

Program EVALPLOT
(Version 2018-1)

by

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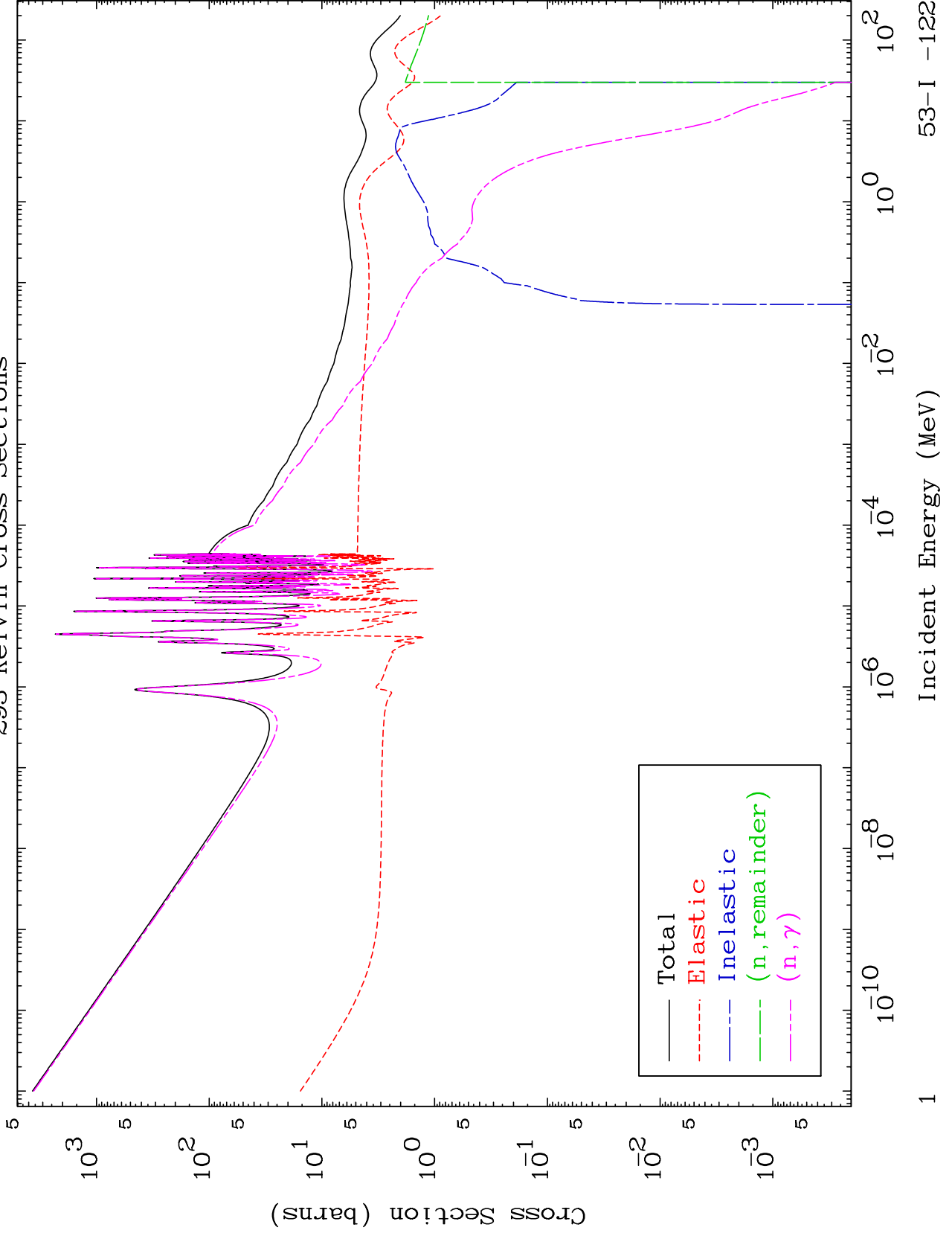
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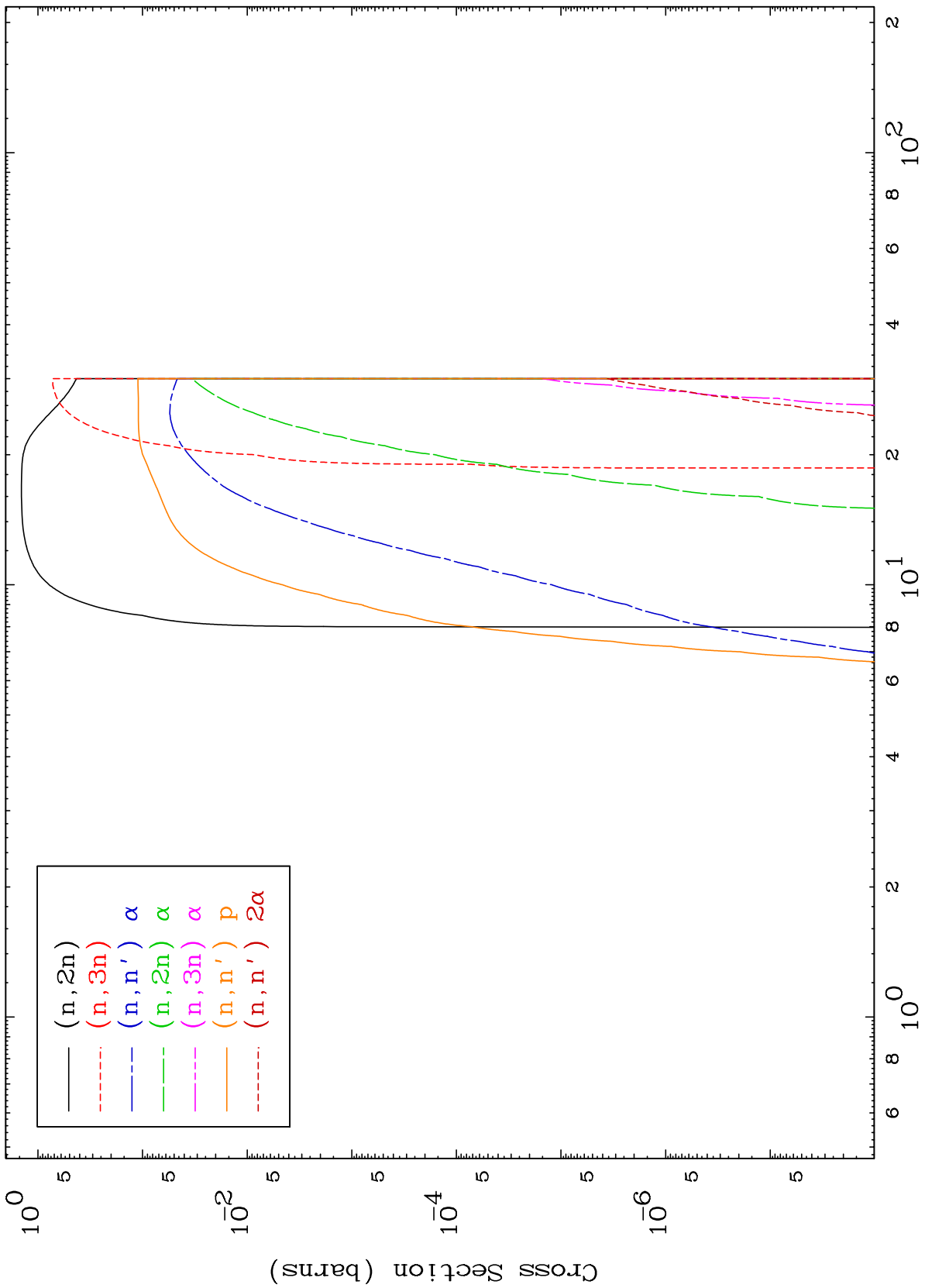
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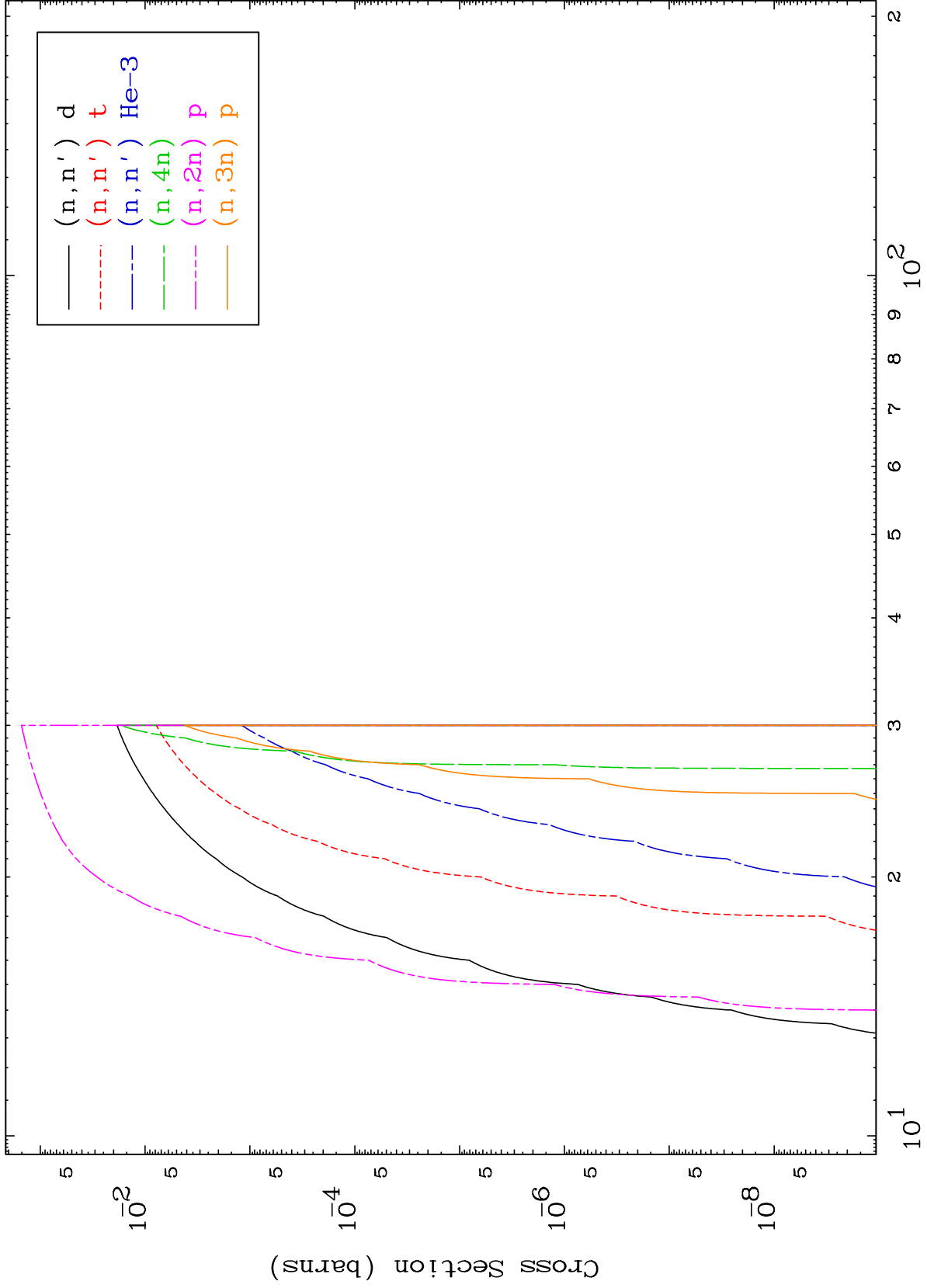
MAT 5310

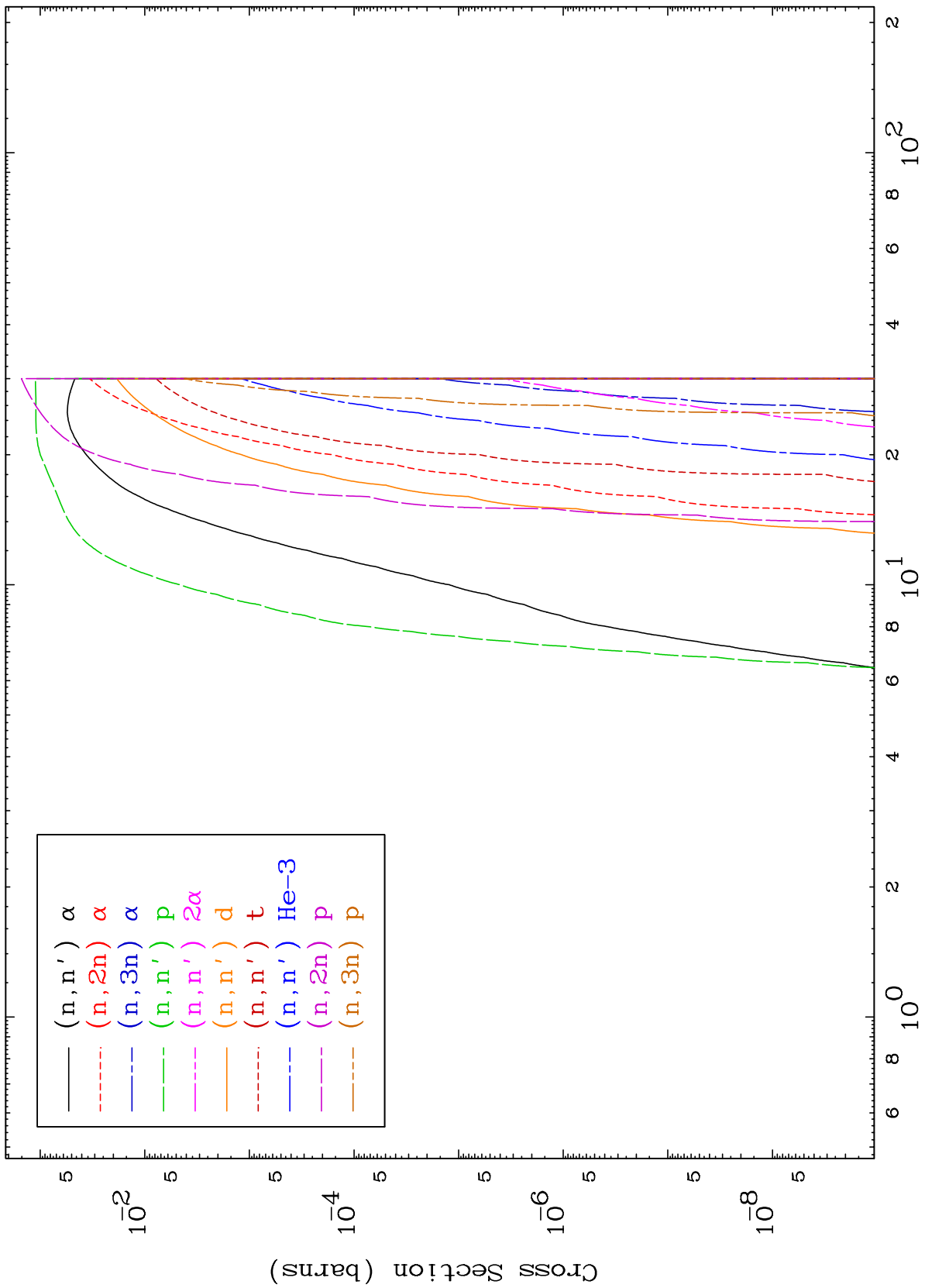
Major
293 Kelvin Cross Sections

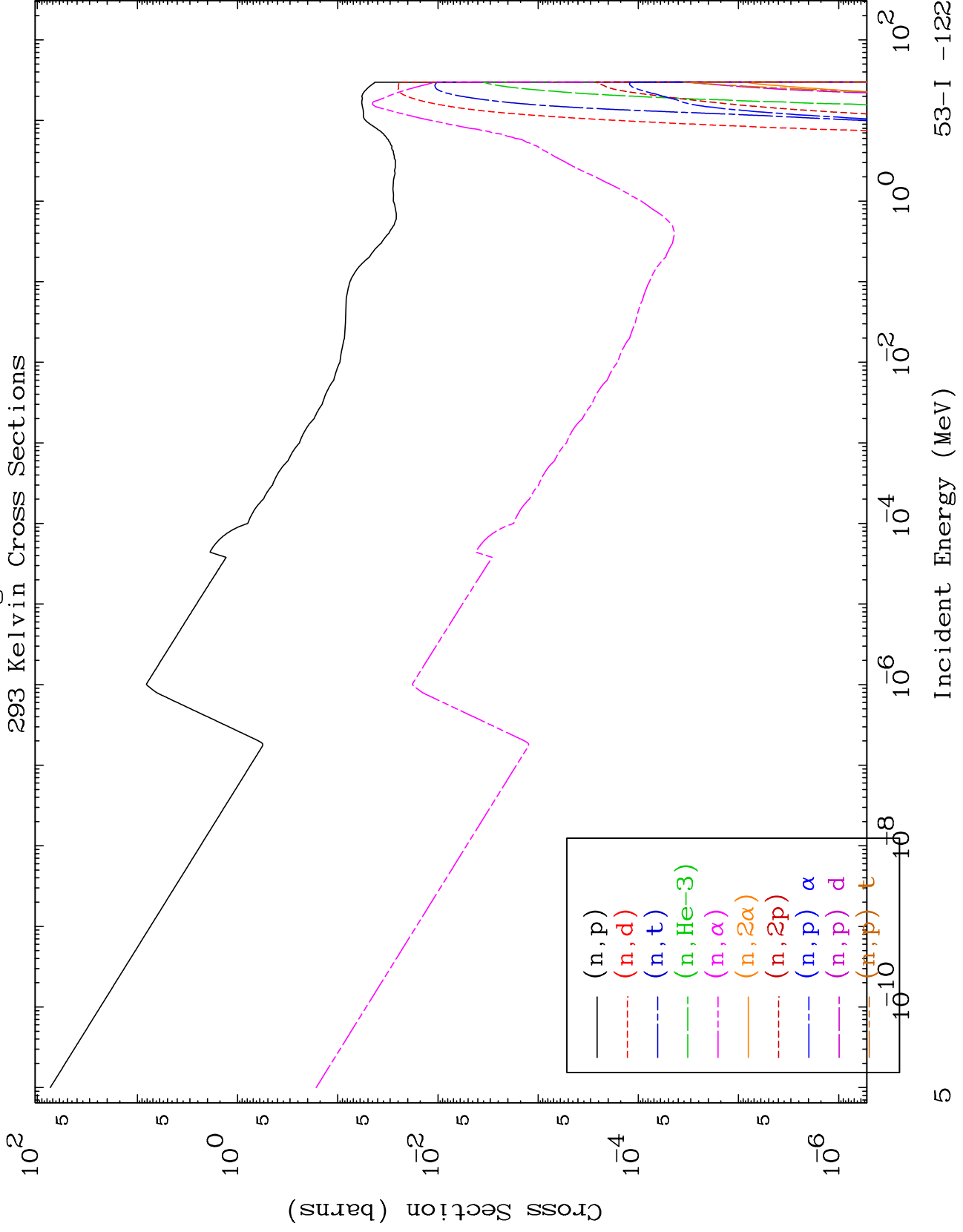
53-I -122

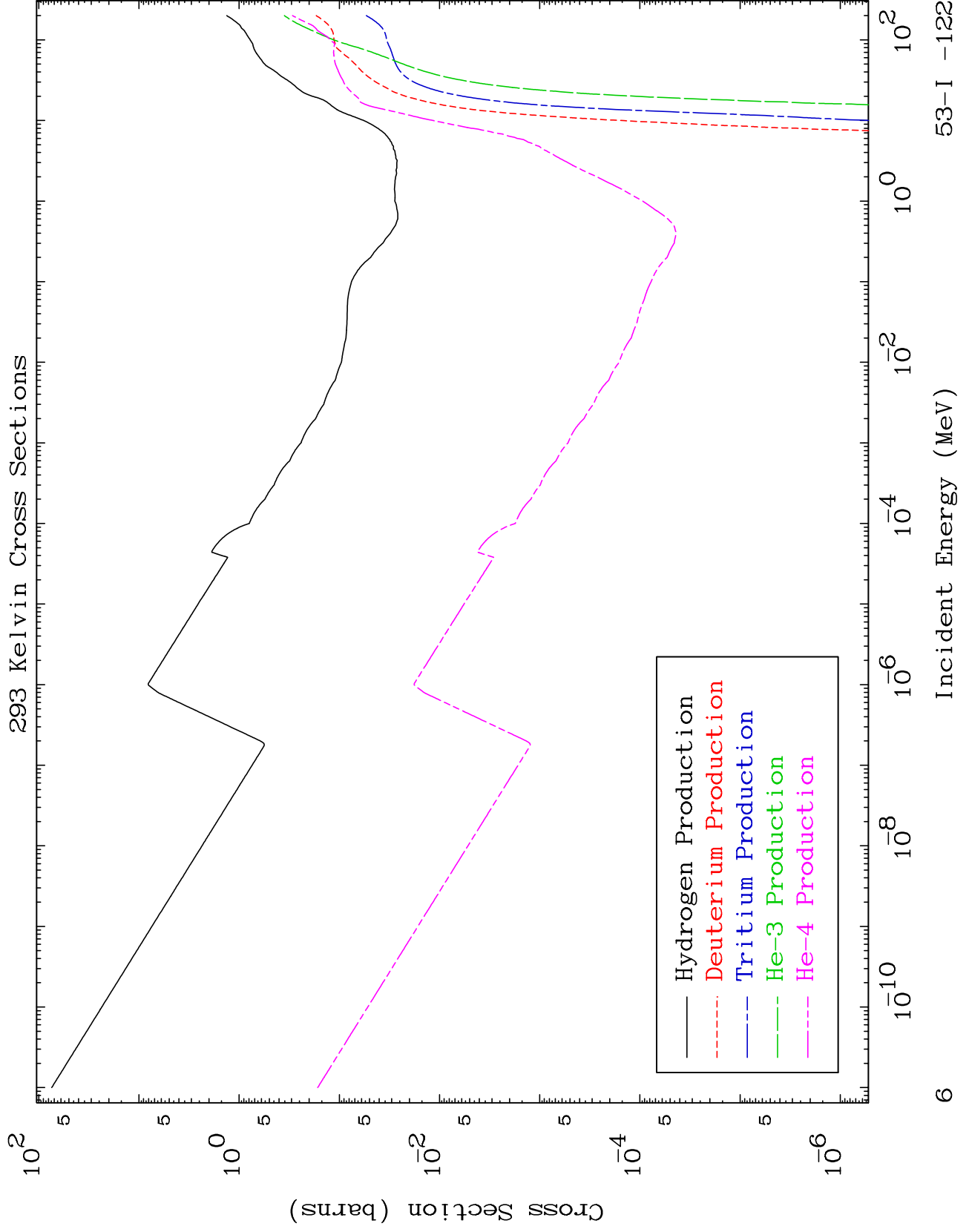








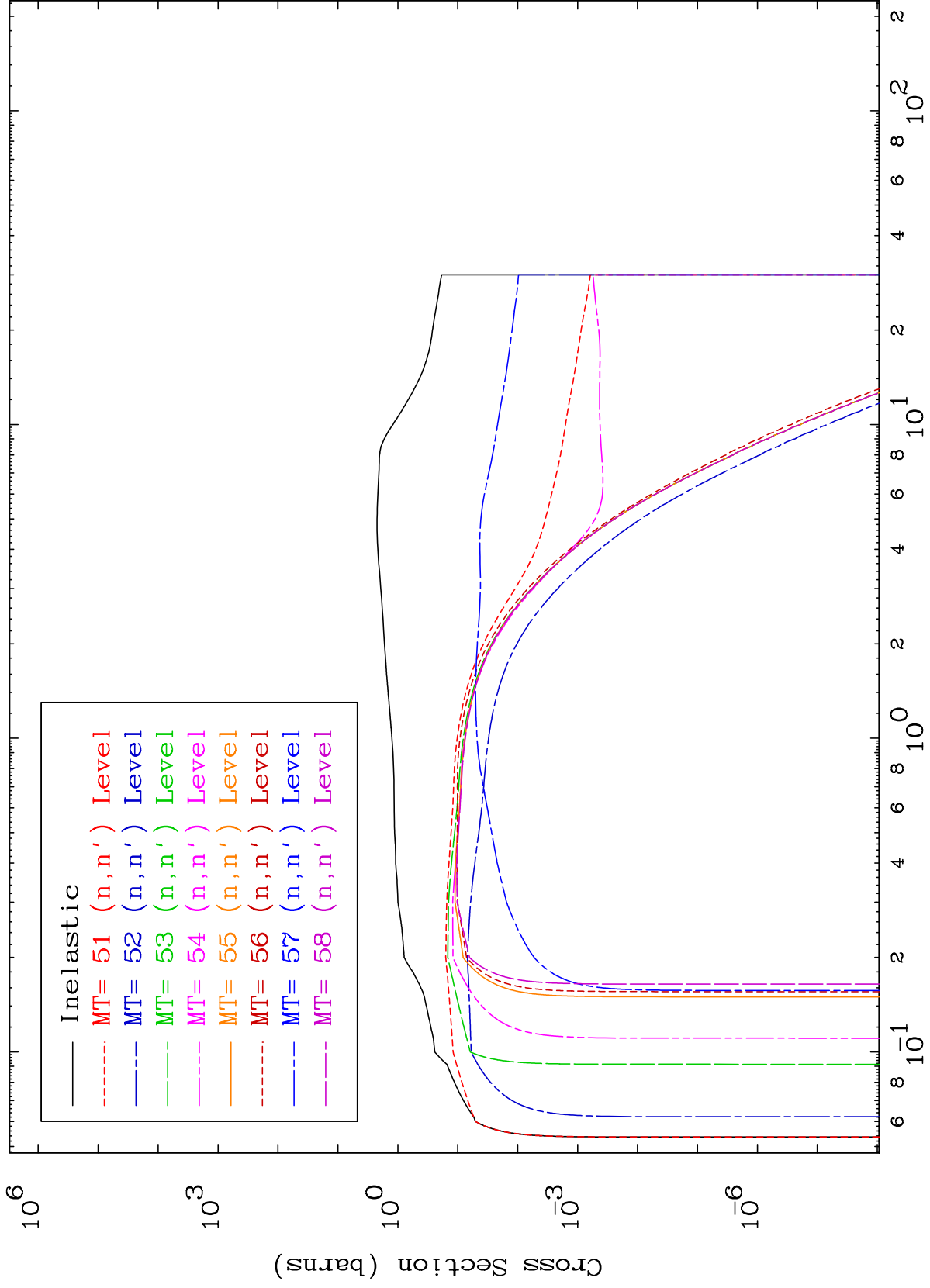




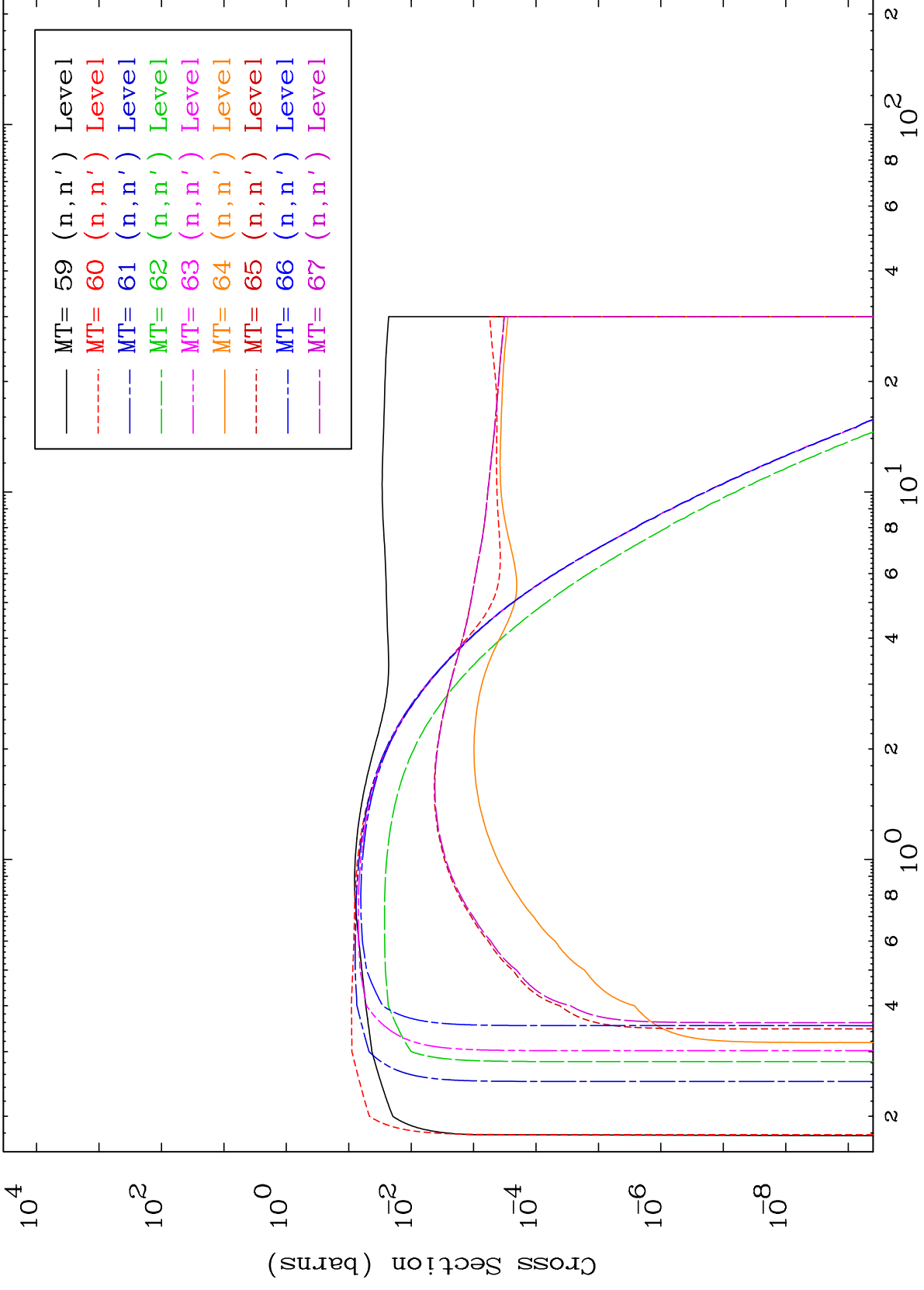
MAT 5310

(n,n') Level
293 Kelvin Cross Sections

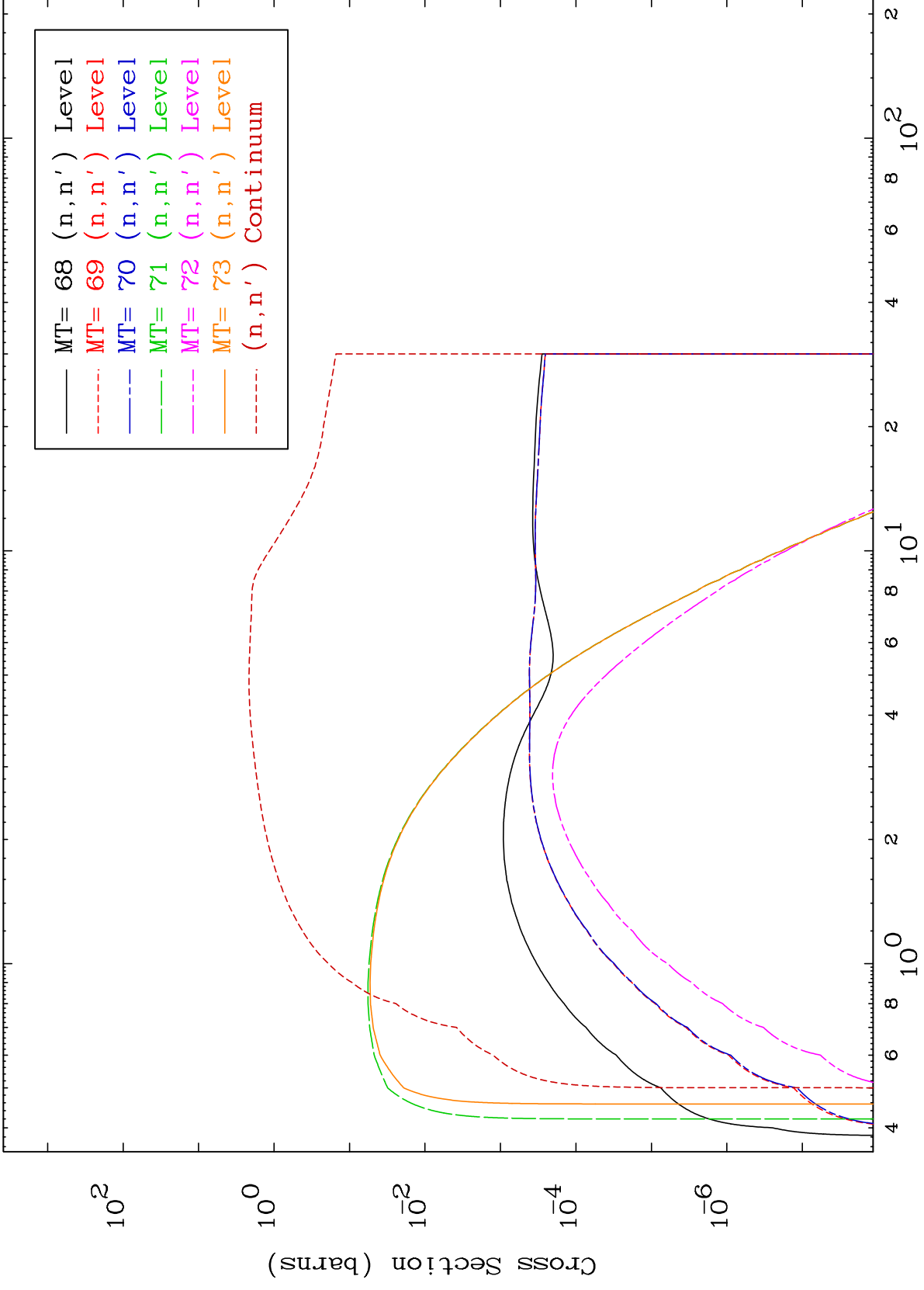
53-I -122



293 Kelvin Cross Sections



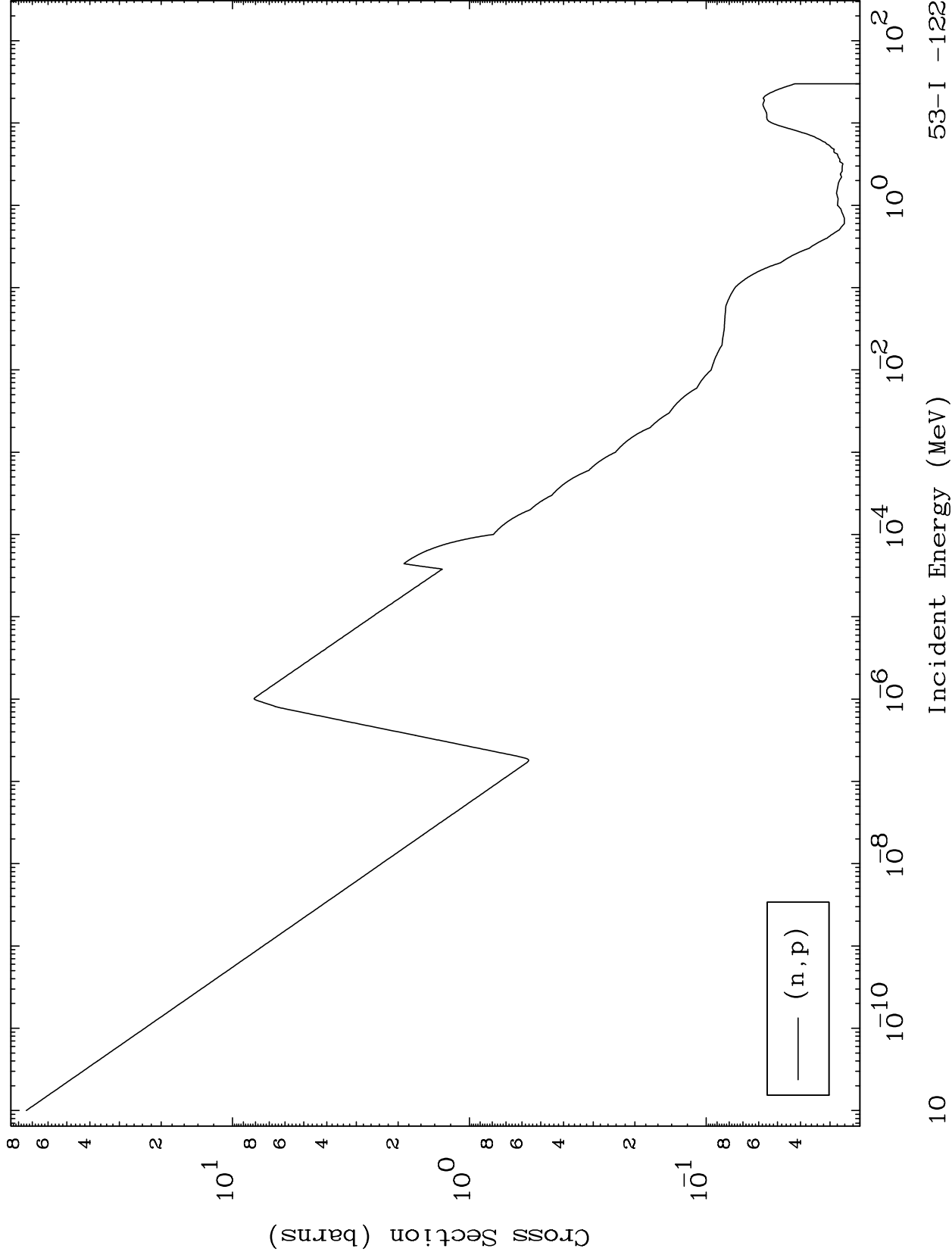
293 Kelvin Cross Sections



MAT 5310

(n,p) Levels
293 Kelvin Cross Sections

53-I -122



10

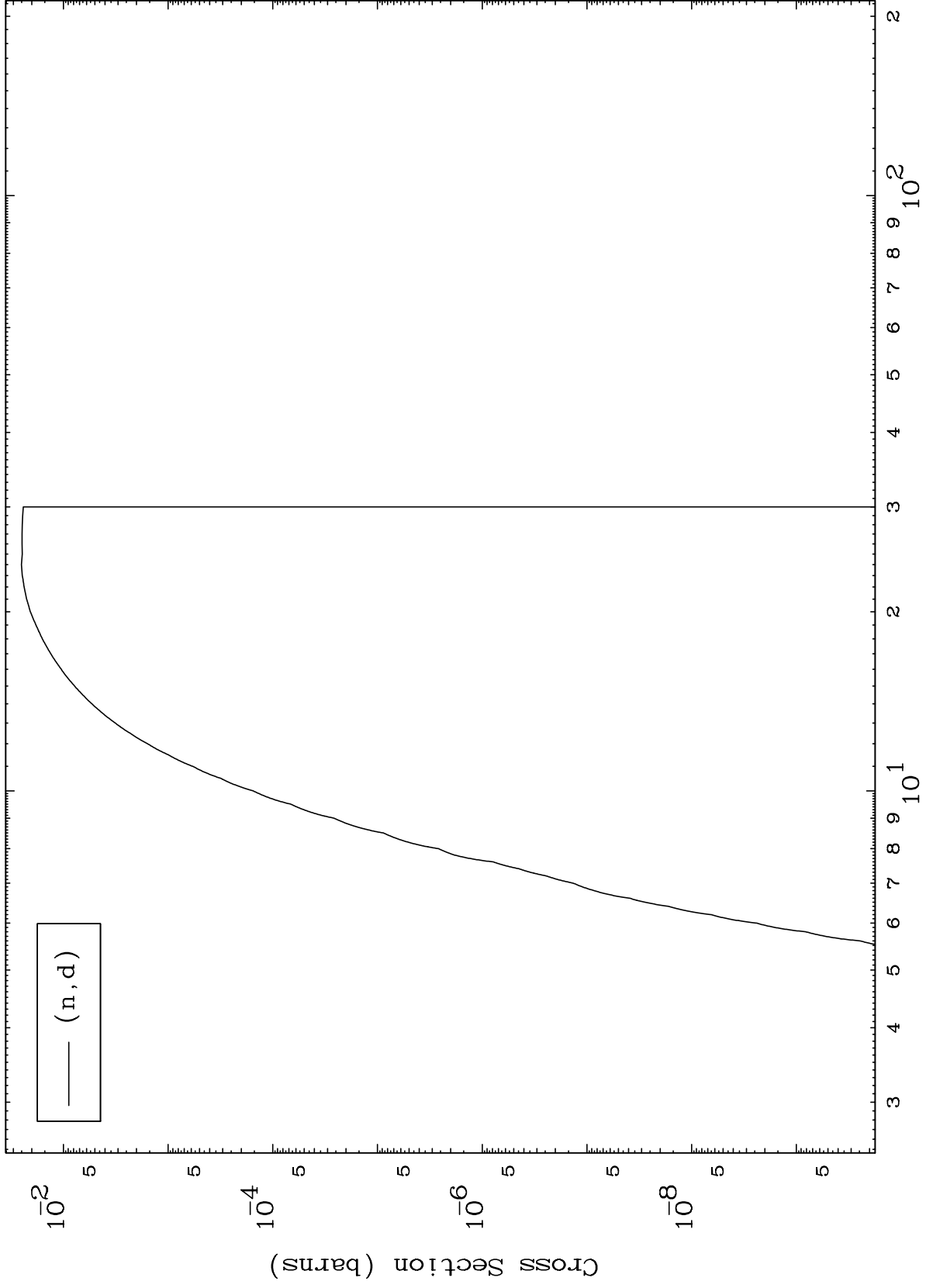
Incident Energy (MeV)

53-I -122

MAT 5310

(n,d) Levels
293 Kelvin Cross Sections

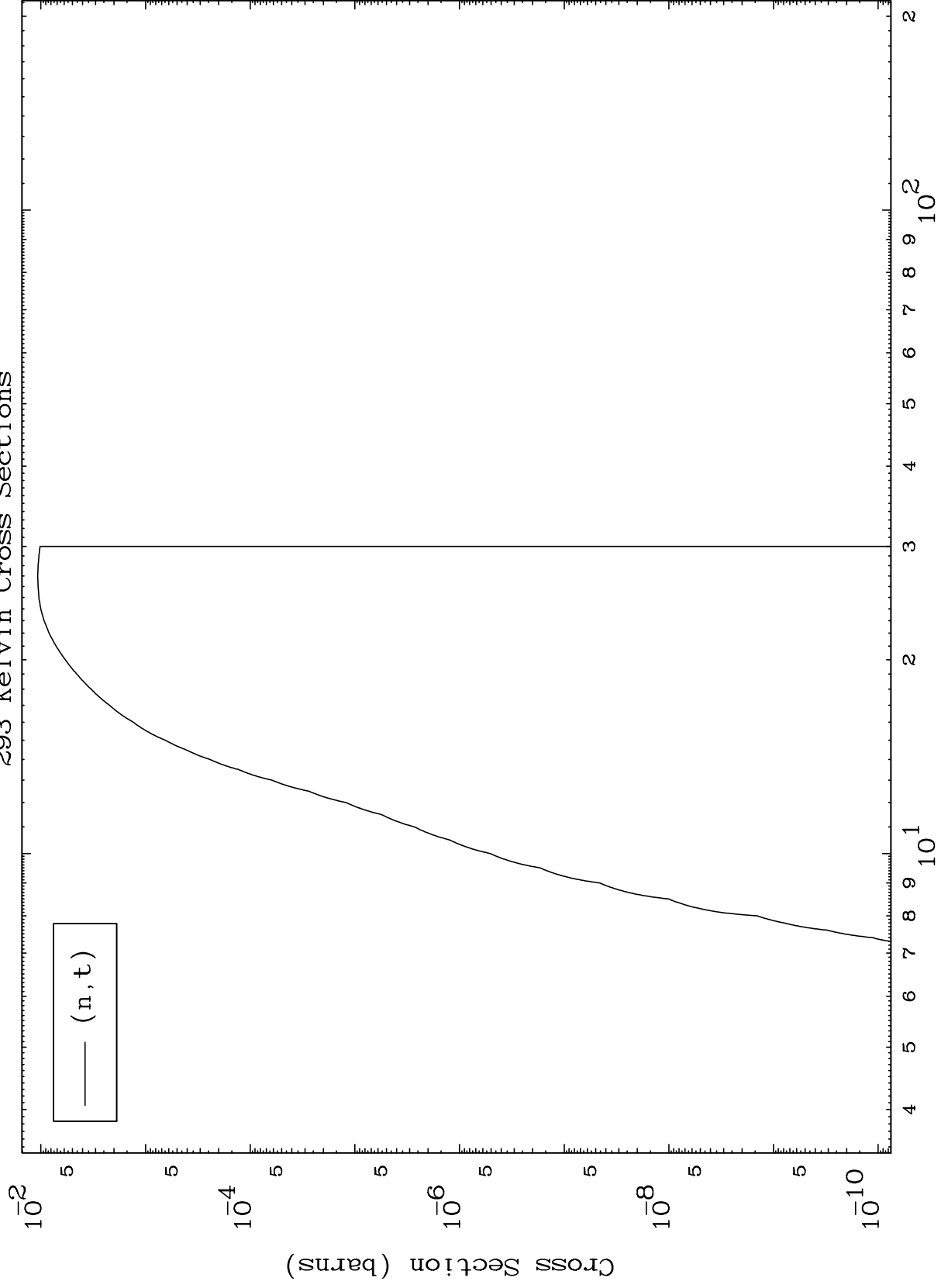
53-I -122



MAT 5310

(n,t) Levels
293 Kelvin Cross Sections

53-I -122



12

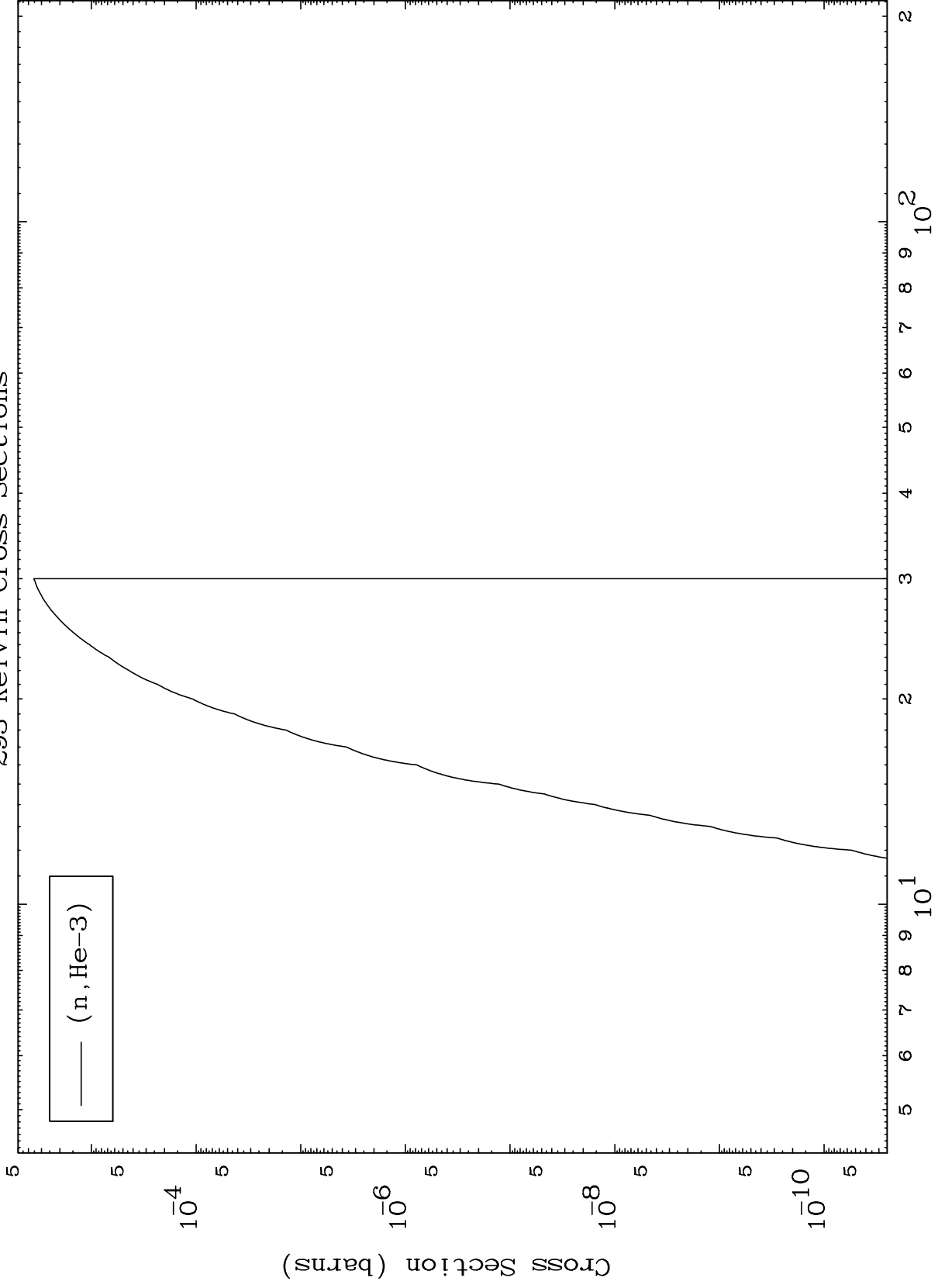
Incident Energy (MeV)

53-I -122

MAT 5310

(n,He3) Levels
293 Kelvin Cross Sections

53-I -122



13

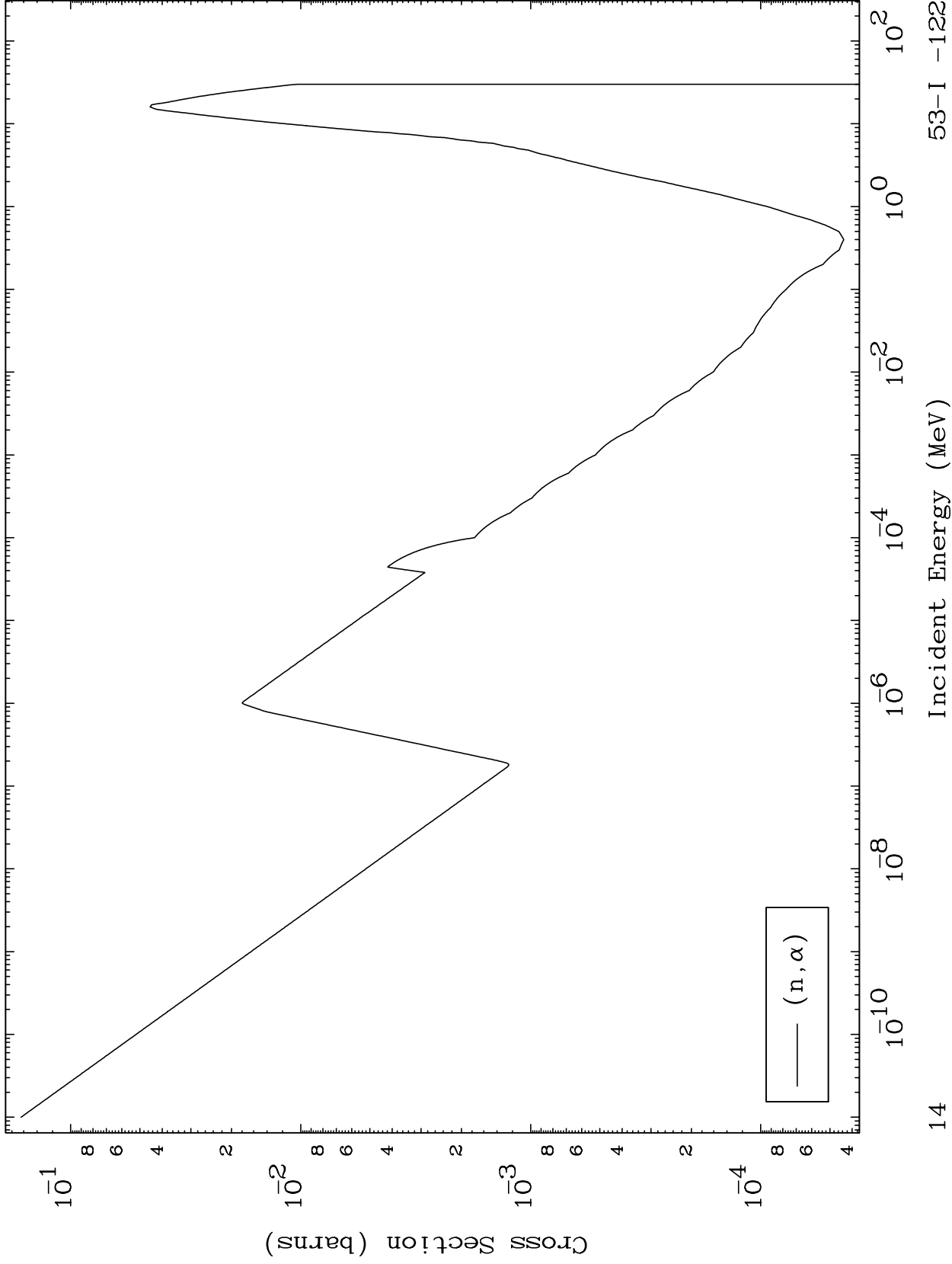
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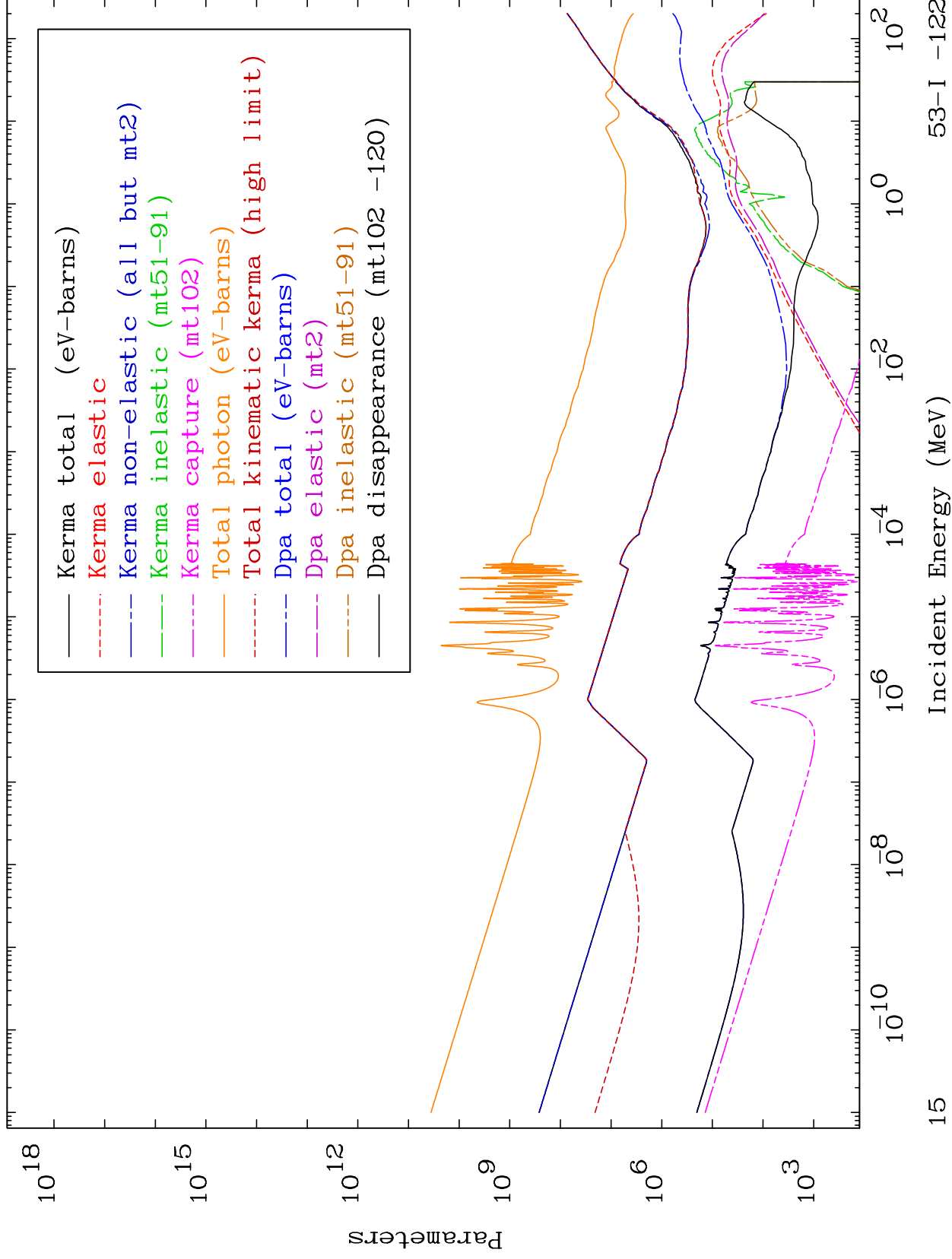
53-I -122

MAT 5310

(n,α) Levels
293 Kelvin Cross Sections

53-I -122

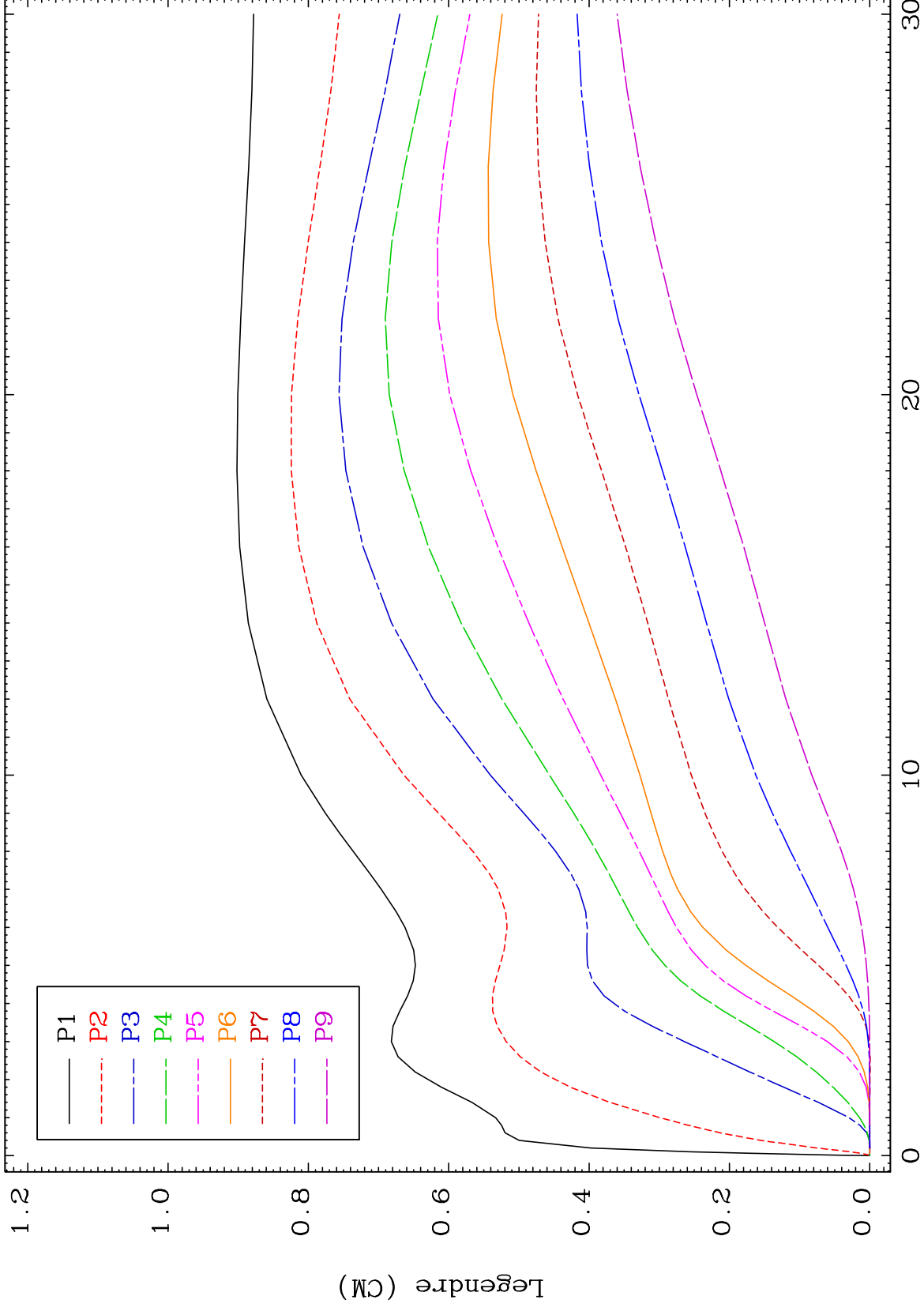




MAT 5310

Elastic Legendre Coefficients

53-I -122



16

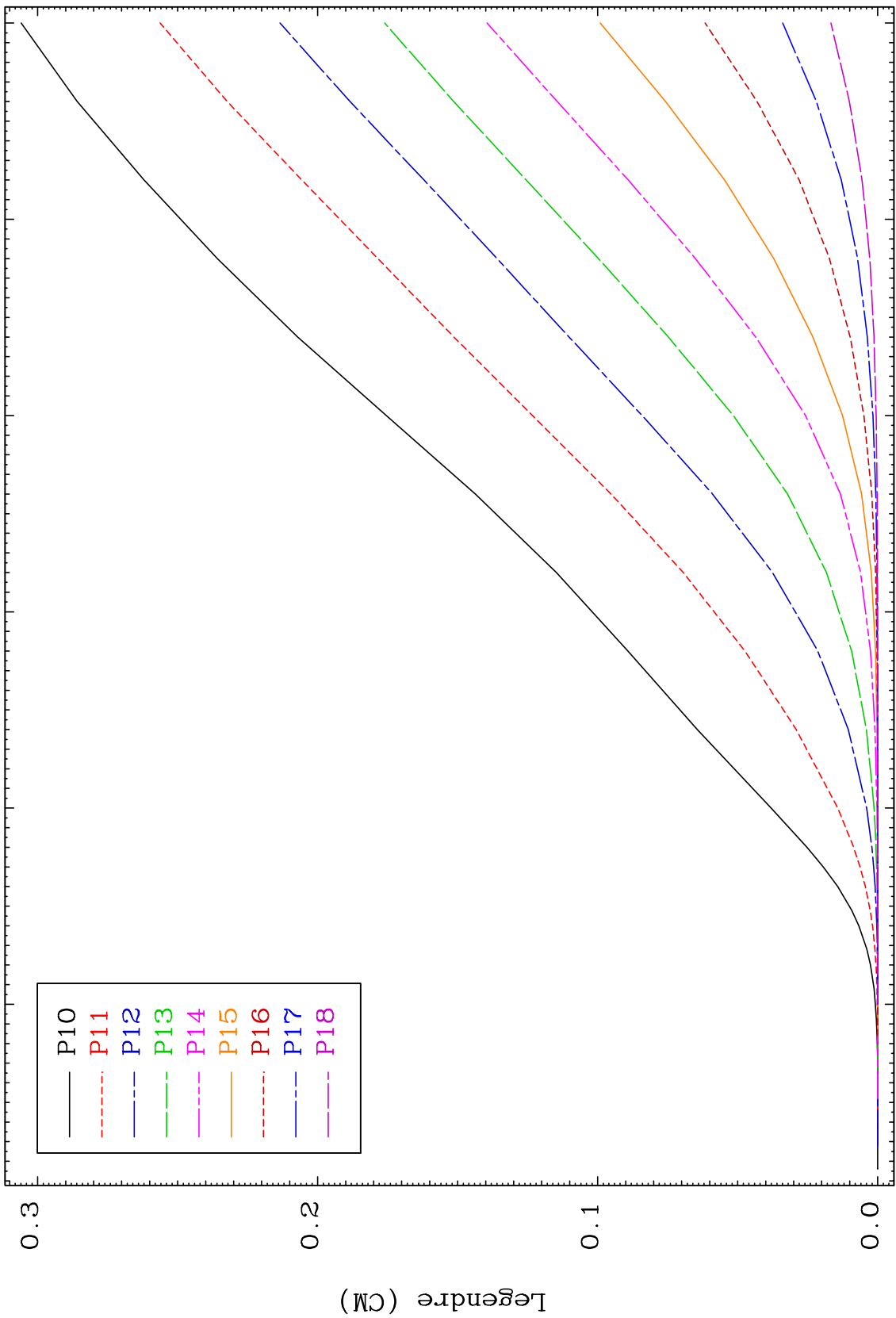
Incident Energy (MeV)

53-I -122

MAT 5310

Elastic Legendre Coefficients

53-I -122



17

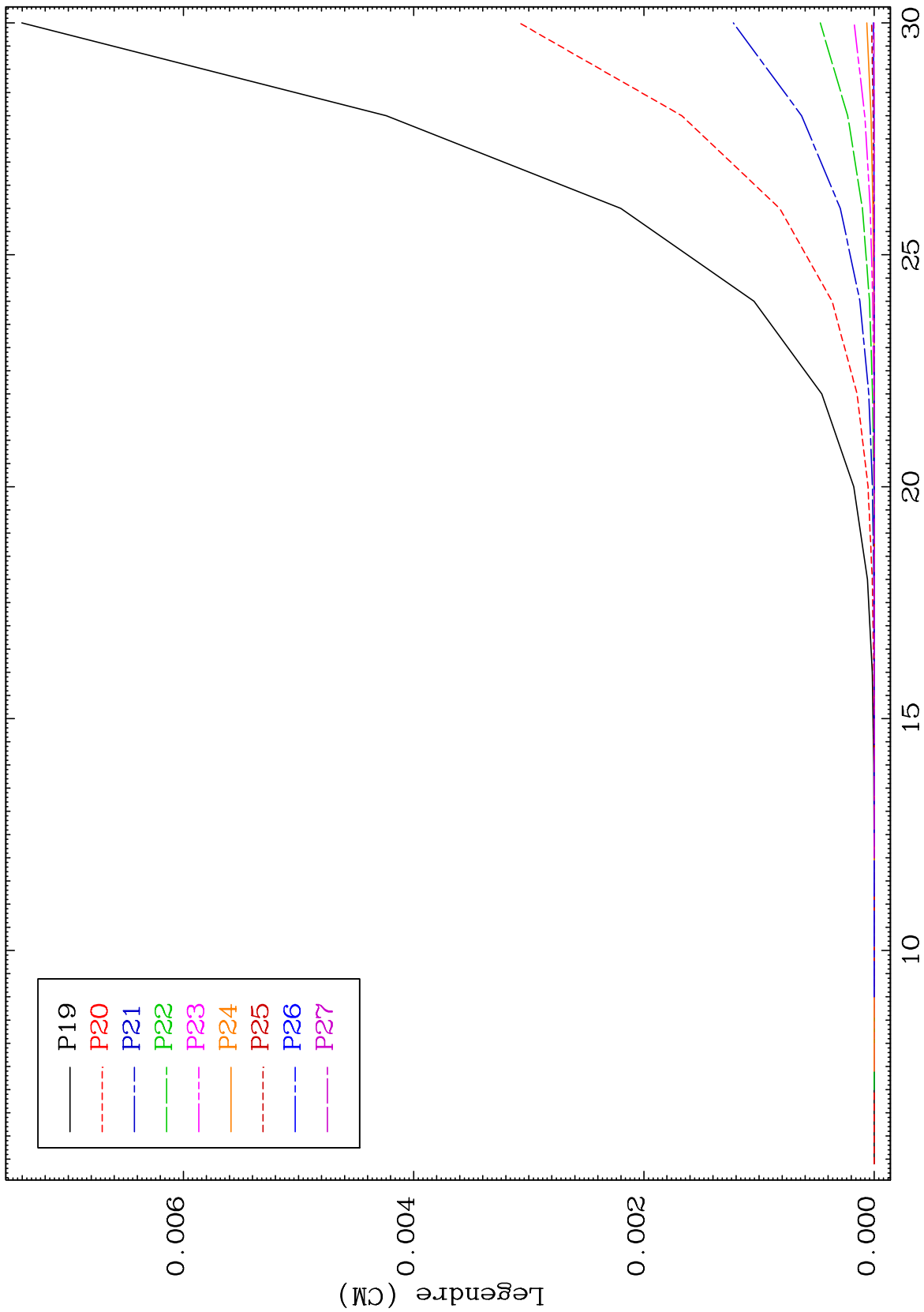
Incident Energy (MeV)

53-I -122

MAT 5310

Elastic Legendre Coefficients

53-I -122



18

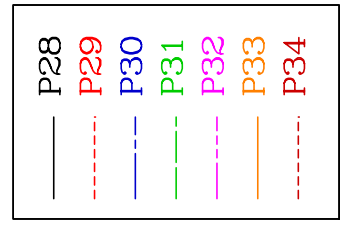
Incident Energy (MeV)

53-I -122

MAT 5310

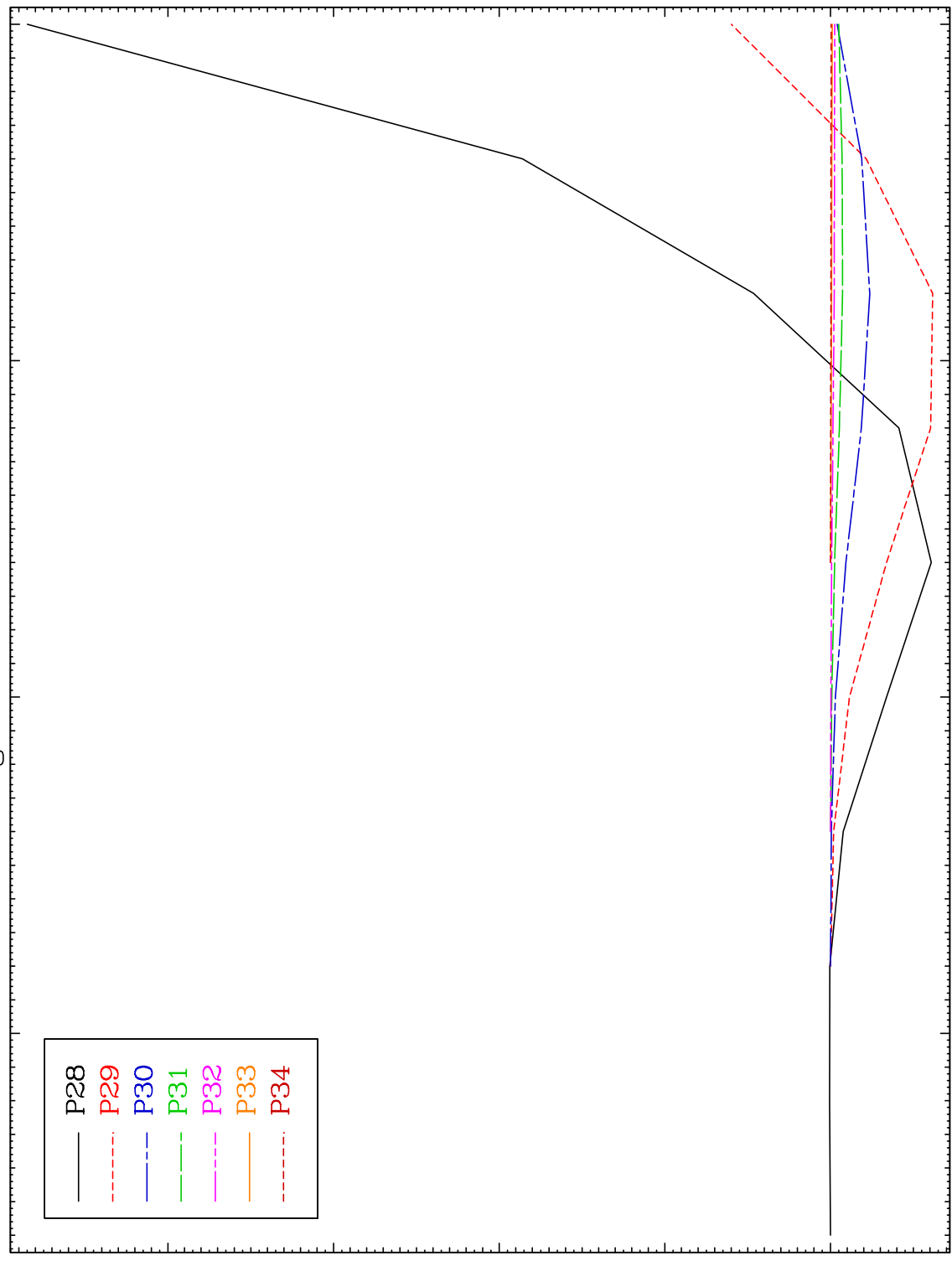
Elastic Legendre Coefficients

53-I -122



$\times 10^{-7}$

Legendre (CM)



19

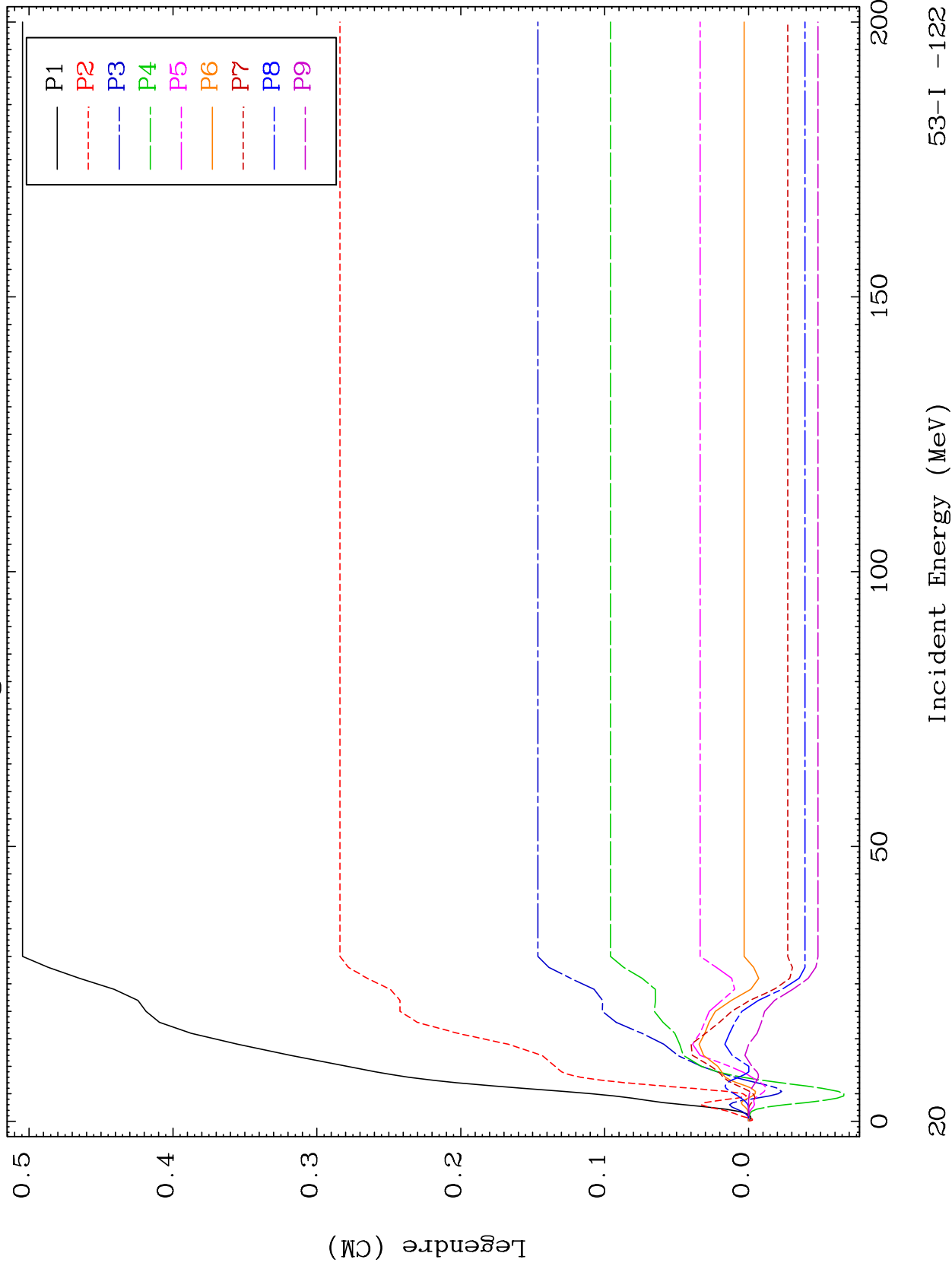
Incident Energy (MeV)

53-I -122

MAT 5310

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

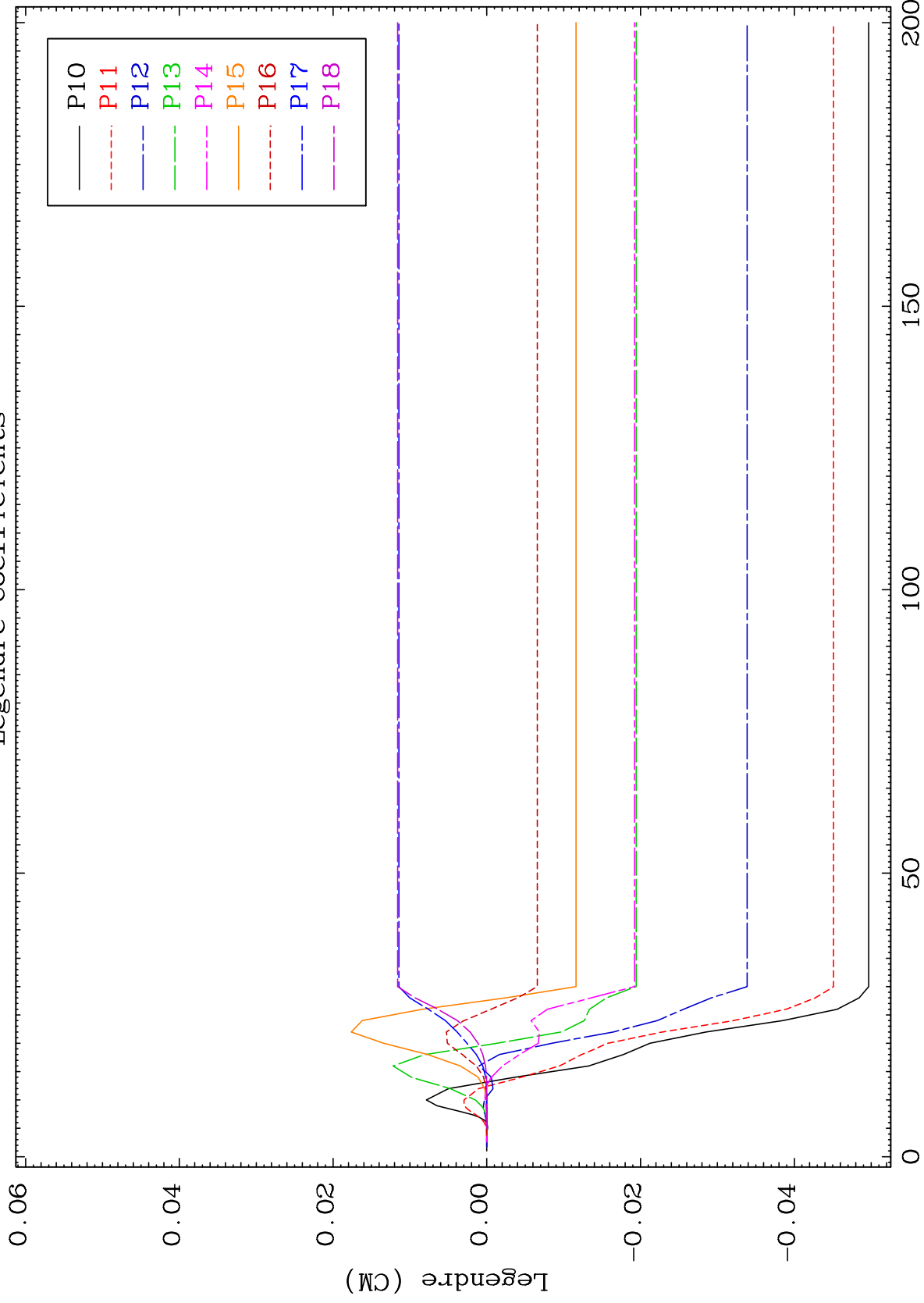
53-I -122



MAT 5310

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

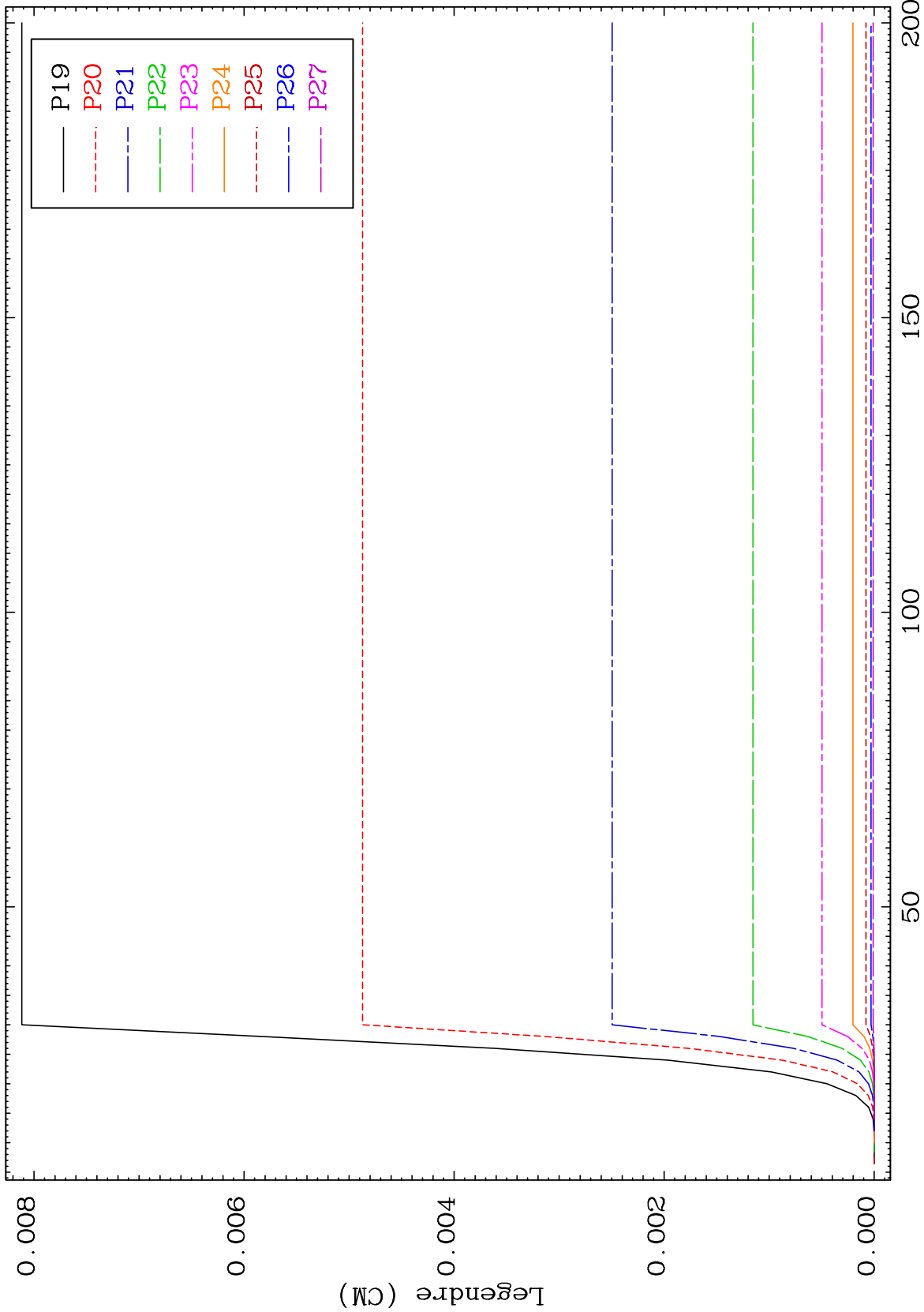
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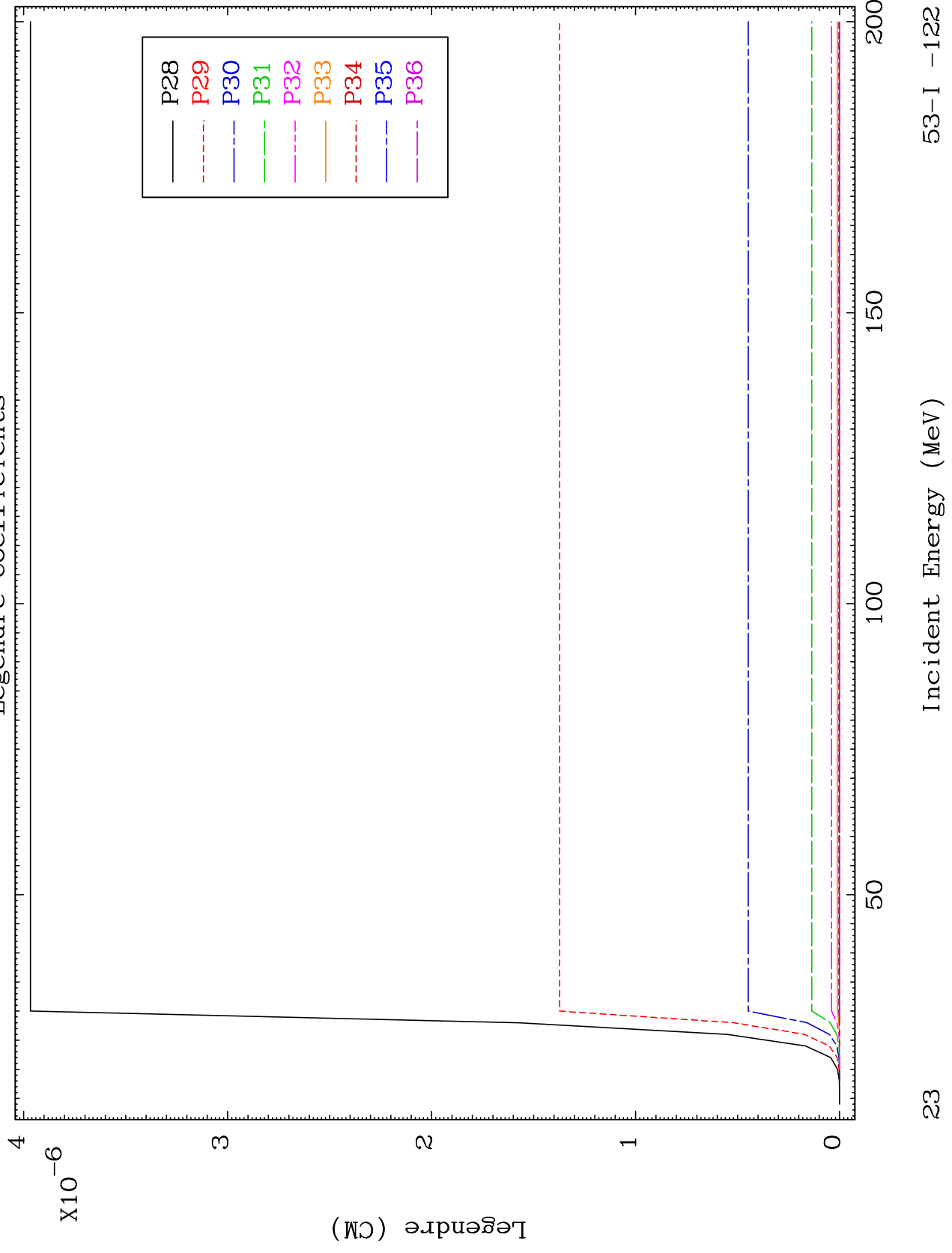


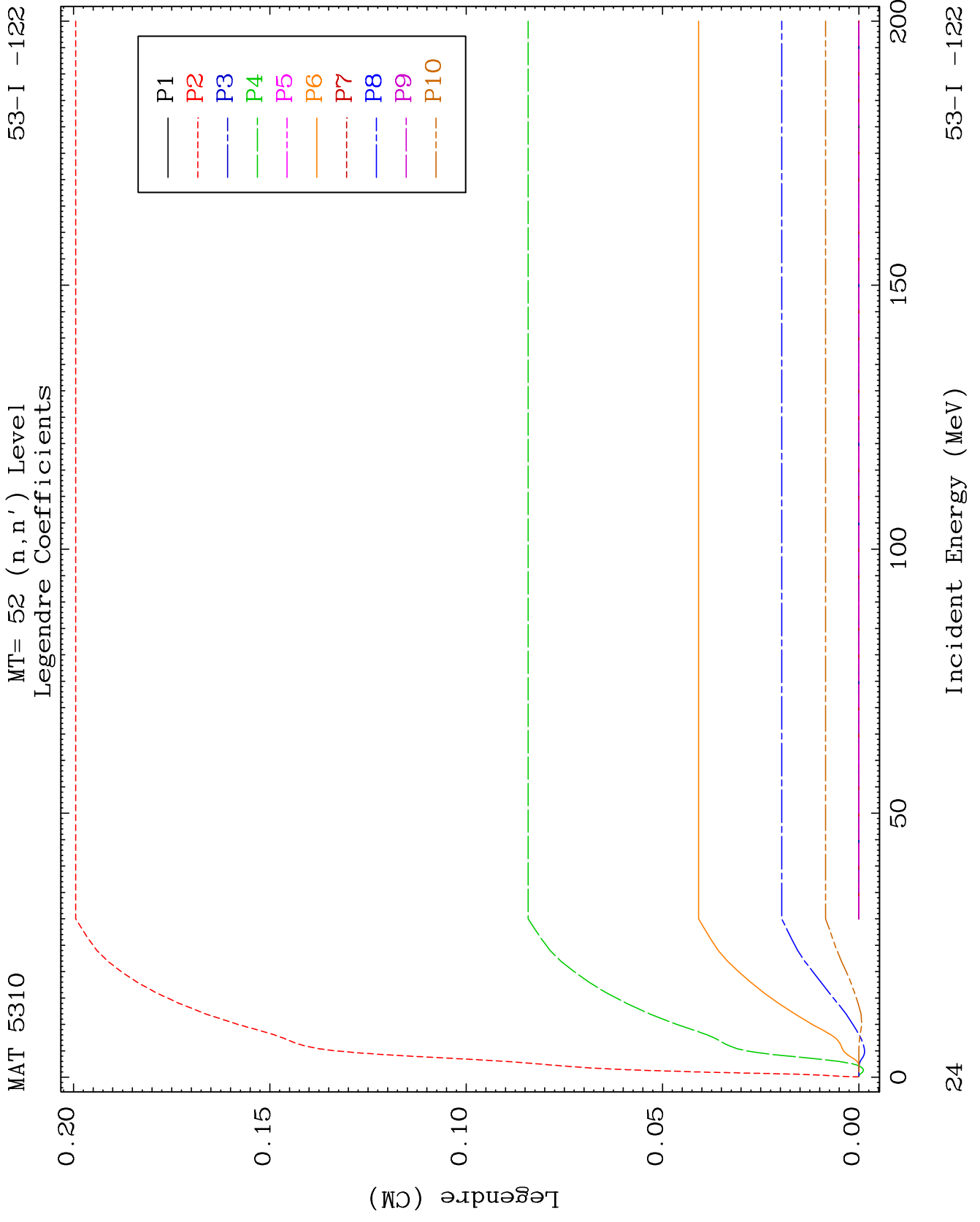
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Incident Energy (MeV)

53-I -122



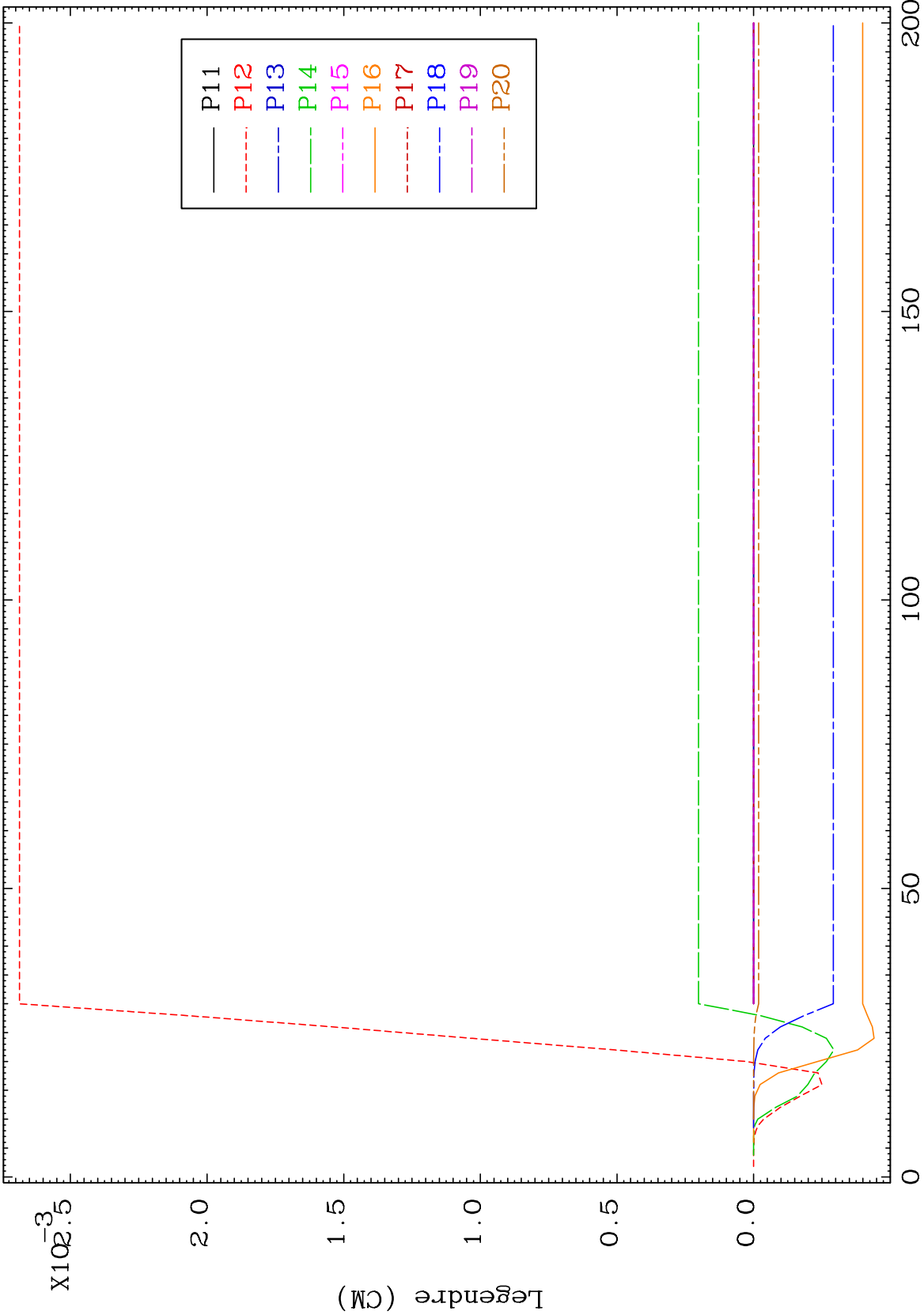




MAT 5310

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

53-I -122



25

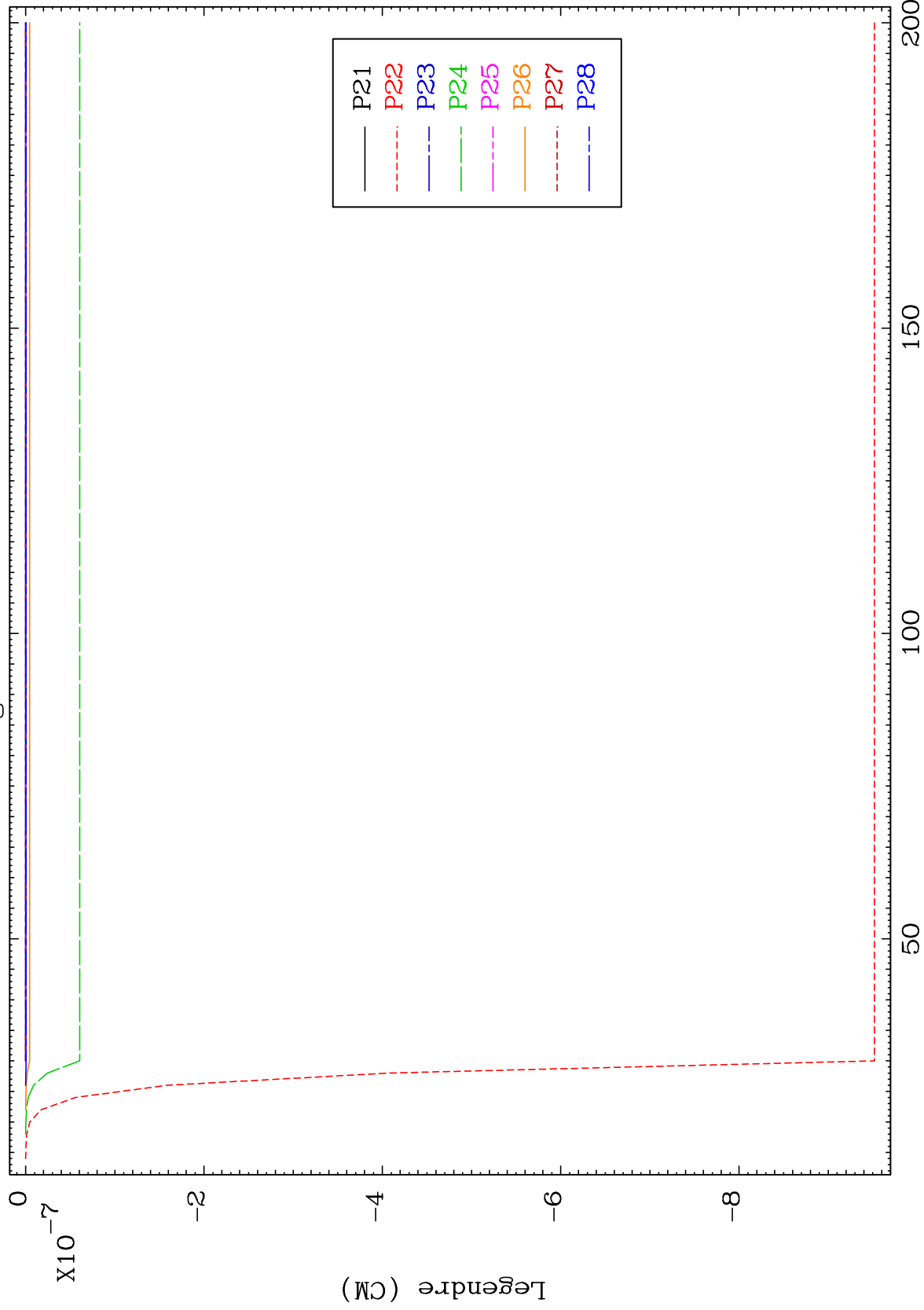
Incident Energy (MeV)

53-I -122

MAT 5310

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

53-I -122



26

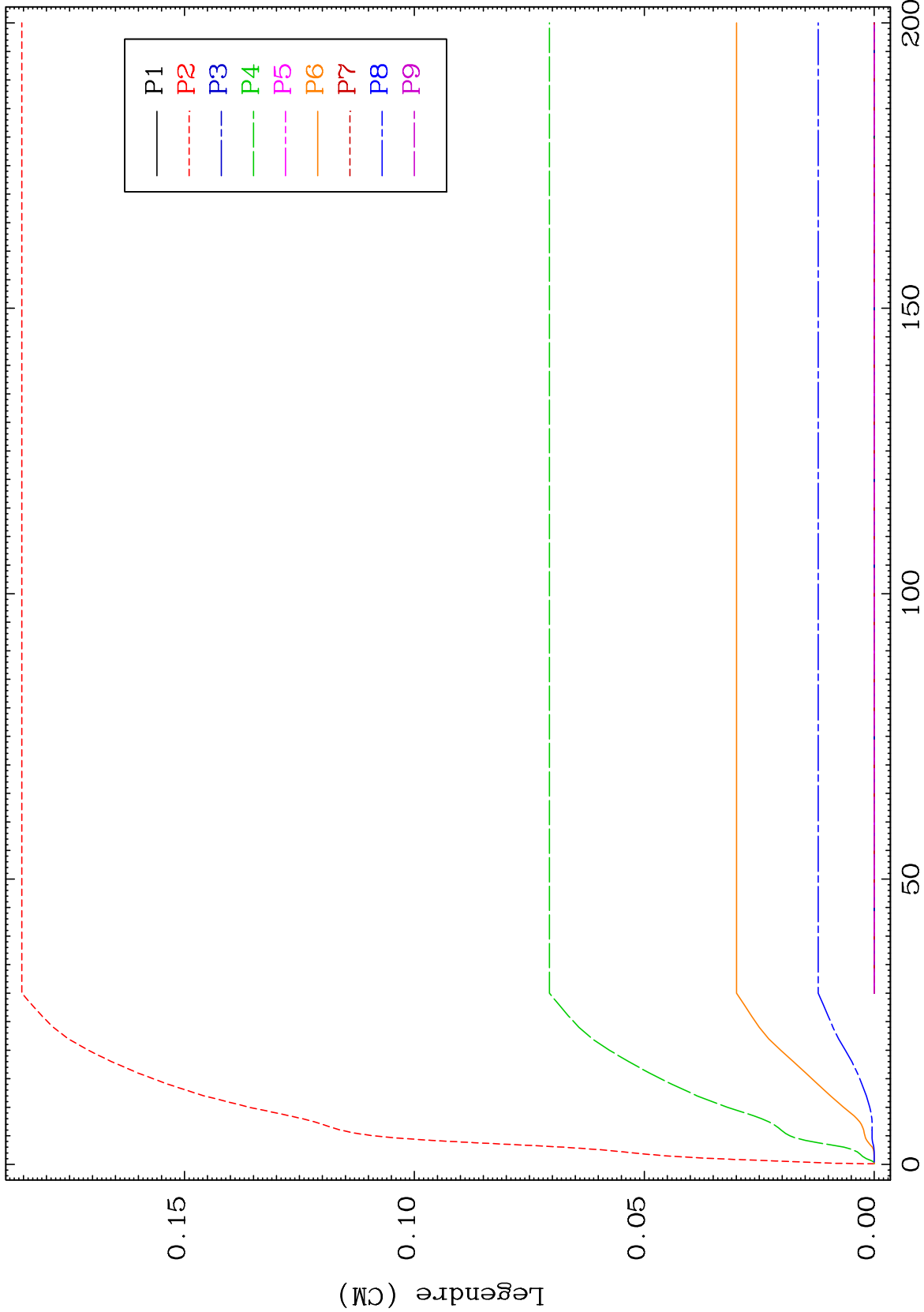
Incident Energy (MeV)

53-I -122

MAT 5310

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

53-I -122



27

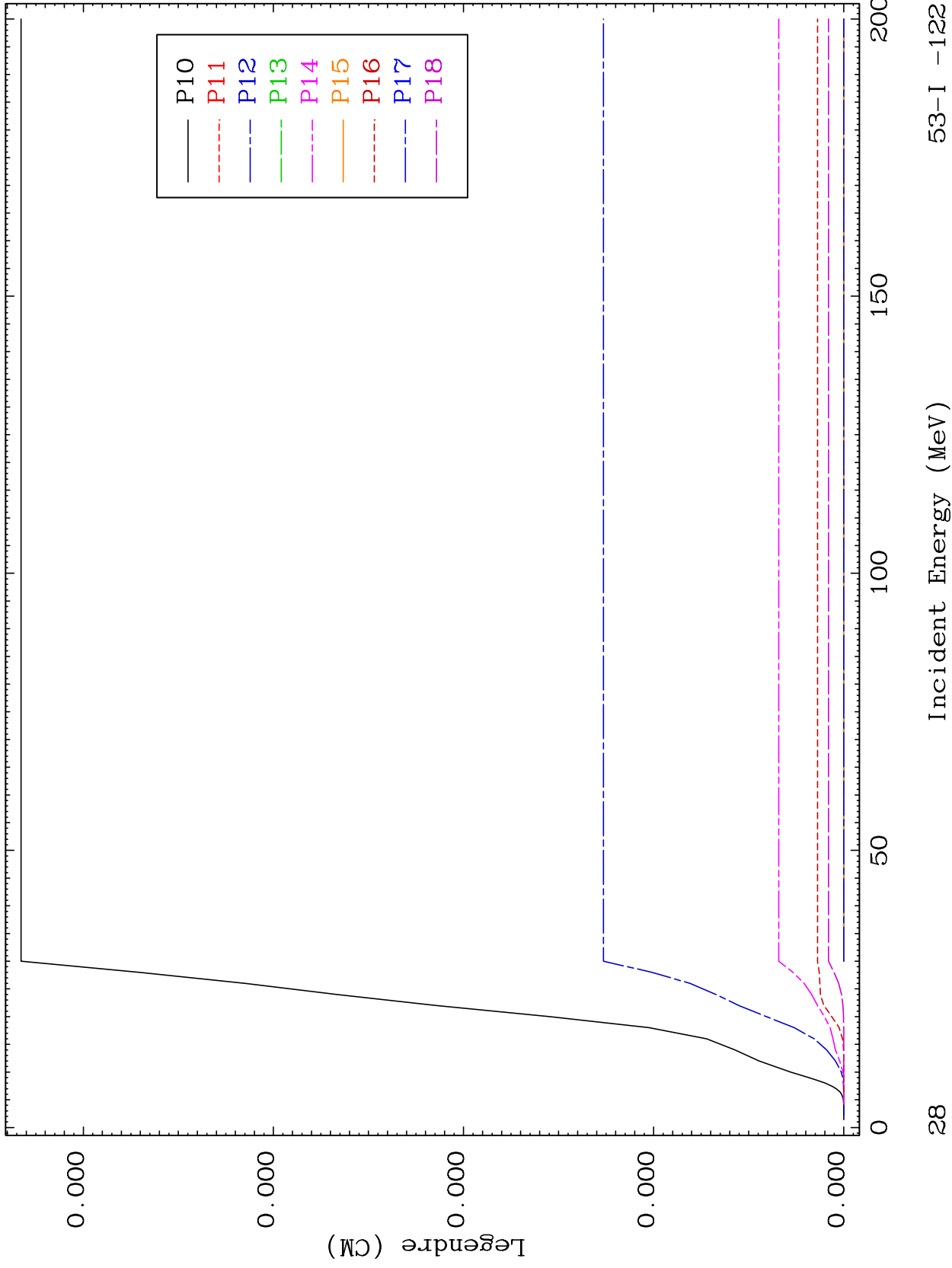
Incident Energy (MeV)

53-I -122

MAT 5310

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

53-I -122



28

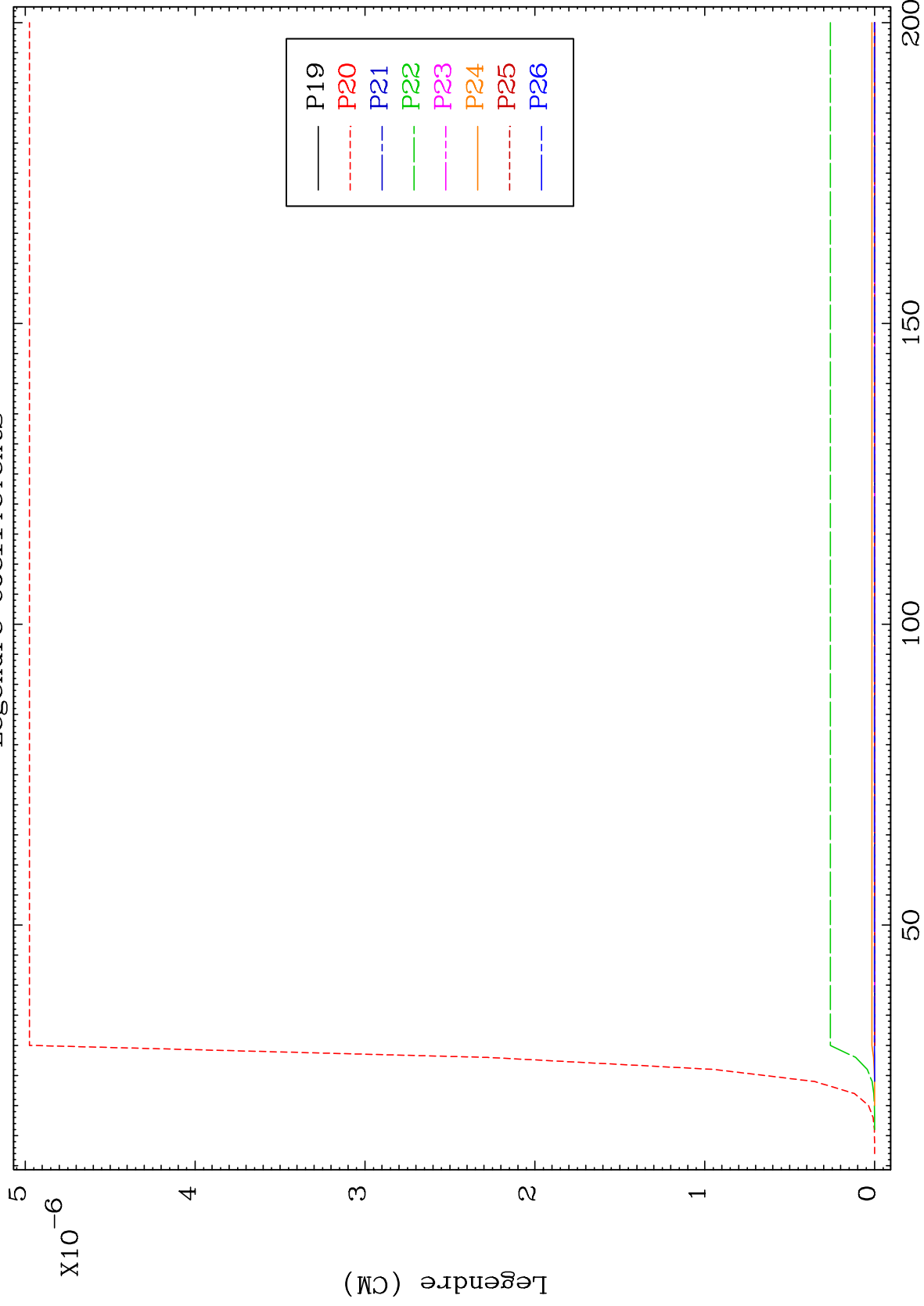
Incident Energy (MeV)

53-I -122

MAT 5310

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

53-I -122



29

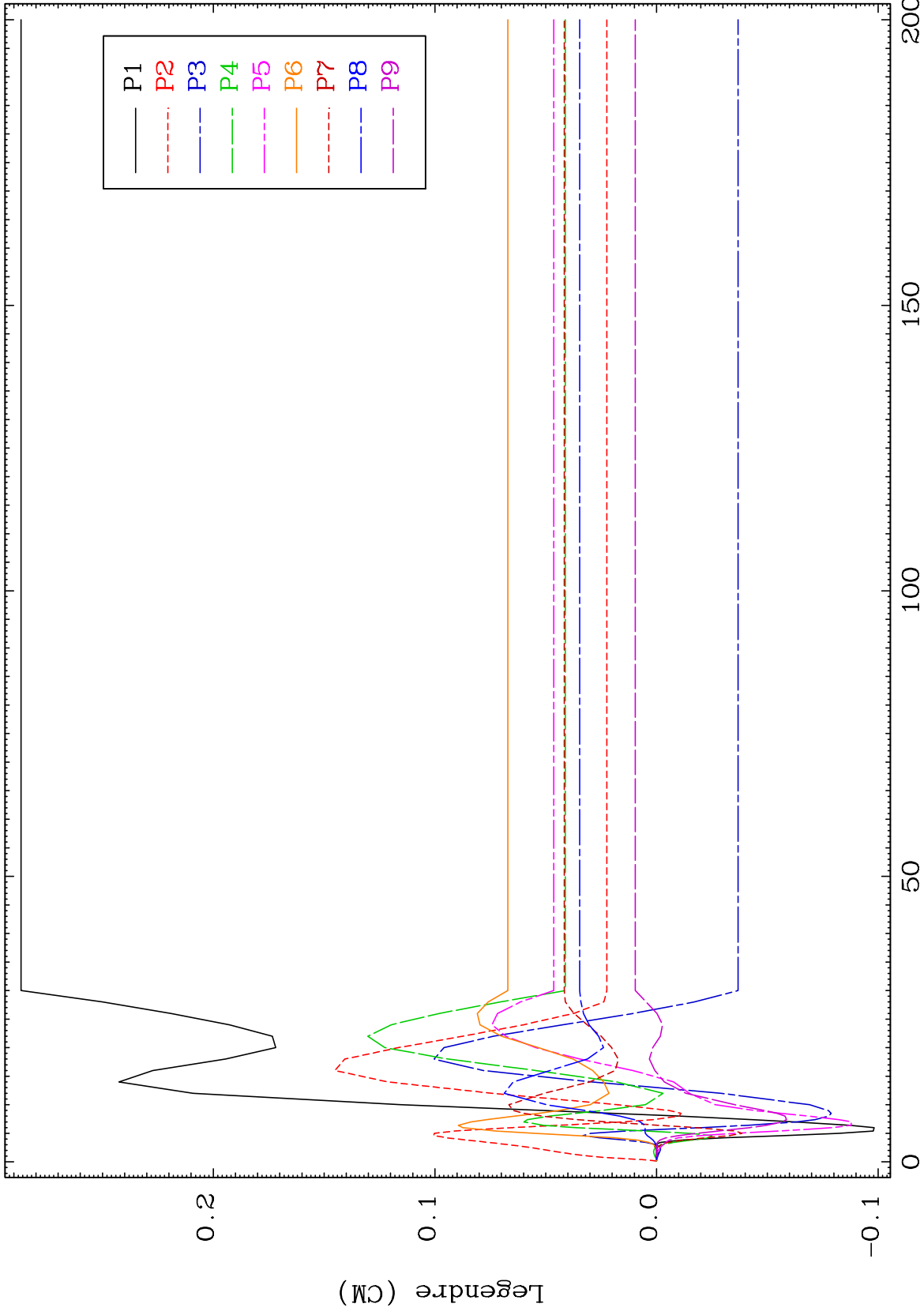
Incident Energy (MeV)

53-I -122

MAT 5310

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

53-I -122



53-I -122

Incident Energy (MeV)

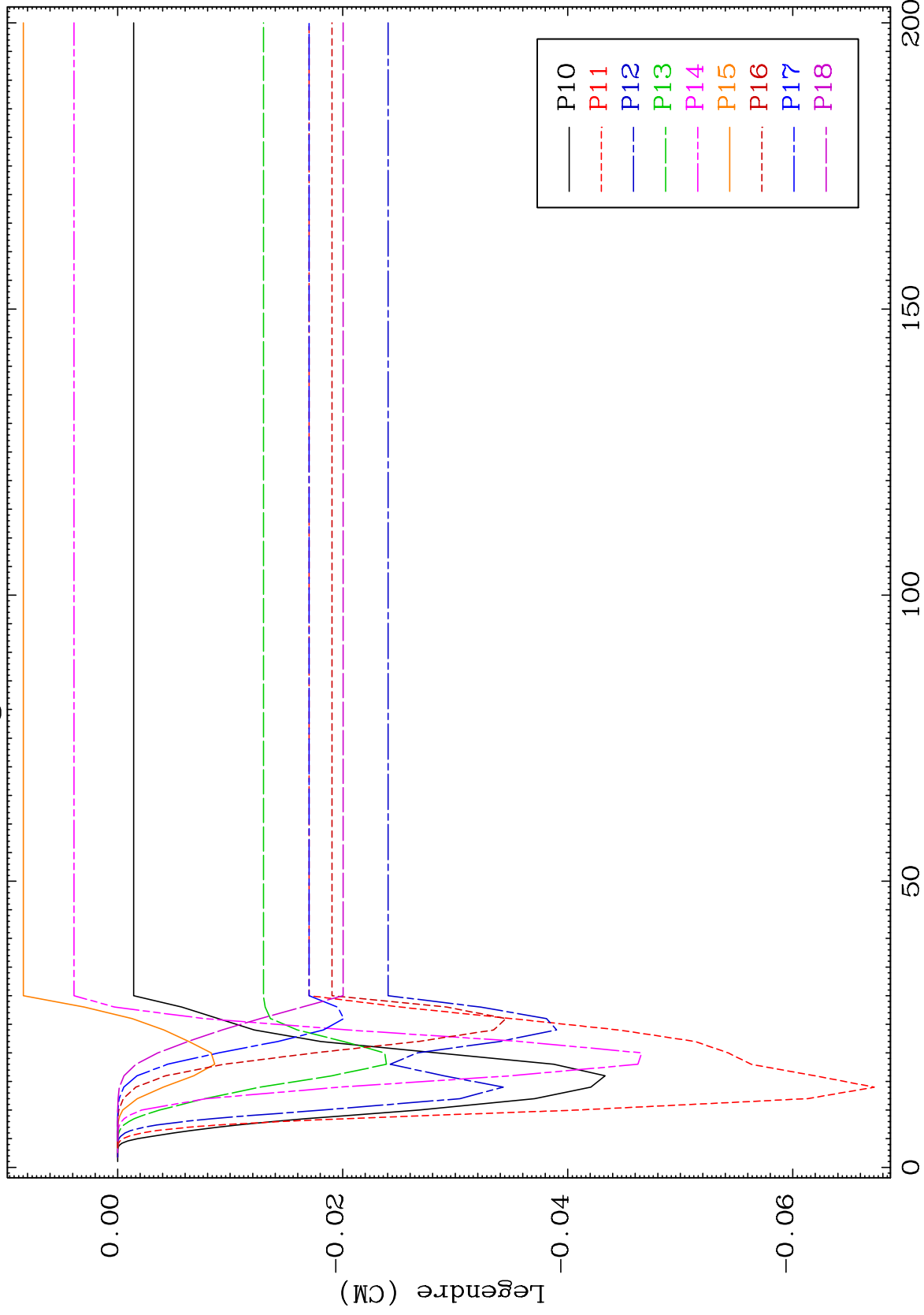
30

MAT 5310

MT= 54 (n,n') Level

53-I -122

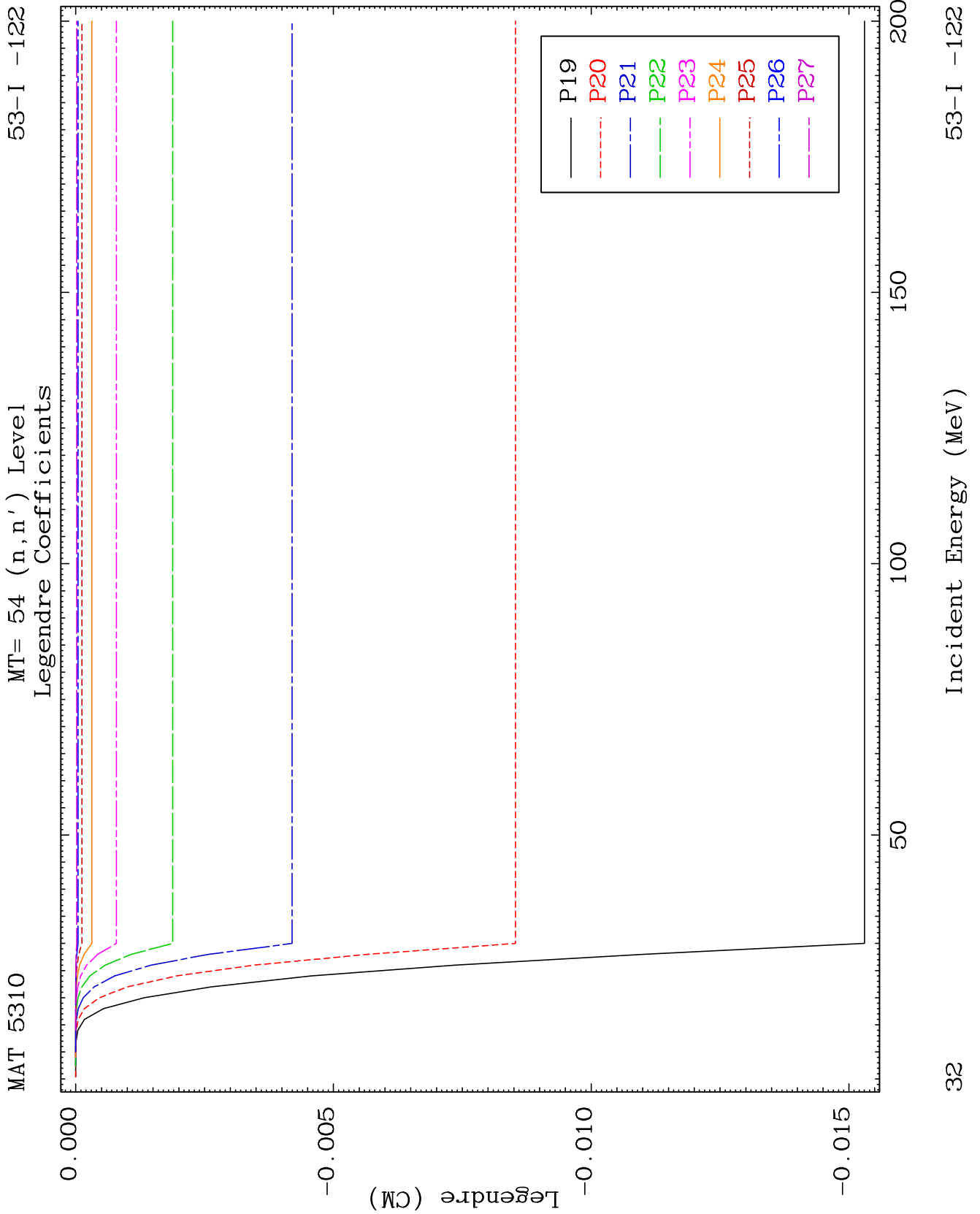
Legendre Coefficients

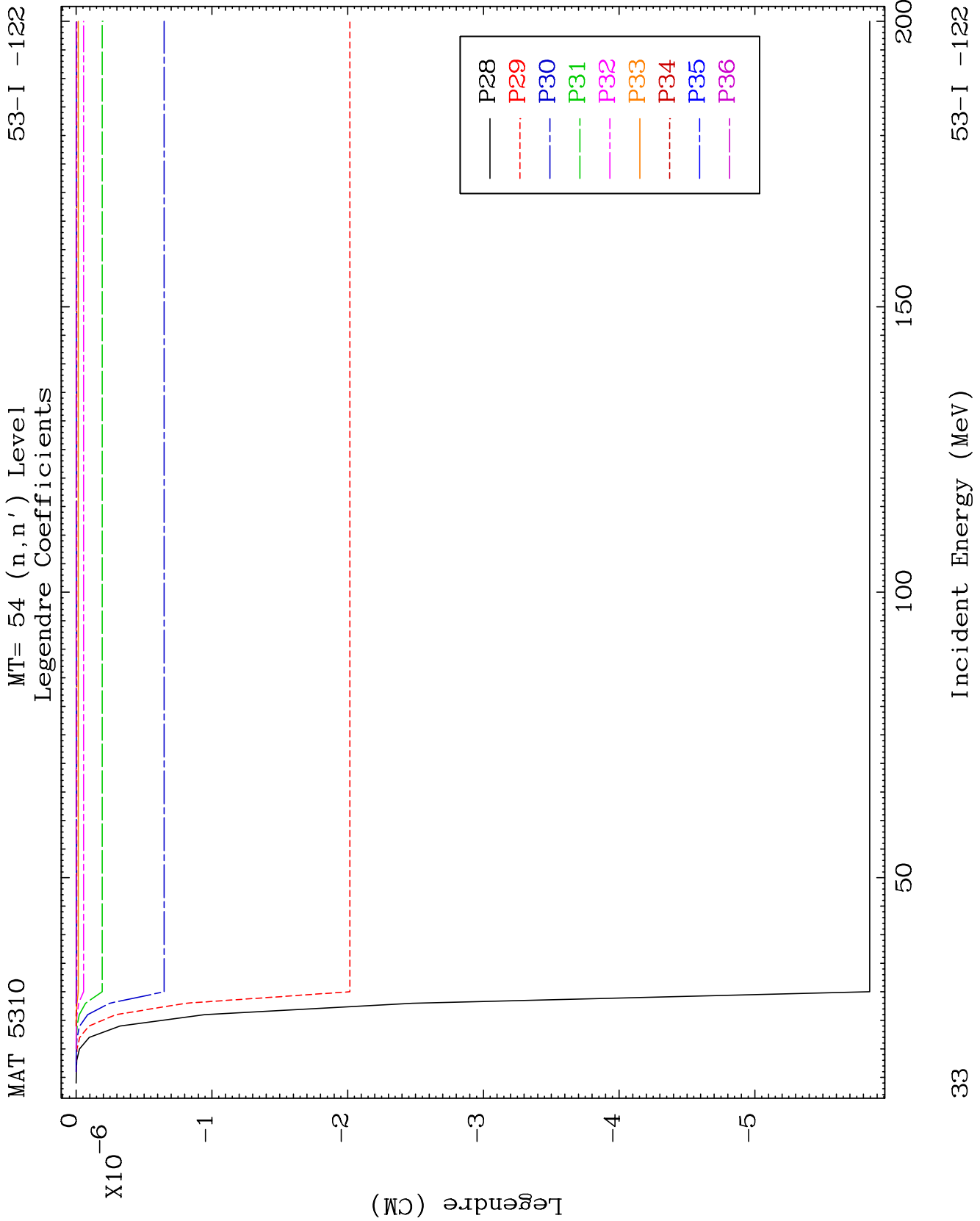


31

Incident Energy (MeV)

53-I -122

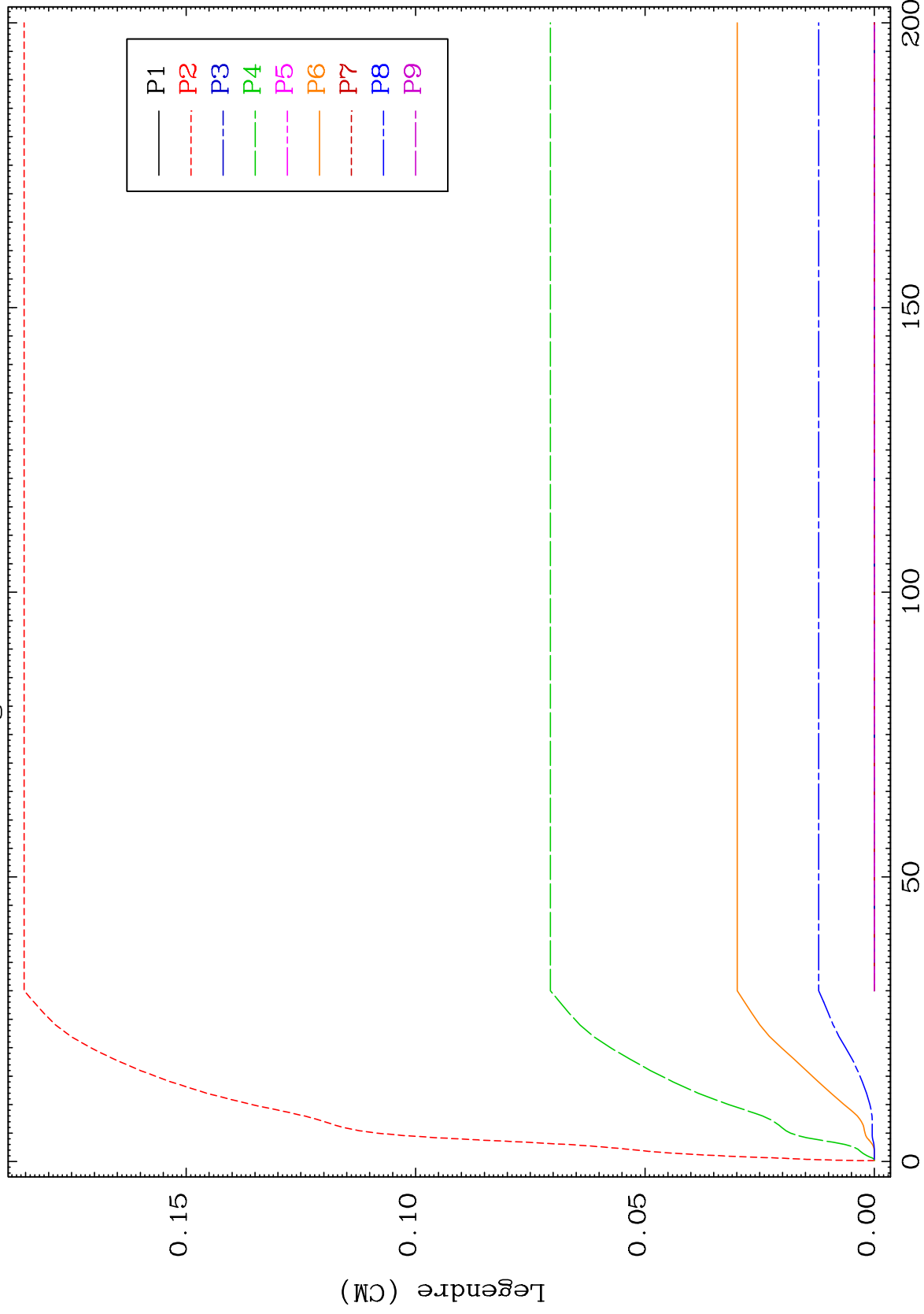




MAT 5310

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

53-I -122



34

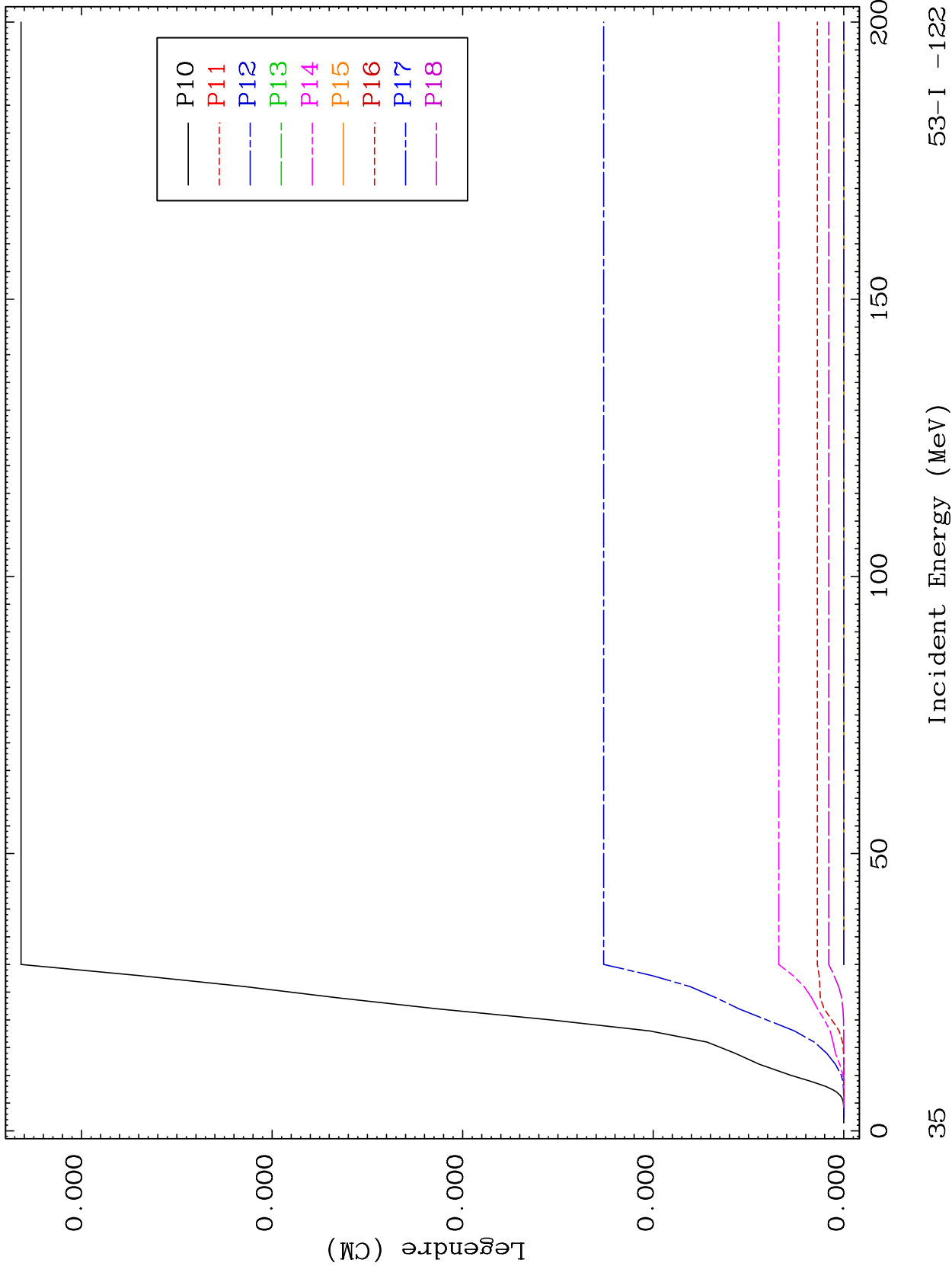
Incident Energy (MeV)

53-I -122

MAT 5310

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

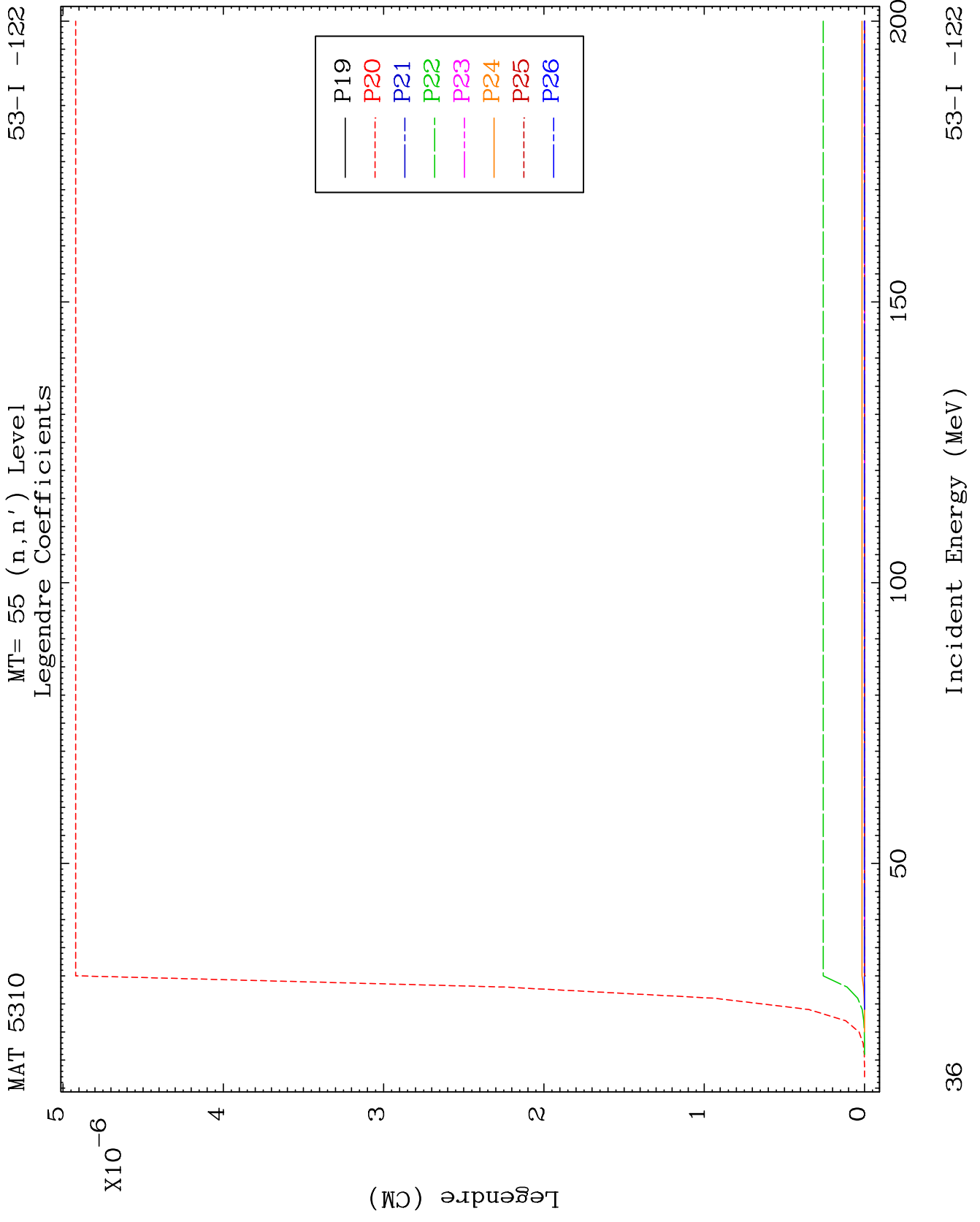
53-I -122



53-I -122

Incident Energy (MeV)

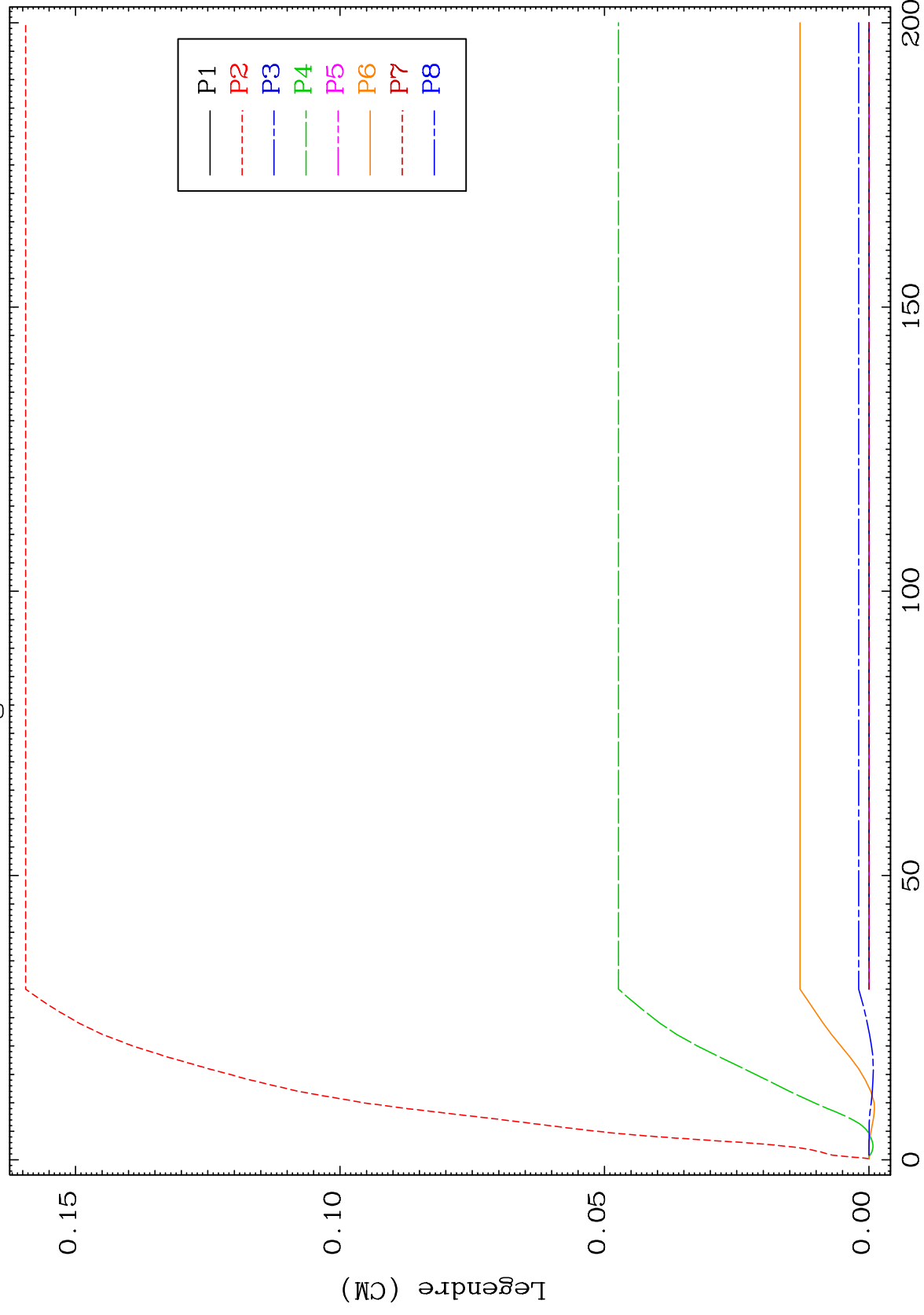
35



MAT 5310

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

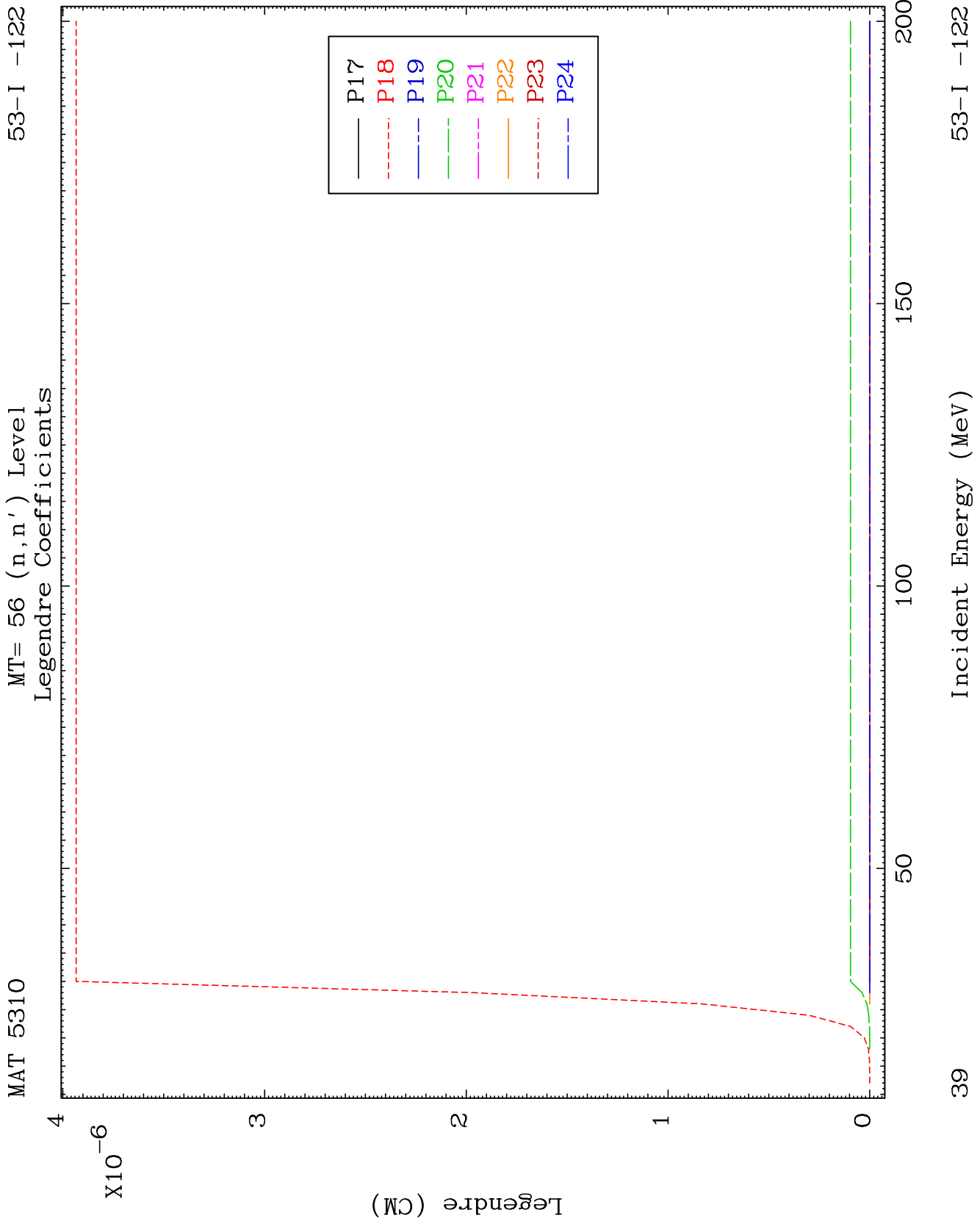
53-I -122



37

Incident Energy (MeV)

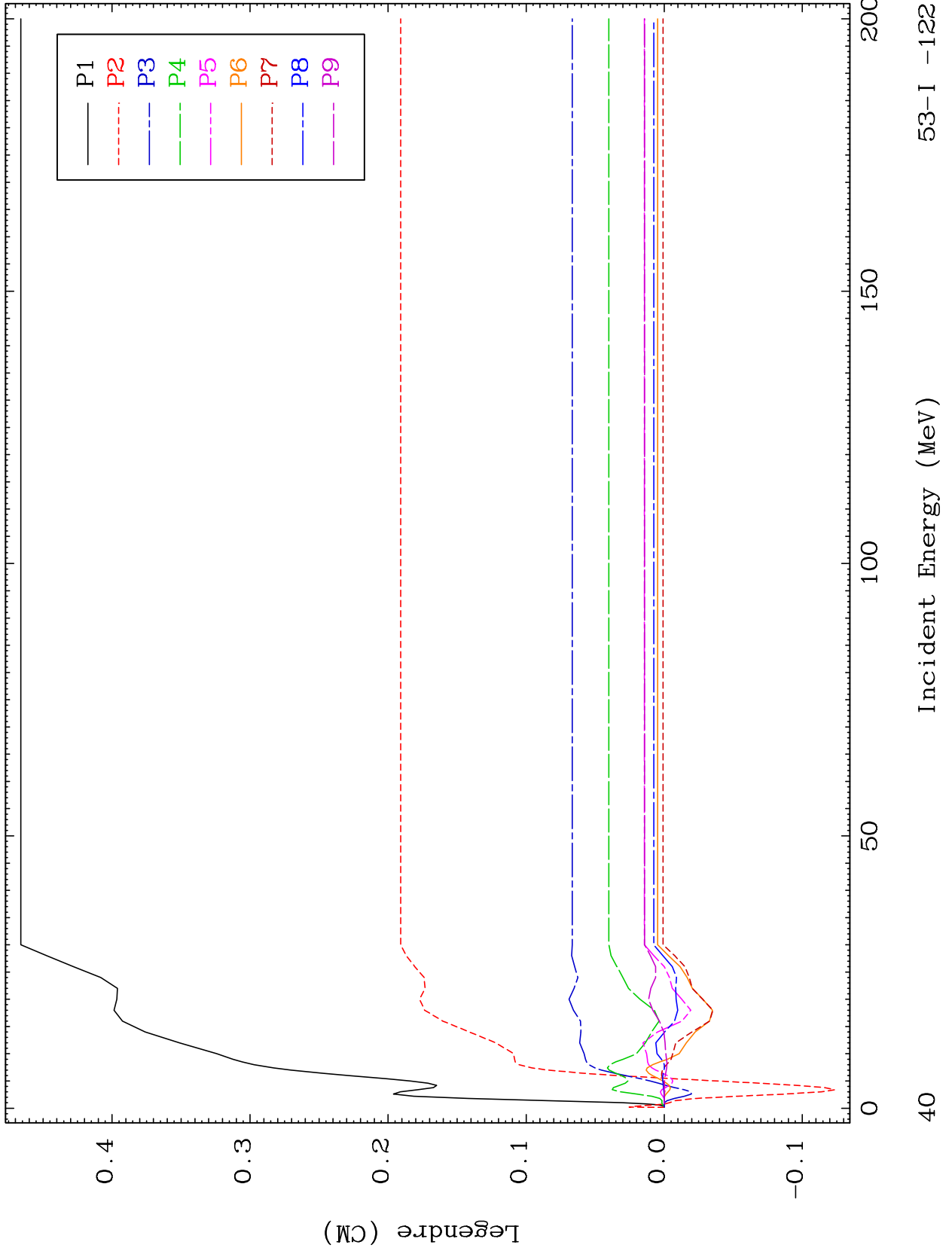
53-I -122



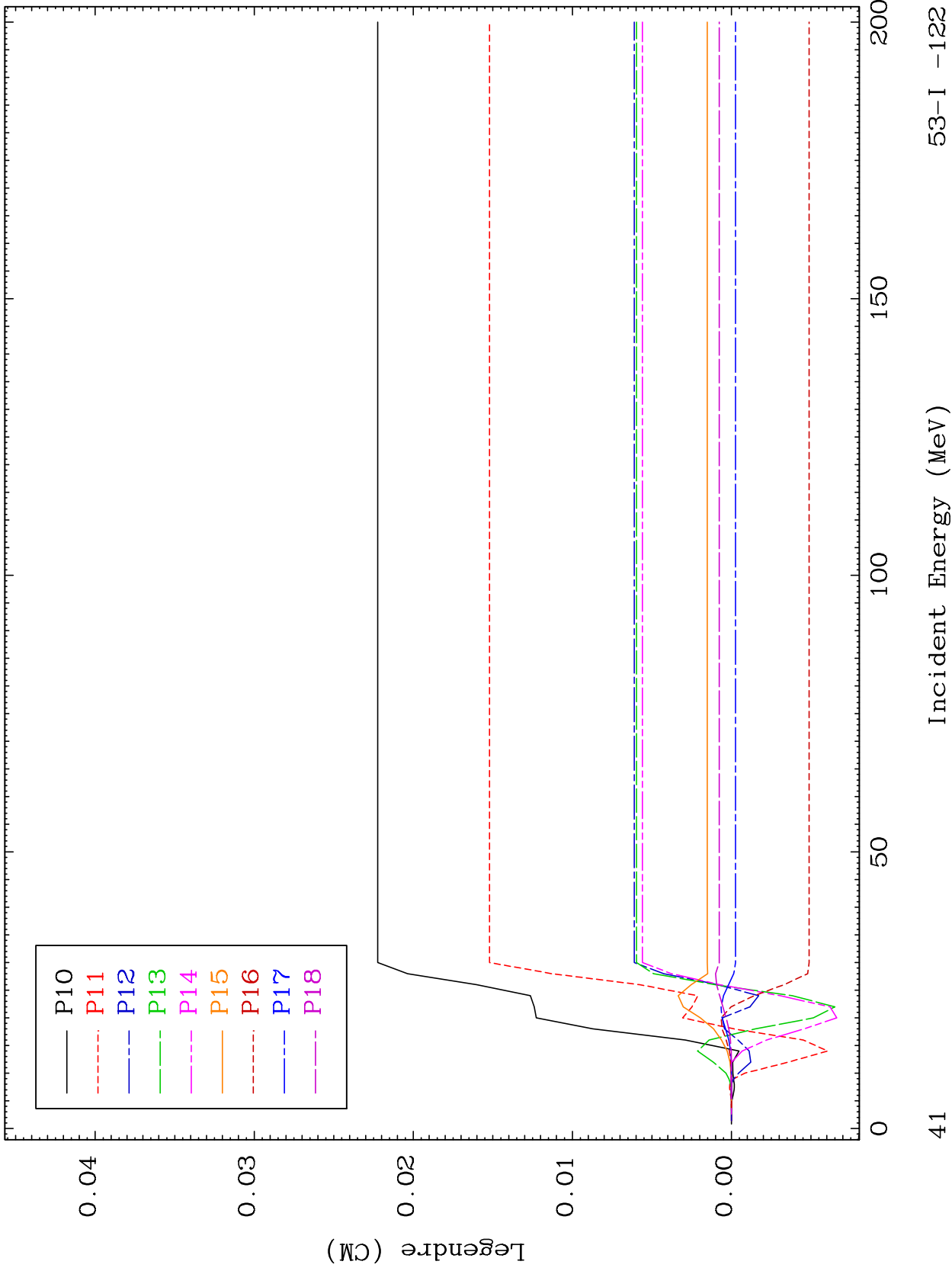
MAT 5310

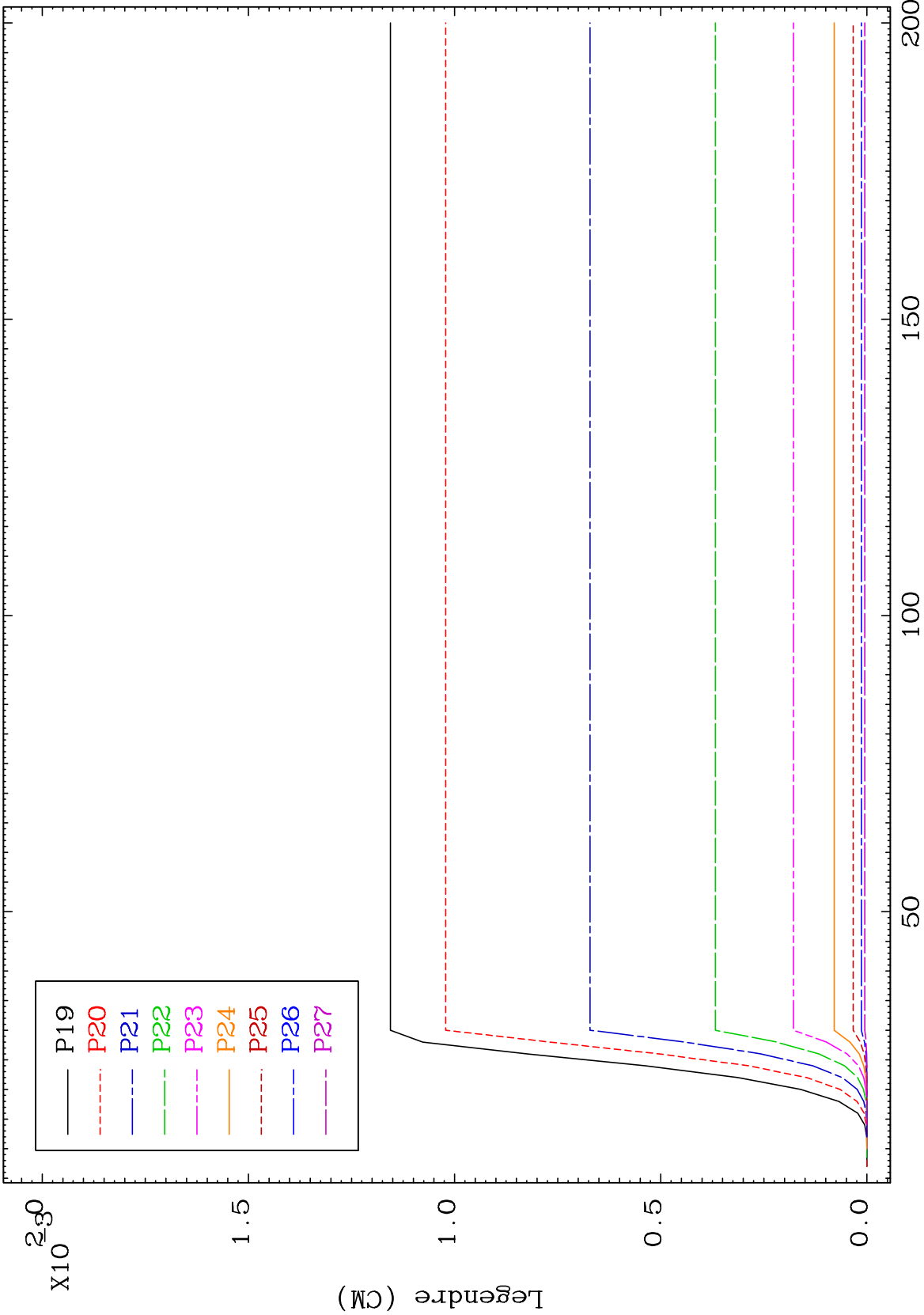
MT= 57 (n,n') Level
Legendre Coefficients

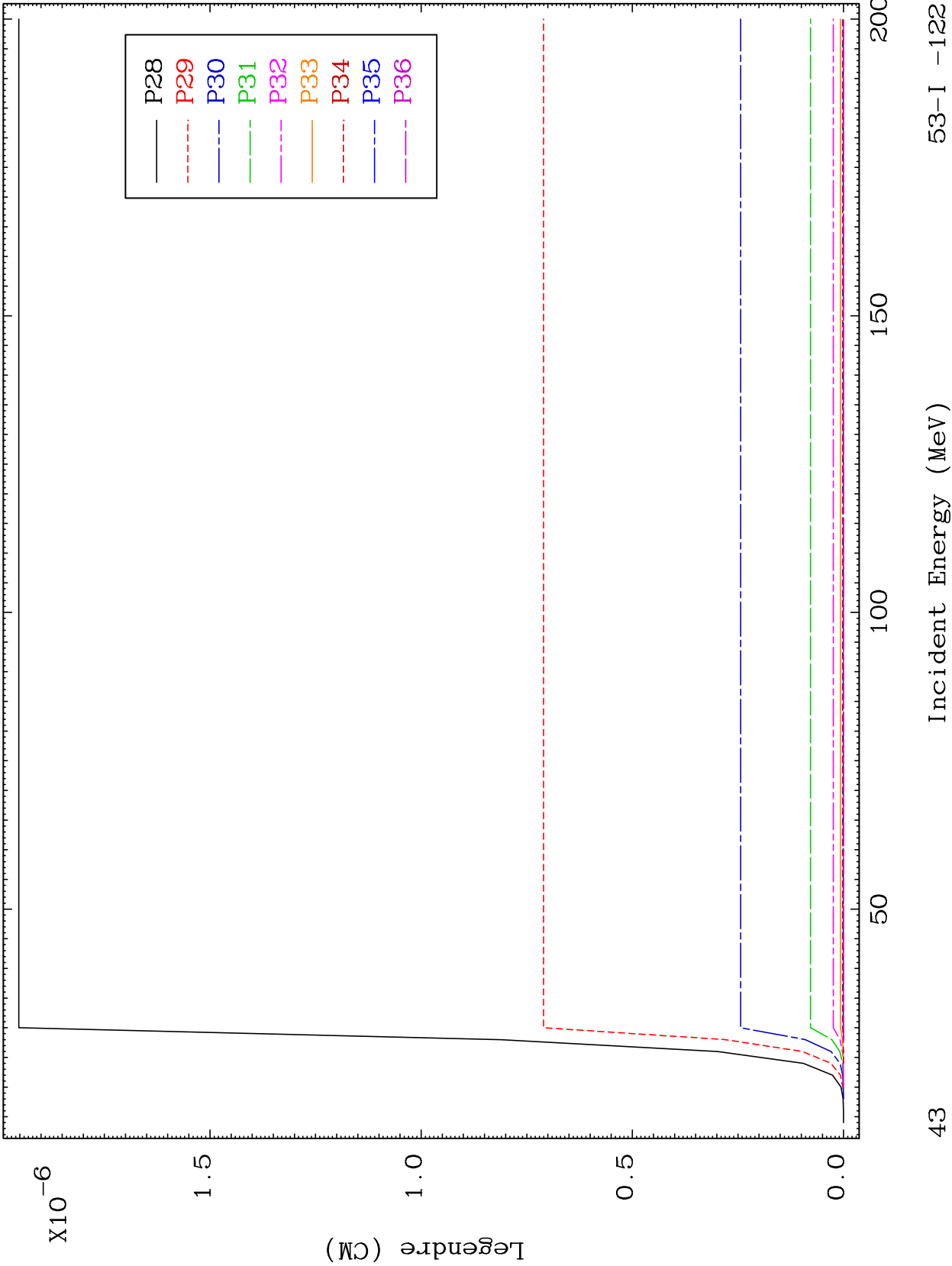
53-I -122



53-I -122



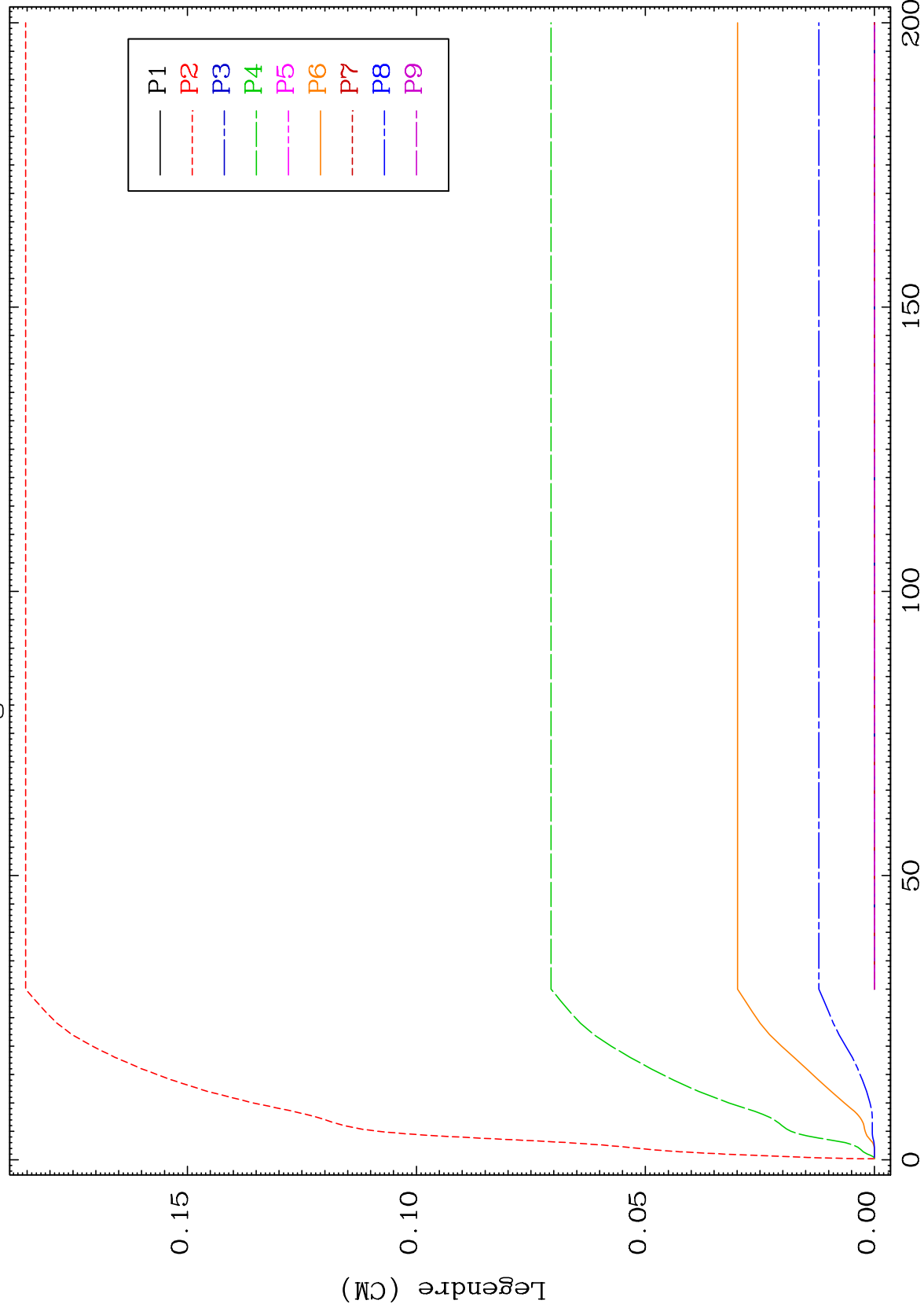




MAT 5310

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

53-I -122



44

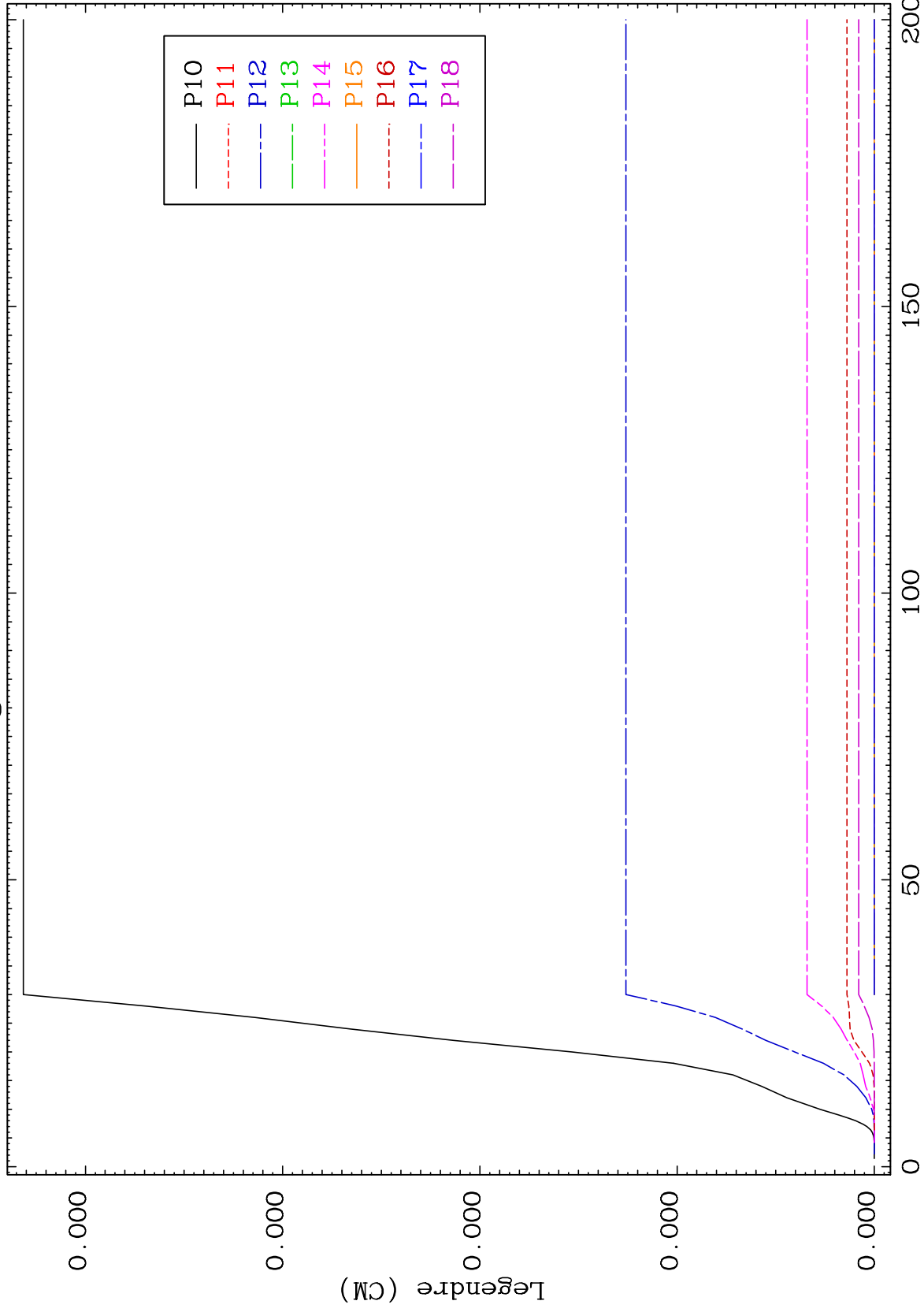
Incident Energy (MeV)

53-I -122

MAT 5310

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

53-I -122



45

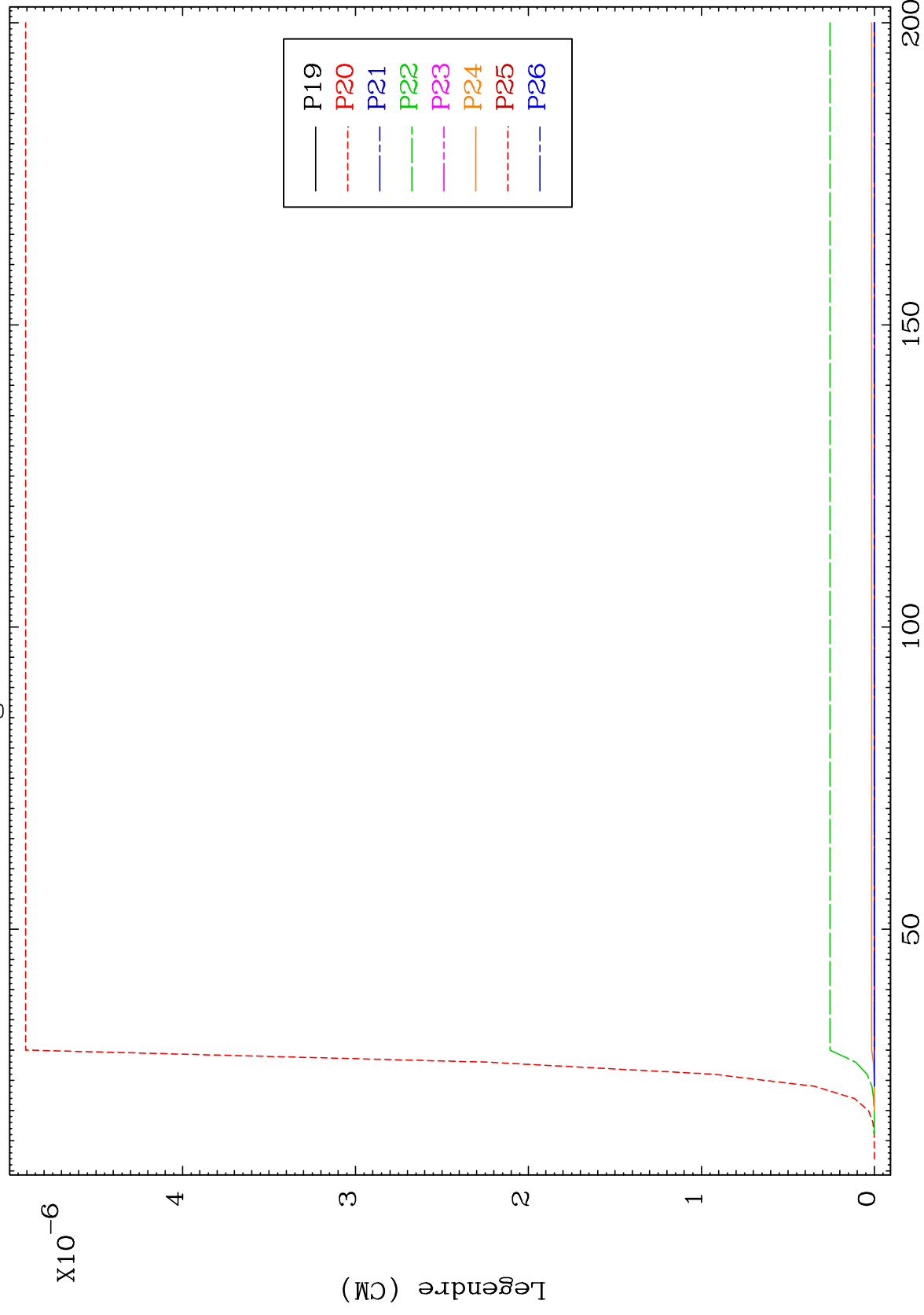
Incident Energy (MeV)

53-I -122

MAT 5310

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

53-I -122



46

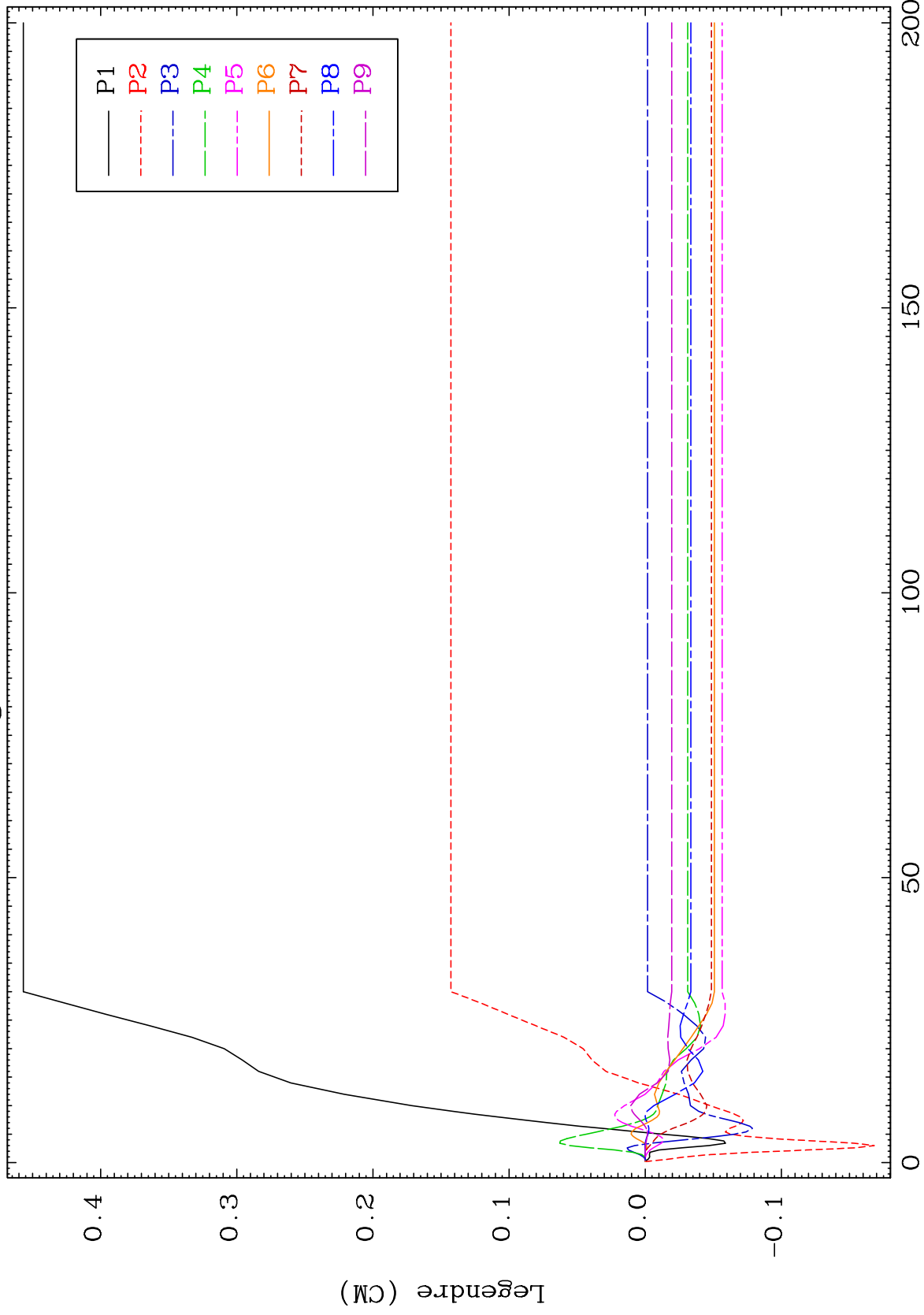
Incident Energy (MeV)

53-I -122

MAT 5310

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

53-I -122



47

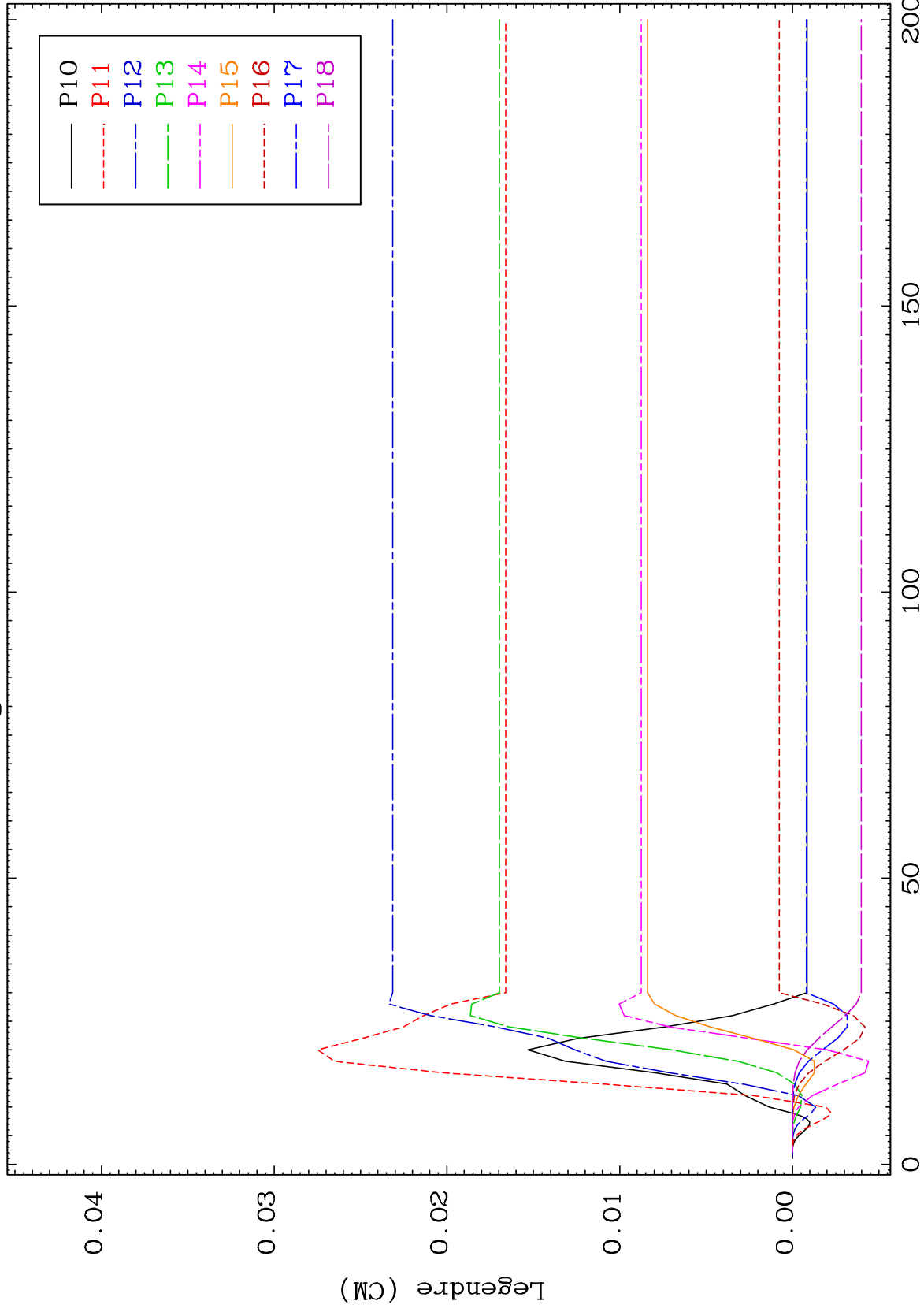
Incident Energy (MeV)

53-I -122

MAT 5310

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

53-I -122



48

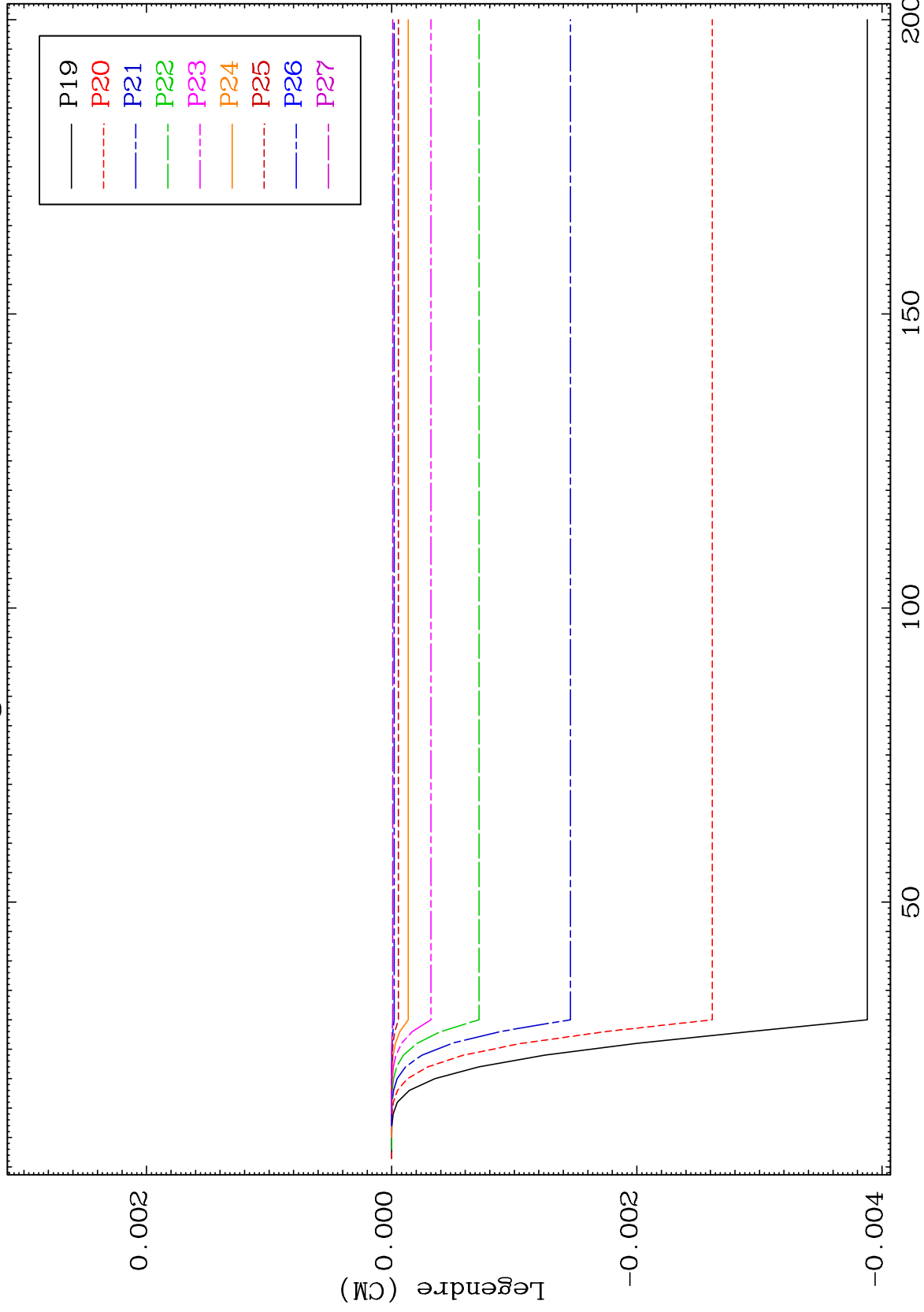
Incident Energy (MeV)

53-I -122

MAT 5310

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

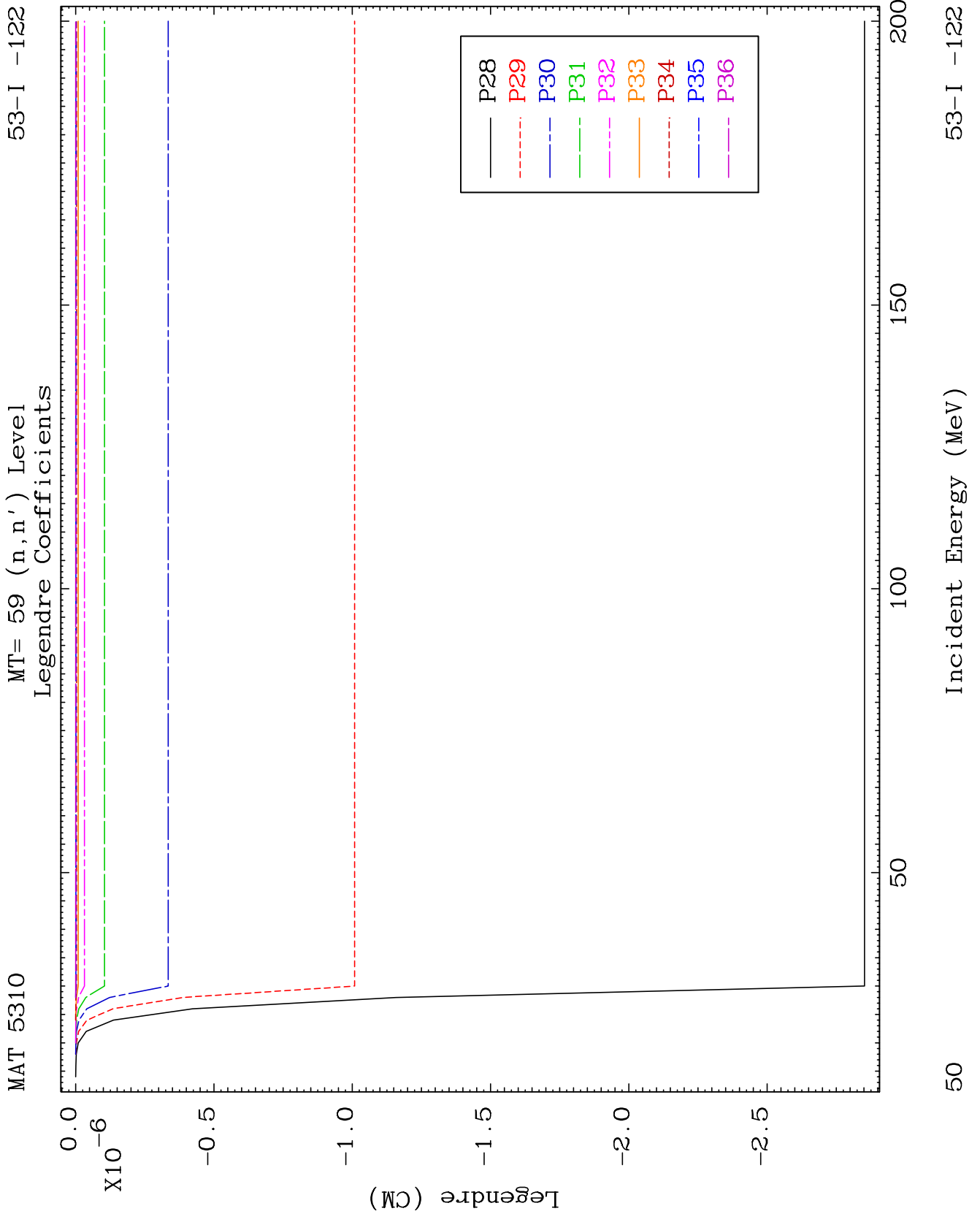
53-I -122



49

Incident Energy (MeV)

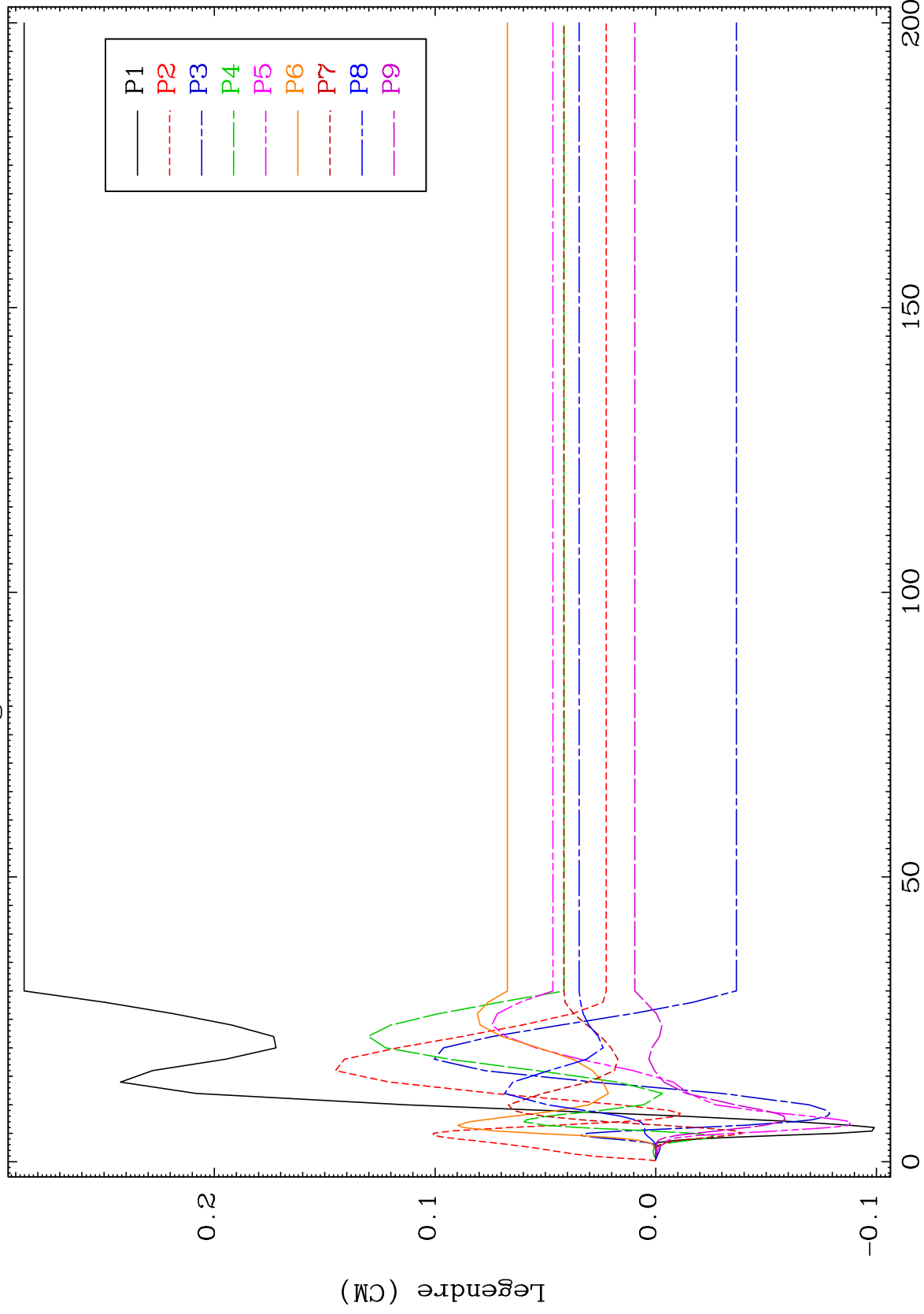
53-I -122



MAT 5310

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

53-I -122



51

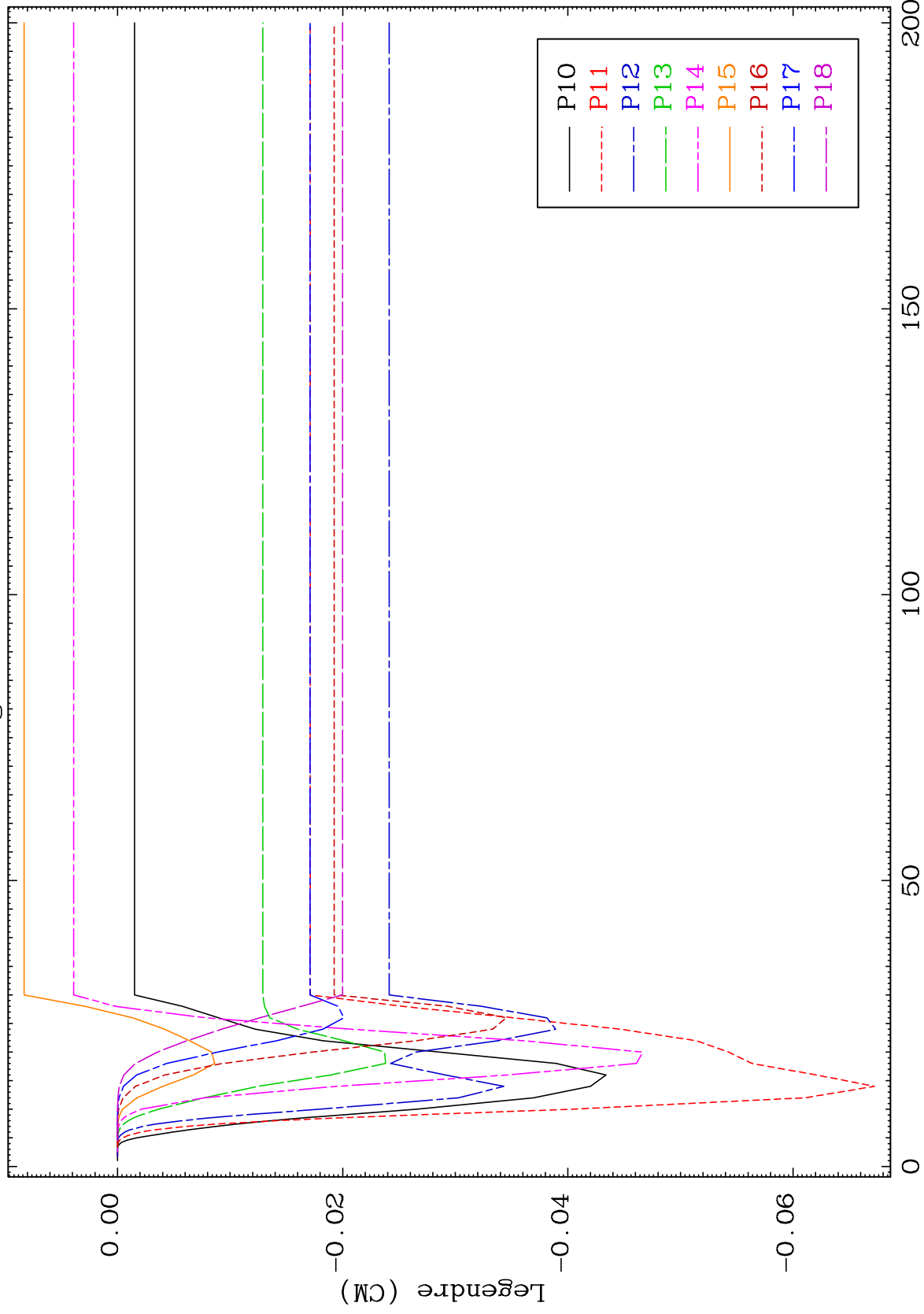
Incident Energy (MeV)

53-I -122

MAT 5310

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

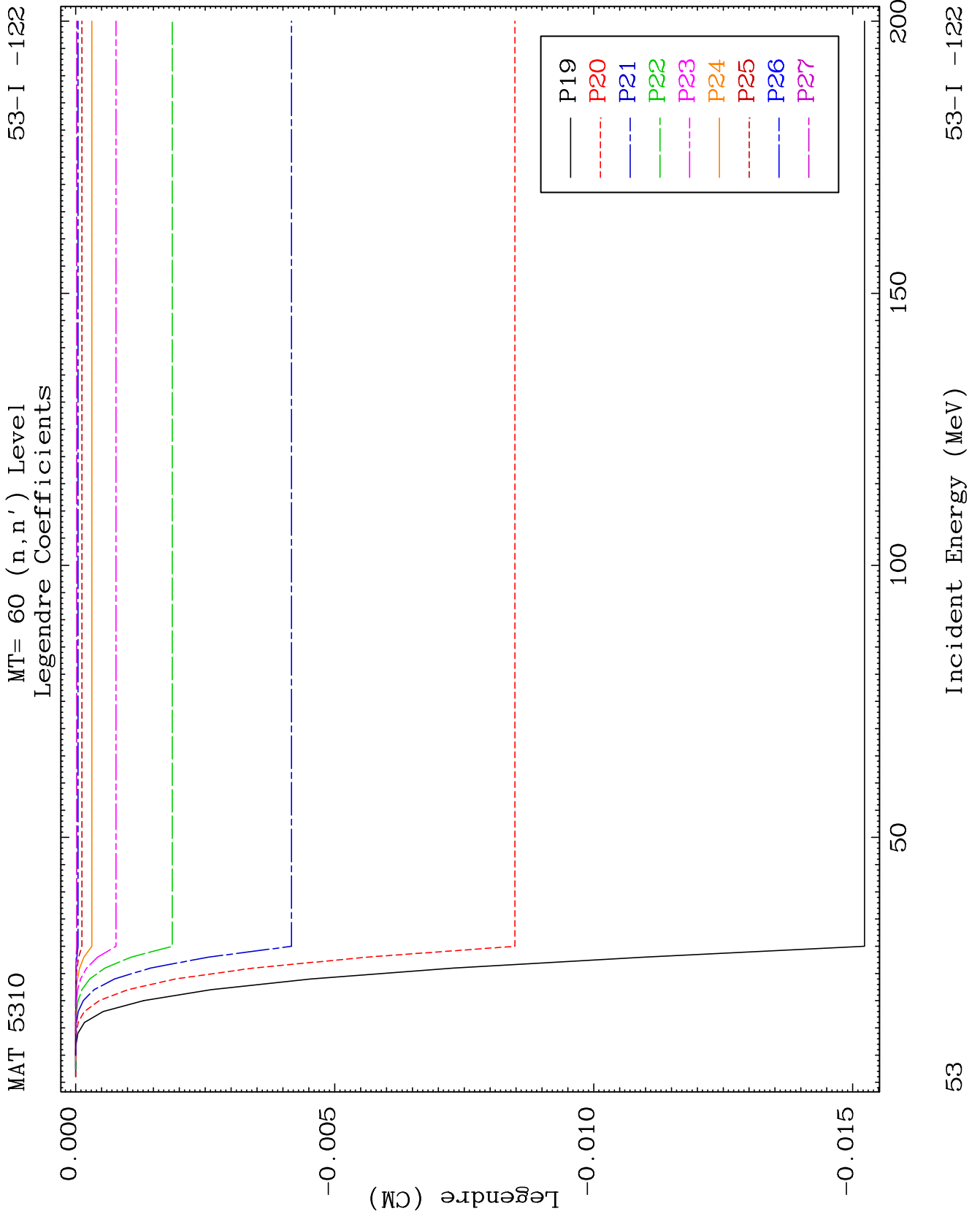
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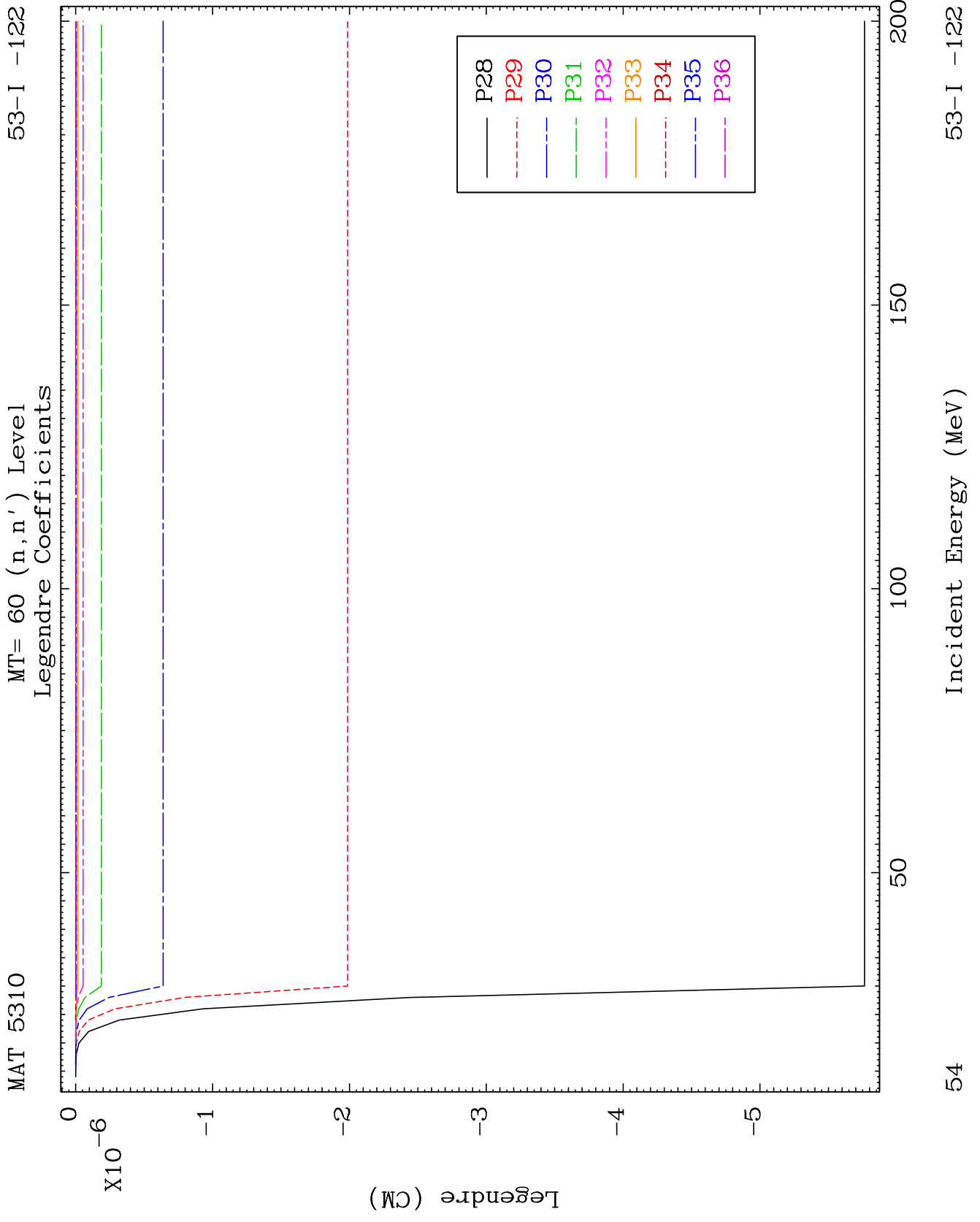


52

Incident Energy (MeV)

53-I -122

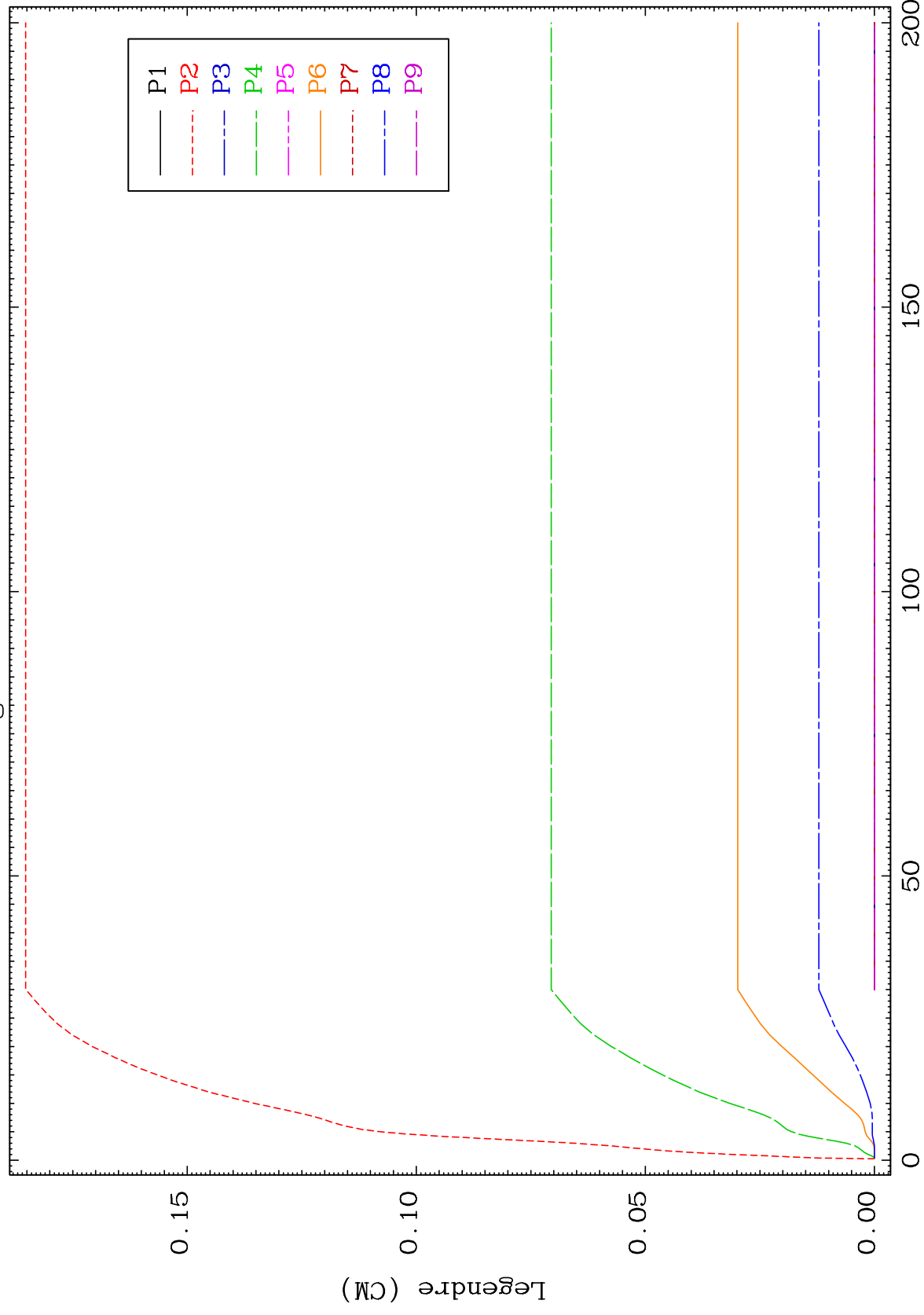




MAT 5310

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

53-I -122



55

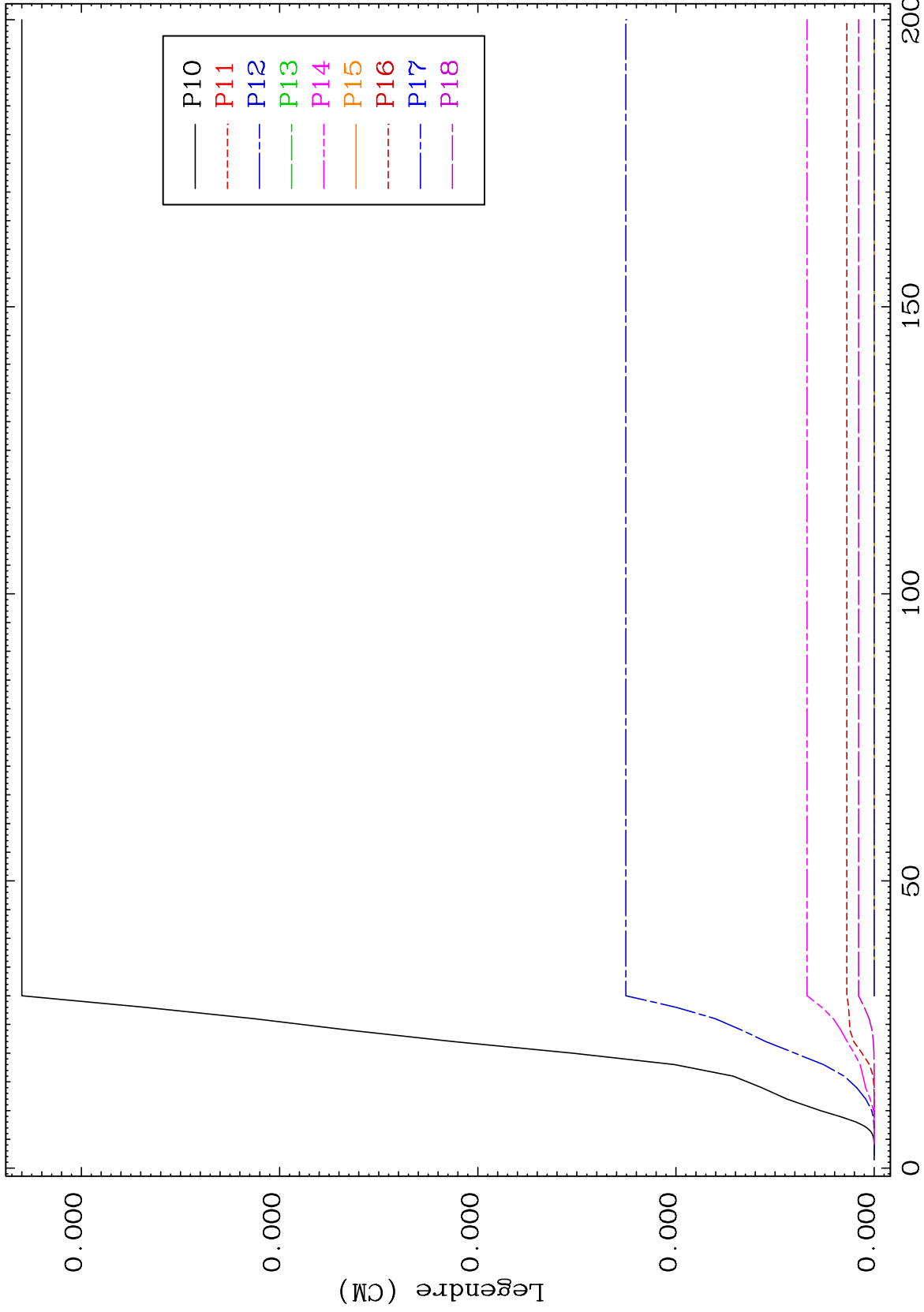
Incident Energy (MeV)

53-I -122

MAT 5310

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

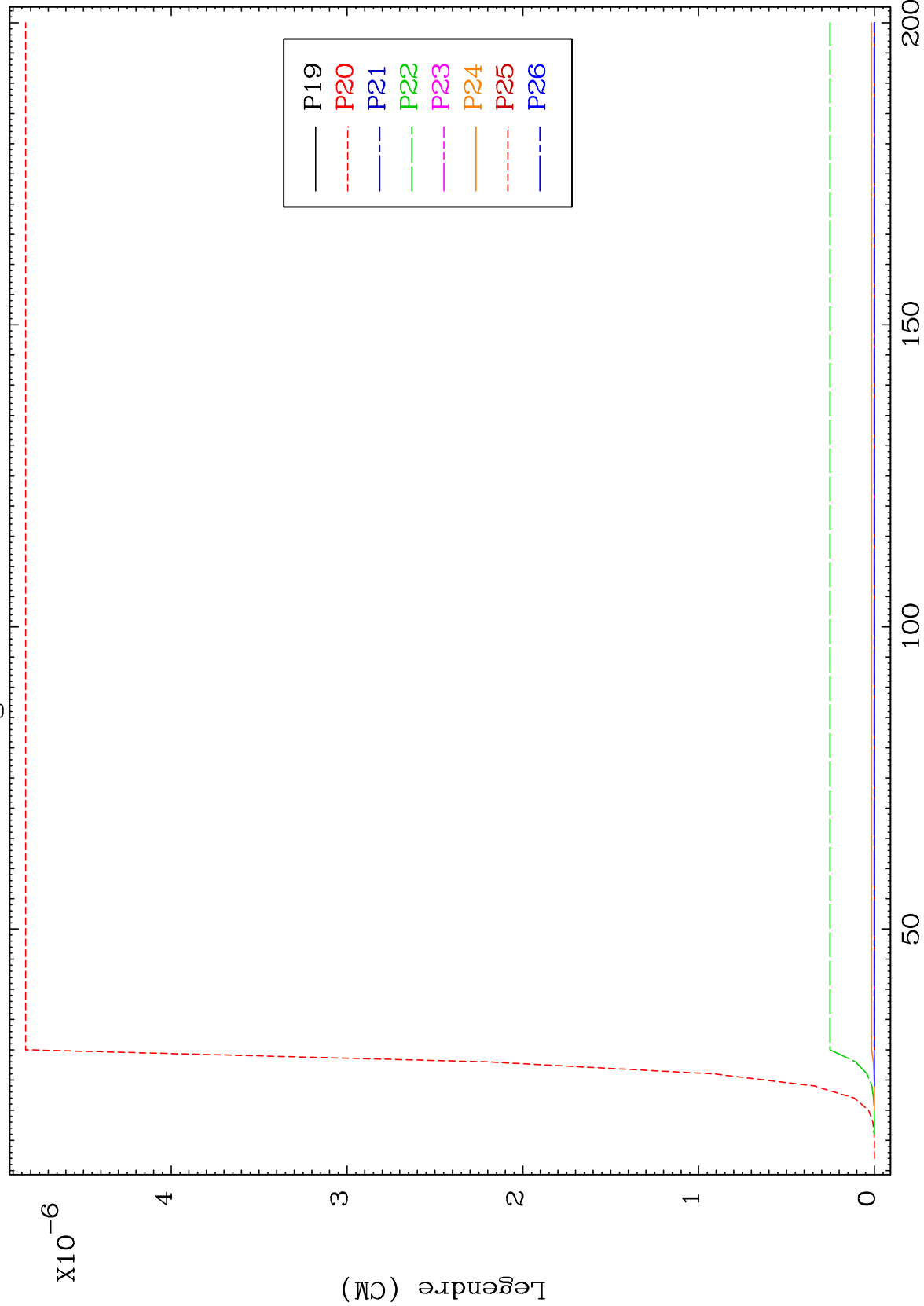
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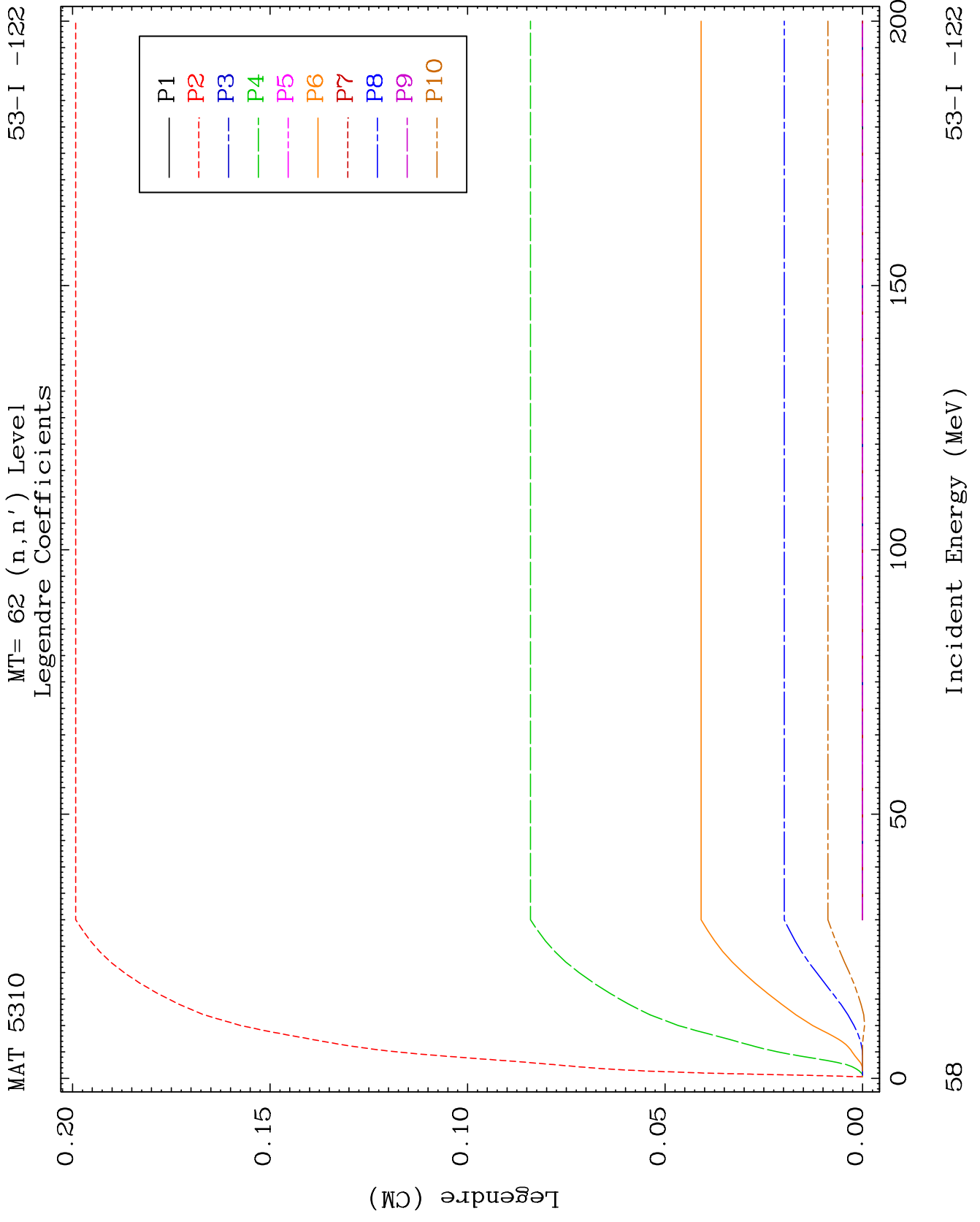


56

Incident Energy (MeV)

53-I -122

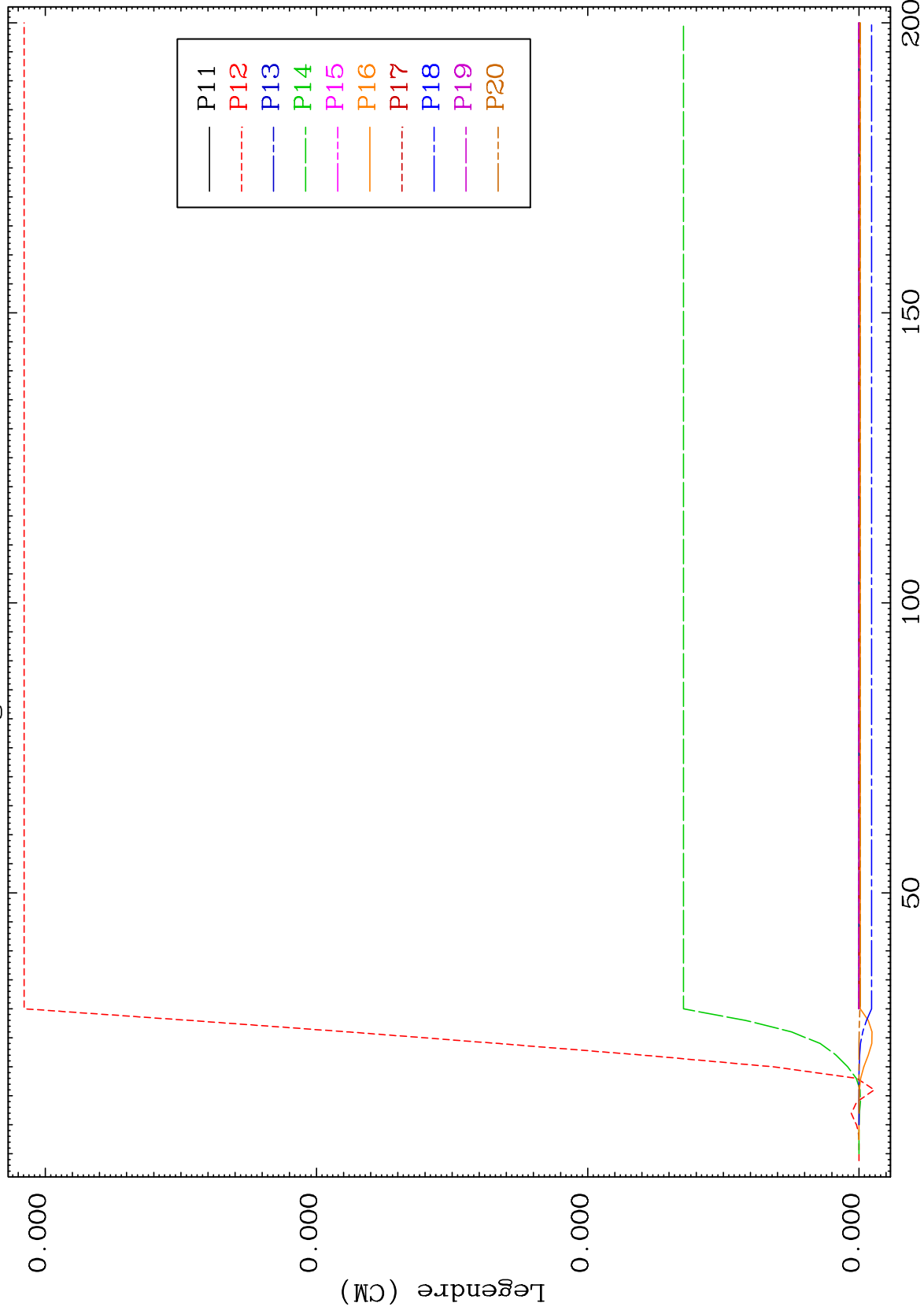




MAT 5310

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

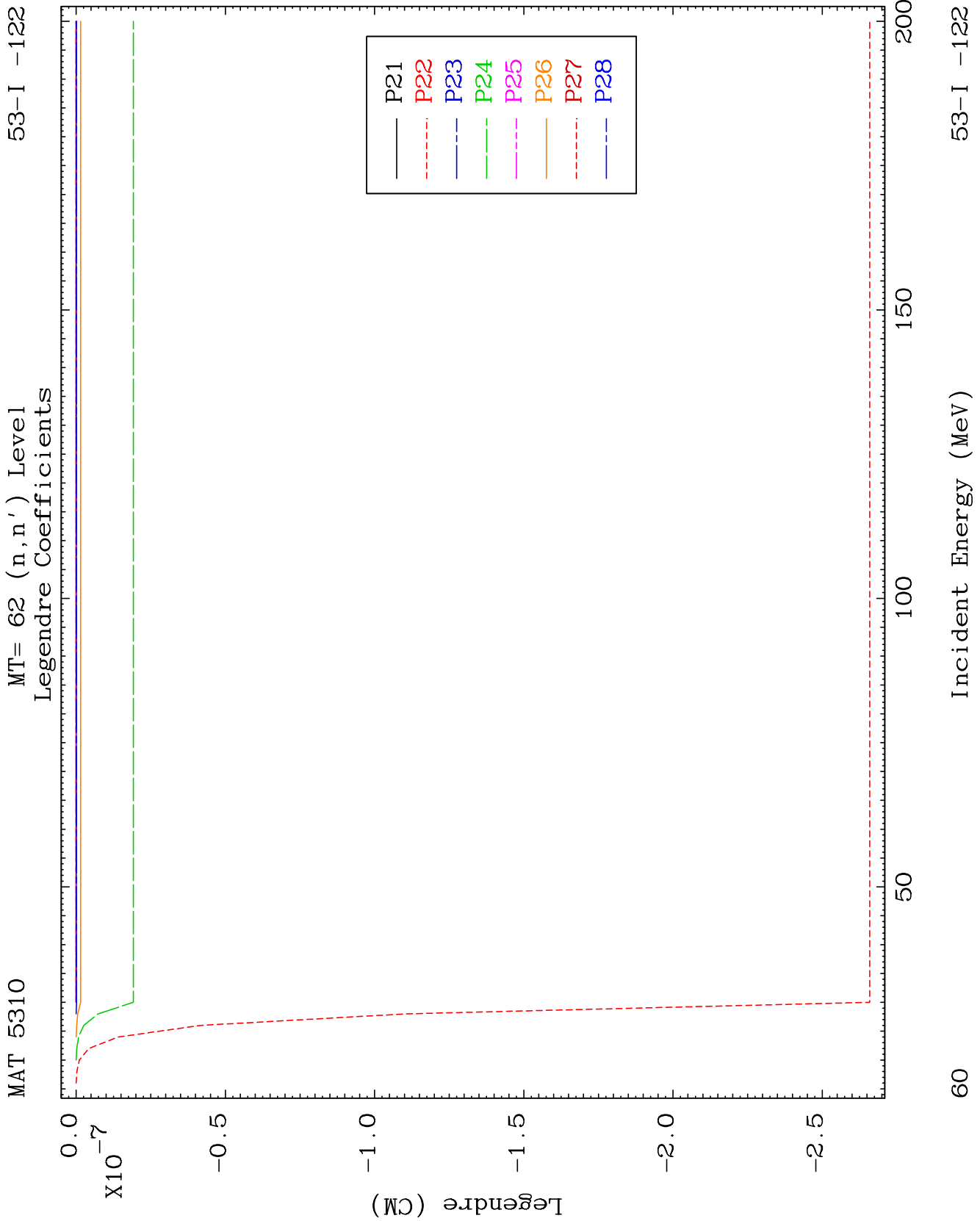
53-I -122



59

Incident Energy (MeV)

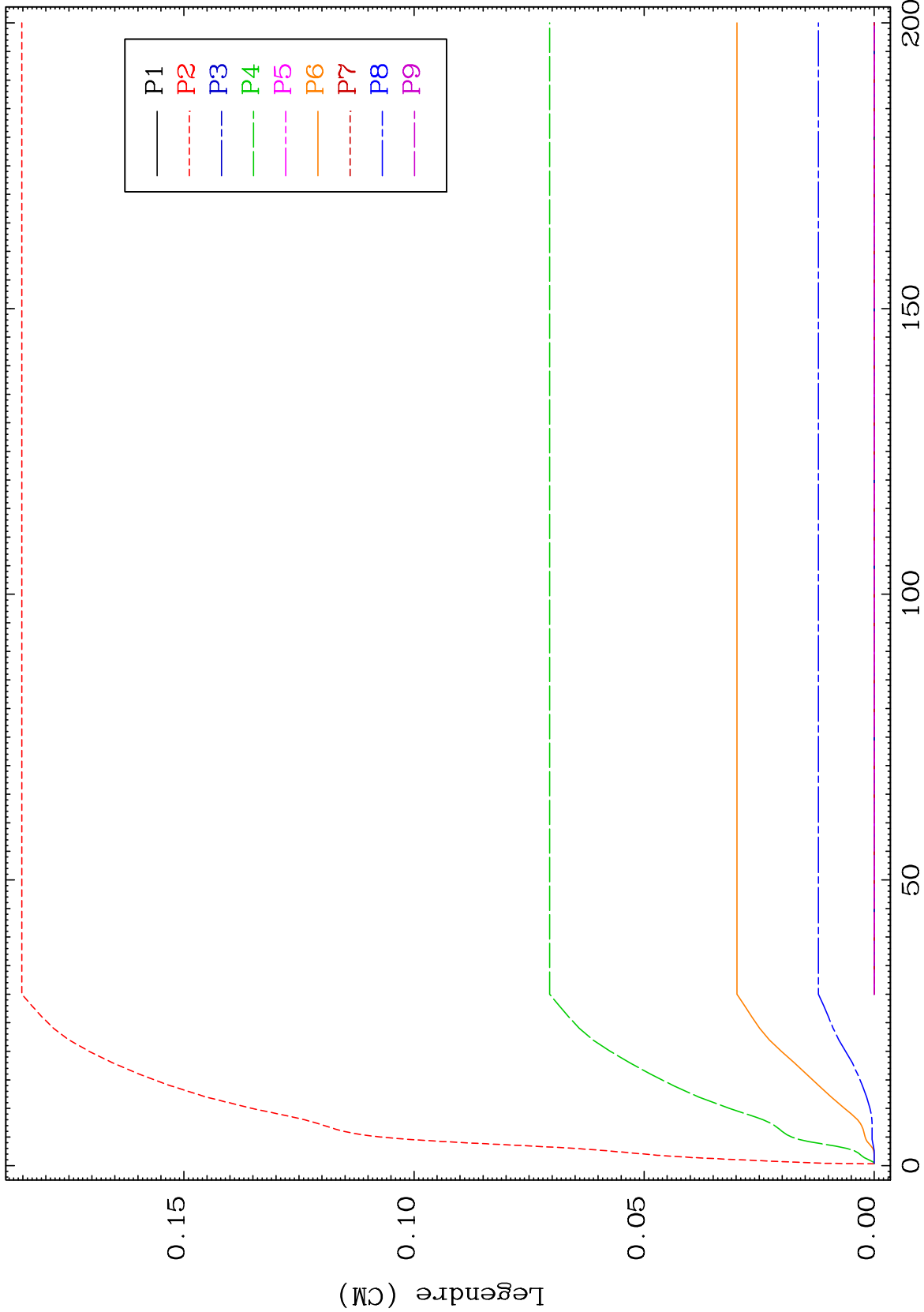
53-I -122



MAT 5310

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

53-I -122



61

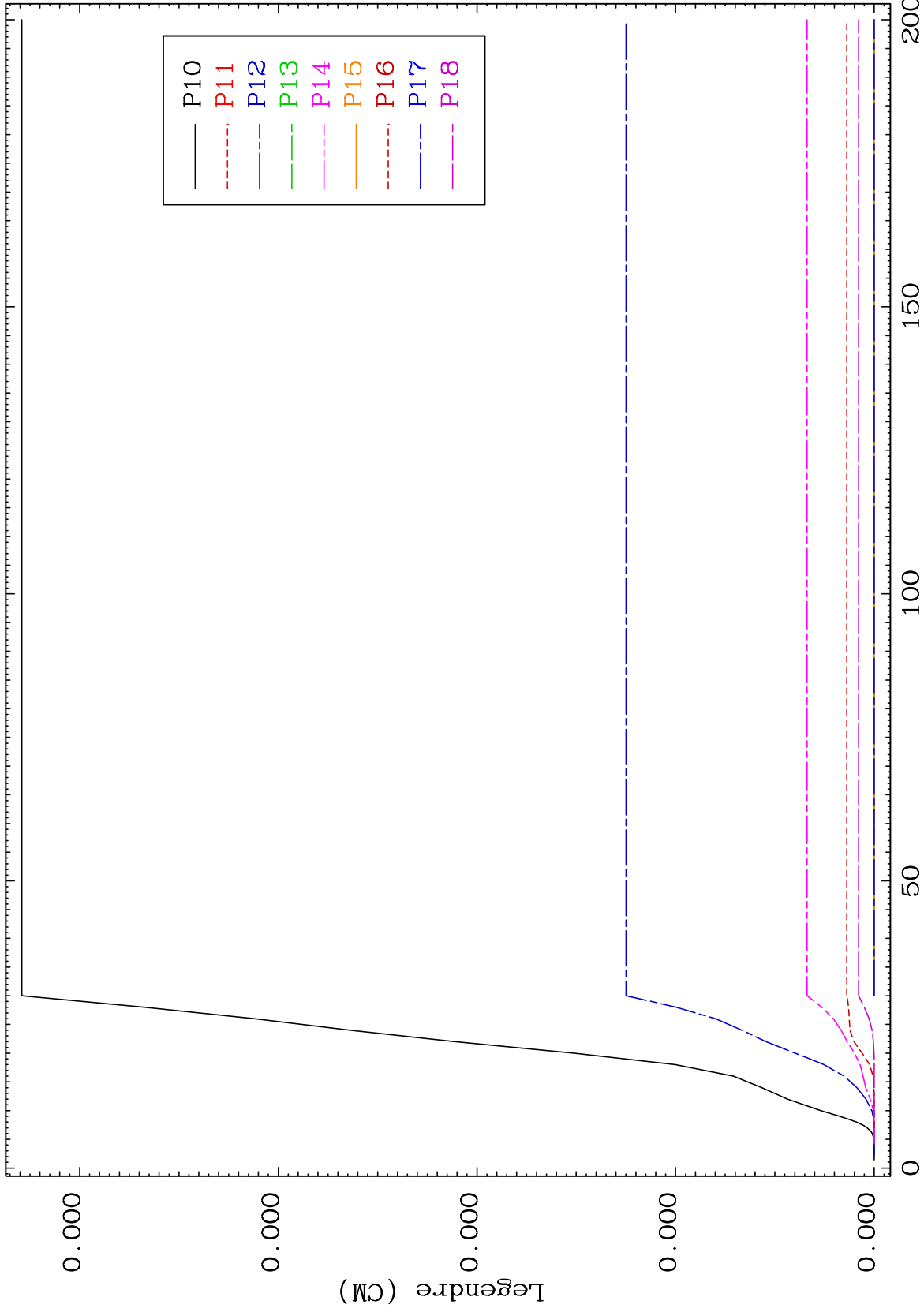
Incident Energy (MeV)

53-I -122

MAT 5310

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

53-I -122



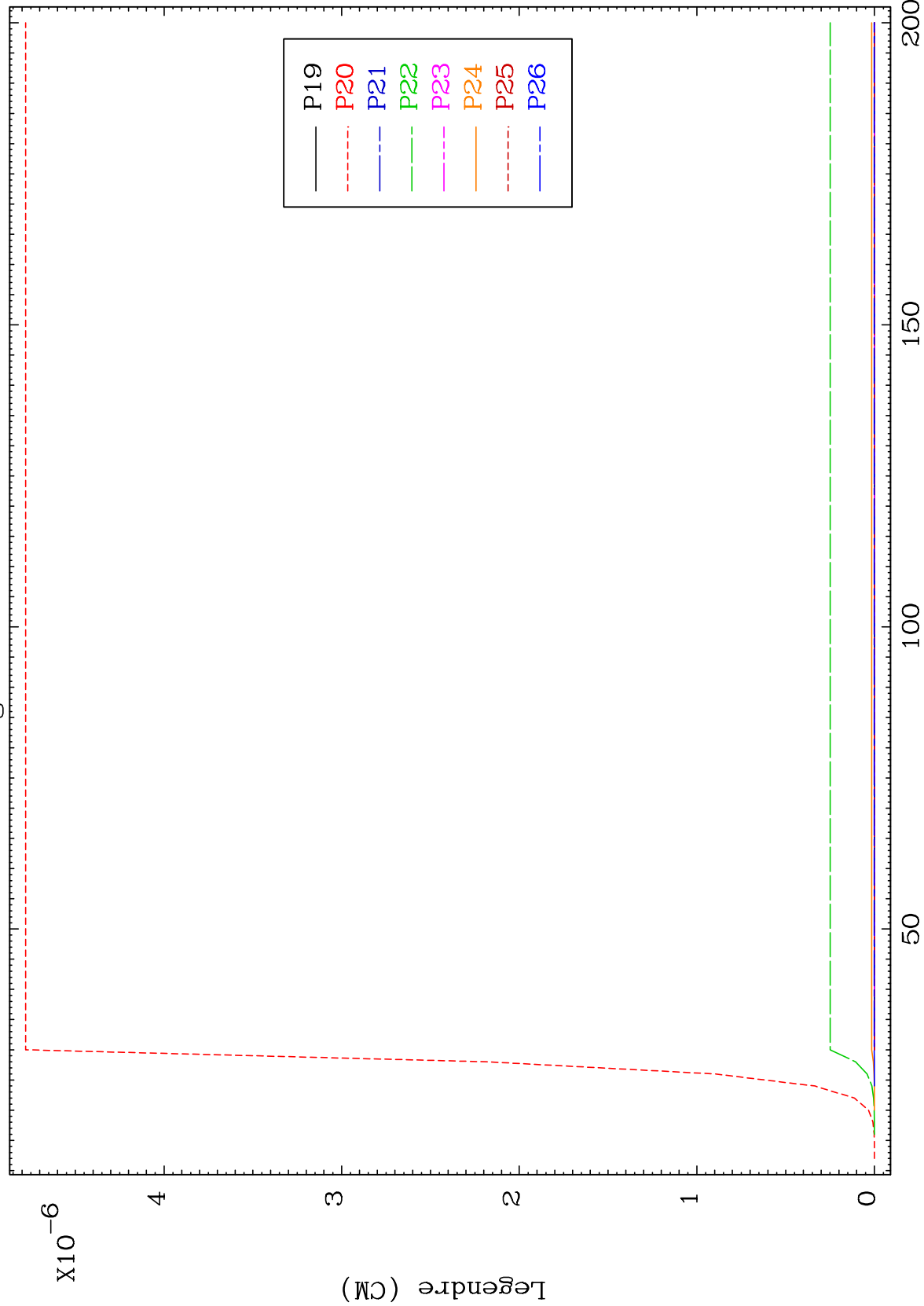
62

53-I -122

MAT 5310

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

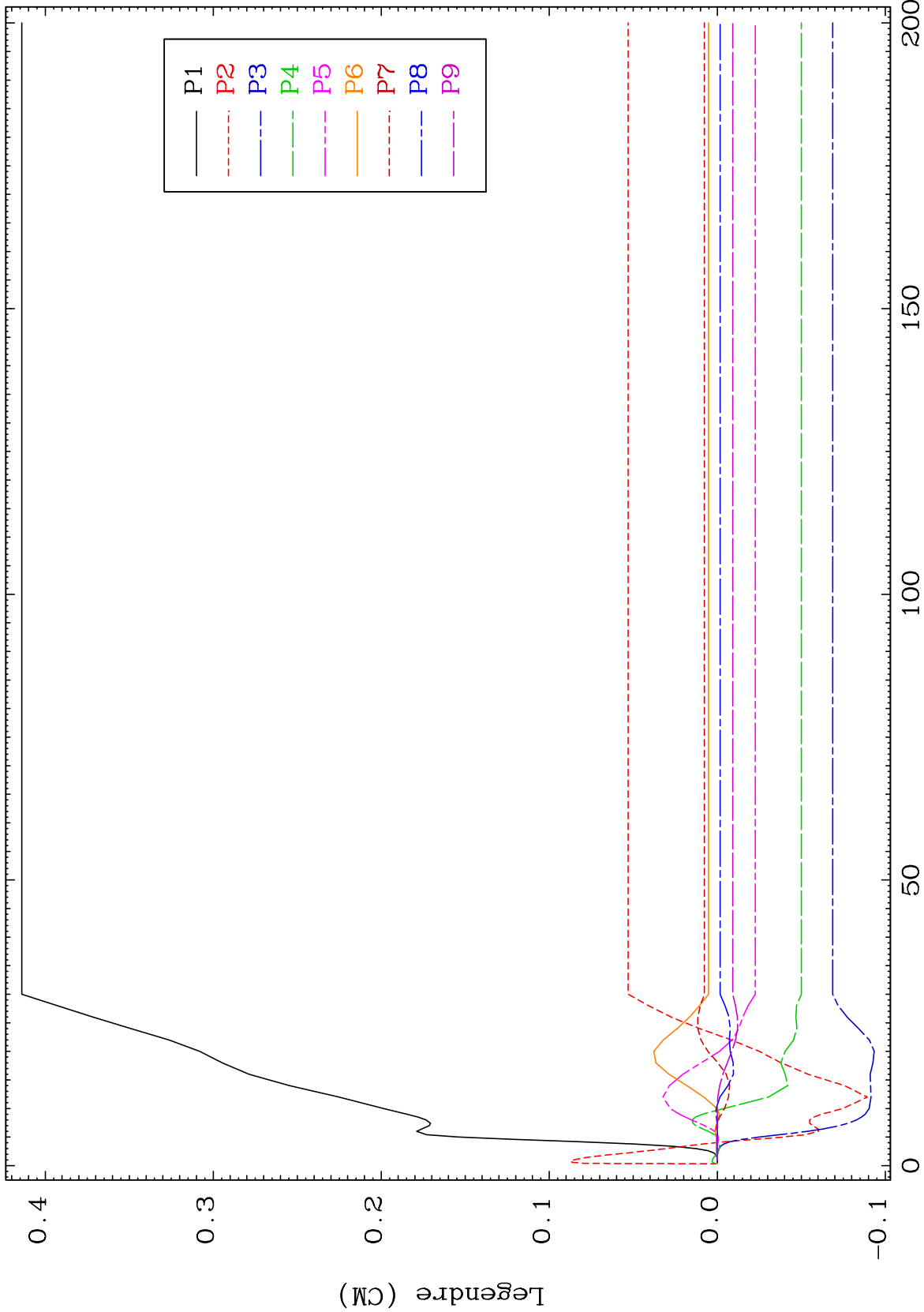
53-I -122



63

Incident Energy (MeV)

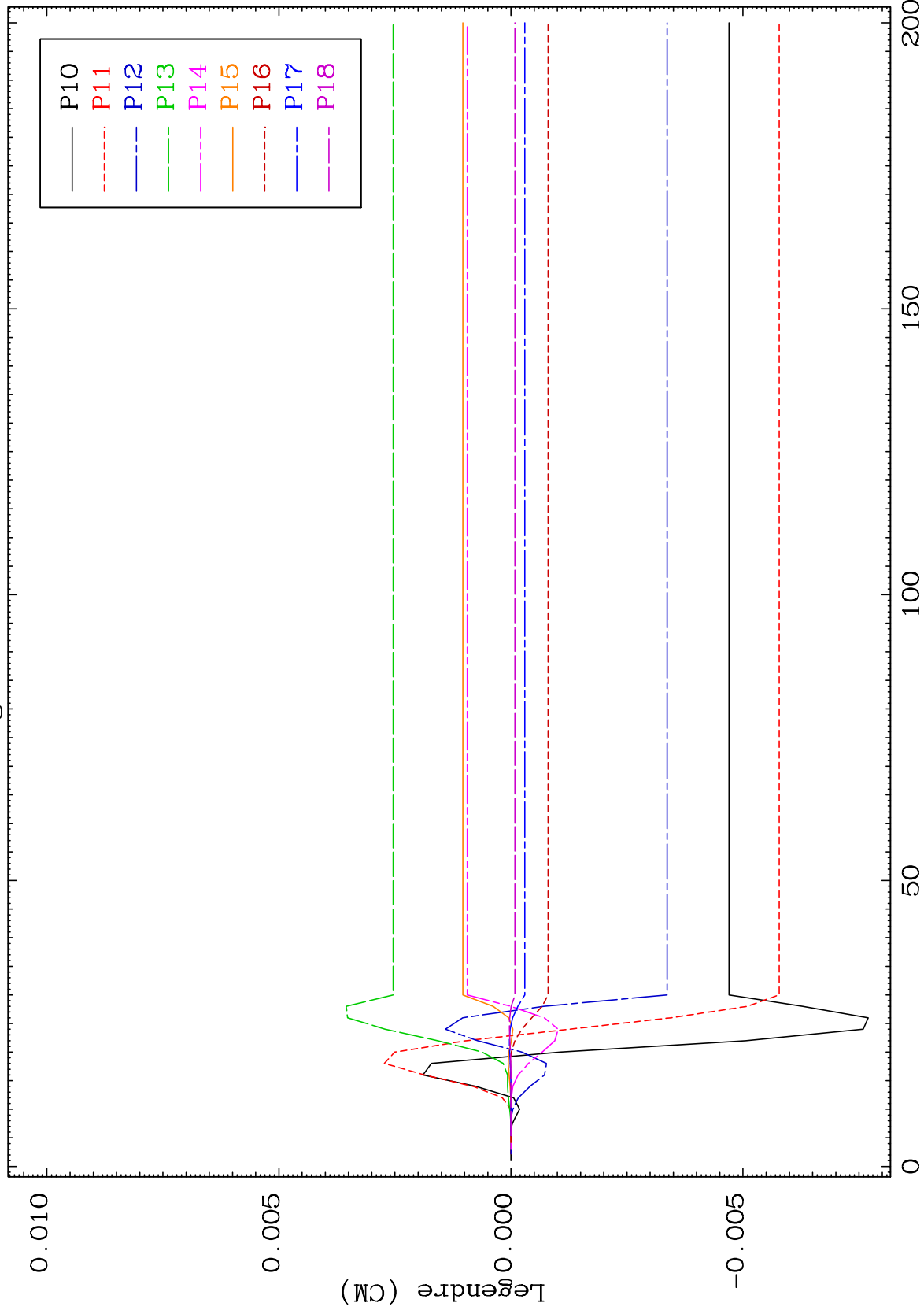
53-I -122



MAT 5310

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

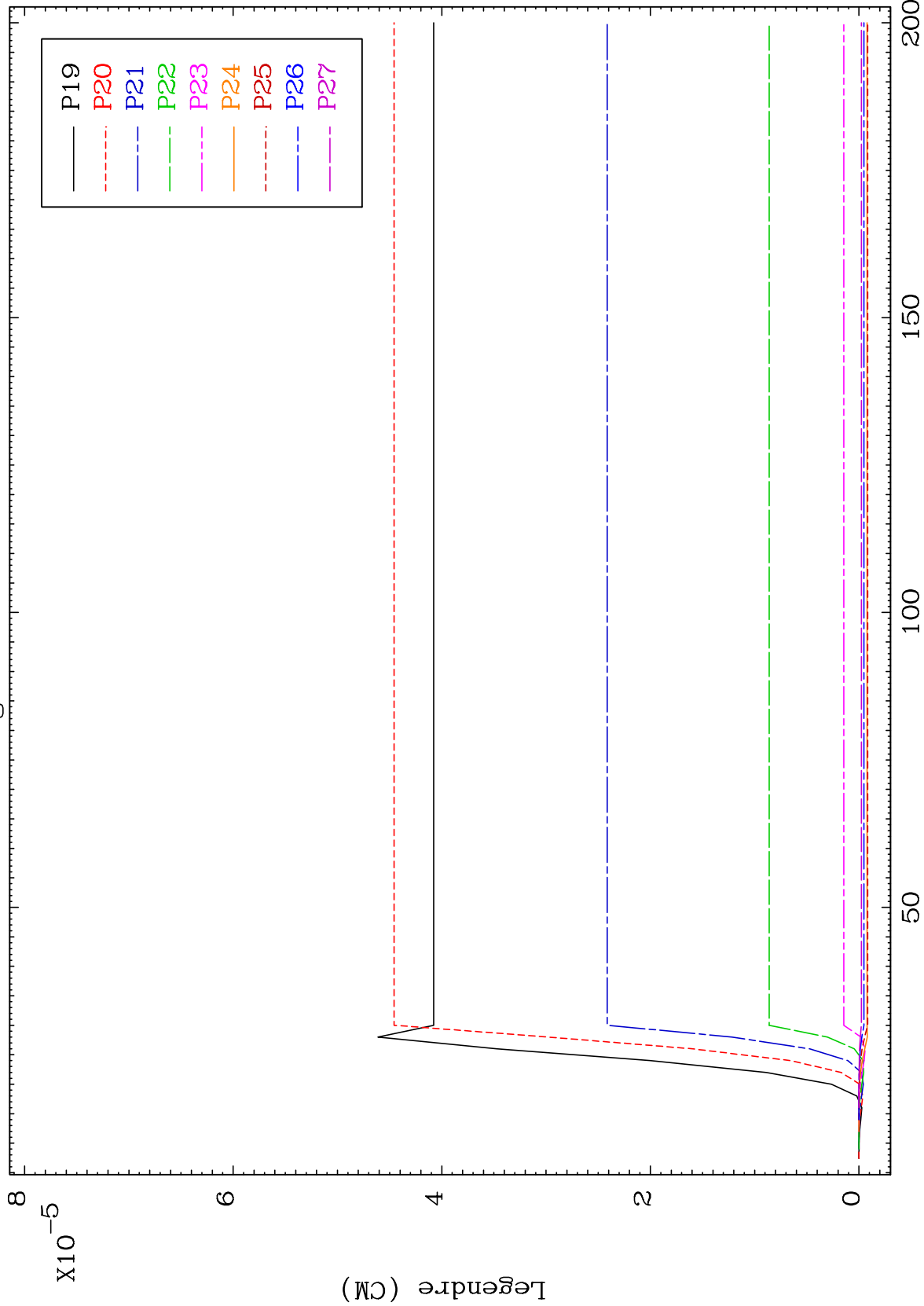
53-I -122



65

Incident Energy (MeV)

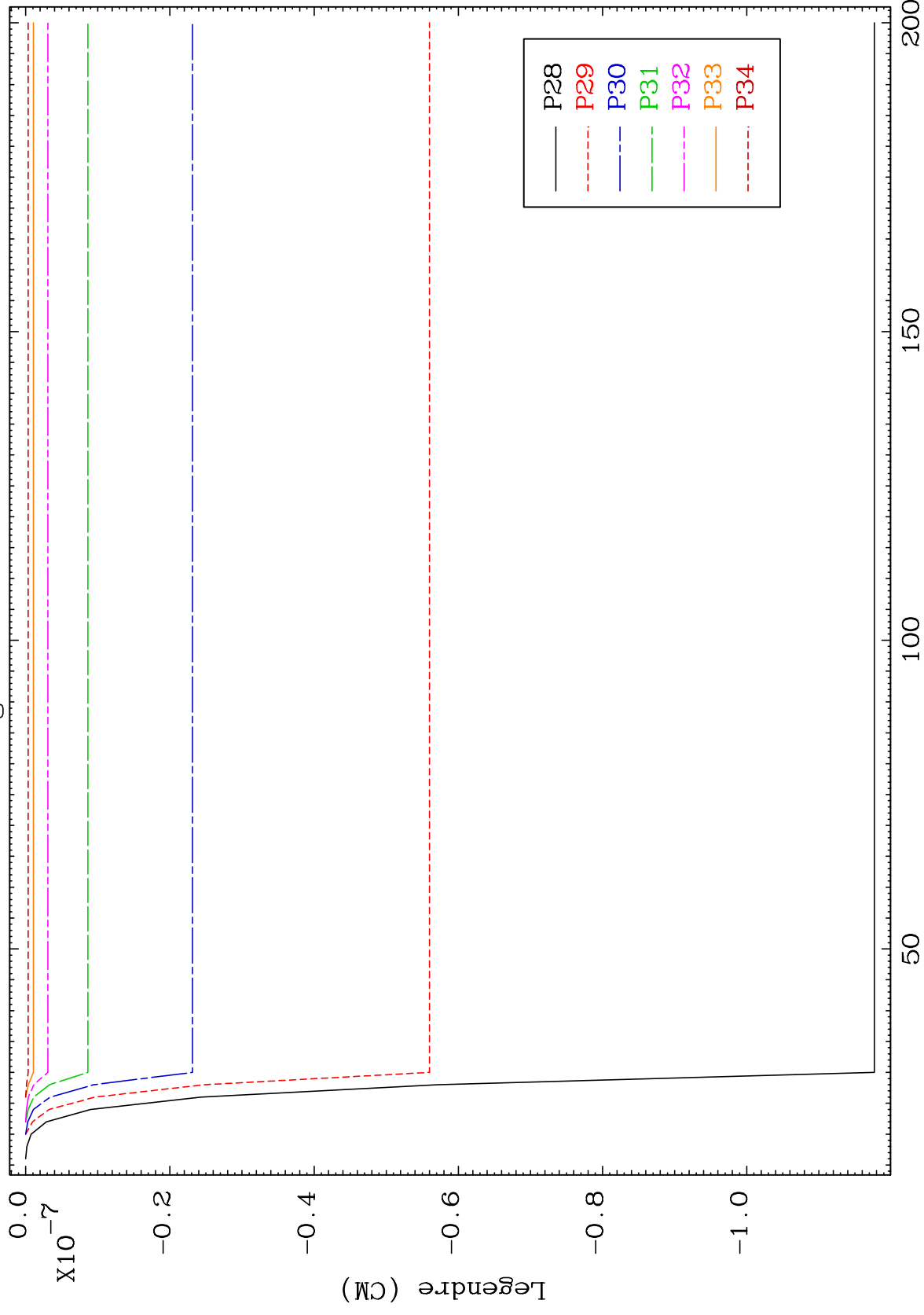
53-I -122



MAT 5310

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

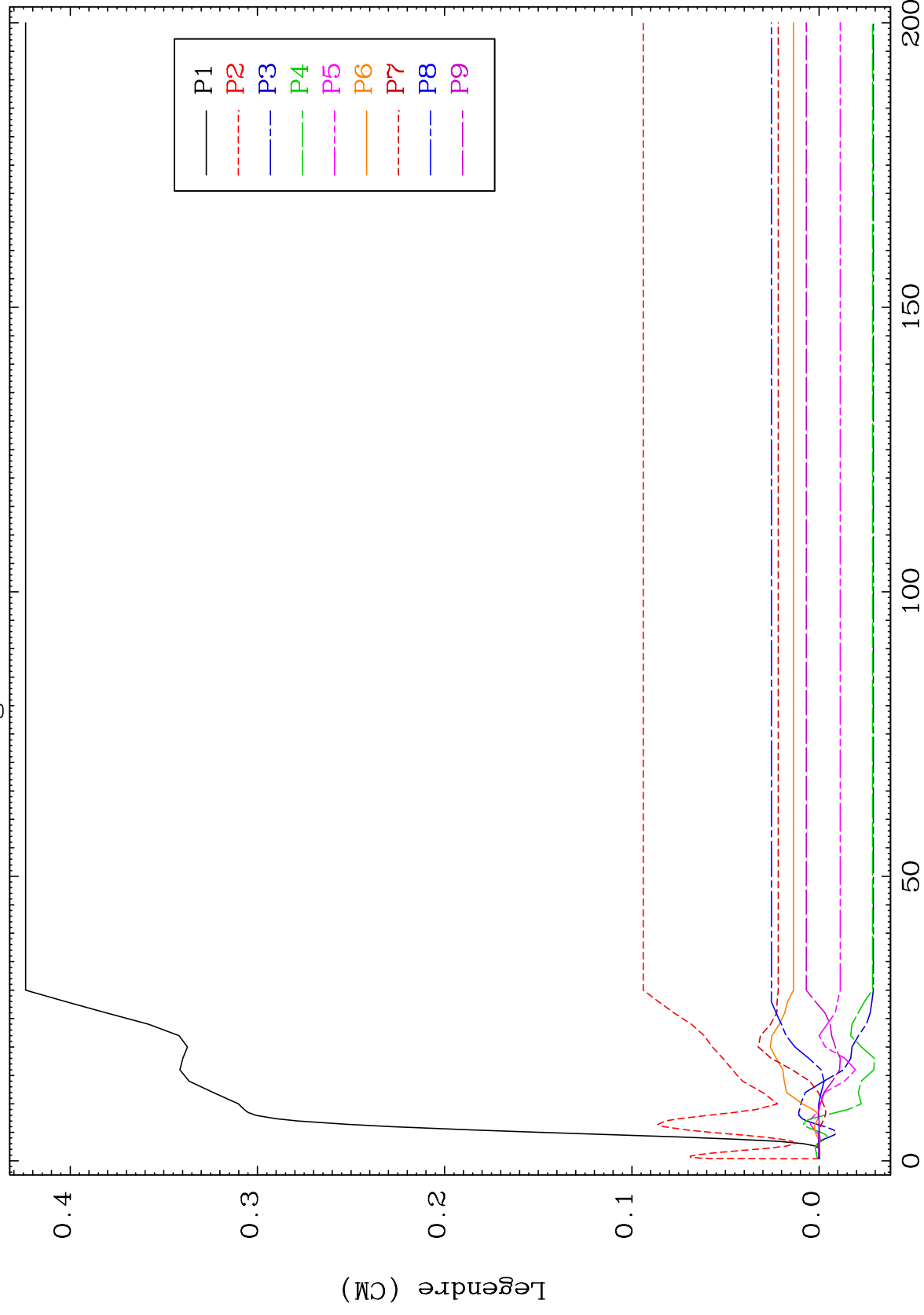
53-I -122



67

Incident Energy (MeV)

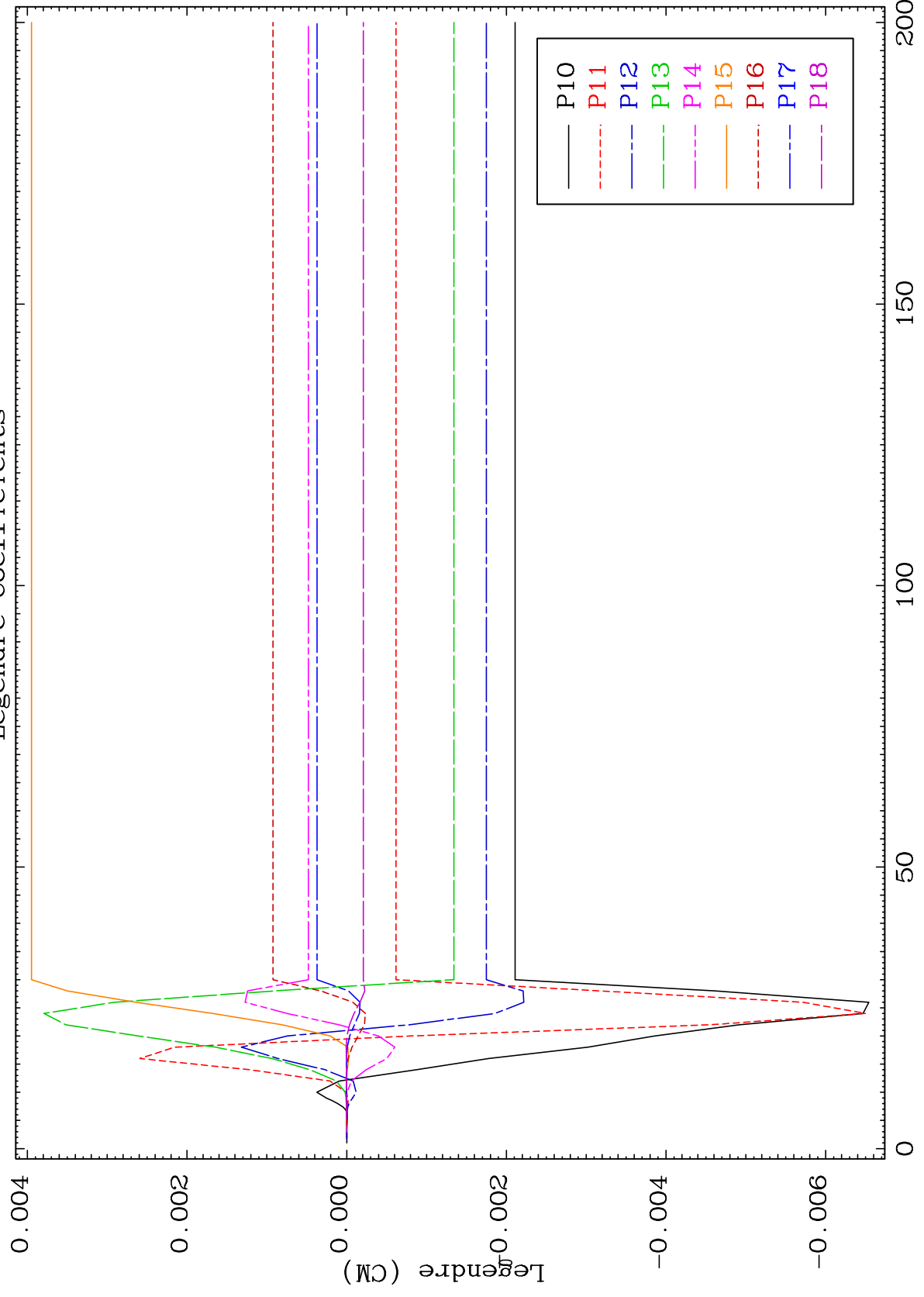
53-I -122



MAT 5310

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

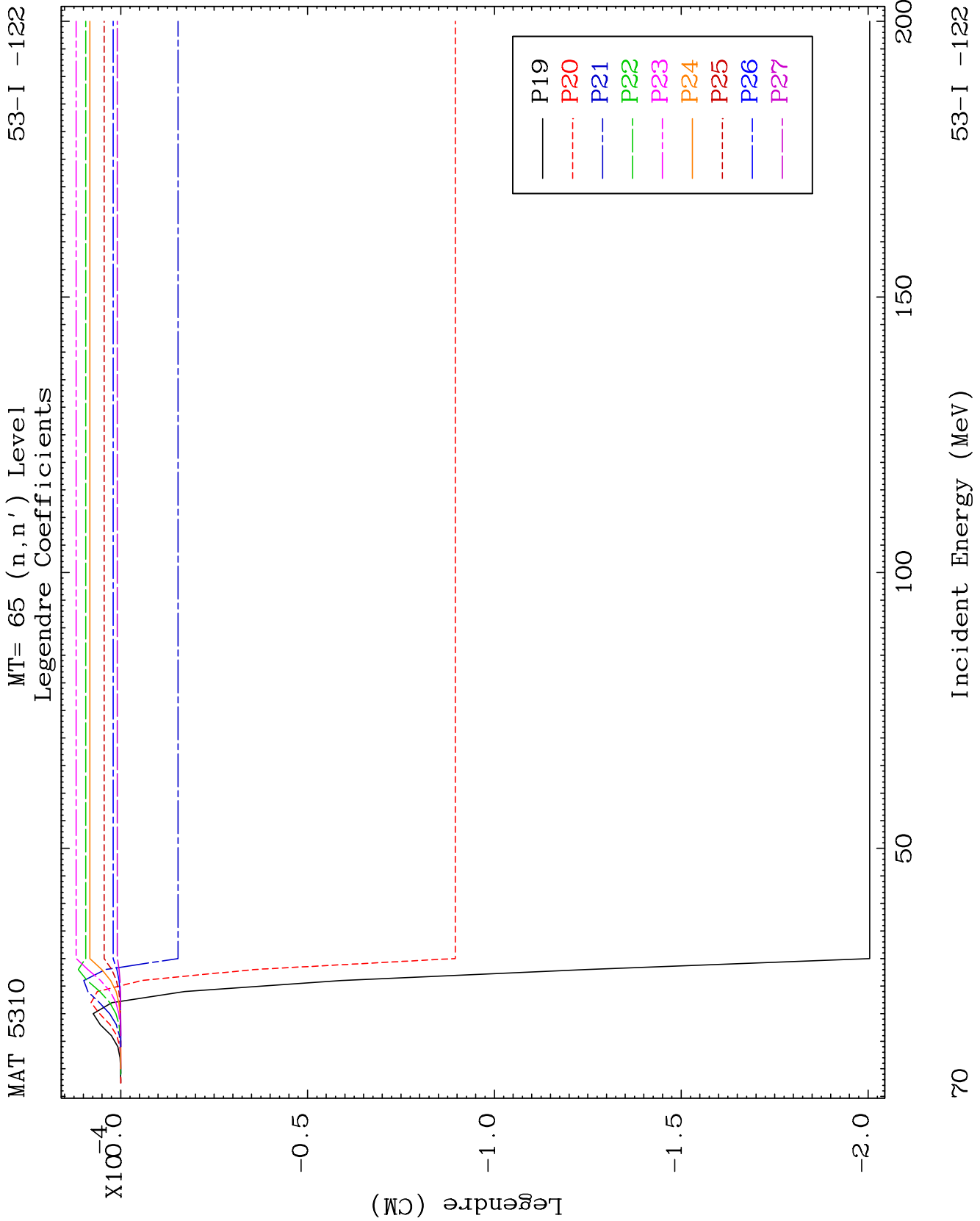
53-I -122



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Incident Energy (MeV)

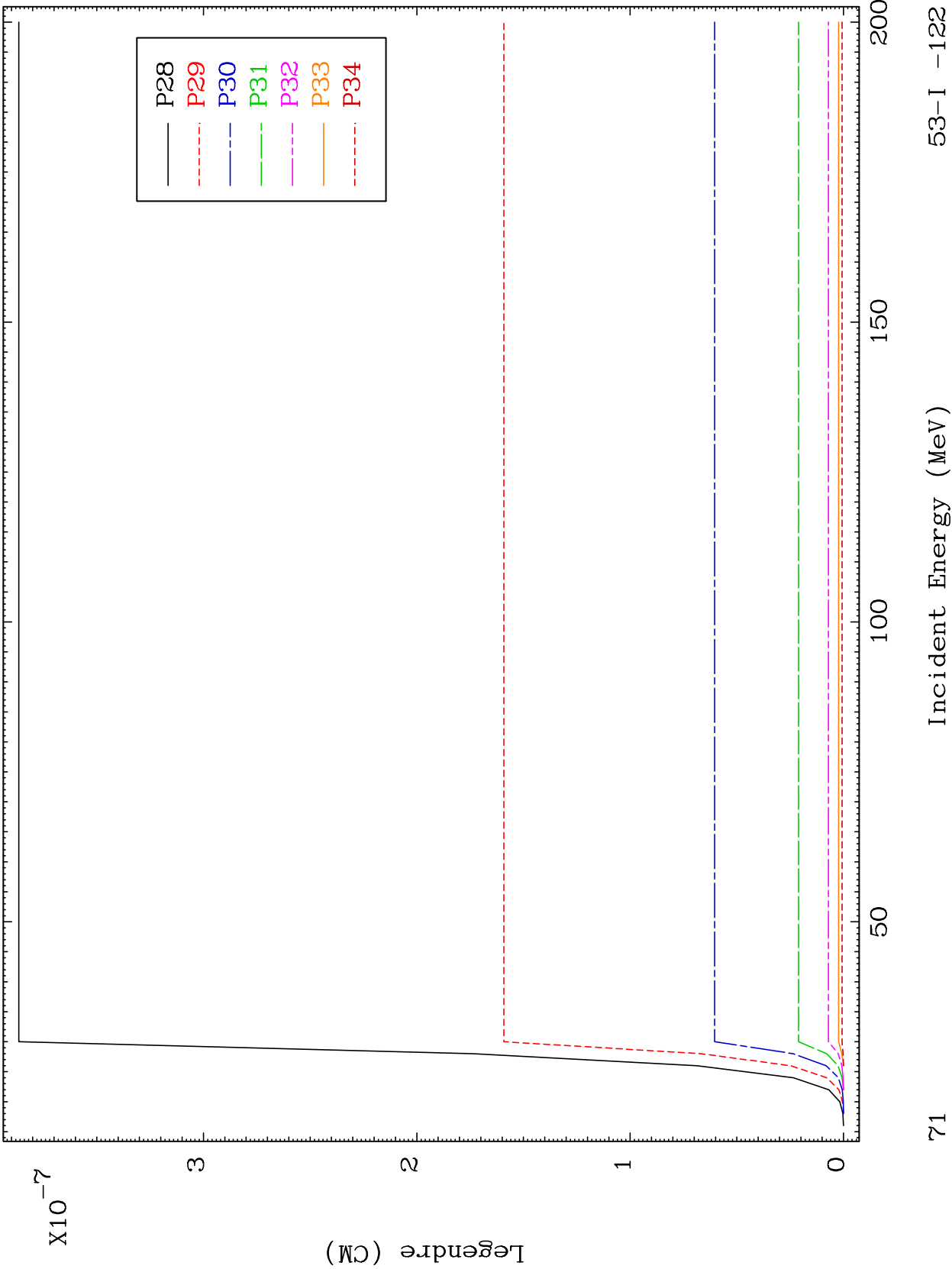
53-I -122



MAT 5310

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

53-I -122



71

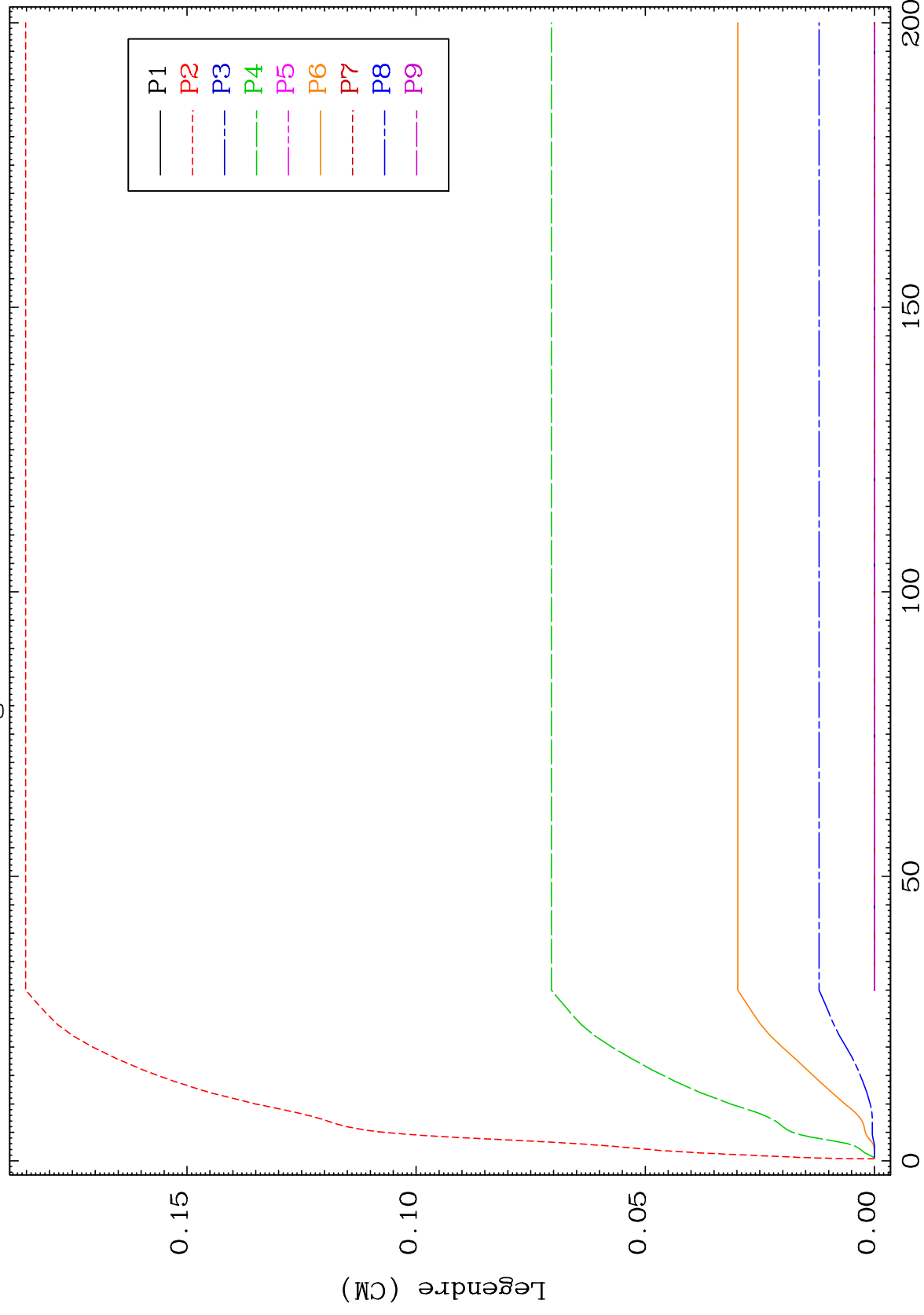
Incident Energy (MeV)

53-I -122

MAT 5310

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

53-I -122



72

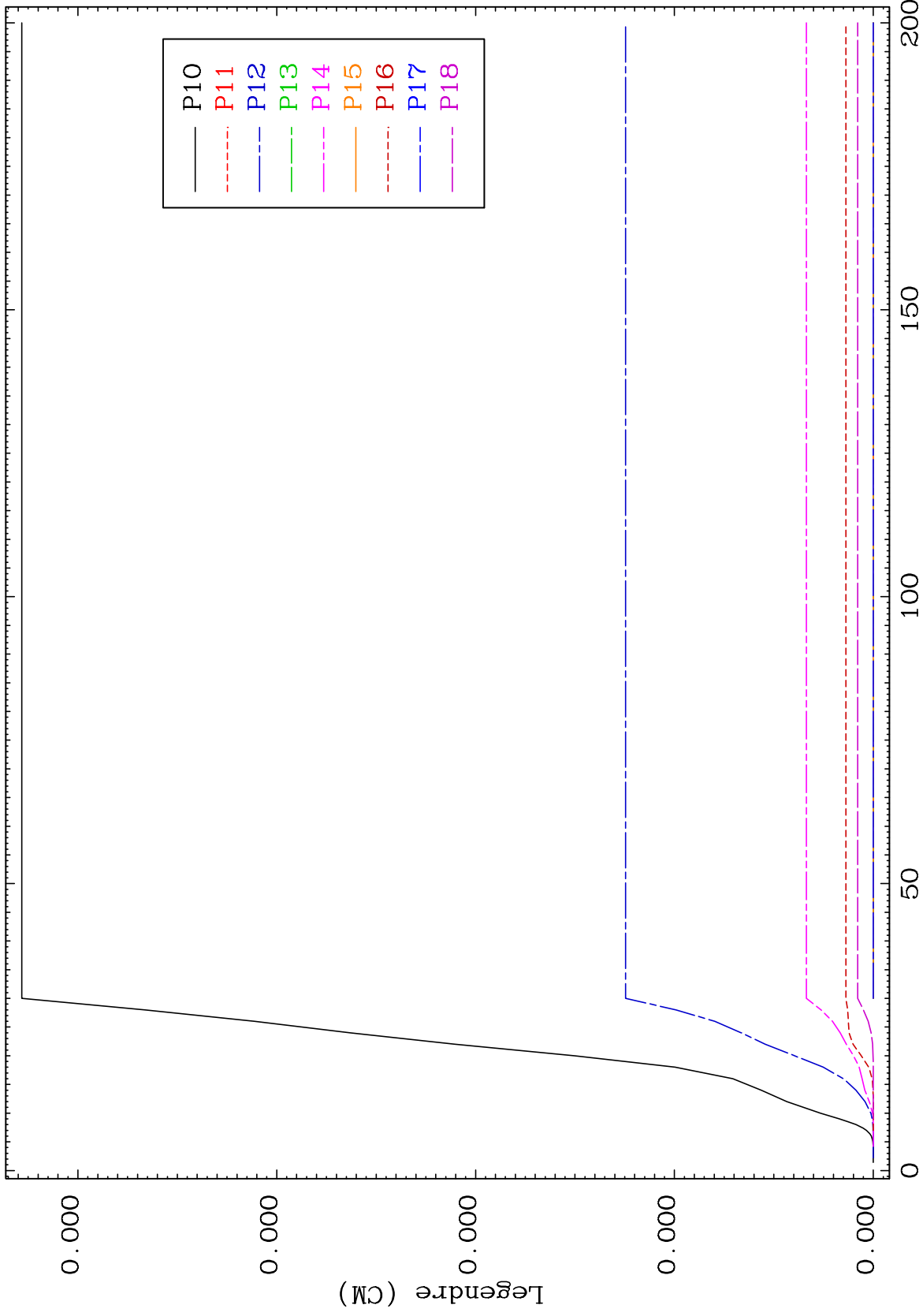
Incident Energy (MeV)

53-I -122

MAT 5310

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

53-I -122



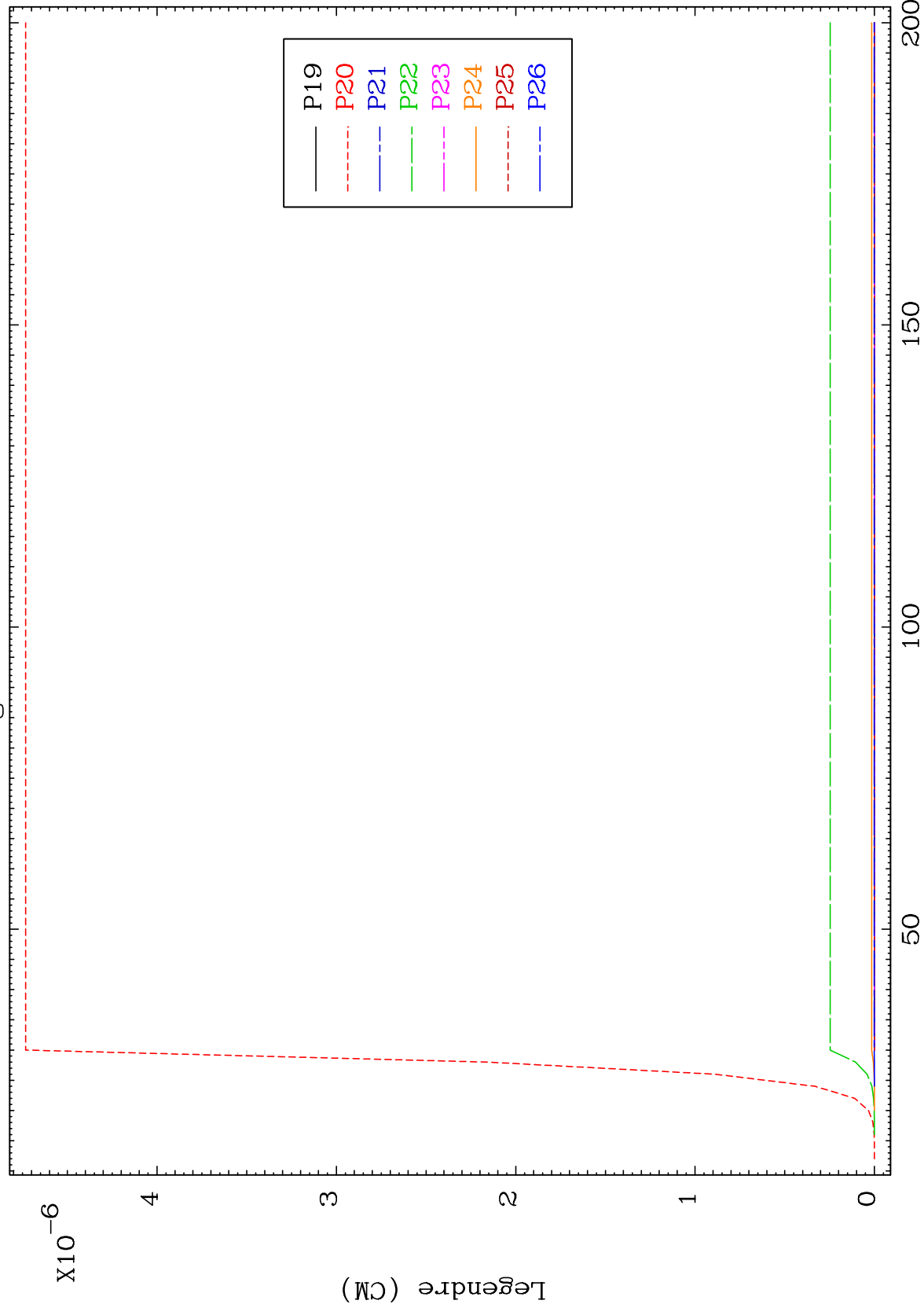
73

53-I -122

MAT 5310

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

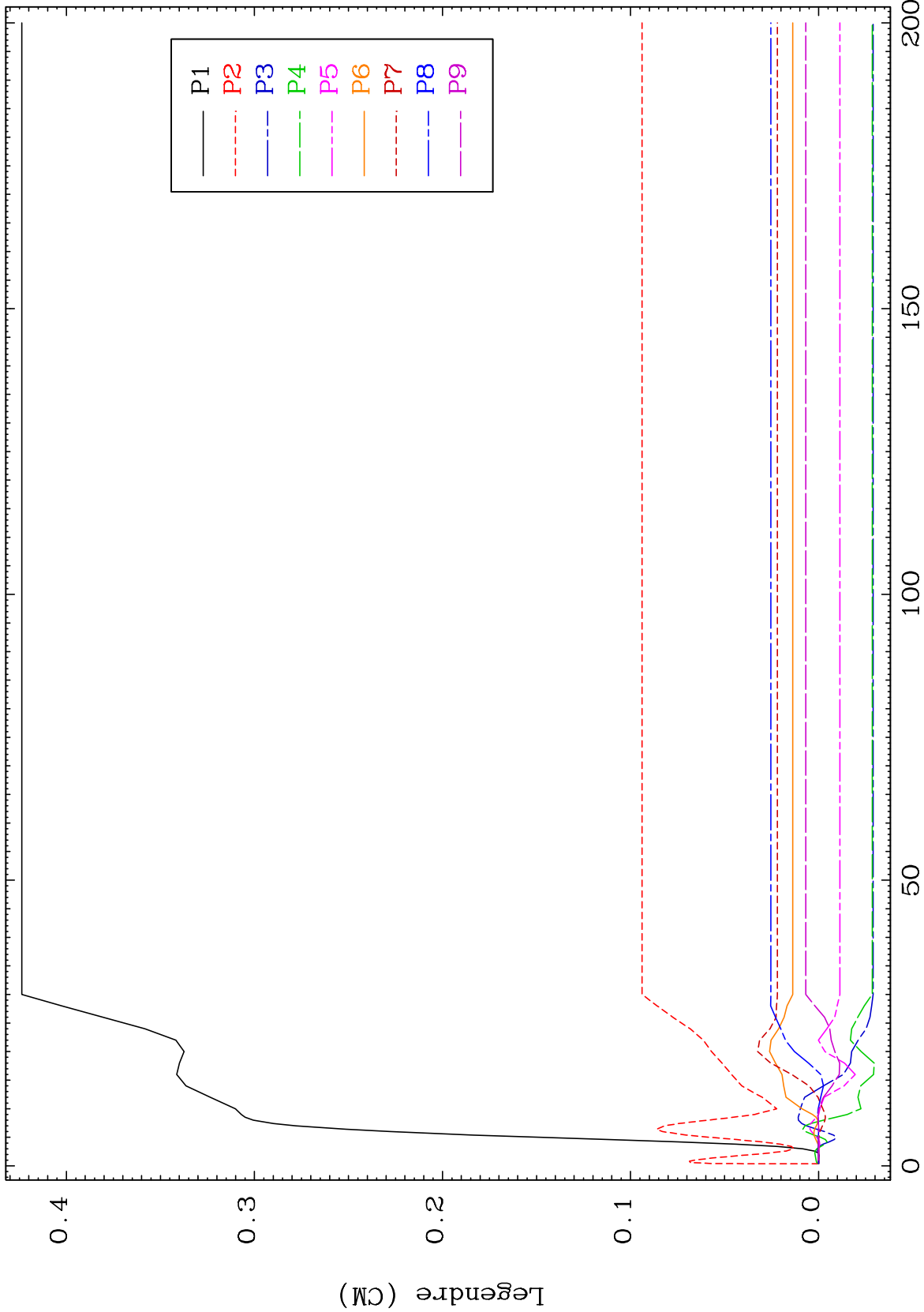
53-I -122



74

Incident Energy (MeV)

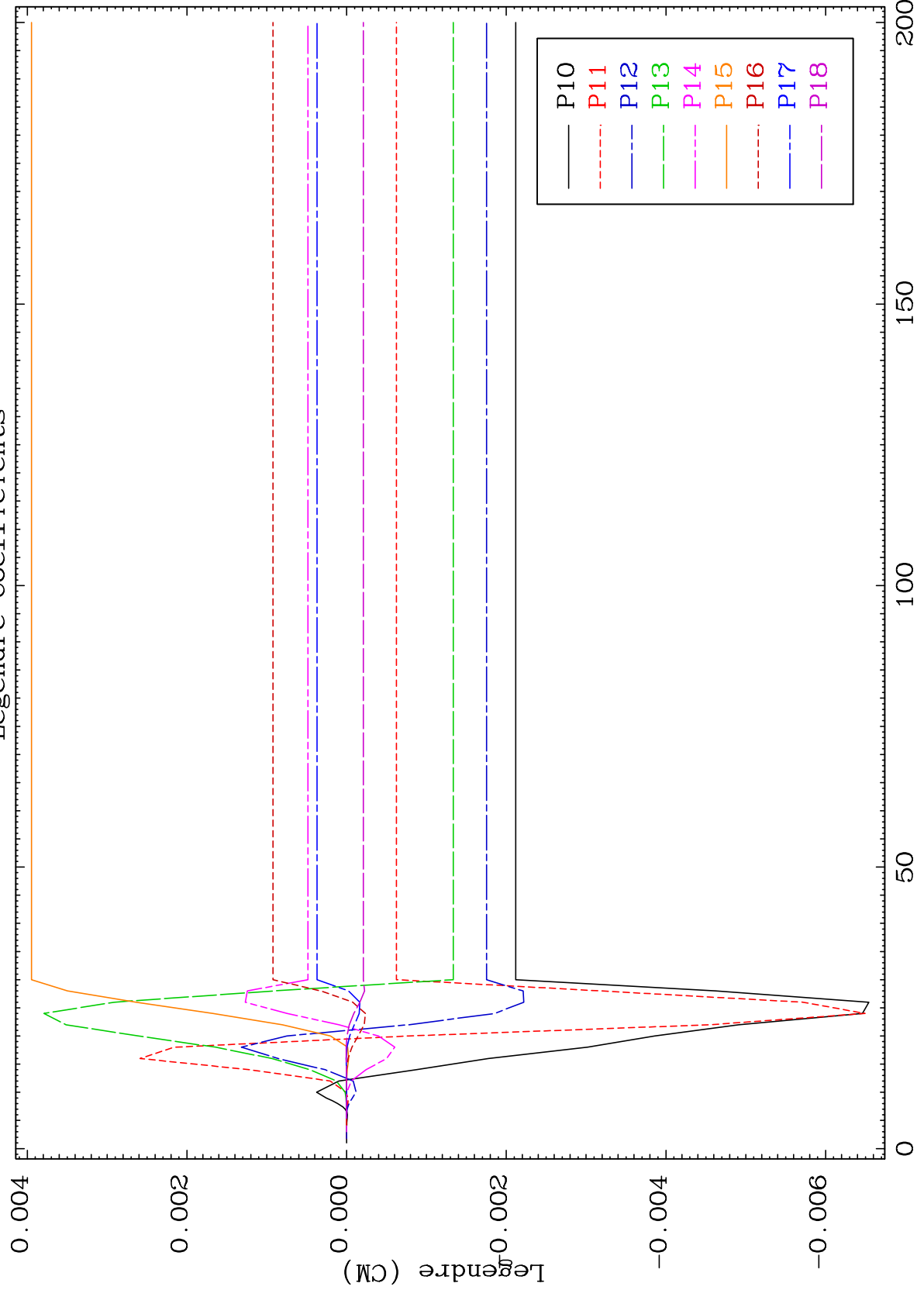
53-I -122



MAT 5310

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

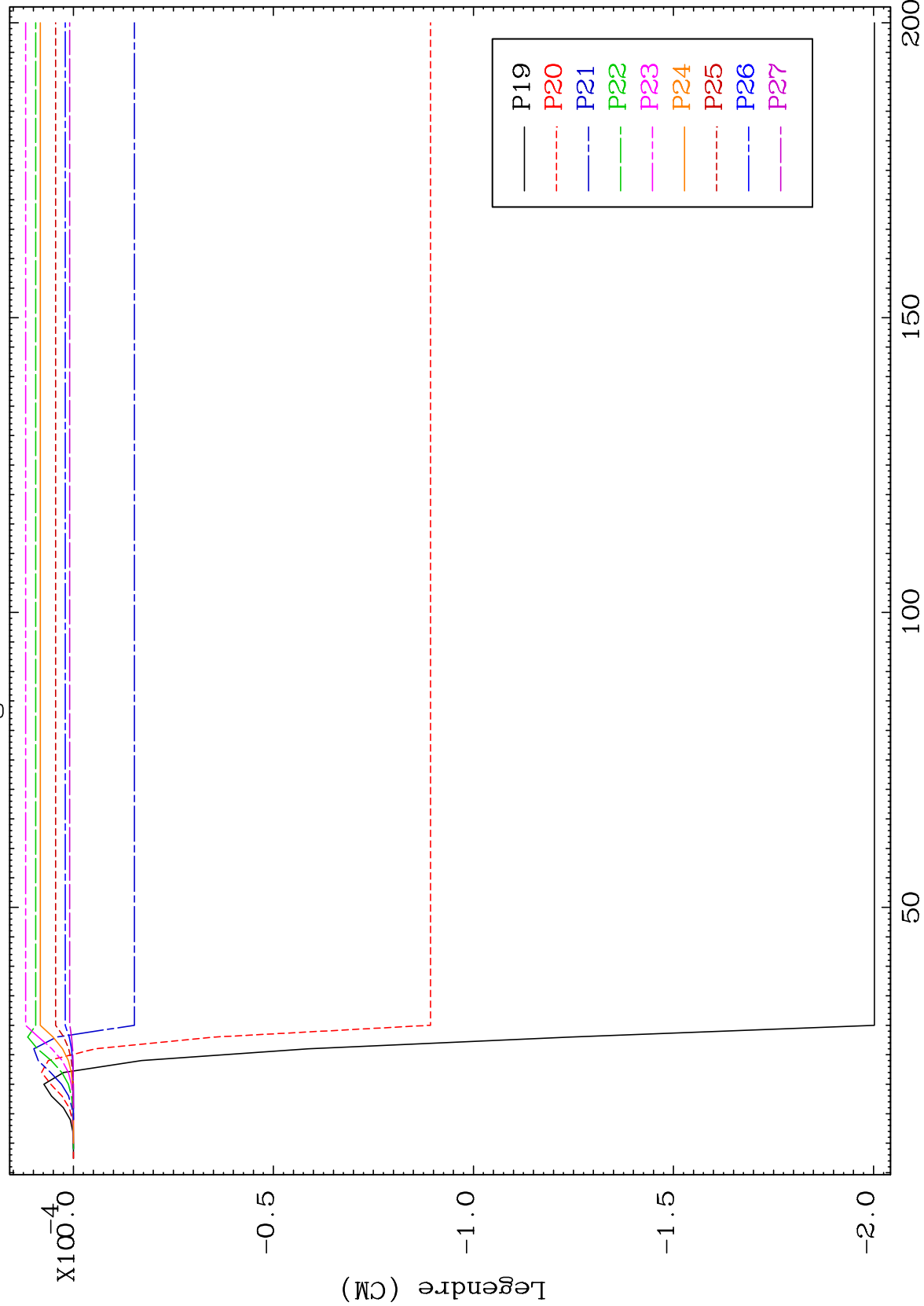
53-I -122



76

Incident Energy (MeV)

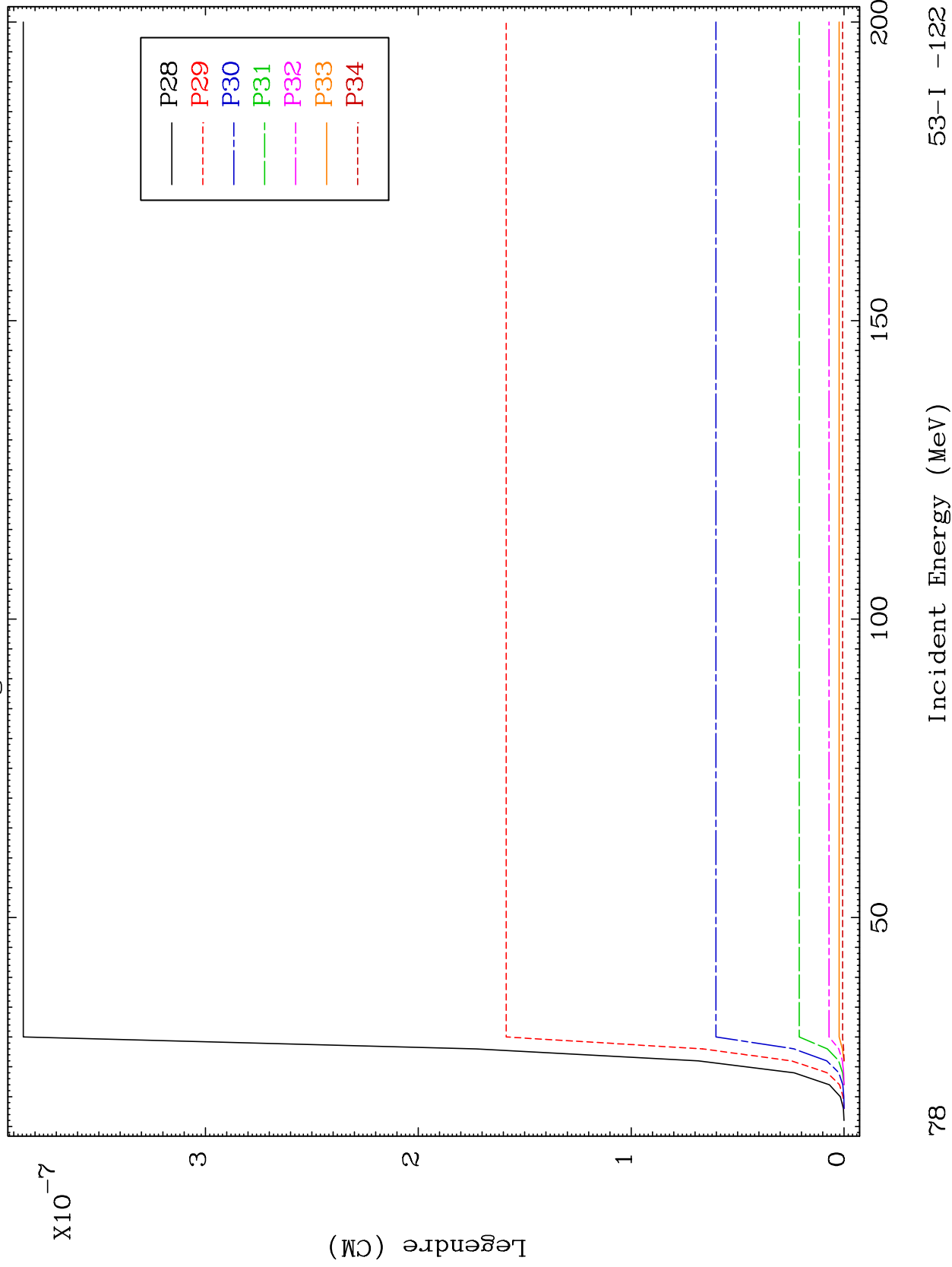
53-I -122



MAT 5310

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

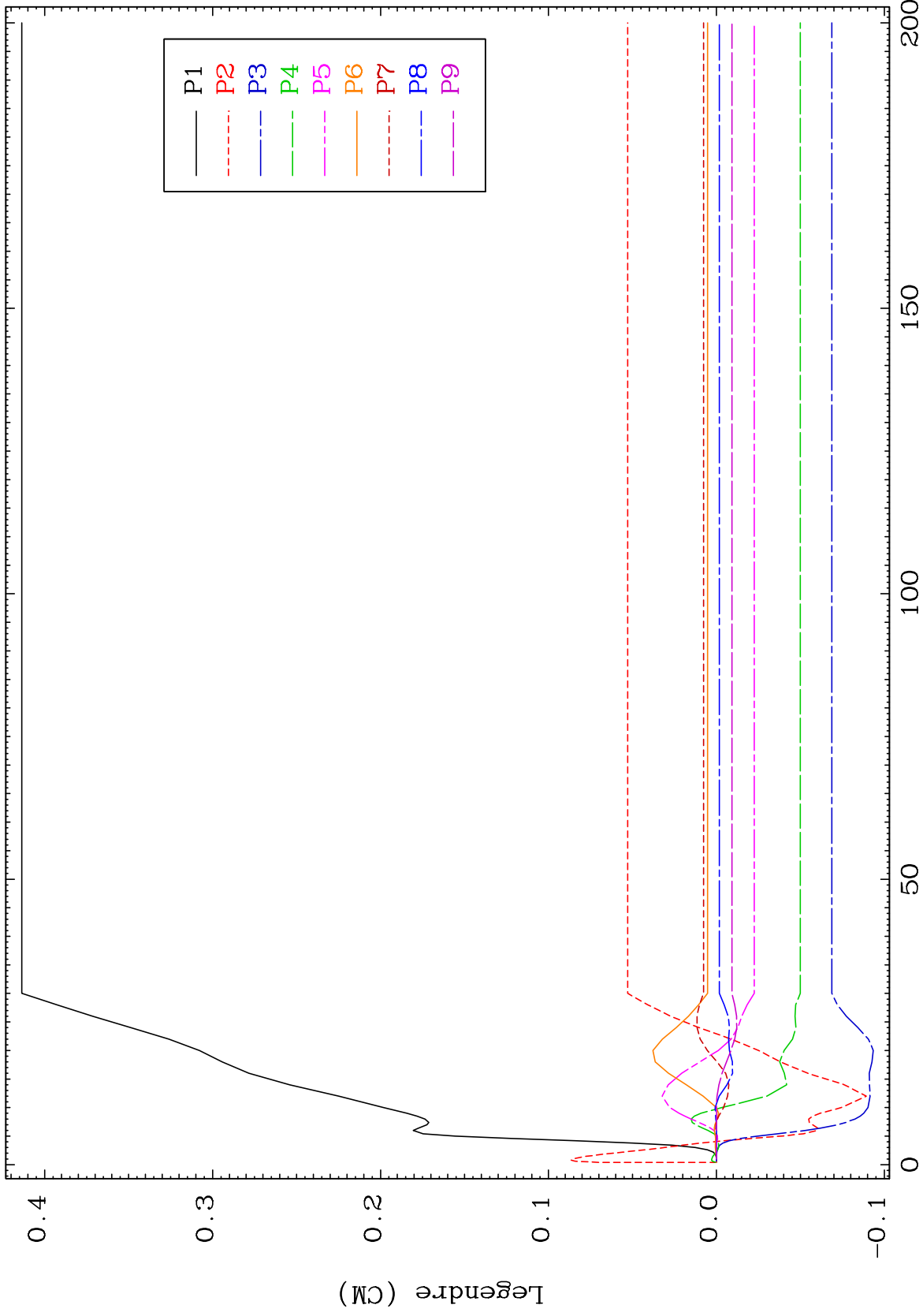
53-I -122



78

Incident Energy (MeV)

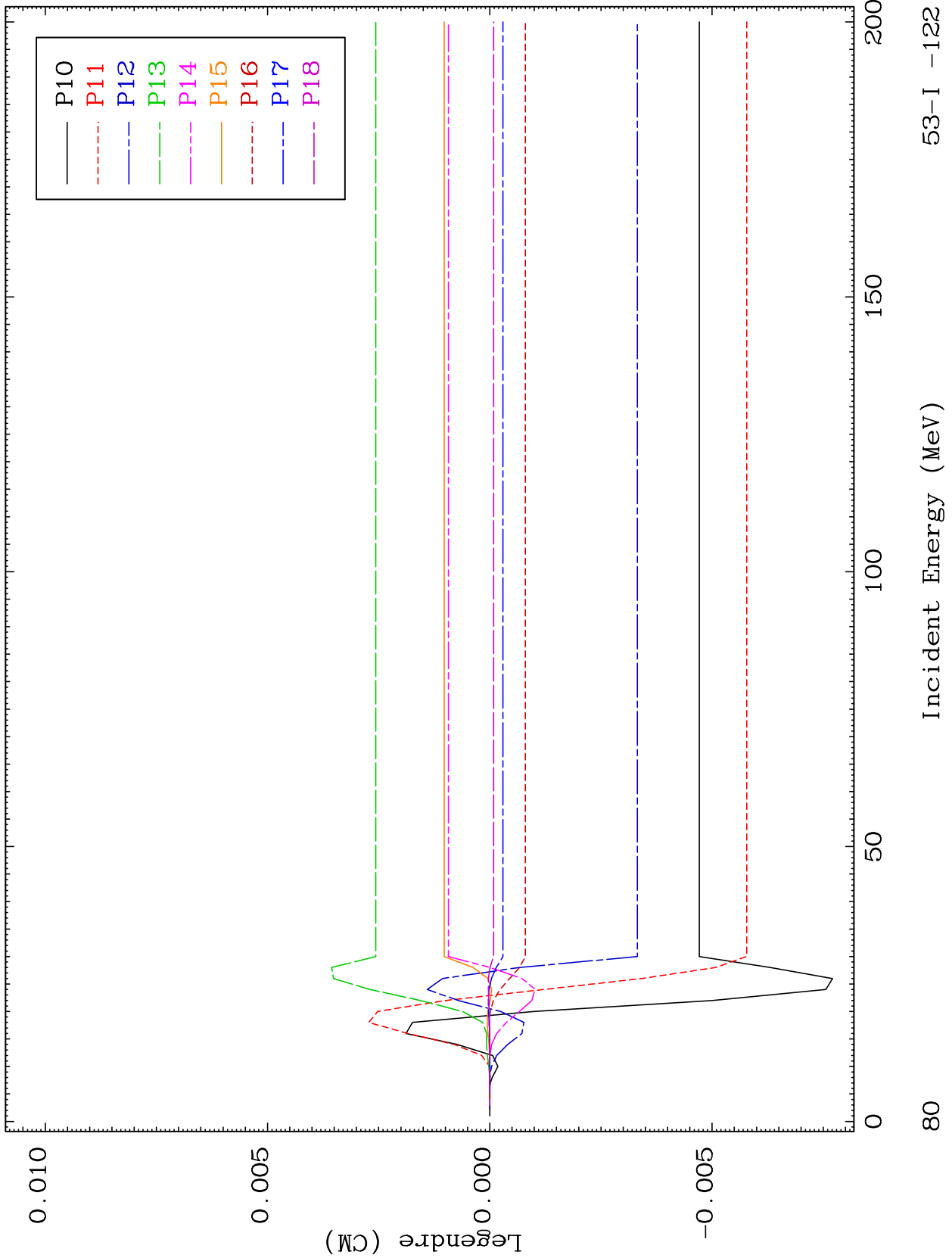
53-I -122



MAT 5310

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

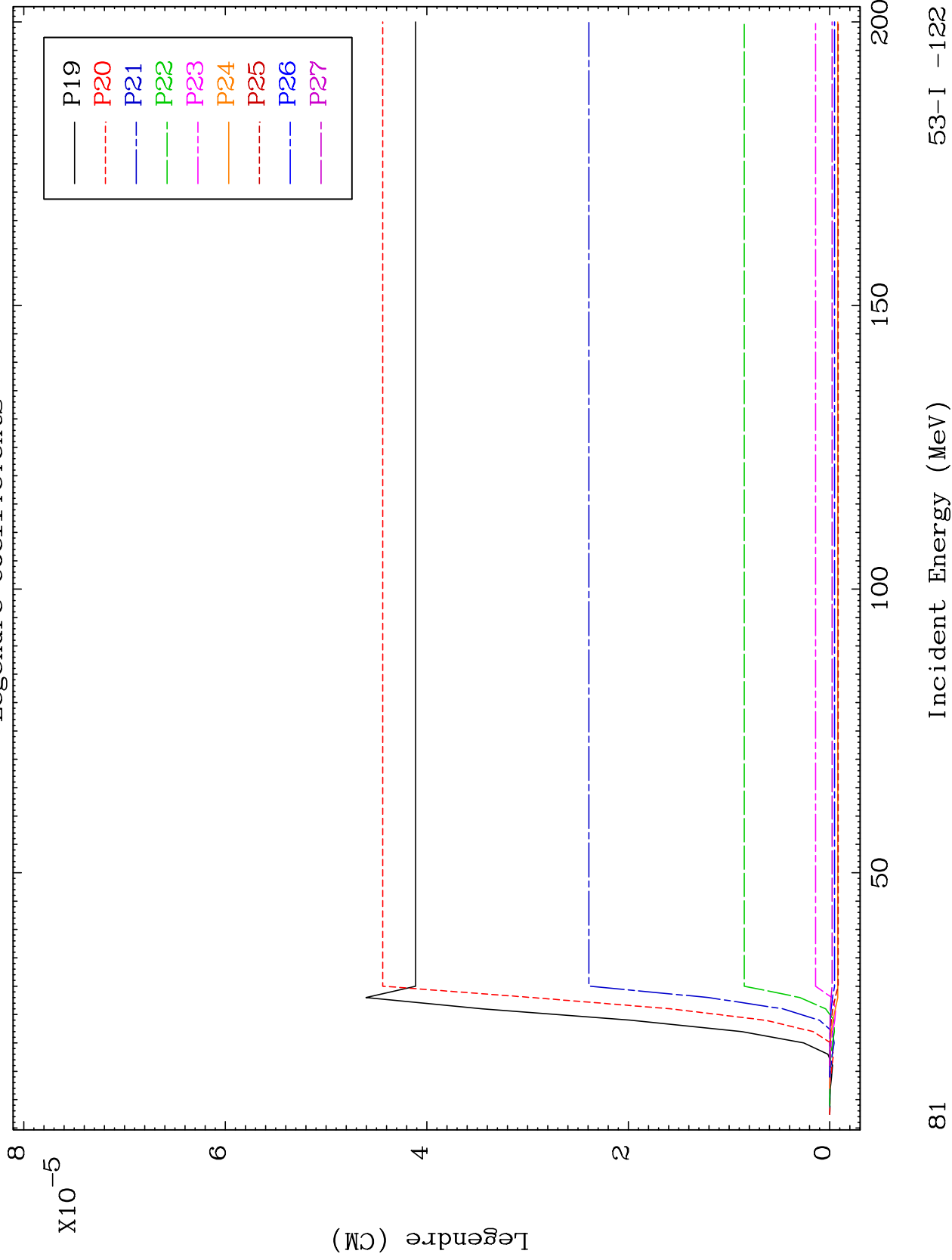
53-I -122



53-I -122

Incident Energy (MeV)

80

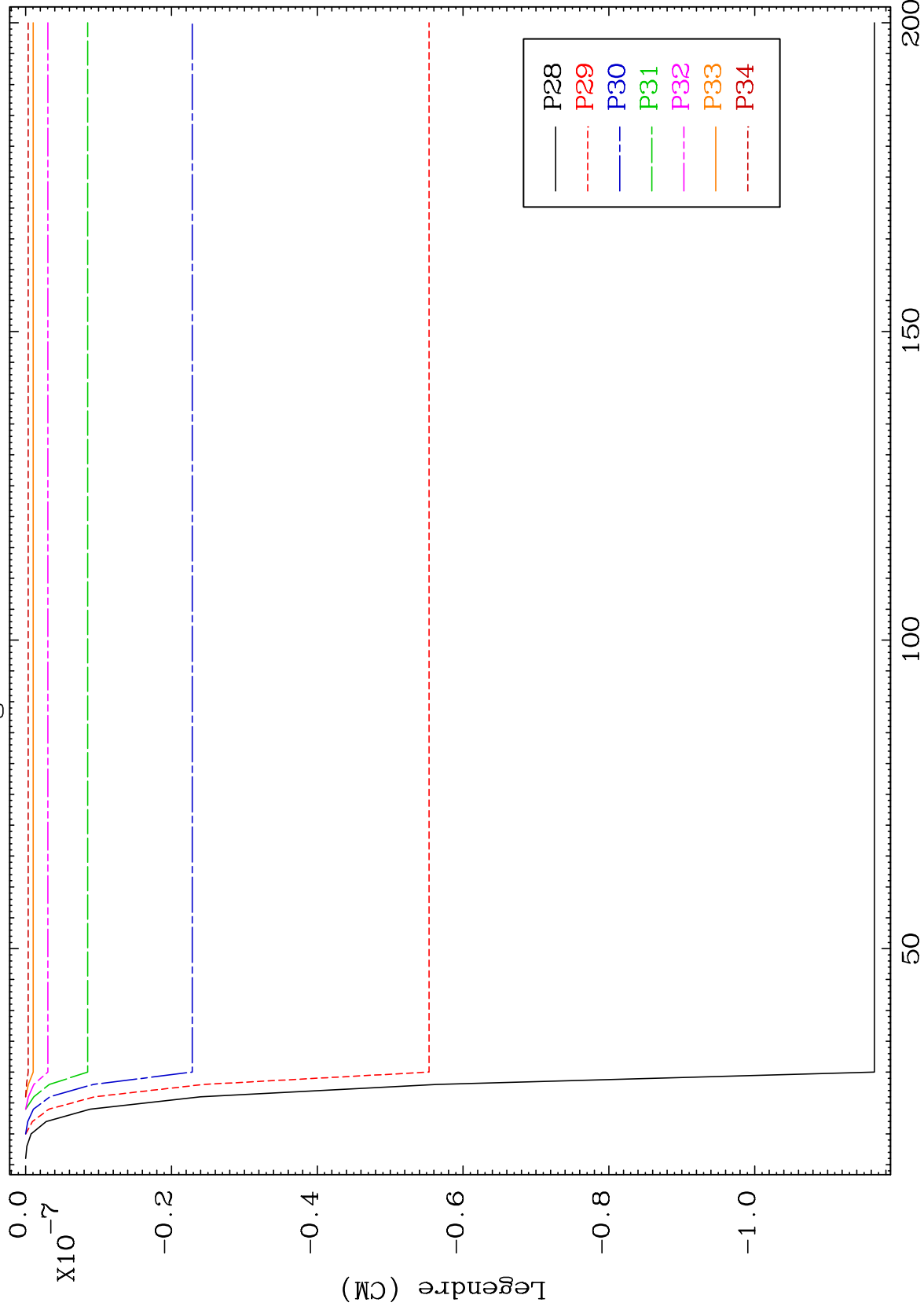


MAT 5310

MT= 68 (n,n') Level

53-I -122

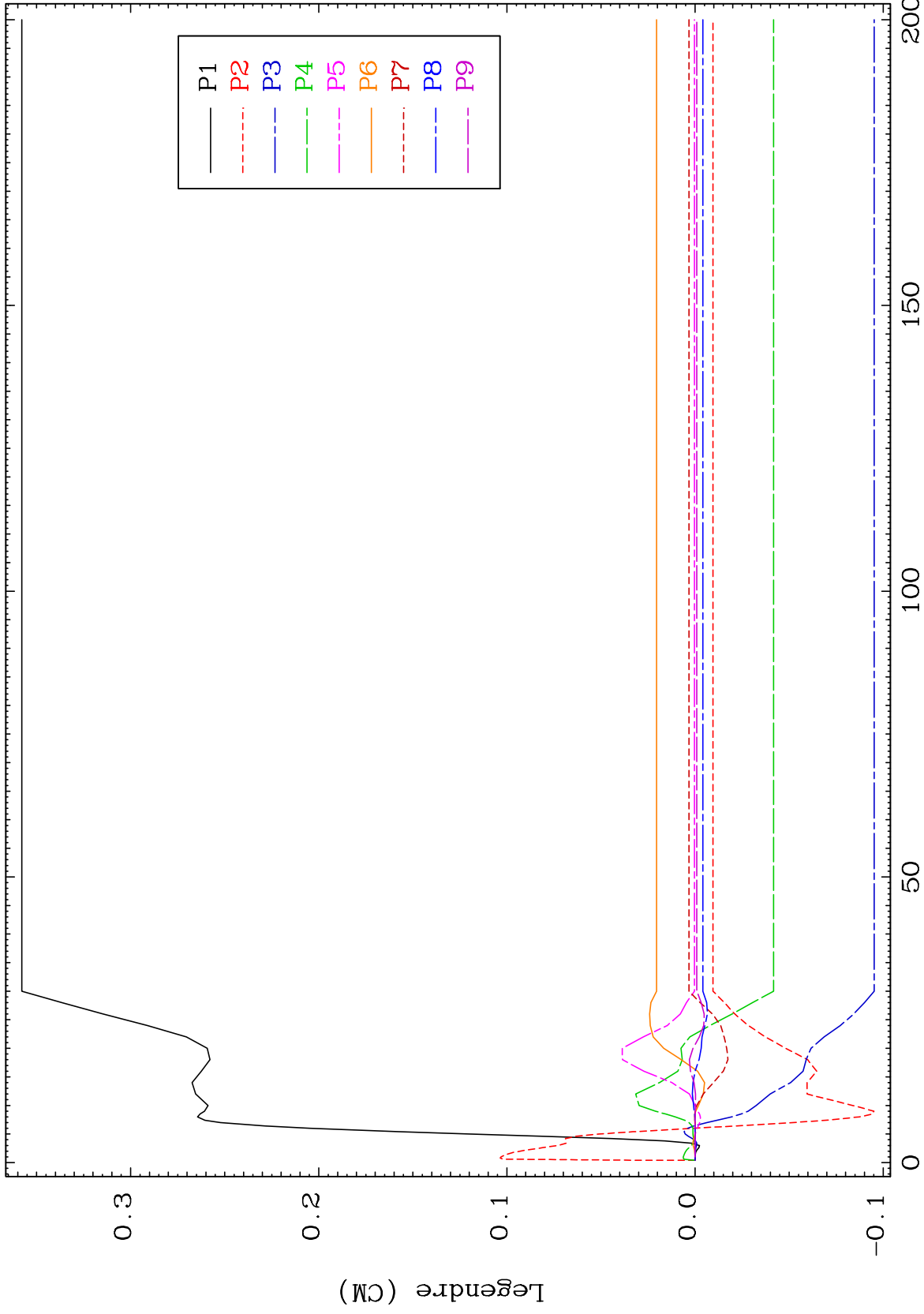
Legendre Coefficients



MAT 5310

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

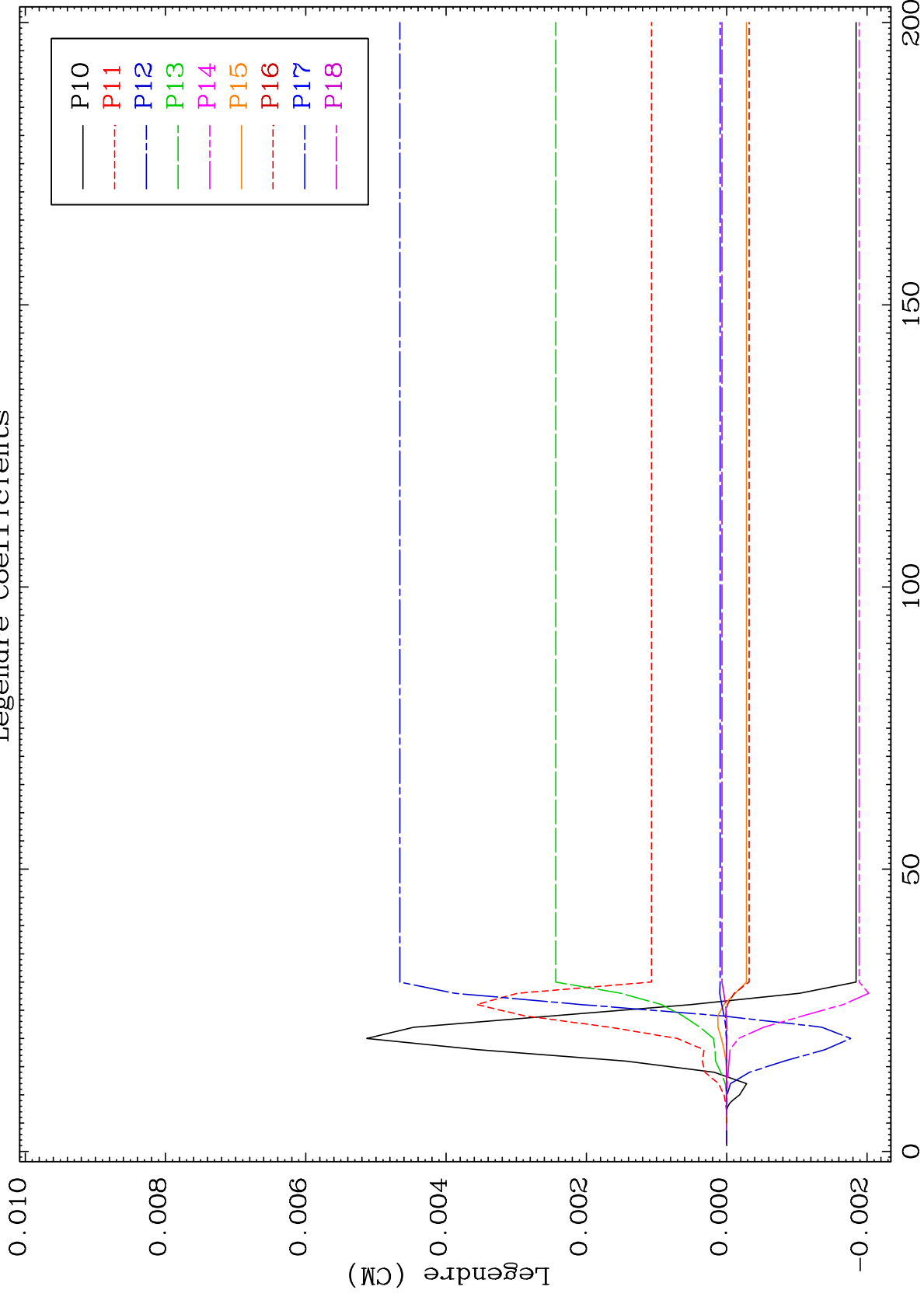
53-I -122

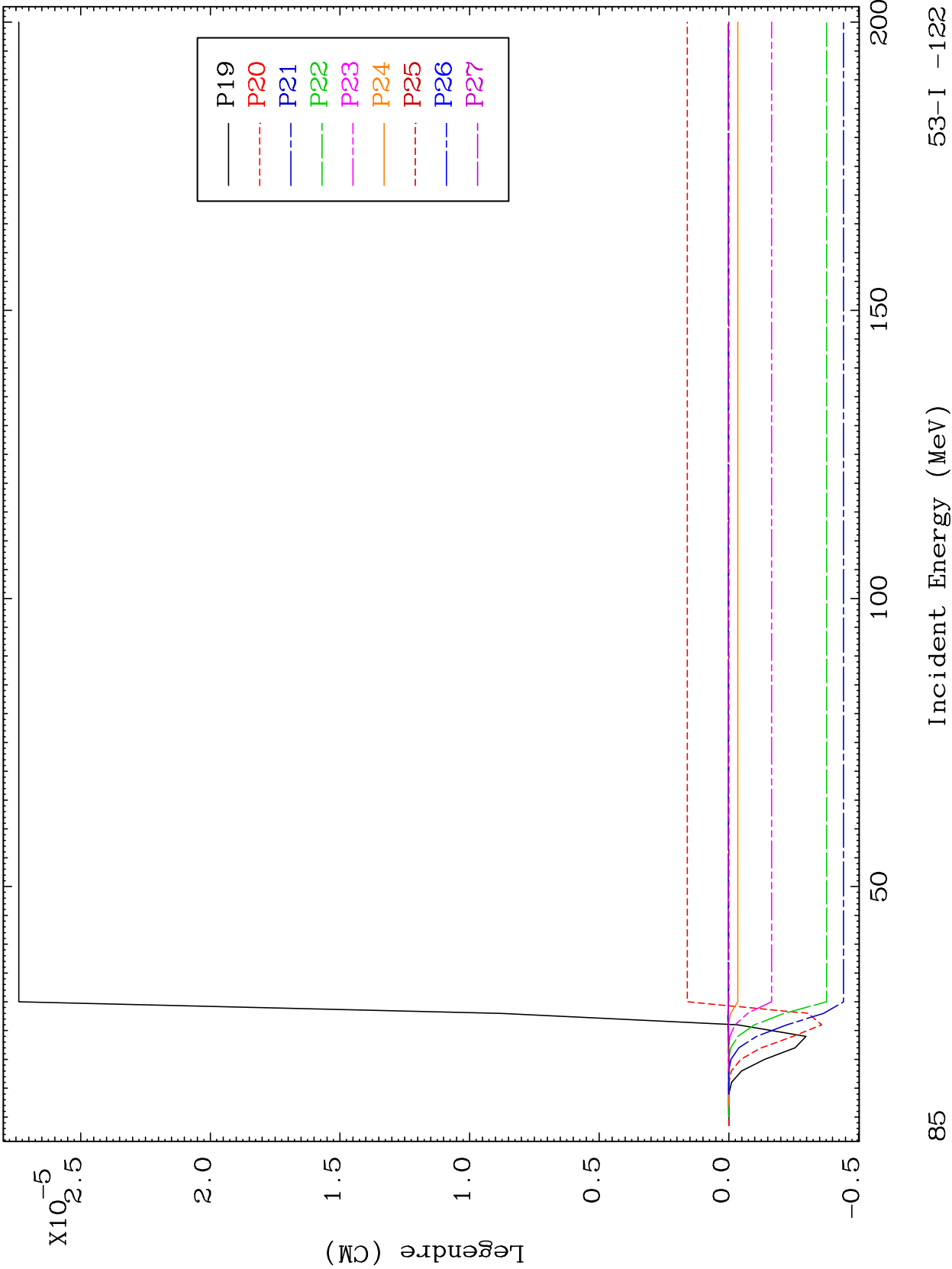


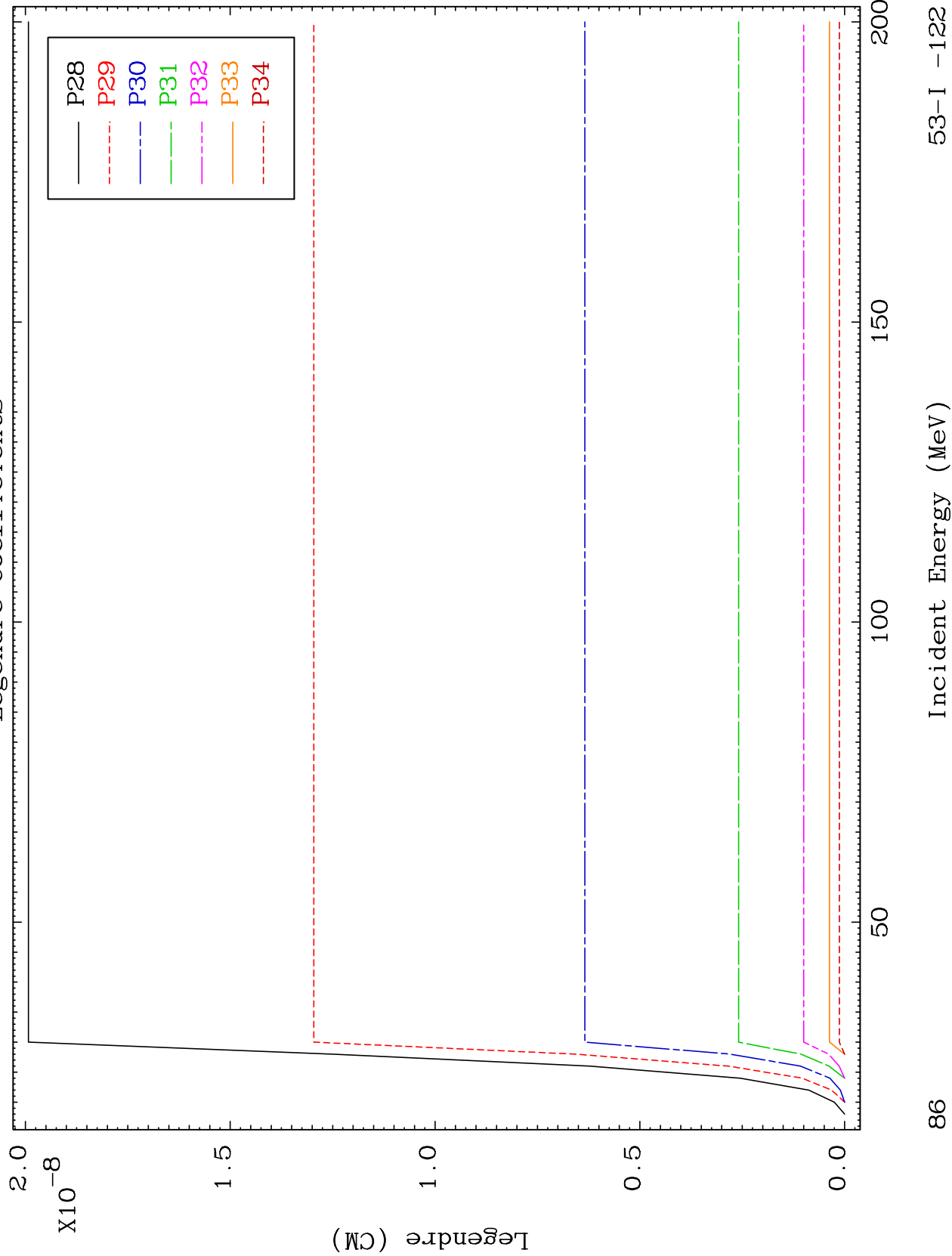
83

Incident Energy (MeV)

53-I -122



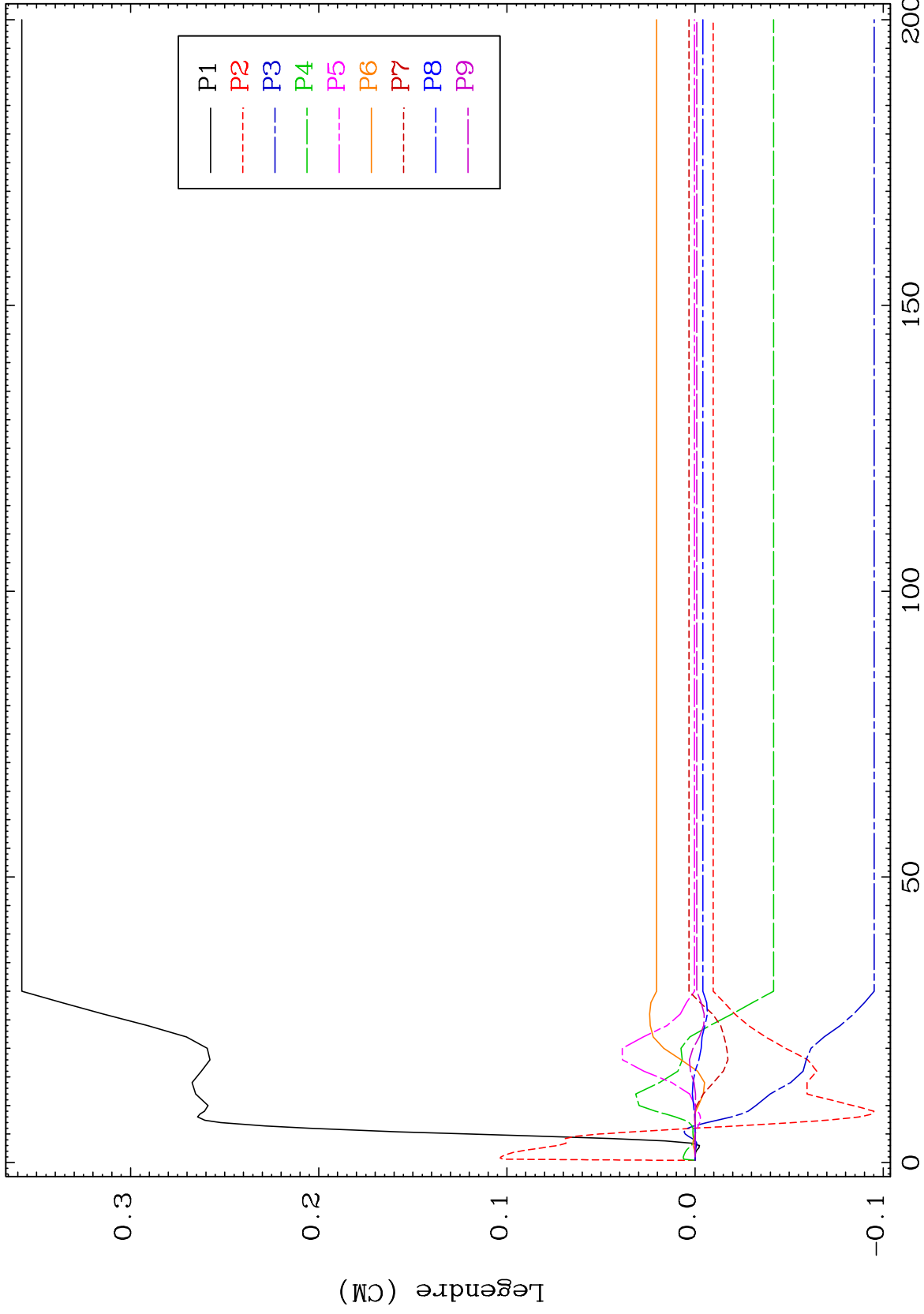




MAT 5310

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

53-I -122



87

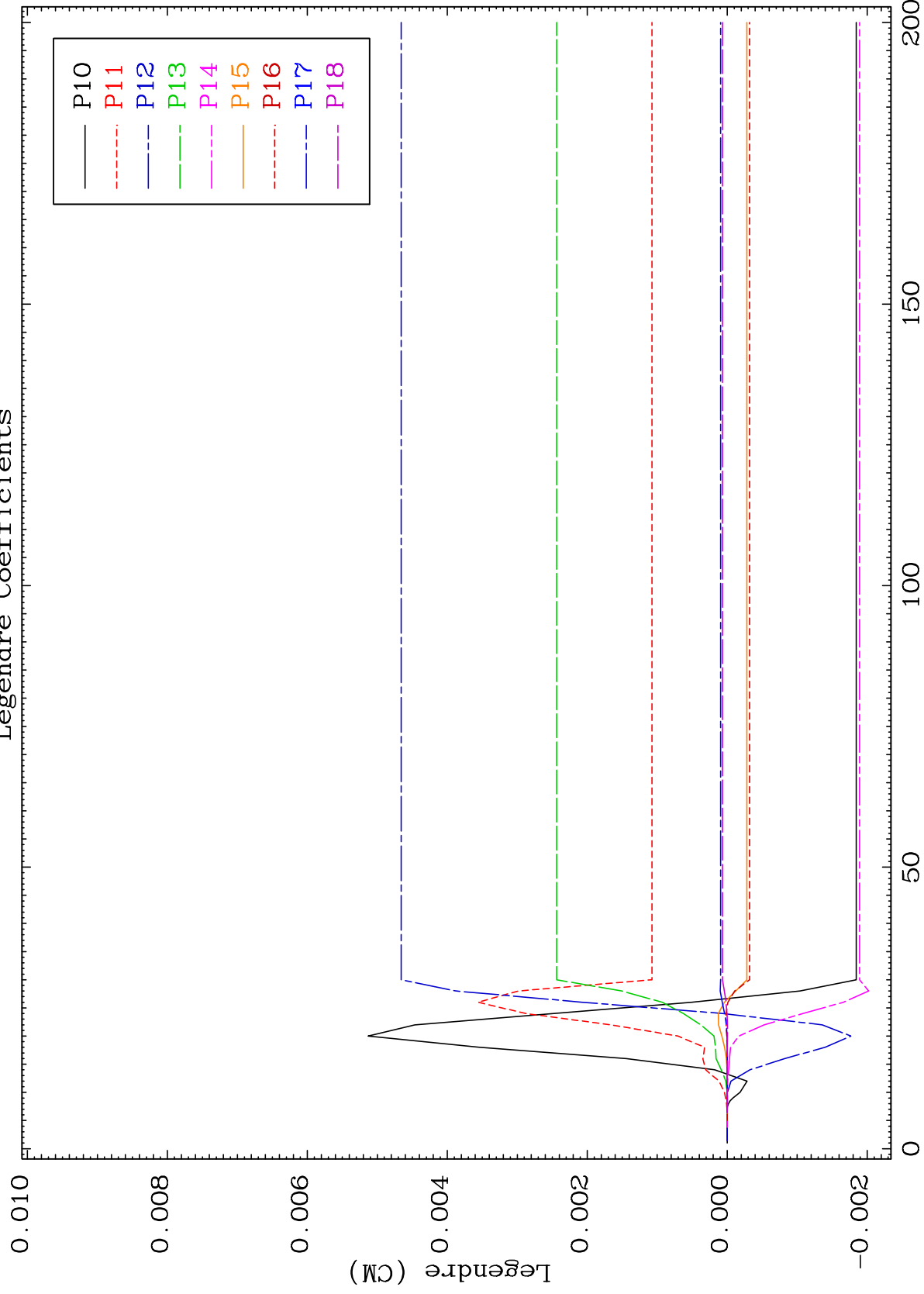
Incident Energy (MeV)

53-I -122

MAT 5310

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

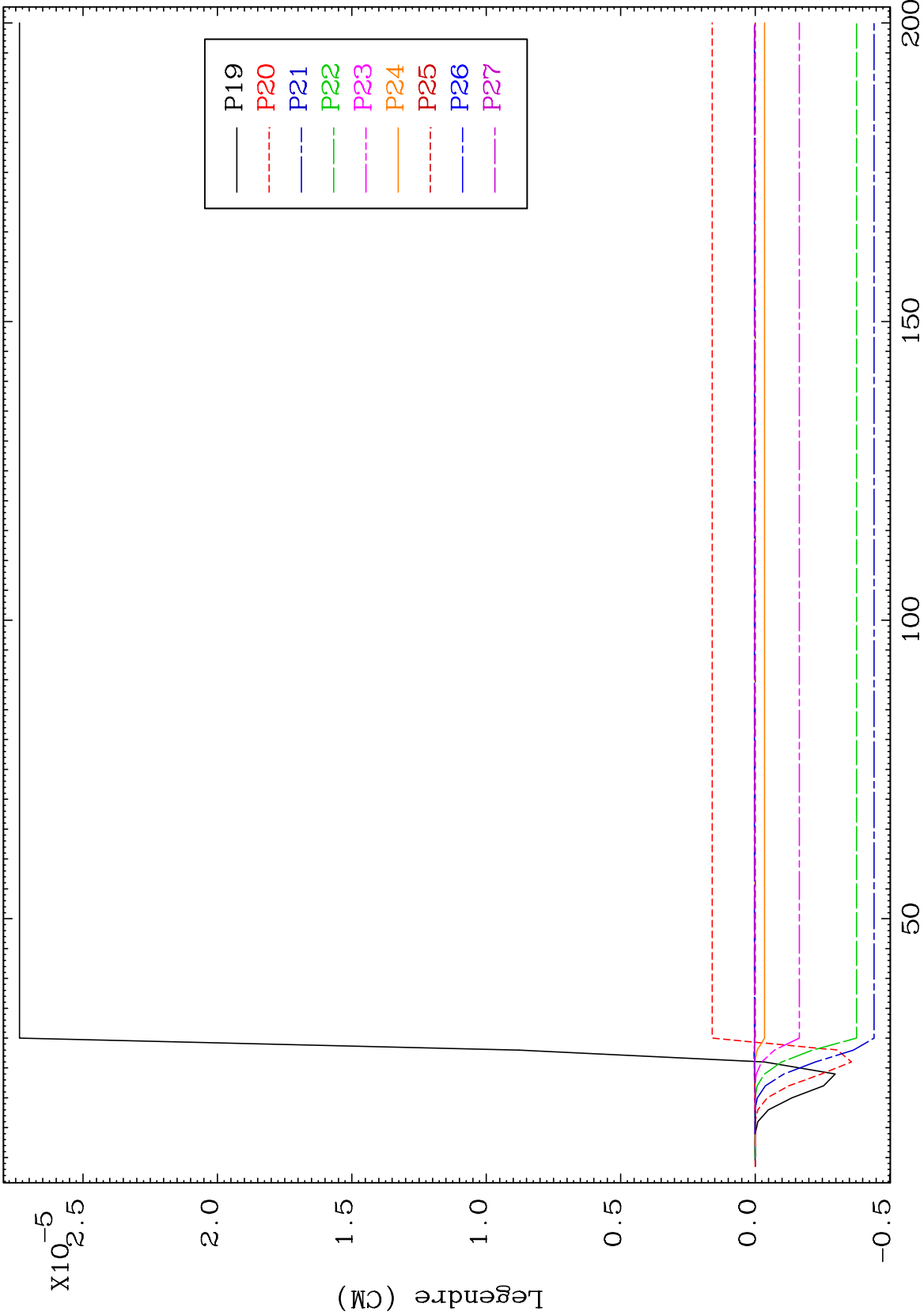
53-I -122



88

Incident Energy (MeV)

53-I -122

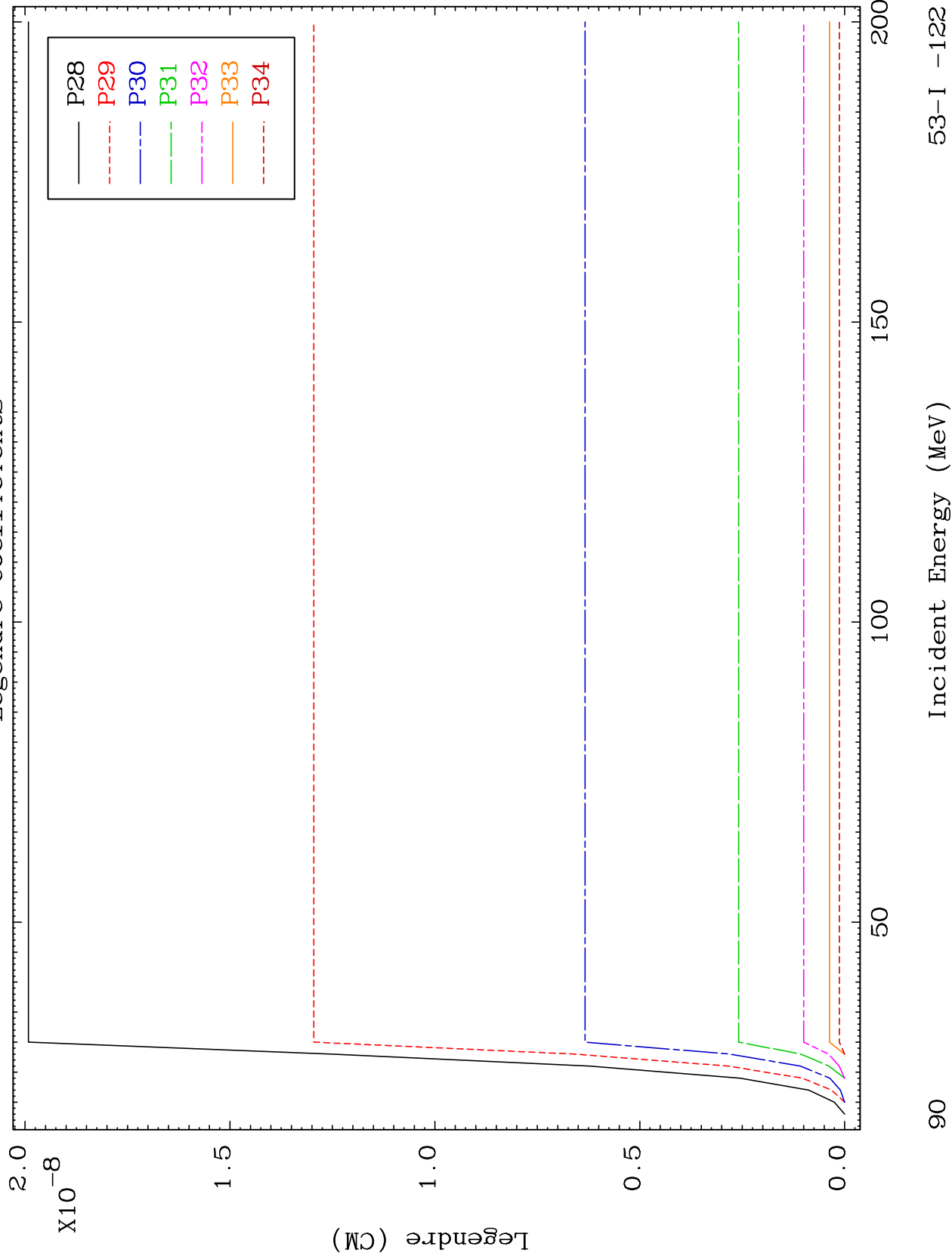


MAT 5310

MT= 70 (n,n') Level

53-I -122

Legendre Coefficients



90

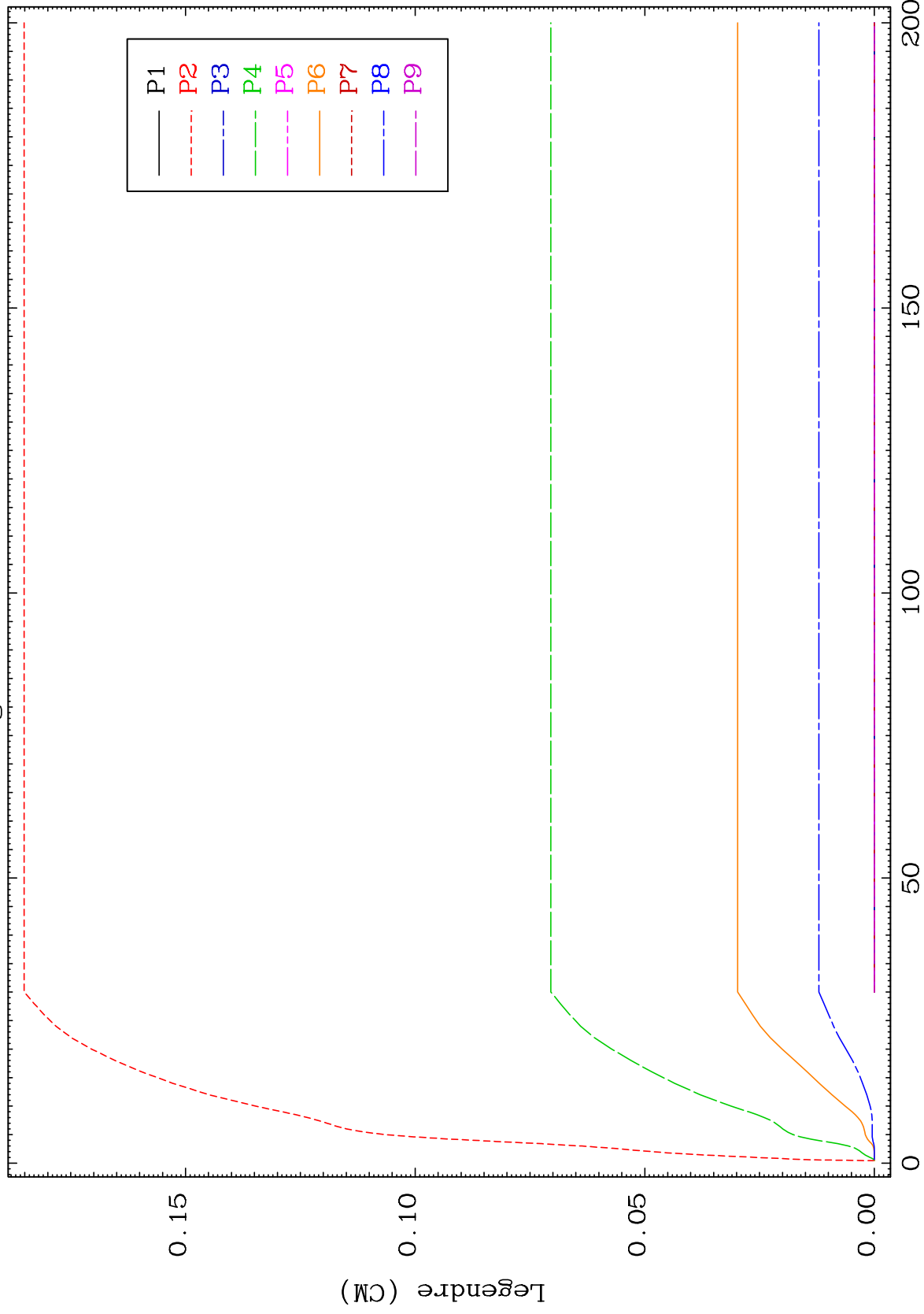
Incident Energy (MeV)

53-I -122

MAT 5310

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

53-I -122



91

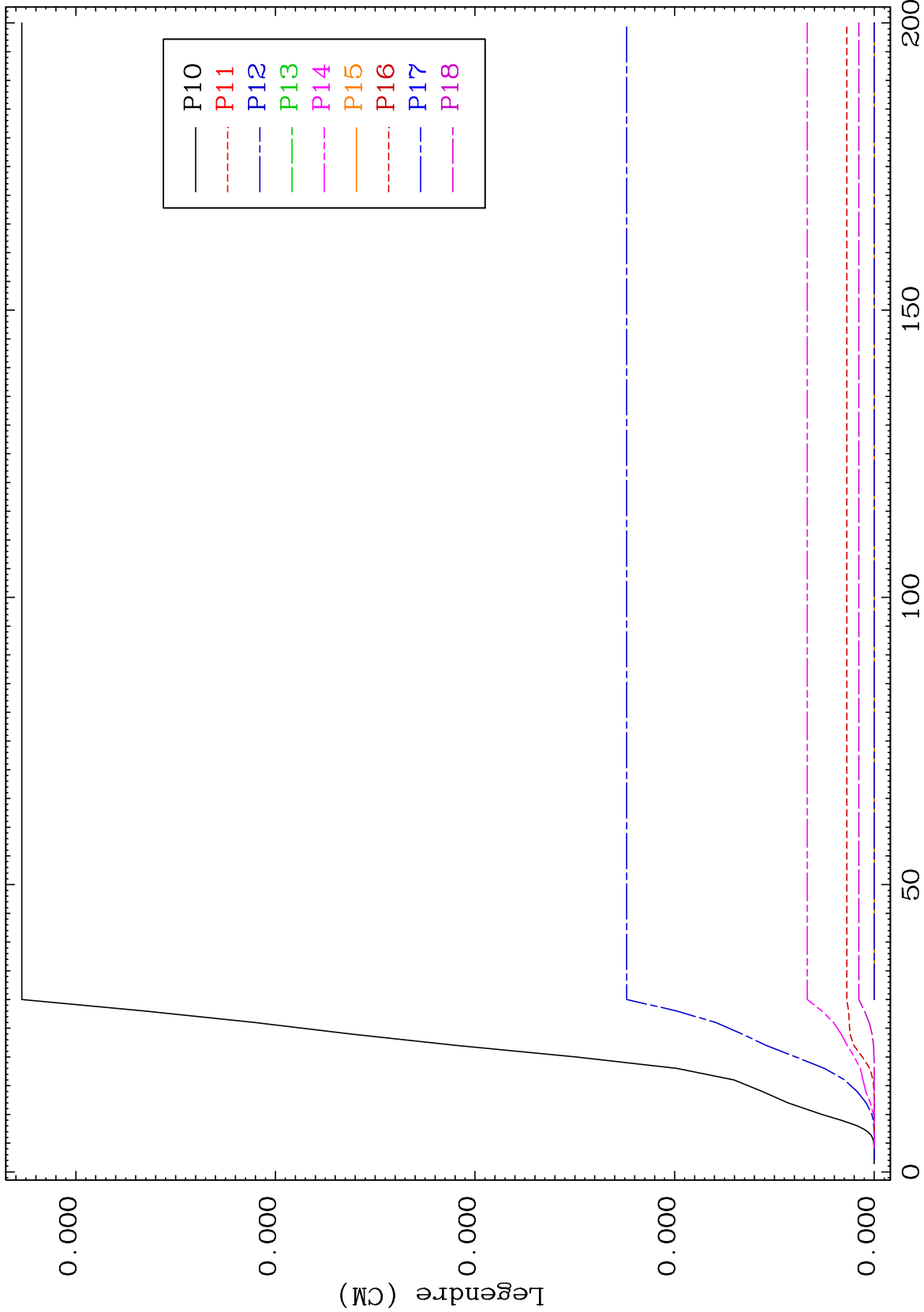
Incident Energy (MeV)

53-I -122

MAT 5310

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

53-I -122



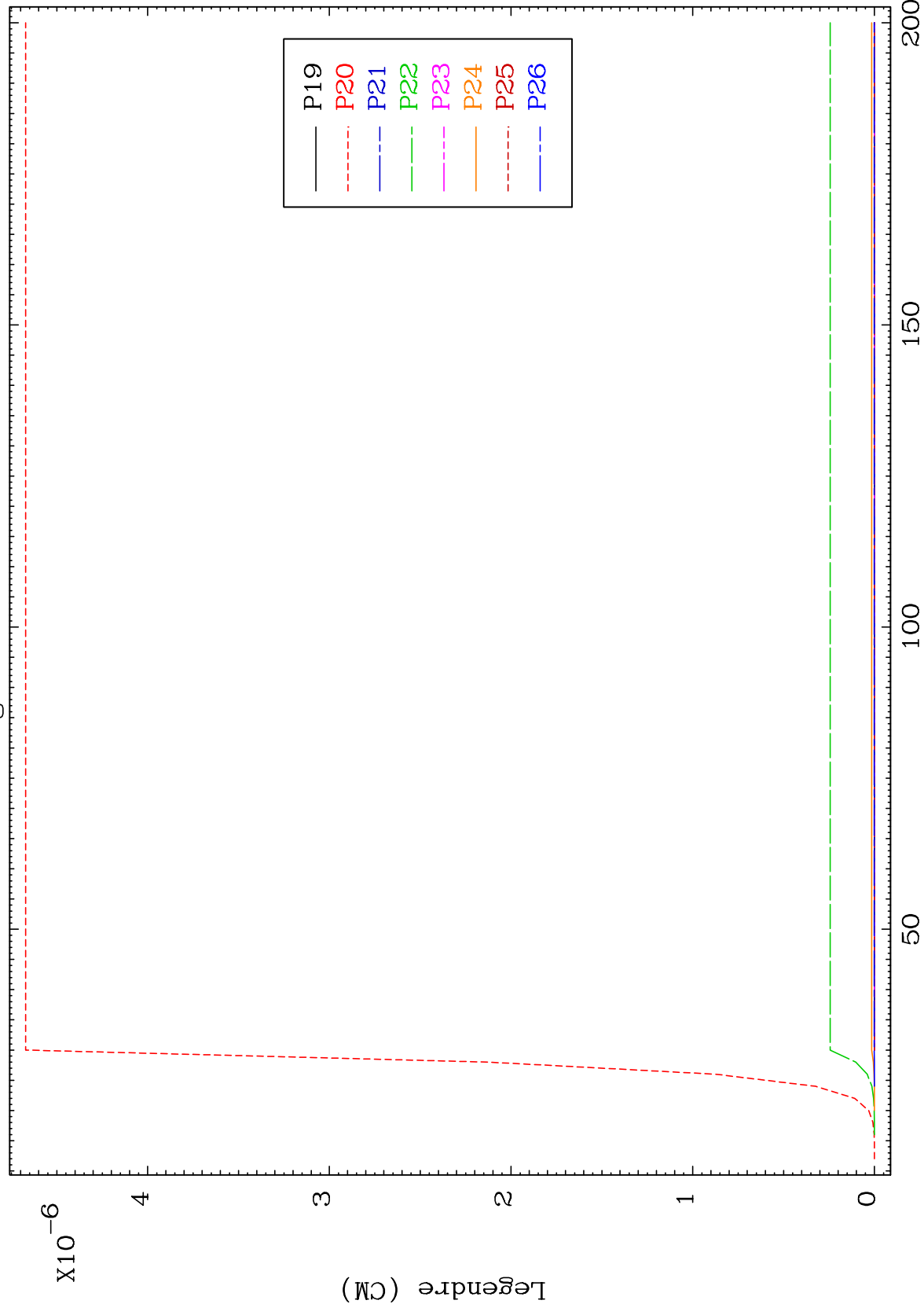
92

53-I -122

MAT 5310

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

53-I -122



93

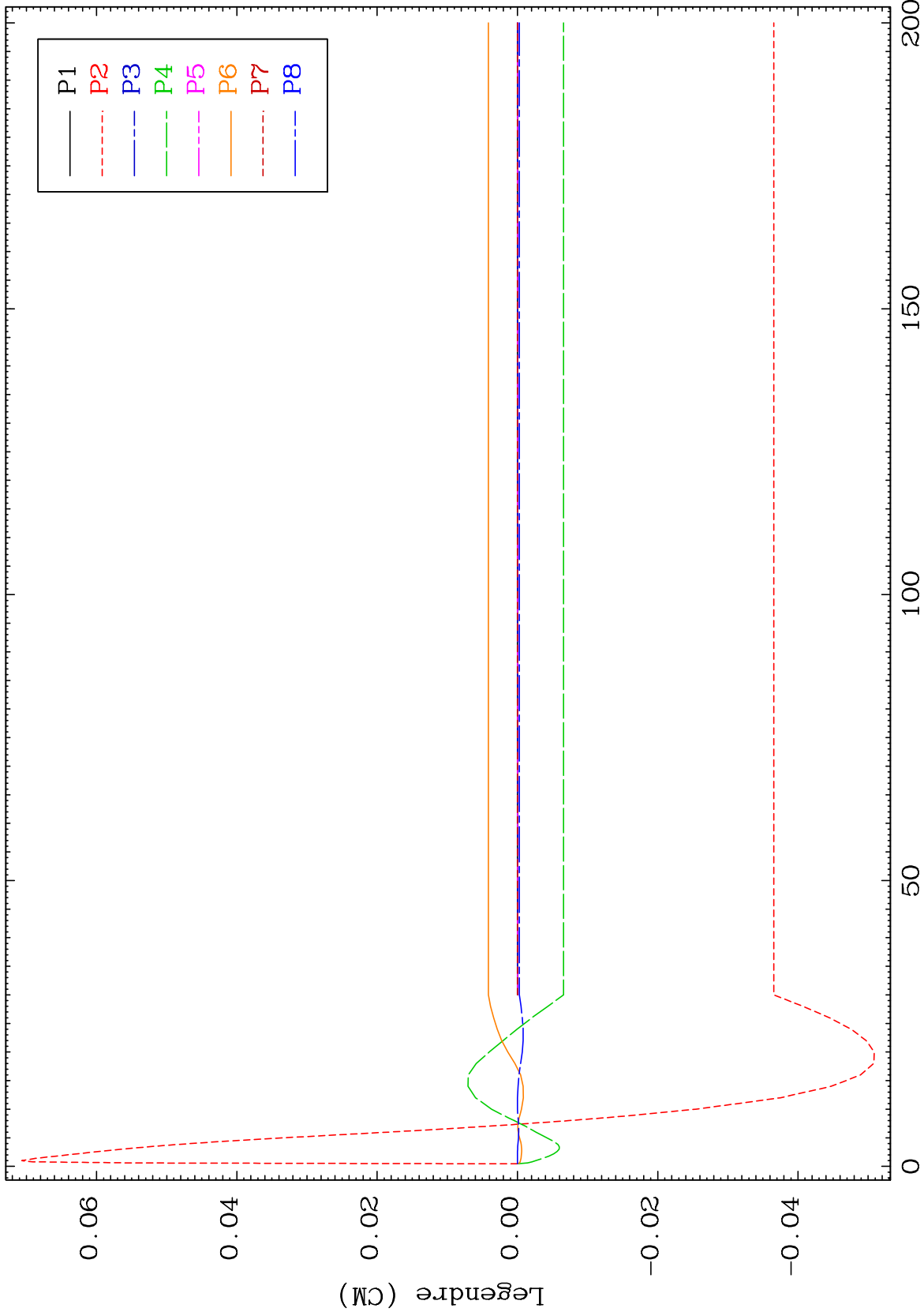
Incident Energy (MeV)

53-I -122

MAT 5310

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

53-I -122



94

Incident Energy (MeV)

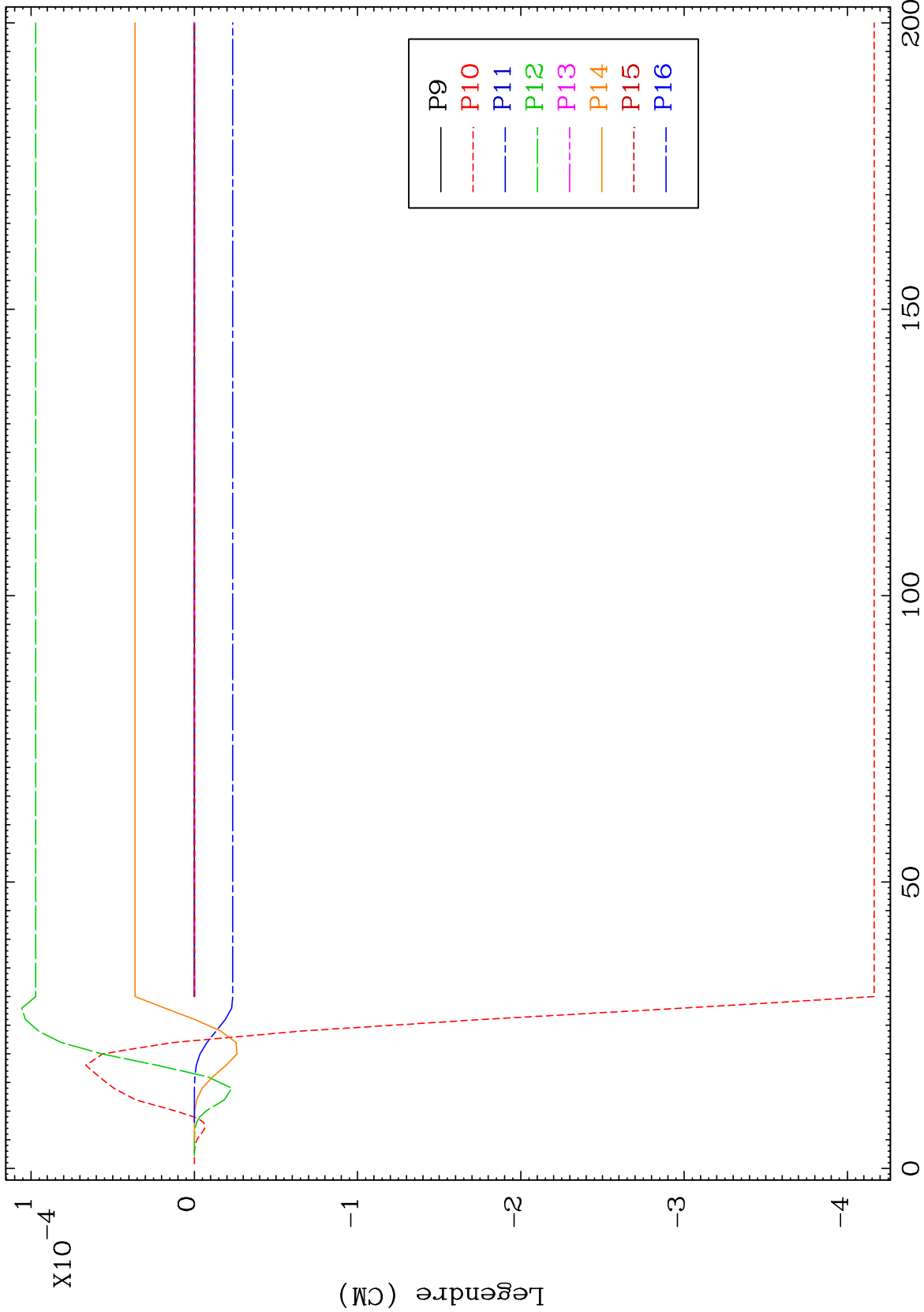
53-I -122

MAT 5310

MT= 72 (n,n') Level

53-I -122

Legendre Coefficients

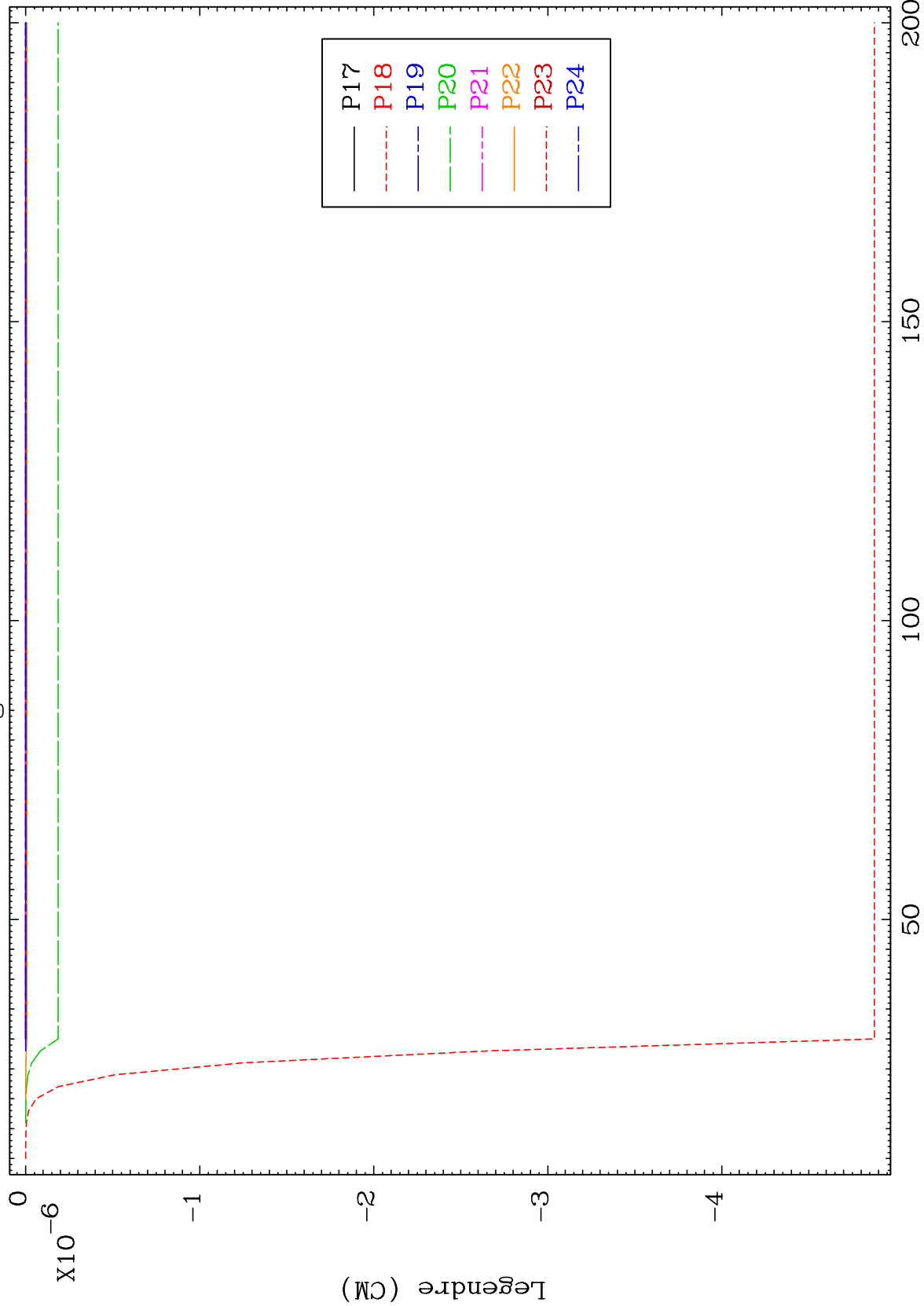


95

Incident Energy (MeV)

53-I -122

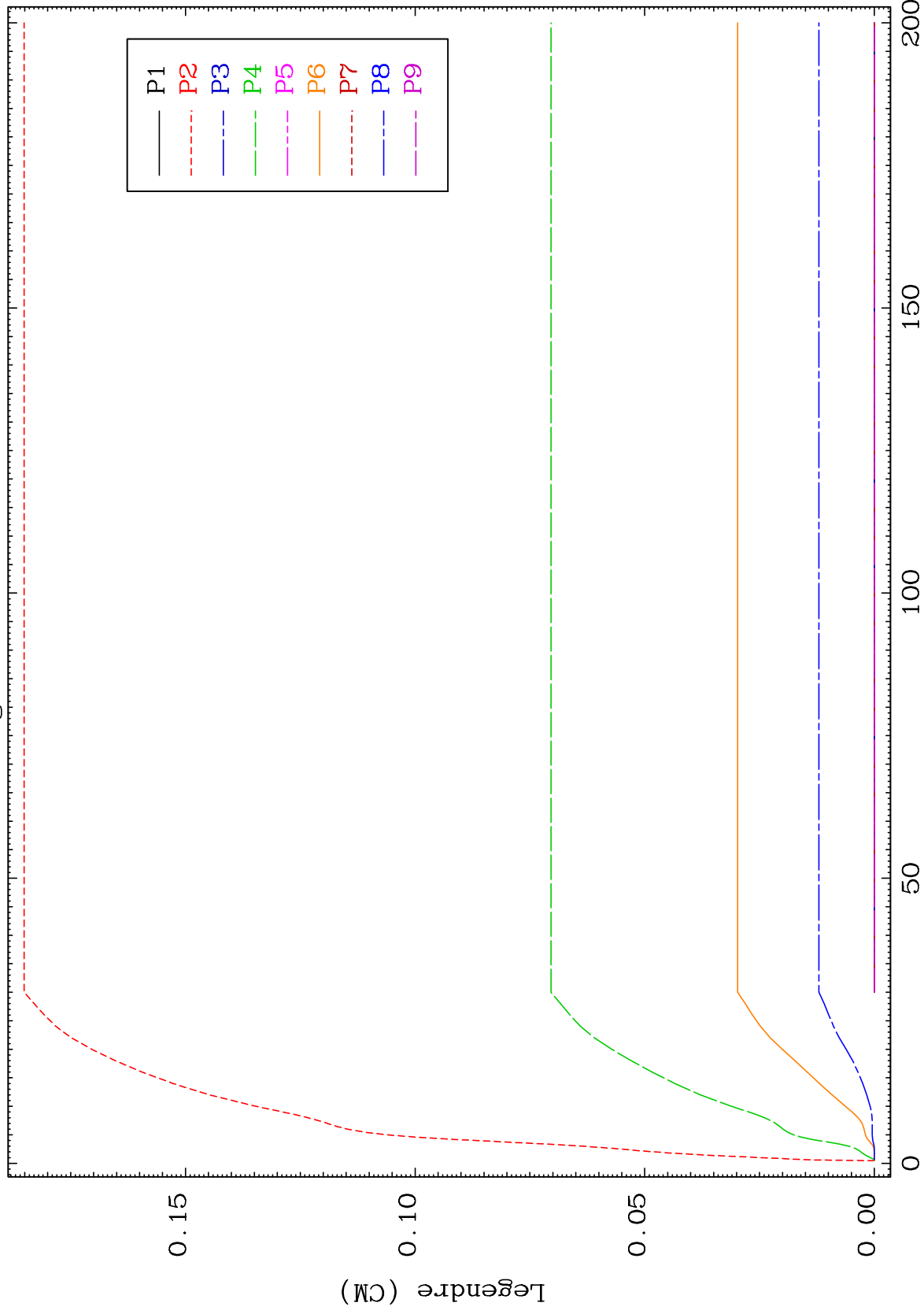
Legendre Coefficients



MAT 5310

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

53-I -122



97

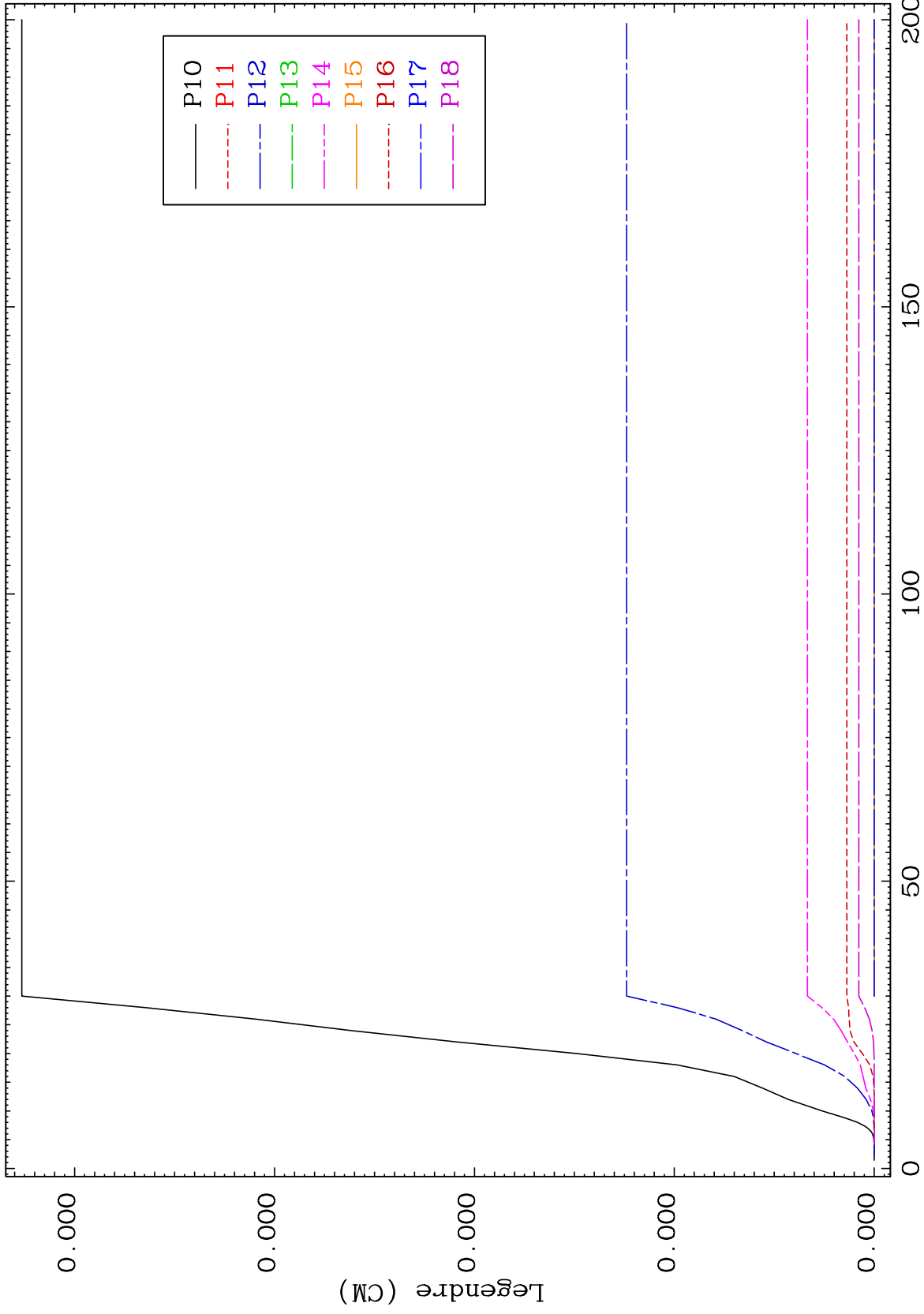
Incident Energy (MeV)

53-I -122

MAT 5310

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

53-I -122



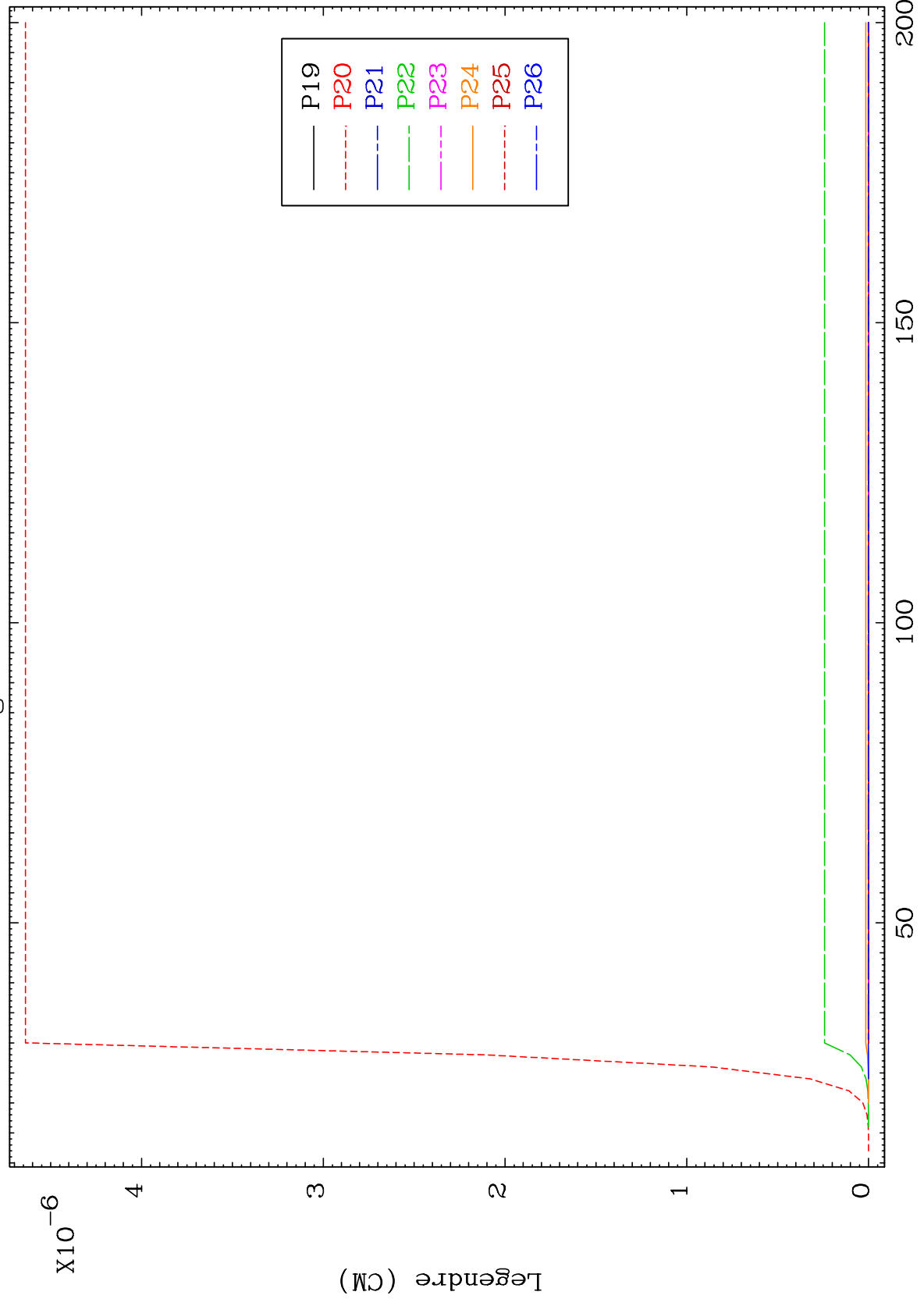
98

53-I -122

MAT 5310

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

53-I -122



99

Incident Energy (MeV)

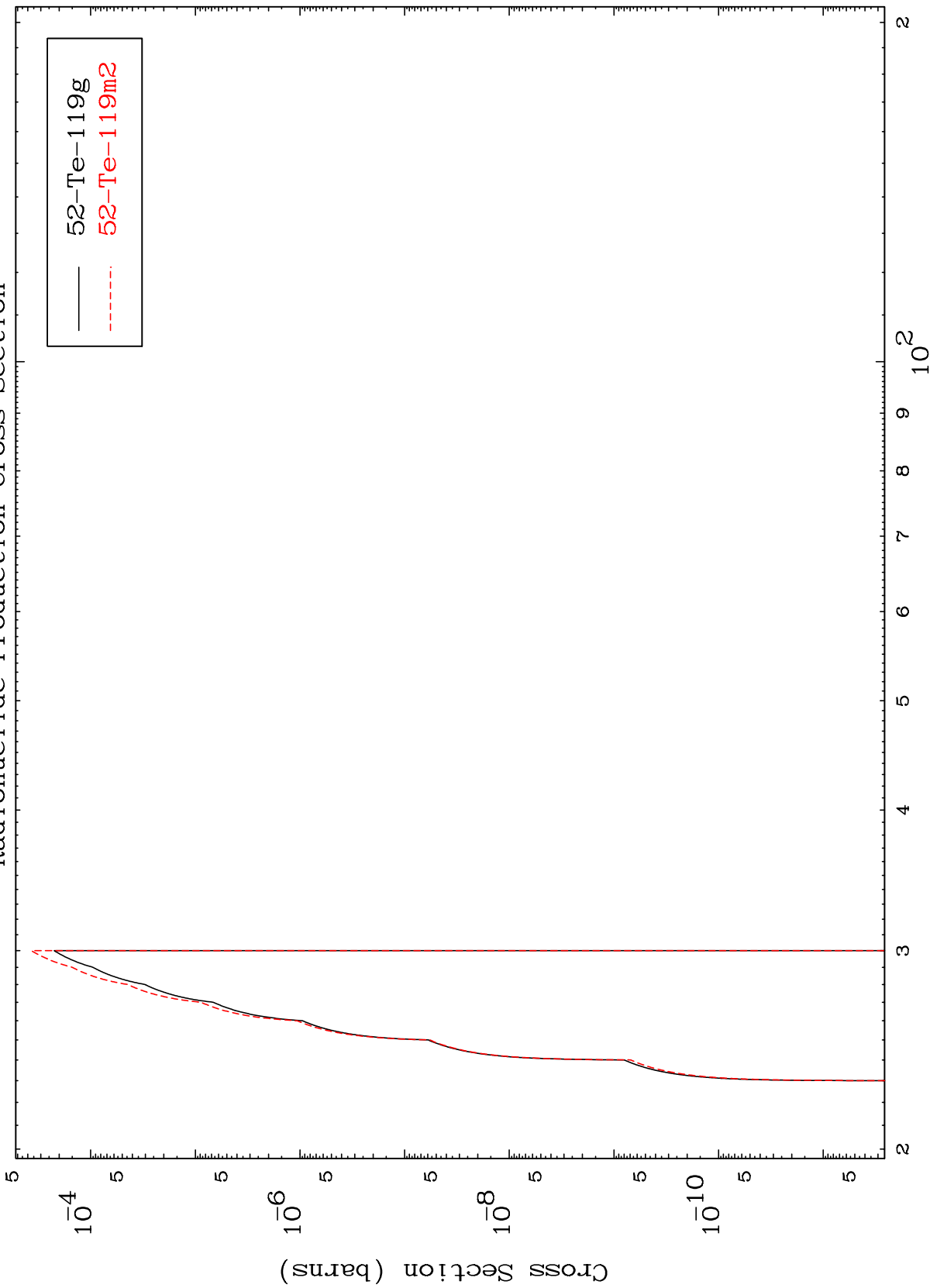
53-I -122

MAT 5310

(n,2n) d

53-I -122

Radionuclide Production Cross Section



100

Incident Energy (MeV)

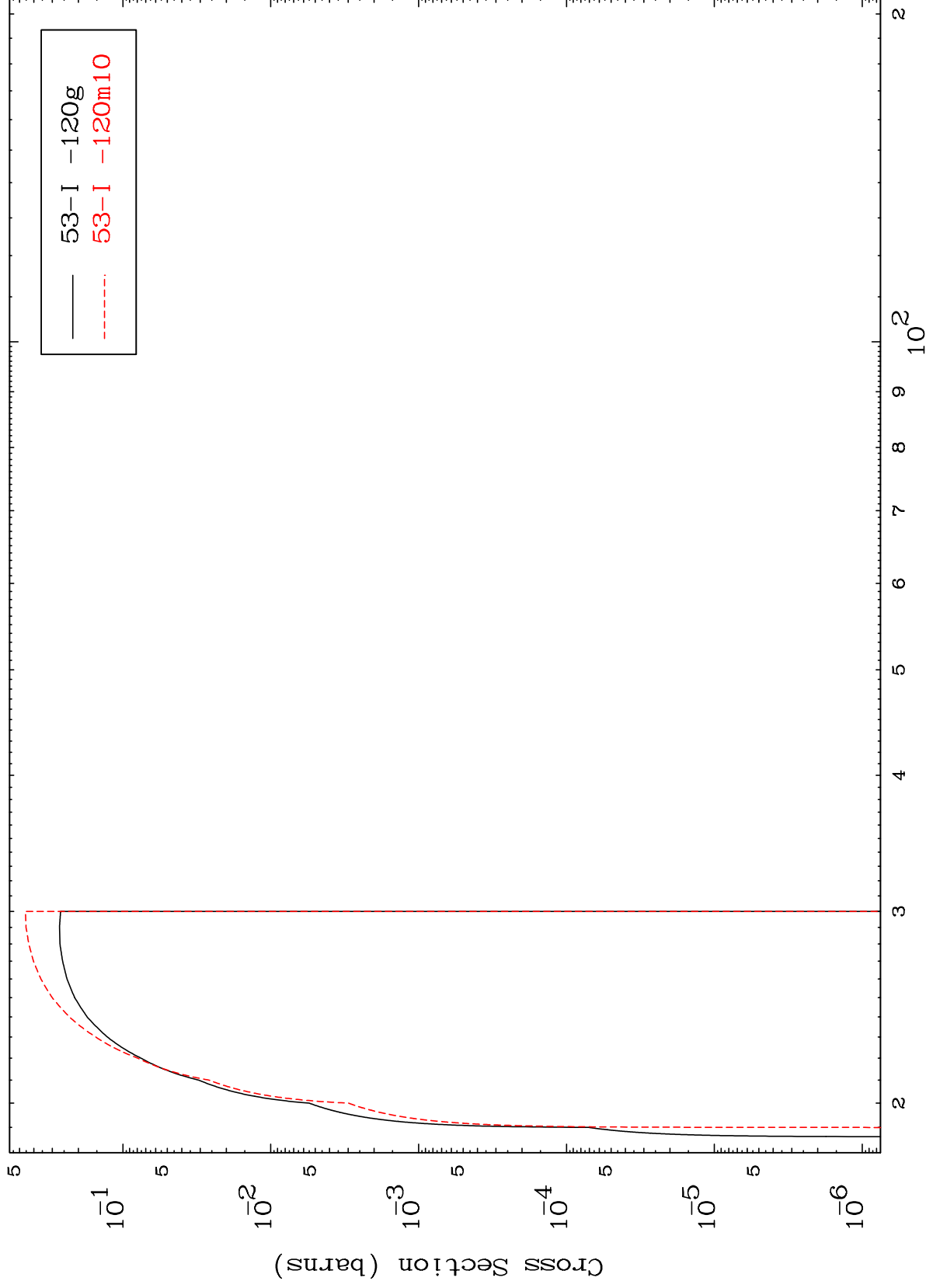
53-I -122

MAT 5310

(n,3n)

53-I -122

Radionuclide Production Cross Section



101

Incident Energy (MeV)

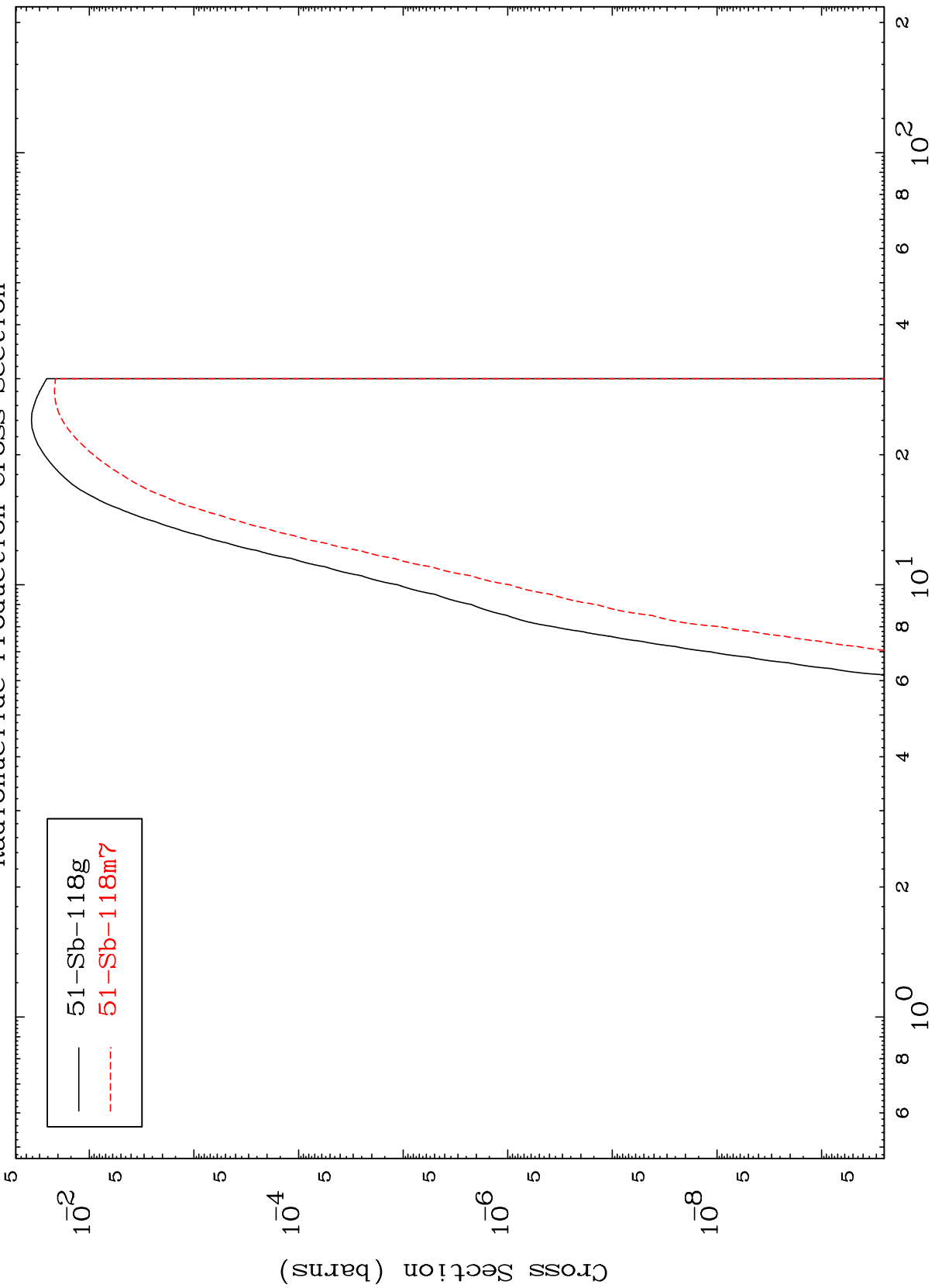
53-I -122

MAT 5310

(n,n') α

53-I -122

Radionuclide Production Cross Section



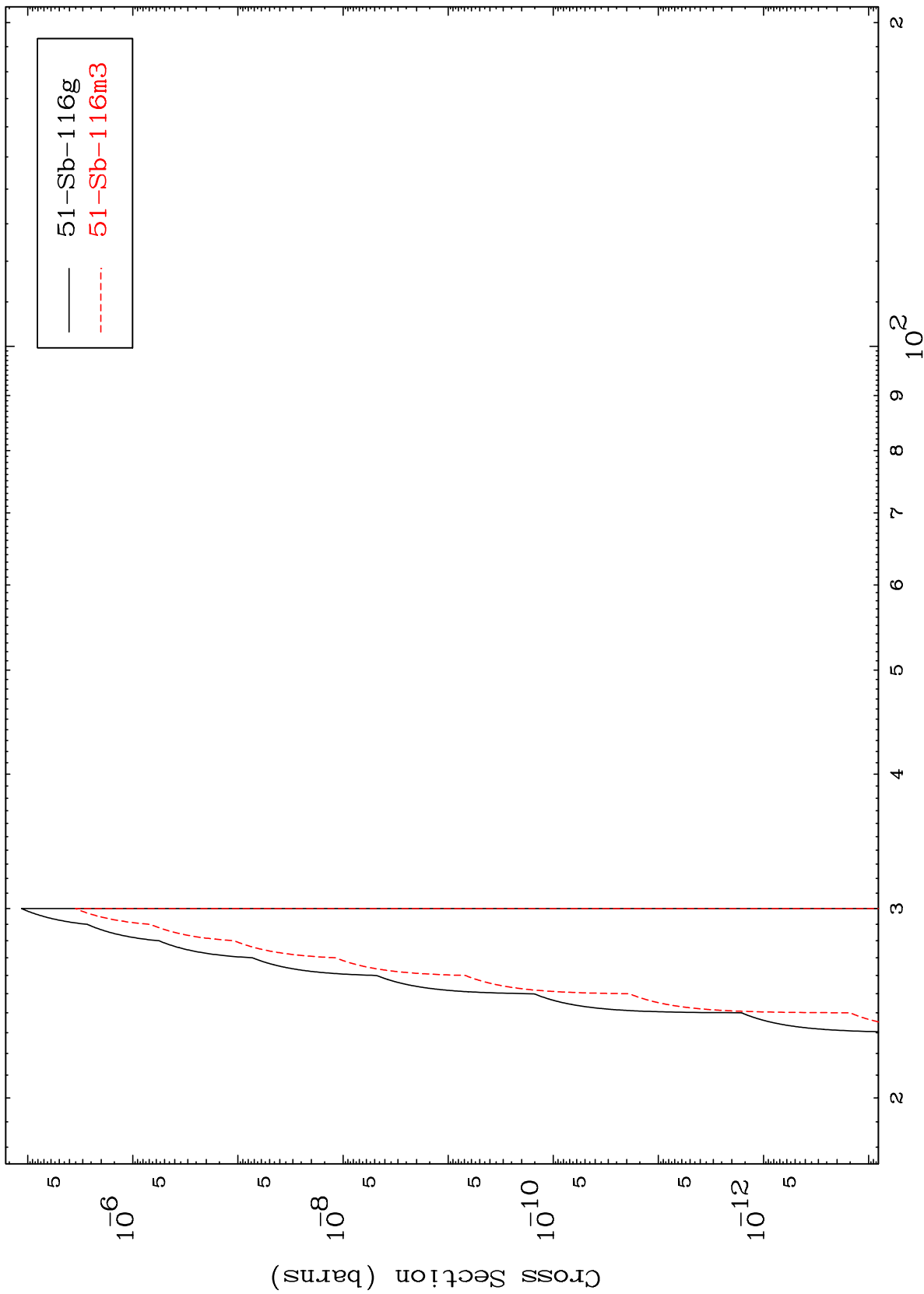
51-Sb-118g
51-Sb-118m7

102

Incident Energy (MeV)

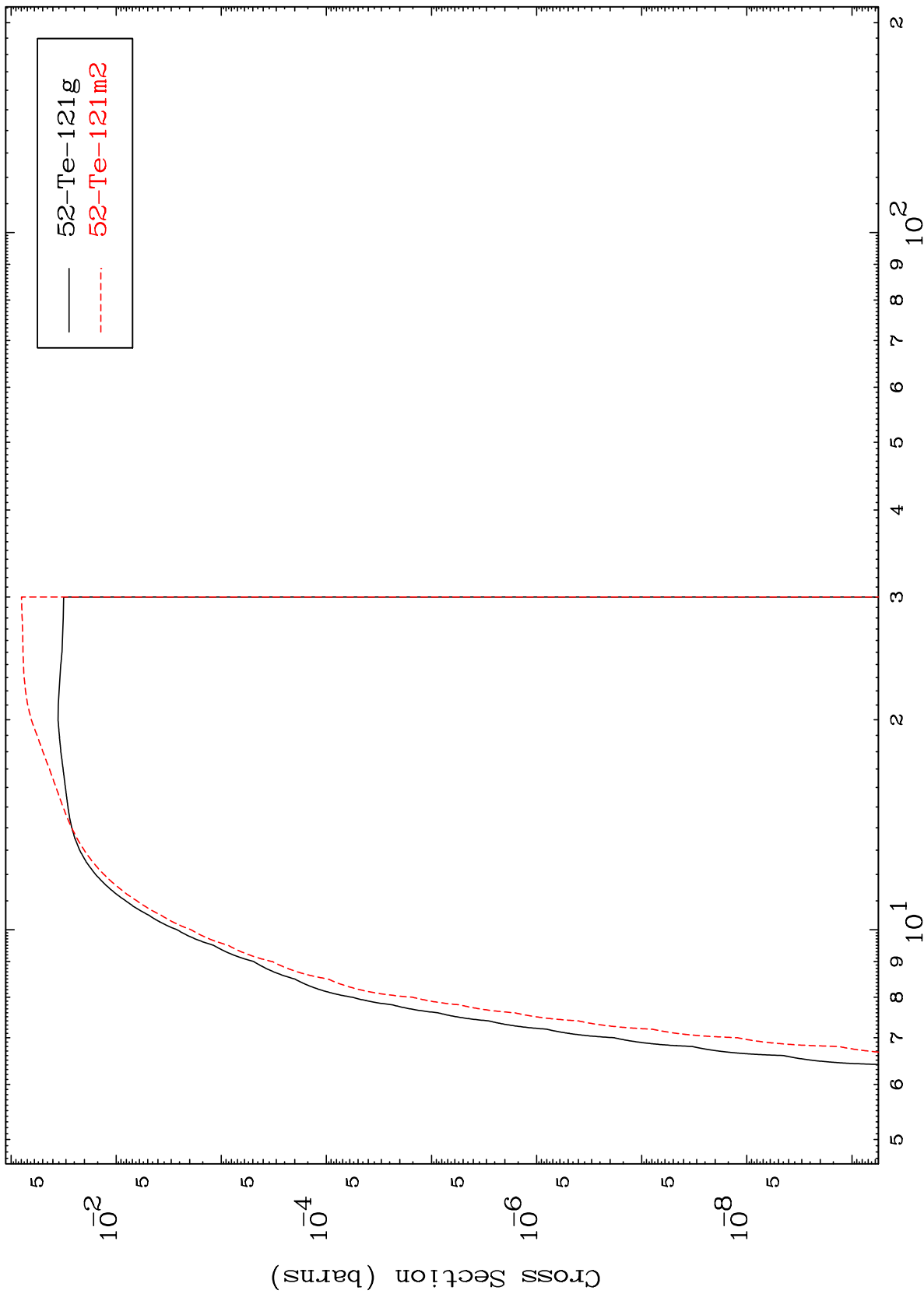
53-I -122

Radionuclide Production Cross Section

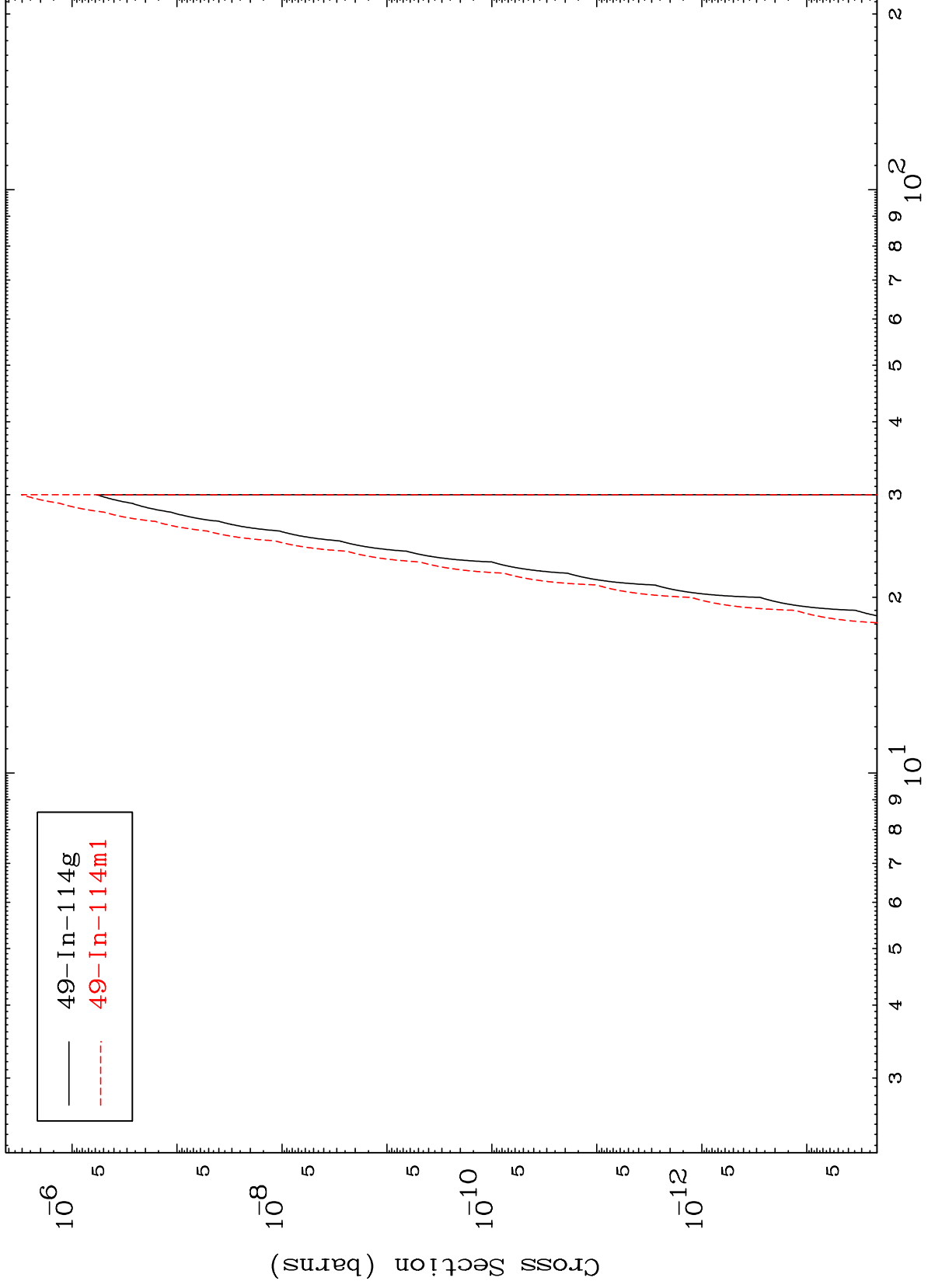


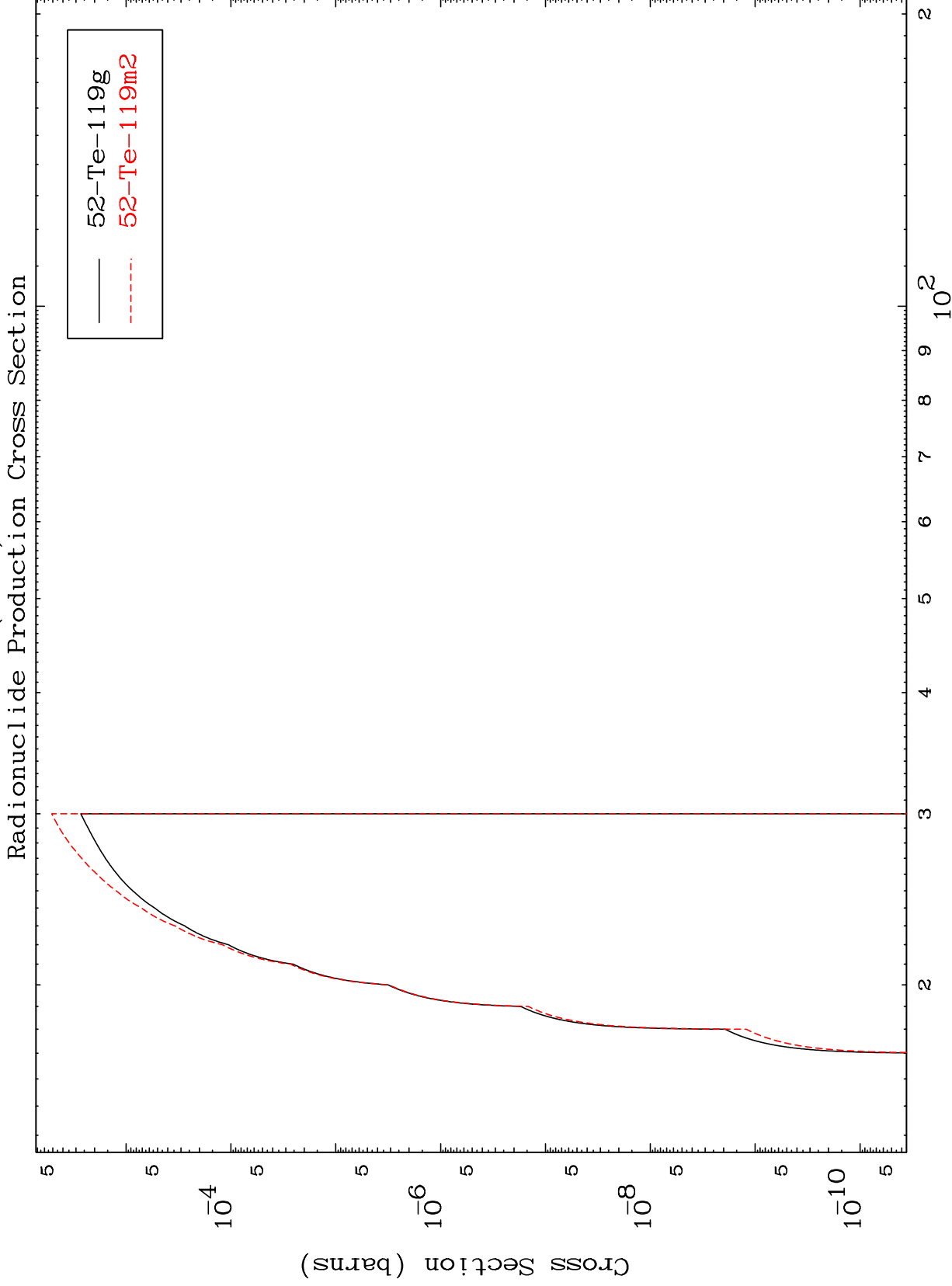
51-Sb-116g
51-Sb-116m3

Radionuclide Production Cross Section

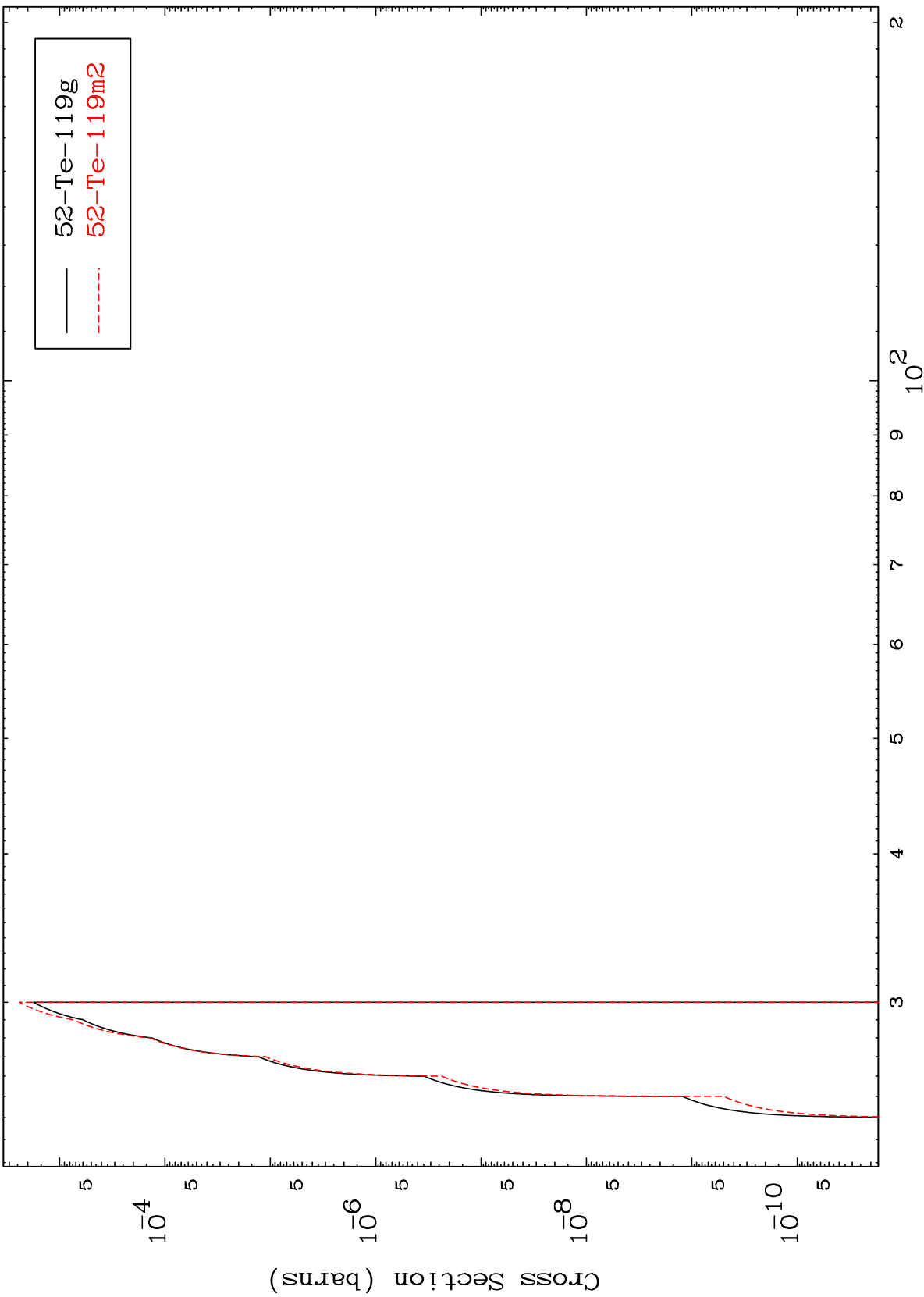


Radionuclide Production Cross Section

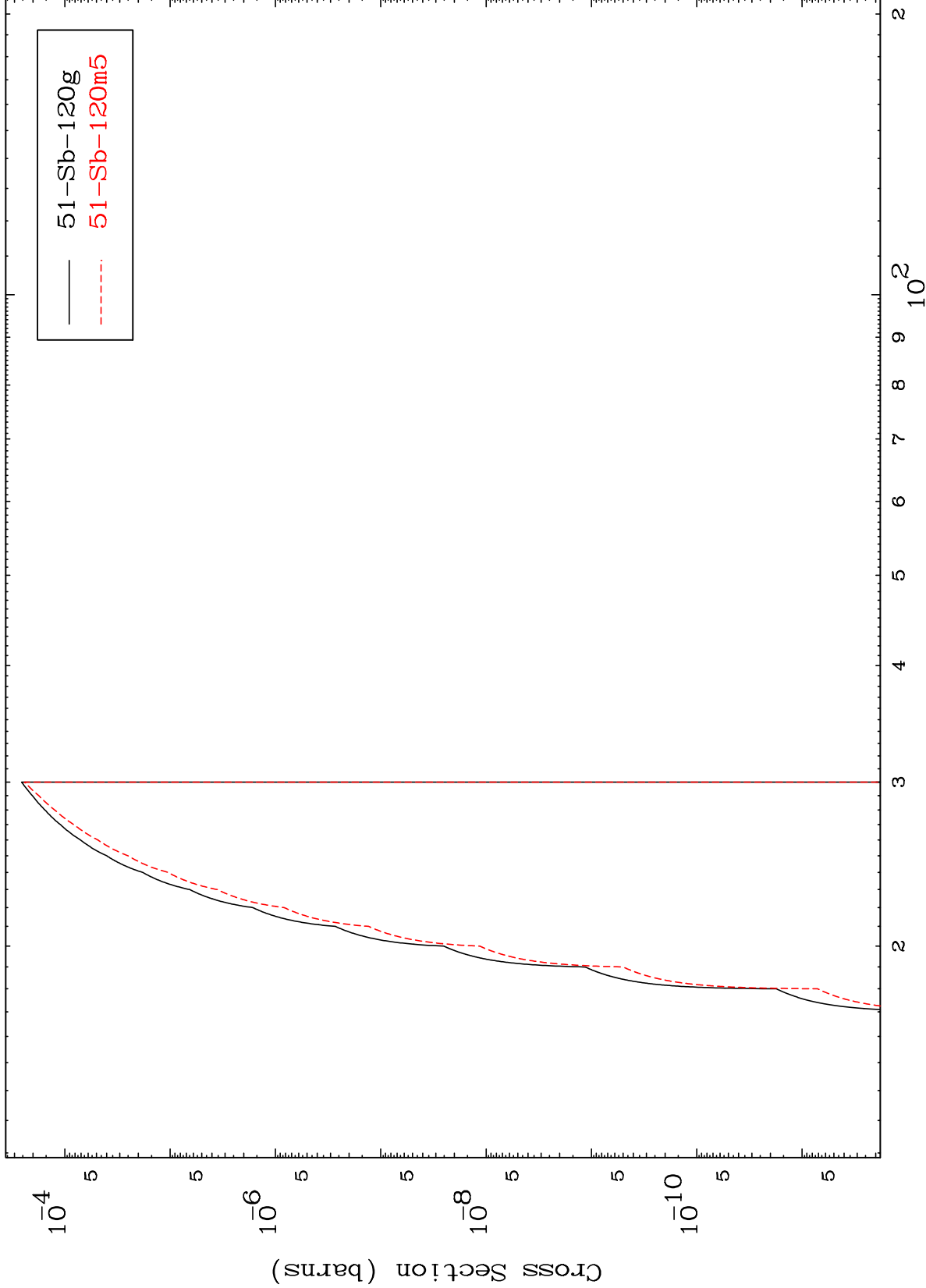




Radionuclide Production Cross Section



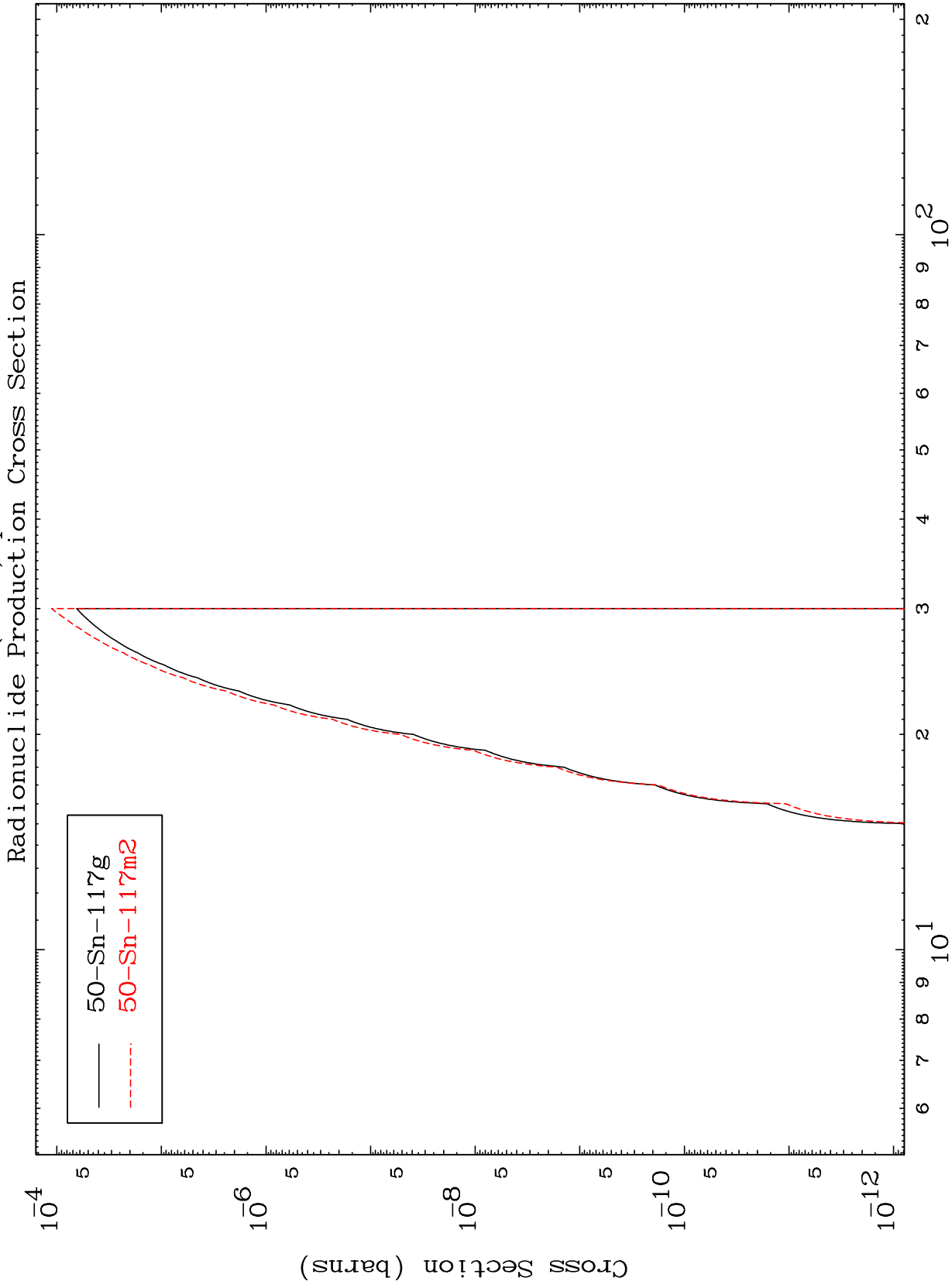
Radionuclide Production Cross Section



MAT 5310

(n,n') p α

53-I -122



109

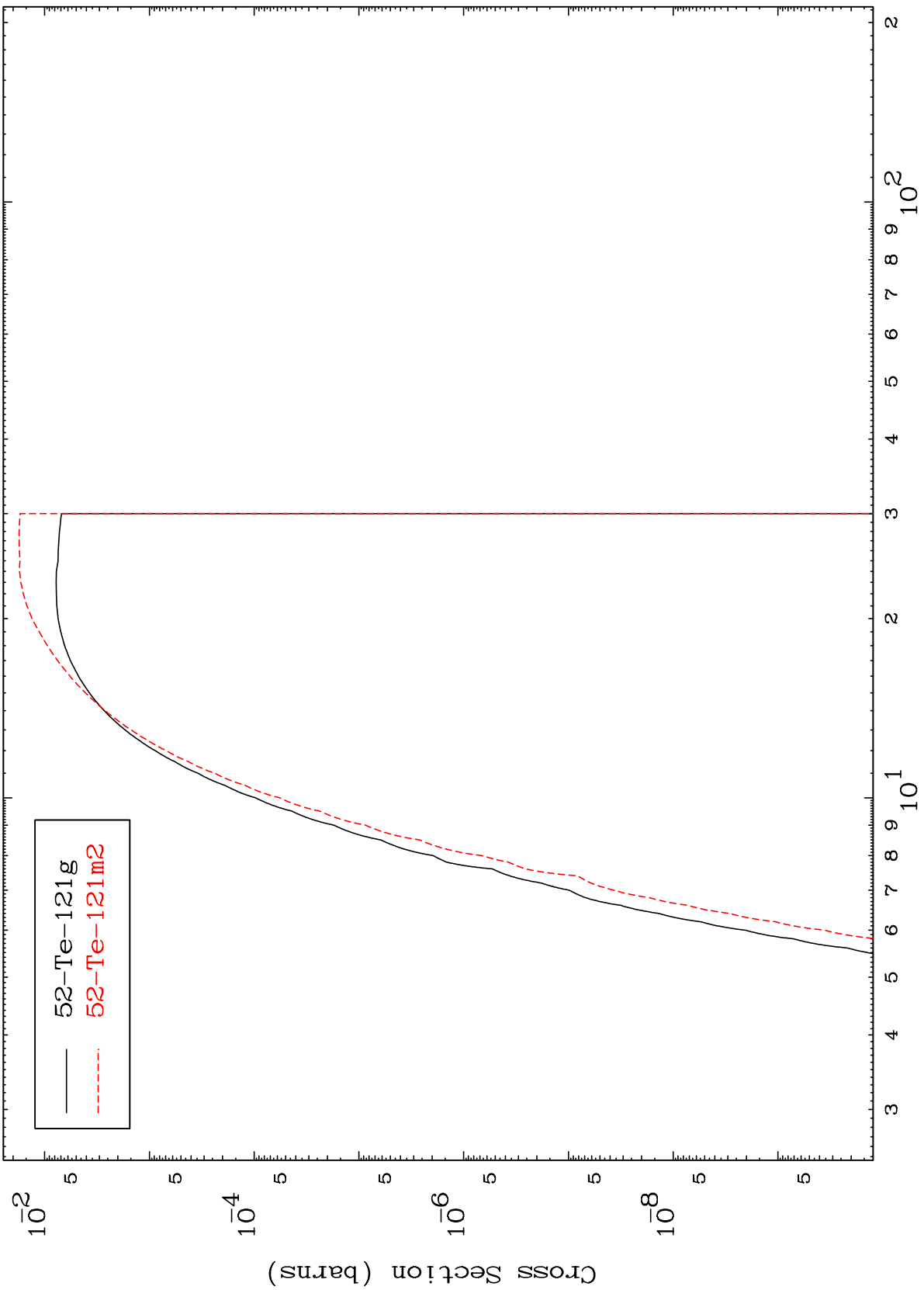
Incident Energy (MeV)

53-I -122

MAT 5310

53-I -122

(n,d)
Radionuclide Production Cross Section

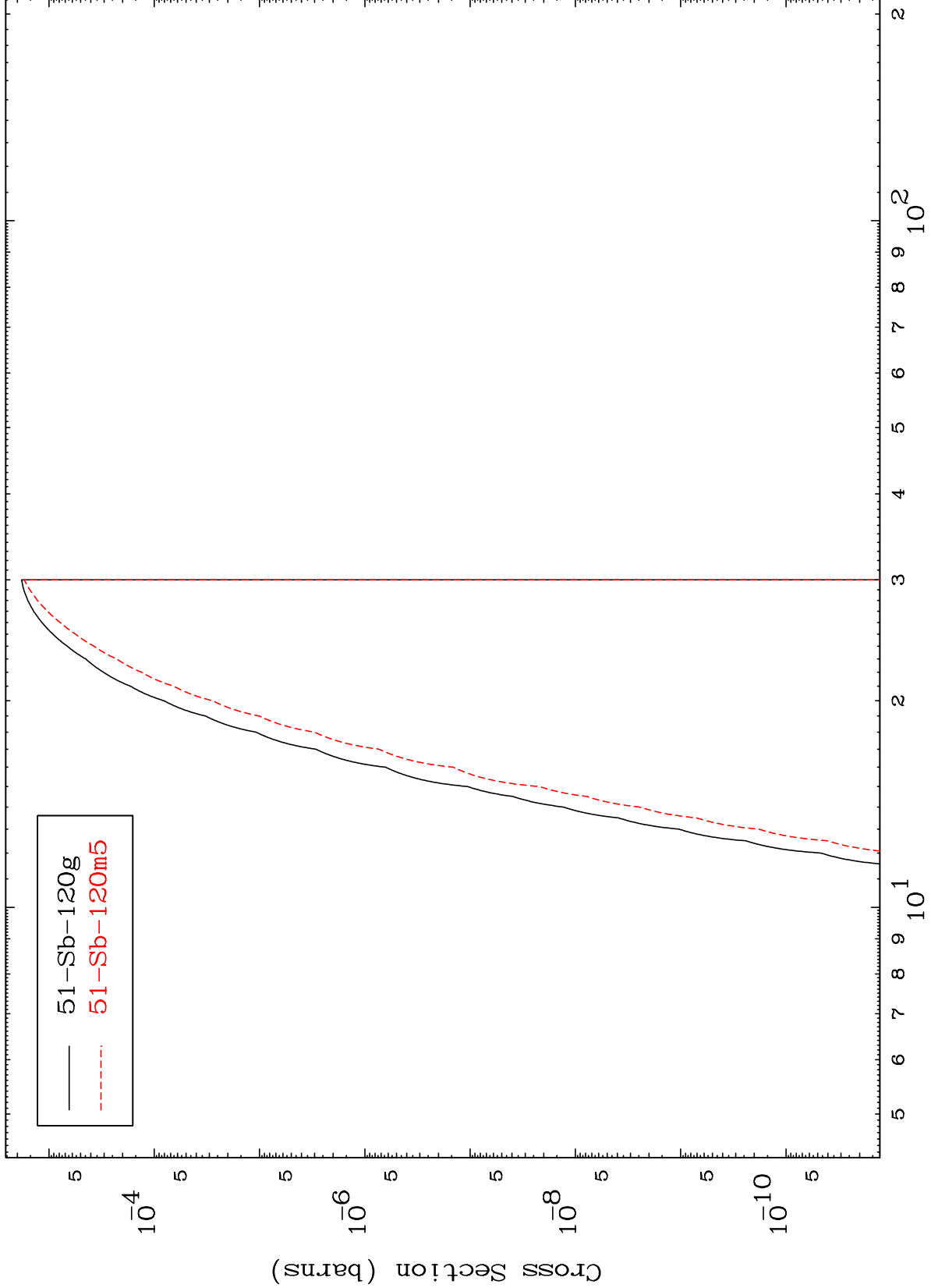


110

Incident Energy (MeV)

53-I -122

Radionuclide Production Cross Section



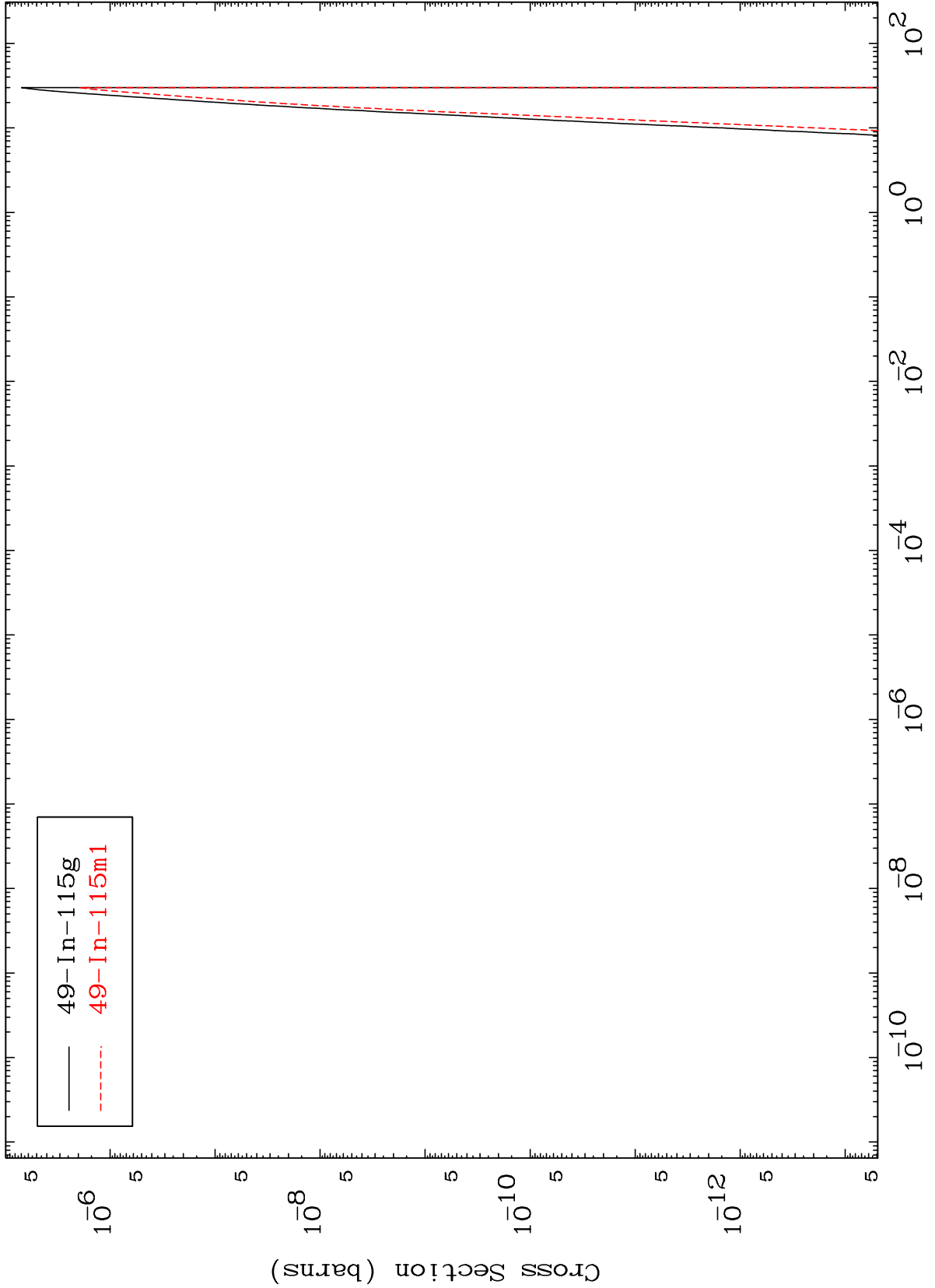
51-Sb-120g
51-Sb-120m5

MAT 5310

(n,2α)

53-I -122

Radionuclide Production Cross Section



112

Incident Energy (MeV)

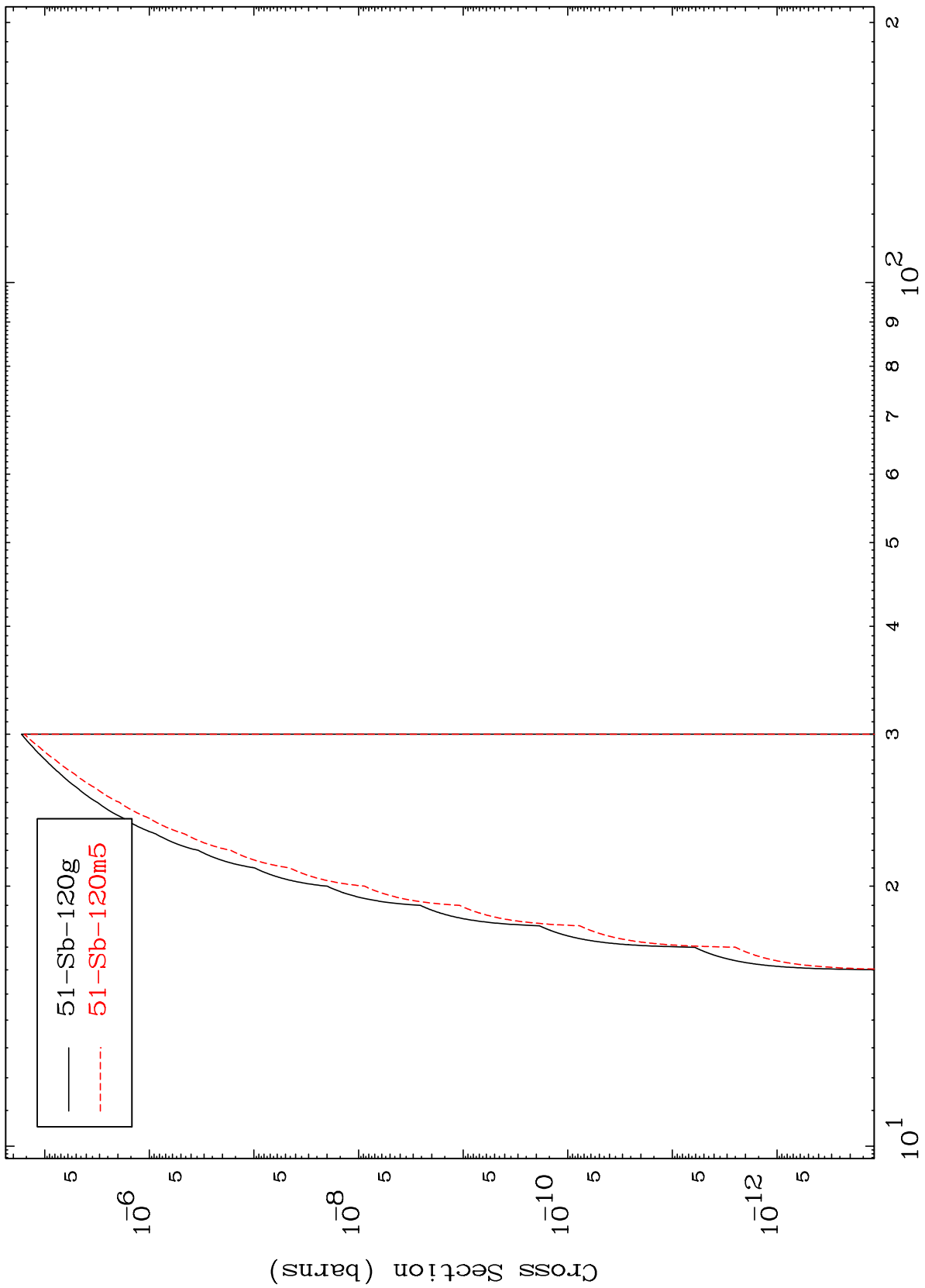
53-I -122

MAT 5310

(n,p) d

53-I -122

Radionuclide Production Cross Section



113

Incident Energy (MeV)

53-I -122

Radionuclide Production Cross Section

