

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

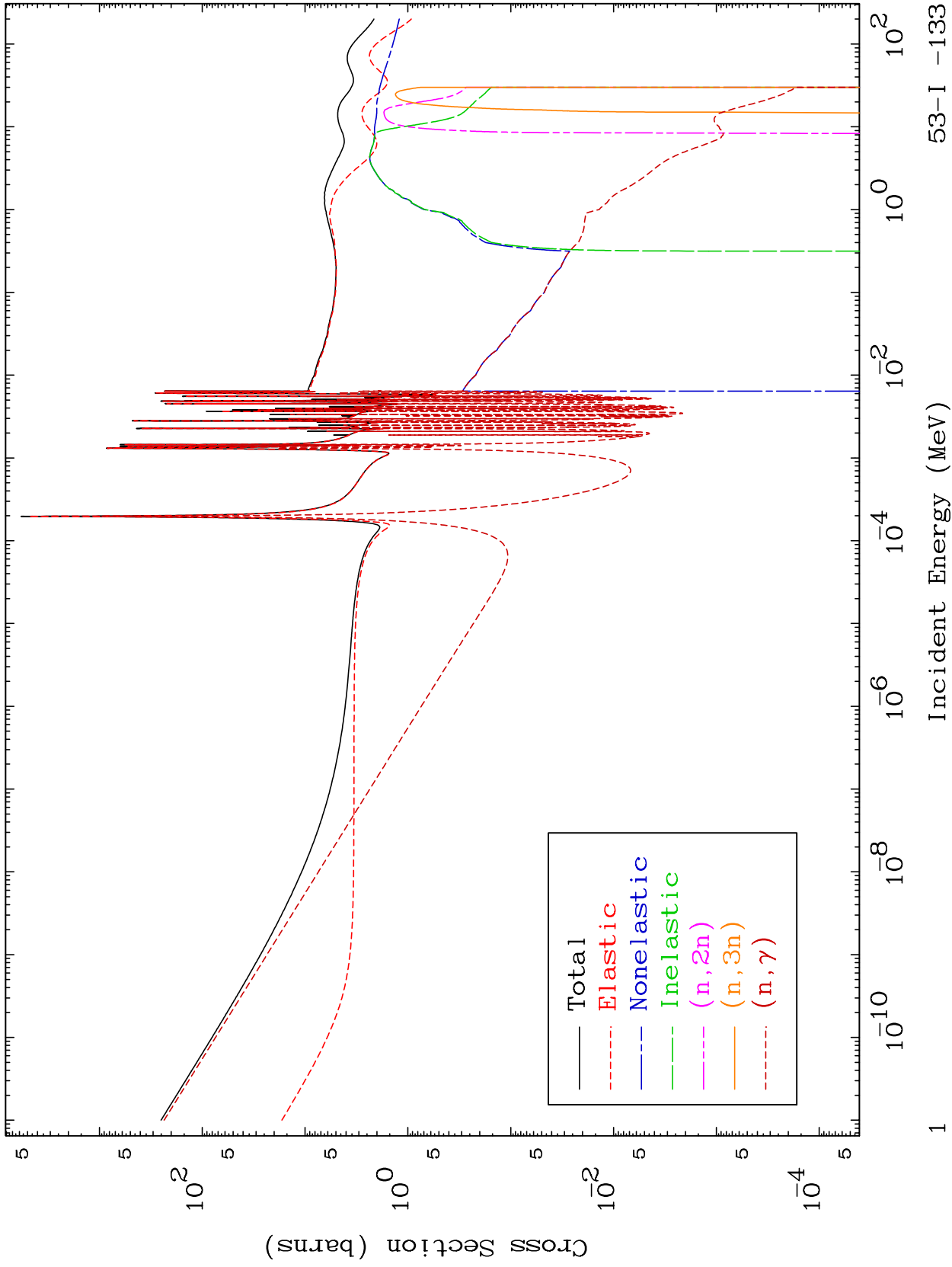
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

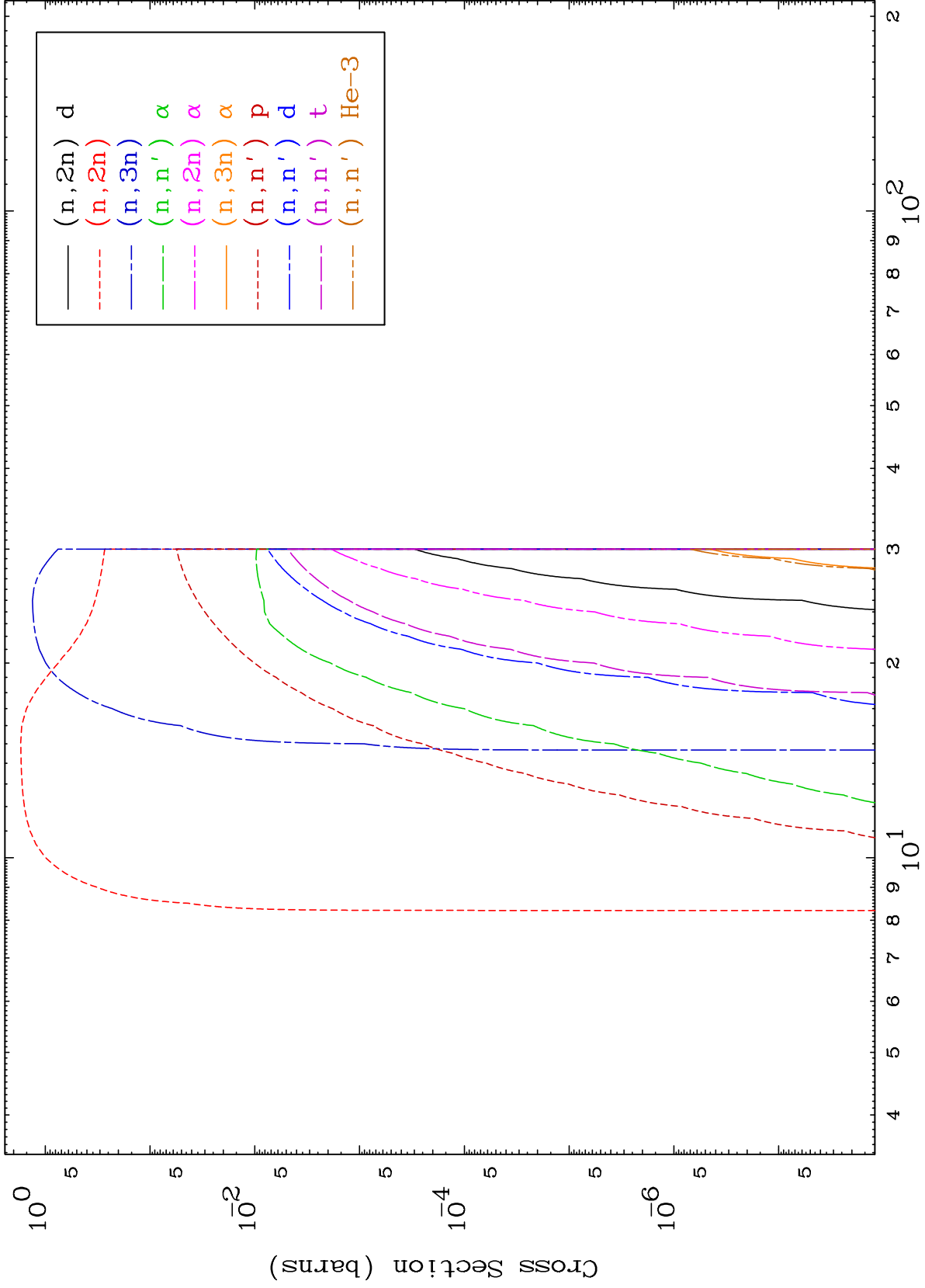
Tele: 925-443-1911

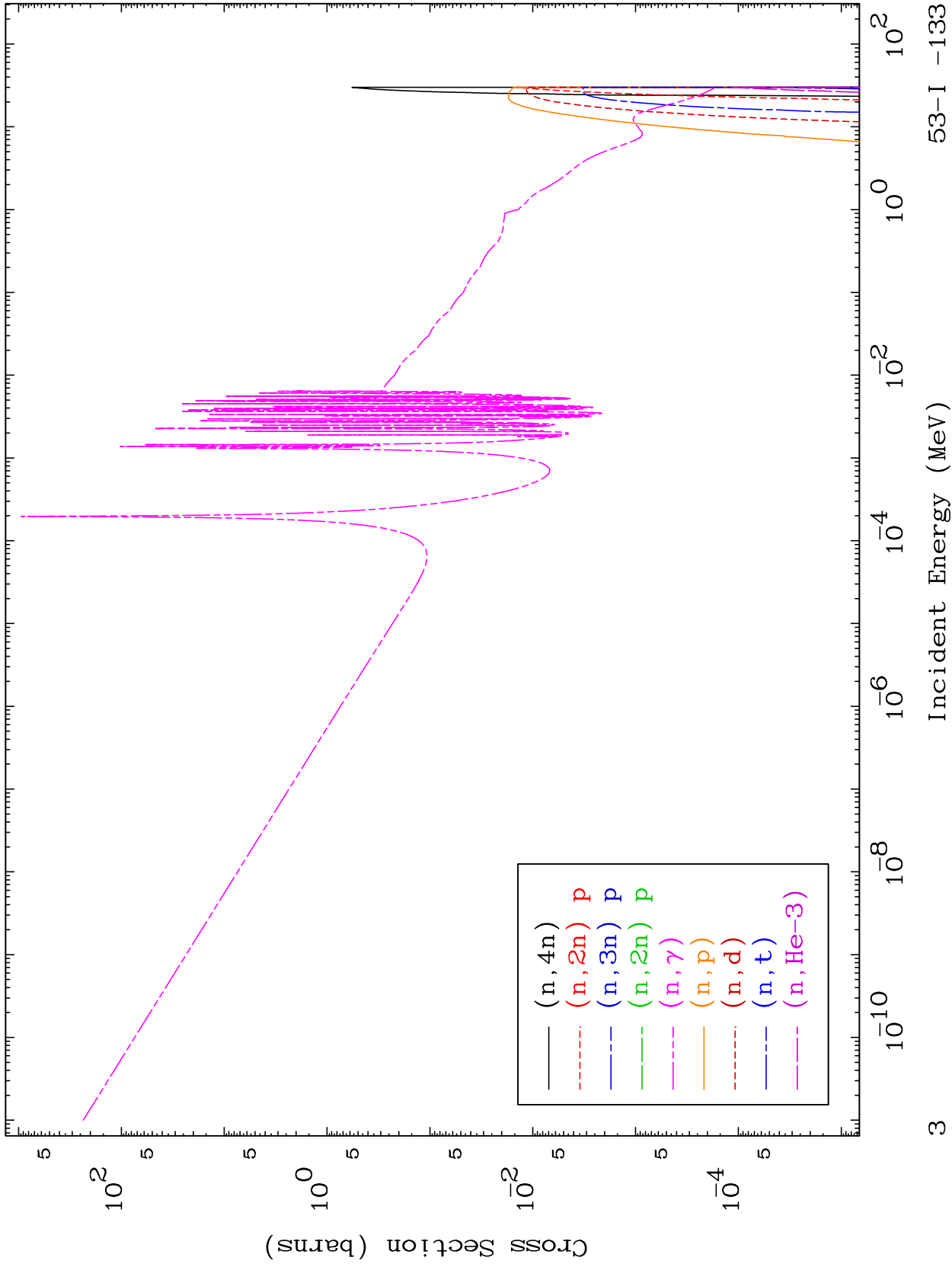
E.Mail:redcullen1@comcast.net

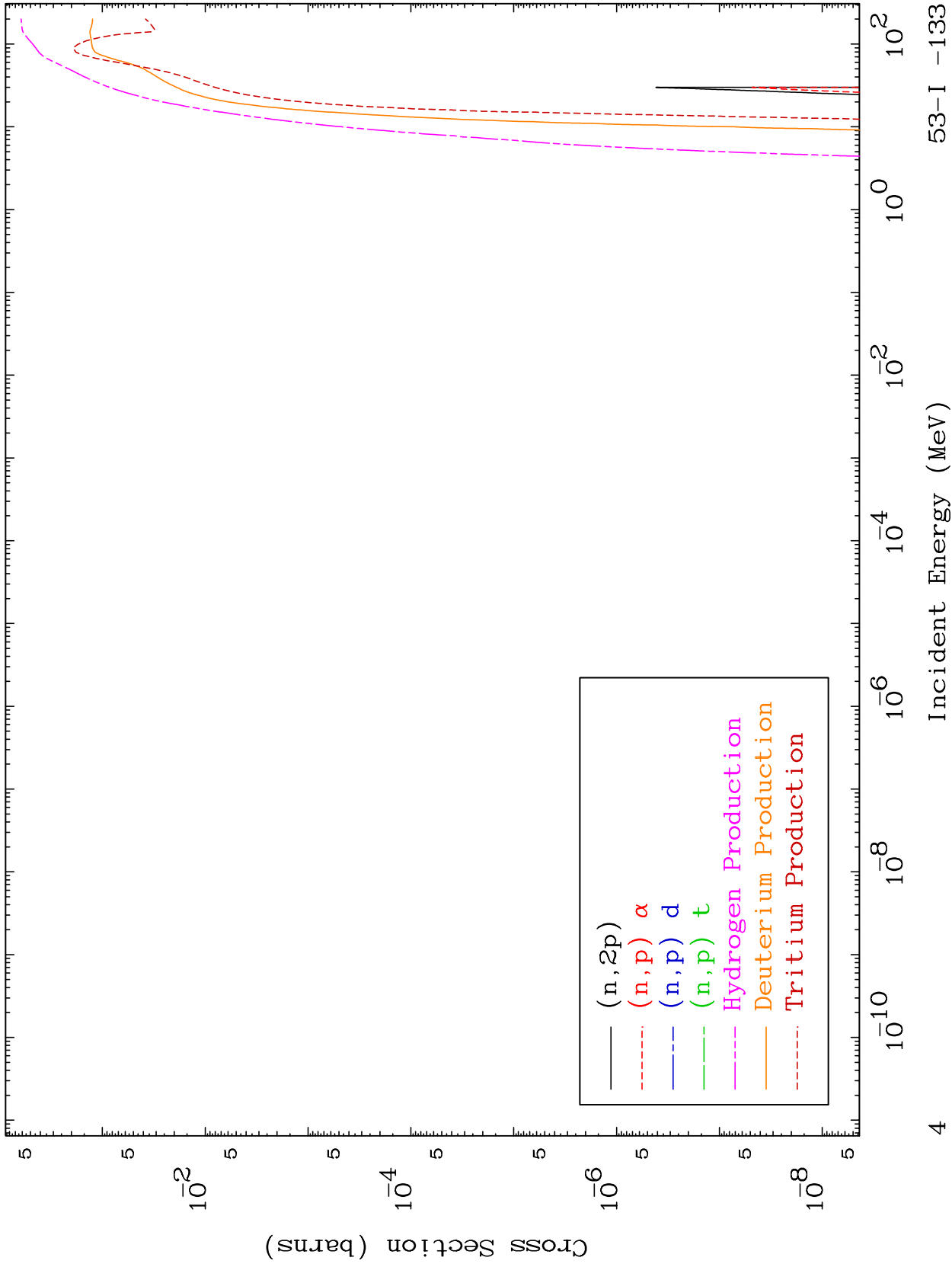
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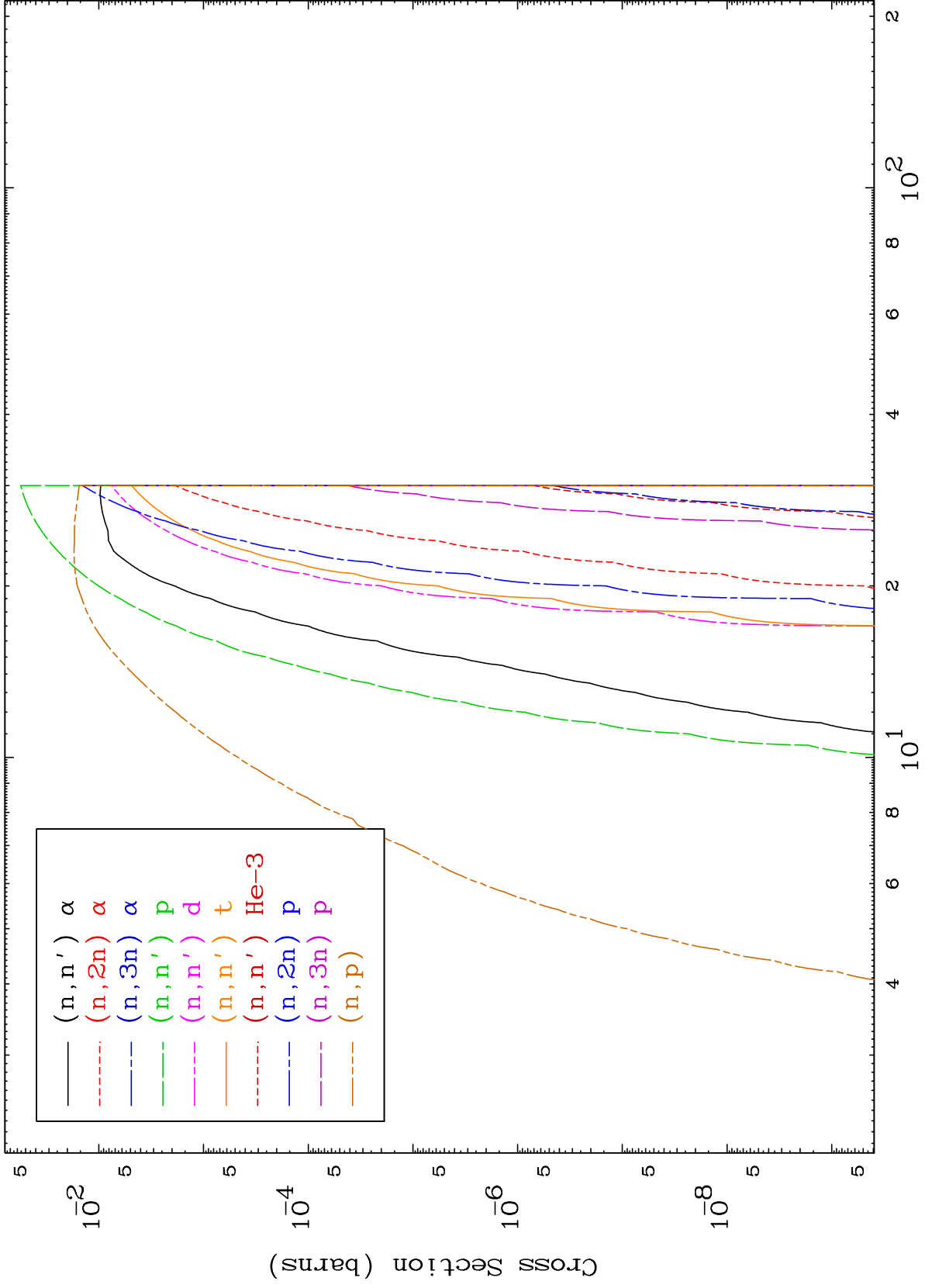
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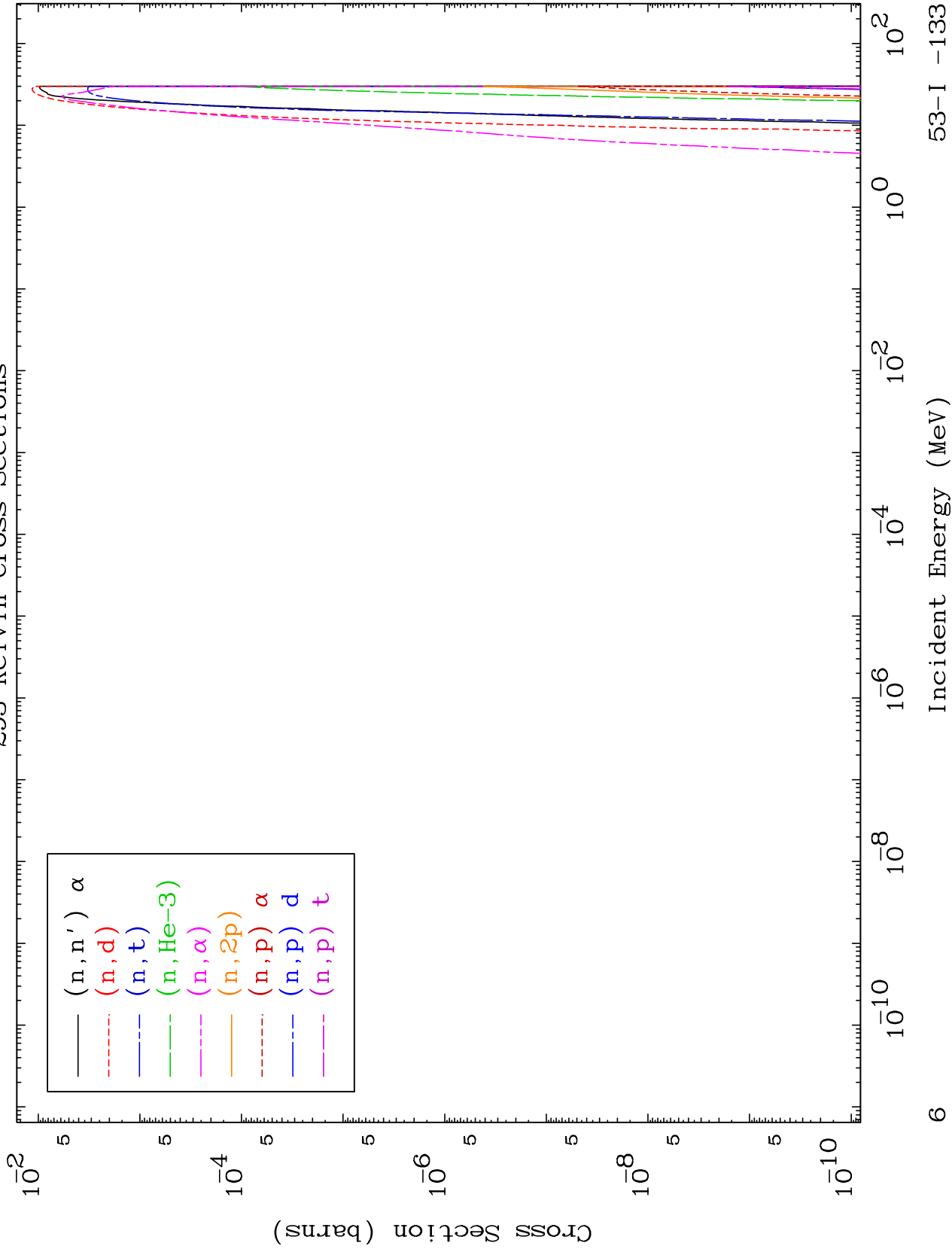


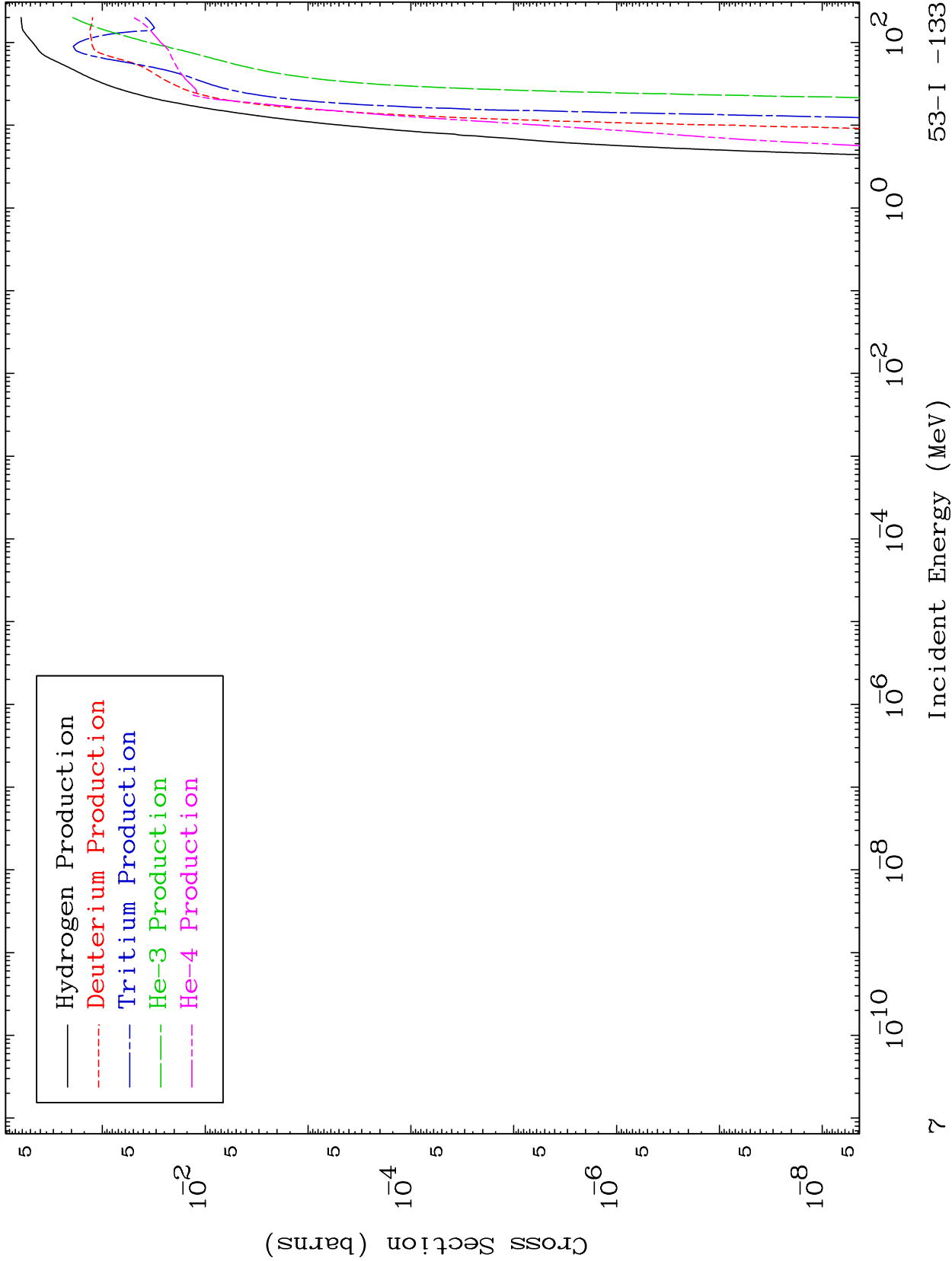




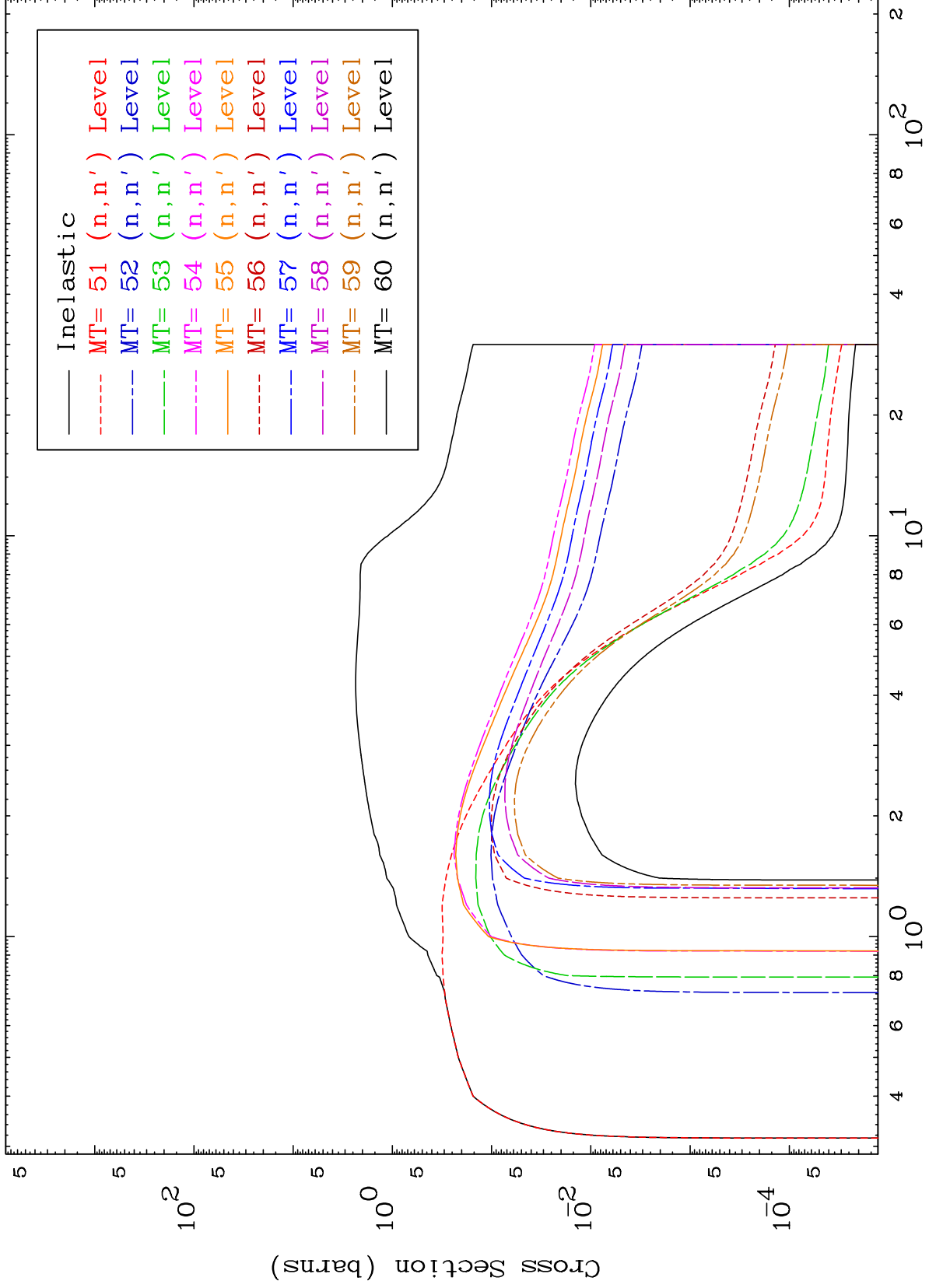




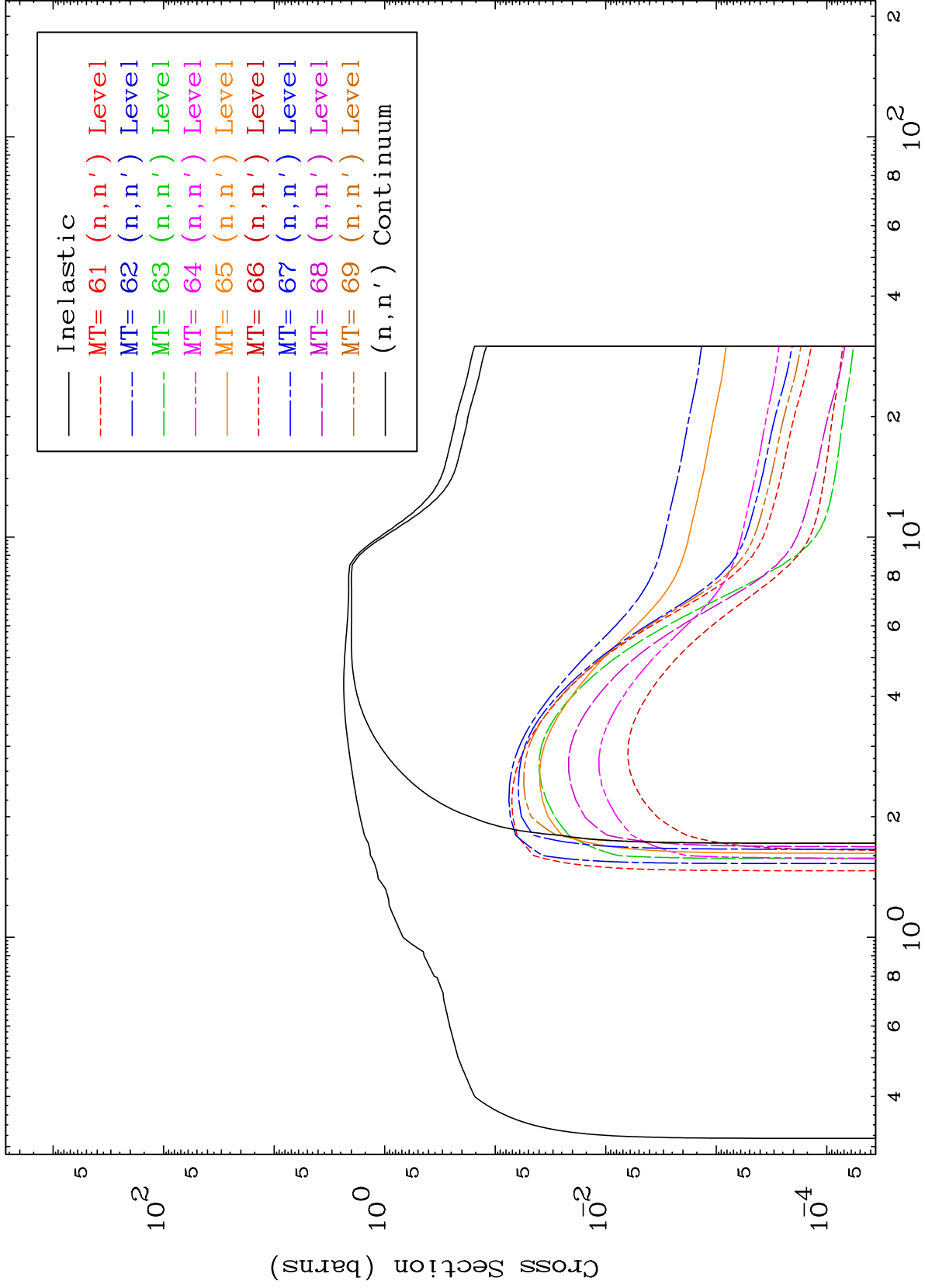




293 Kelvin Cross Sections



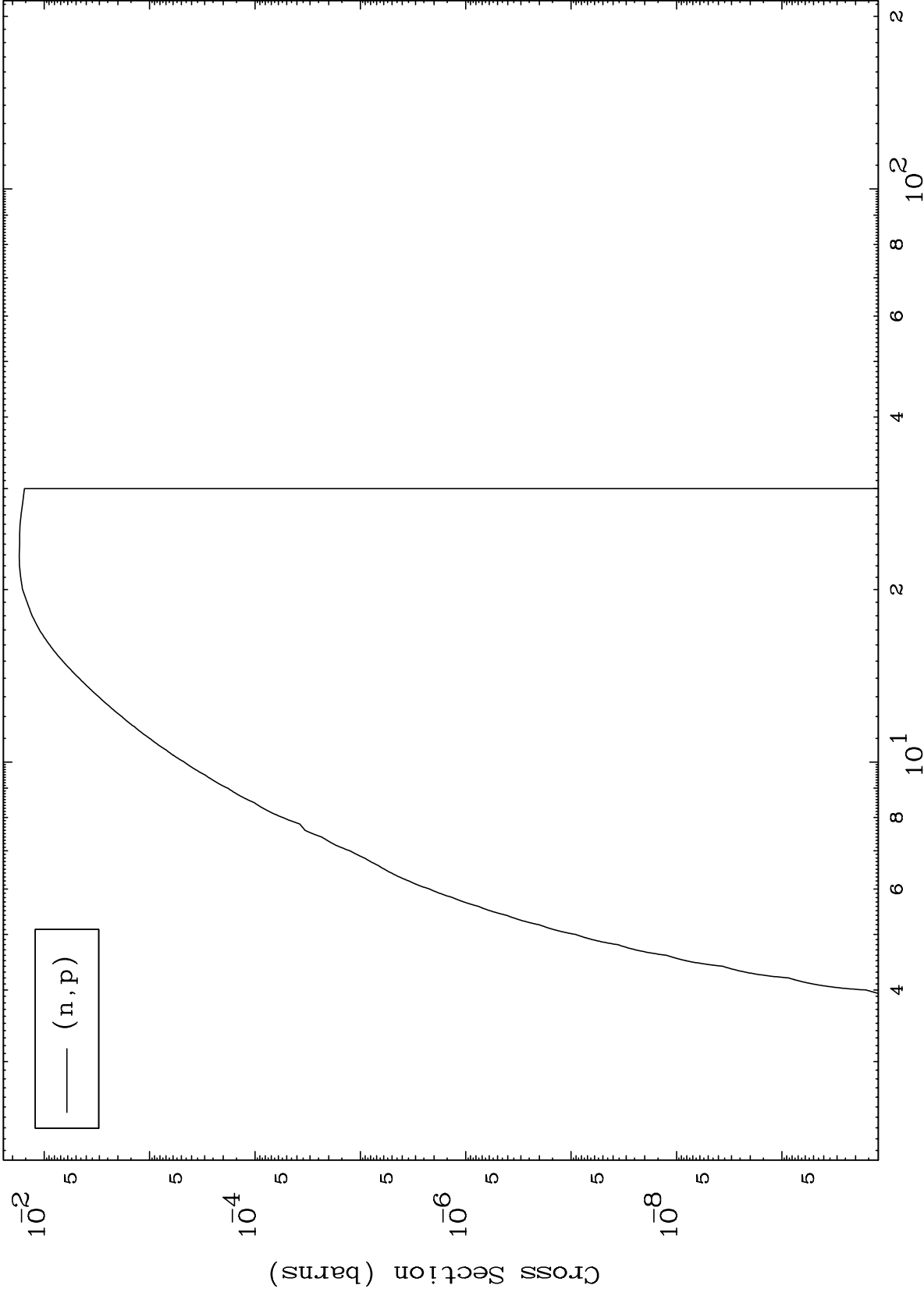
293 Kelvin Cross Sections



MAT 5343

(n,p) Levels
293 Kelvin Cross Sections

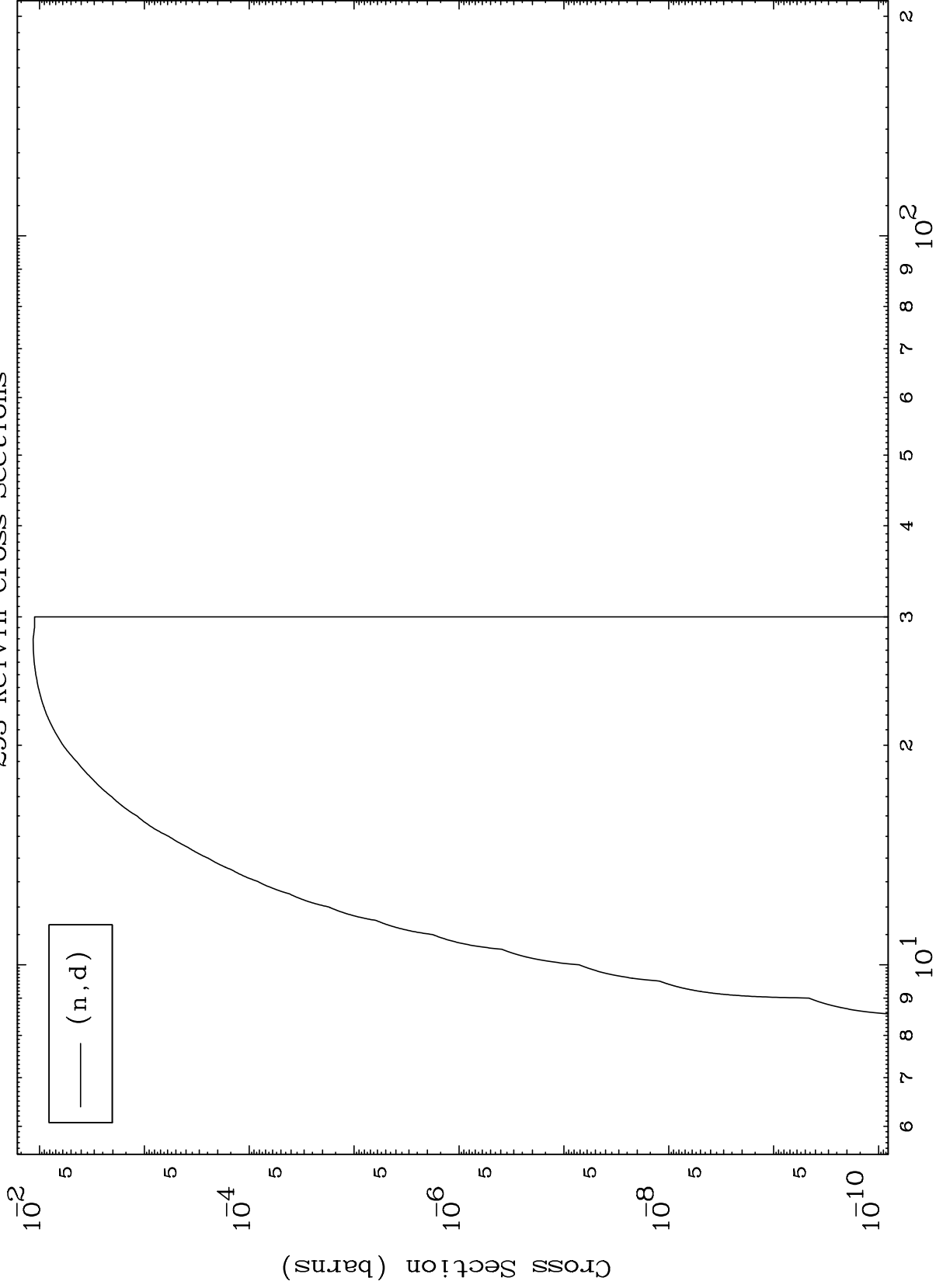
53-I -133

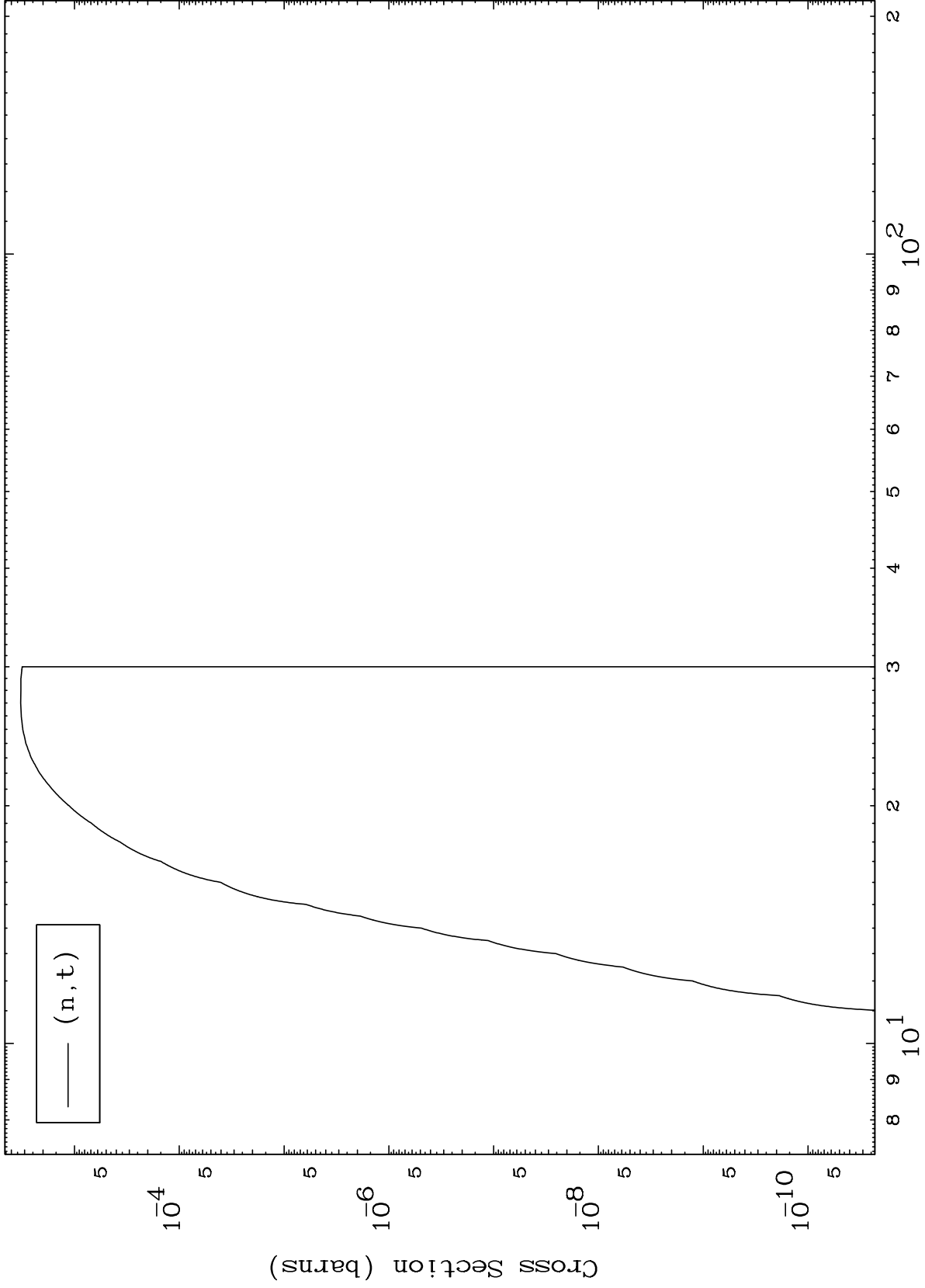


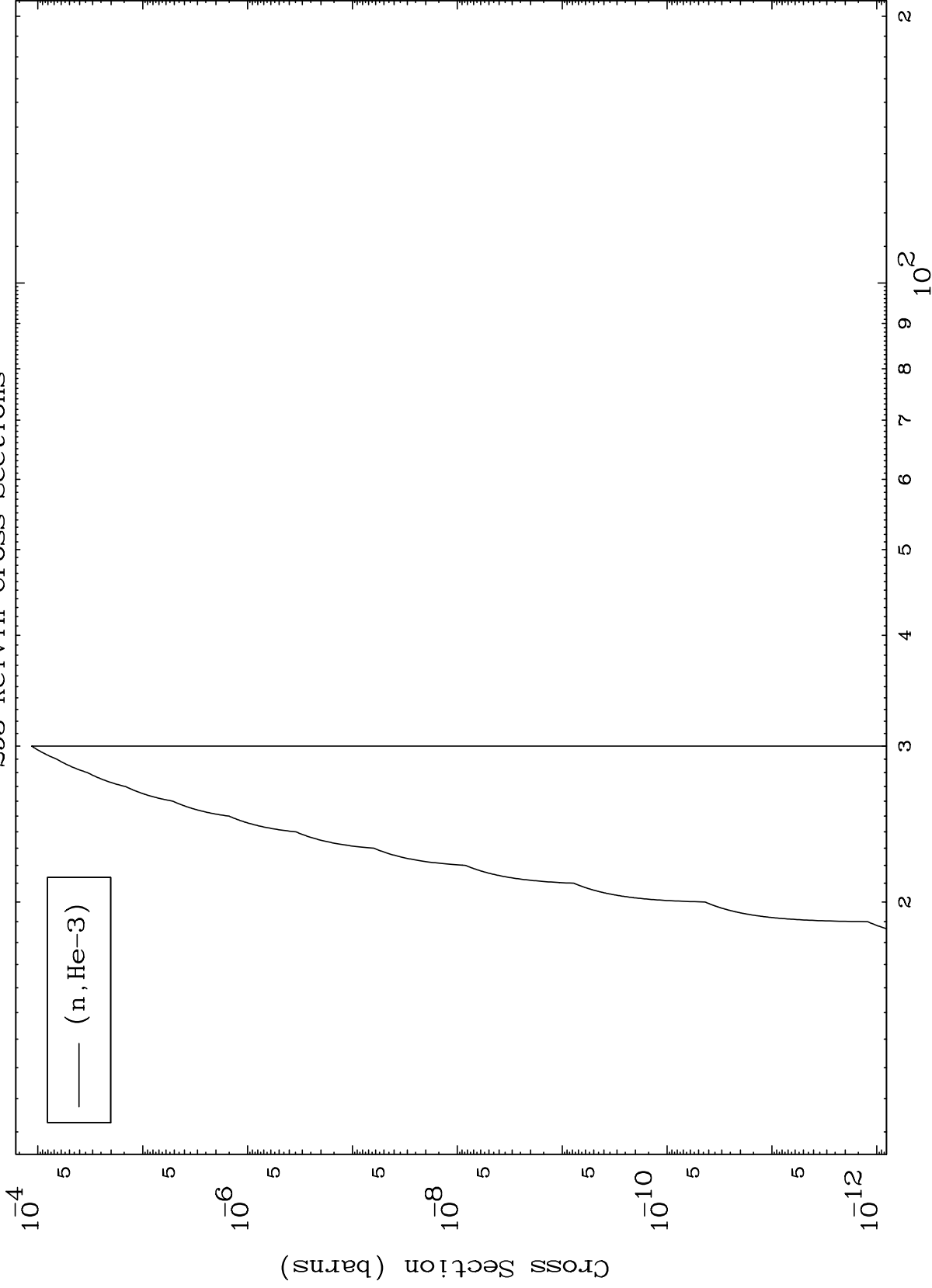
10

Incident Energy (MeV)

53-I -133



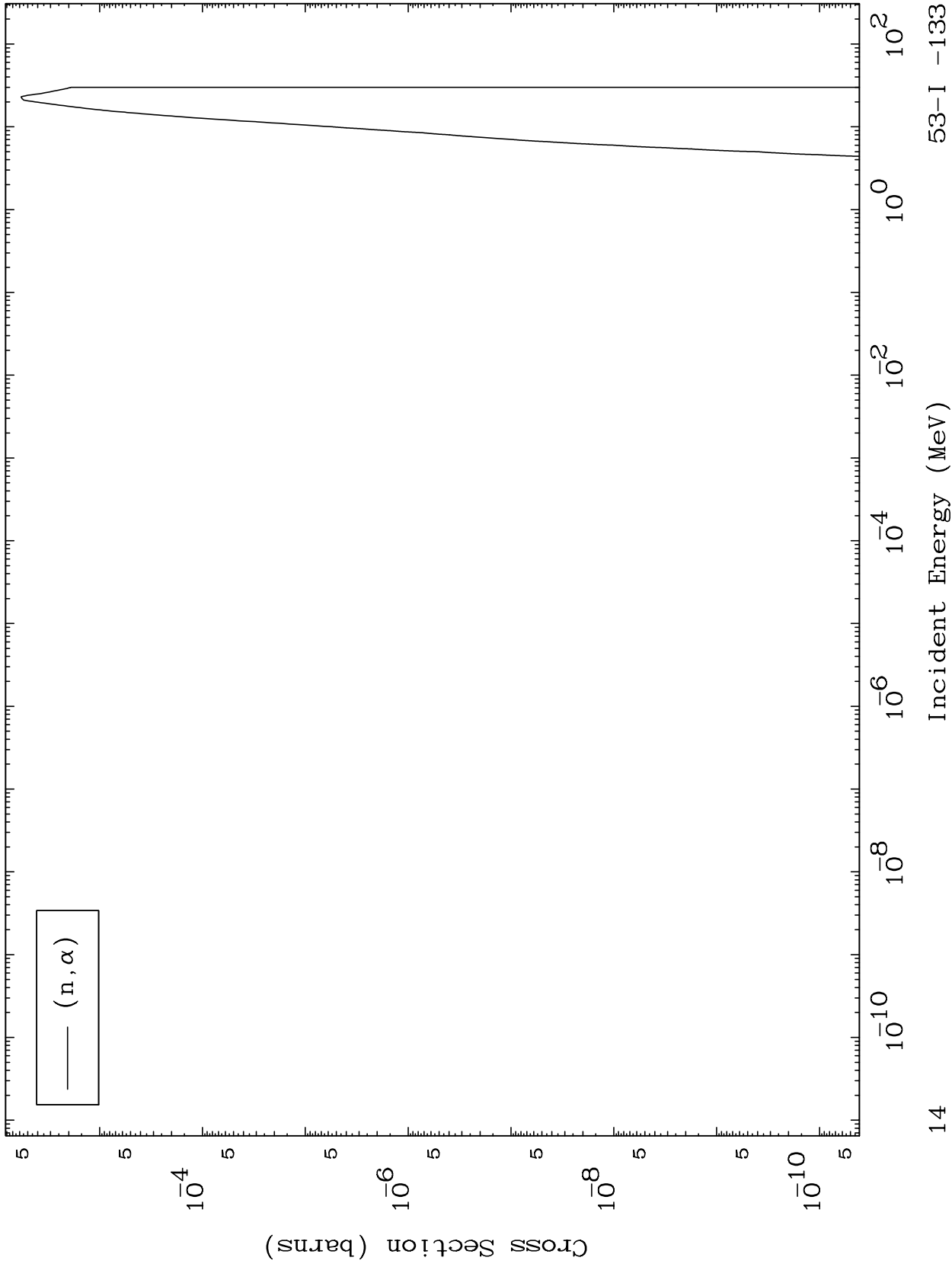




MAT 5343

(n, α) Levels
293 Kelvin Cross Sections

53-I -133



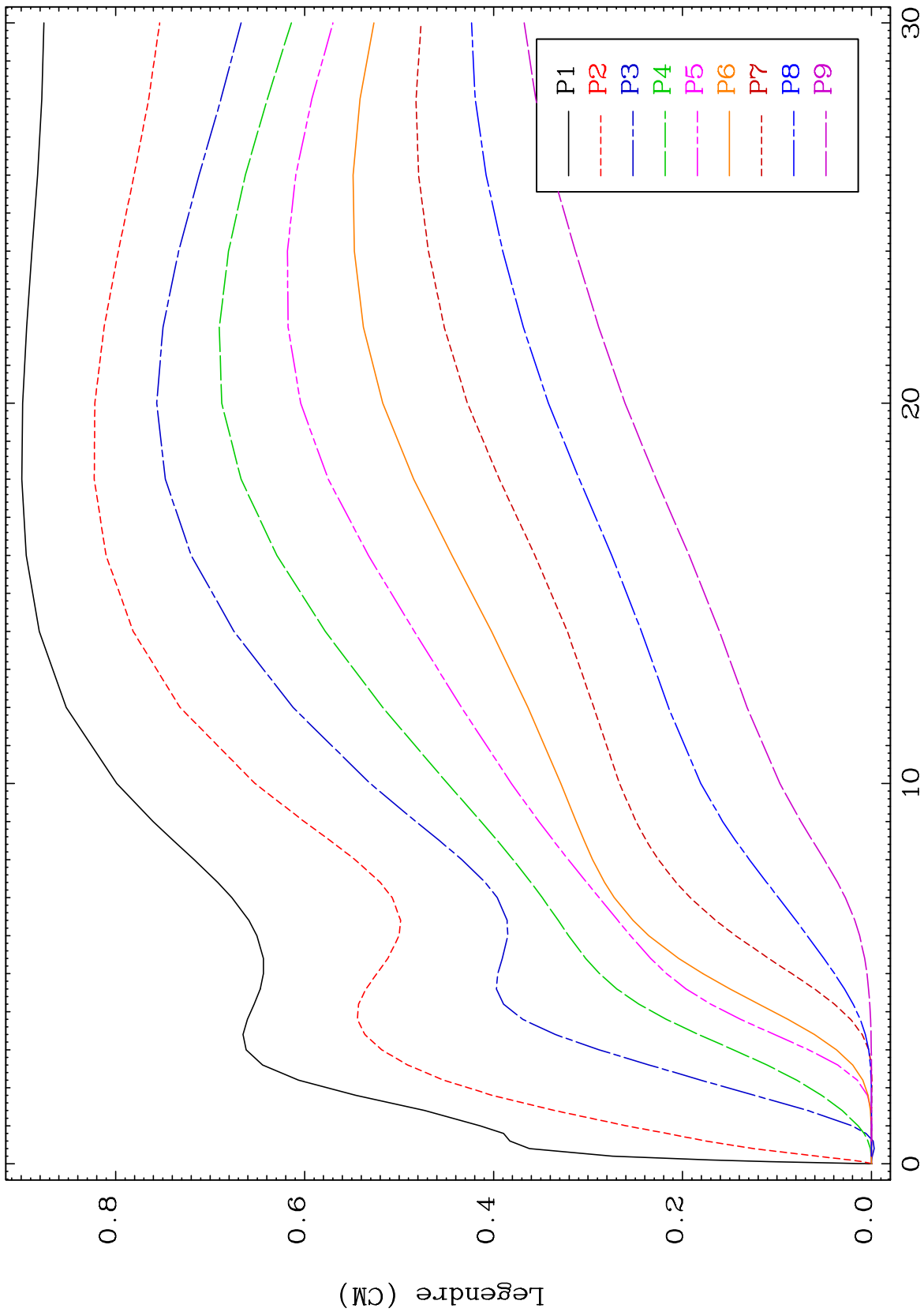
14

53-I -133

MAT 5343

Elastic Legendre Coefficients

53-I -133



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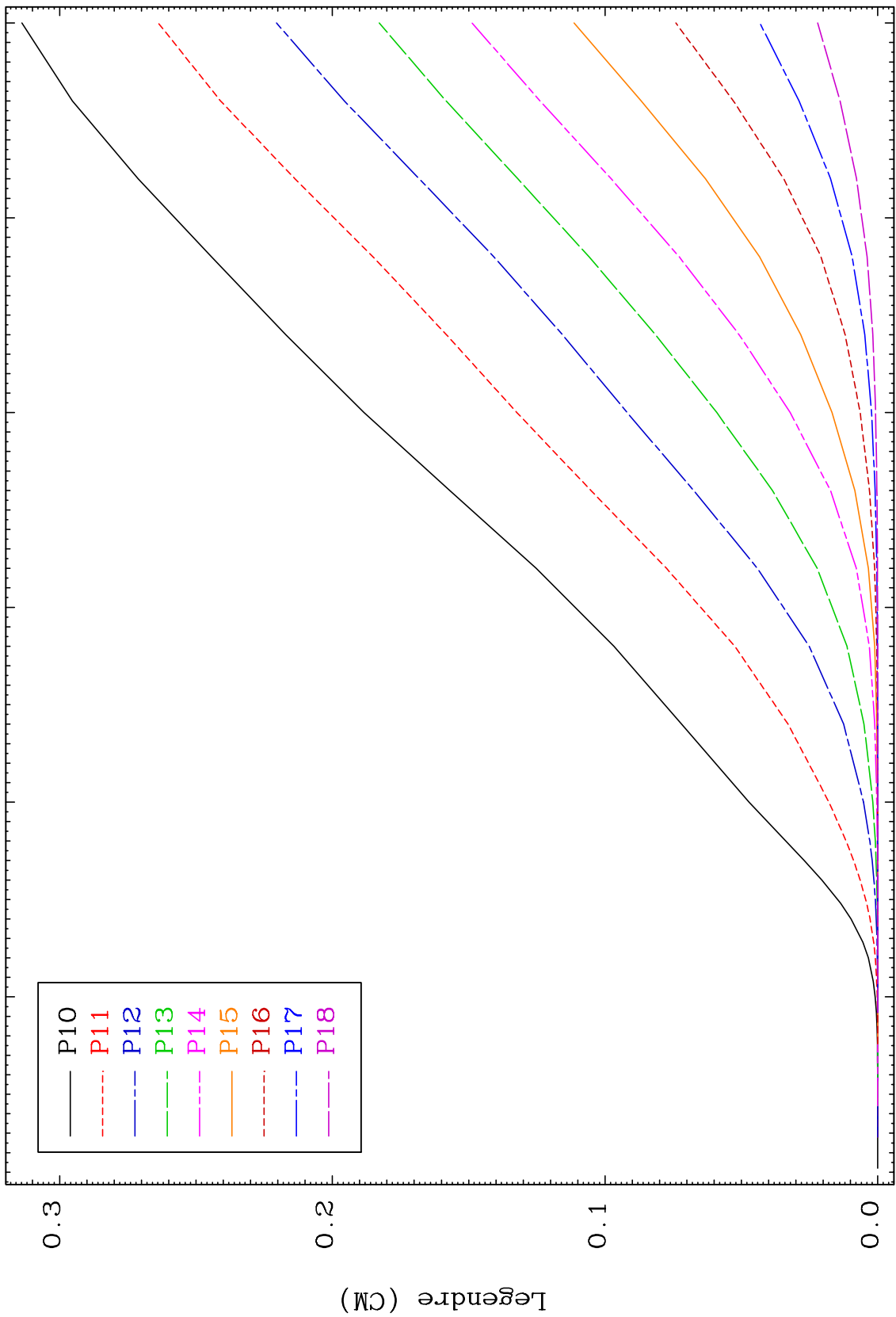
Incident Energy (MeV)

53-I -133

MAT 5343

Elastic Legendre Coefficients

53-I -133



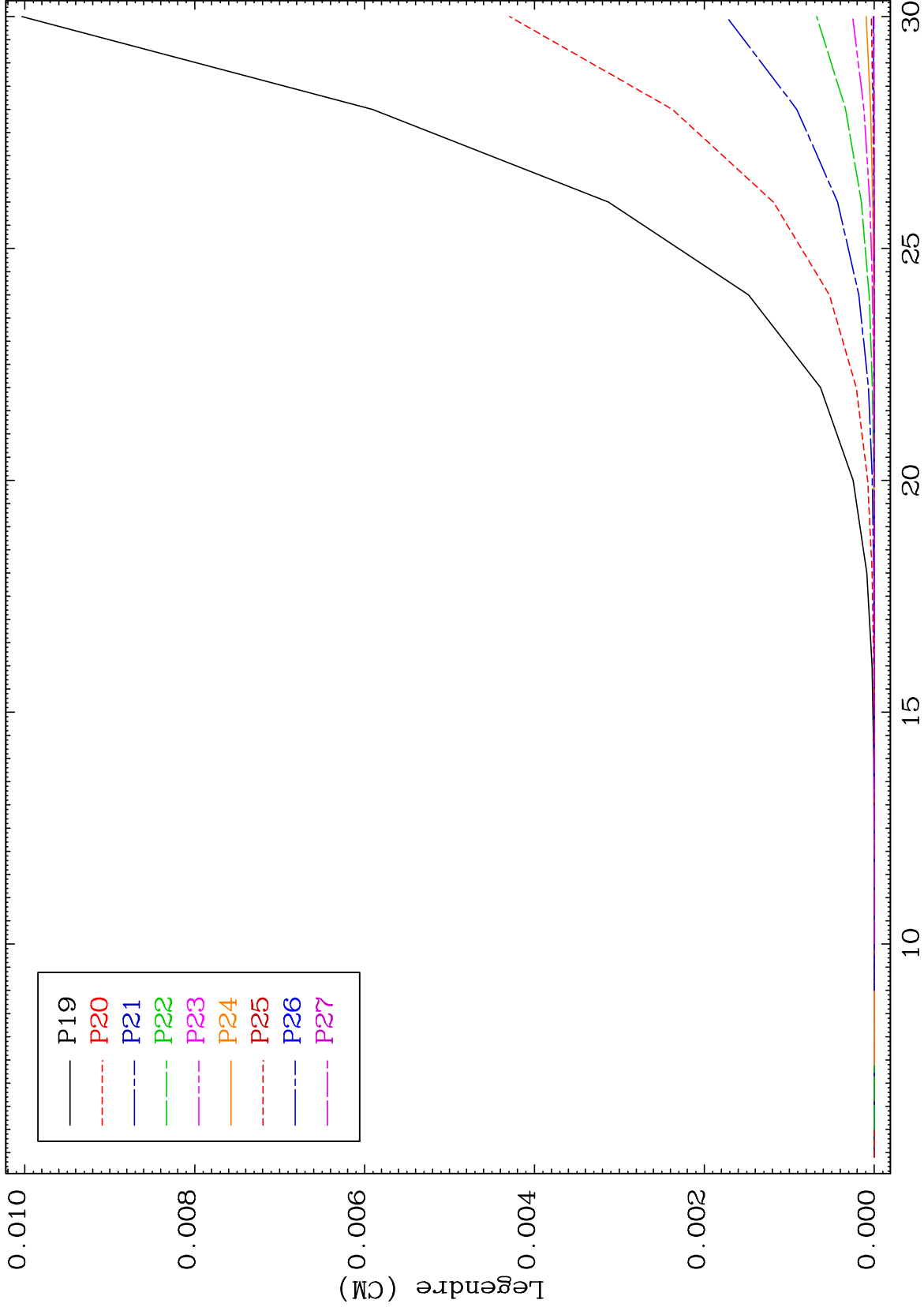
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53-I -133

MAT 5343

Elastic Legendre Coefficients

53-I -133



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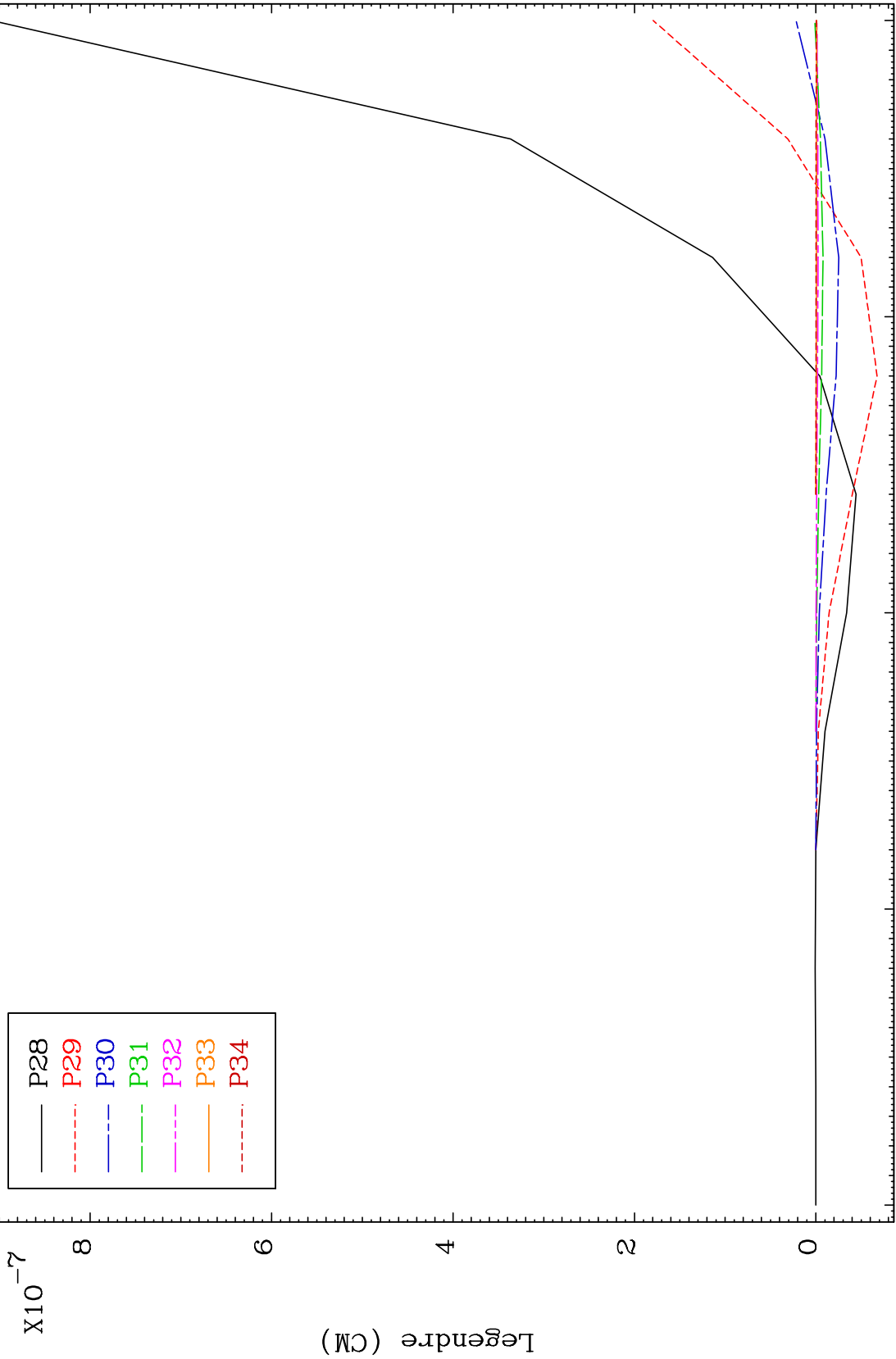
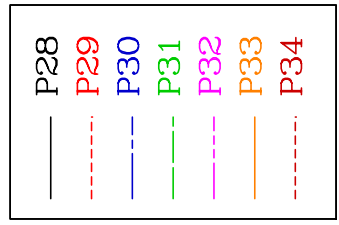
Incident Energy (MeV)

53-I -133

MAT 5343

Elastic Legendre Coefficients

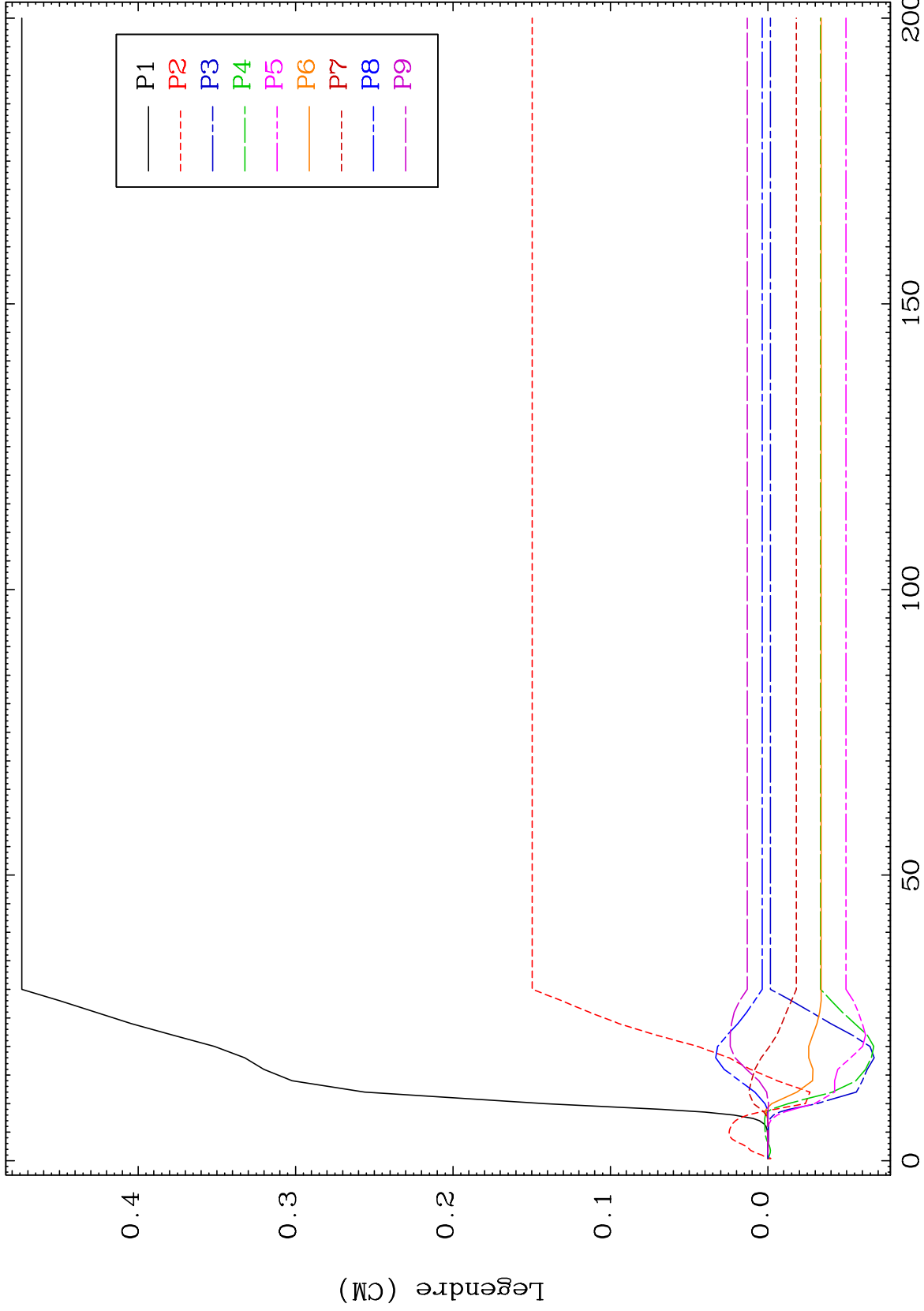
53-I -133



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Incident Energy (MeV)

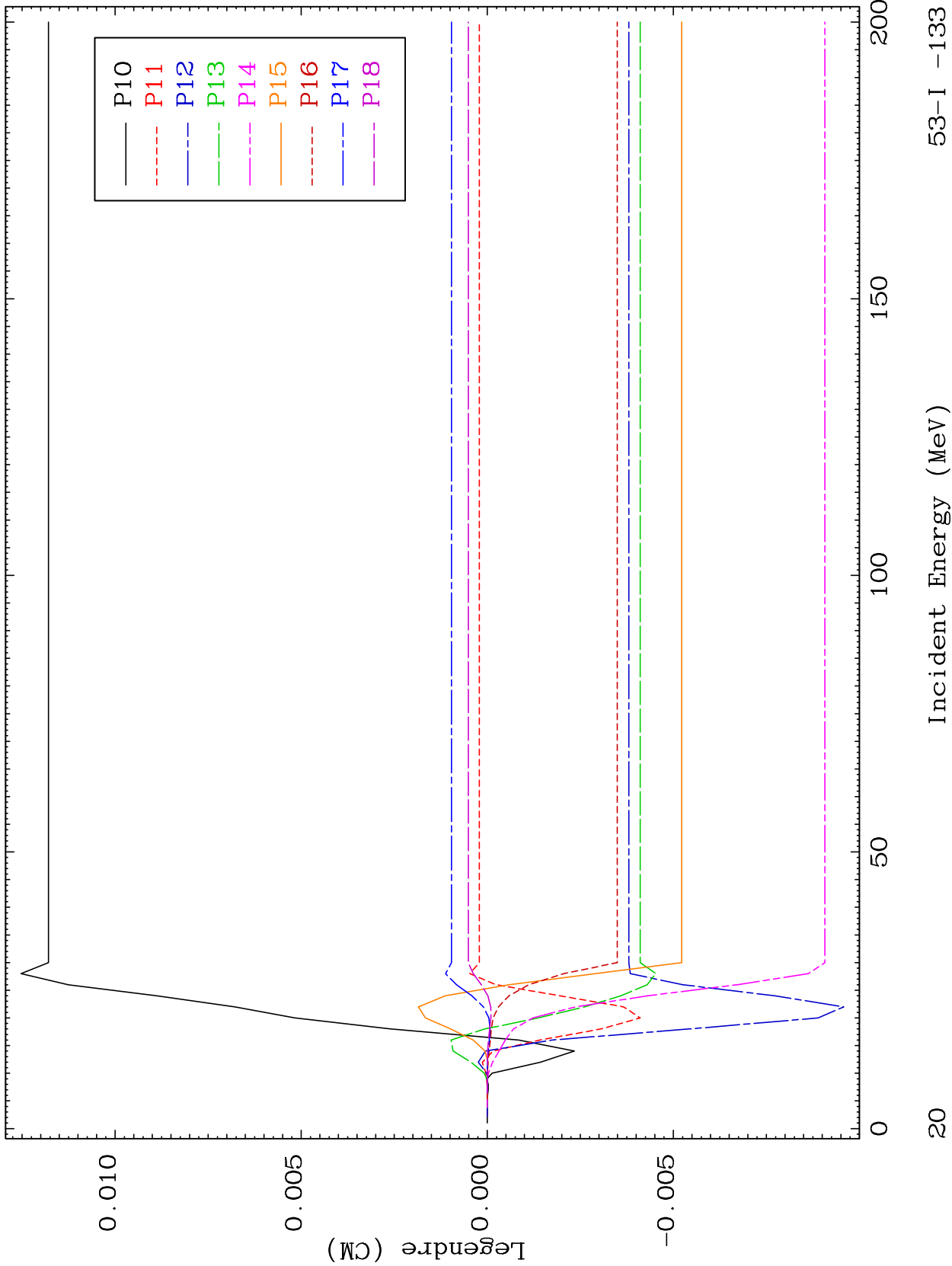
53-I -133



MAT 5343

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

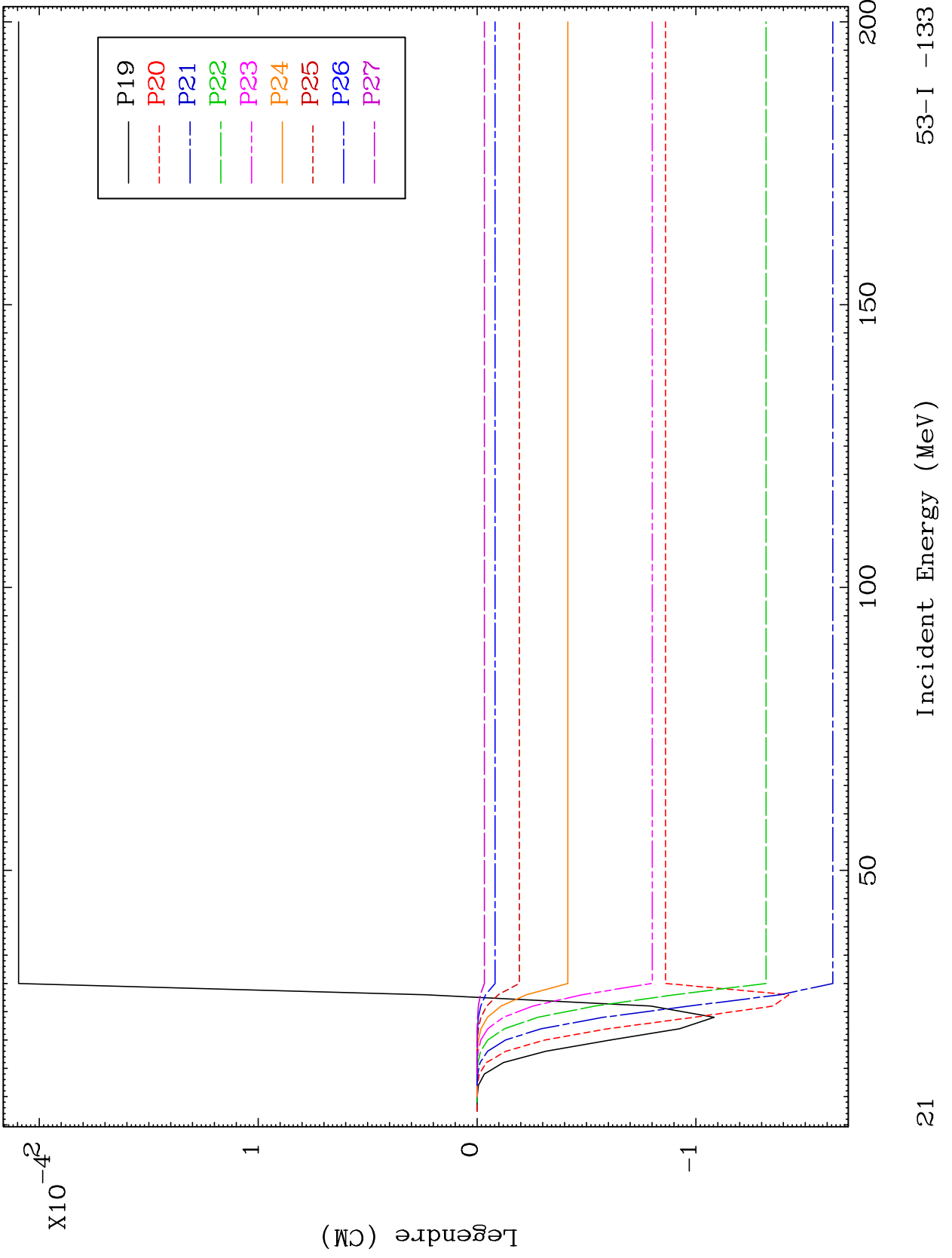
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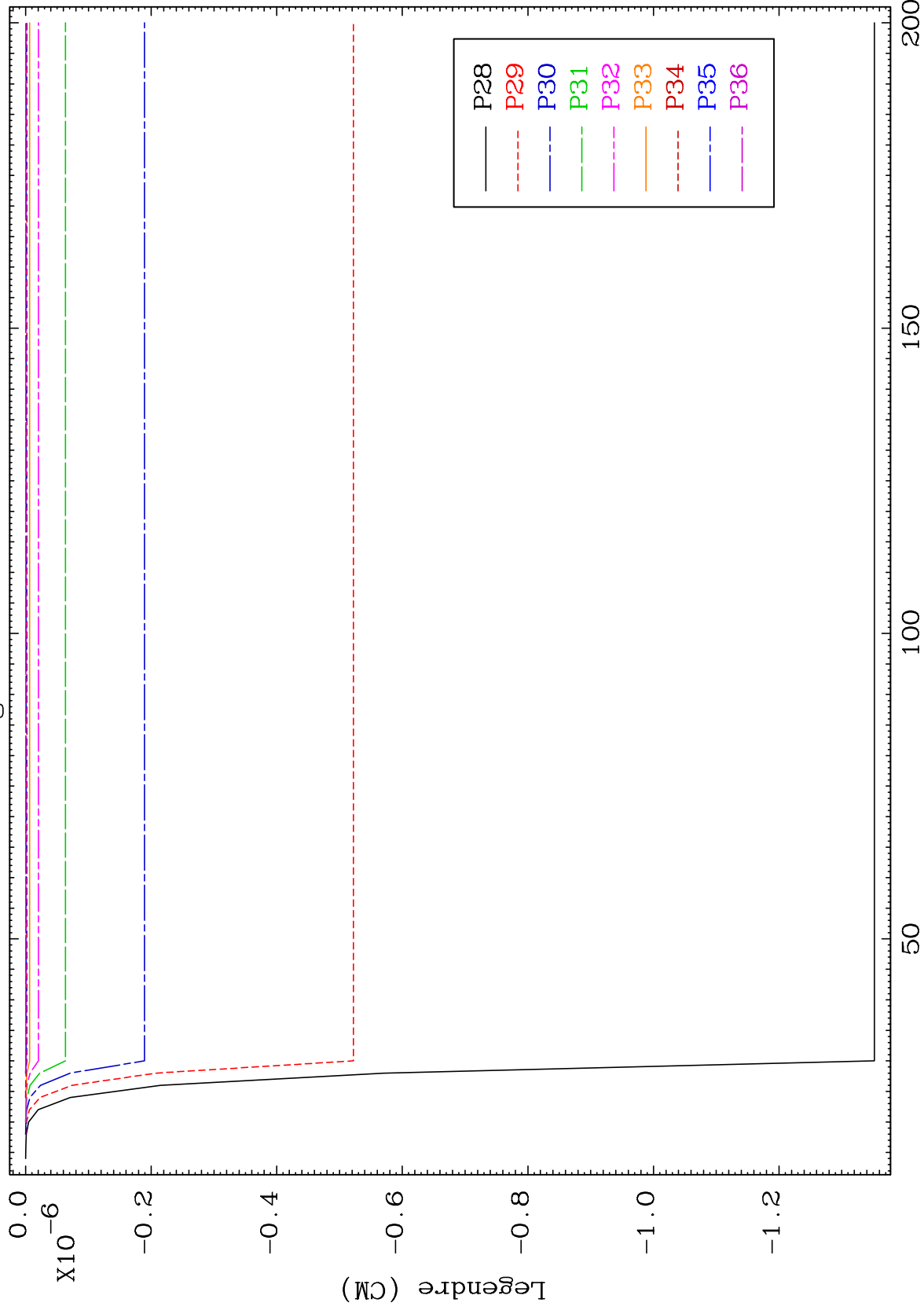


53-I -133

Incident Energy (MeV)

20



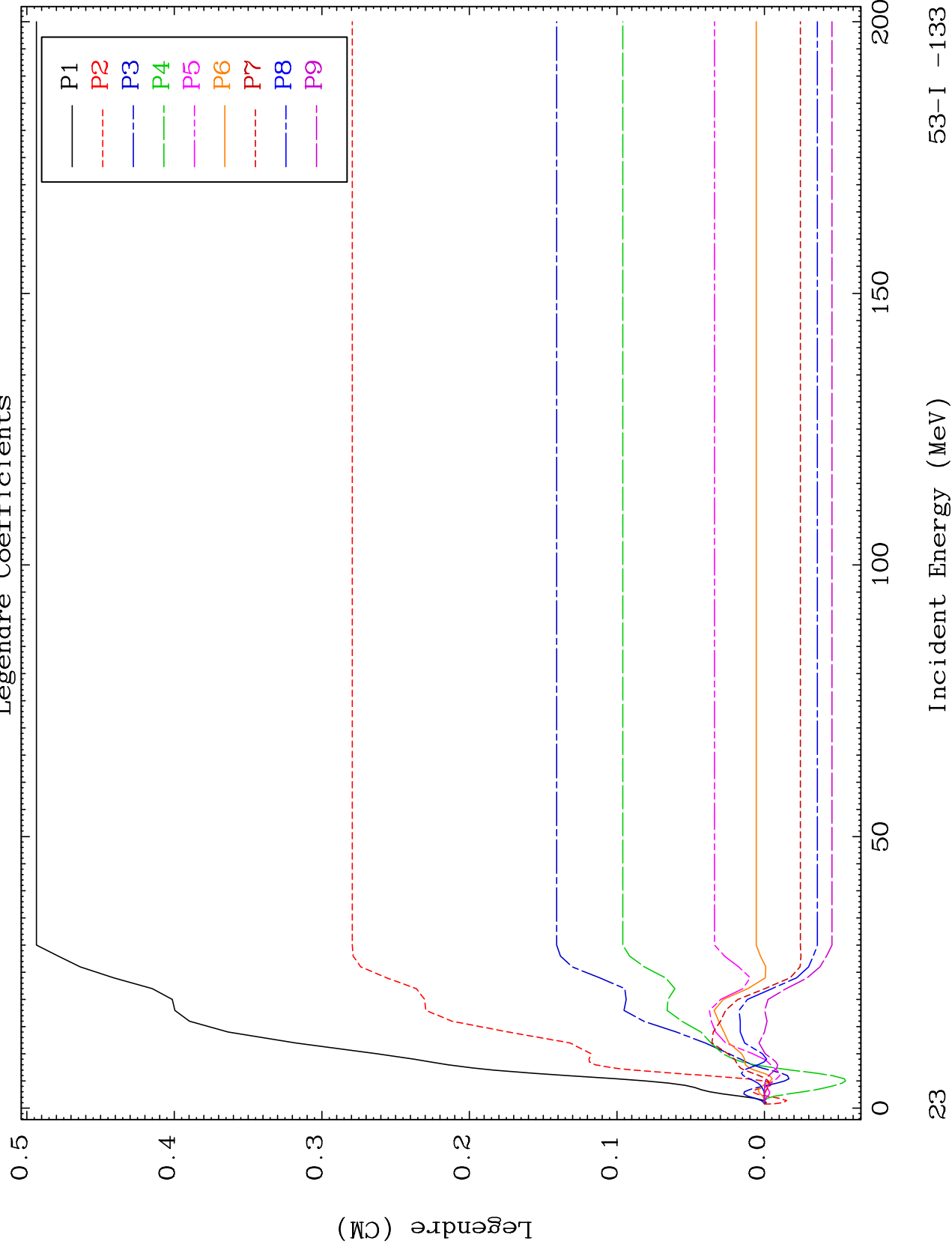


MAT 5343

MT= 52 (n,n') Level

53-I -133

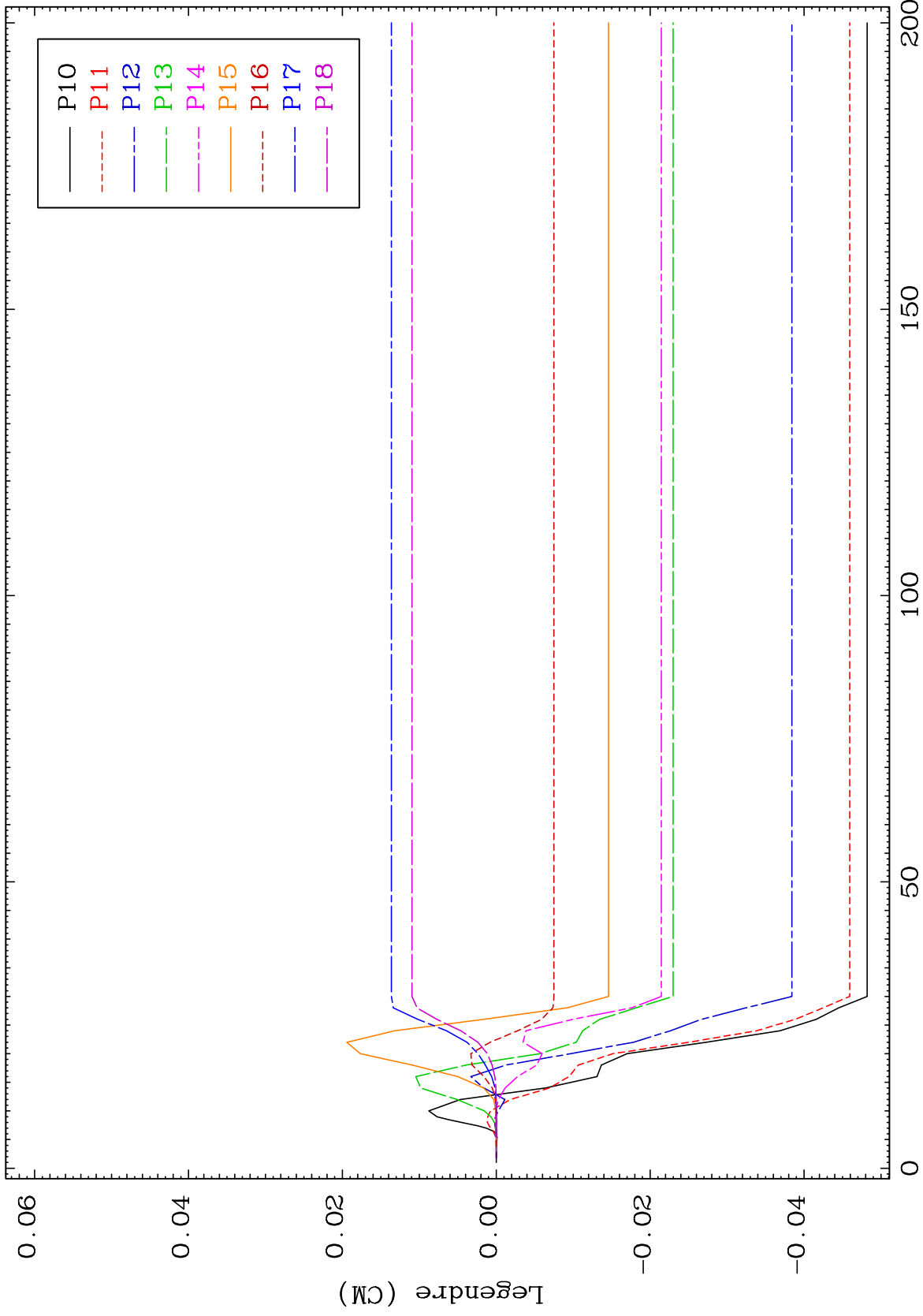
Legendre Coefficients



MAT 5343

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

53-I -133



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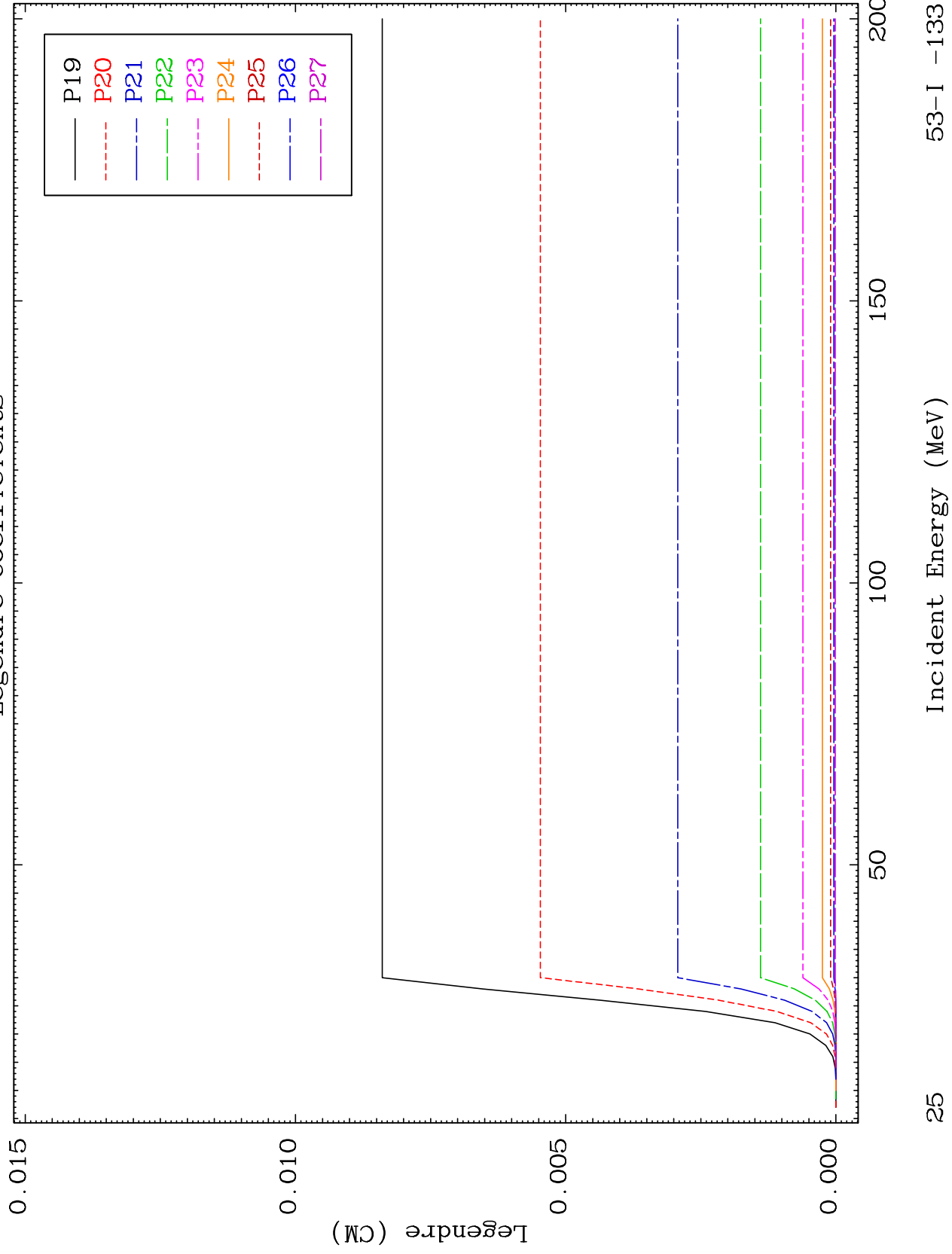
Incident Energy (MeV)

53-I -133

MAT 5343

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

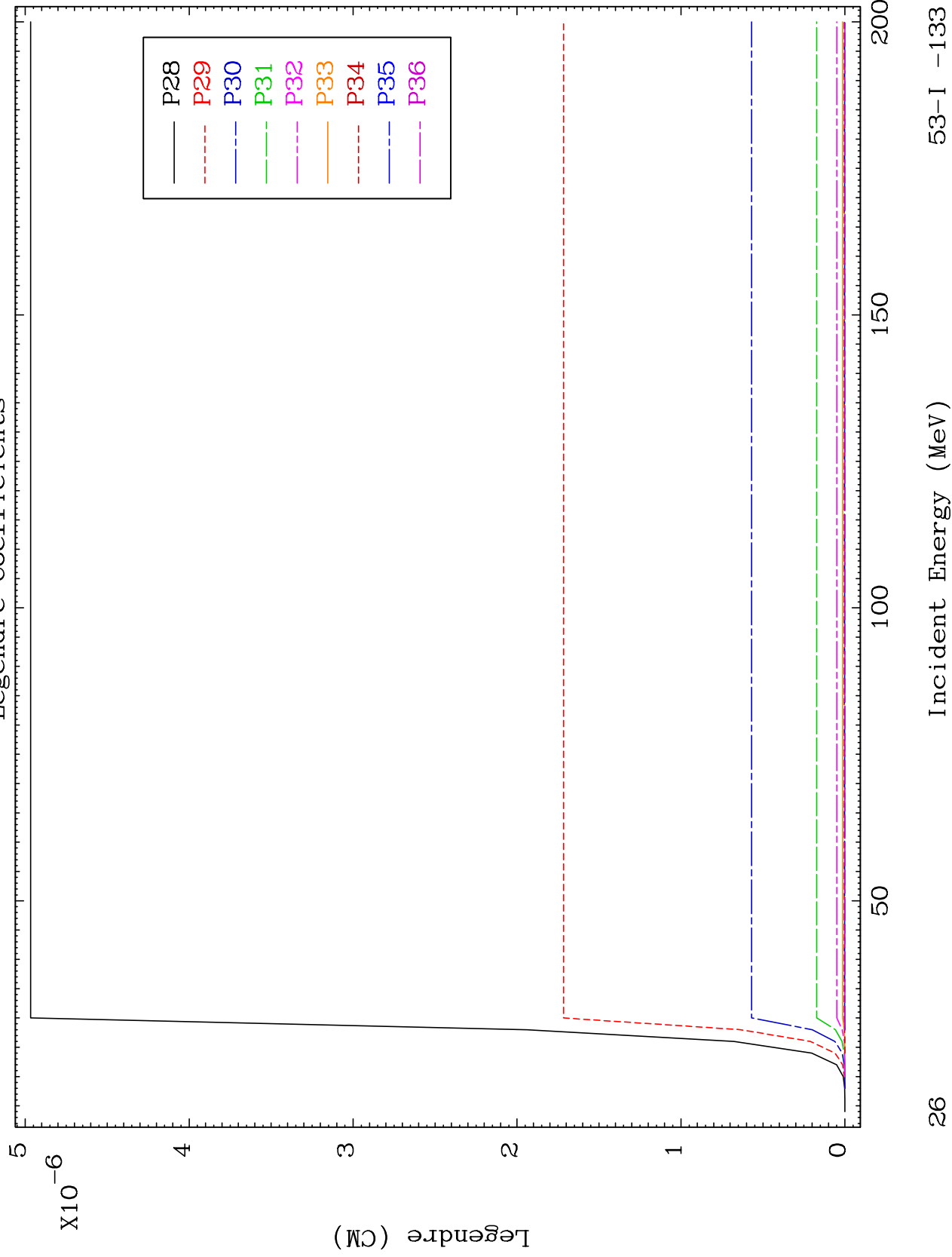
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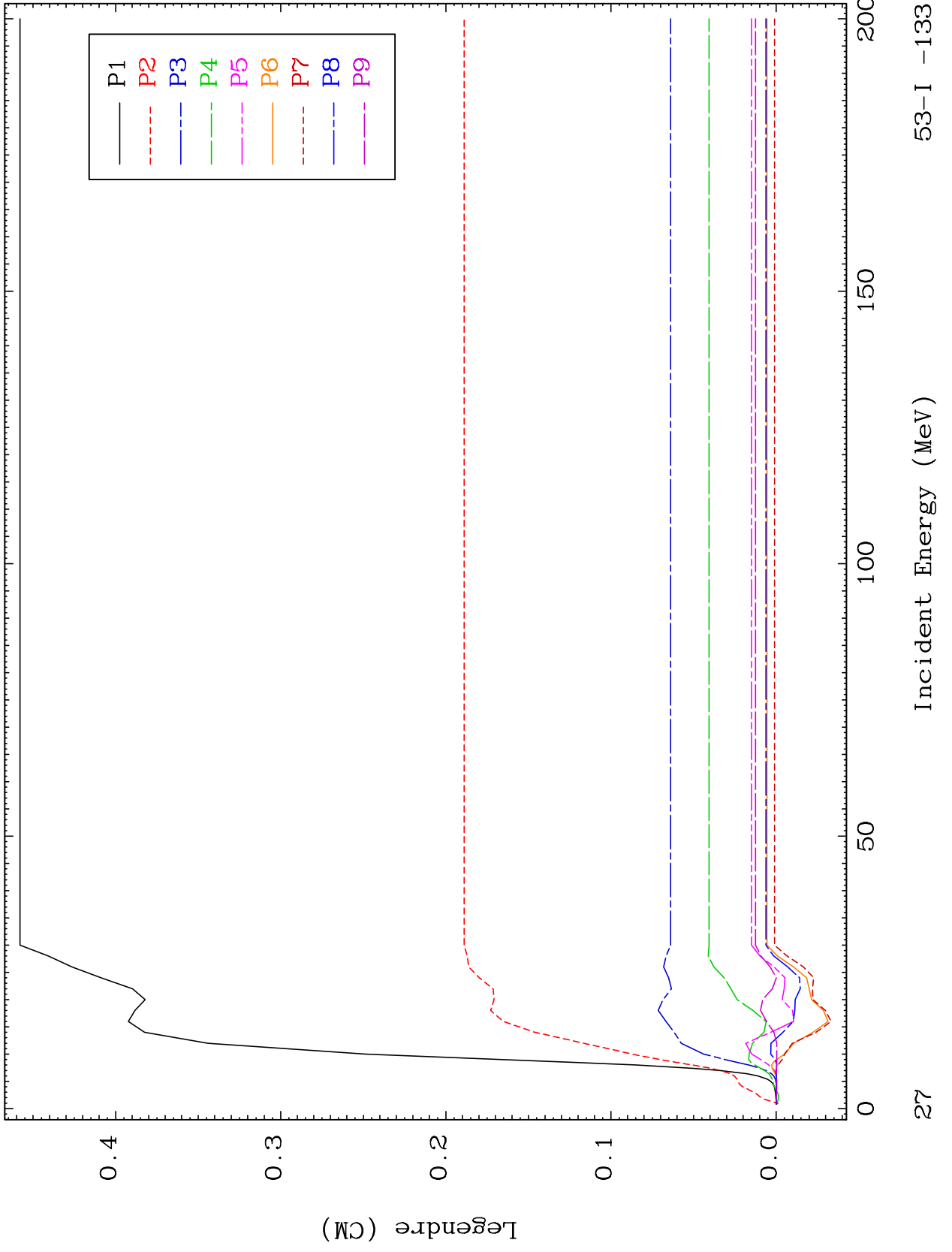


53-I -133

Incident Energy (MeV)

25

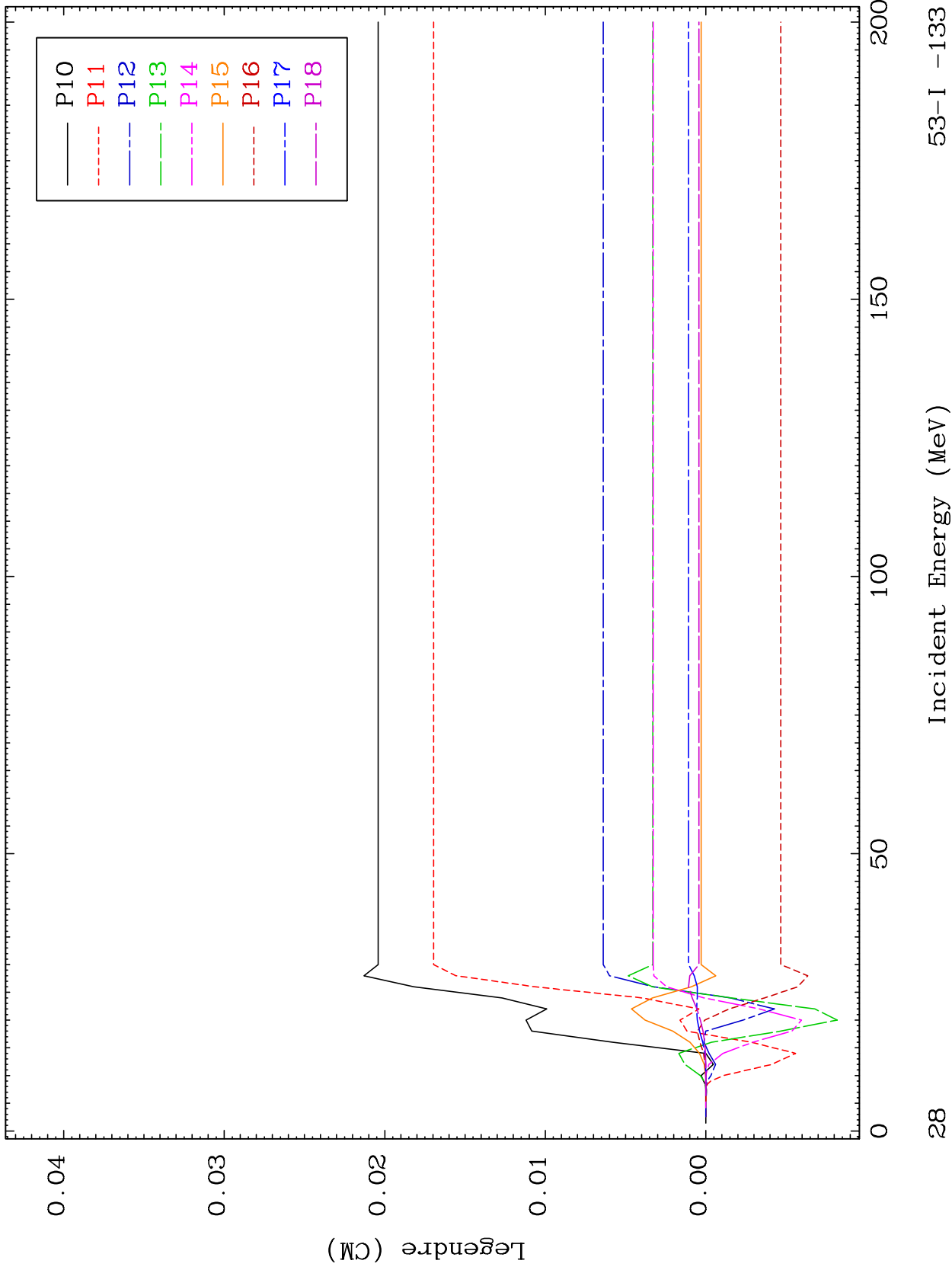




MAT 5343

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

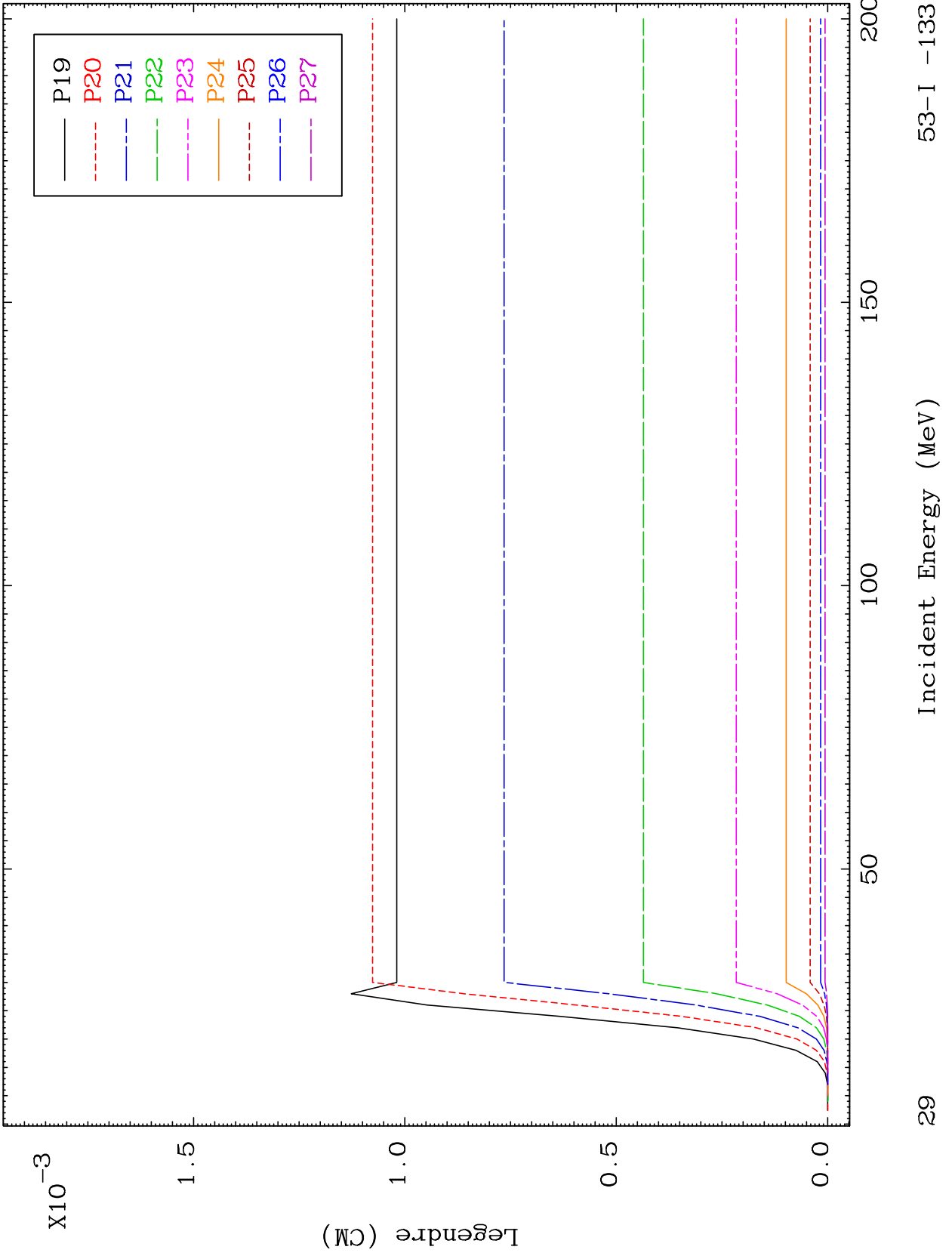
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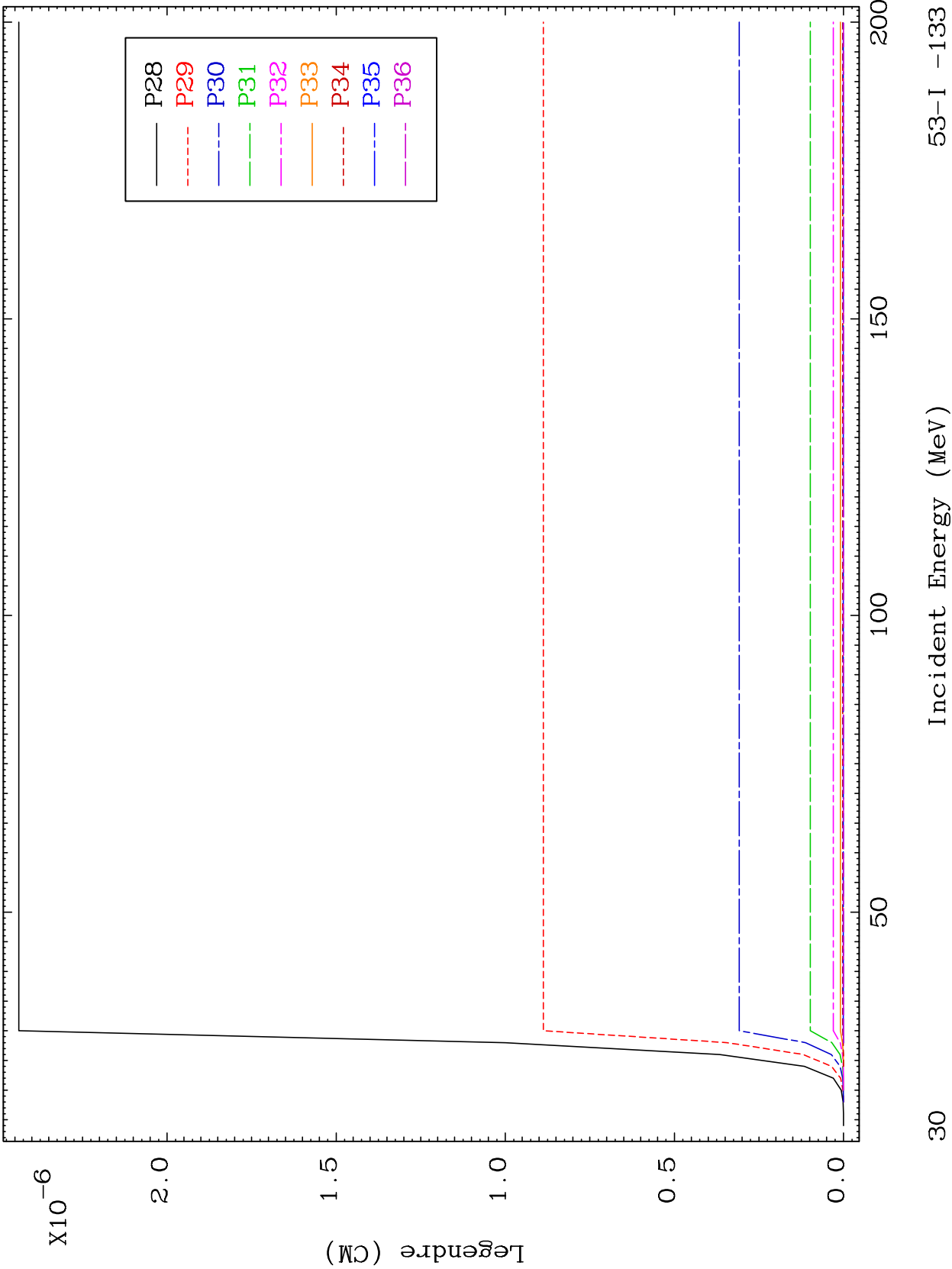


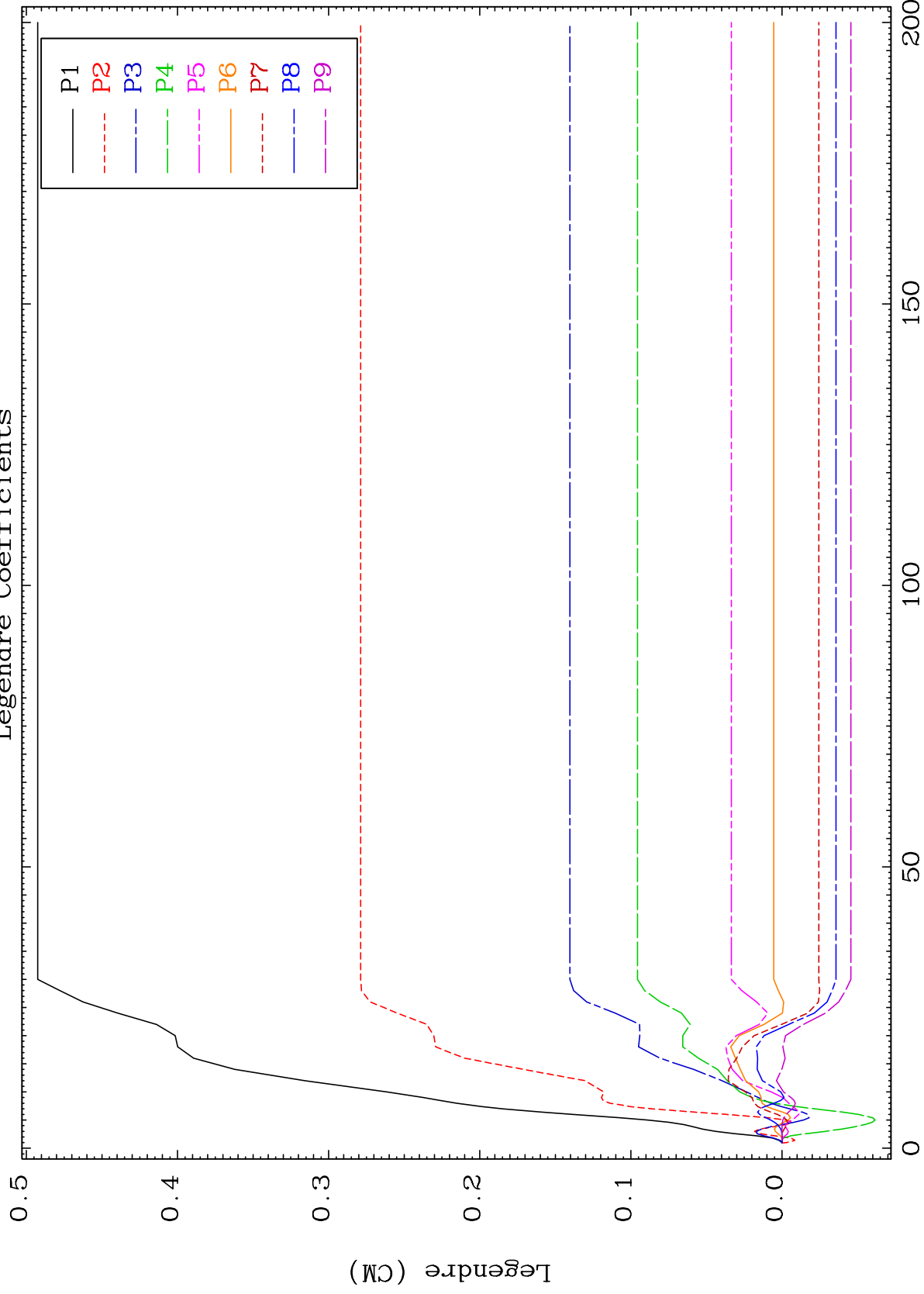
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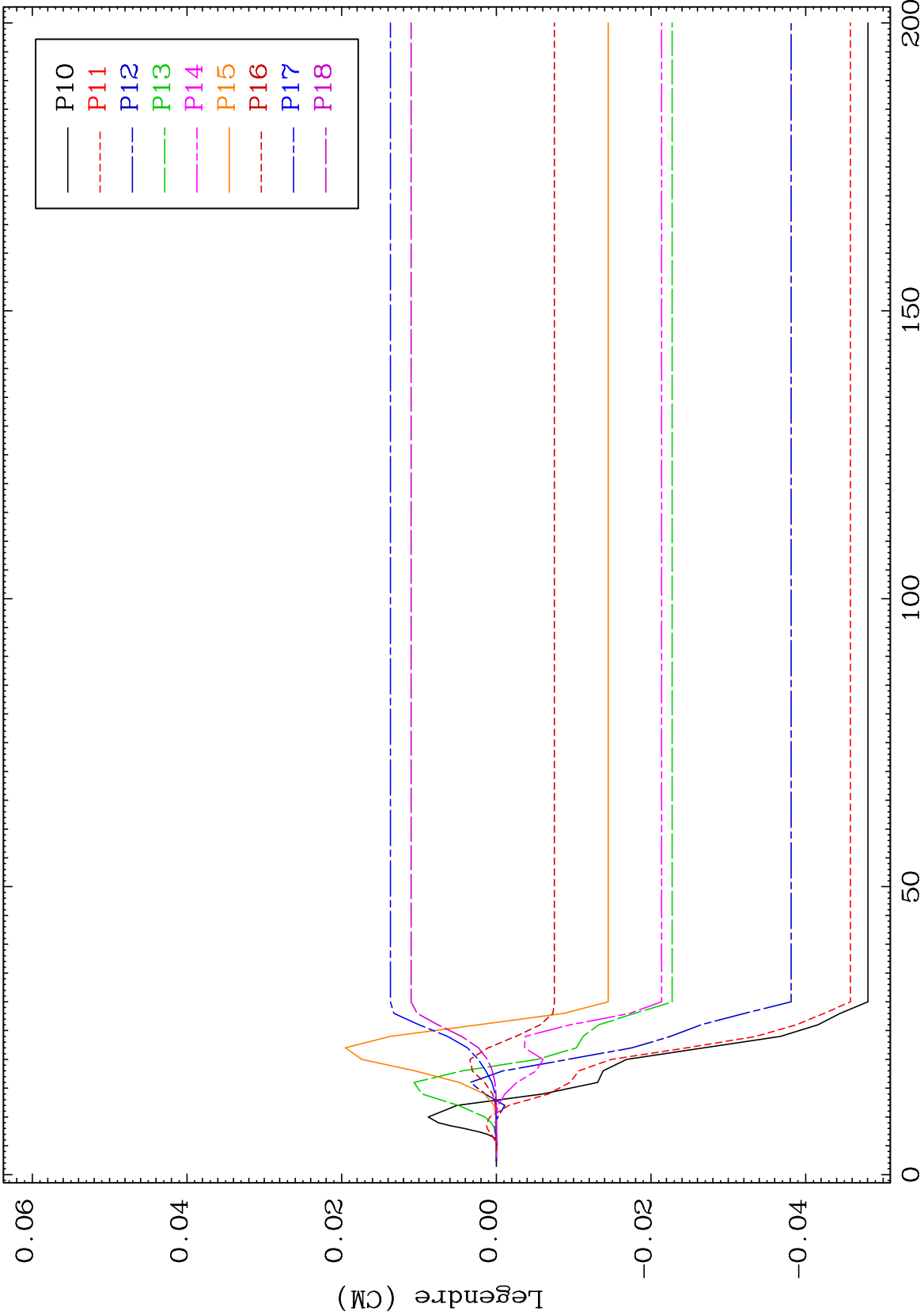
Incident Energy (MeV)

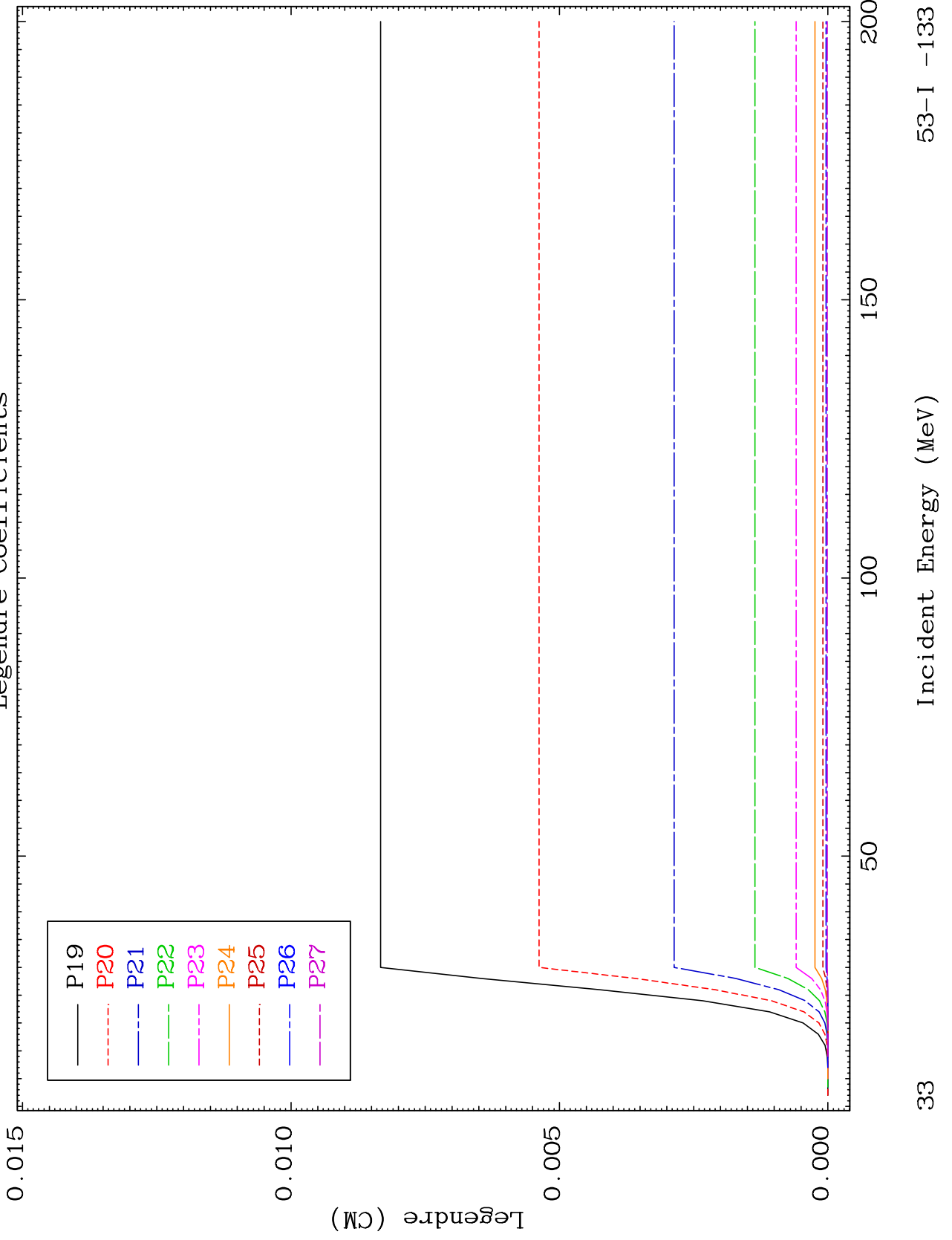
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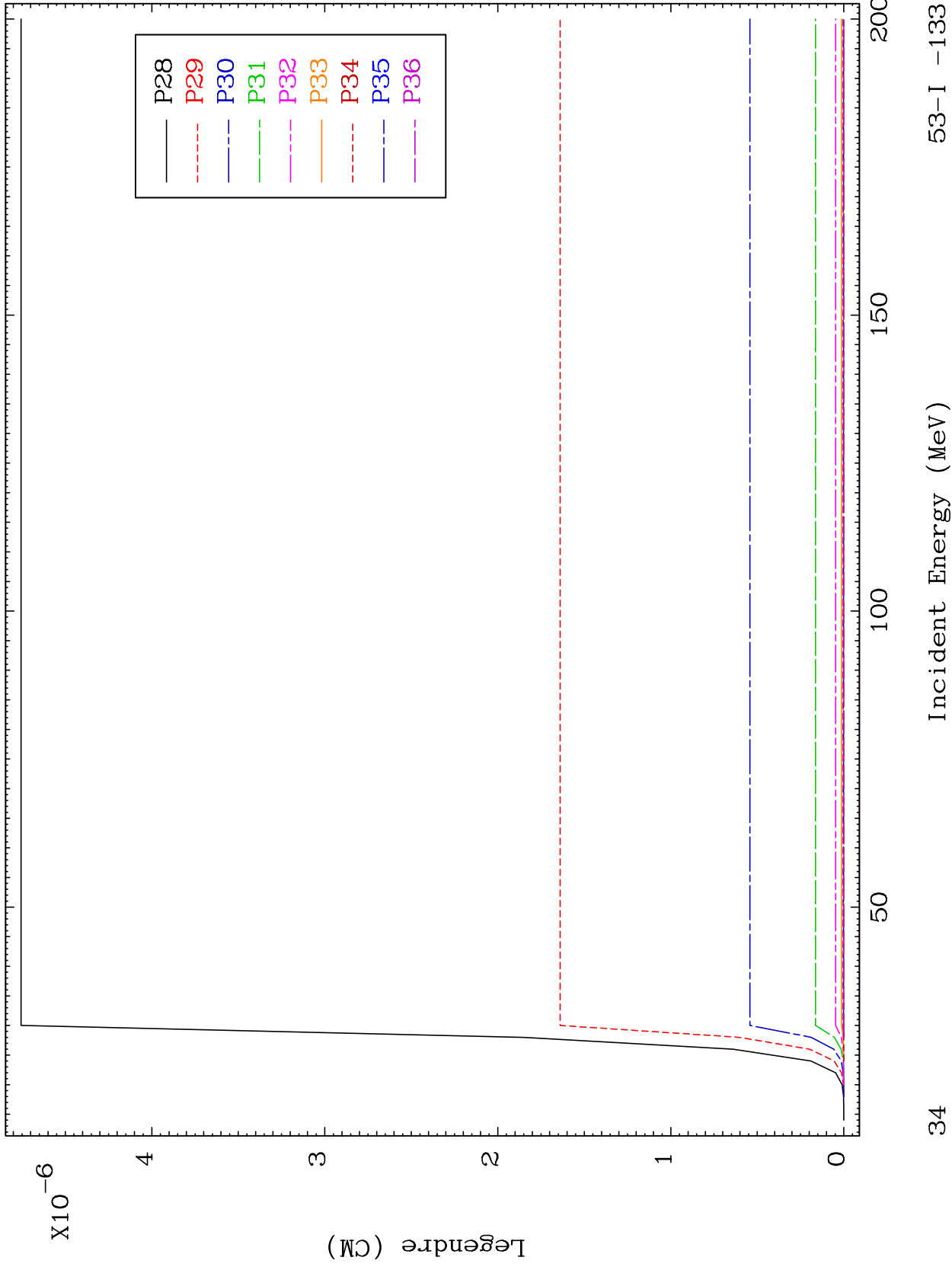










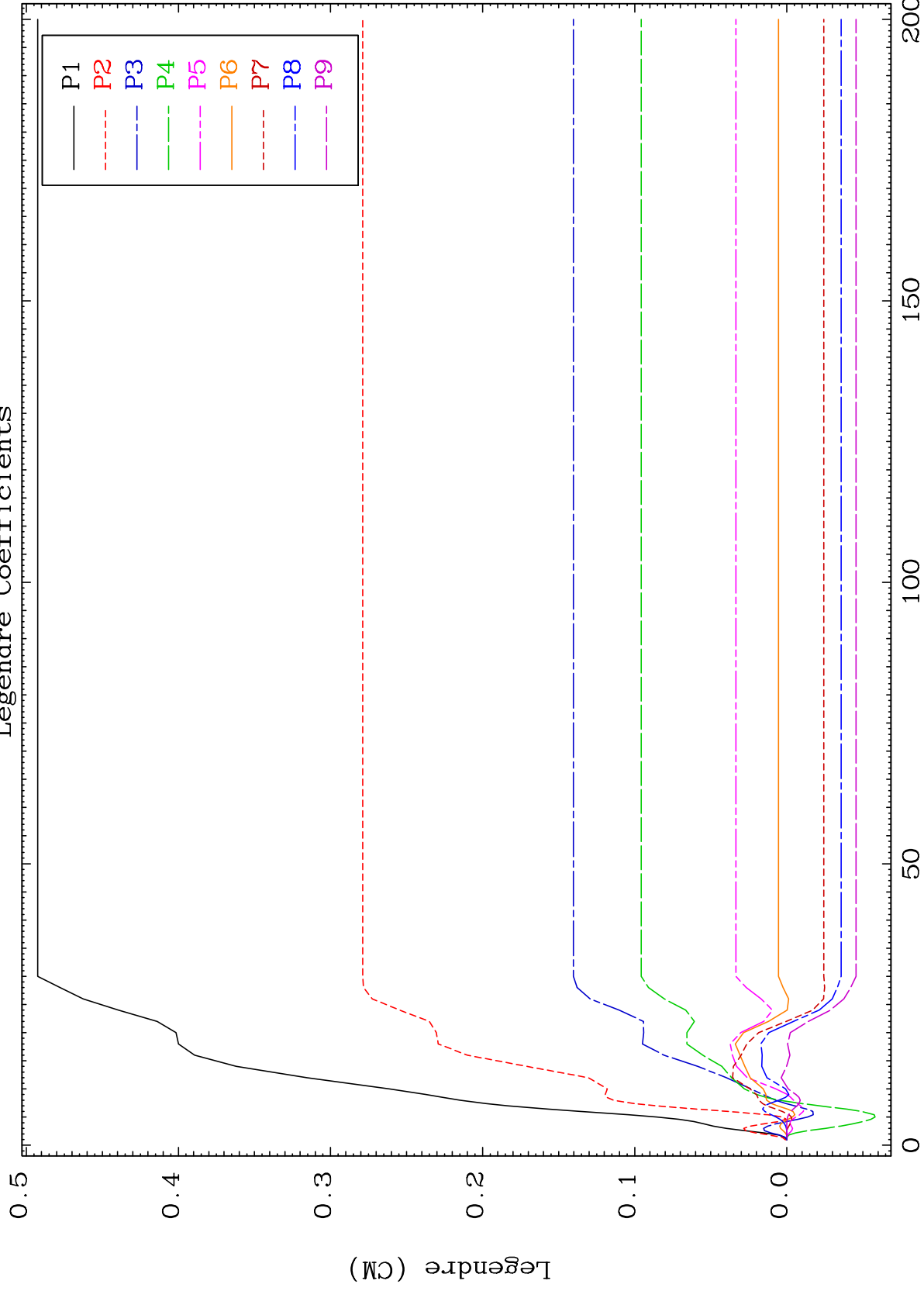


MAT 5343

MT= 55 (n,n') Level

53-I -133

Legendre Coefficients



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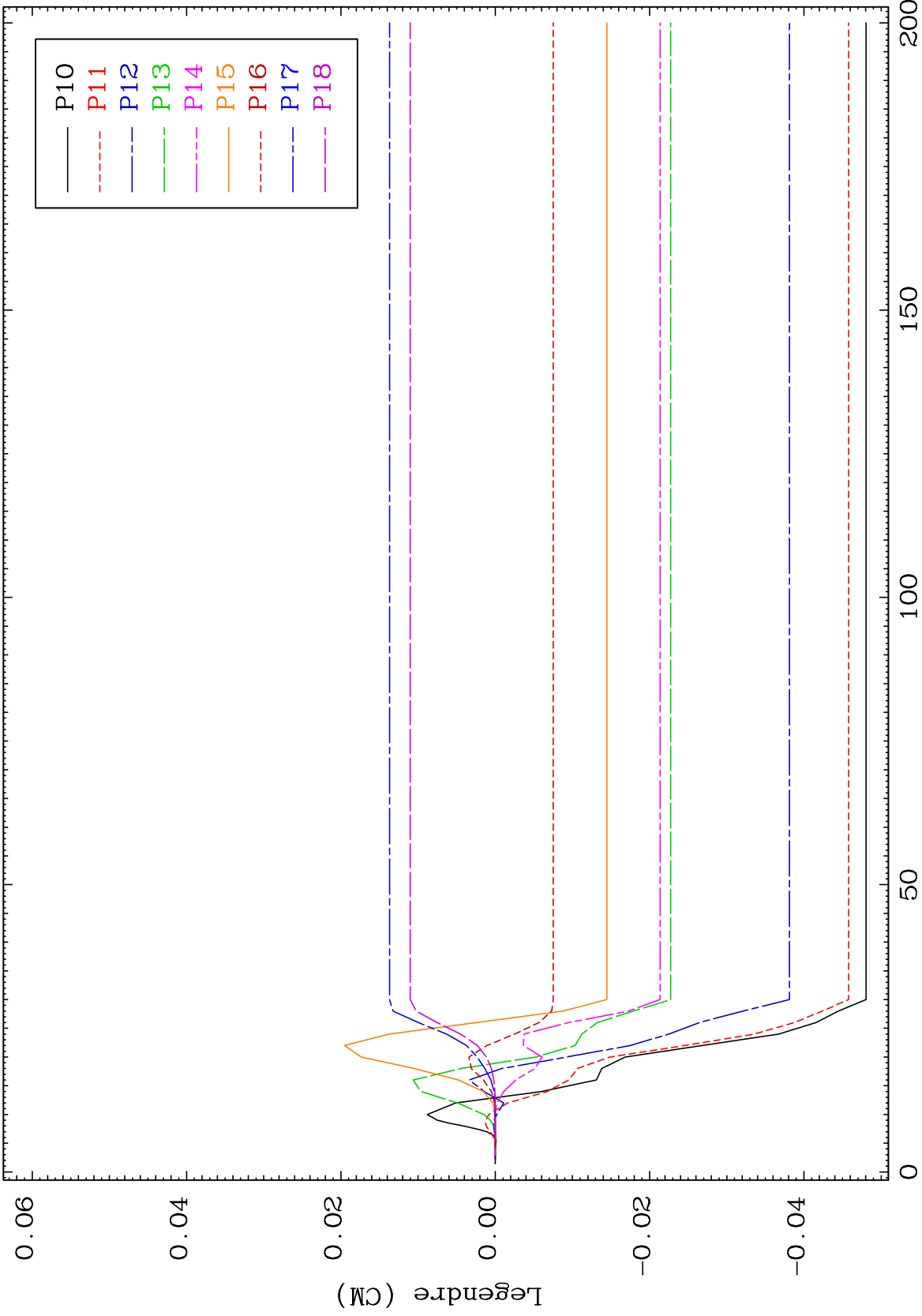
53-I -133

53-I -133

MAT 5343

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

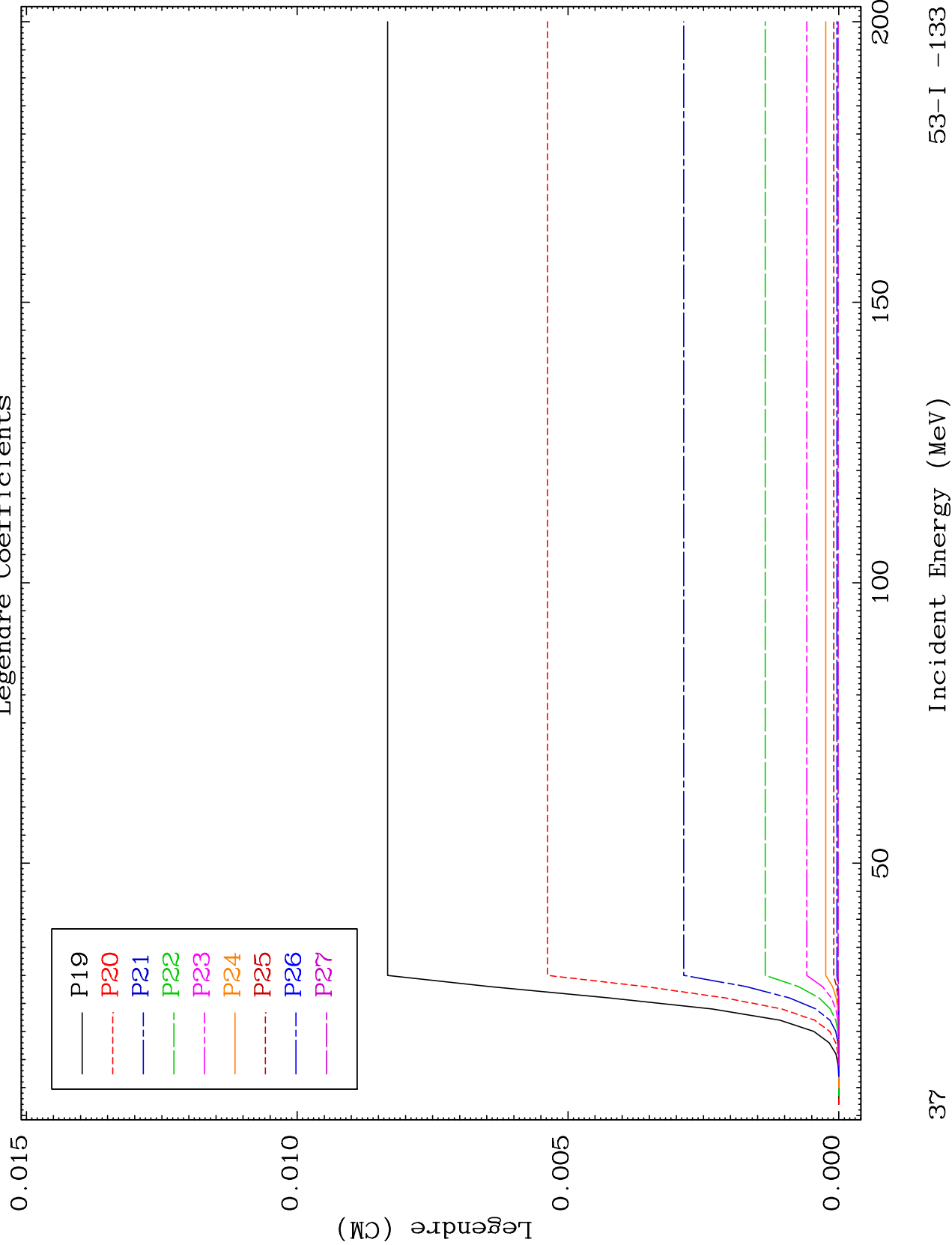
53-I -133



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Incident Energy (MeV)

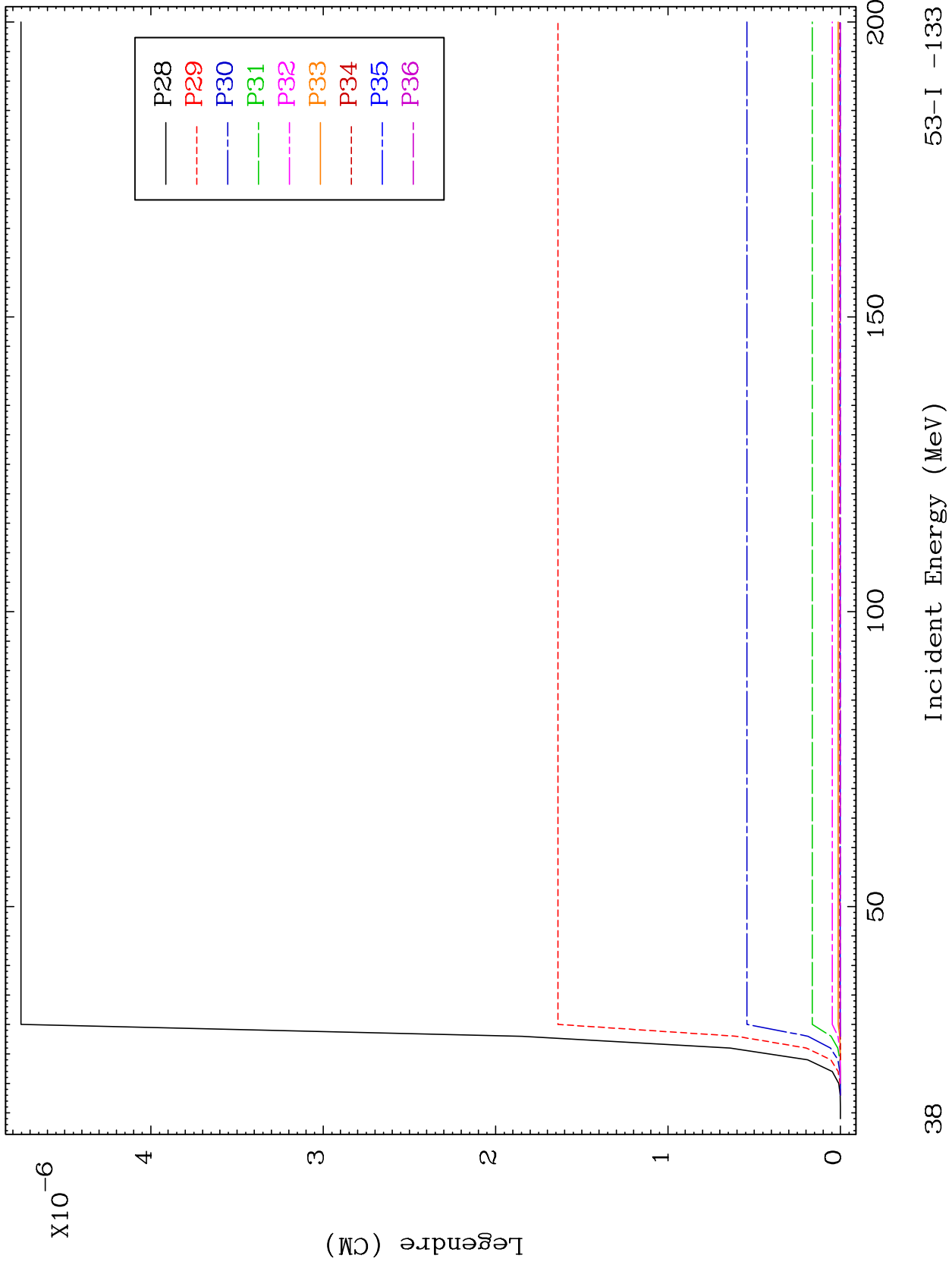
53-I -133



MAT 5343

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

53-I -133



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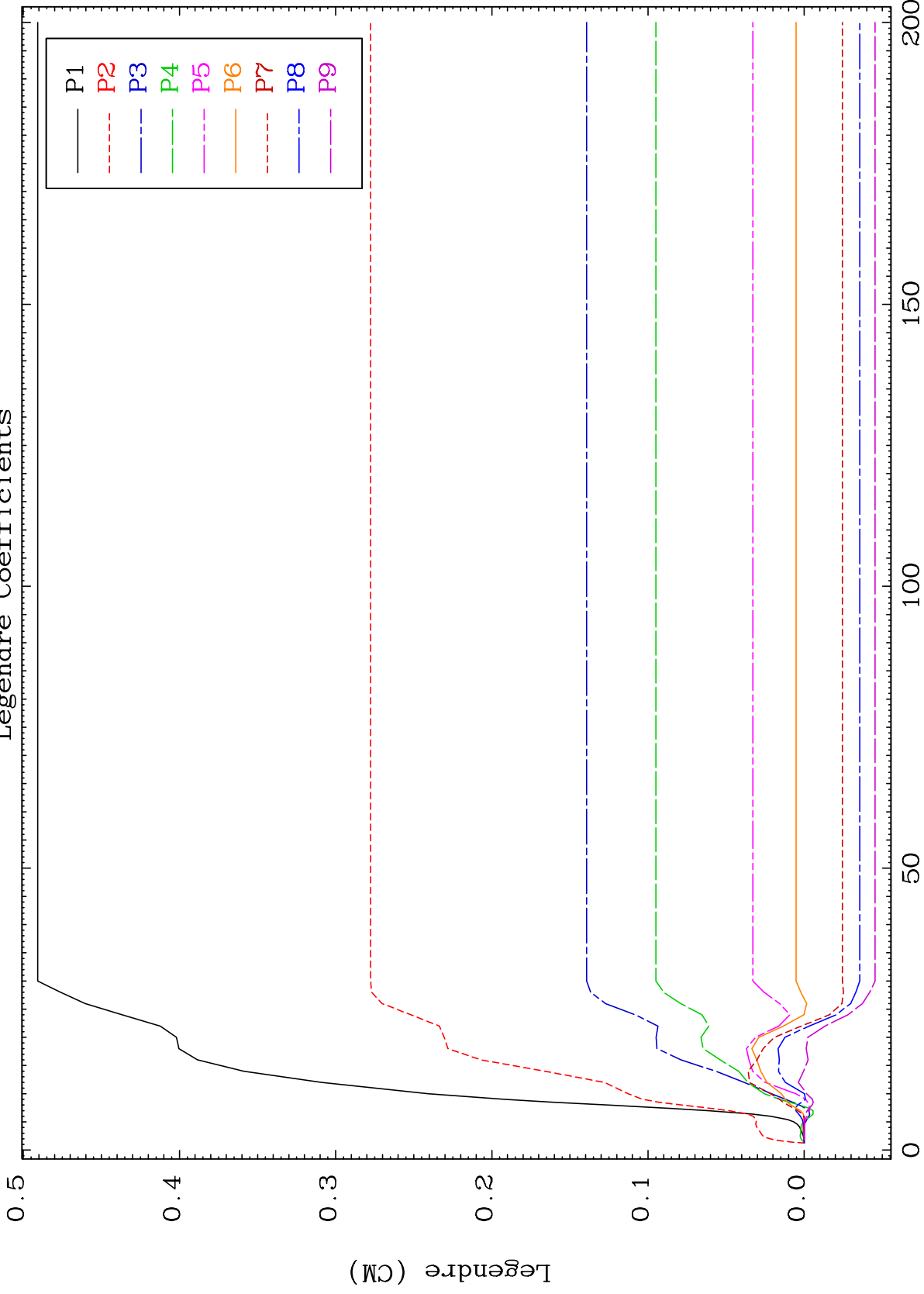
Incident Energy (MeV)

53-I -133

MAT 5343

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

53-I -133



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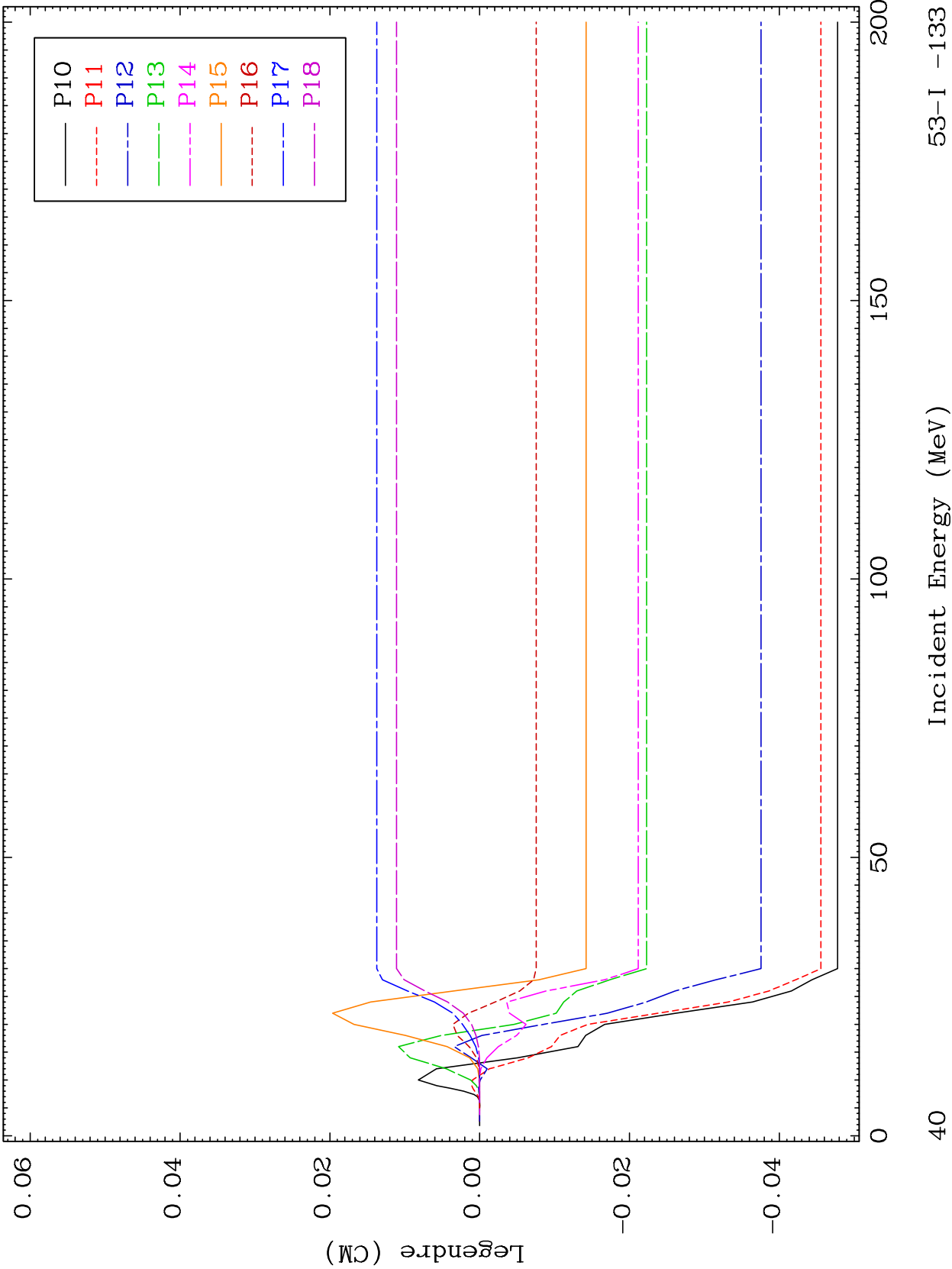
Incident Energy (MeV)

53-I -133

MAT 5343

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

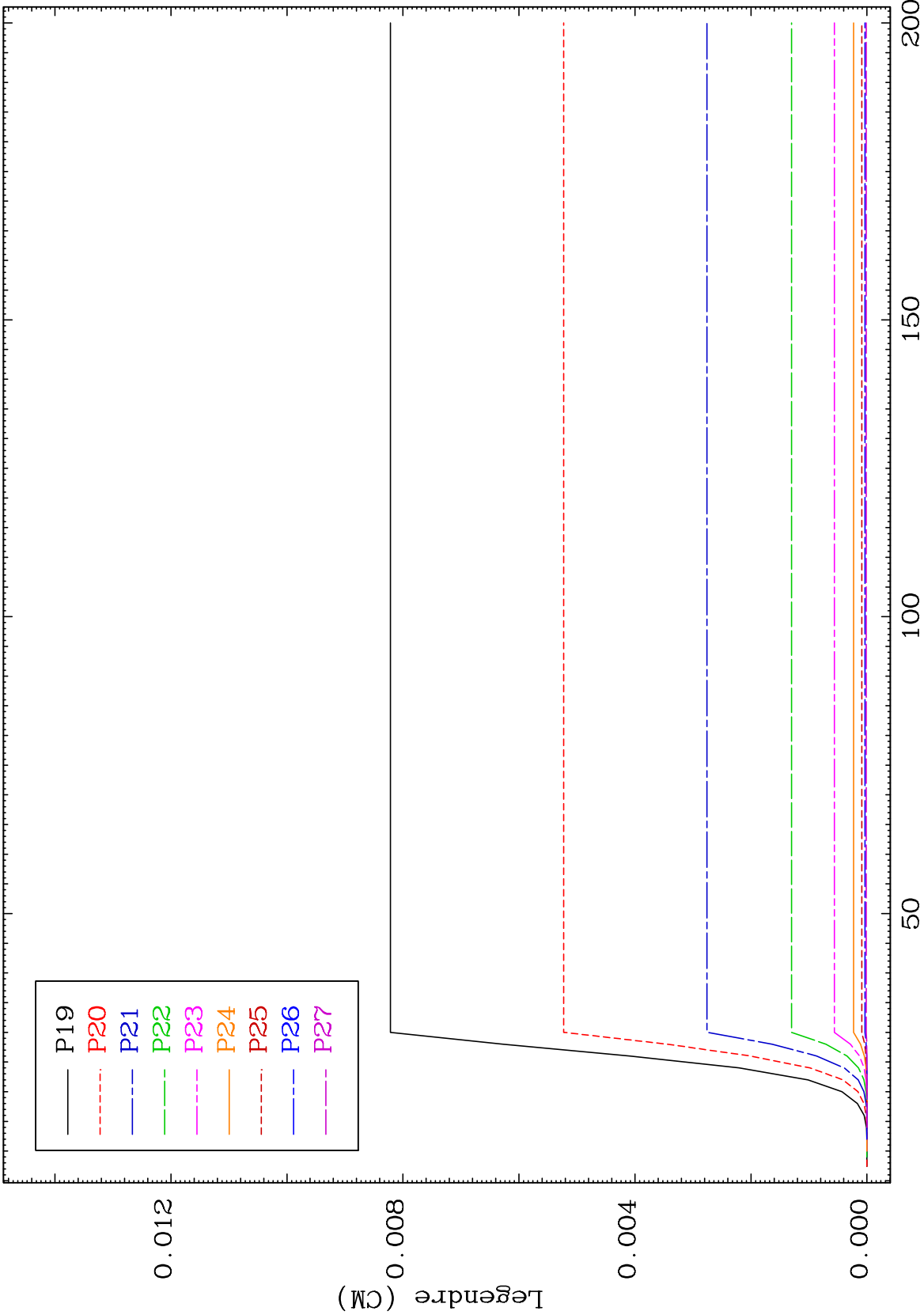
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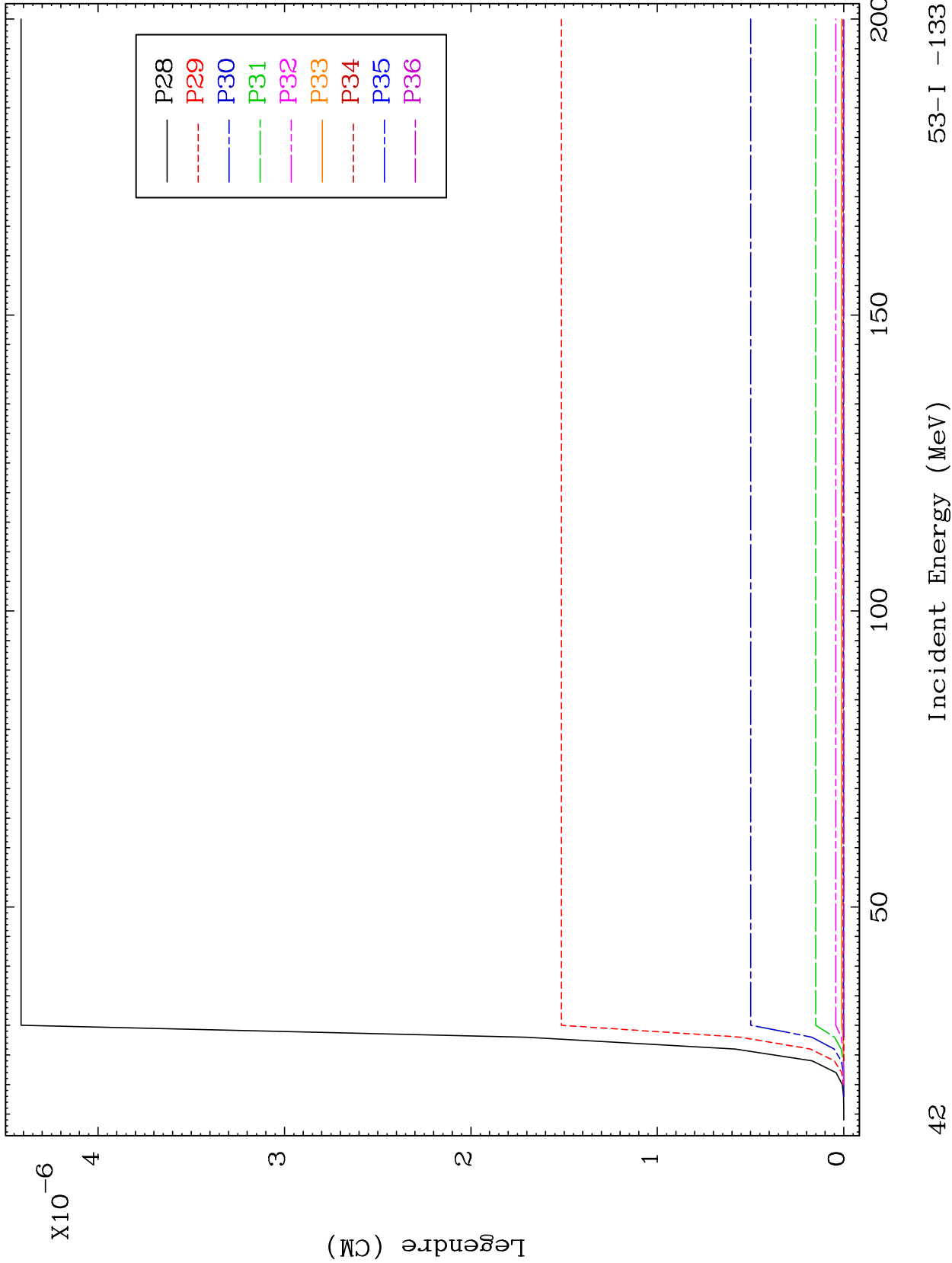


53-I -133

Incident Energy (MeV)

40

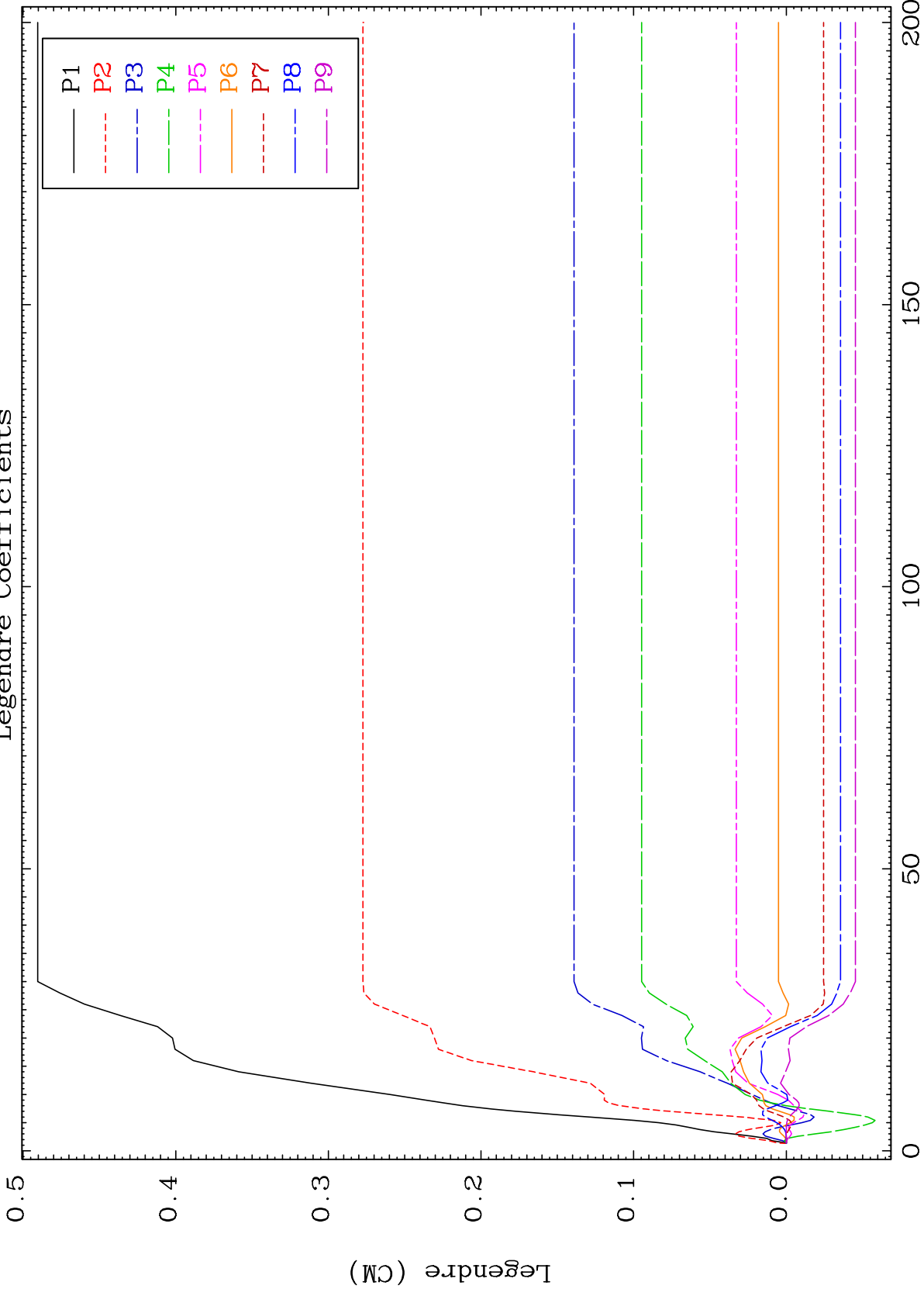




MAT 5343

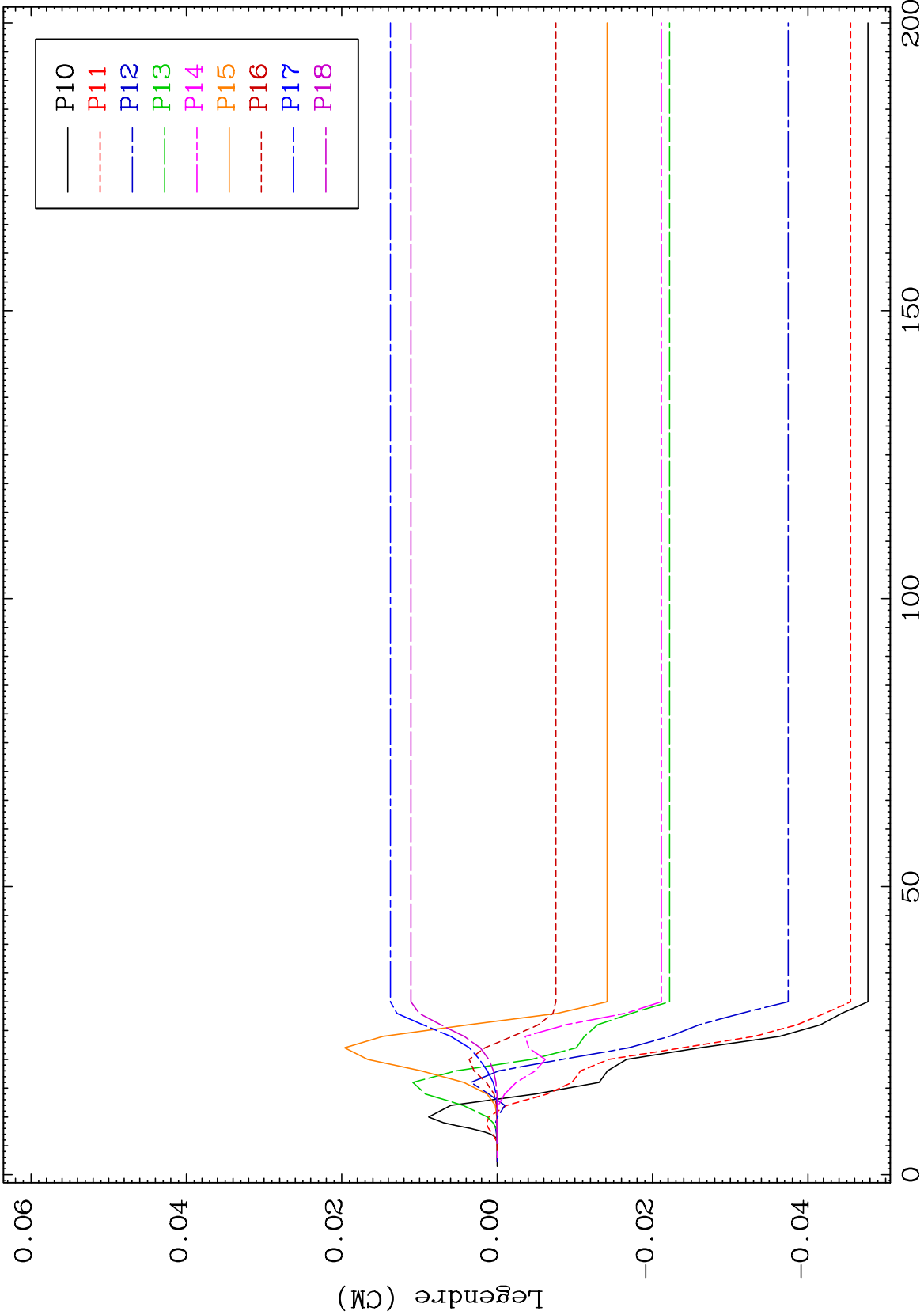
MT= 57 (n,n') Level
Legendre Coefficients

53-I -133



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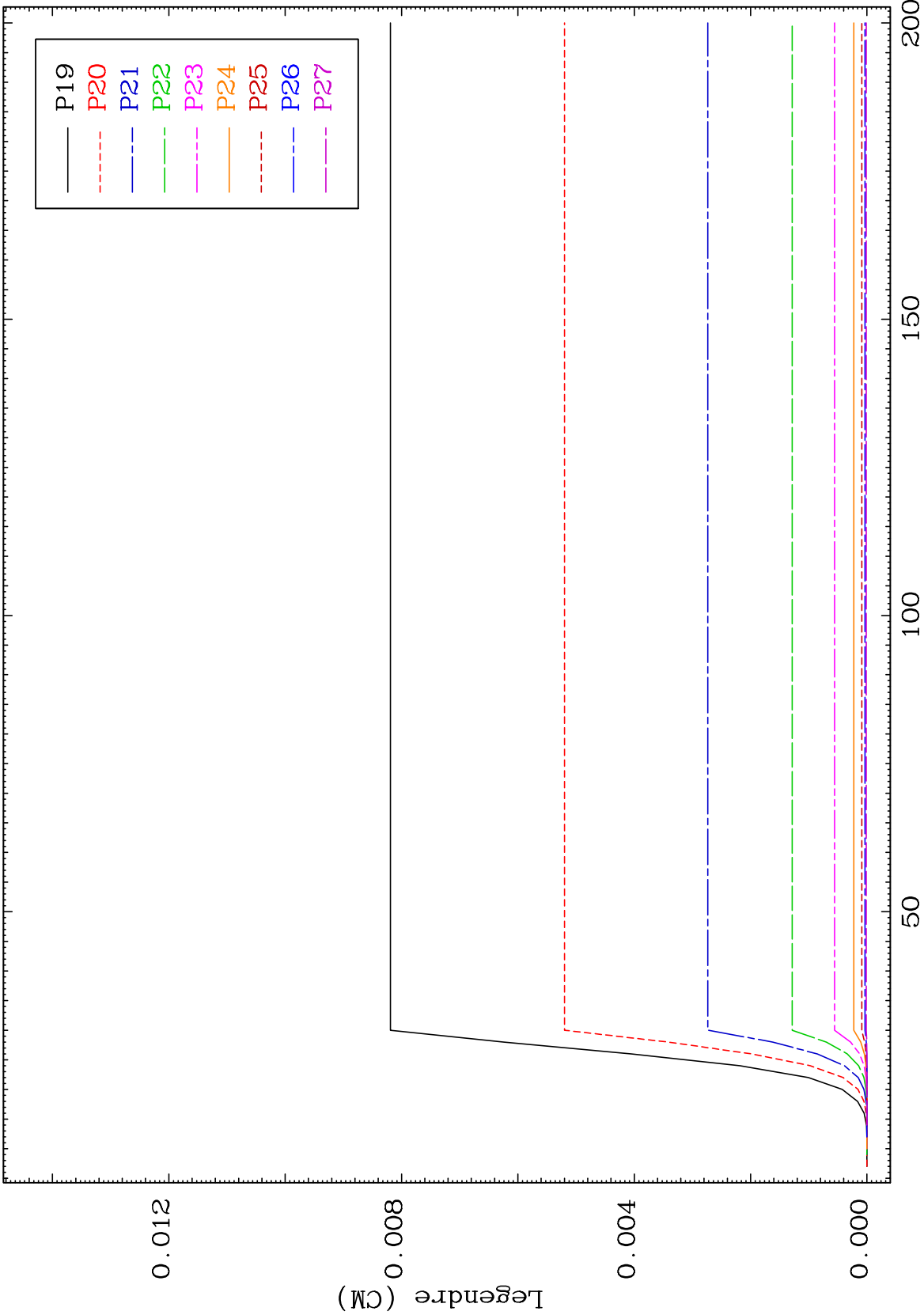
53-I -133



MAT 5343

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

53-I -133



45

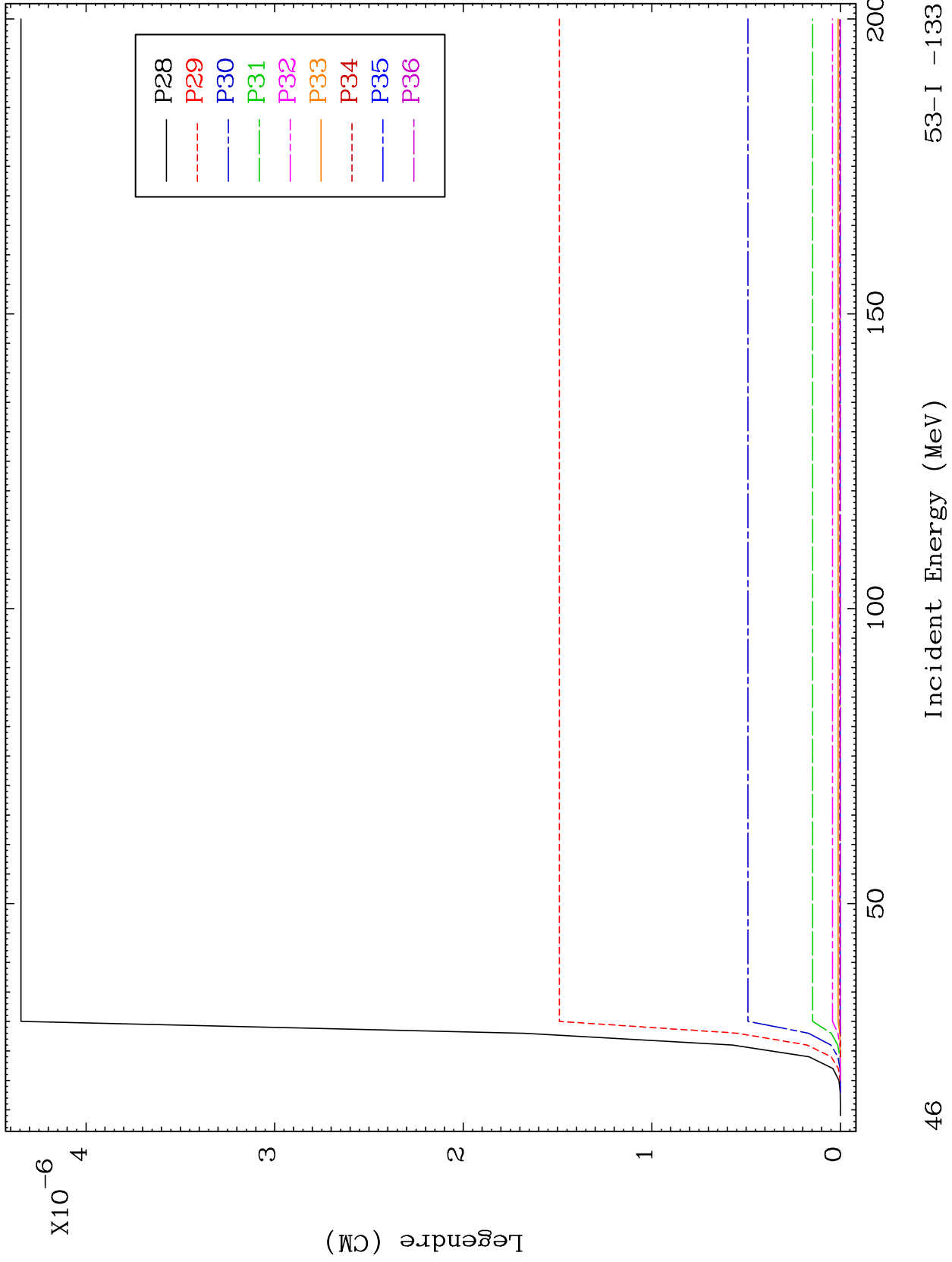
Incident Energy (MeV)

53-I -133

MAT 5343

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

53-I -133

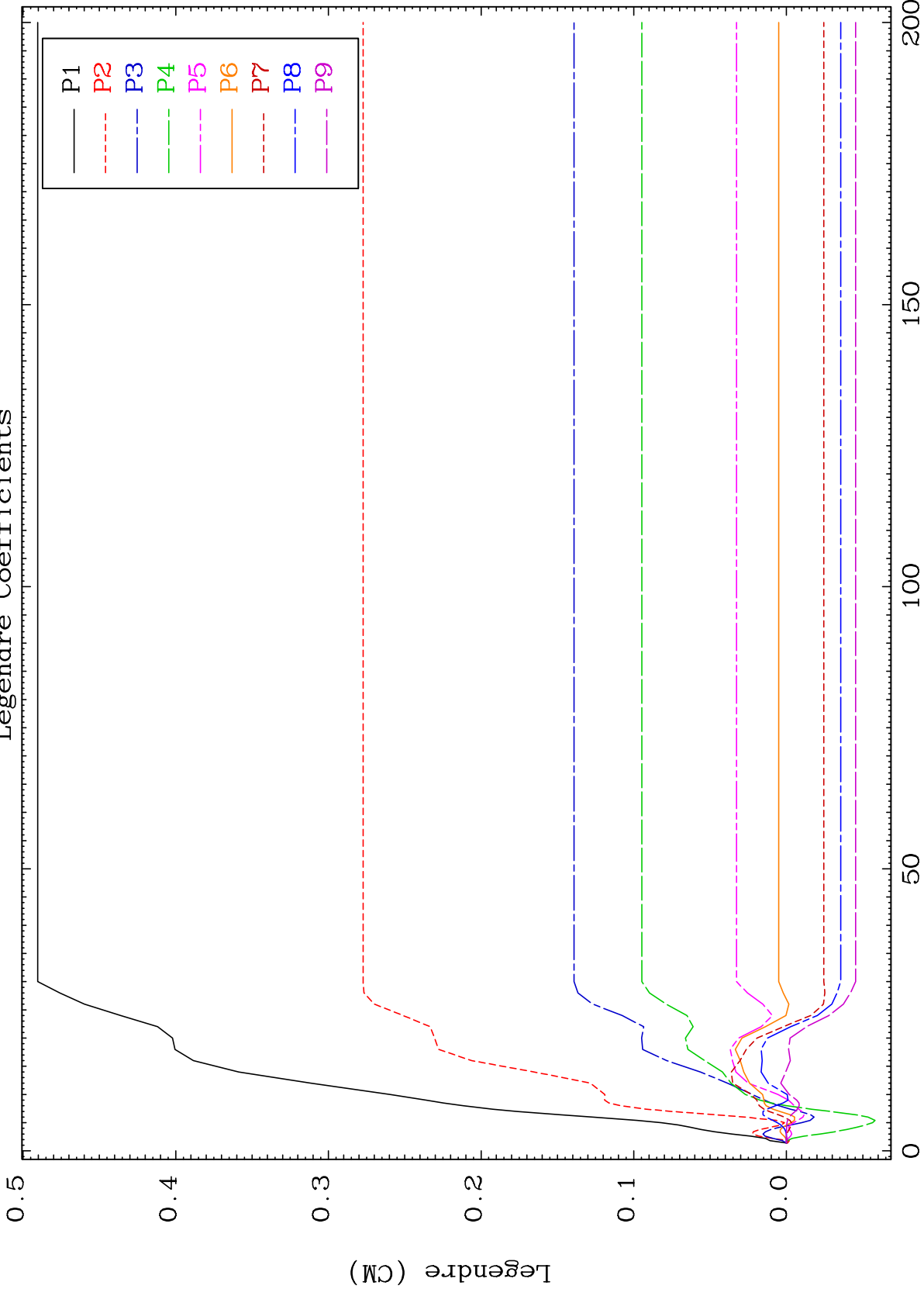


46

Incident Energy (MeV)

53-I -133

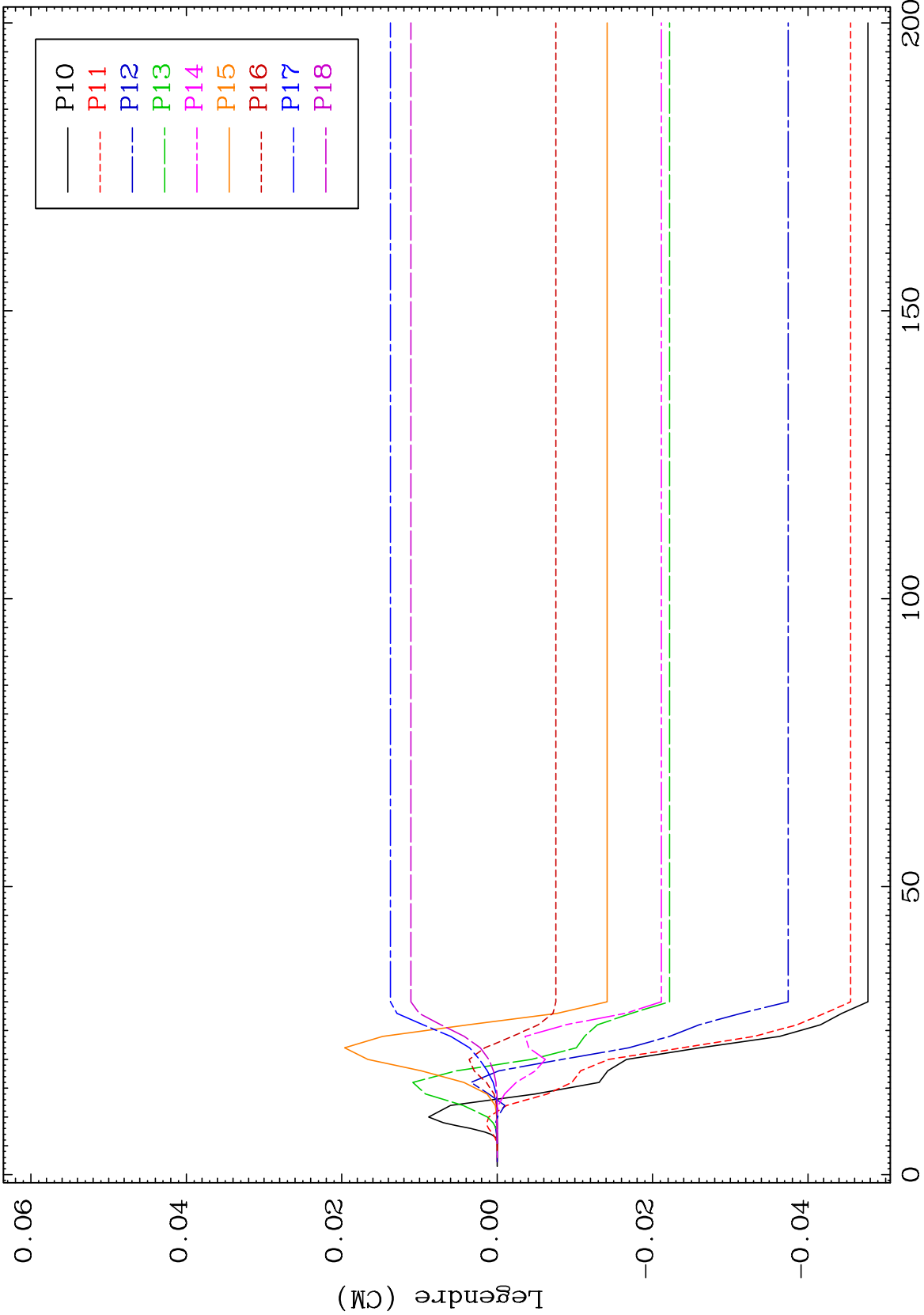
Legendre Coefficients



MAT 5343

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

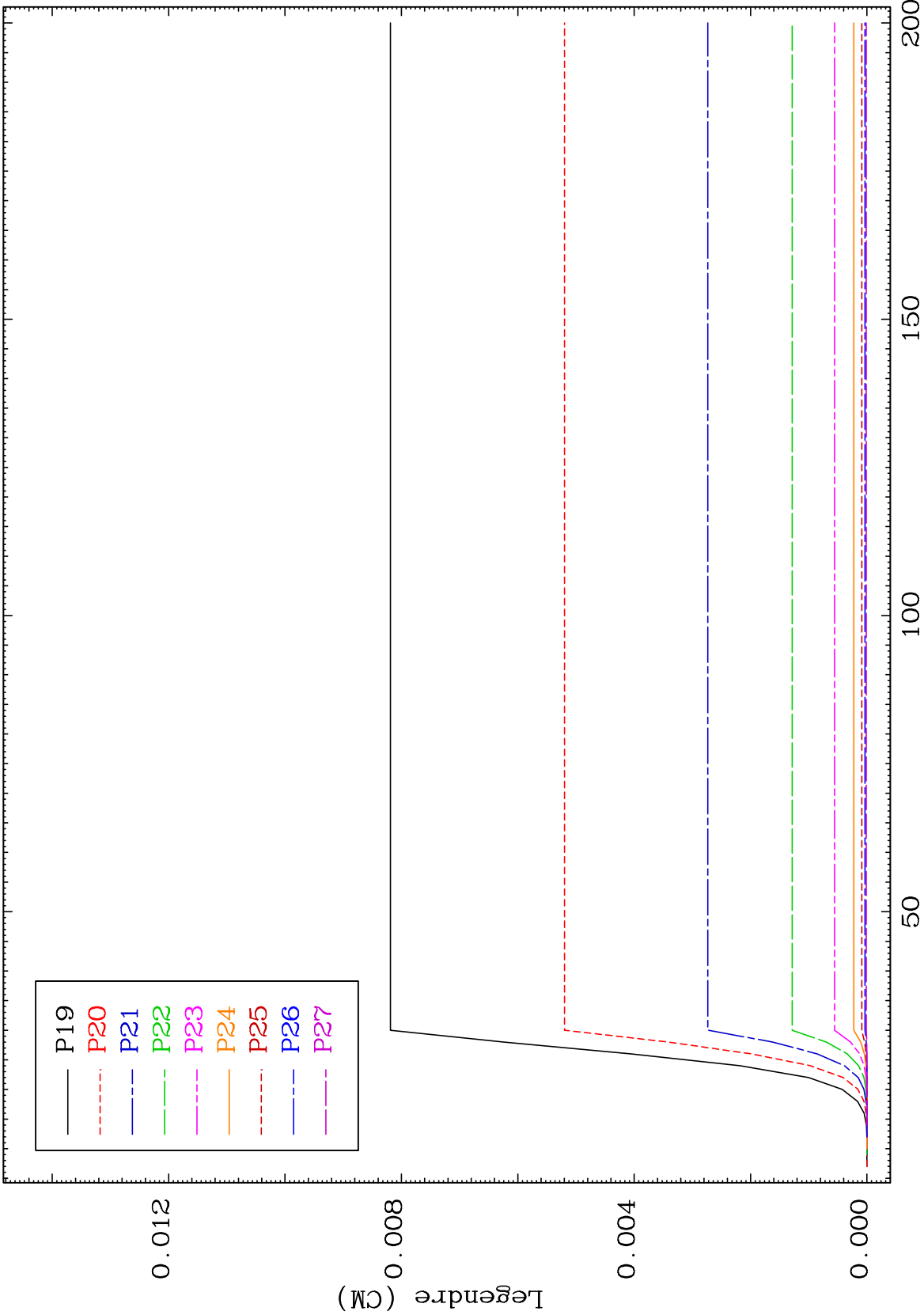
53-I -133



48

Incident Energy (MeV)

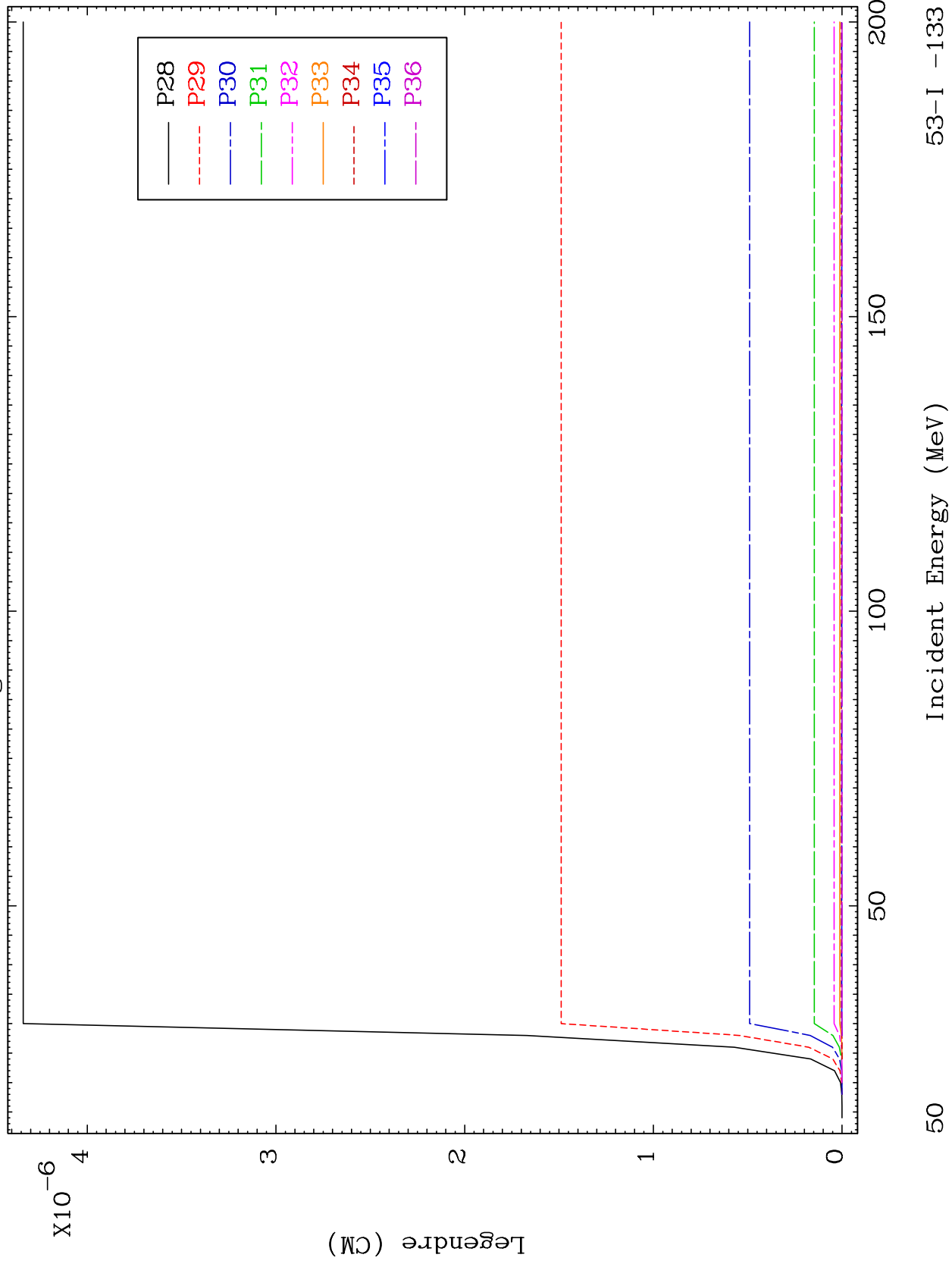
53-I -133



MAT 5343

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

53-I -133



53-I -133

Incident Energy (MeV)

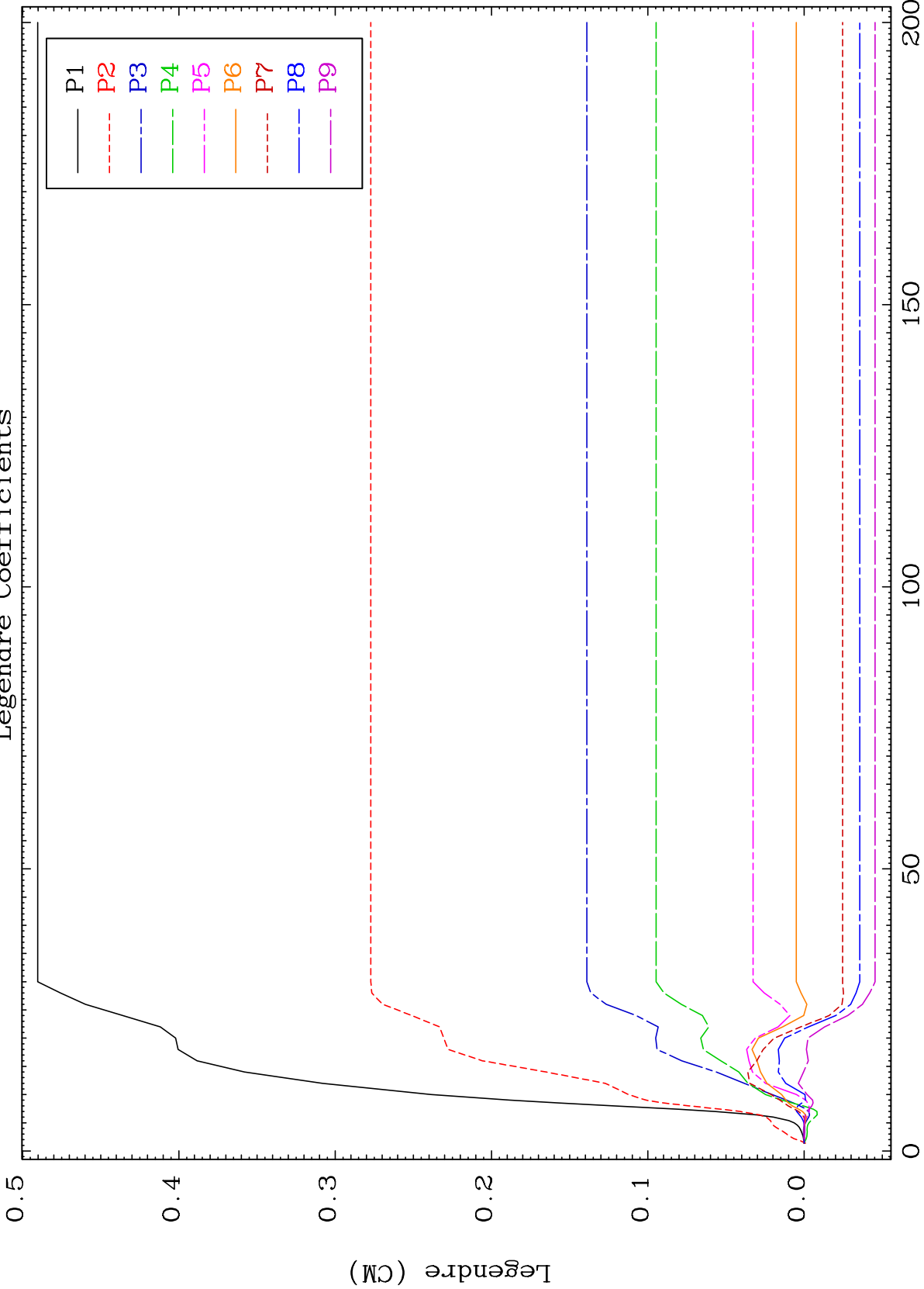
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MAT 5343

MT= 59 (n,n') Level

53-I -133

Legendre Coefficients



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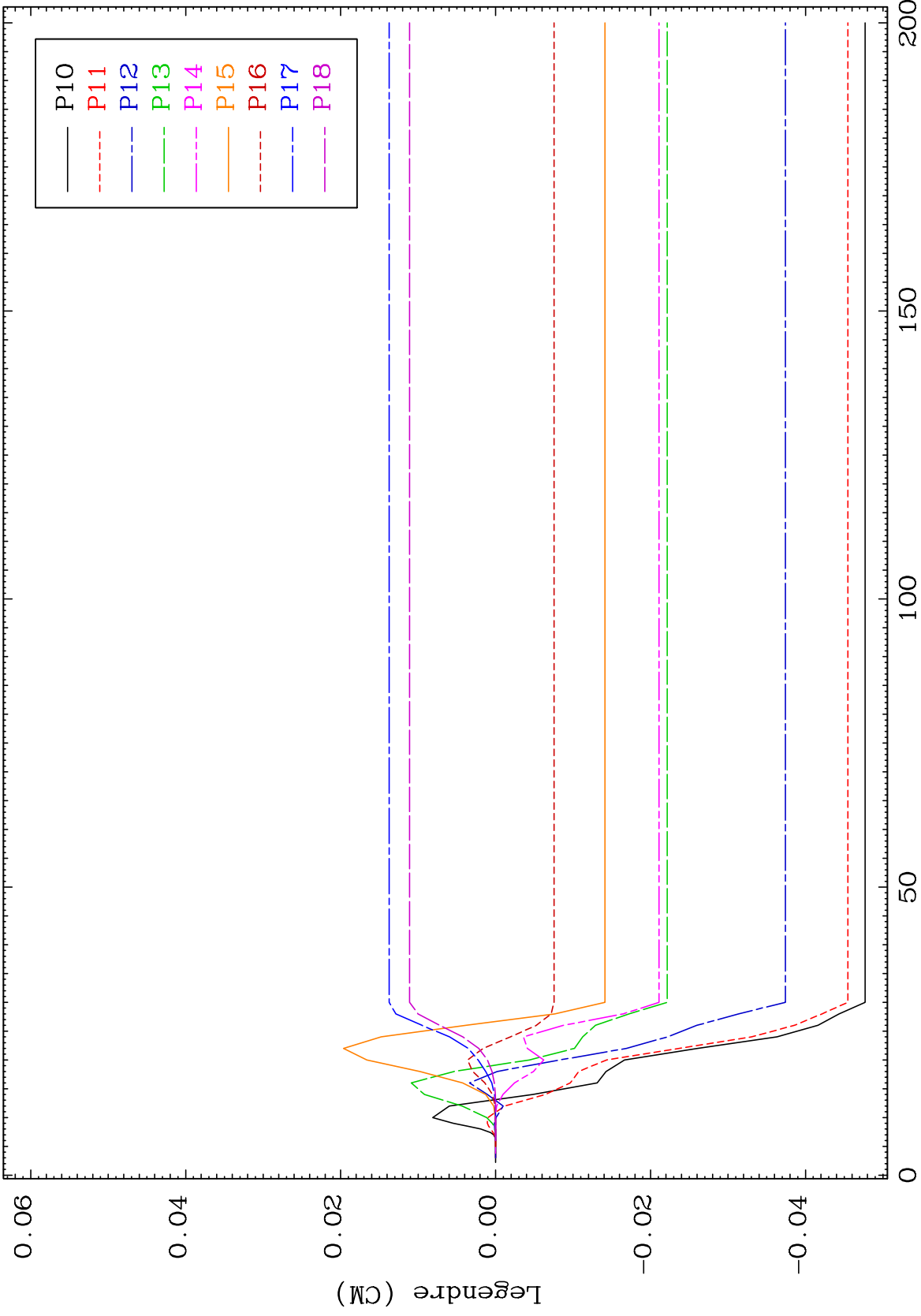
Incident Energy (MeV)

53-I -133

MAT 5343

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

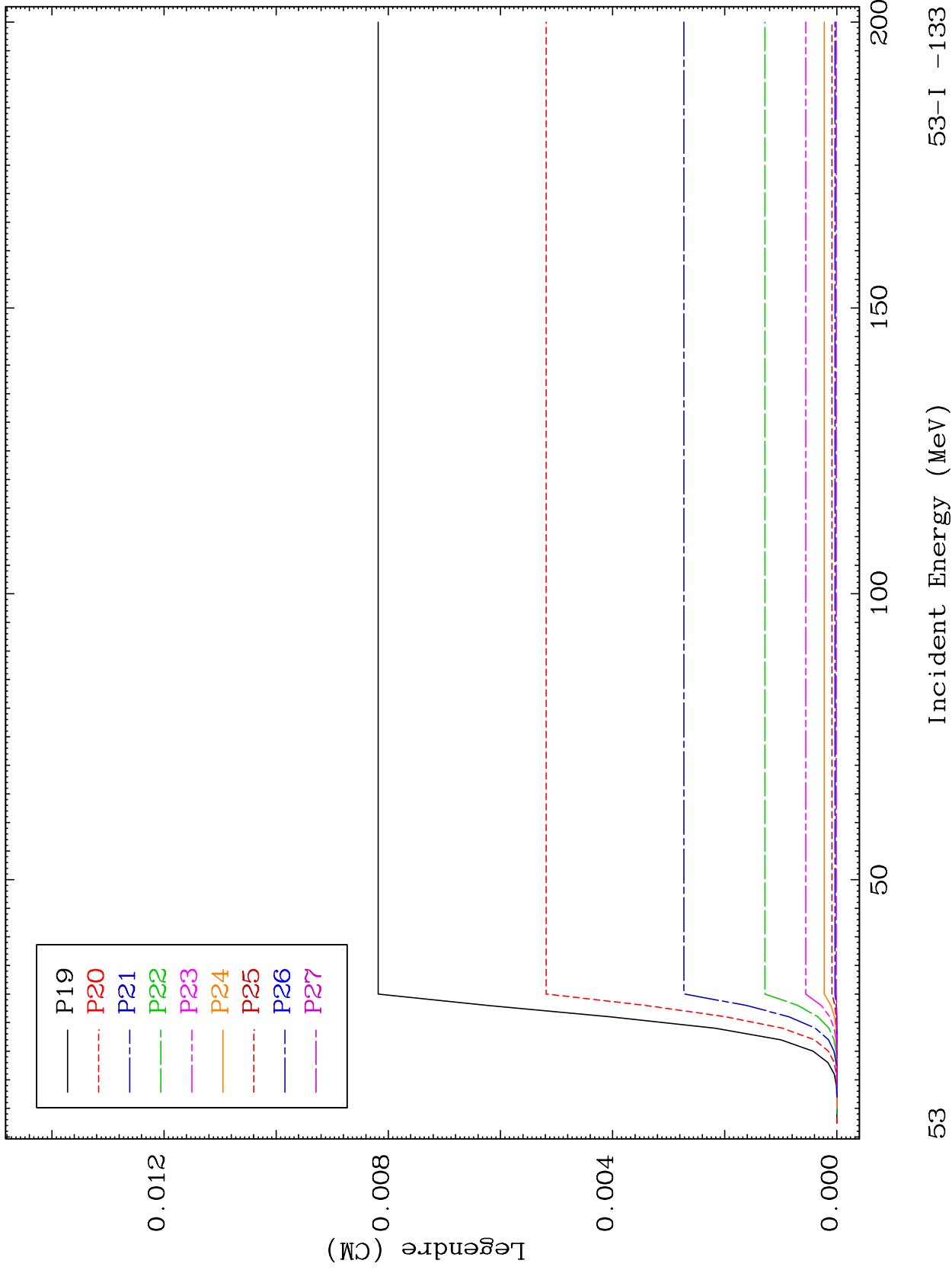
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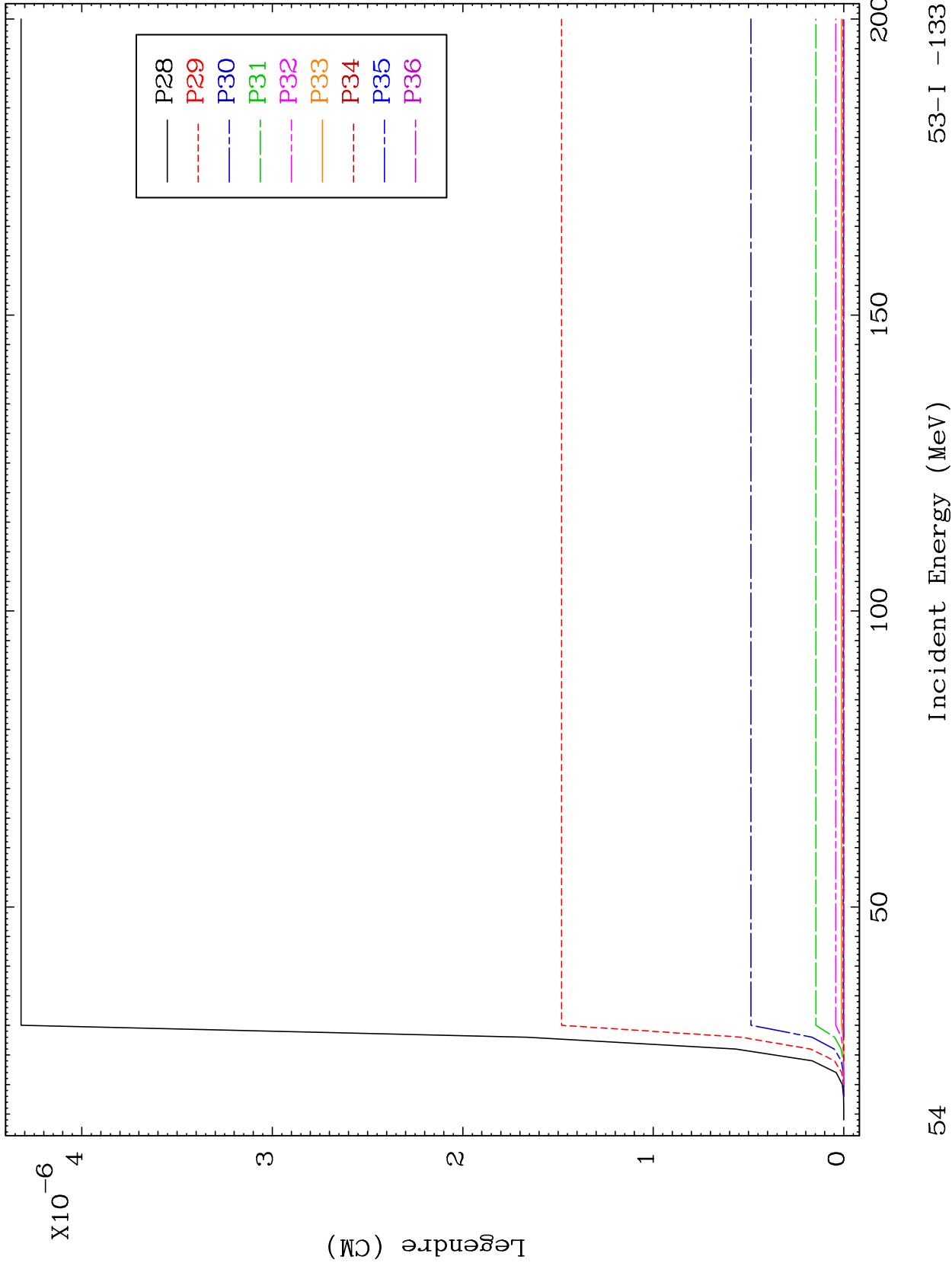


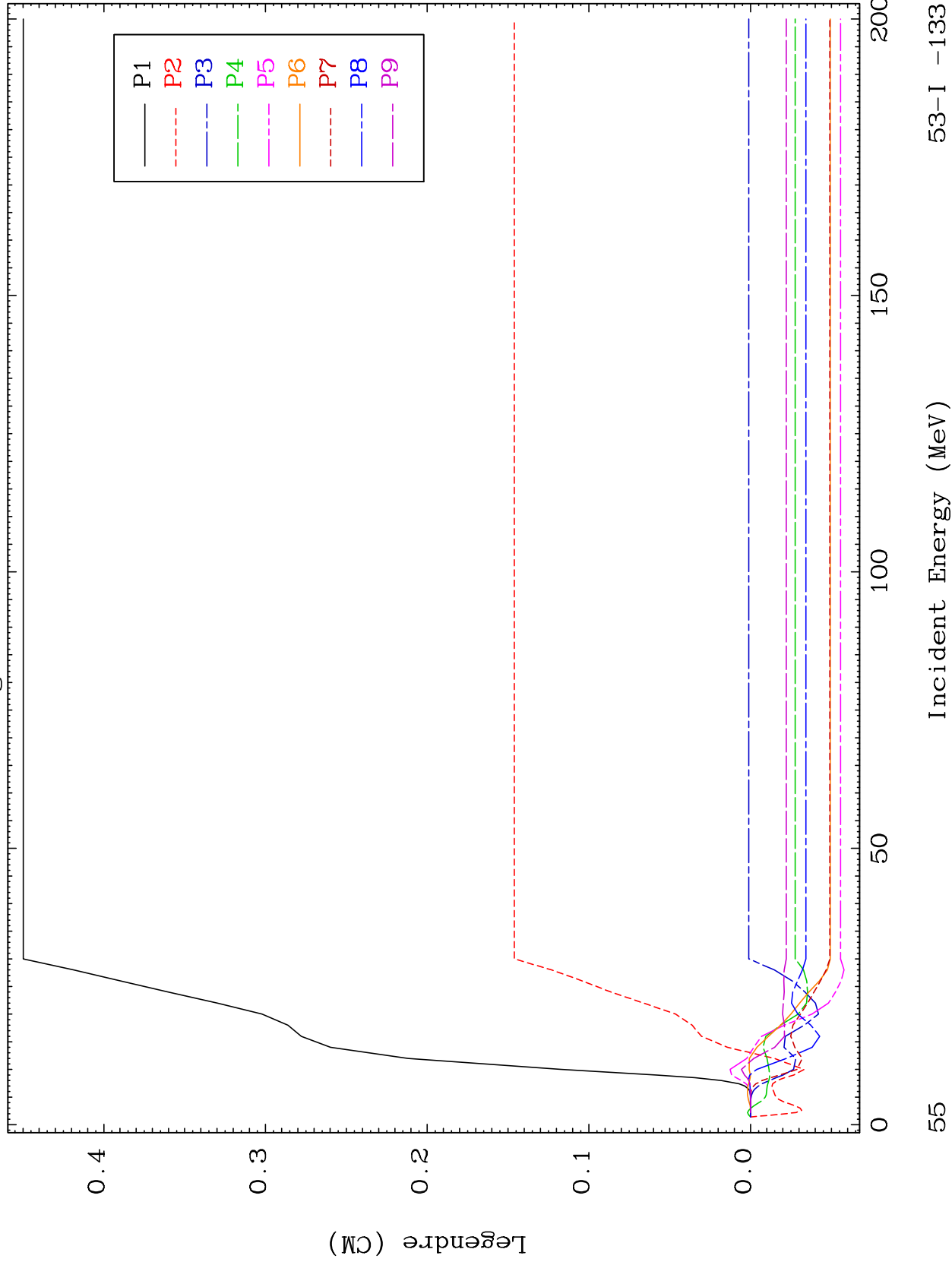
52

Incident Energy (MeV)

53-I -133



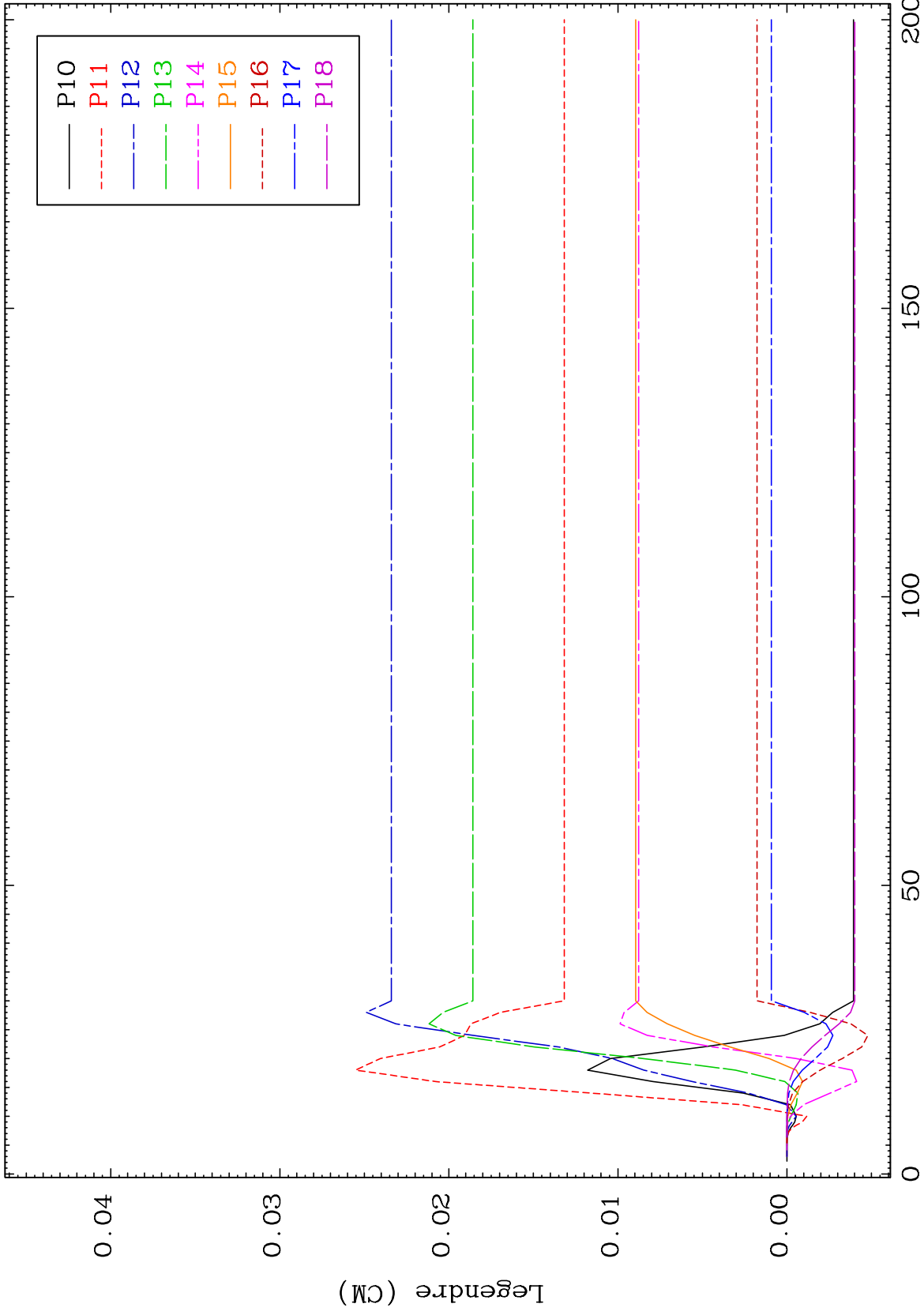




MAT 5343

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

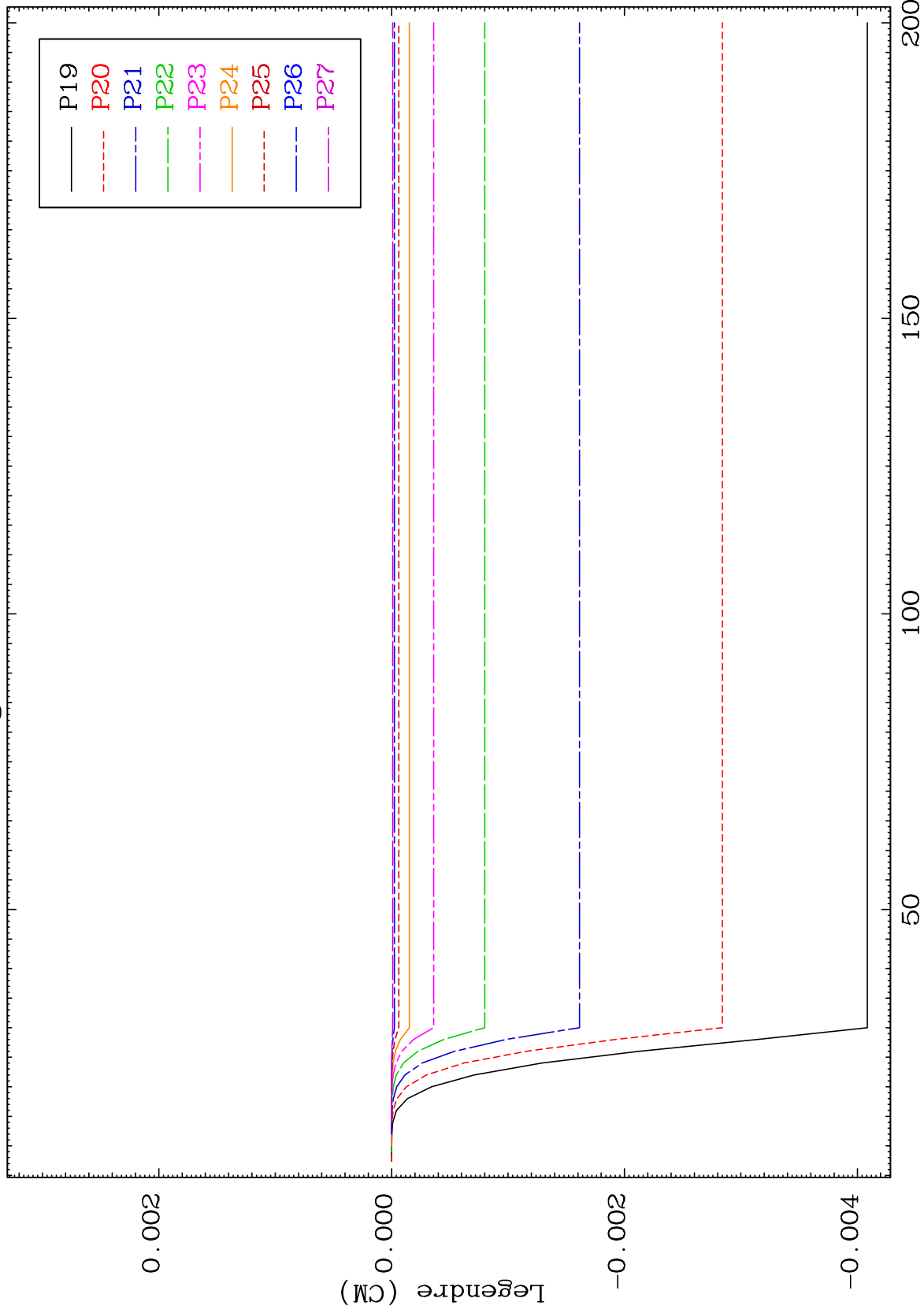
53-I -133



56

Incident Energy (MeV)

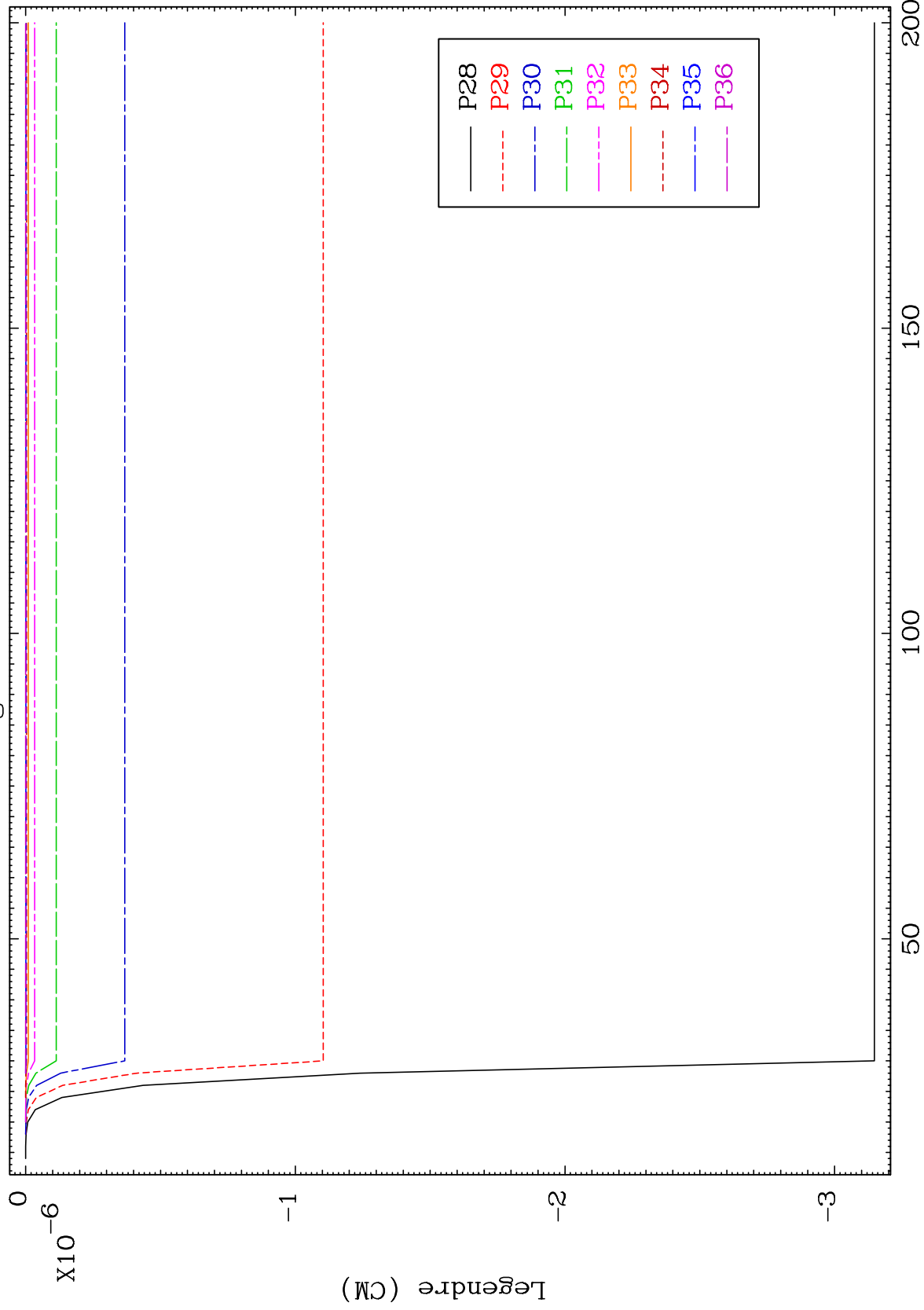
53-I -133



MAT 5343

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

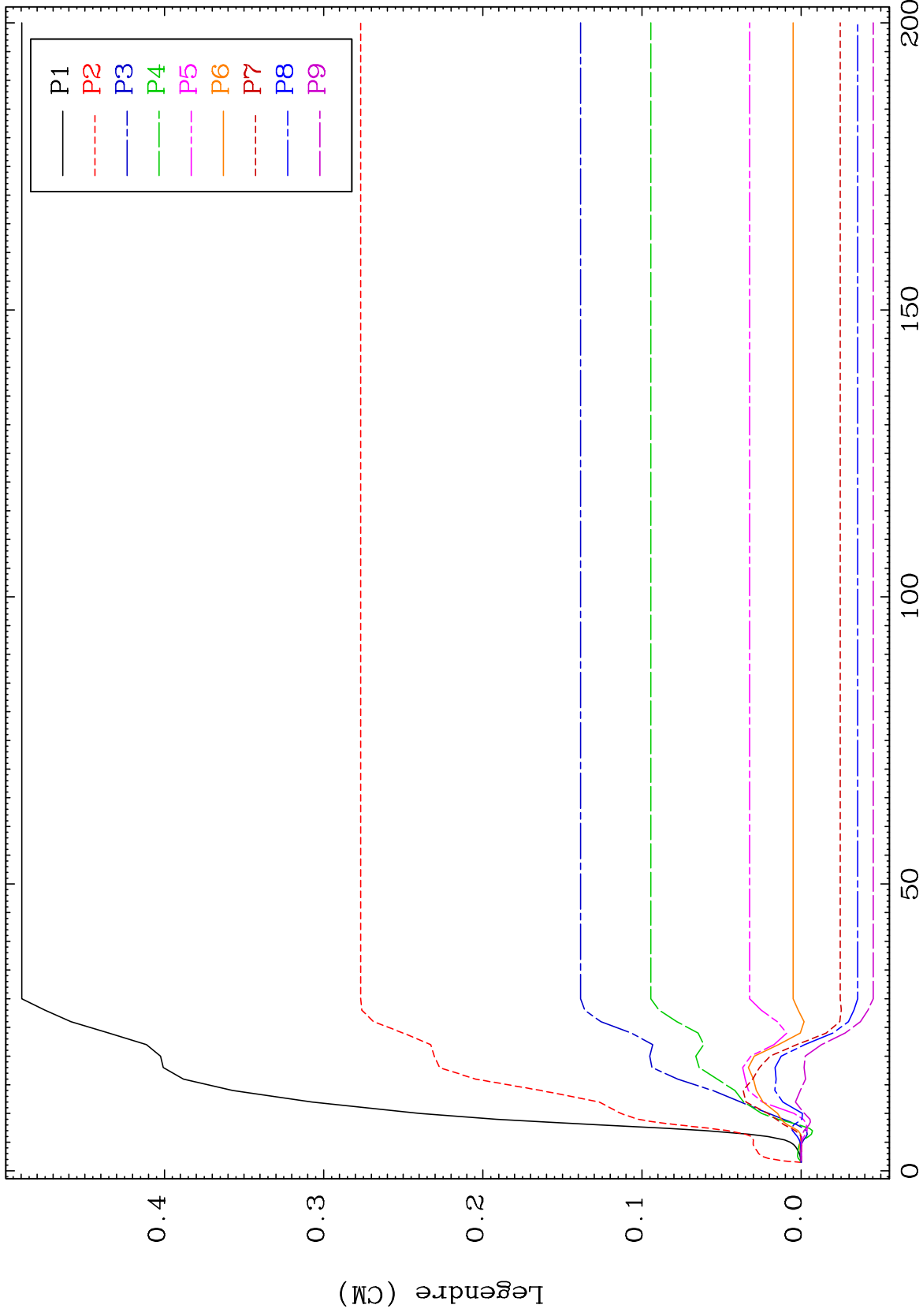
53-I -133



58

Incident Energy (MeV)

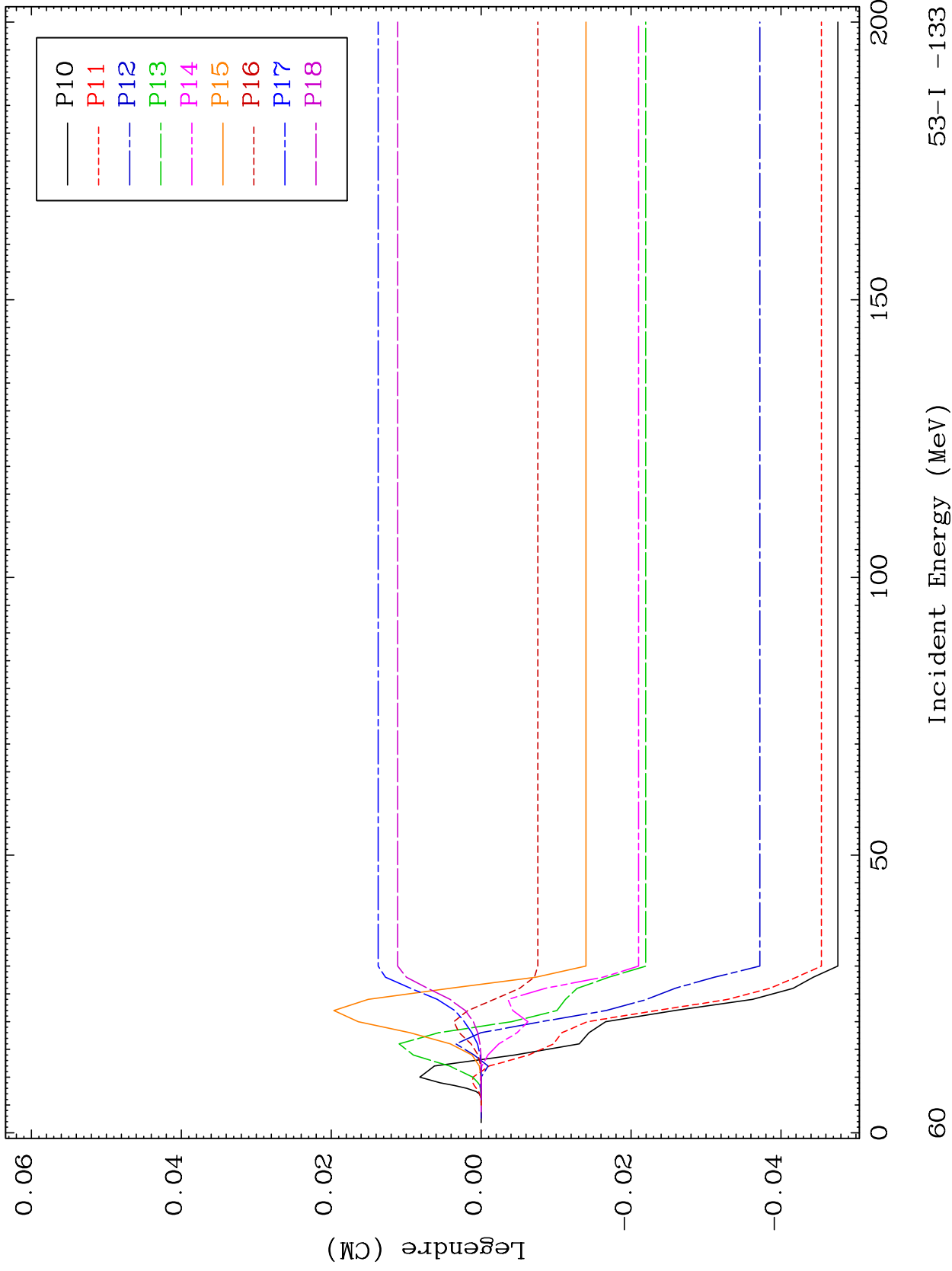
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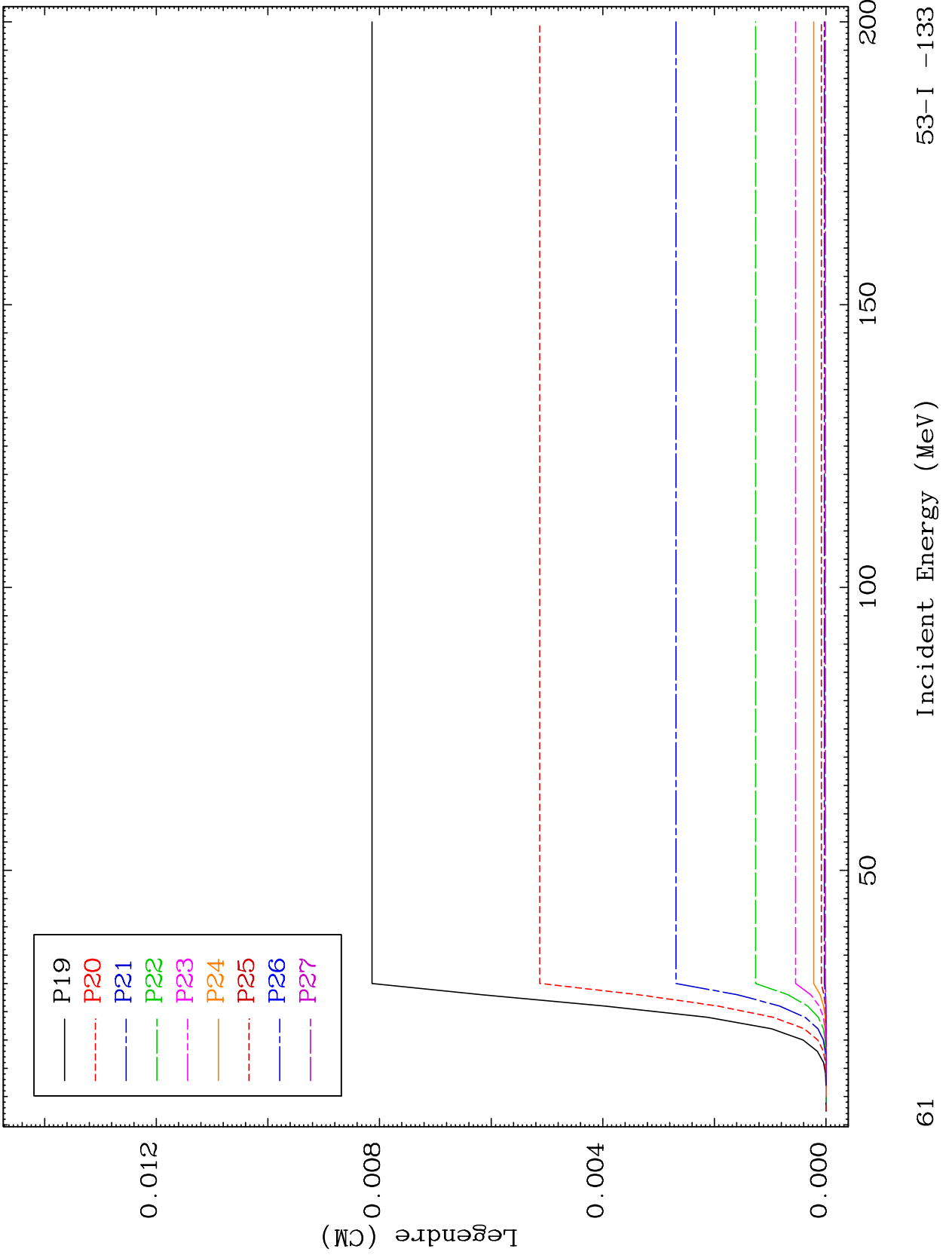


MAT 5343

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

53-I -133

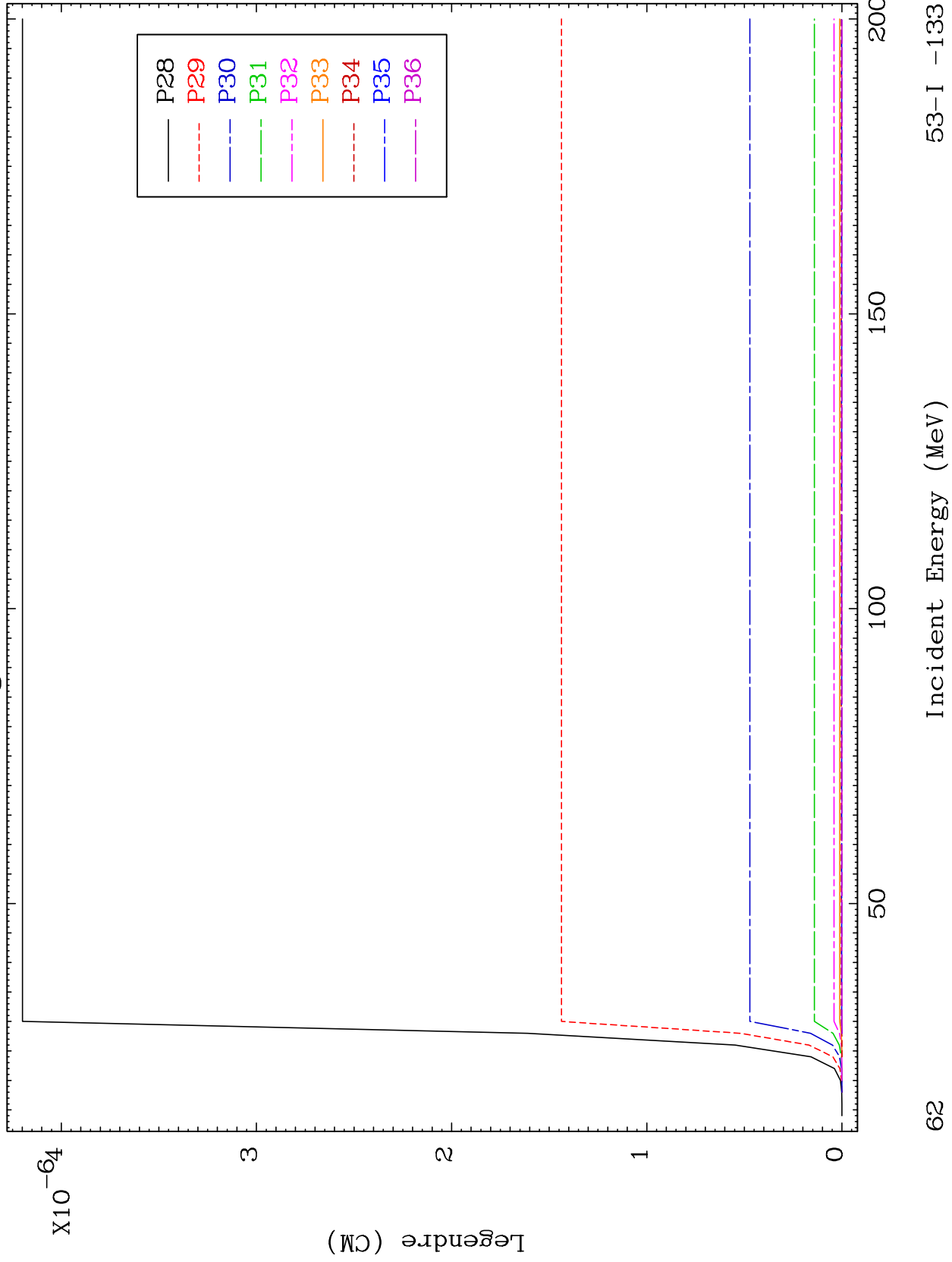




MAT 5343

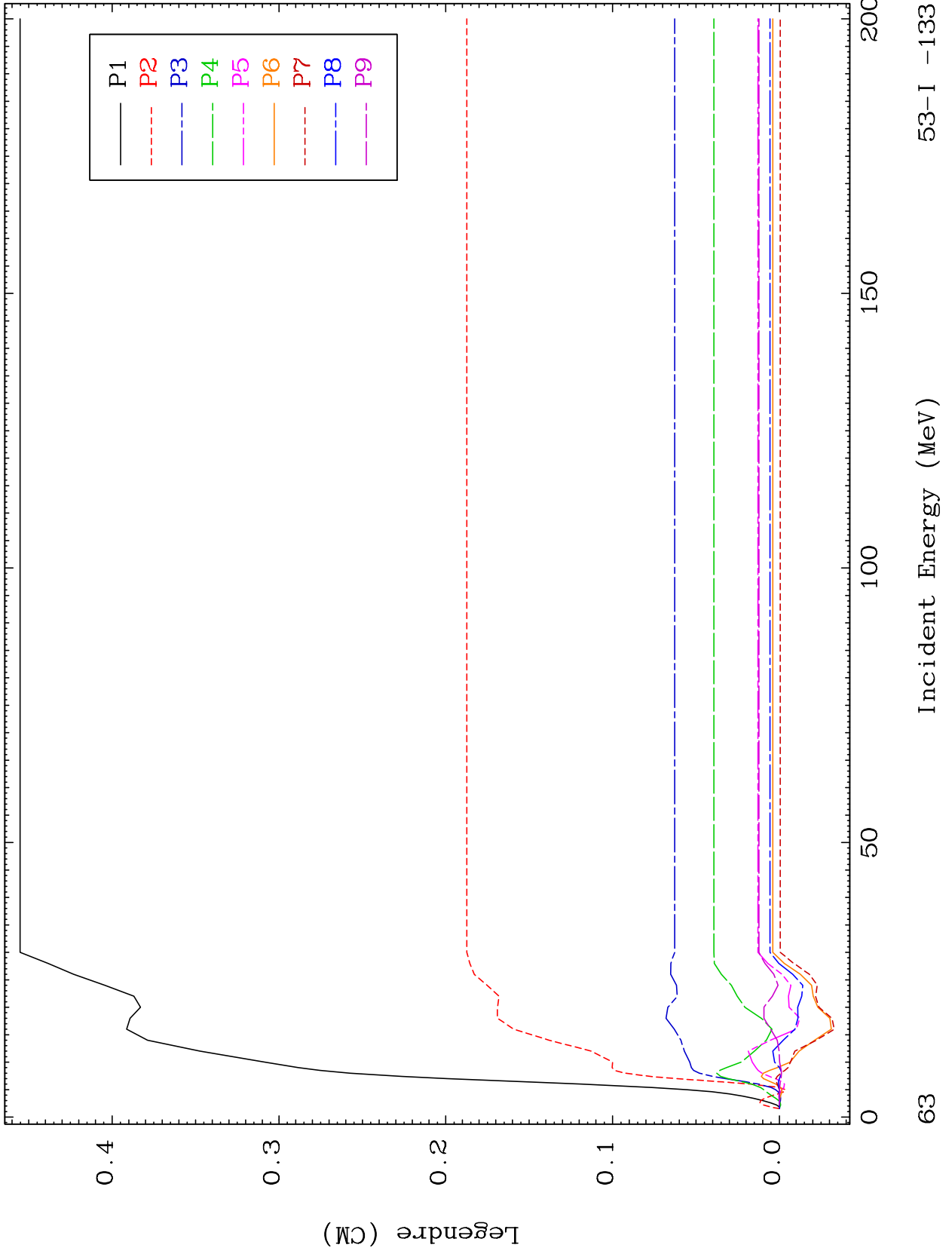
MT= 61 (n,n') Level
Legendre Coefficients

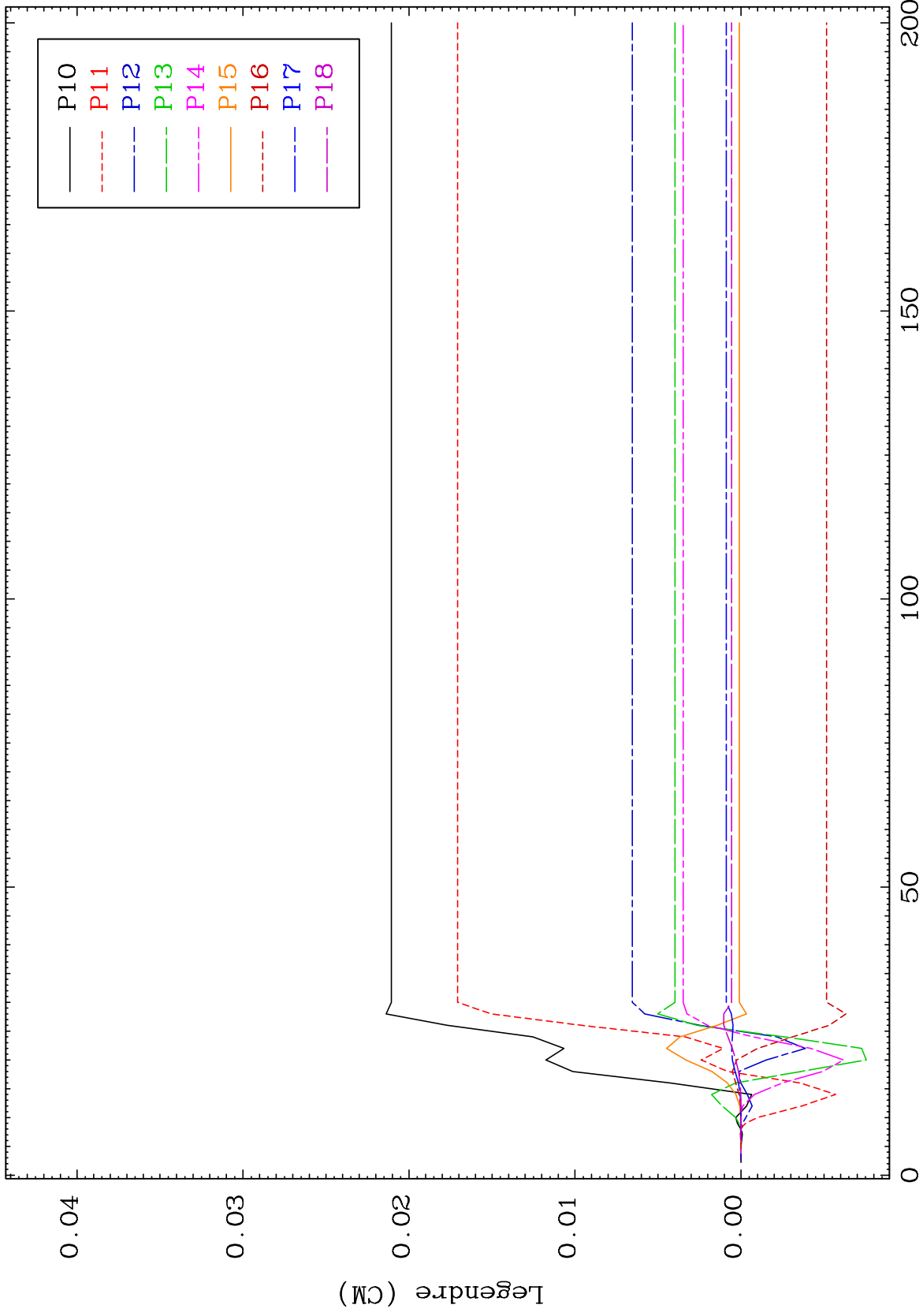
53-I -133



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53-I -133

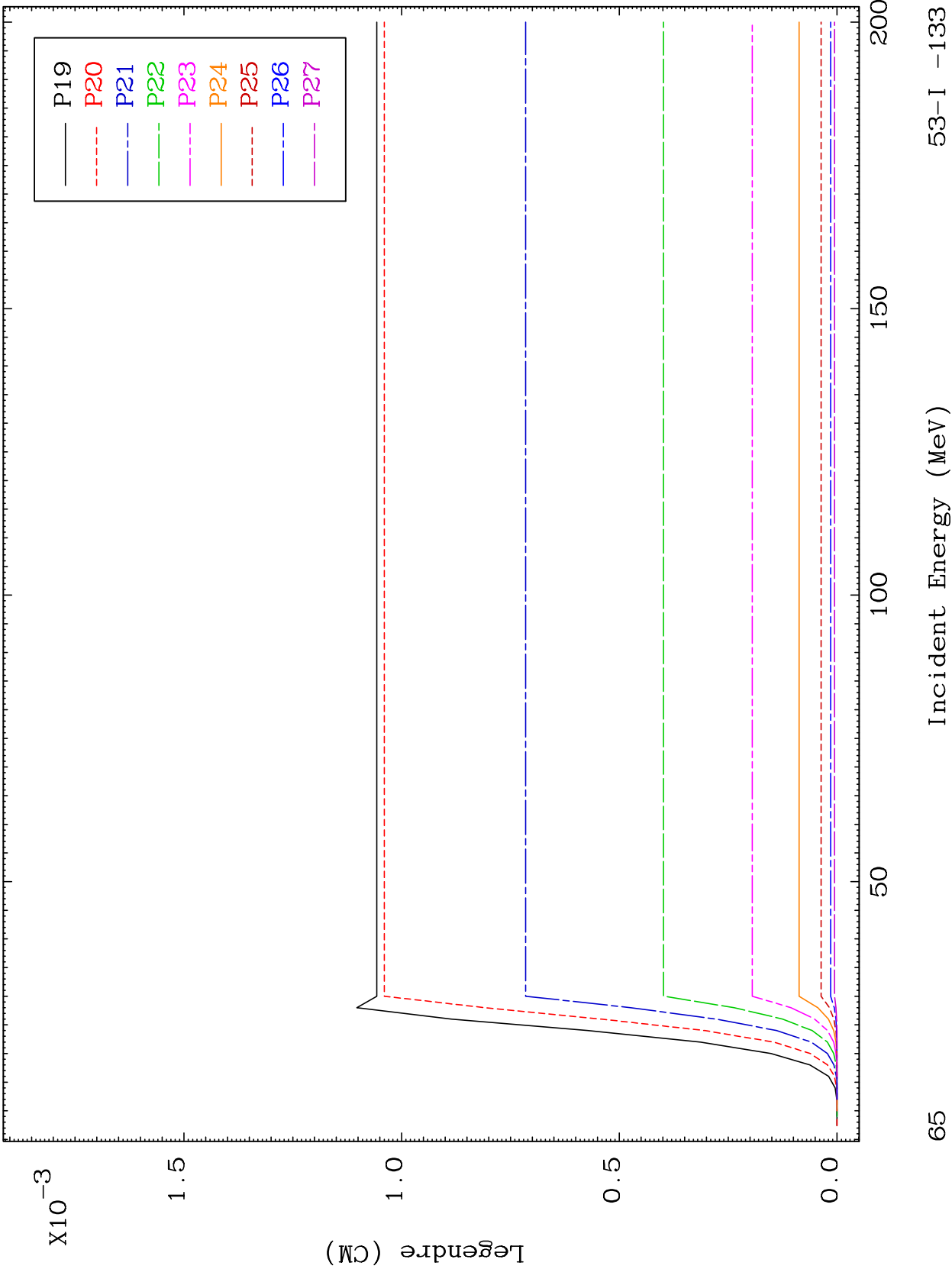




MAT 5343

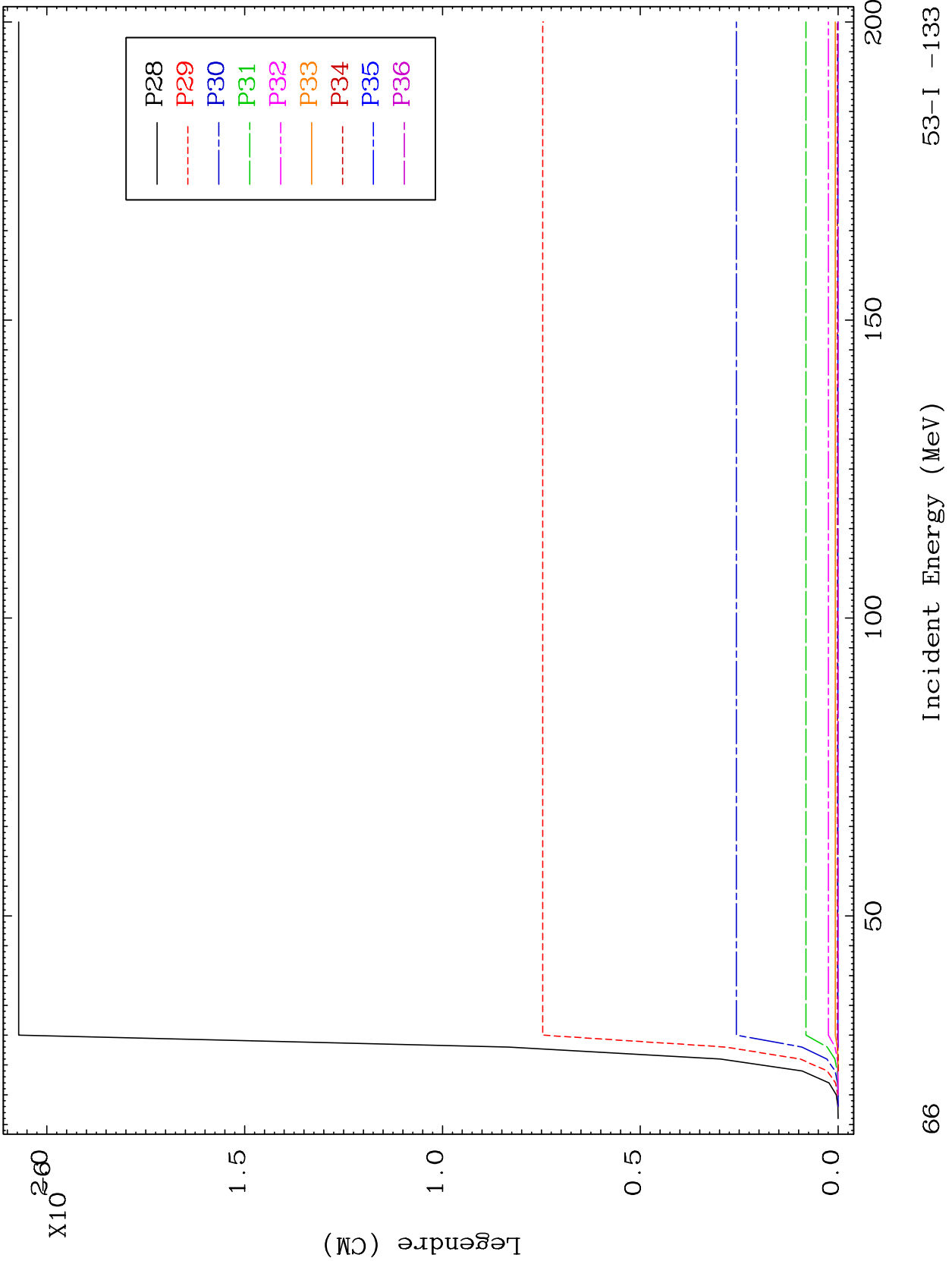
MT= 62 (n,n') Level
Legendre Coefficients

53-I -133



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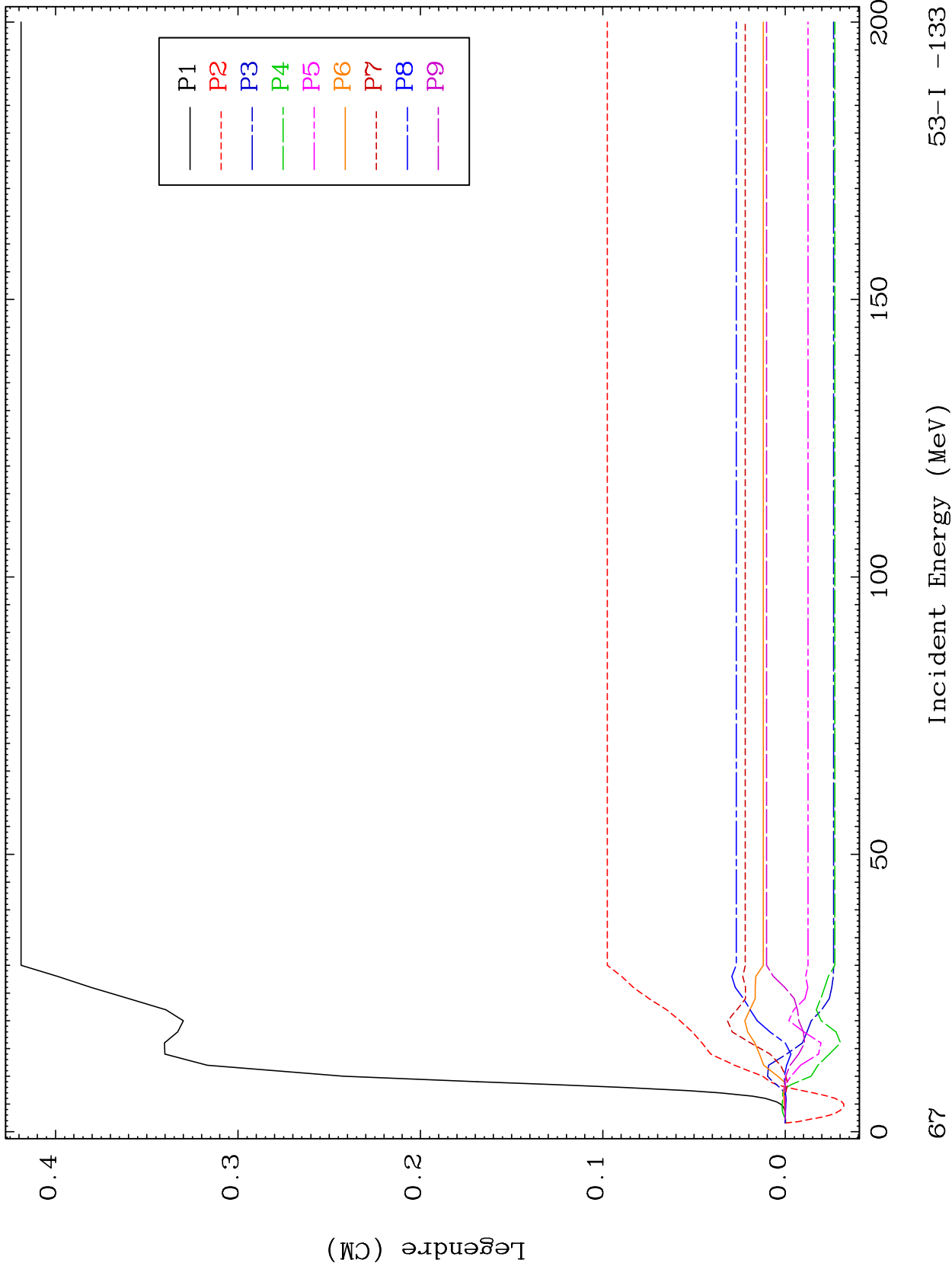
53-I -133



MAT 5343

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

53-I -133



53-I -133

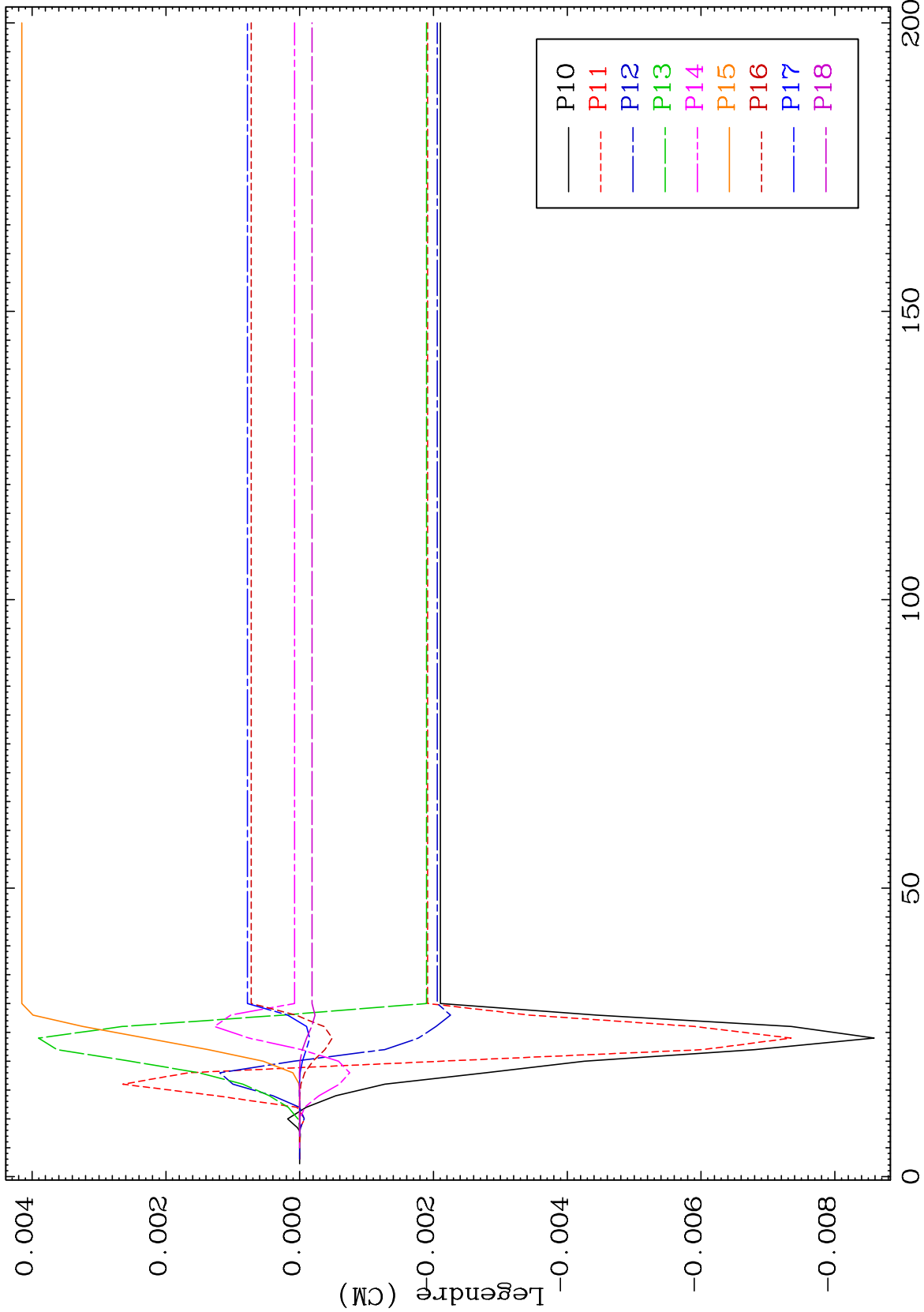
Incident Energy (MeV)

67

MAT 5343

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

53-I -133



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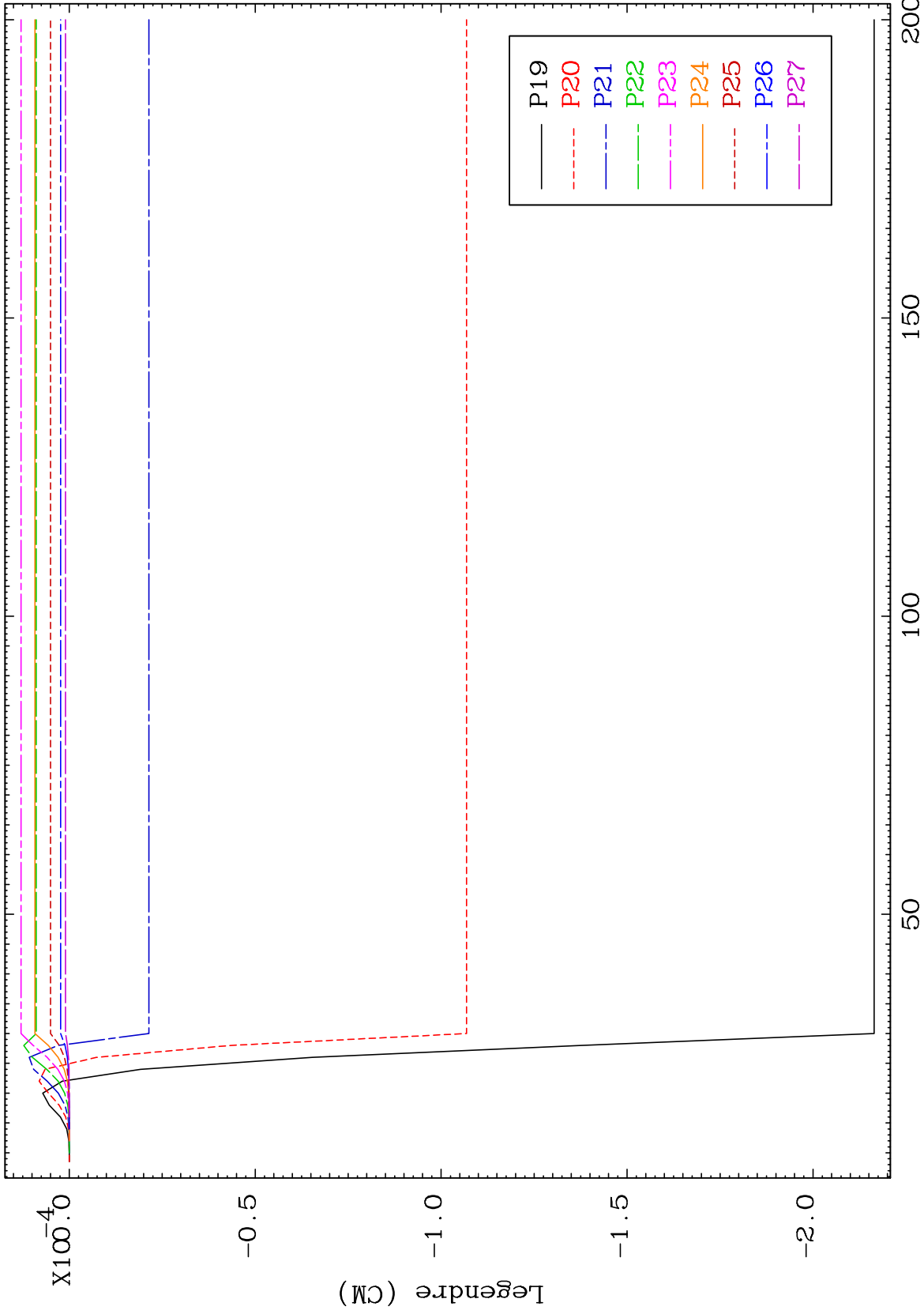
Incident Energy (MeV)

53-I -133

MAT 5343

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

53-I -133



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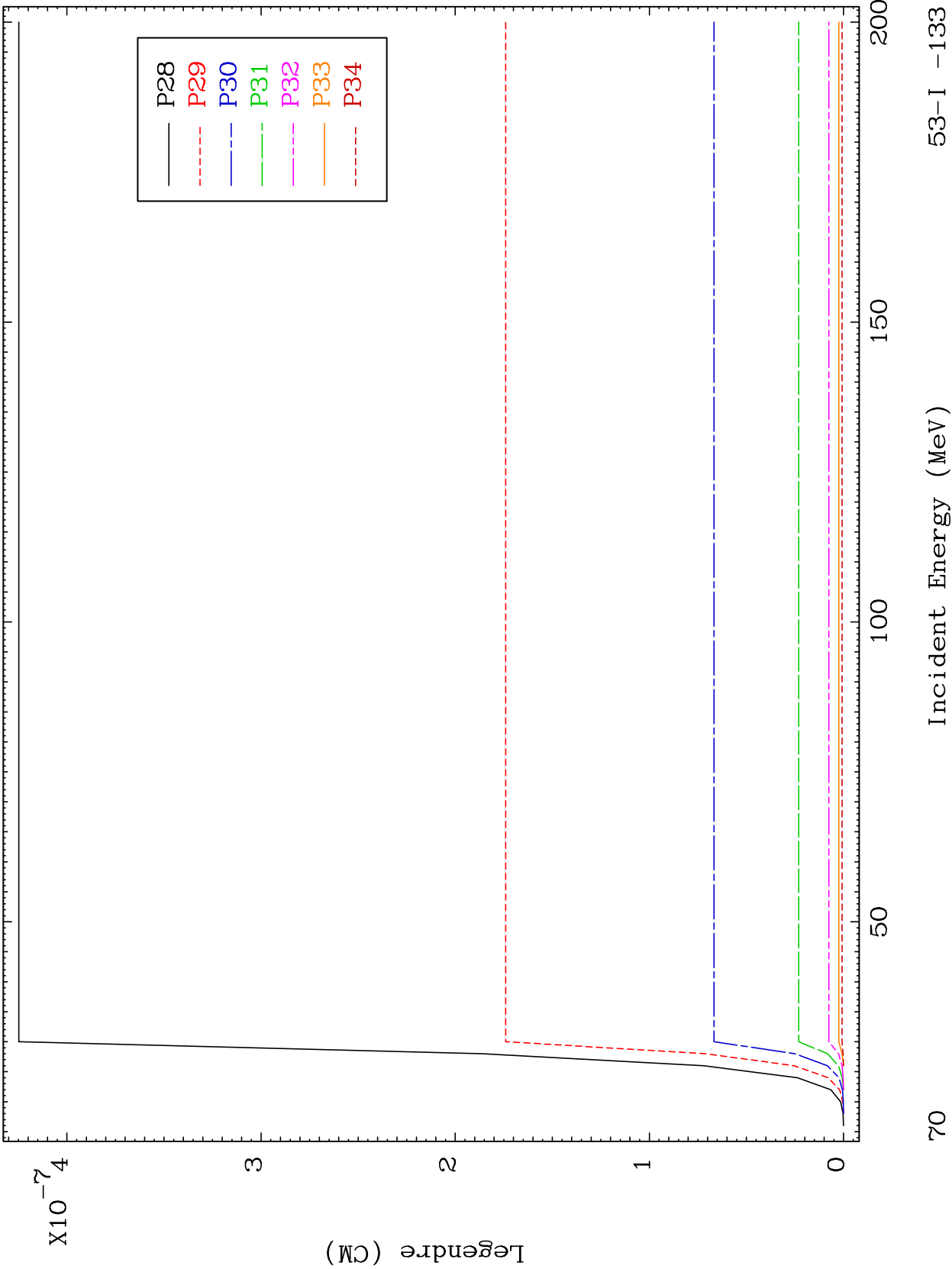
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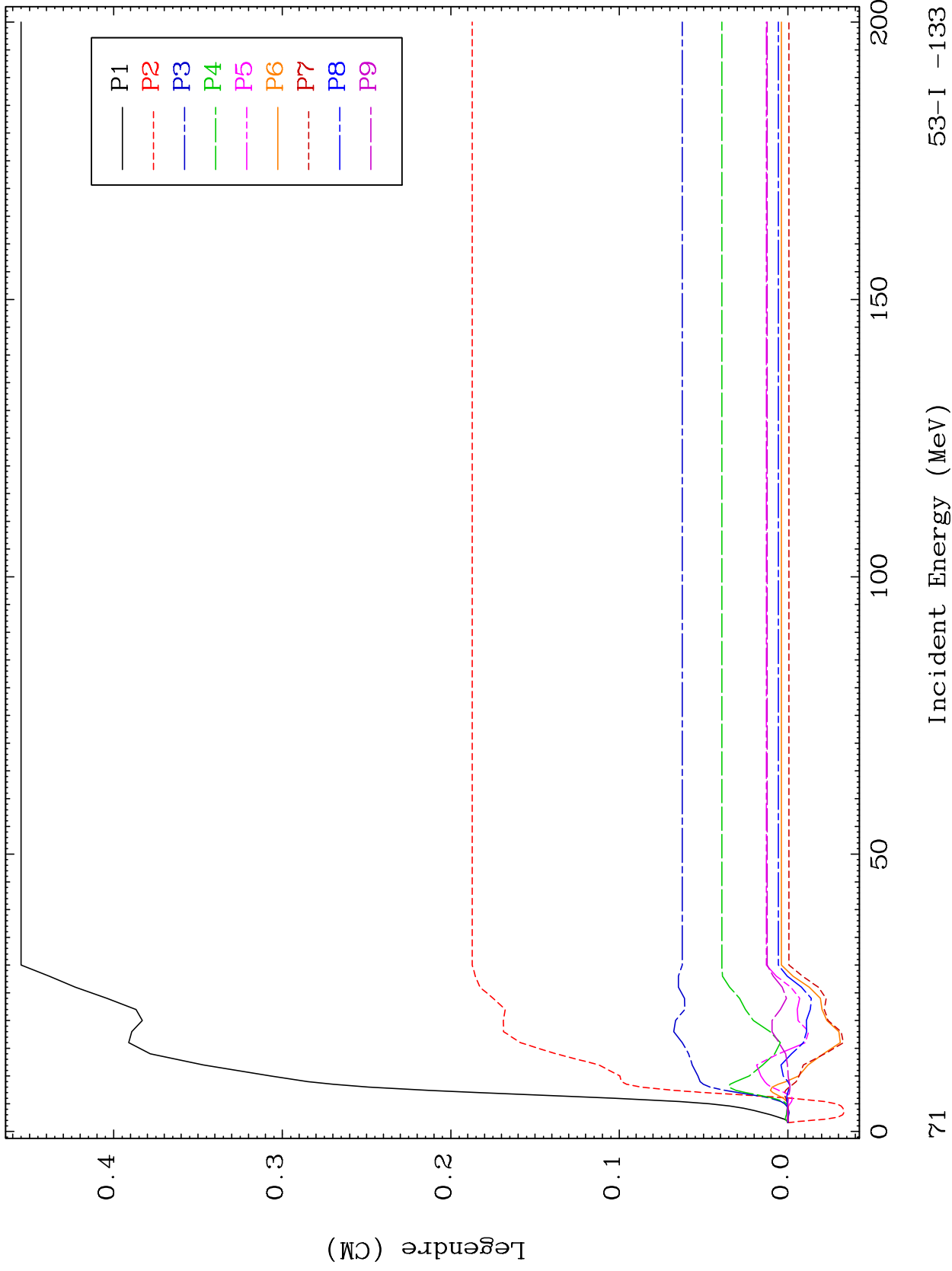
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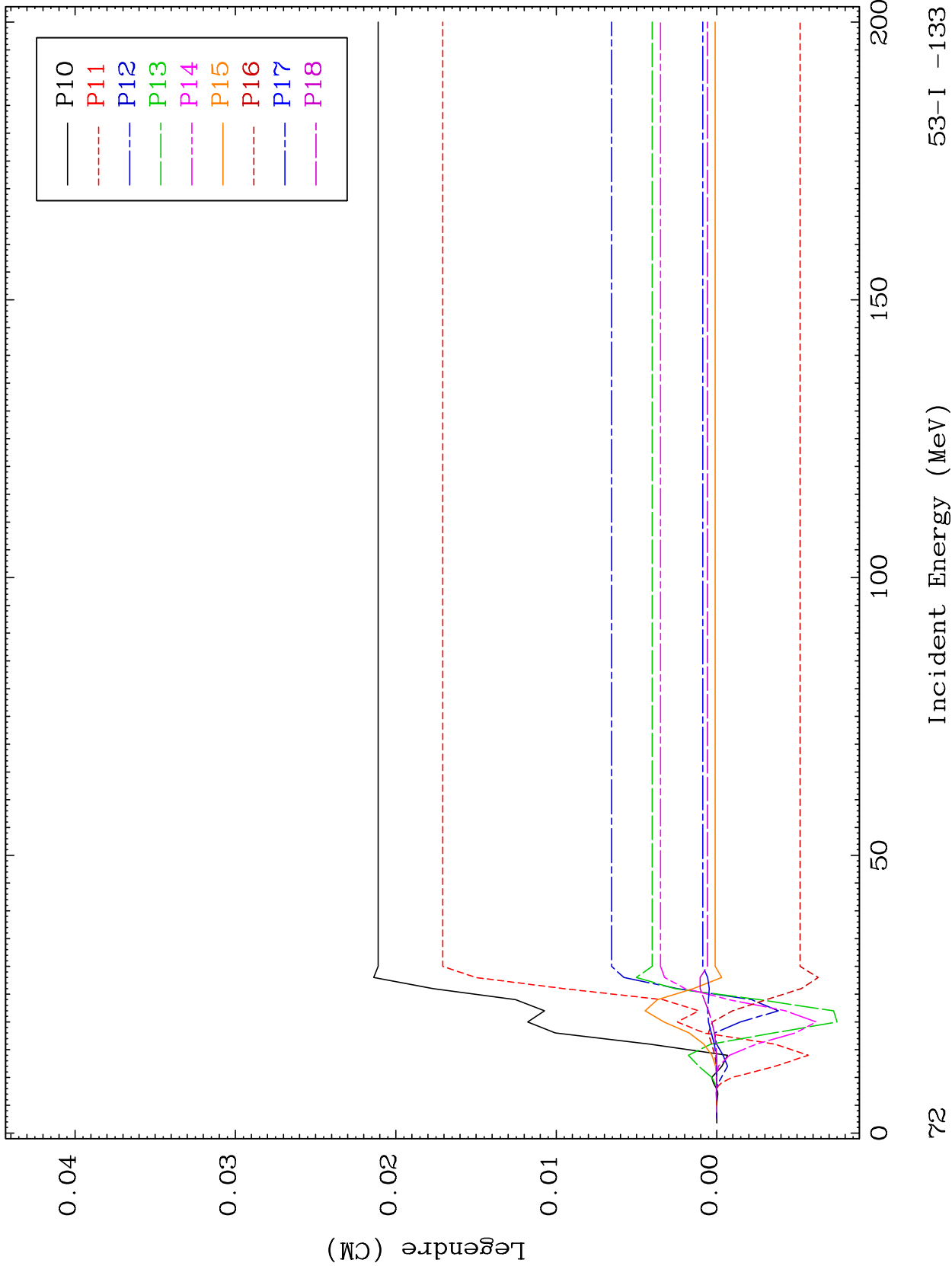
MAT 5343

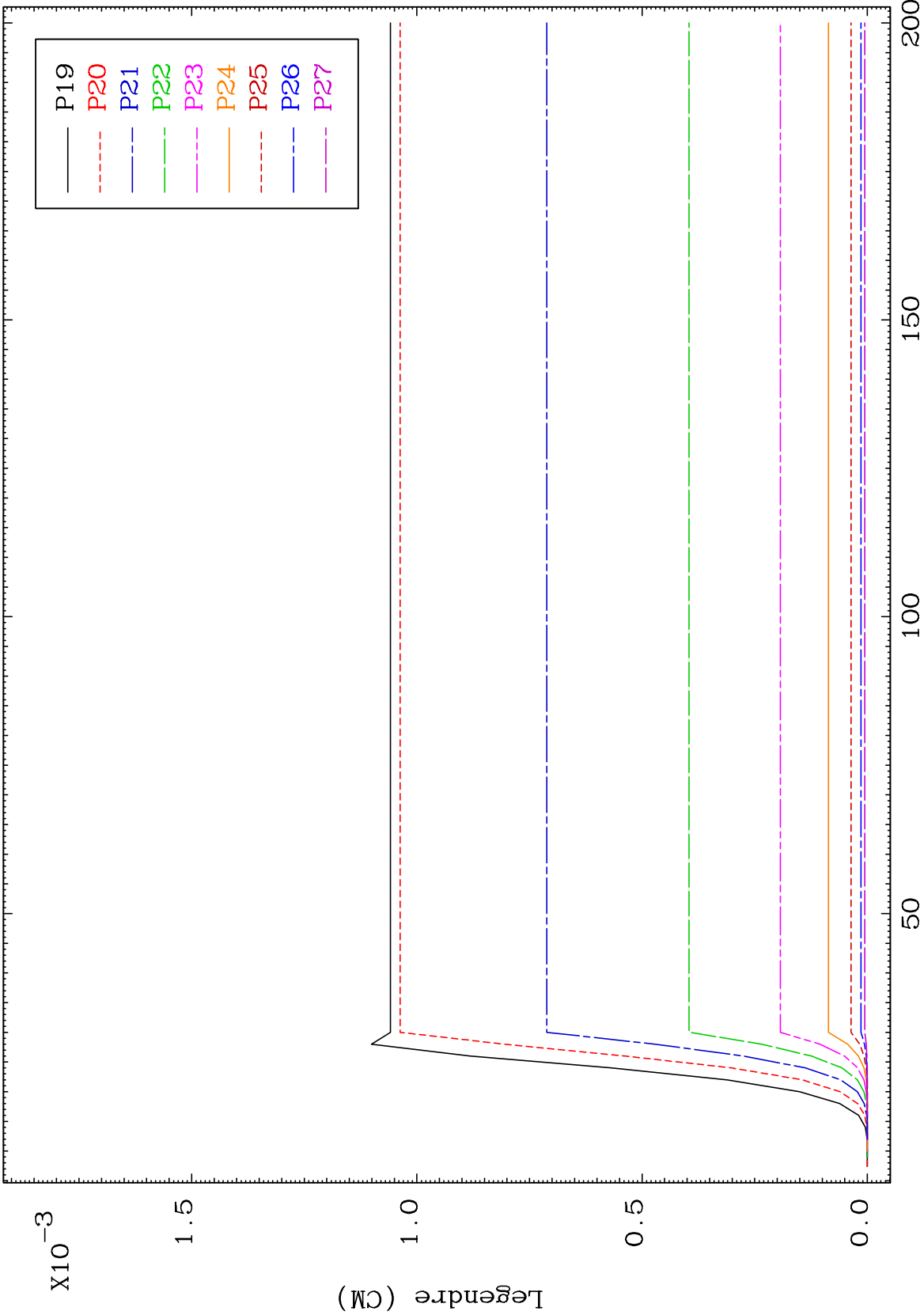
MT= 63 (n,n') Level
Legendre Coefficients

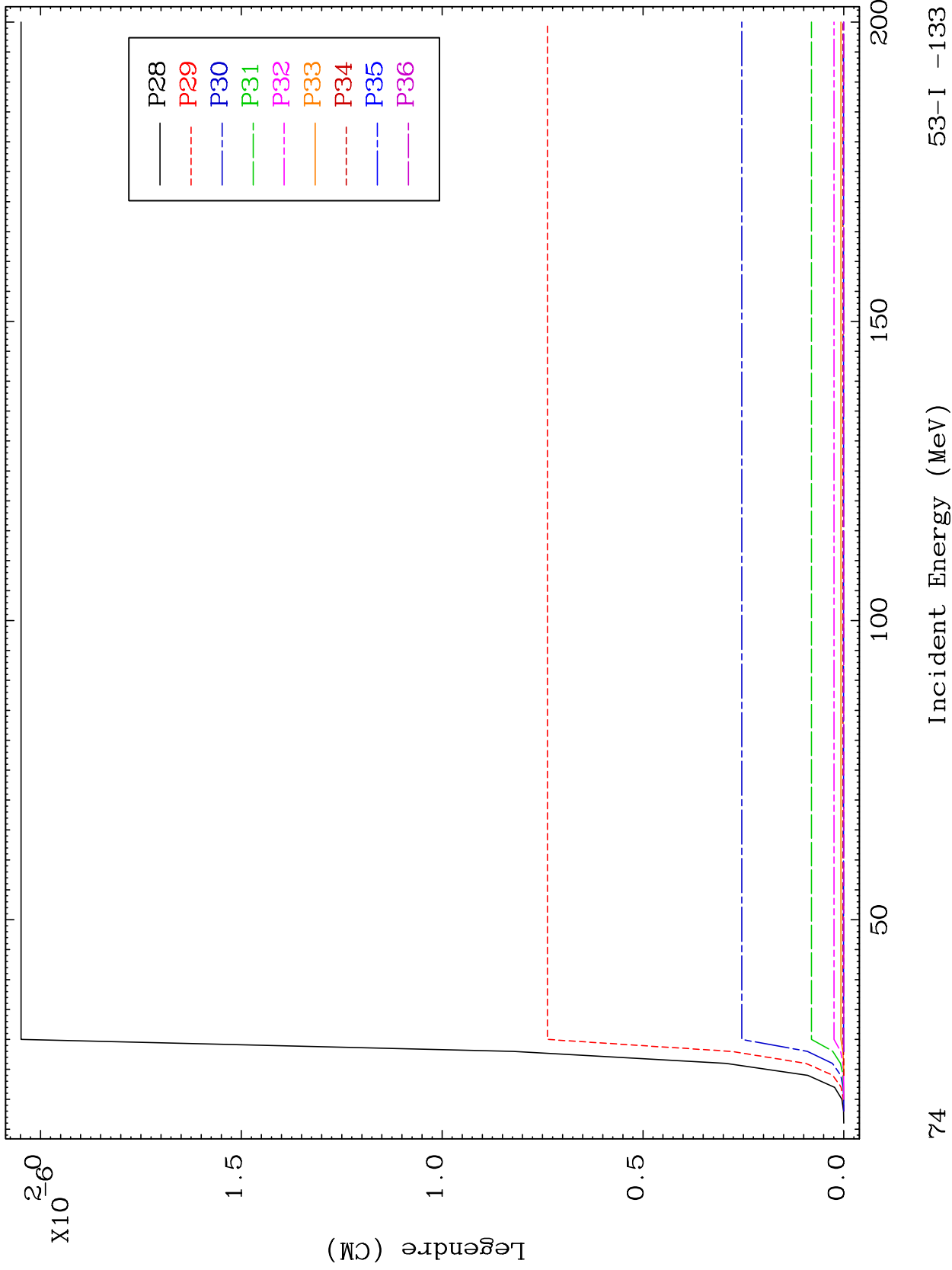
53-I -133

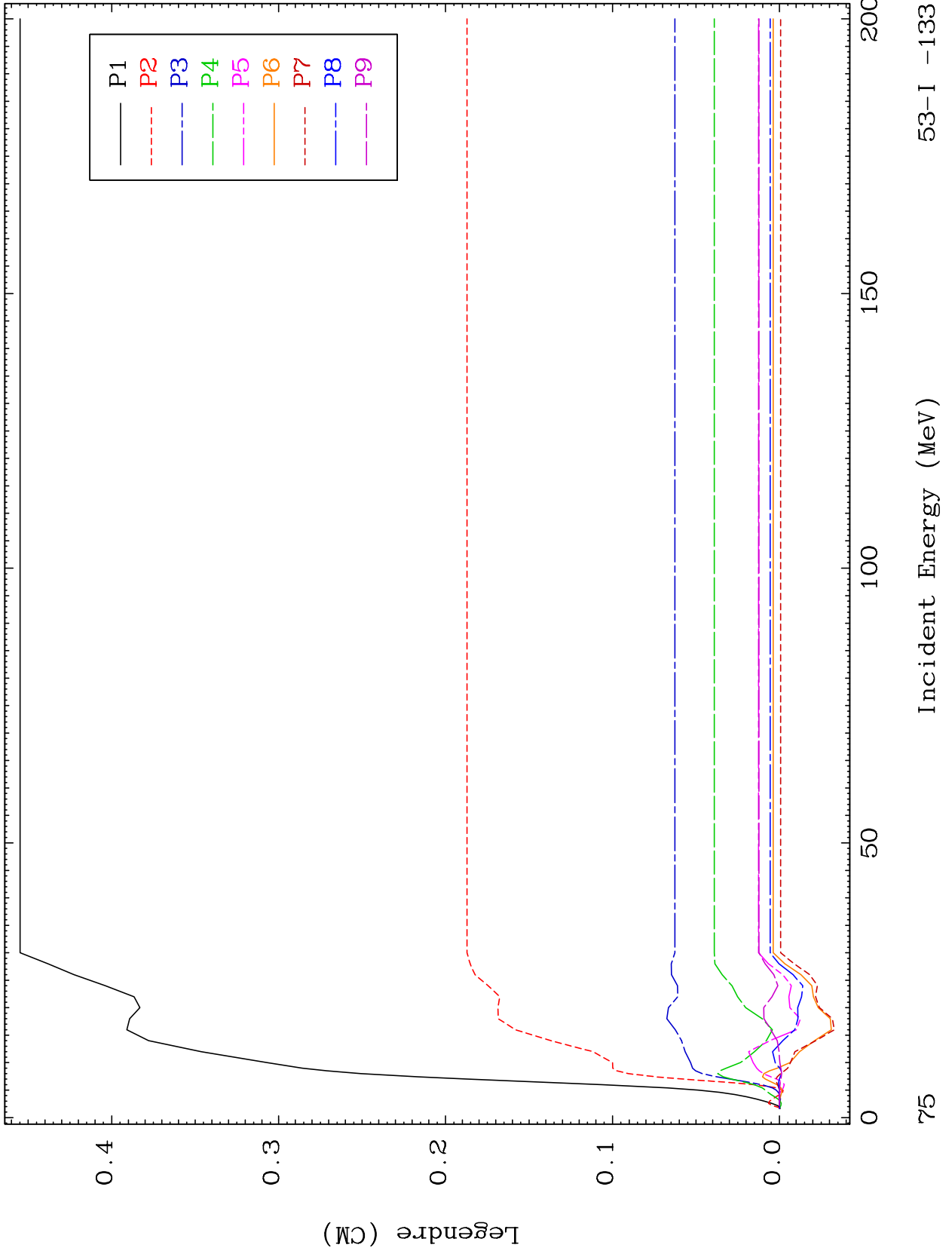


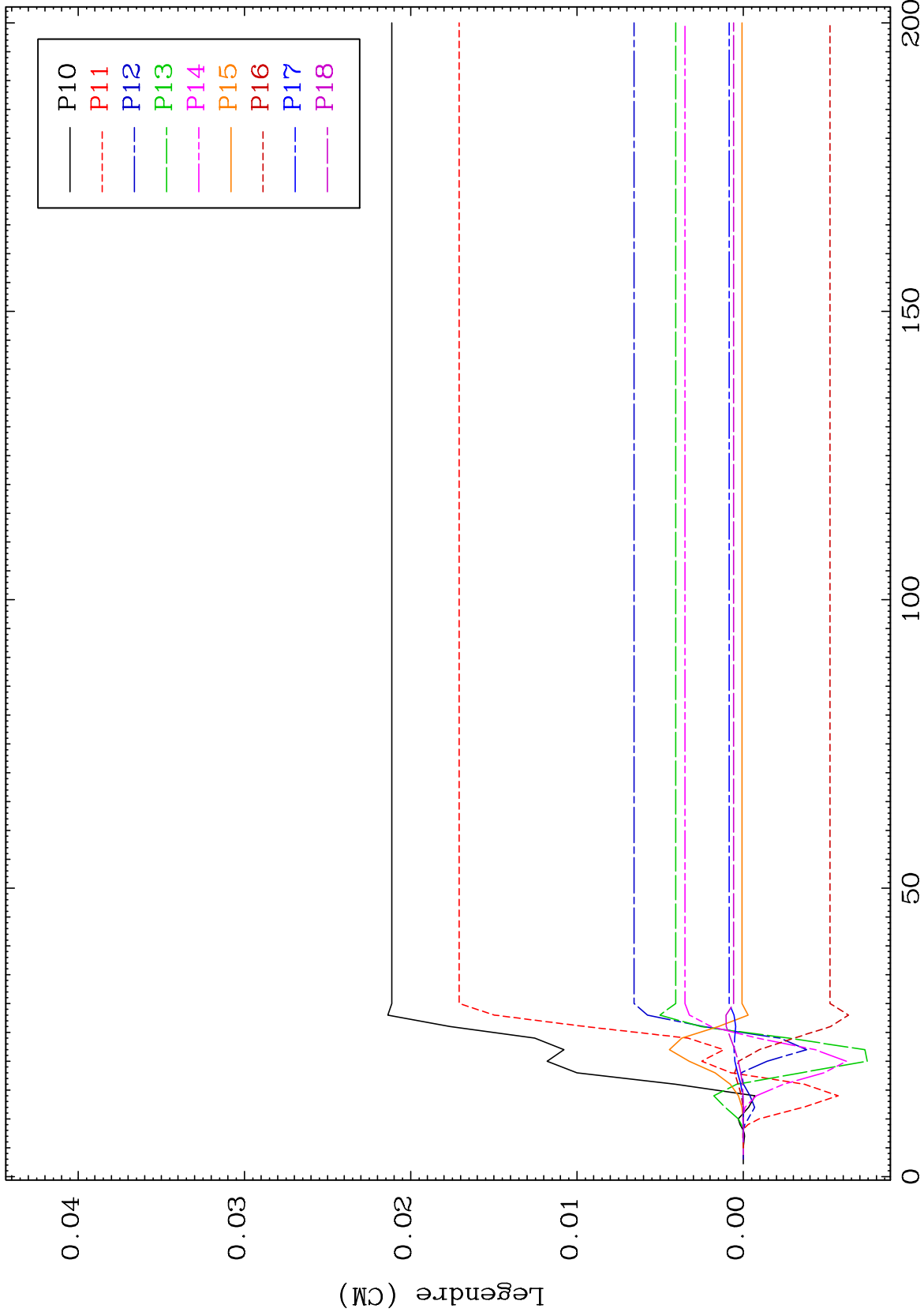


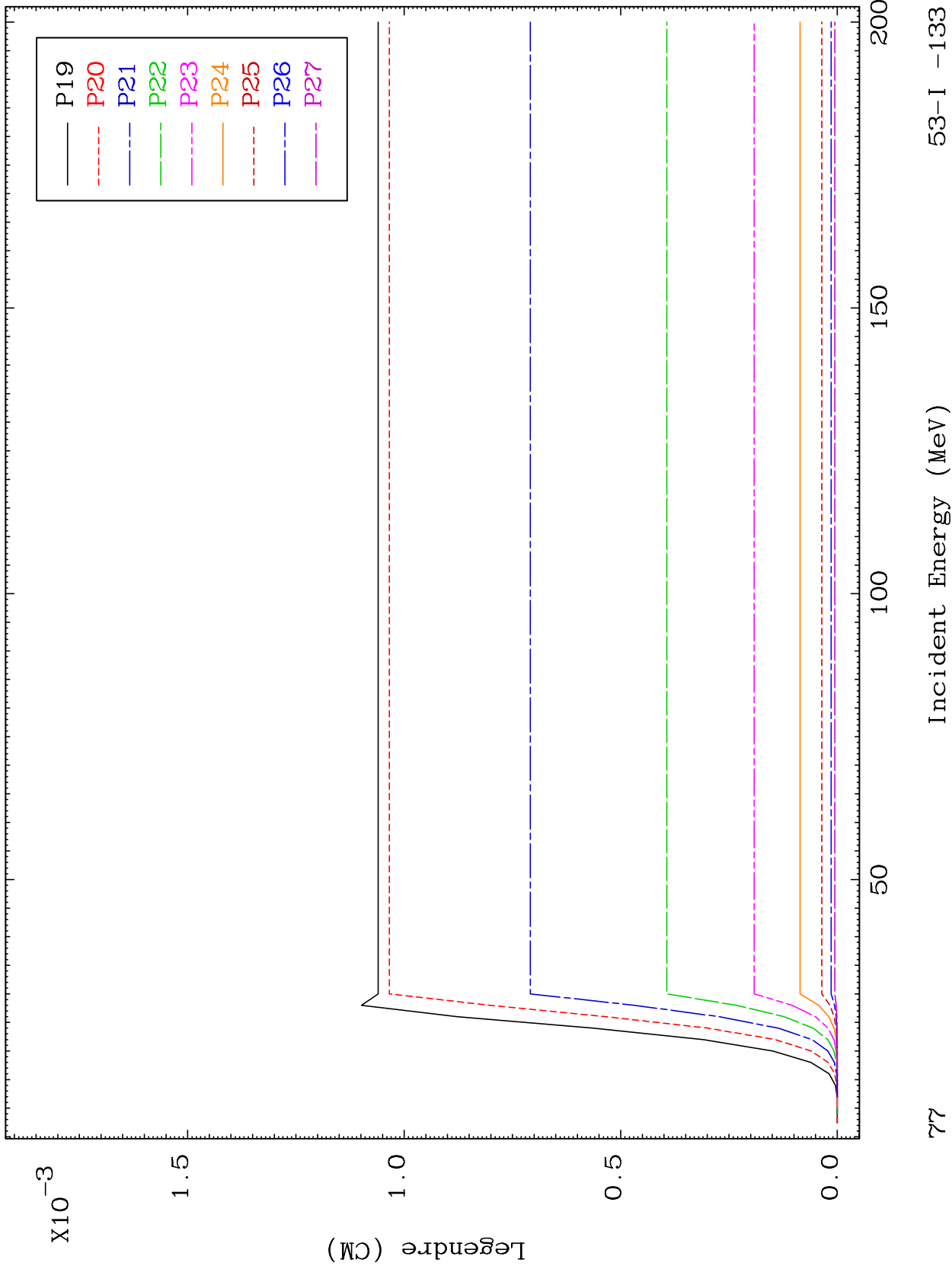


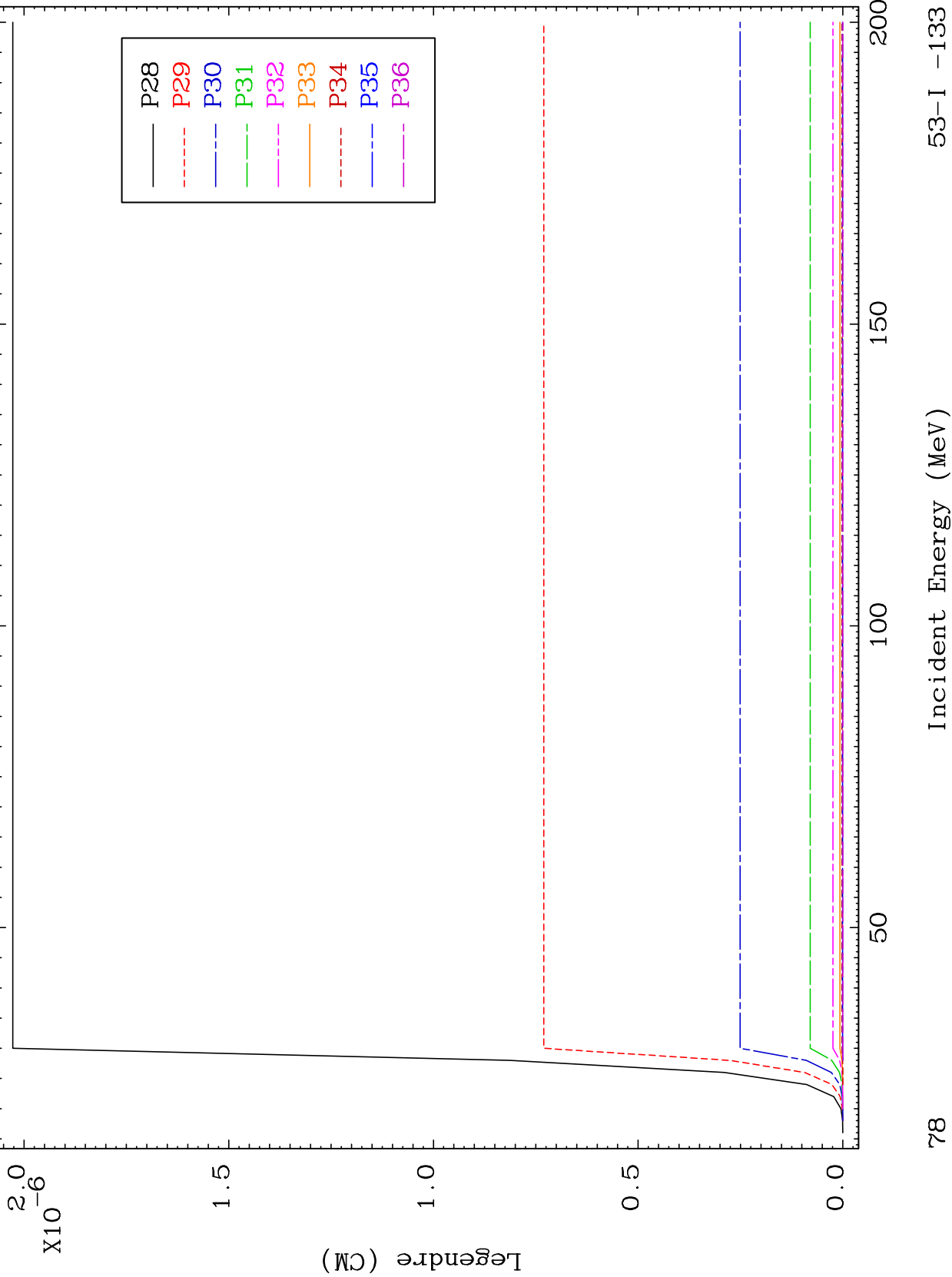


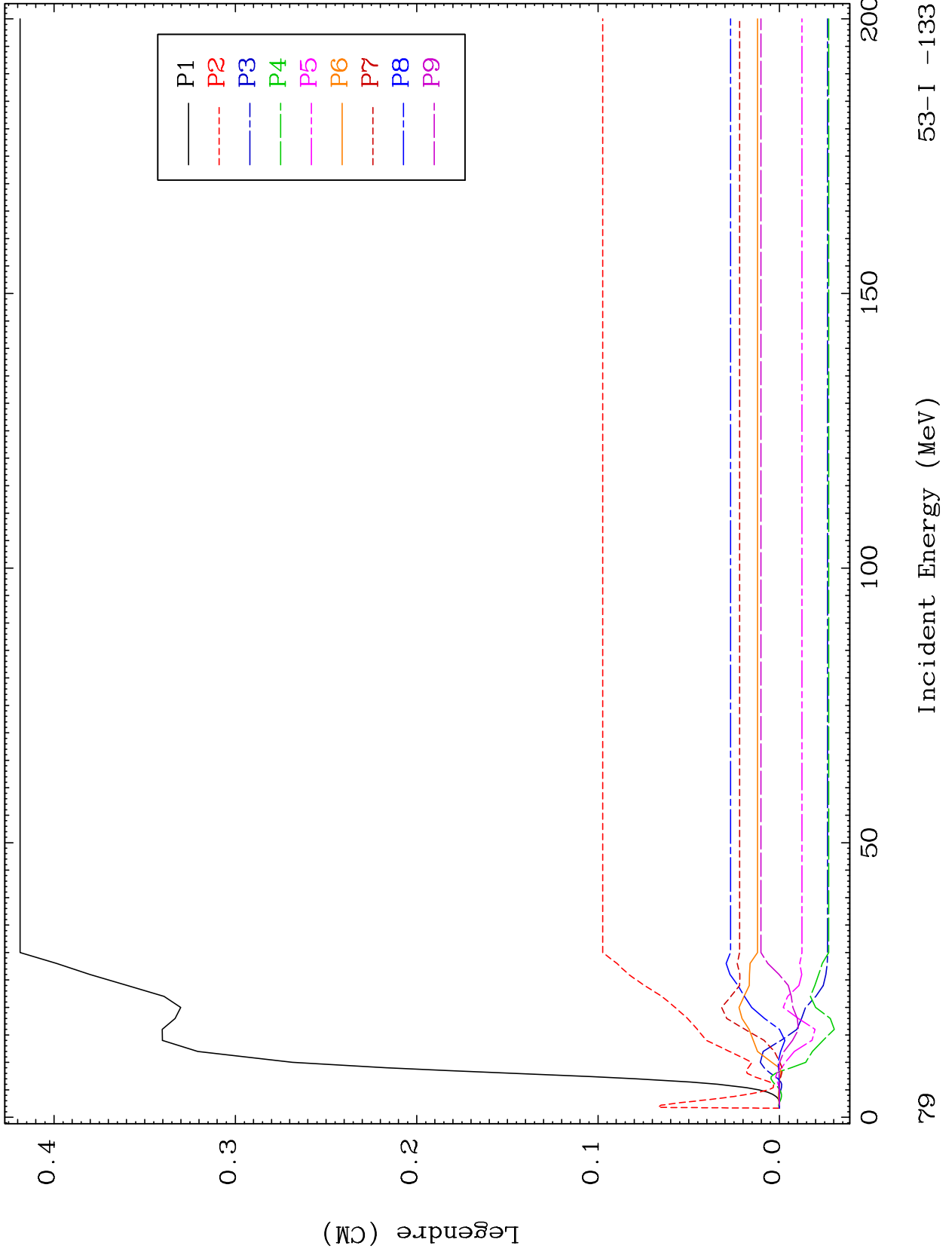








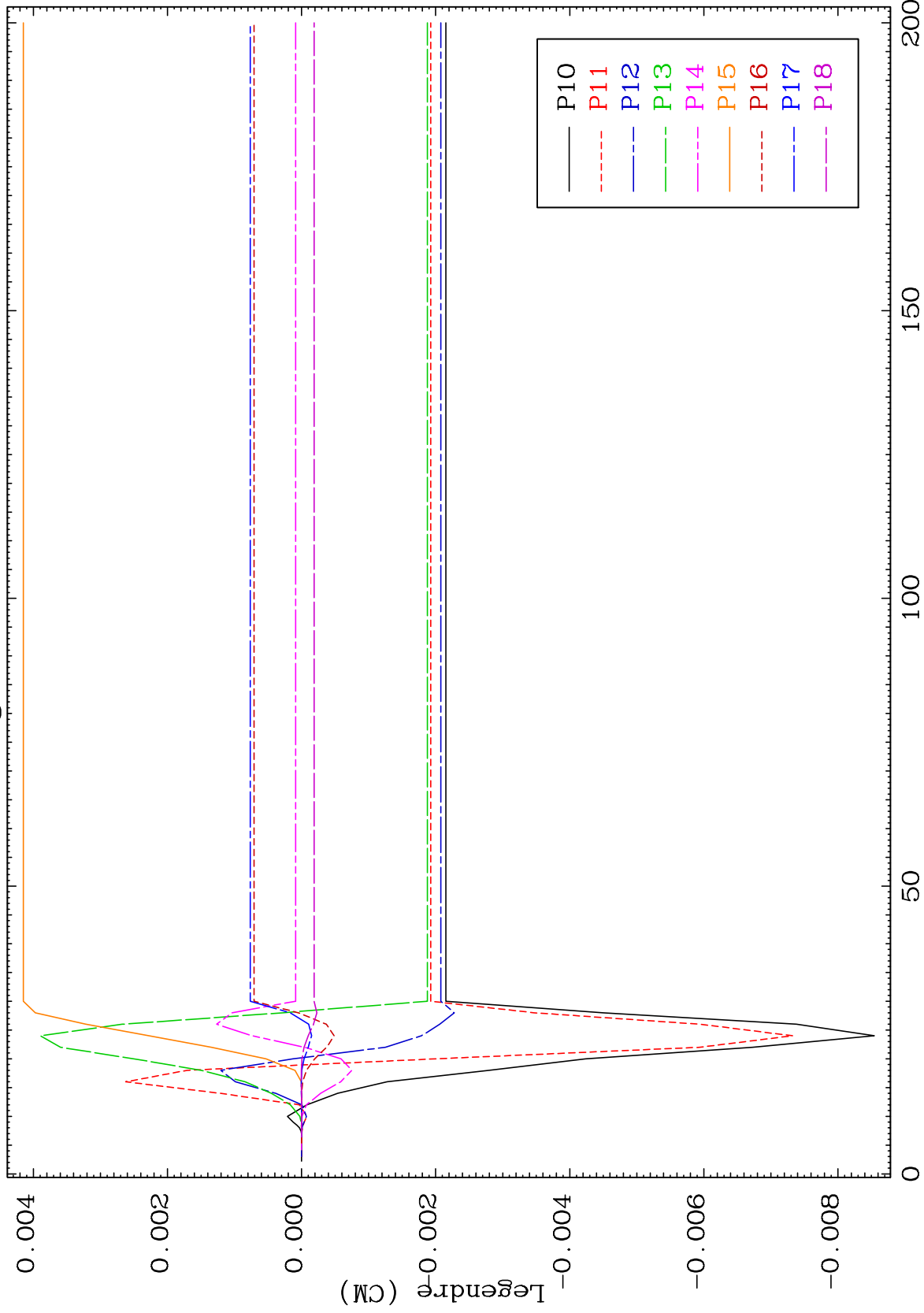




MAT 5343

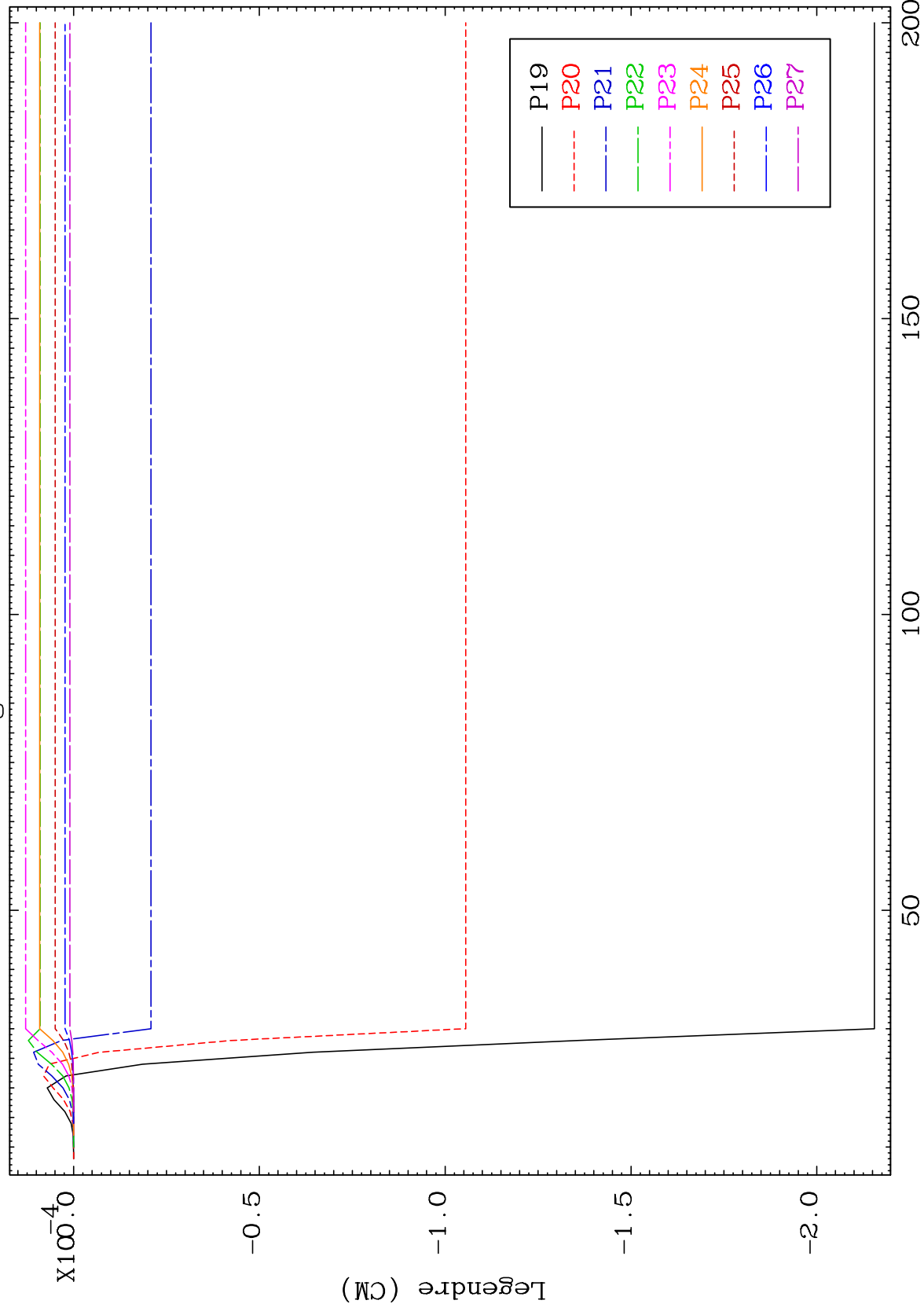
MT= 66 (n,n') Level
Legendre Coefficients

53-I -133



Incident Energy (MeV)

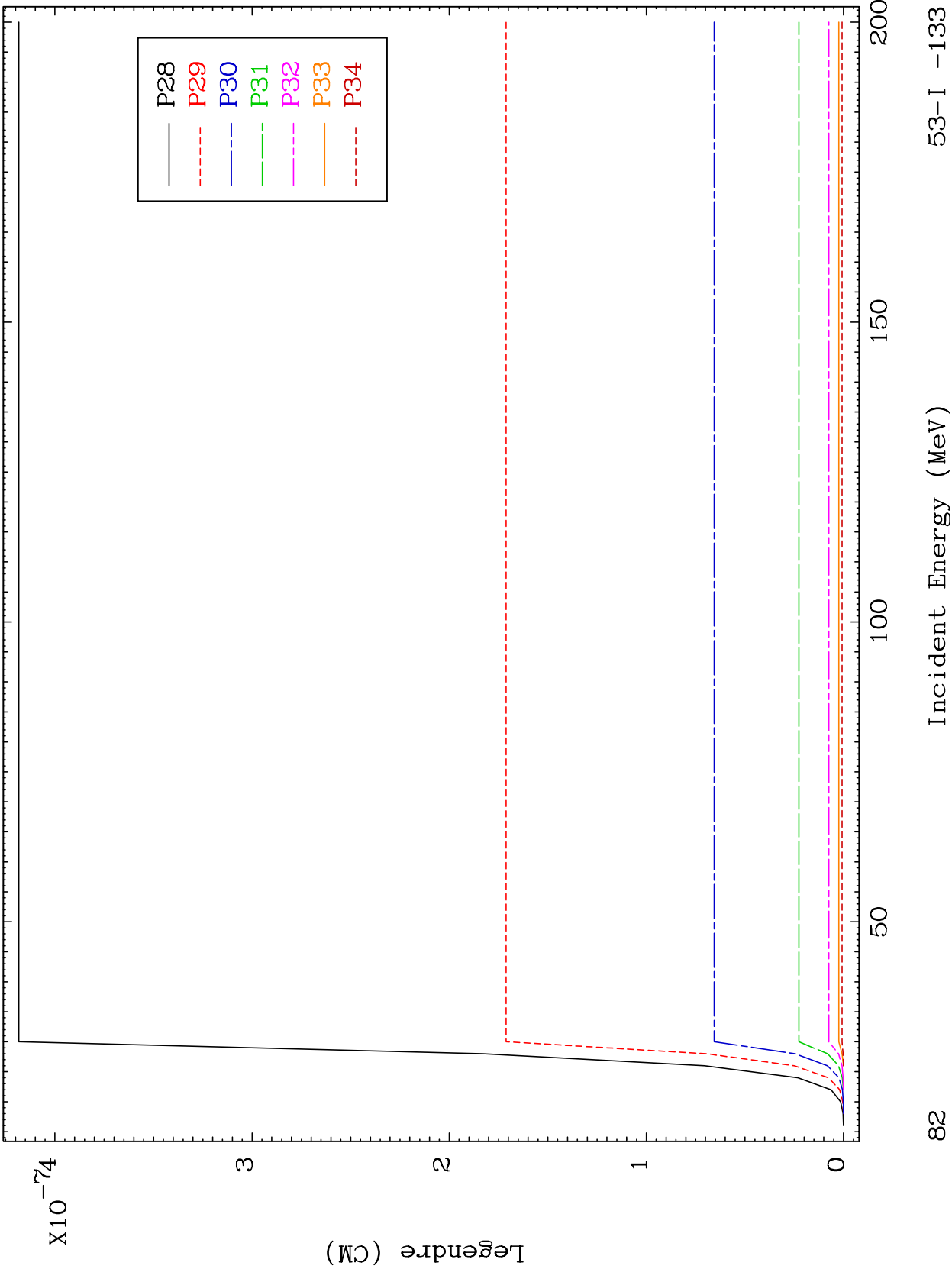
53-I -133



MAT 5343

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

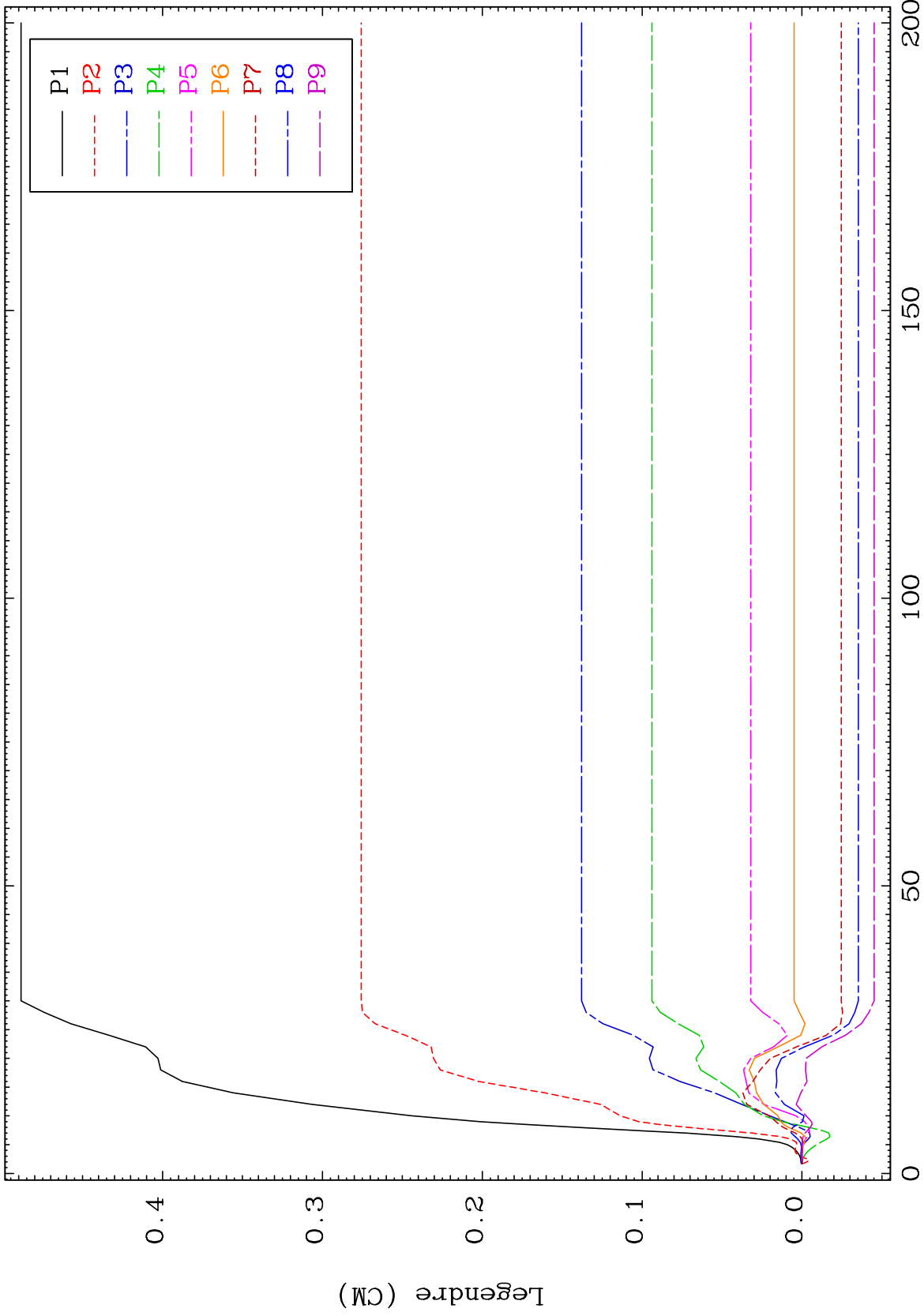
53-I -133

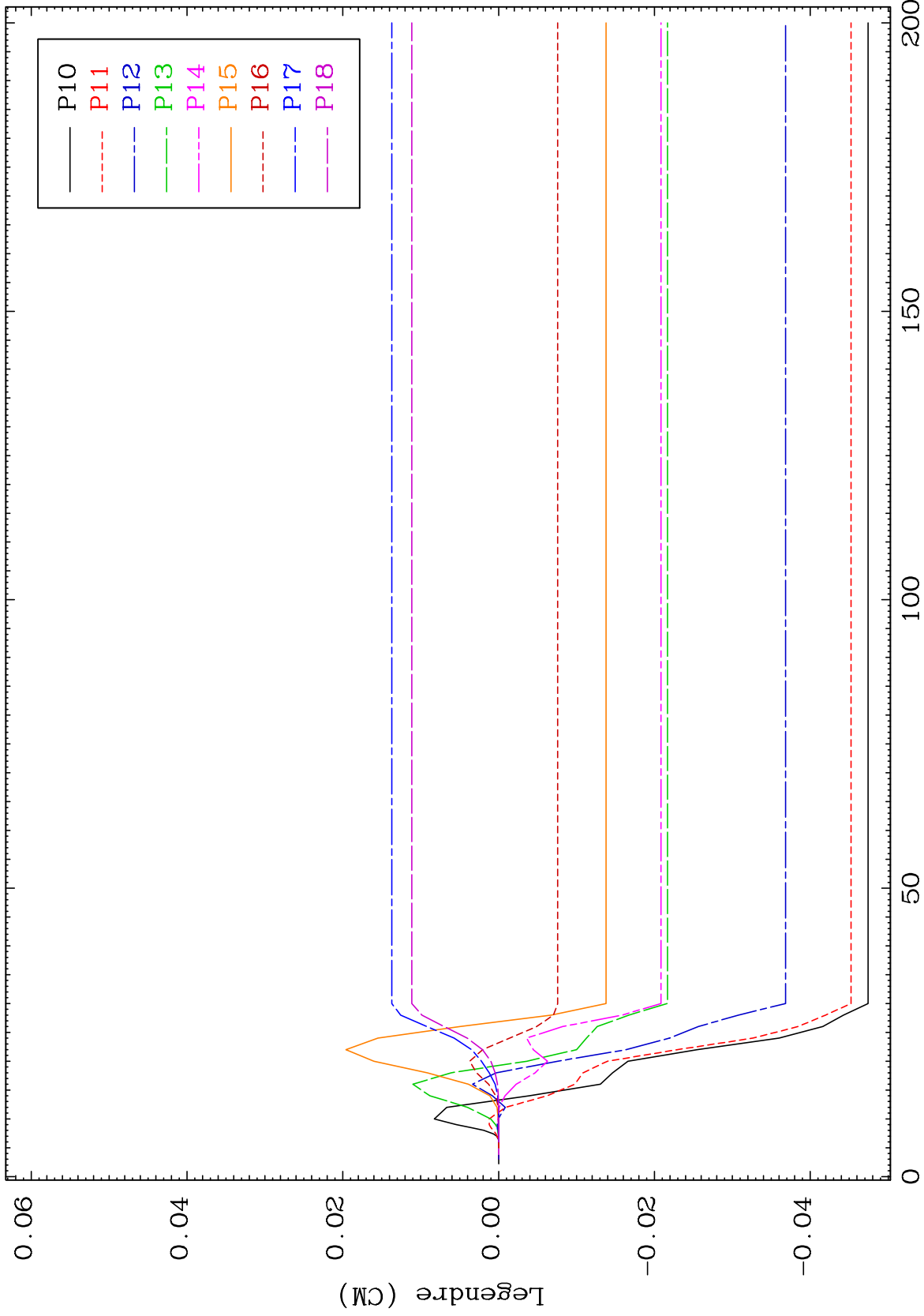


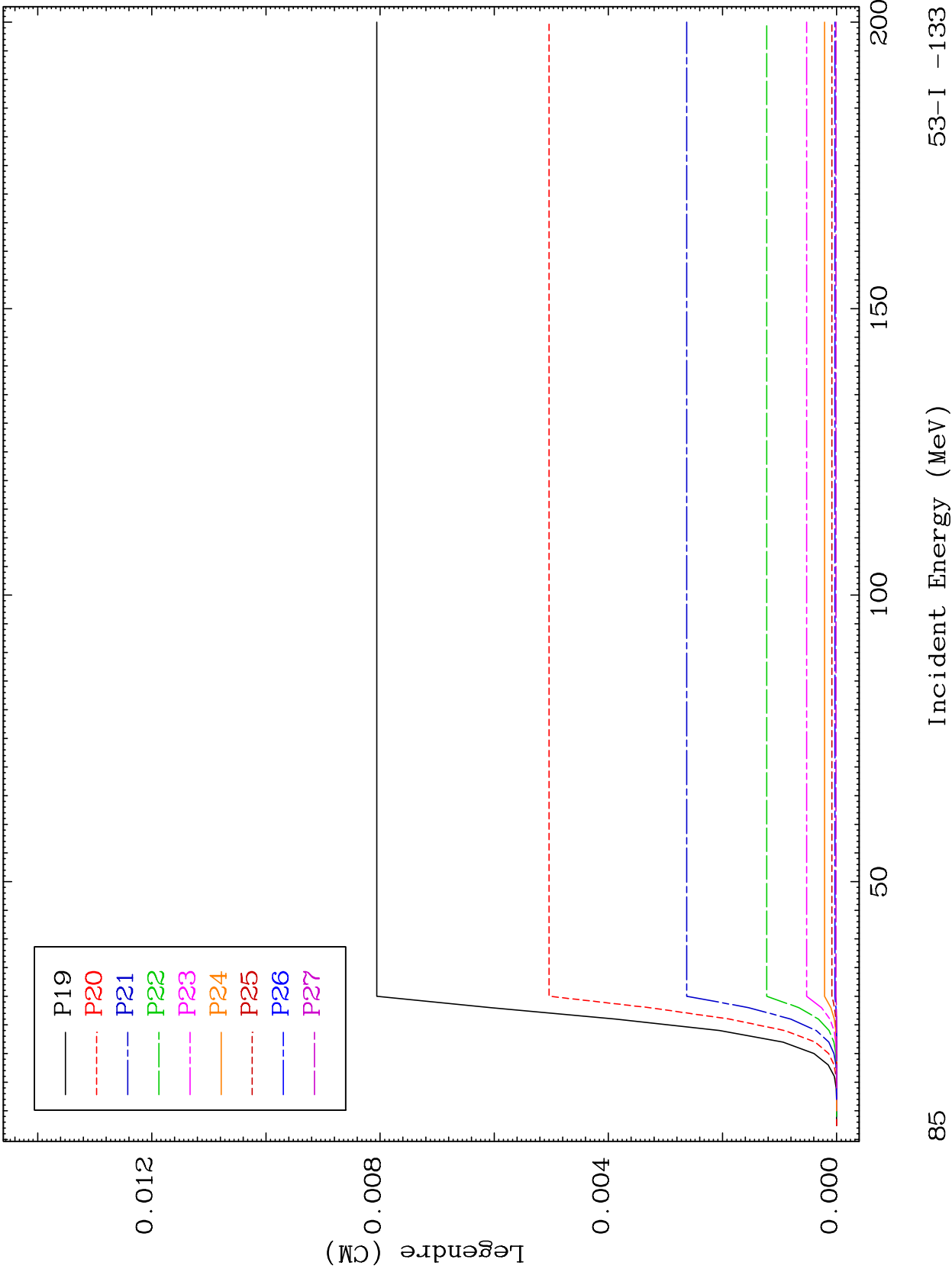
82

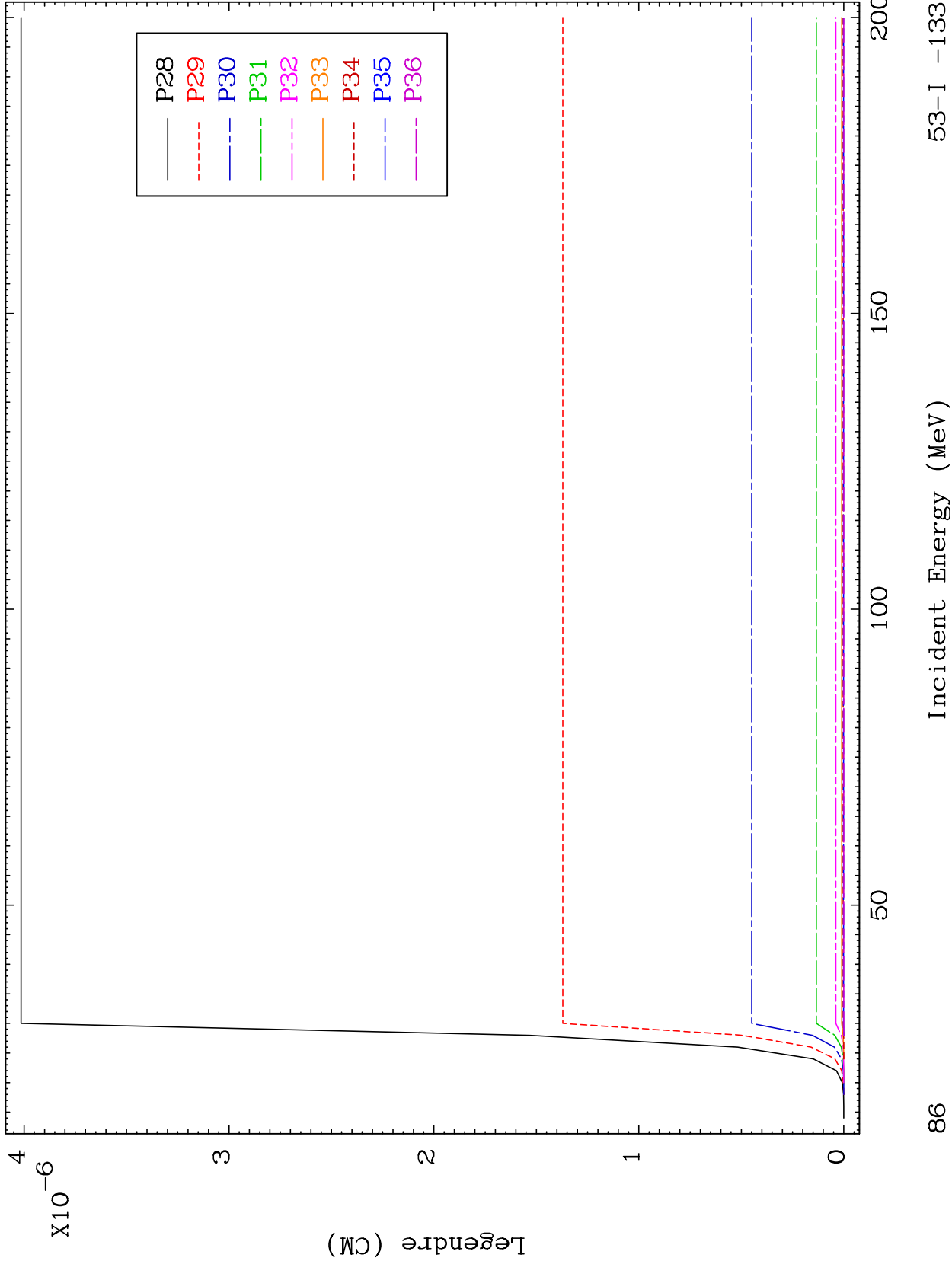
Incident Energy (MeV)

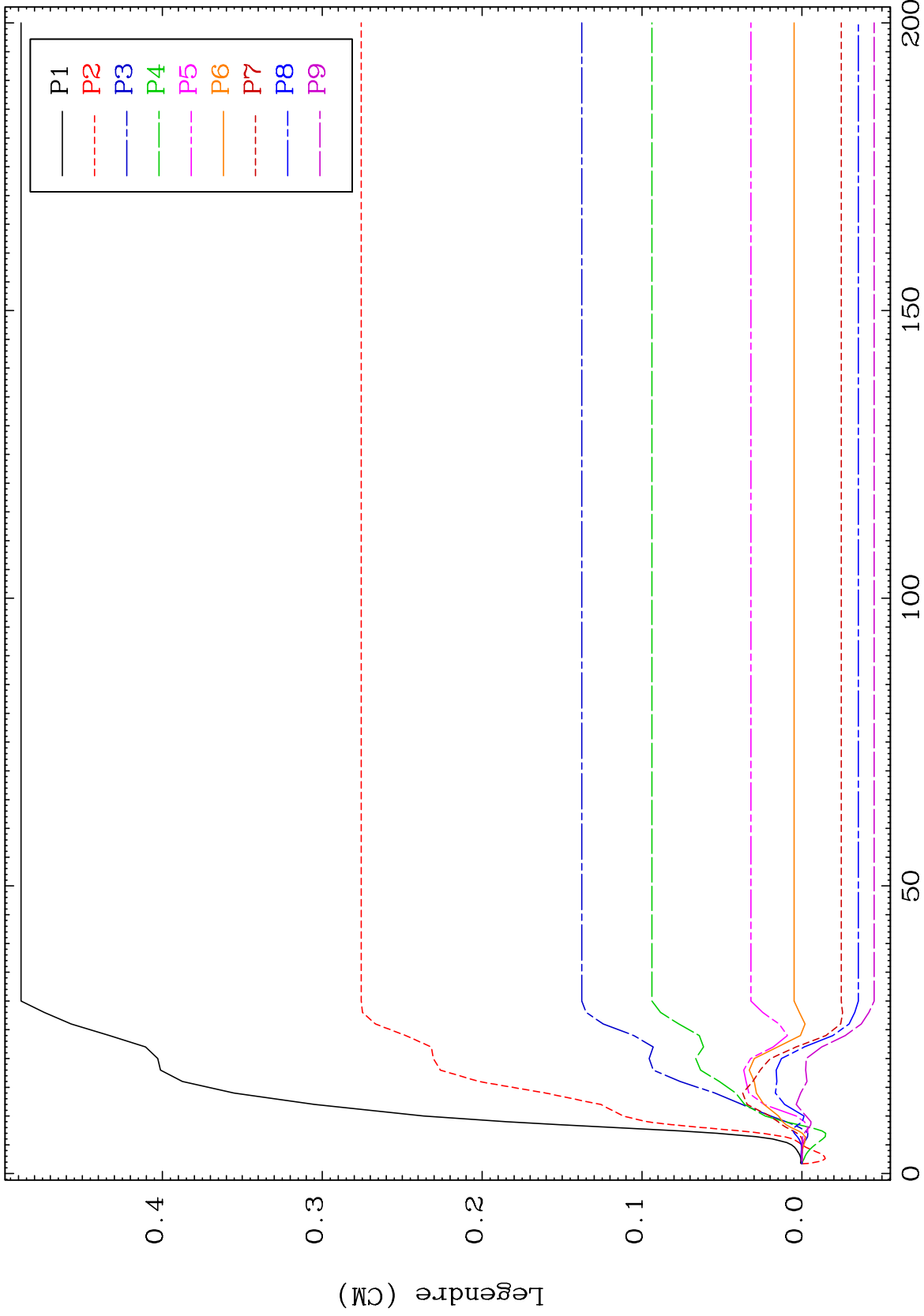
53-I -133







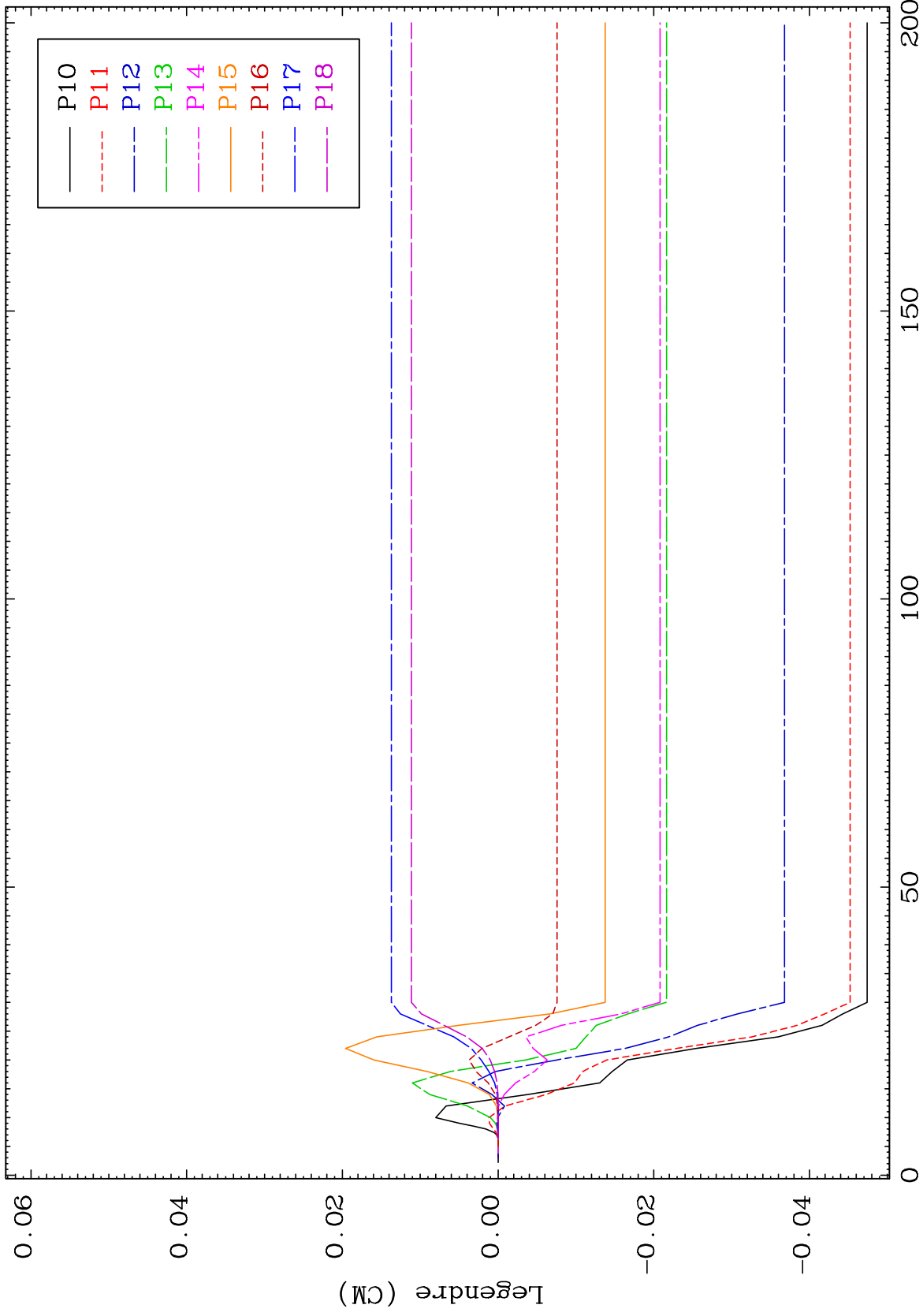




MAT 5343

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

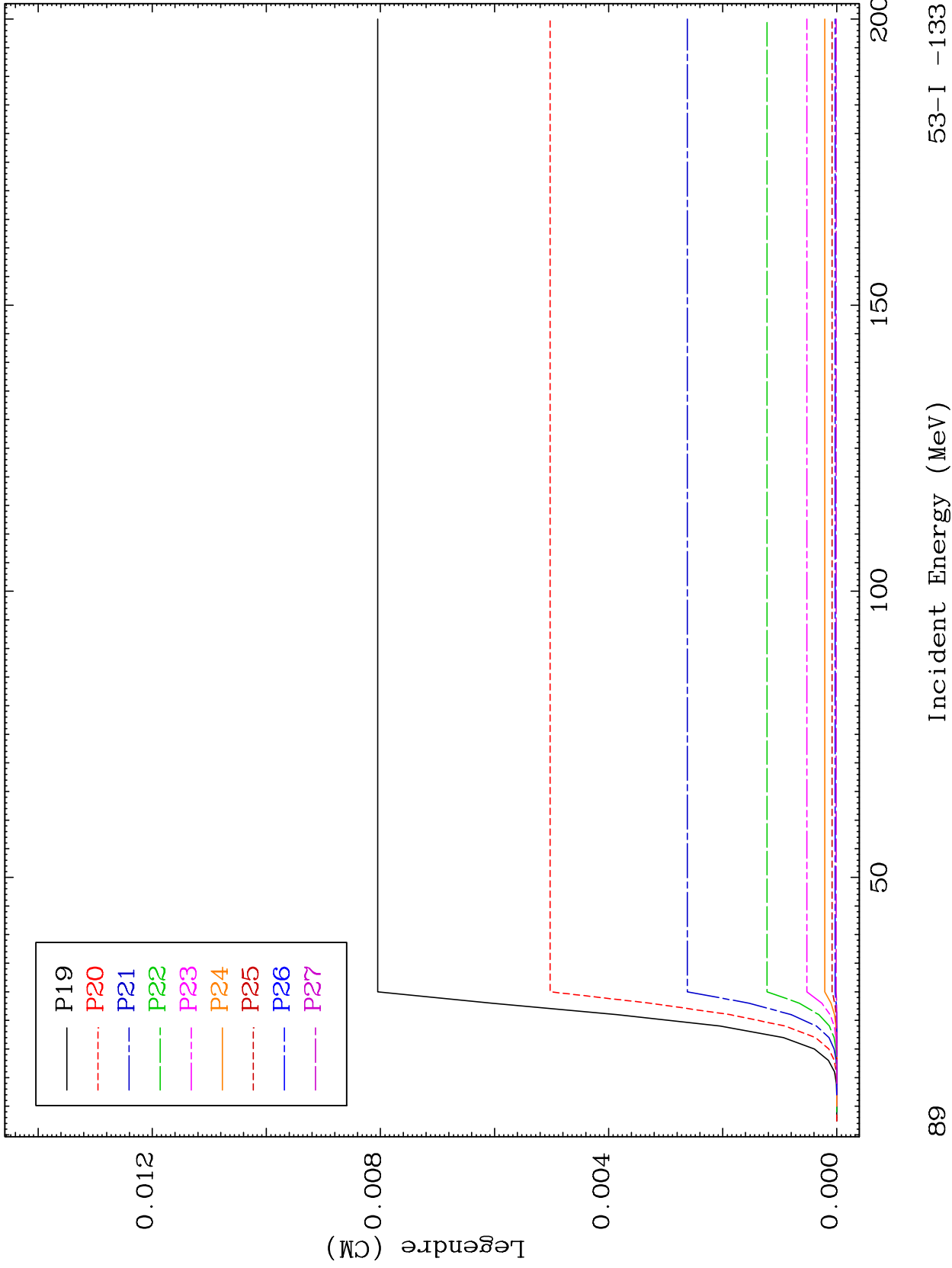
53-I -133



88

Incident Energy (MeV)

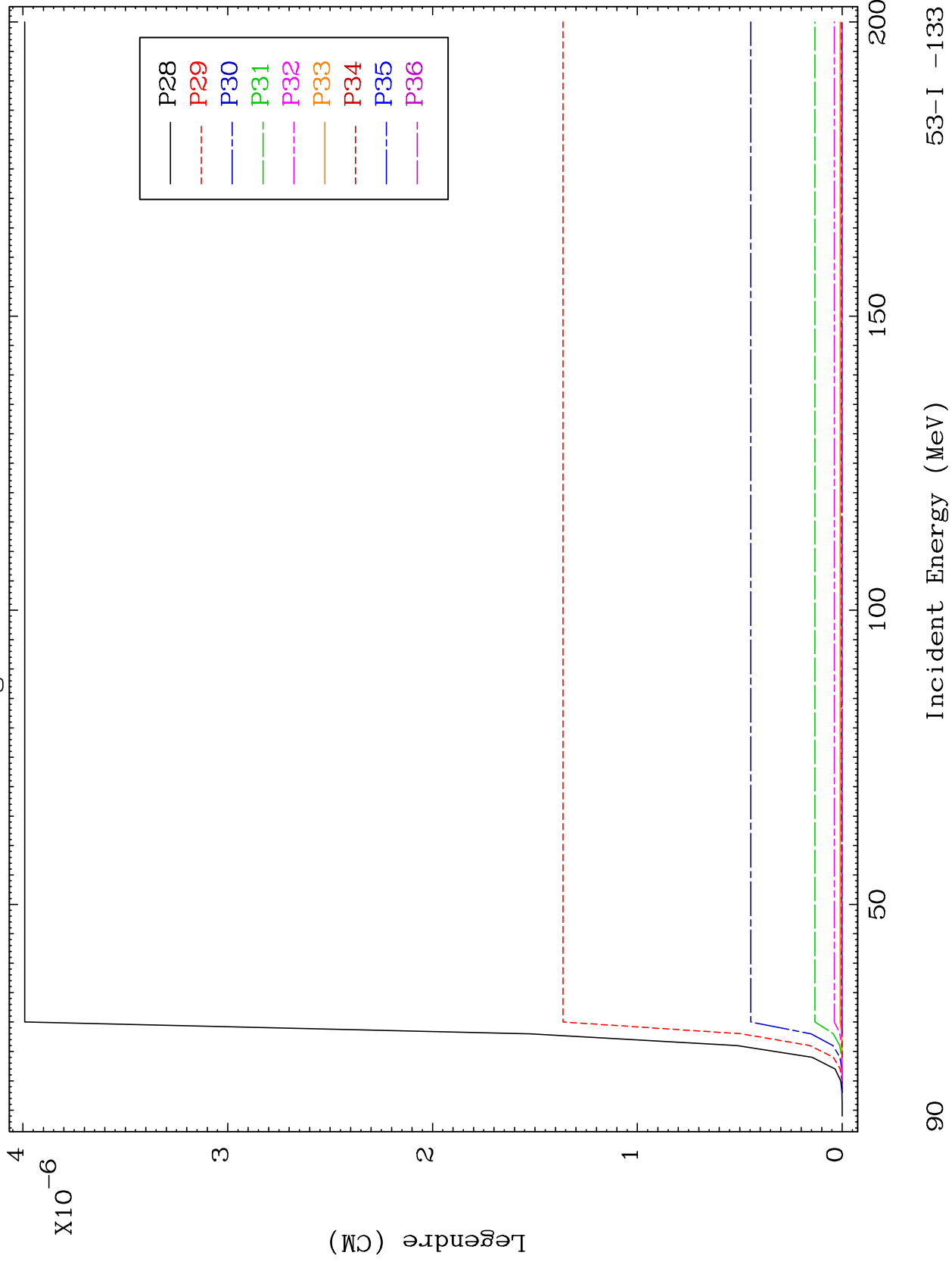
53-I -133



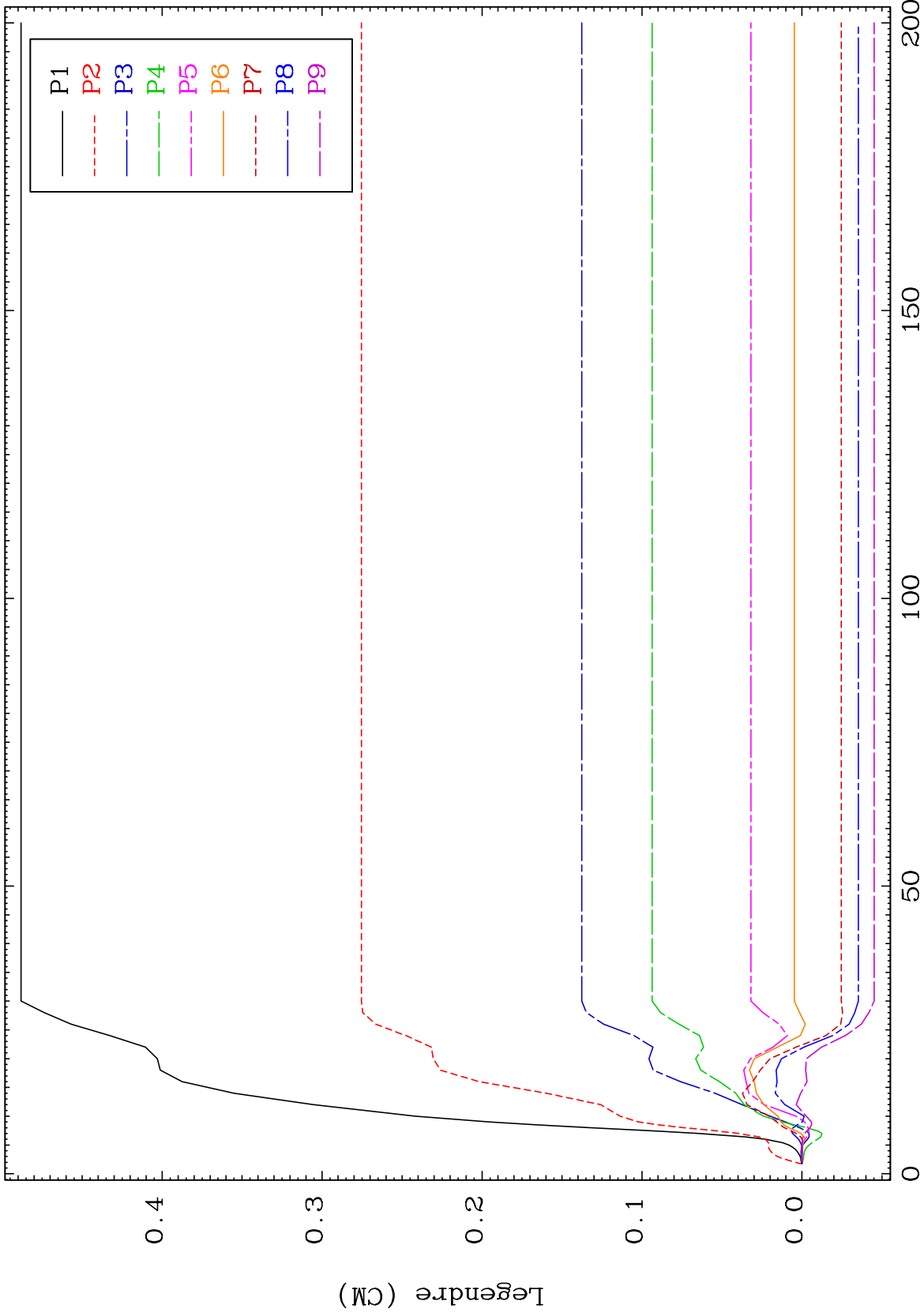
MAT 5343

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

53-I -133



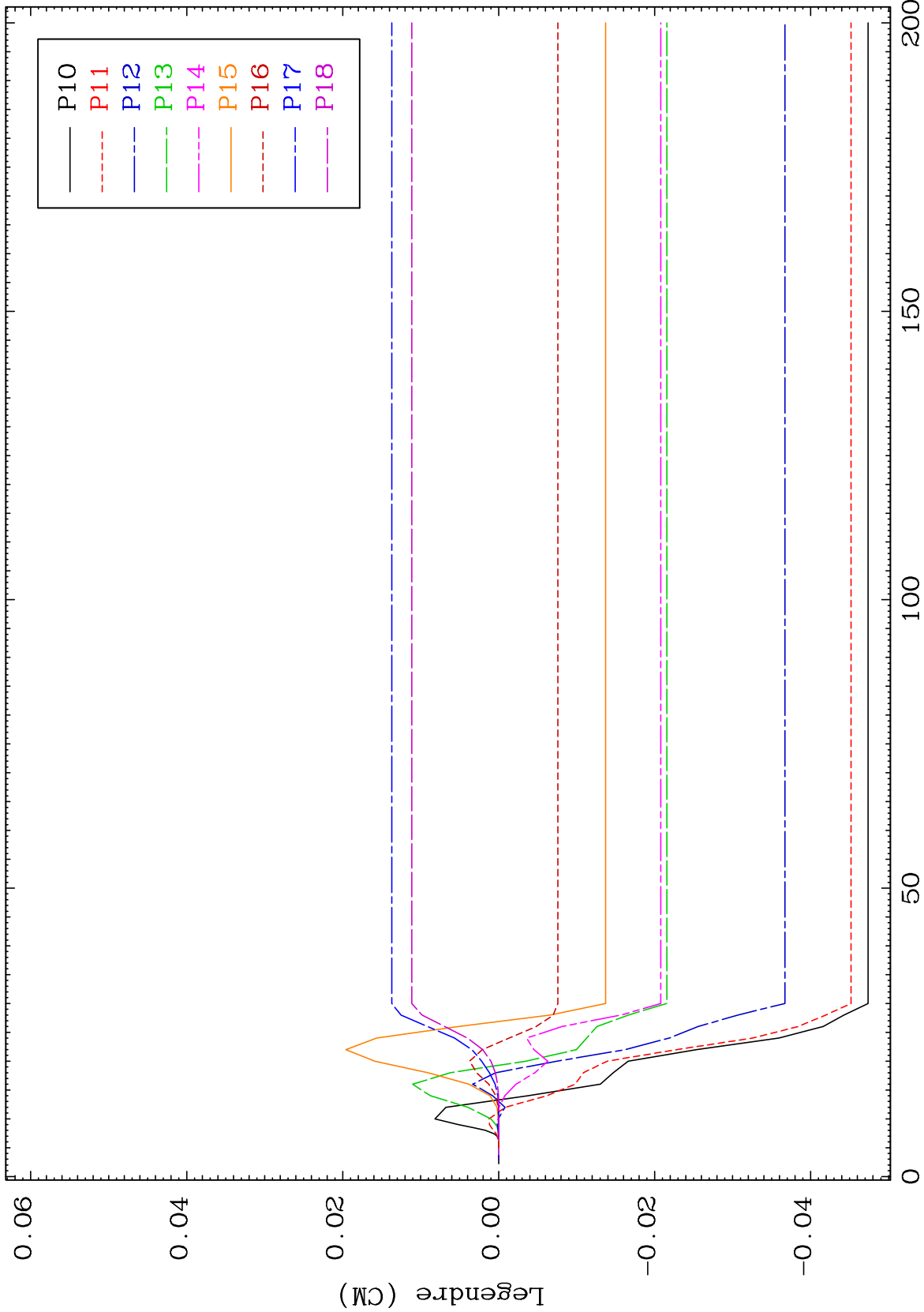
53-I -133



MAT 5343

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

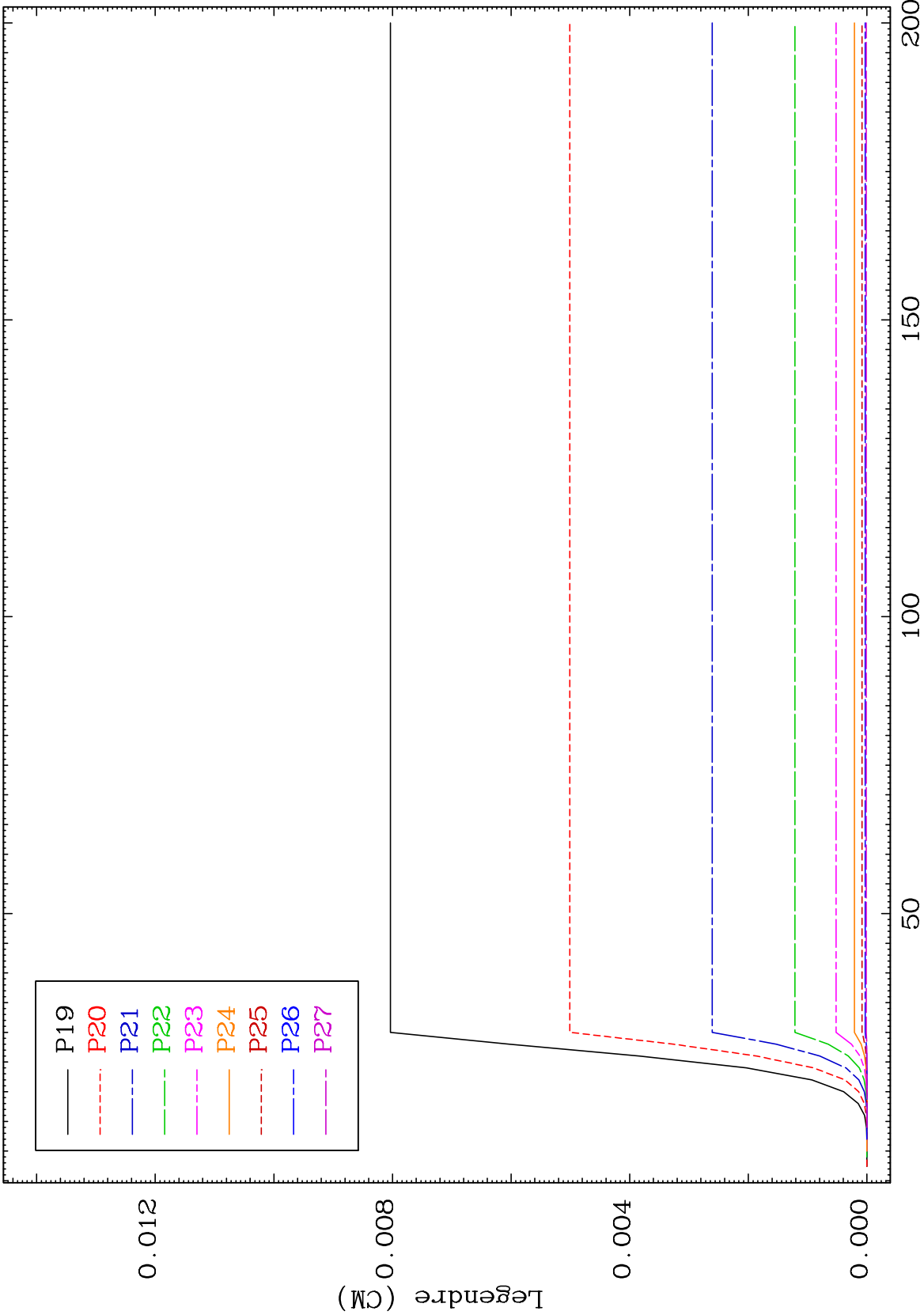
53-I -133

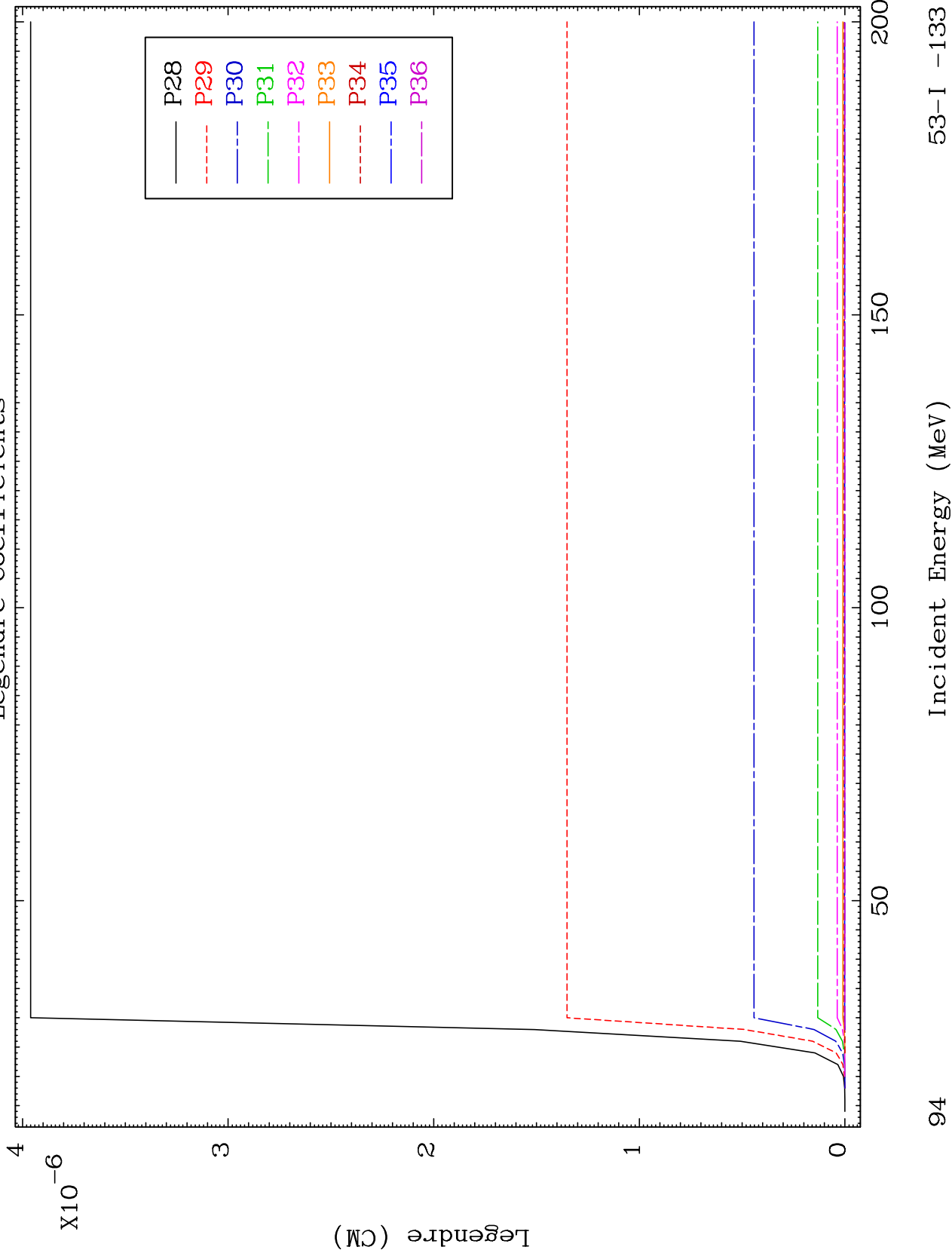


92

Incident Energy (MeV)

53-I -133

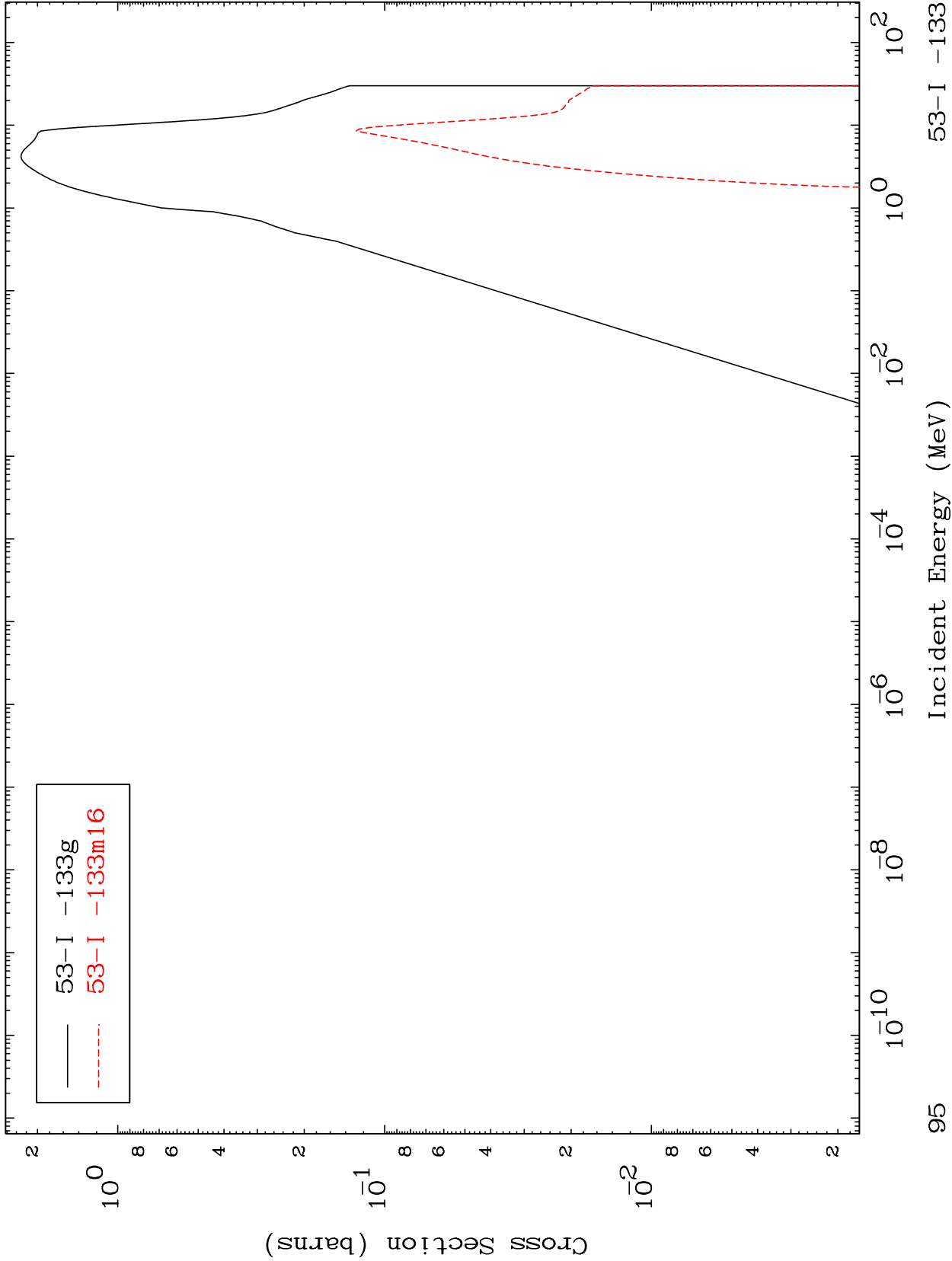




MAT 5343

Inelastic
Radionuclide Production Cross Section

53-I -133



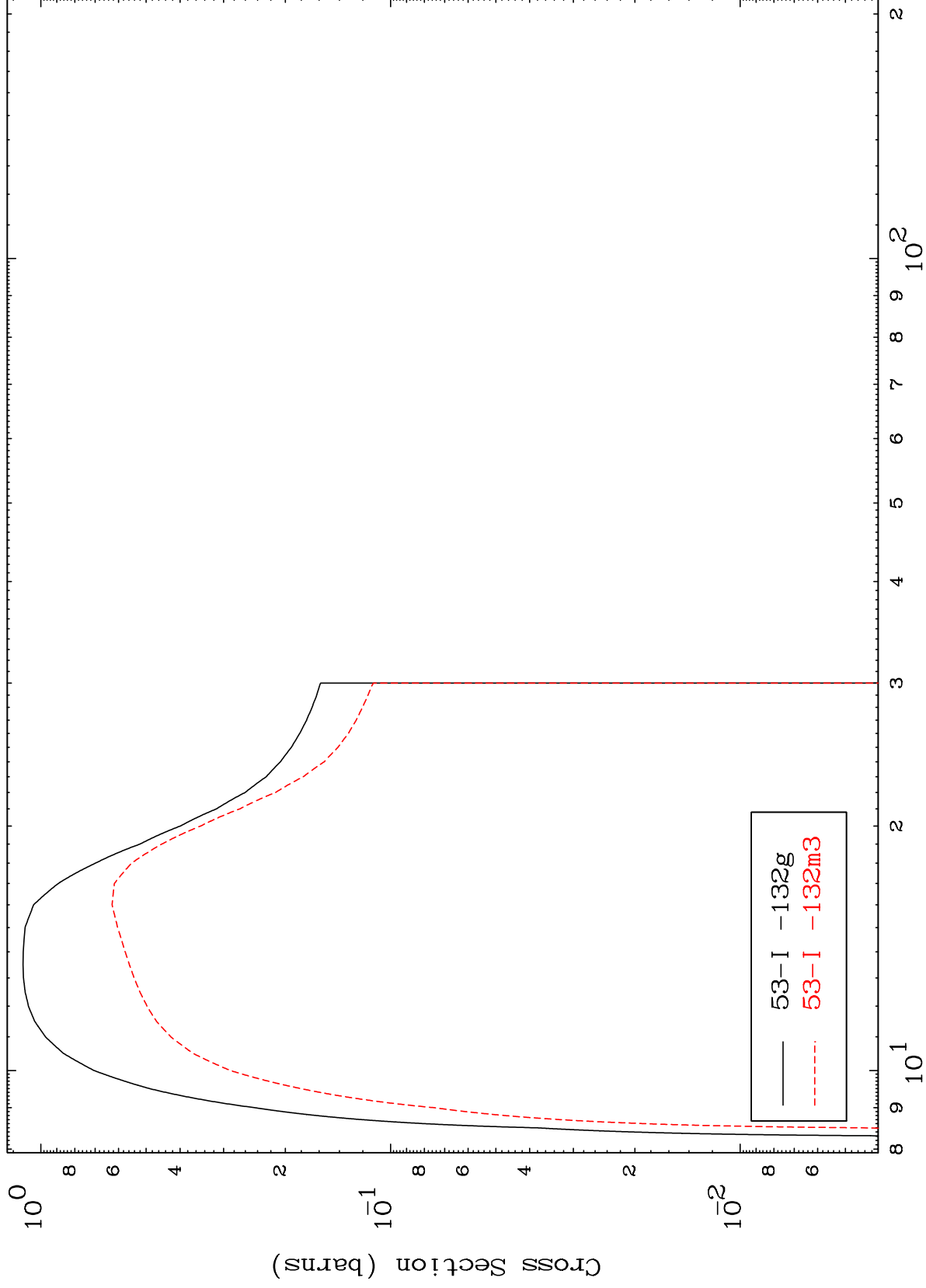
53-I -133

MAT 5343

(n,2n)

53-I -133

Radionuclide Production Cross Section



96

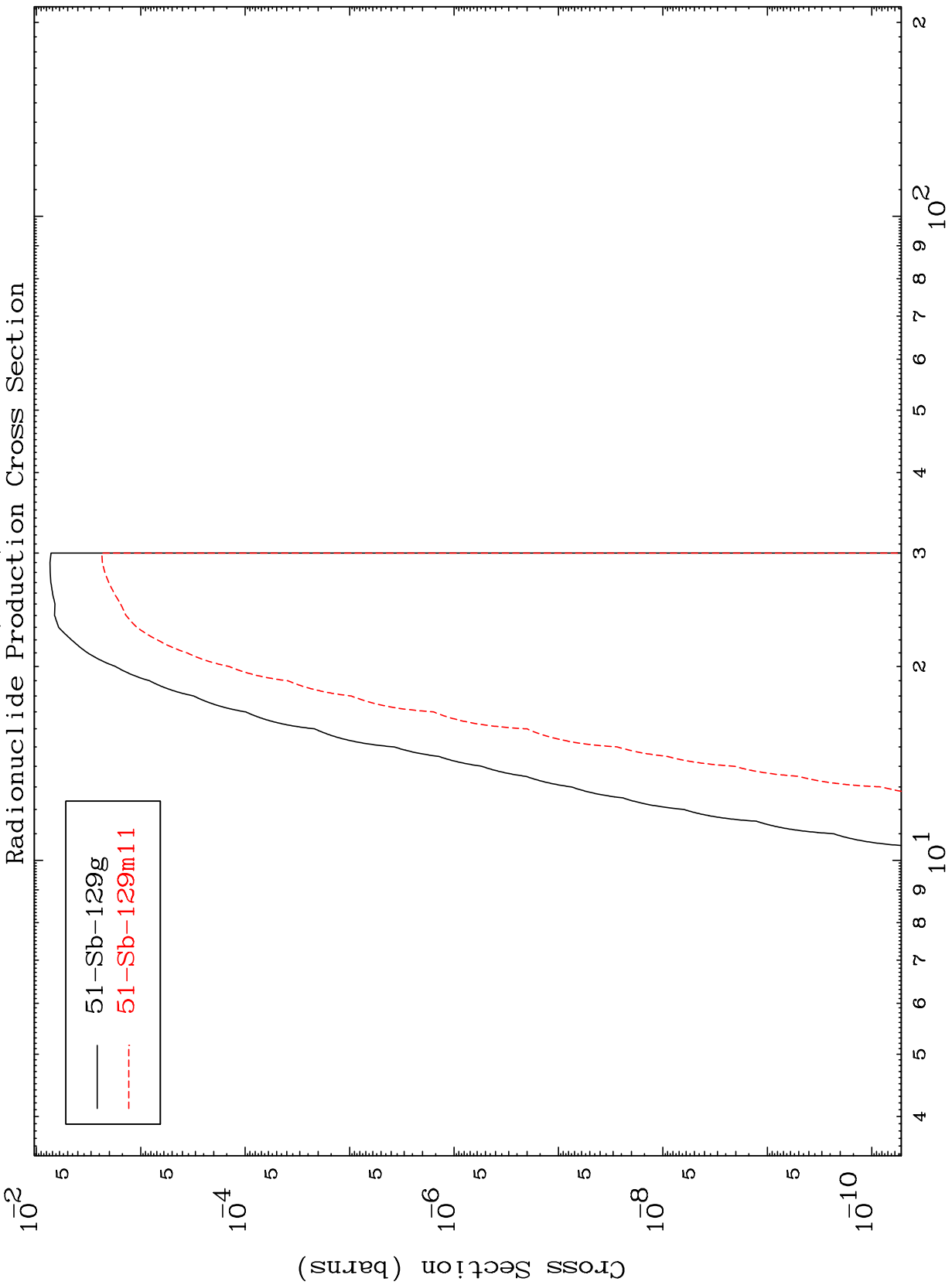
Incident Energy (MeV)

53-I -133

MAT 5343

(n,n') α

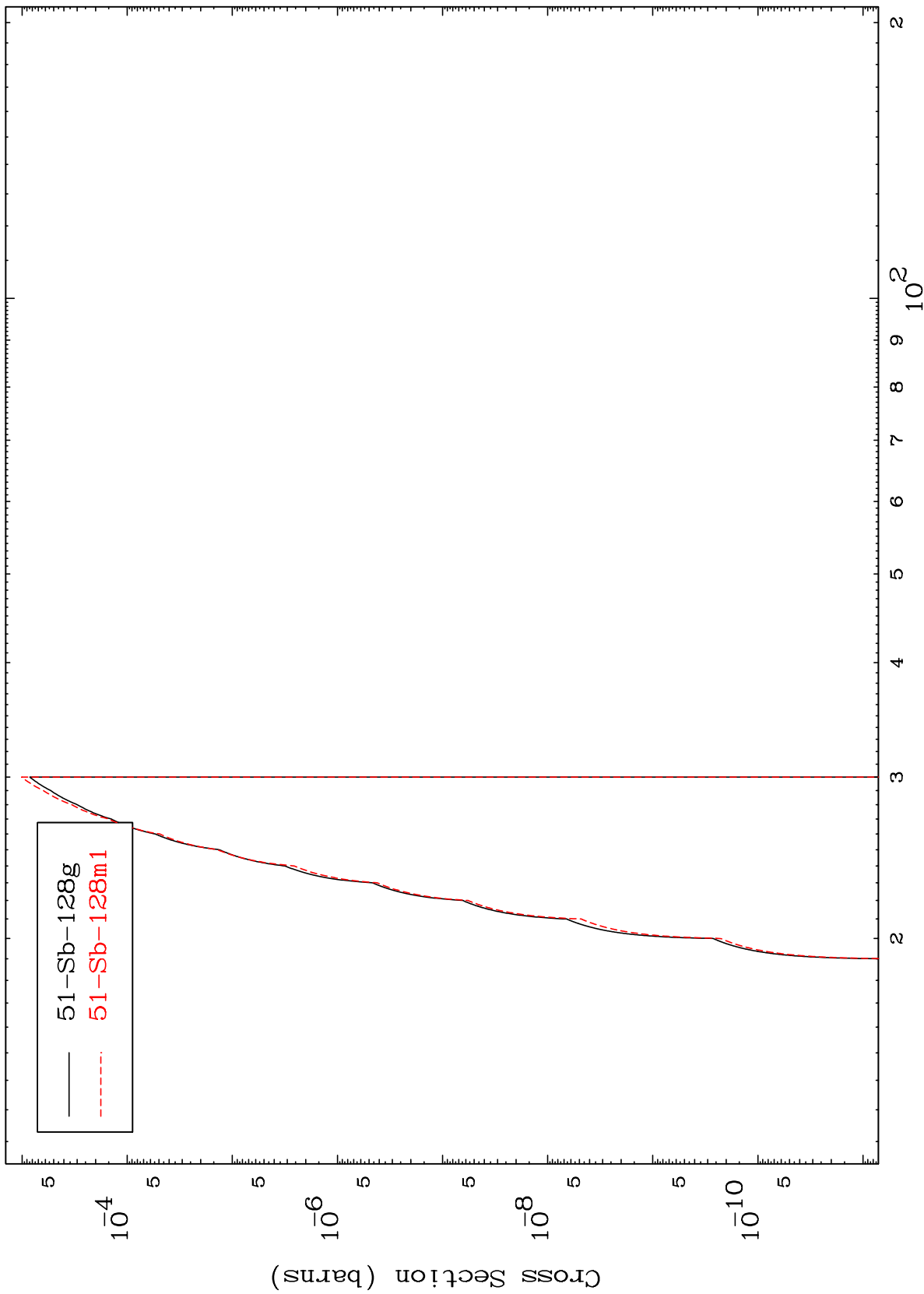
53-I -133



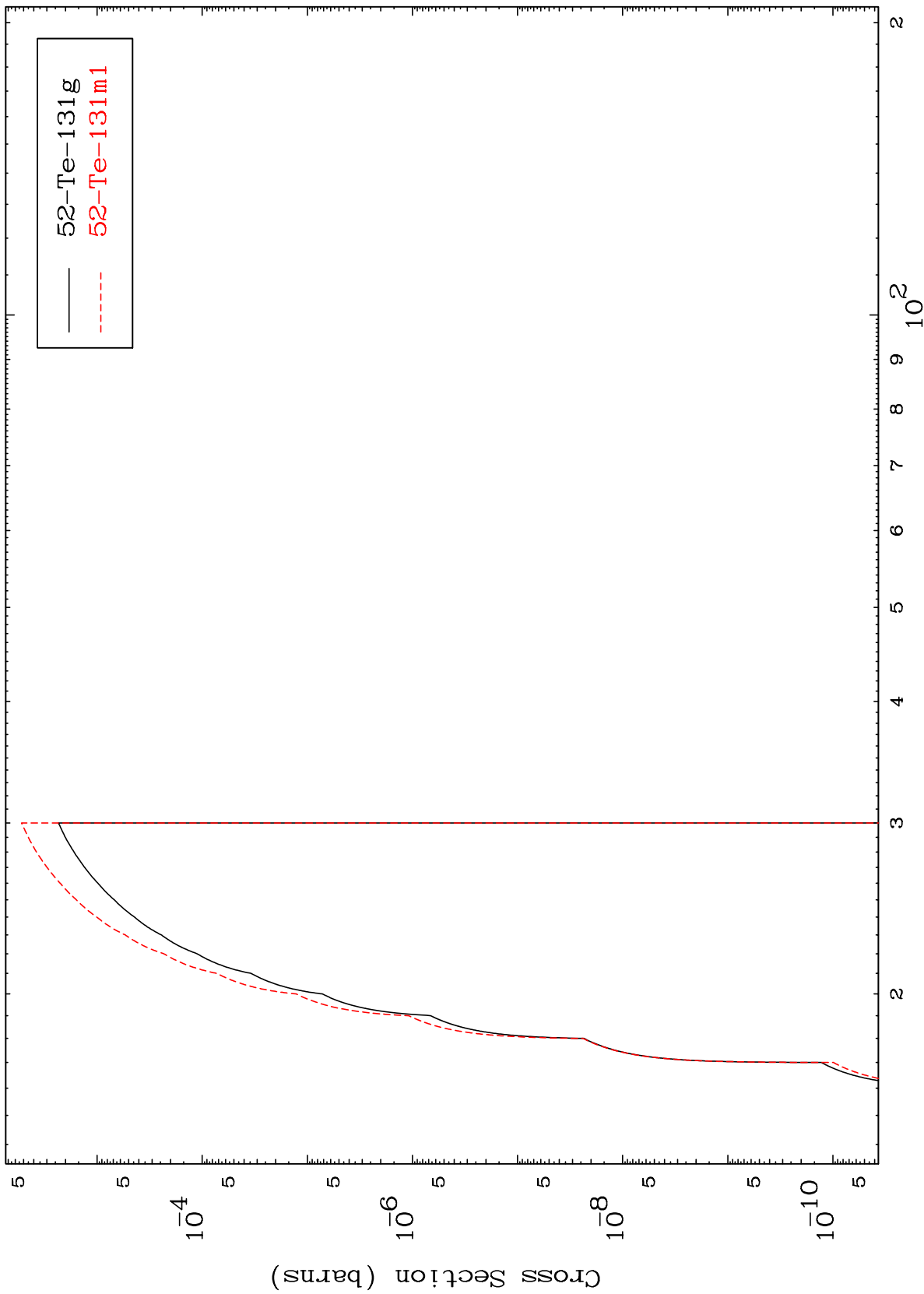
97

53-I -133

Radionuclide Production Cross Section



Radionuclide Production Cross Section

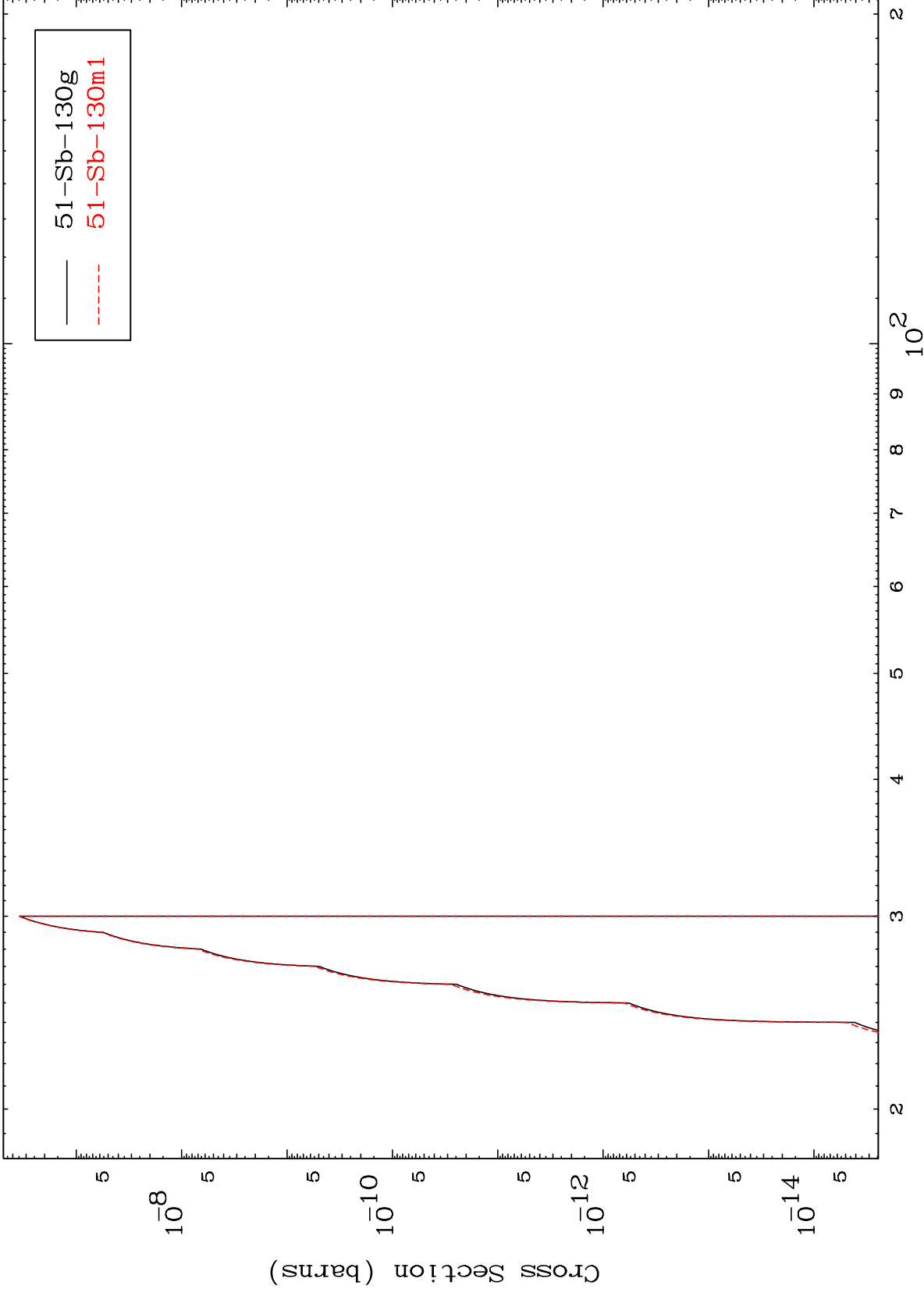


MAT 5343

(n,n') He-3

53-I -133

Radionuclide Production Cross Section



100

Incident Energy (MeV)

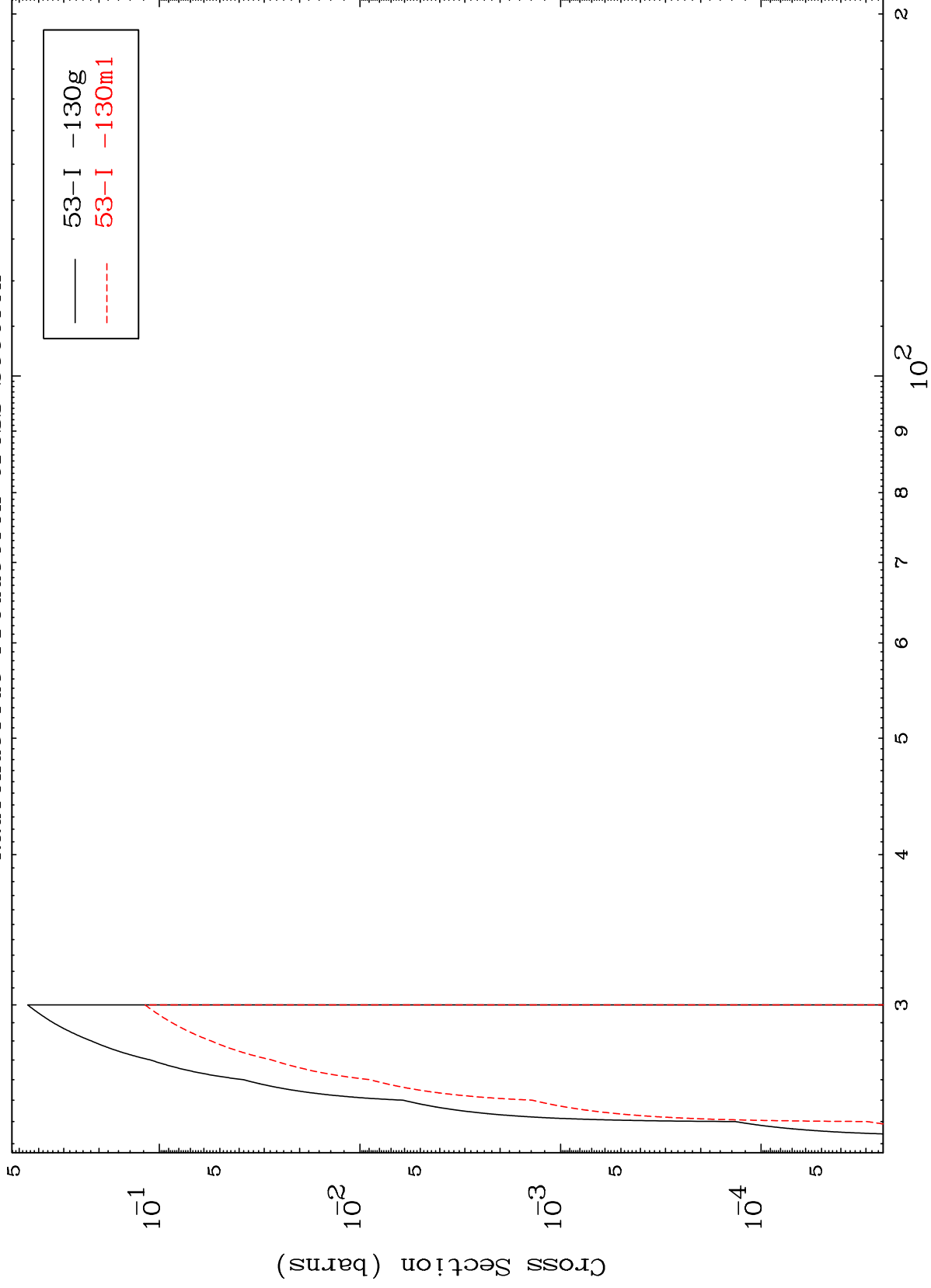
53-I -133

MAT 5343

(n,4n)

53-I -133

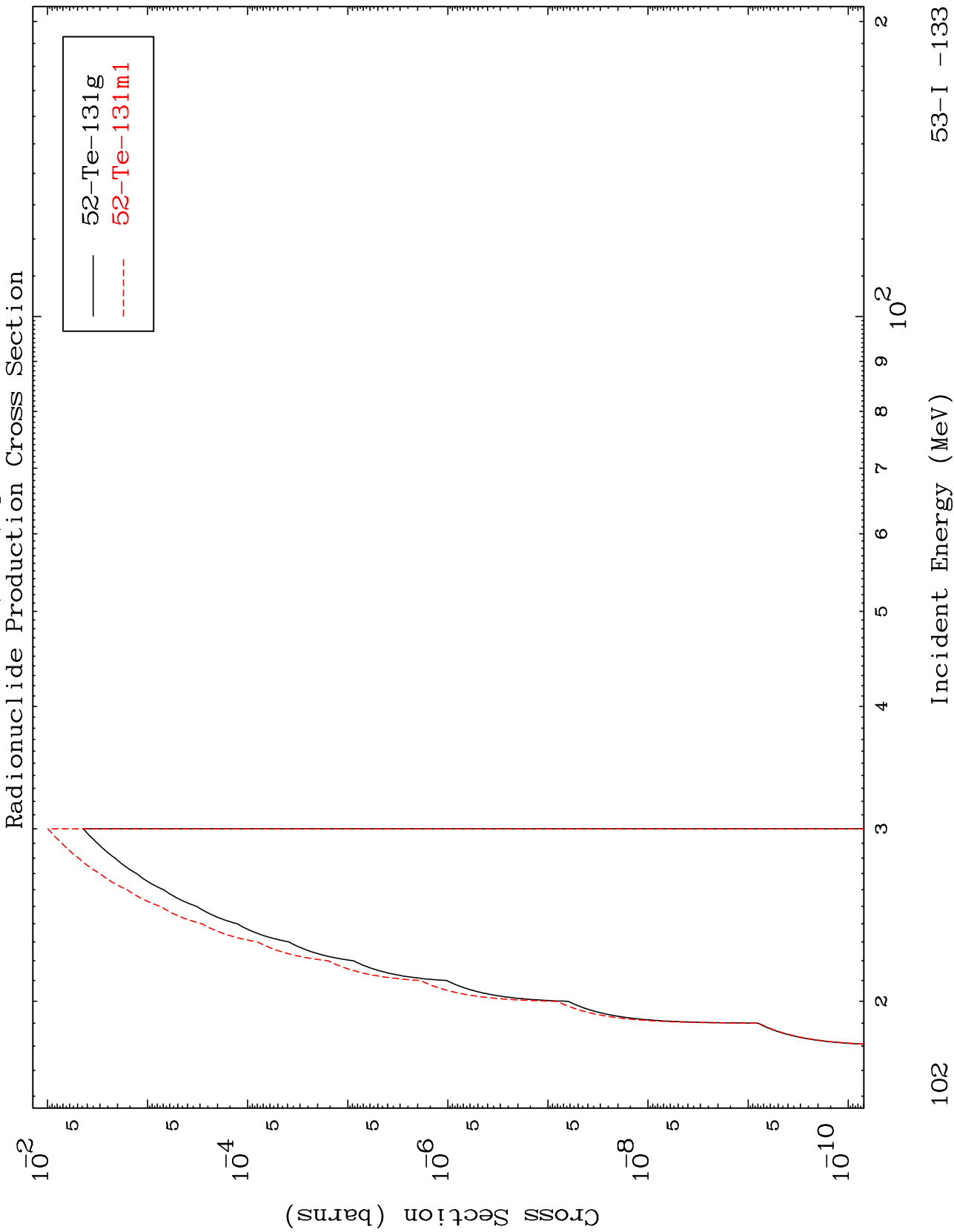
Radionuclide Production Cross Section



101

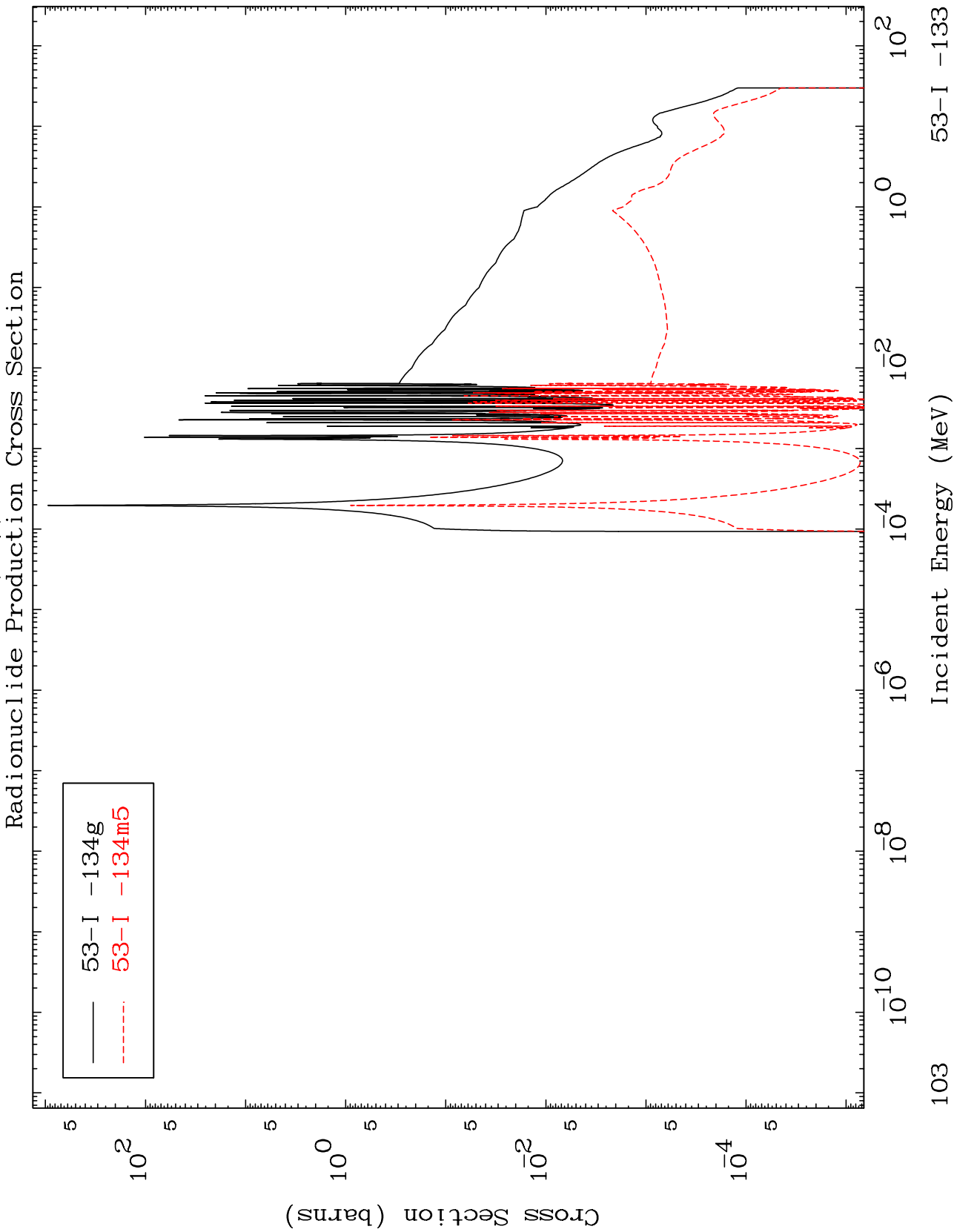
Incident Energy (MeV)

53-I -133



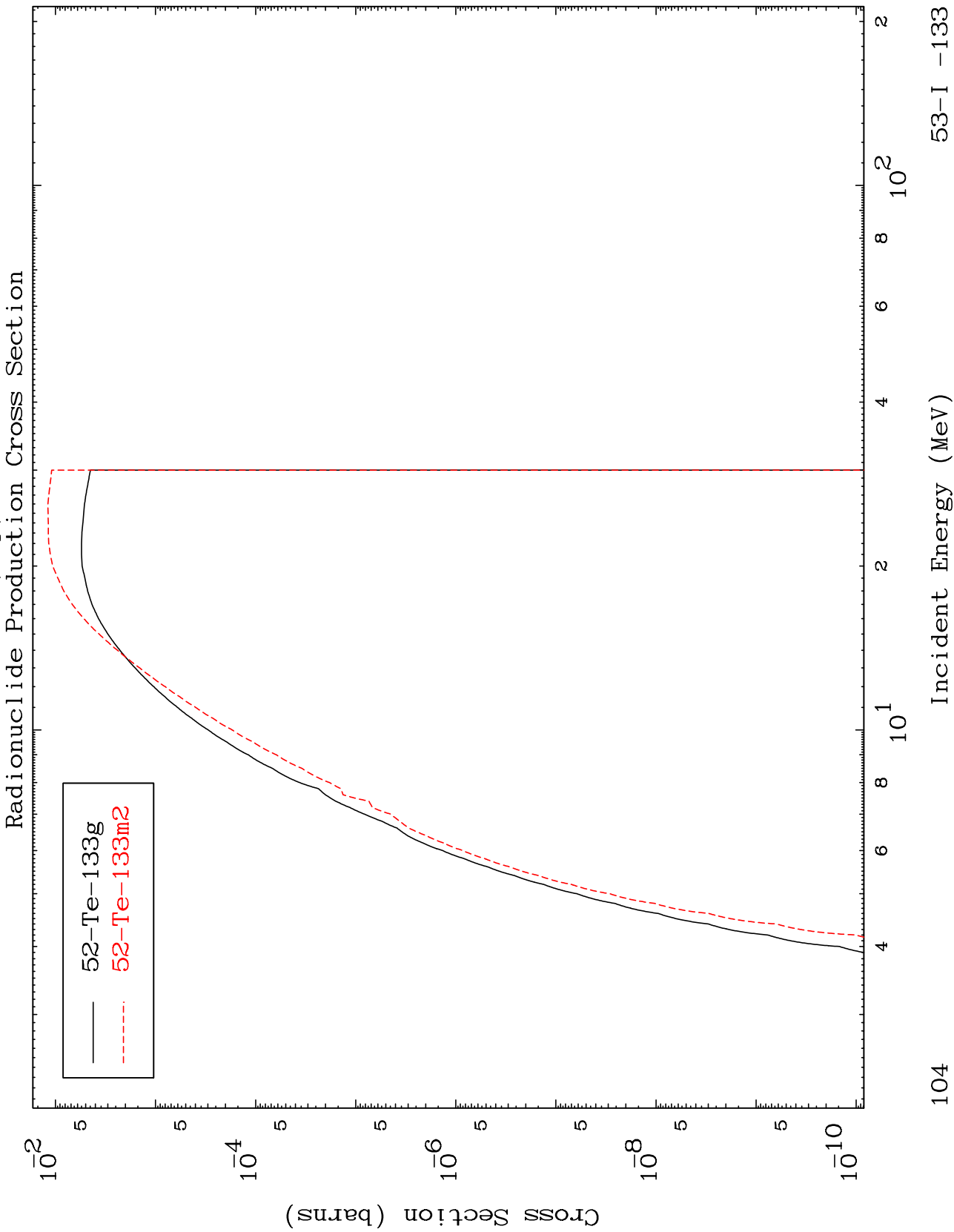
MAT 5343

53-I -133



MAT 5343

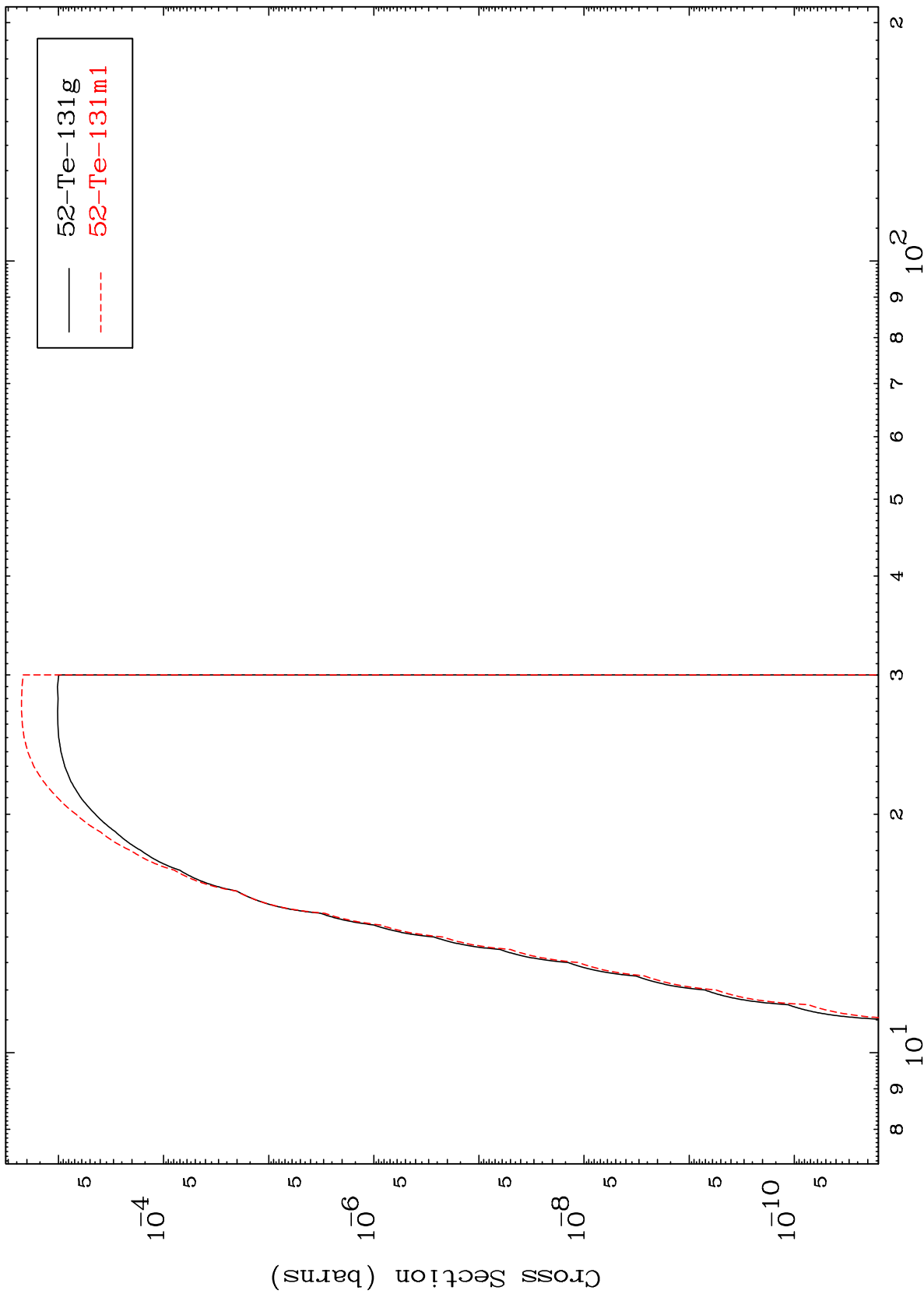
53-I -133



104

53-I -133

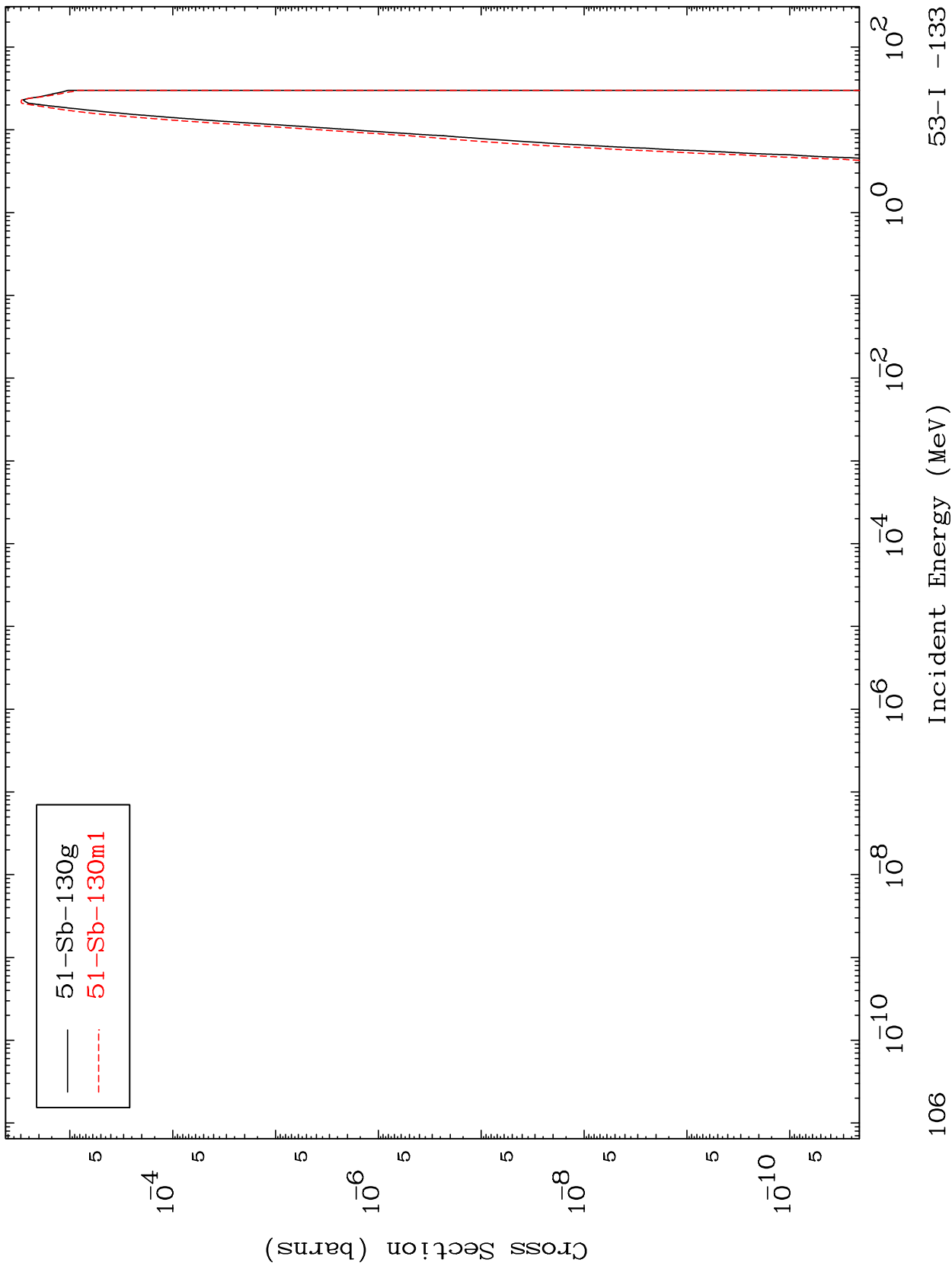
(n,t)
Radionuclide Production Cross Section



MAT 5343

53-I -133

Radionuclide Production Cross Section

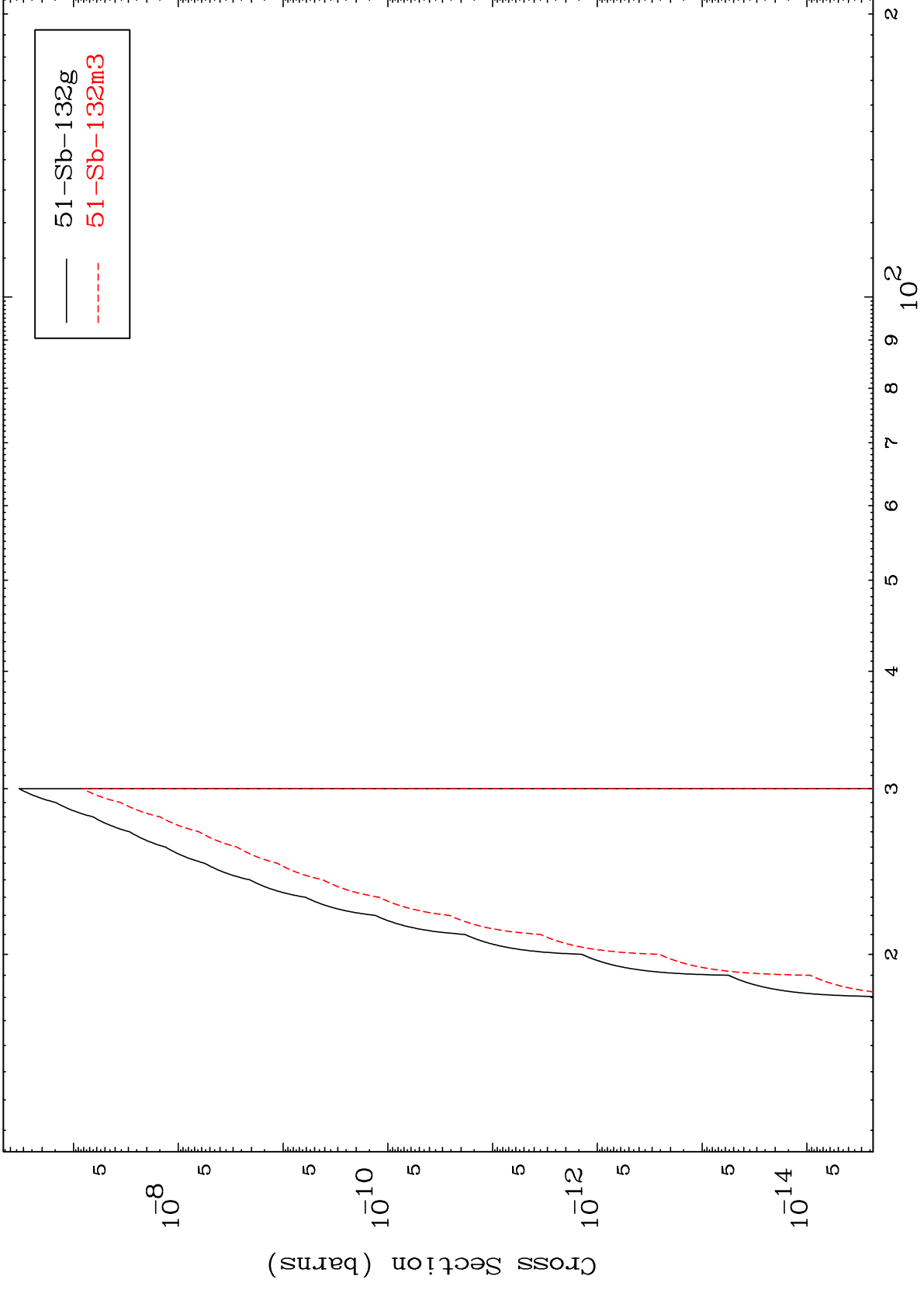


51-Sb-130g
51-Sb-130m1

MAT 5343

53-I -133

(n,2p)
Radionuclide Production Cross Section



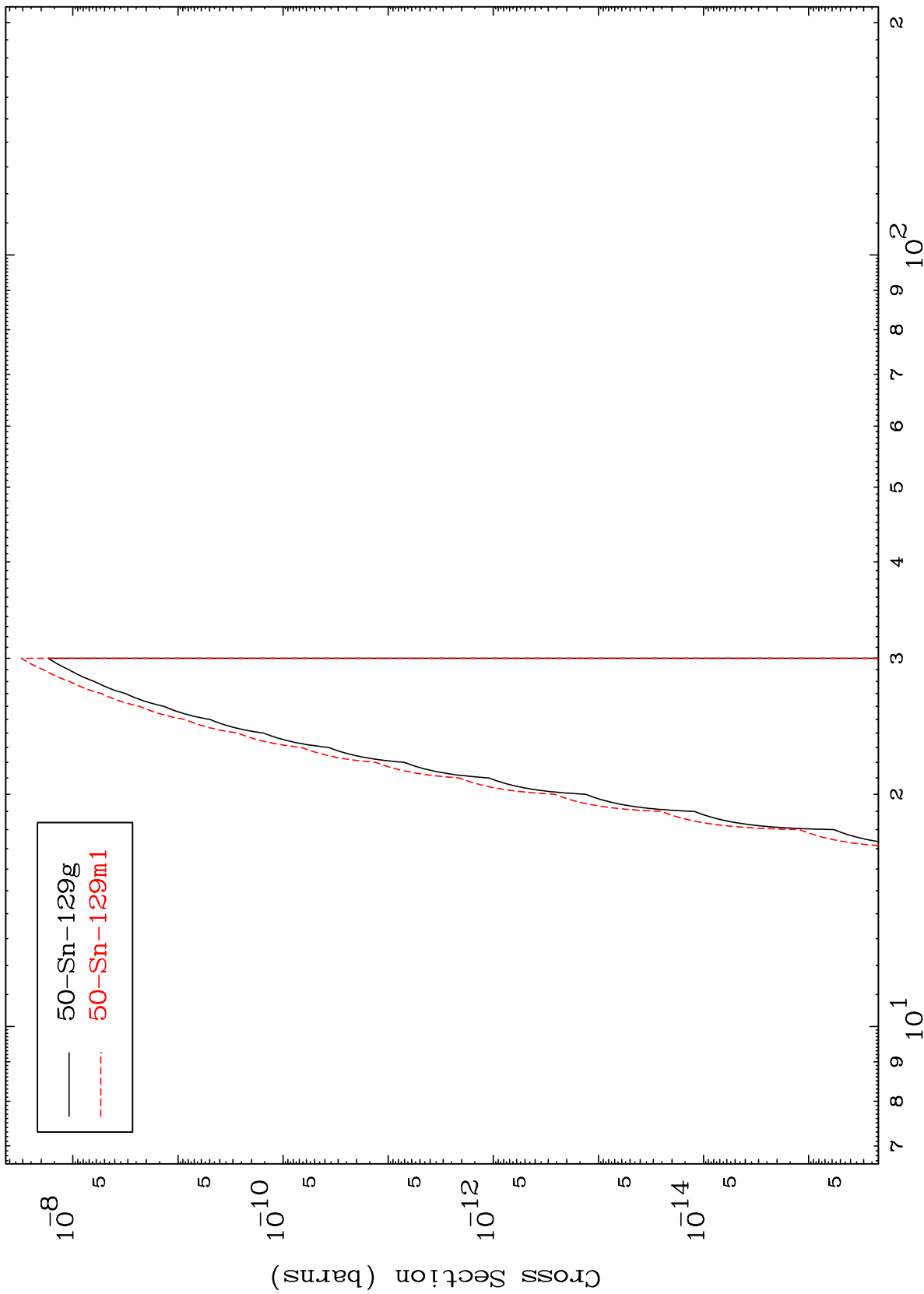
51-Sb-132g
51-Sb-132m3

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53-I -133

Incident Energy (MeV)

Radionuclide Production Cross Section



— 50-Sn-129g
- - - 50-Sn-129m1

Radionuclide Production Cross Section

