

Program EVALPLOT  
(Version 2015-2)

by

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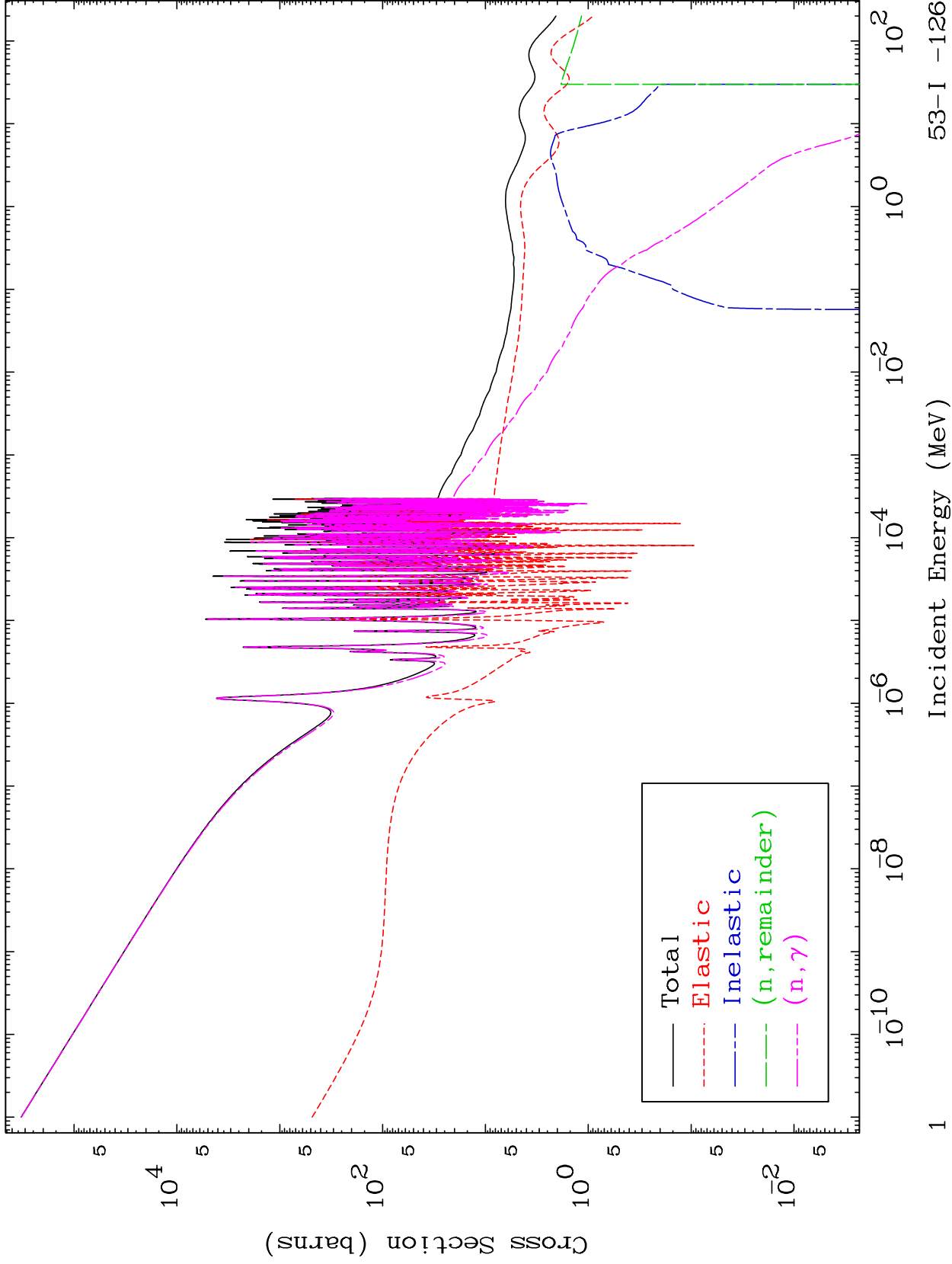
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

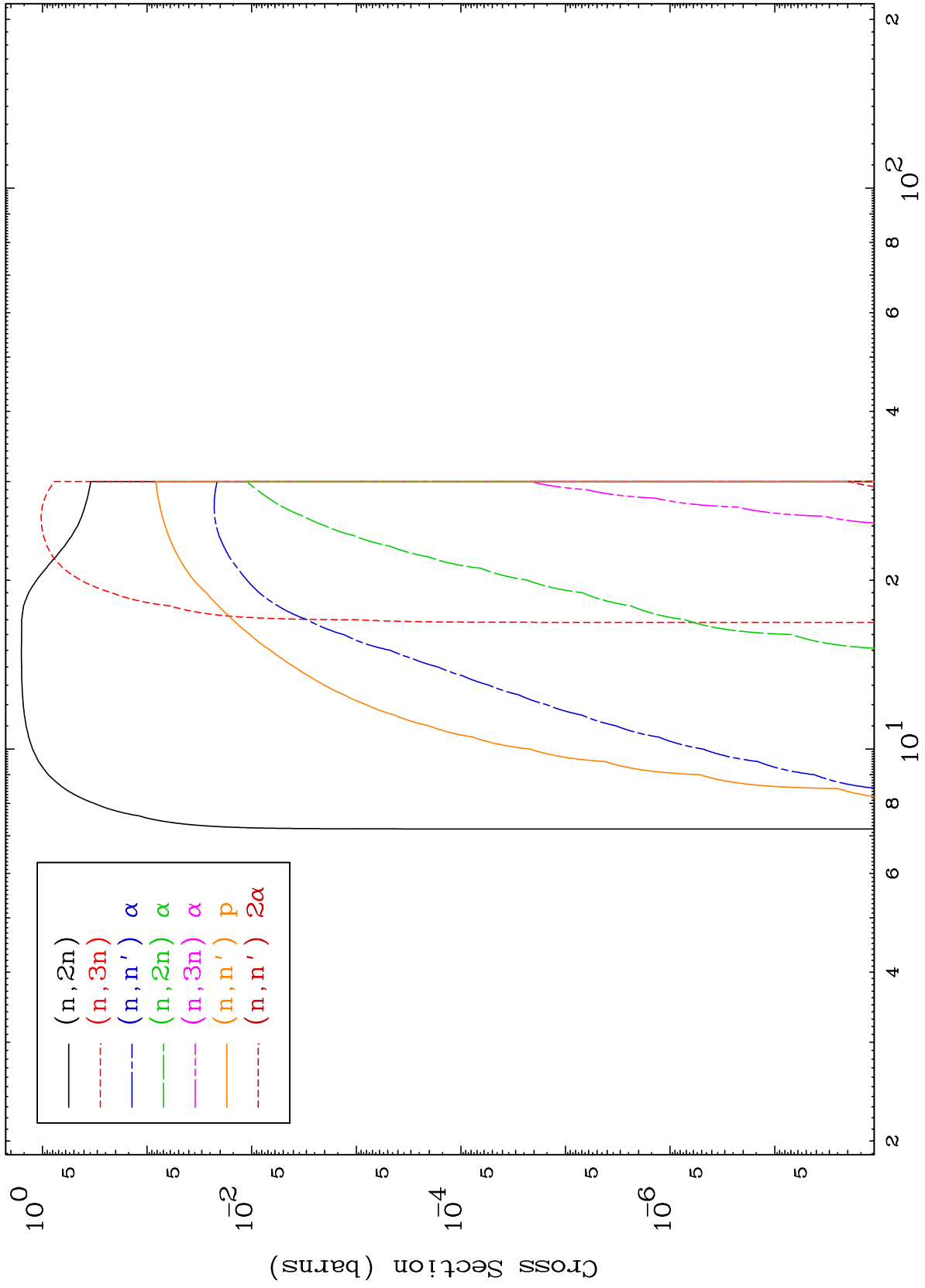
Press Mouse Button to Start

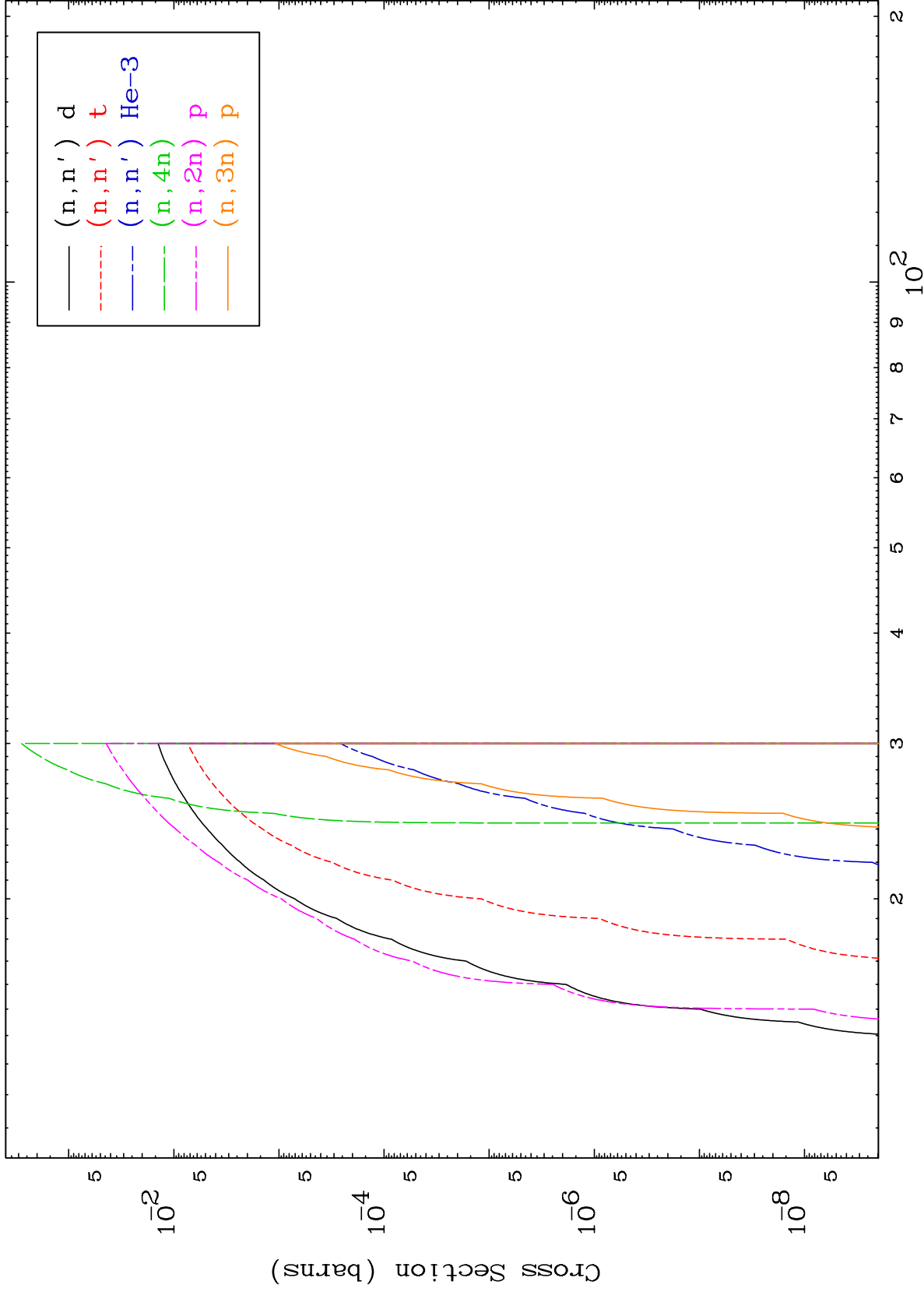
MAT 5322

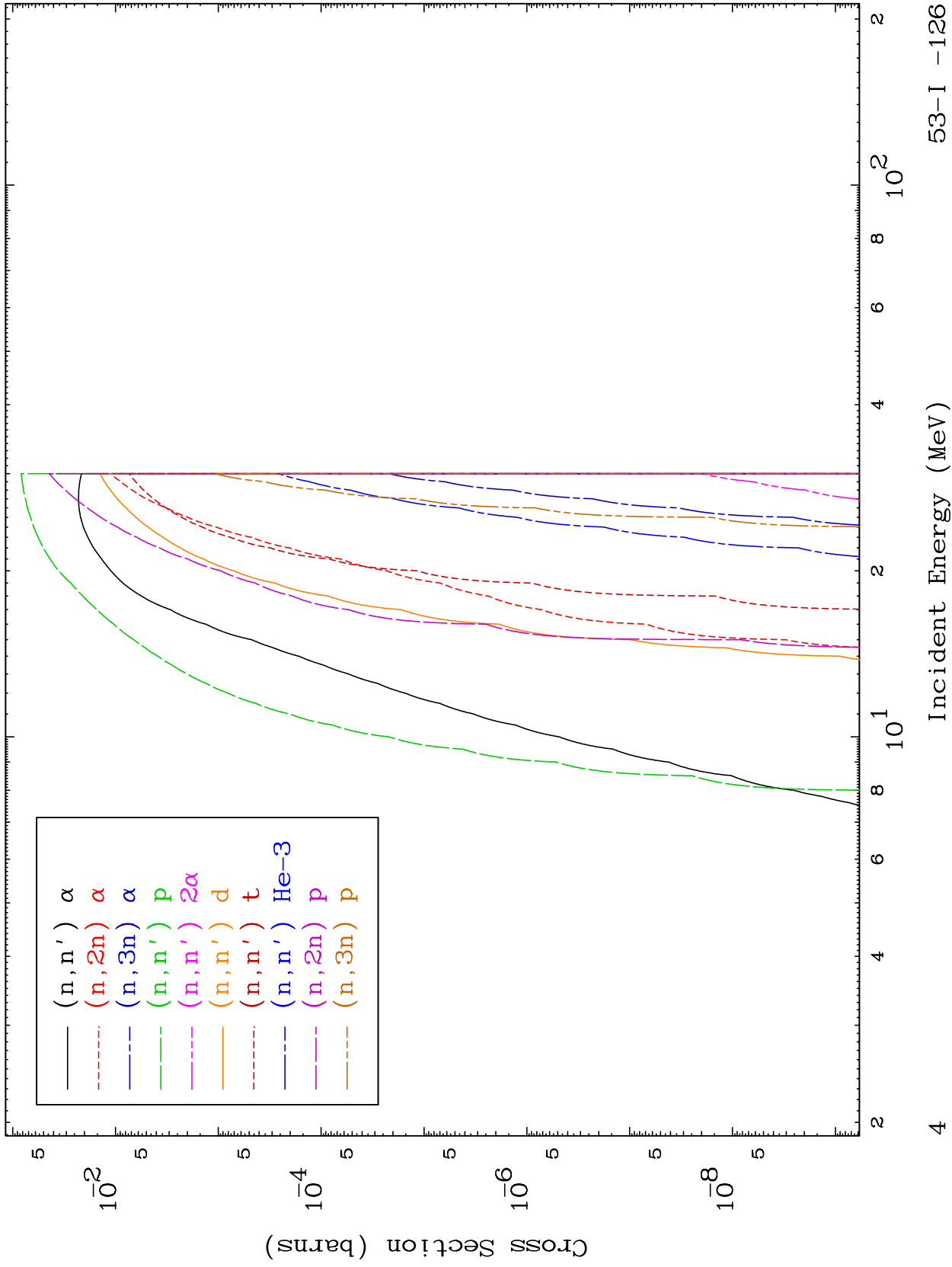
Major  
293 Kelvin Cross Sections

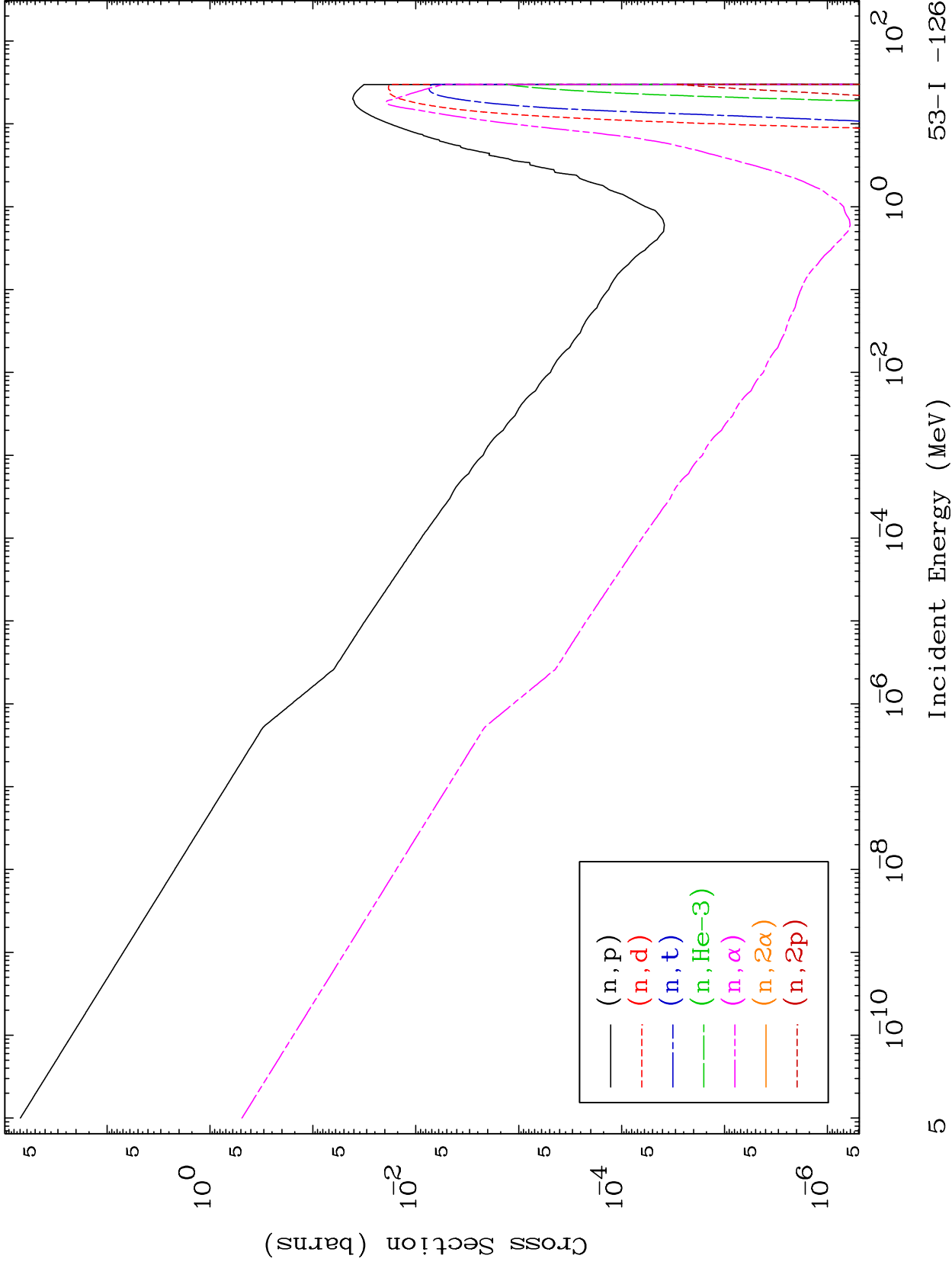
53-I -126

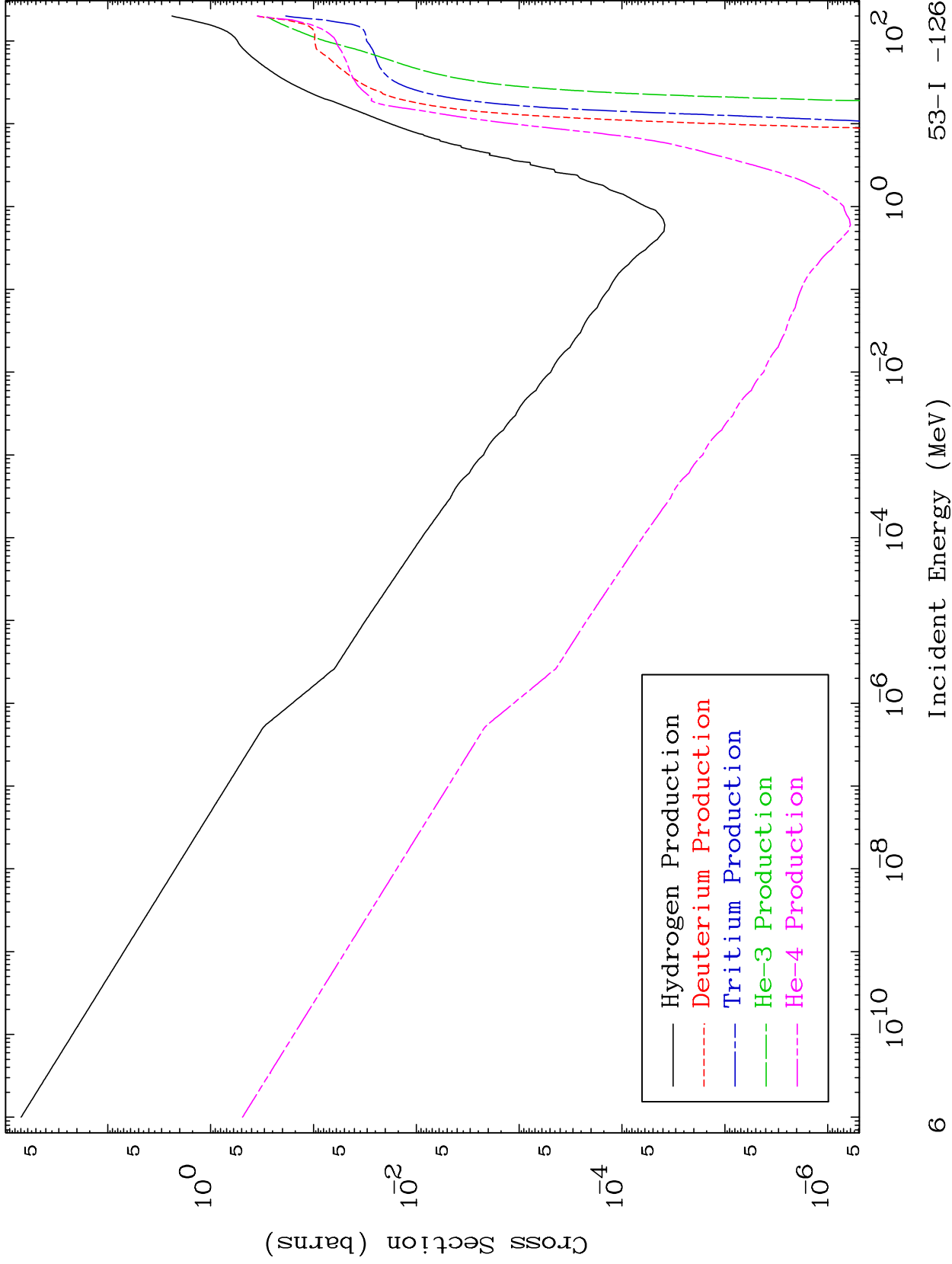


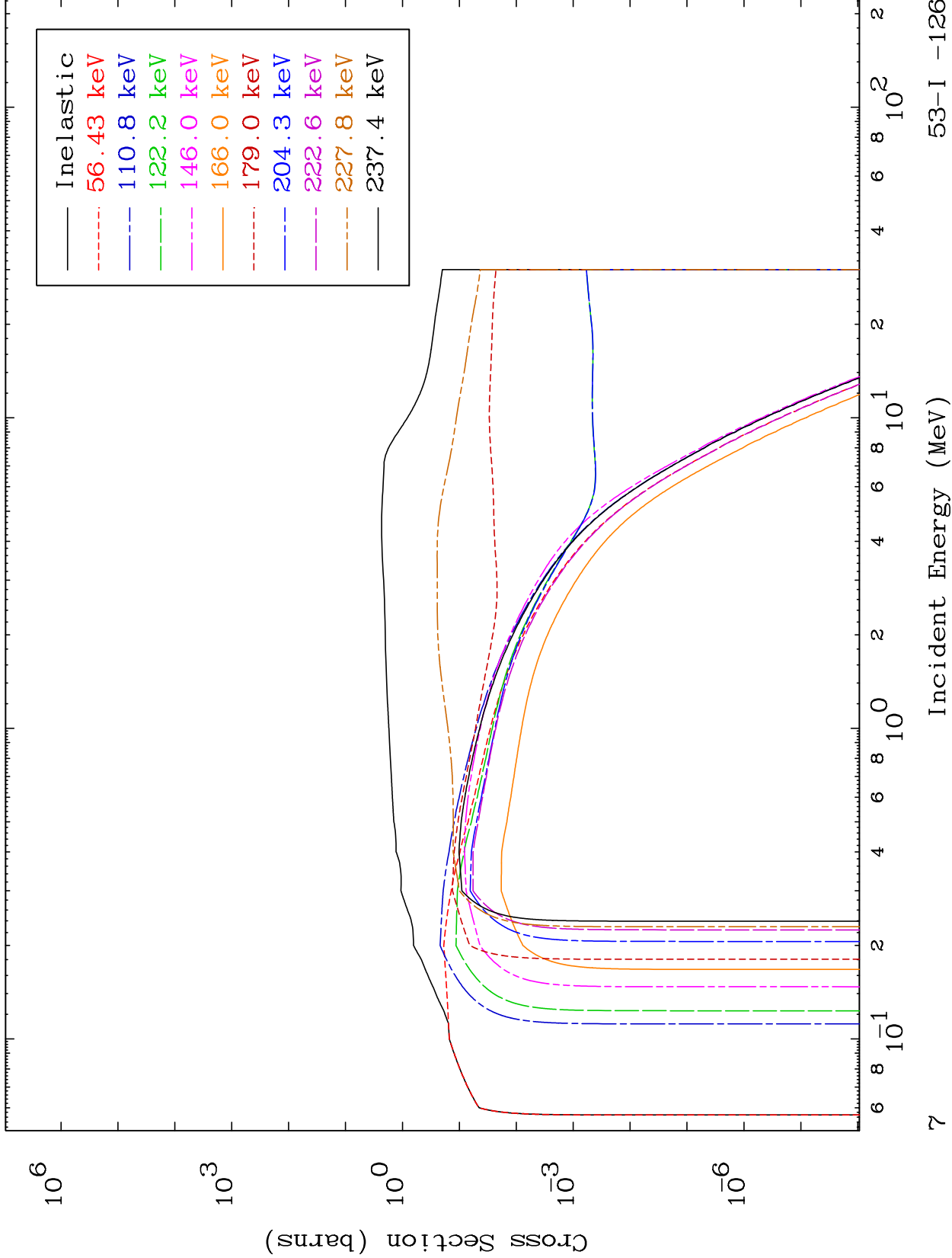




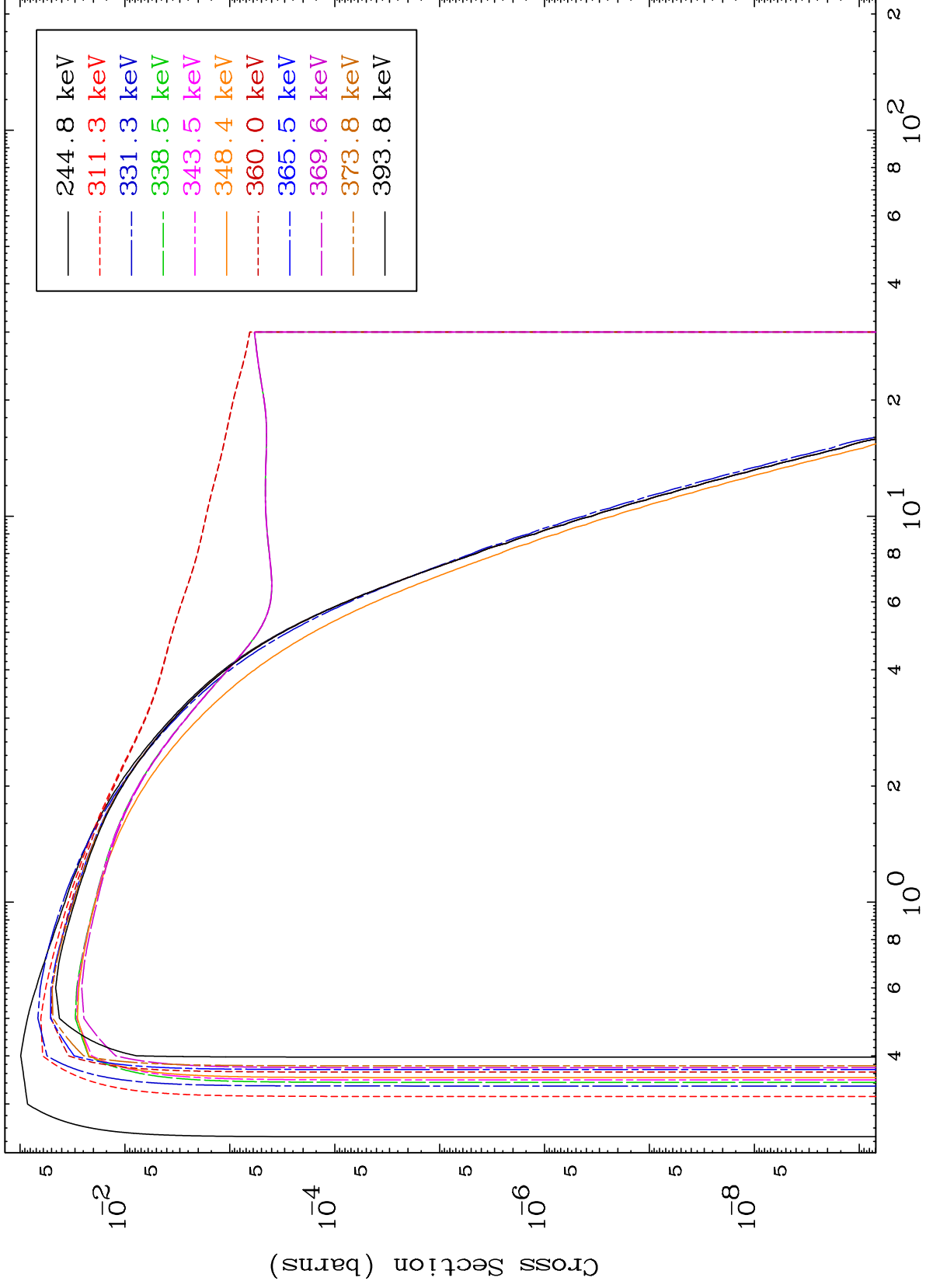


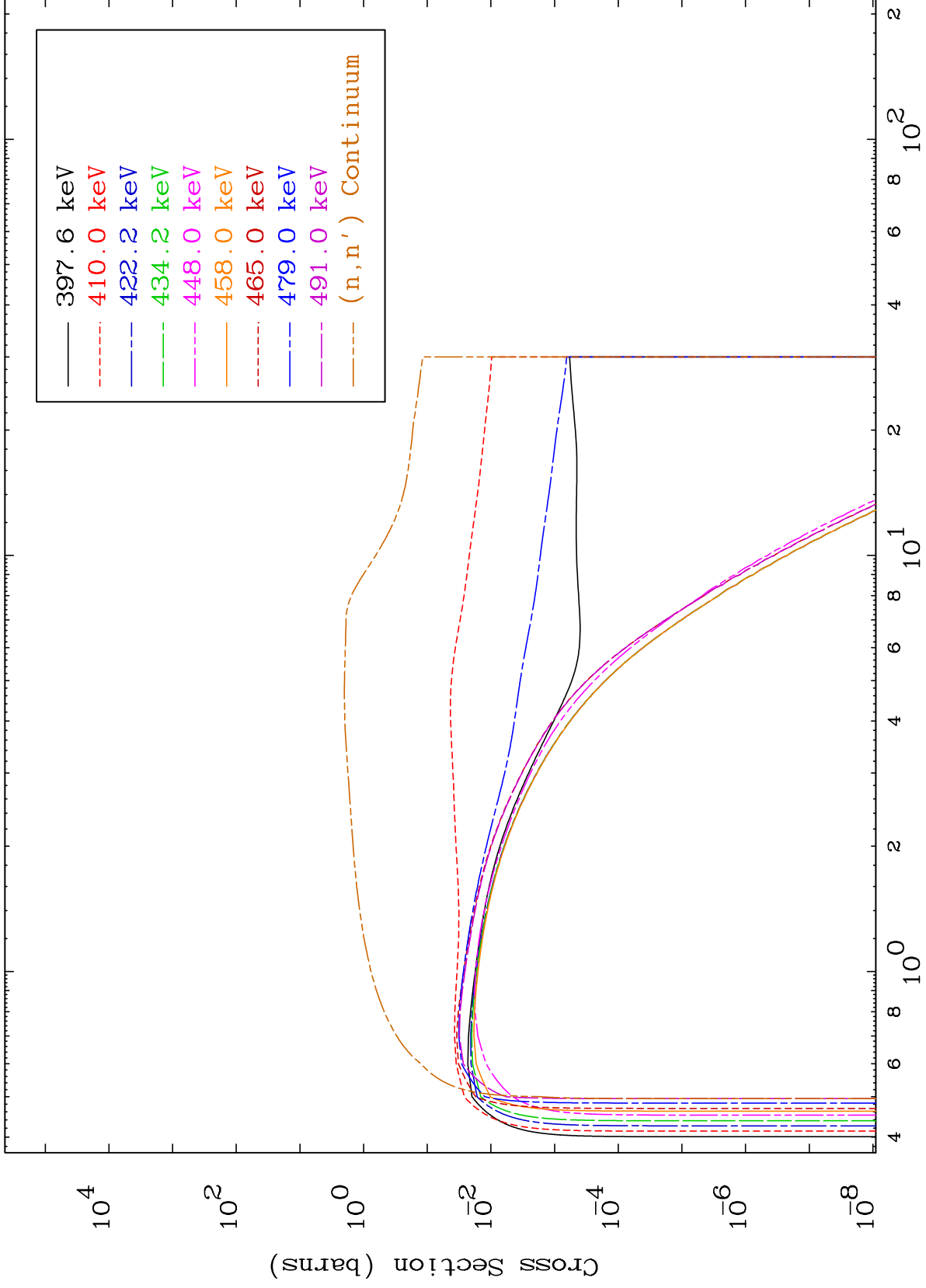








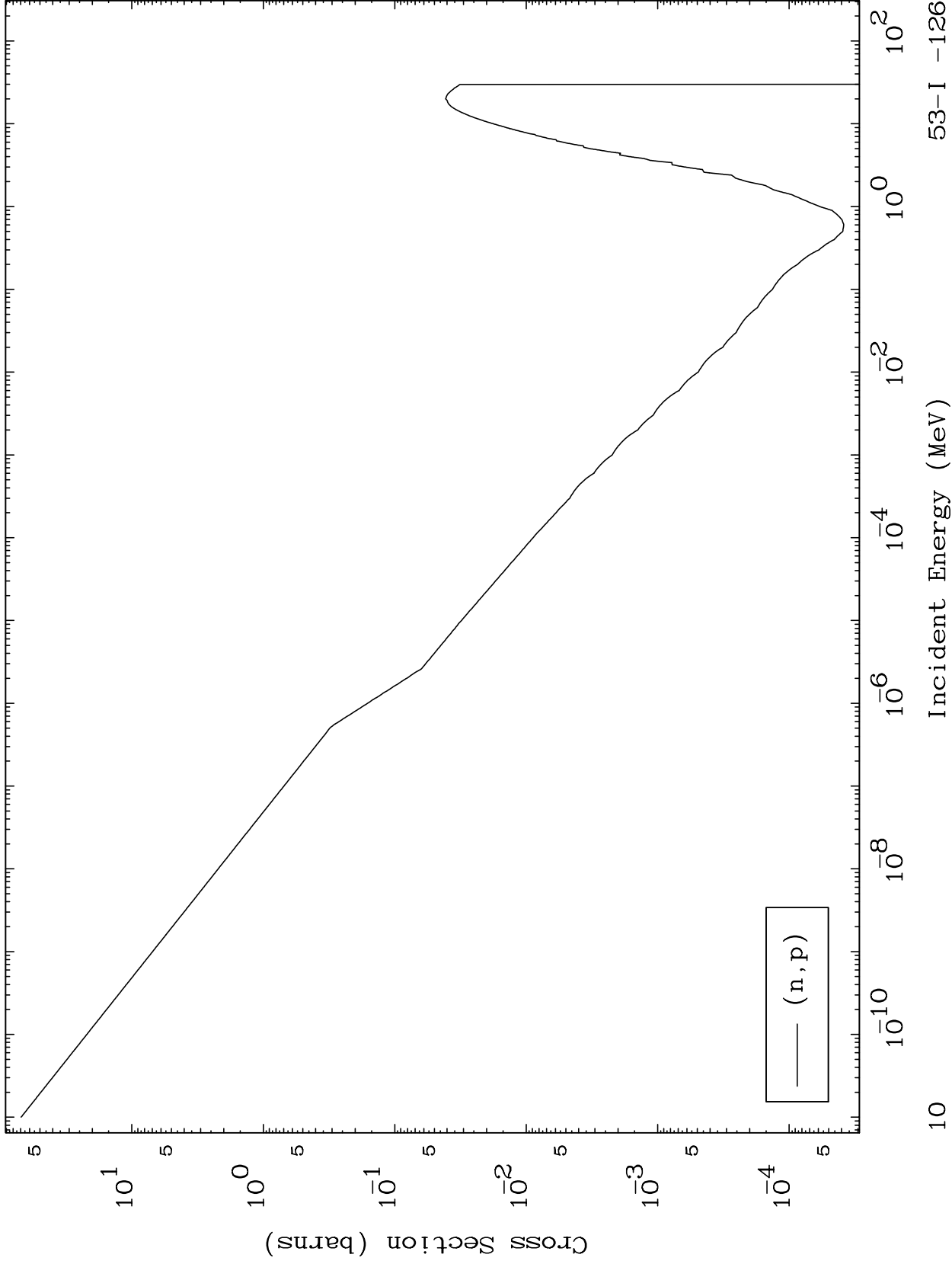


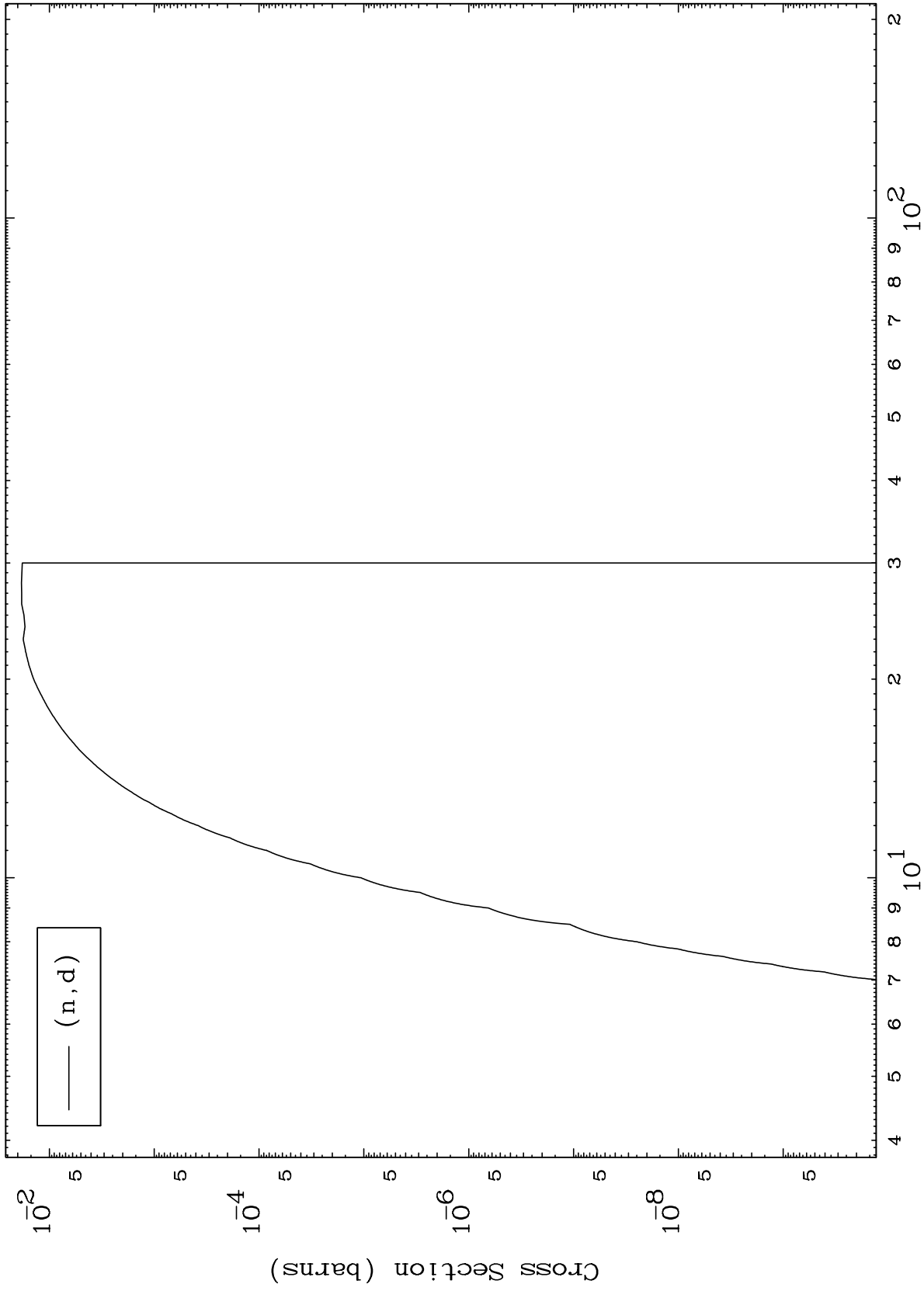


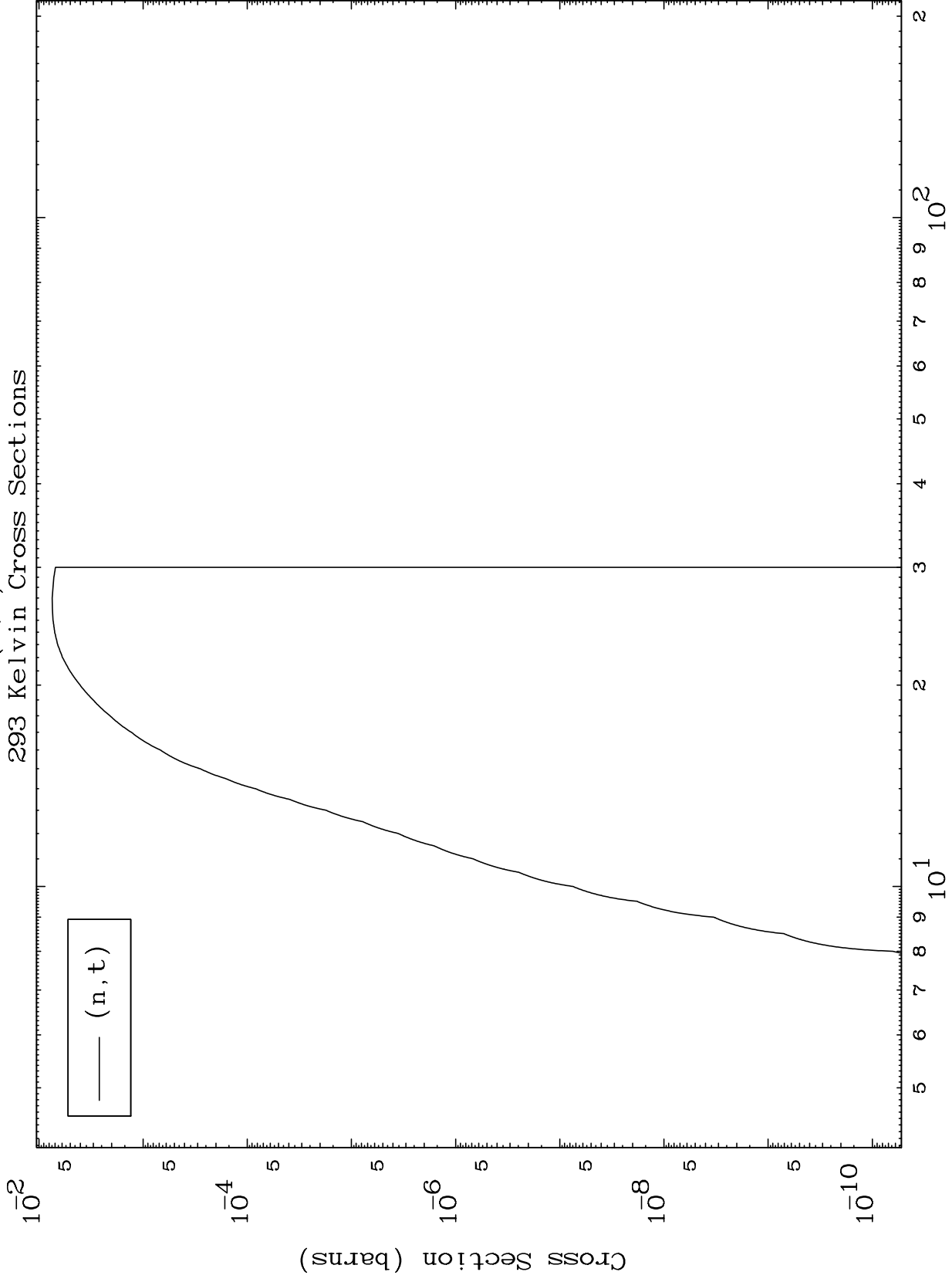
MAT 5322

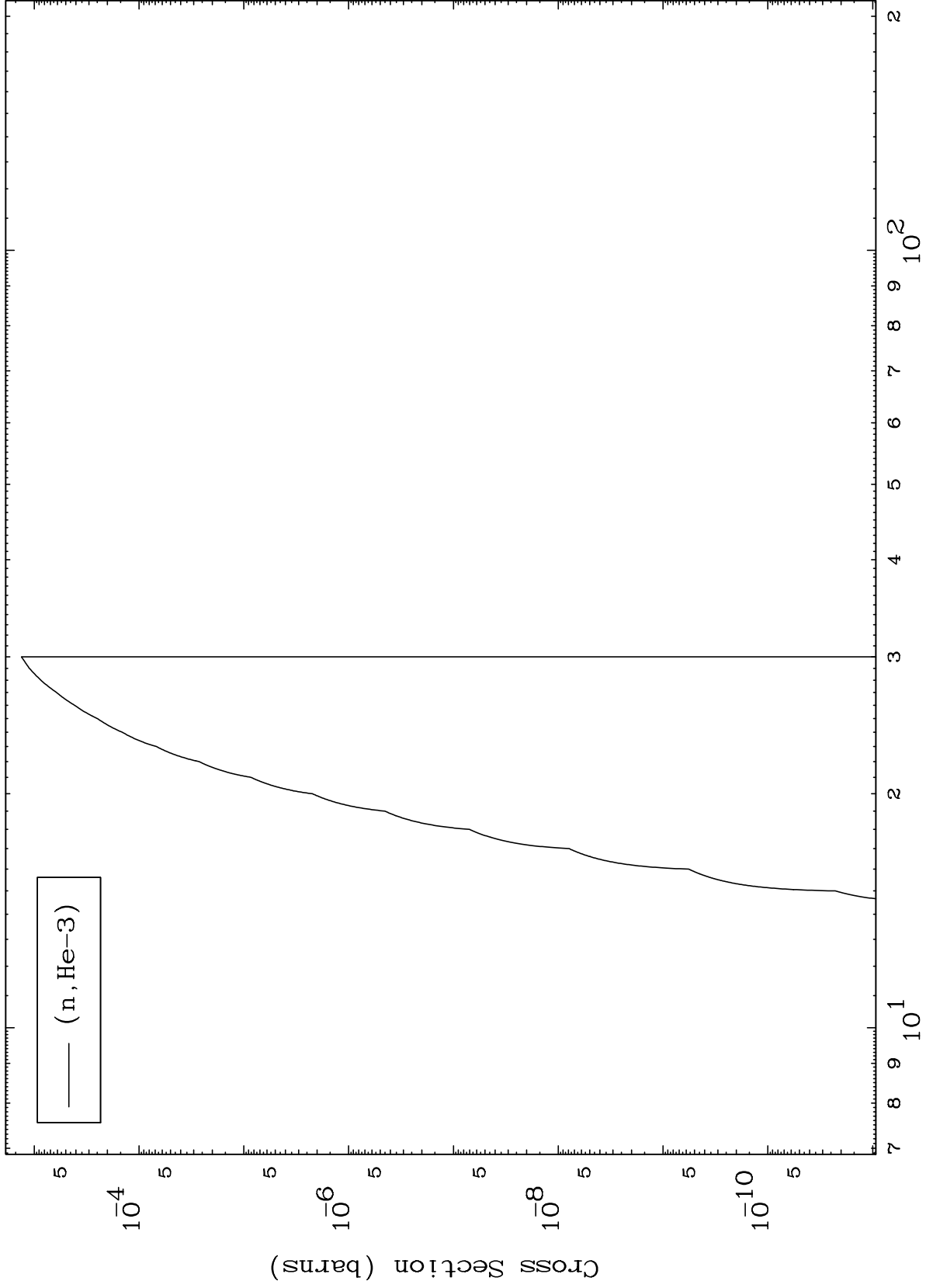
(n,p) Levels  
293 Kelvin Cross Sections

53-I -126





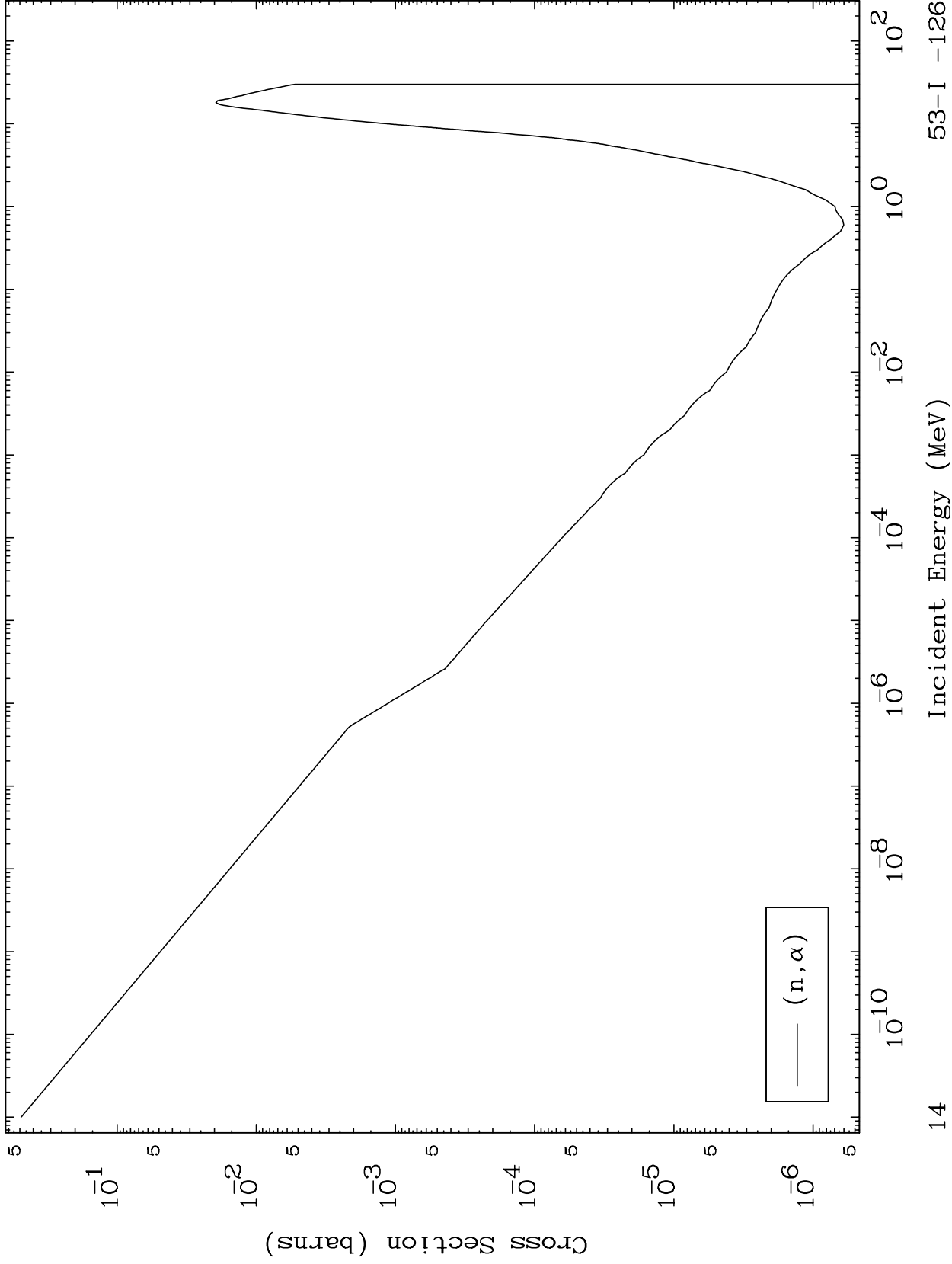


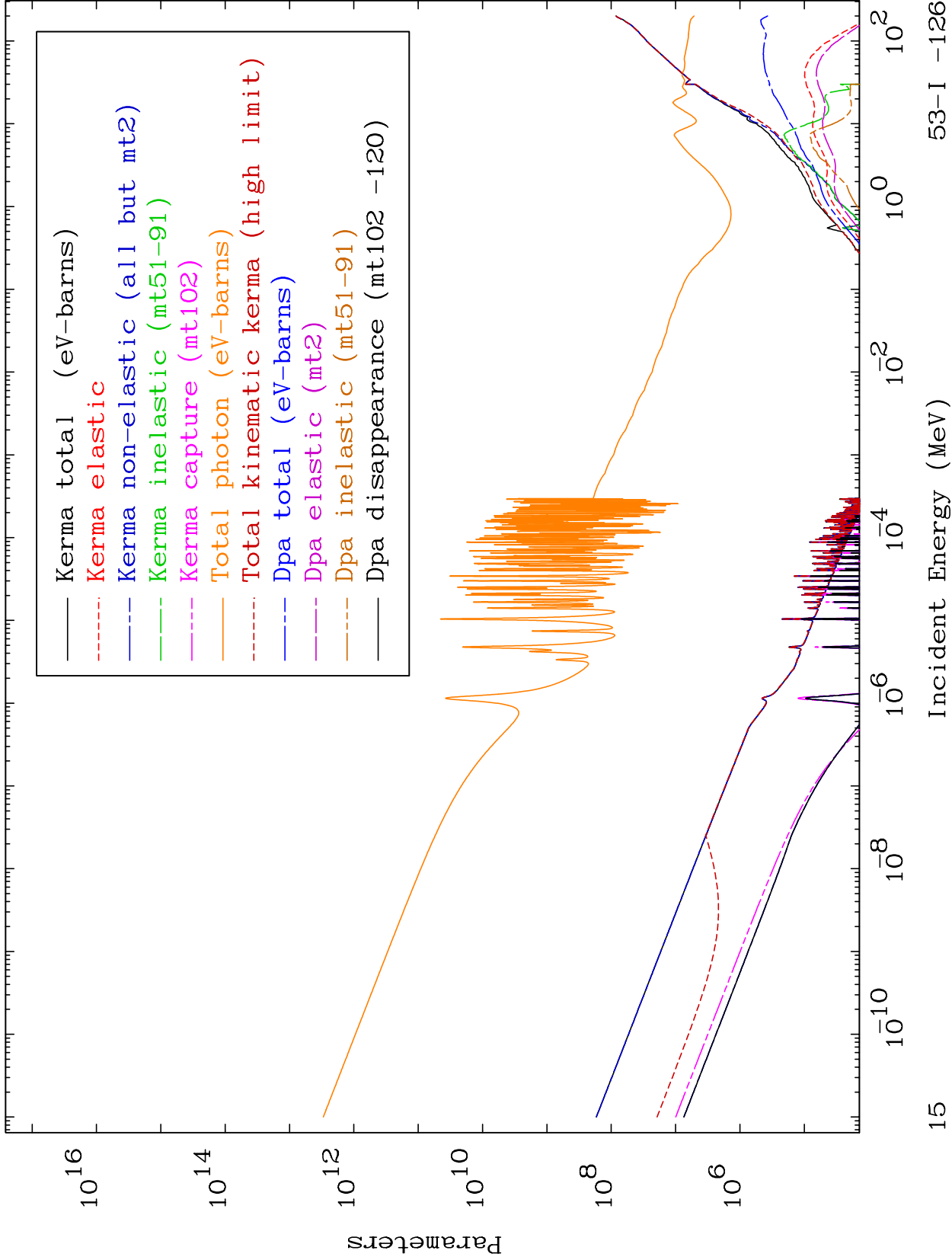


MAT 5322

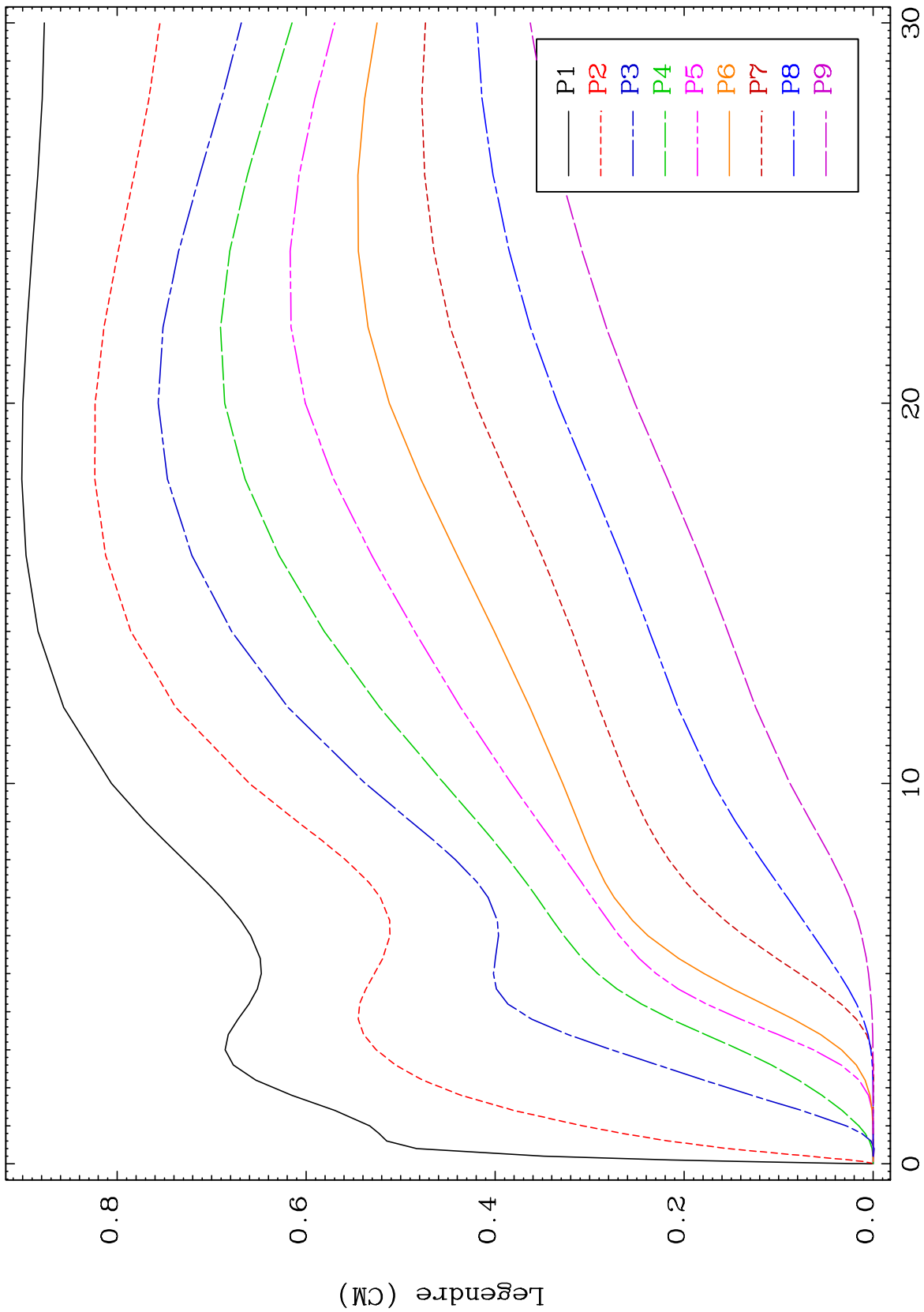
(n,α) Levels  
293 Kelvin Cross Sections

53-I -126

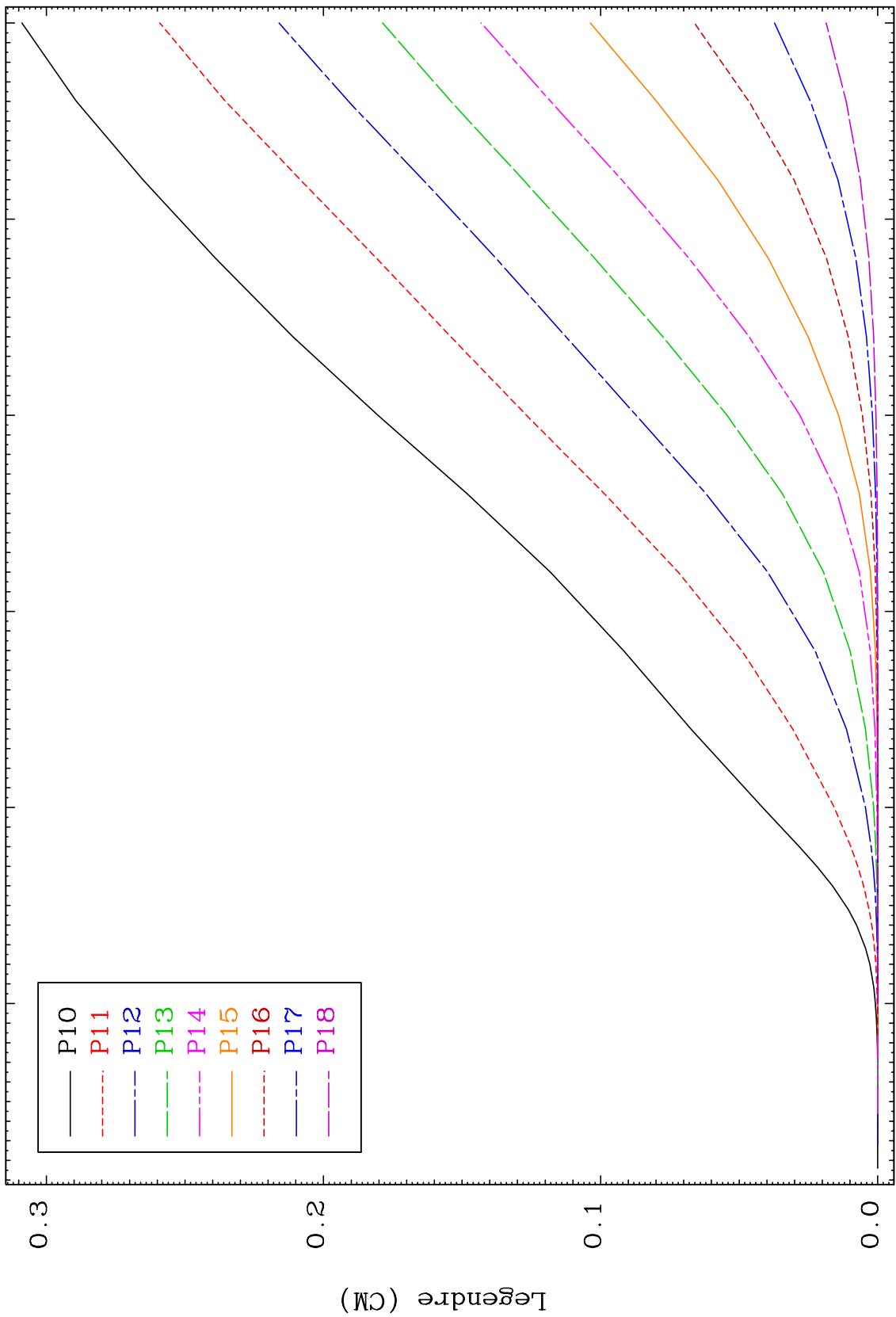








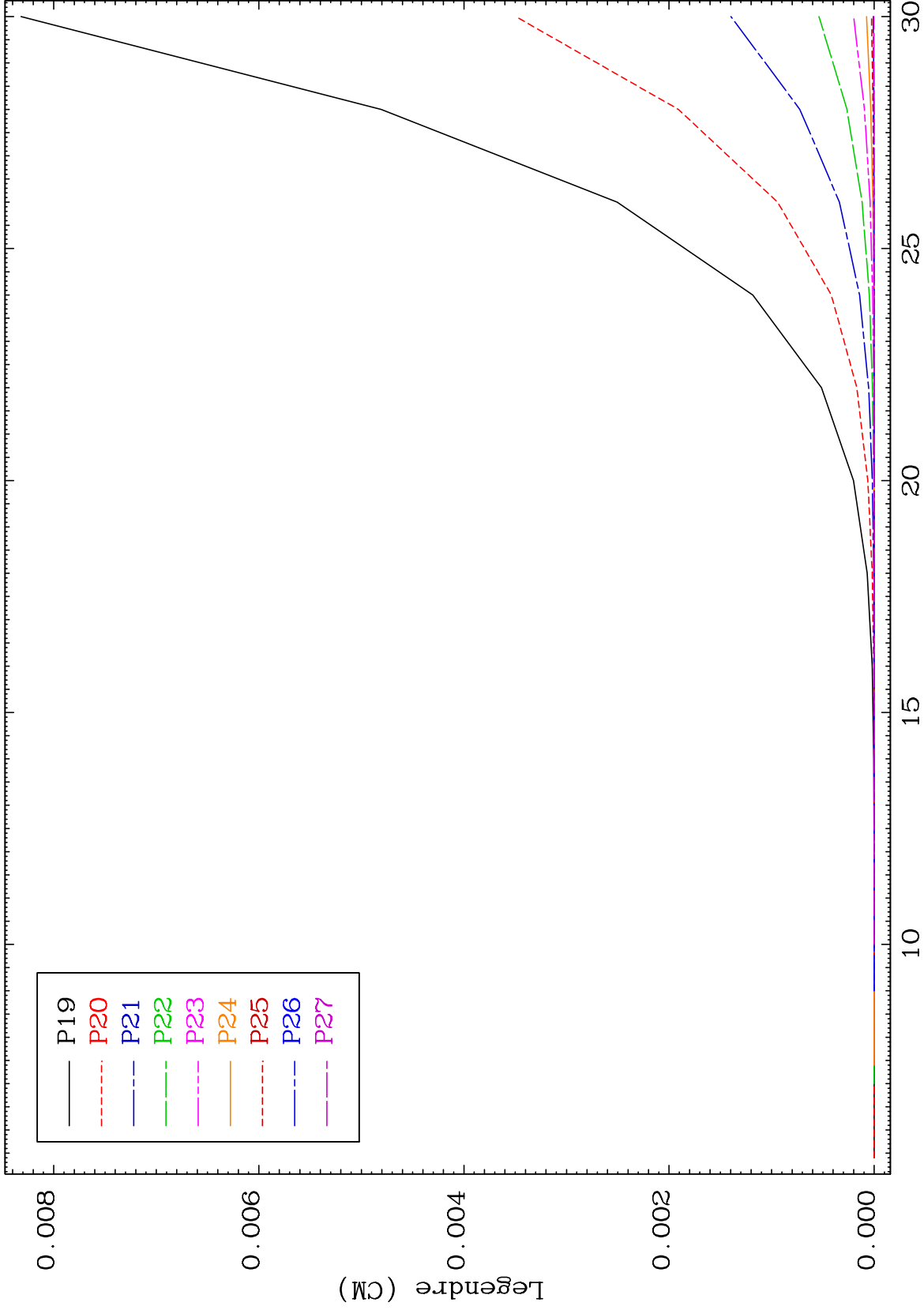
Elastic Legendre Coefficients



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### Elastic Legendre Coefficients

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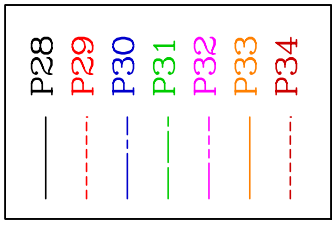
Incident Energy (MeV)

53-I -126

MAT 5322

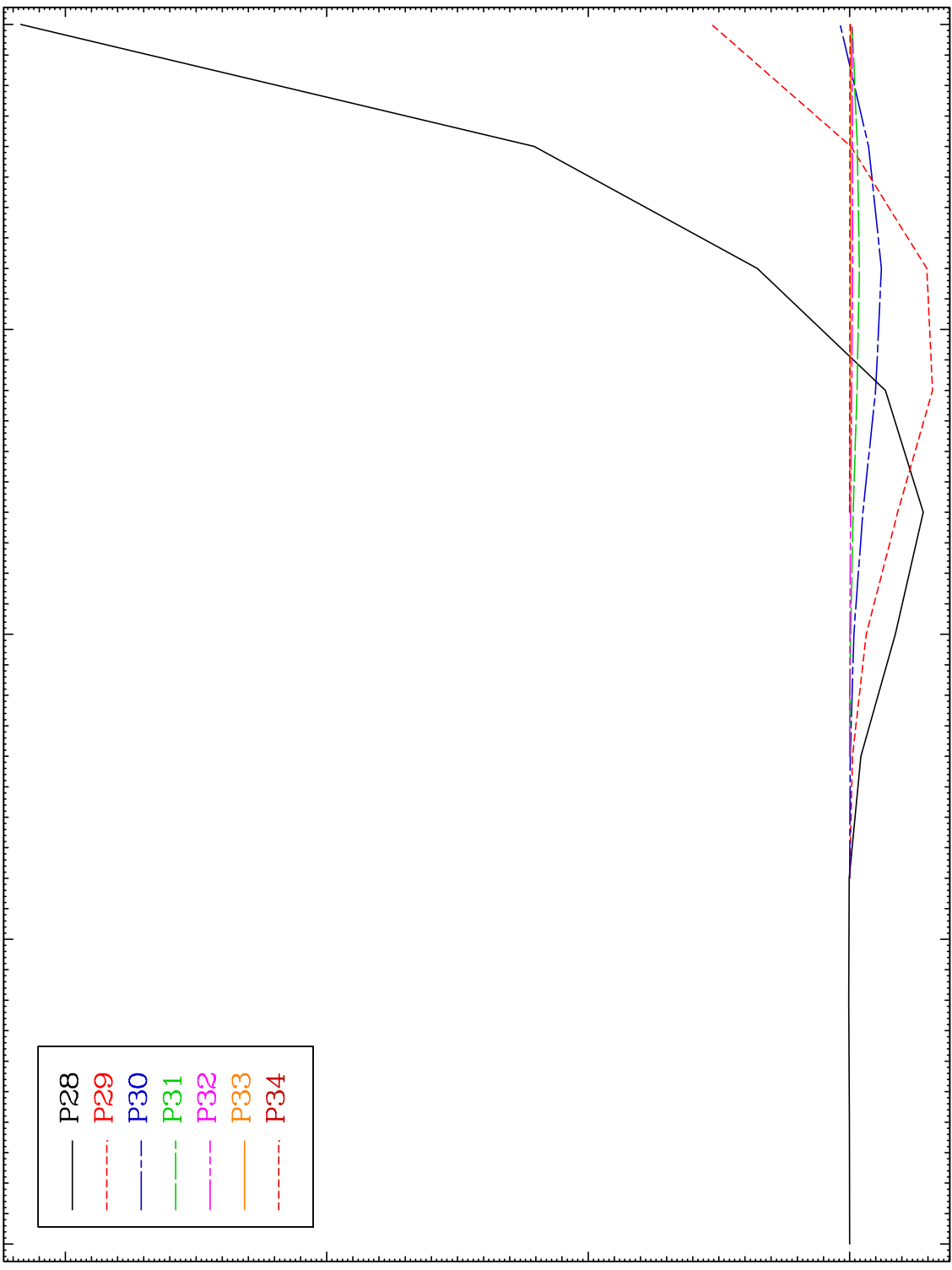
Elastic Legendre Coefficients

53-I -126



$\times 10^{-6}$

Legendre (CM)



30

25

20

15

10

Incident Energy (MeV)

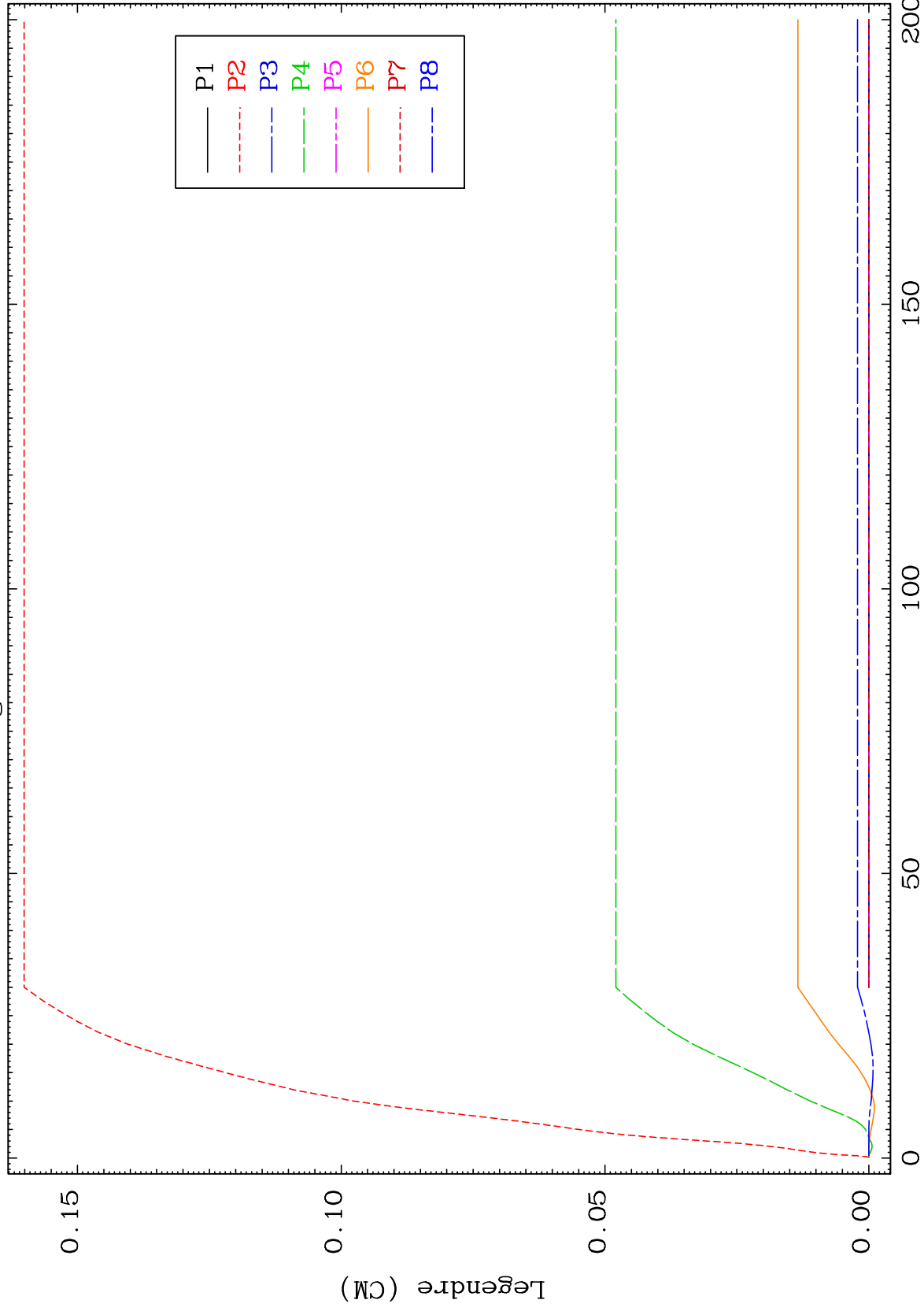
53-I -126

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MAT 5322

56.43 keV (n,n') Level  
Legendre Coefficients

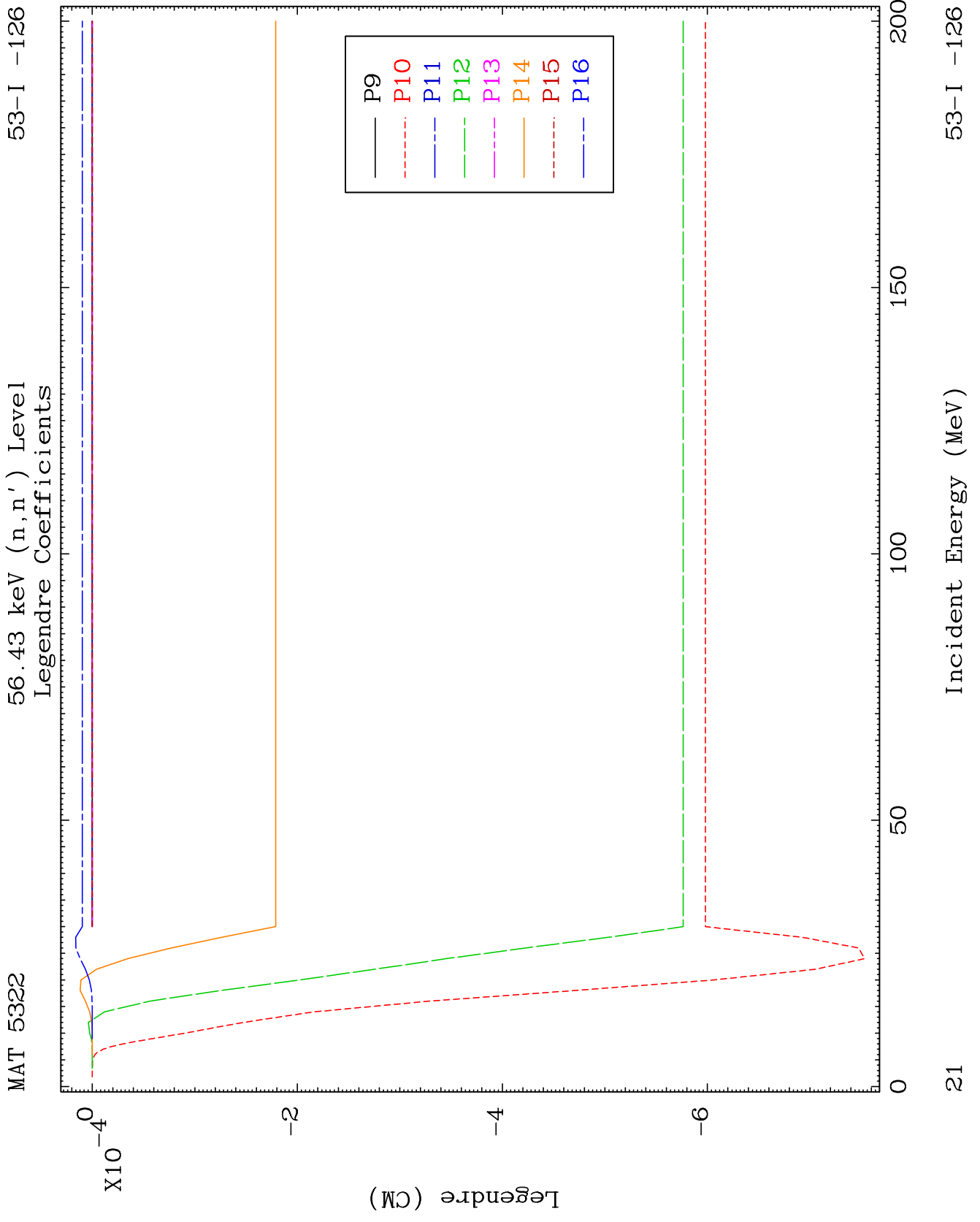
53-I -126



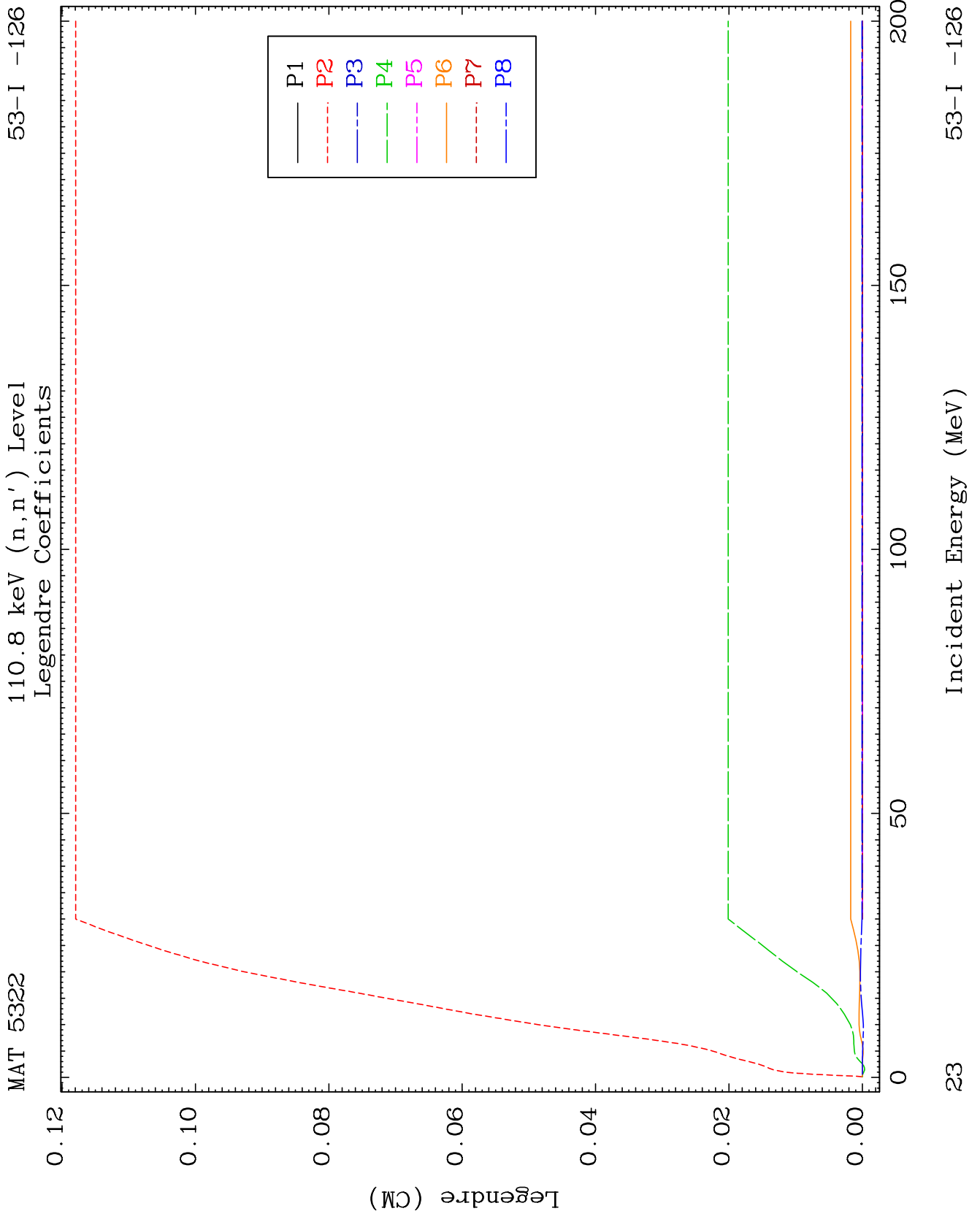
53-I -126

Incident Energy (MeV)

20





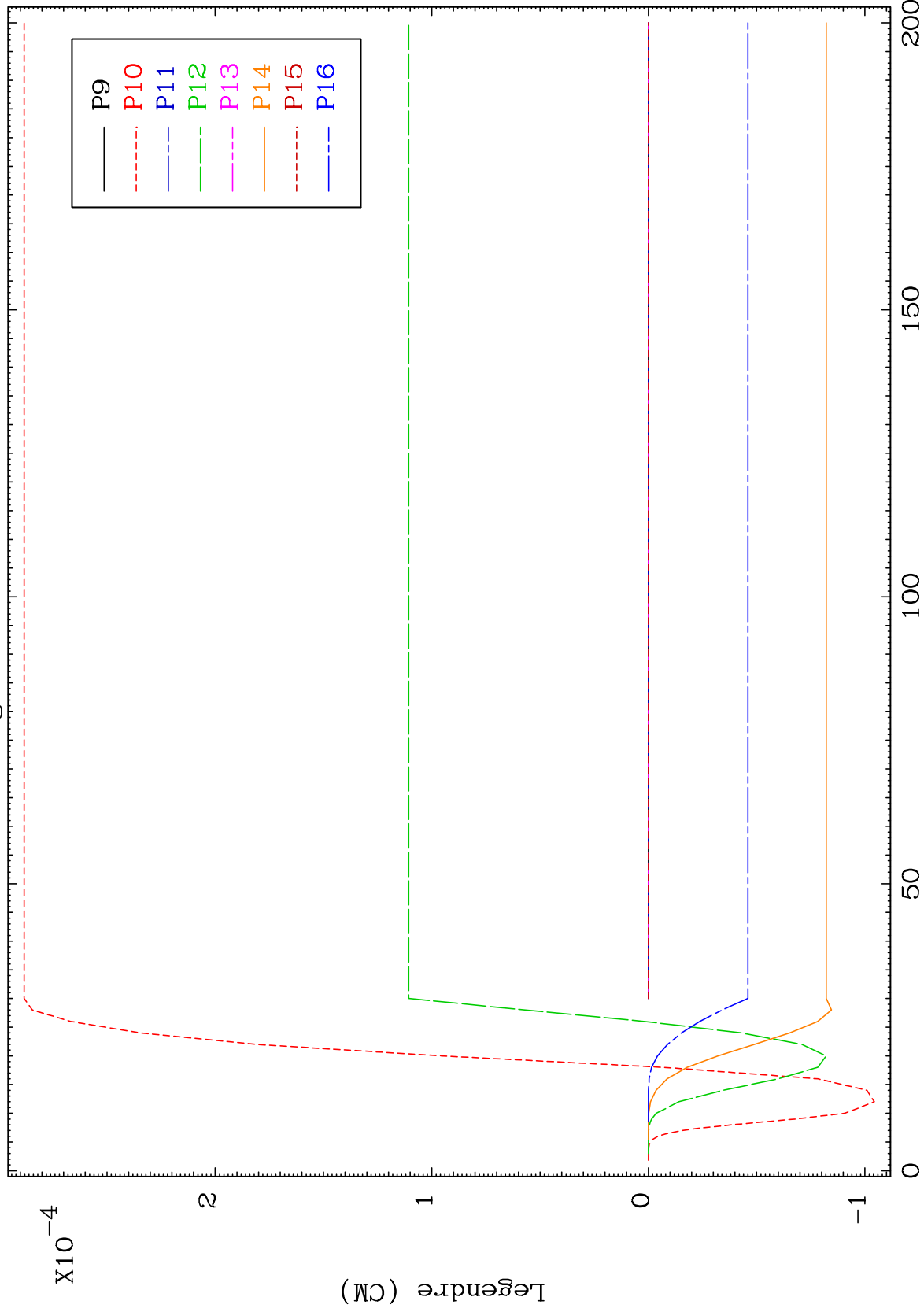




MAT 5322

110.8 keV (n,n') Level  
Legendre Coefficients

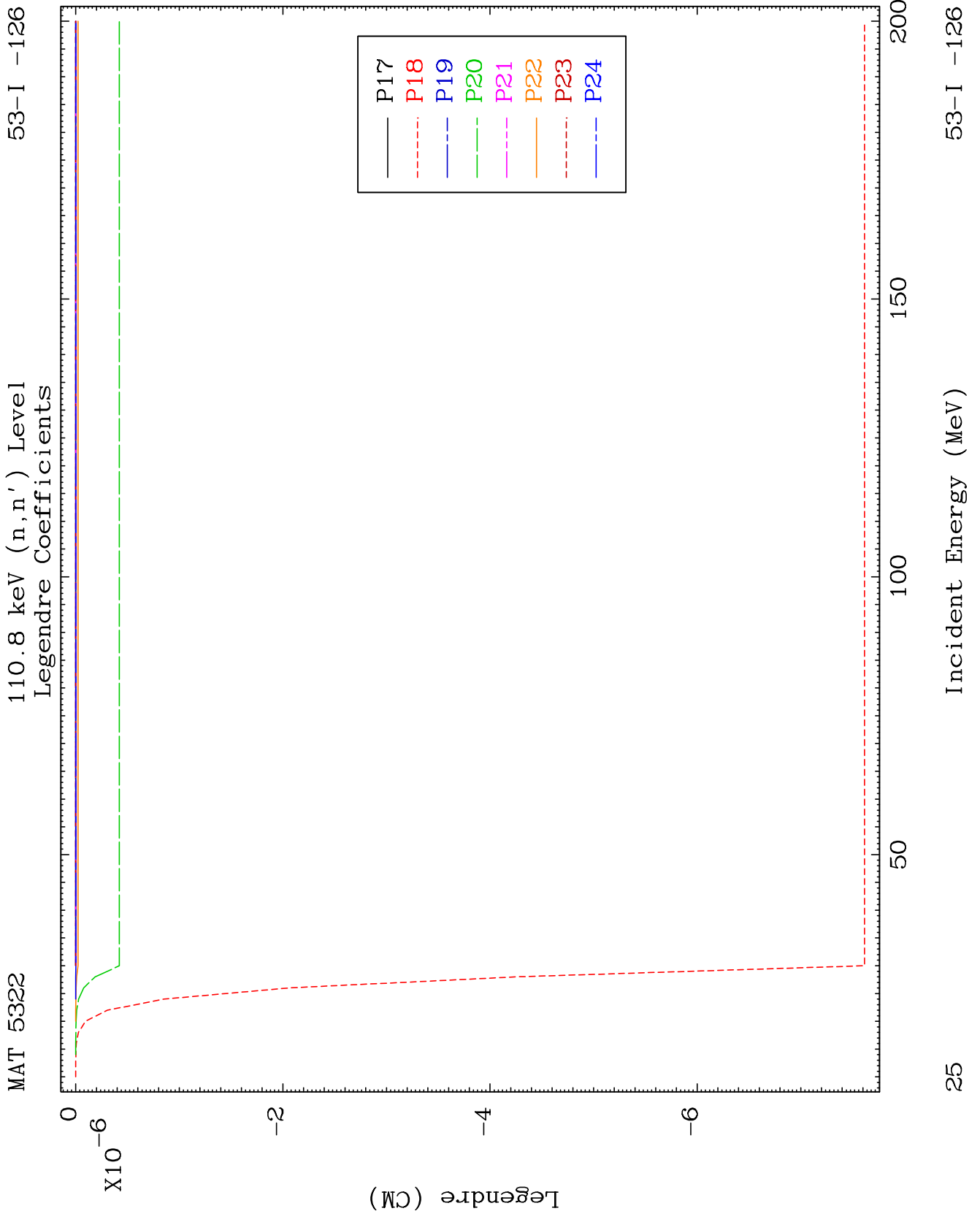
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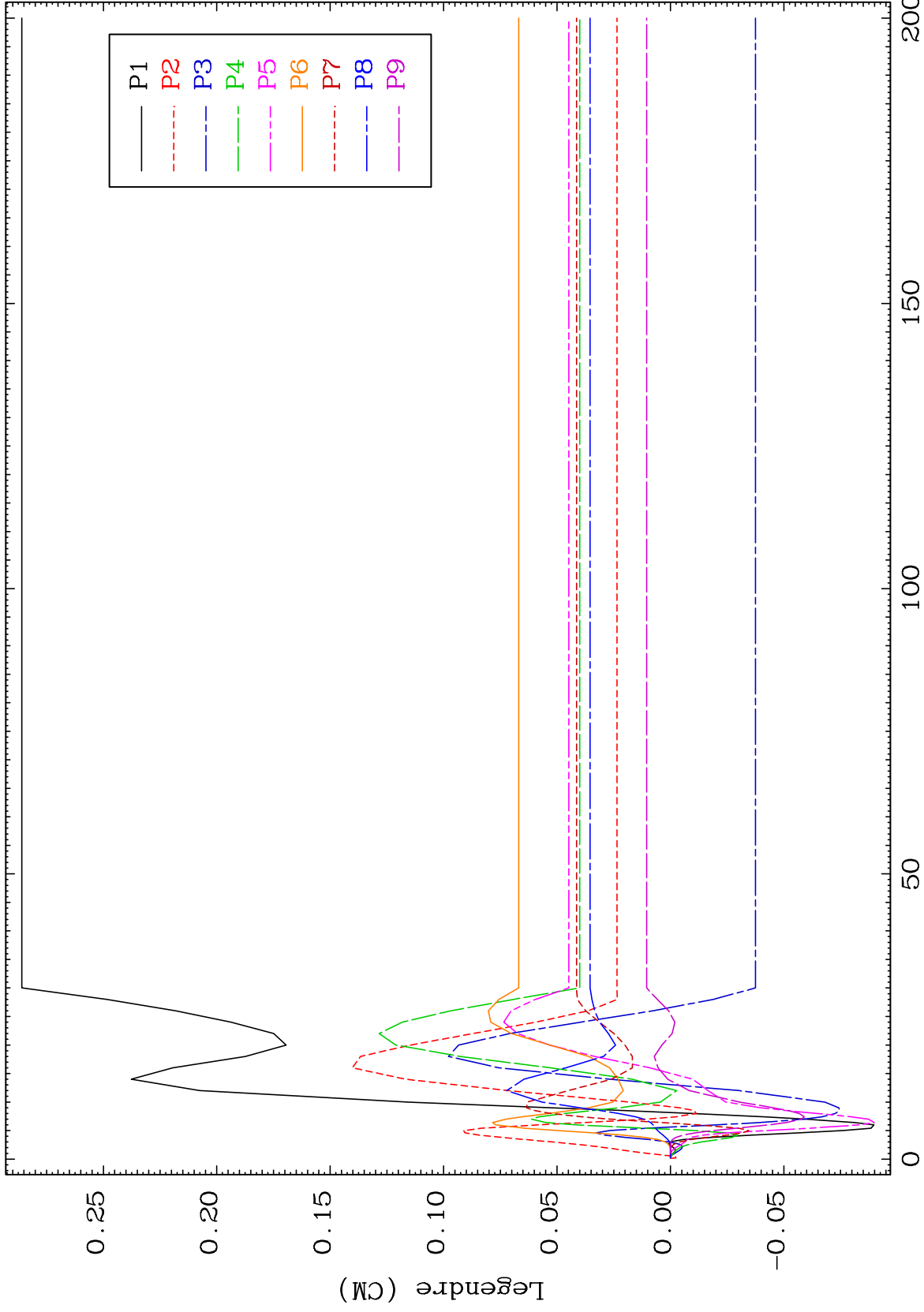


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Incident Energy (MeV)

53-I -126

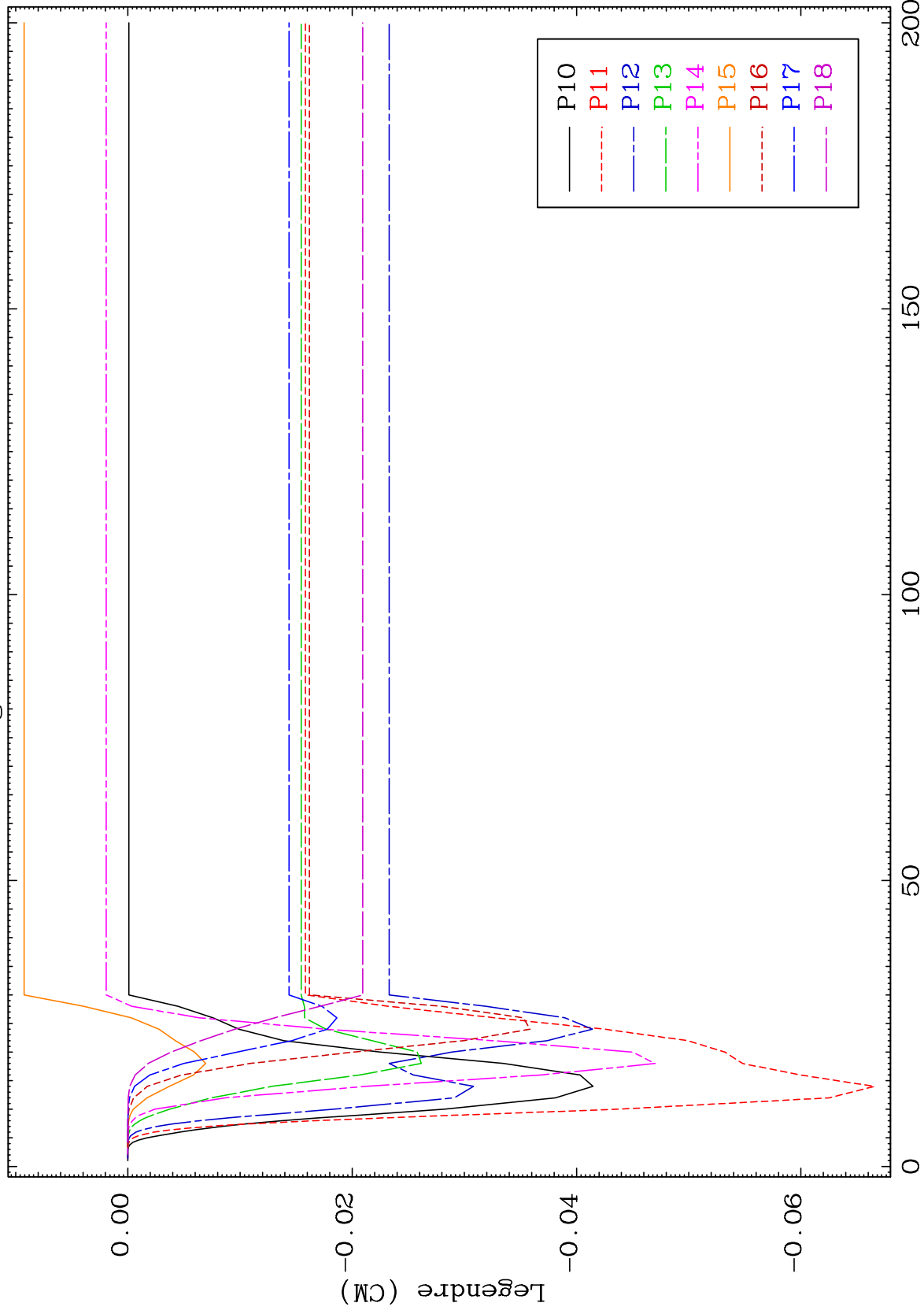




MAT 5322

122.2 keV (n,n') Level  
Legendre Coefficients

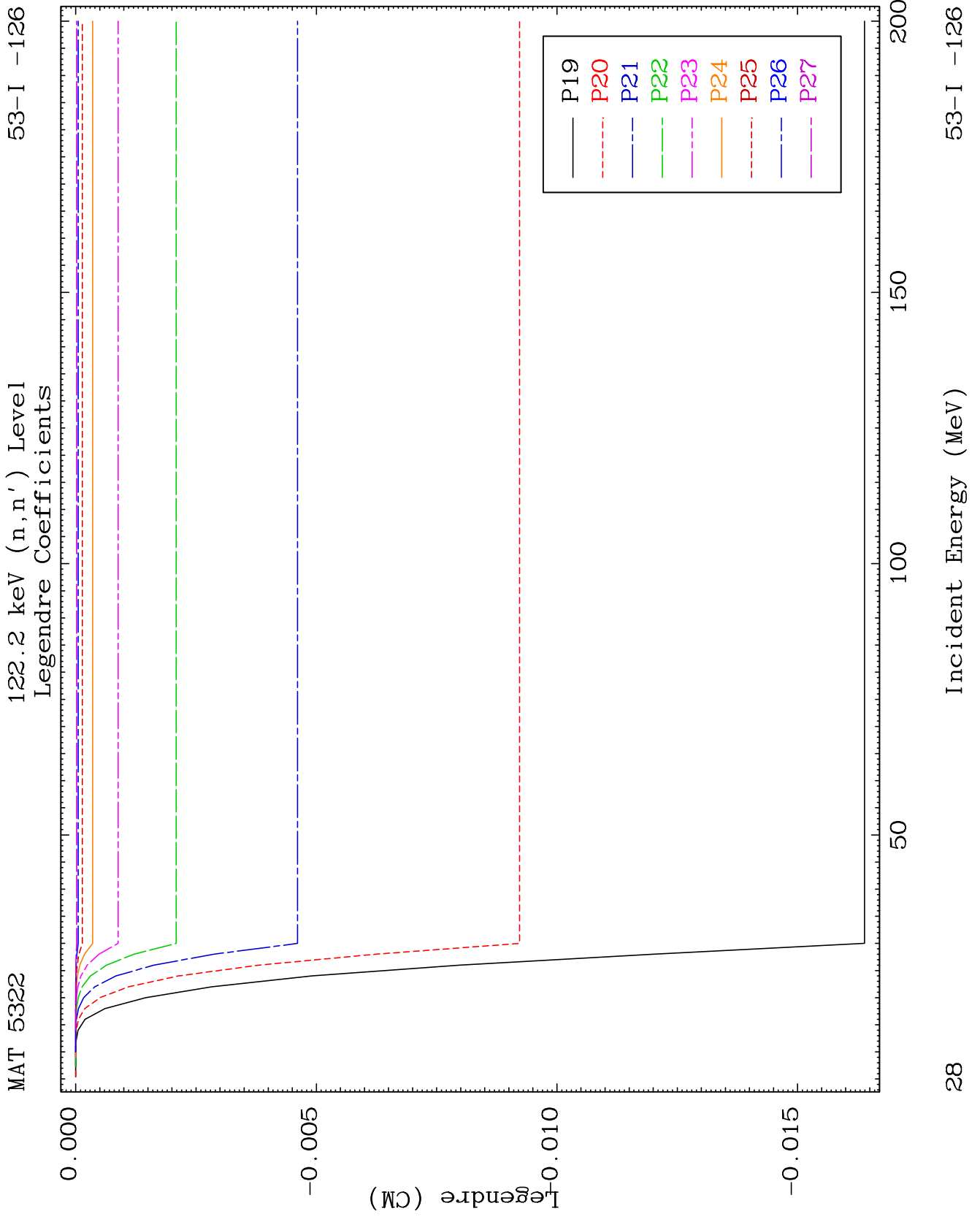
53-I -126

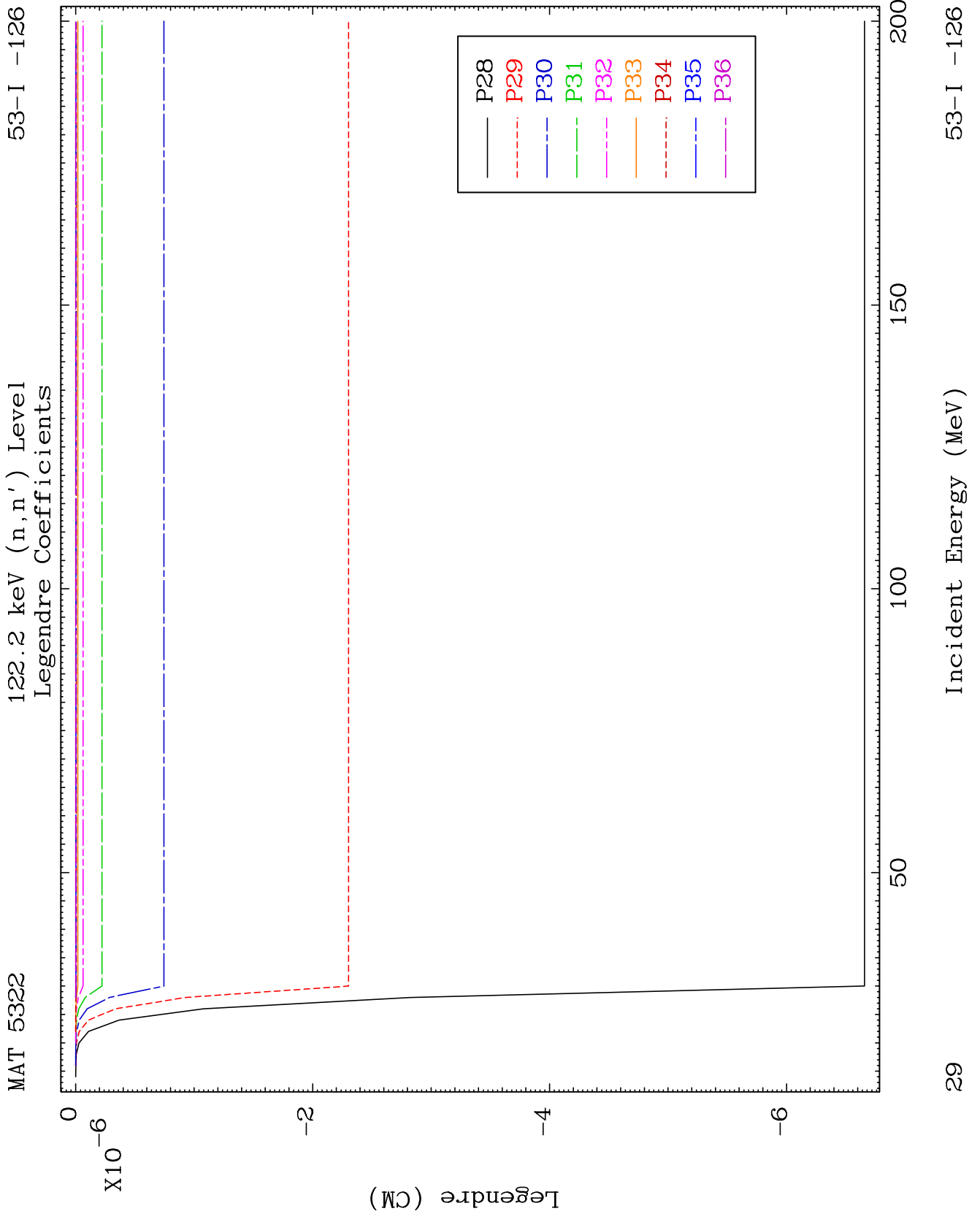


27

Incident Energy (MeV)

53-I -126

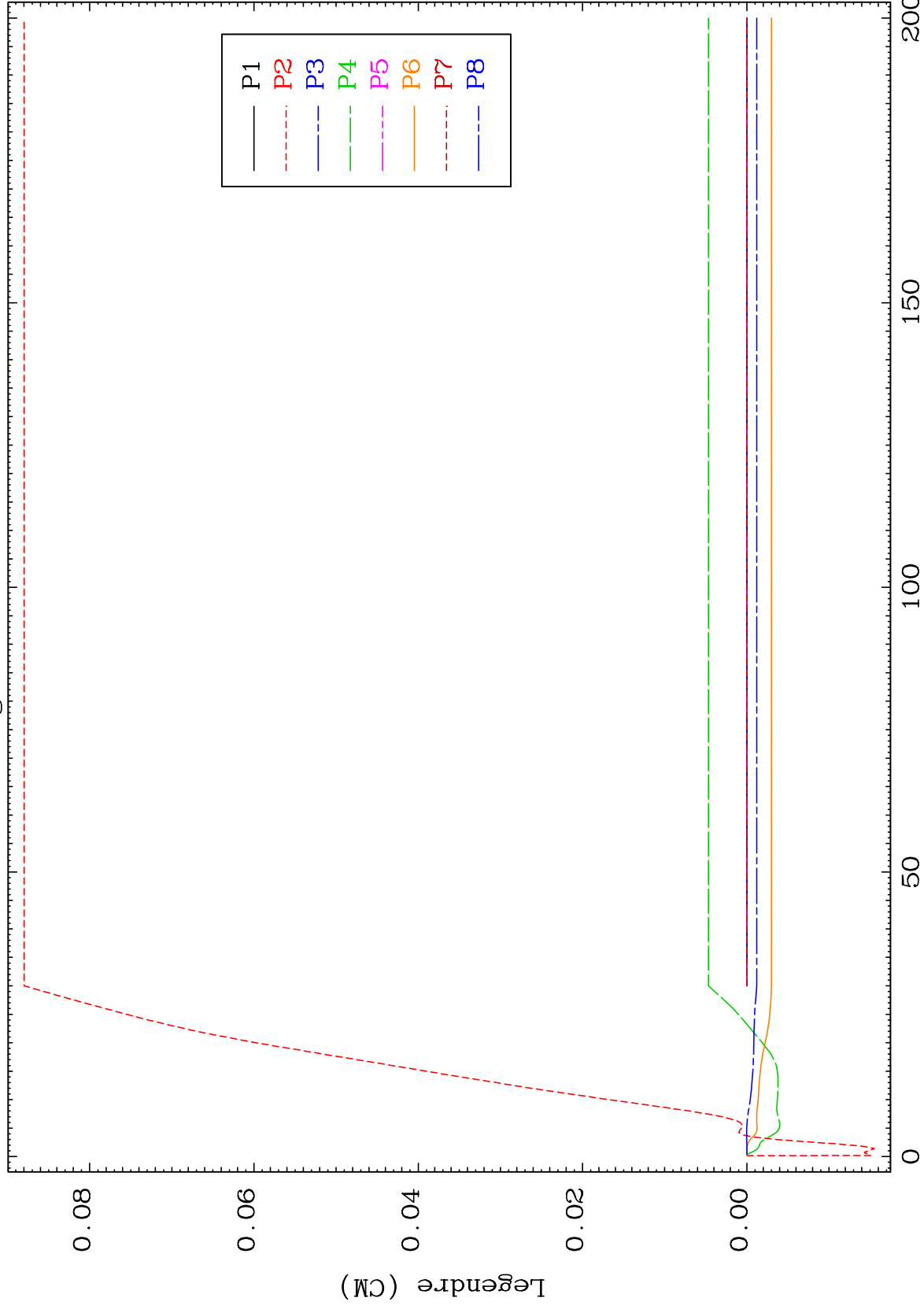




MAT 5322

146.0 keV (n,n') Level  
Legendre Coefficients

53-I -126



53-I -126

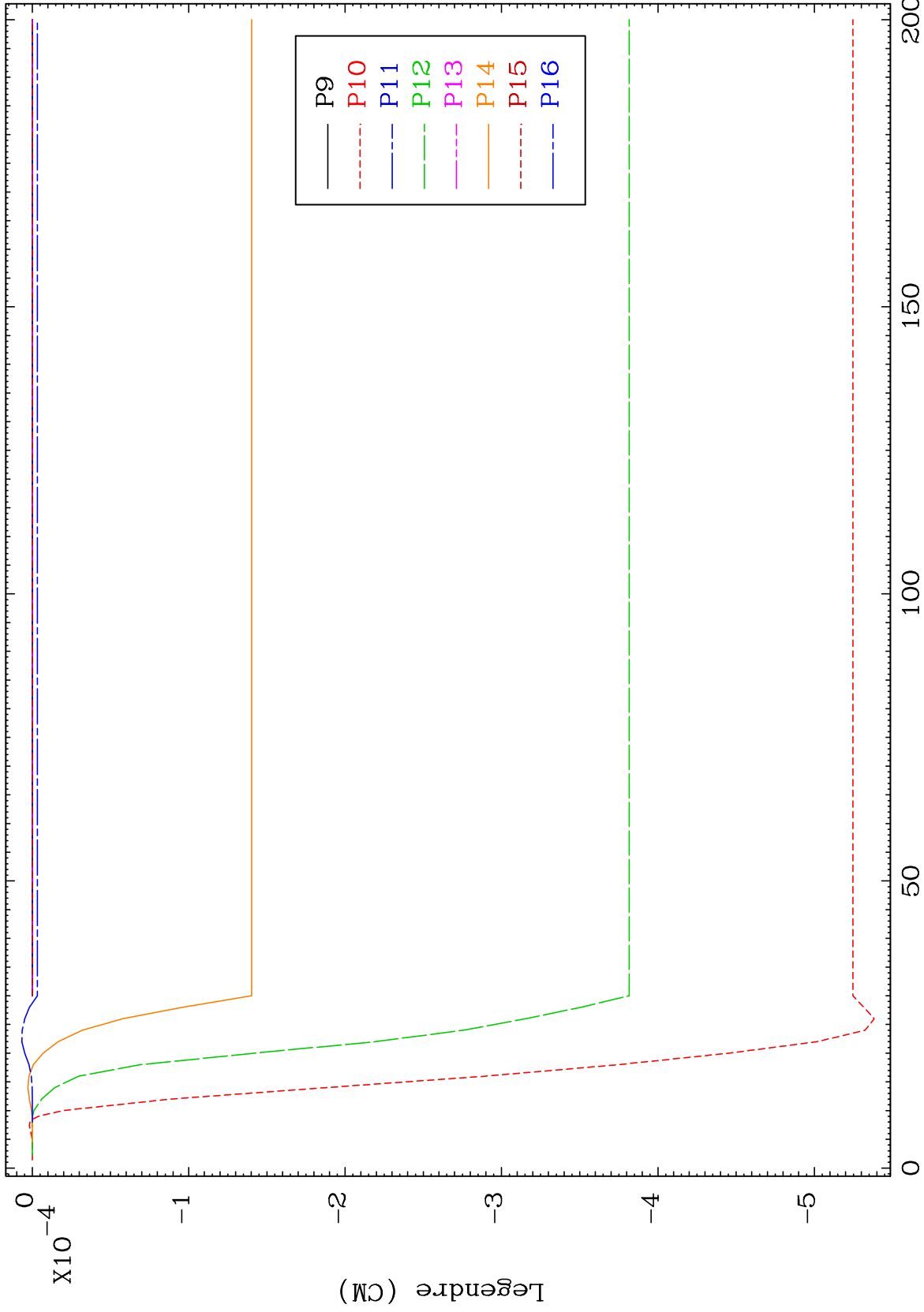
Incident Energy (MeV)

30

MAT 5322

146.0 keV (n,n') Level  
Legendre Coefficients

53-I -126



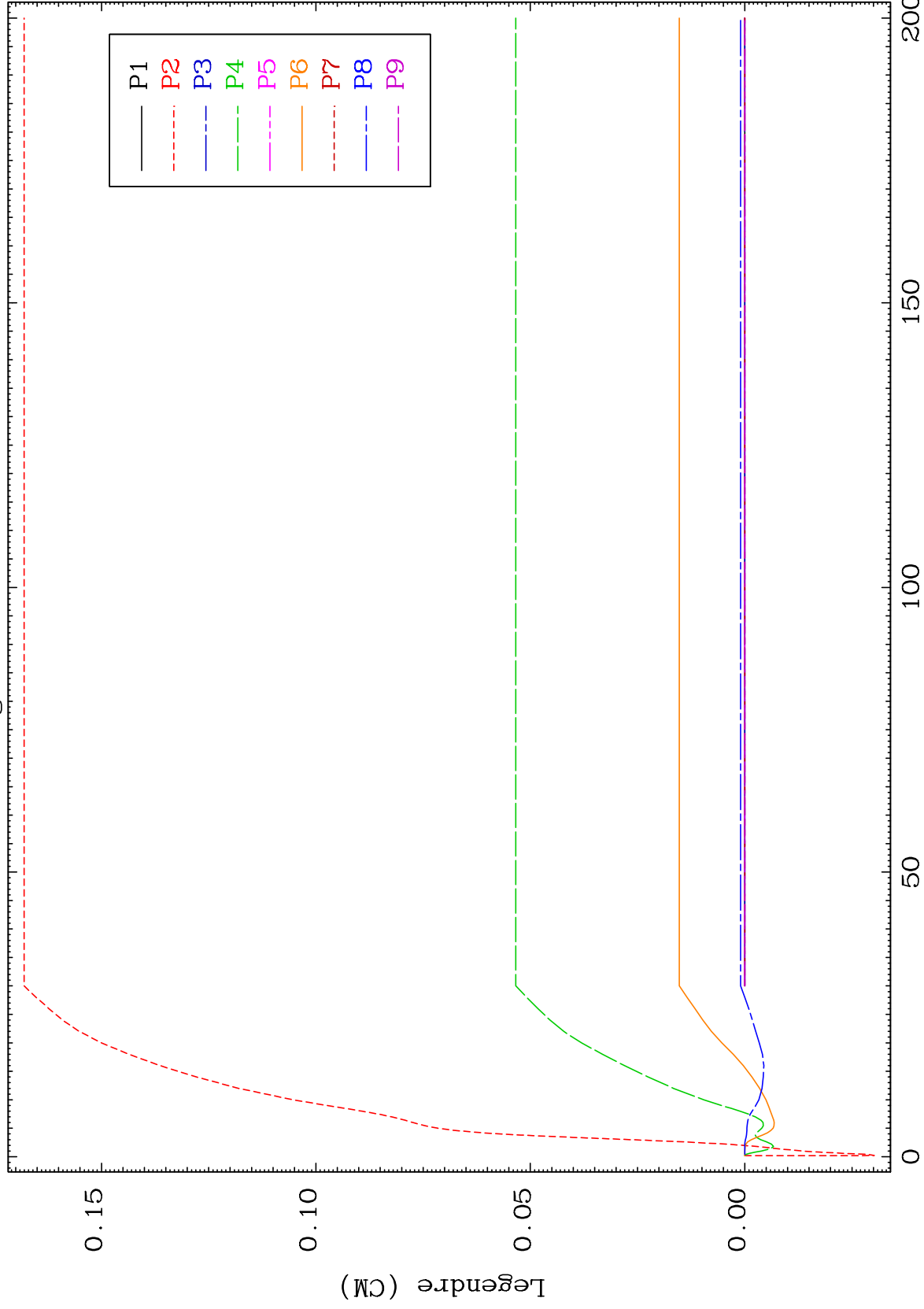
31

Incident Energy (MeV)

53-I -126



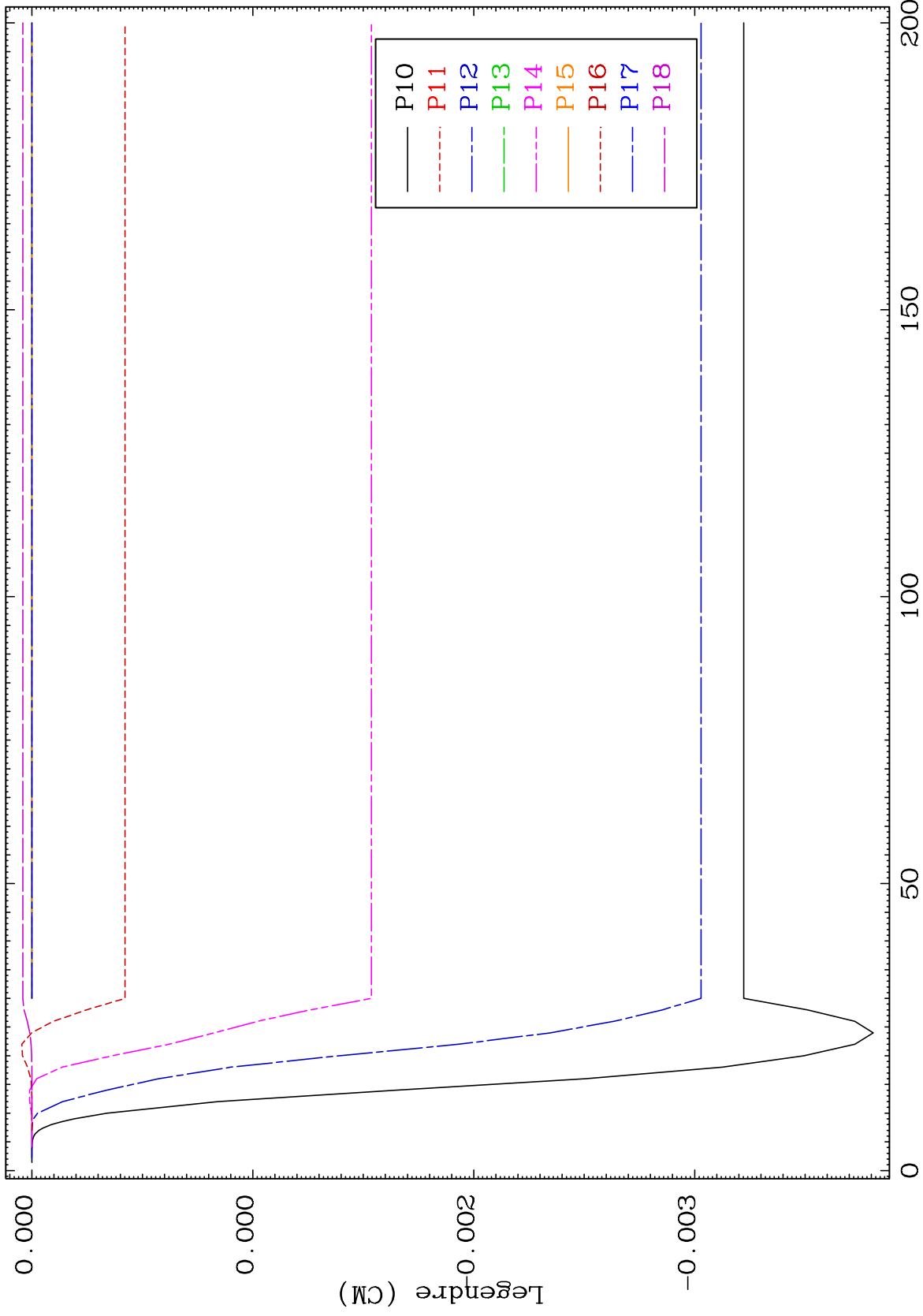




MAT 5322

166.0 keV (n,n') Level  
Legendre Coefficients

53-I -126

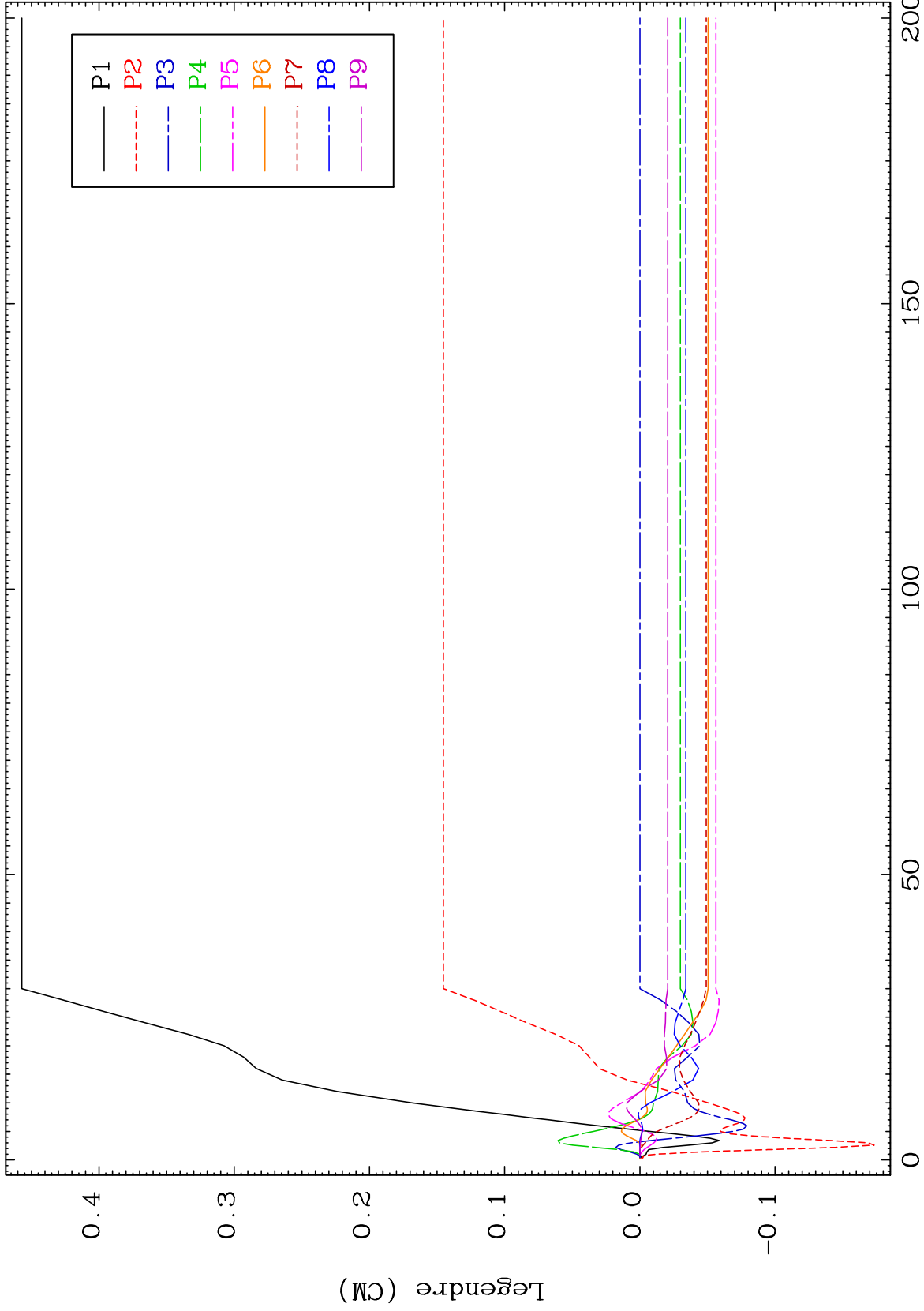


34

Incident Energy (MeV)

53-I -126

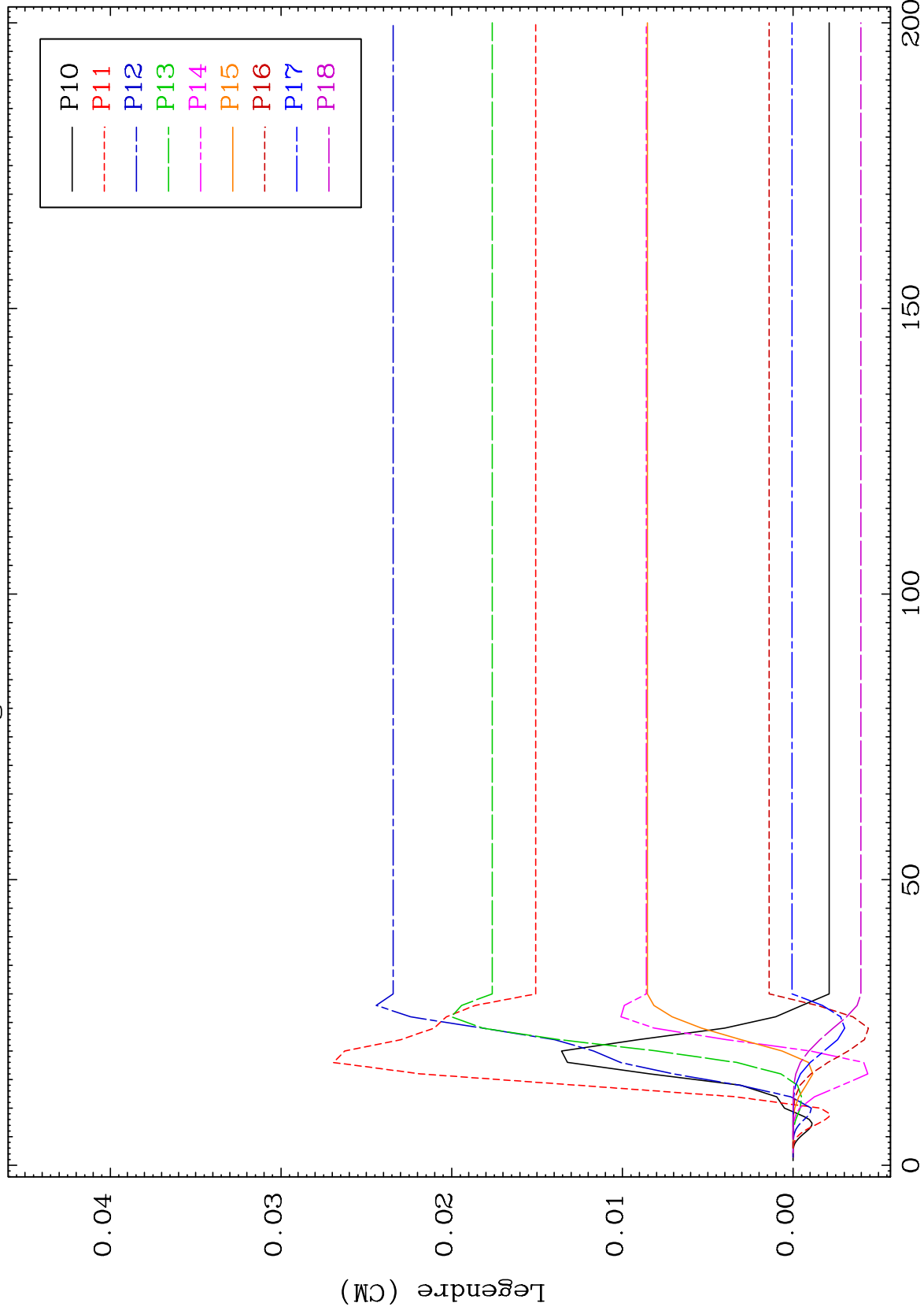




MAT 5322

179.0 keV (n,n') Level  
Legendre Coefficients

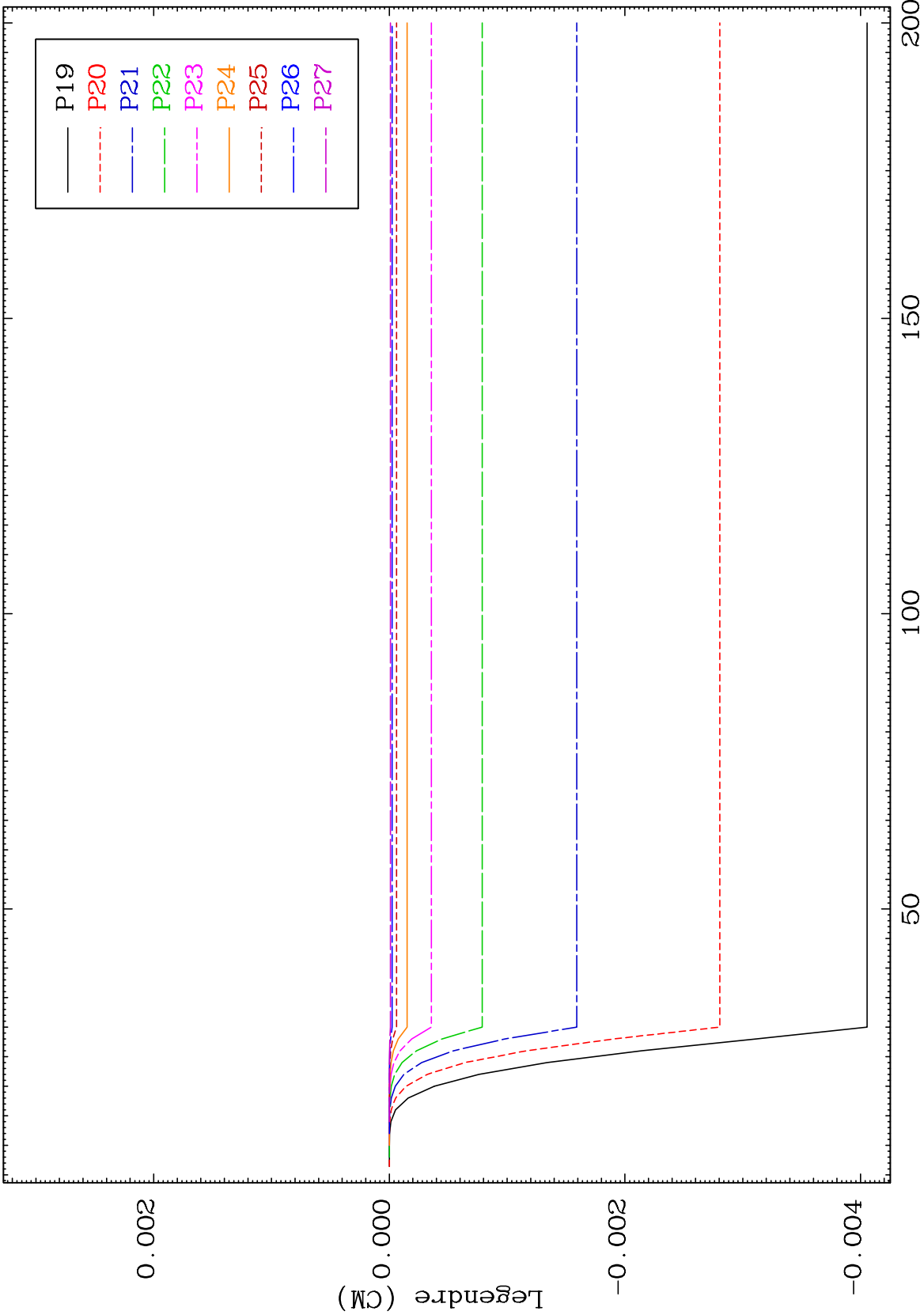
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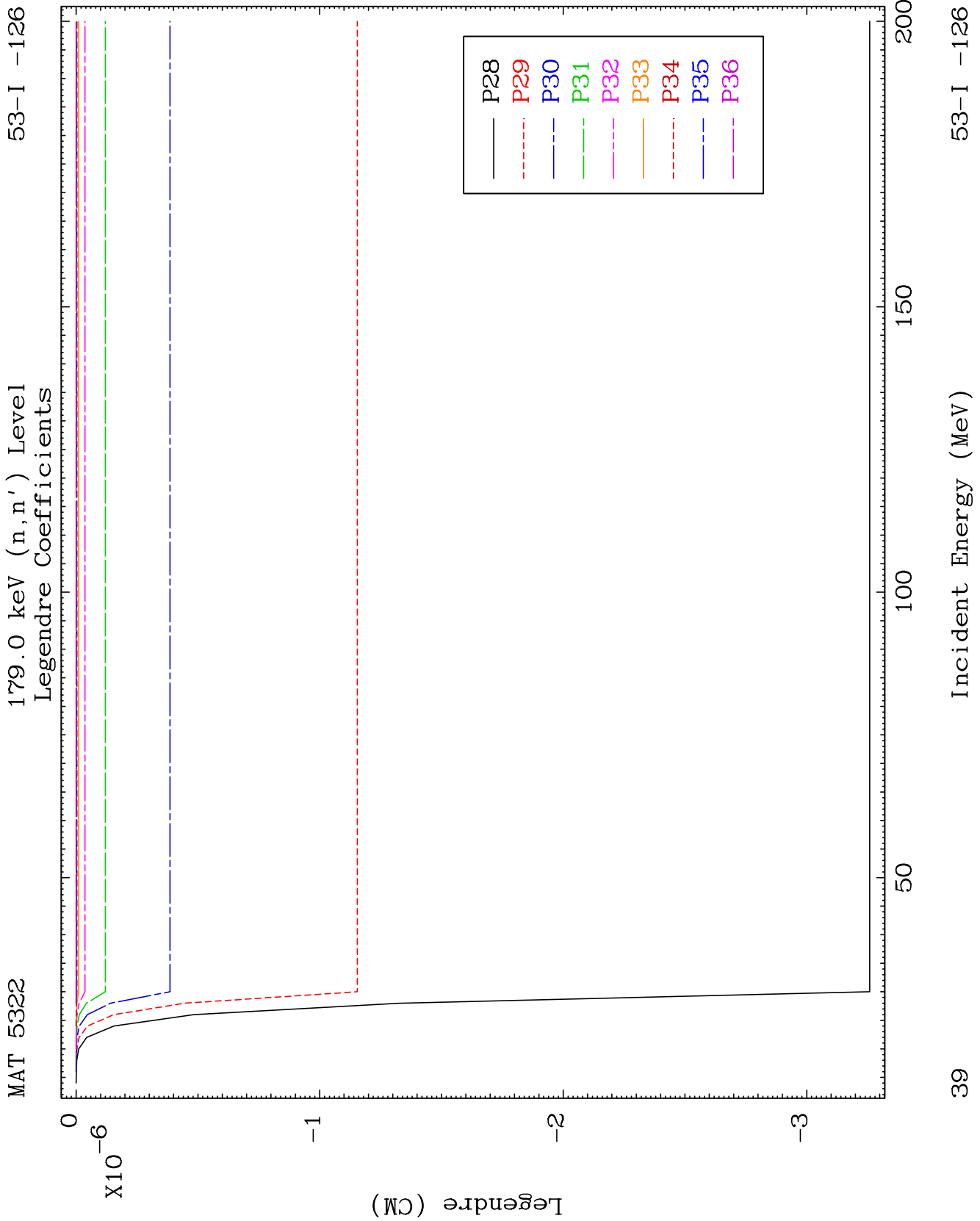


37

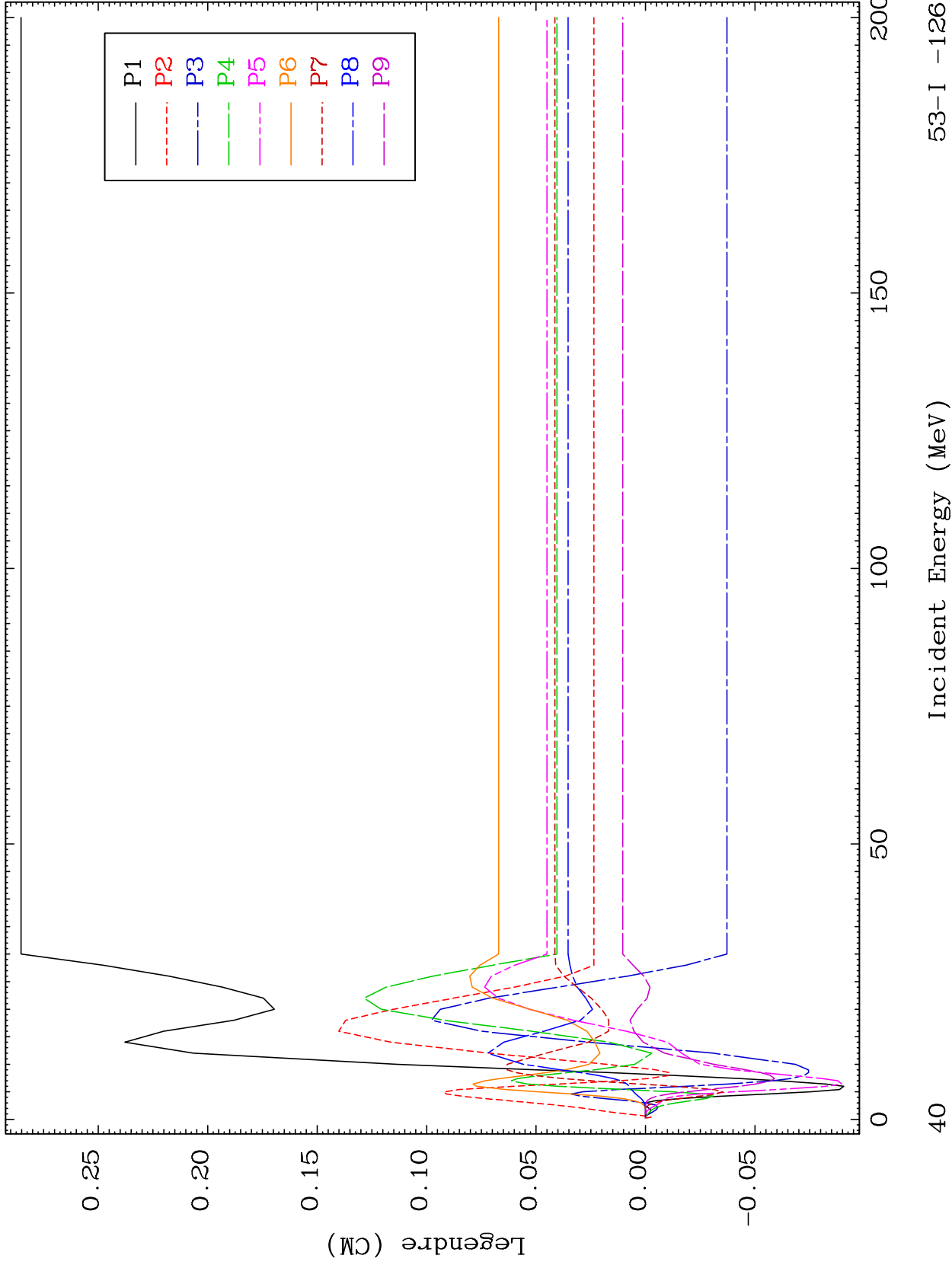
Incident Energy (MeV)

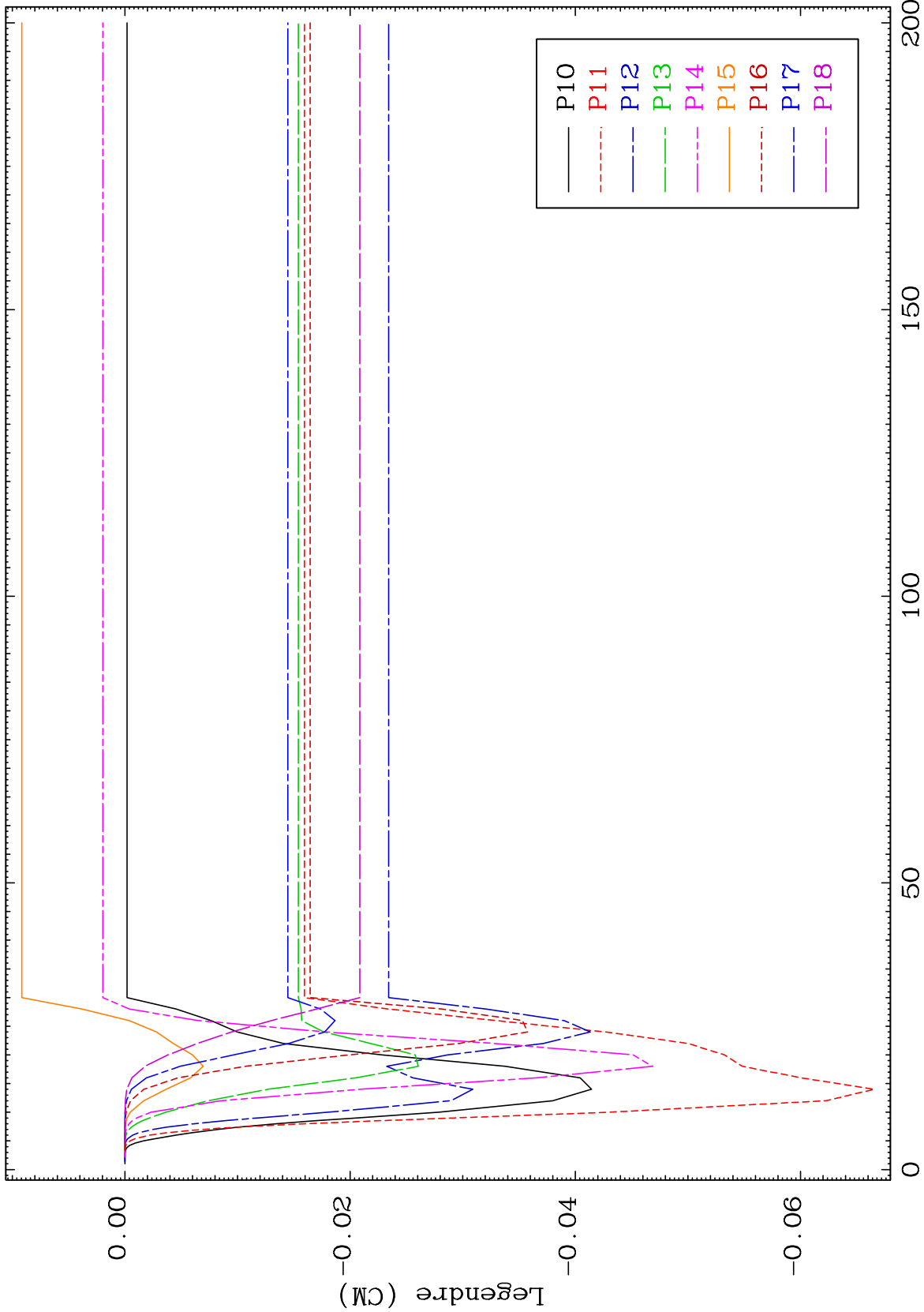
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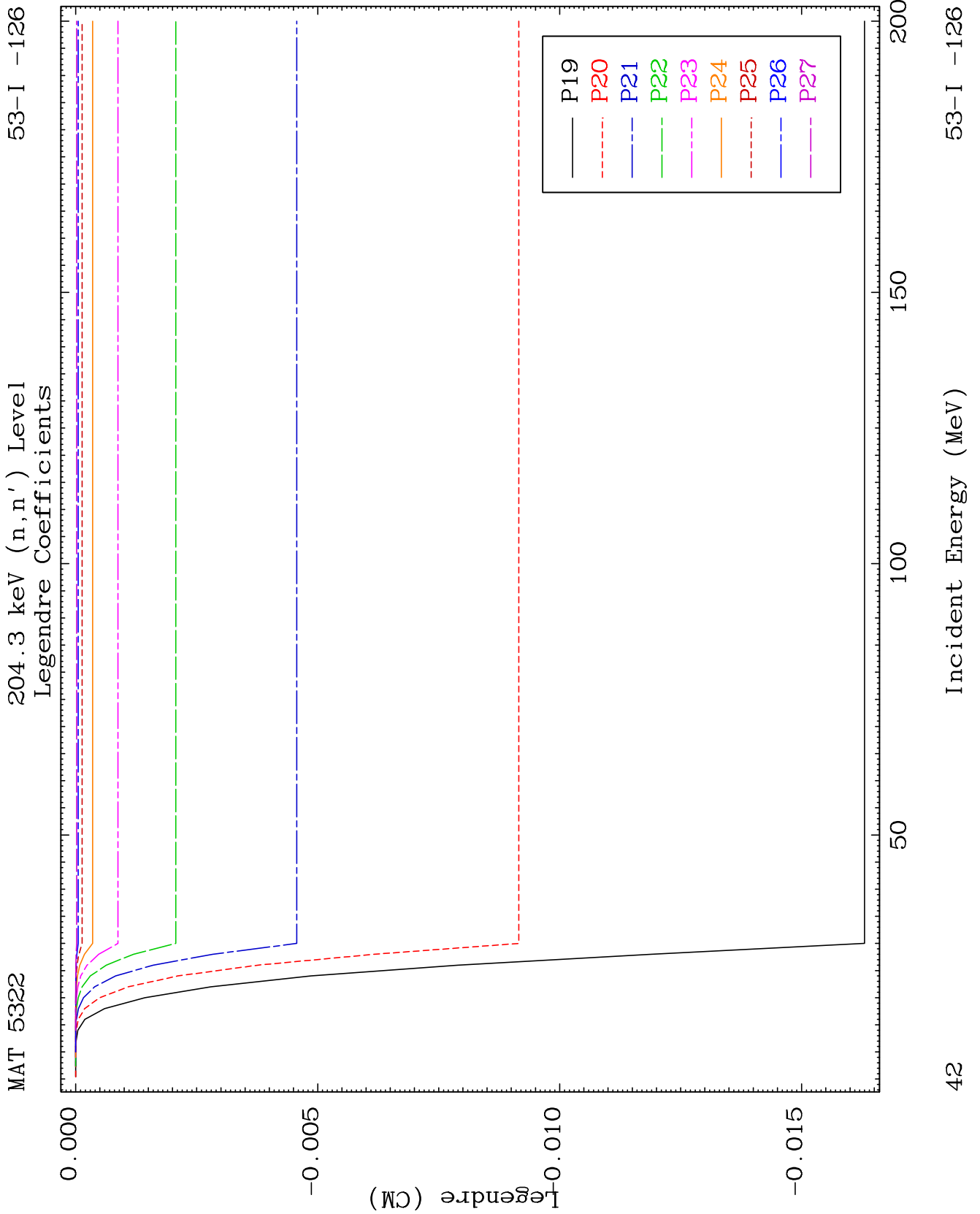


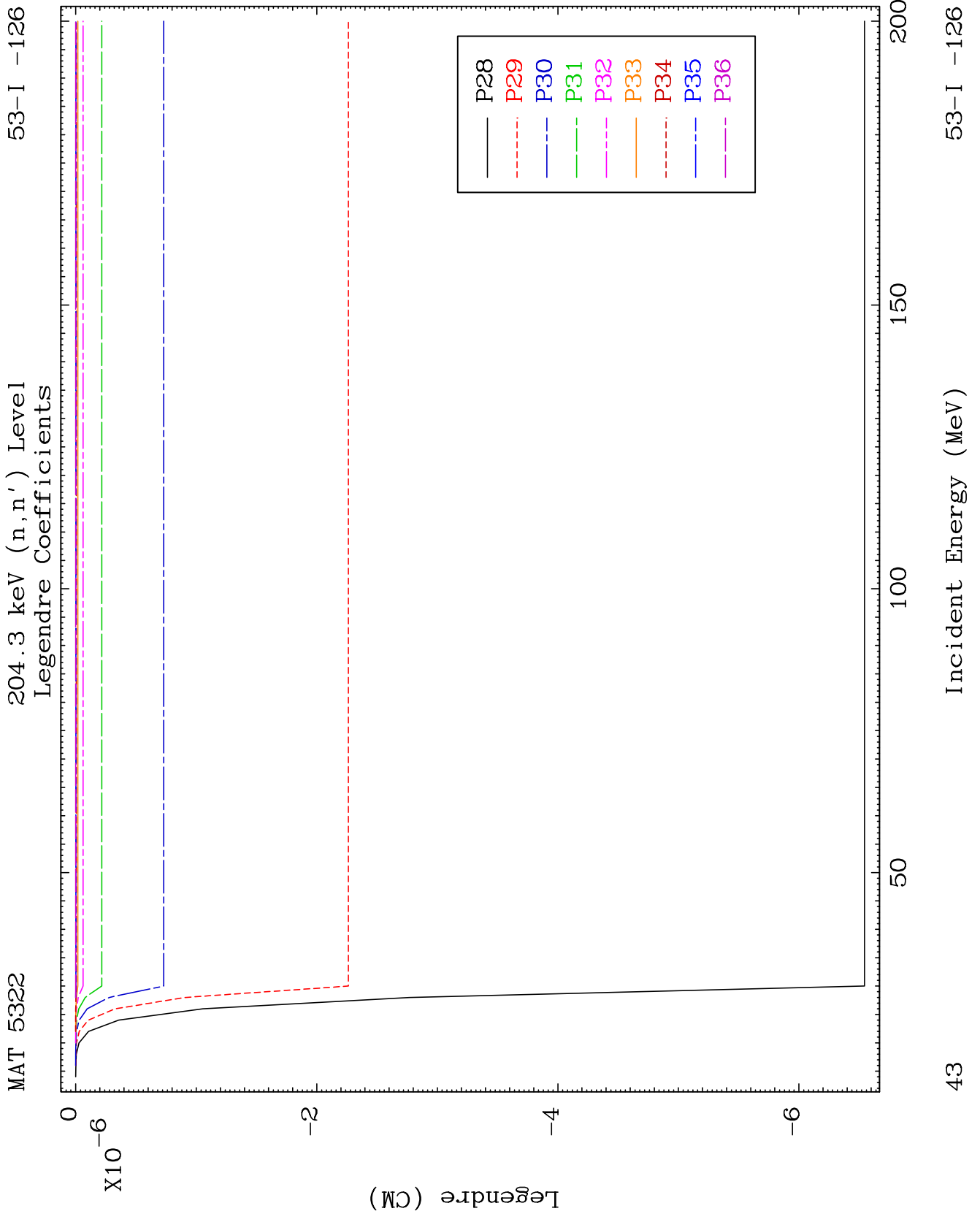


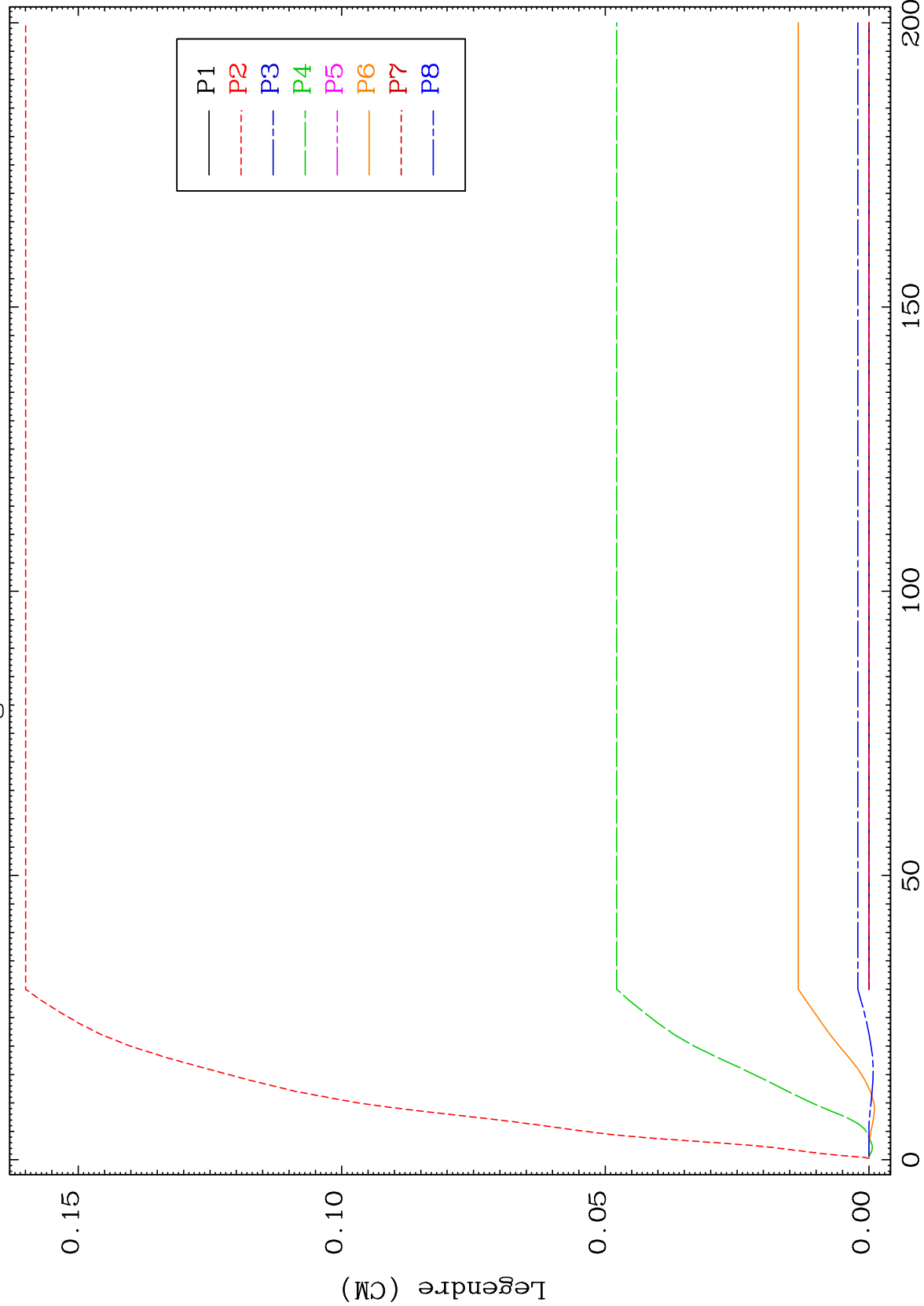




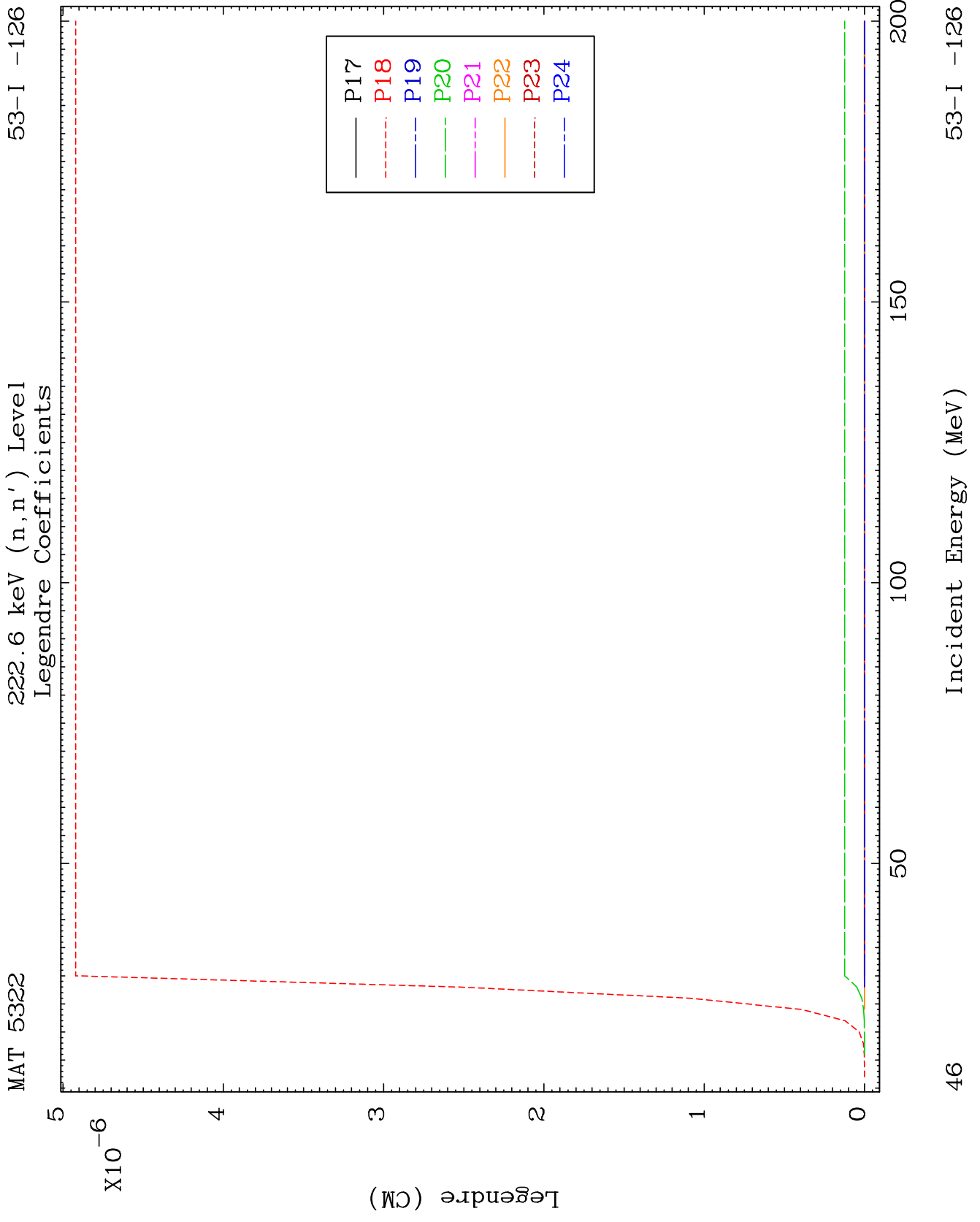


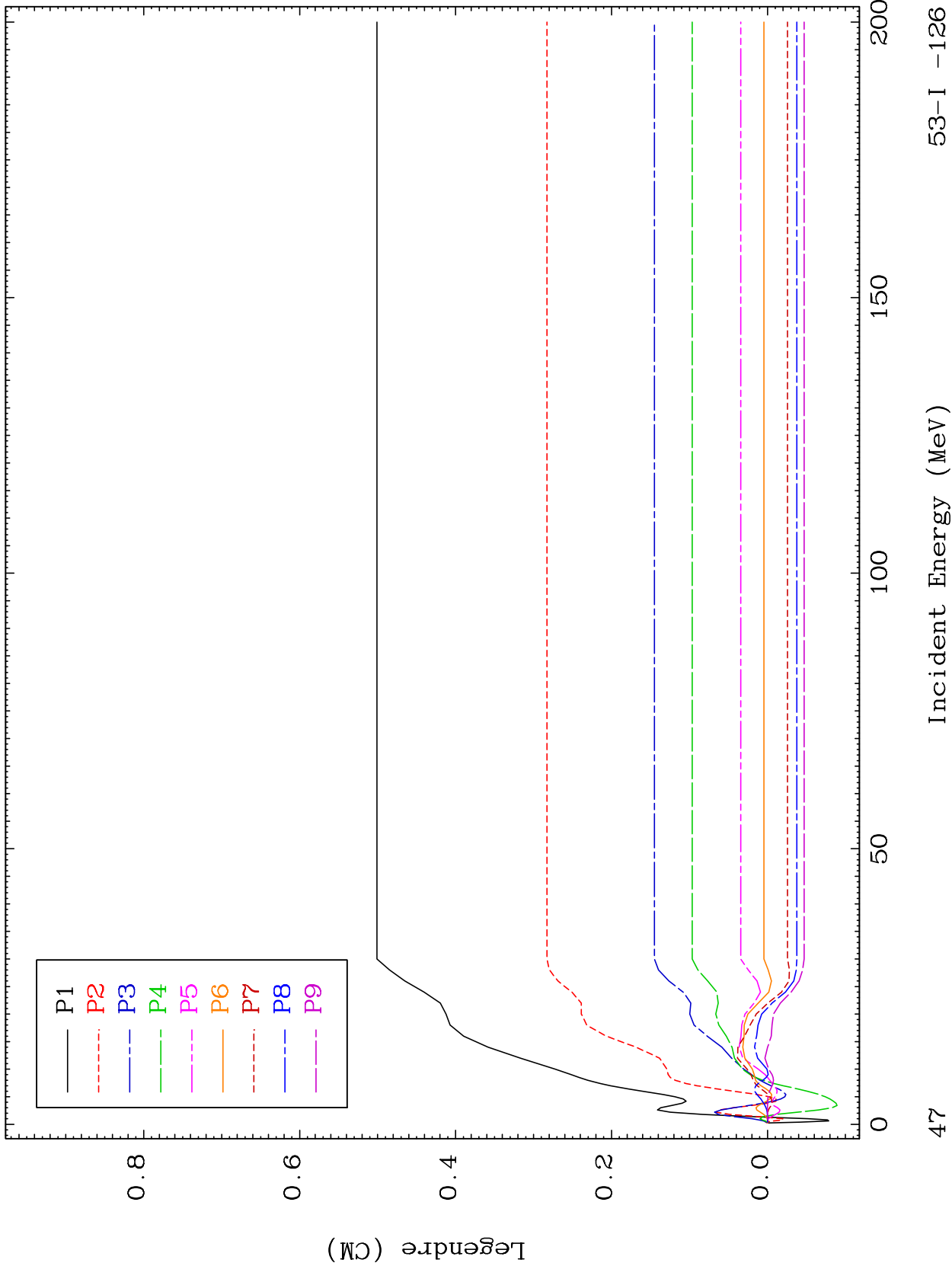




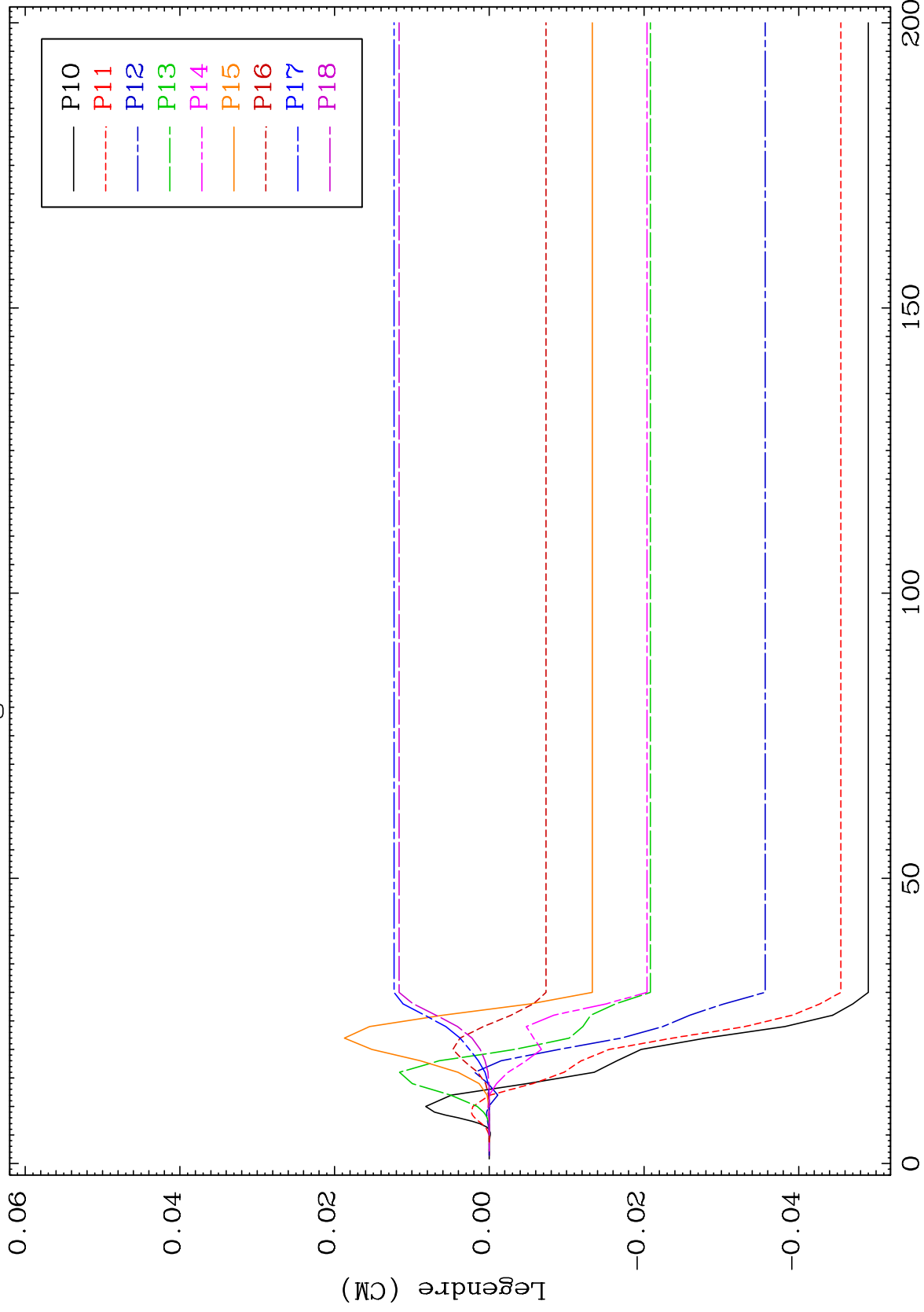


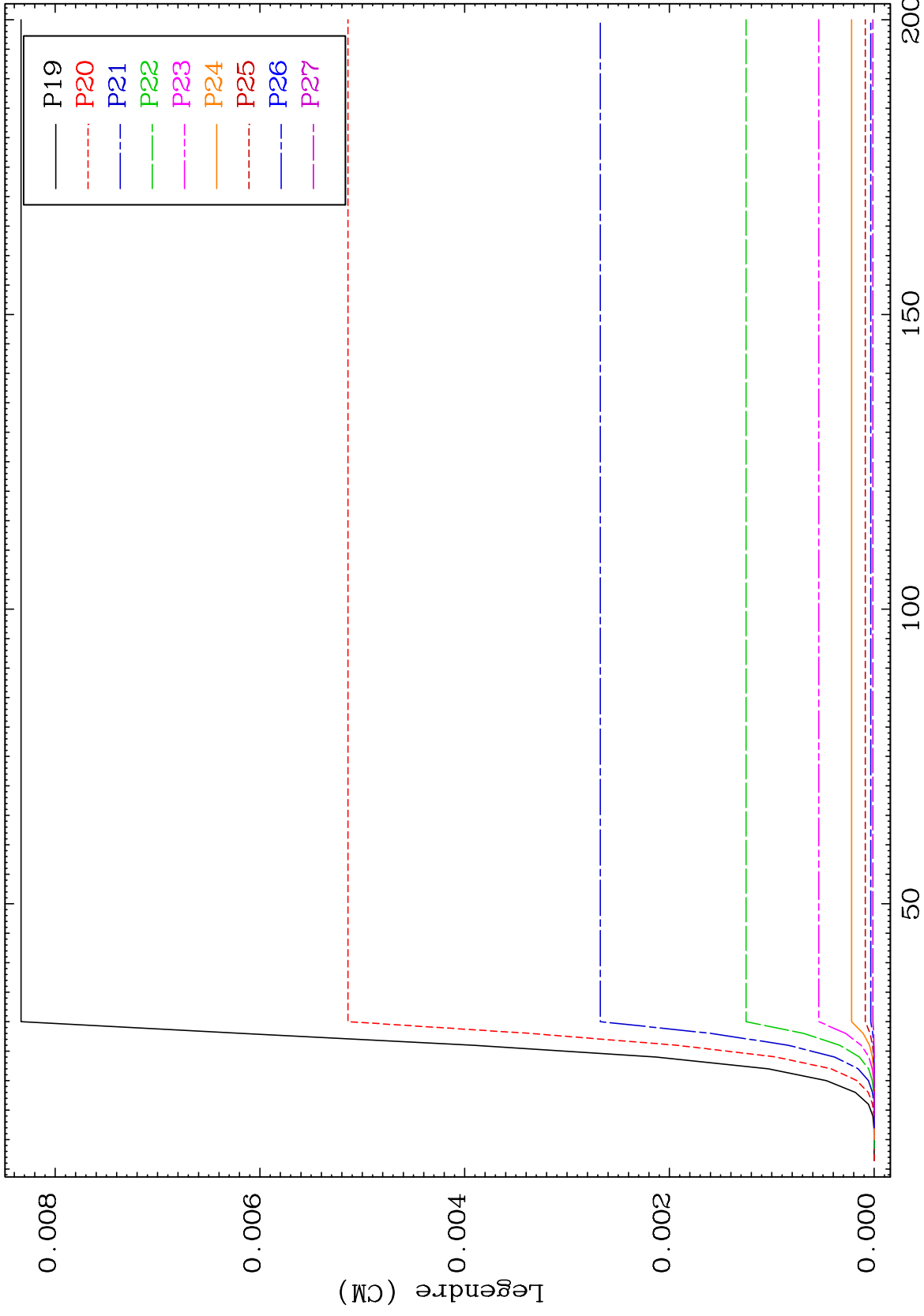








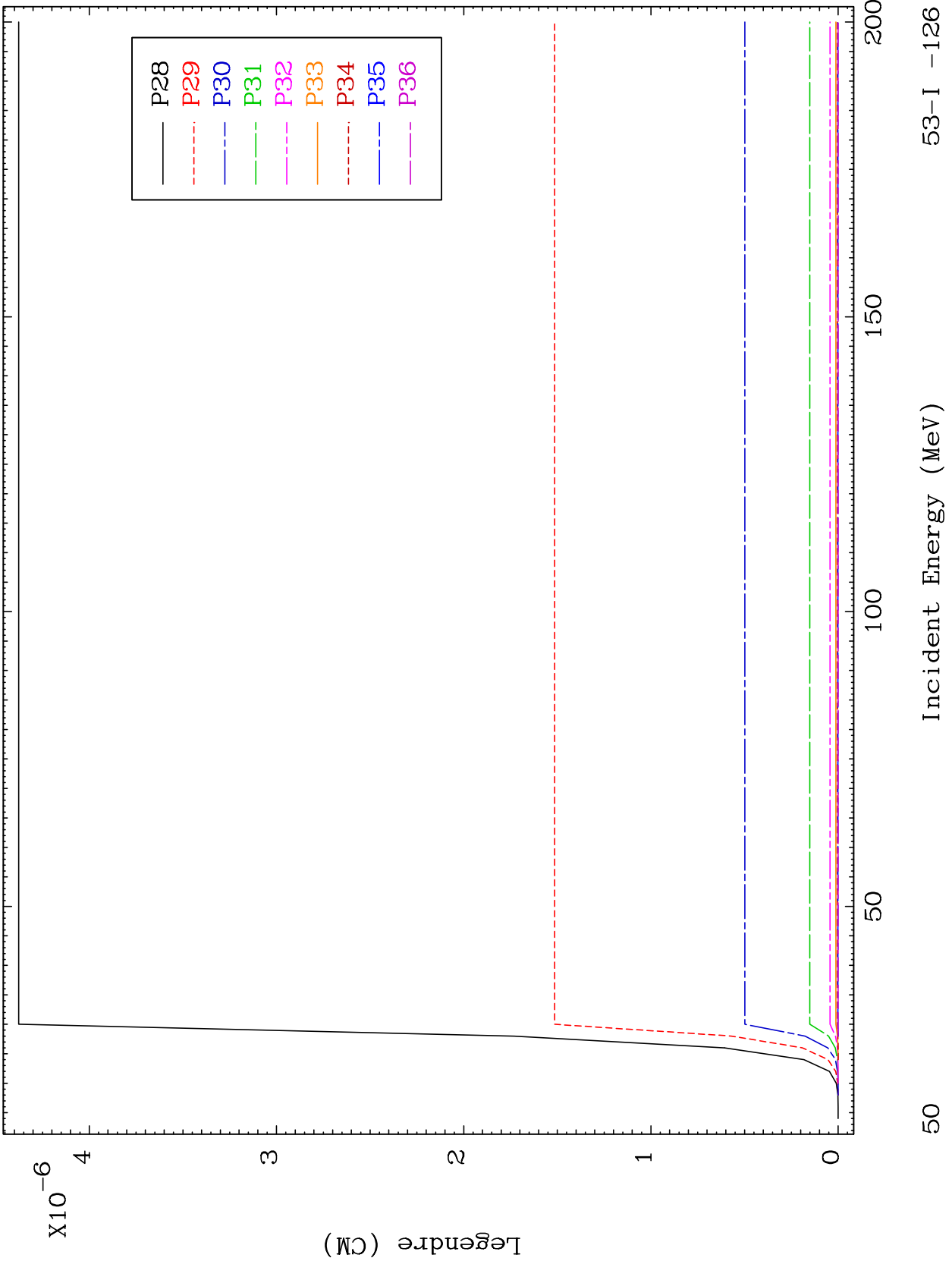


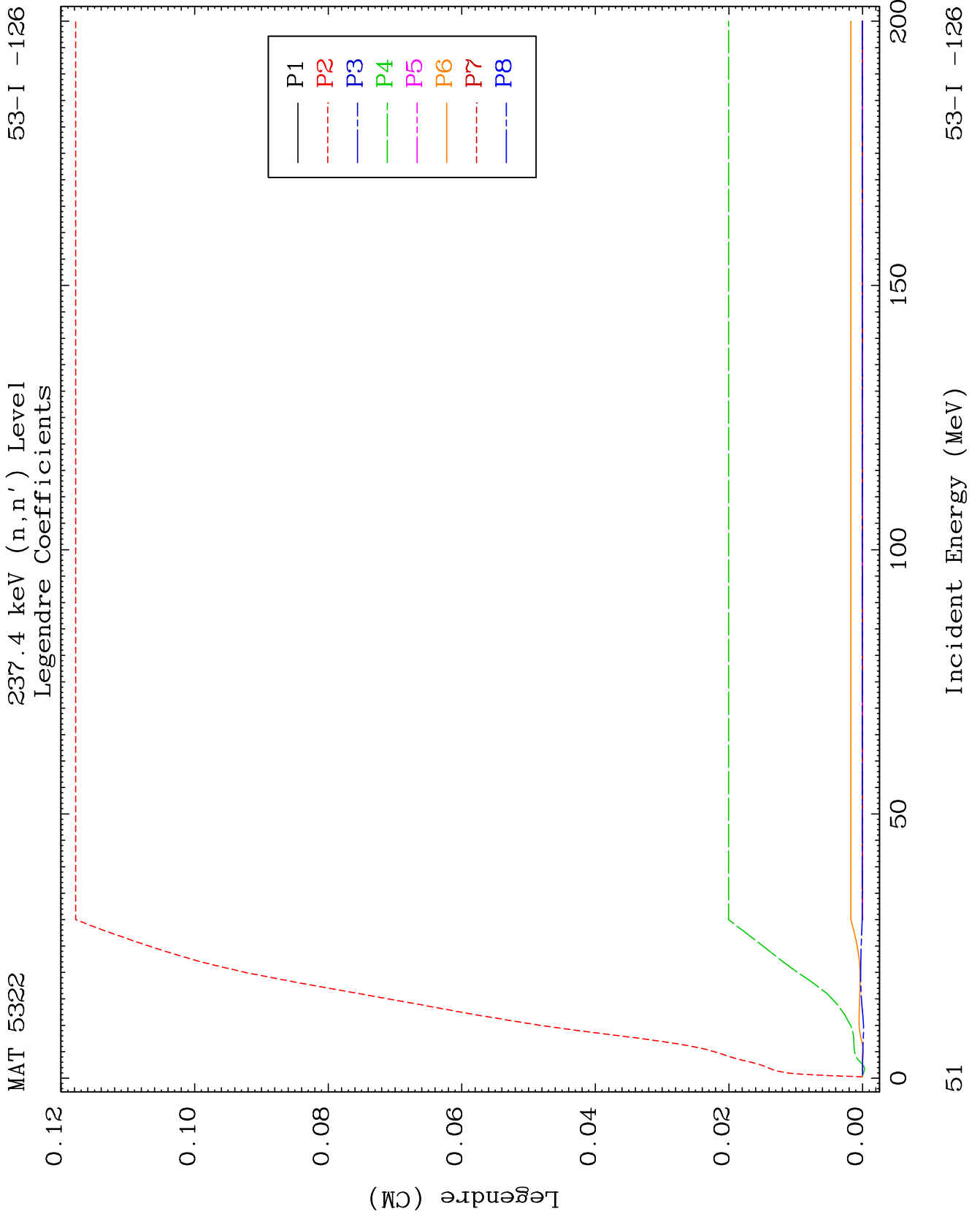


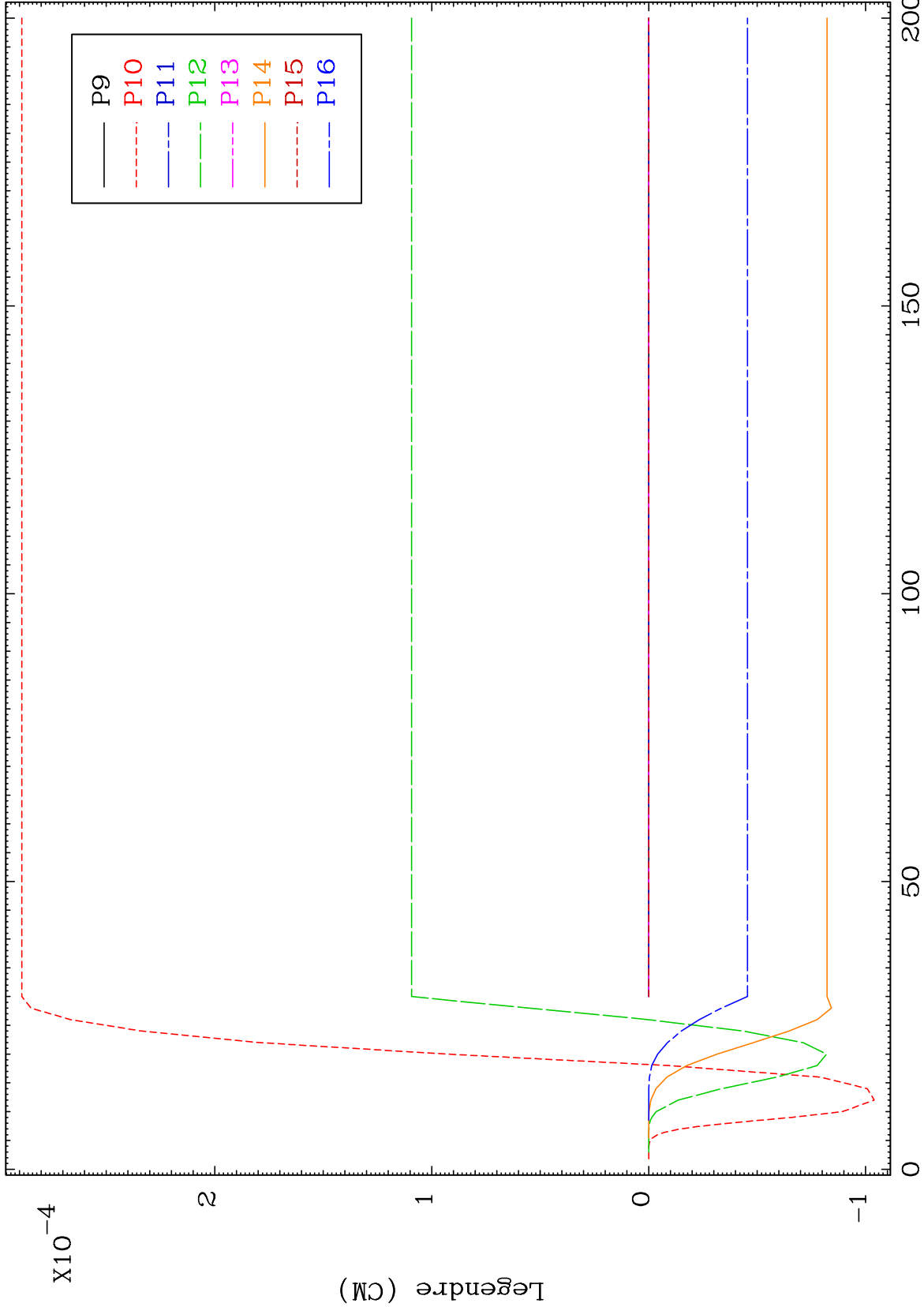
MAT 5322

227.8 keV (n,n') Level  
Legendre Coefficients

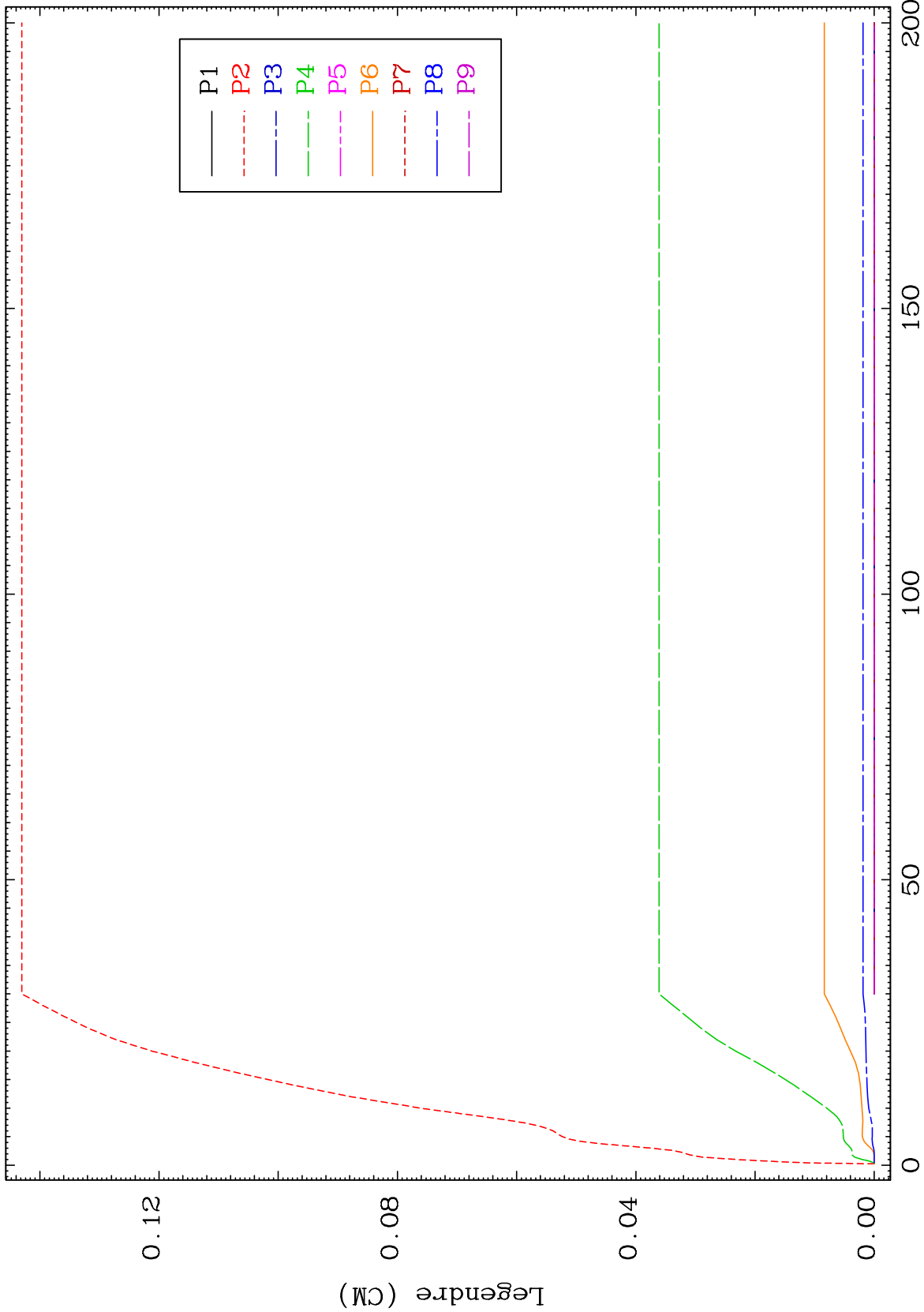
53-I -126

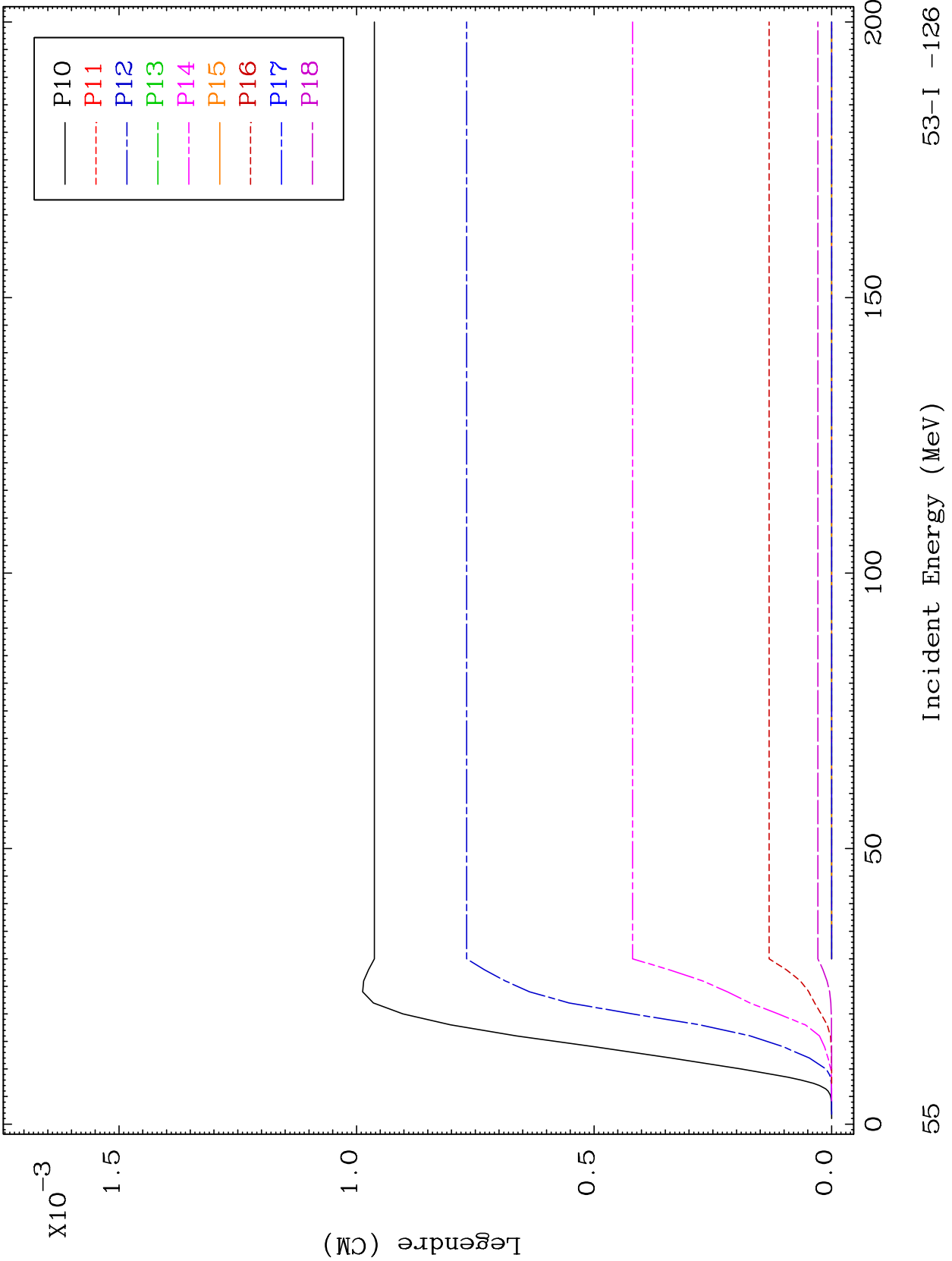




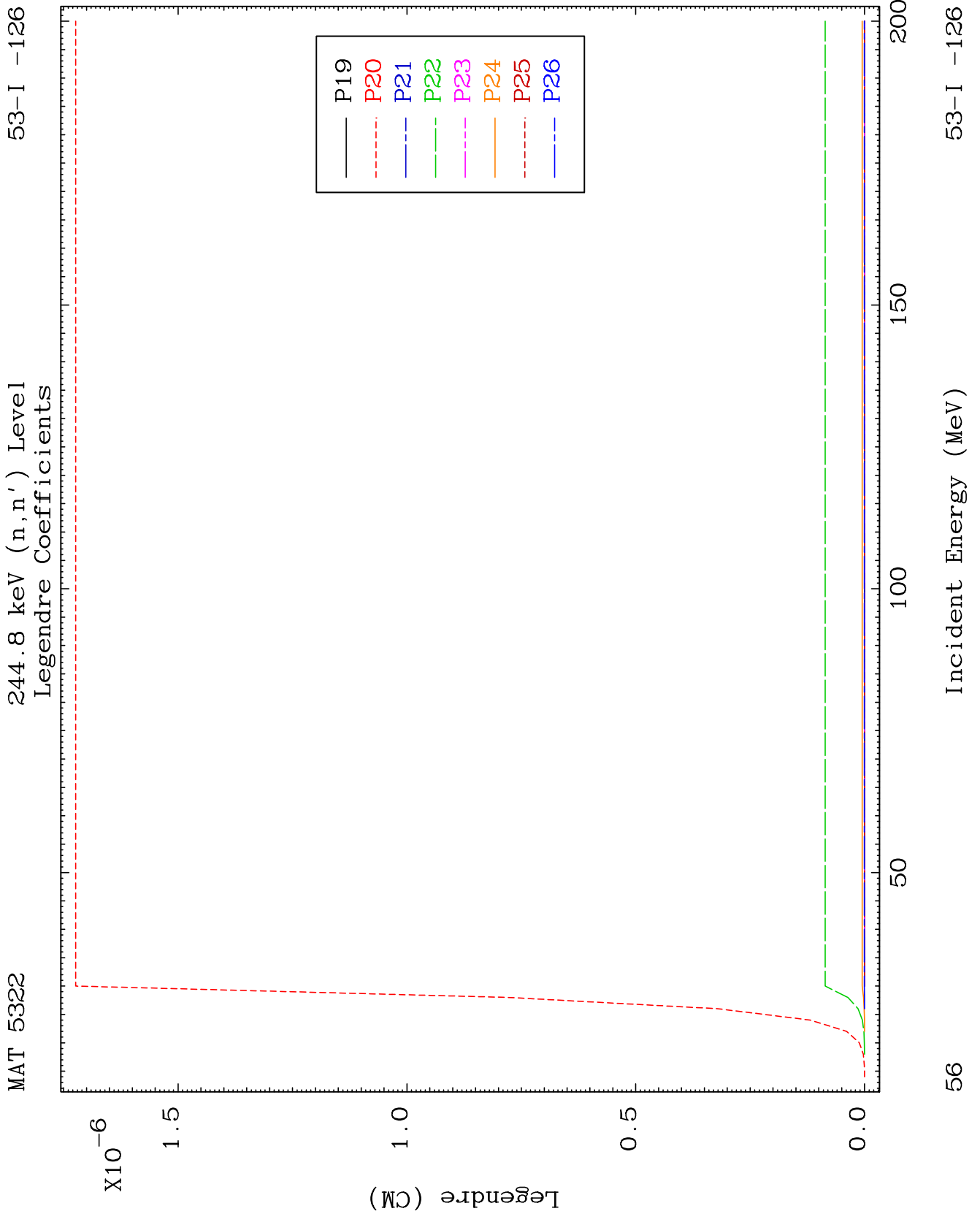


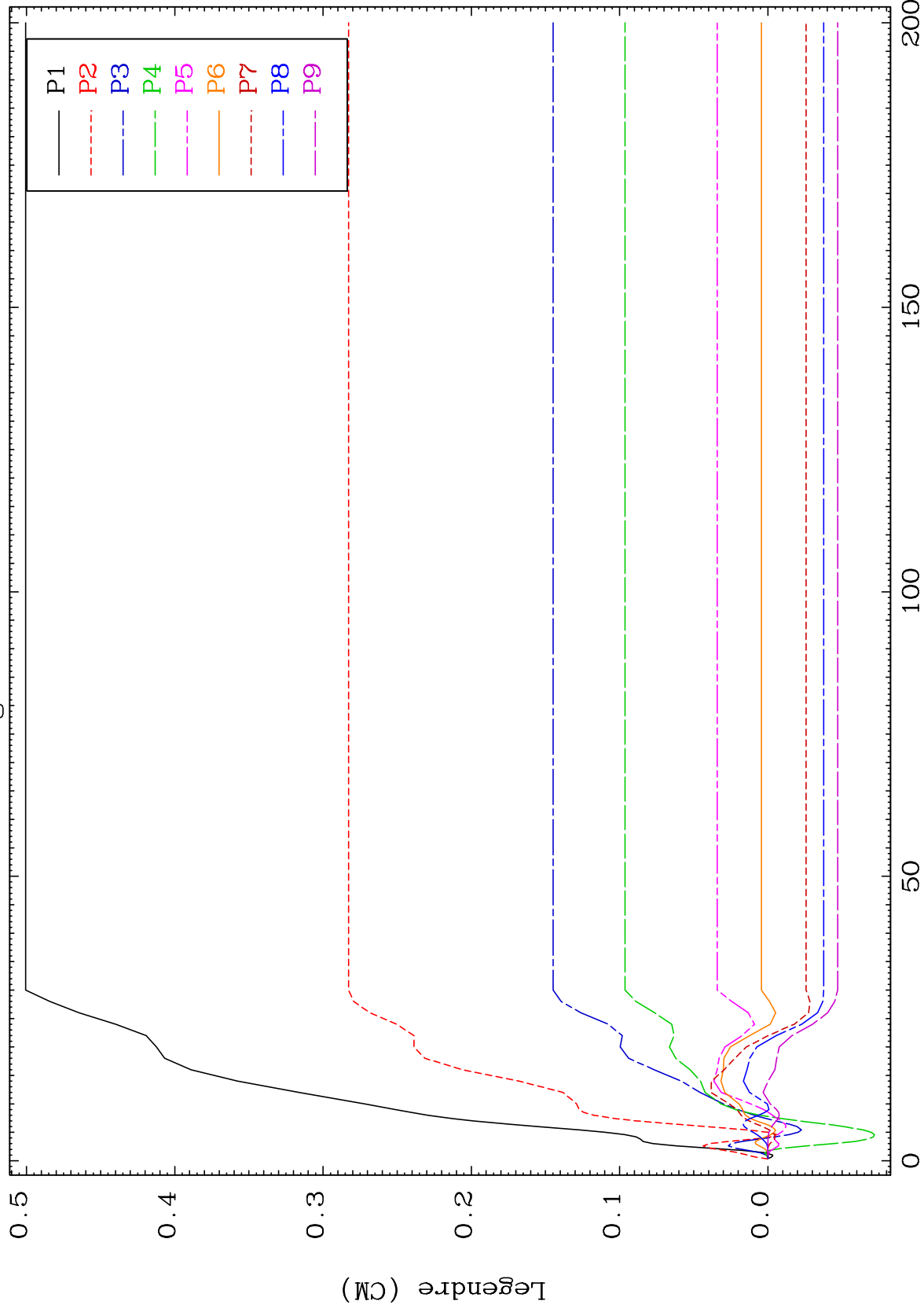


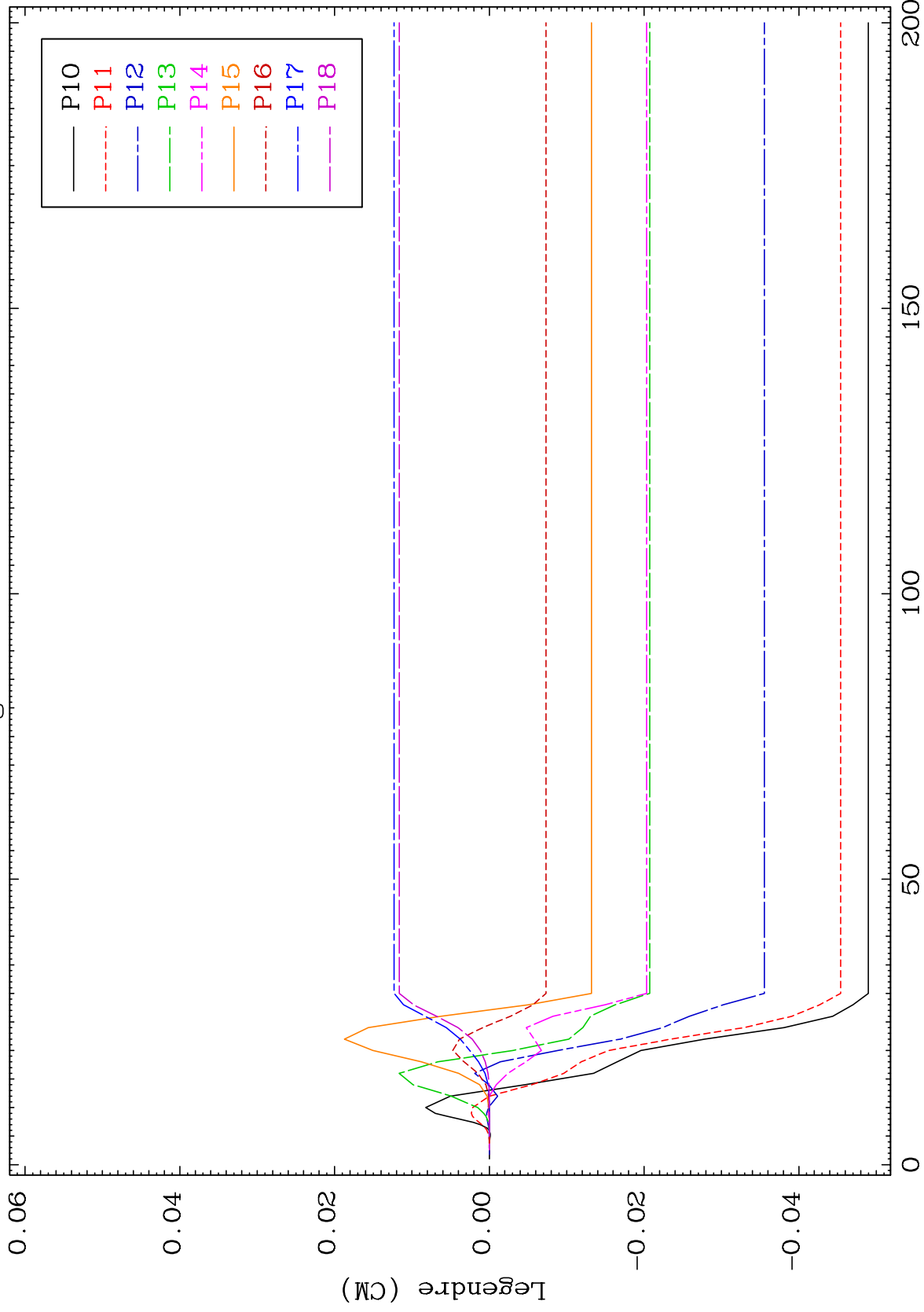


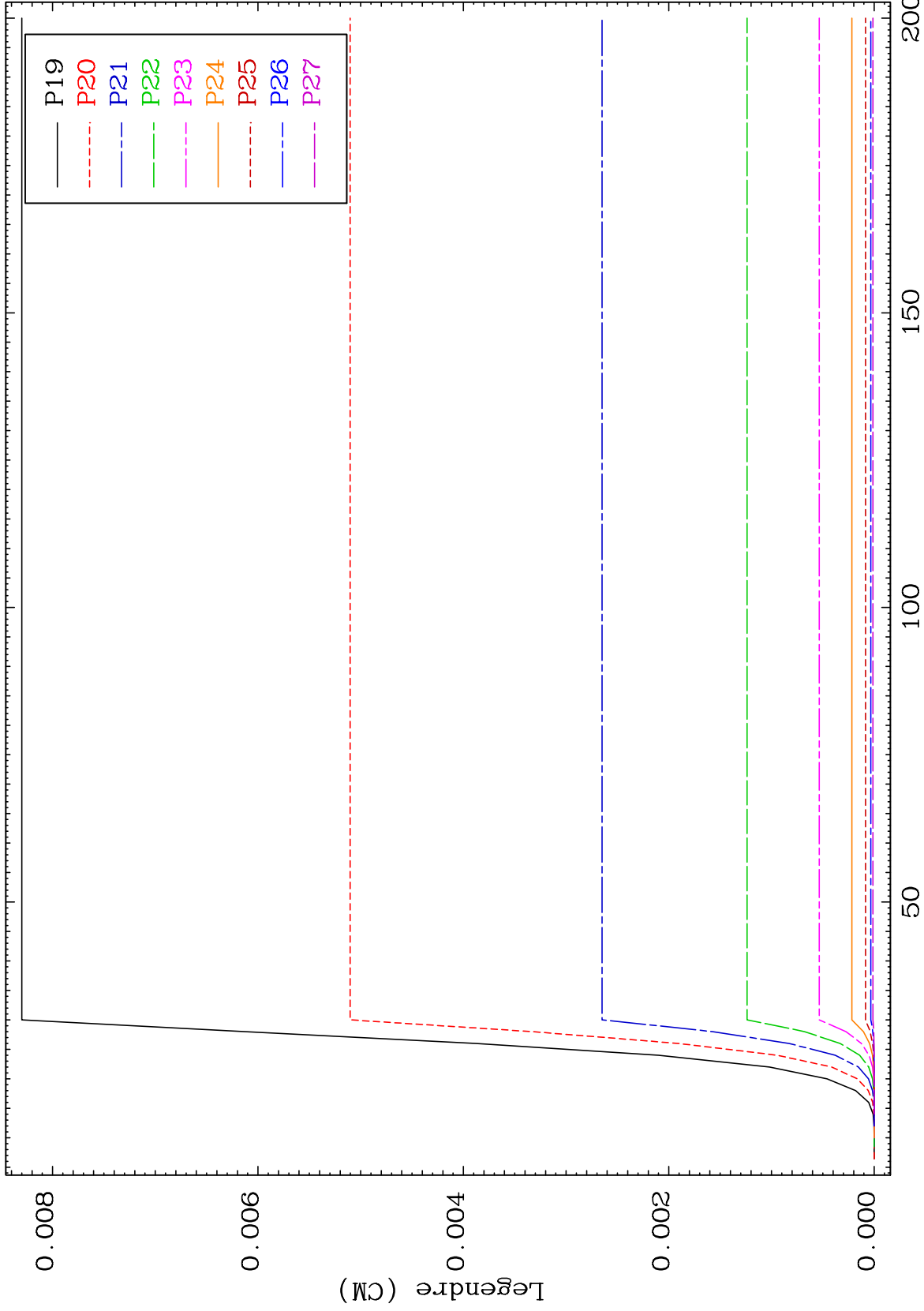








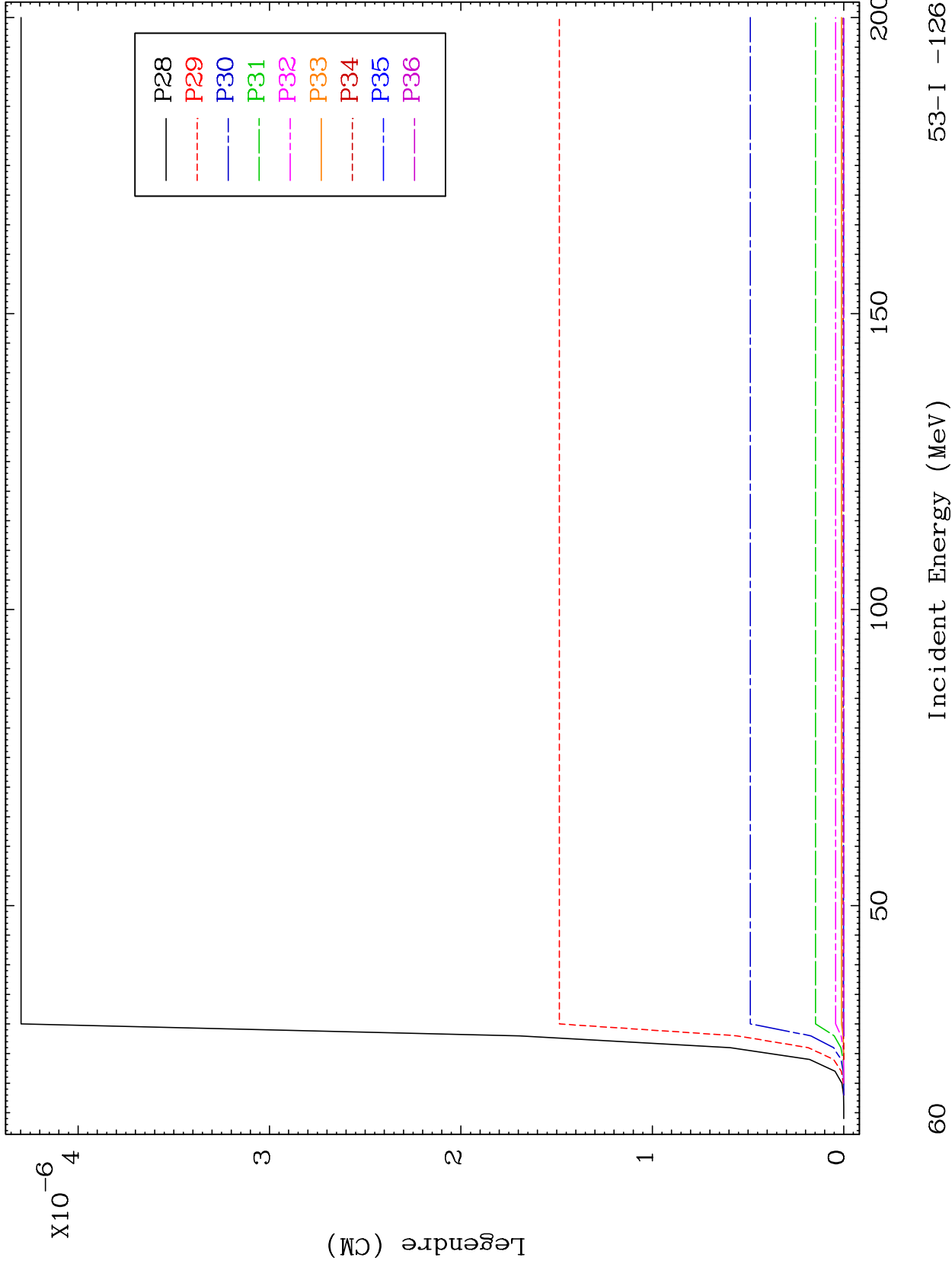




MAT 5322

311.3 keV (n,n') Level  
Legendre Coefficients

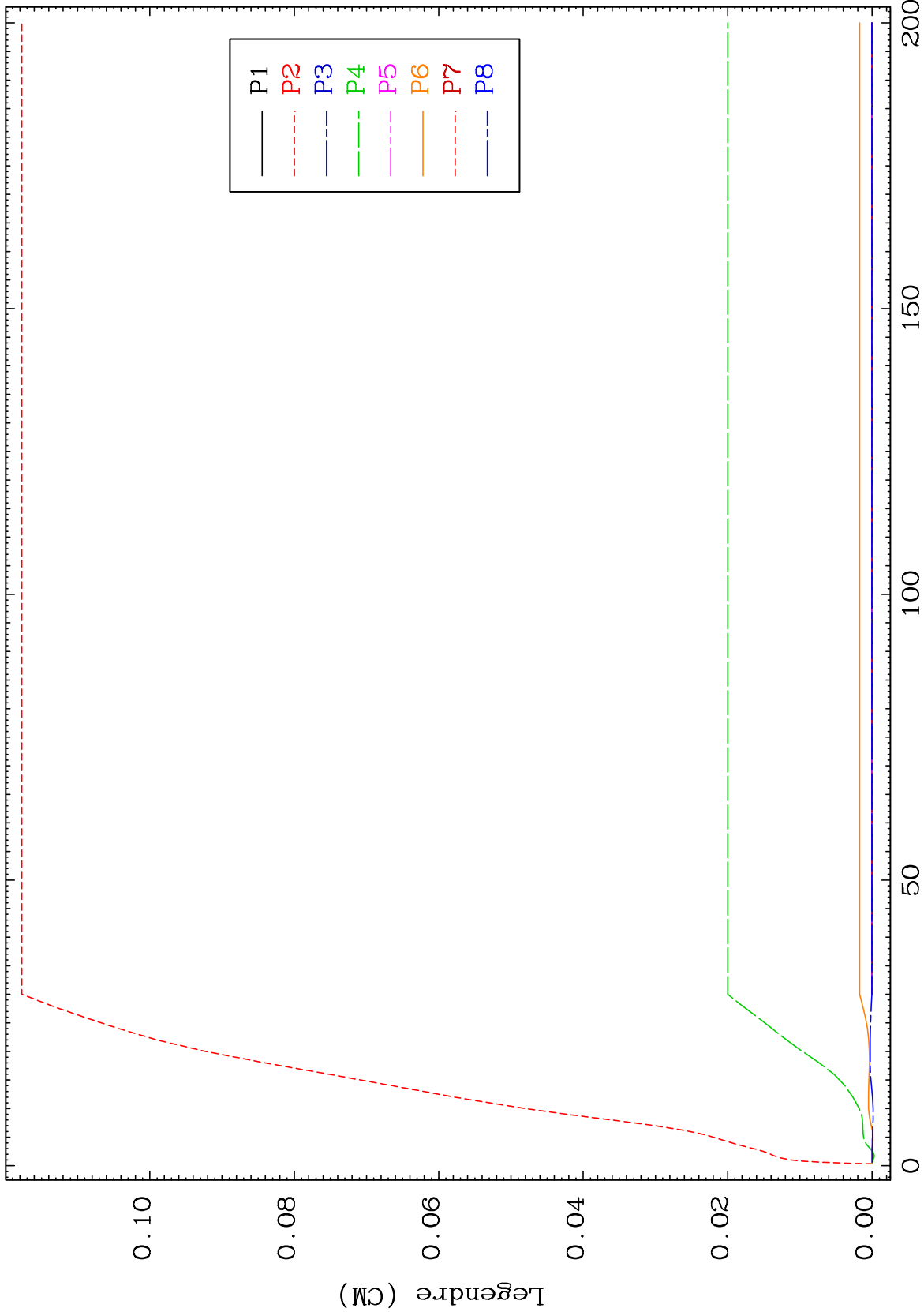
53-I -126



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Incident Energy (MeV)

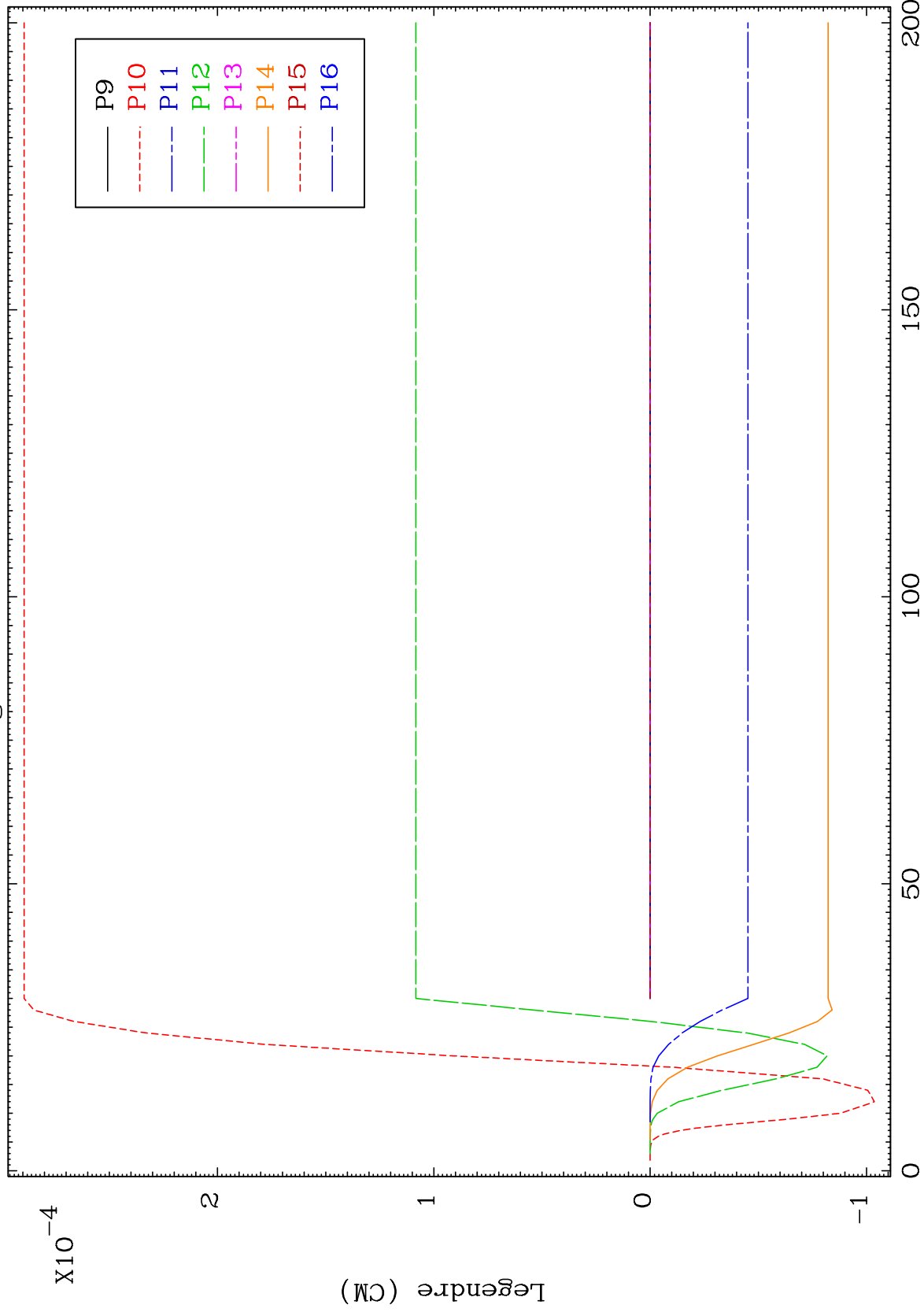
53-I -126



MAT 5322

331.3 keV (n,n') Level  
Legendre Coefficients

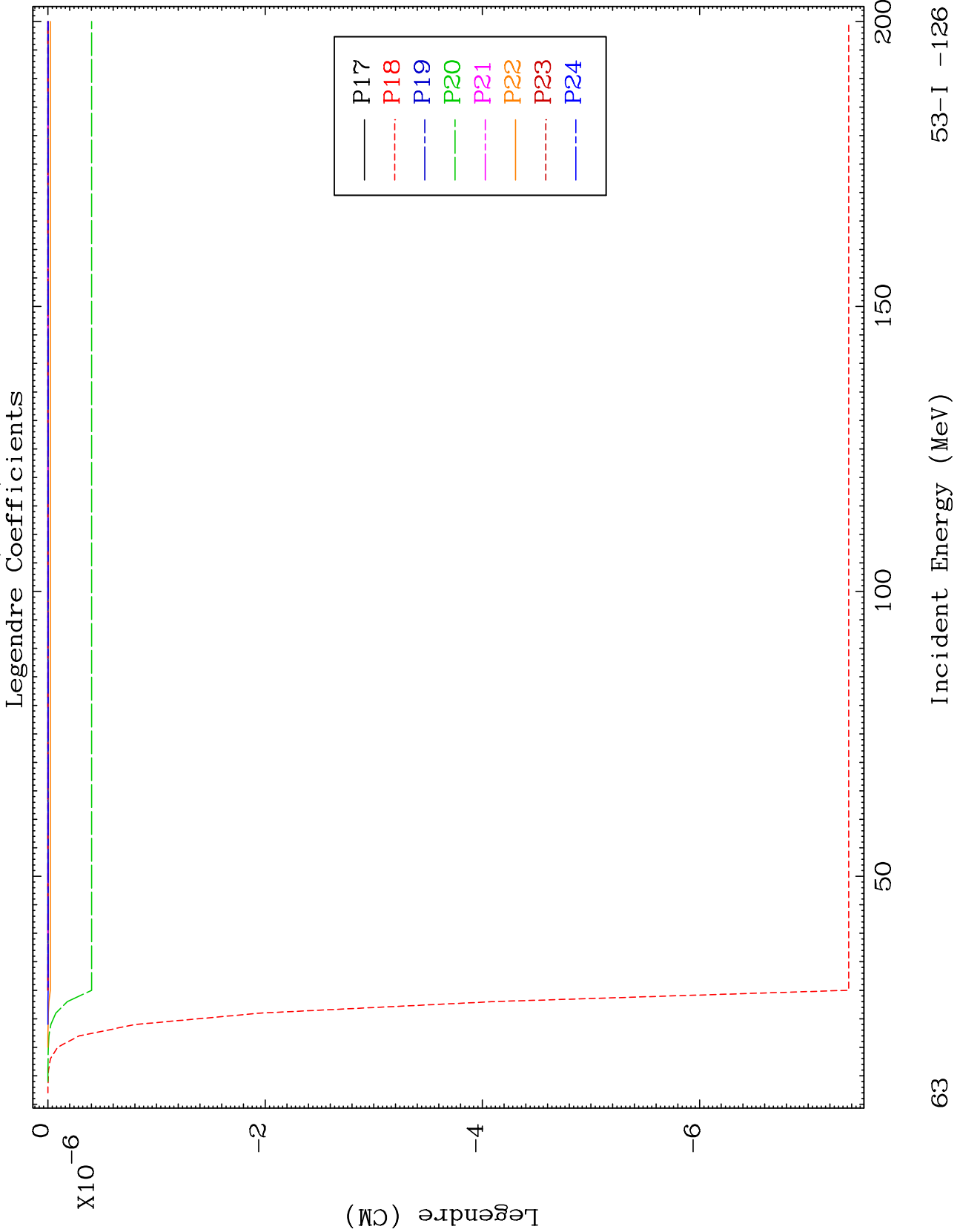
53-I -126



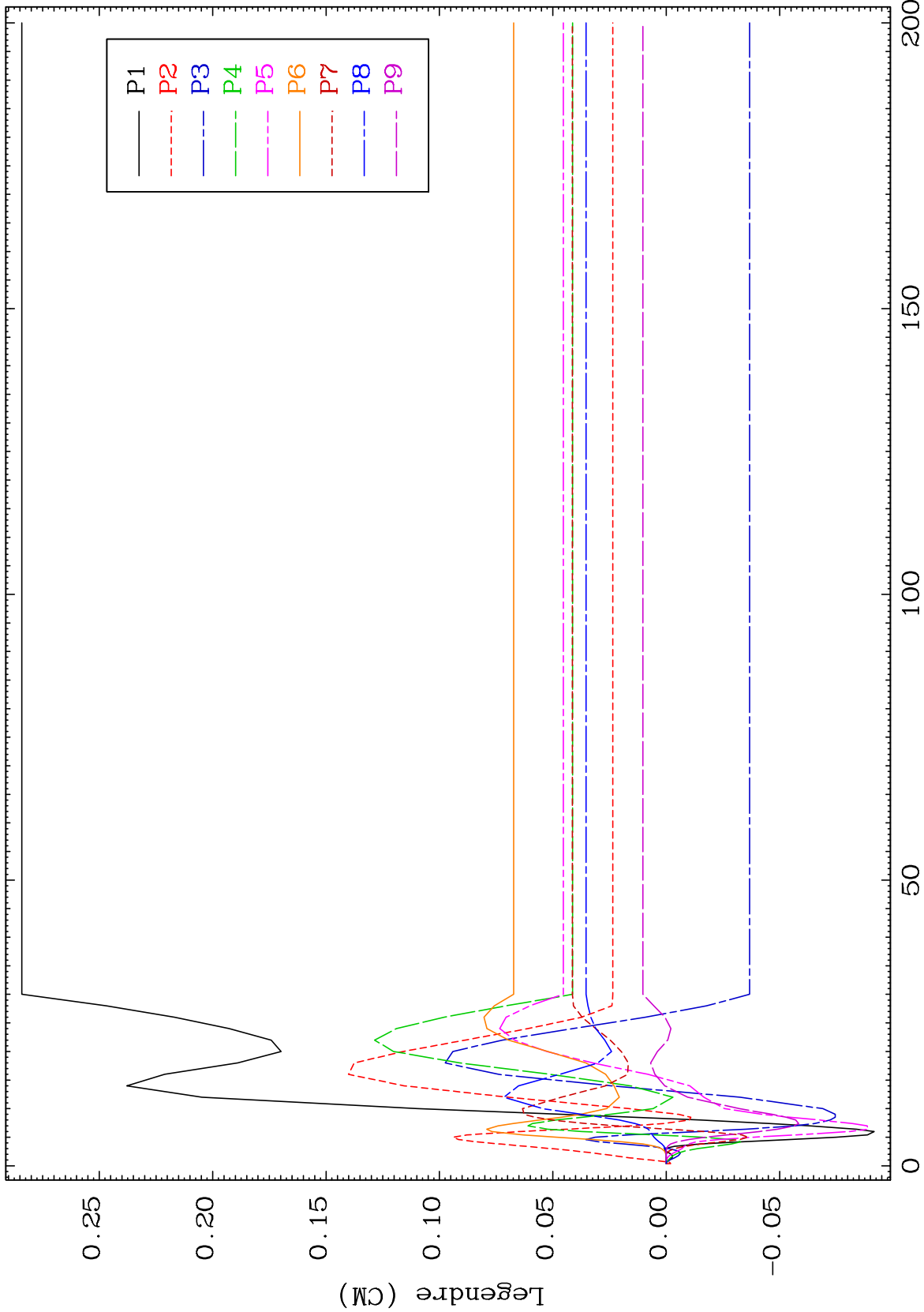
62

Incident Energy (MeV)

53-I -126



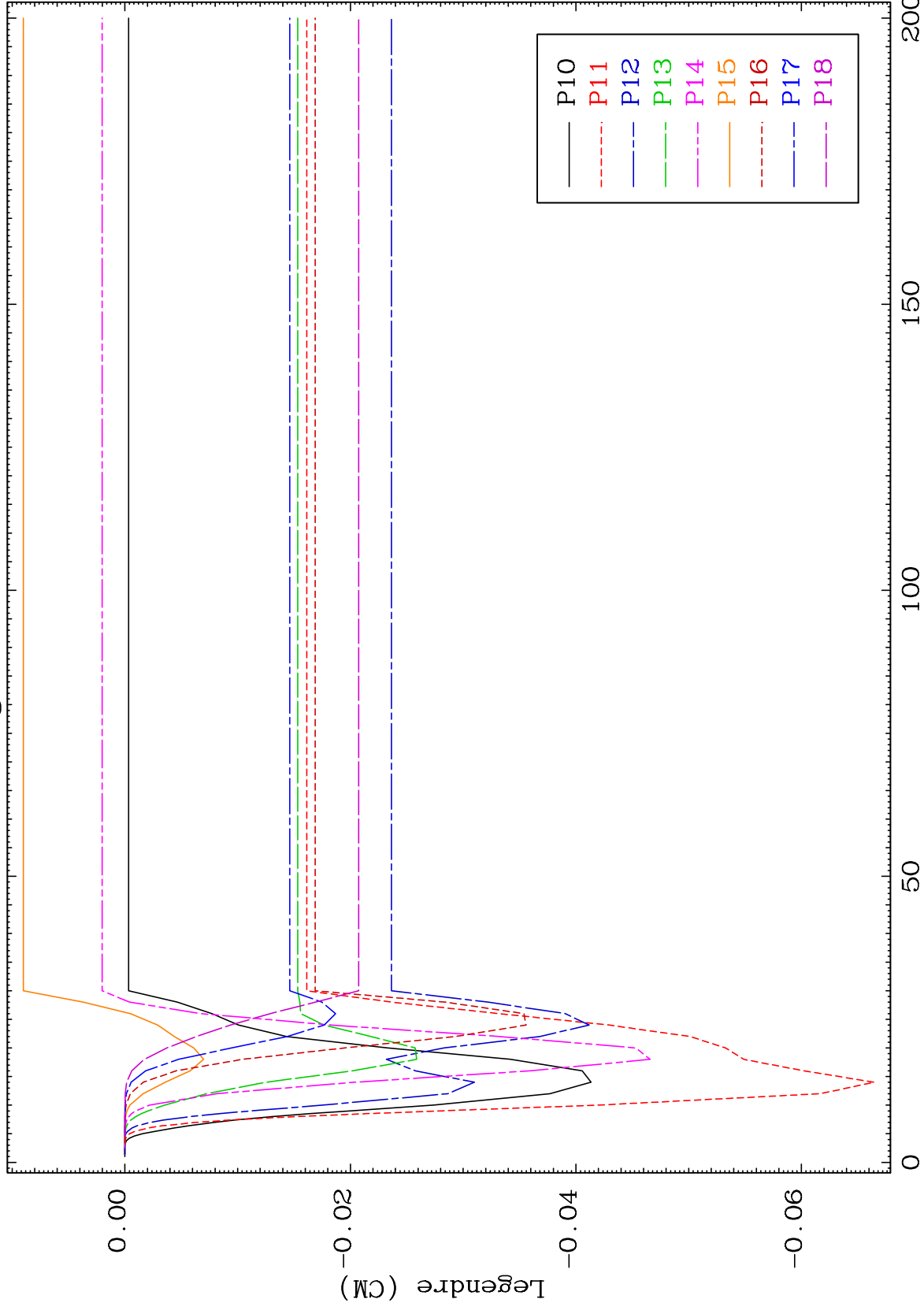




MAT 5322

338.5 keV (n,n') Level  
Legendre Coefficients

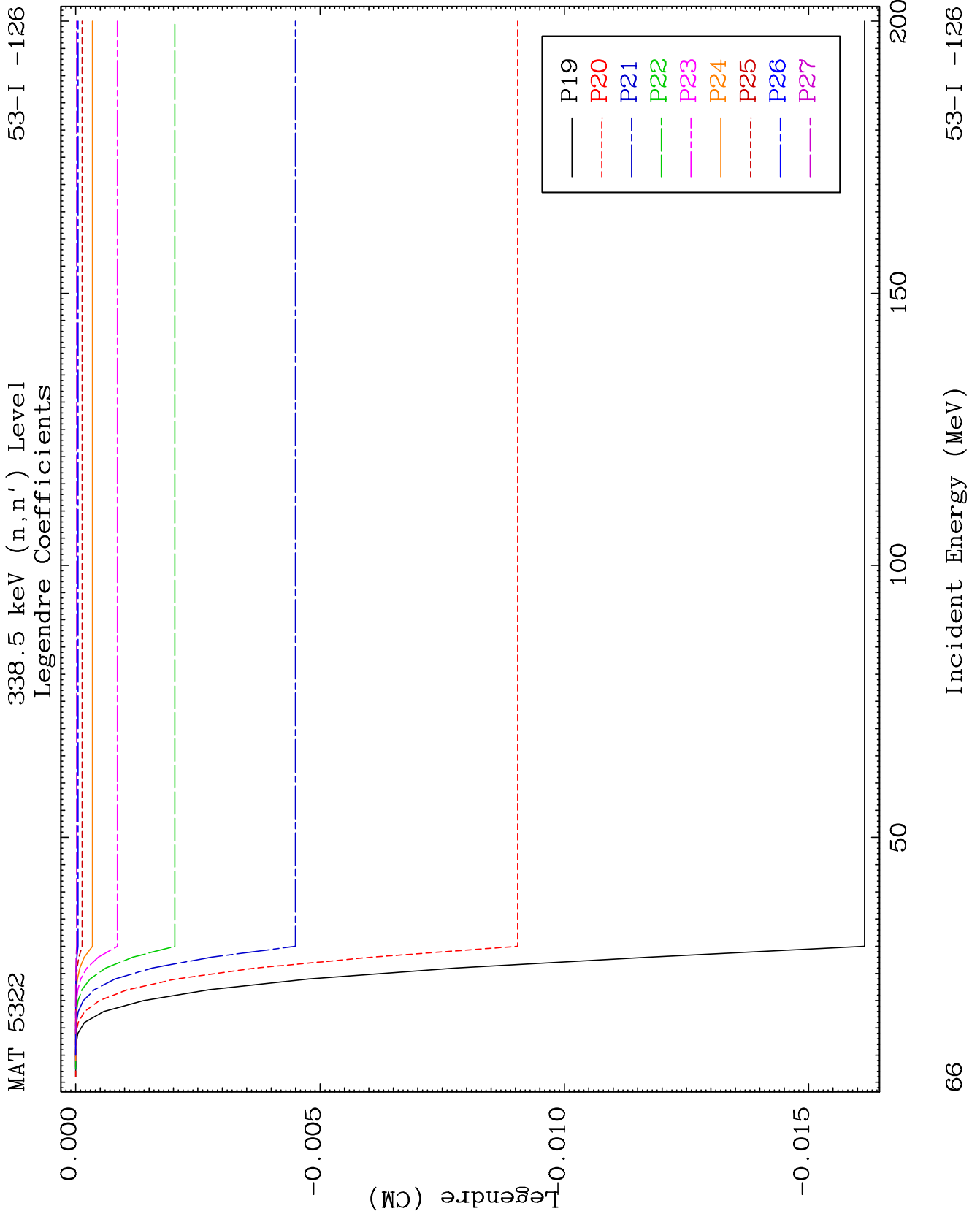
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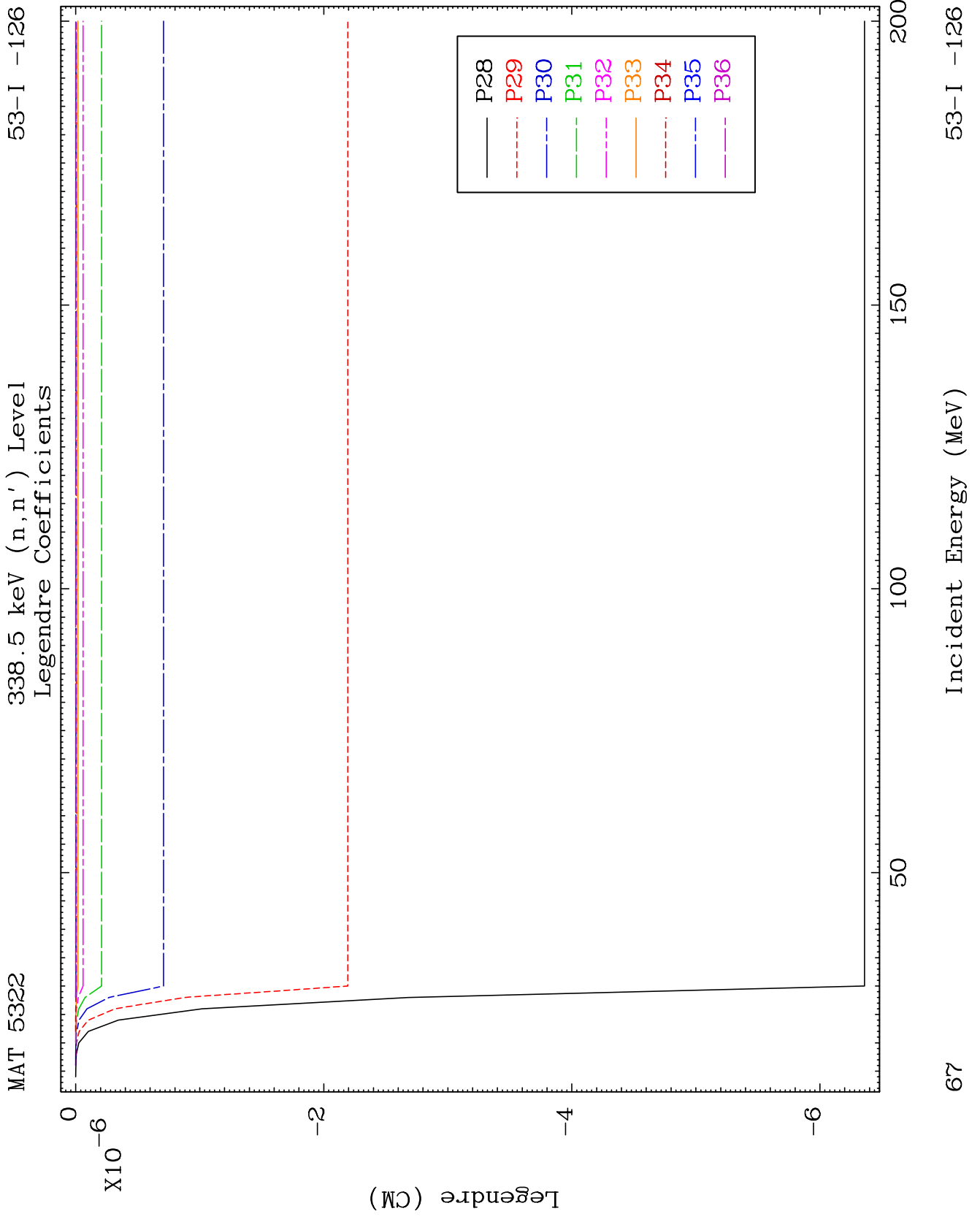


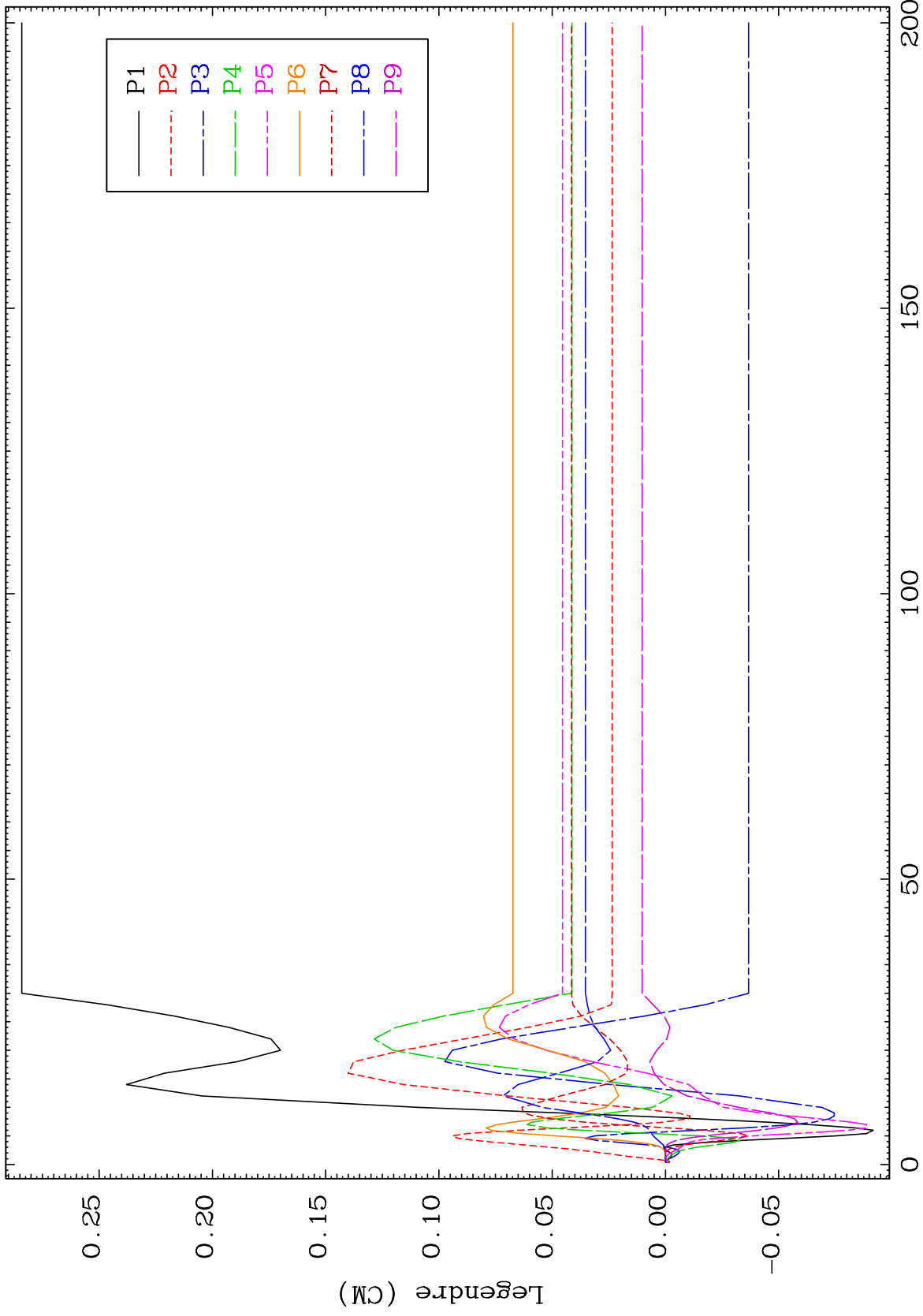
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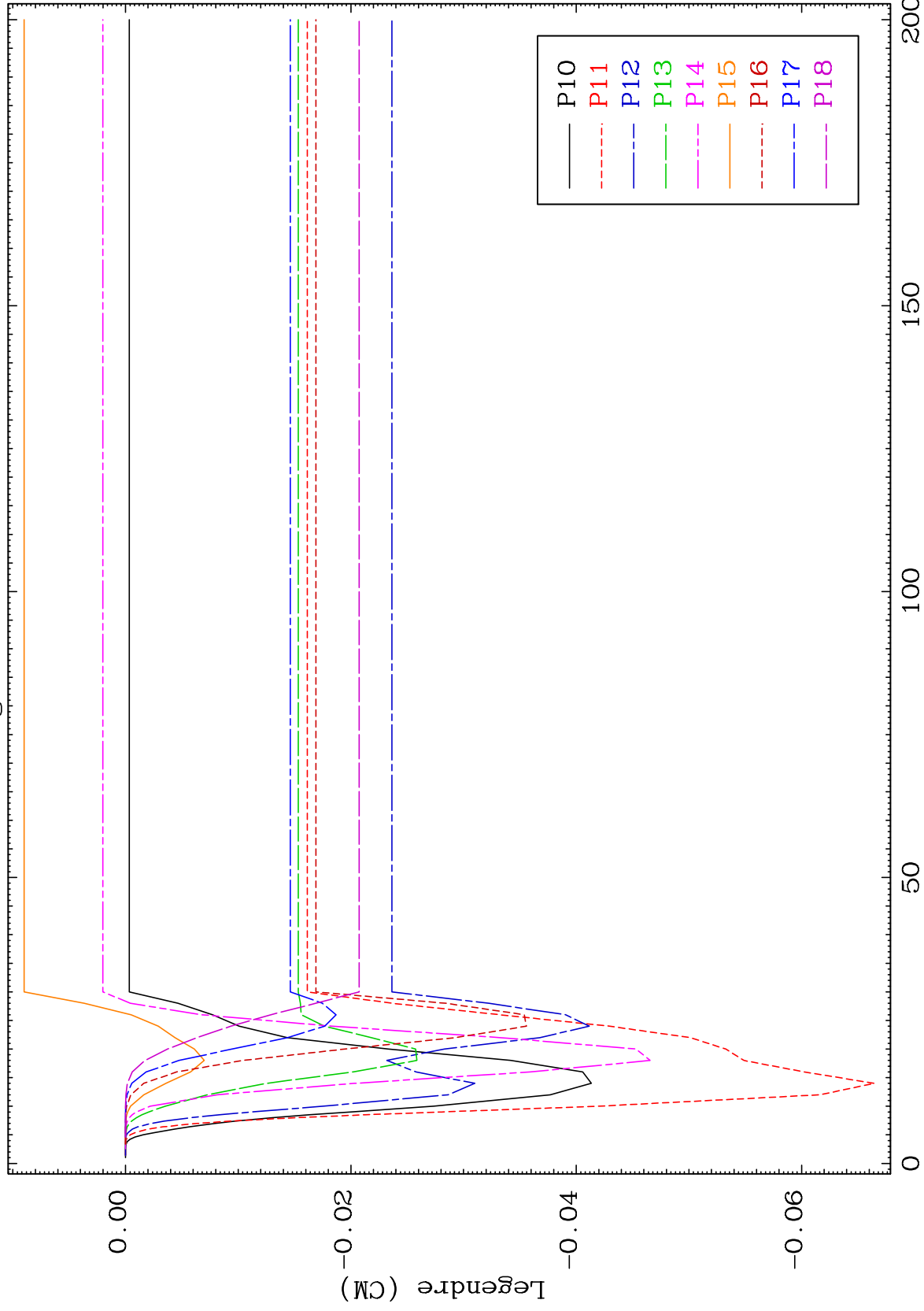
Incident Energy (MeV)

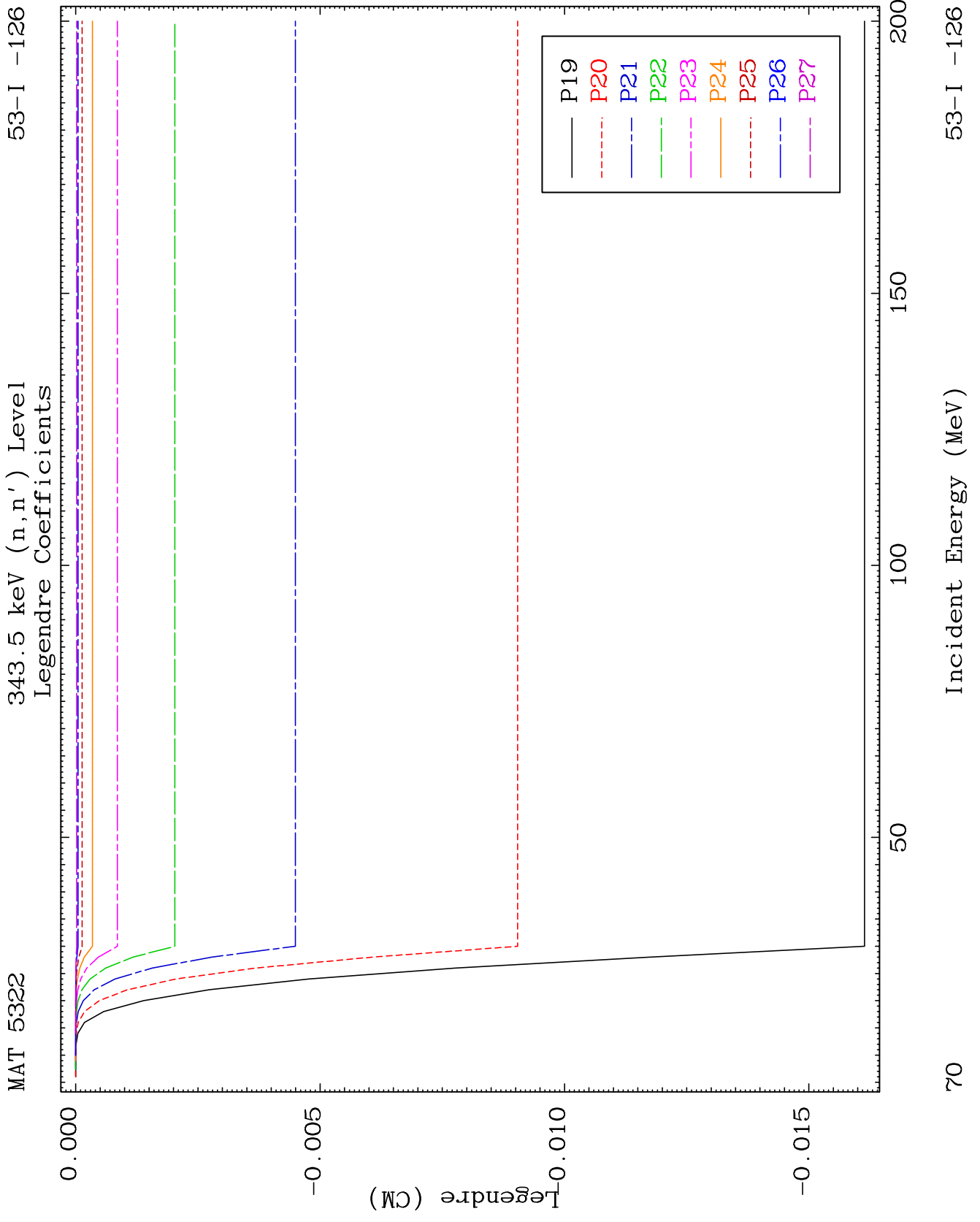
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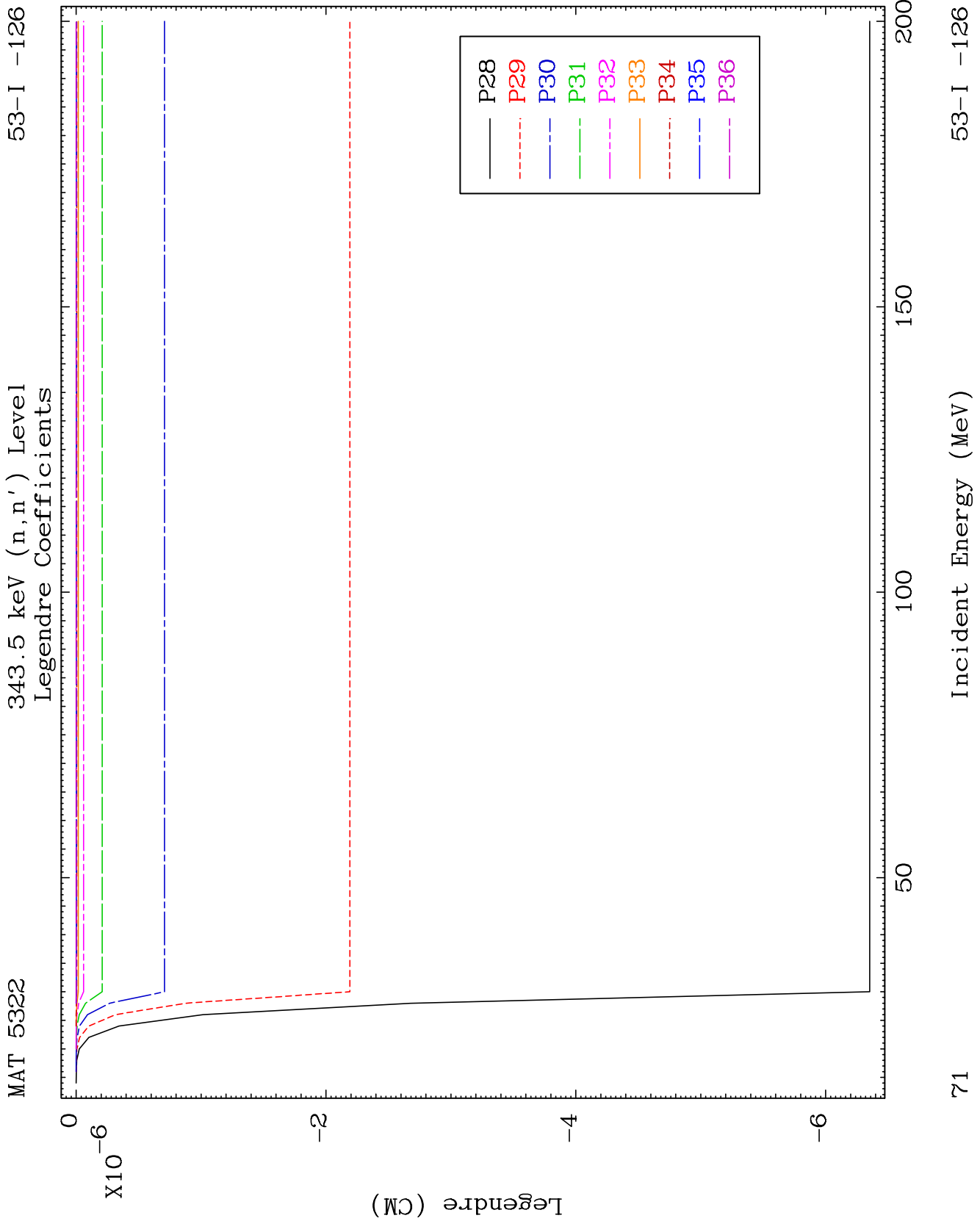




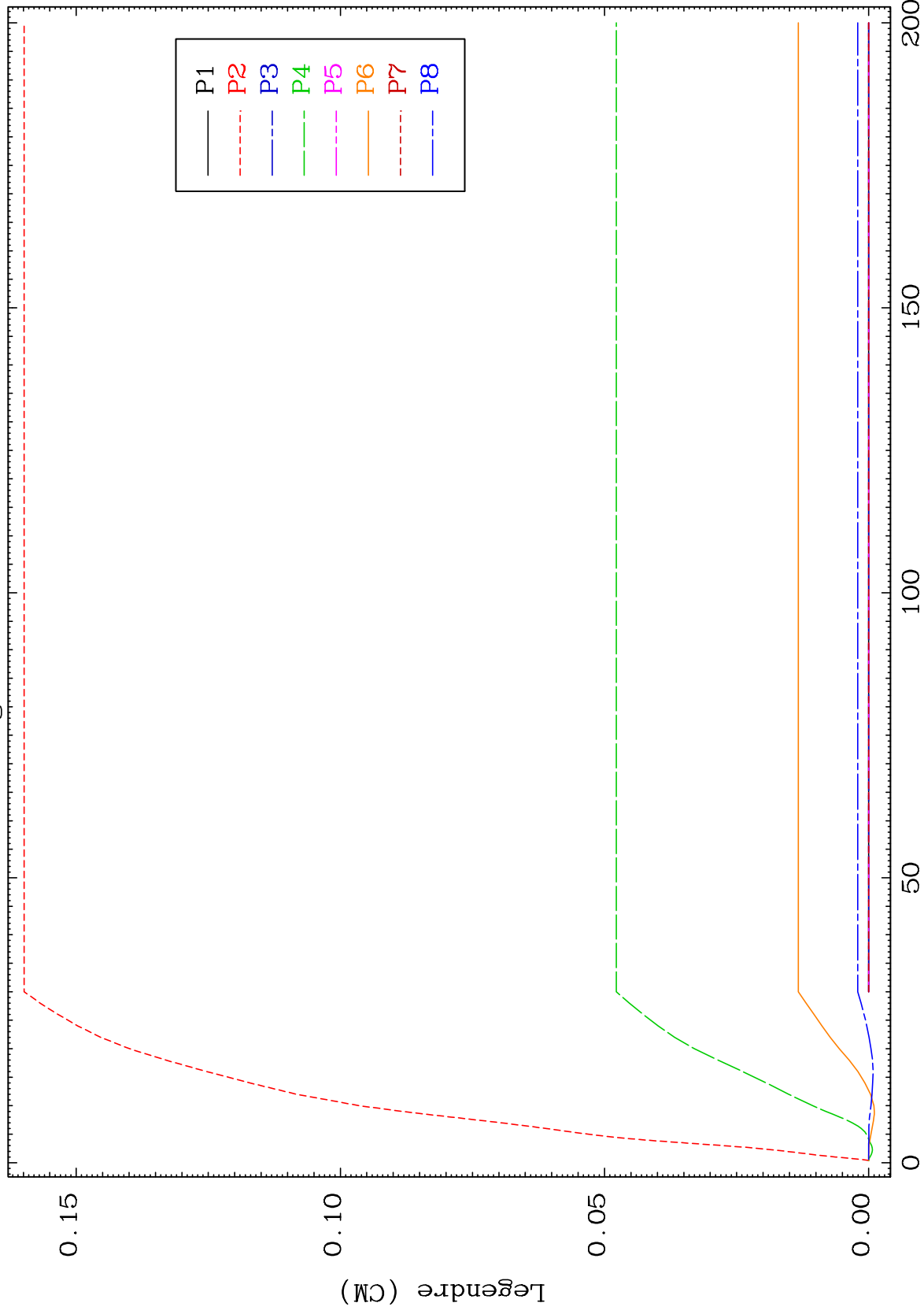




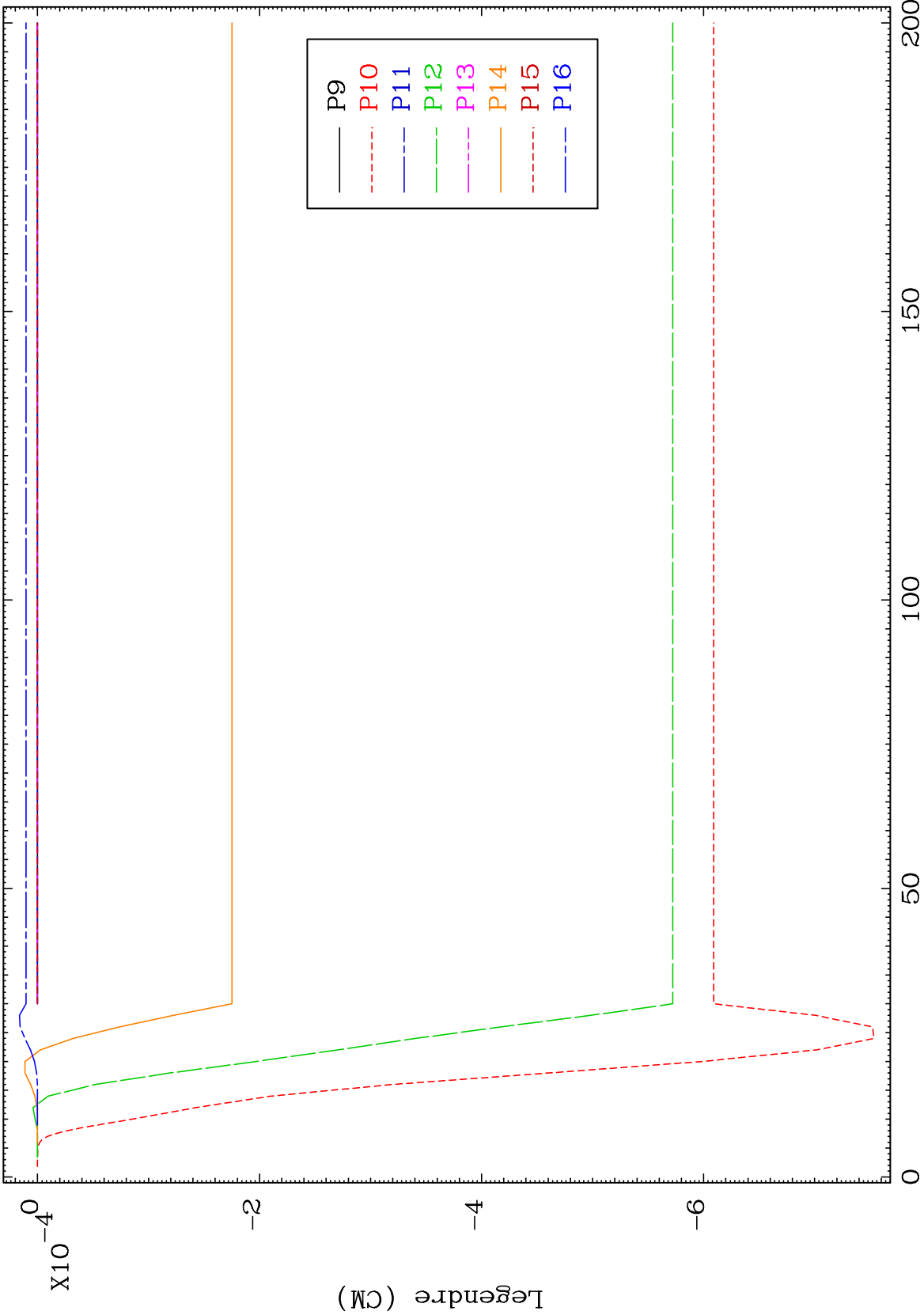








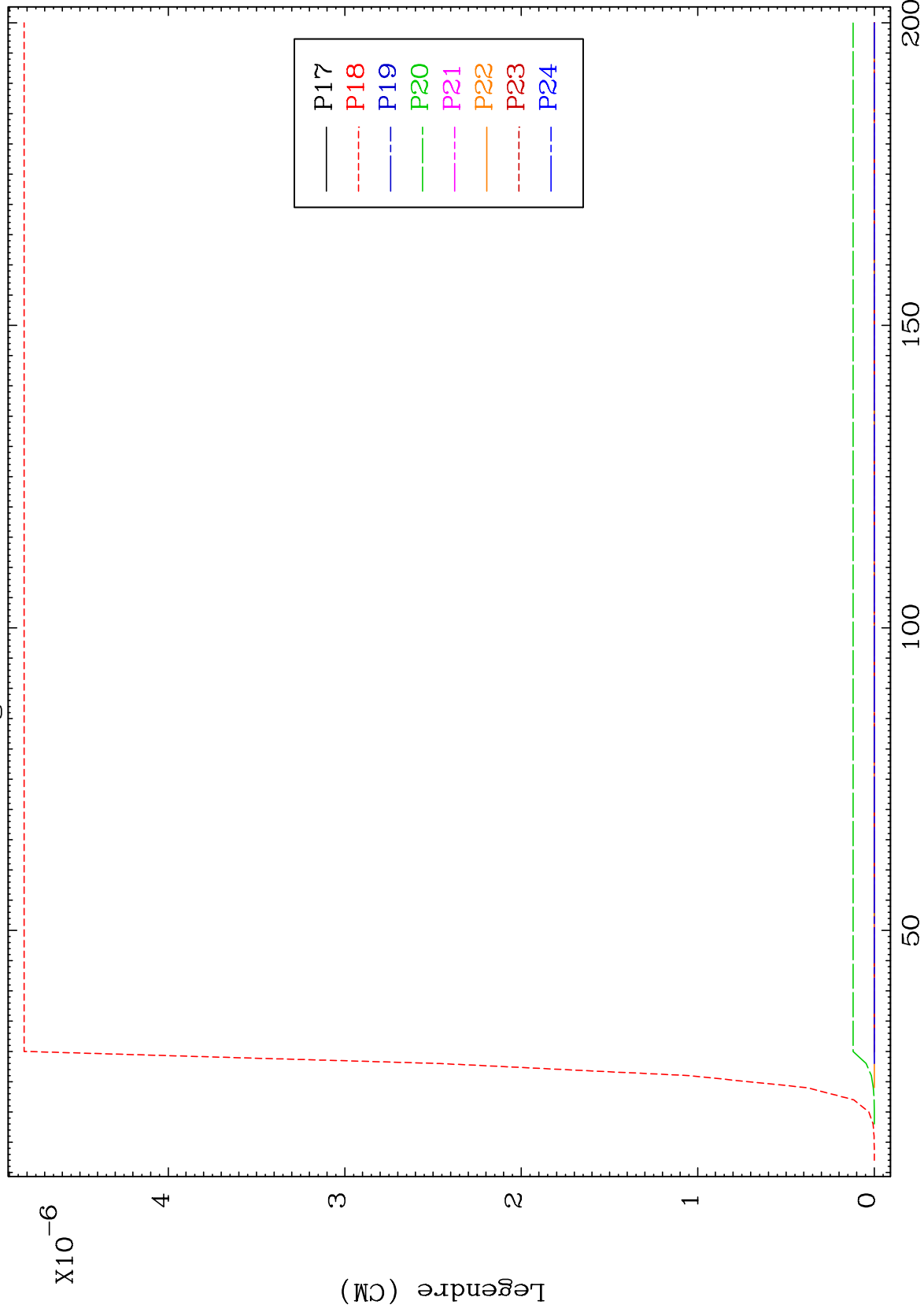
Legendre Coefficients



MAT 5322

348.4 keV (n,n') Level  
Legendre Coefficients

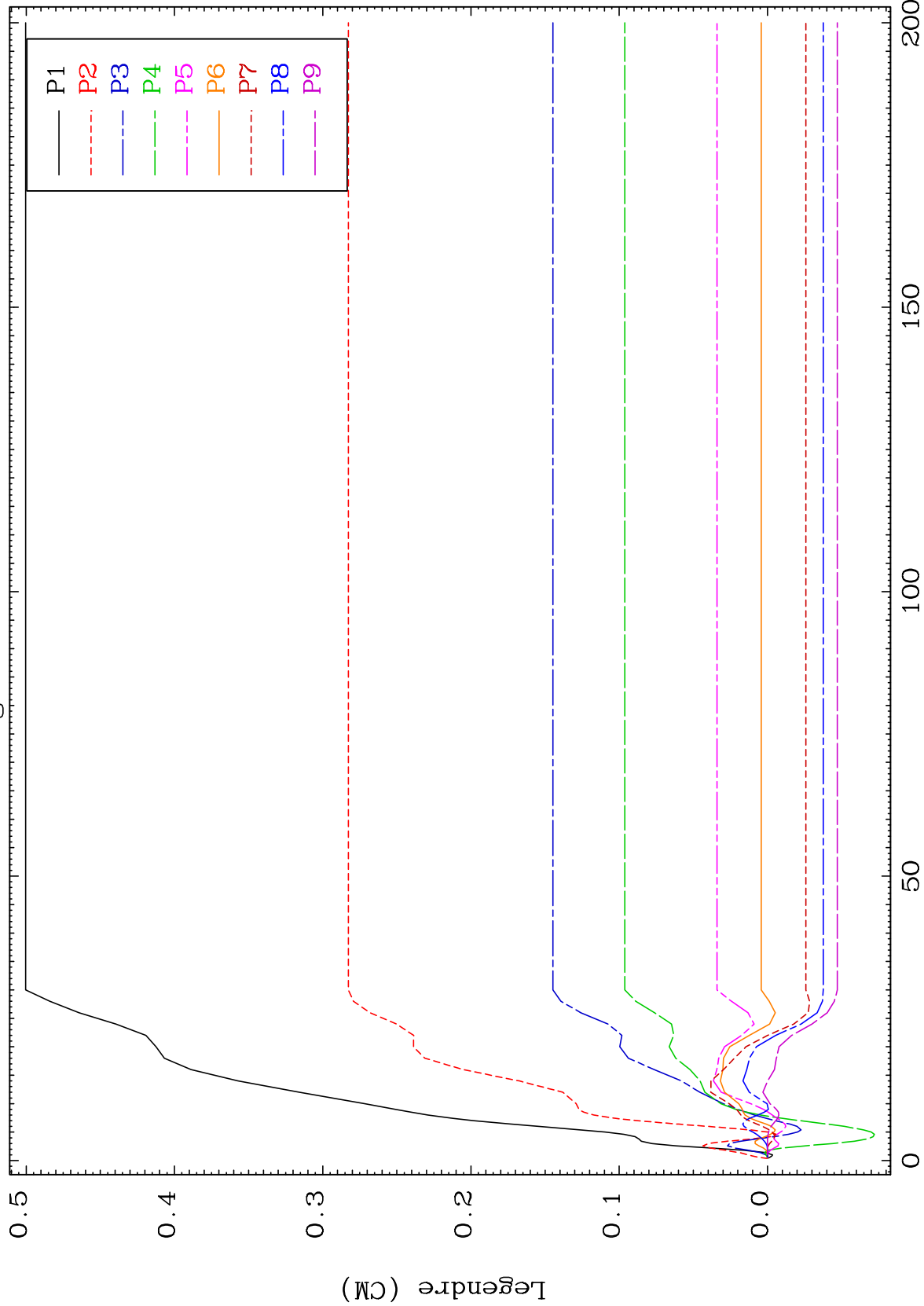
53-I -126

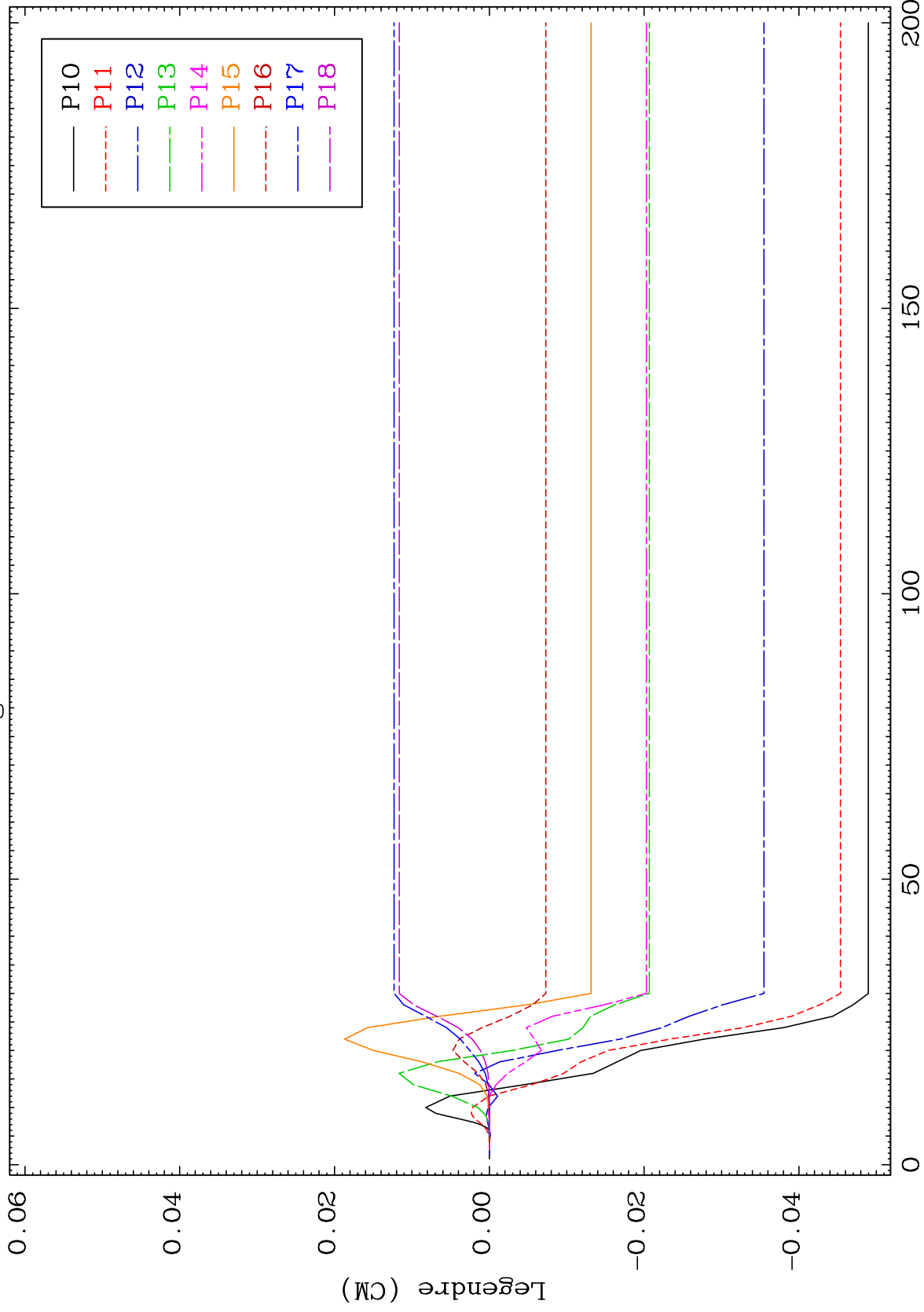


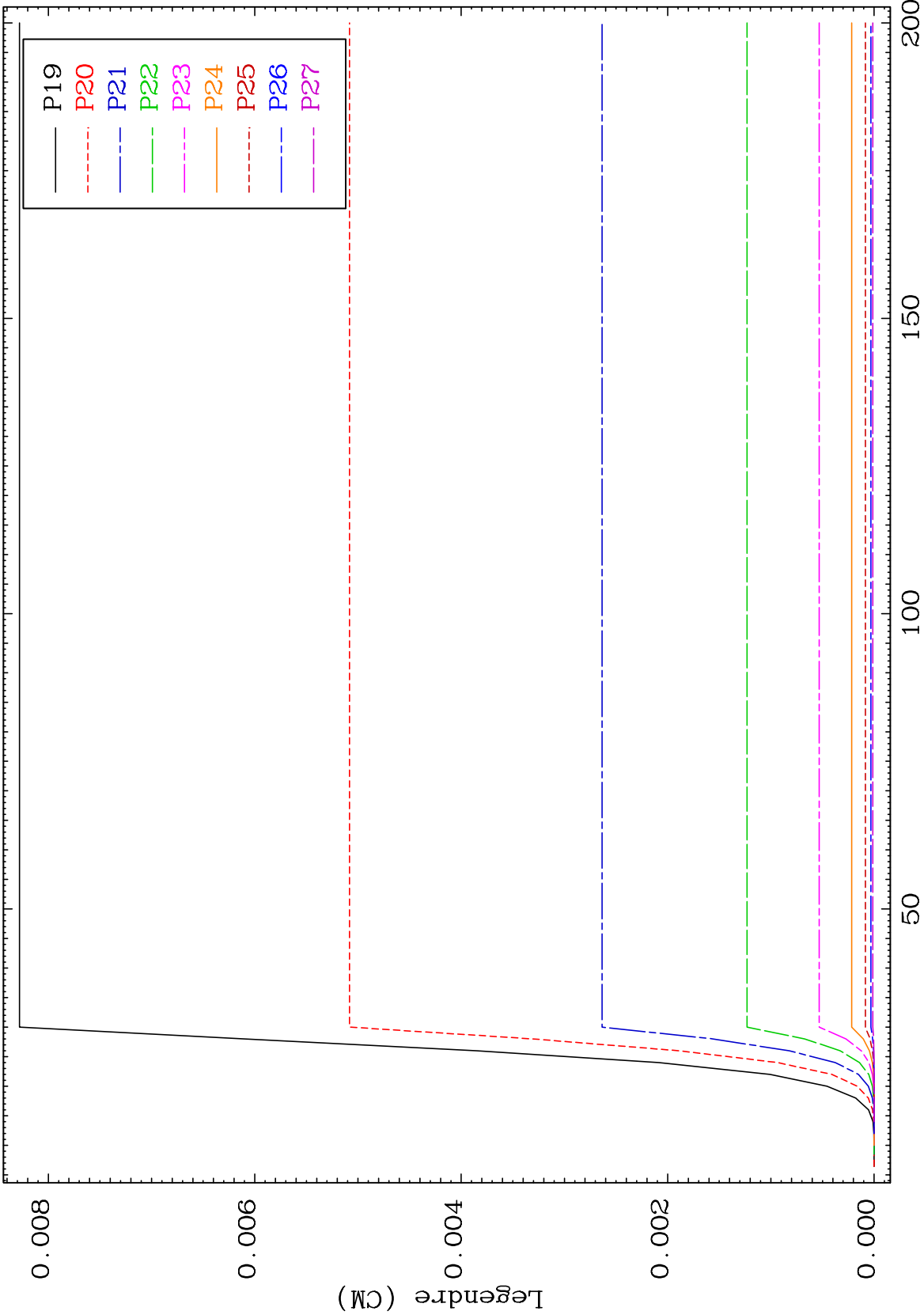
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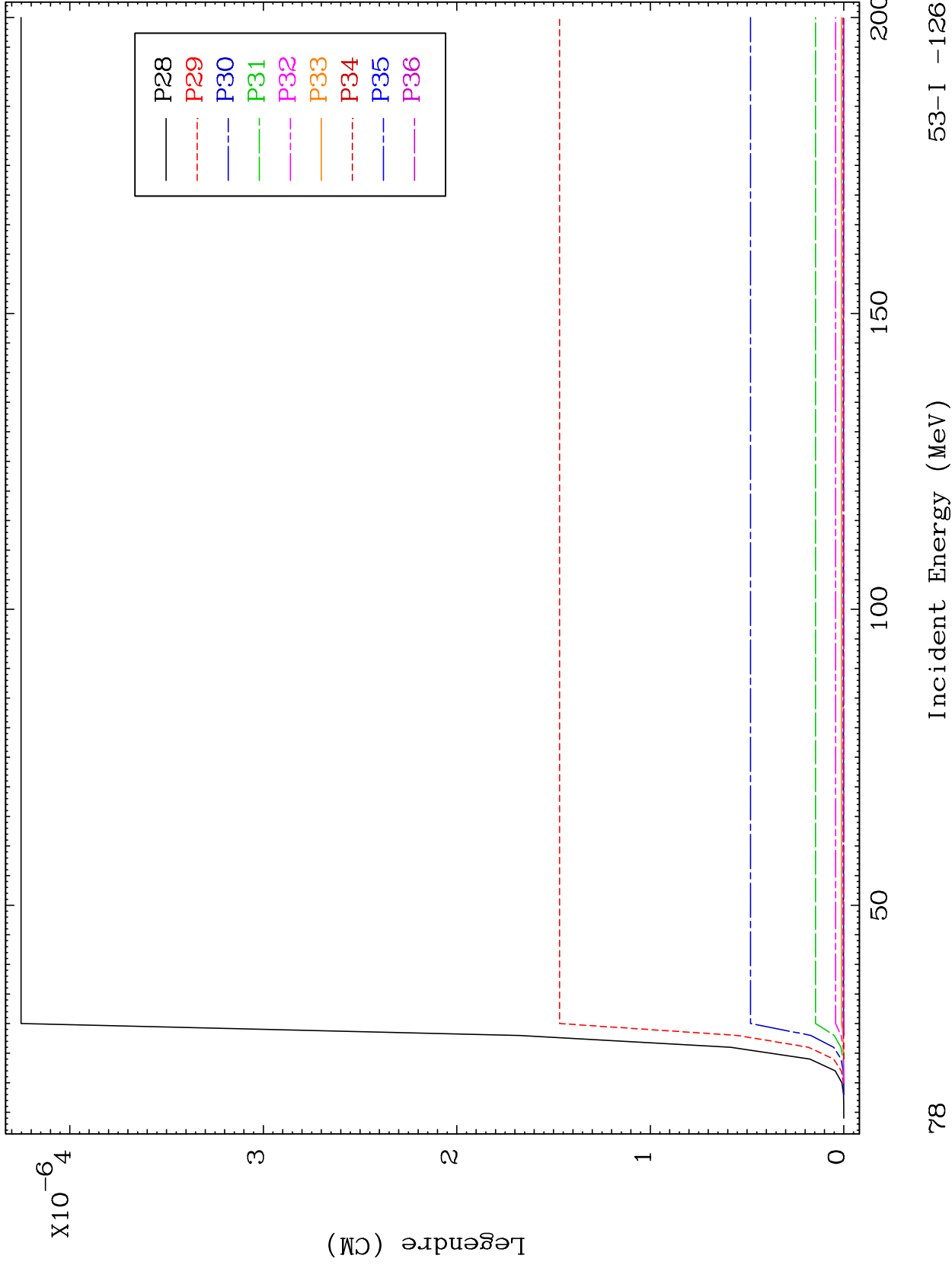
Incident Energy (MeV)

53-I -126





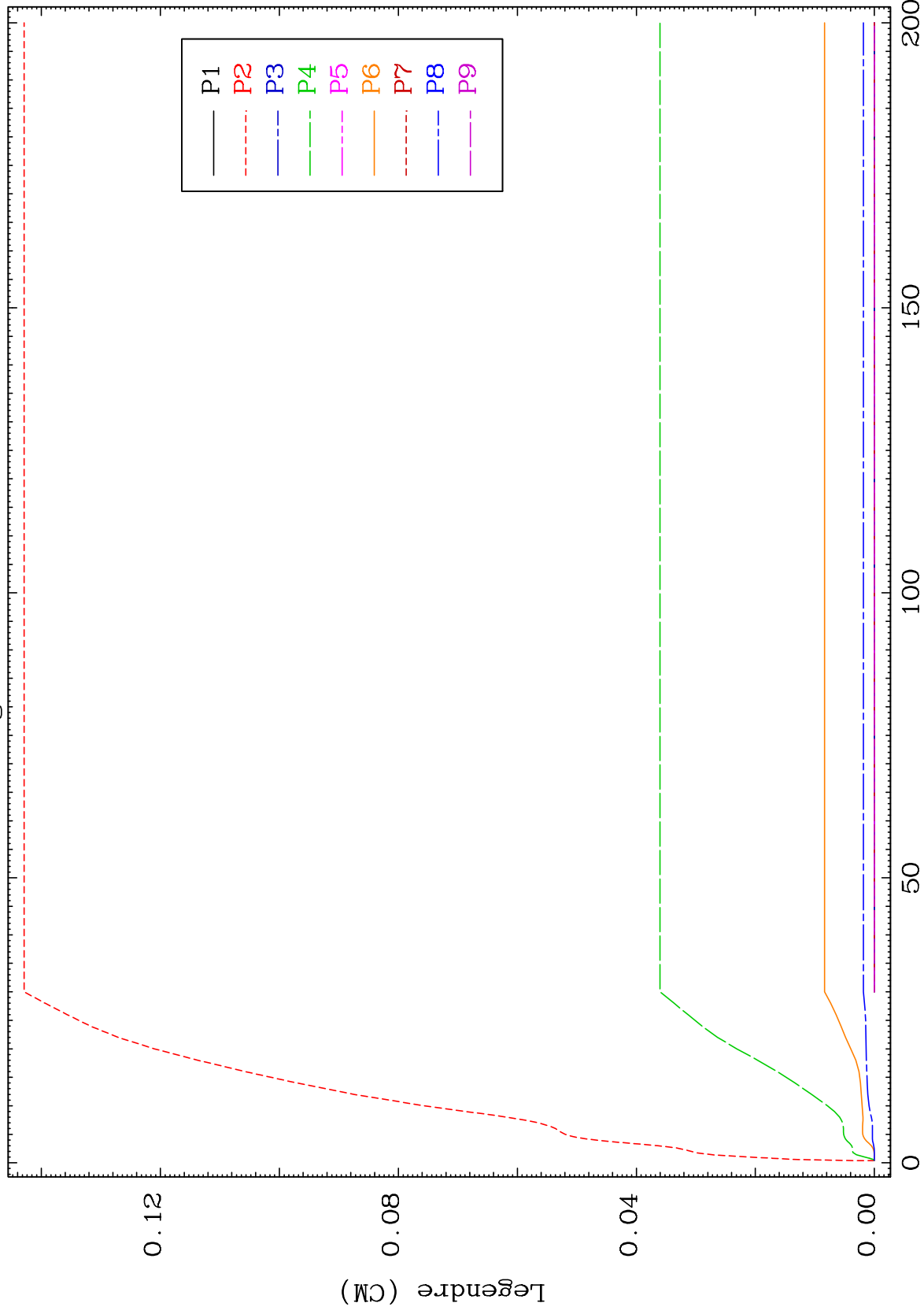




MAT 5322

365.5 keV (n,n') Level  
Legendre Coefficients

53-I -126

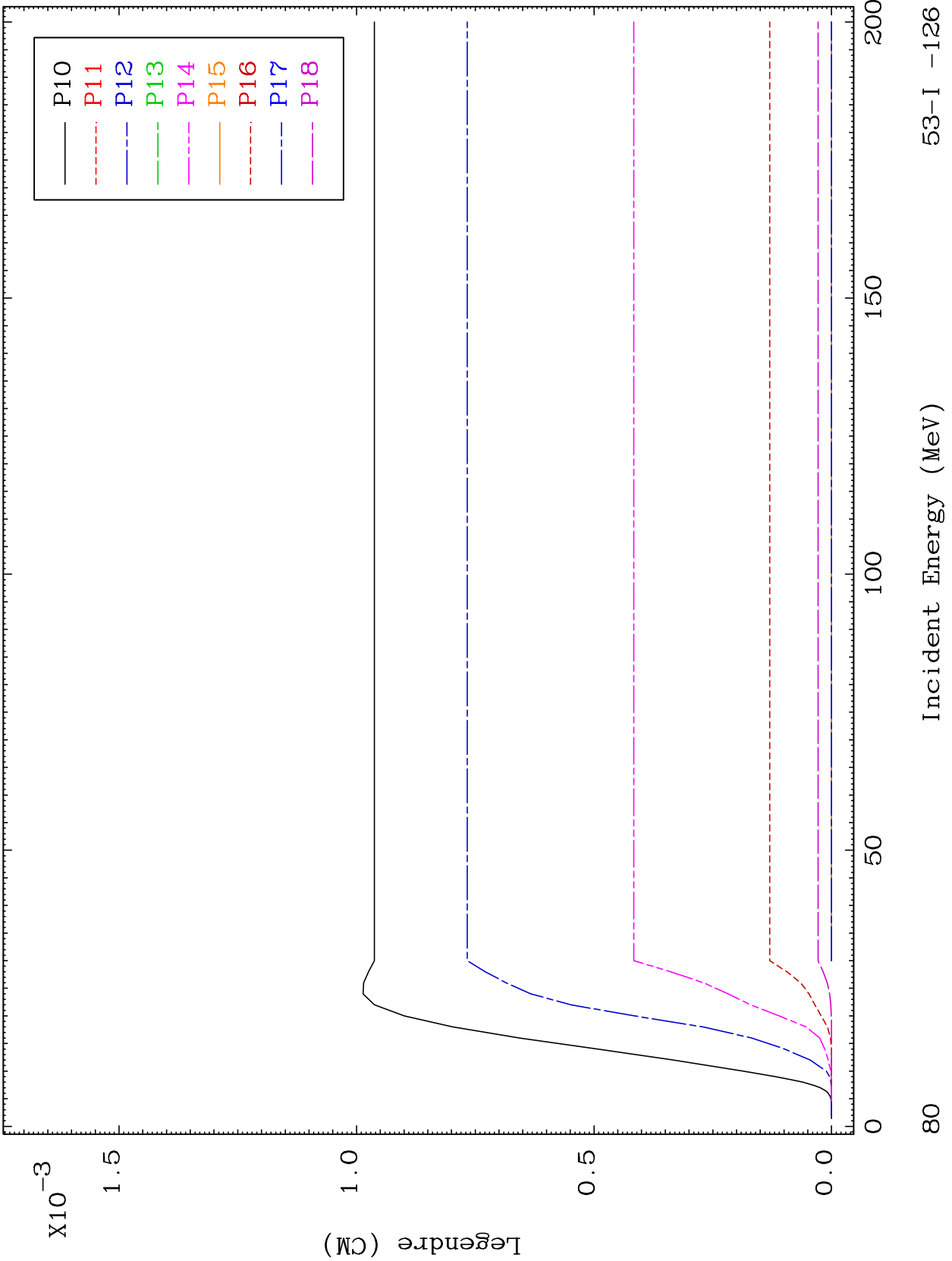


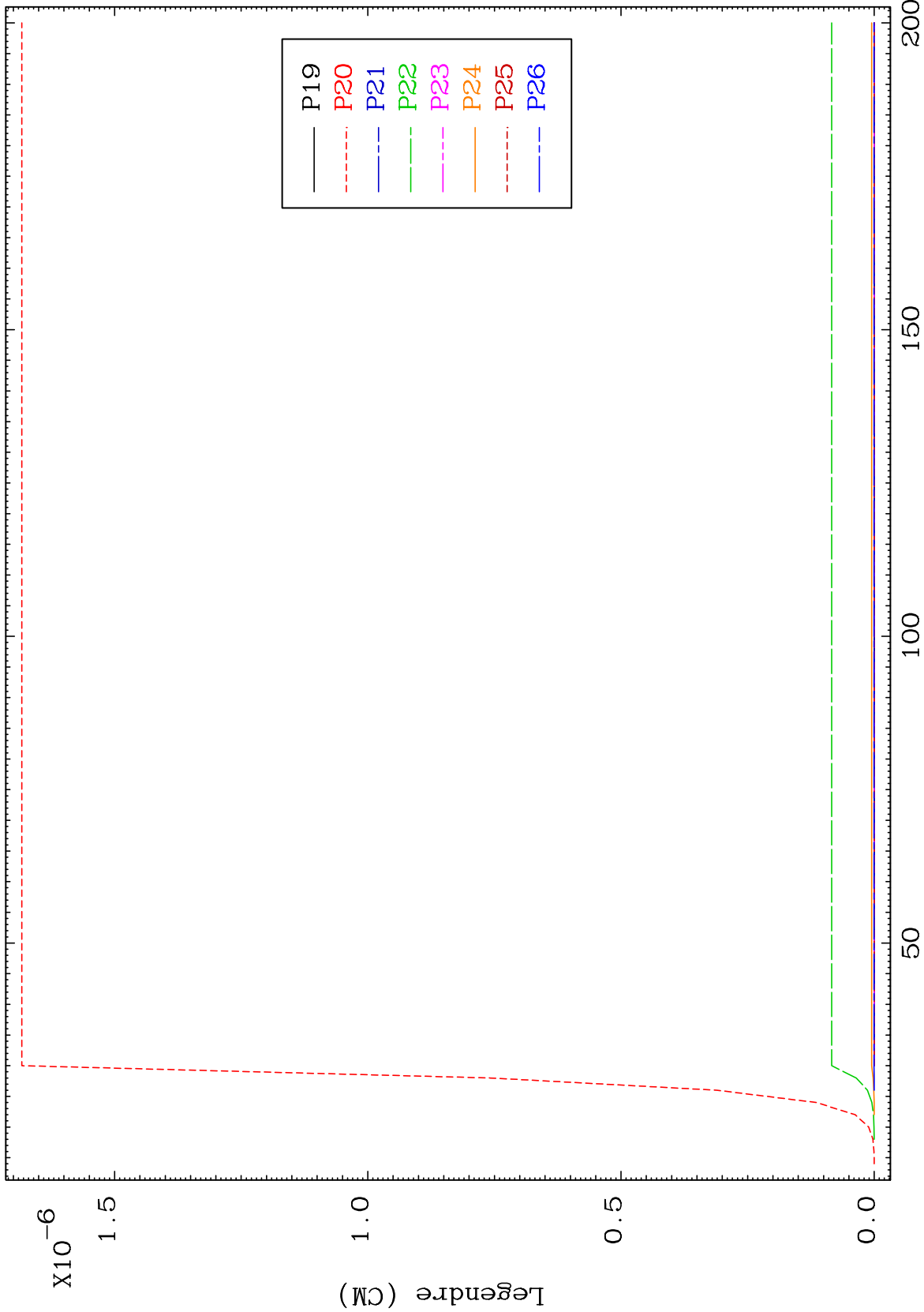
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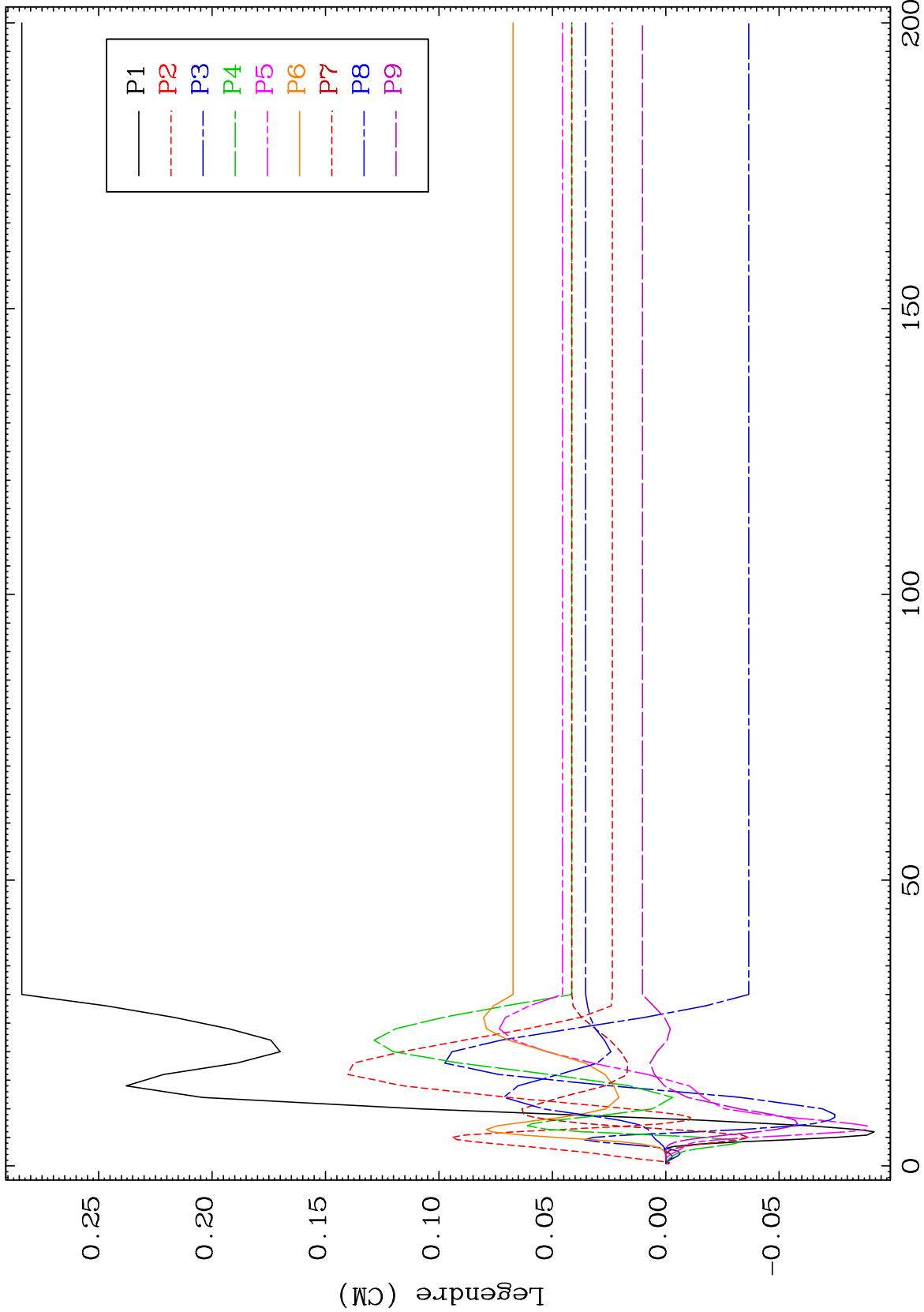
Incident Energy (MeV)

53-I -126





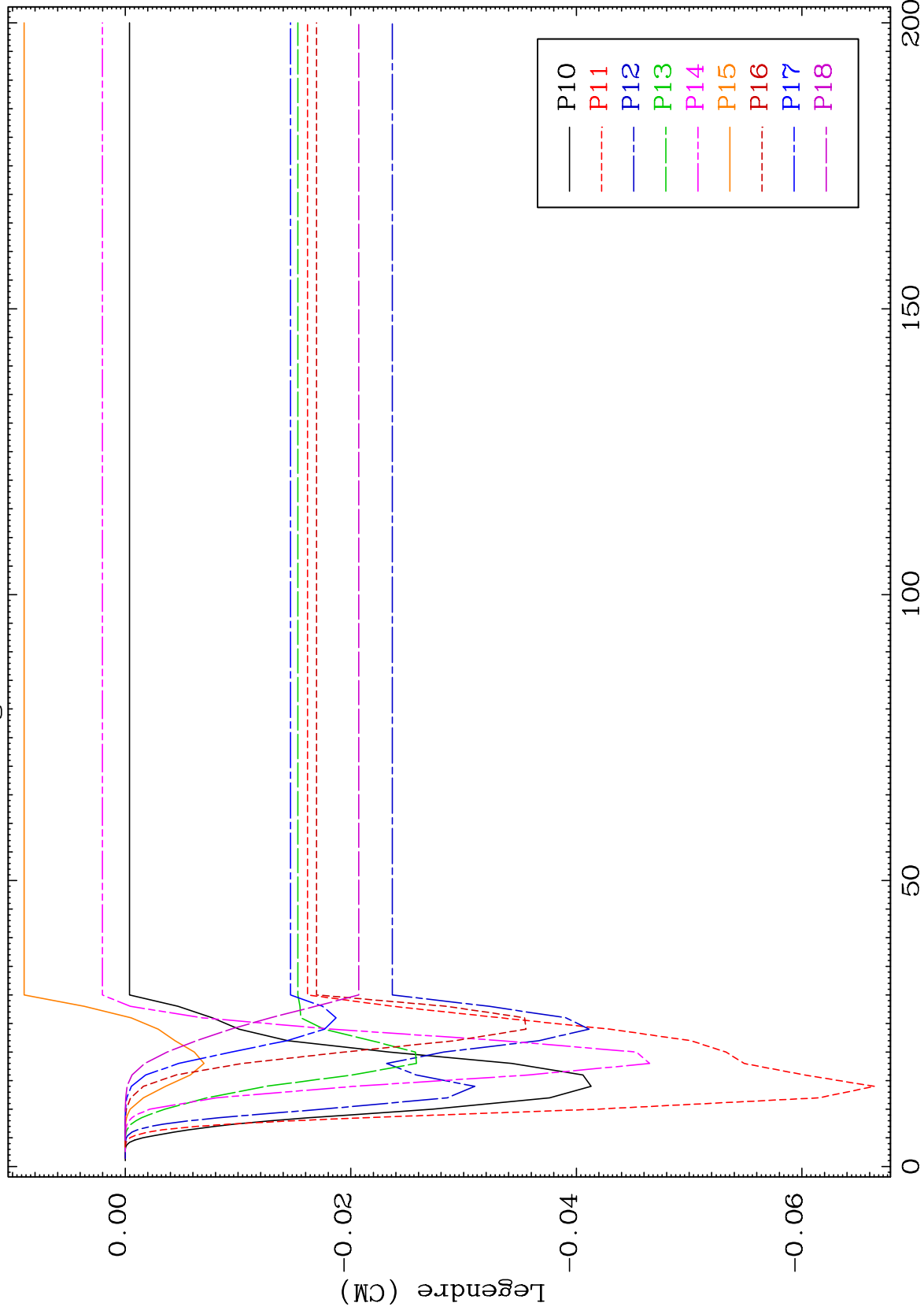




MAT 5322

369.6 keV (n,n') Level  
Legendre Coefficients

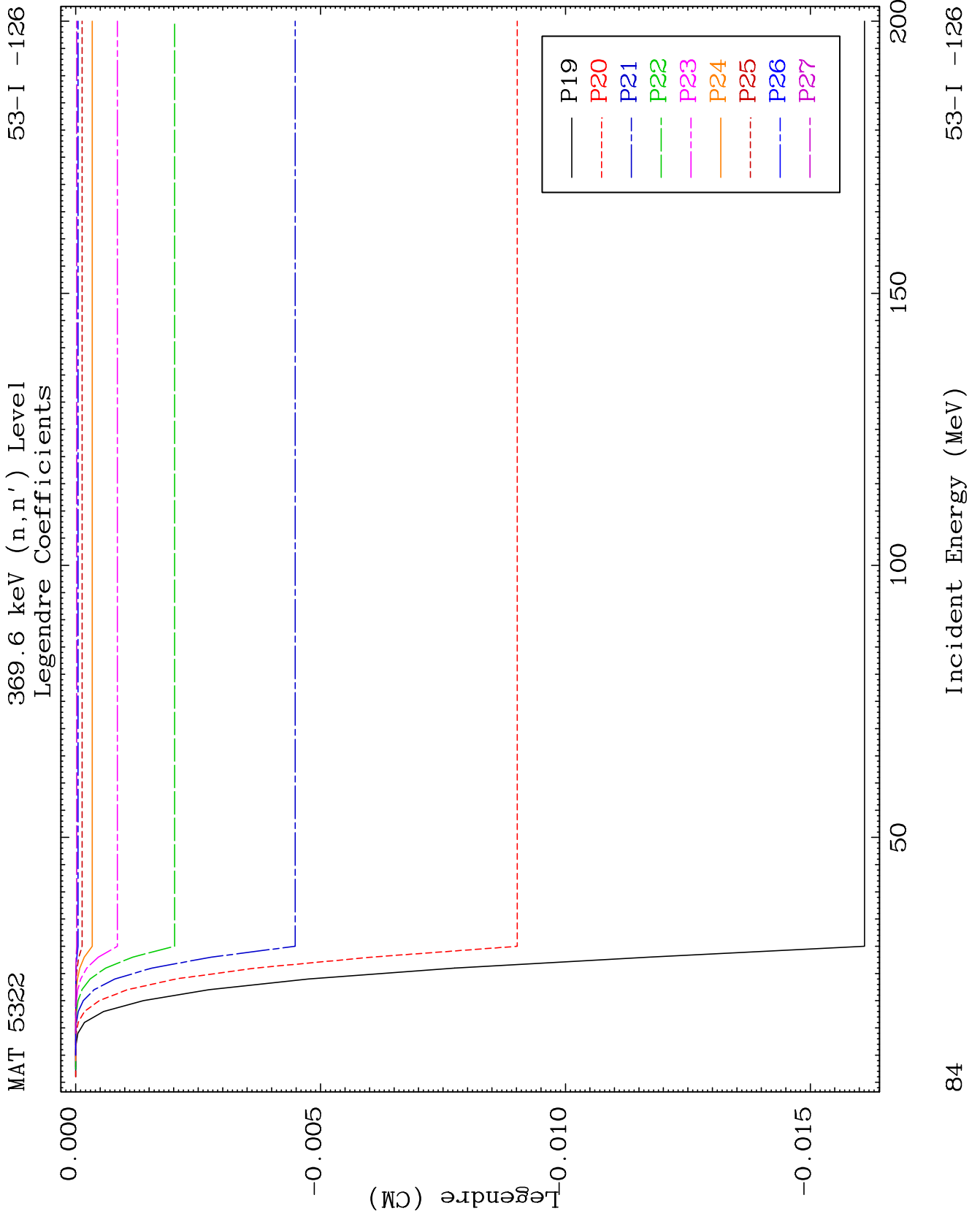
53-I -126

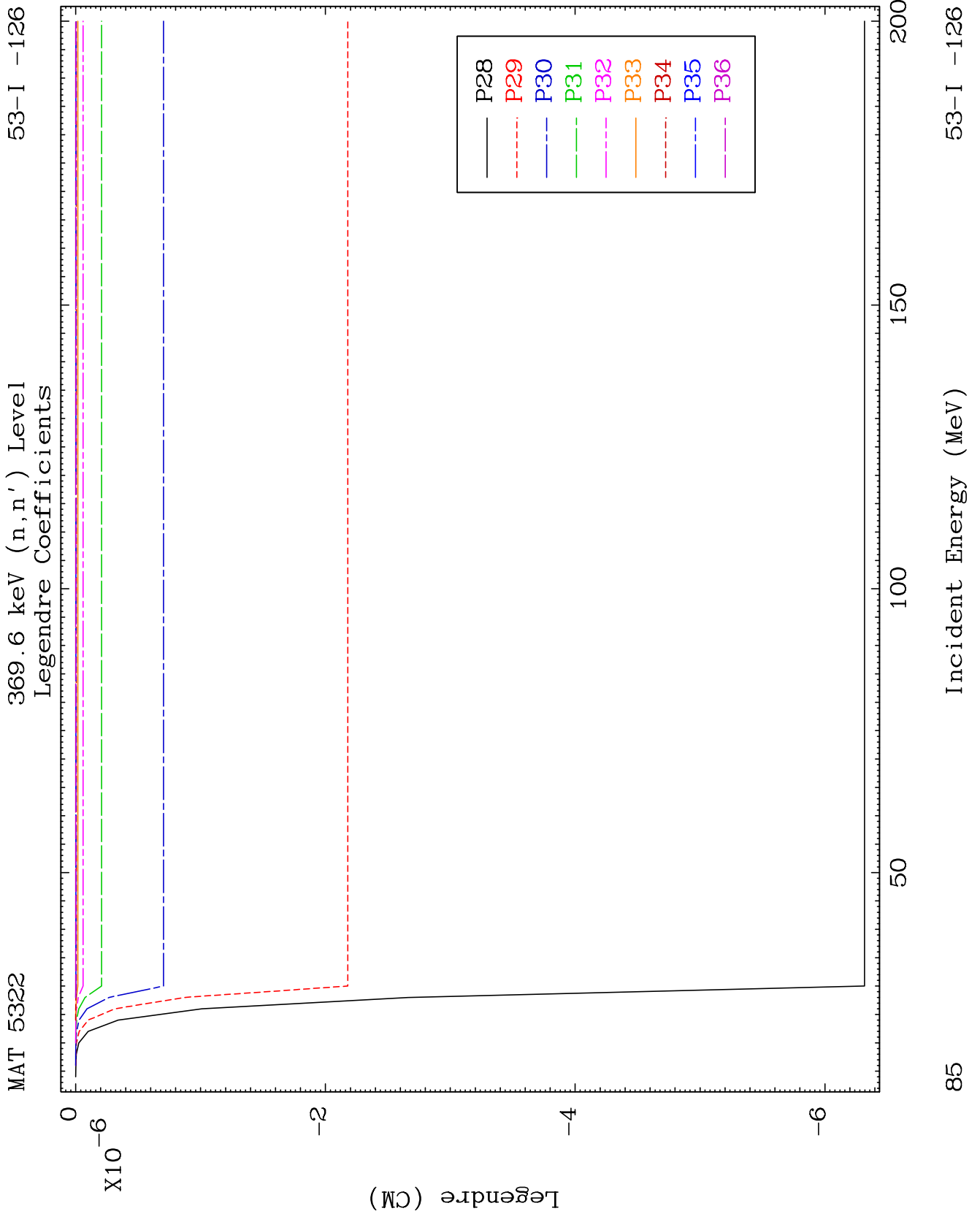


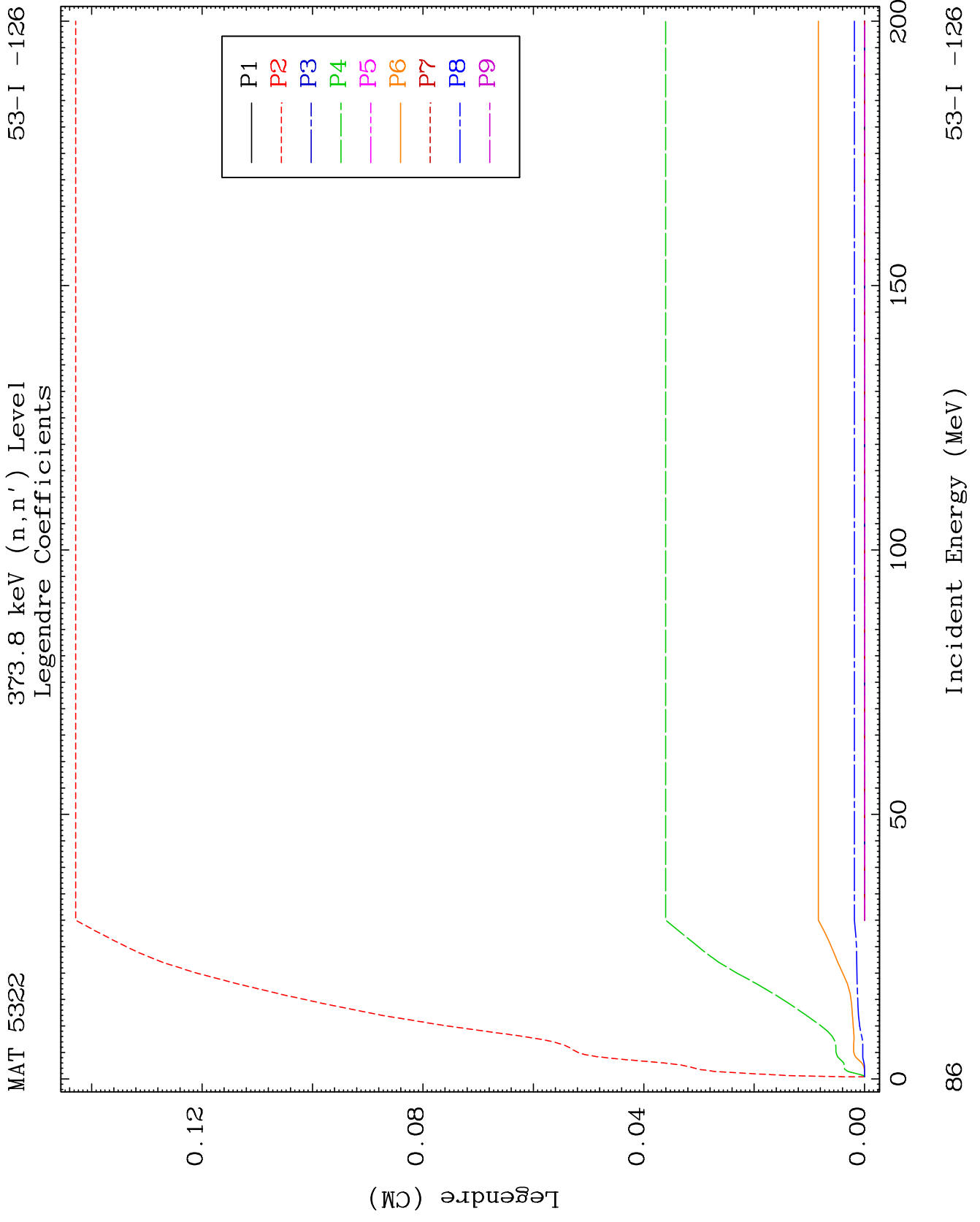
83

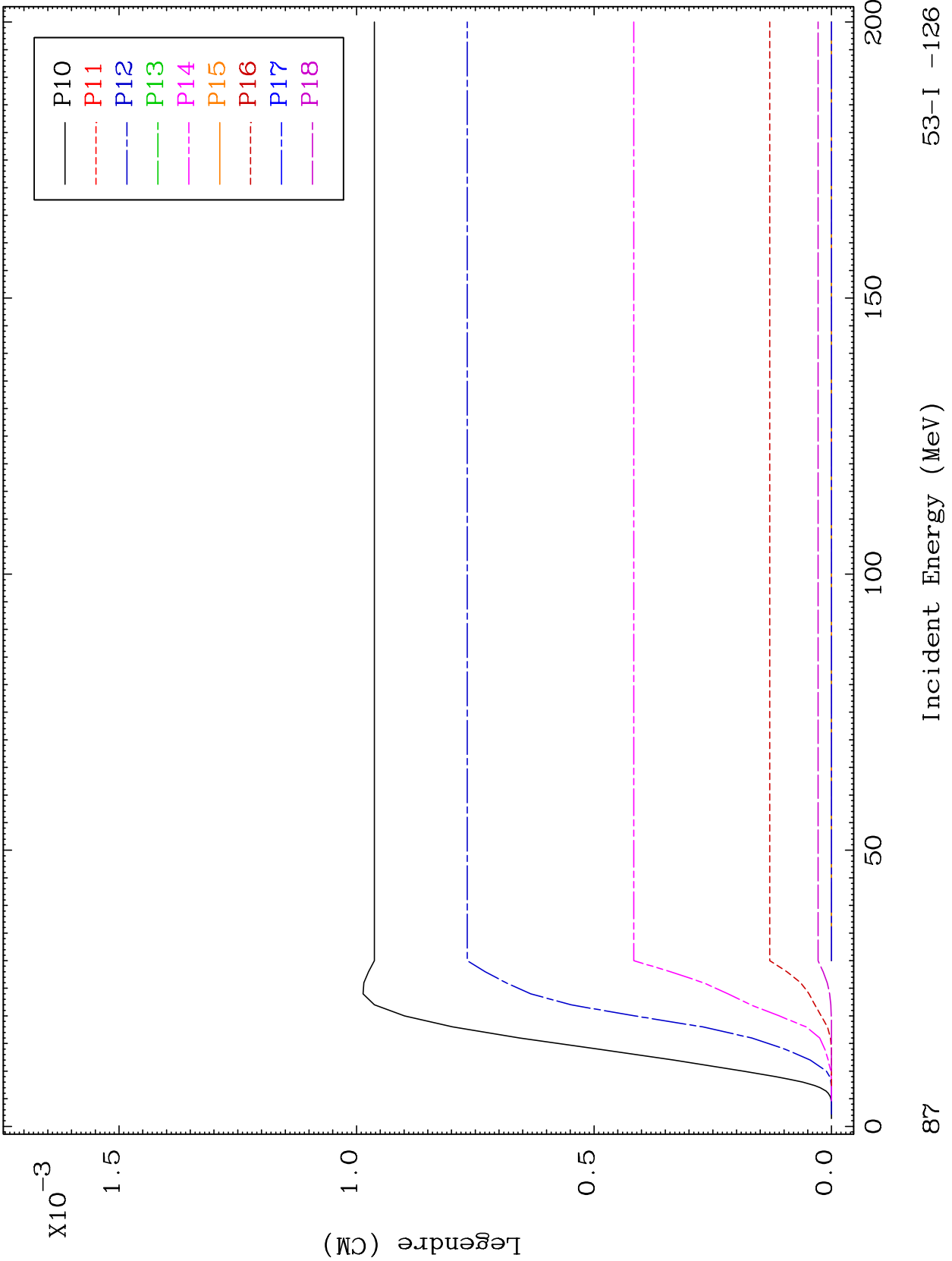
Incident Energy (MeV)

53-I -126

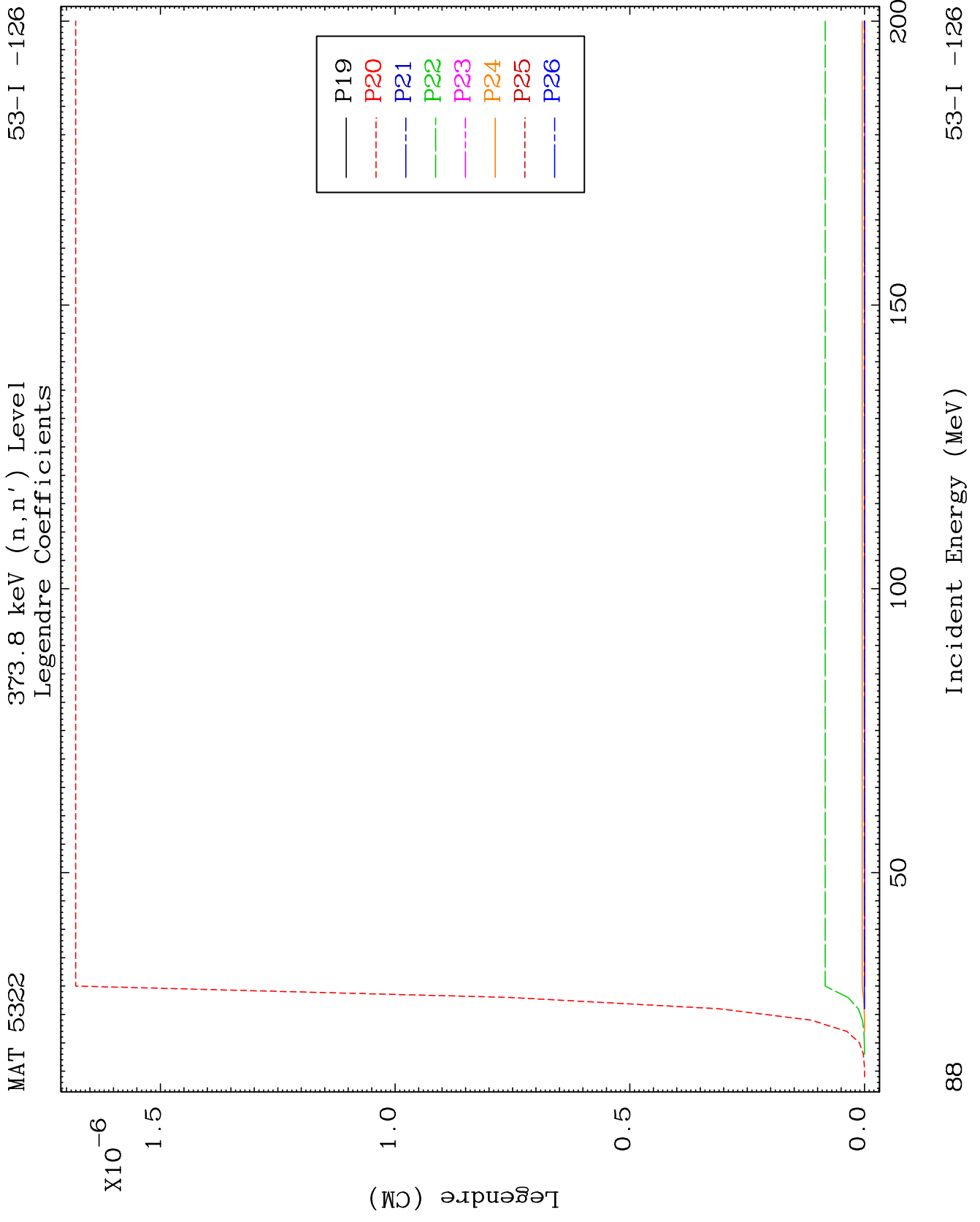


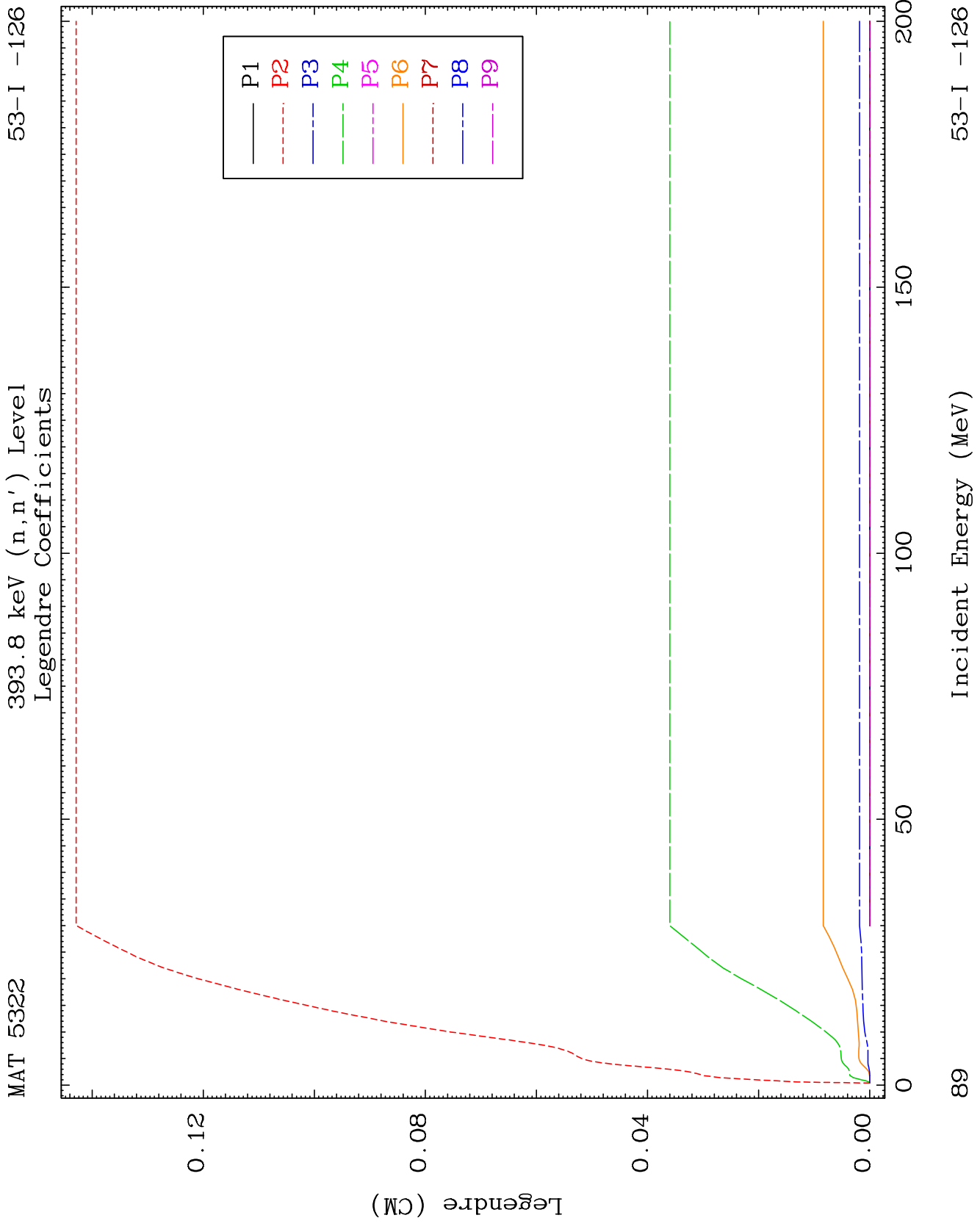


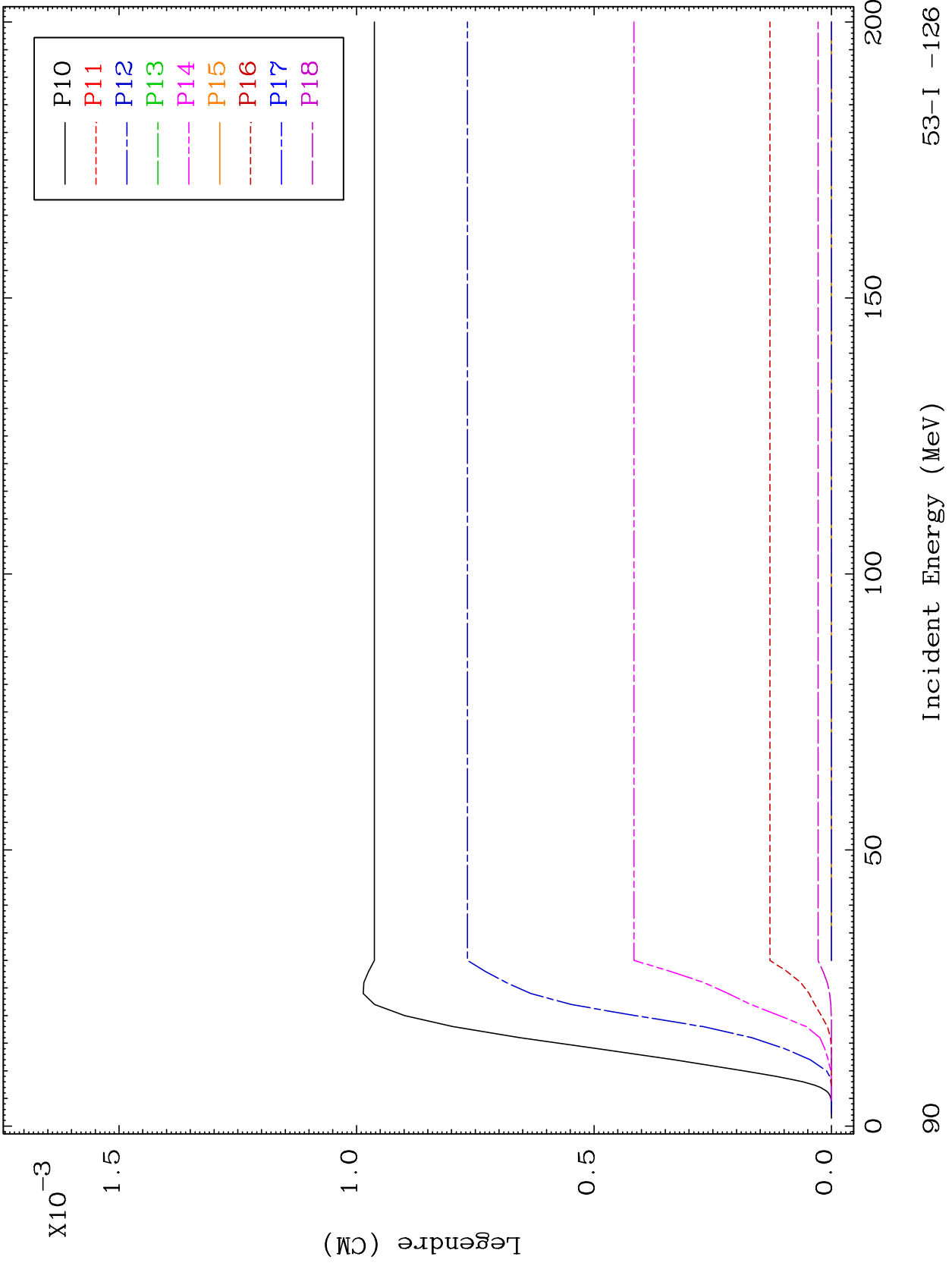


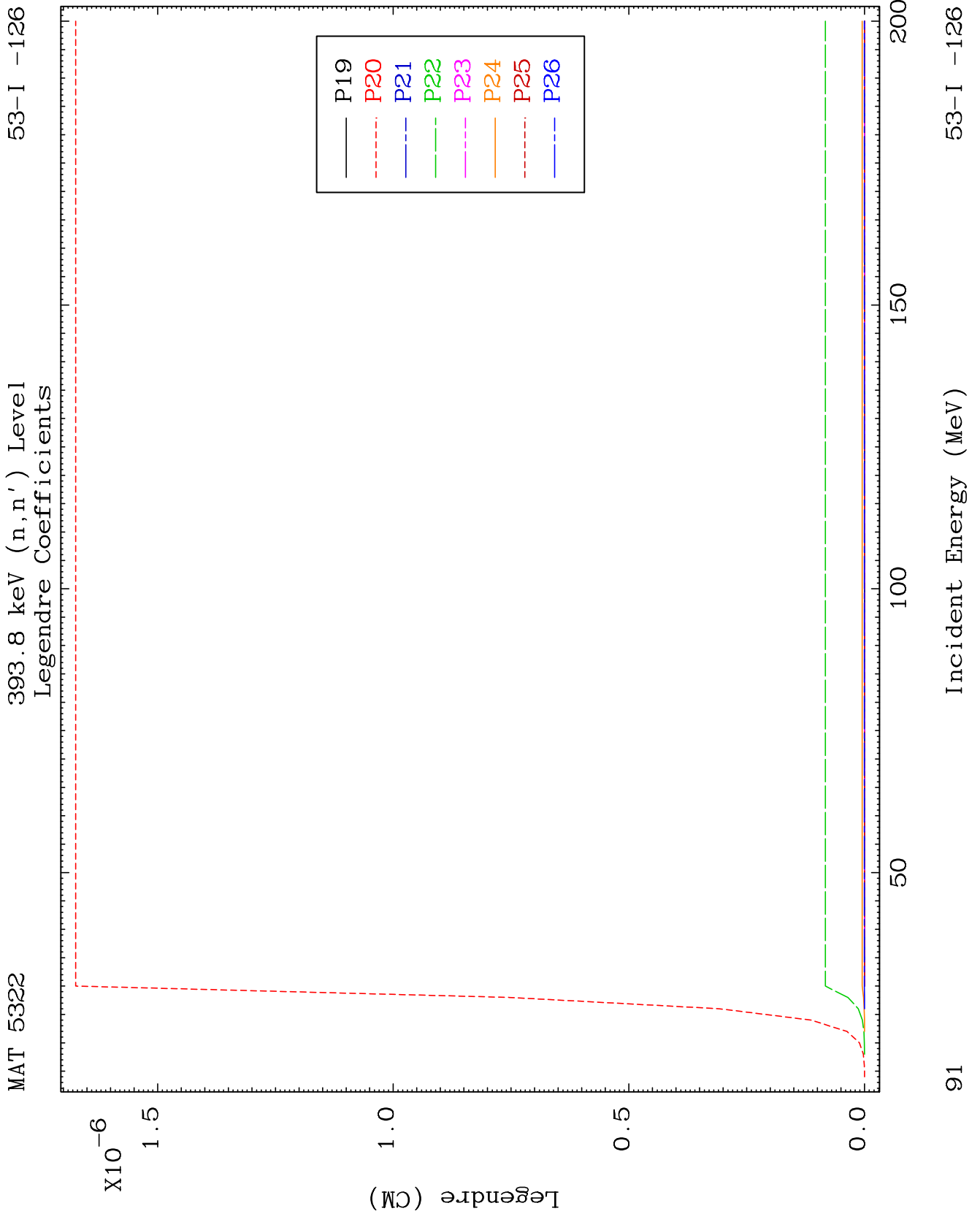


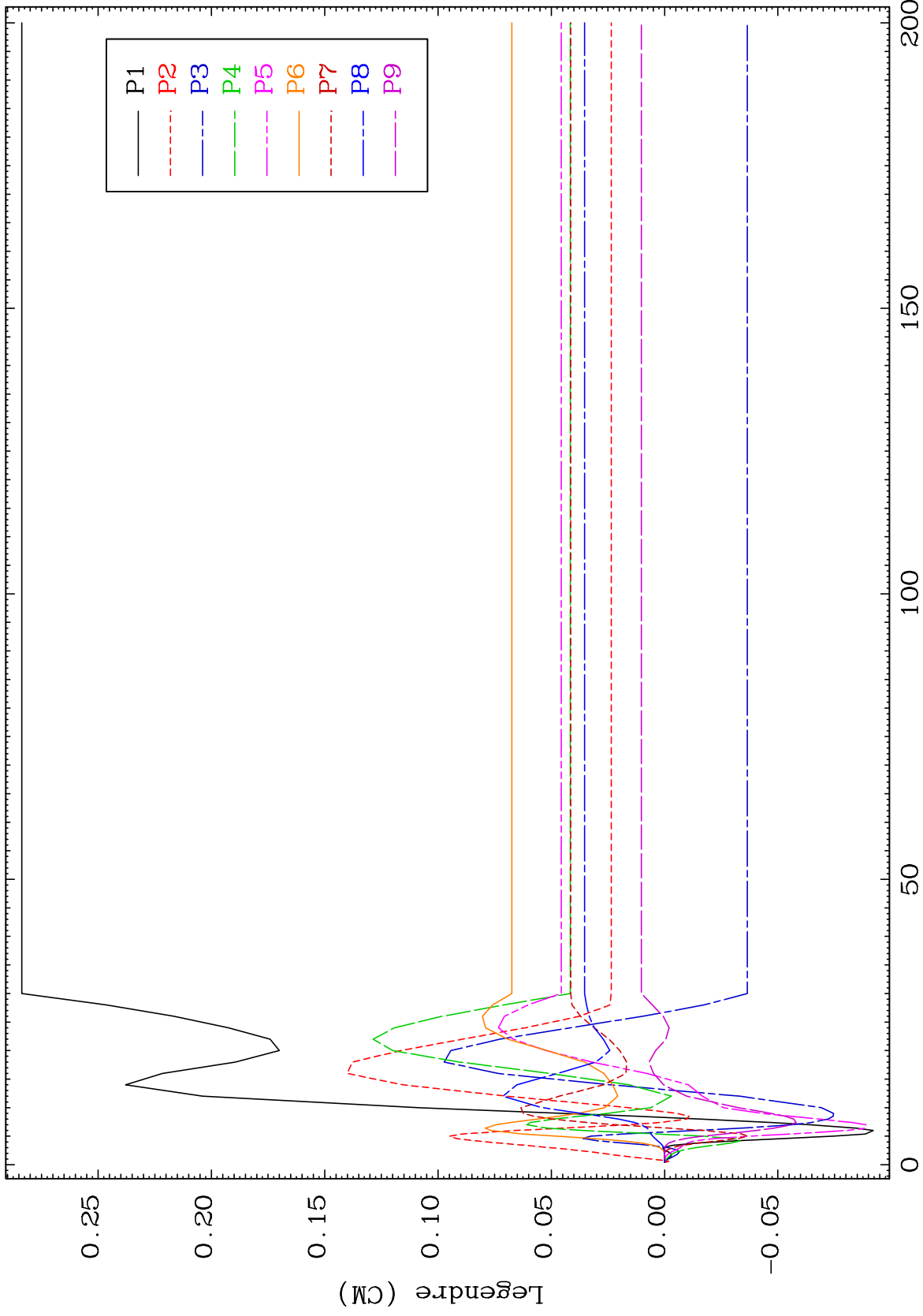


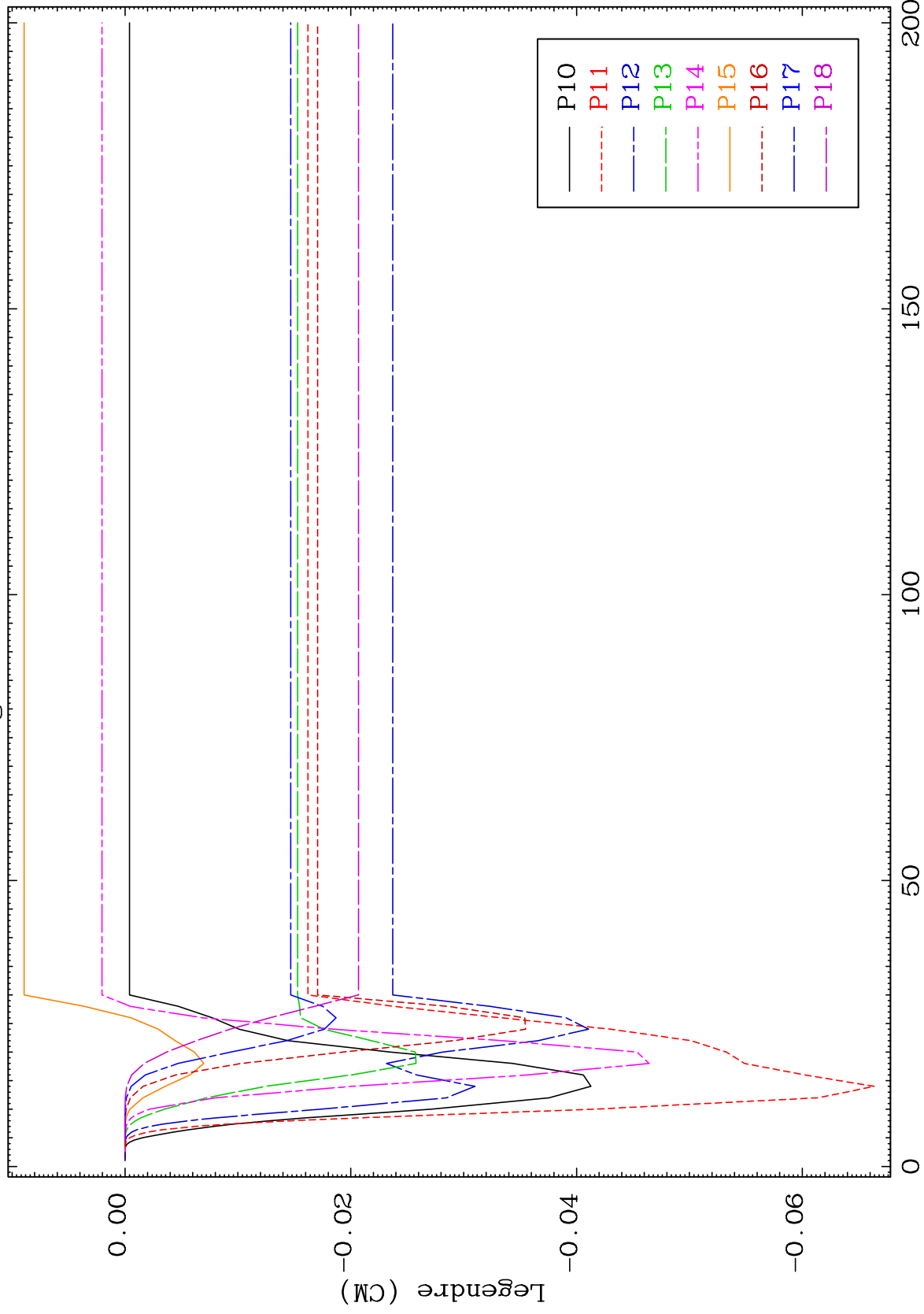


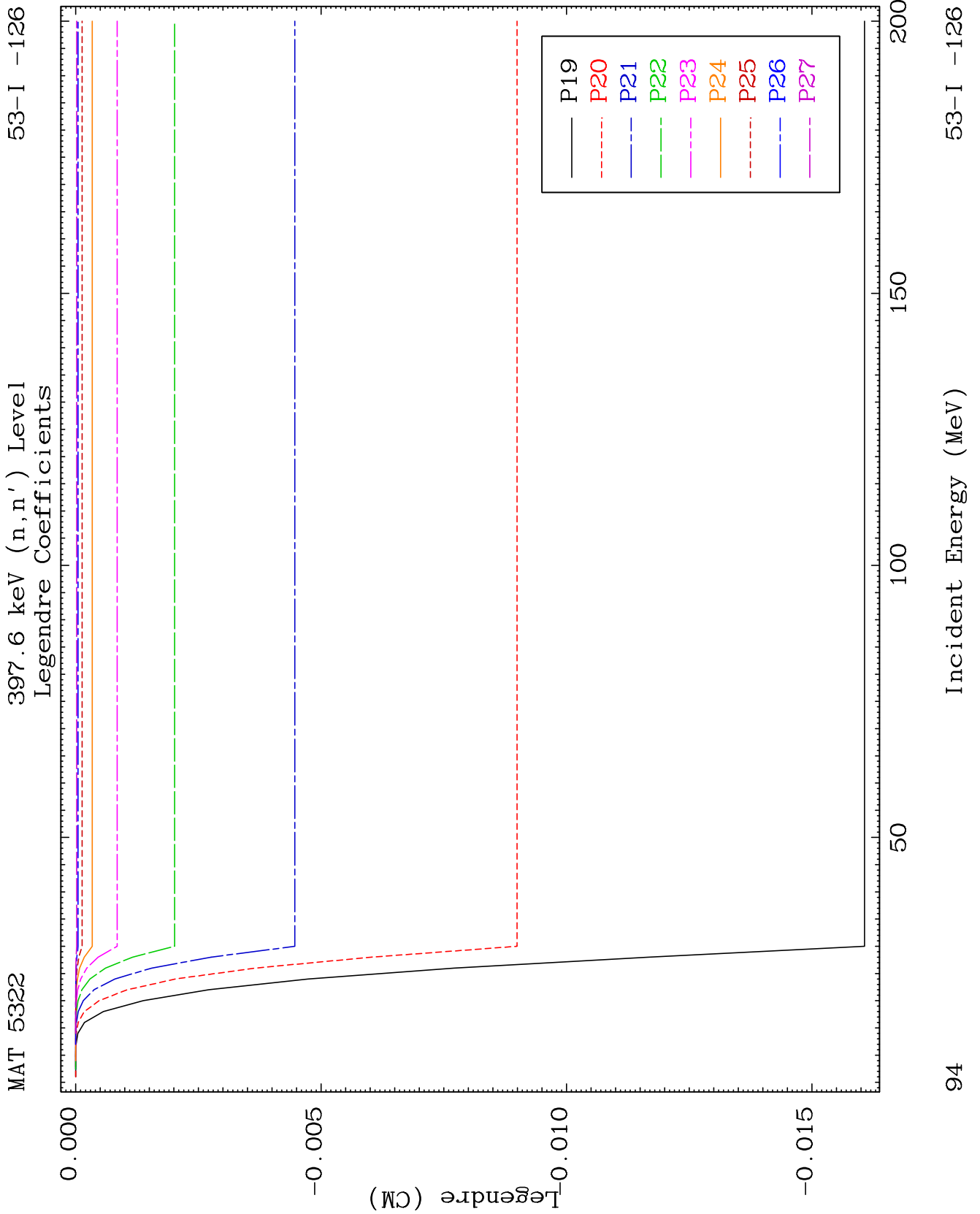


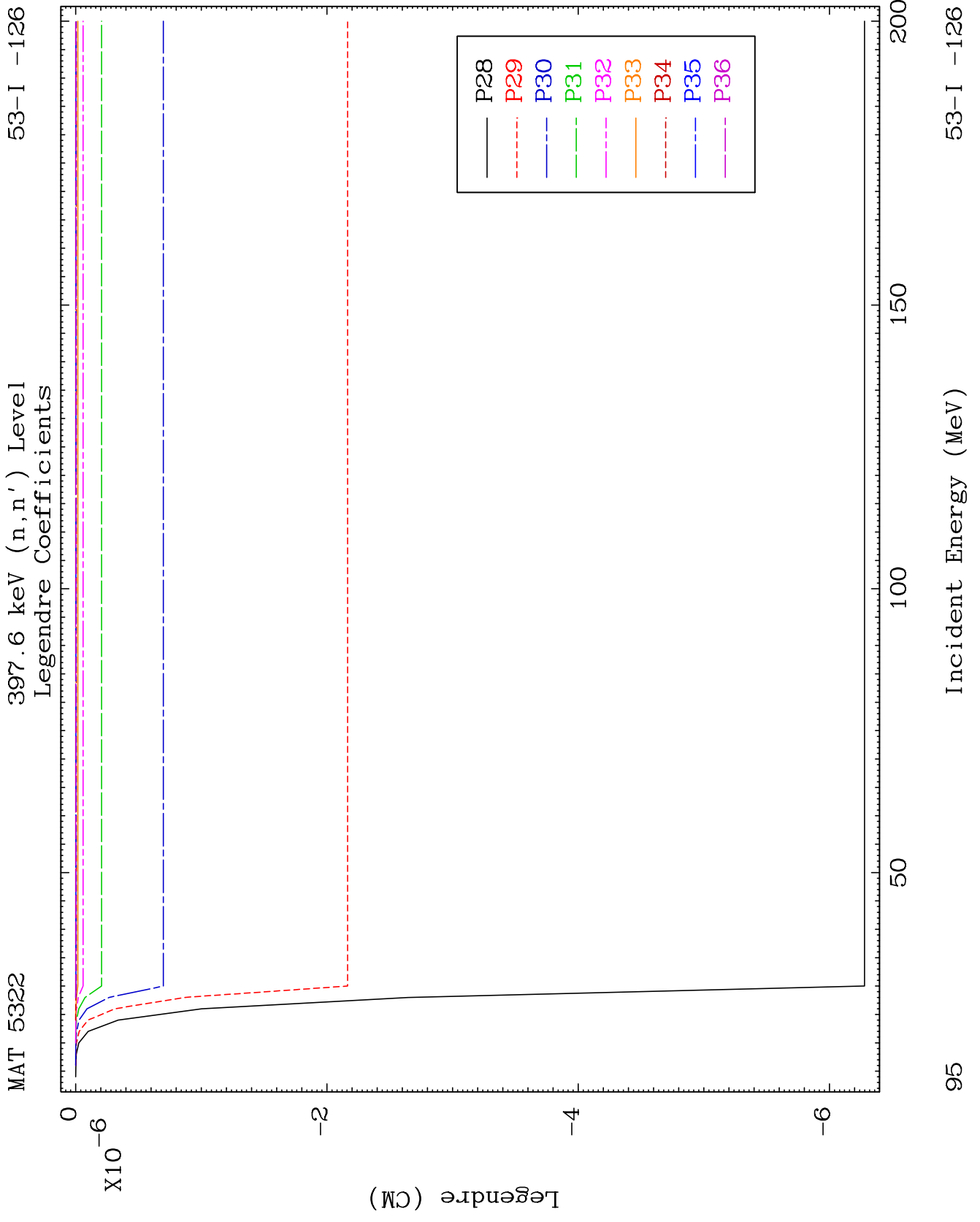




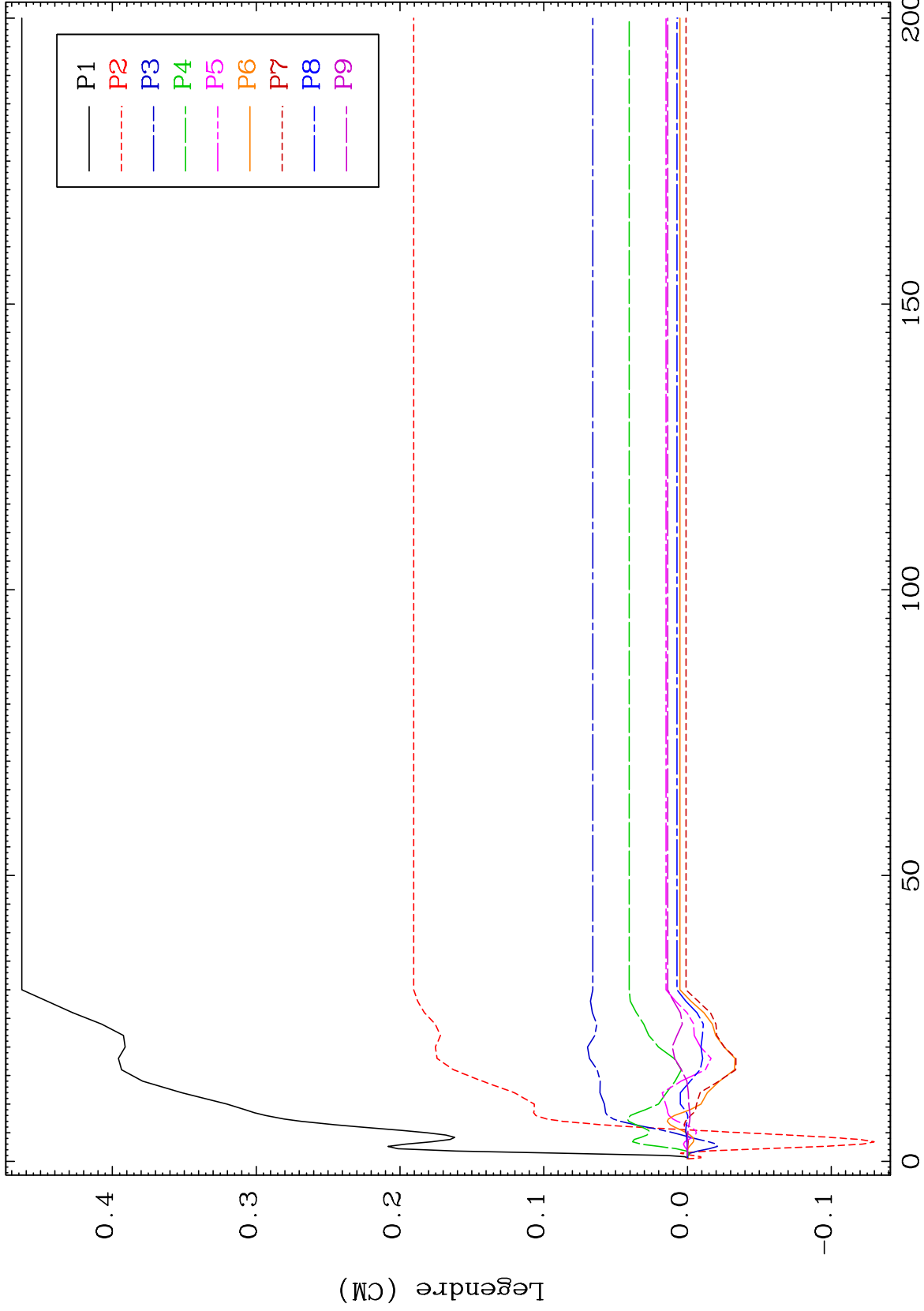


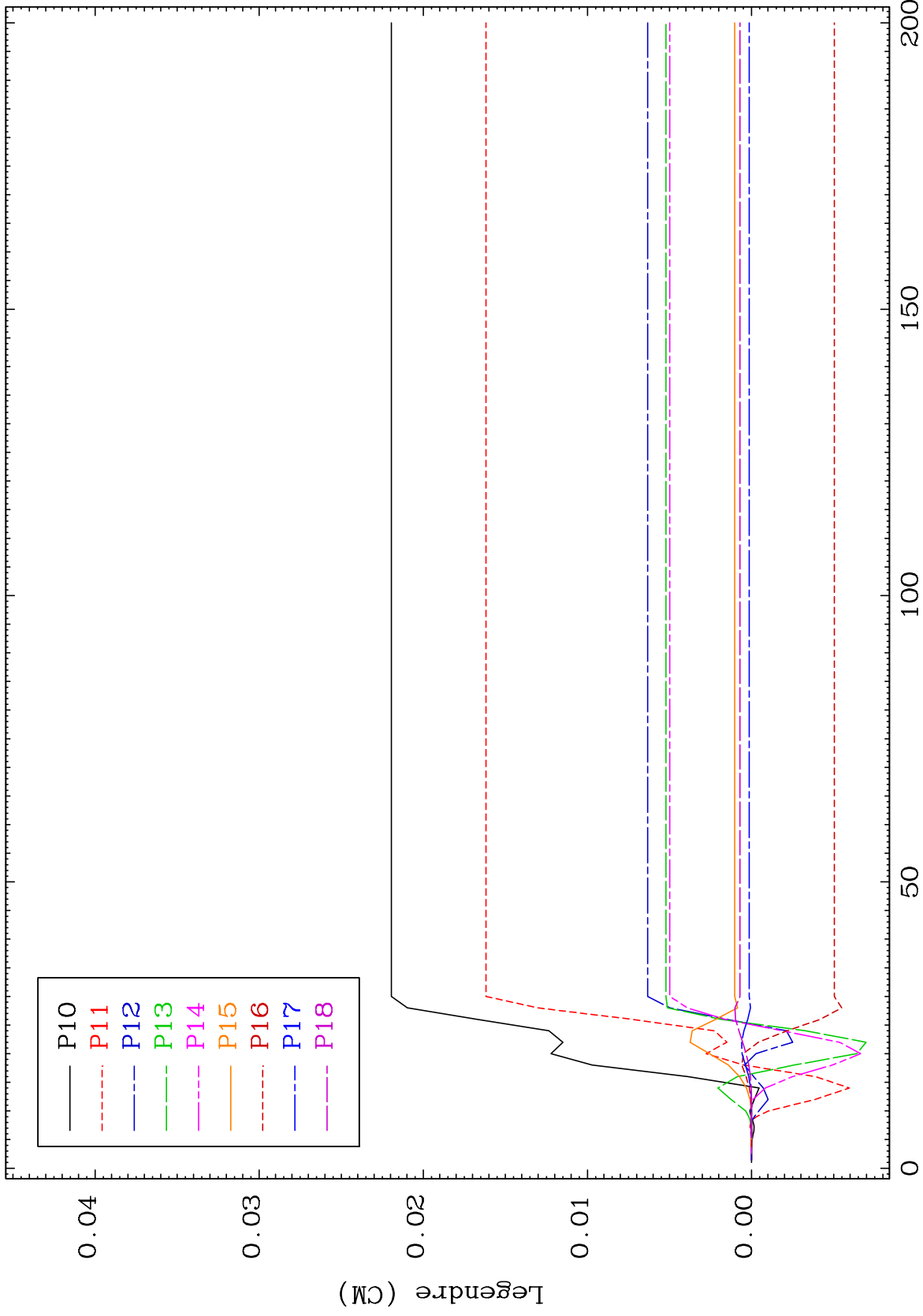


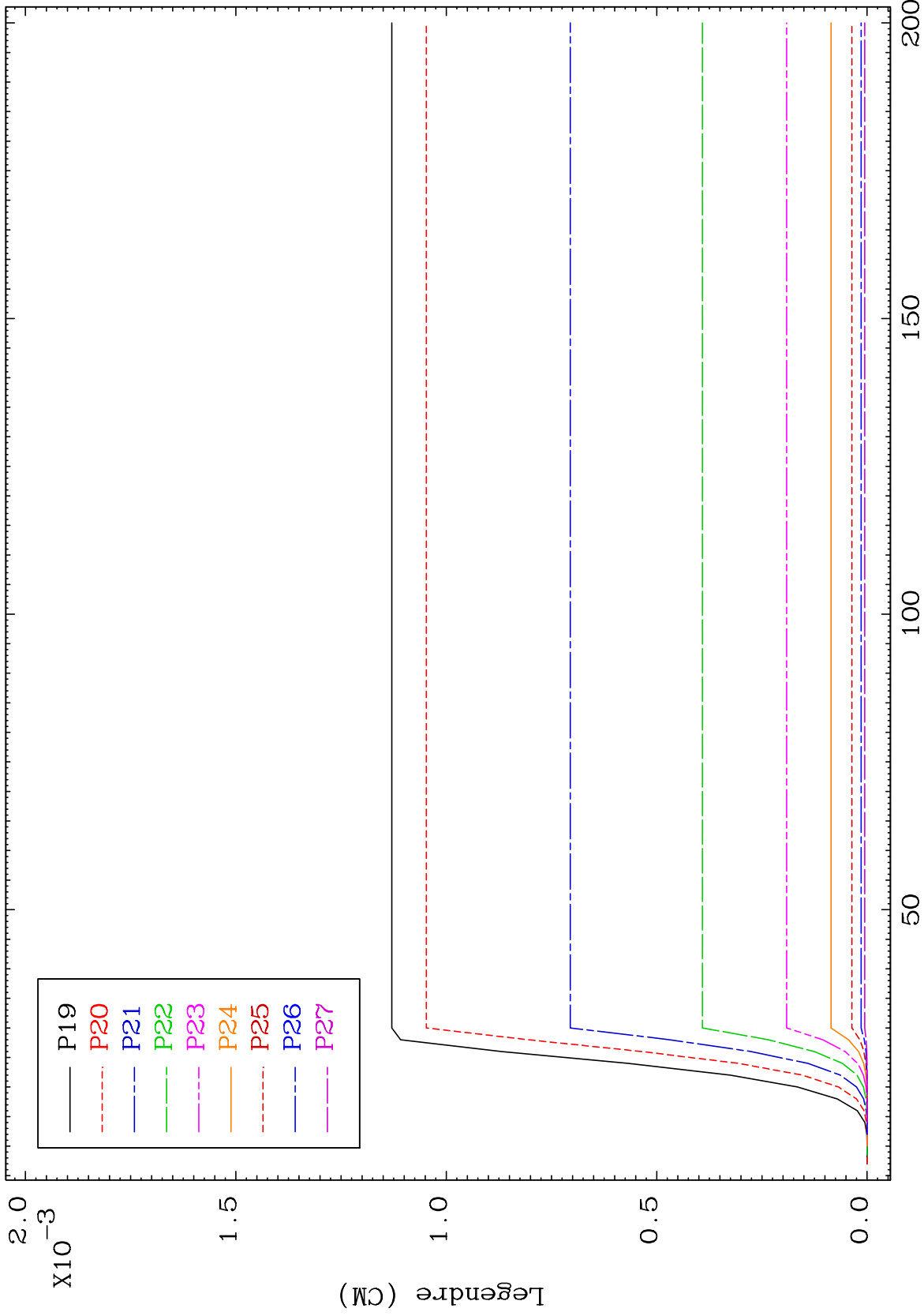


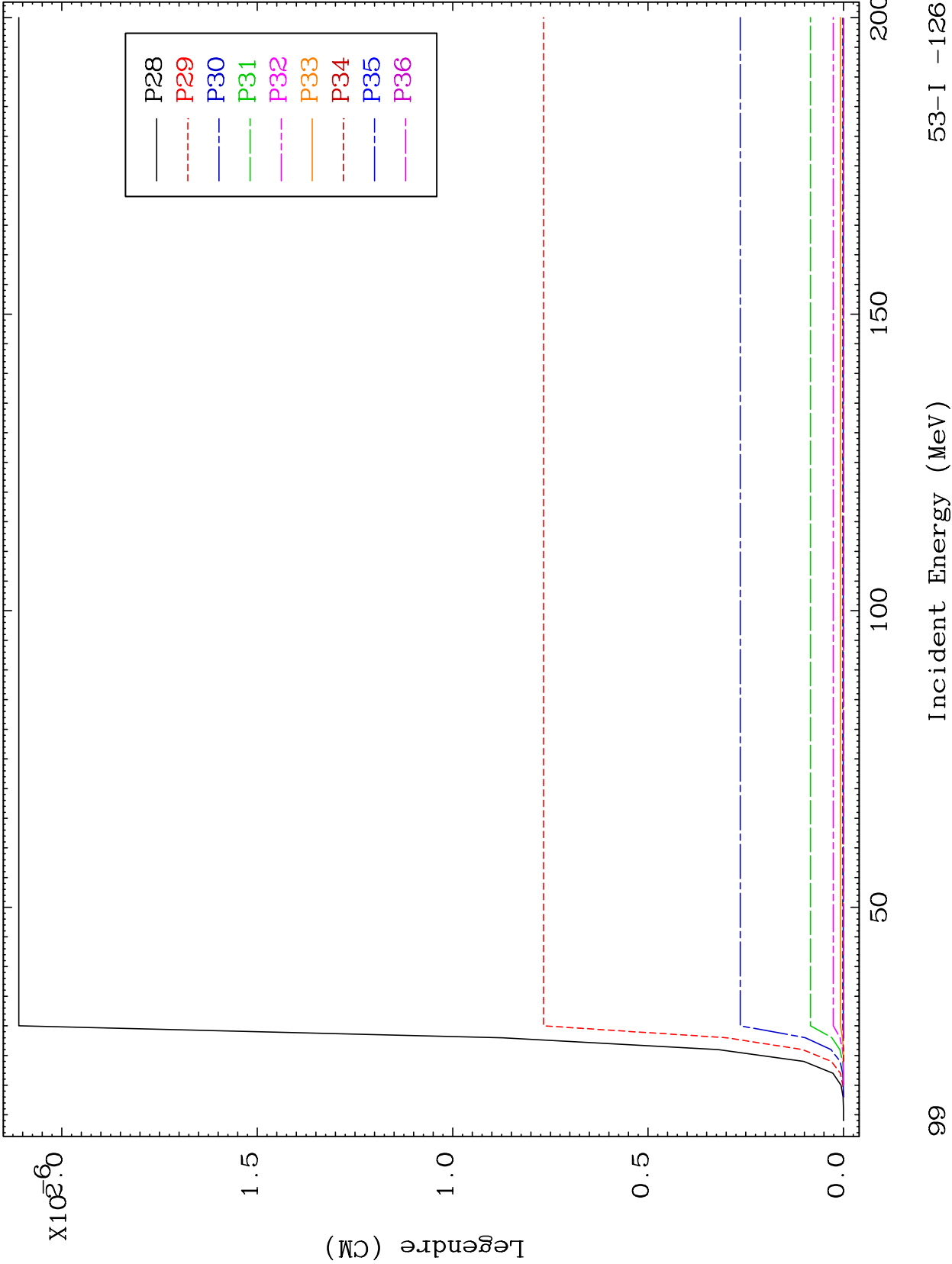




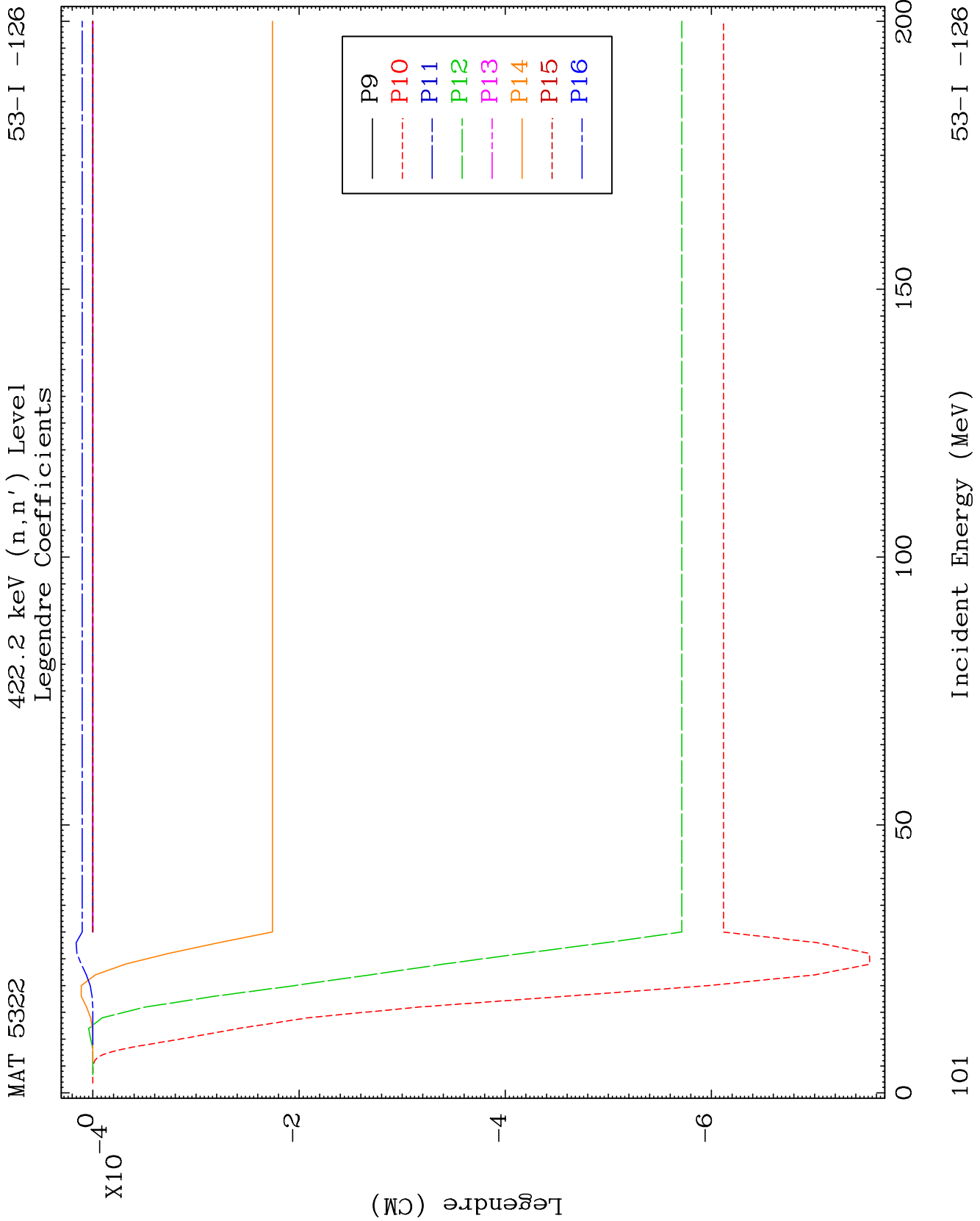




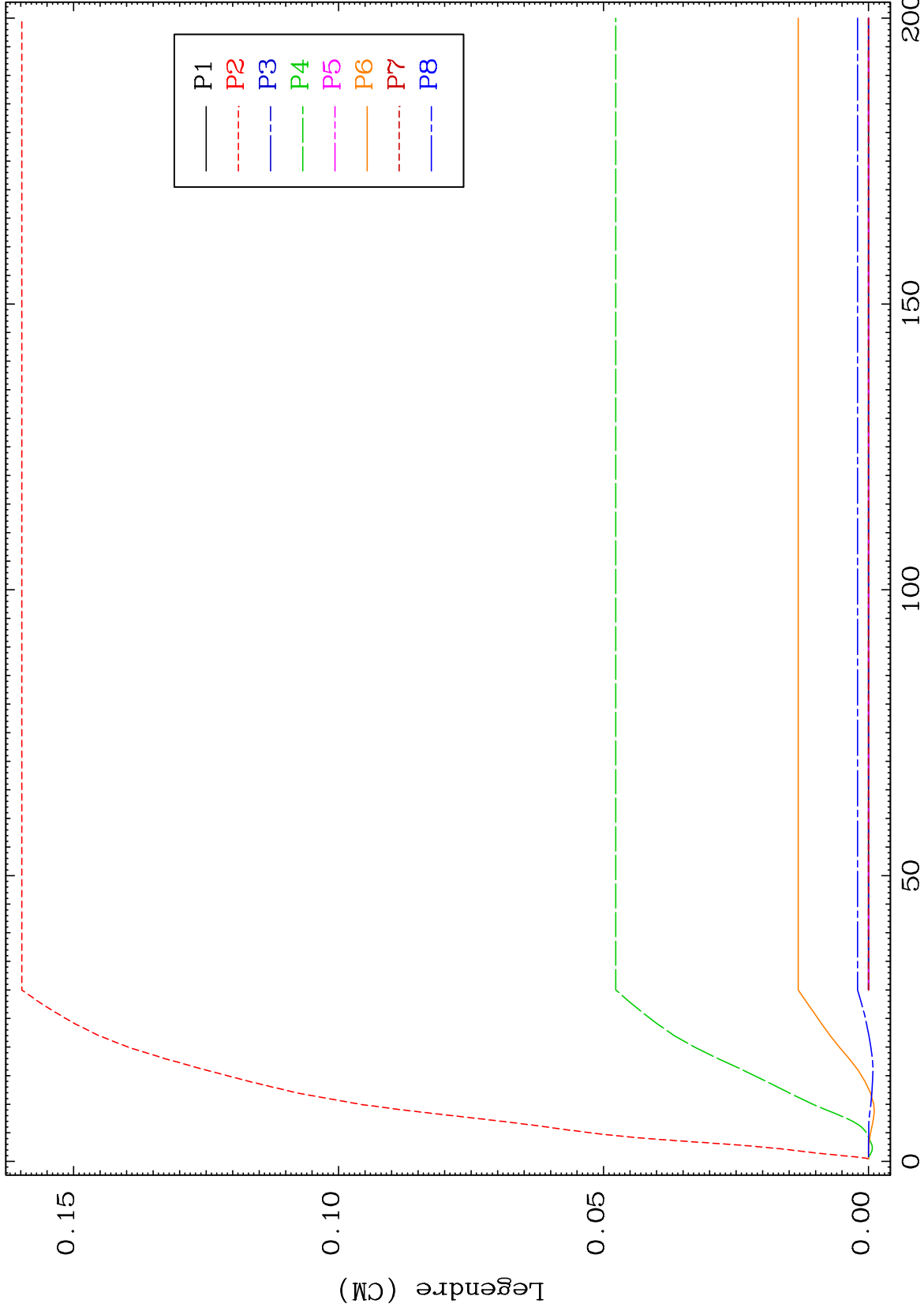
















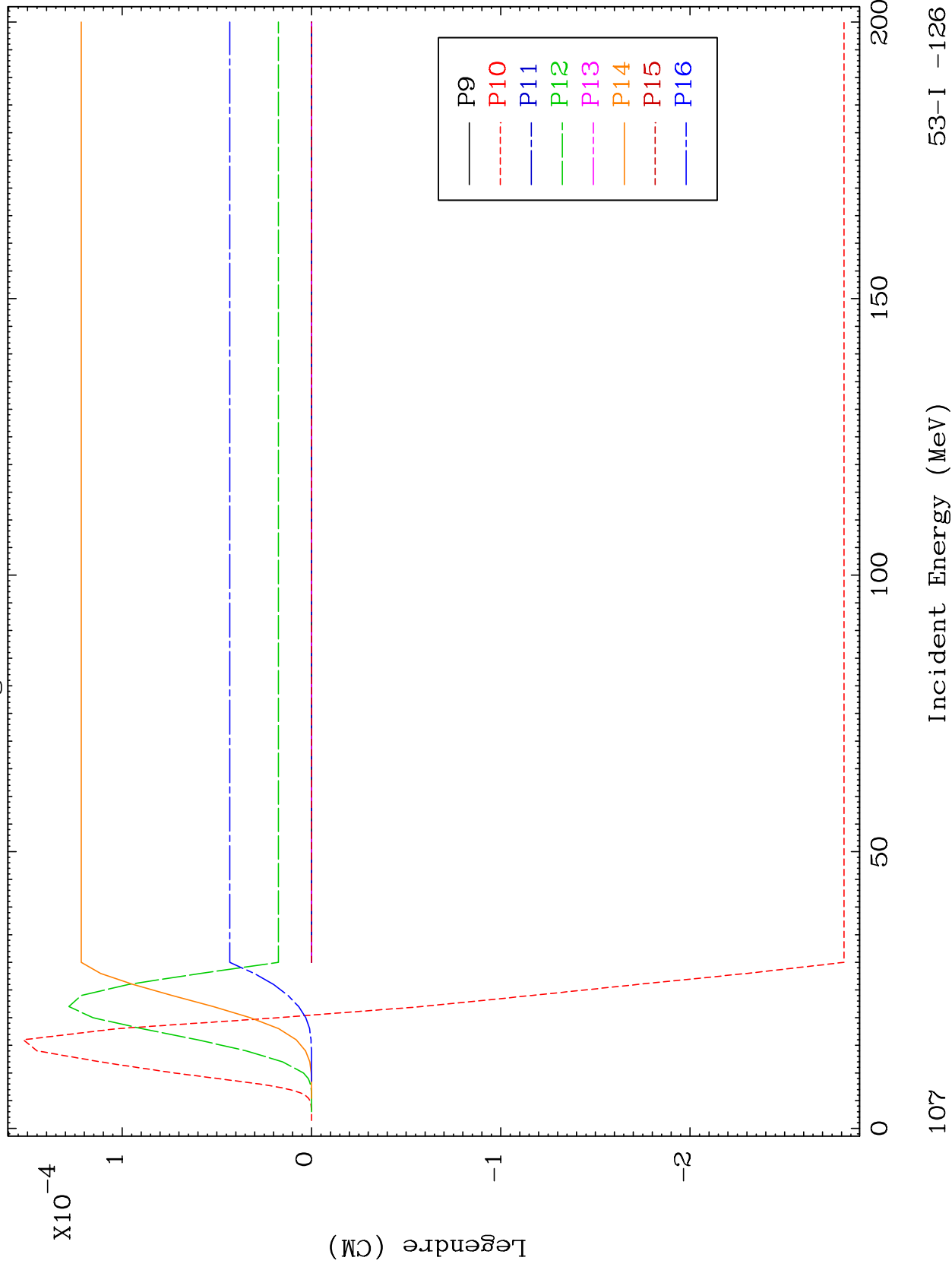




MAT 5322

448.0 keV (n,n') Level  
Legendre Coefficients

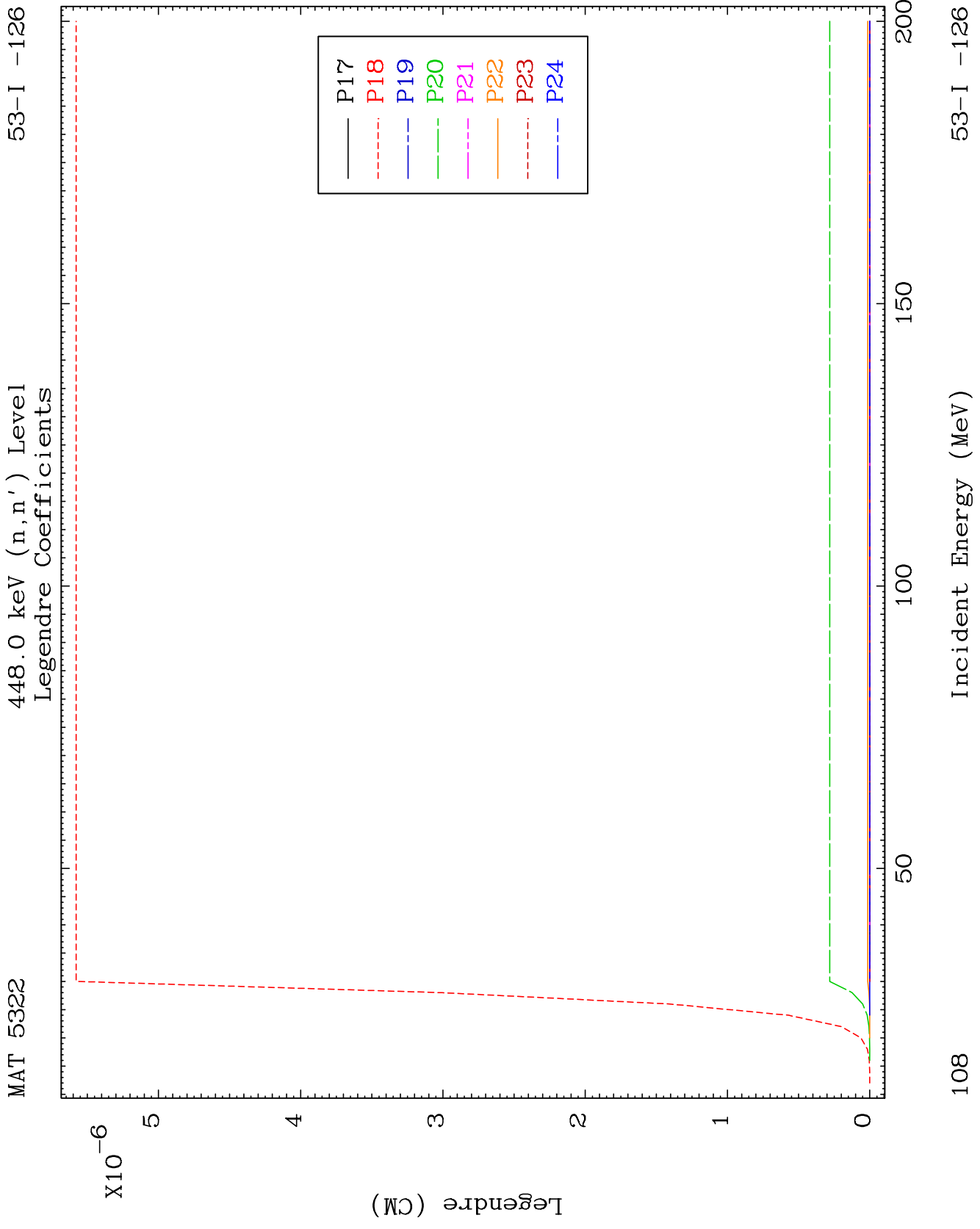
53-I -126



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Incident Energy (MeV)

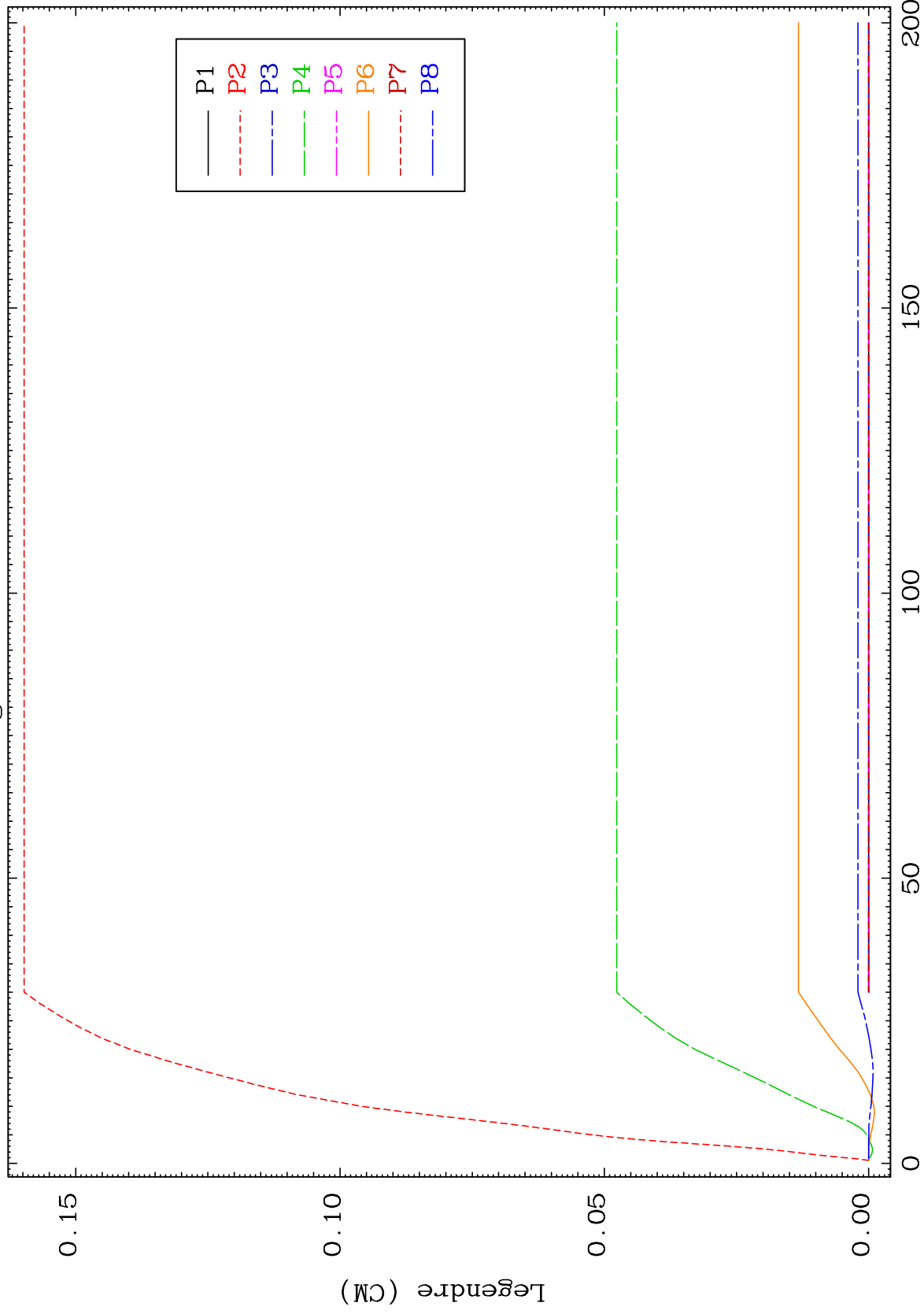
53-I -126



MAT 5322

458.0 keV (n,n') Level  
Legendre Coefficients

53-I -126



53-I -126

Incident Energy (MeV)

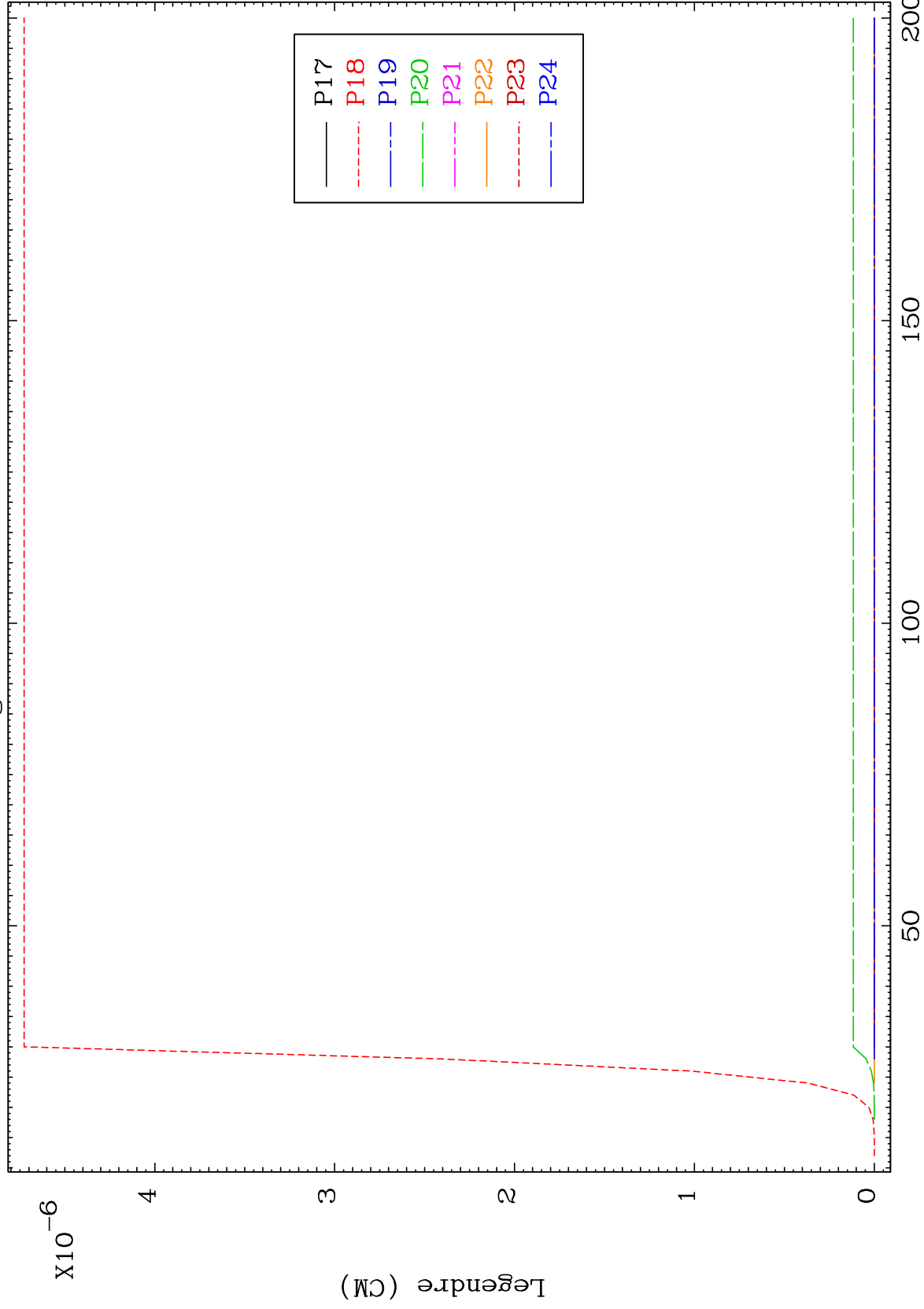
109



MAT 5322

458.0 keV (n,n') Level  
Legendre Coefficients

53-I -126



111

Incident Energy (MeV)

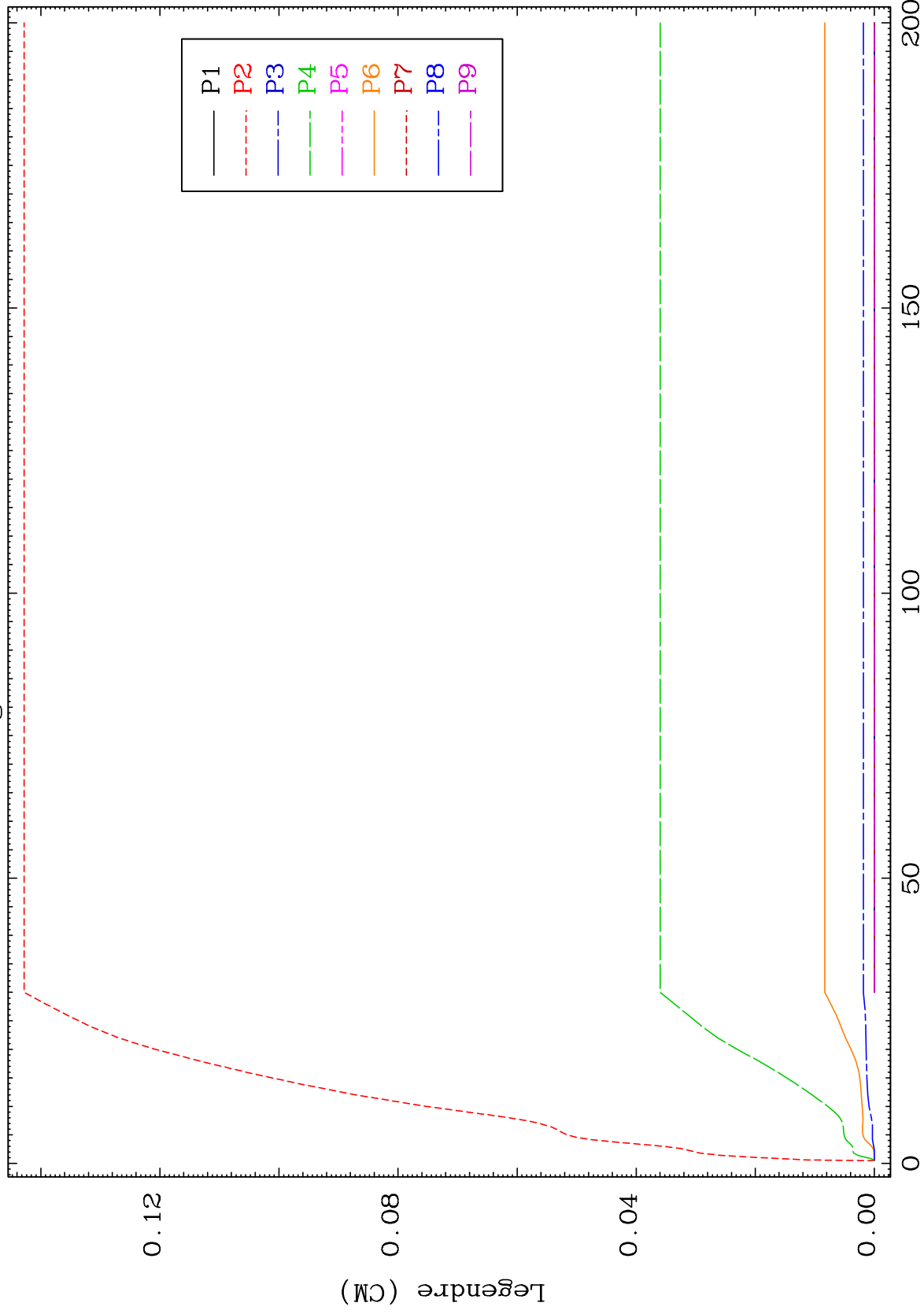
53-I -126



MAT 5322

465.0 keV (n,n') Level  
Legendre Coefficients

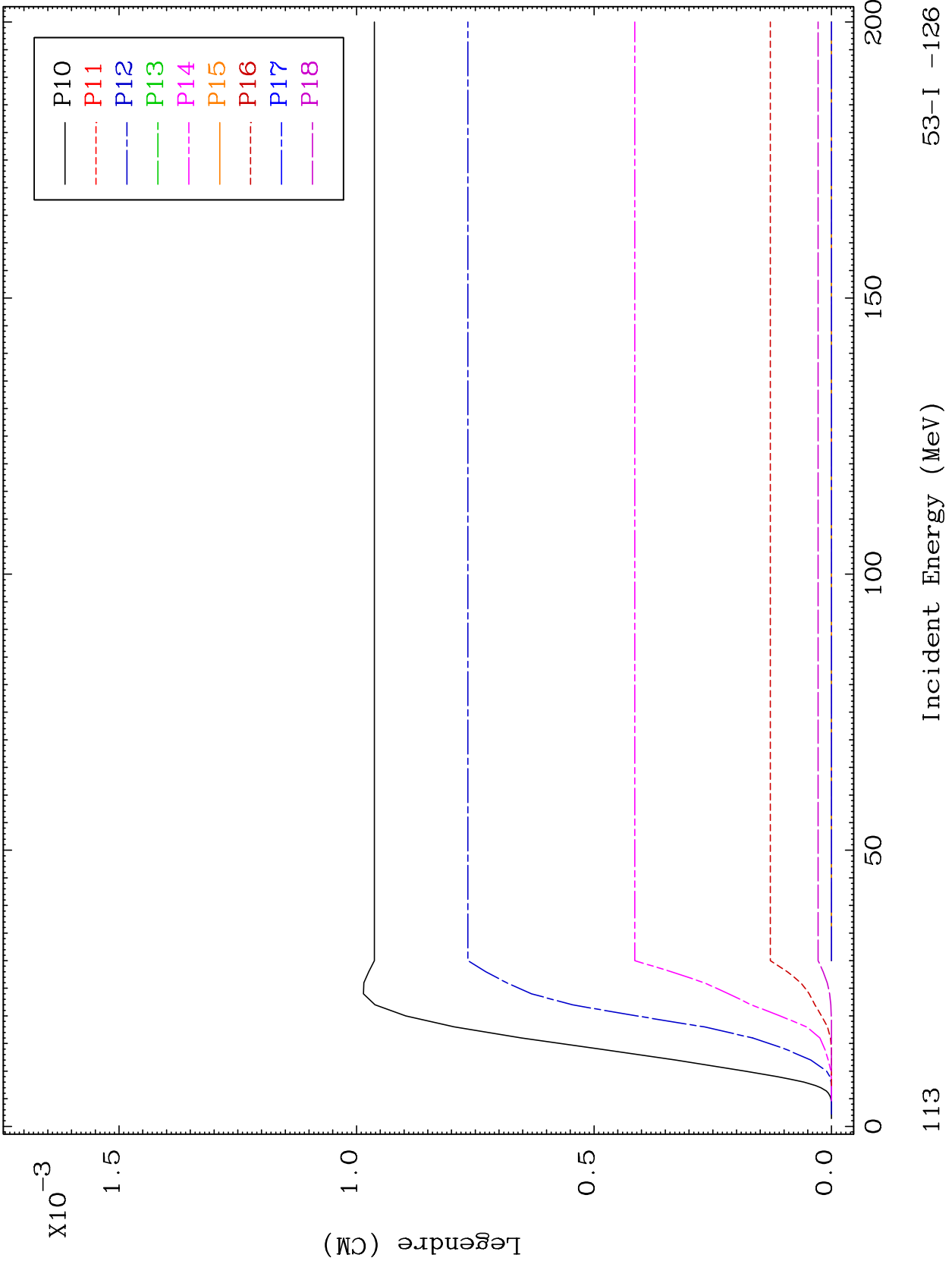
53-I -126



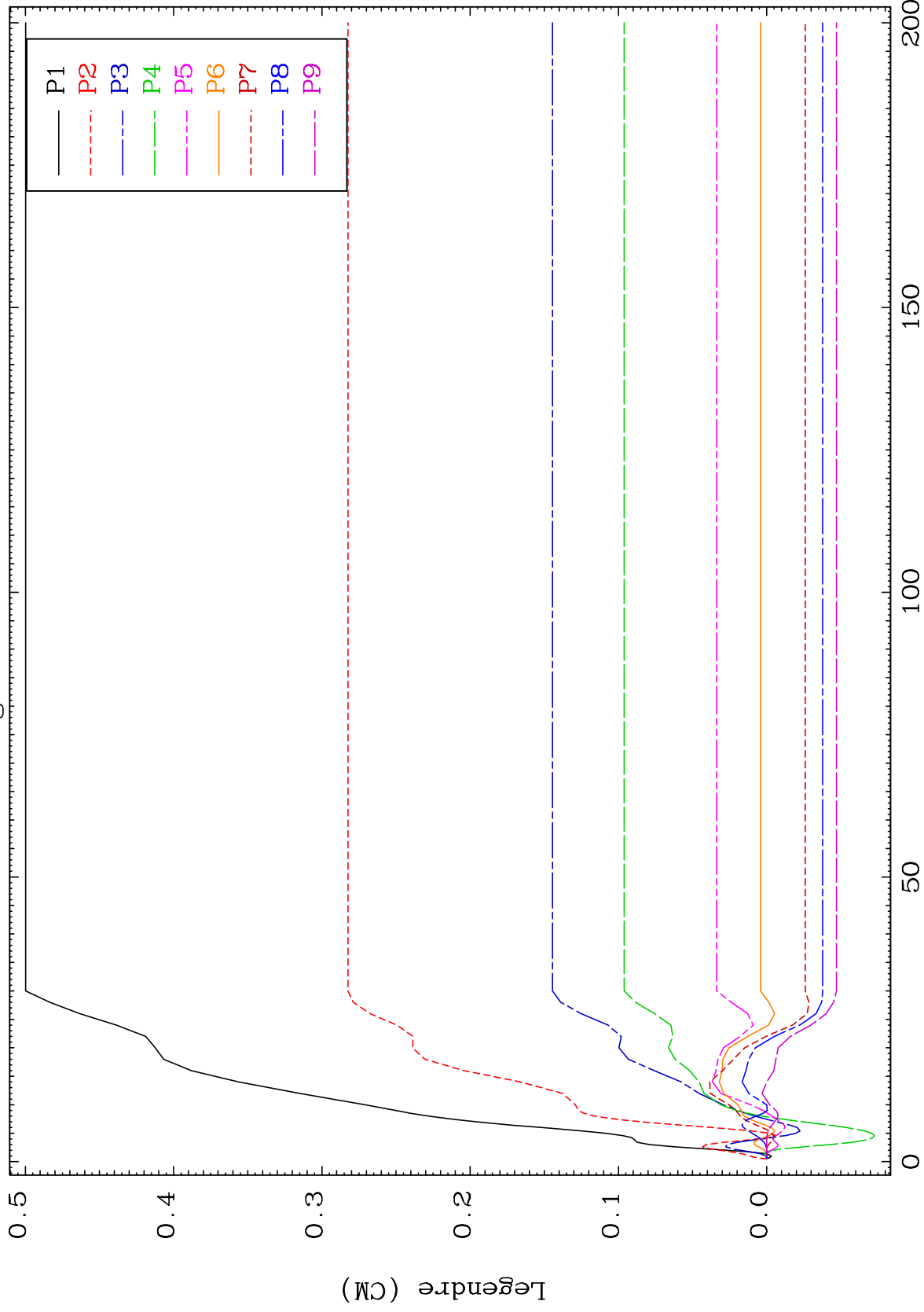
112

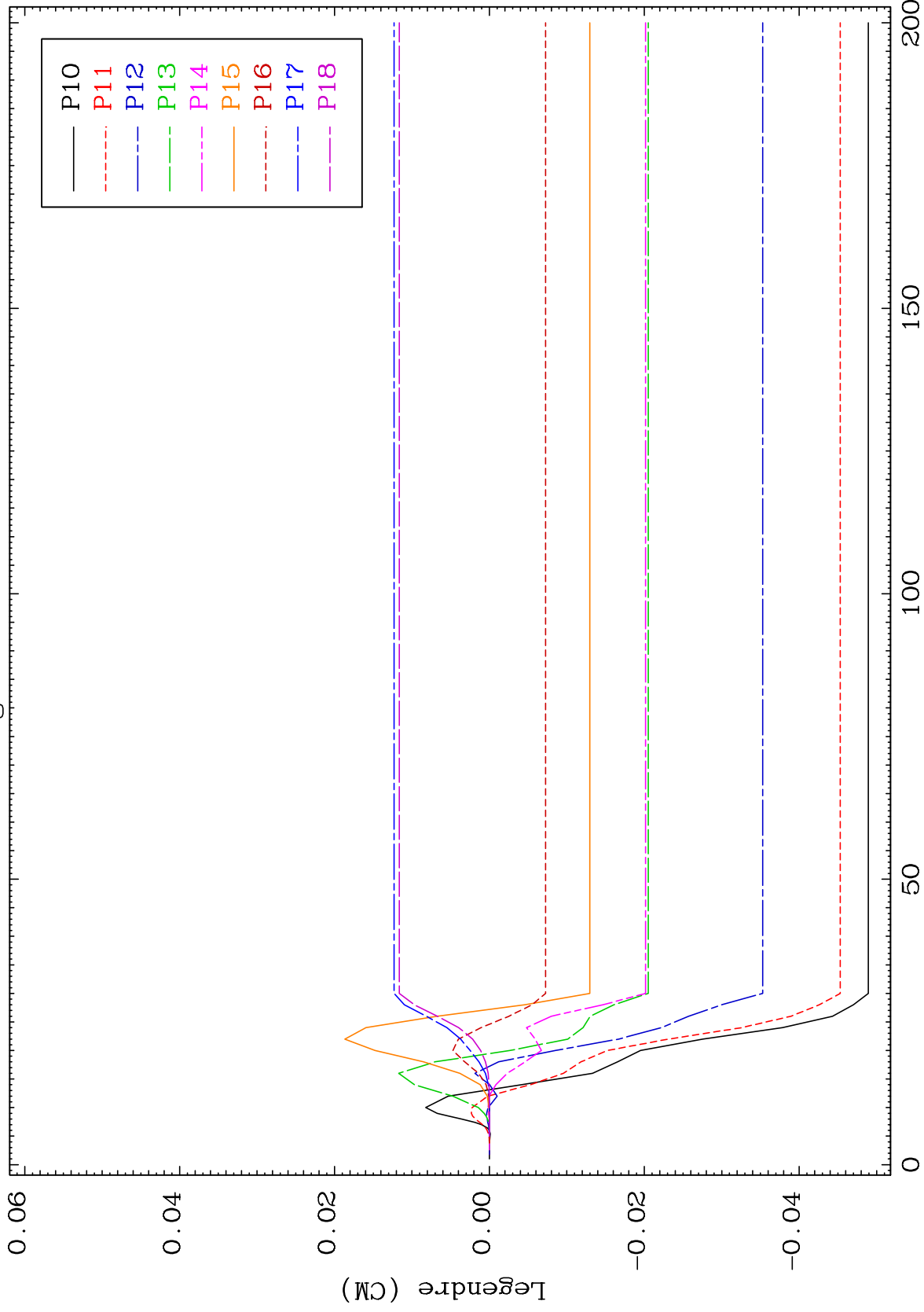
Incident Energy (MeV)

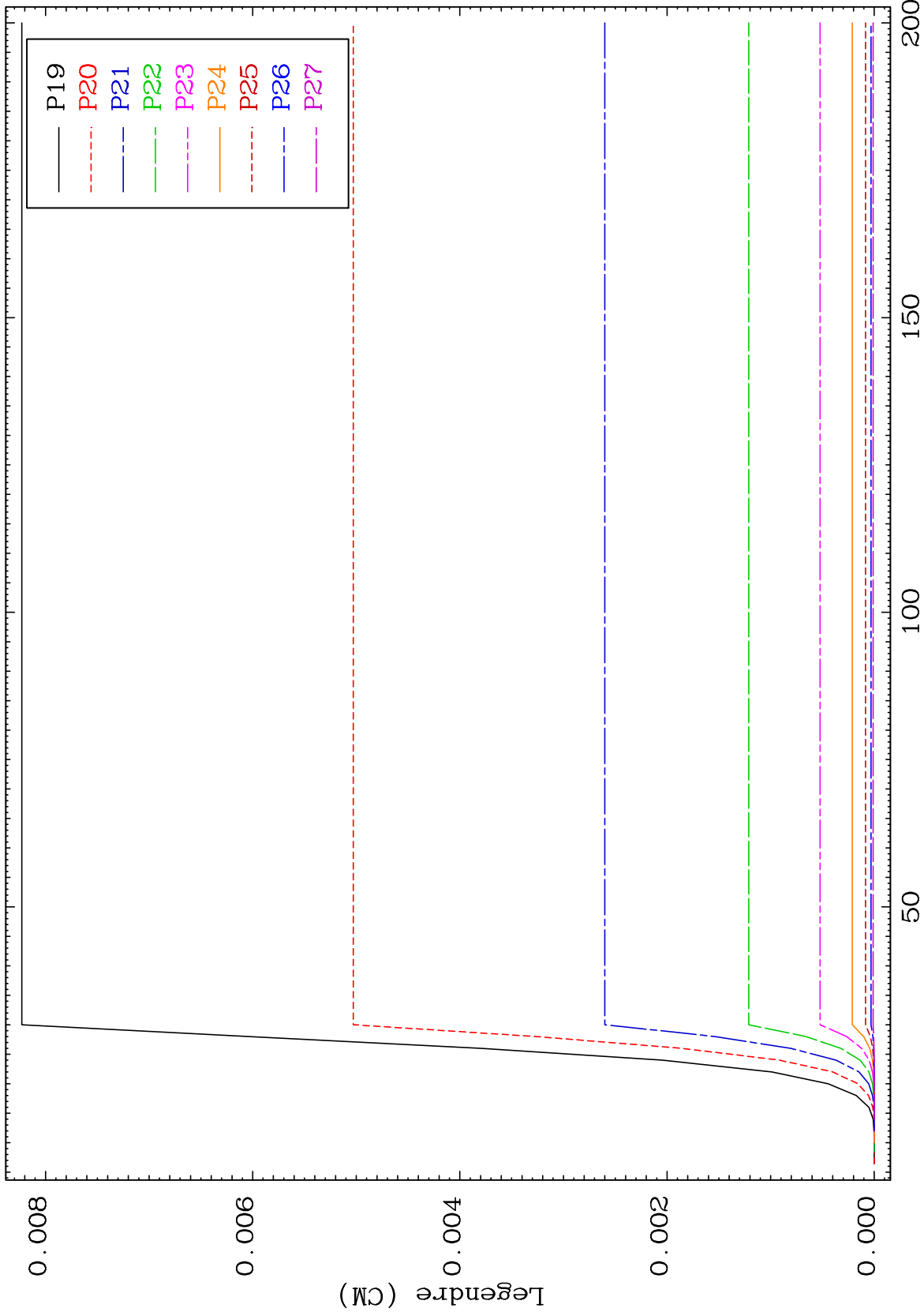
53-I -126







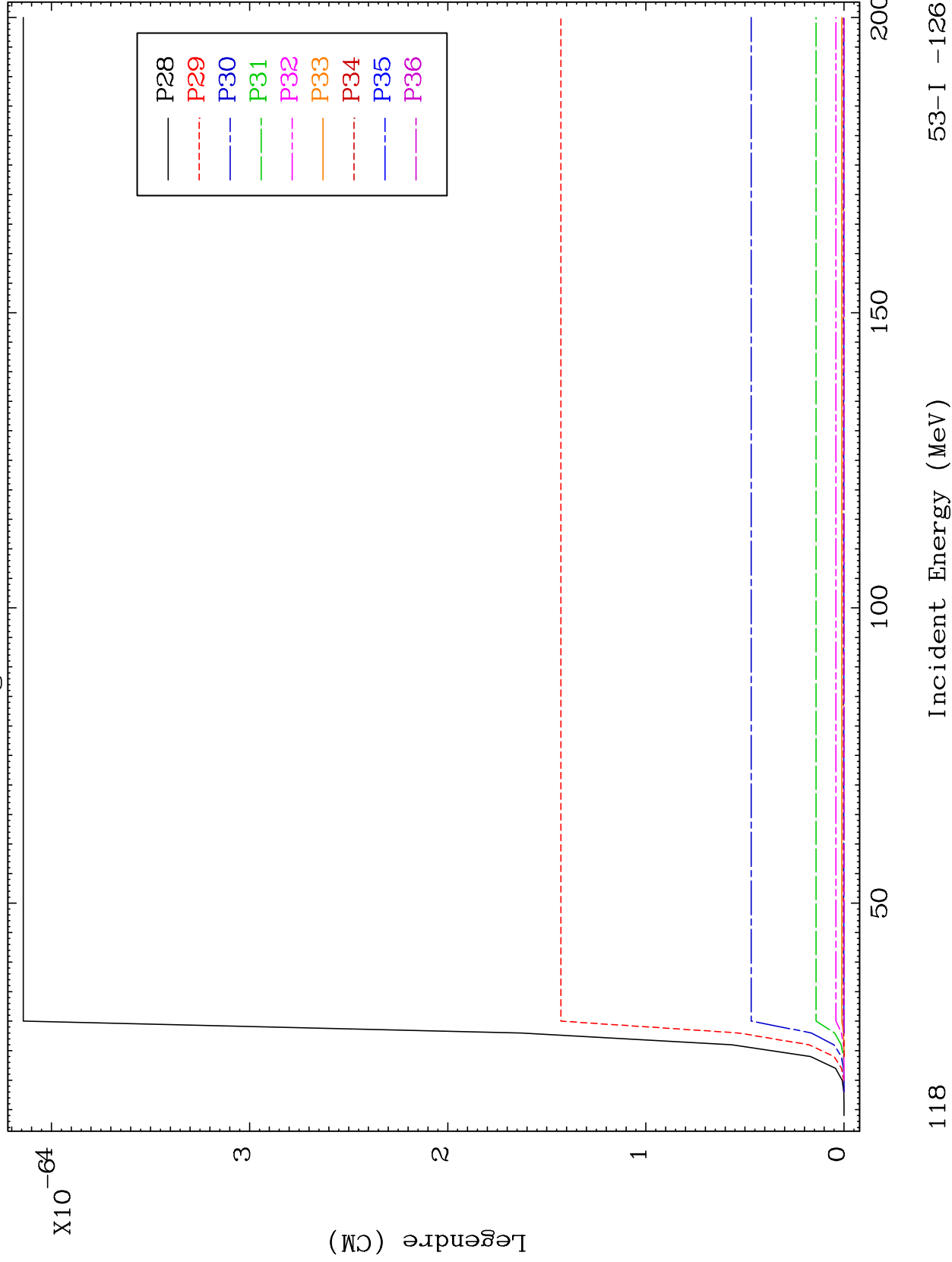




MAT 5322

479.0 keV (n,n') Level  
Legendre Coefficients

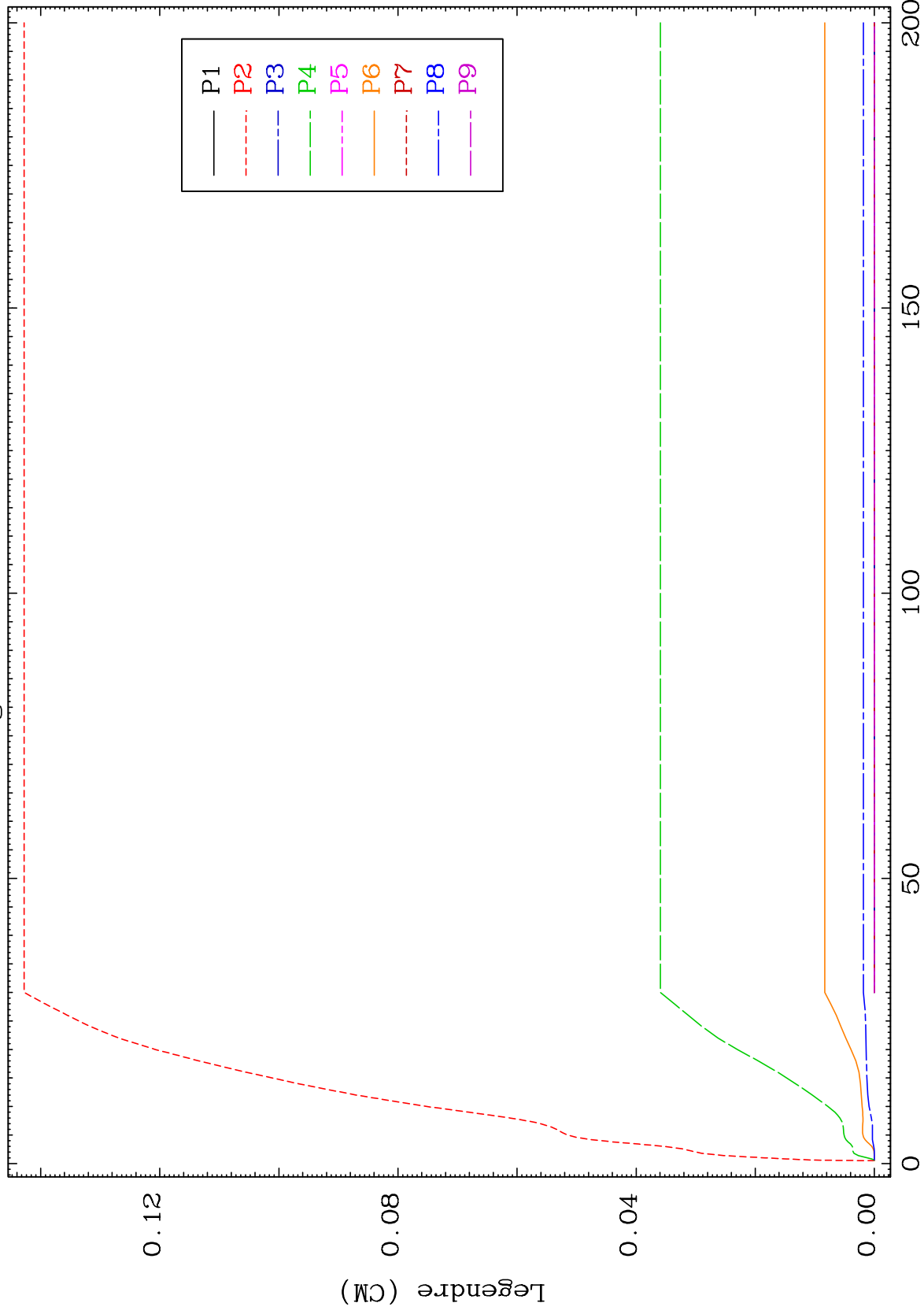
53-I -126



MAT 5322

491.0 keV (n,n') Level  
Legendre Coefficients

53-I -126

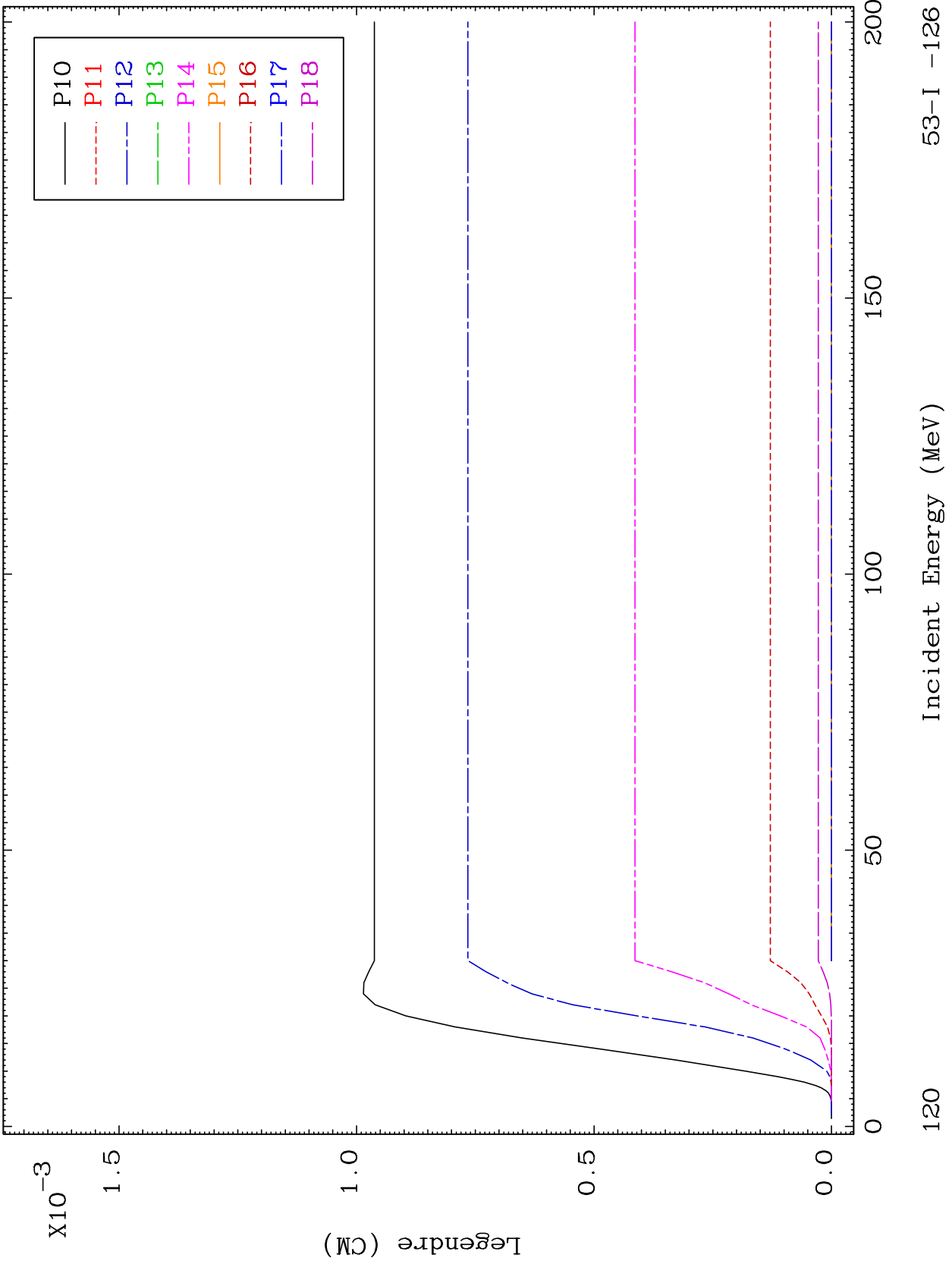


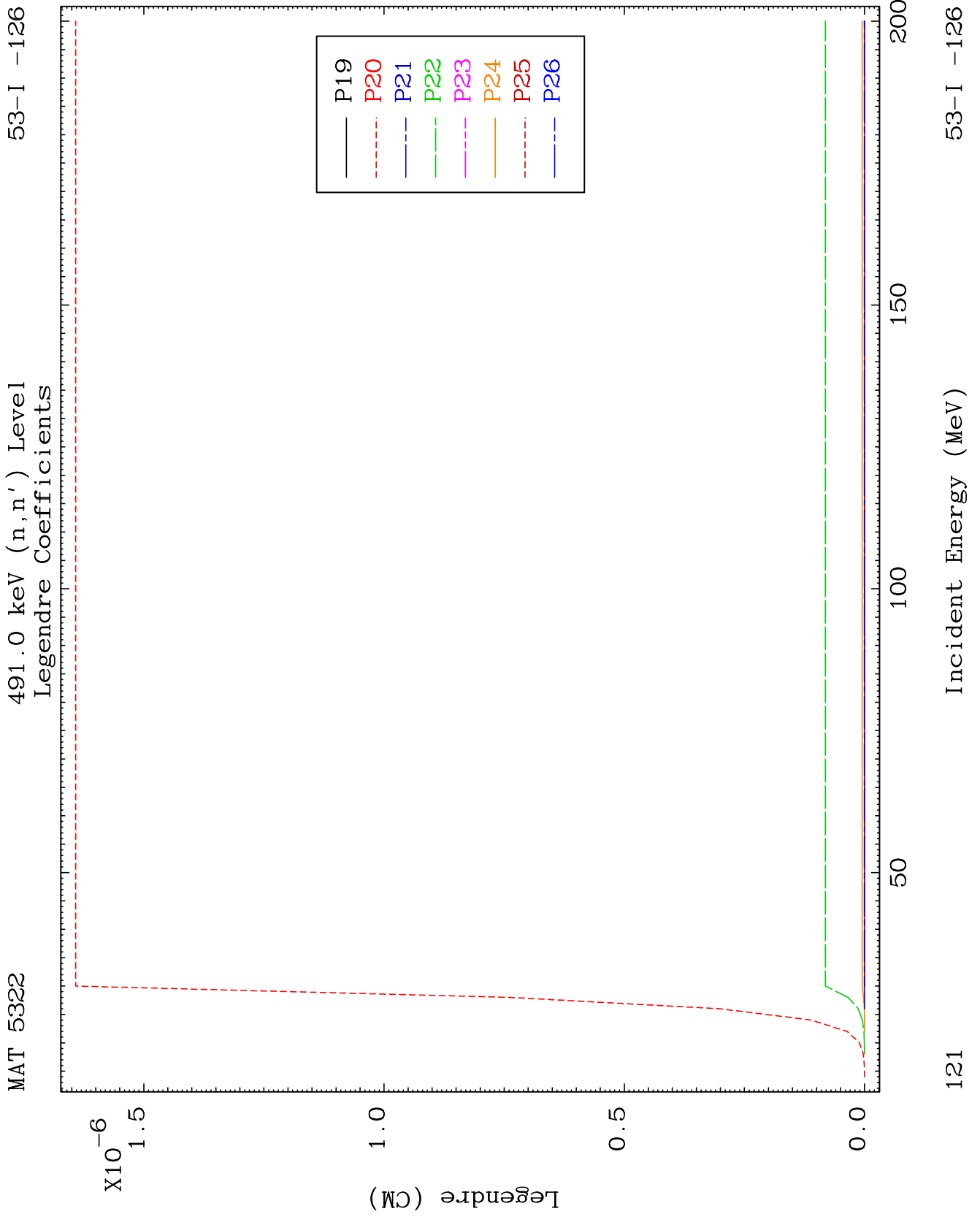
119

Incident Energy (MeV)

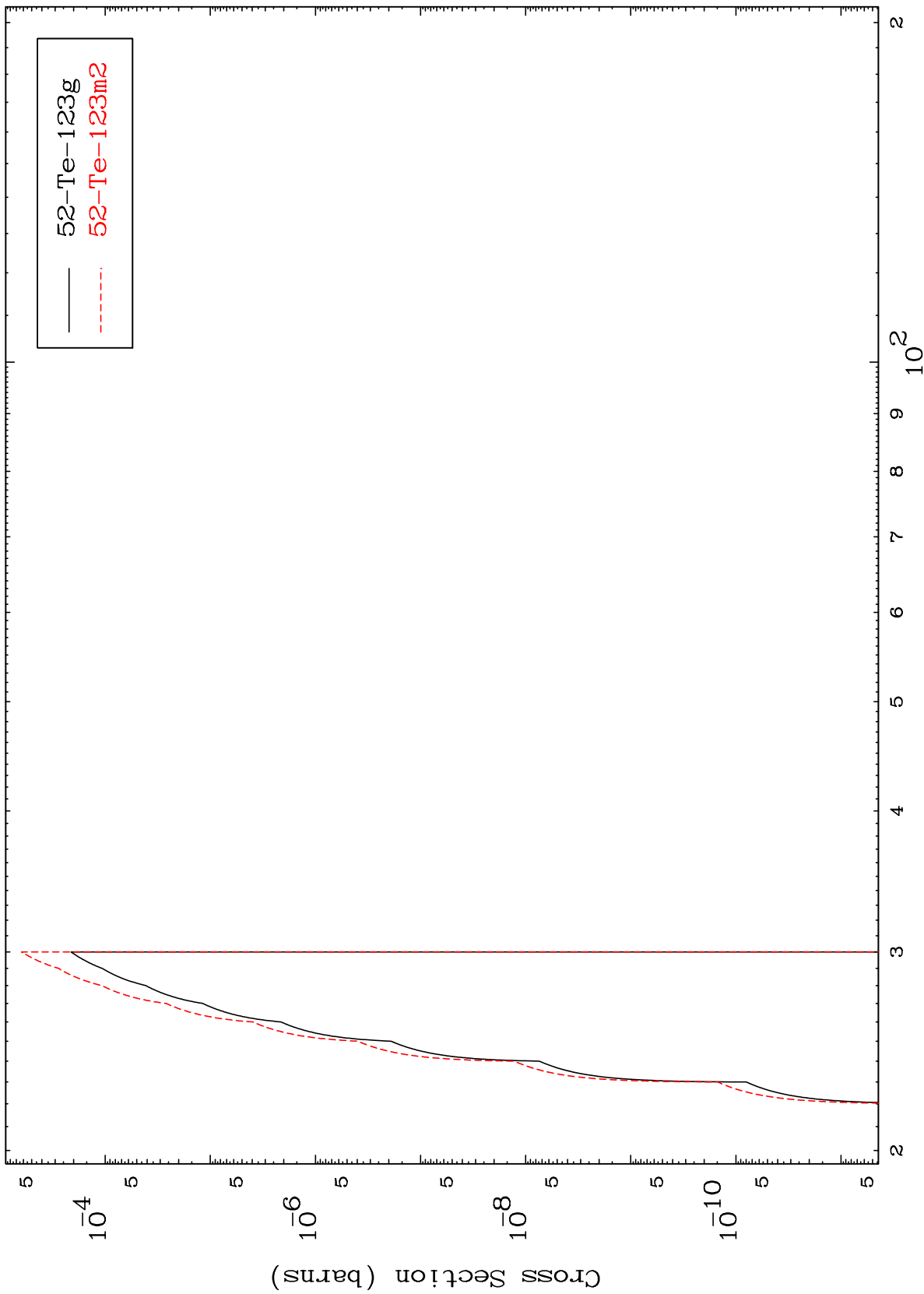
53-I -126



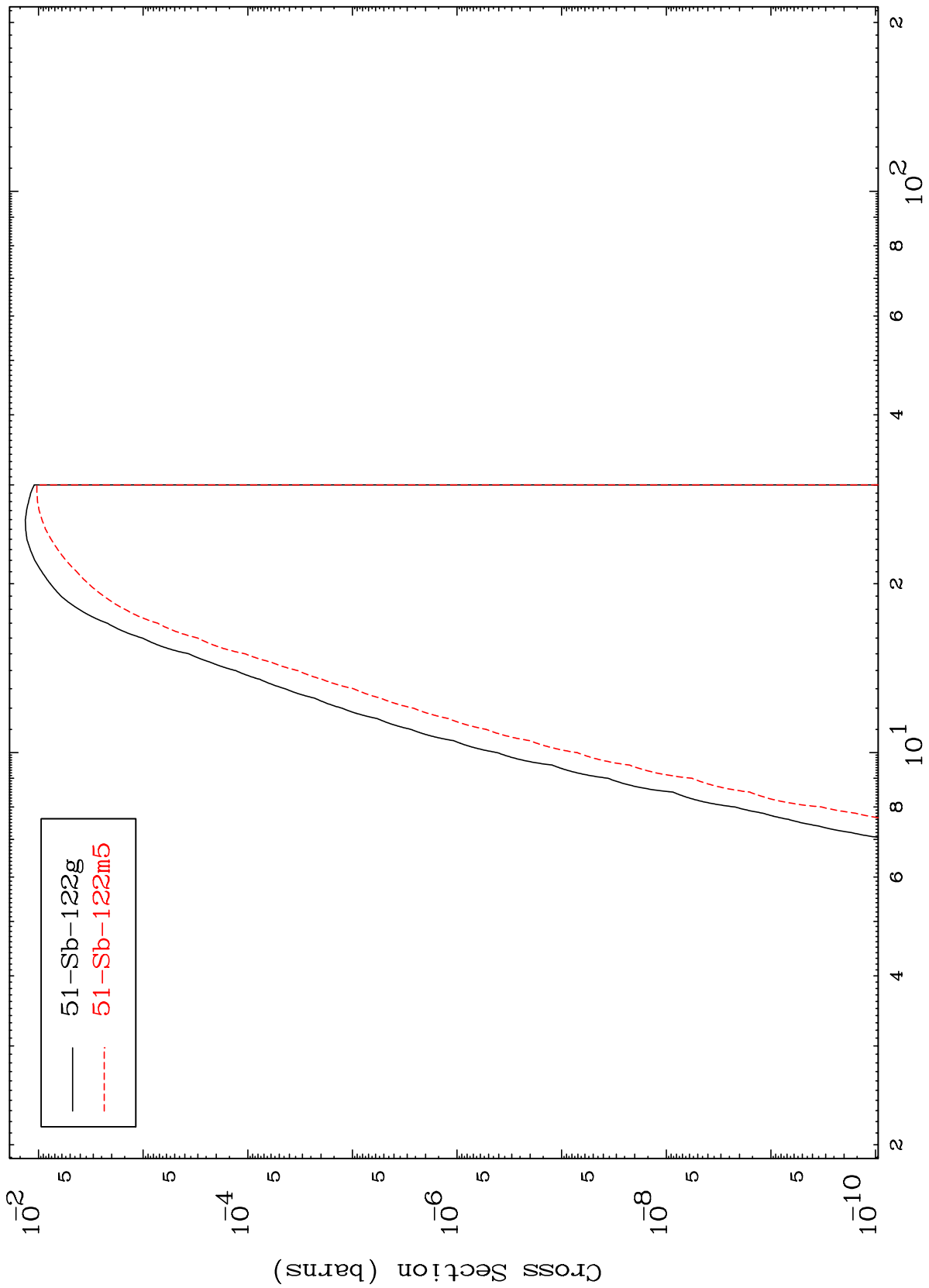




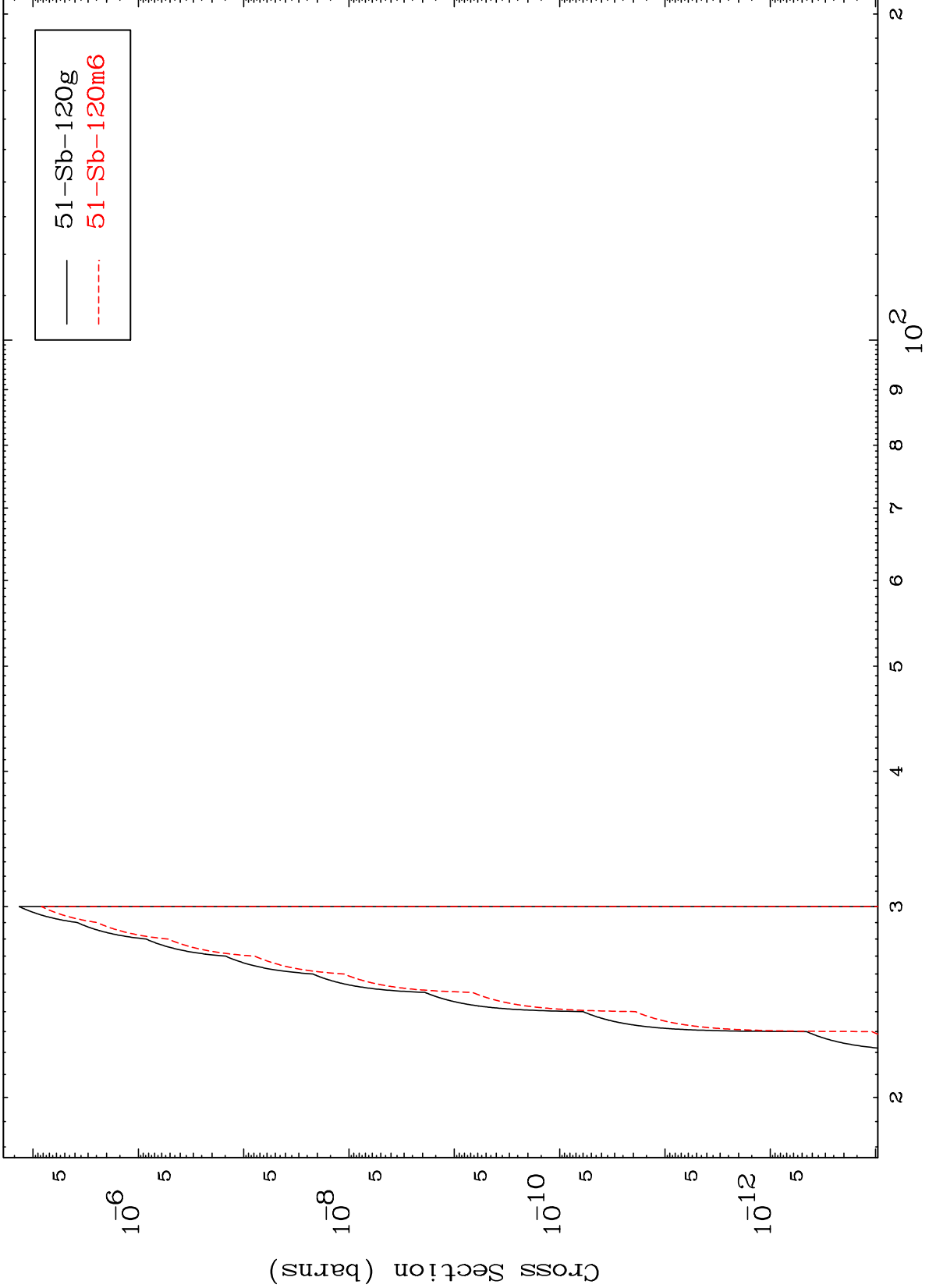
Radionuclide Production Cross Section



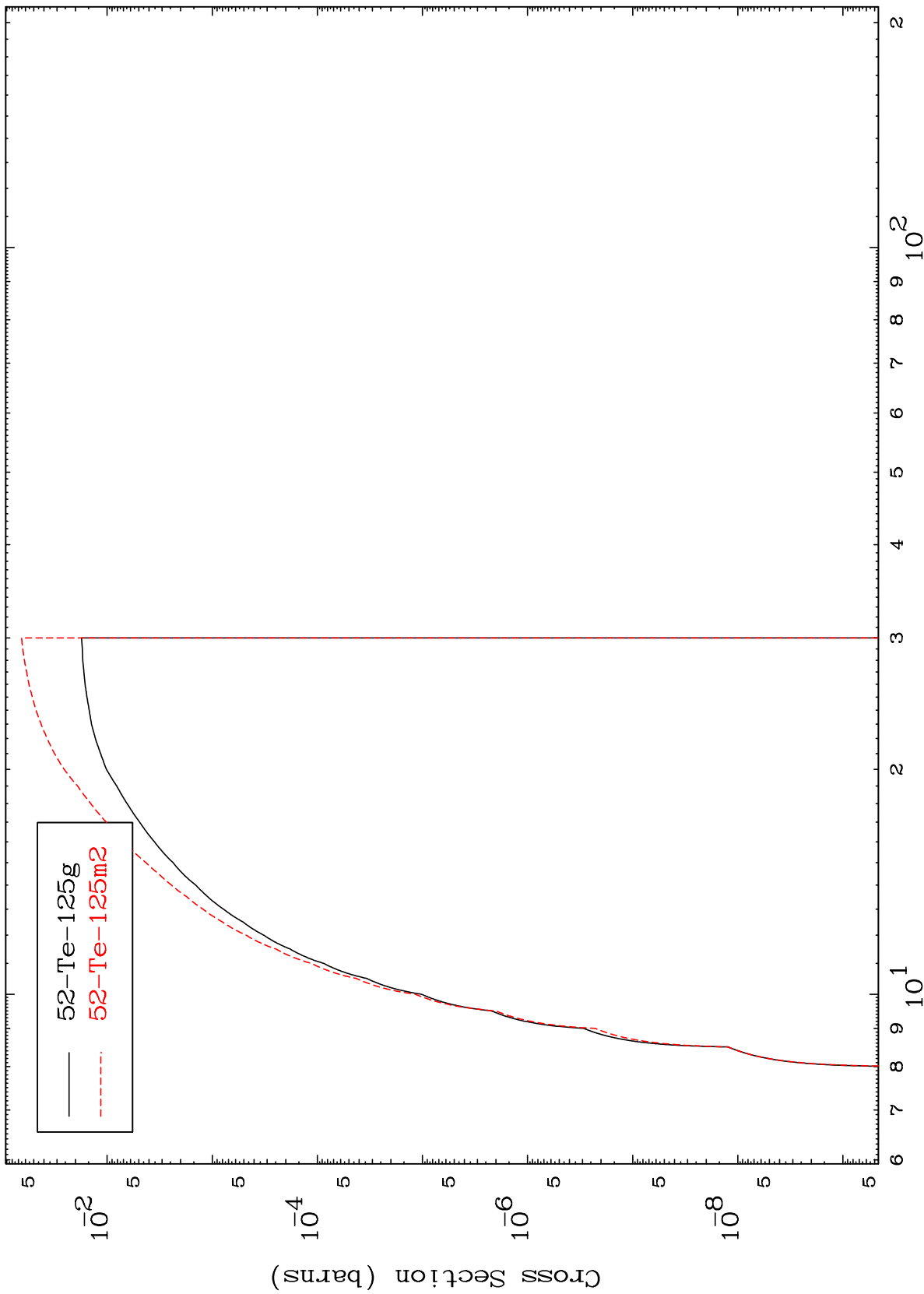
Radionuclide Production Cross Section

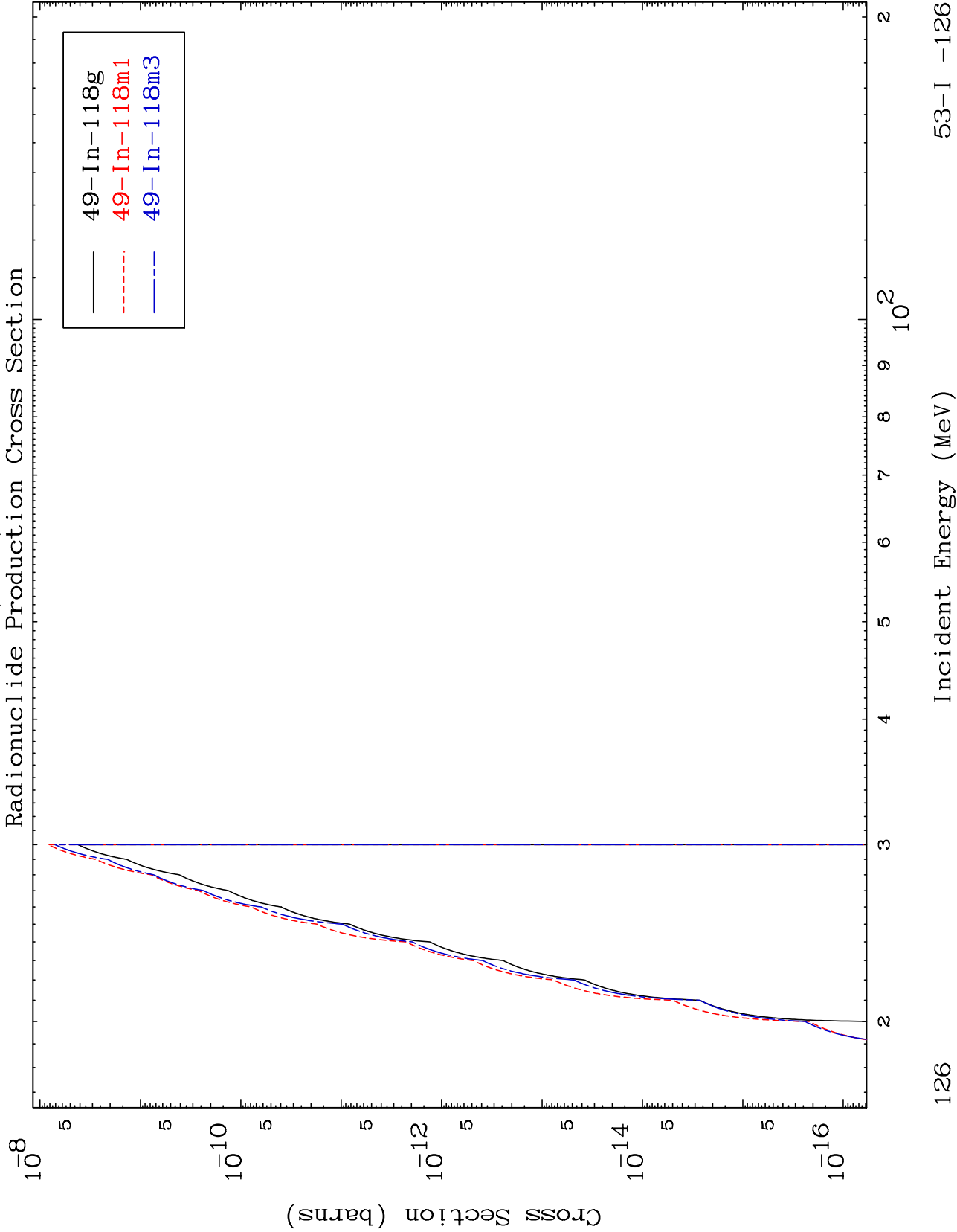


Radionuclide Production Cross Section

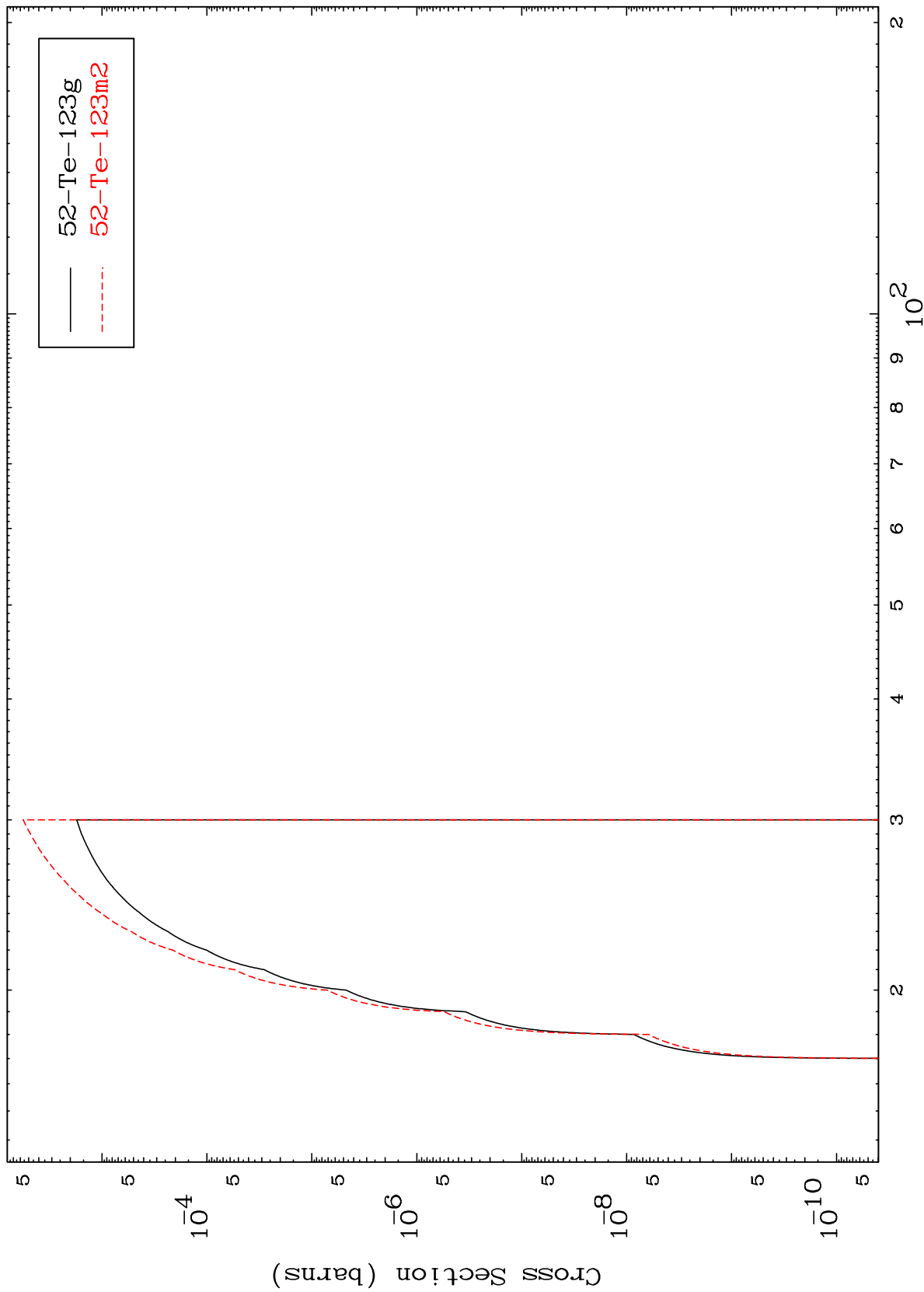


Radionuclide Production Cross Section



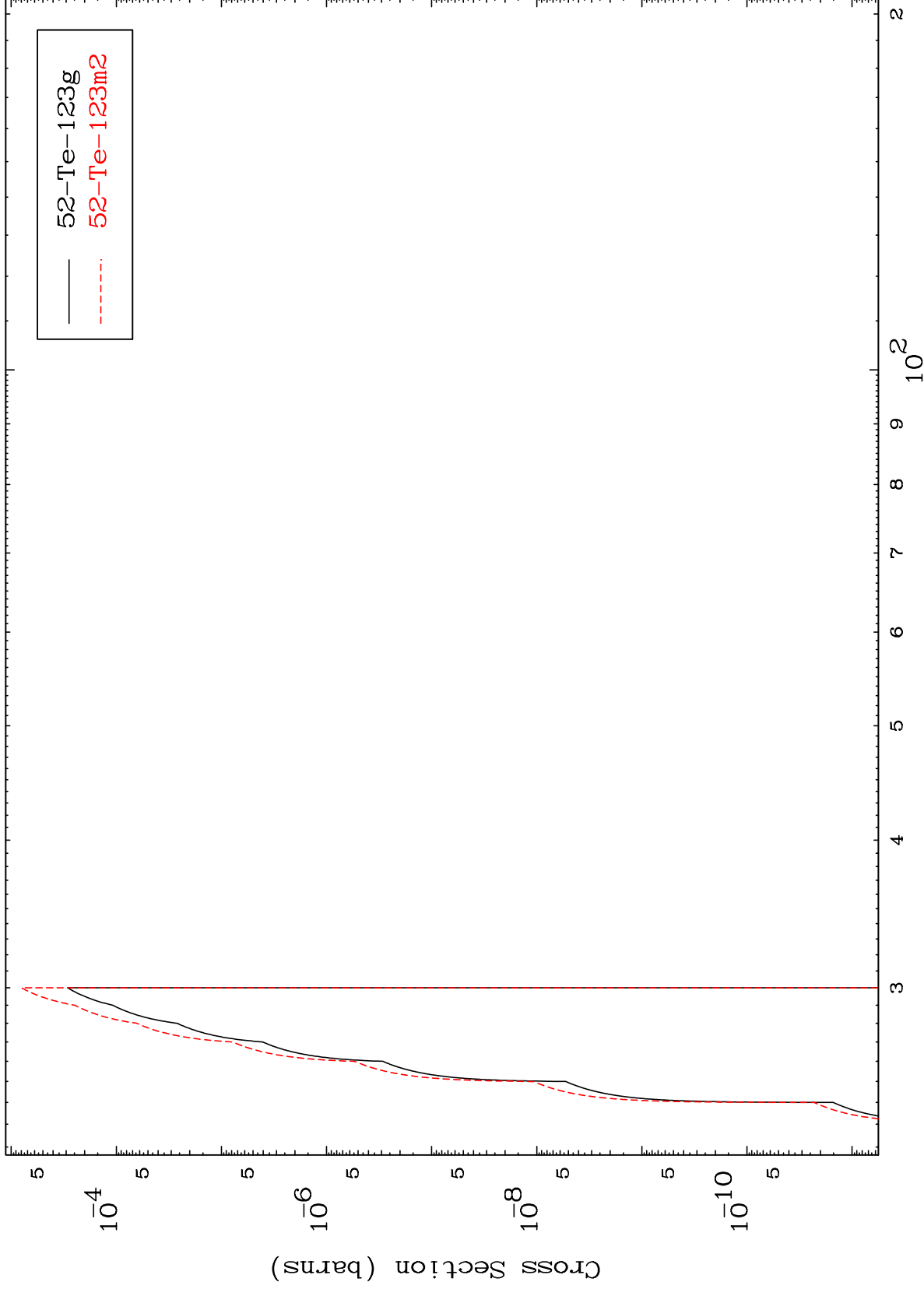


Radionuclide Production Cross Section

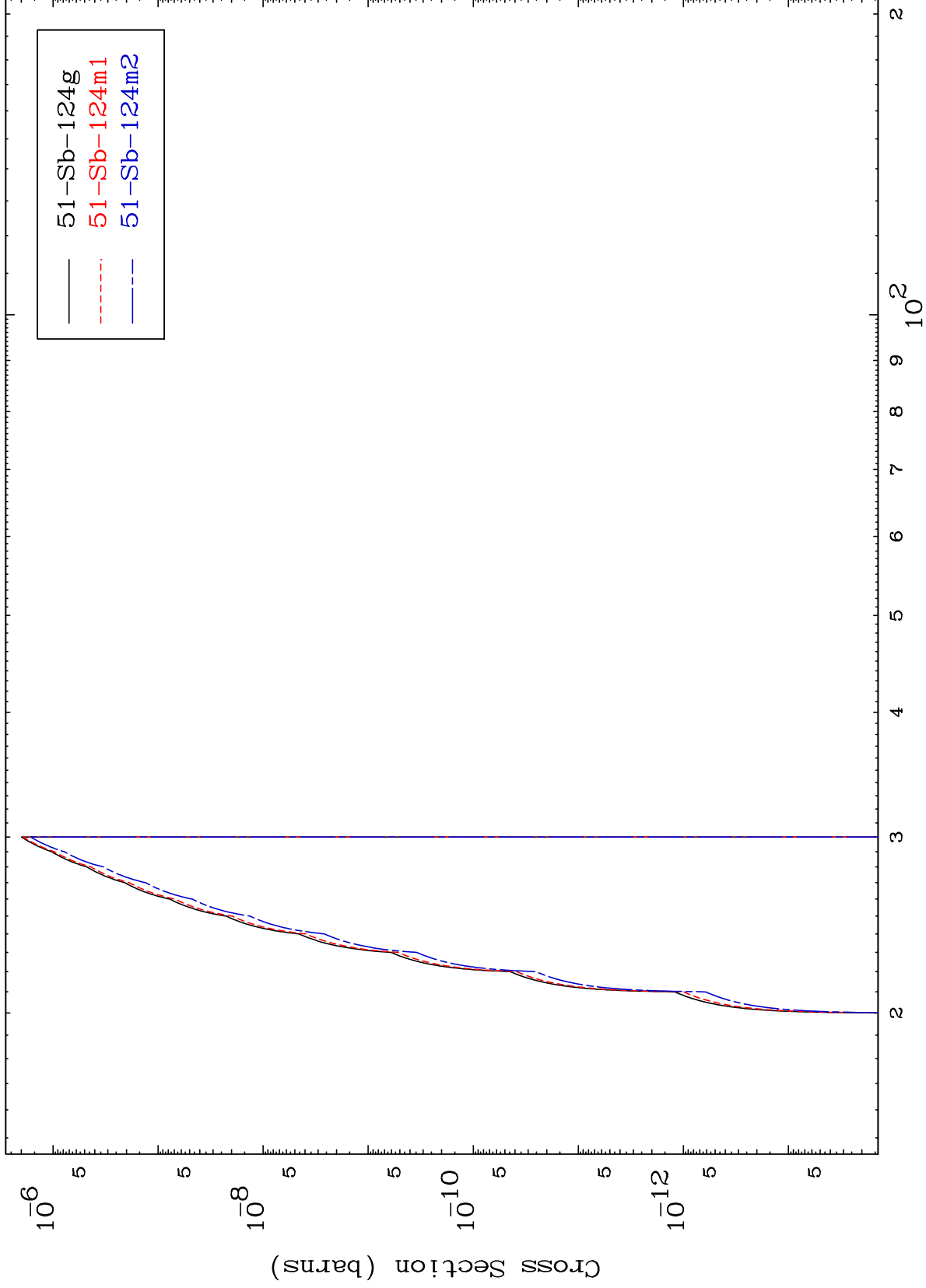




Radionuclide Production Cross Section



Radionuclide Production Cross Section

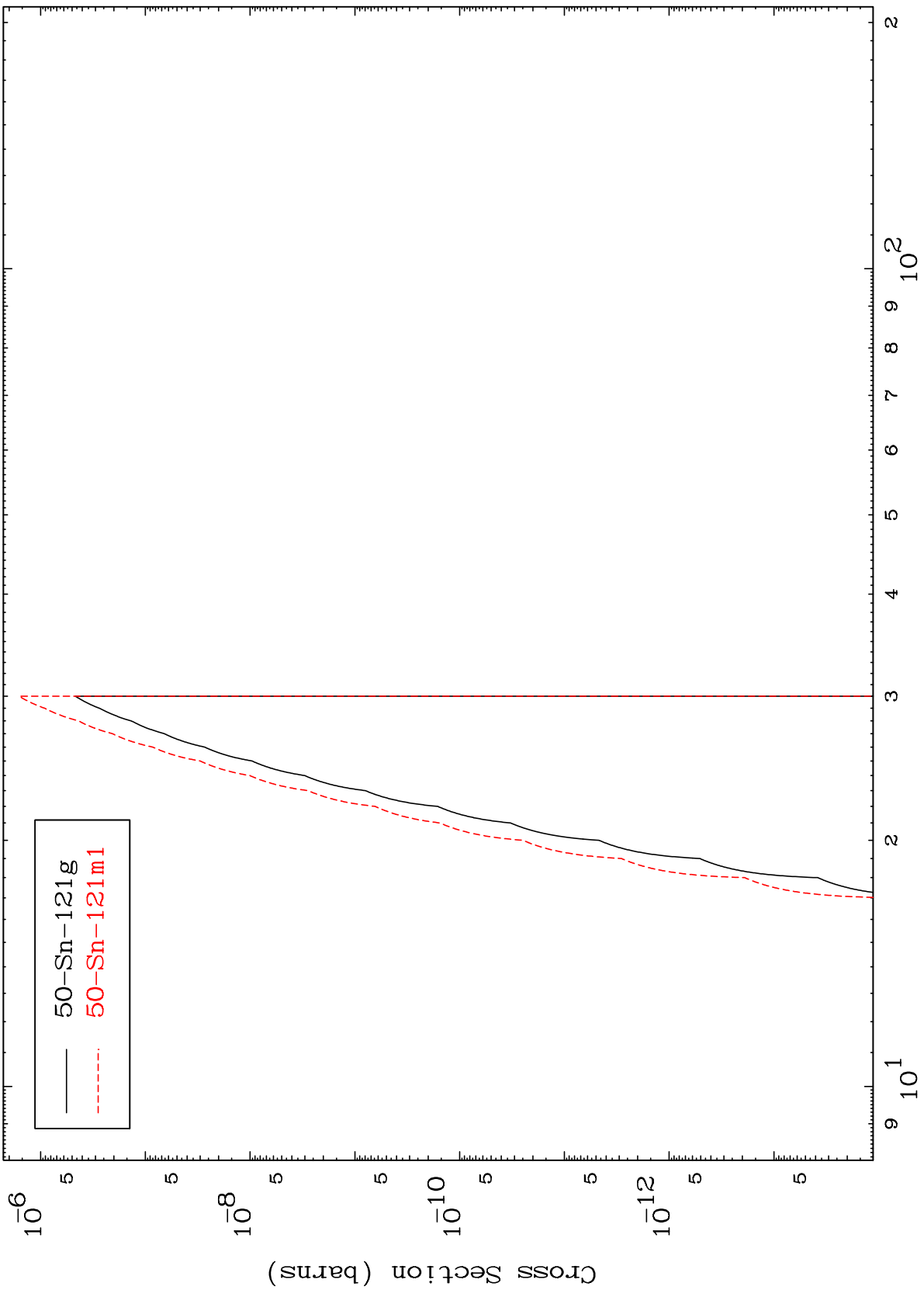


MAT 5322

(n,n') p  $\alpha$

53-I -126

Radionuclide Production Cross Section



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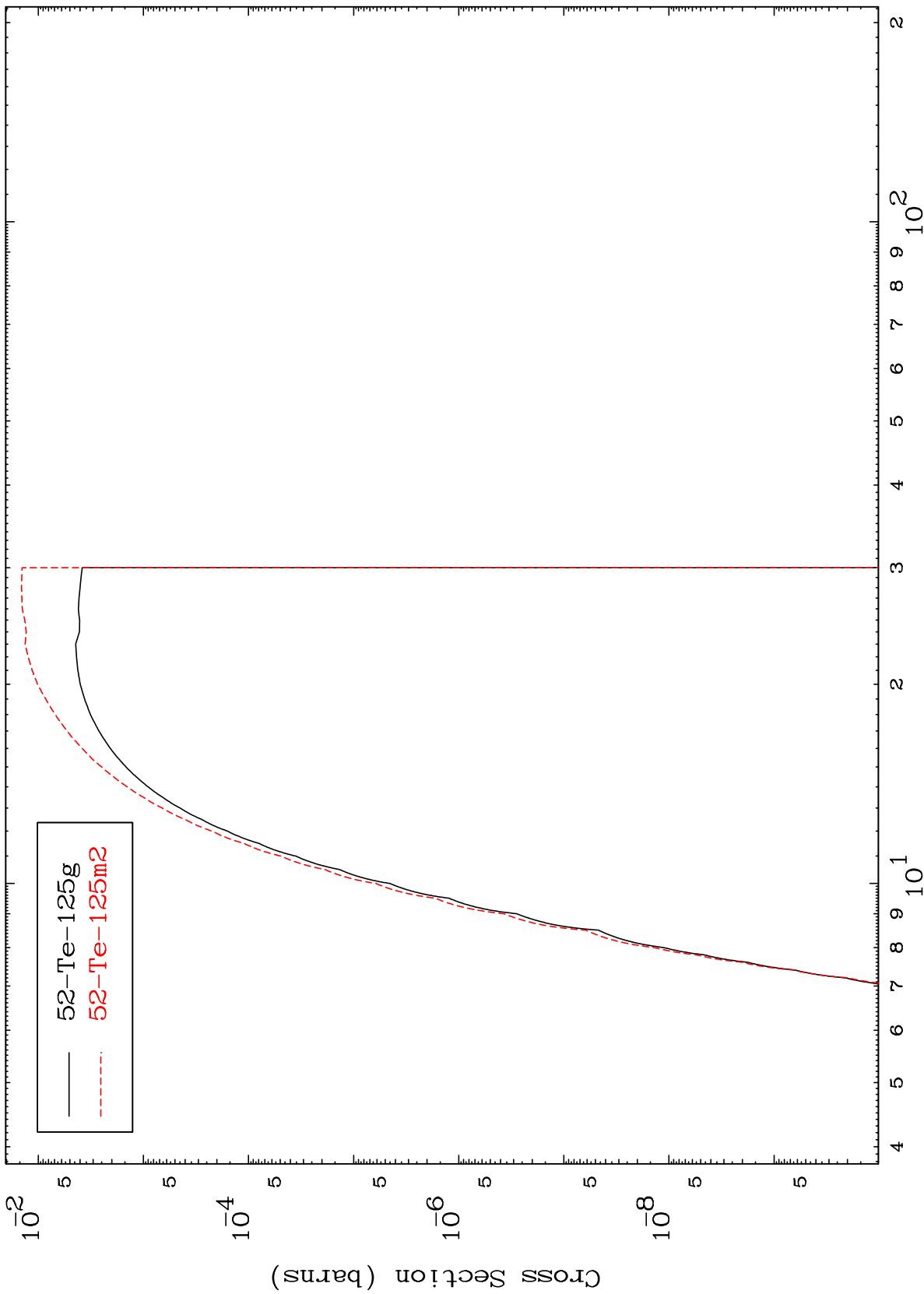
Incident Energy (MeV)

53-I -126

MAT 5322

53-I -126

(n,d)  
Radionuclide Production Cross Section

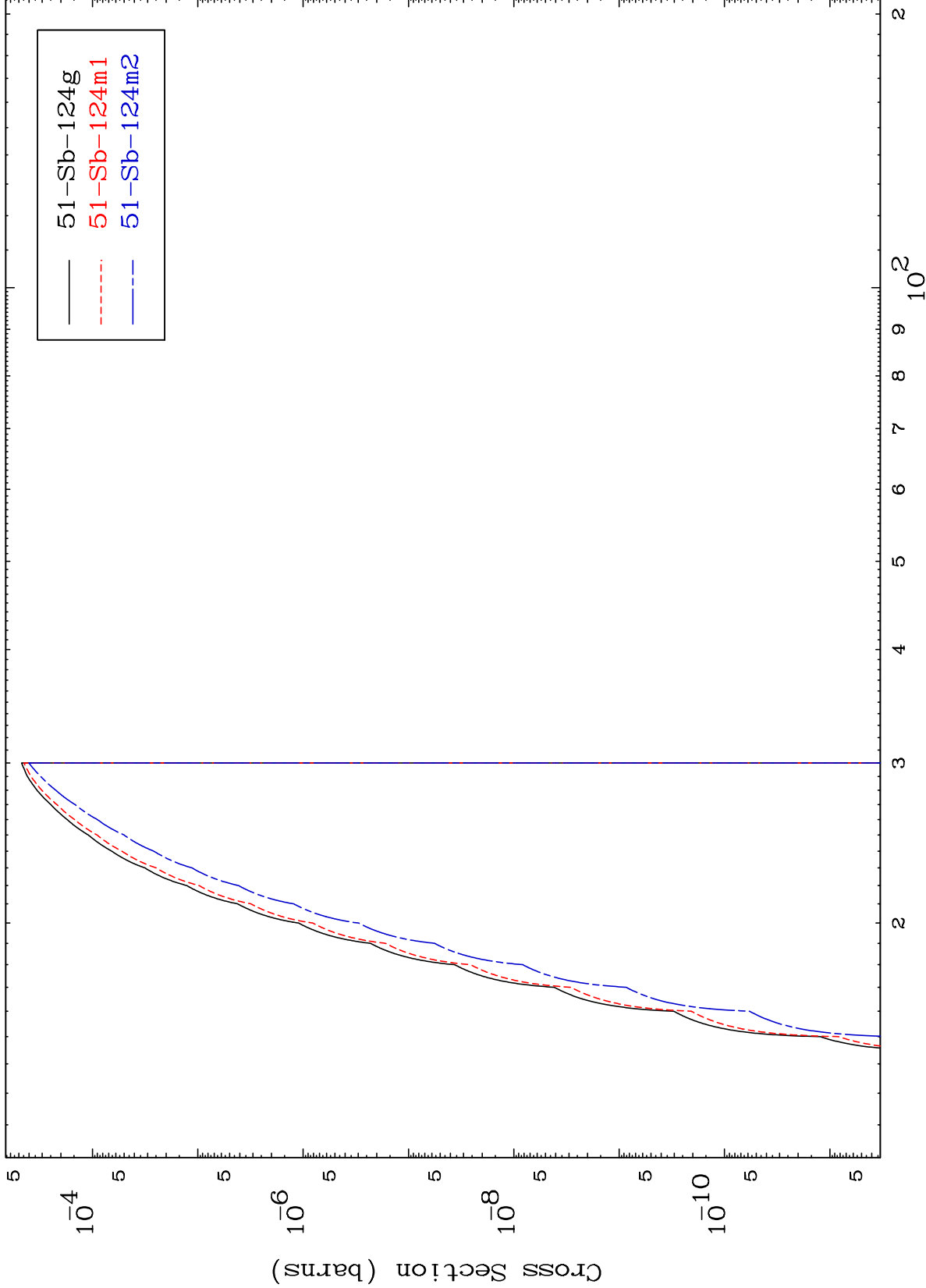


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53-I -126

Incident Energy (MeV)

Radionuclide Production Cross Section

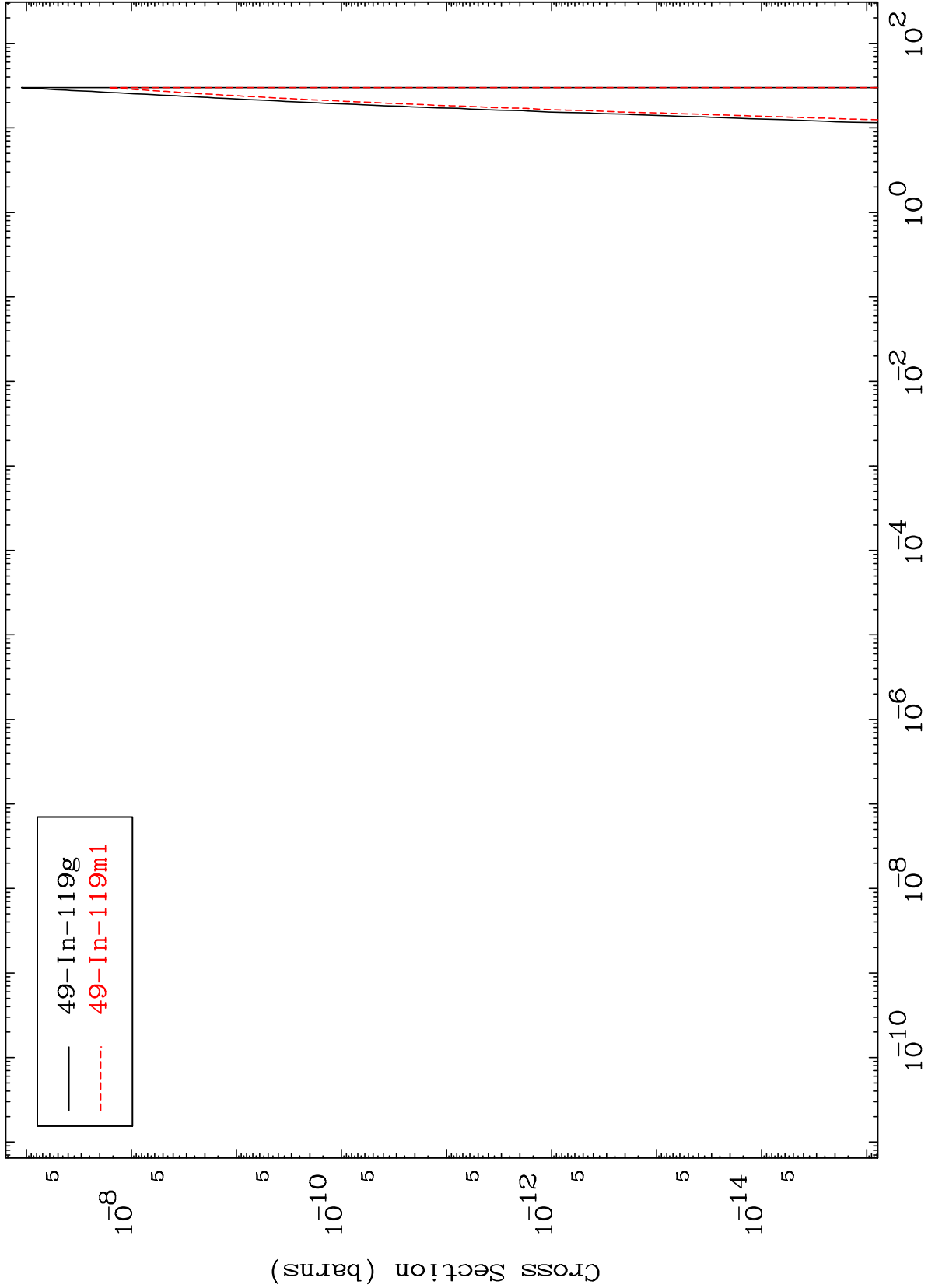


MAT 5322

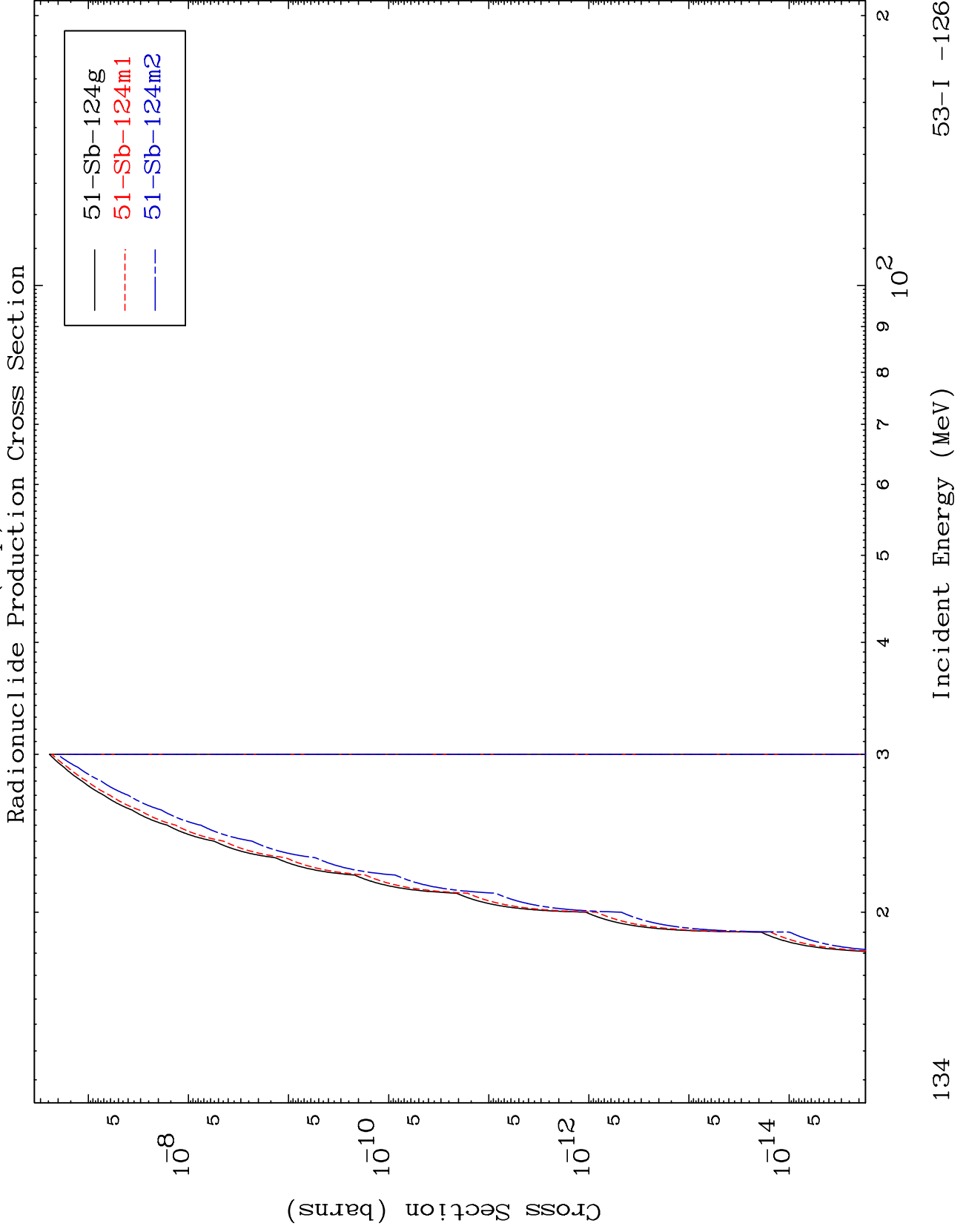
(n,2α)

53-I -126

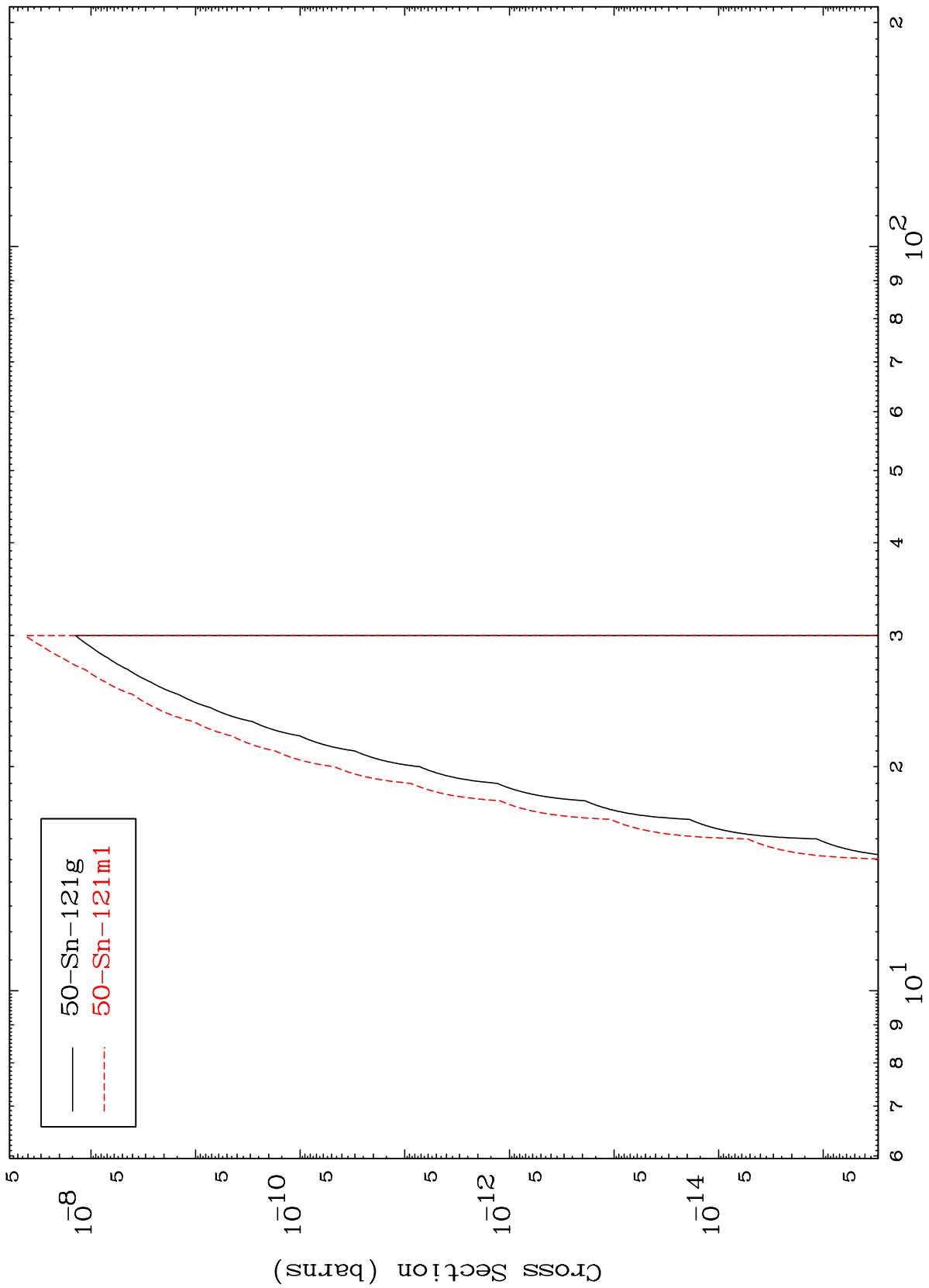
Radionuclide Production Cross Section



— 49-In-119g  
- - - 49-In-119m1



Radionuclide Production Cross Section



— 50-Sn-121g  
- - - 50-Sn-121m1