

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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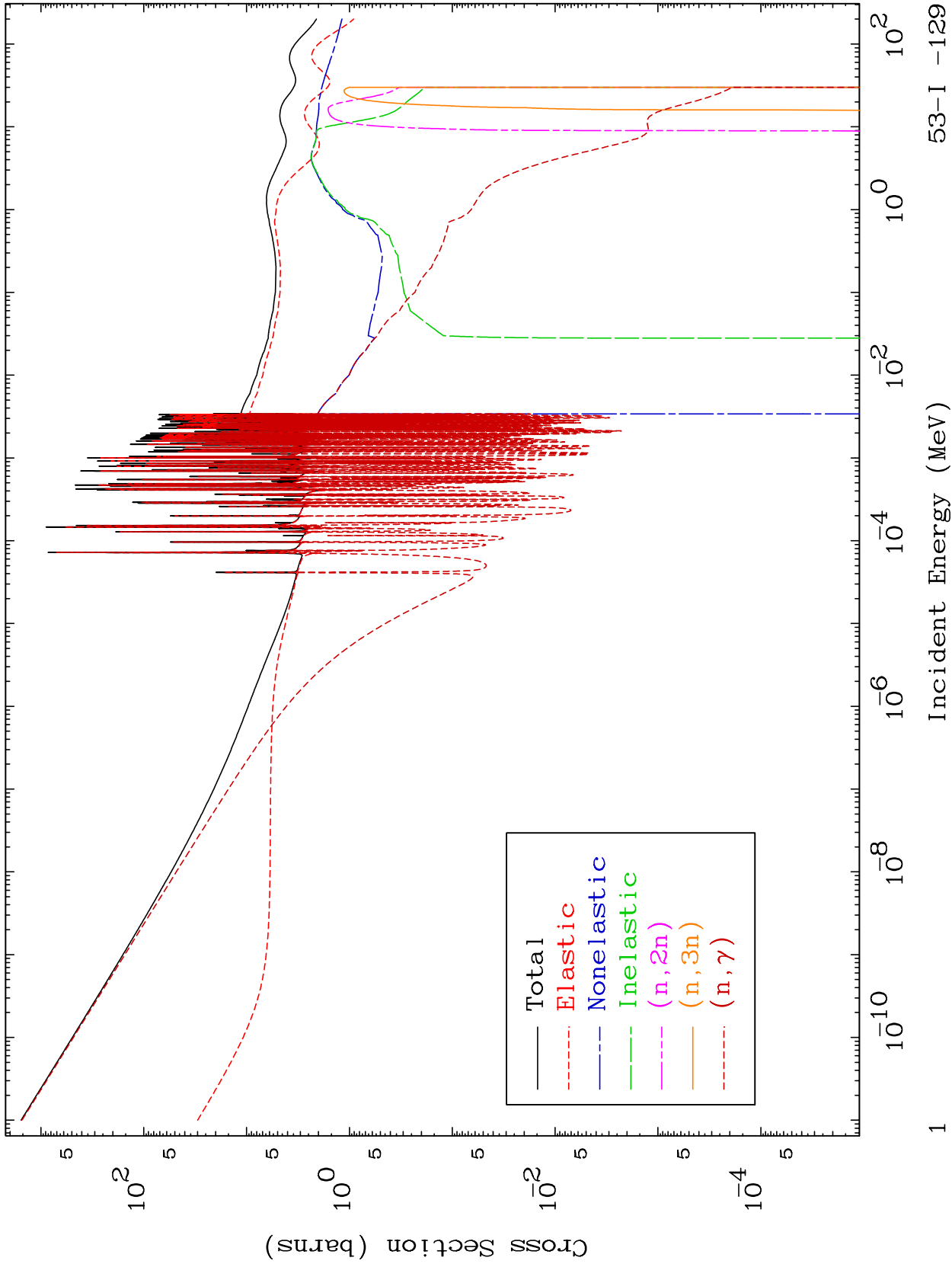
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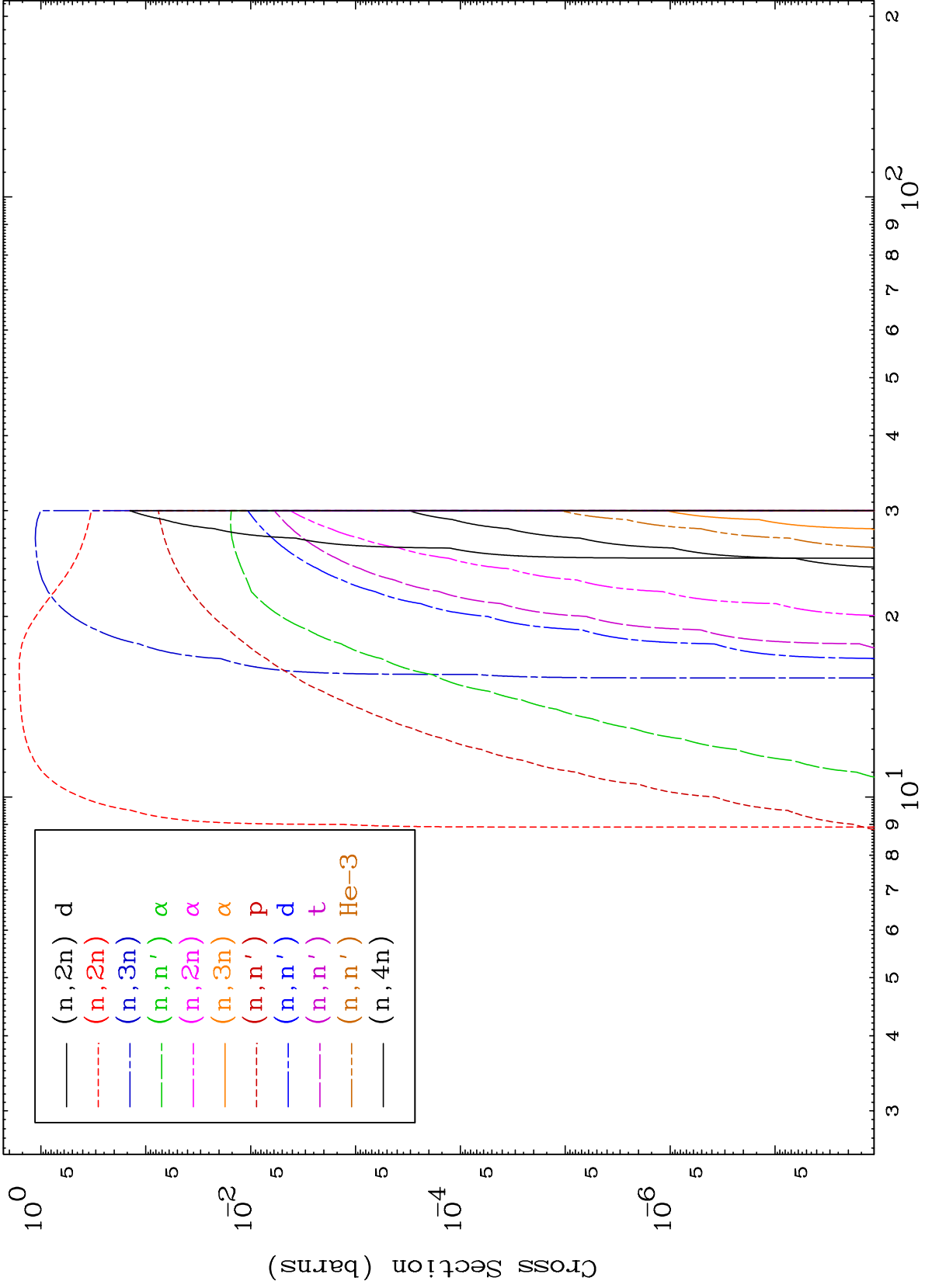
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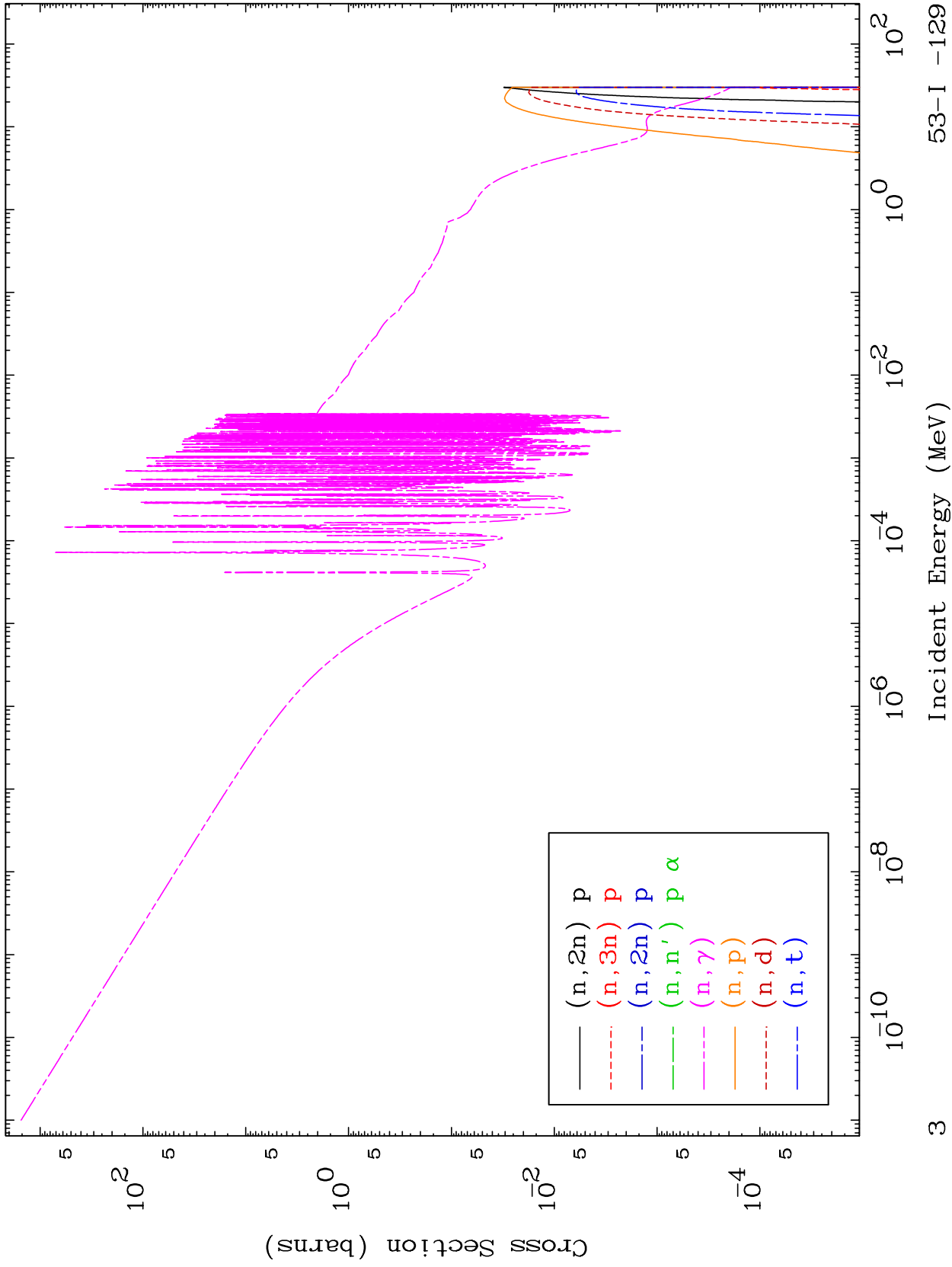
MAT 5331

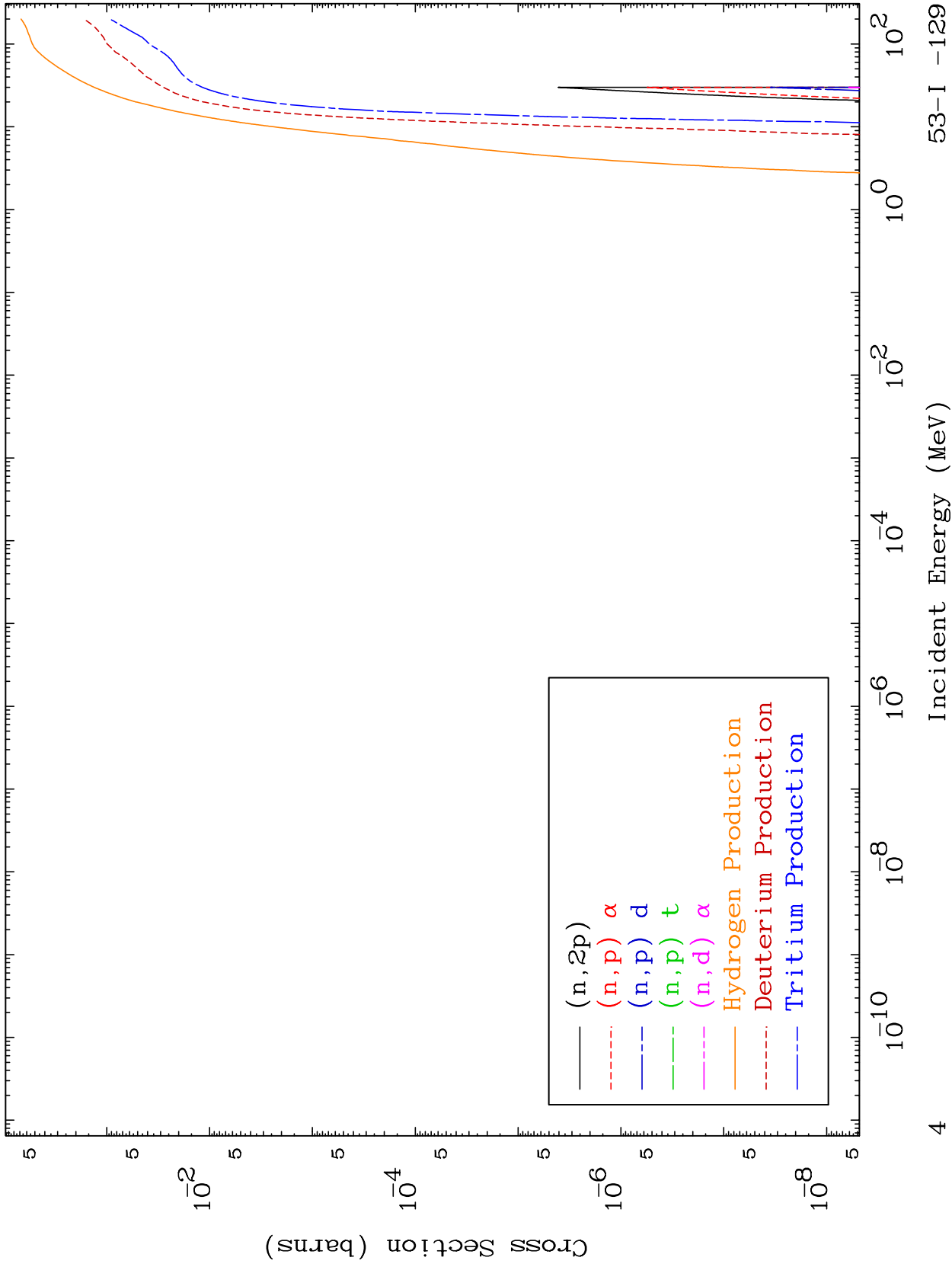
Neutron Major  
293 Kelvin Cross Sections

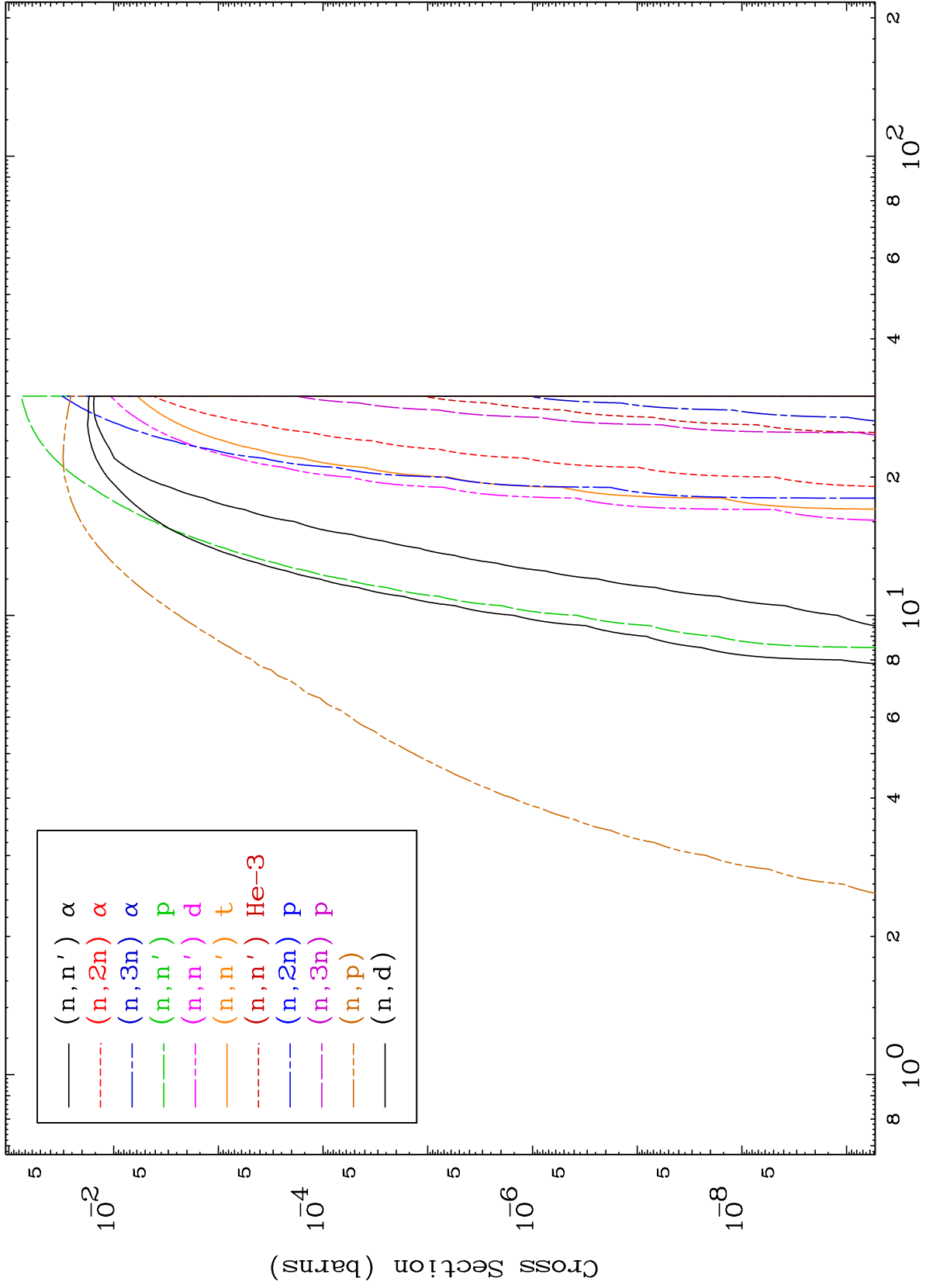
53-I -129







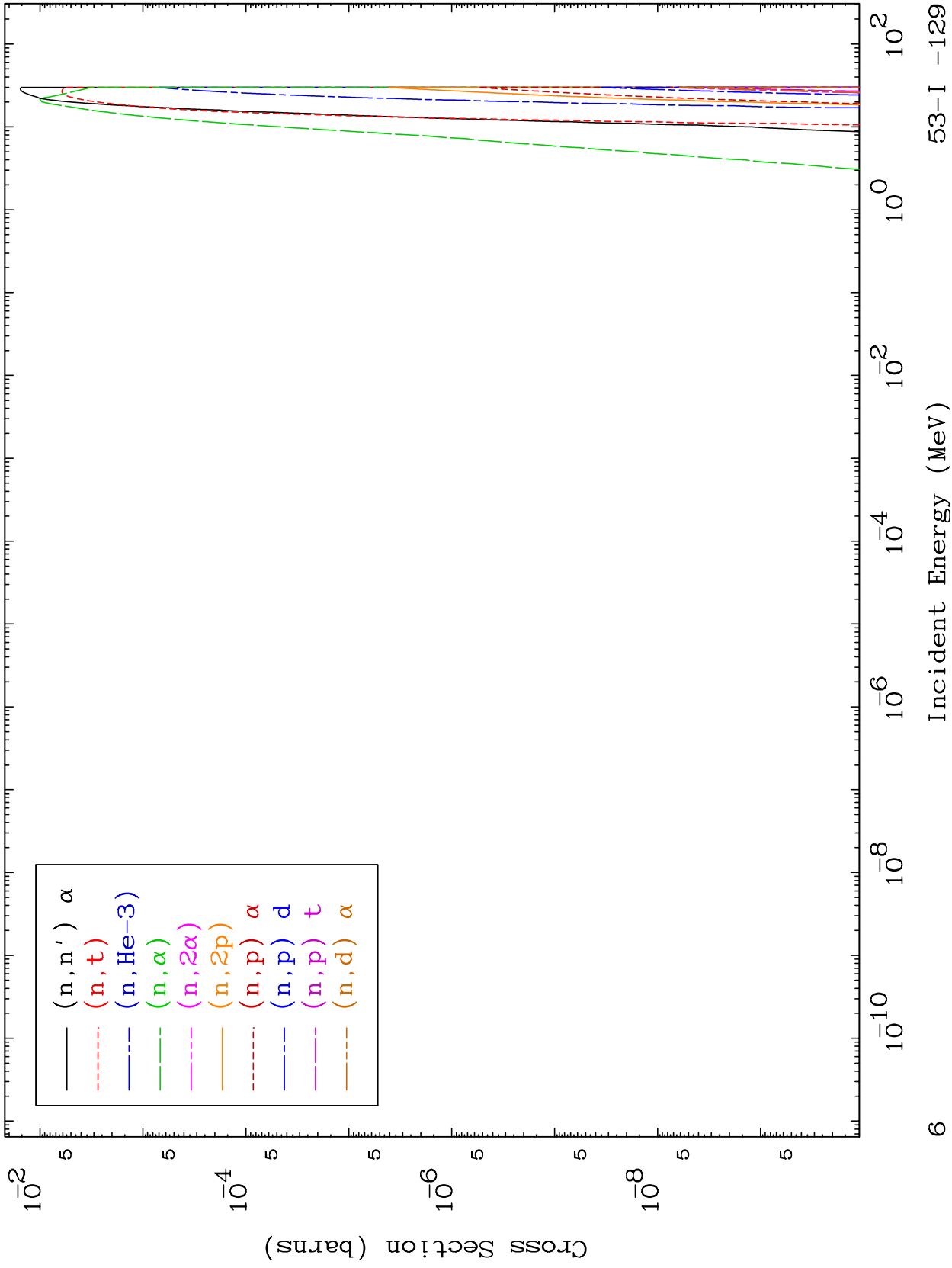


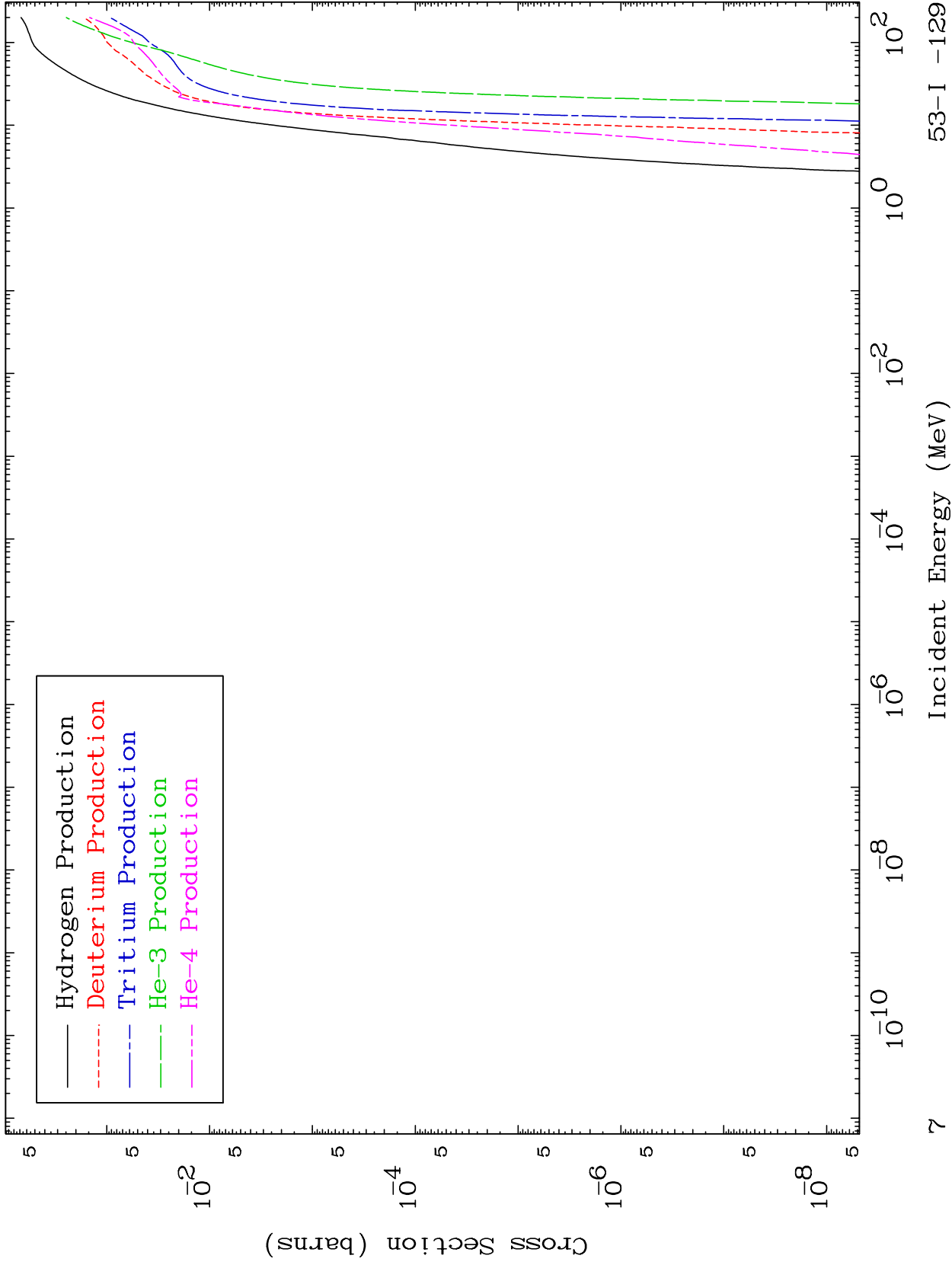


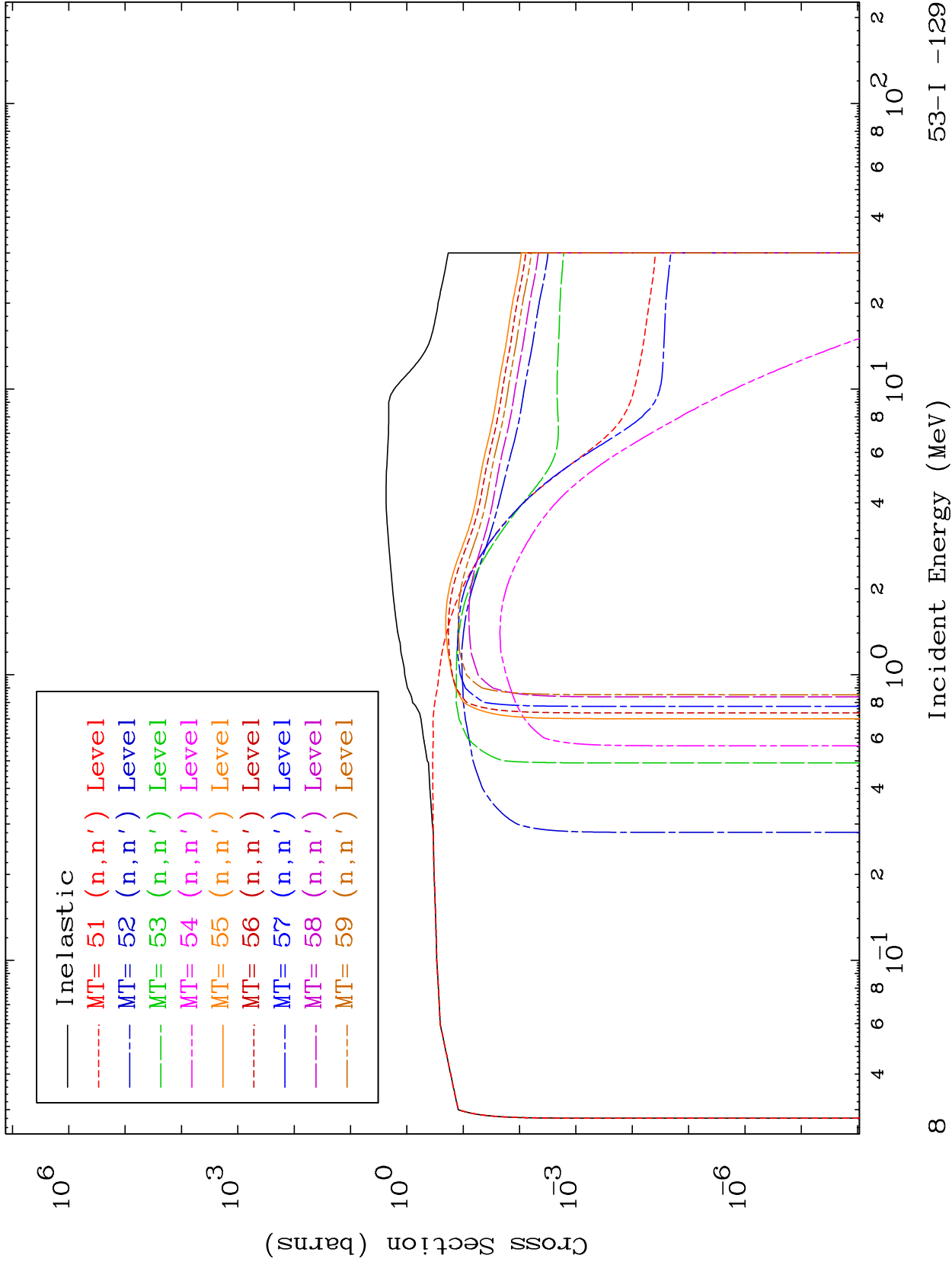
MAT 5331

Charged Particle  
293 Kelvin Cross Sections

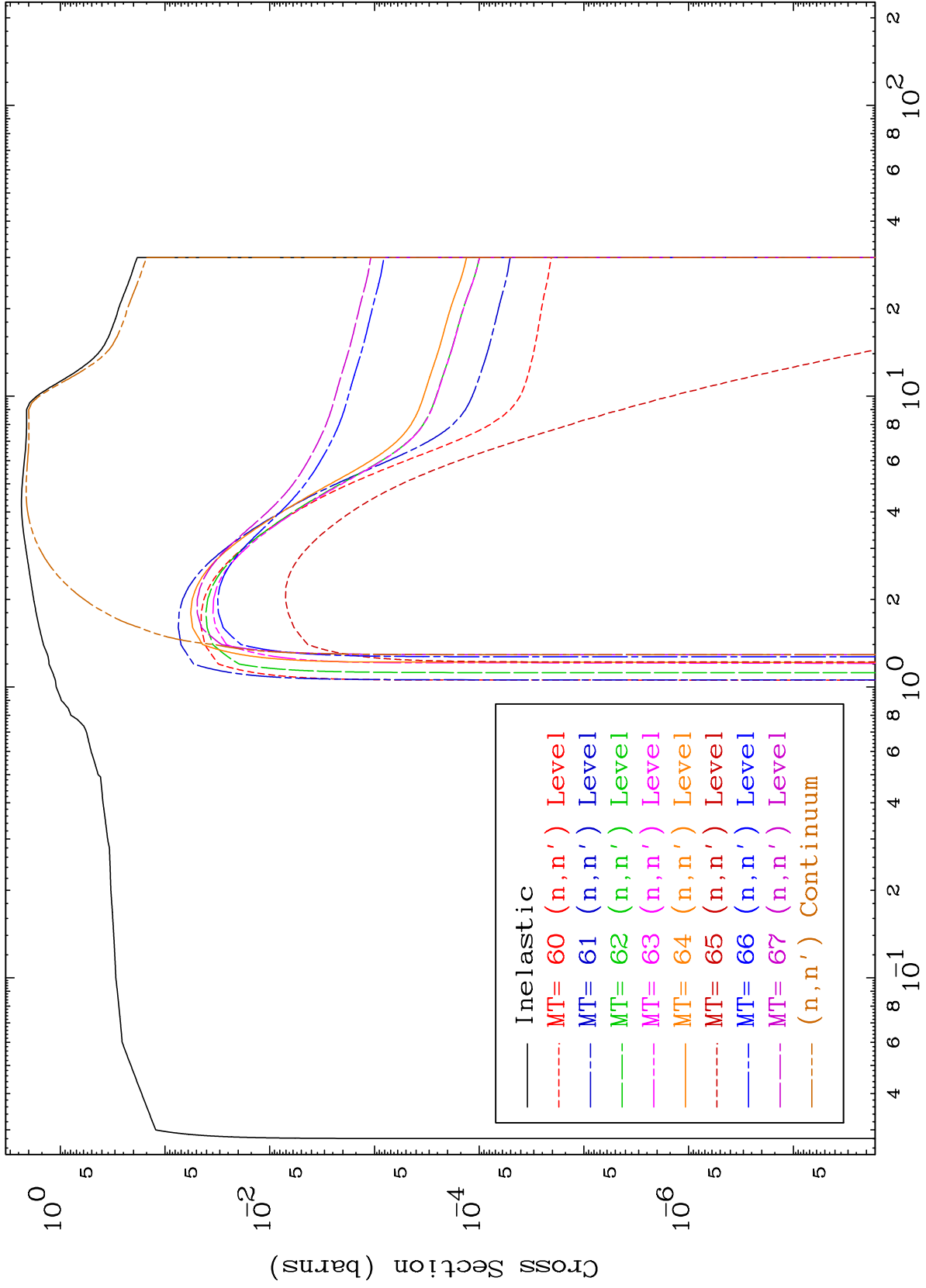
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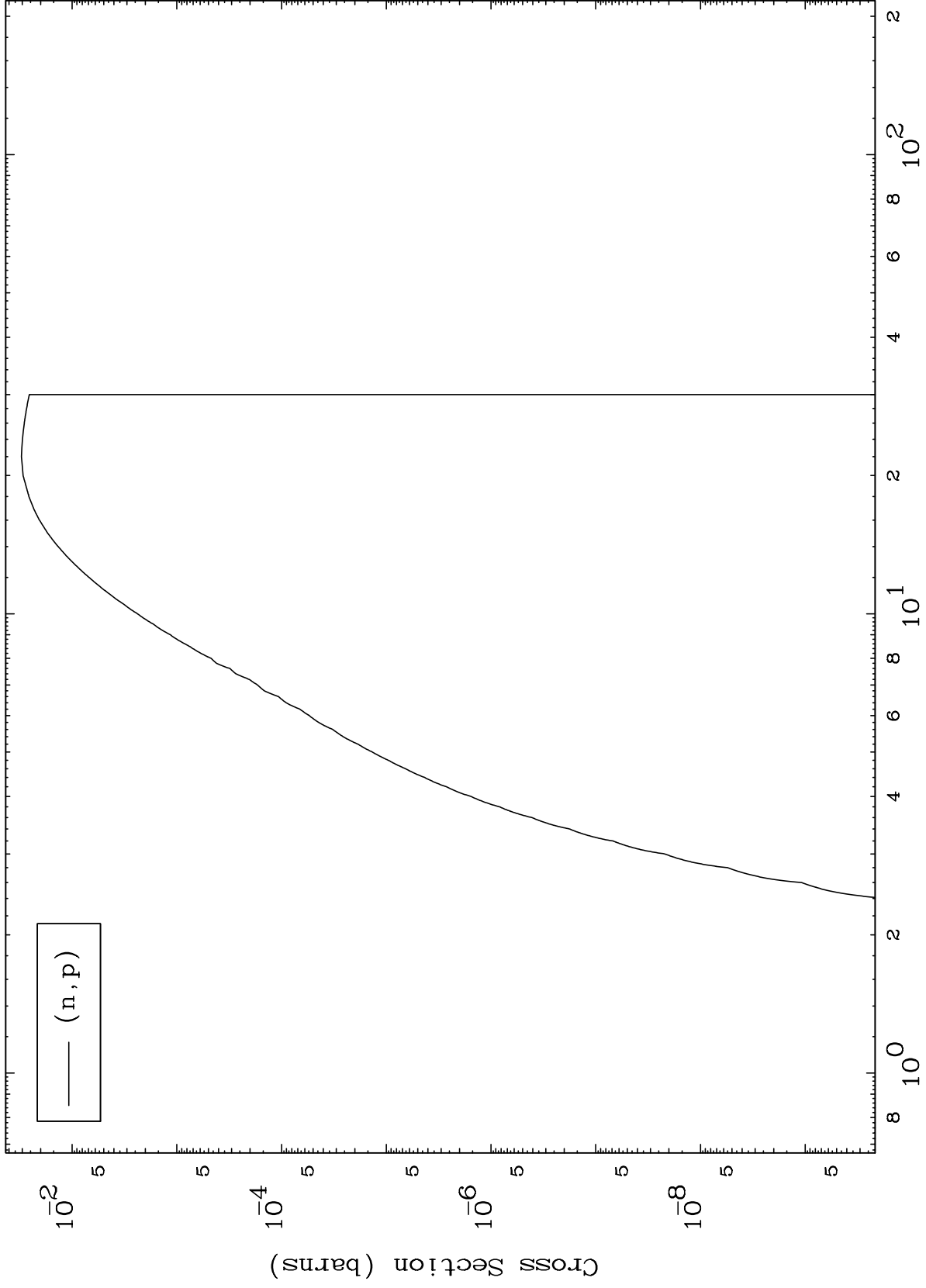
(n,n') Levels  
293 Kelvin Cross Sections



MAT 5331

(n,p) Levels  
293 Kelvin Cross Sections

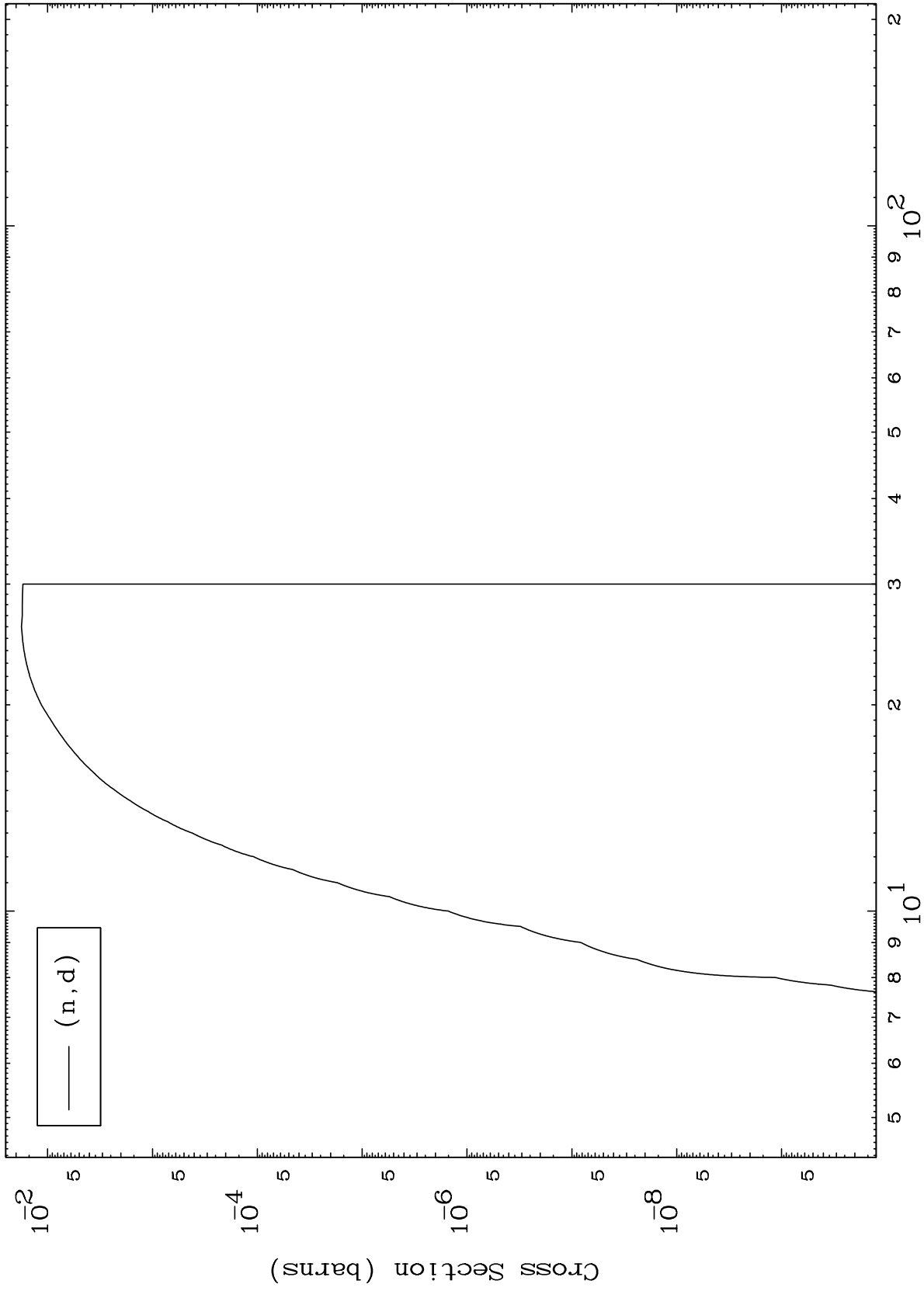
53-I -129

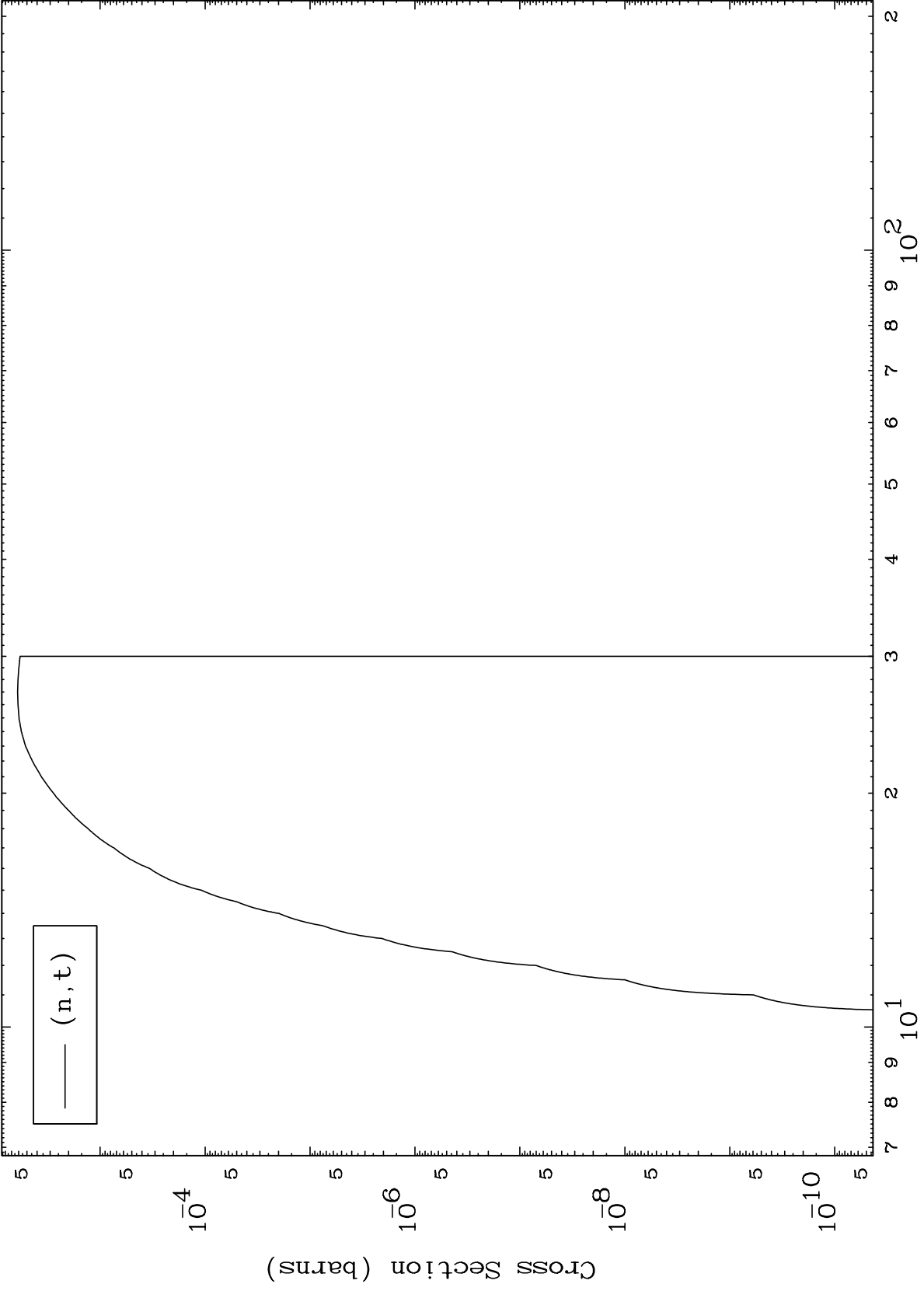


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Incident Energy (MeV)

53-I -129

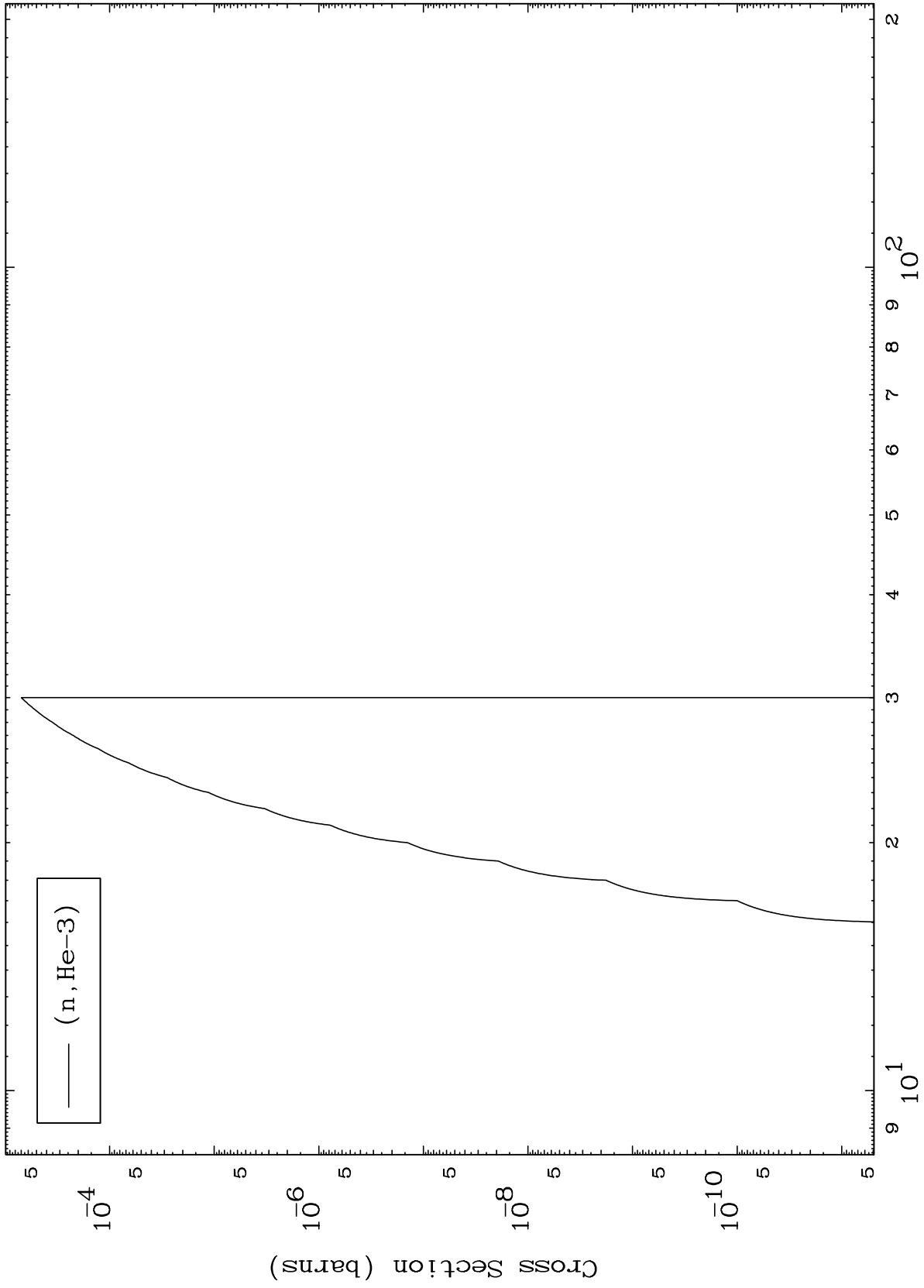




MAT 5331

(n,He3) Levels  
293 Kelvin Cross Sections

53-I -129



13

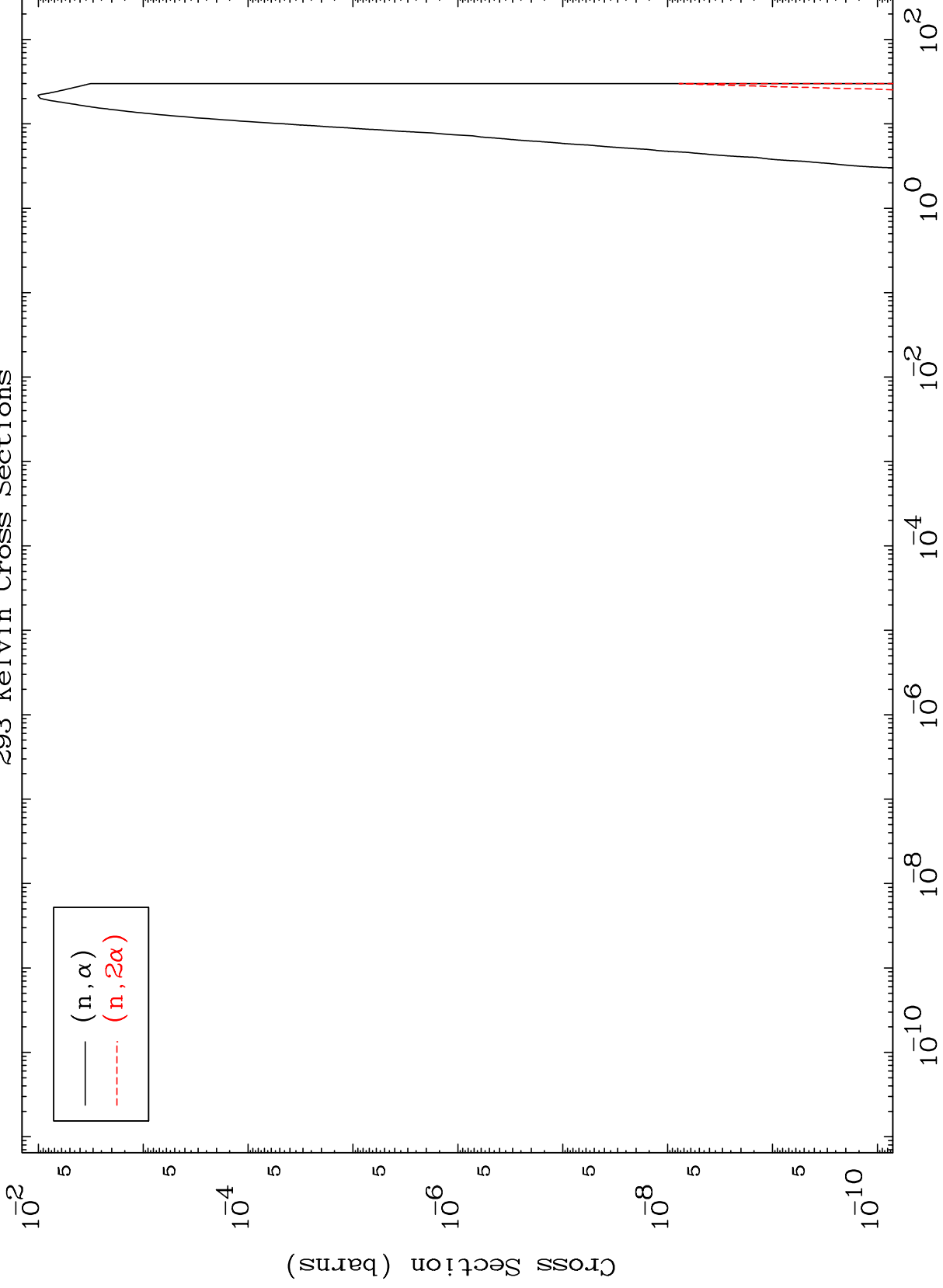
Incident Energy (MeV)

53-I -129

MAT 5331

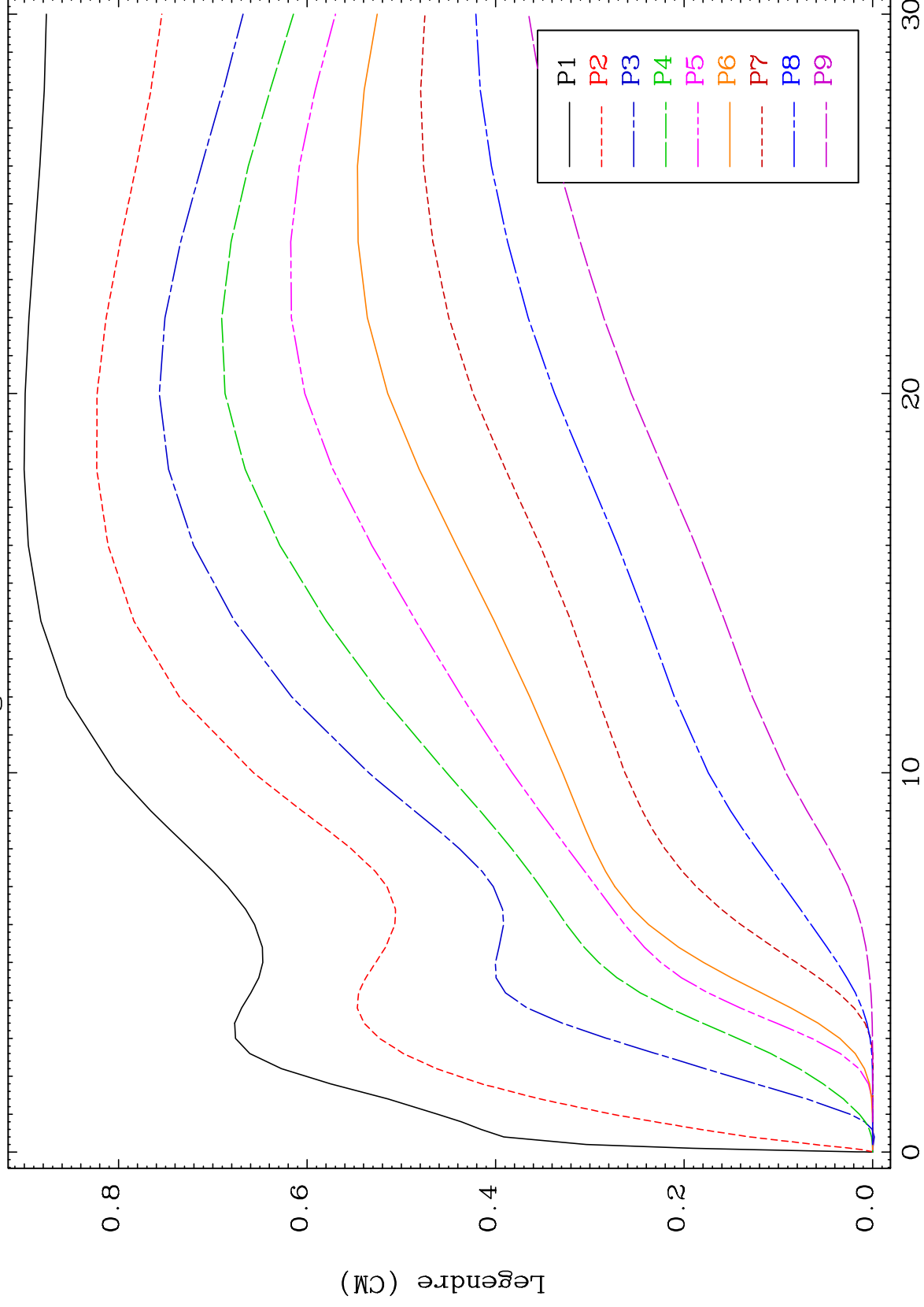
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

53-I -129



53-I -129

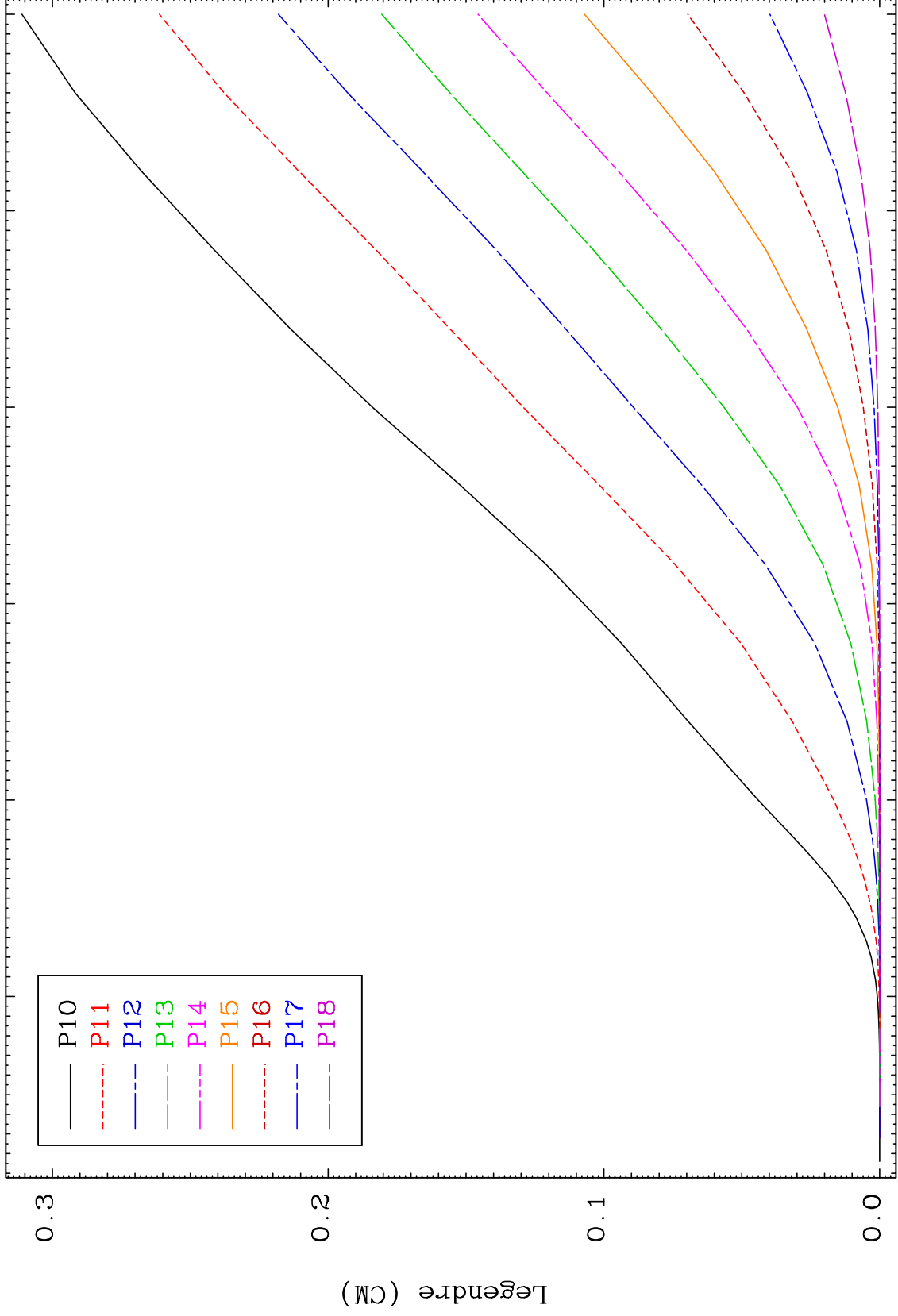
Incident Energy (MeV)



MAT 5331

Elastic Legendre Coefficients

53-I -129



16

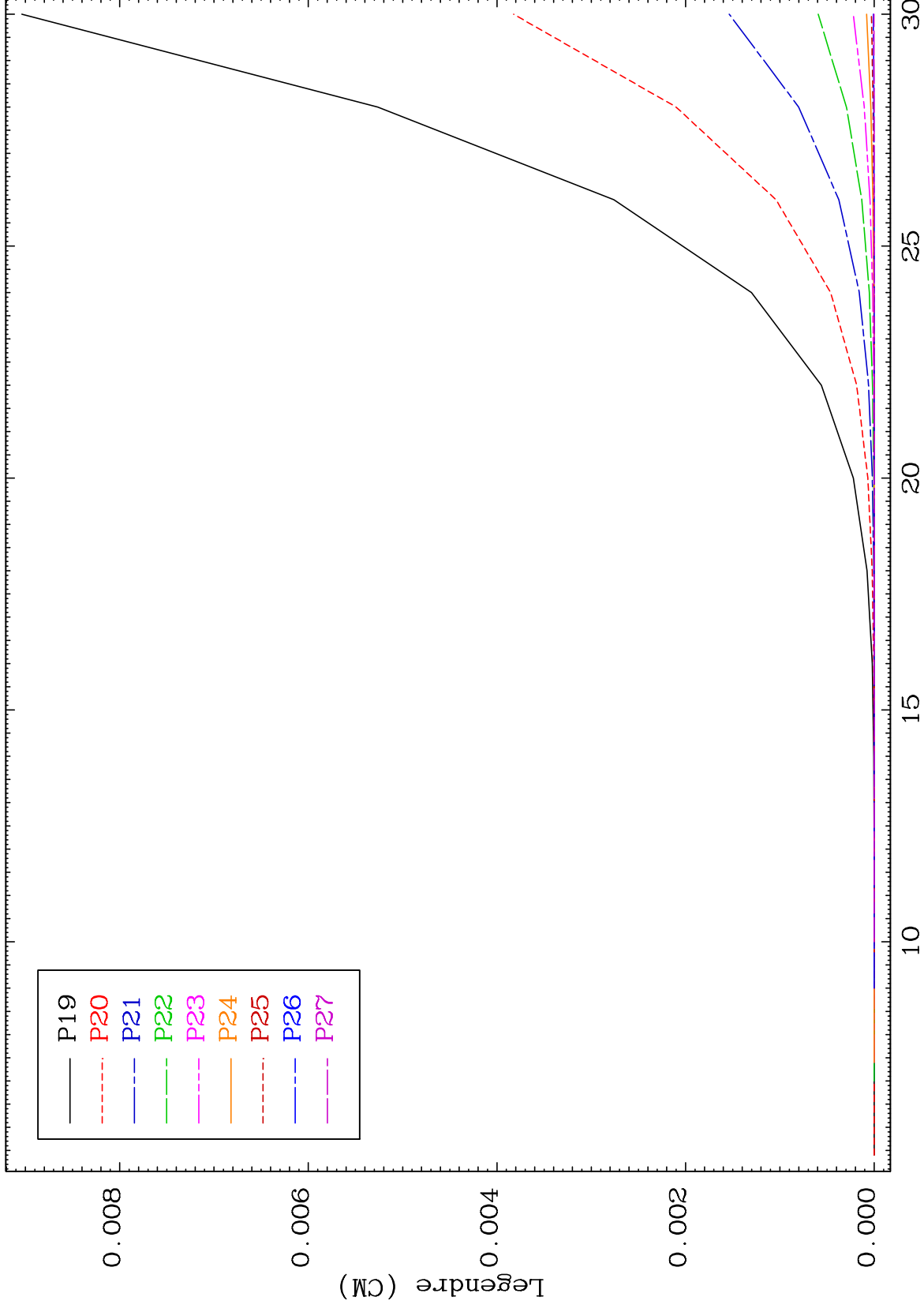
Incident Energy (MeV)

53-I -129

MAT 5331

### Elastic Legendre Coefficients

53-I -129



17

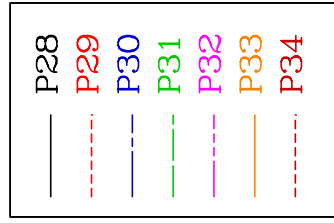
Incident Energy (MeV)

53-I -129

MAT 5331

Elastic  
Legendre Coefficients

53-I -129



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

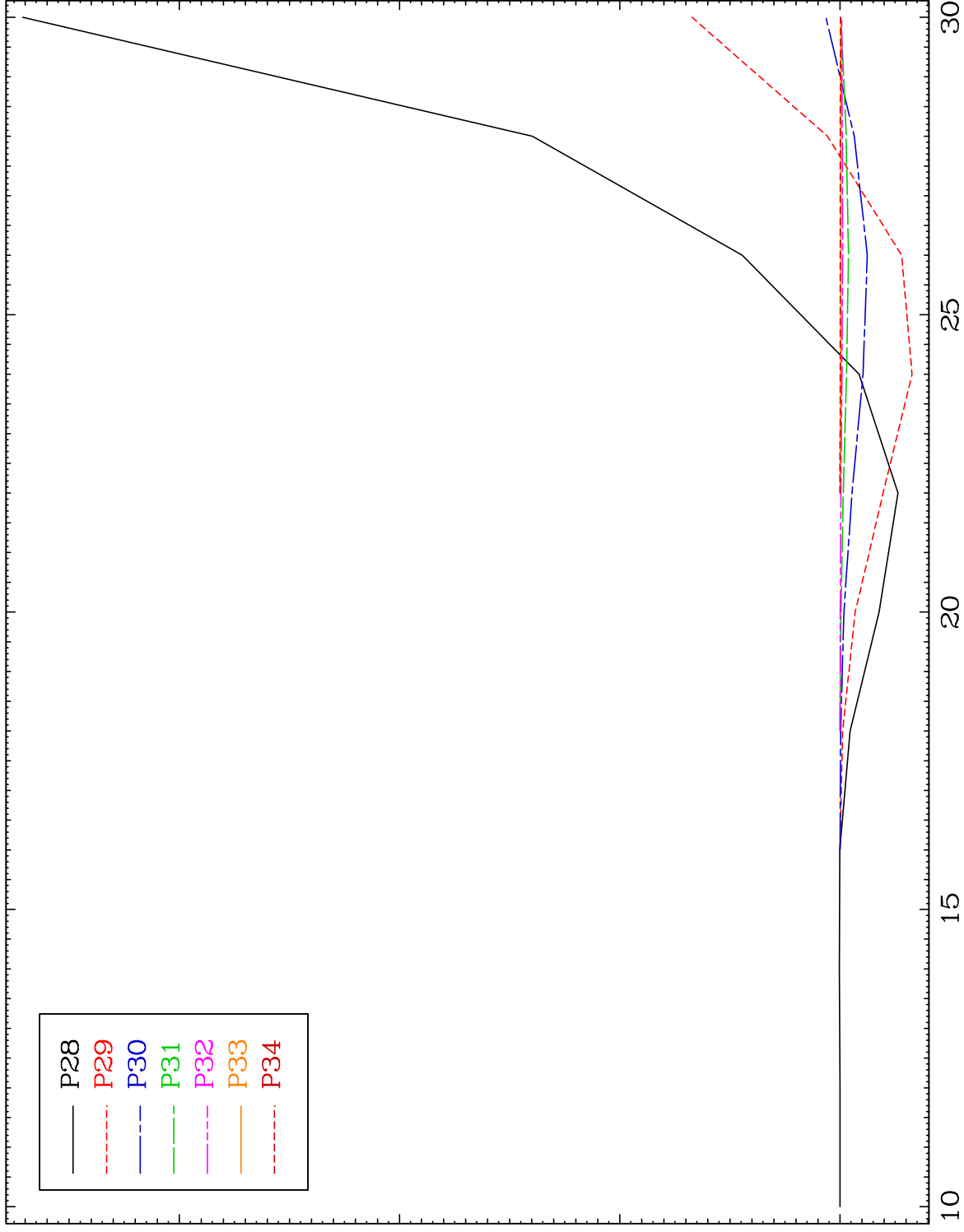
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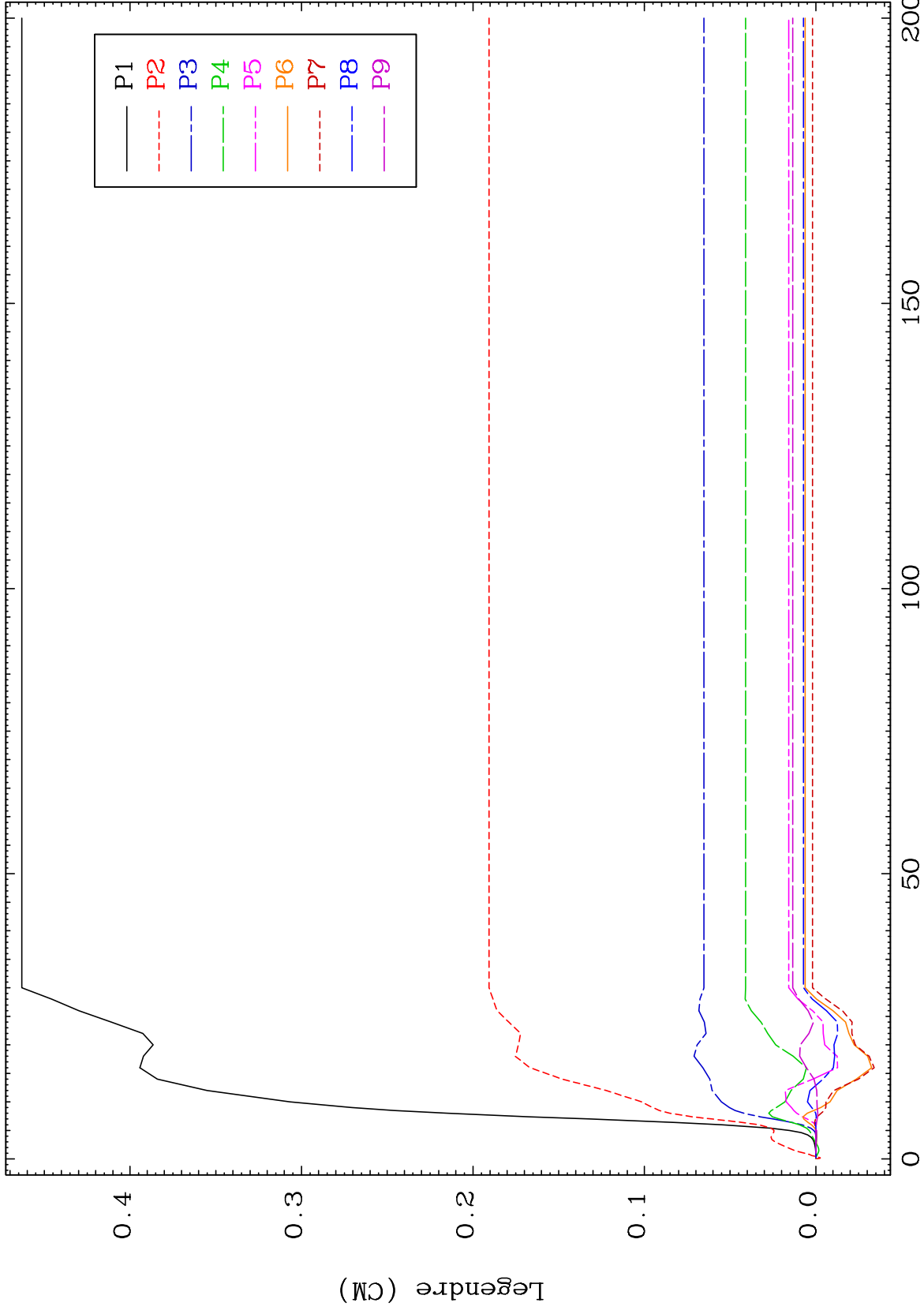
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18

Incident Energy (MeV)

53-I -129

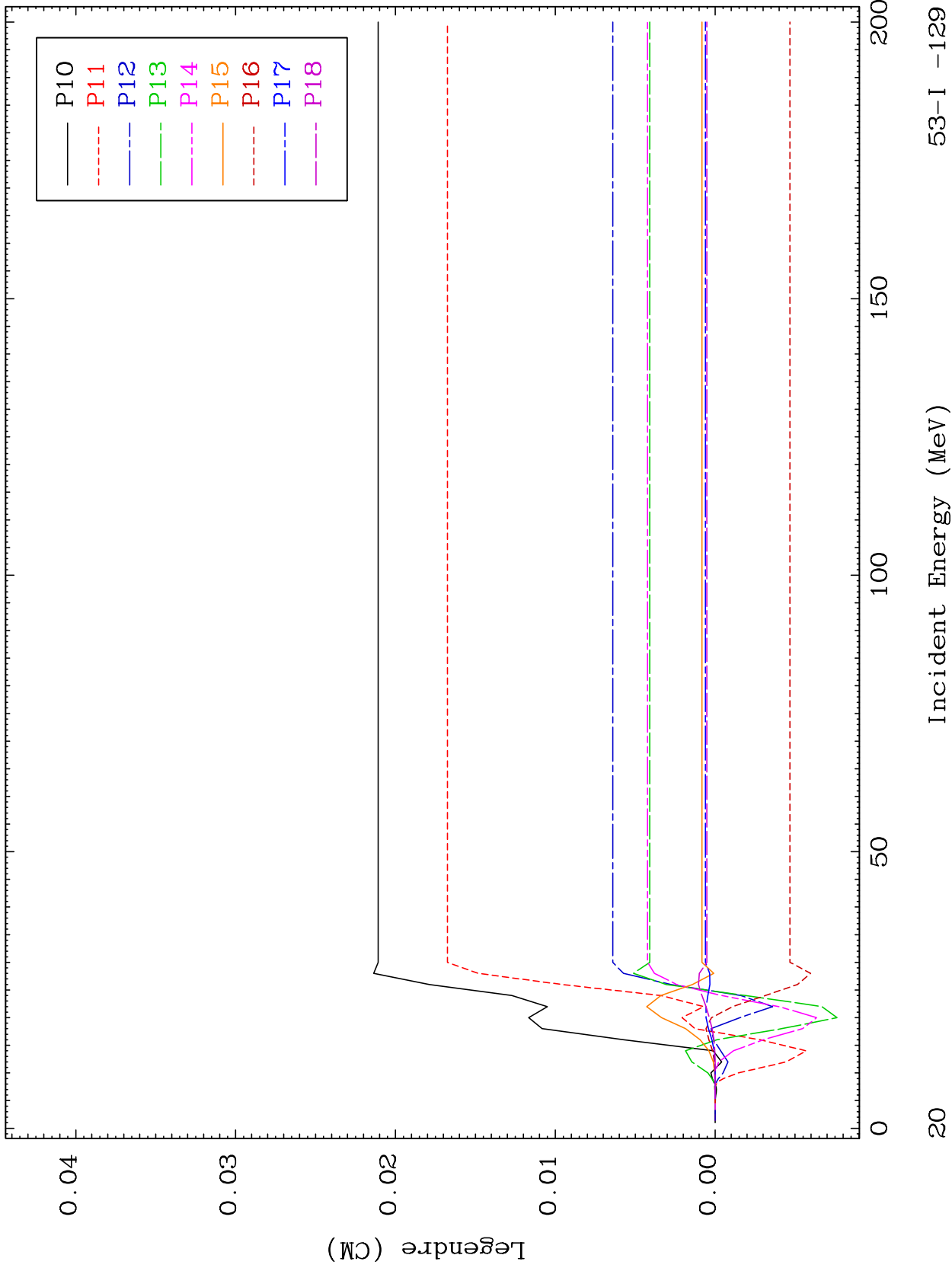




MAT 5331

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

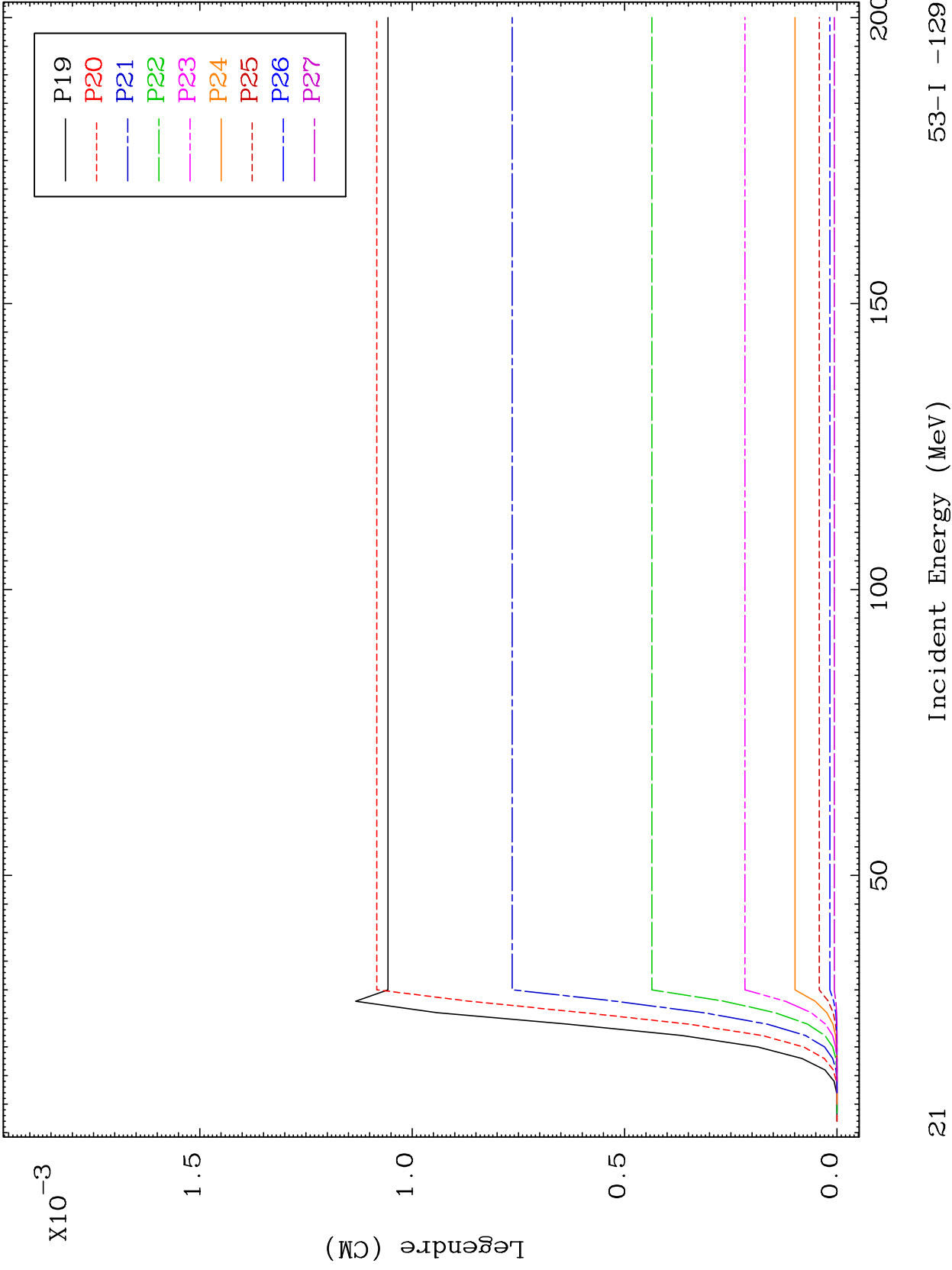
53-I -129

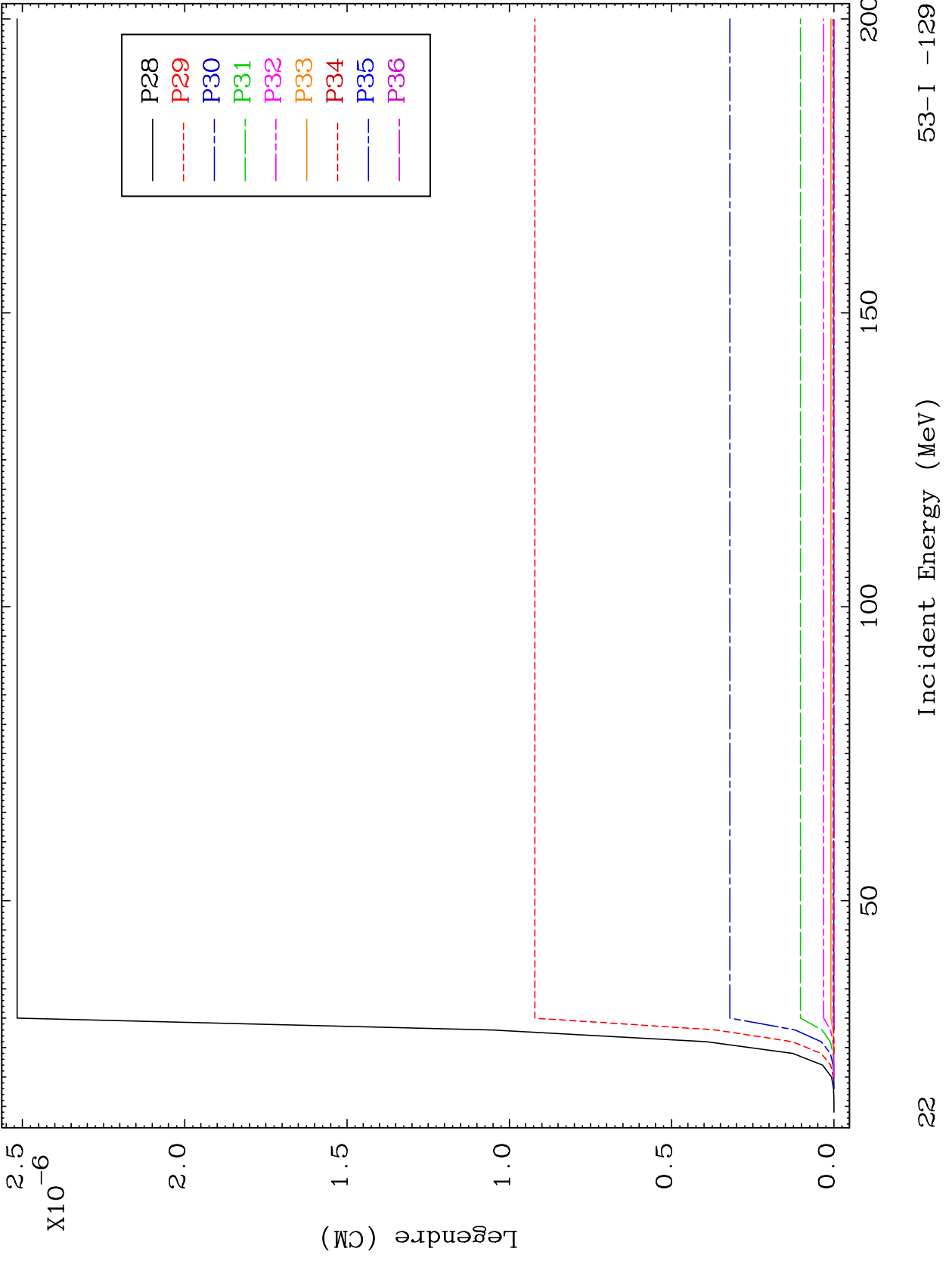


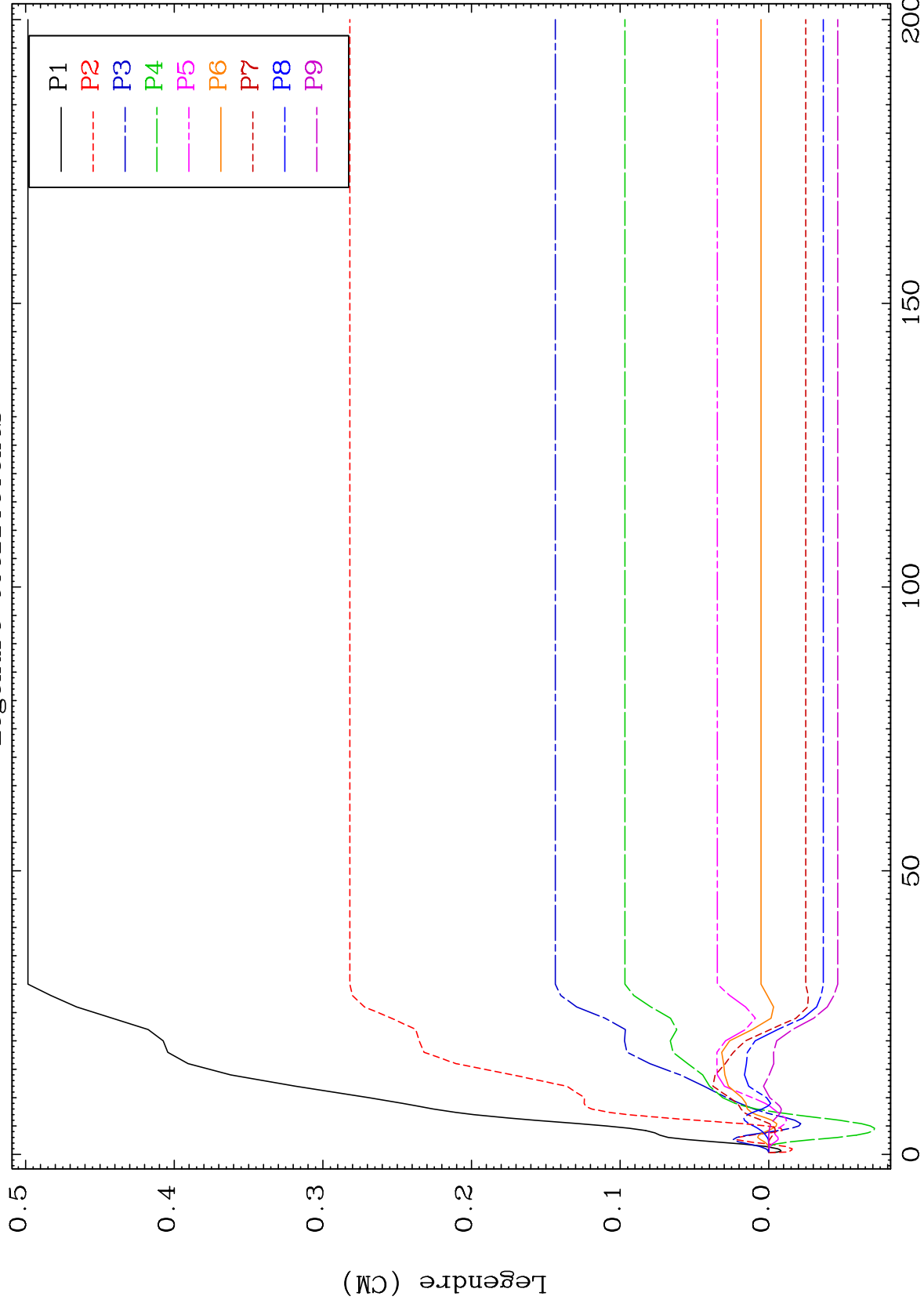
53-I -129

Incident Energy (MeV)

20



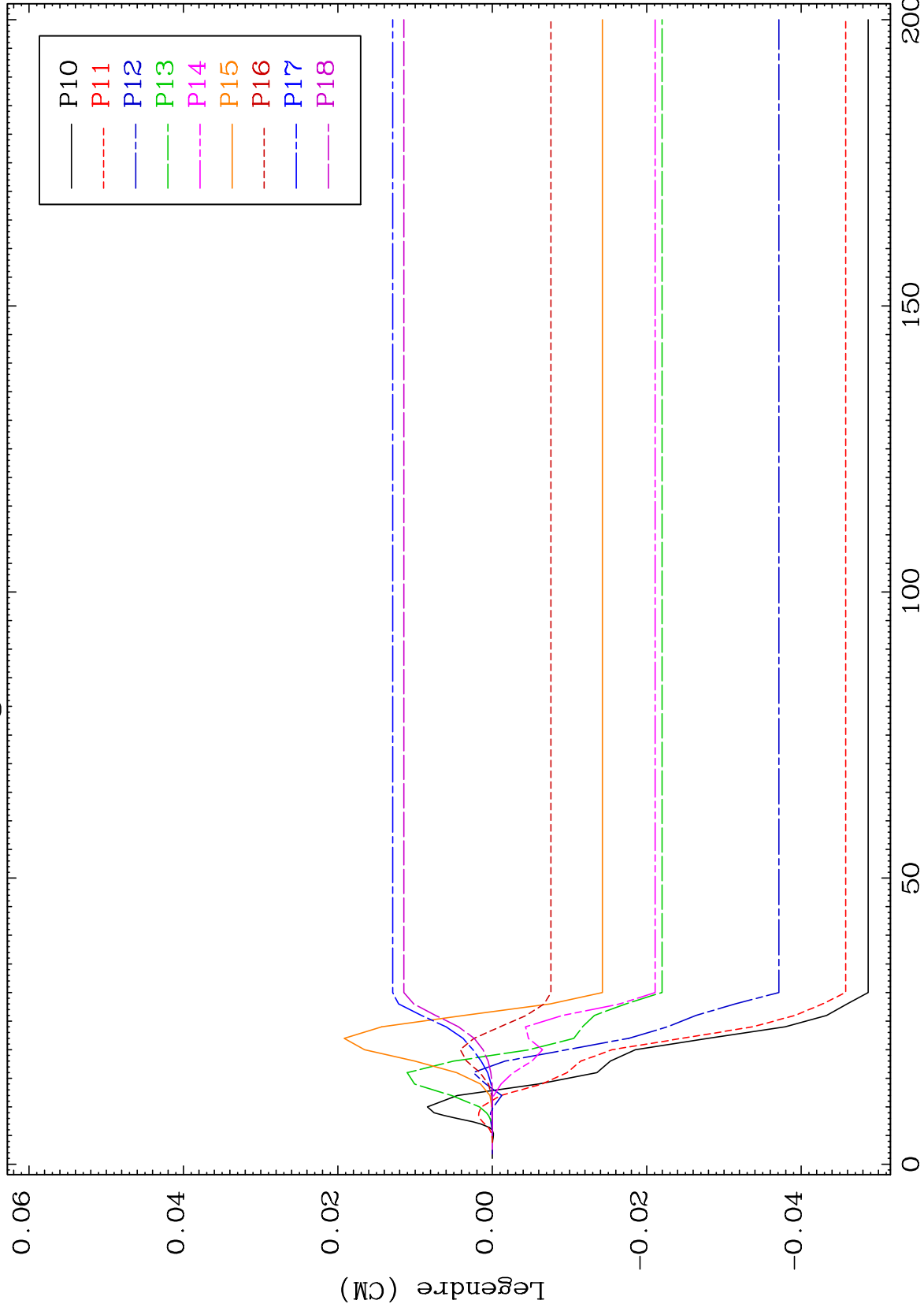




MAT 5331

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

53-I -129



24

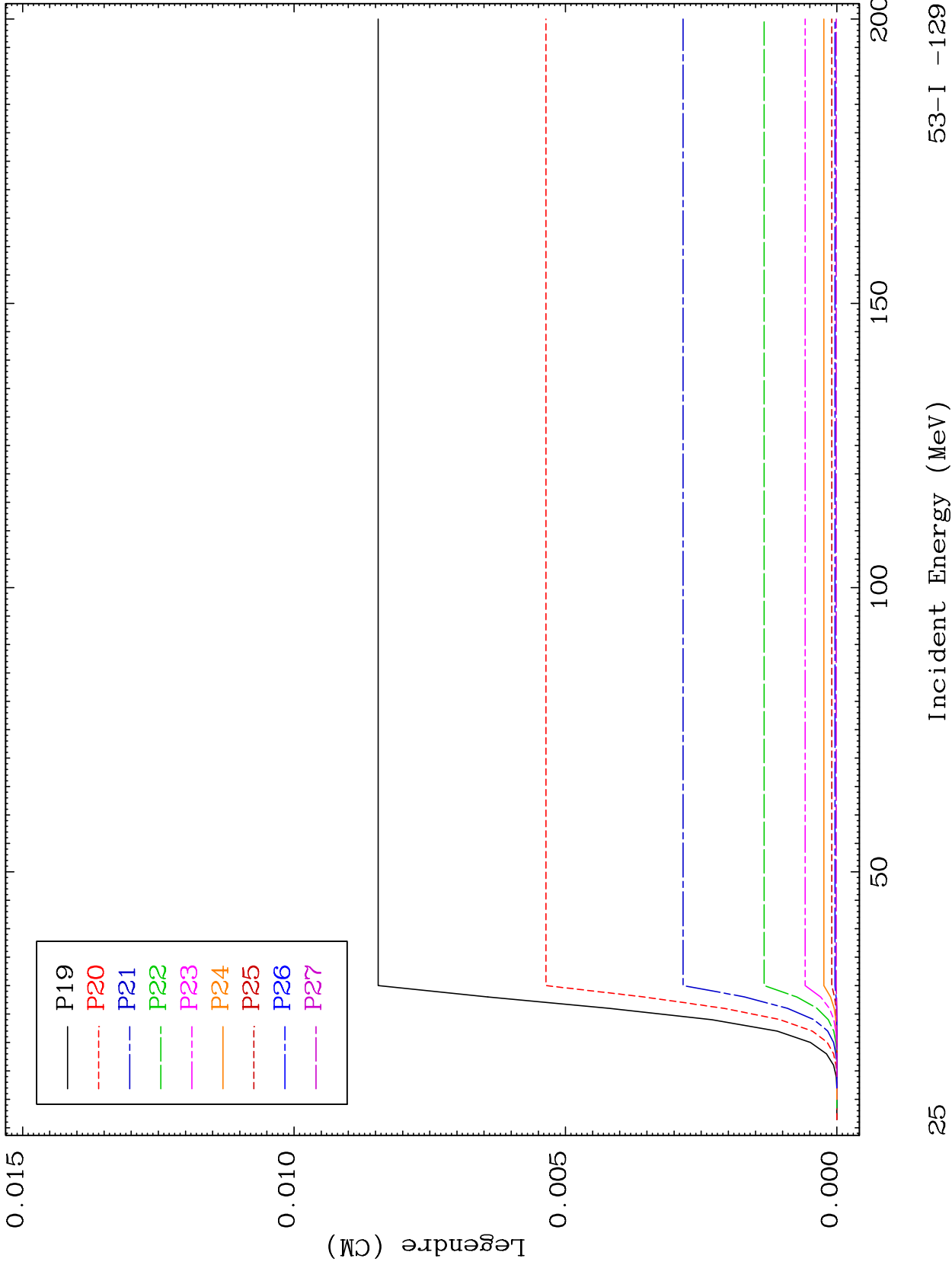
Incident Energy (MeV)

53-I -129

MAT 5331

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

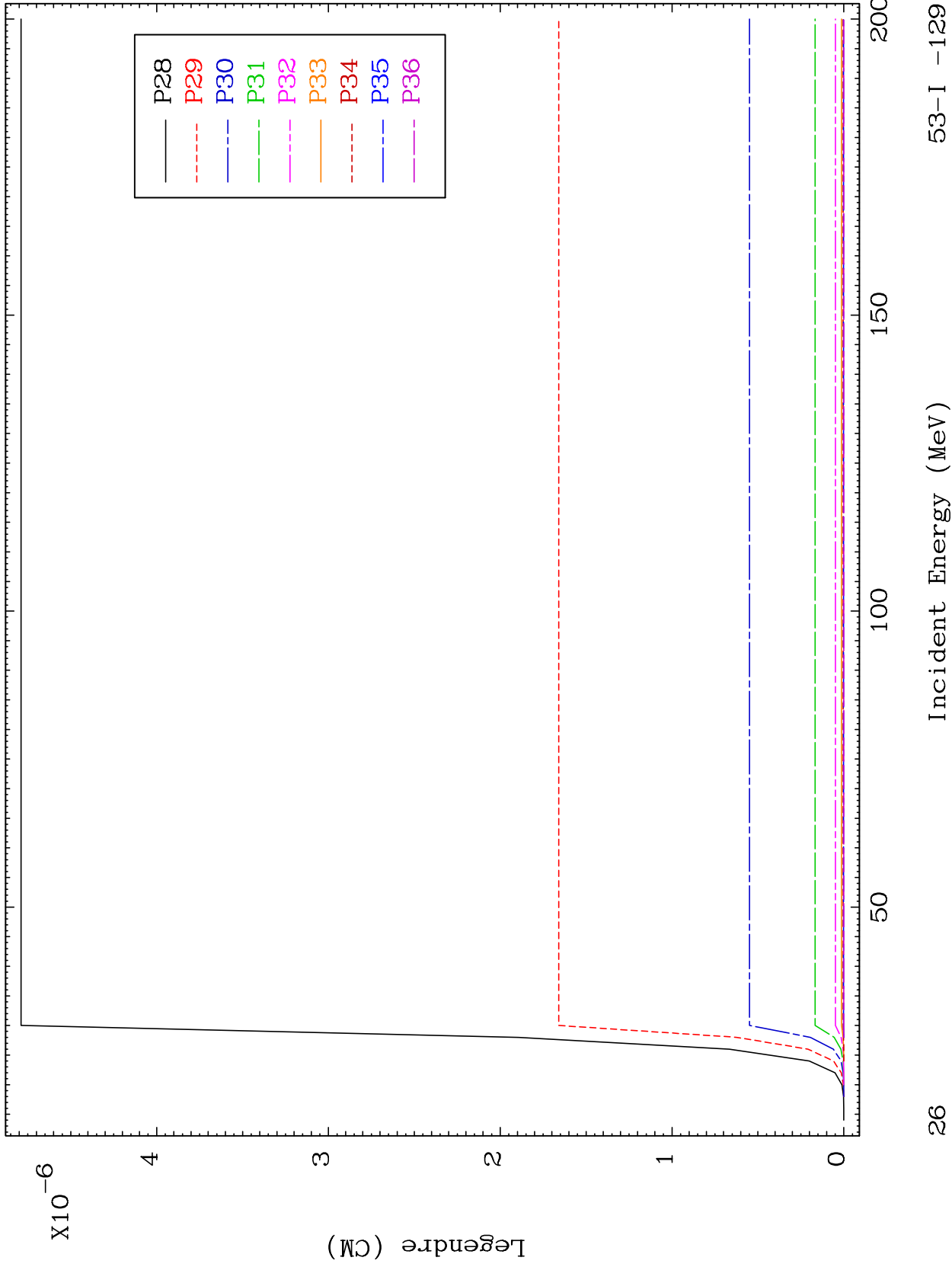
53-I -129

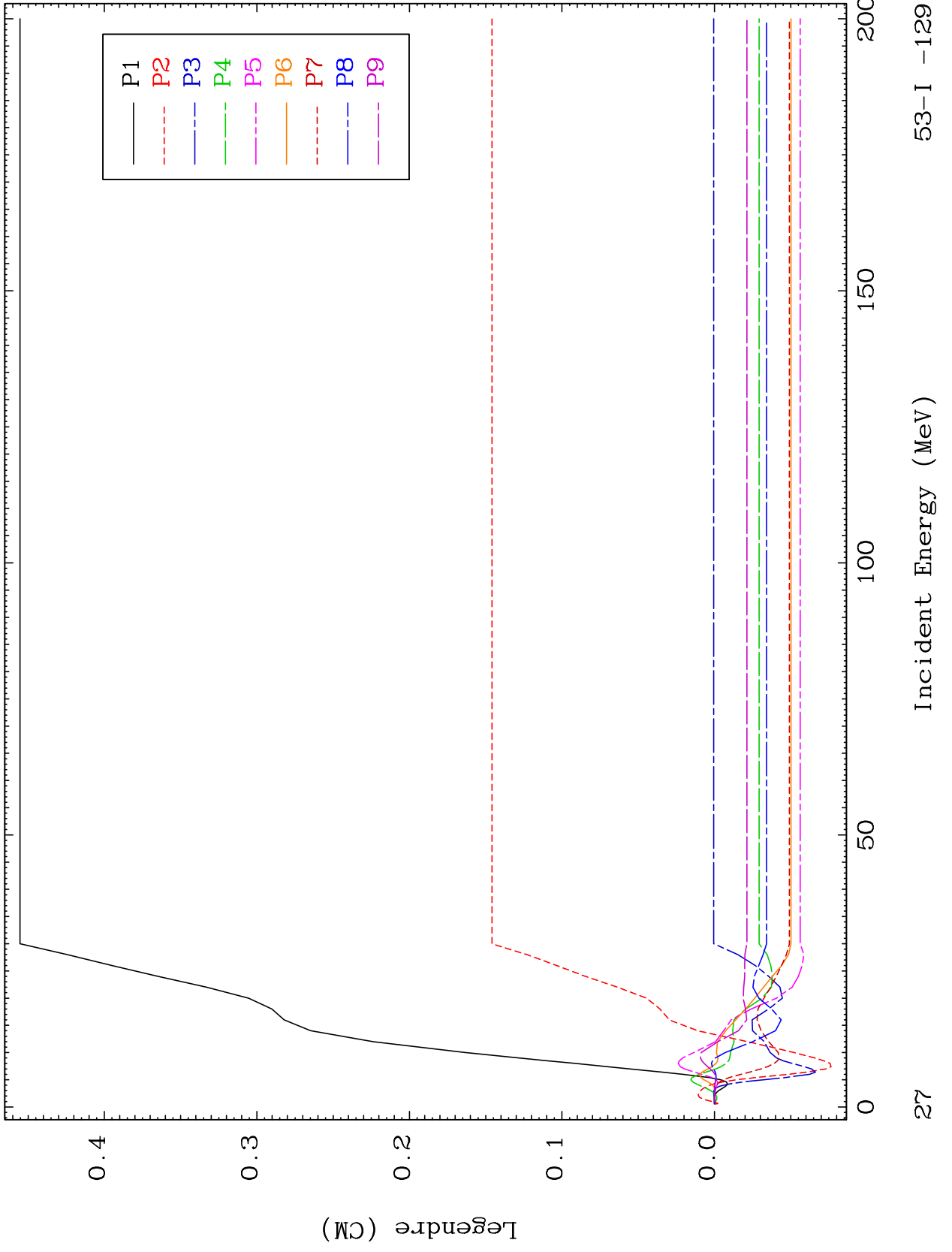


25

Incident Energy (MeV)

53-I -129

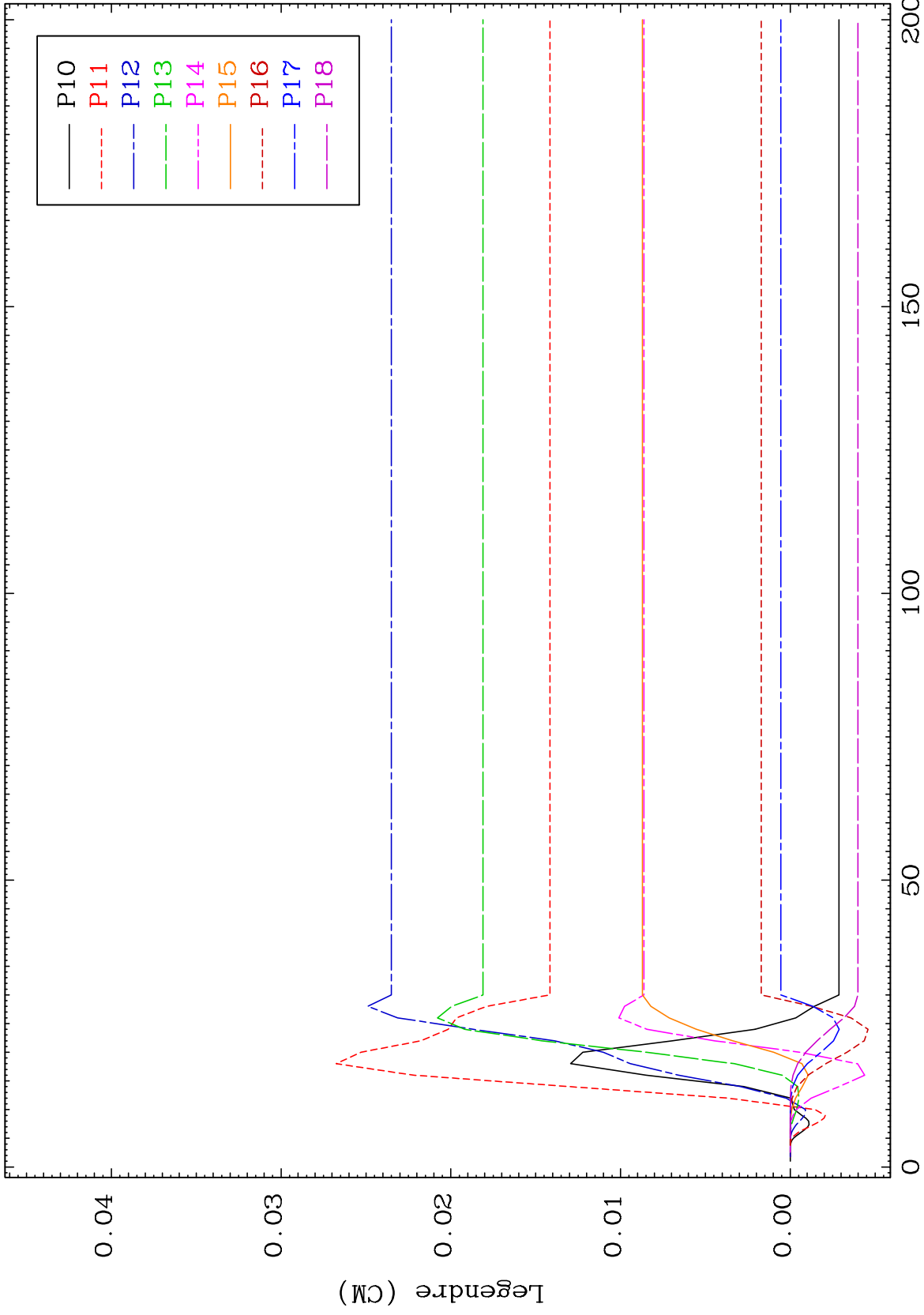




MAT 5331

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

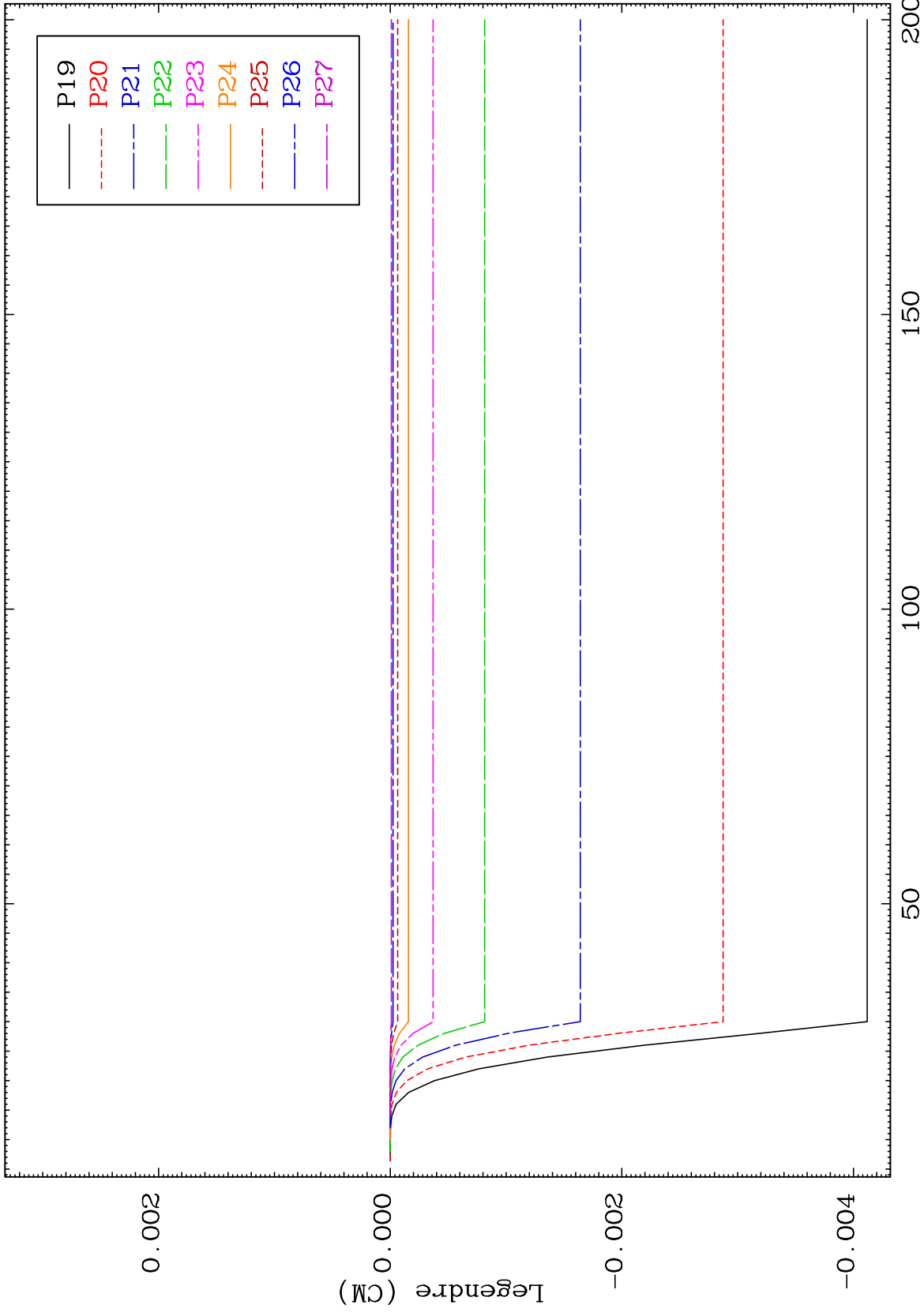
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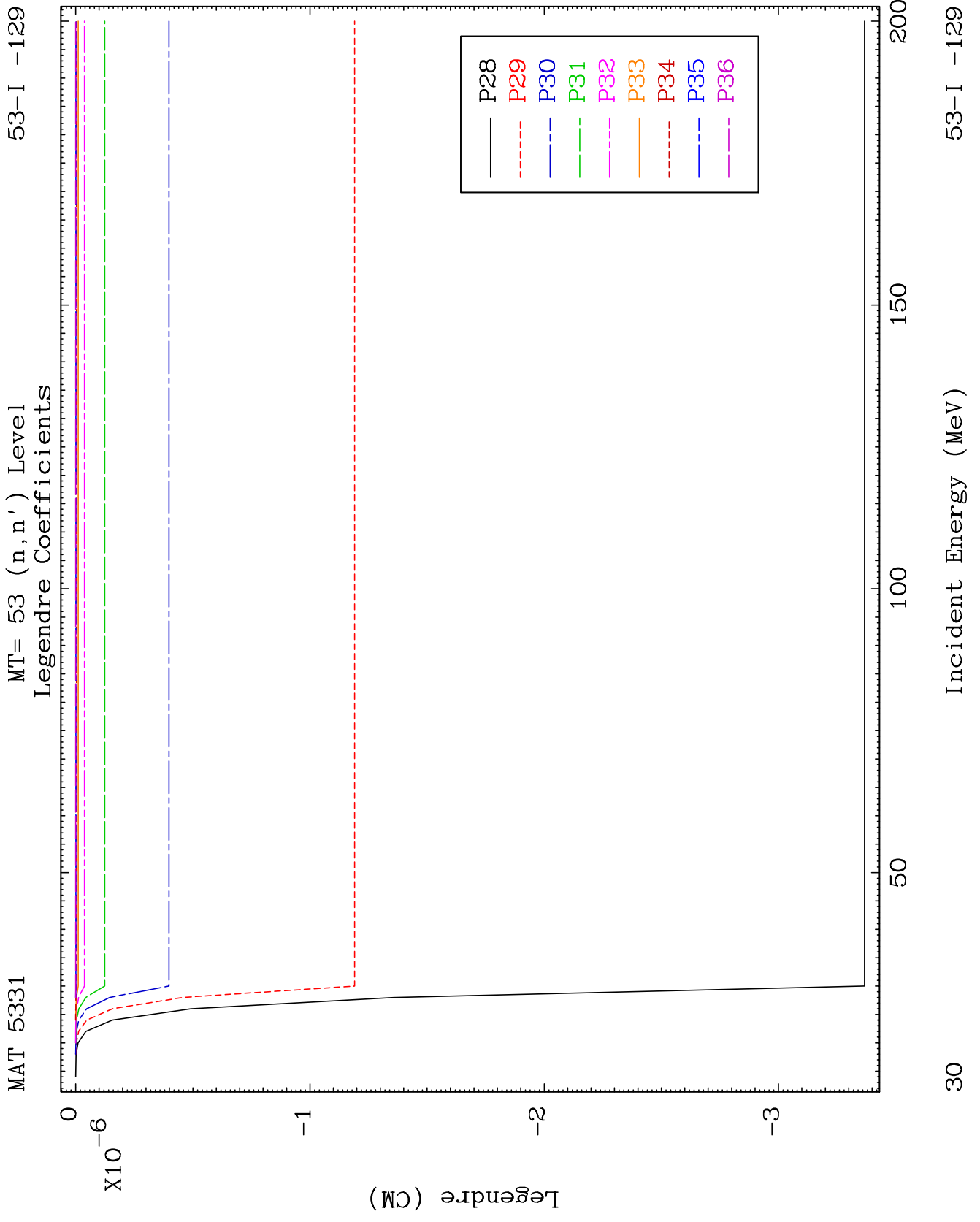


28

Incident Energy (MeV)

53-I -129

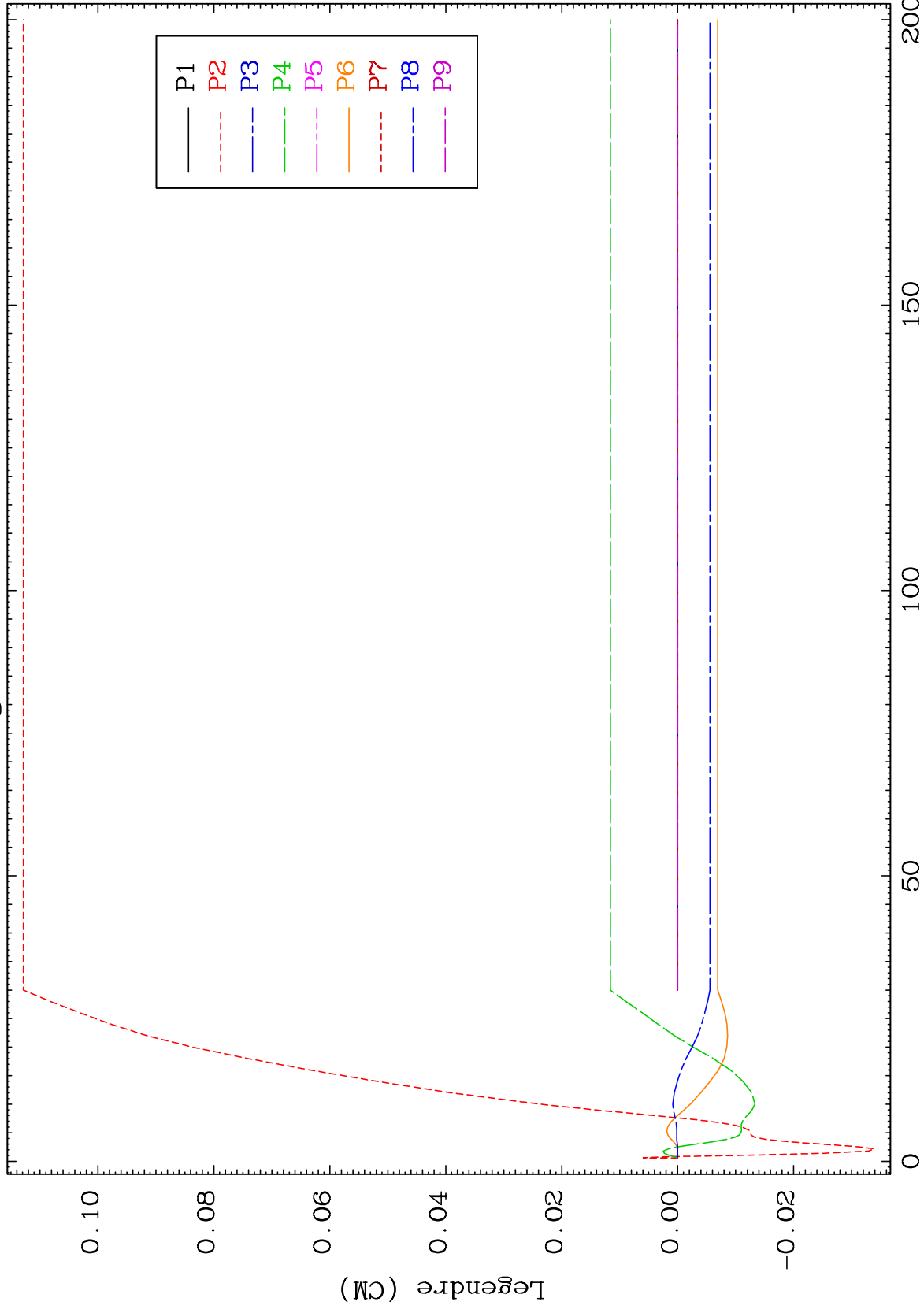




MAT 5331

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

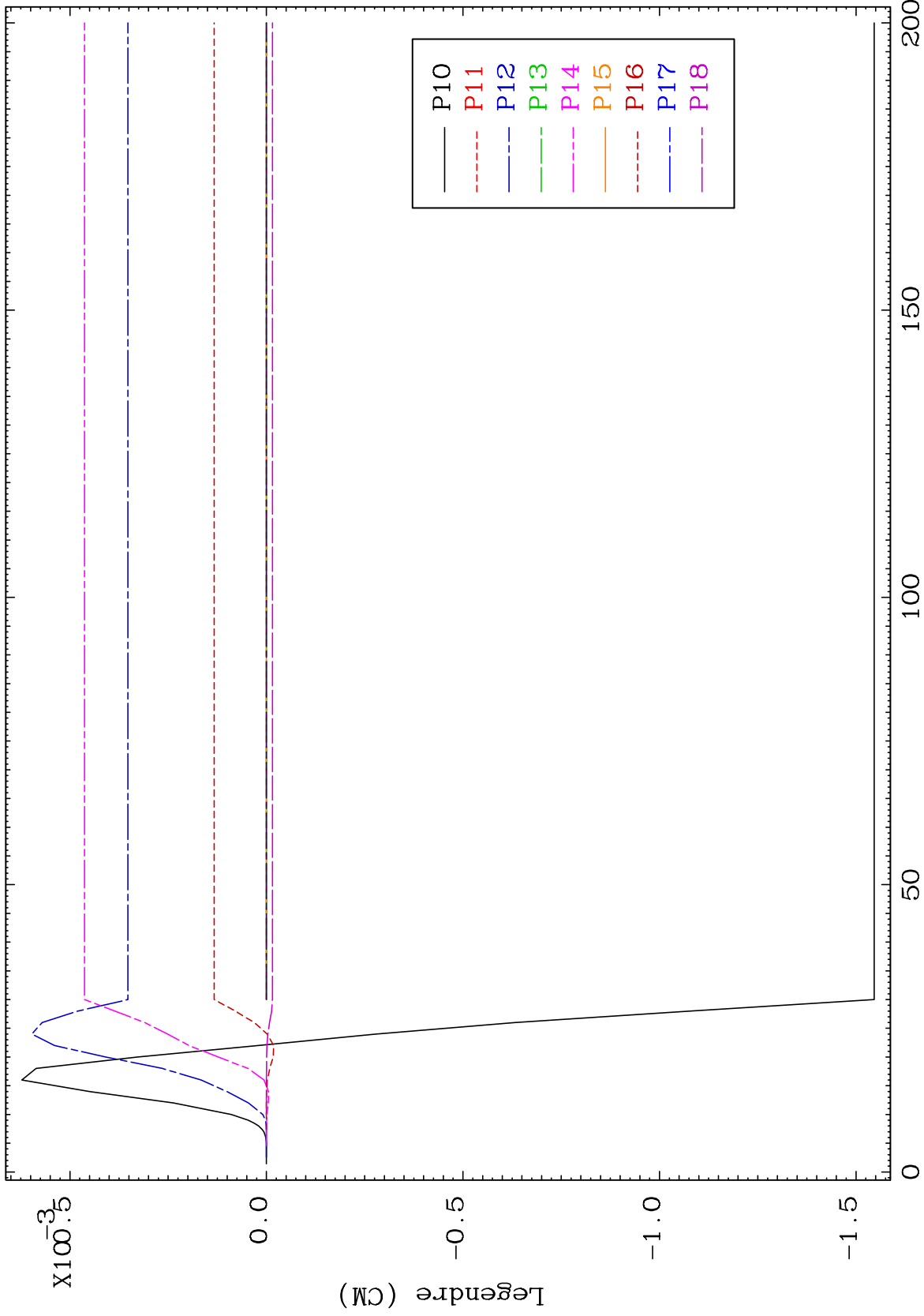
53-I -129



31

Incident Energy (MeV)

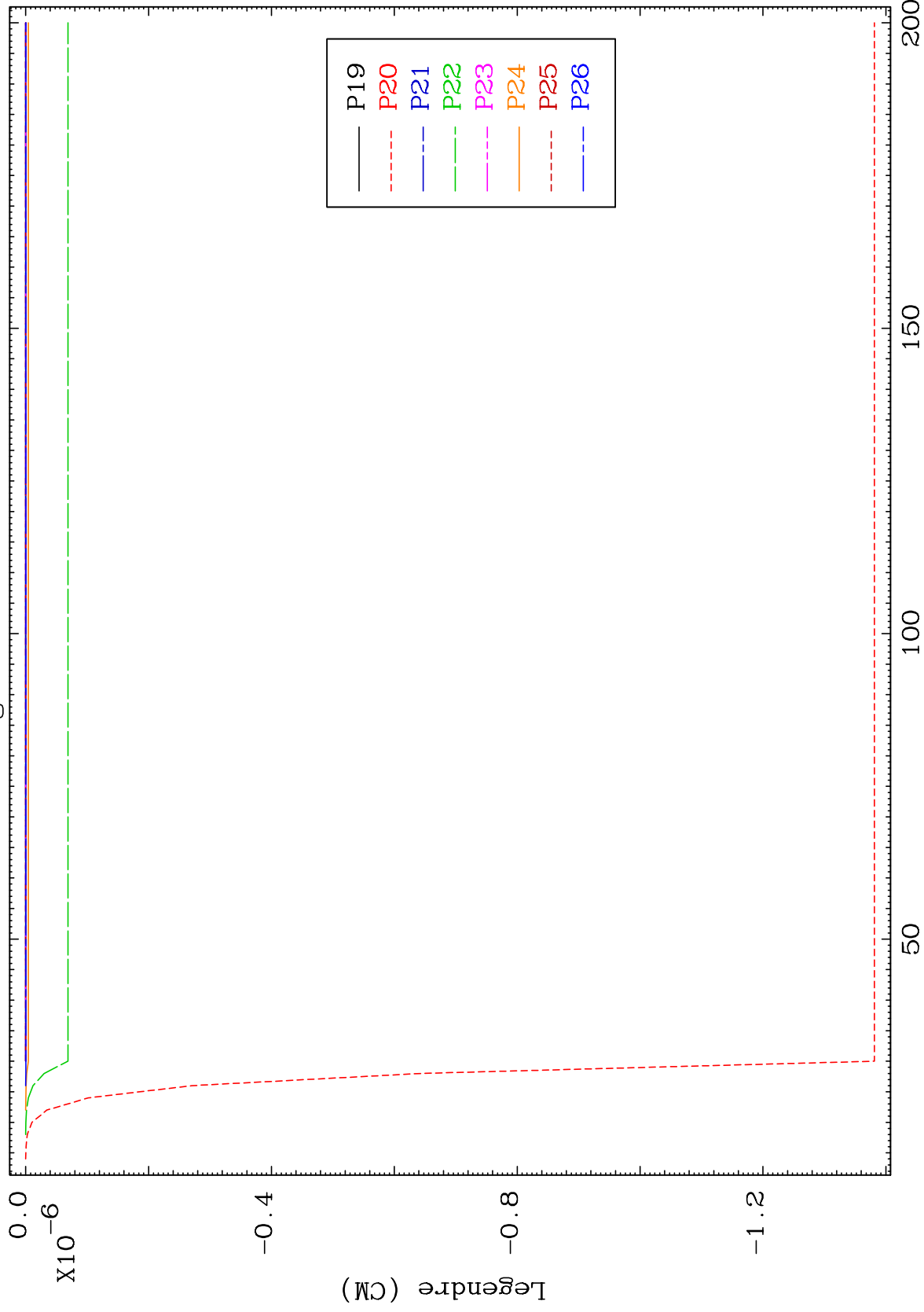
53-I -129



MAT 5331

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

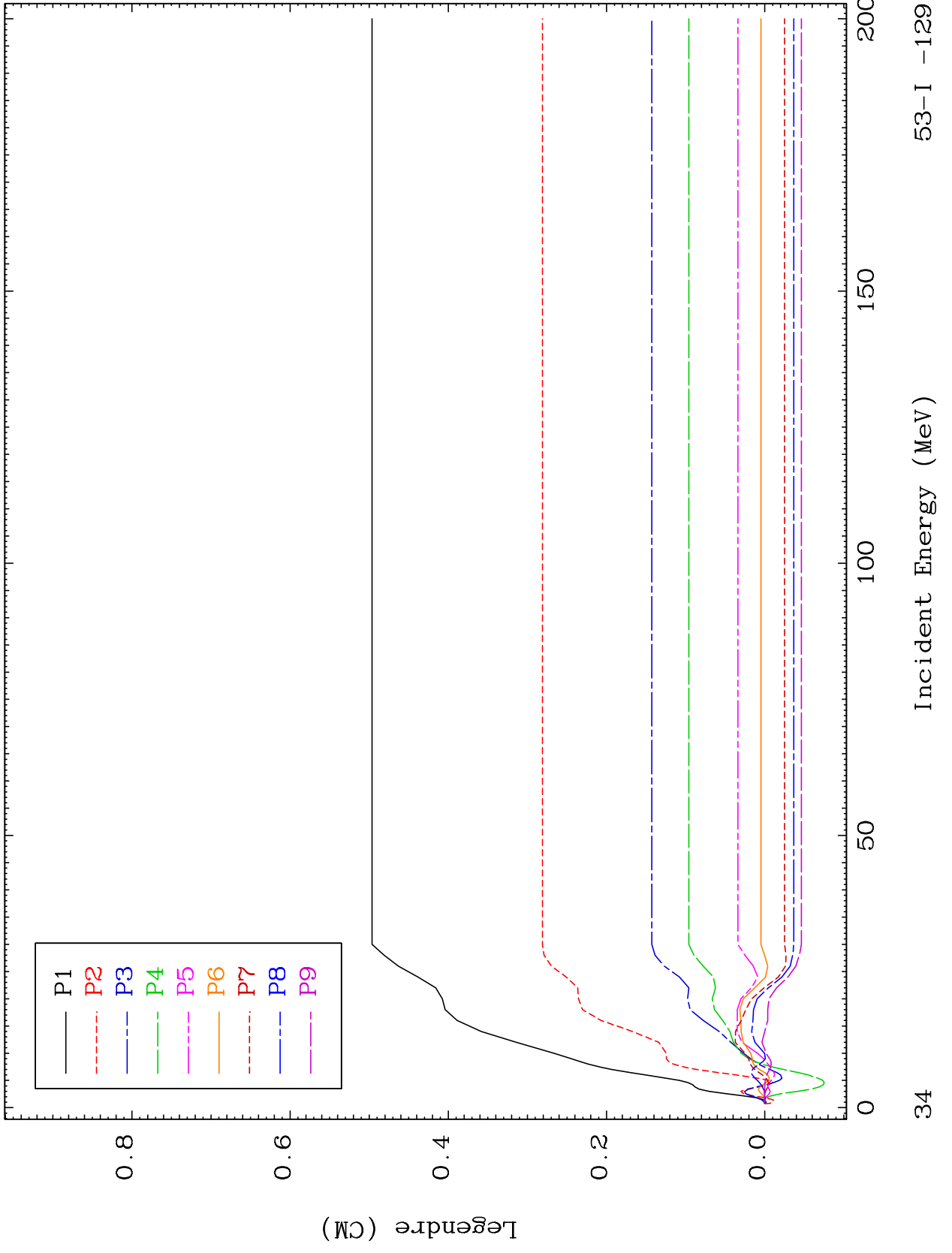
53-I -129



33

Incident Energy (MeV)

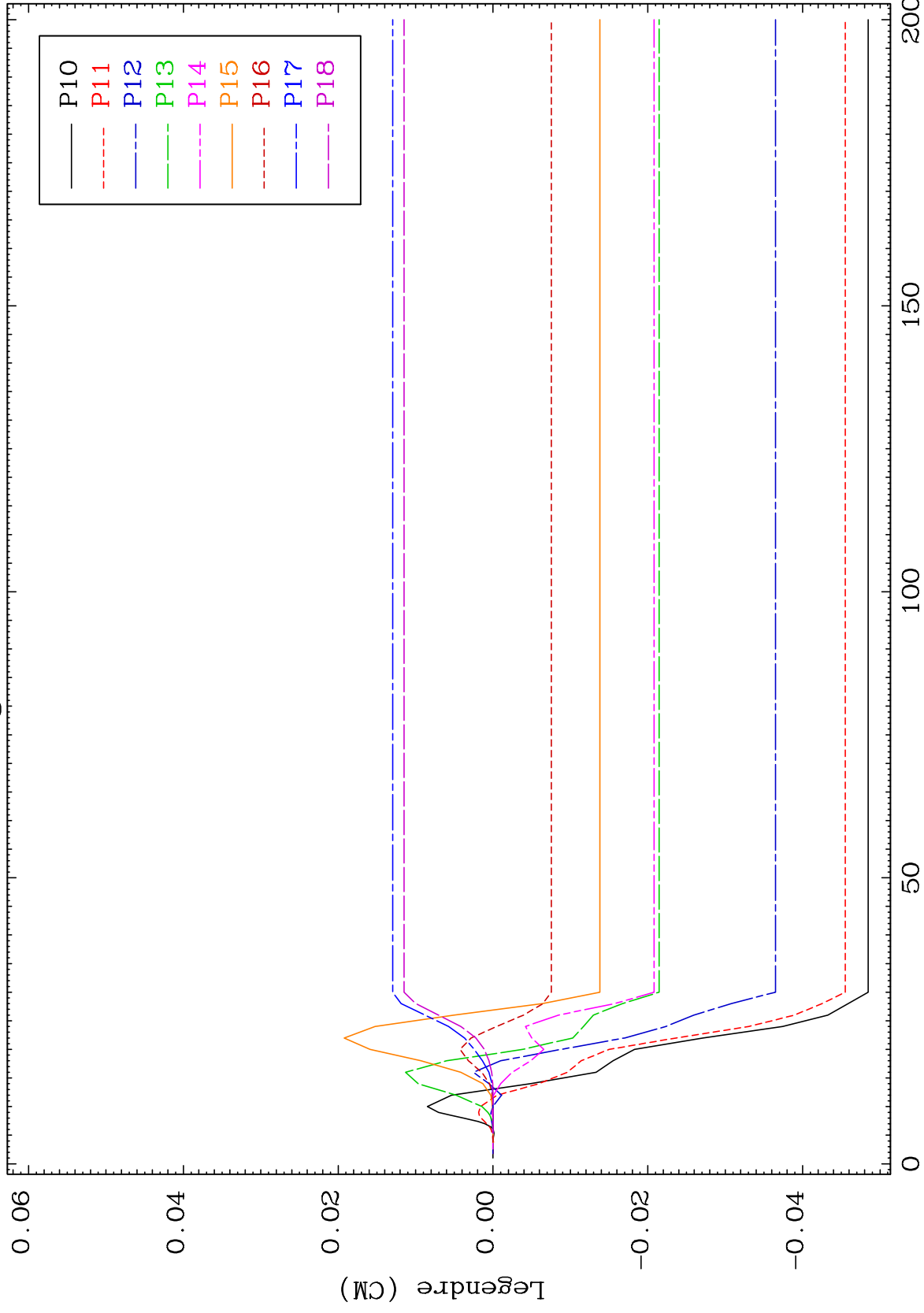
53-I -129



MAT 5331

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

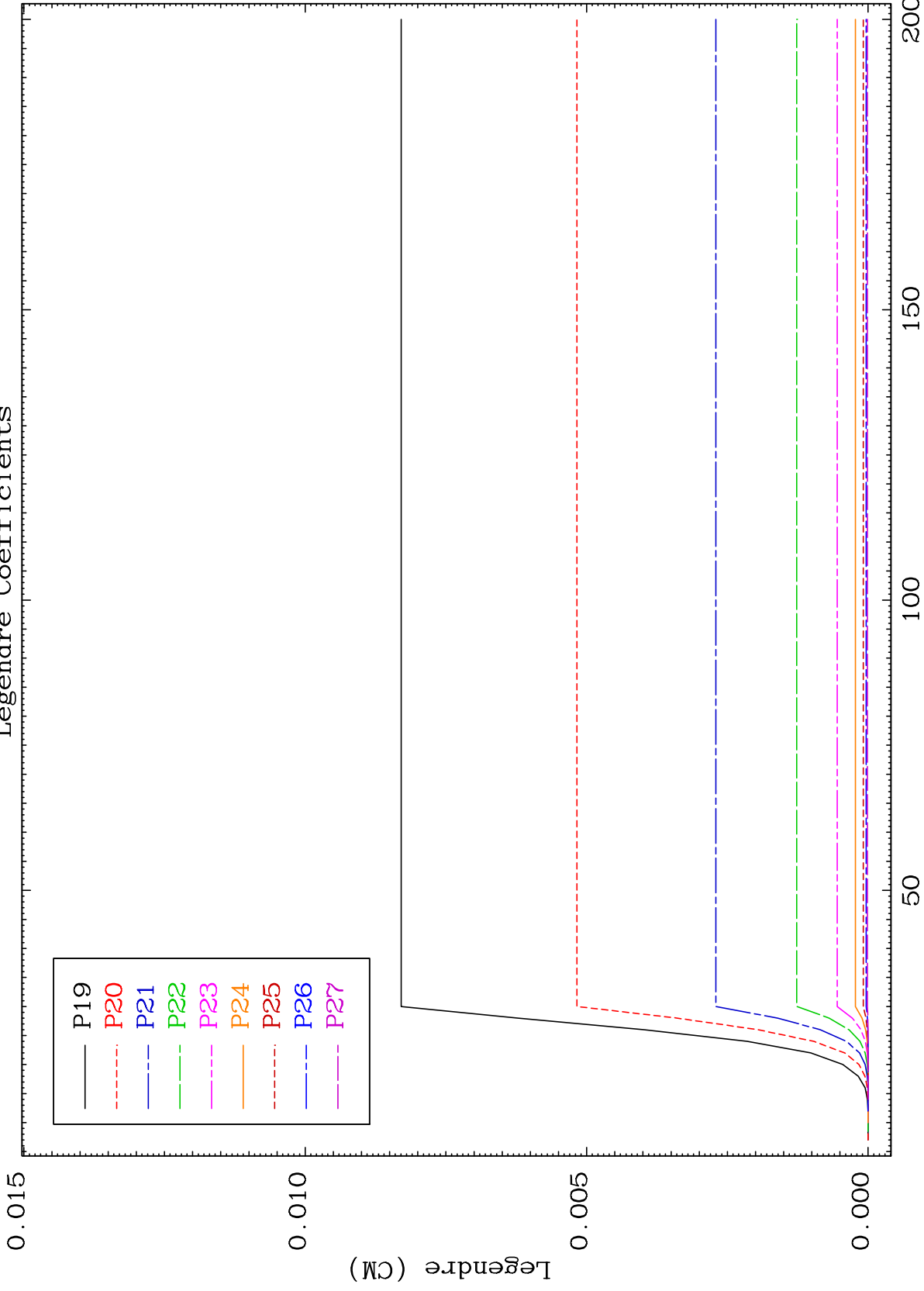
53-I -129



35

Incident Energy (MeV)

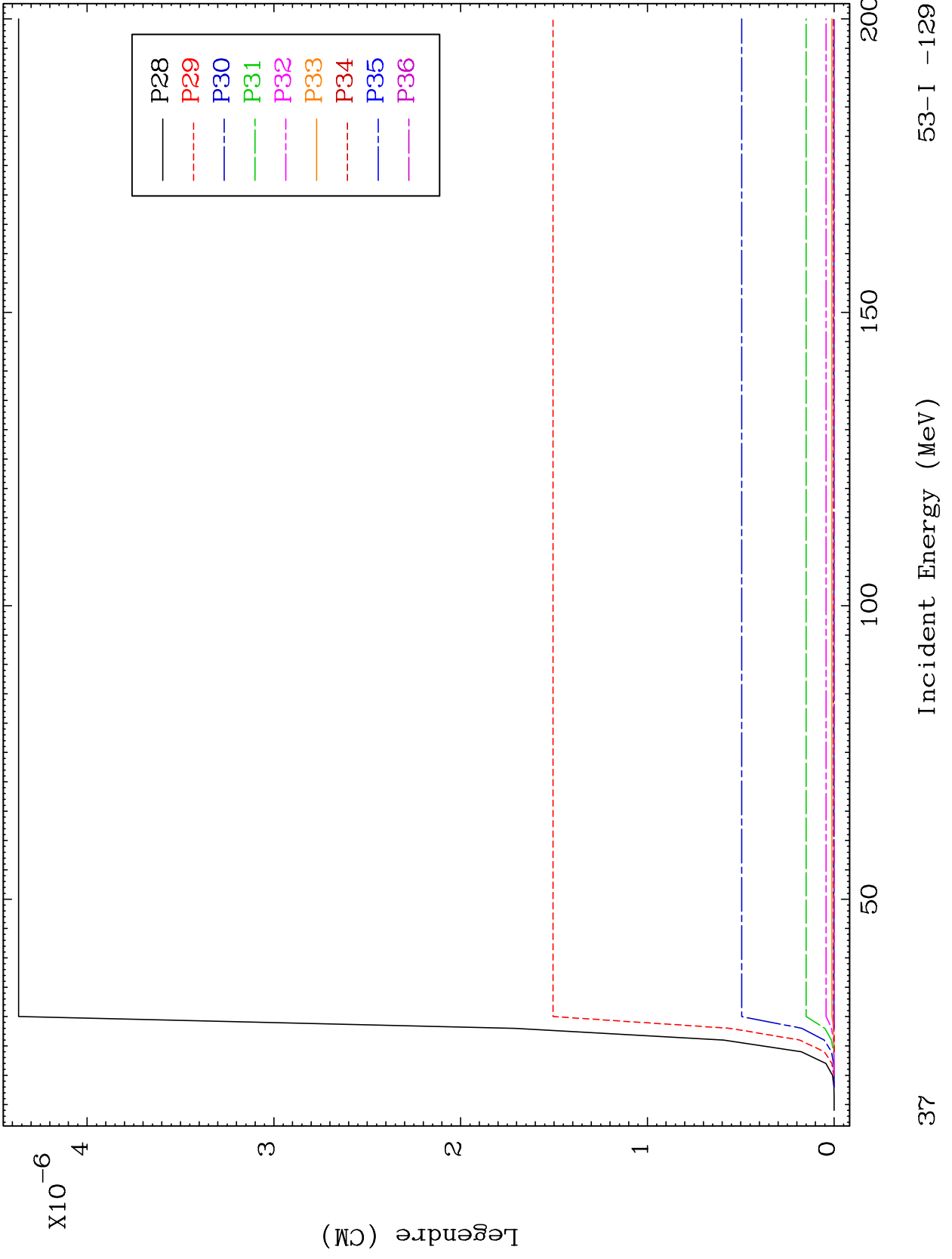
53-I -129

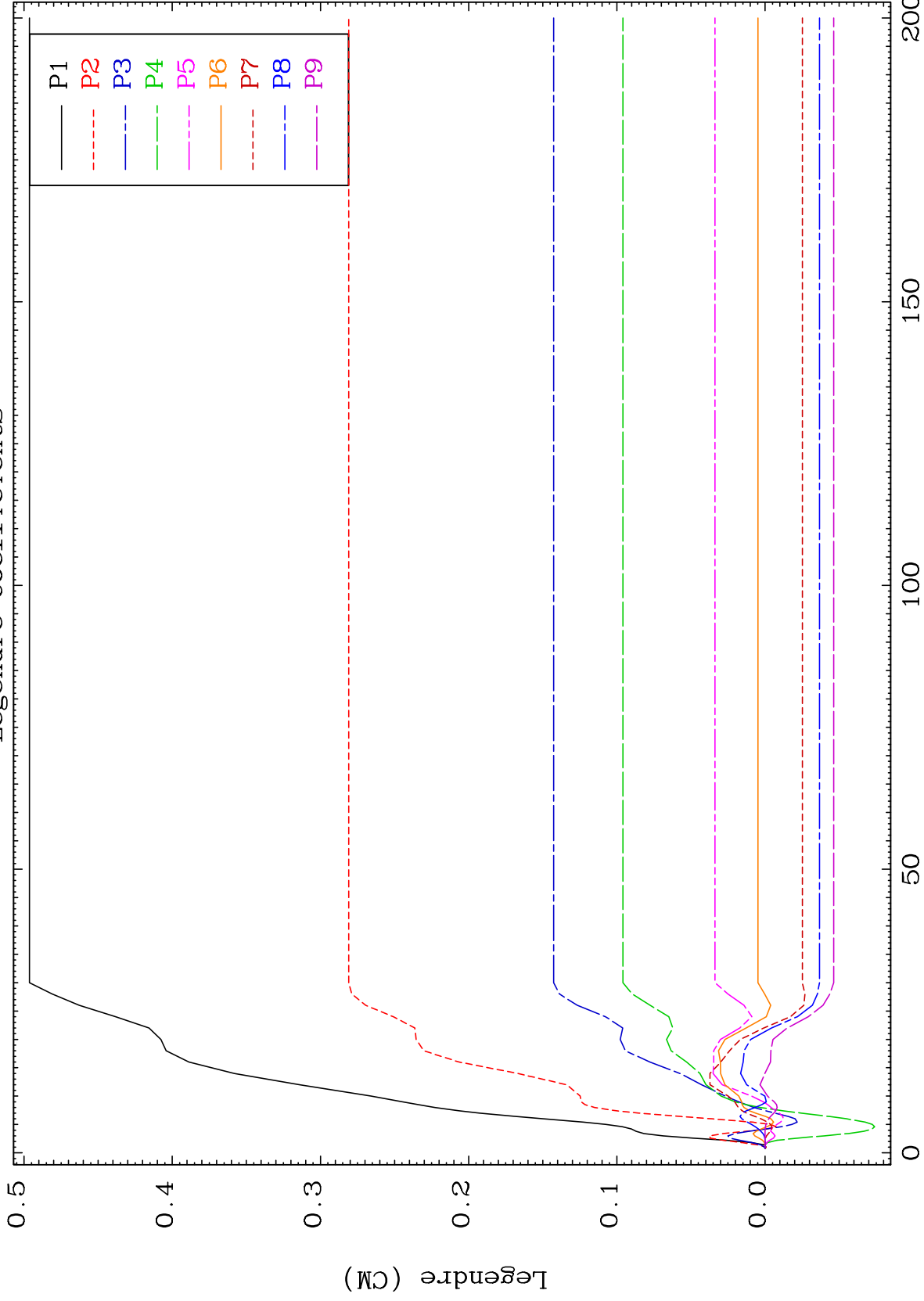


MAT 5331

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

53-I -129

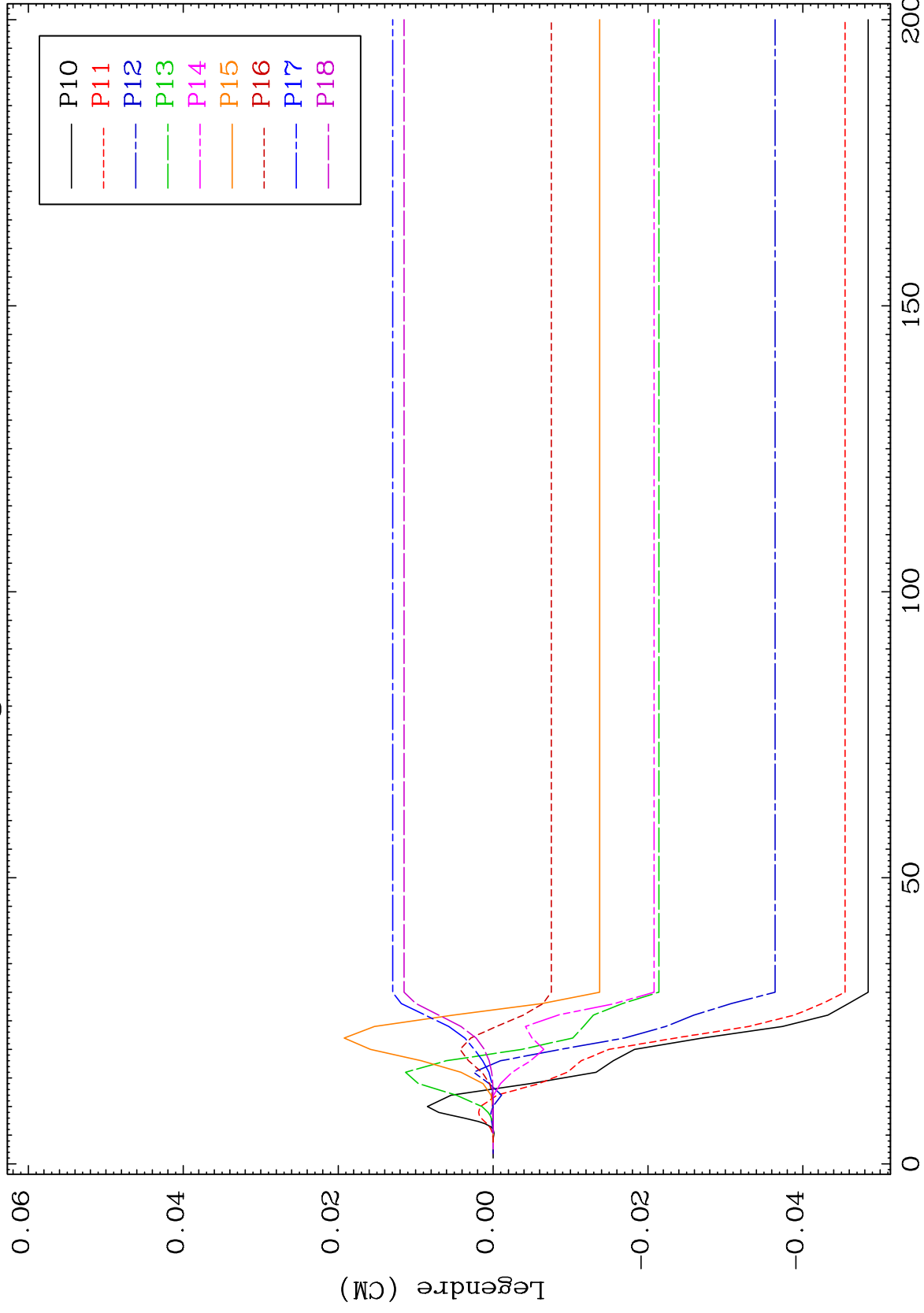




MAT 5331

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

53-I -129



39

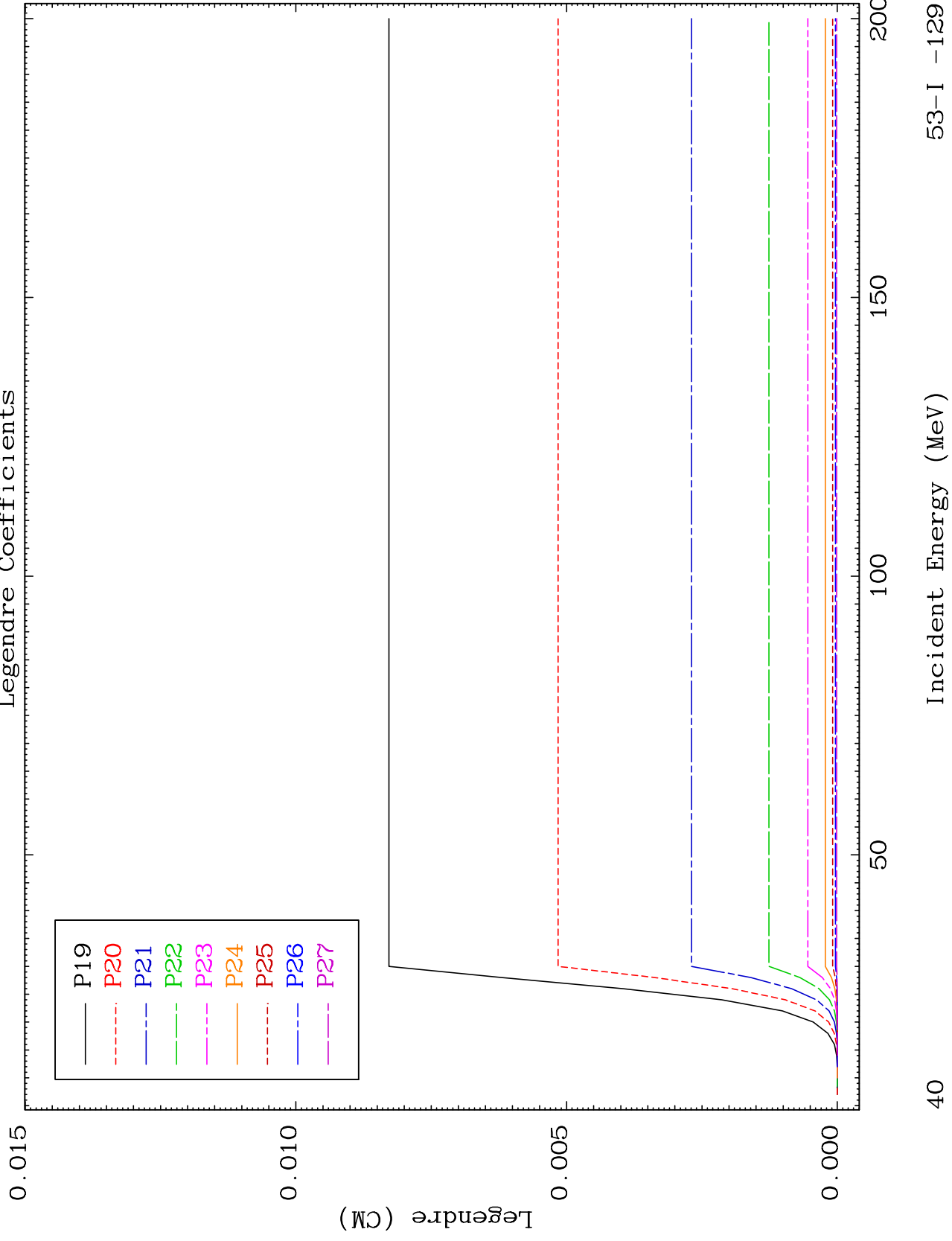
Incident Energy (MeV)

53-I -129

MAT 5331

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

53-I -129



40

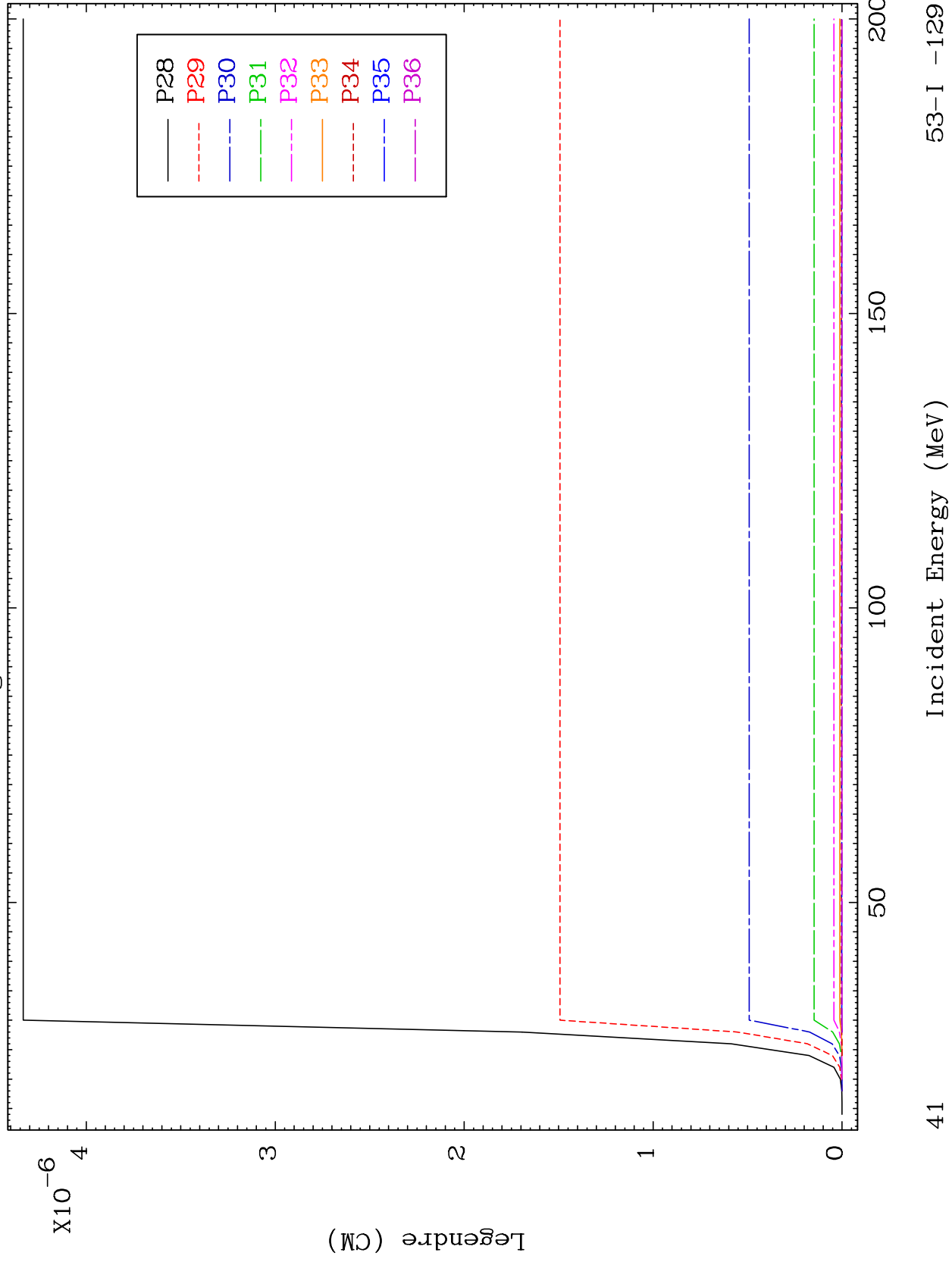
Incident Energy (MeV)

53-I -129

MAT 5331

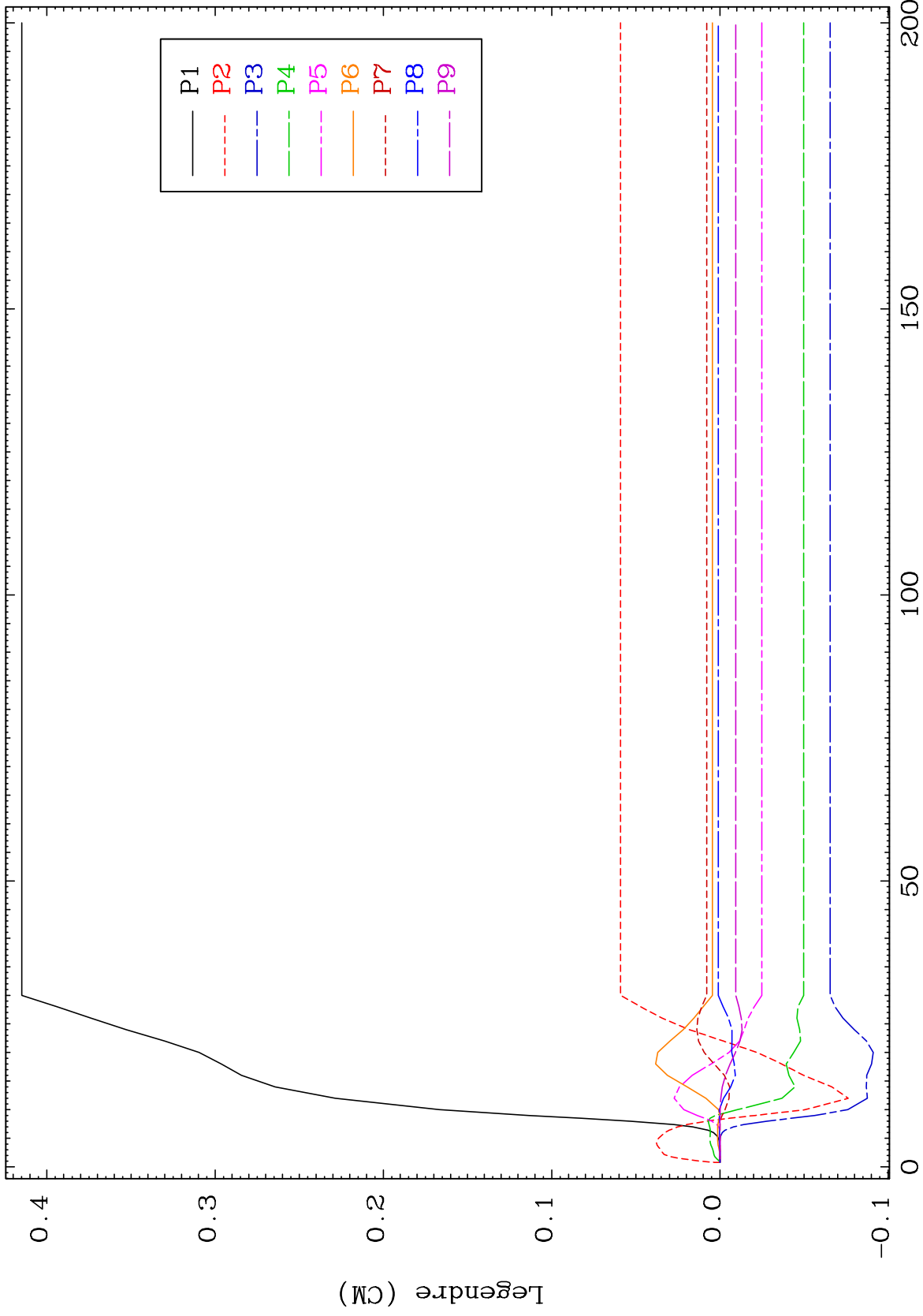
MT= 56 (n,n') Level  
Legendre Coefficients

53-I -129



41

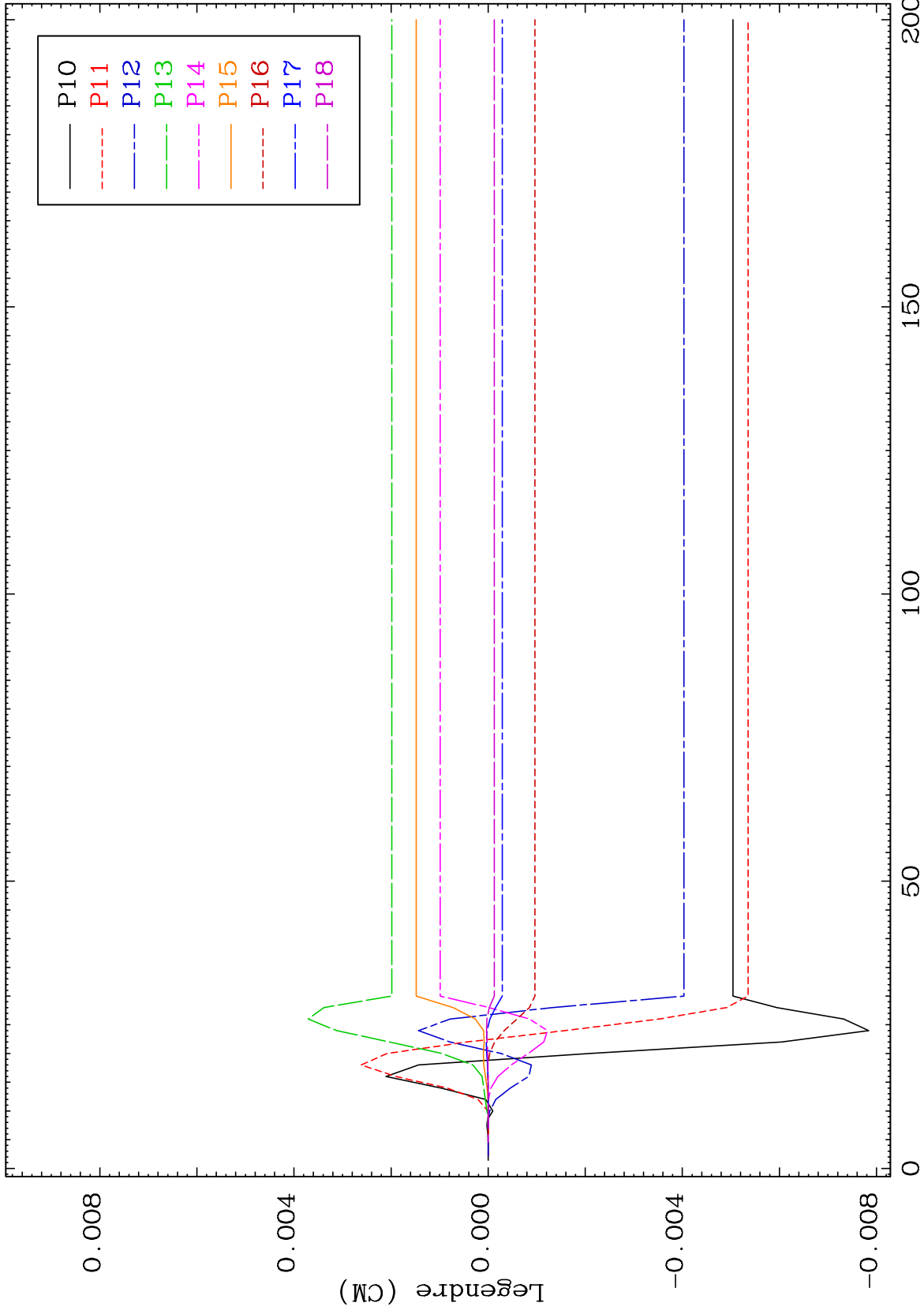
53-I -129



MAT 5331

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

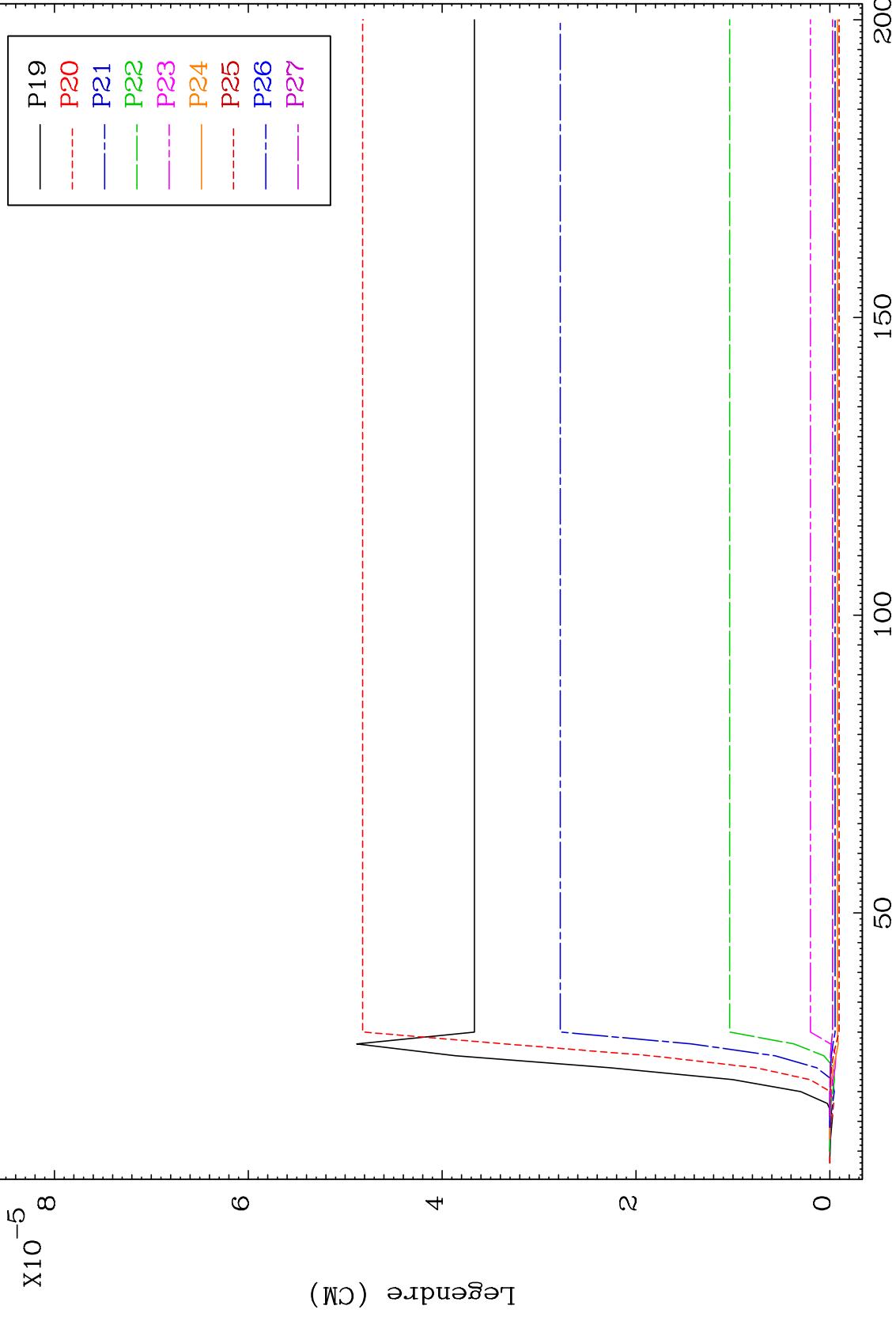
53-I -129



43

Incident Energy (MeV)

53-I -129

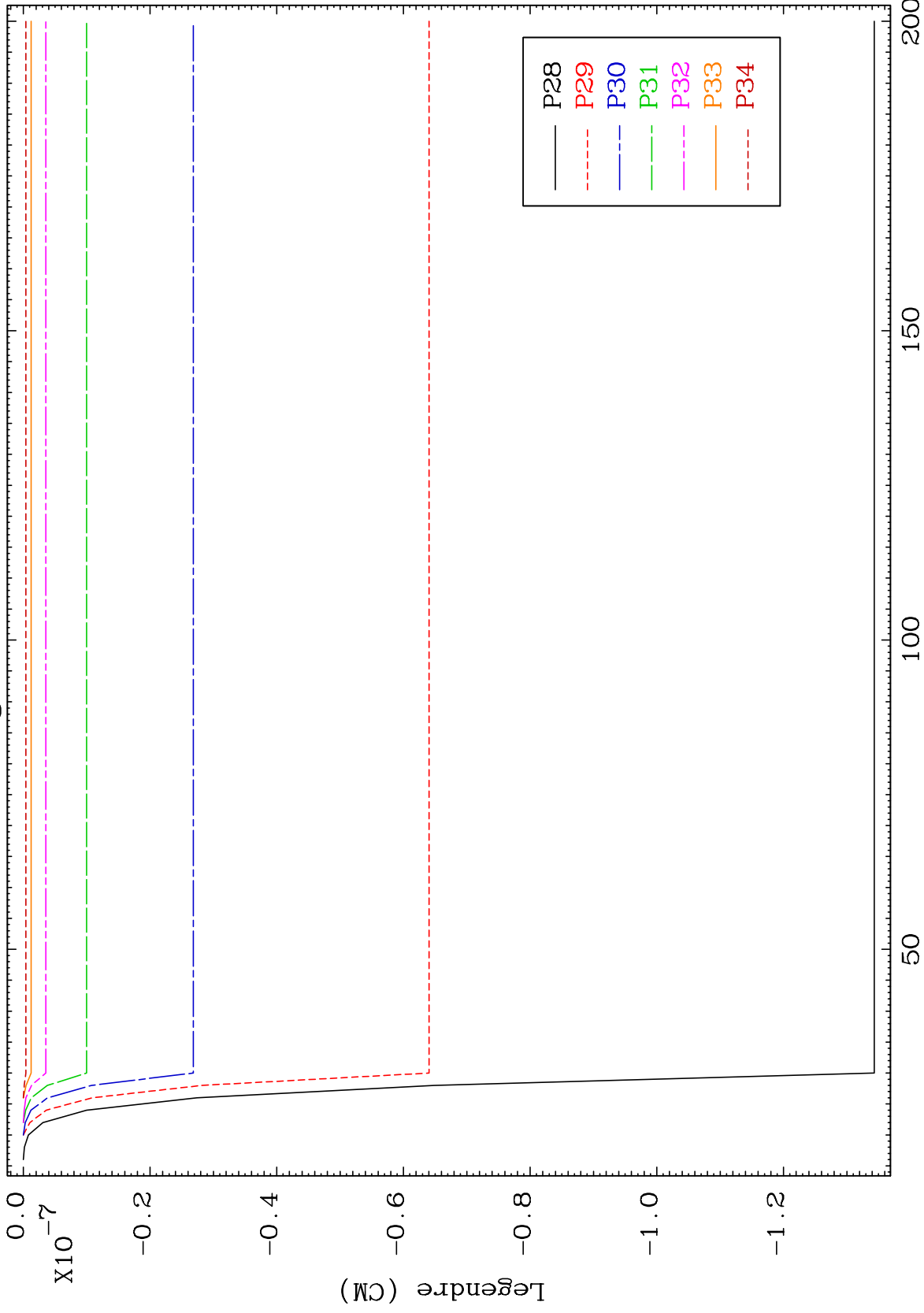


MAT 5331

MT= 57 (n,n') Level

53-I -129

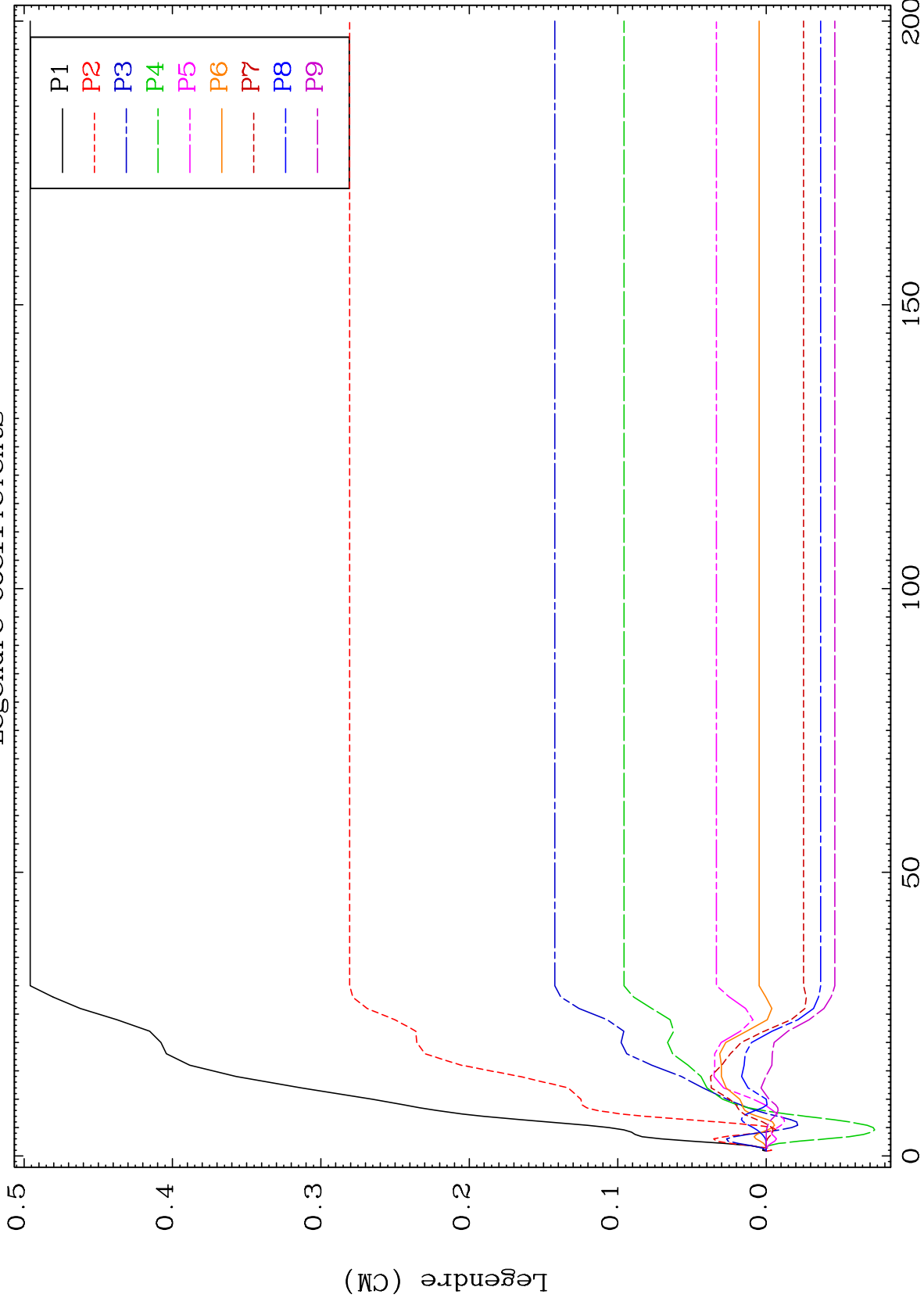
Legendre Coefficients



45

Incident Energy (MeV)

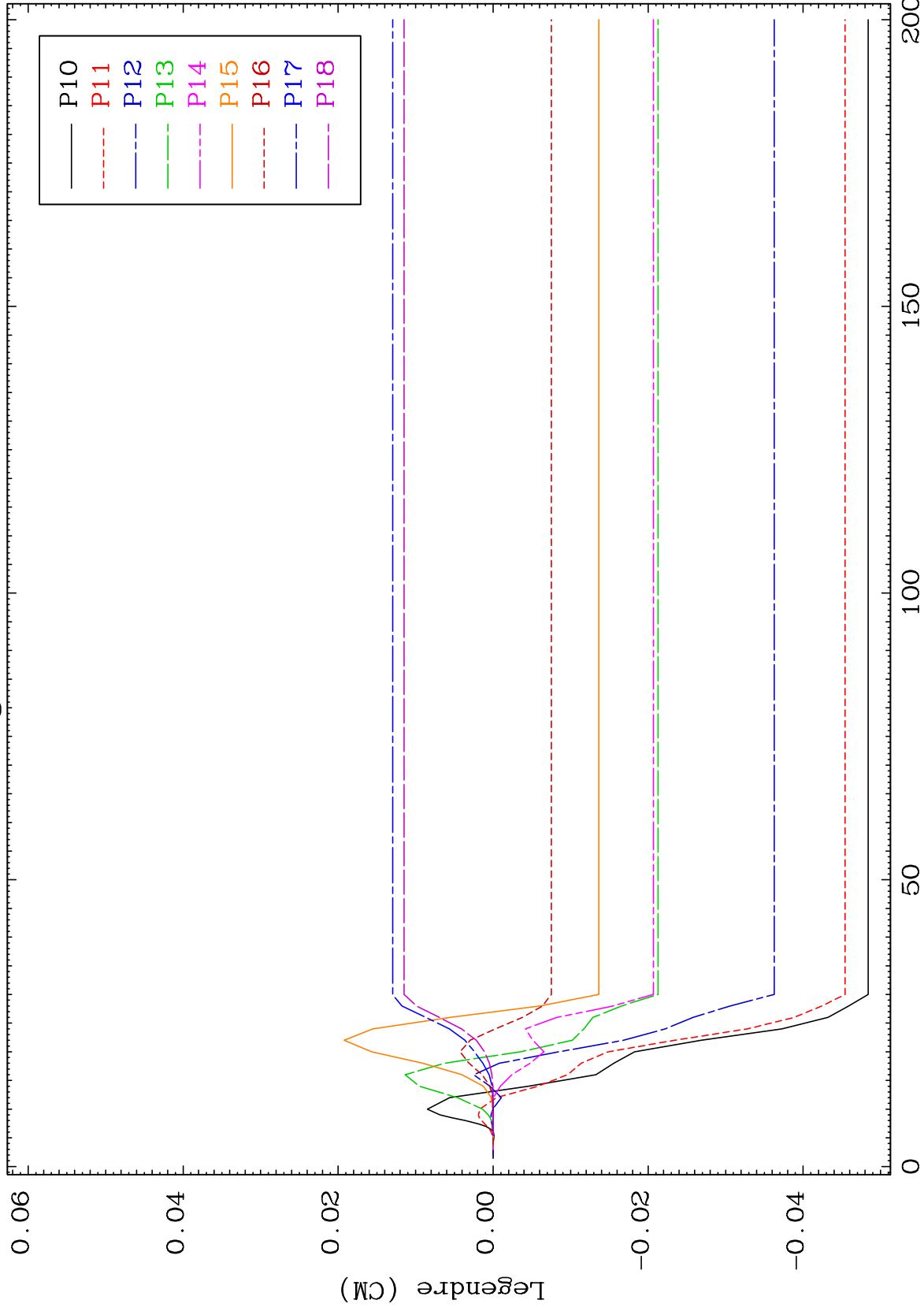
53-I -129



MAT 5331

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

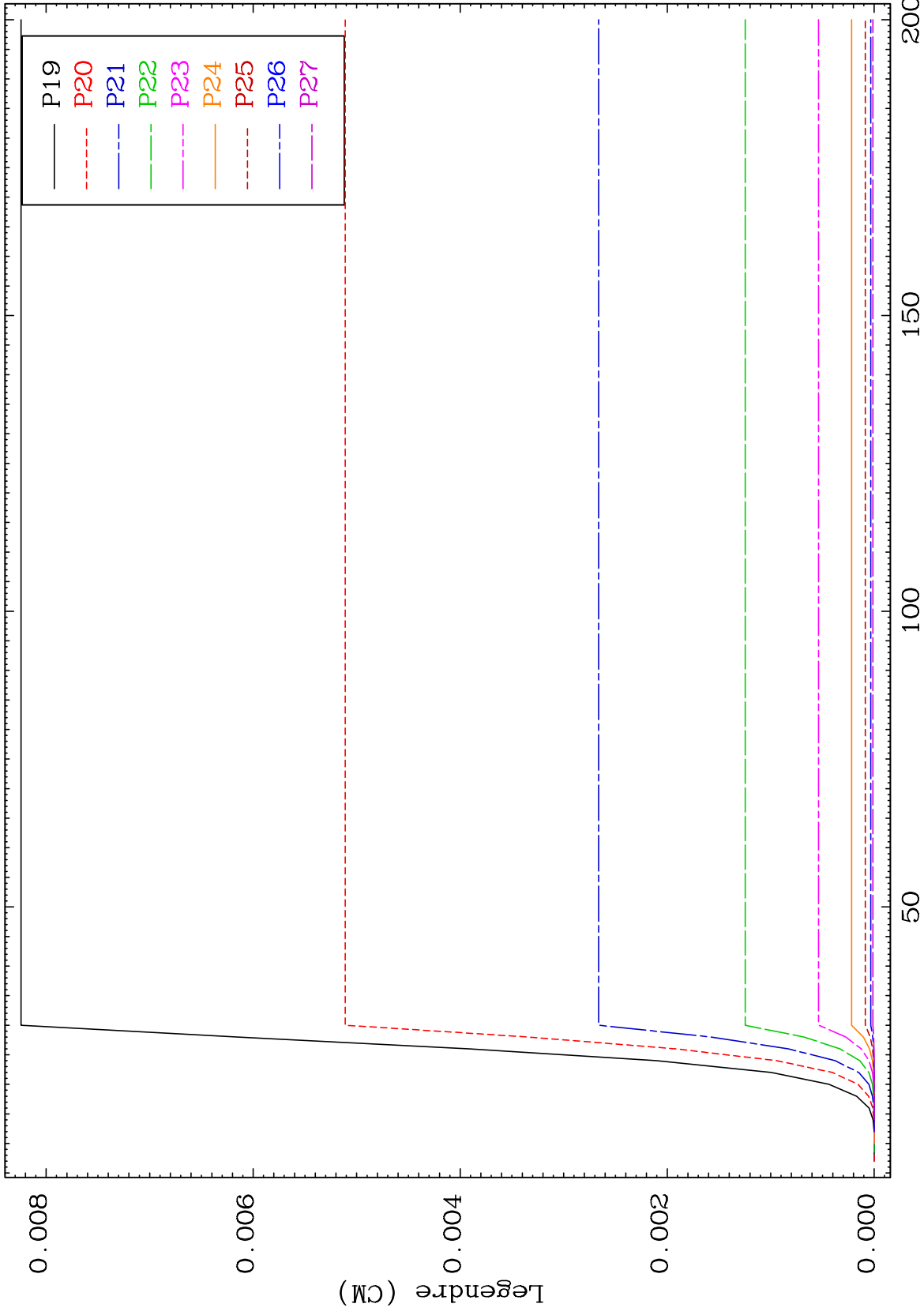
53-I -129



47

Incident Energy (MeV)

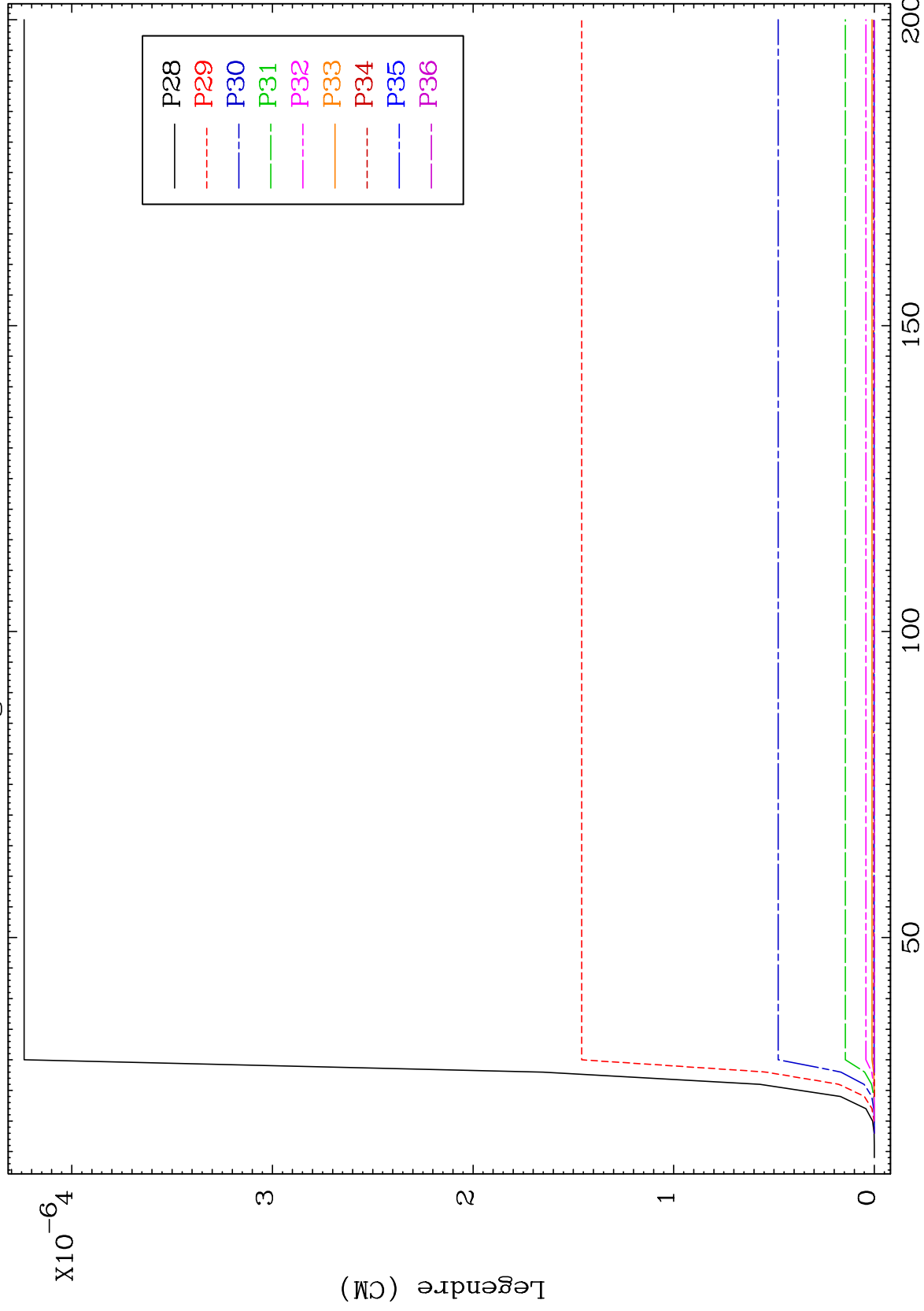
53-I -129



MAT 5331

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

53-I -129



49

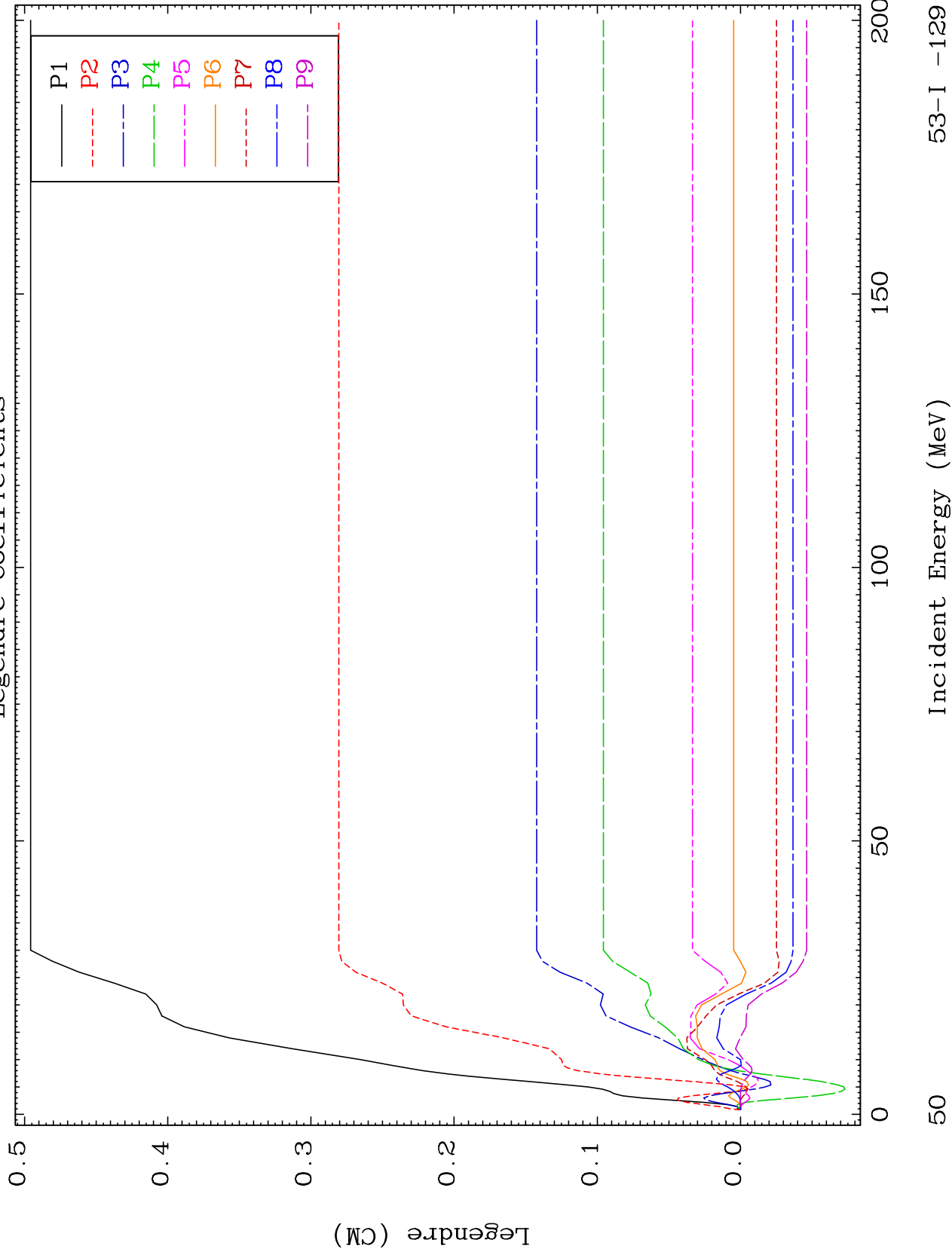
Incident Energy (MeV)

53-I -129

MAT 5331

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

53-I -129

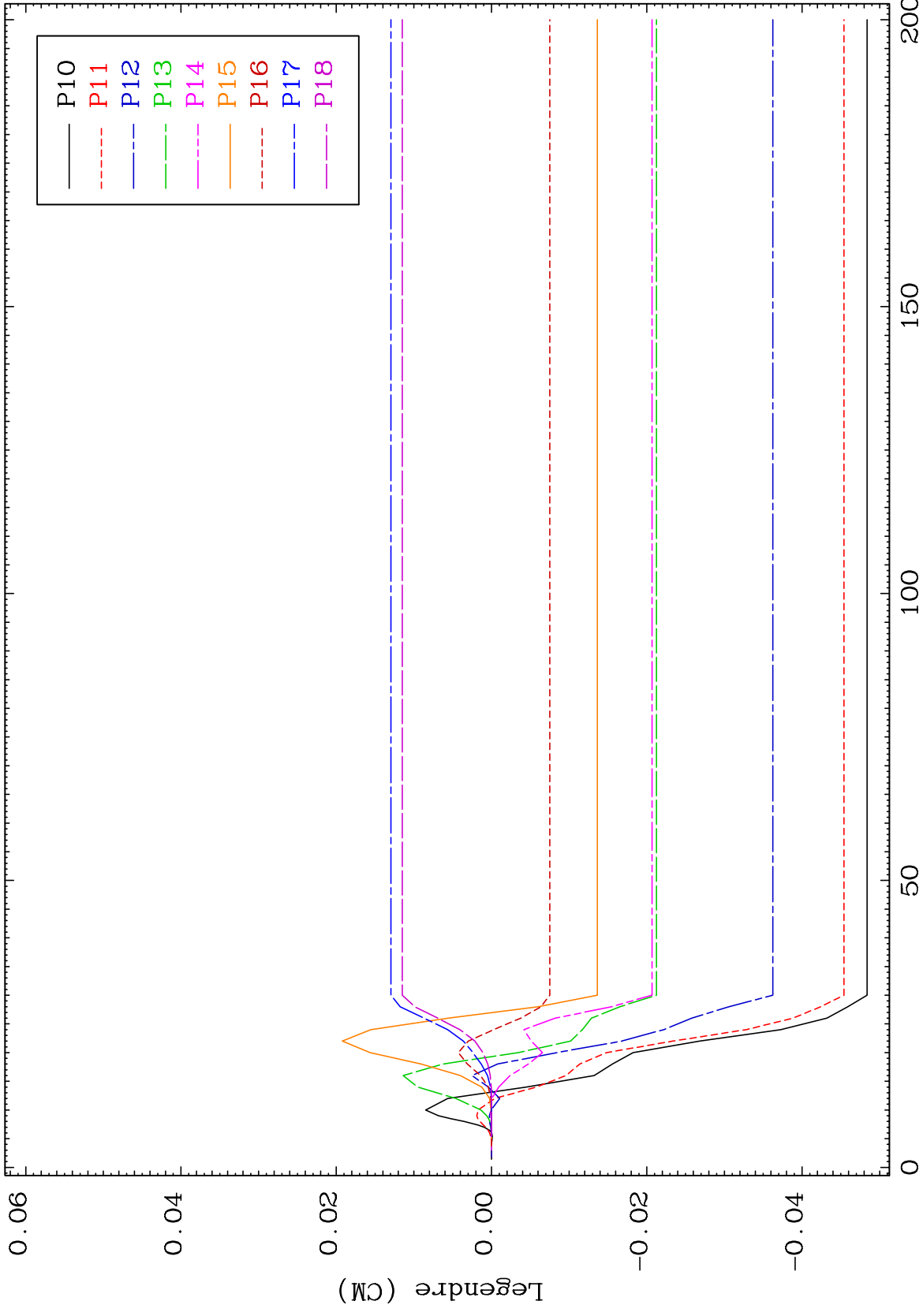


53-I -129

MAT 5331

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

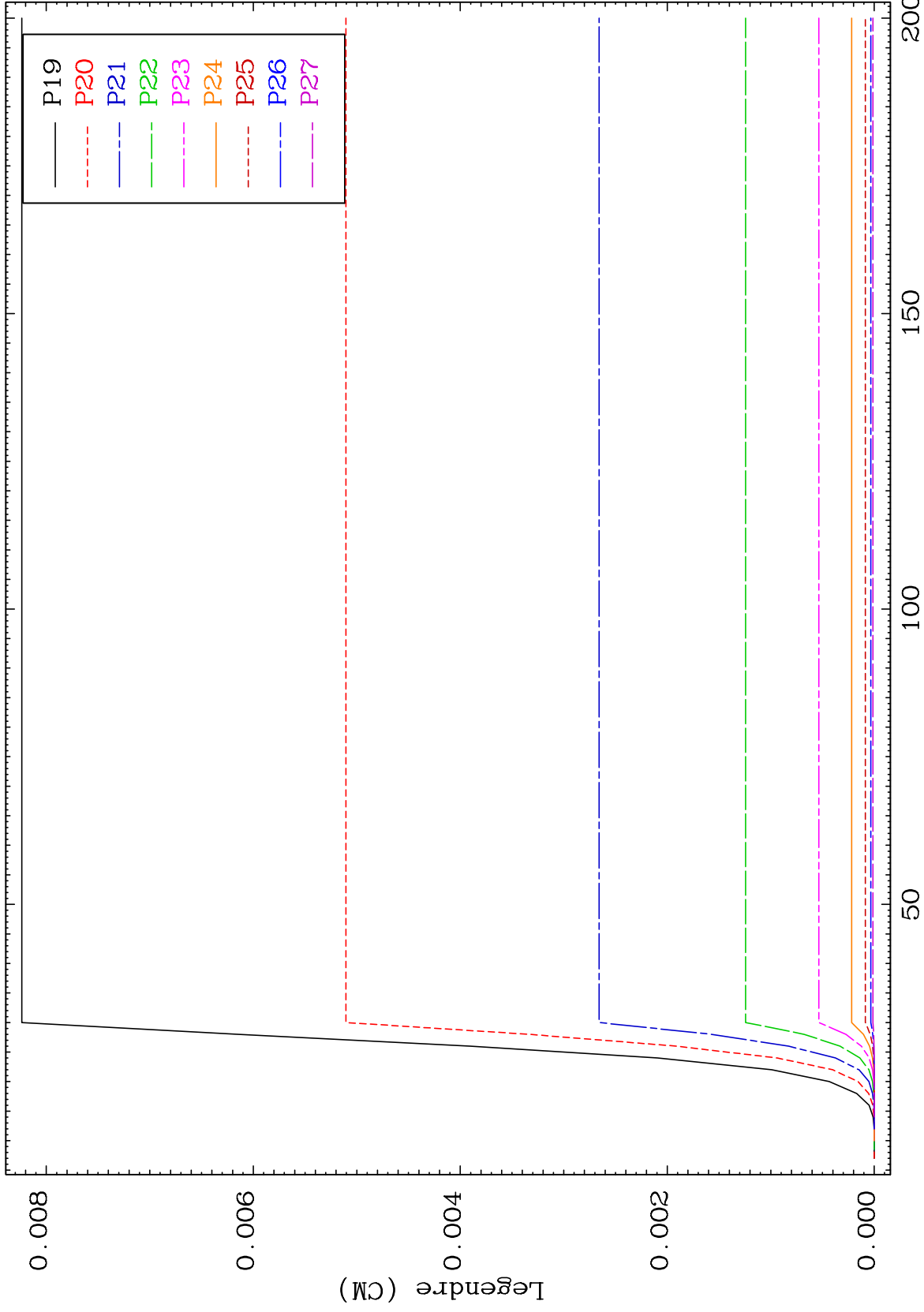
53-I -129



51

Incident Energy (MeV)

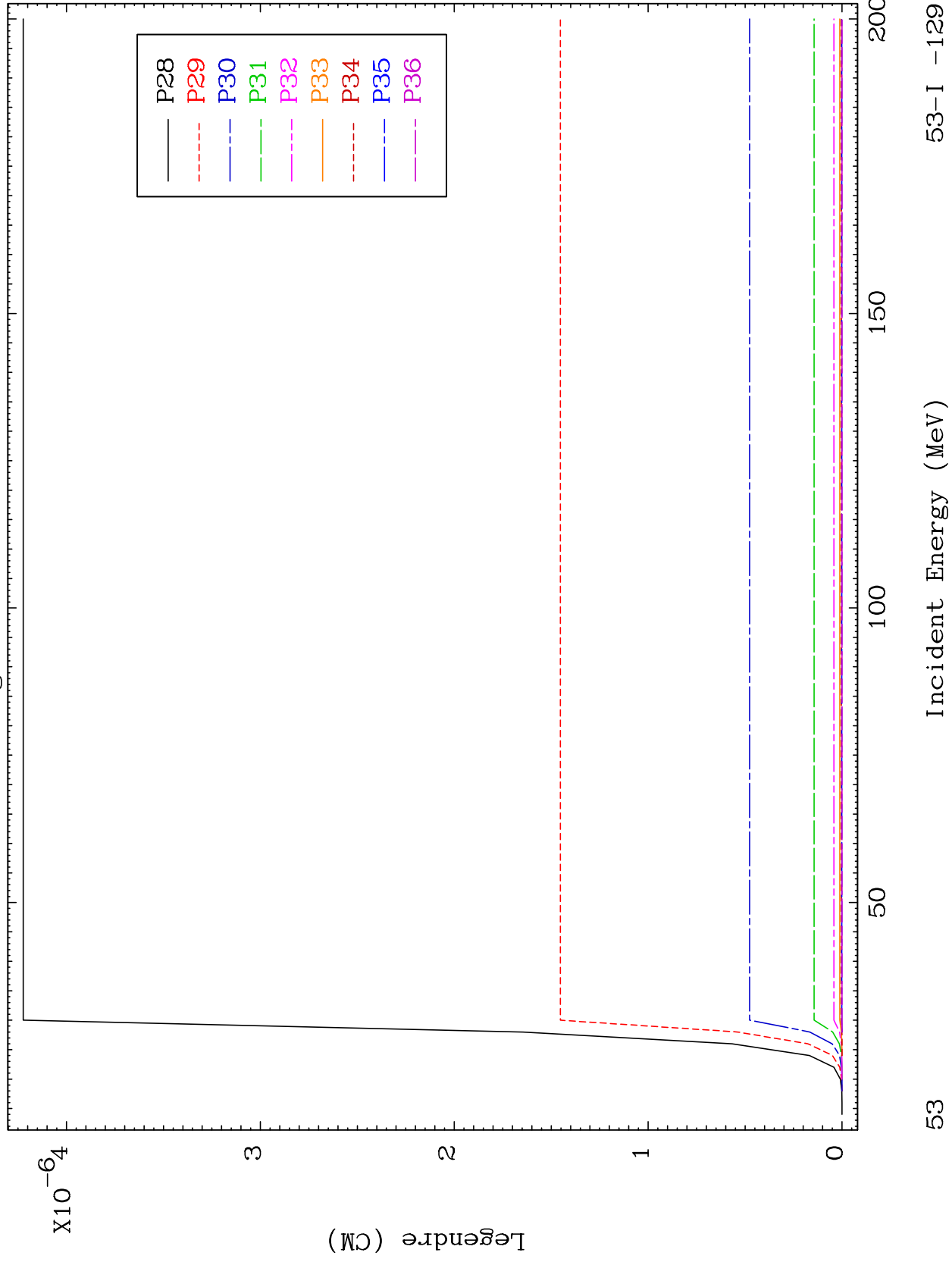
53-I -129

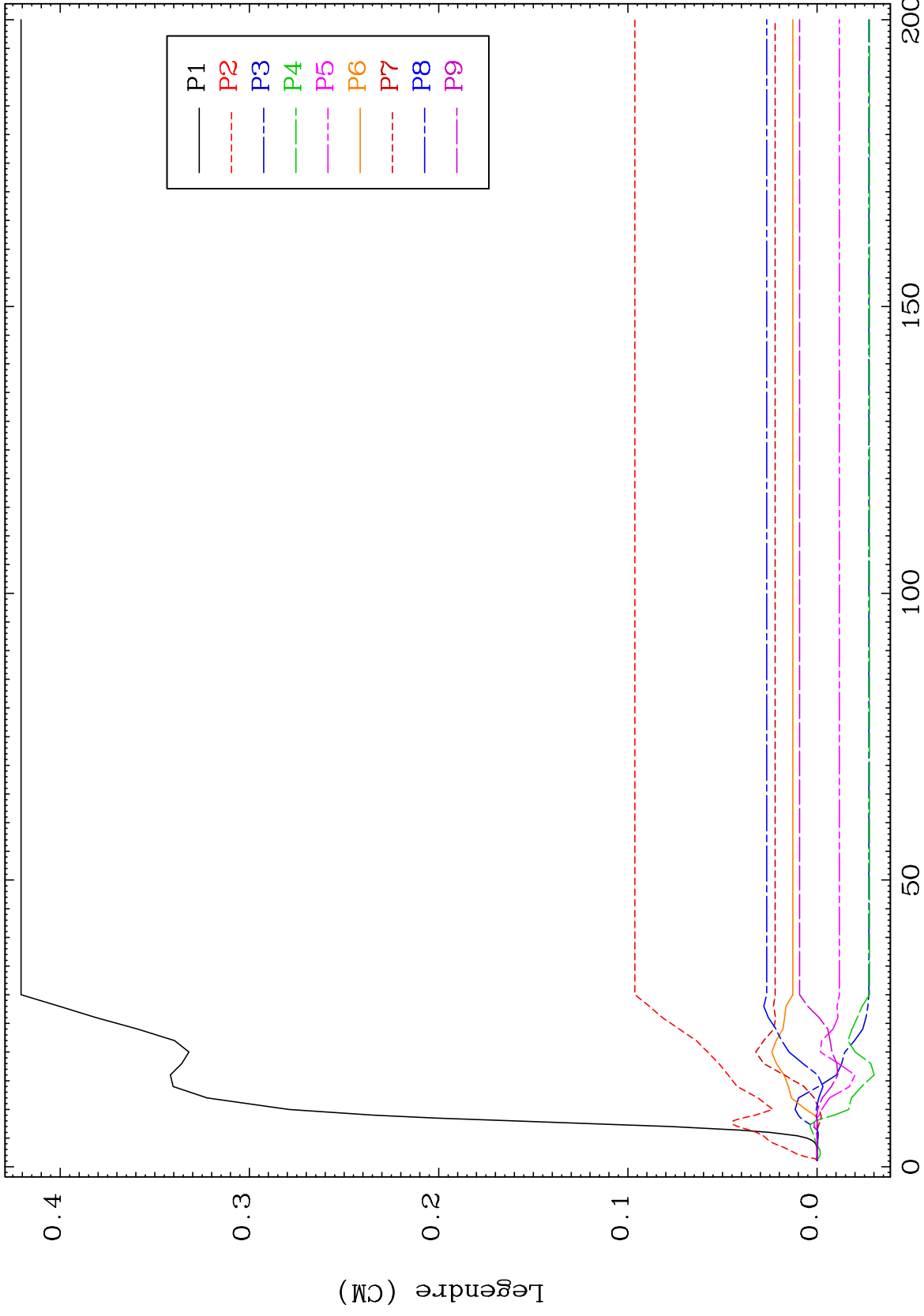


MAT 5331

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

53-I -129

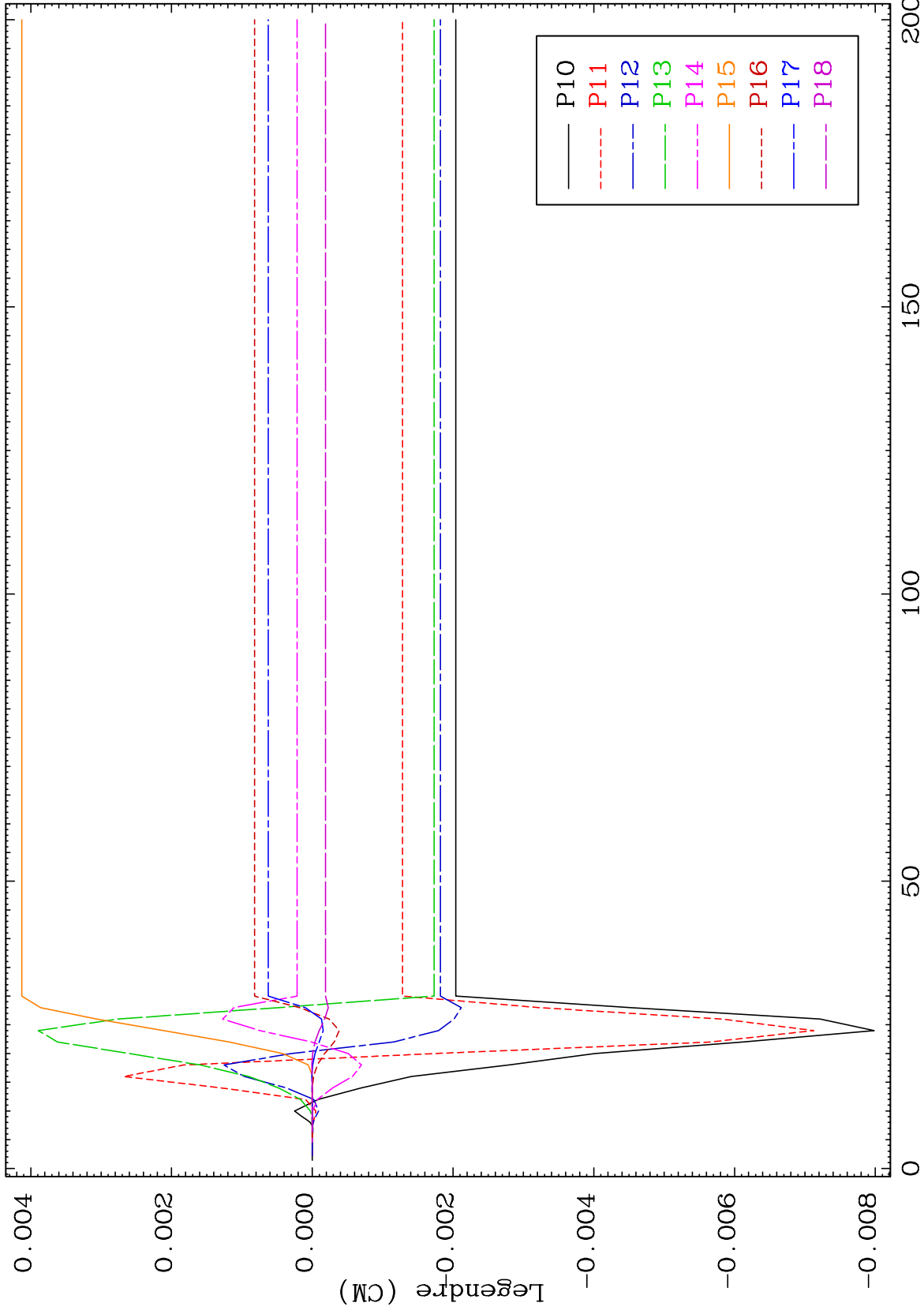




MAT 5331

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

53-I -129



55

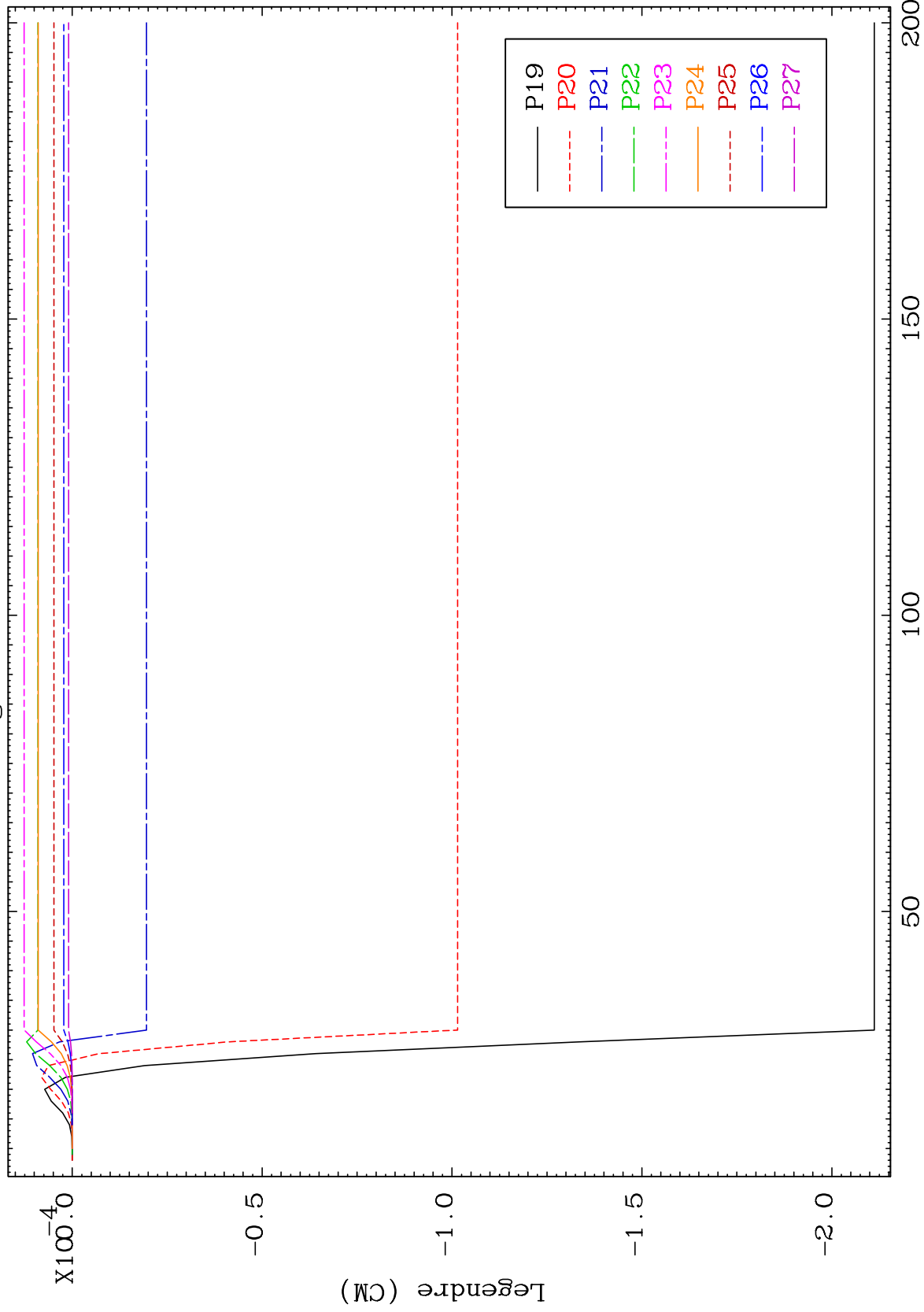
Incident Energy (MeV)

53-I -129

MAT 5331

53-I -129

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



56

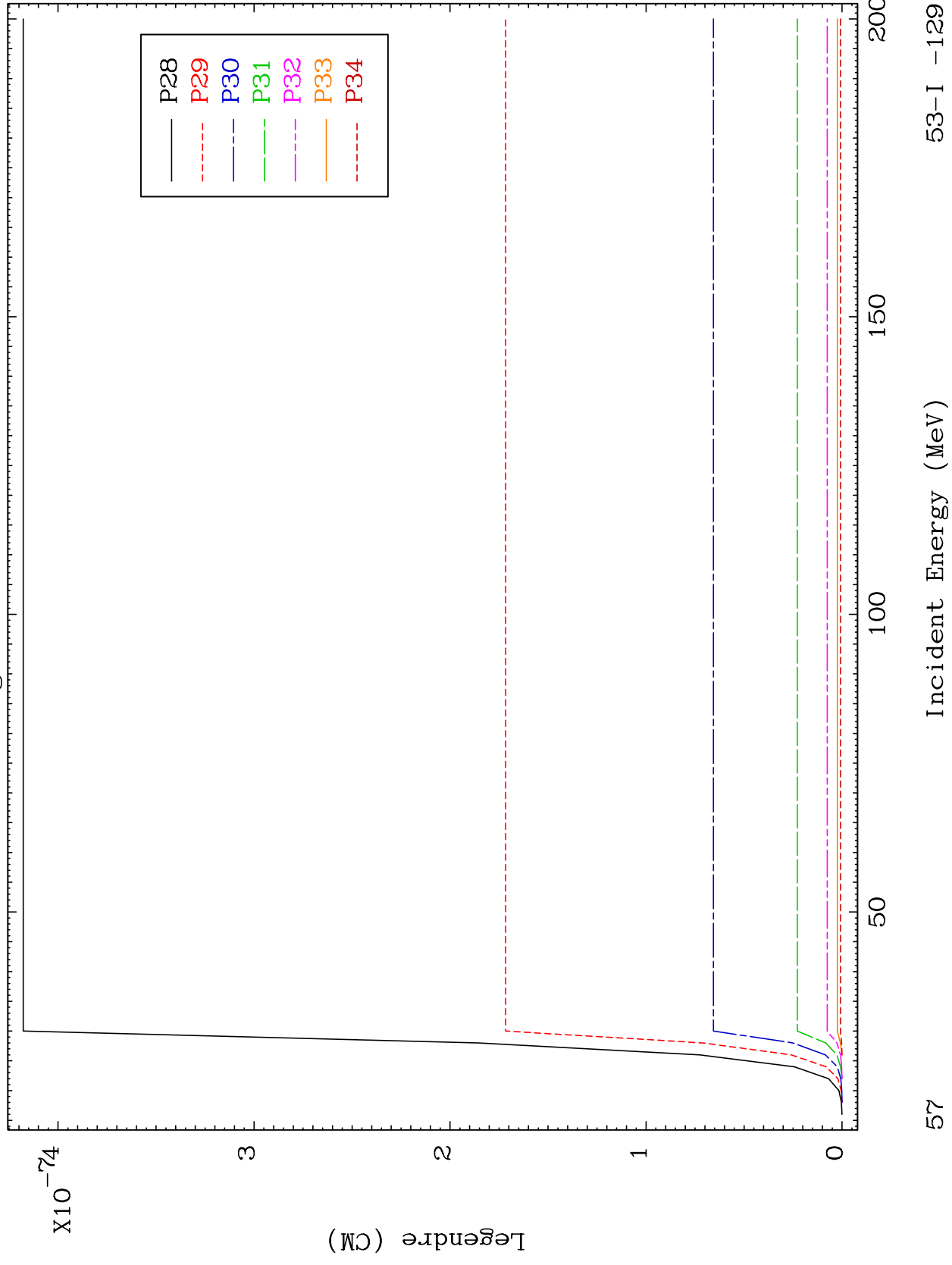
Incident Energy (MeV)

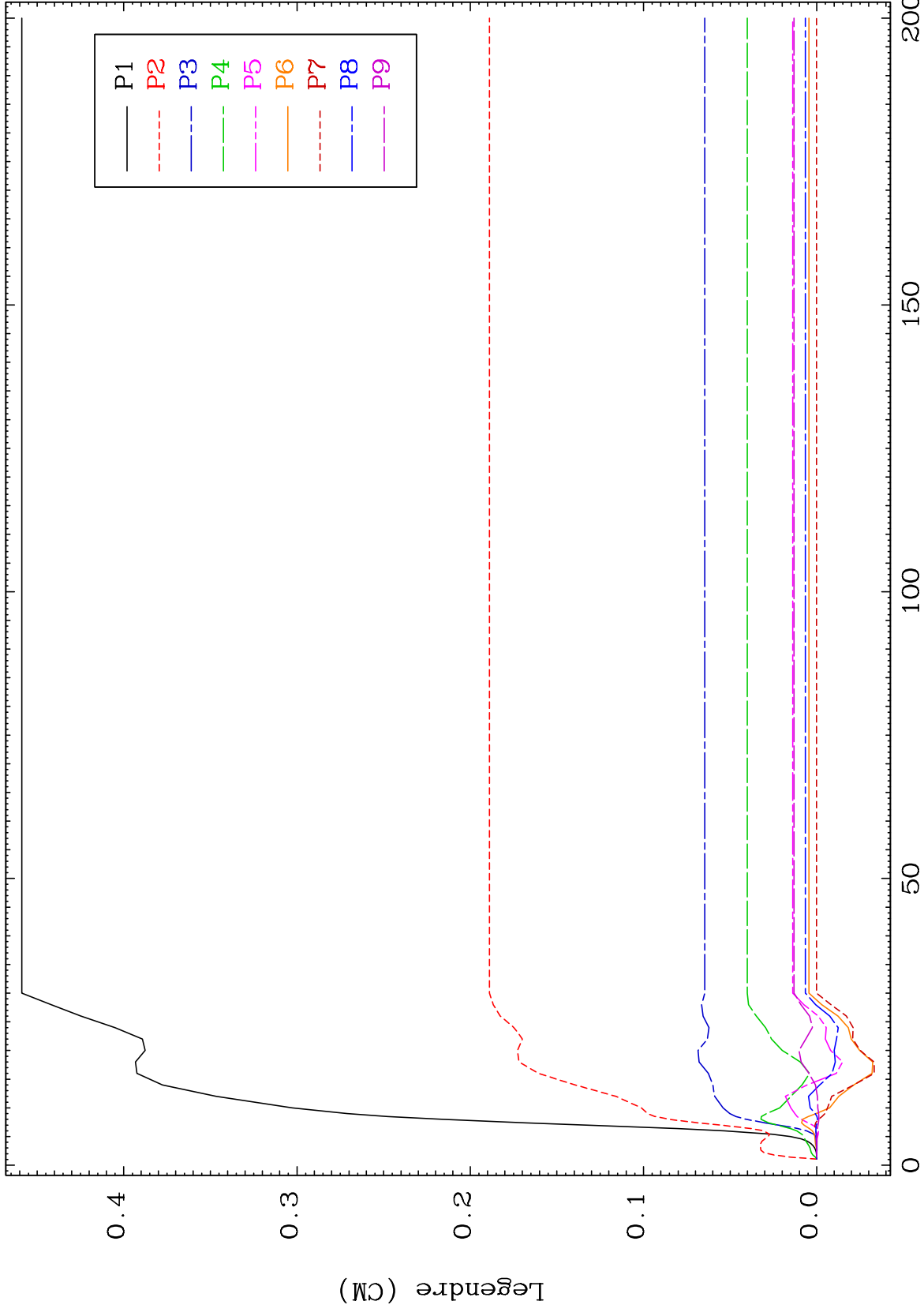
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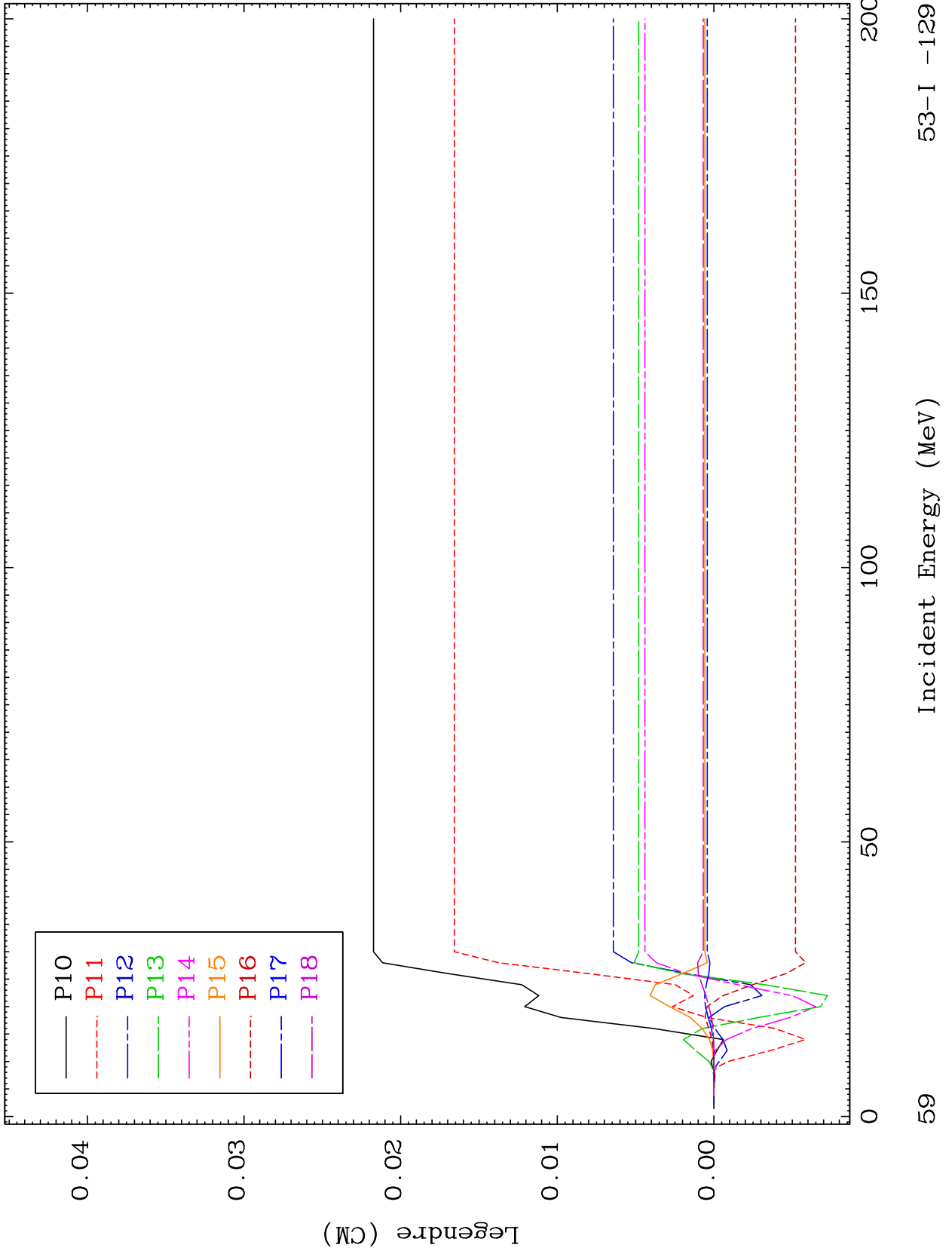
MAT 5331

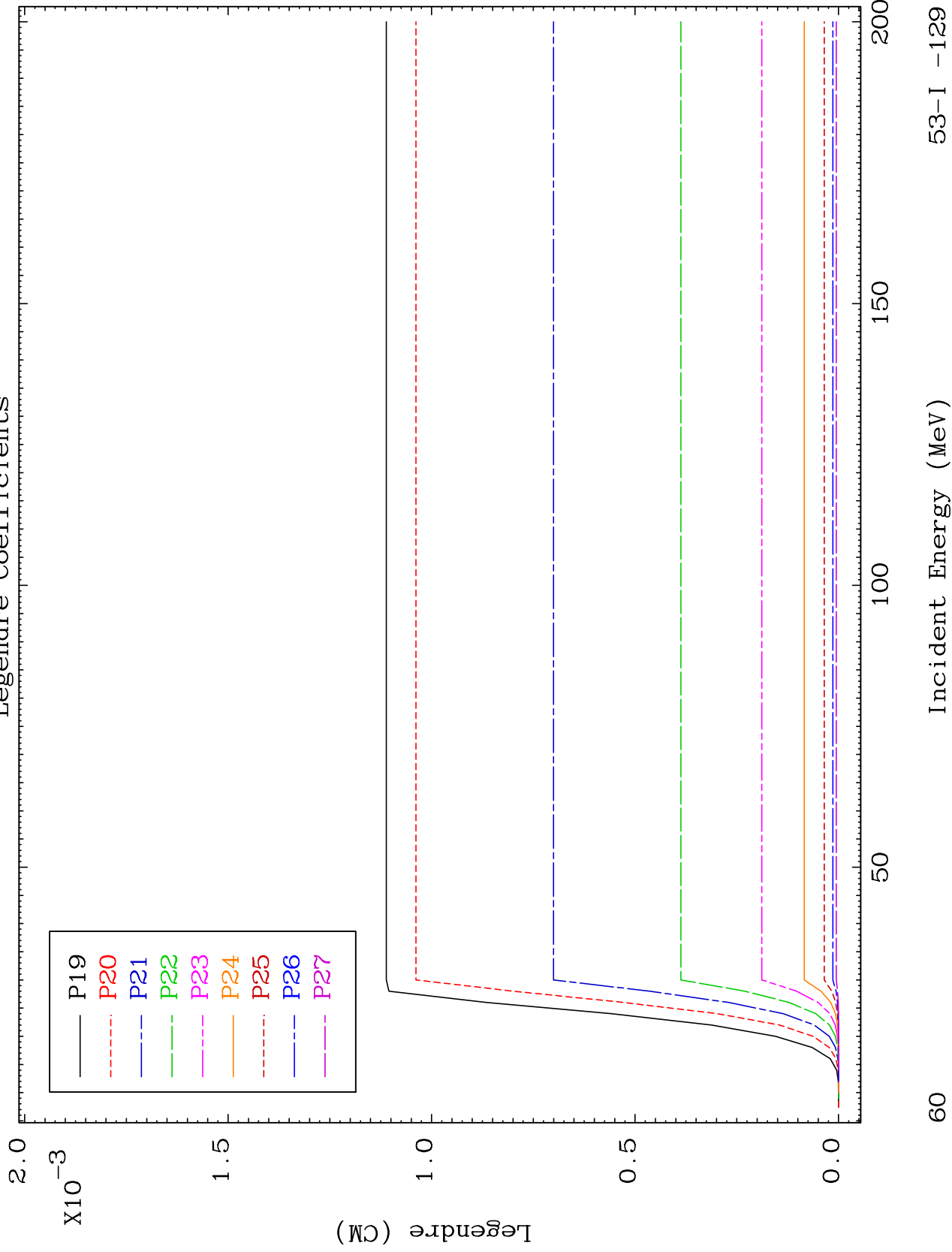
MT= 60 (n,n') Level  
Legendre Coefficients

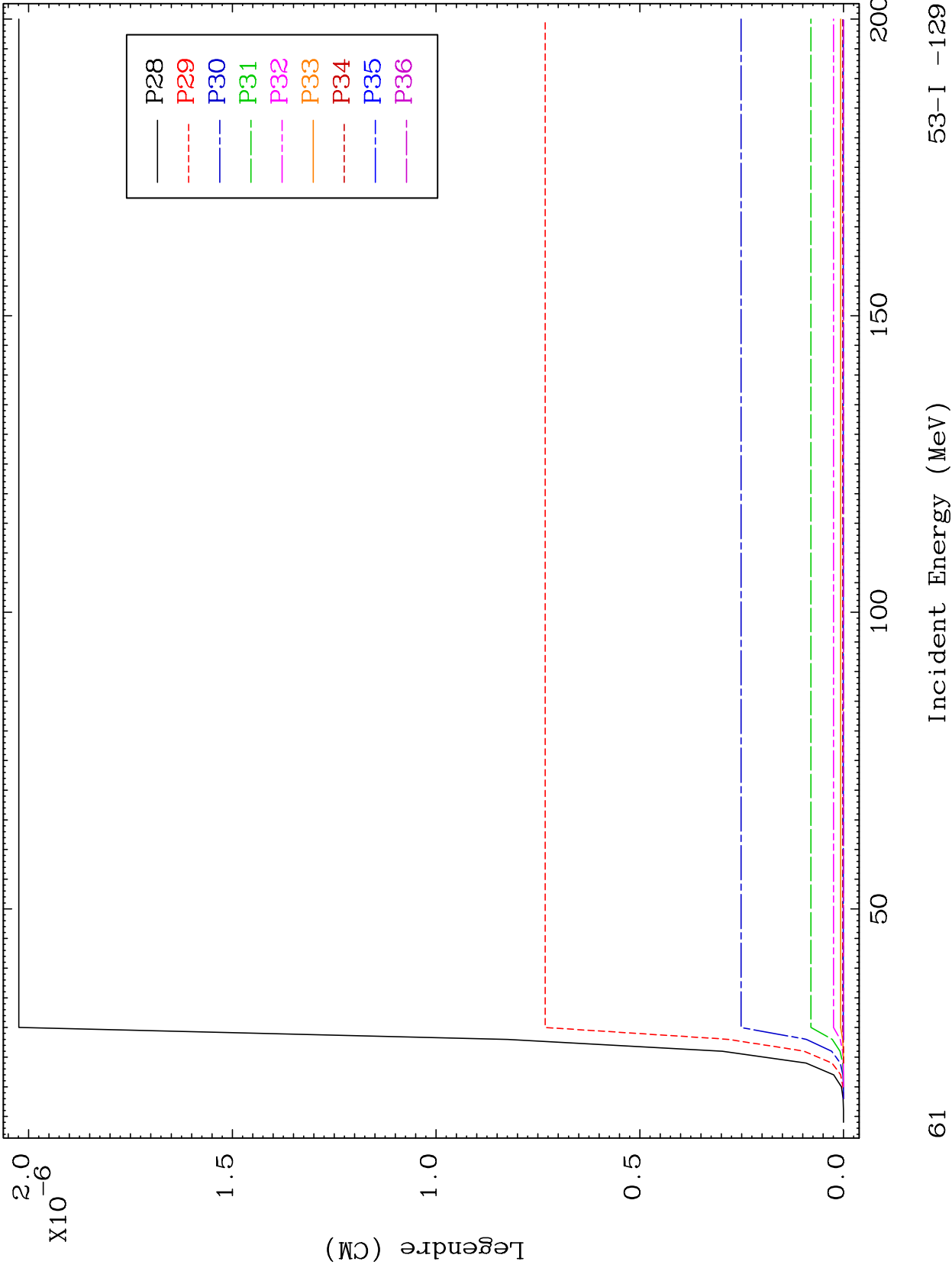
53-I -129









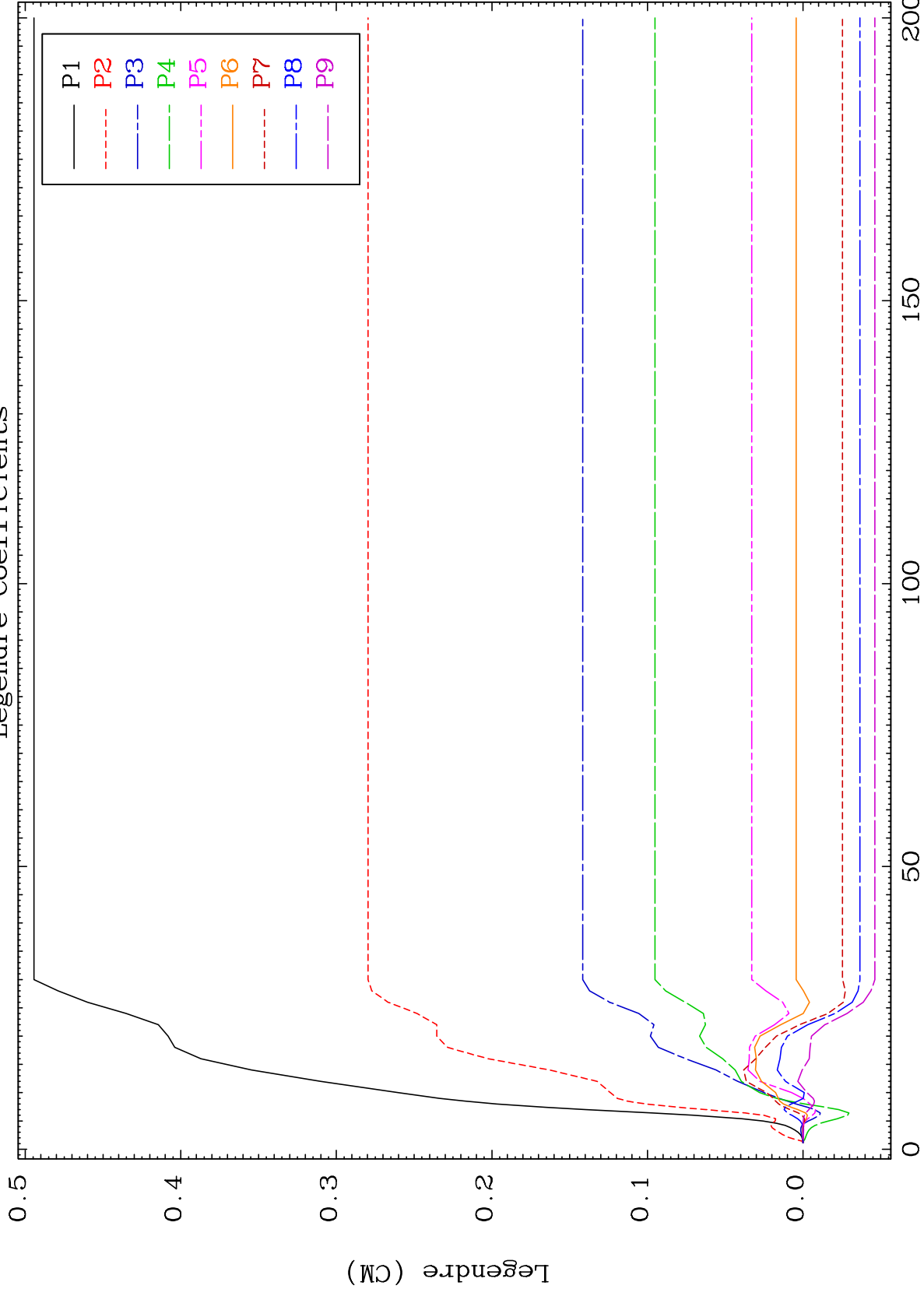


MAT 5331

MT= 62 (n,n') Level

53-I -129

Legendre Coefficients



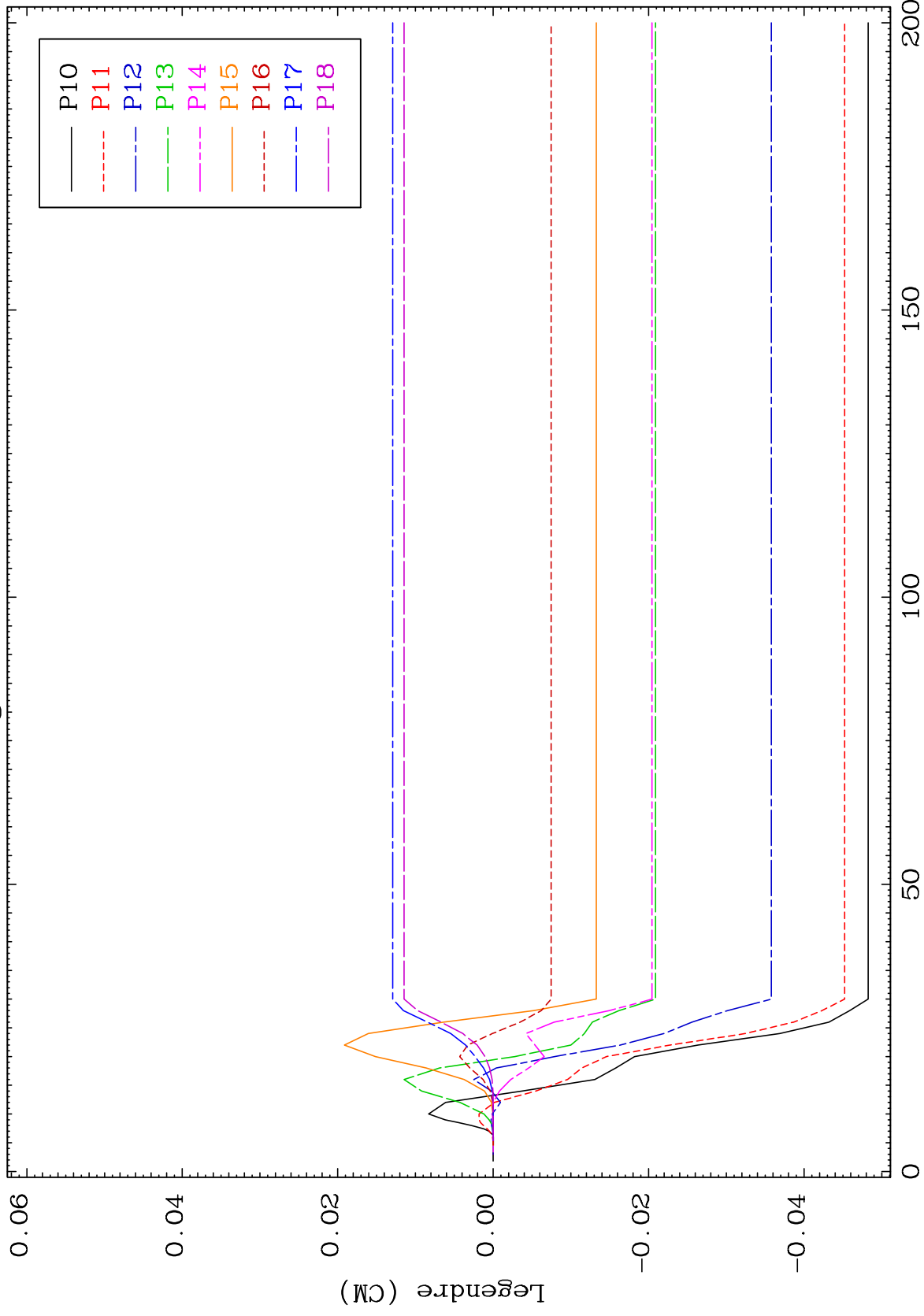
62

53-I -129

MAT 5331

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

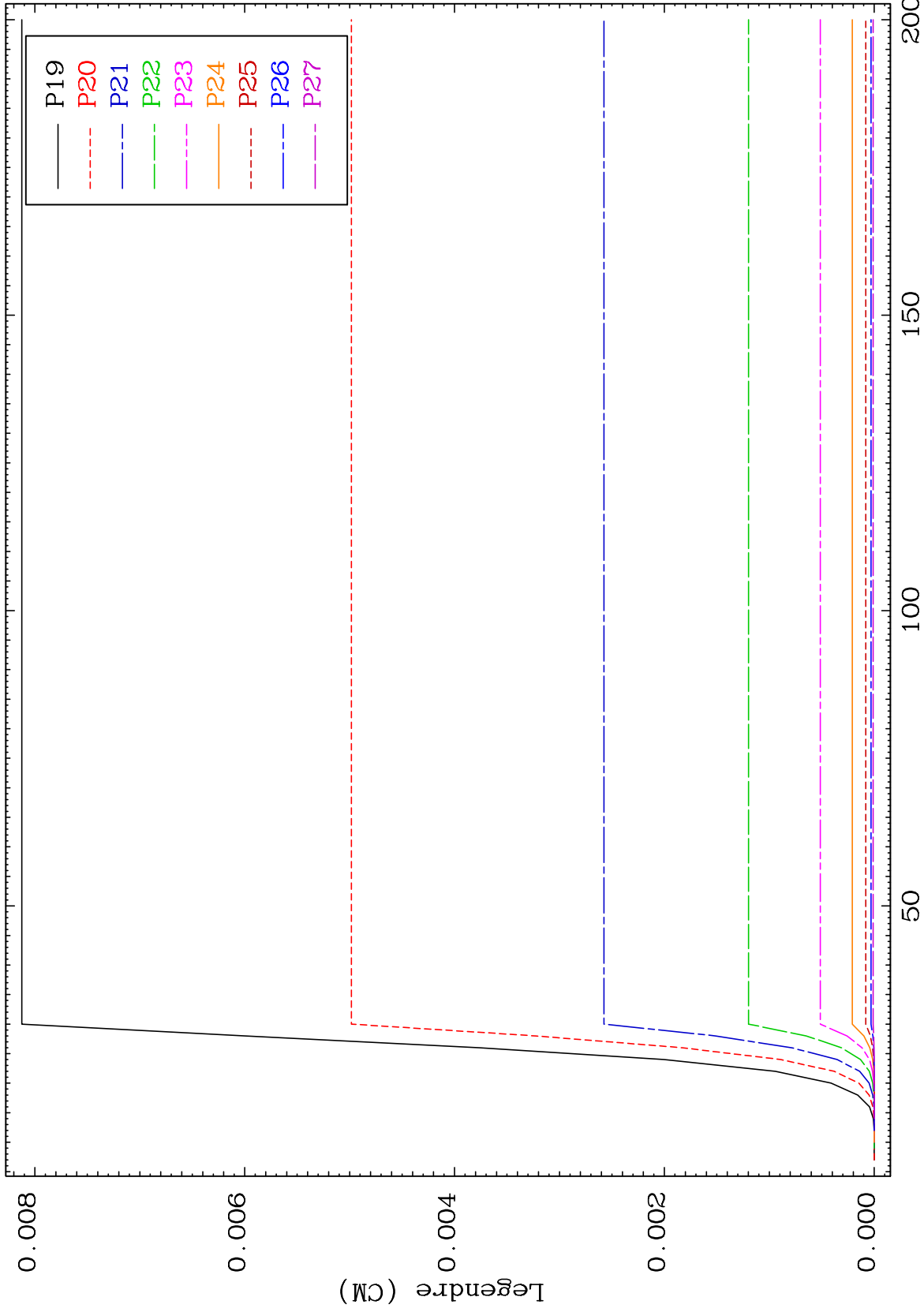
53-I -129



63

Incident Energy (MeV)

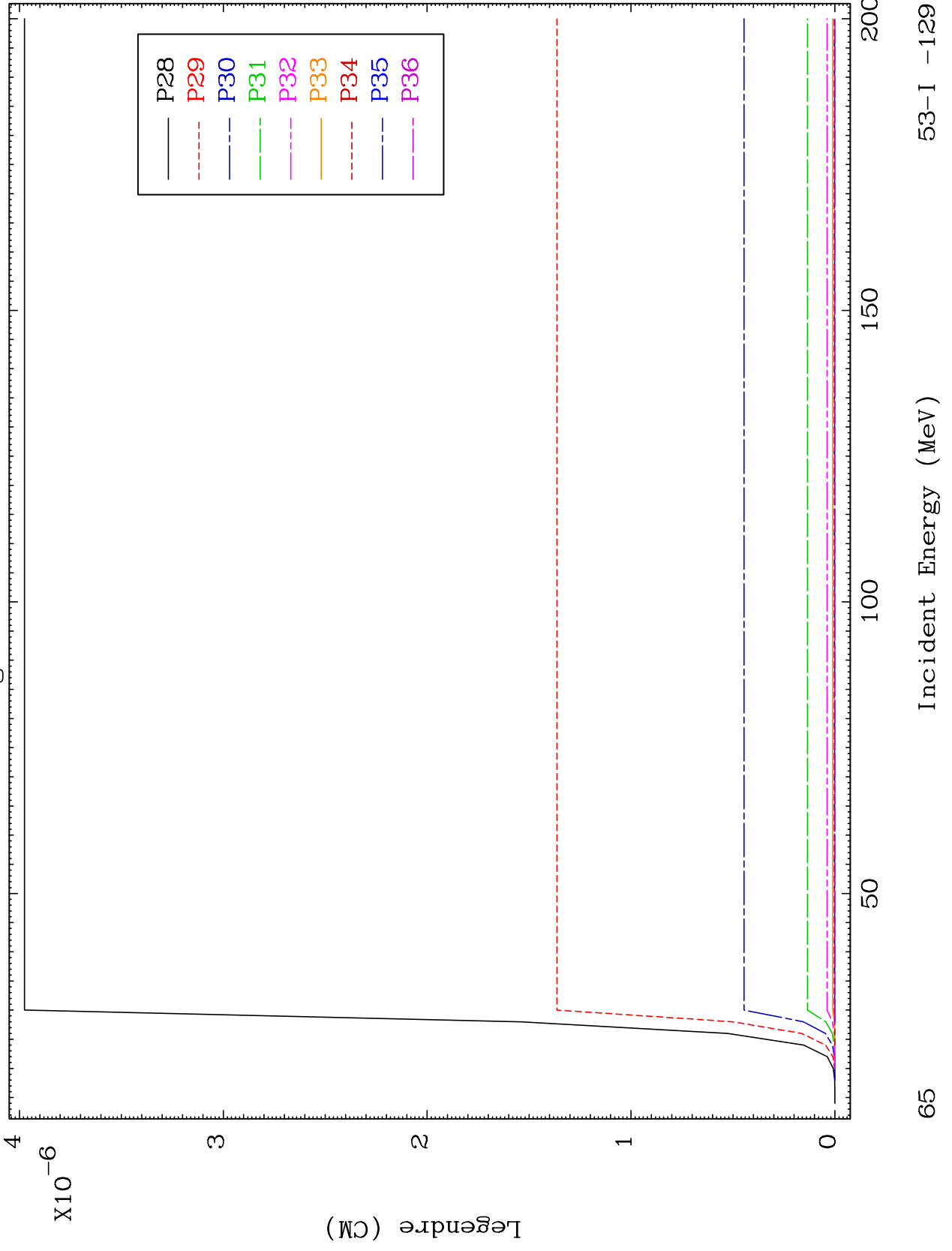
53-I -129

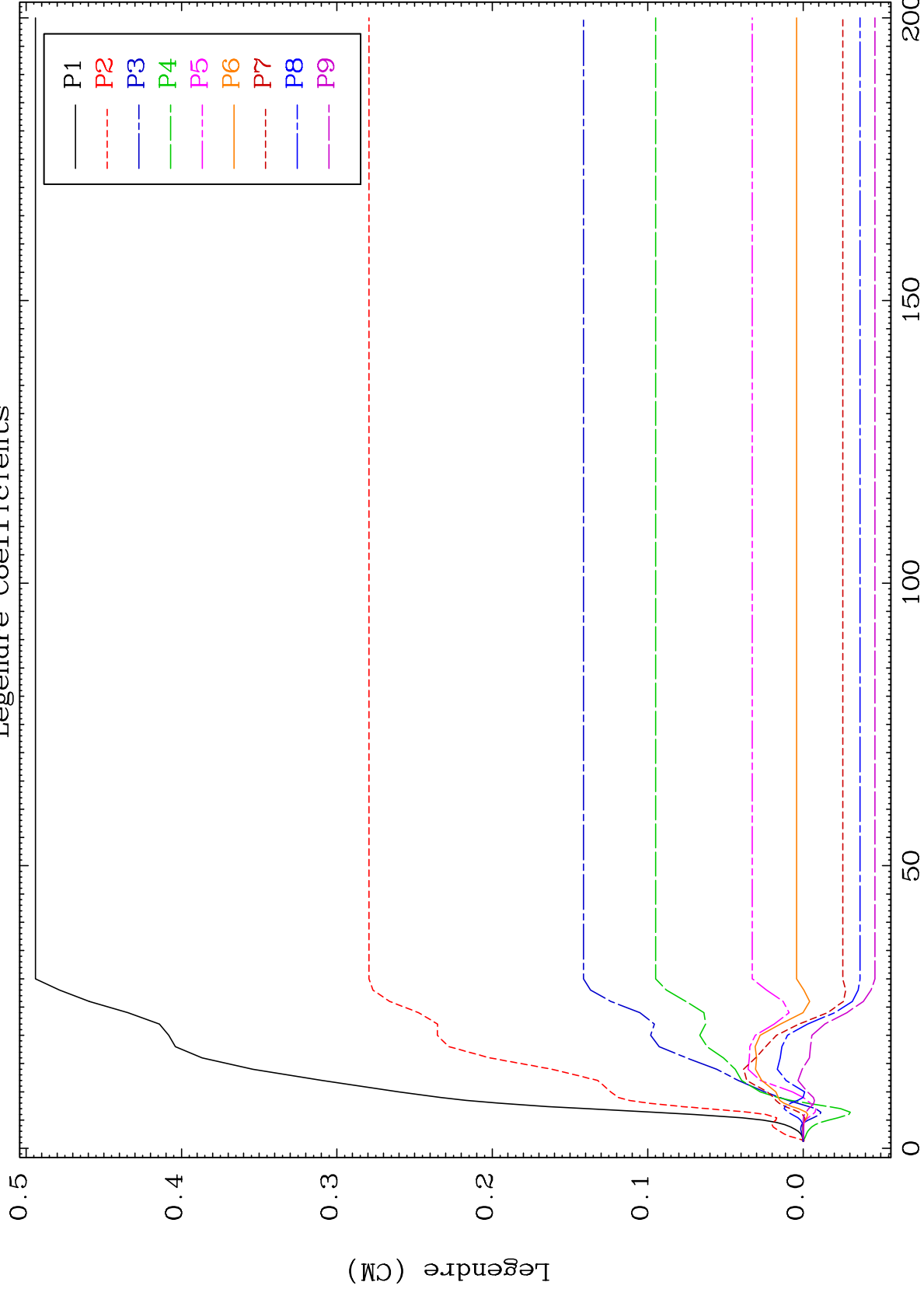


MAT 5331

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

53-I -129

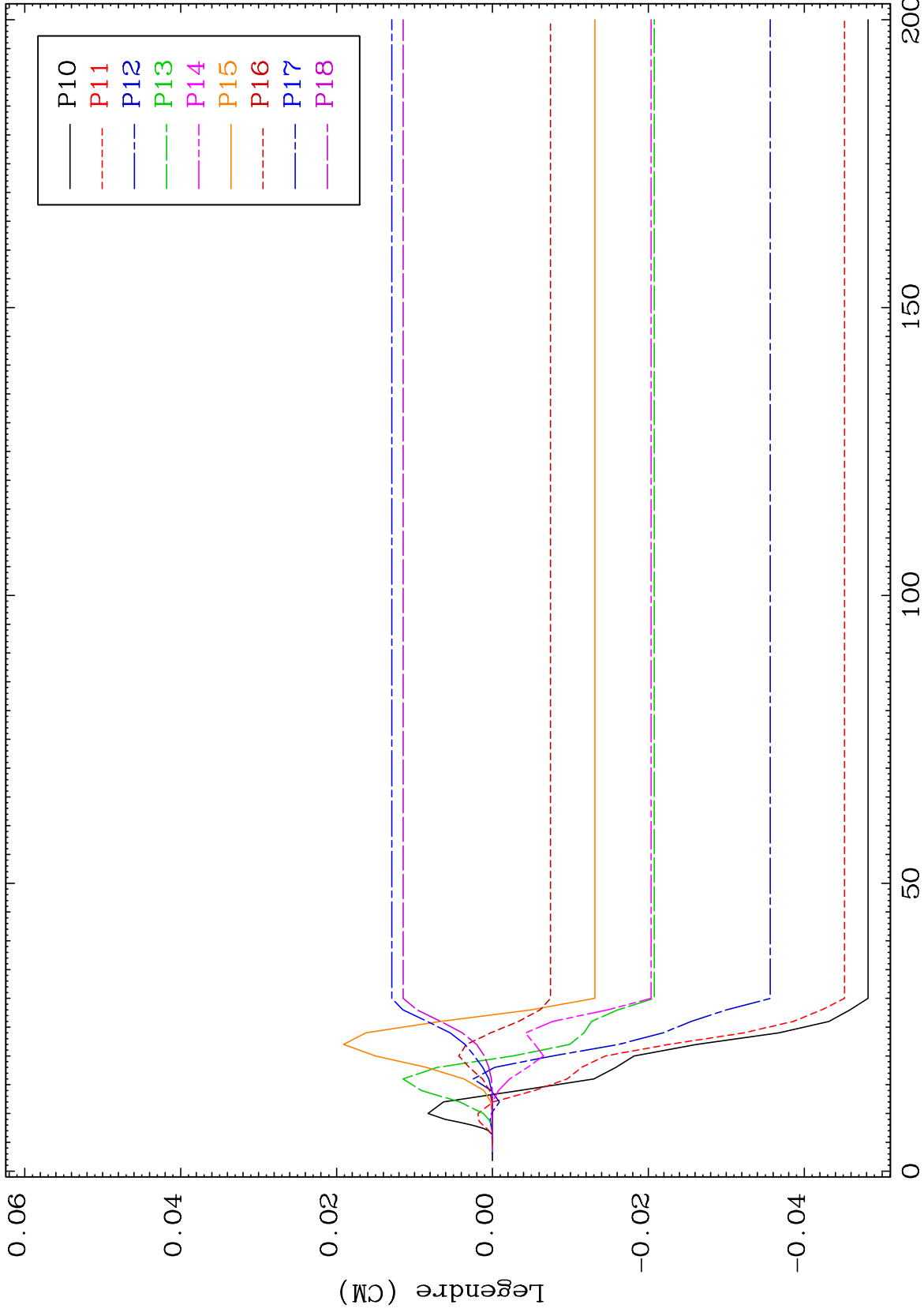




MAT 5331

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

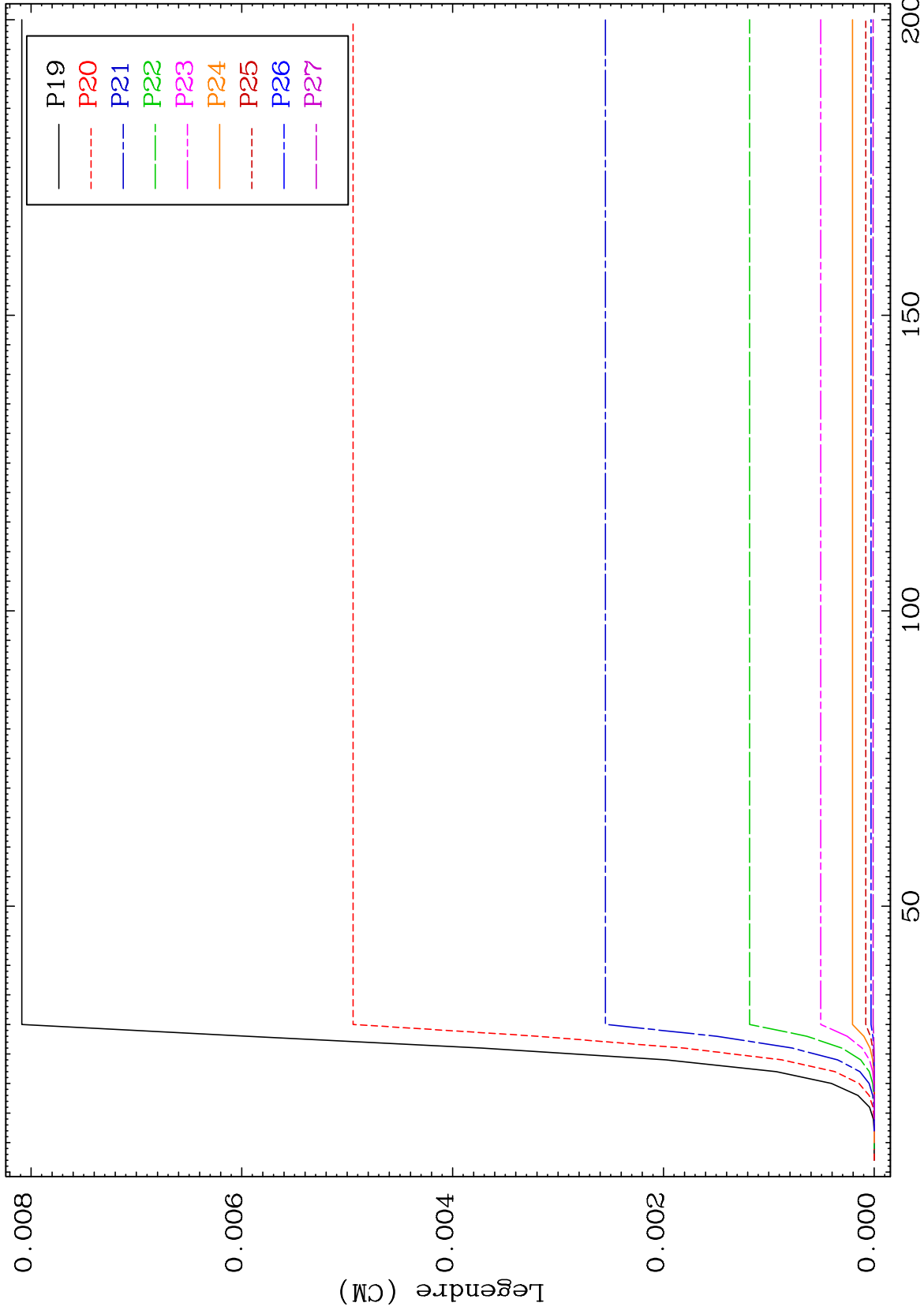
53-I -129



67

Incident Energy (MeV)

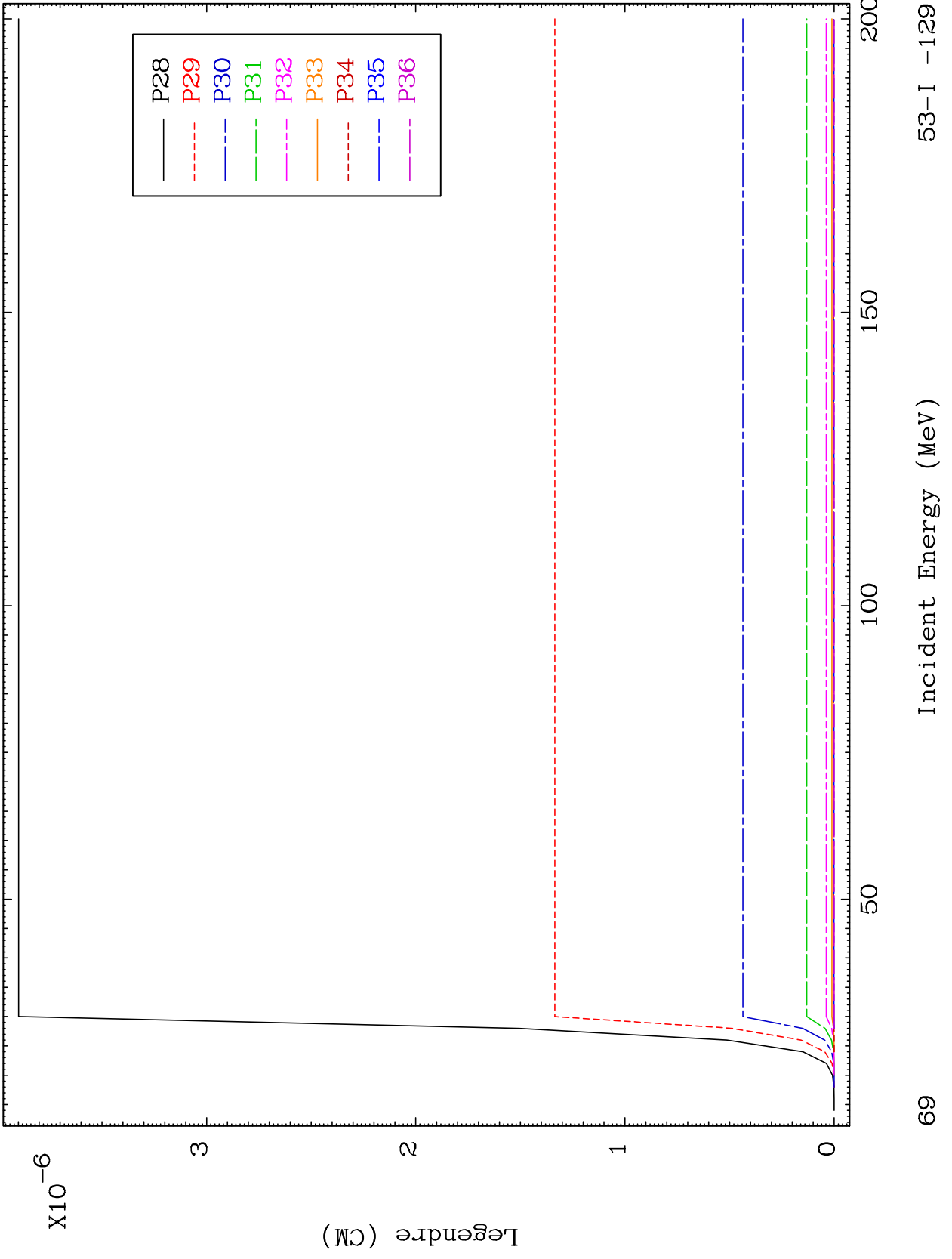
53-I -129



MAT 5331

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

53-I -129

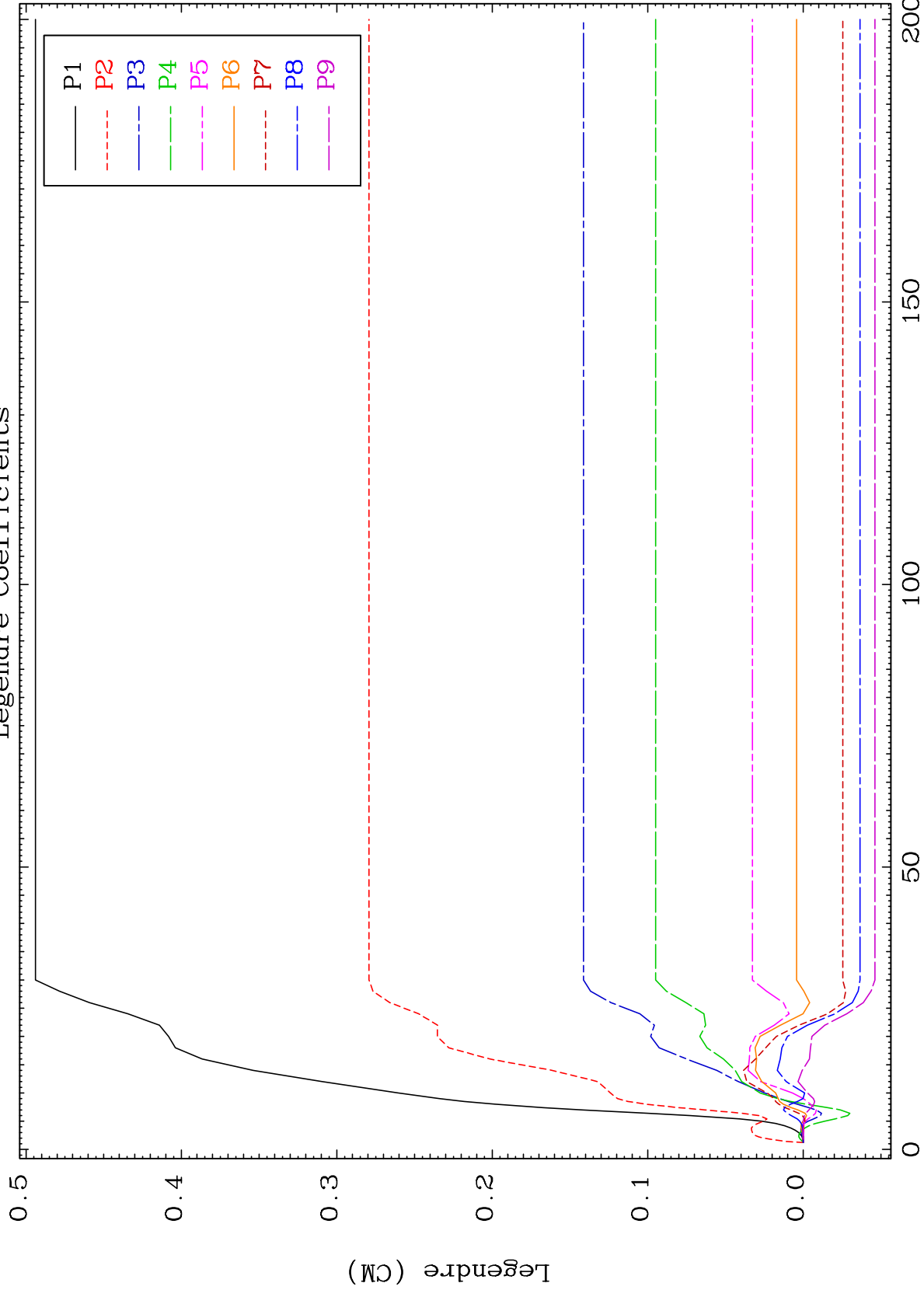


MAT 5331

MT= 64 (n,n') Level

53-I -129

Legendre Coefficients



70

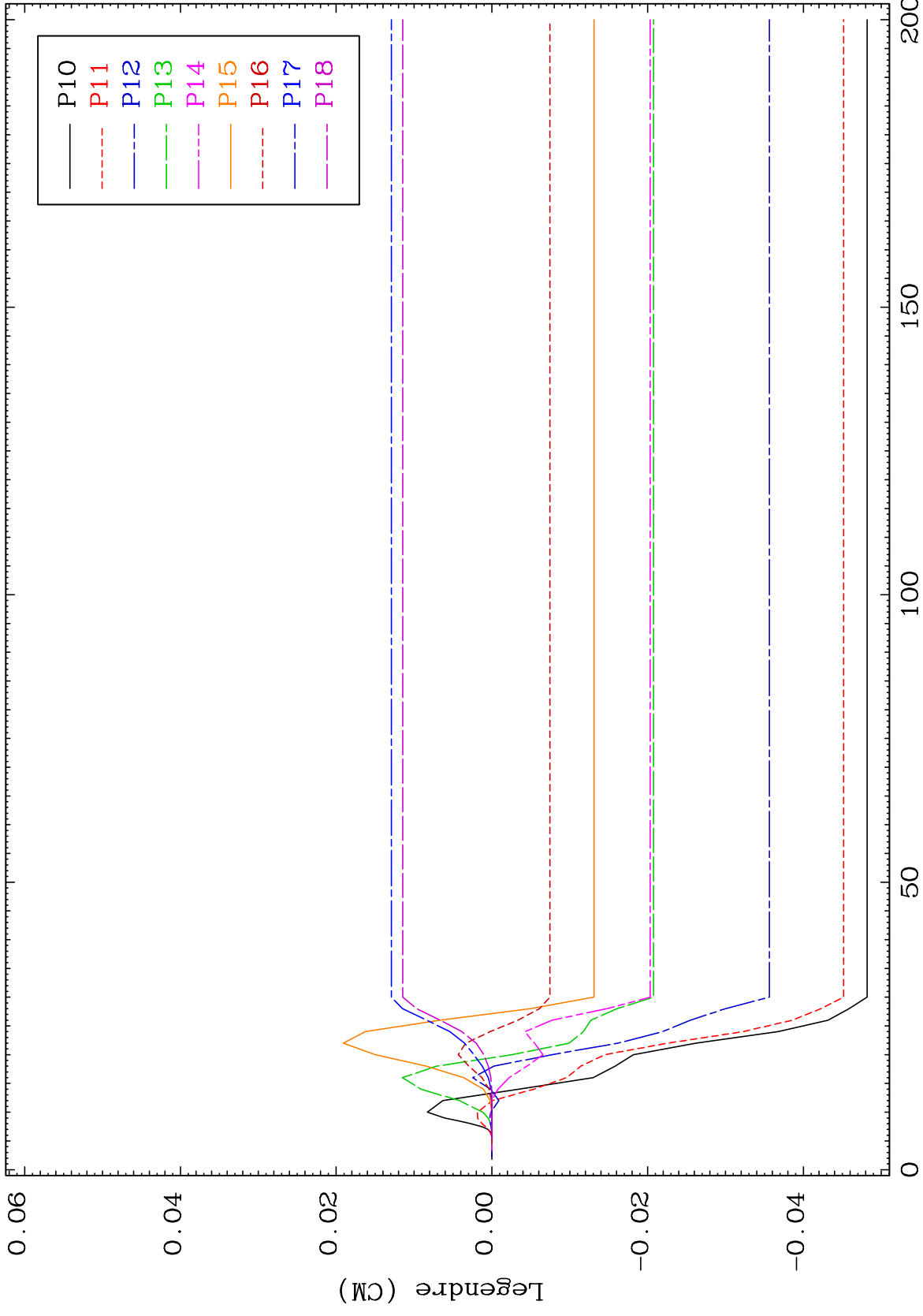
Incident Energy (MeV)

53-I -129

MAT 5331

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

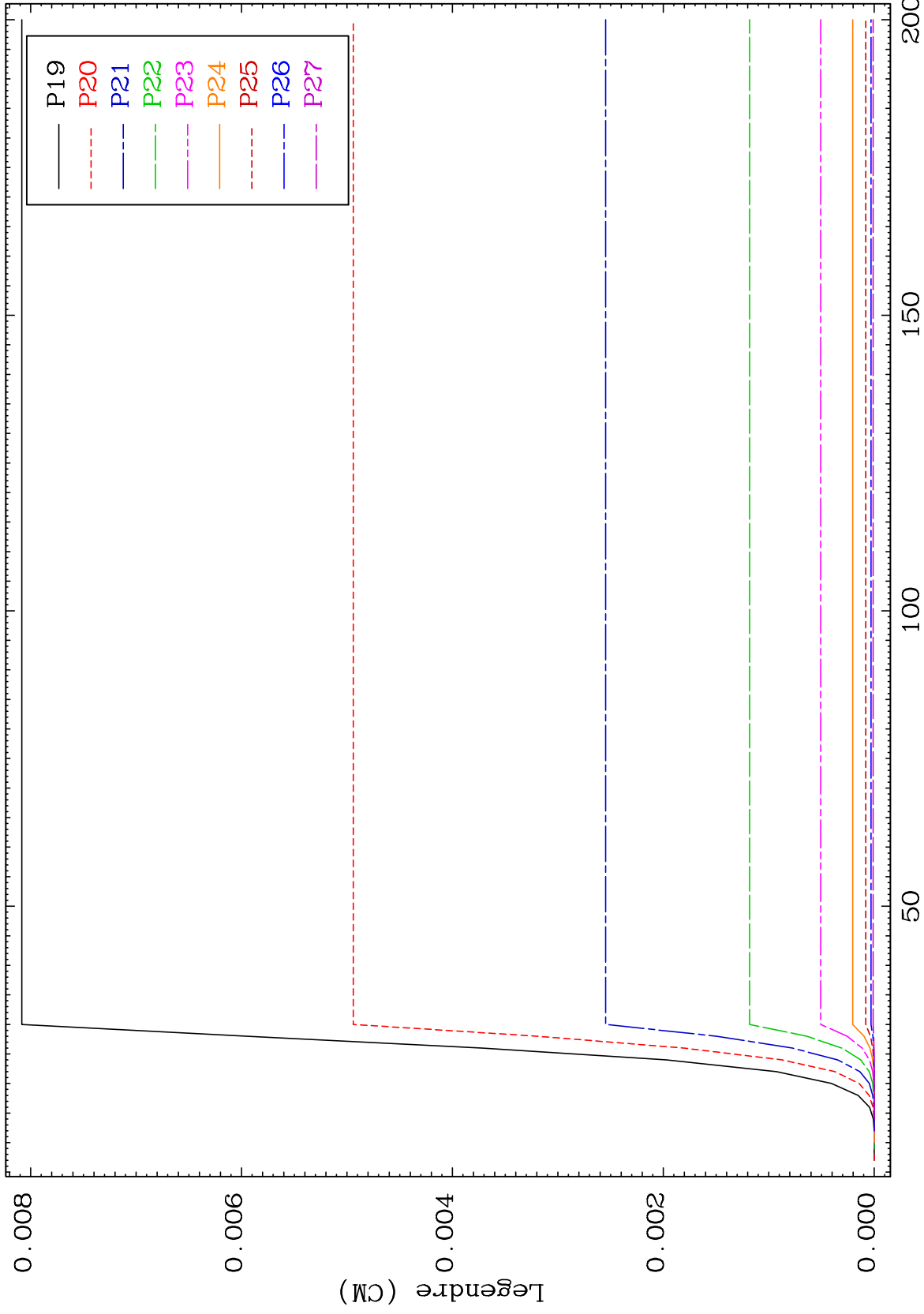
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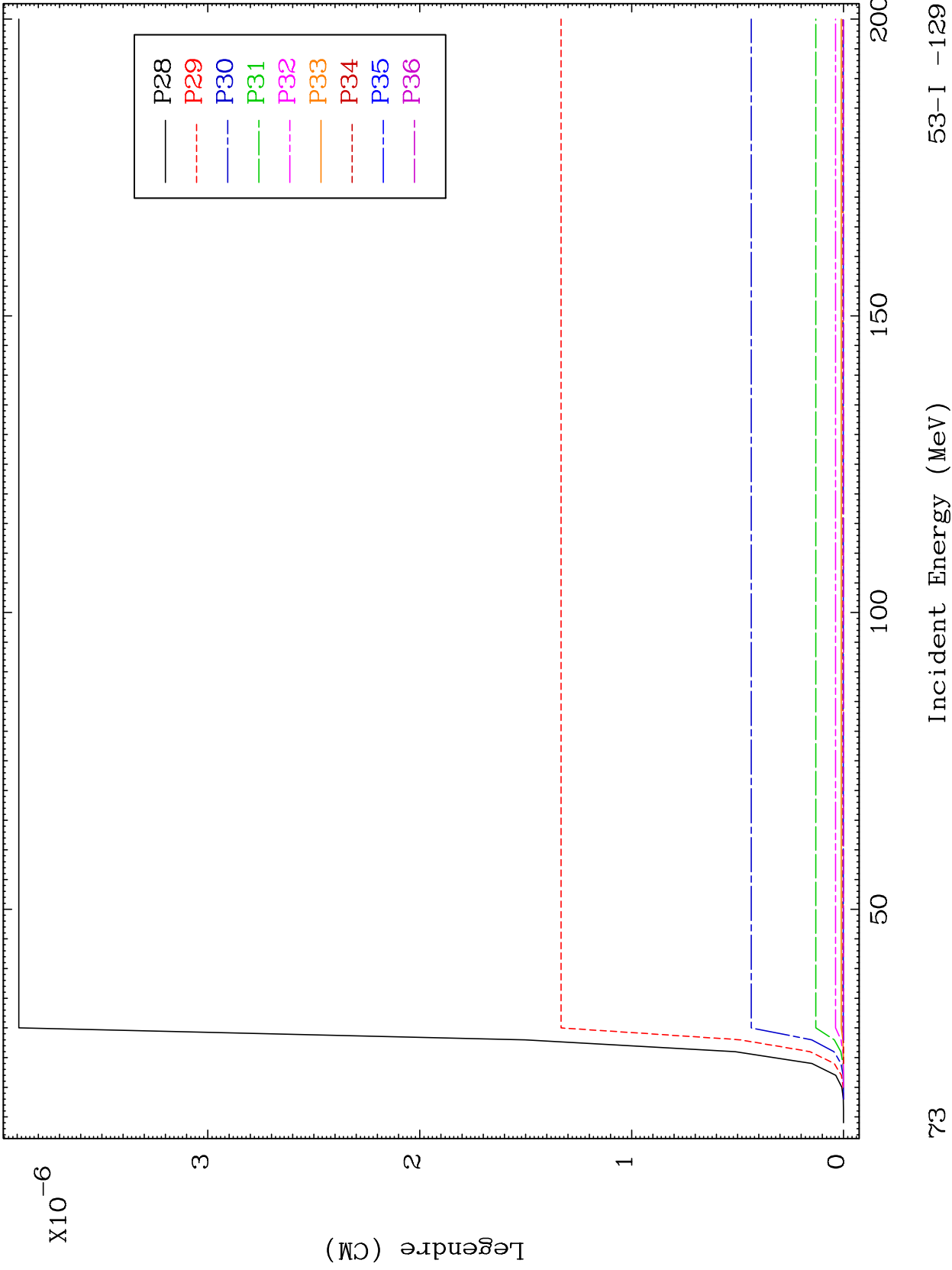


71

Incident Energy (MeV)

53-I -129

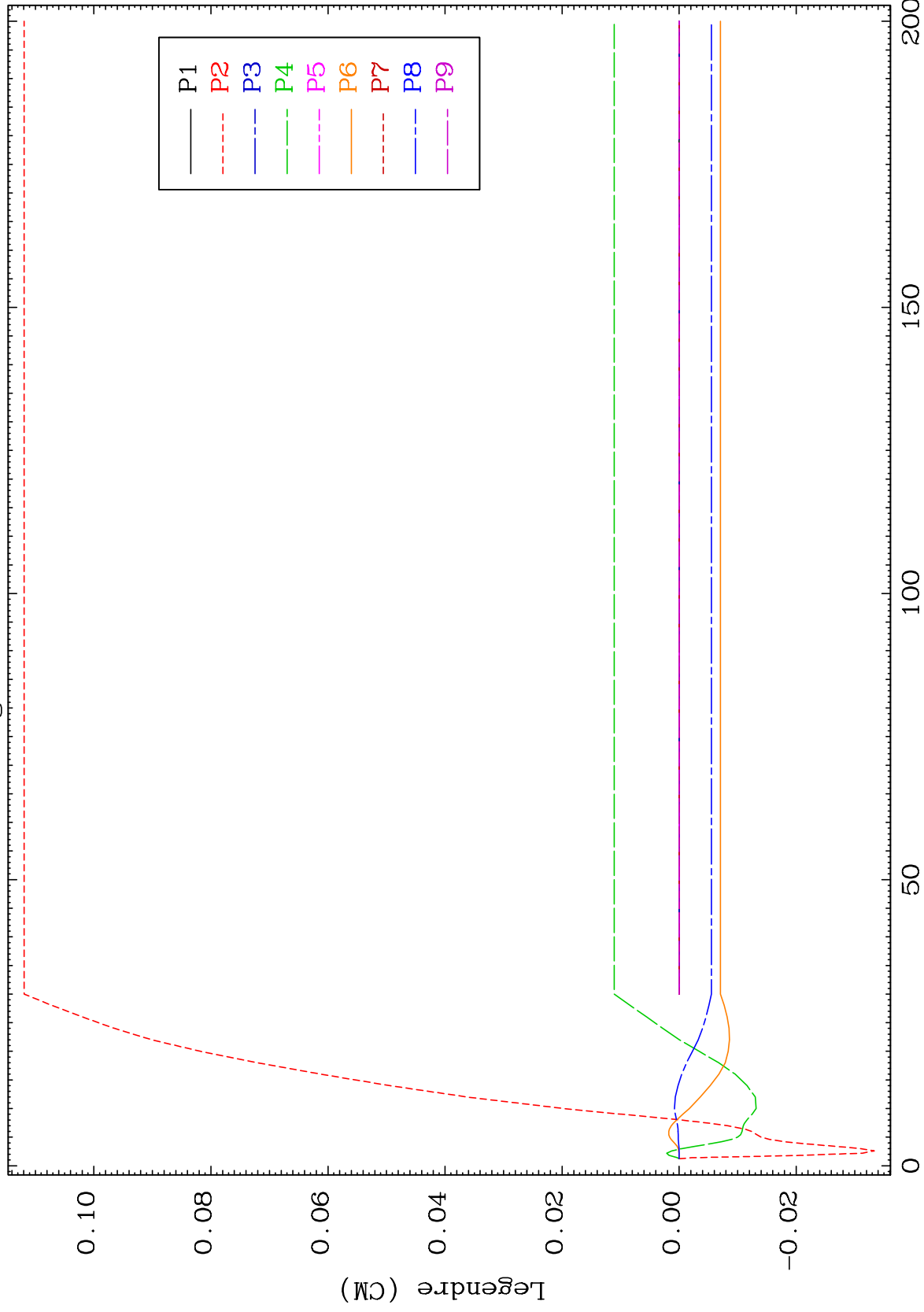




MAT 5331

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

53-I -129



74

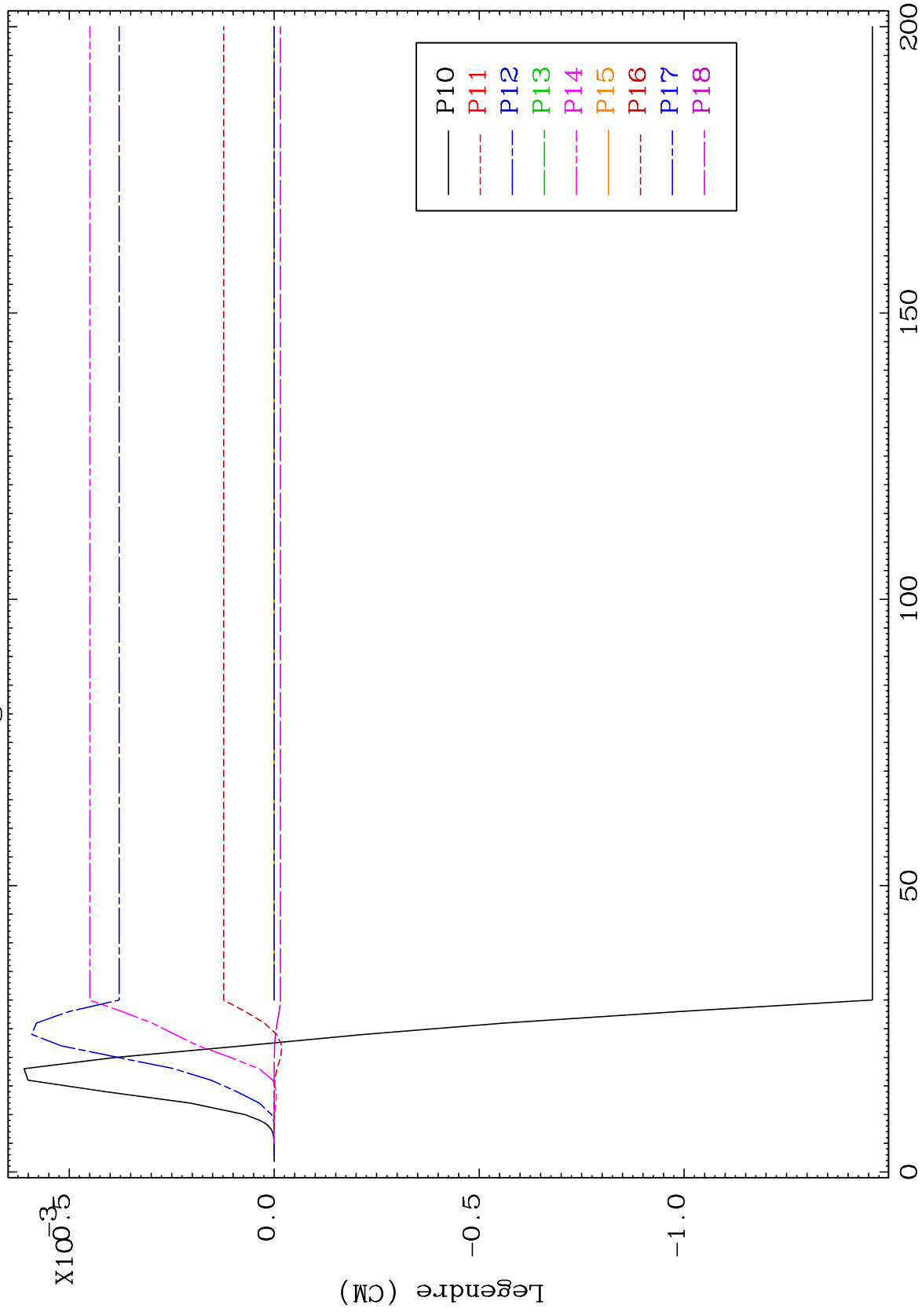
Incident Energy (MeV)

53-I -129

MAT 5331

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

53-I -129



75

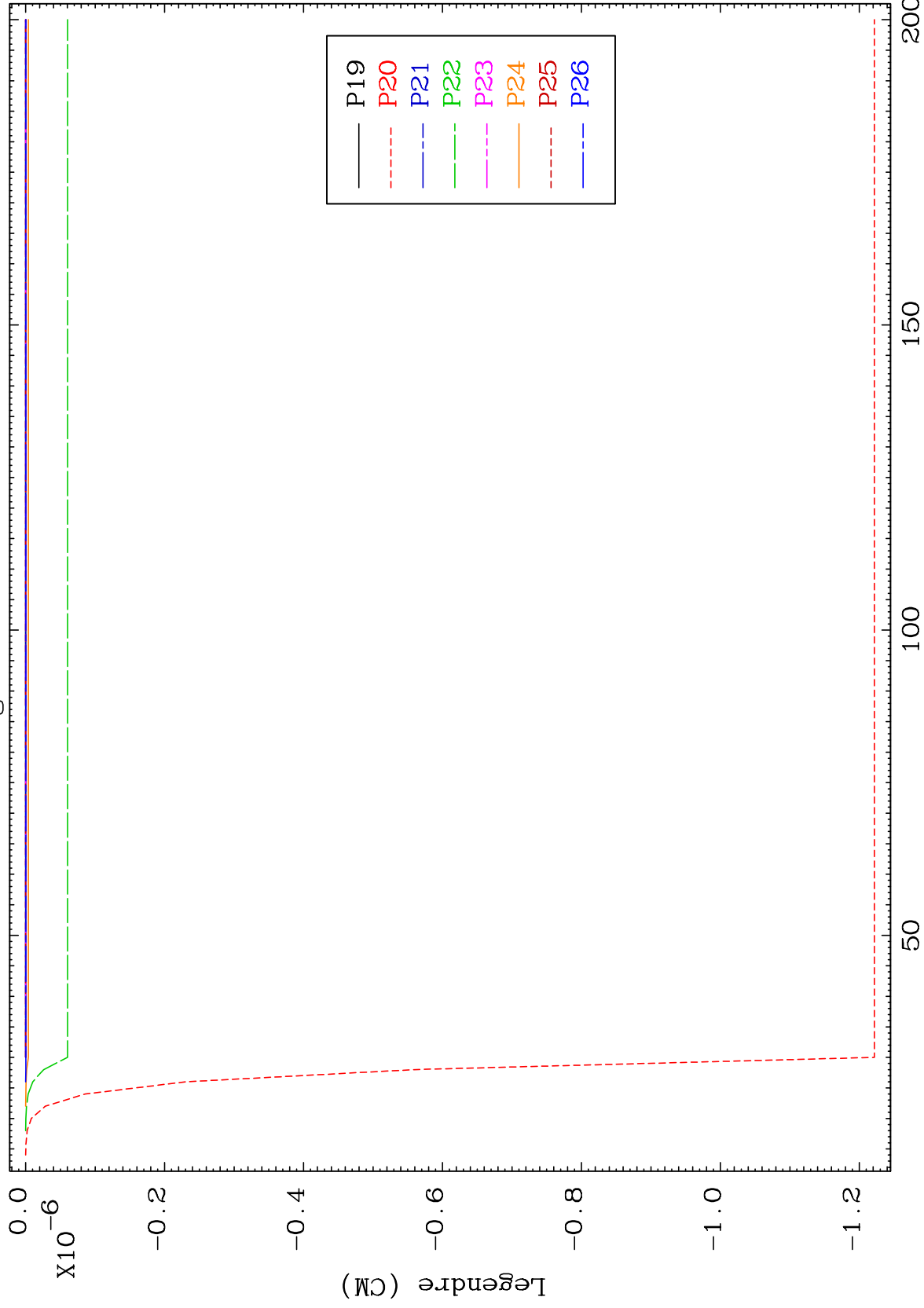
Incident Energy (MeV)

53-I -129

MAT 5331

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

53-I -129



76

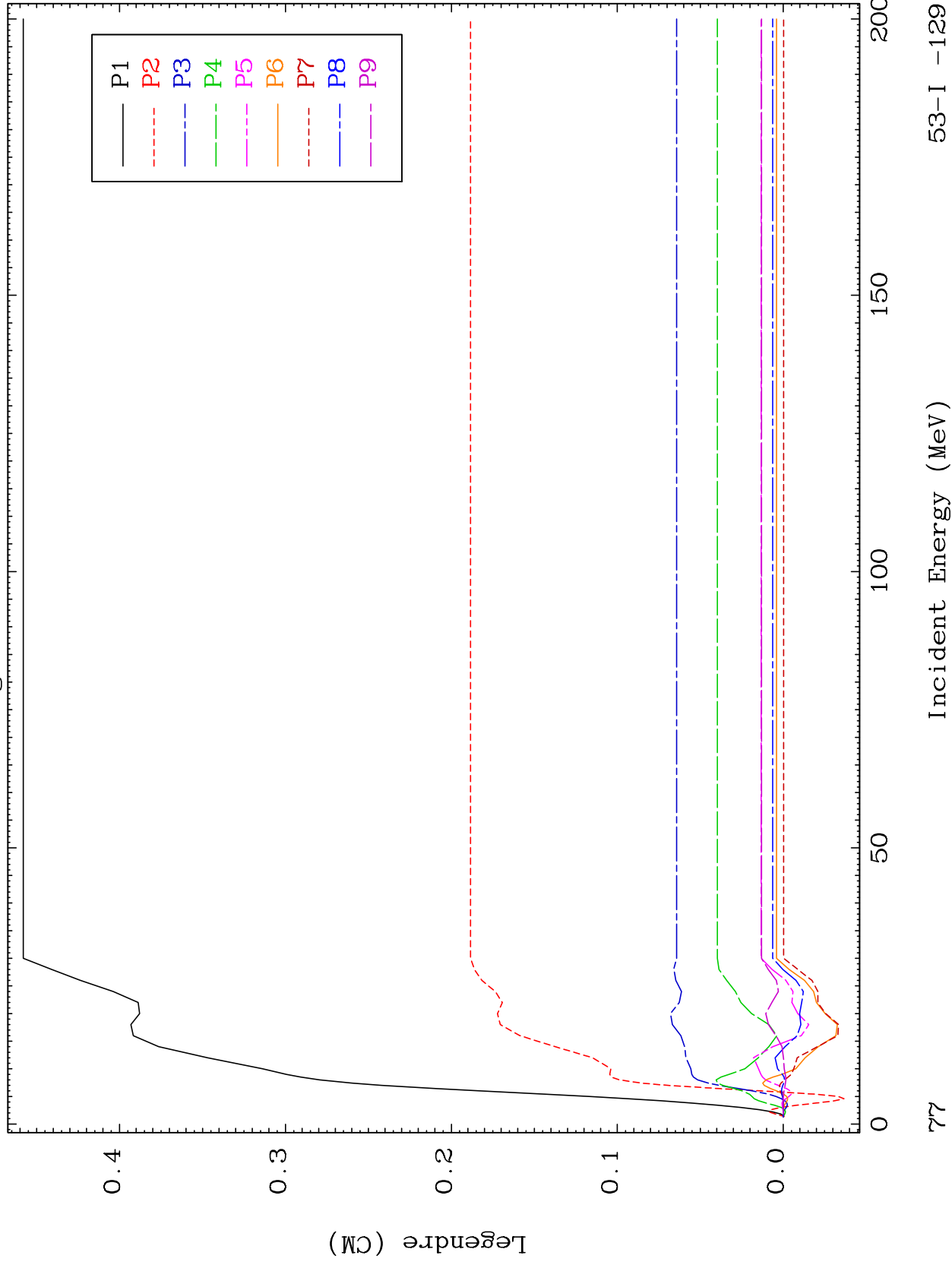
Incident Energy (MeV)

53-I -129

MAT 5331

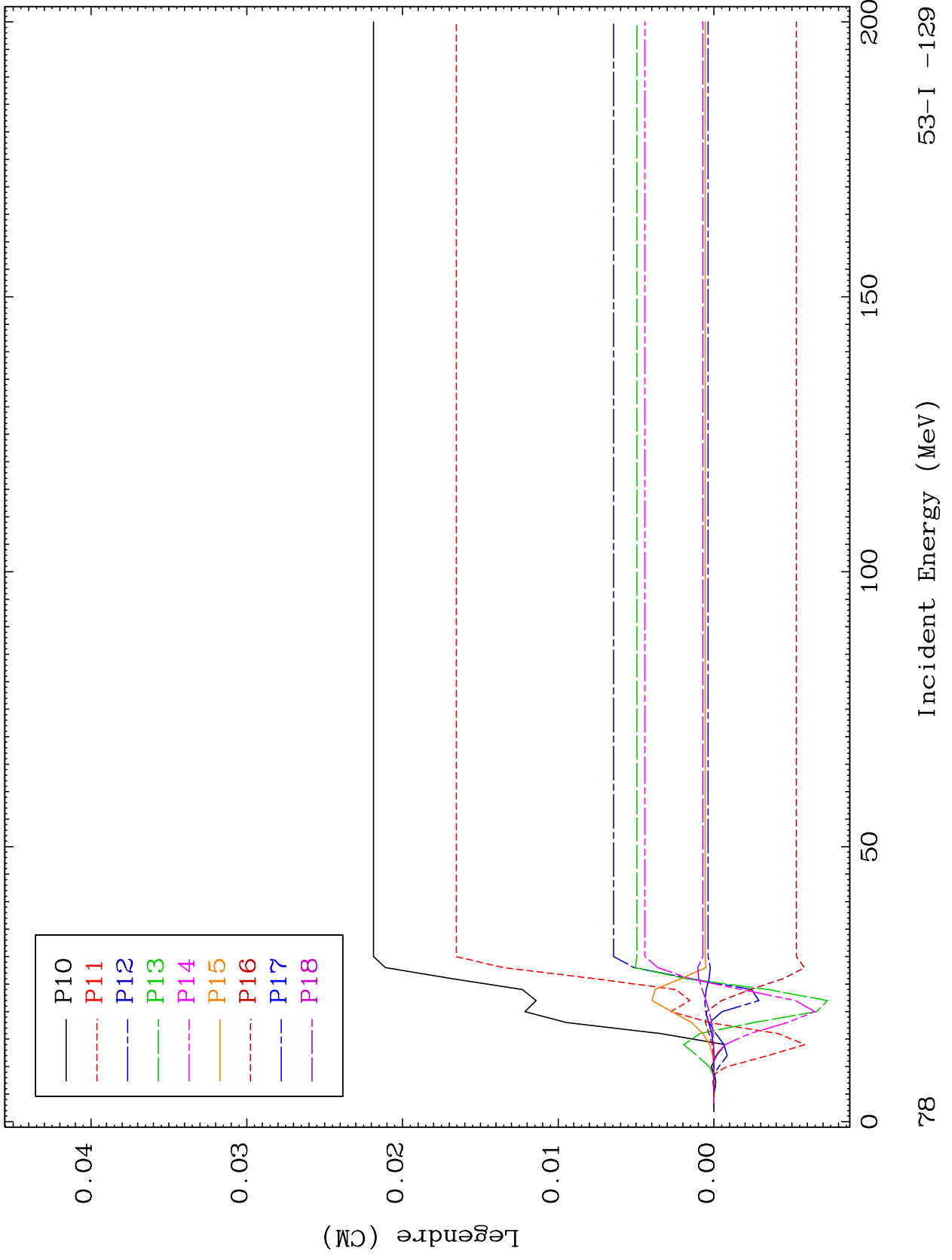
MT= 66 (n,n') Level  
Legendre Coefficients

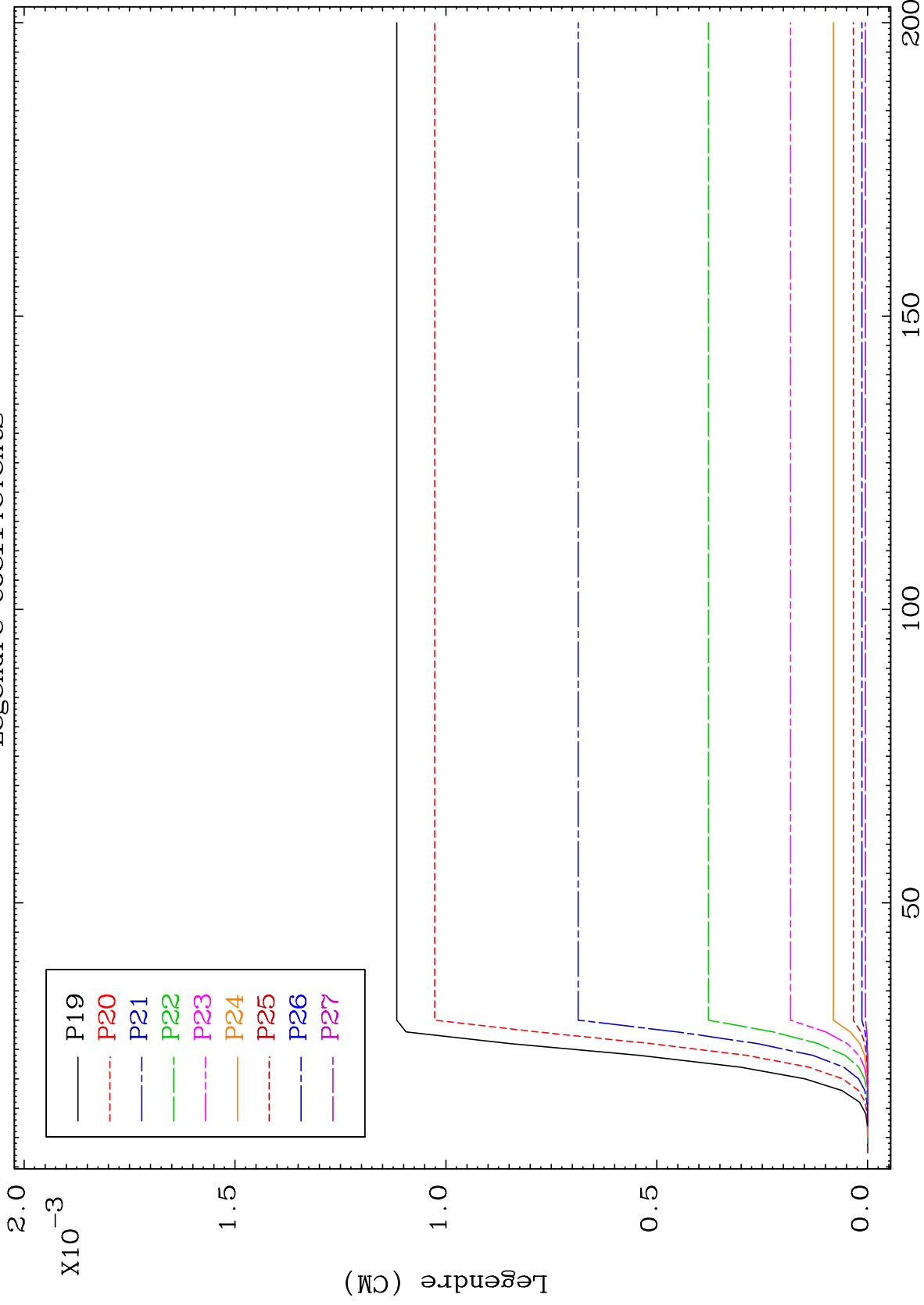
53-I -129



77

53-I -129

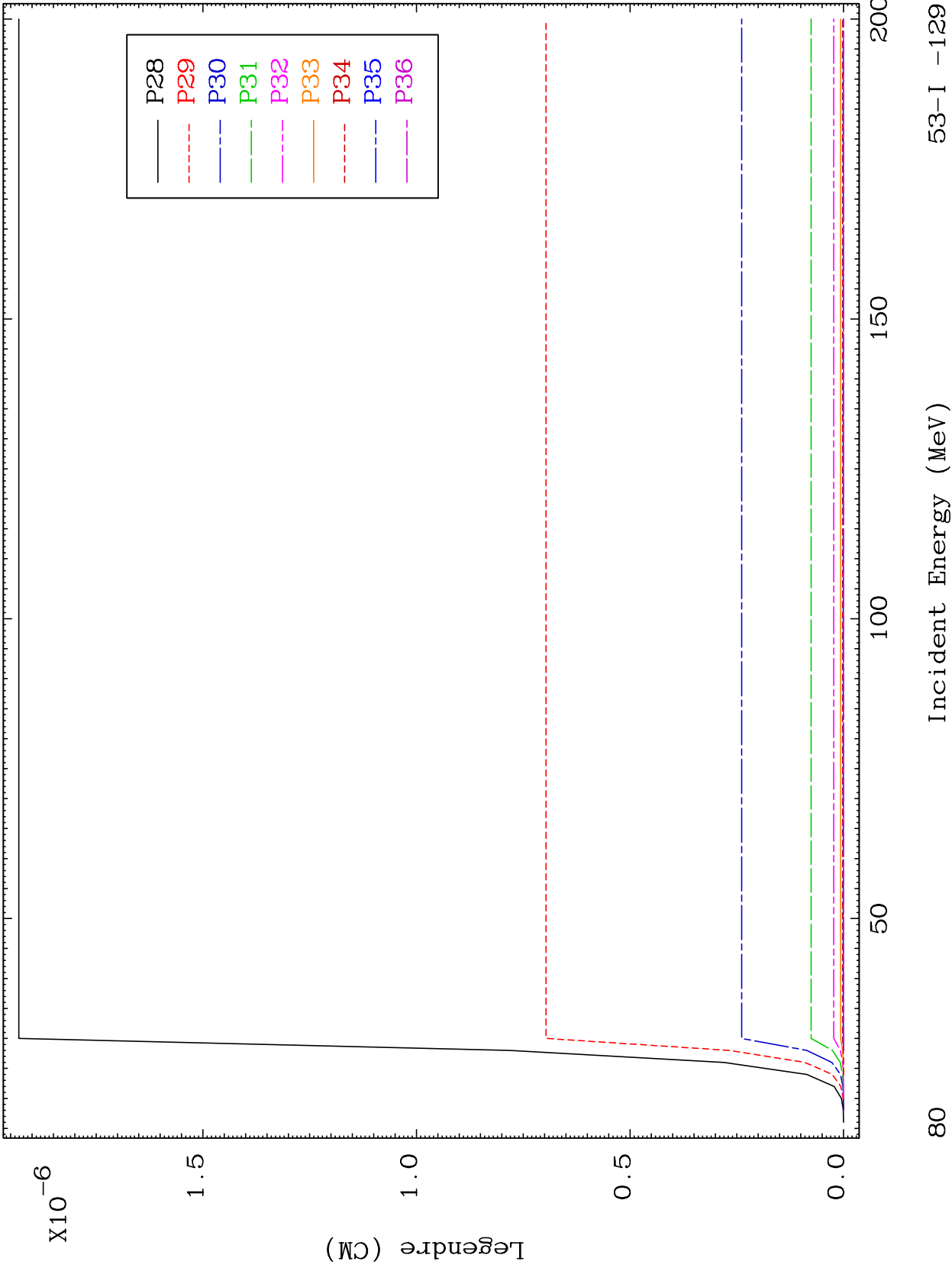




MAT 5331

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

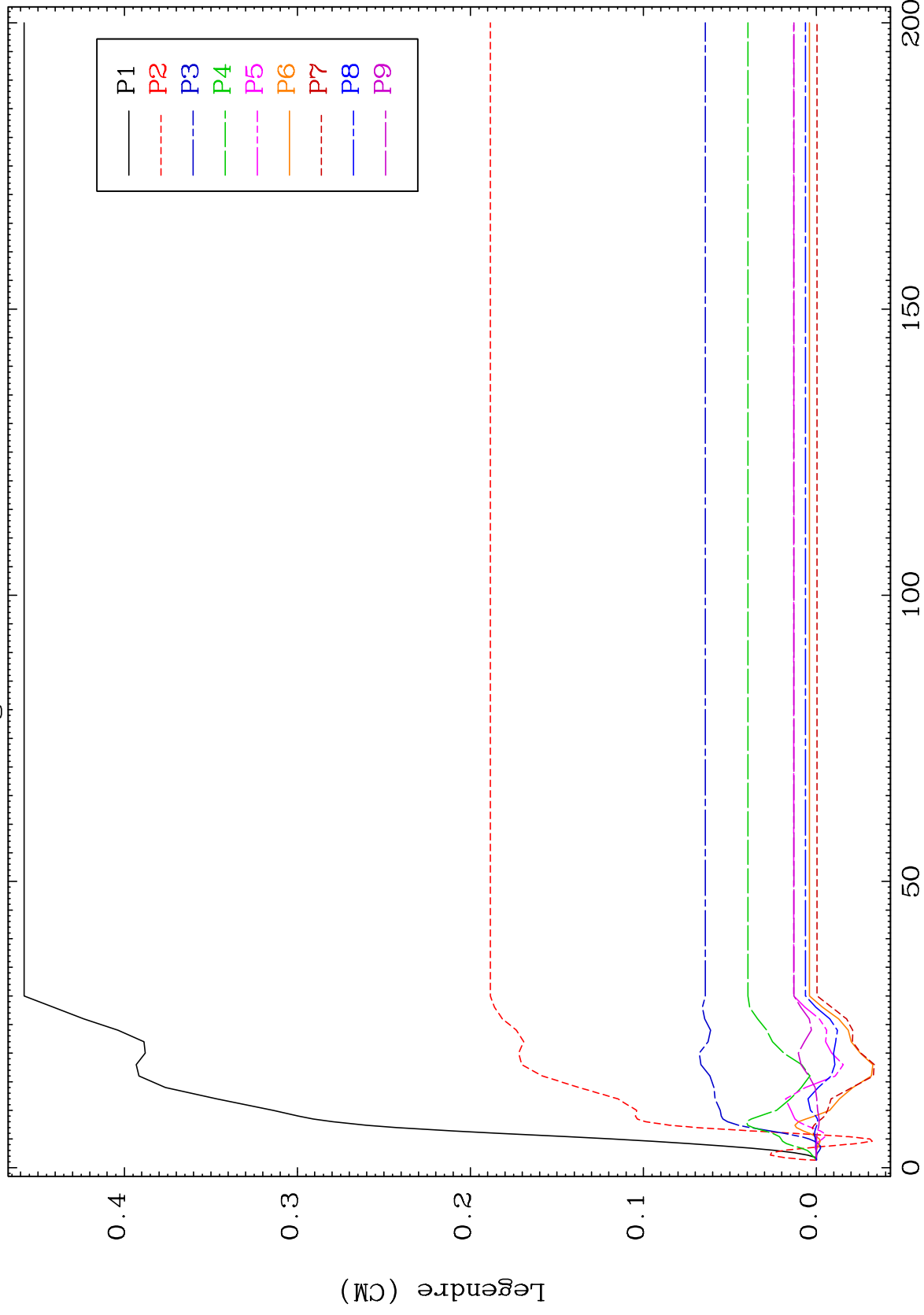
53-I -129

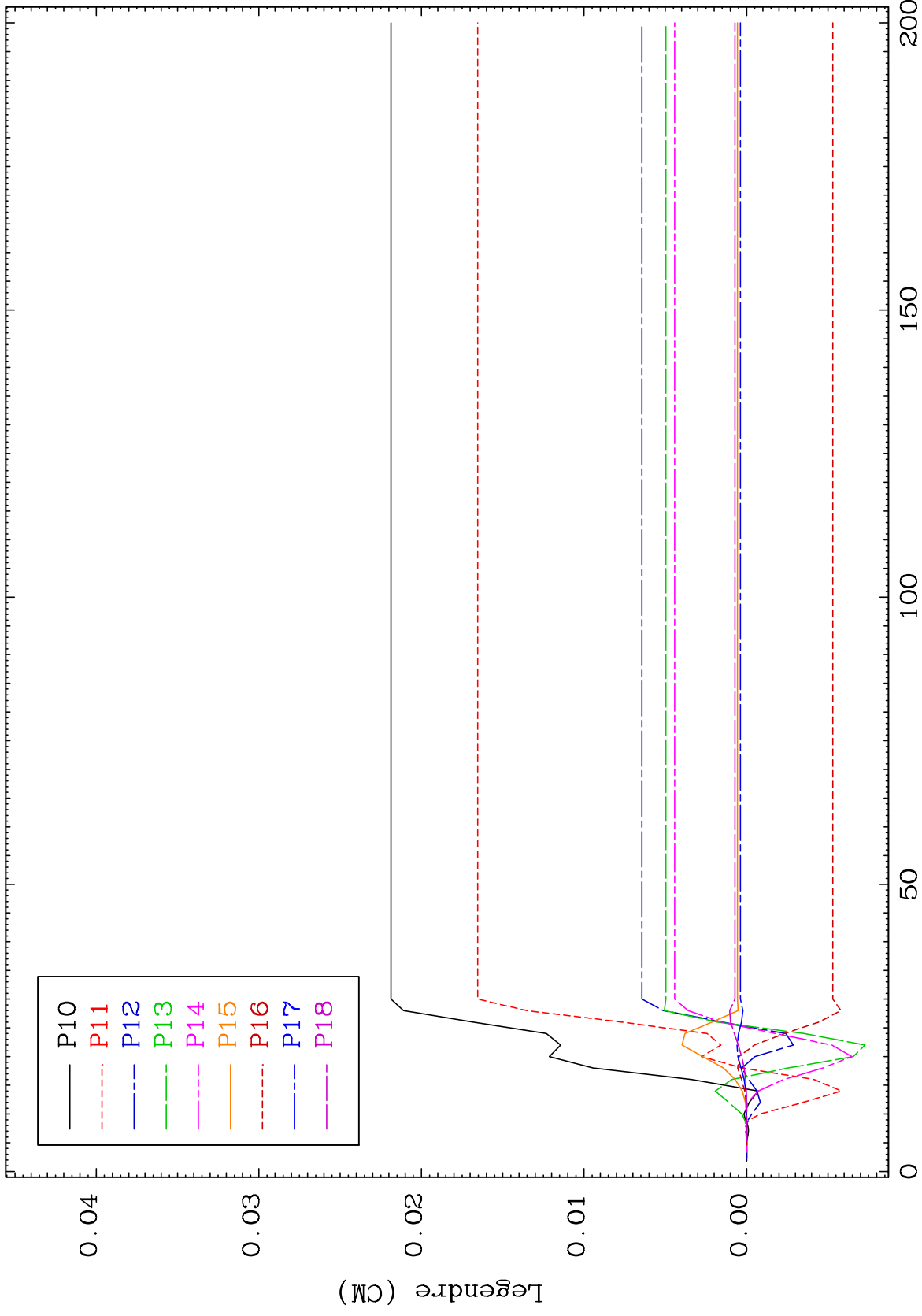


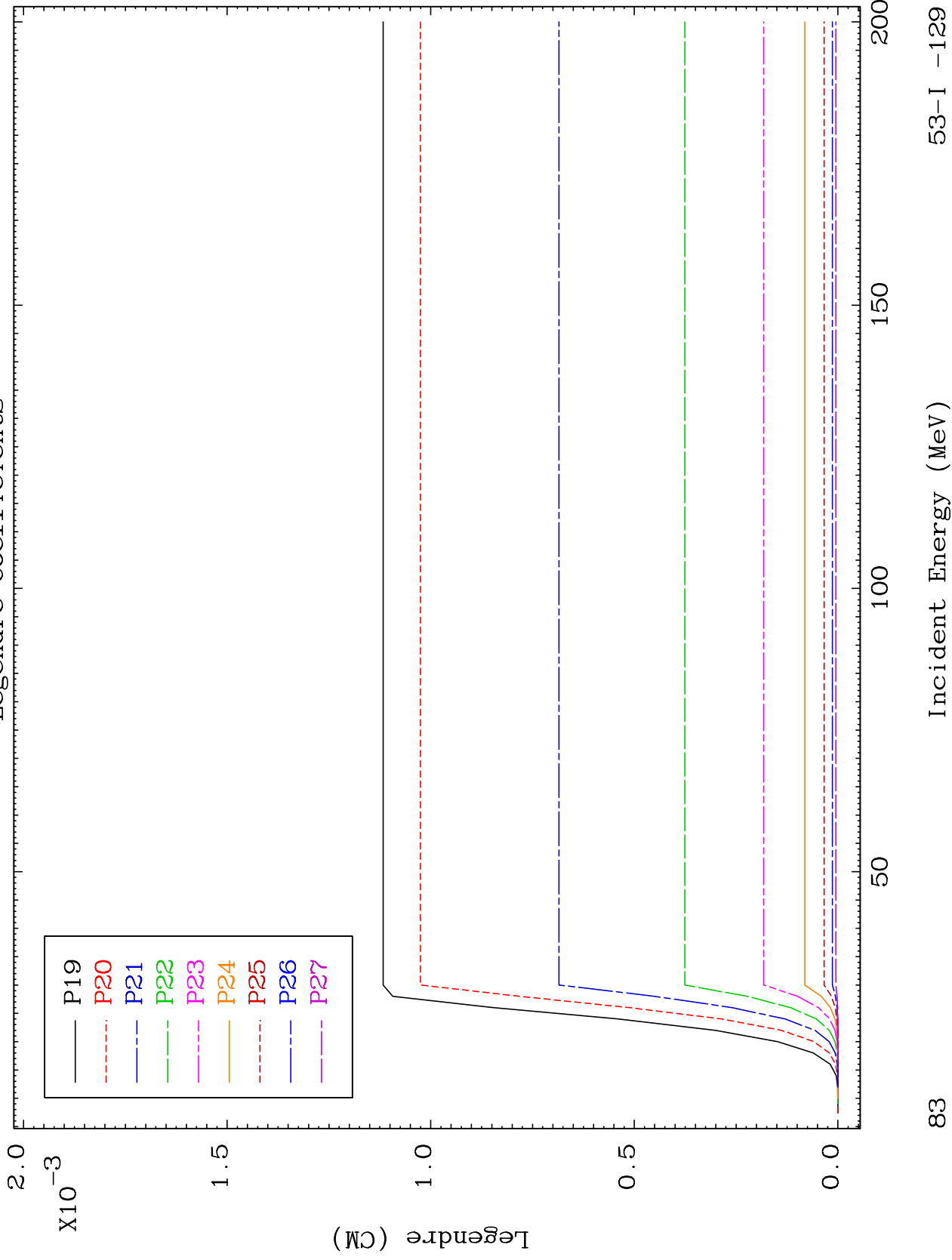
53-I -129

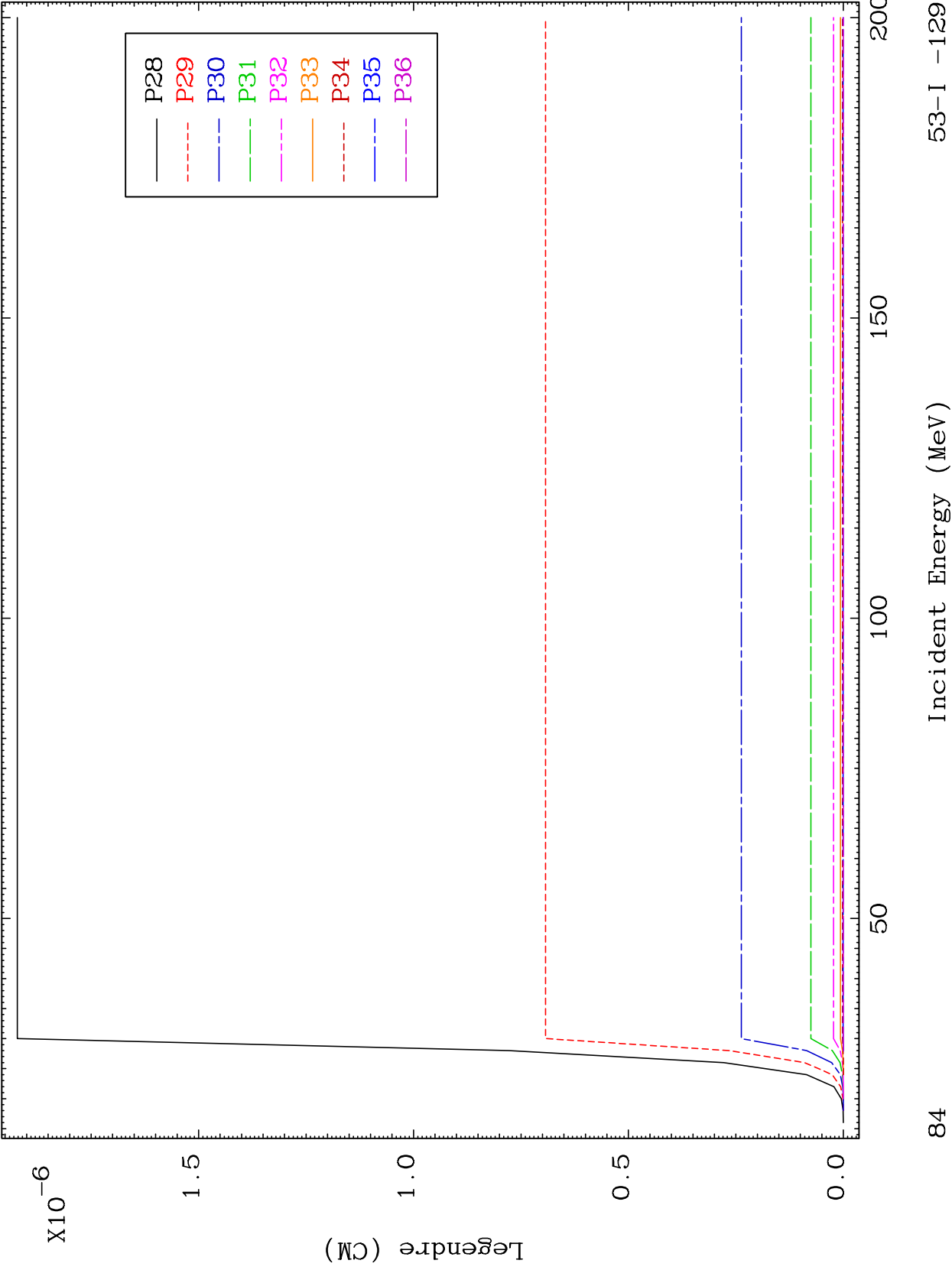
Incident Energy (MeV)

80

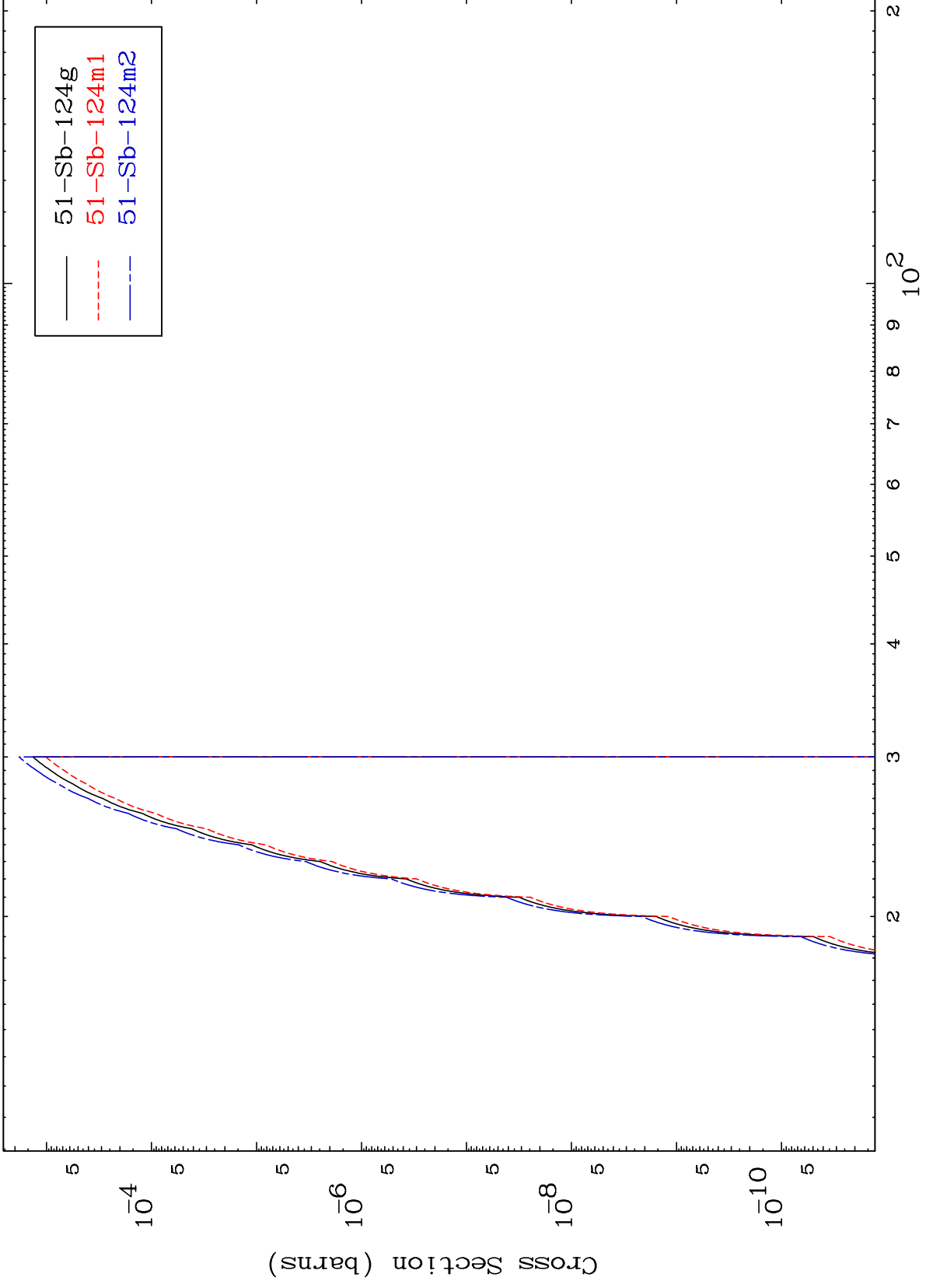


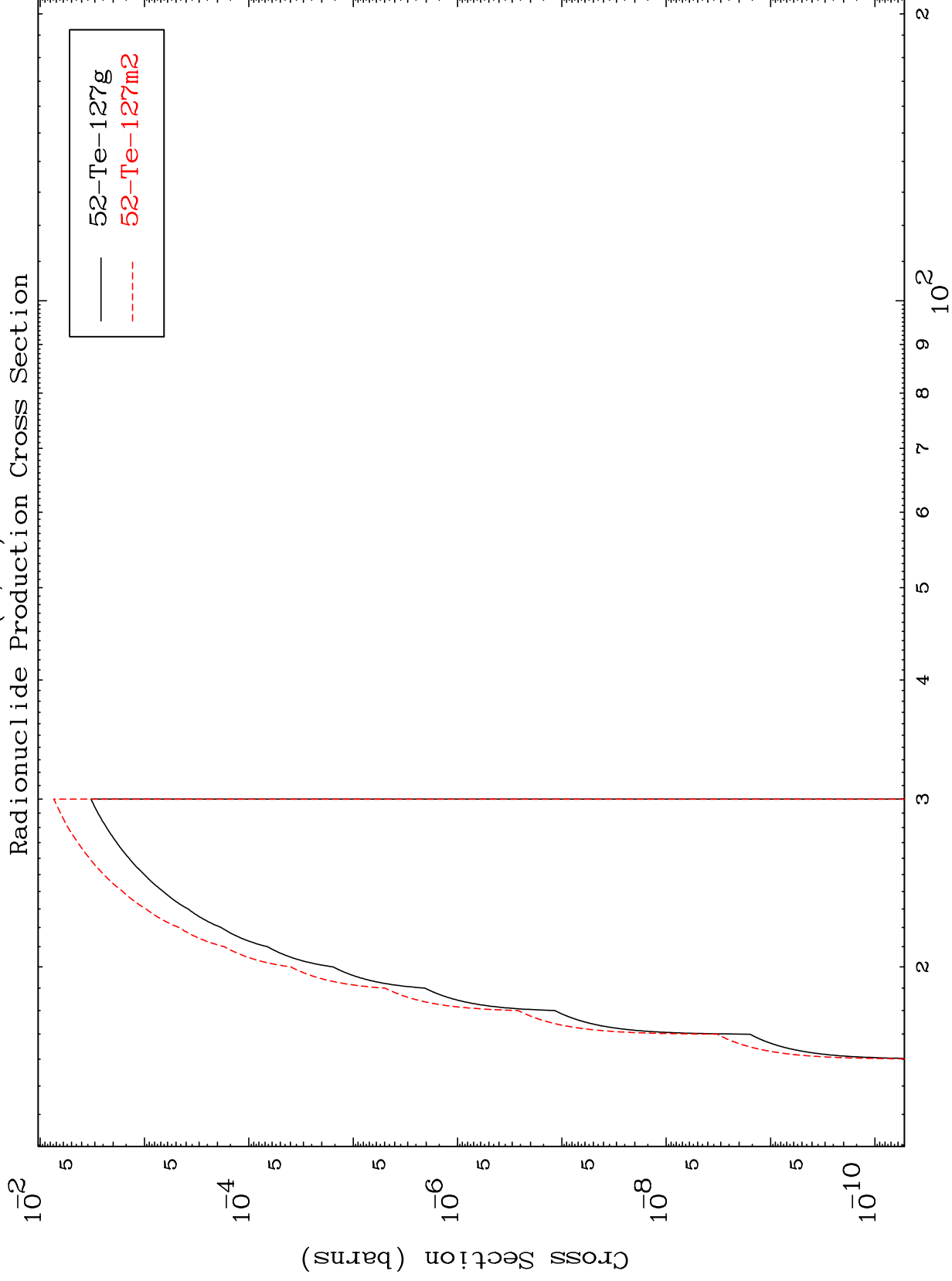




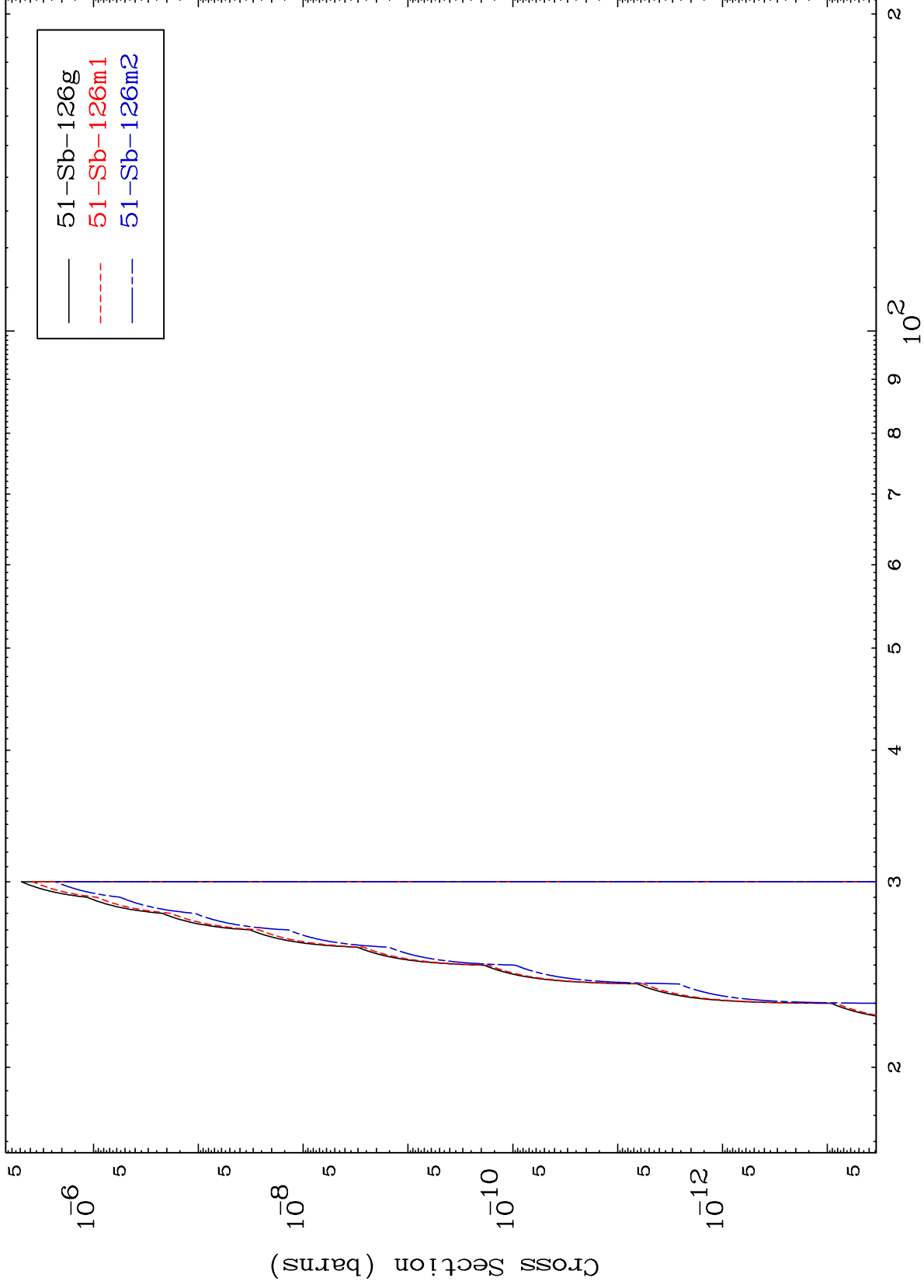


Radionuclide Production Cross Section

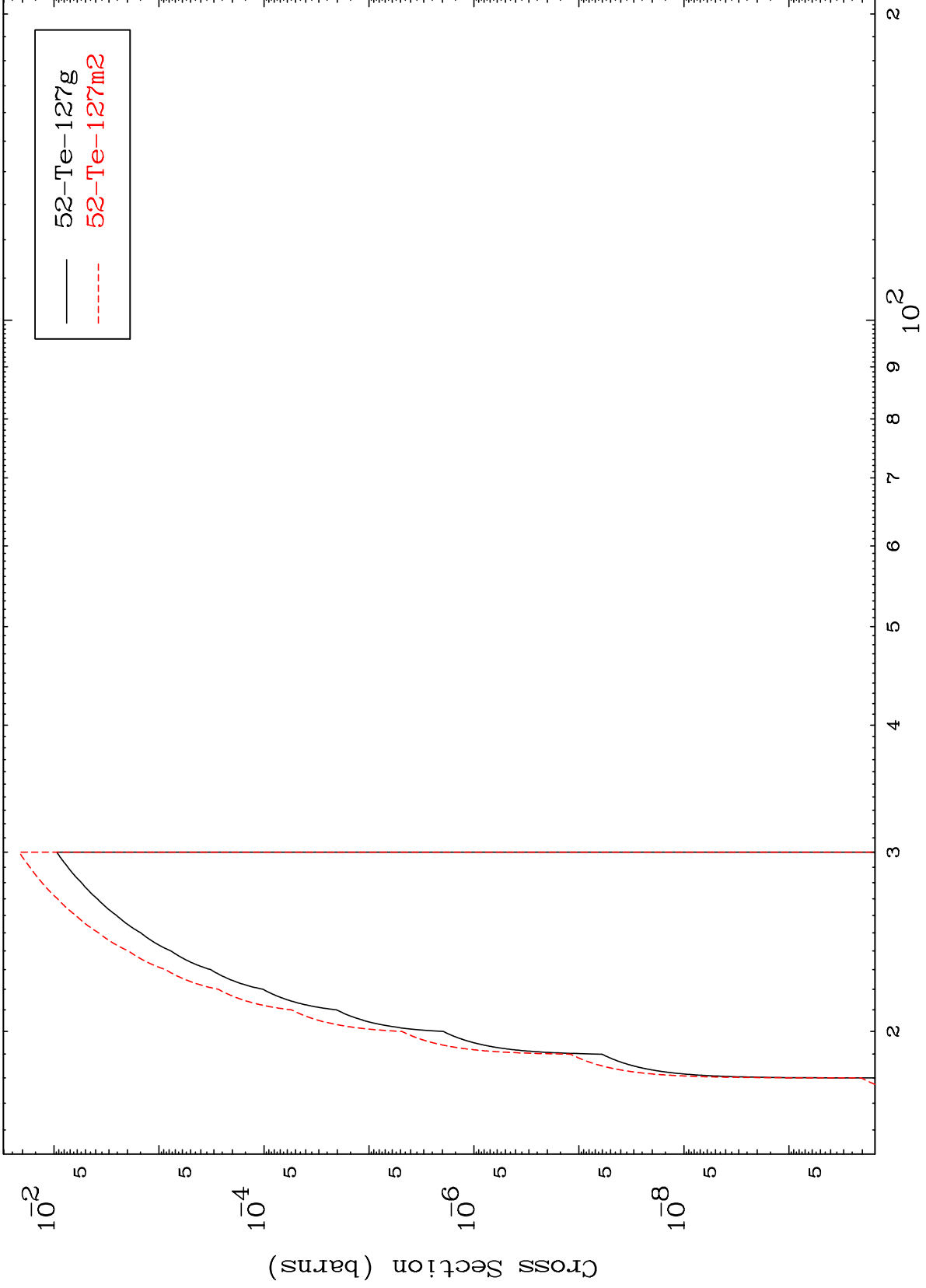




Radionuclide Production Cross Section



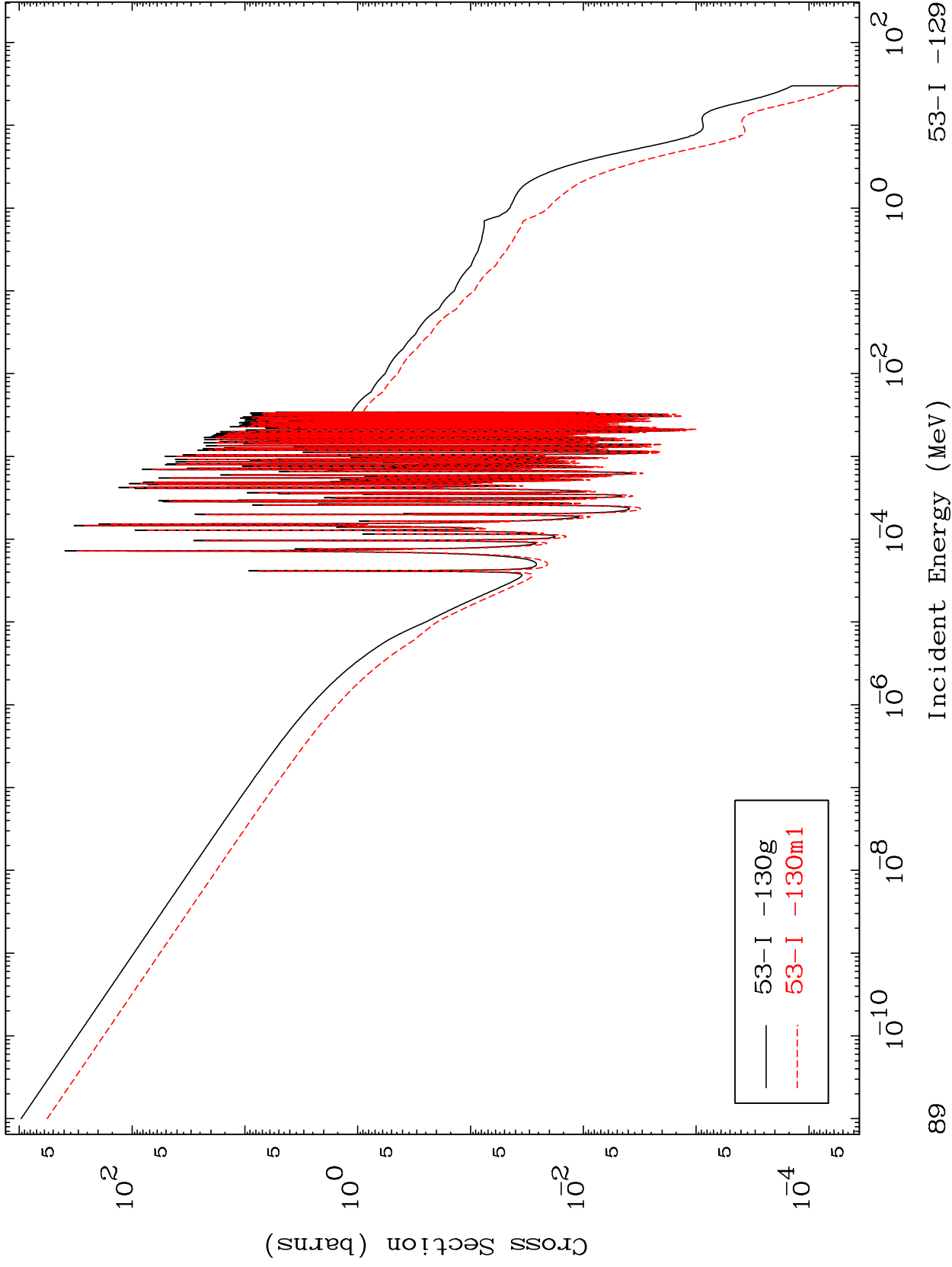
Radionuclide Production Cross Section



MAT 5331

53-I -129

(n,γ)  
Radionuclide Production Cross Section



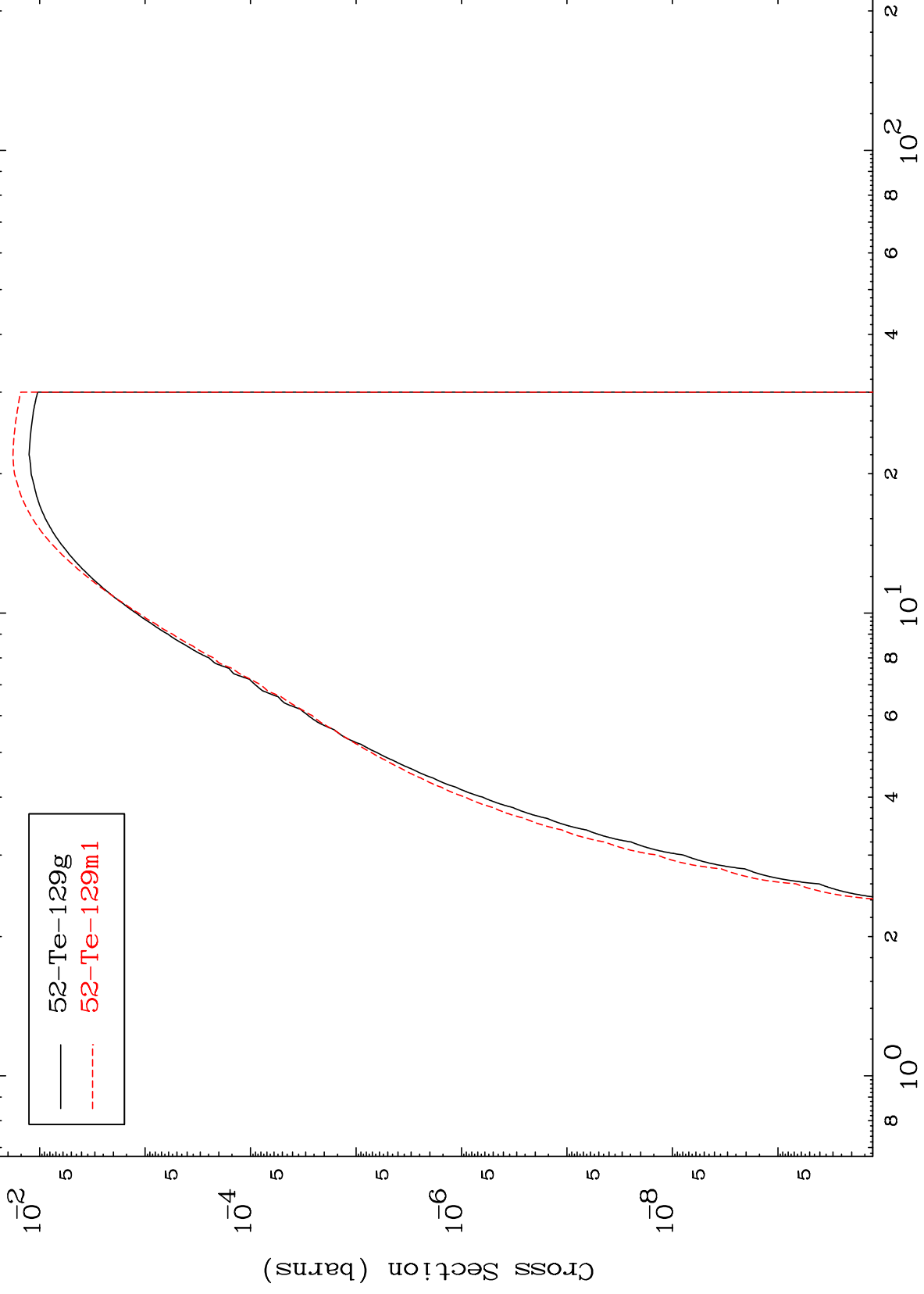
89

53-I -129

MAT 5331

53-I -129

(n,p)  
Radionuclide Production Cross Section



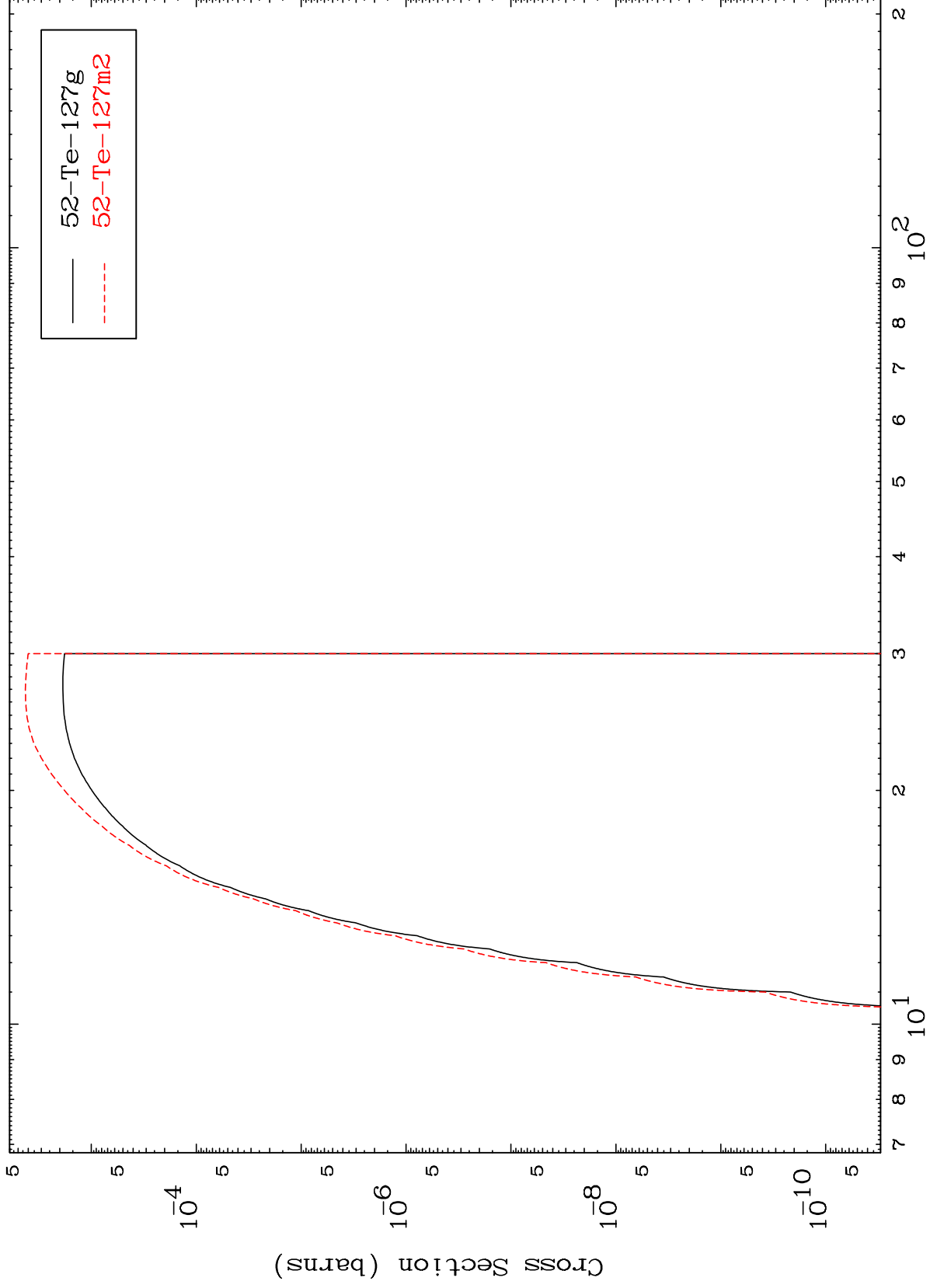
90

53-I -129

MAT 5331

53-I -129

(n,t)  
Radionuclide Production Cross Section



91

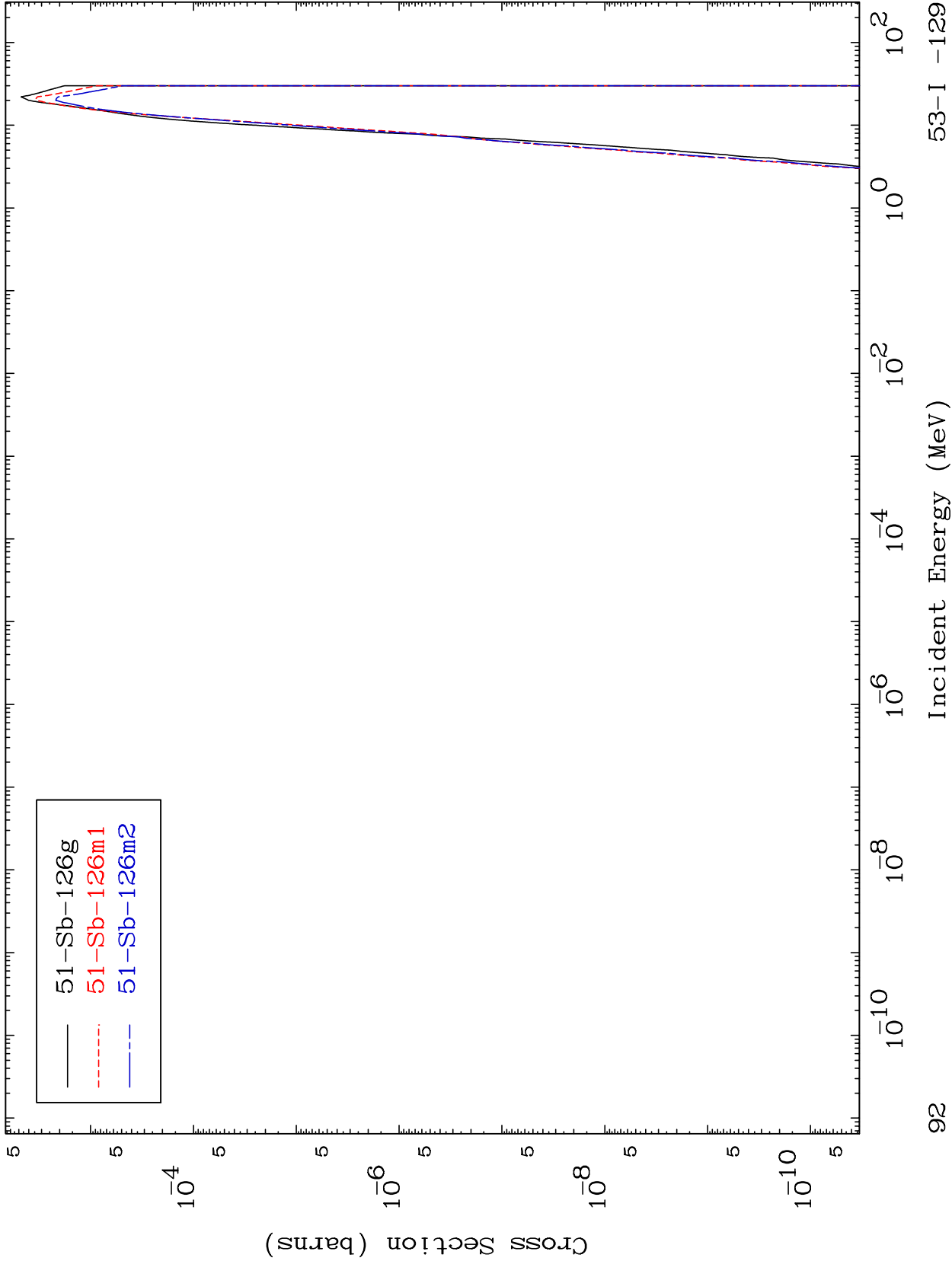
Incident Energy (MeV)

53-I -129

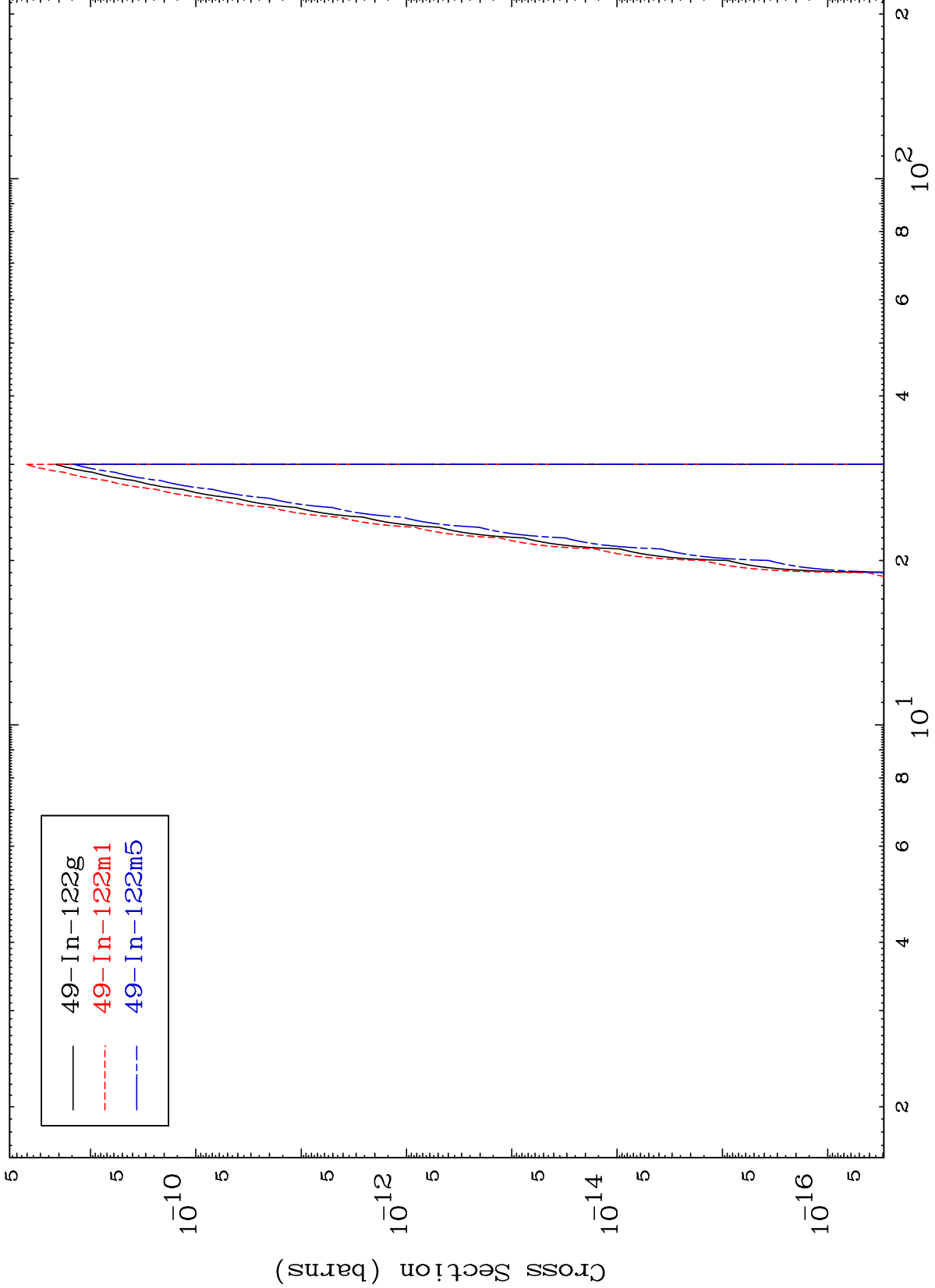
MAT 5331

53-I -129

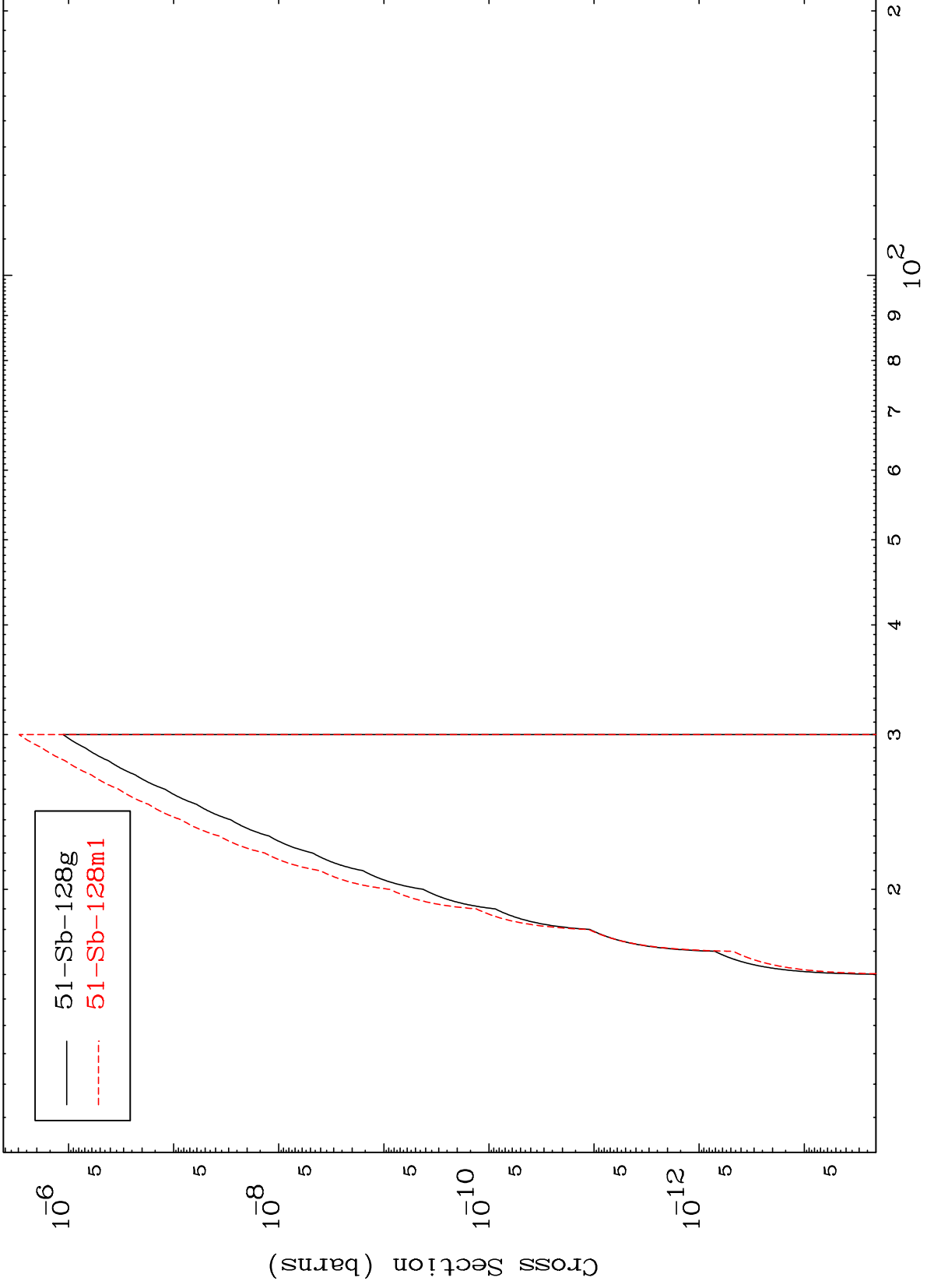
Radionuclide Production Cross Section



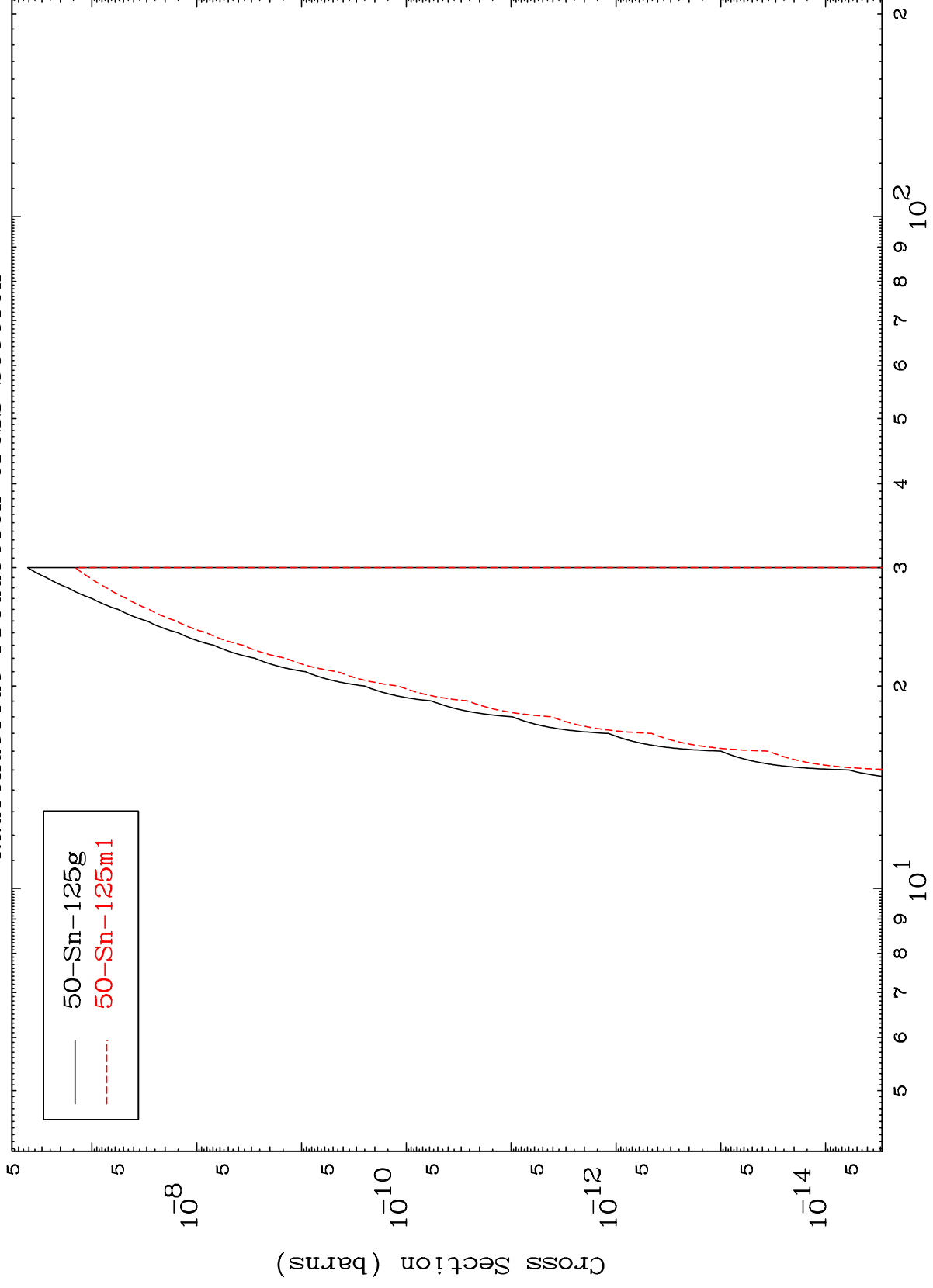
(n,2α)  
Radionuclide Production Cross Section



(n,2p)  
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

