

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

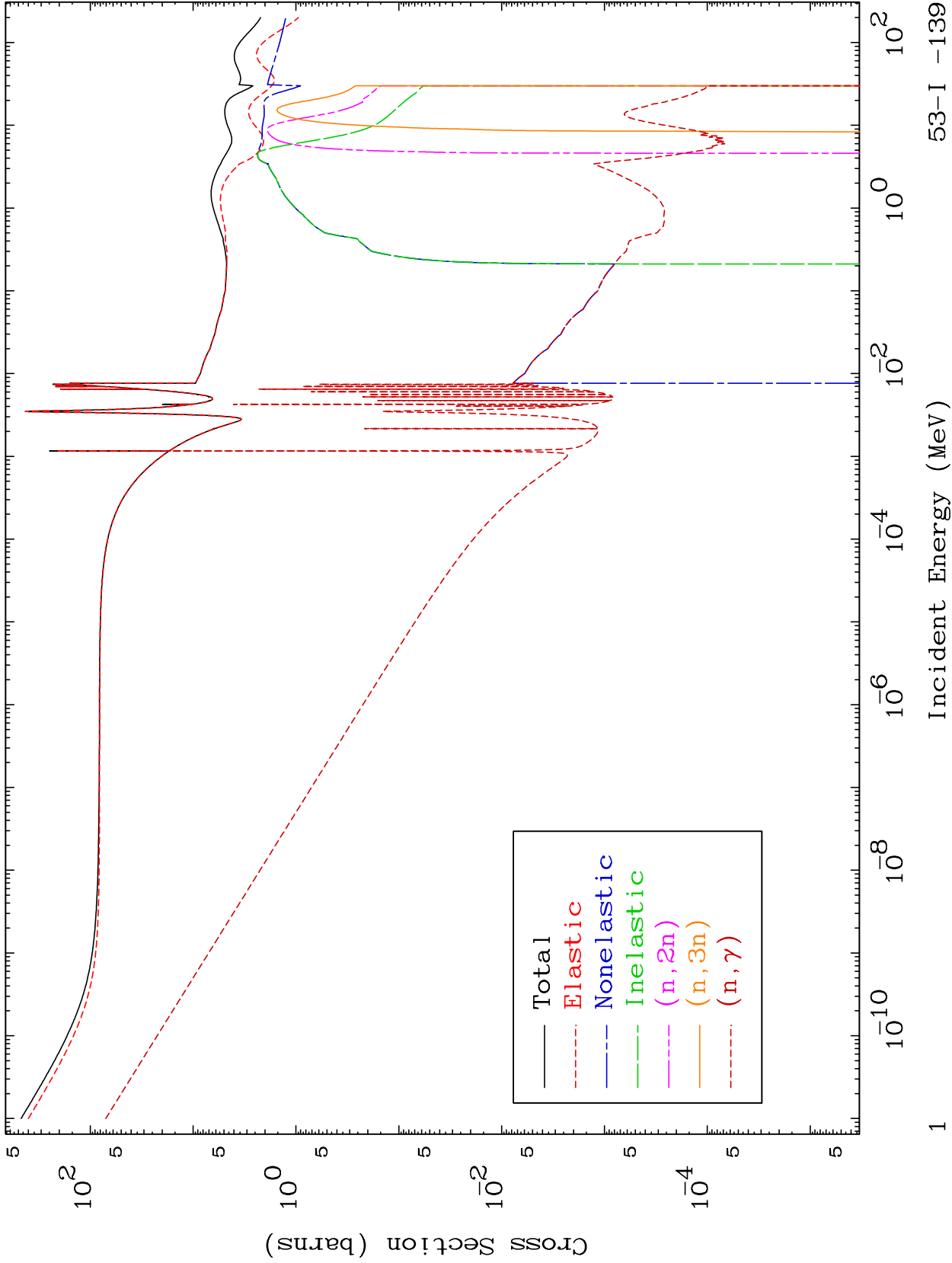
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

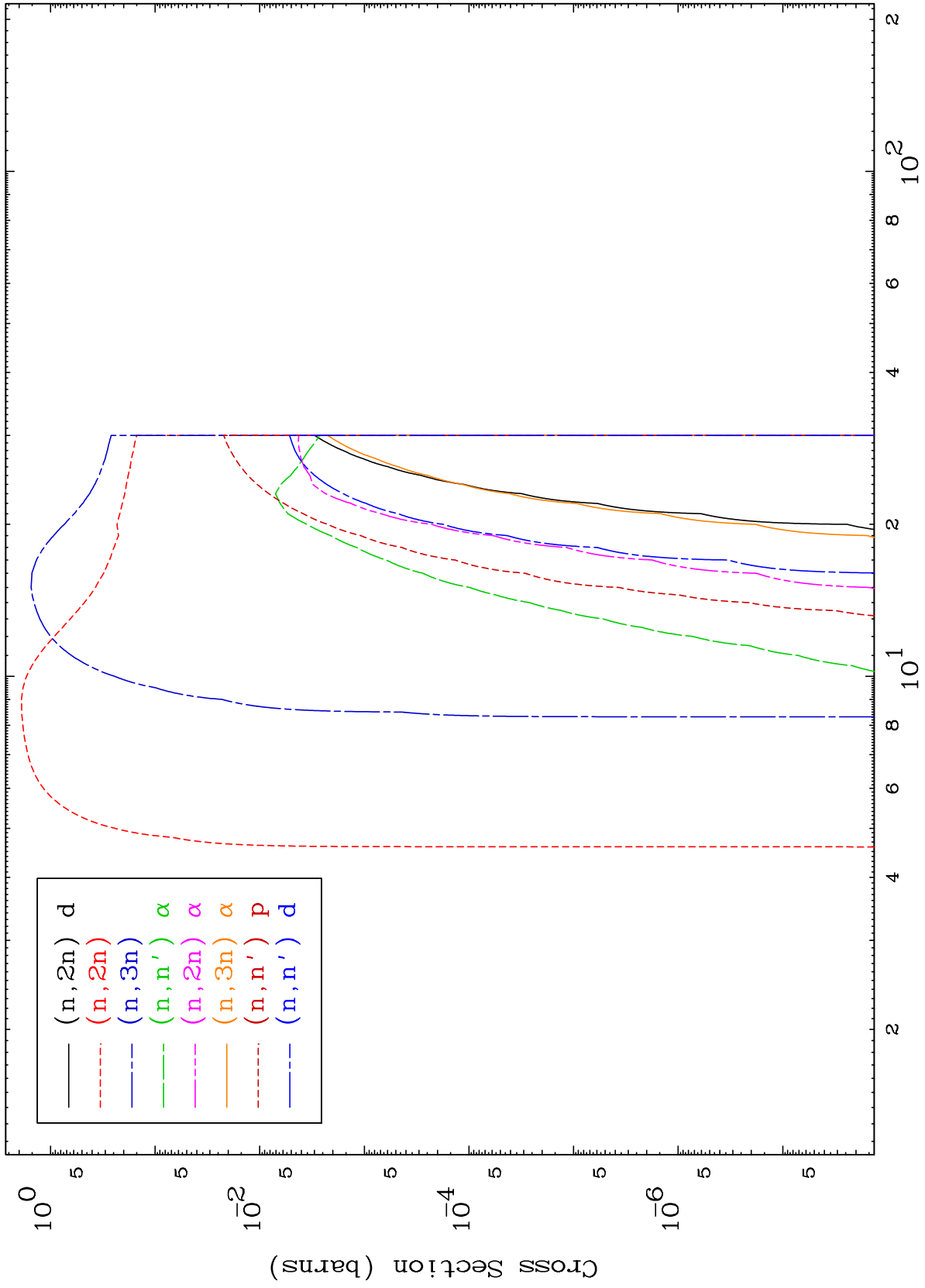
Tele: 925-443-1911

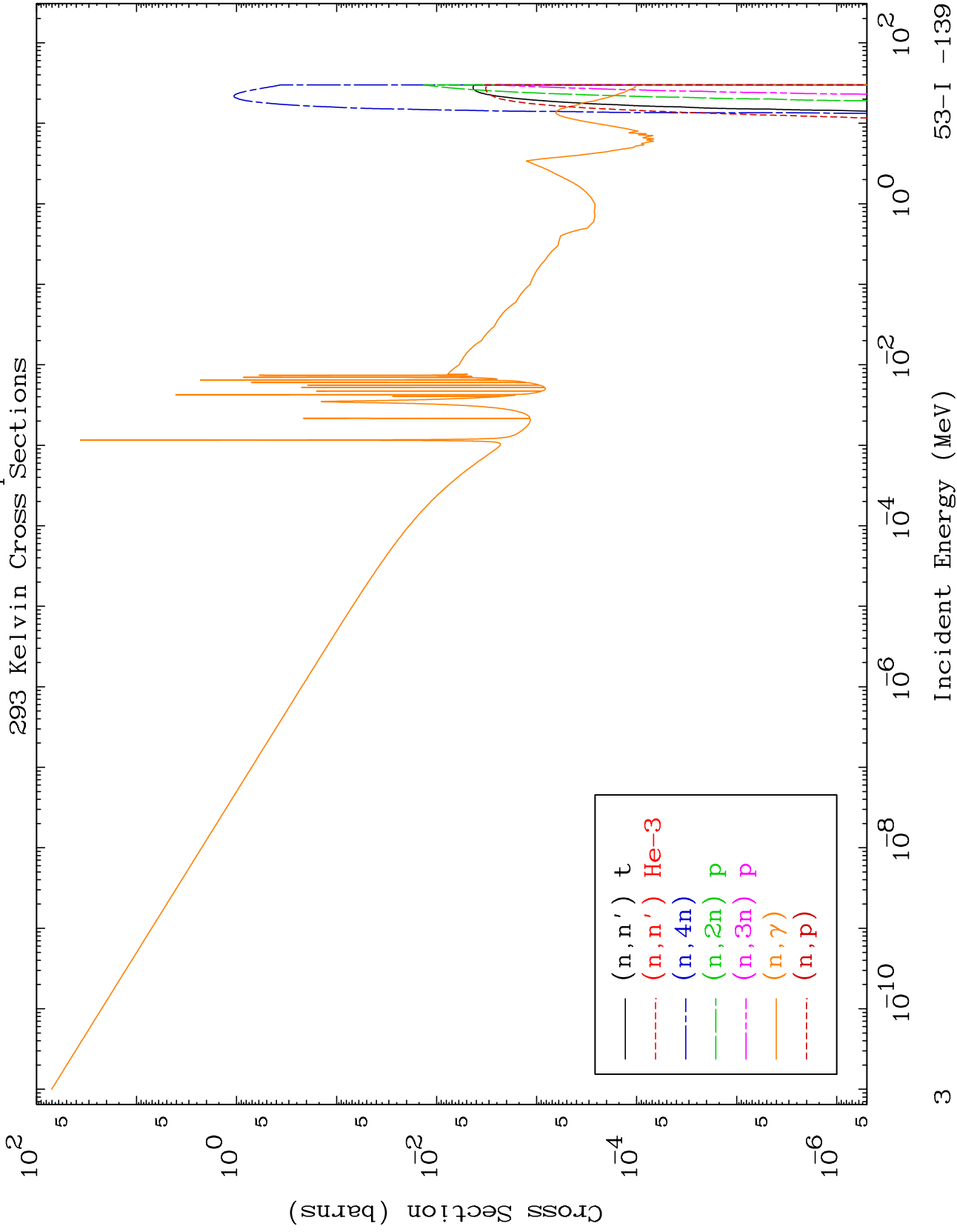
E.Mail:redcullen1@comcast.net

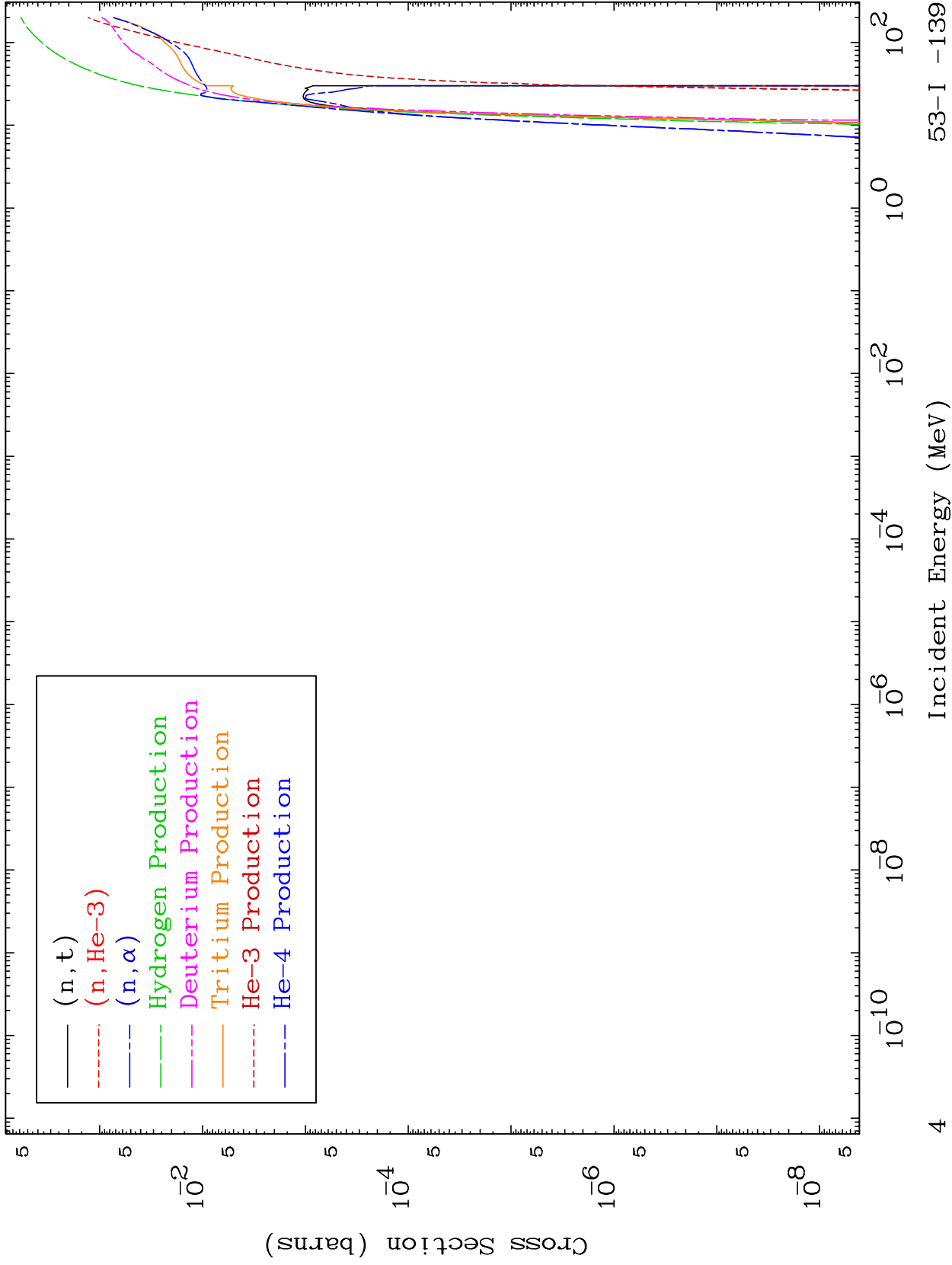
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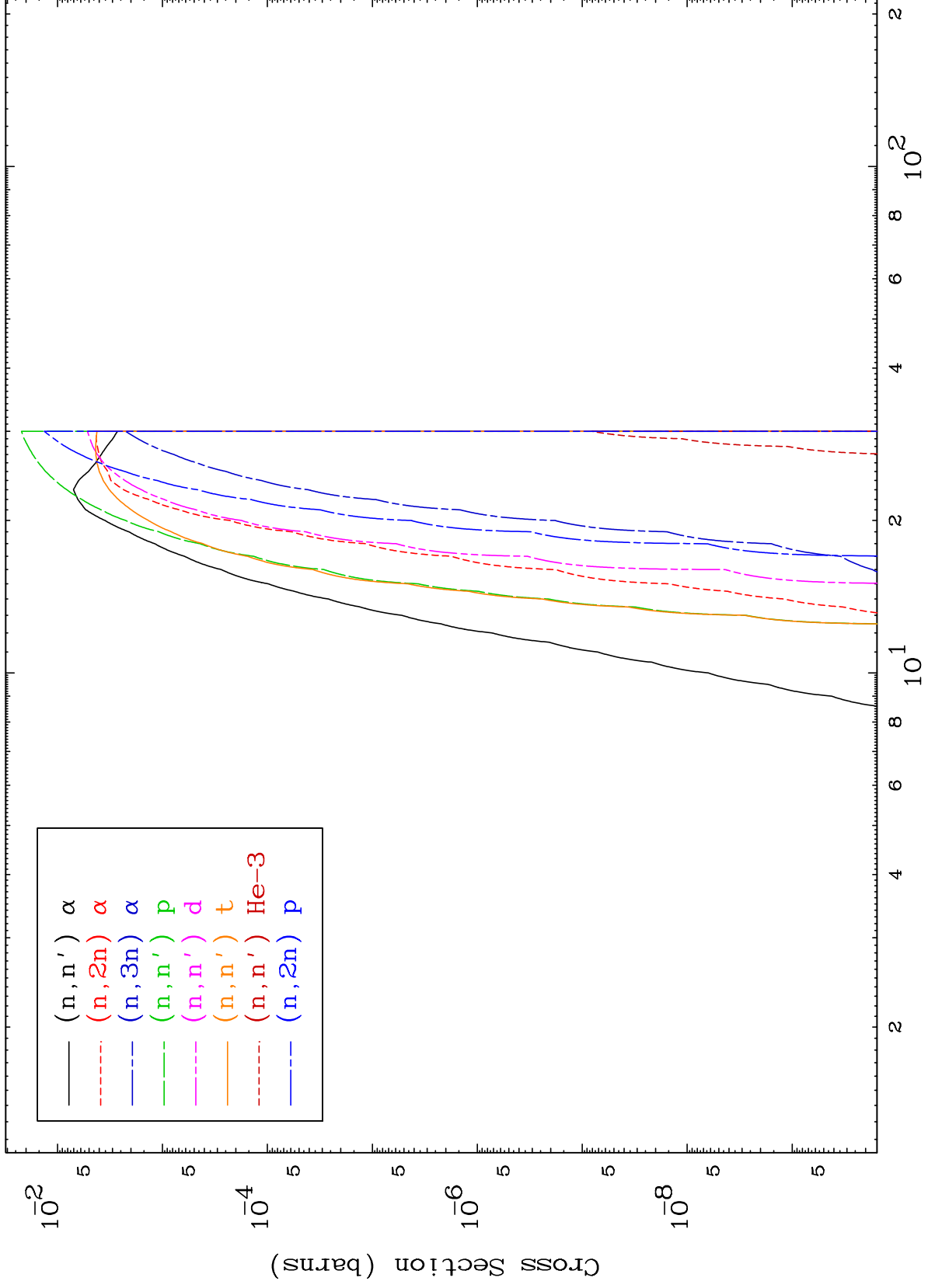
Press Mouse Button to Start

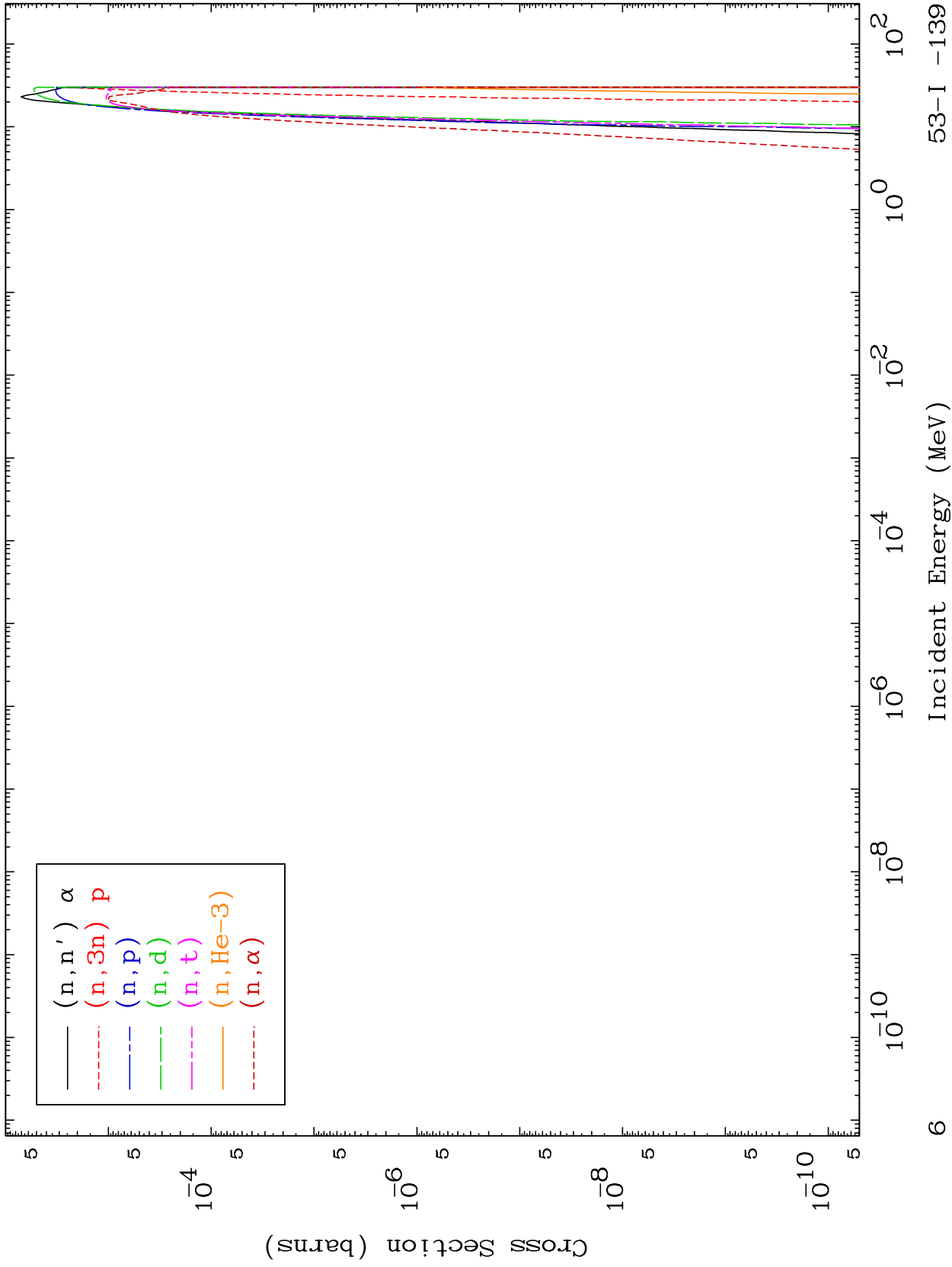


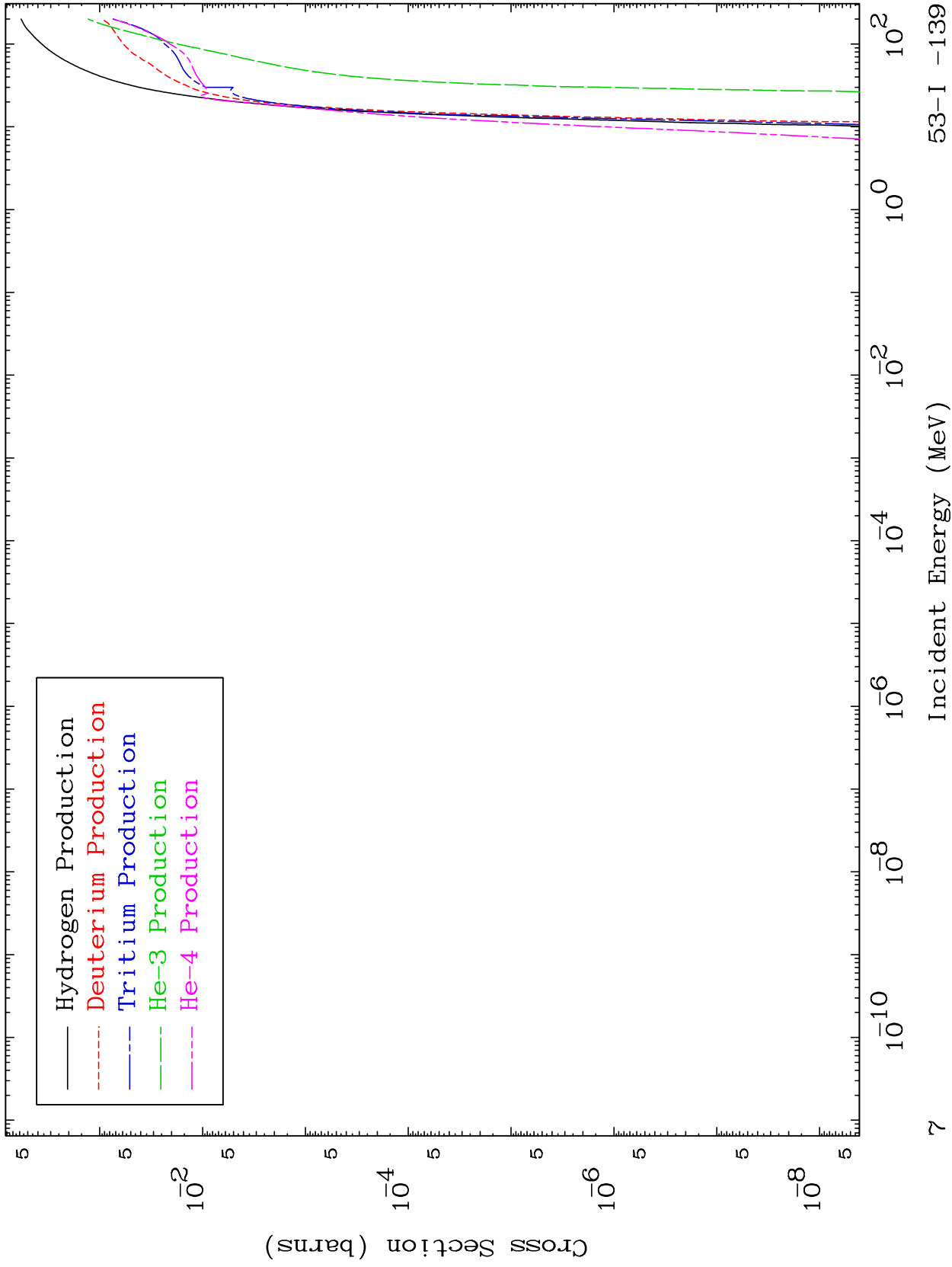




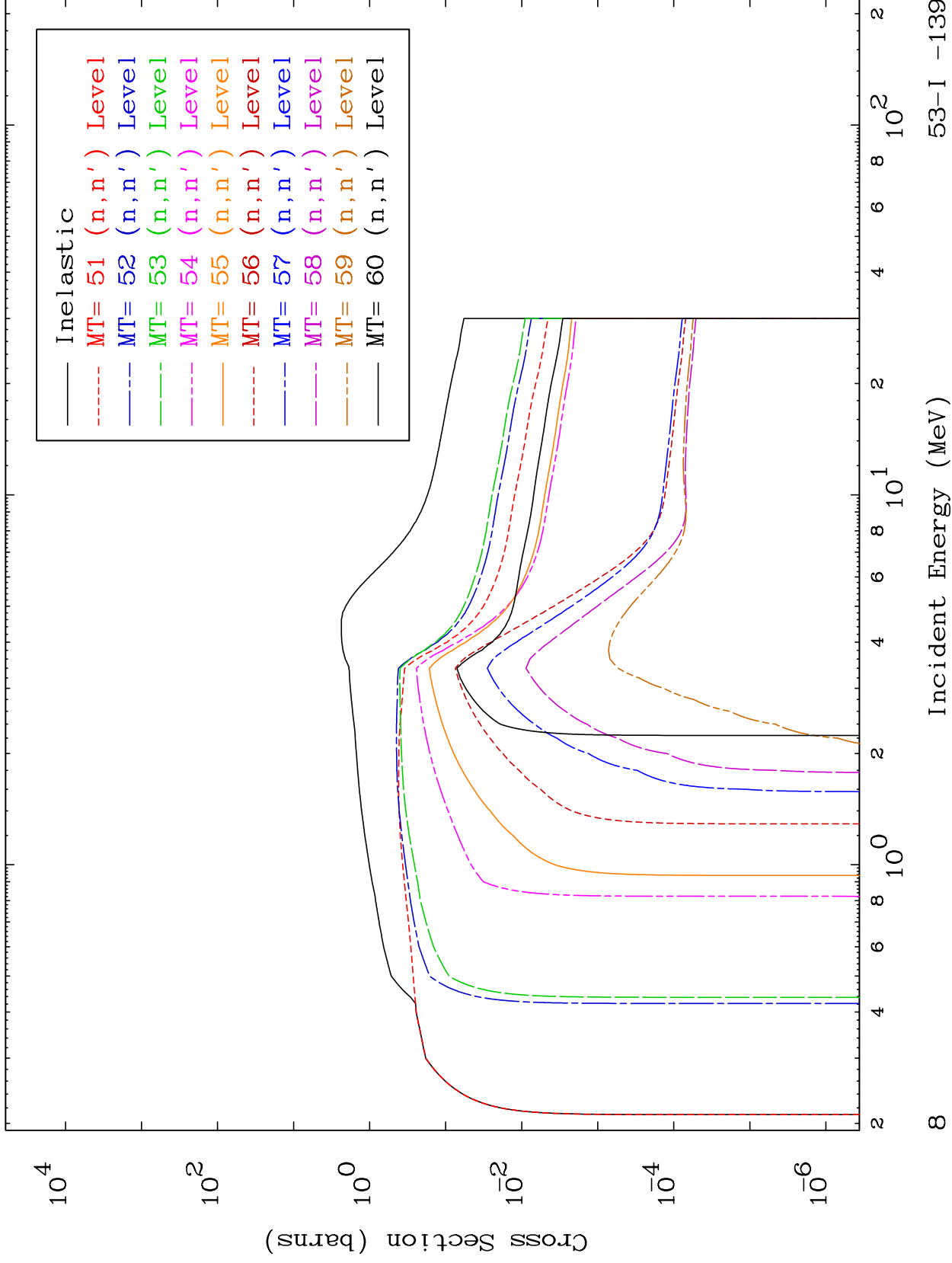




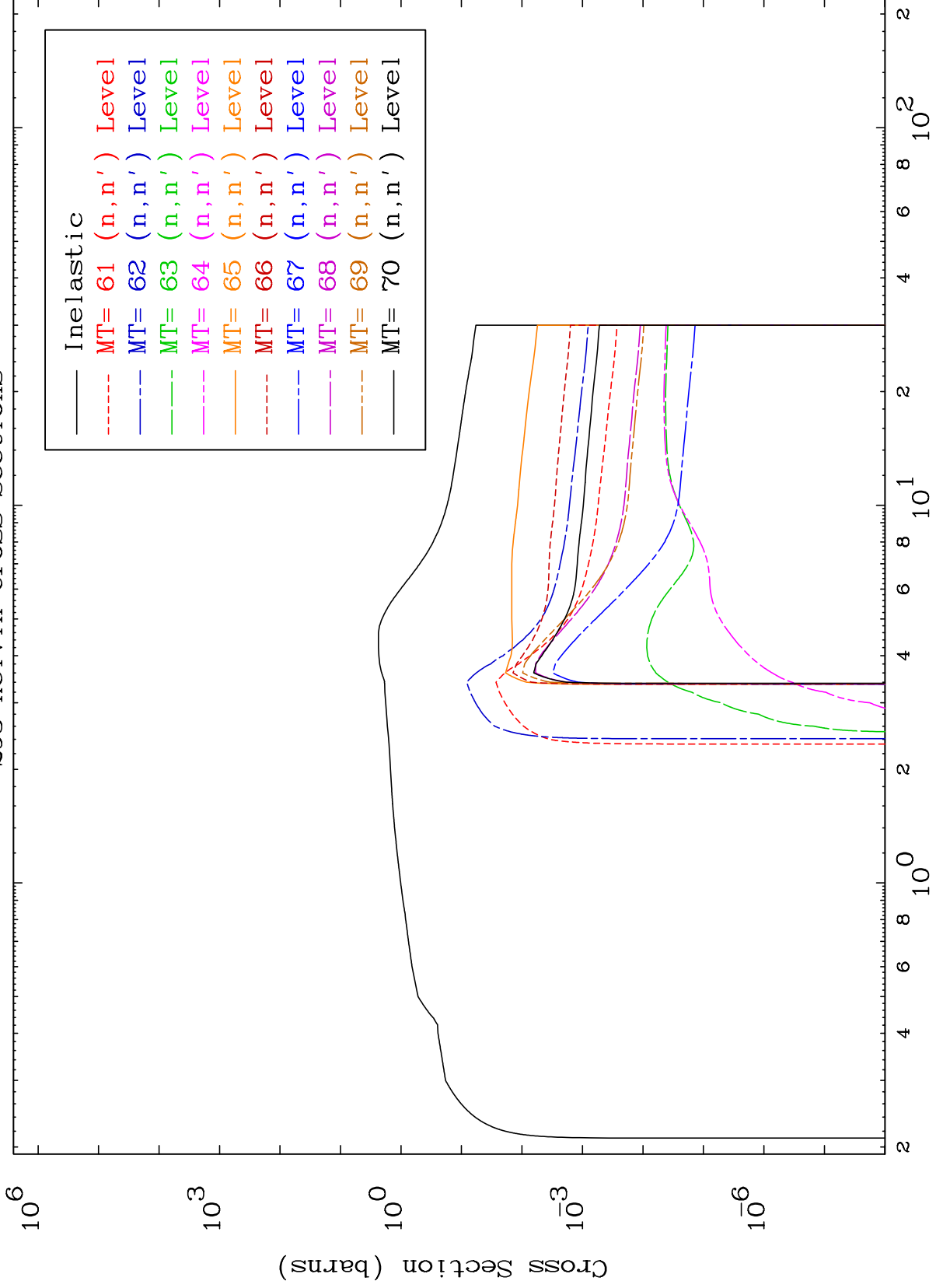


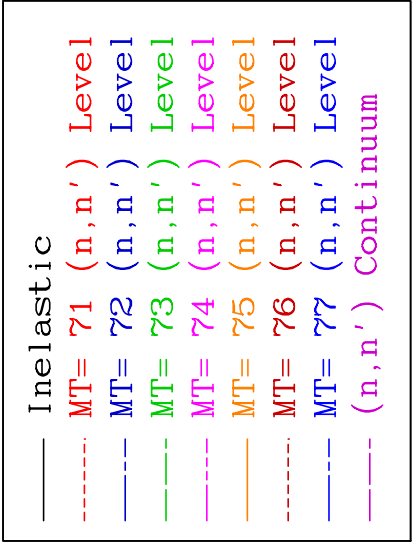
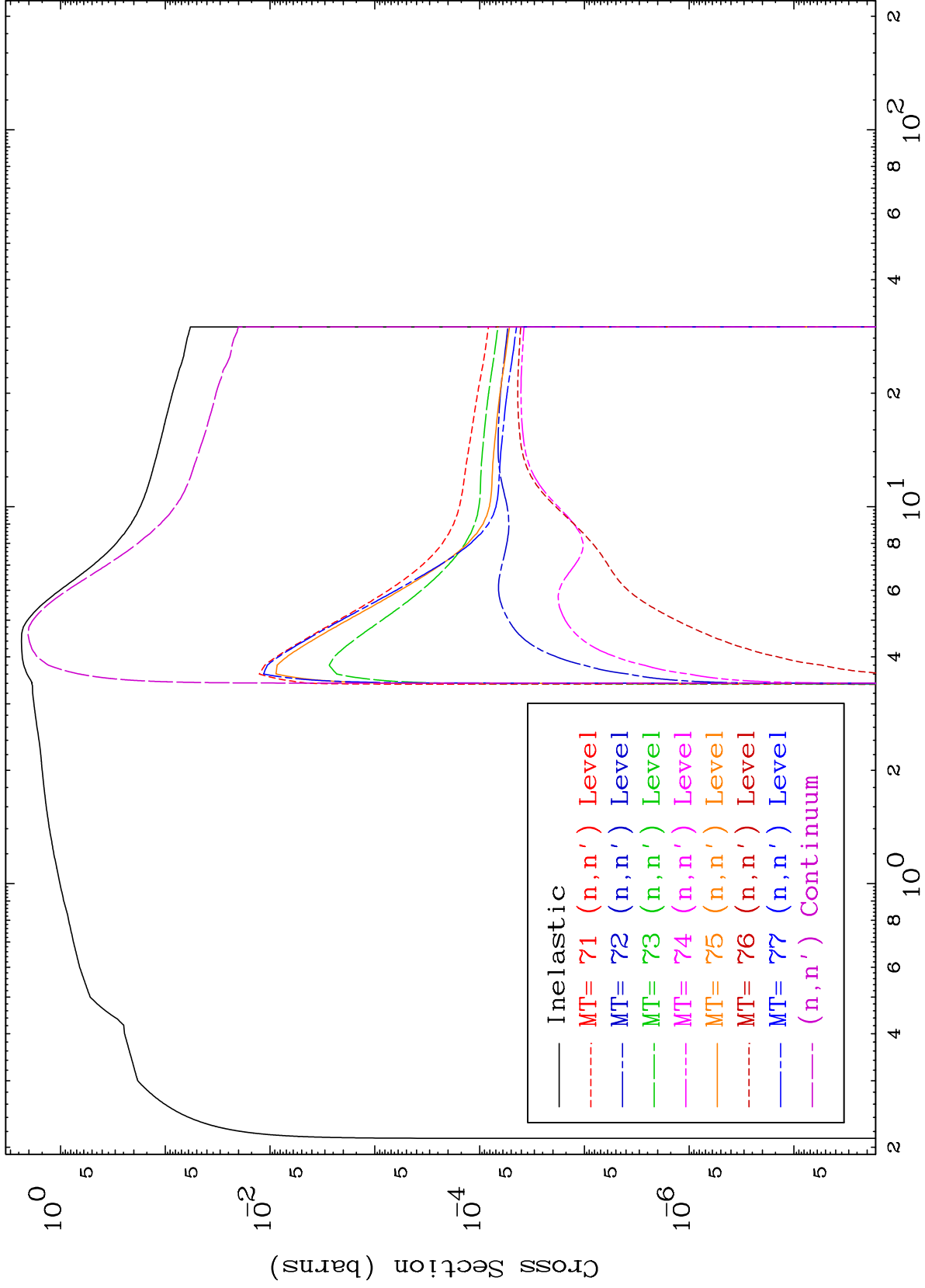


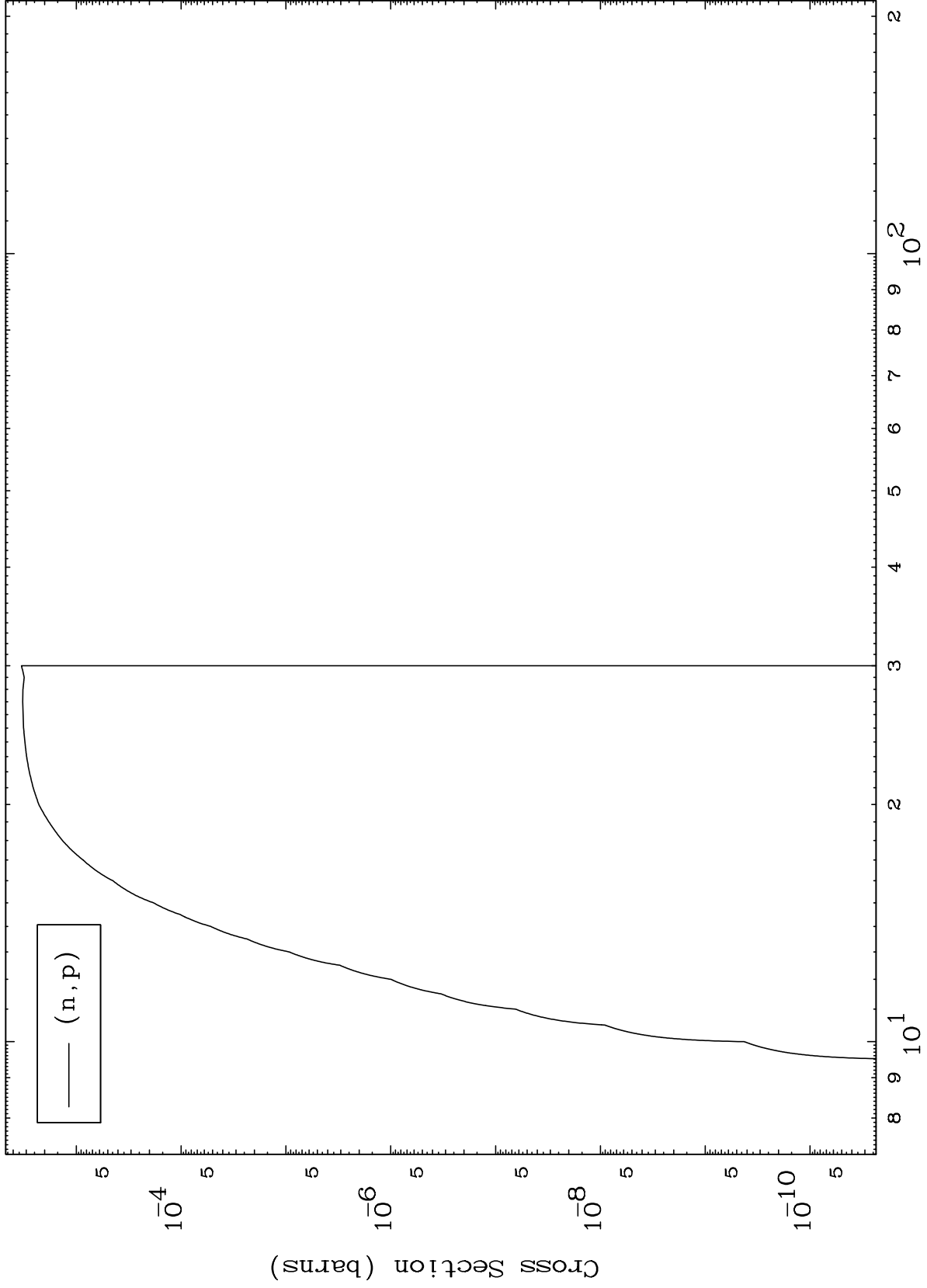




293 Kelvin Cross Sections



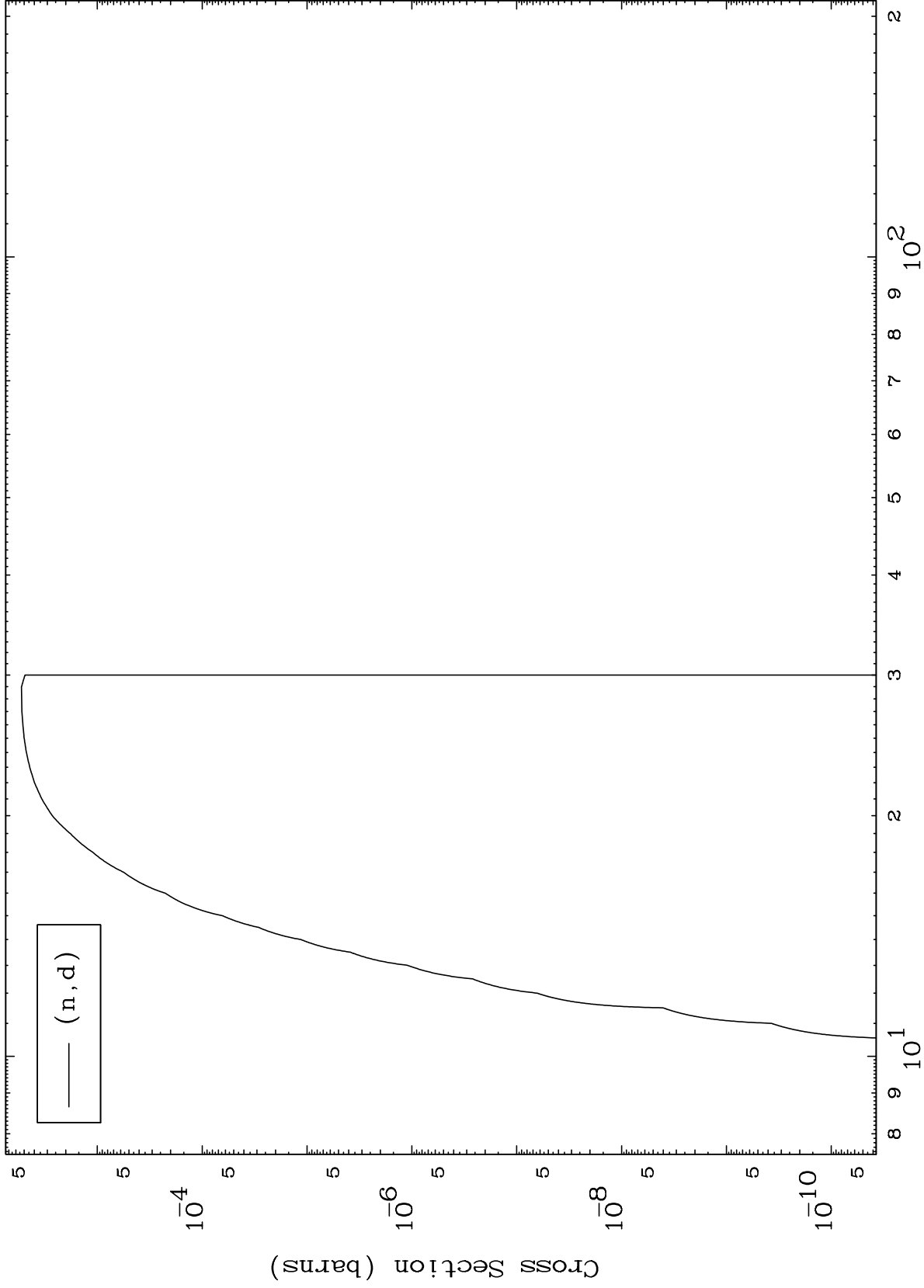




MAT 5361

(n,d) Levels  
293 Kelvin Cross Sections

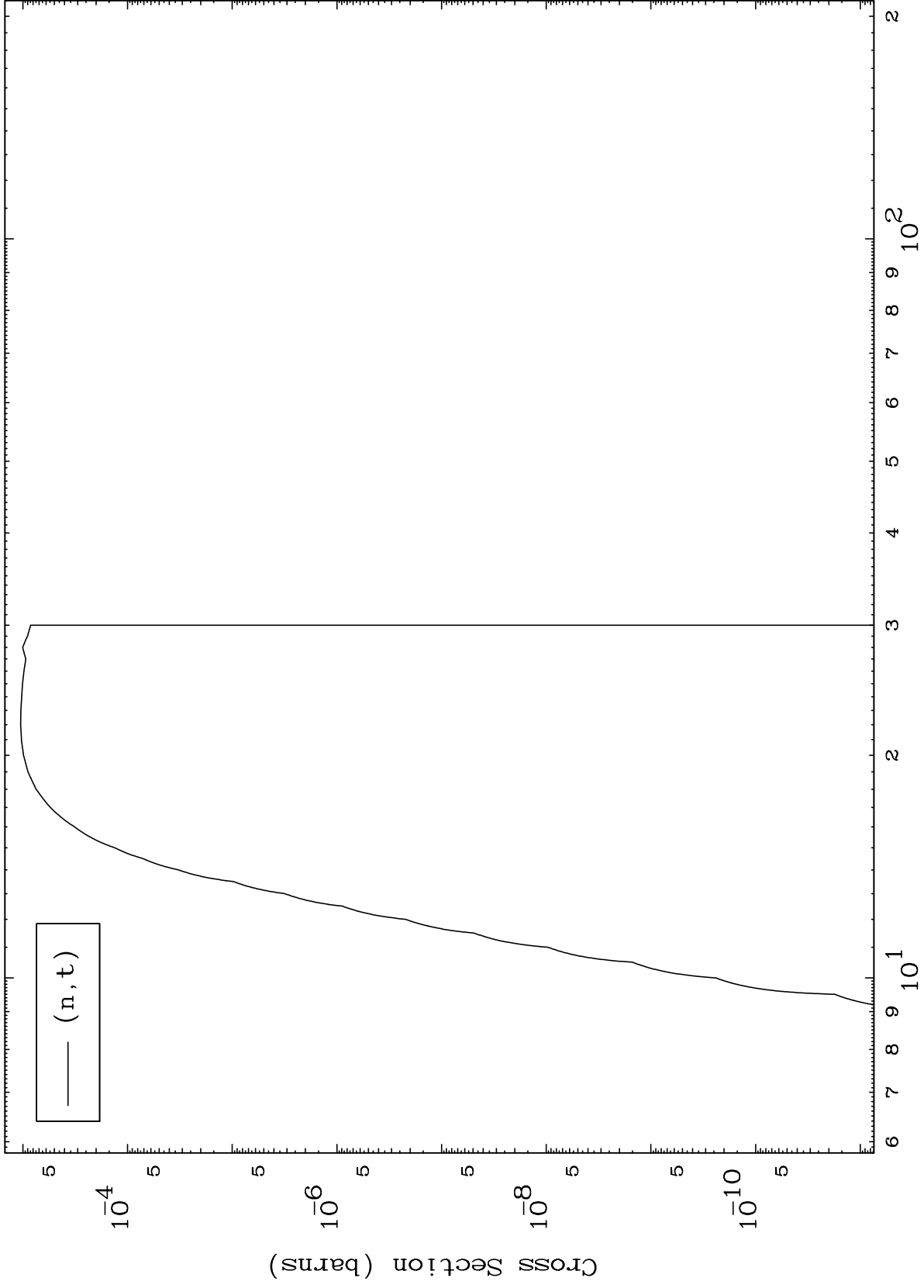
53-I -139



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Incident Energy (MeV)

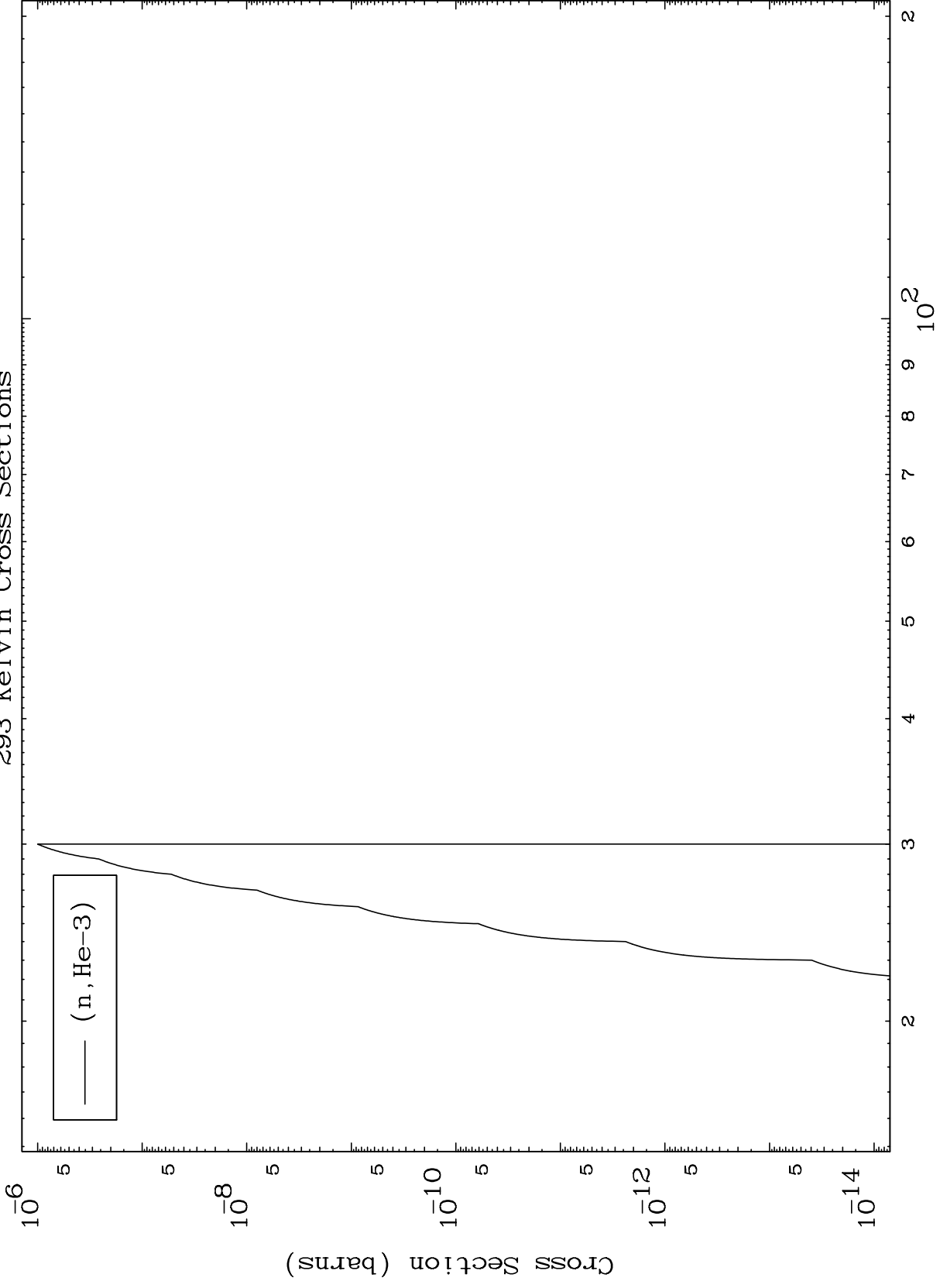
53-I -139



MAT 5361

(n,He3) Levels  
293 Kelvin Cross Sections

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14

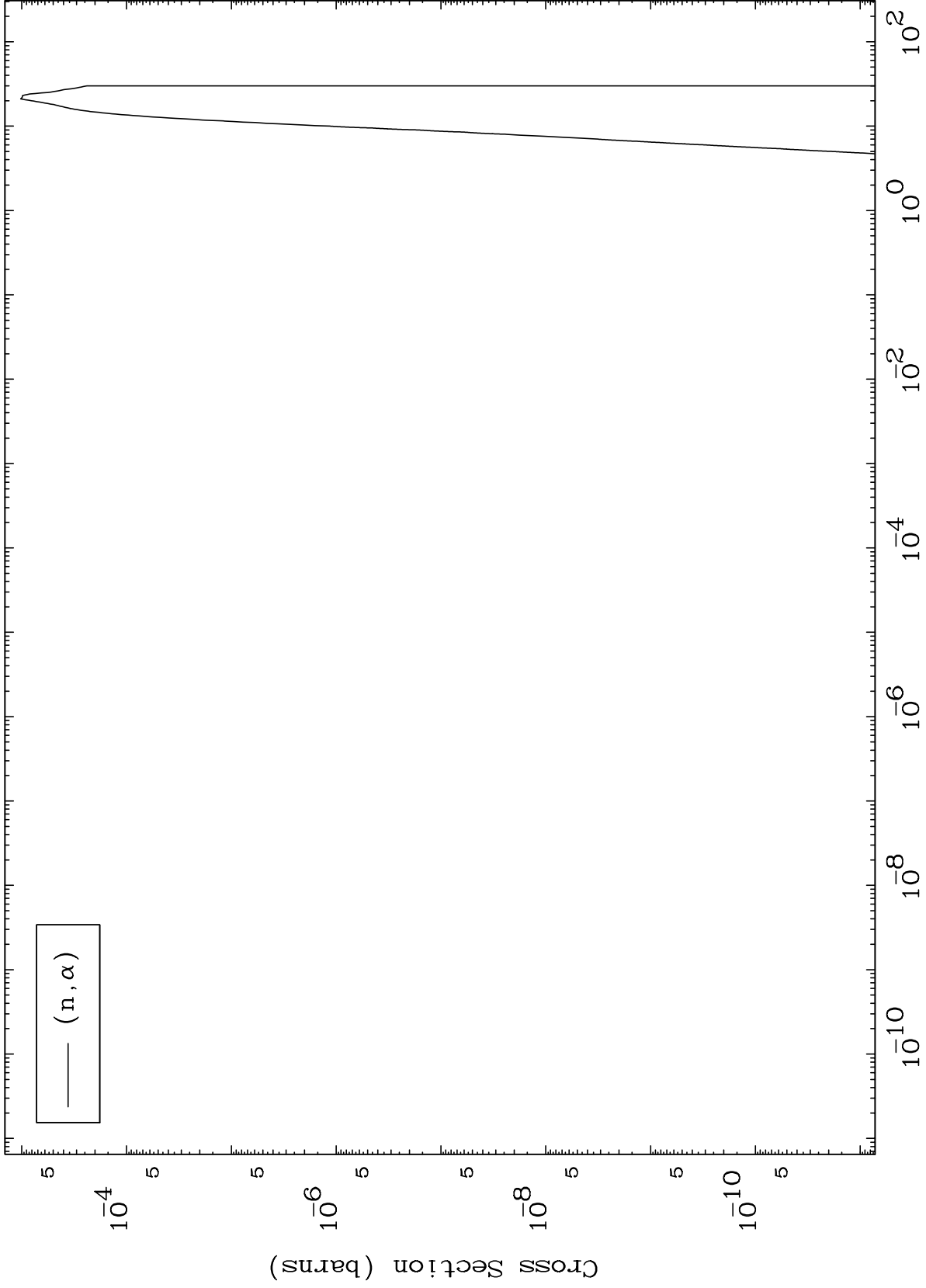
Incident Energy (MeV)

53-I -139

MAT 5361

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

53-I -139

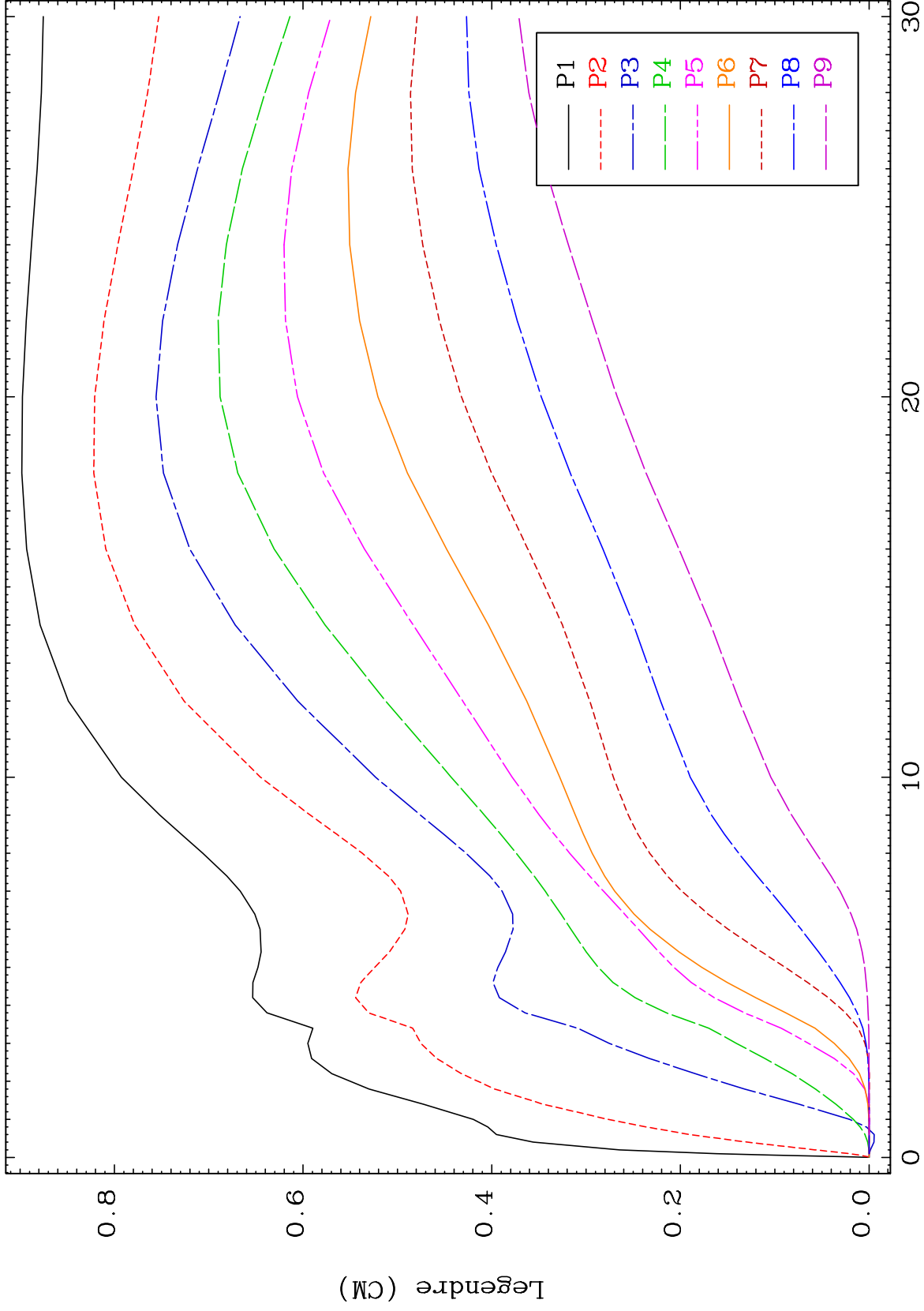


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Incident Energy (MeV)

53-I -139

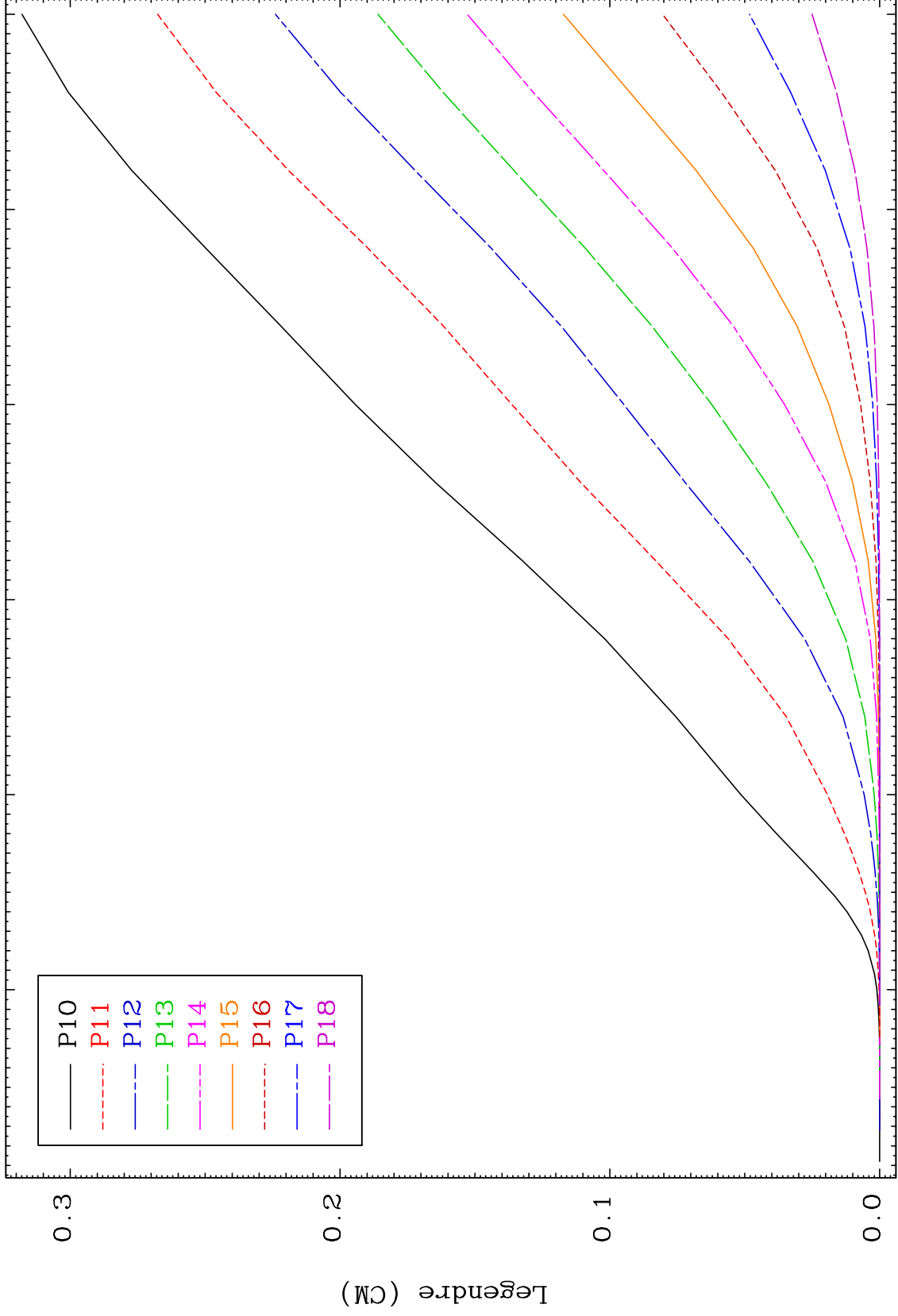




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Elastic Legendre Coefficients

53-I -139



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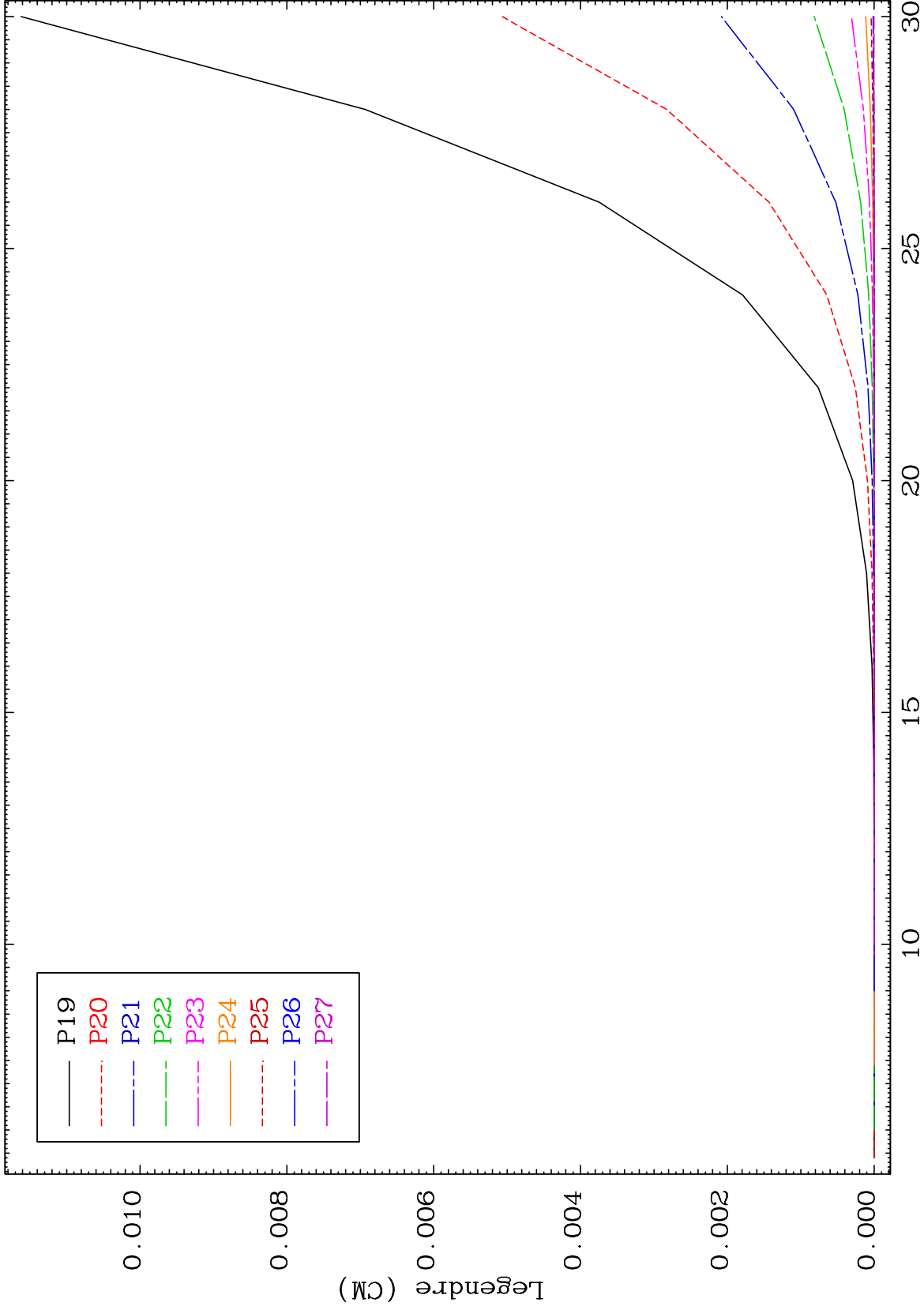
Incident Energy (MeV)

53-I -139

MAT 5361

### Elastic Legendre Coefficients

53-I -139



18

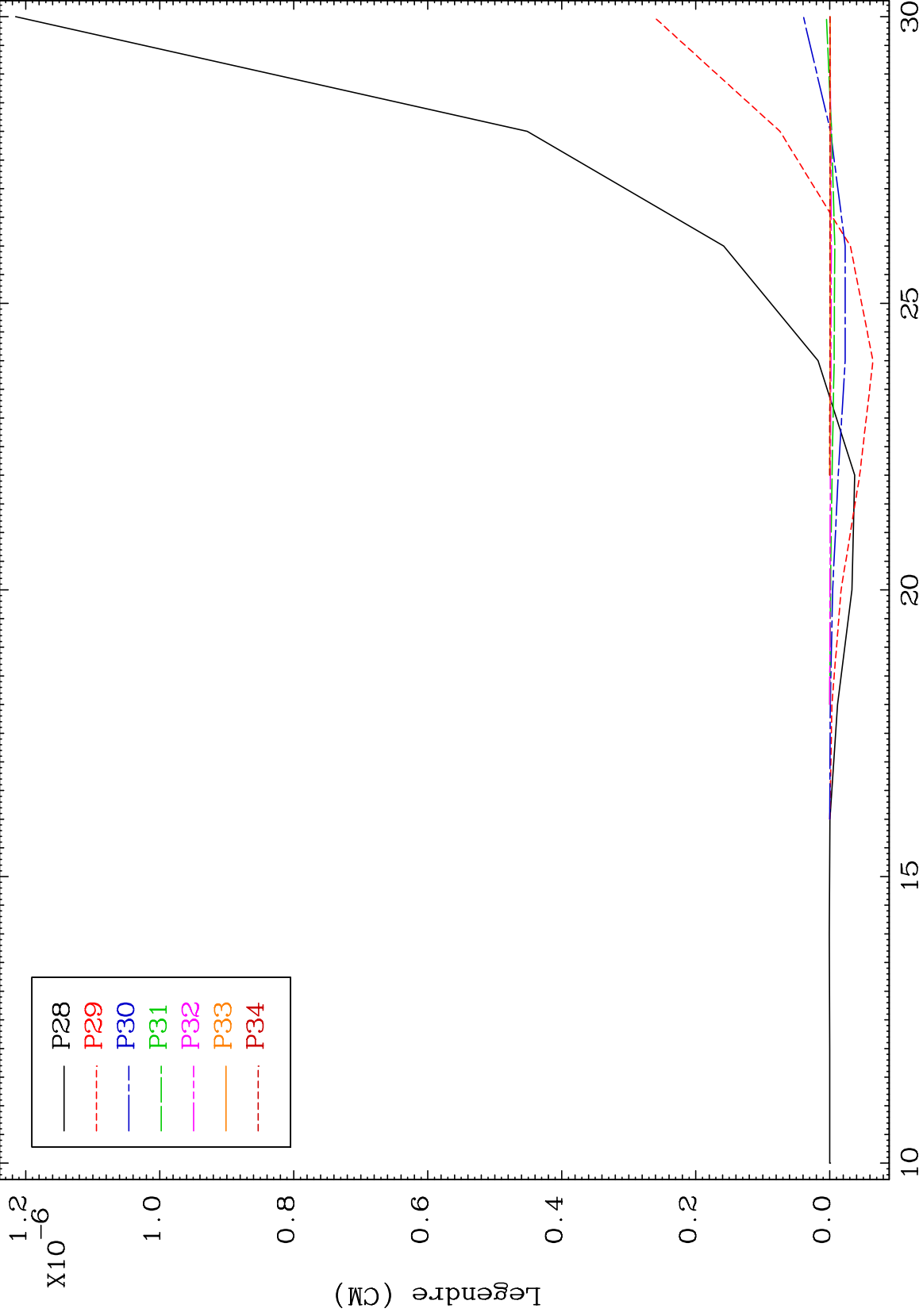
Incident Energy (MeV)

53-I -139

MAT 5361

Elastic Legendre Coefficients

53-I -139



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Incident Energy (MeV)

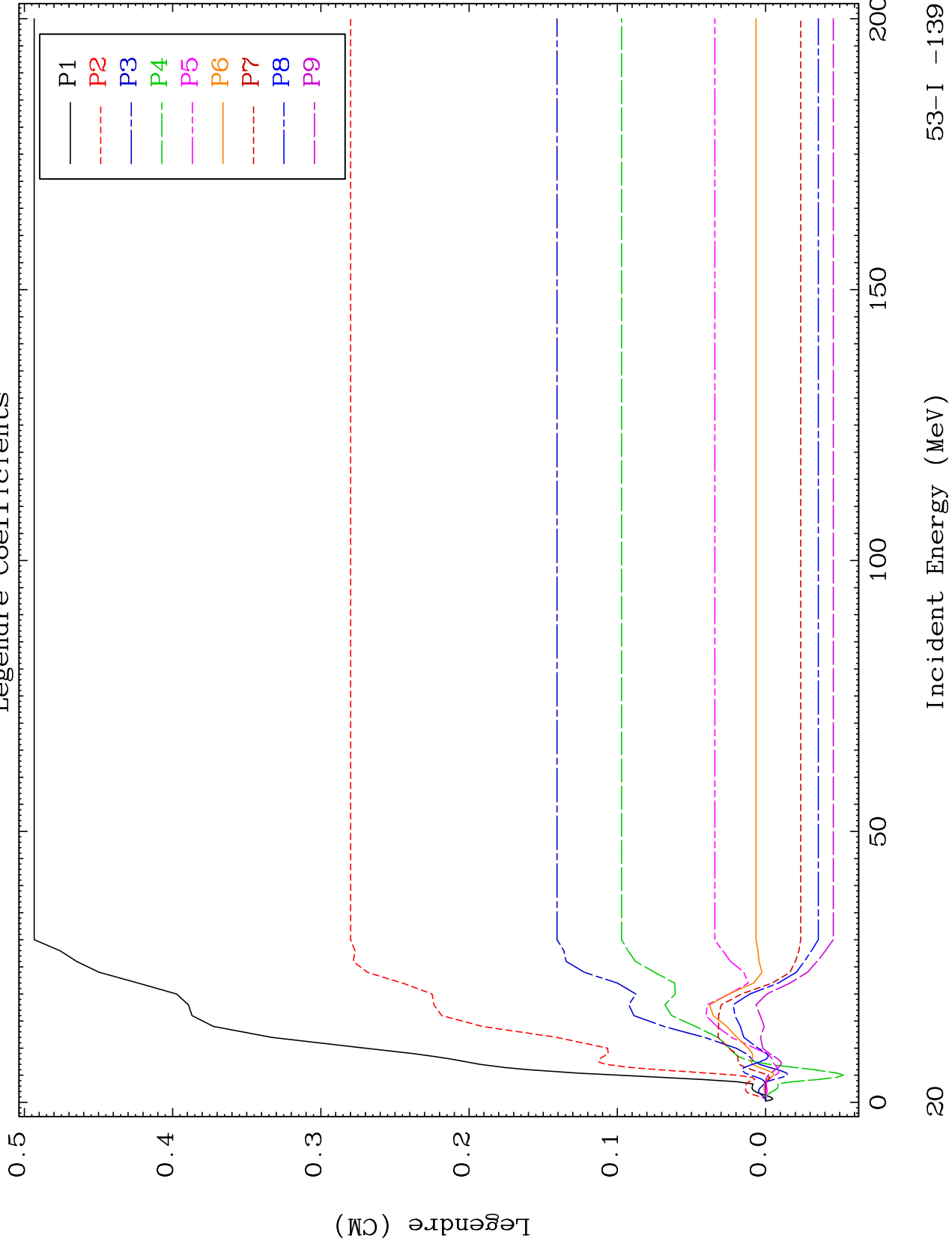
53-I -139

MAT 5361

MT= 51 (n,n') Level

53-I -139

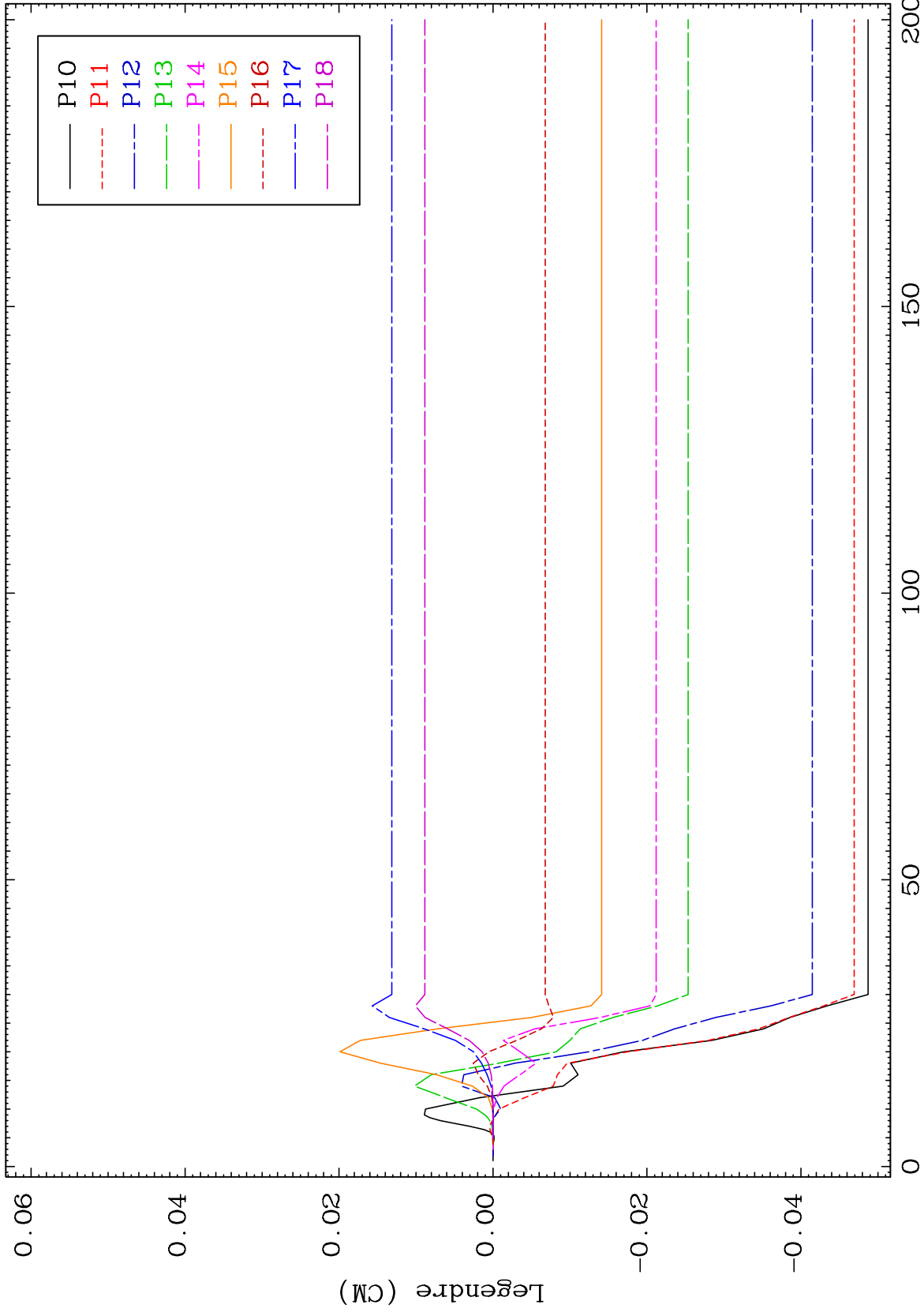
Legendre Coefficients



MAT 5361

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

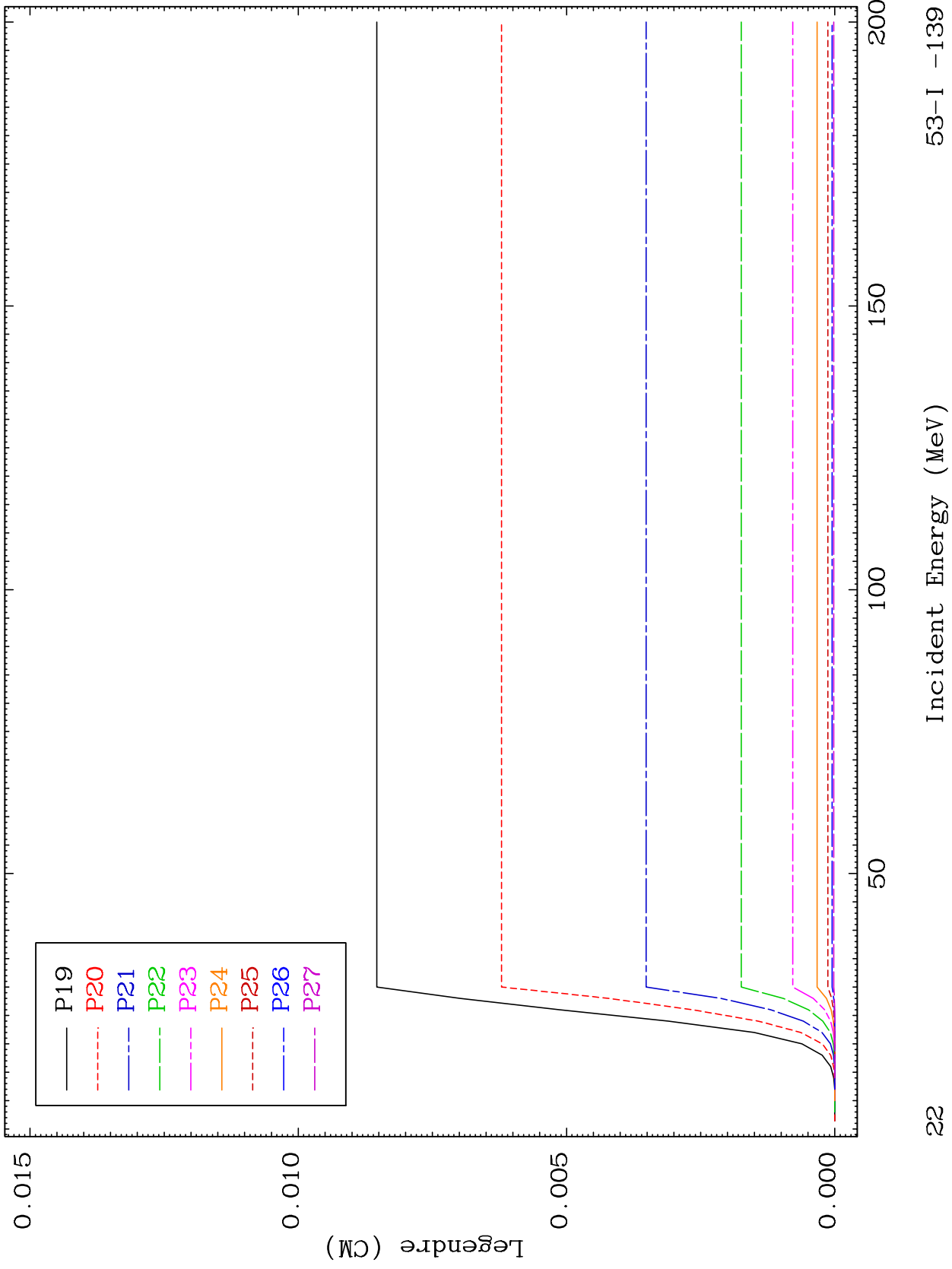
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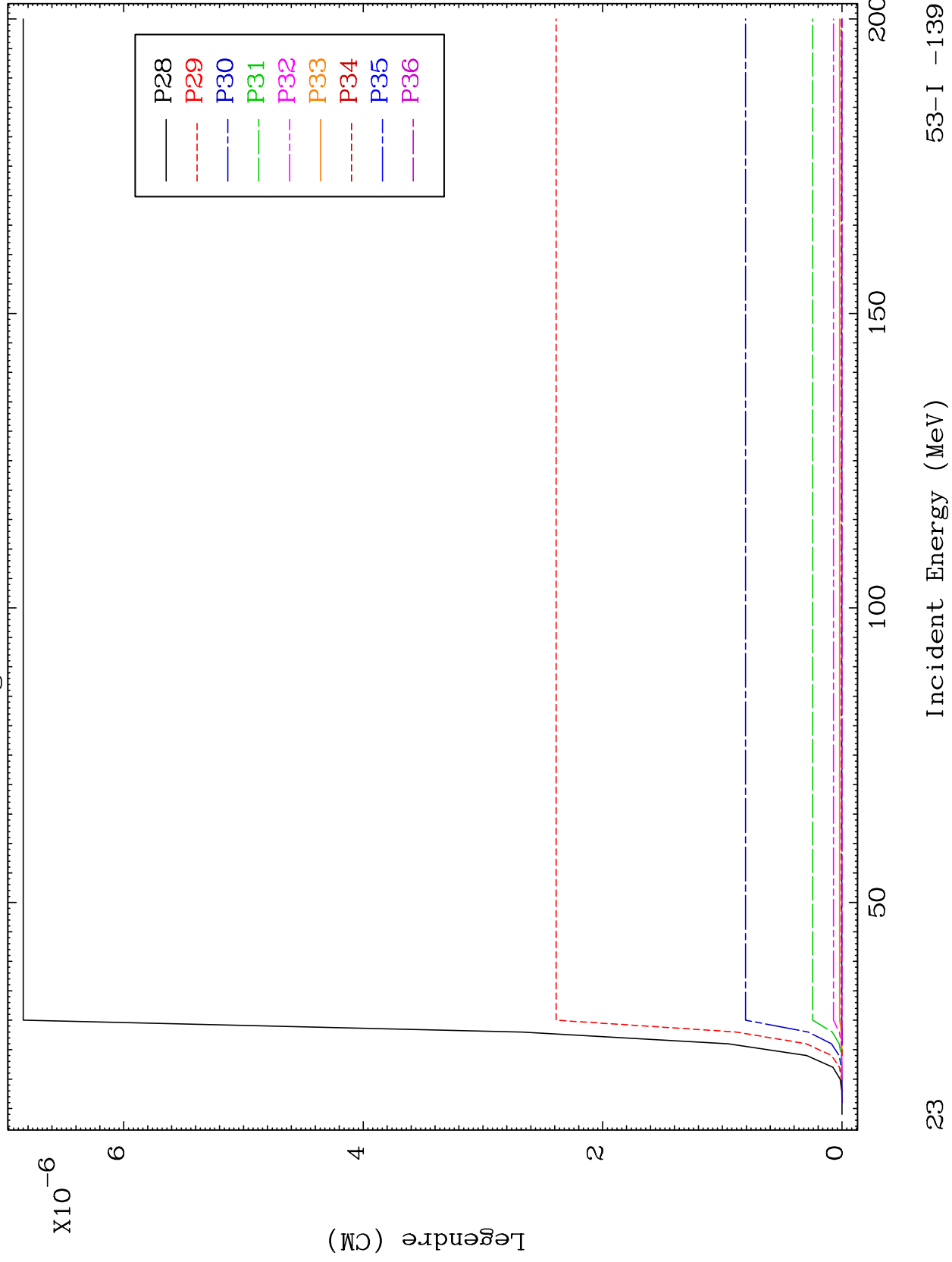


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Incident Energy (MeV)

53-I -139





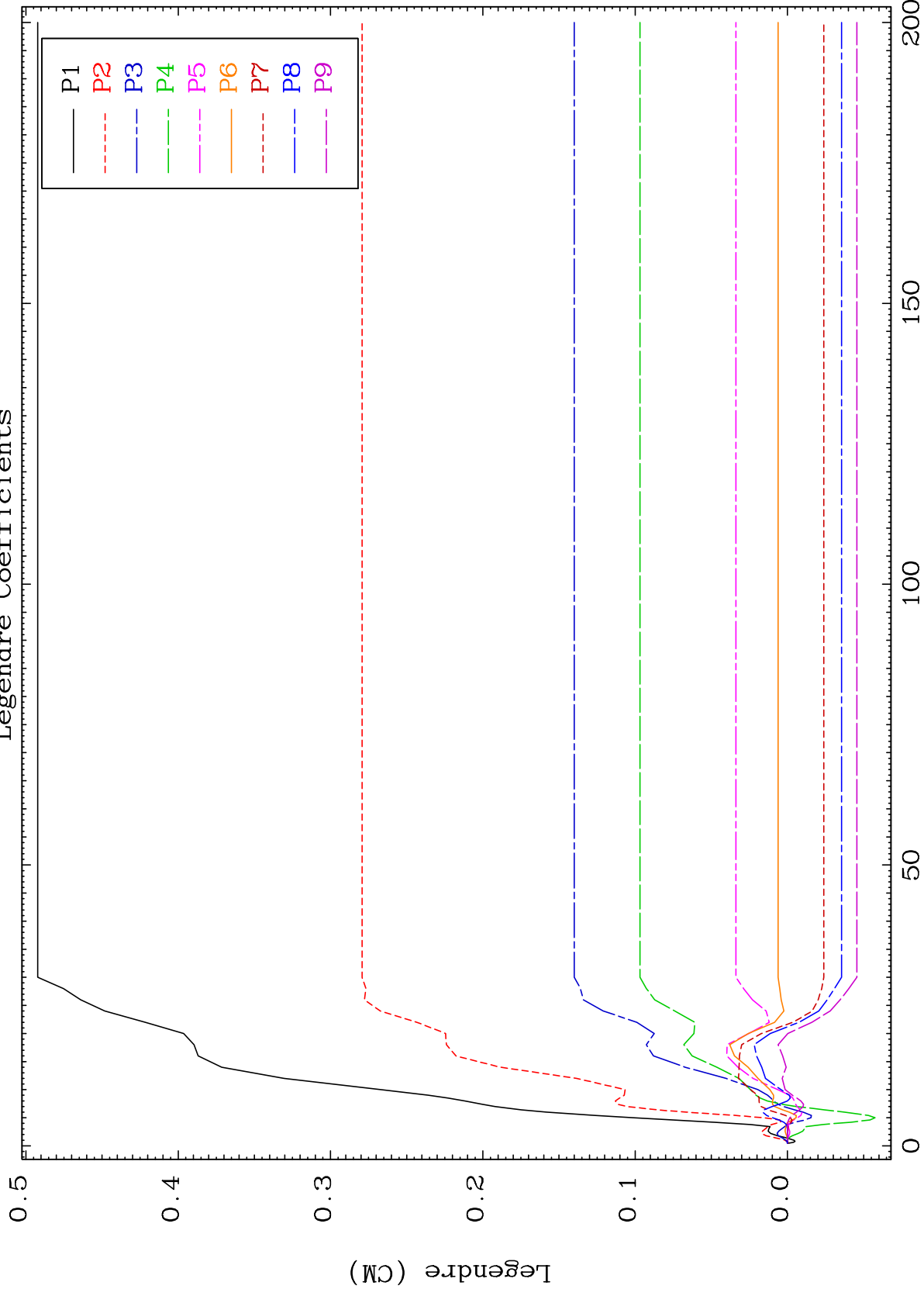


MAT 5361

MT= 52 (n,n') Level

53-I -139

Legendre Coefficients



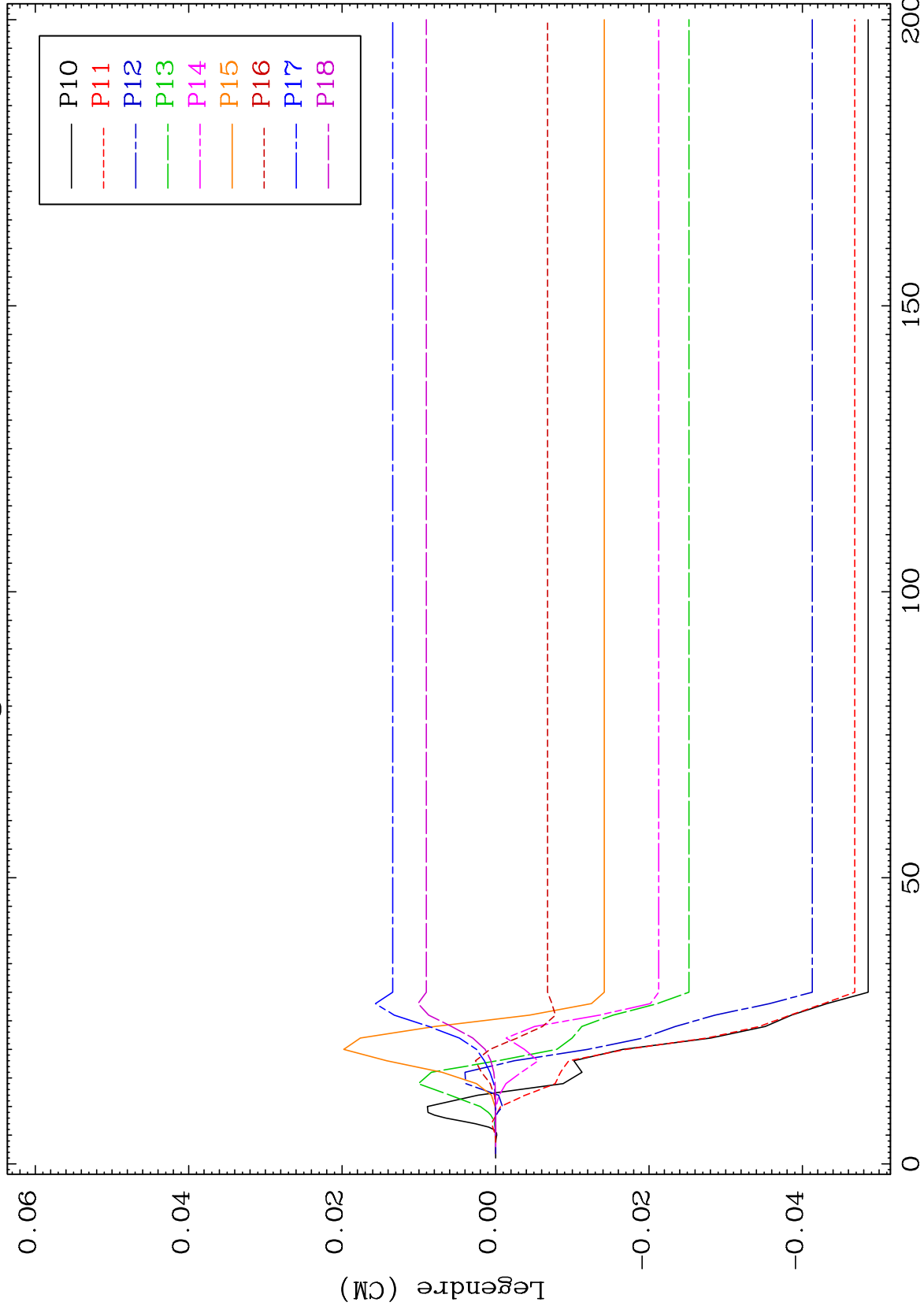
24

53-I -139

MAT 5361

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

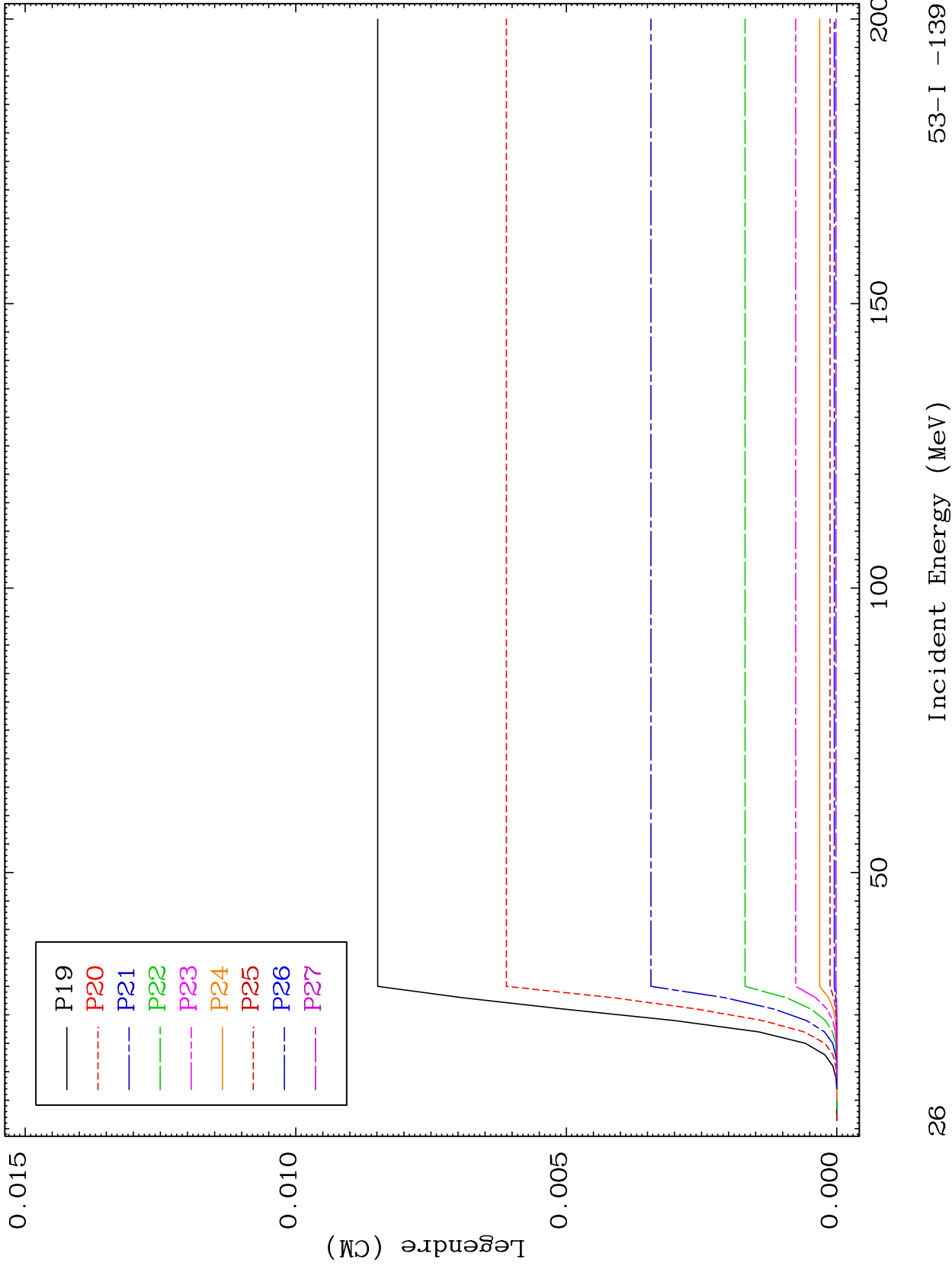
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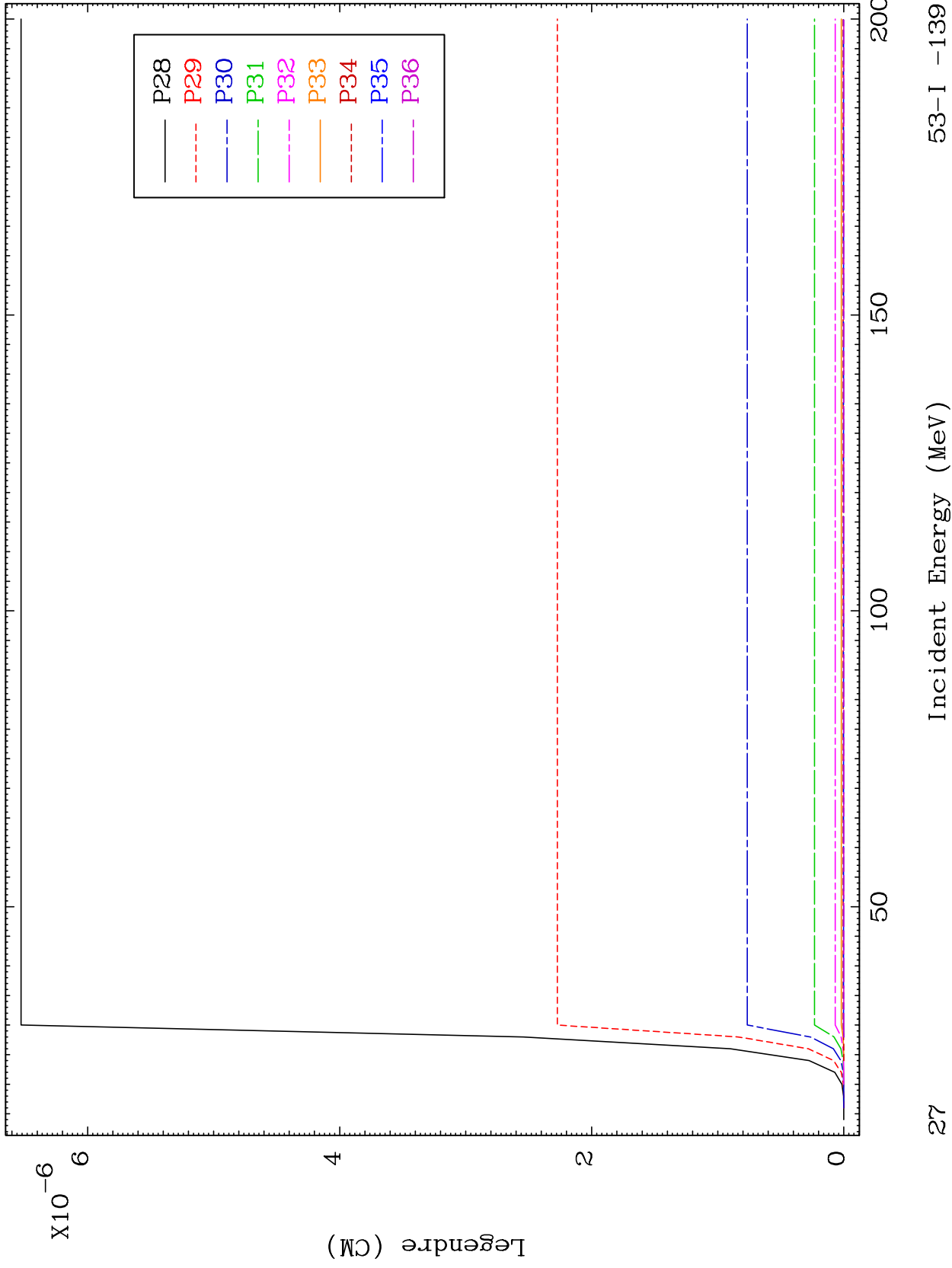


25

Incident Energy (MeV)

53-I -139



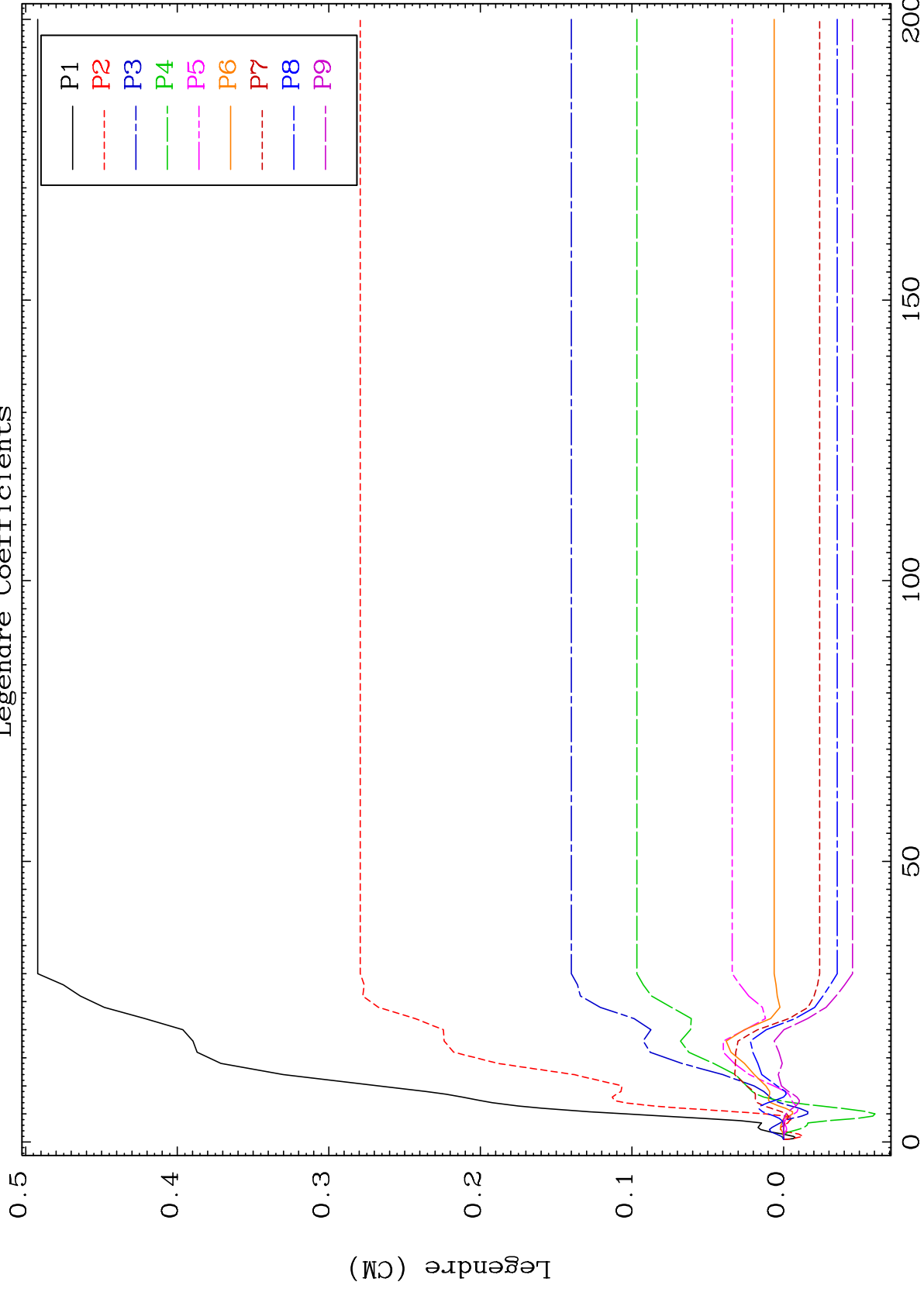


MAT 5361

MT= 53 (n,n') Level

53-I -139

Legendre Coefficients



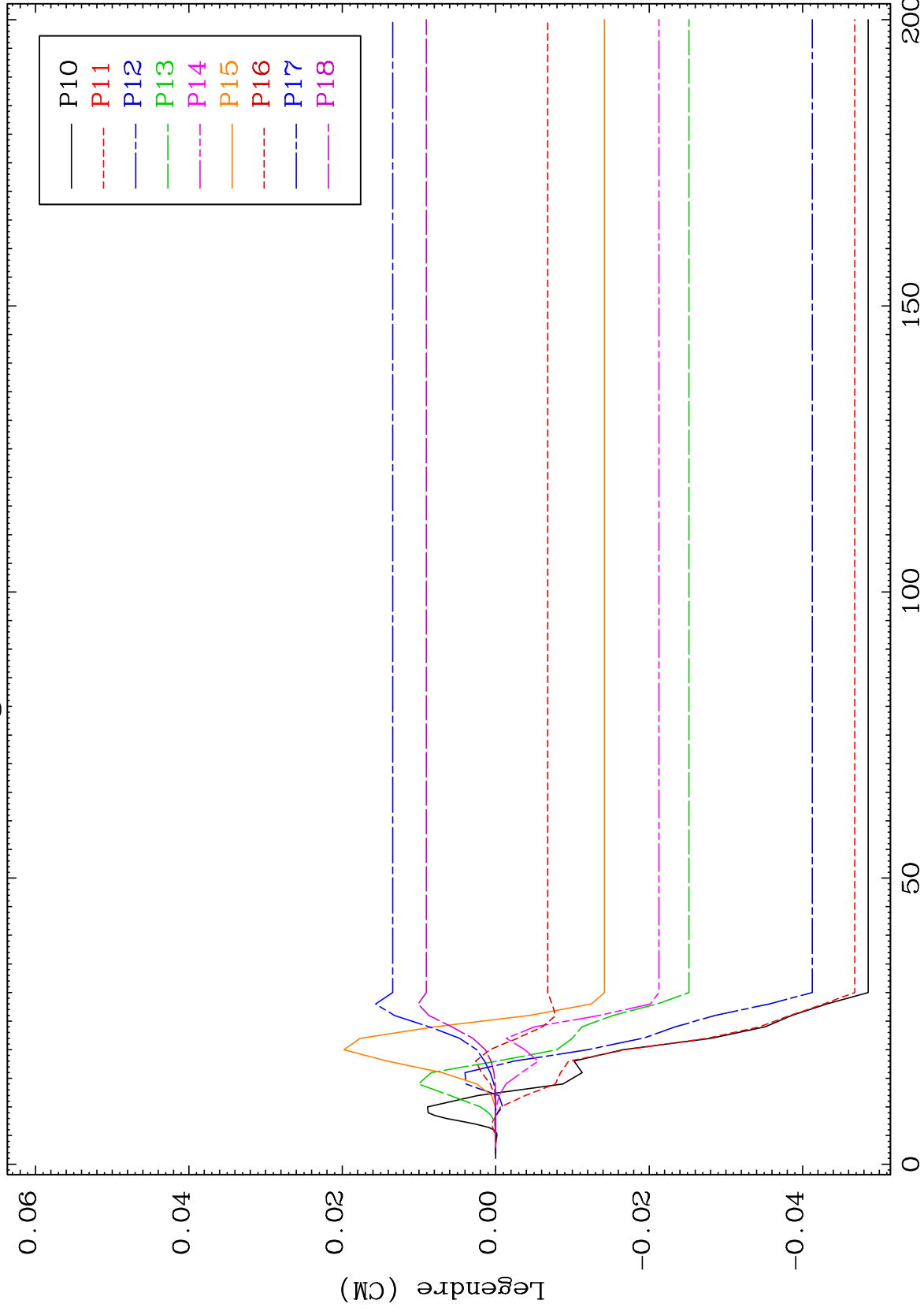
28

53-I -139

MAT 5361

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

53-I -139



29

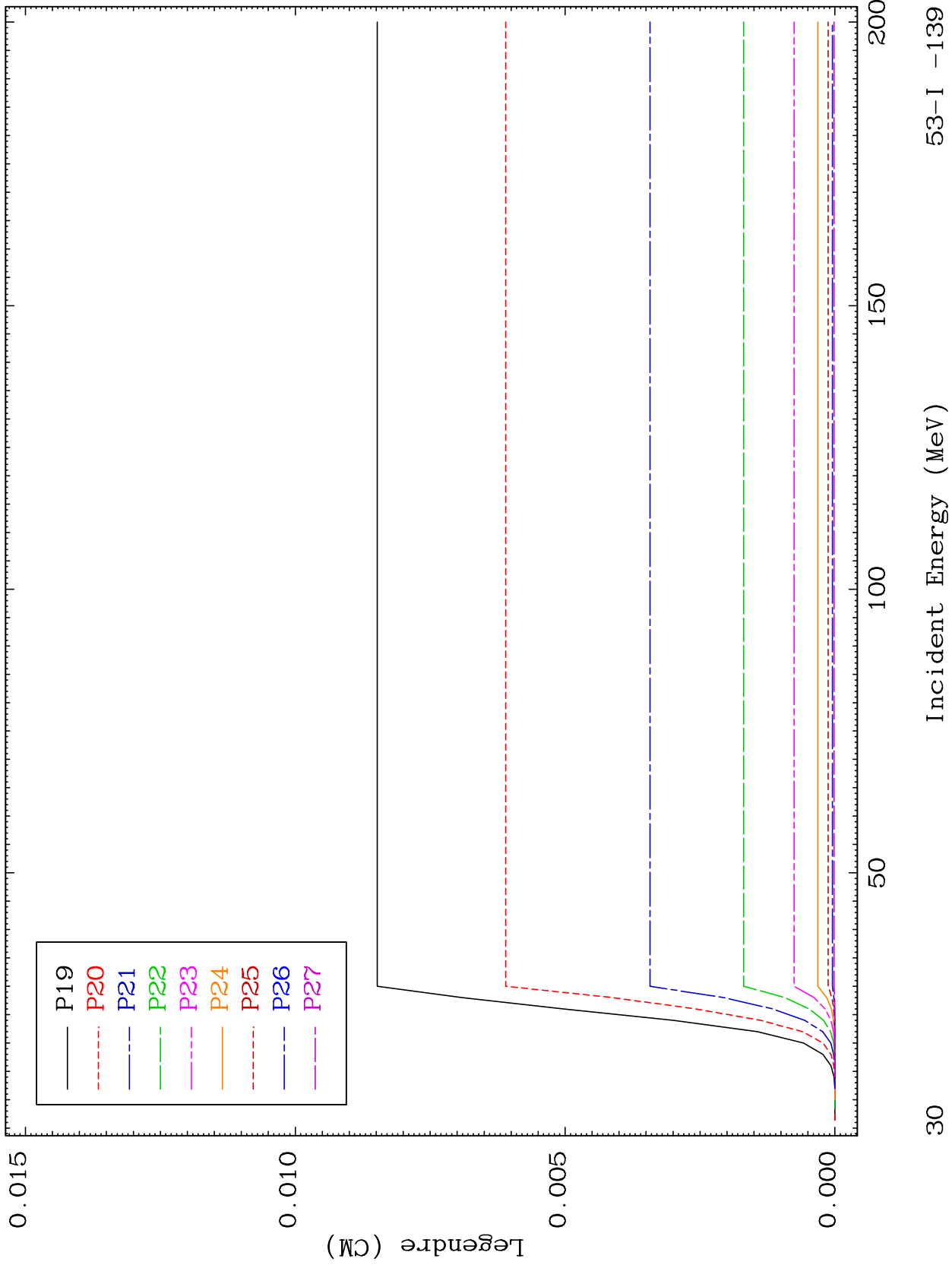
Incident Energy (MeV)

53-I -139

MAT 5361

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

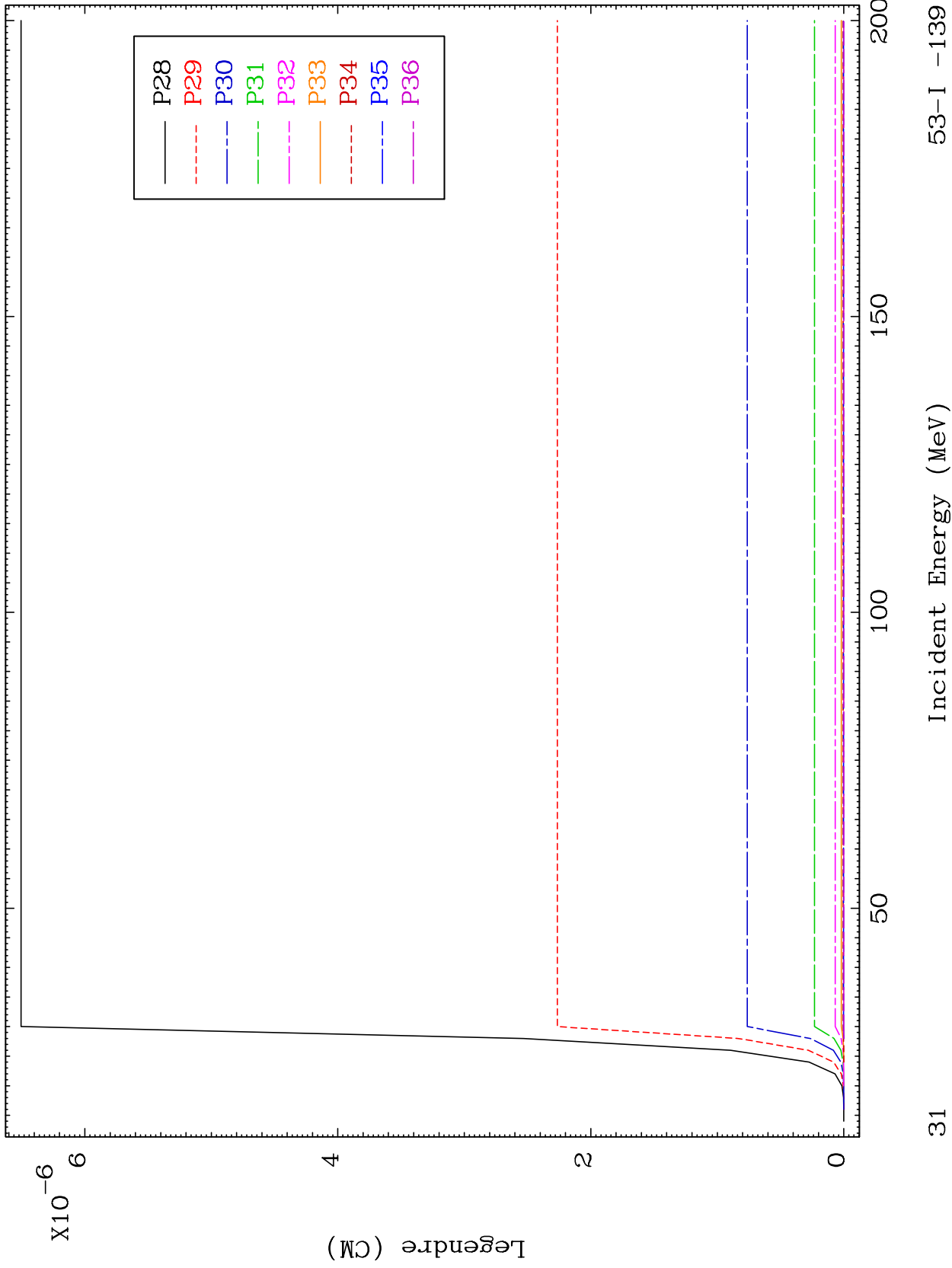
53-I -139



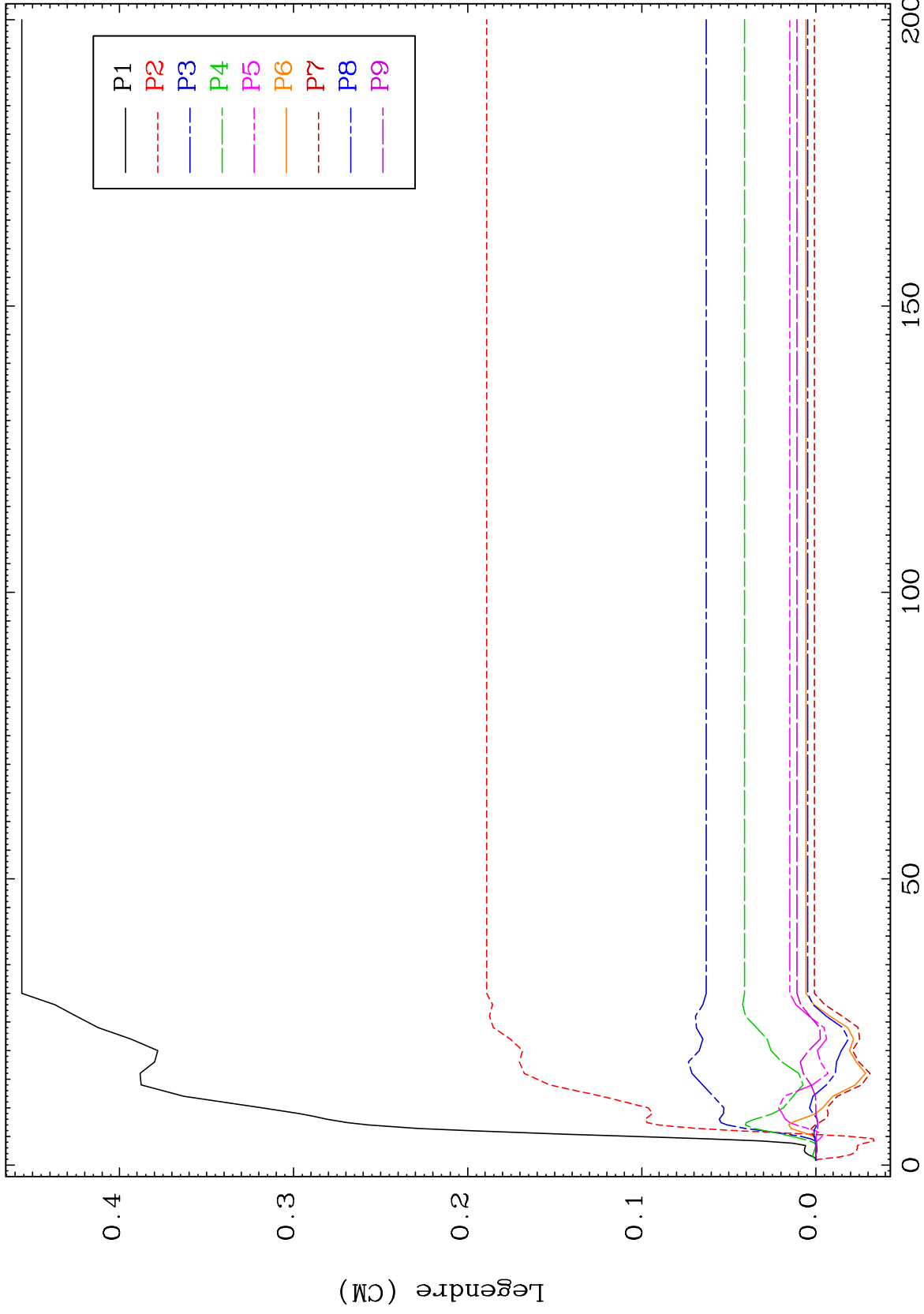
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Incident Energy (MeV)

53-I -139



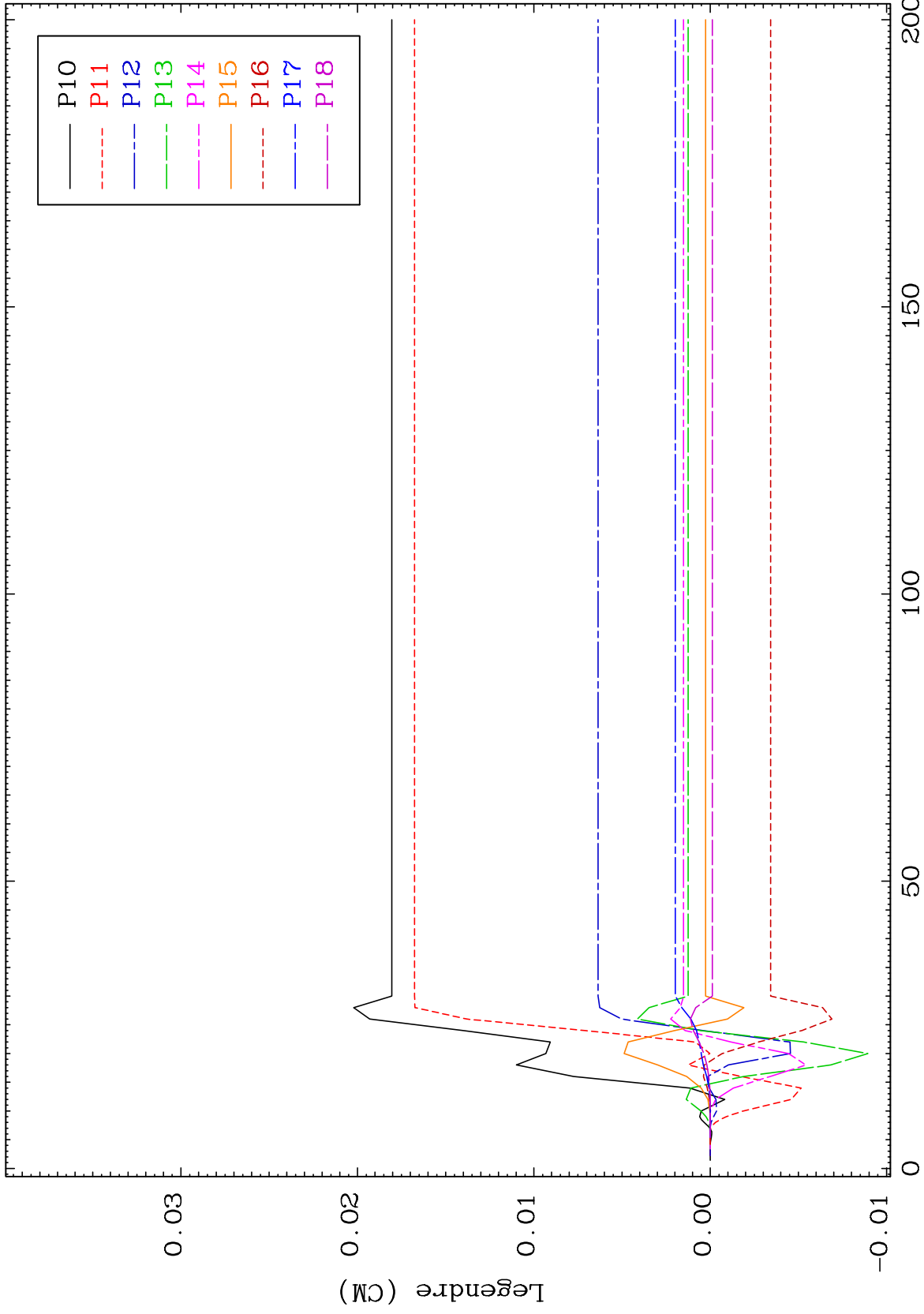




MAT 5361

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

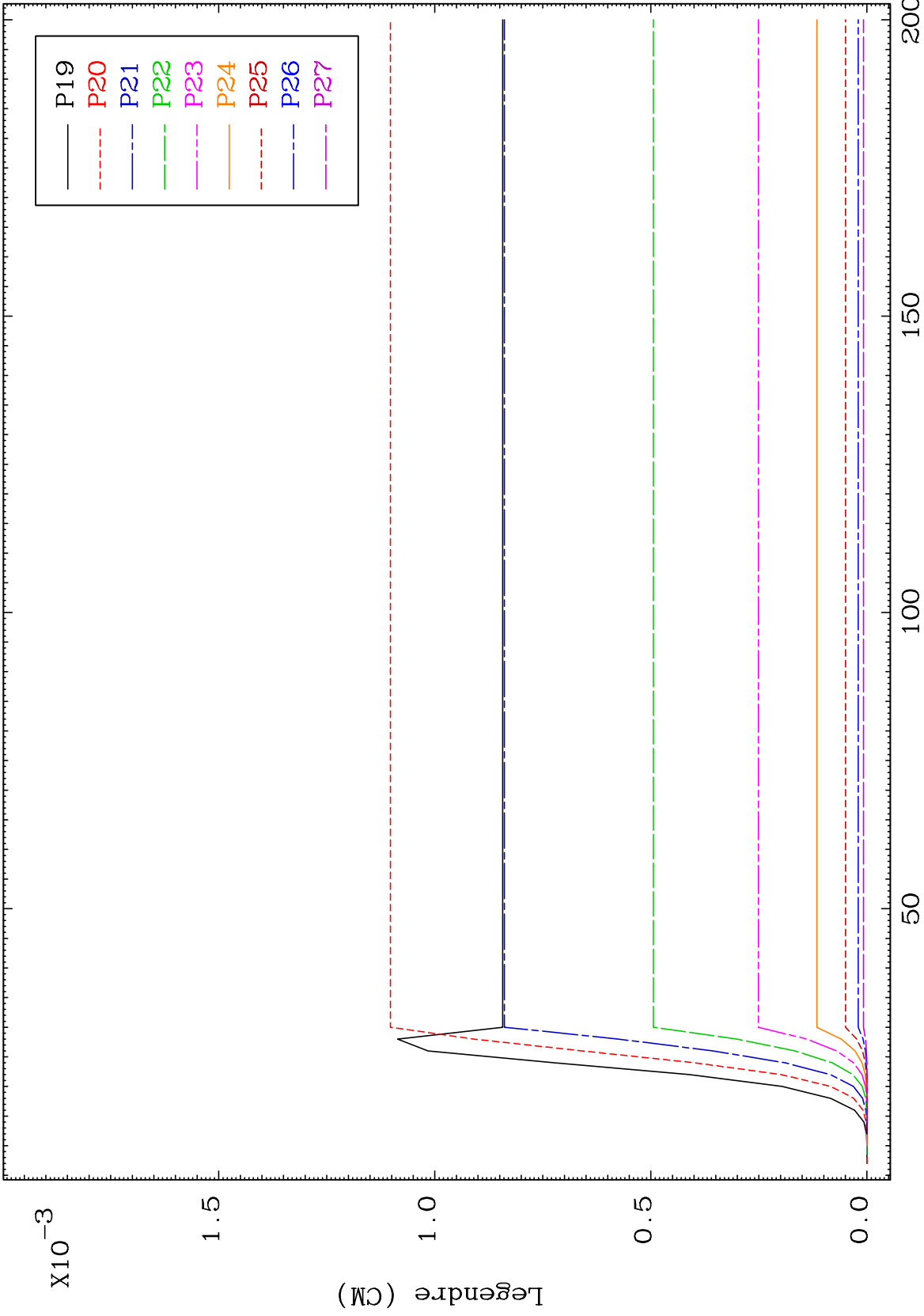
53-I -139



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Incident Energy (MeV)

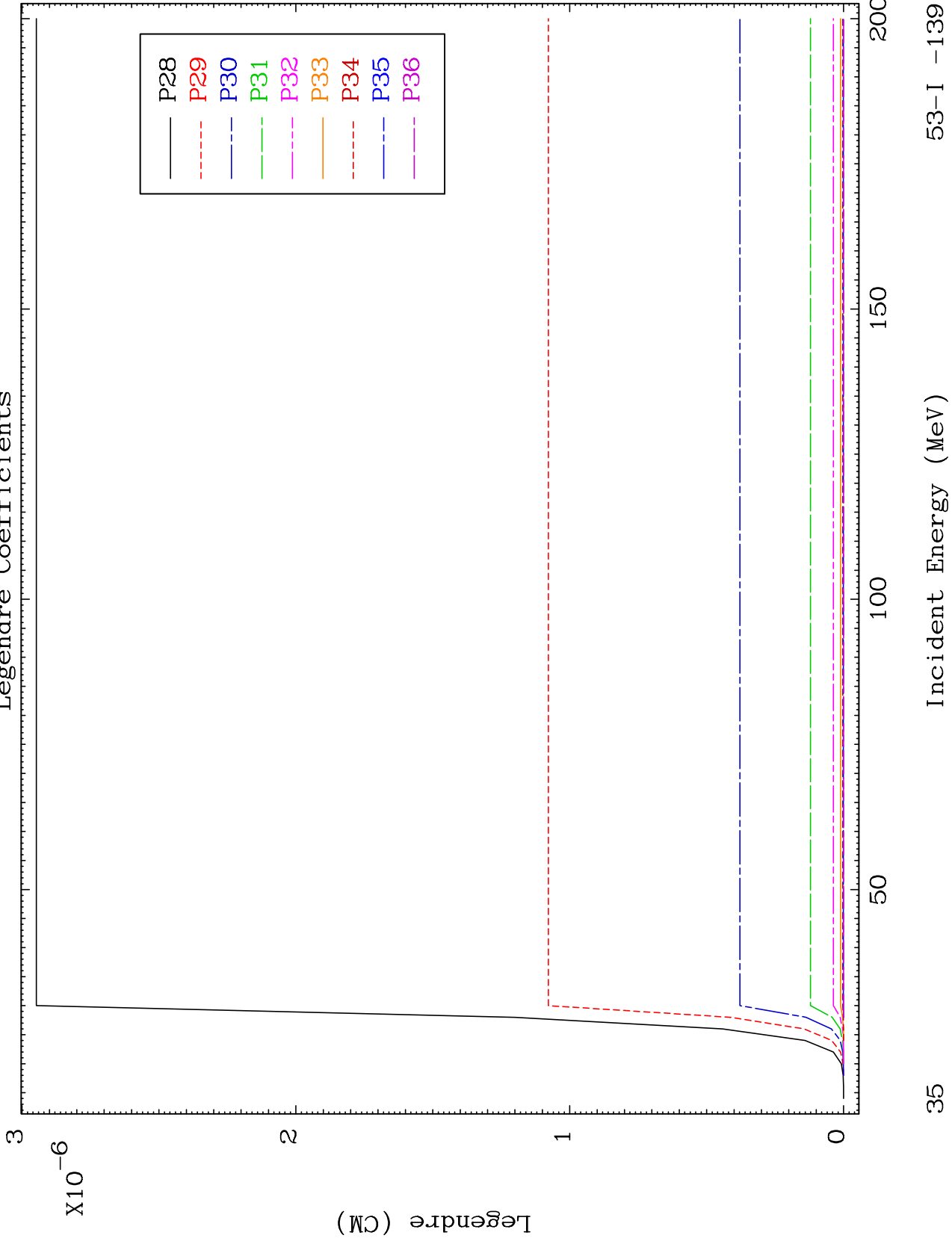
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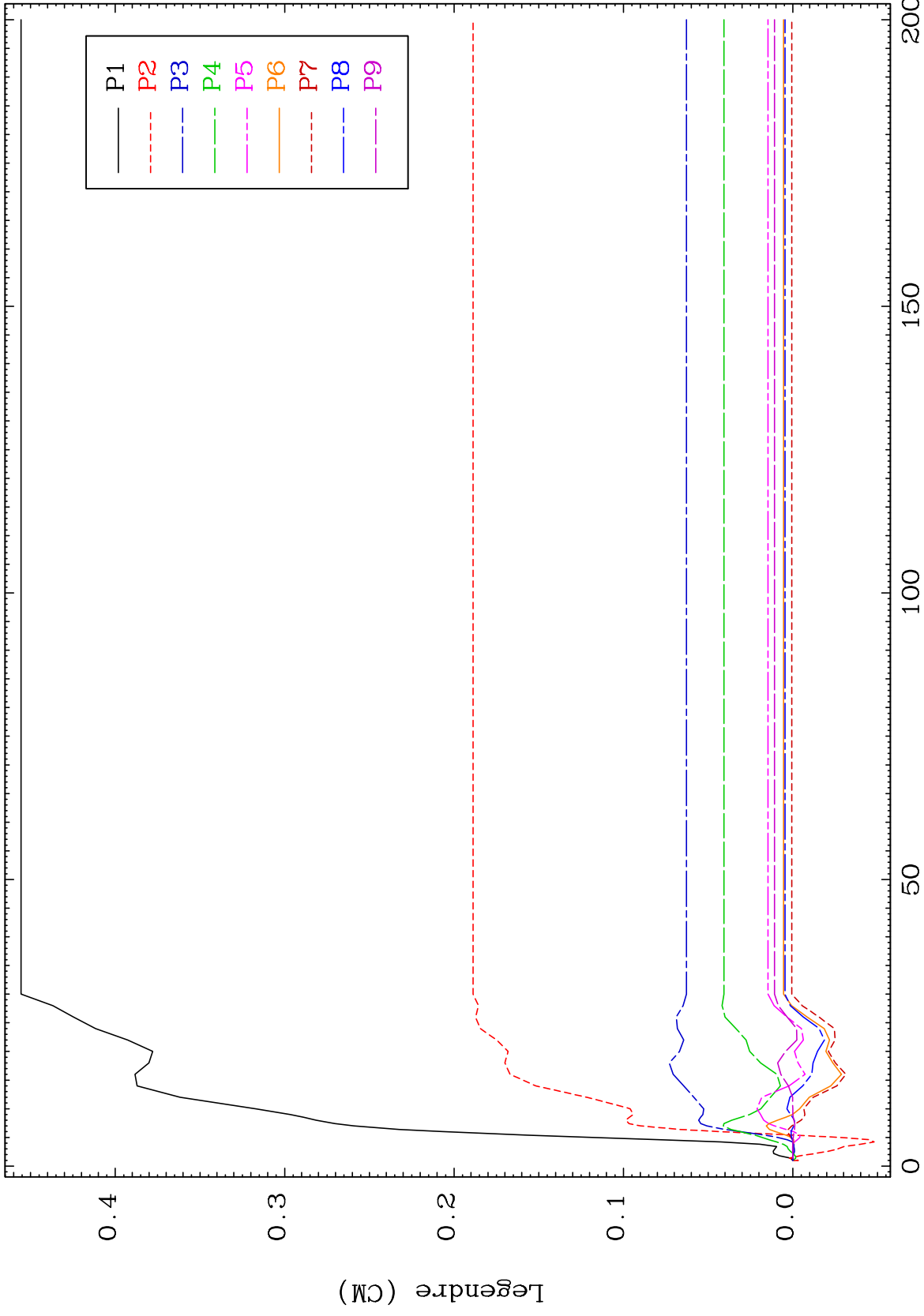


MAT 5361

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

53-I -139

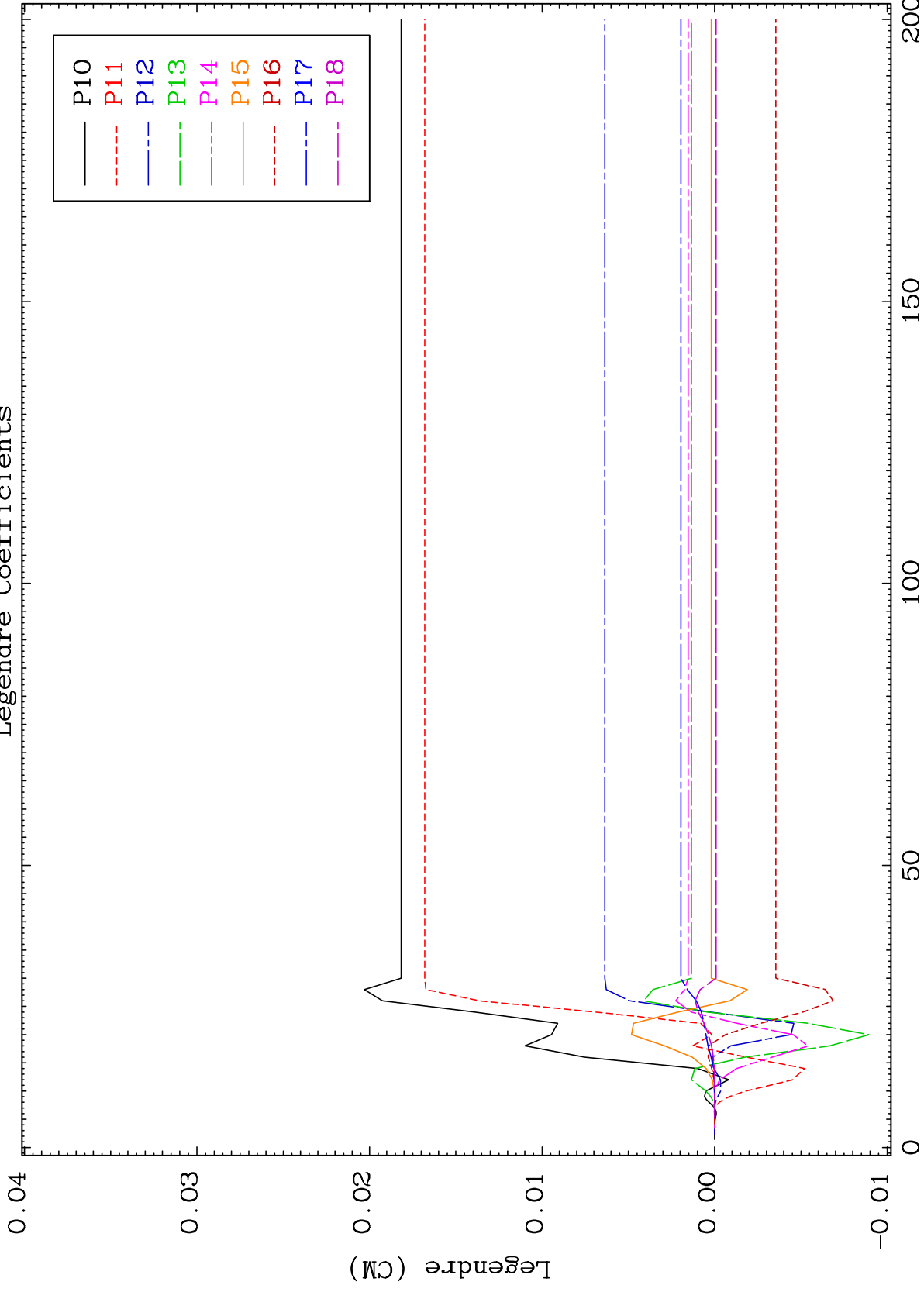




MAT 5361

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

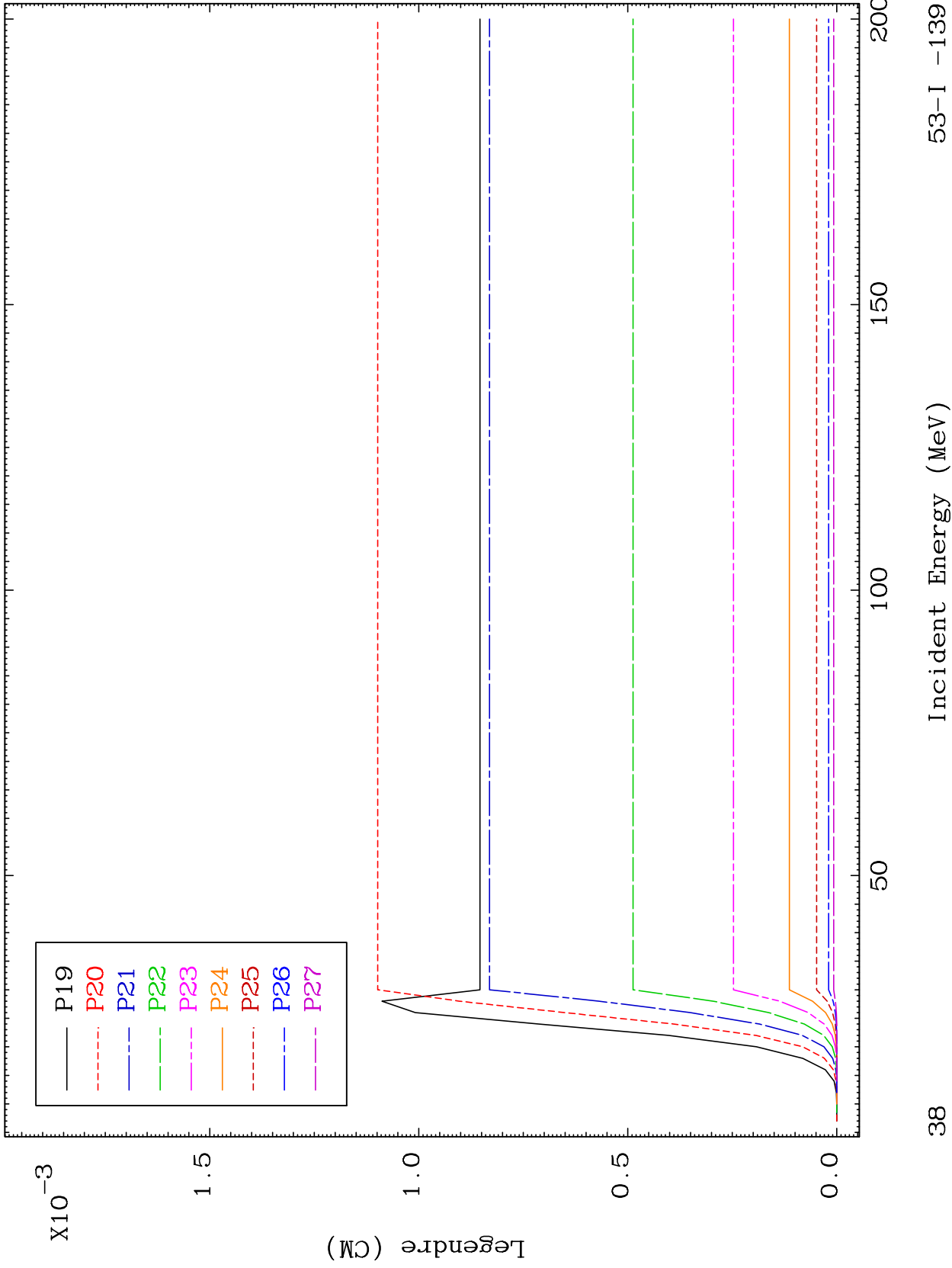
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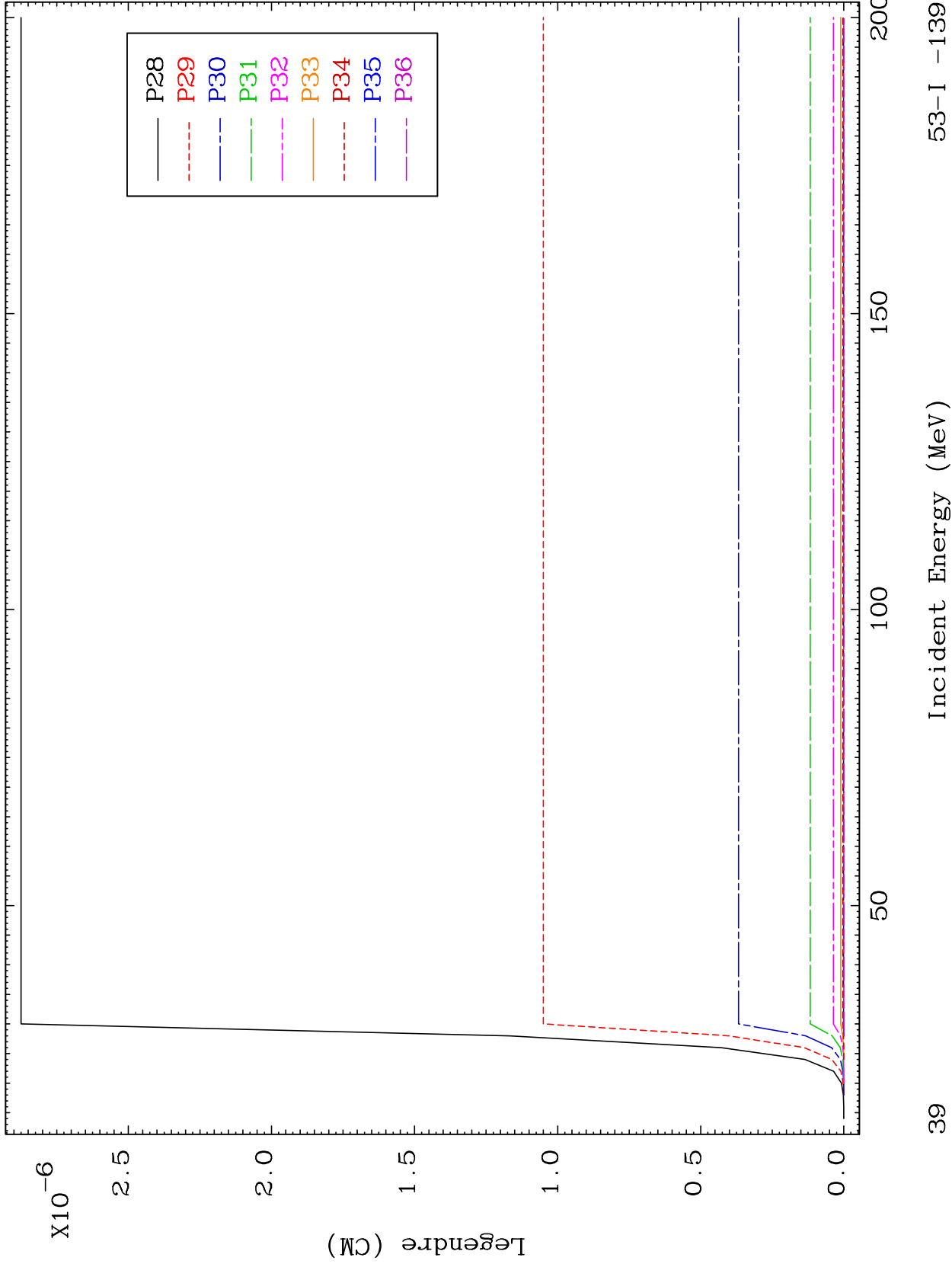


37

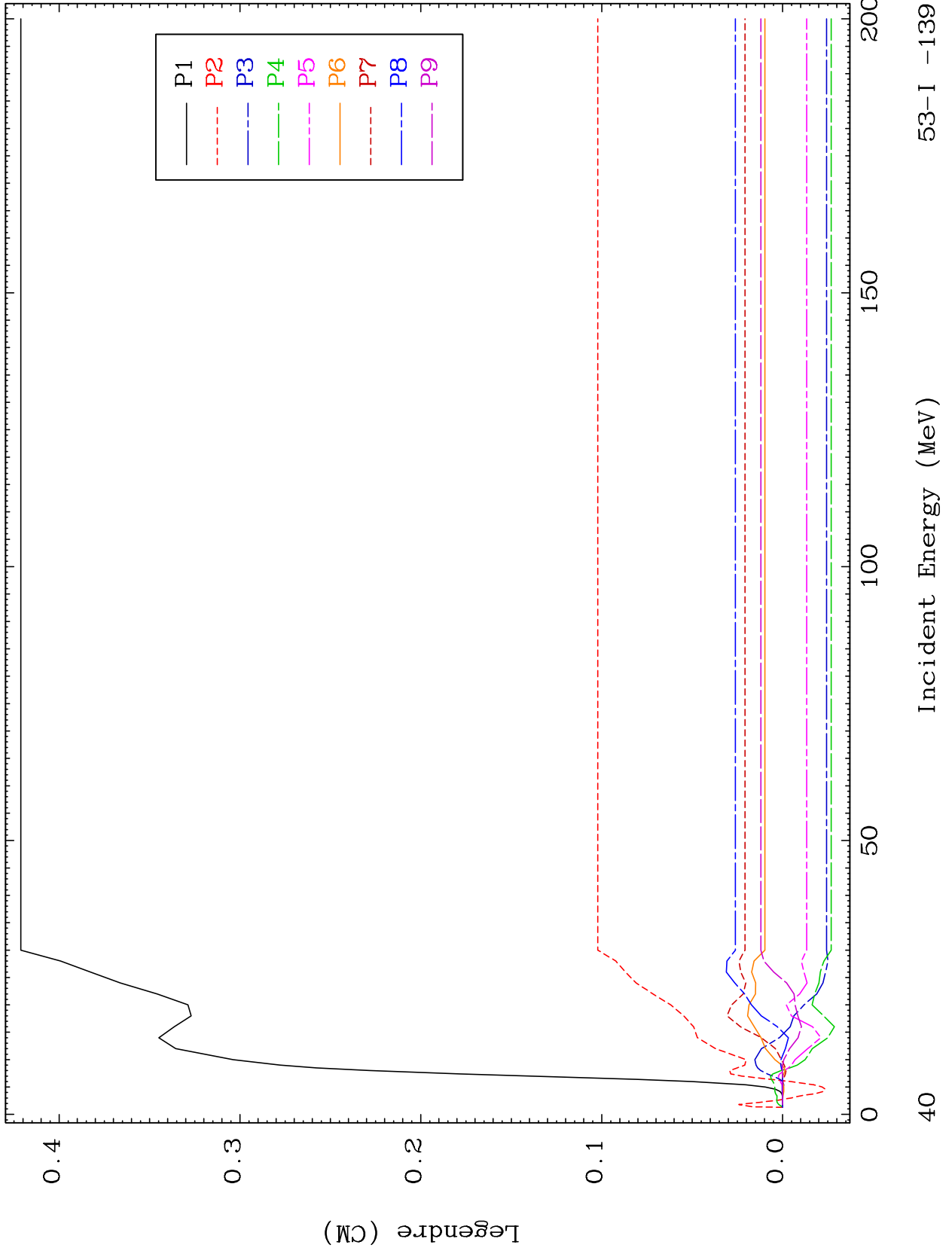
Incident Energy (MeV)

53-I -139





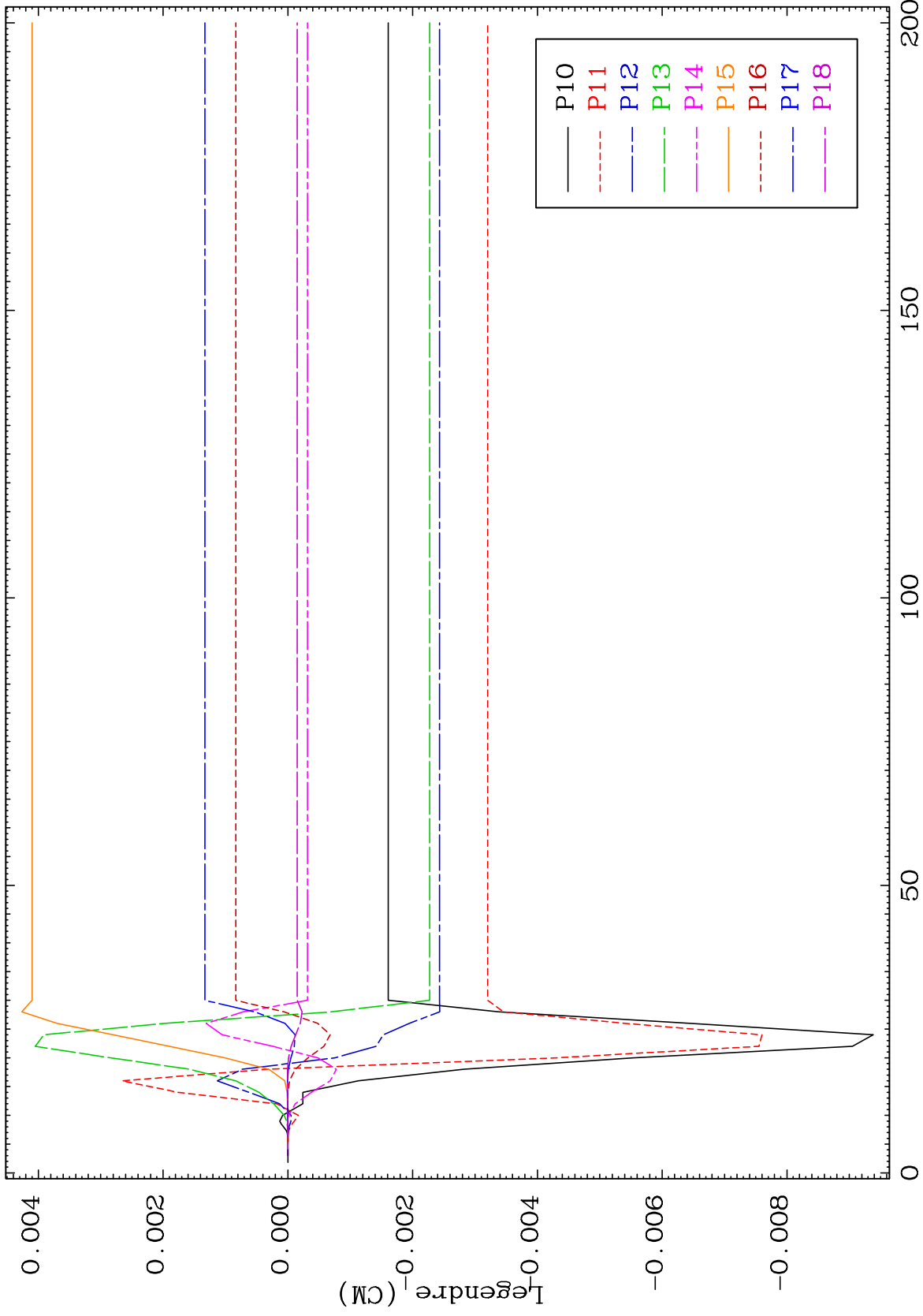




MAT 5361

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

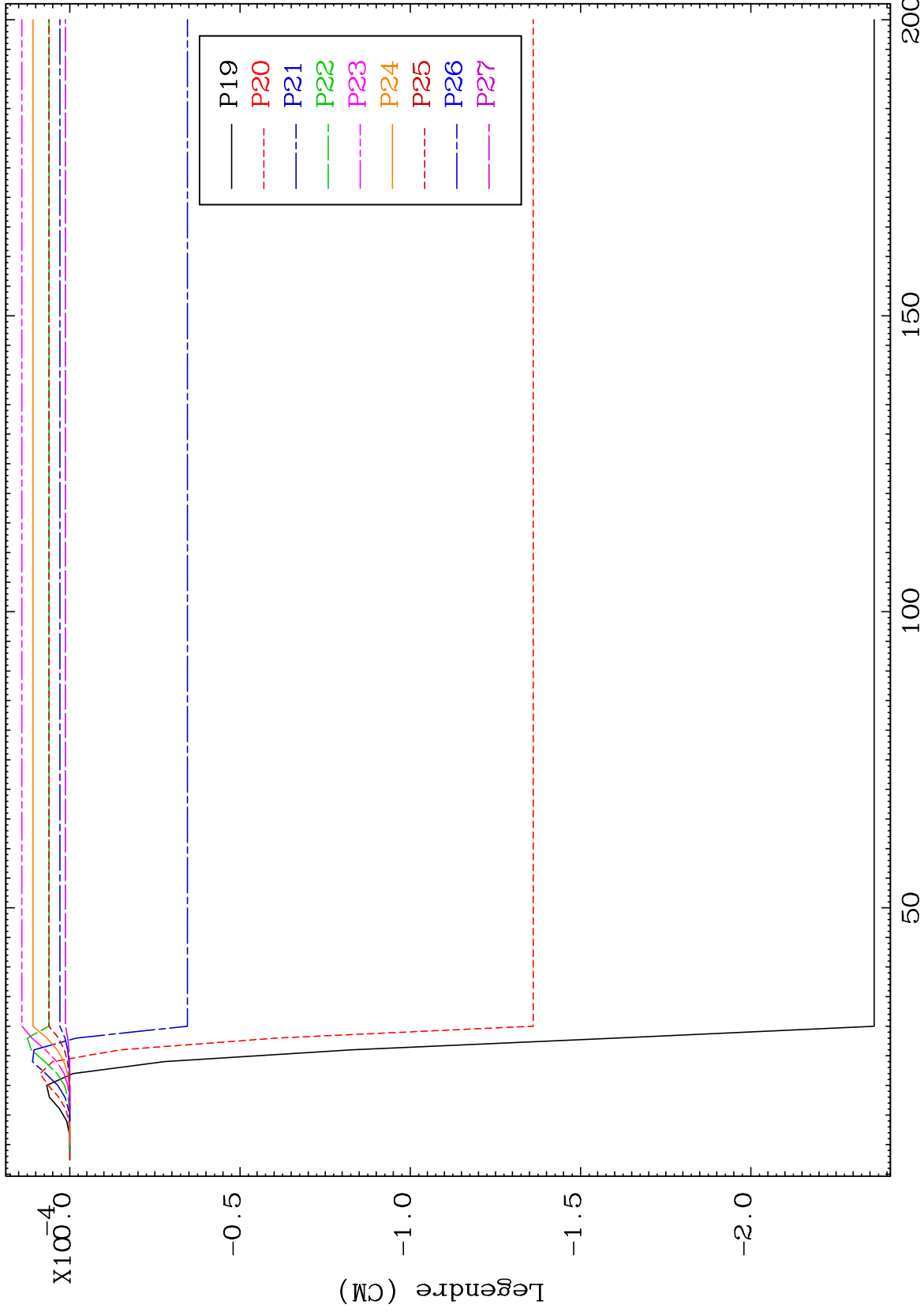
53-I -139

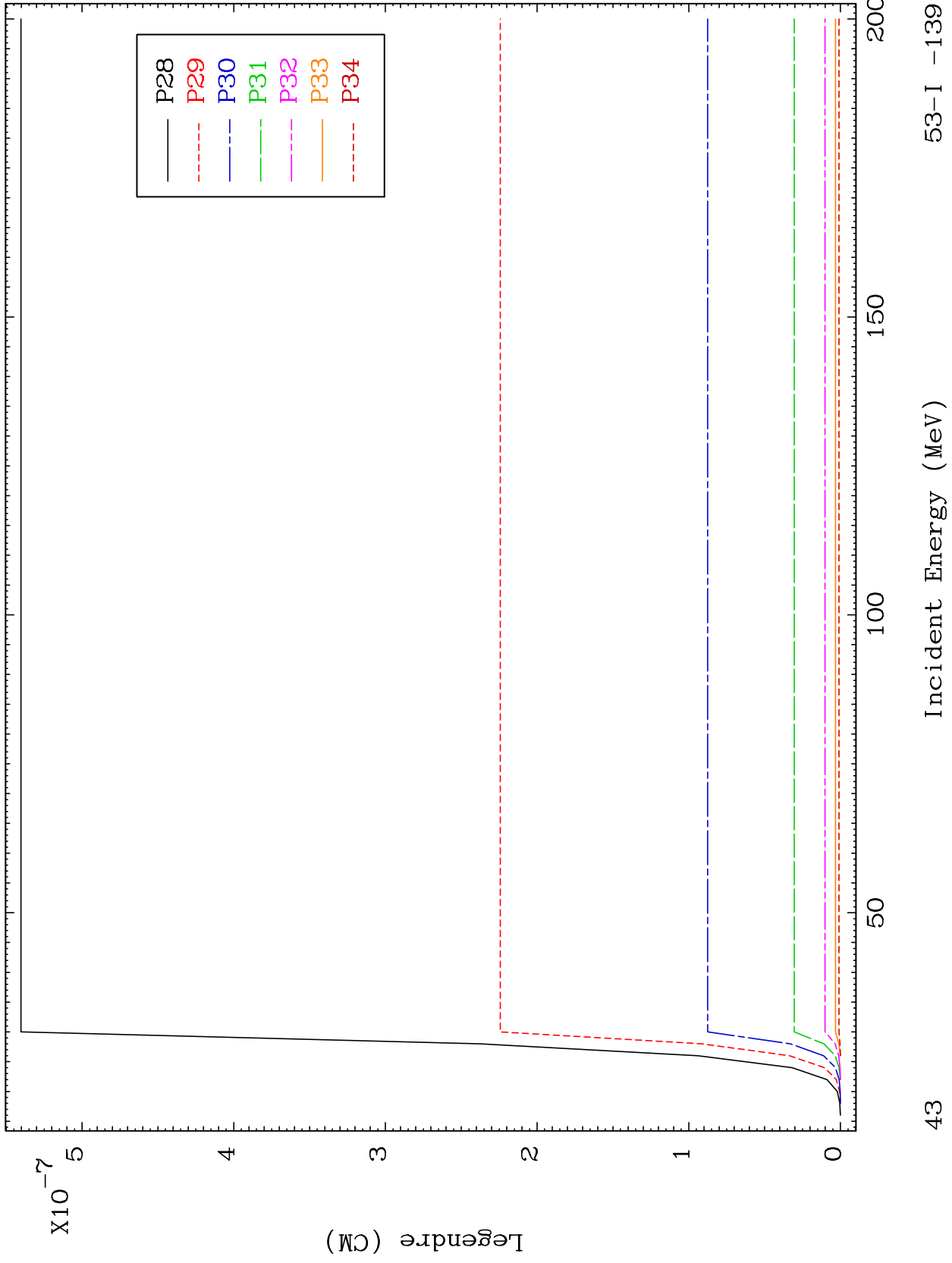


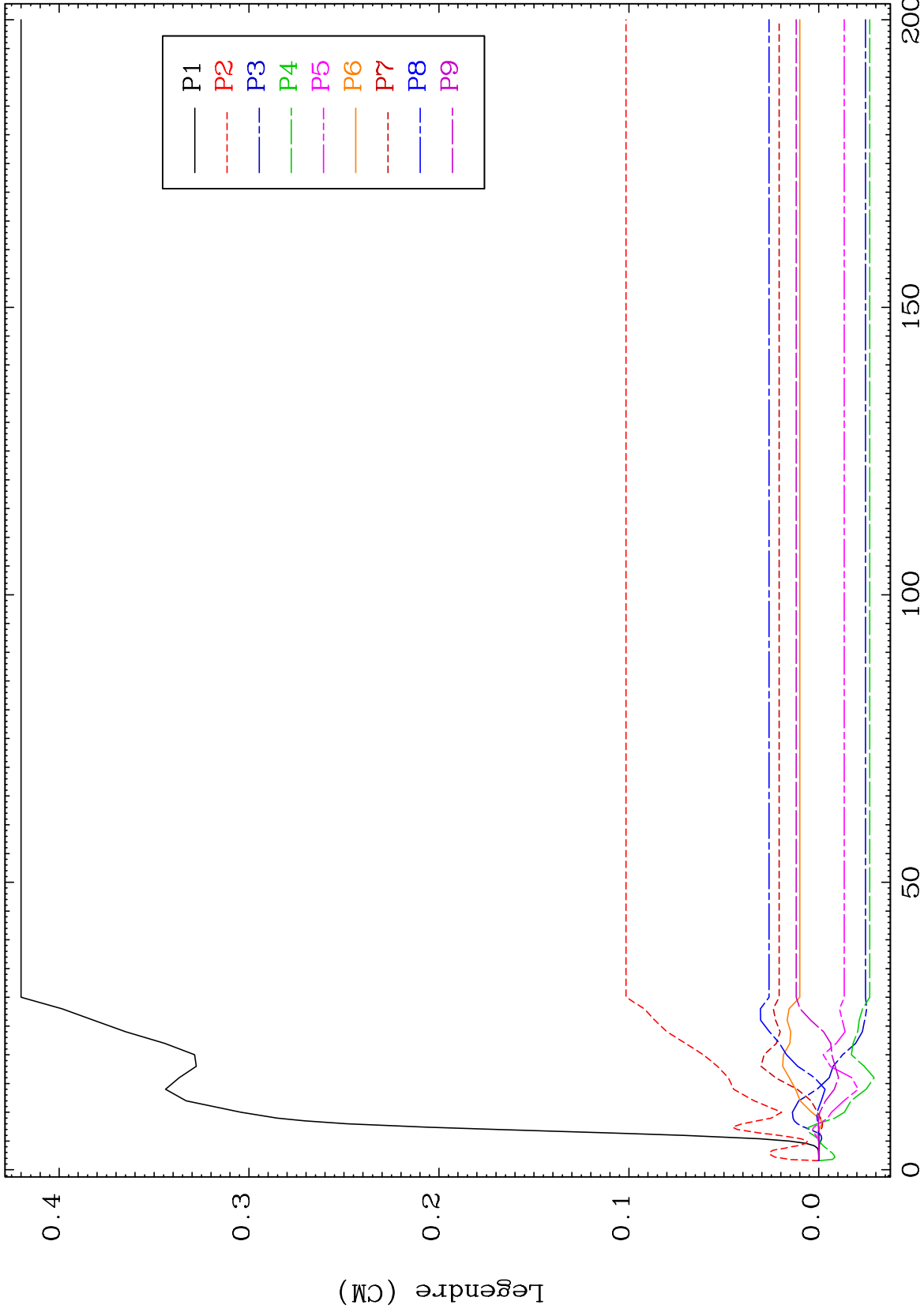
41

Incident Energy (MeV)

53-I -139



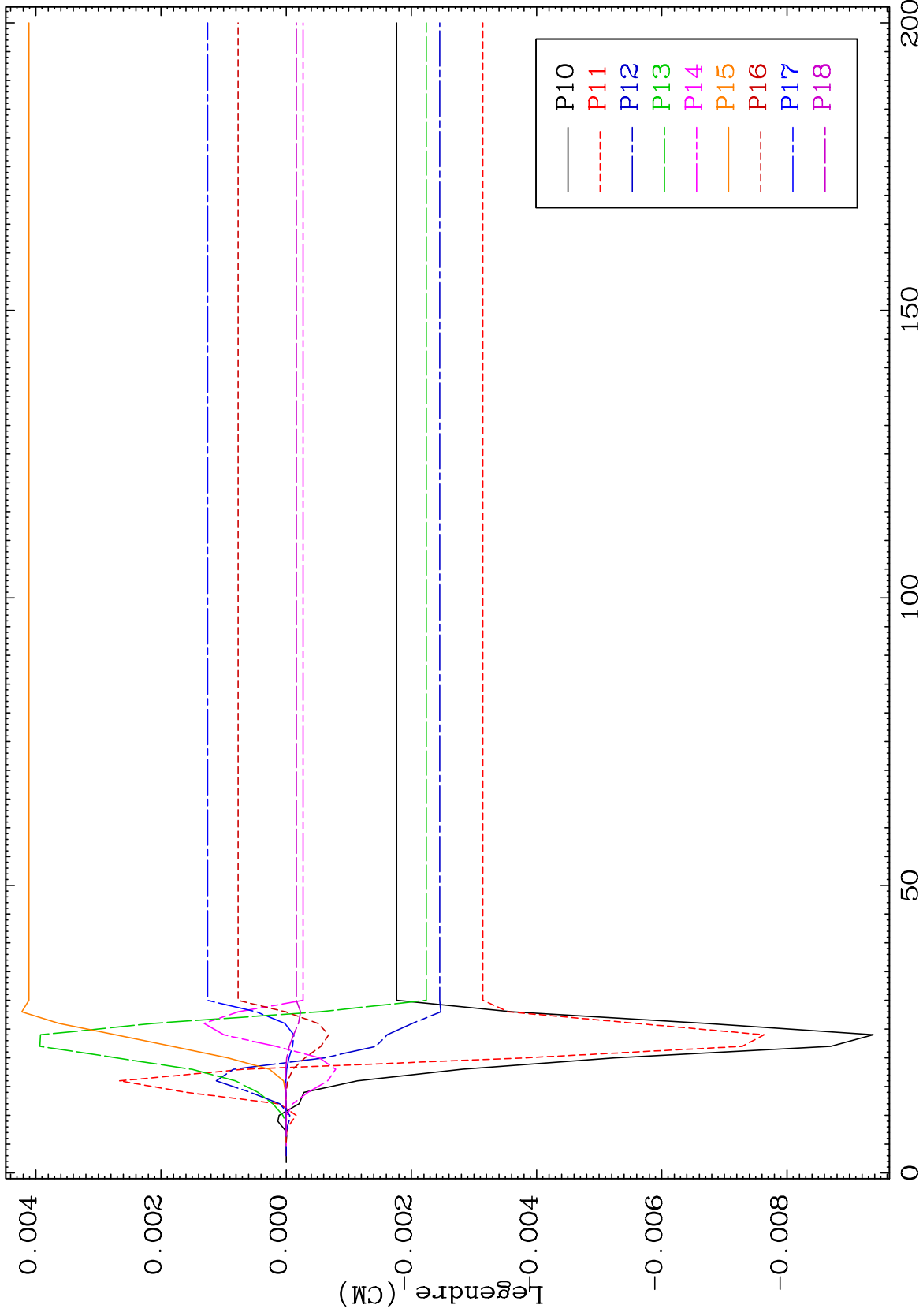




MAT 5361

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

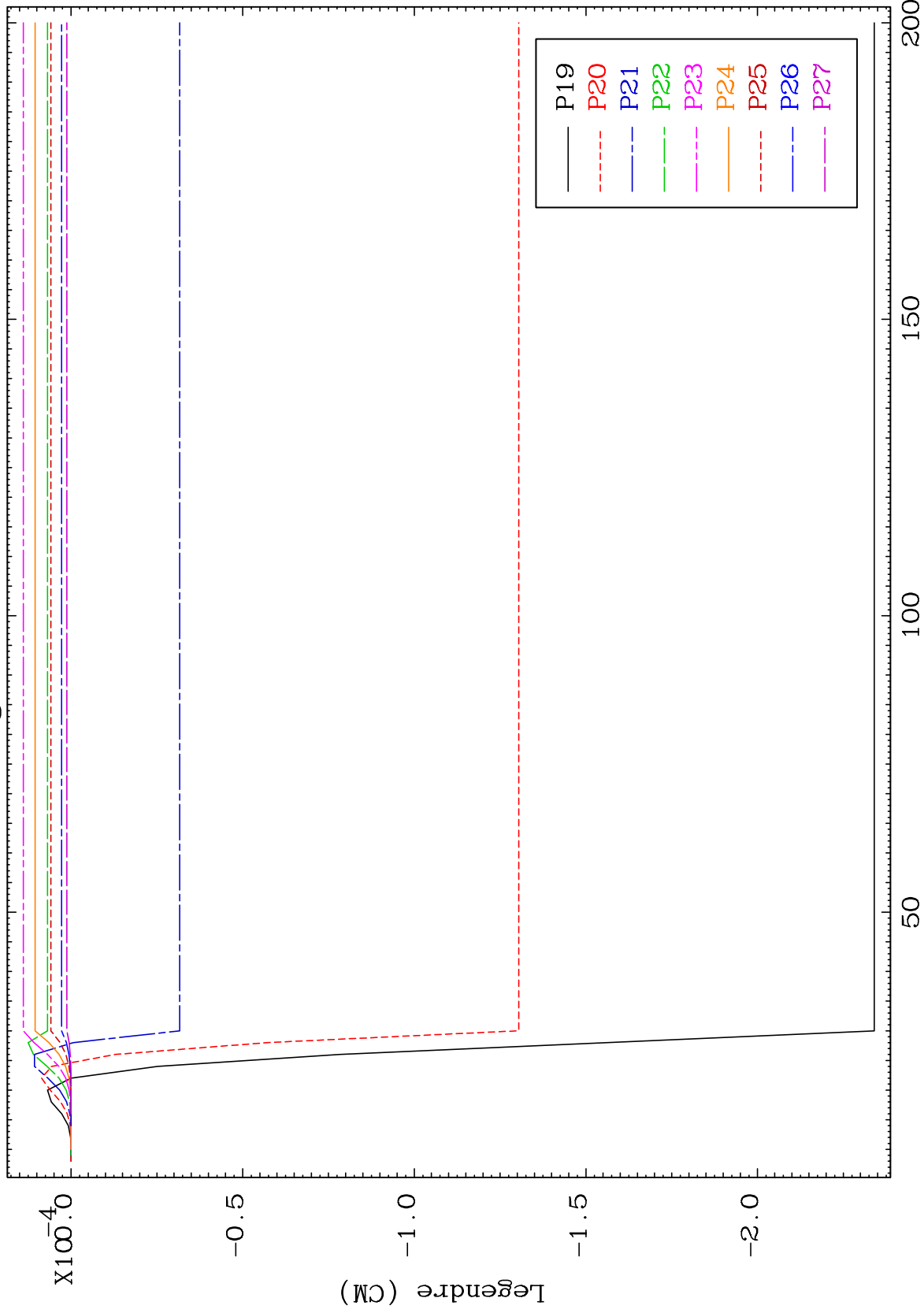
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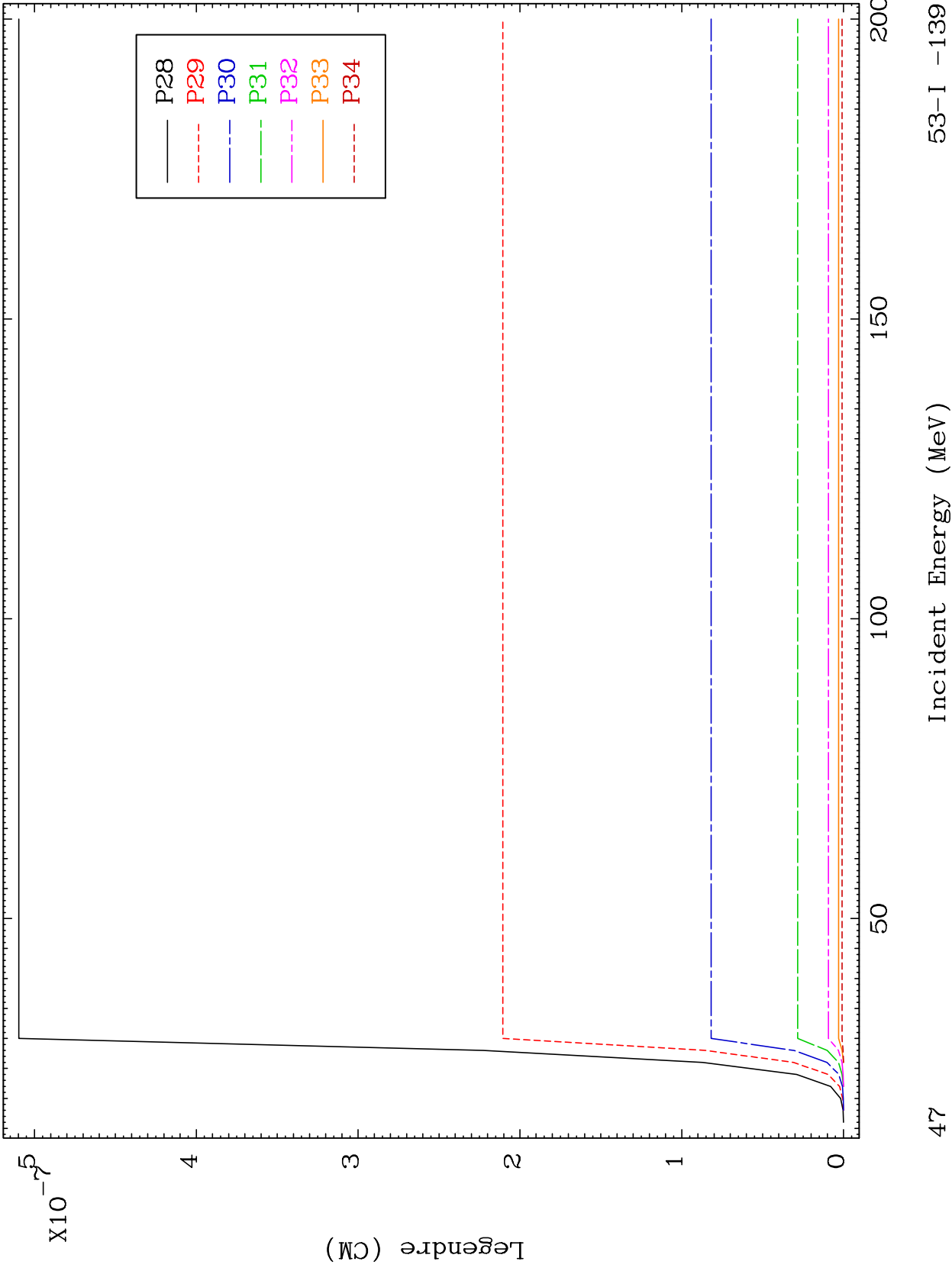


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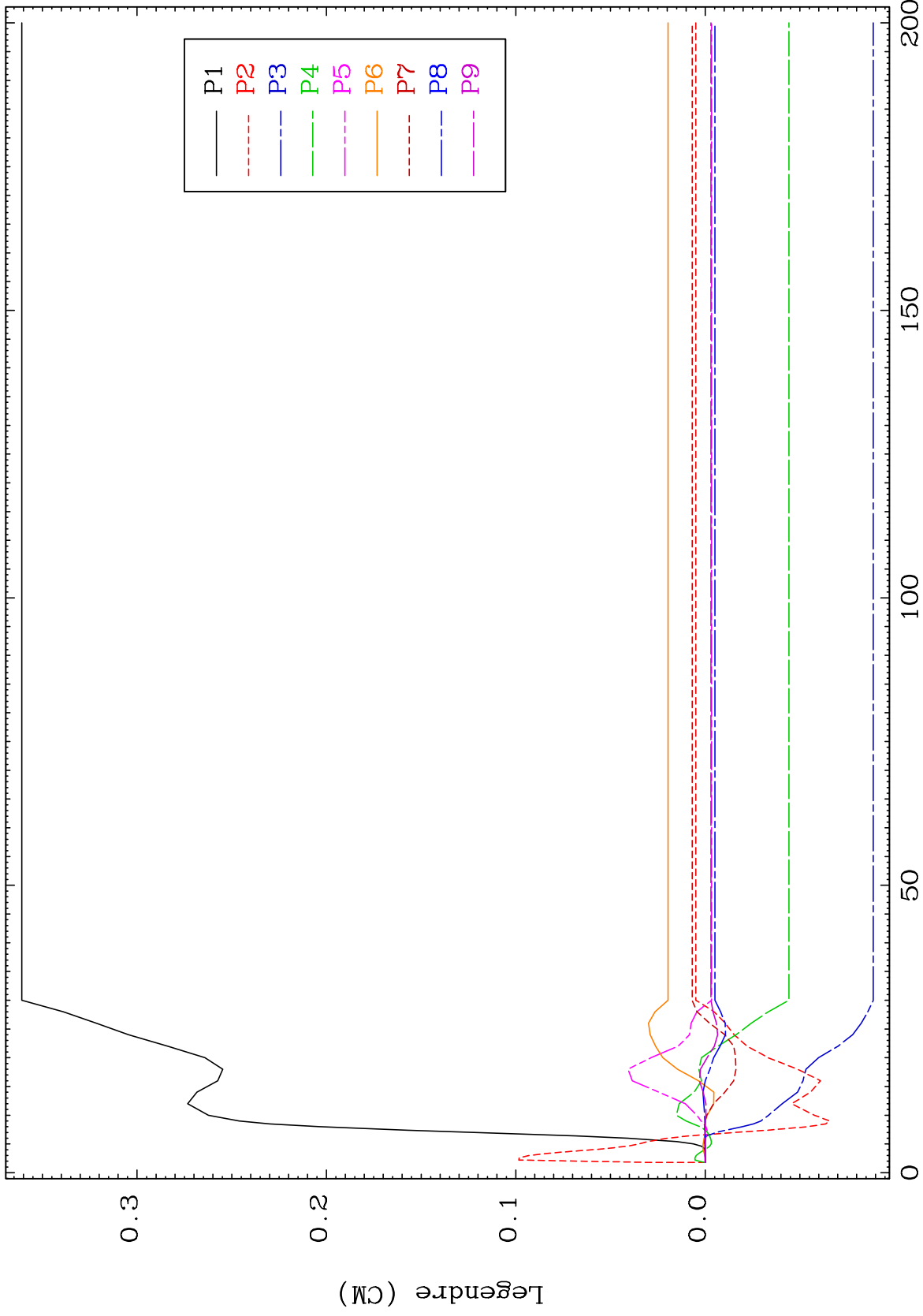
Incident Energy (MeV)

53-I -139





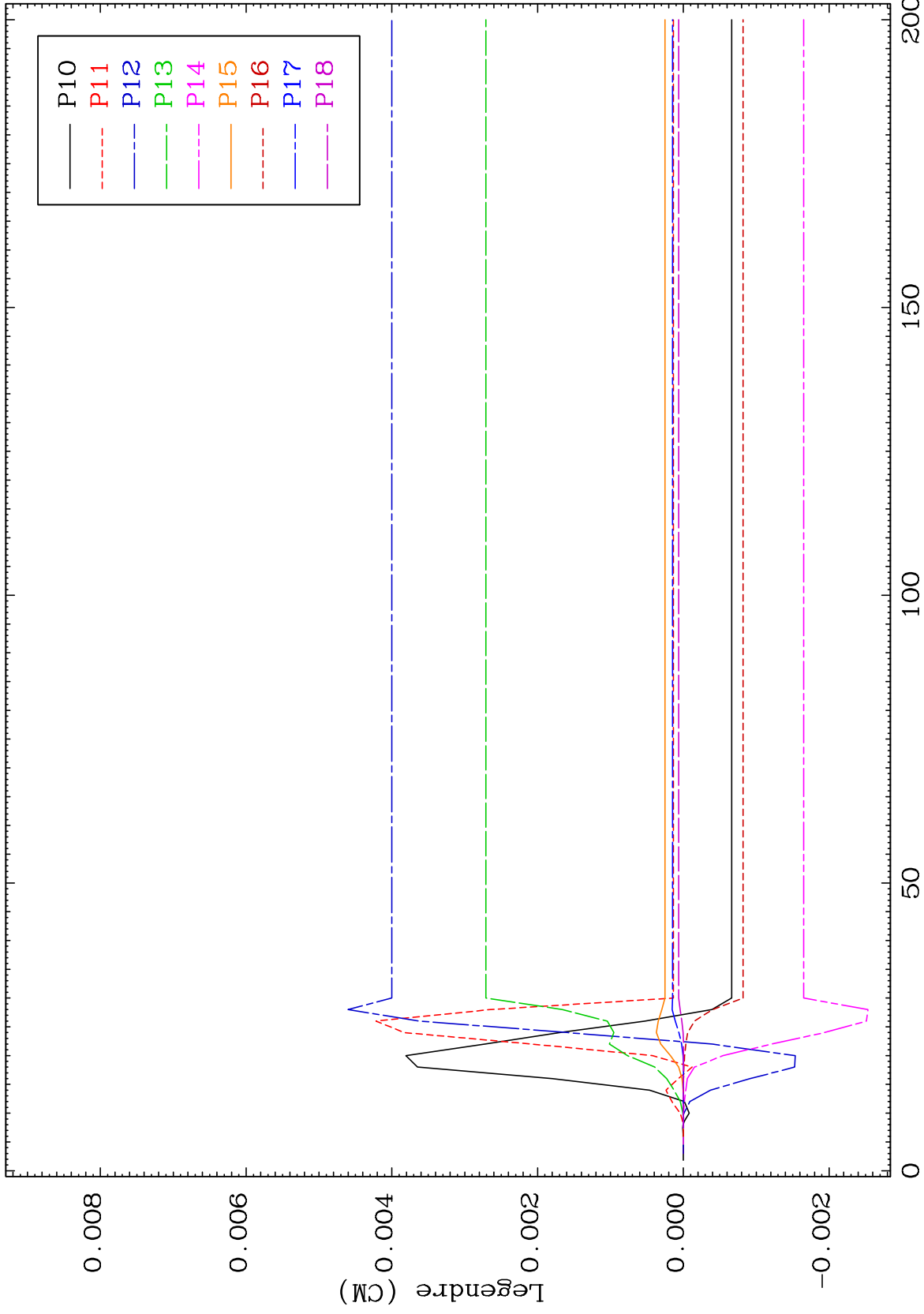




MAT 5361

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

53-I -139



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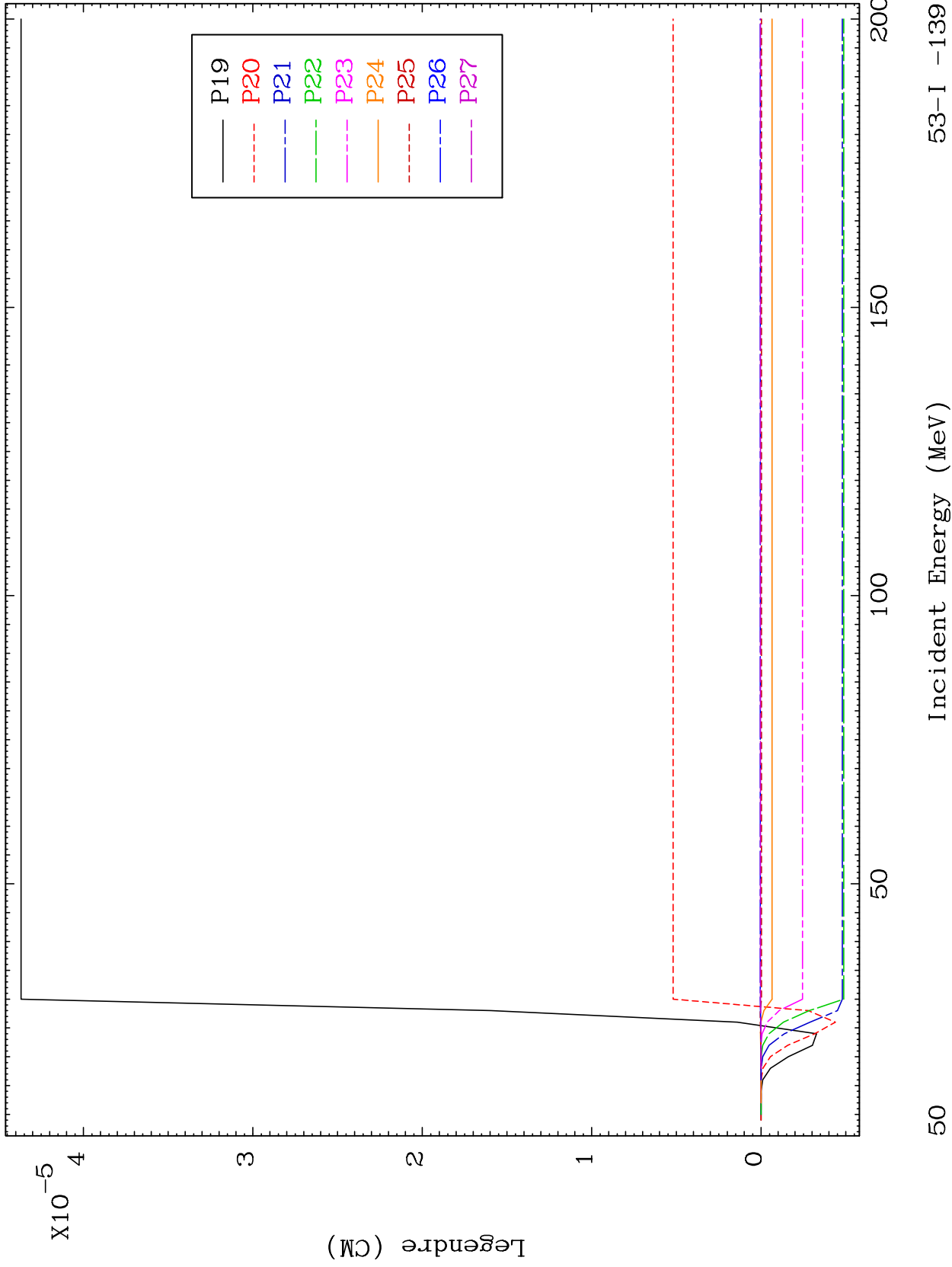
Incident Energy (MeV)

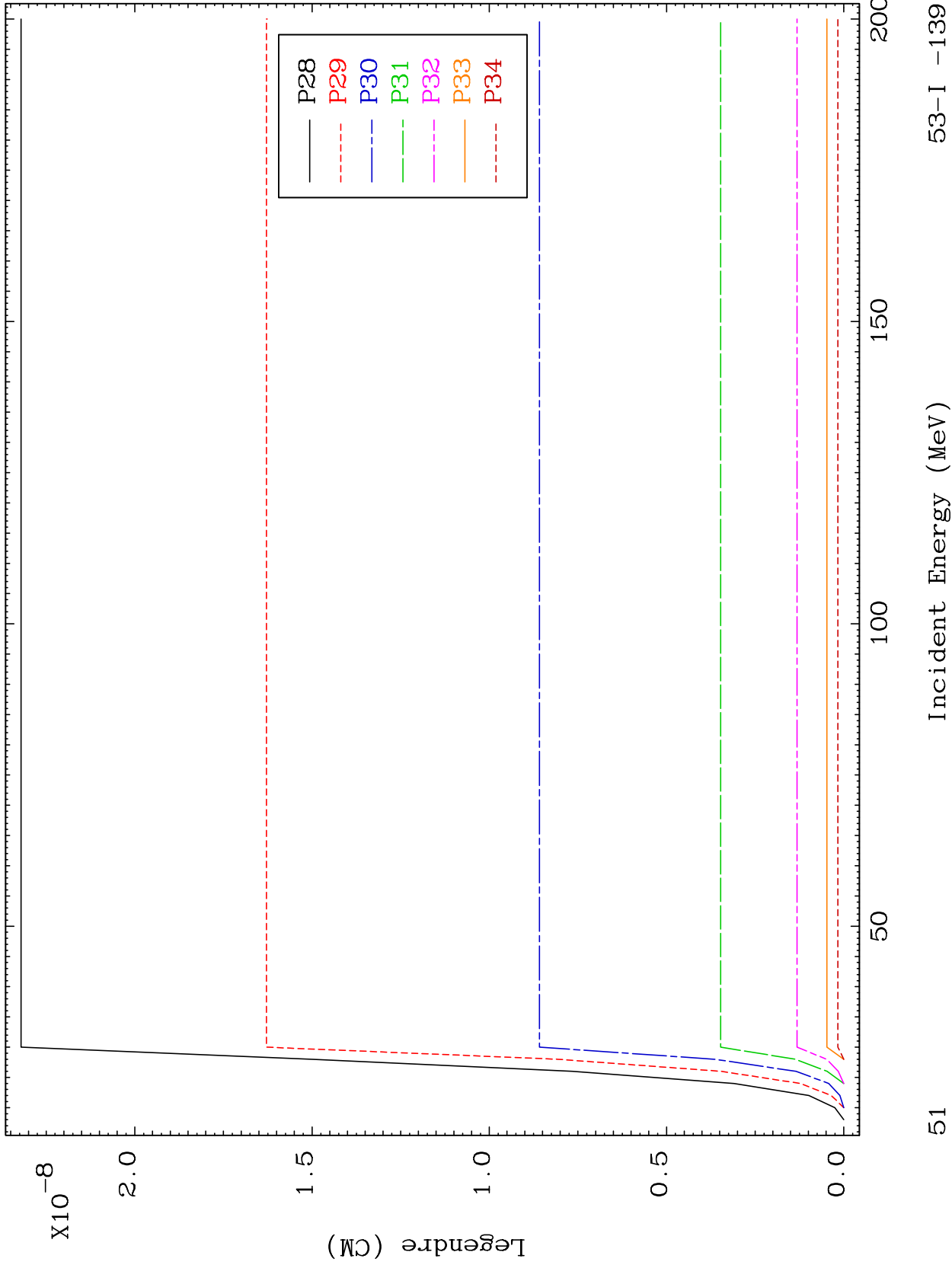
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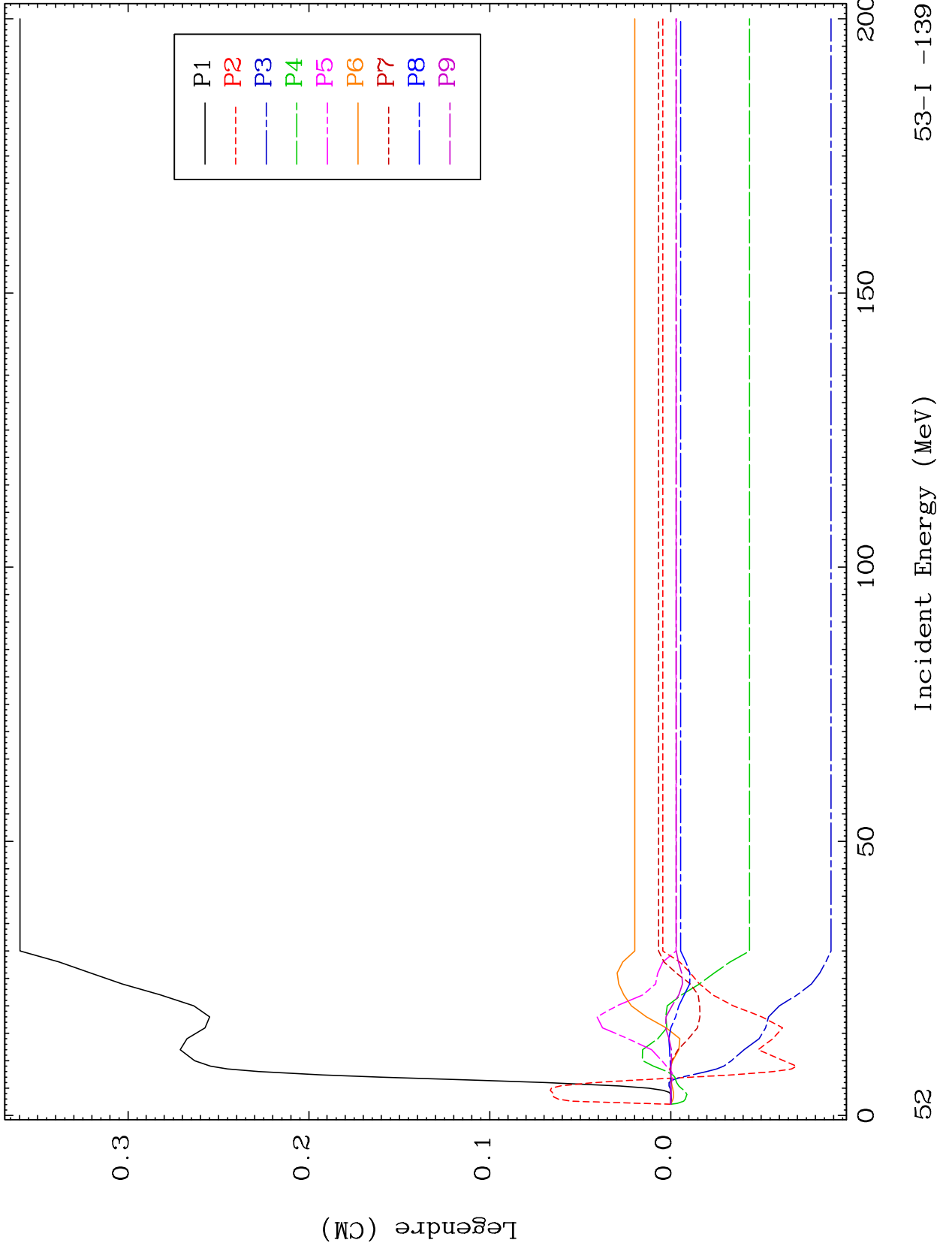
MAT 5361

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

53-I -139



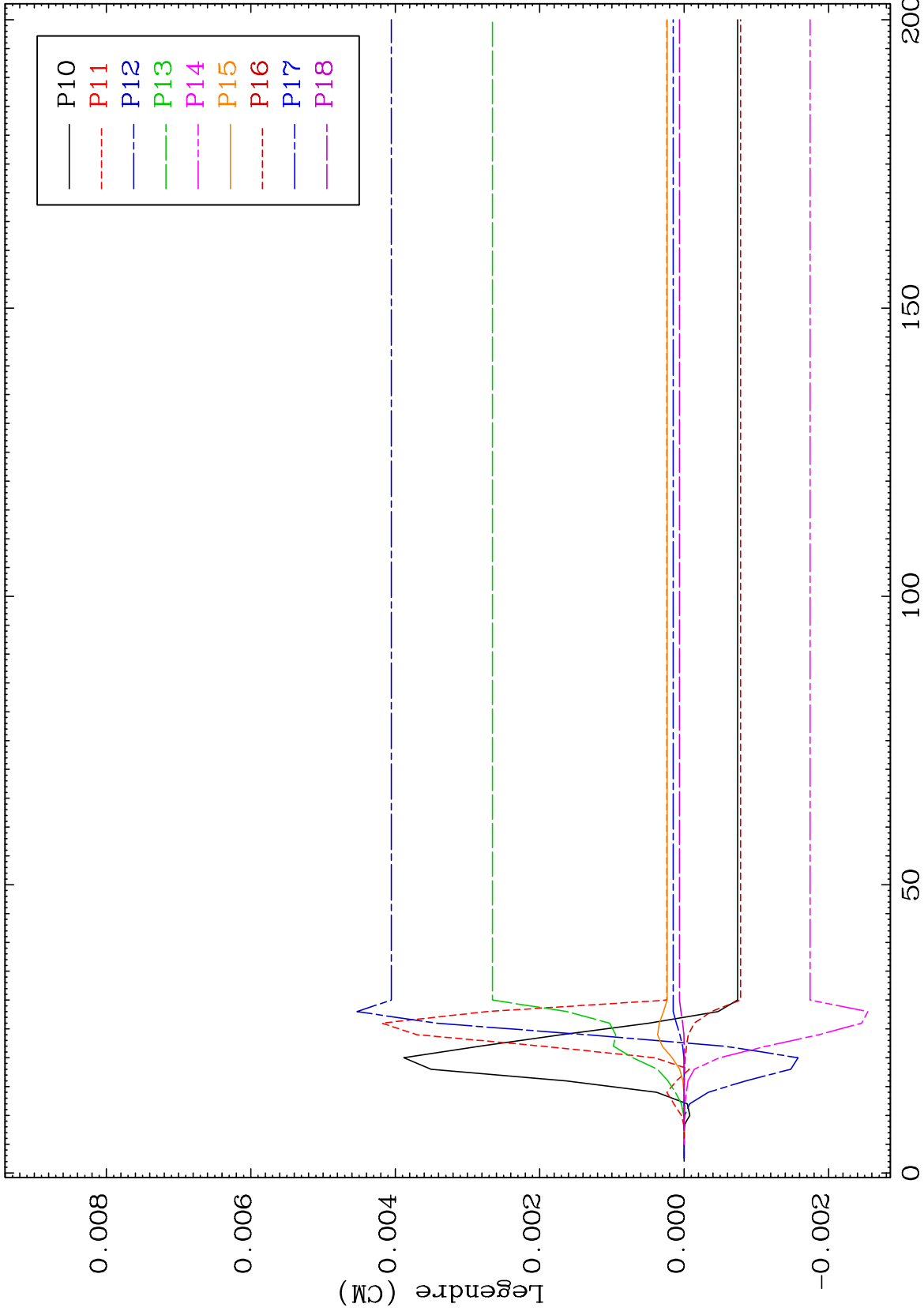




MAT 5361

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

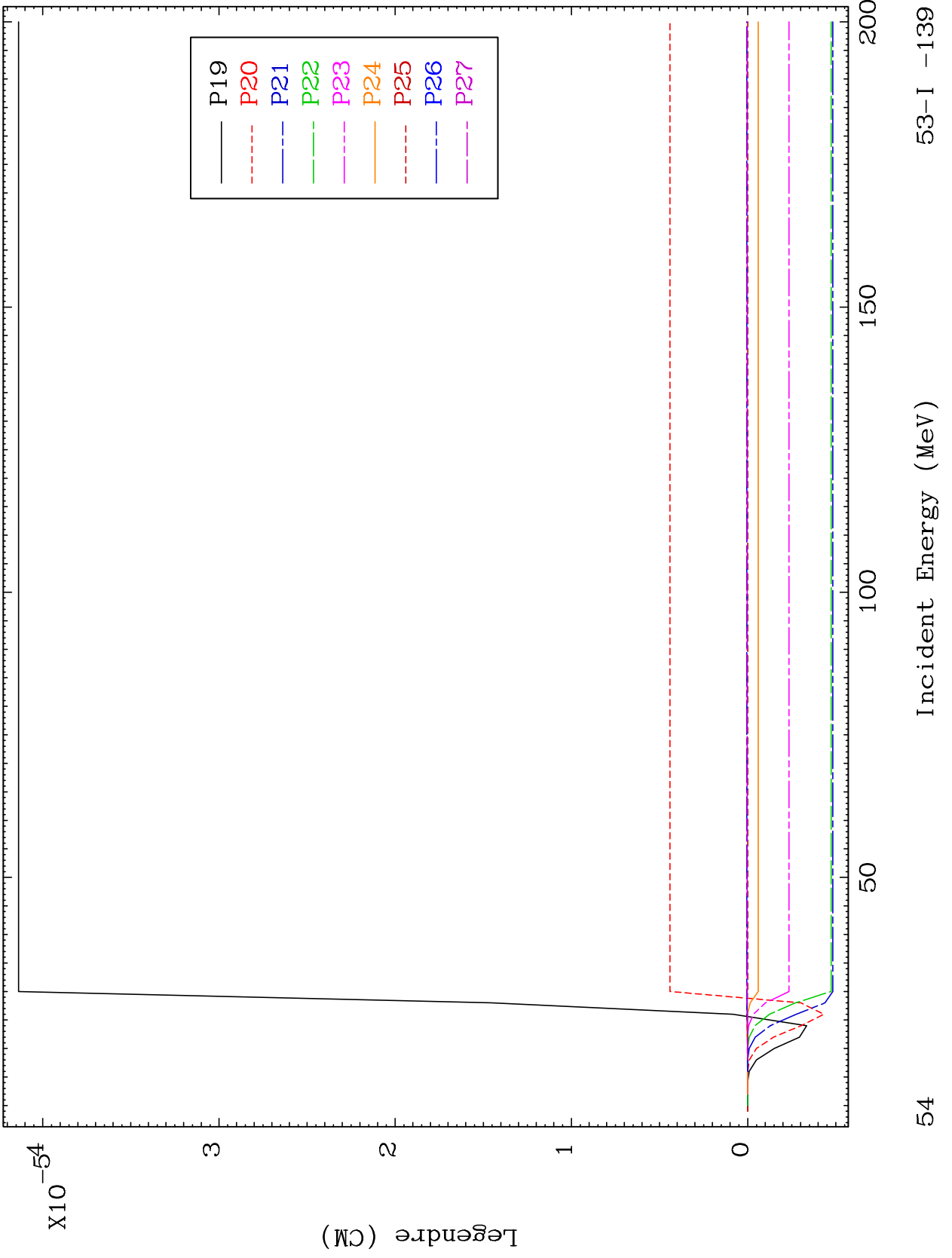
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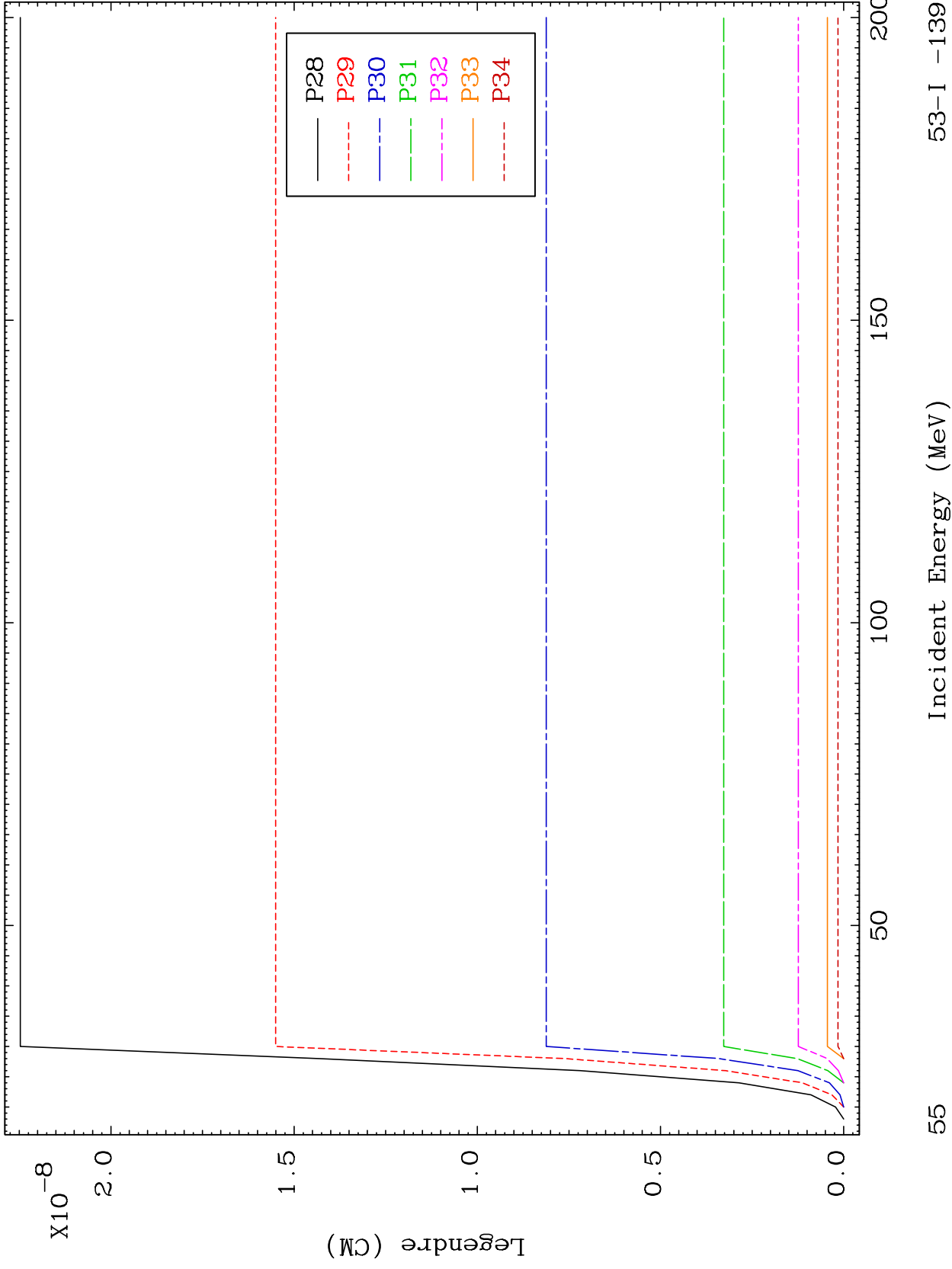


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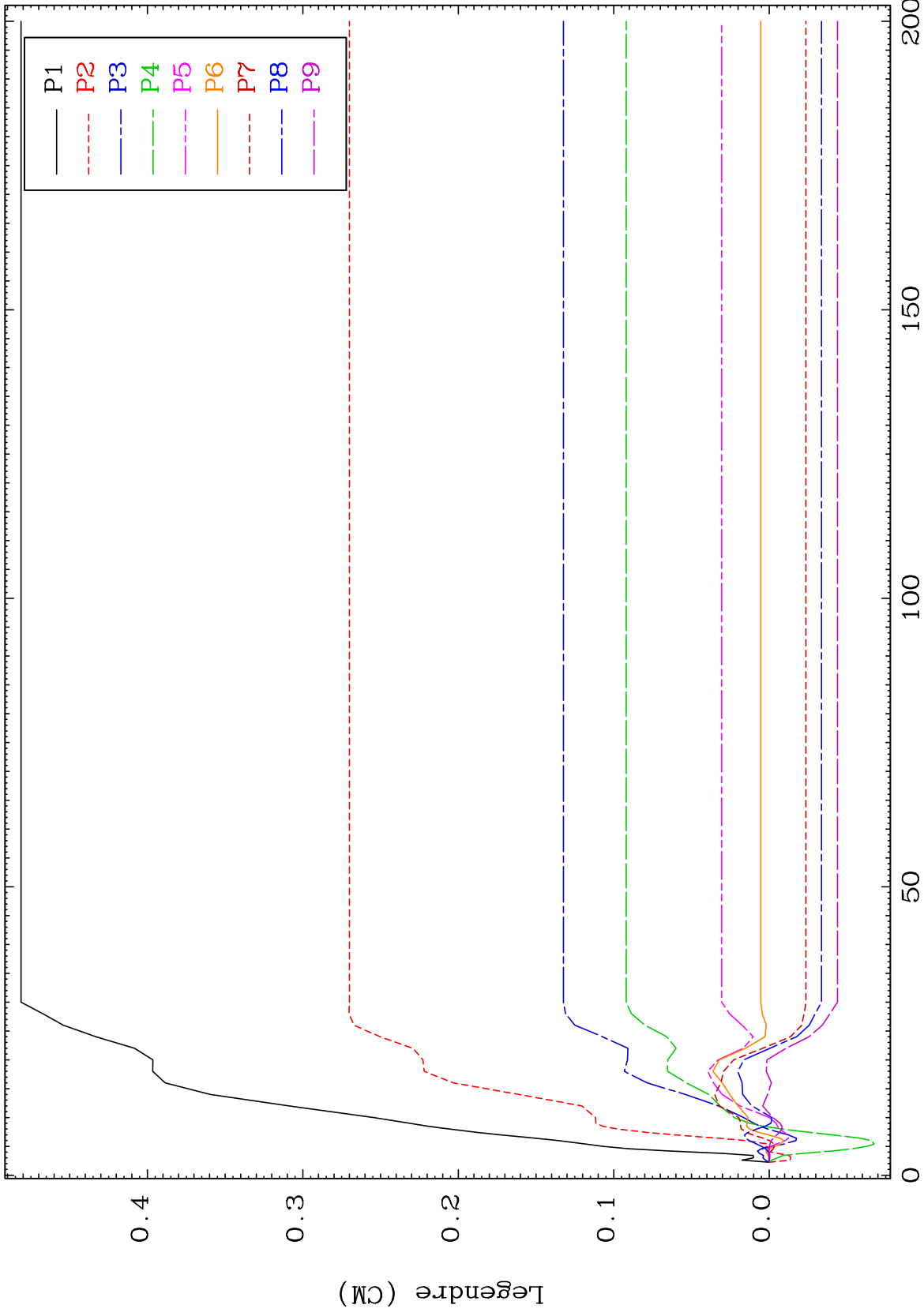
Incident Energy (MeV)

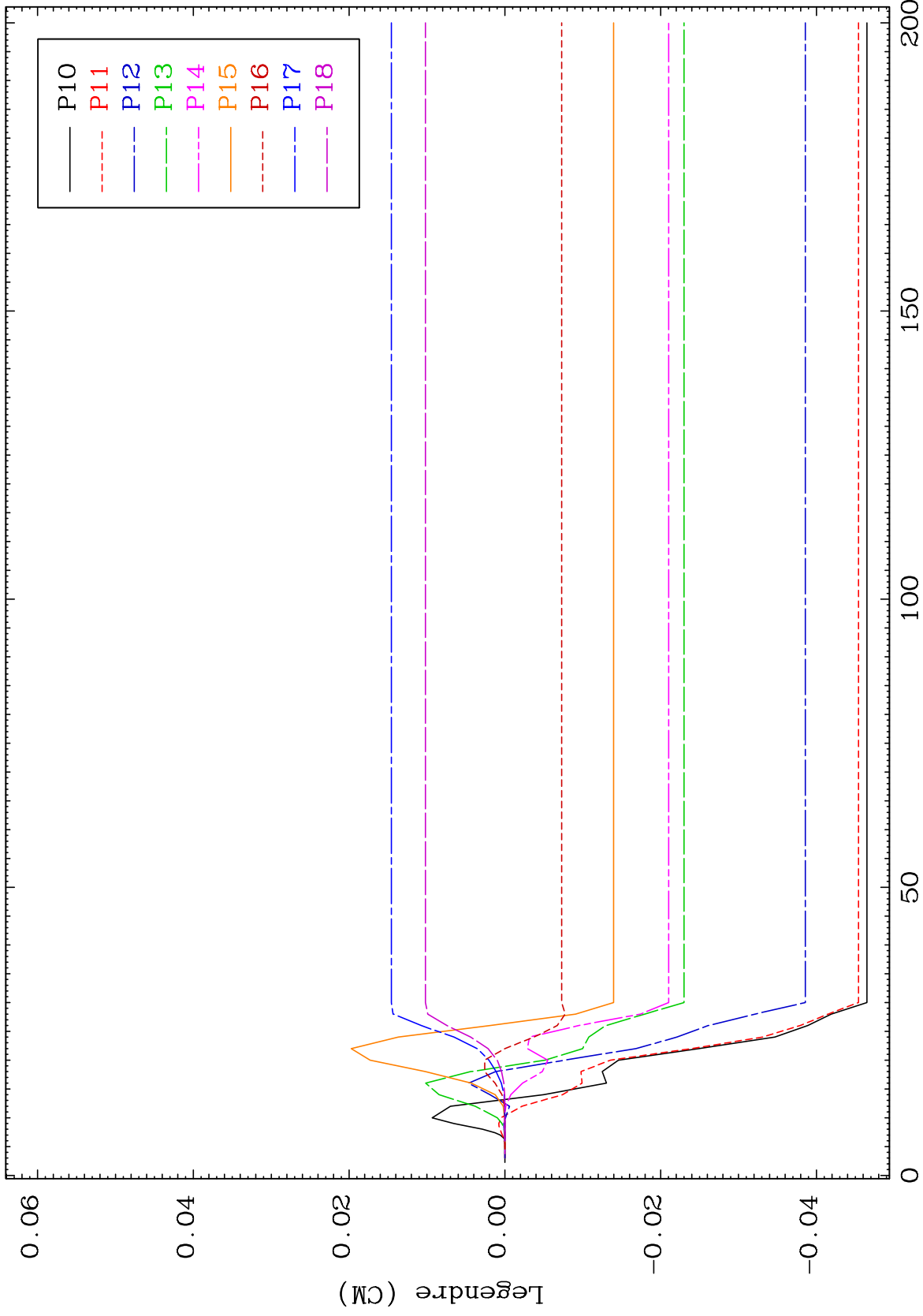
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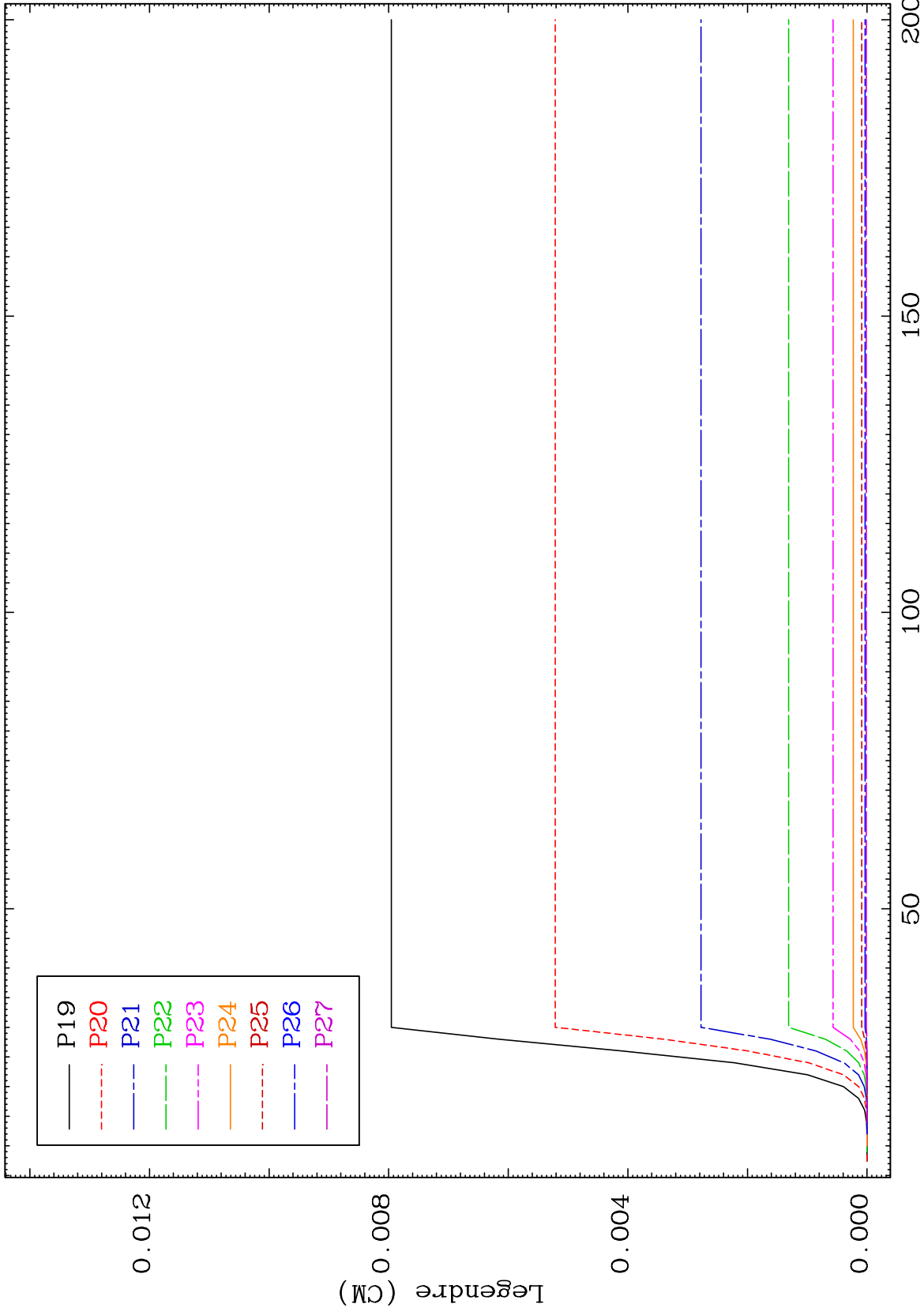








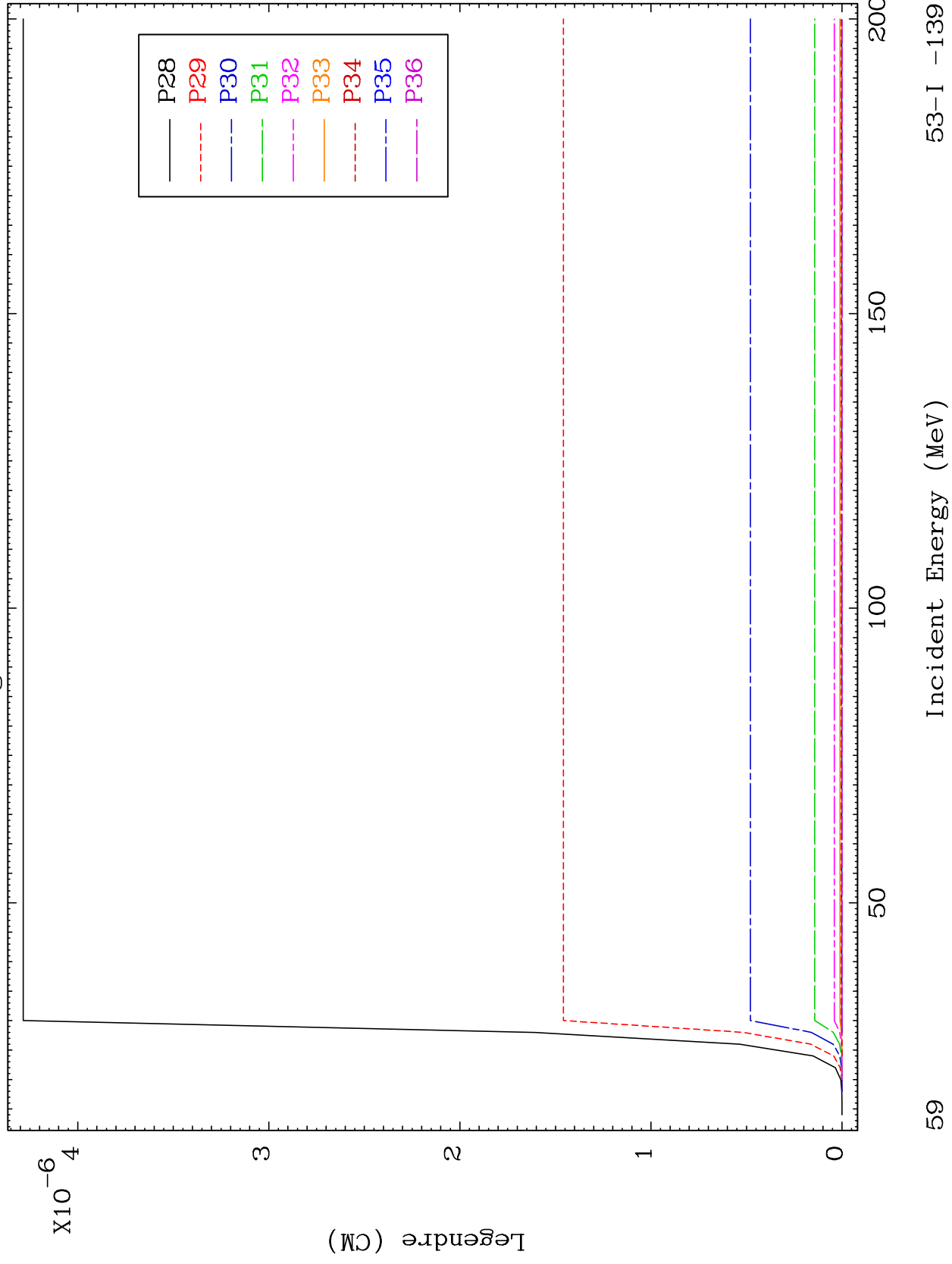




MAT 5361

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

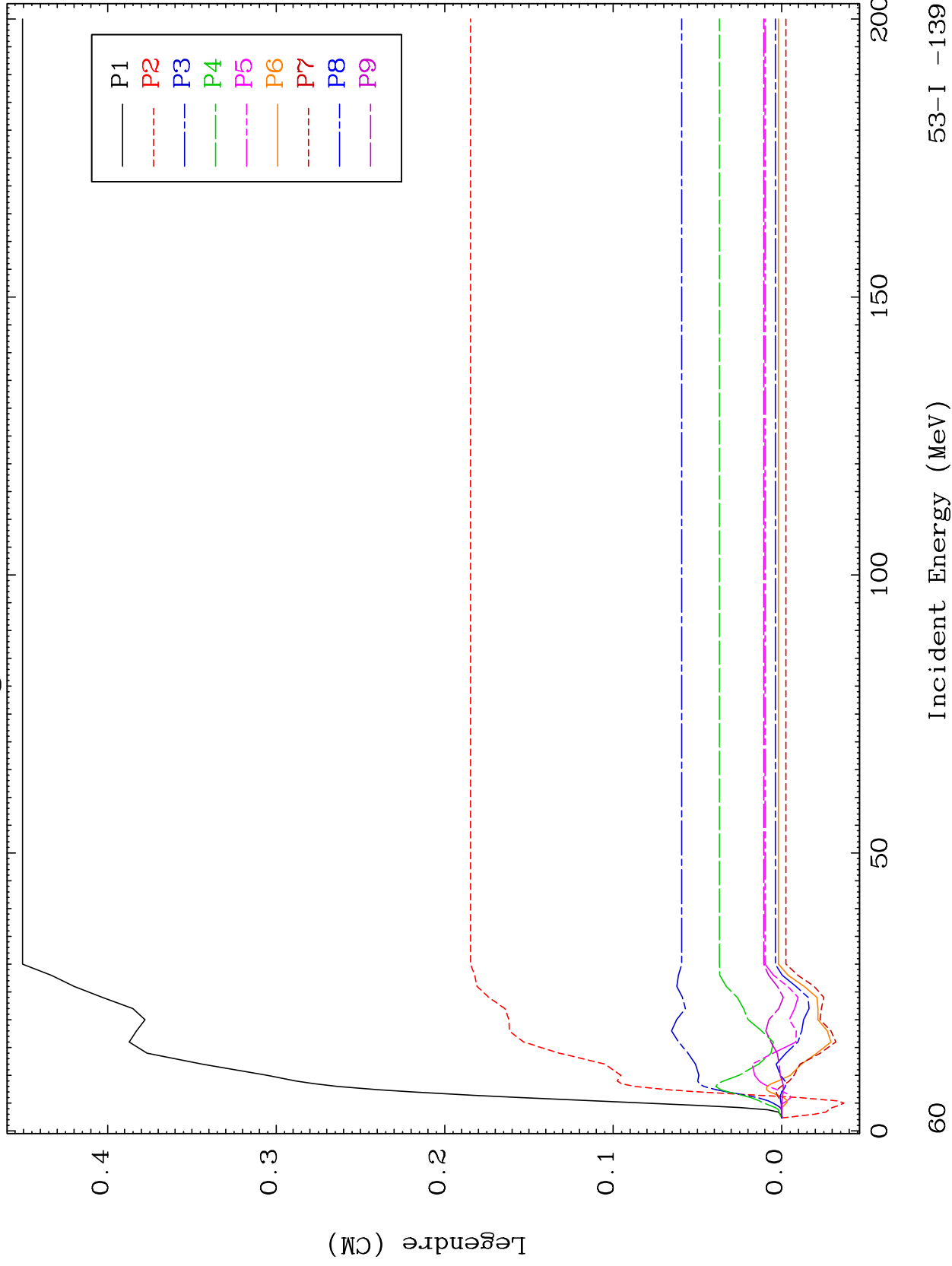
53-I -139



MAT 5361

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

53-I -139



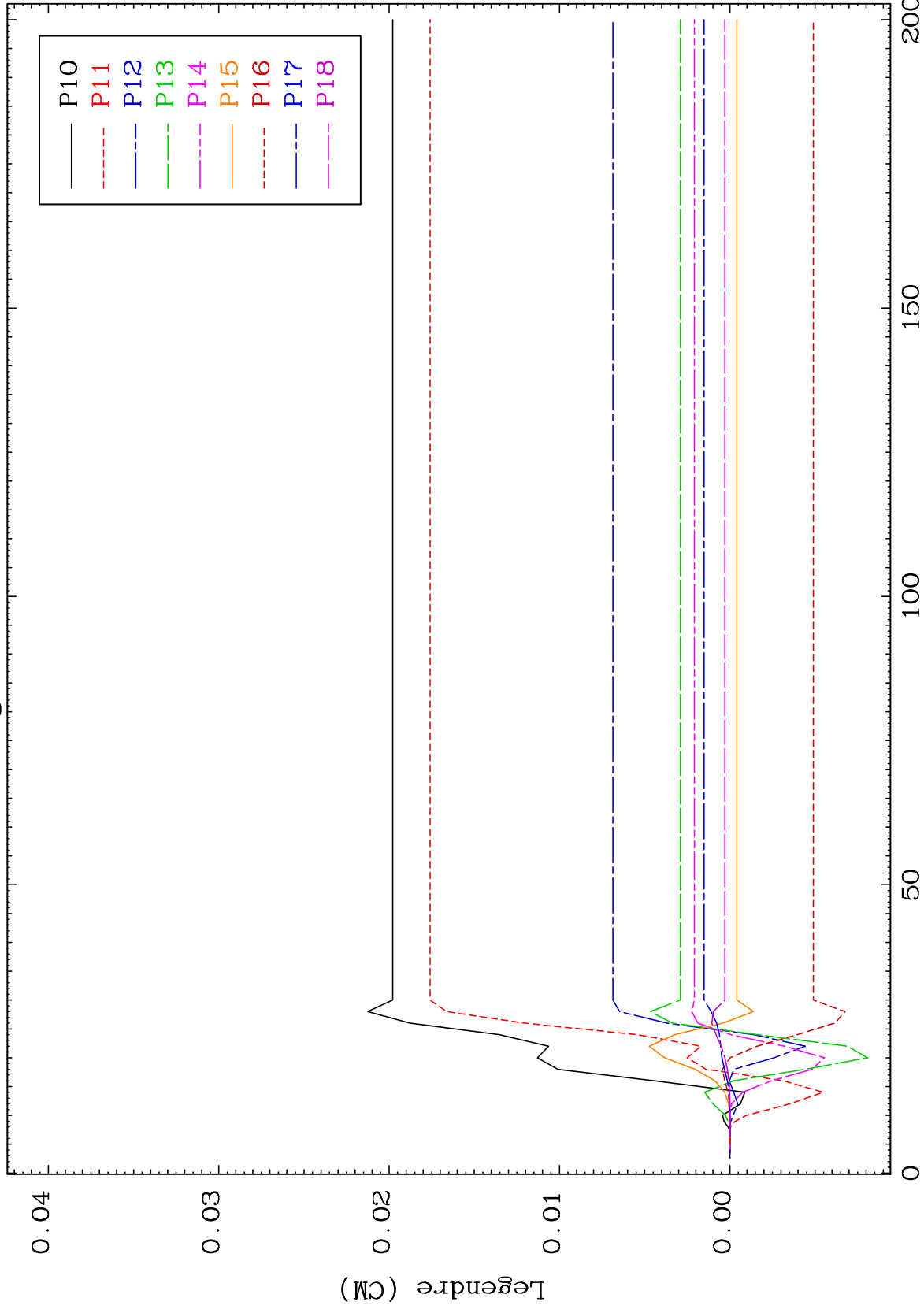
53-I -139

Incident Energy (MeV)

MAT 5361

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

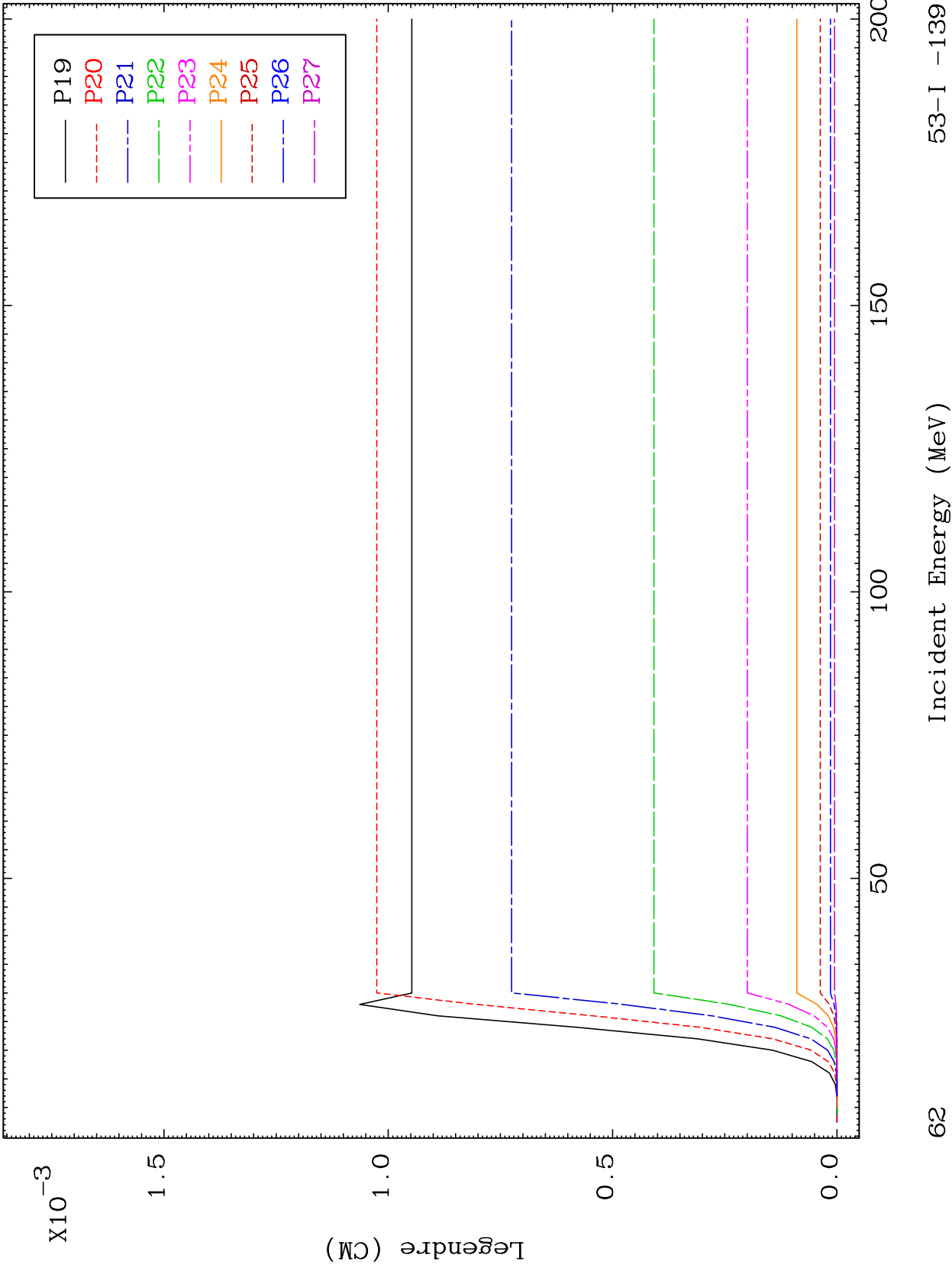
53-I -139

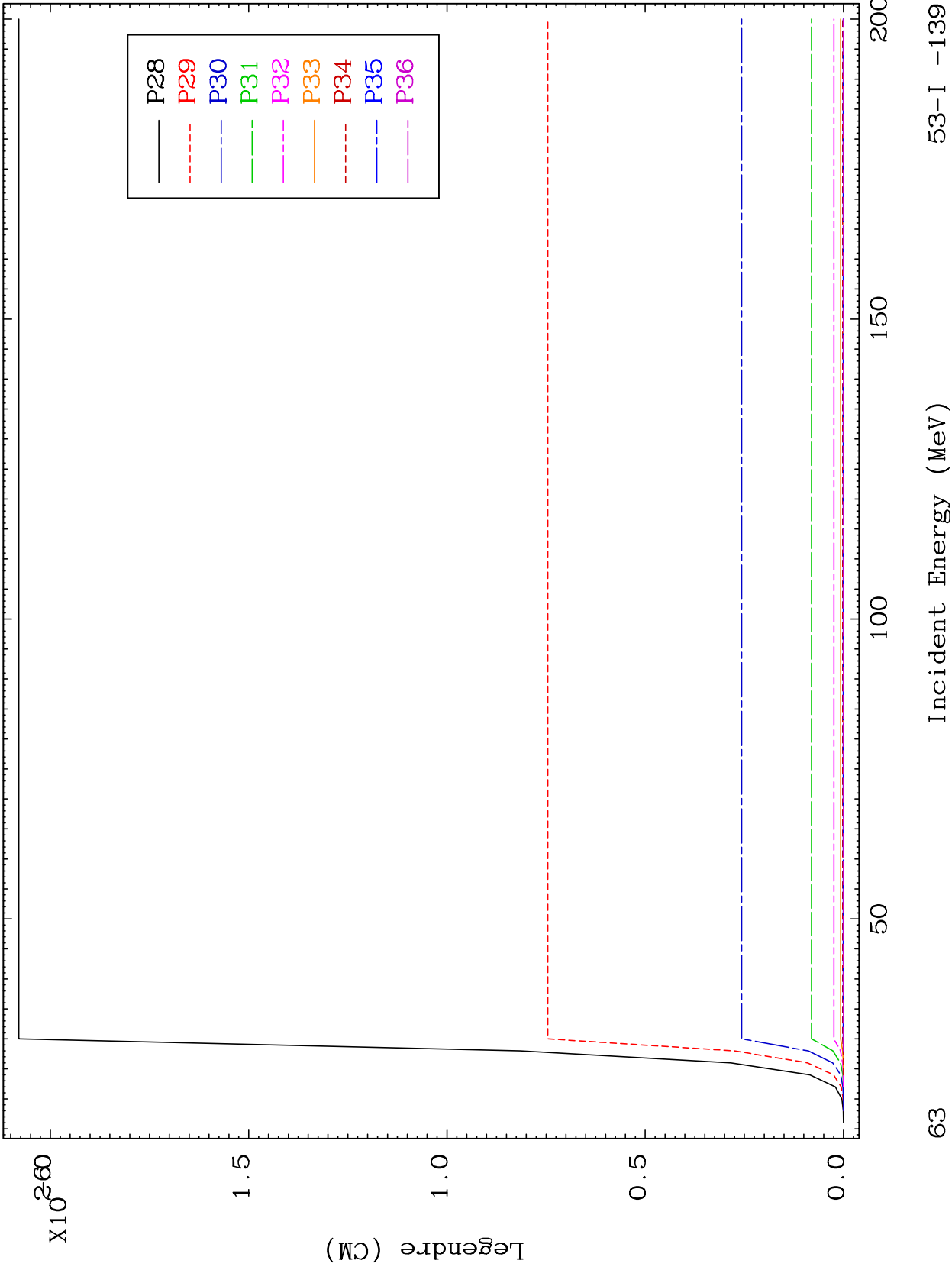


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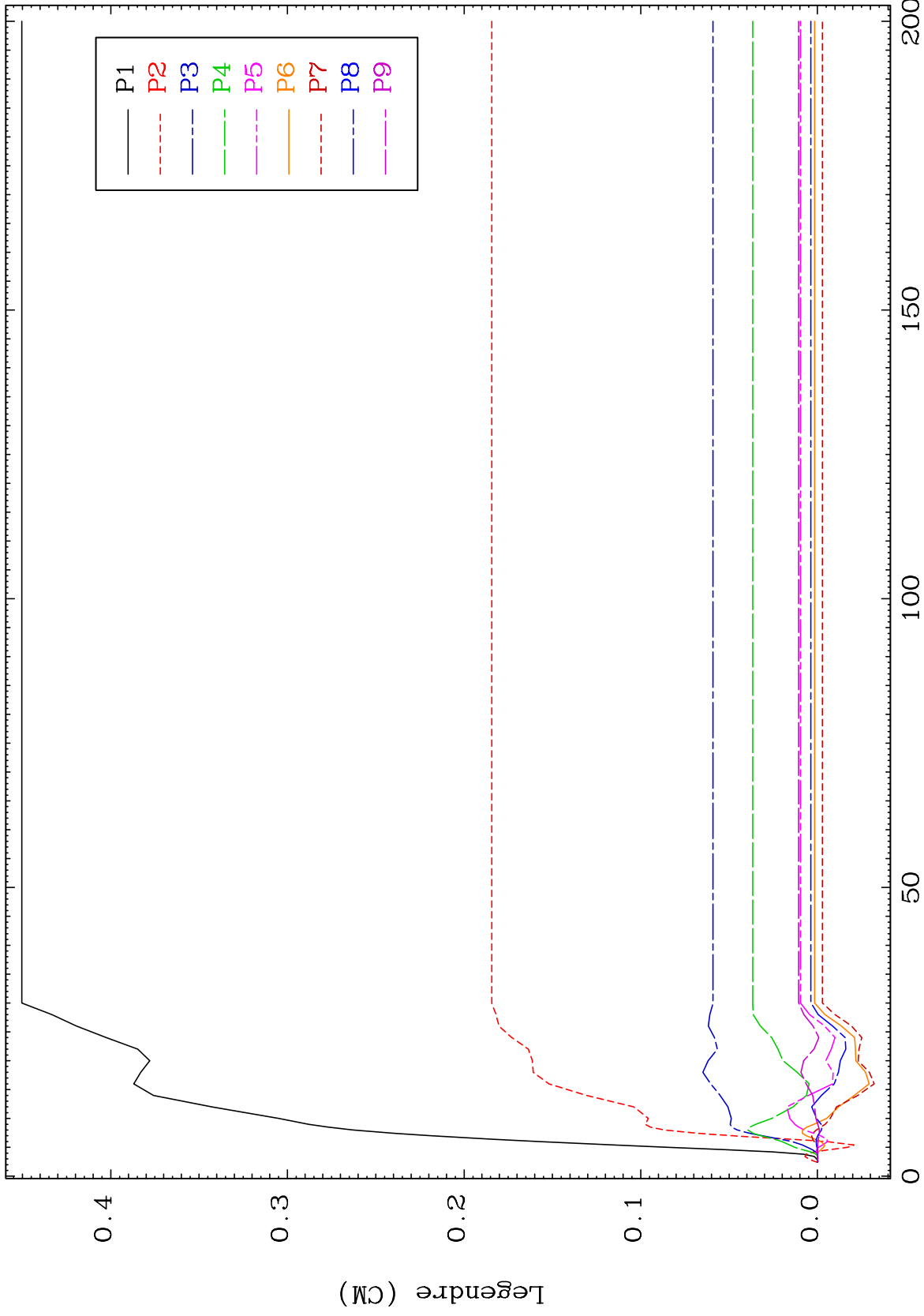
Incident Energy (MeV)

53-I -139





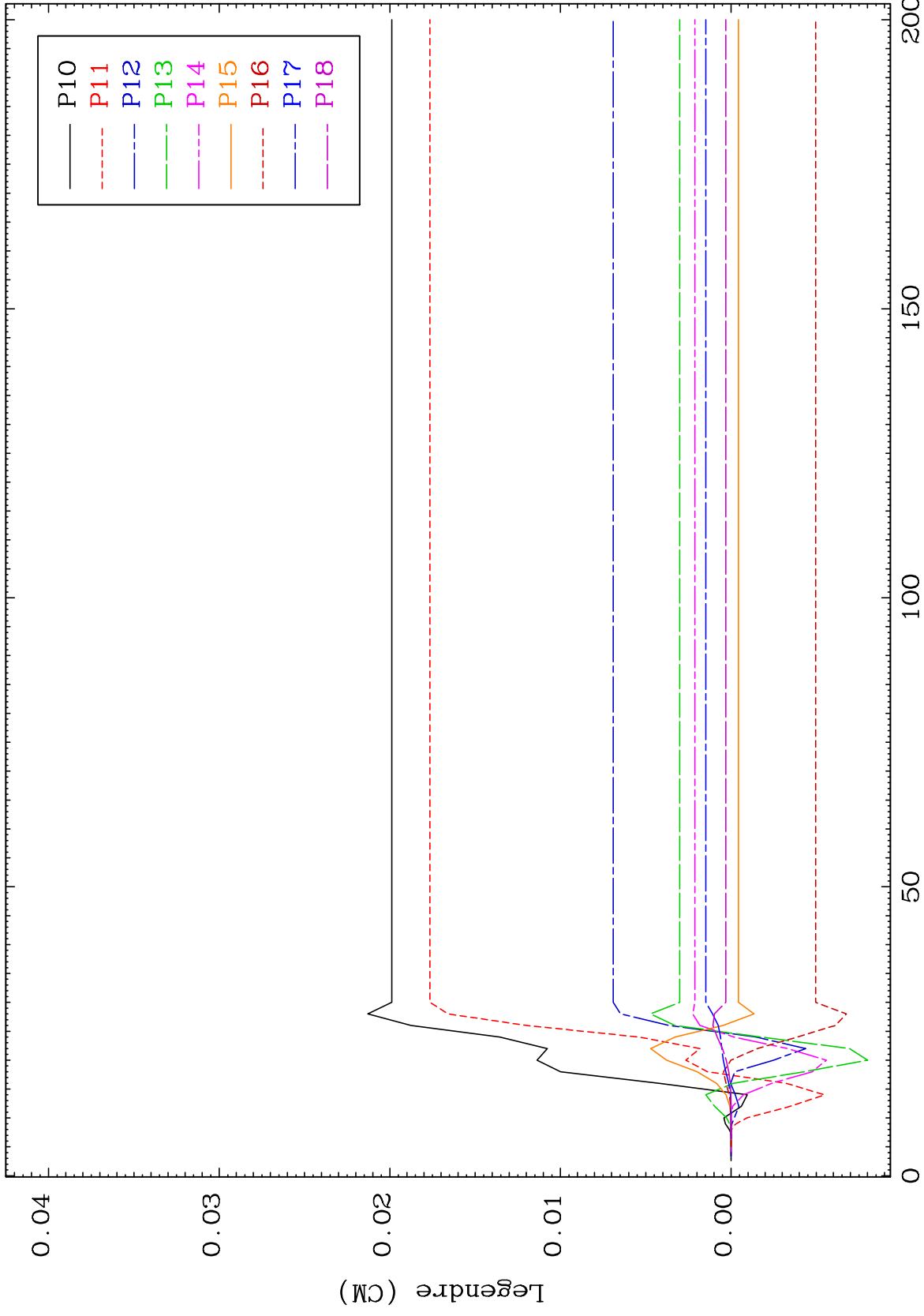




MAT 5361

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

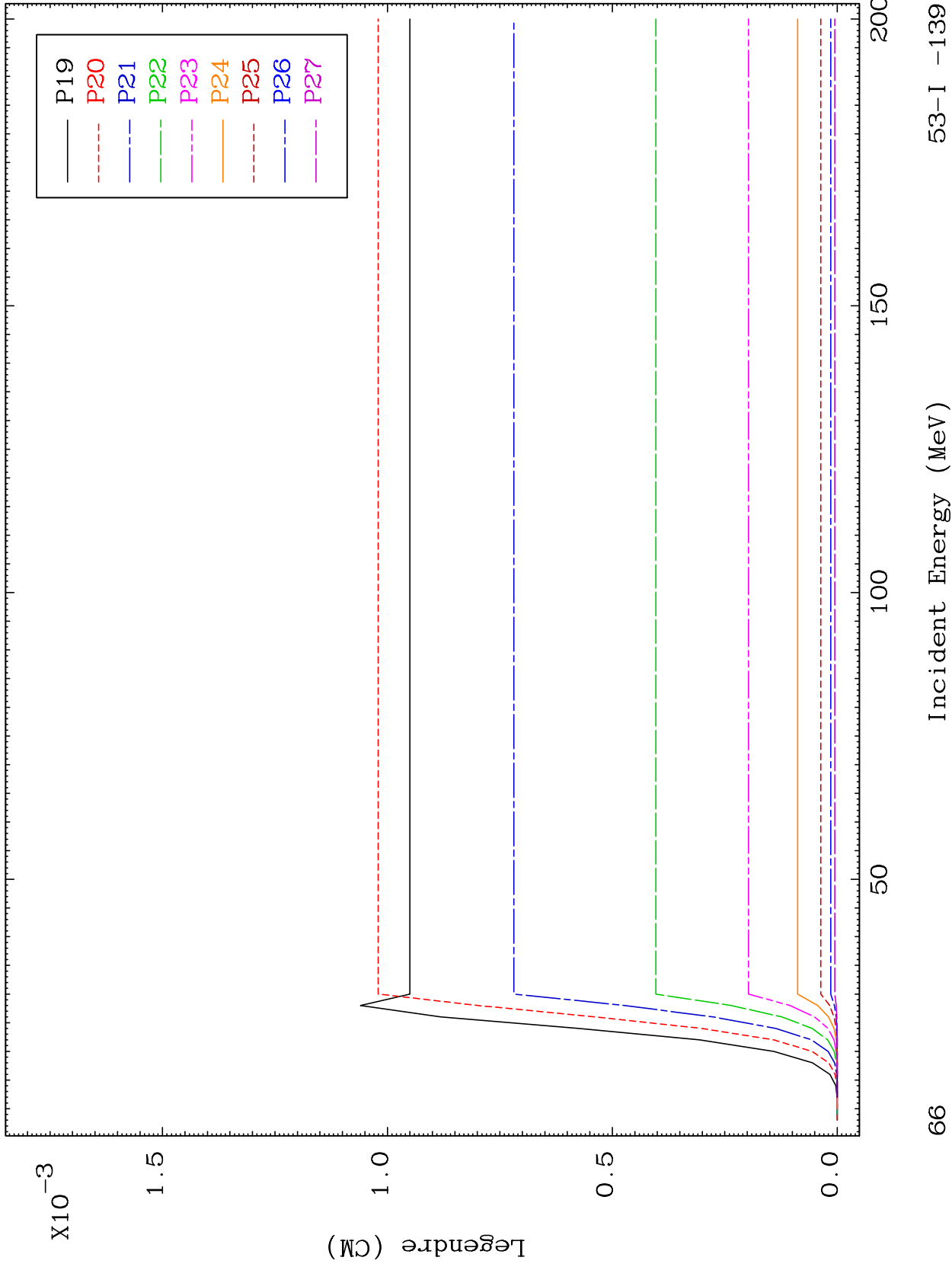
53-I -139

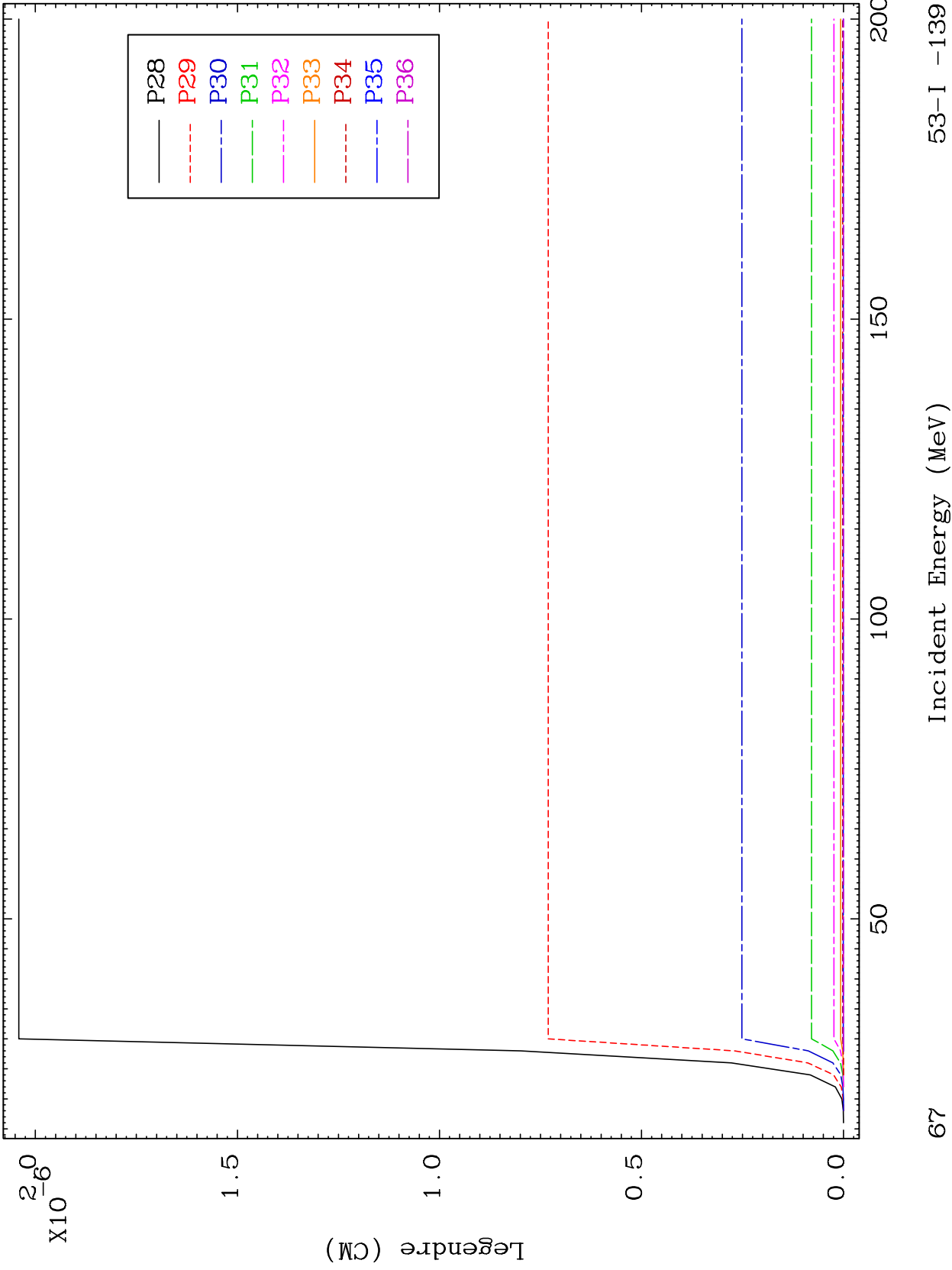


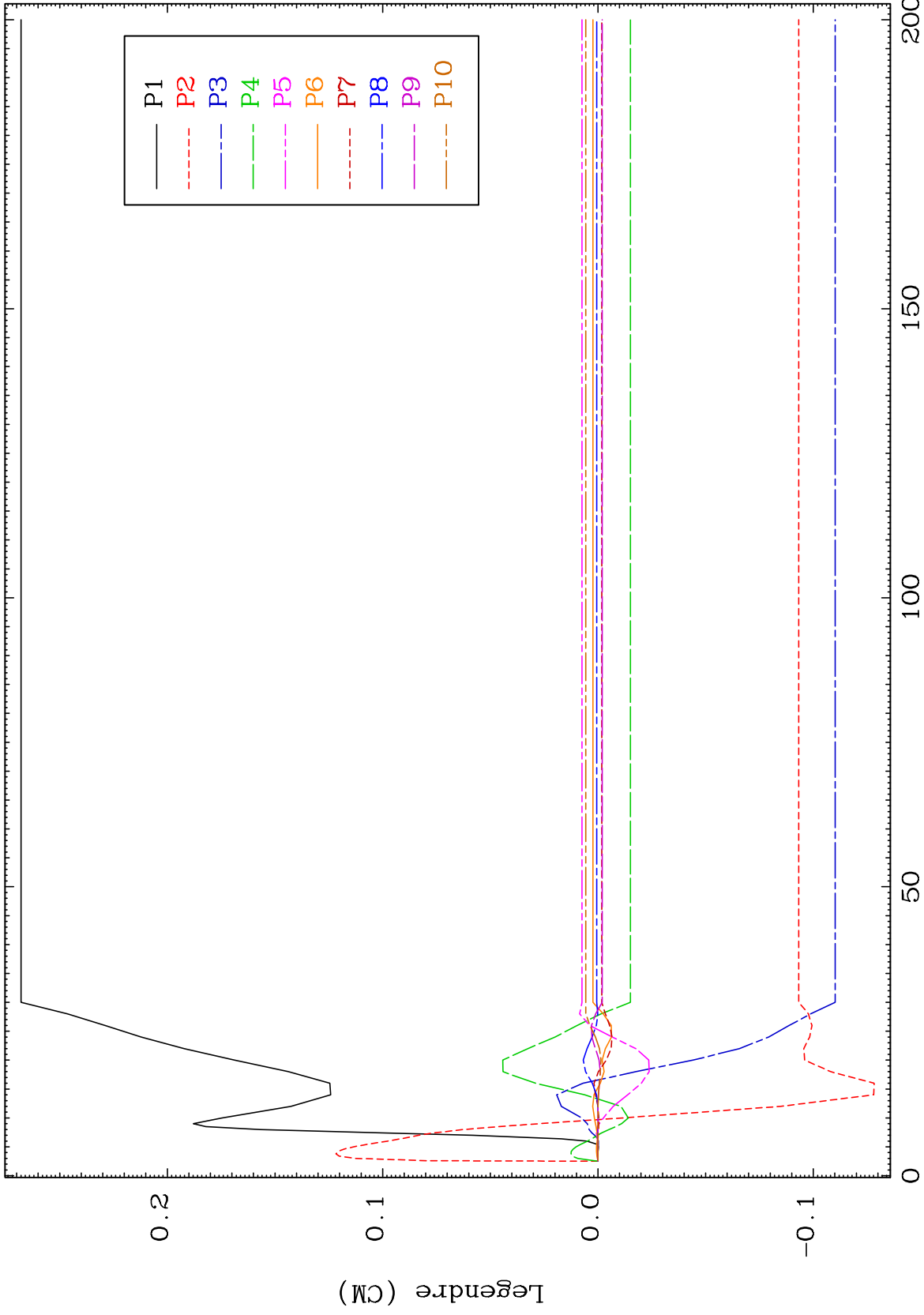
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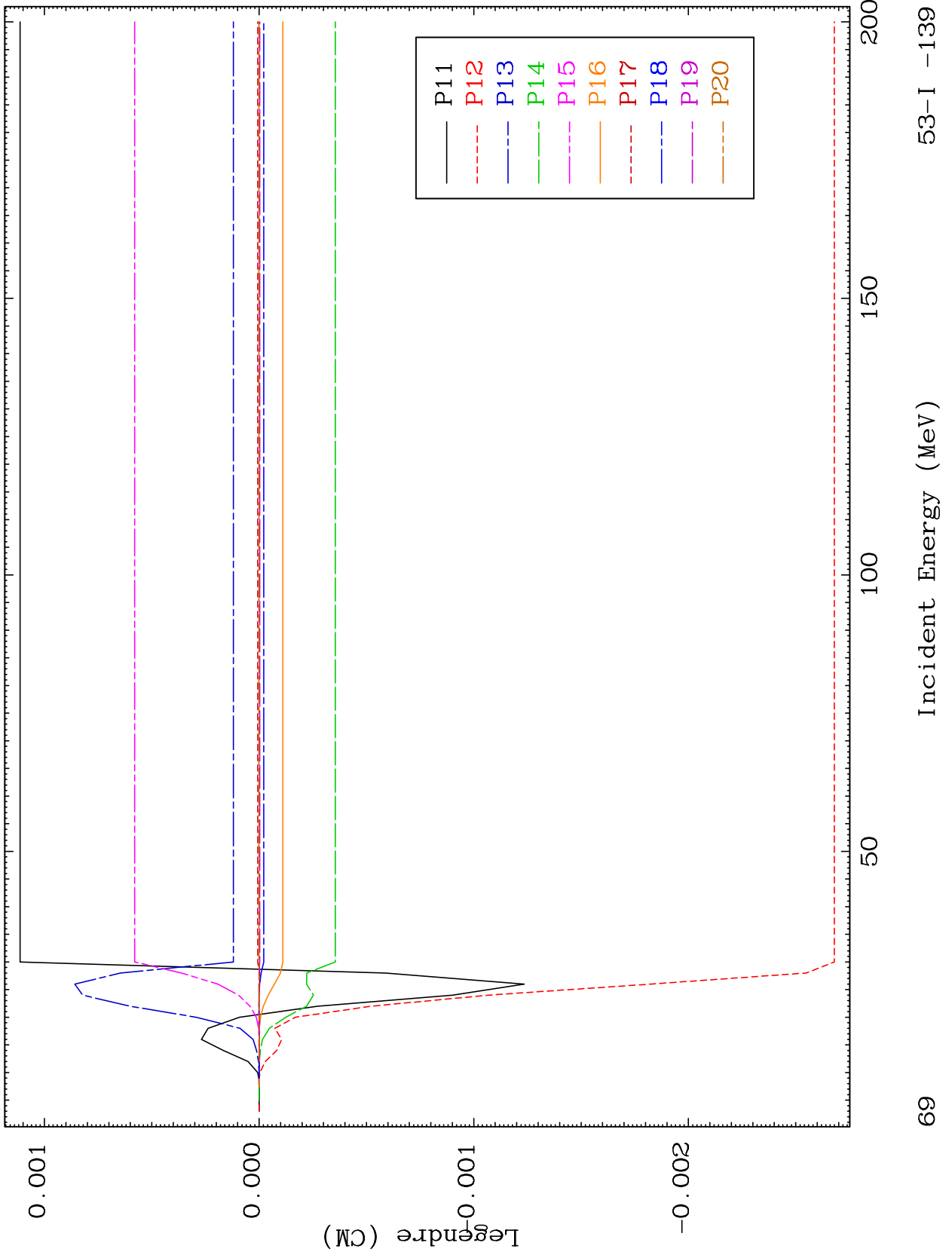
Incident Energy (MeV)

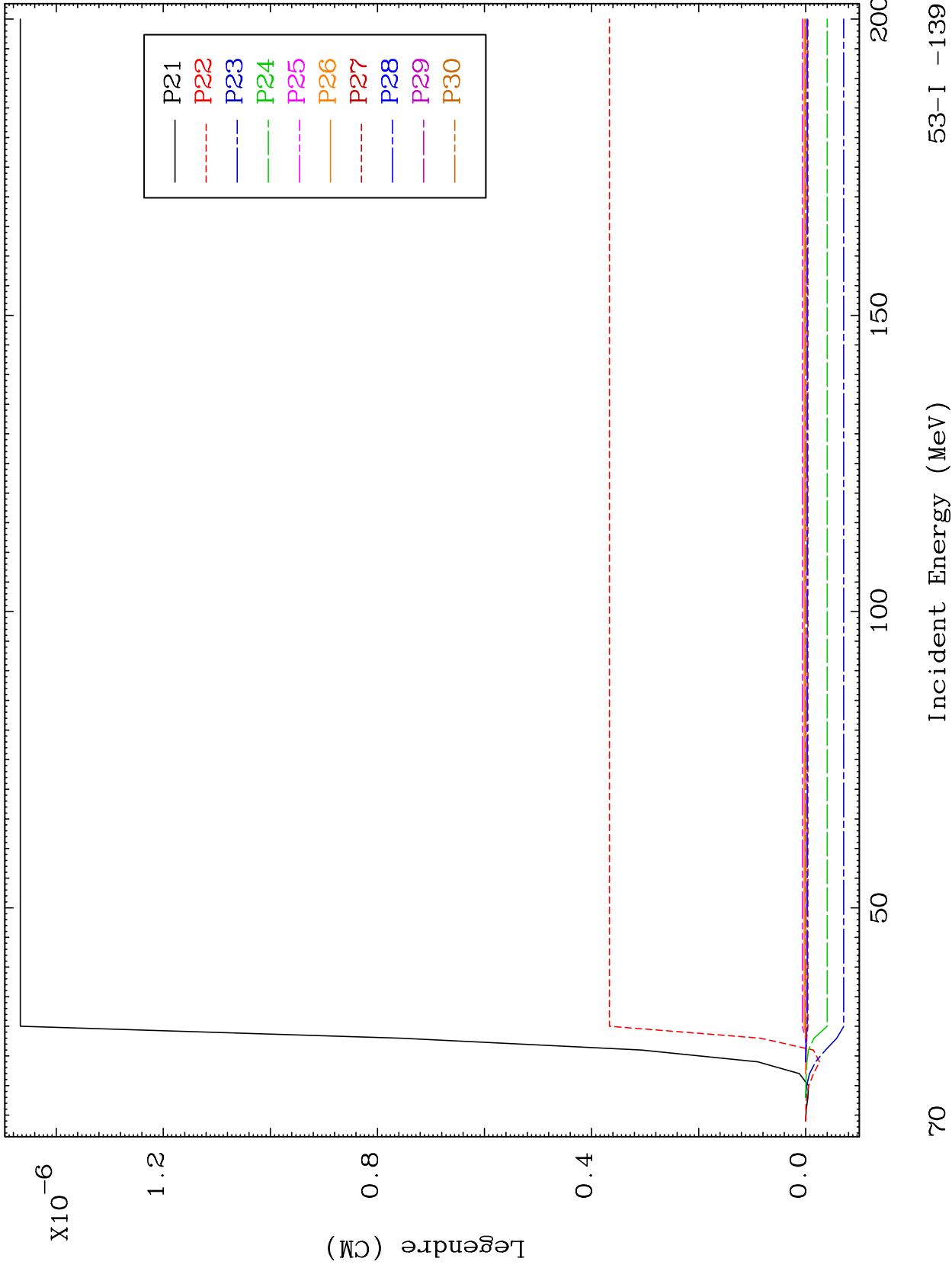
53-I -139

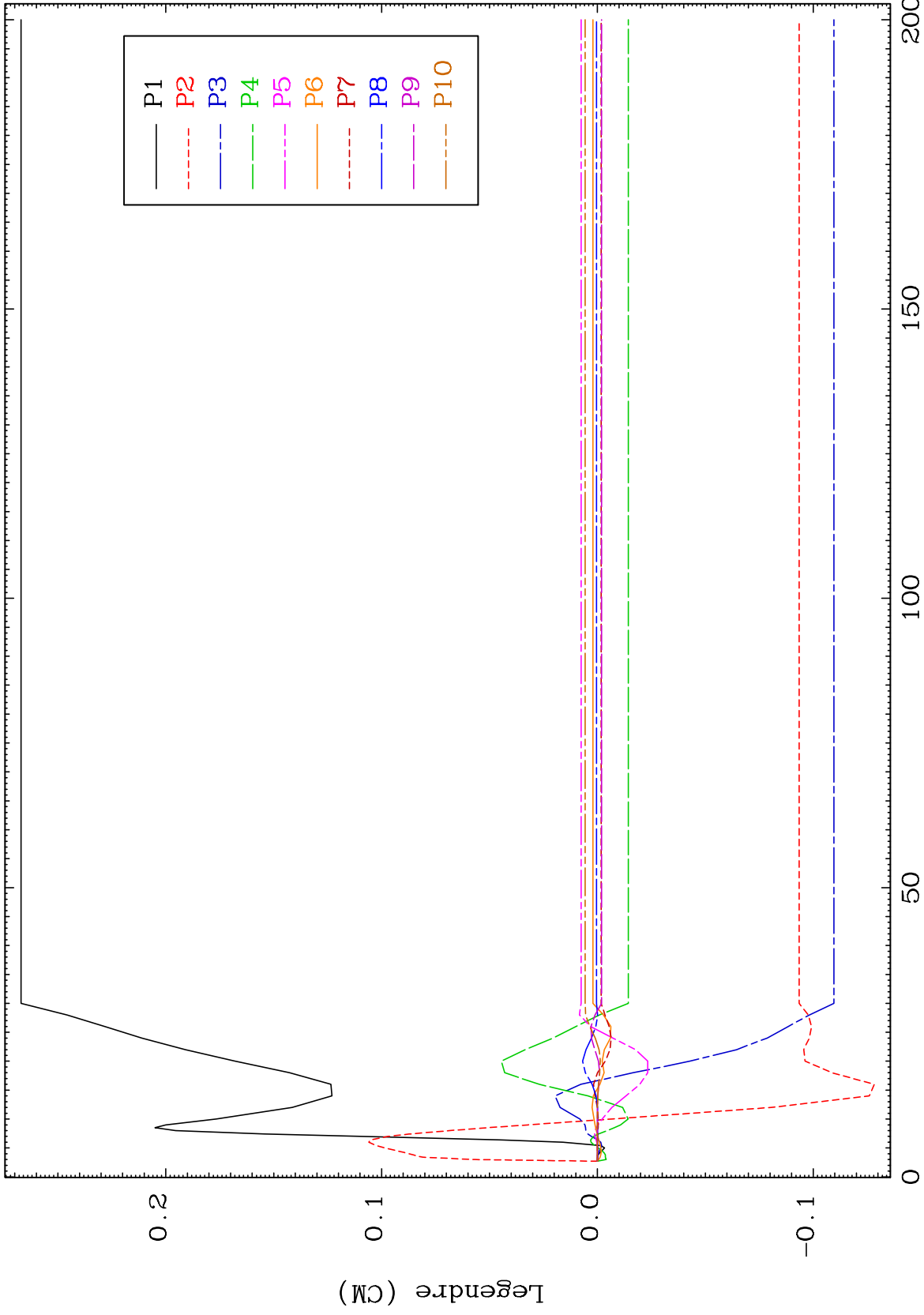










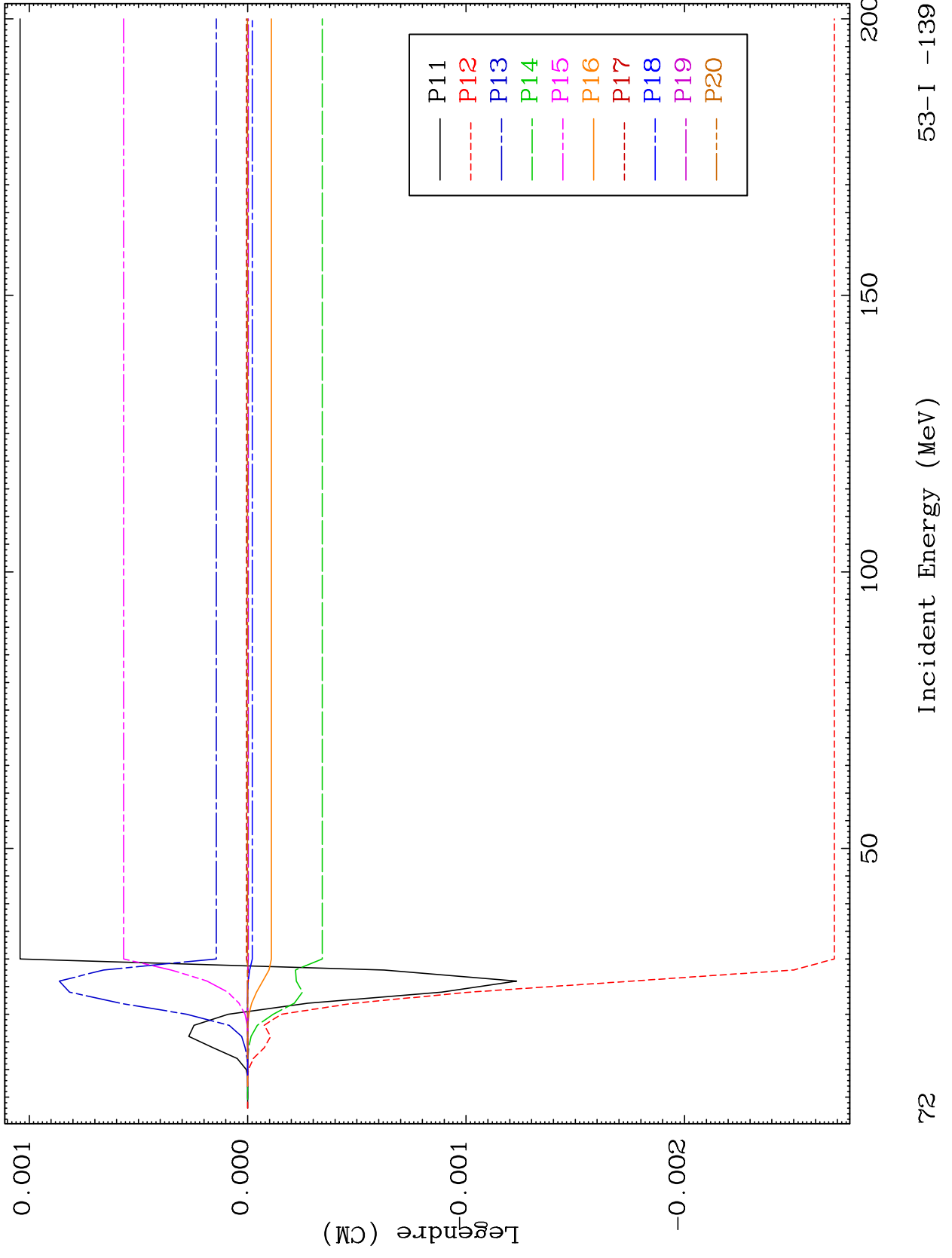




MAT 5361

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

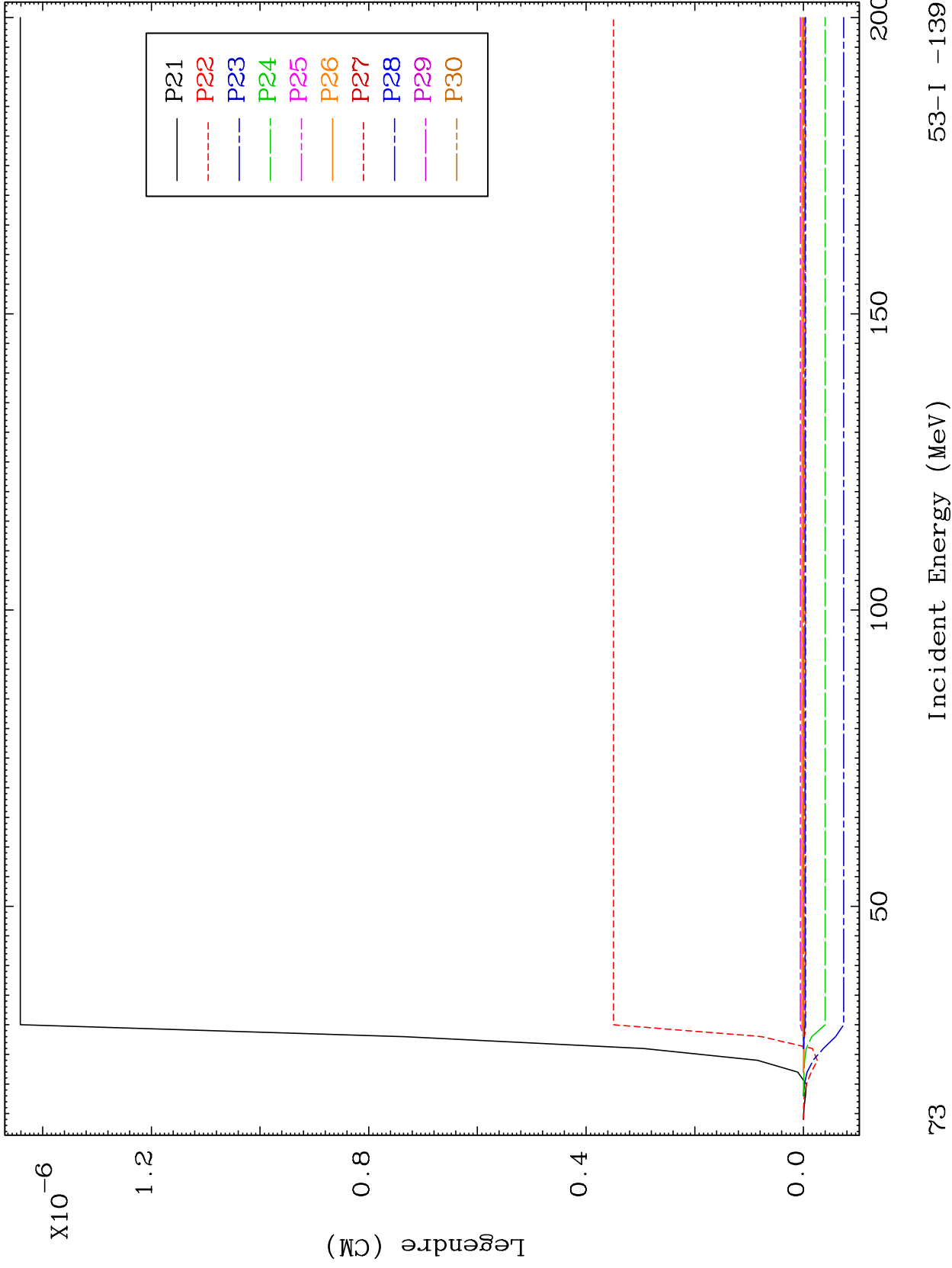
53-I -139

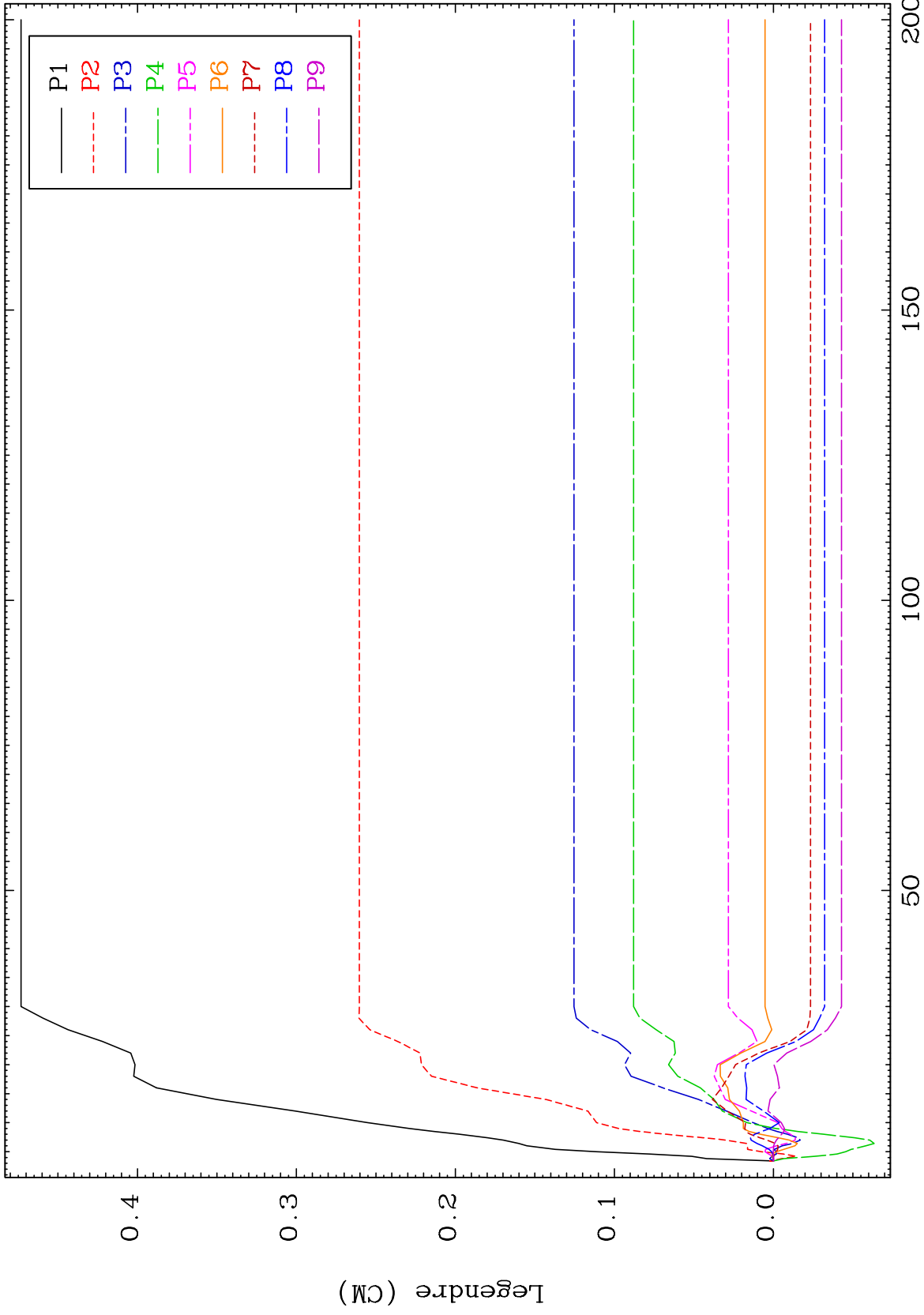


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Incident Energy (MeV)

53-I -139

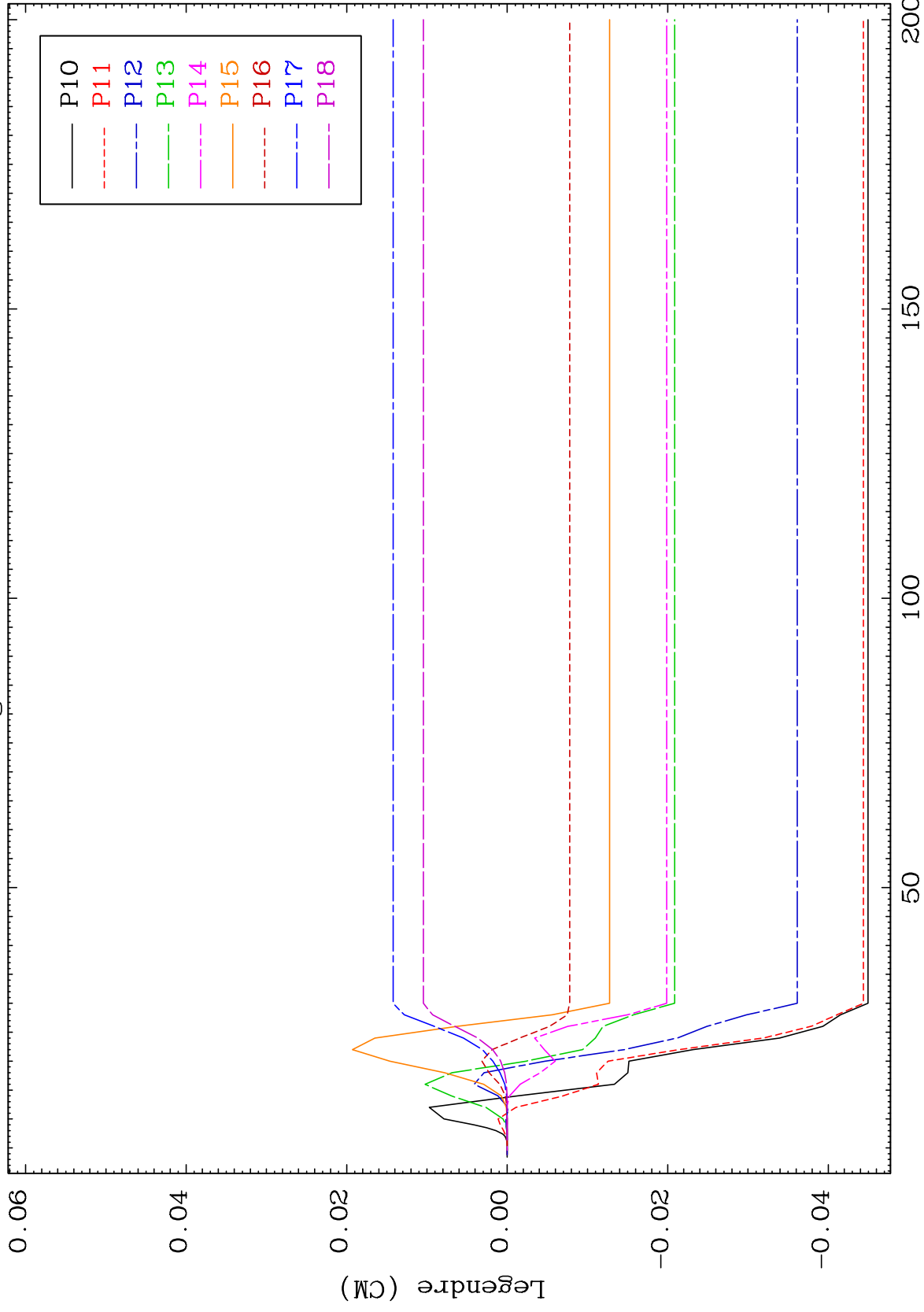




MAT 5361

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

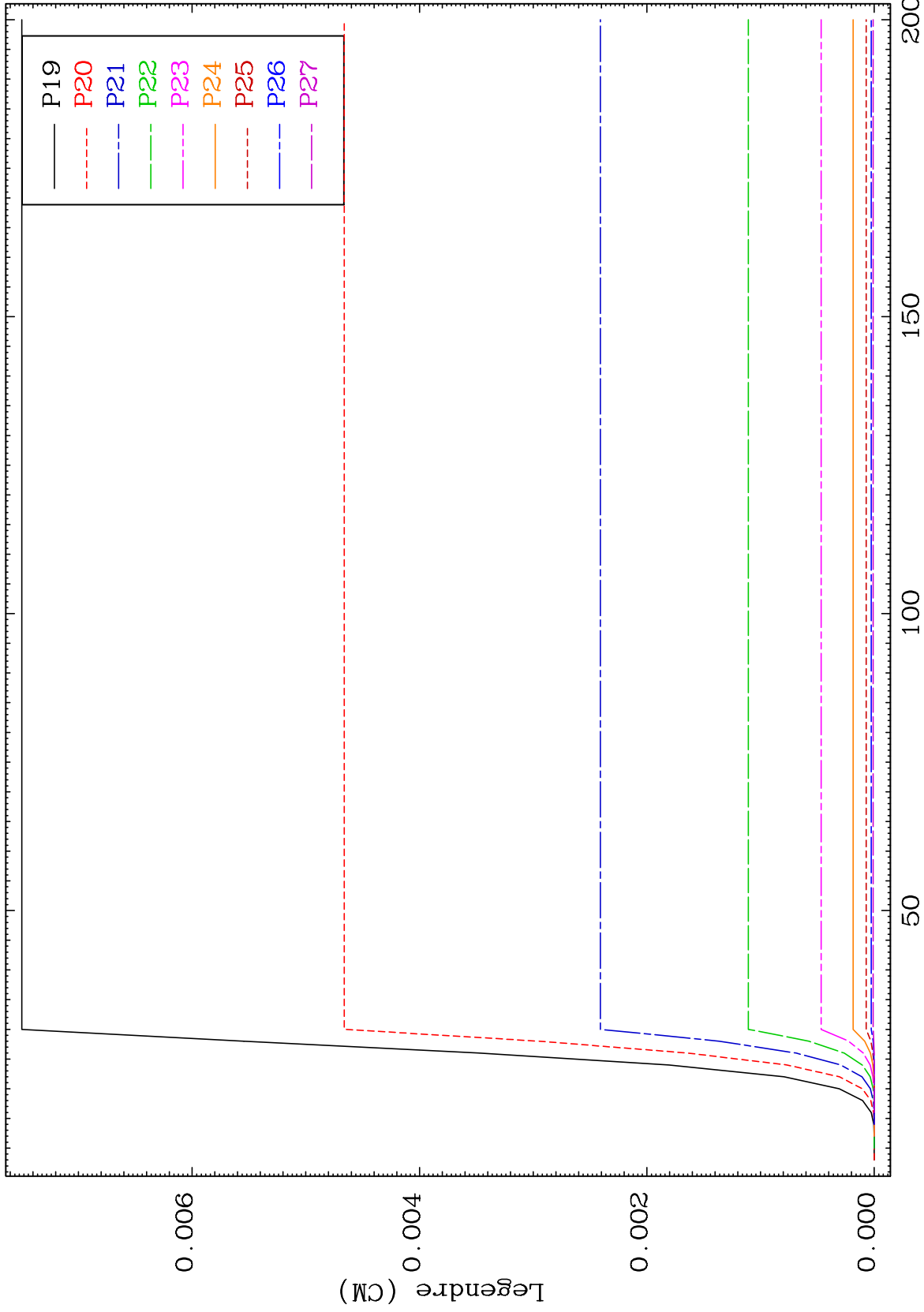
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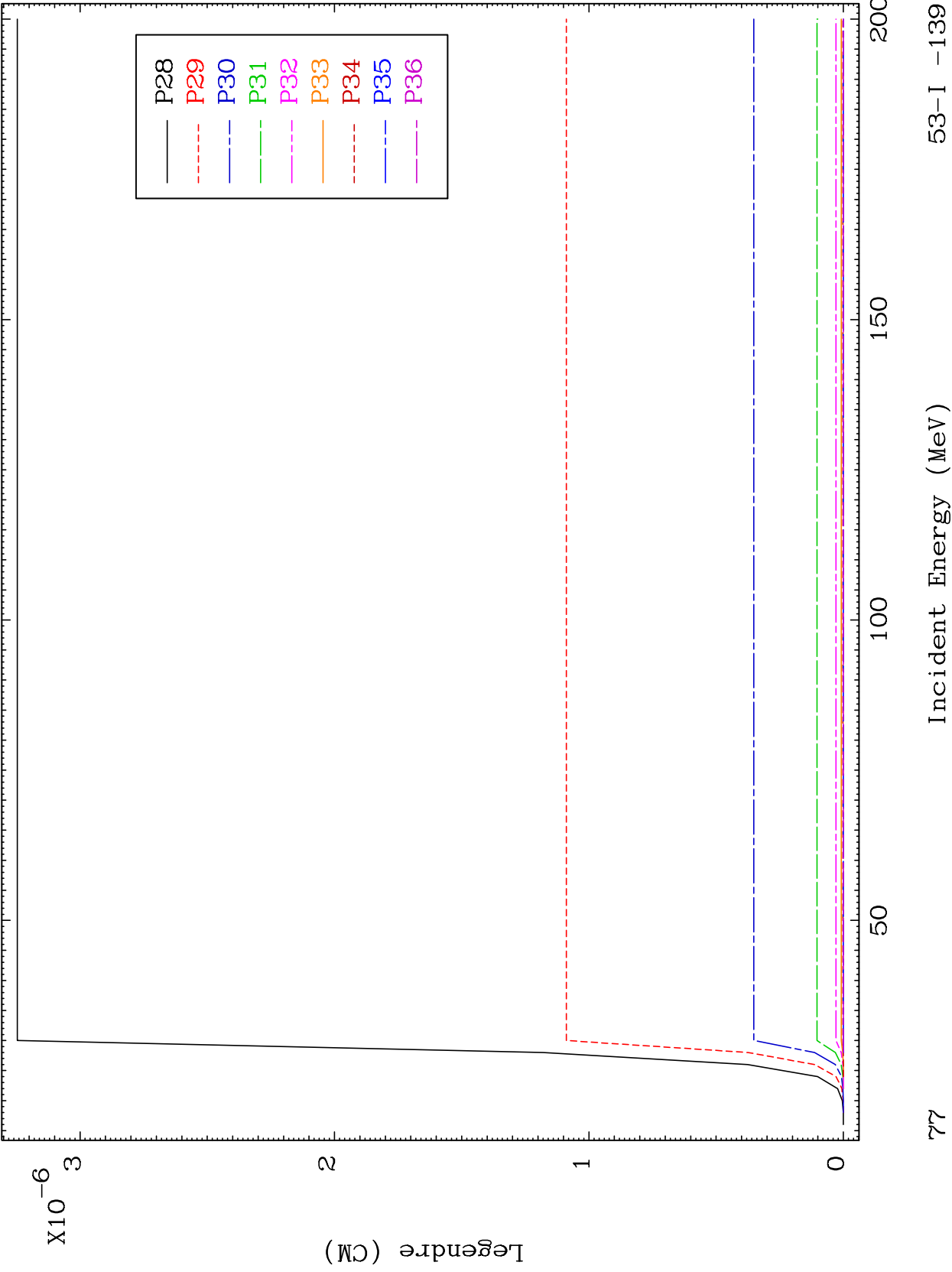


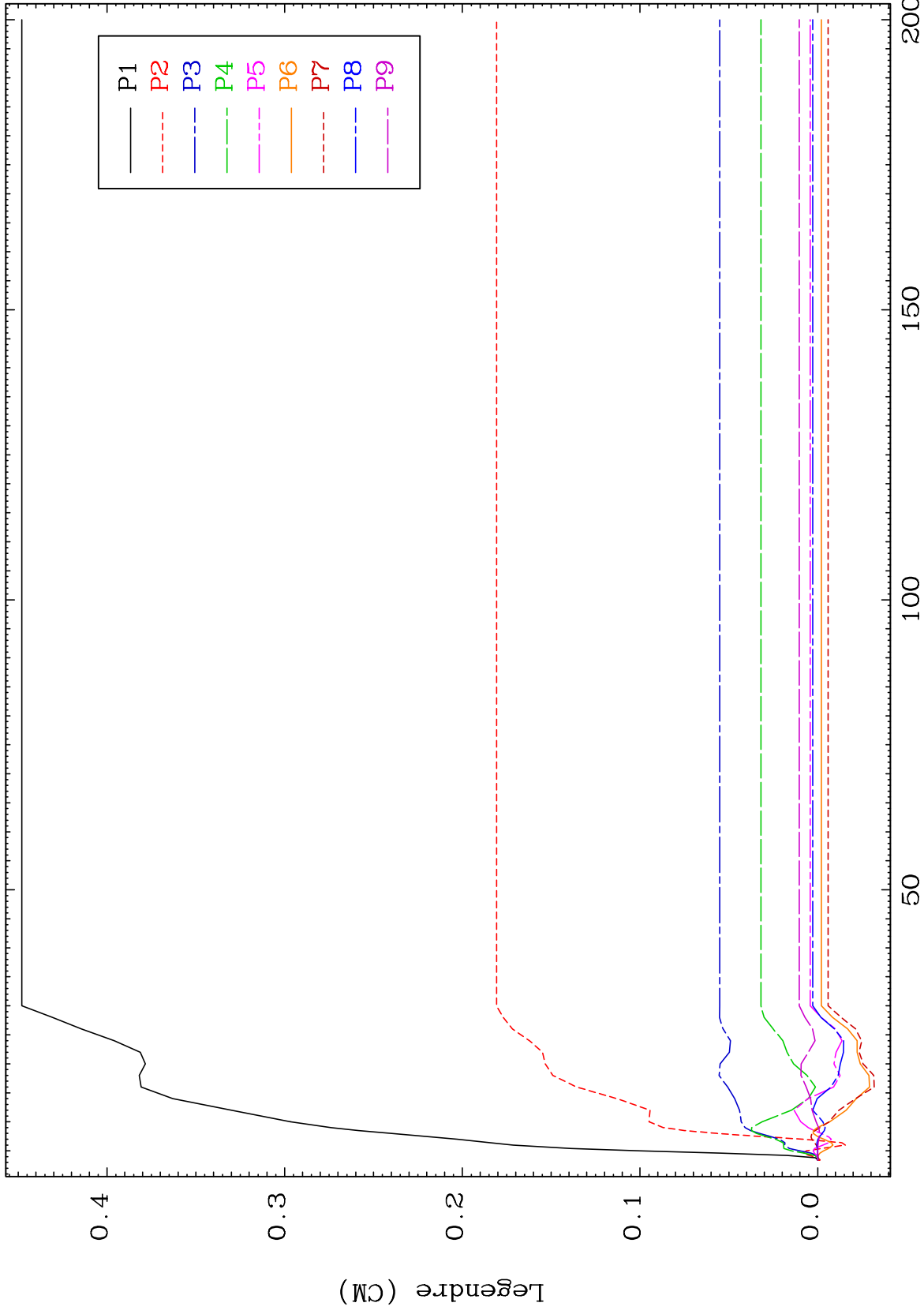
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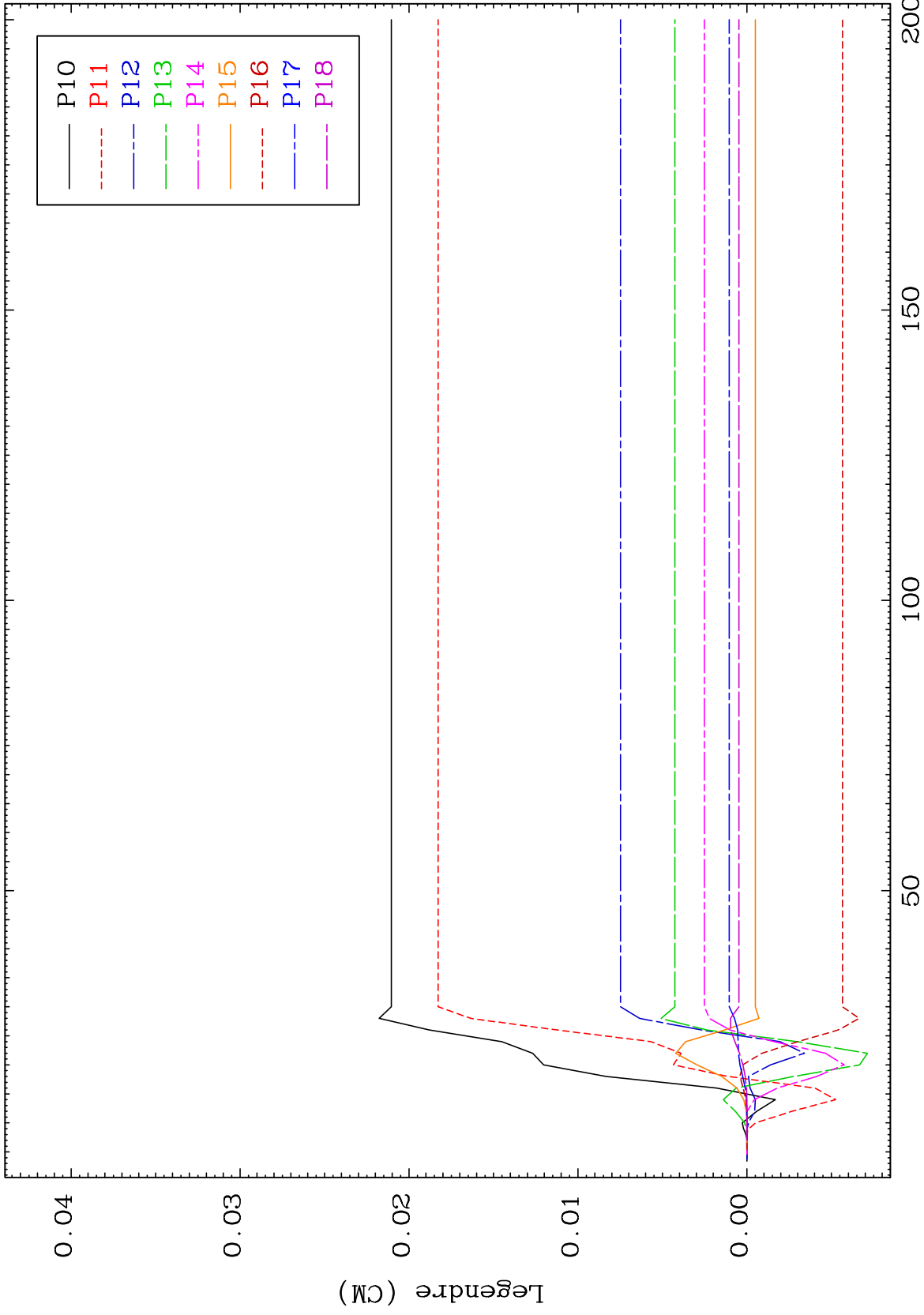
Incident Energy (MeV)

53-I -139







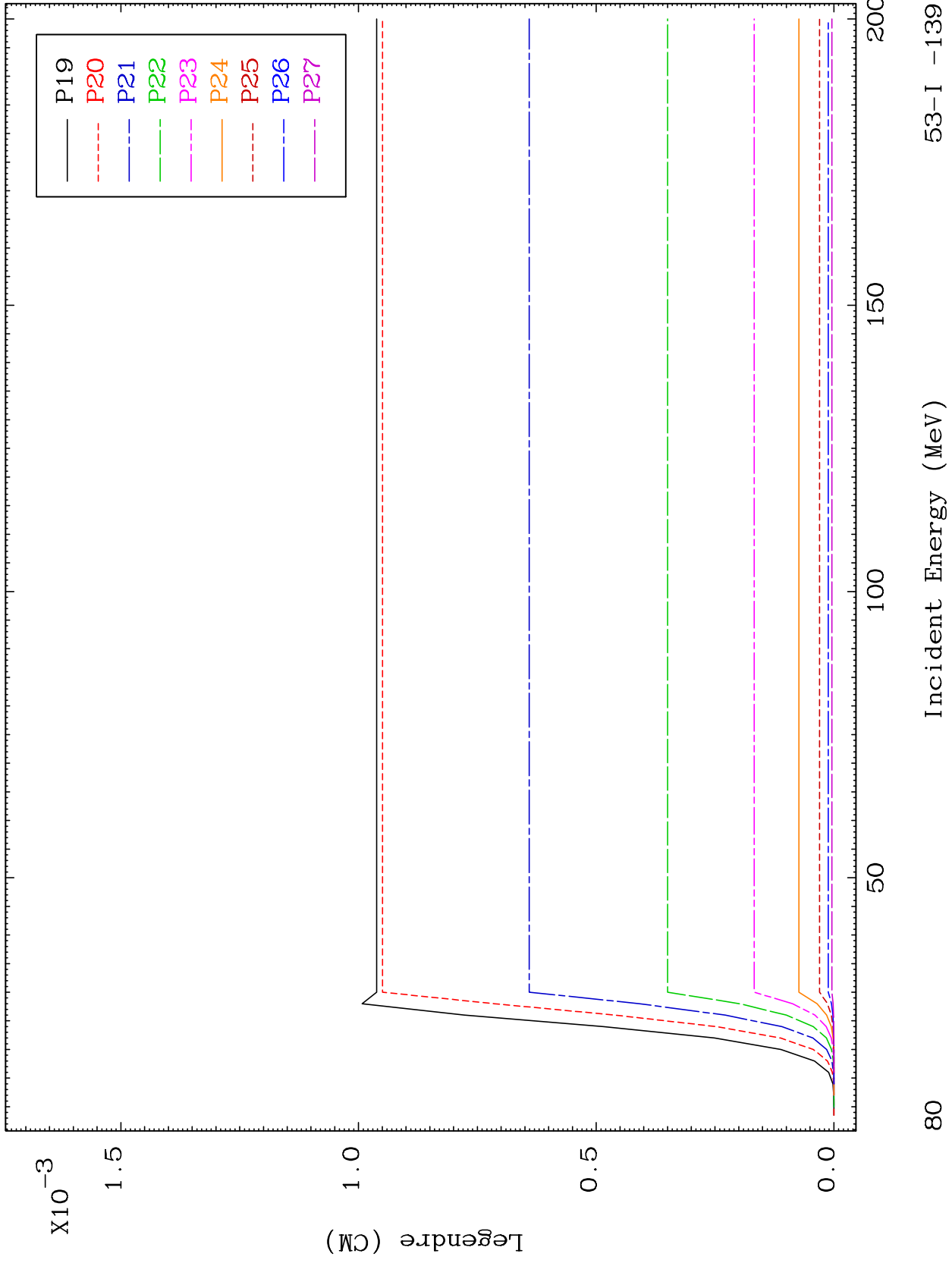




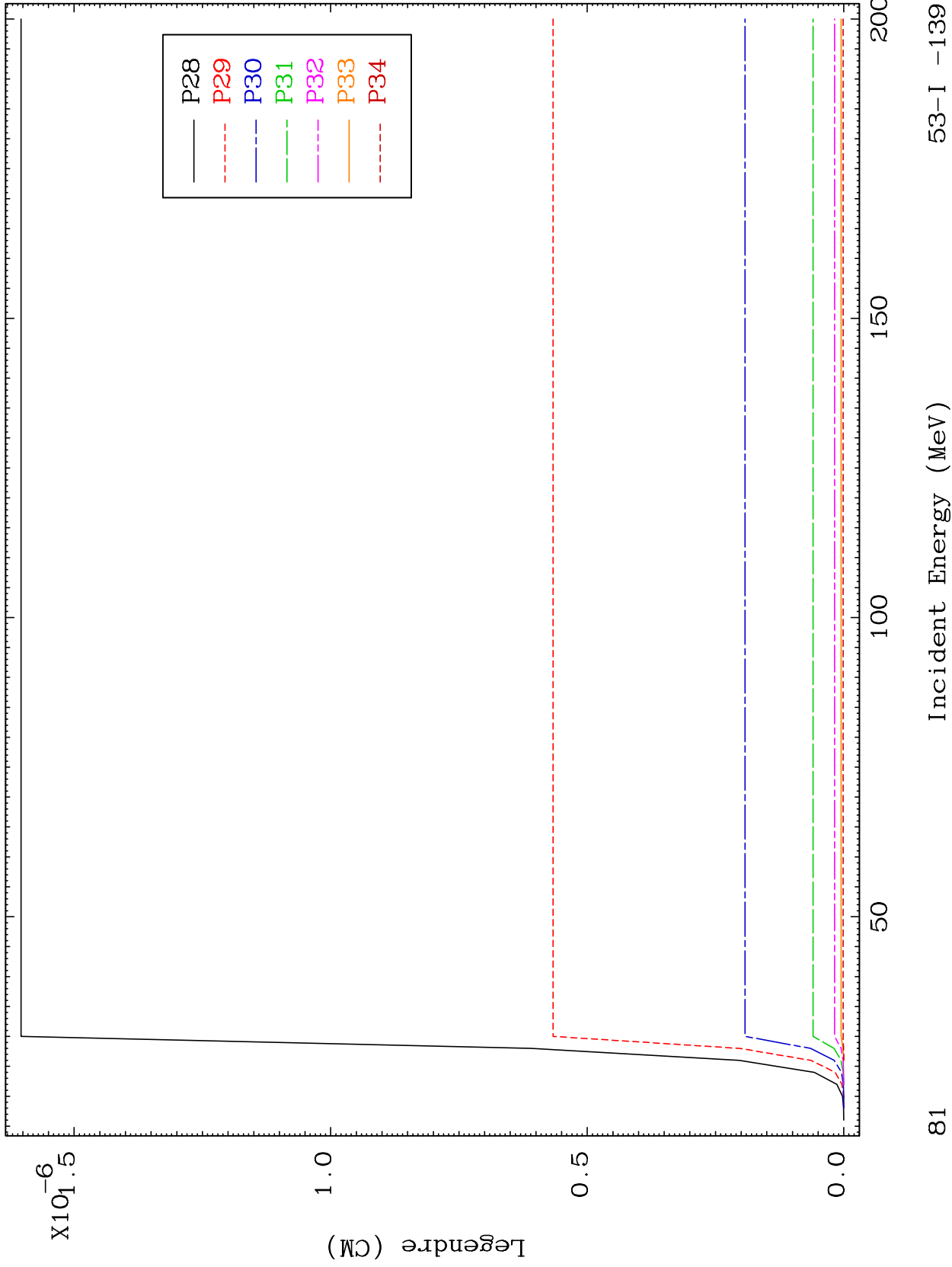
MAT 5361

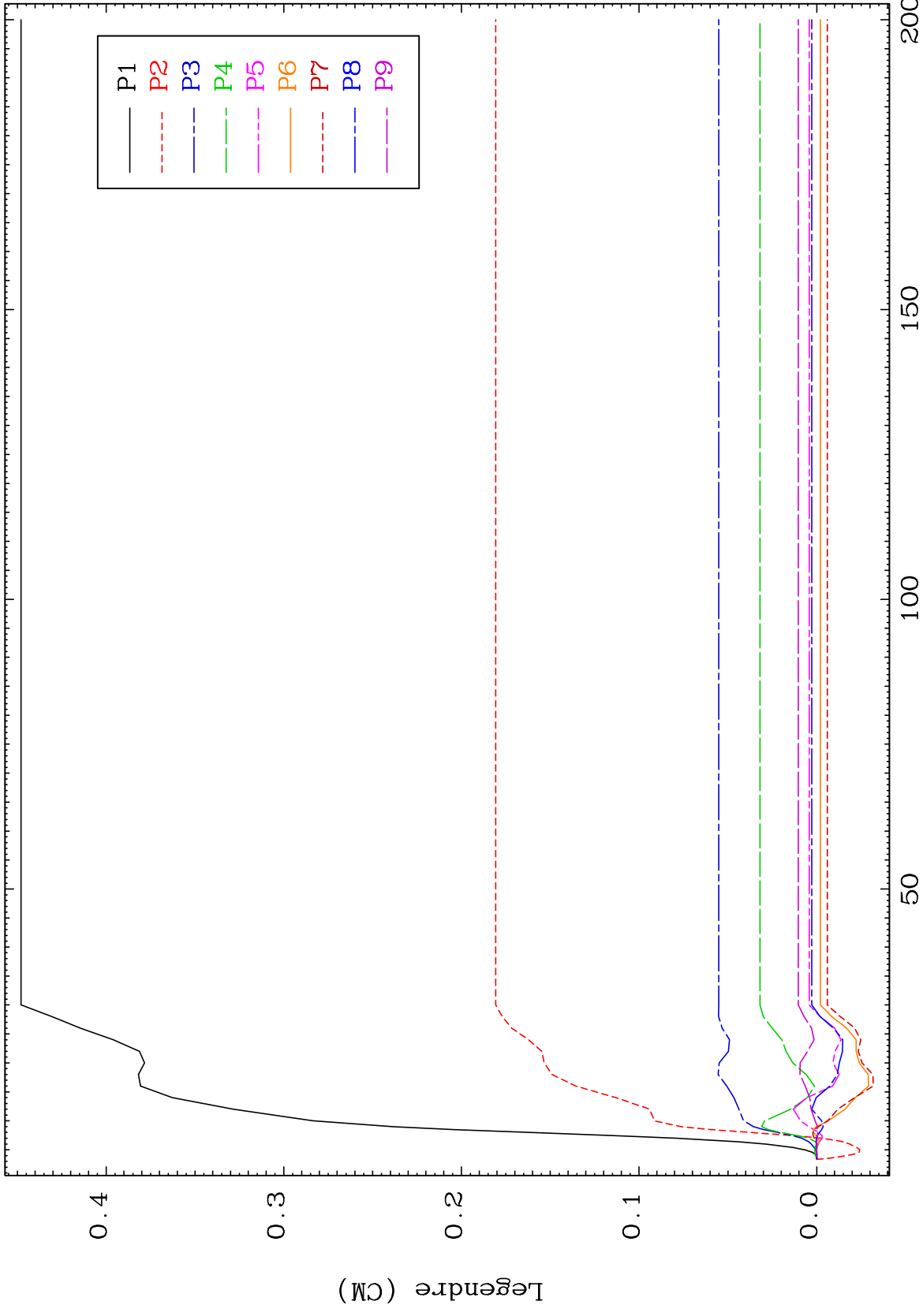
MT= 66 (n,n') Level  
Legendre Coefficients

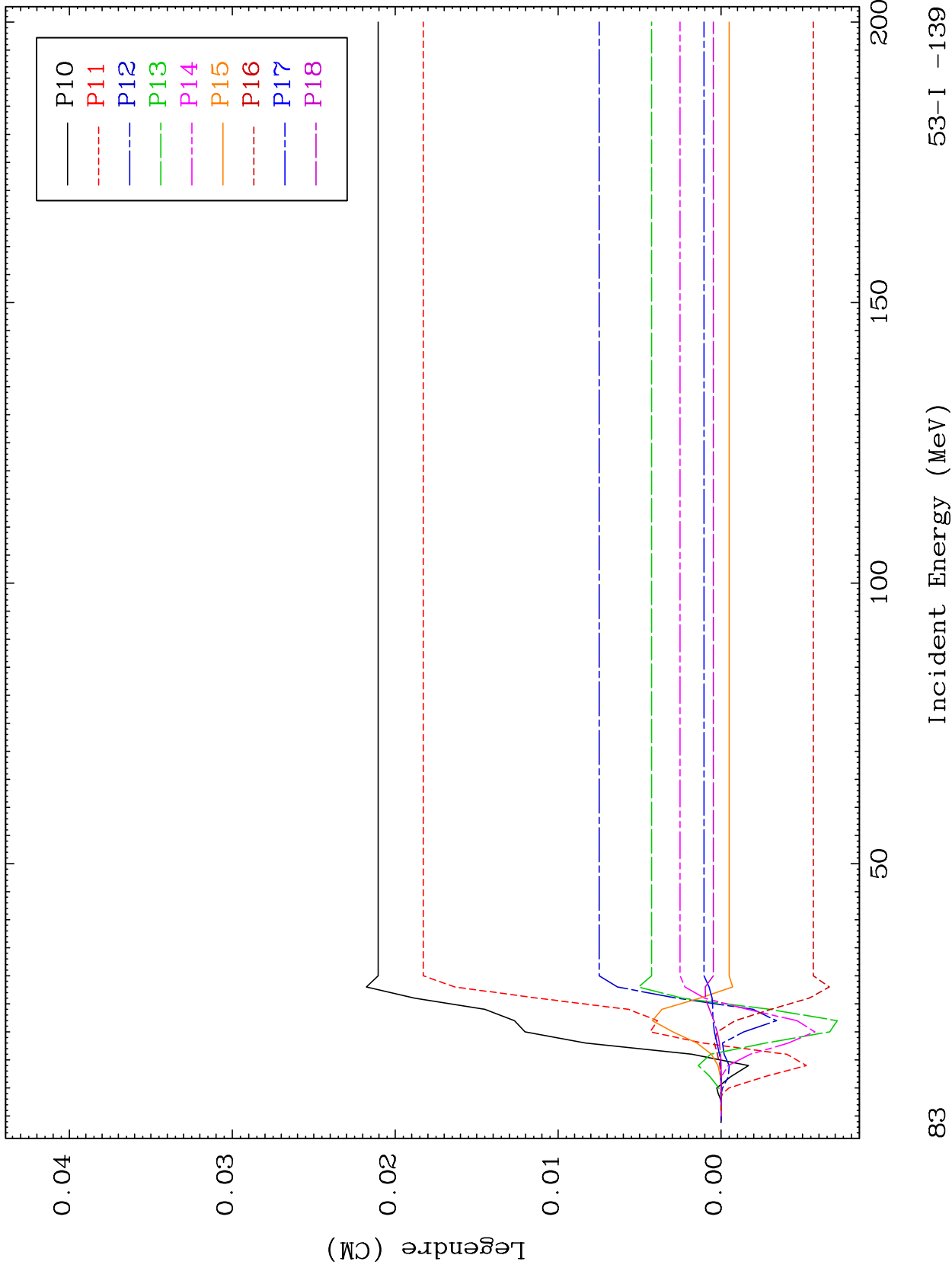
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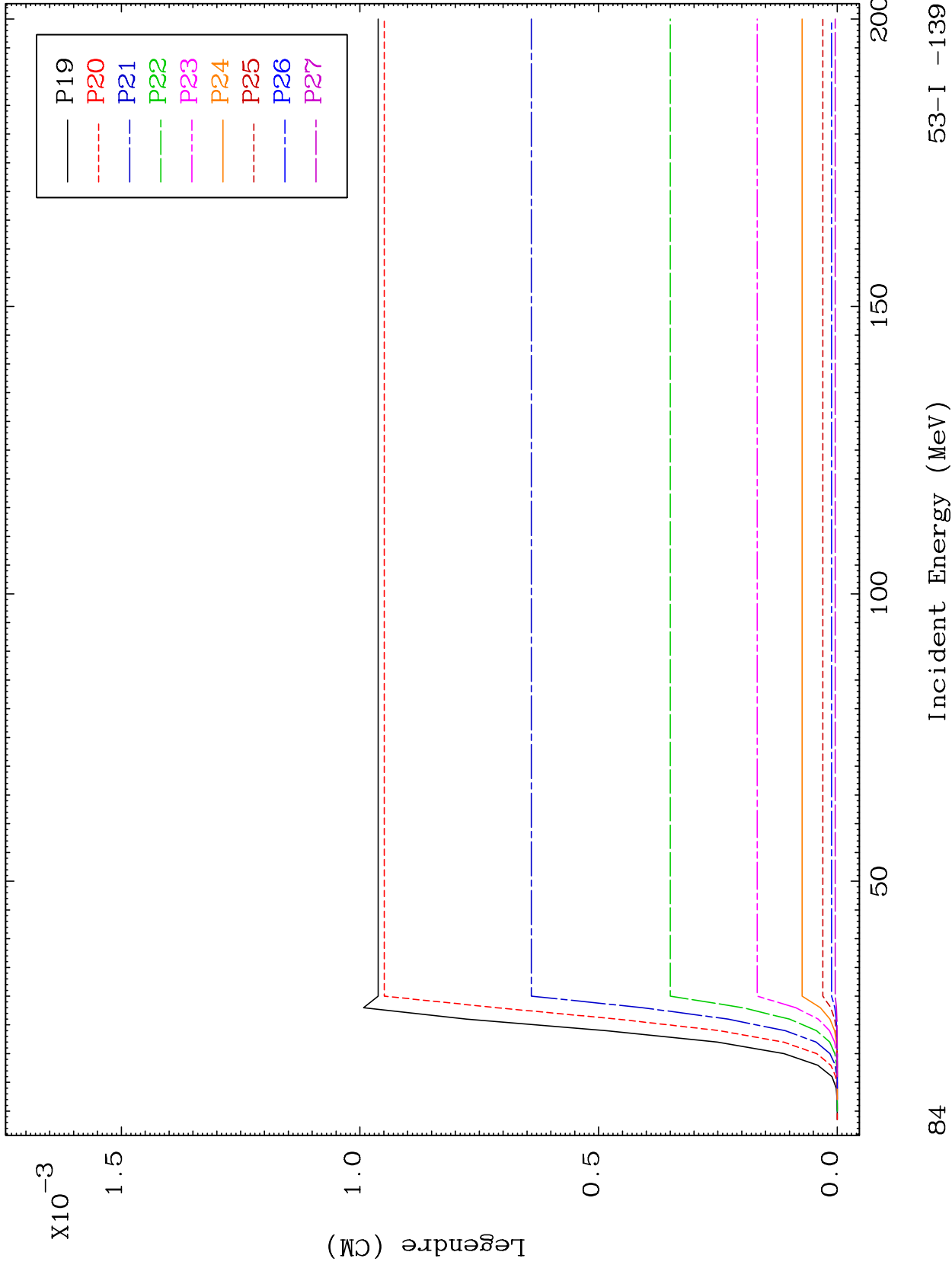


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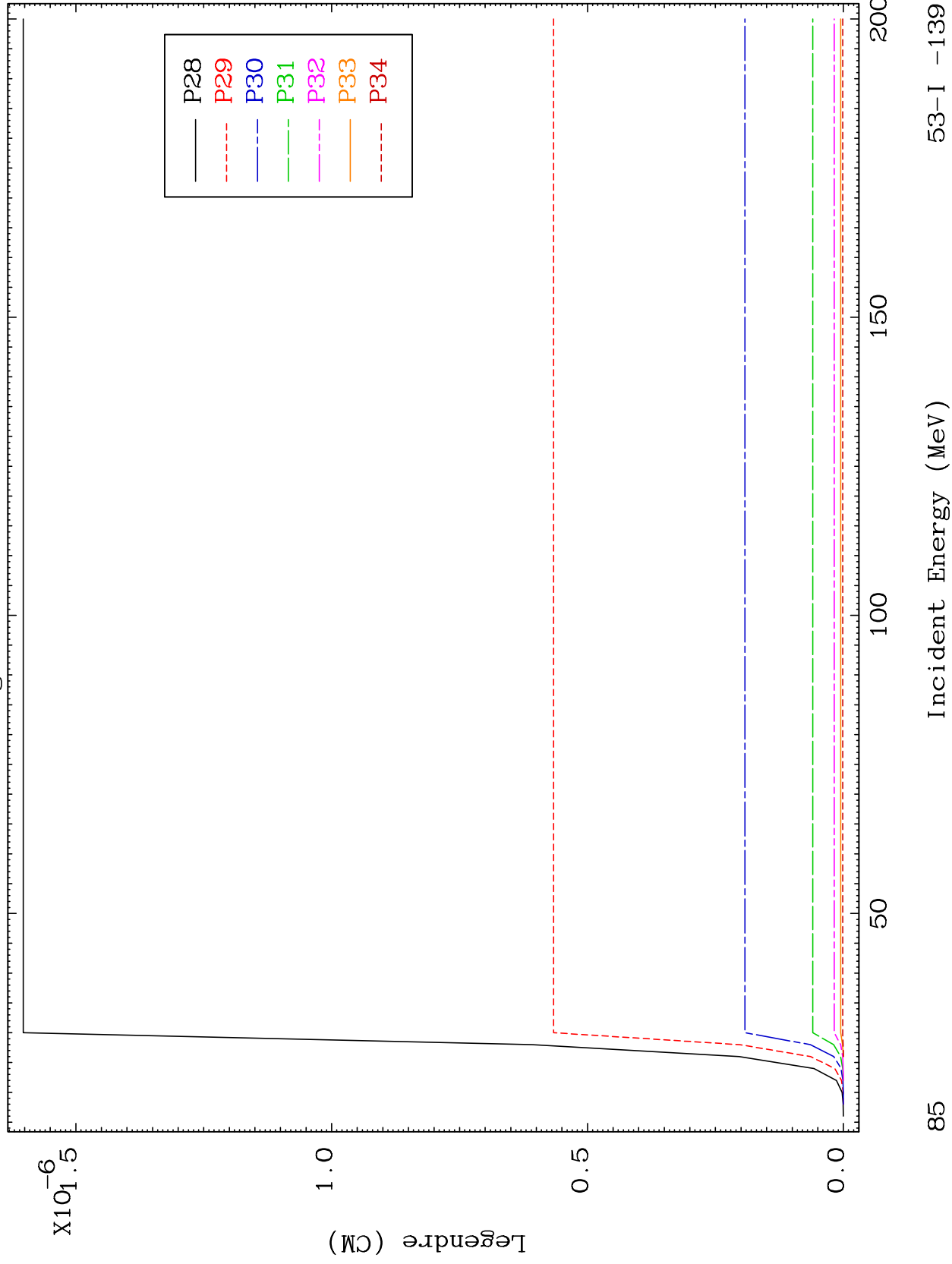




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MT= 67 (n,n') Level  
Legendre Coefficients

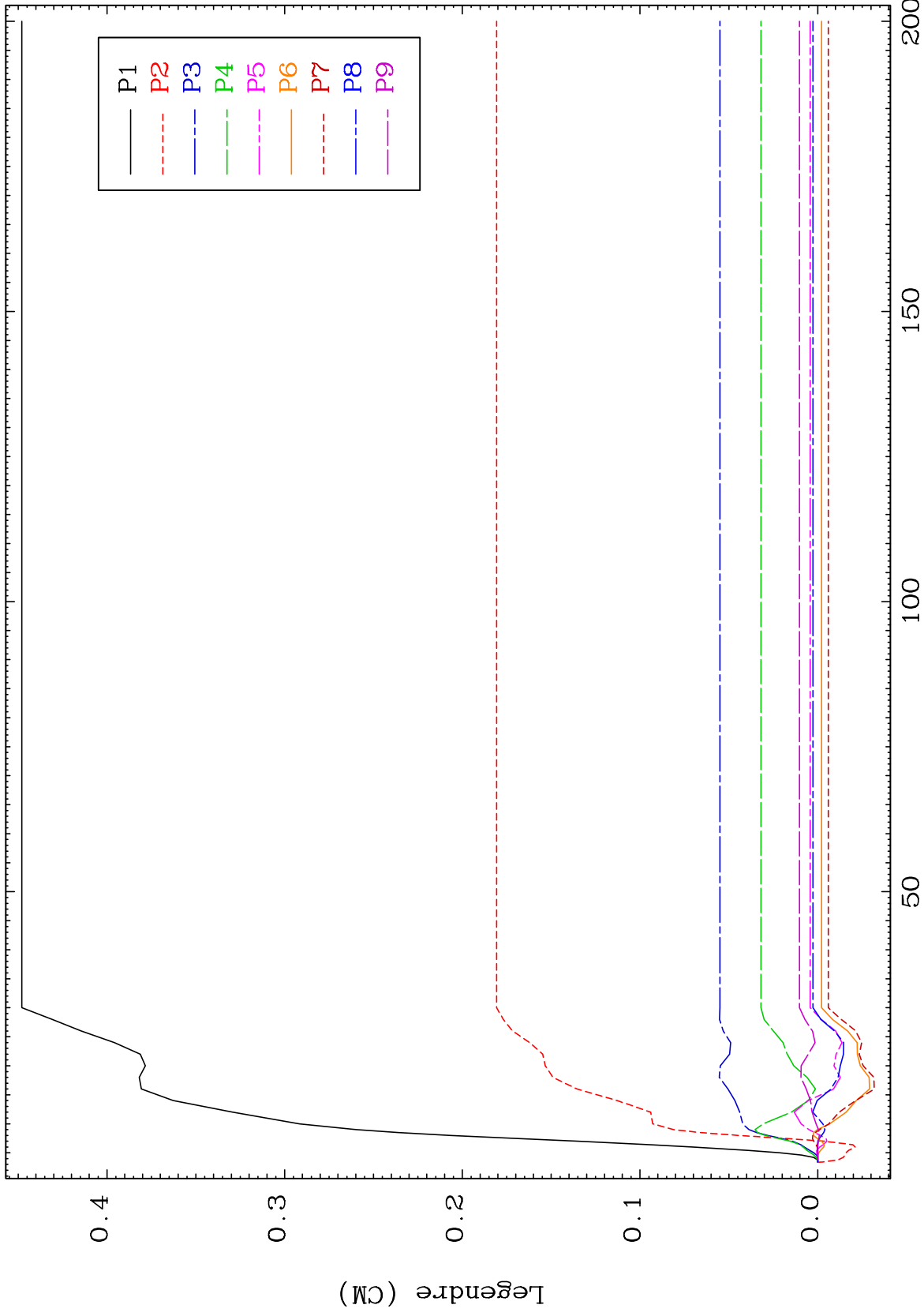
53-I -139

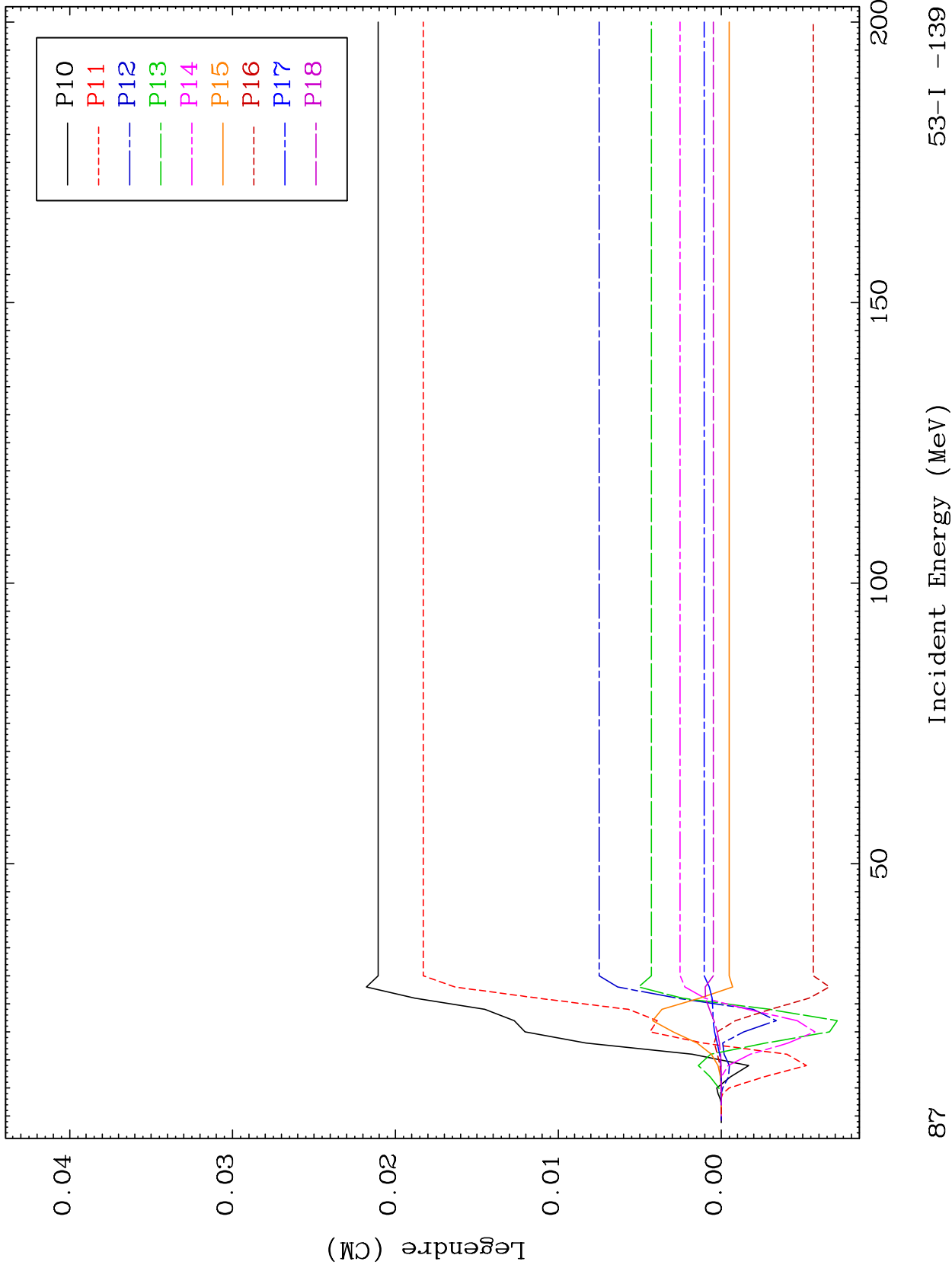


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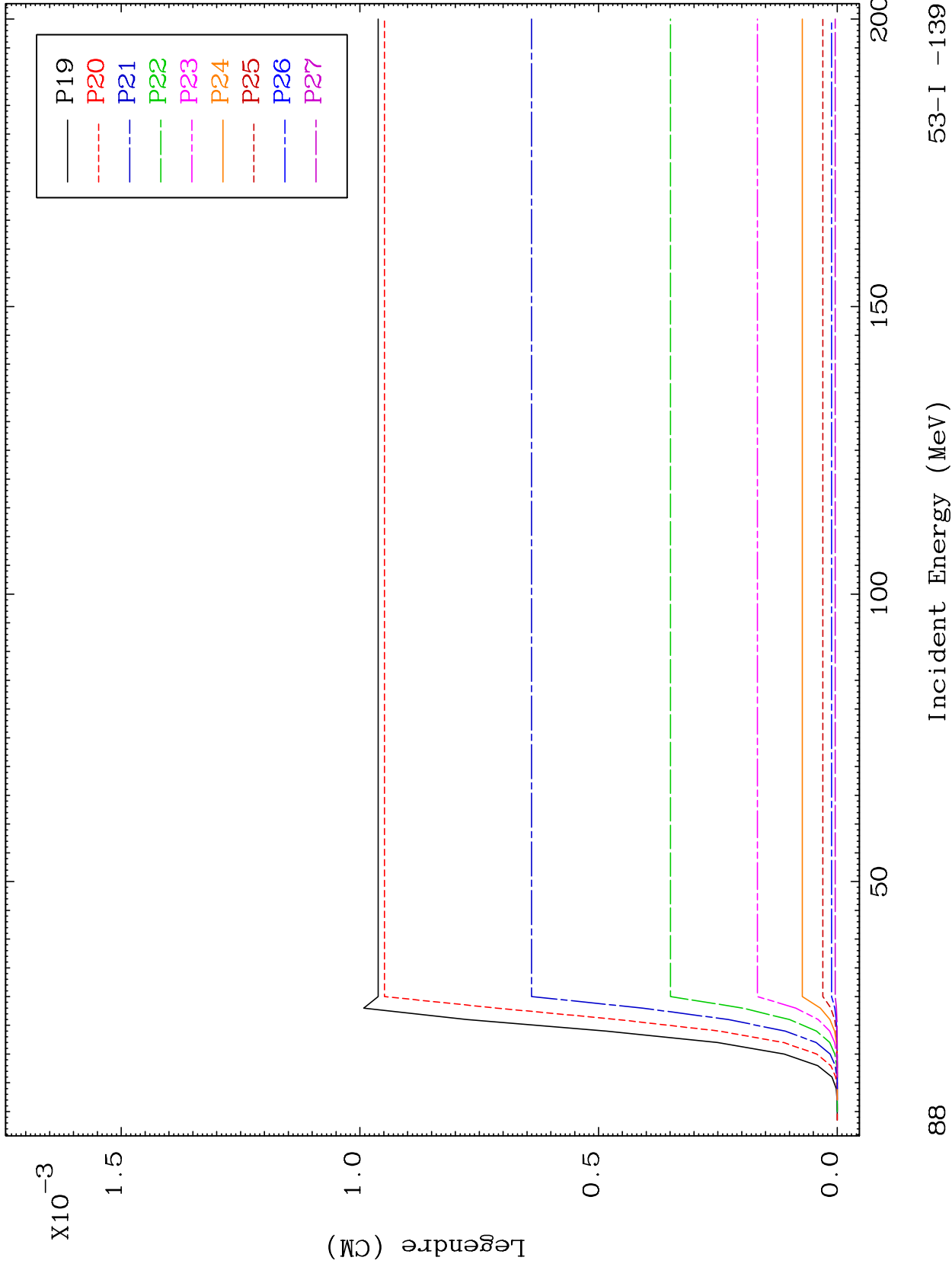
Incident Energy (MeV)

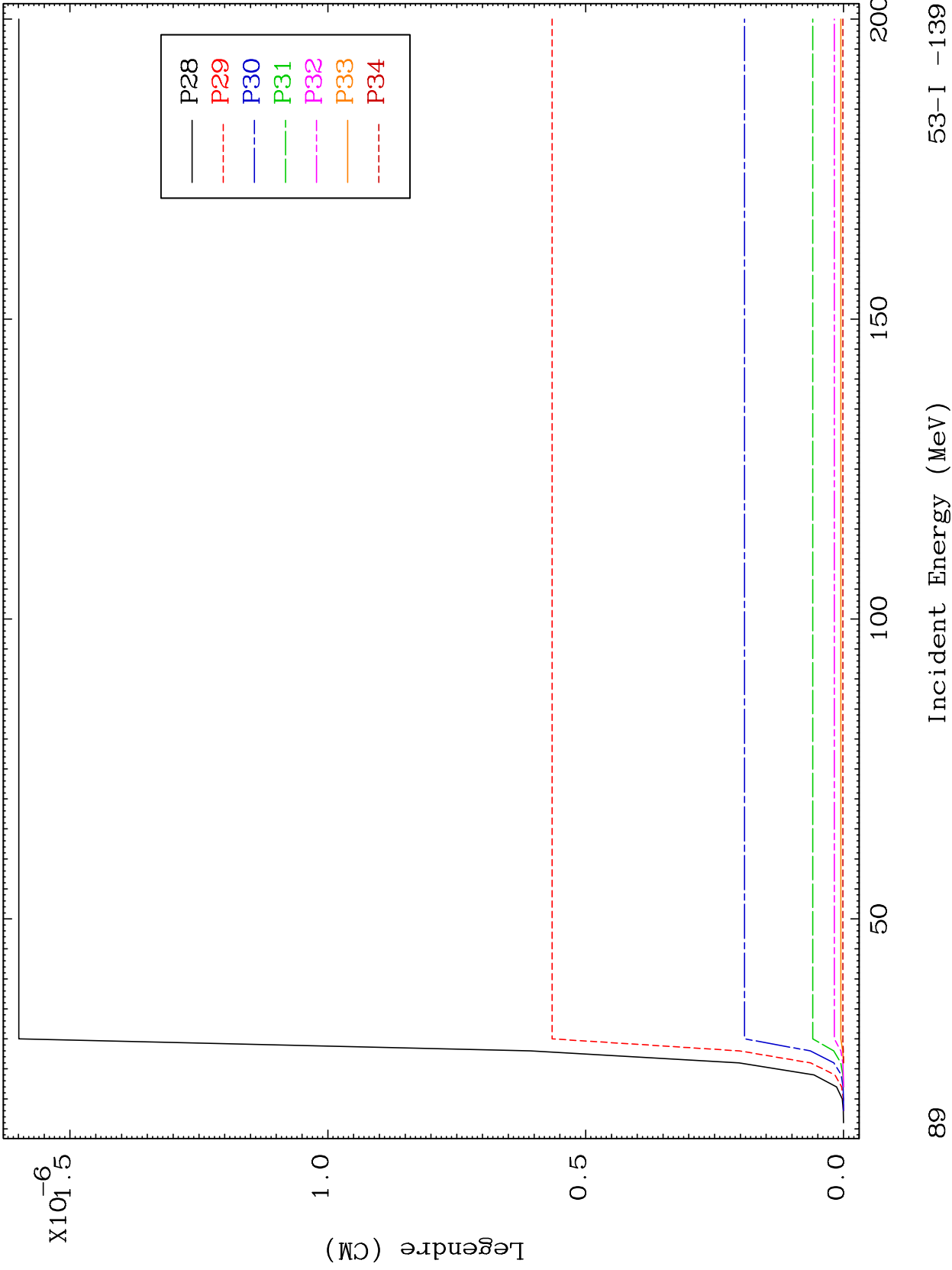
53-I -139

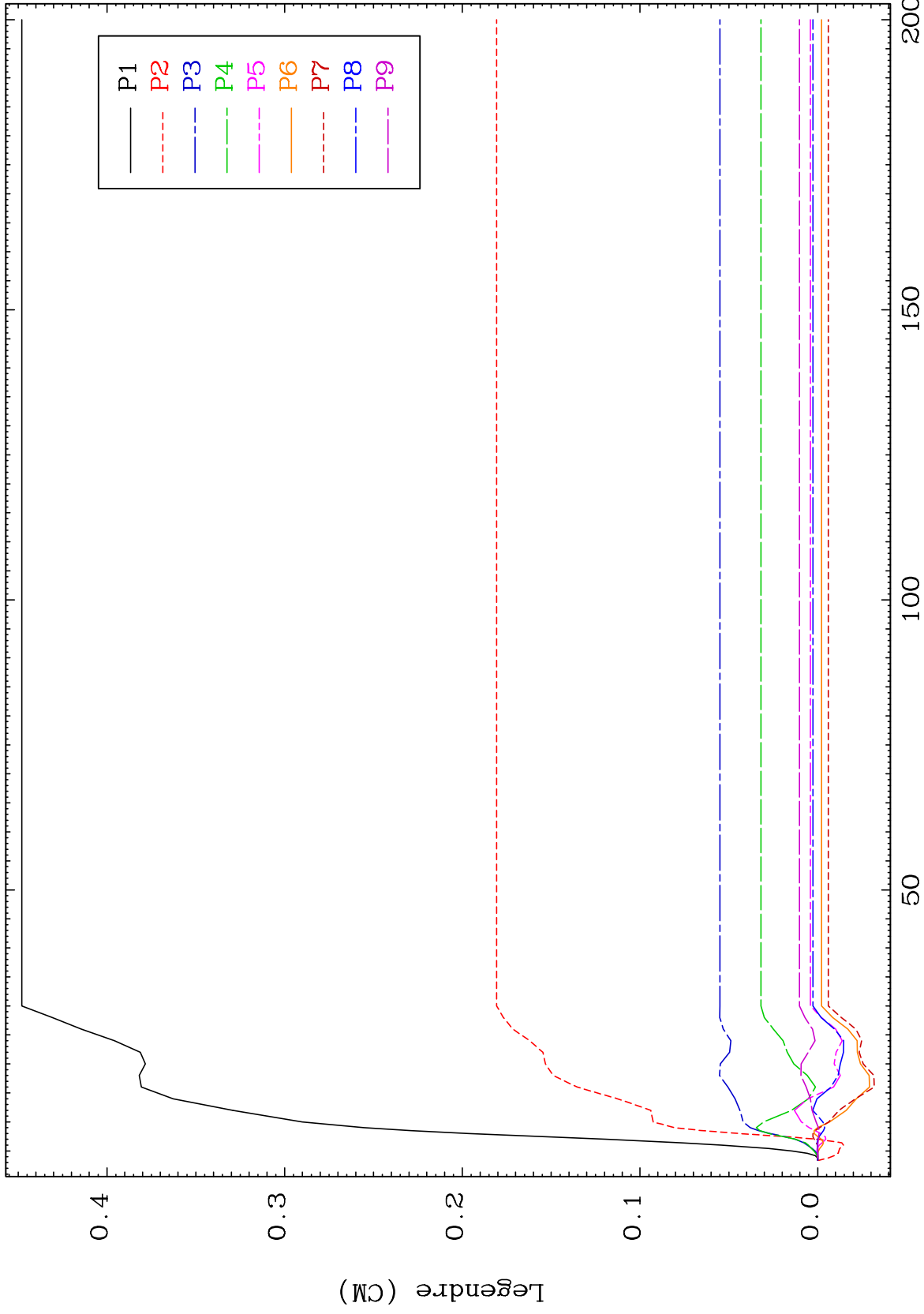


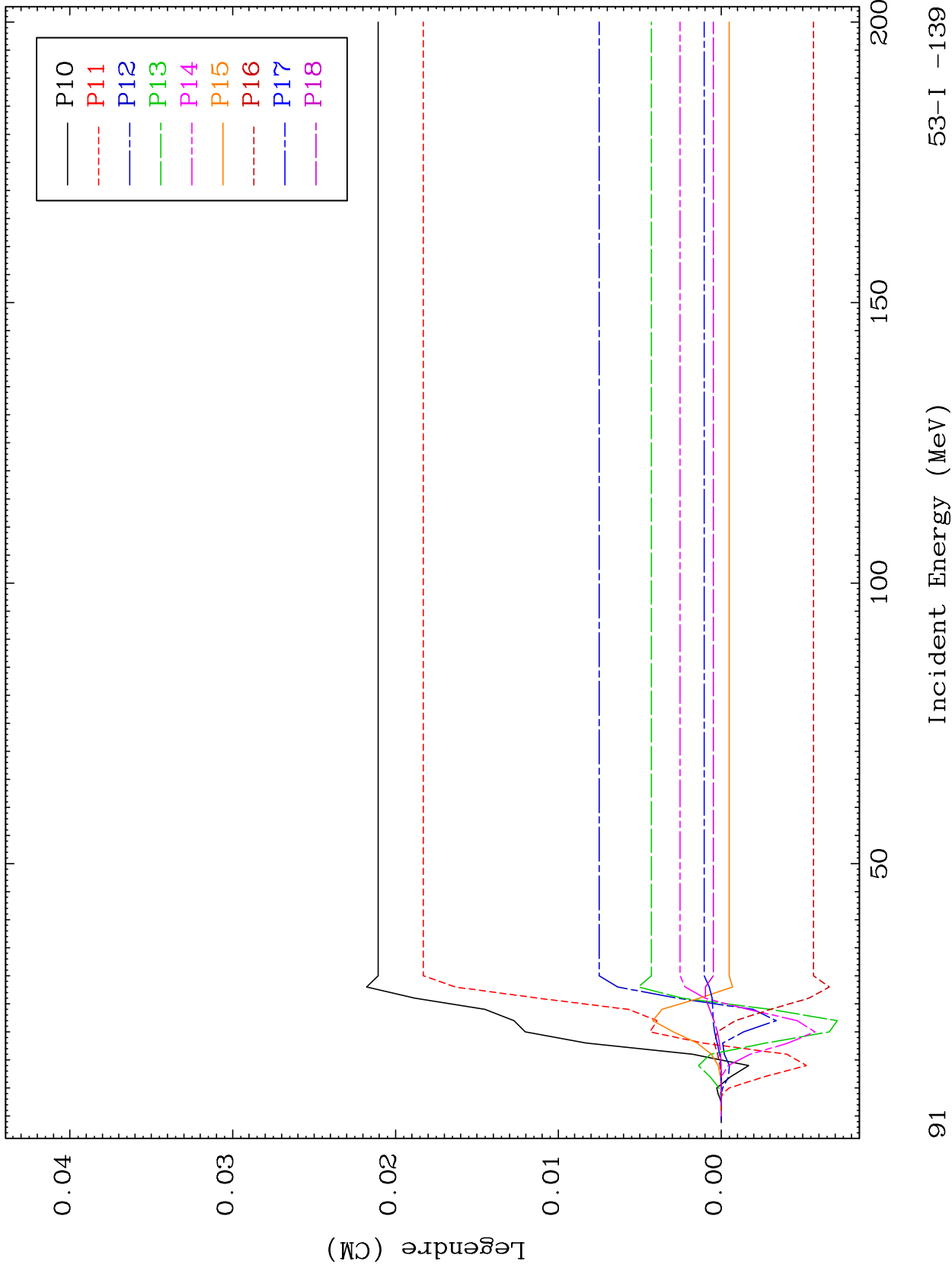


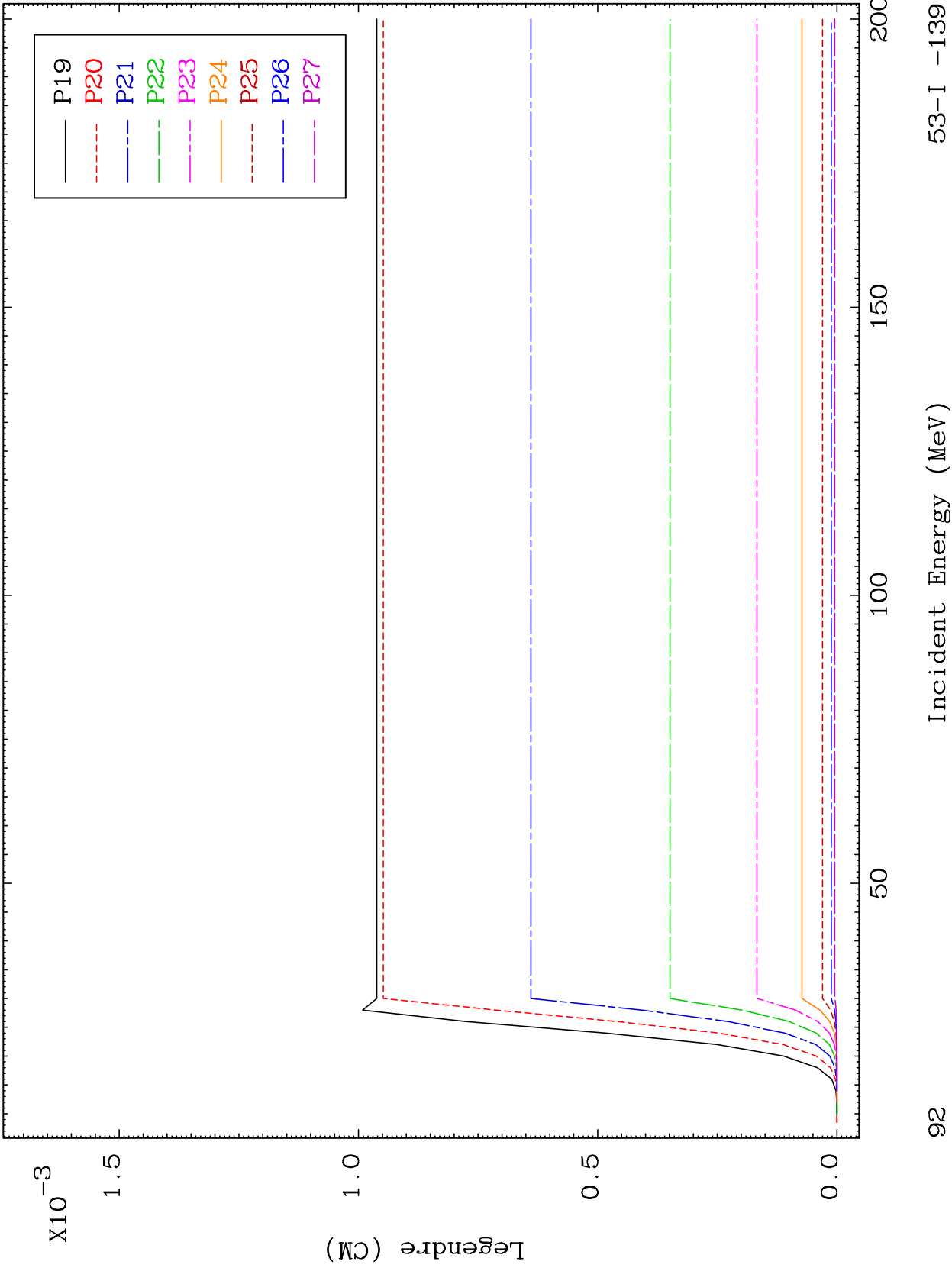








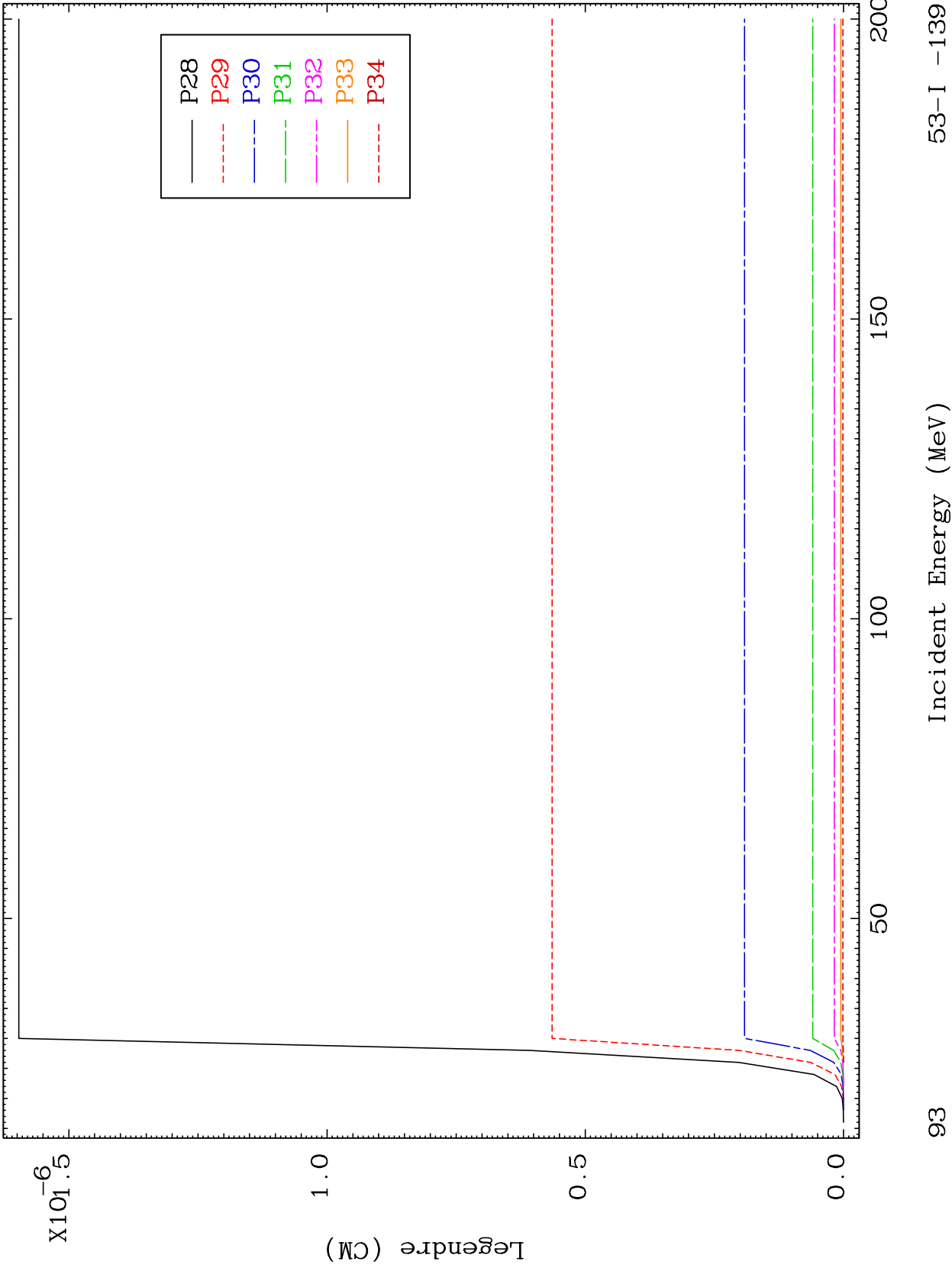


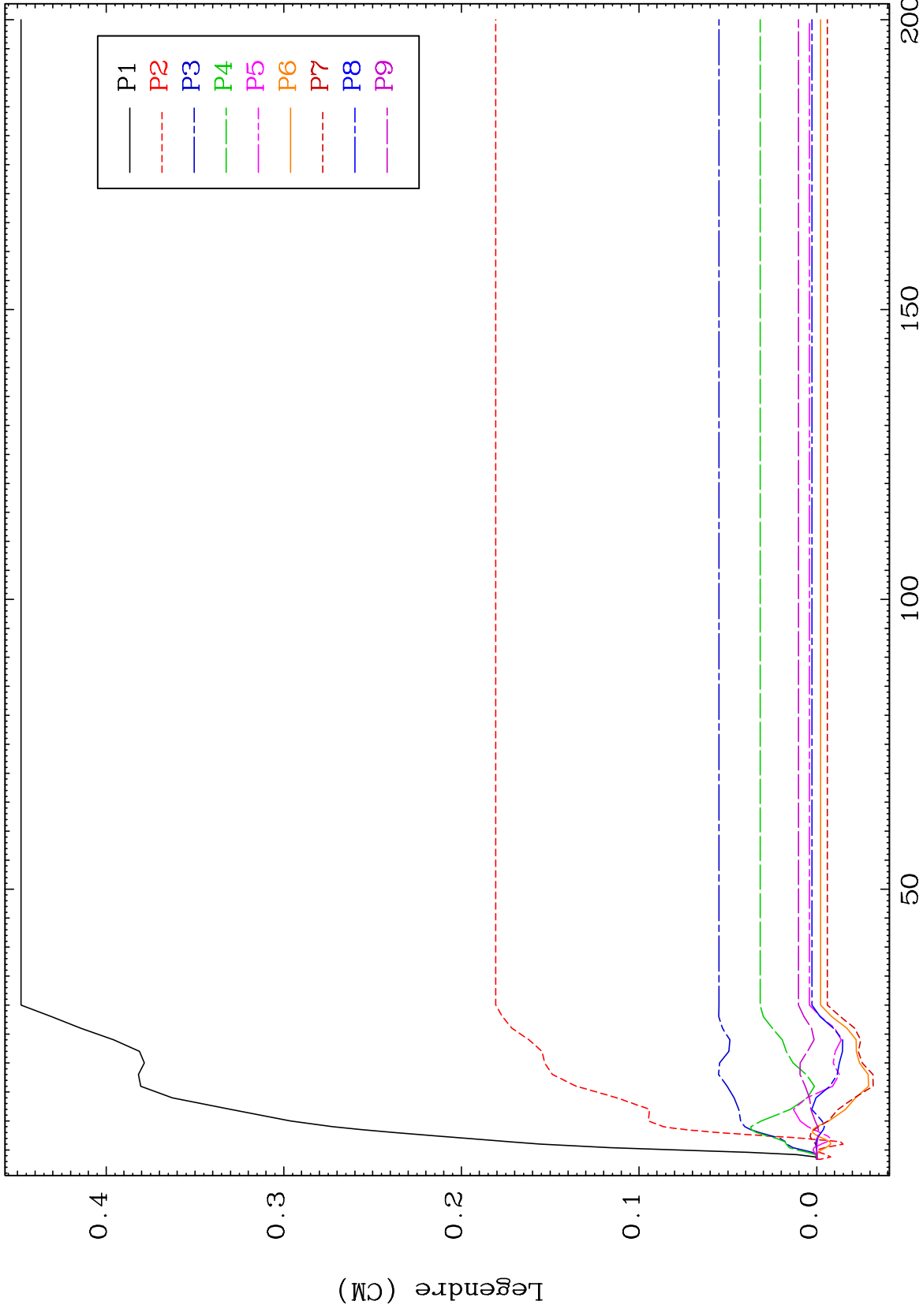


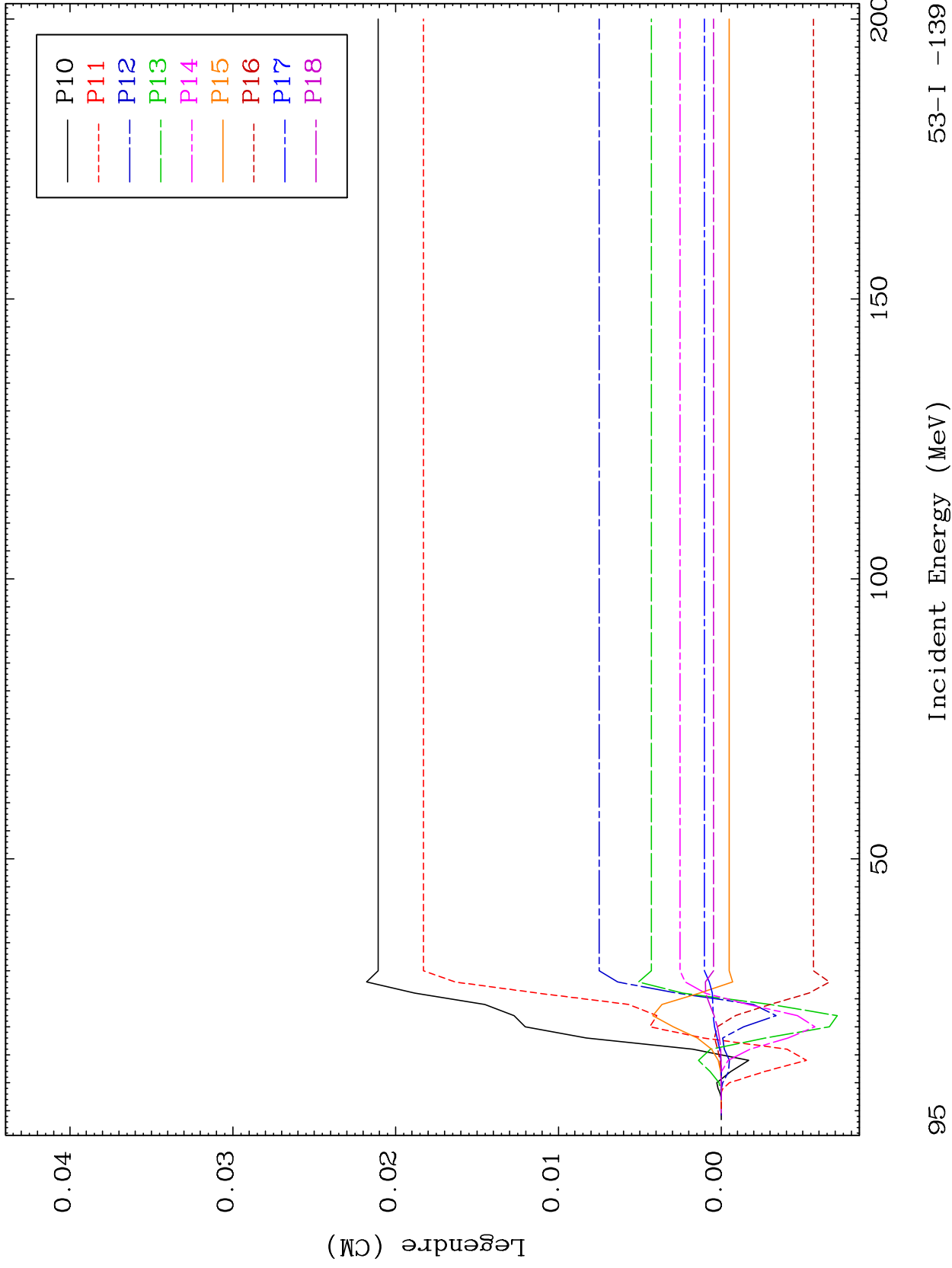
MAT 5361

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

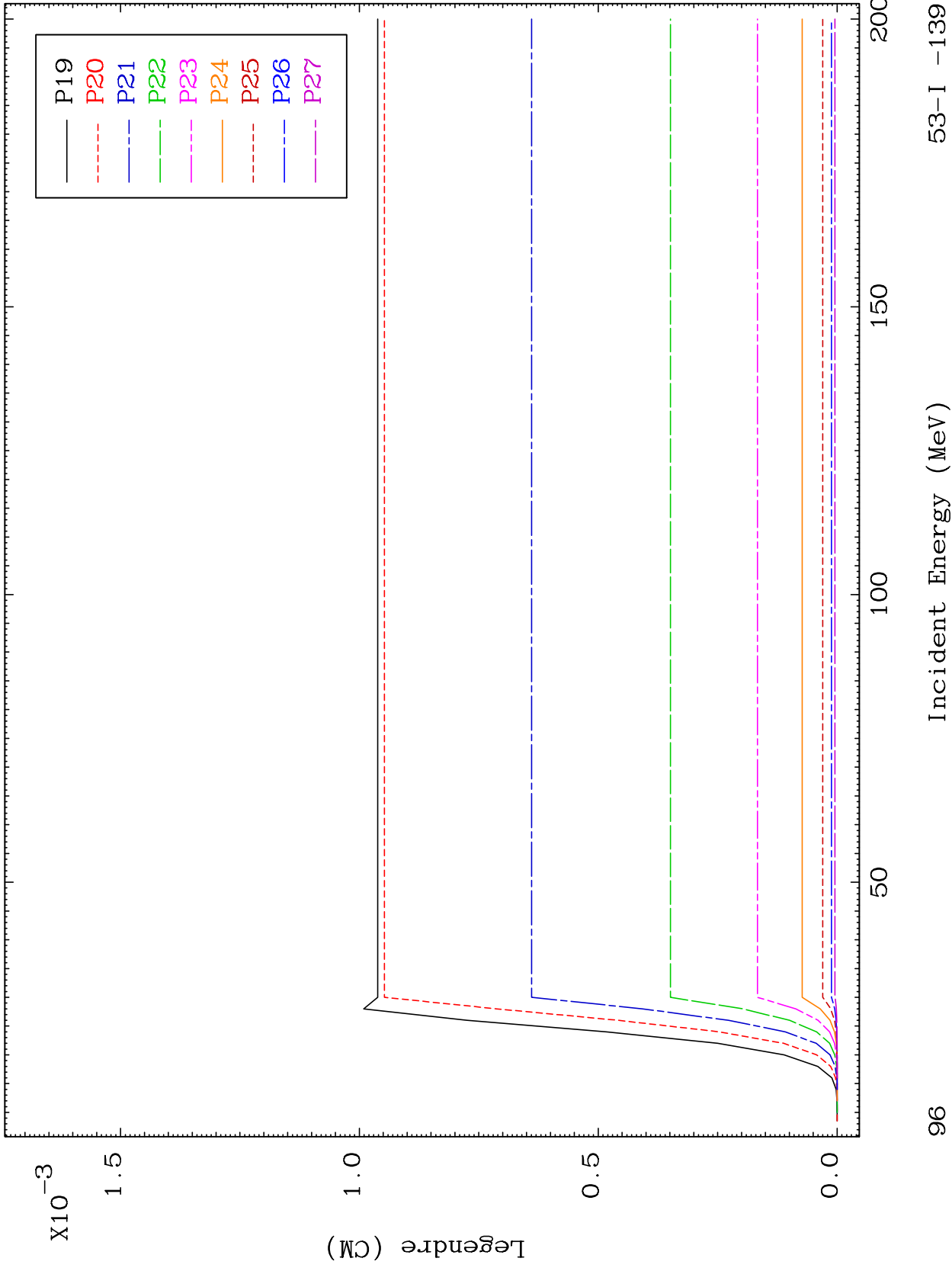
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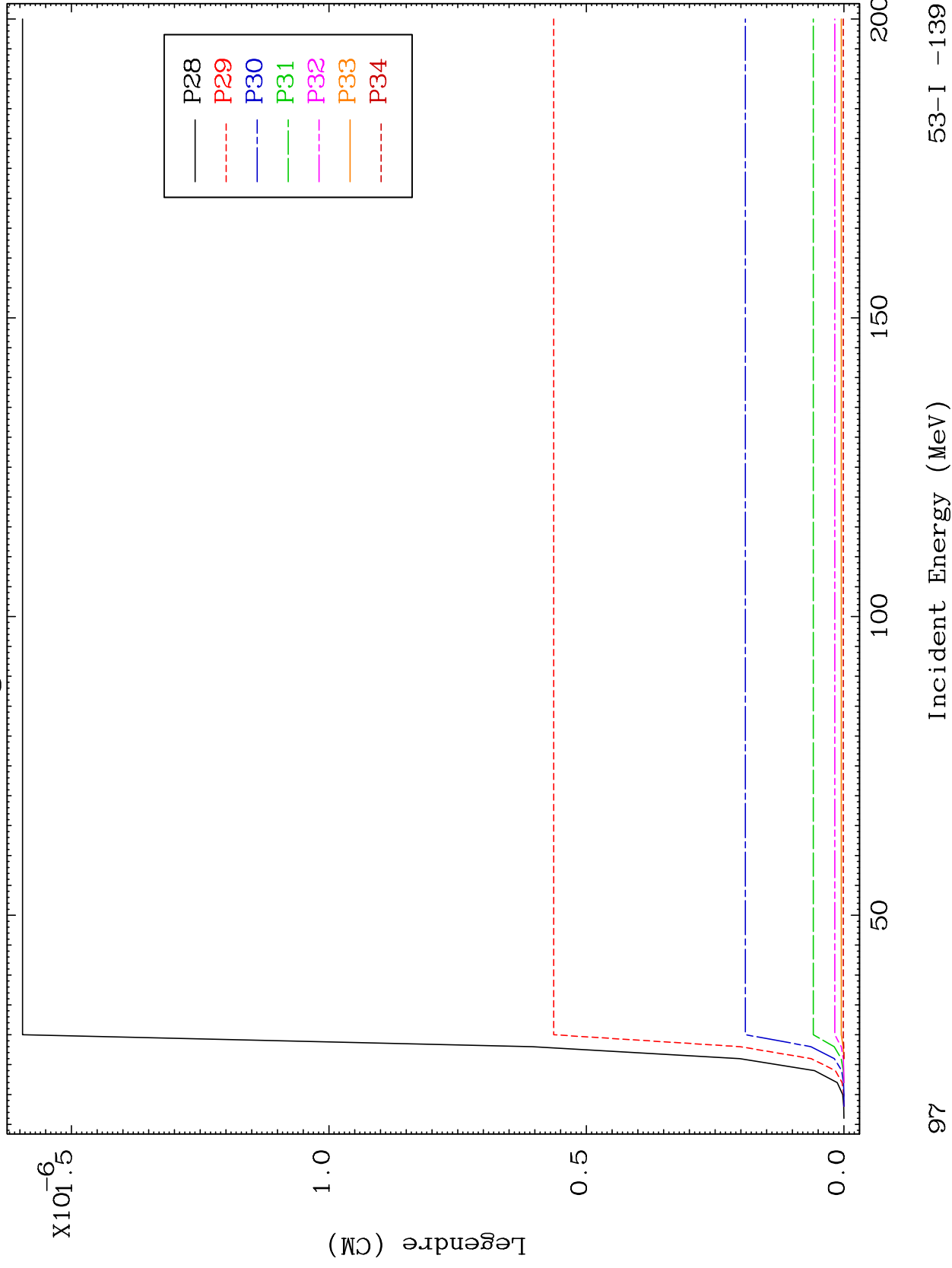


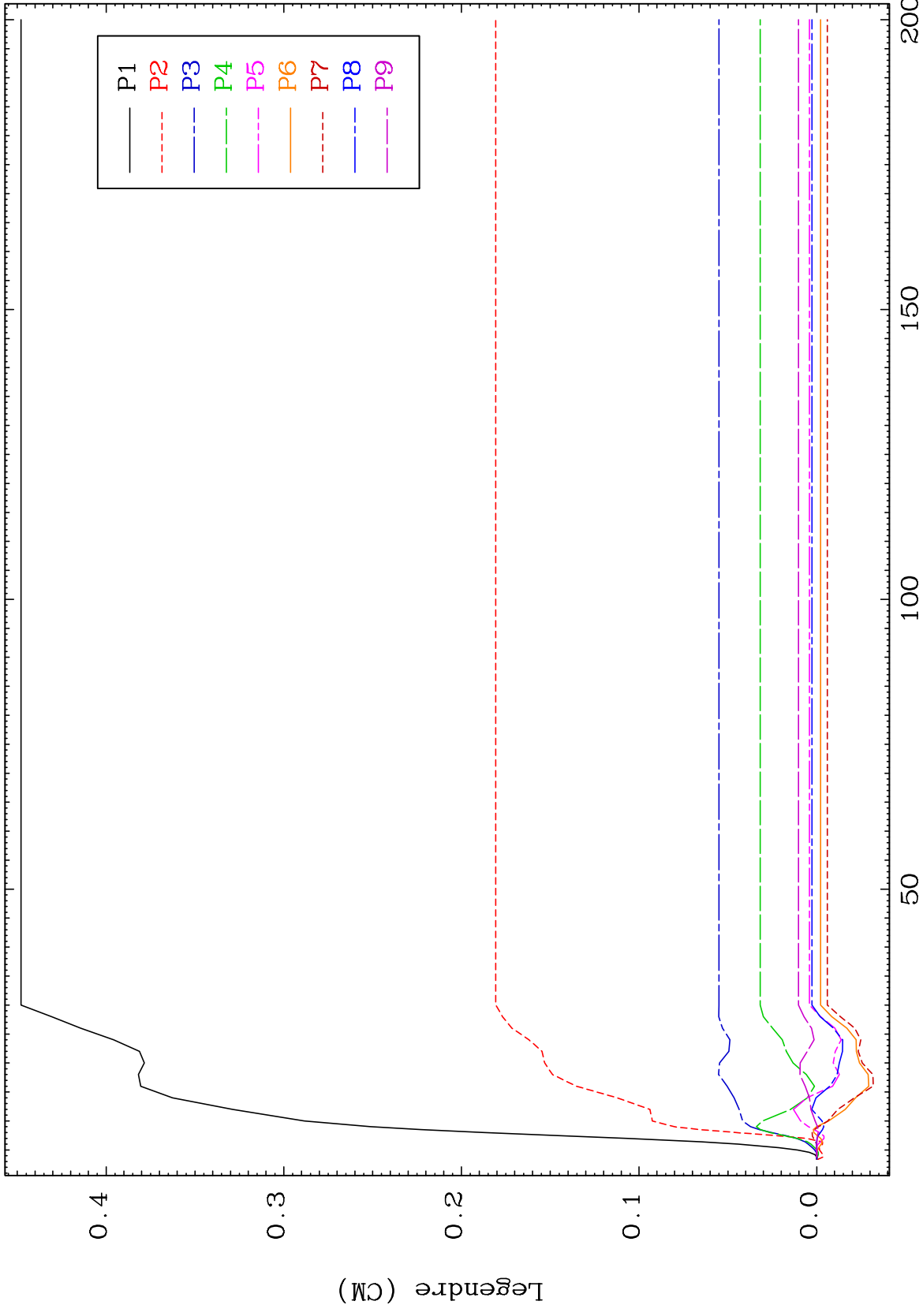


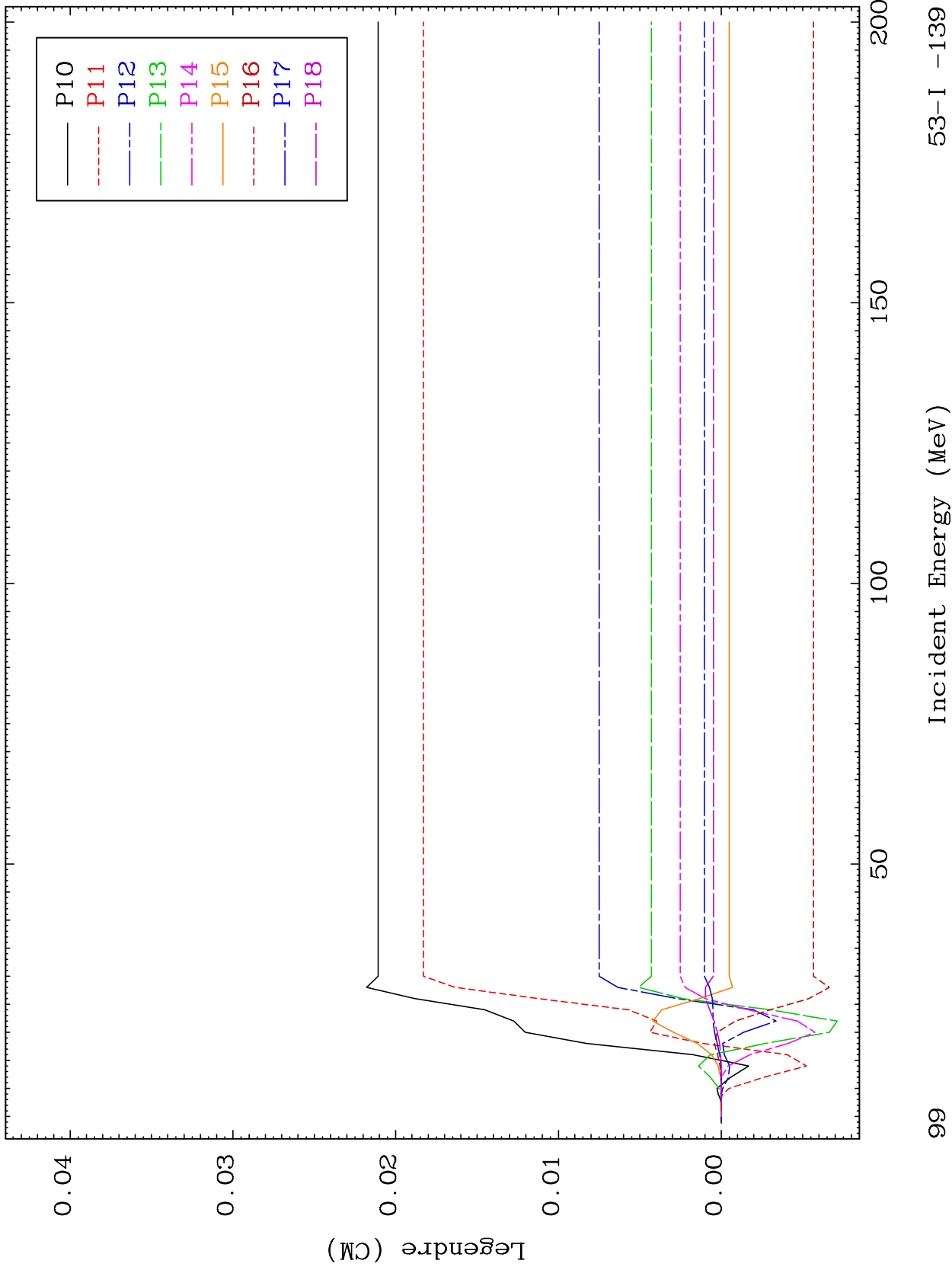
MAT 5361

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

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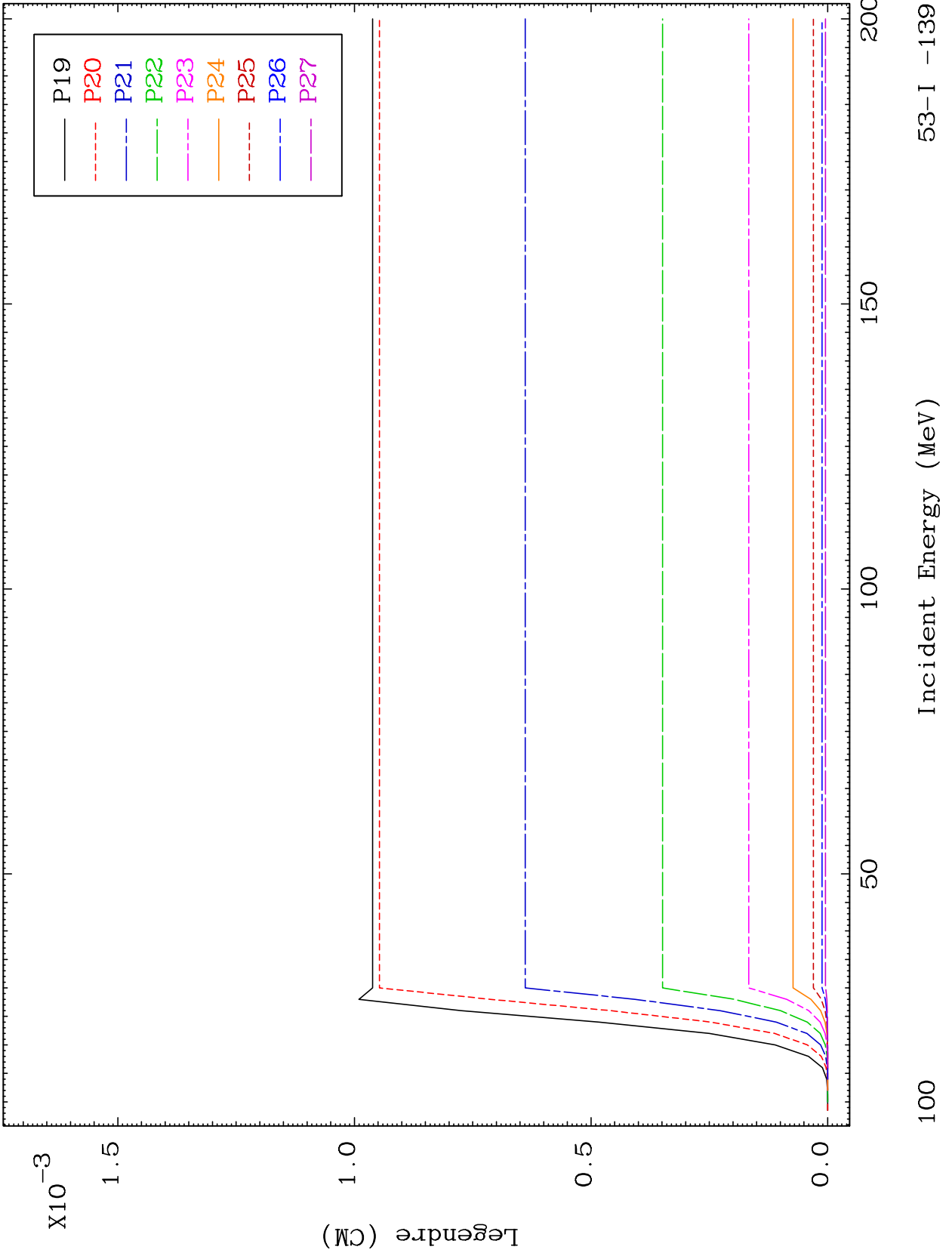




MAT 5361

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

53-I -139

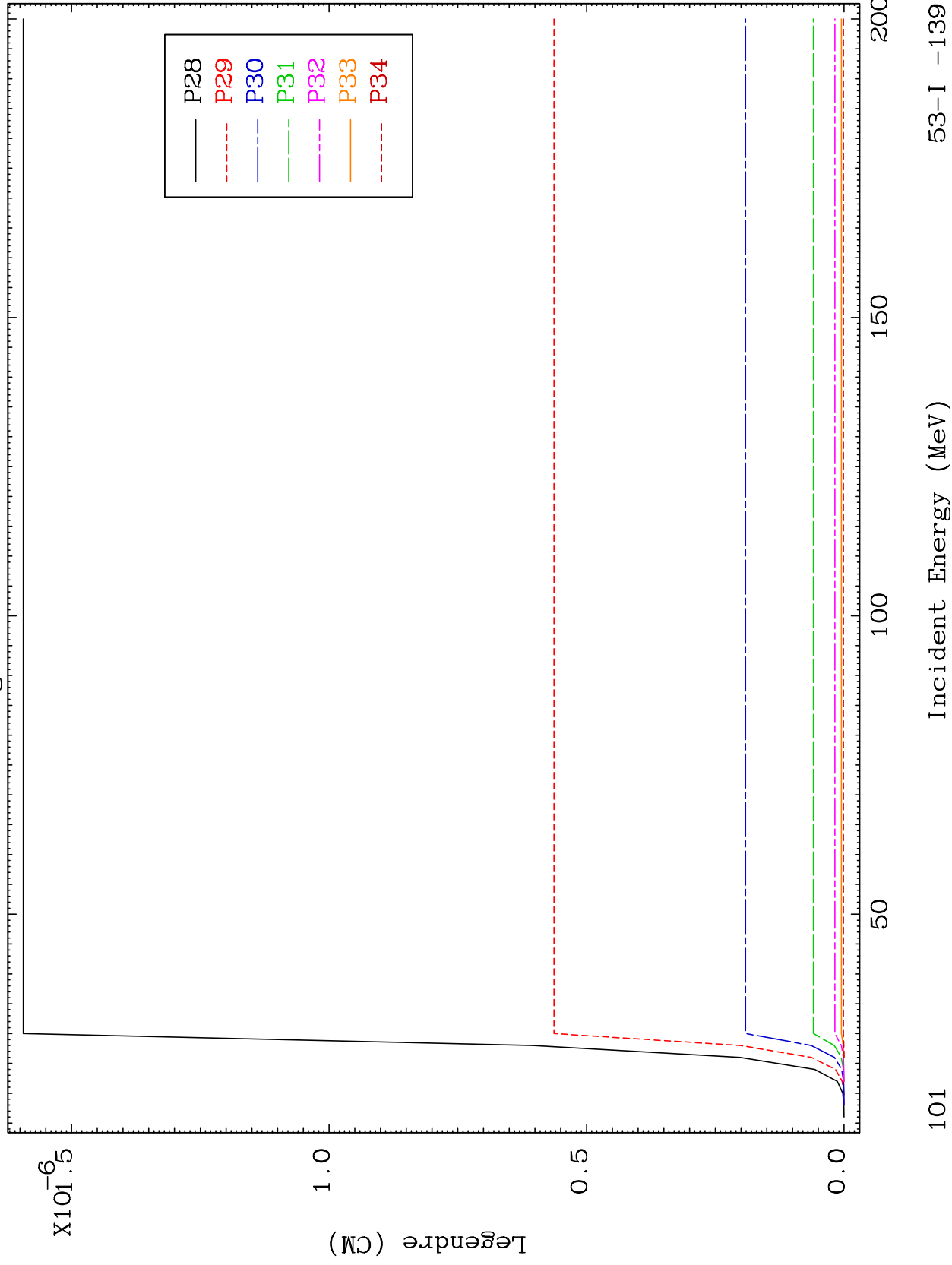


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MAT 5361

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

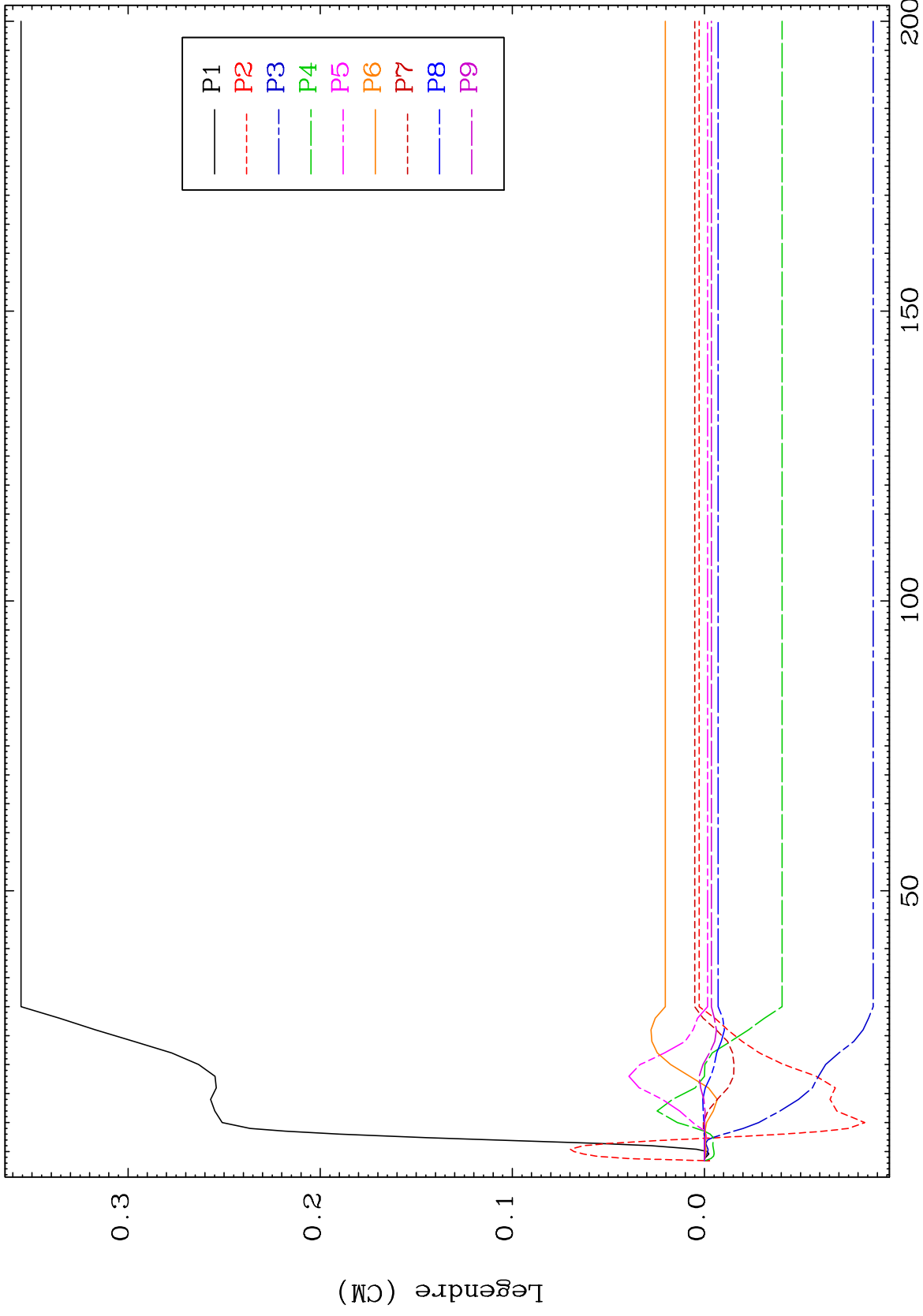
53-I -139

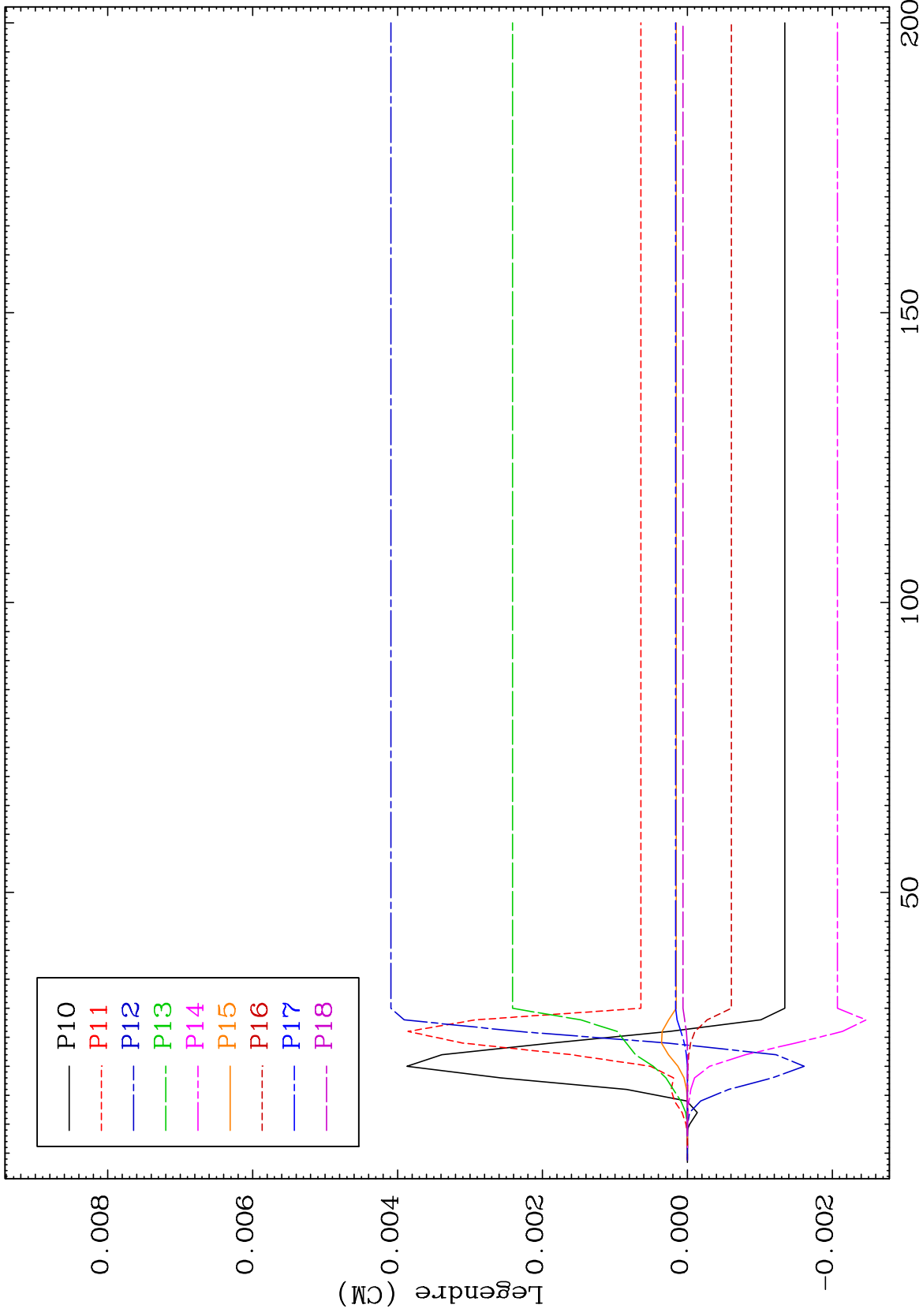


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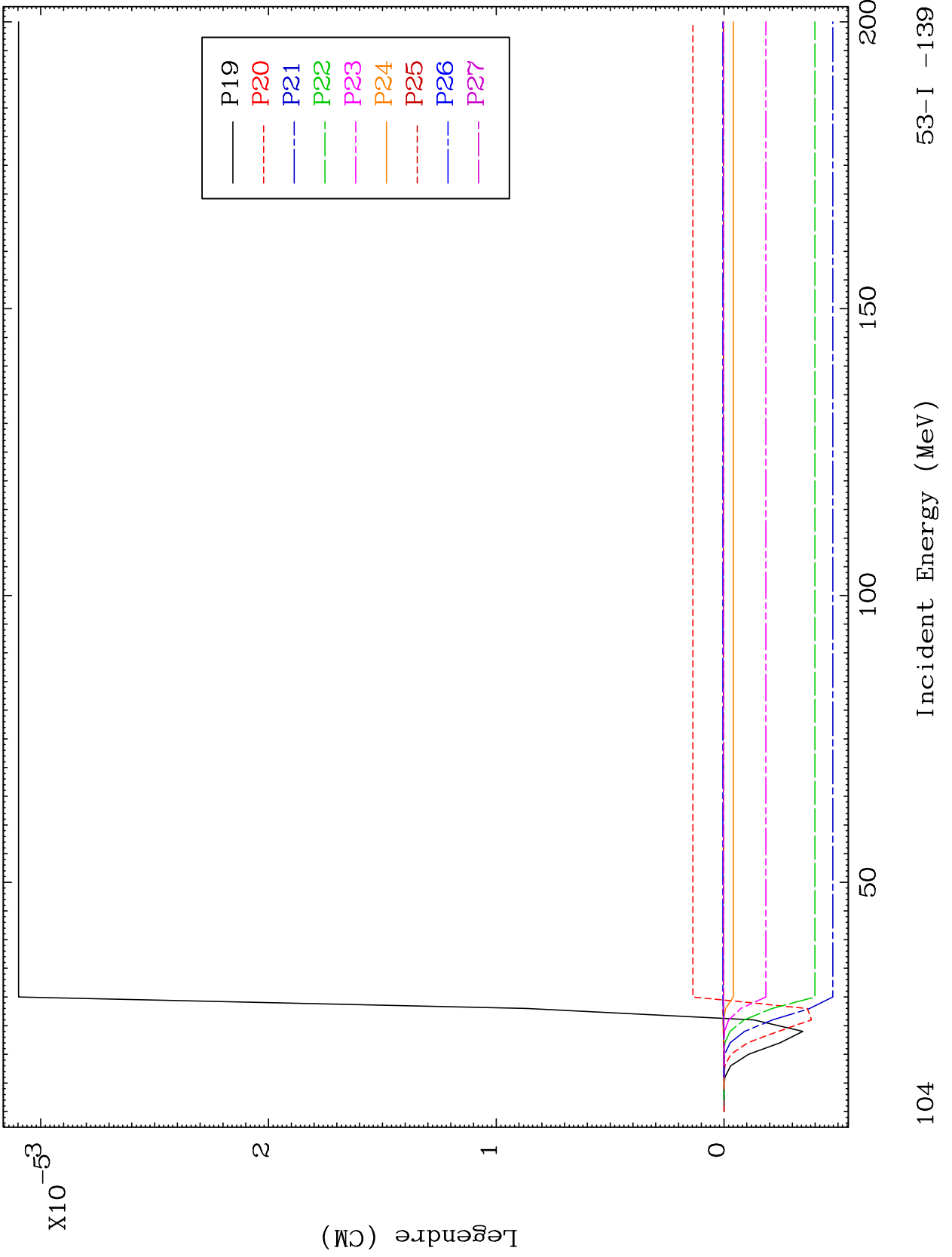
Incident Energy (MeV)

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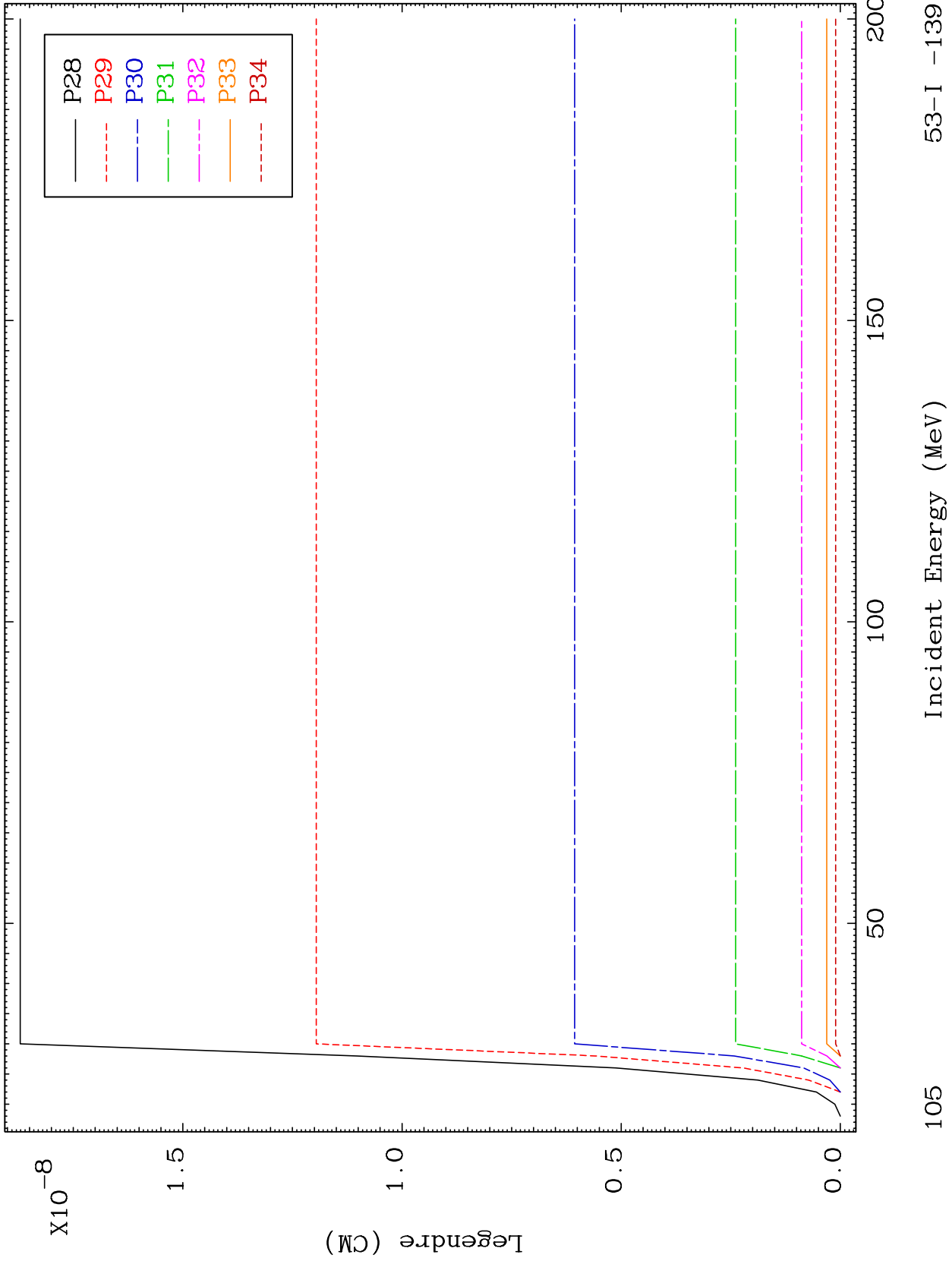




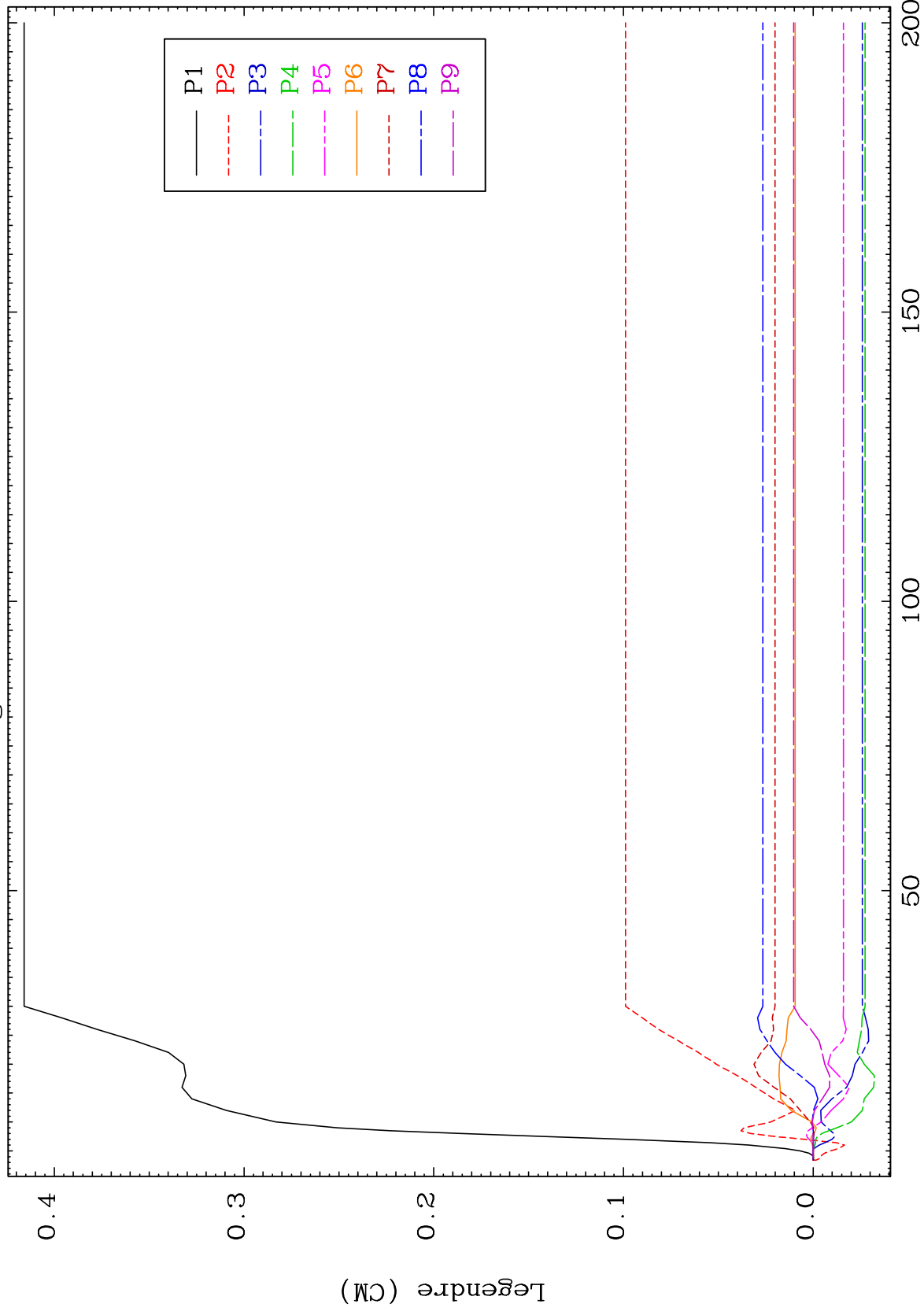
MAT 5361

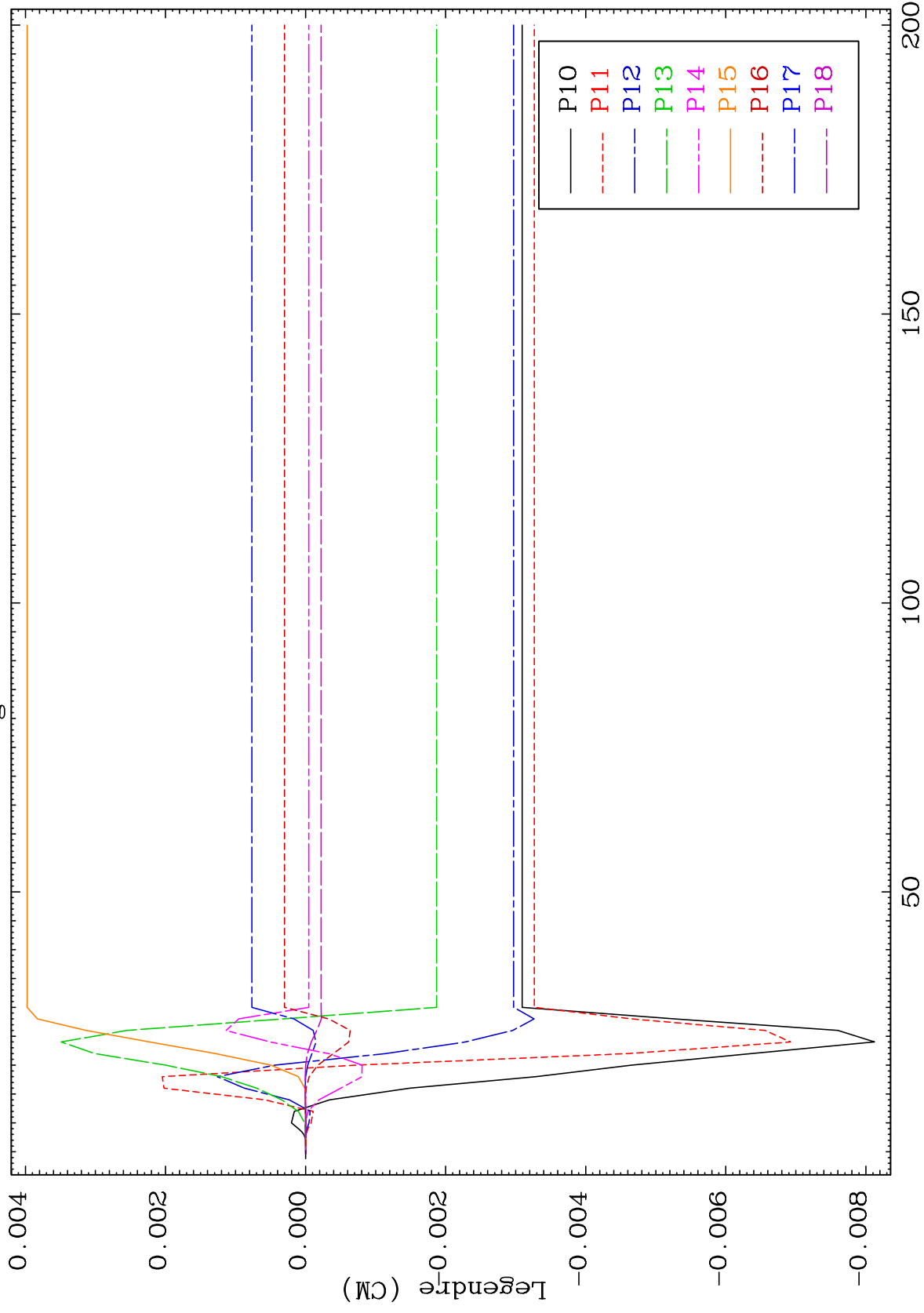
MT= 72 (n,n') Level  
Legendre Coefficients

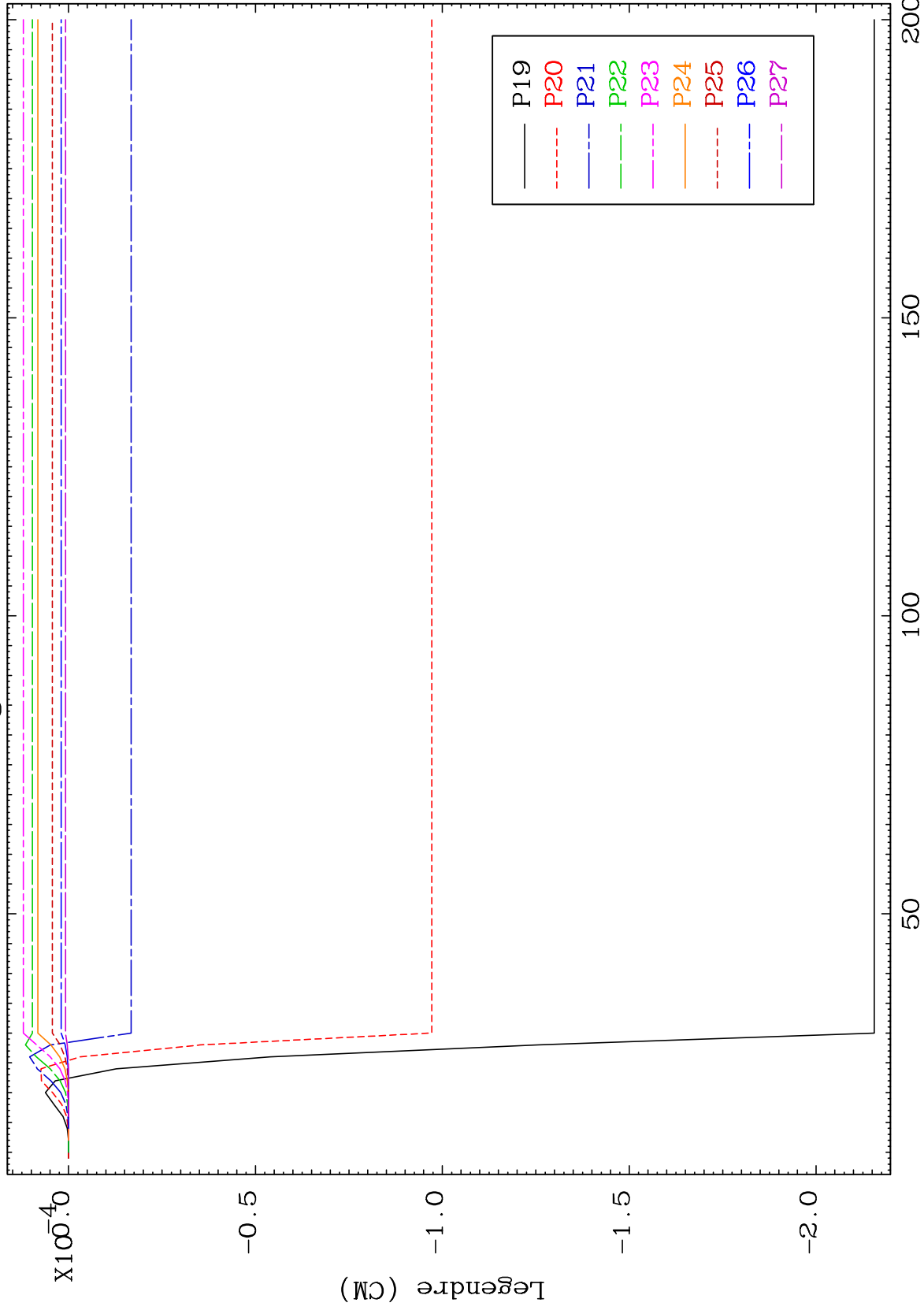
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53-I -139



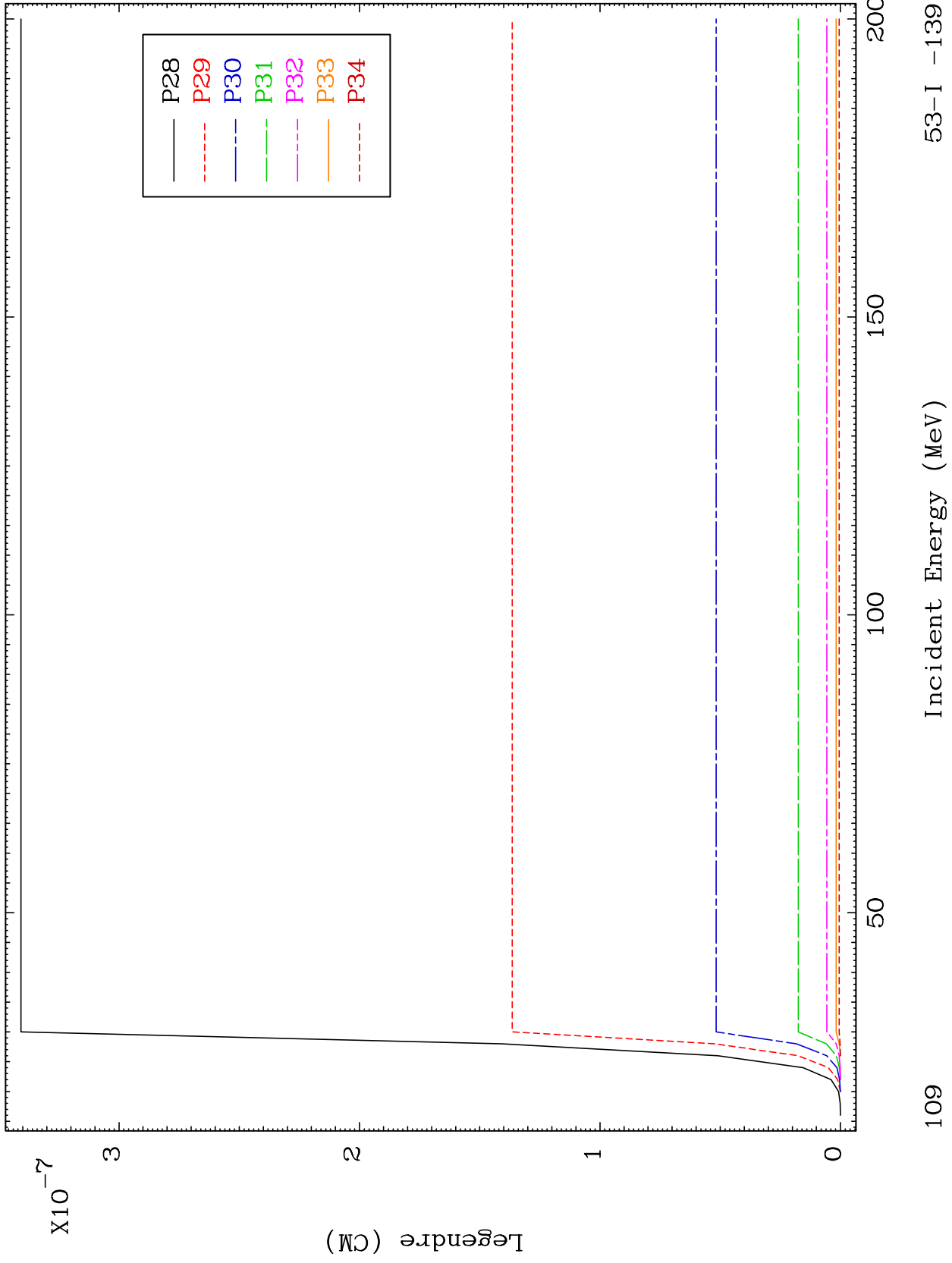




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MT= 73 (n,n') Level  
Legendre Coefficients

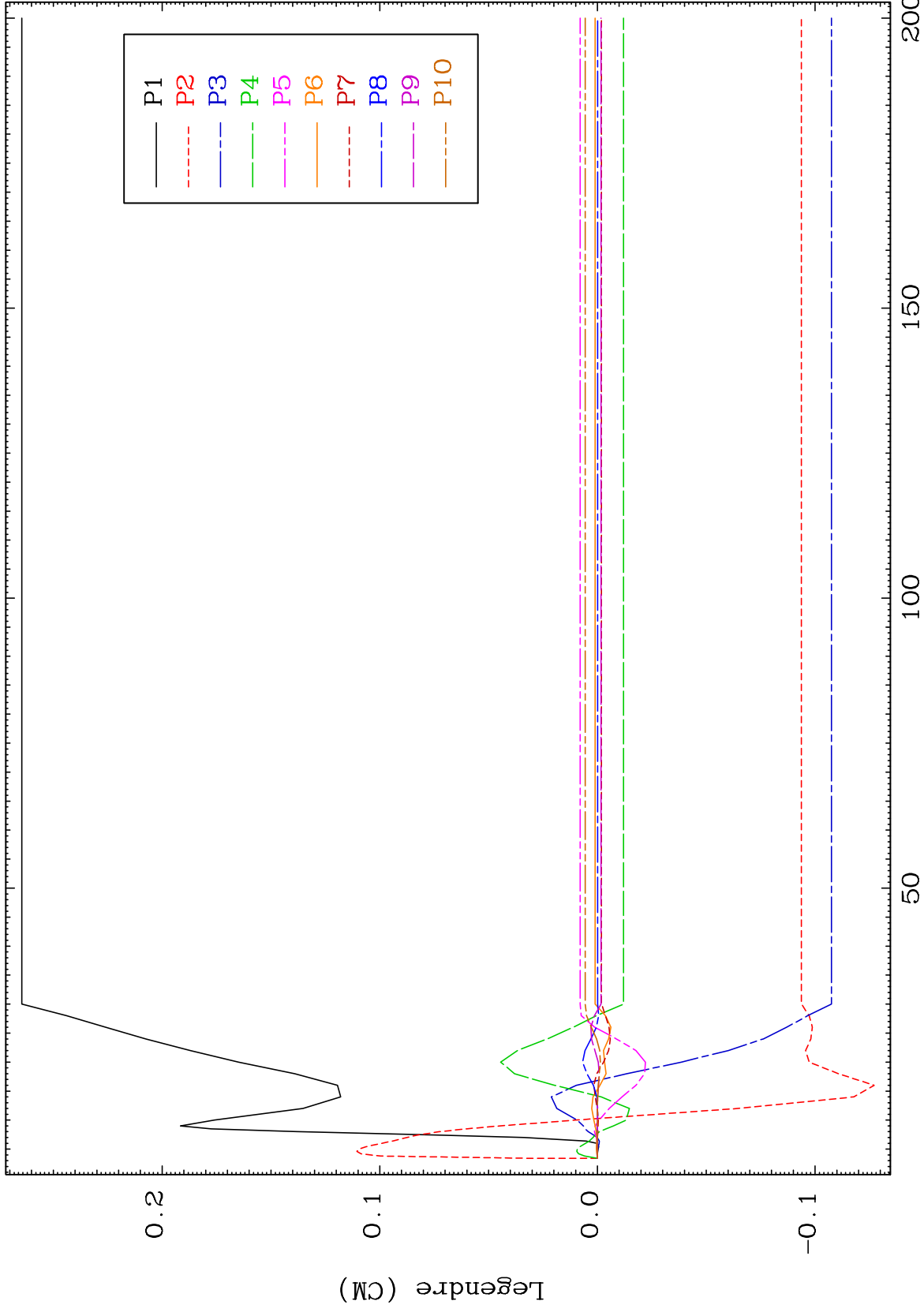
53-I -139

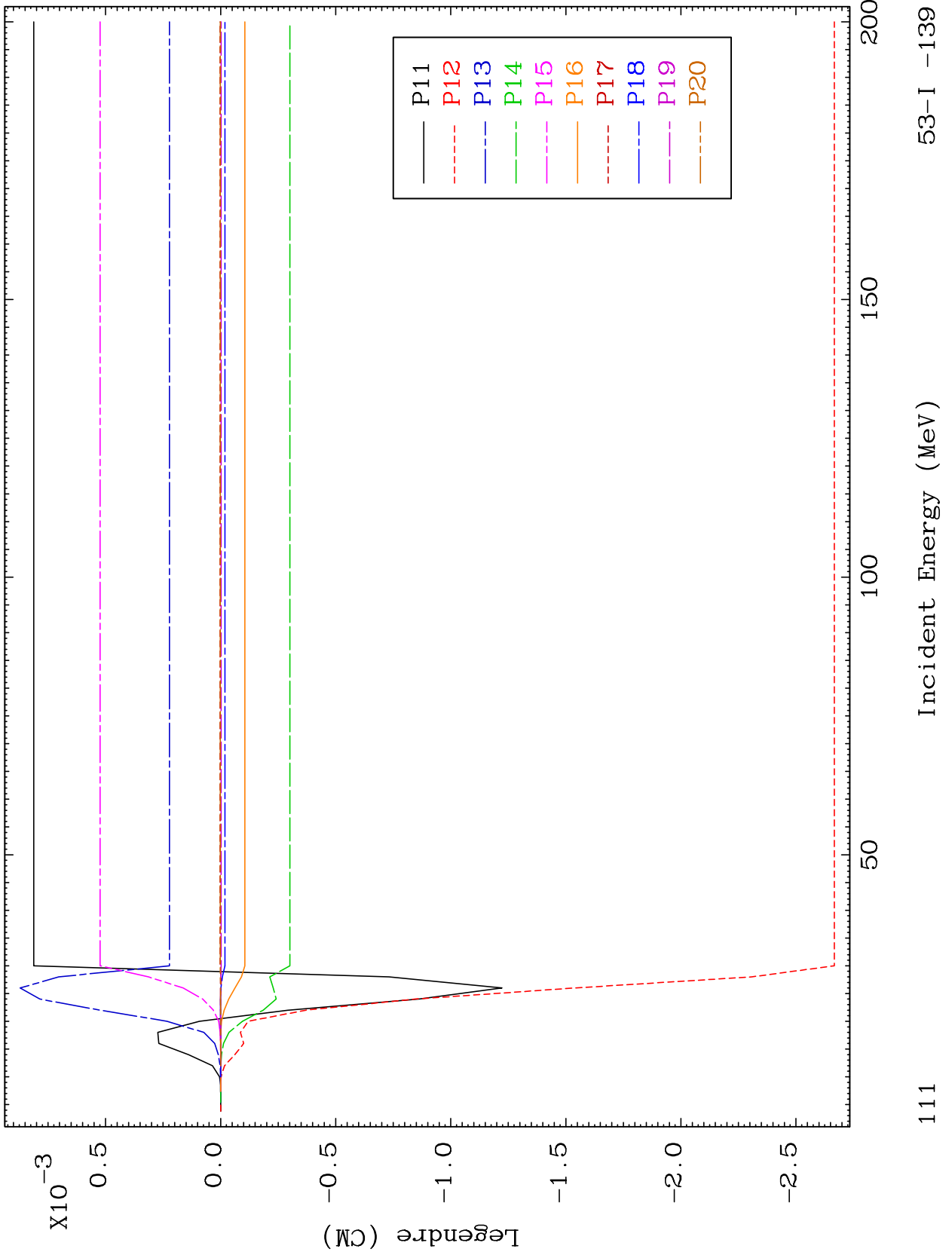


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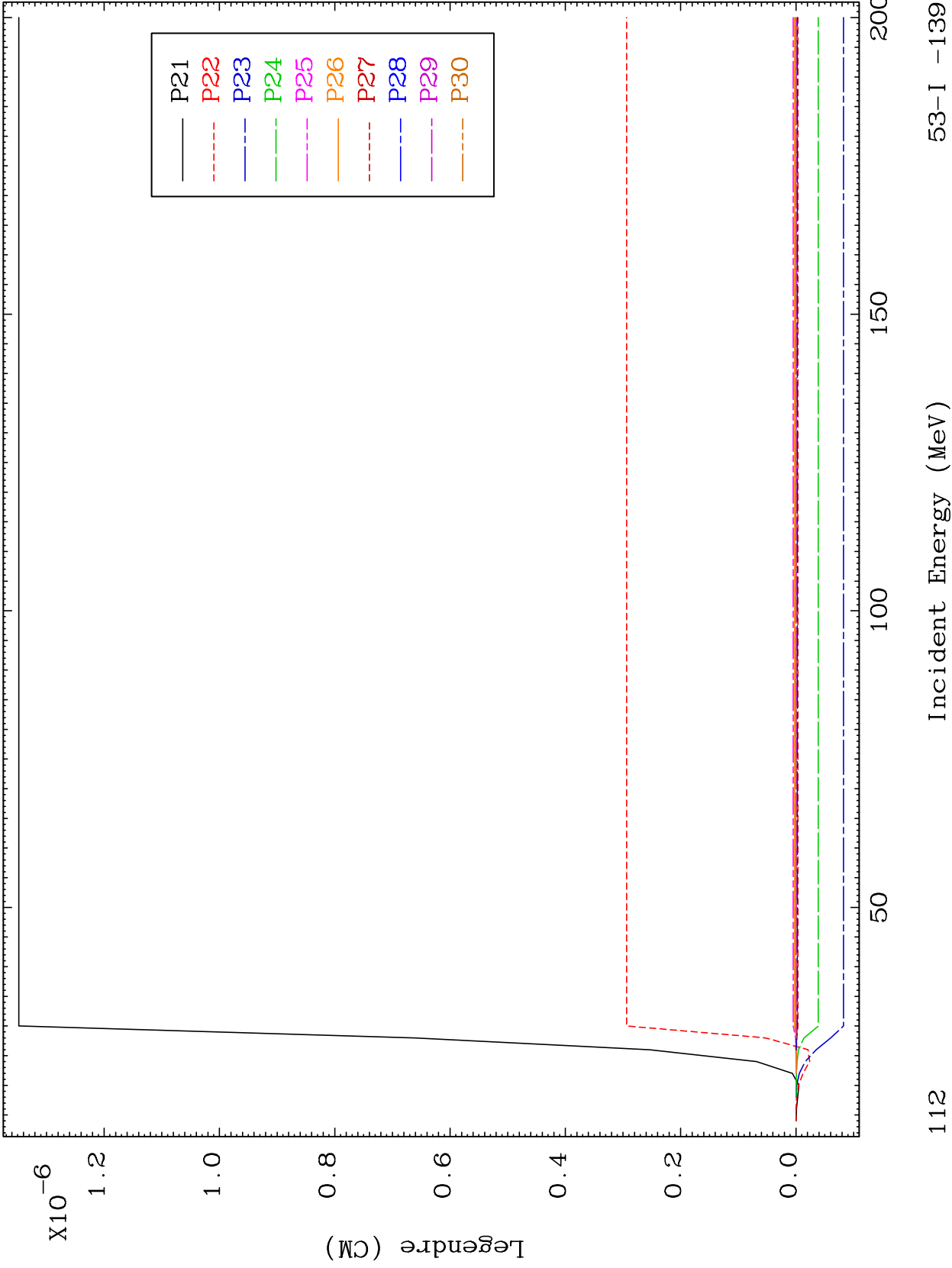
Incident Energy (MeV)

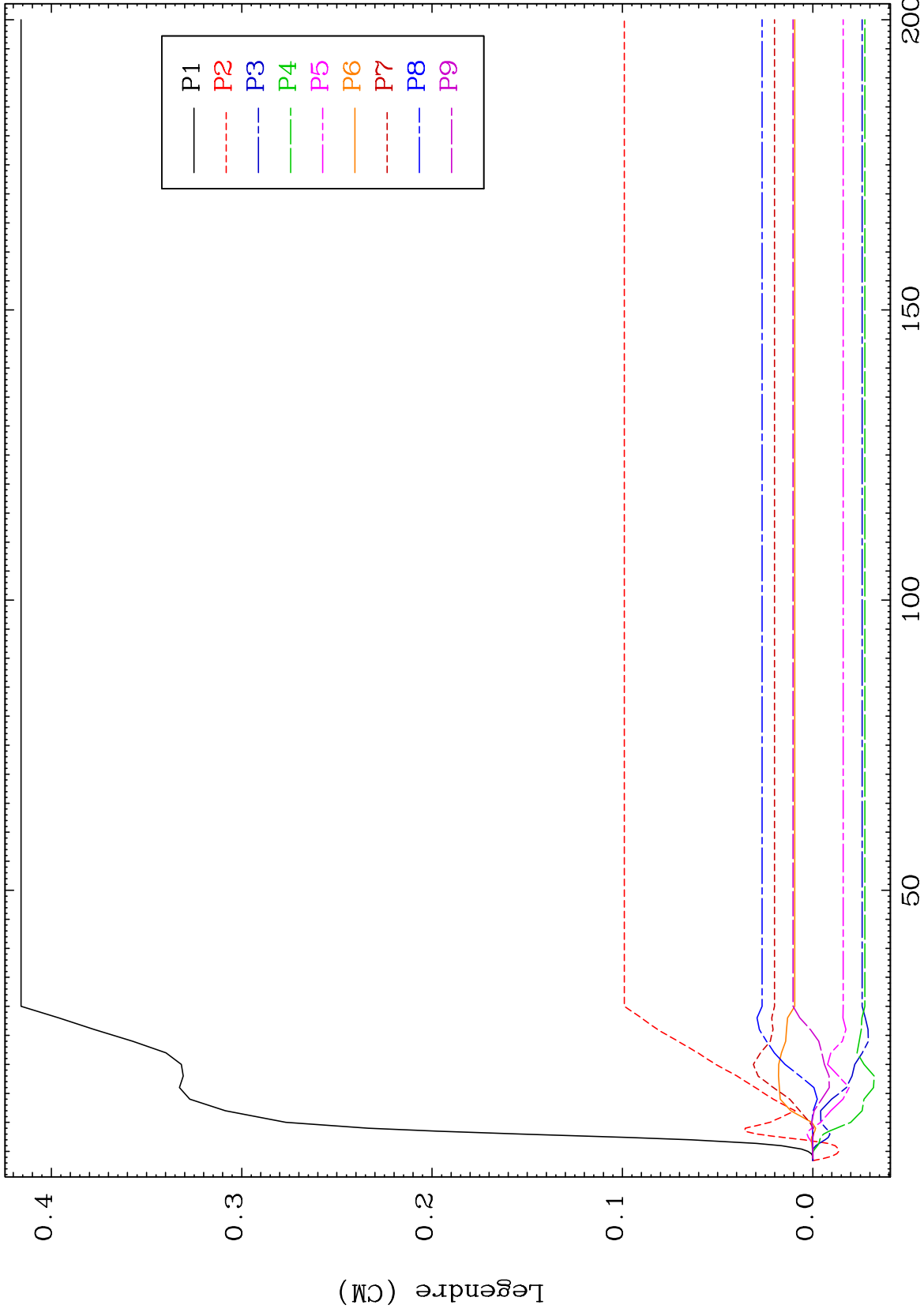
53-I -139

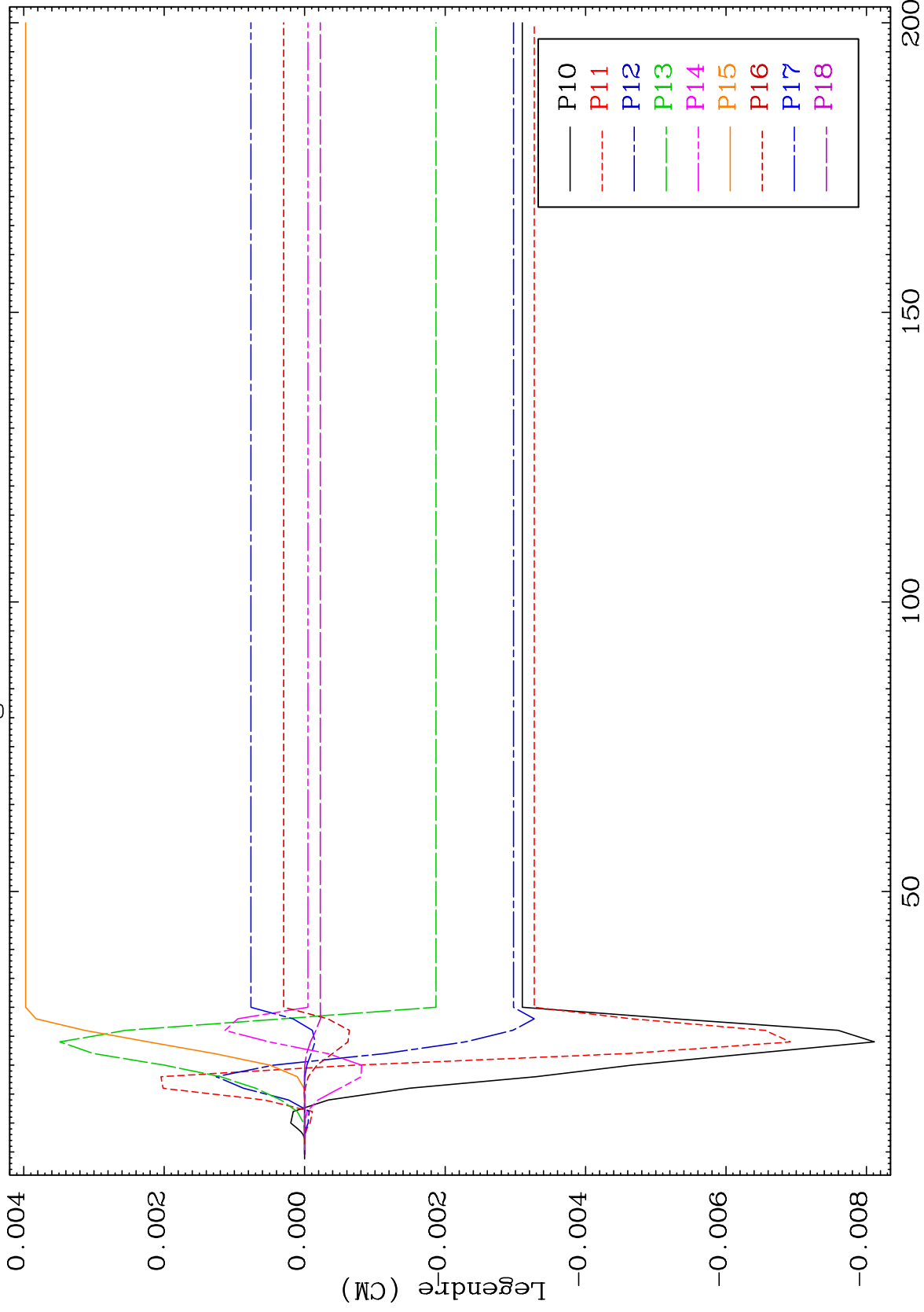








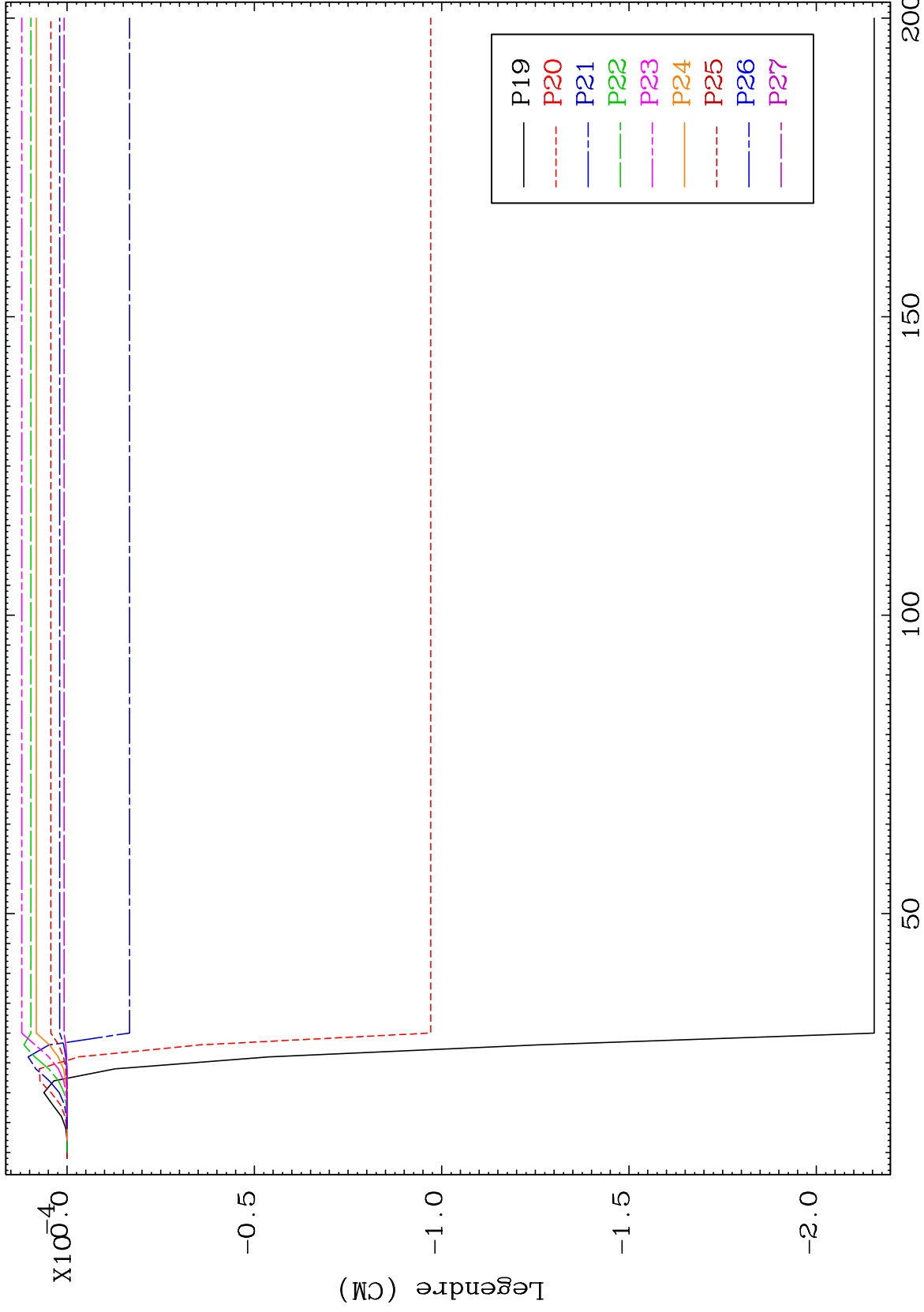




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MT= 75 (n,n') Level  
Legendre Coefficients

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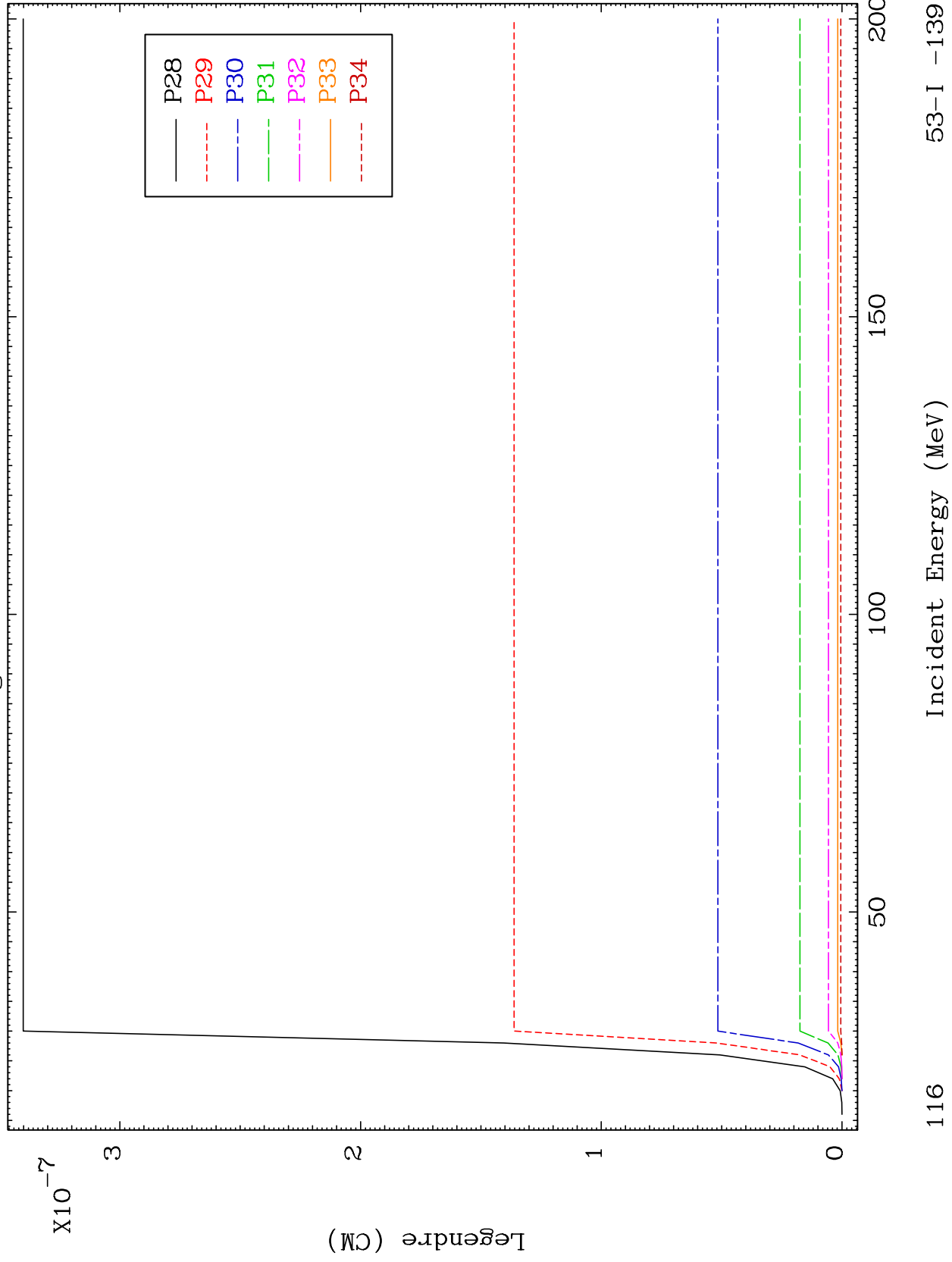
Incident Energy (MeV)

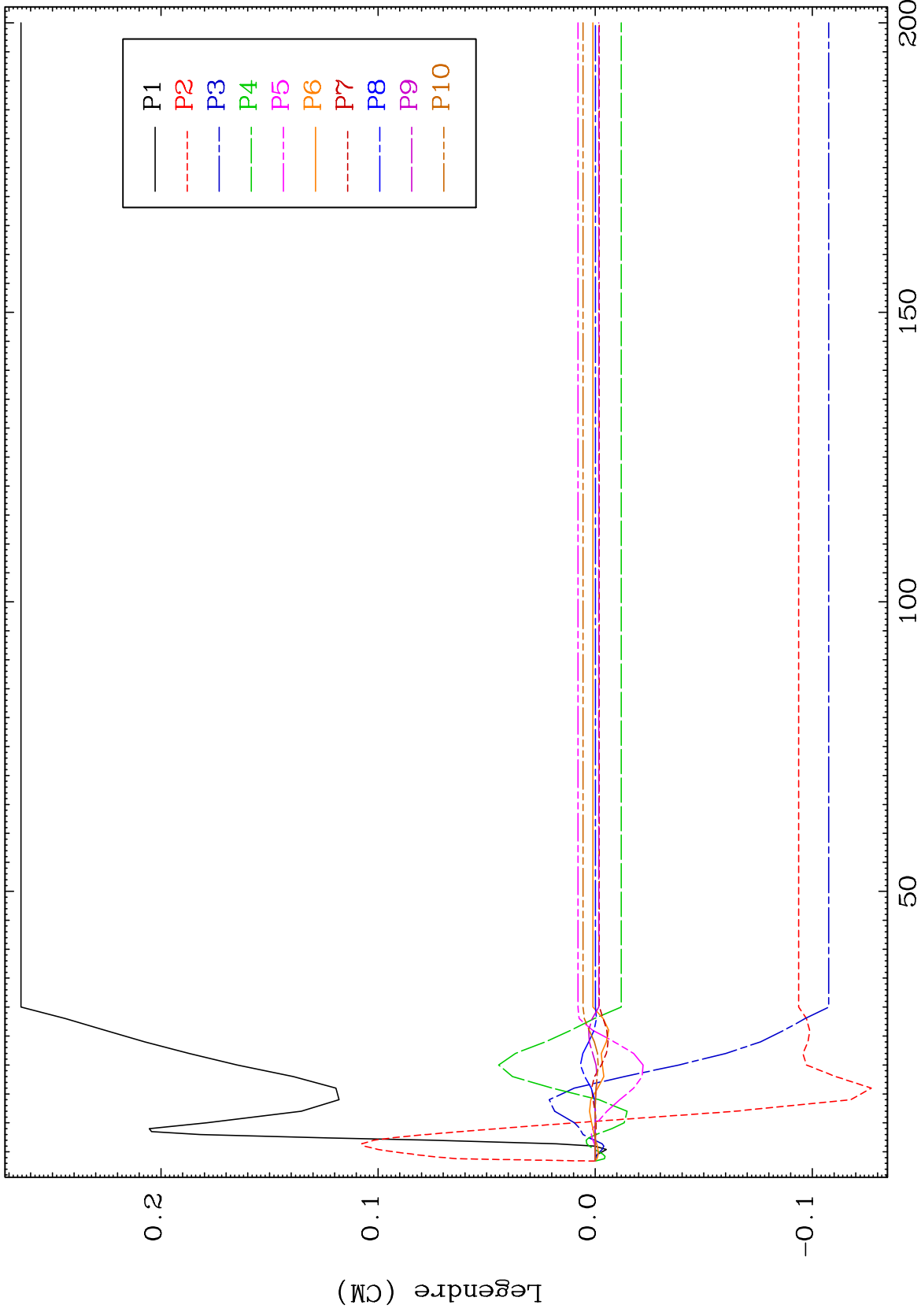
53-I -139

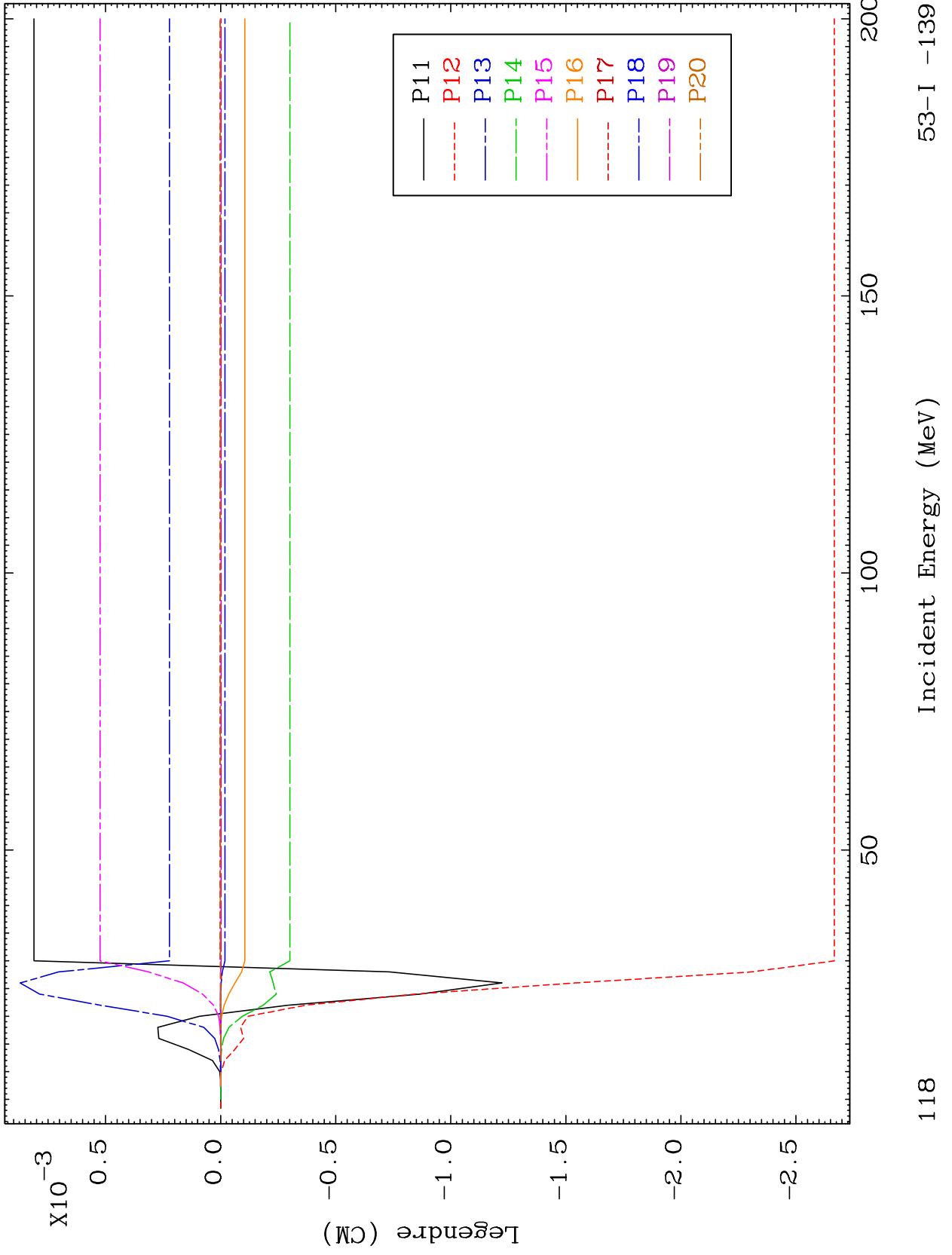
MAT 5361

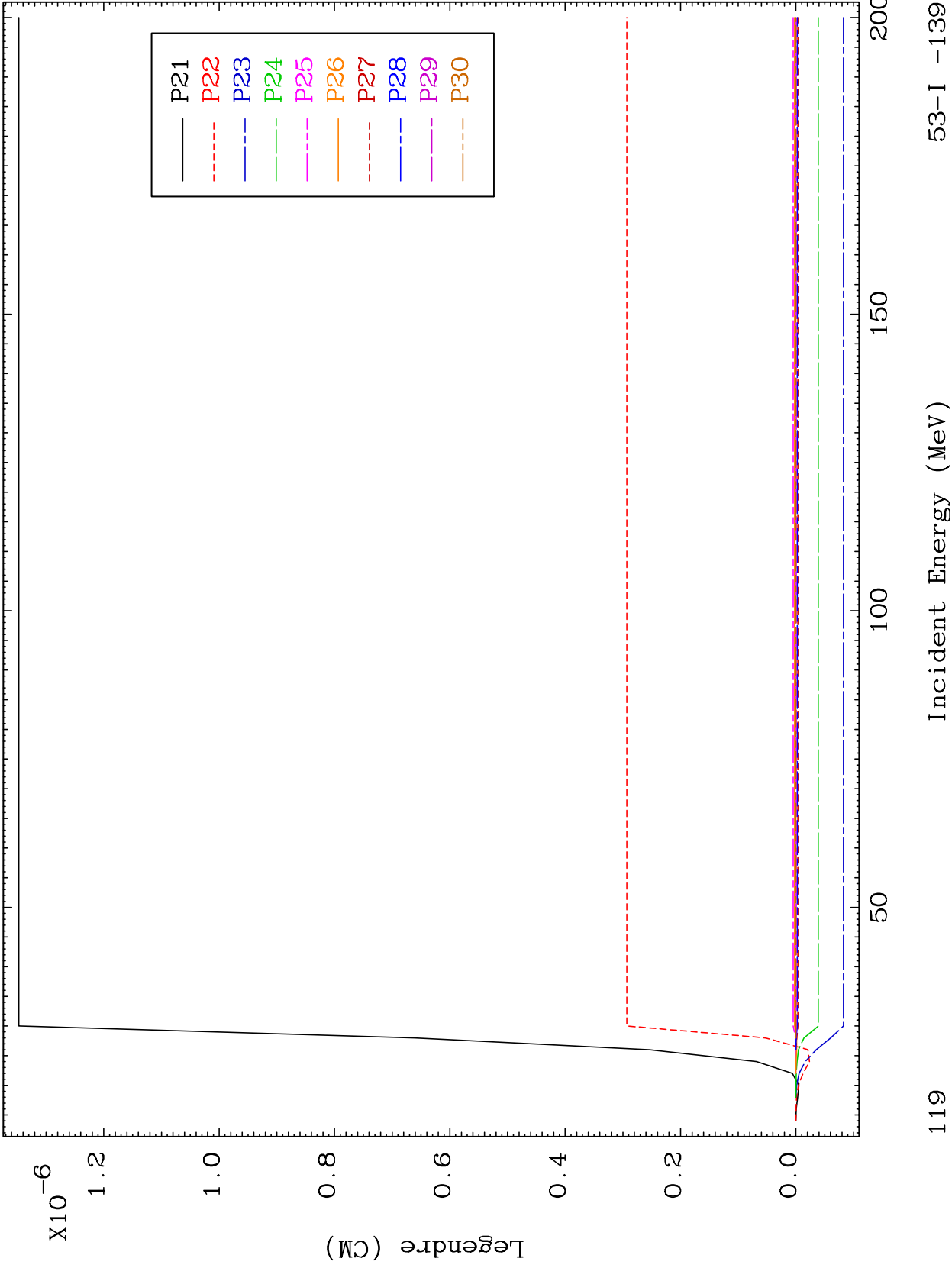
MT= 75 (n,n') Level  
Legendre Coefficients

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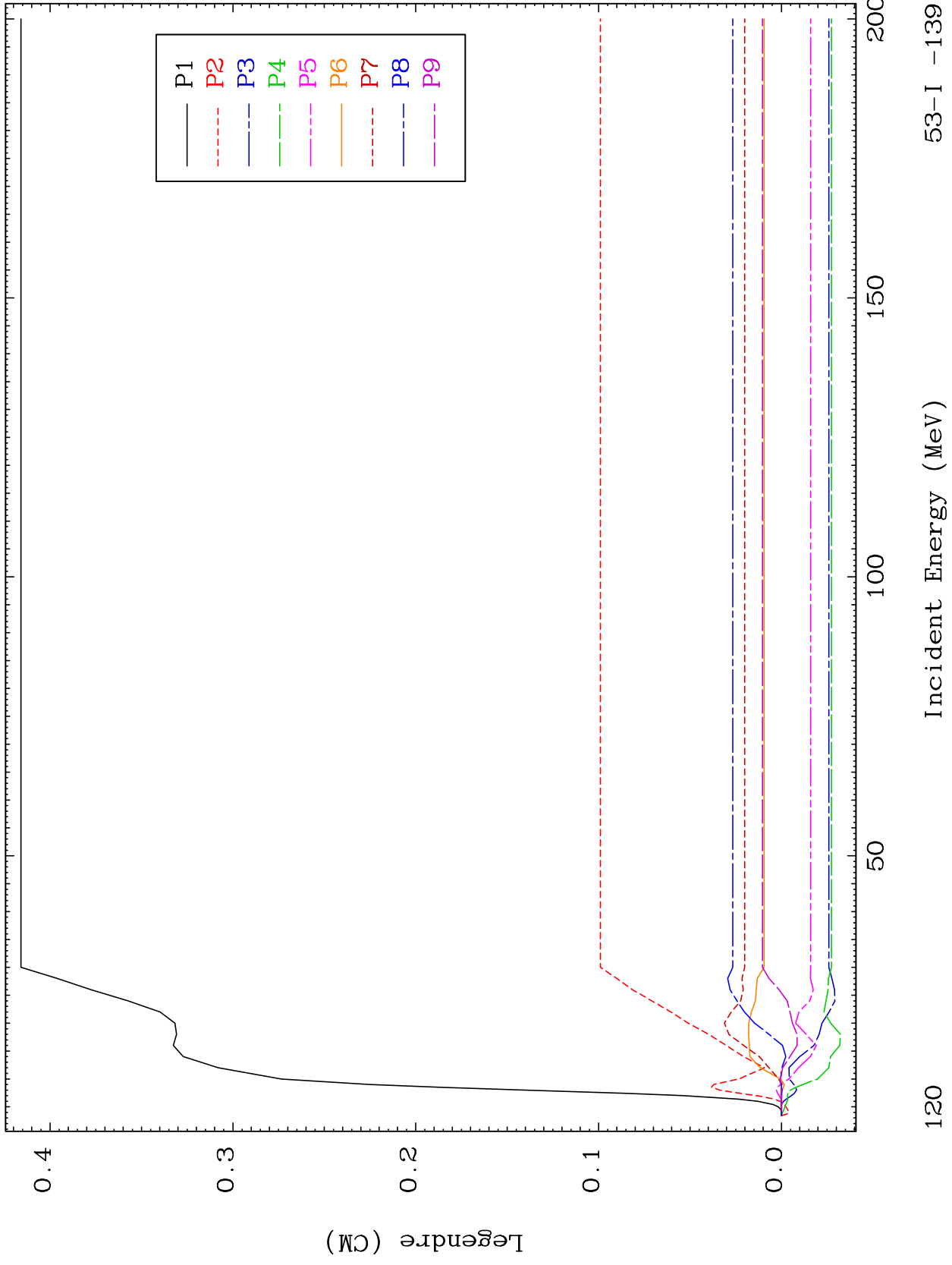




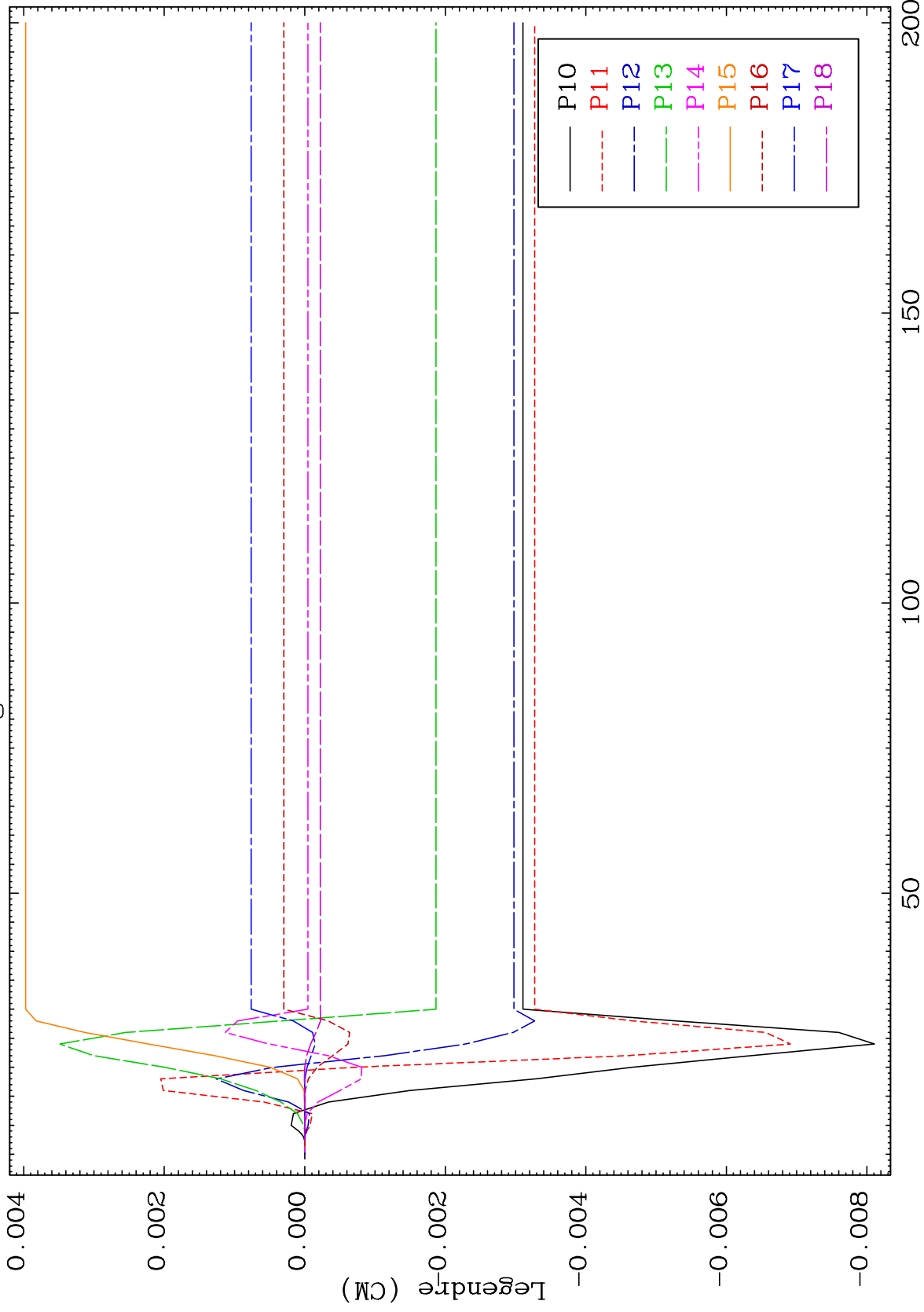
MAT 5361

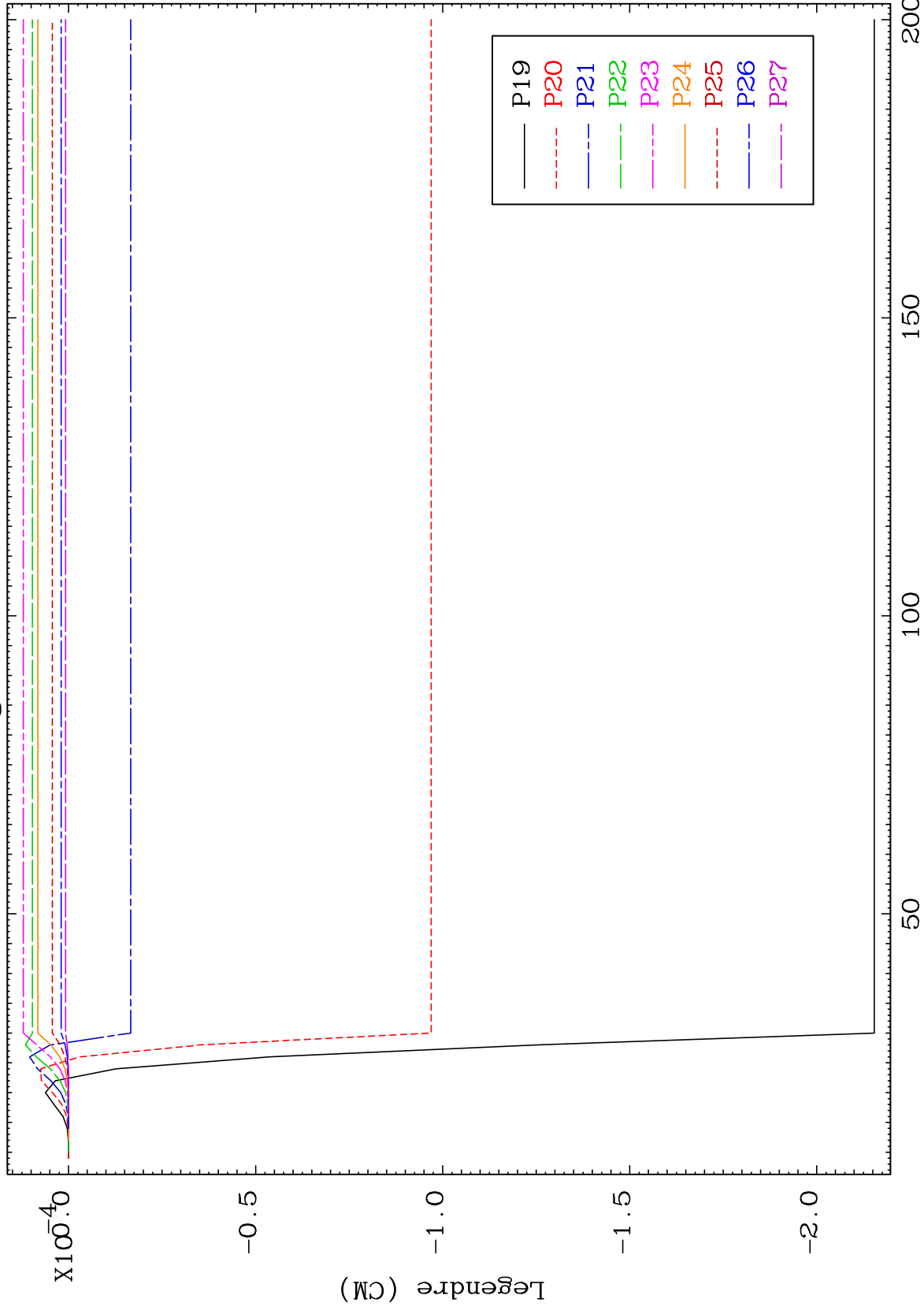
MT= 77 (n,n') Level  
Legendre Coefficients

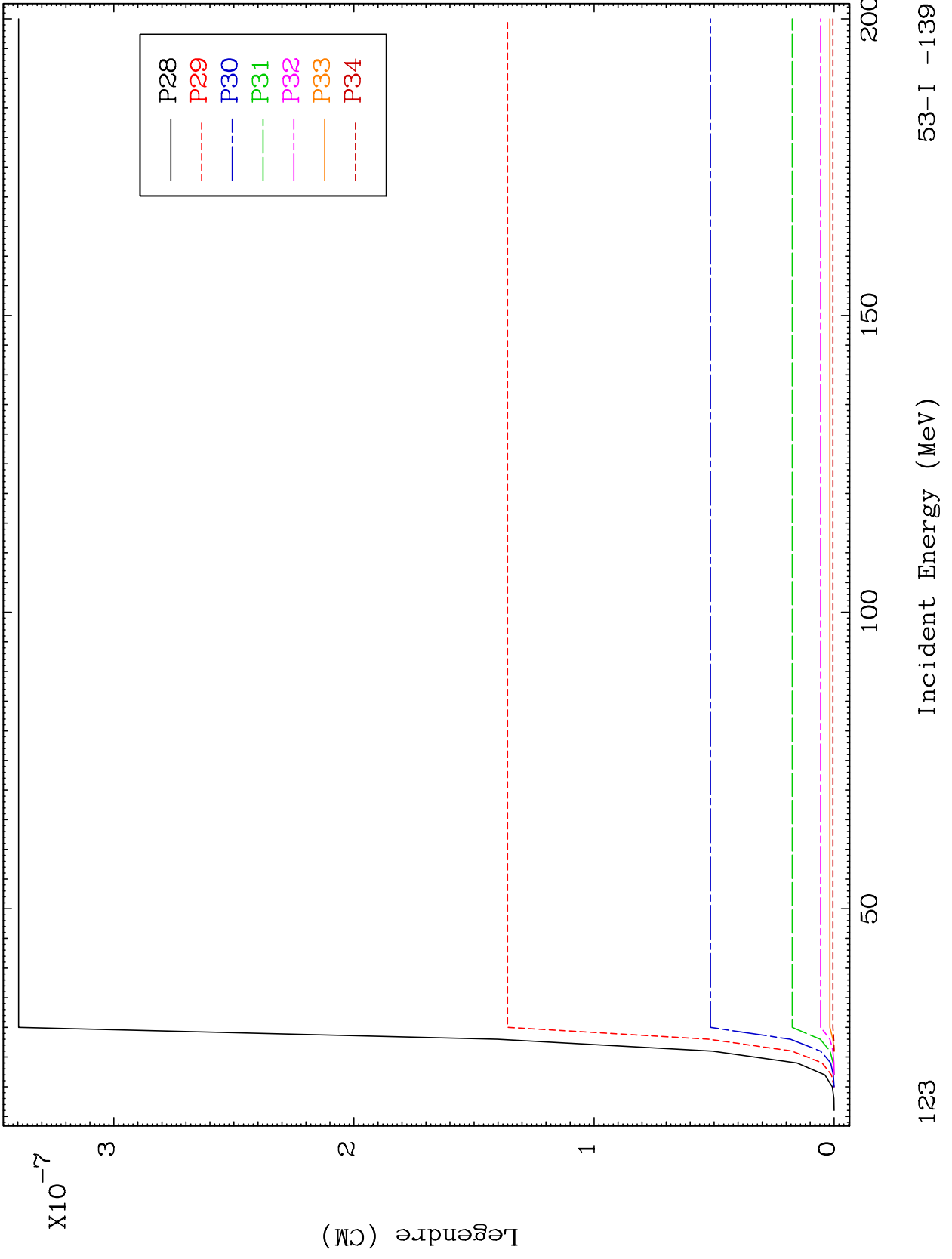
53-I -139



53-I -139





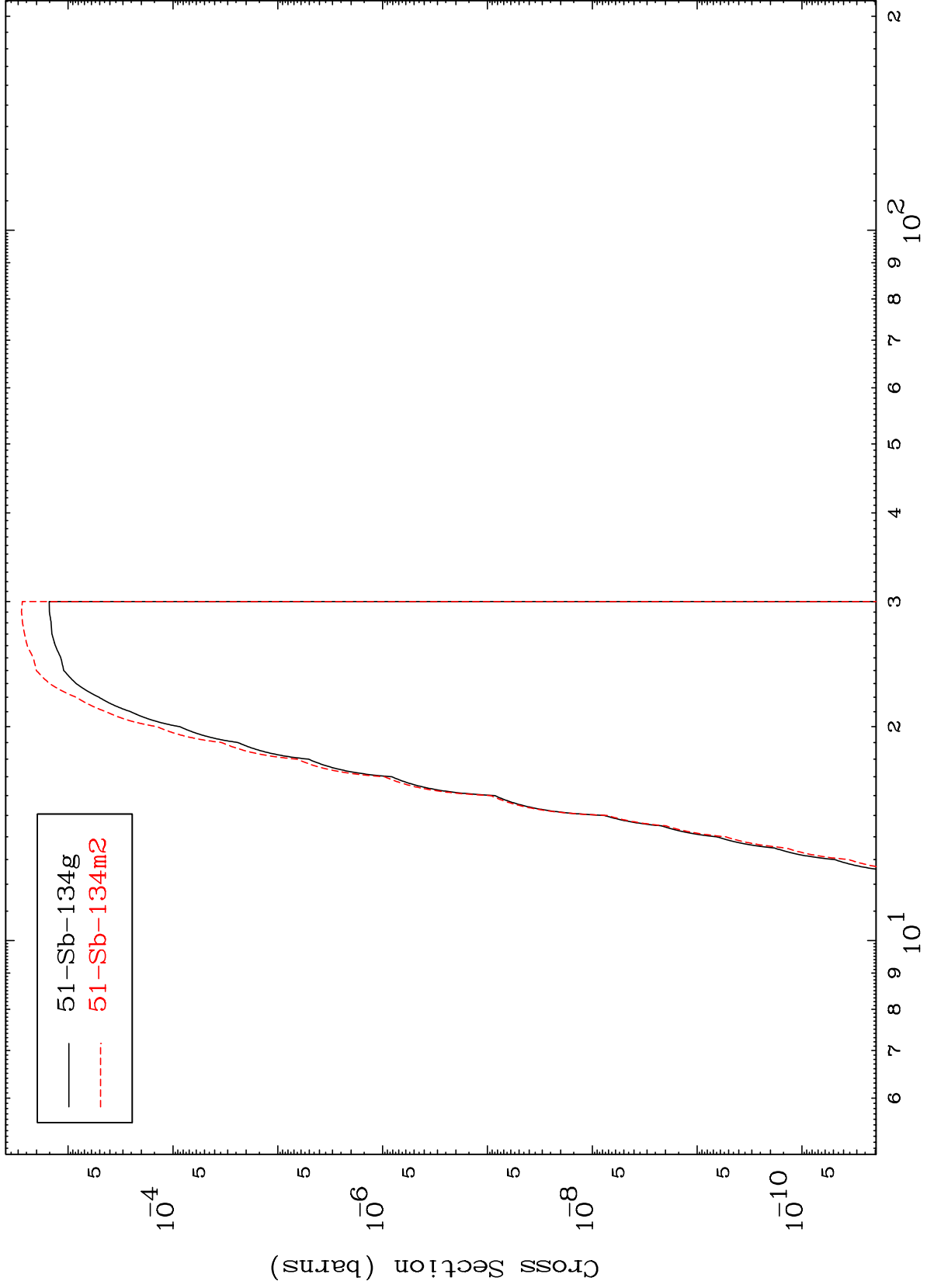


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(n,2n)  $\alpha$

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Radionuclide Production Cross Section



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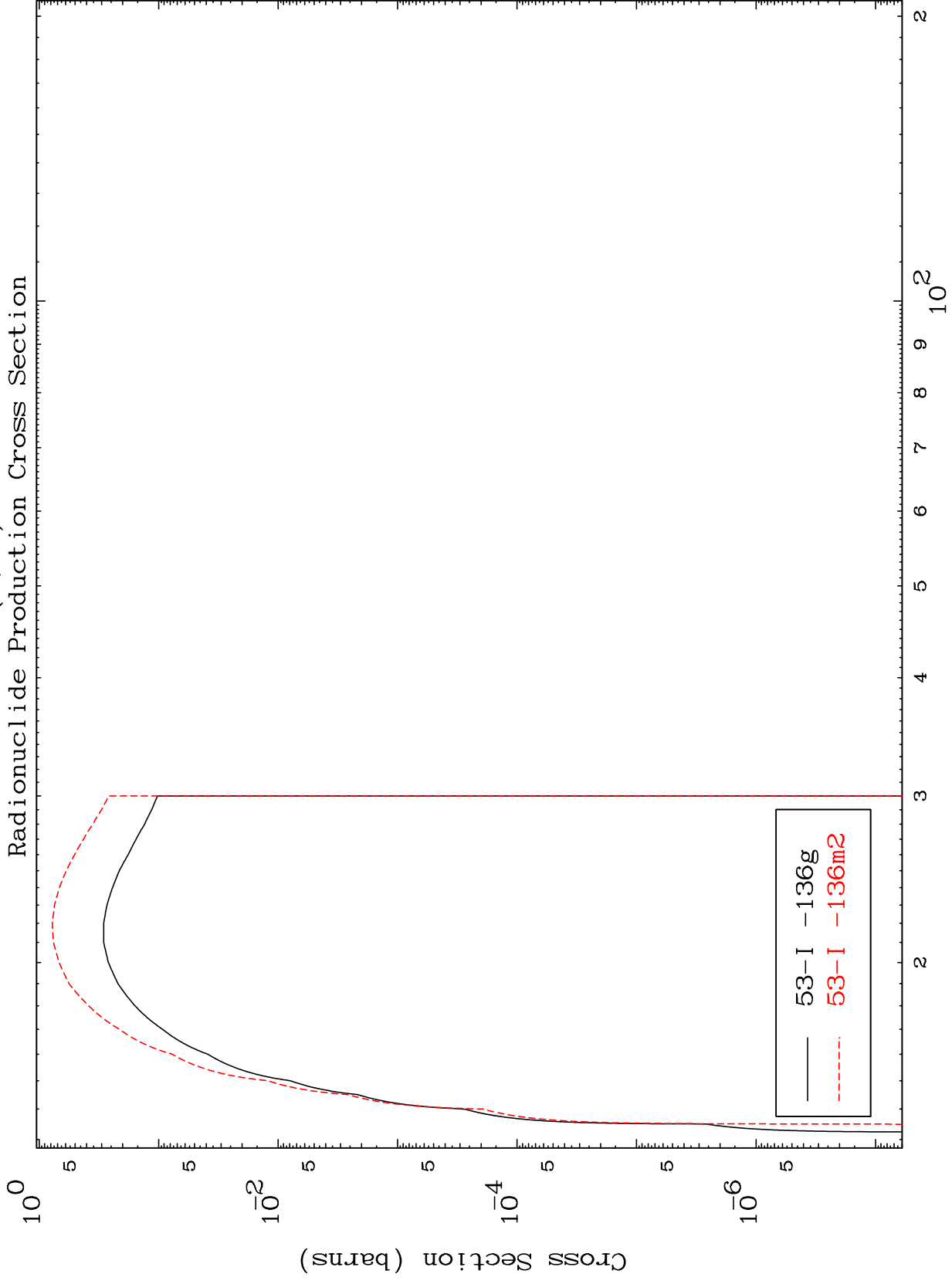
Incident Energy (MeV)

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(n,4n)

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125

Incident Energy (MeV)

53-I -139