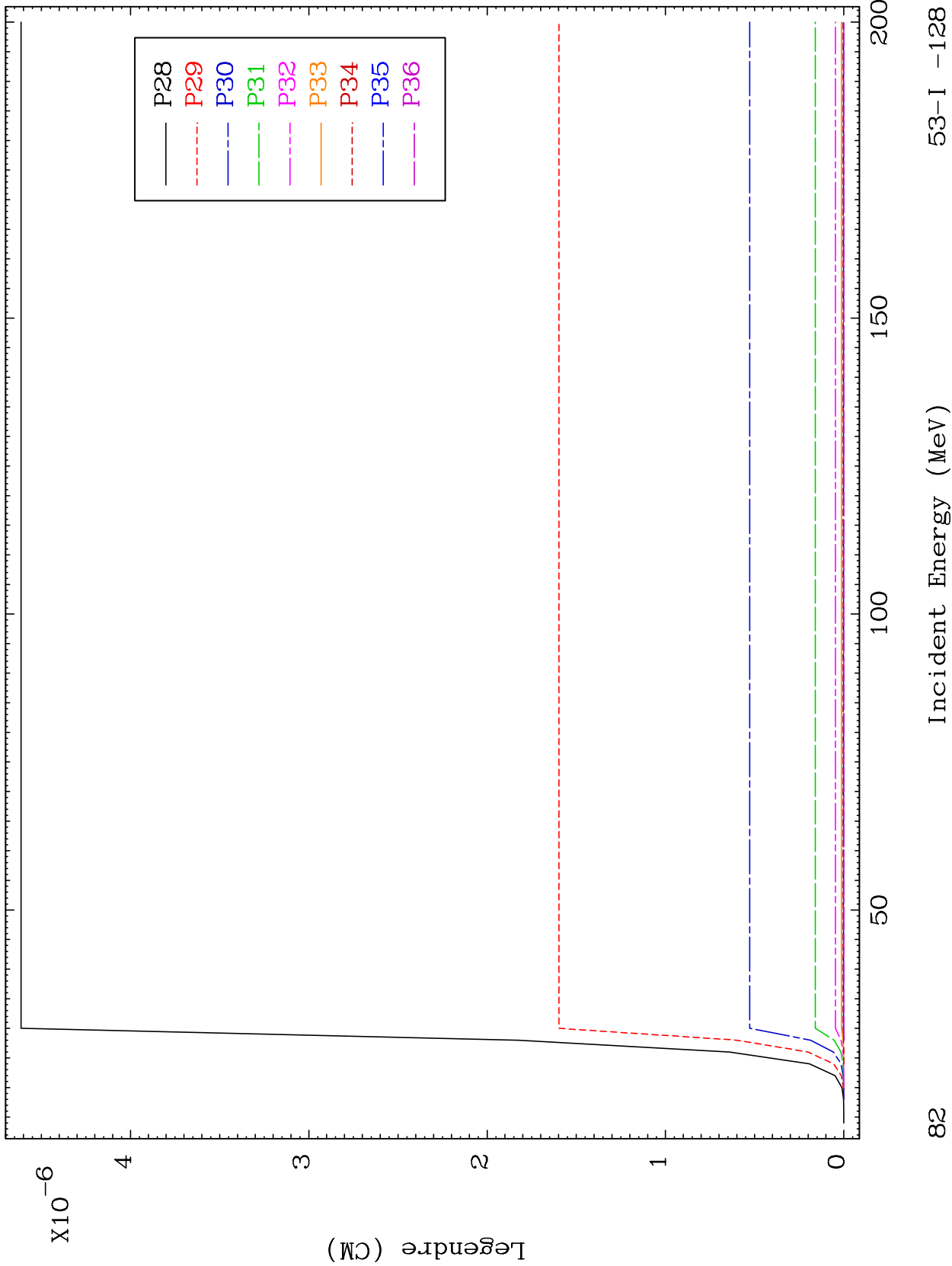


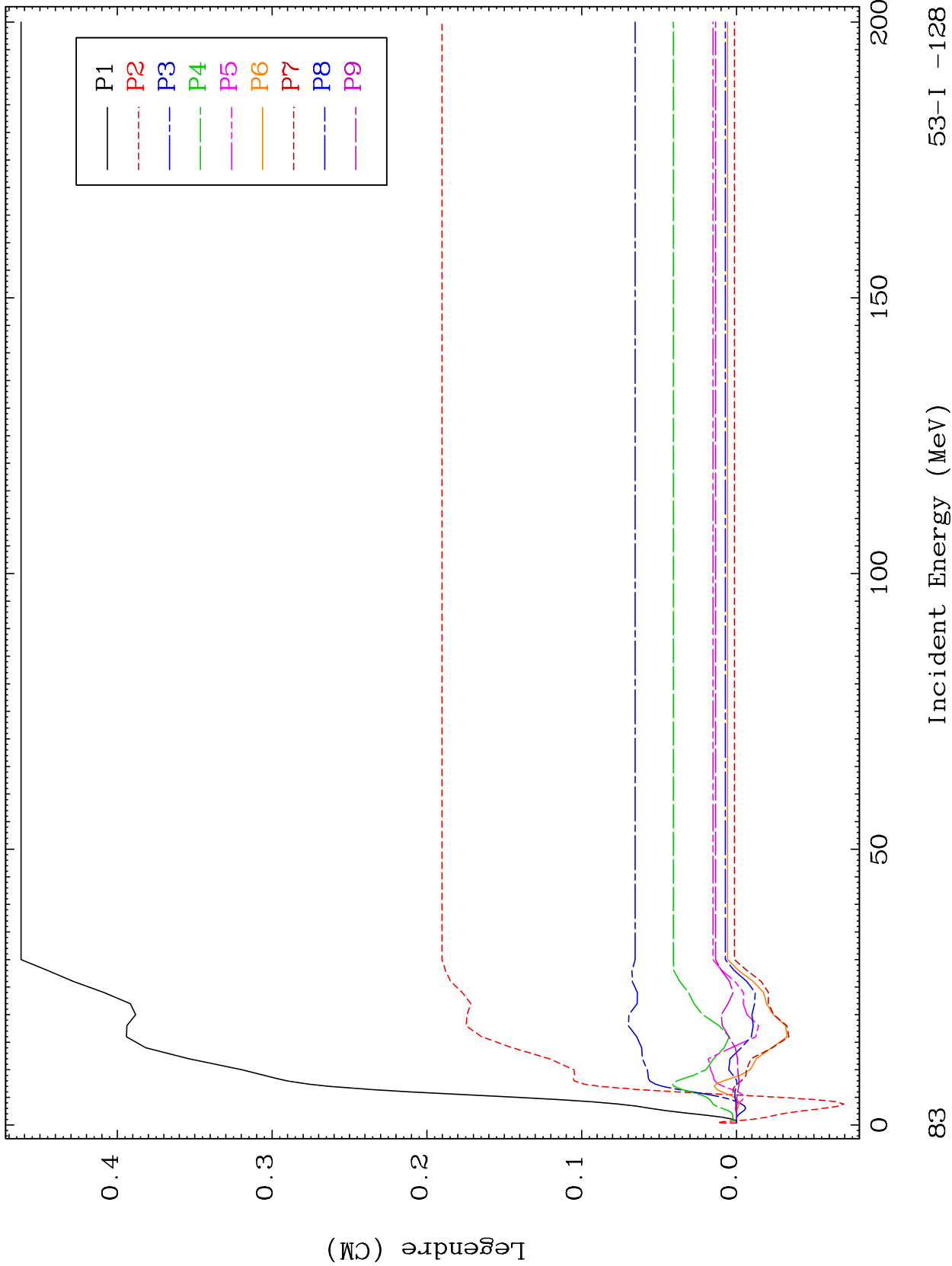
53-I -128

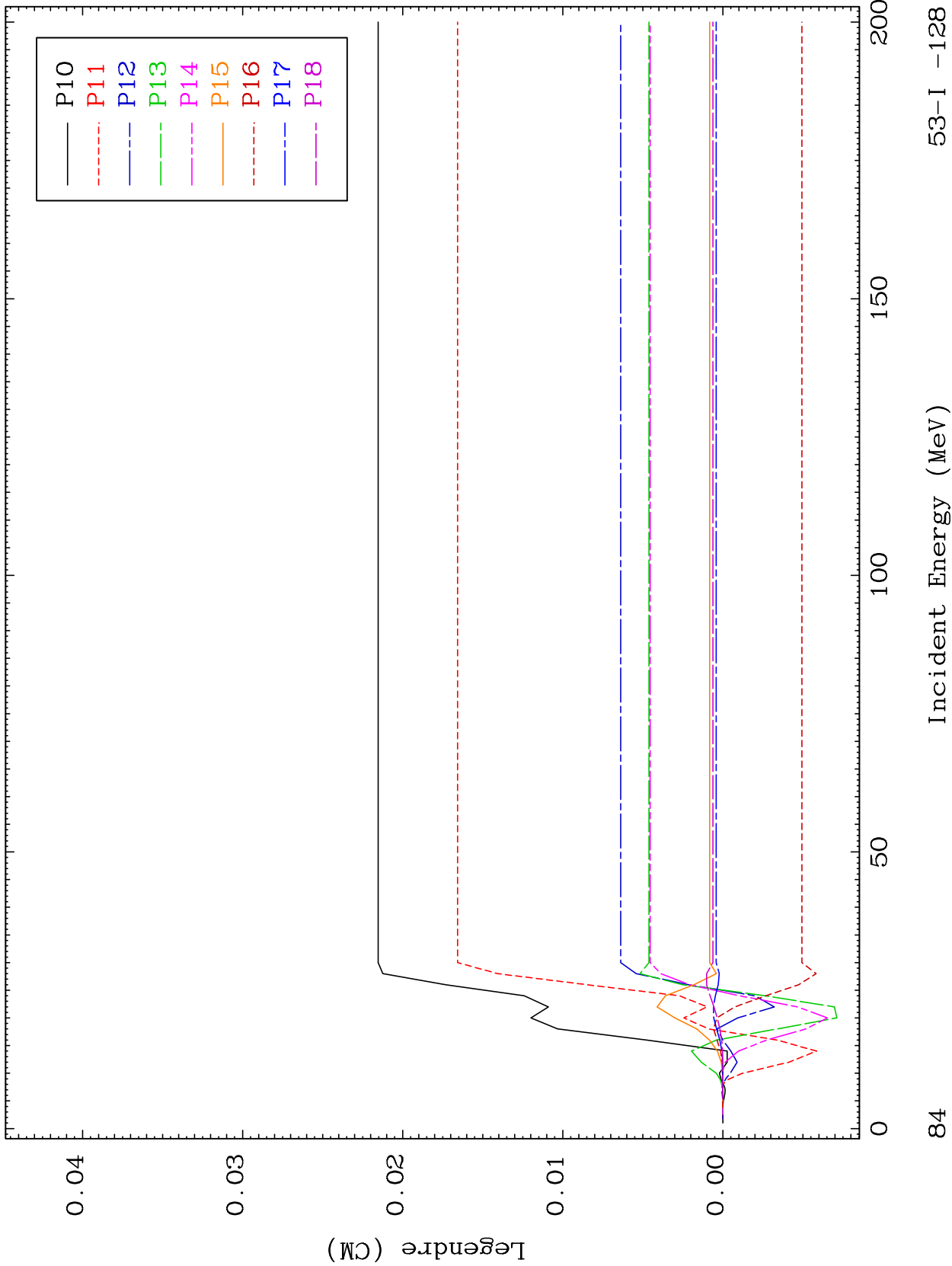
Incident Energy (MeV)

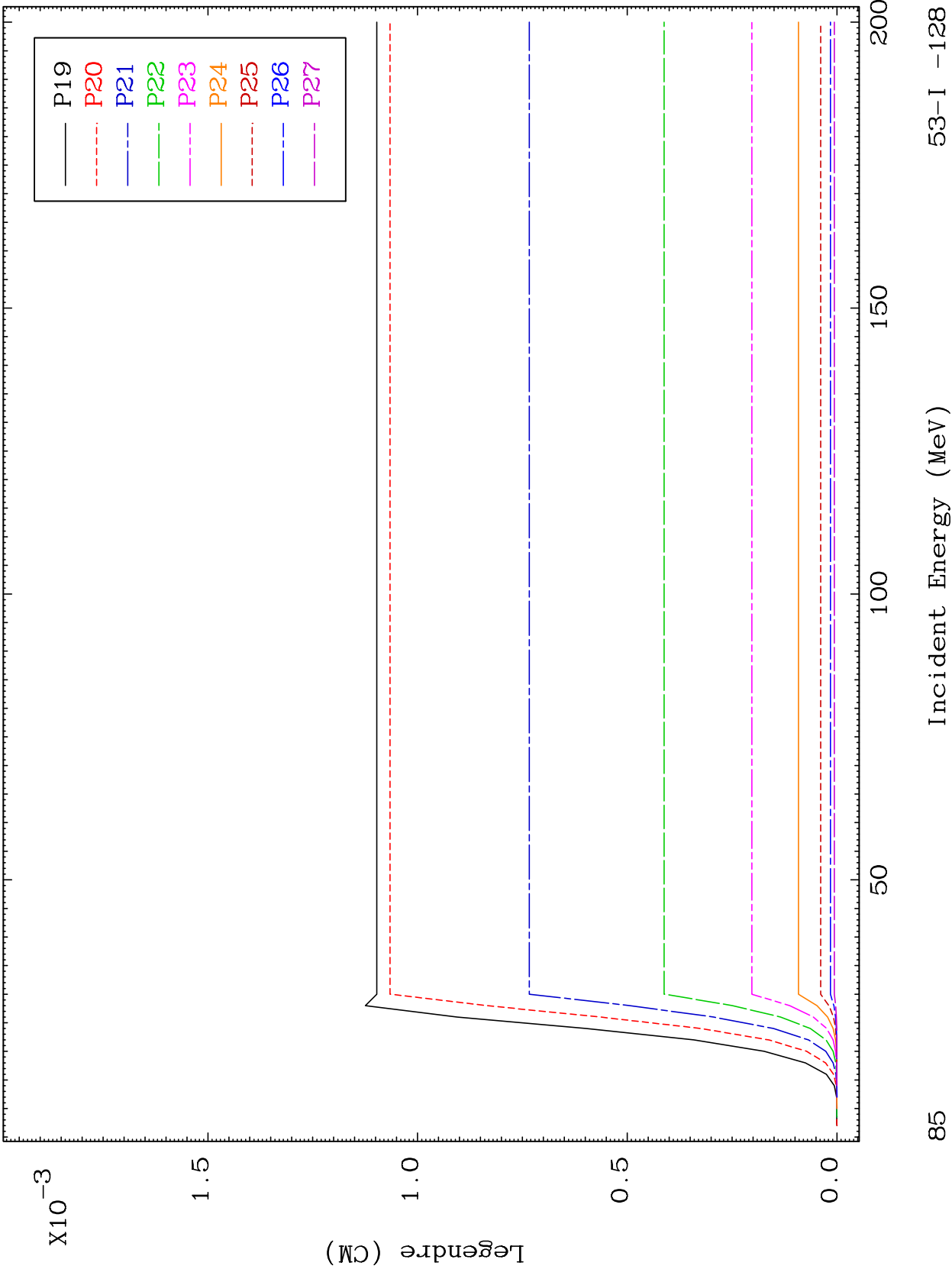
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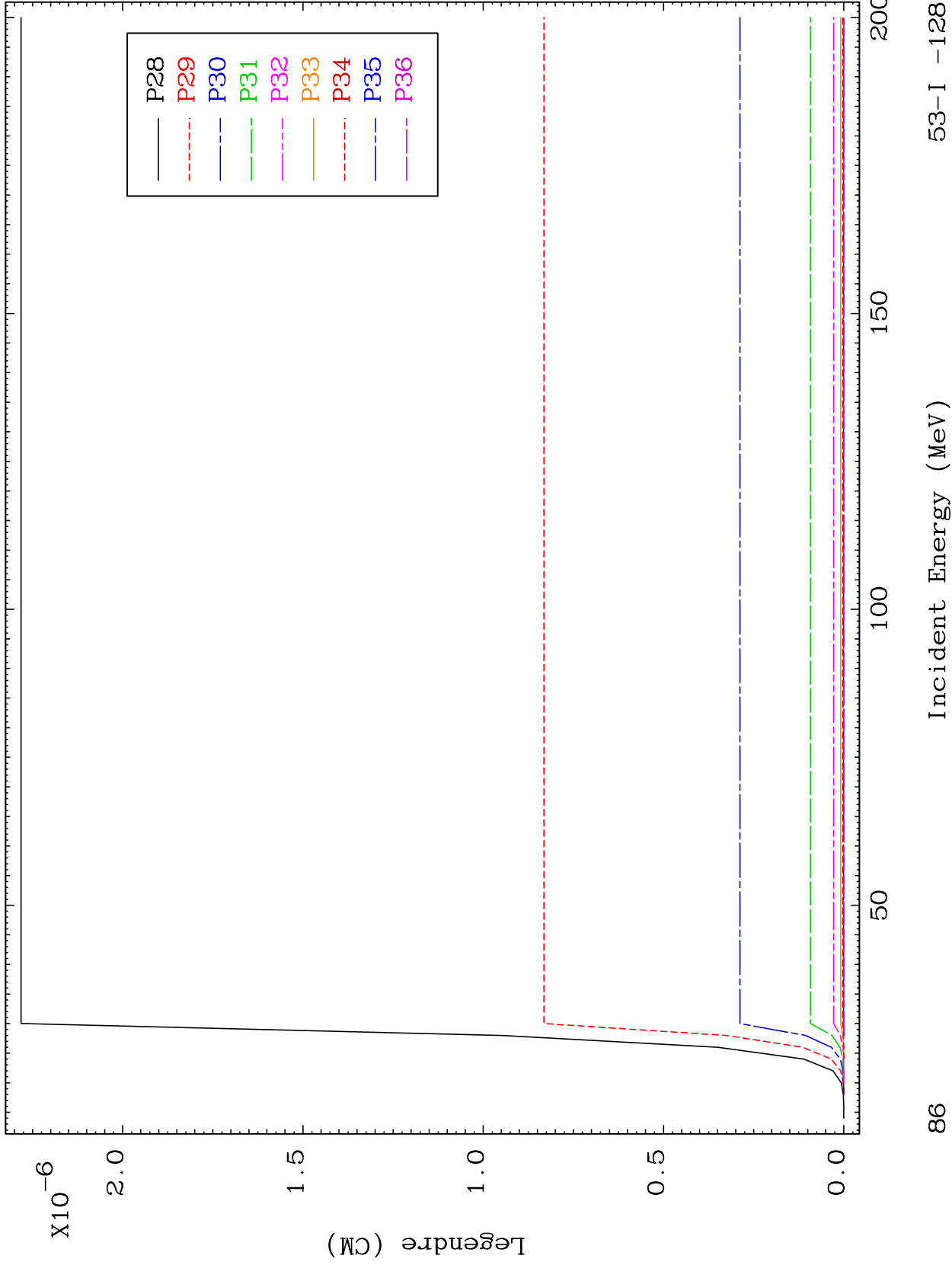


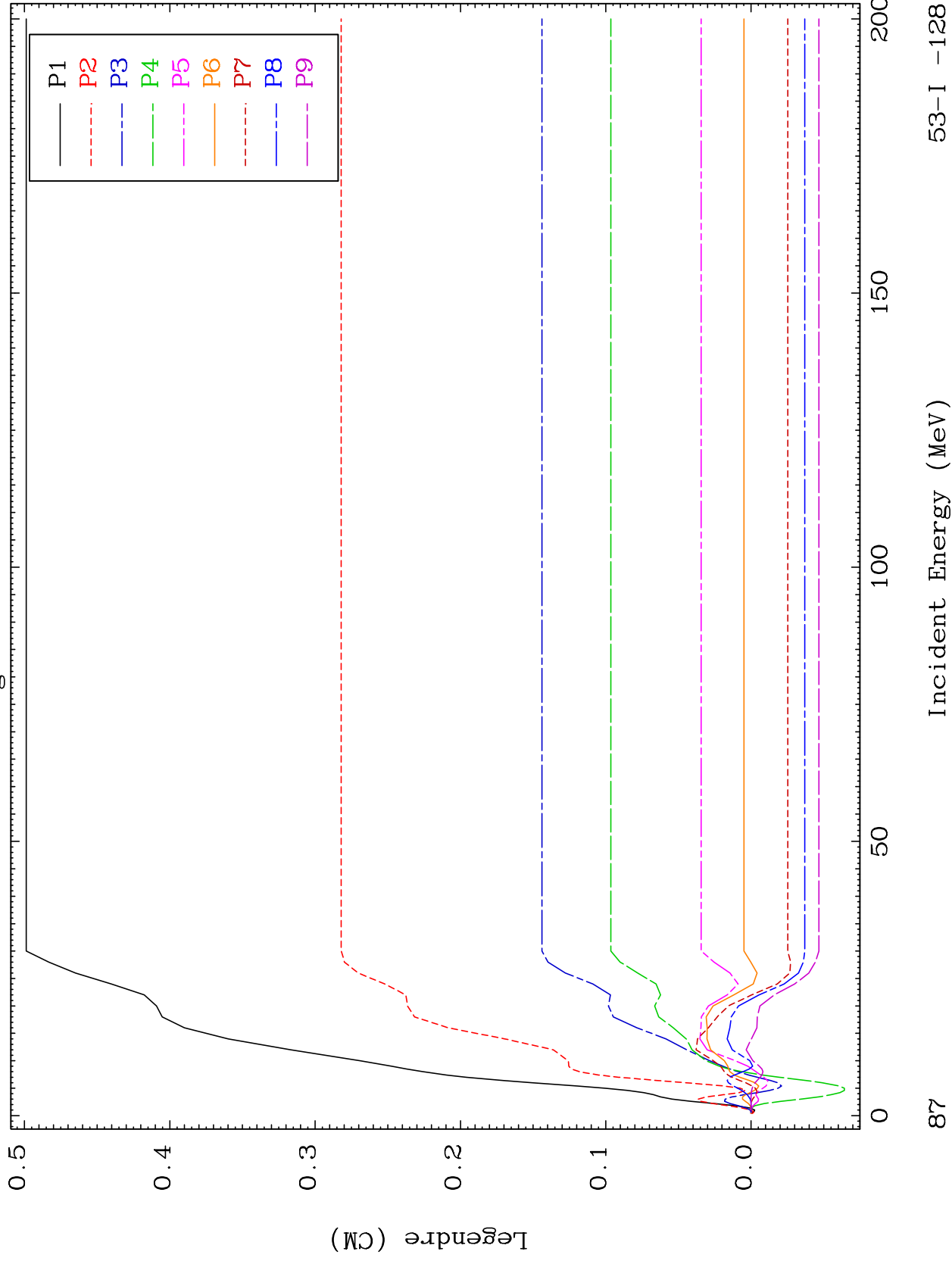




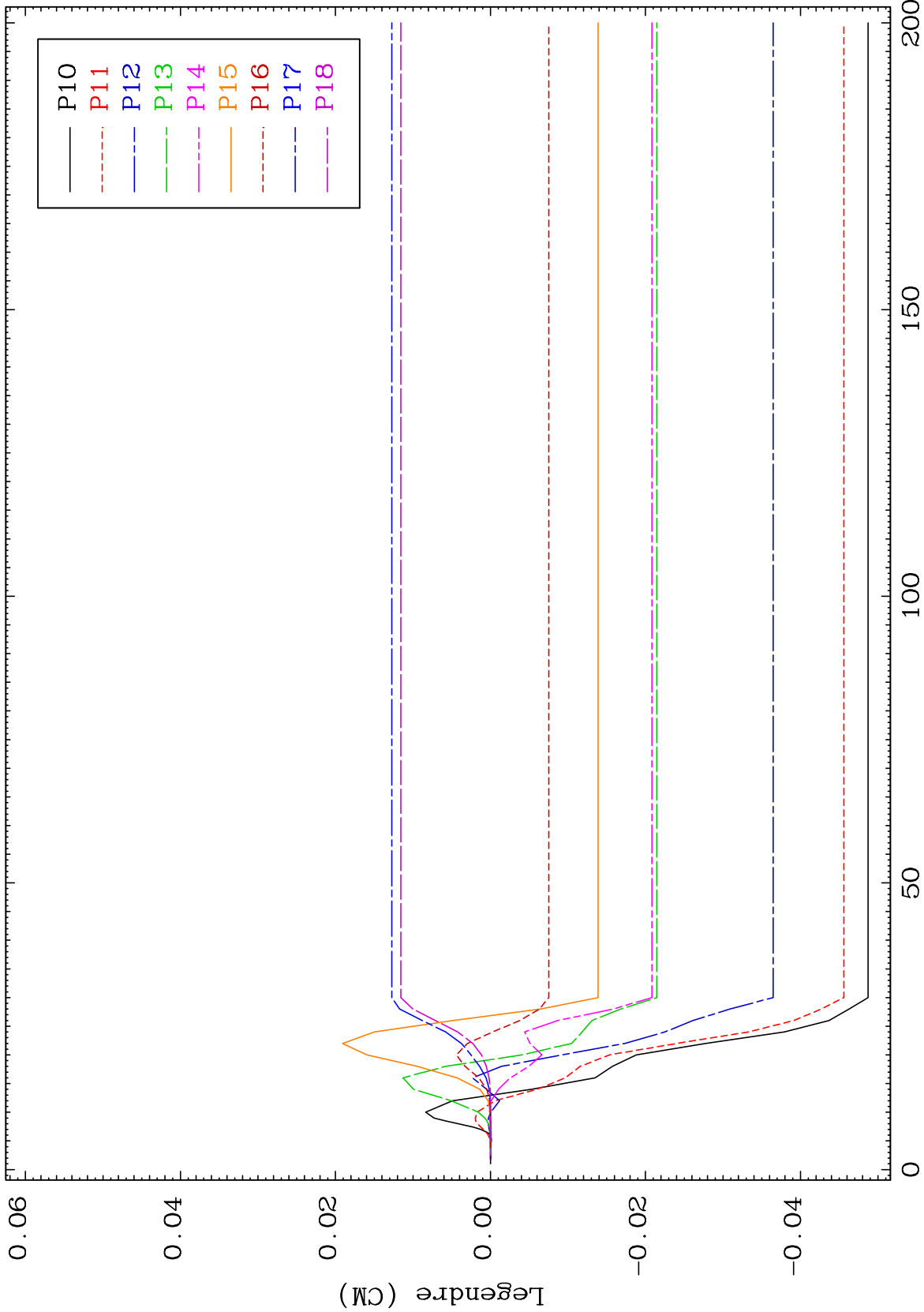


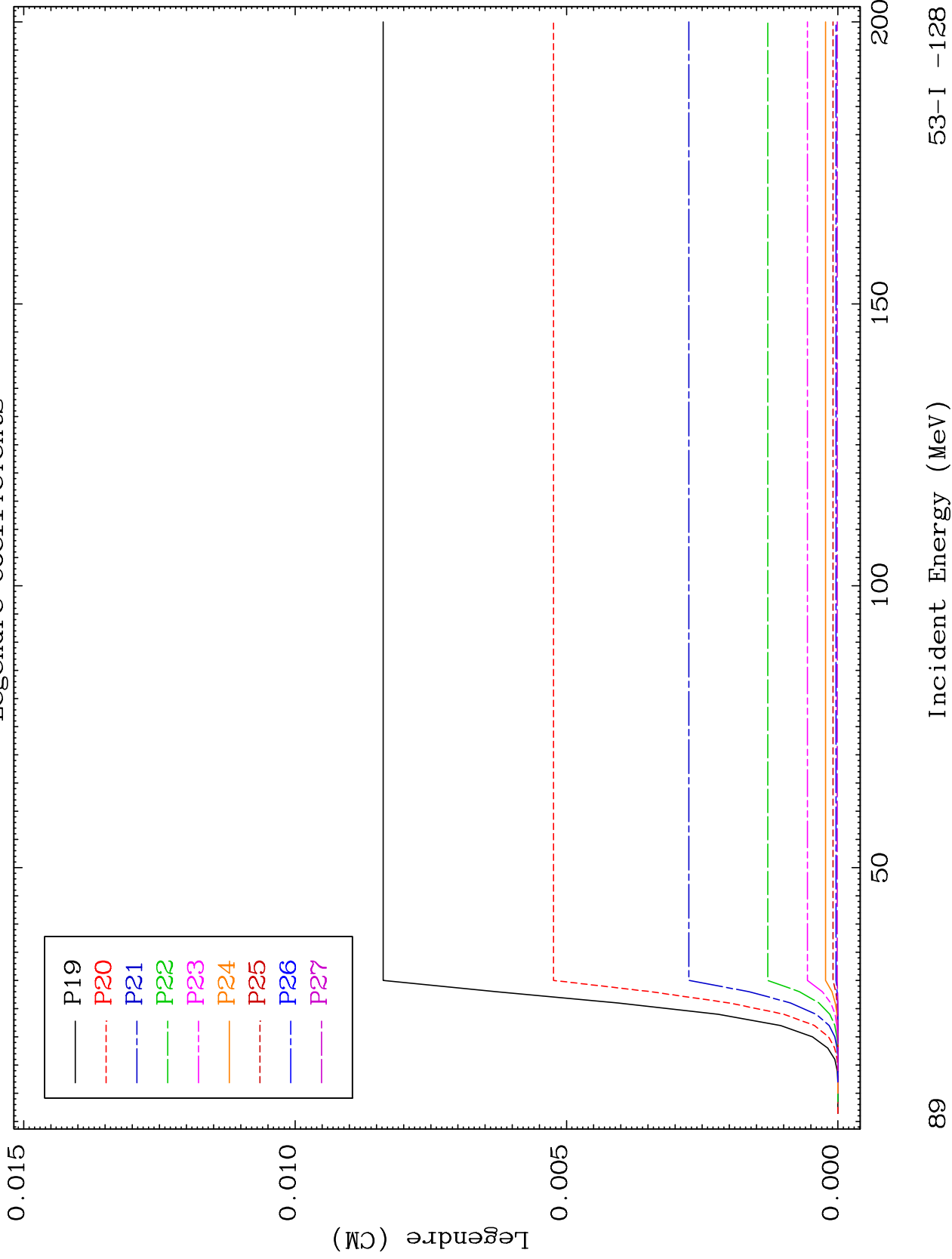








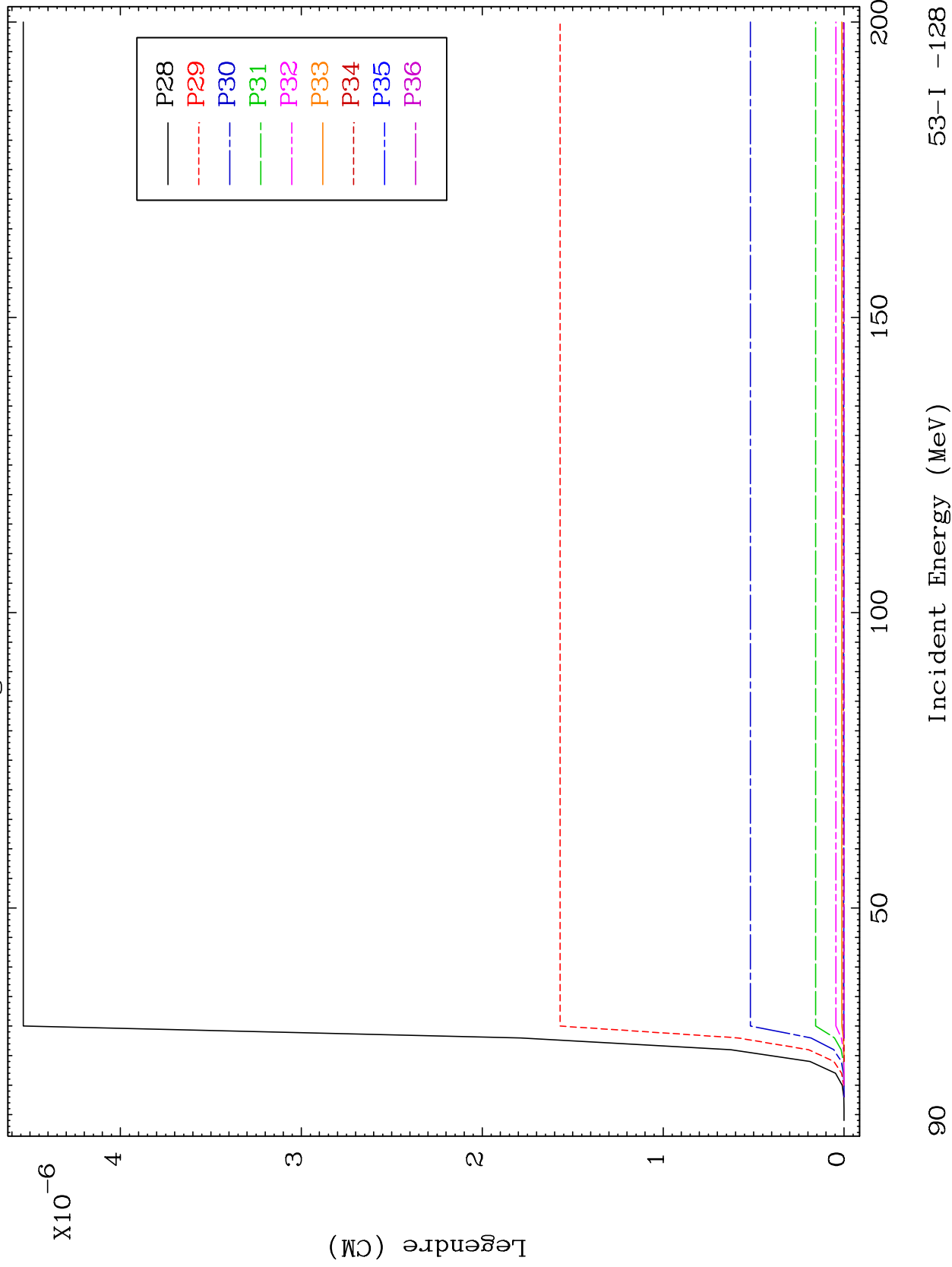


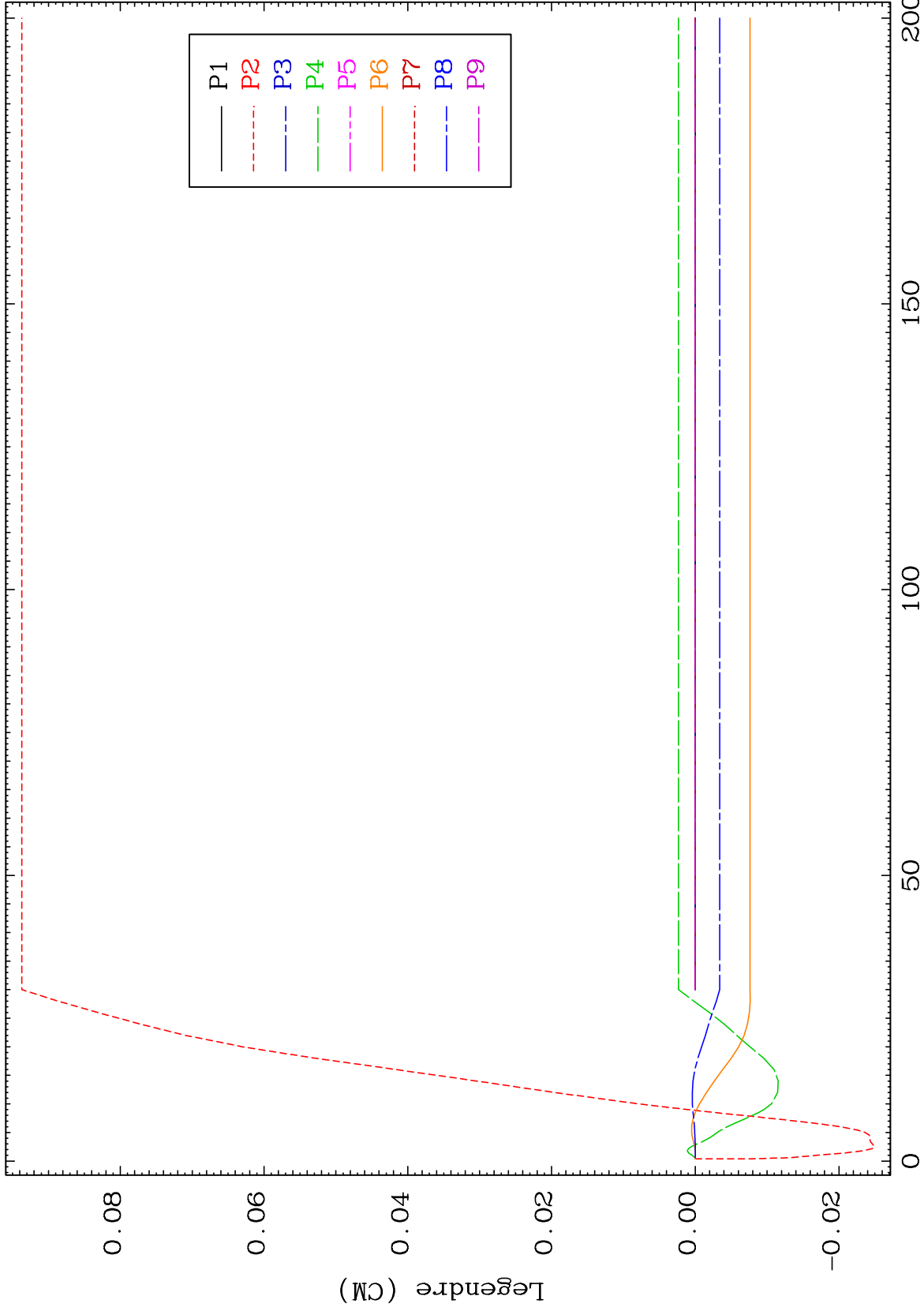


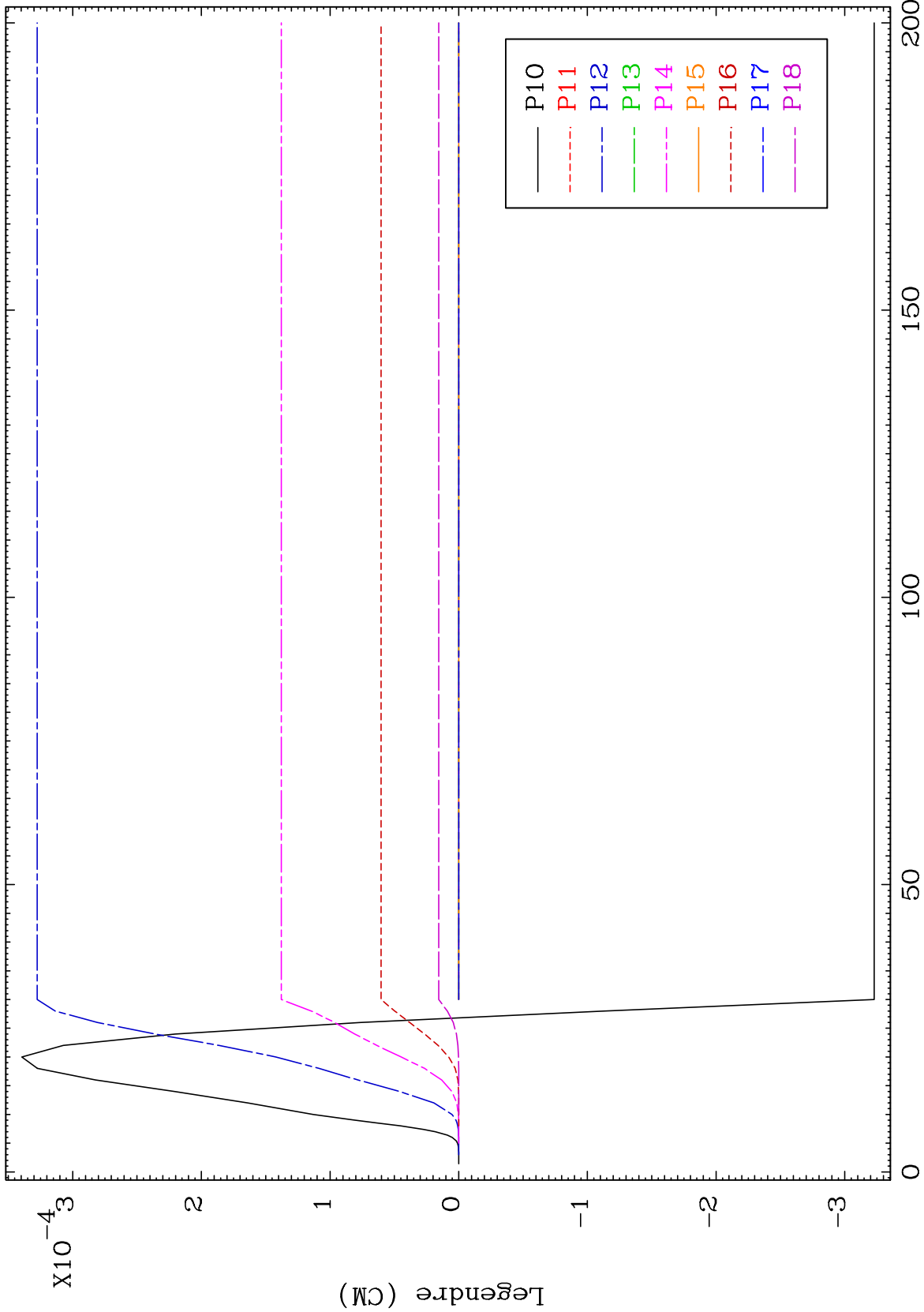
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372.1 keV (n,n') Level  
Legendre Coefficients

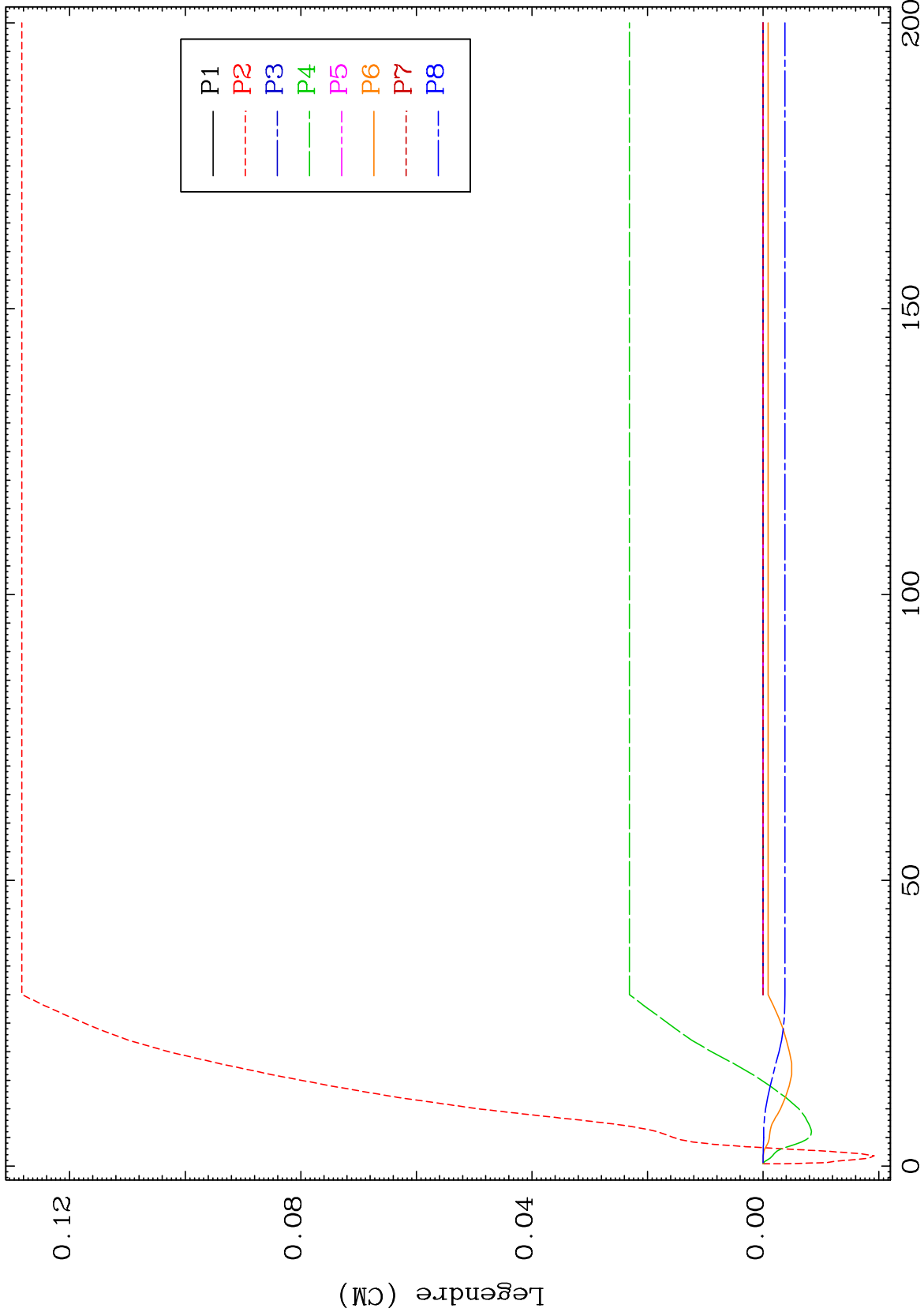
53-I -128

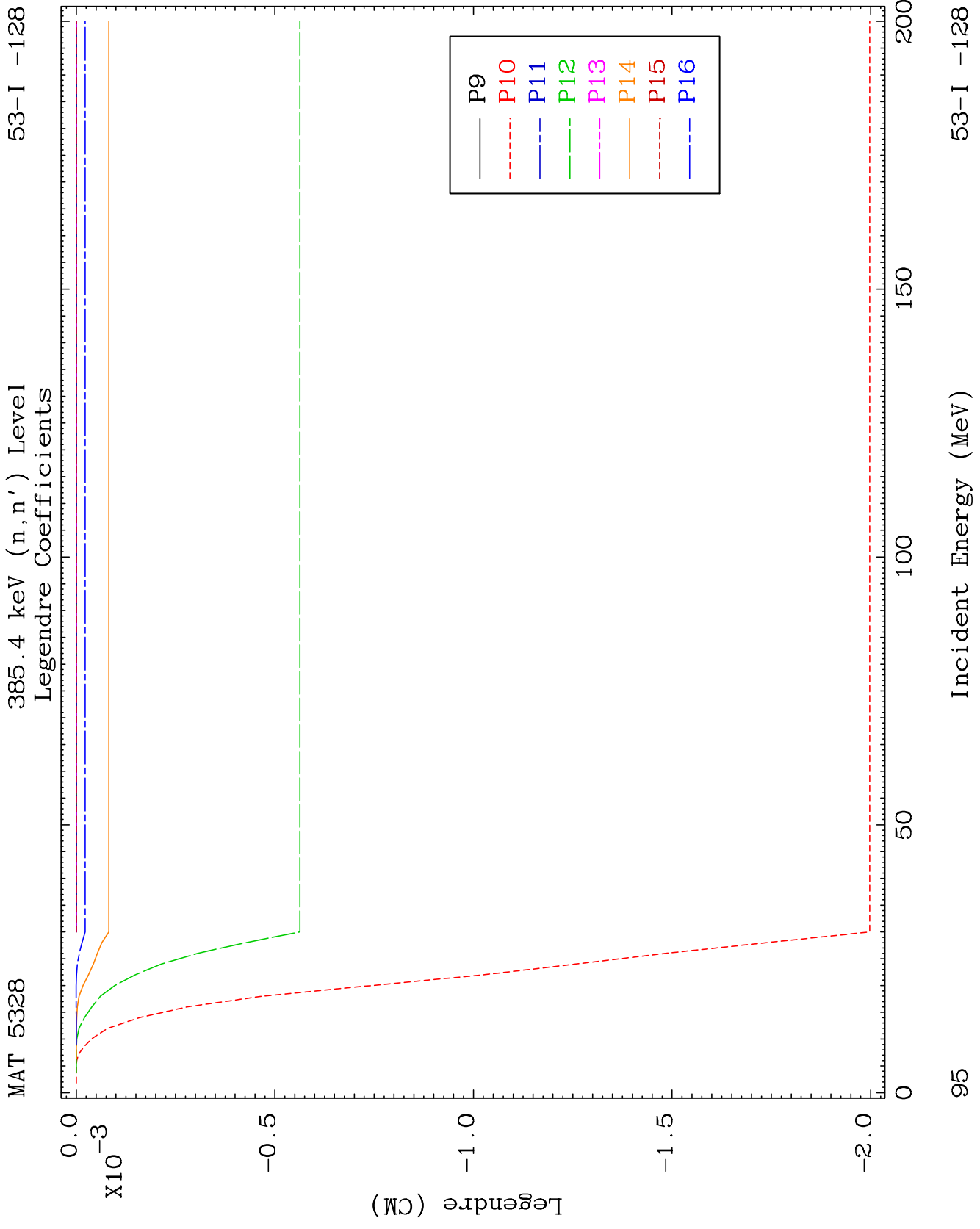




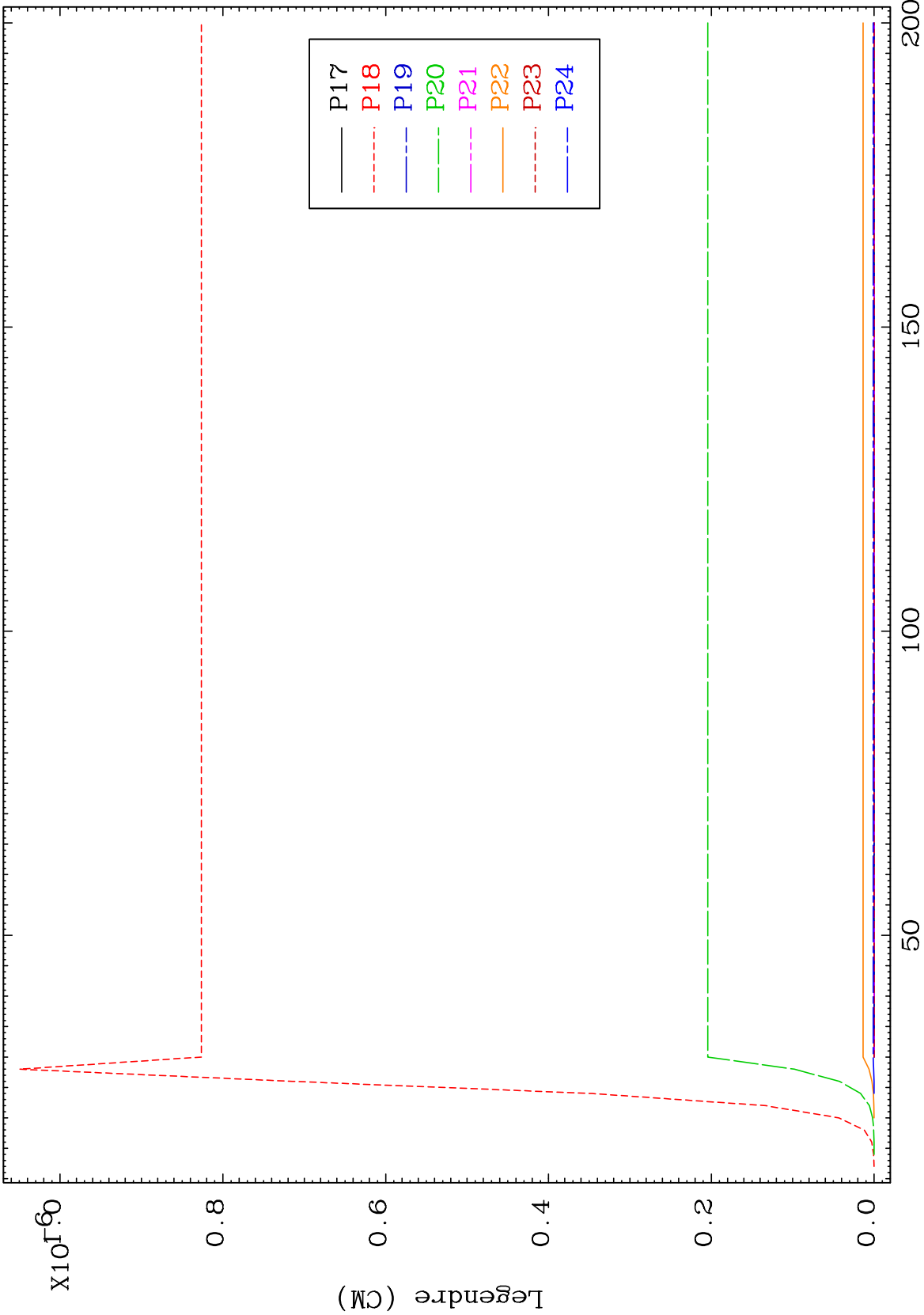


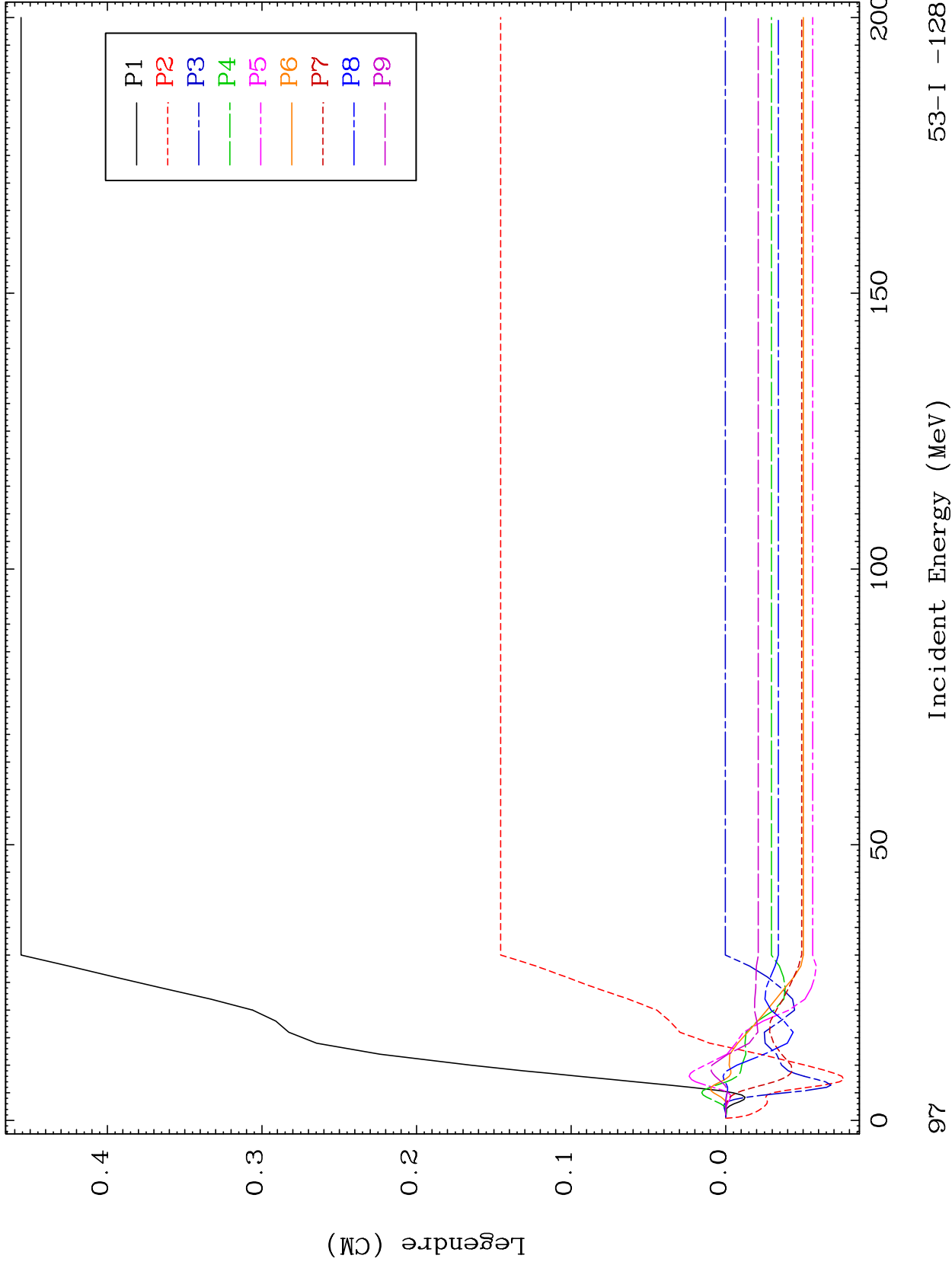


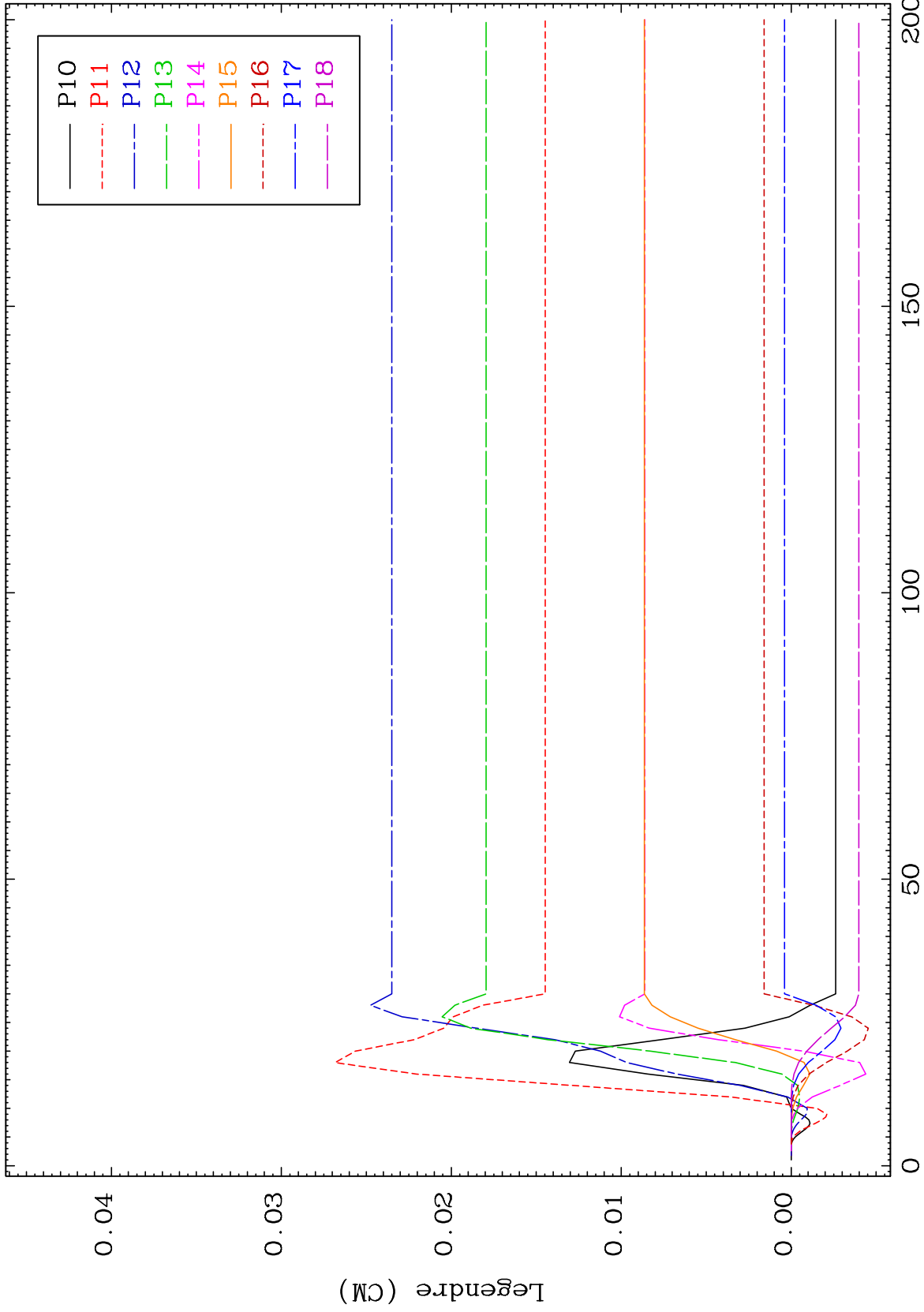


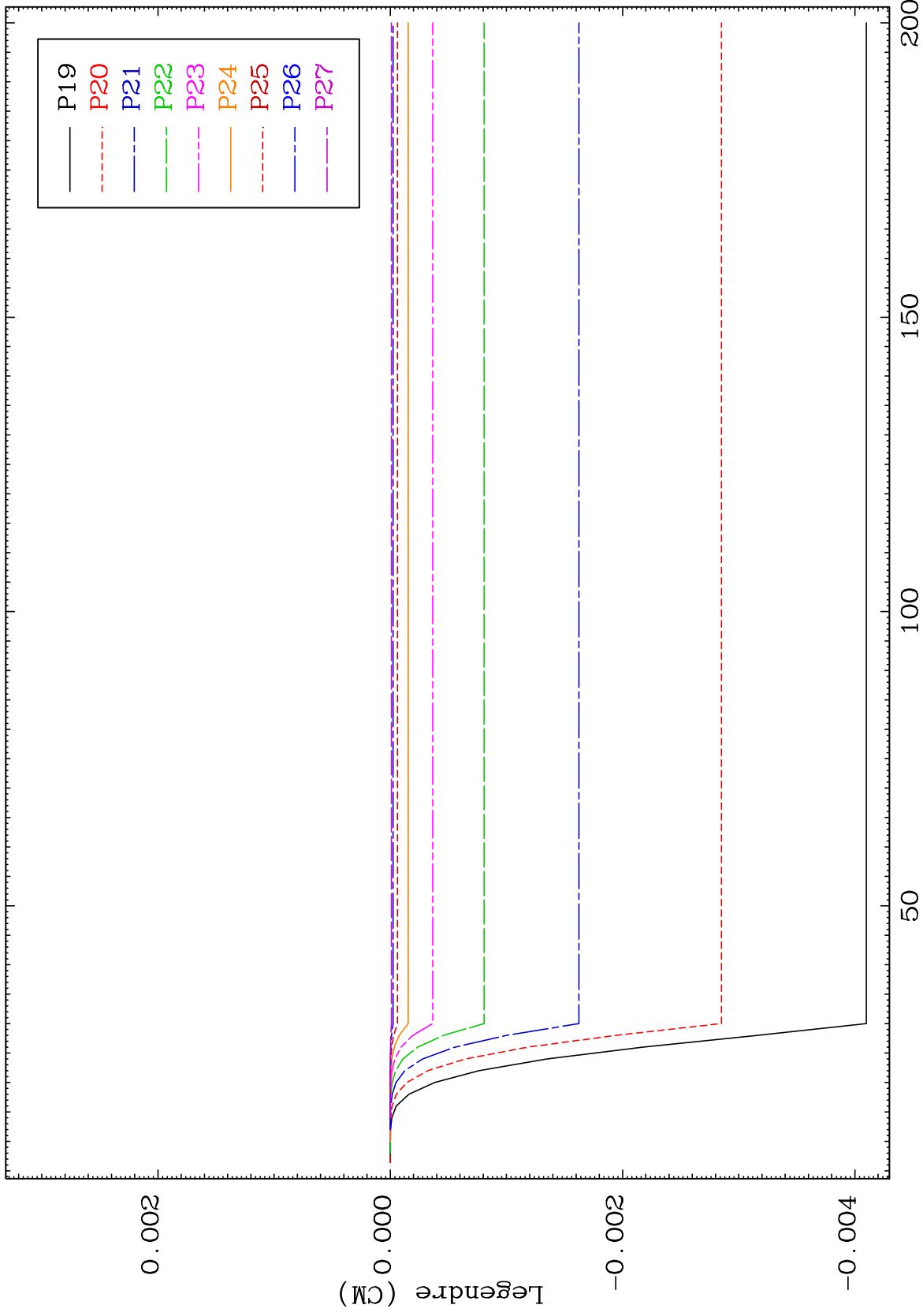


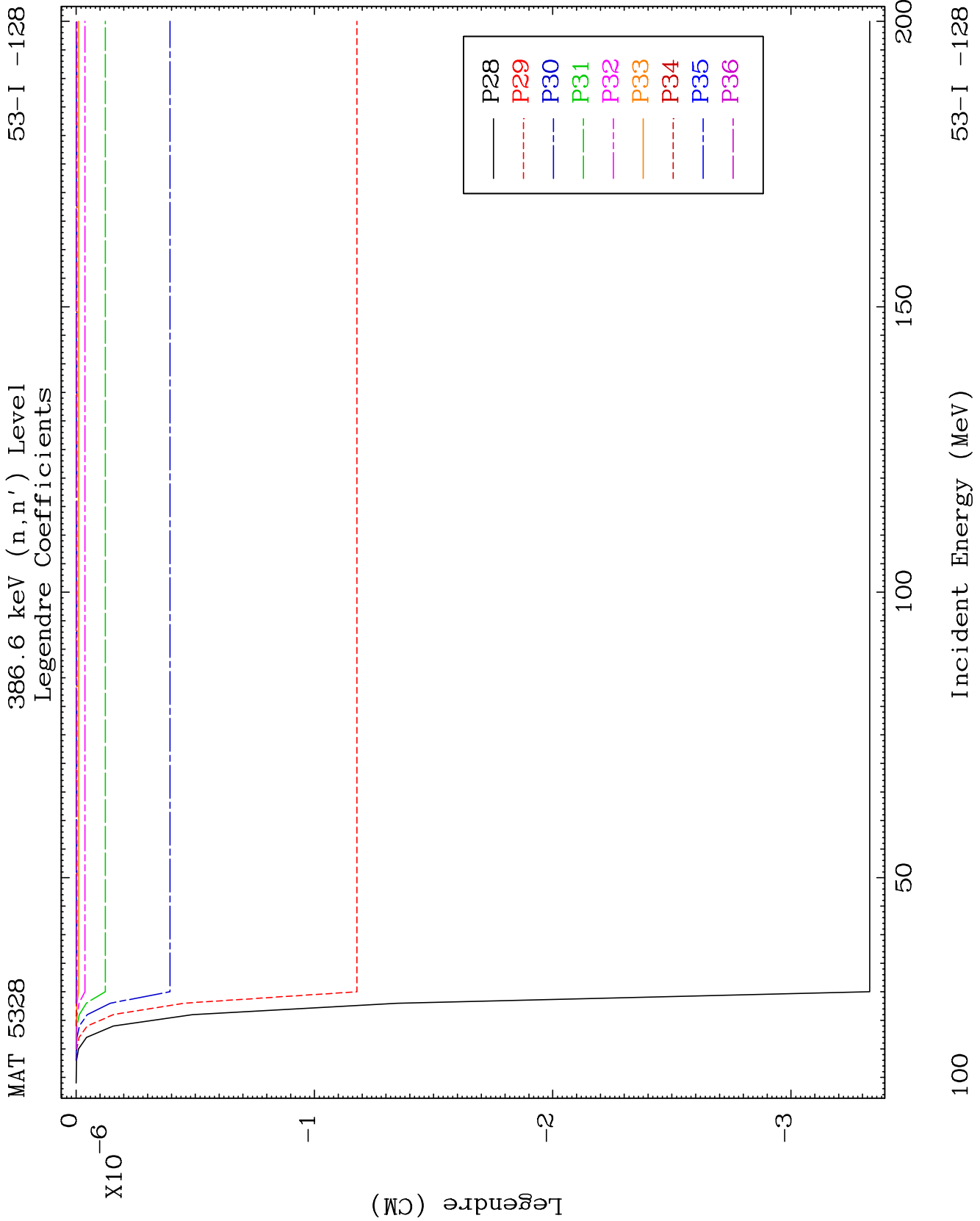








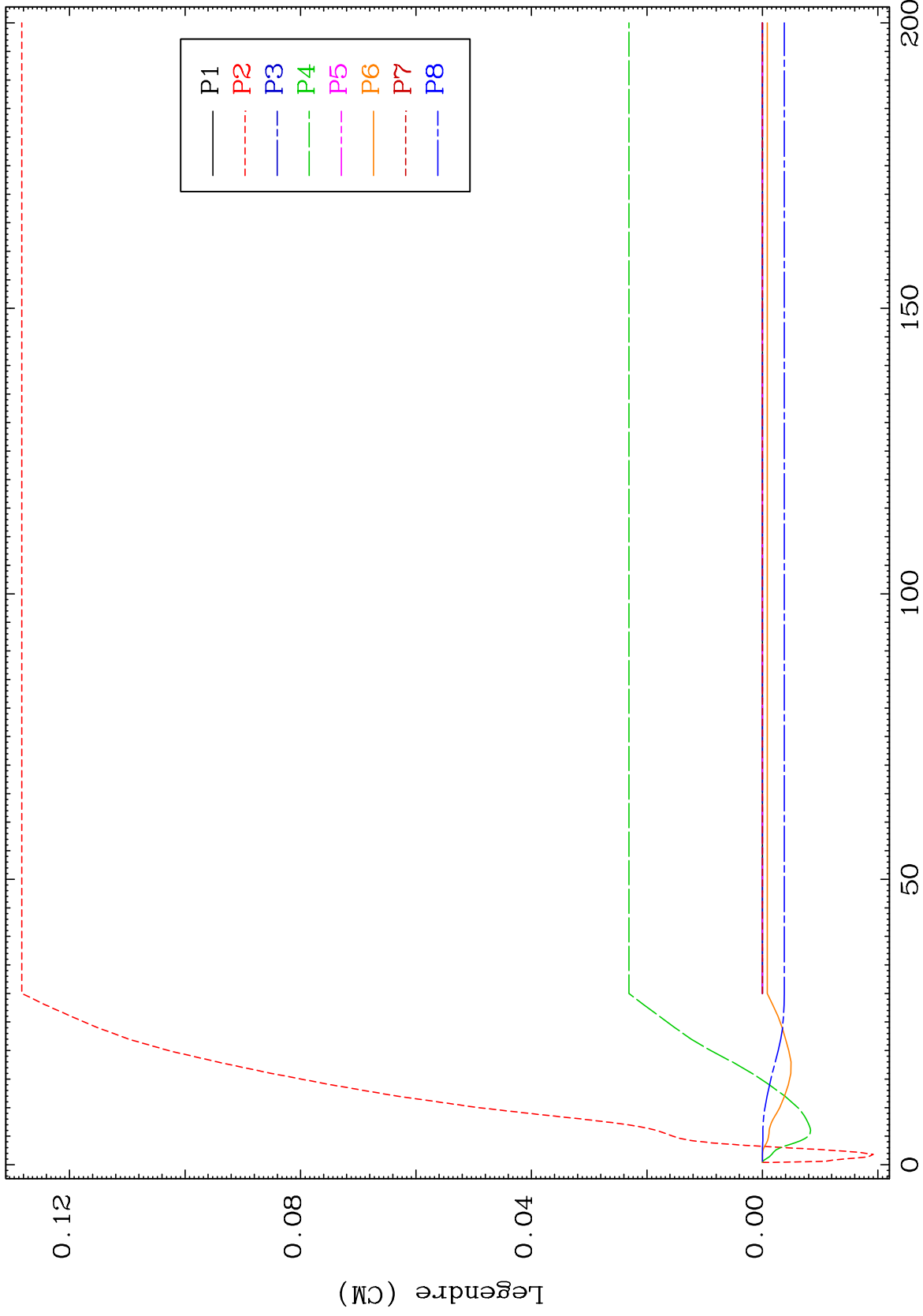




MAT 5328

392.0 keV (n,n') Level  
Legendre Coefficients

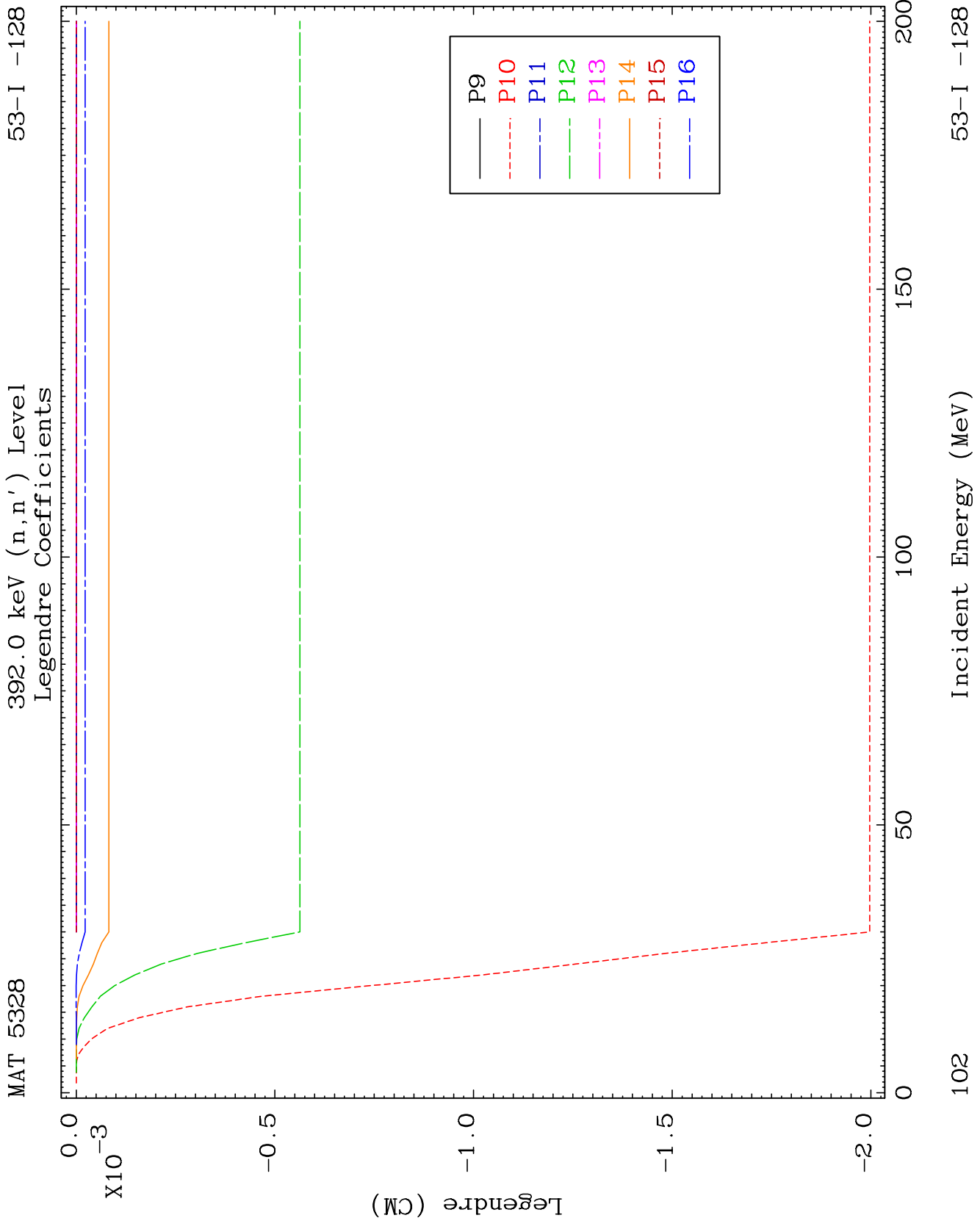
53-I -128

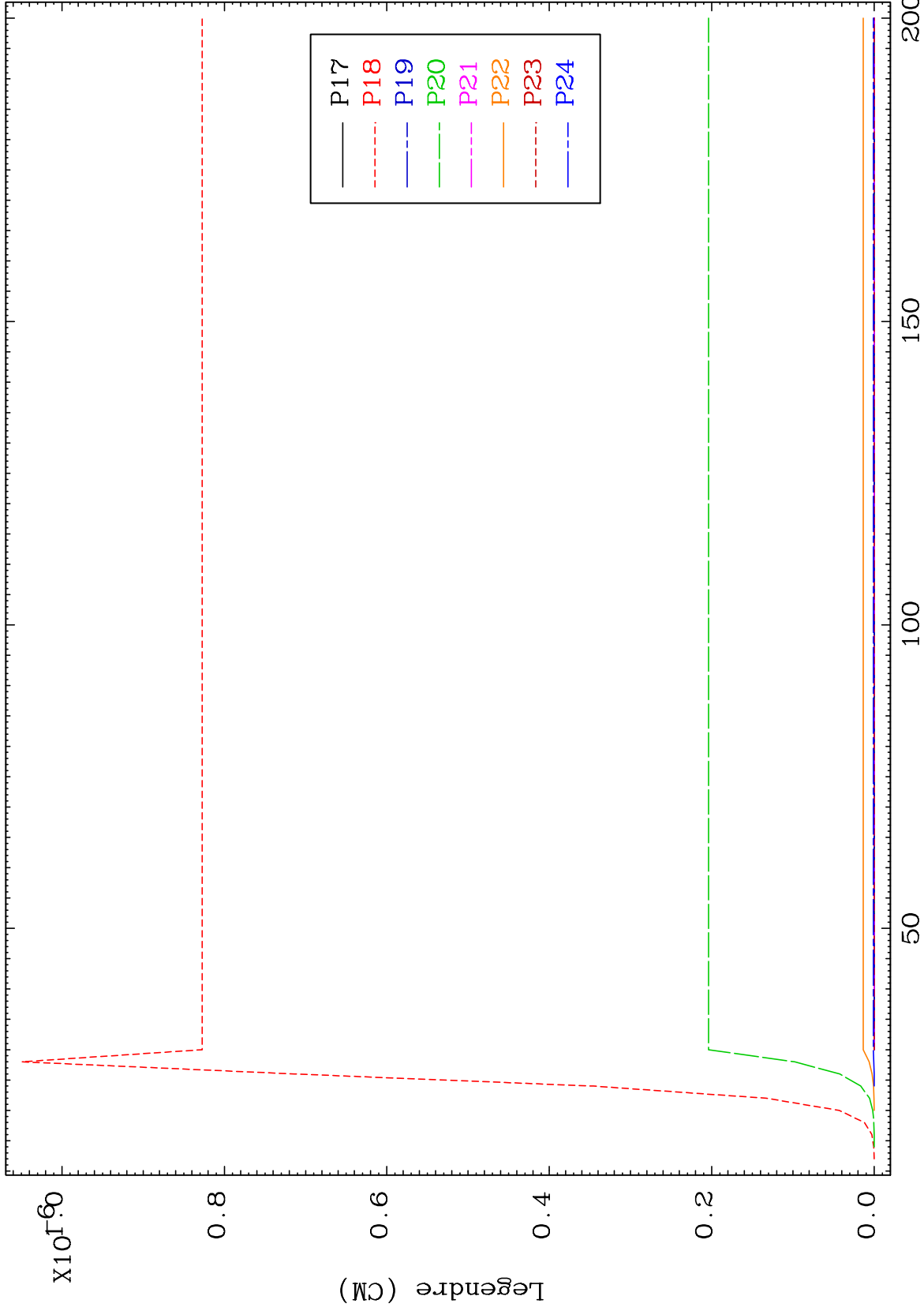


53-I -128

Incident Energy (MeV)

101



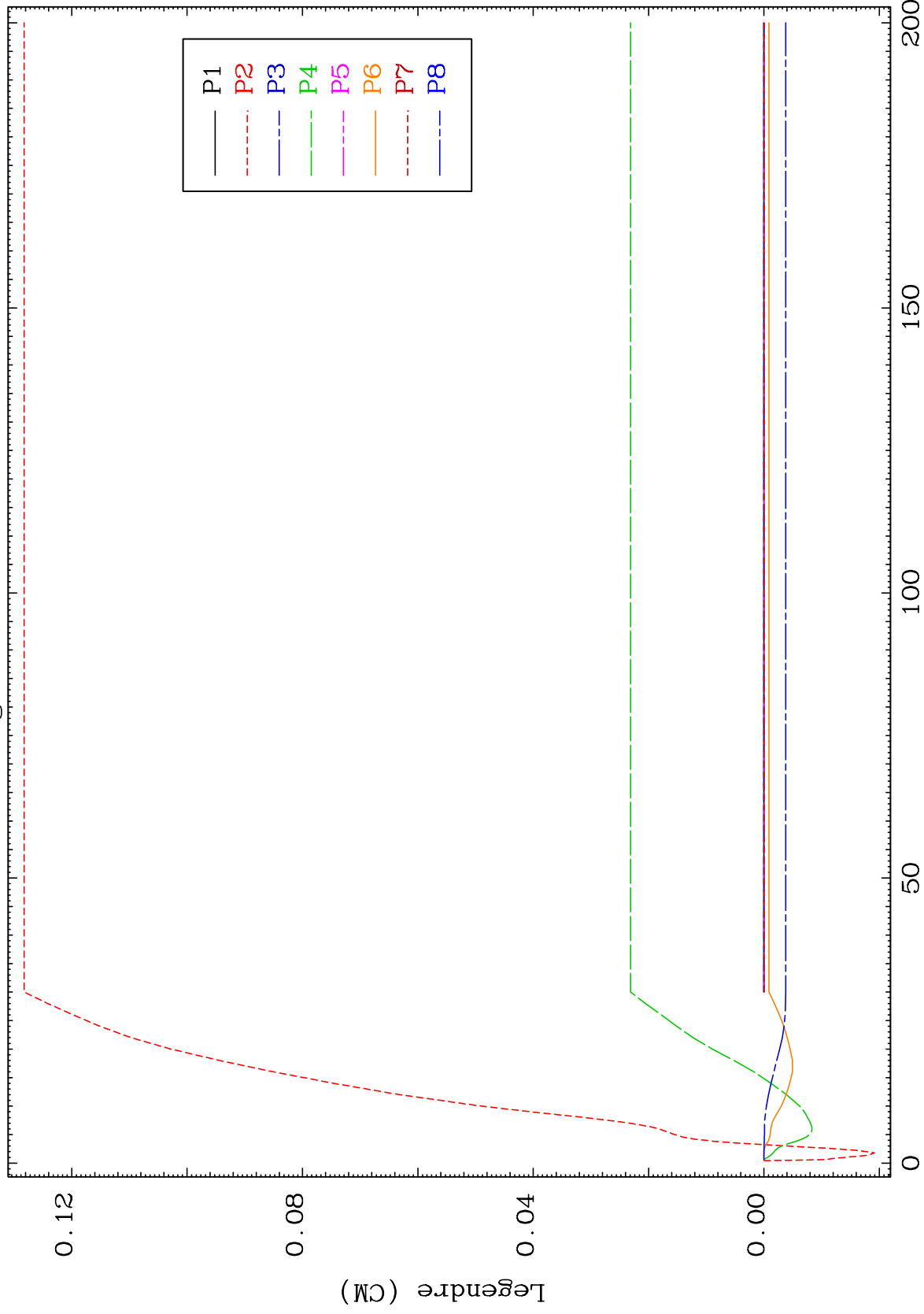




MAT 5328

416.3 keV (n,n') Level  
Legendre Coefficients

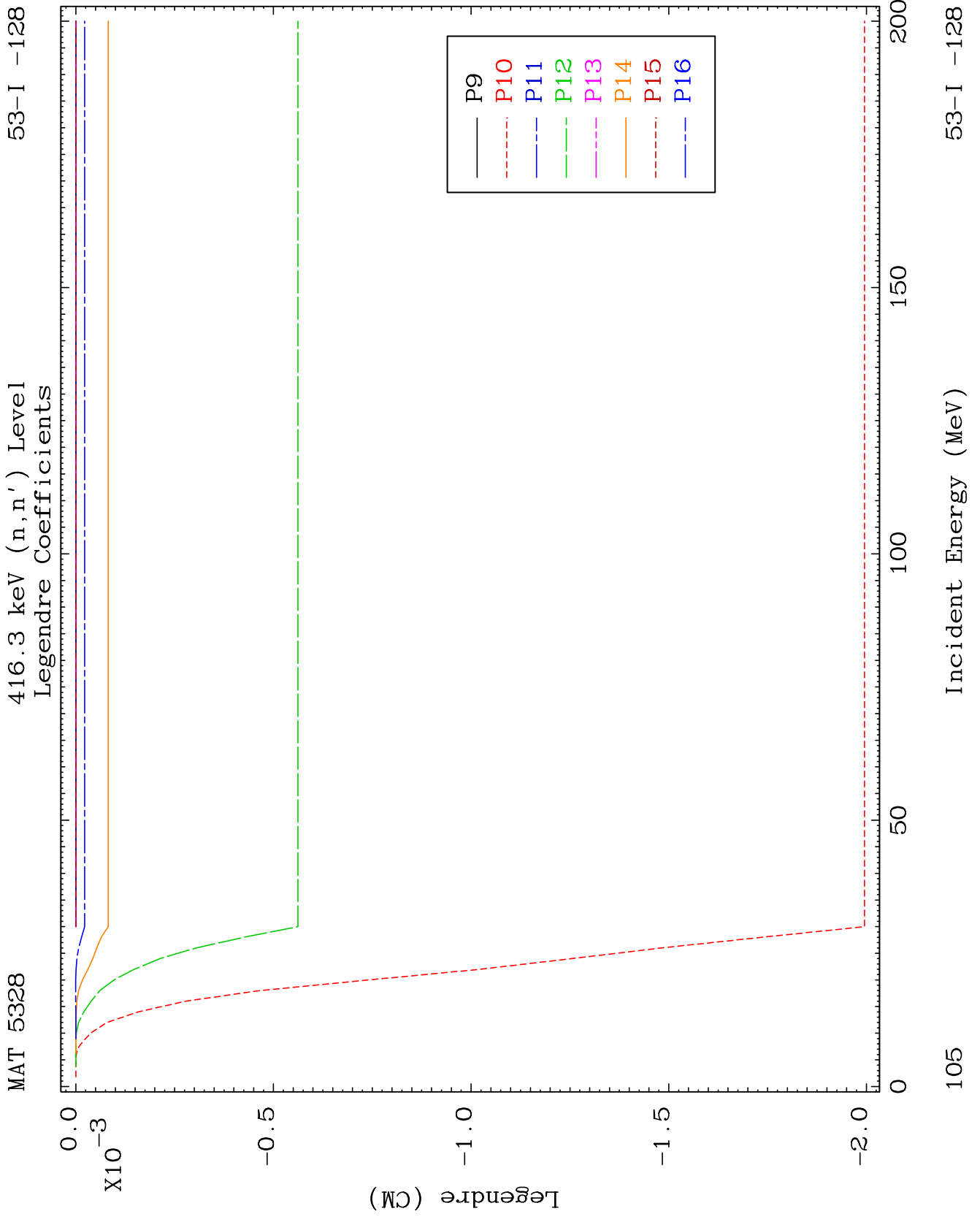
53-I -128

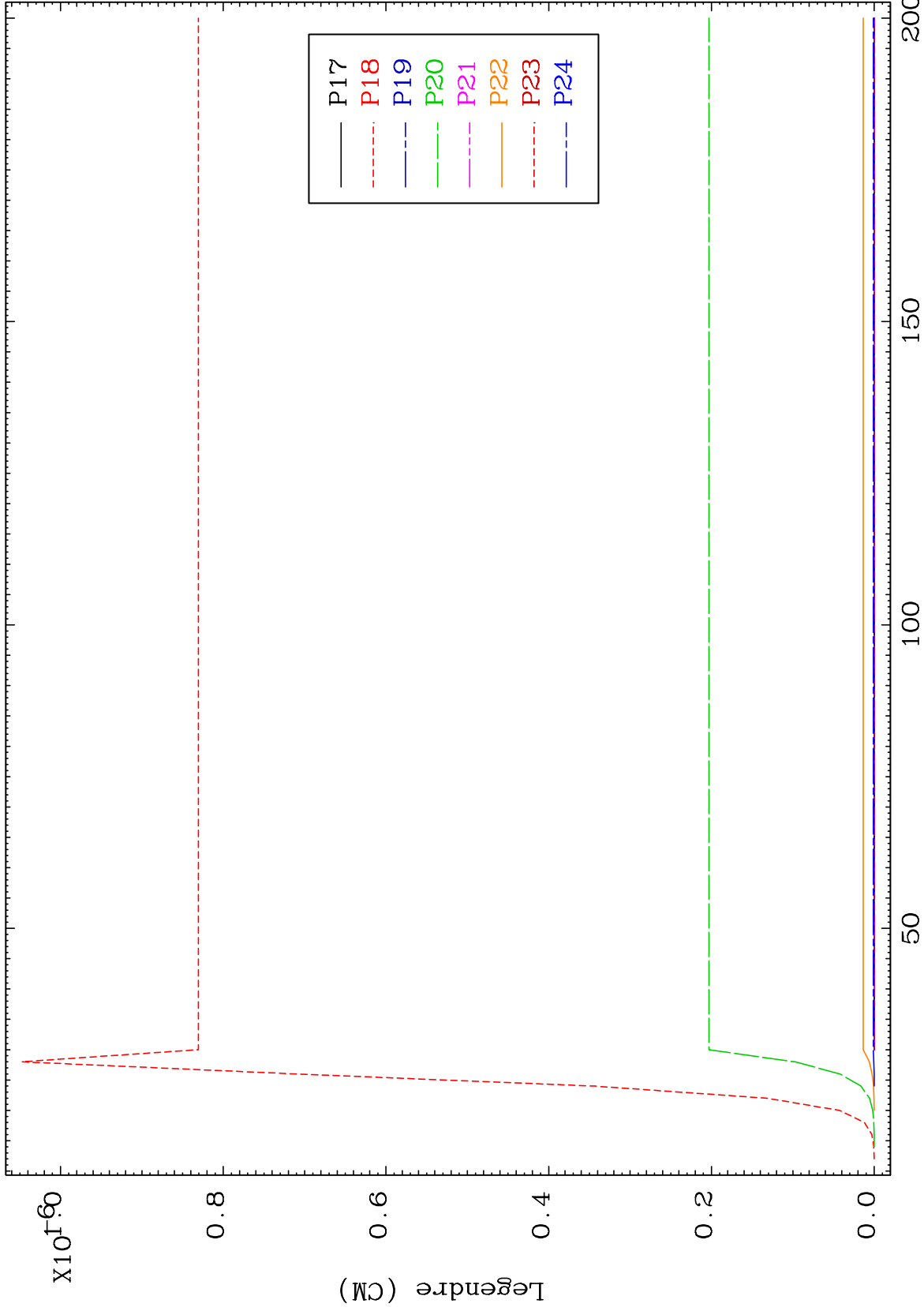


104

Incident Energy (MeV)

53-I -128

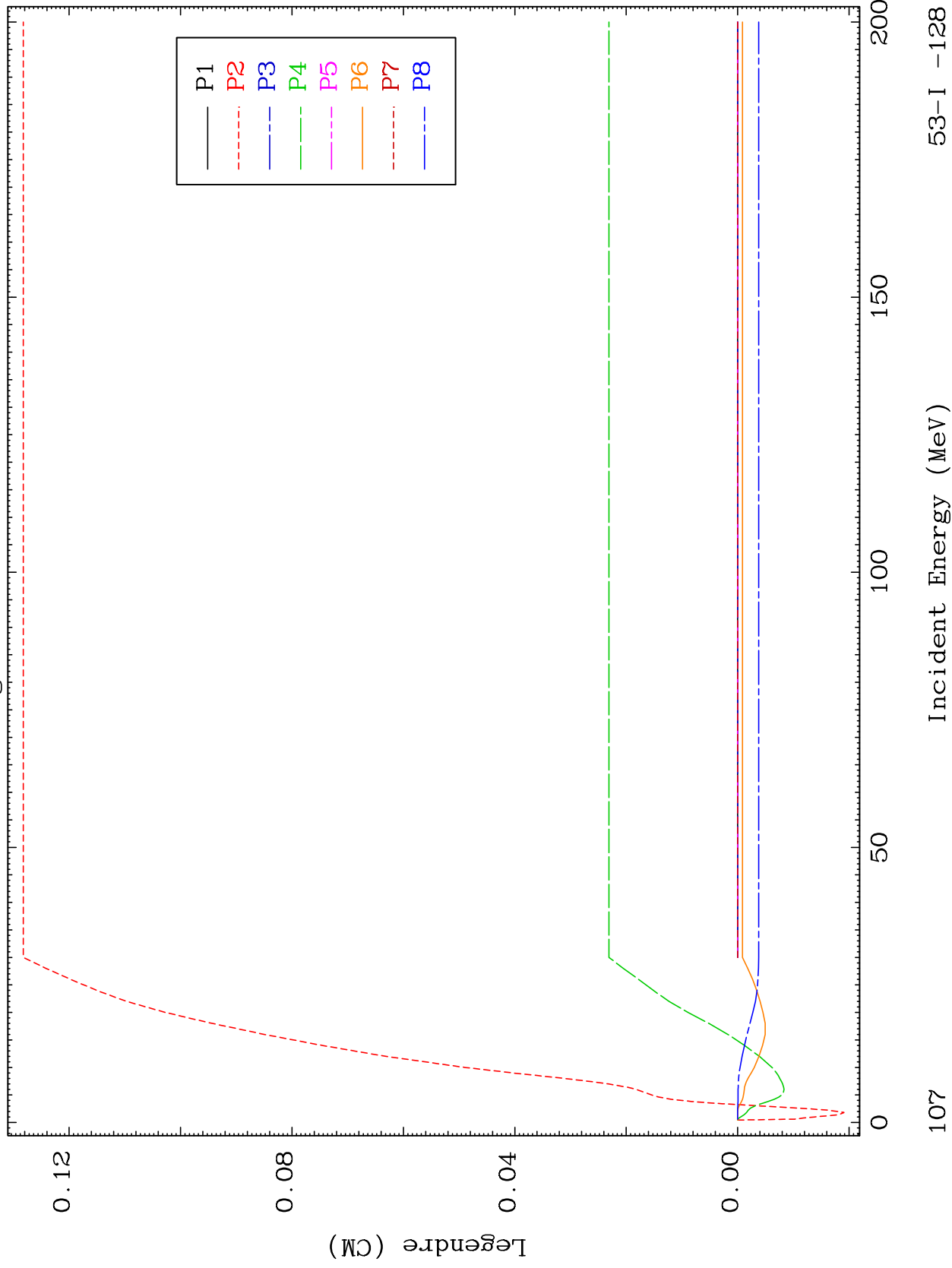




MAT 5328

426.3 keV (n,n') Level  
Legendre Coefficients

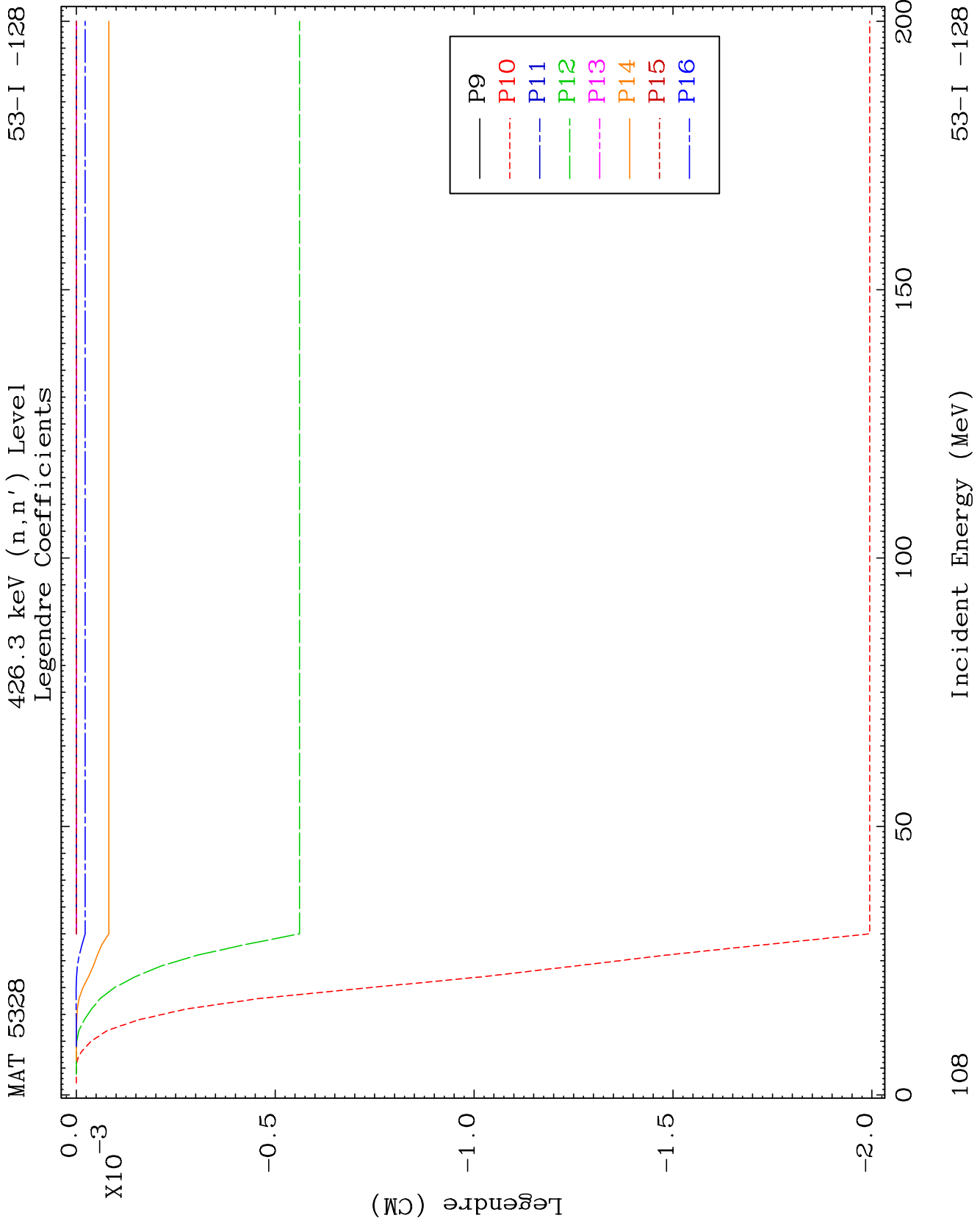
53-I -128

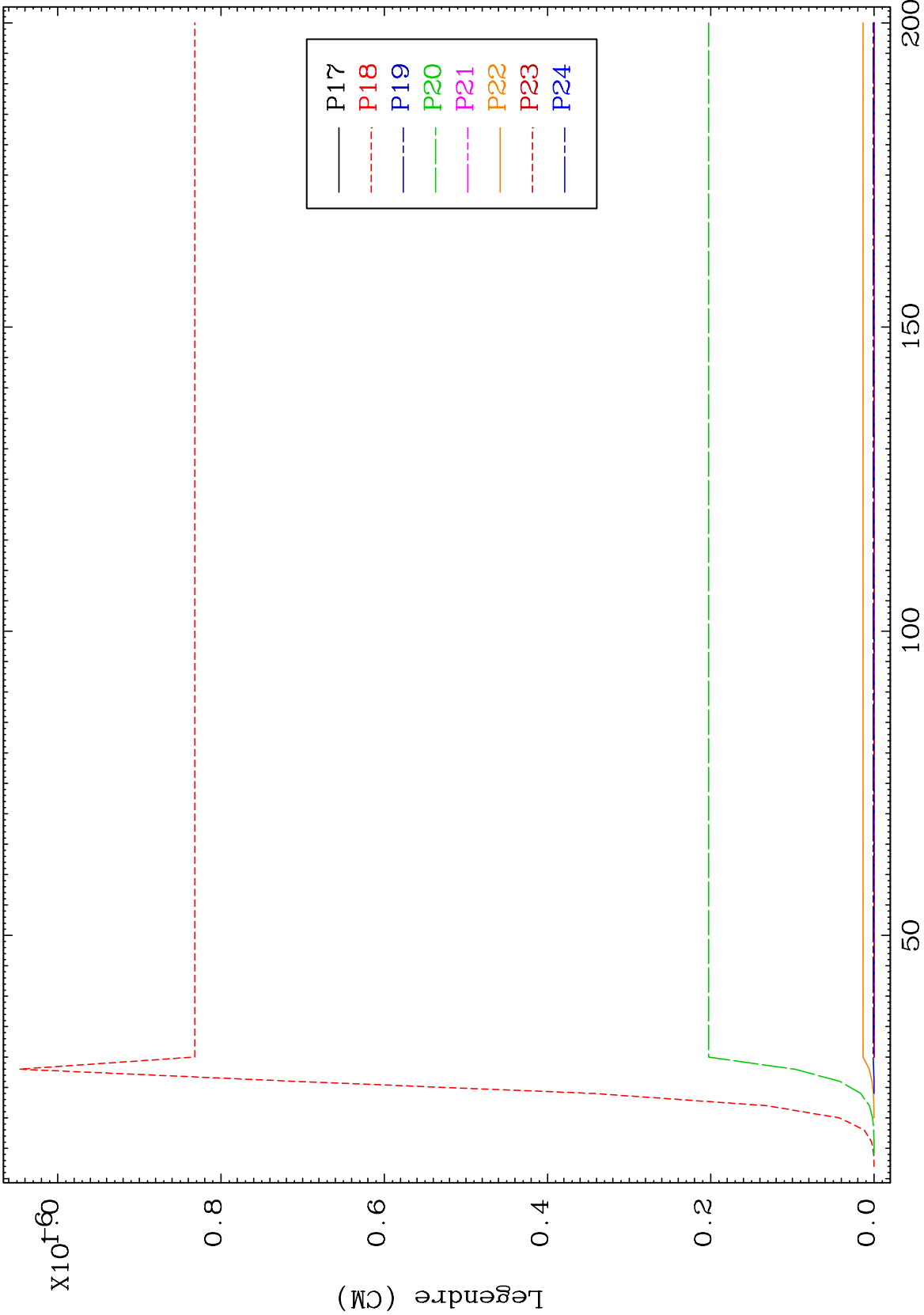


53-I -128

Incident Energy (MeV)

107

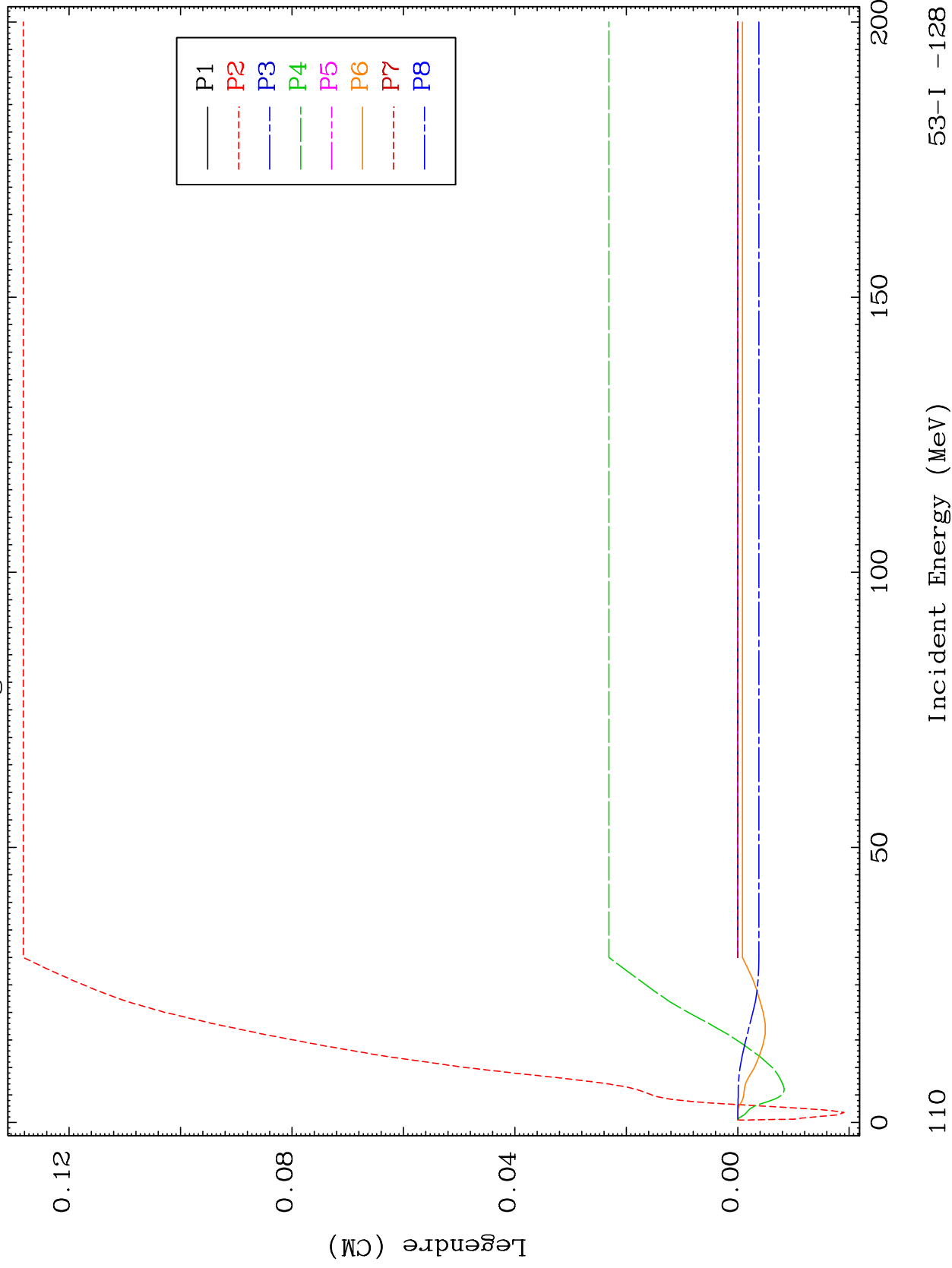




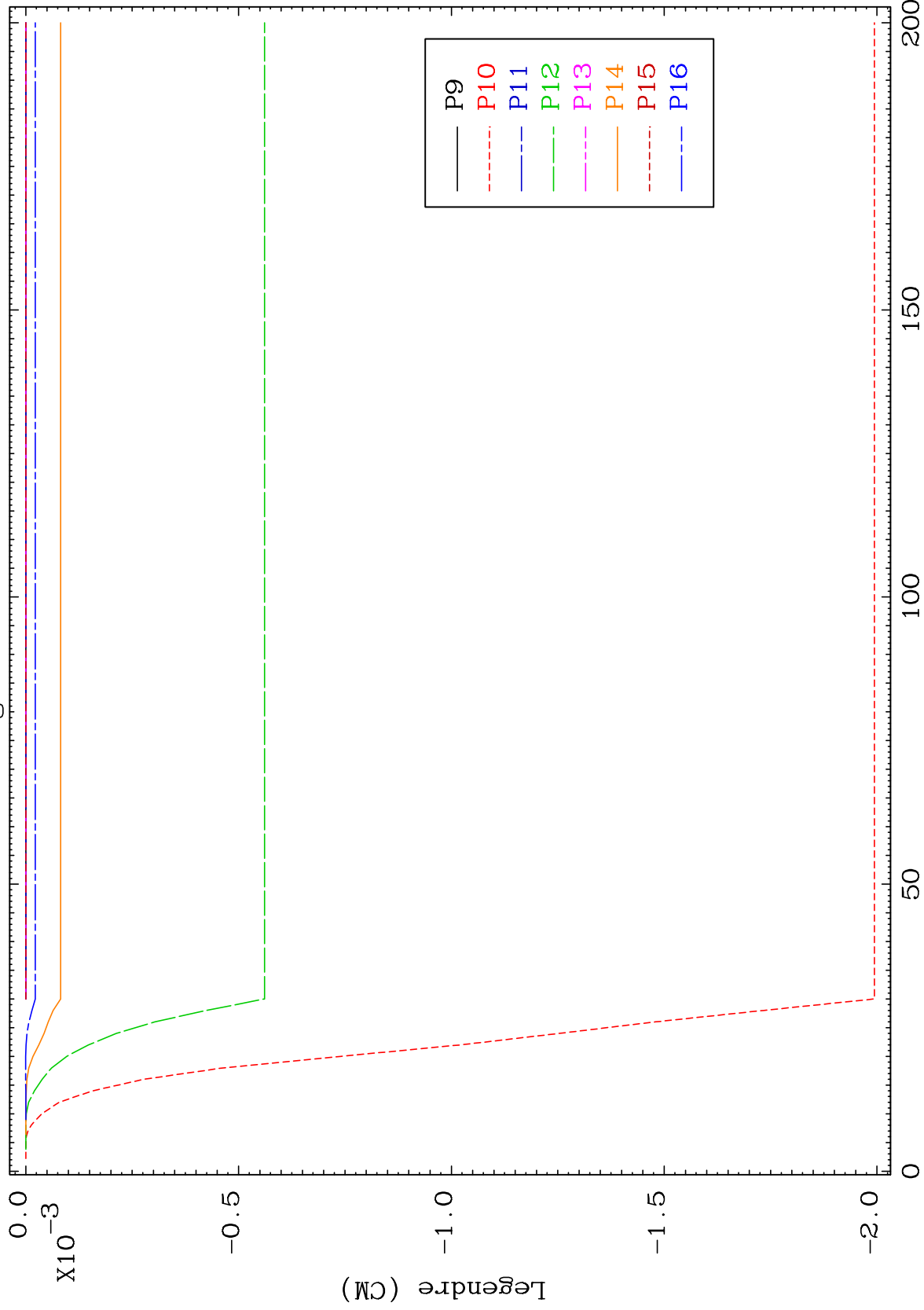
MAT 5328

434.4 keV (n,n') Level  
Legendre Coefficients

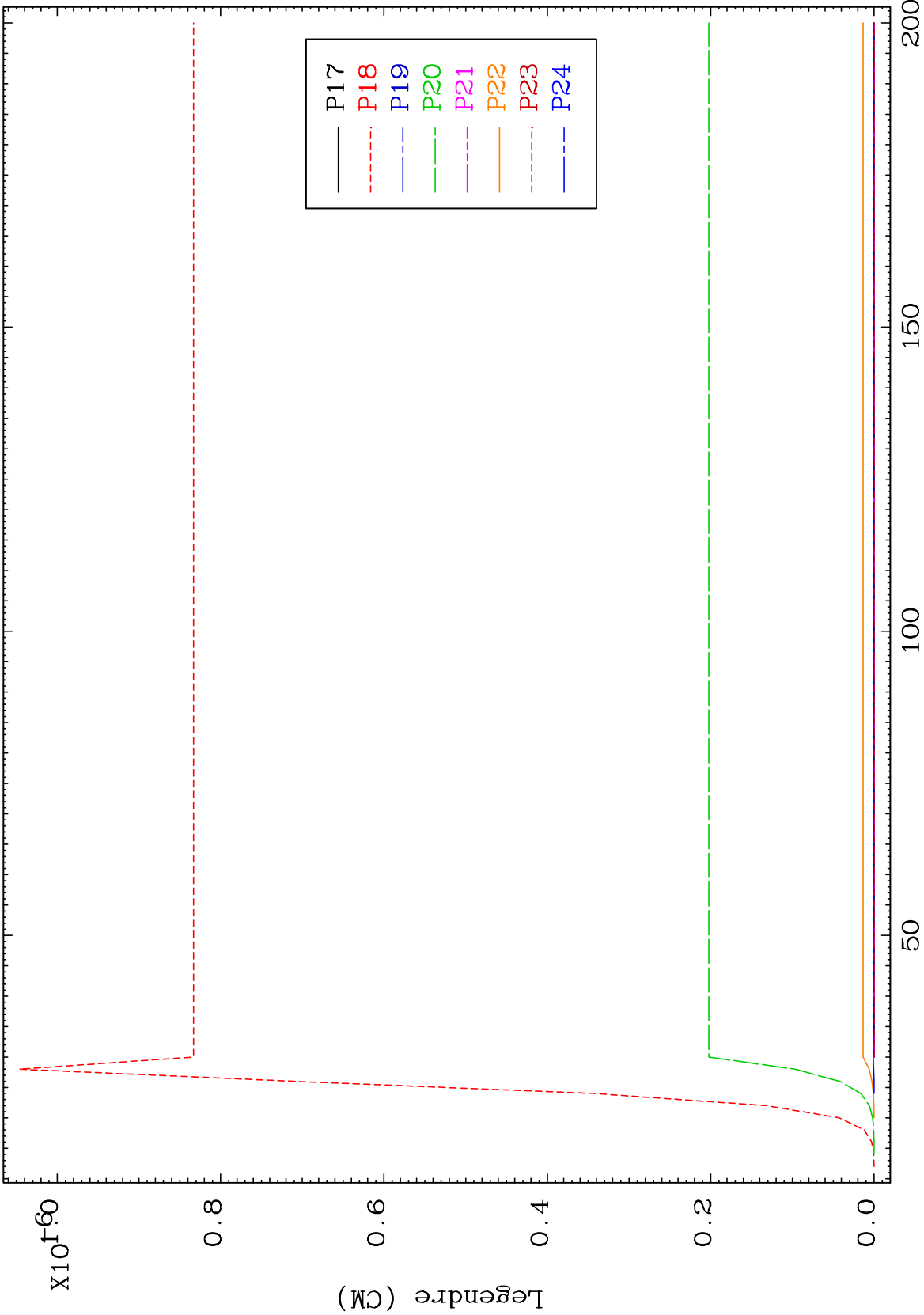
53-I -128

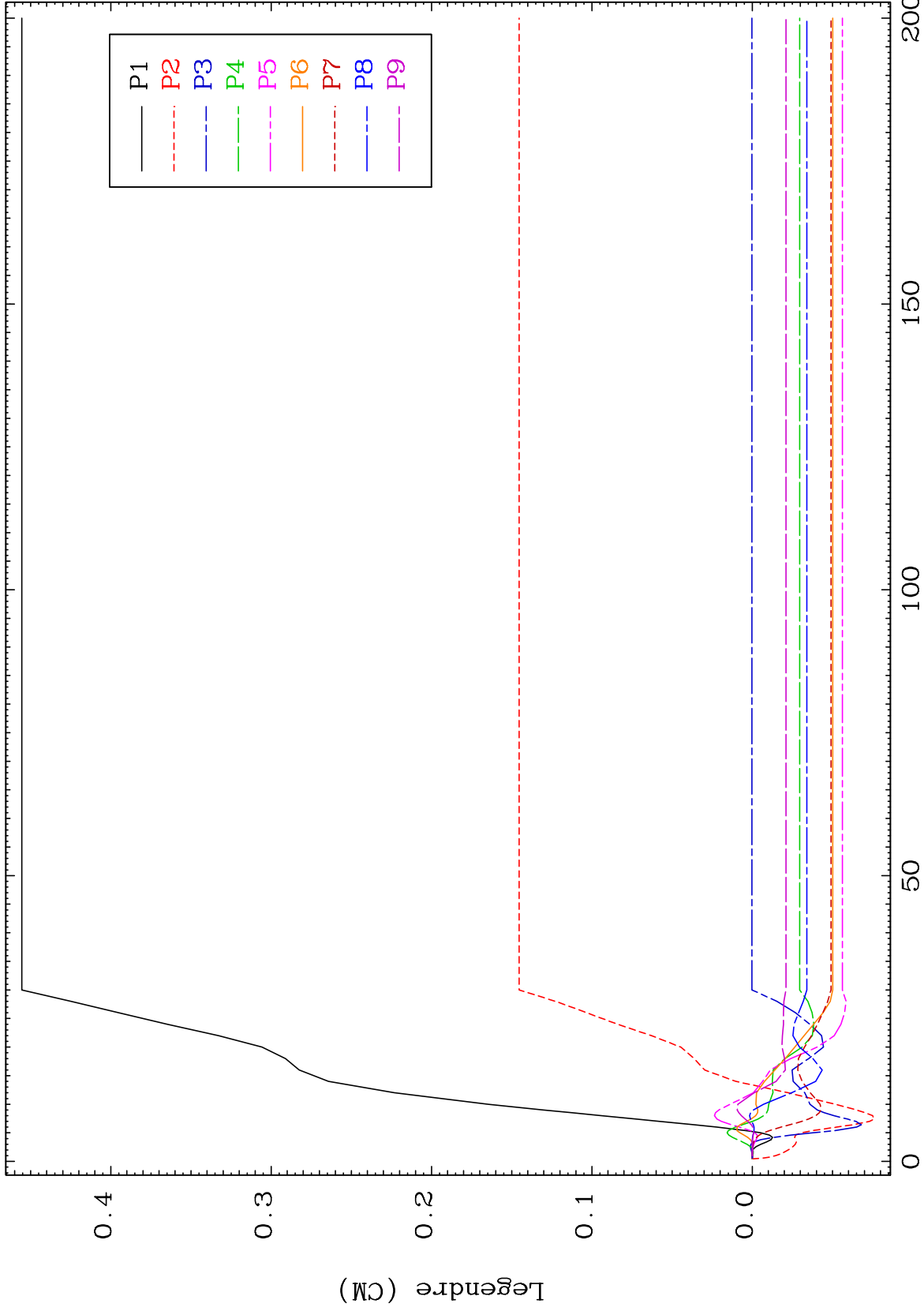


53-I -128





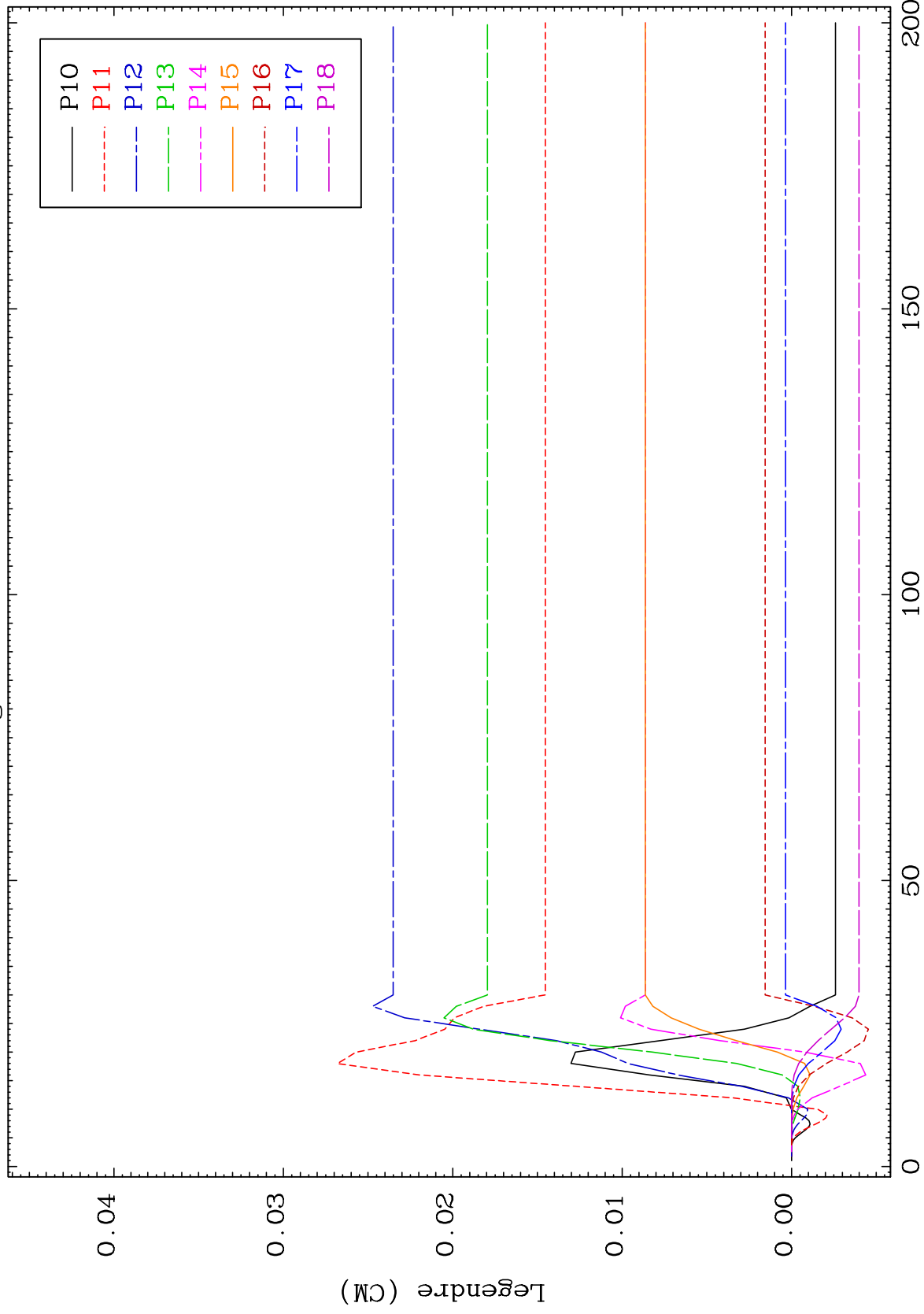




MAT 5328

435.5 keV (n,n') Level  
Legendre Coefficients

53-I -128



114

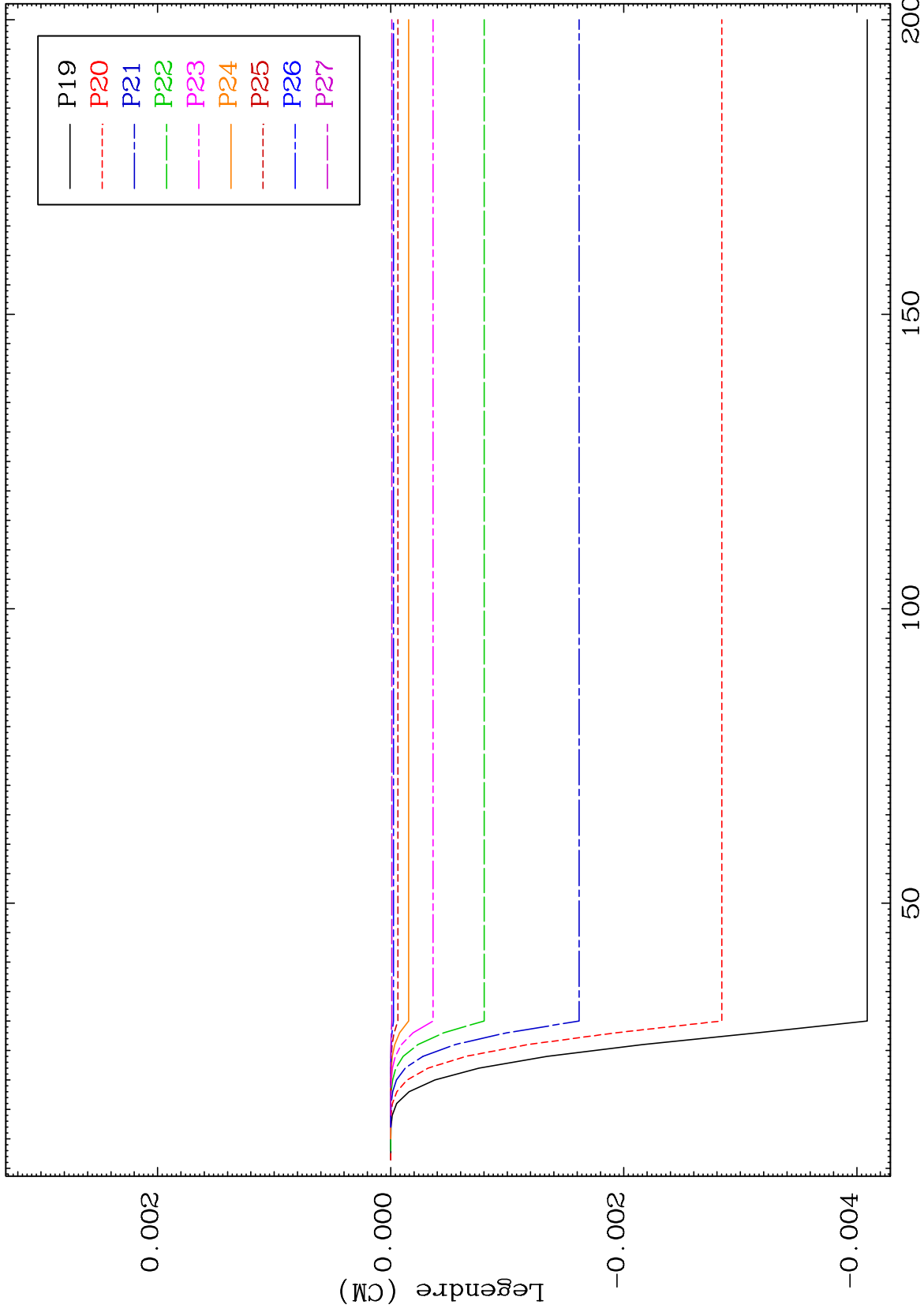
Incident Energy (MeV)

53-I -128

MAT 5328

435.5 keV (n,n') Level  
Legendre Coefficients

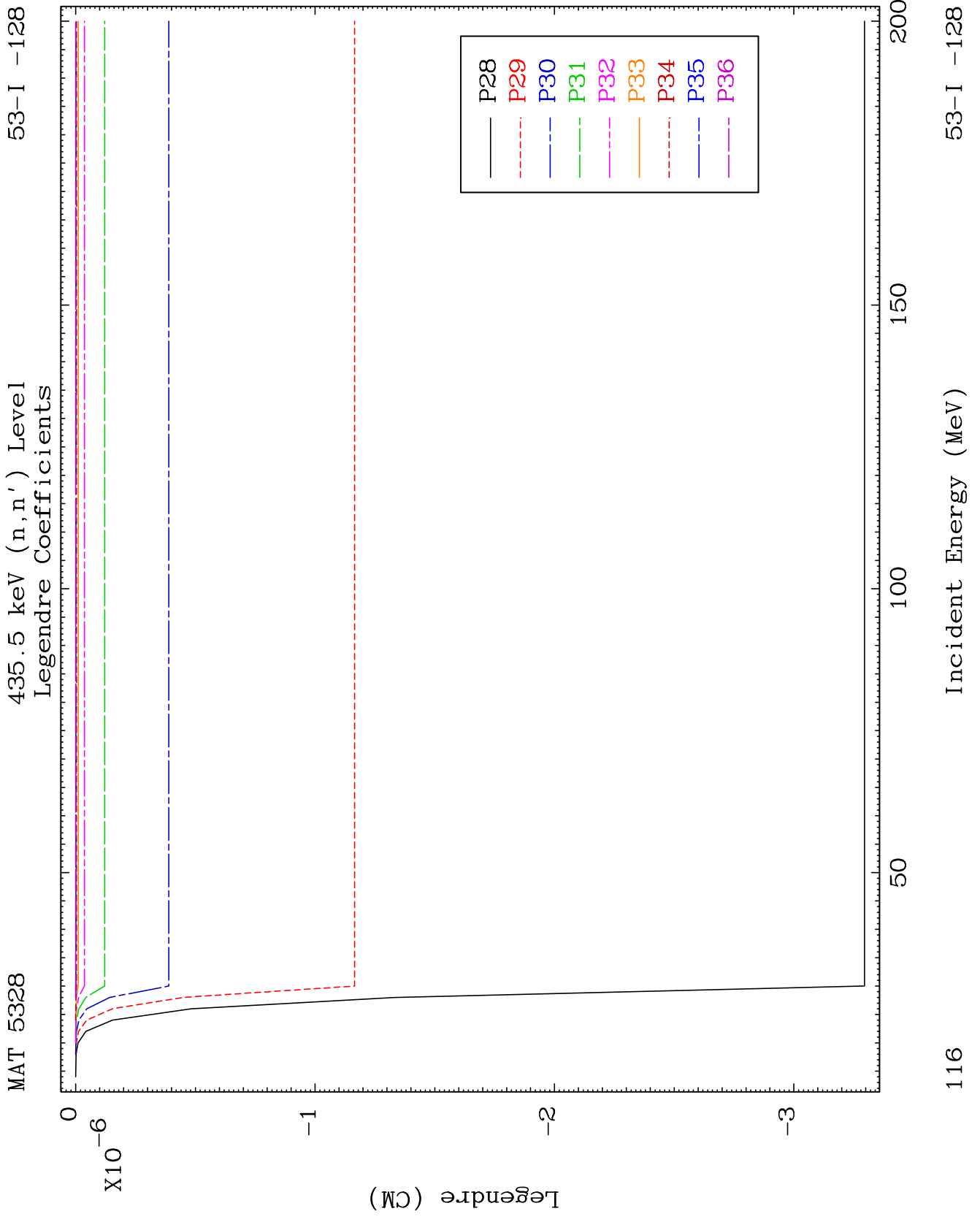
53-I -128

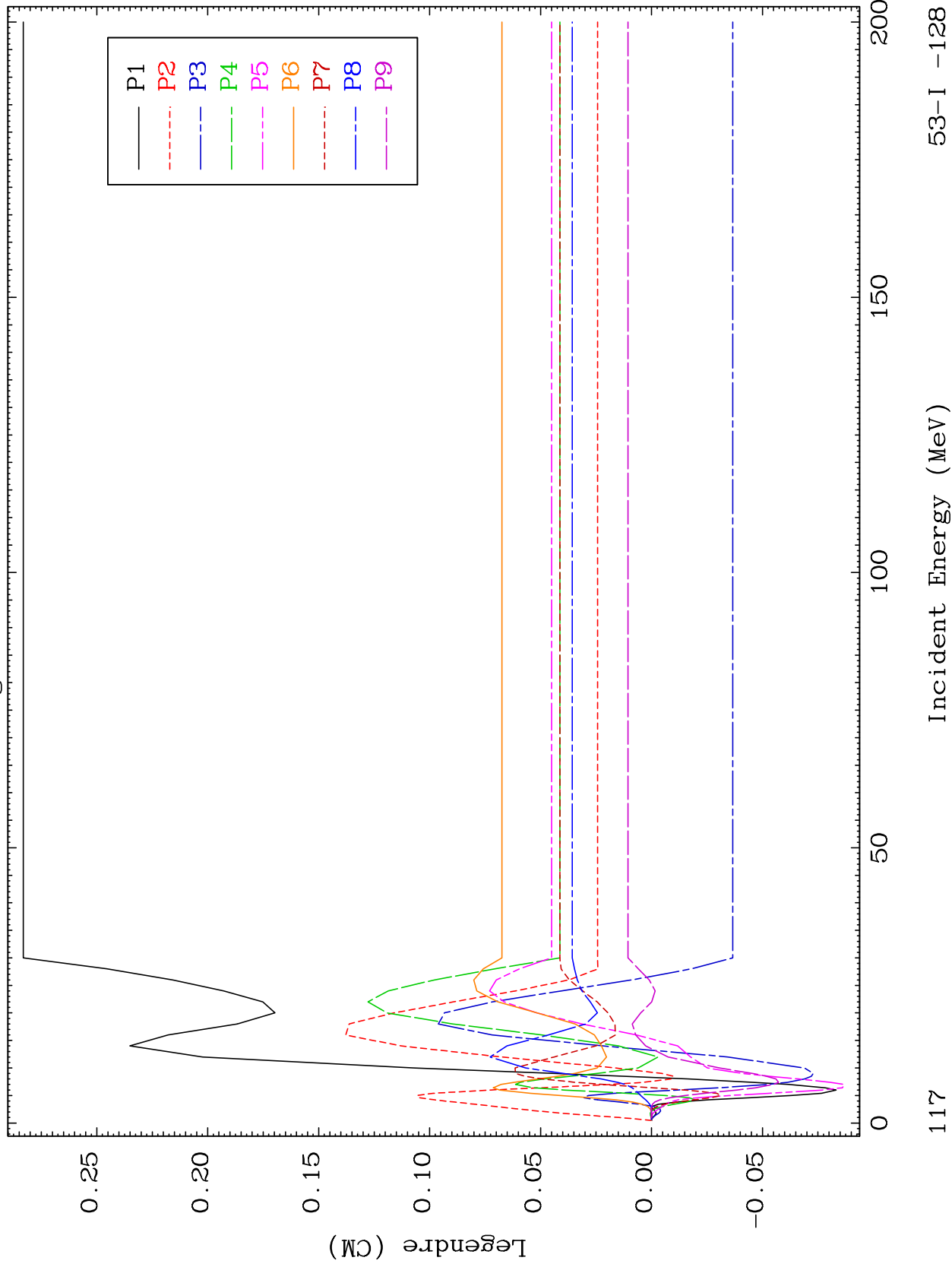


115

Incident Energy (MeV)

53-I -128

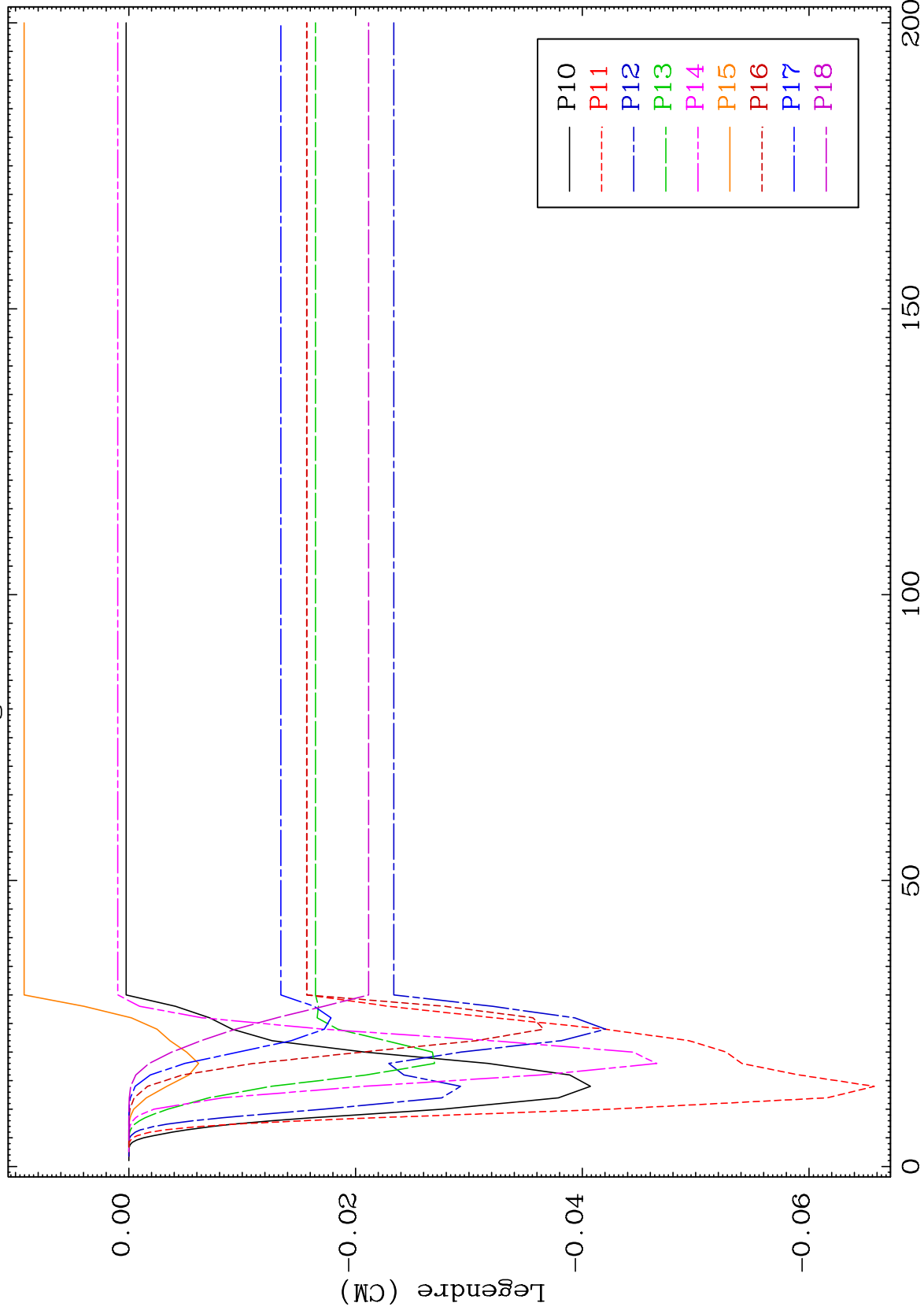




MAT 5328

445.3 keV (n,n') Level  
Legendre Coefficients

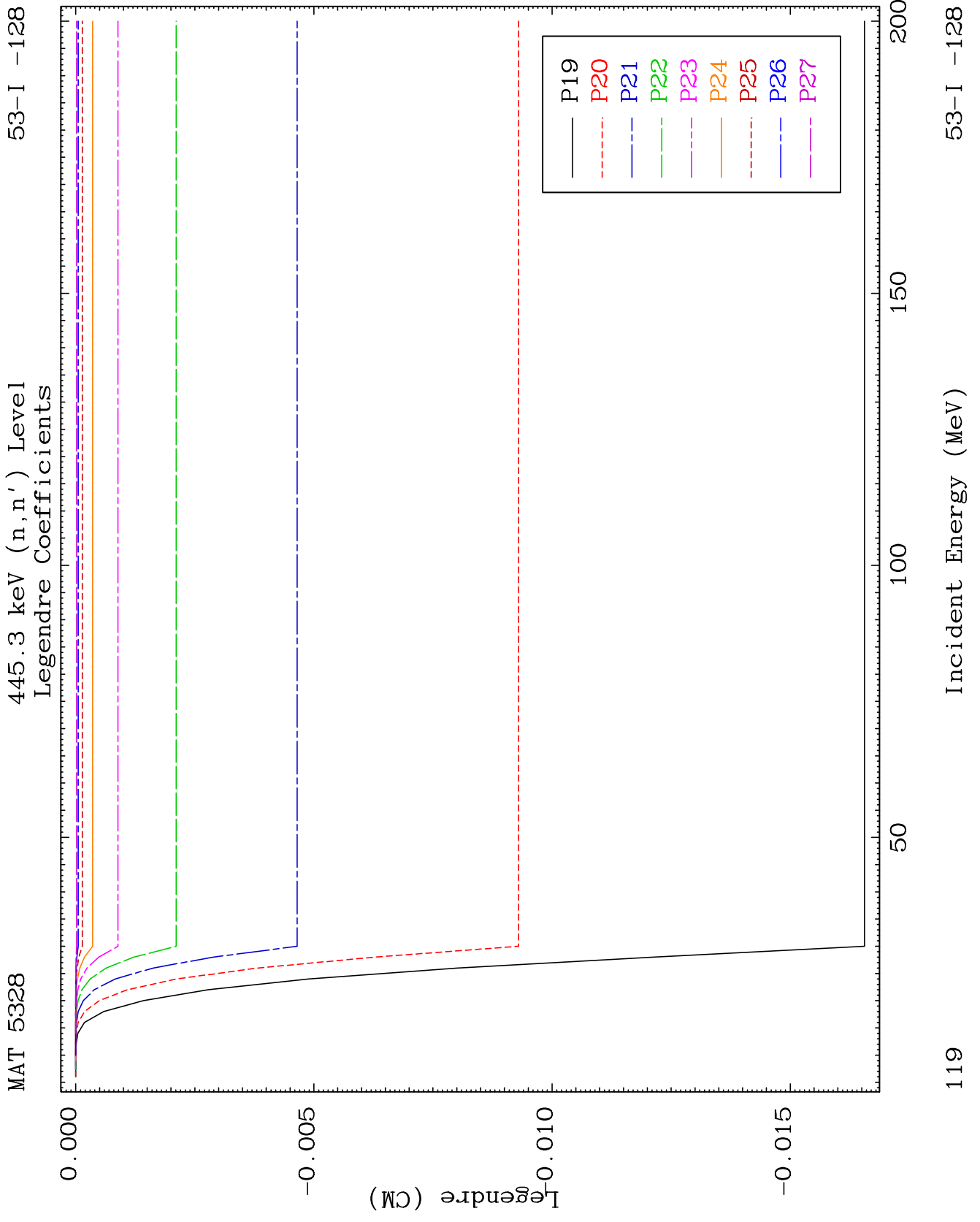
53-I -128



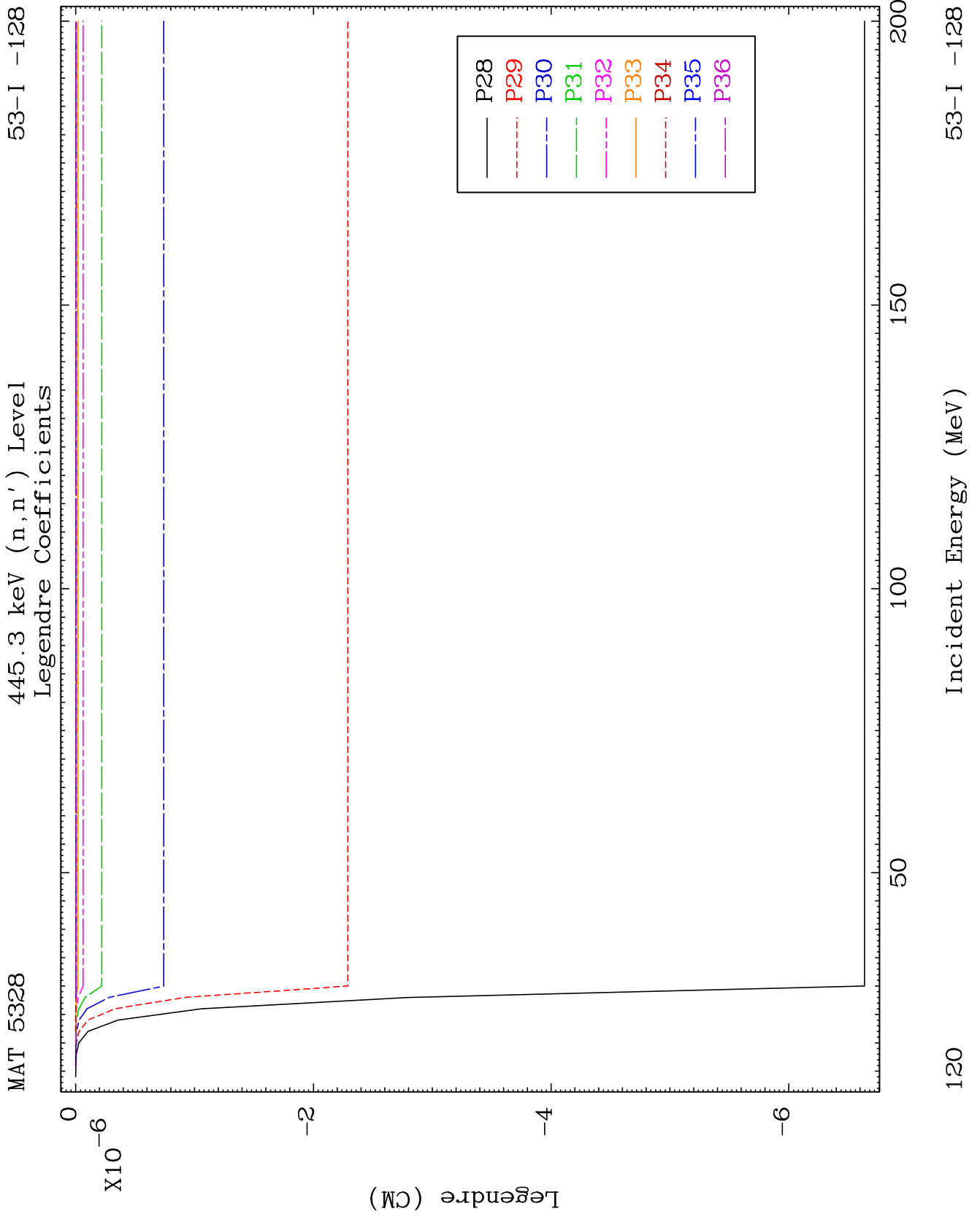
118

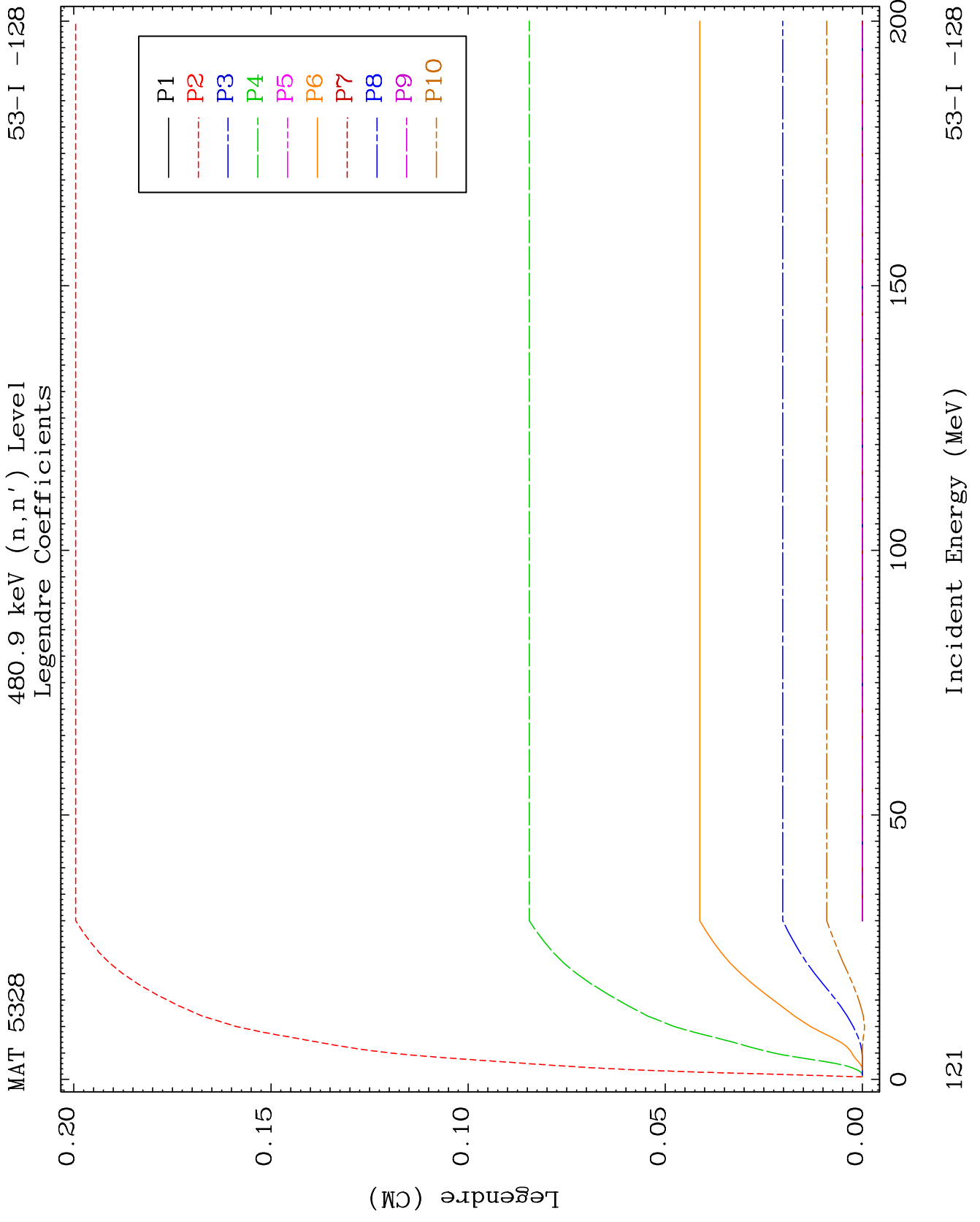
Incident Energy (MeV)

53-I -128





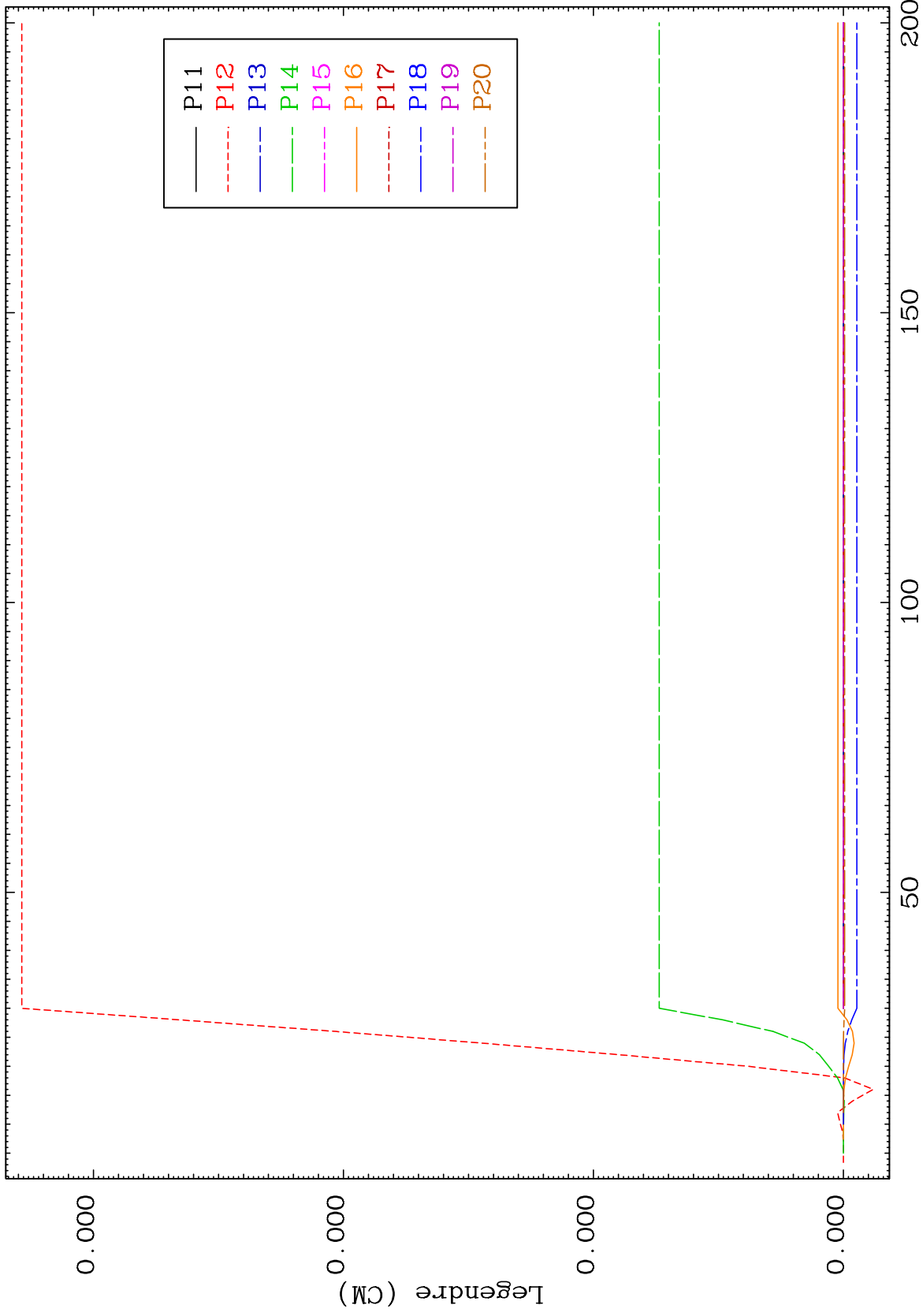




MAT 5328

480.9 keV (n,n') Level  
Legendre Coefficients

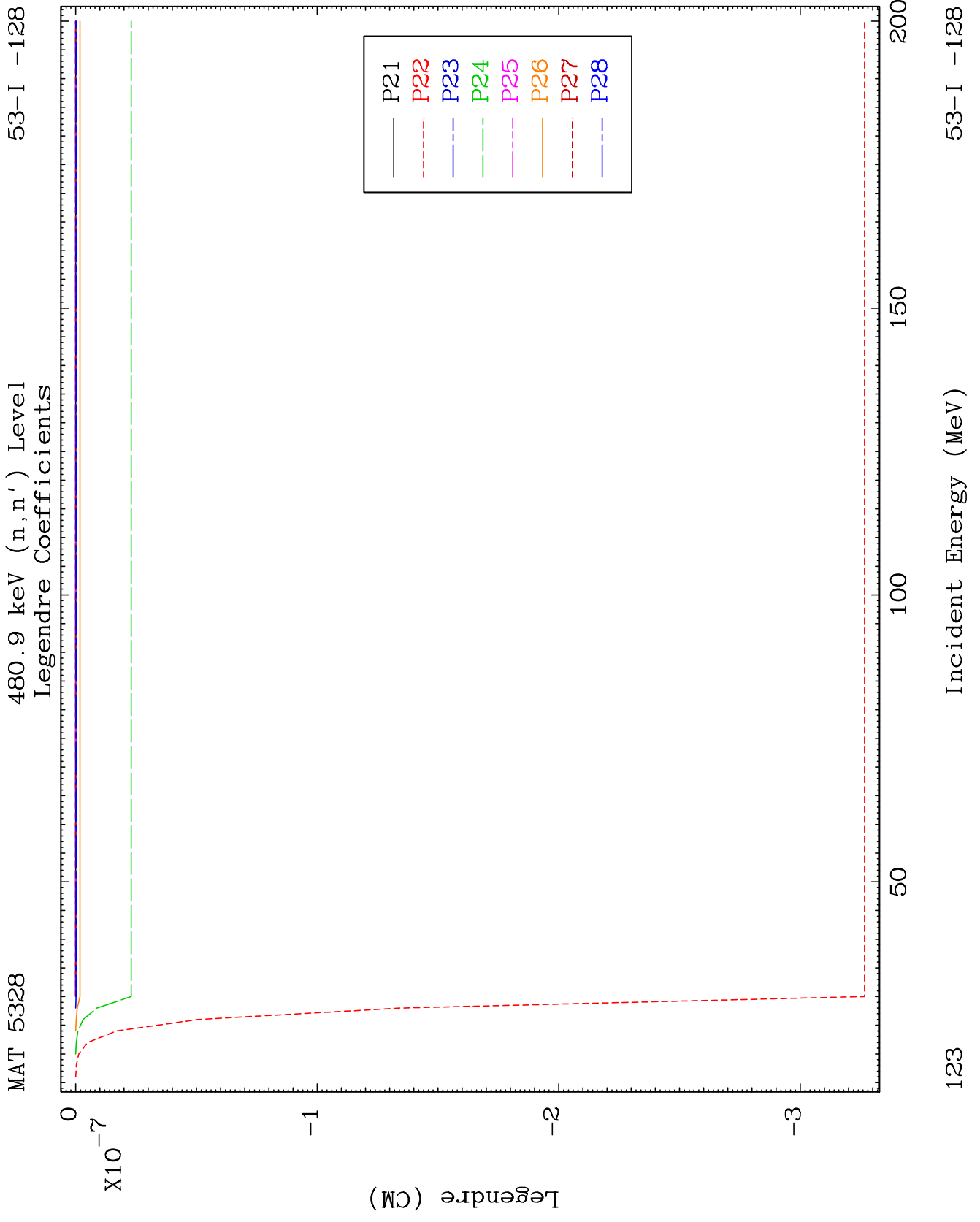
53-I -128



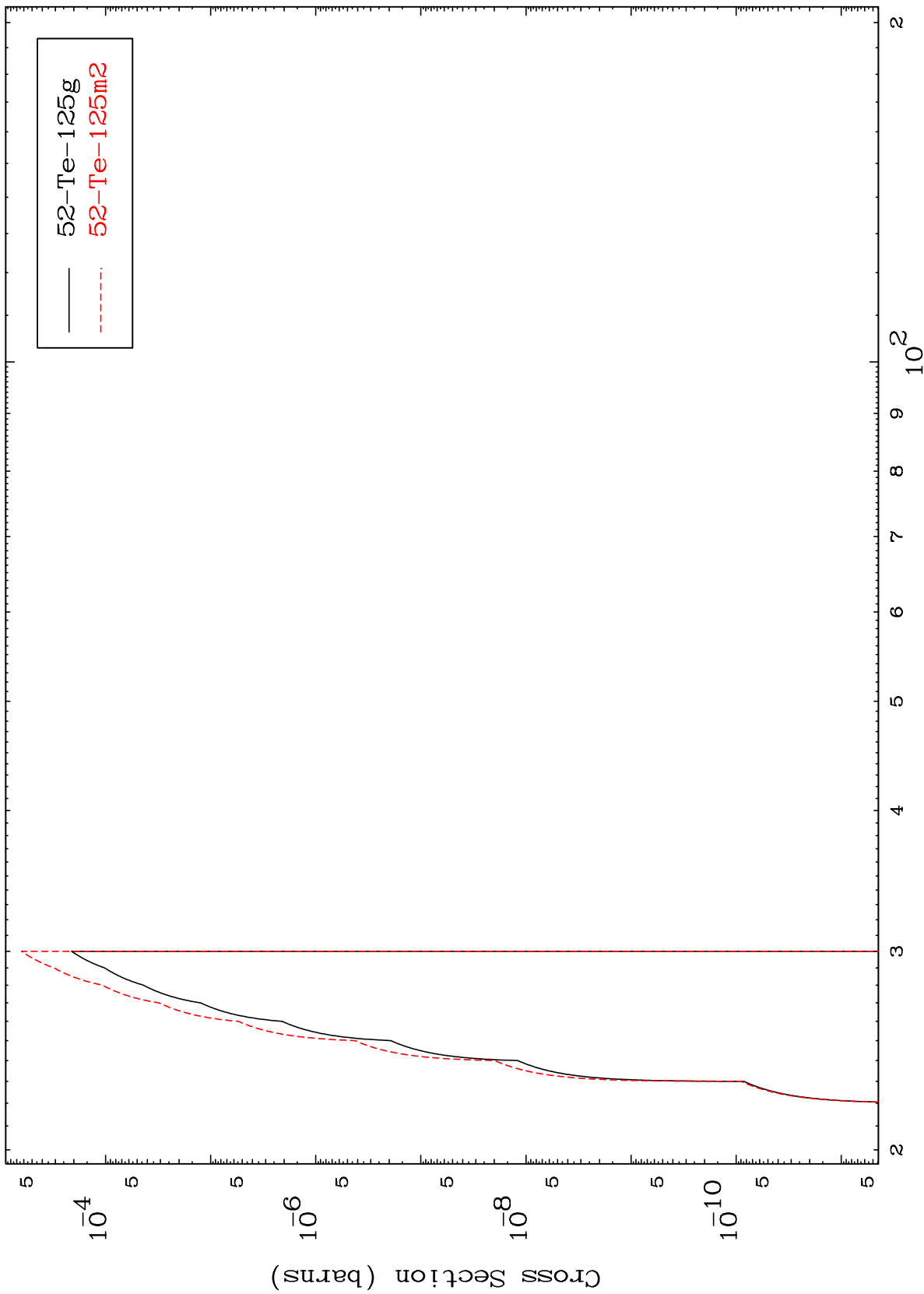
122

Incident Energy (MeV)

53-I -128



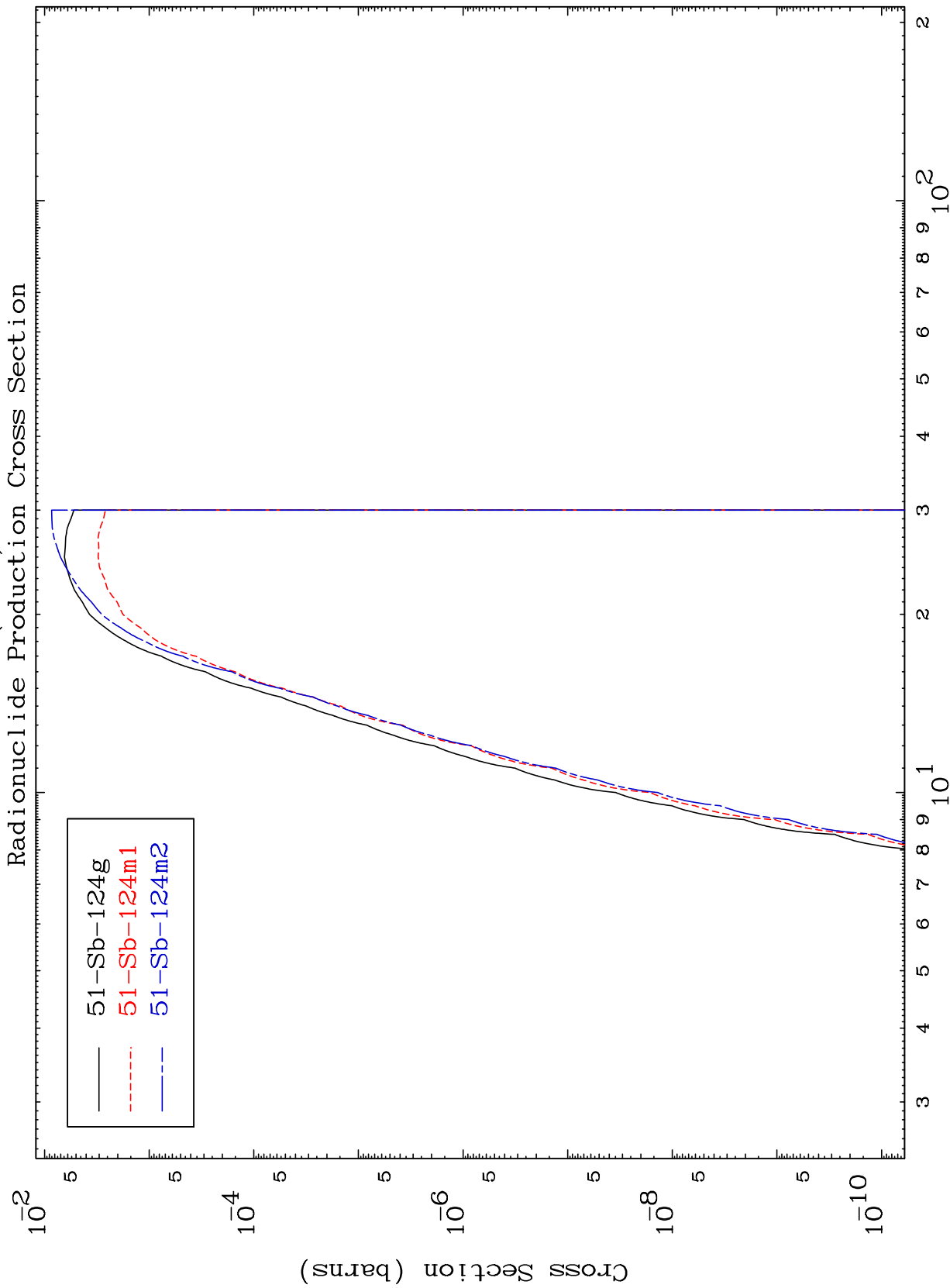
Radionuclide Production Cross Section



MAT 5328

(n,n')  $\alpha$

53-I -128

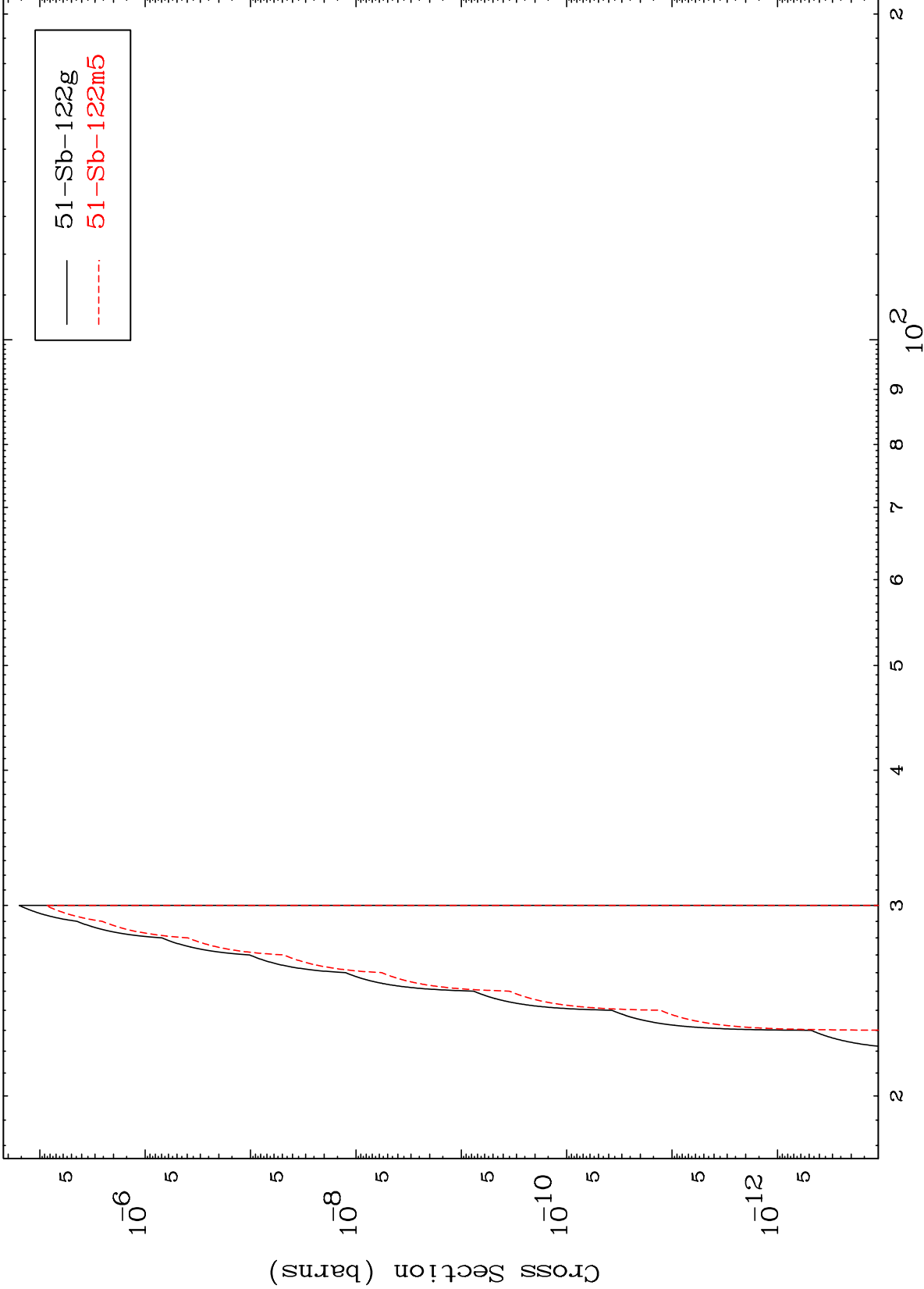


125

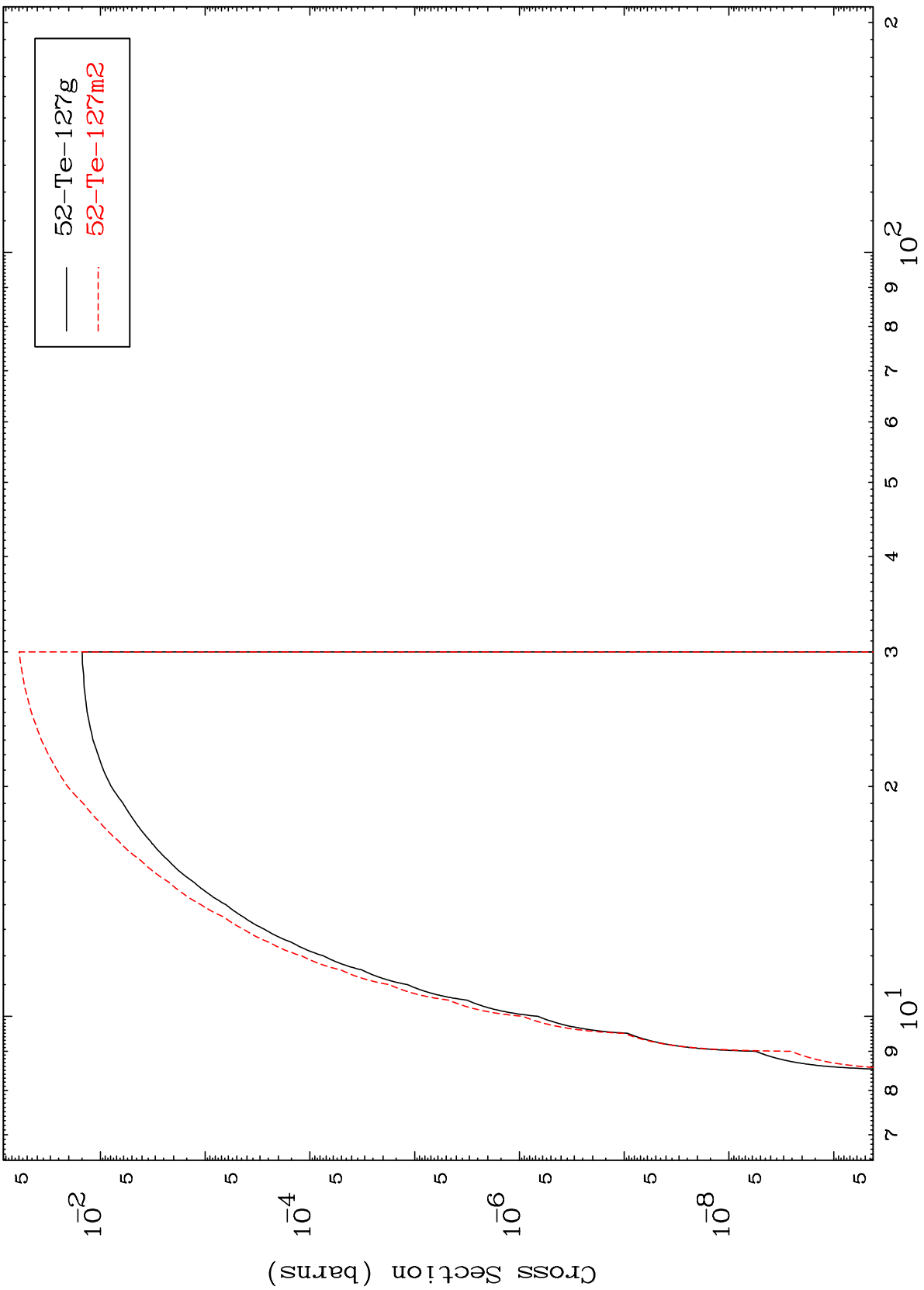
Incident Energy (MeV)

53-I -128

Radionuclide Production Cross Section

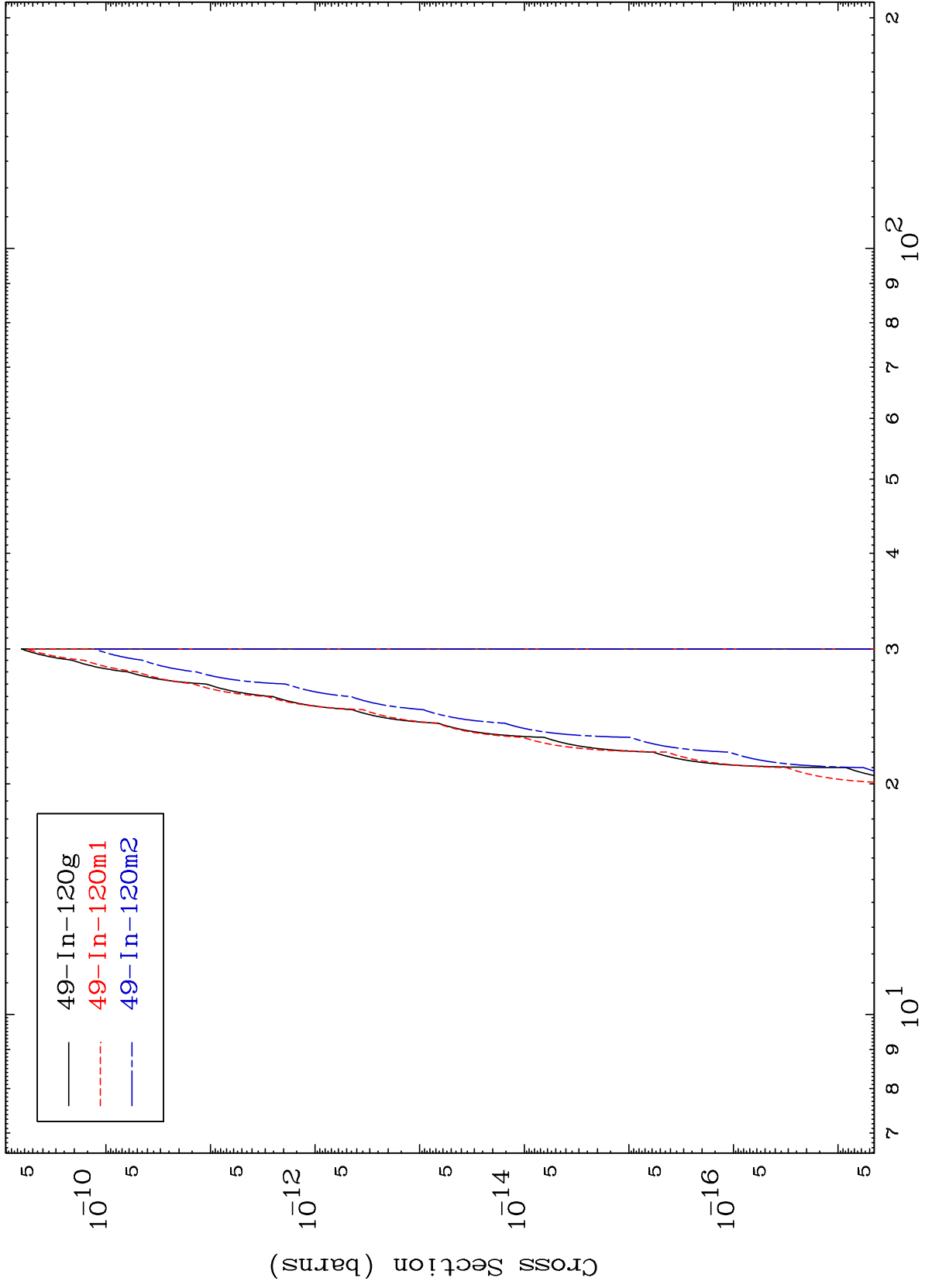


Radionuclide Production Cross Section



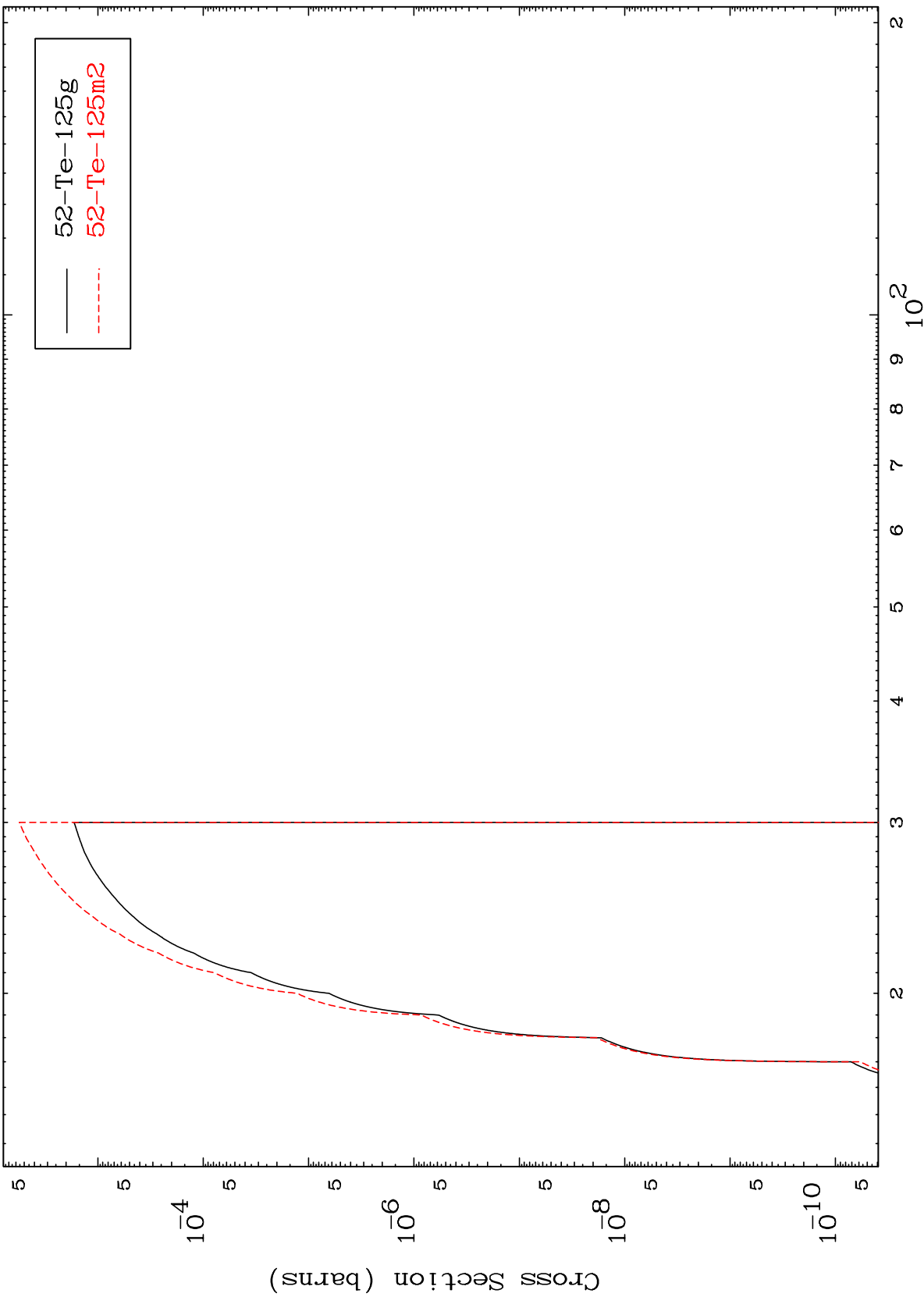


Radionuclide Production Cross Section

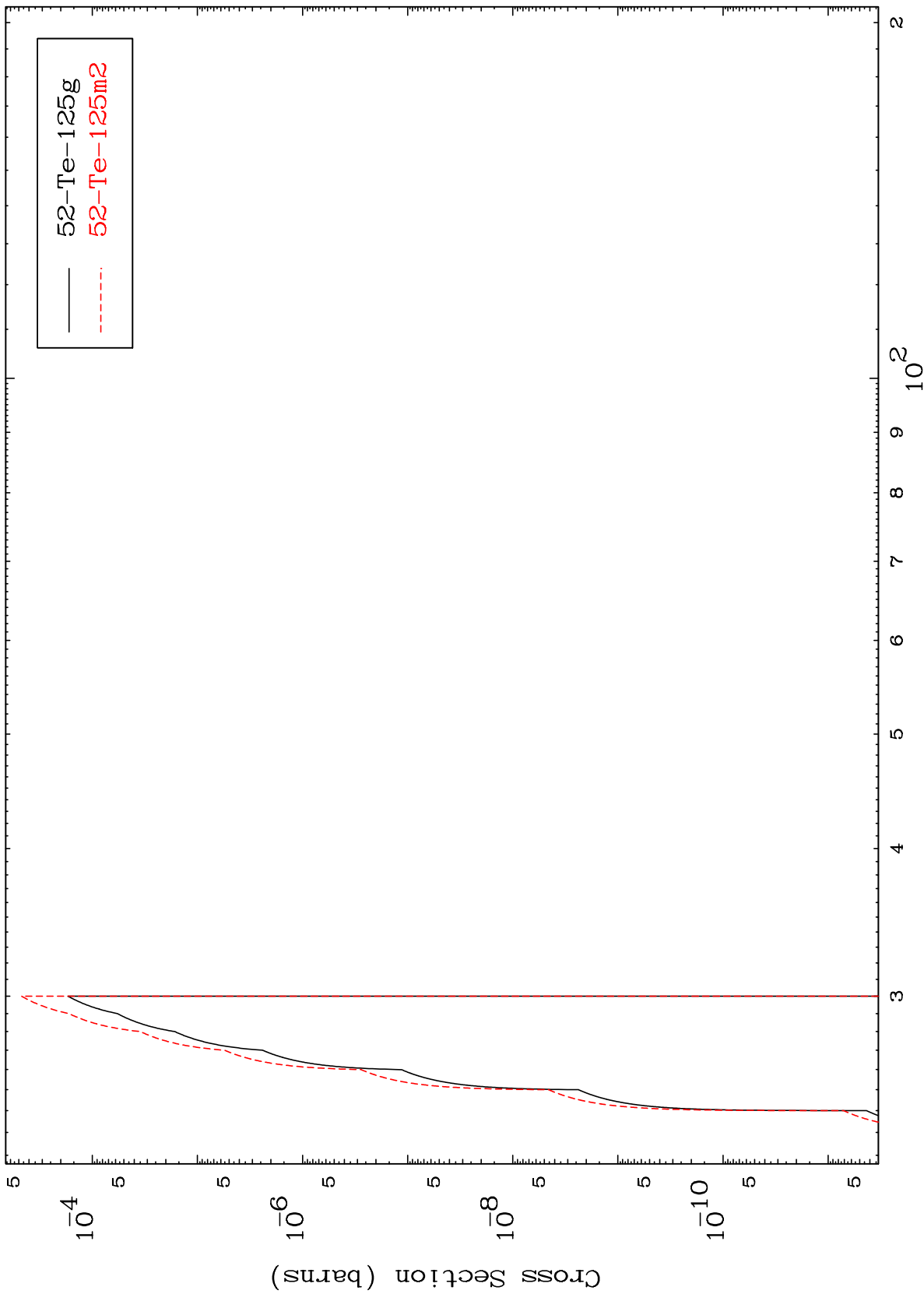


49-In-120g  
49-In-120m1  
49-In-120m2

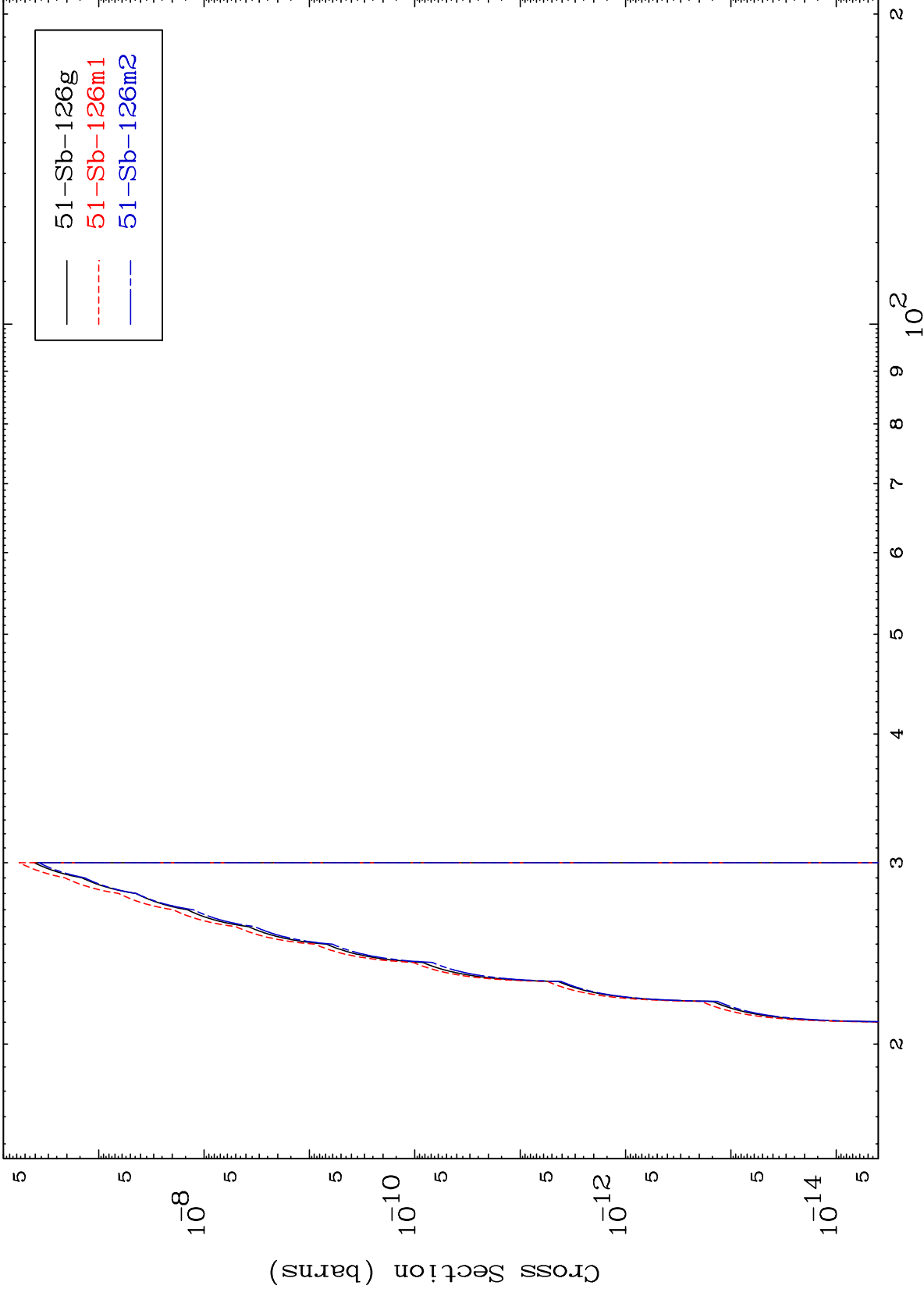
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

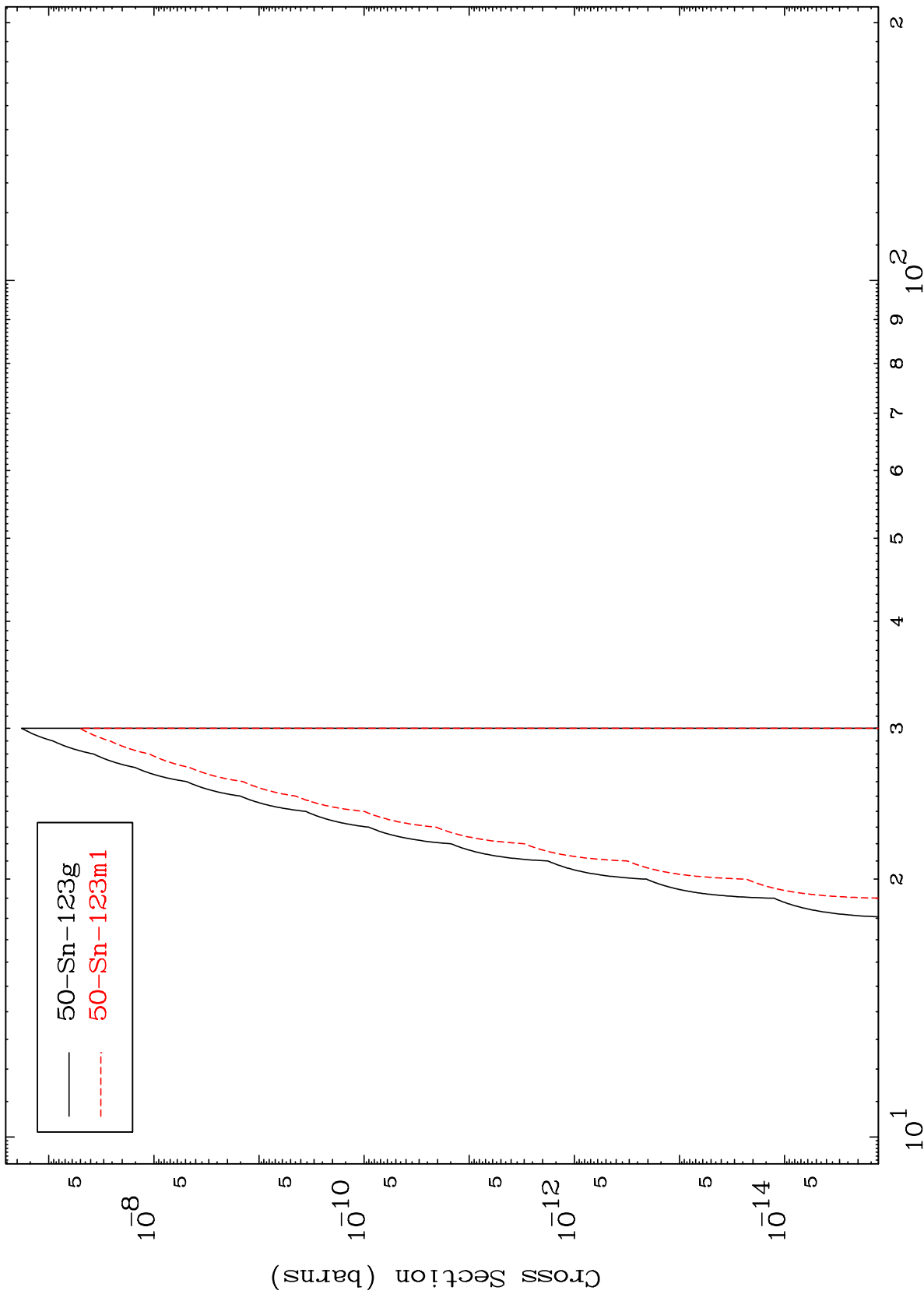


MAT 5328

(n,n') p  $\alpha$

53-I -128

Radionuclide Production Cross Section



Incident Energy (MeV)

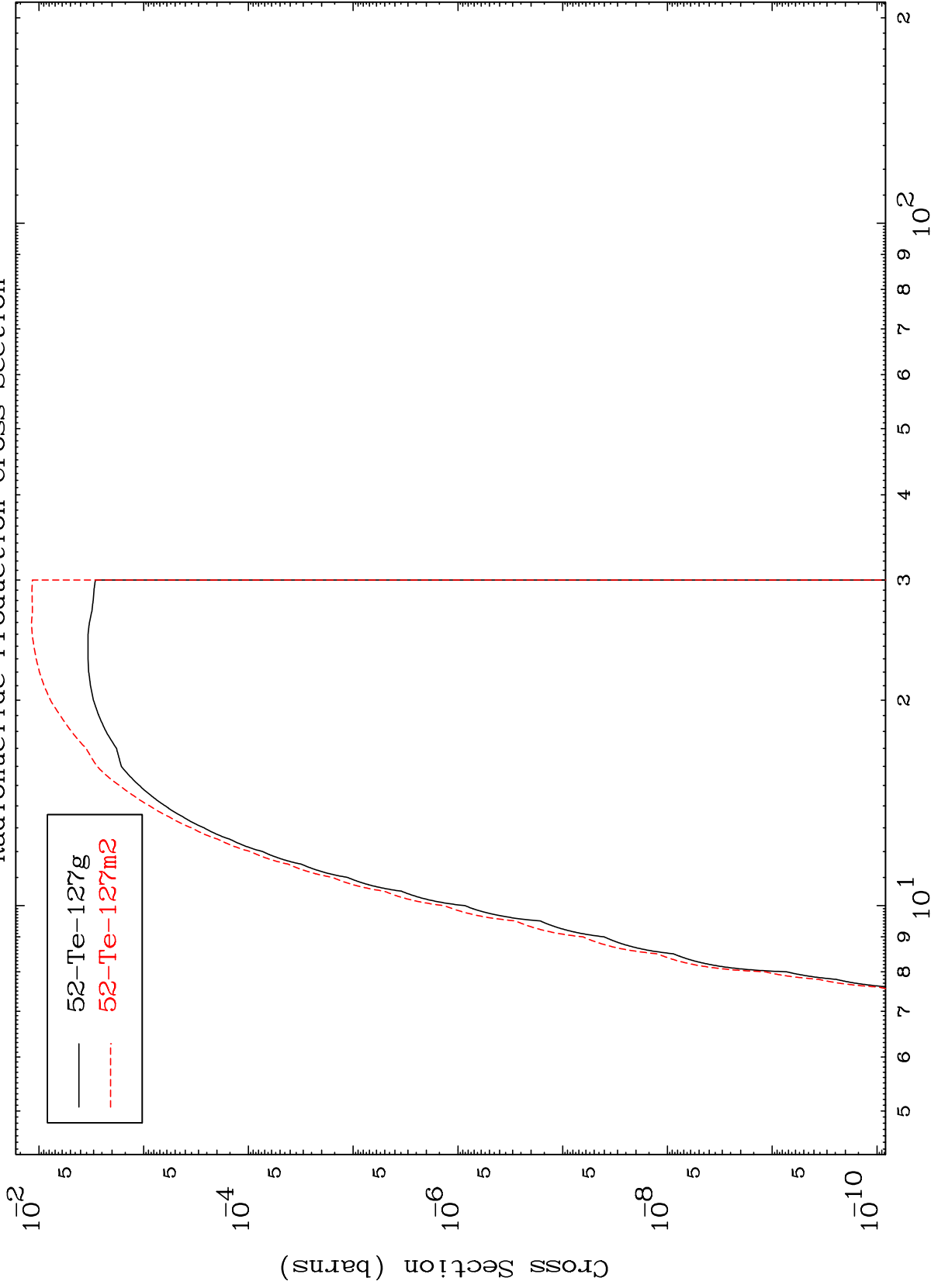
53-I -128

132

MAT 5328

53-I -128

Radionuclide Production Cross Section (n,d)

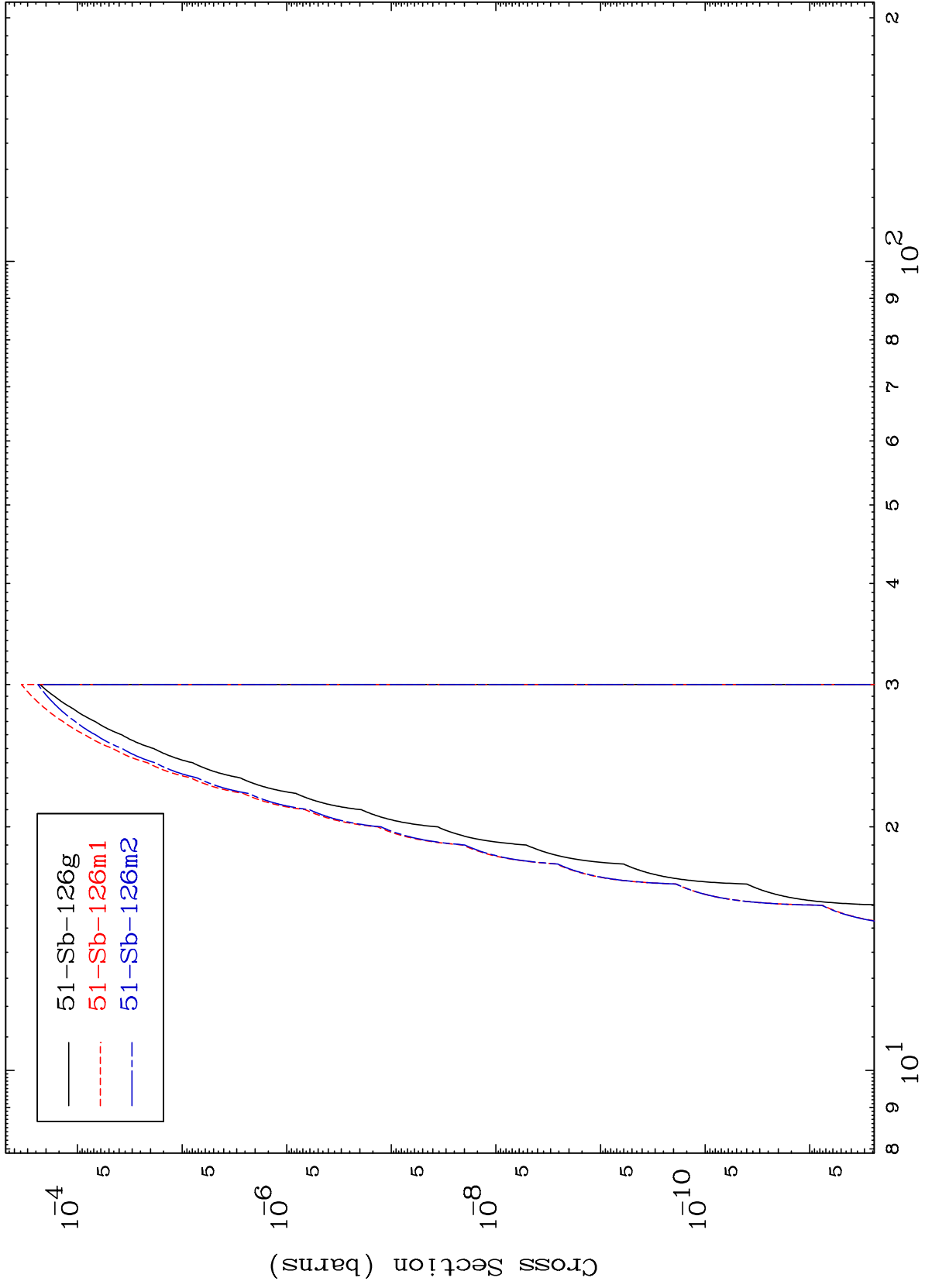


133

Incident Energy (MeV)

53-I -128

Radionuclide Production Cross Section

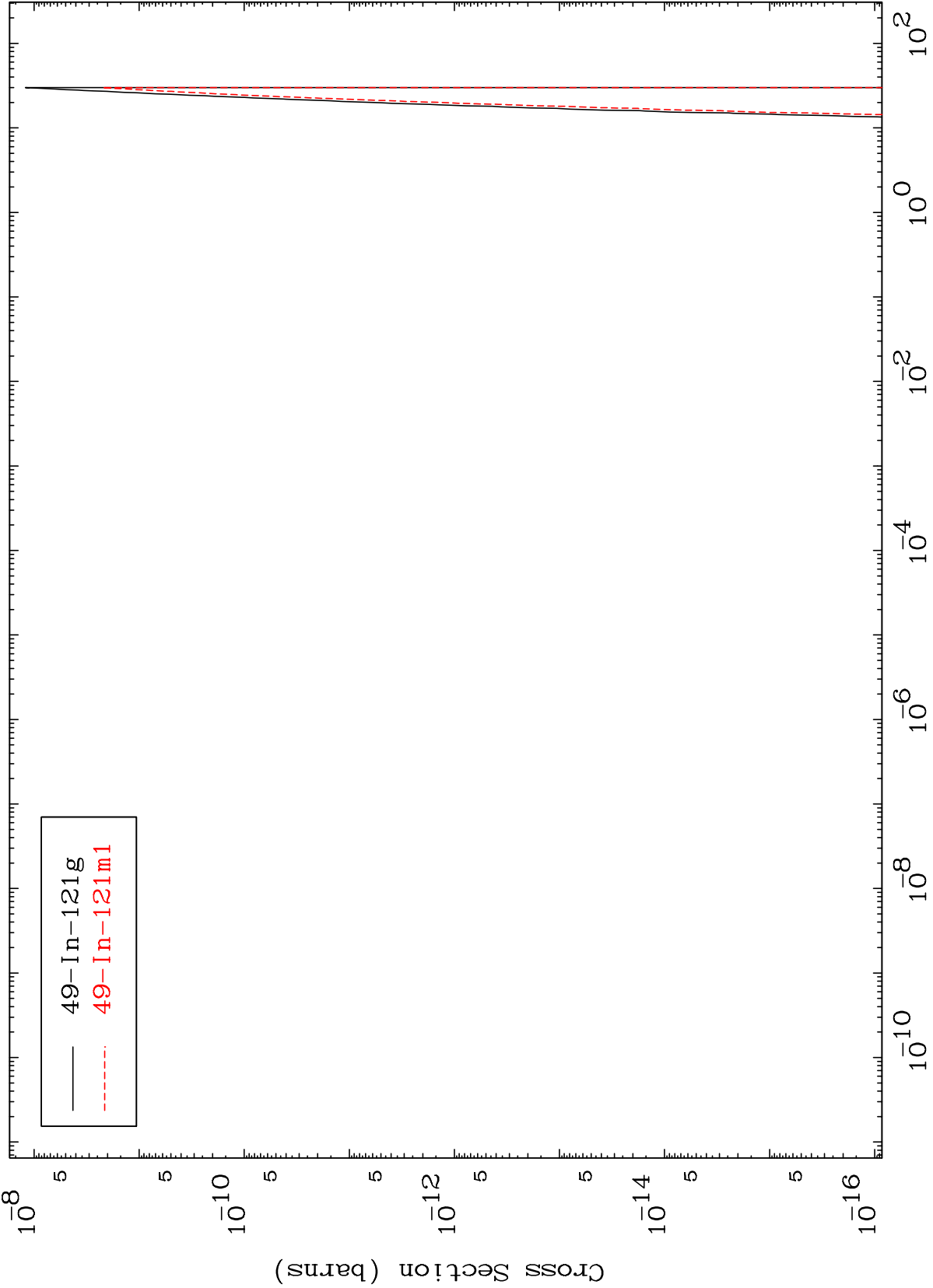


MAT 5328

(n,2α)

53-I -128

Radionuclide Production Cross Section

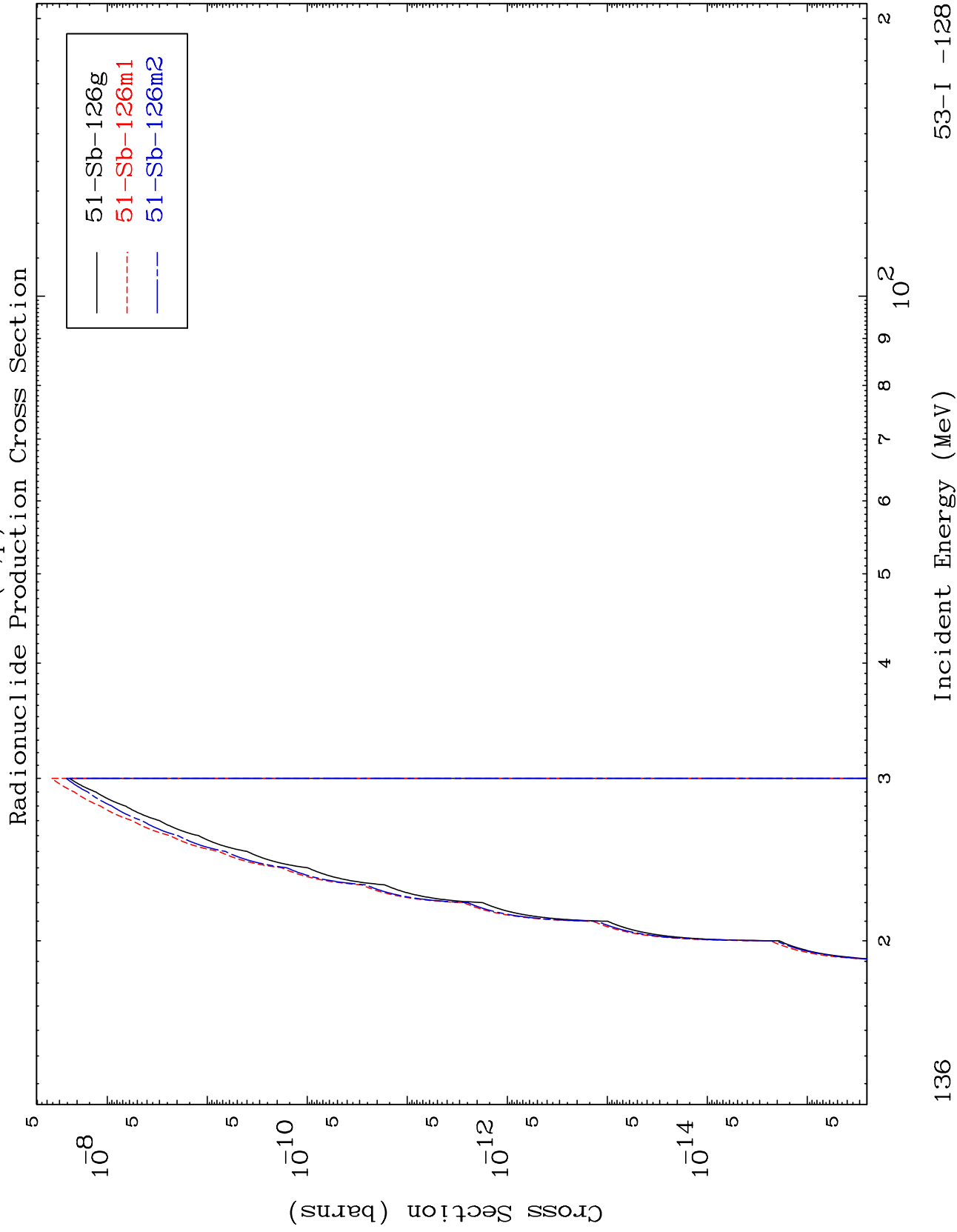


135

Incident Energy (MeV)

53-I -128



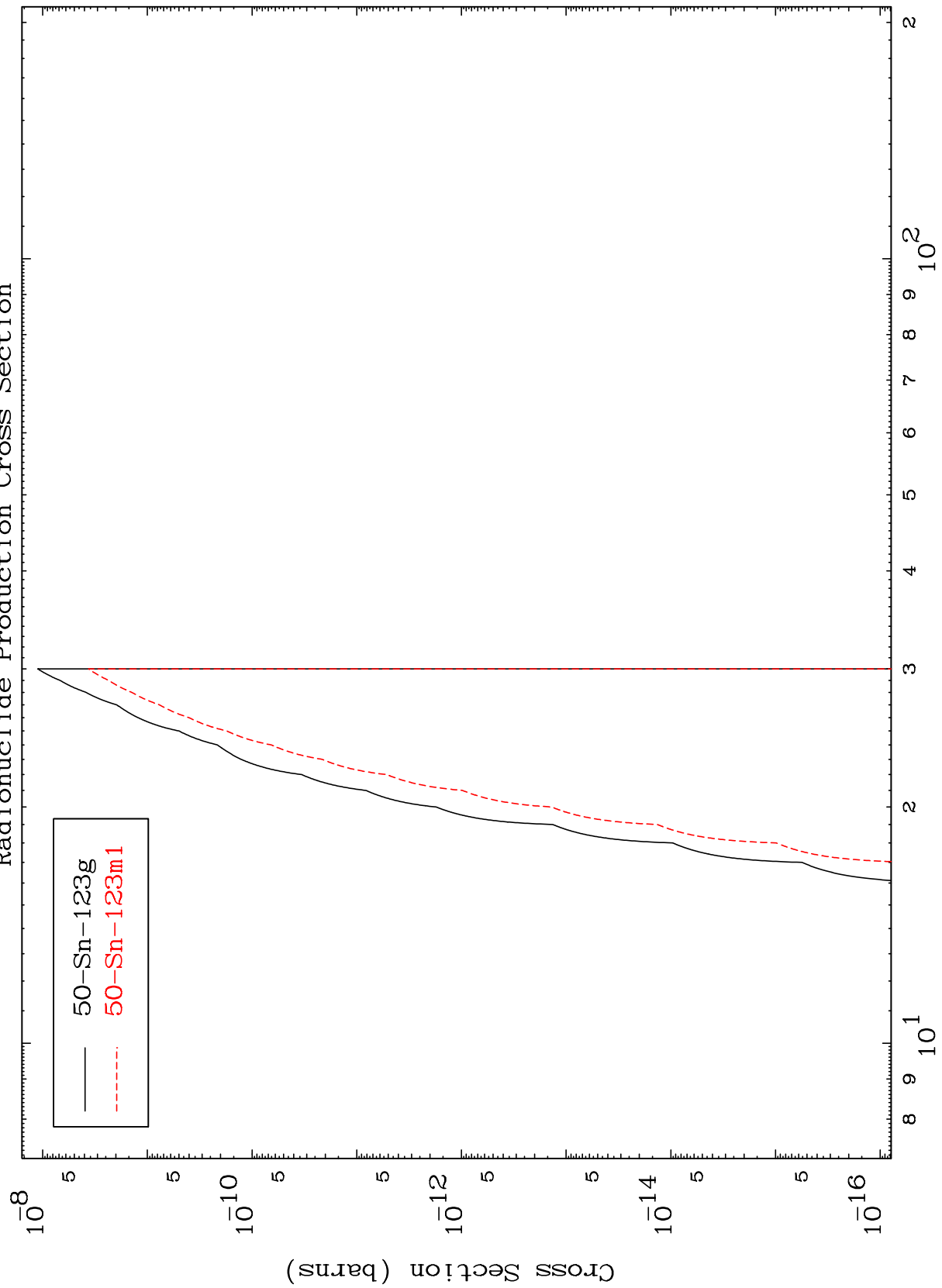


MAT 5328

(n,d)  $\alpha$

53-I -128

Radionuclide Production Cross Section



50-Sn-123g  
50-Sn-123m1

137

Incident Energy (MeV)

53-I -128