

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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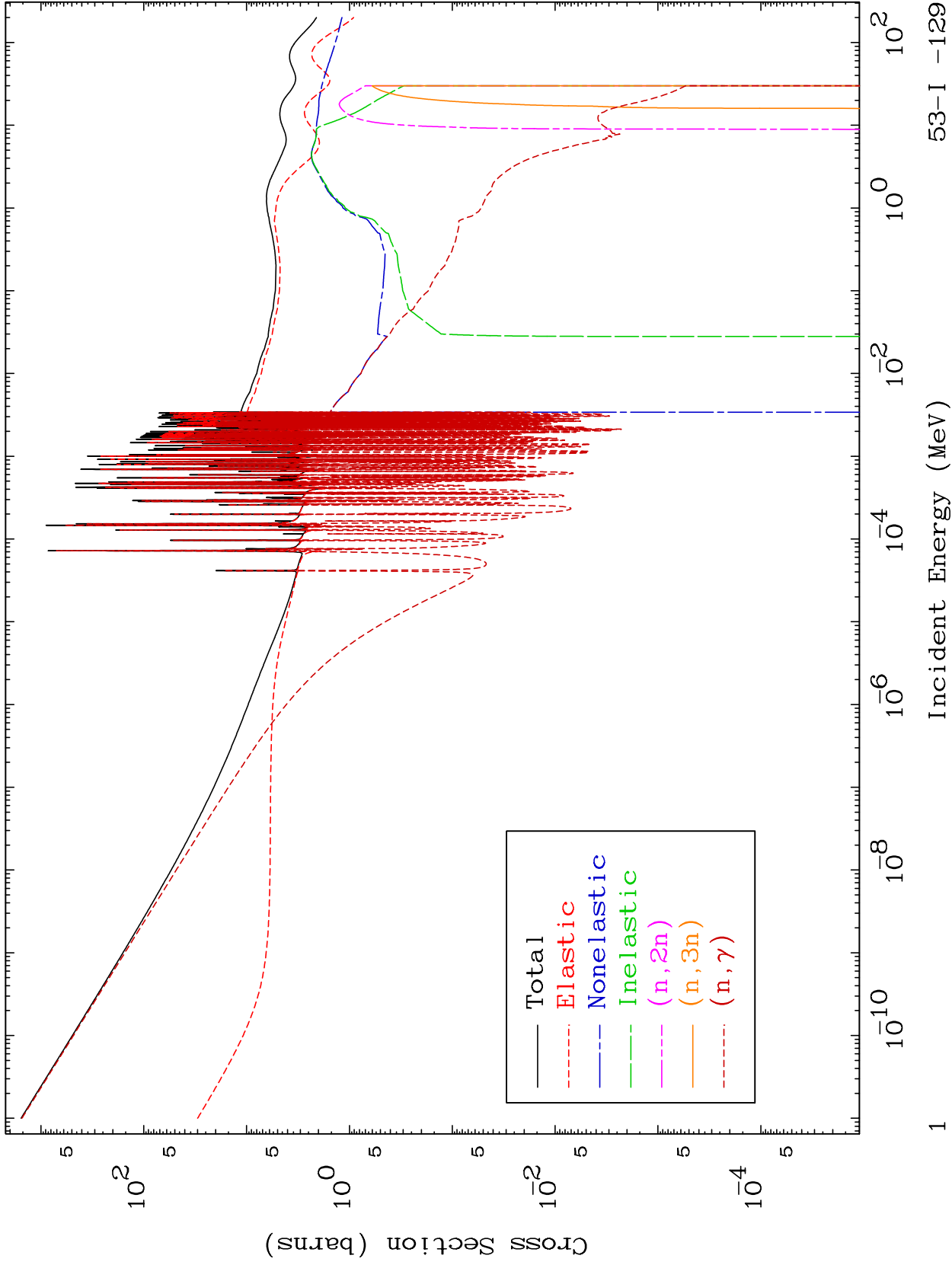
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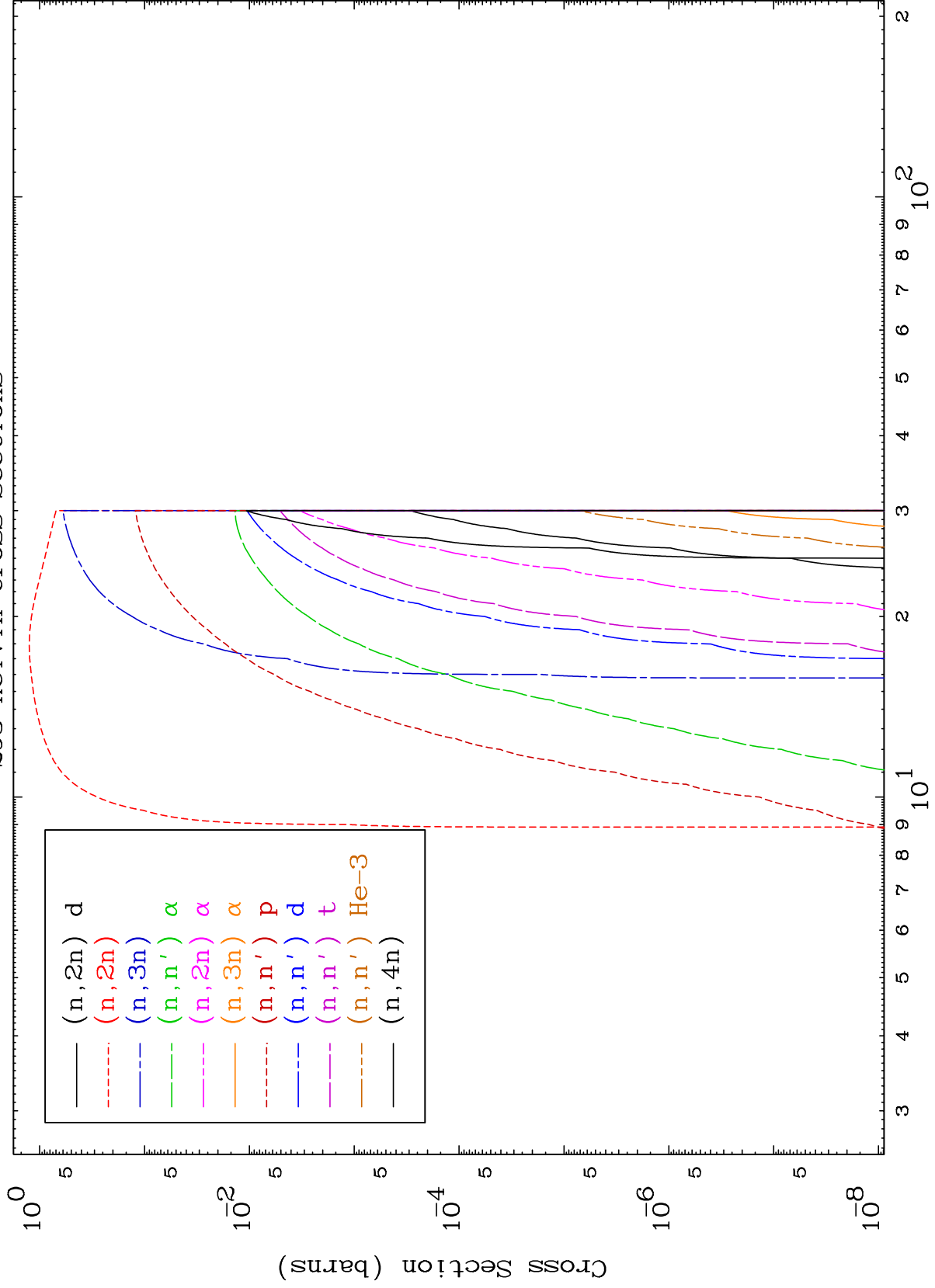
Press Mouse Button to Start

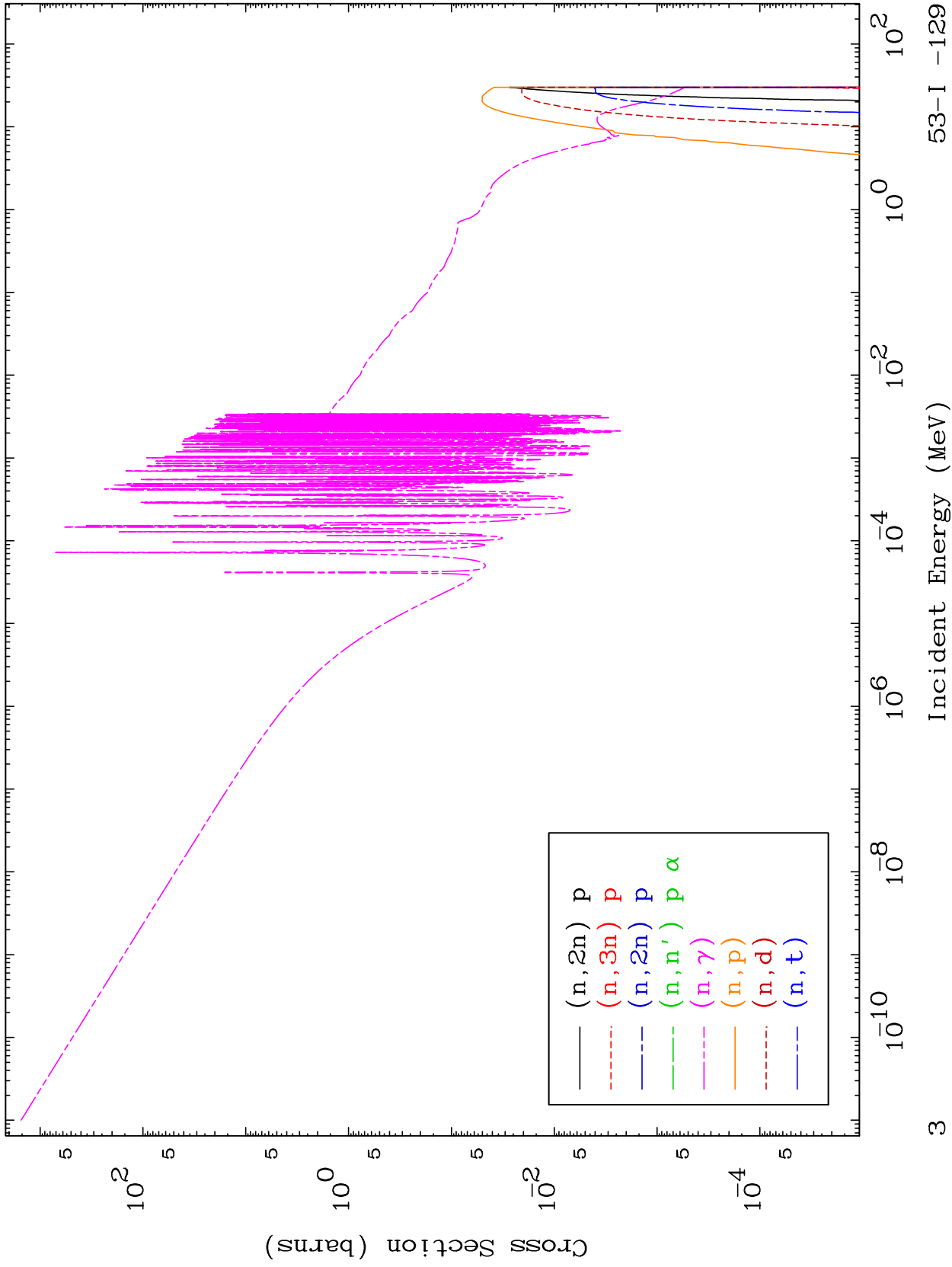
MAT 5331

Neutron Major  
293 Kelvin Cross Sections

53-I -129



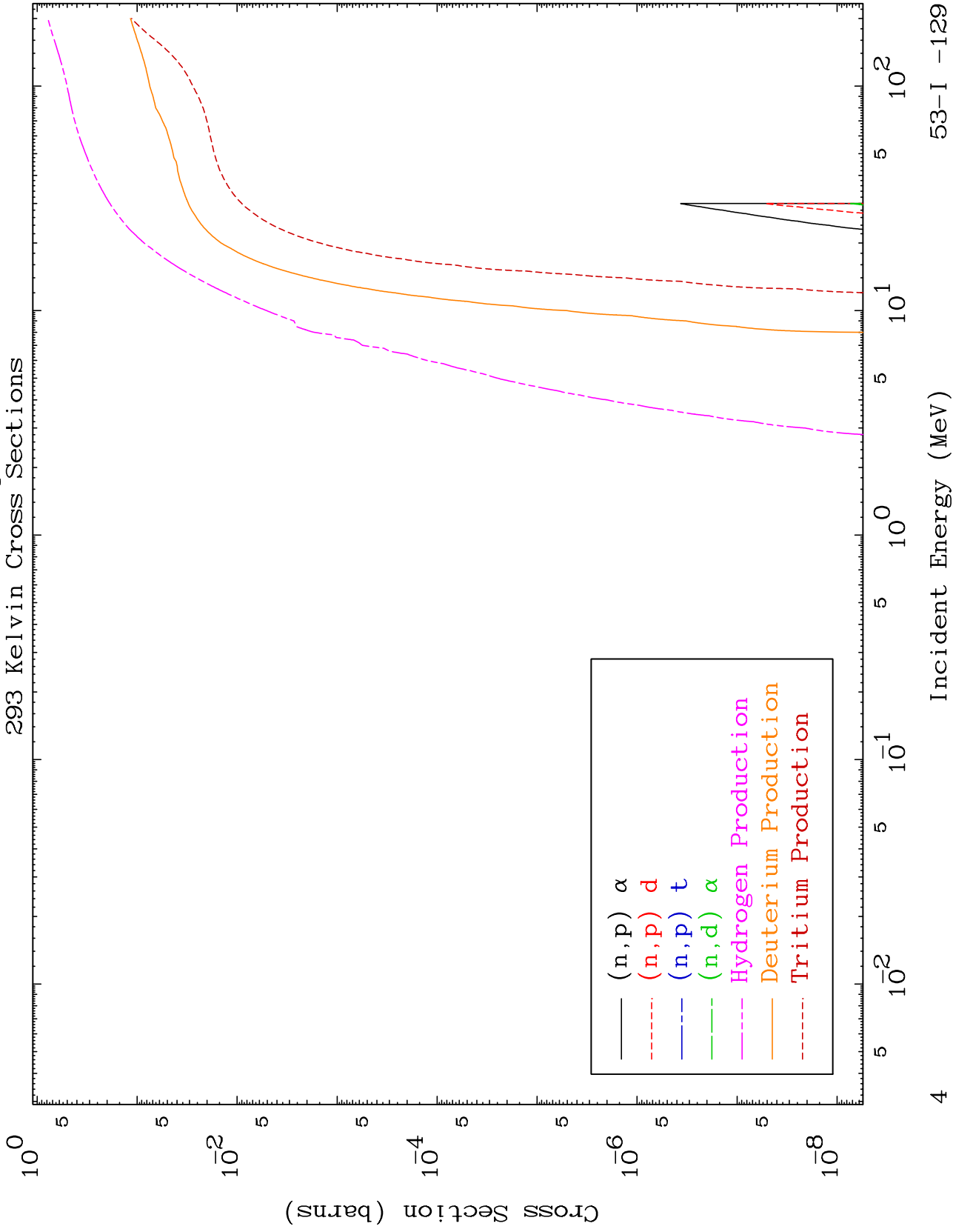


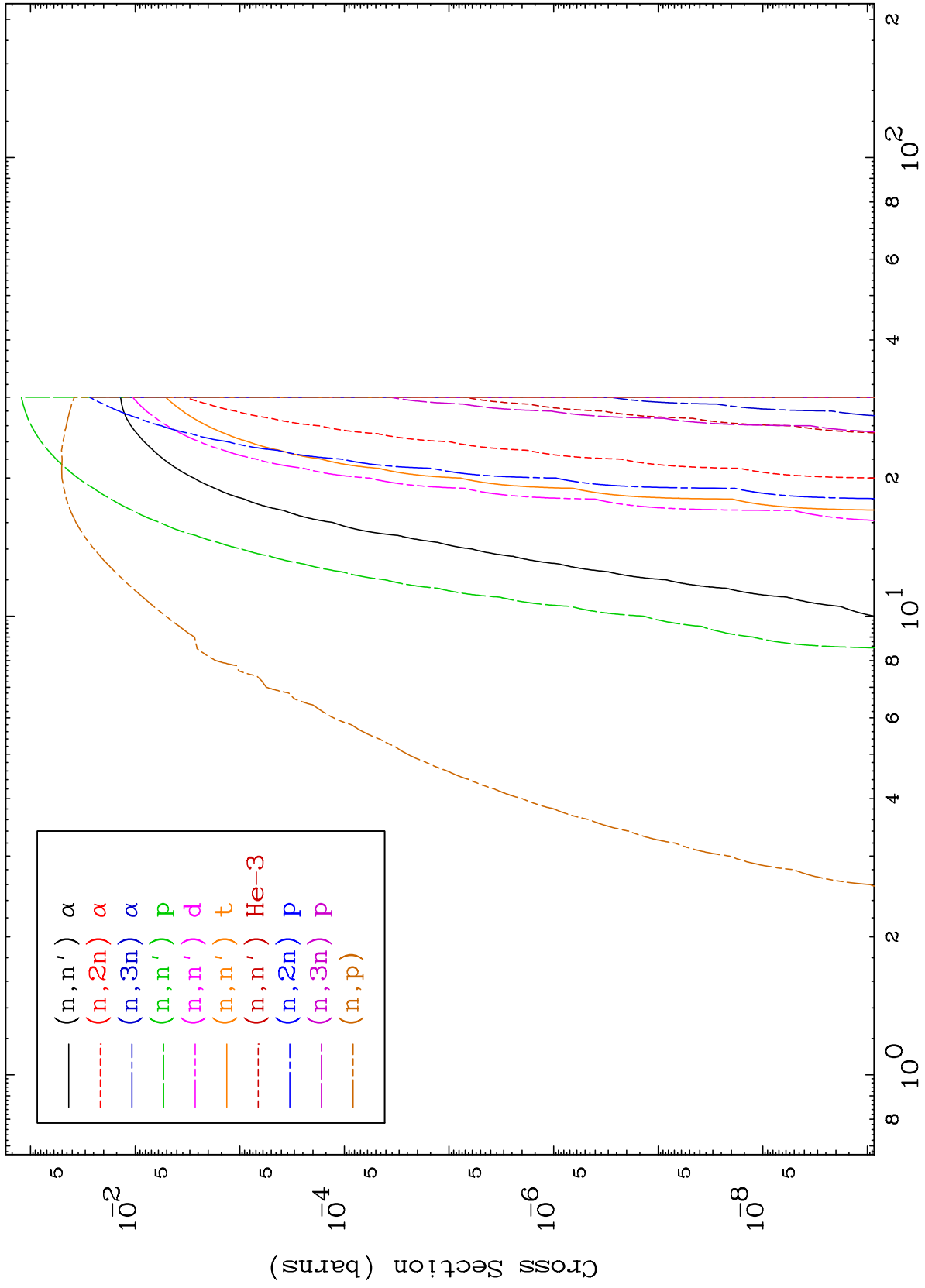


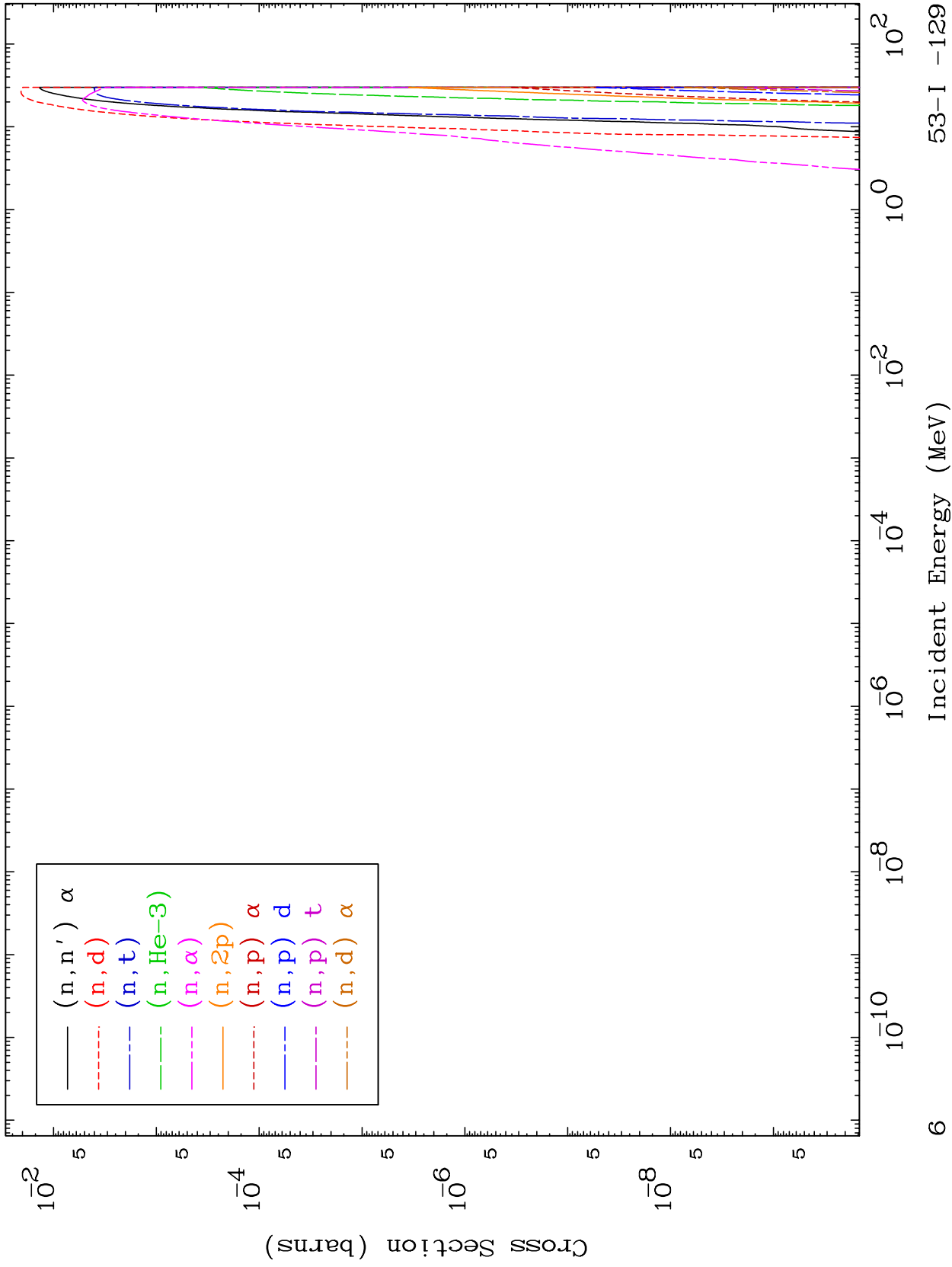
MAT 5331

Neutron Absorption  
293 Kelvin Cross Sections

53-I -129



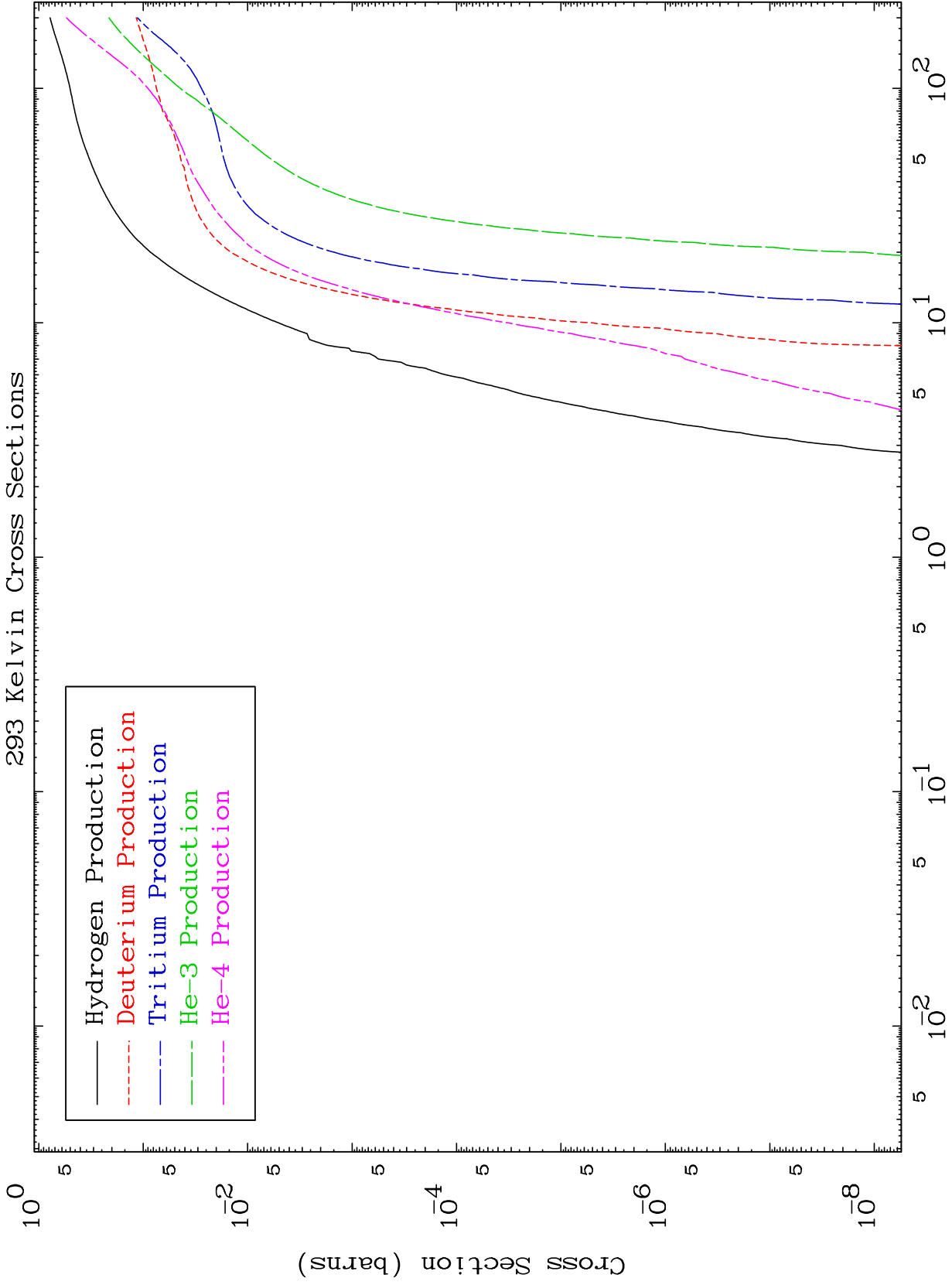




MAT 5331

Particle Production  
293 Kelvin Cross Sections

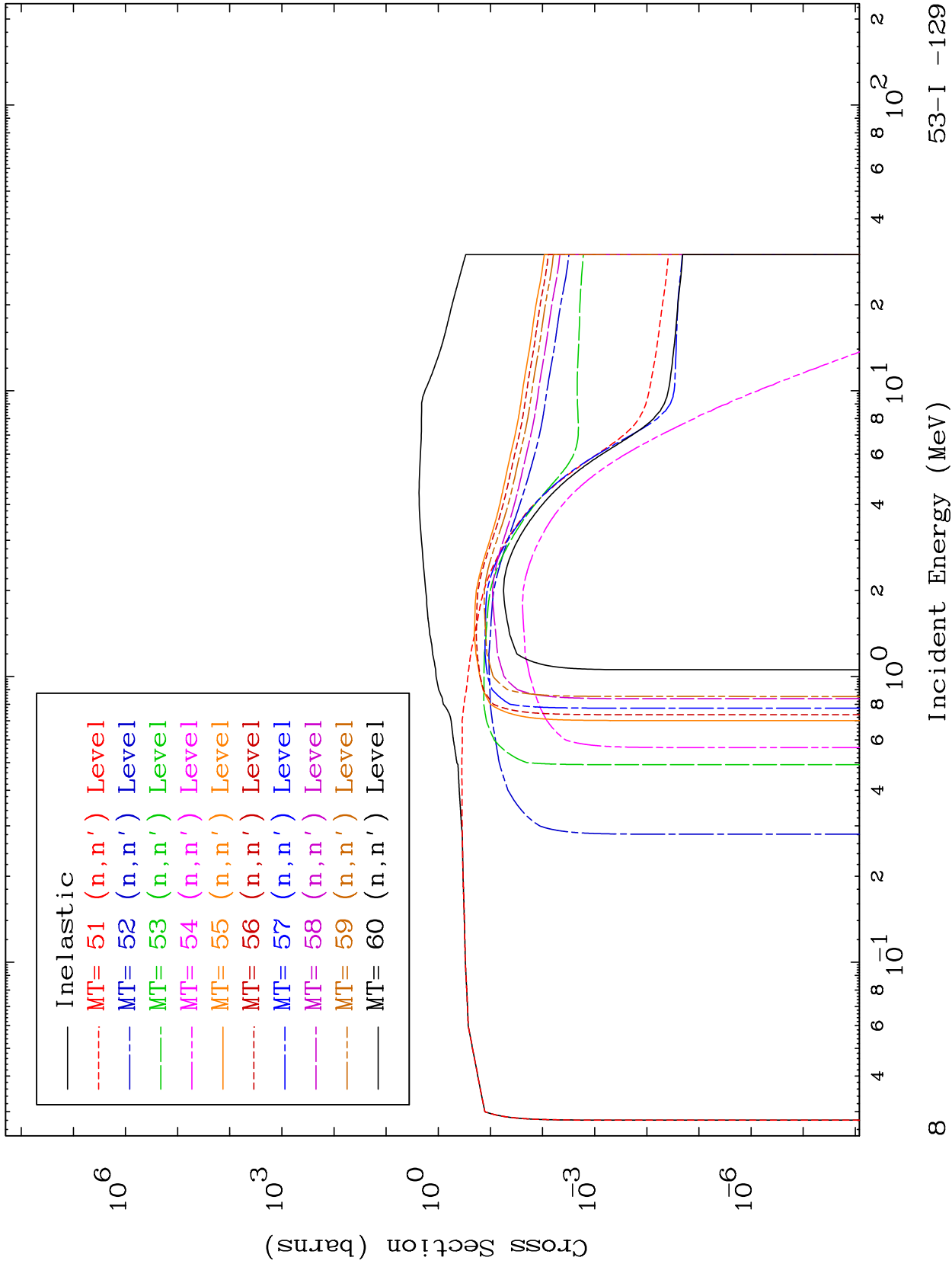
53-I -129

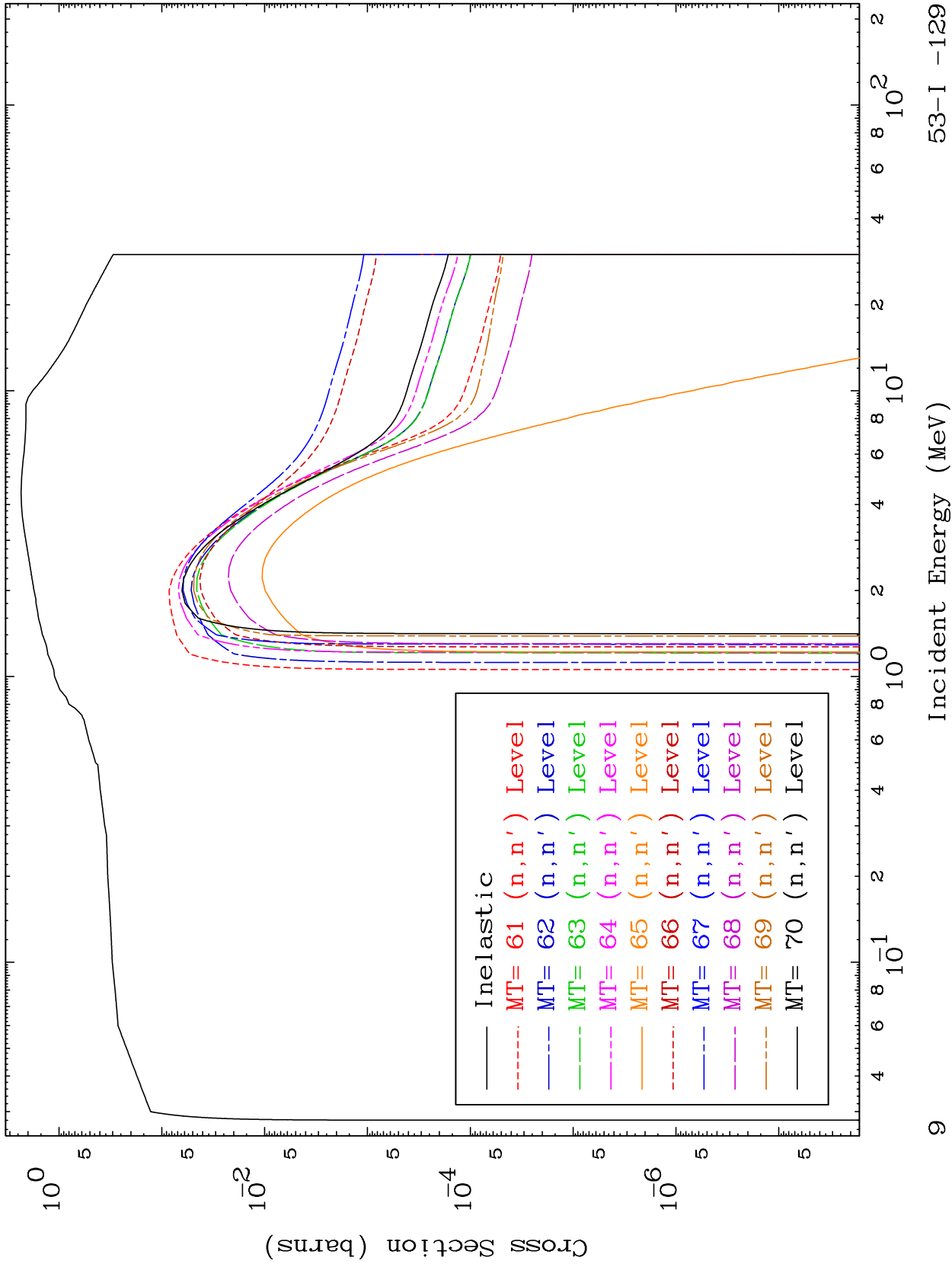


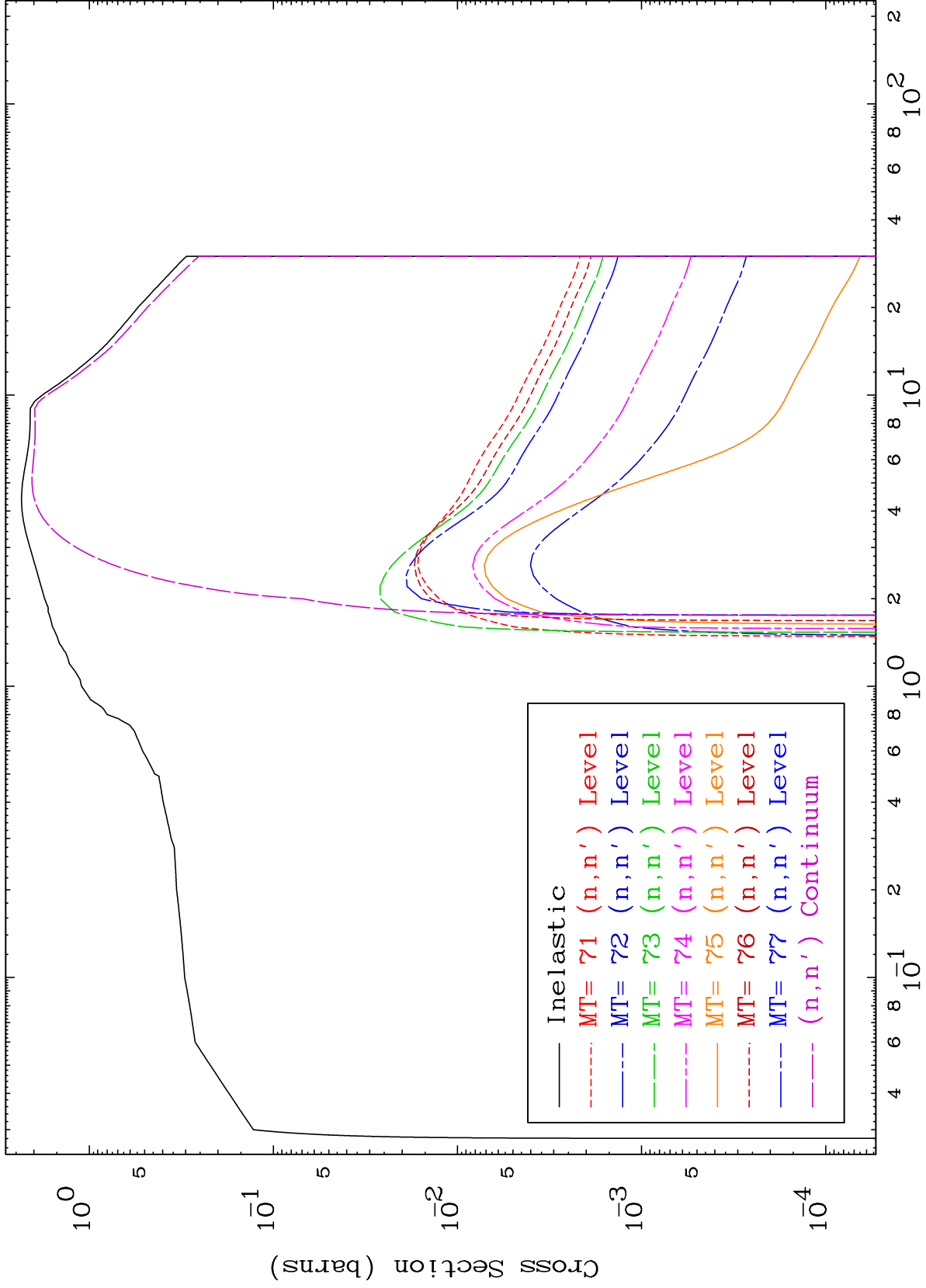
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Incident Energy (MeV)

53-I -129



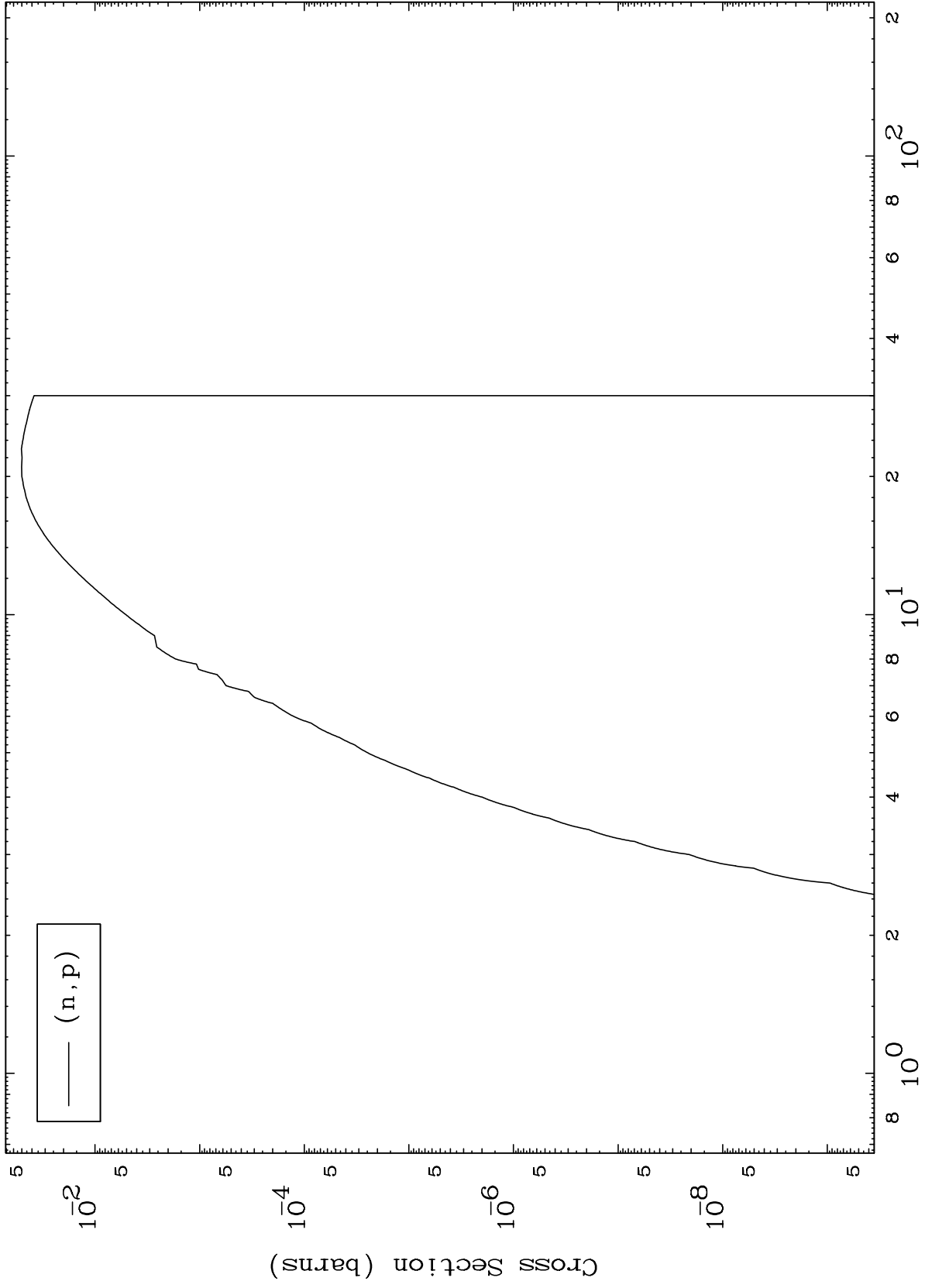


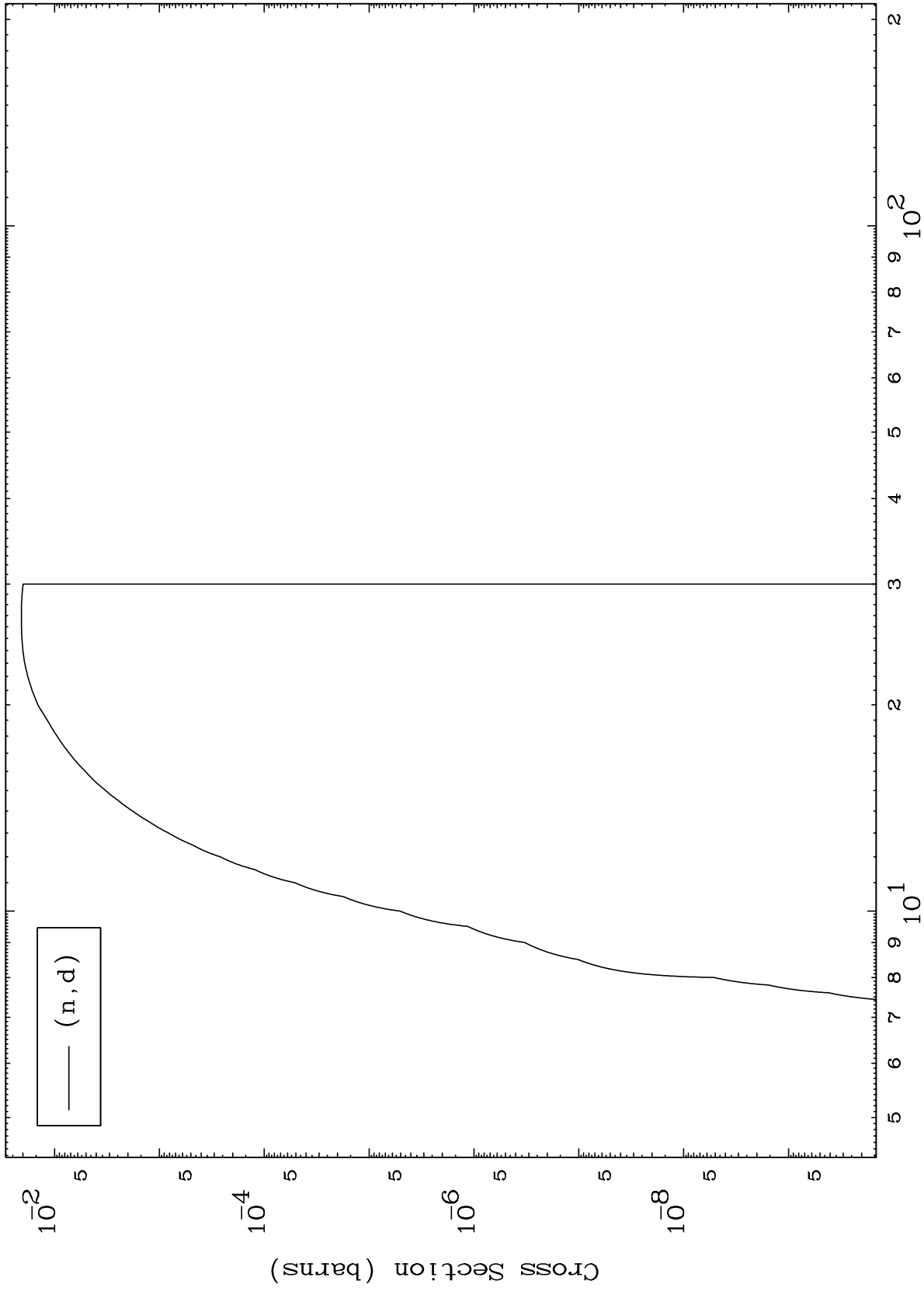


MAT 5331

(n,p) Levels  
293 Kelvin Cross Sections

53-I -129

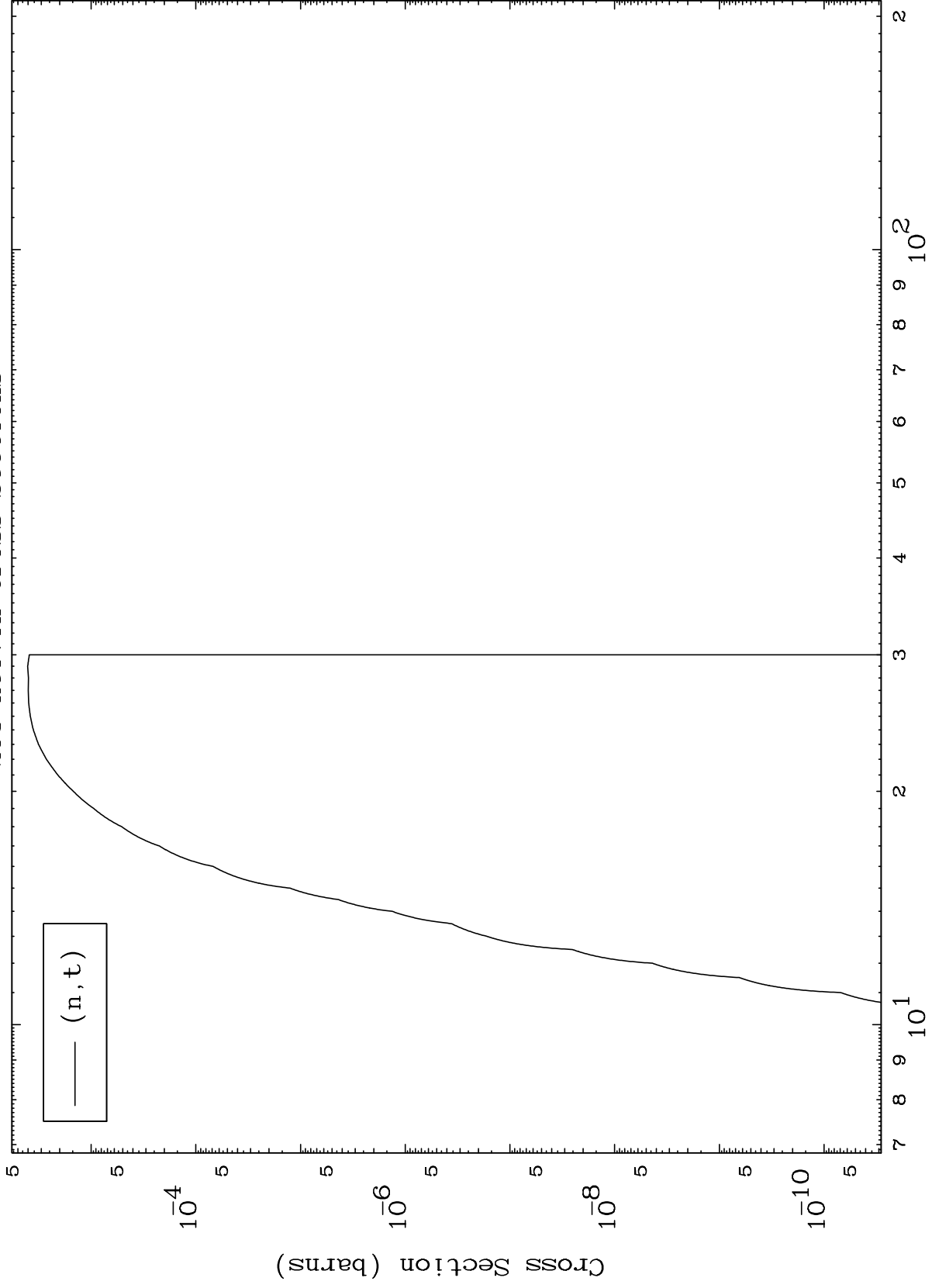




MAT 5331

(n,t) Levels  
293 Kelvin Cross Sections

53-I -129



13

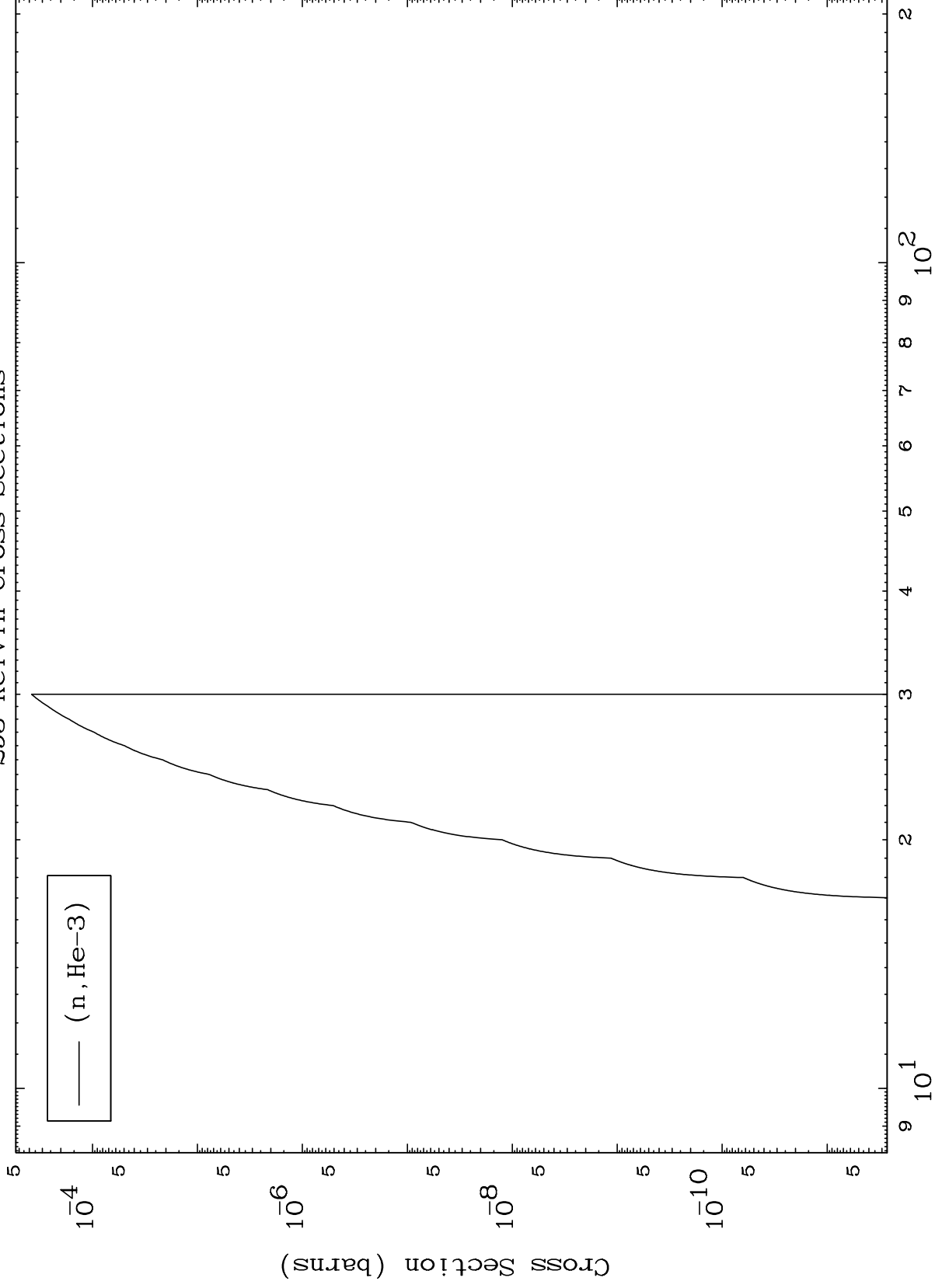
Incident Energy (MeV)

53-I -129

MAT 5331

(n,He3) Levels  
293 Kelvin Cross Sections

53-I -129



14

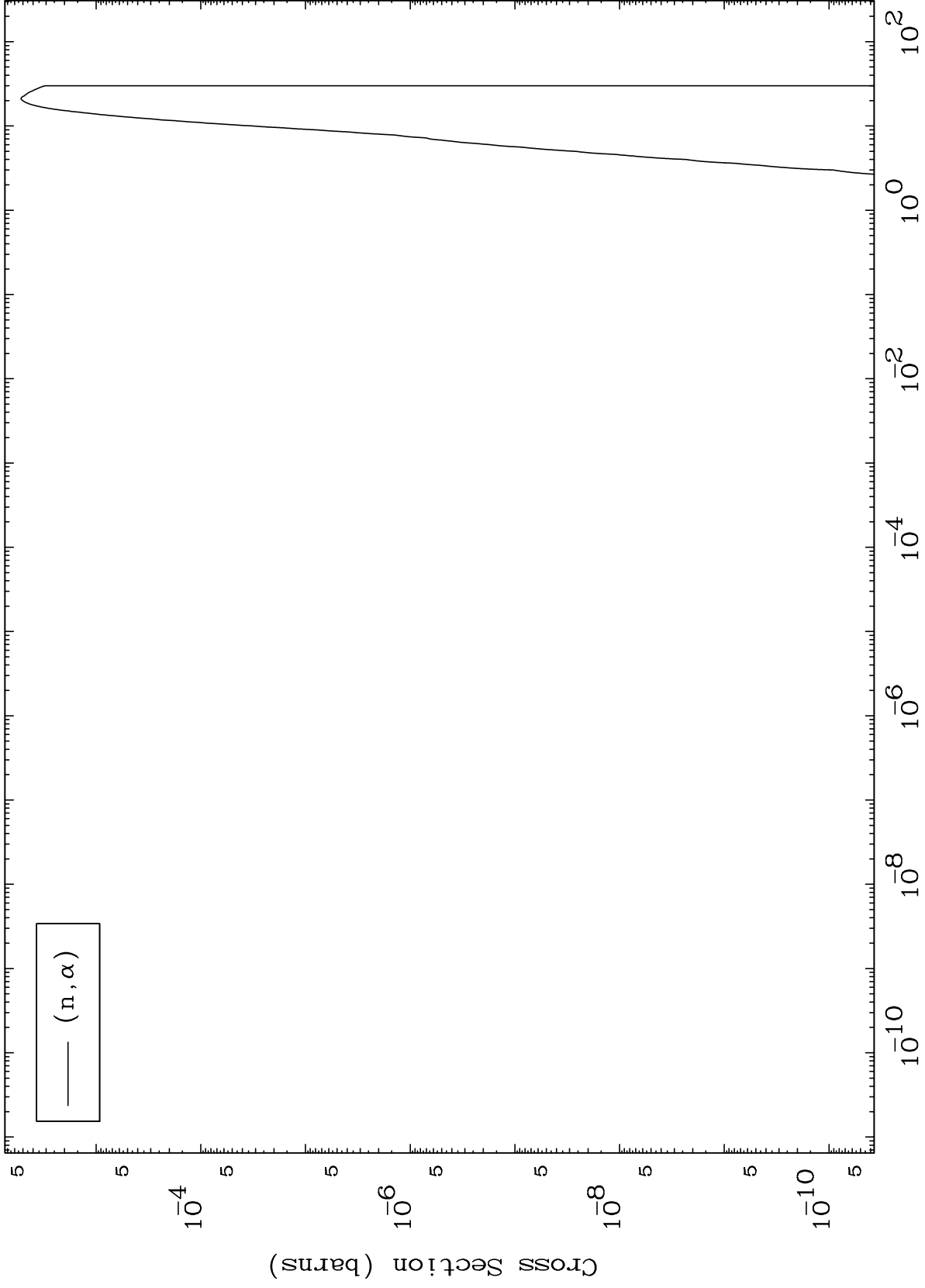
Incident Energy (MeV)

53-I -129

MAT 5331

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

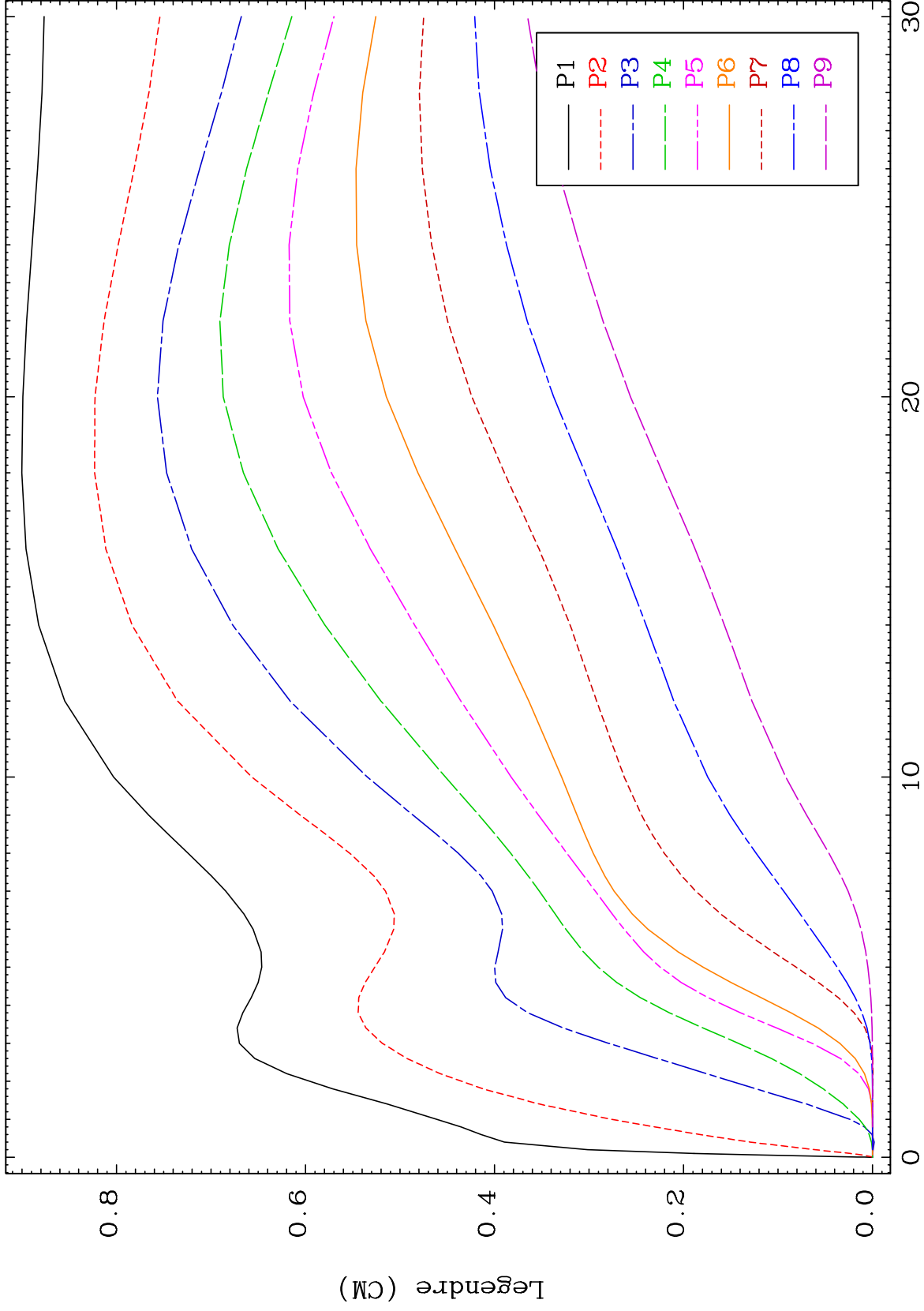
53-I -129



(n,  $\alpha$ )

15

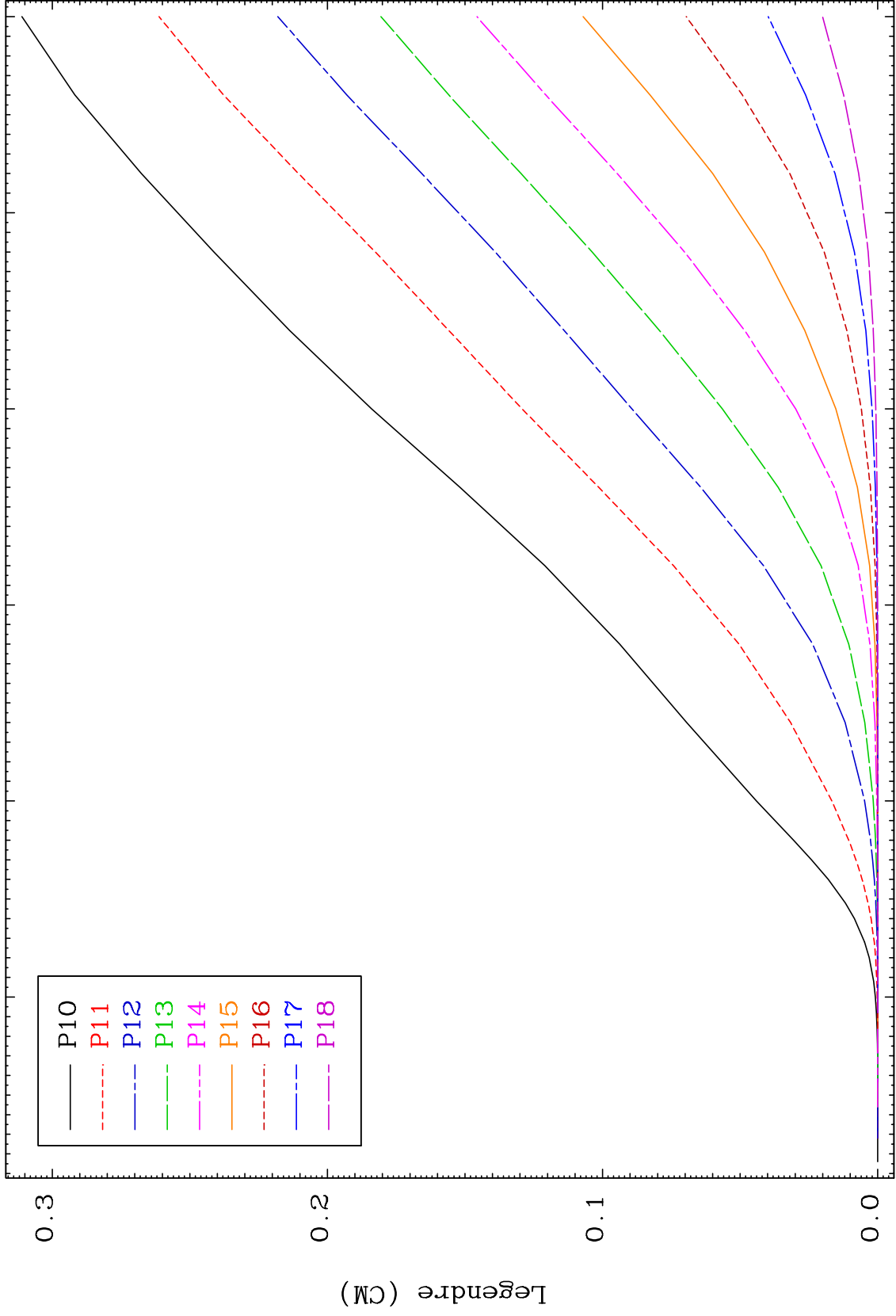
53-I -129



MAT 5331

Elastic Legendre Coefficients

53-I -129



17

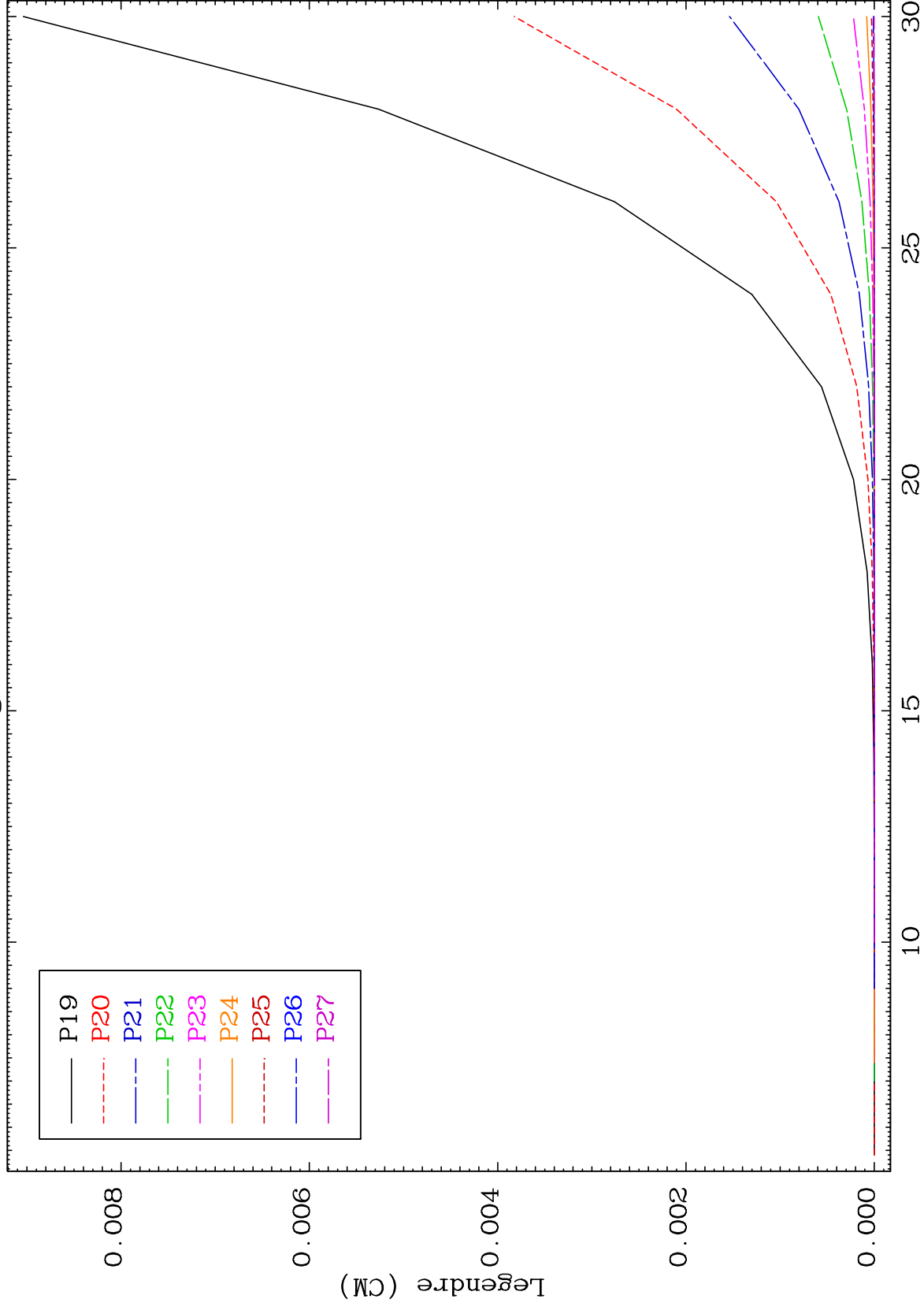
Incident Energy (MeV)

53-I -129

MAT 5331

### Elastic Legendre Coefficients

53-I -129



18

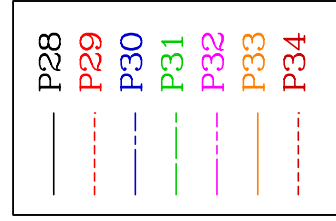
Incident Energy (MeV)

53-I -129

MAT 5331

Elastic Legendre Coefficients

53-I -129



$\times 10^{-7}$

6

Legendre (CM)

4

2

0

15

20

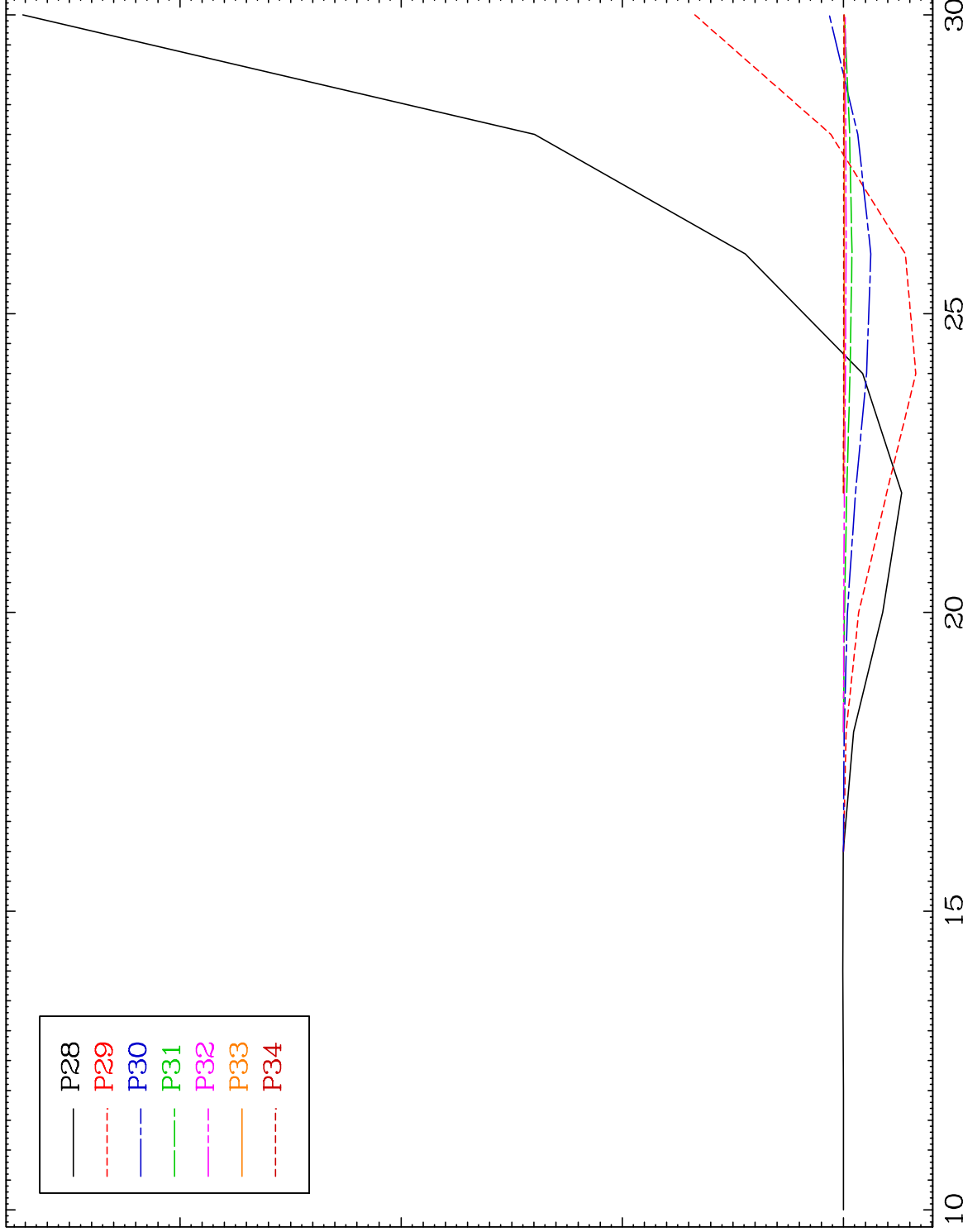
25

30

19

Incident Energy (MeV)

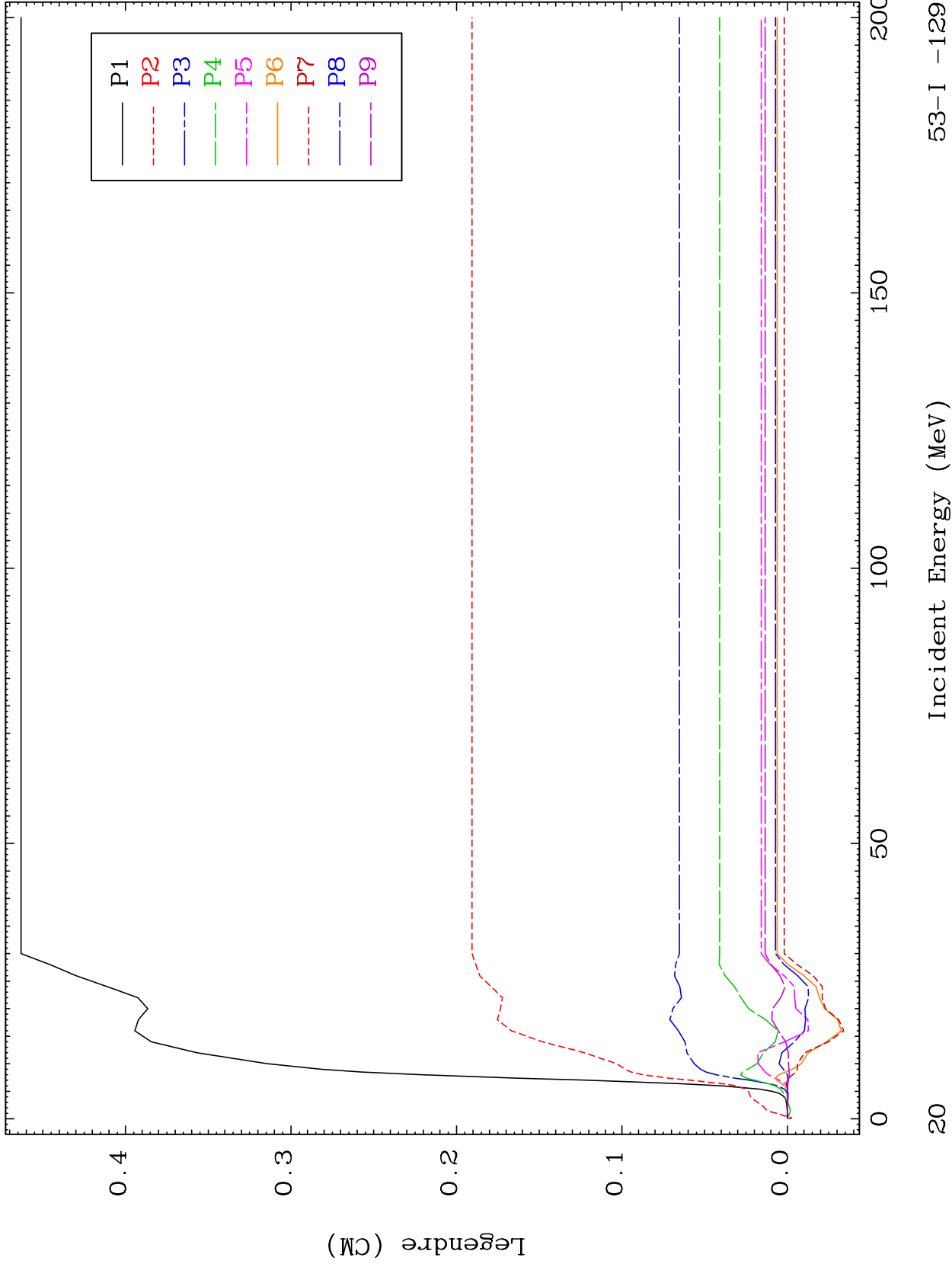
53-I -129



MAT 5331

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

53-I -129

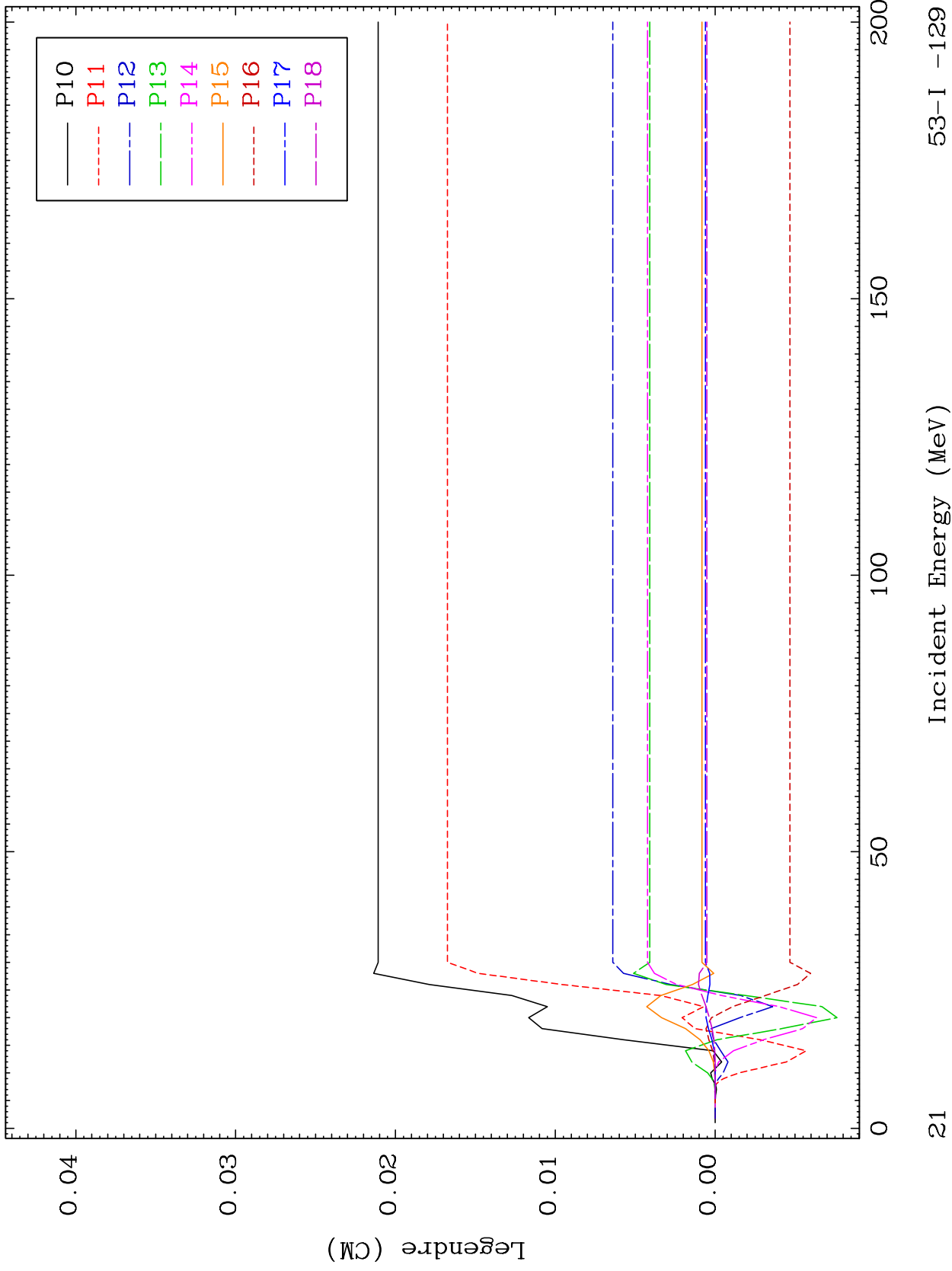


53-I -129

MAT 5331

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

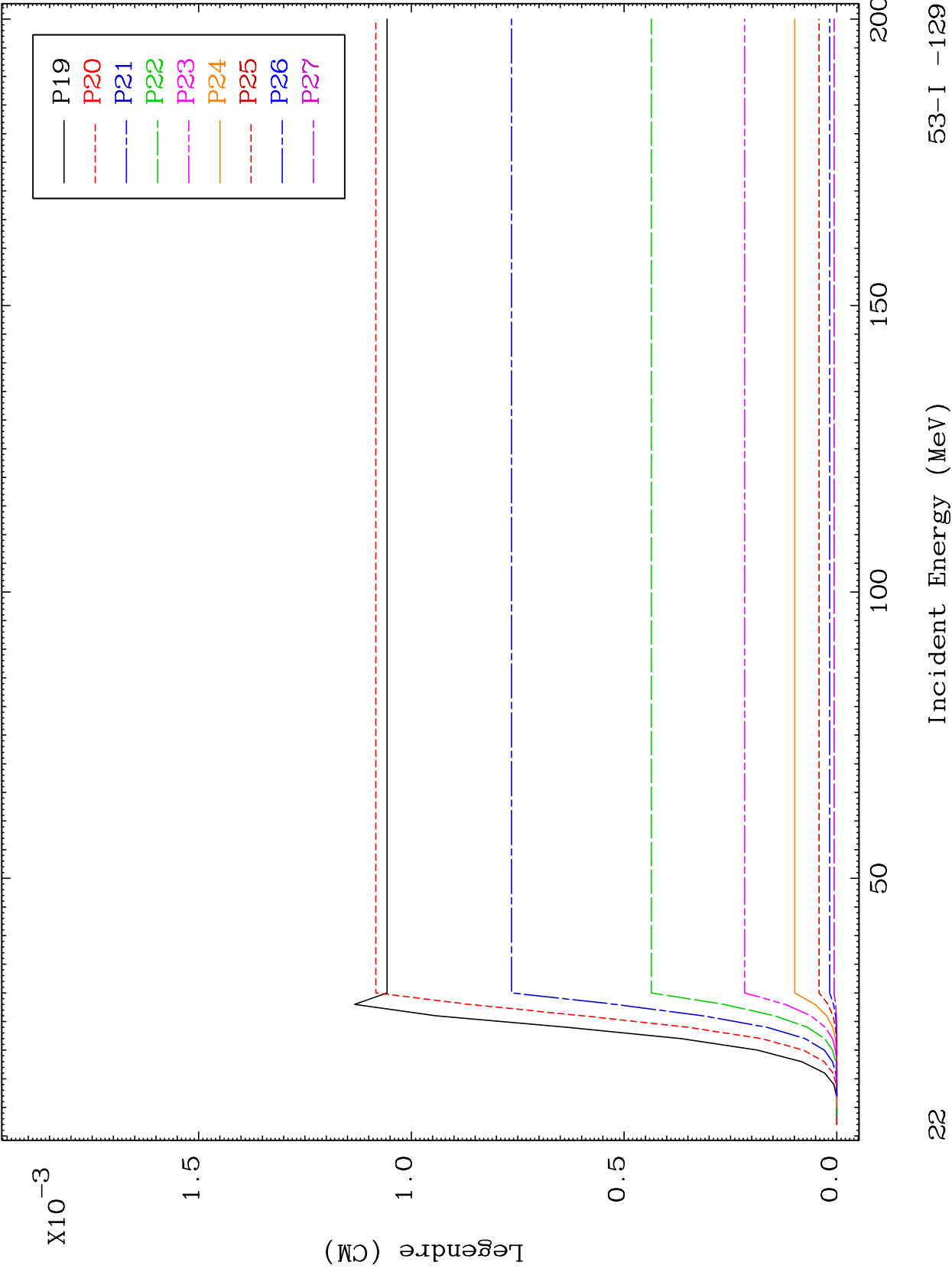
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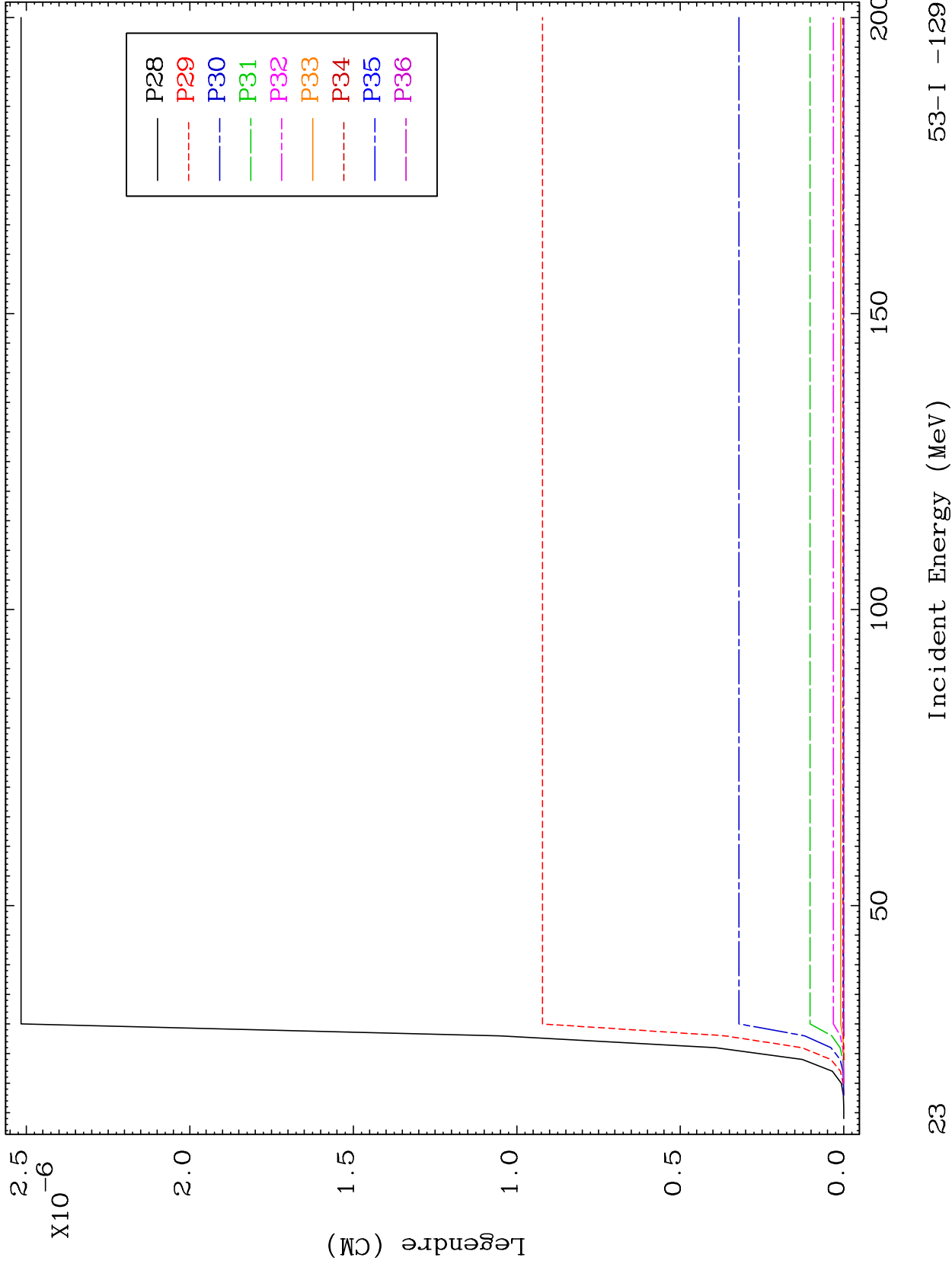


21

Incident Energy (MeV)

53-I -129

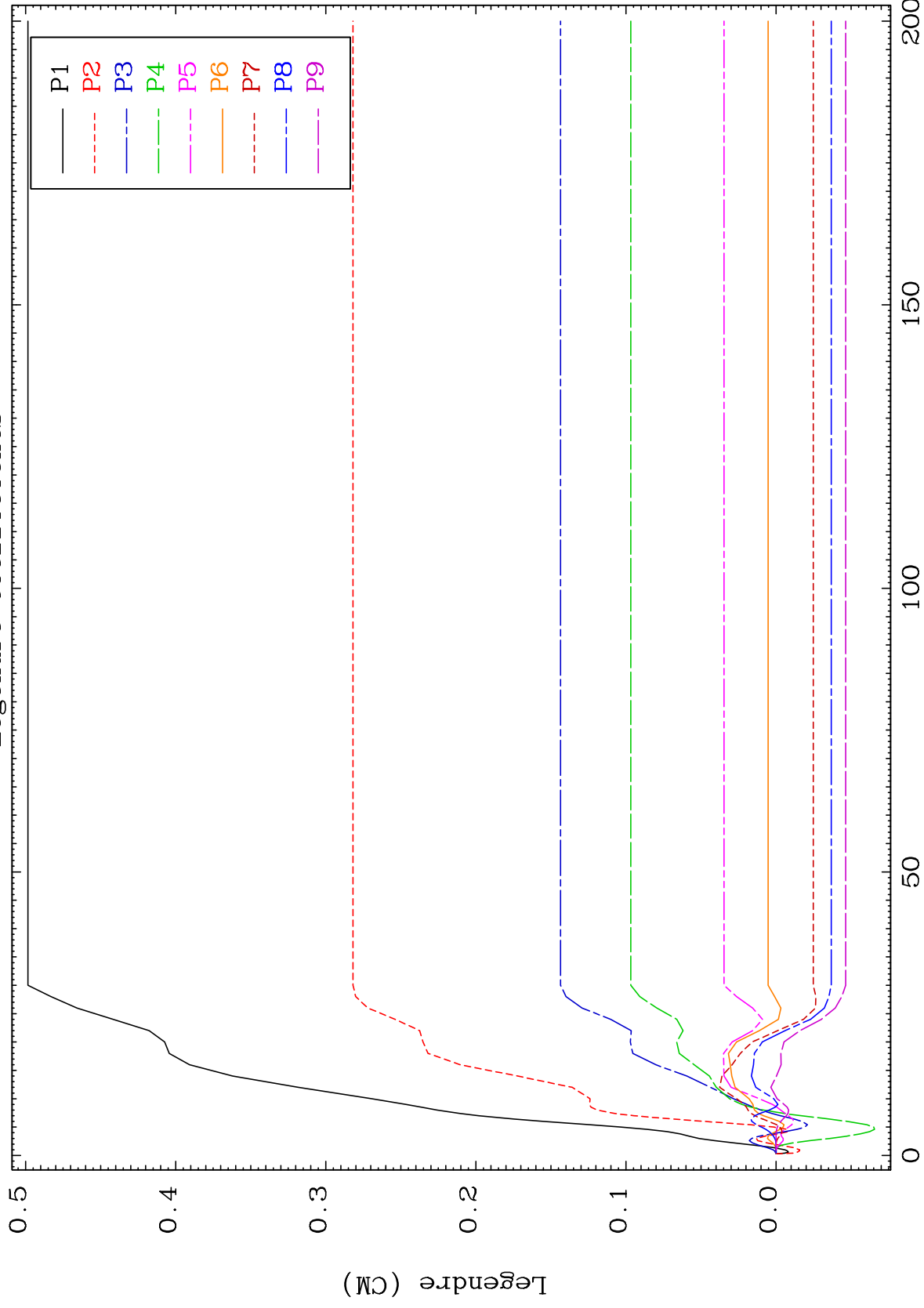




MAT 5331

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

53-I -129



53-I -129

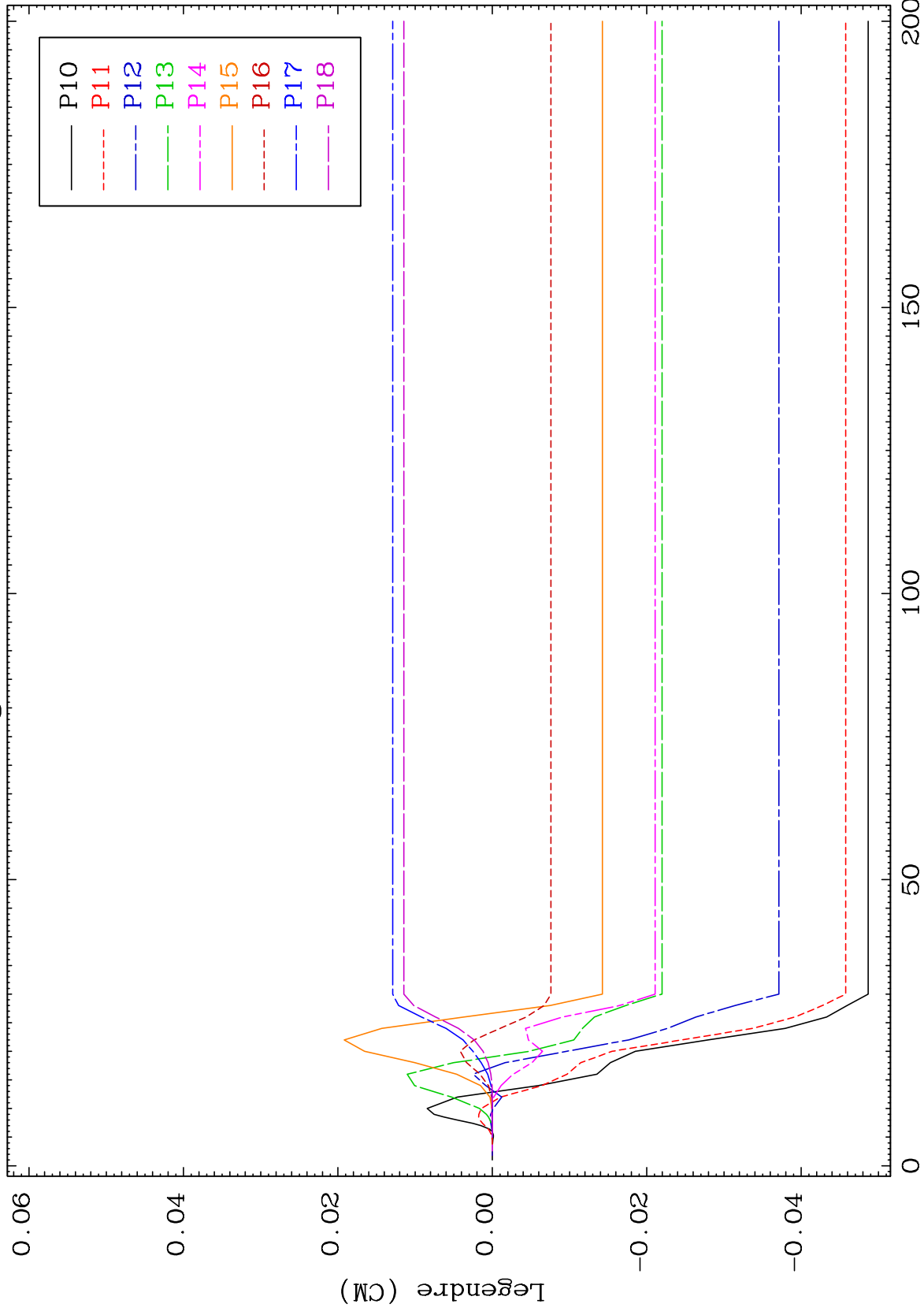
Incident Energy (MeV)

24

MAT 5331

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

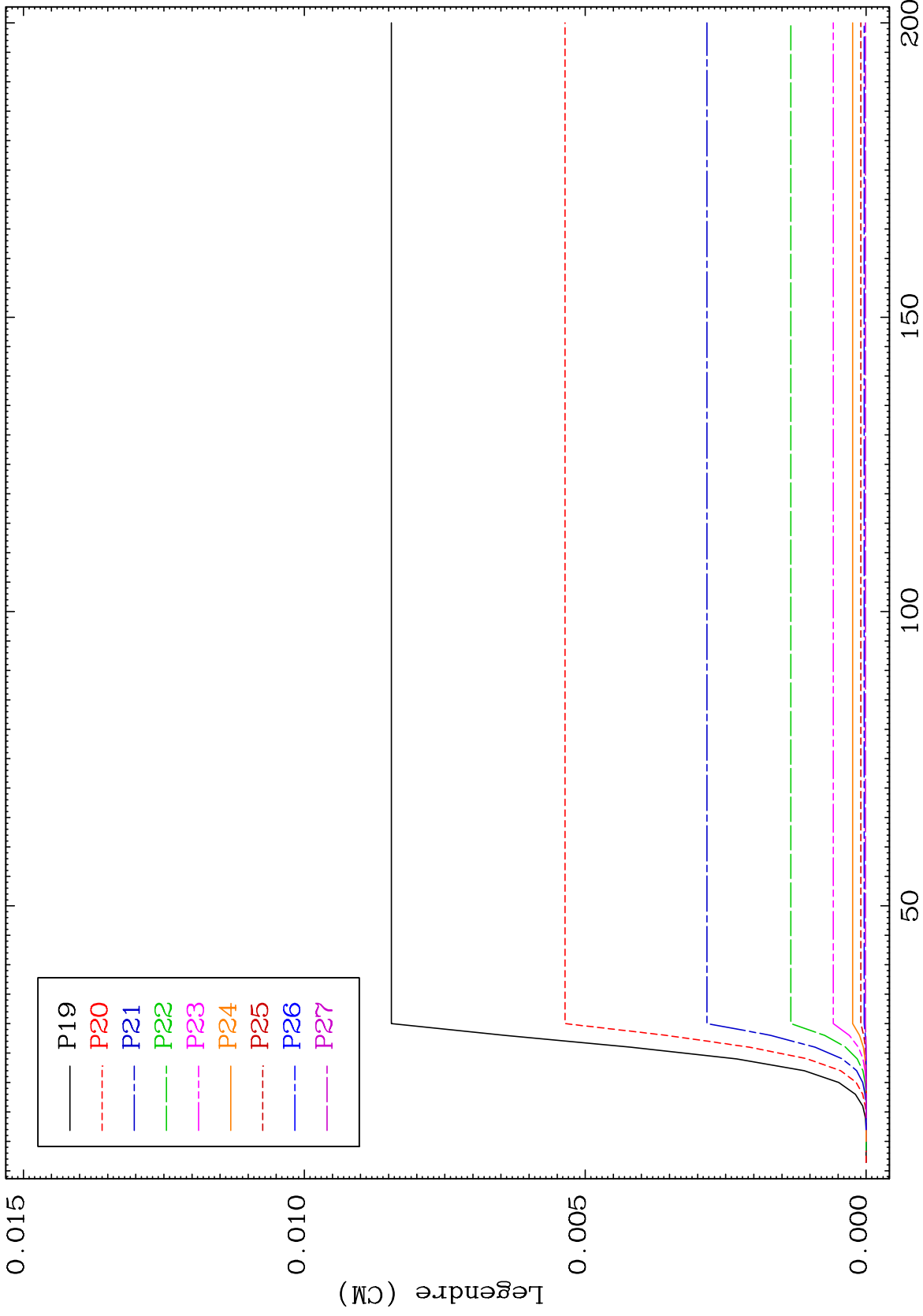
53-I -129

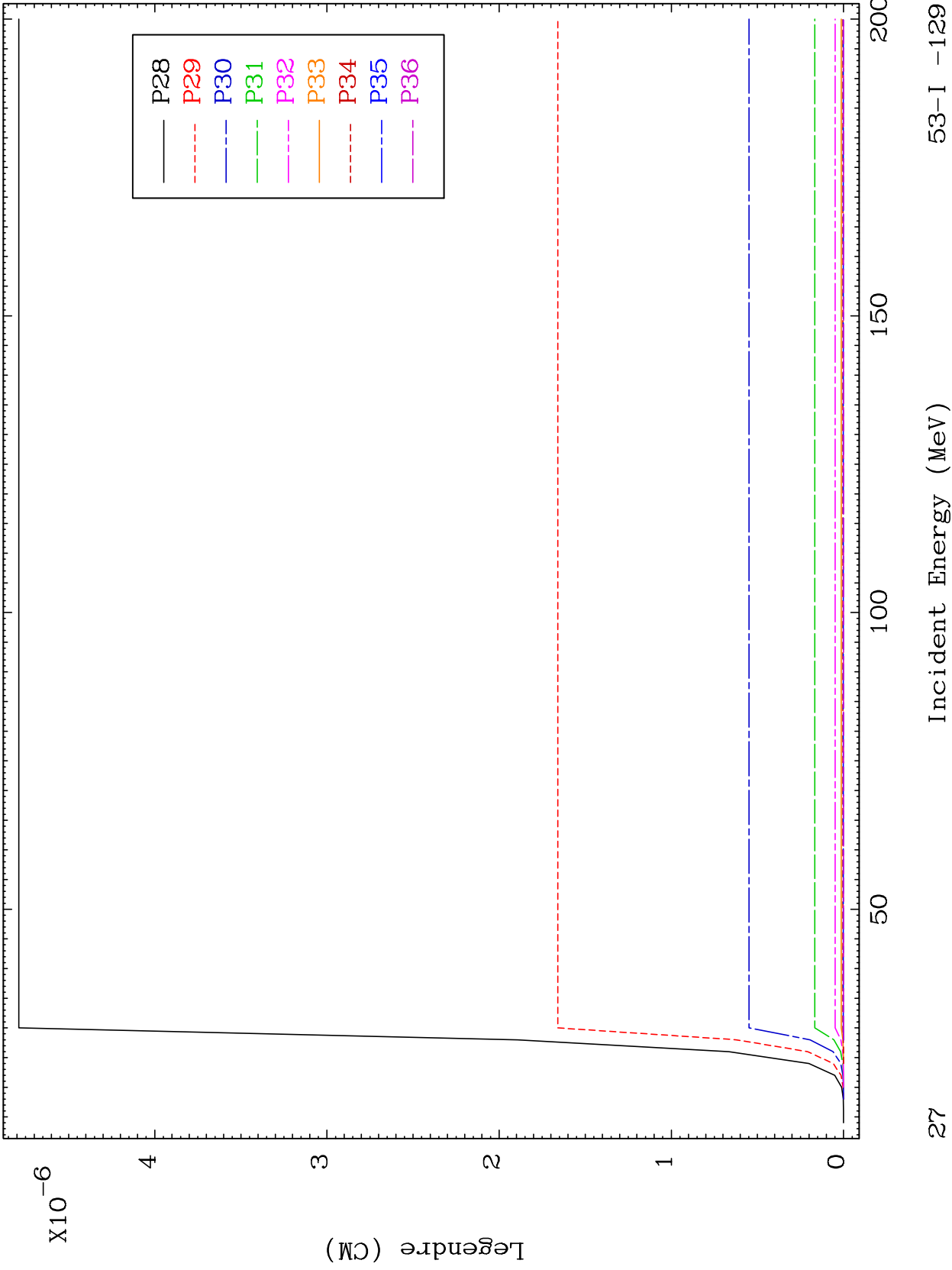


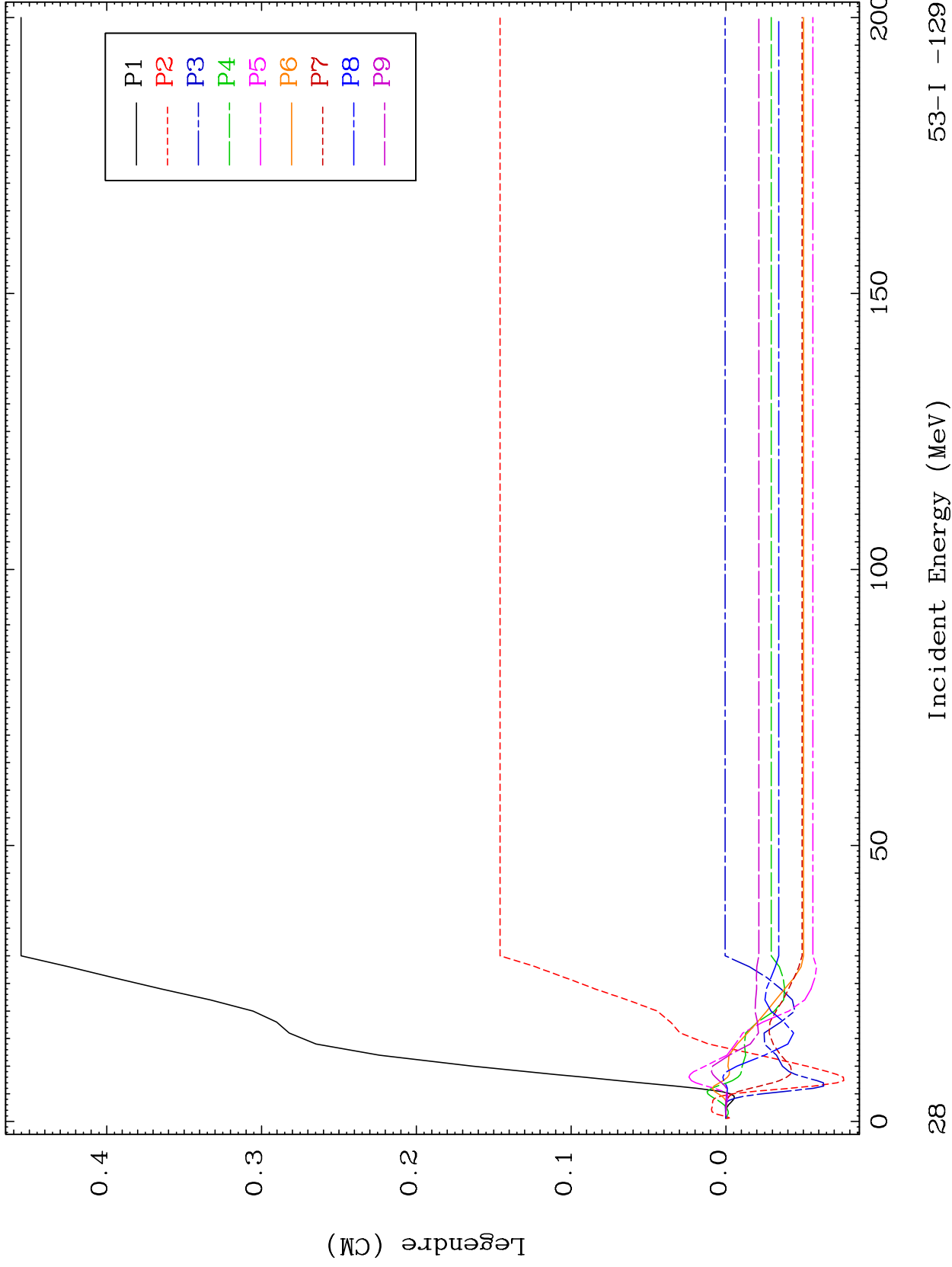
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Incident Energy (MeV)

53-I -129



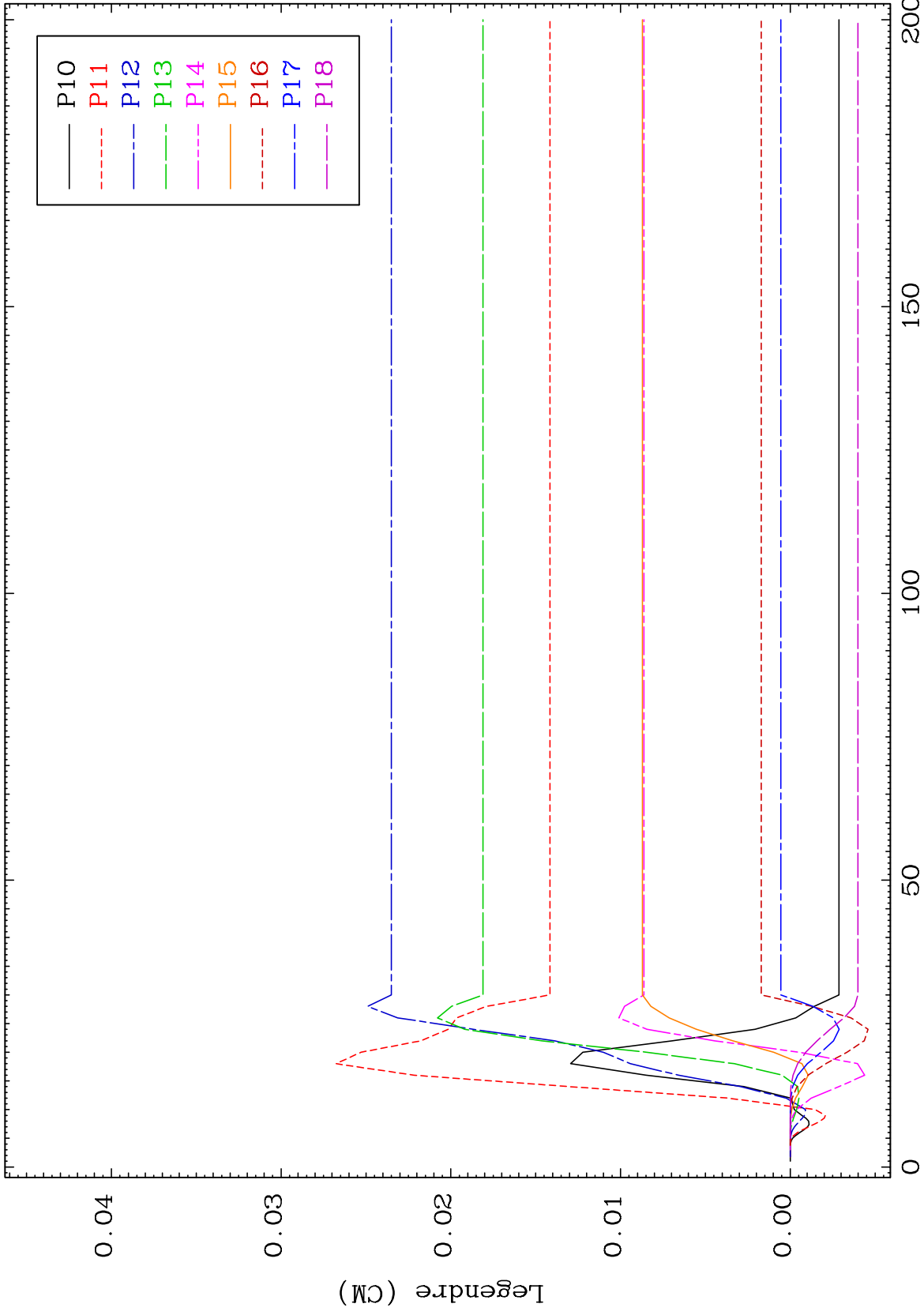




MAT 5331

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

53-I -129



29

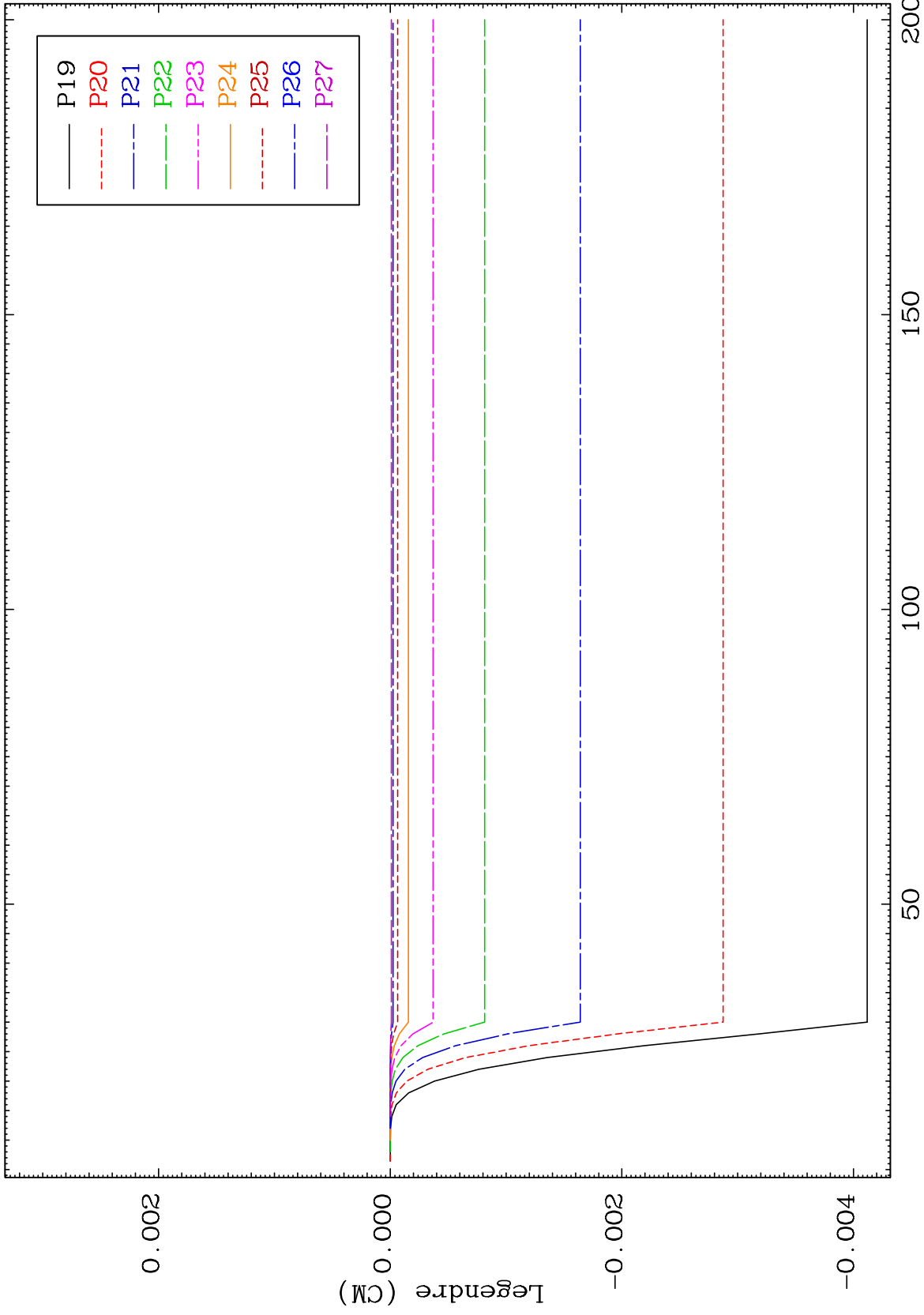
Incident Energy (MeV)

53-I -129

MAT 5331

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

53-I -129



30

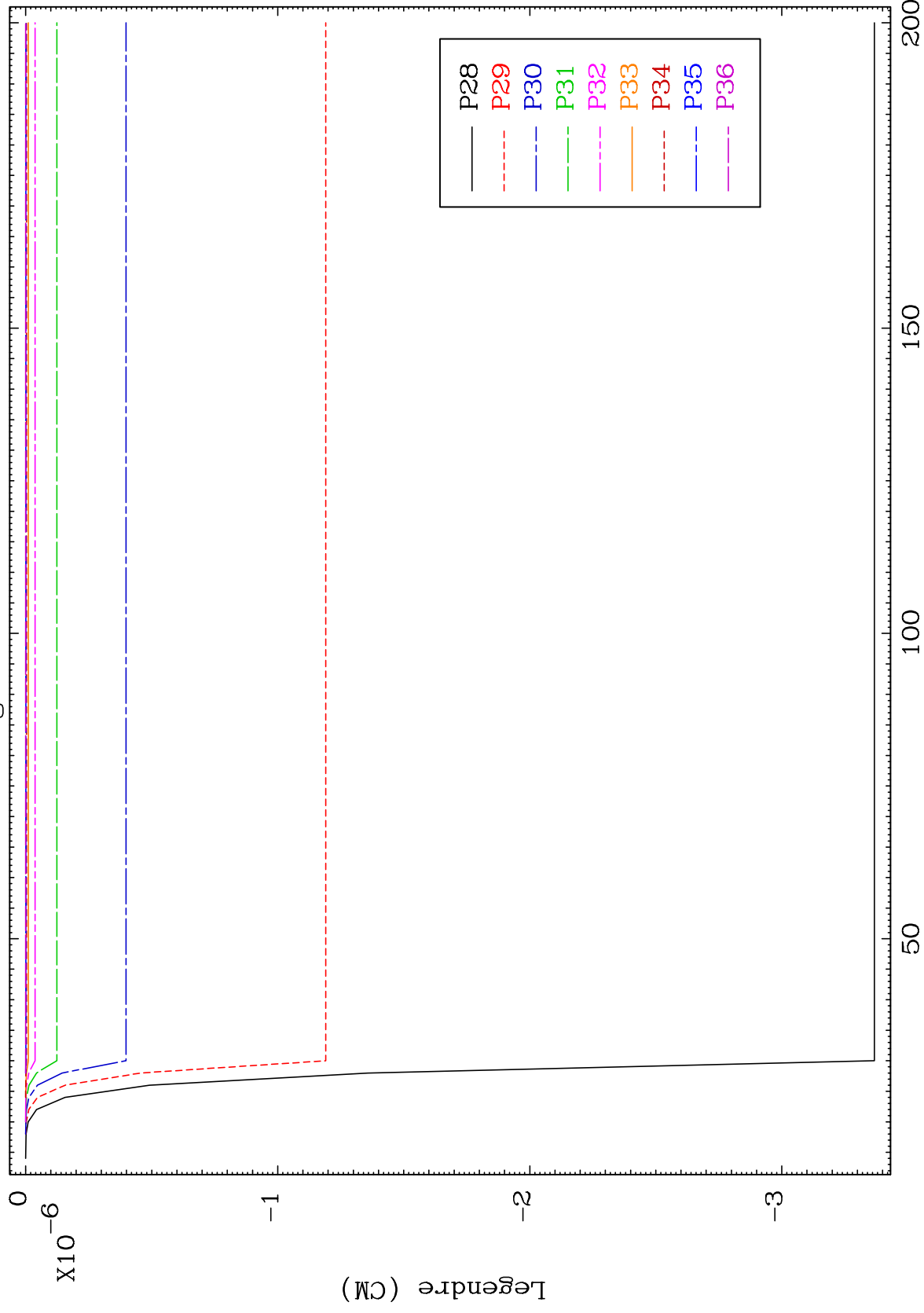
Incident Energy (MeV)

53-I -129

MAT 5331

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

53-I -129



31

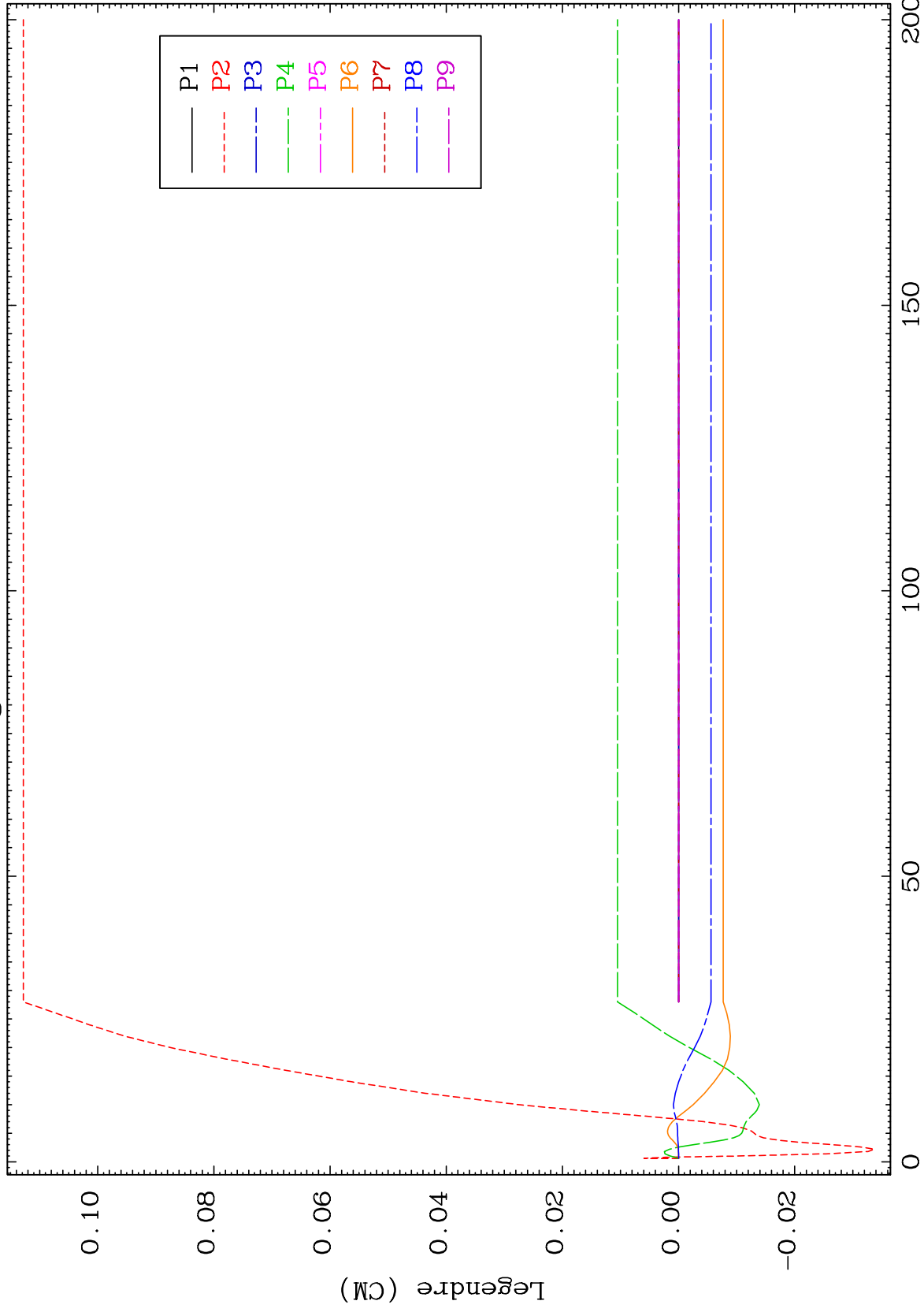
Incident Energy (MeV)

53-I -129

MAT 5331

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

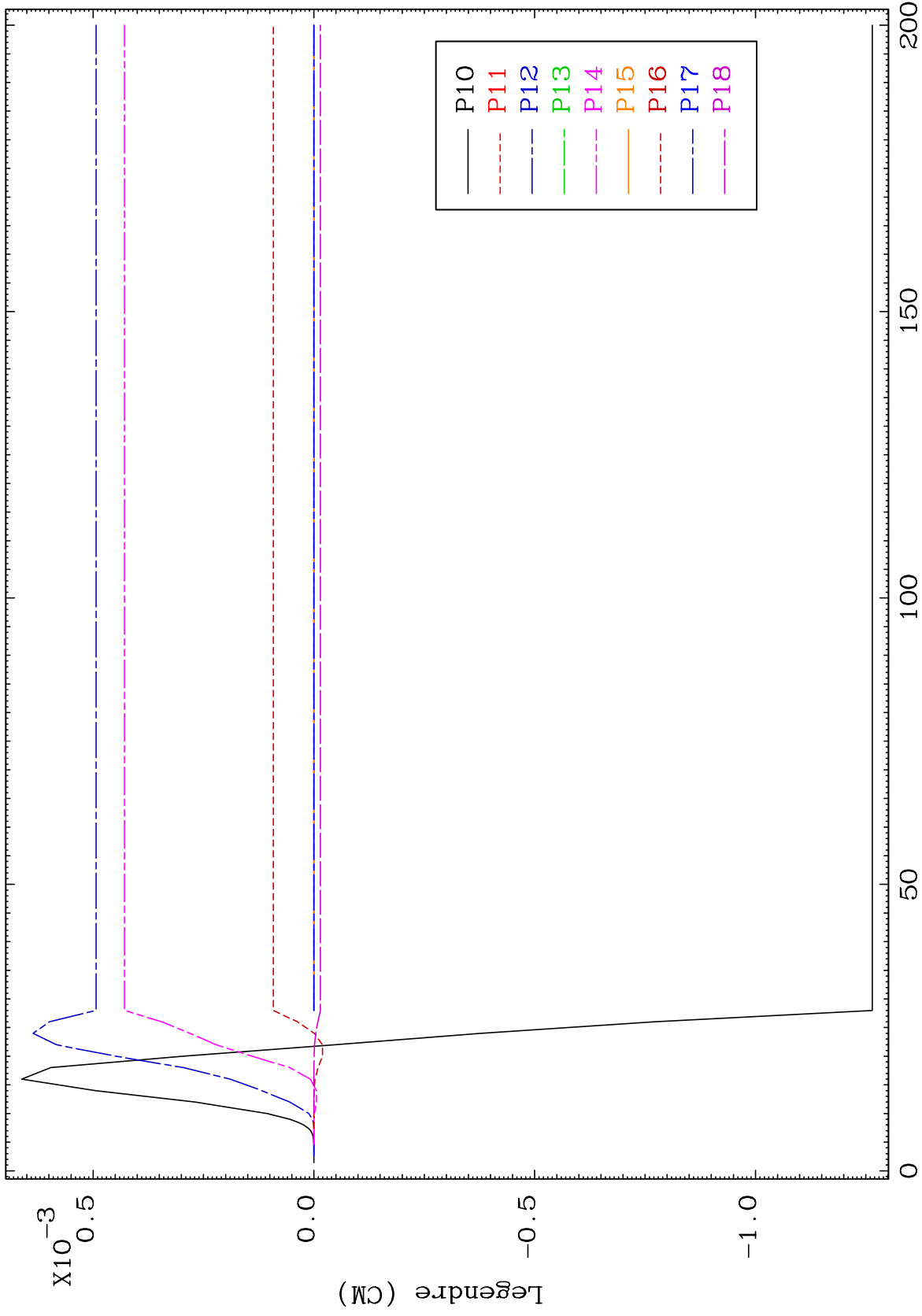
53-I -129



53-I -129

Incident Energy (MeV)

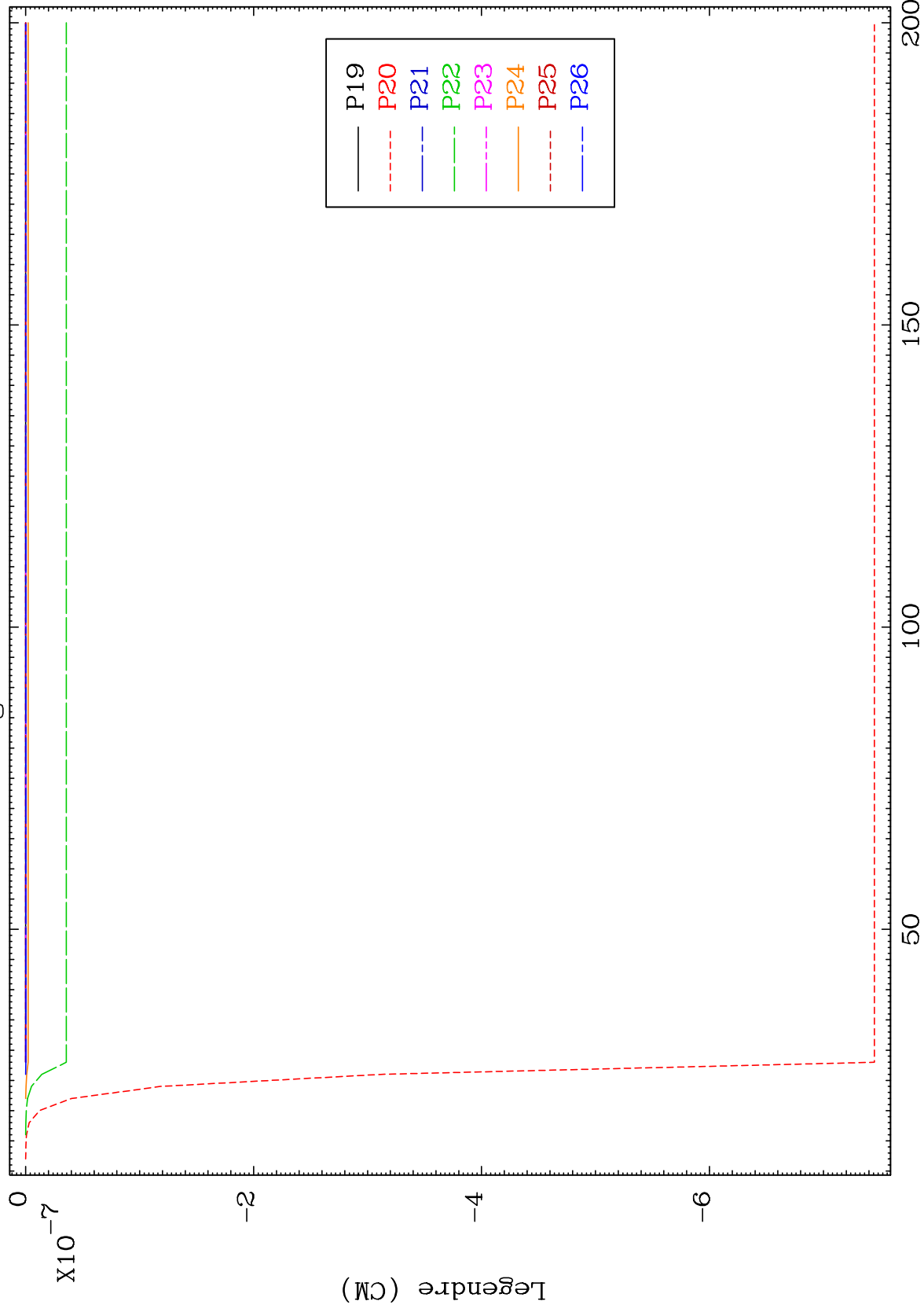
32



MAT 5331

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

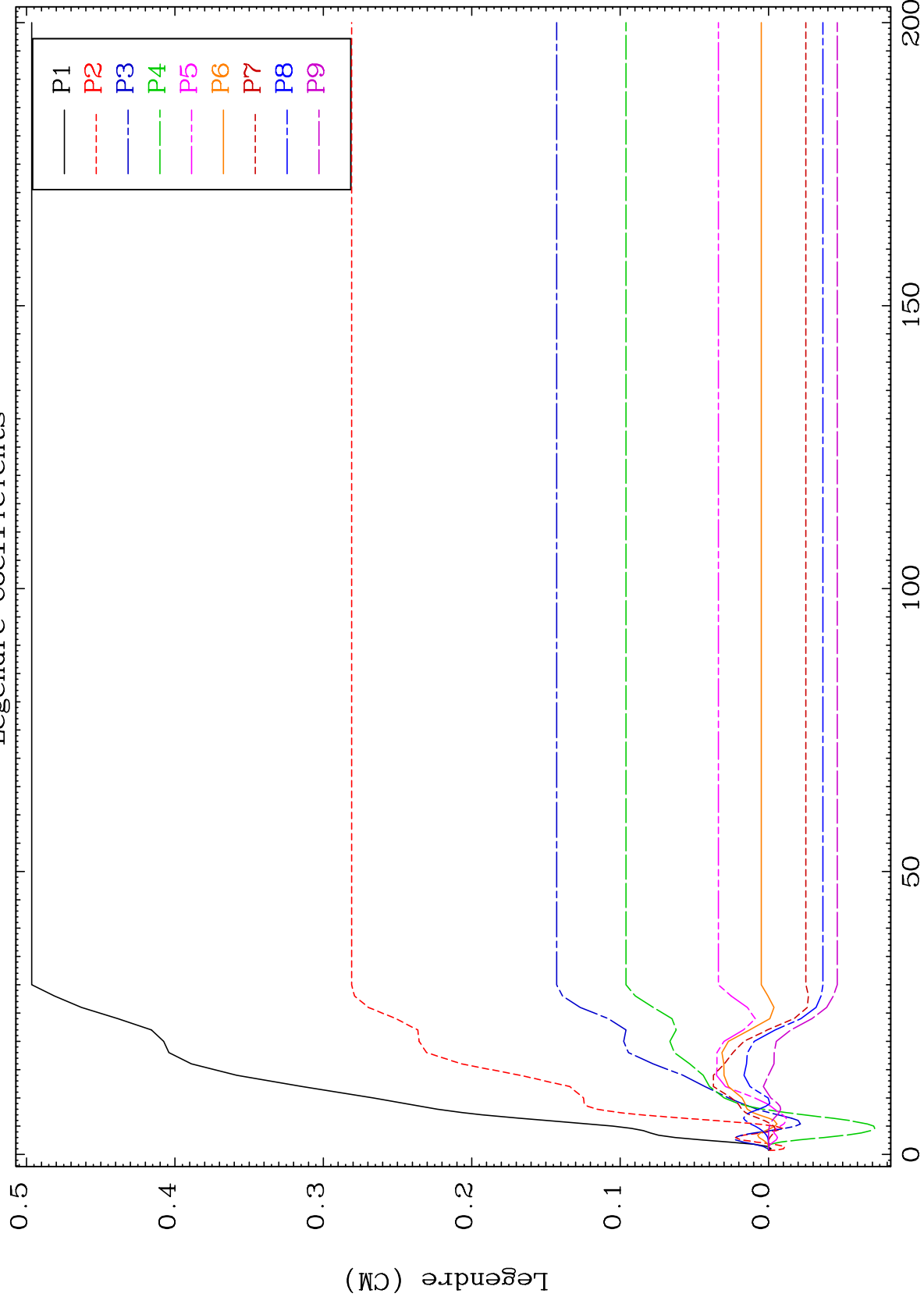
53-I -129



34

Incident Energy (MeV)

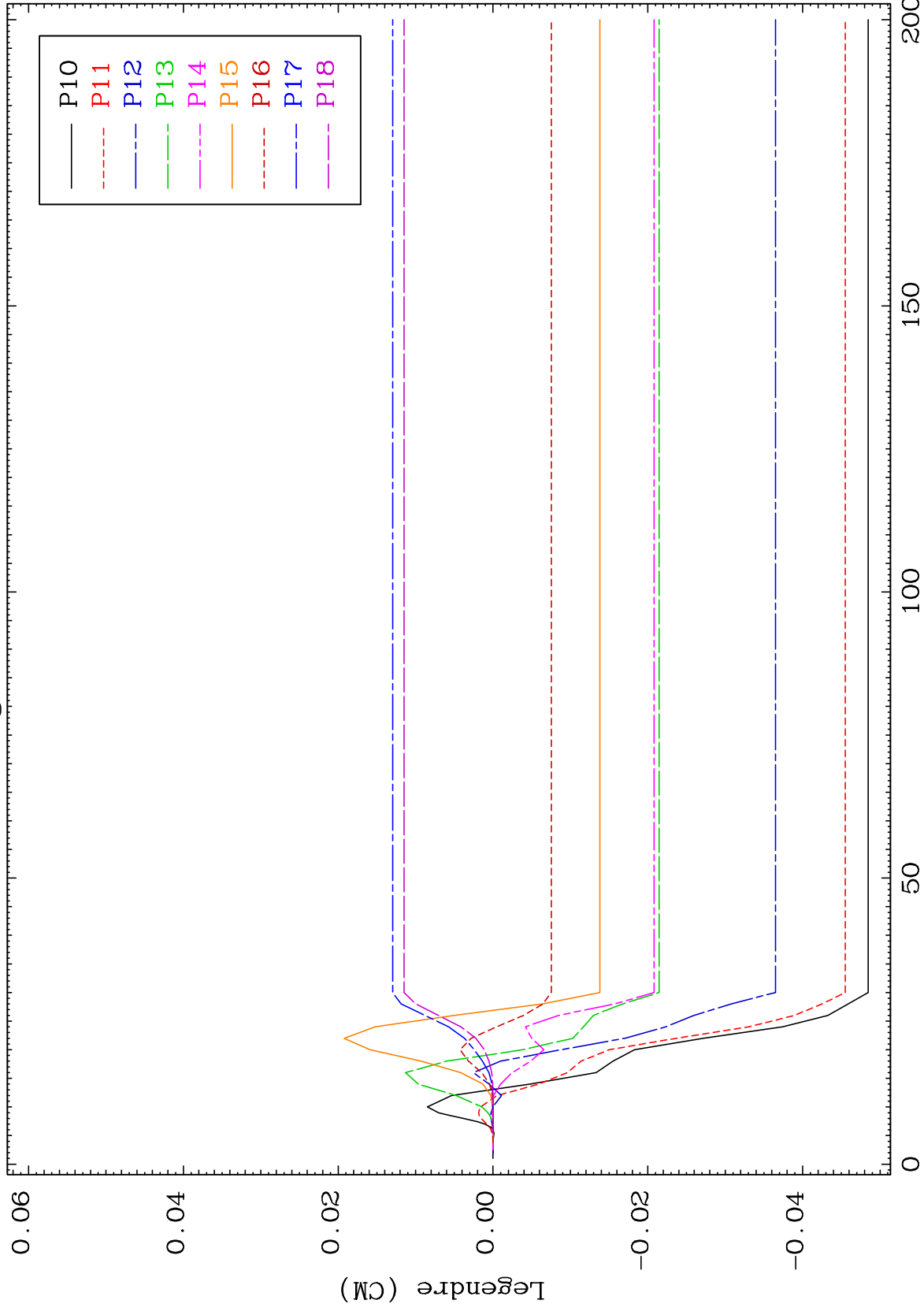
53-I -129



MAT 5331

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

53-I -129



36

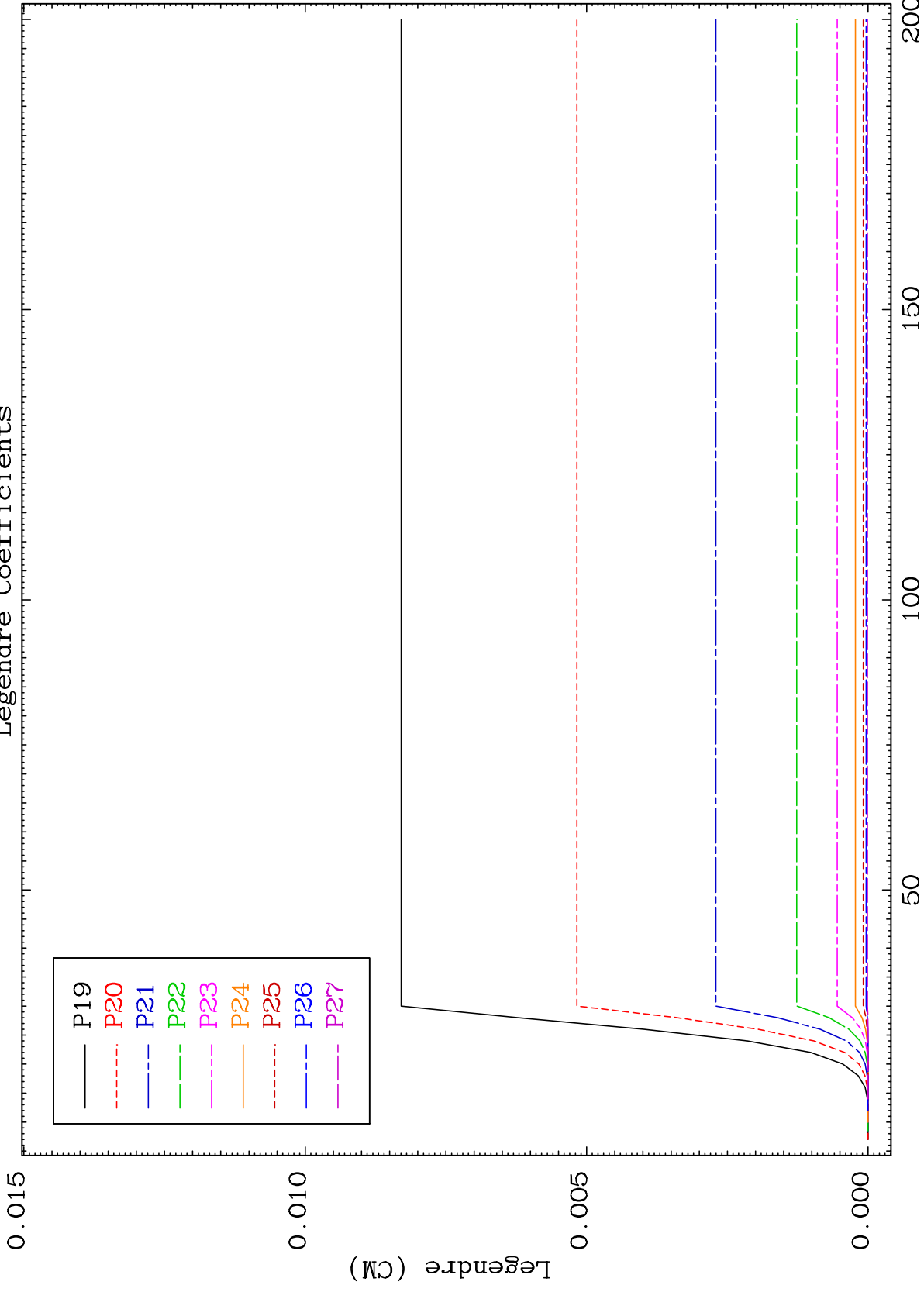
Incident Energy (MeV)

53-I -129

MAT 5331

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

53-I -129



37

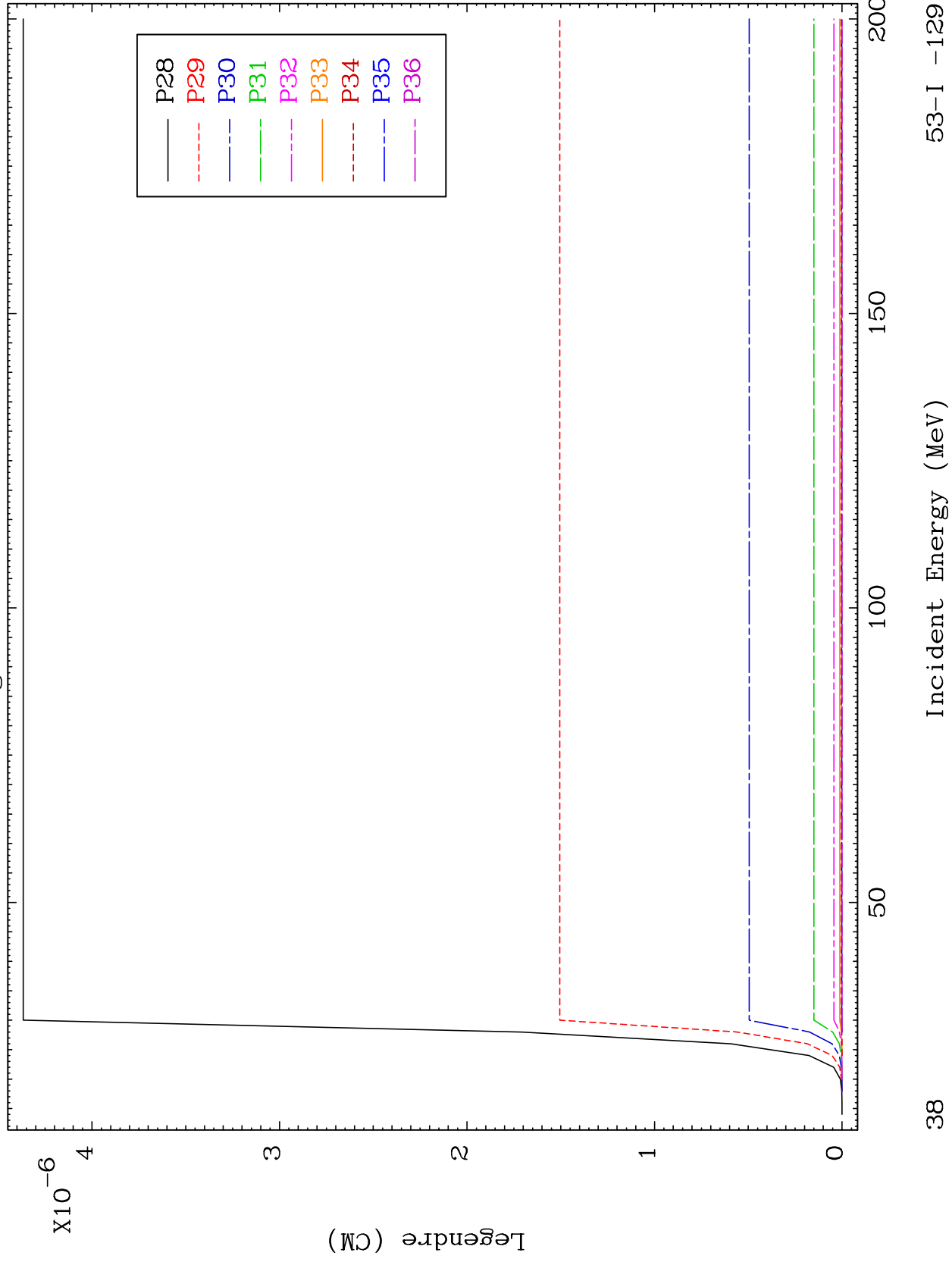
Incident Energy (MeV)

53-I -129

MAT 5331

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

53-I -129



38

Incident Energy (MeV)

53-I -129

200

150

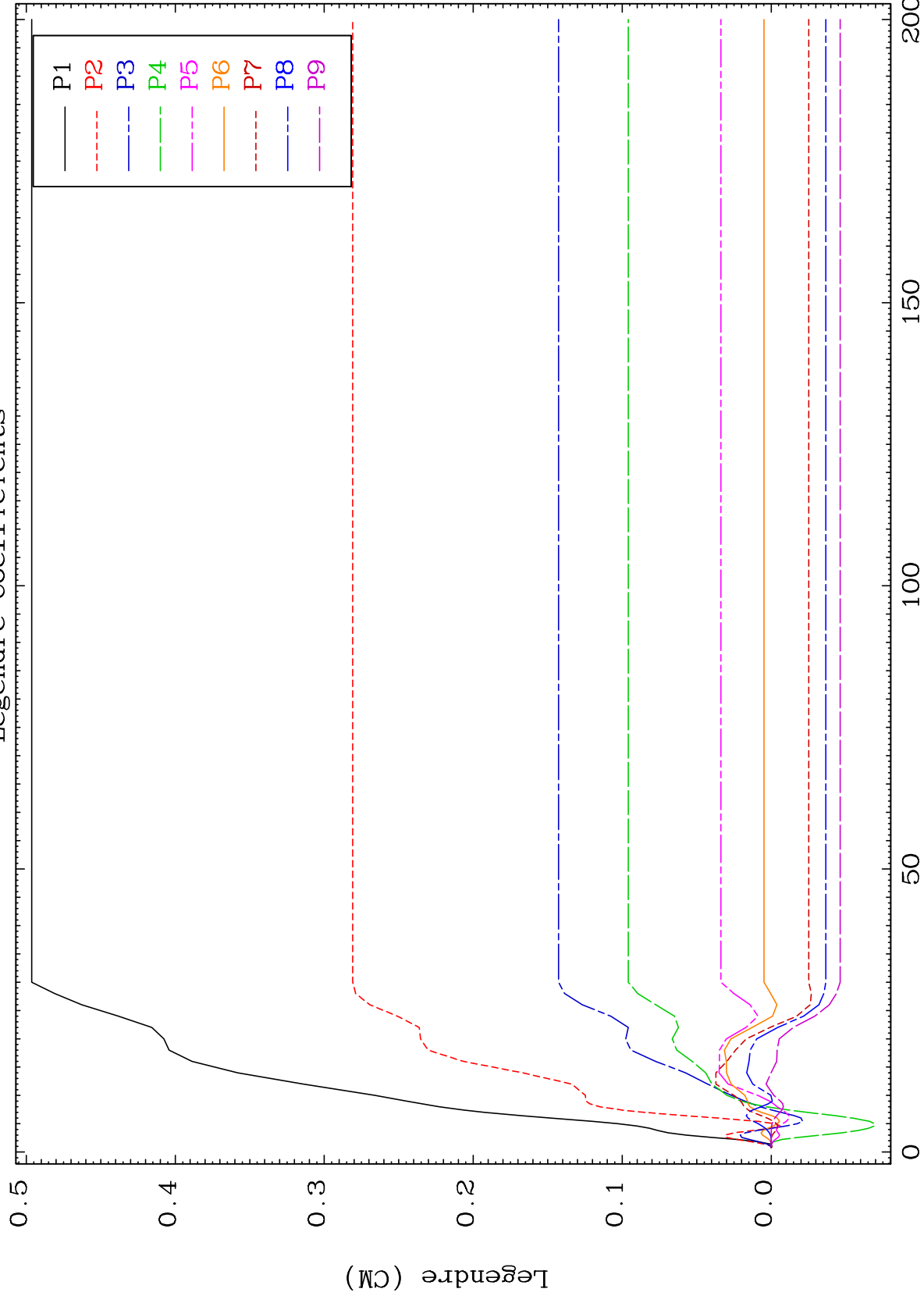
100

50

MAT 5331

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

53-I -129



53-I -129

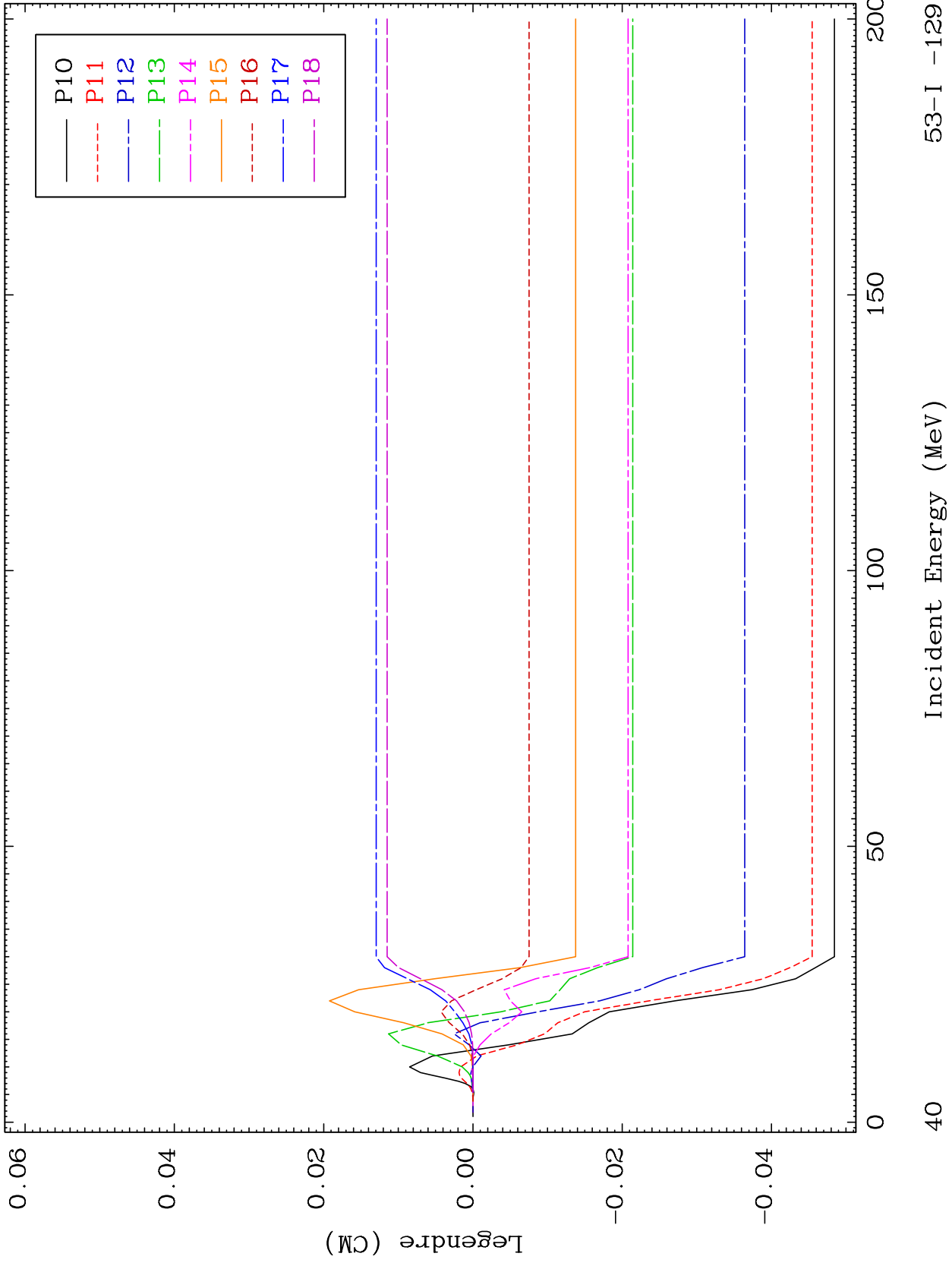
Incident Energy (MeV)

39

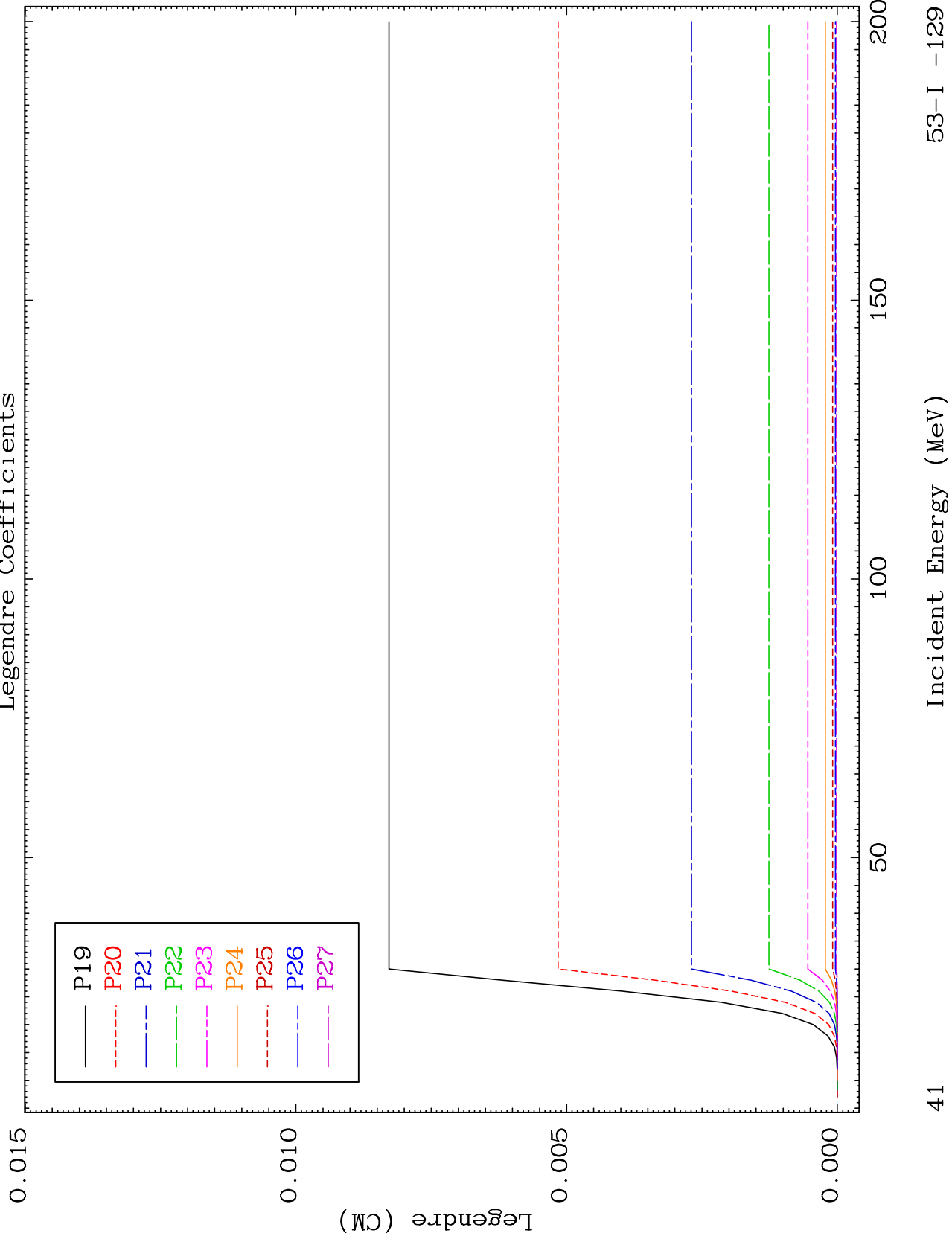
MAT 5331

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

53-I -129



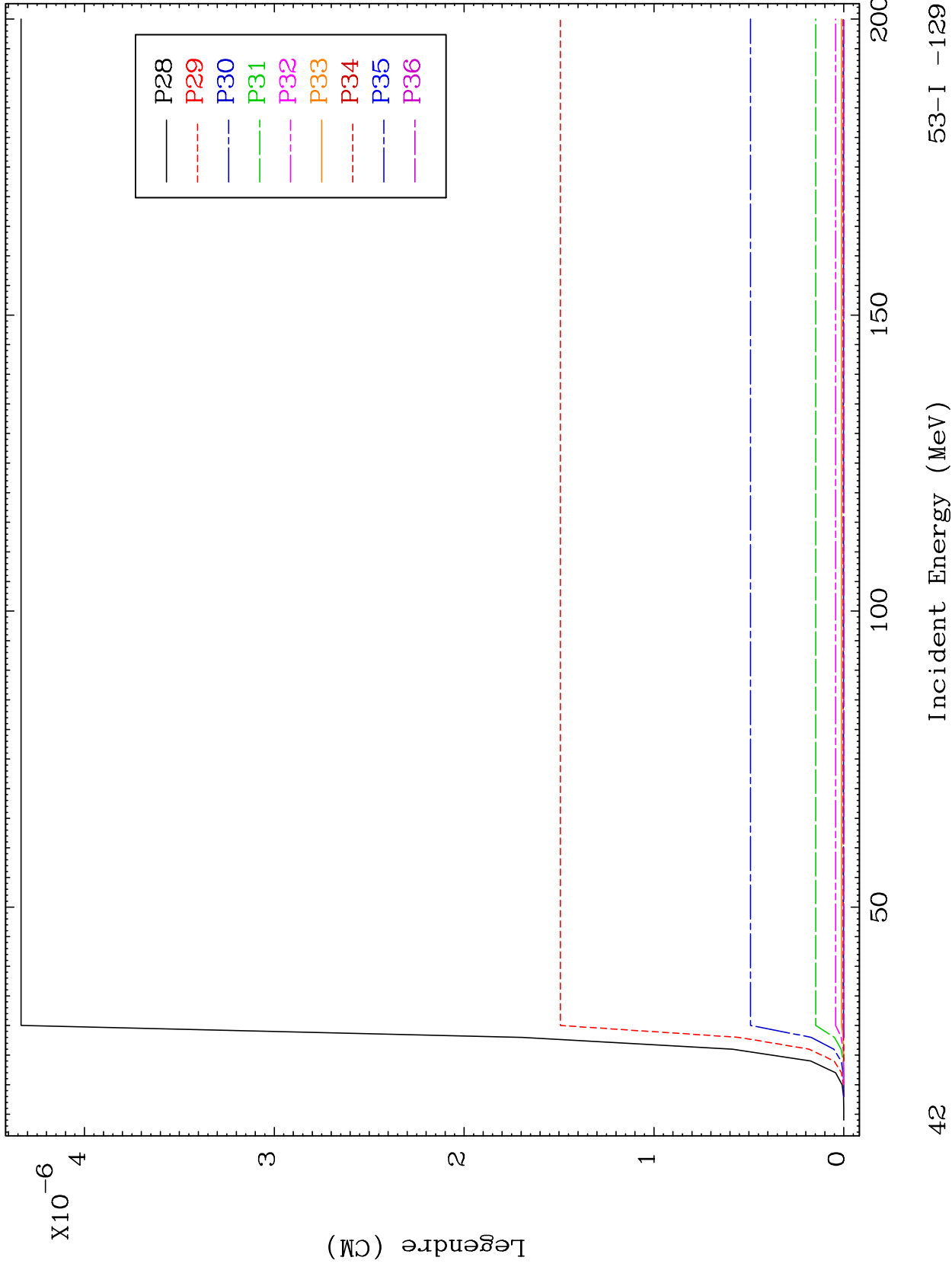
53-I -129



MAT 5331

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

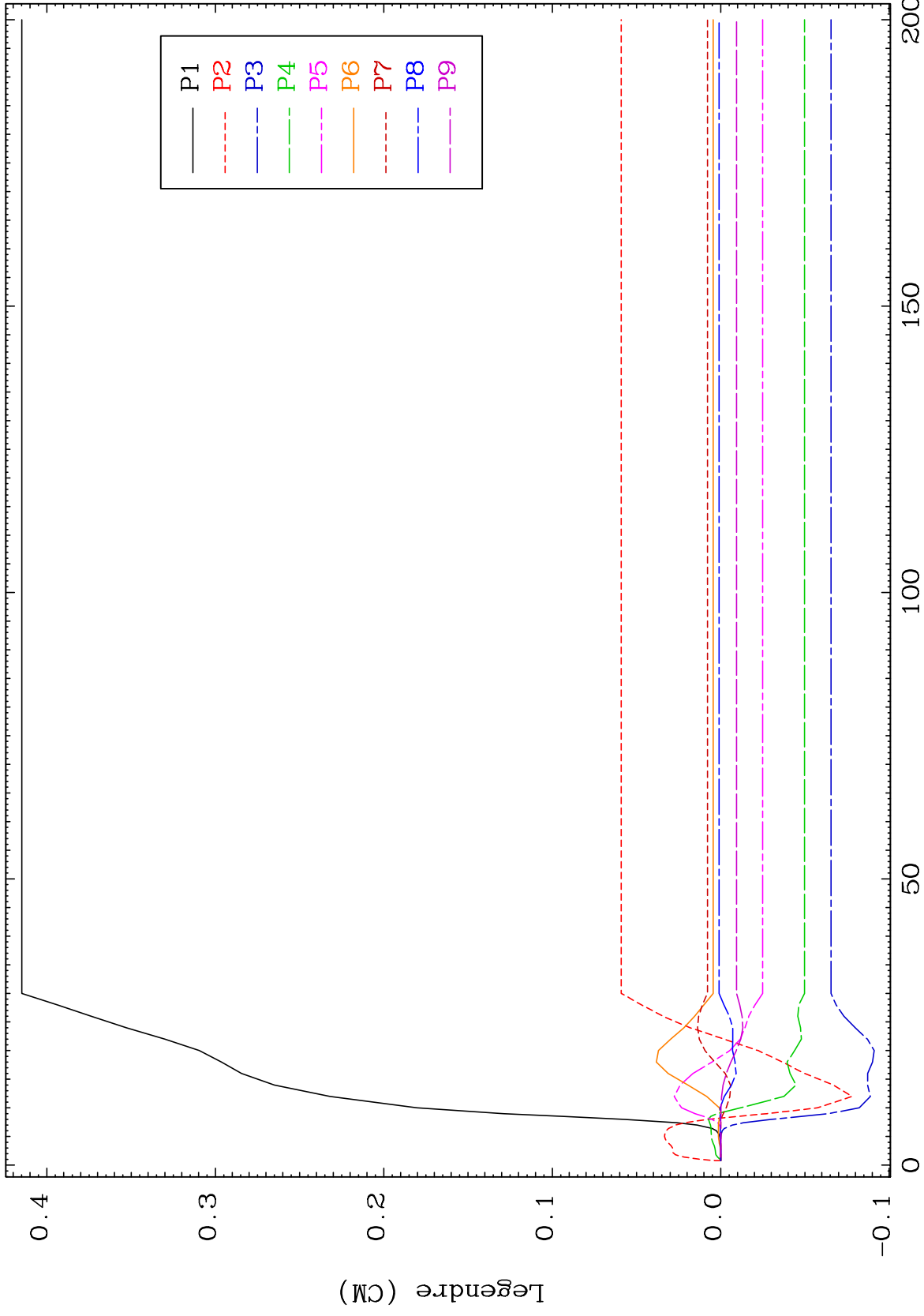
53-I -129



42

Incident Energy (MeV)

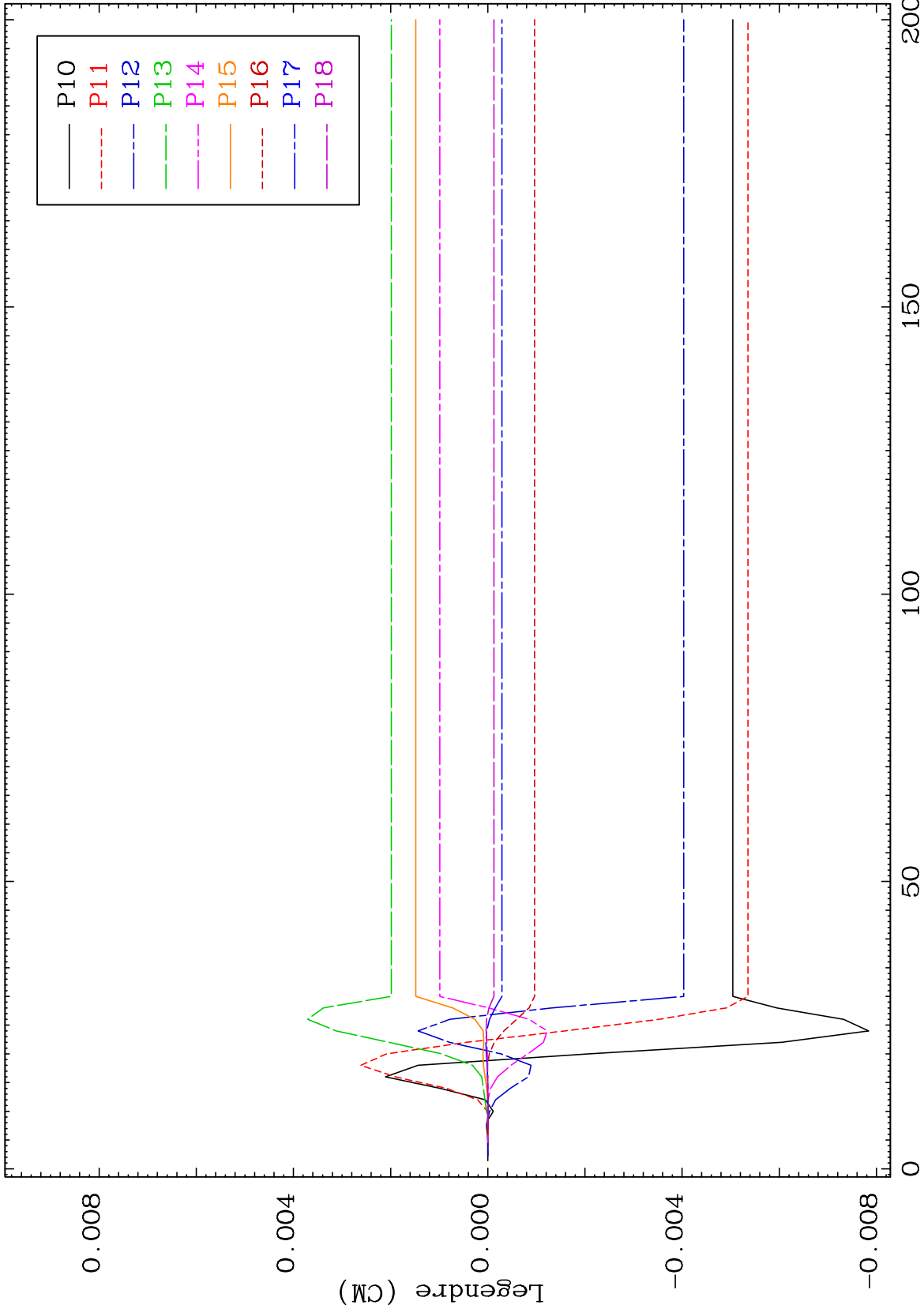
53-I -129



MAT 5331

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

53-I -129



44

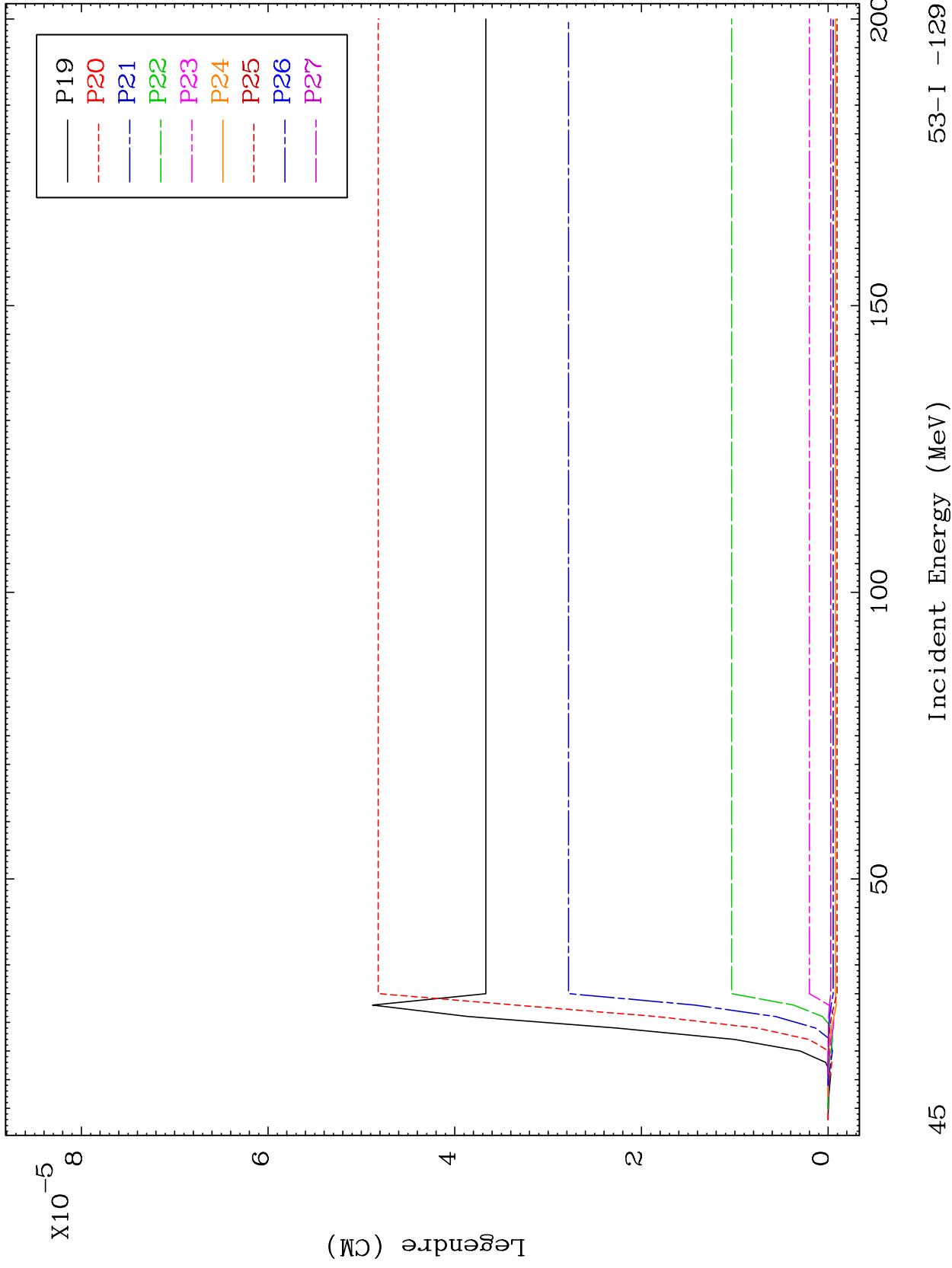
Incident Energy (MeV)

53-I -129

MAT 5331

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

53-I -129

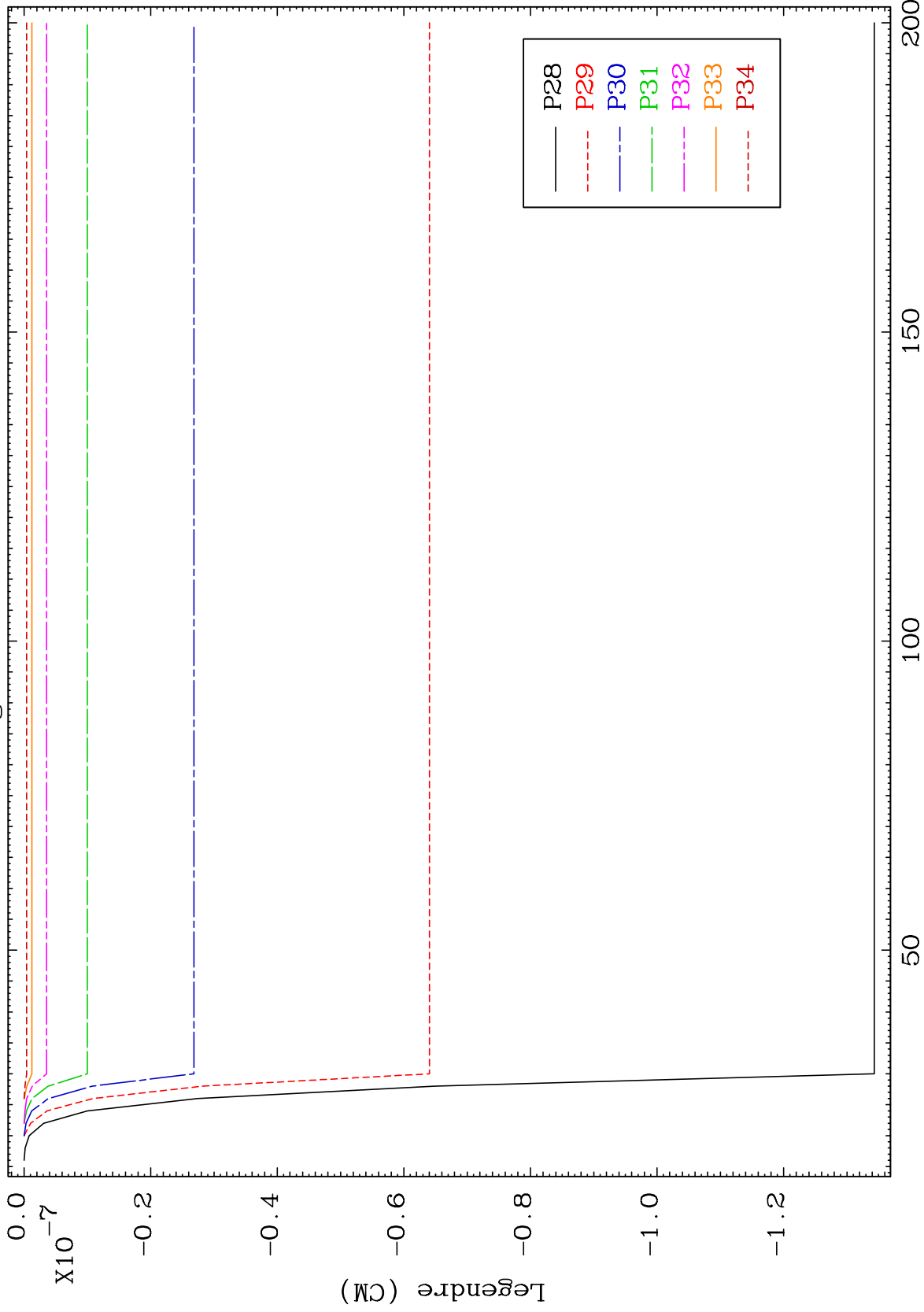


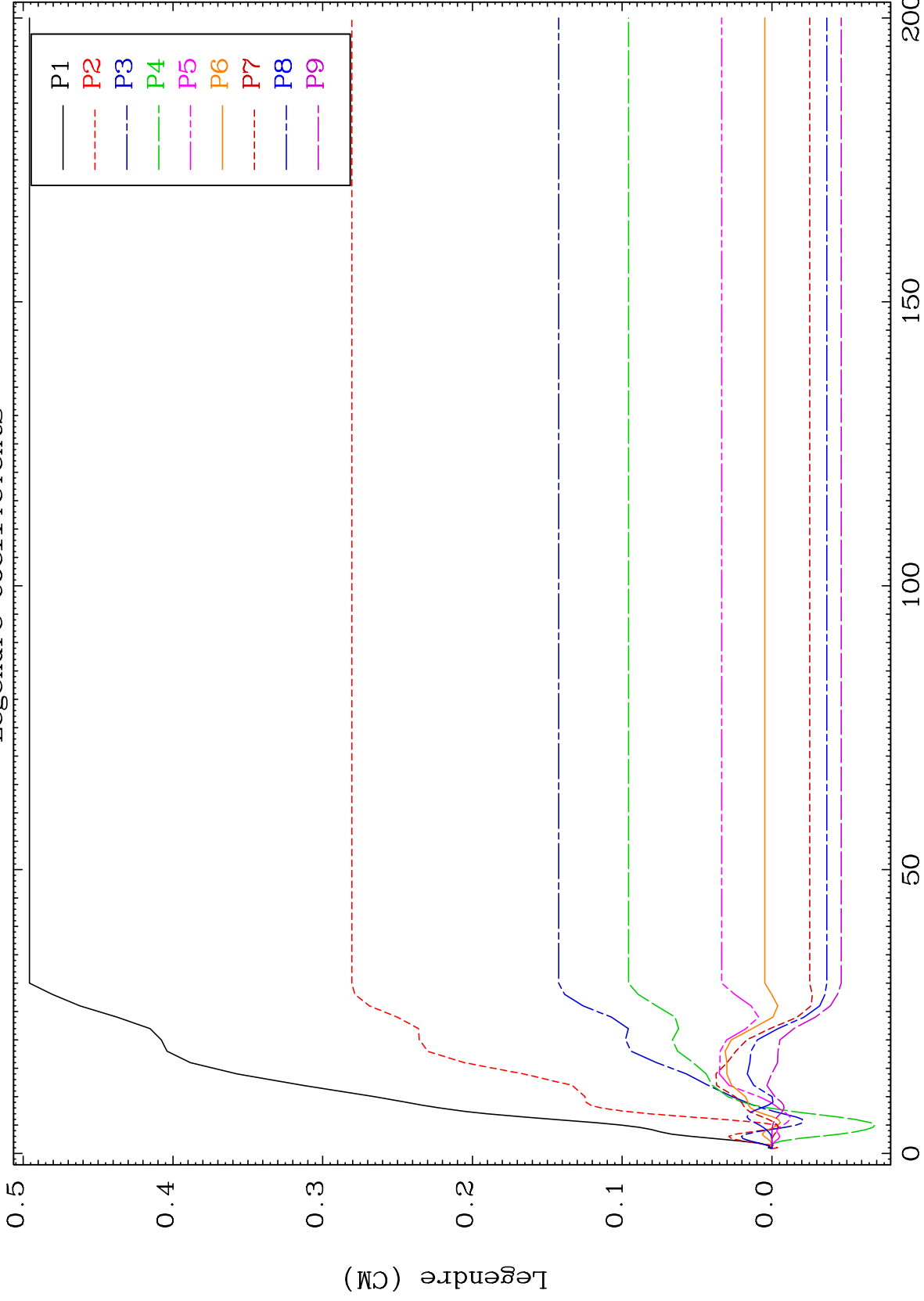
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Incident Energy (MeV)

53-I -129

Legendre Coefficients

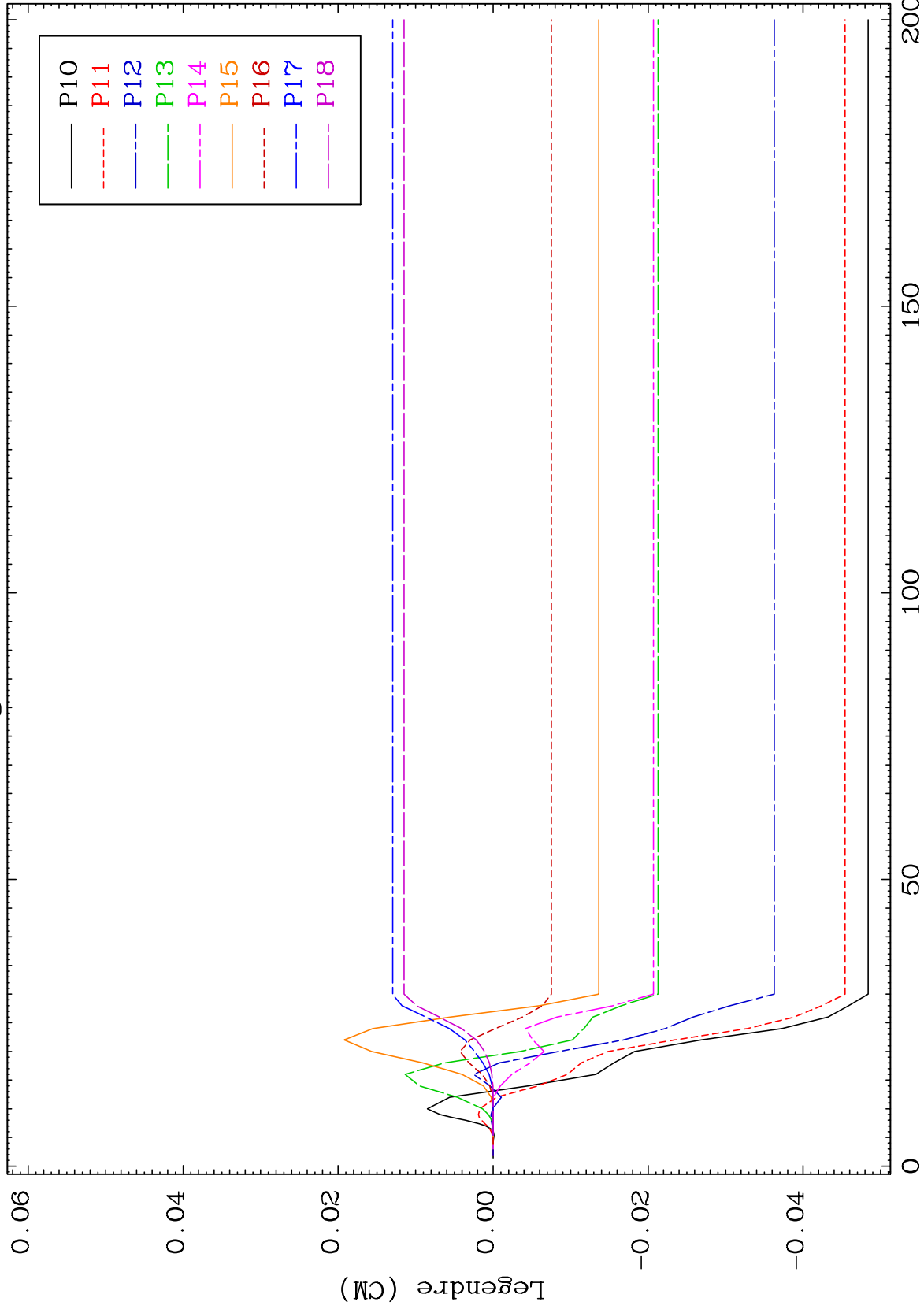




MAT 5331

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

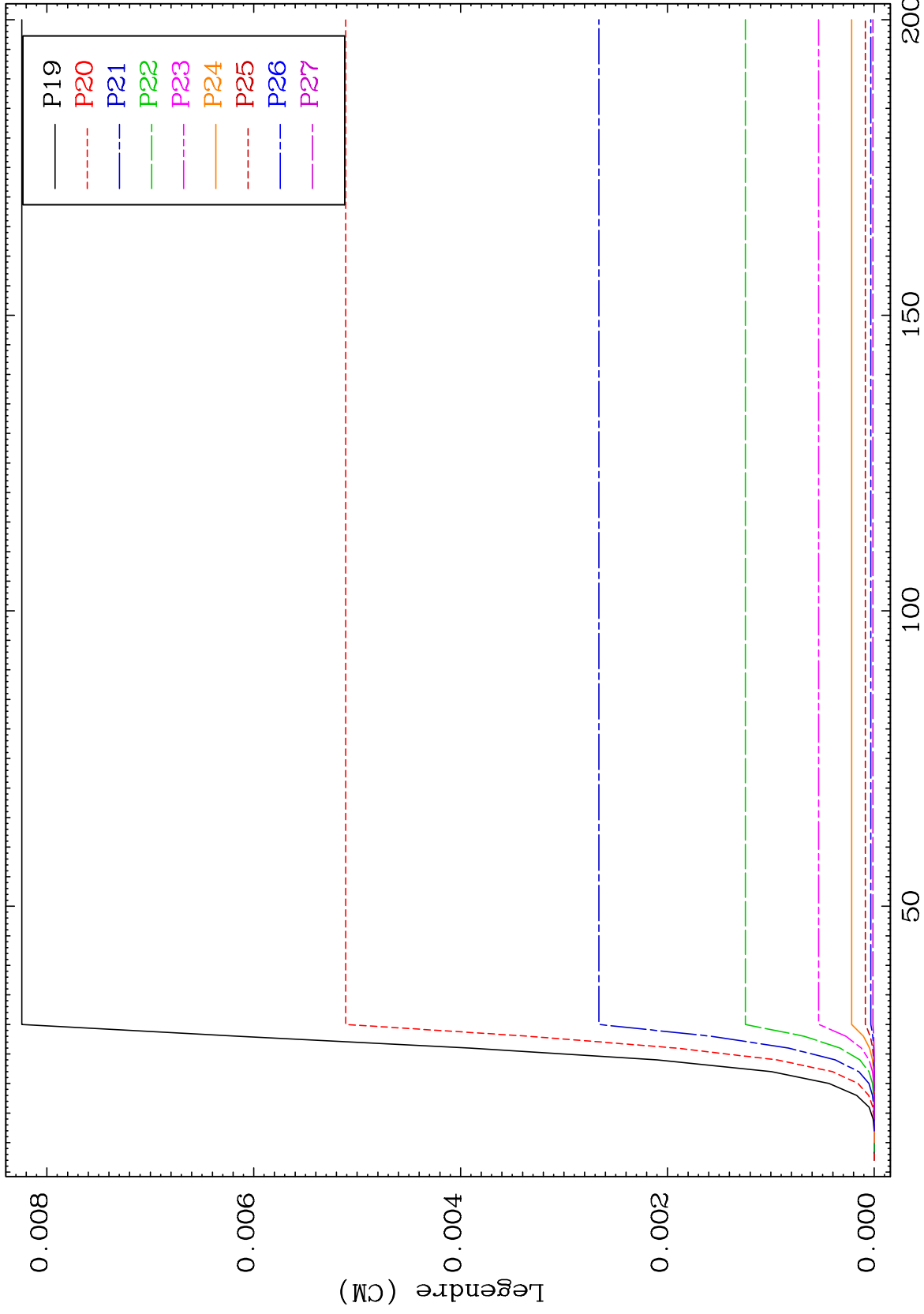
53-I -129



48

Incident Energy (MeV)

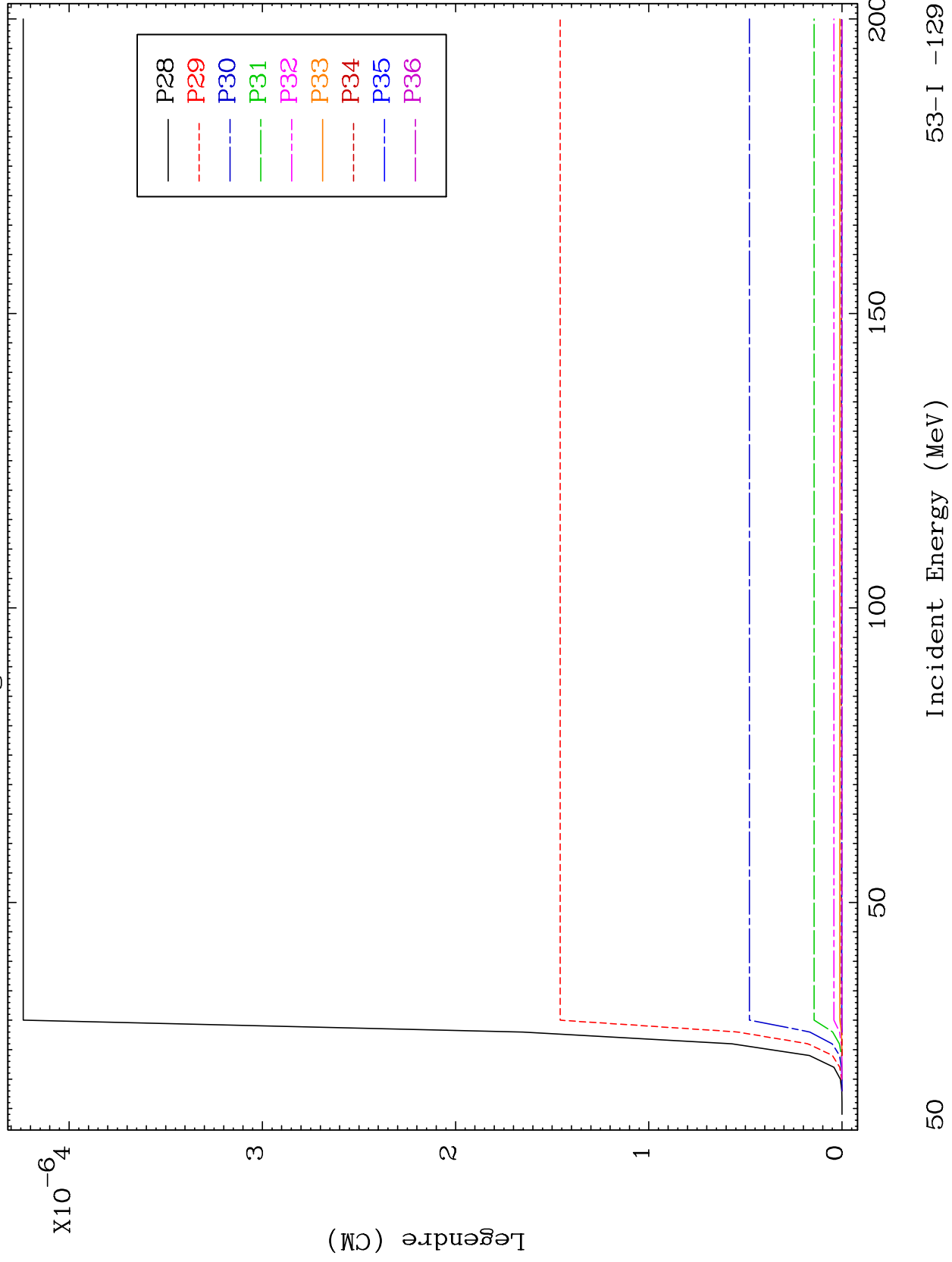
53-I -129



MAT 5331

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

53-I -129



50

50

100

150

200

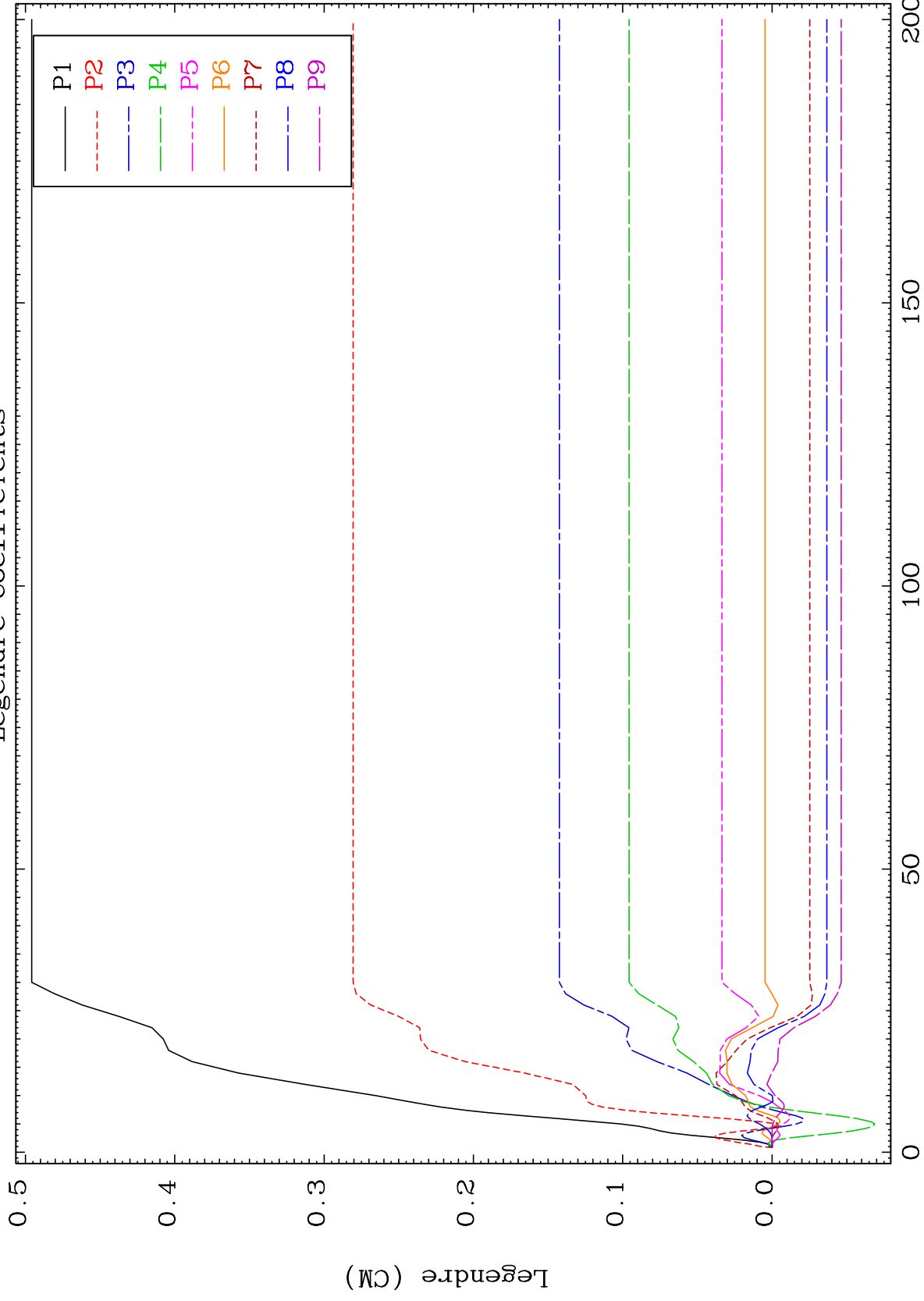
53-I -129

MAT 5331

MT= 59 (n,n') Level

53-I -129

Legendre Coefficients



51

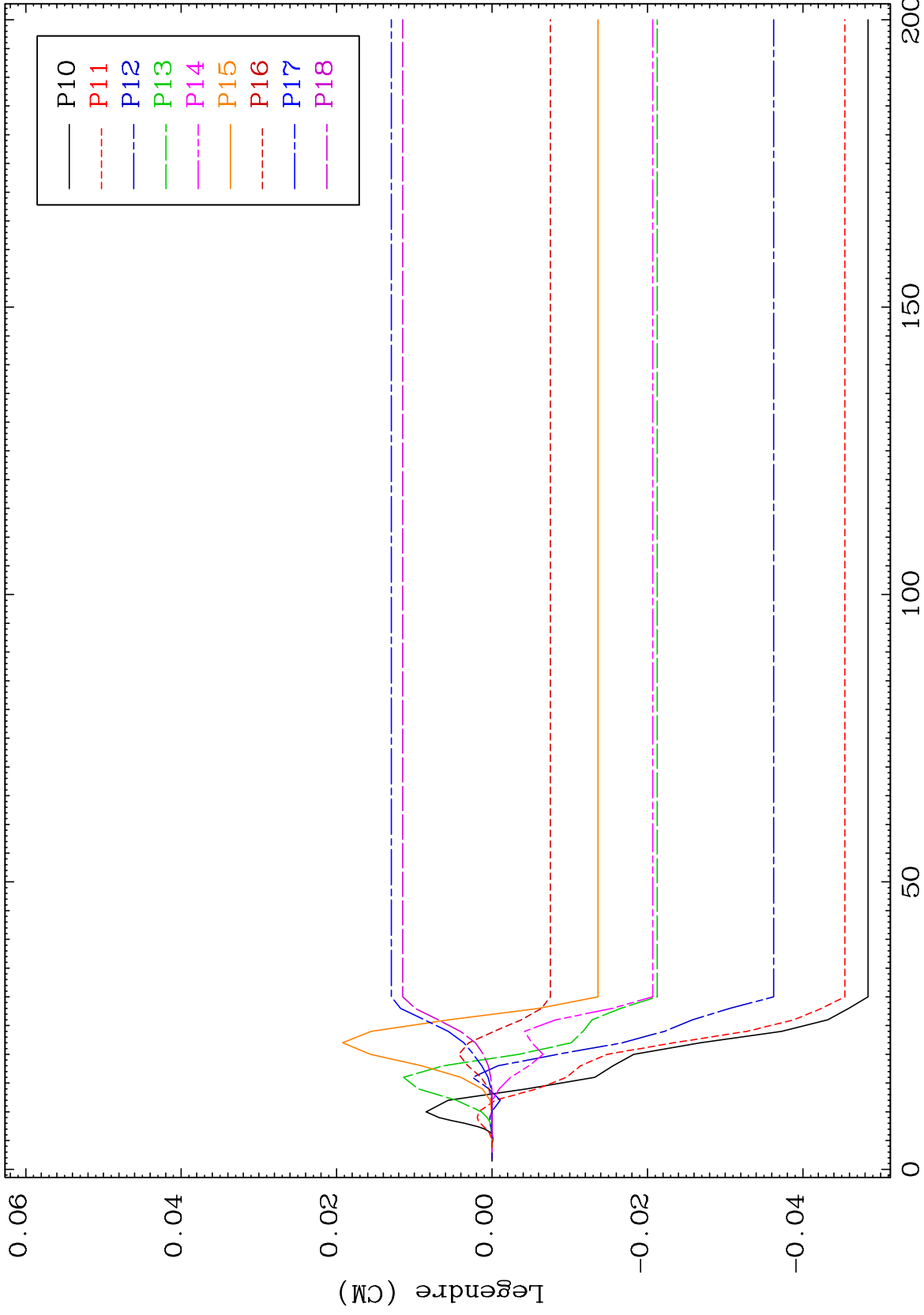
Incident Energy (MeV)

53-I -129

MAT 5331

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

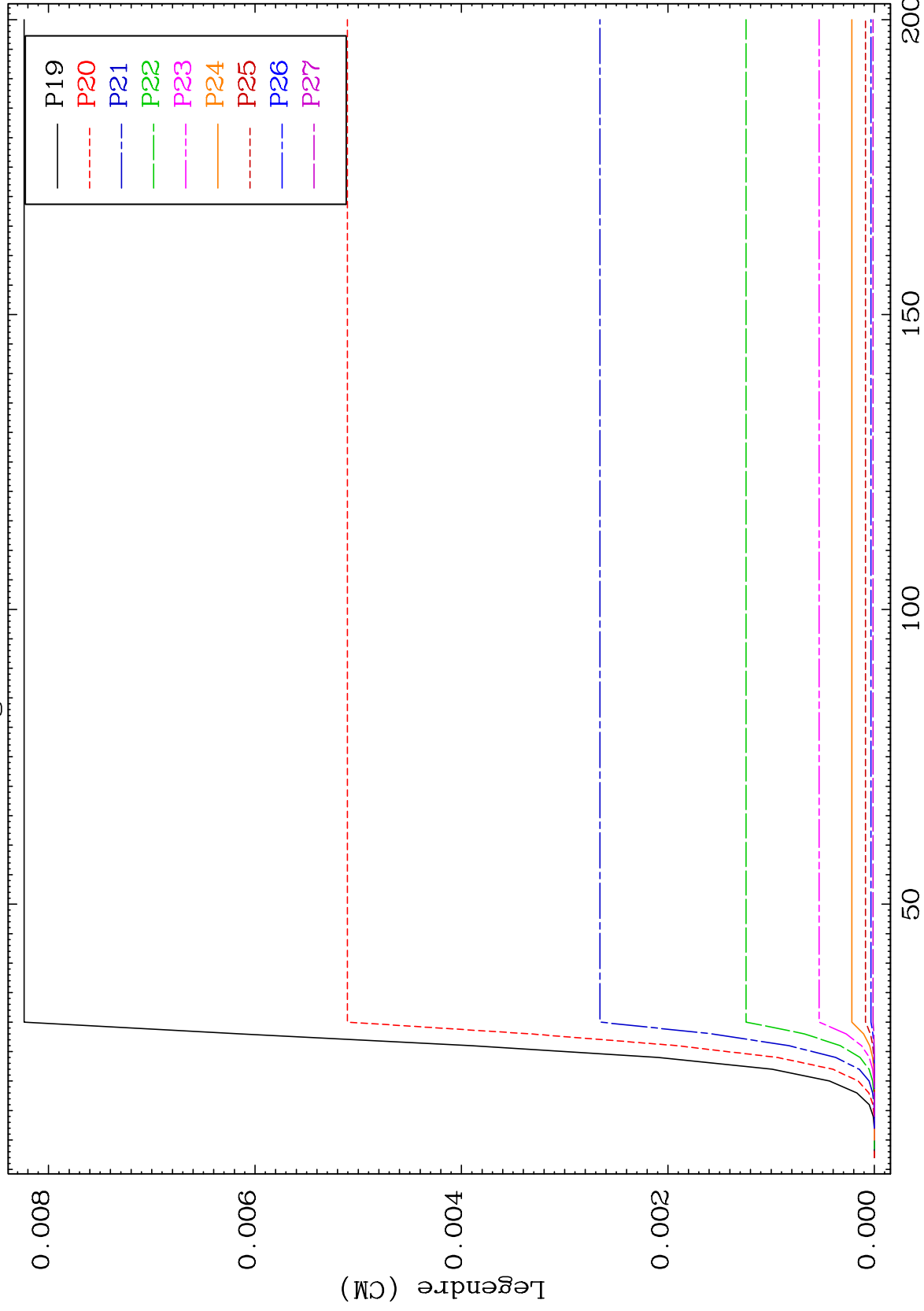
53-I -129

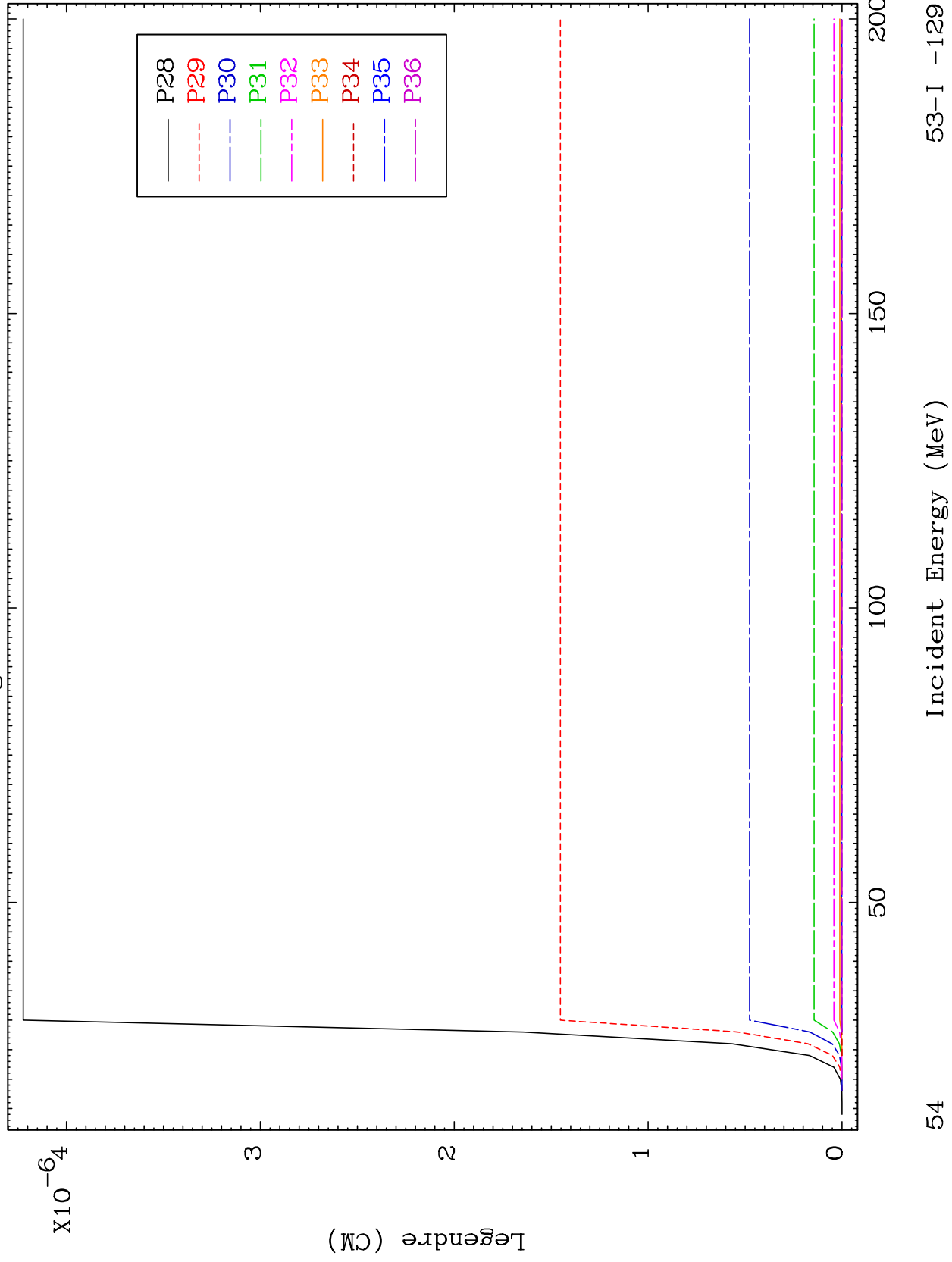


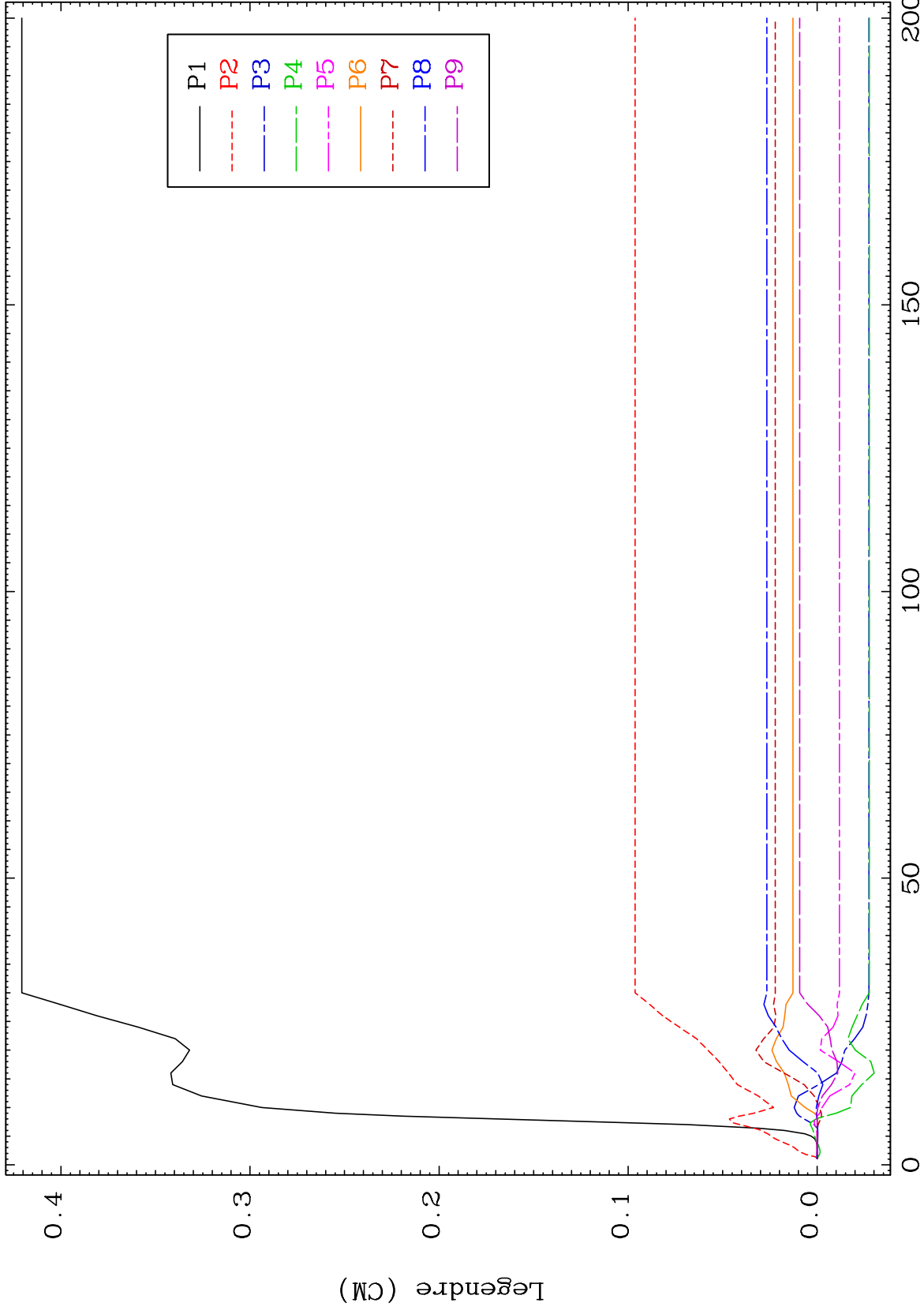
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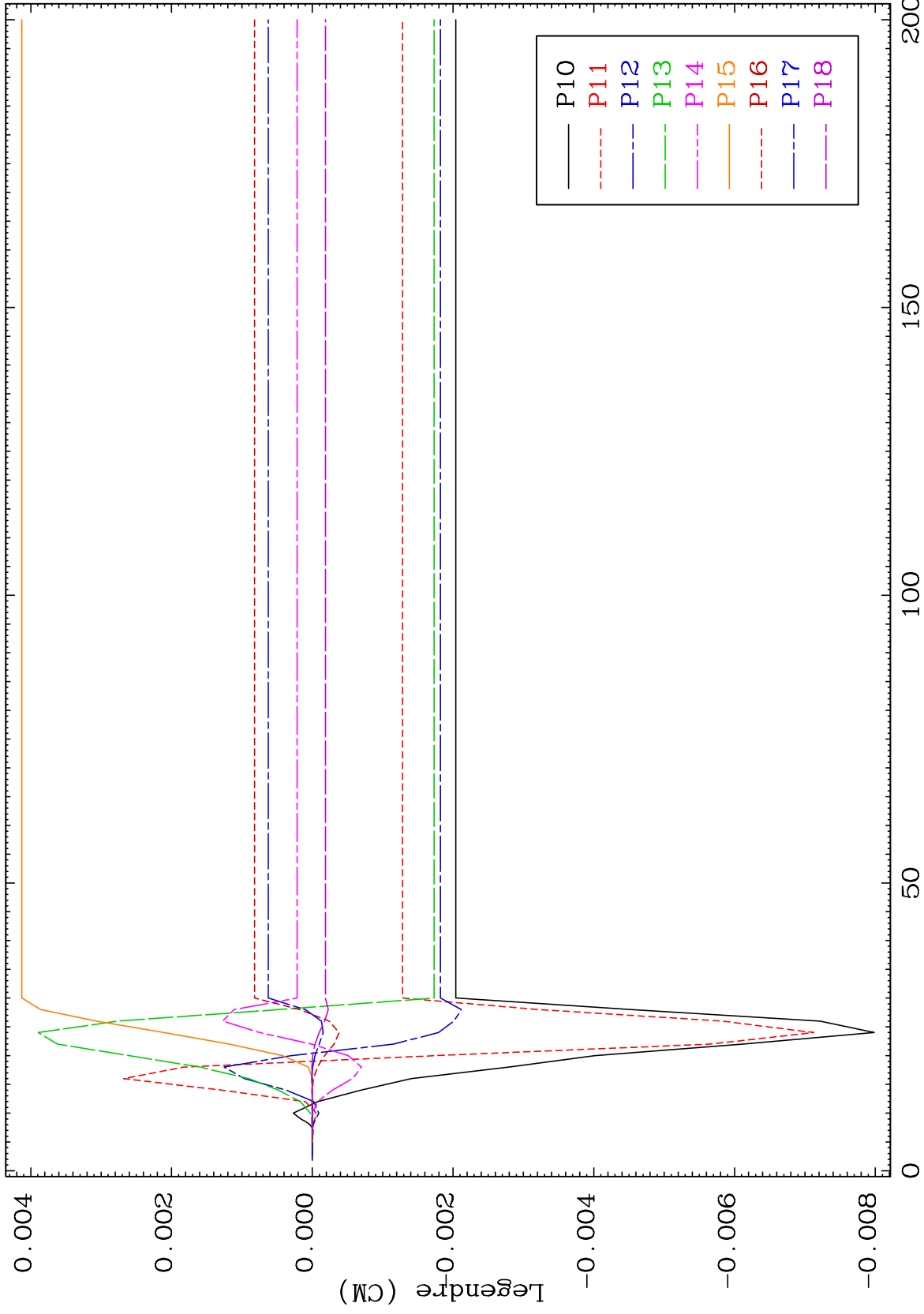
Incident Energy (MeV)

53-I -129







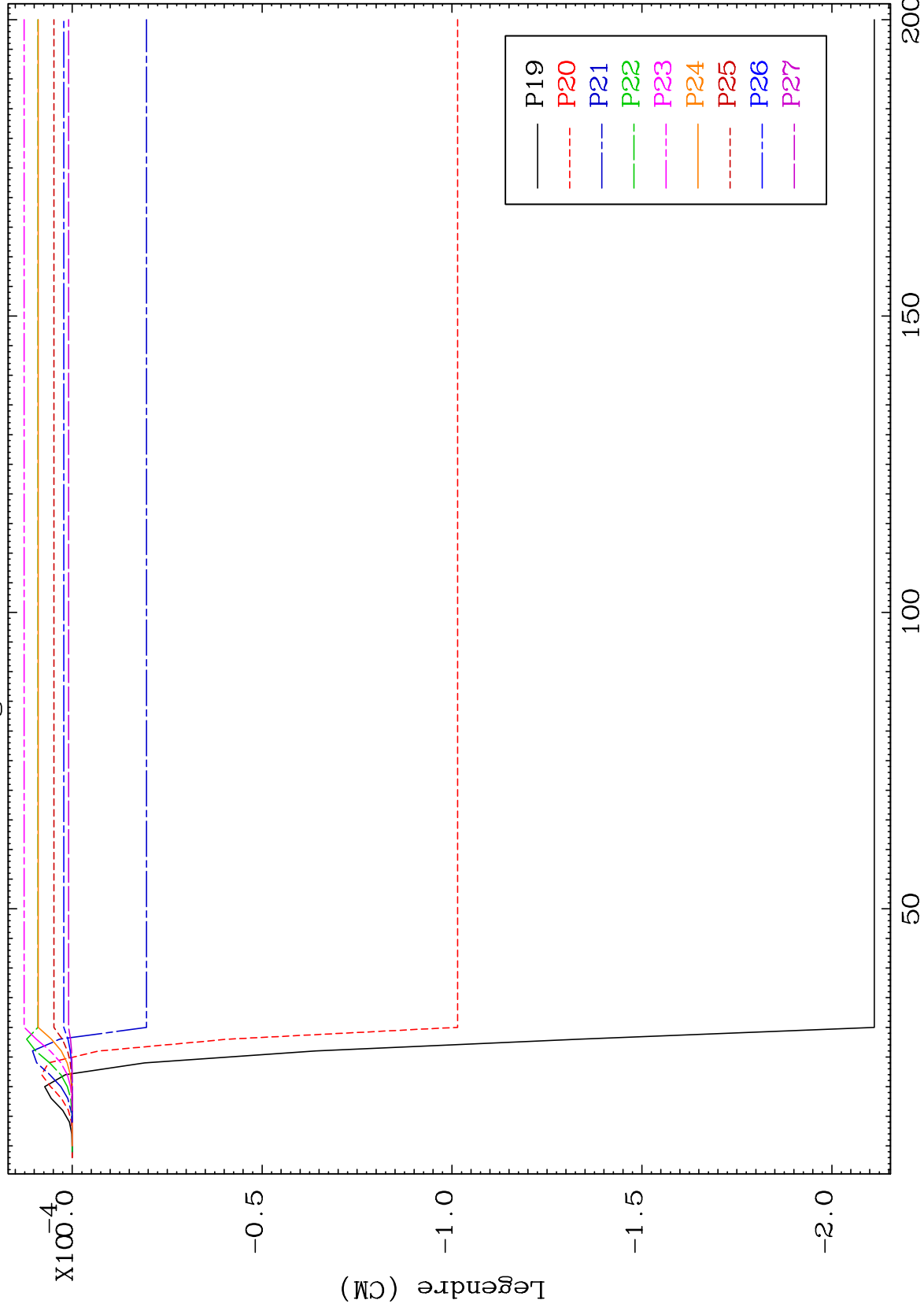


MAT 5331

MT= 60 (n,n') Level

53-I -129

Legendre Coefficients



57

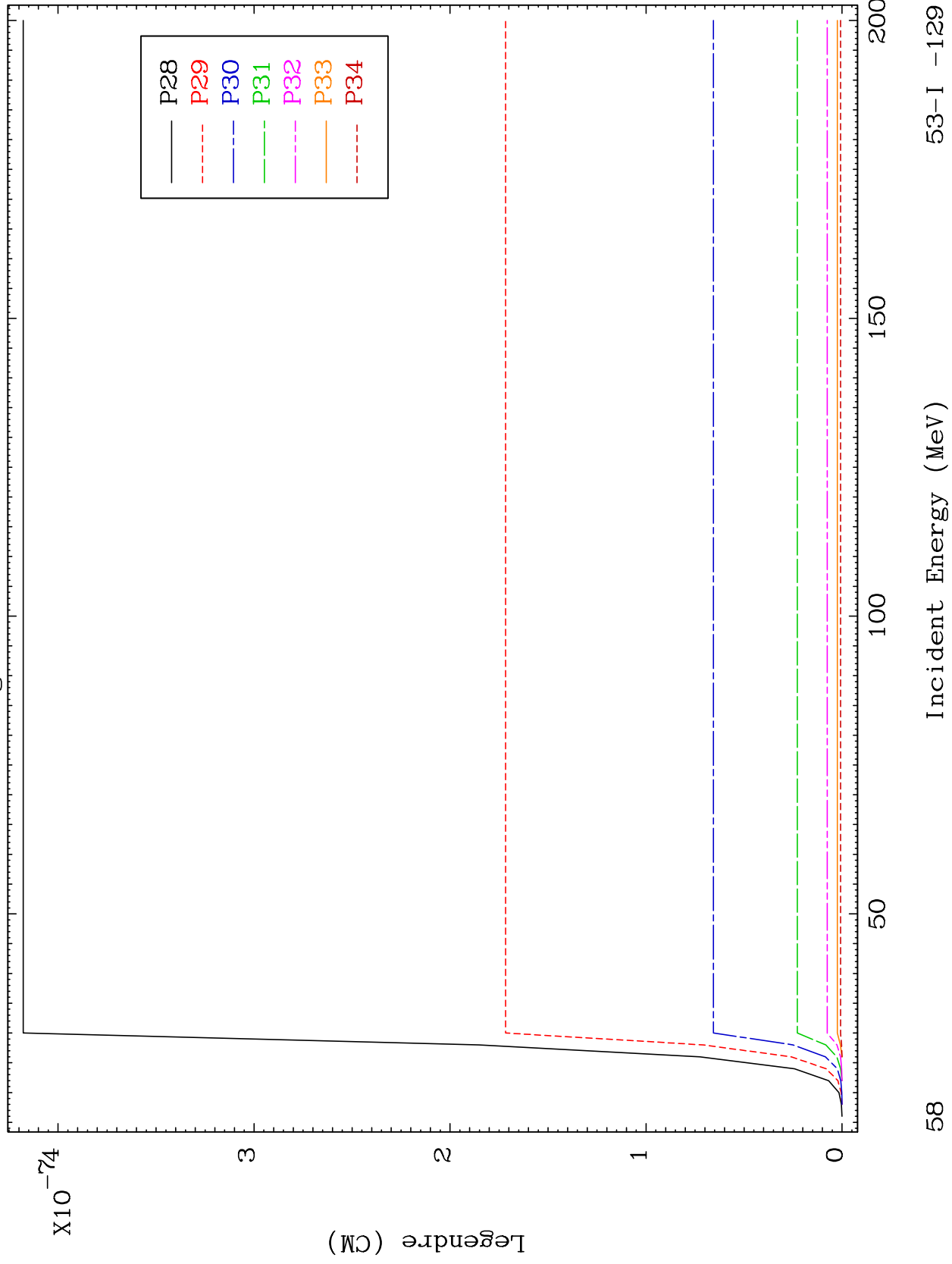
Incident Energy (MeV)

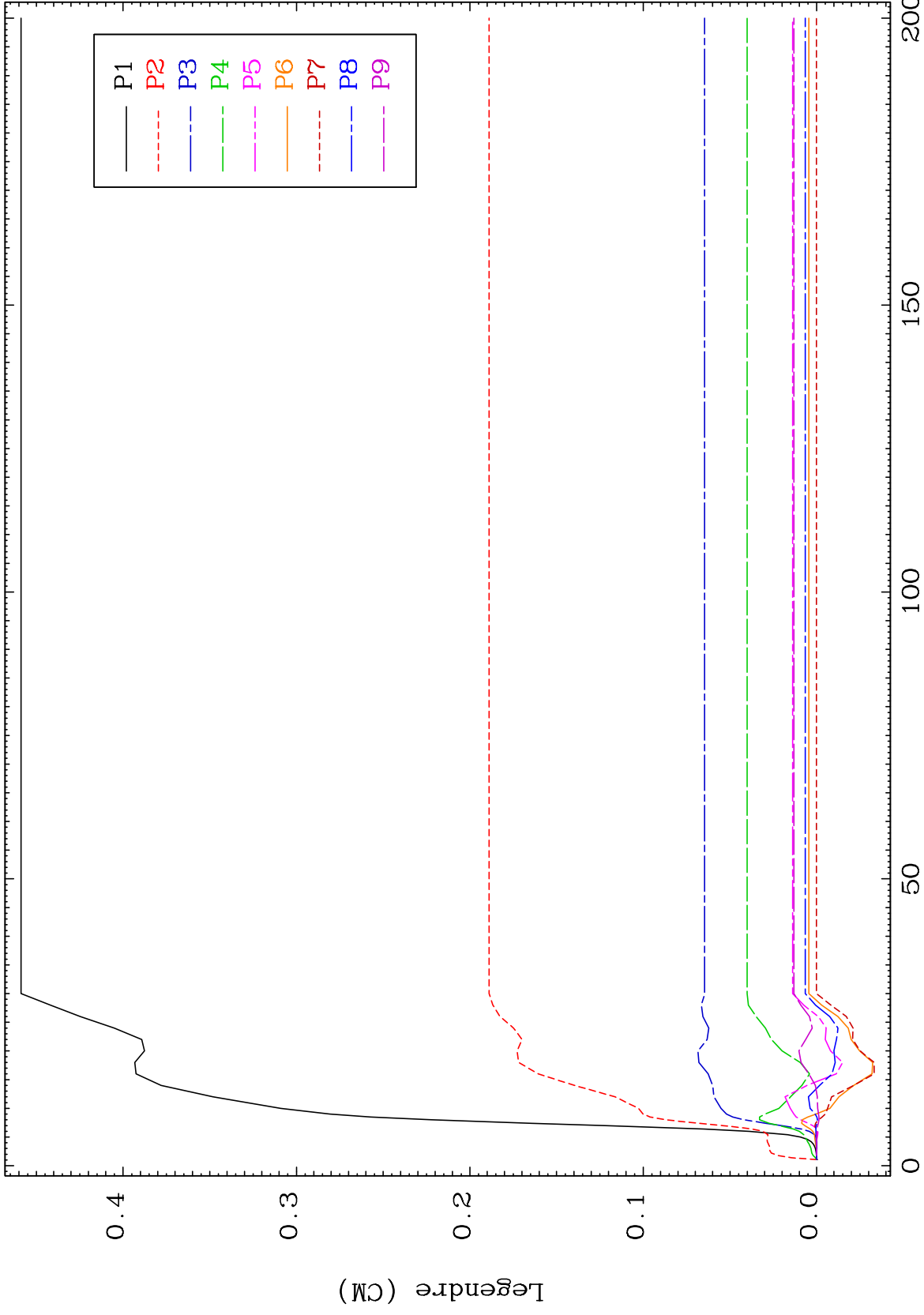
53-I -129

MAT 5331

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

53-I -129

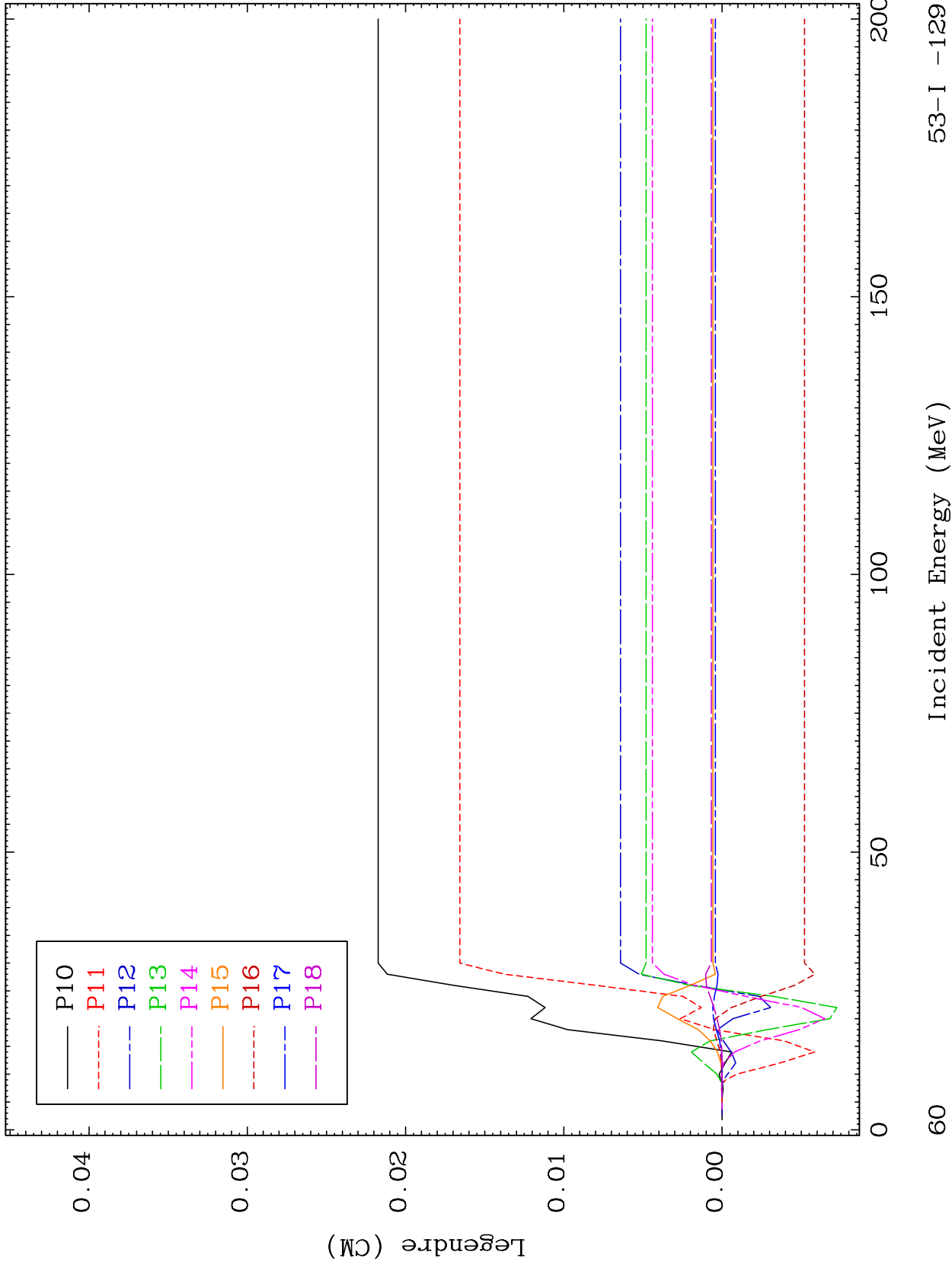




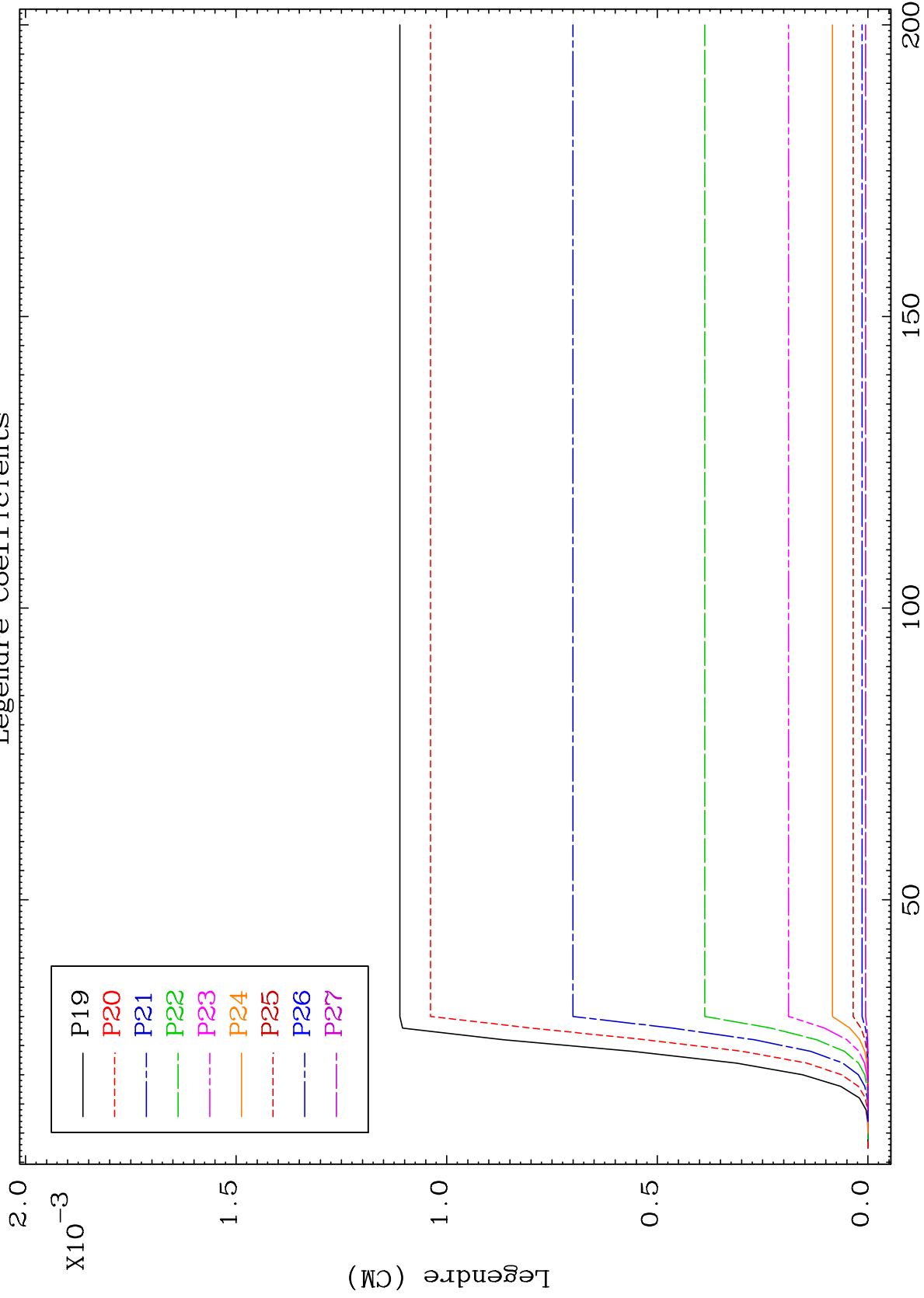
MAT 5331

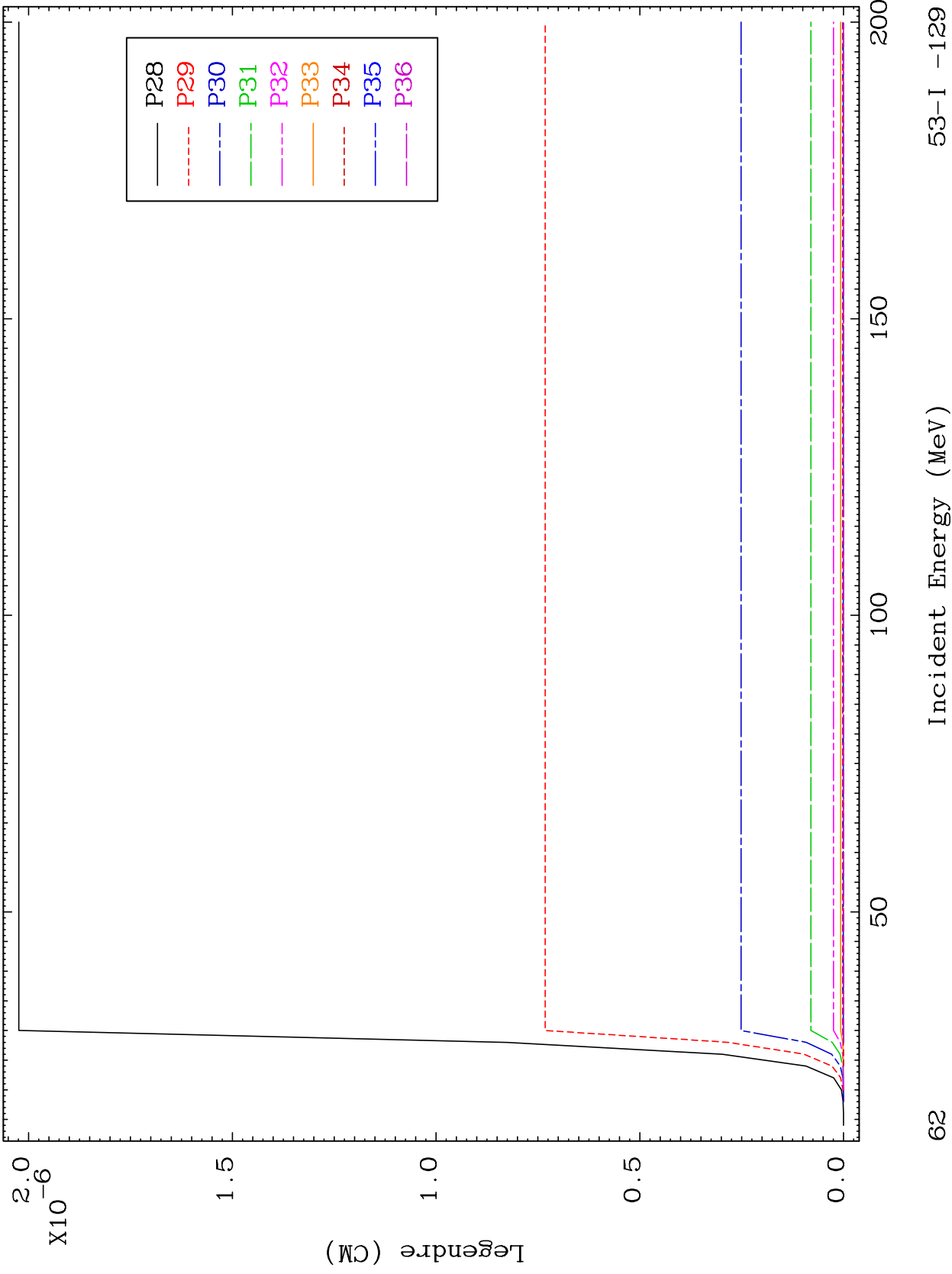
MT= 61 (n,n') Level  
Legendre Coefficients

53-I -129



53-I -129



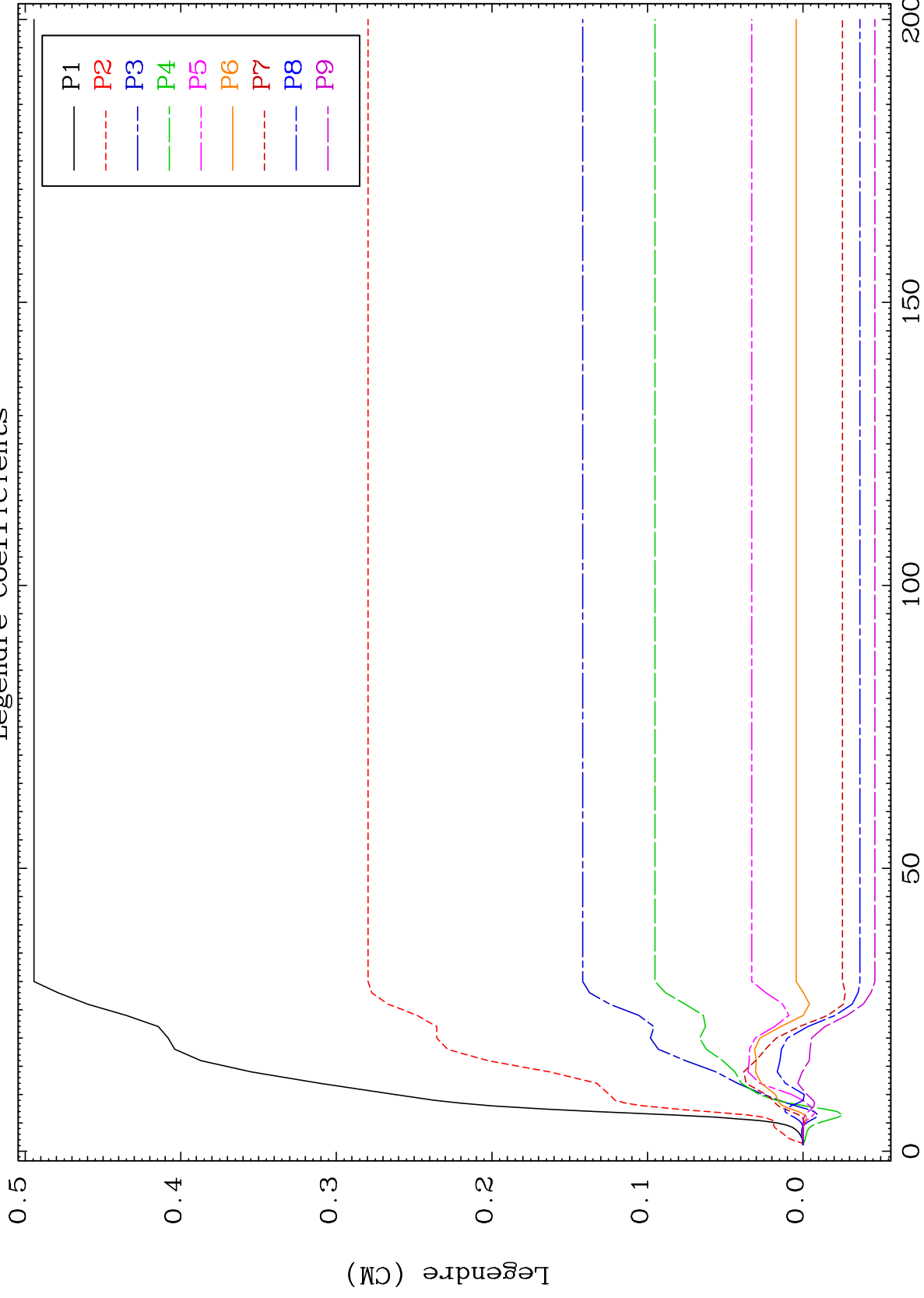


MAT 5331

MT= 62 (n,n') Level

53-I -129

Legendre Coefficients



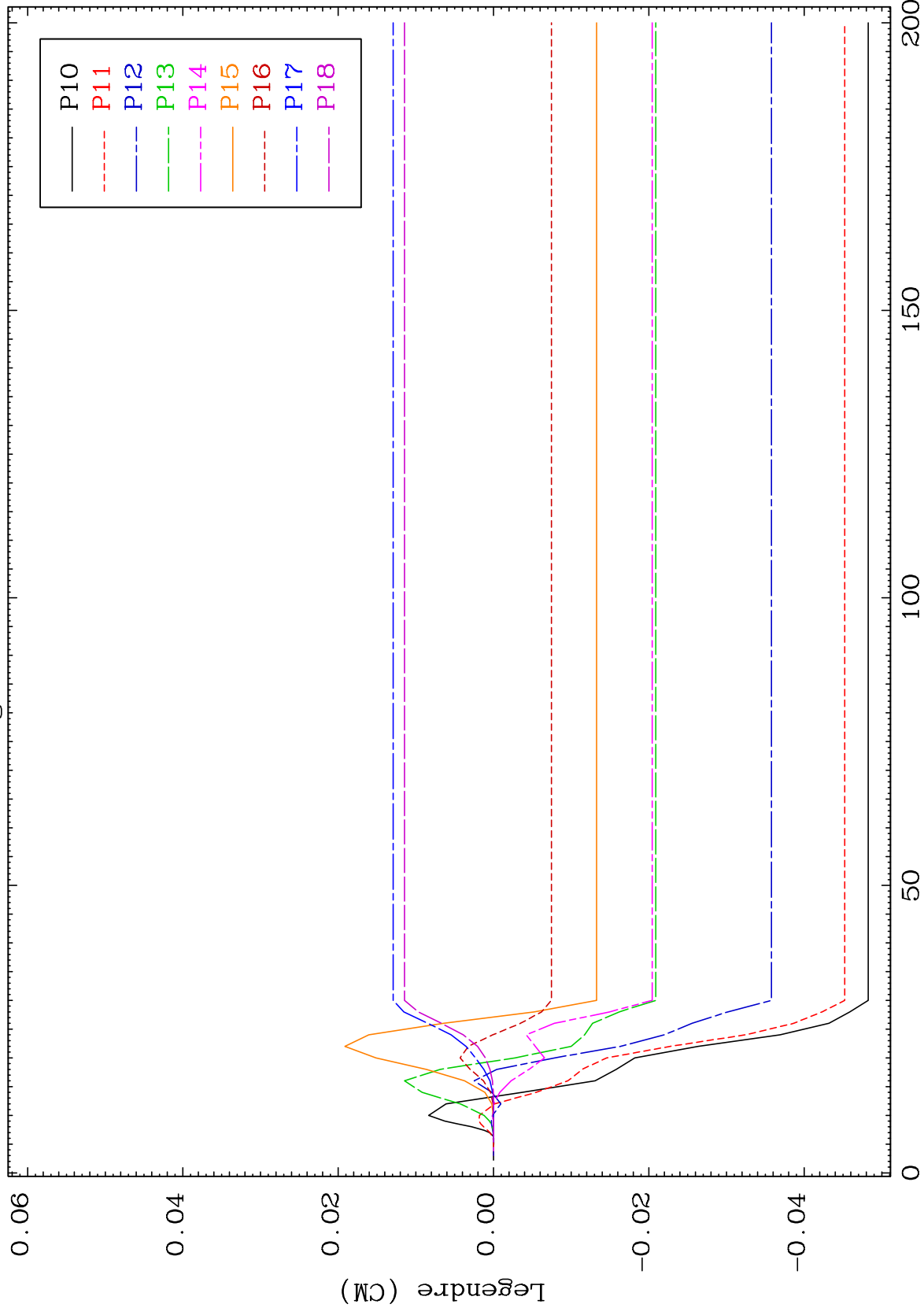
63

53-I -129

MAT 5331

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

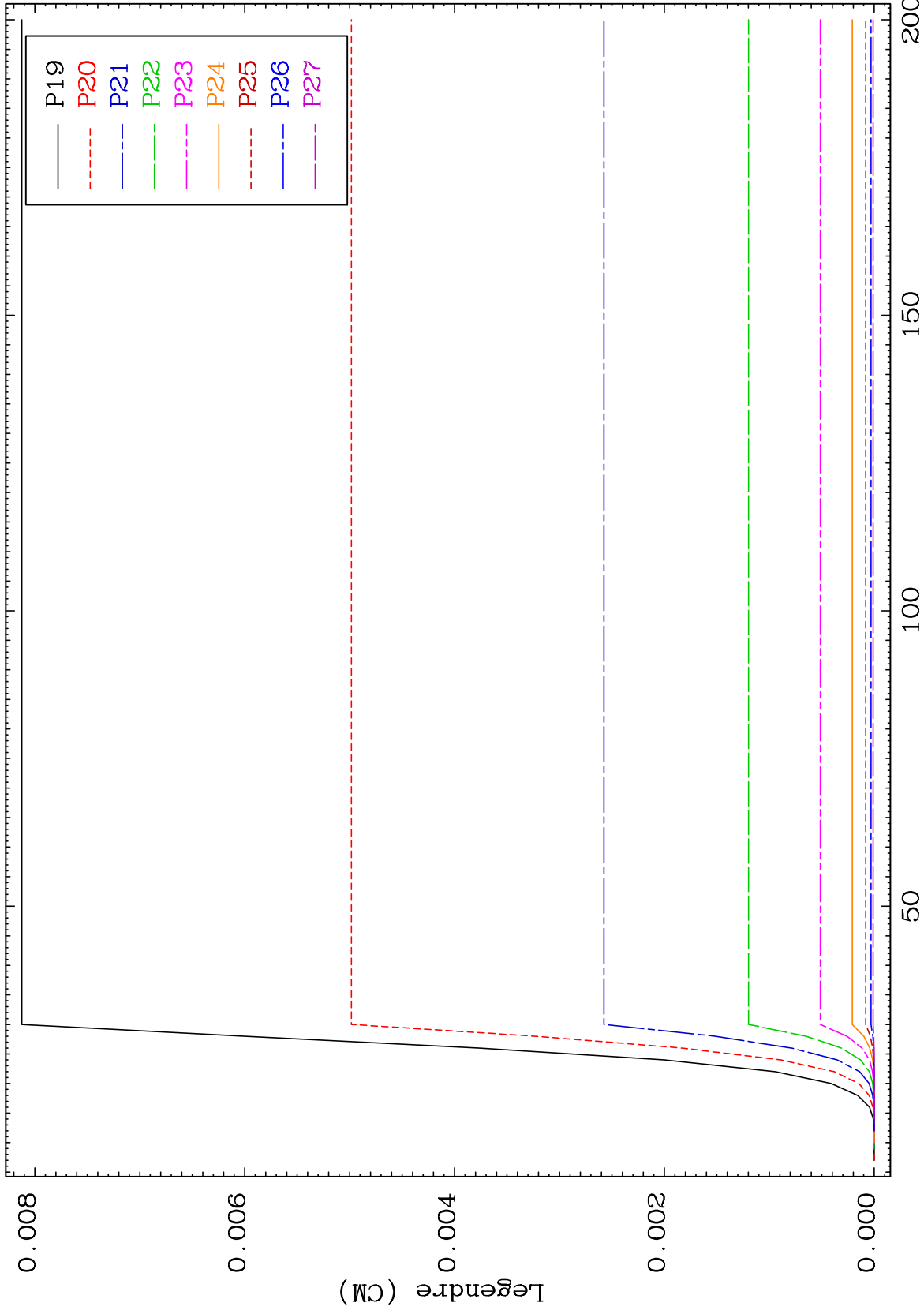
53-I -129



64

Incident Energy (MeV)

53-I -129

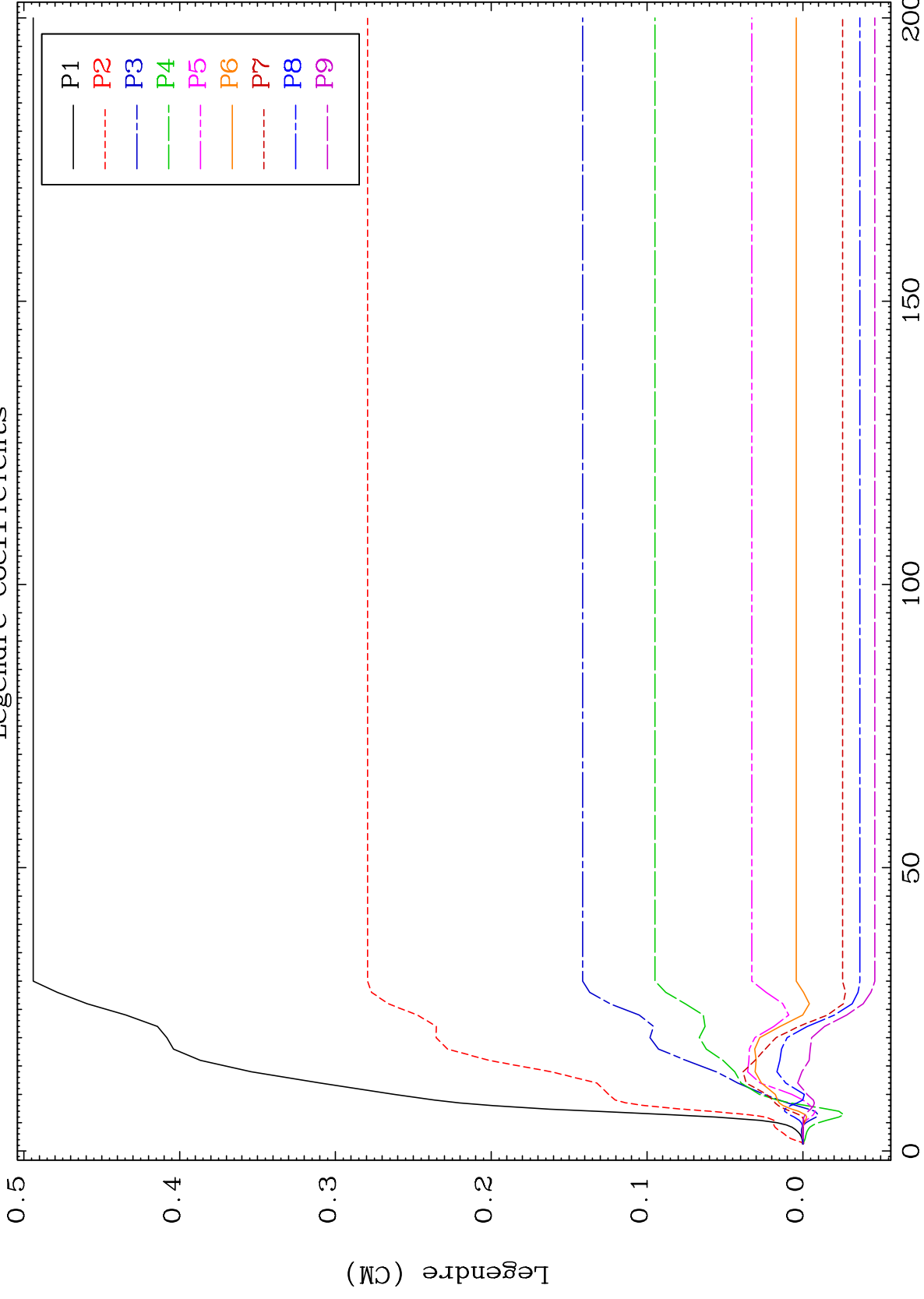




MAT 5331

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

53-I -129



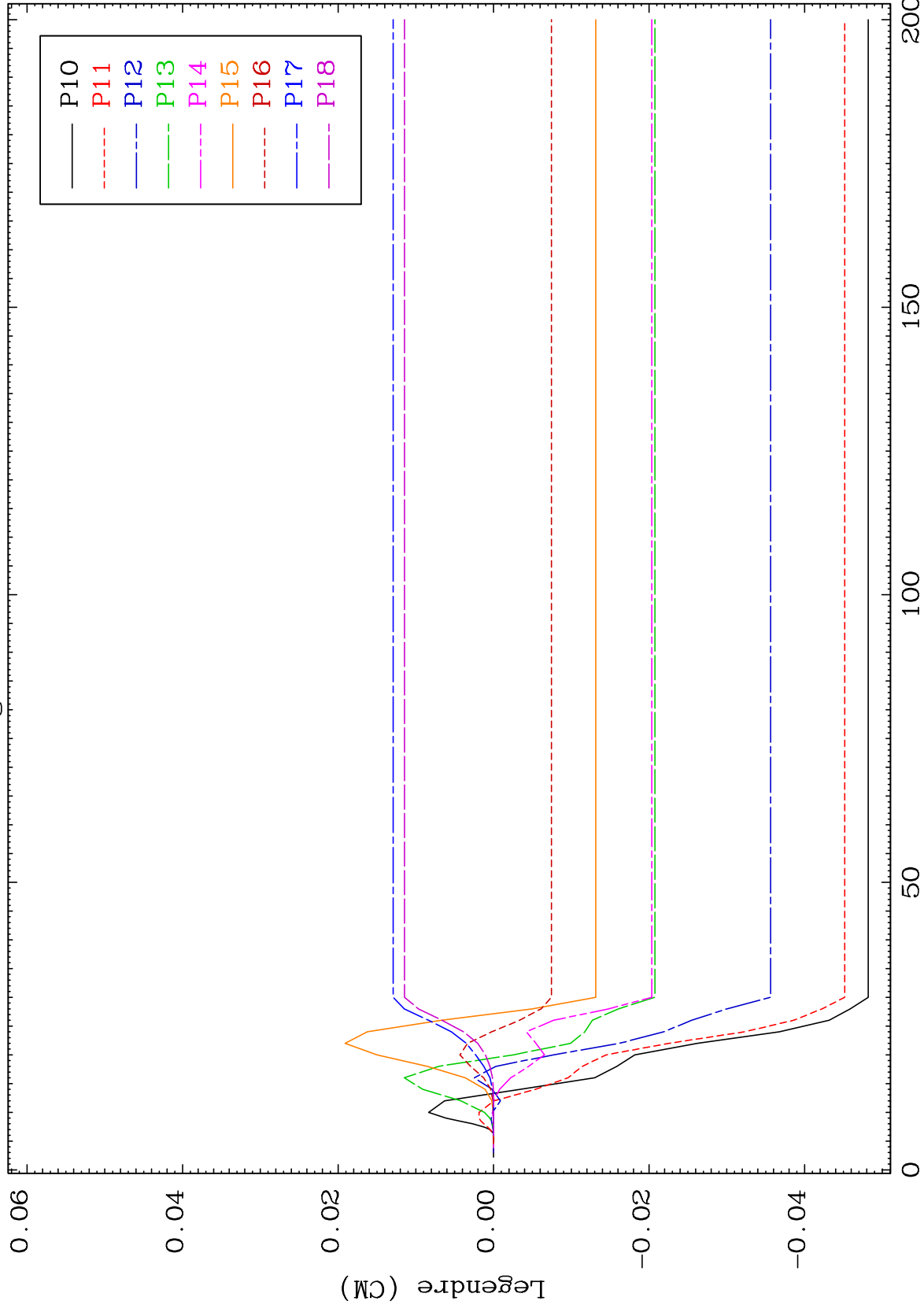
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53-I -129

MAT 5331

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

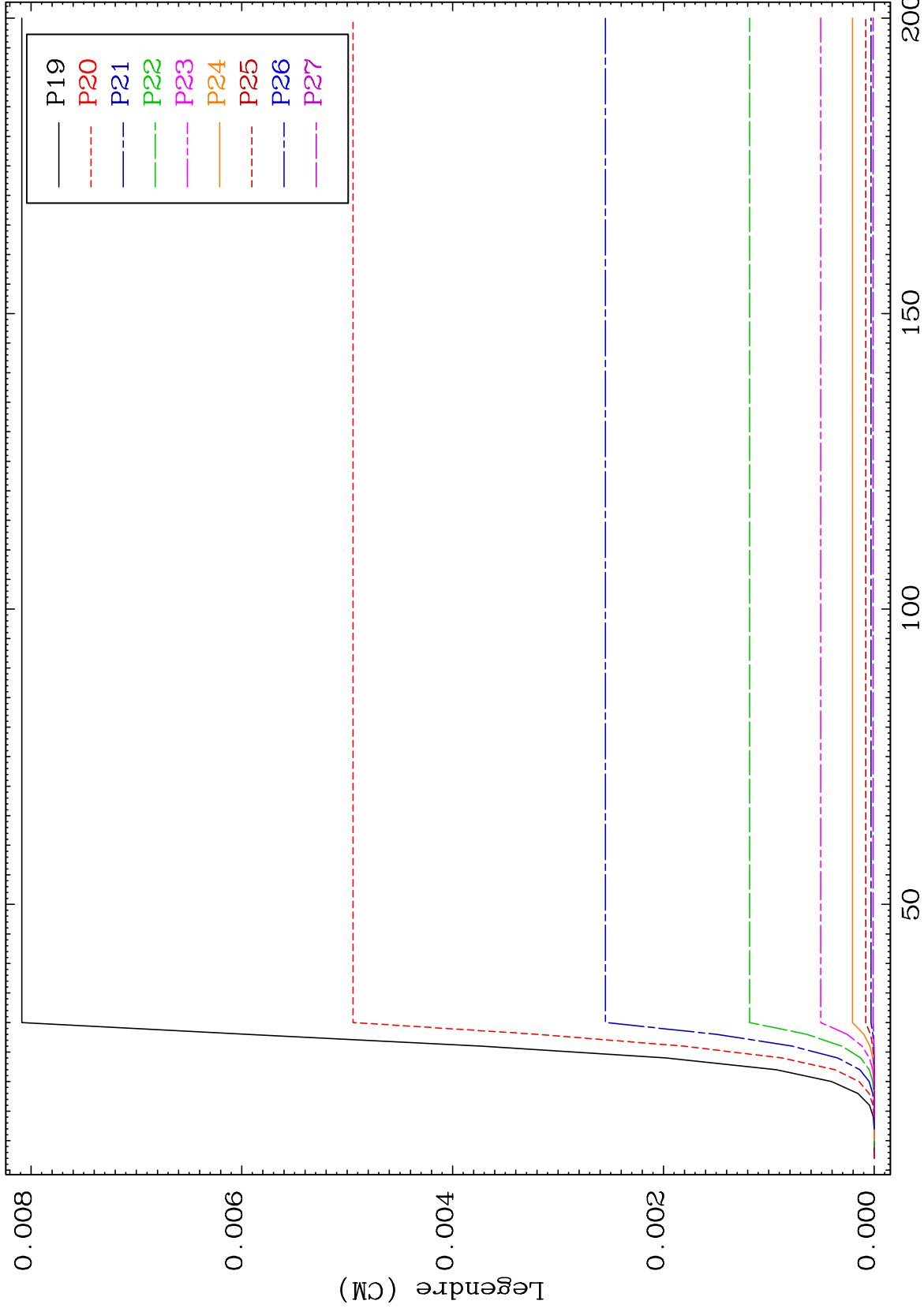
53-I -129



68

Incident Energy (MeV)

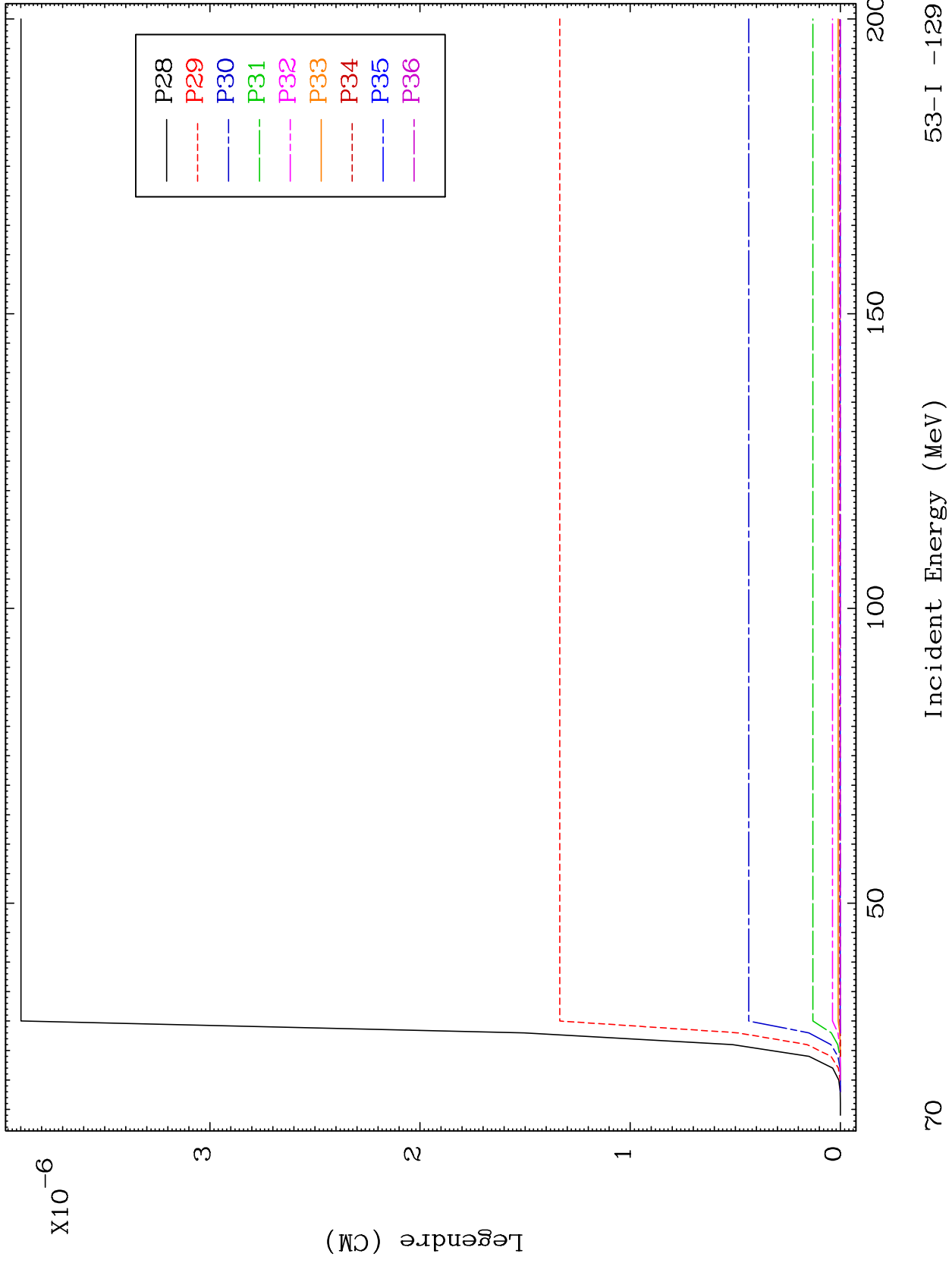
53-I -129



MAT 5331

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

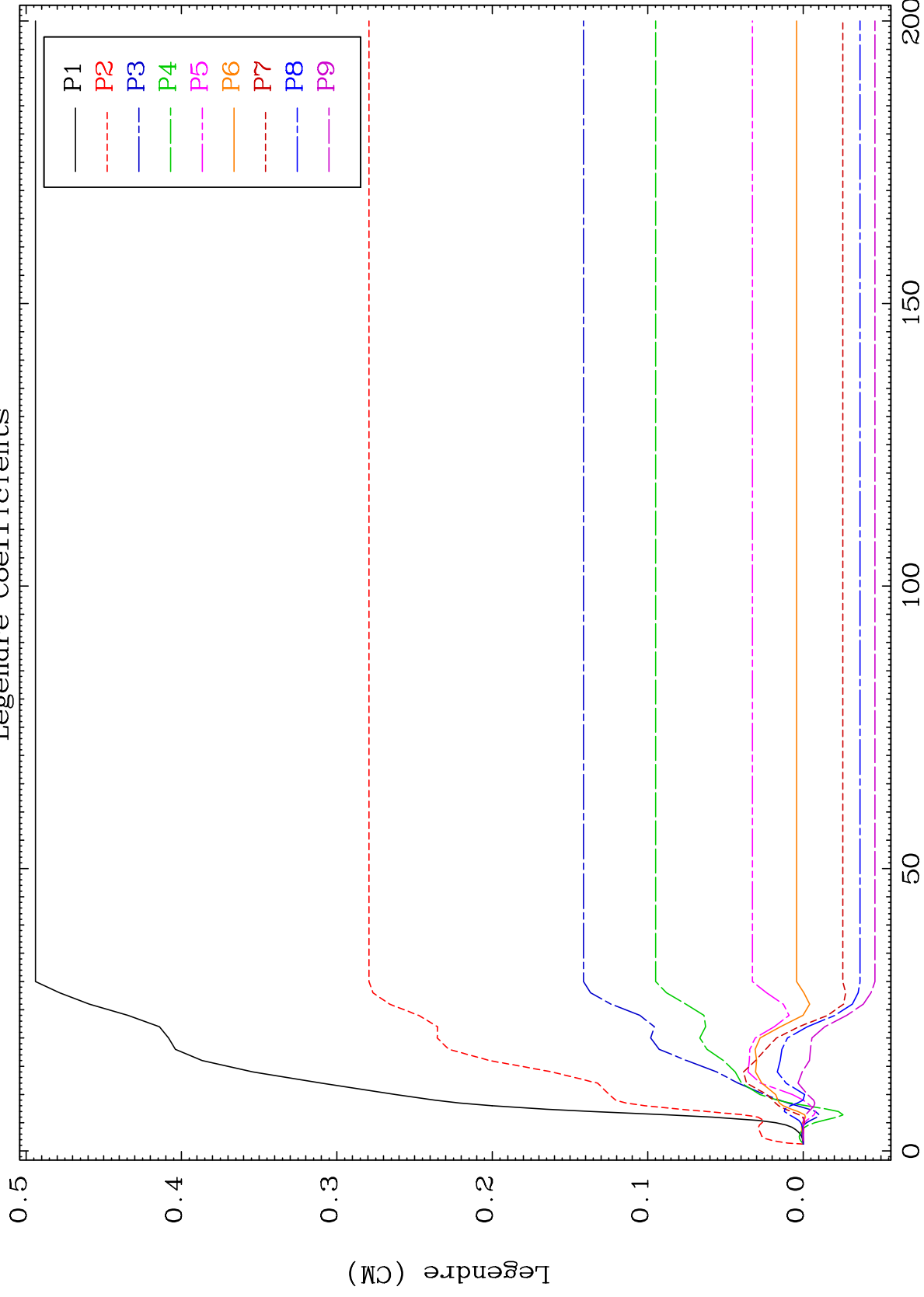
53-I -129



70

Incident Energy (MeV)

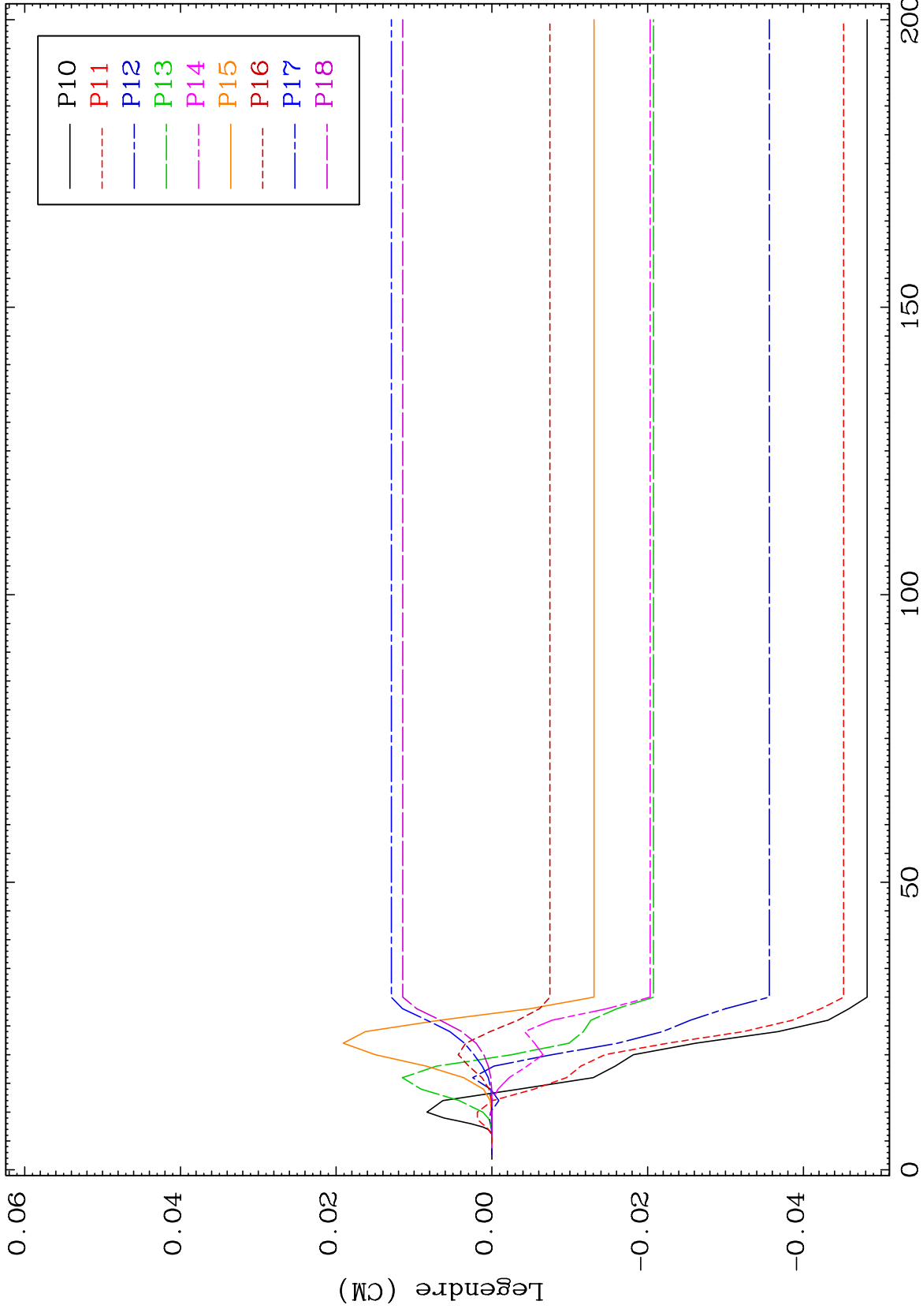
53-I -129



MAT 5331

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

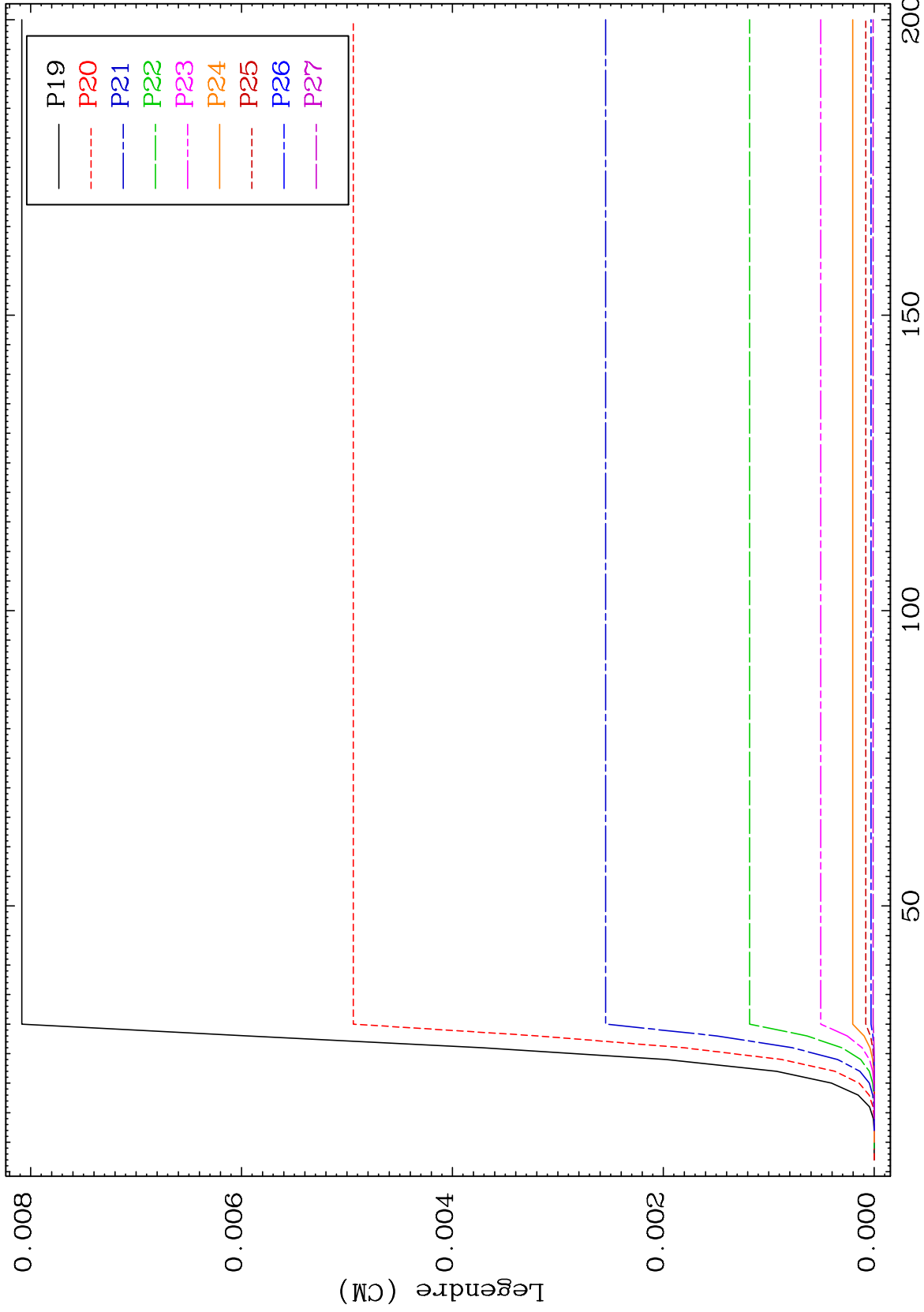
53-I -129

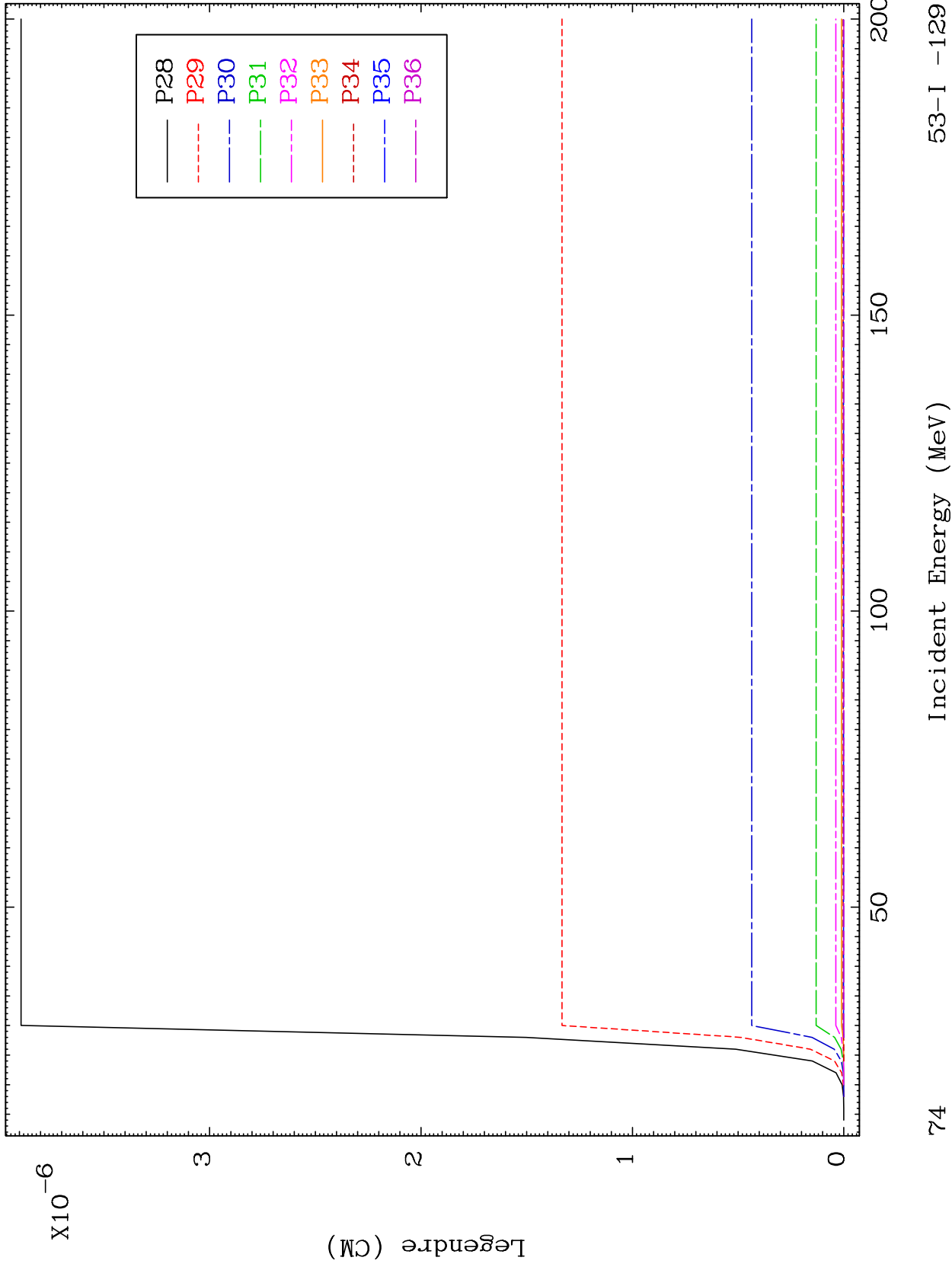


72

Incident Energy (MeV)

53-I -129

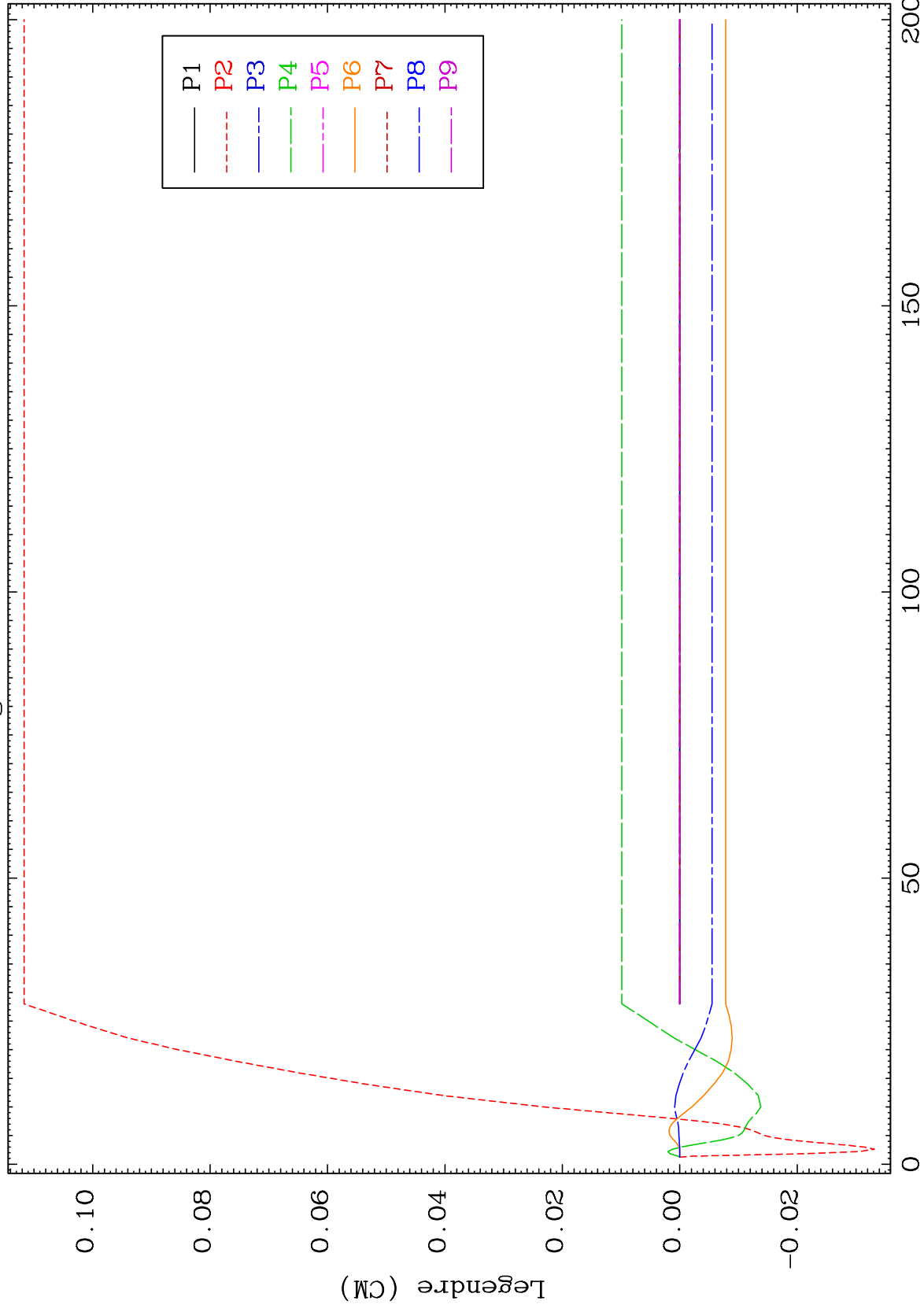




MAT 5331

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

53-I -129



75

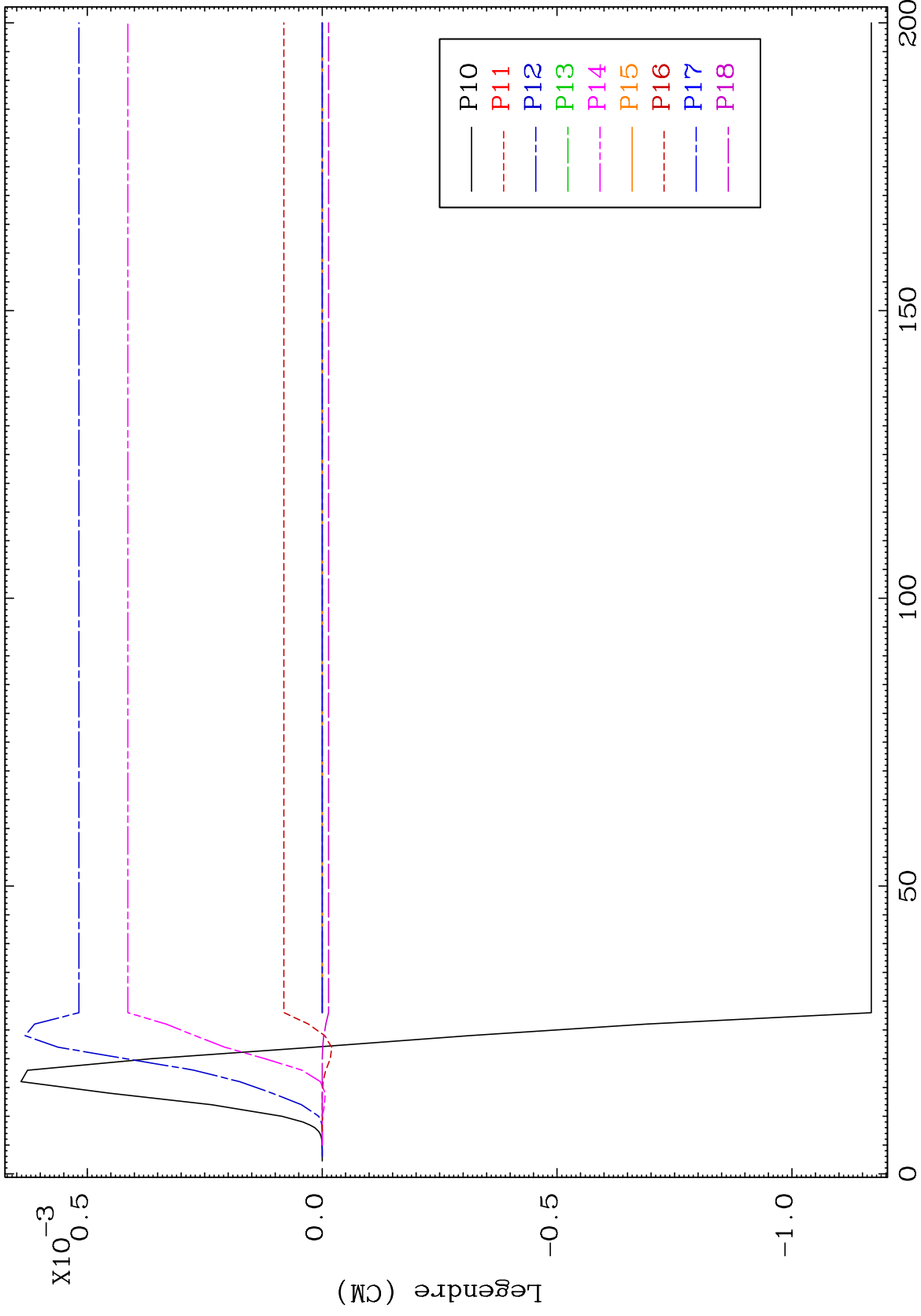
Incident Energy (MeV)

53-I -129

MAT 5331

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

53-I -129



76

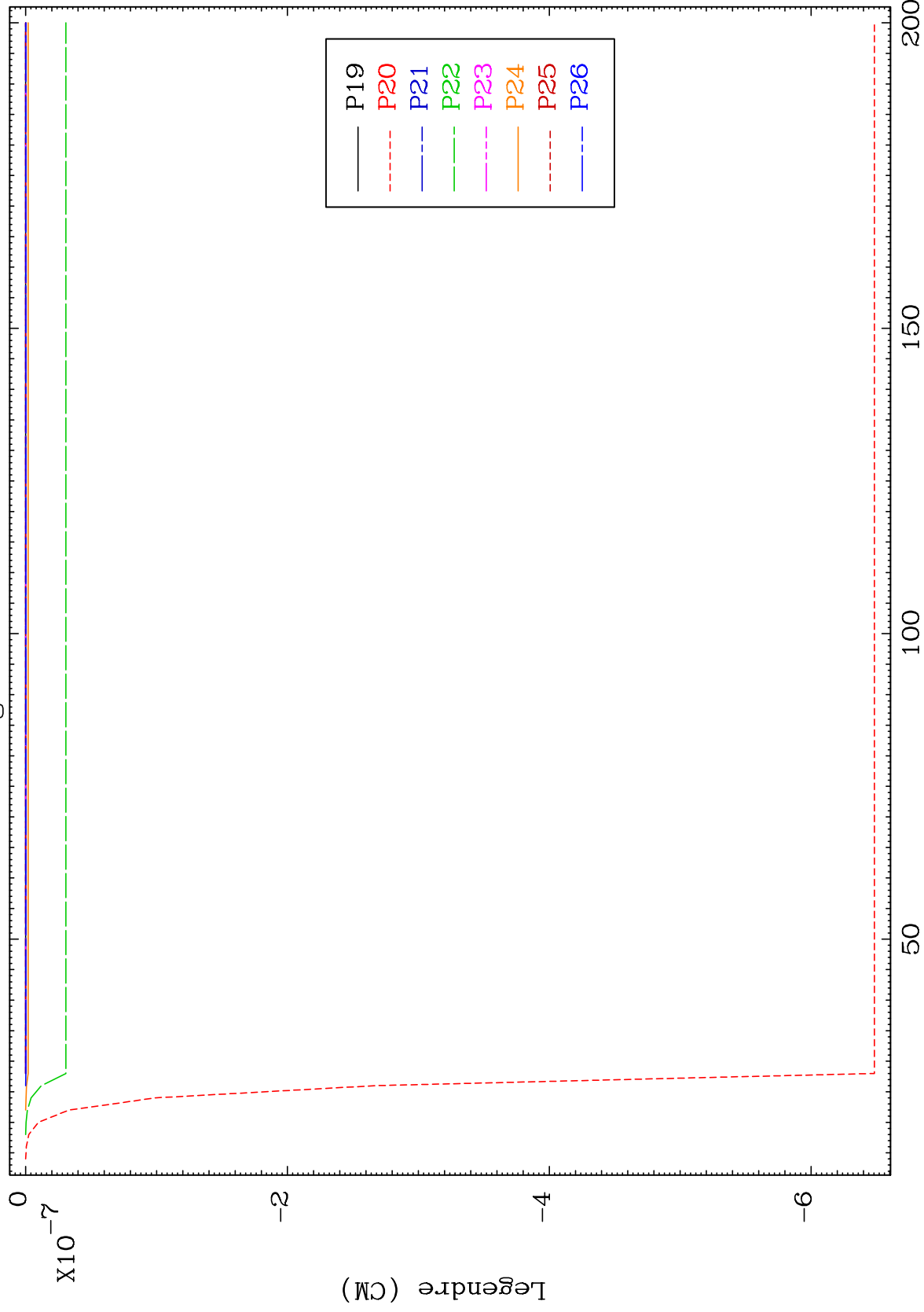
Incident Energy (MeV)

53-I -129

MAT 5331

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

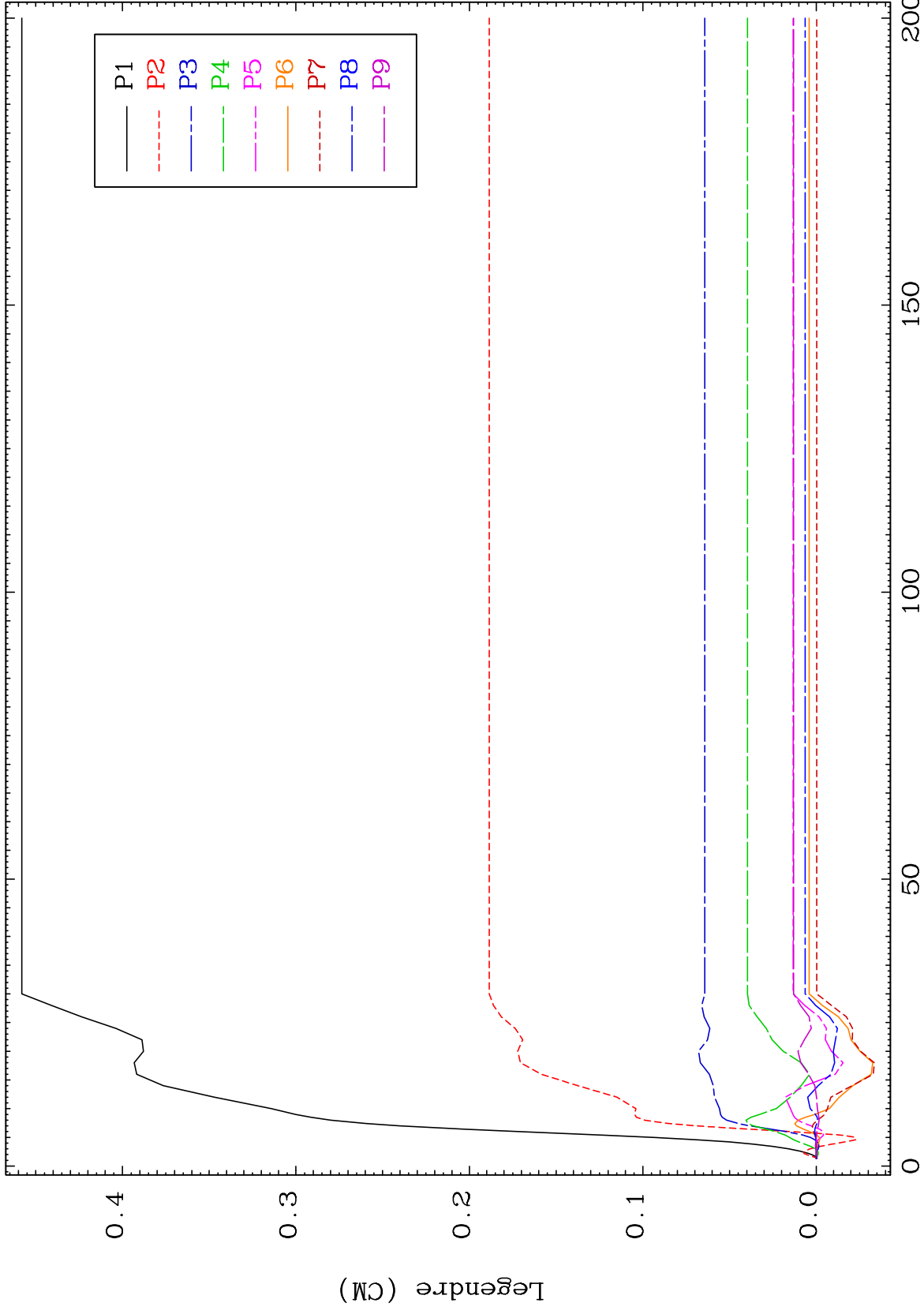
53-I -129

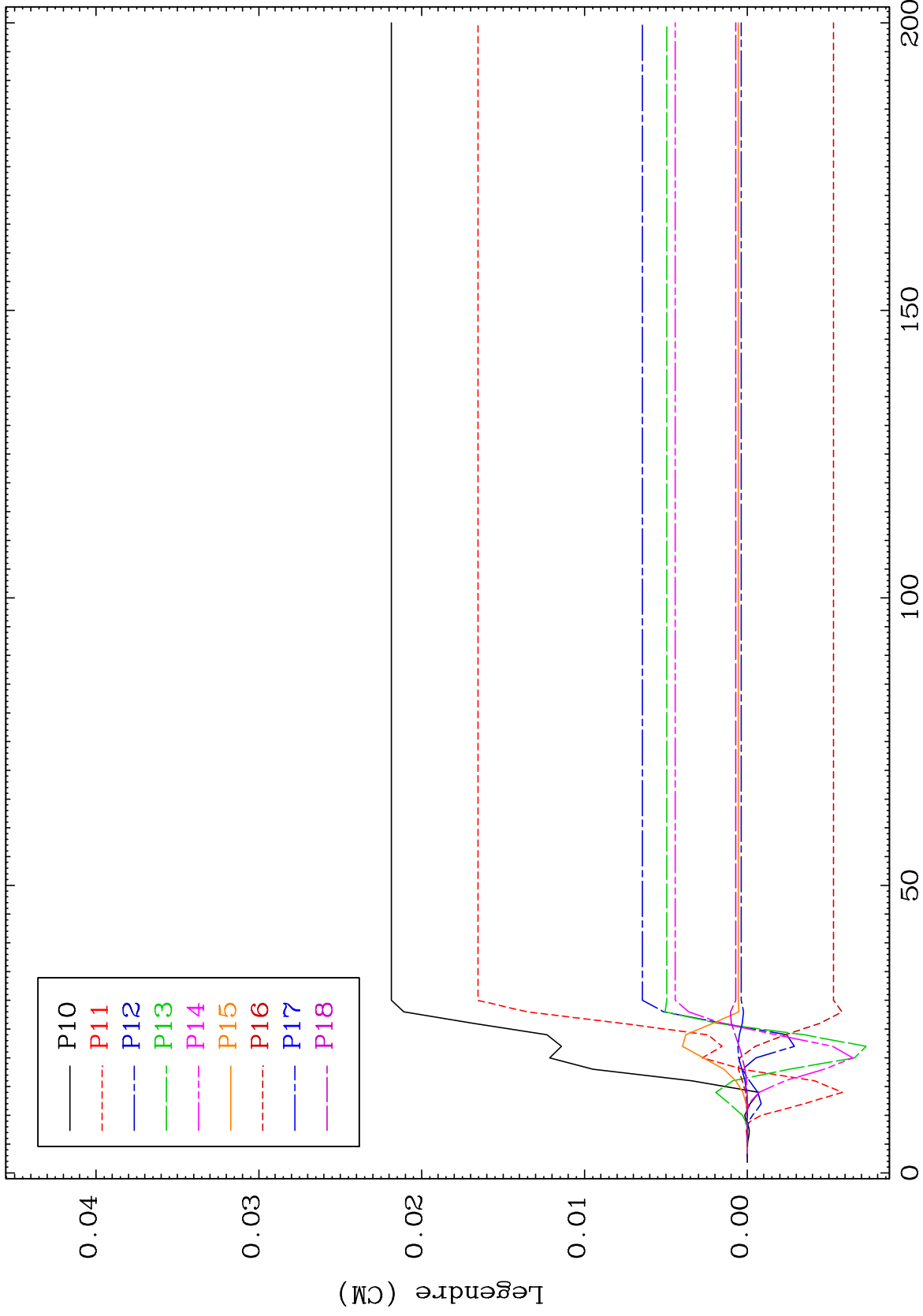


77

Incident Energy (MeV)

53-I -129

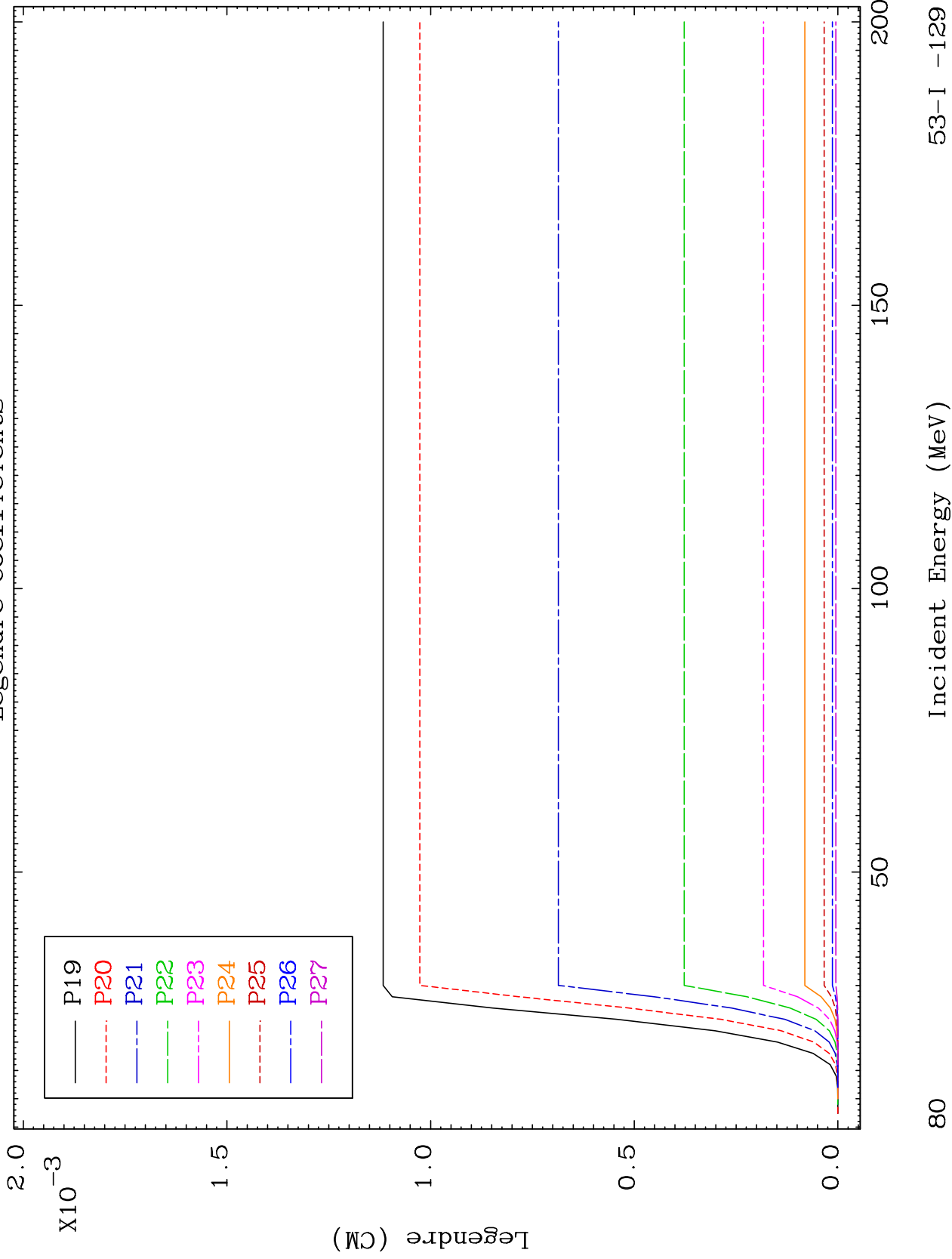


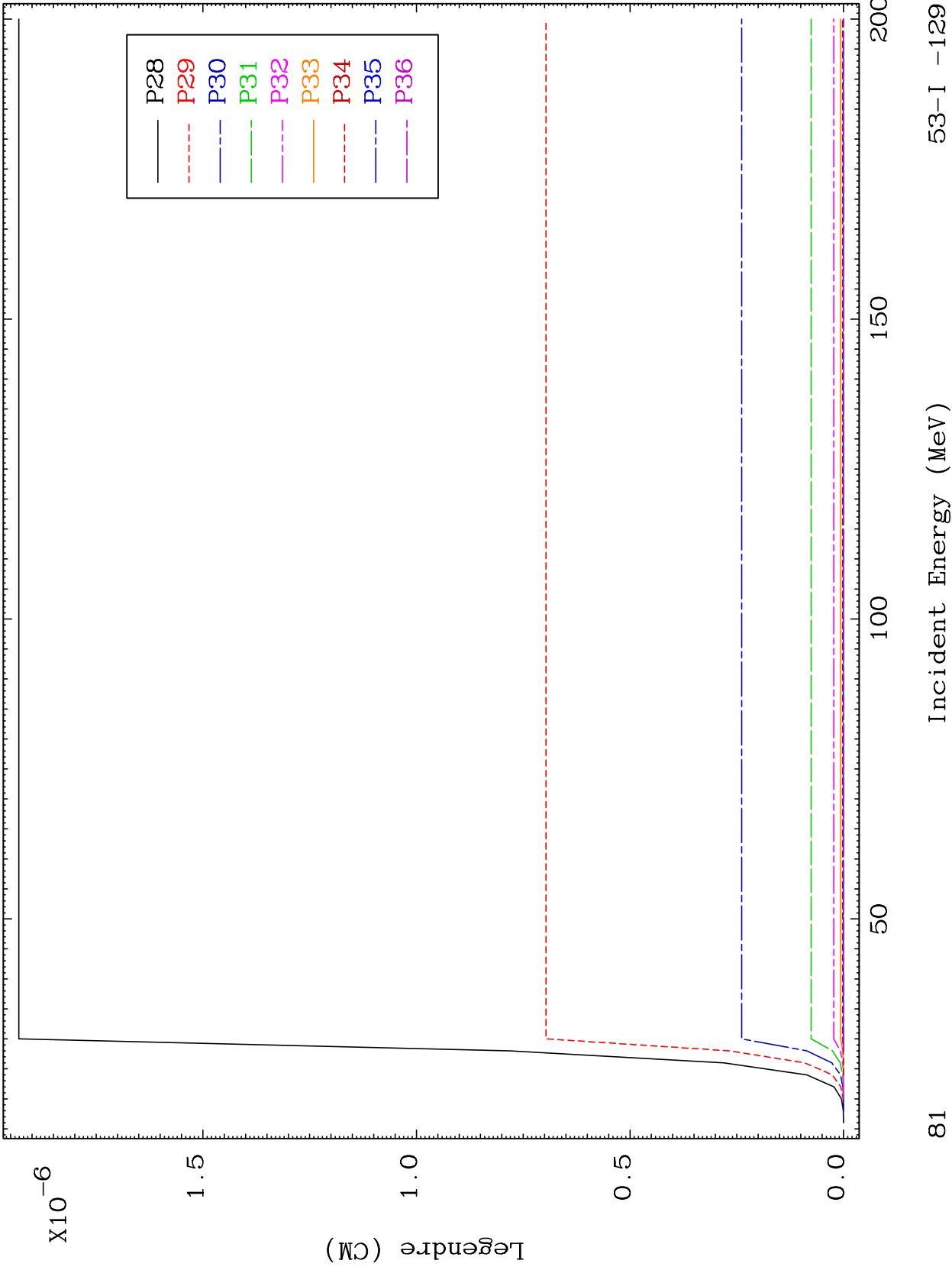


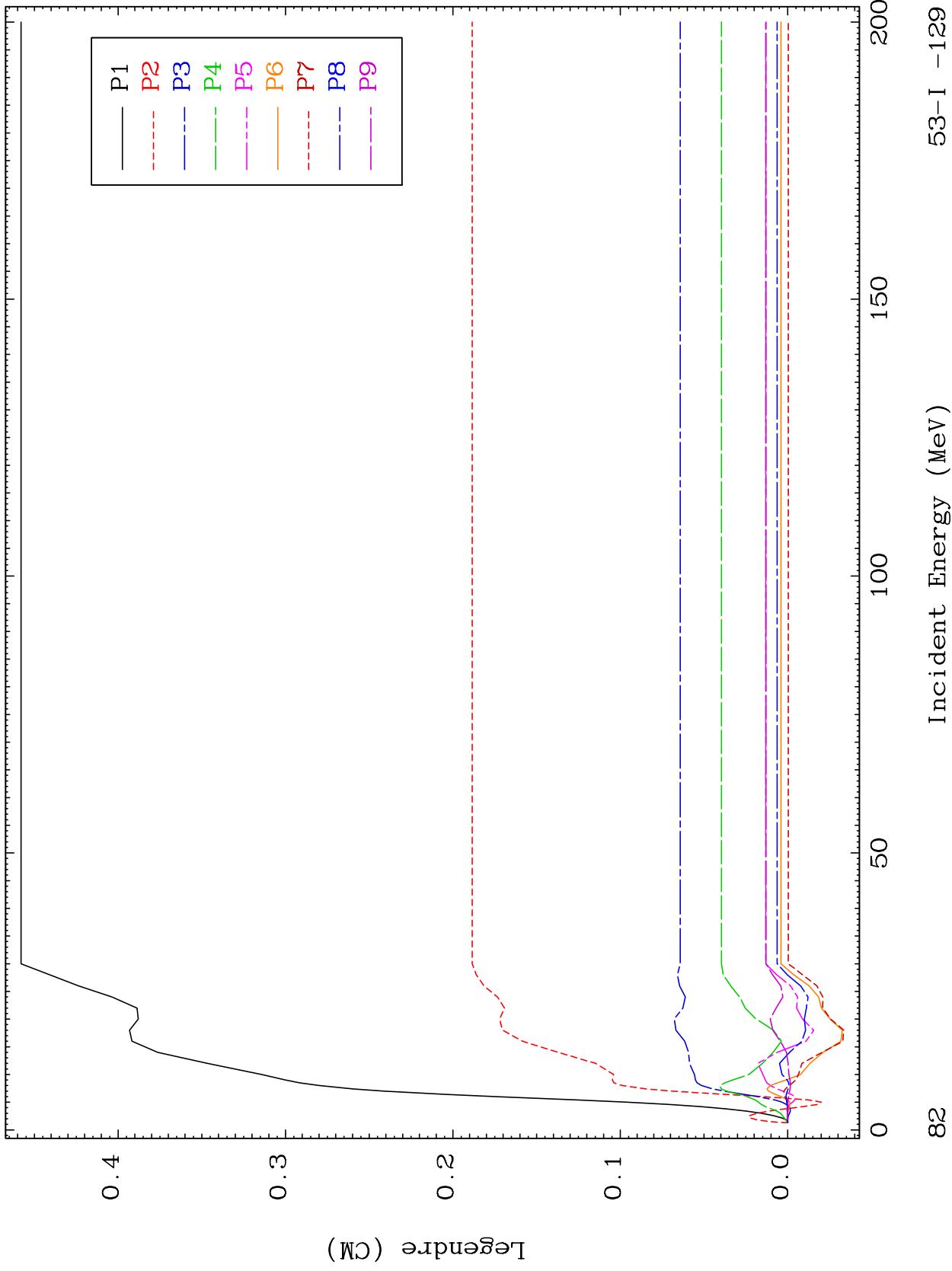
MAT 5331

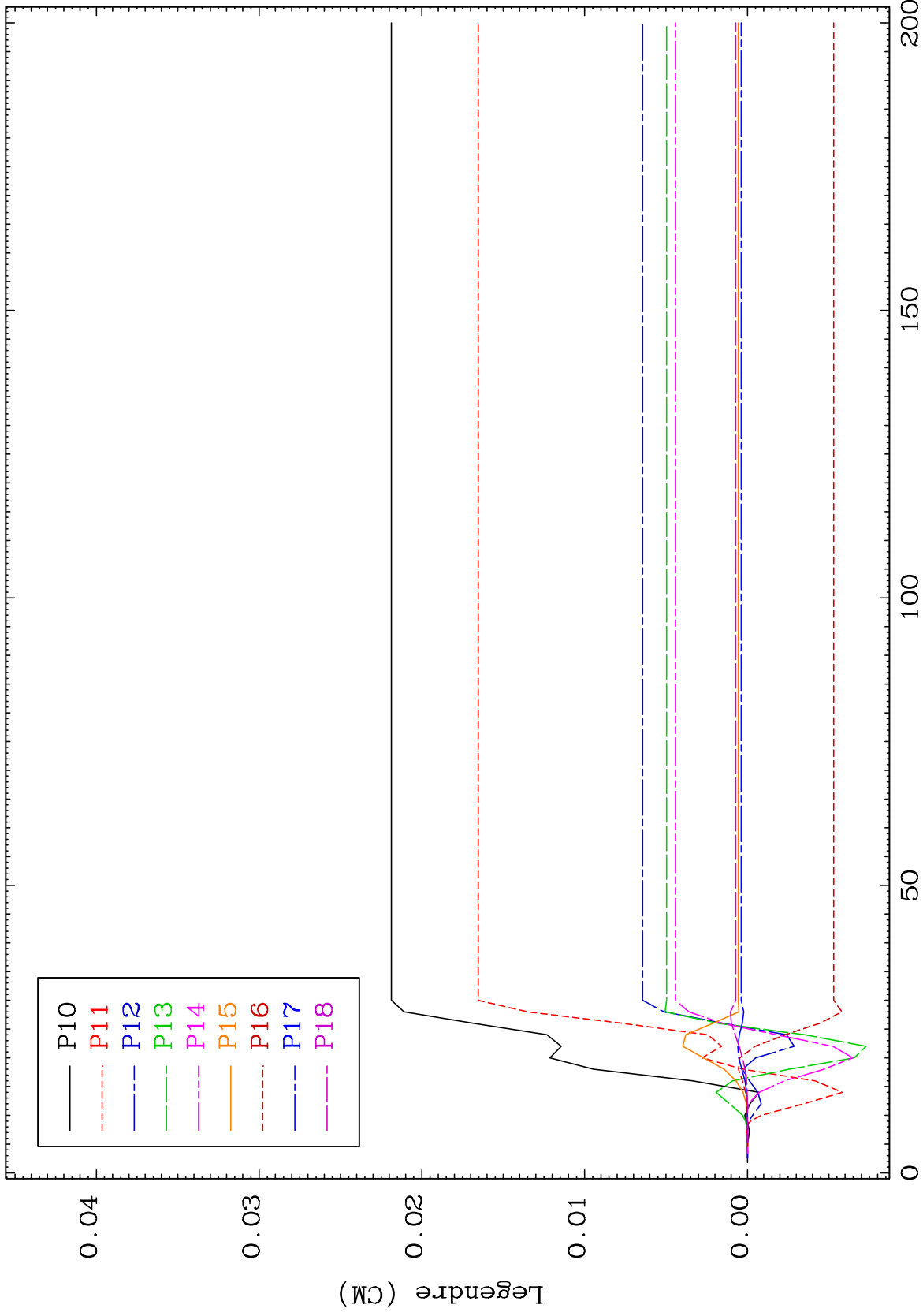
MT= 66 (n,n') Level  
Legendre Coefficients

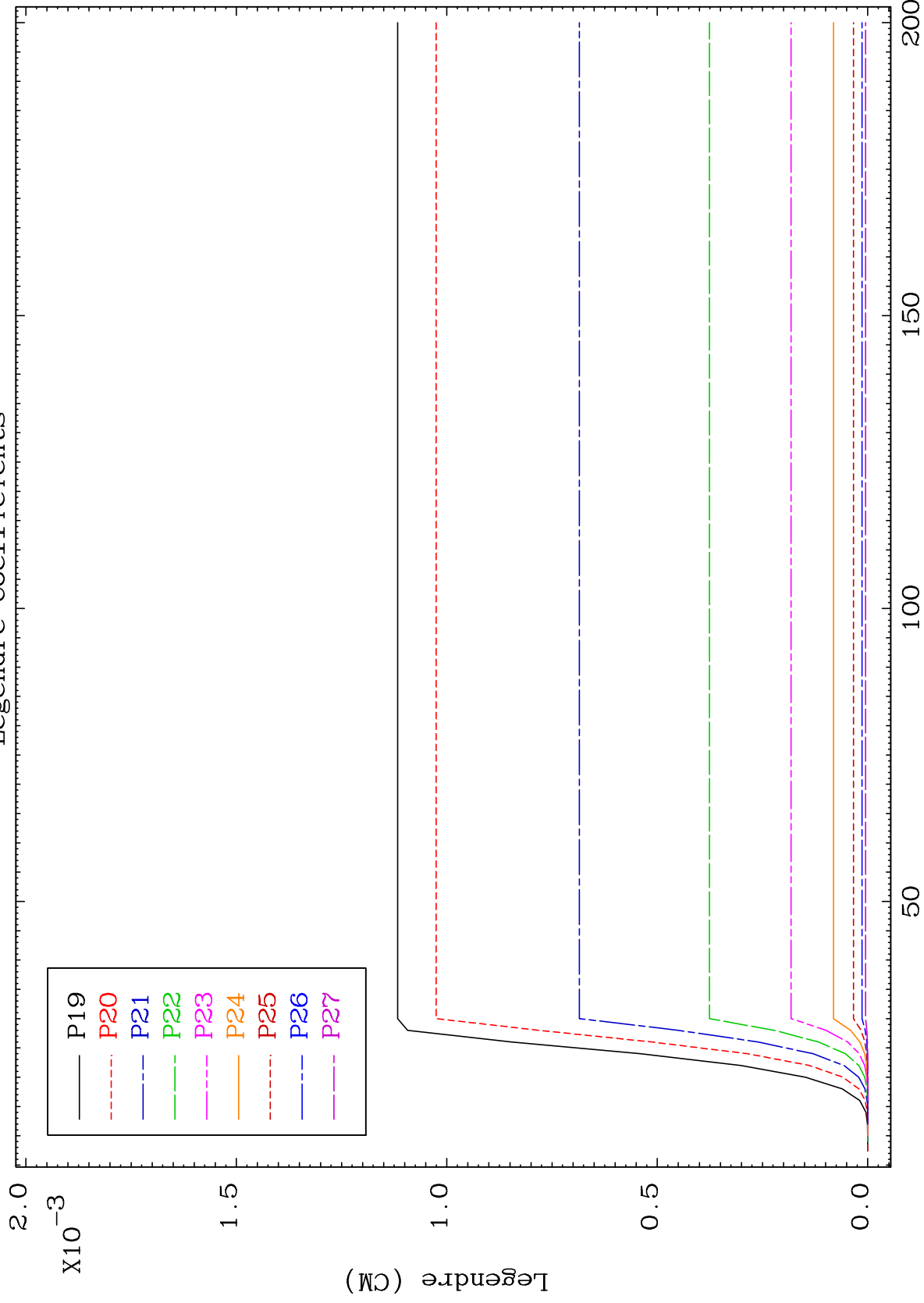
53-I -129

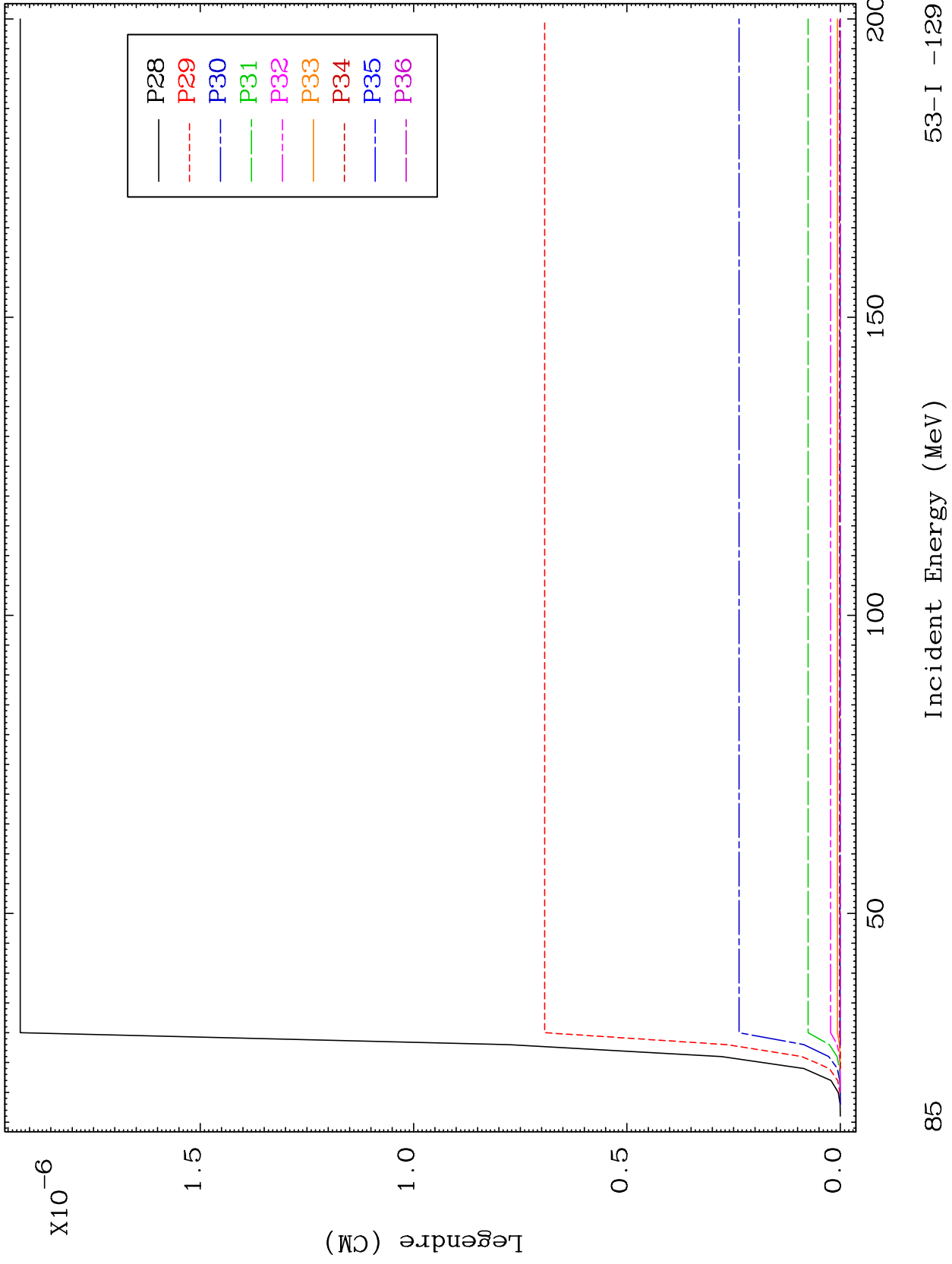


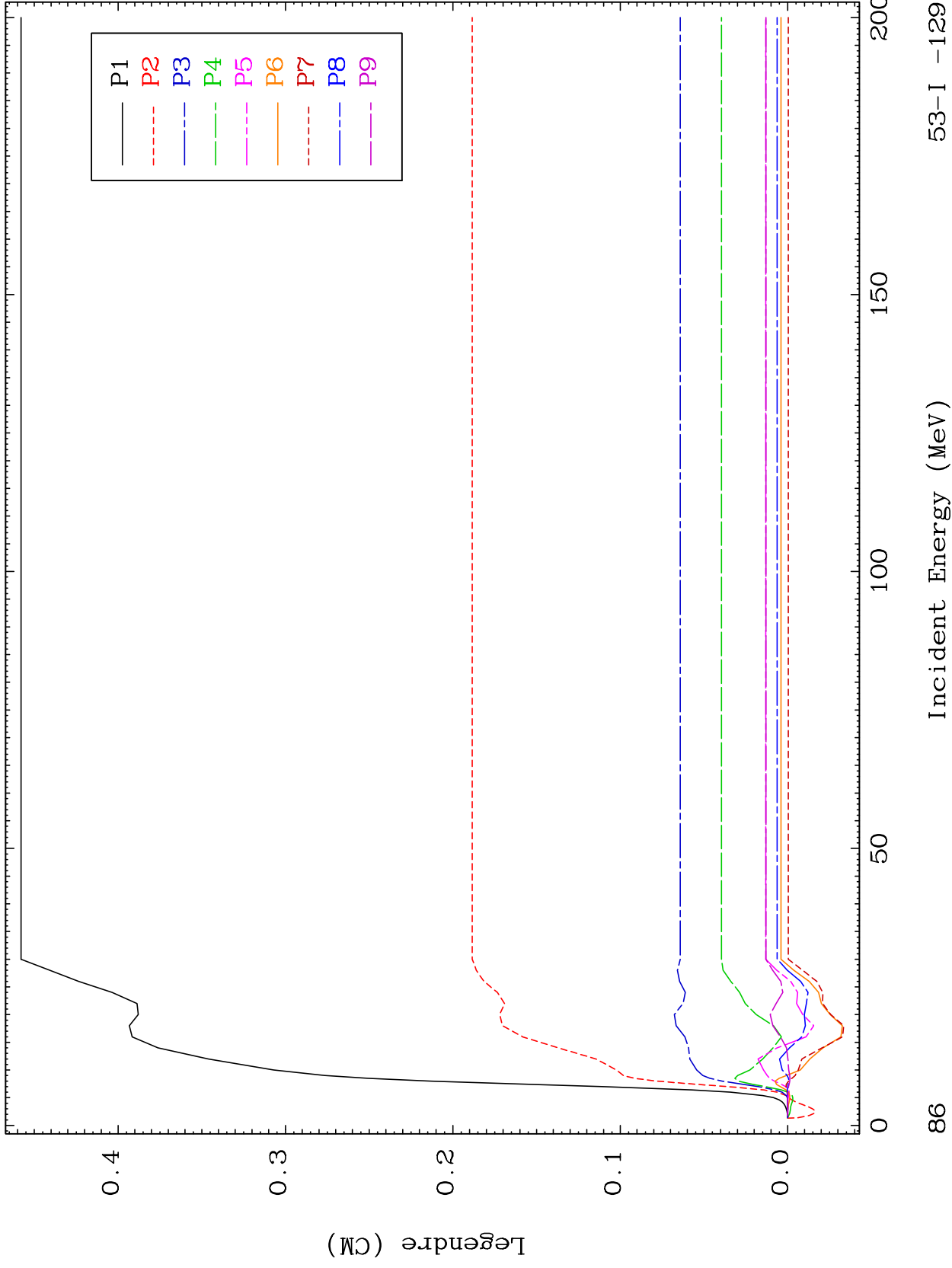


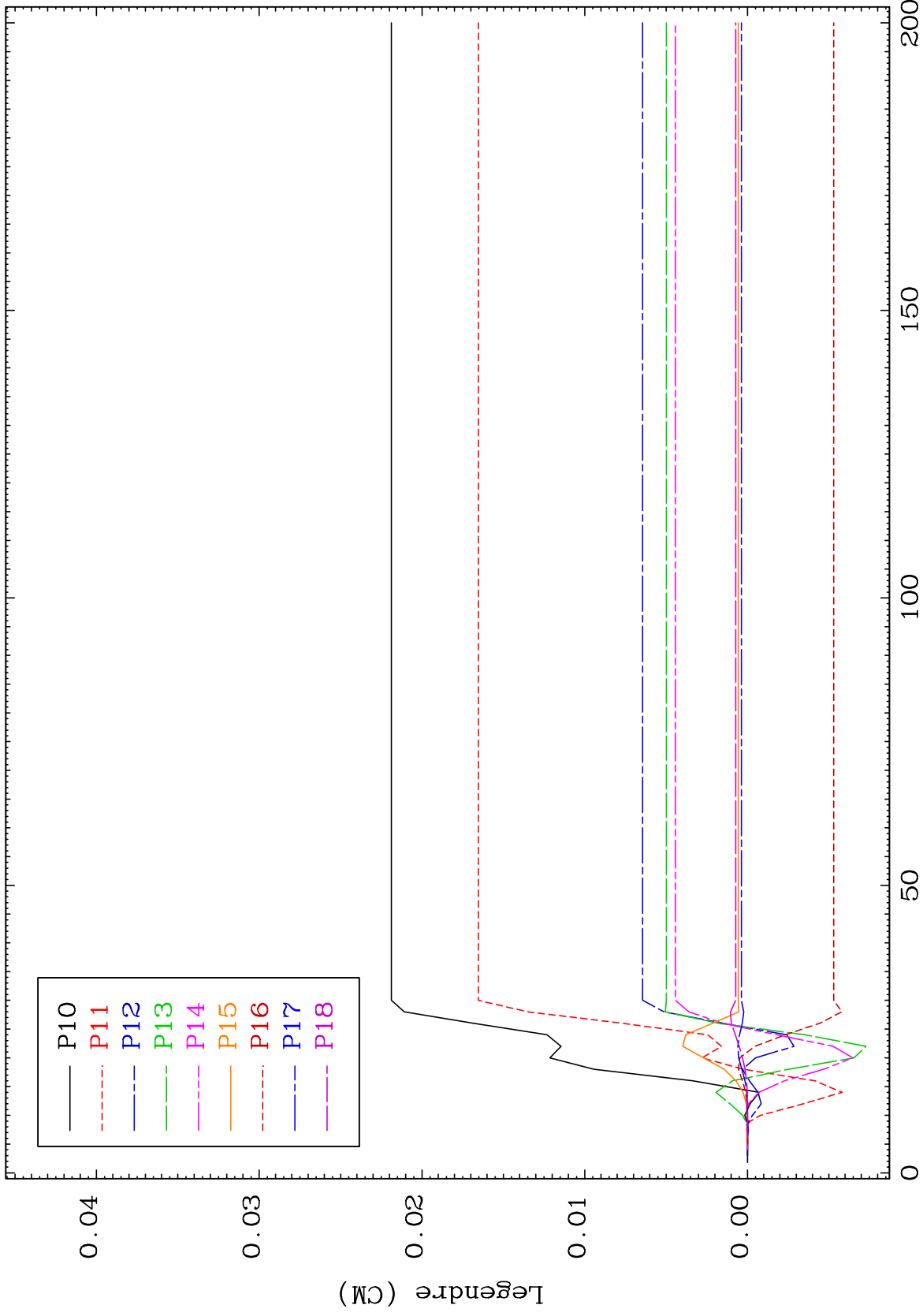


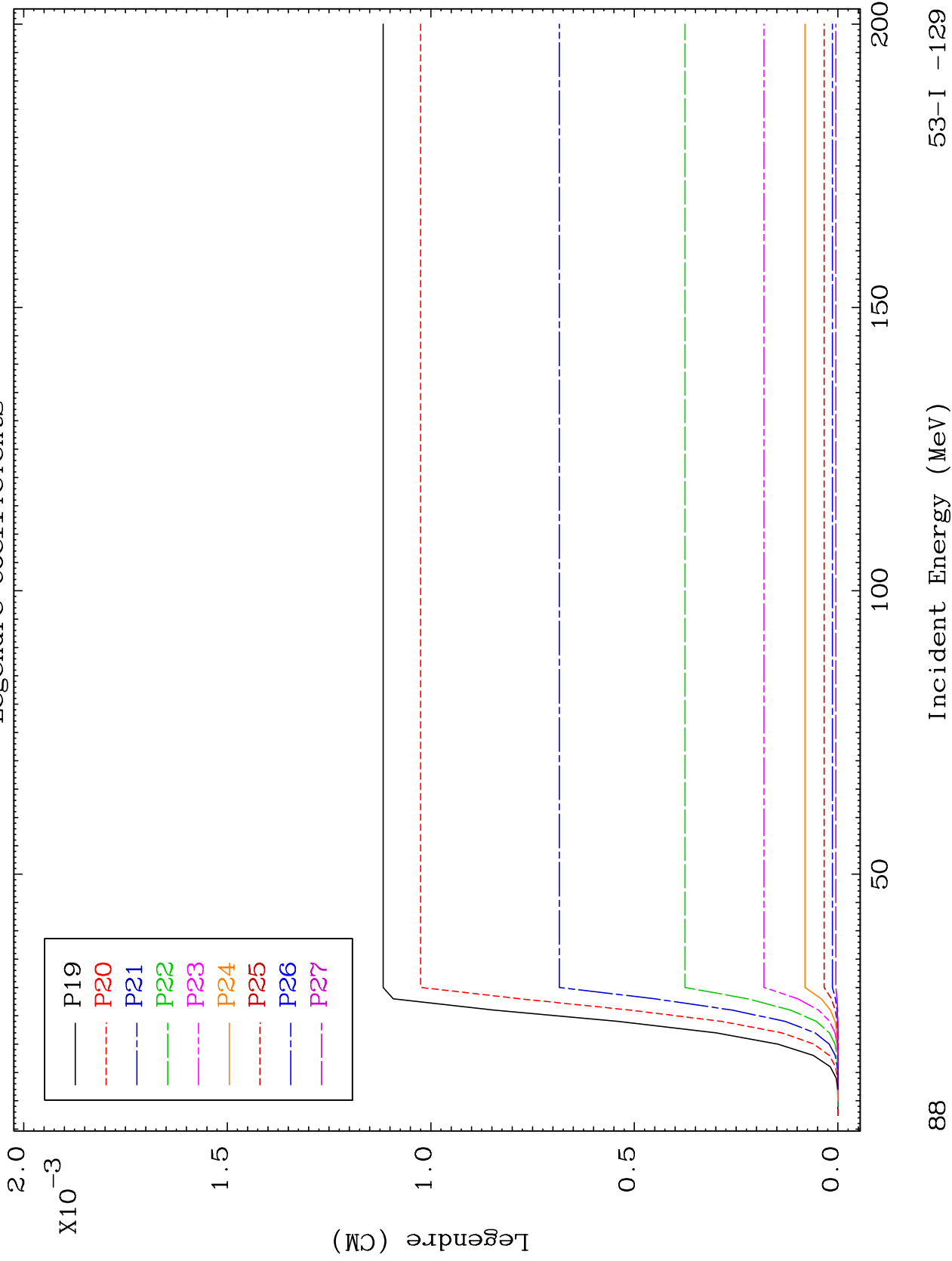


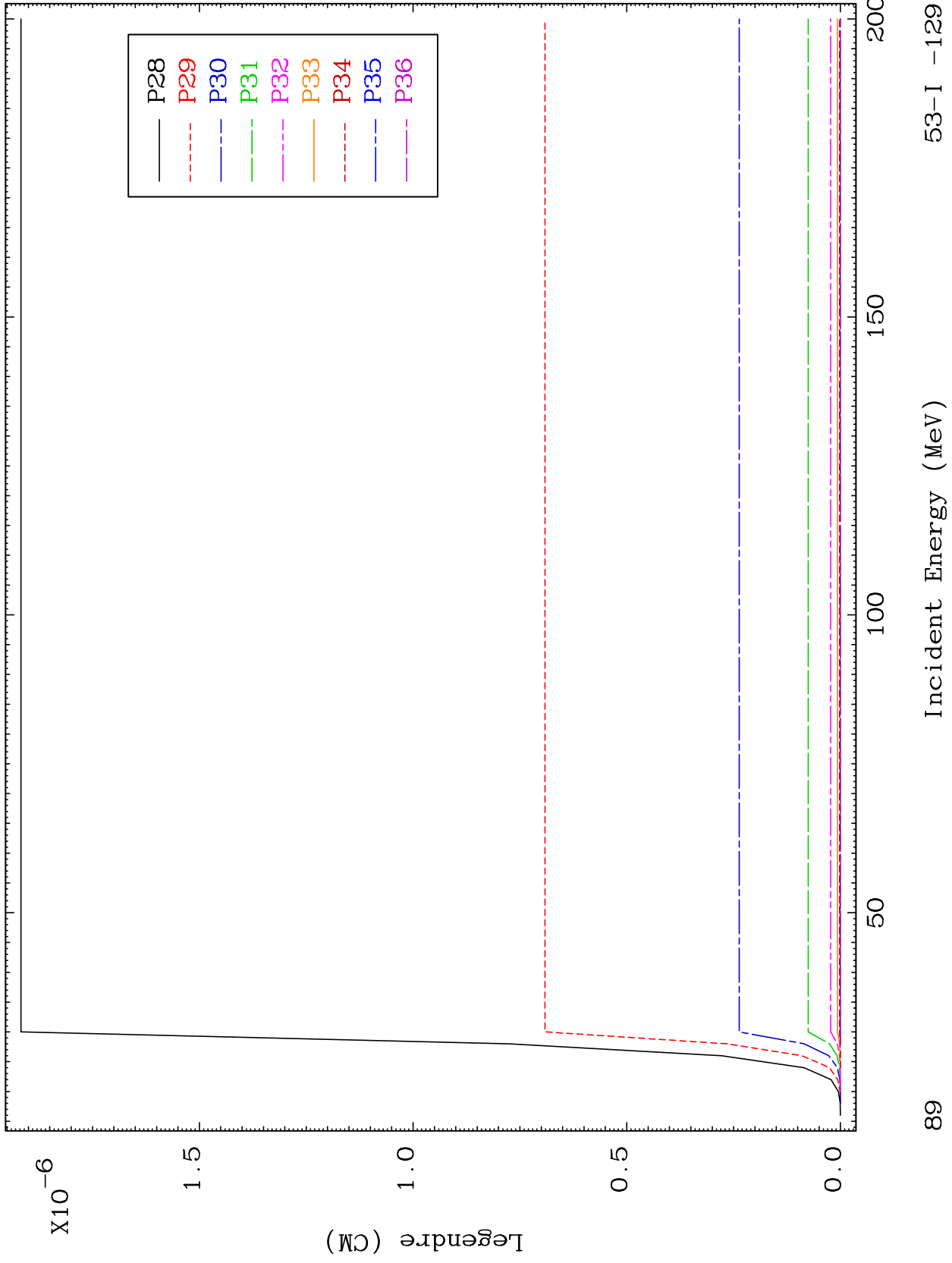








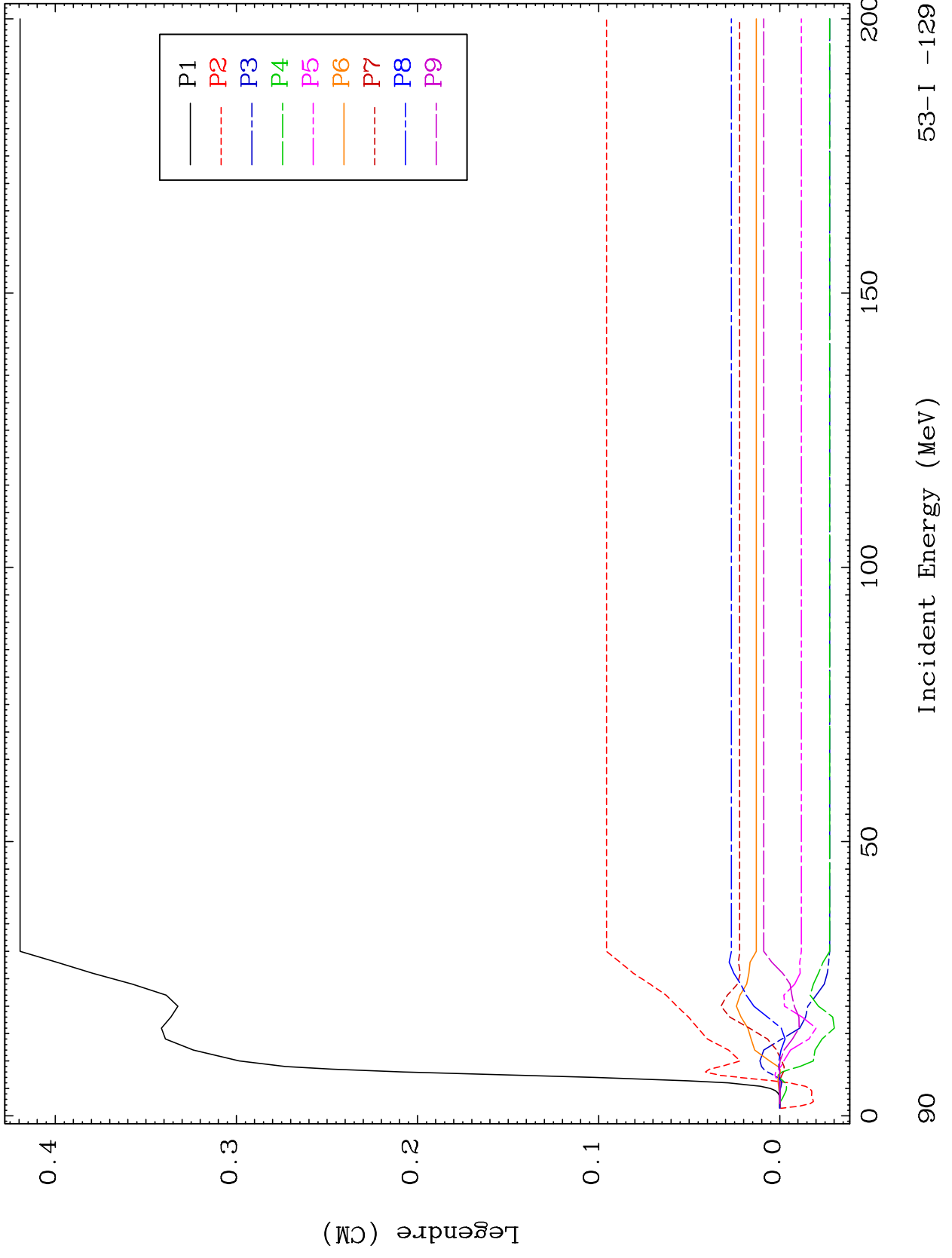




MAT 5331

MT= 69 (n,n') Level  
Legendre Coefficients

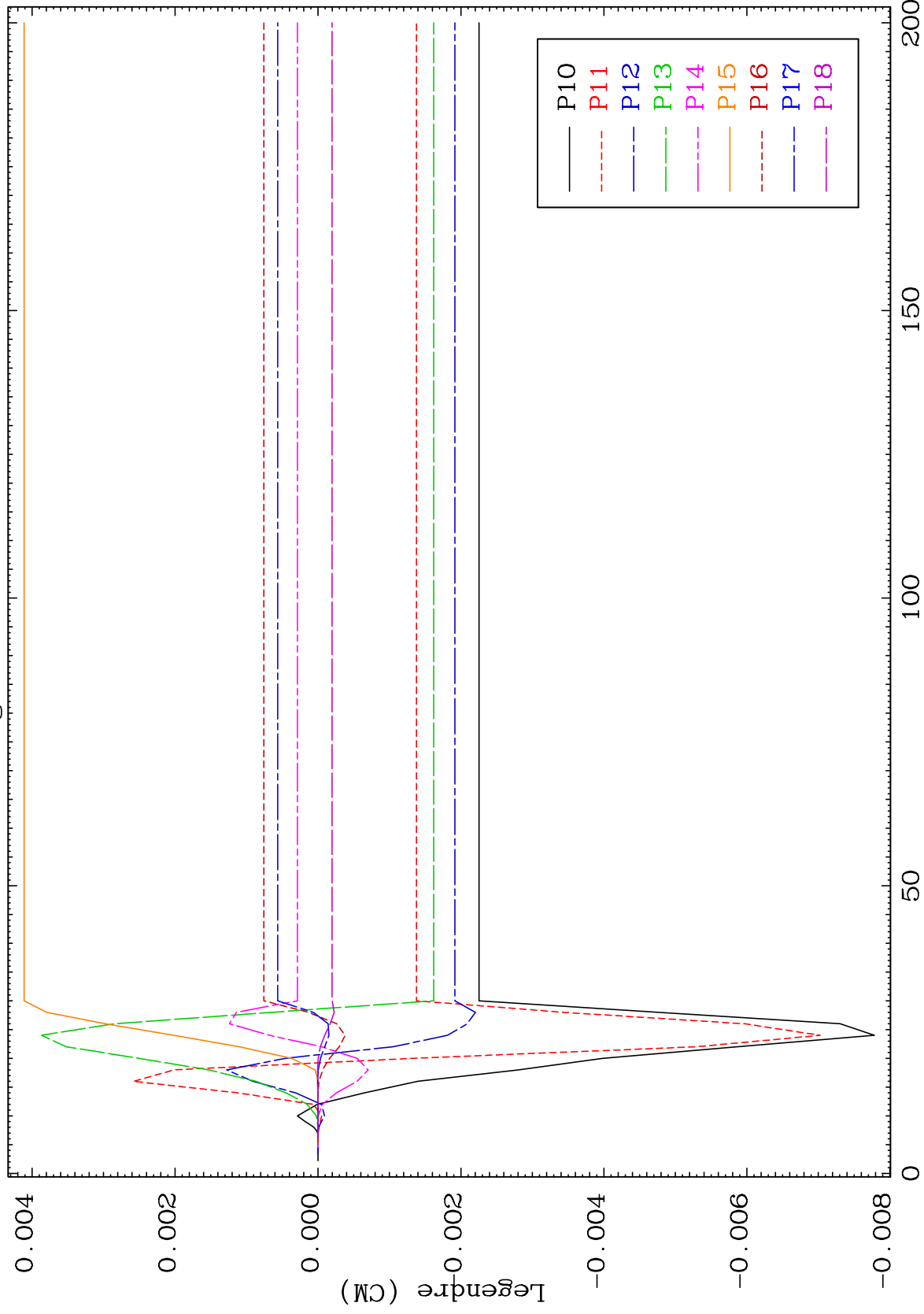
53-I -129



53-I -129

Incident Energy (MeV)

90

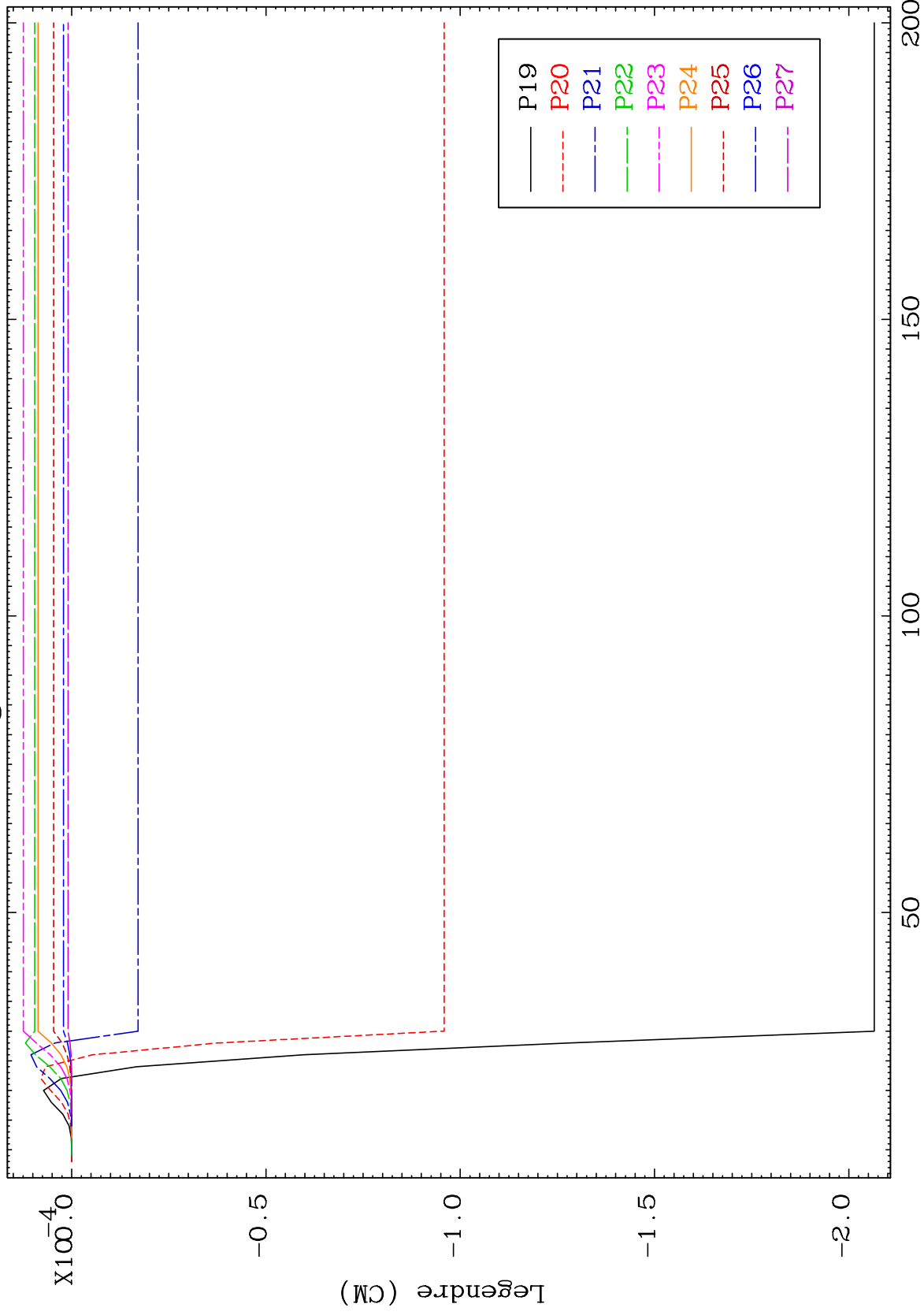


MAT 5331

MT= 69 (n,n') Level

53-I -129

Legendre Coefficients



92

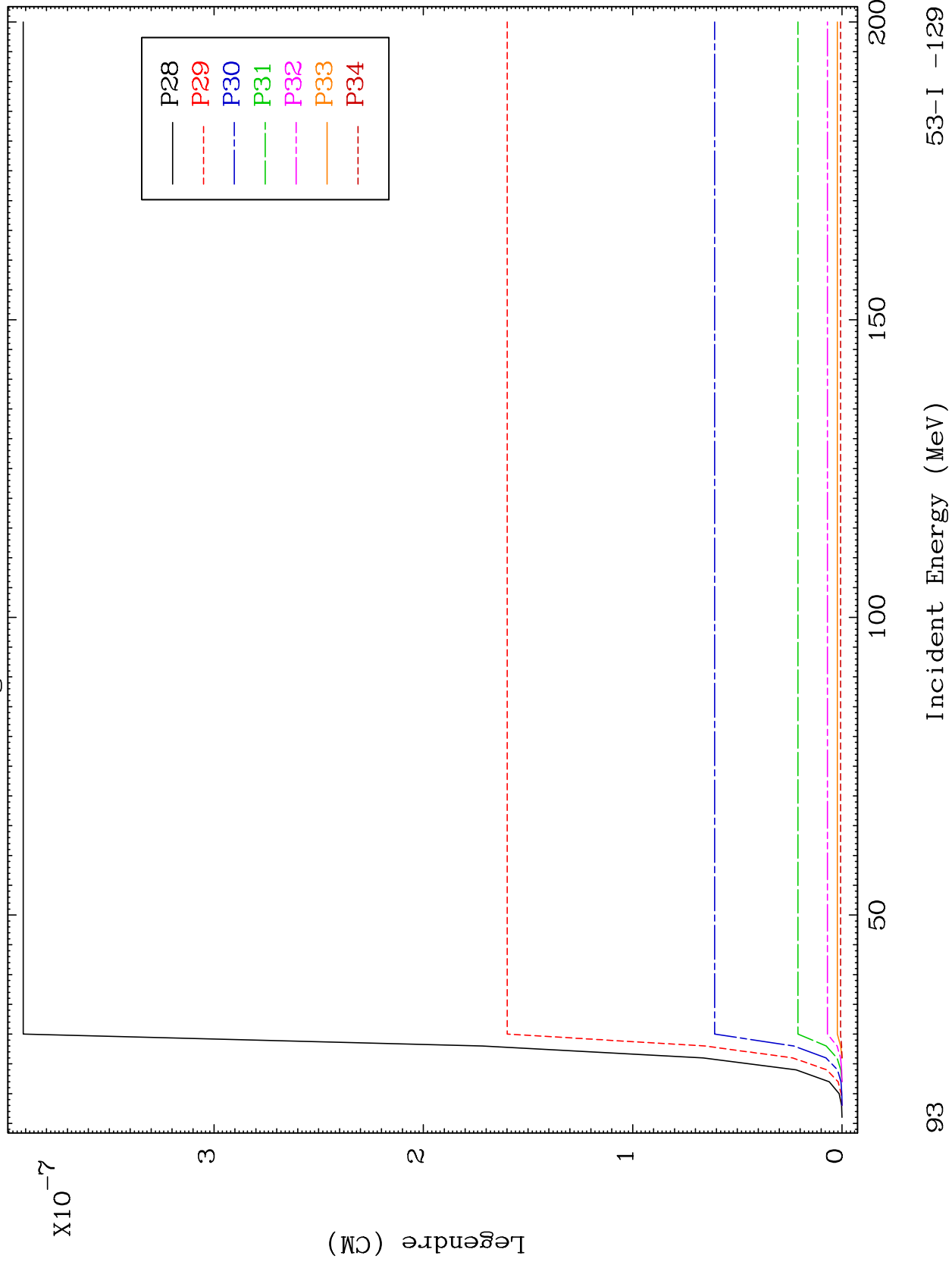
Incident Energy (MeV)

53-I -129

MAT 5331

MT= 69 (n,n') Level  
Legendre Coefficients

53-I -129



93

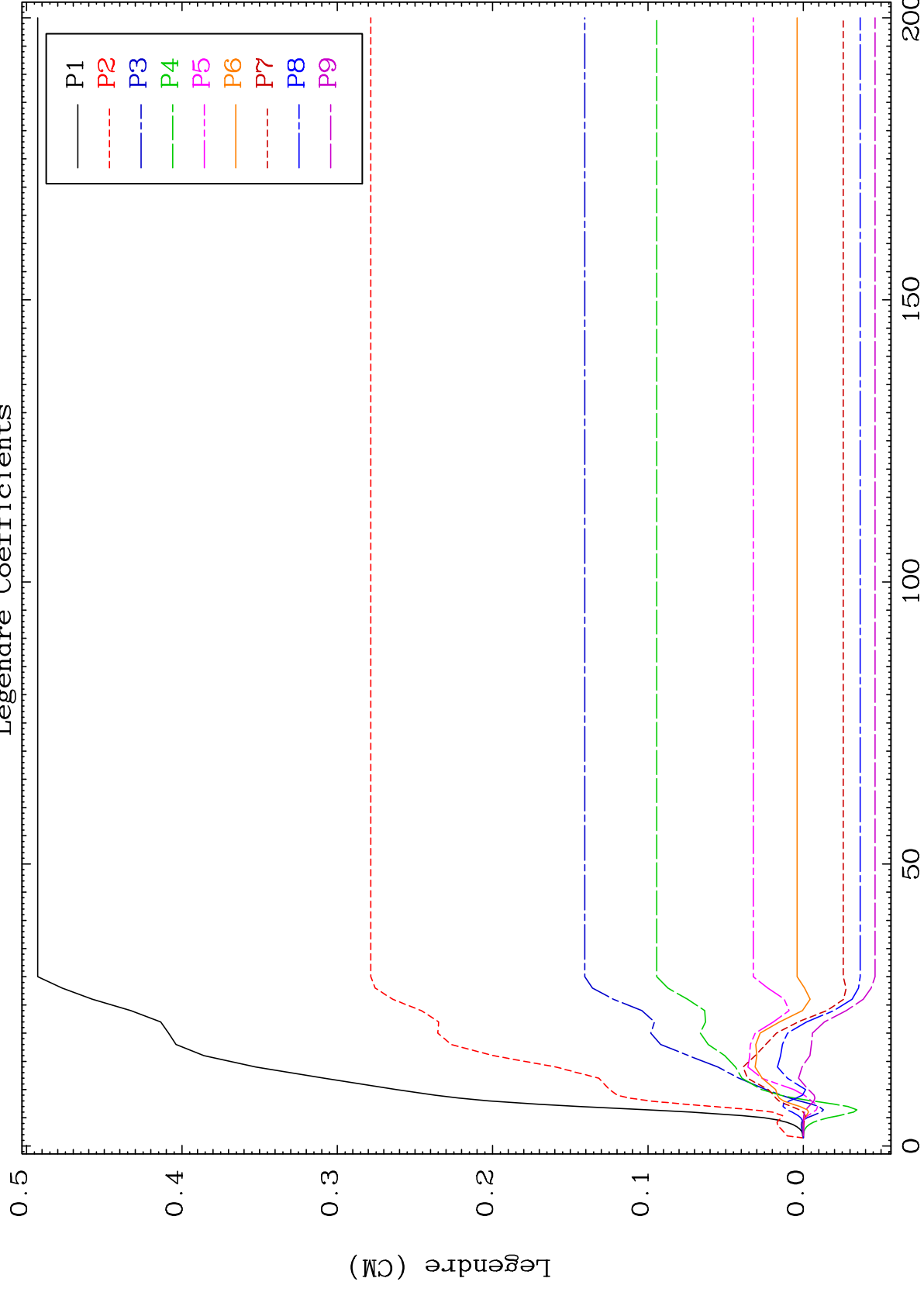
53-I -129

MAT 5331

MT= 70 (n,n') Level

53-I -129

Legendre Coefficients



94

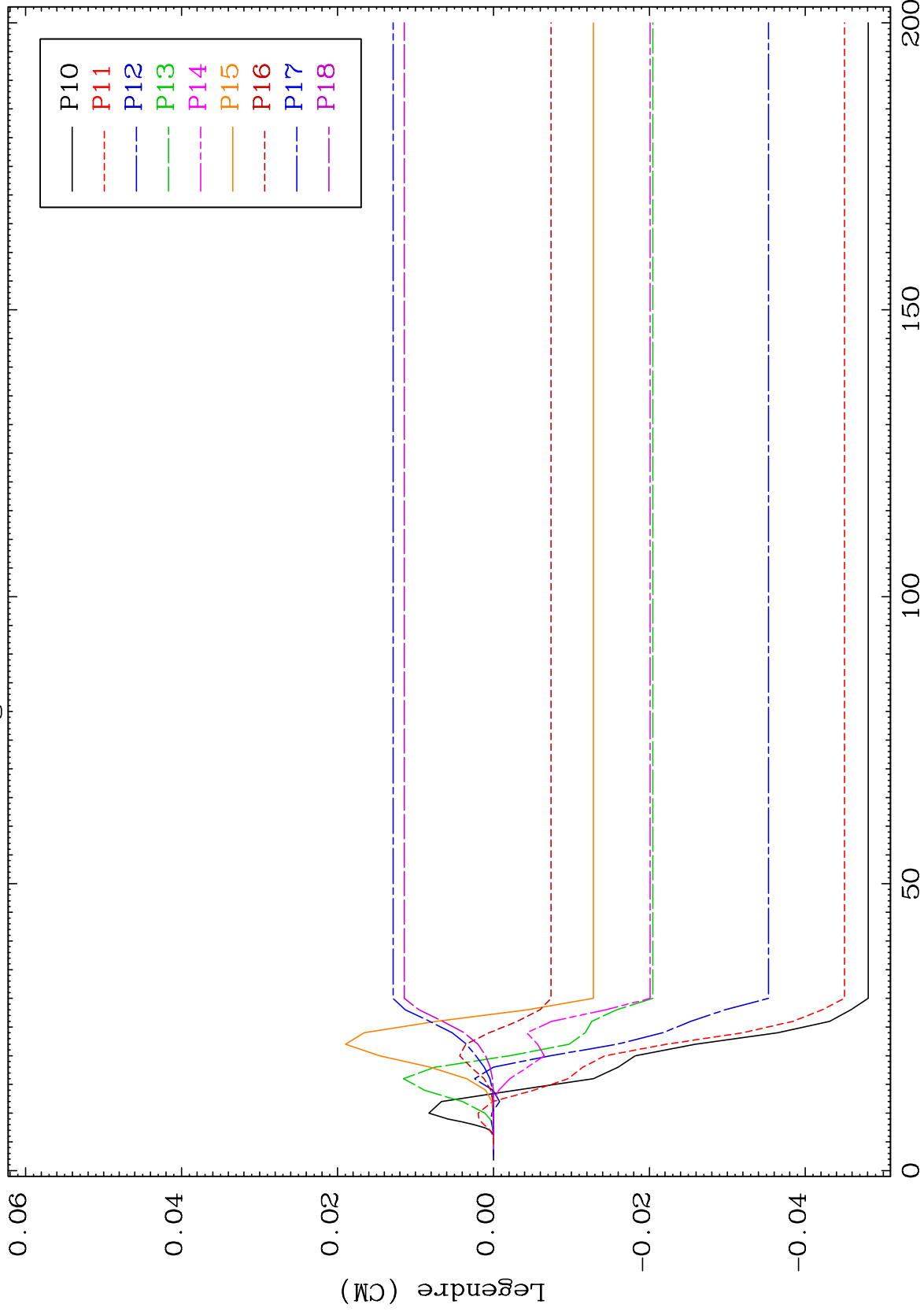
Incident Energy (MeV)

53-I -129

MAT 5331

MT= 70 (n,n') Level  
Legendre Coefficients

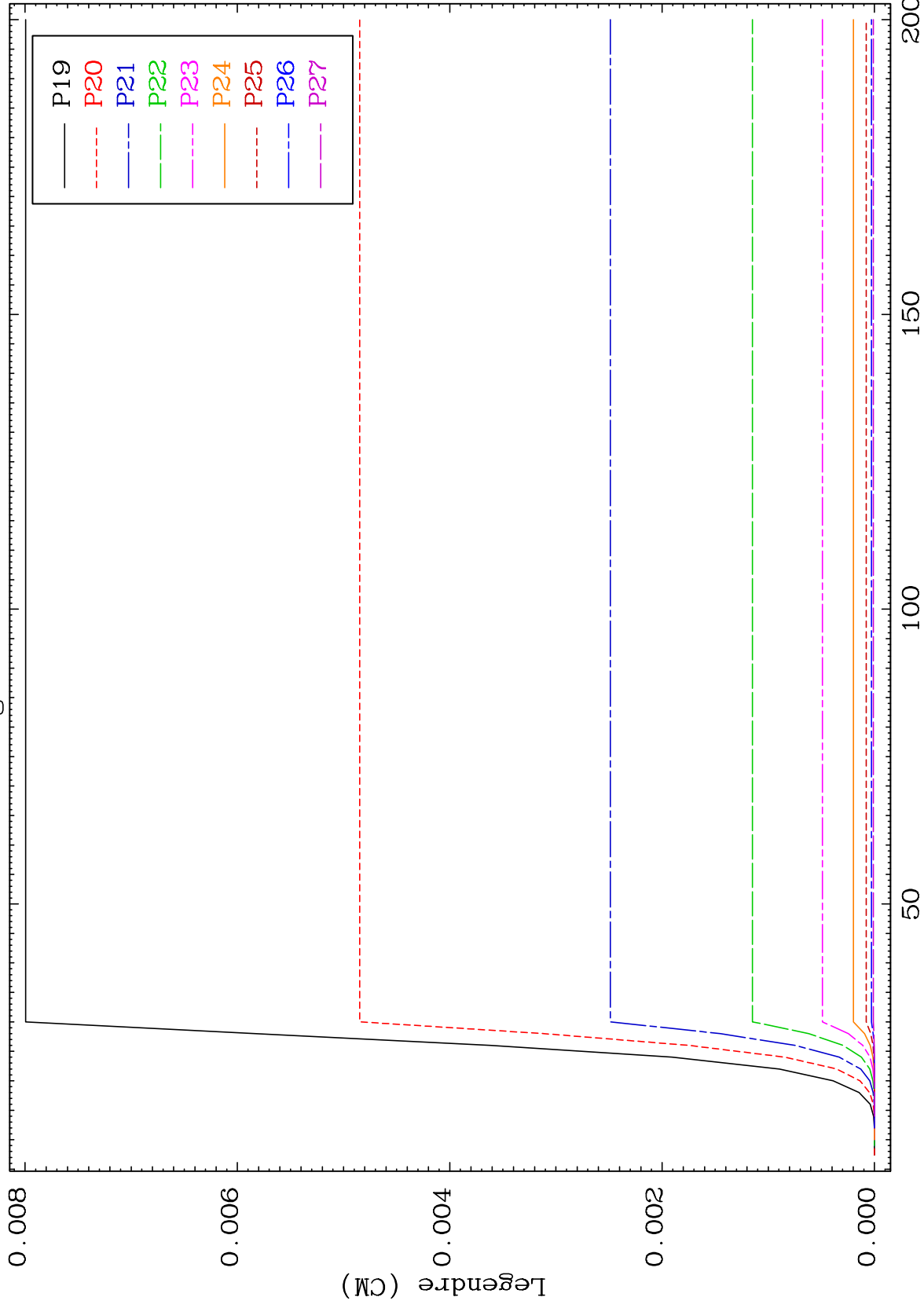
53-I -129

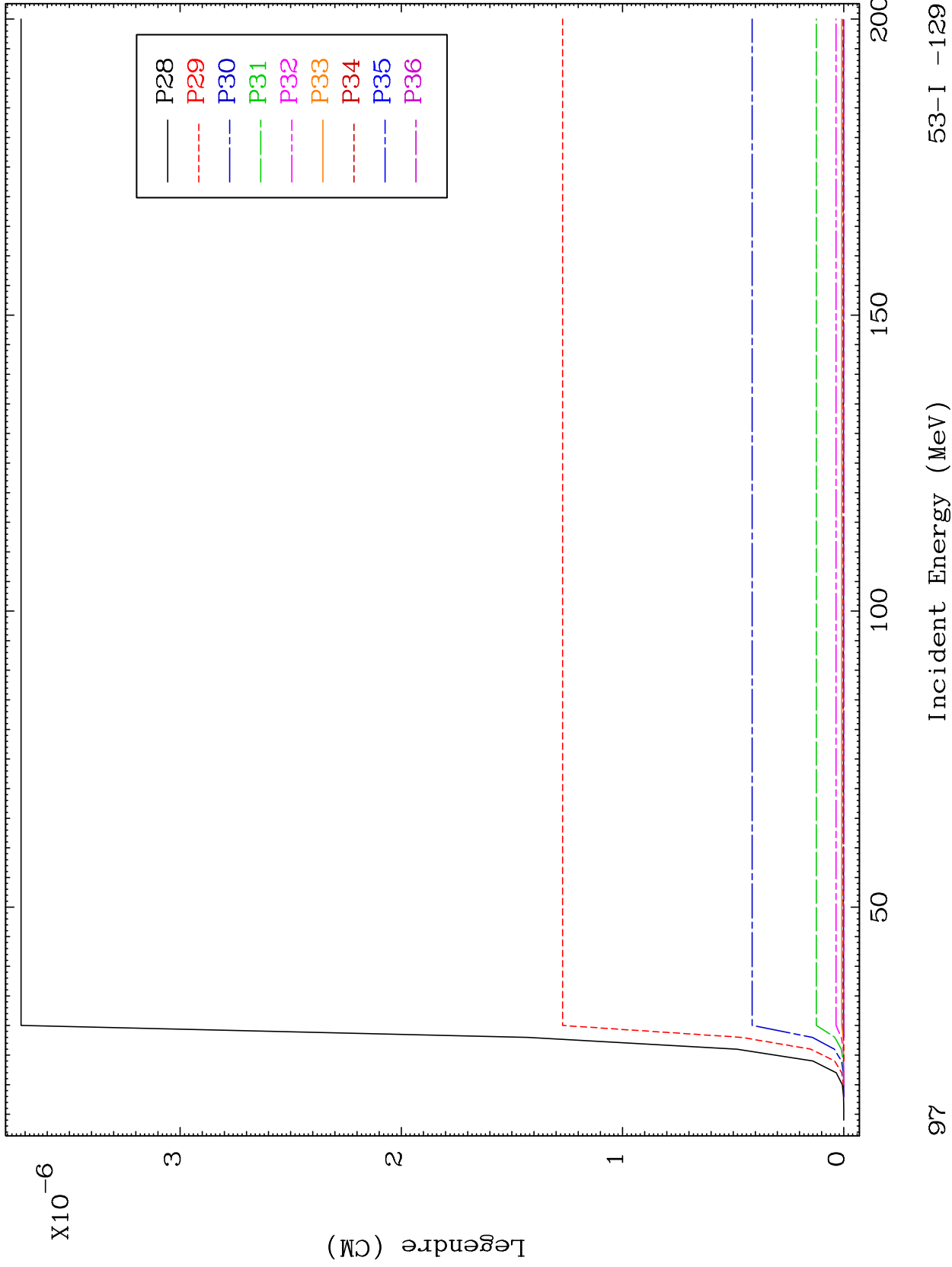


95

Incident Energy (MeV)

53-I -129

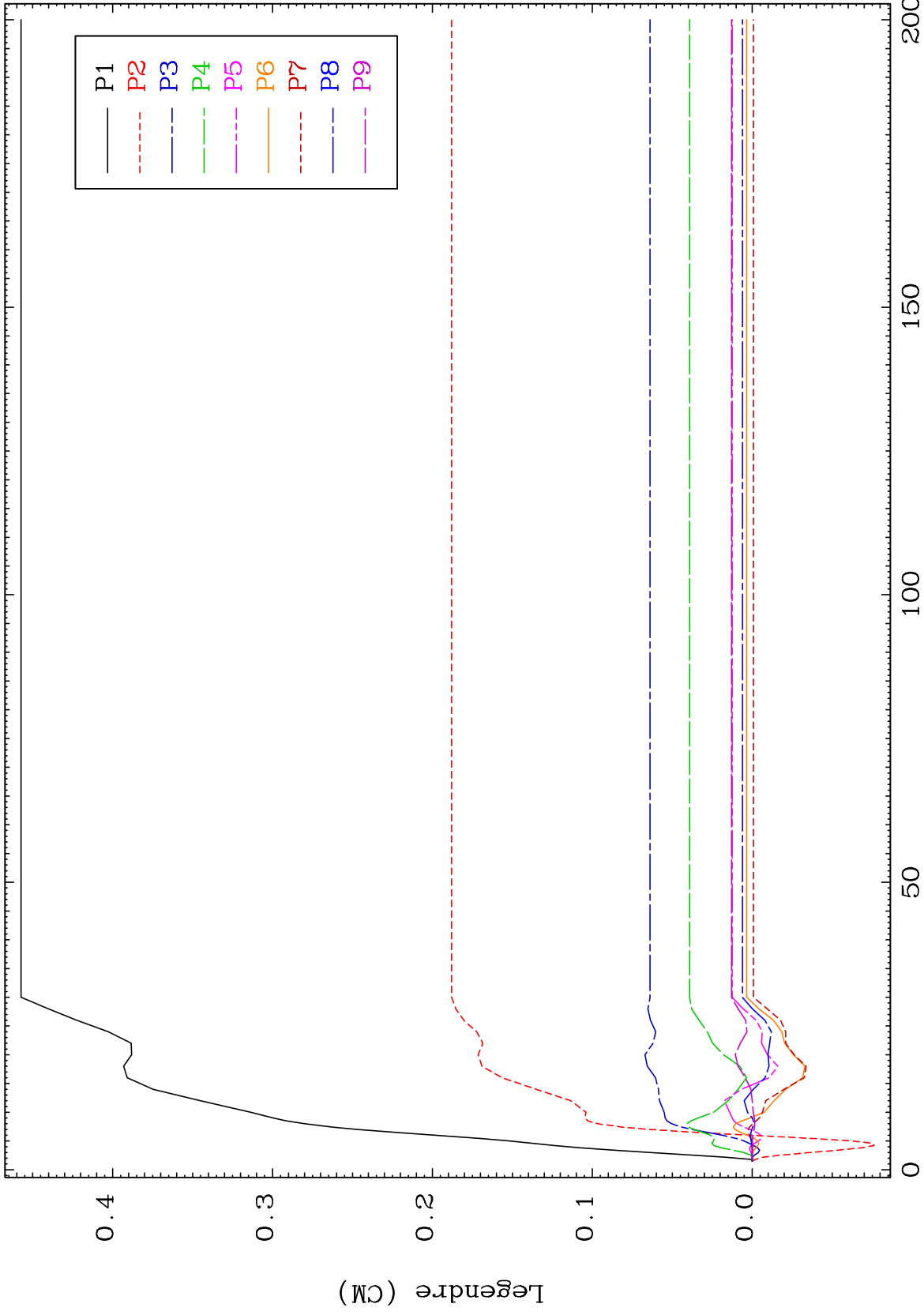




MAT 5331

MT= 71 (n,n') Level  
Legendre Coefficients

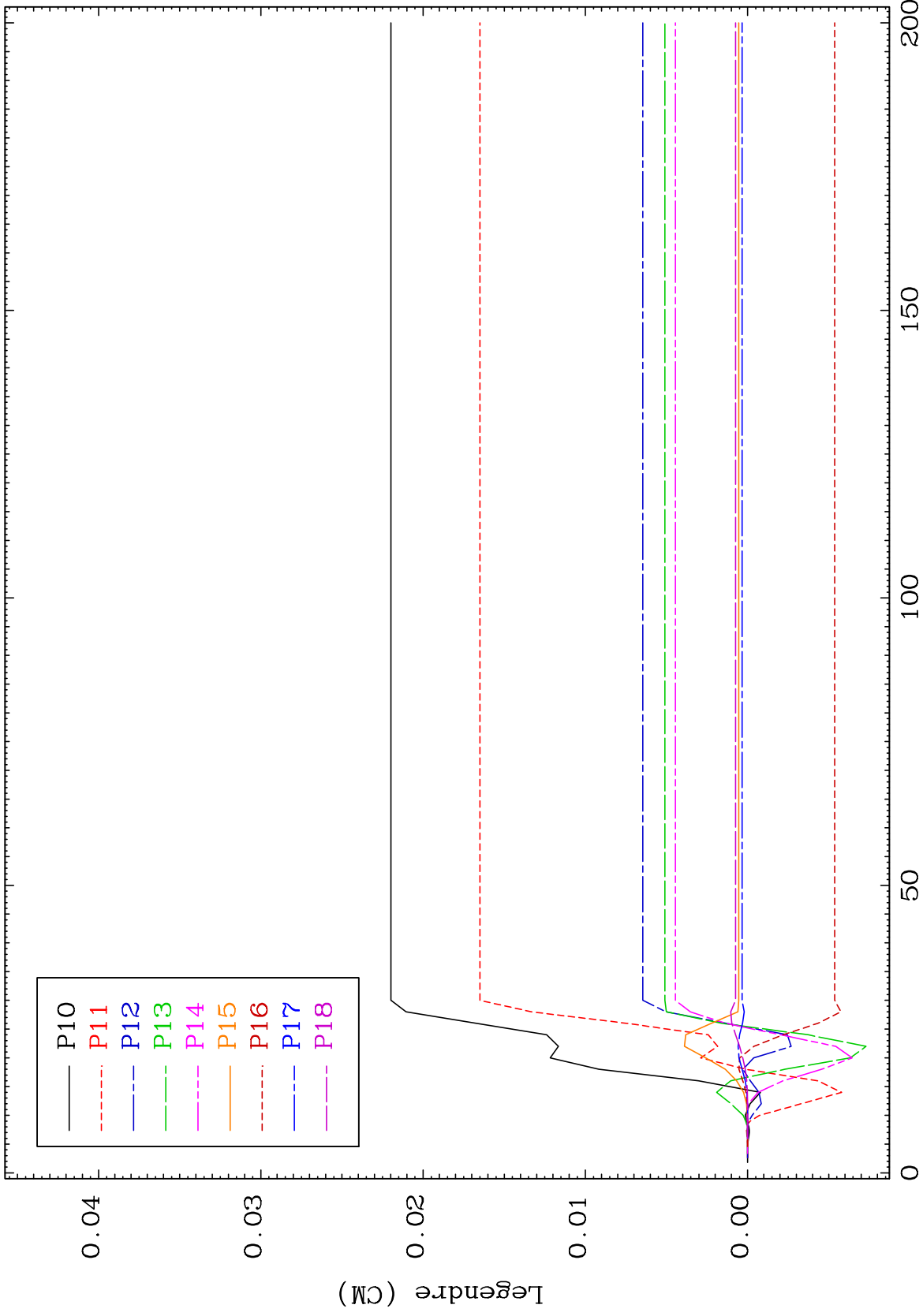
53-I -129



98

Incident Energy (MeV)

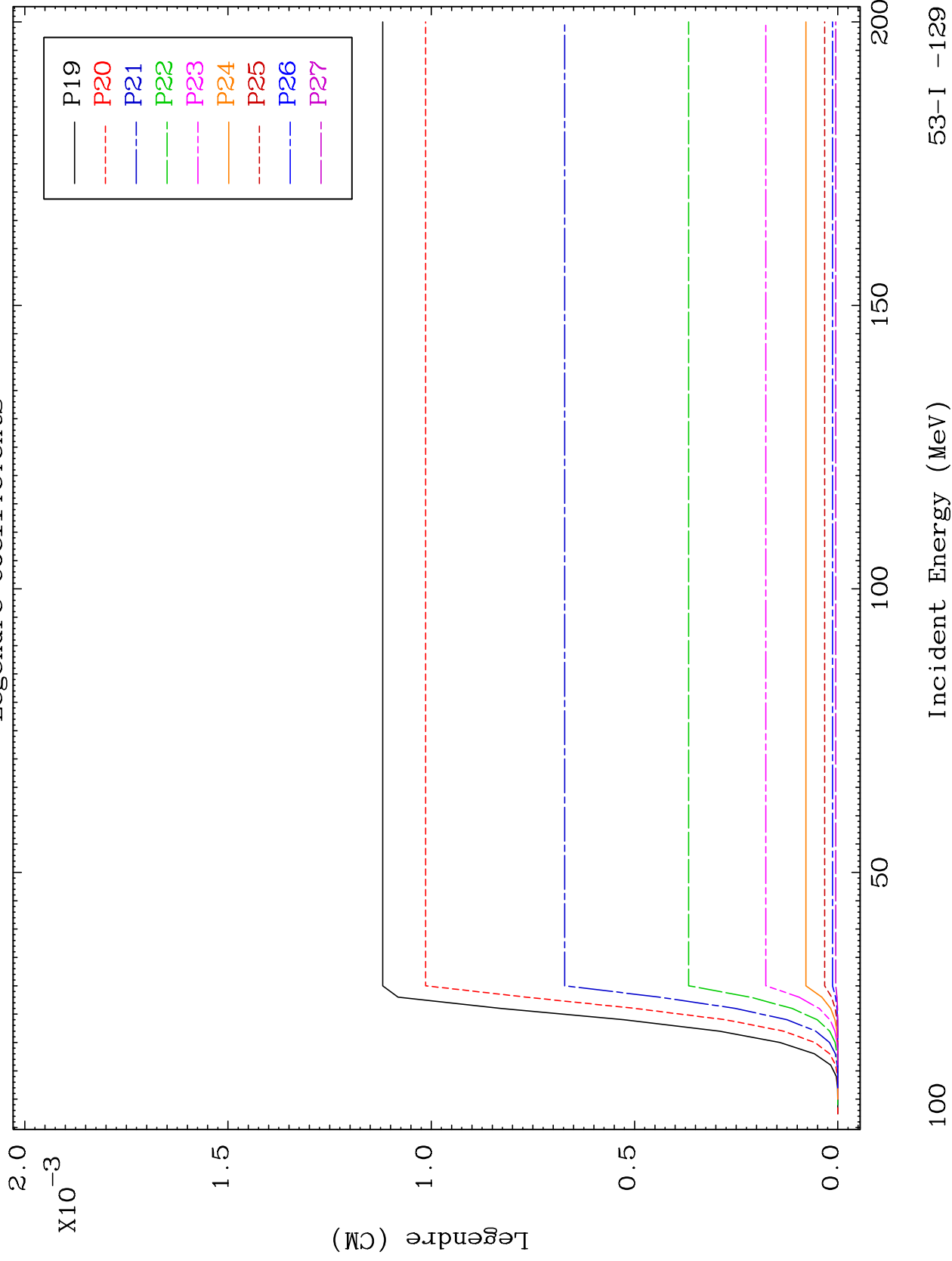
53-I -129



MAT 5331

MT= 71 (n,n') Level  
Legendre Coefficients

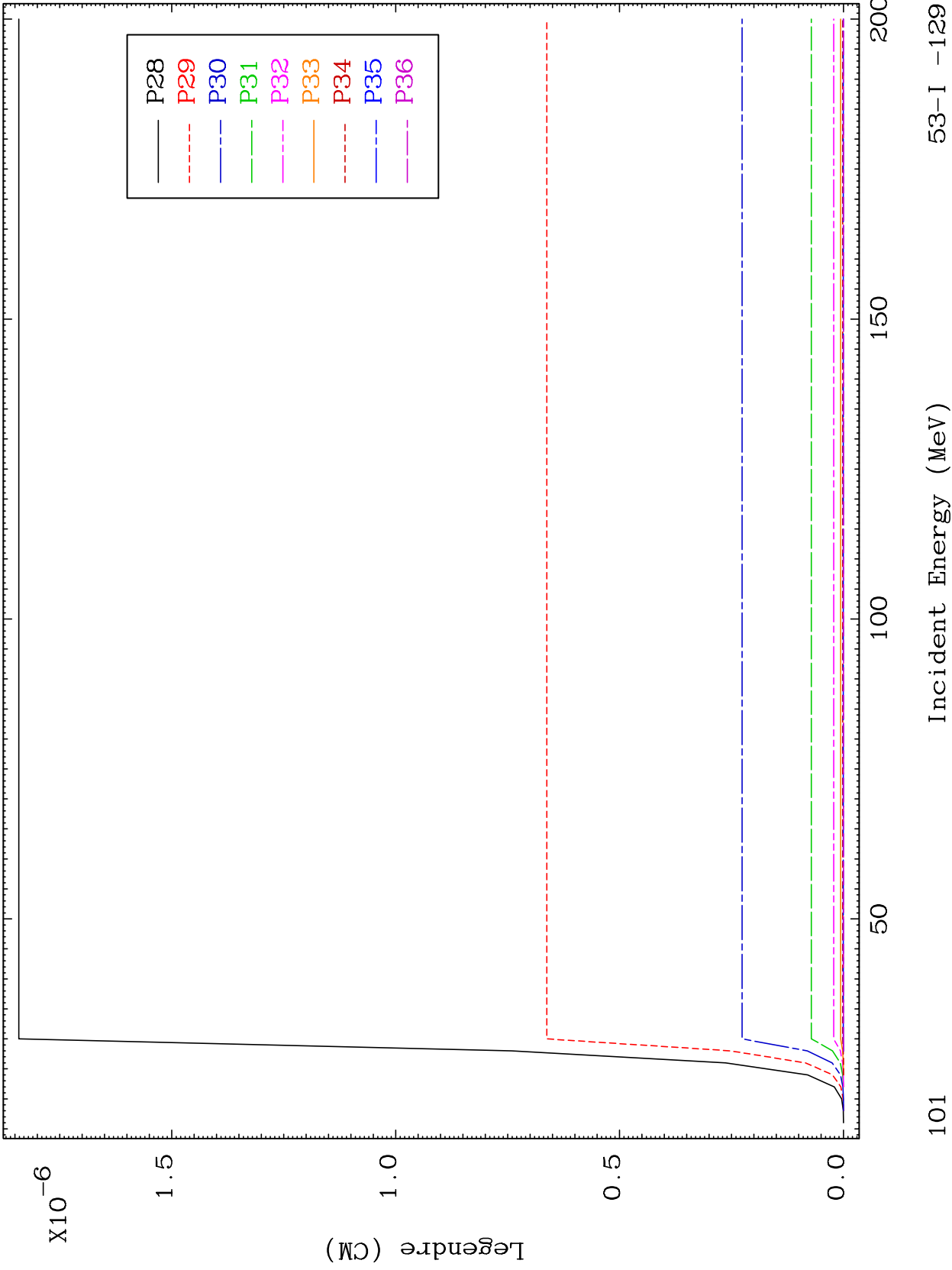
53-I -129



53-I -129

Incident Energy (MeV)

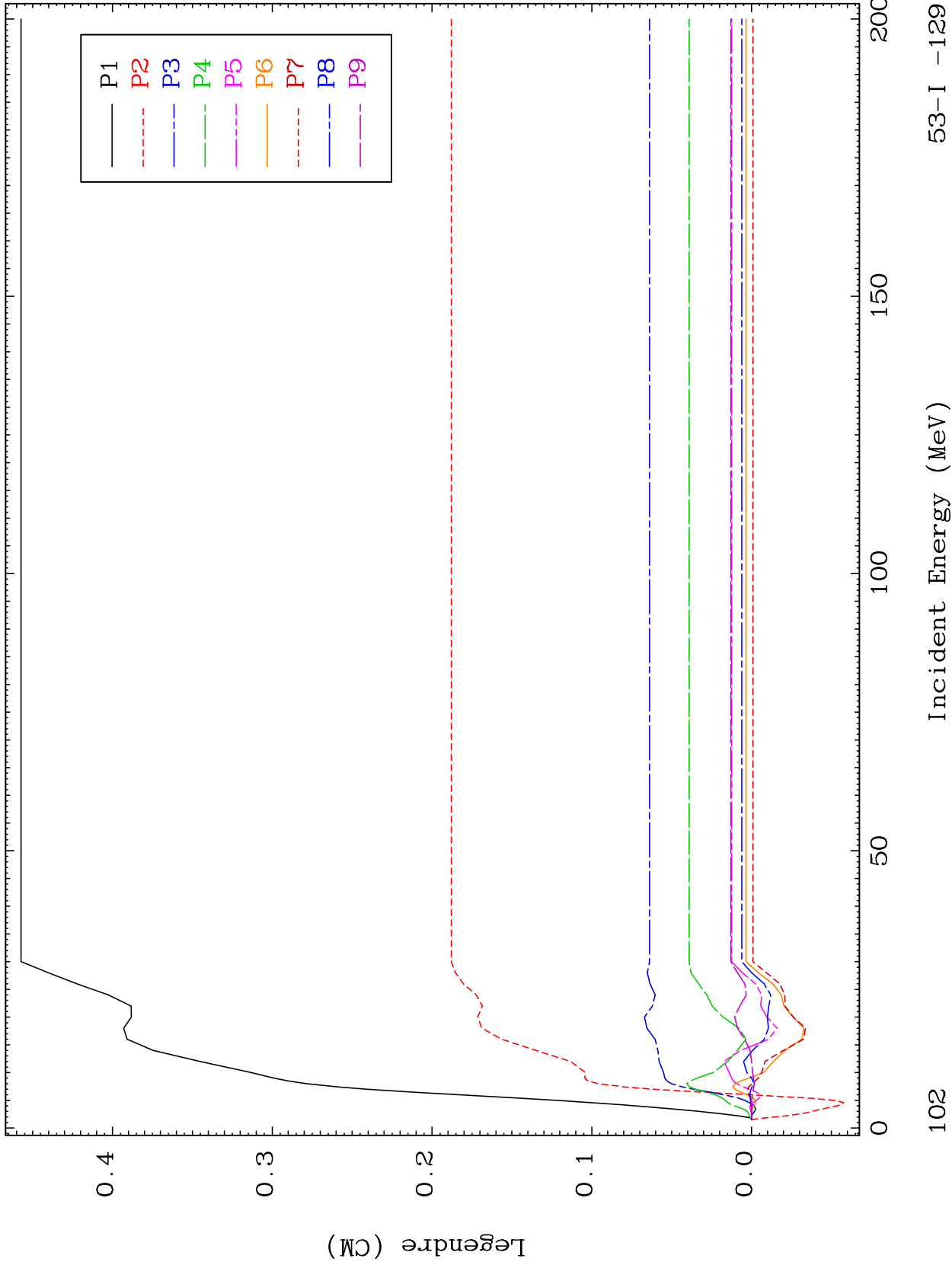
100



MAT 5331

MT= 72 (n,n') Level  
Legendre Coefficients

53-I -129

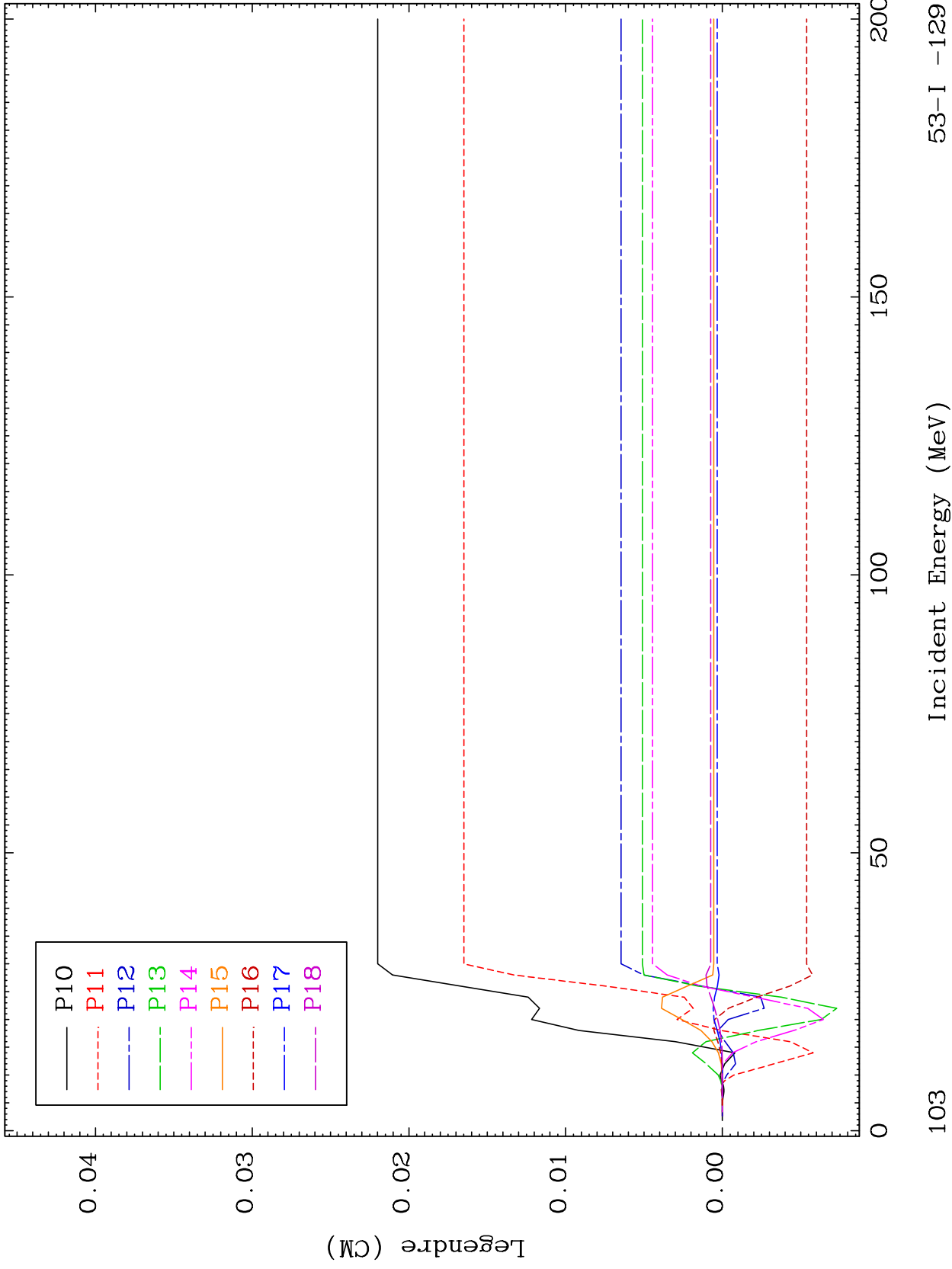


53-I -129

MAT 5331

MT= 72 (n,n') Level  
Legendre Coefficients

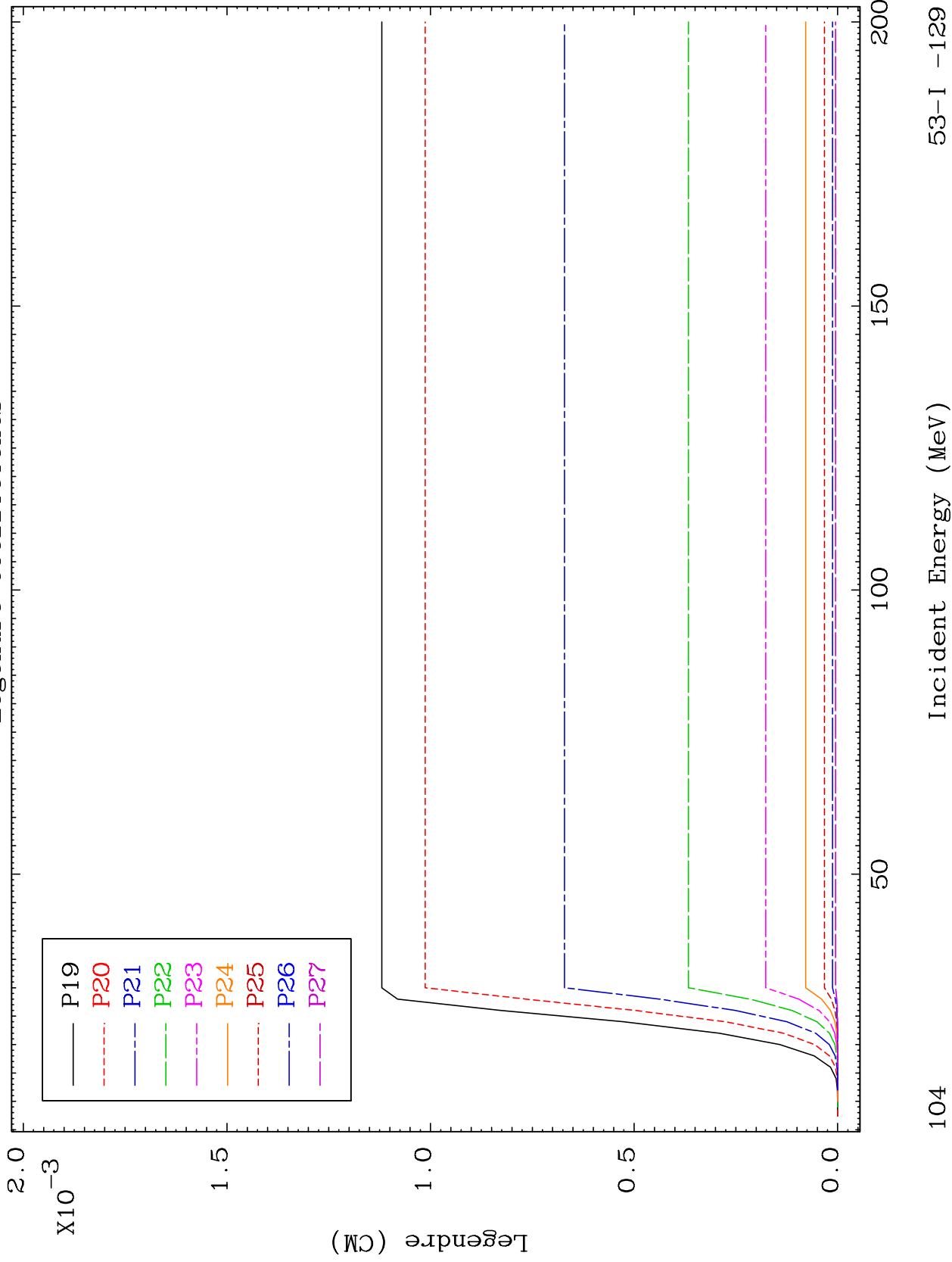
53-I -129



103

Incident Energy (MeV)

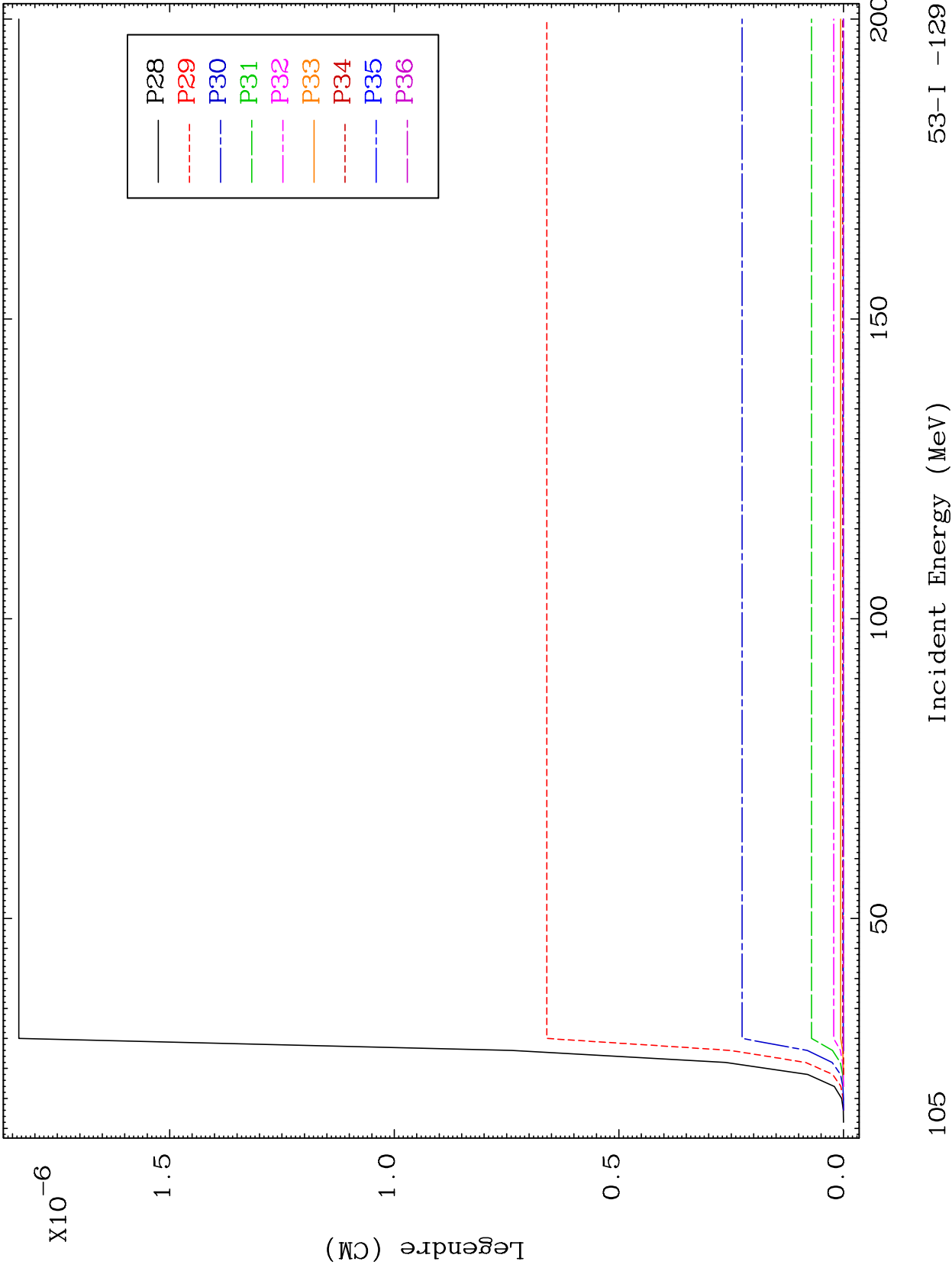
53-I -129



MAT 5331

MT= 72 (n,n') Level  
Legendre Coefficients

53-I -129



53-I -129

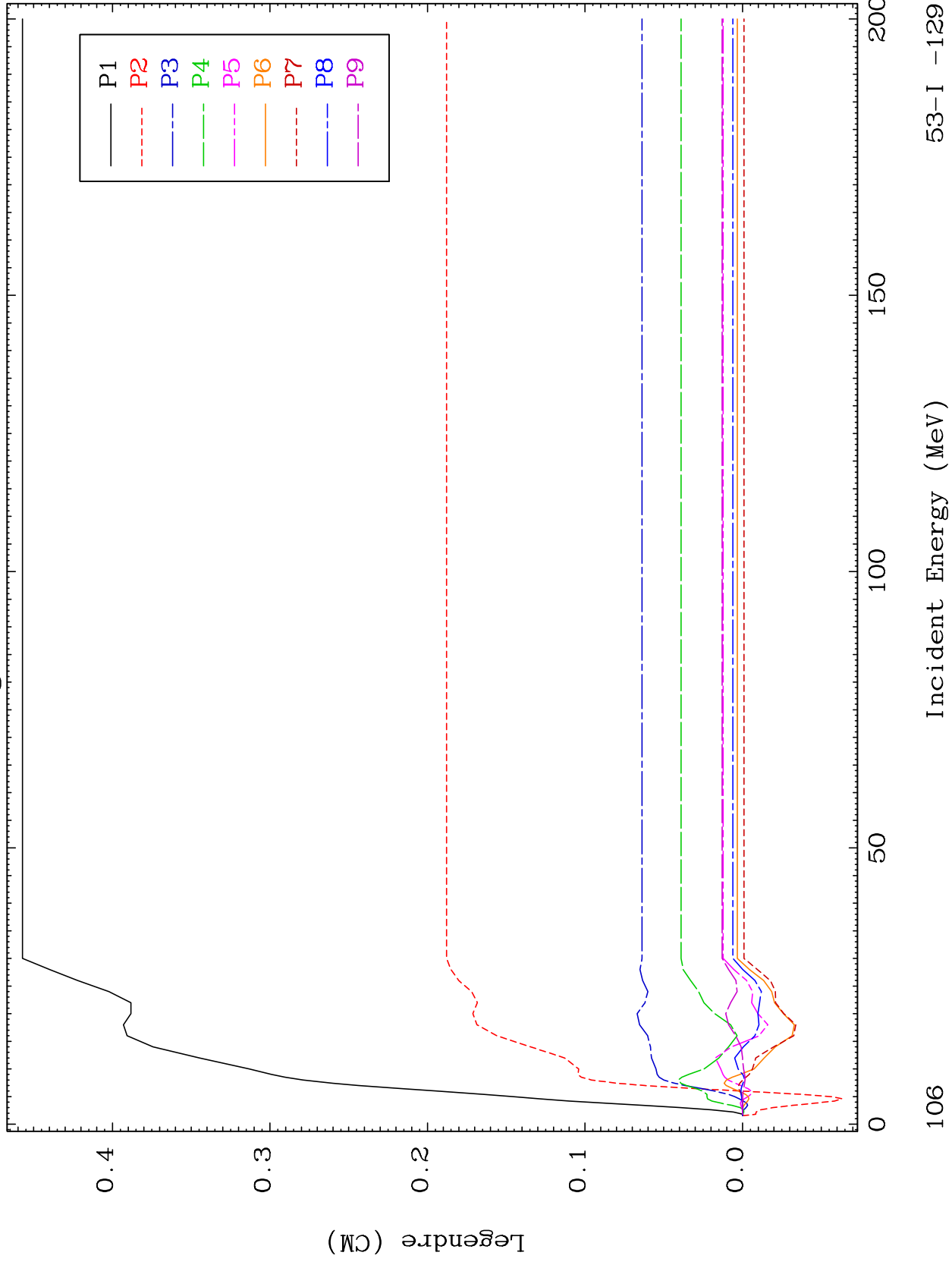
Incident Energy (MeV)

105

MAT 5331

MT= 73 (n,n') Level  
Legendre Coefficients

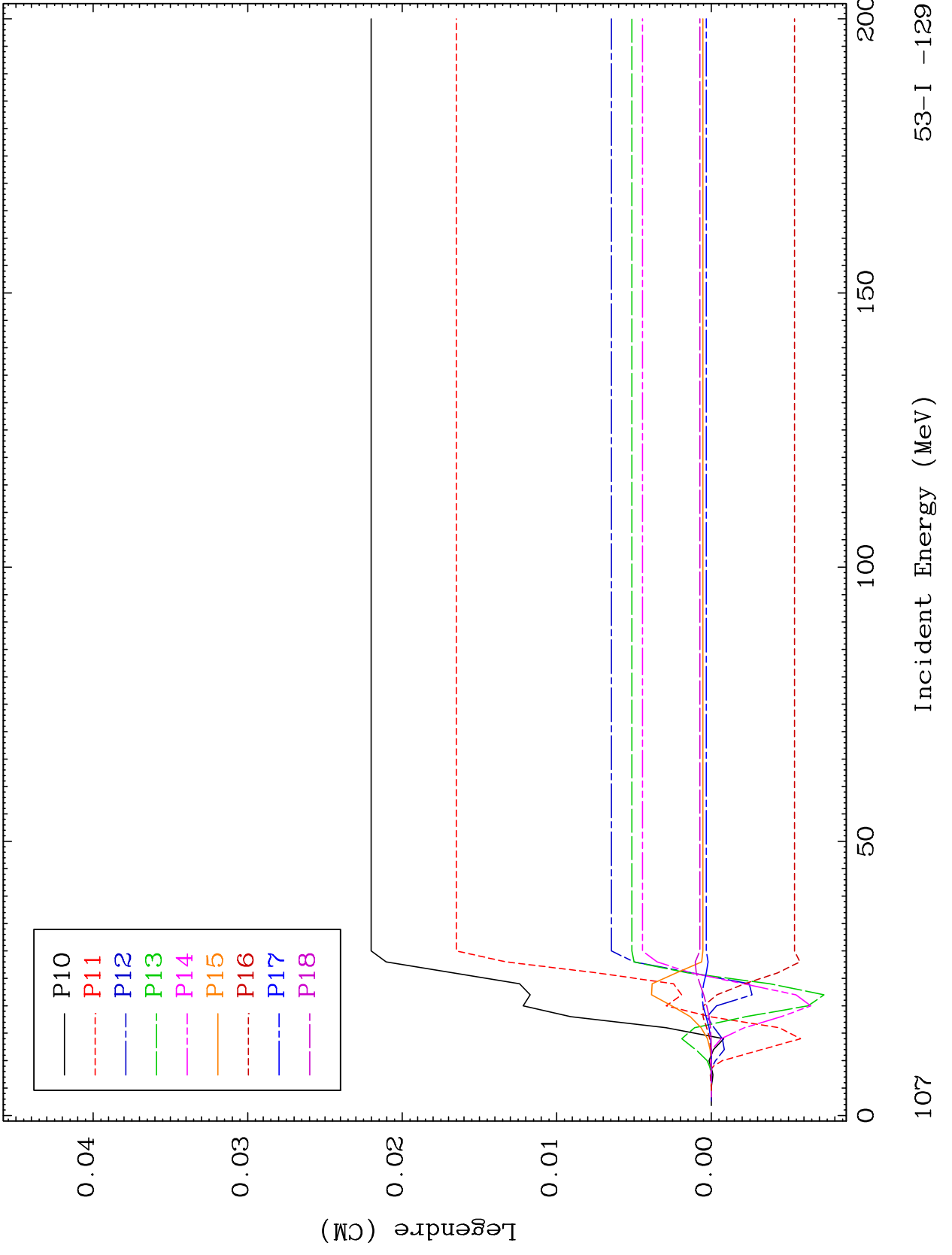
53-I -129

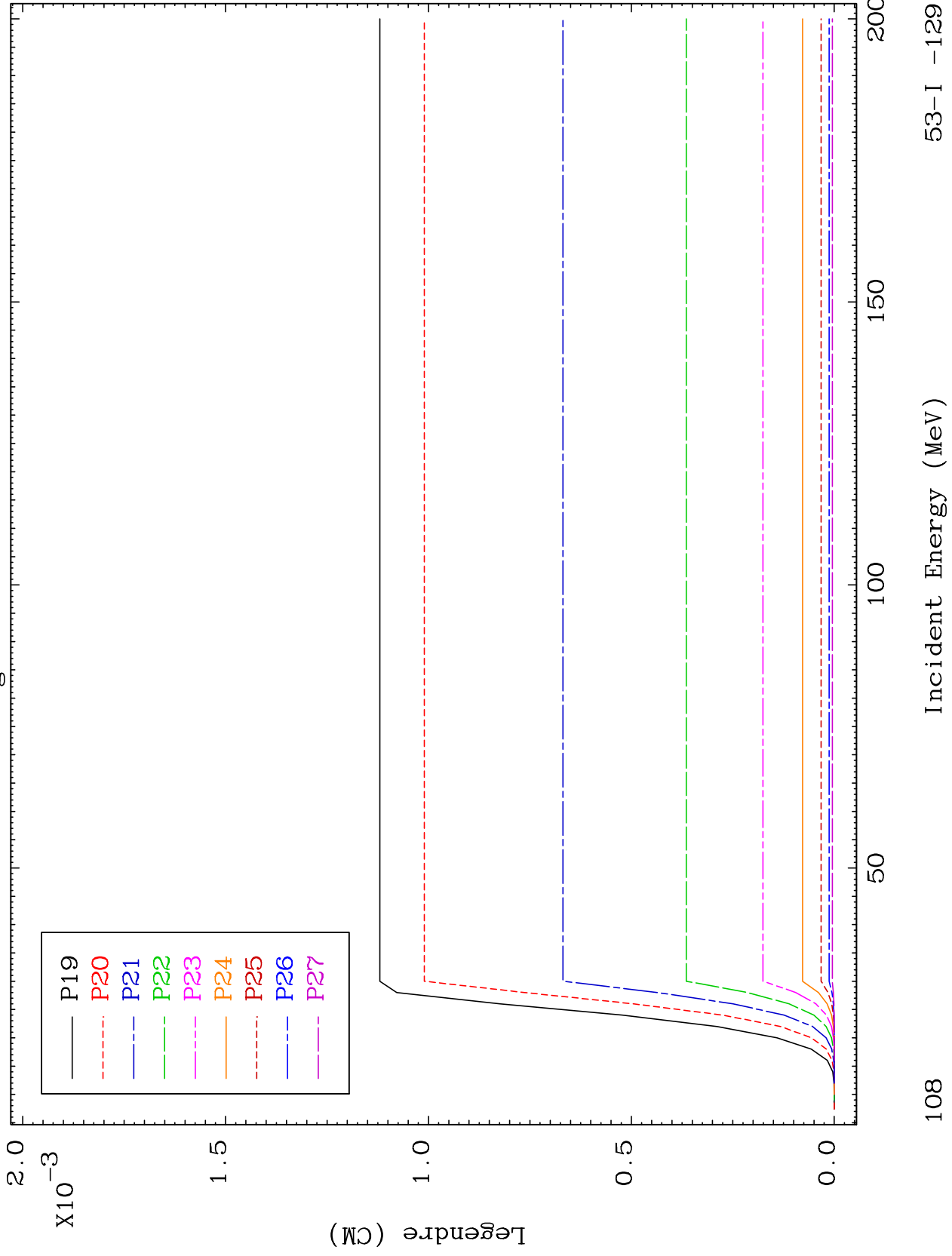


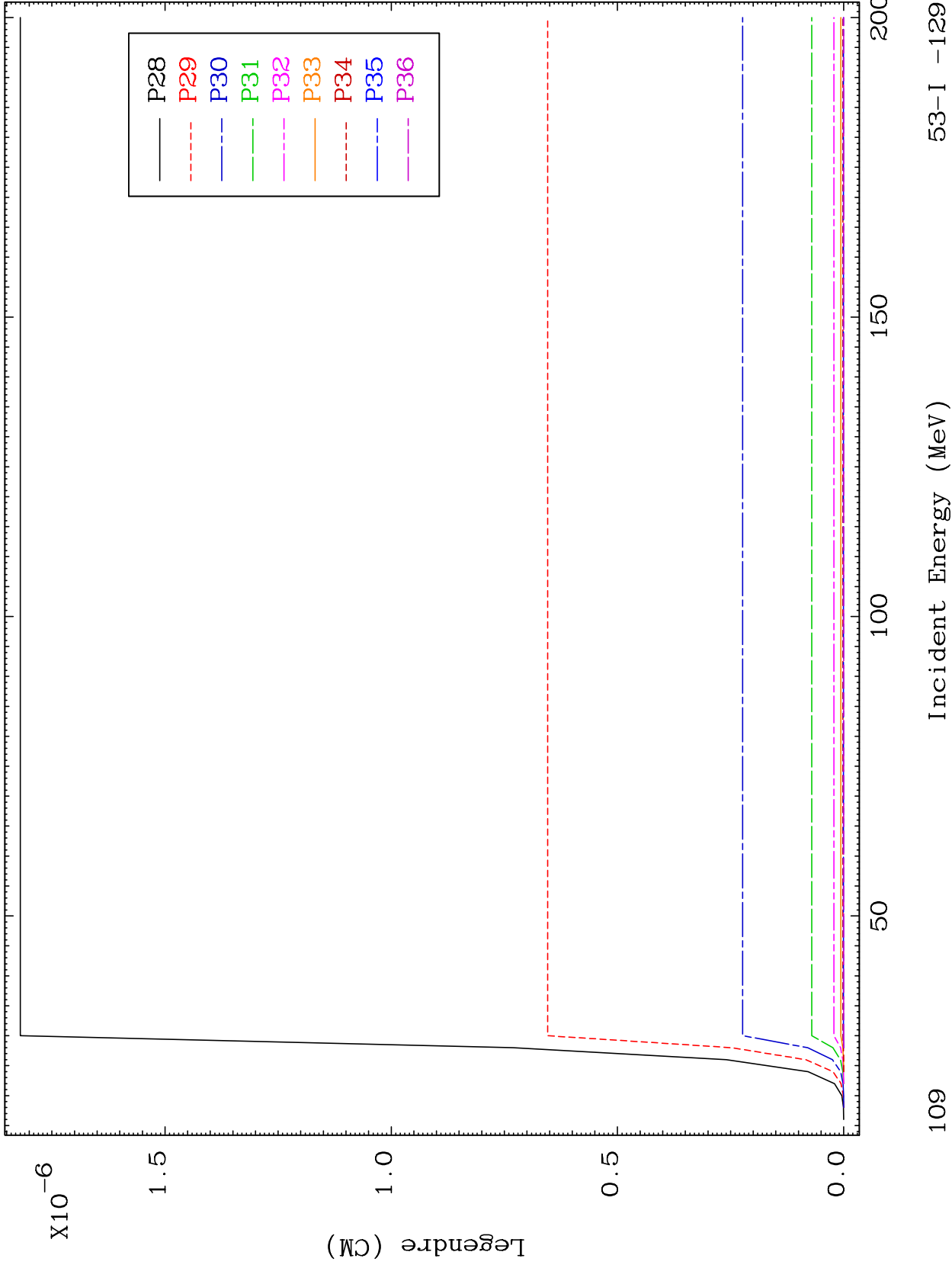
MAT 5331

MT= 73 (n,n') Level  
Legendre Coefficients

53-I -129



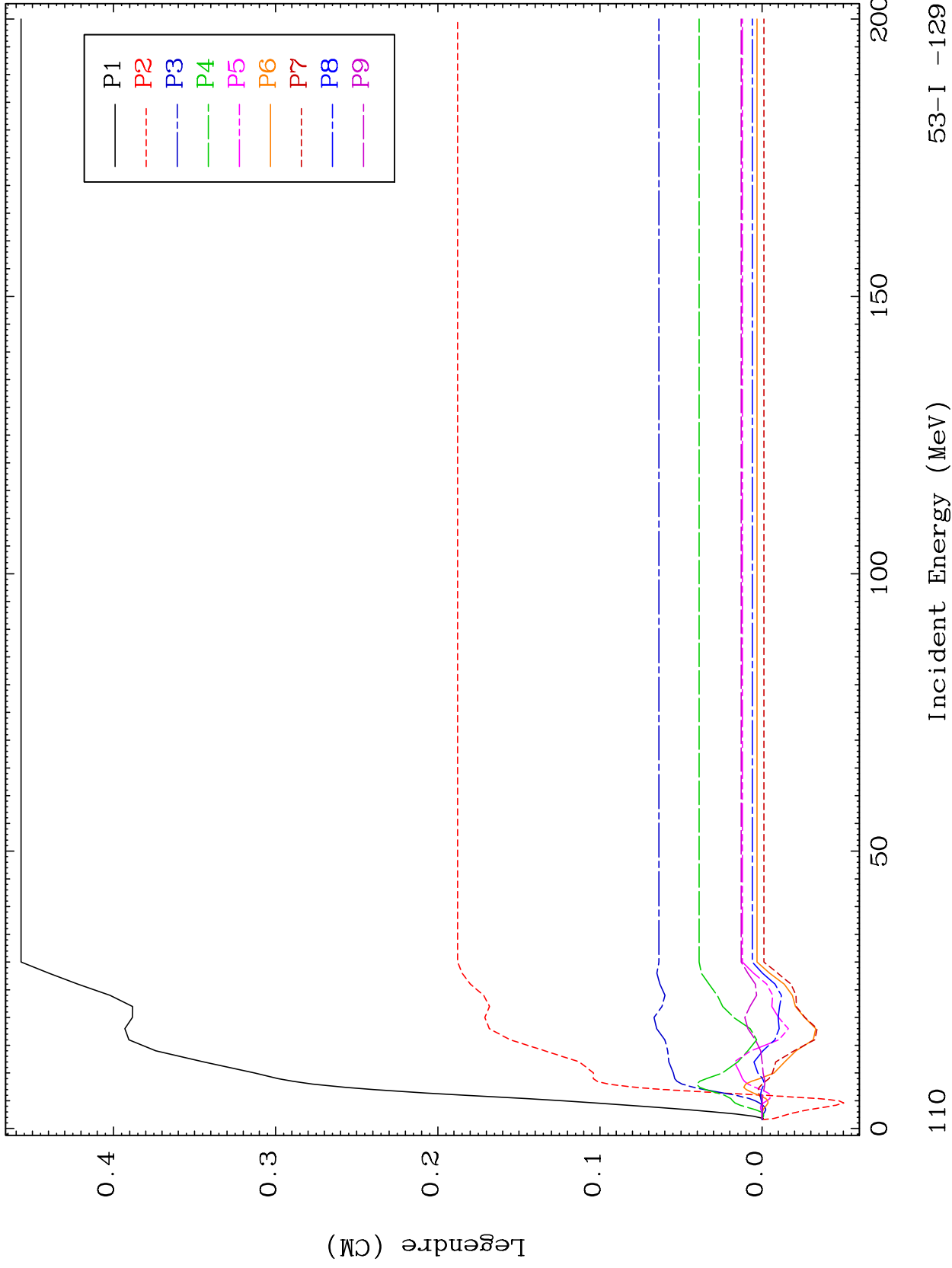


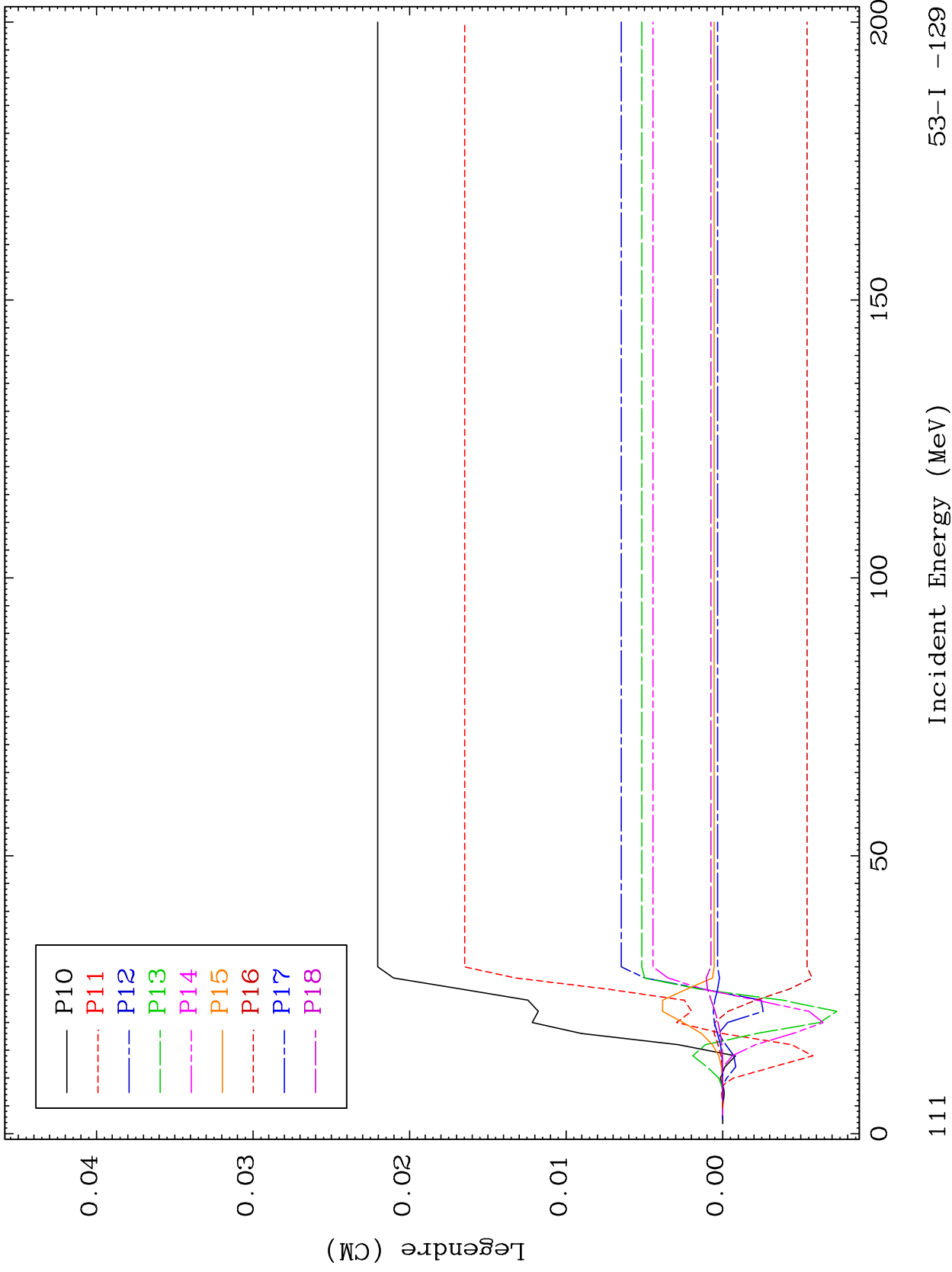


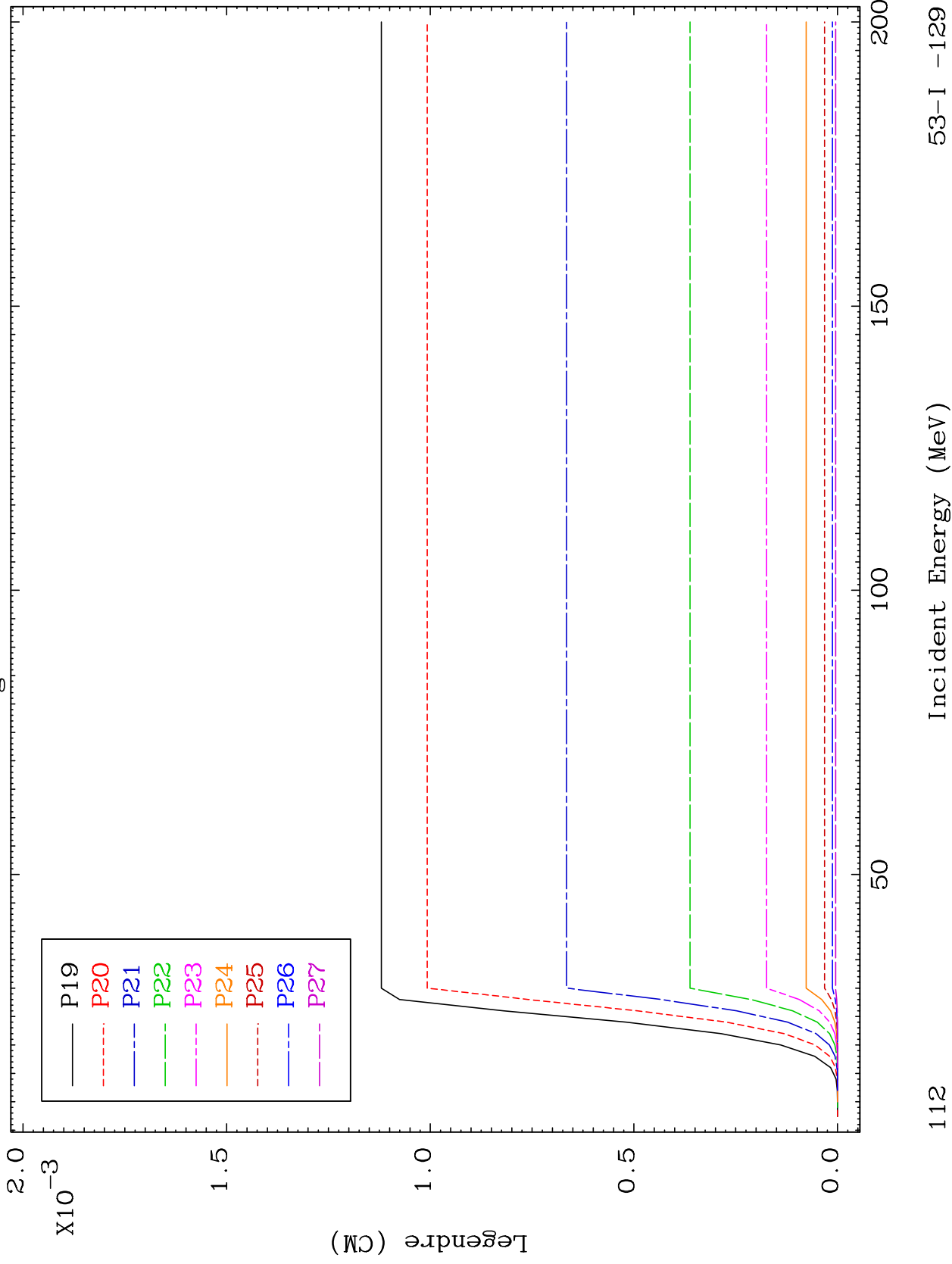
MAT 5331

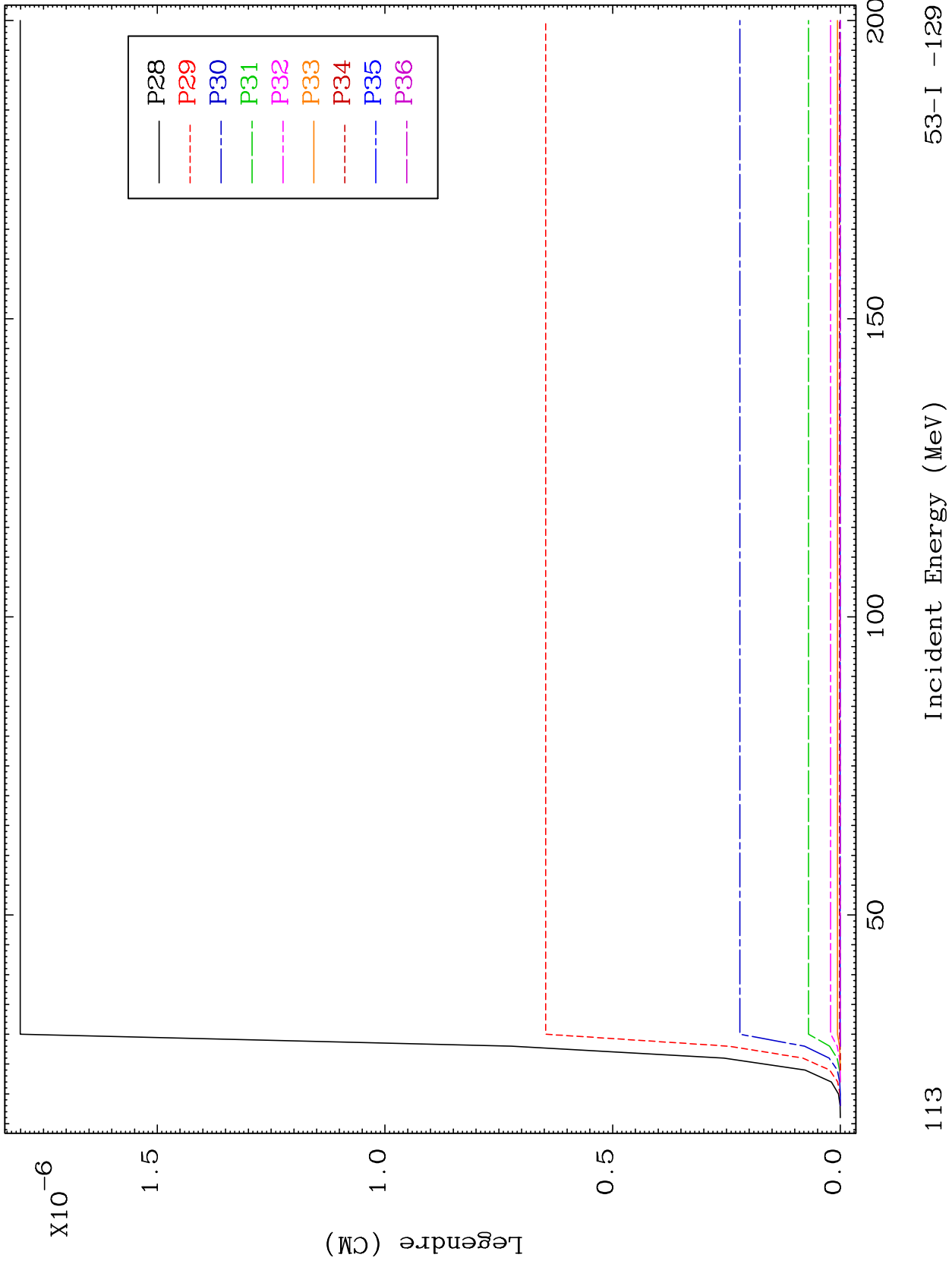
MT= 74 (n,n') Level  
Legendre Coefficients

53-I -129







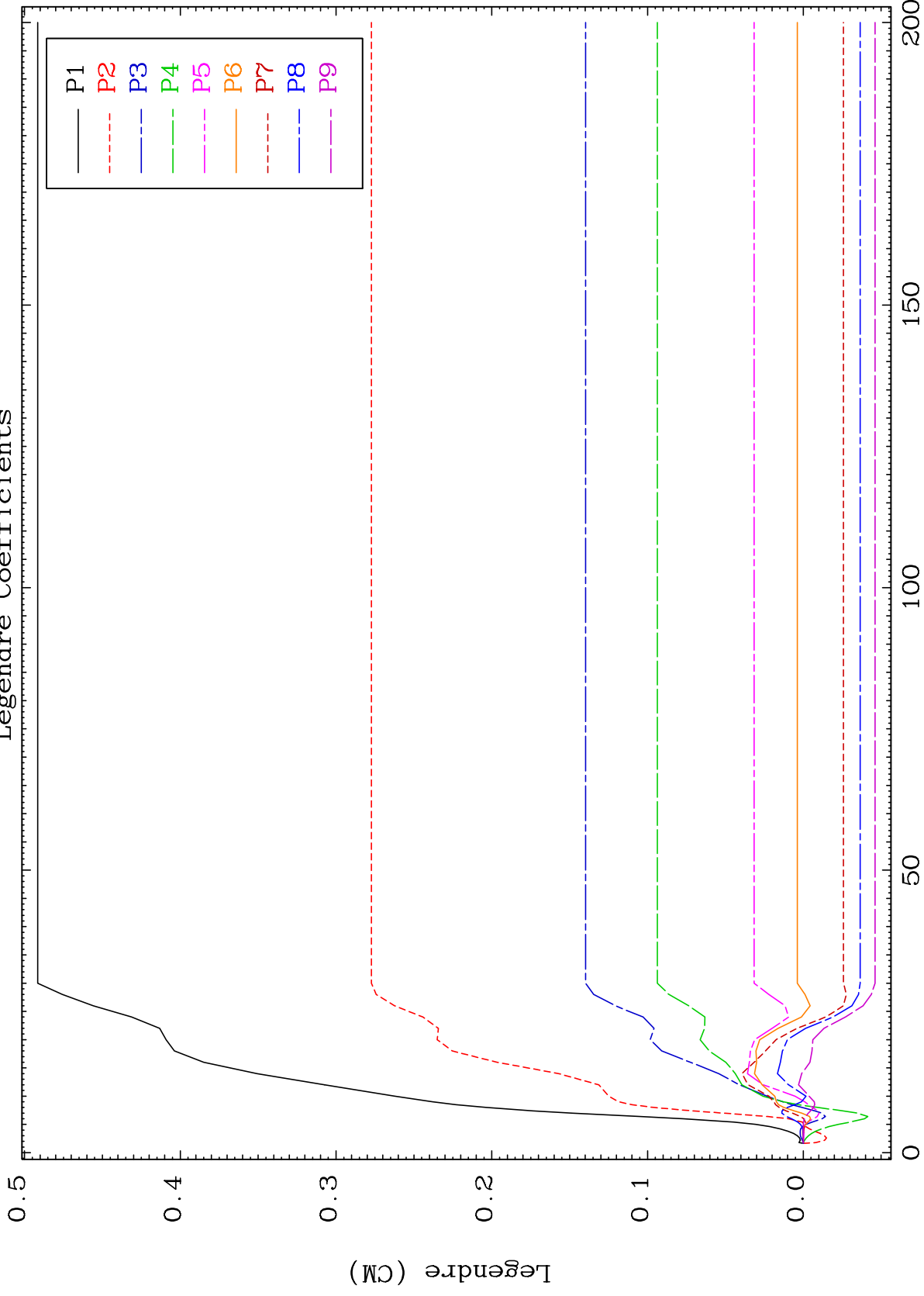


MAT 5331

MT= 75 (n,n') Level

53-I -129

Legendre Coefficients



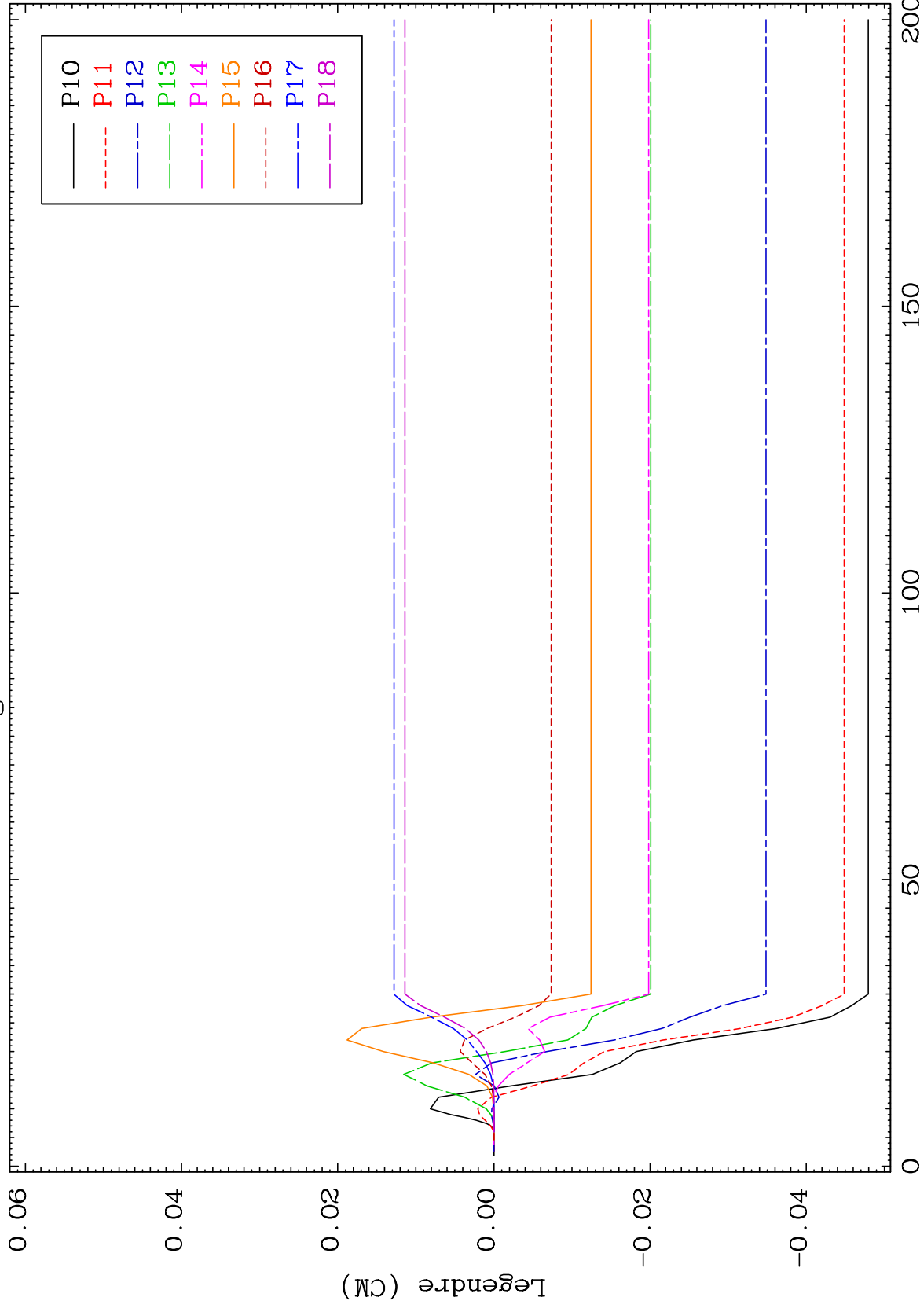
114

53-I -129

MAT 5331

MT= 75 (n,n') Level  
Legendre Coefficients

53-I -129



115

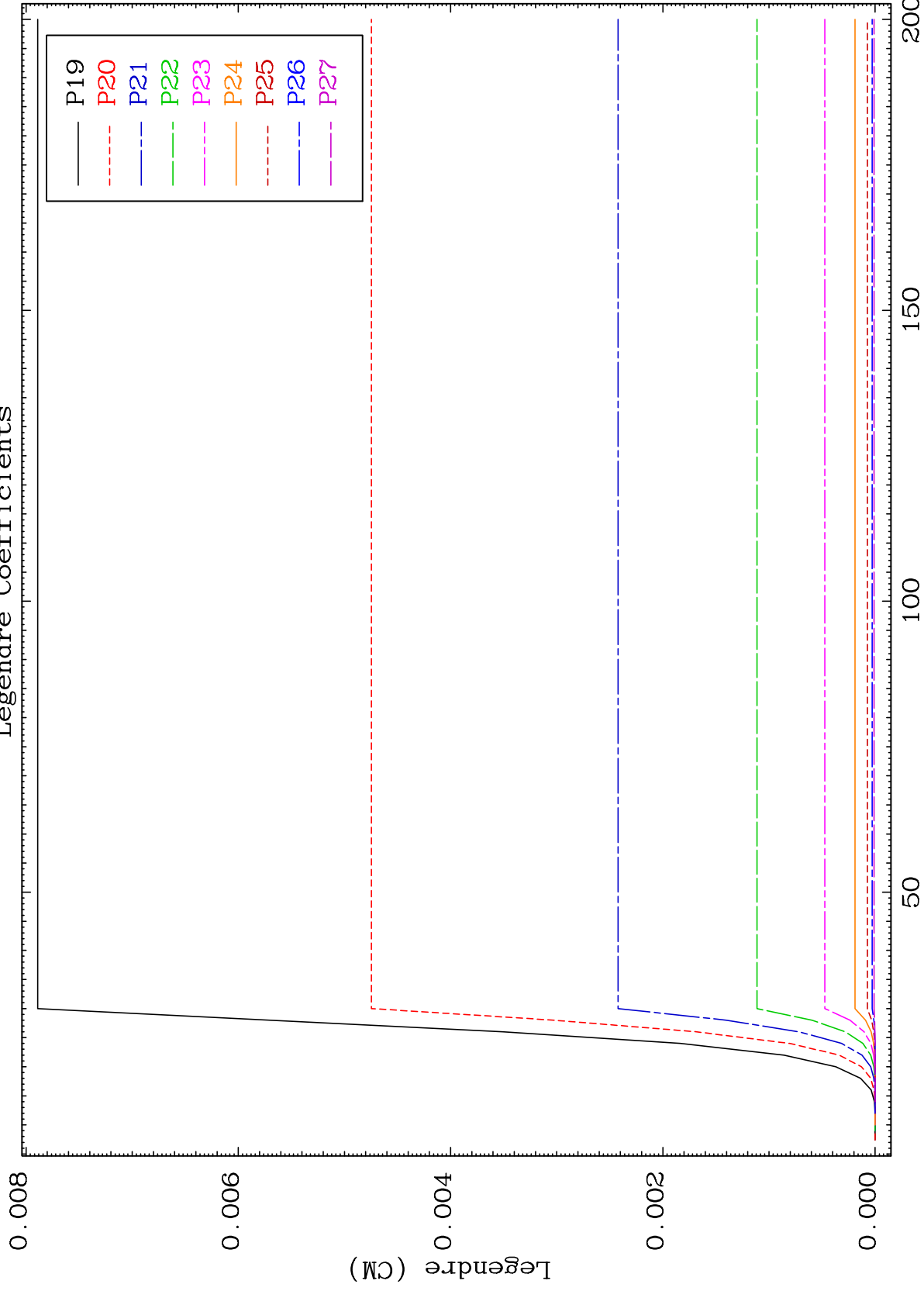
Incident Energy (MeV)

53-I -129

MAT 5331

MT= 75 (n,n') Level  
Legendre Coefficients

53-I -129



116

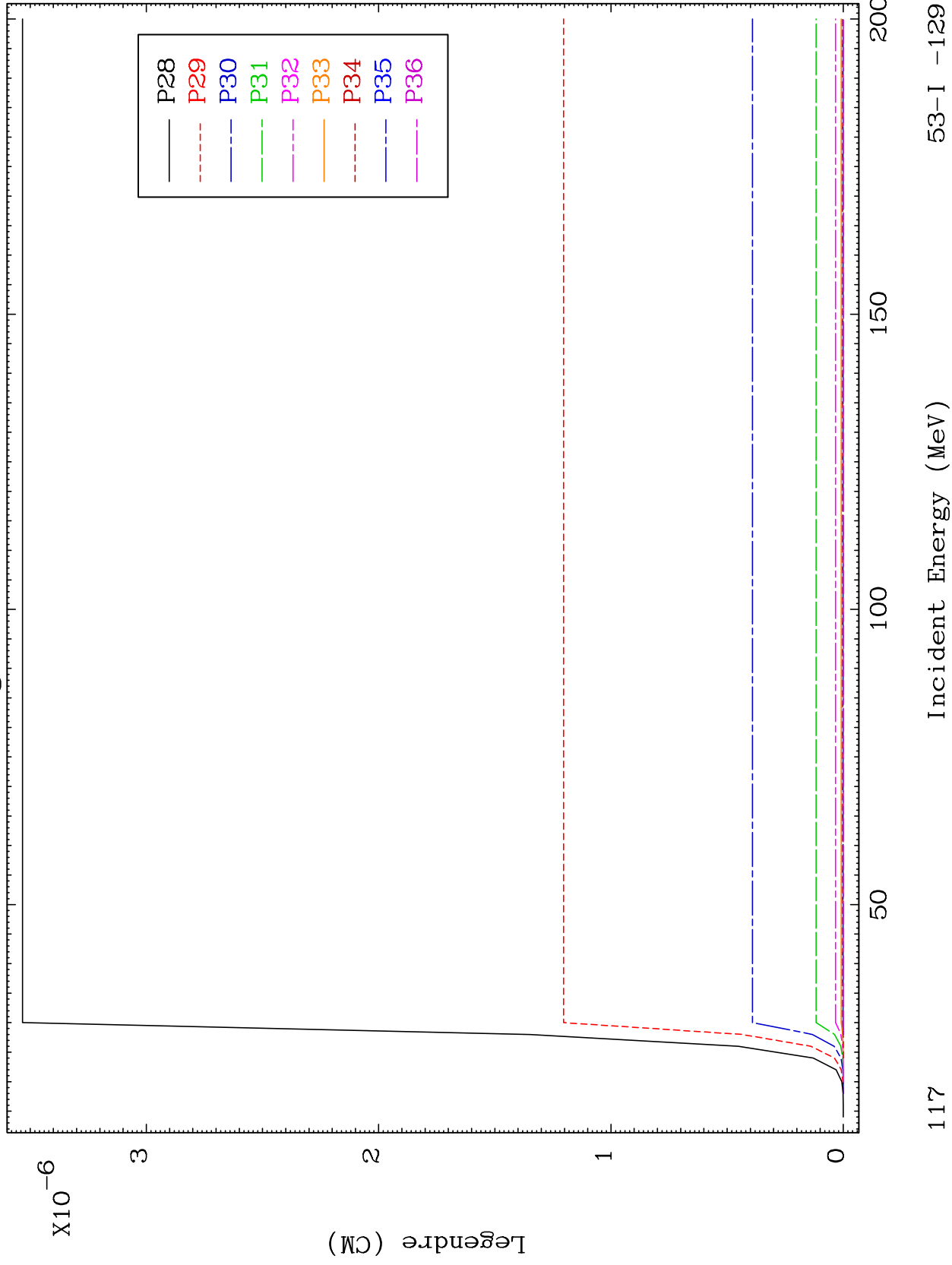
Incident Energy (MeV)

53-I -129

MAT 5331

MT= 75 (n,n') Level  
Legendre Coefficients

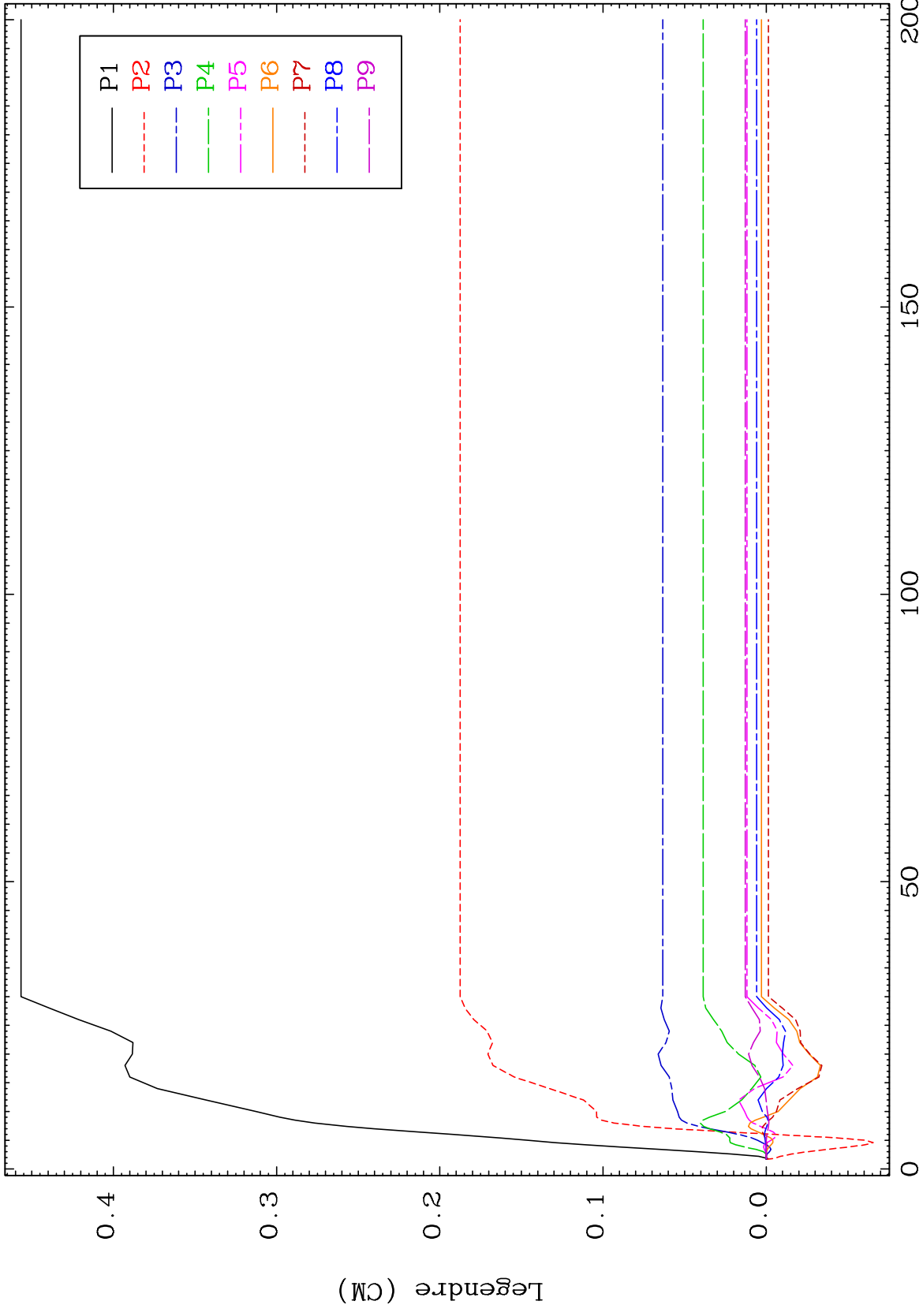
53-I -129



MAT 5331

MT= 76 (n,n') Level  
Legendre Coefficients

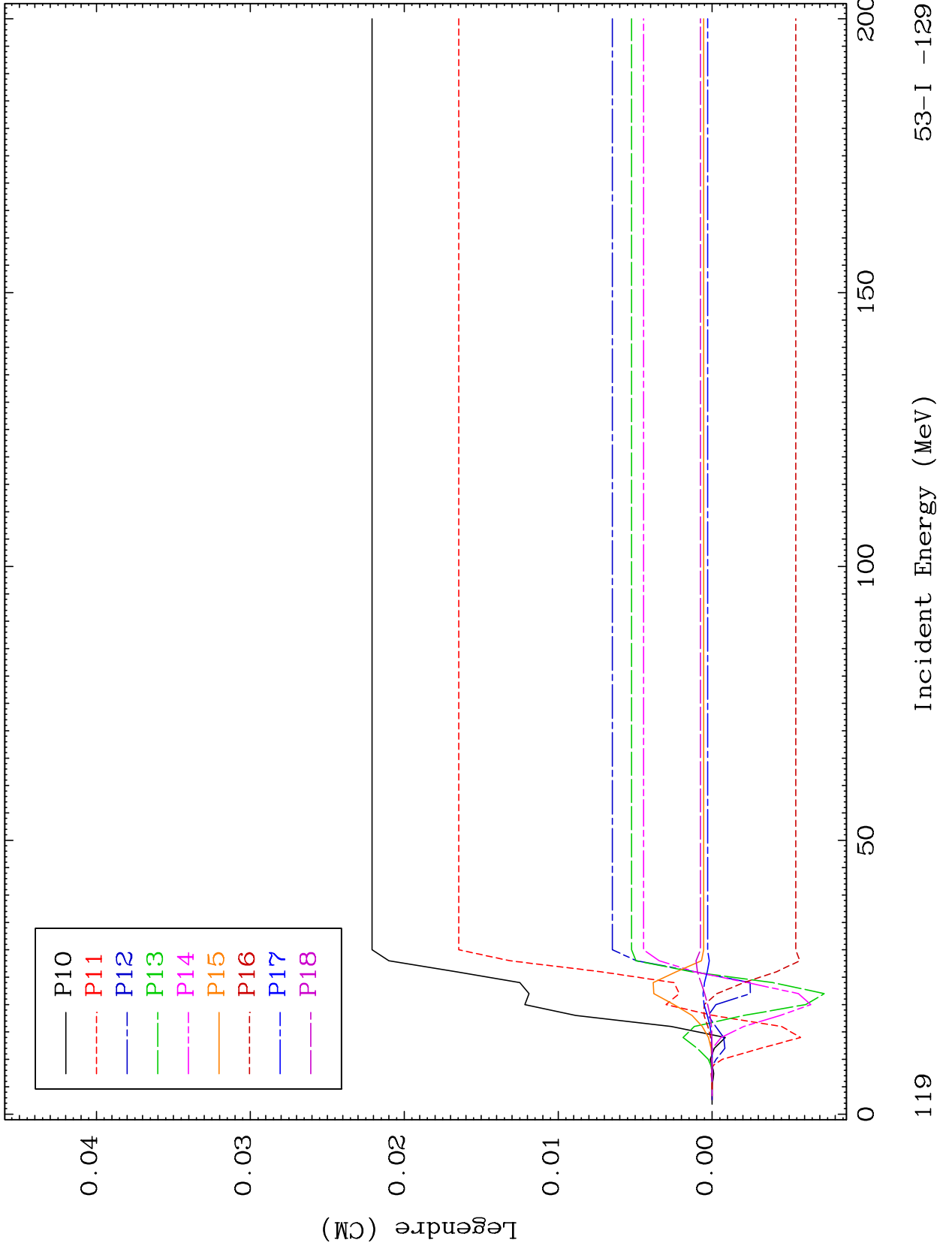
53-I -129



118

Incident Energy (MeV)

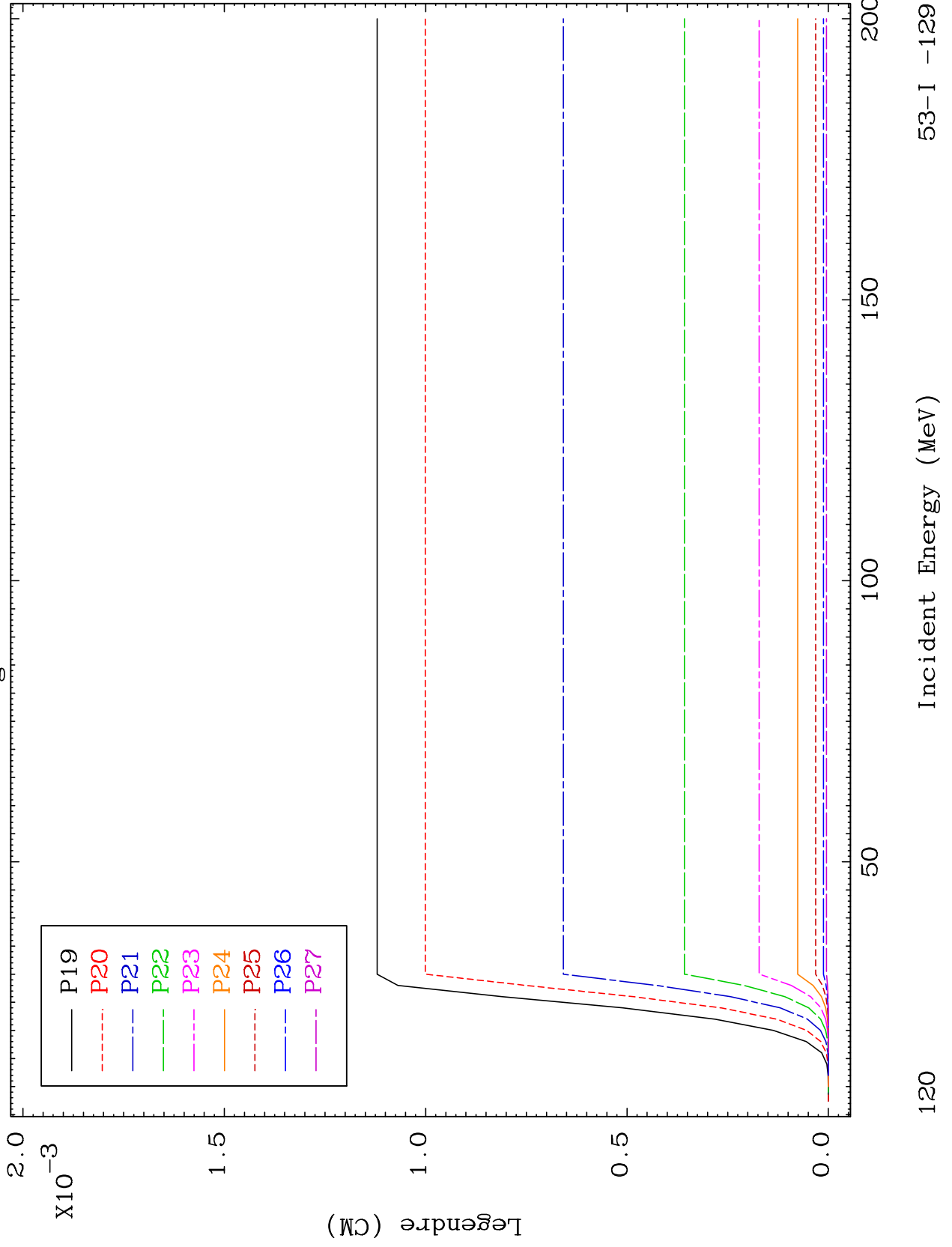
53-I -129



MAT 5331

MT= 76 (n,n') Level  
Legendre Coefficients

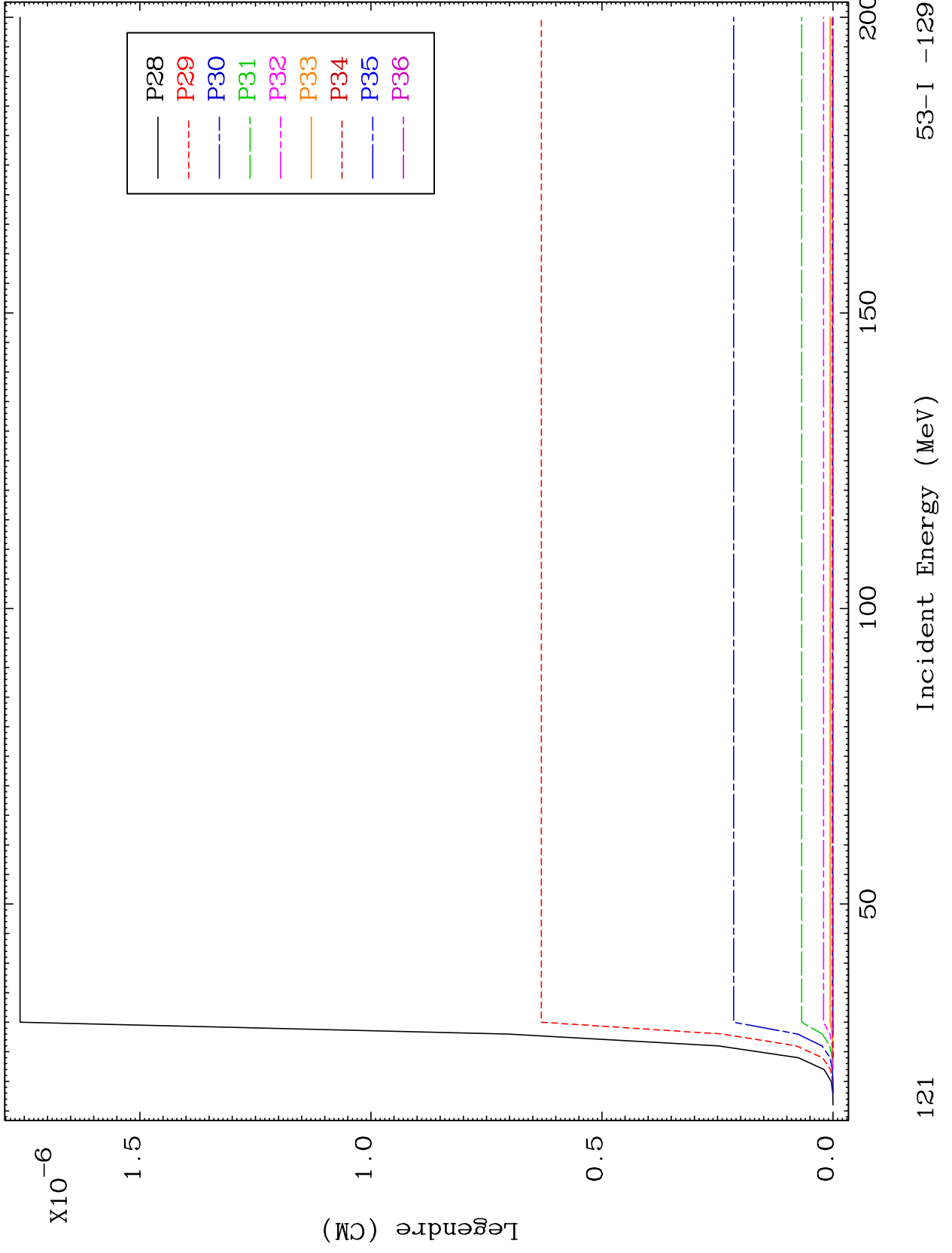
53-I -129



120

Incident Energy (MeV)

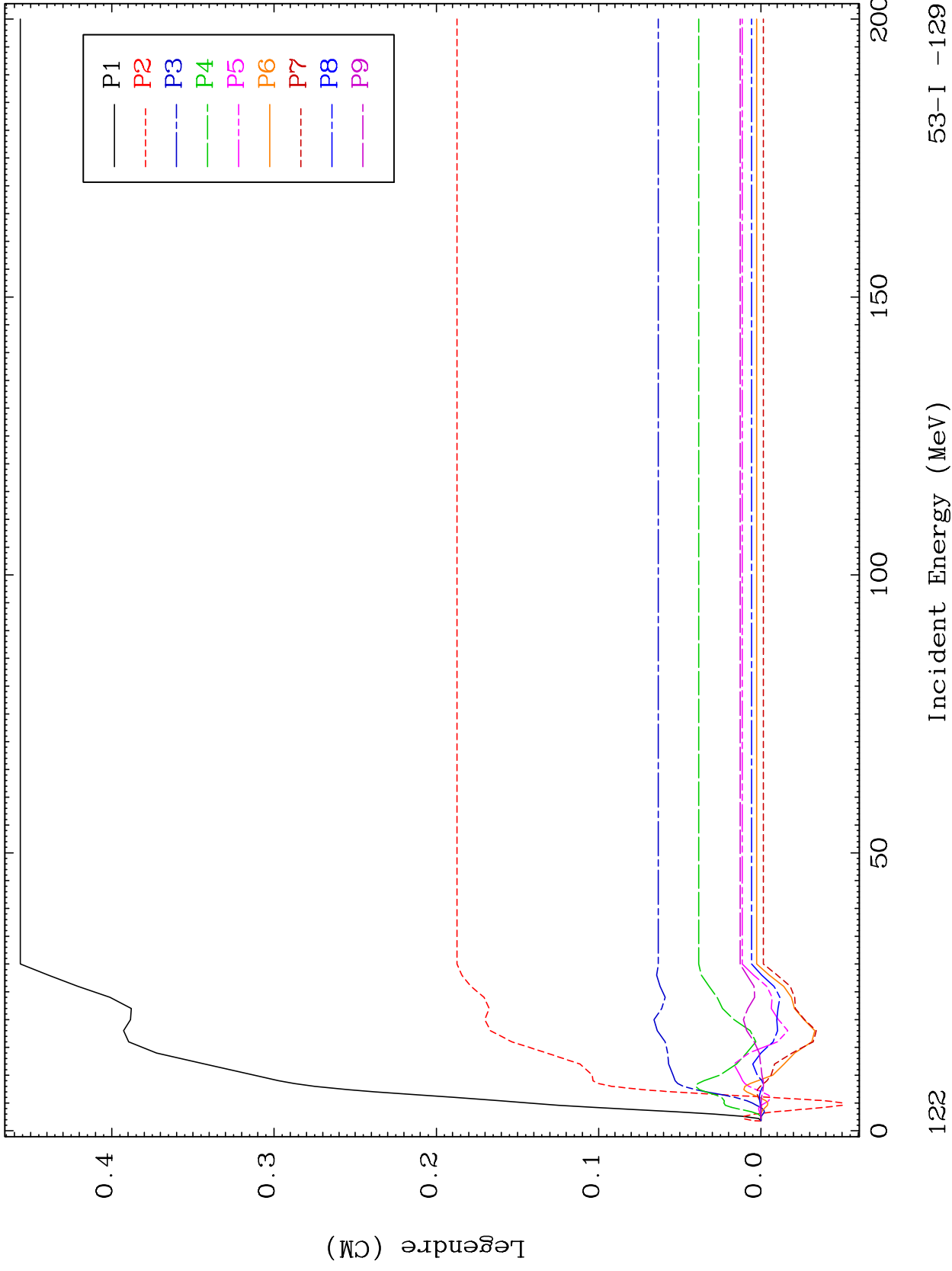
53-I -129



MAT 5331

MT= 77 (n,n') Level  
Legendre Coefficients

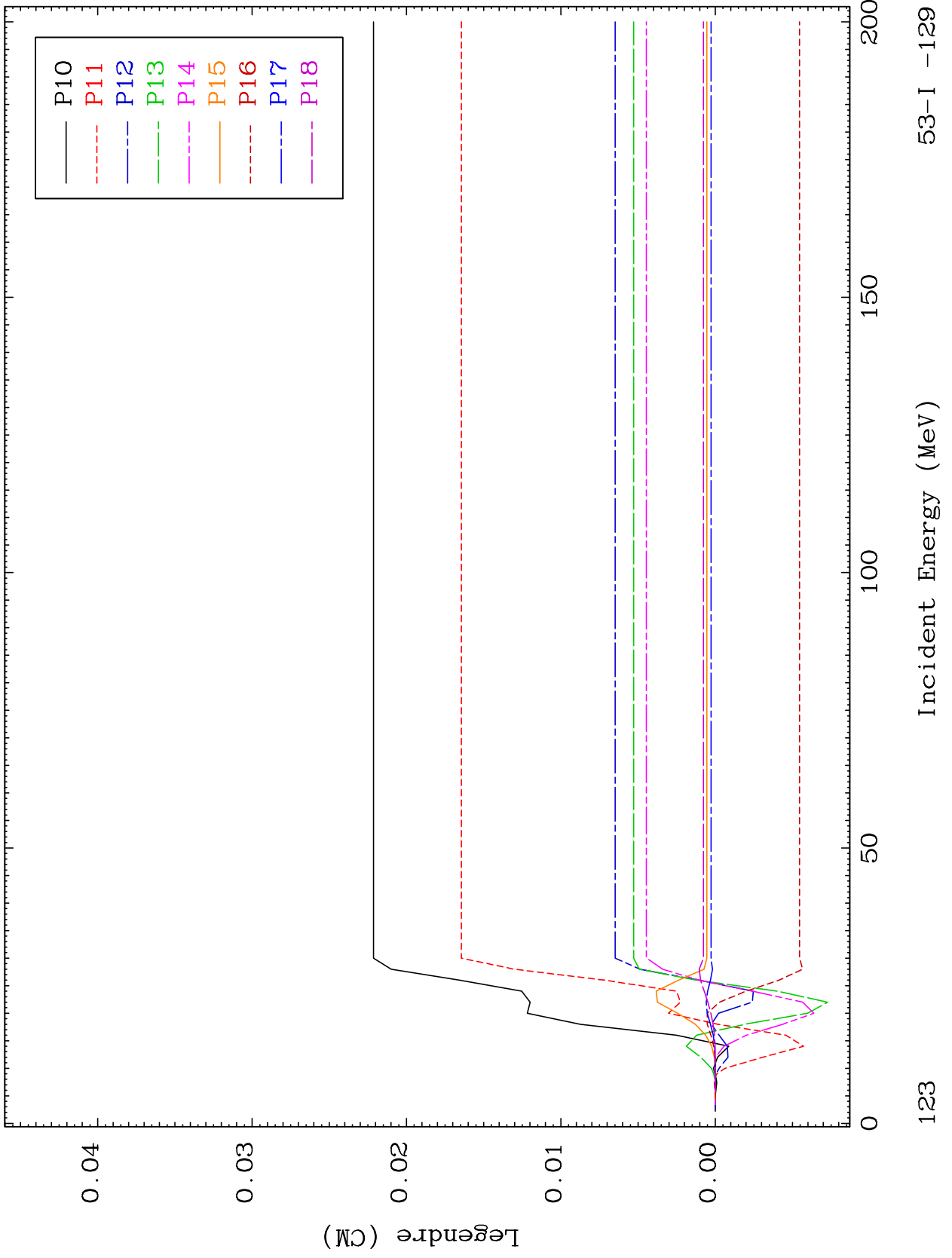
53-I -129

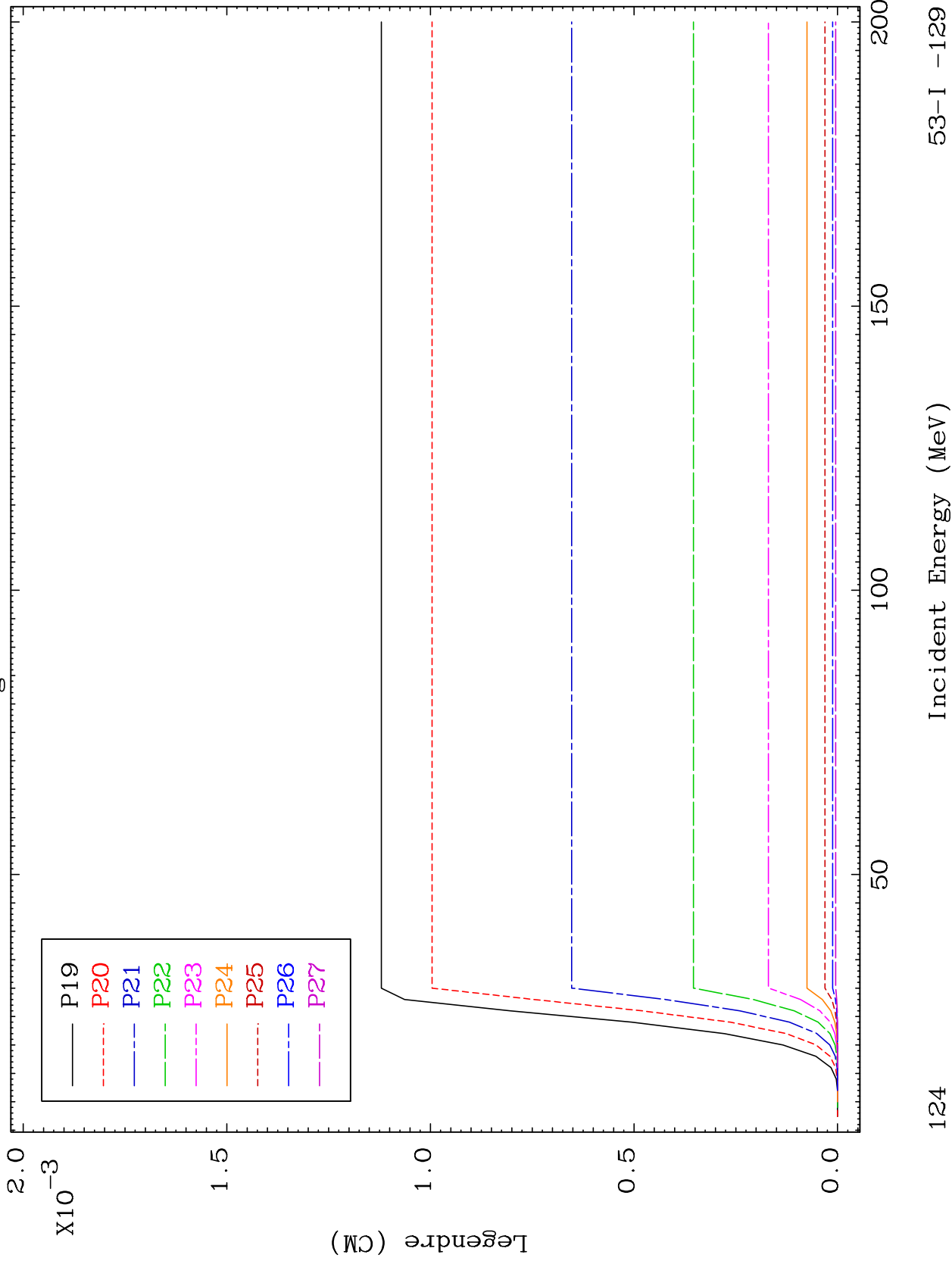


53-I -129

Incident Energy (MeV)

122

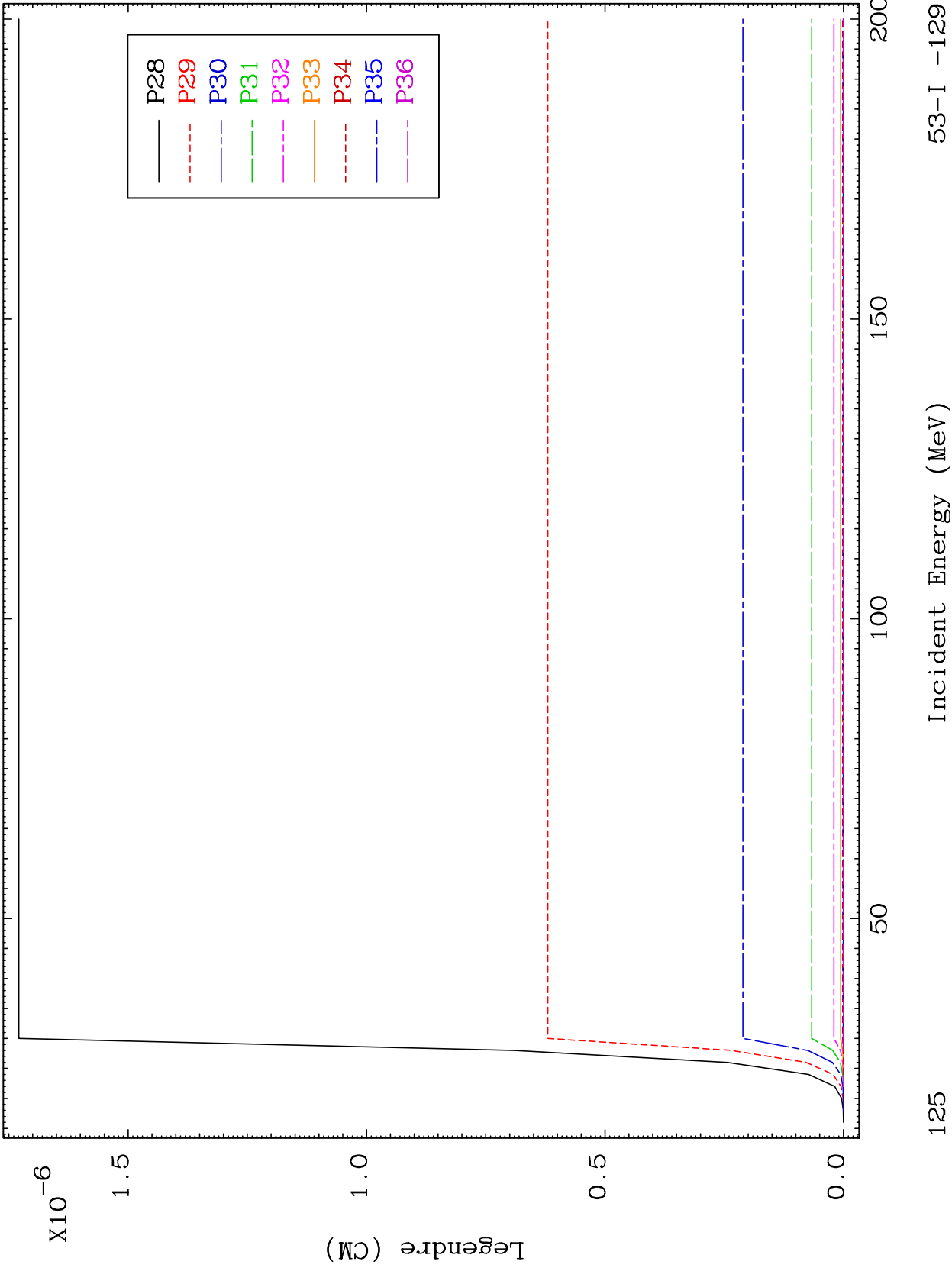




MAT 5331

MT= 77 (n,n') Level  
Legendre Coefficients

53-I -129

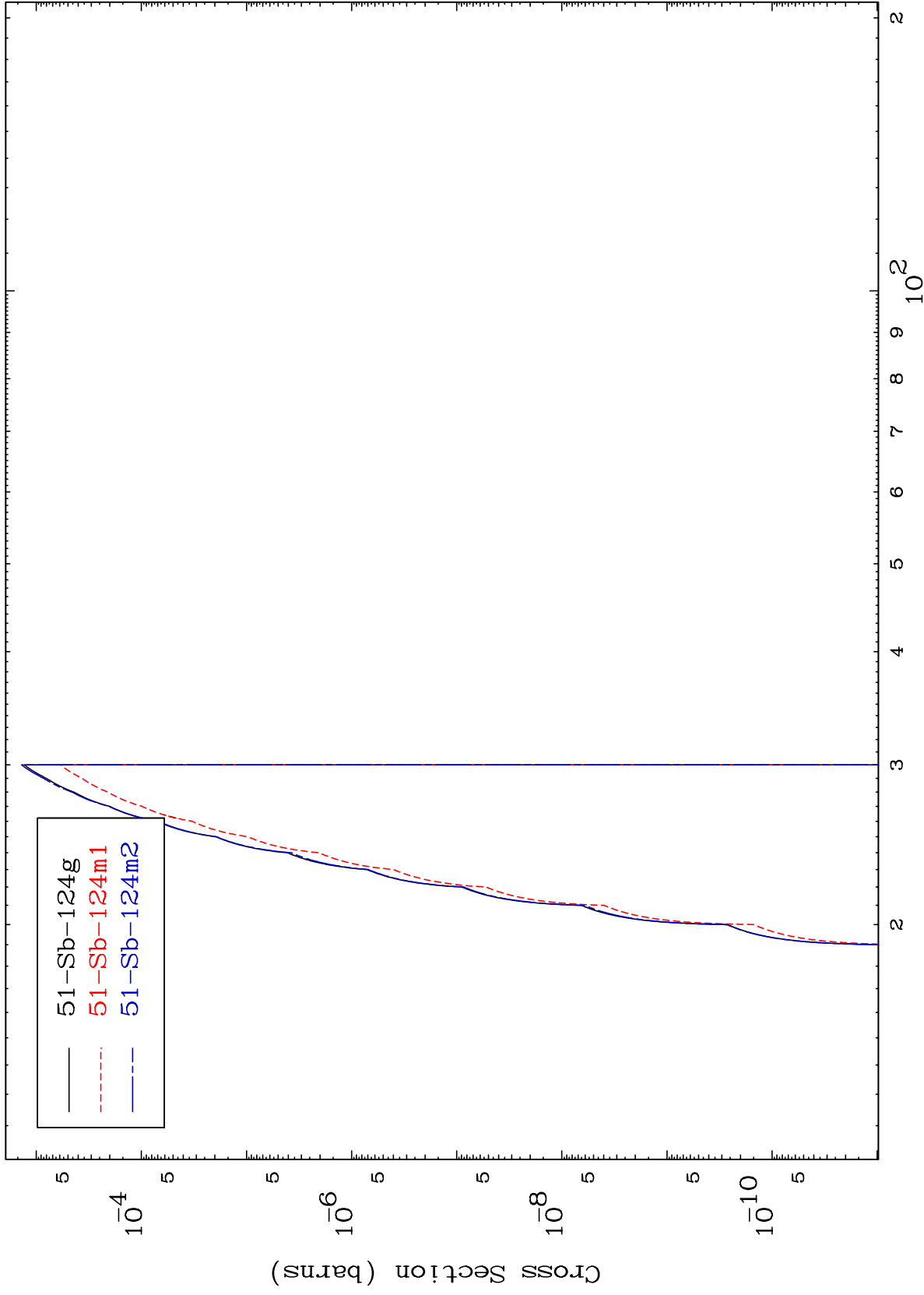


125

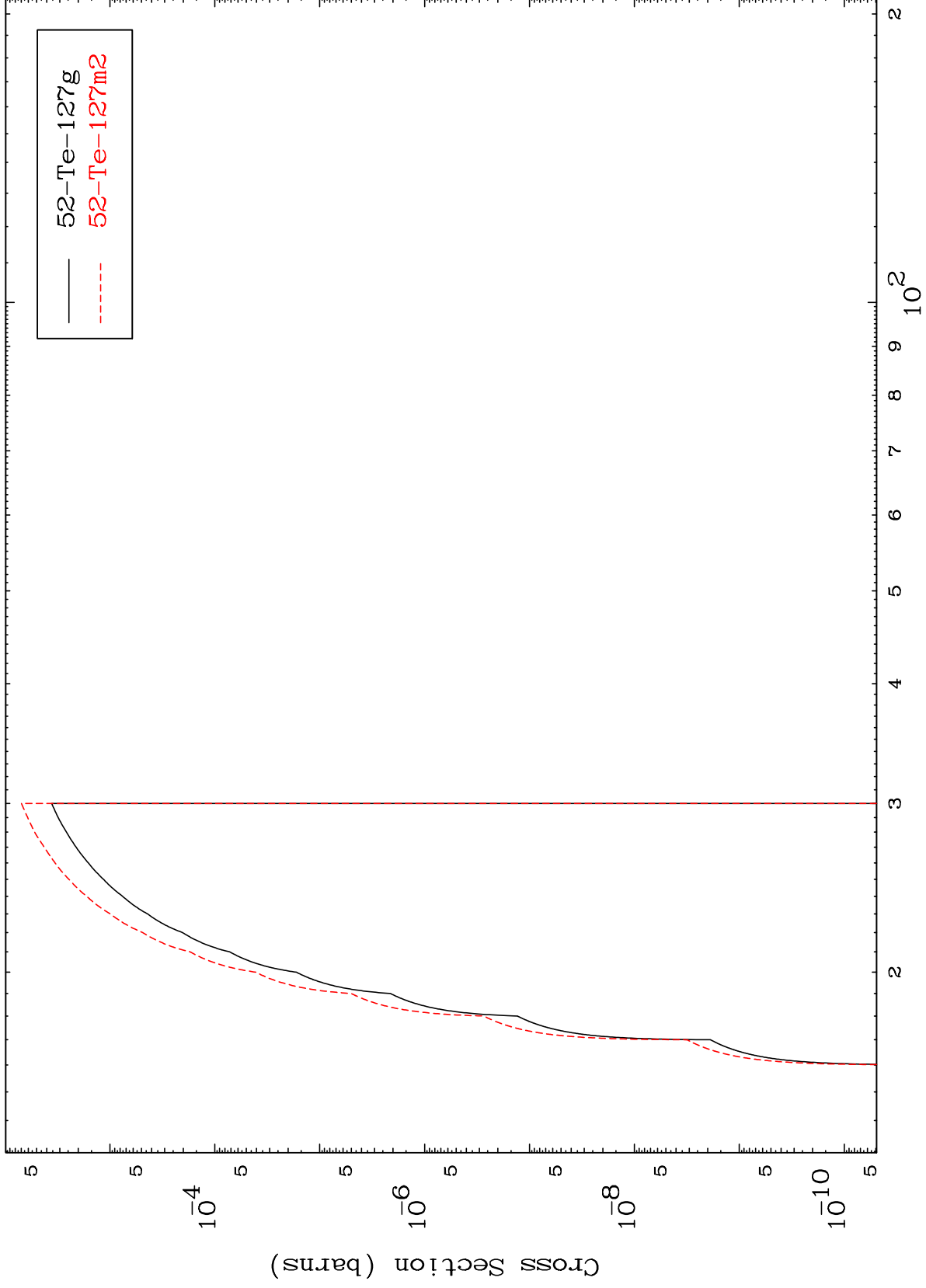
Incident Energy (MeV)

53-I -129

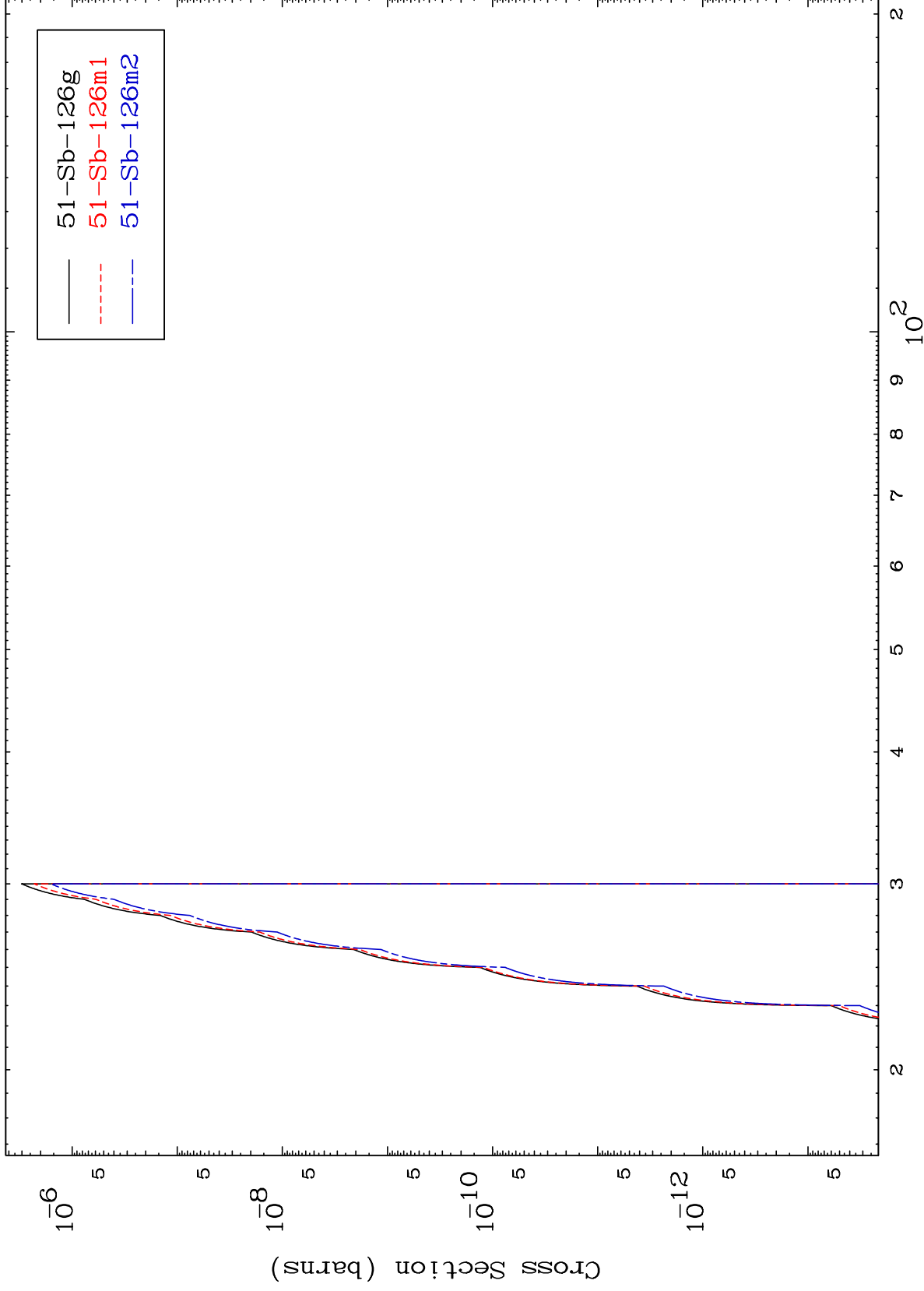
Radionuclide Production Cross Section



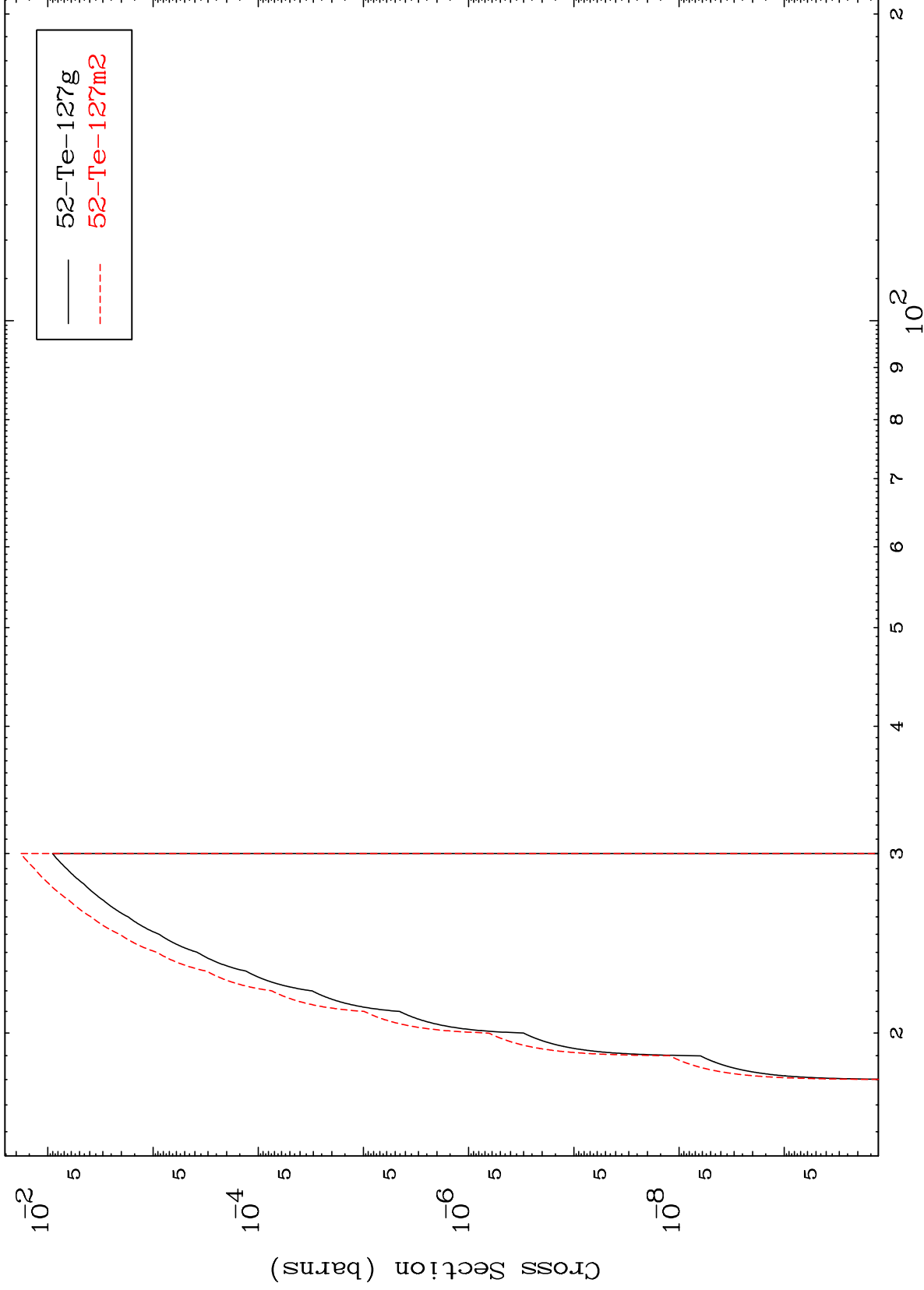
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

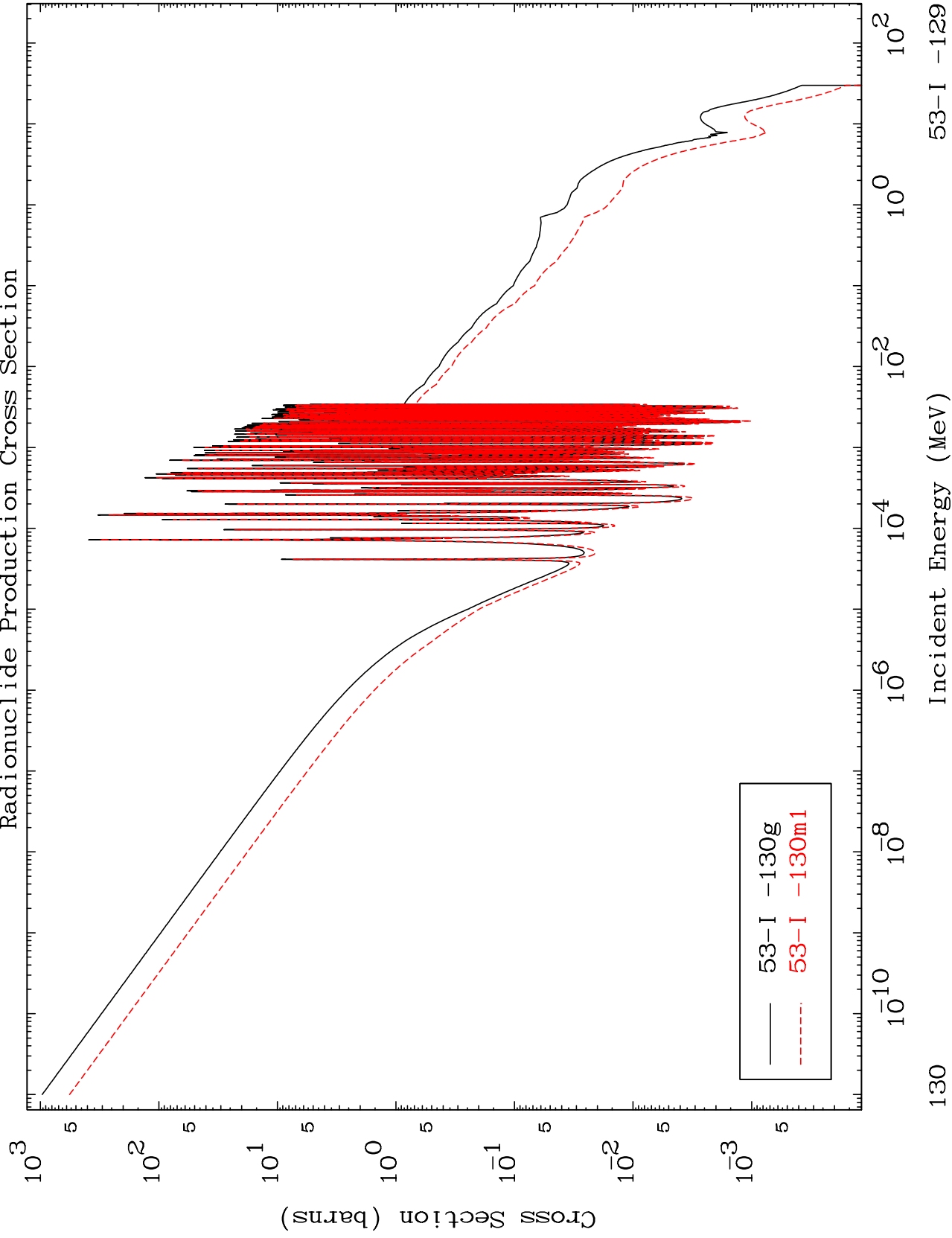


MAT 5331

53-I -129

Radionuclide Production Cross Section

(n,  $\gamma$ )

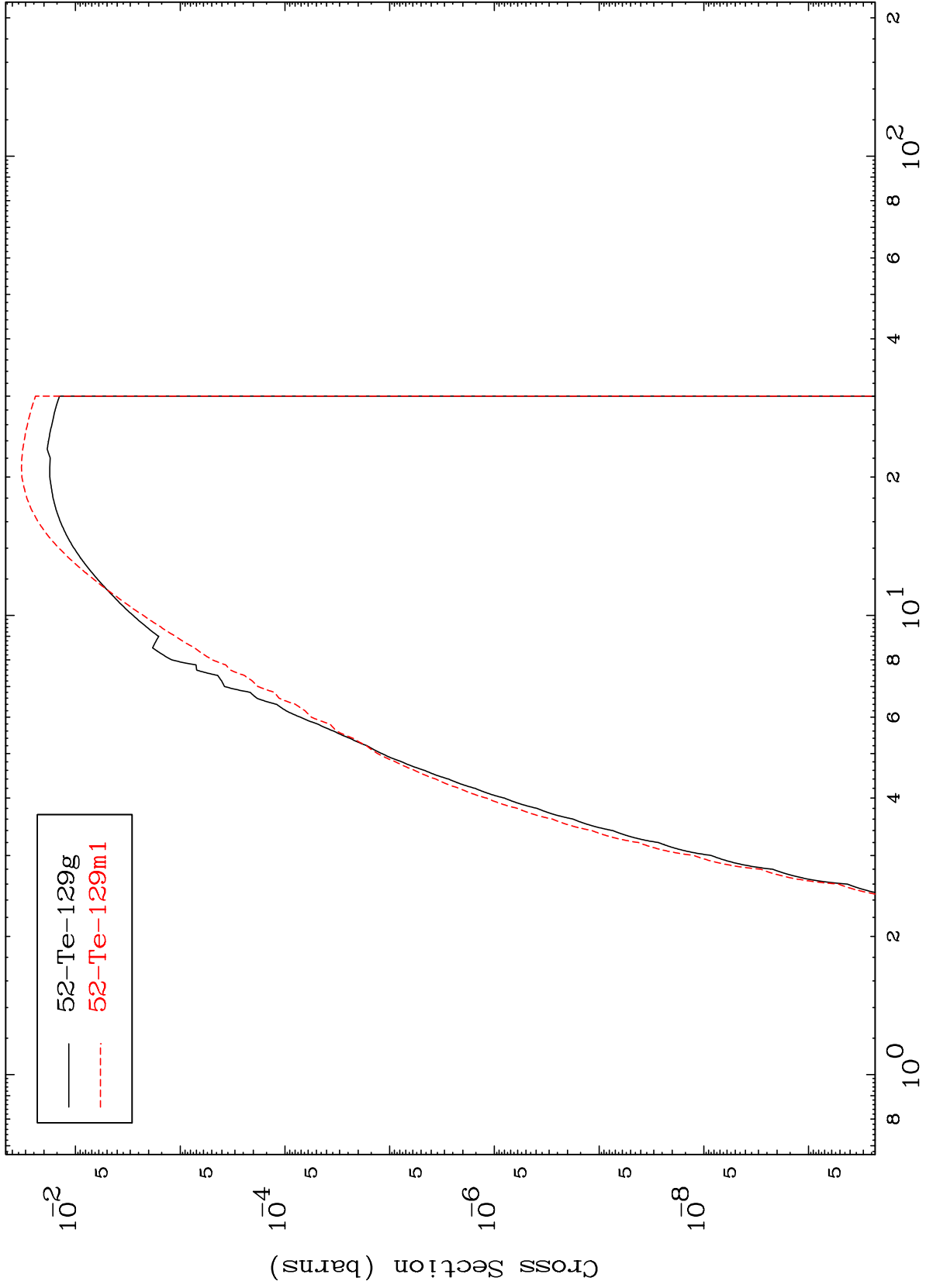


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MAT 5331

53-I -129

(n,p)  
Radionuclide Production Cross Section

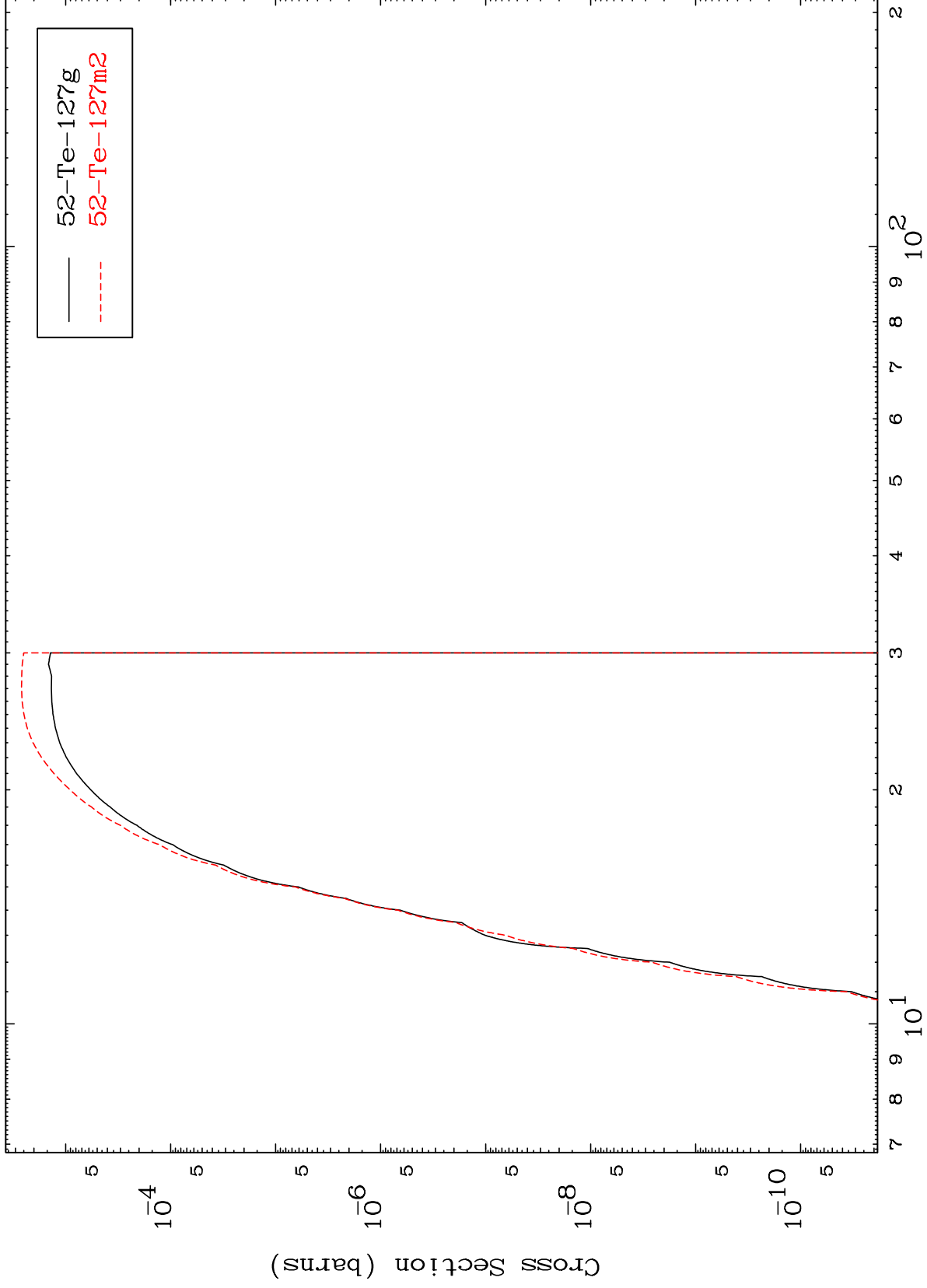


131

Incident Energy (MeV)

53-I -129

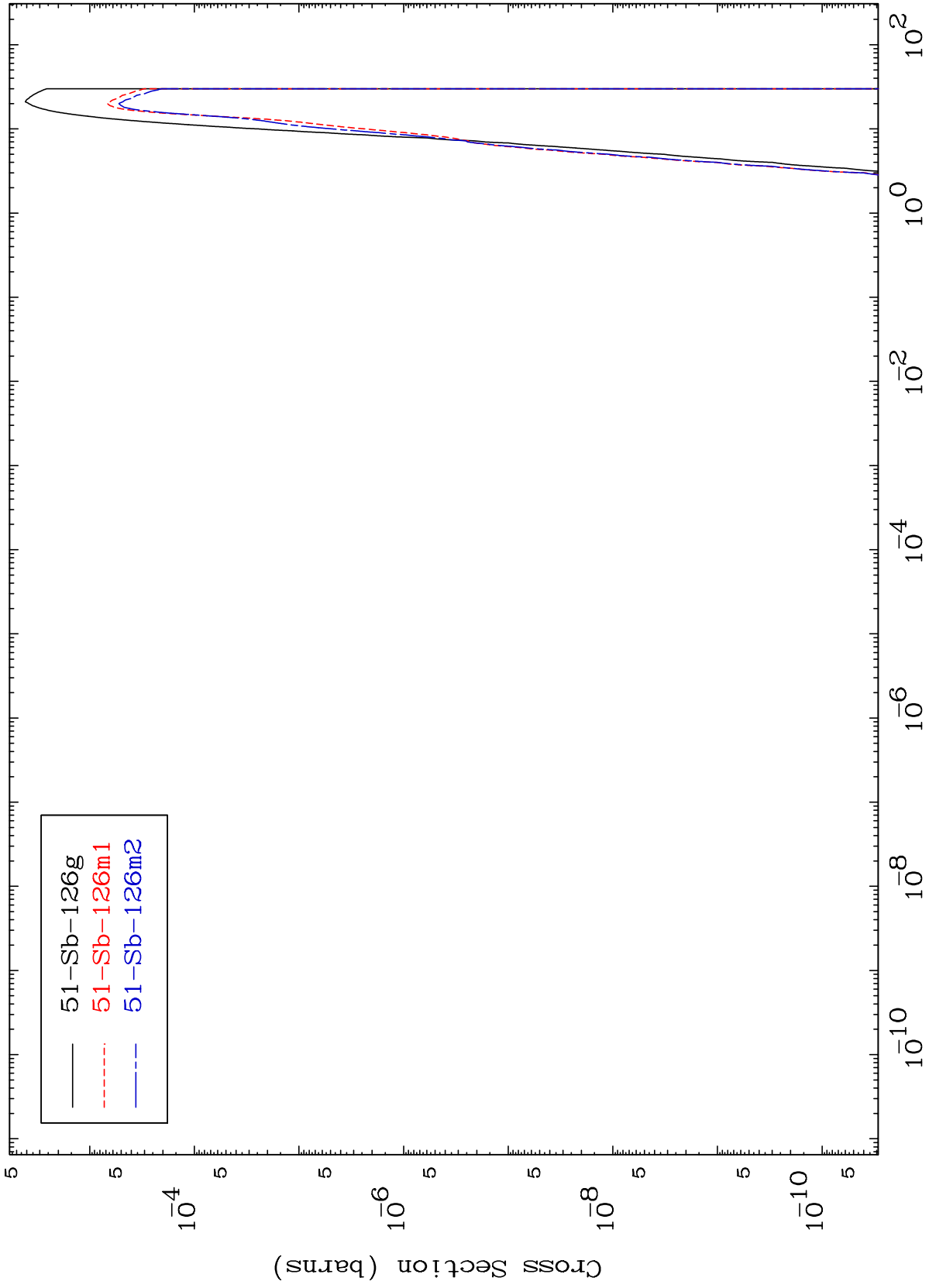
(n,t)  
Radionuclide Production Cross Section



MAT 5331

53-I -129

(n,  $\alpha$ )  
Radionuclide Production Cross Section

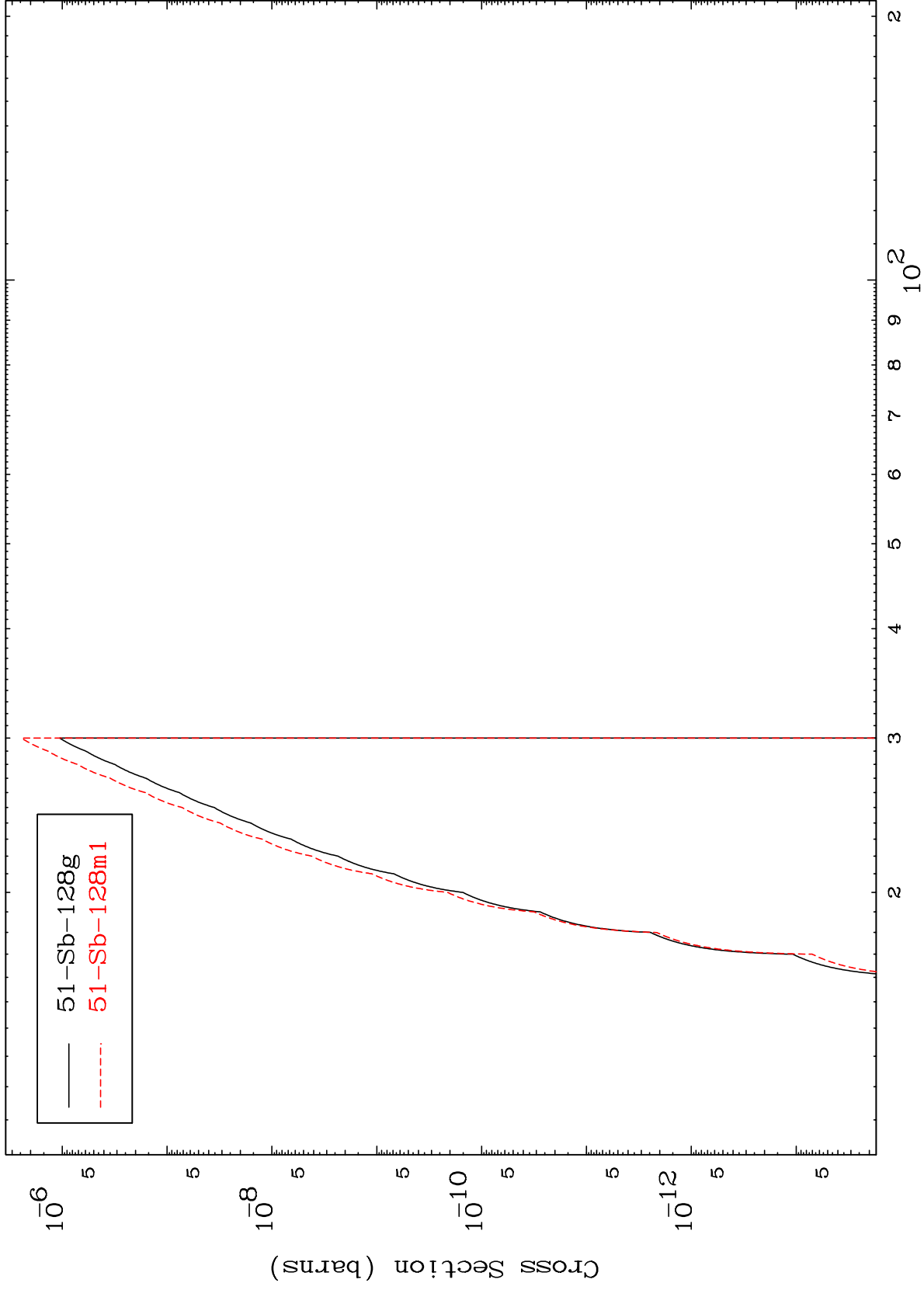


53-I -129

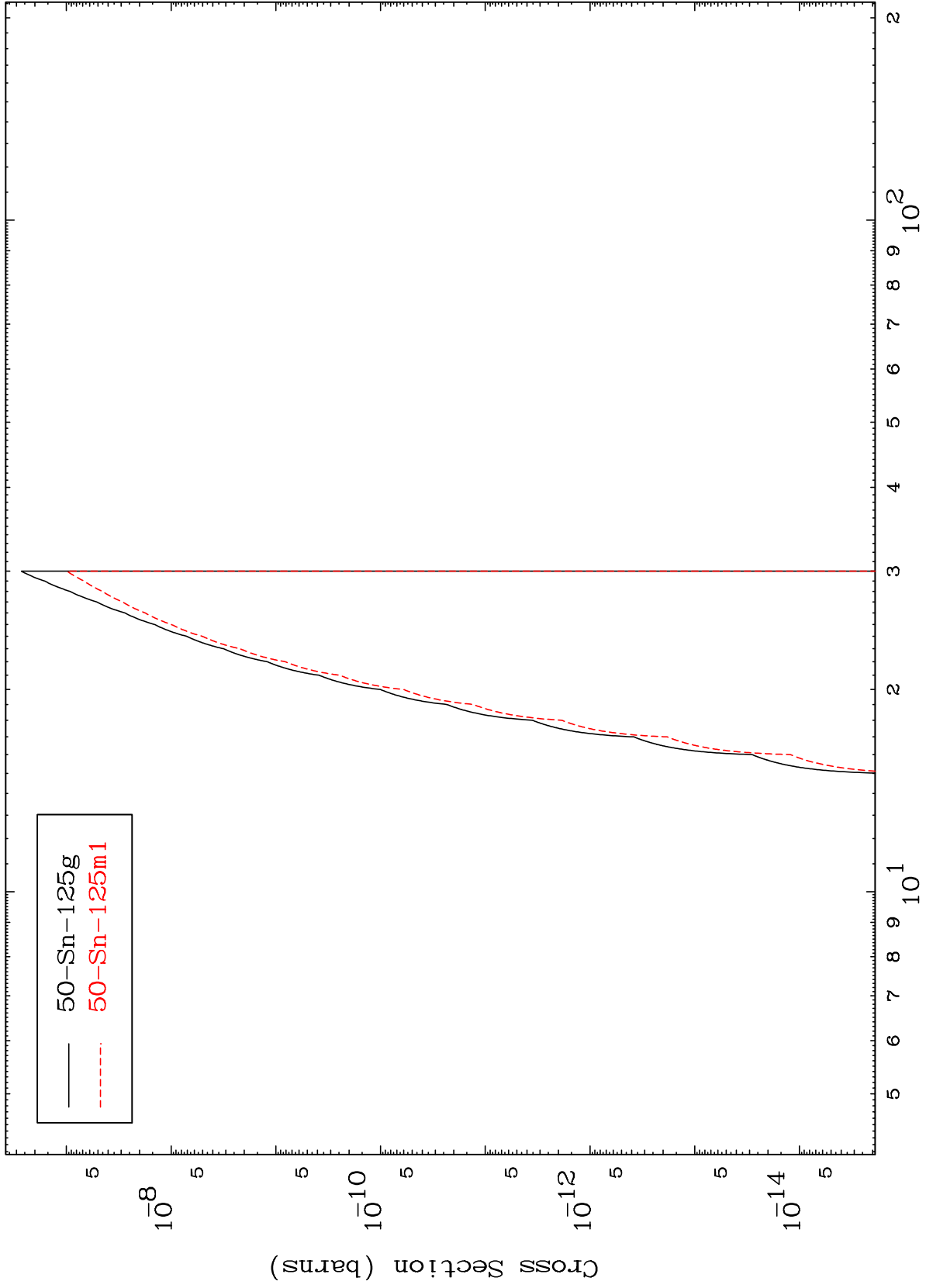
Incident Energy (MeV)

133

(n,2p)  
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

