

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

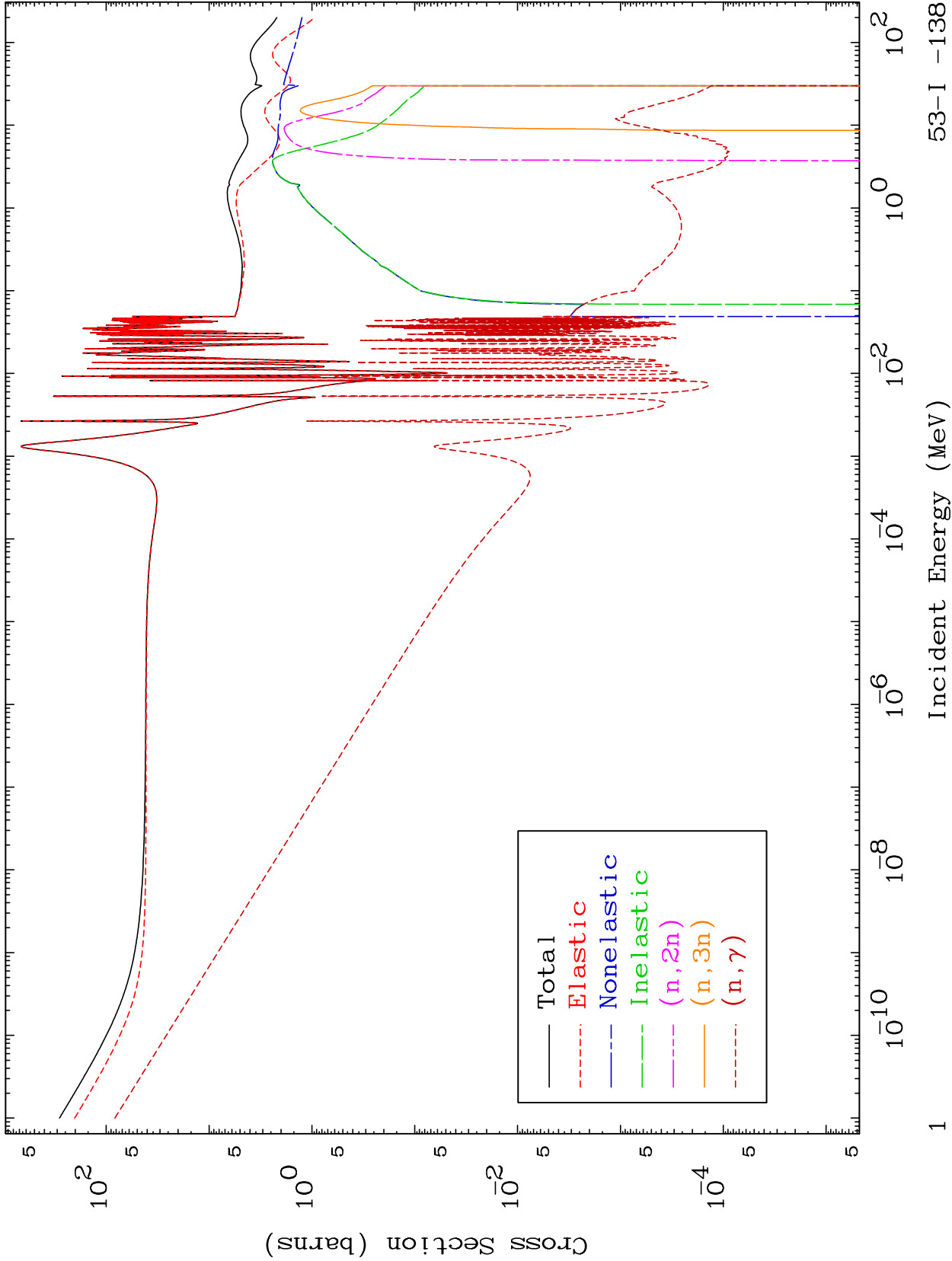
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
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Tele: 925-443-1911

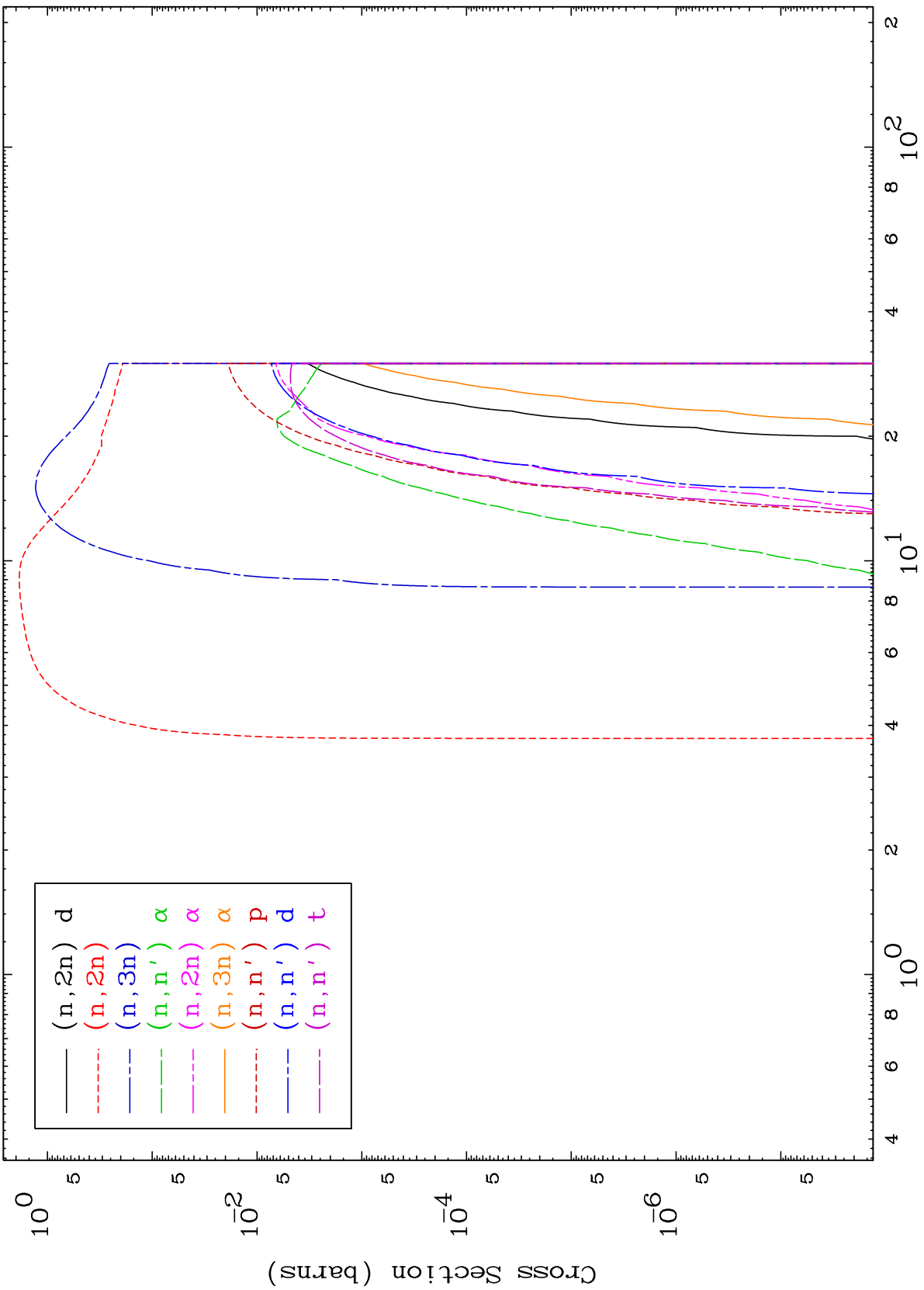
E.Mail:redcullen1@comcast.net

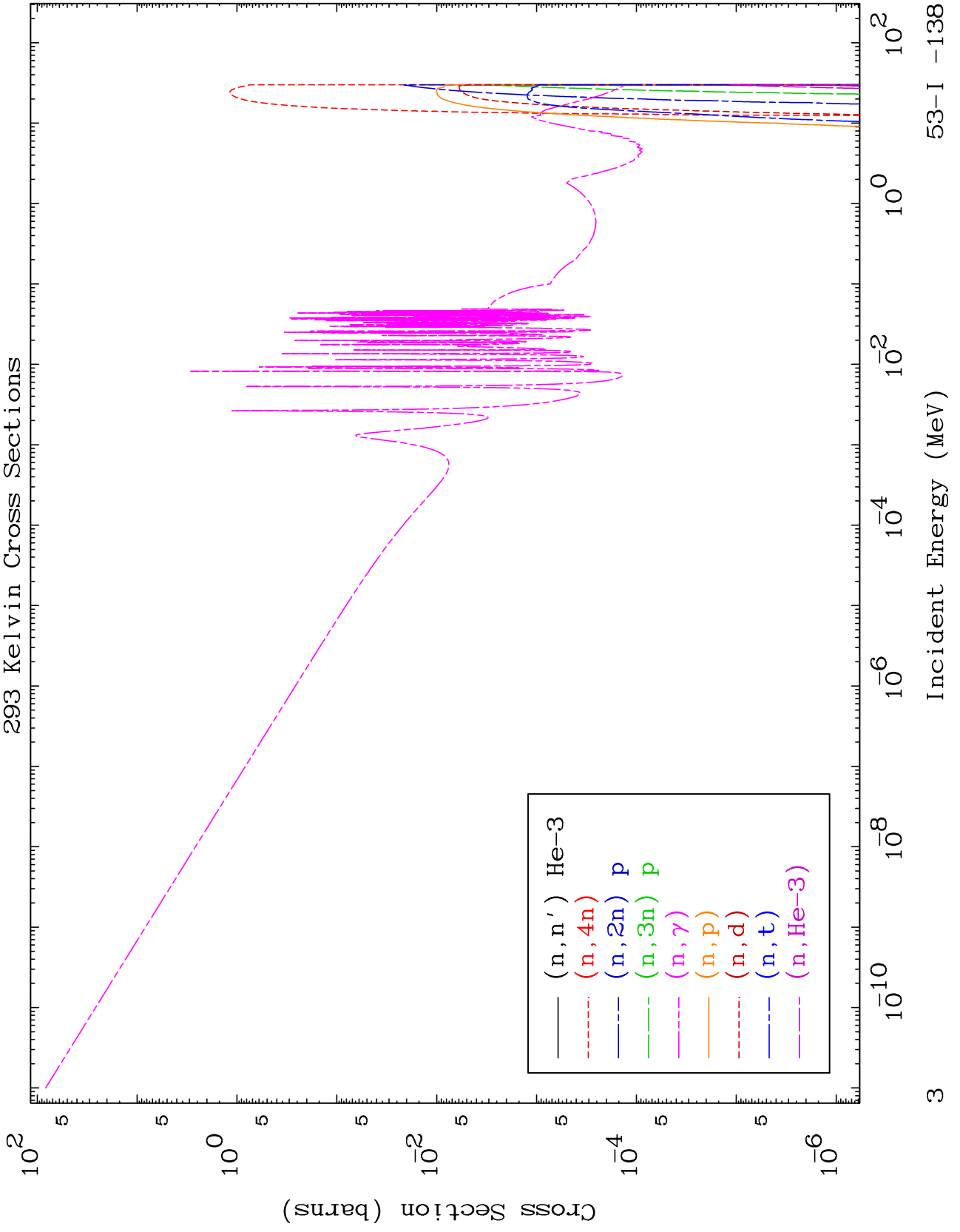
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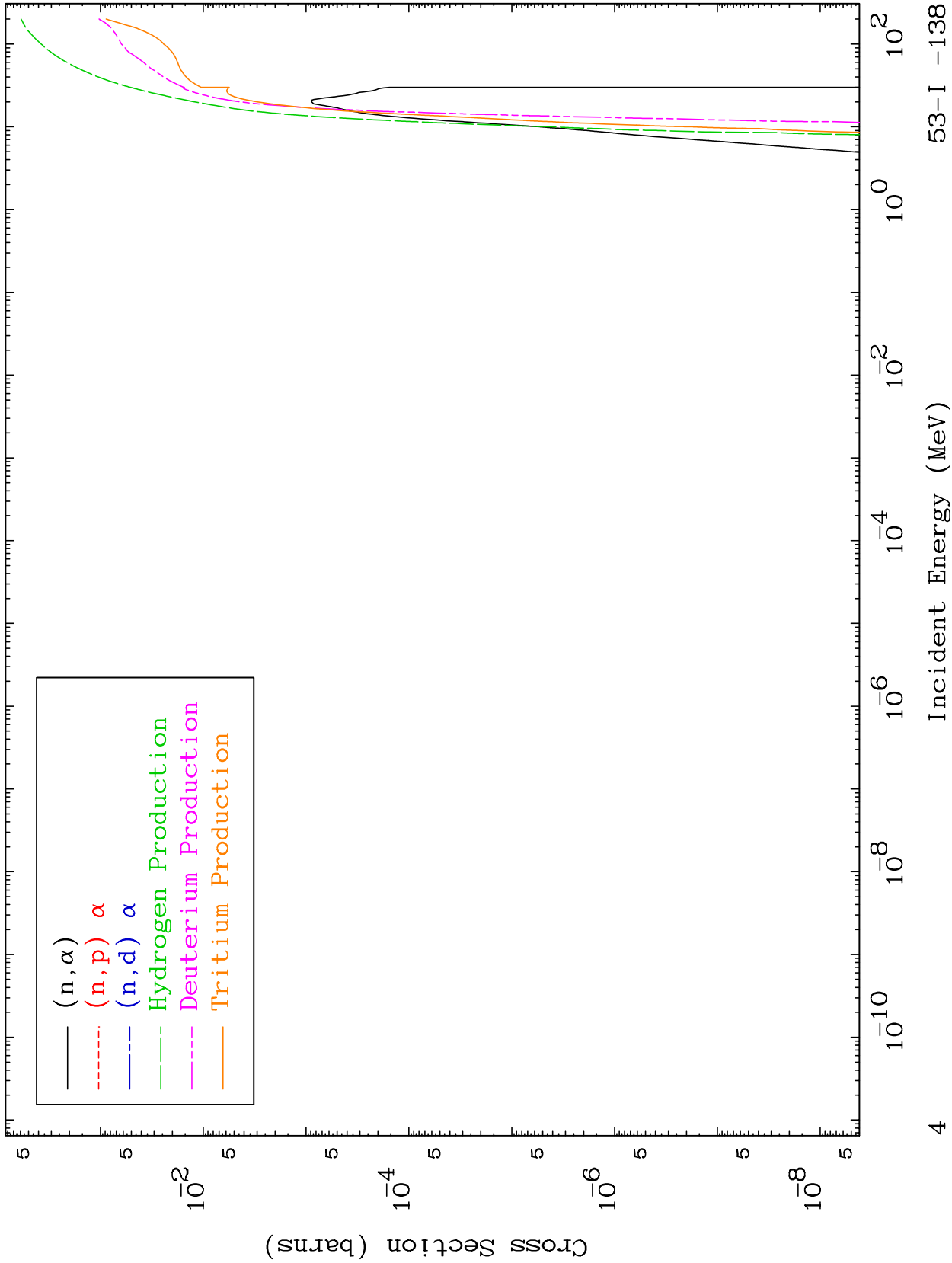
Press Mouse Button to Start

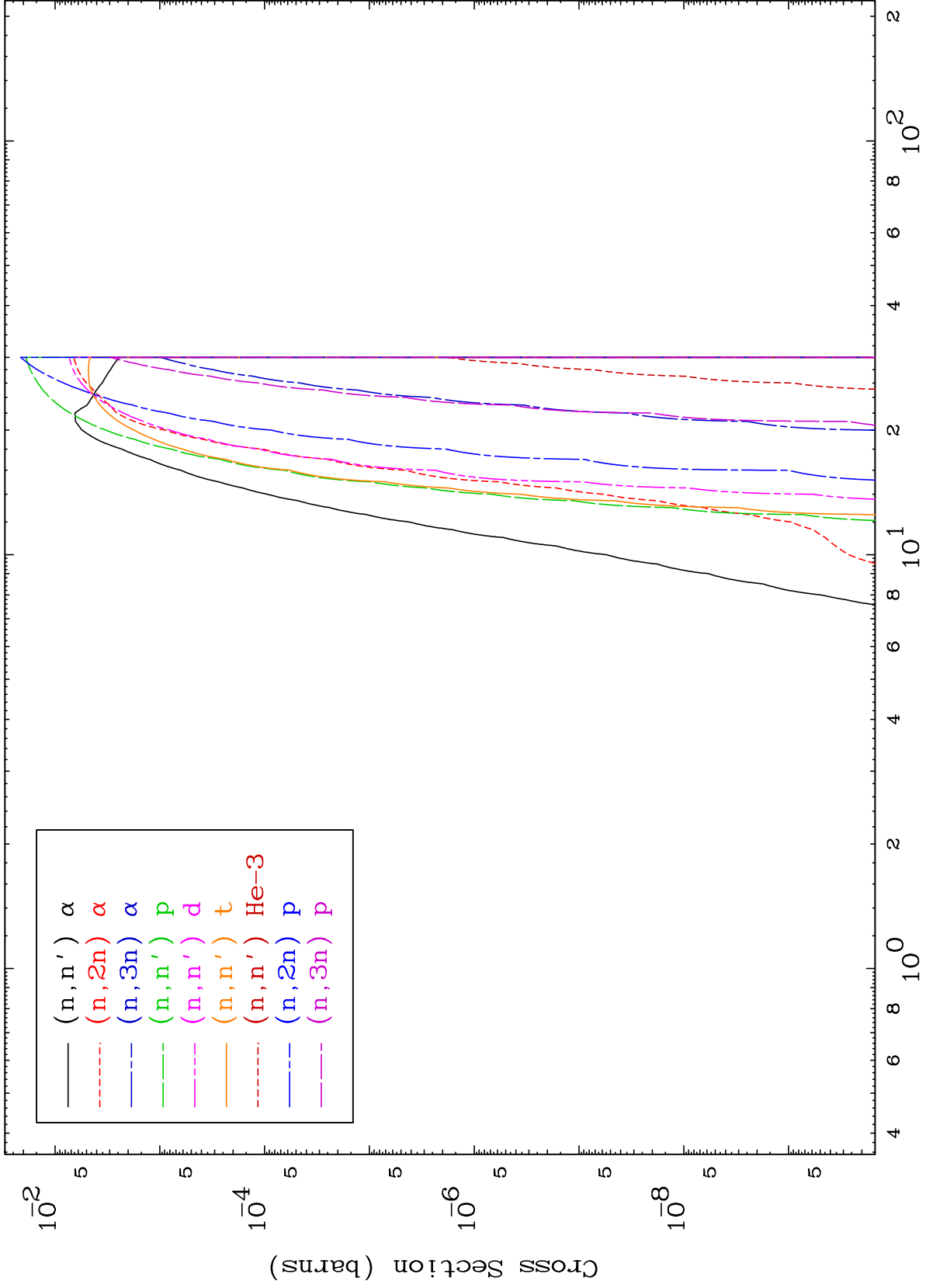


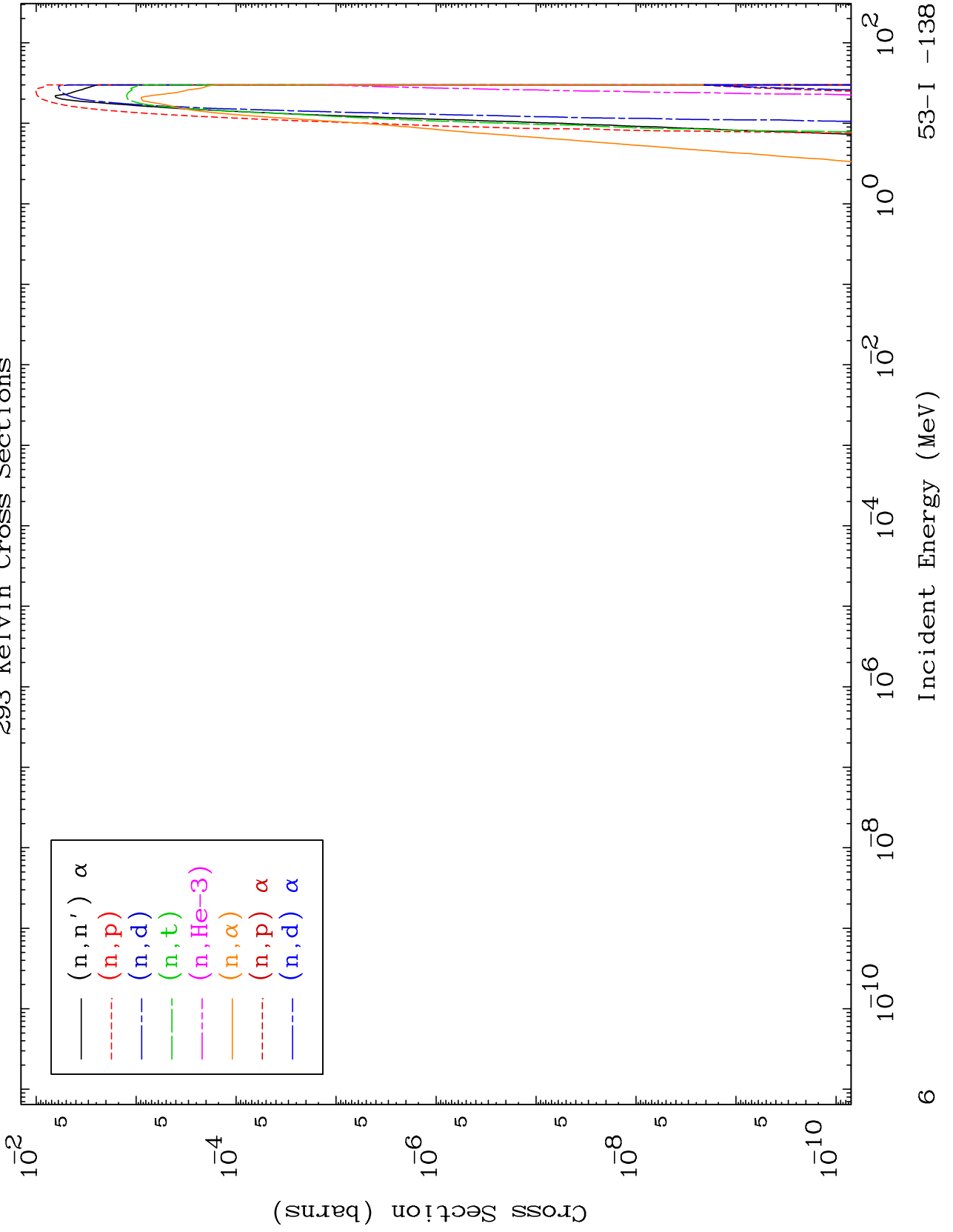
293 Kelvin Cross Sections

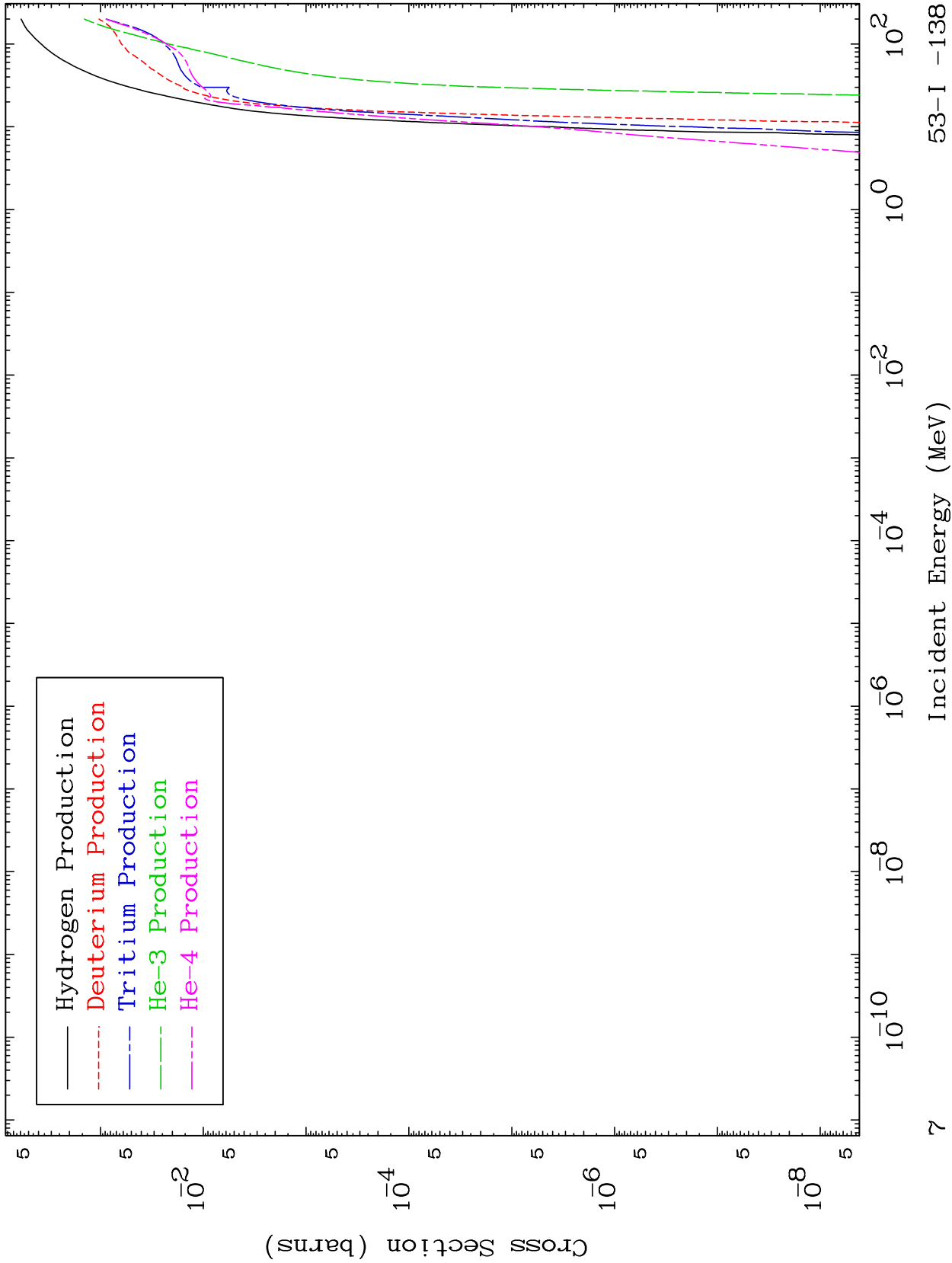


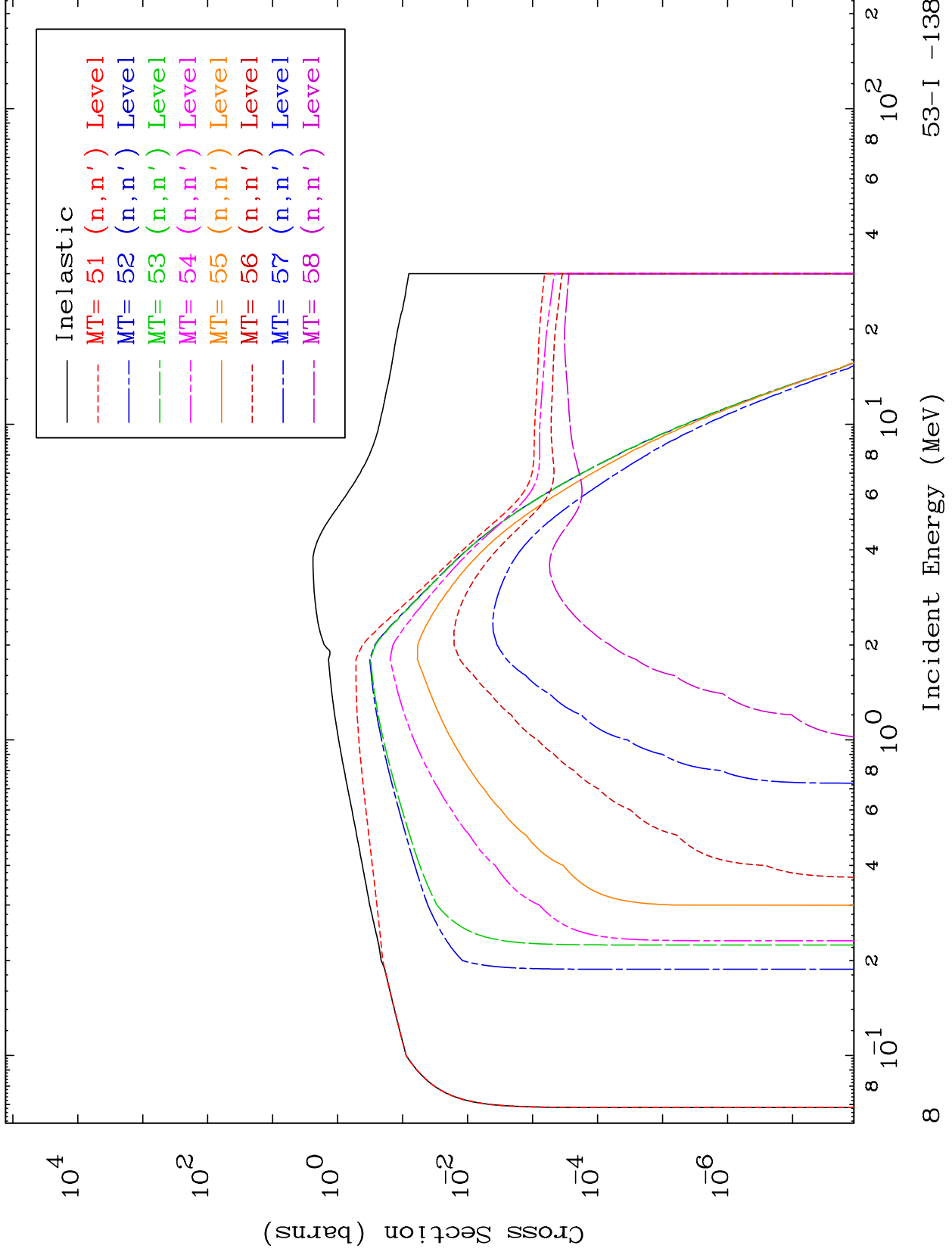


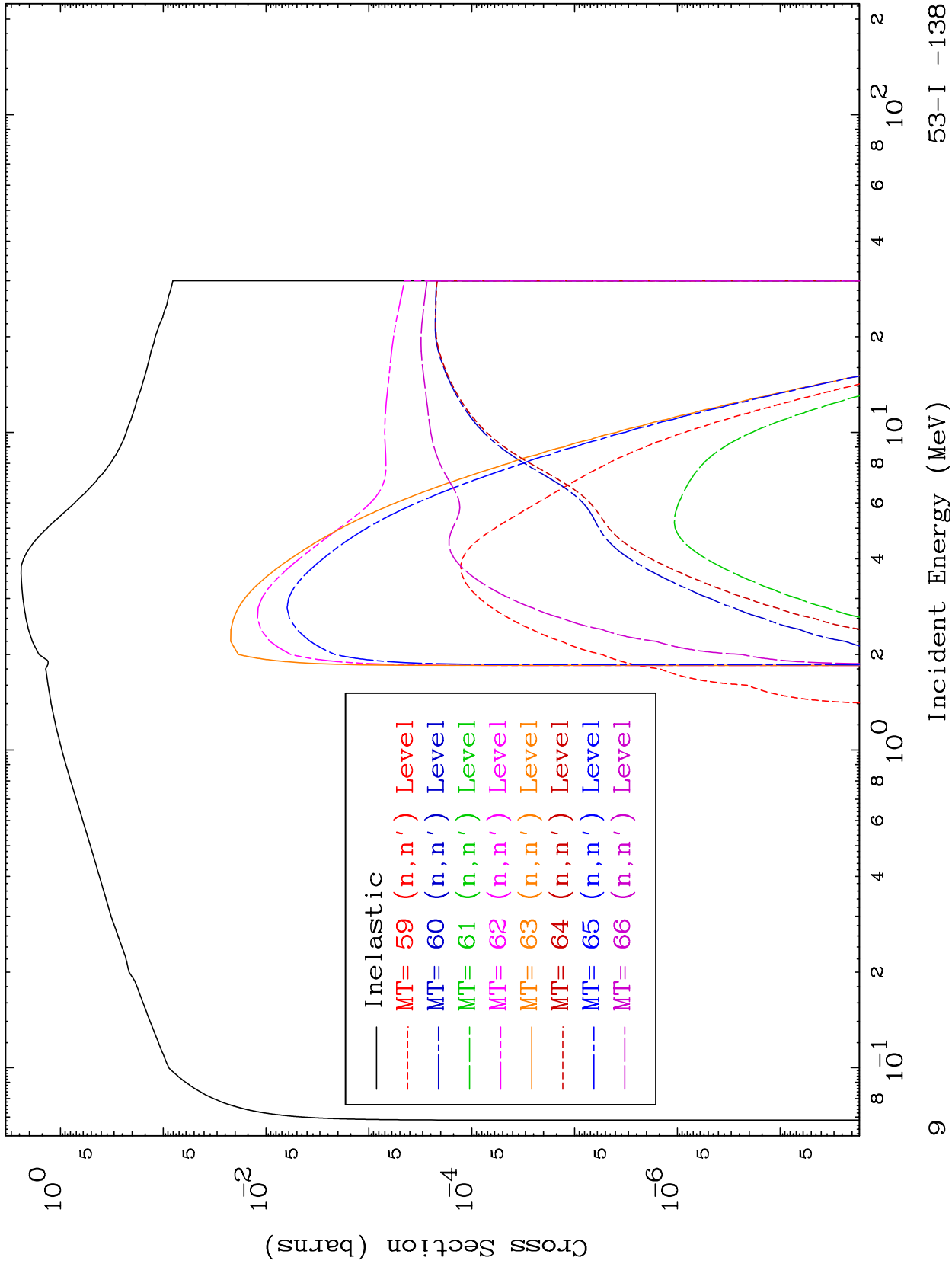


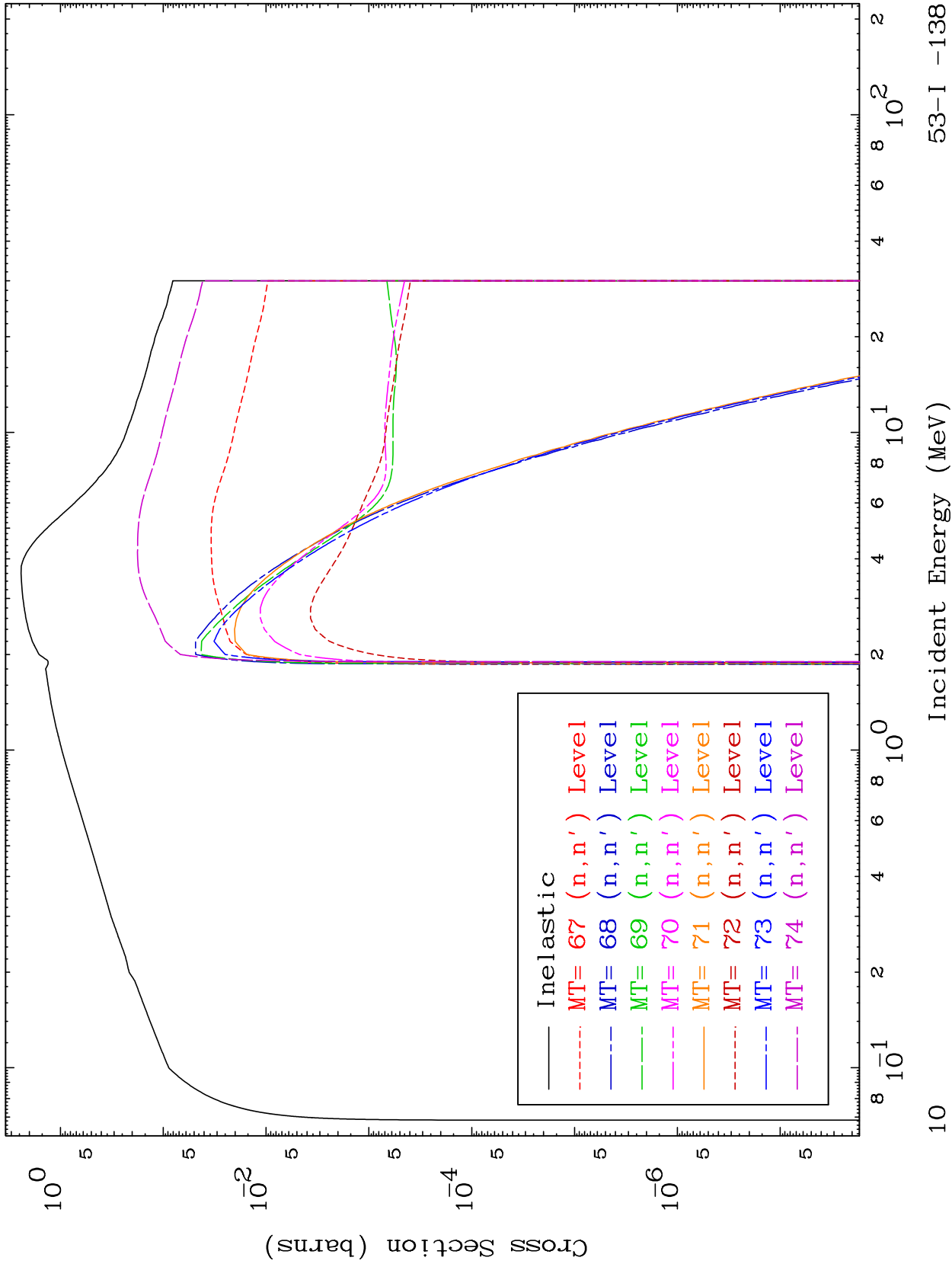




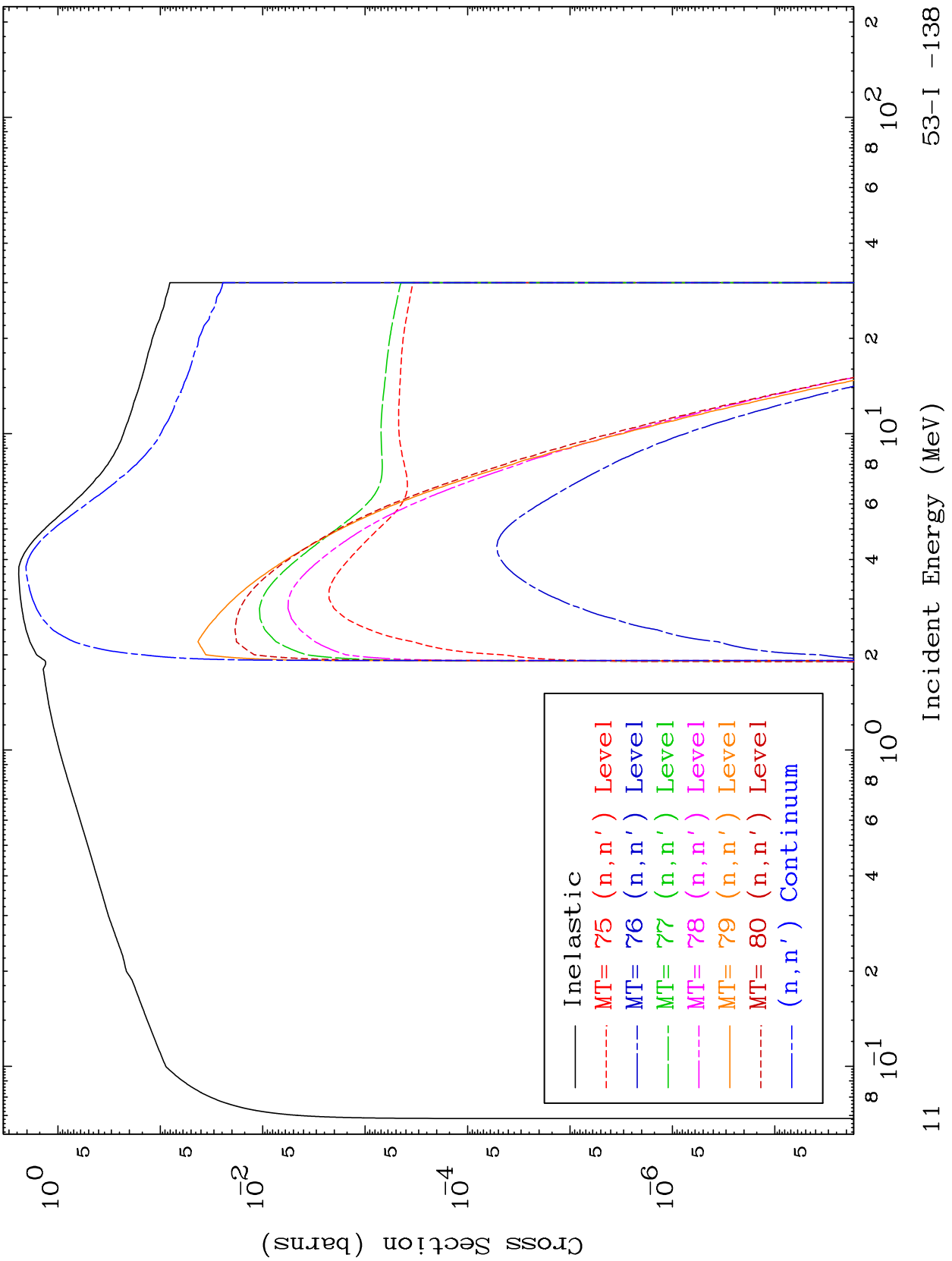


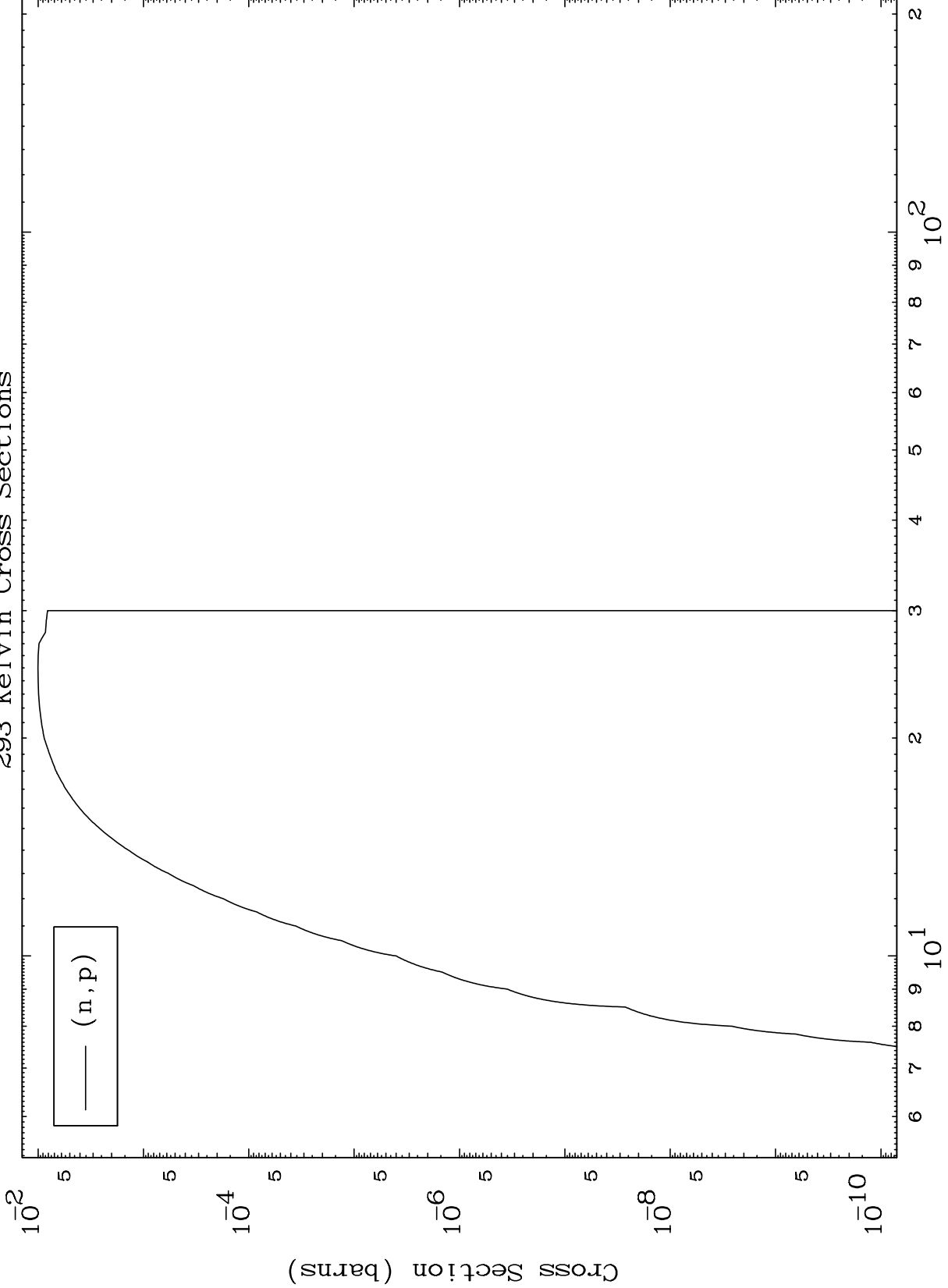


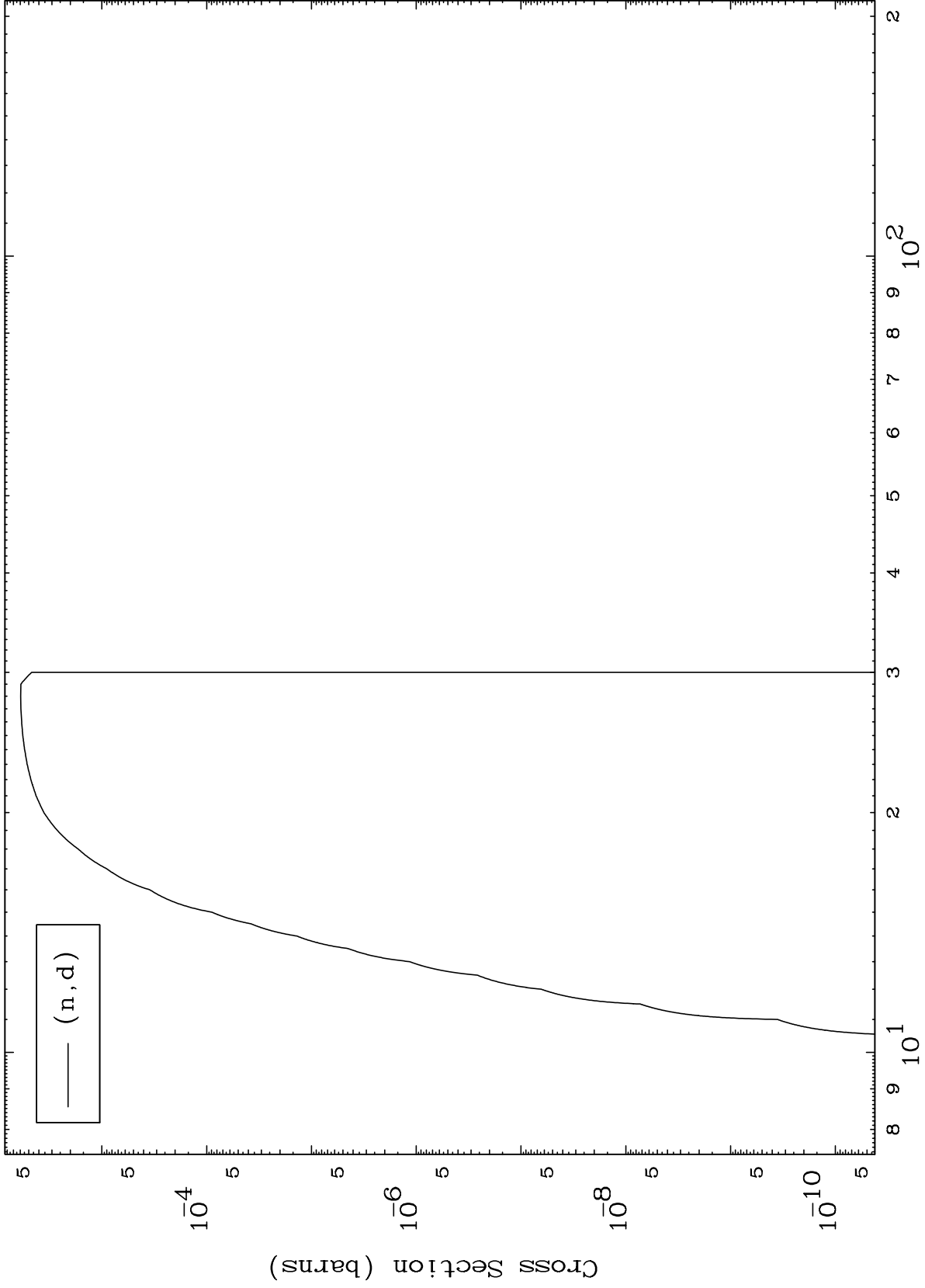


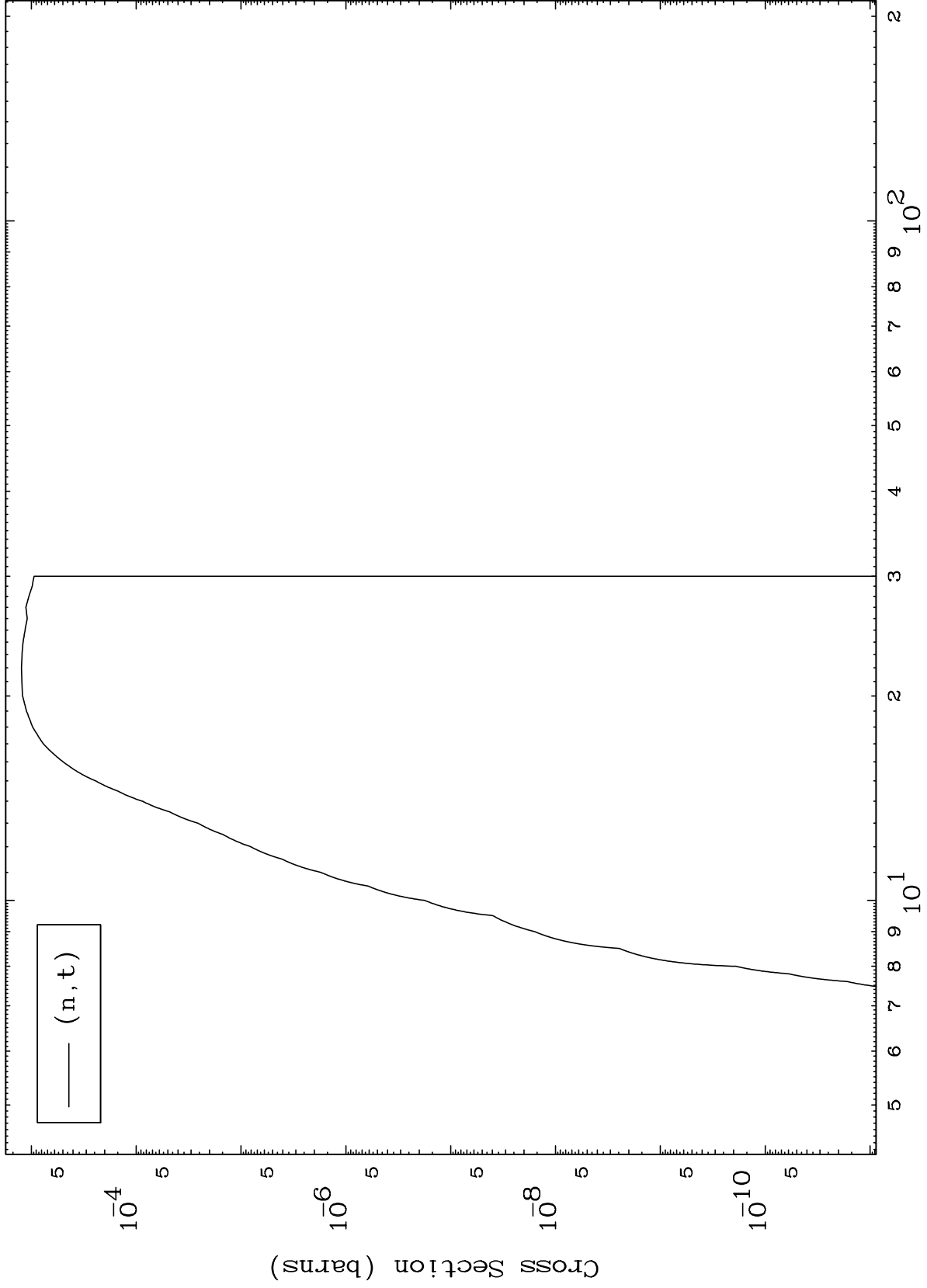


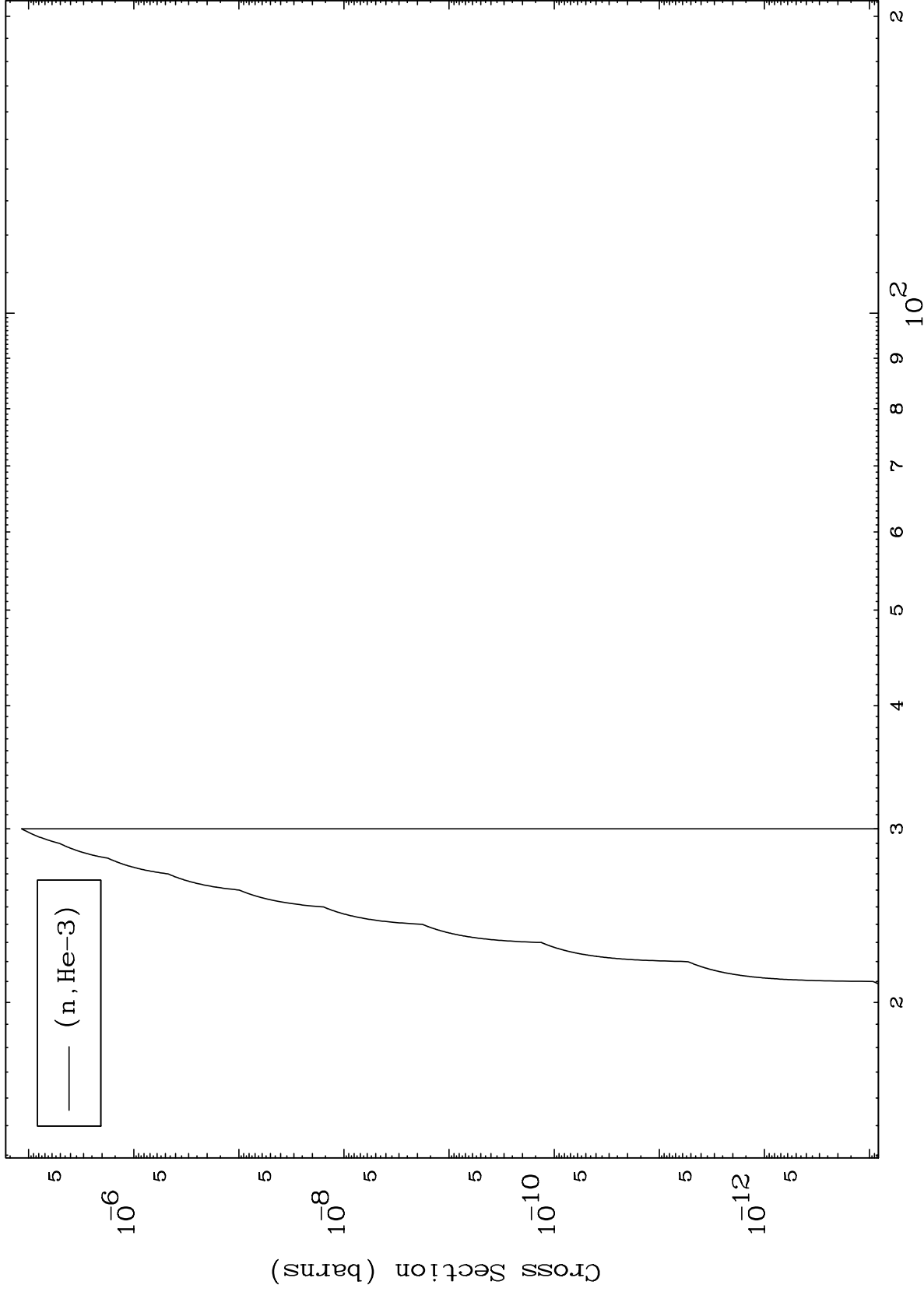
(n,n') Levels
293 Kelvin Cross Sections







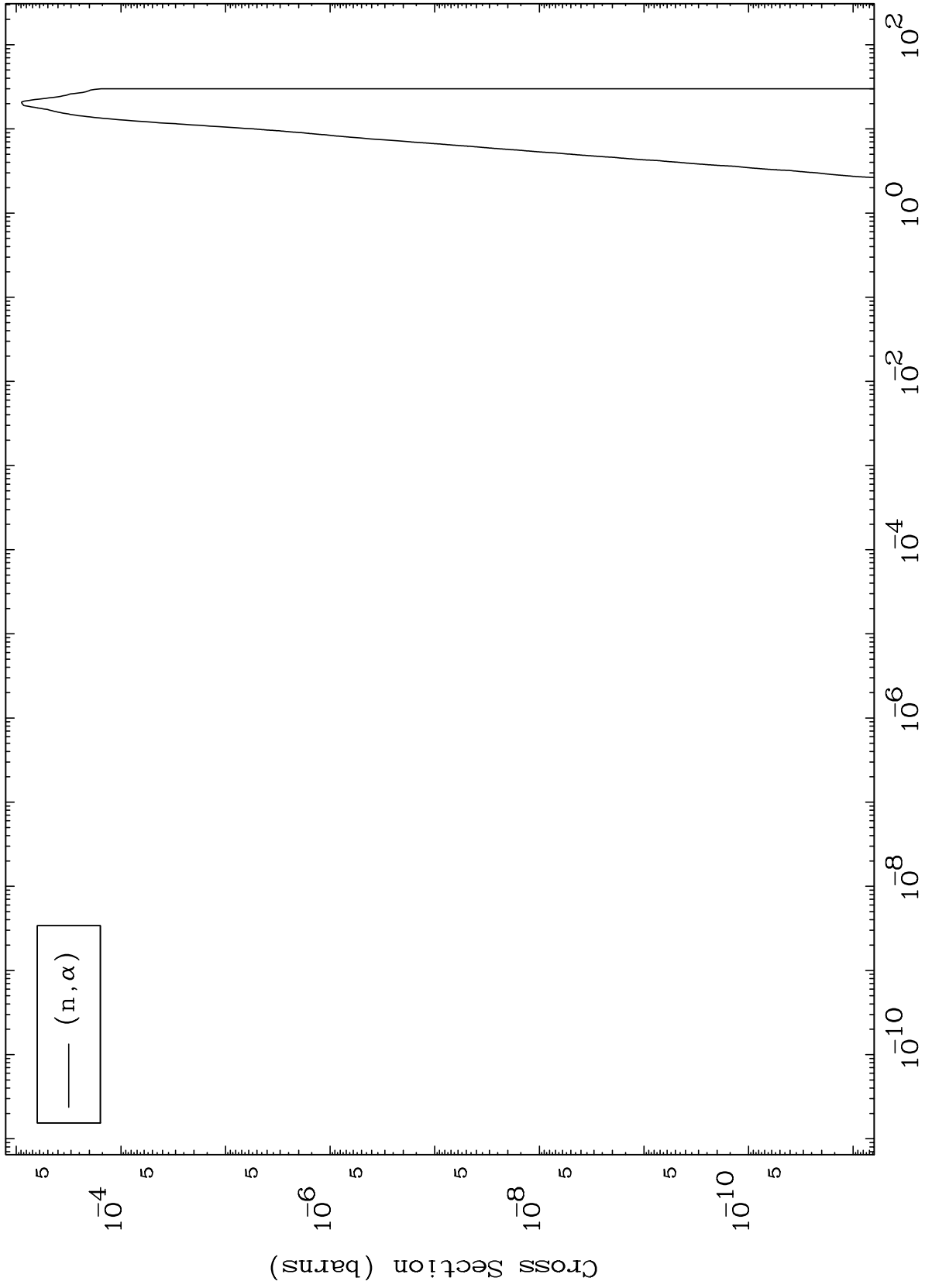




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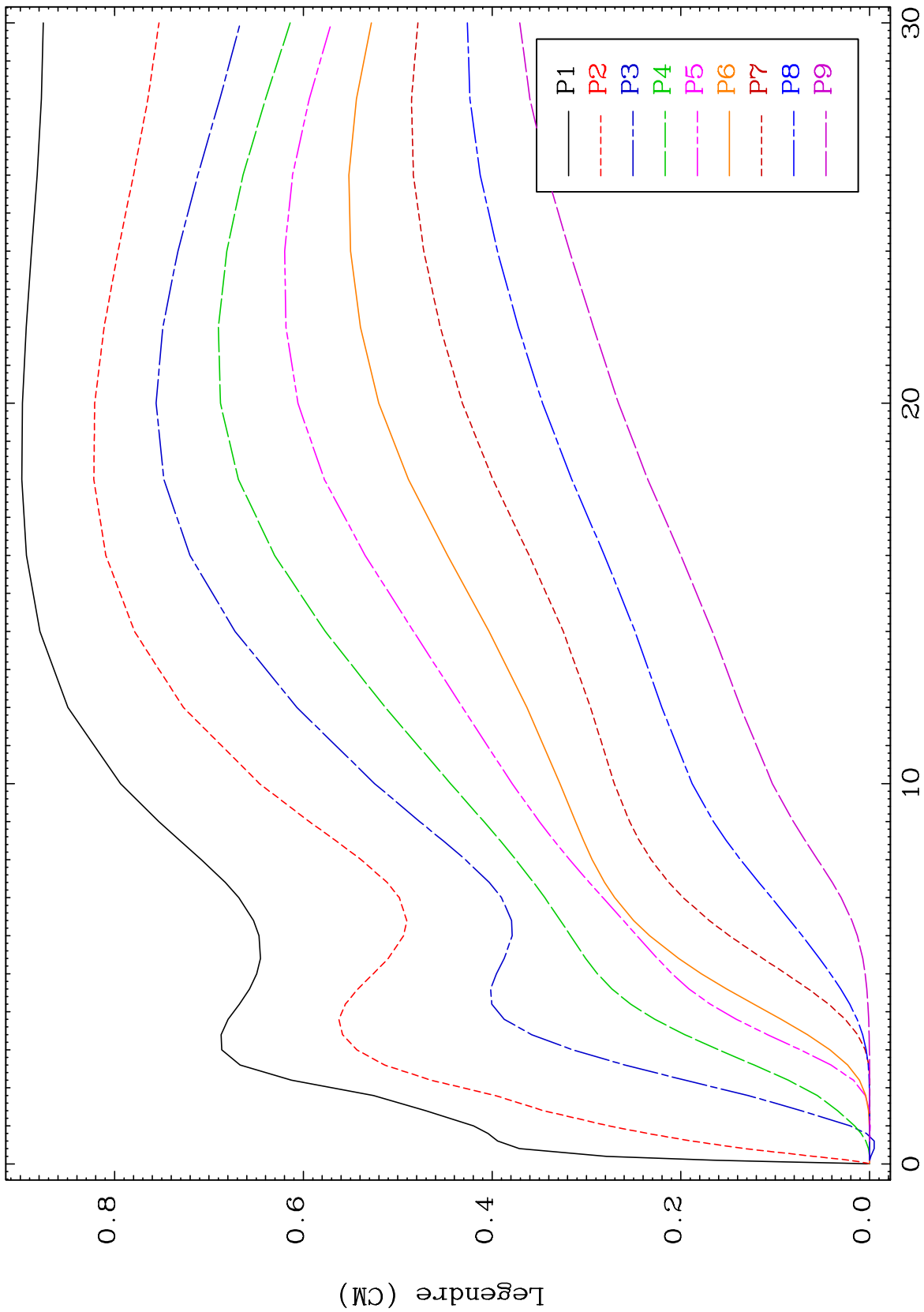
(n, α) Levels
293 Kelvin Cross Sections

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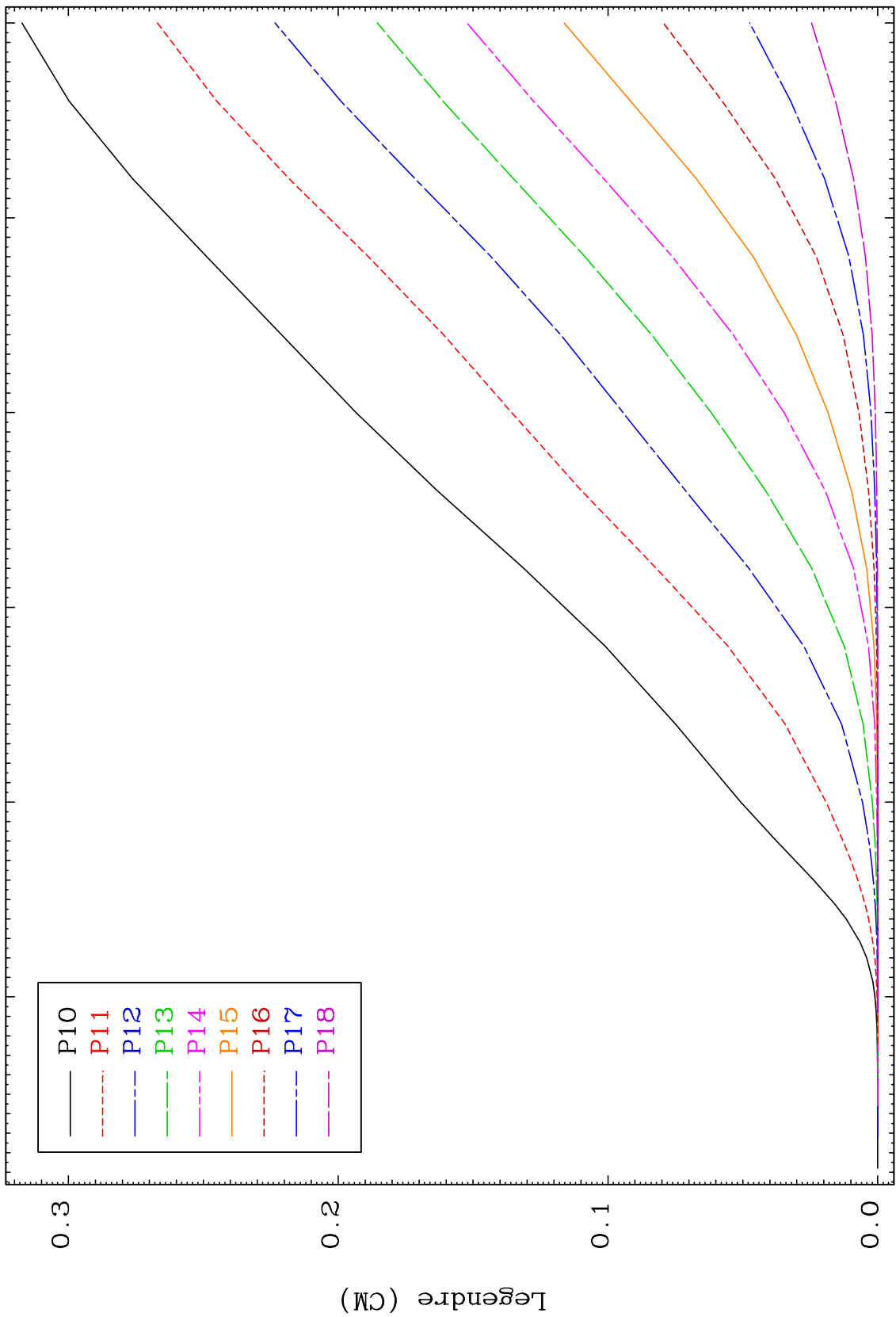


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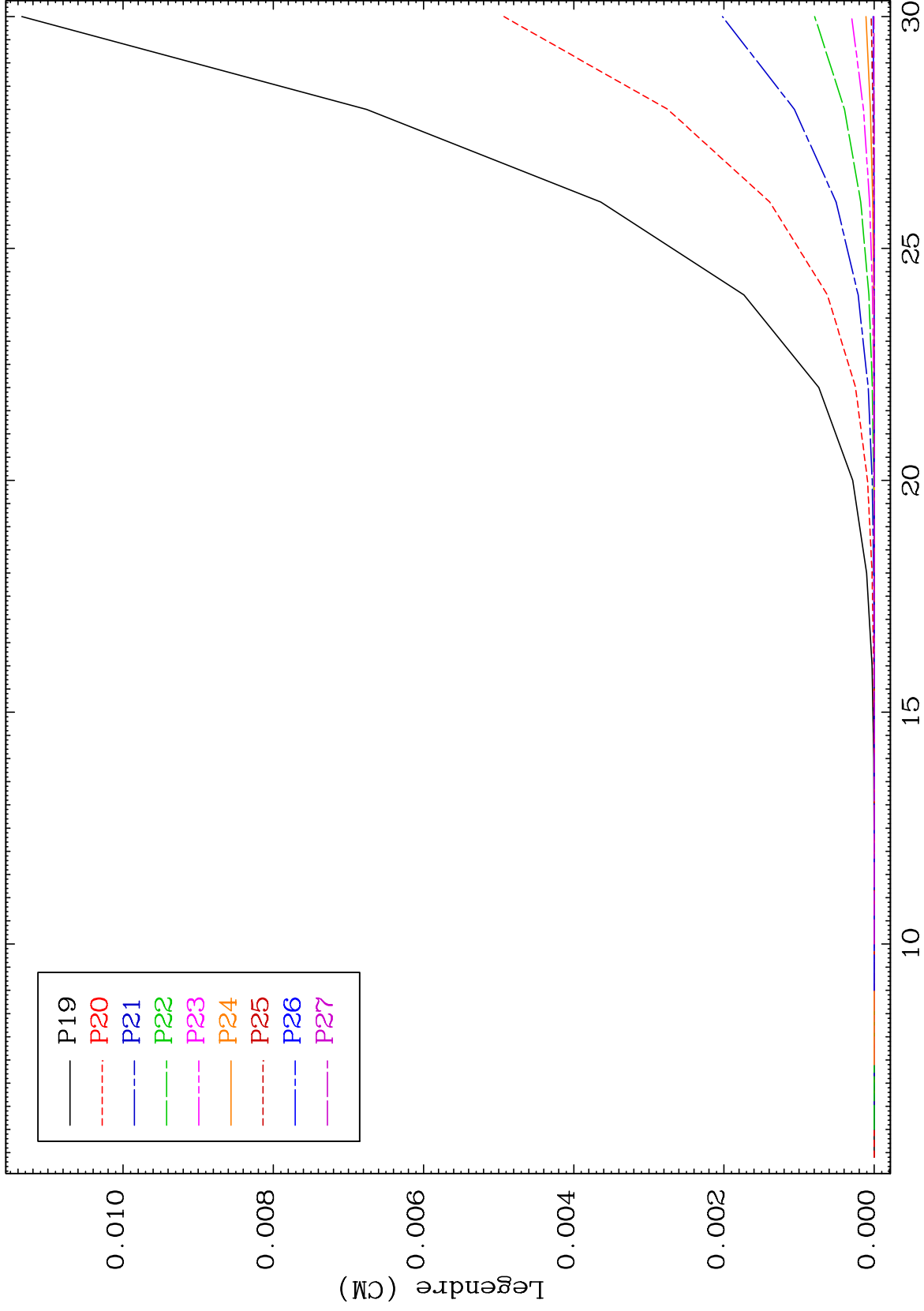
Elastic Legendre Coefficients



MAT 5358

Elastic Legendre Coefficients

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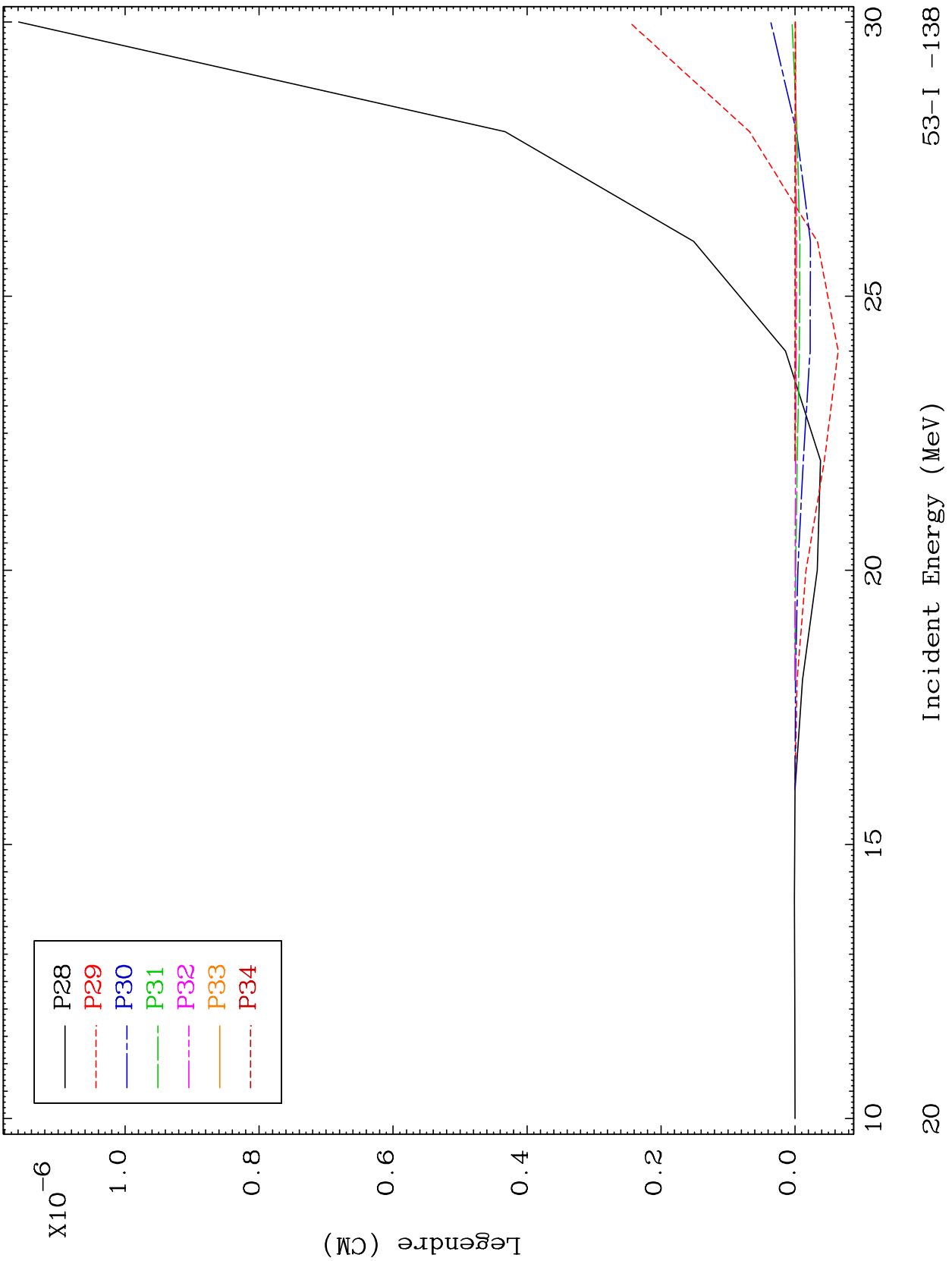
Incident Energy (MeV)

53-I -138

MAT 5358

Elastic Legendre Coefficients

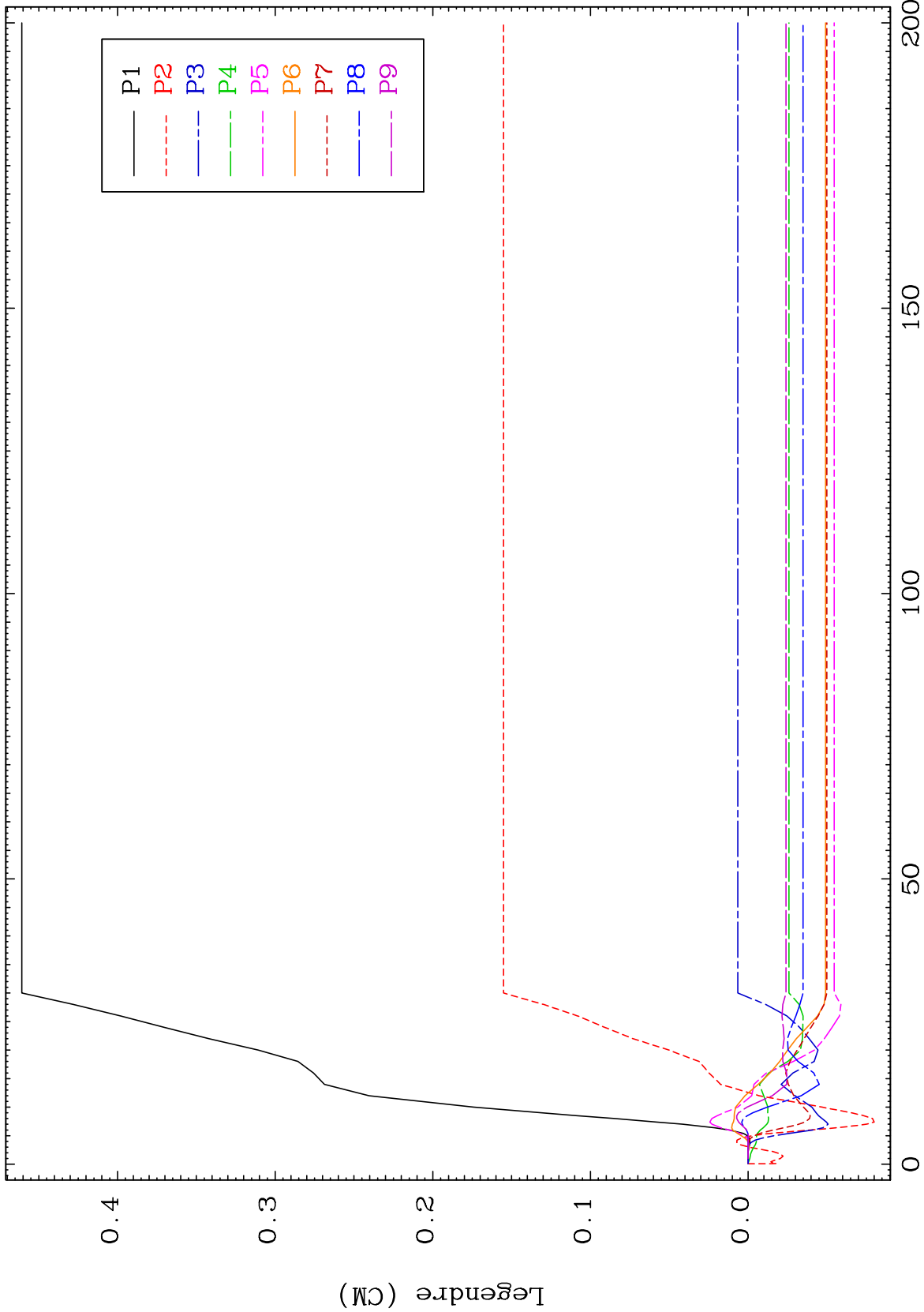
53-I -138

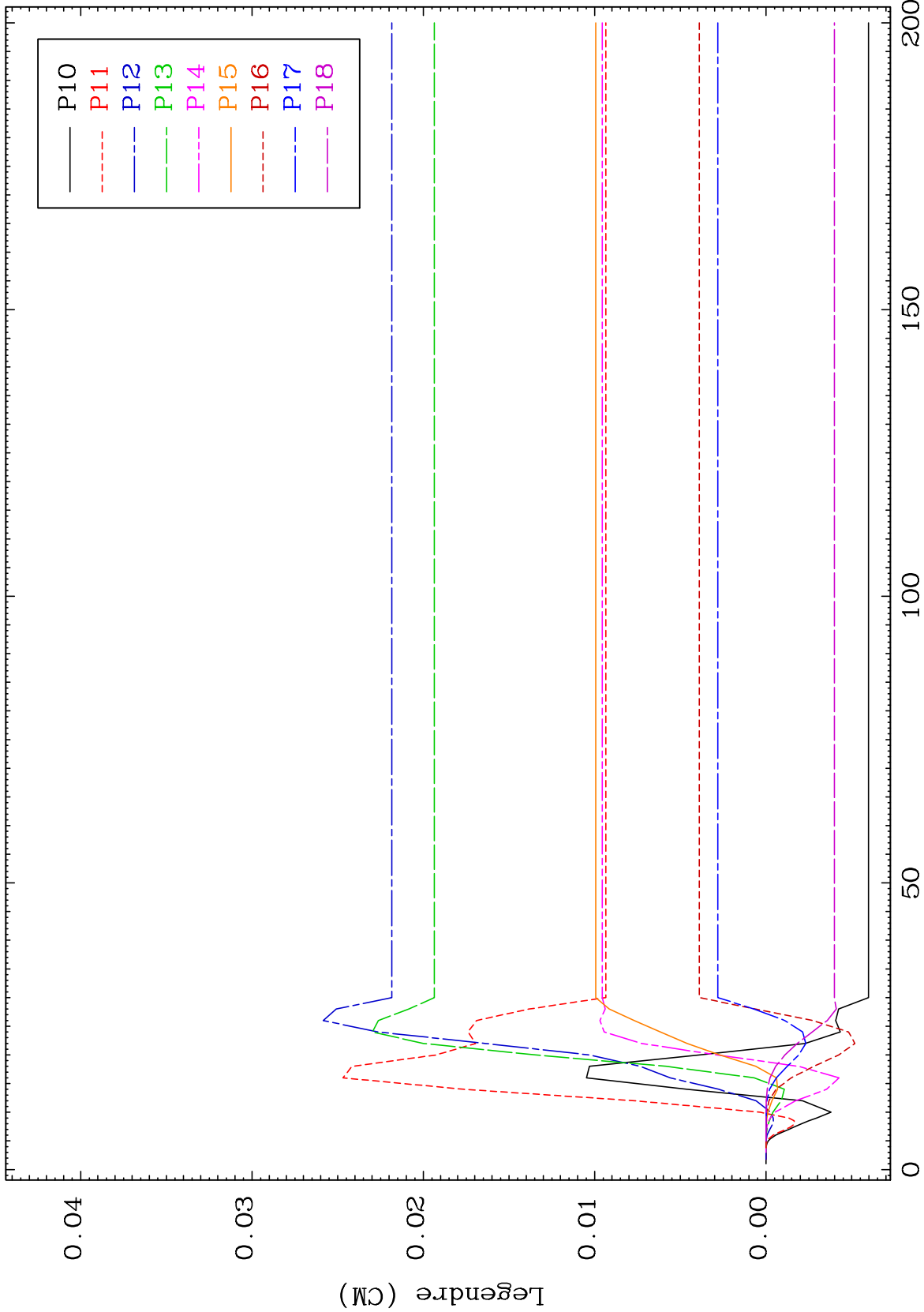


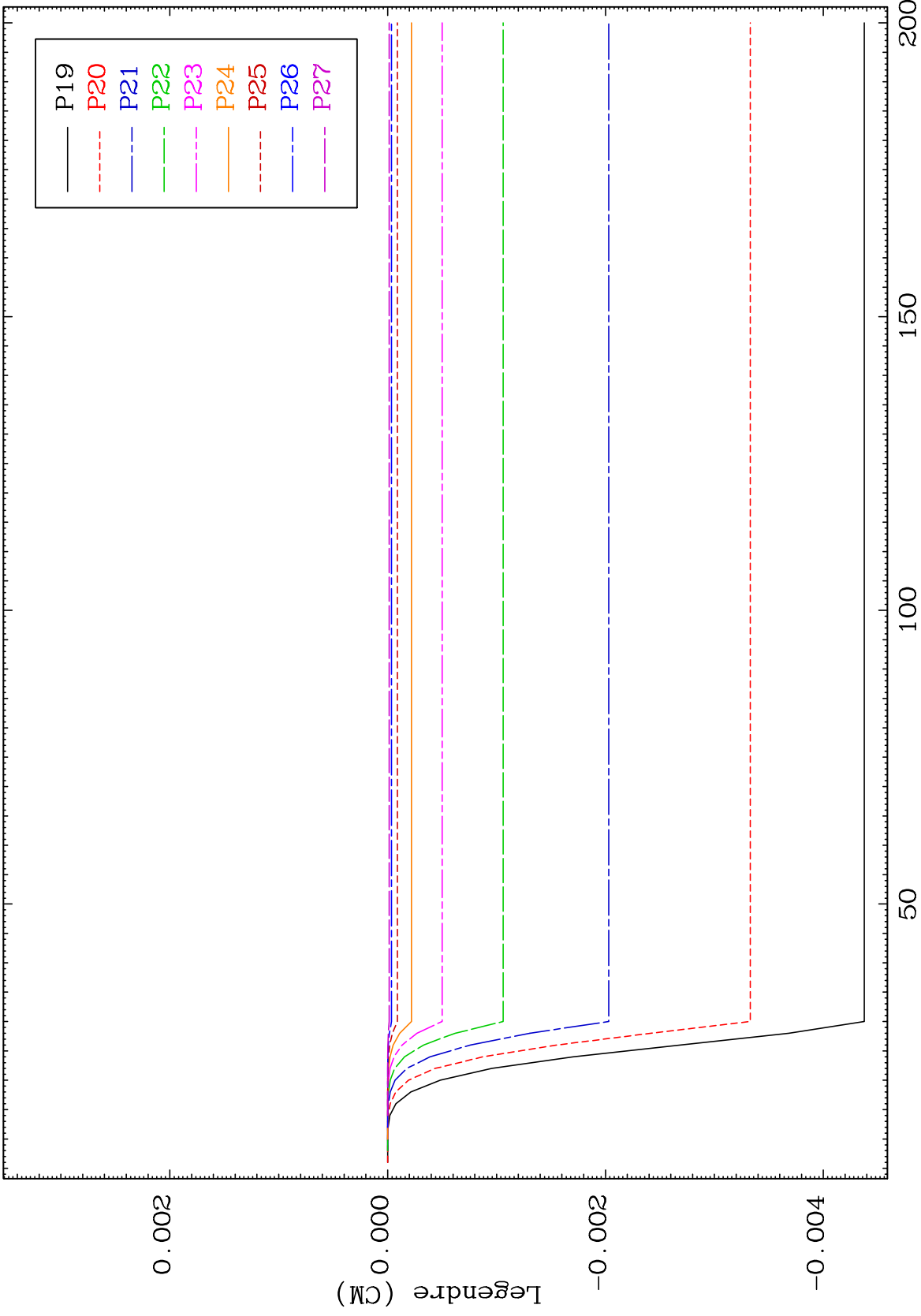
20

Incident Energy (MeV)

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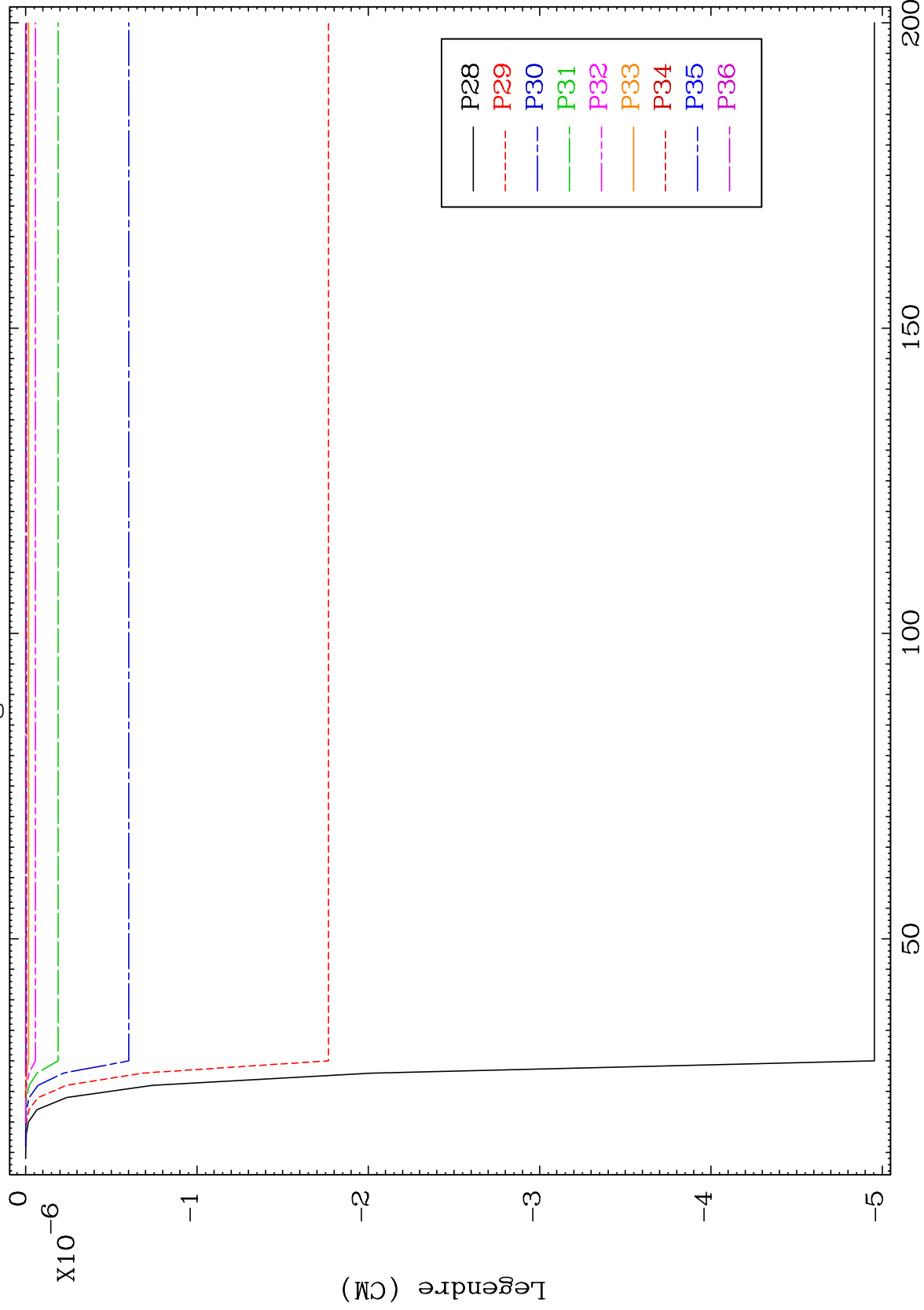




MAT 5358

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

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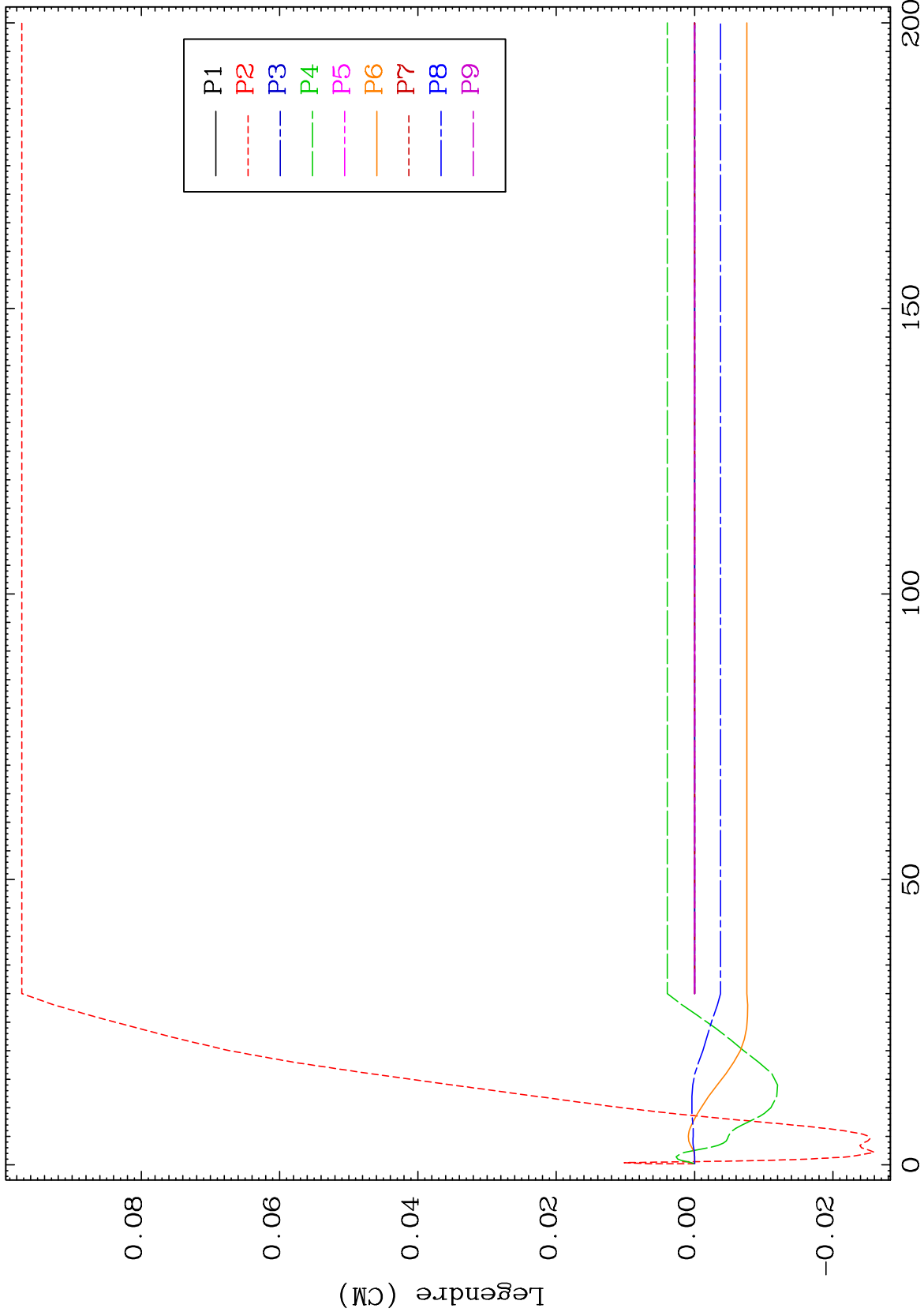
Incident Energy (MeV)

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MAT 5358

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

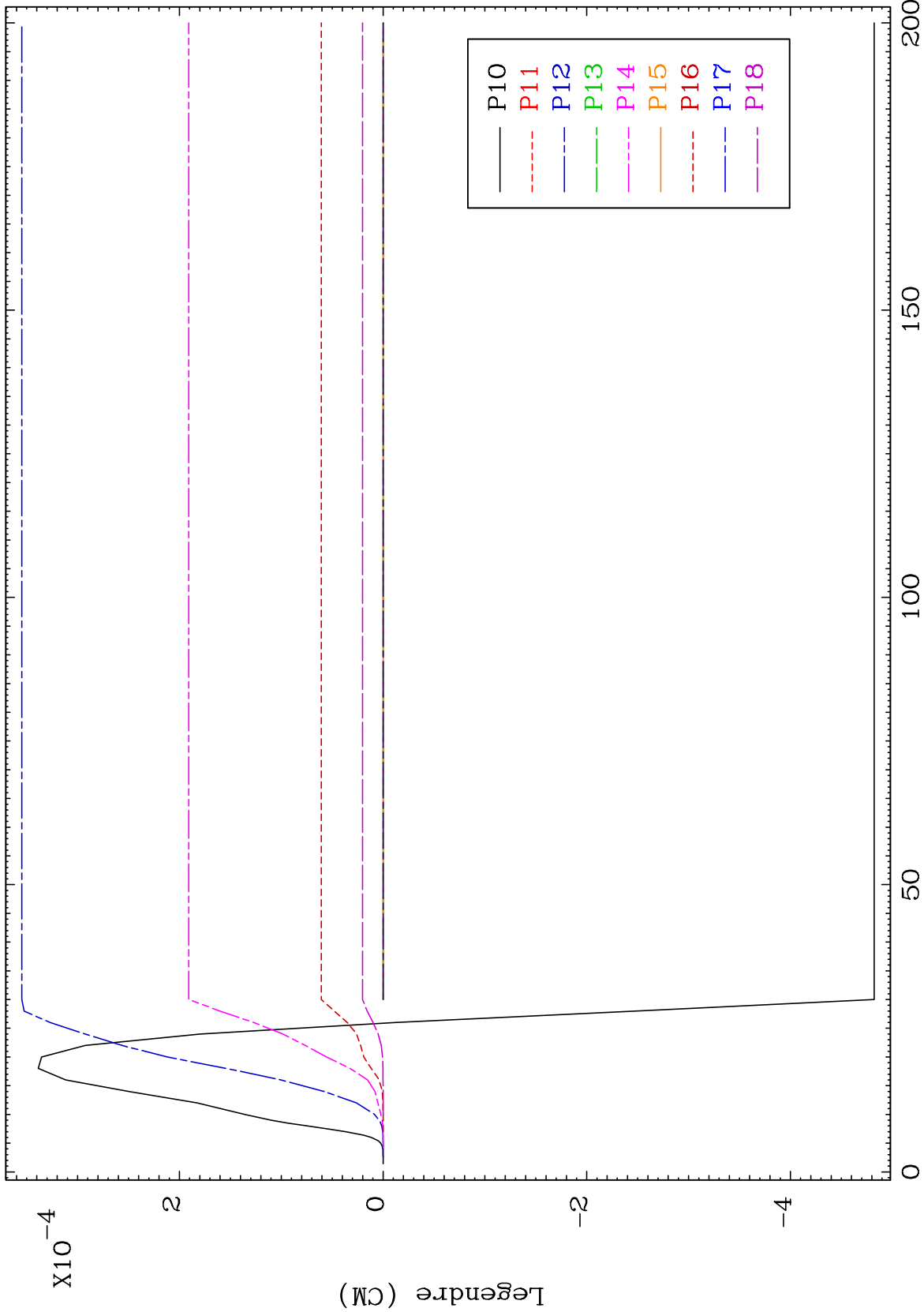
53-I -138



53-I -138

Incident Energy (MeV)

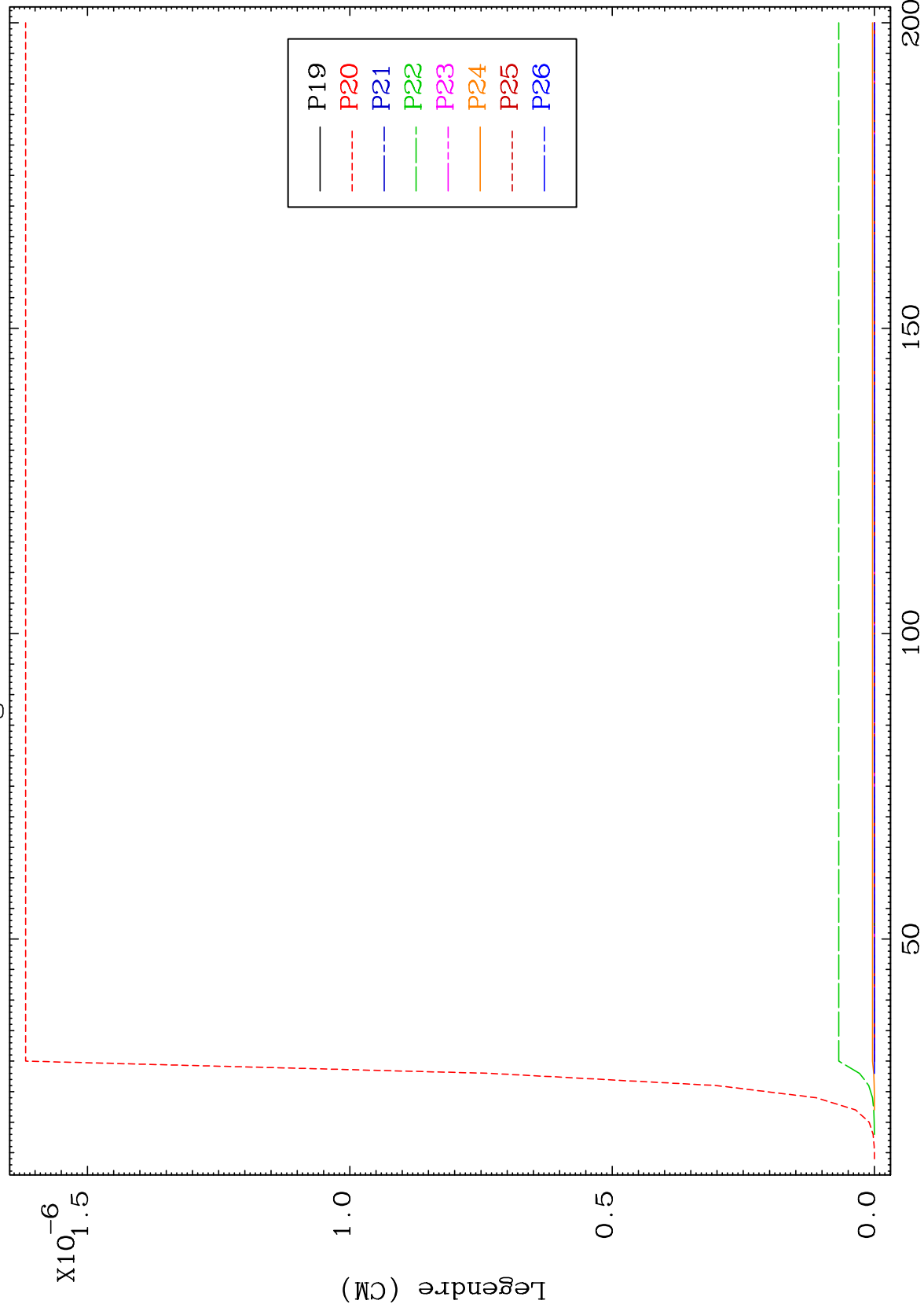
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MAT 5358

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

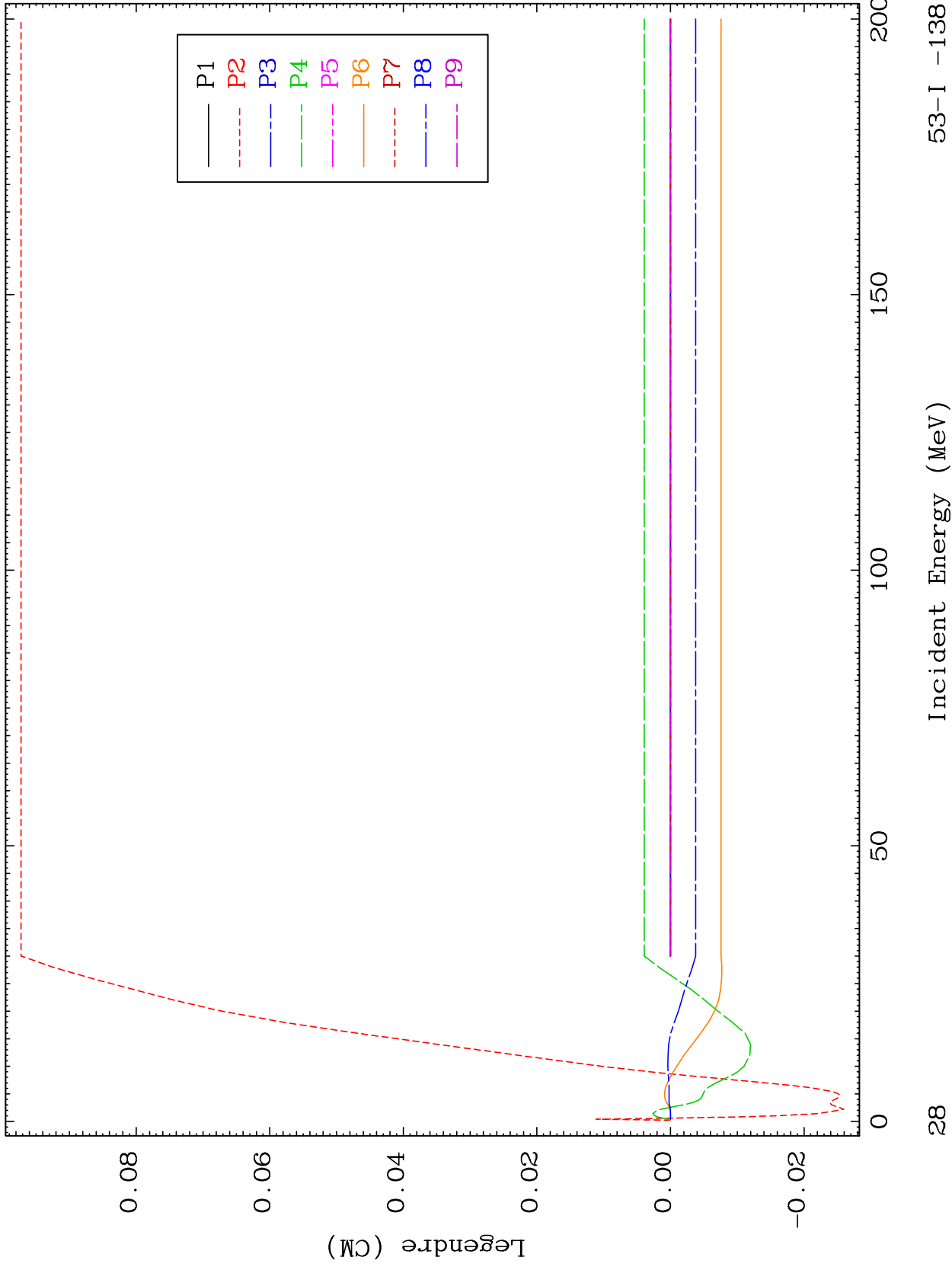
53-I -138

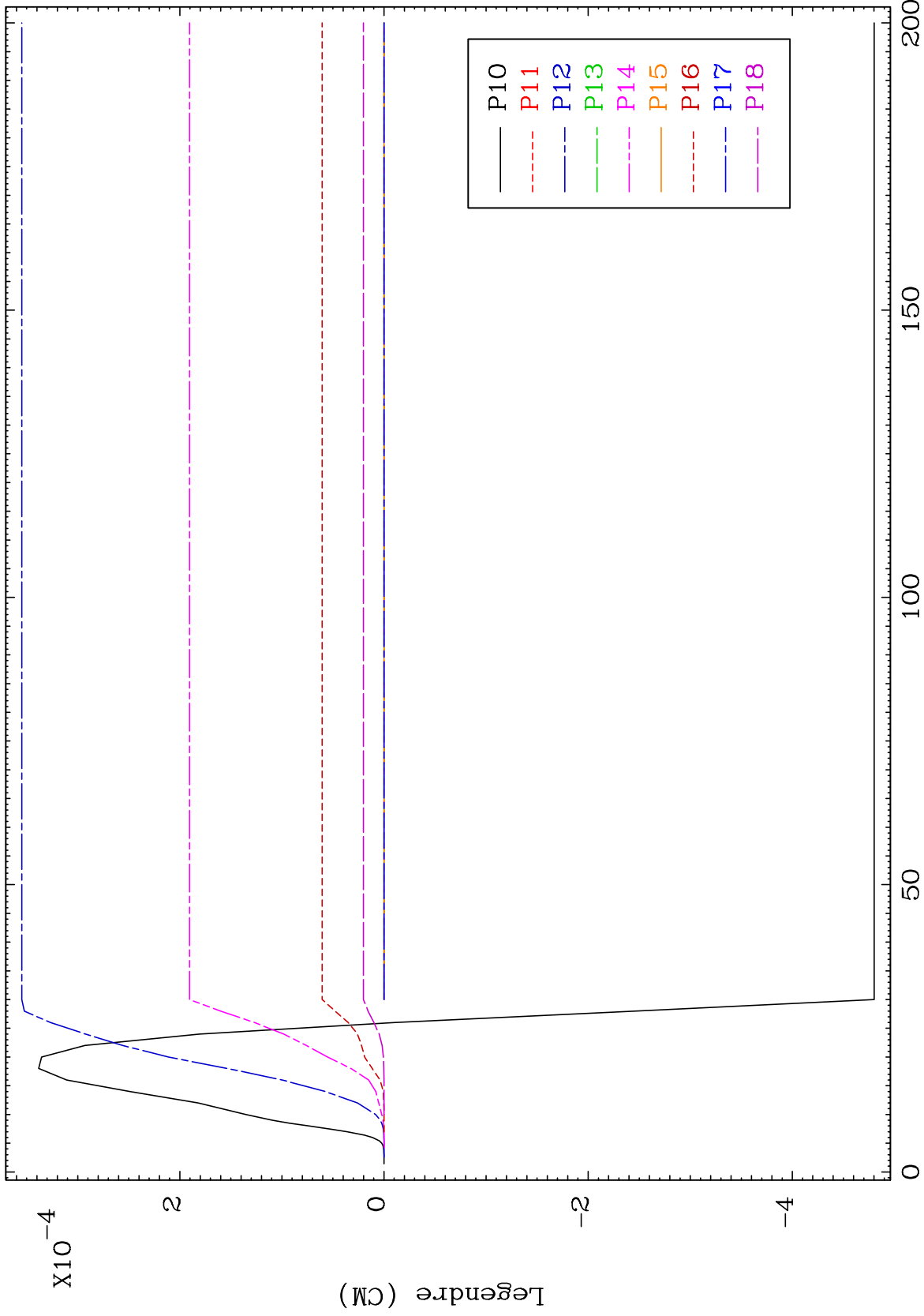


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Incident Energy (MeV)

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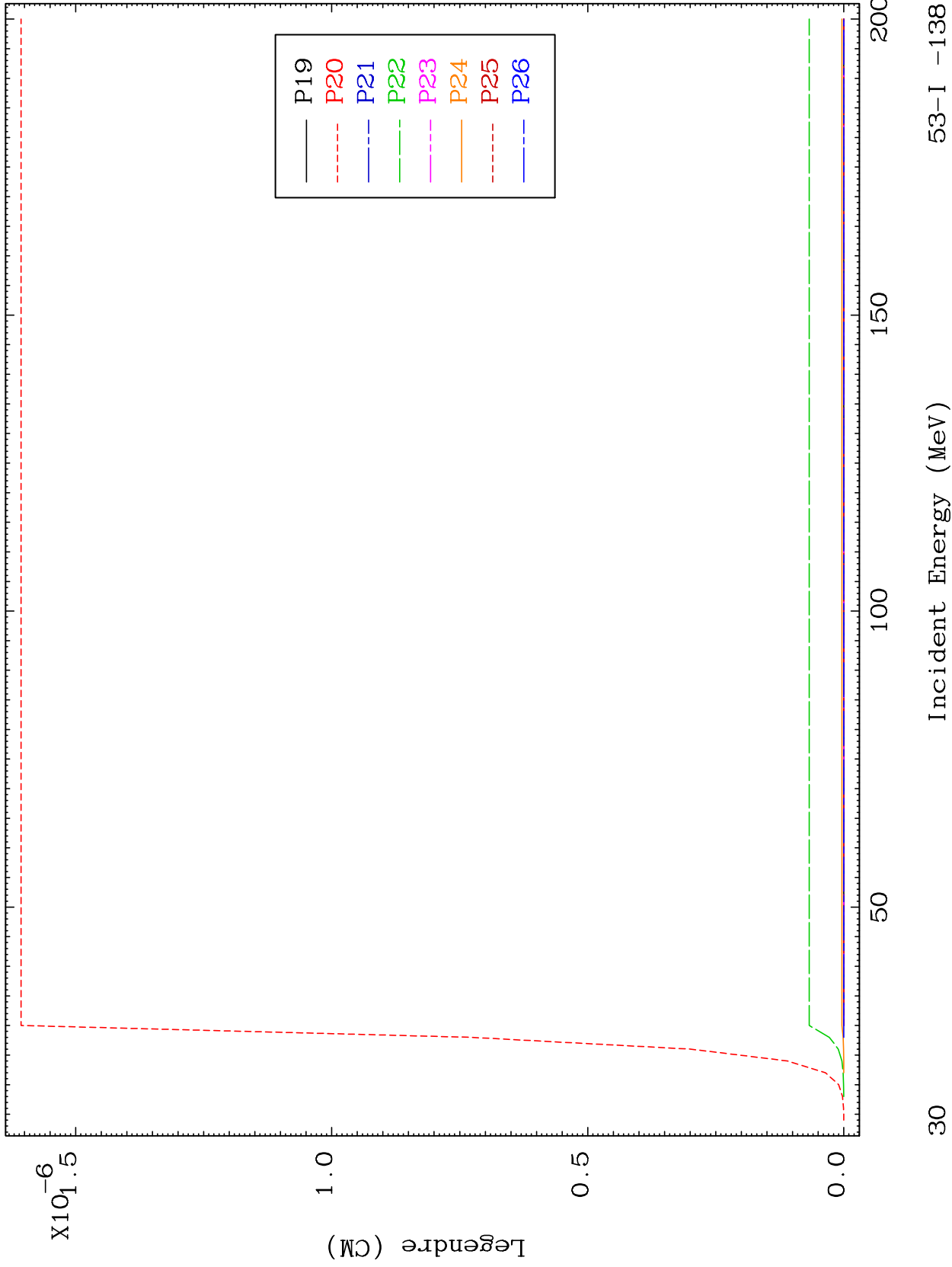




MAT 5358

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

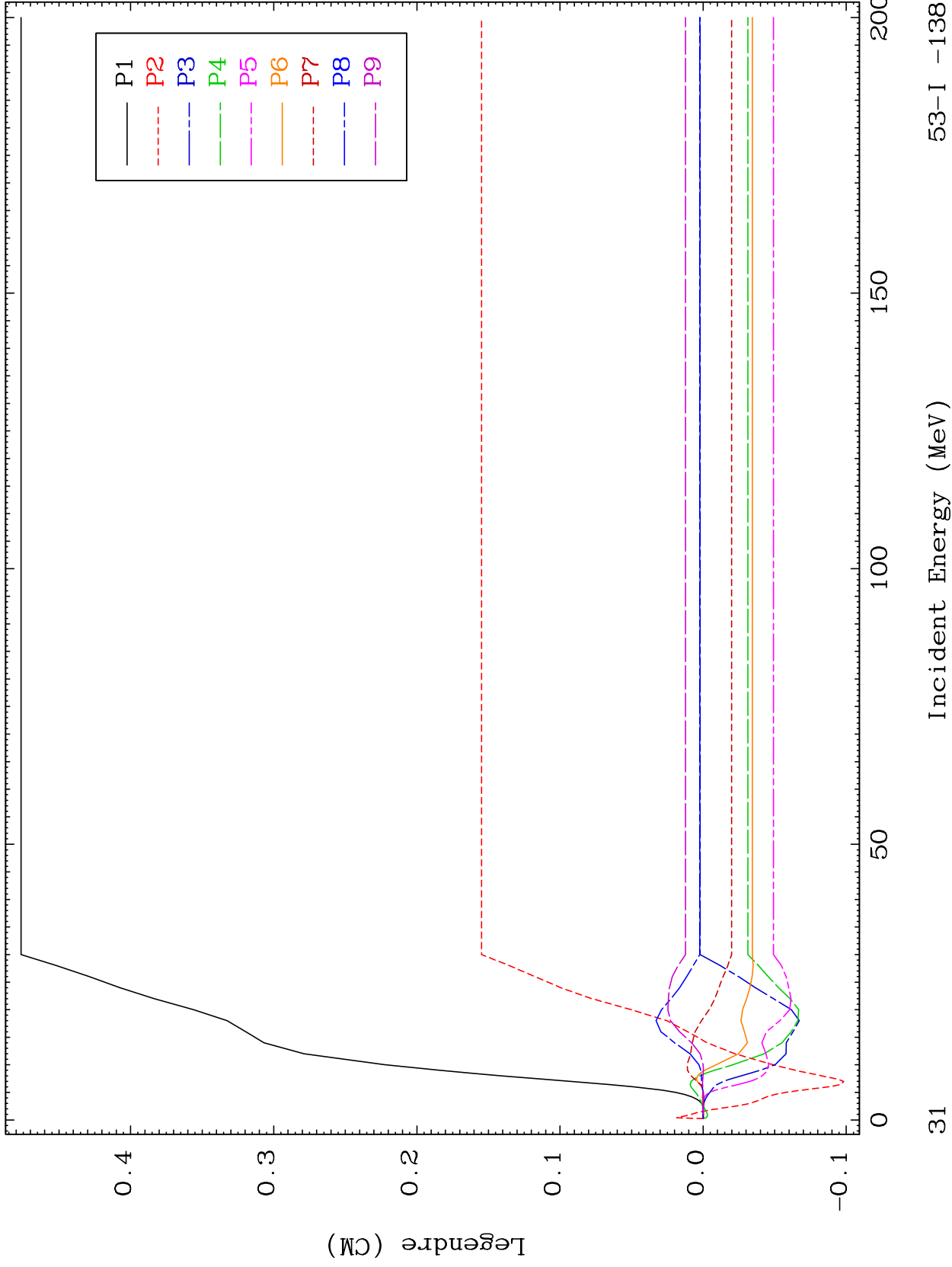
53-I -138

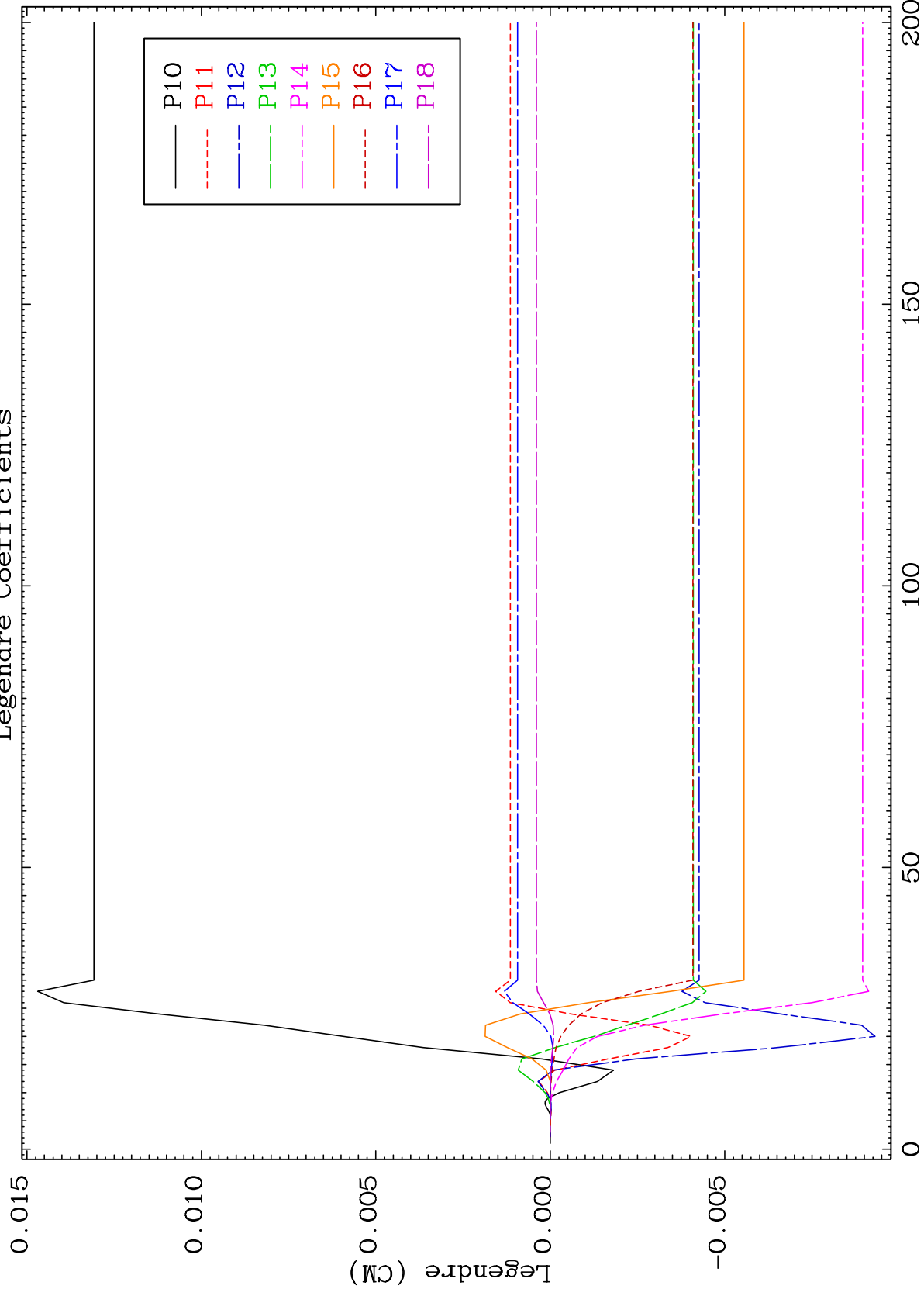


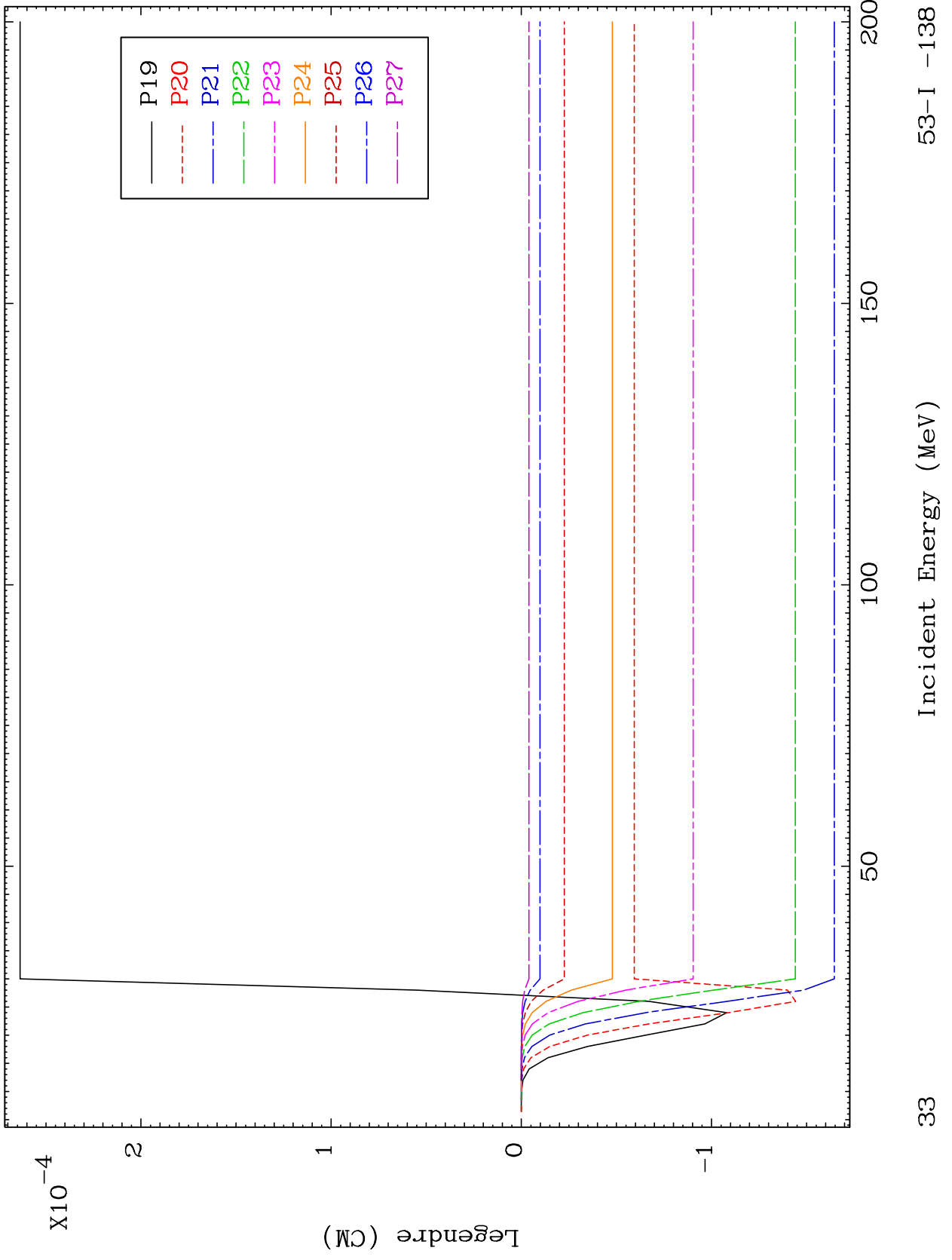
30

Incident Energy (MeV)

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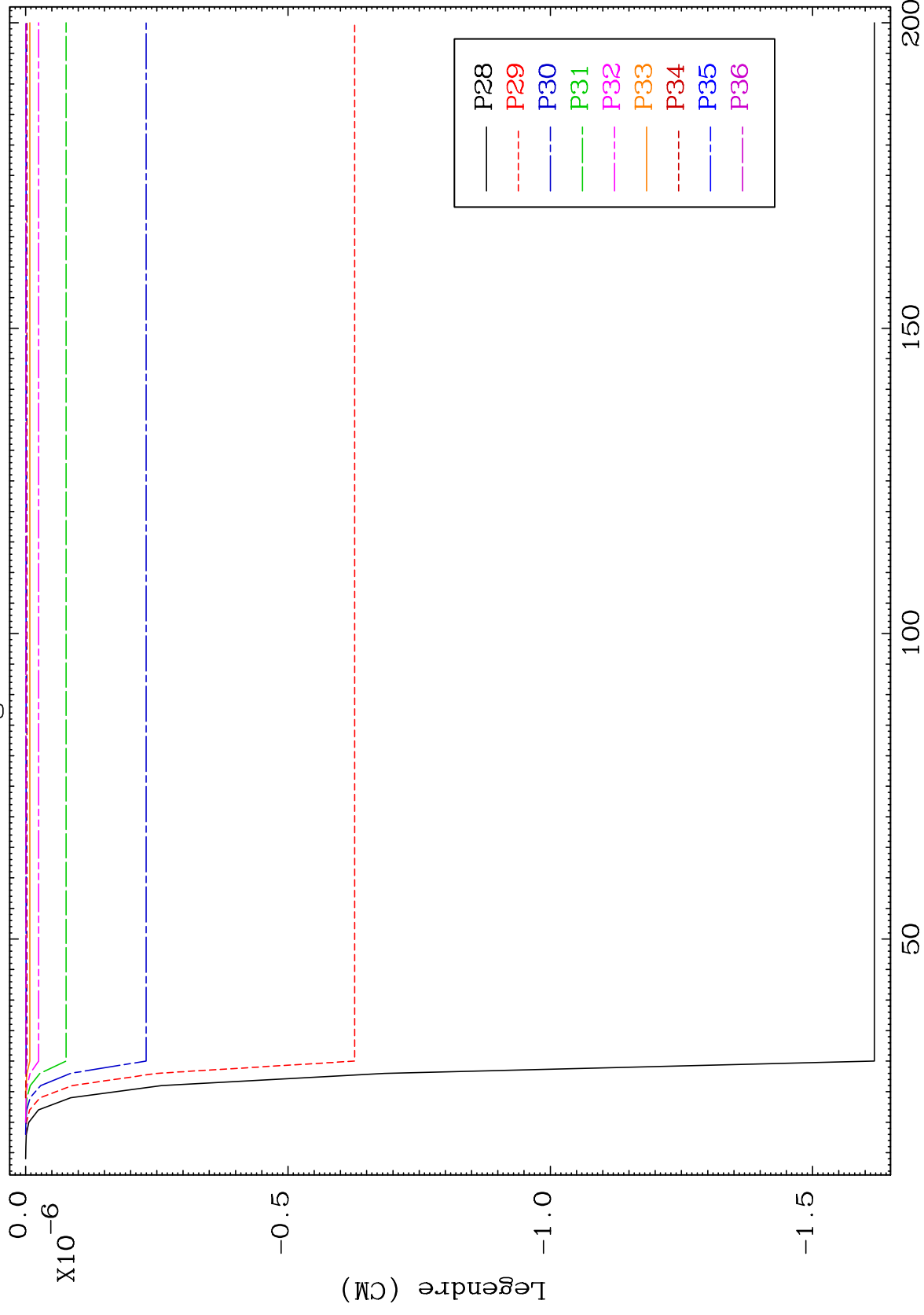




MAT 5358

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

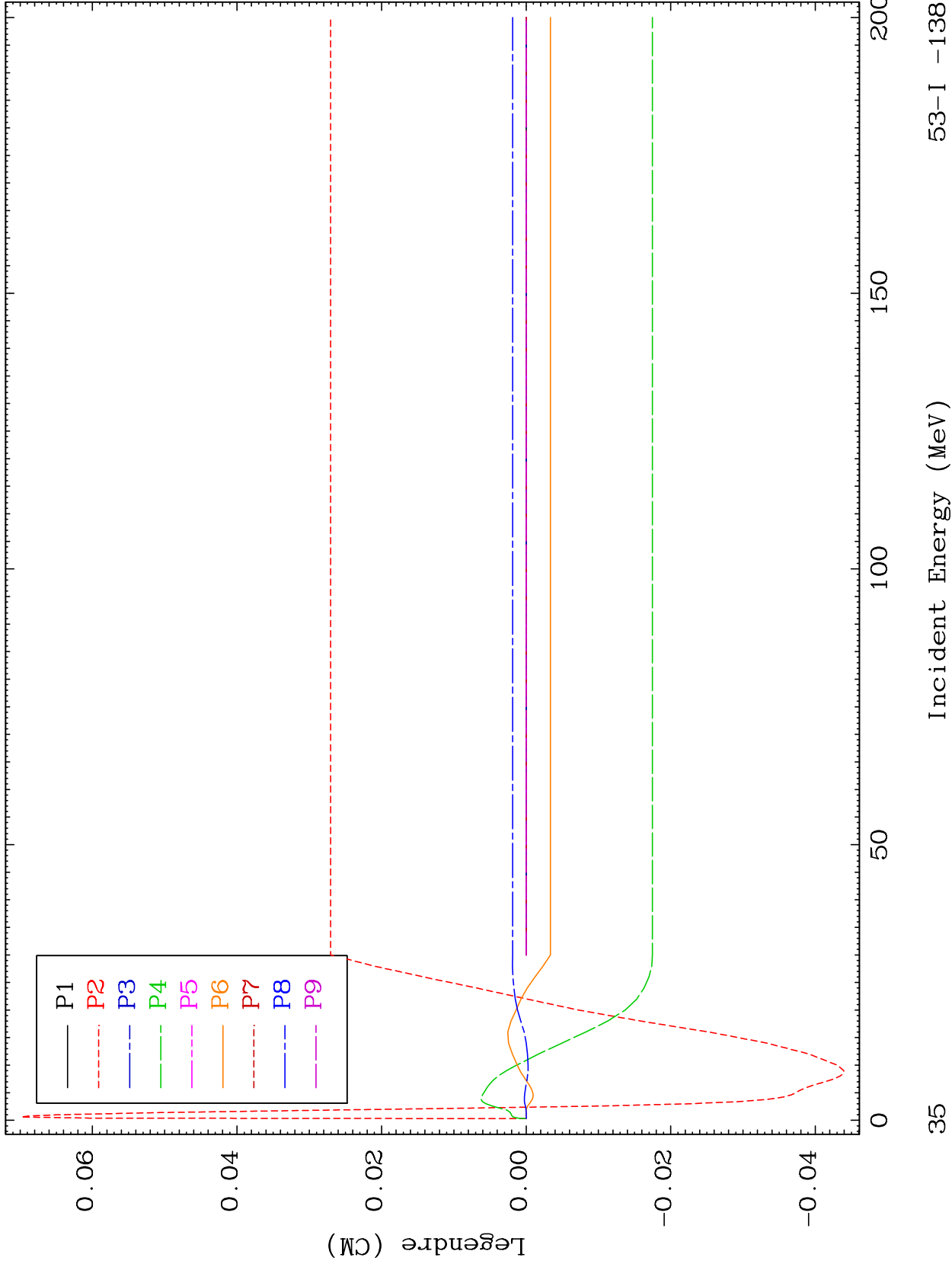
53-I -138

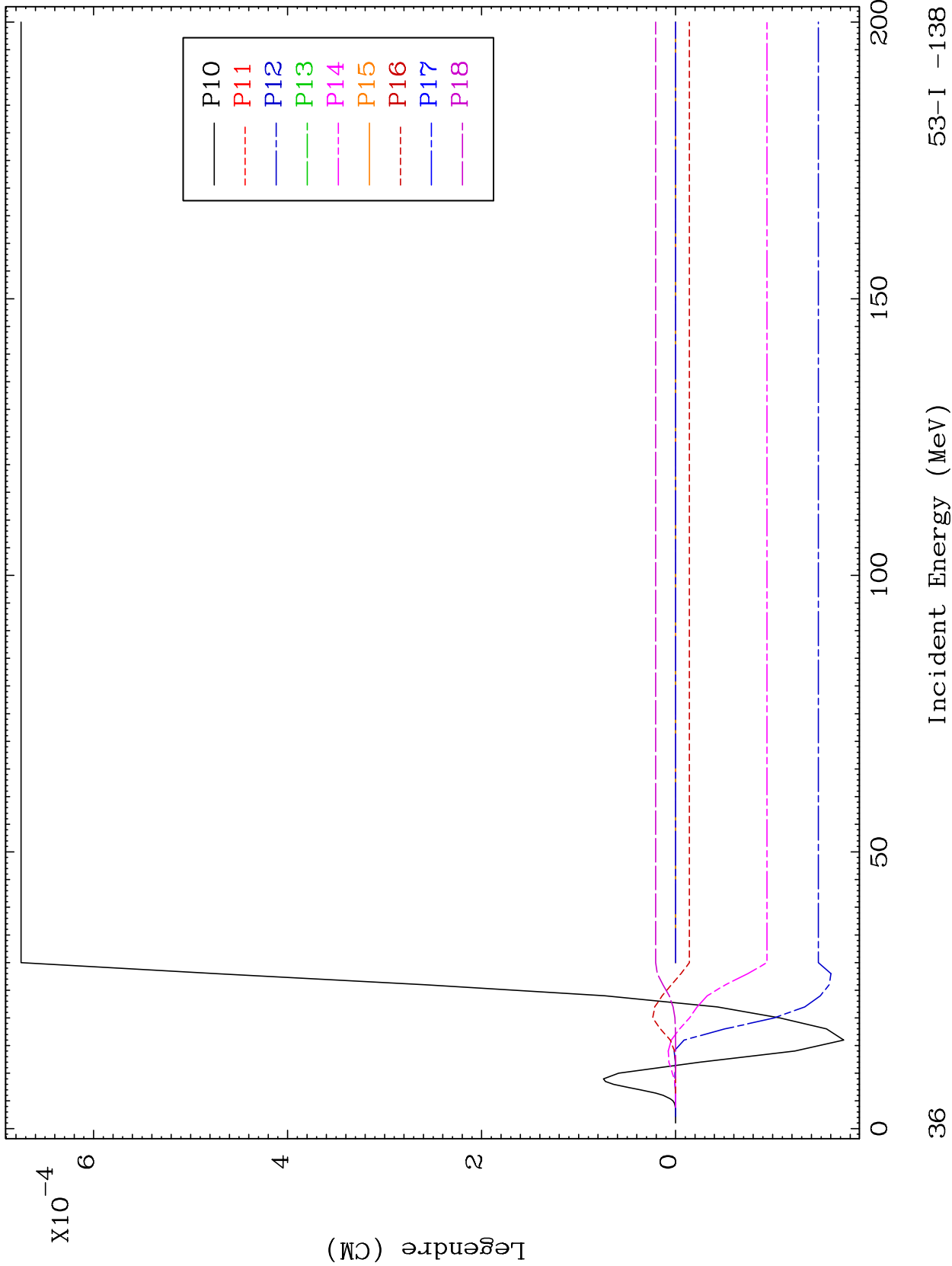


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Incident Energy (MeV)

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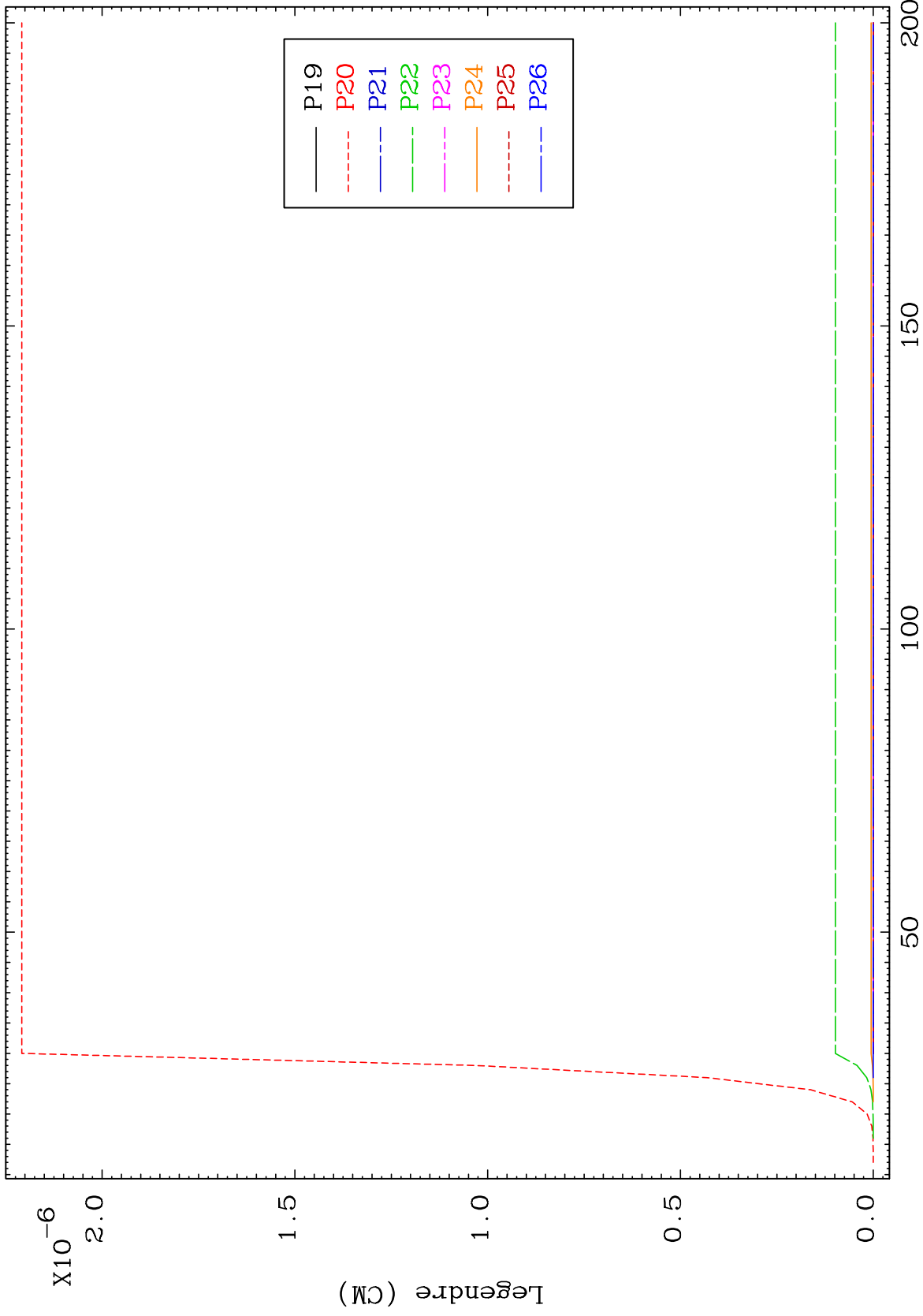




MAT 5358

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

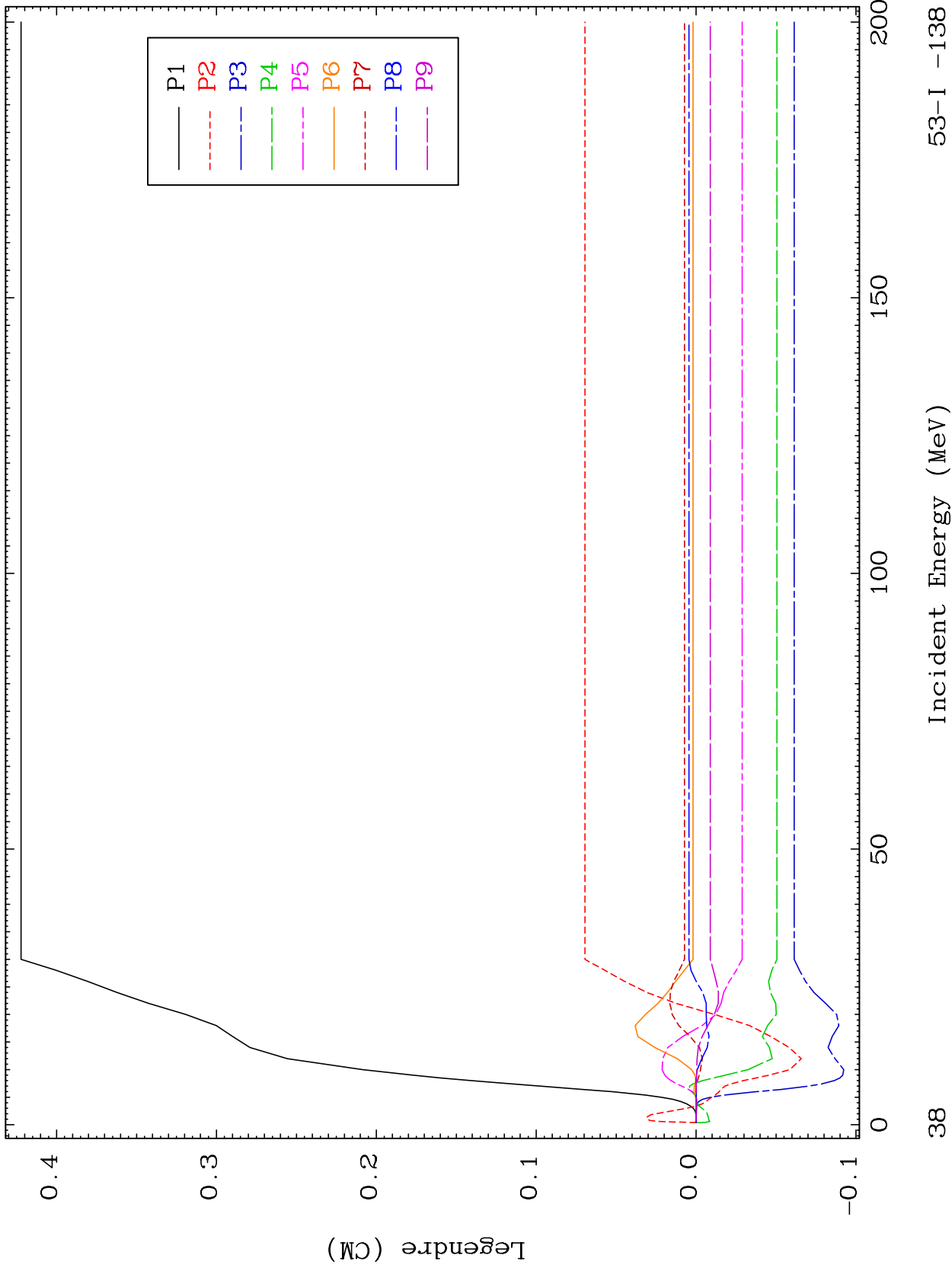
53-I -138



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Incident Energy (MeV)

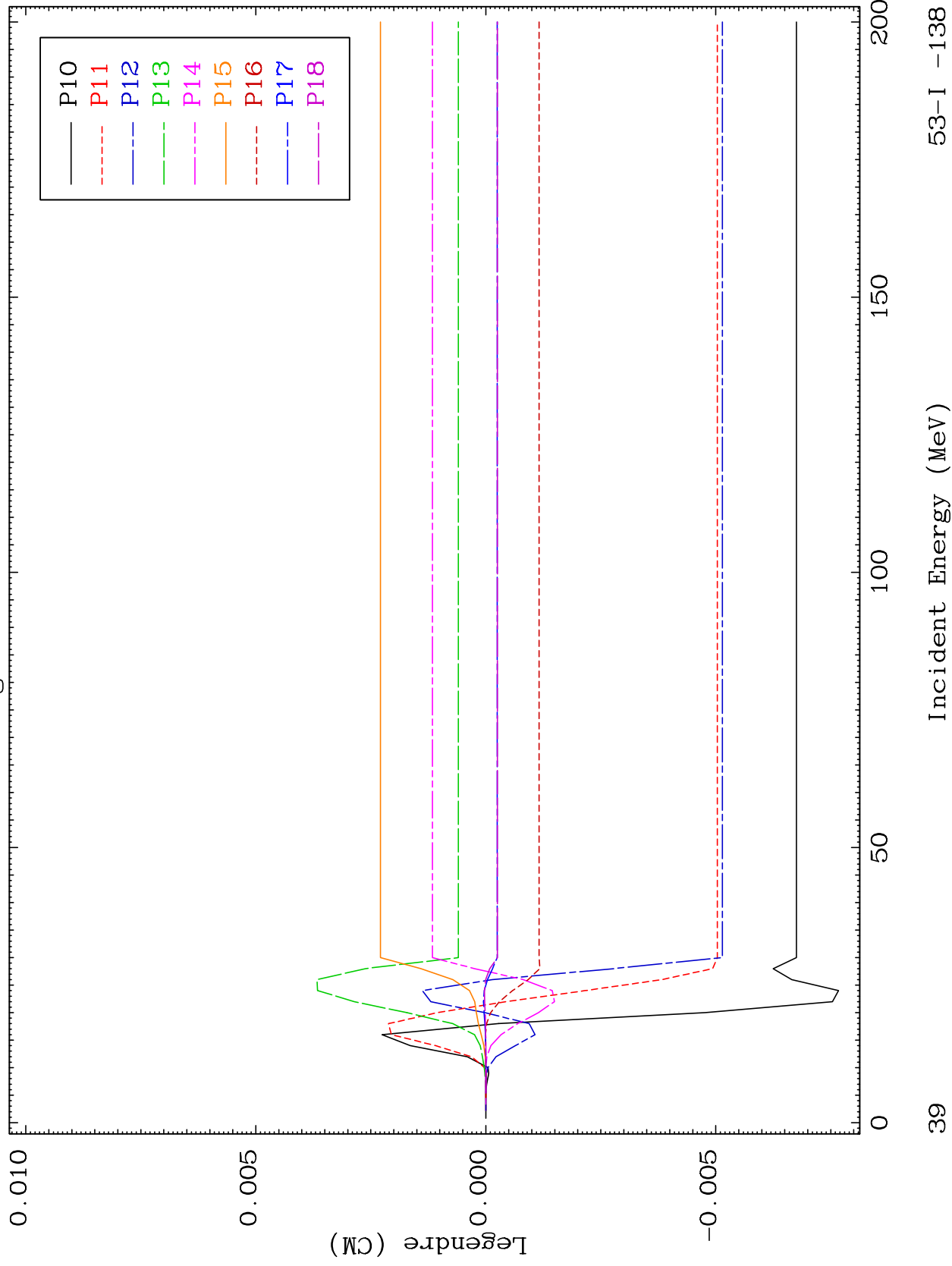
53-I -138



MAT 5358

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

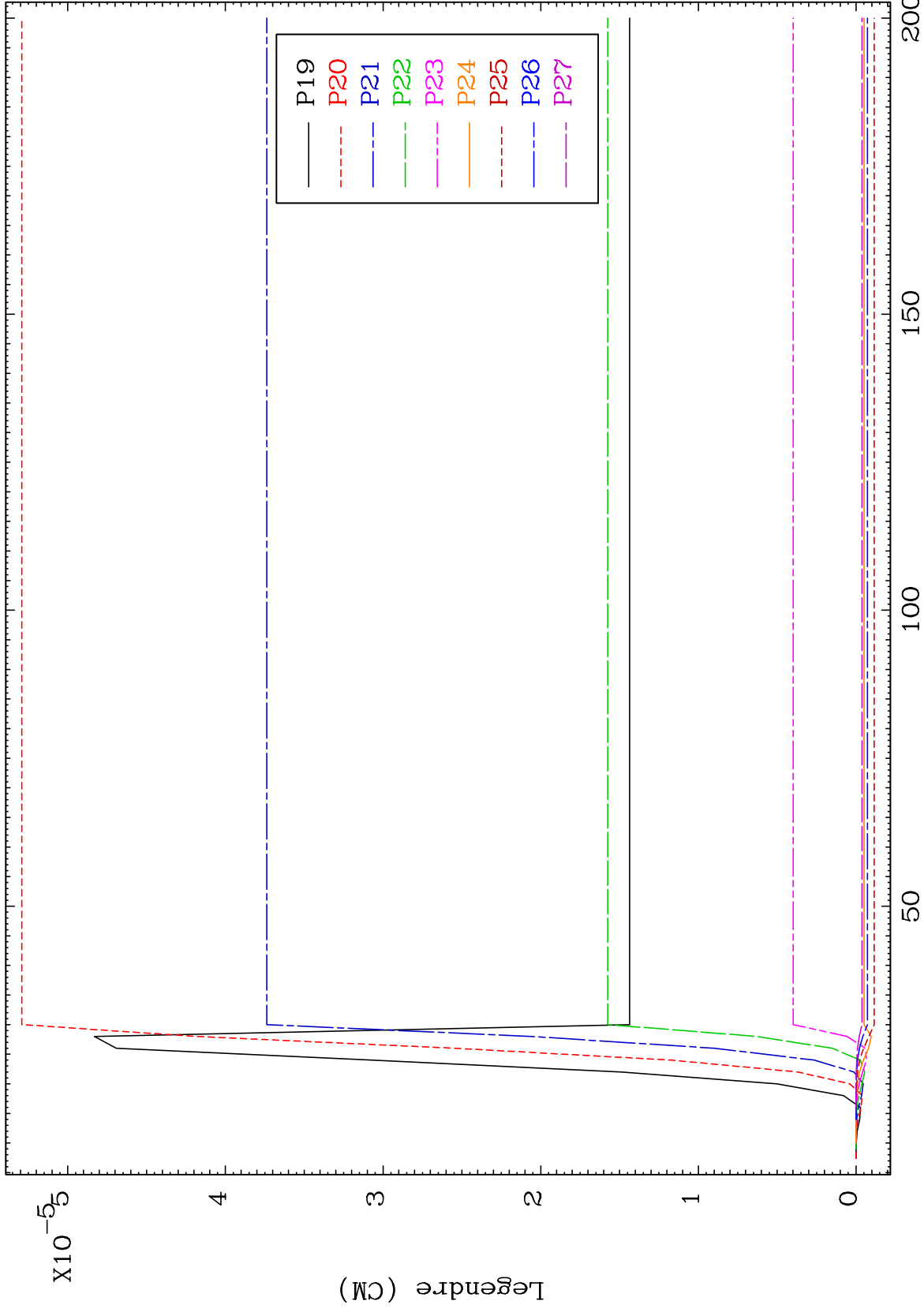
53-I -138



MAT 5358

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

53-I -138

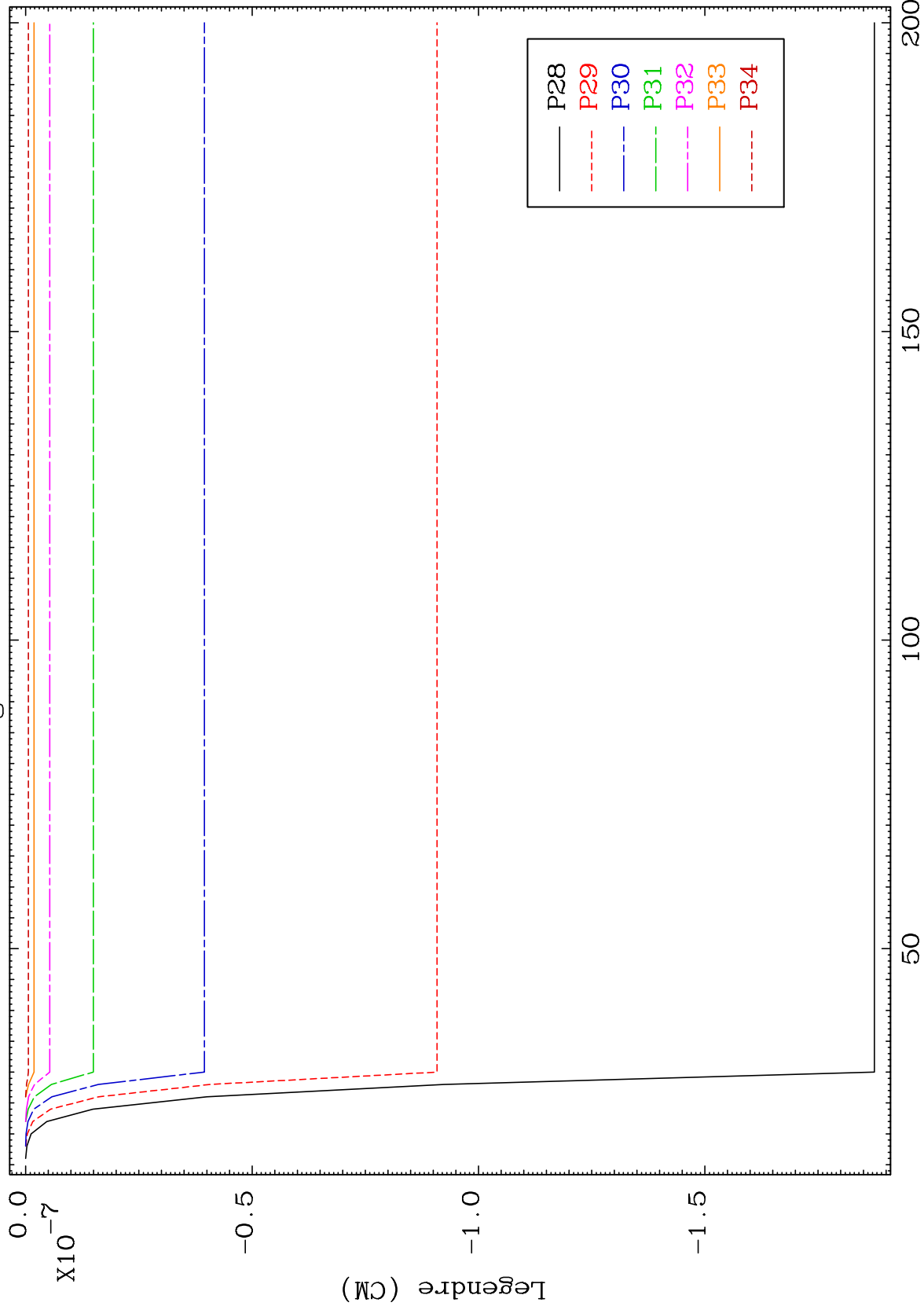


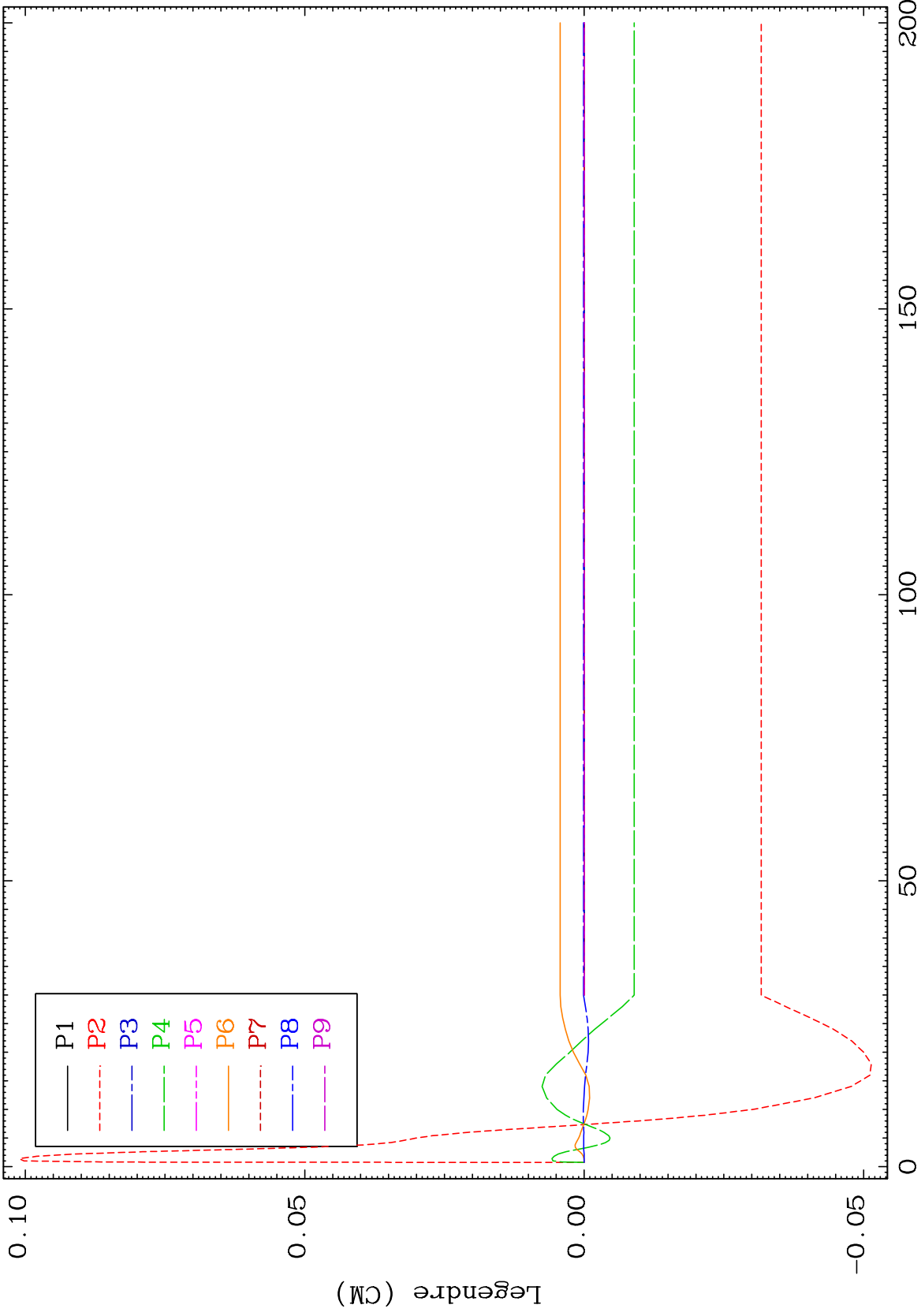
40

Incident Energy (MeV)

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Legendre Coefficients

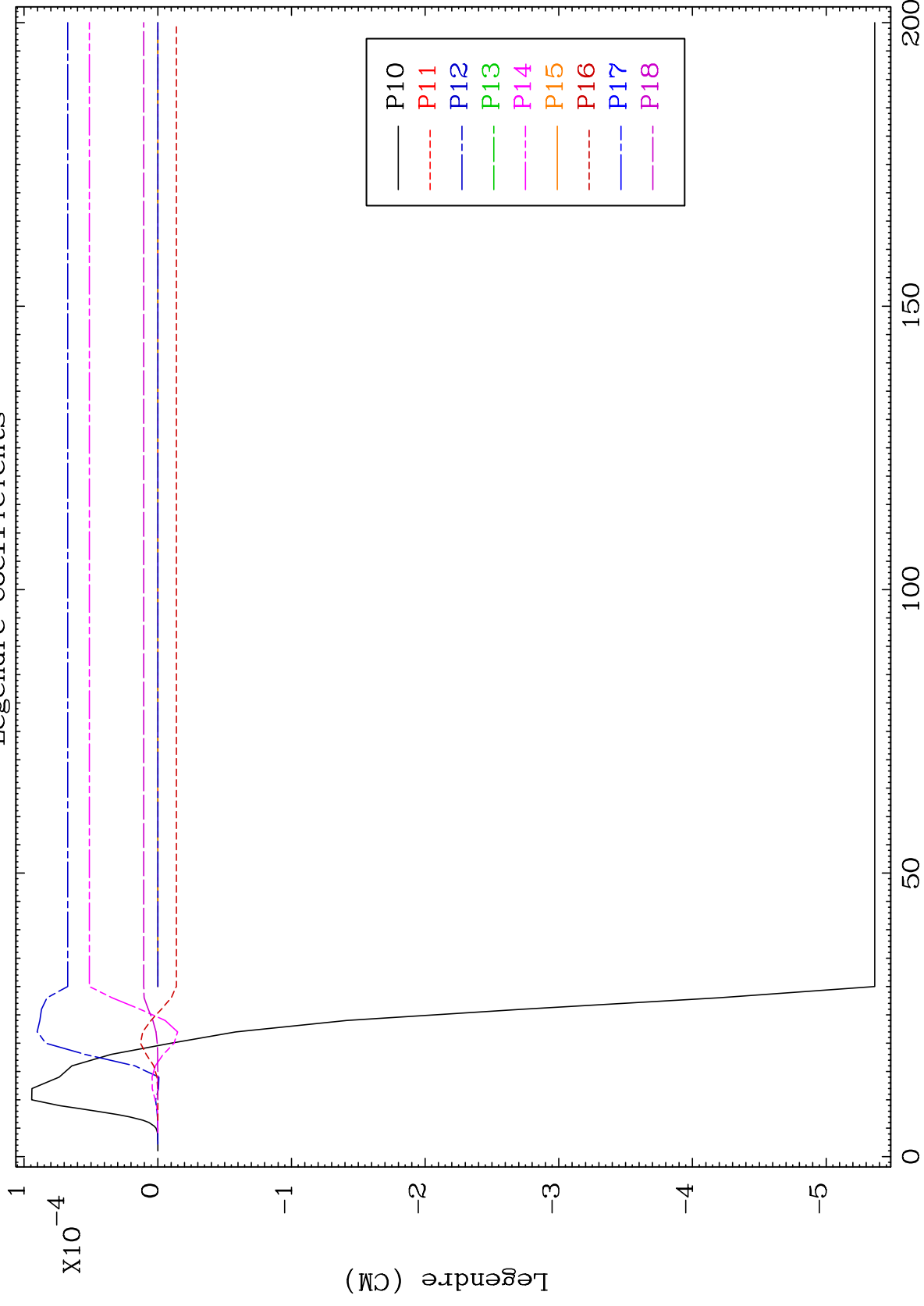




MAT 5358

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

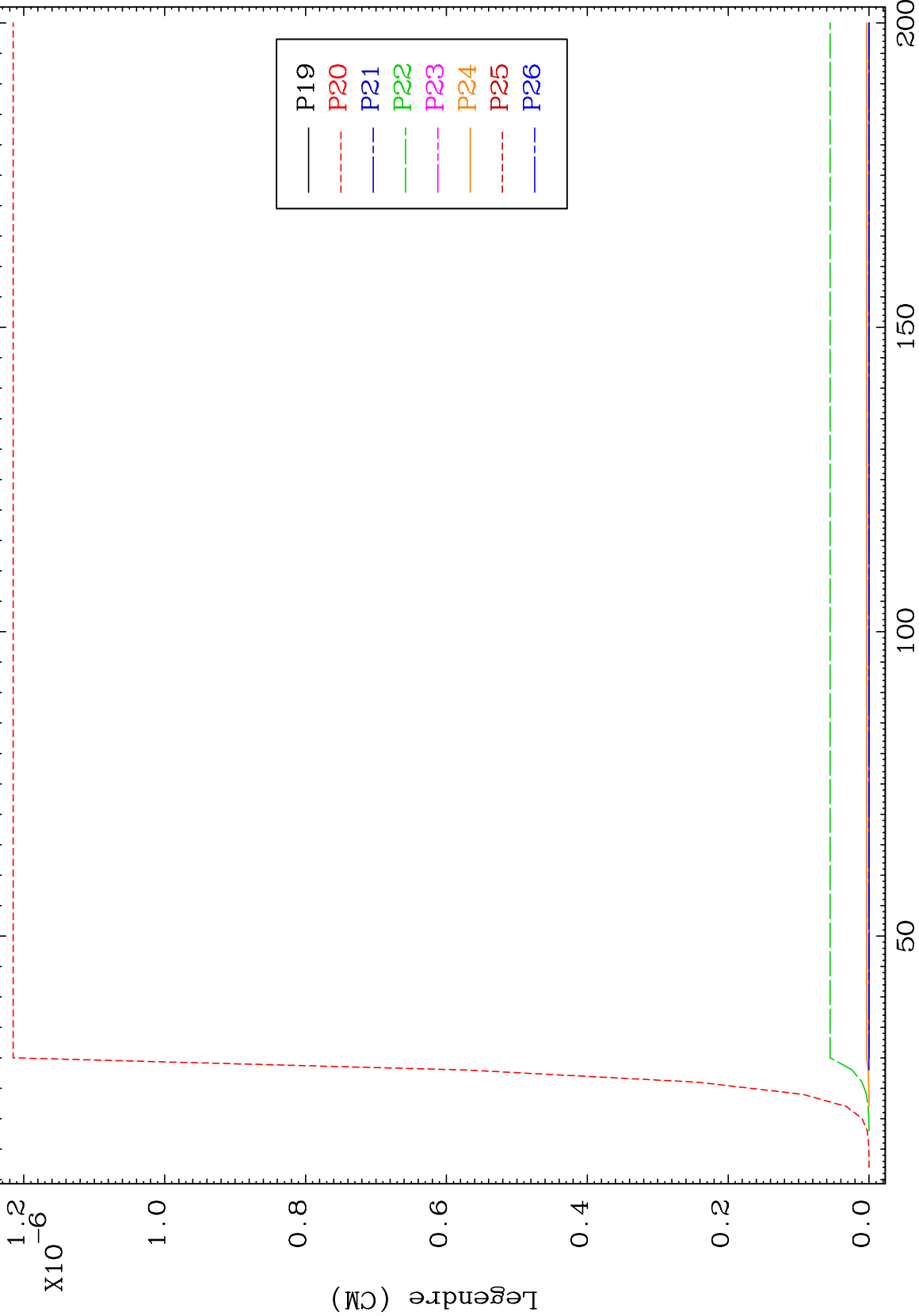
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Incident Energy (MeV)

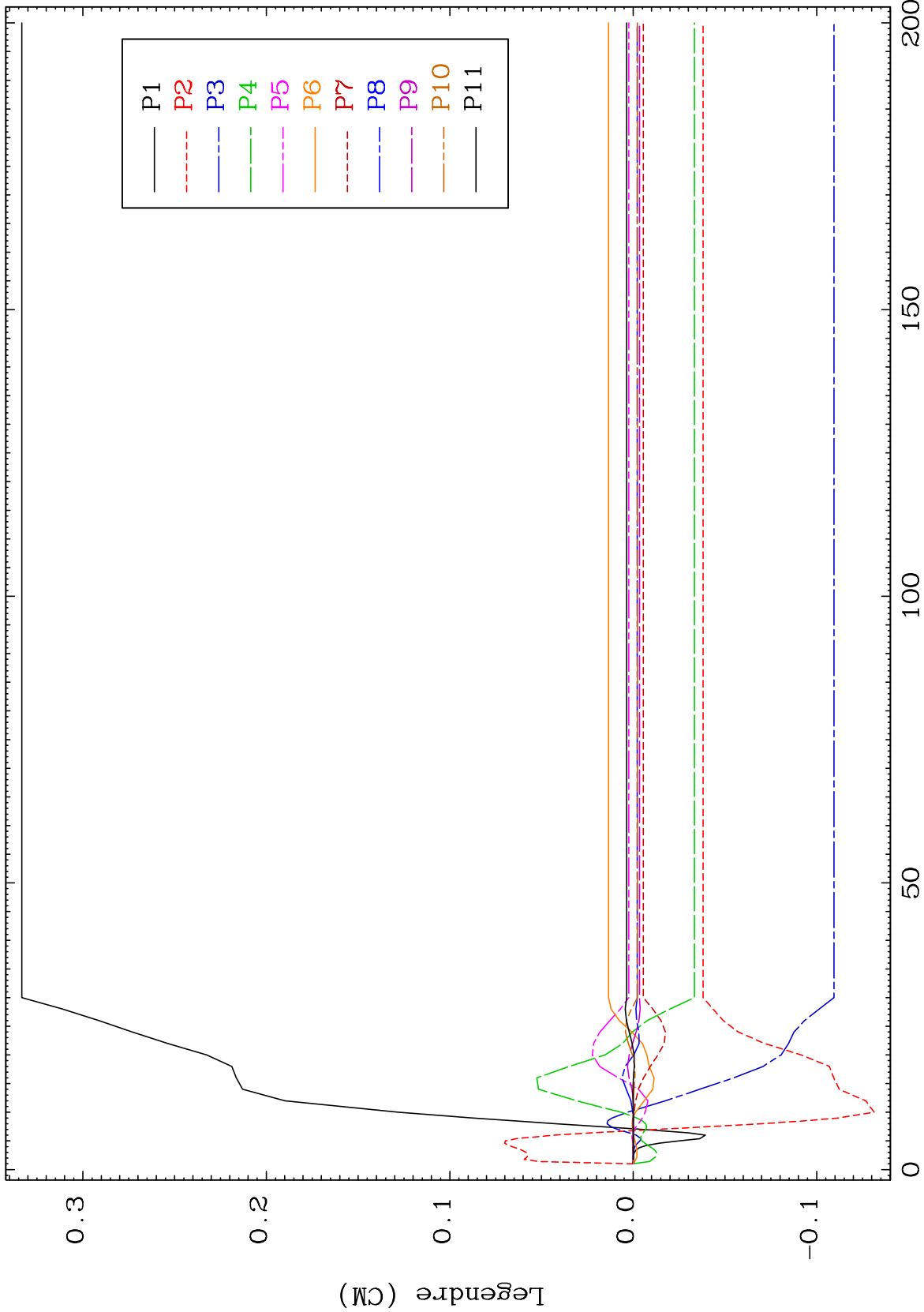
53-I -138



MAT 5358

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

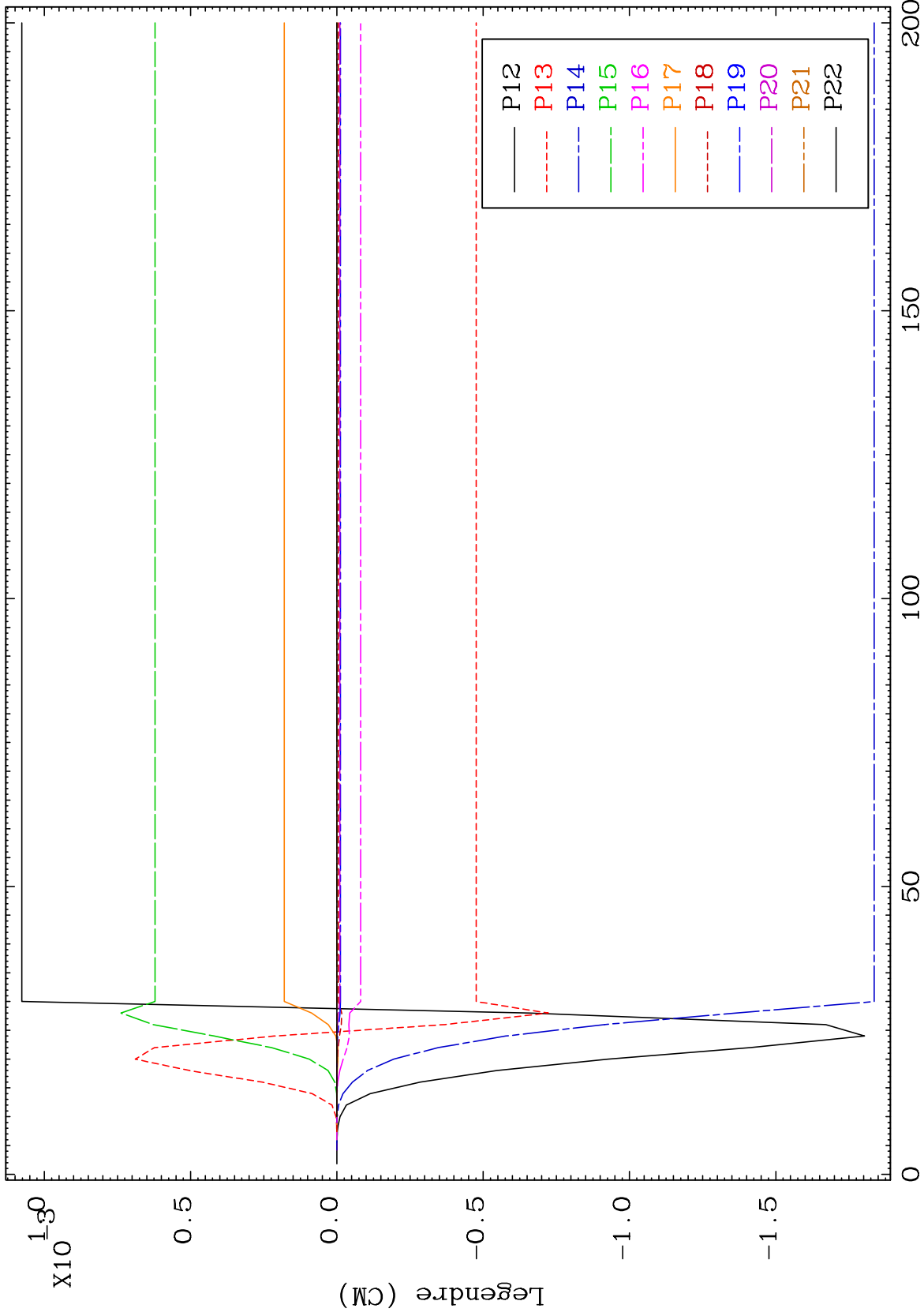
53-I -138



53-I -138

Incident Energy (MeV)

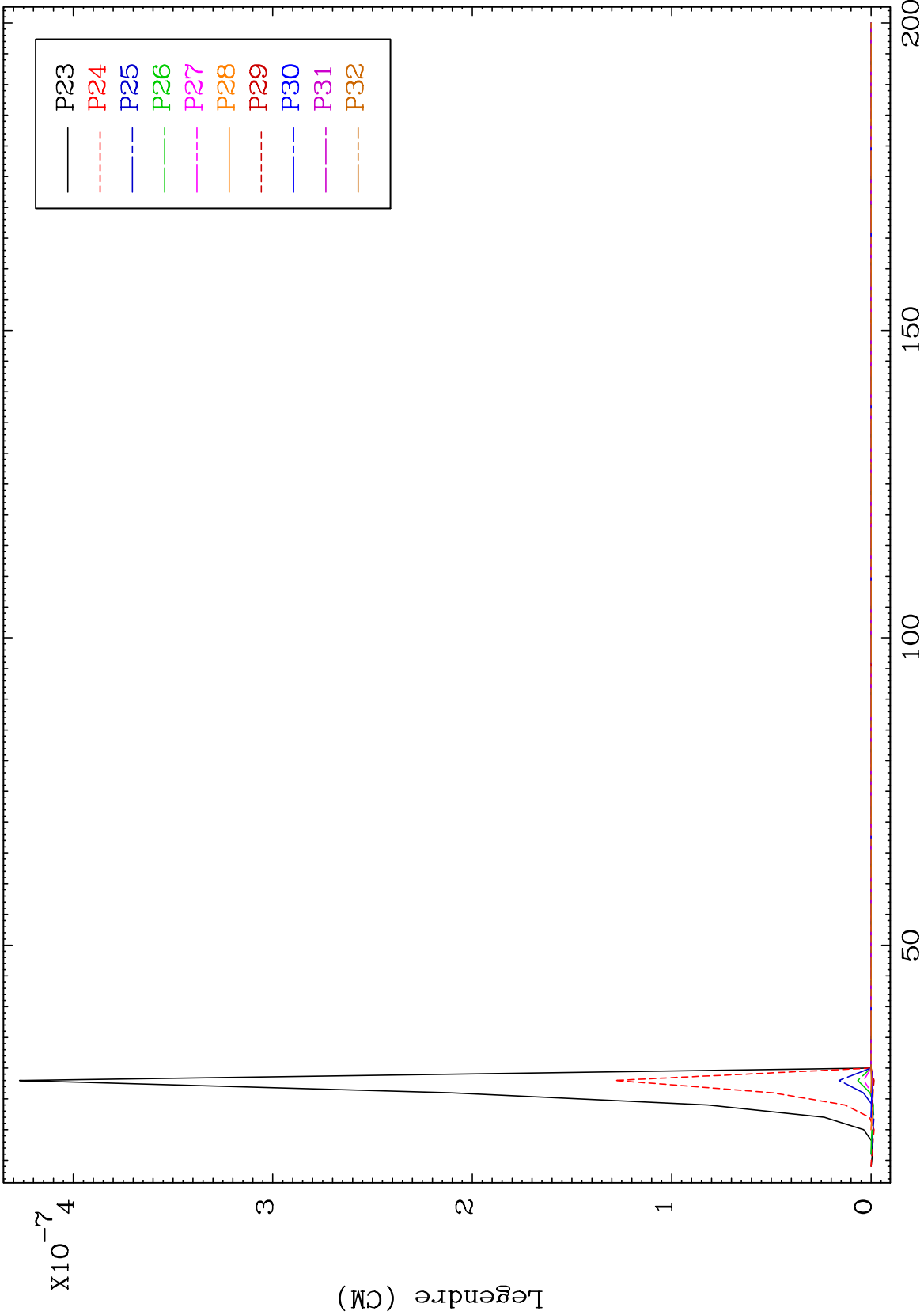
45



MAT 5358

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

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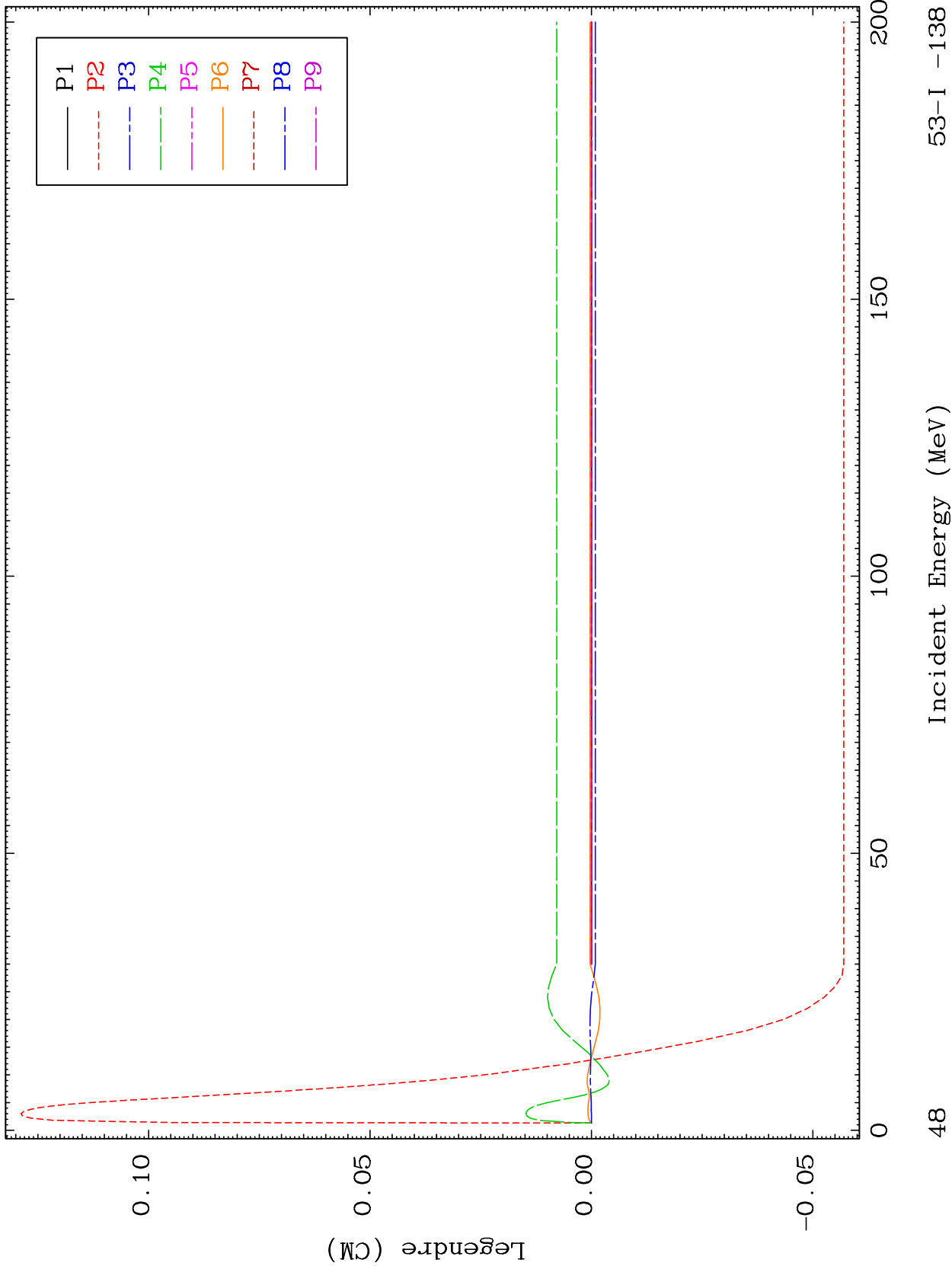
Incident Energy (MeV)

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MAT 5358

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

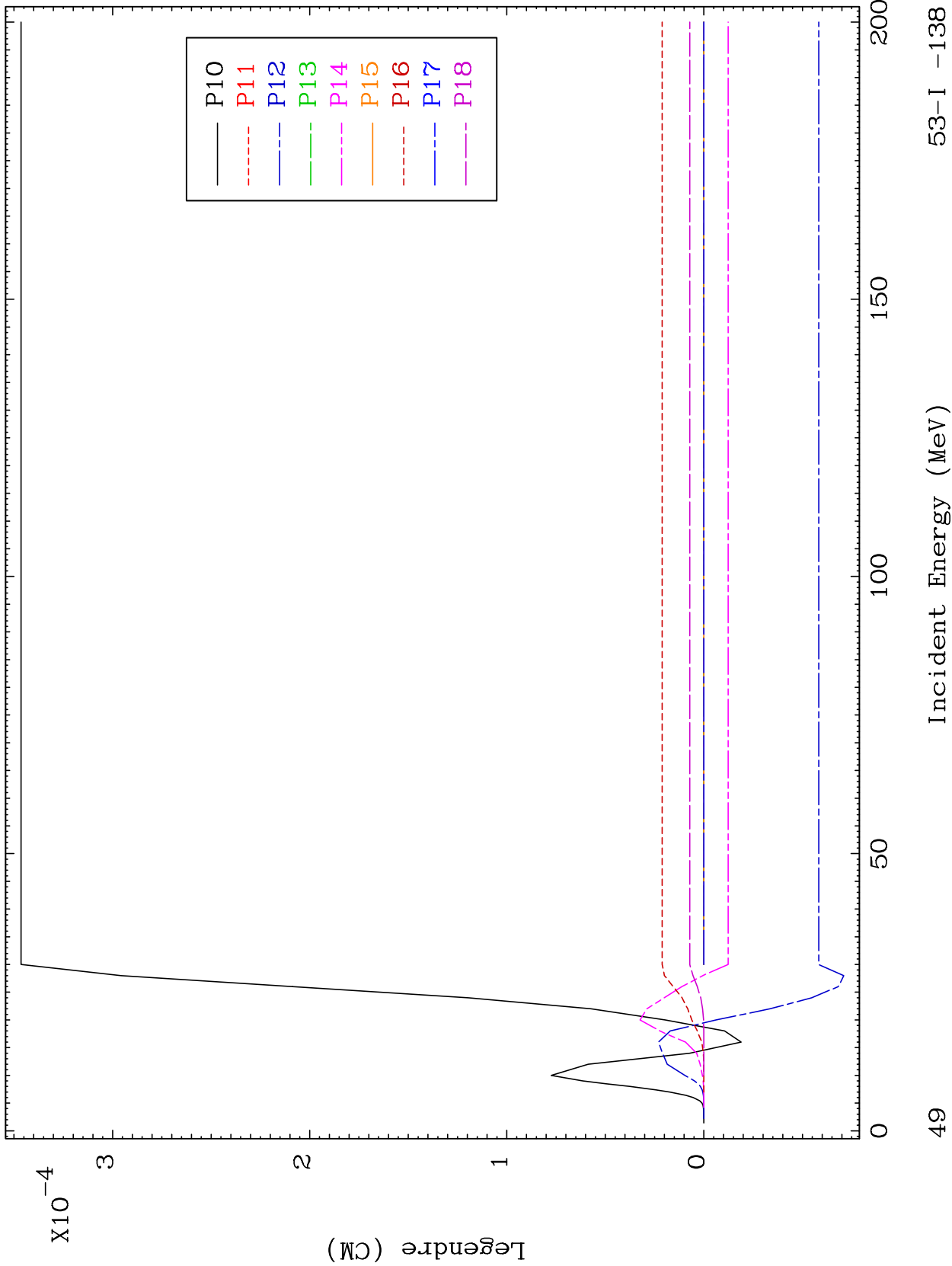
53-I -138



53-I -138

Incident Energy (MeV)

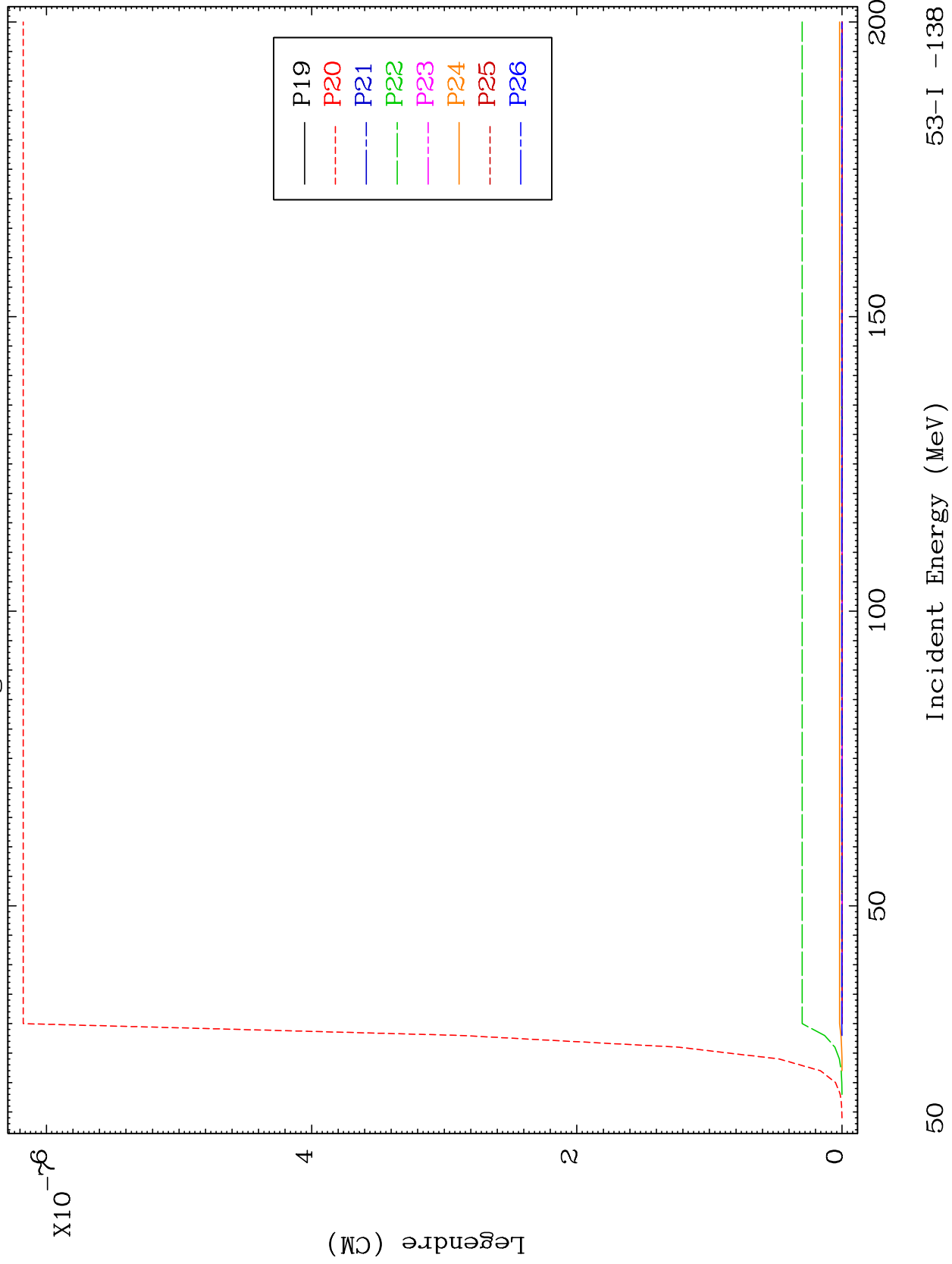
48



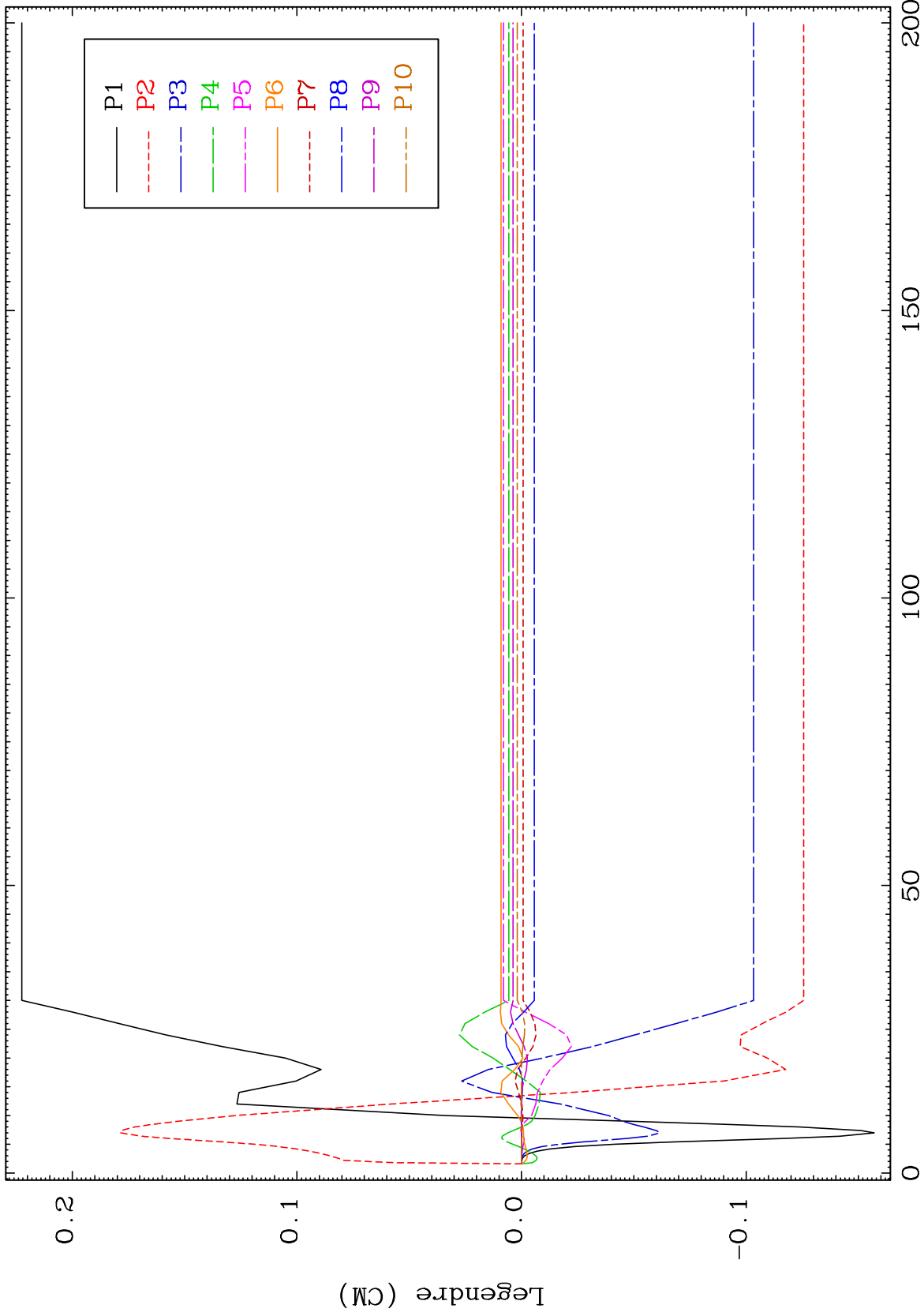
MAT 5358

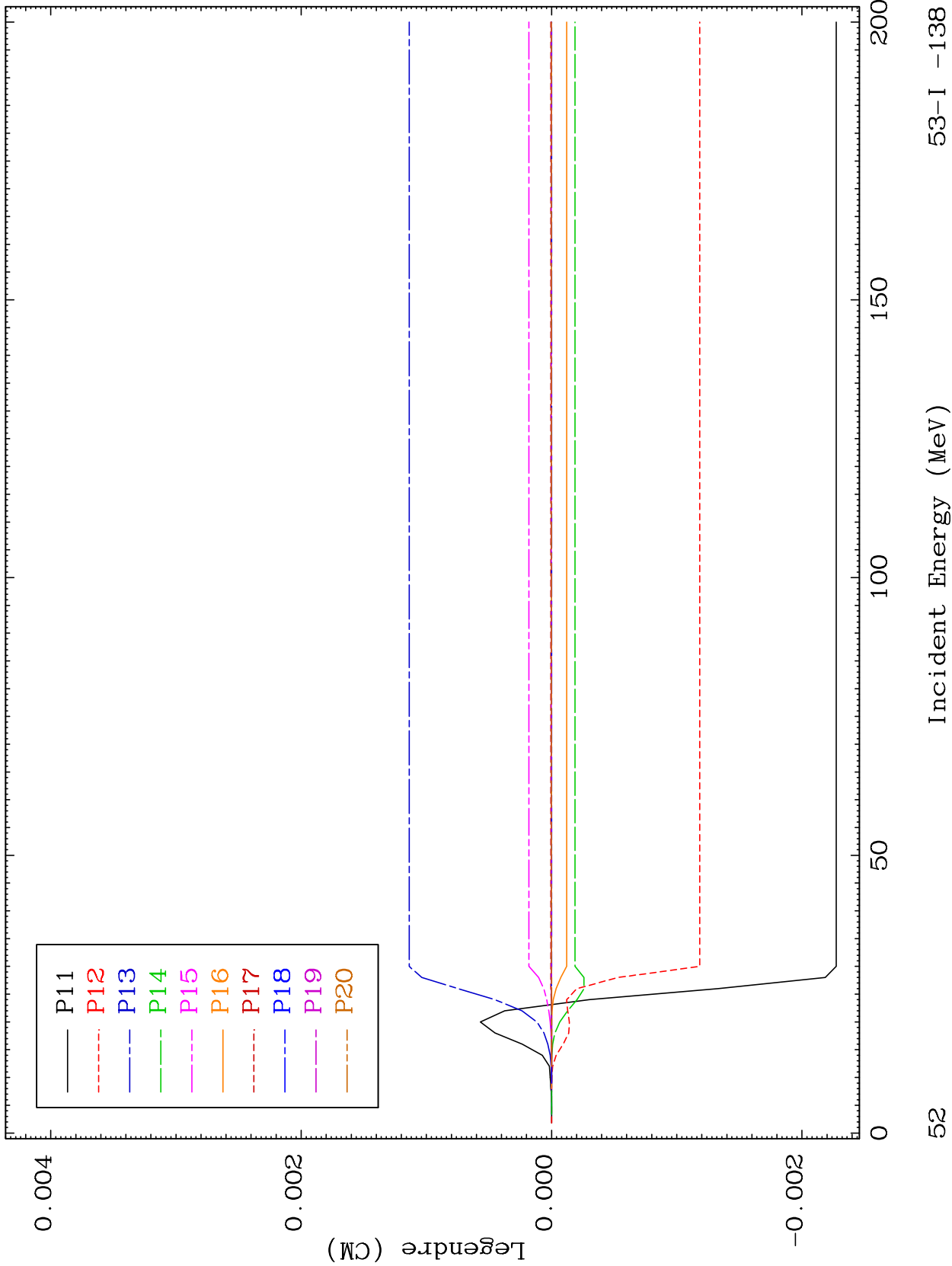
MT= 59 (n,n') Level
Legendre Coefficients

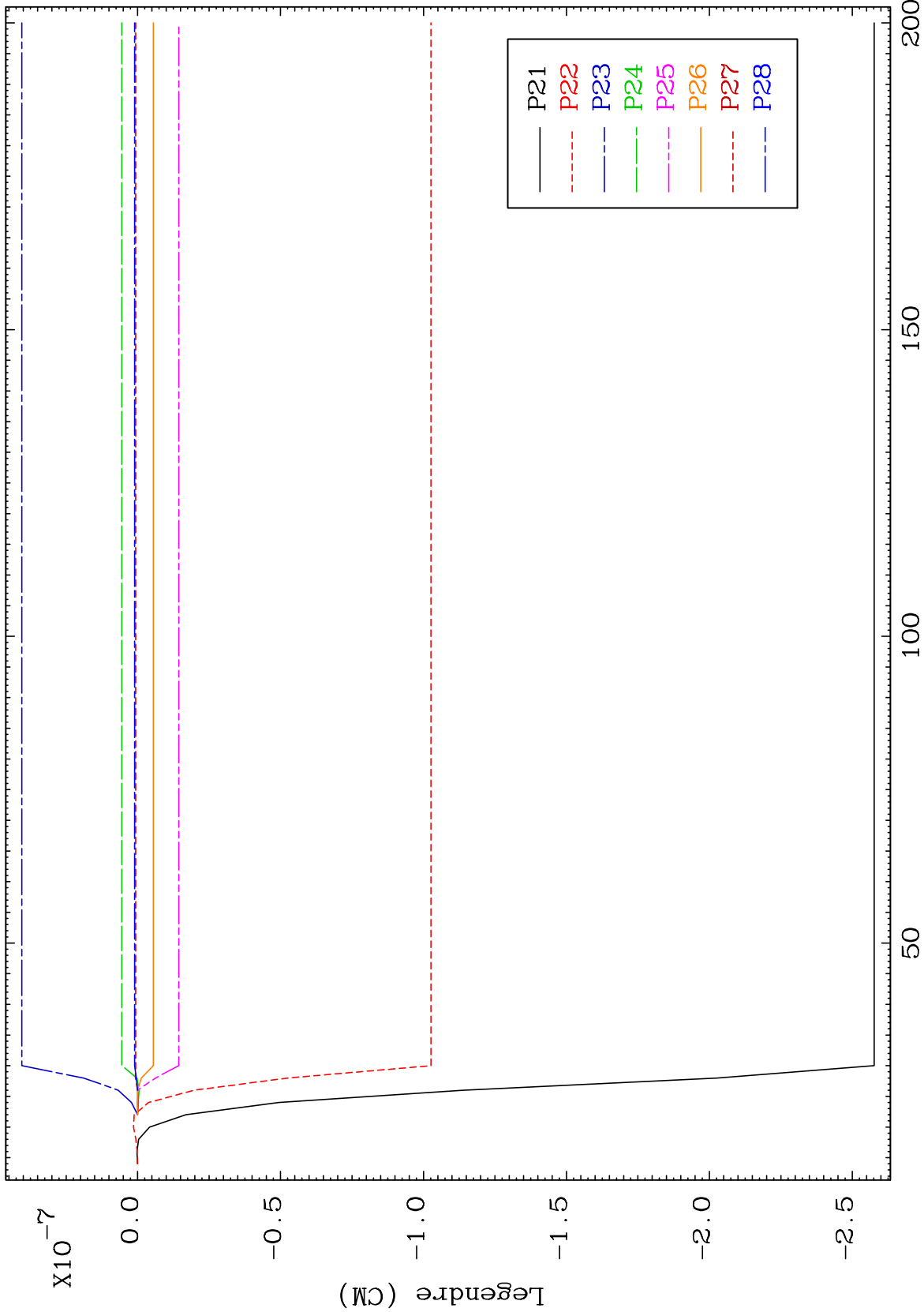
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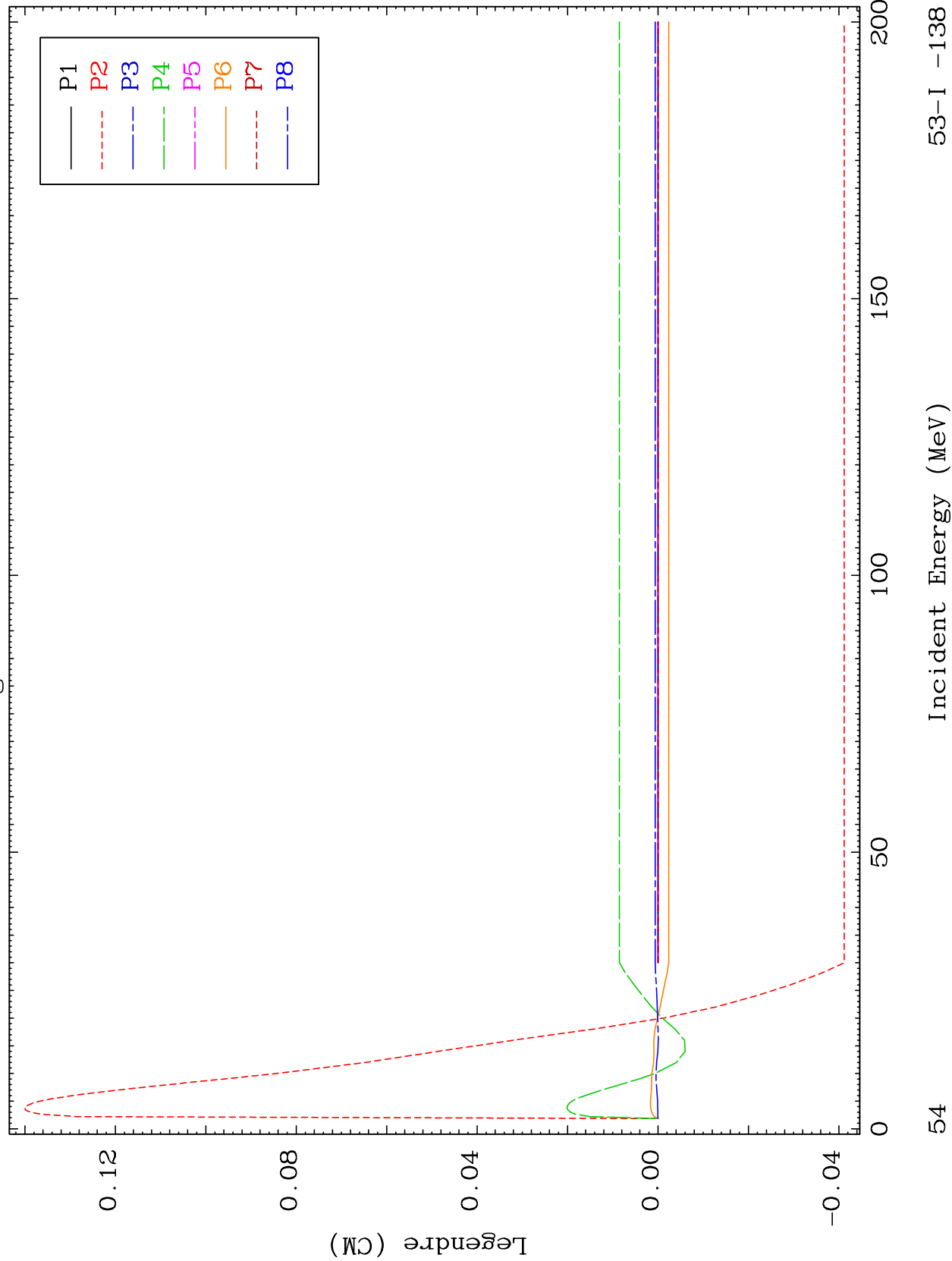


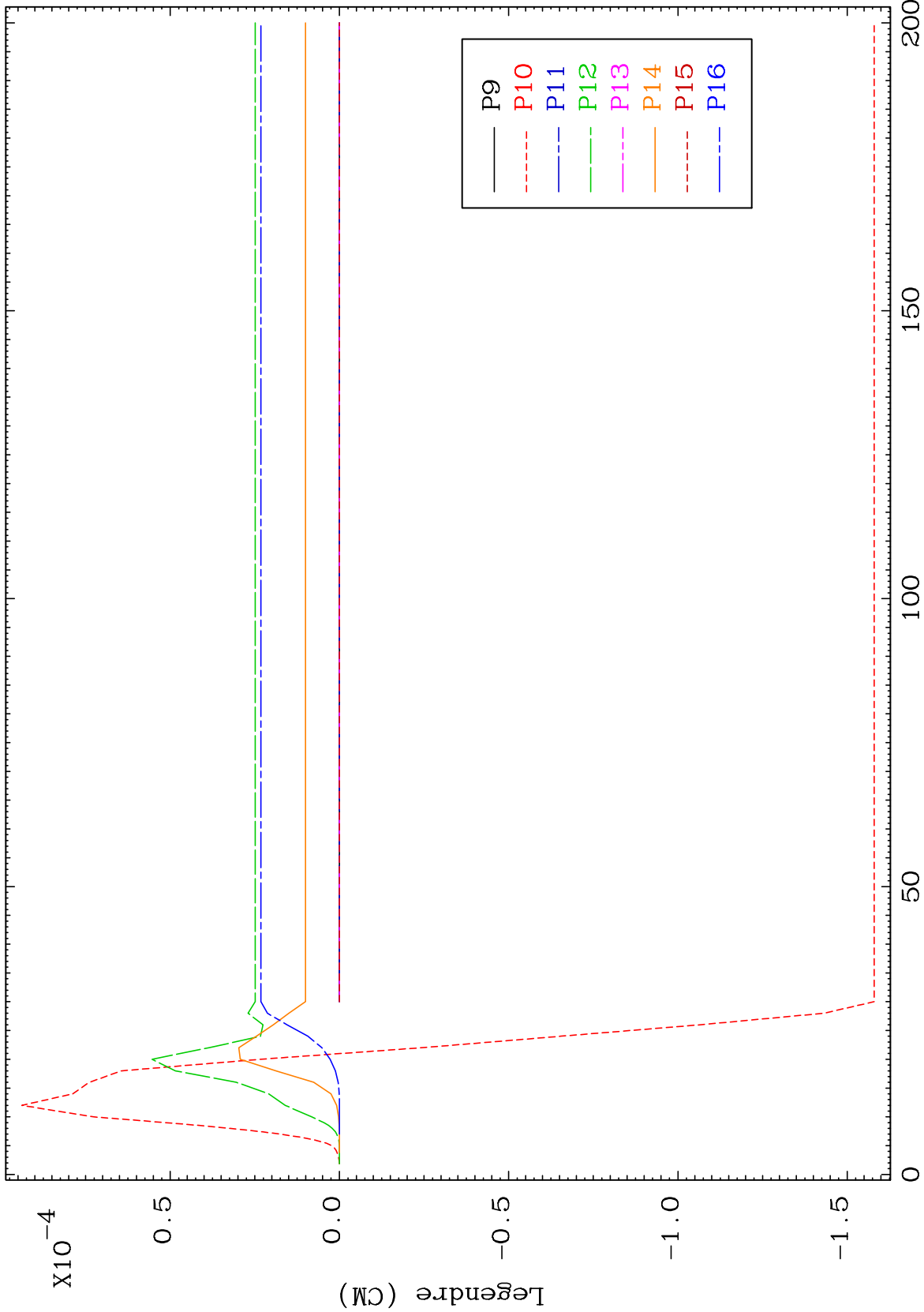
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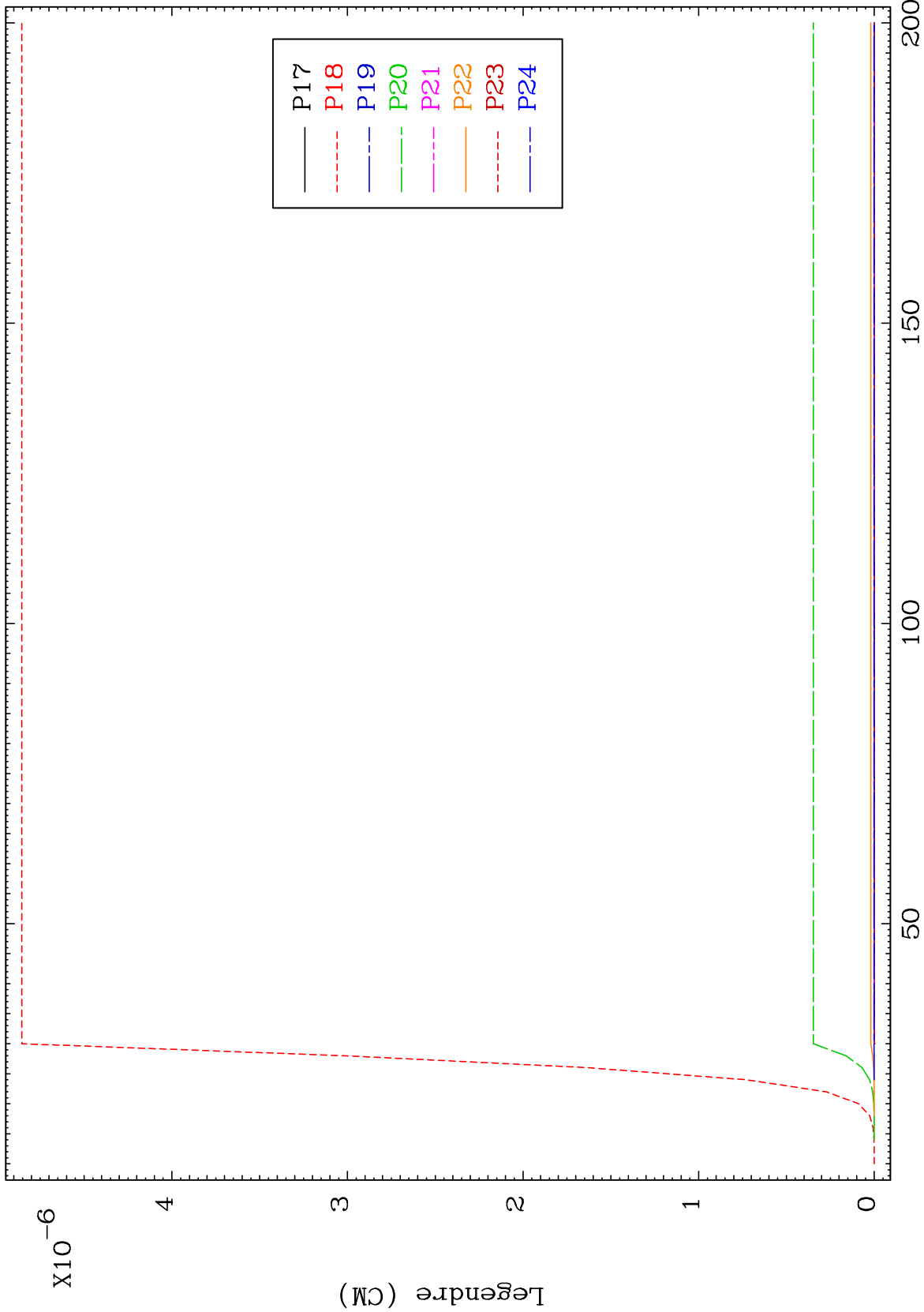


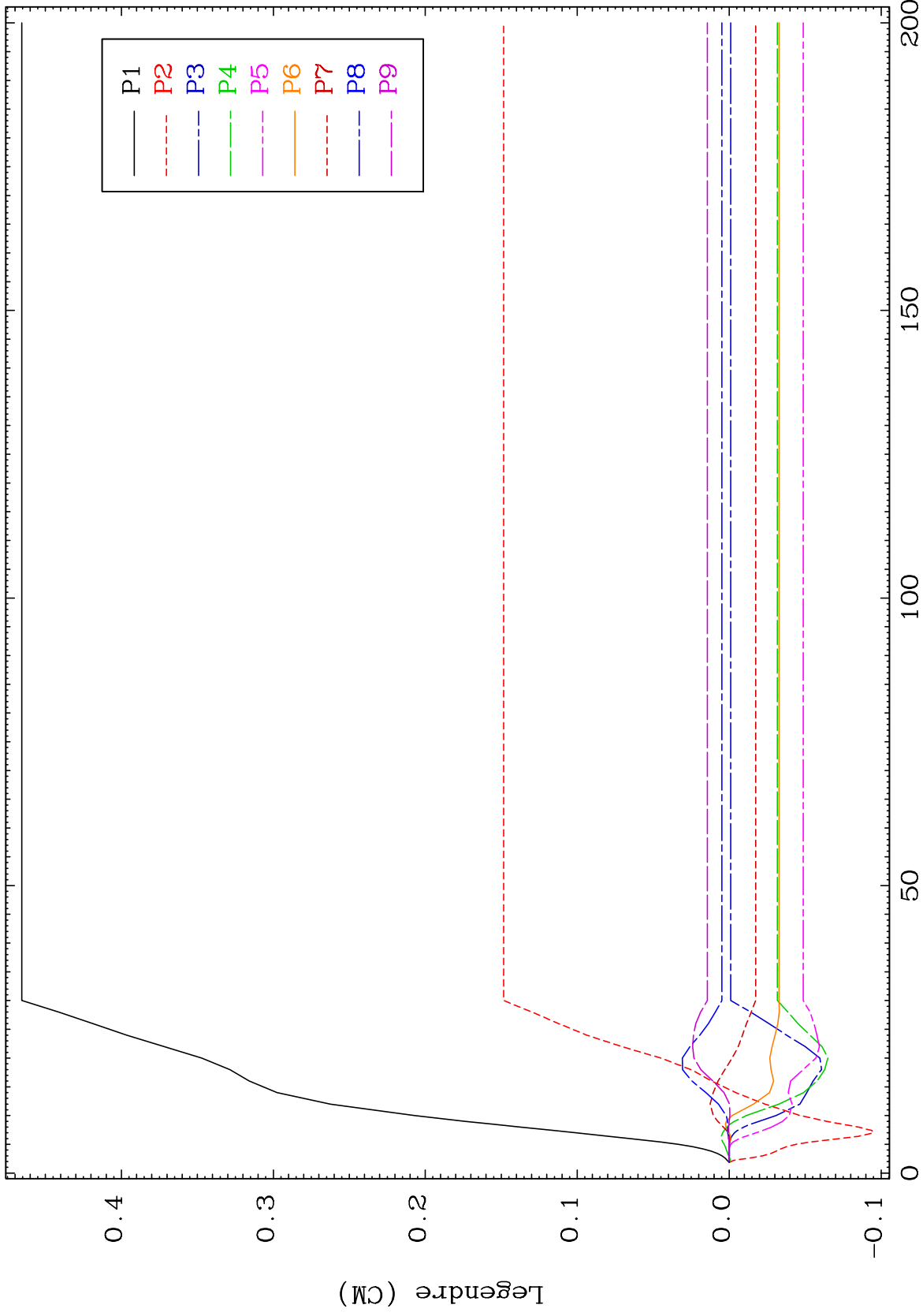


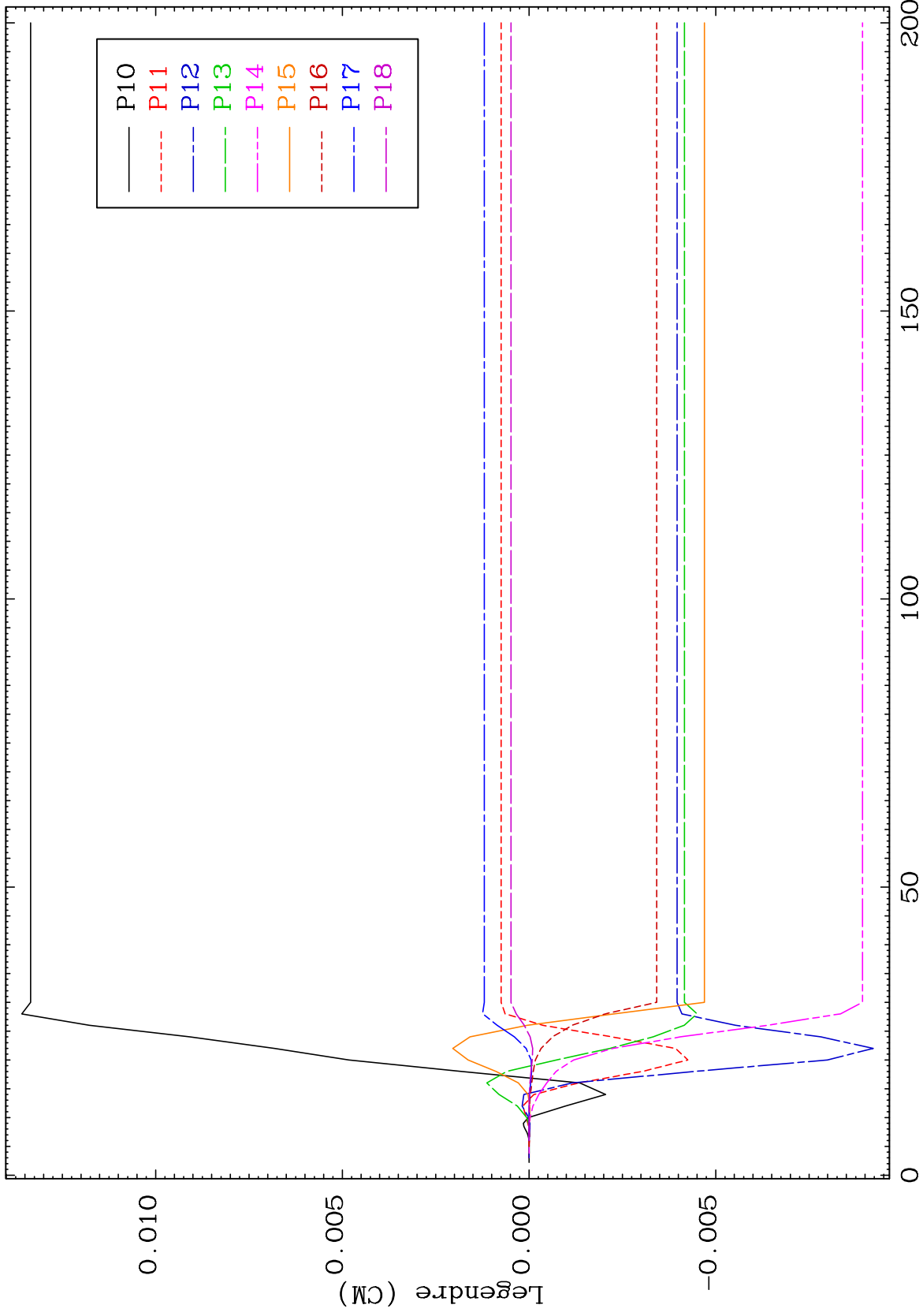


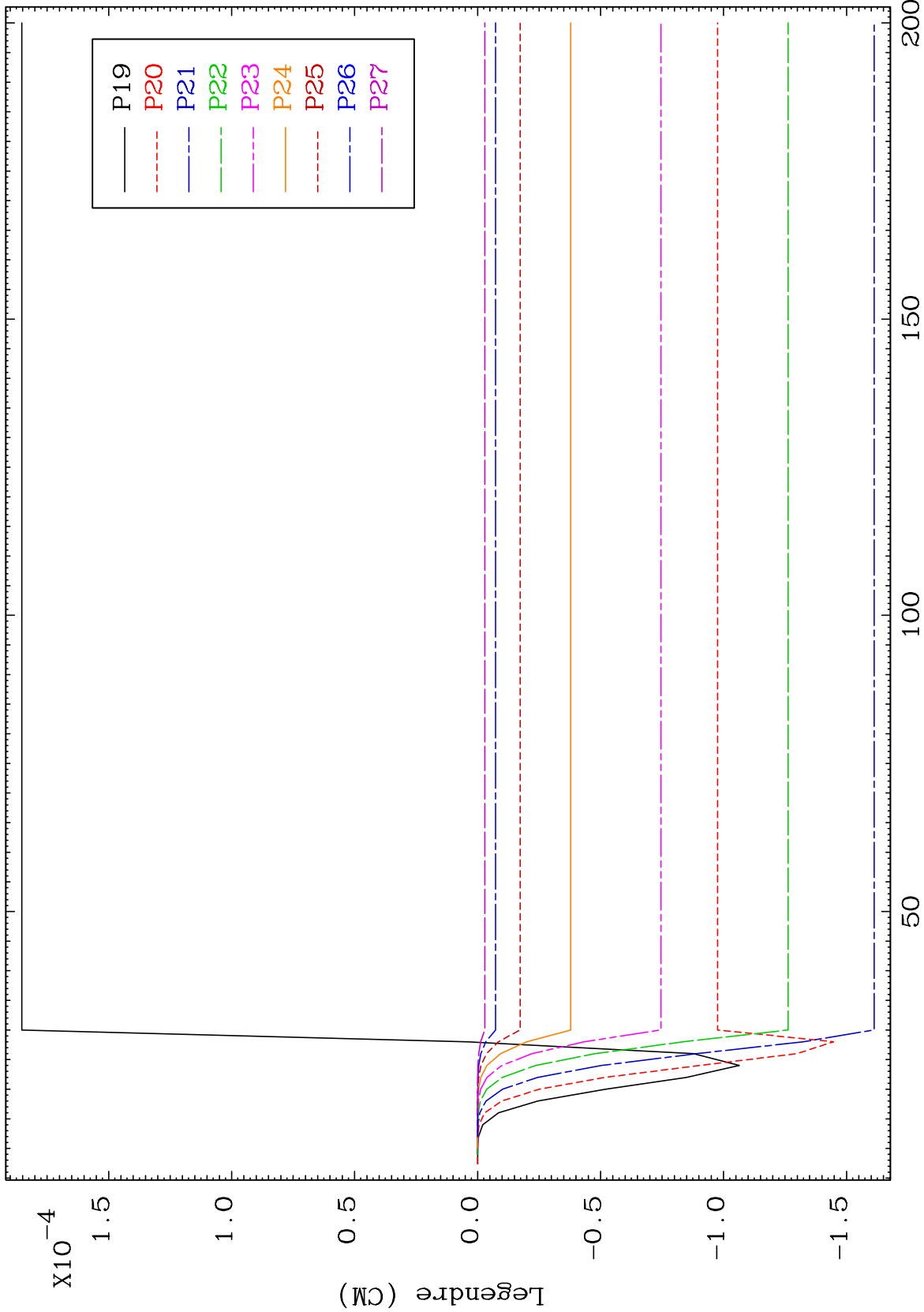








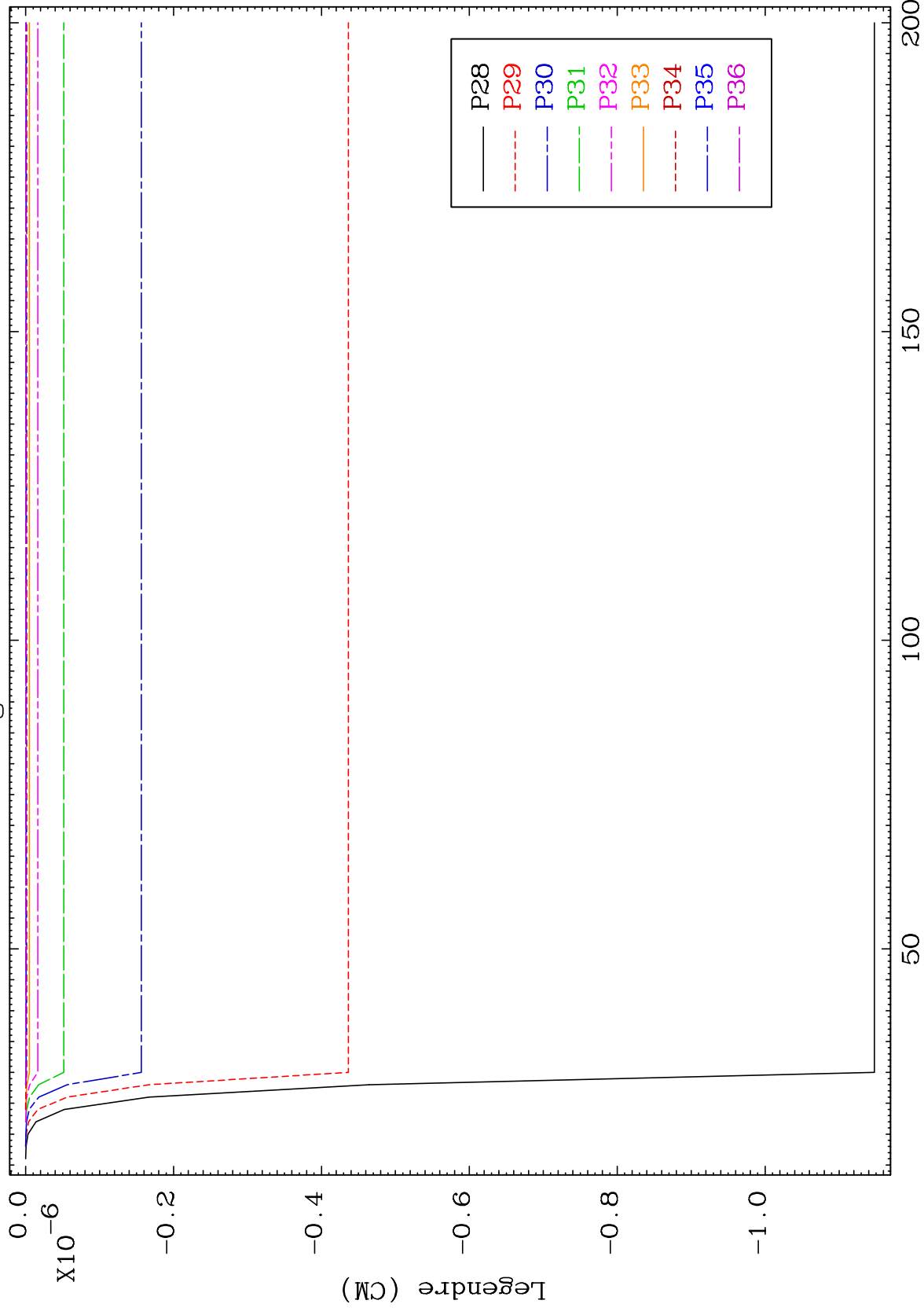




MAT 5358

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

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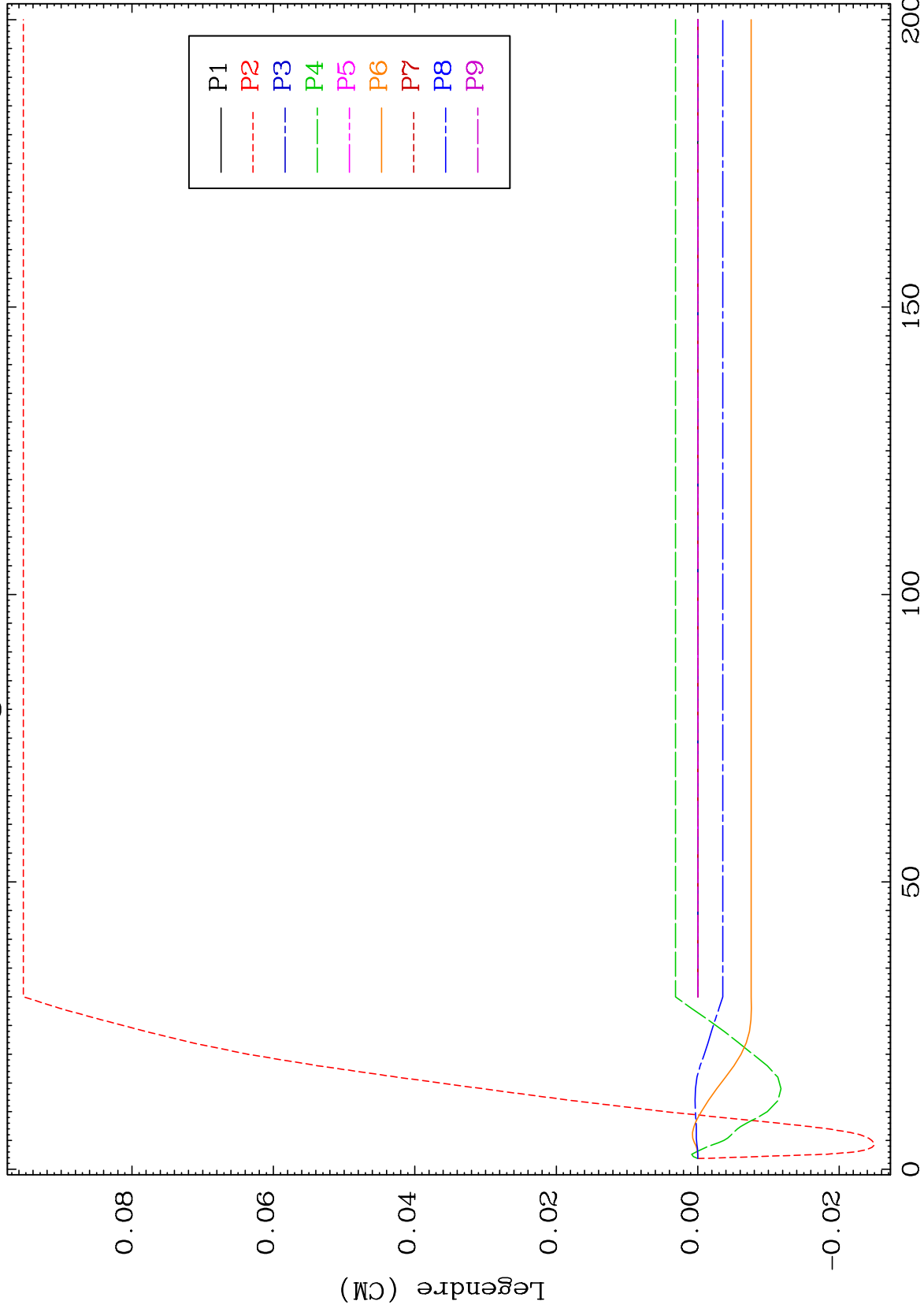
Incident Energy (MeV)

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MAT 5358

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

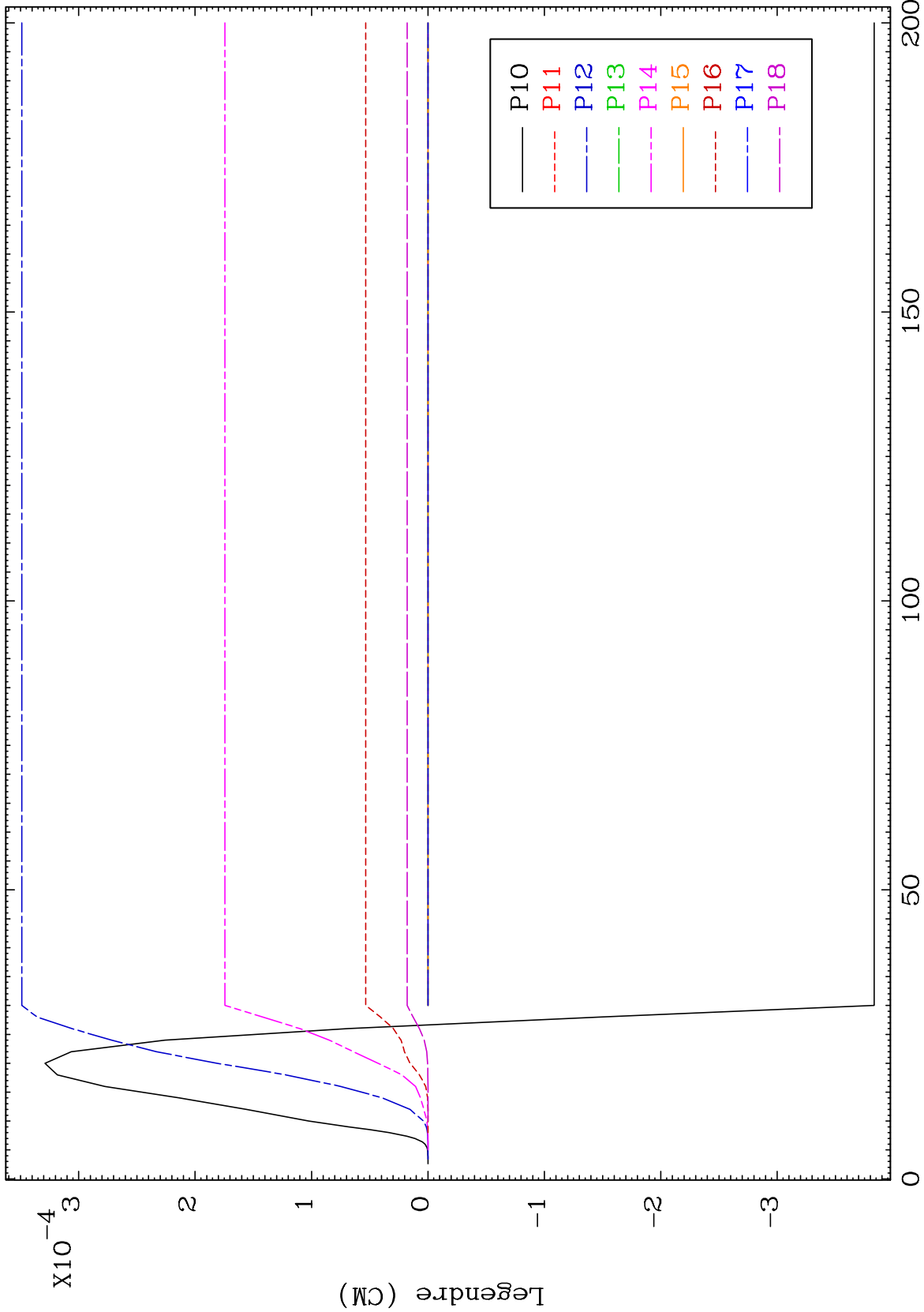
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Incident Energy (MeV)

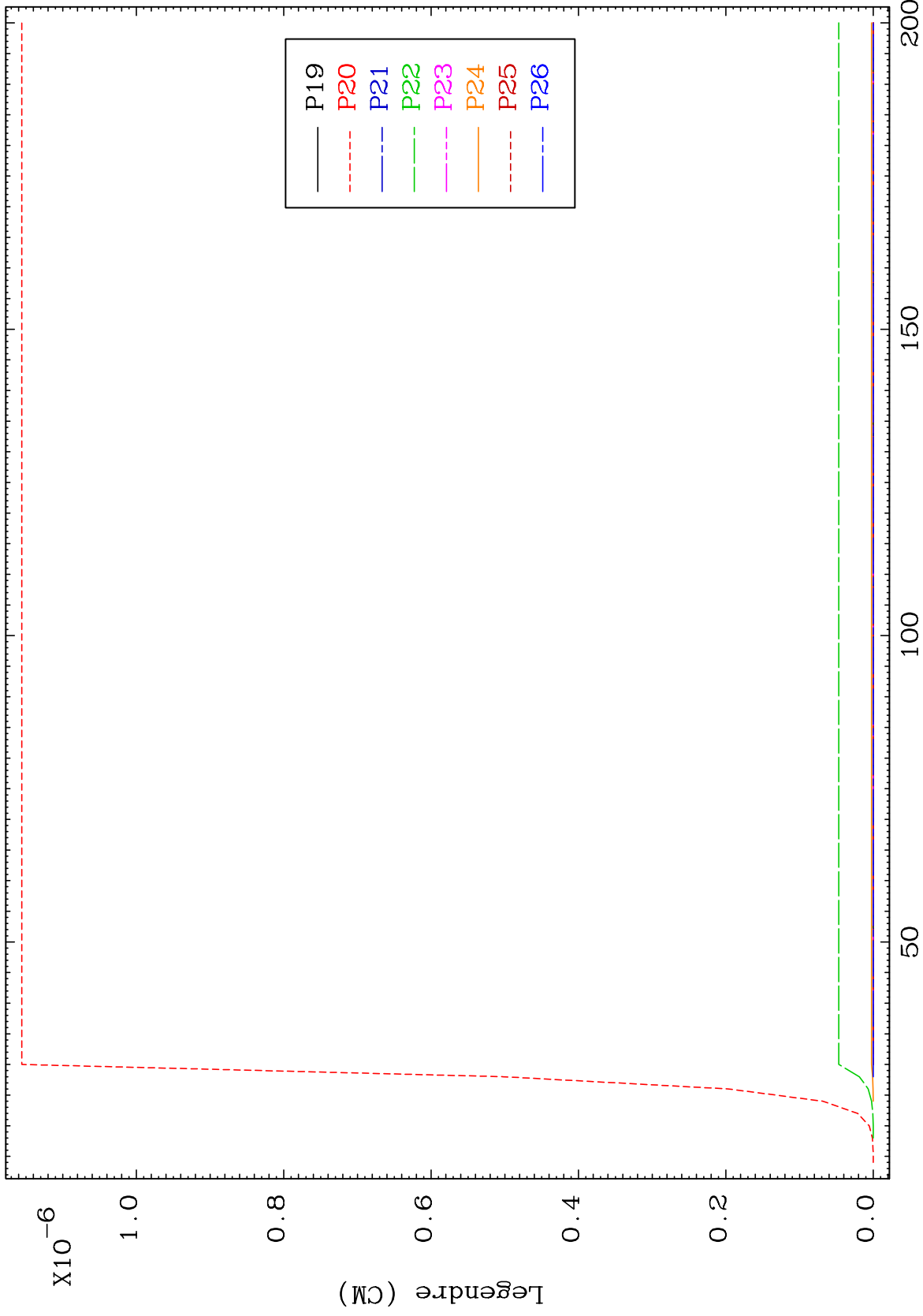
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MAT 5358

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

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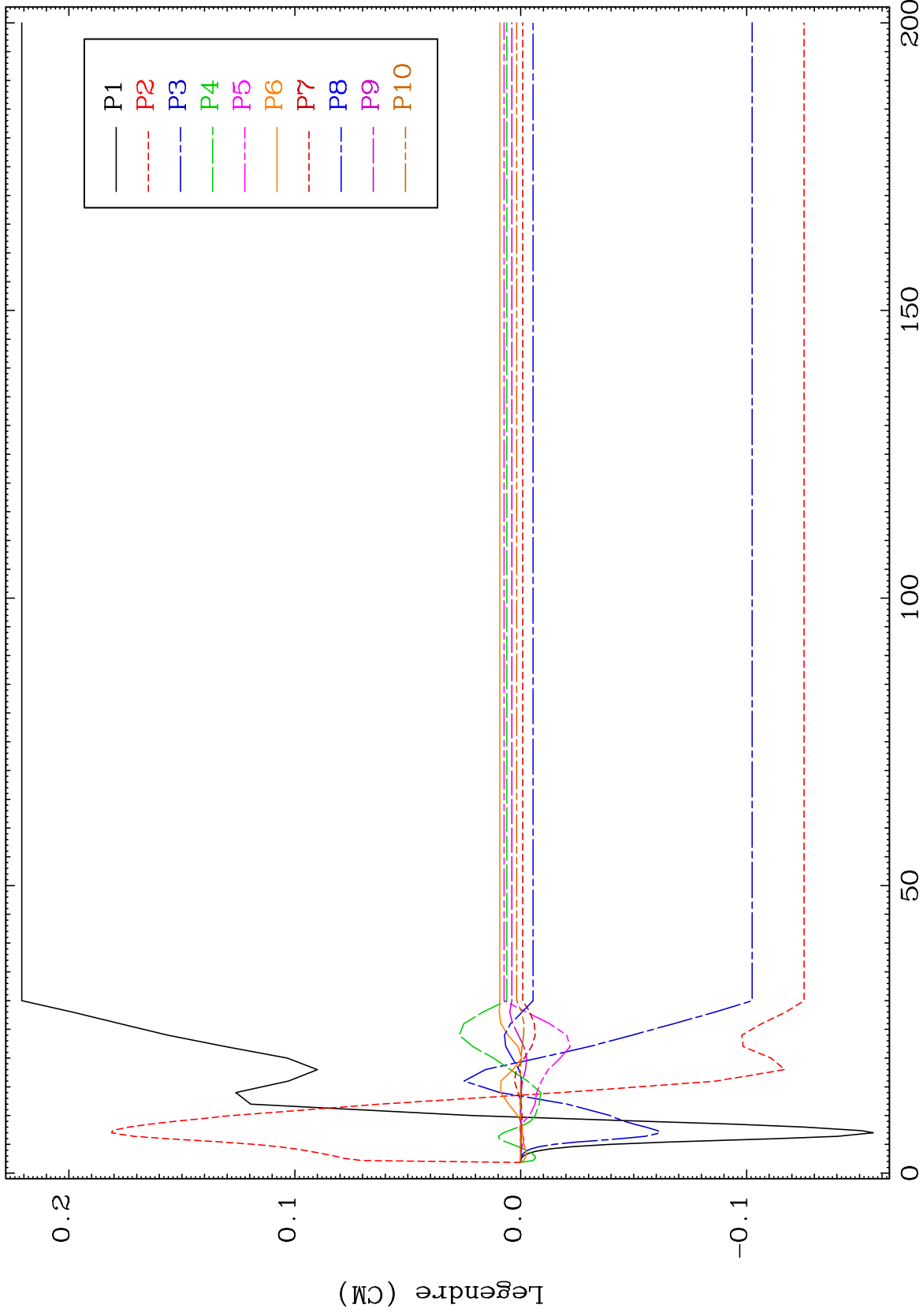
Incident Energy (MeV)

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MAT 5358

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

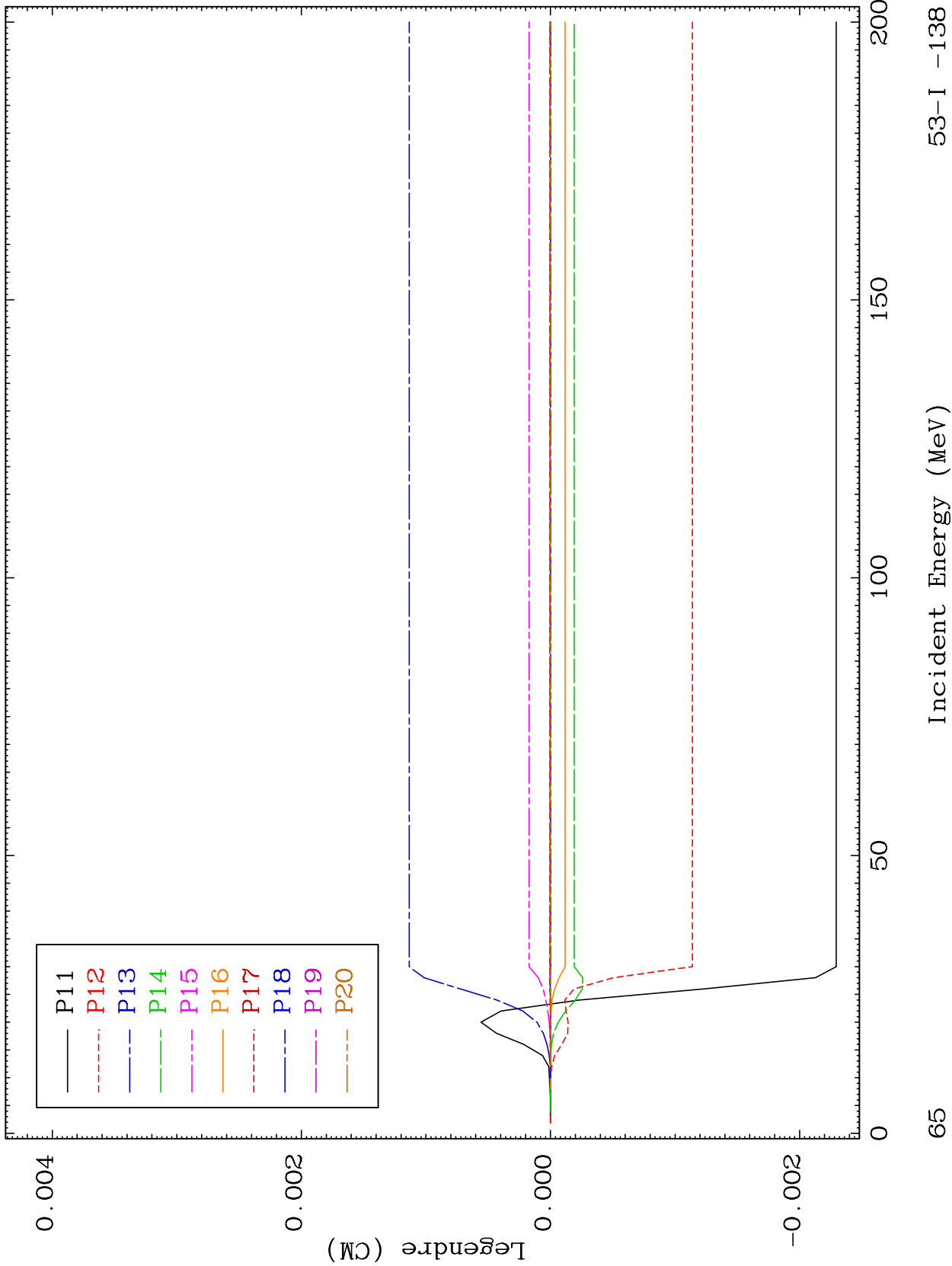
53-I -138

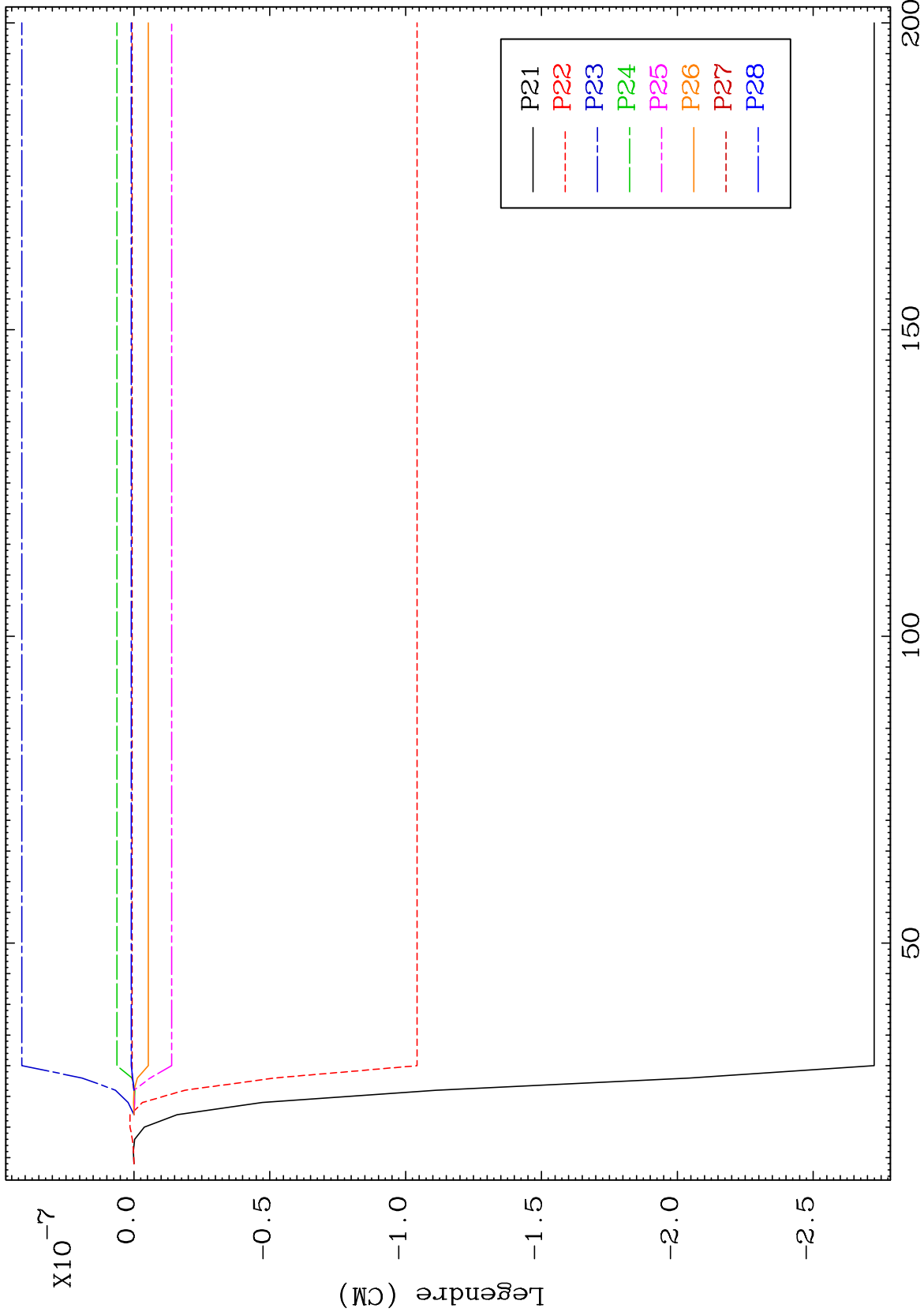


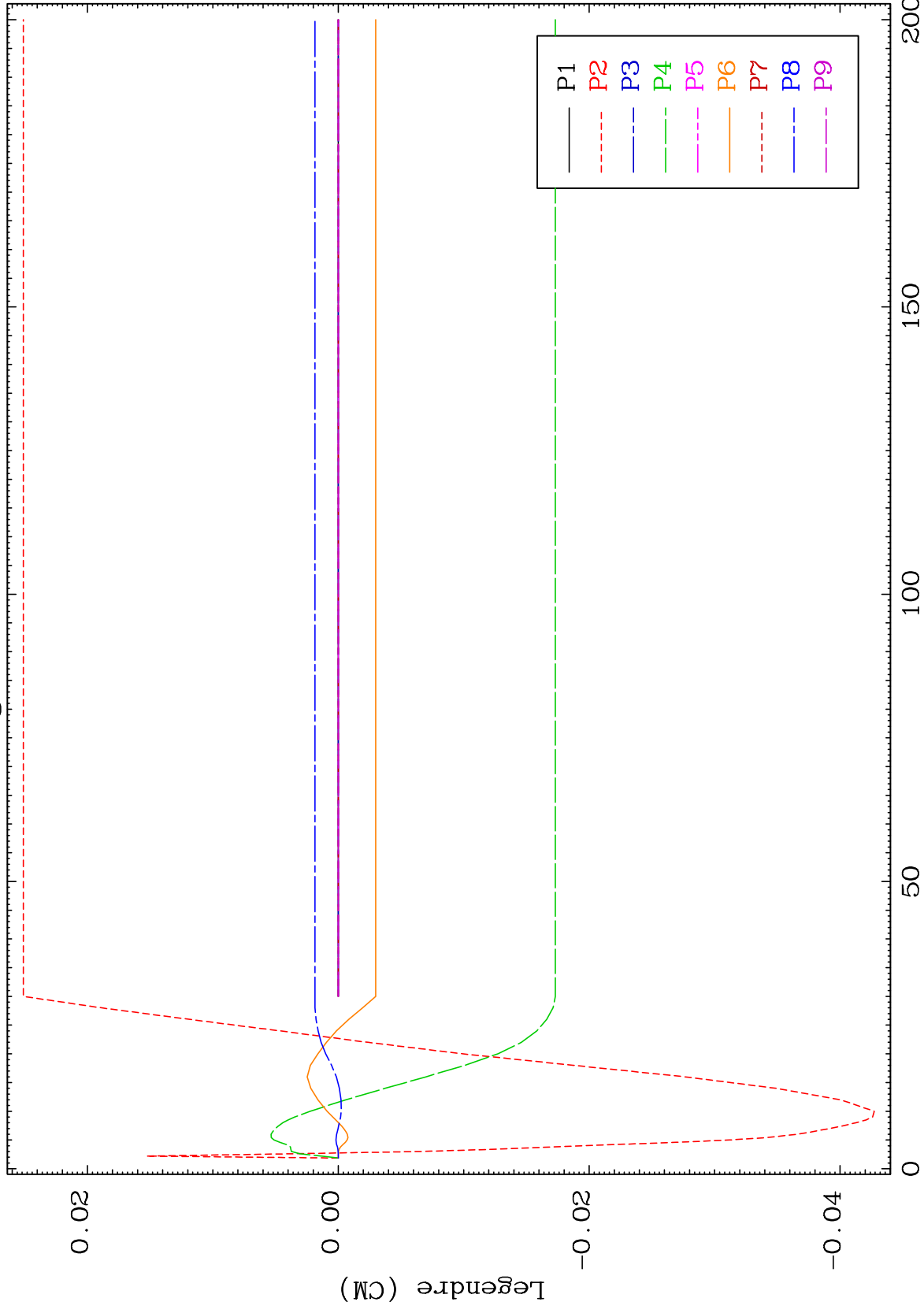
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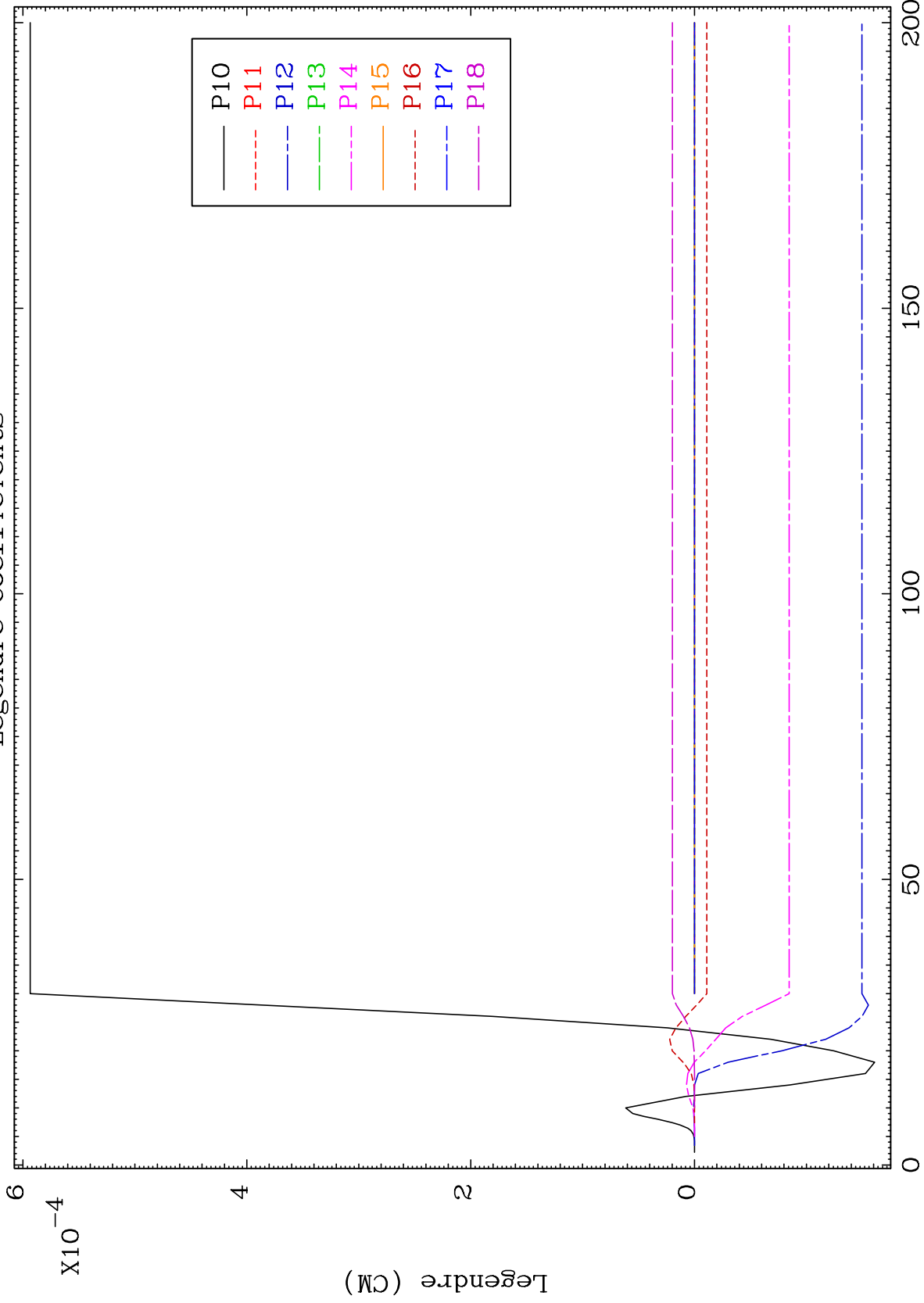
Incident Energy (MeV)

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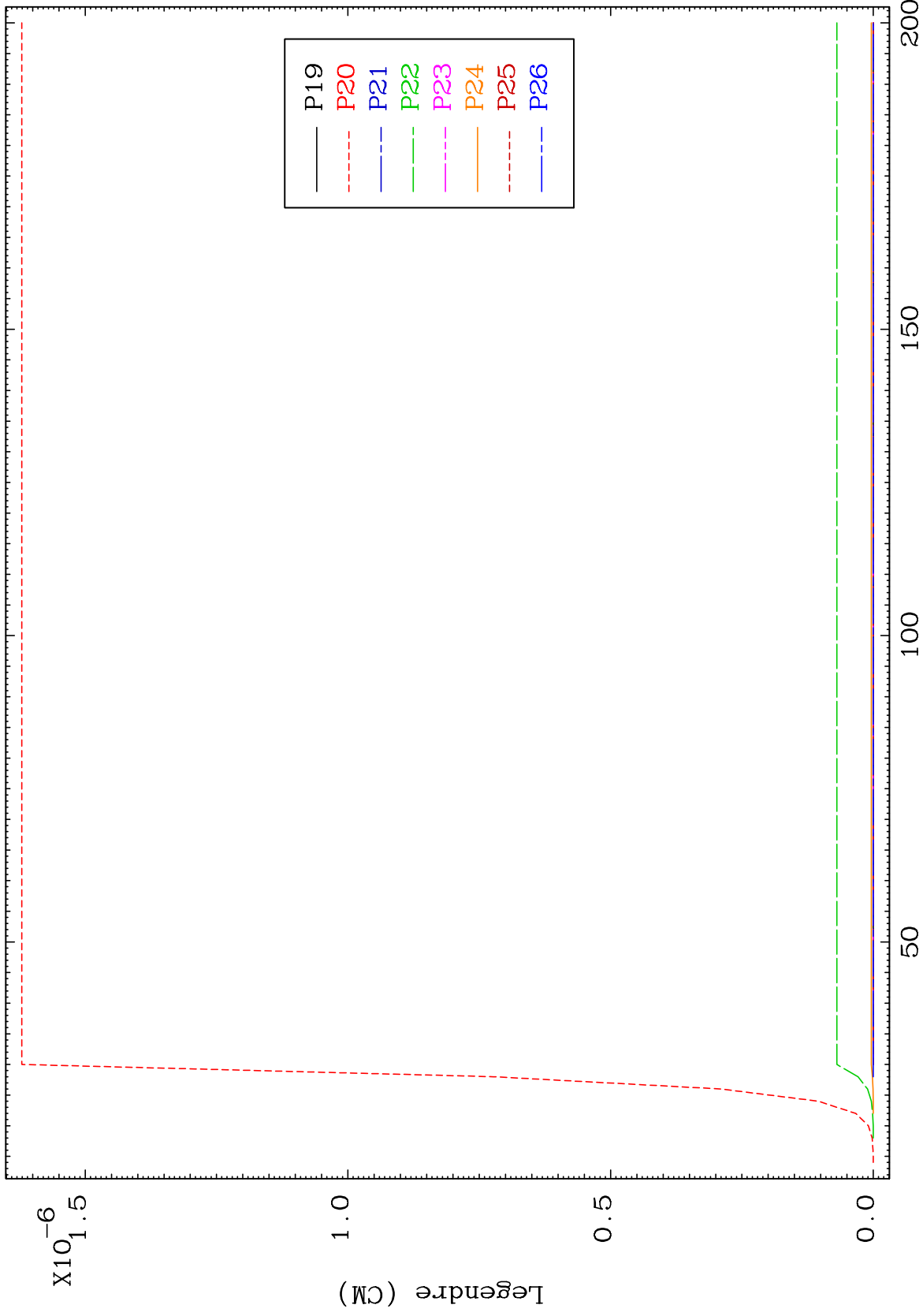




MAT 5358

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

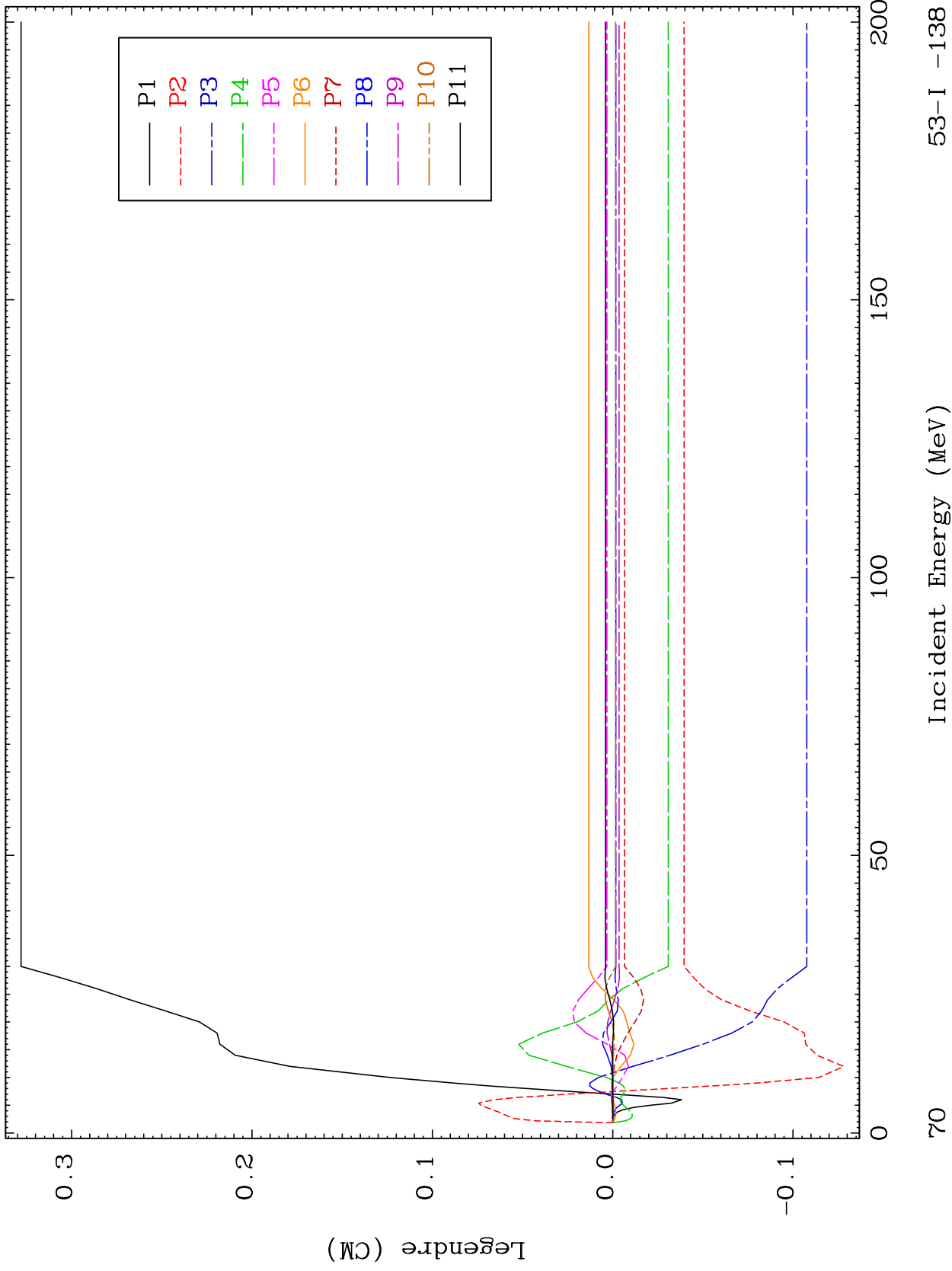
53-I -138

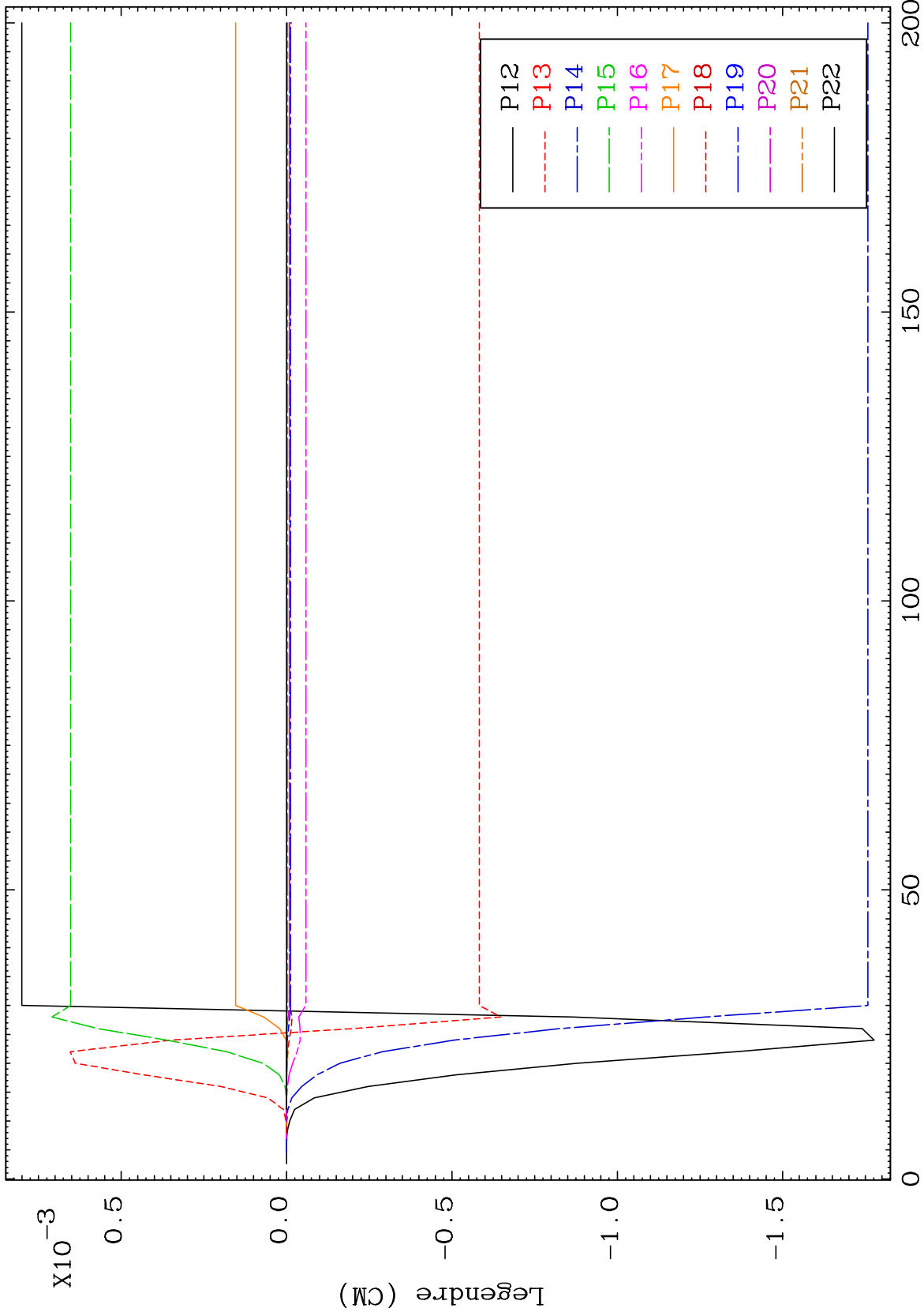


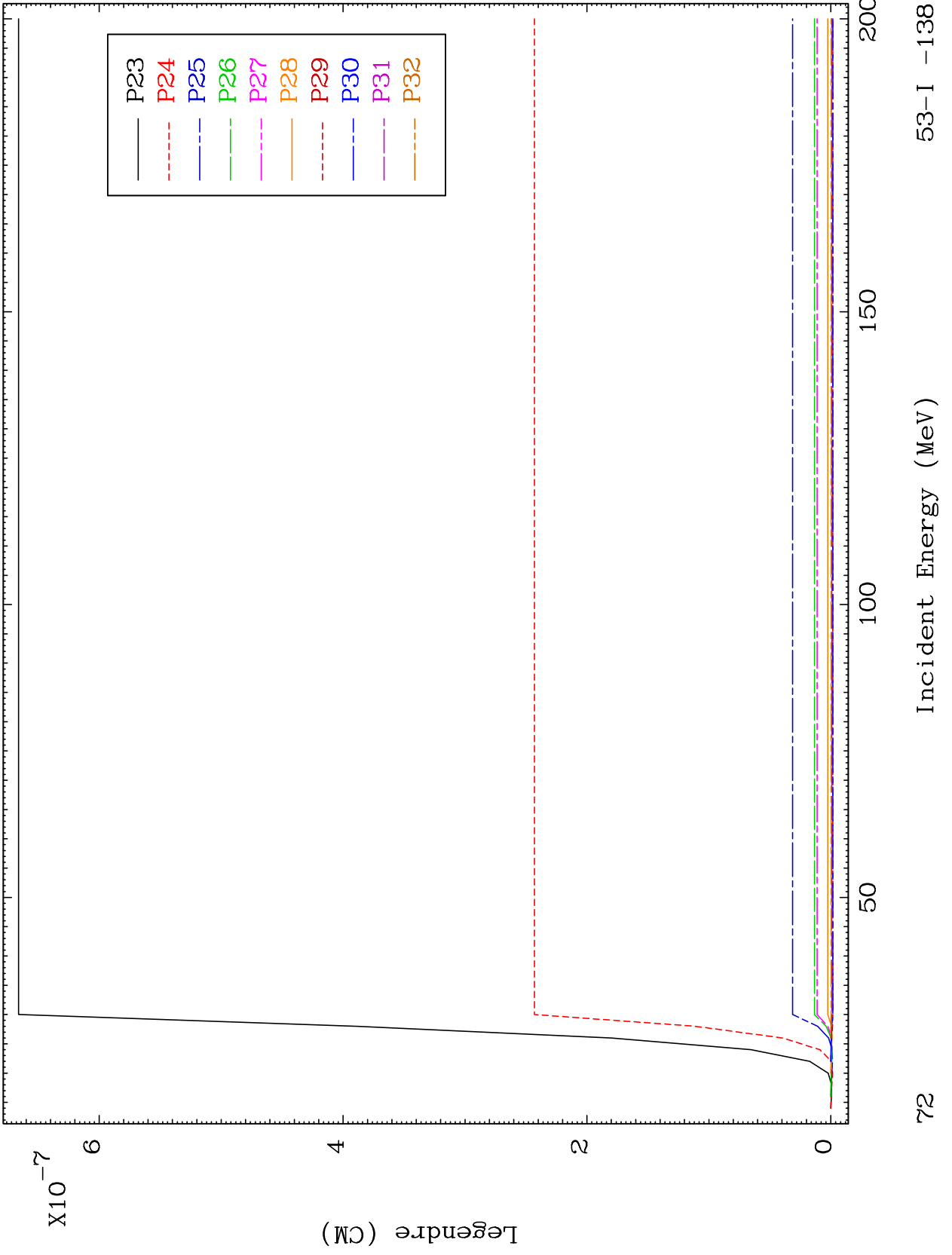
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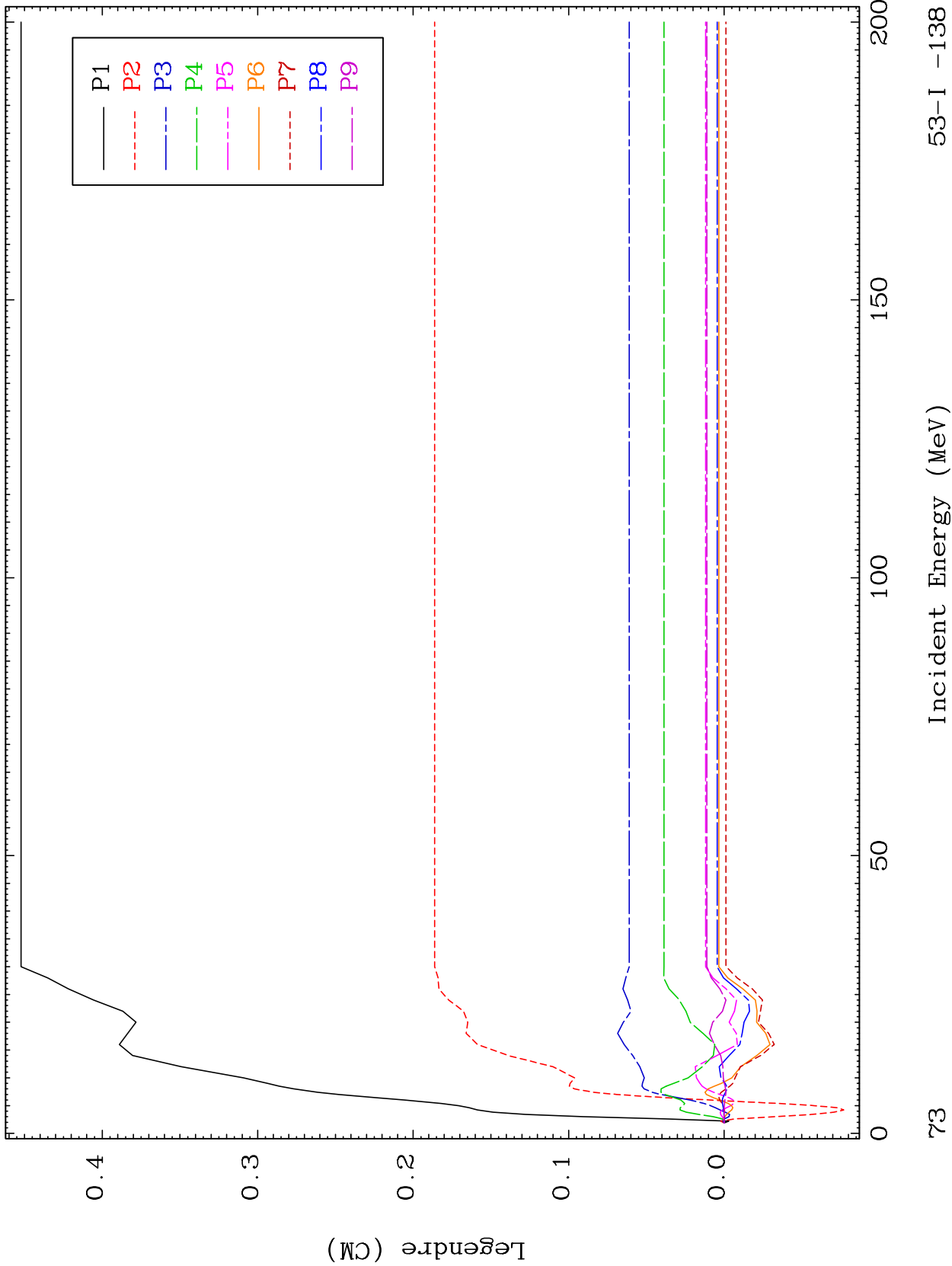
Incident Energy (MeV)

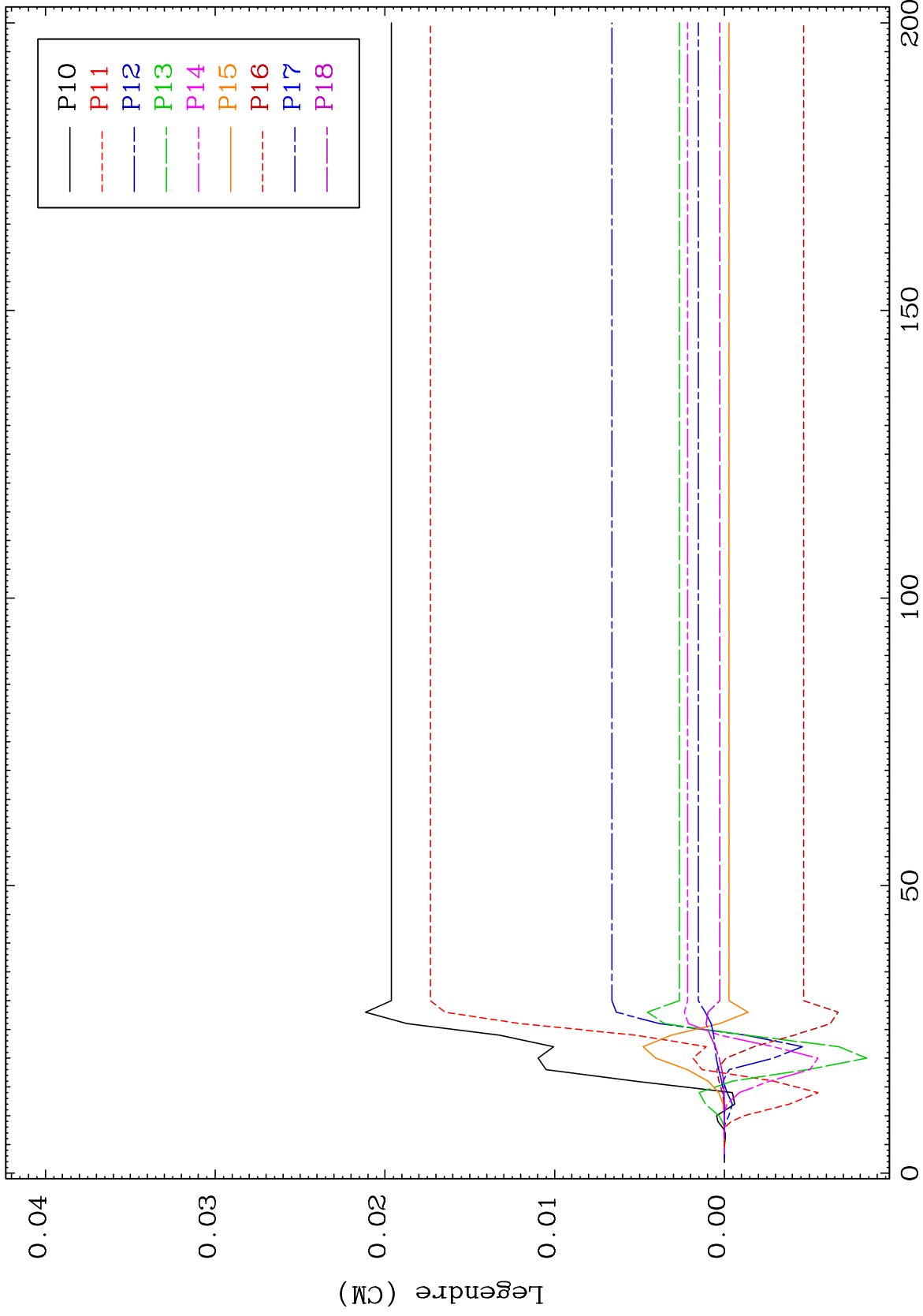
53-I -138

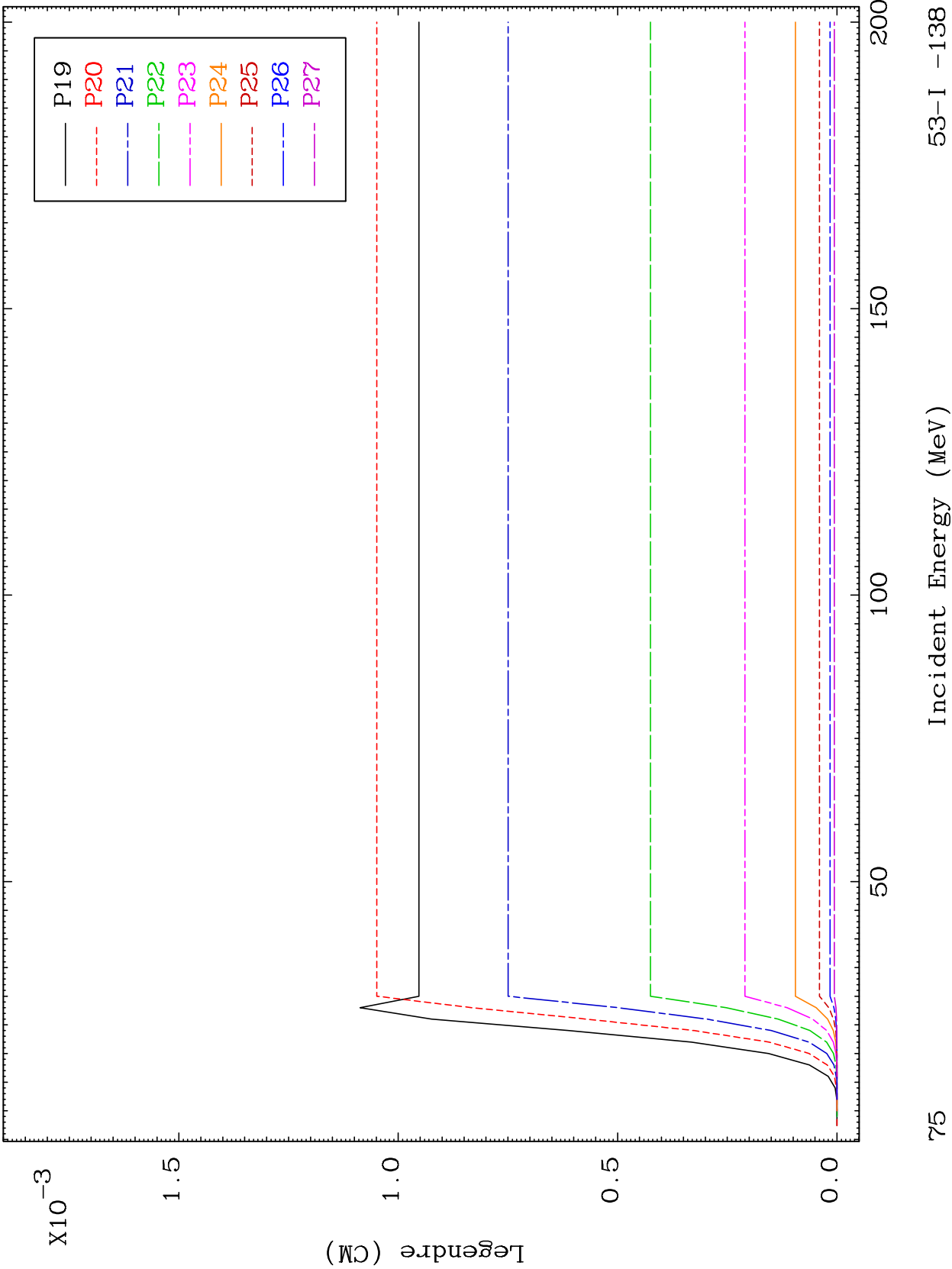


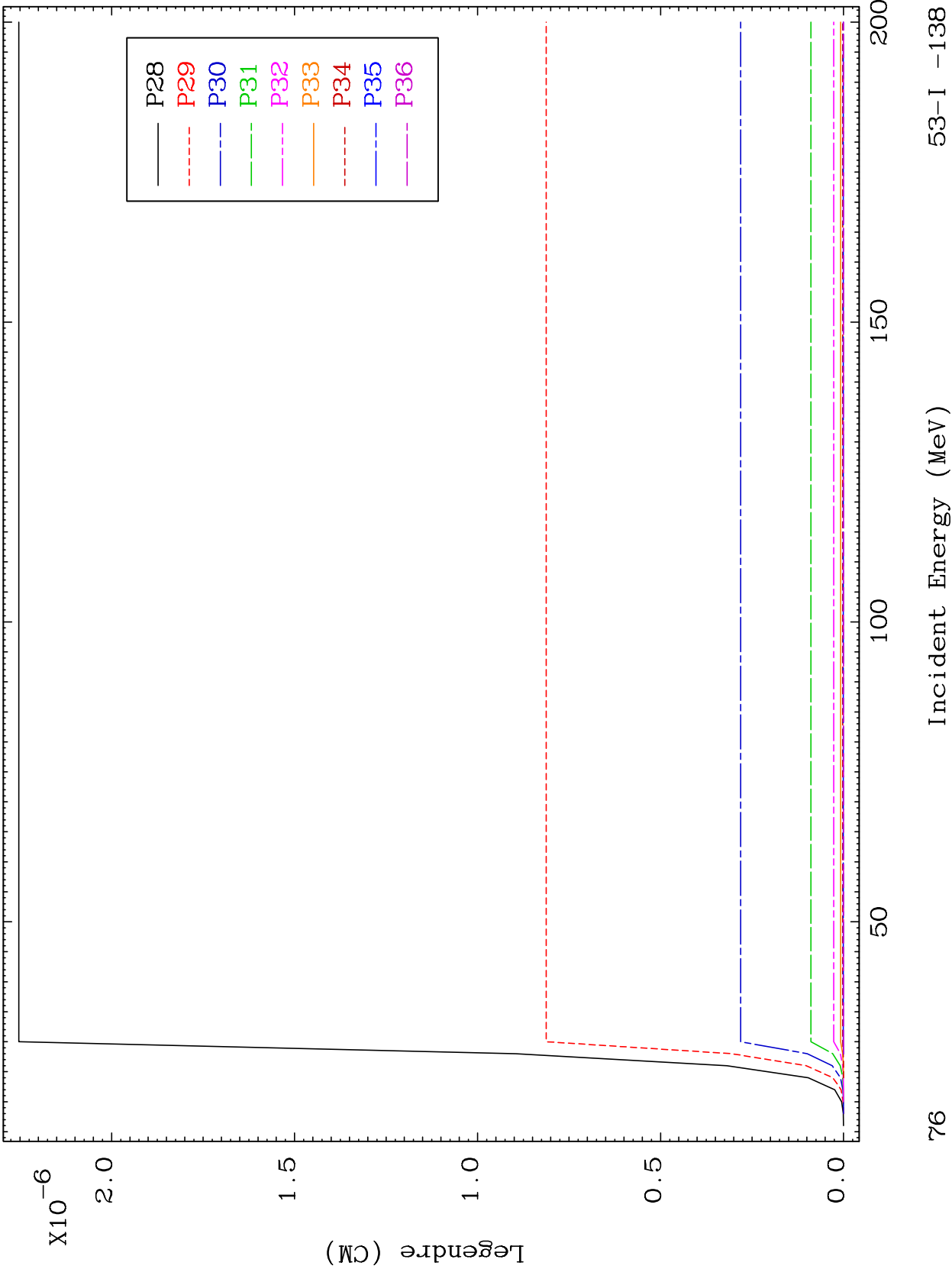


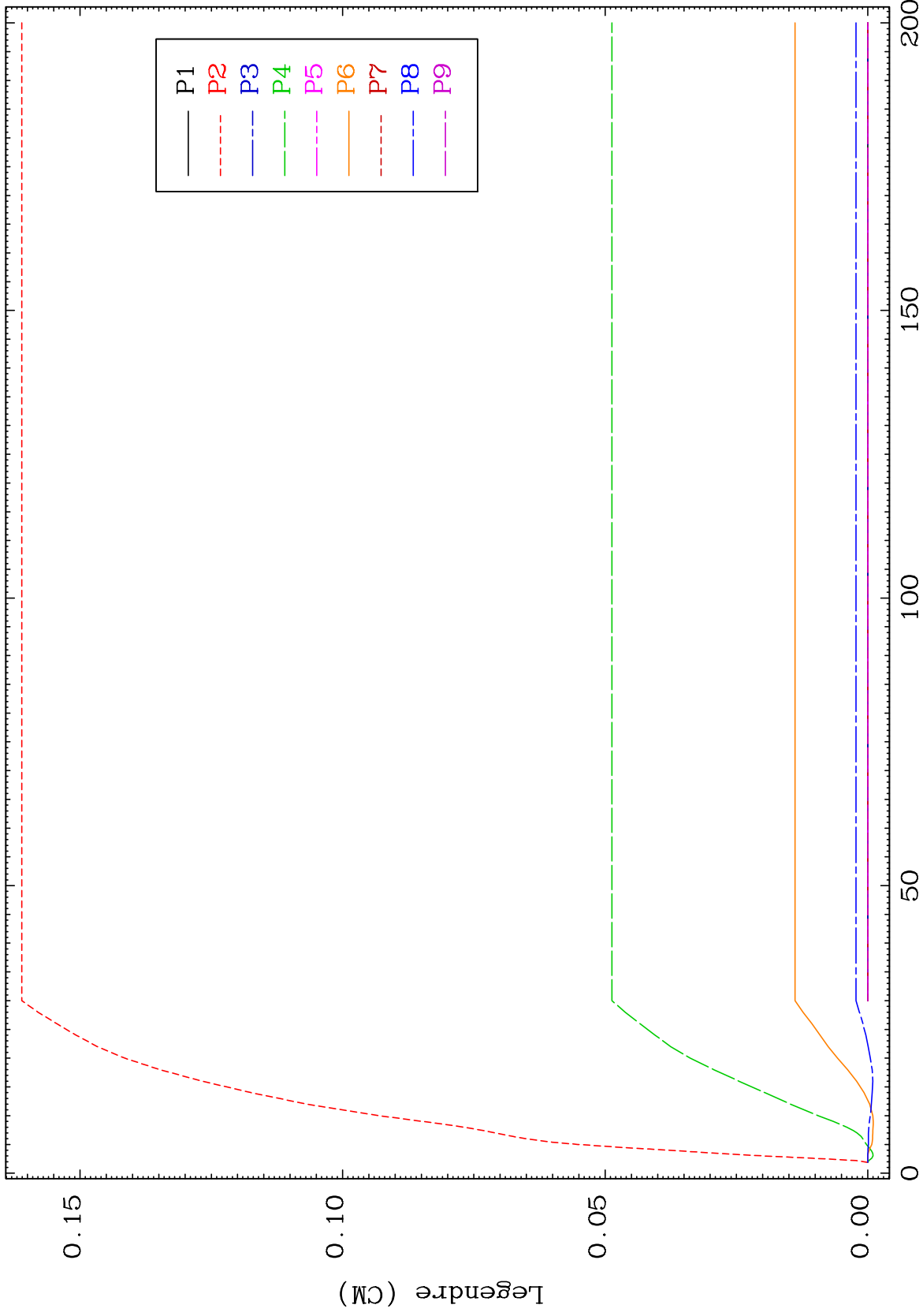








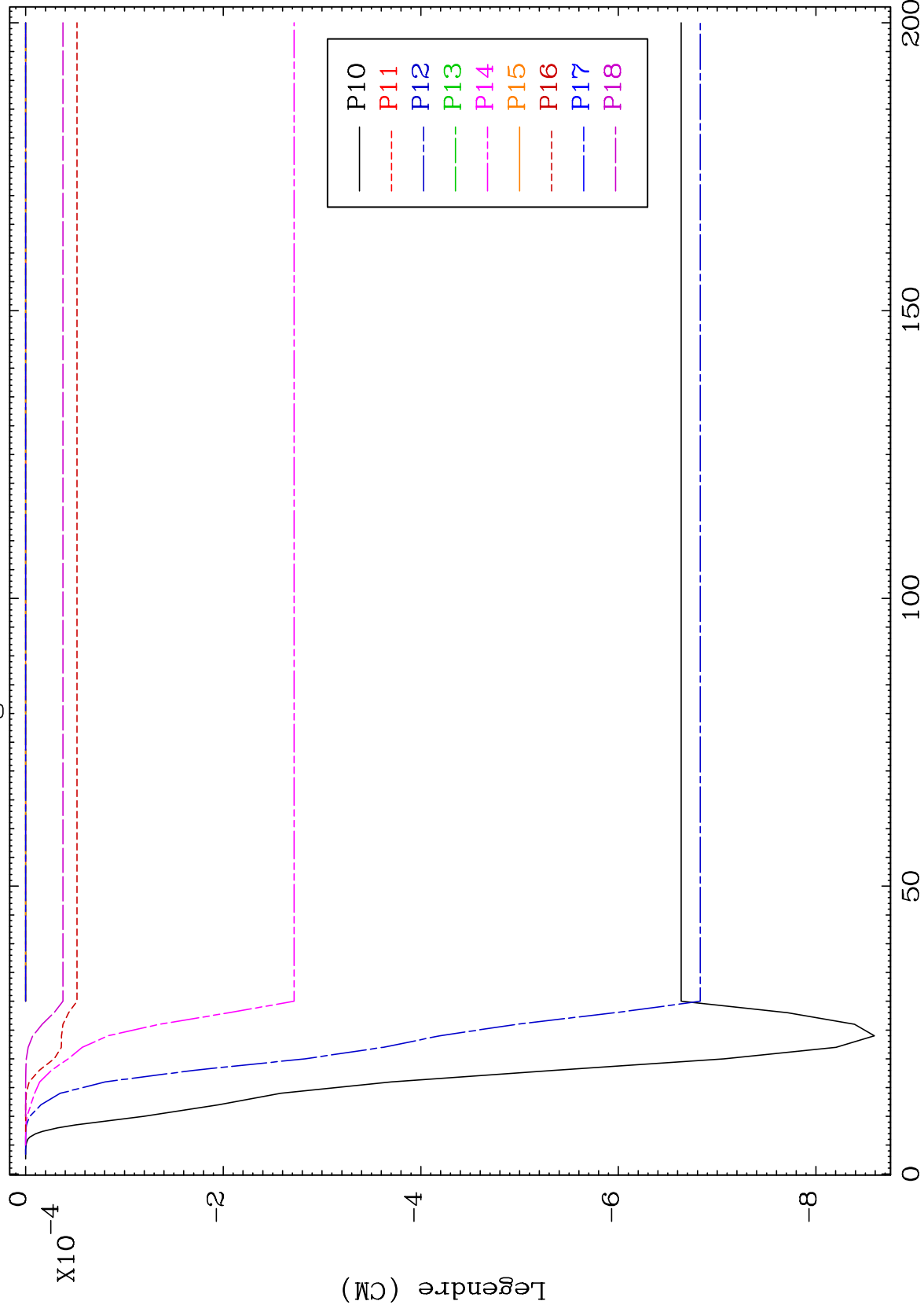




MAT 5358

MT= 68 (n,n') Level
Legendre Coefficients

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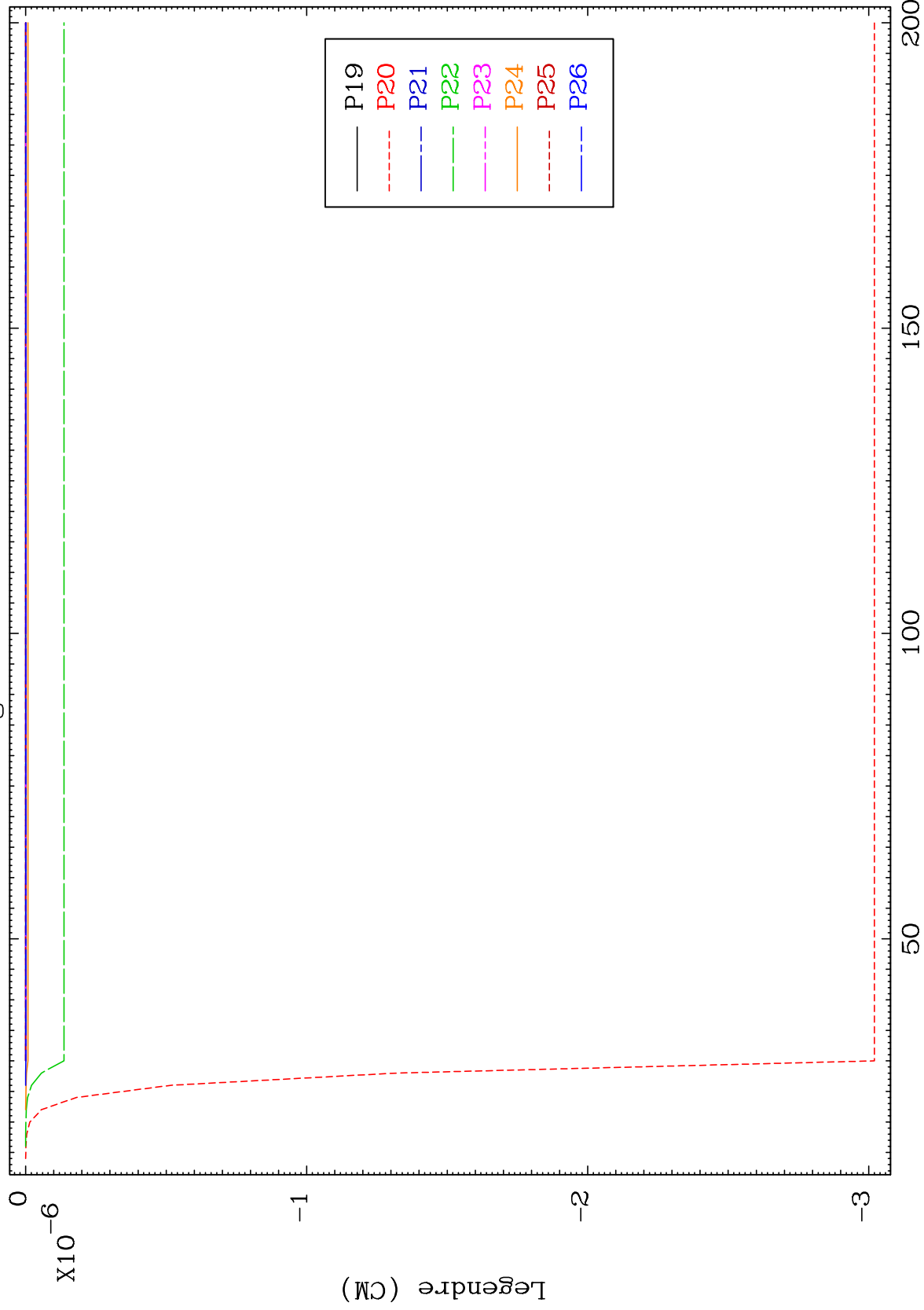
Incident Energy (MeV)

53-I -138

MAT 5358

MT= 68 (n,n') Level
Legendre Coefficients

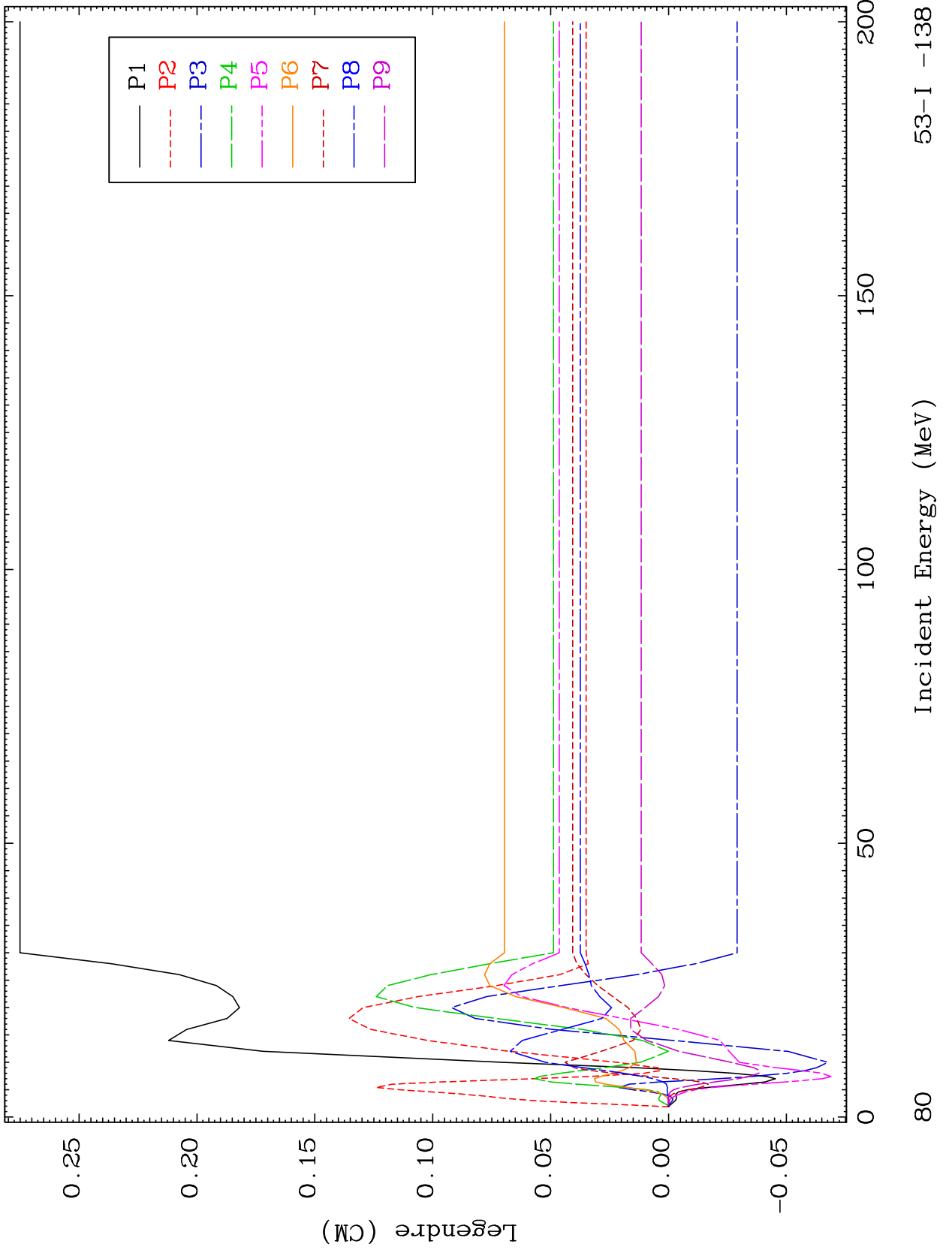
53-I -138

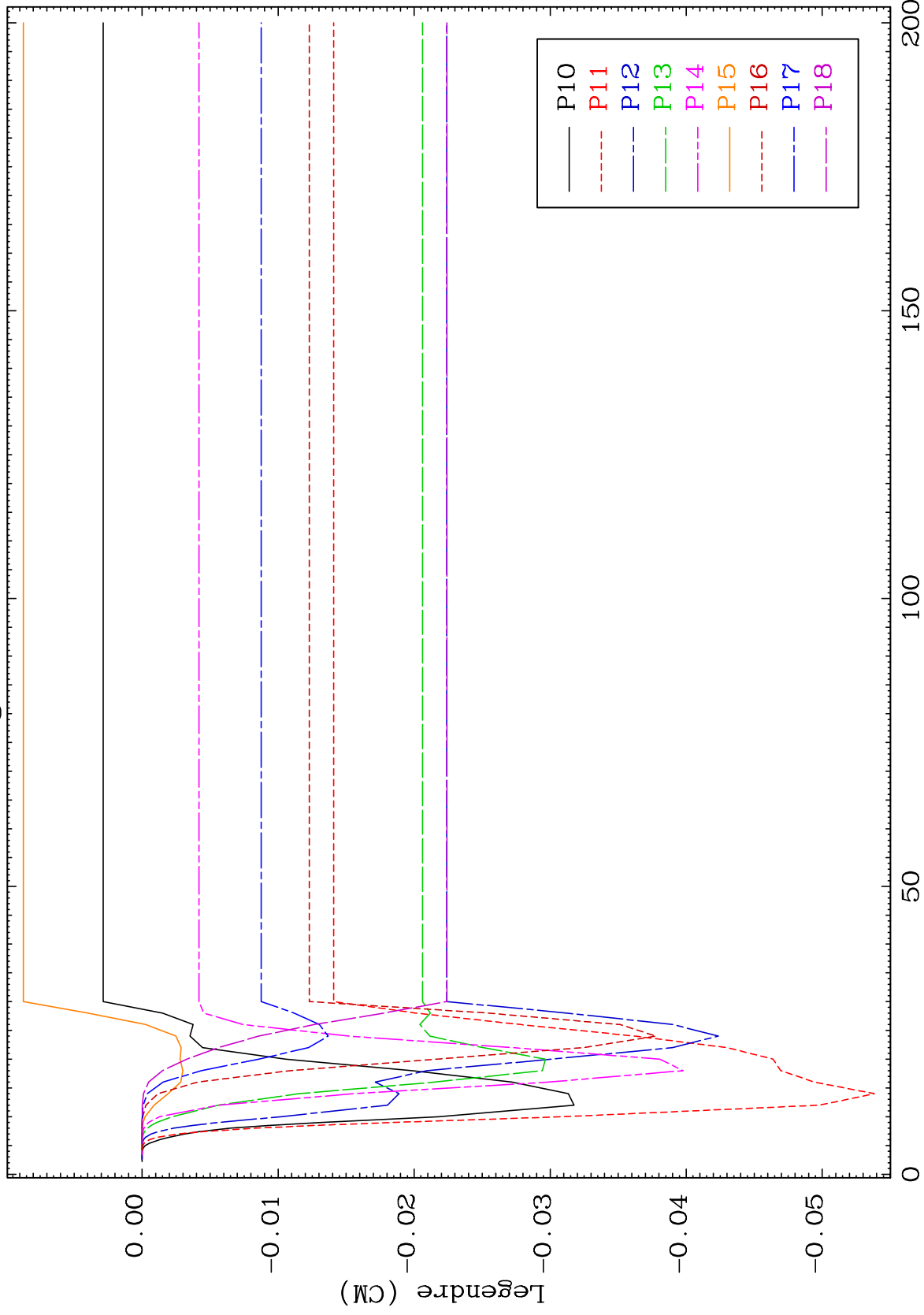


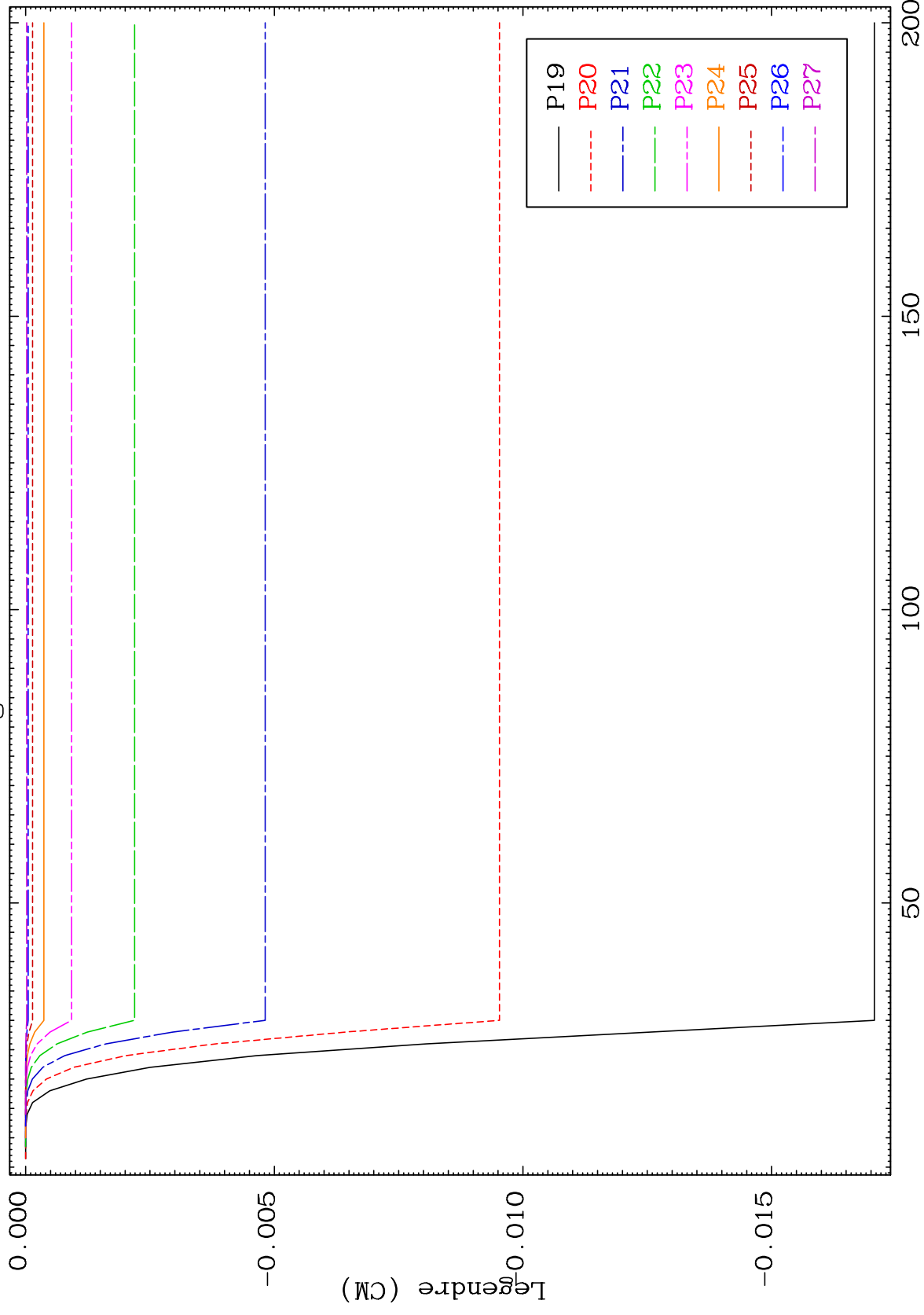
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Incident Energy (MeV)

53-I -138



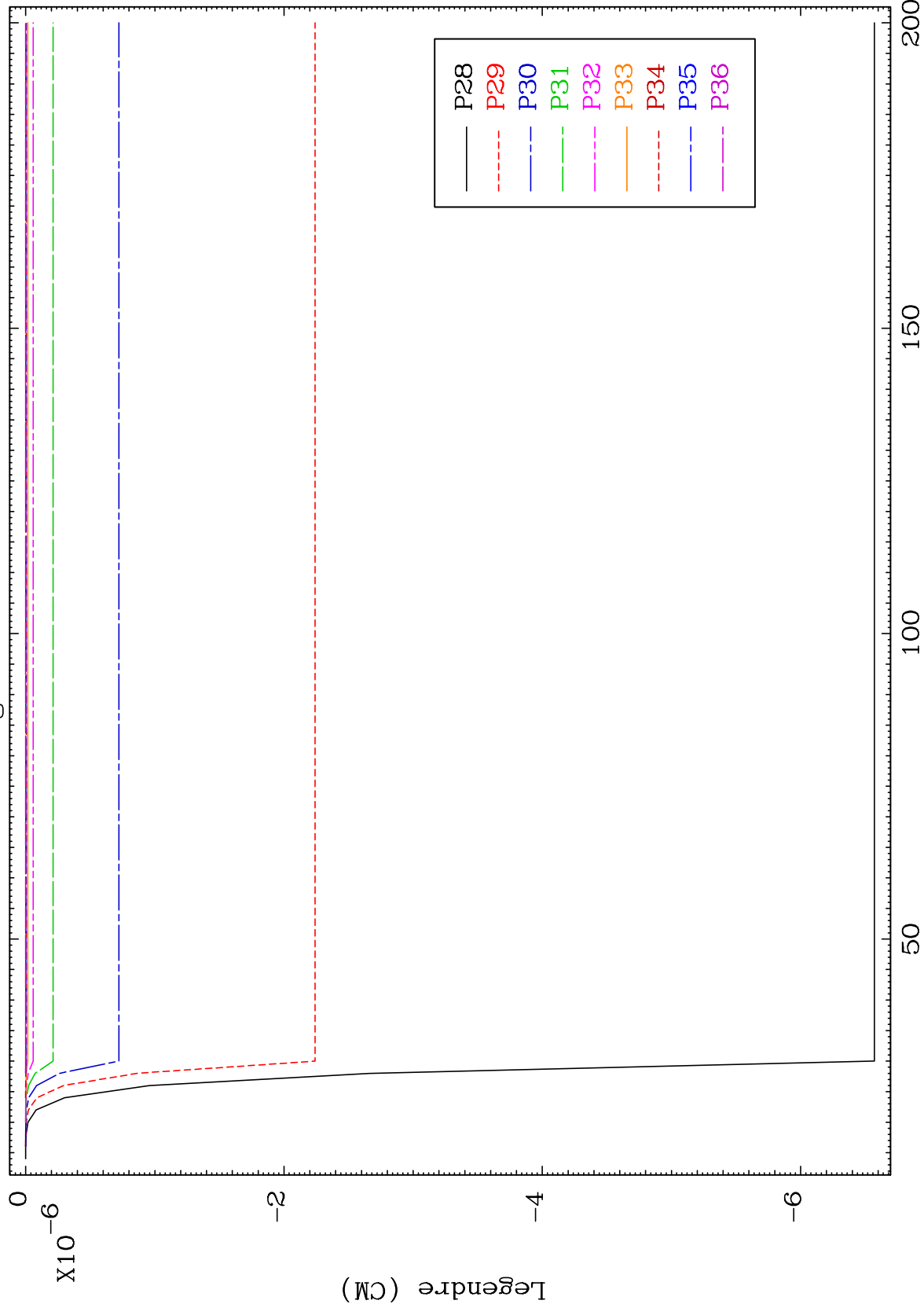




MAT 5358

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

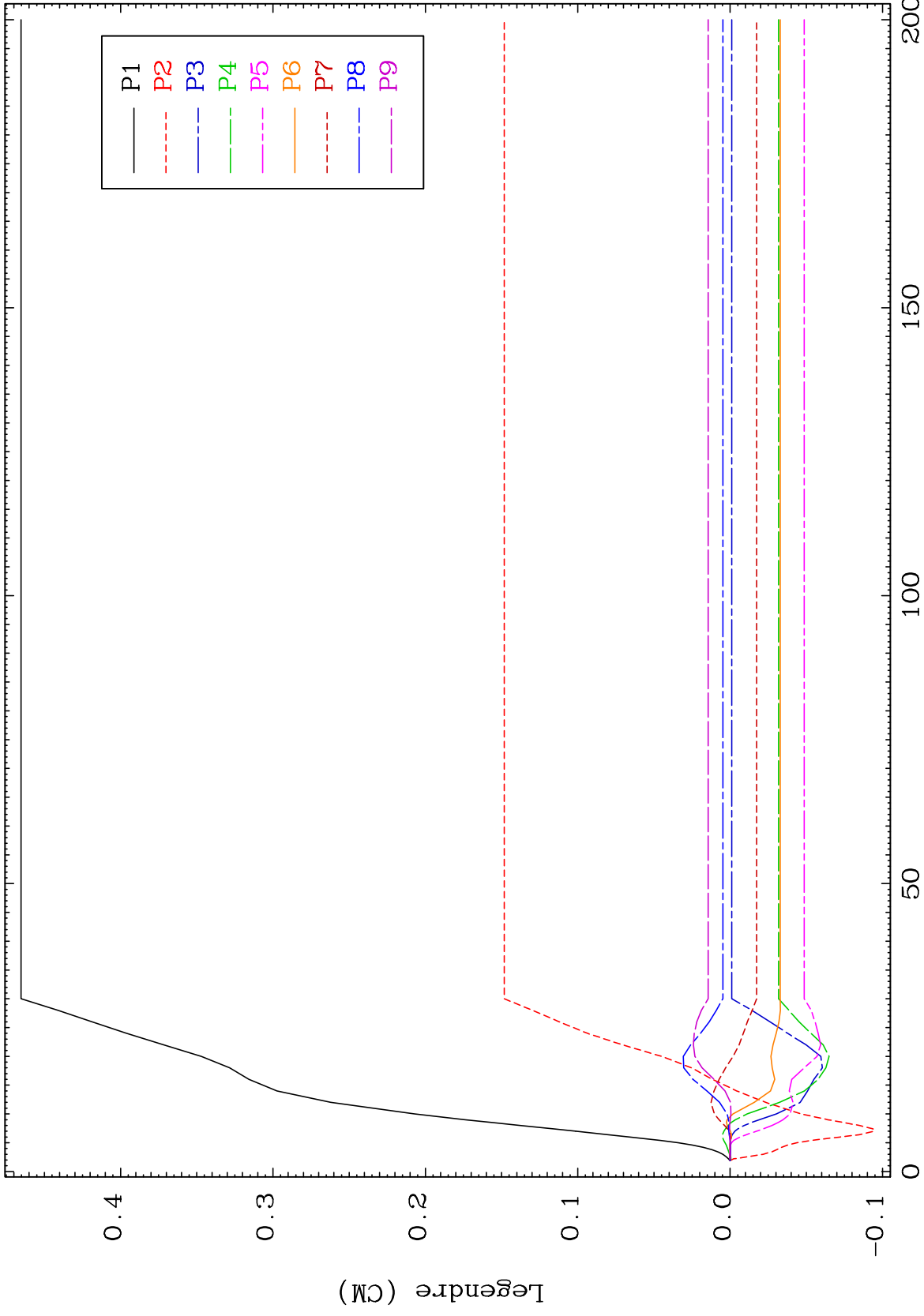
53-I -138



83

Incident Energy (MeV)

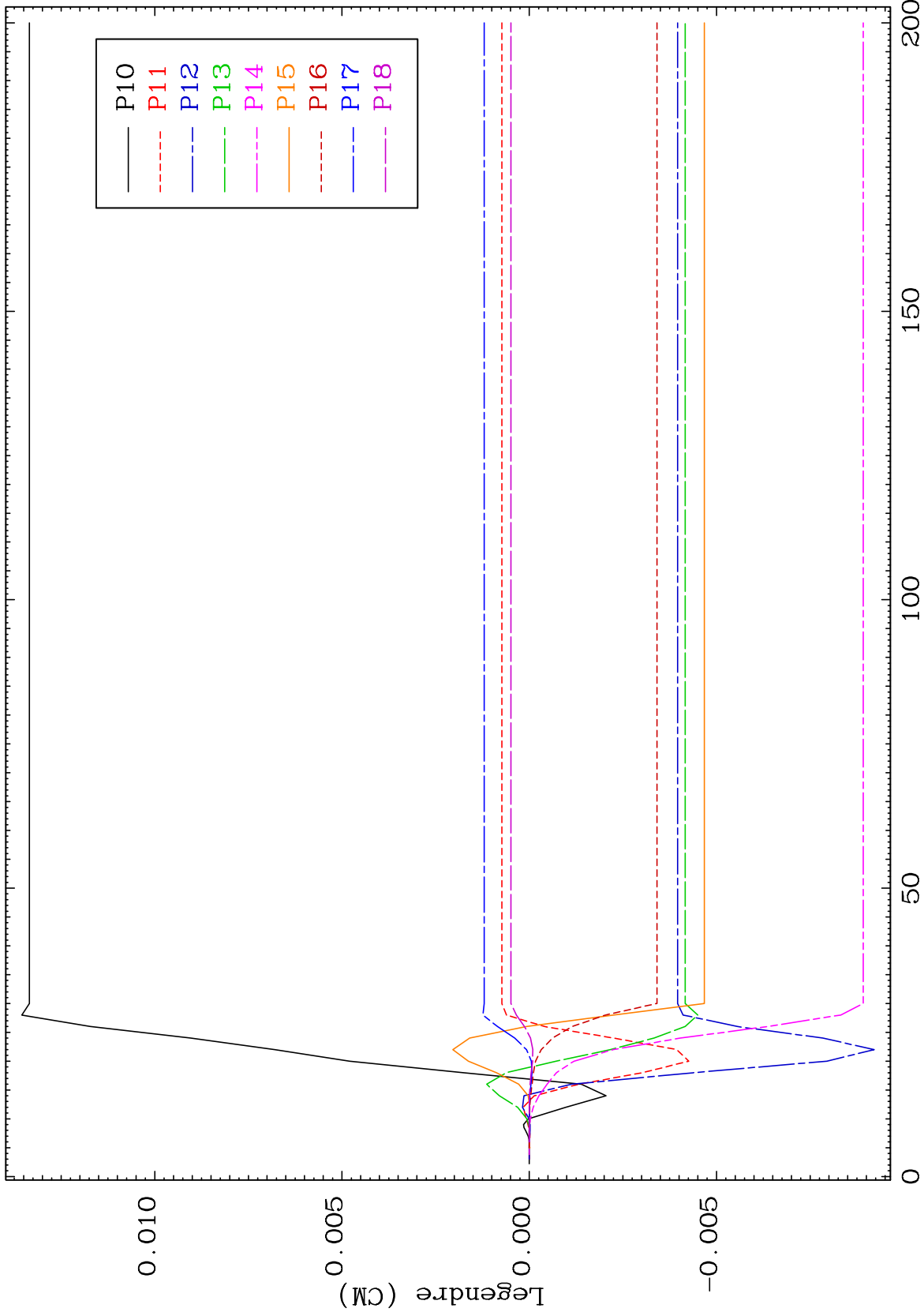
53-I -138



MAT 5358

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

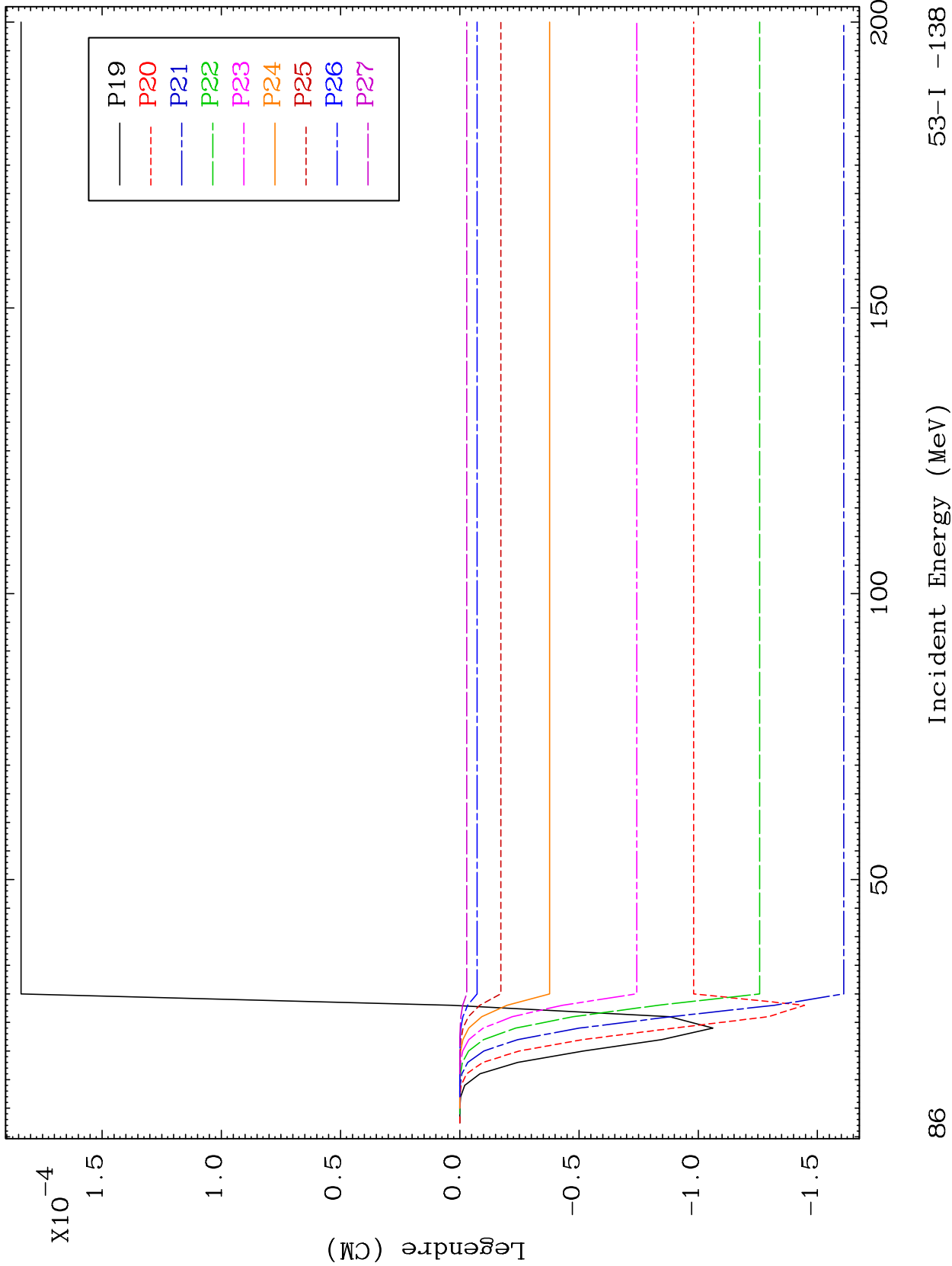
53-I -138

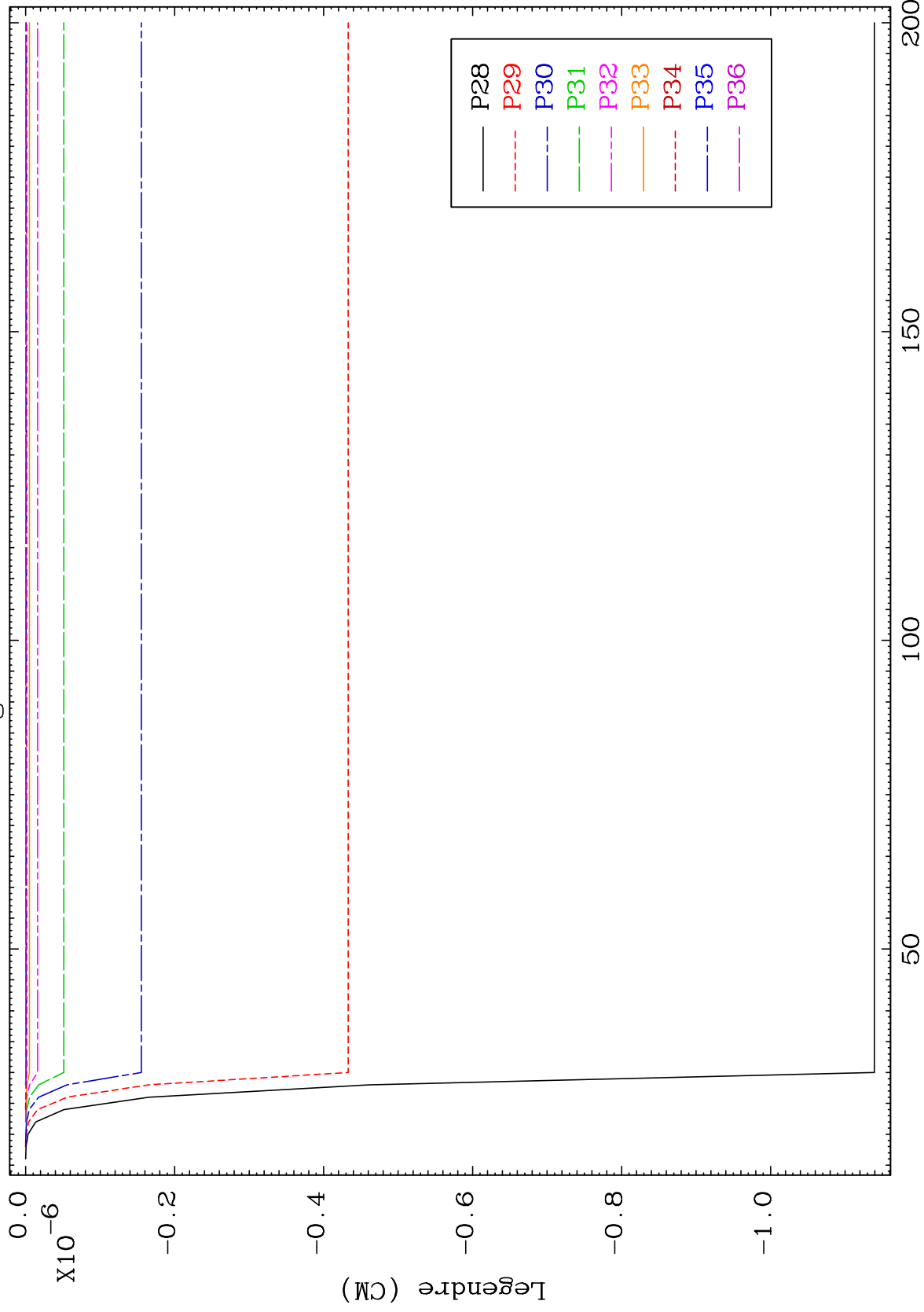


85

Incident Energy (MeV)

53-I -138

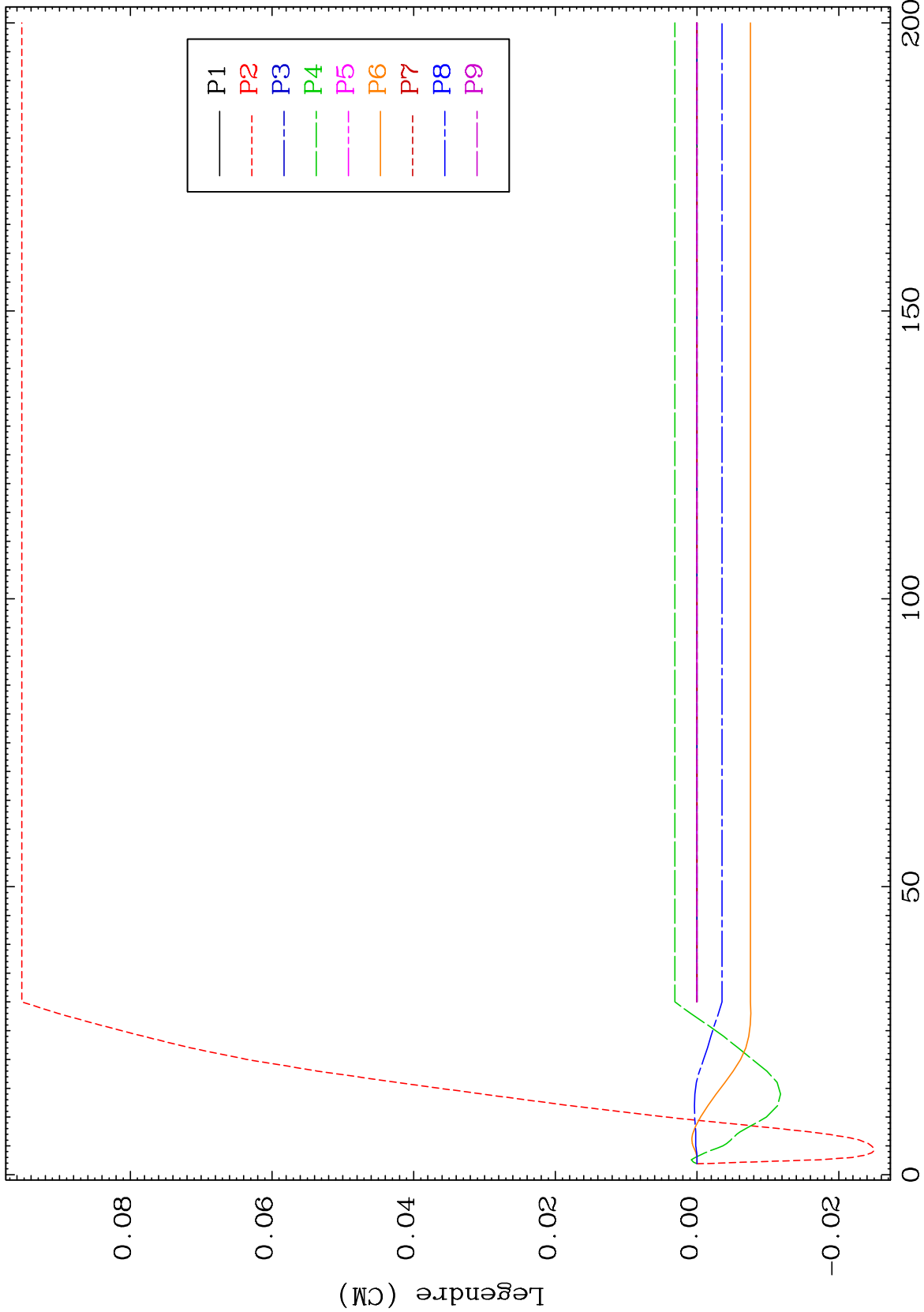




MAT 5358

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

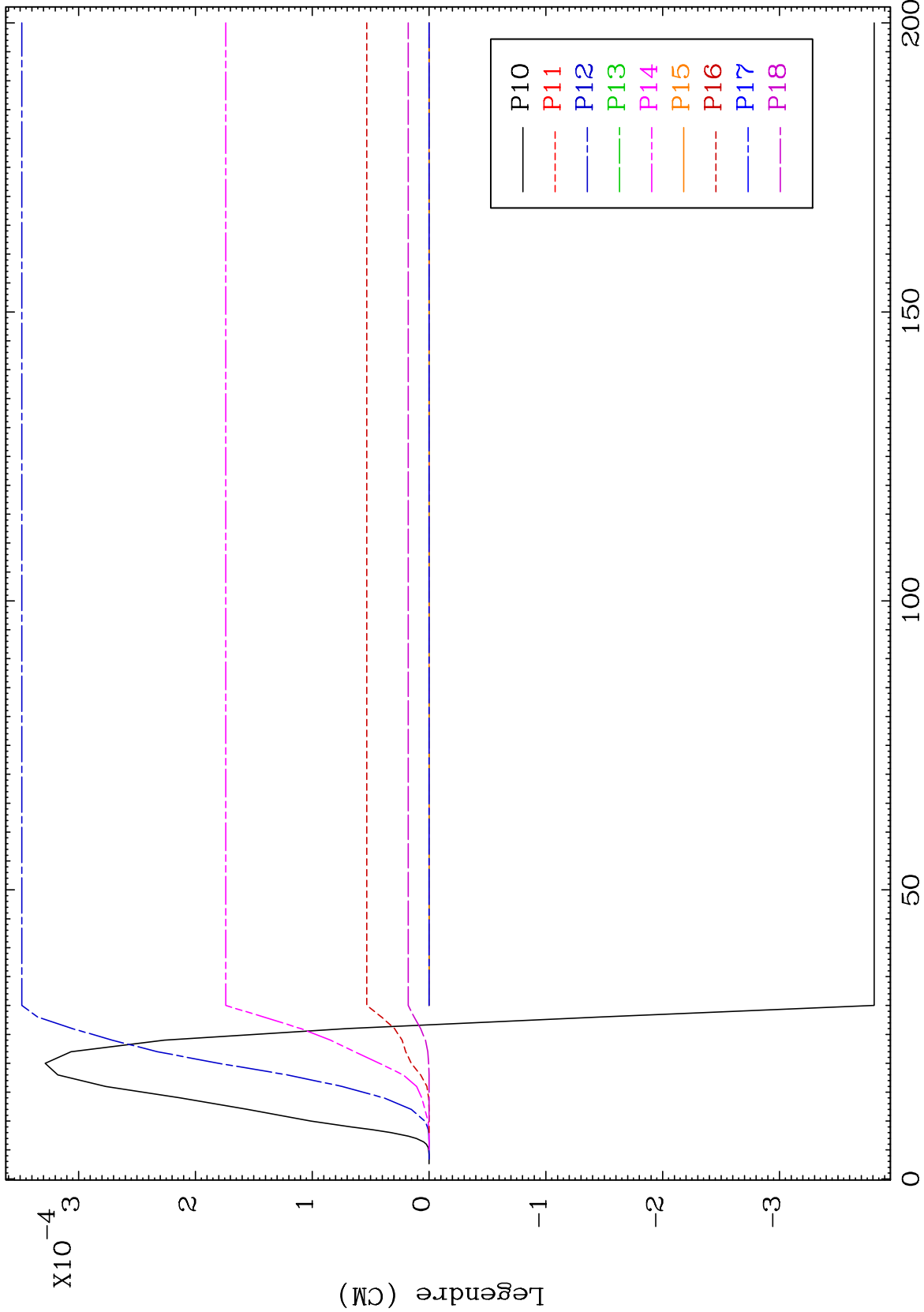
53-I -138



88

Incident Energy (MeV)

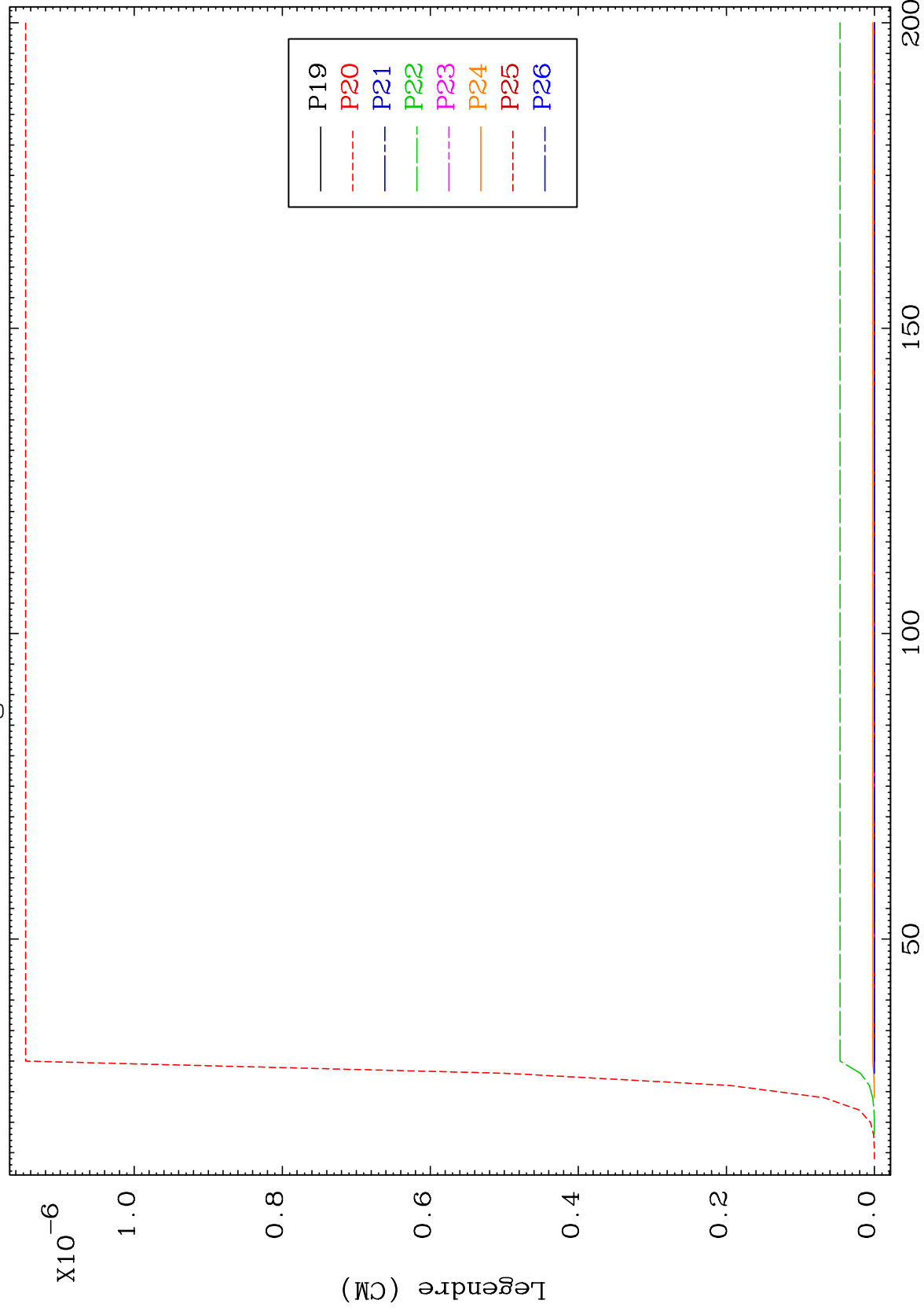
53-I -138



MAT 5358

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

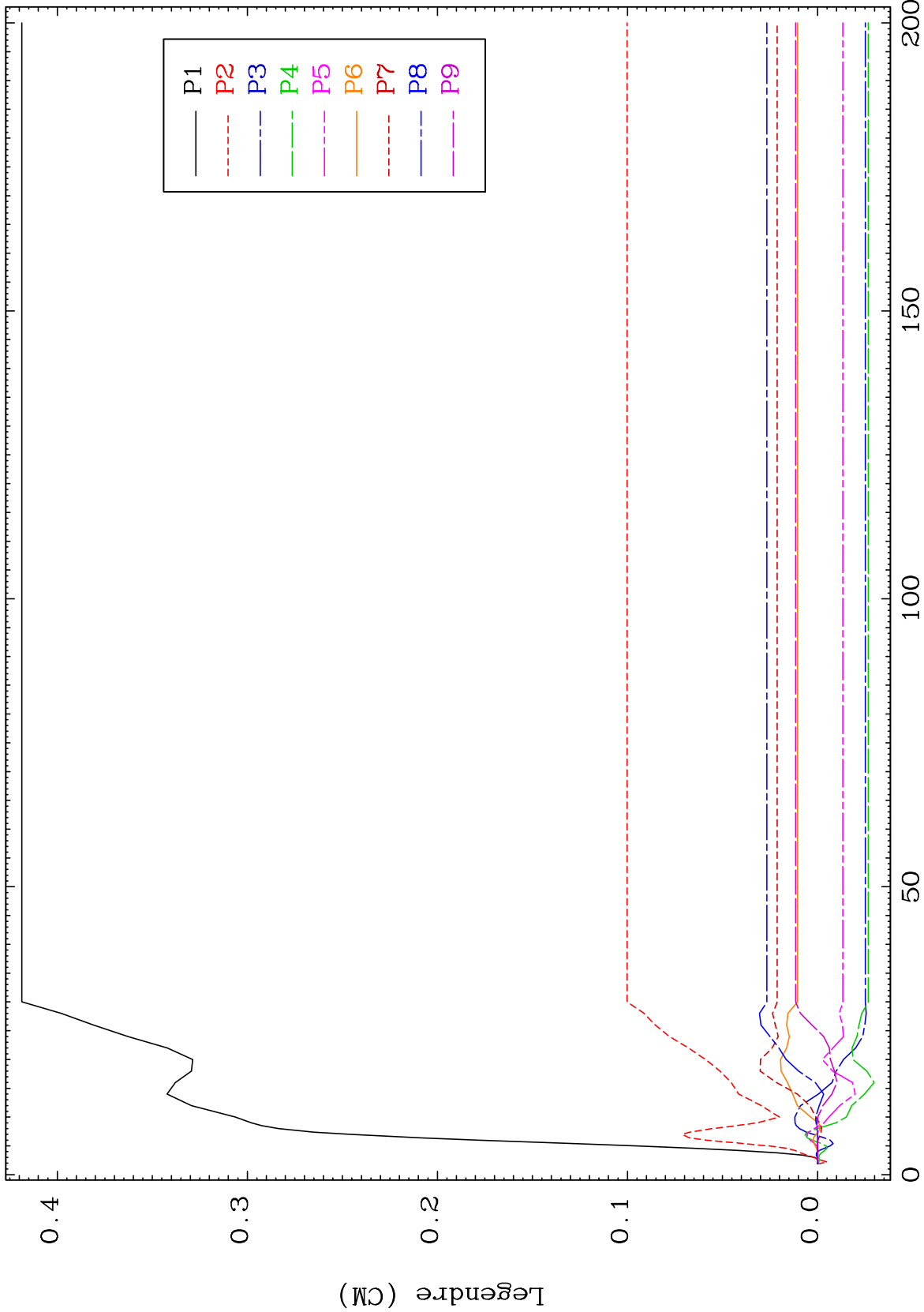
53-I -138

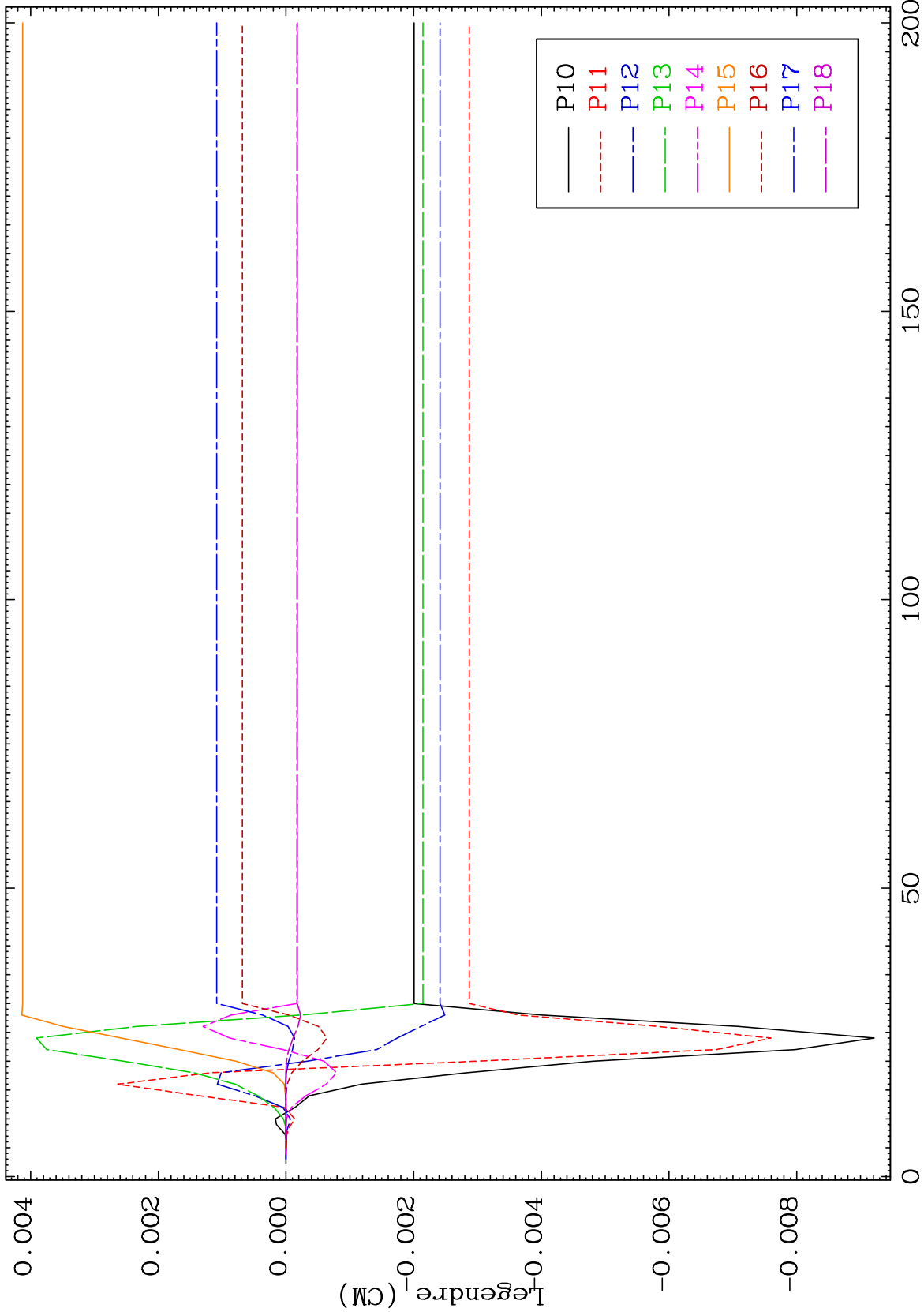


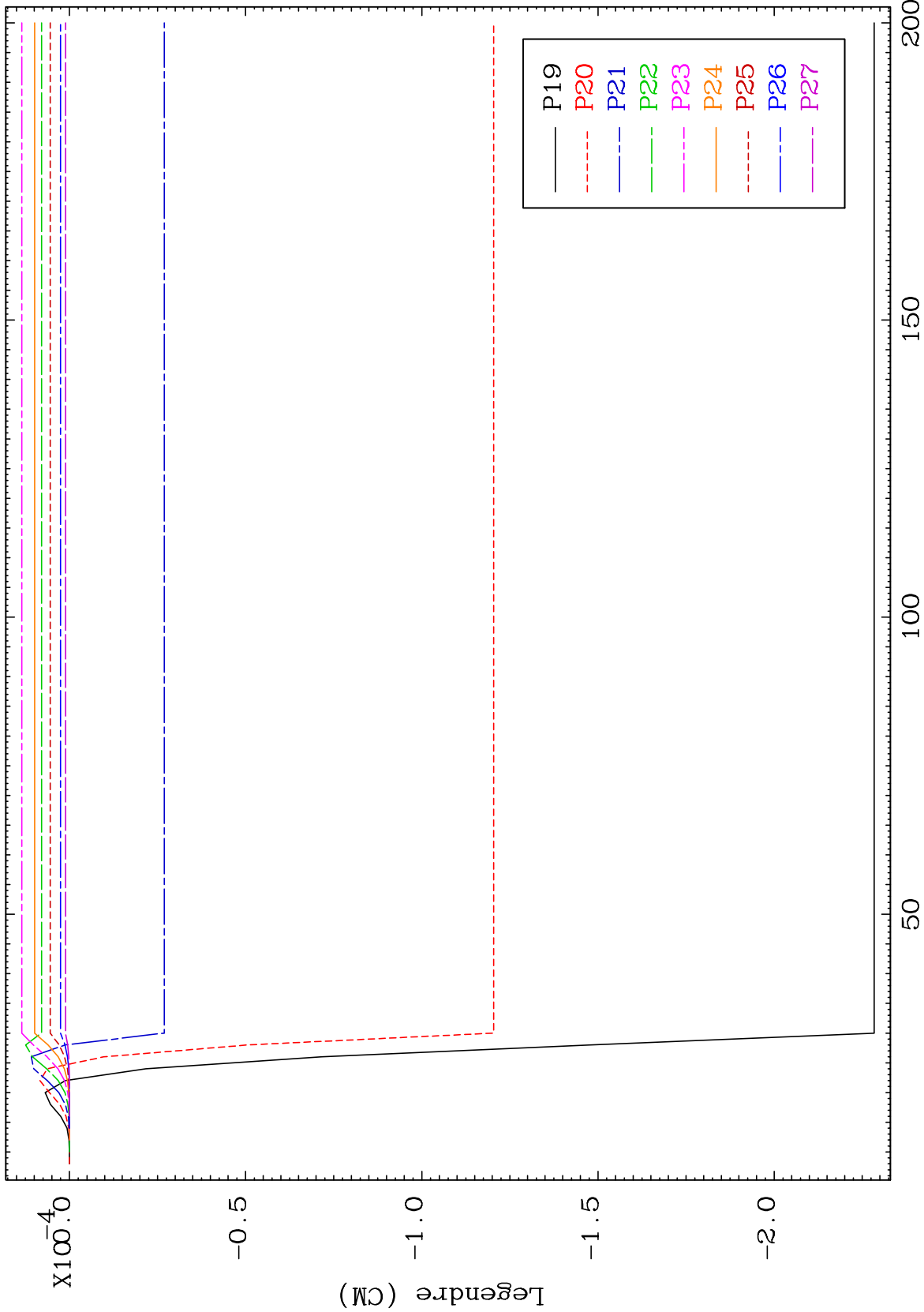
90

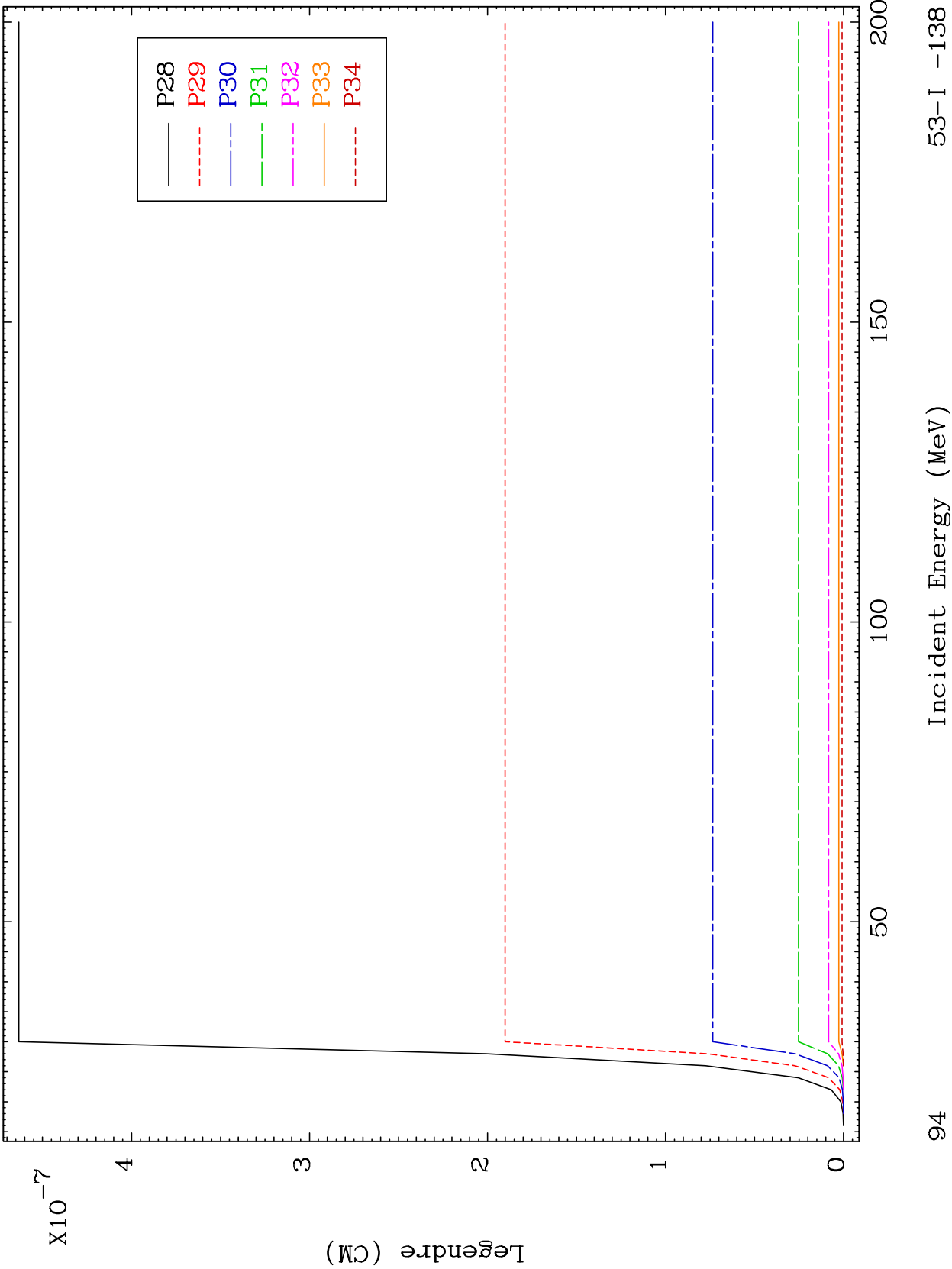
Incident Energy (MeV)

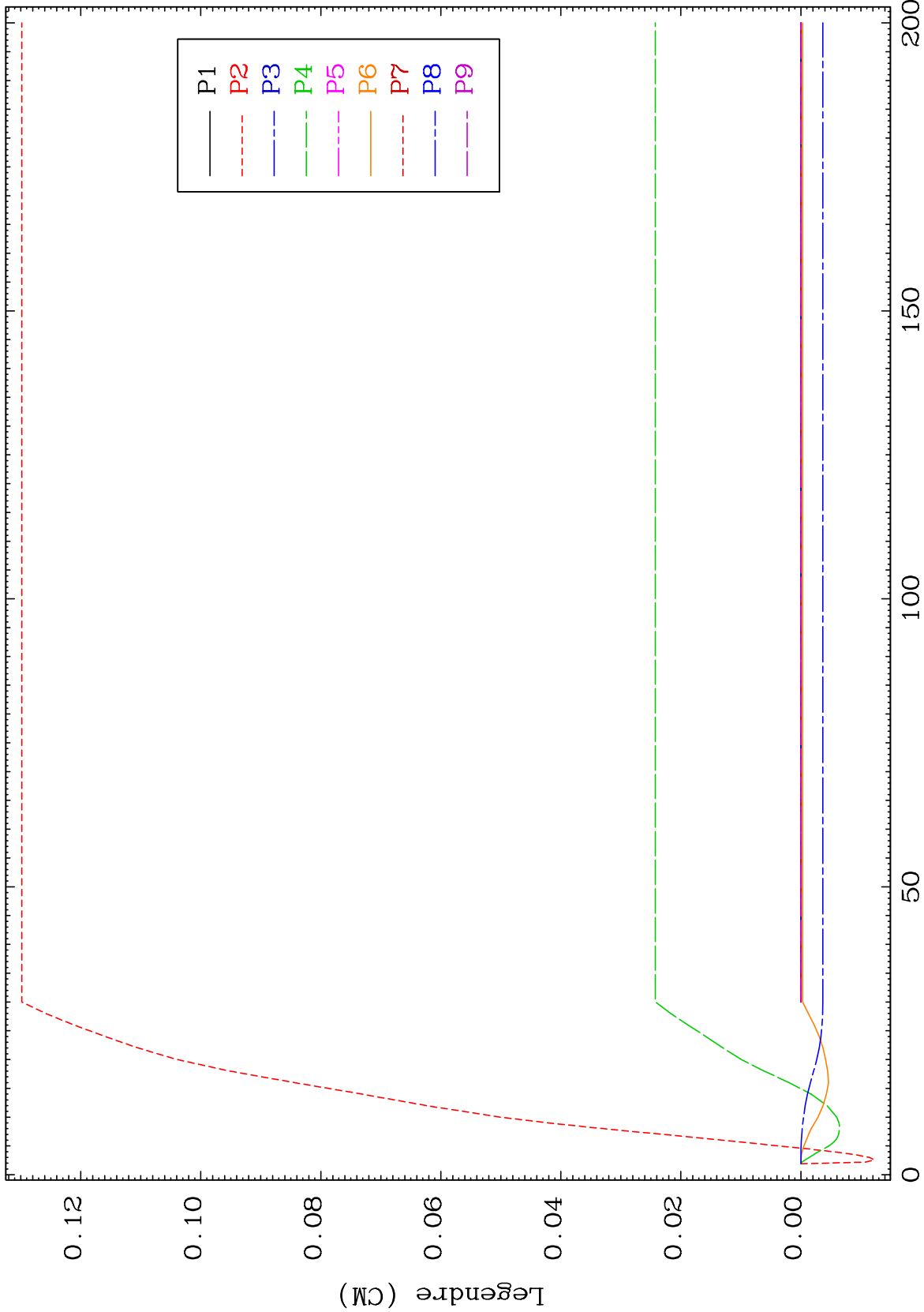
53-I -138

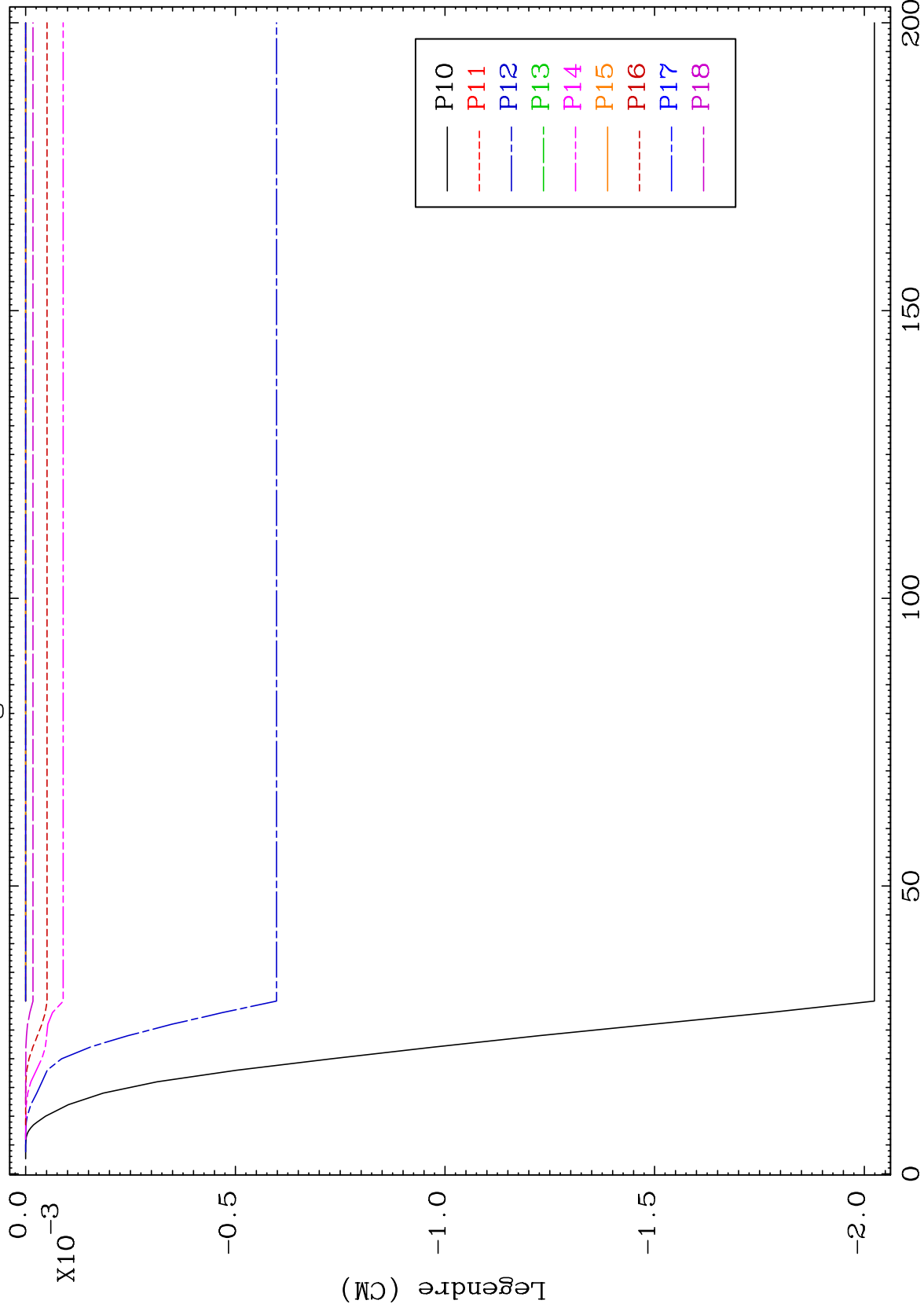








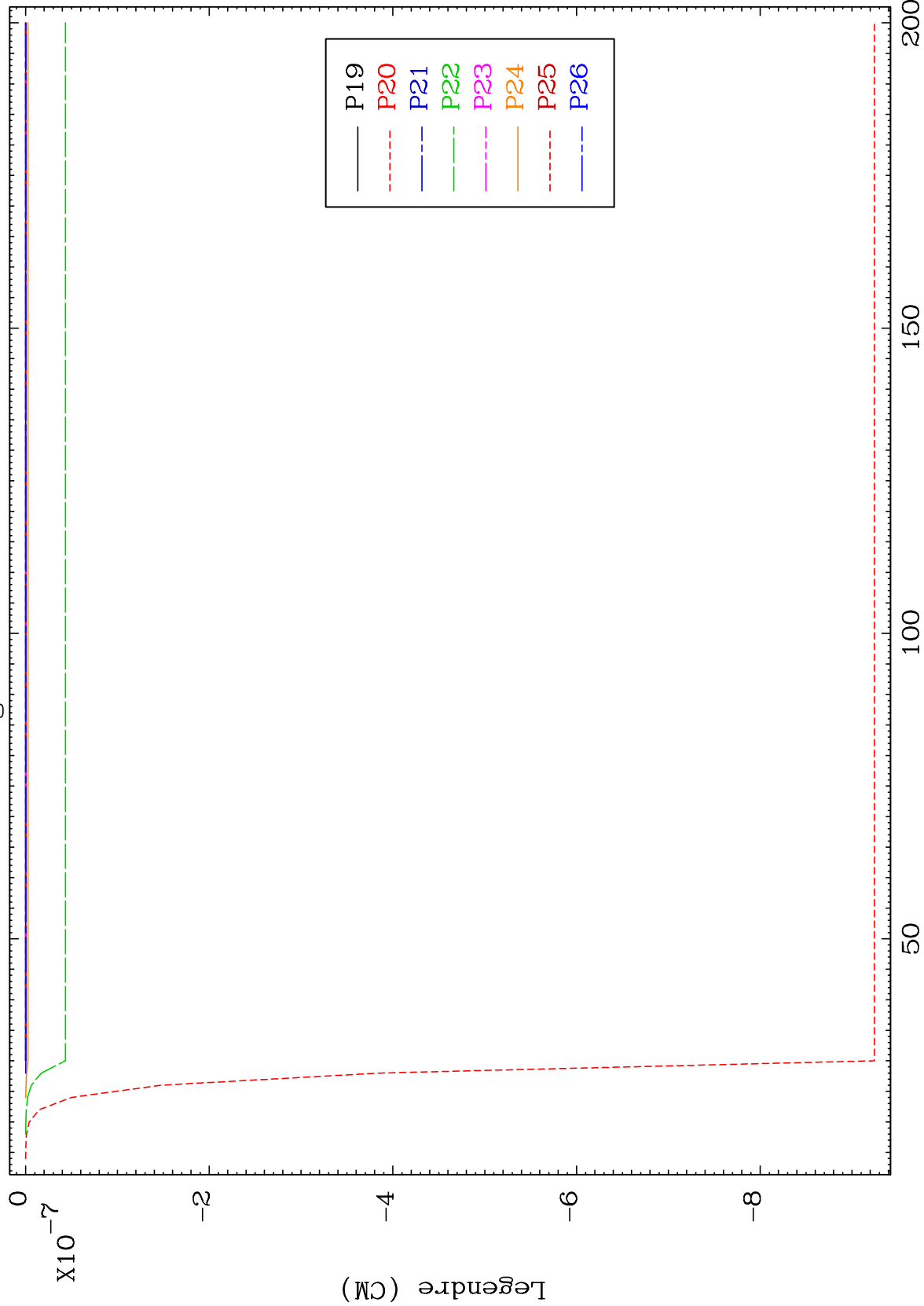




MAT 5358

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

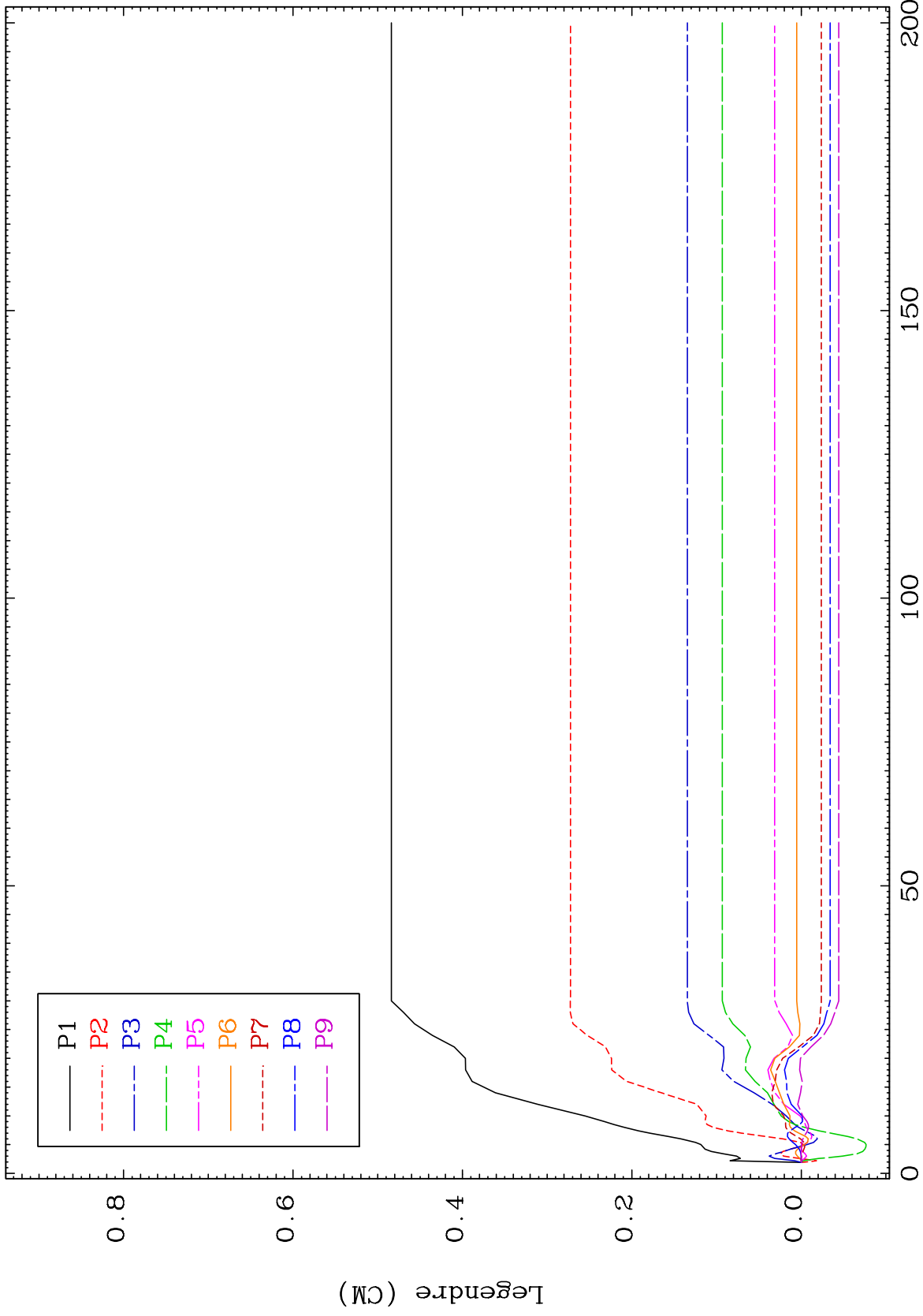
53-I -138

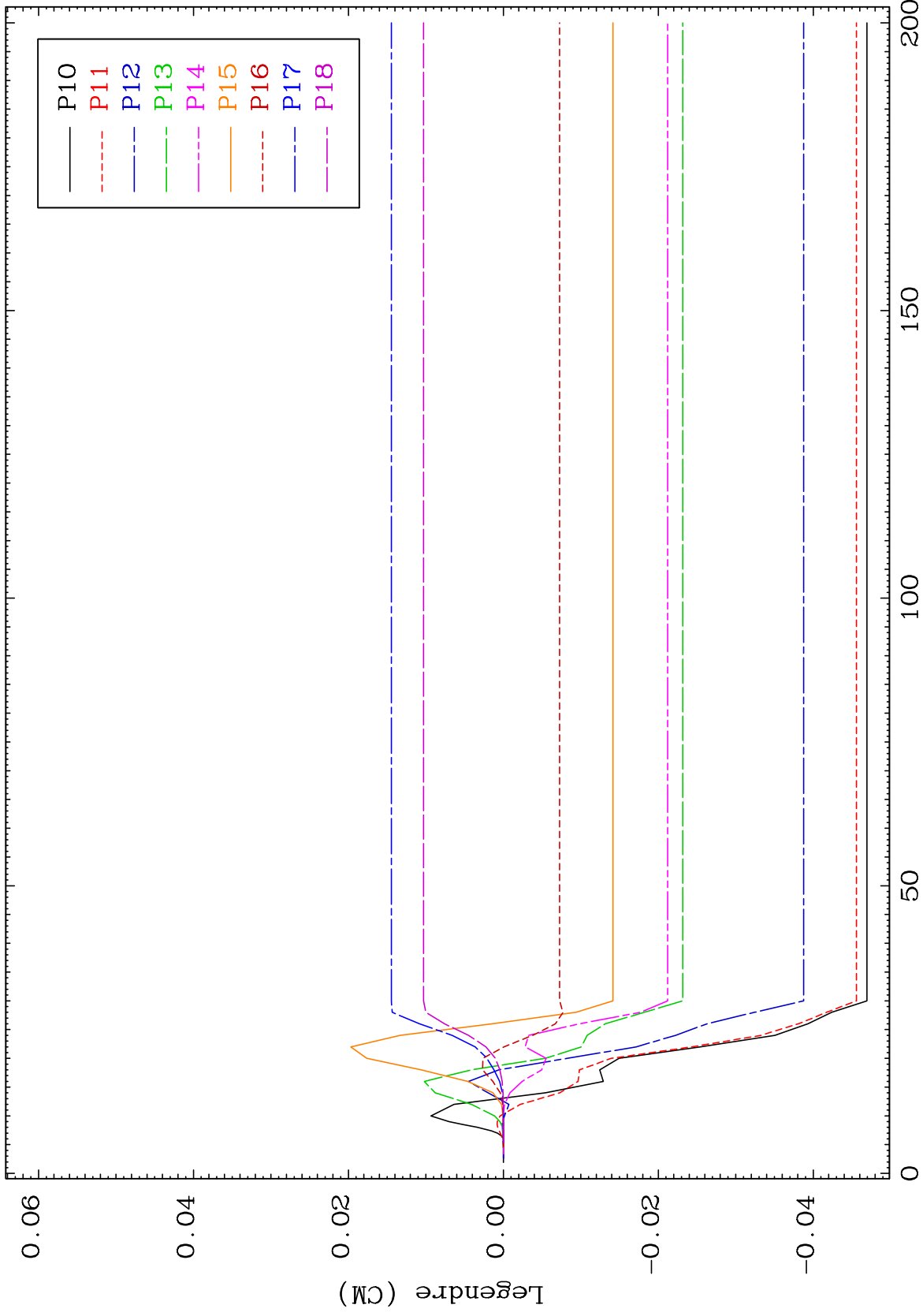


97

Incident Energy (MeV)

53-I -138

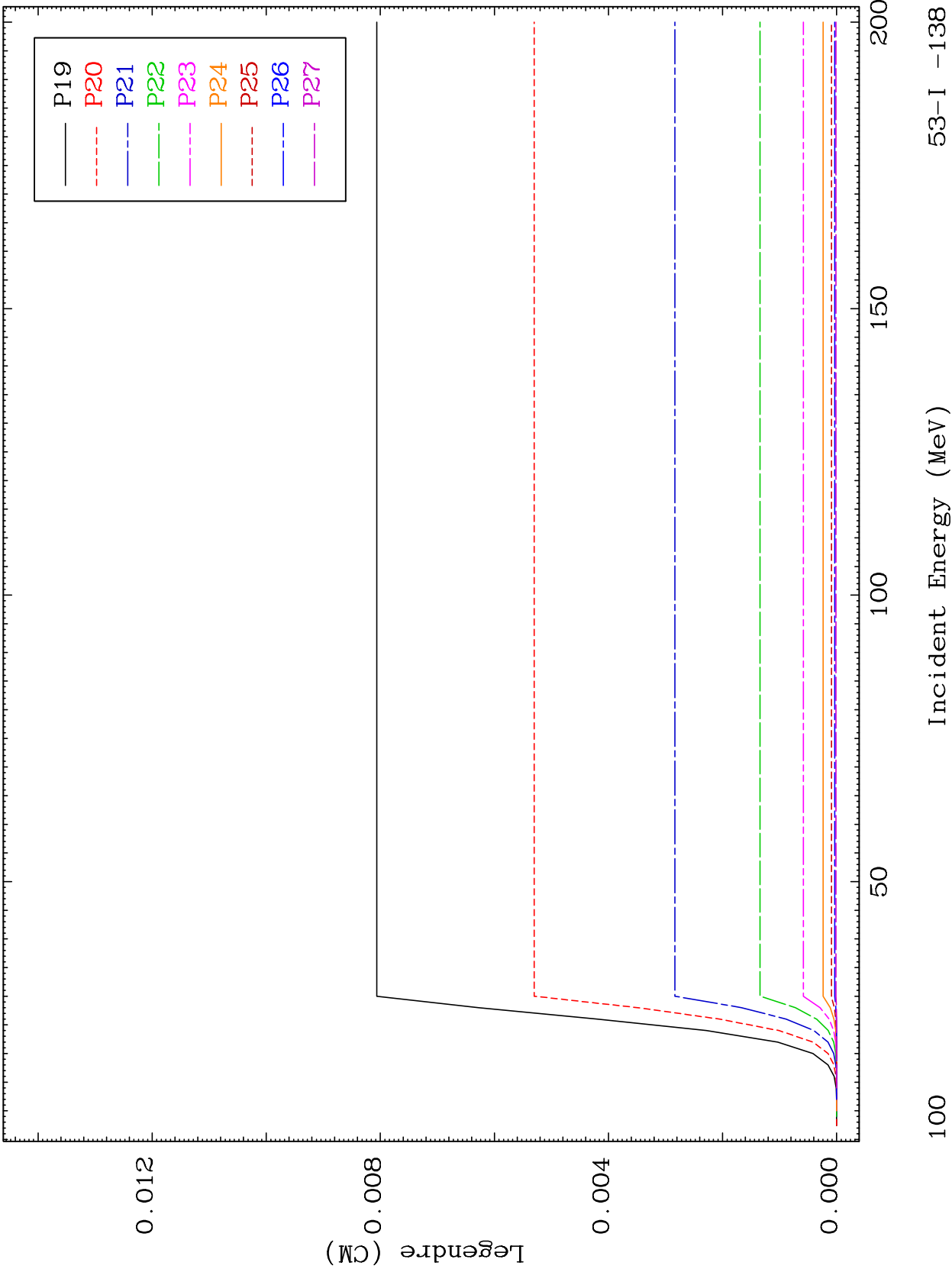




MAT 5358

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

53-I -138



53-I -138

Incident Energy (MeV)

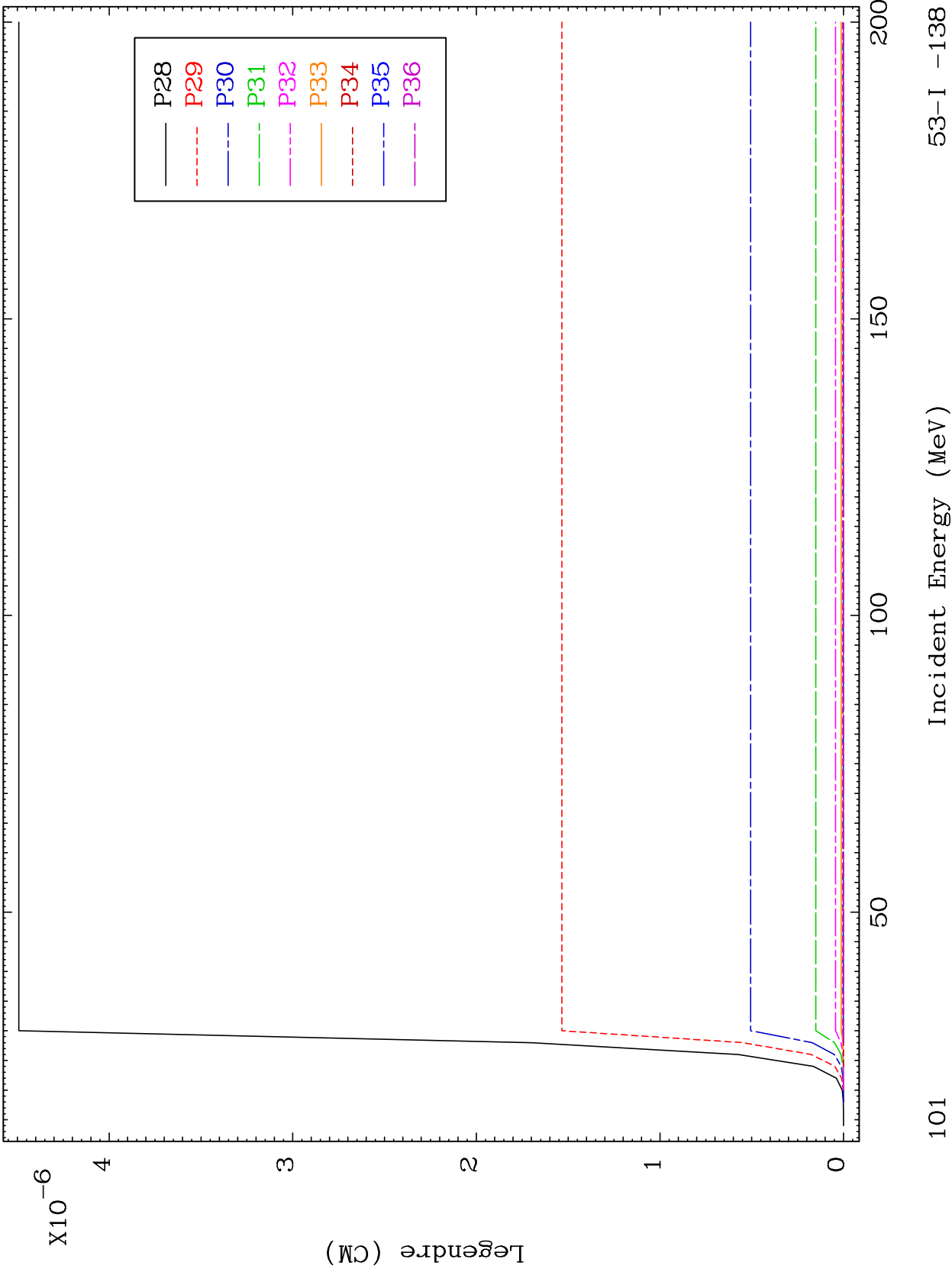
100

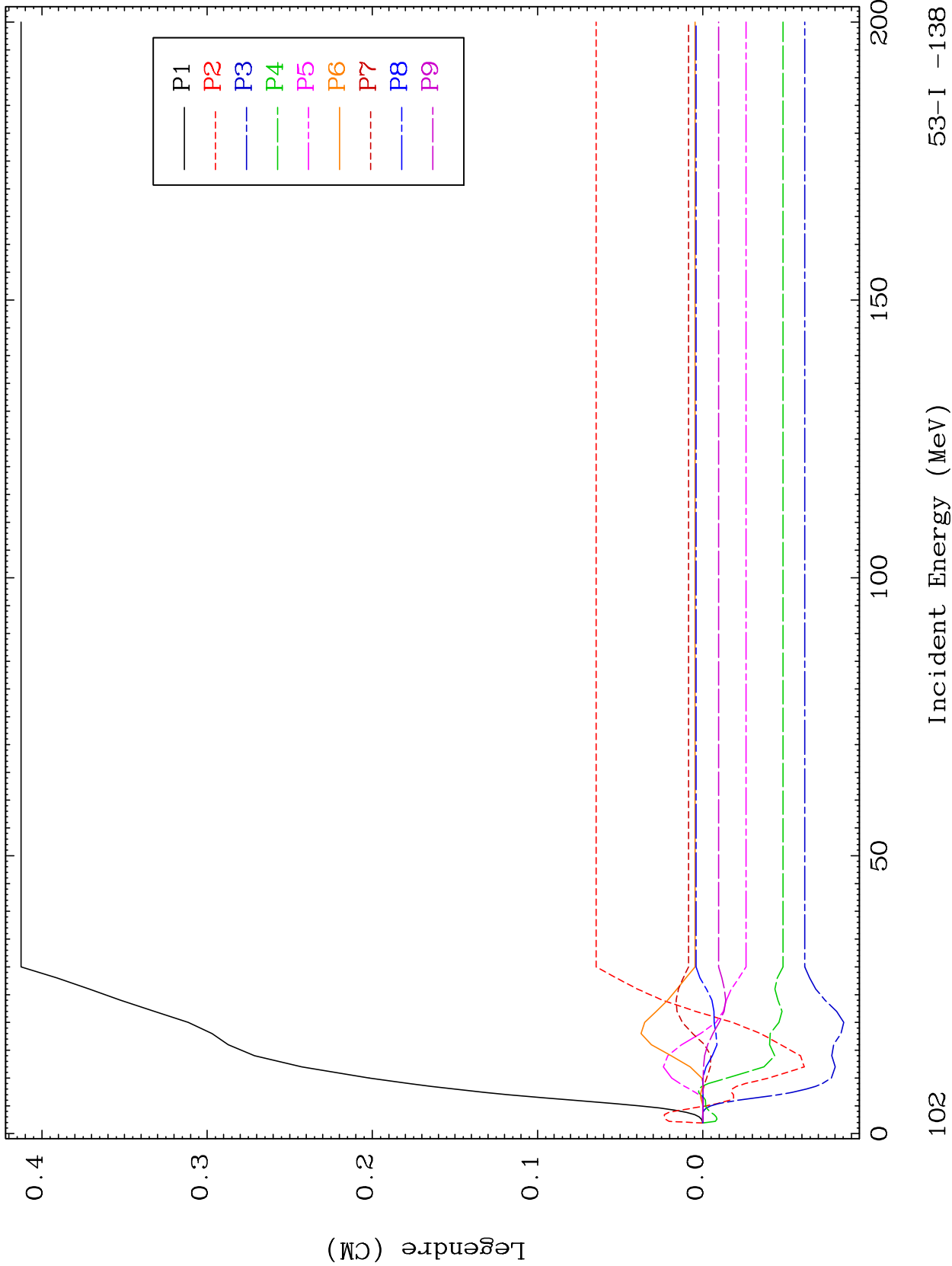
50

100

150

200

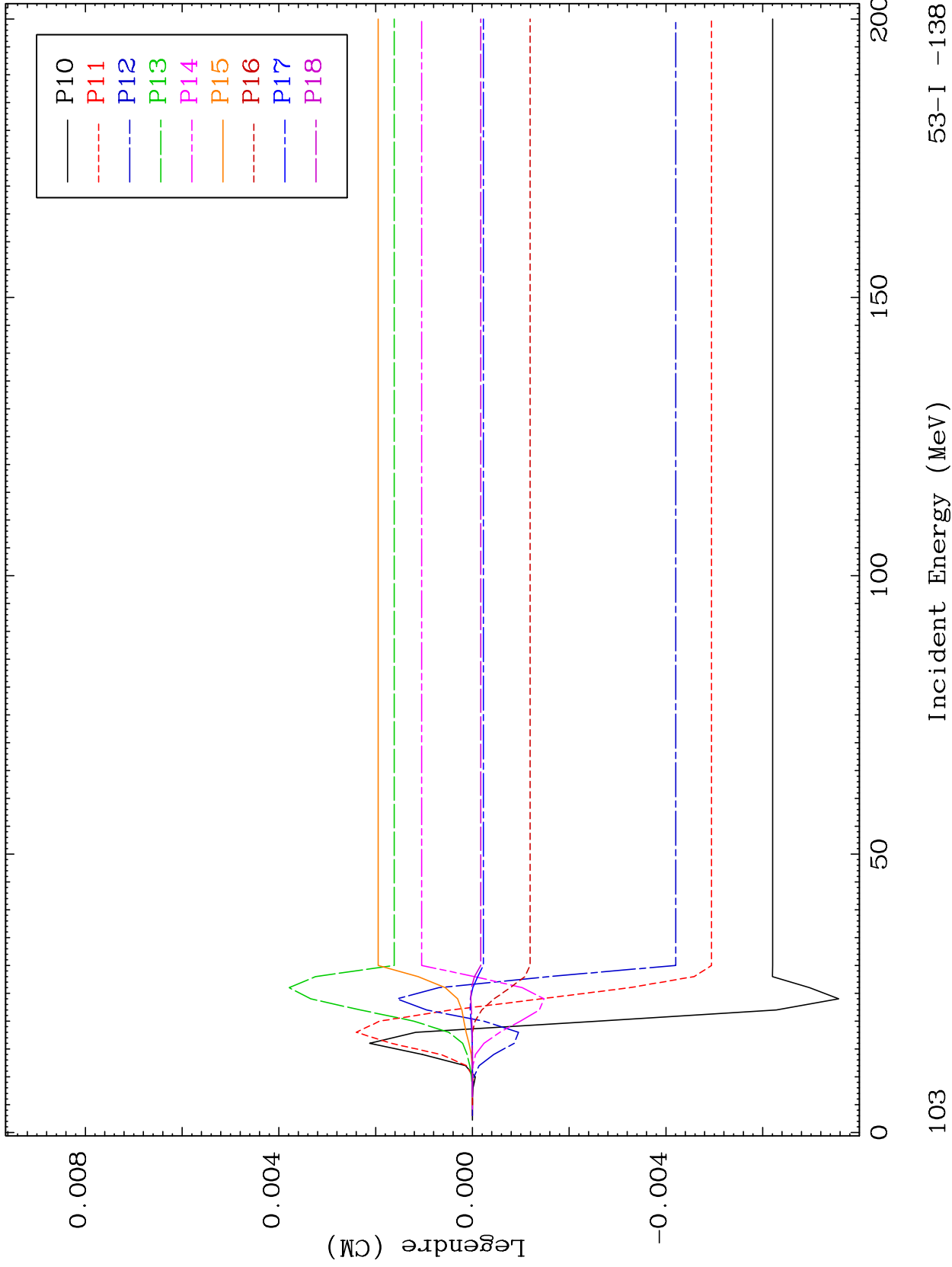


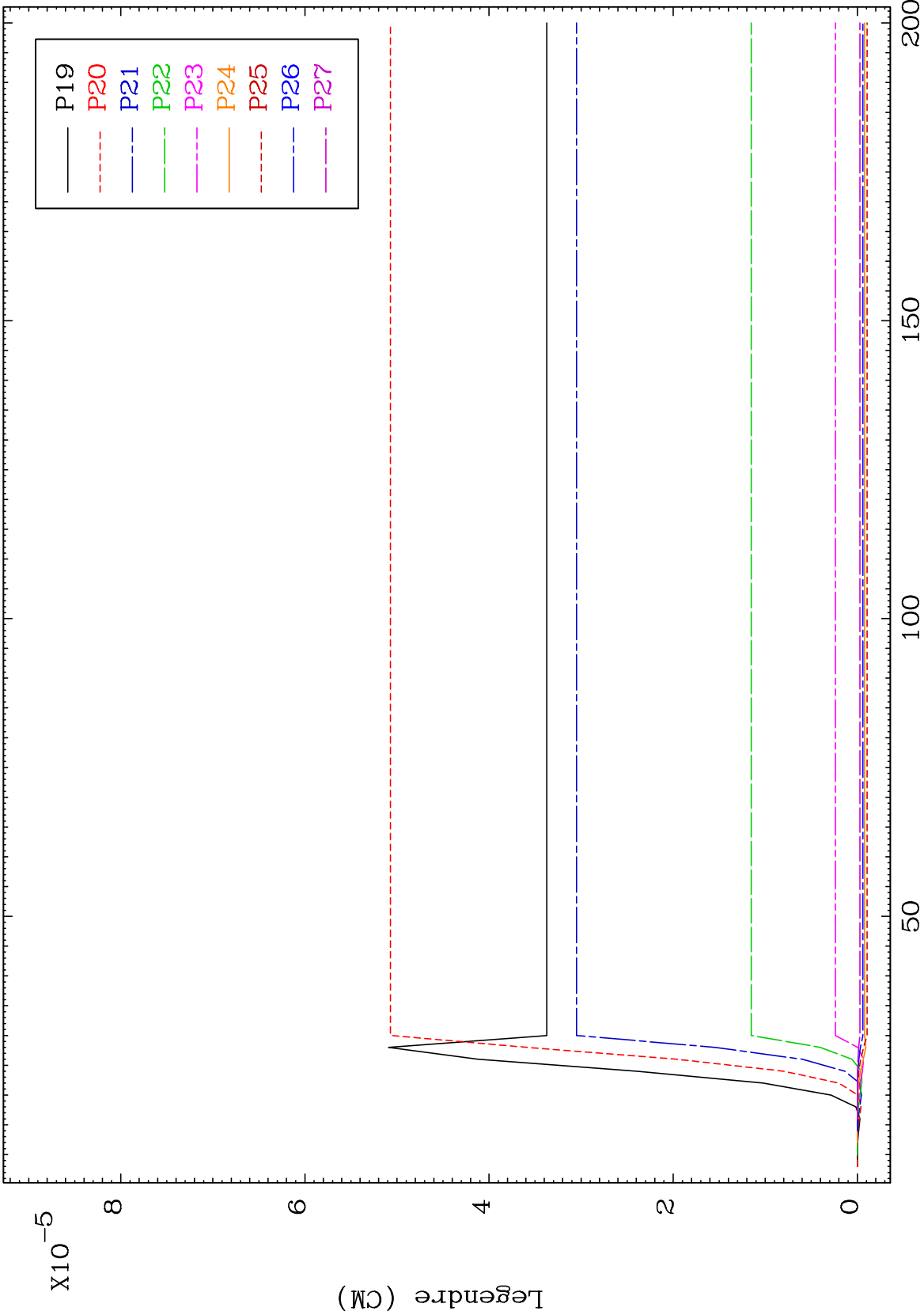


MAT 5358

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

53-I -138



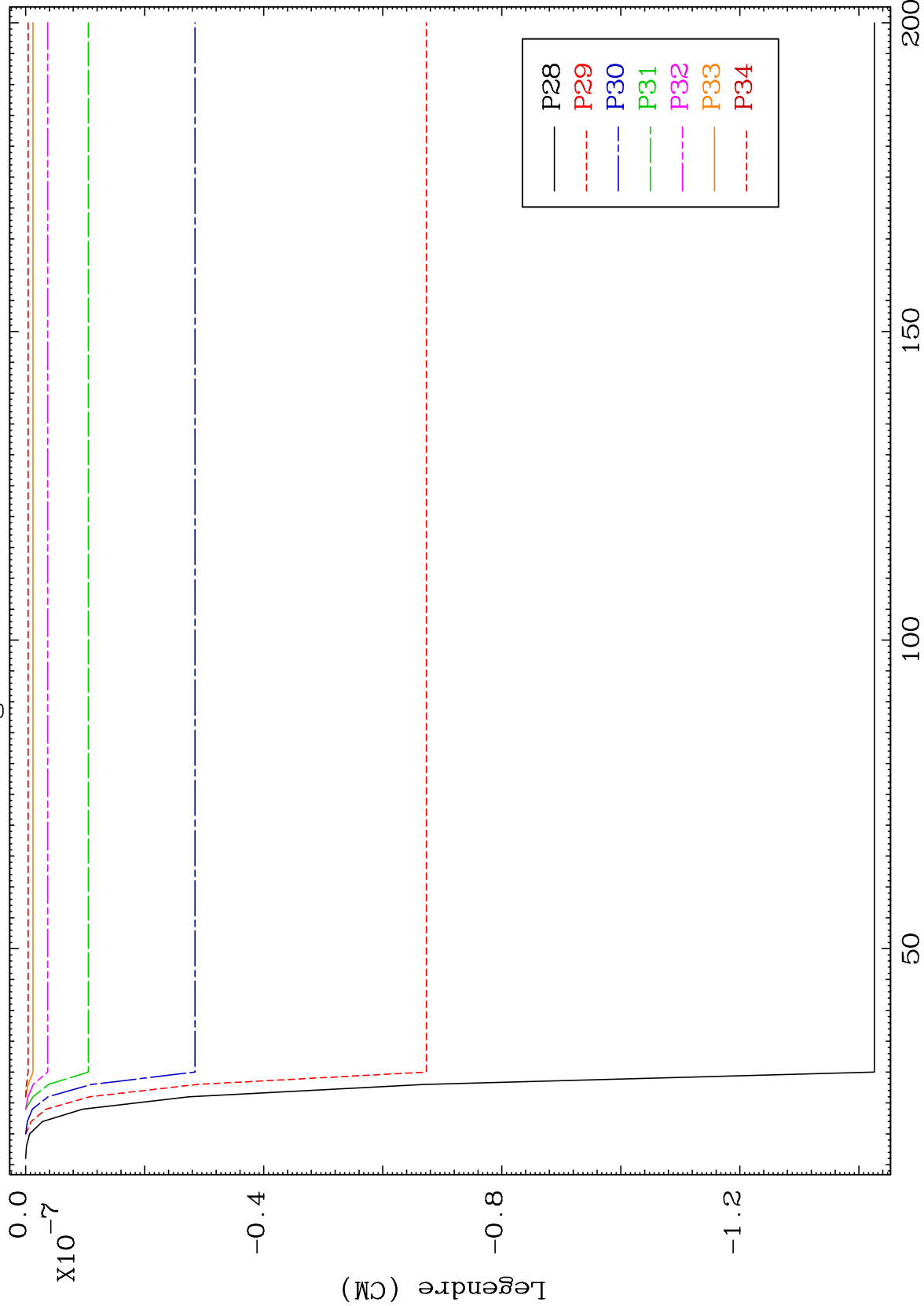


MAT 5358

MT= 75 (n,n') Level

53-I -138

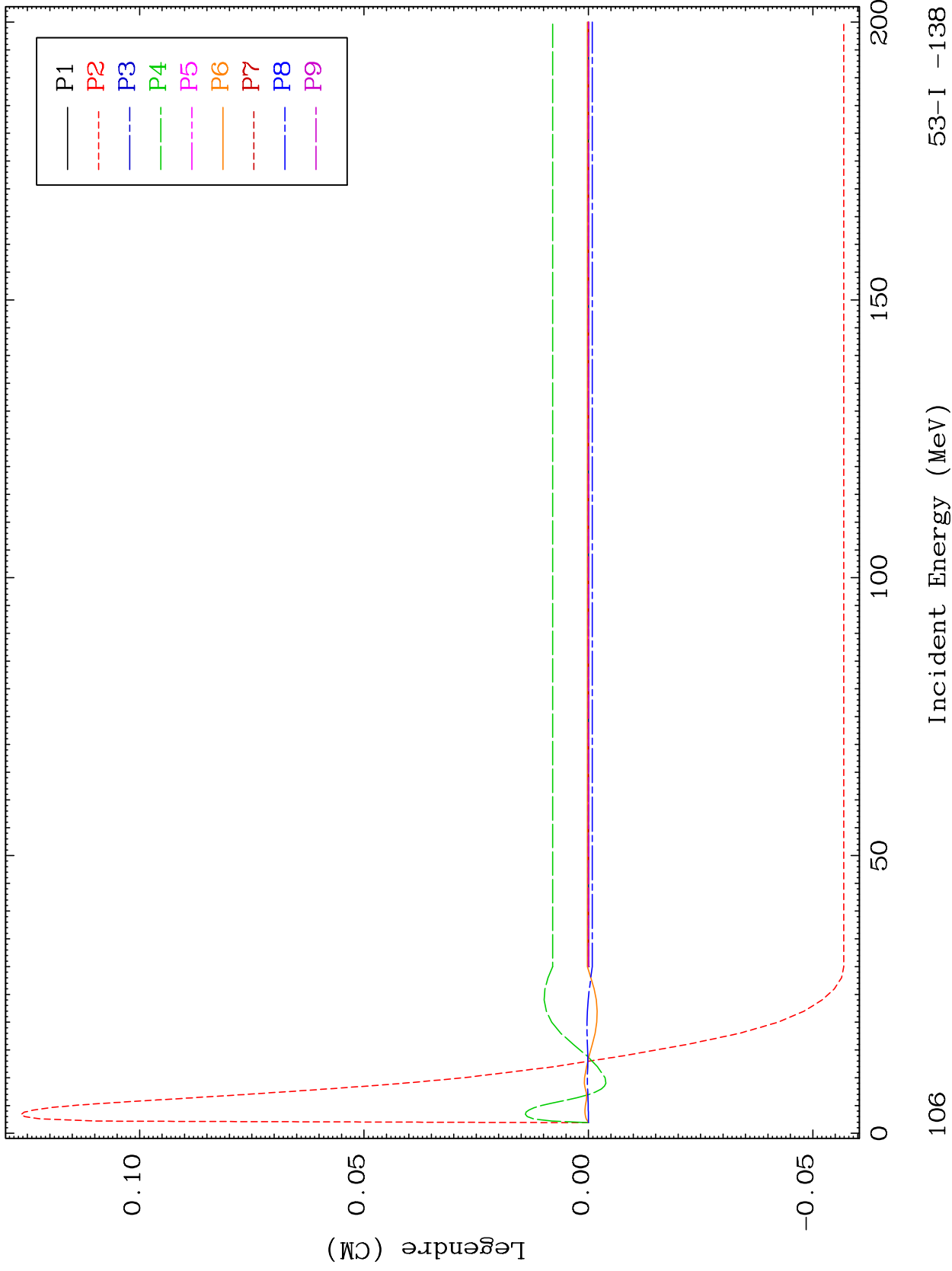
Legendre Coefficients

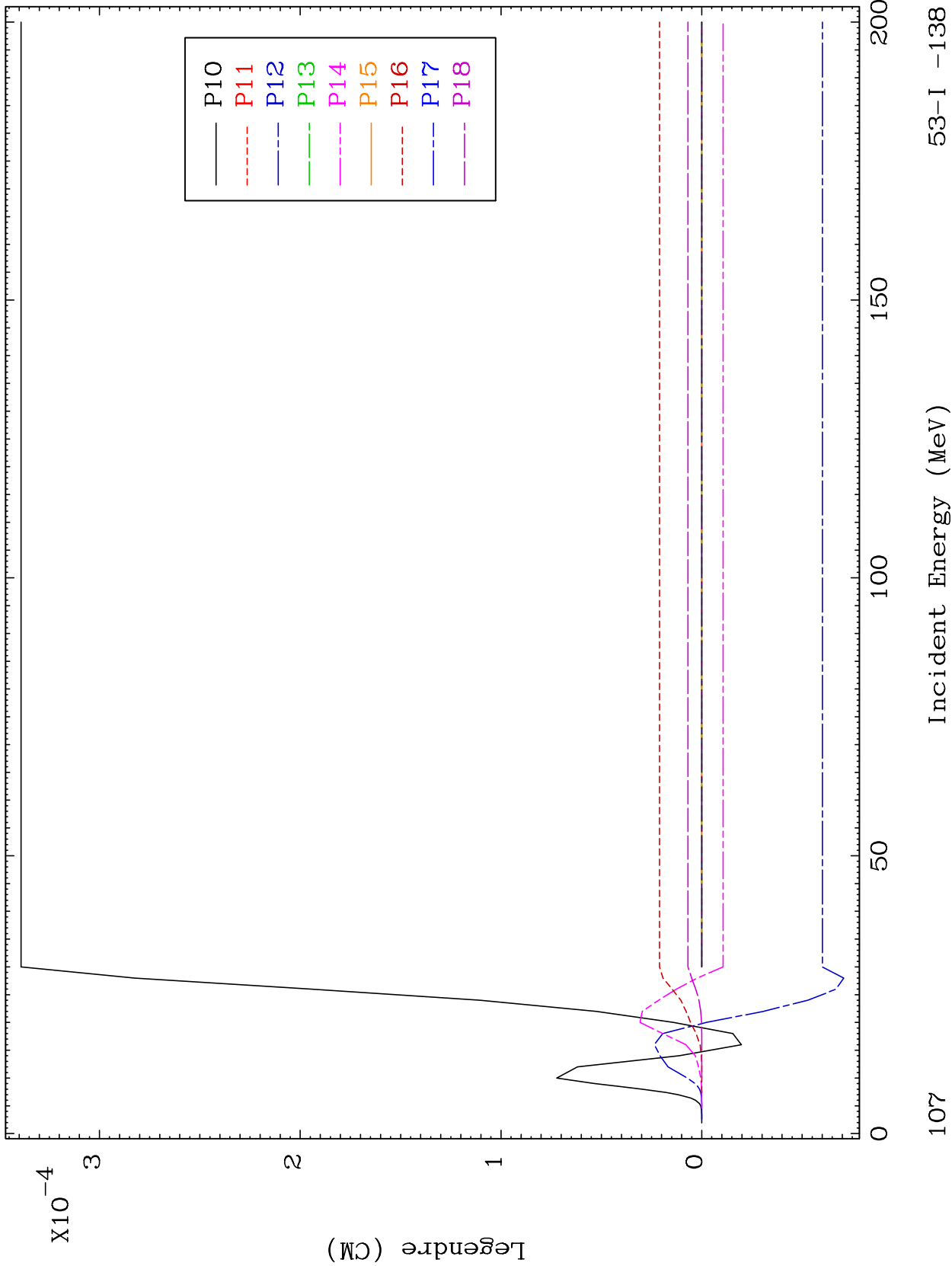


105

Incident Energy (MeV)

53-I -138

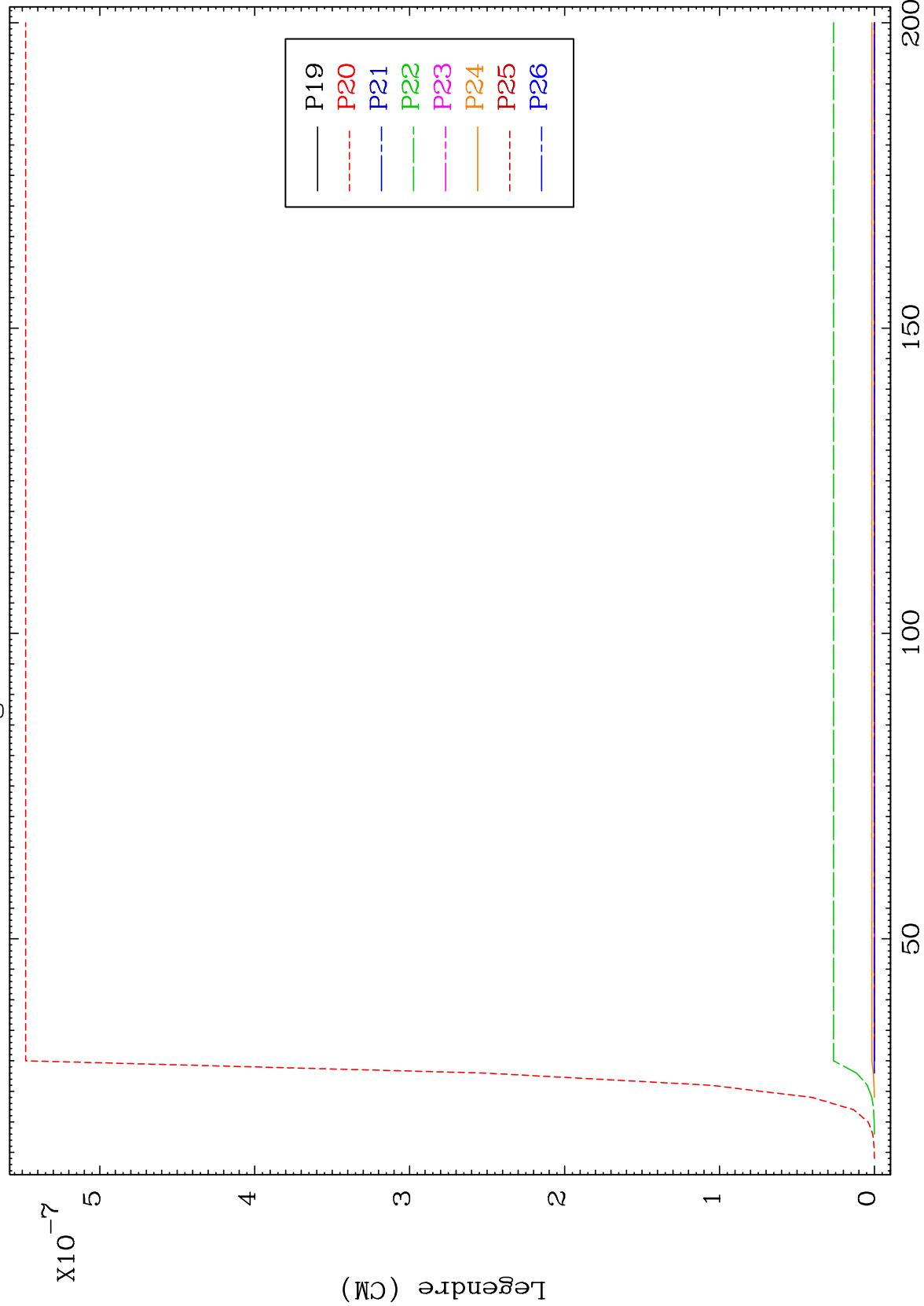




MAT 5358

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

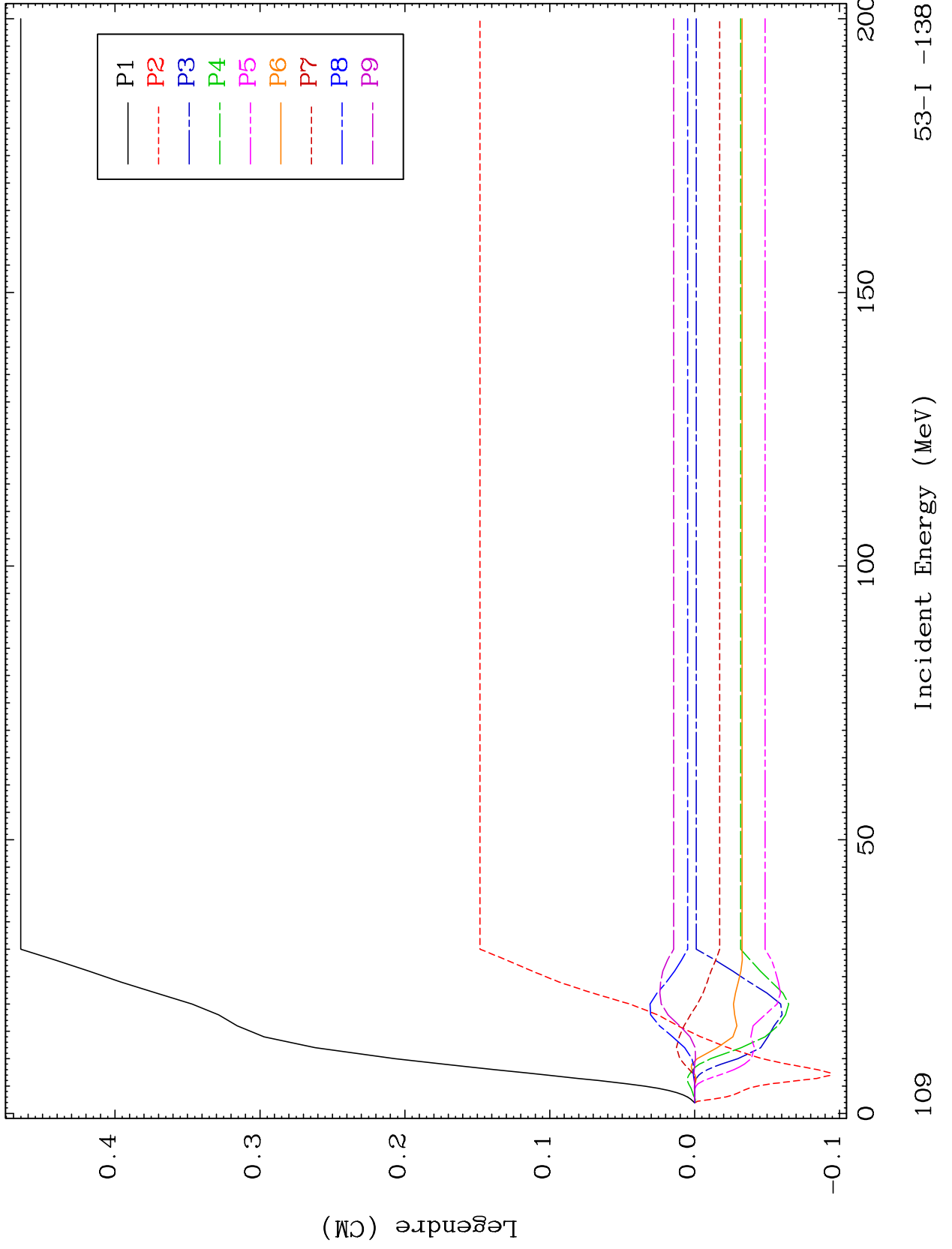
53-I -138

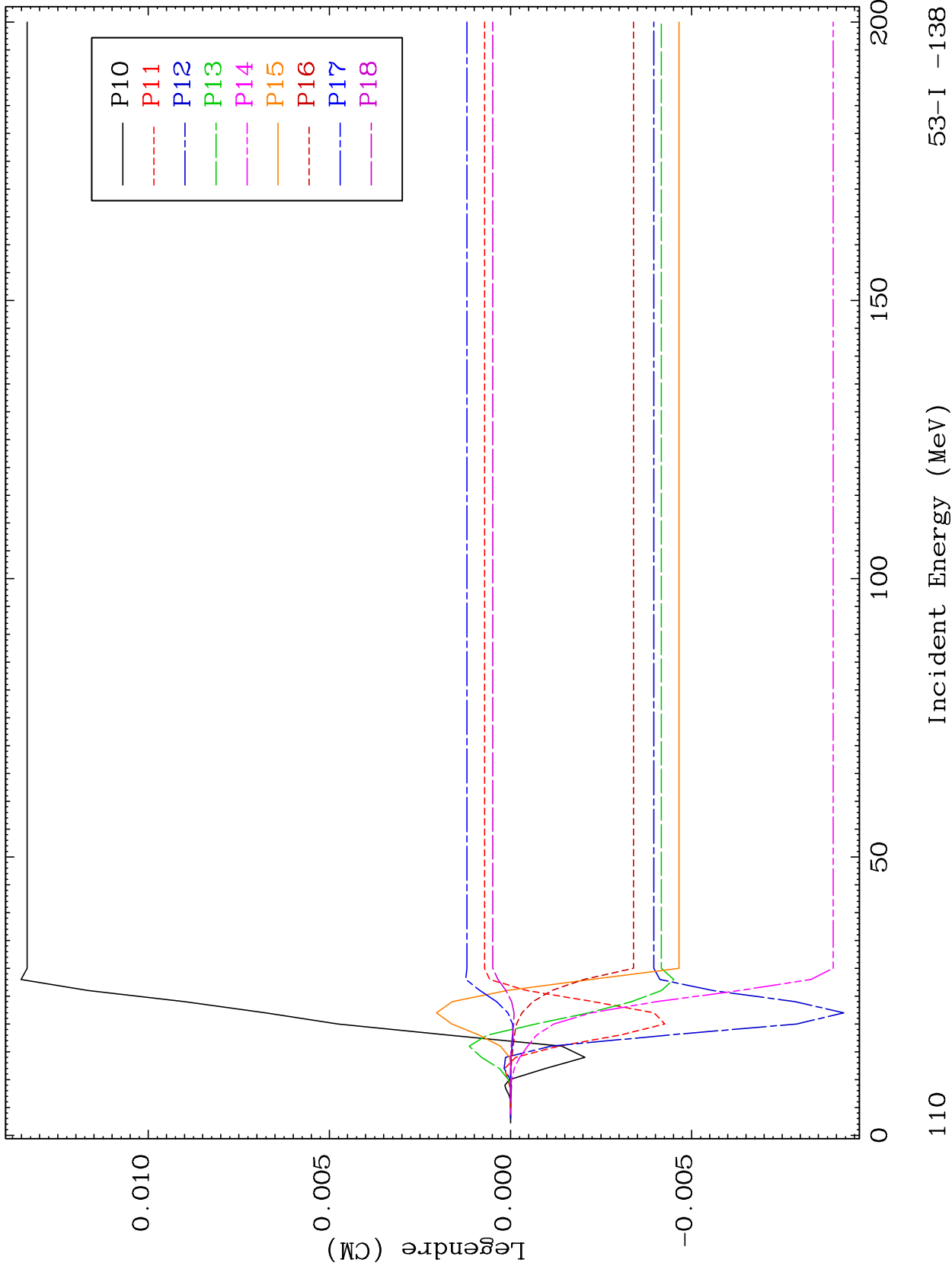


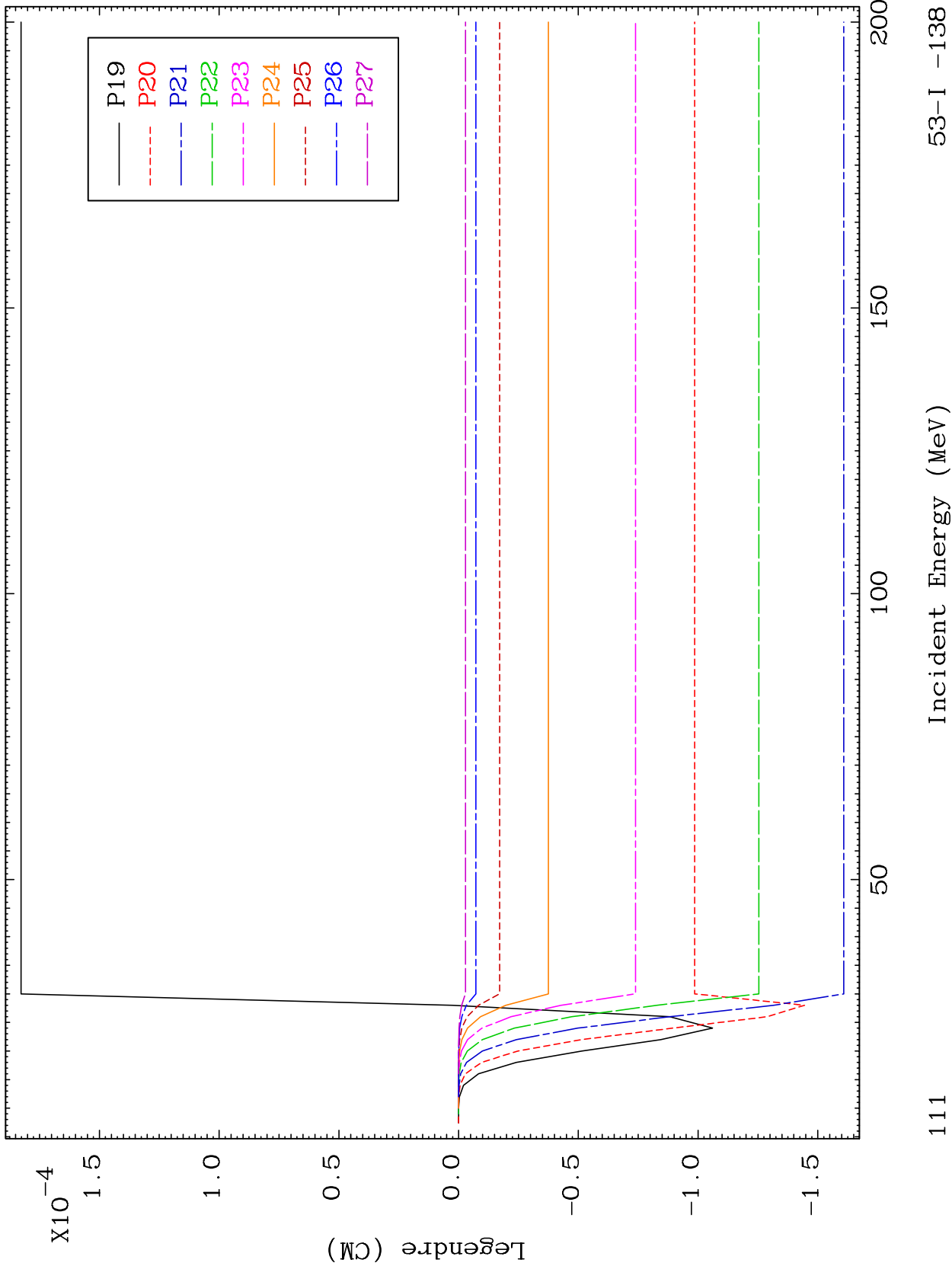
108

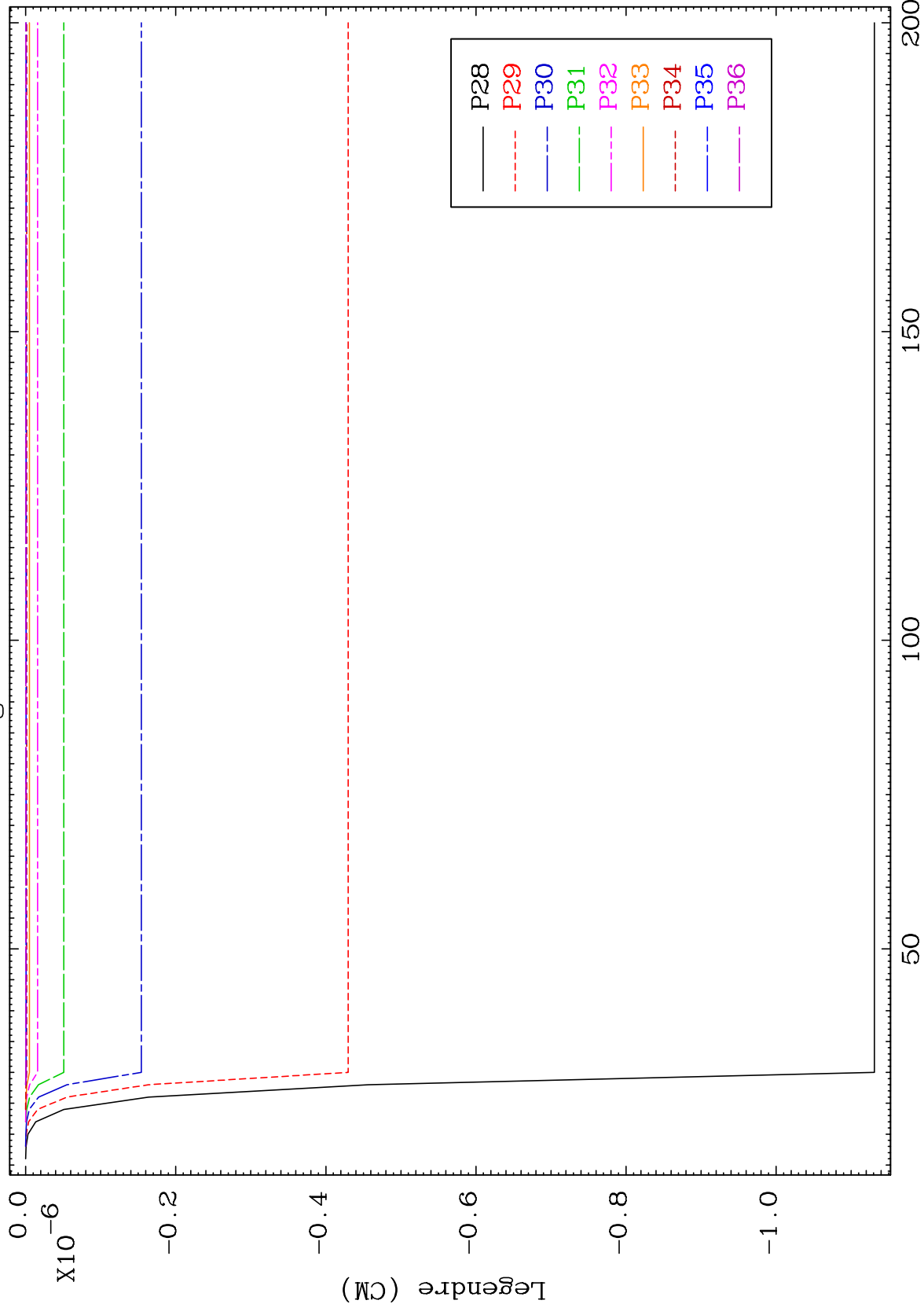
Incident Energy (MeV)

53-I -138





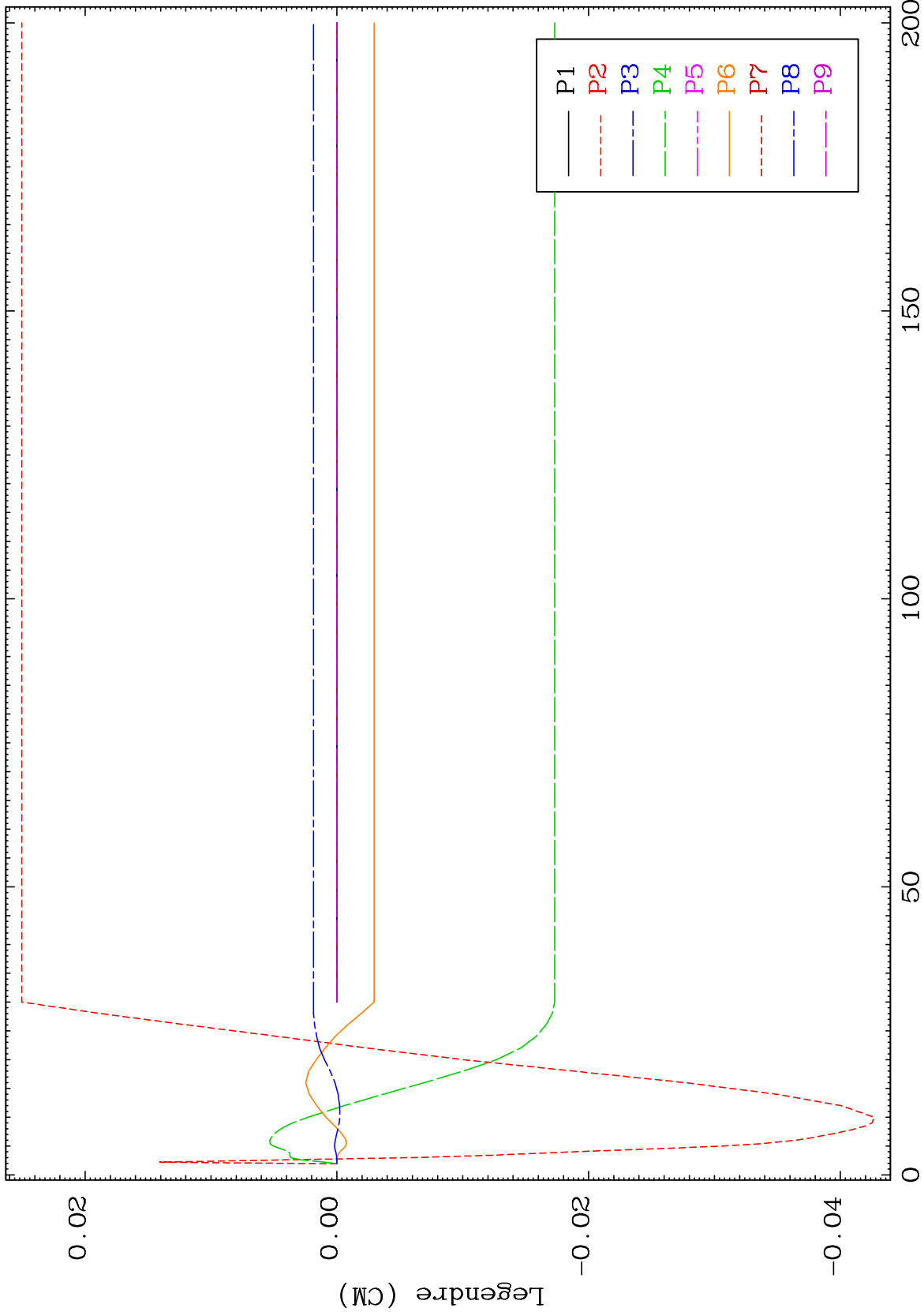




MAT 5358

MT= 78 (n,n') Level
Legendre Coefficients

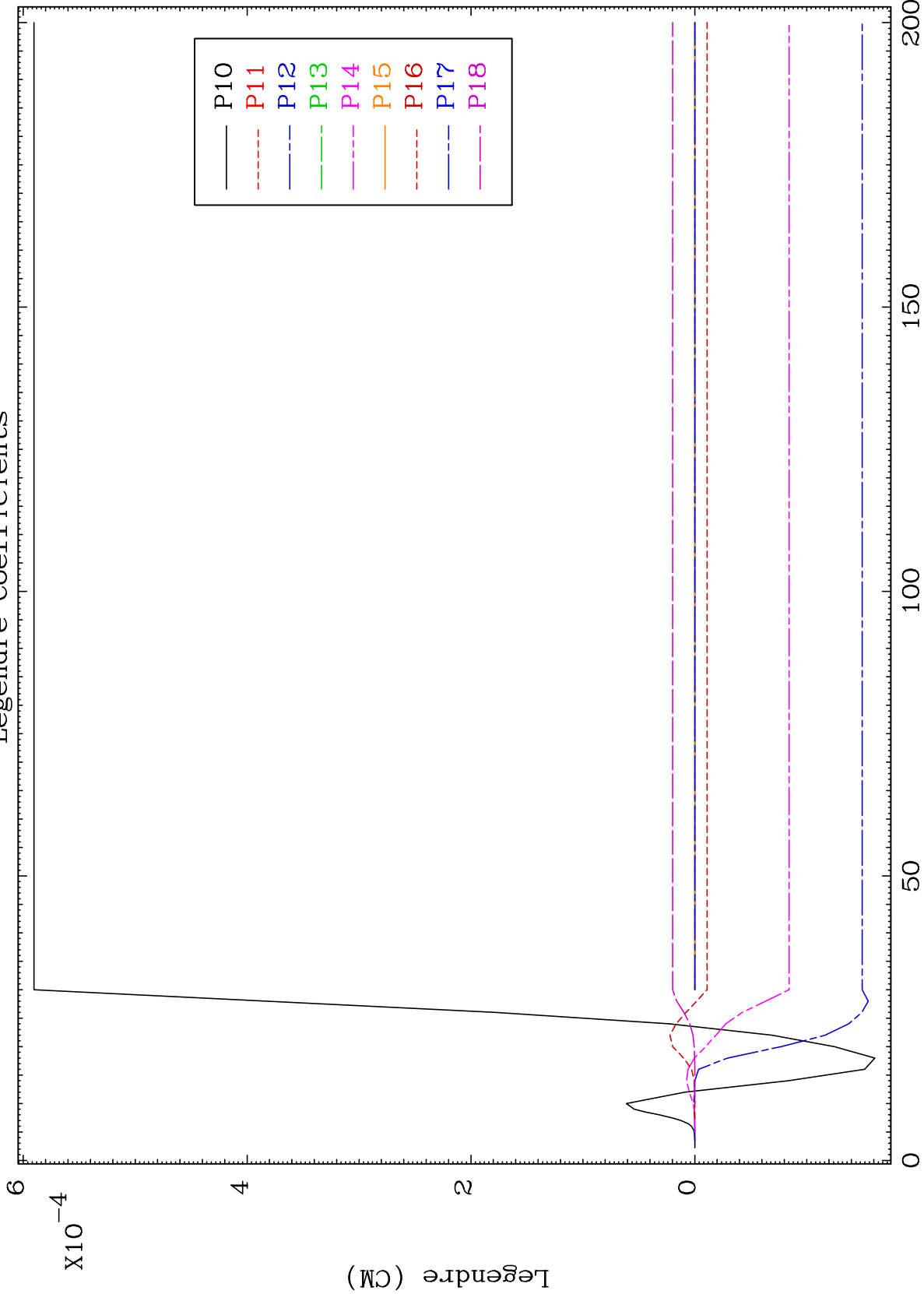
53-I -138



113

Incident Energy (MeV)

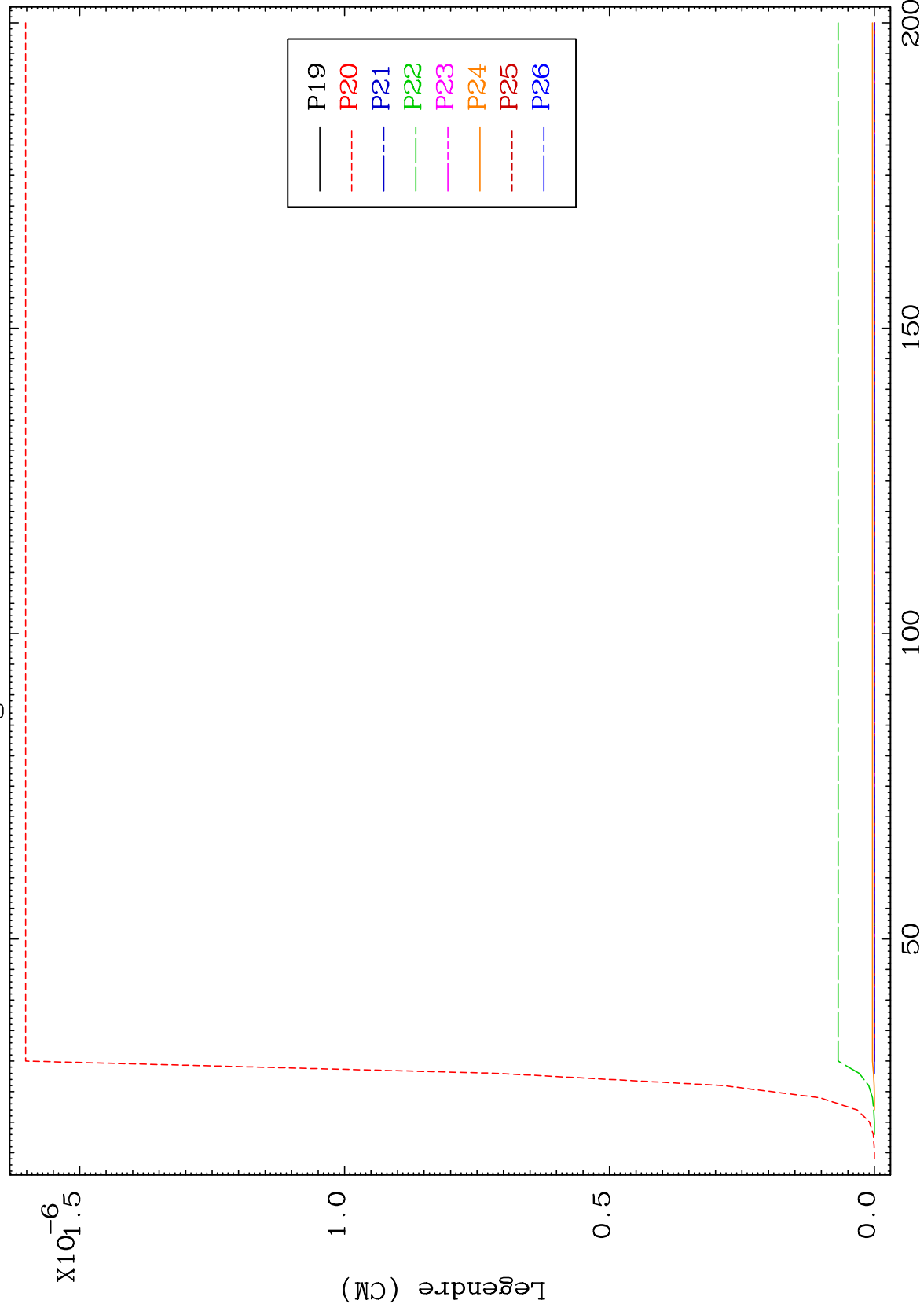
53-I -138



MAT 5358

MT= 78 (n,n') Level
Legendre Coefficients

53-I -138



115

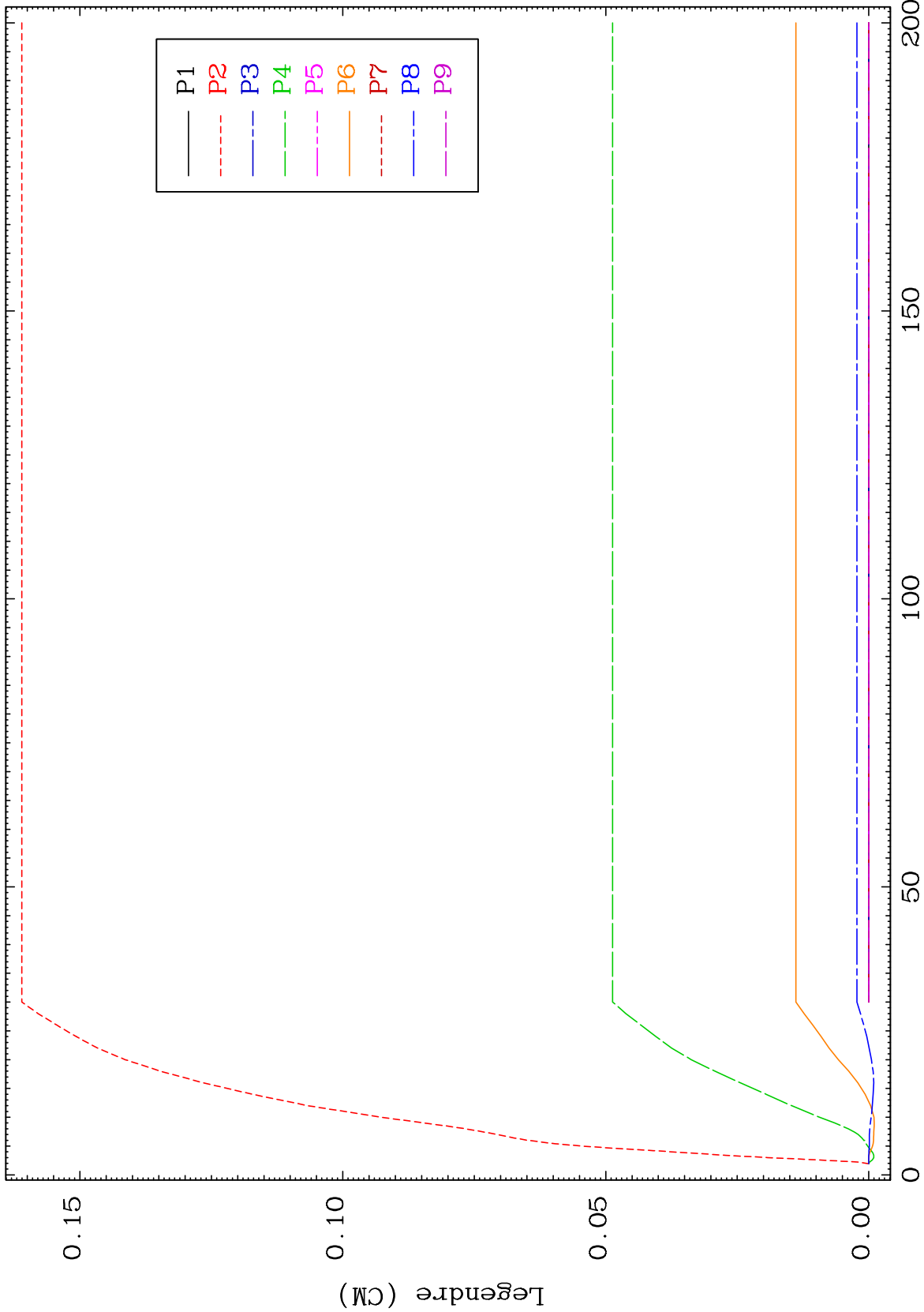
Incident Energy (MeV)

53-I -138

MAT 5358

MT= 79 (n,n') Level
Legendre Coefficients

53-I -138



116

Incident Energy (MeV)

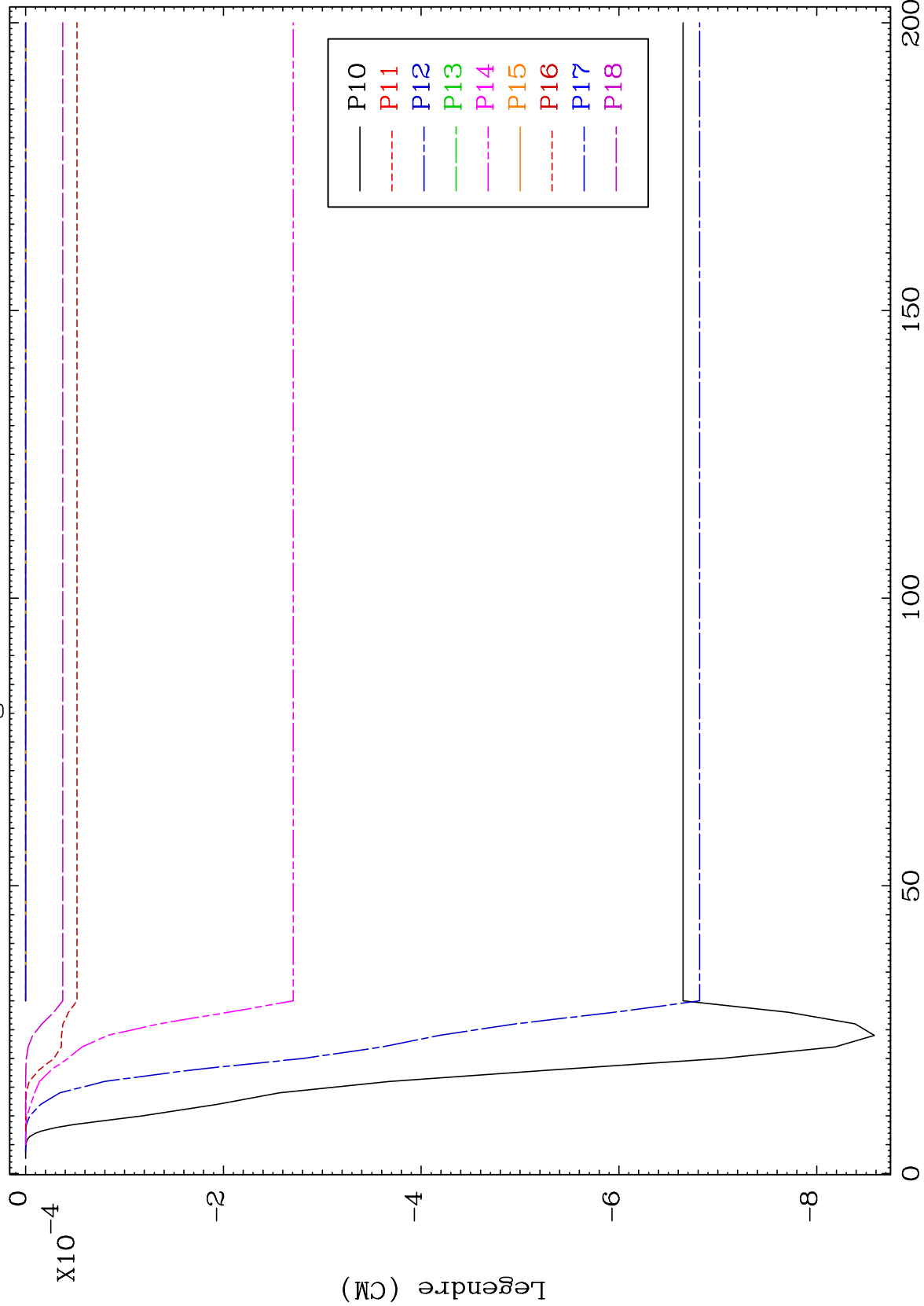
53-I -138

MAT 5358

MT= 79 (n,n') Level

53-I -138

Legendre Coefficients



53-I -138

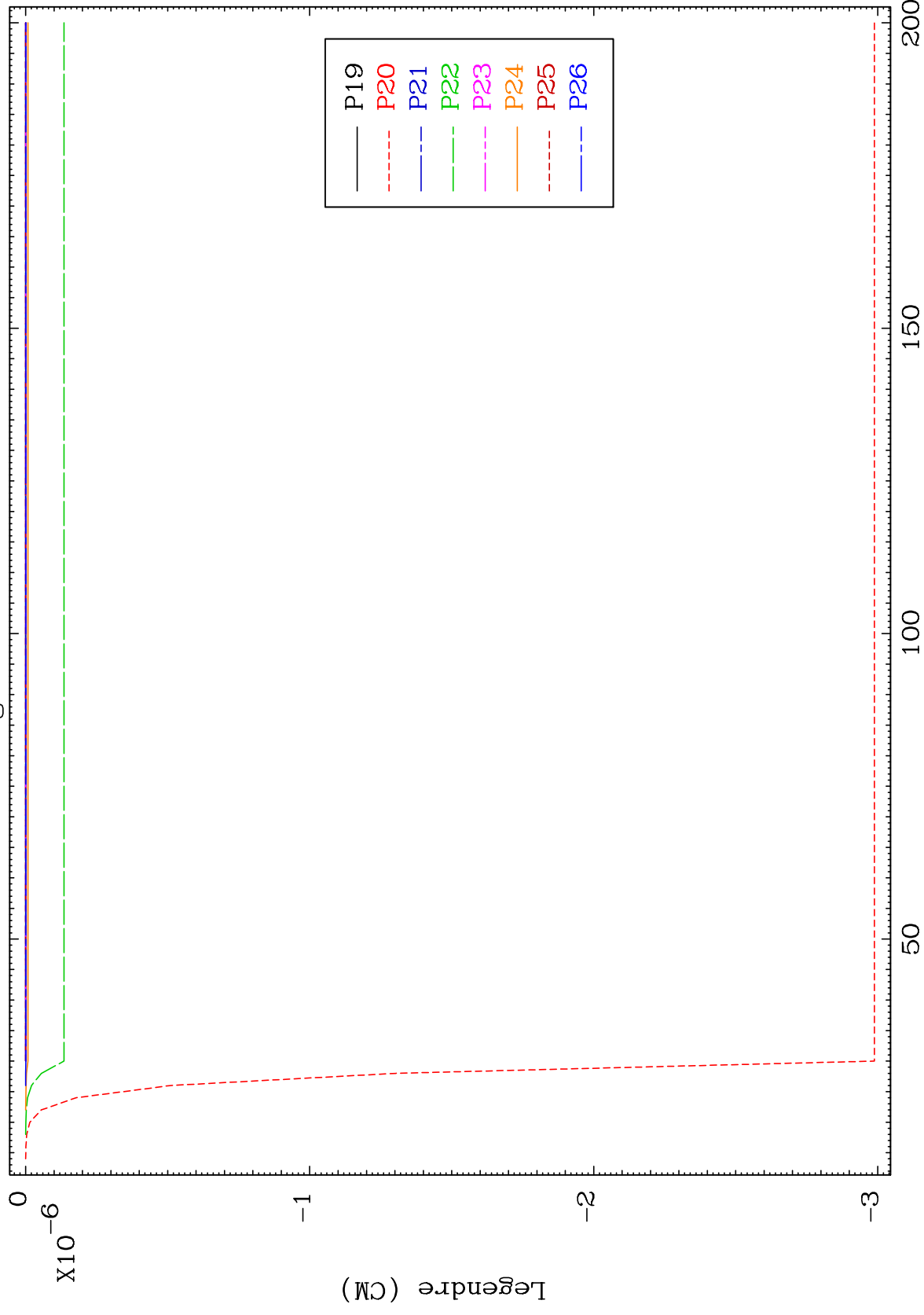
Incident Energy (MeV)

117

MAT 5358

MT= 79 (n,n') Level
Legendre Coefficients

53-I -138



118

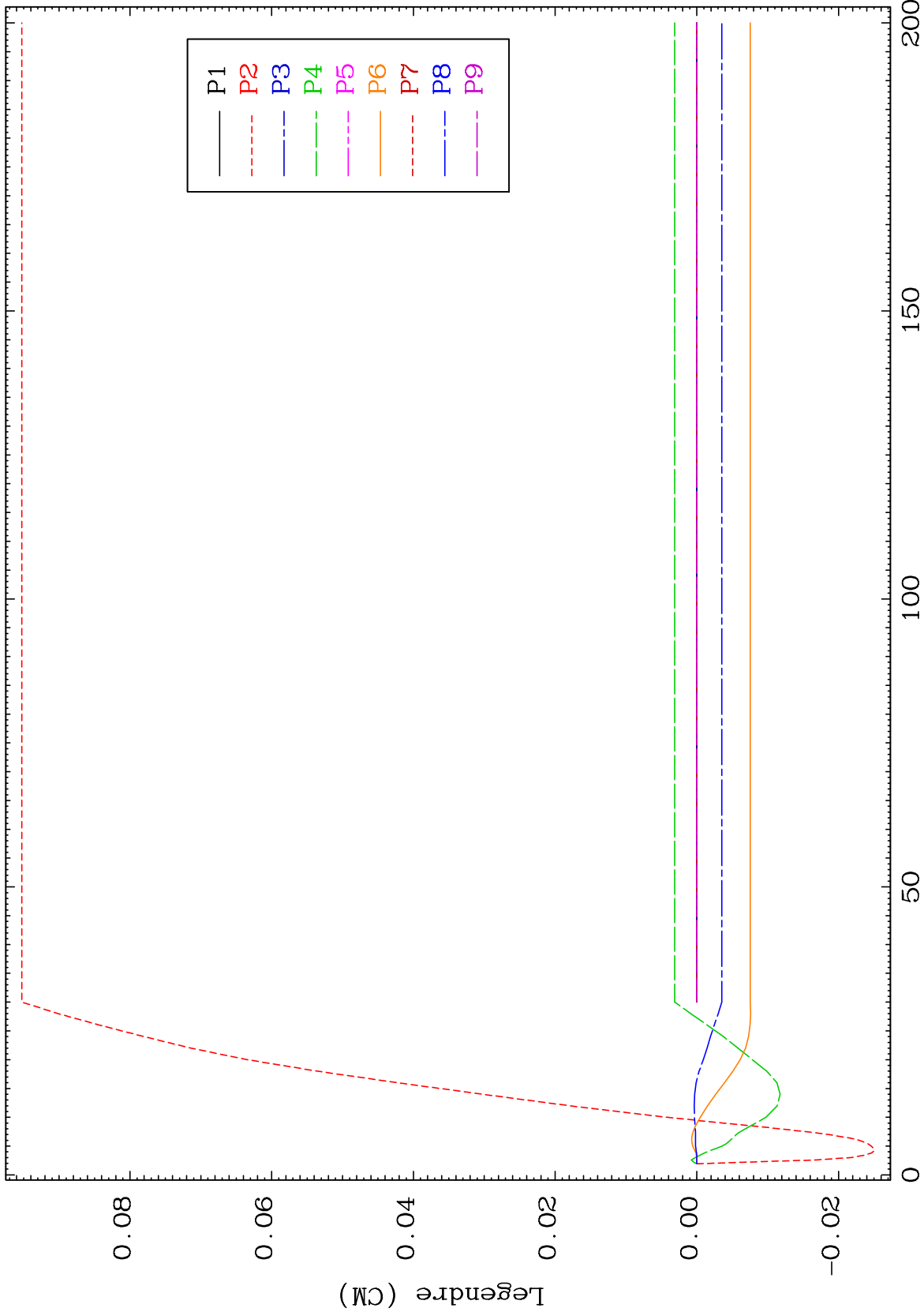
Incident Energy (MeV)

53-I -138

MAT 5358

MT= 80 (n,n') Level
Legendre Coefficients

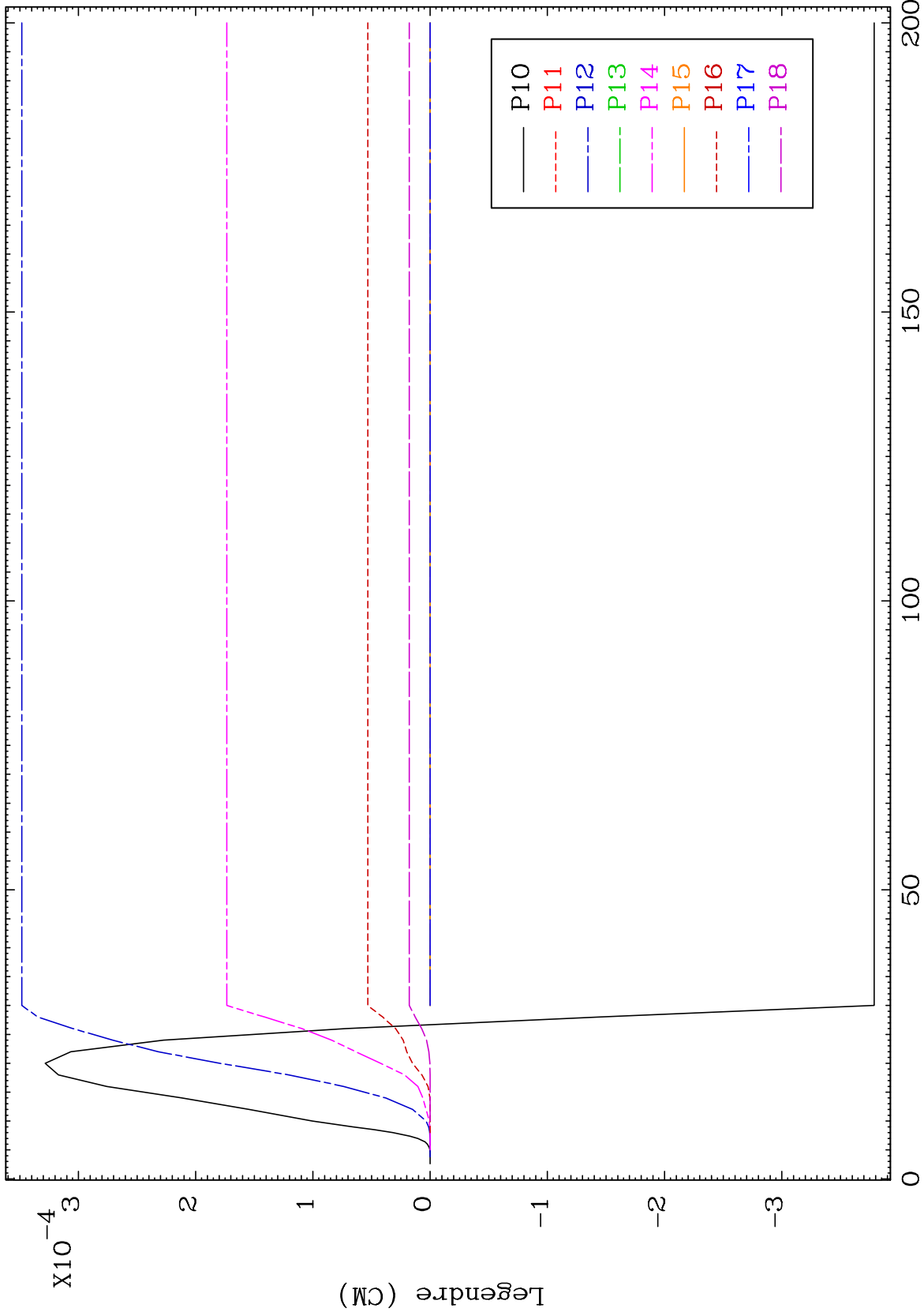
53-I -138



119

Incident Energy (MeV)

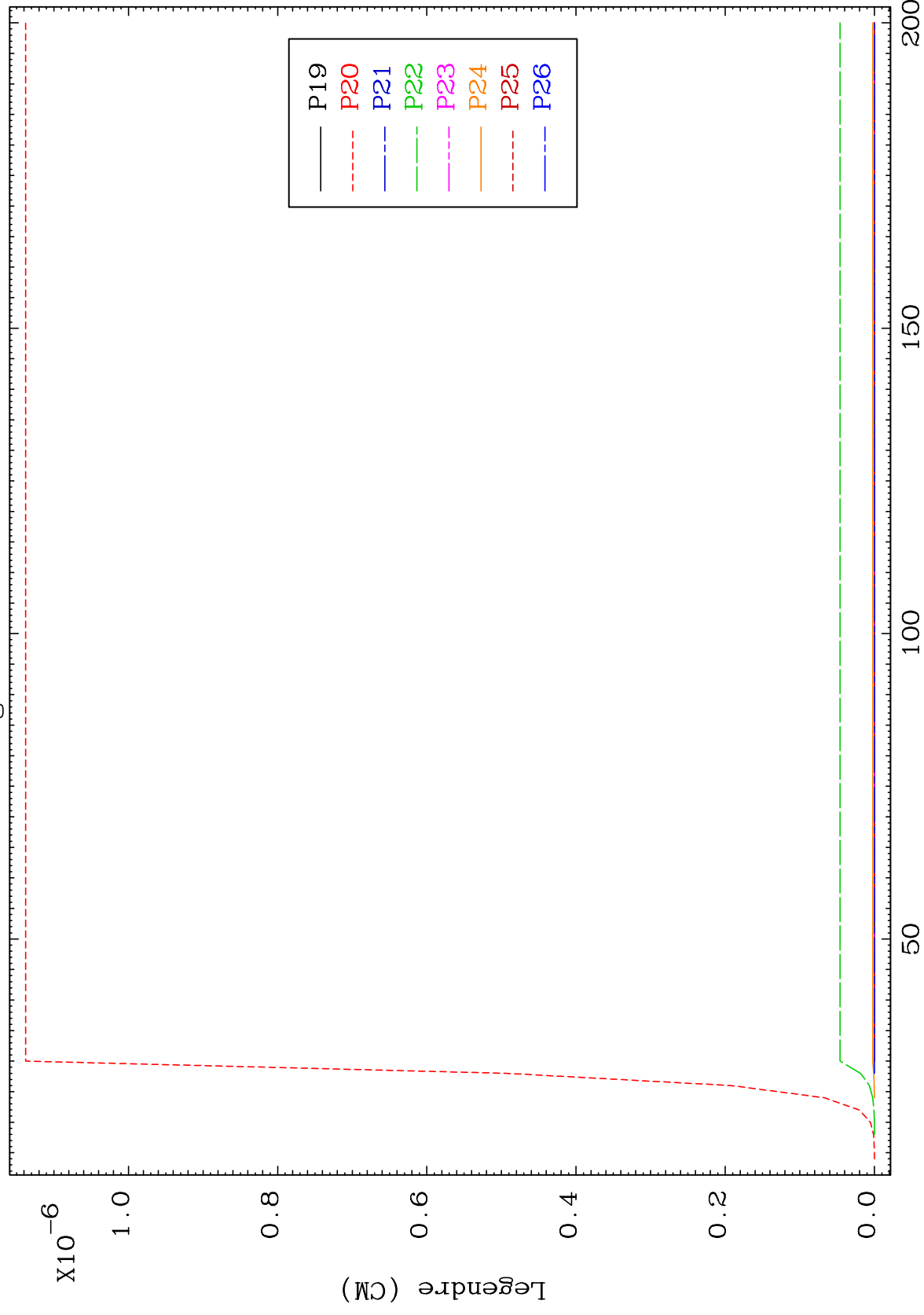
53-I -138



MAT 5358

MT= 80 (n,n') Level
Legendre Coefficients

53-I -138



121

Incident Energy (MeV)

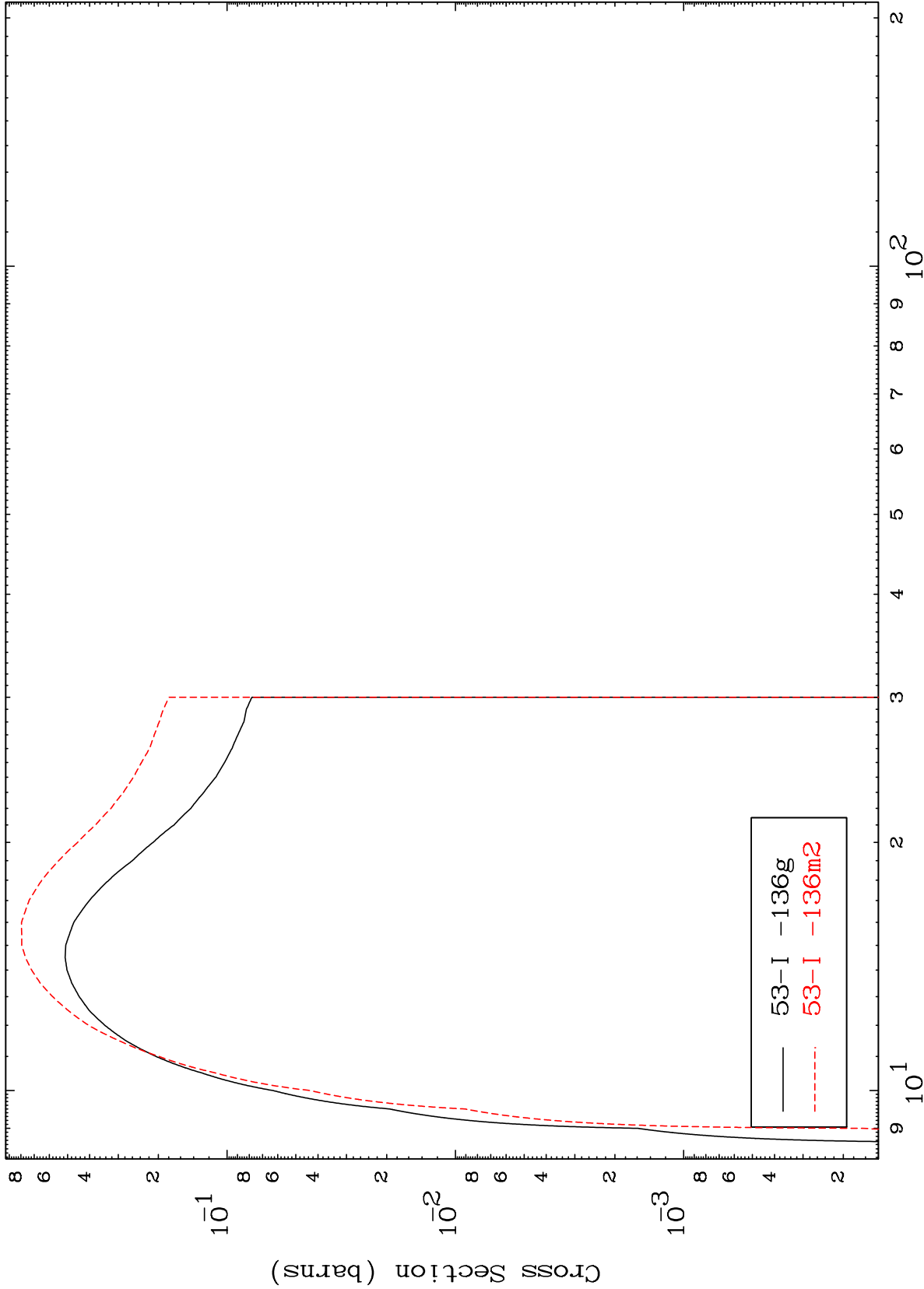
53-I -138

MAT 5358

(n,3n)

53-I -138

Radionuclide Production Cross Section



122

Incident Energy (MeV)

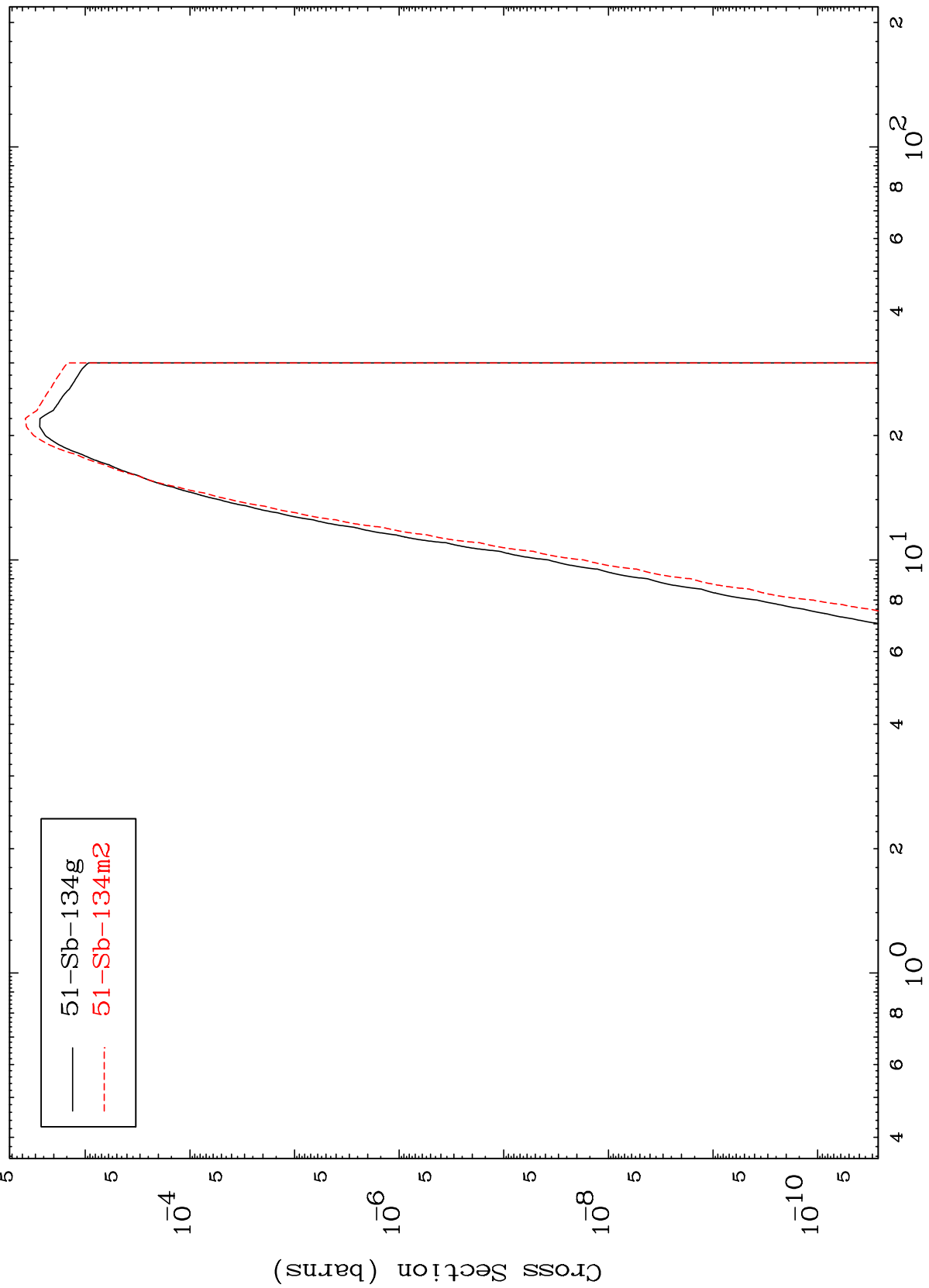
53-I -138

MAT 5358

(n,n') α

53-I -138

Radionuclide Production Cross Section



123

Incident Energy (MeV)

53-I -138

Radionuclide Production Cross Section

