

Program EVALPLOT
(Version 2018-1)

by

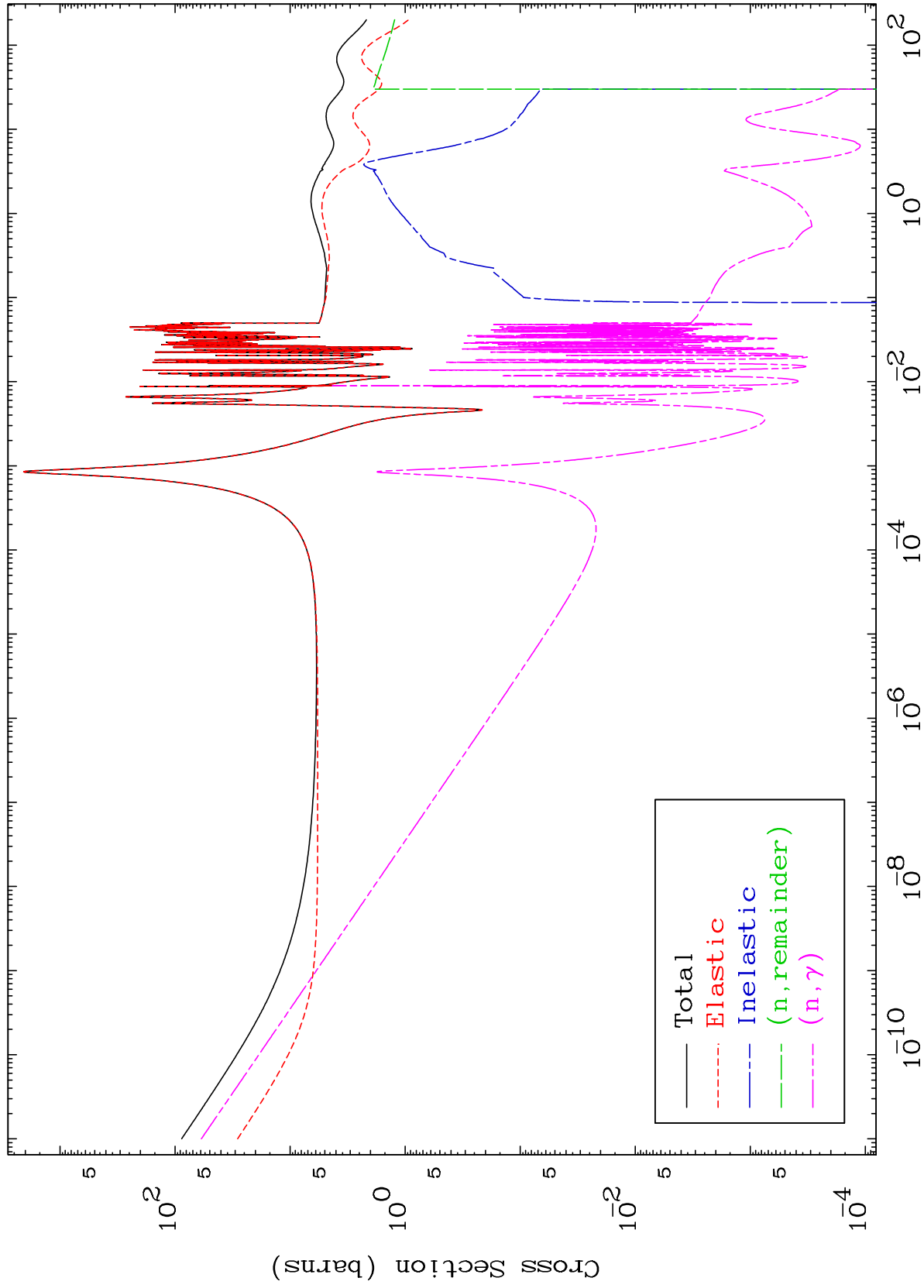
Dermott E. Cullen
(Present Contact Information)

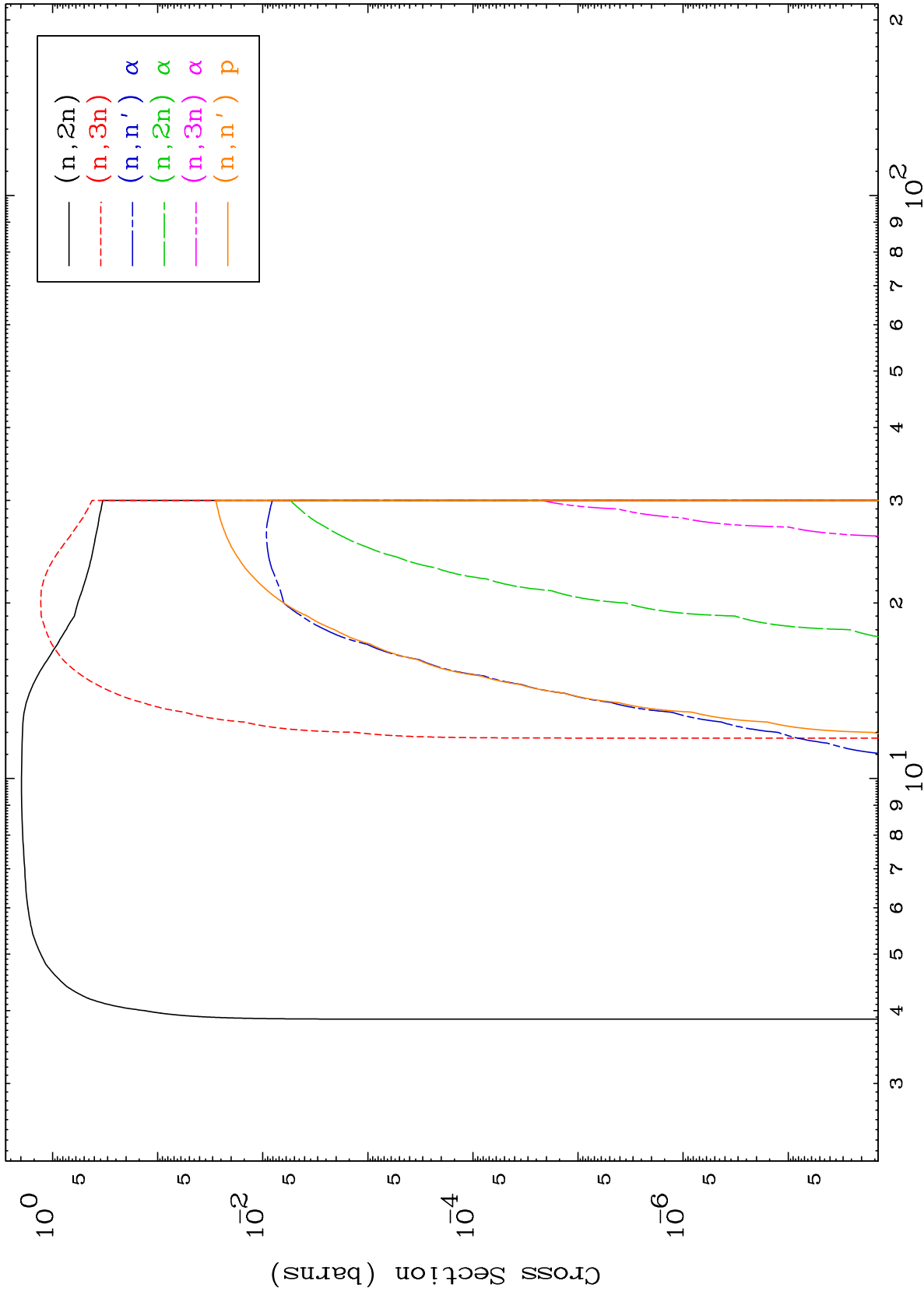
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

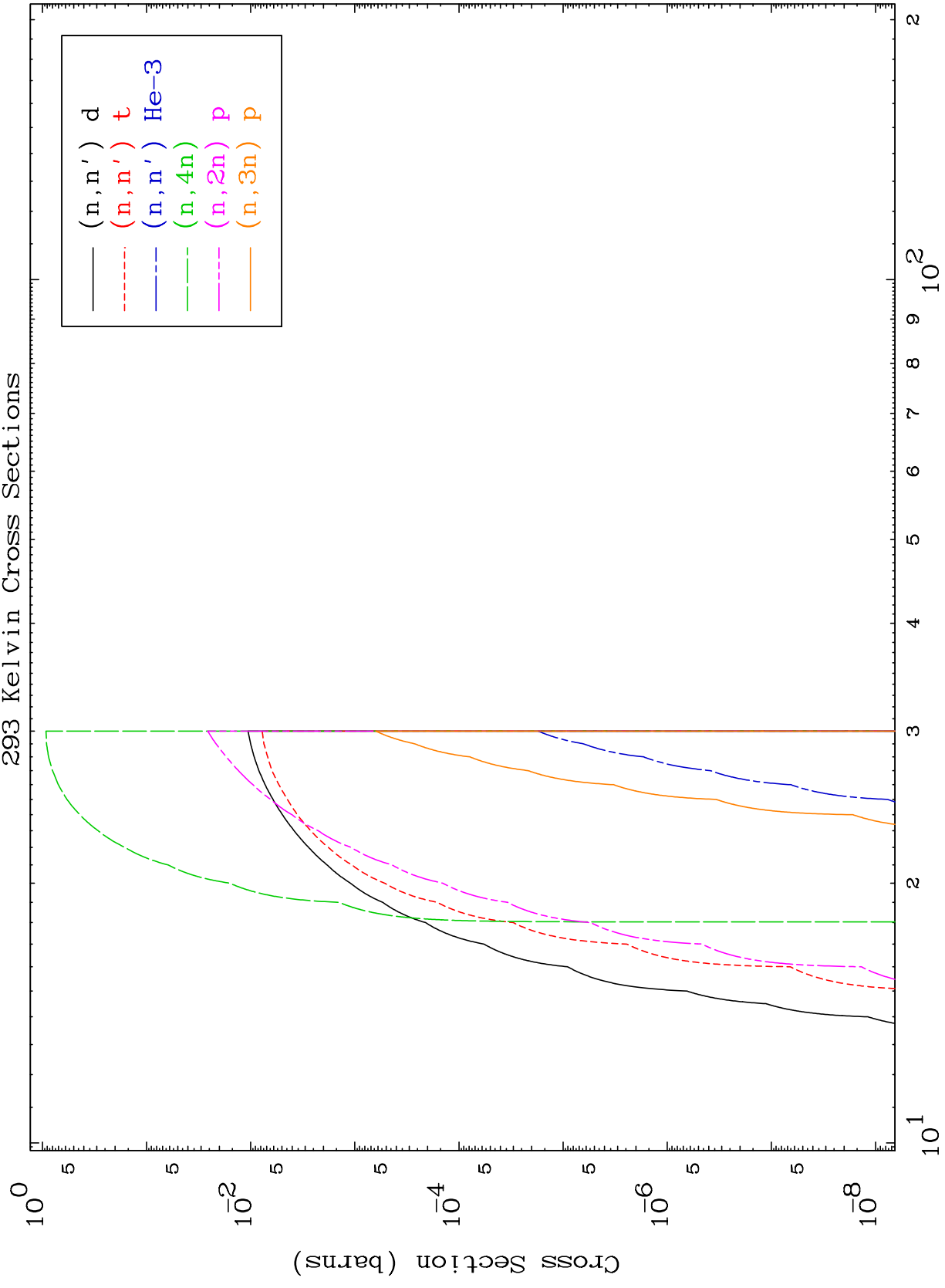
Tele: 925-443-1911

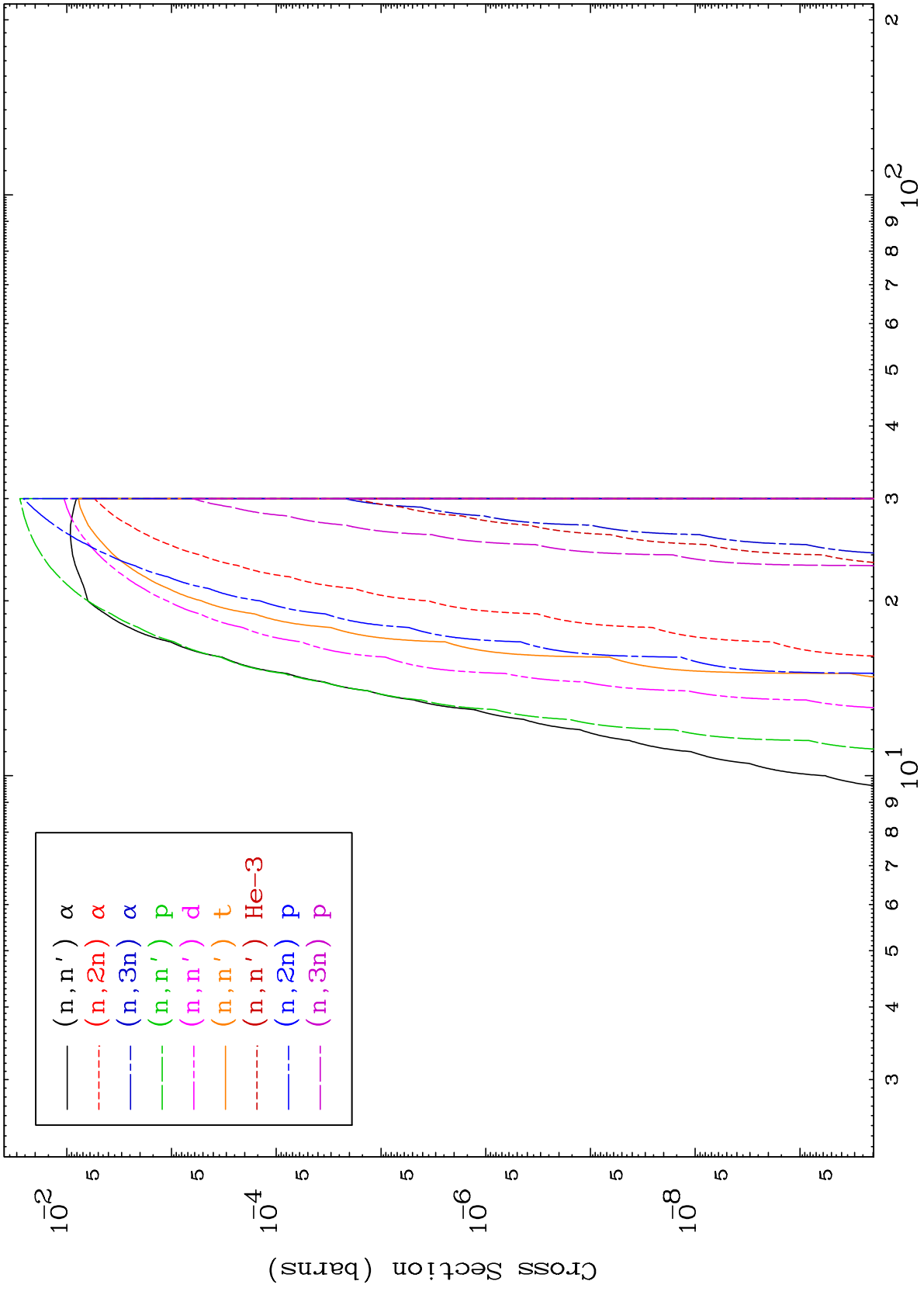
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

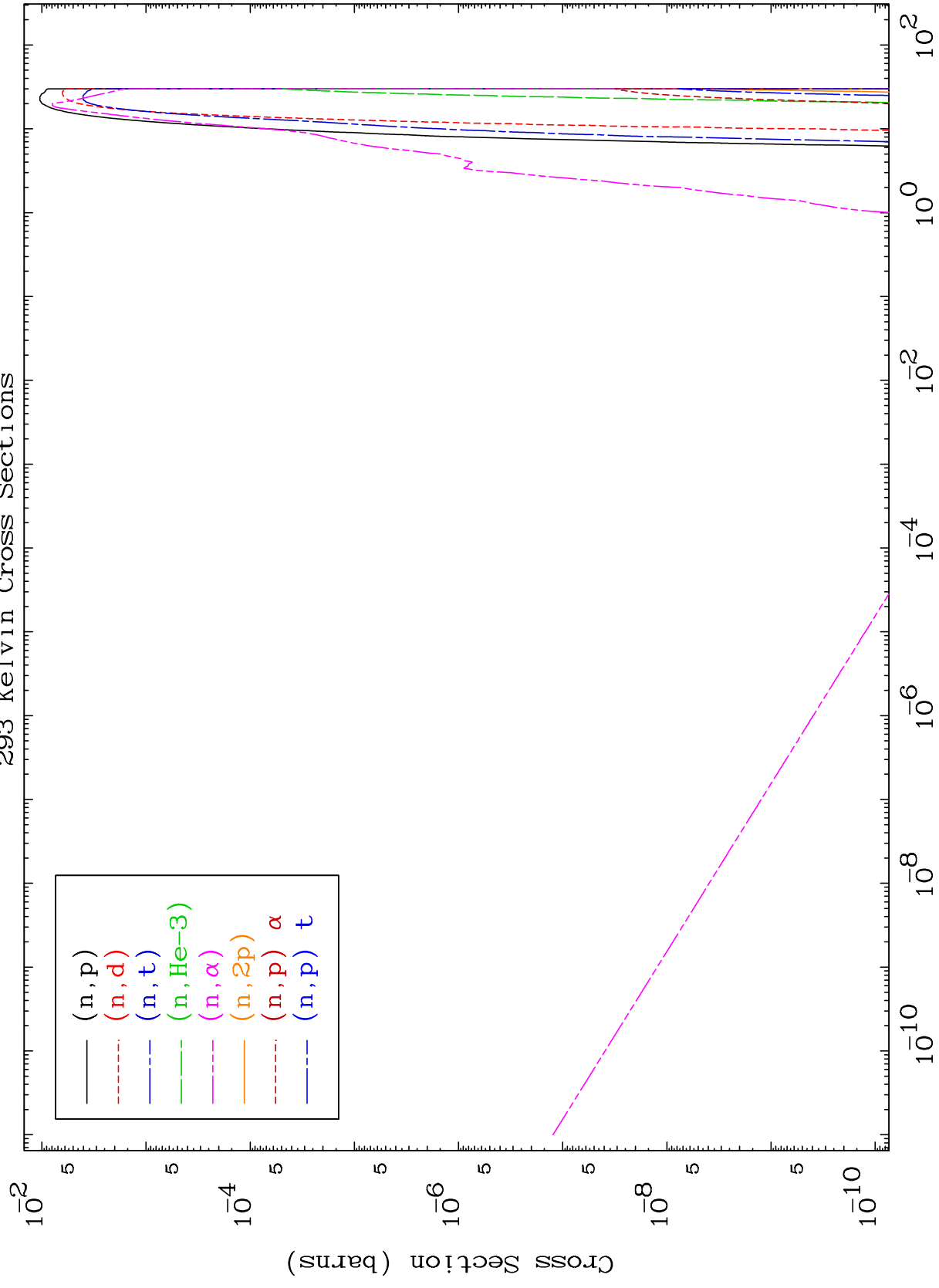
Press Mouse Button to Start

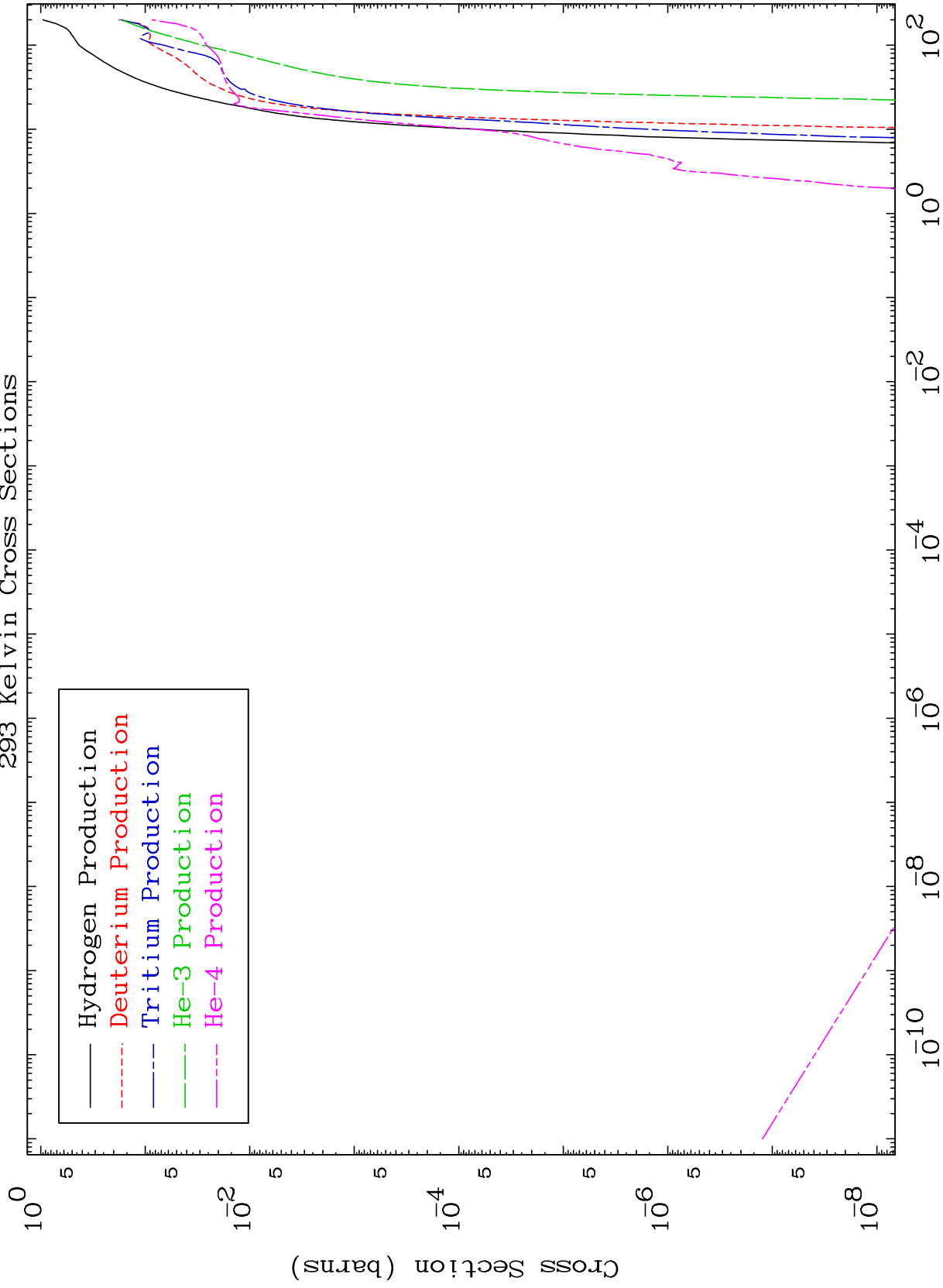


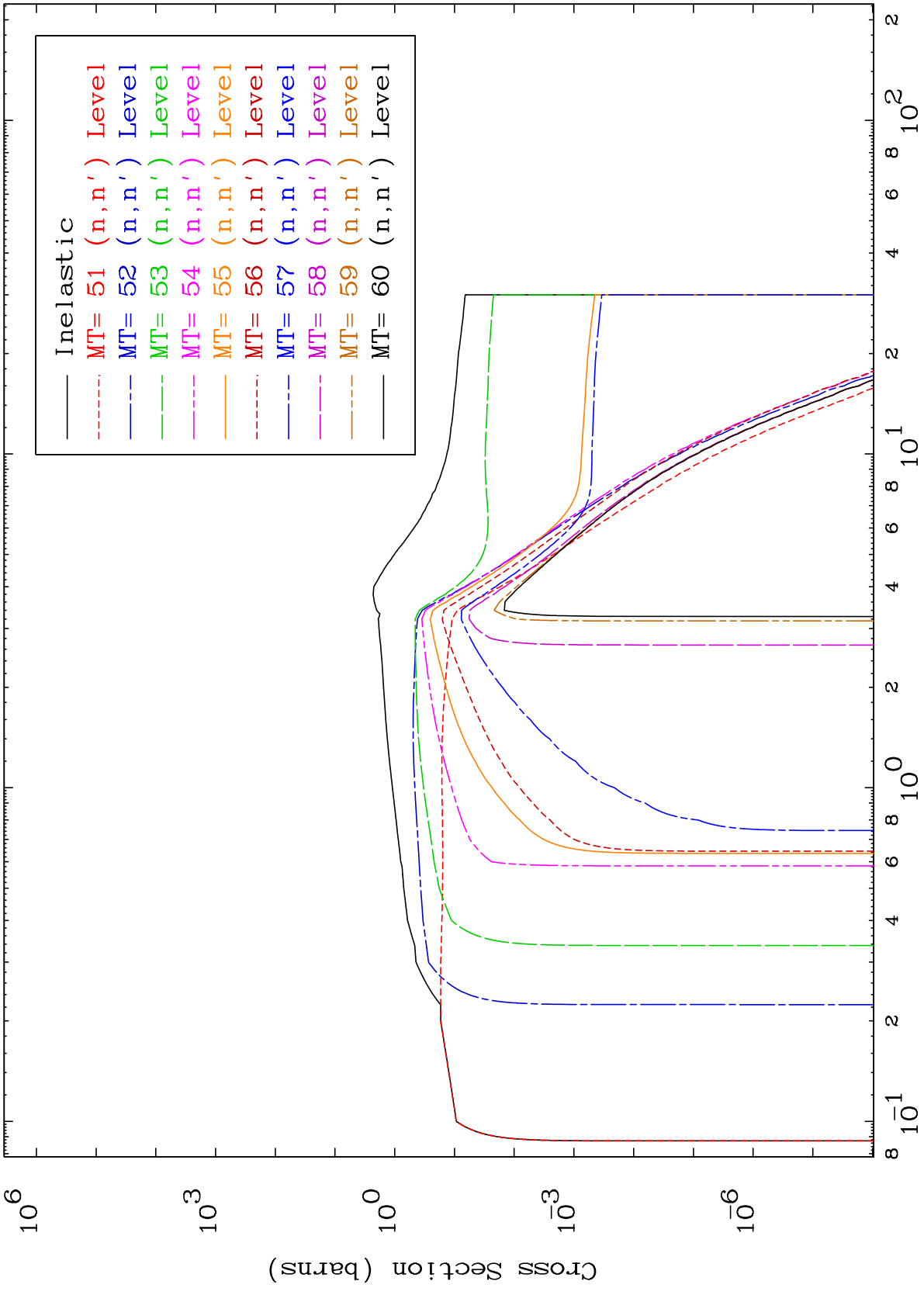


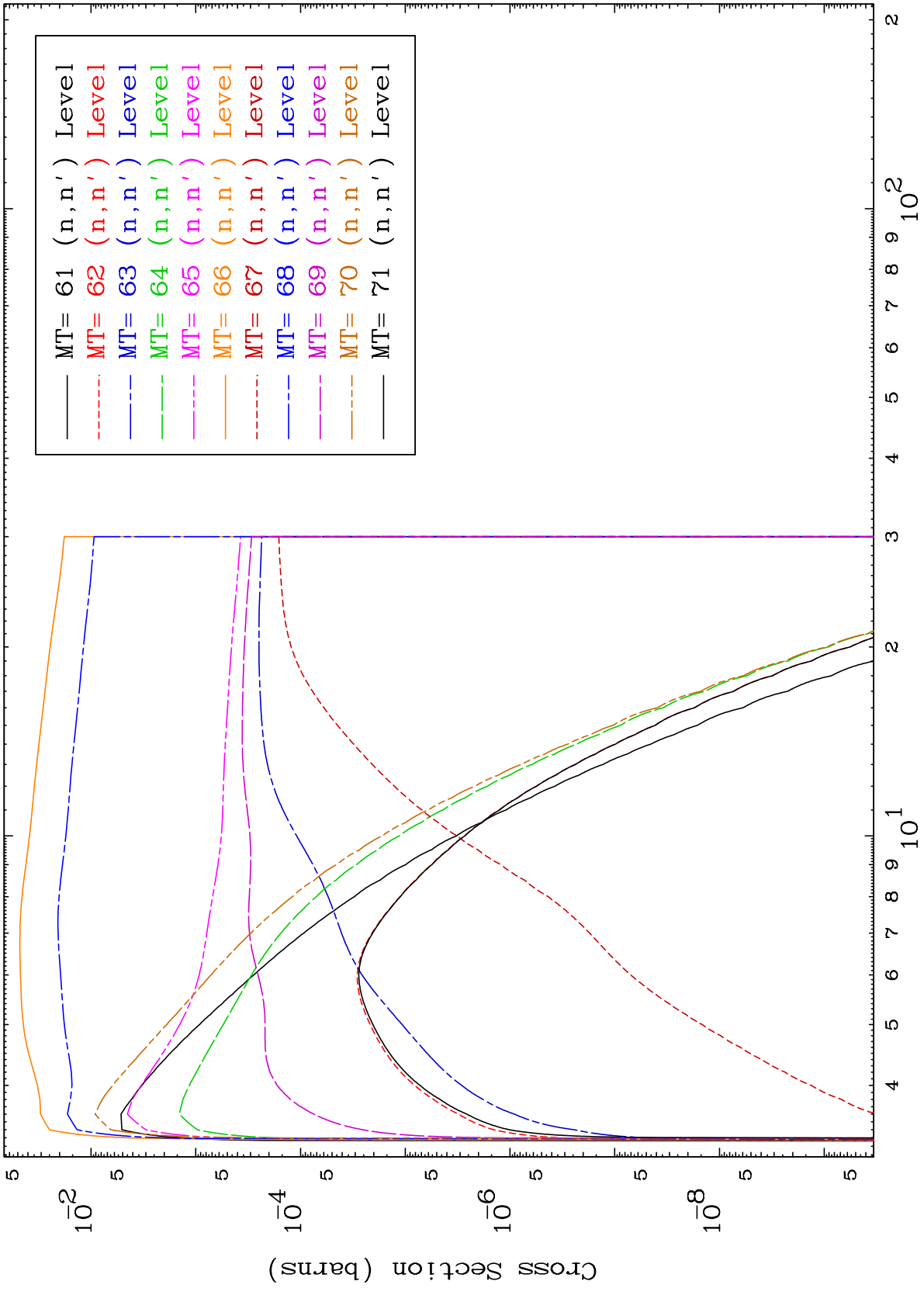


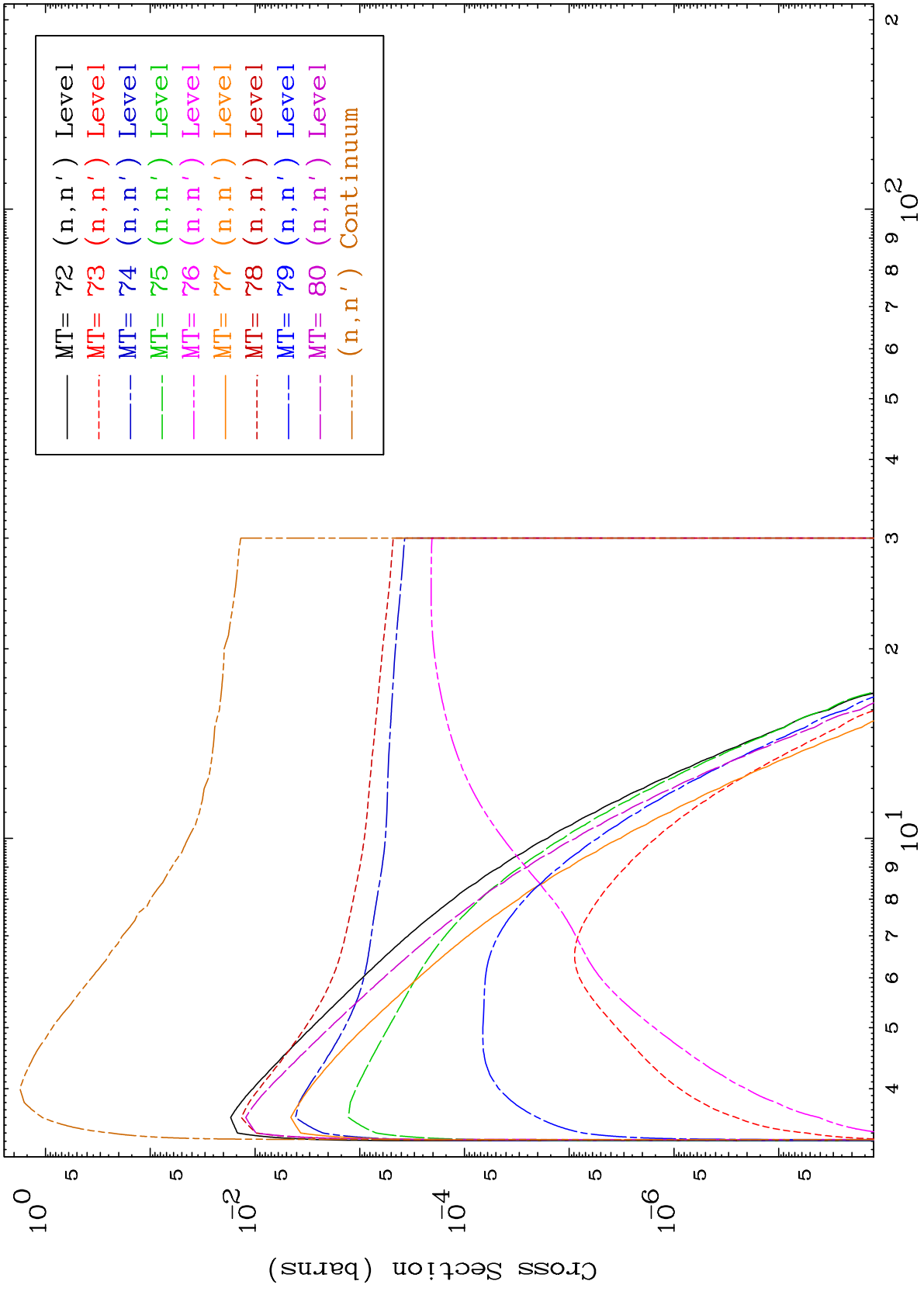








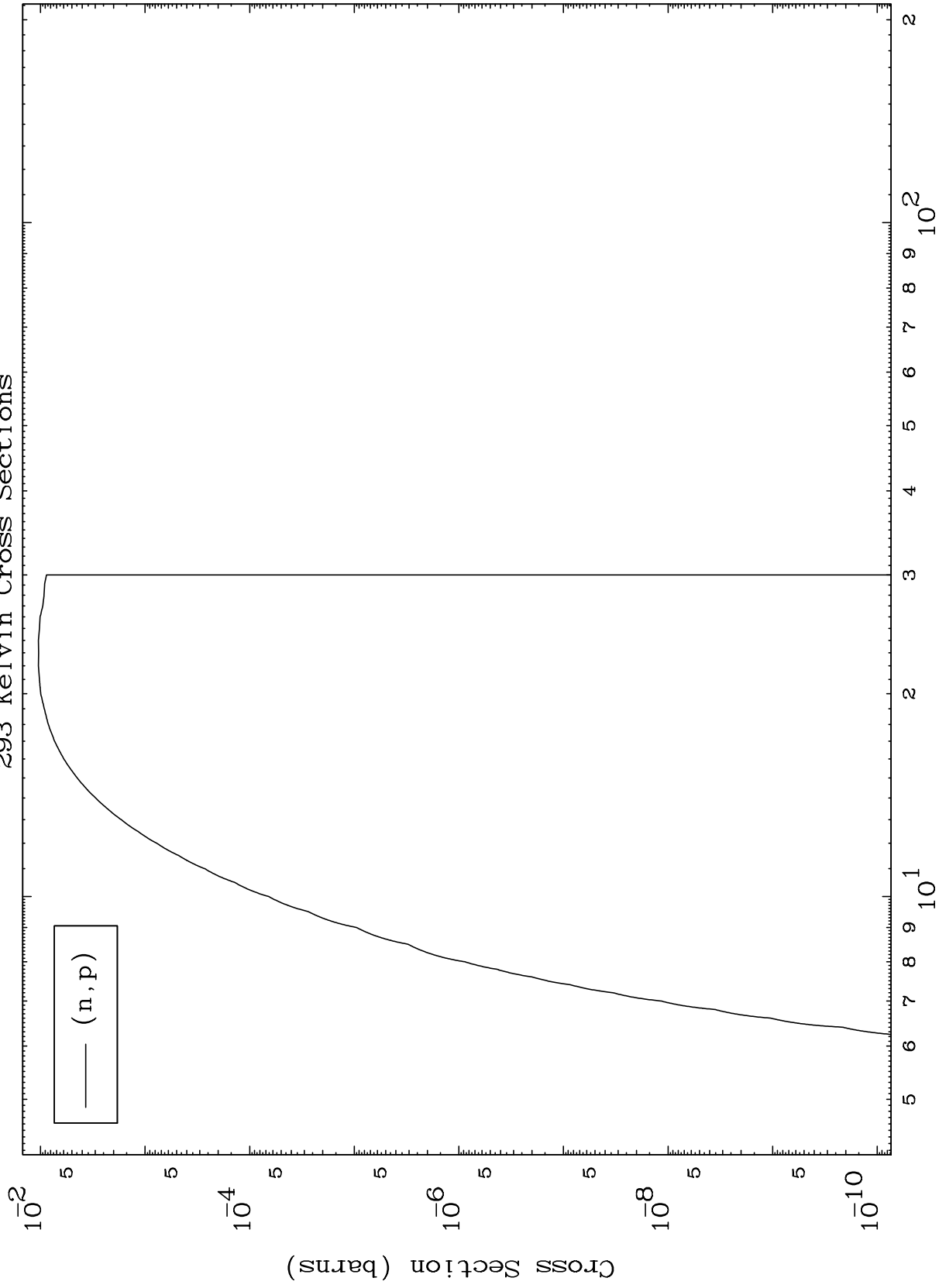




MAT 5352

(n,p) Levels
293 Kelvin Cross Sections

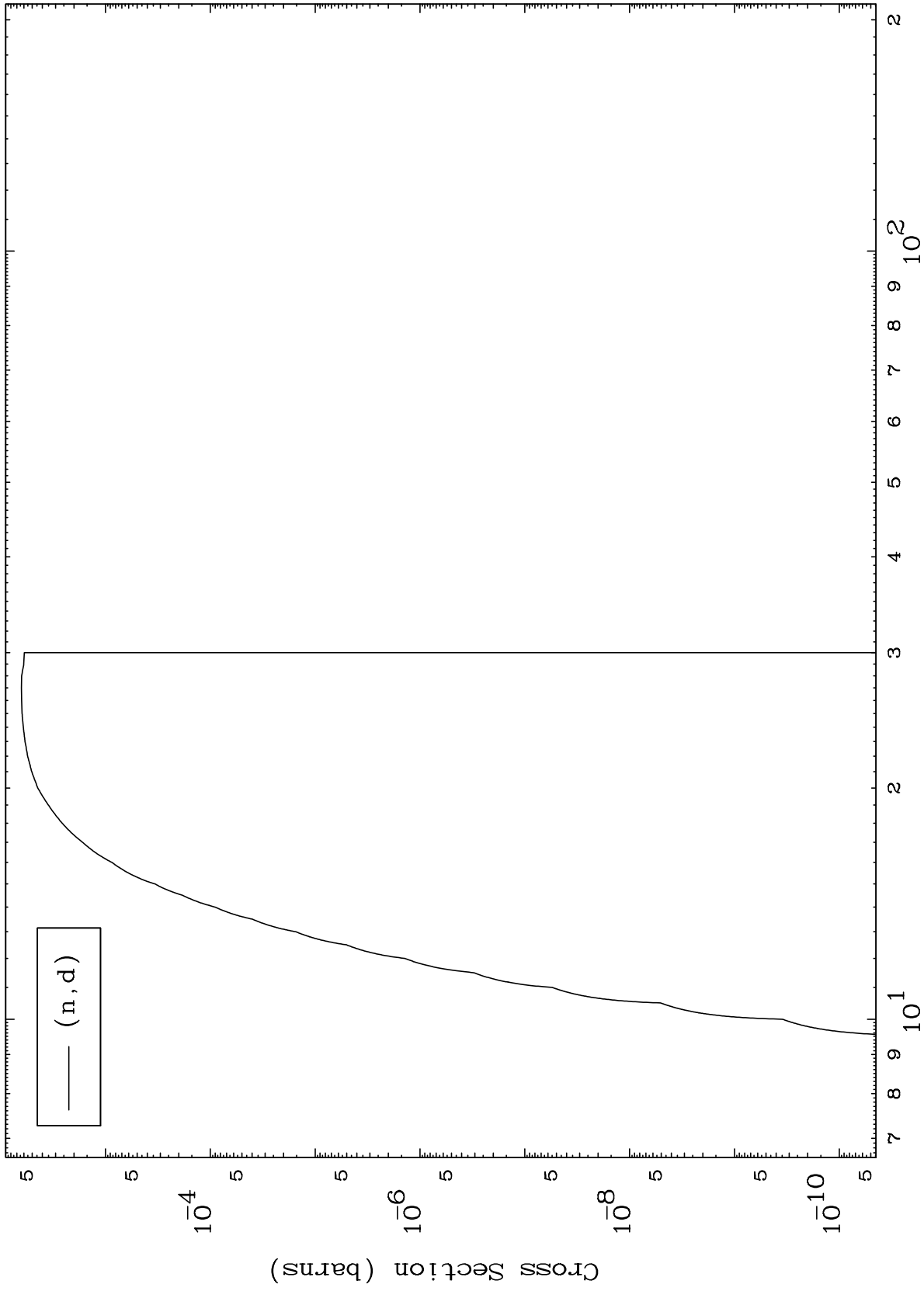
53-I -136

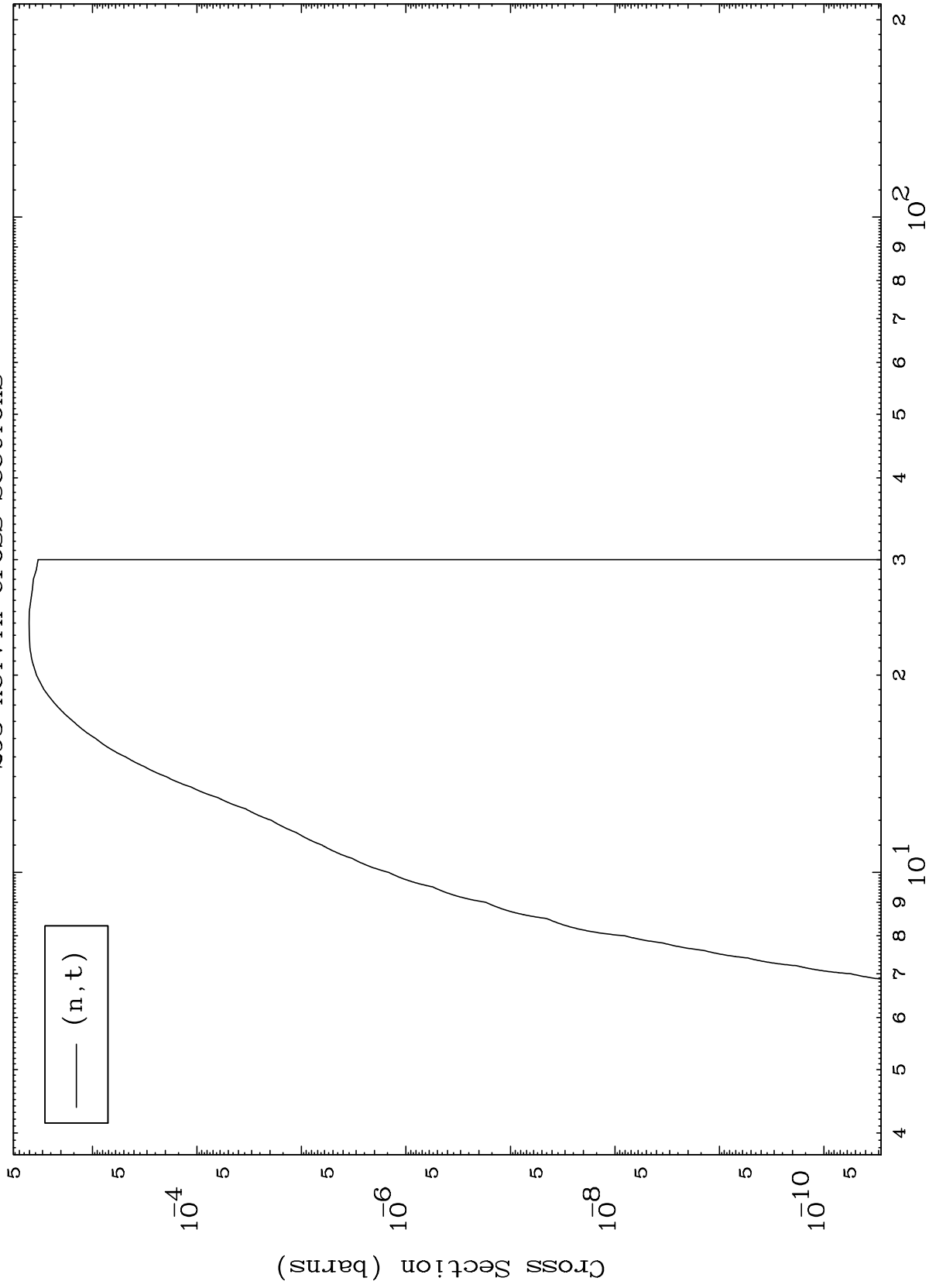


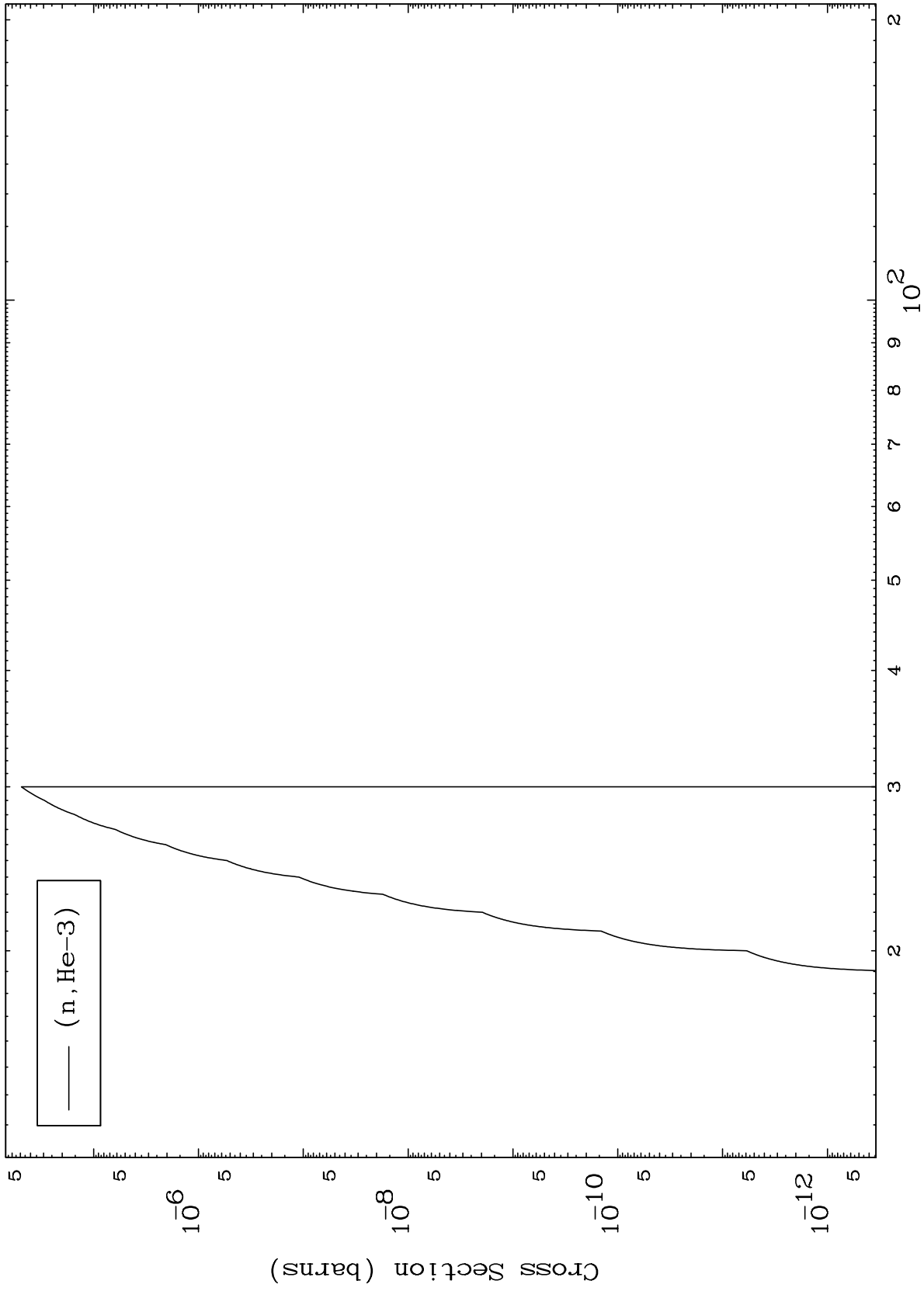
10

Incident Energy (MeV)

53-I -136



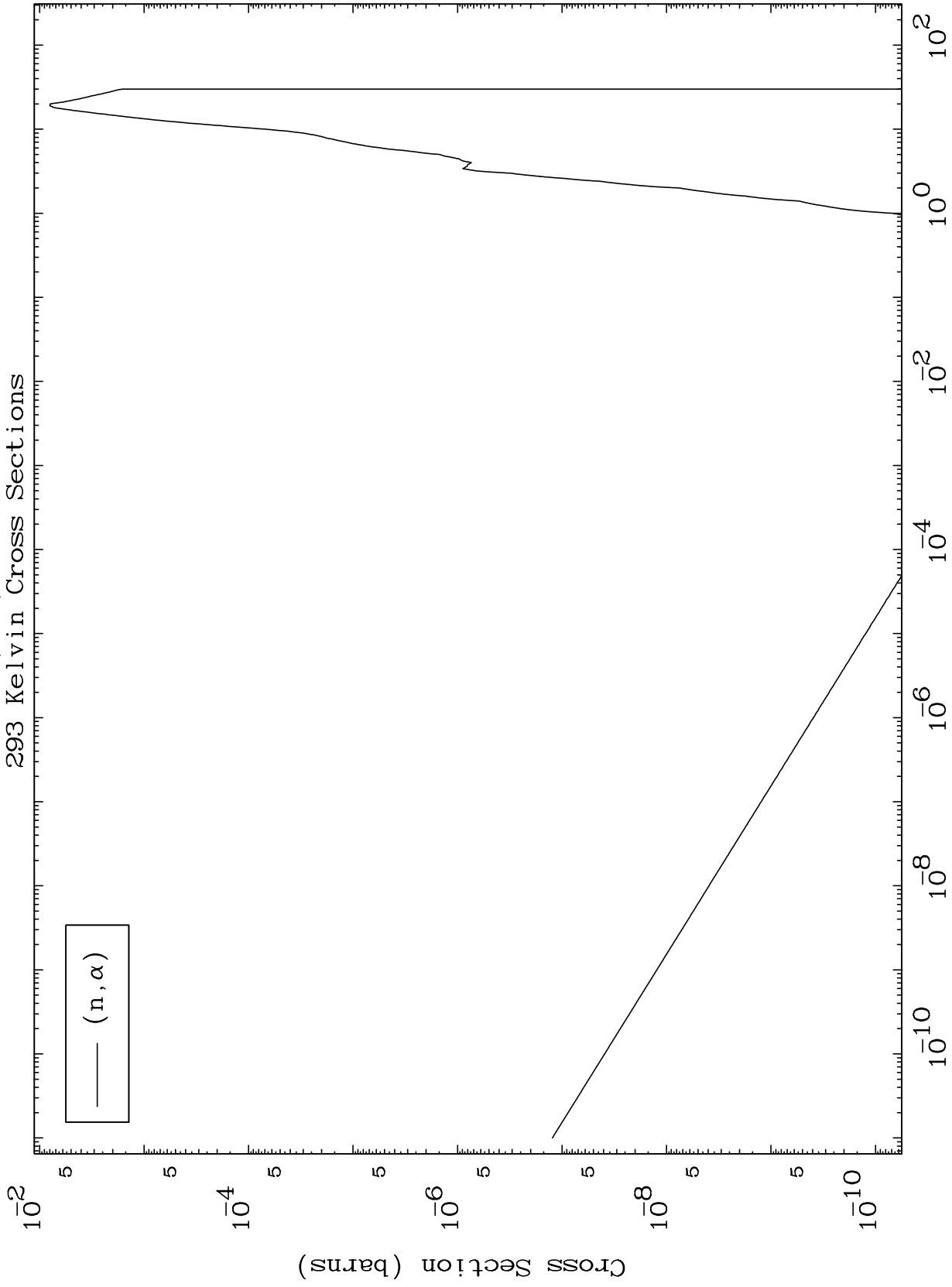


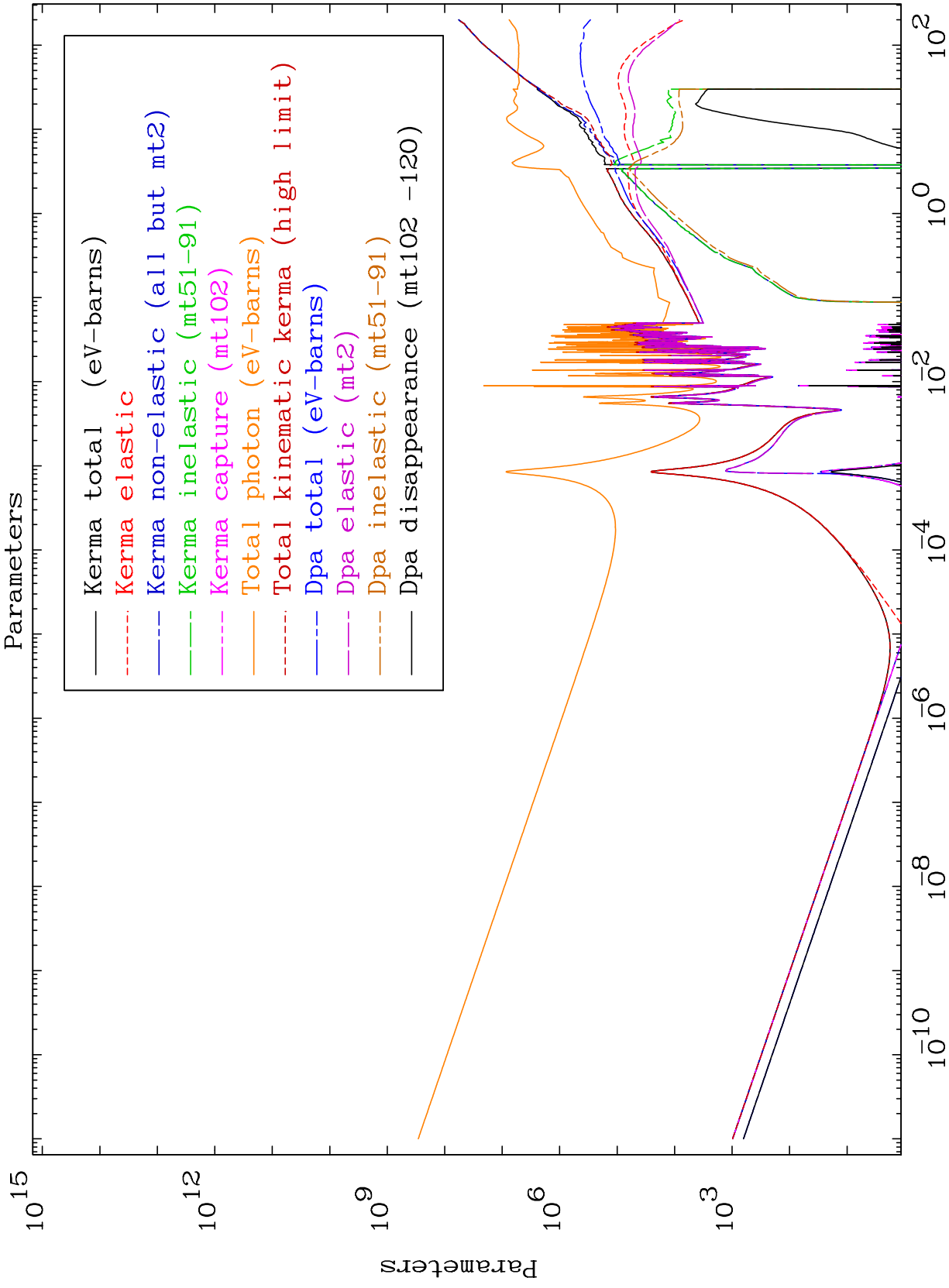


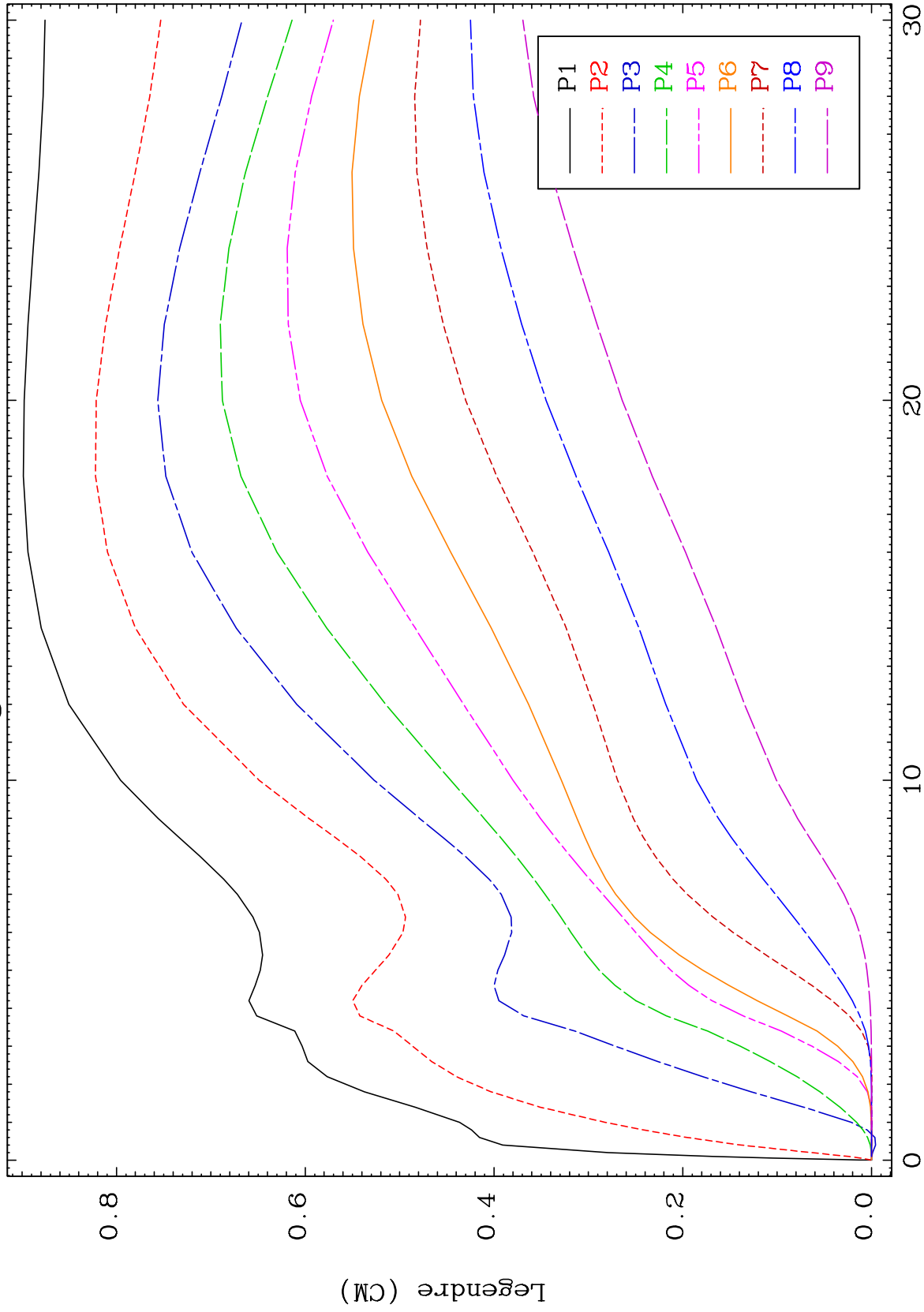
MAT 5352

(n, α) Levels
293 Kelvin Cross Sections

53-I -136



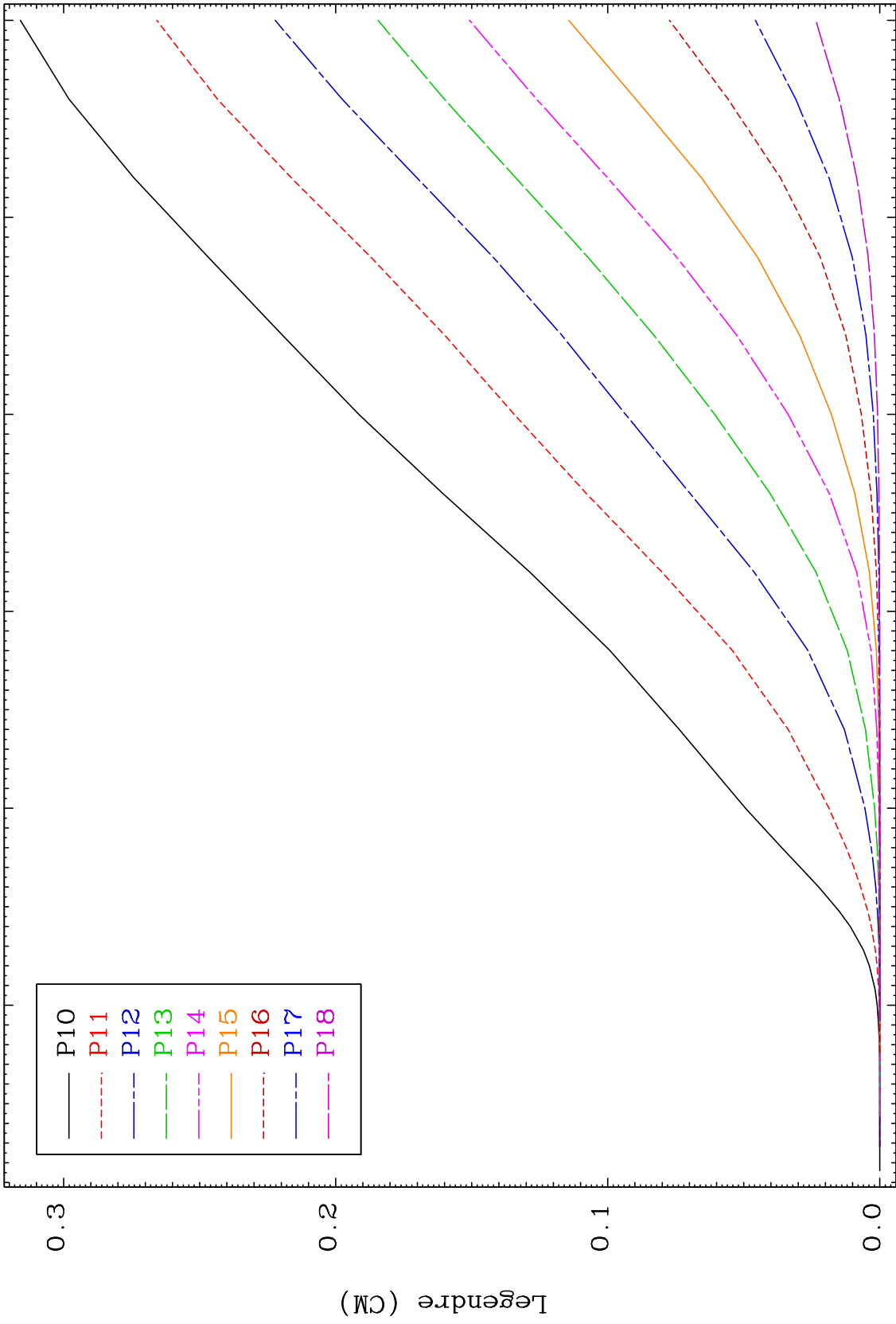




MAT 5352

Elastic Legendre Coefficients

53-I -136



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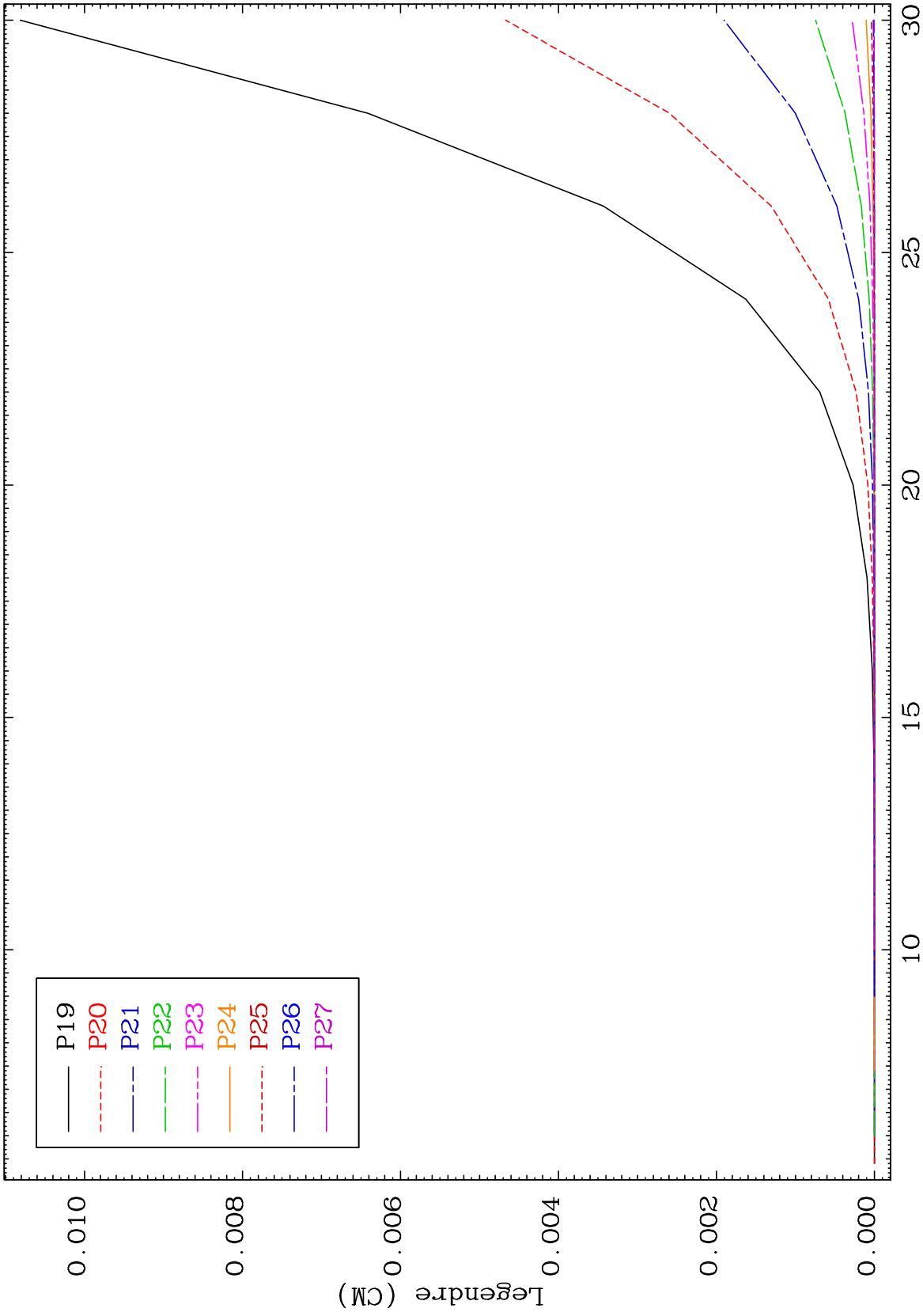
Incident Energy (MeV)

53-I -136

MAT 5352

Elastic Legendre Coefficients

53-I -136



18

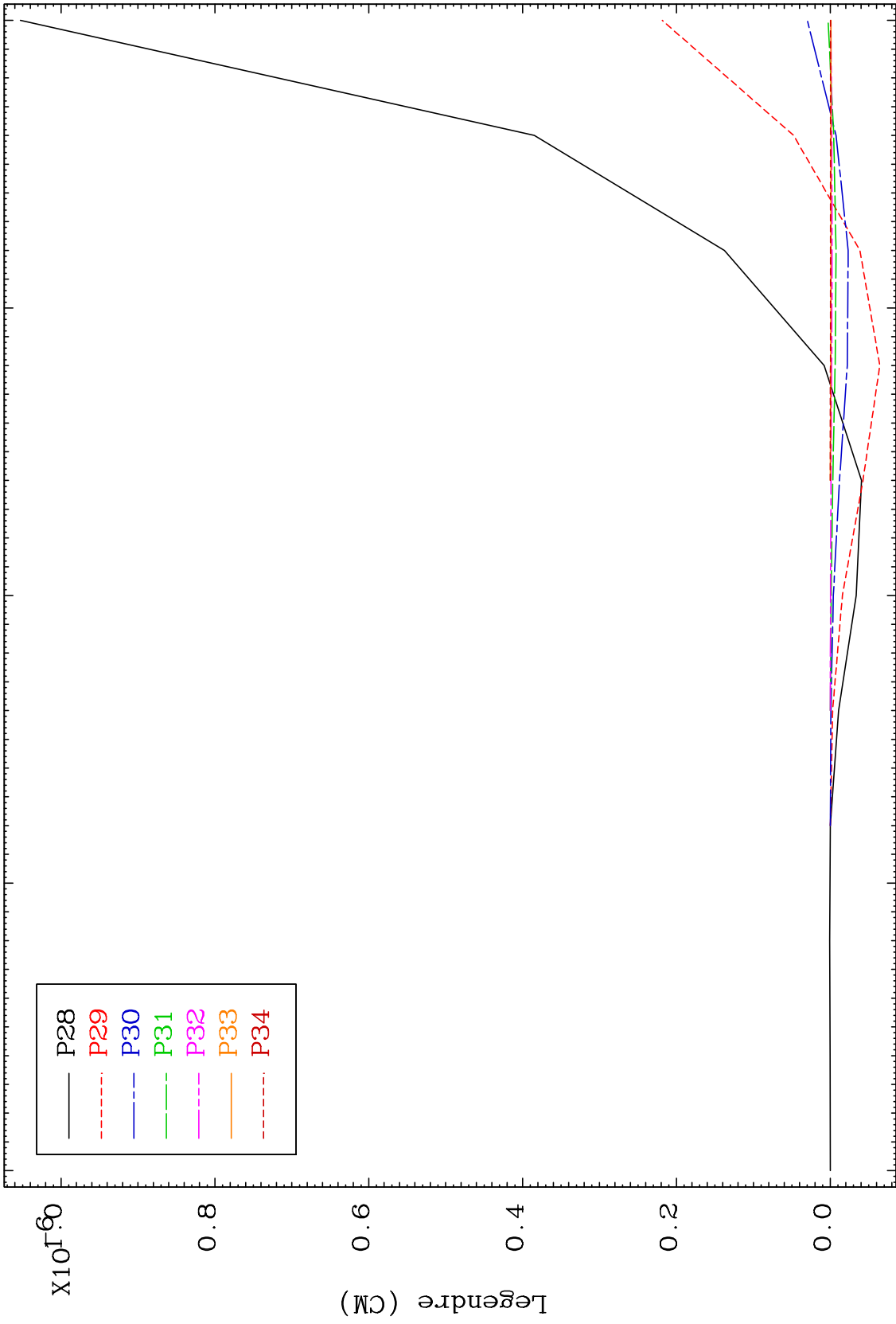
Incident Energy (MeV)

53-I -136

MAT 5352

Elastic Legendre Coefficients

53-I -136



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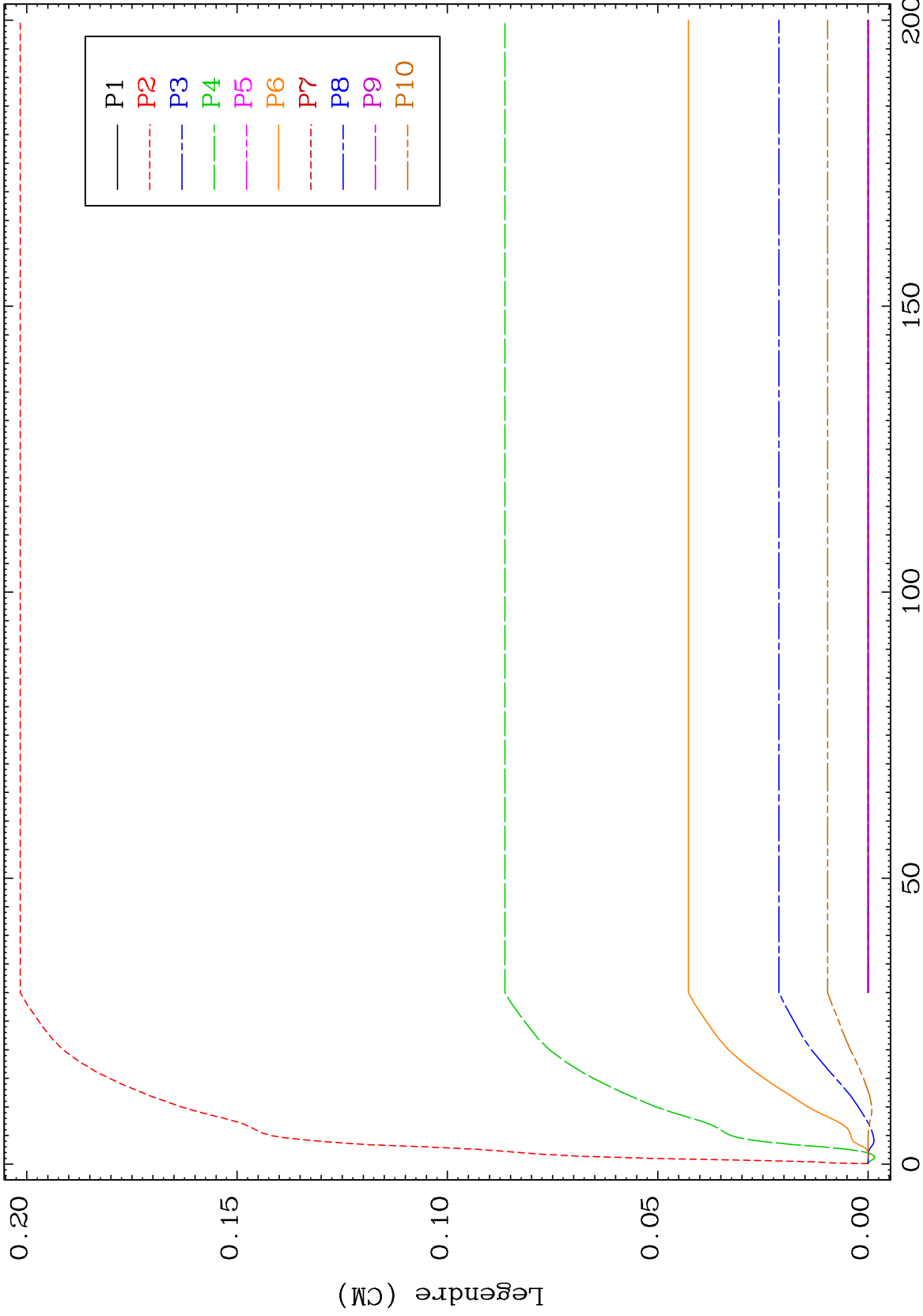
Incident Energy (MeV)

53-I -136

MAT 5352

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

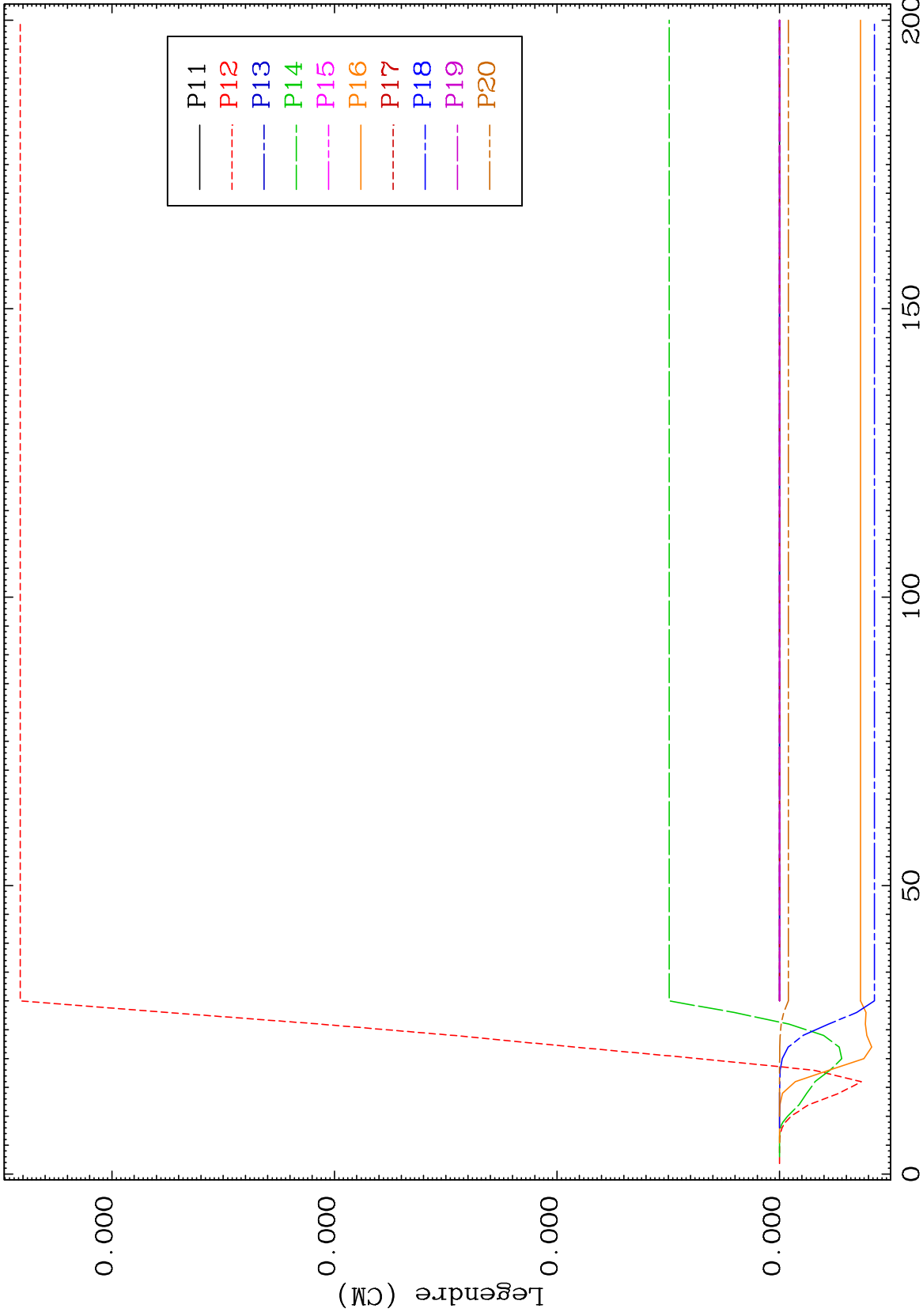
53-I -136



20

Incident Energy (MeV)

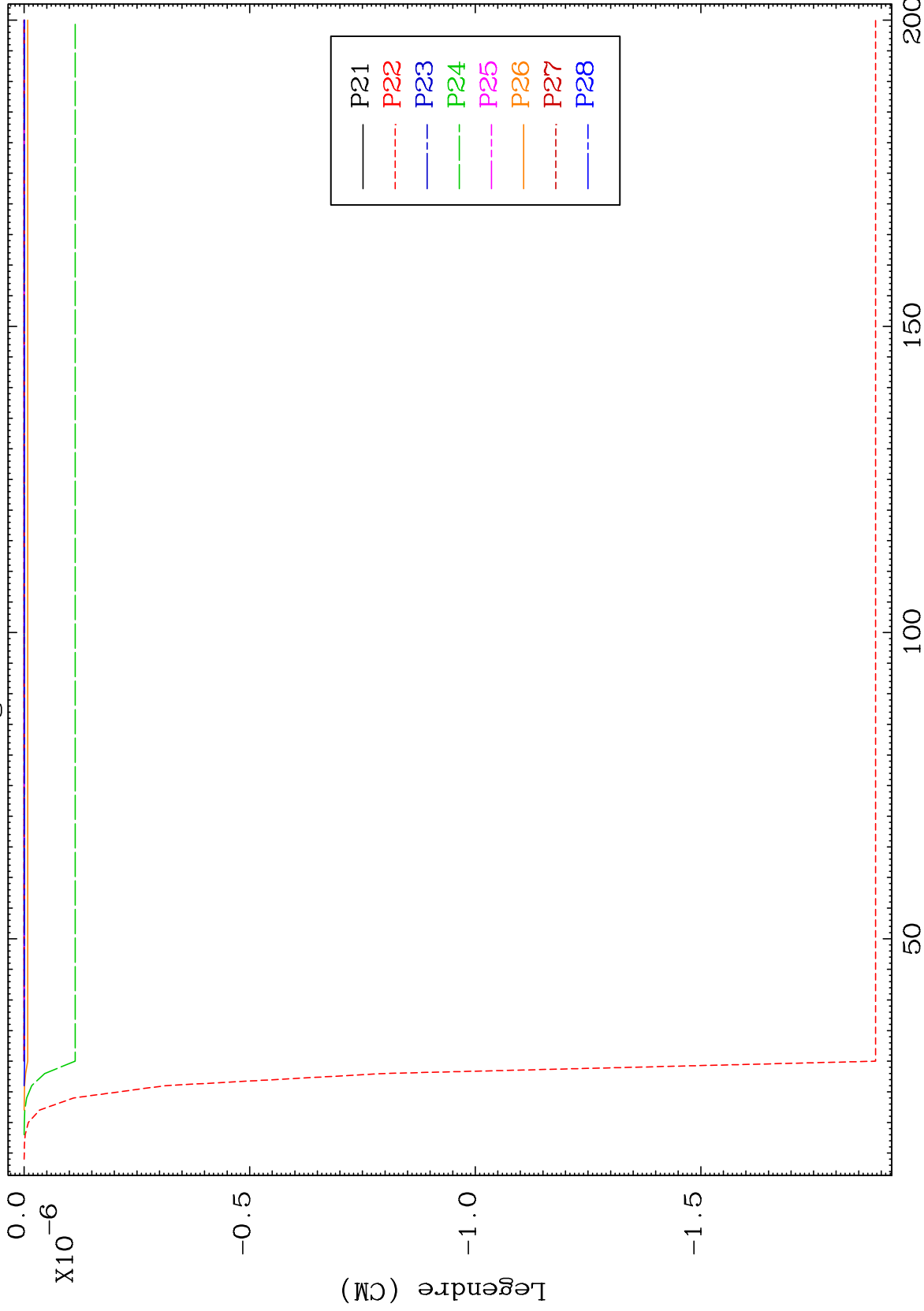
53-I -136



MAT 5352

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

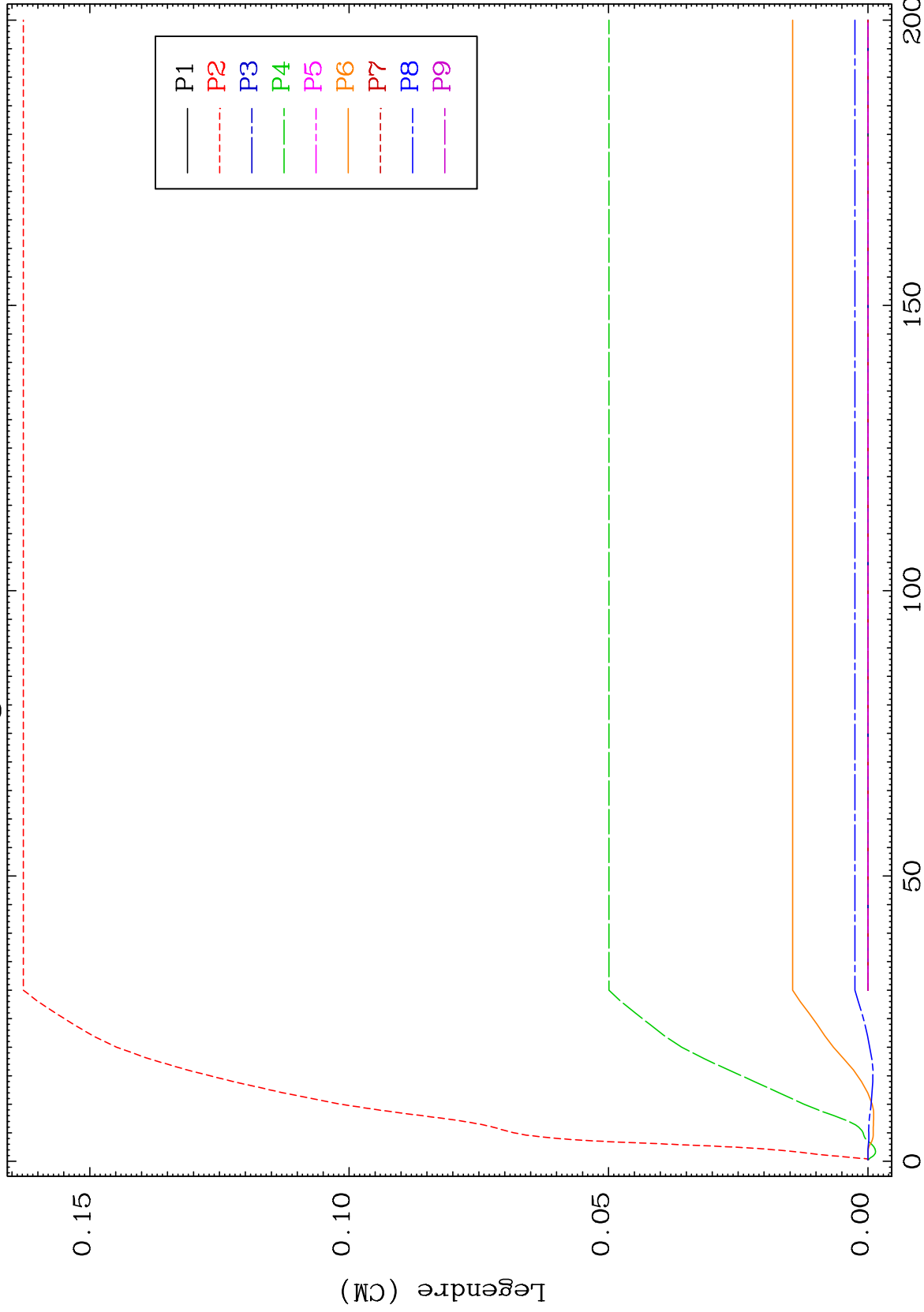
53-I -136



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Incident Energy (MeV)

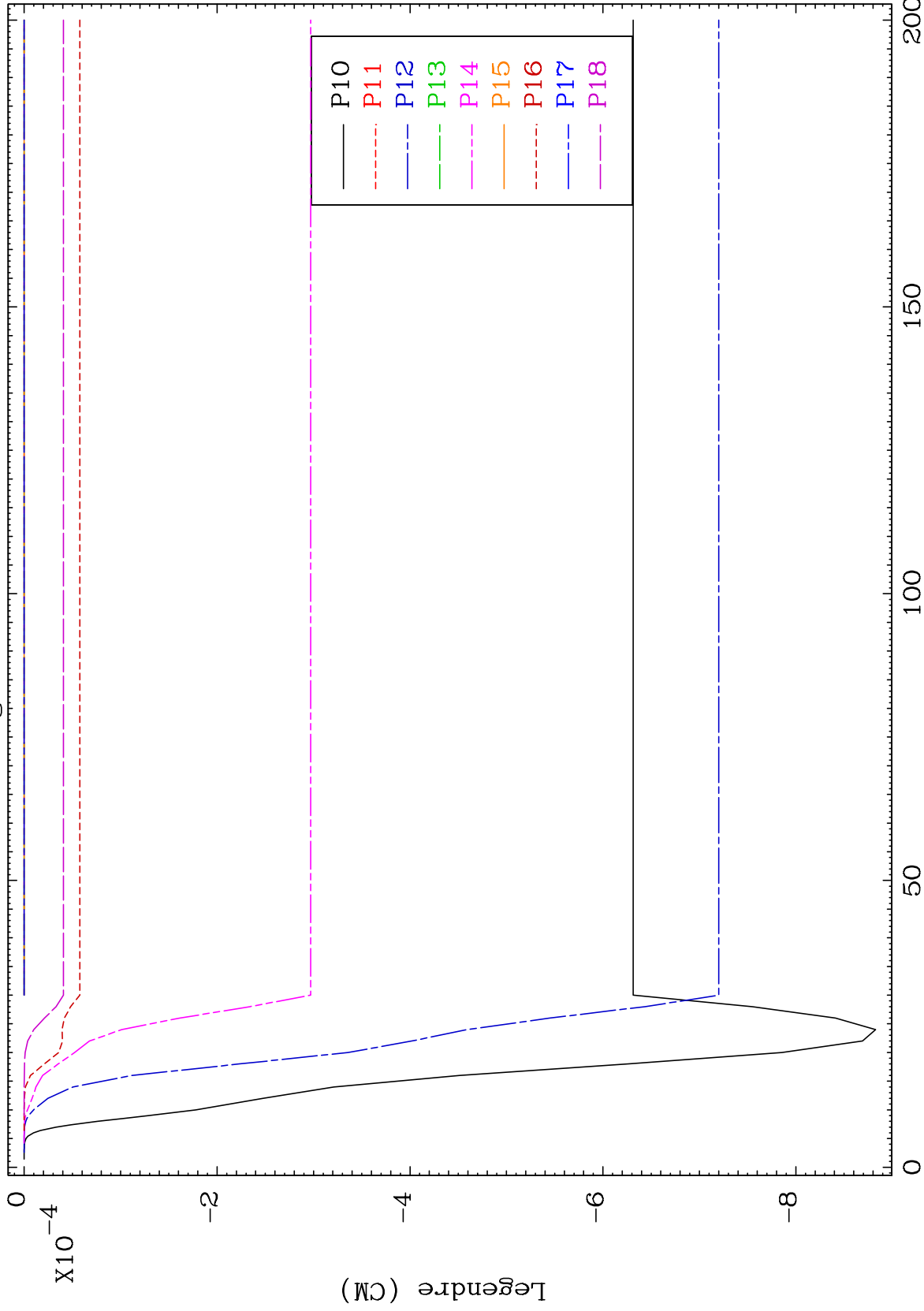
53-I -136



MAT 5352

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

53-I -136



24

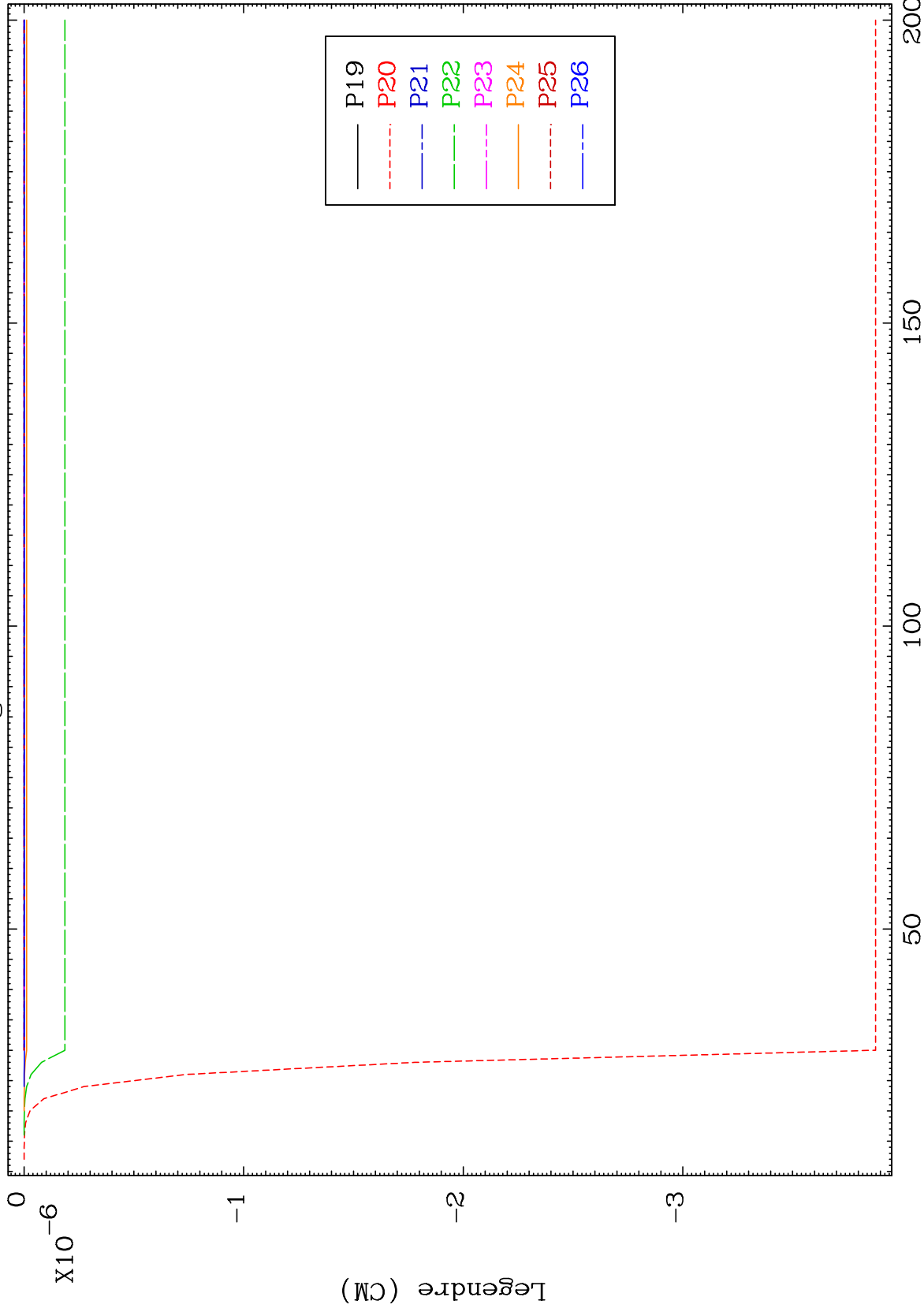
Incident Energy (MeV)

53-I -136

MAT 5352

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

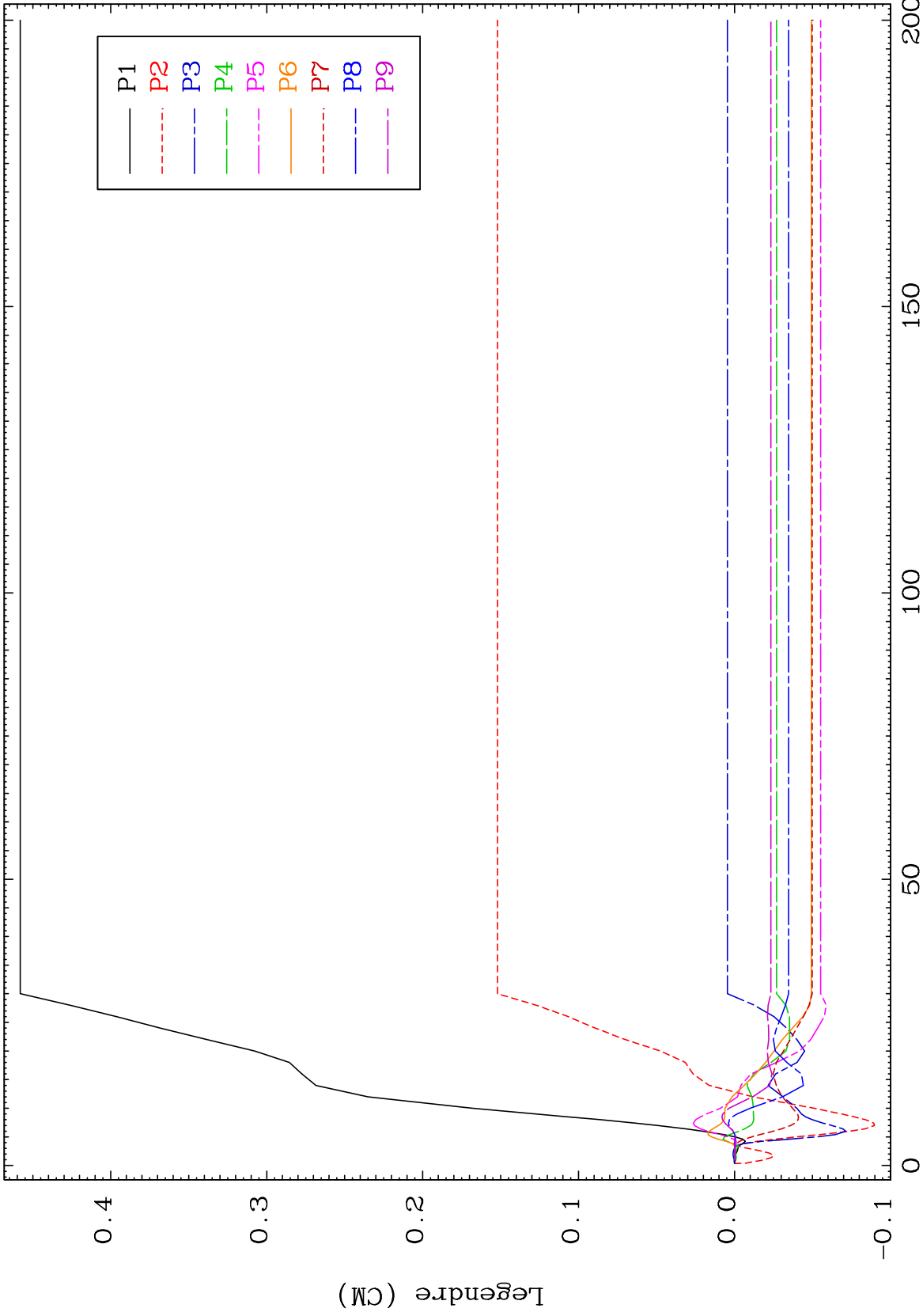
53-I -136



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Incident Energy (MeV)

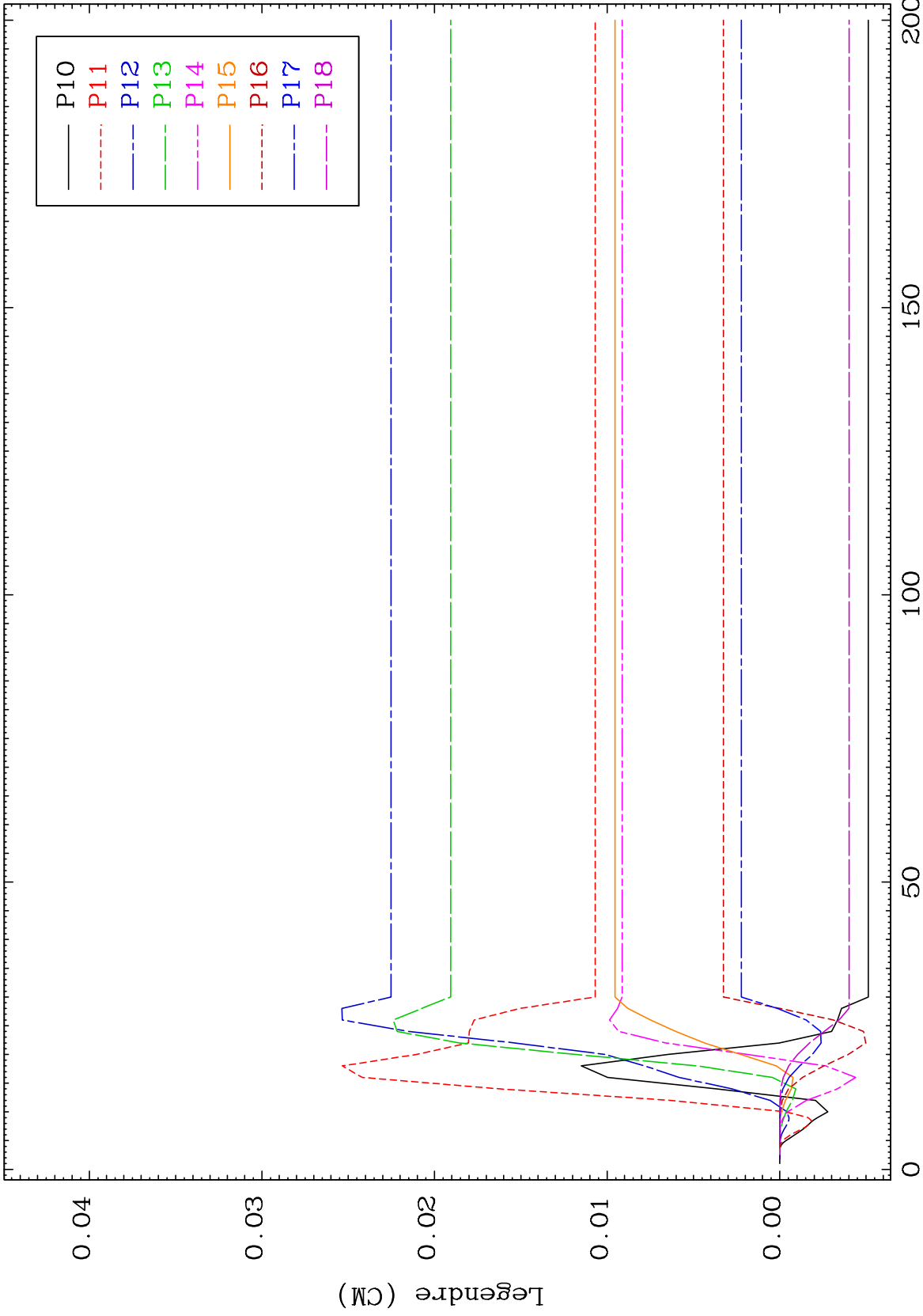
53-I -136



MAT 5352

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

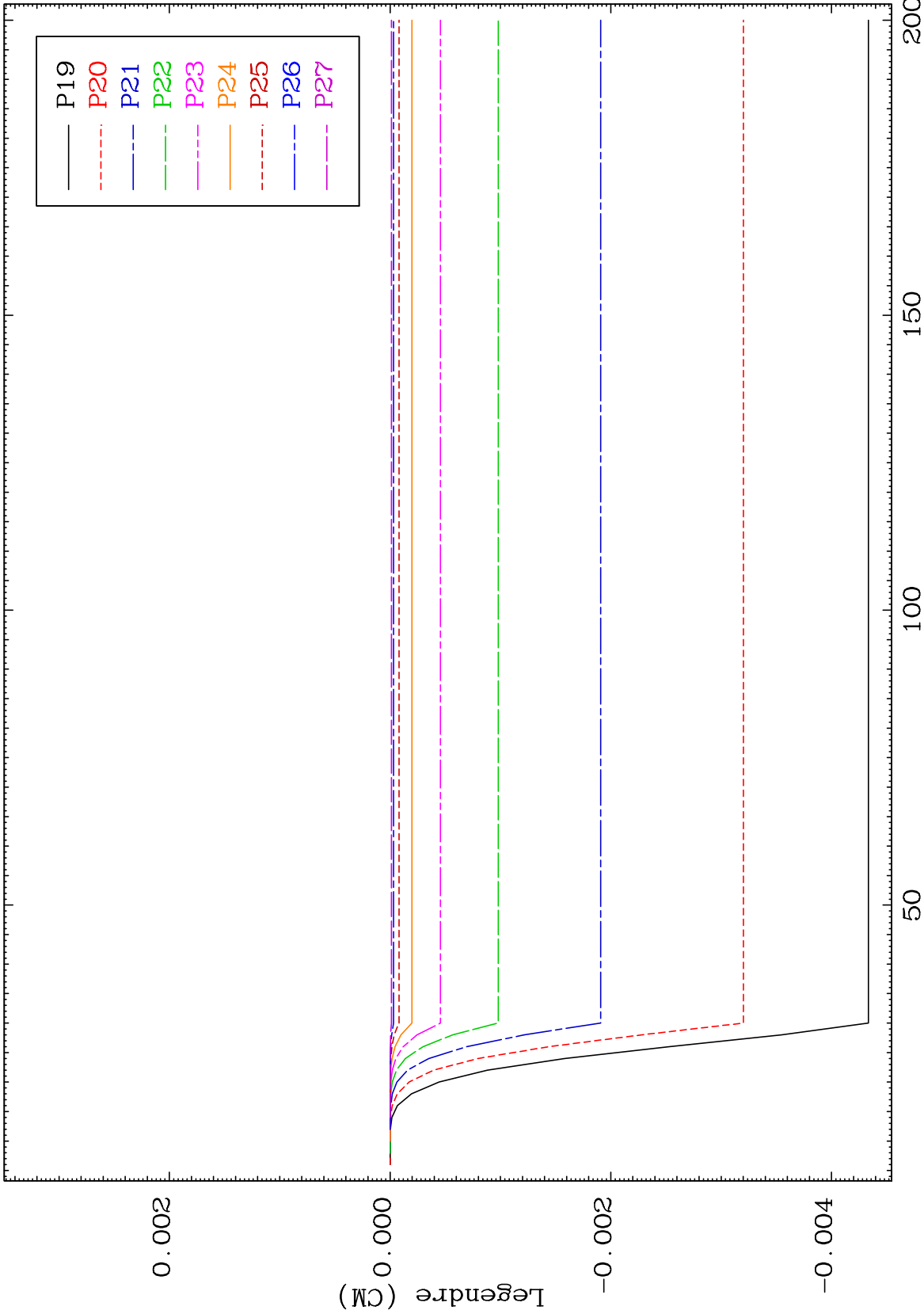
53-I -136



27

Incident Energy (MeV)

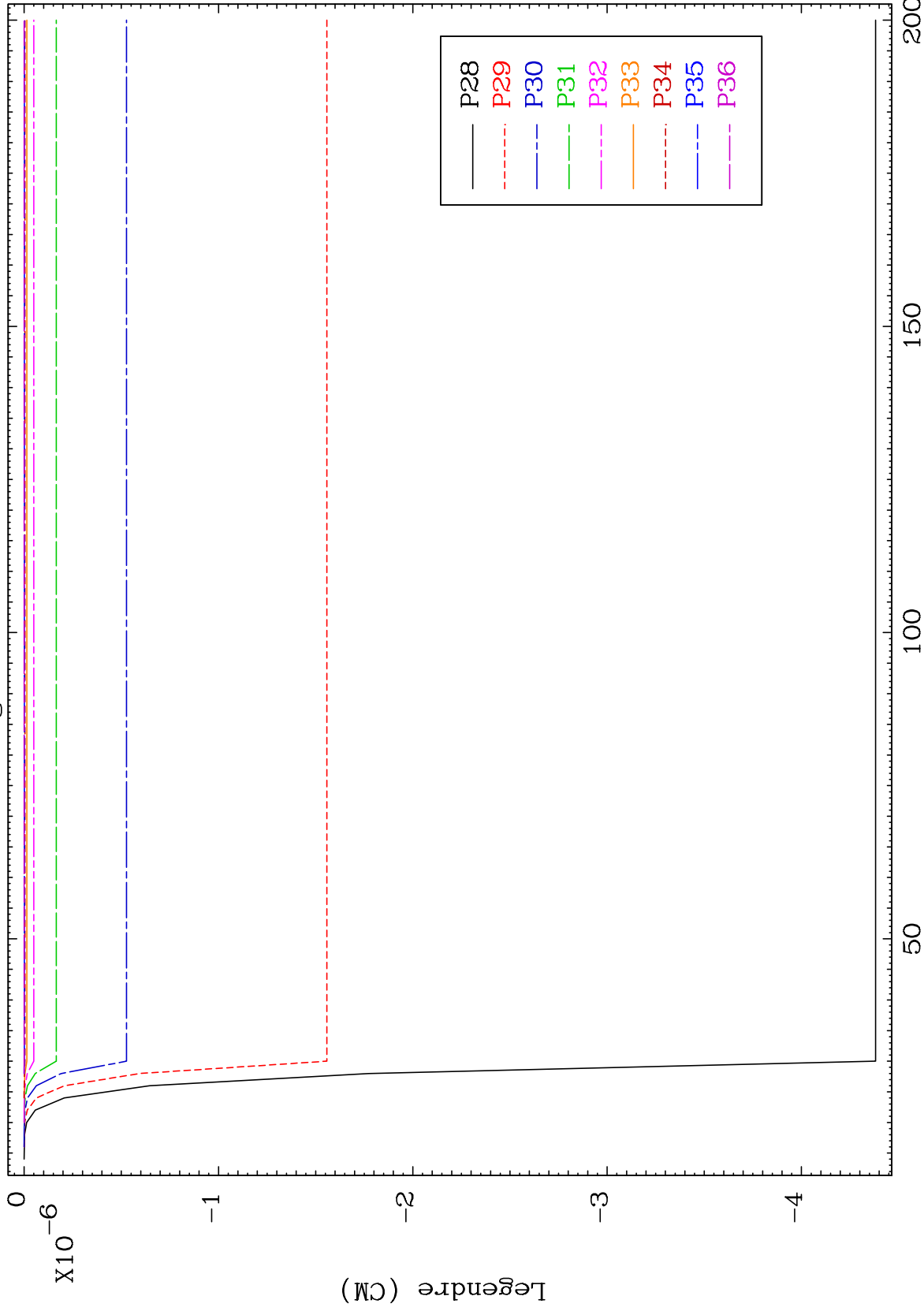
53-I -136



MAT 5352

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

53-I -136



29

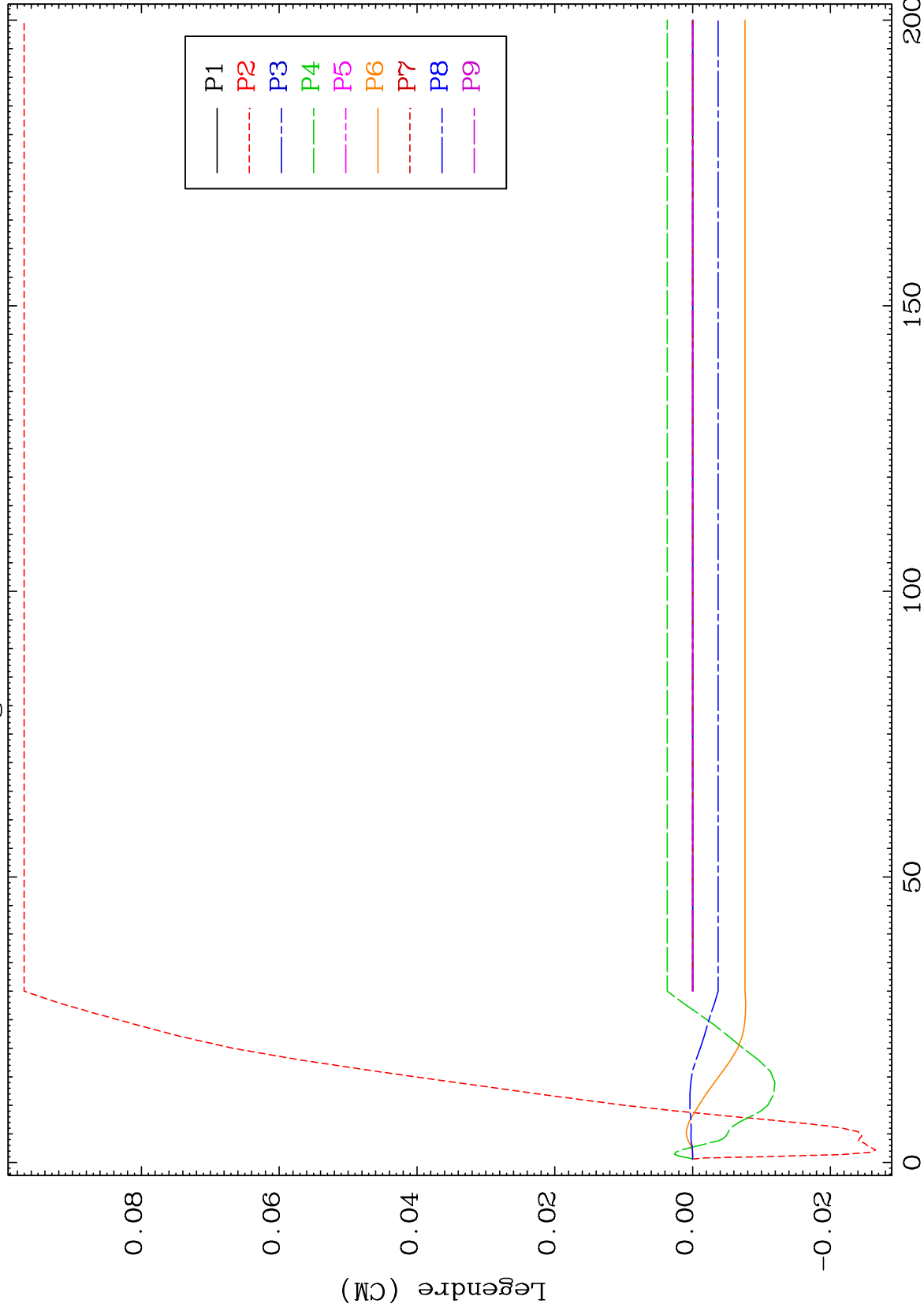
Incident Energy (MeV)

53-I -136

MAT 5352

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

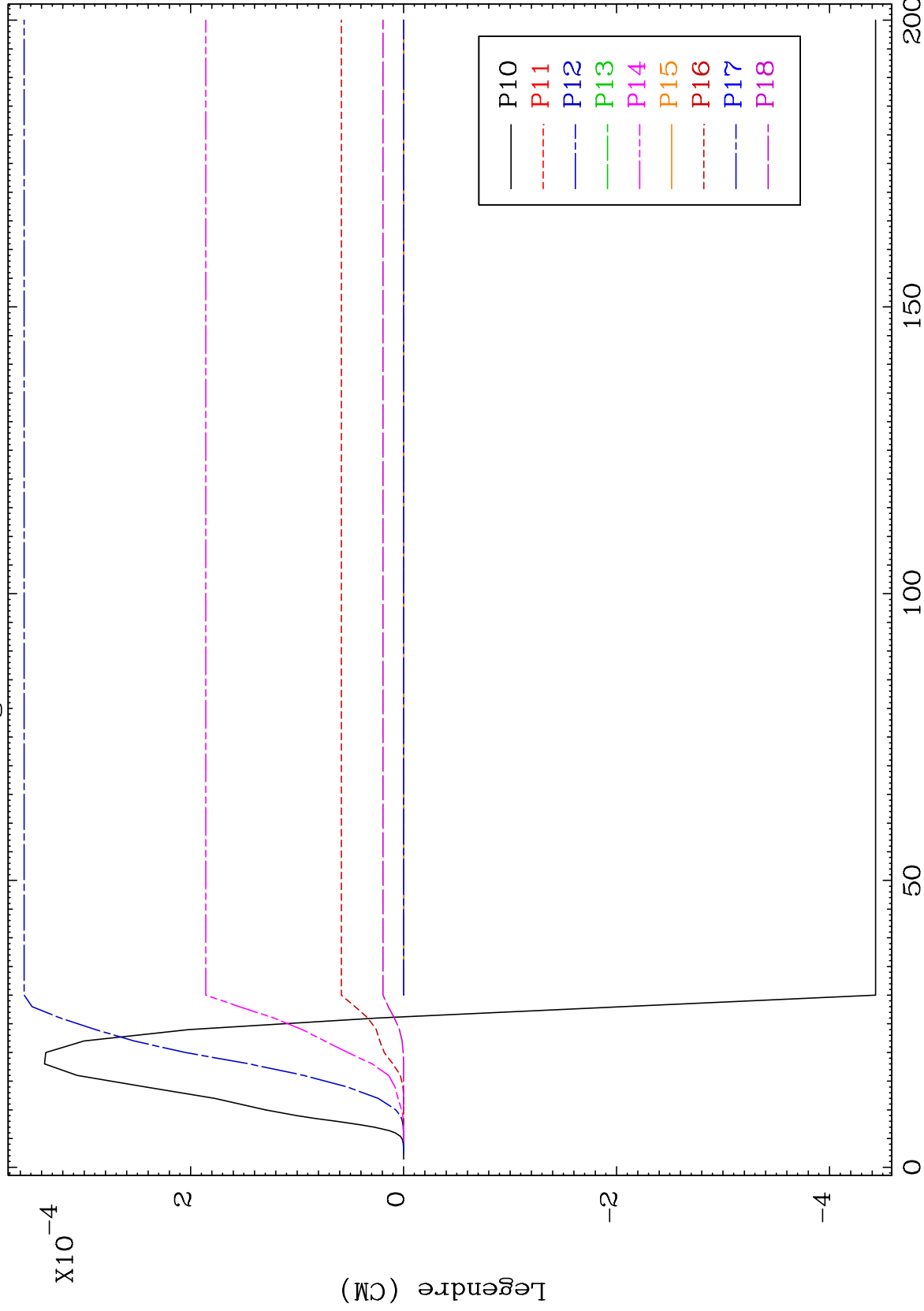
53-I -136



30

Incident Energy (MeV)

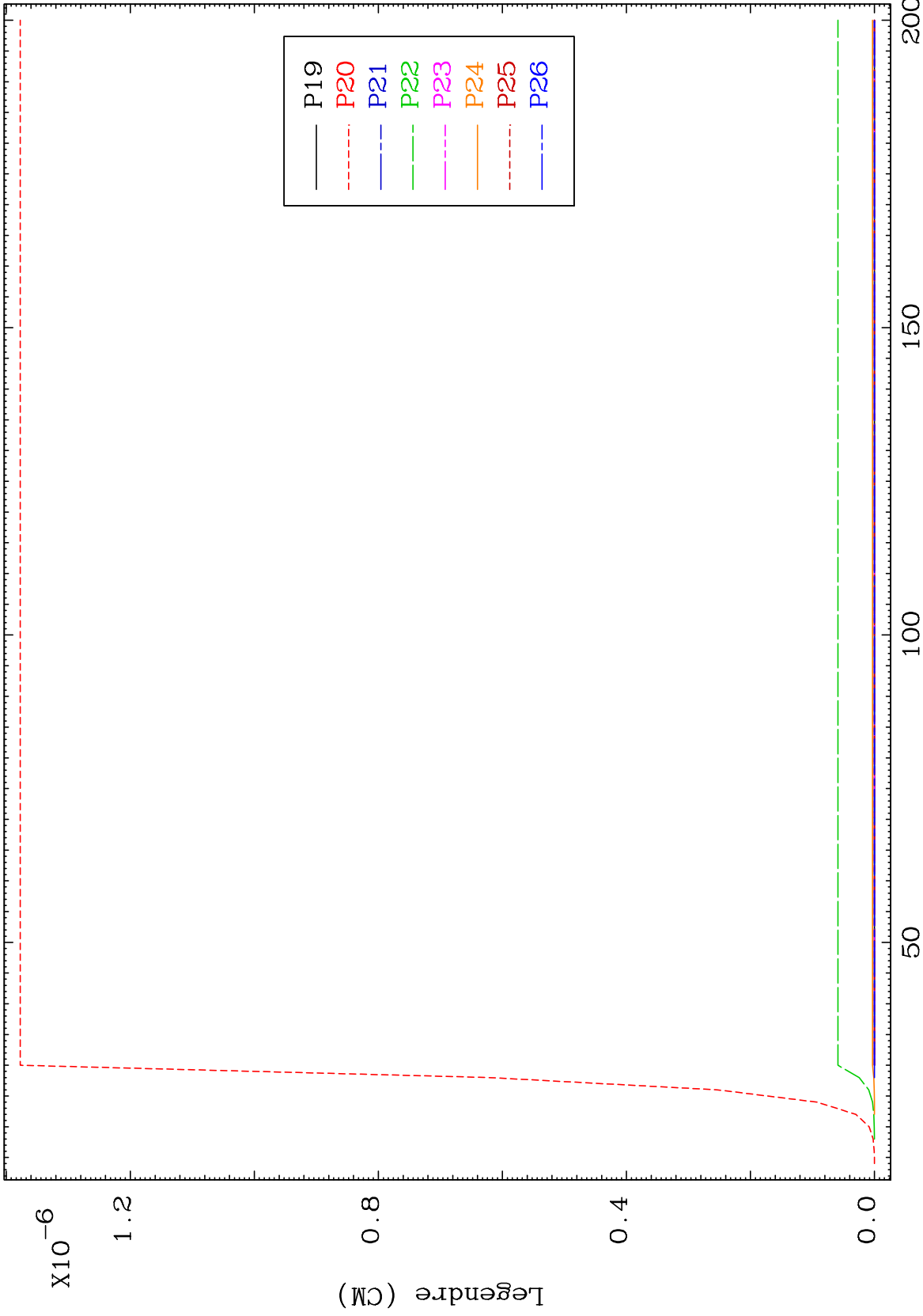
53-I -136



MAT 5352

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

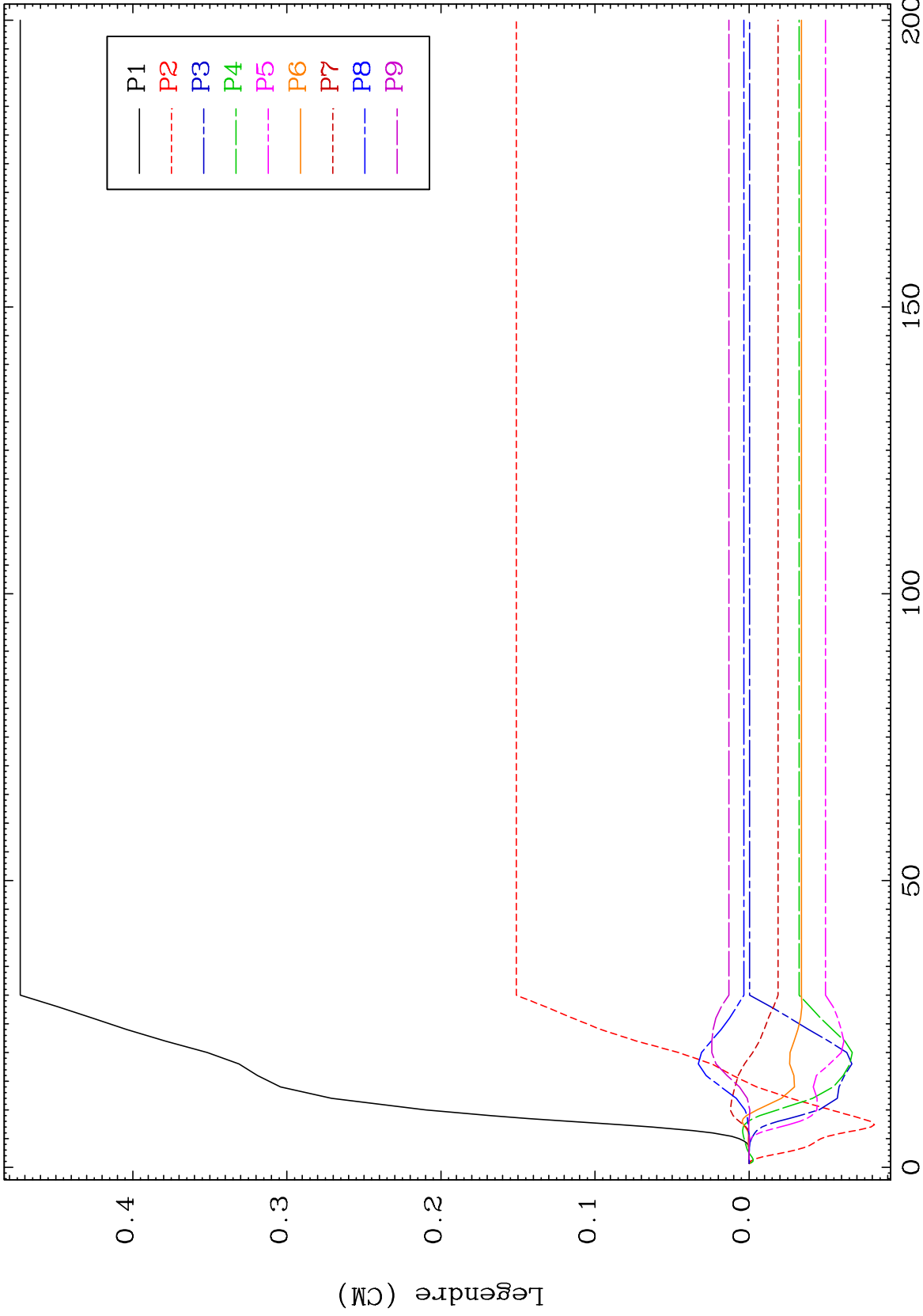
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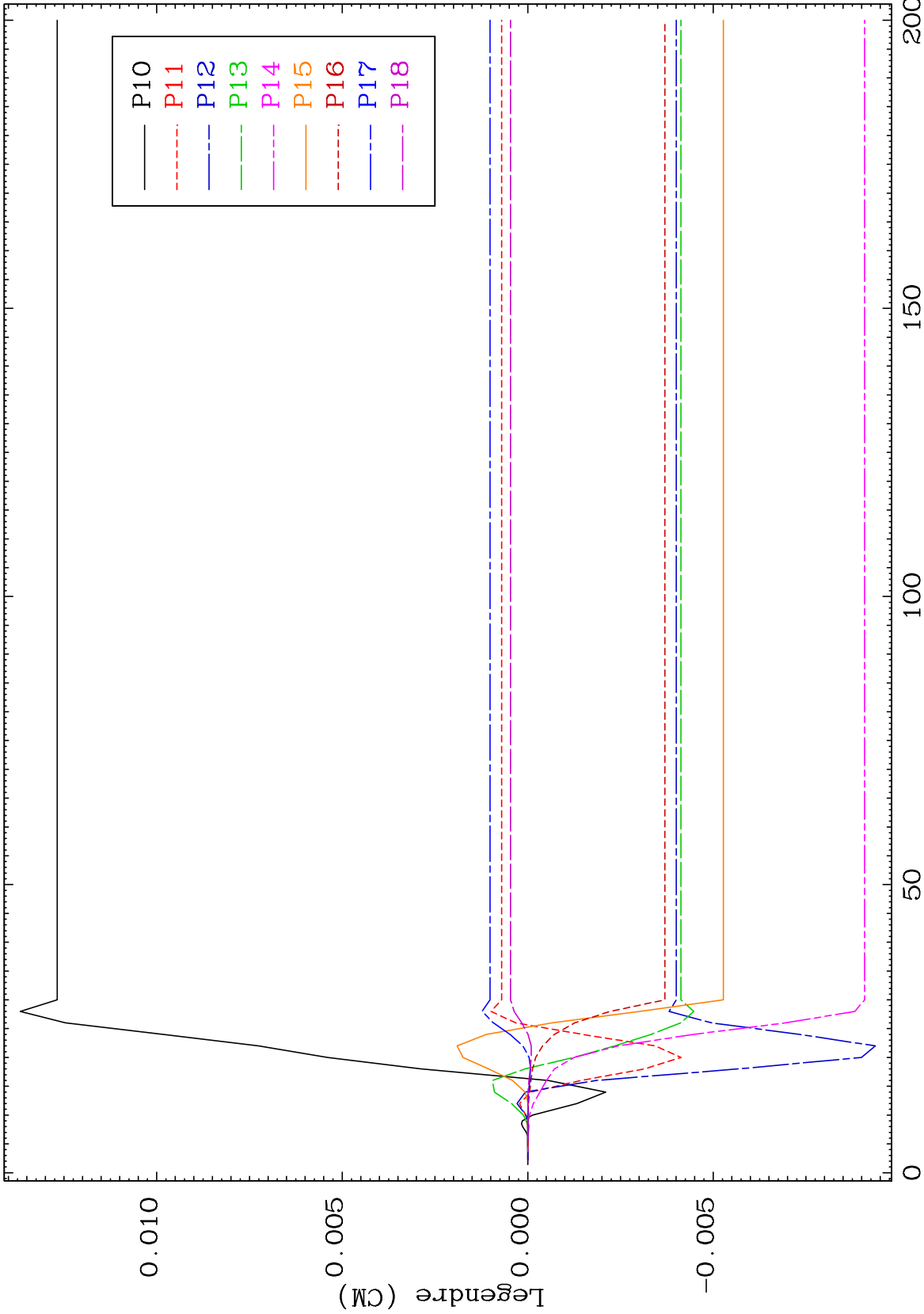


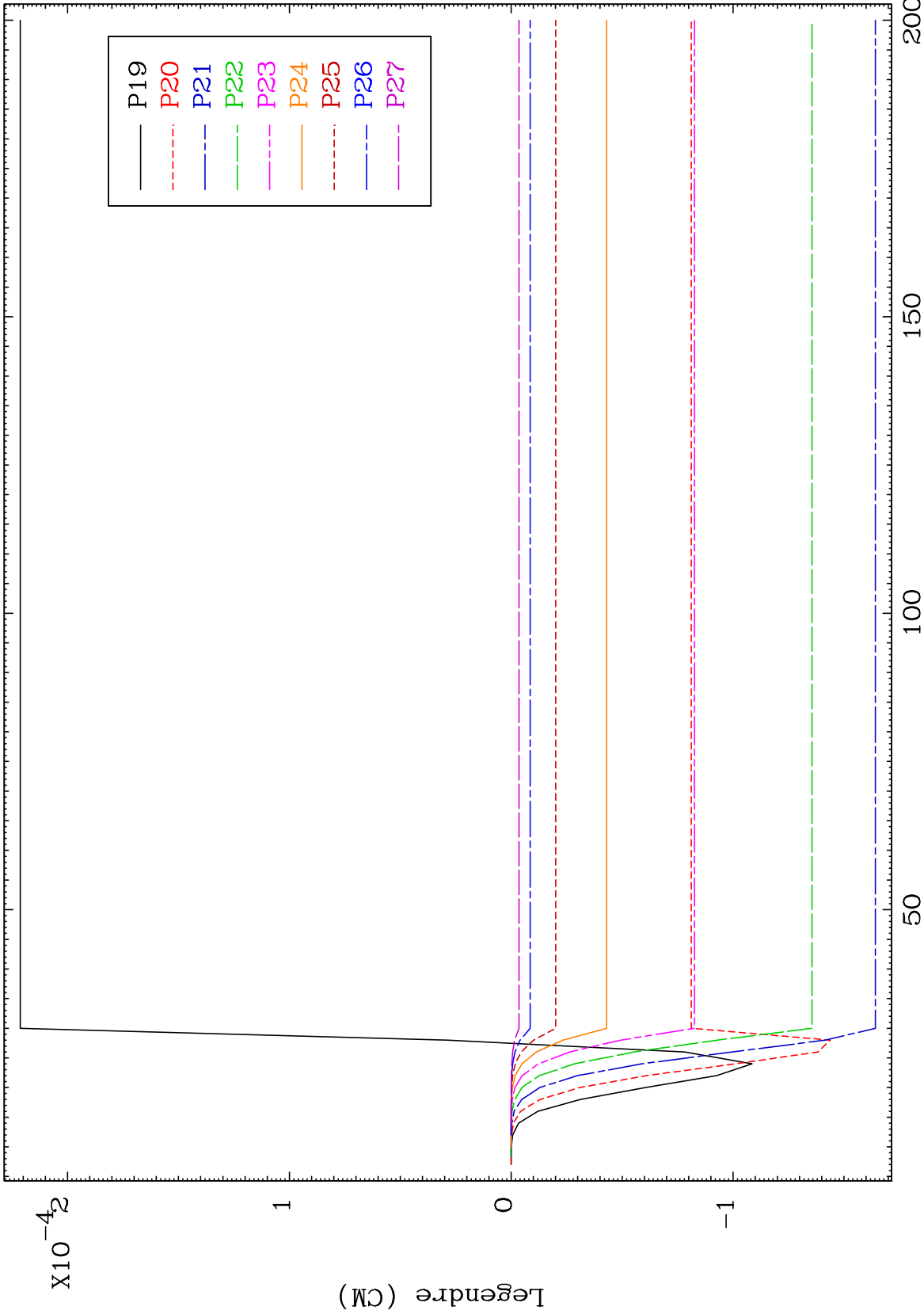
32

Incident Energy (MeV)

53-I -136



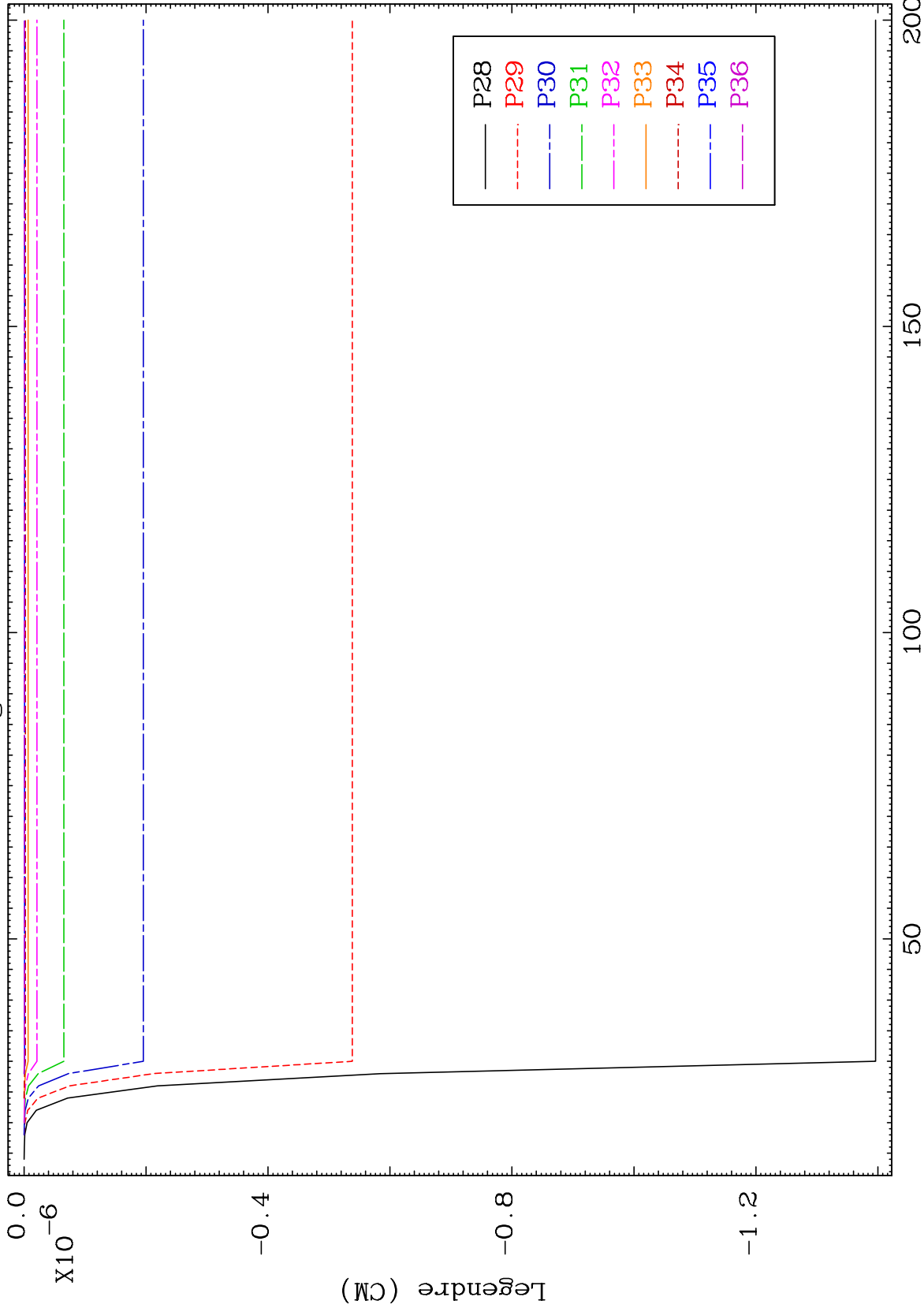




MAT 5352

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

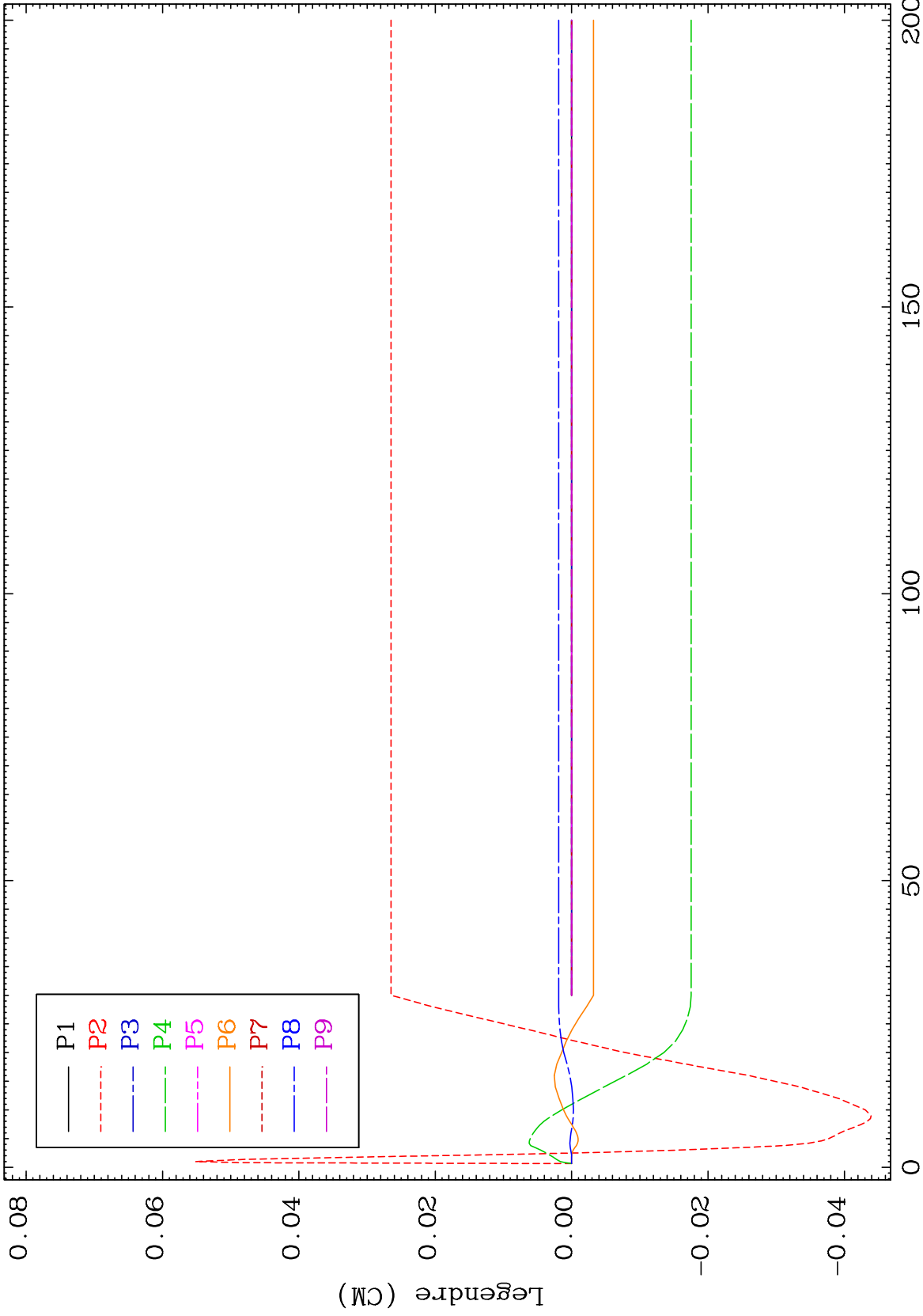
53-I -136

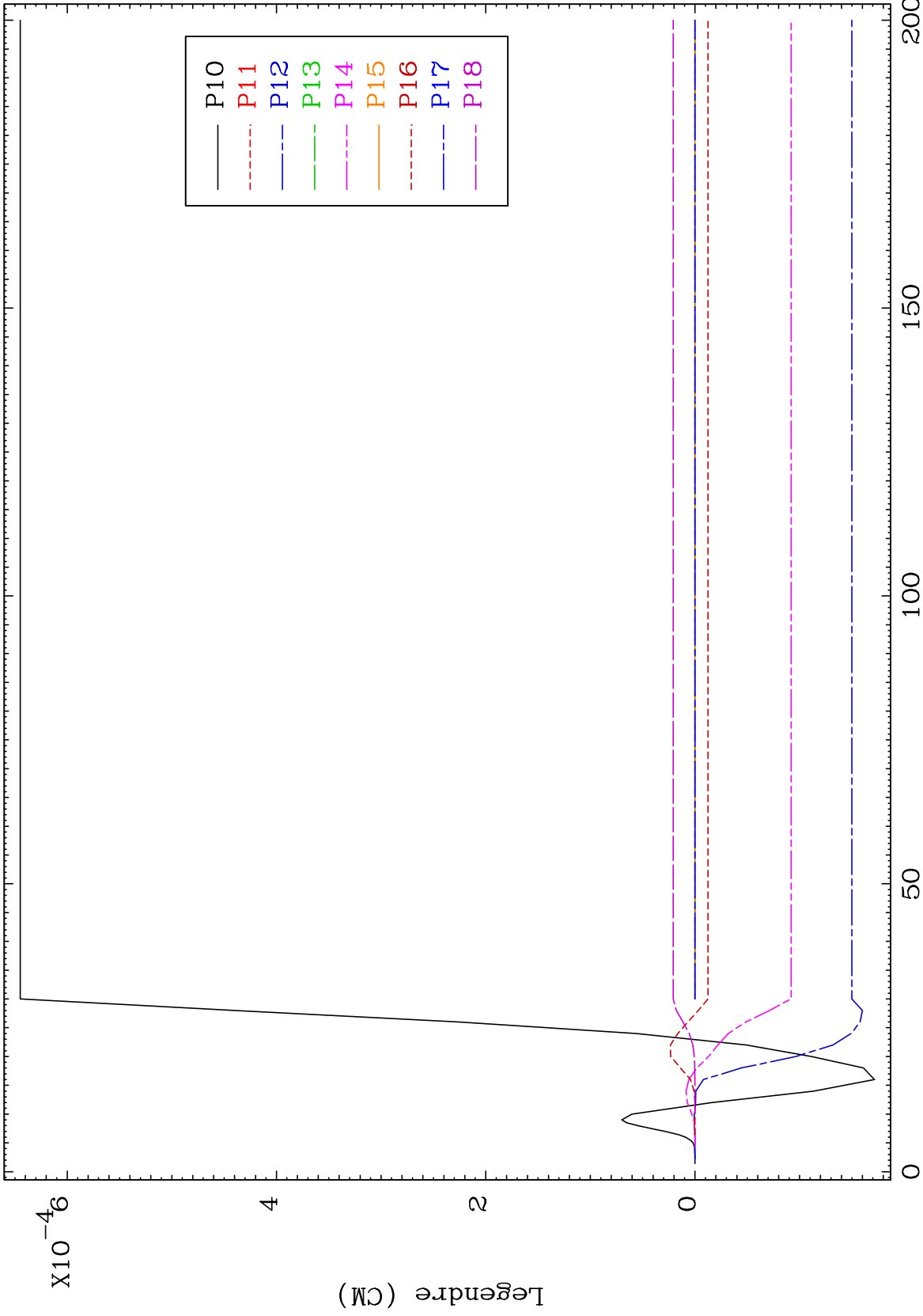


36

Incident Energy (MeV)

53-I -136

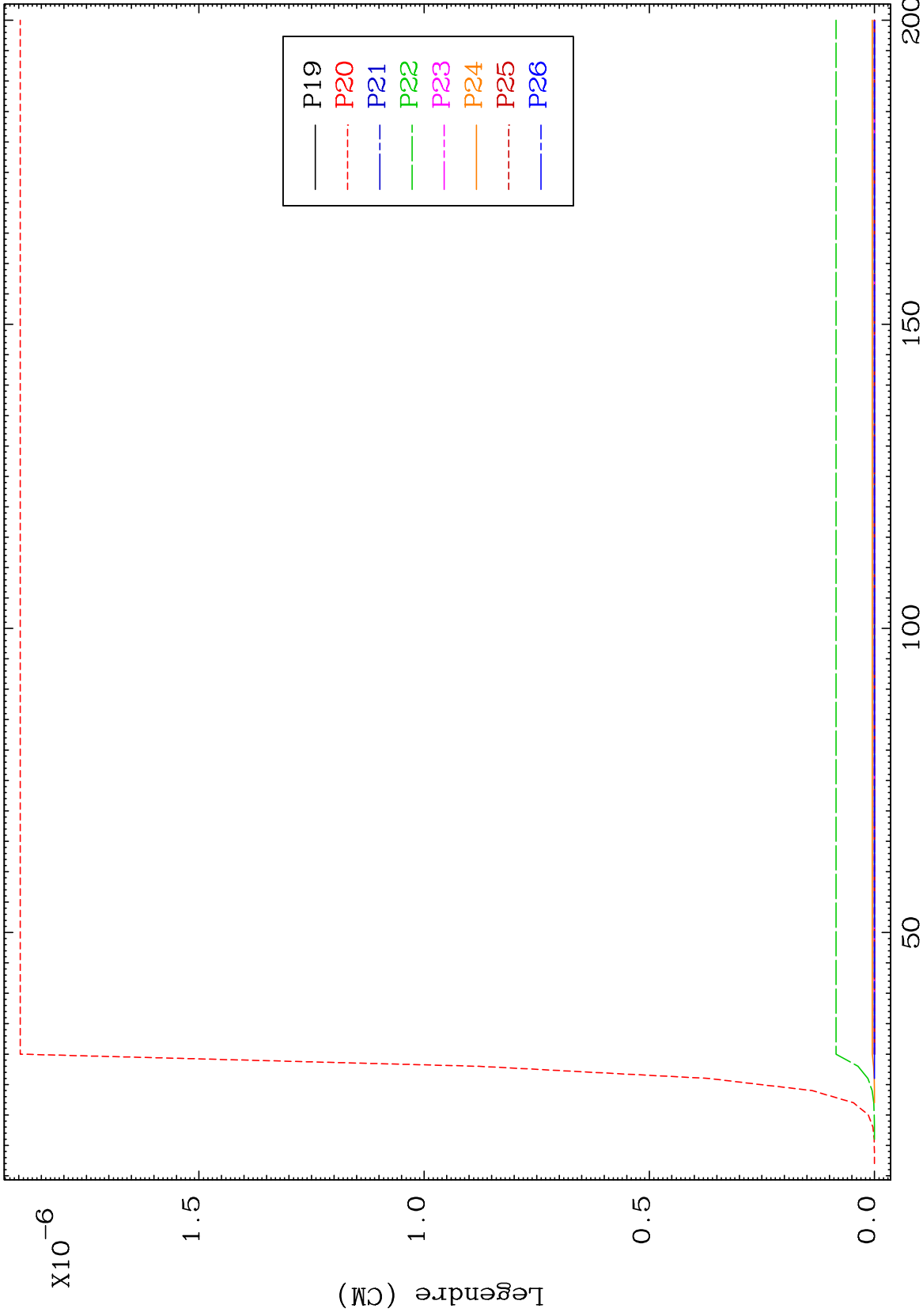




MAT 5352

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

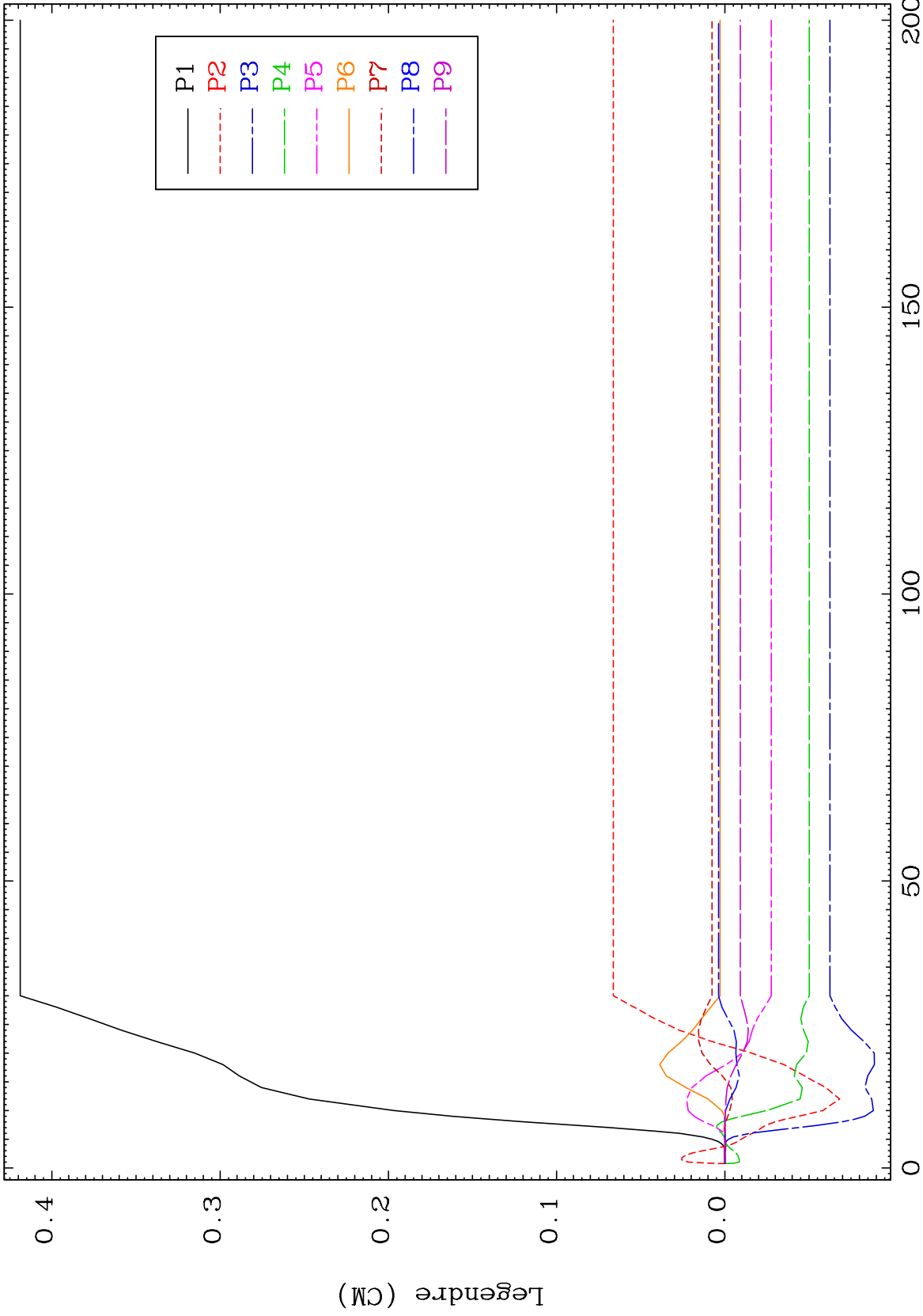
53-I -136



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Incident Energy (MeV)

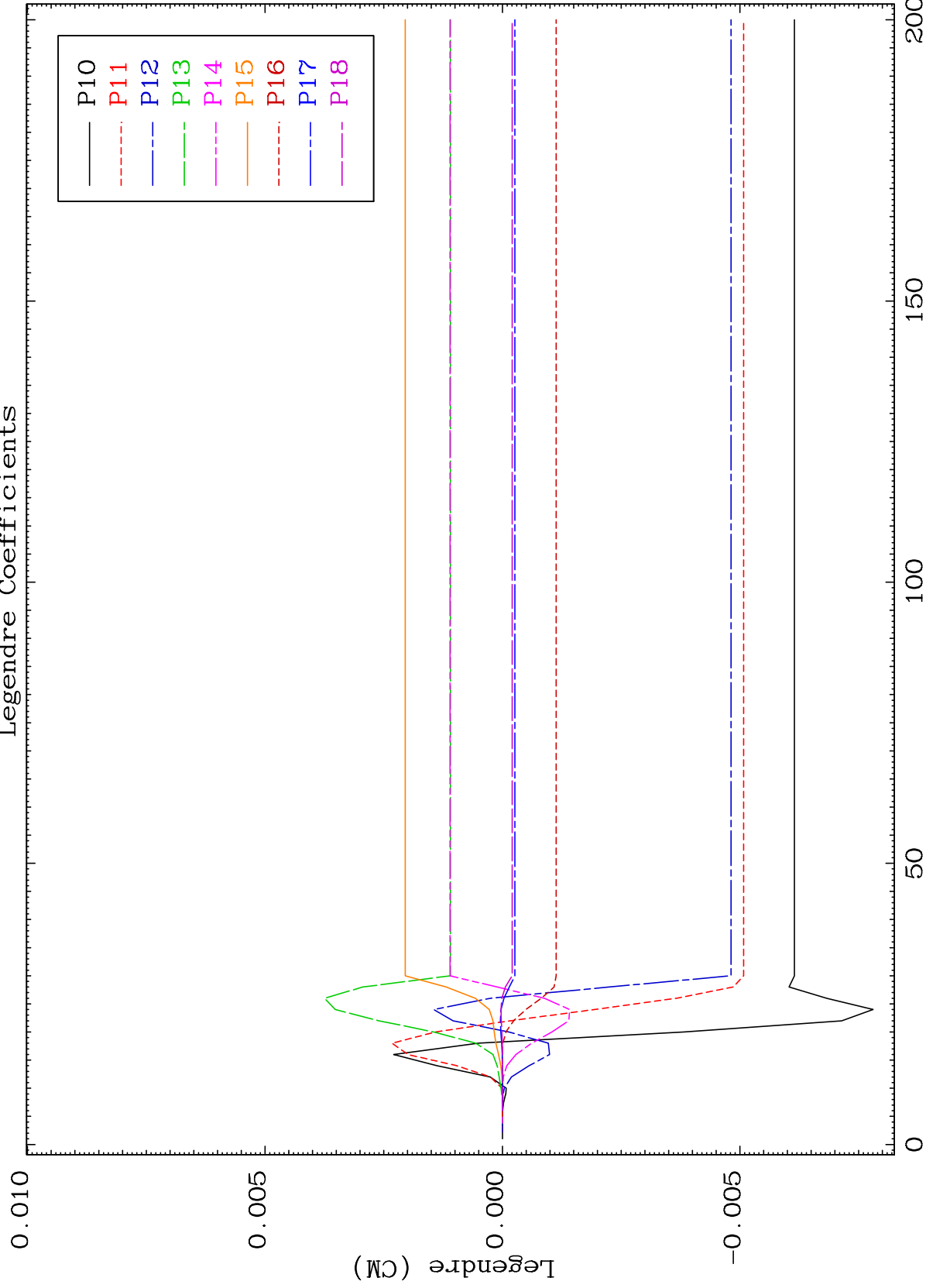
53-I -136



MAT 5352

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

53-I -136



41

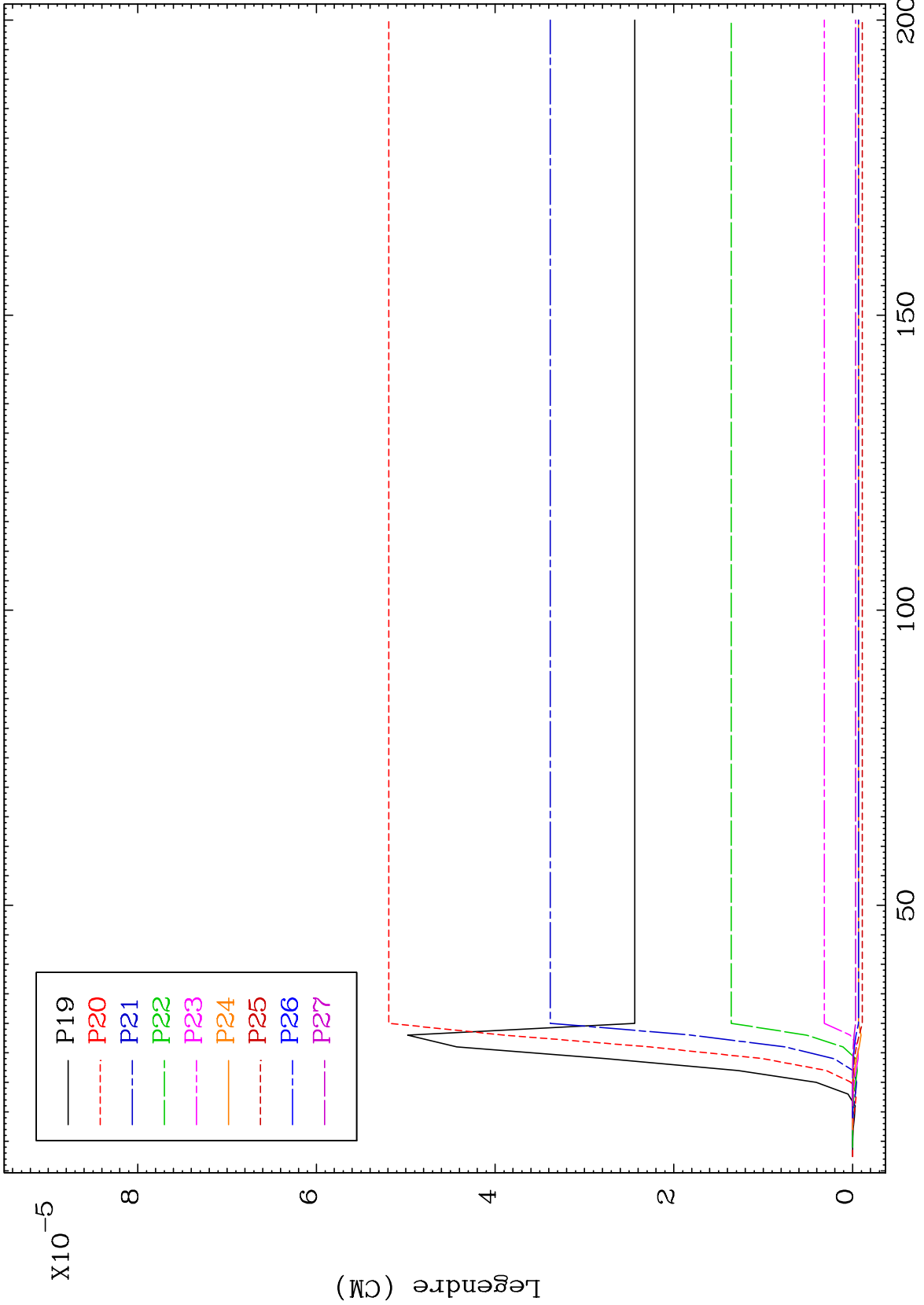
Incident Energy (MeV)

53-I -136

MAT 5352

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

53-I -136



42

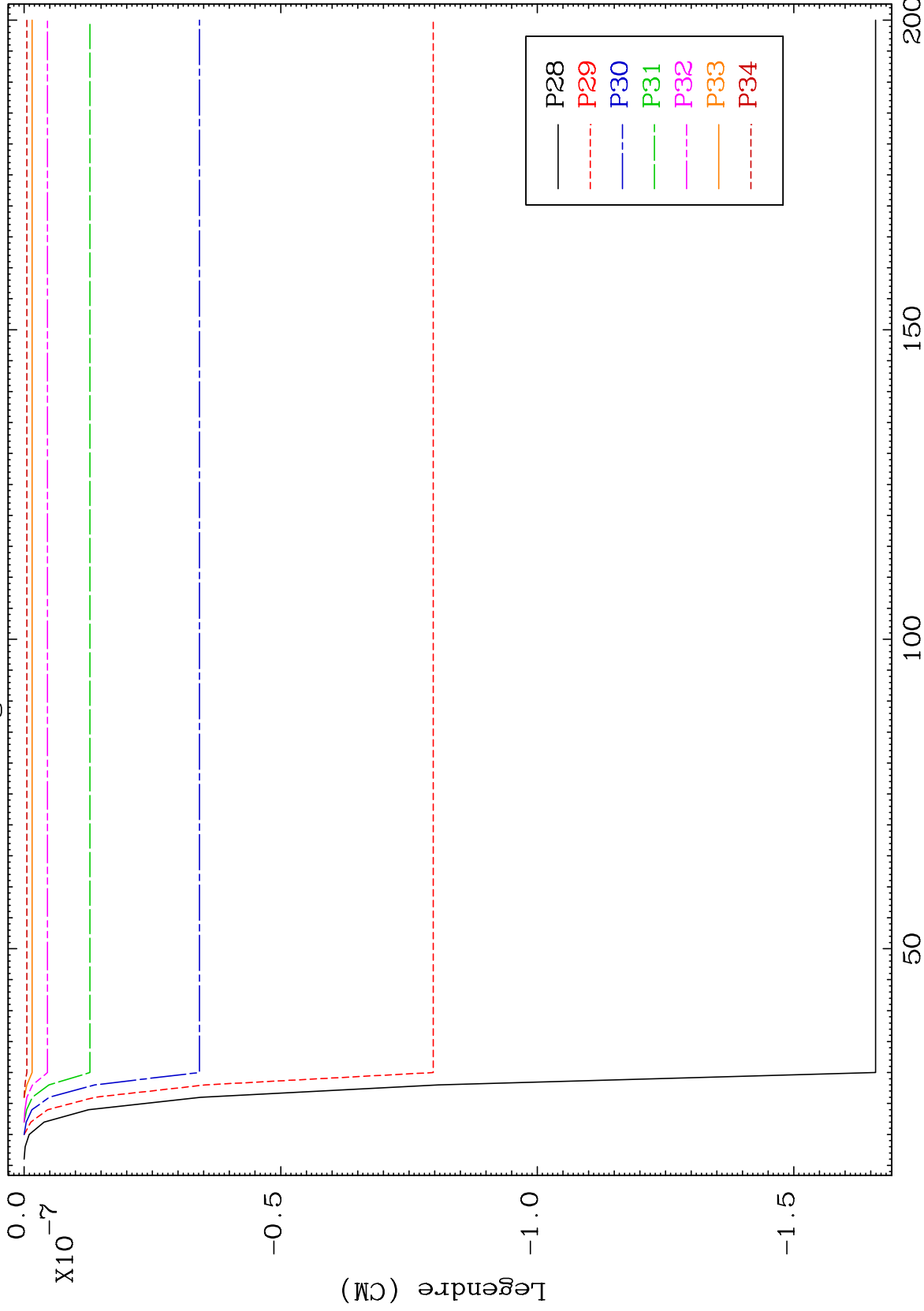
Incident Energy (MeV)

53-I -136

MAT 5352

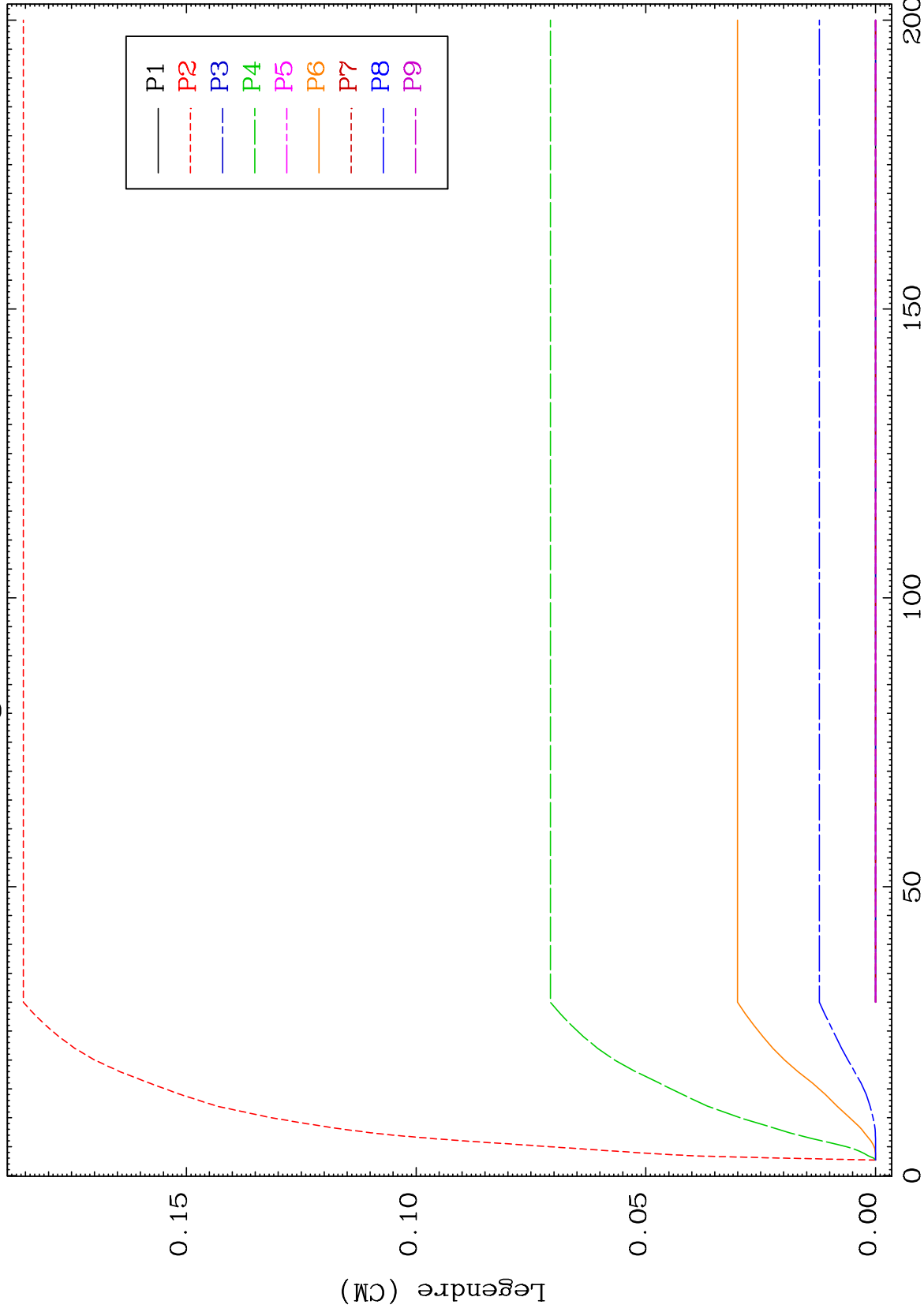
MT= 57 (n,n') Level
Legendre Coefficients

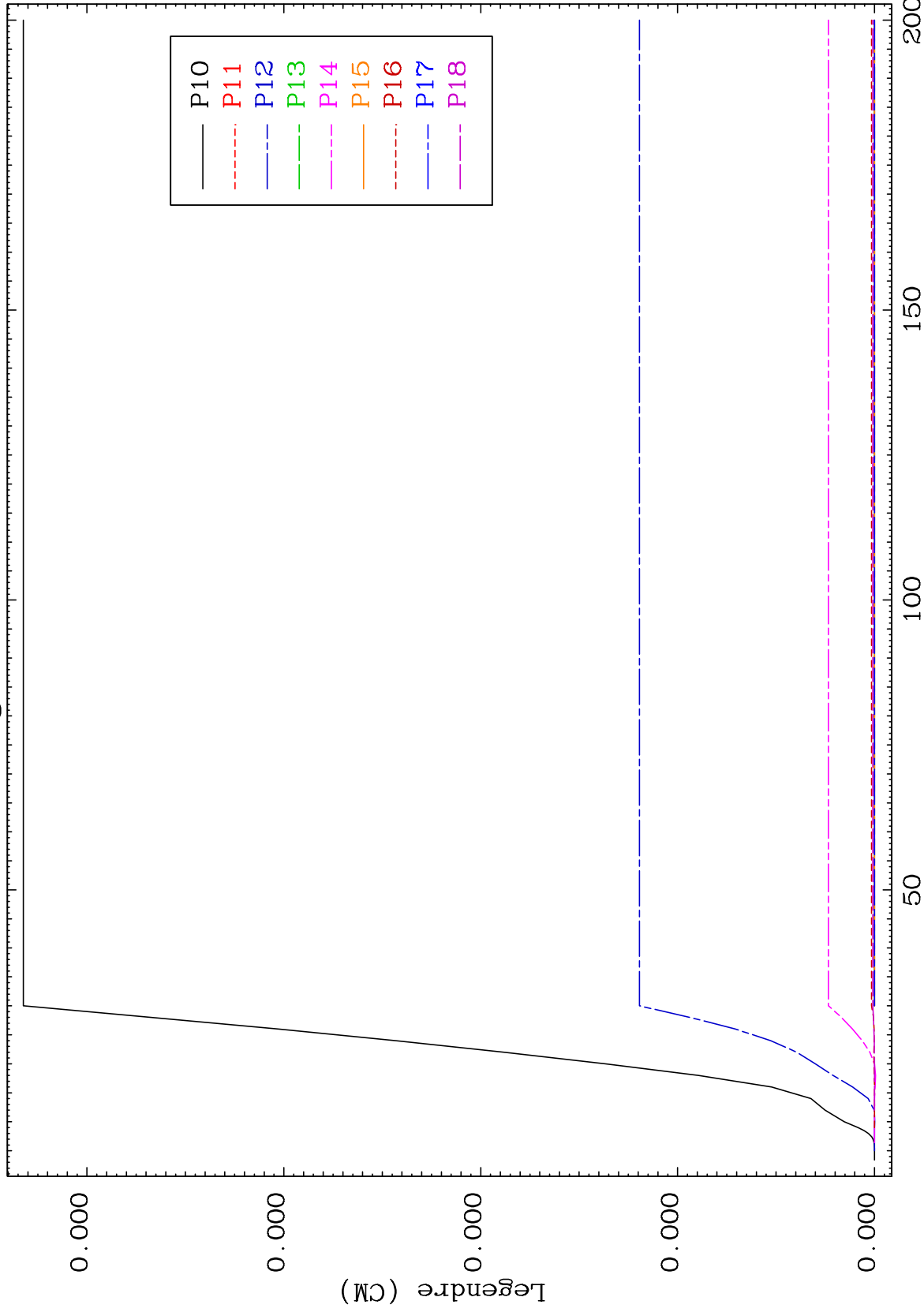
53-I -136



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53-I -136

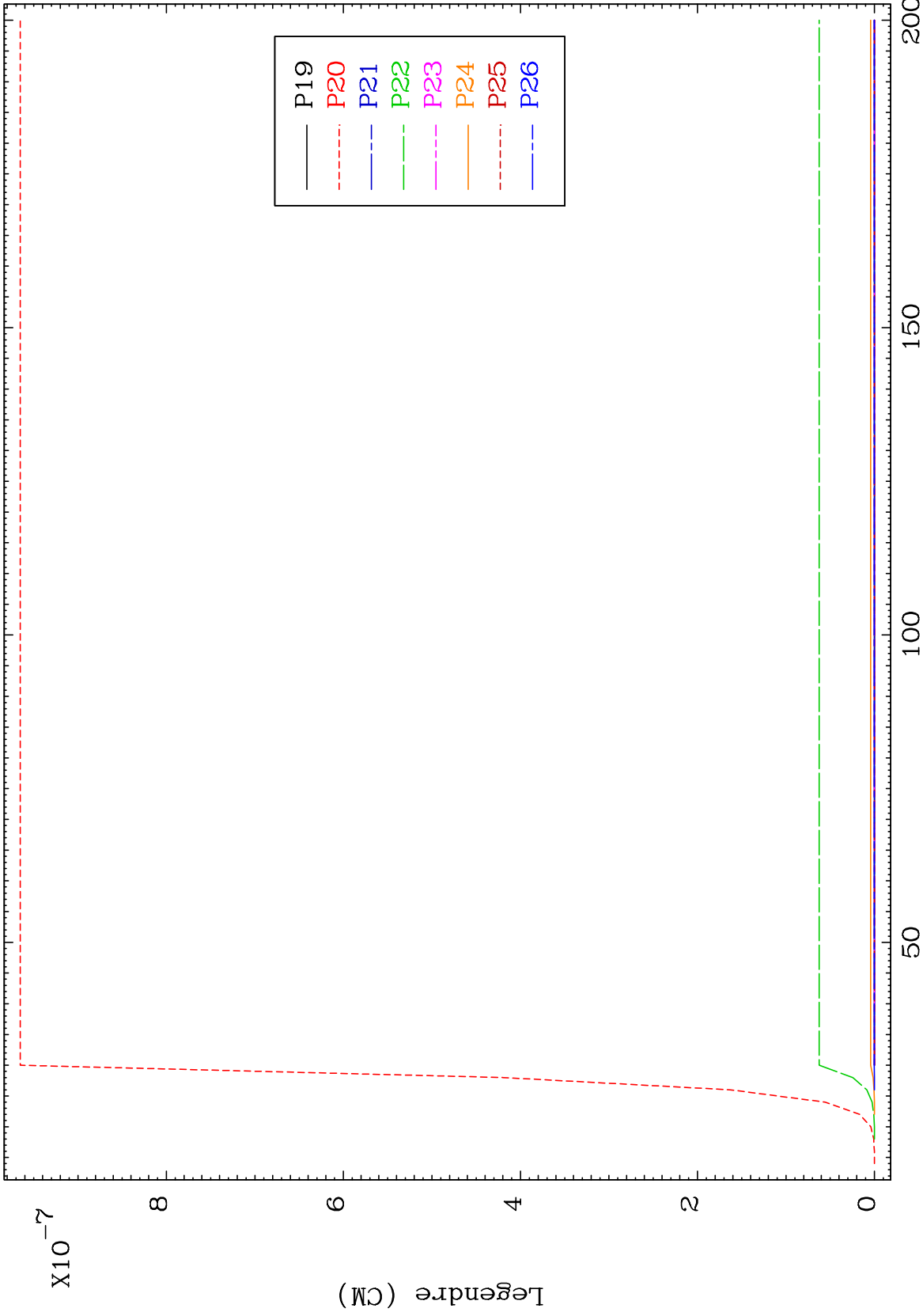




MAT 5352

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

53-I -136



46

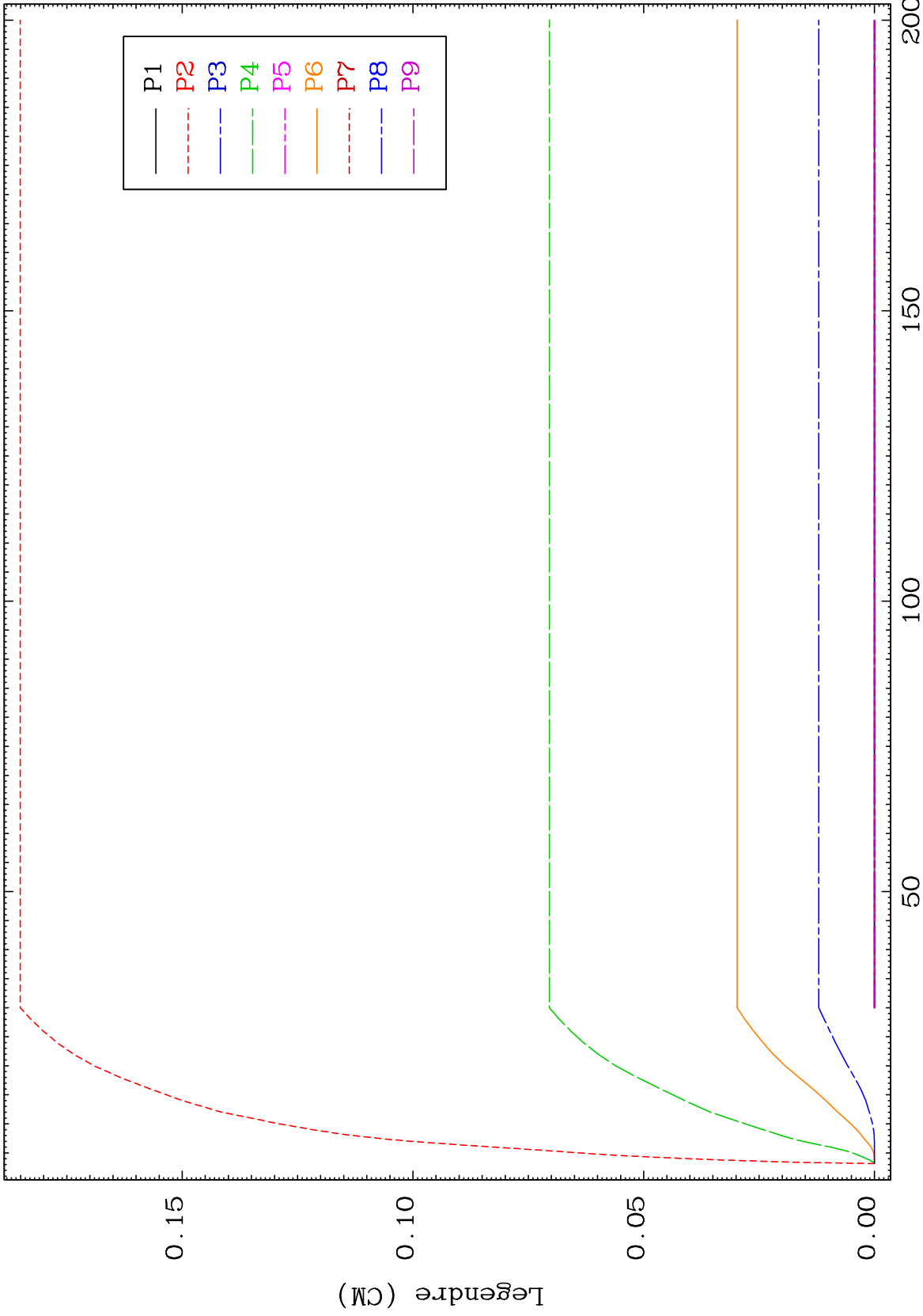
Incident Energy (MeV)

53-I -136

MAT 5352

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

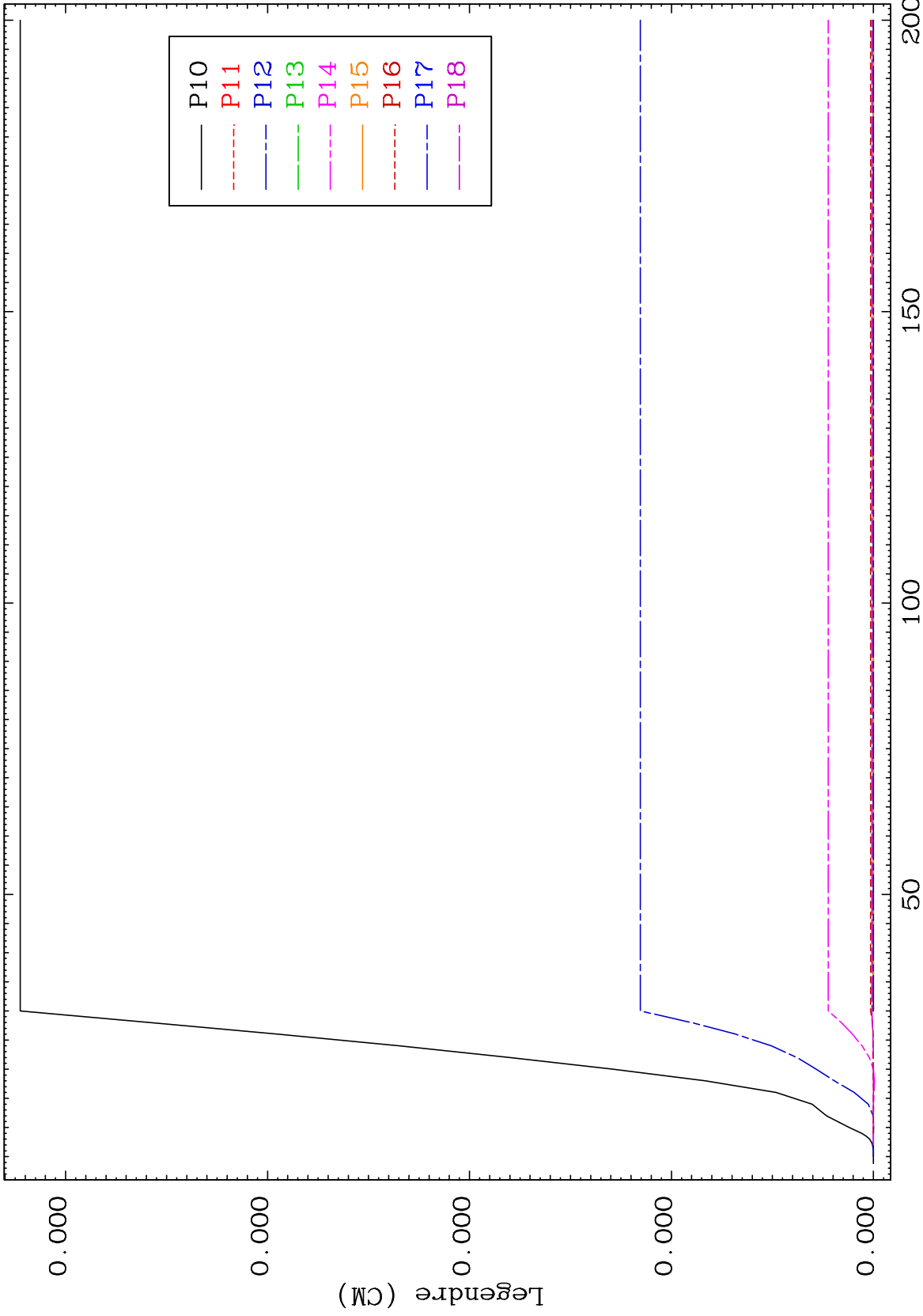
53-I -136



47

Incident Energy (MeV)

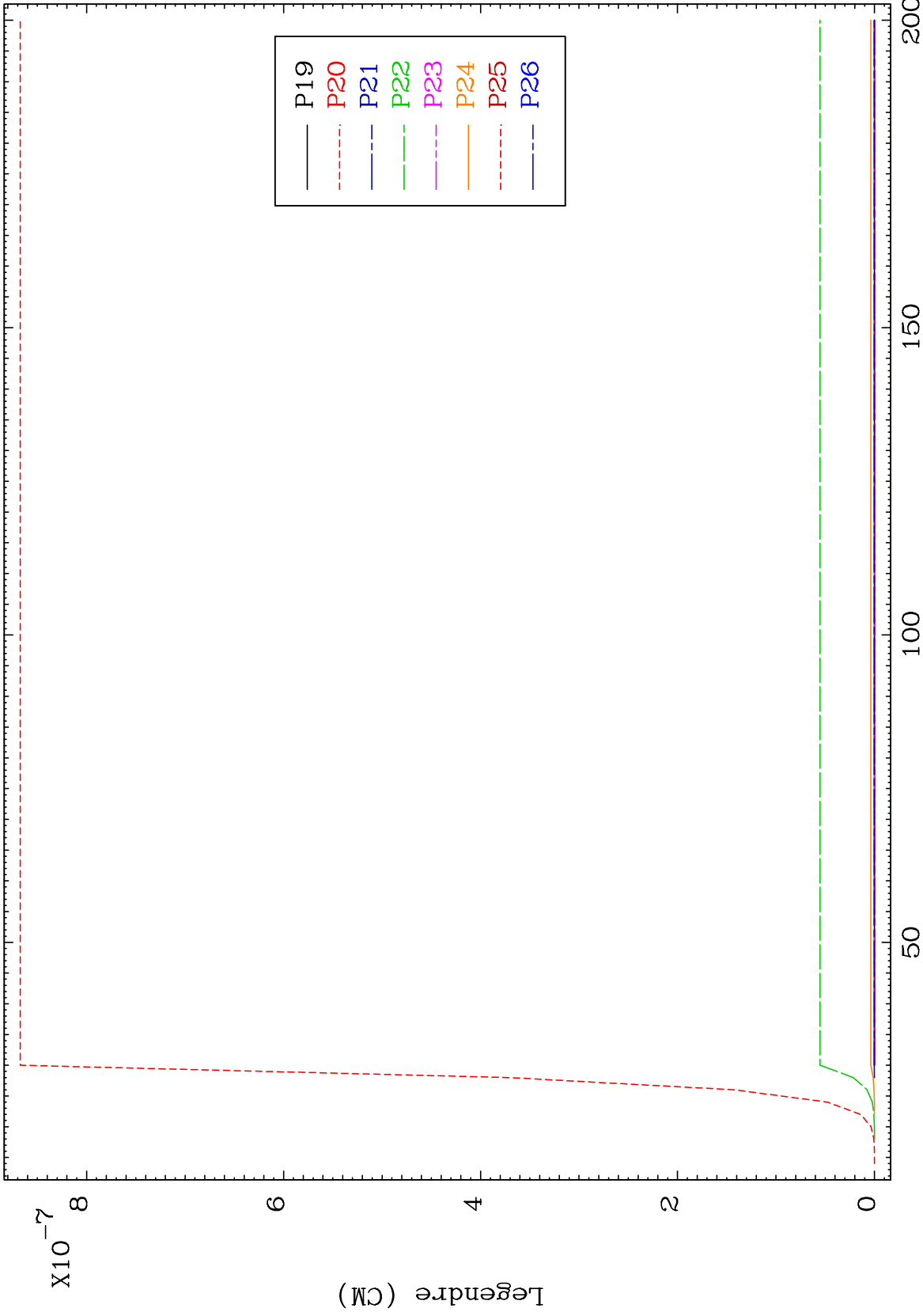
53-I -136



MAT 5352

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

53-I -136



49

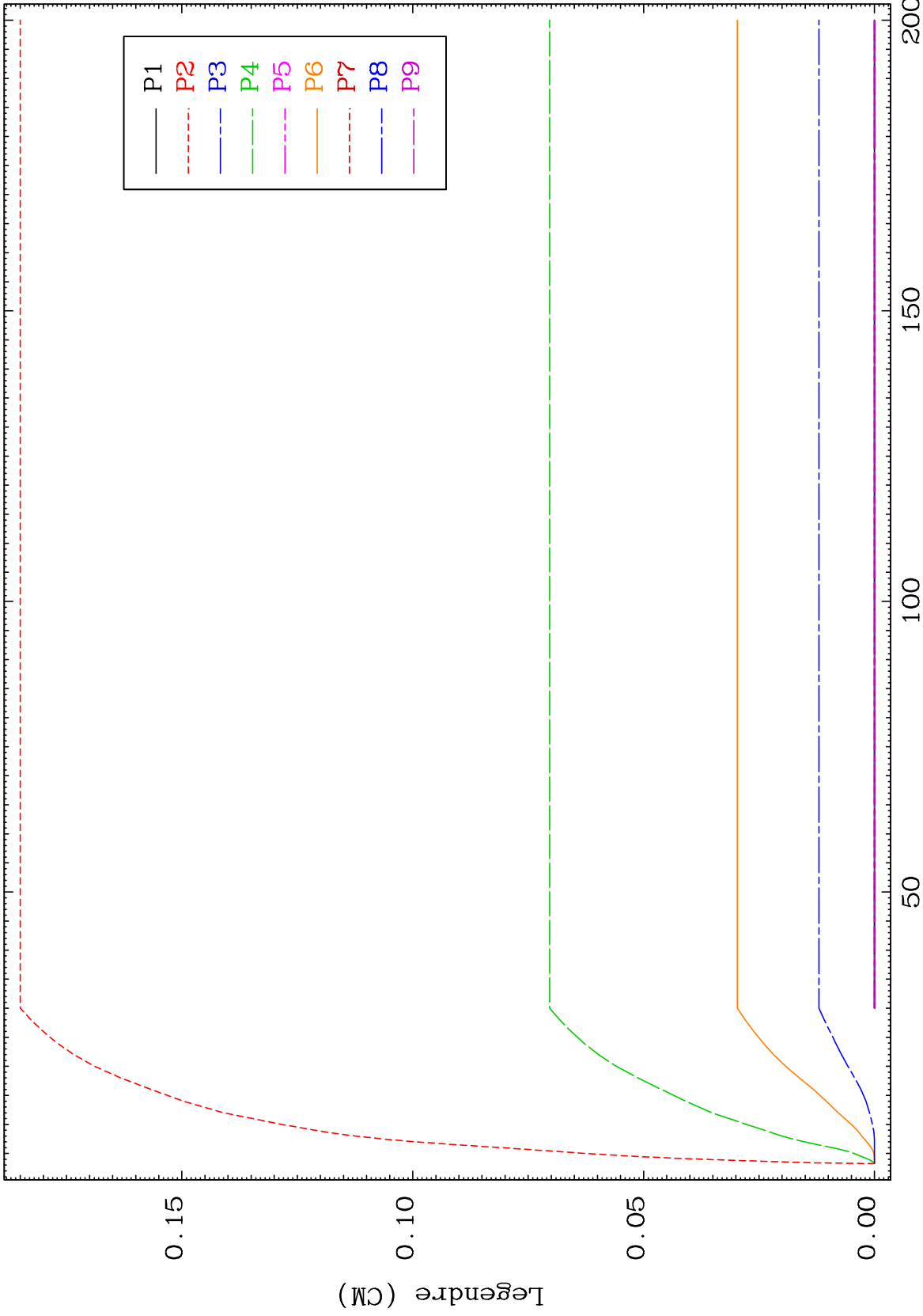
Incident Energy (MeV)

53-I -136

MAT 5352

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

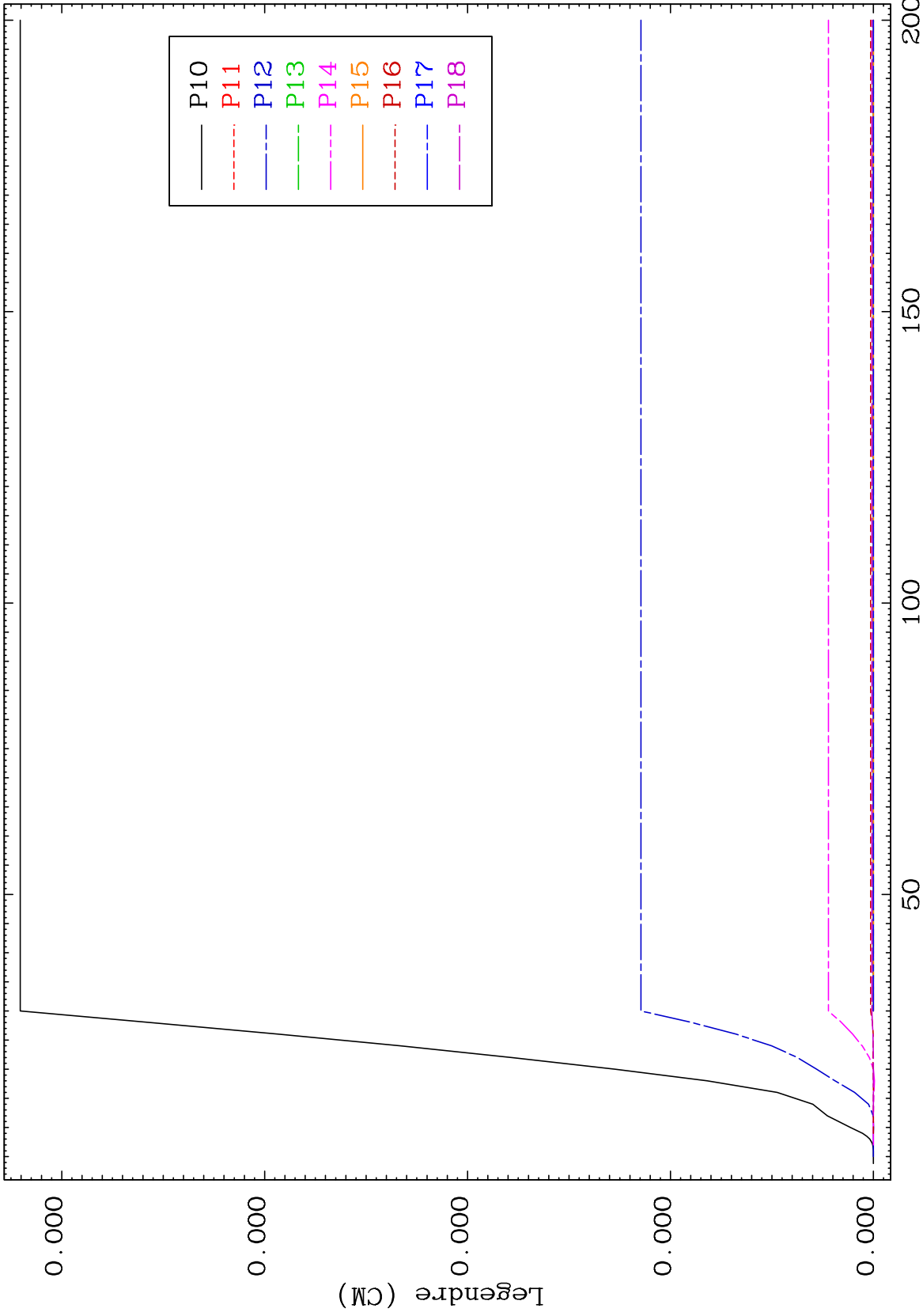
53-I -136



53-I -136

Incident Energy (MeV)

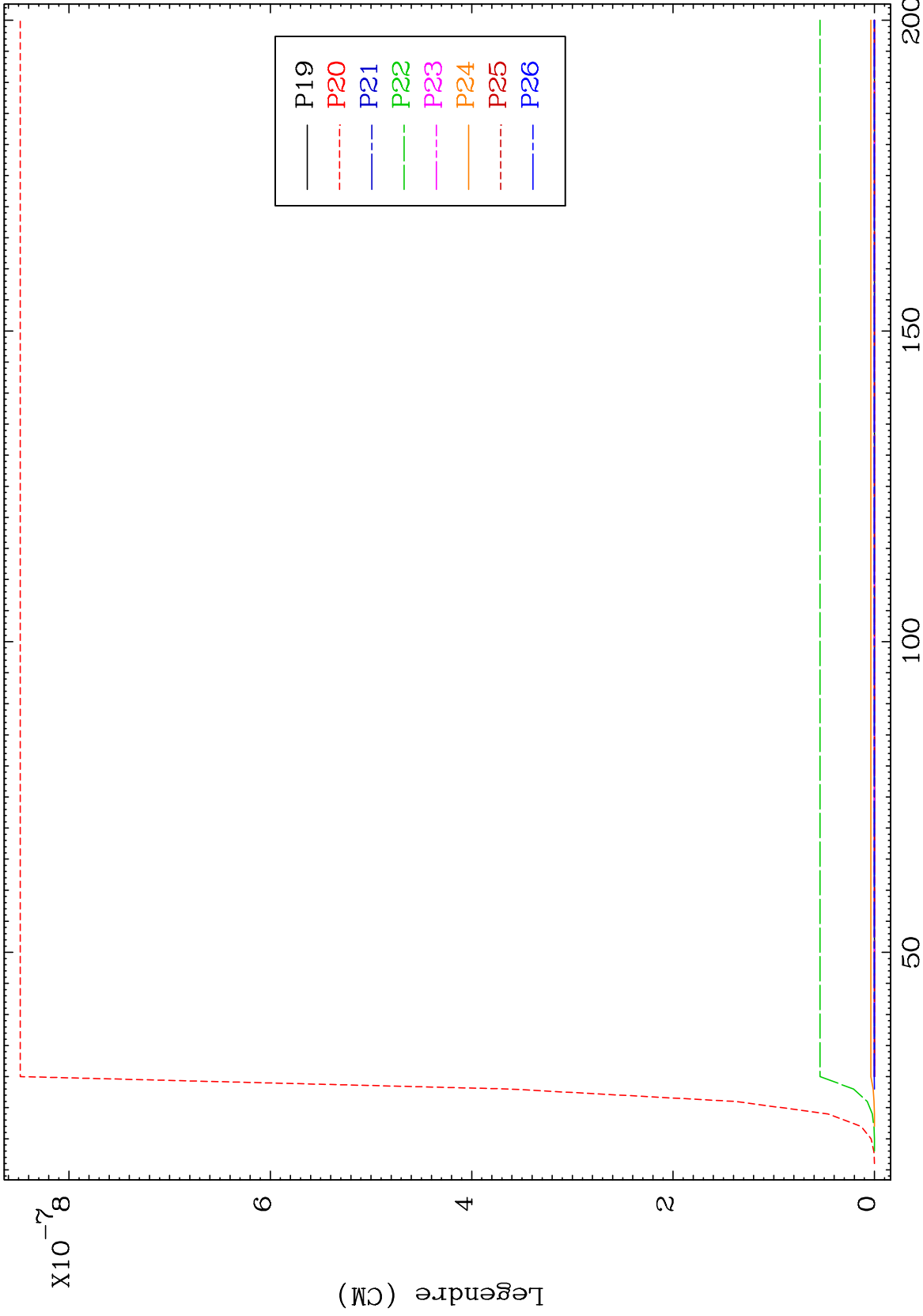
50



MAT 5352

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

53-I -136



52

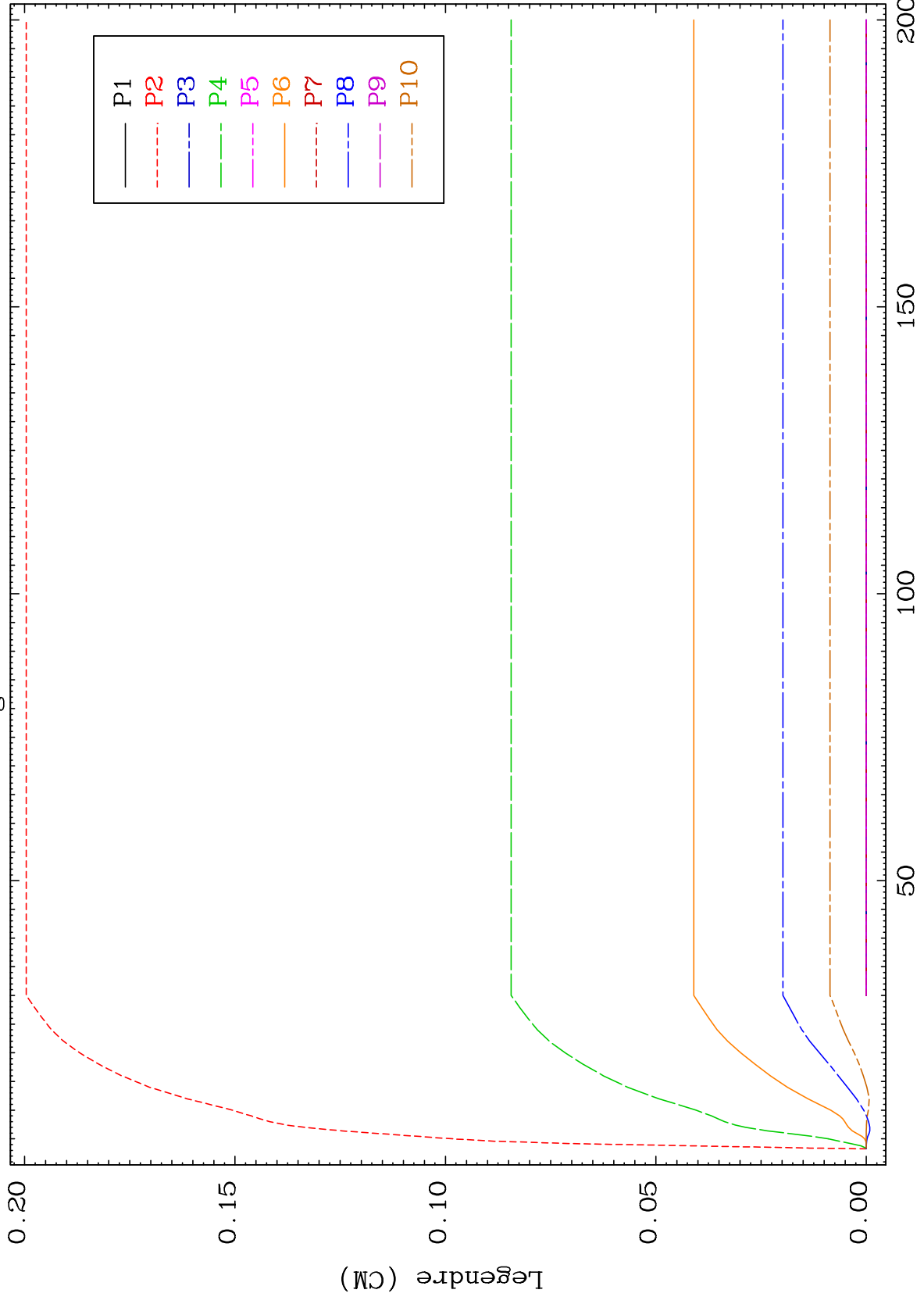
Incident Energy (MeV)

53-I -136

MAT 5352

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

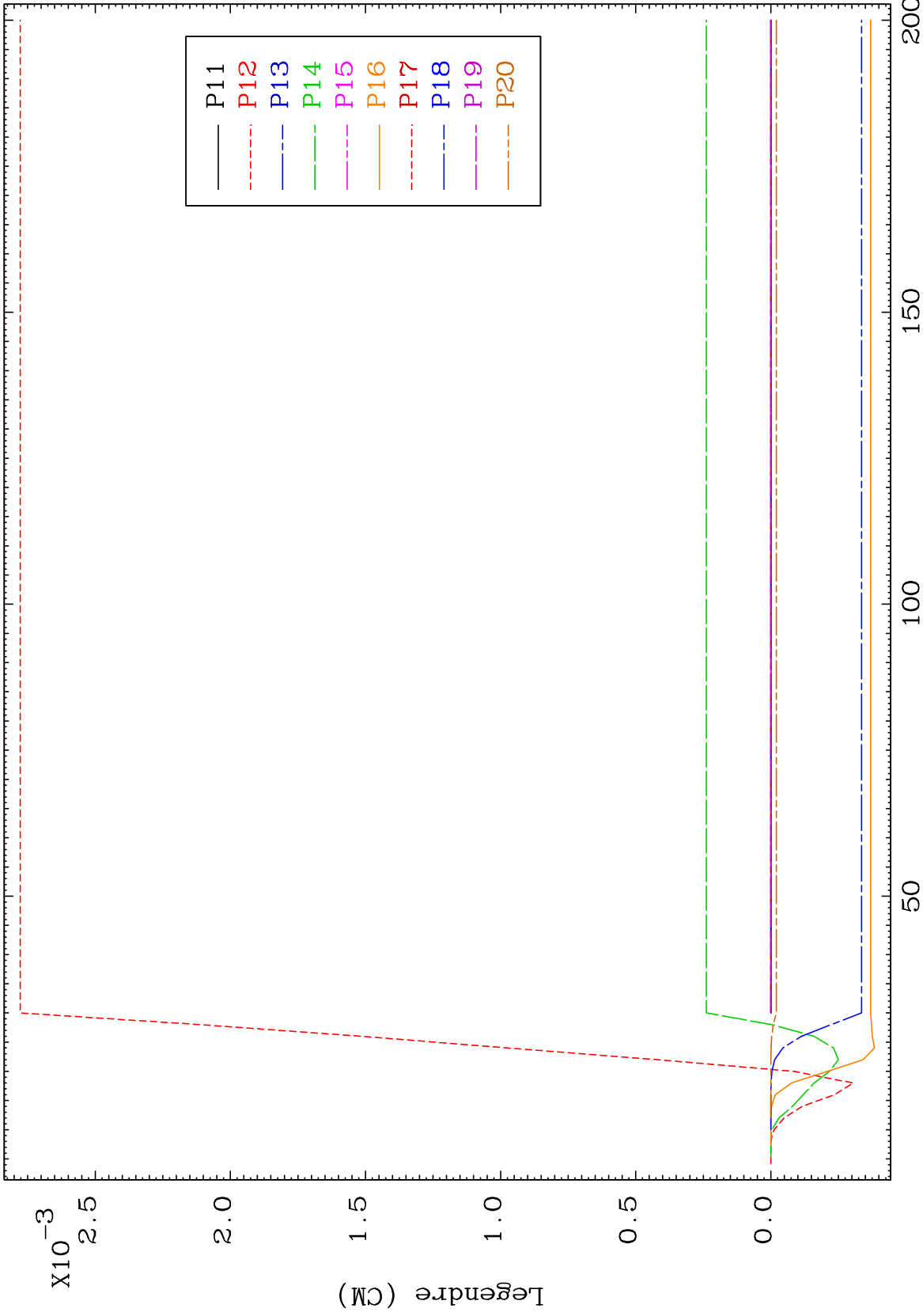
53-I -136



53

Incident Energy (MeV)

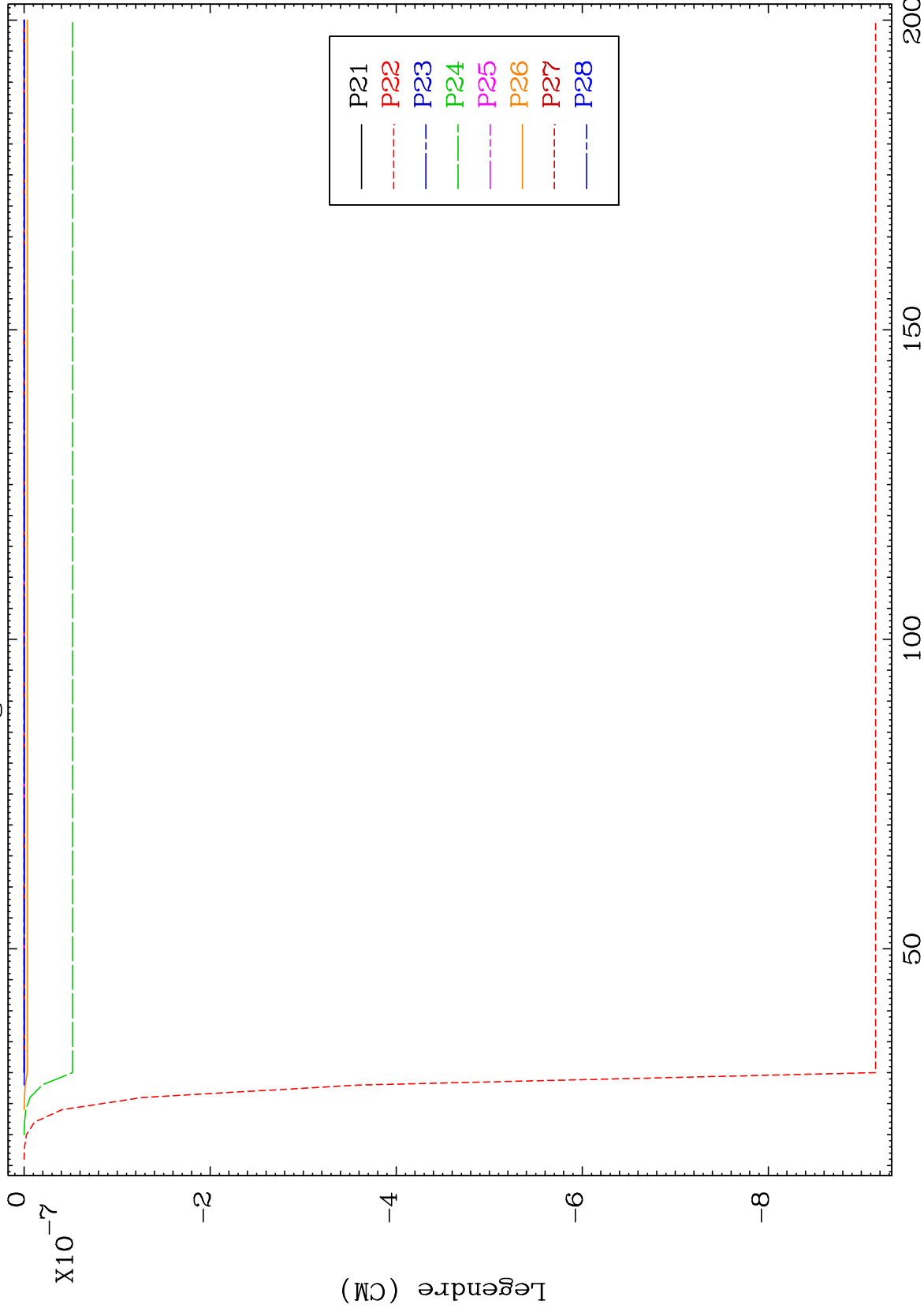
53-I -136



MAT 5352

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

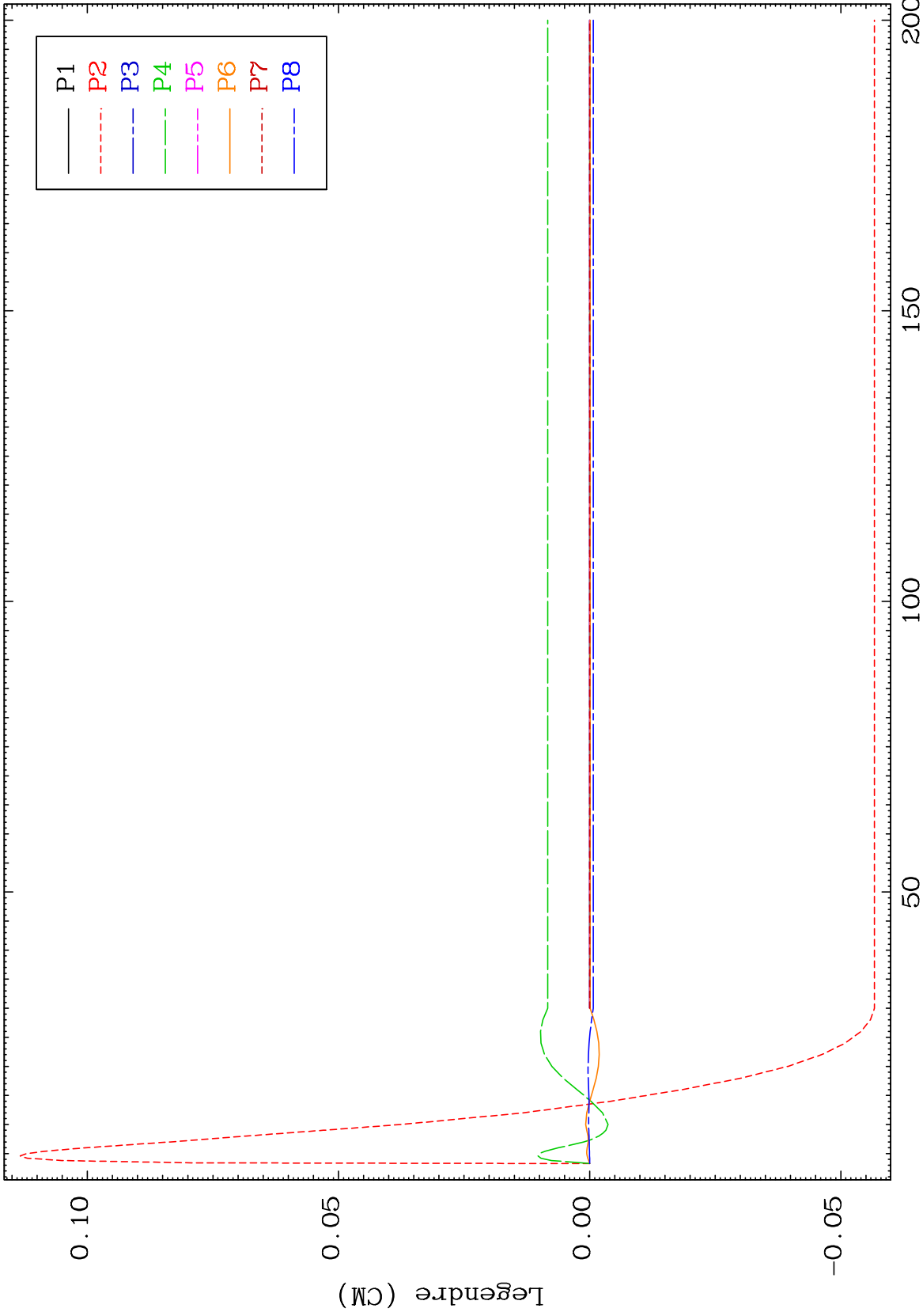
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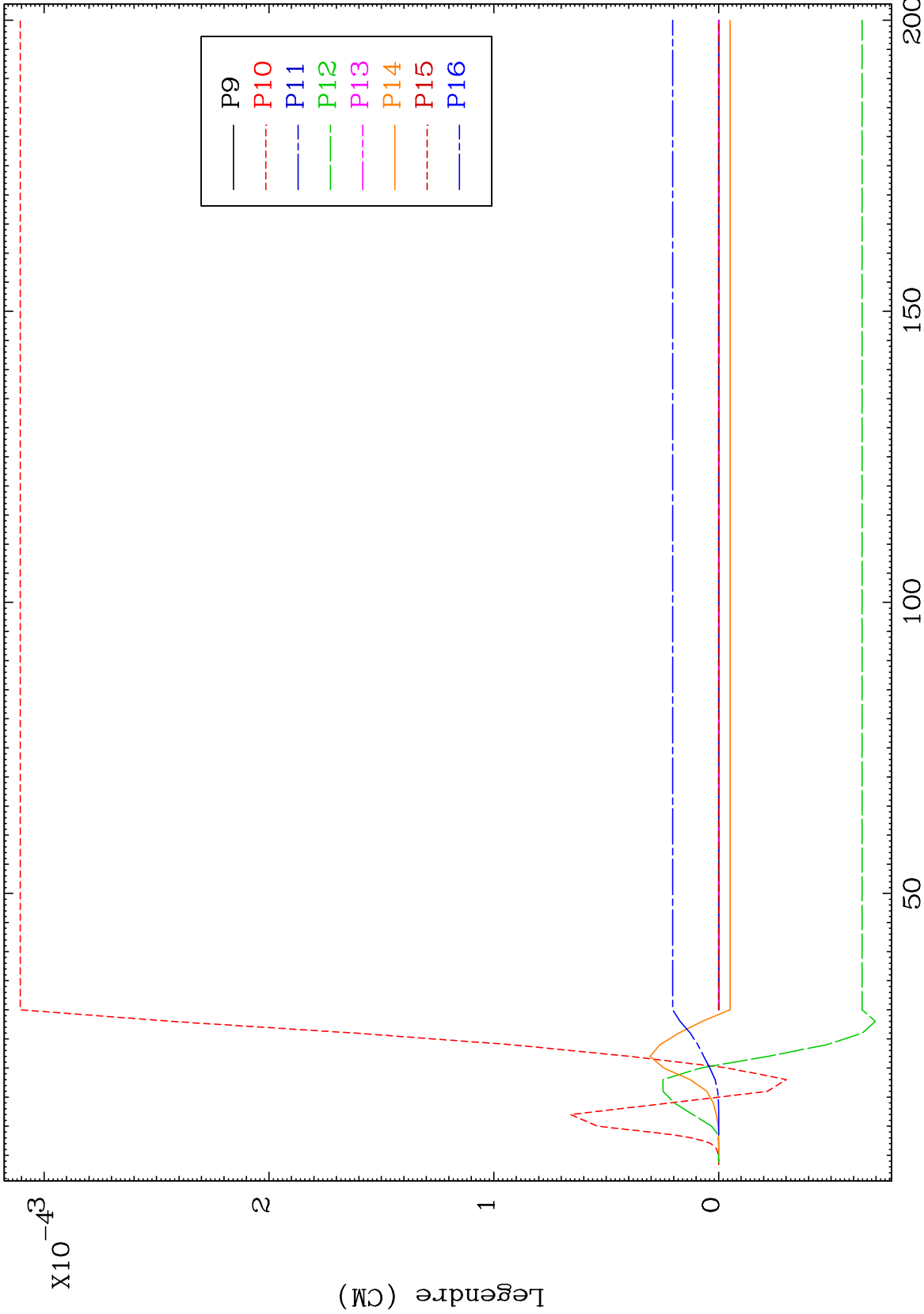


55

Incident Energy (MeV)

53-I -136

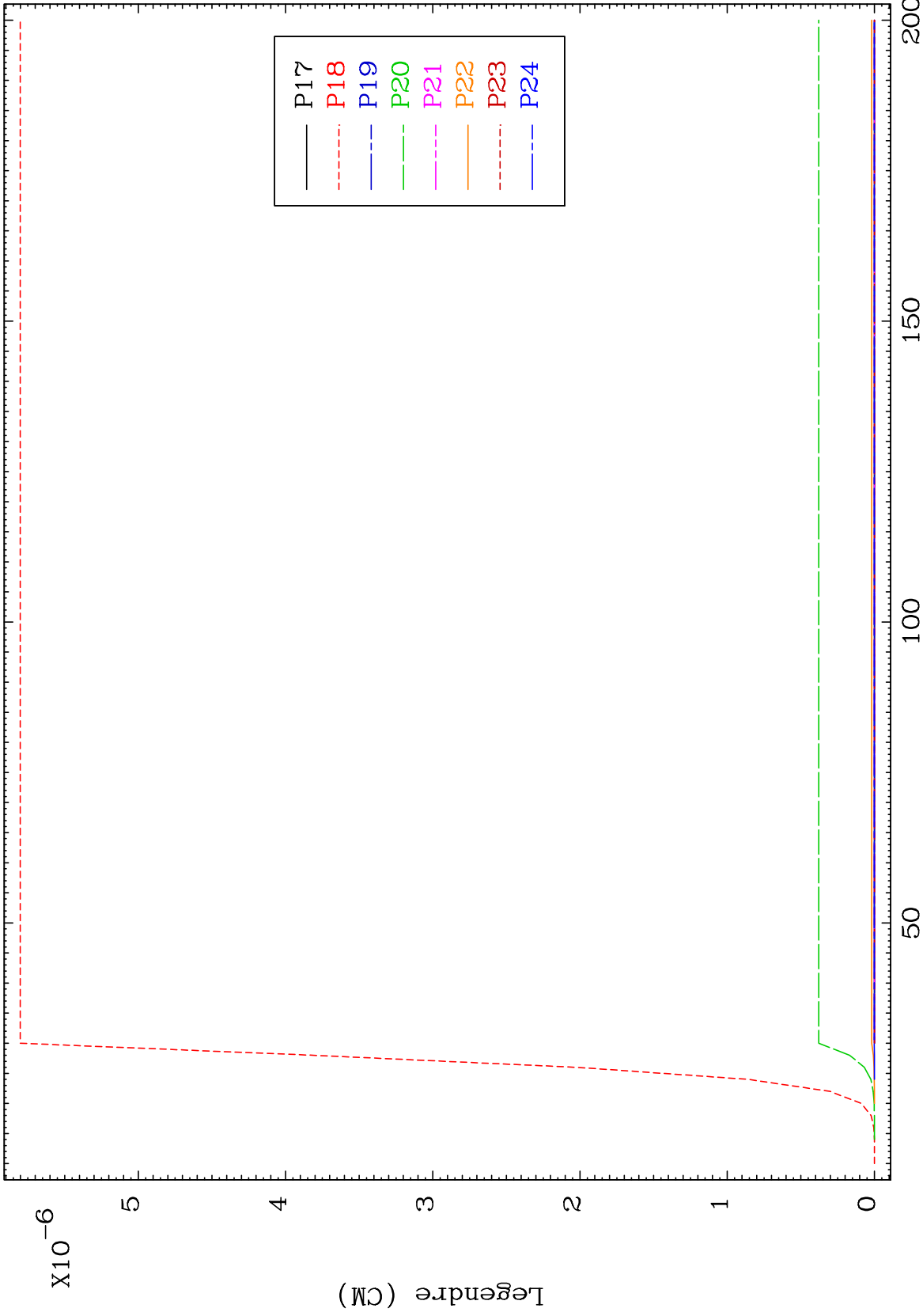




MAT 5352

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

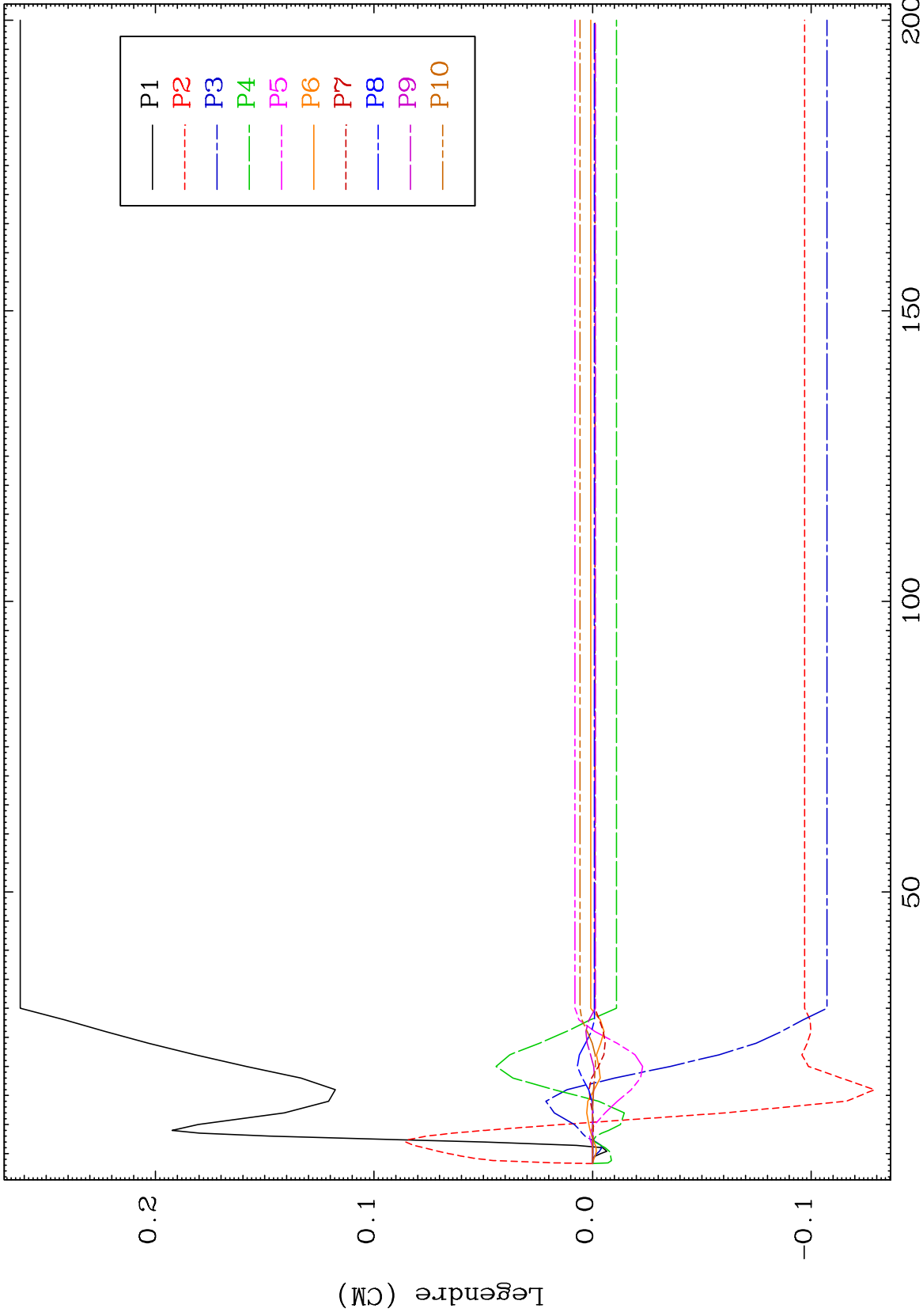
53-I -136



58

Incident Energy (MeV)

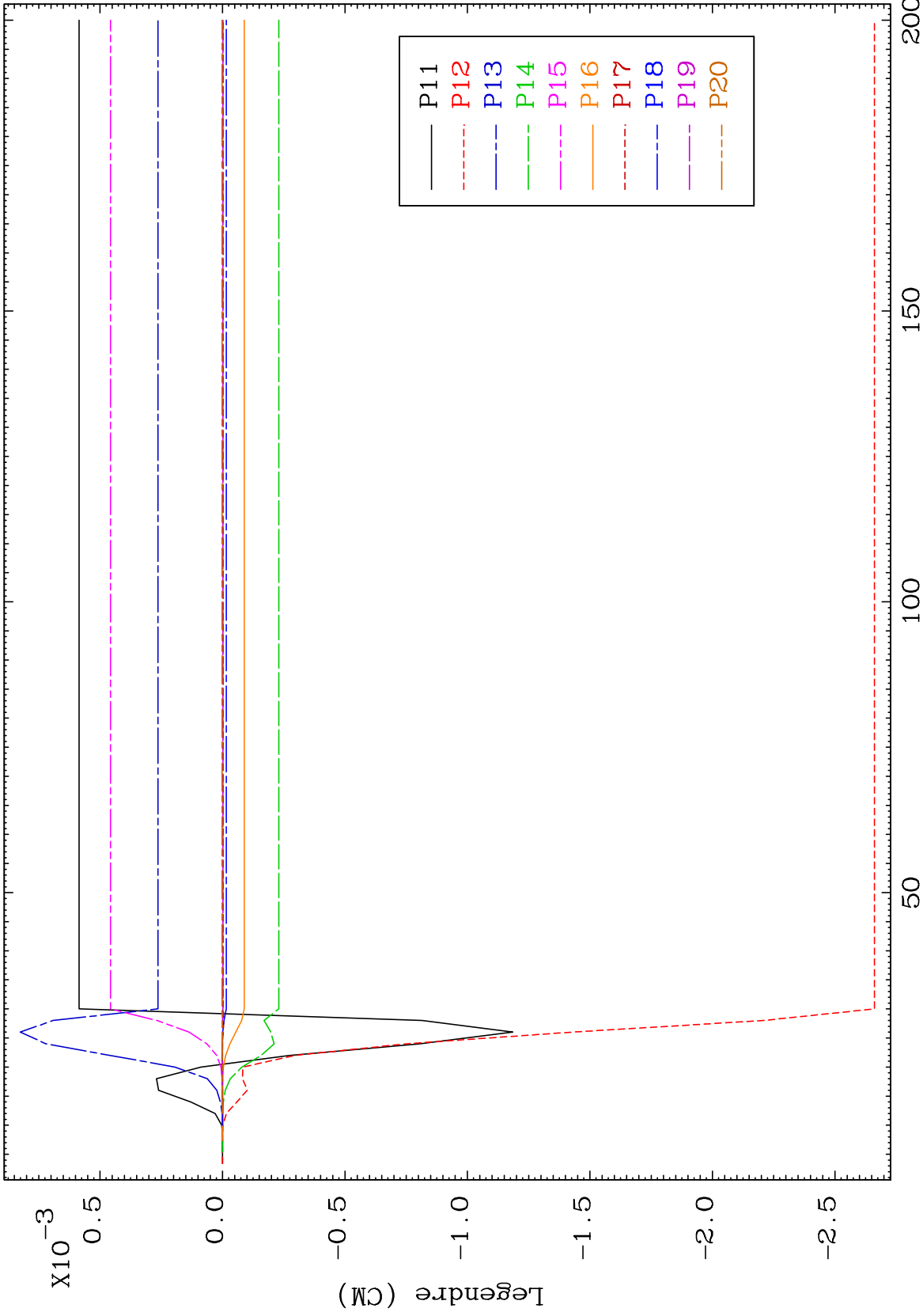
53-I -136



MAT 5352

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

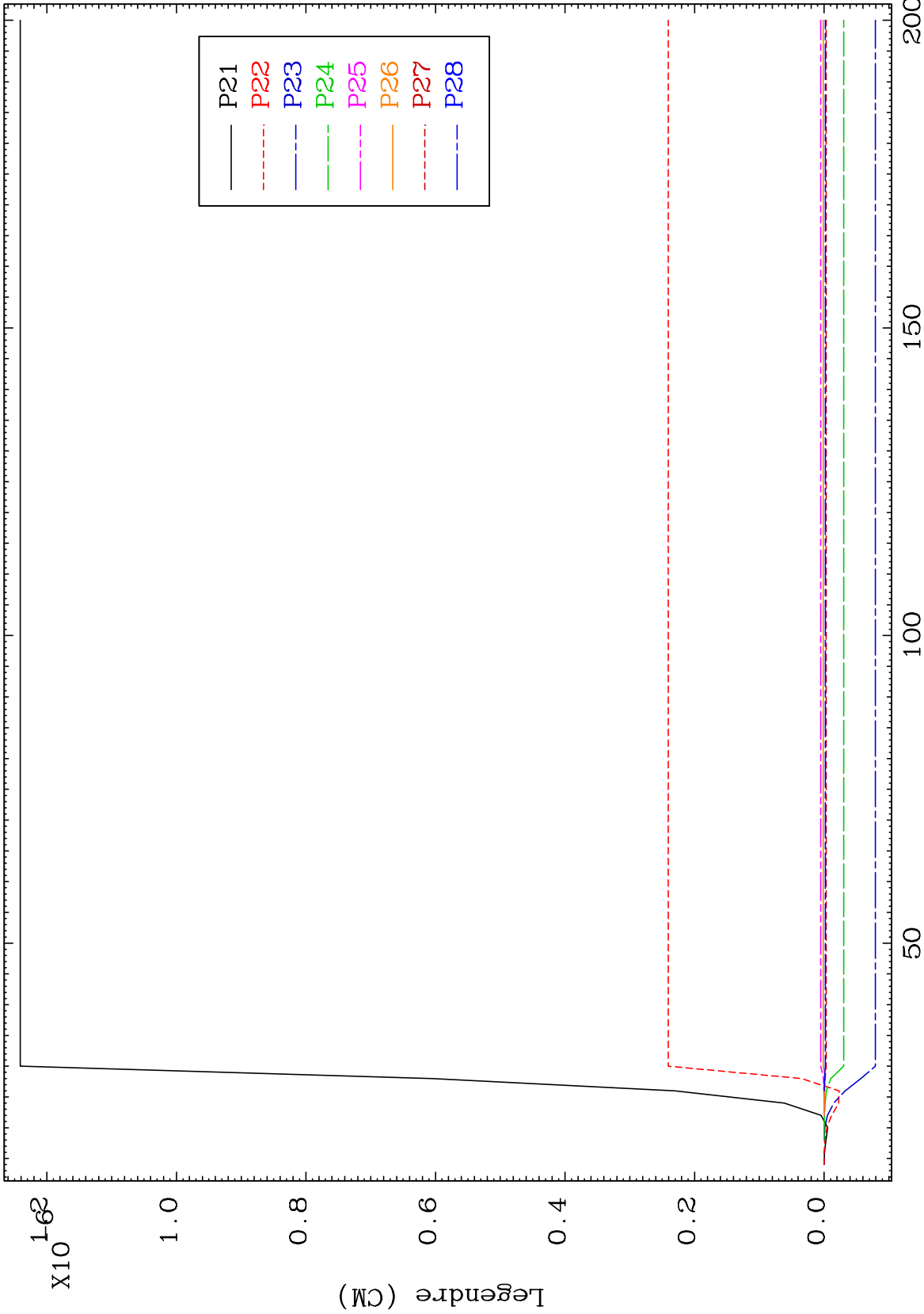
53-I -136

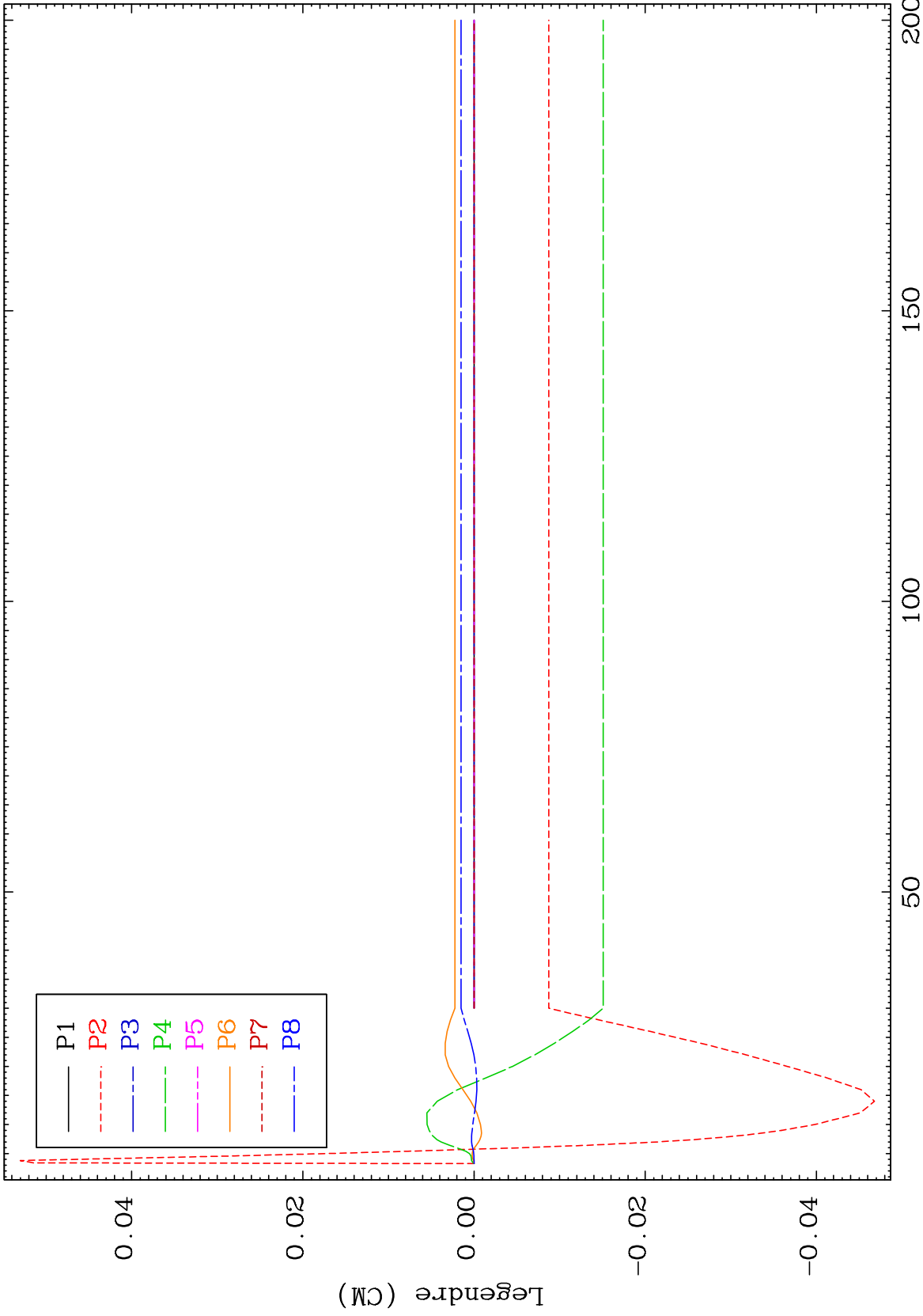


60

Incident Energy (MeV)

53-I -136

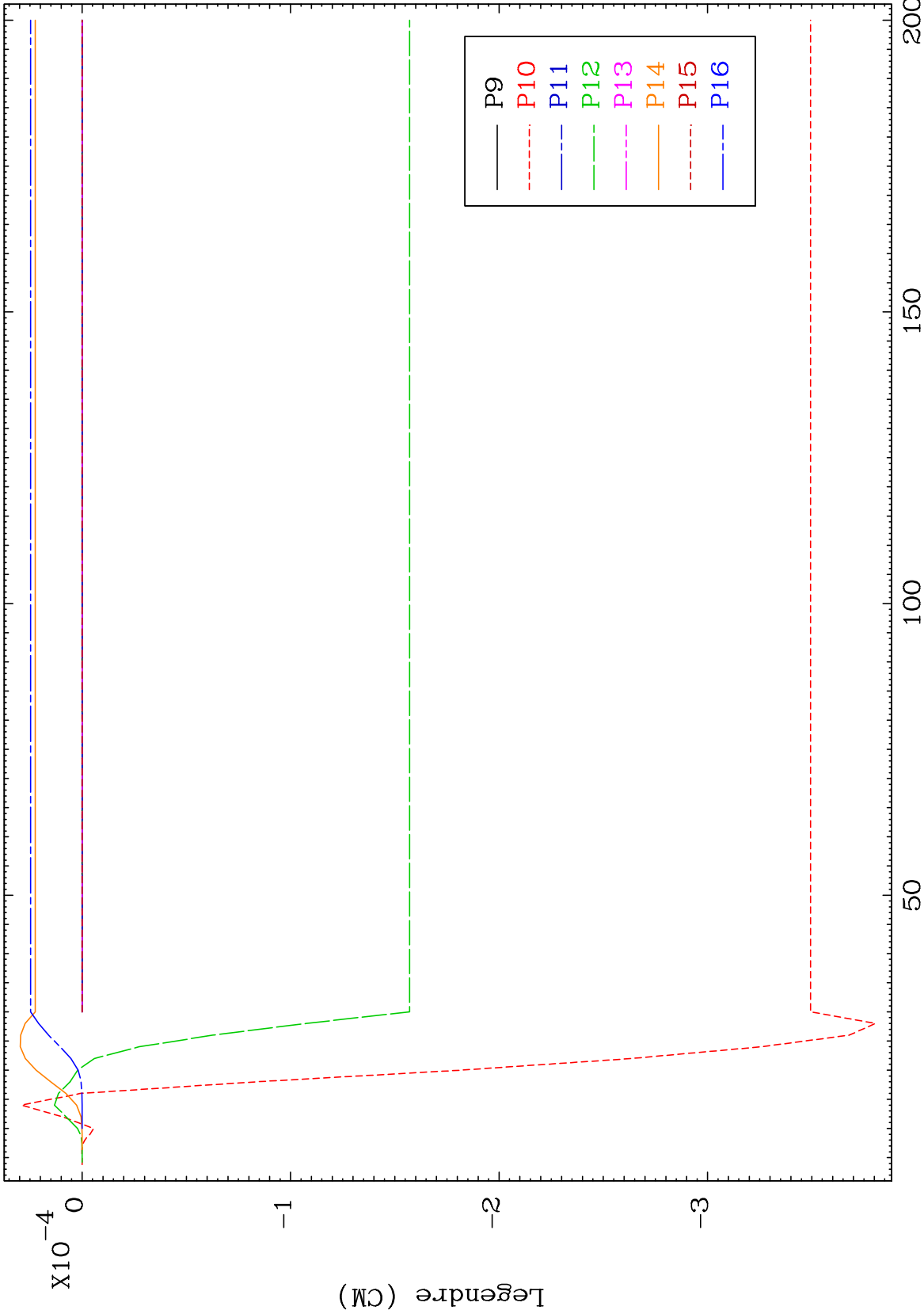




MAT 5352

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

53-I -136



63

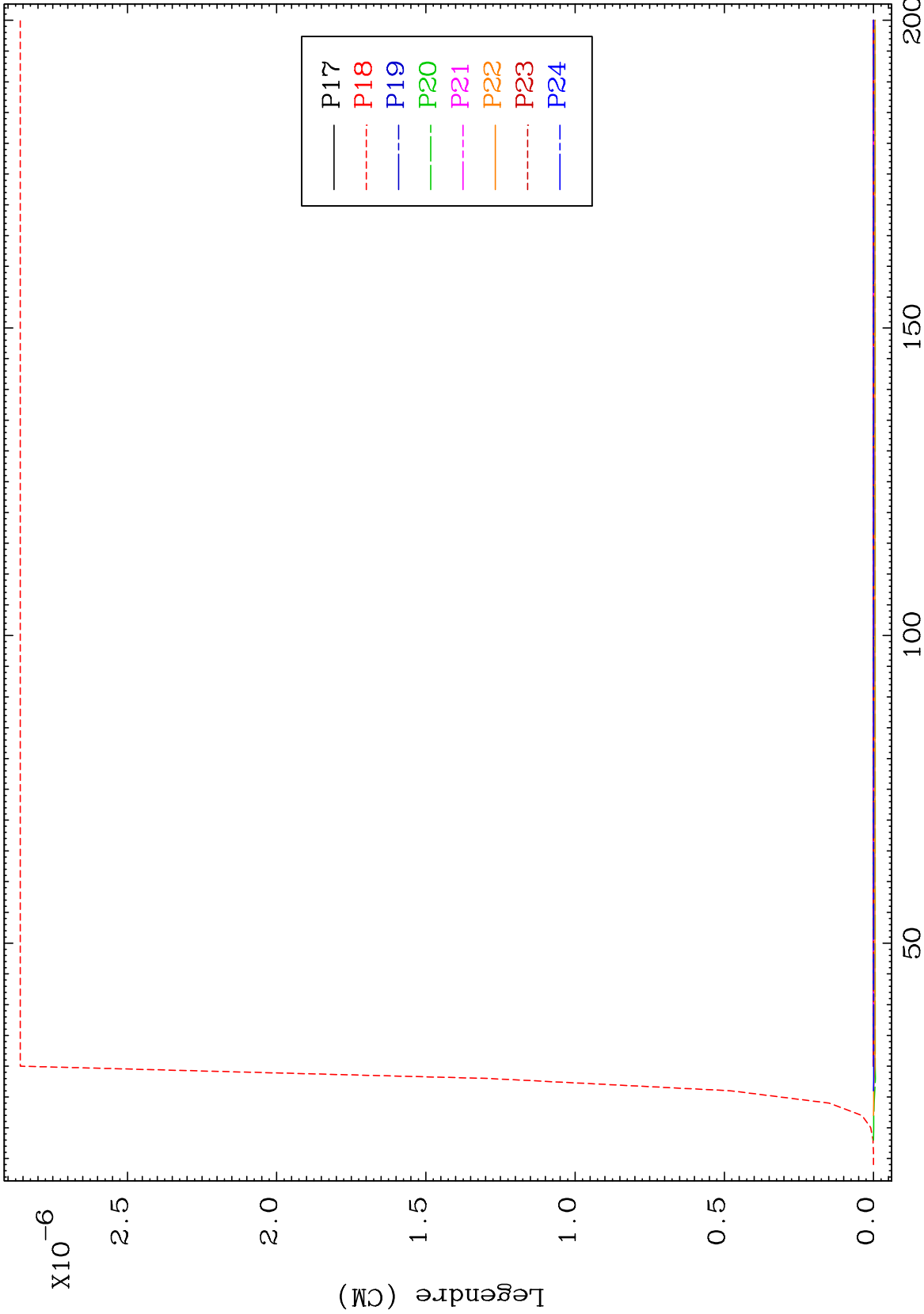
Incident Energy (MeV)

53-I -136

MAT 5352

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

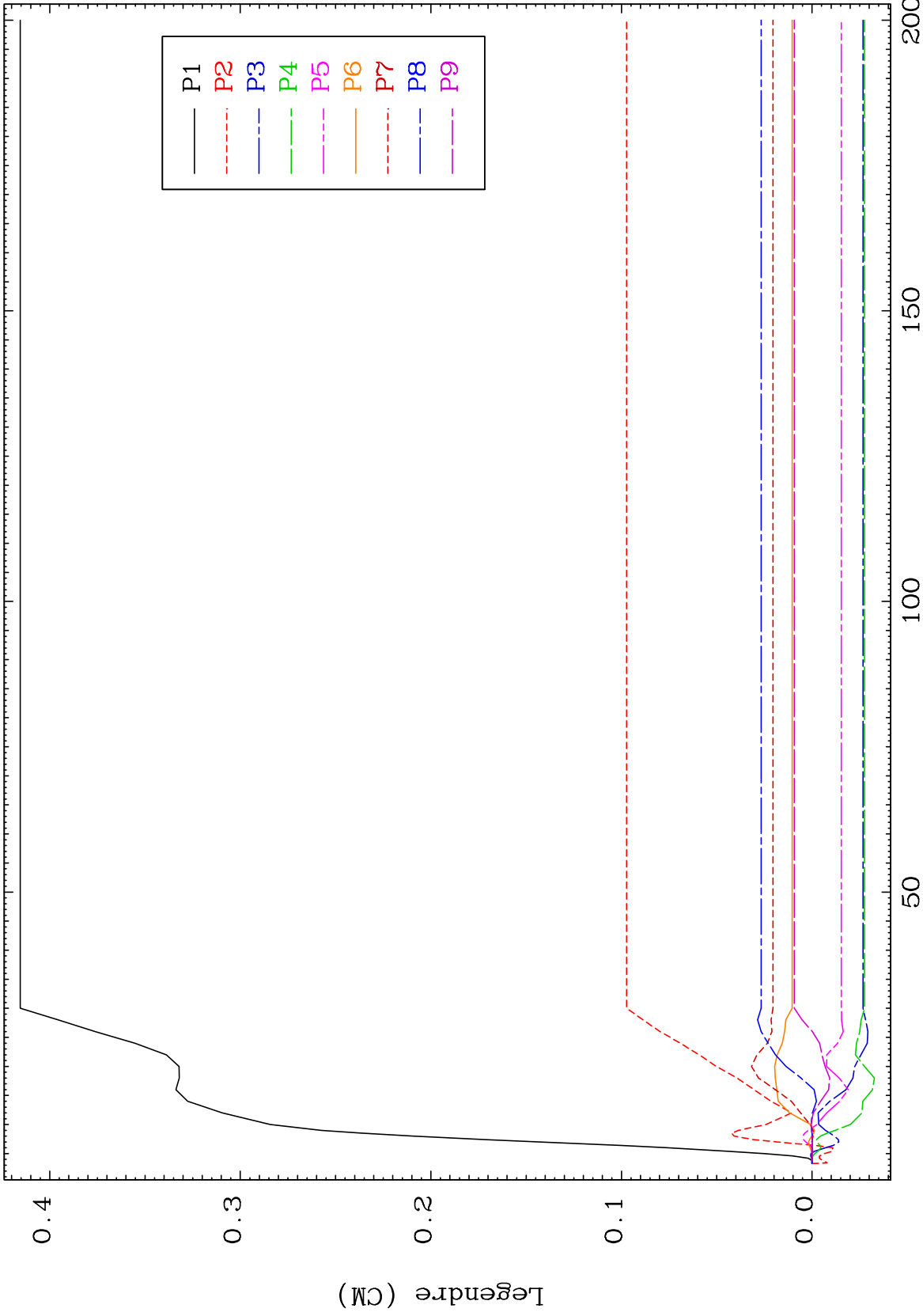
53-I -136



64

Incident Energy (MeV)

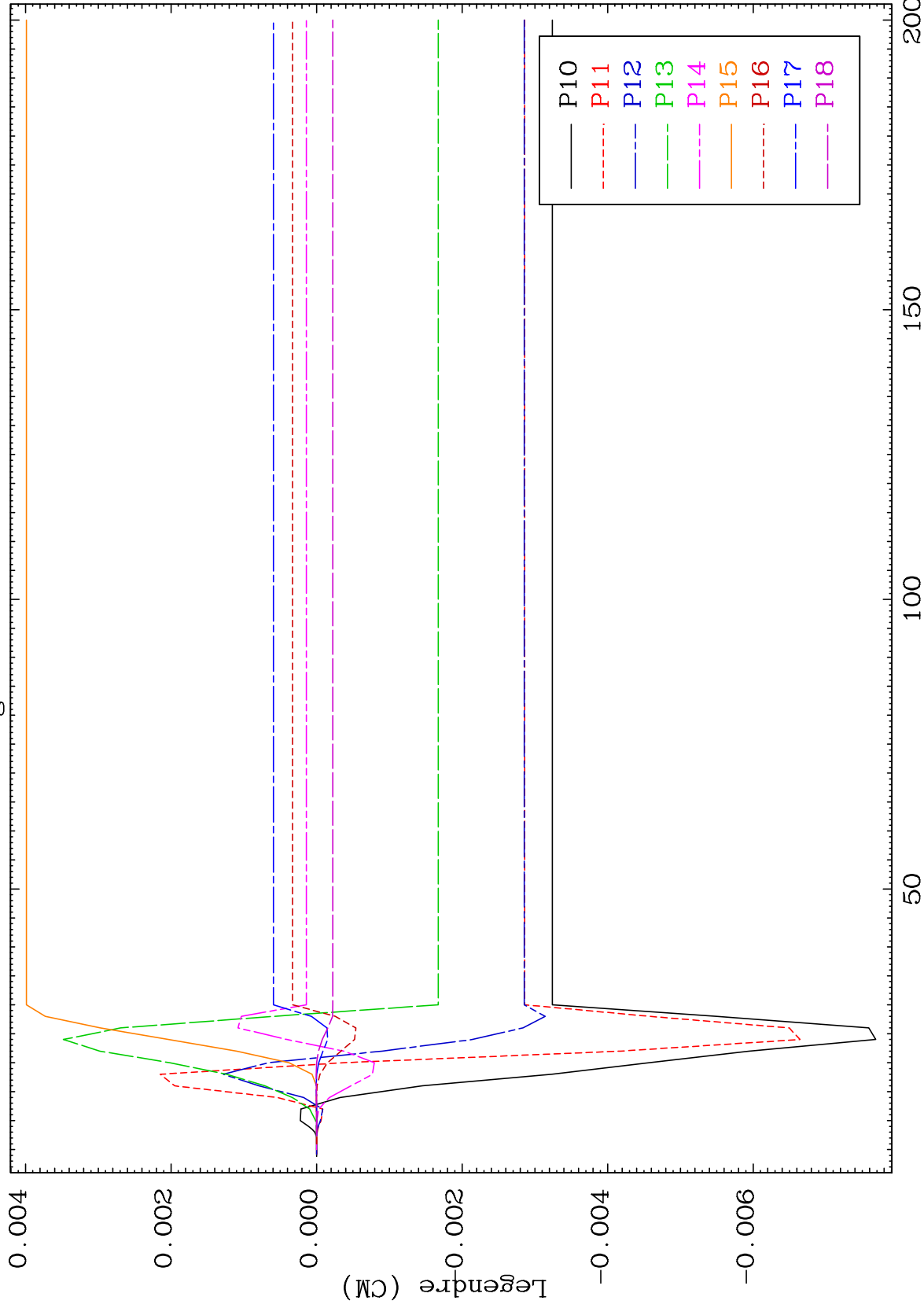
53-I -136



MAT 5352

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

53-I -136



66

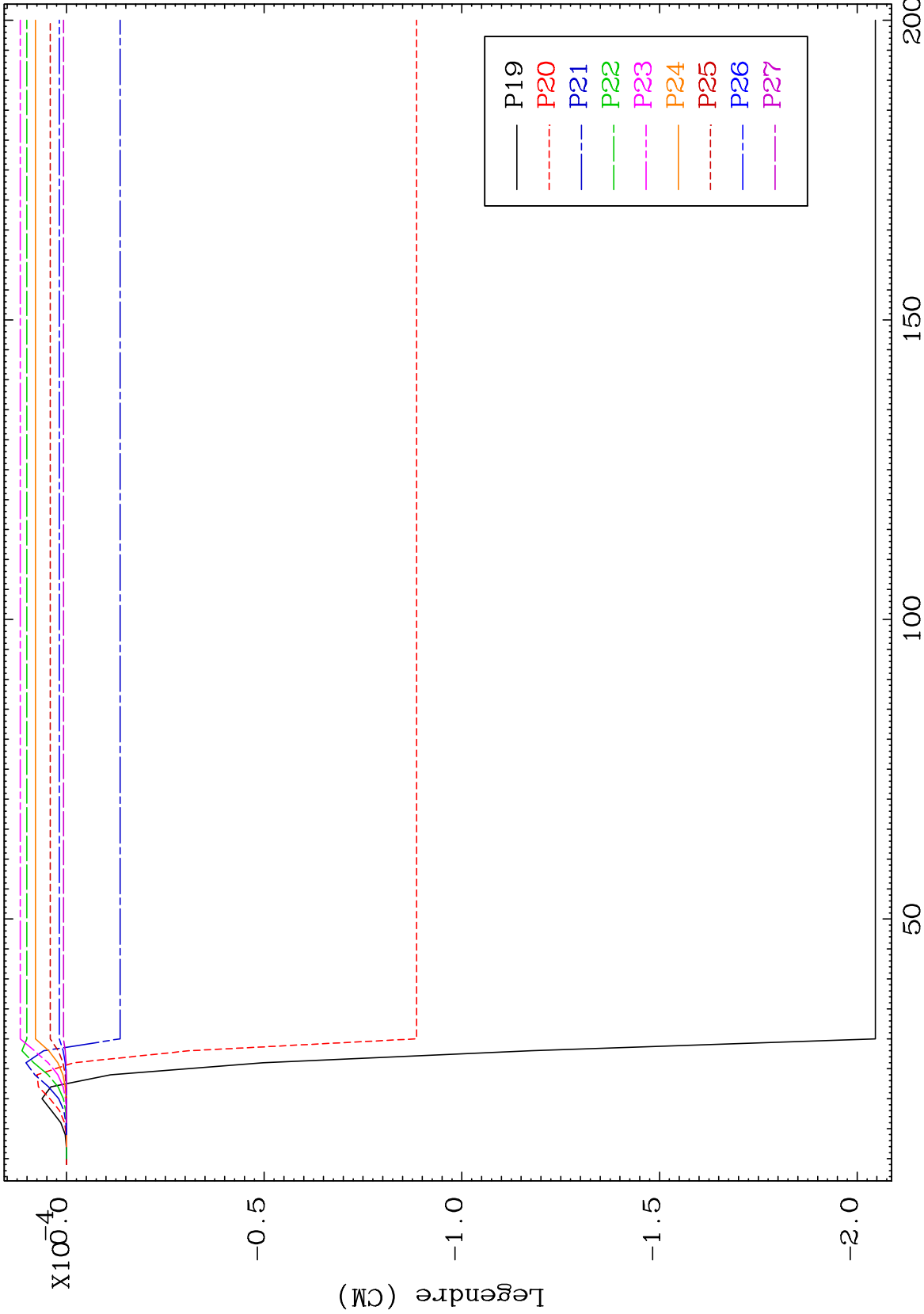
Incident Energy (MeV)

53-I -136

MAT 5352

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

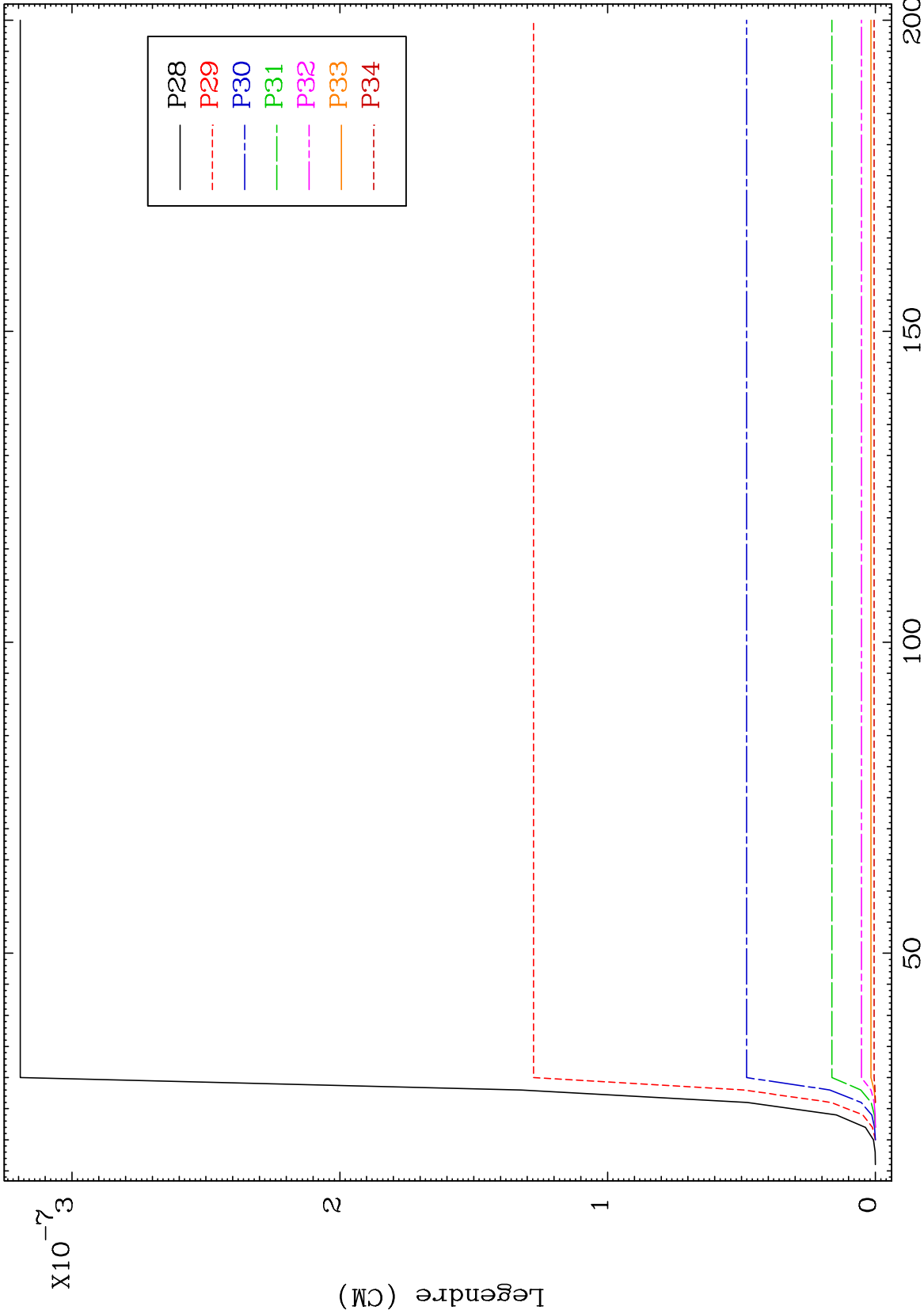
53-I -136

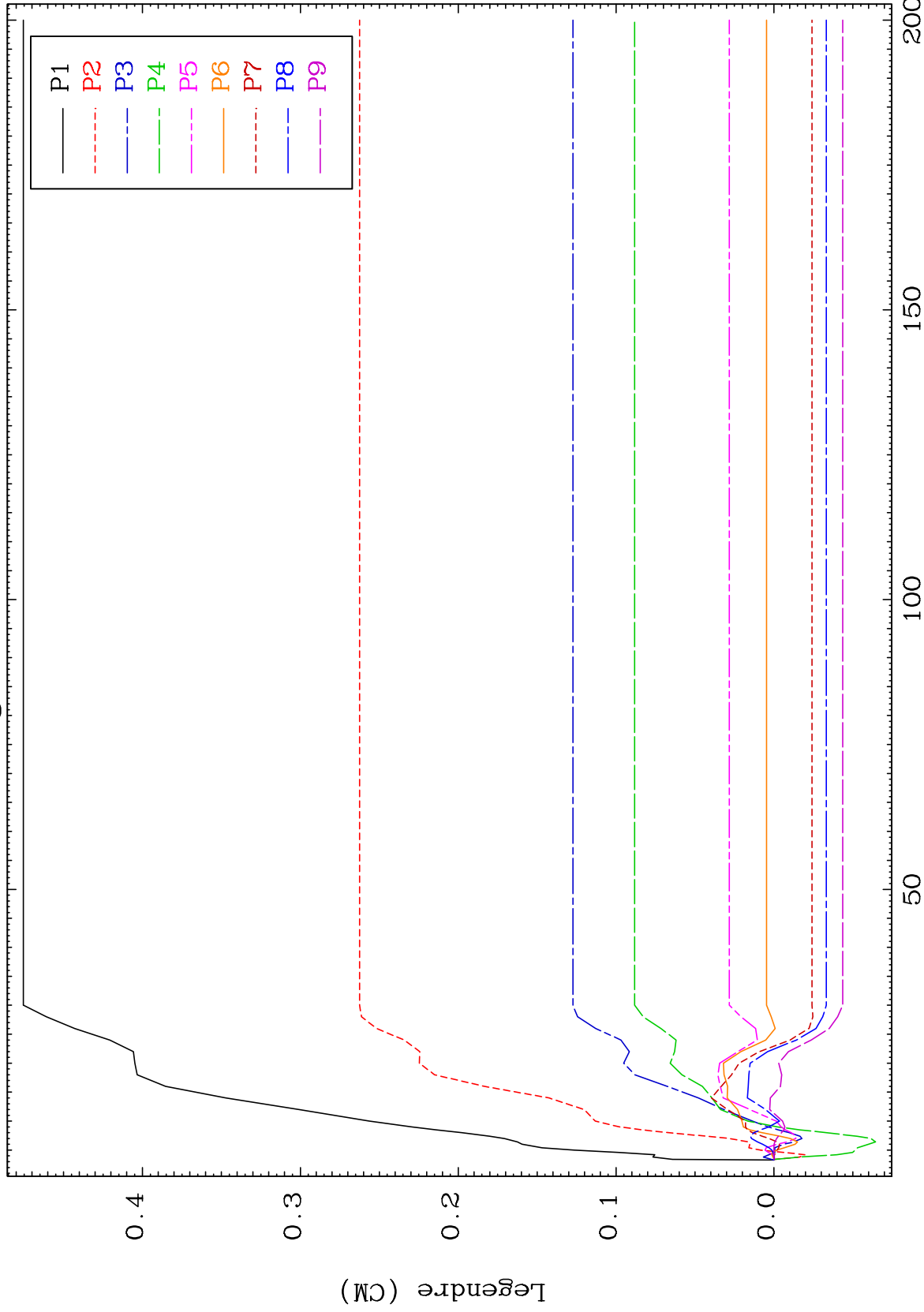


67

Incident Energy (MeV)

53-I -136

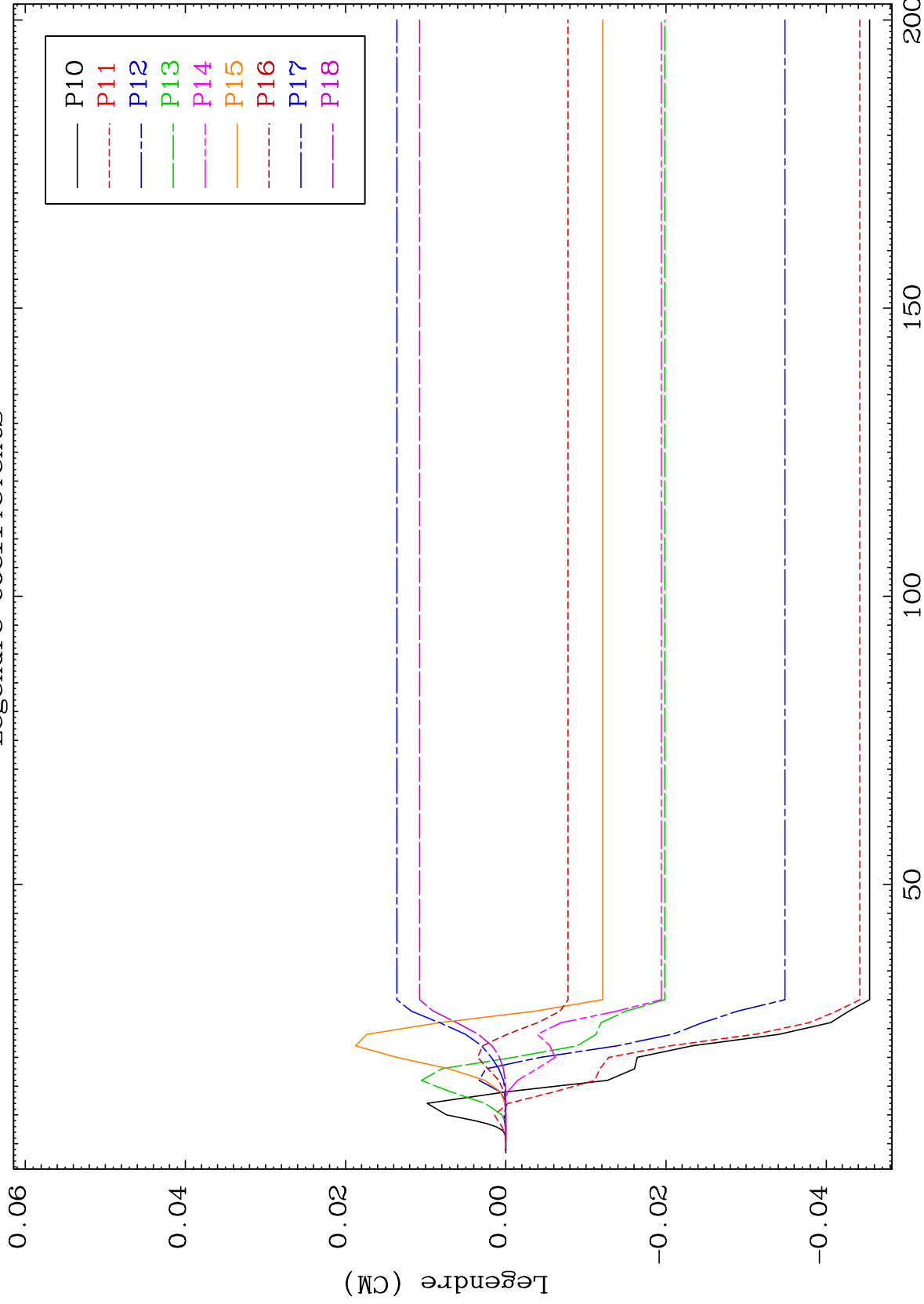




MAT 5352

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

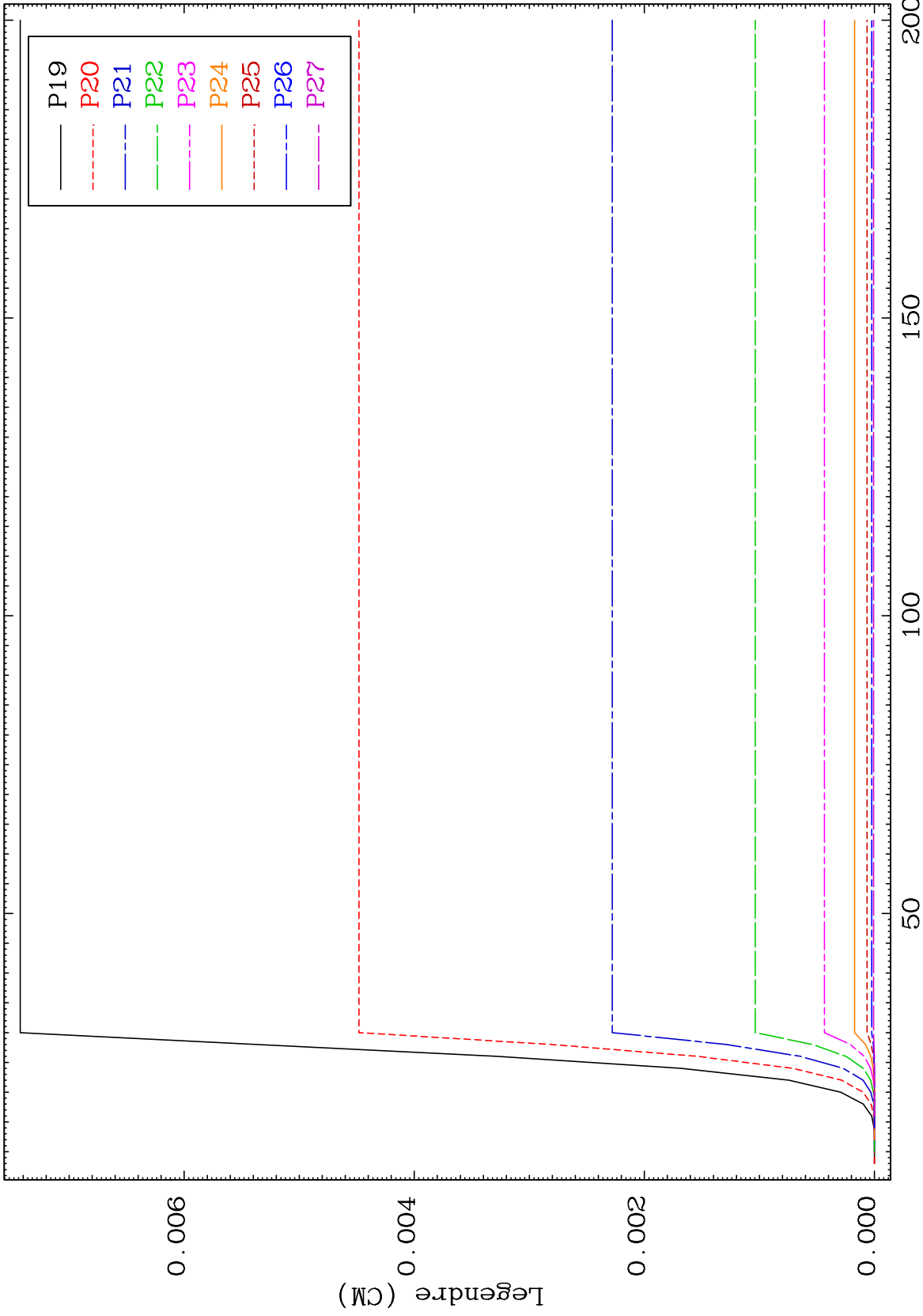
53-I -136

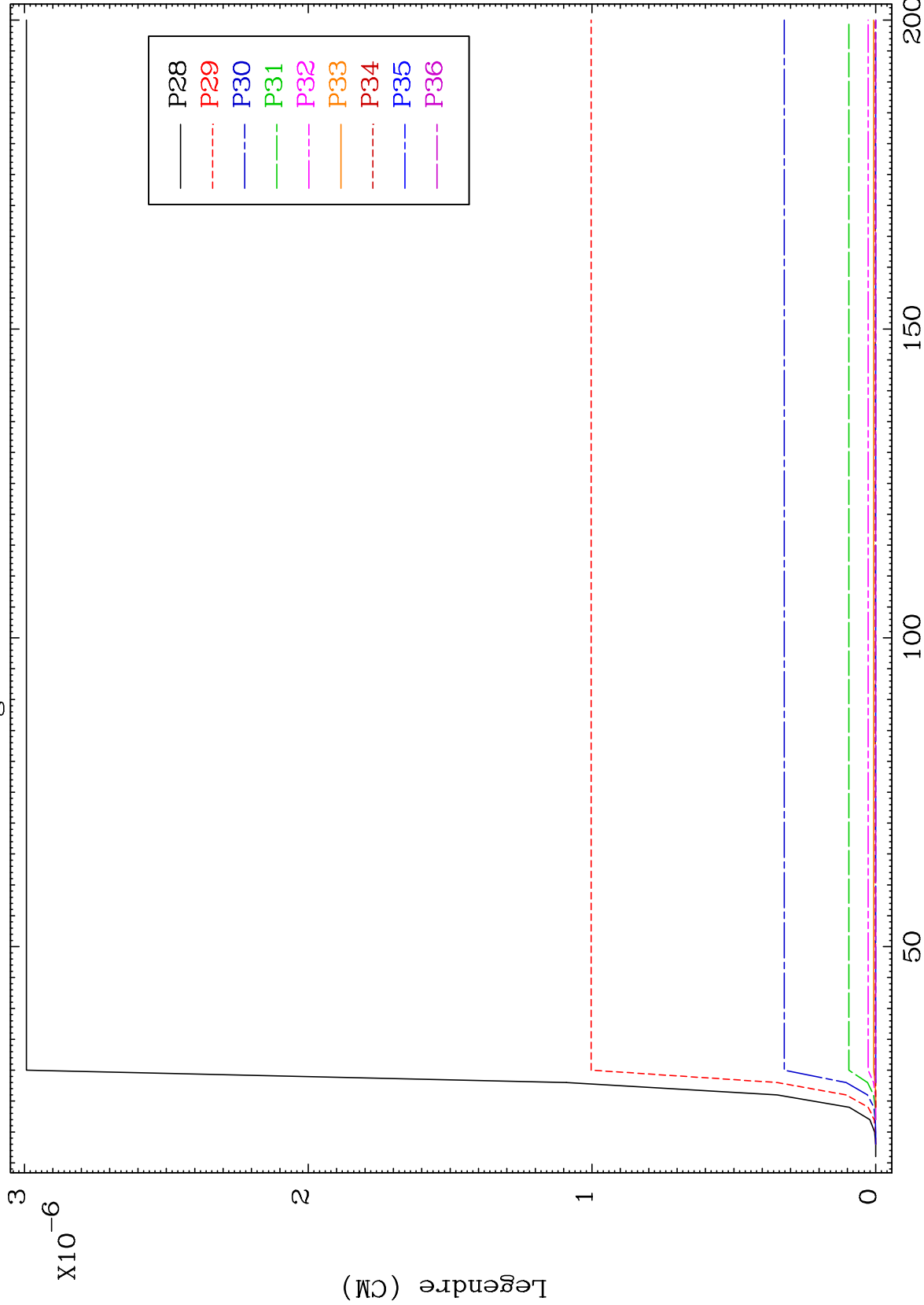


70

Incident Energy (MeV)

53-I -136

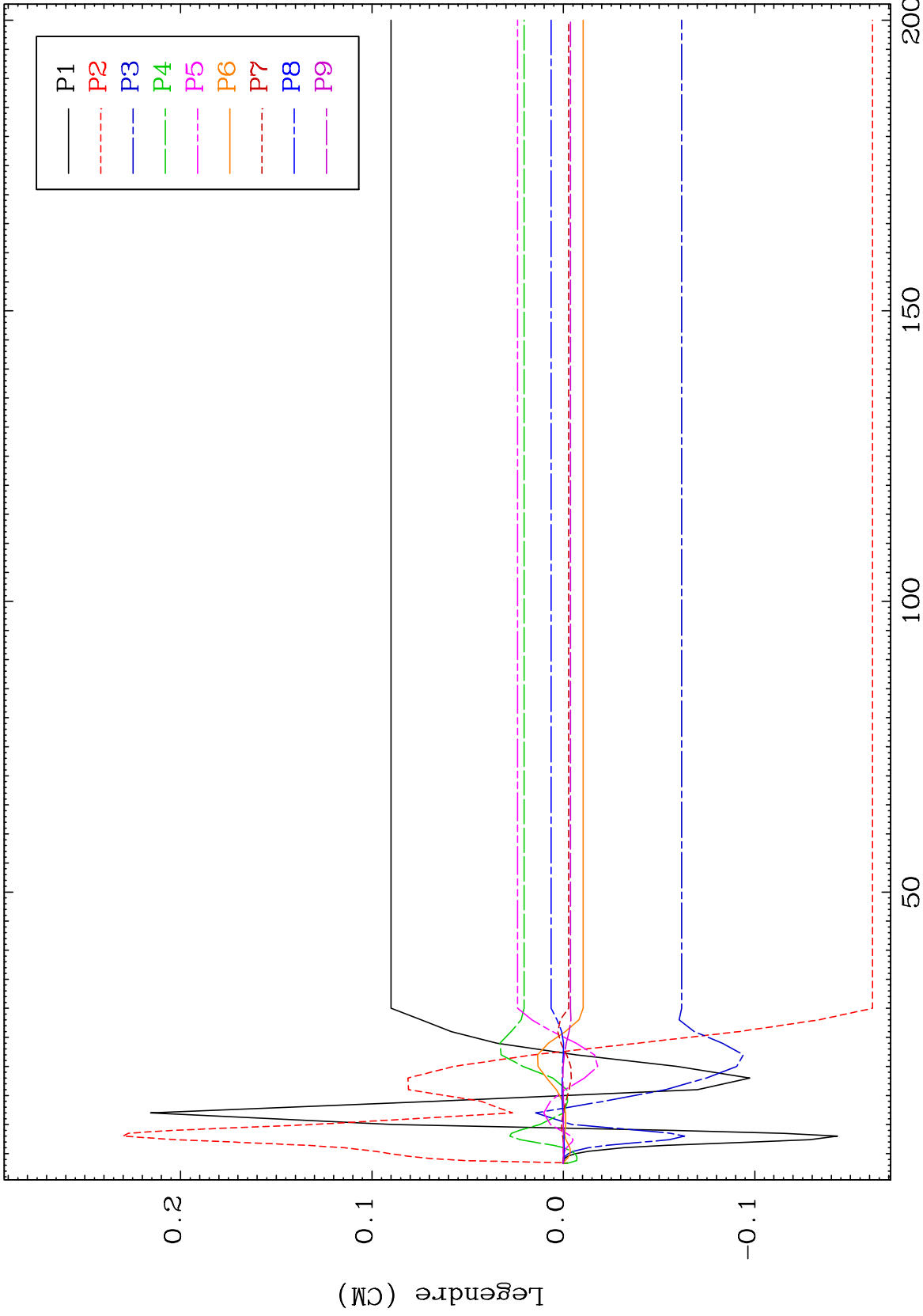




MAT 5352

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

53-I -136



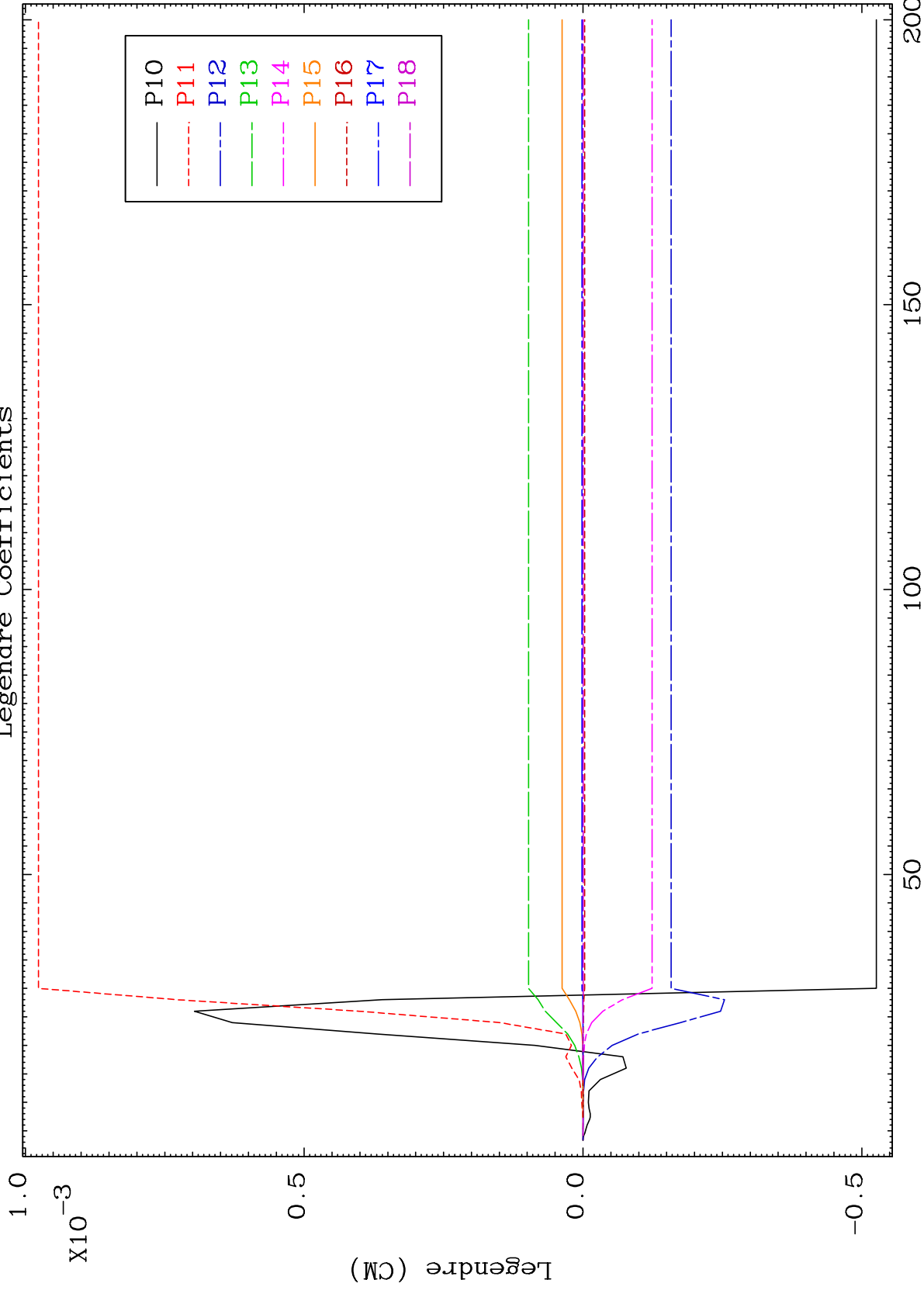
73

53-I -136

MAT 5352

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

53-I -136



74

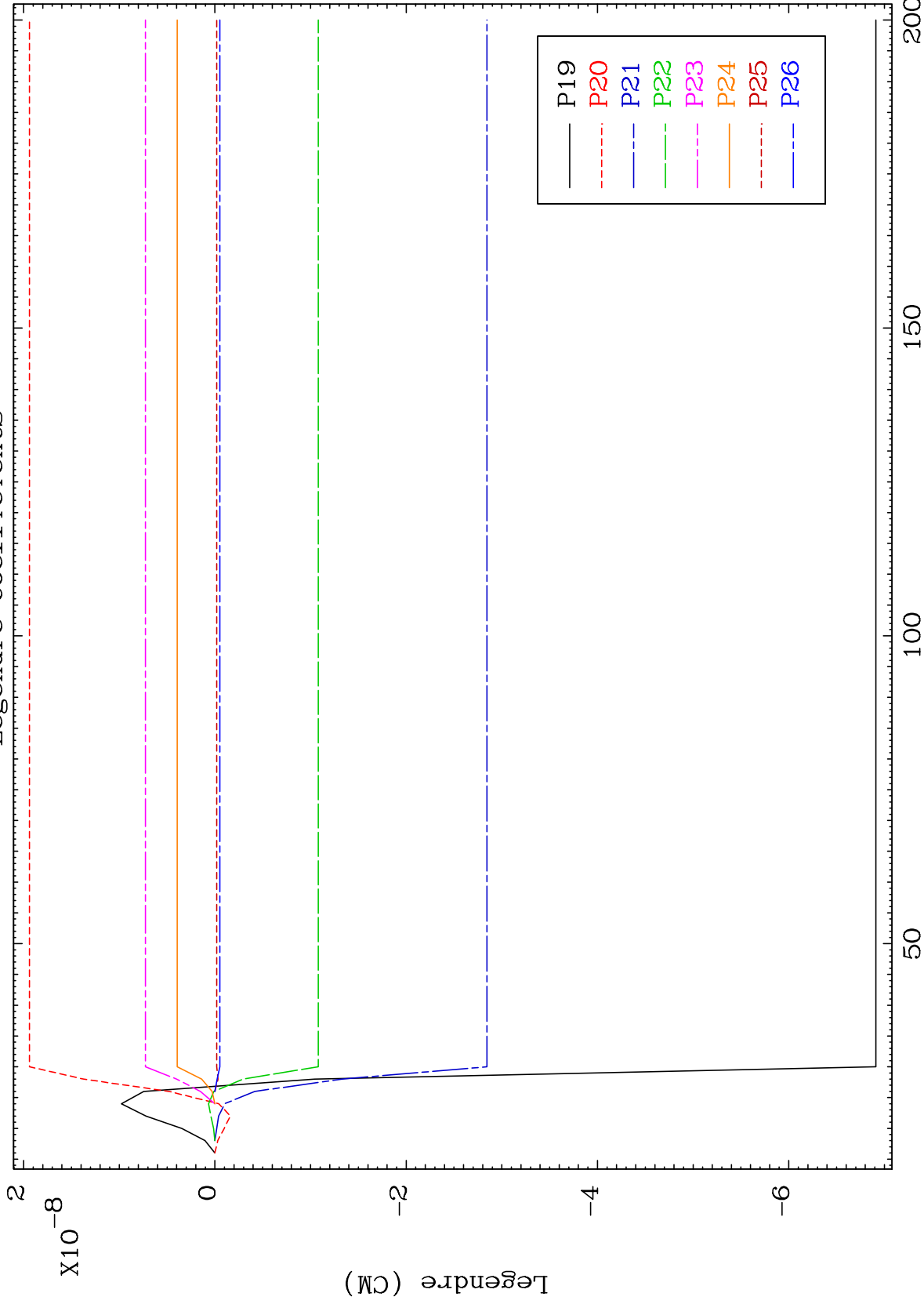
Incident Energy (MeV)

53-I -136

MAT 5352

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

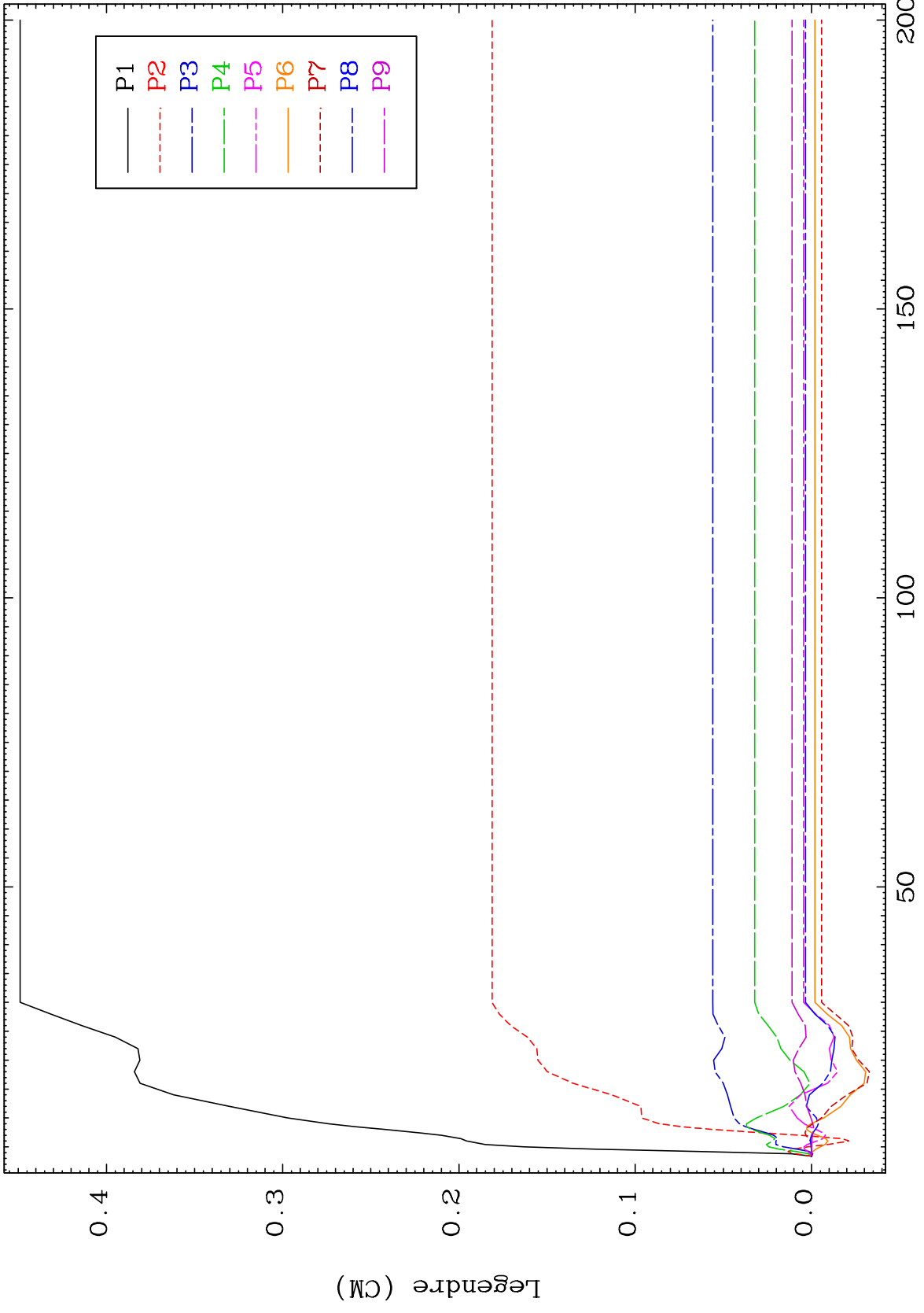
53-I -136

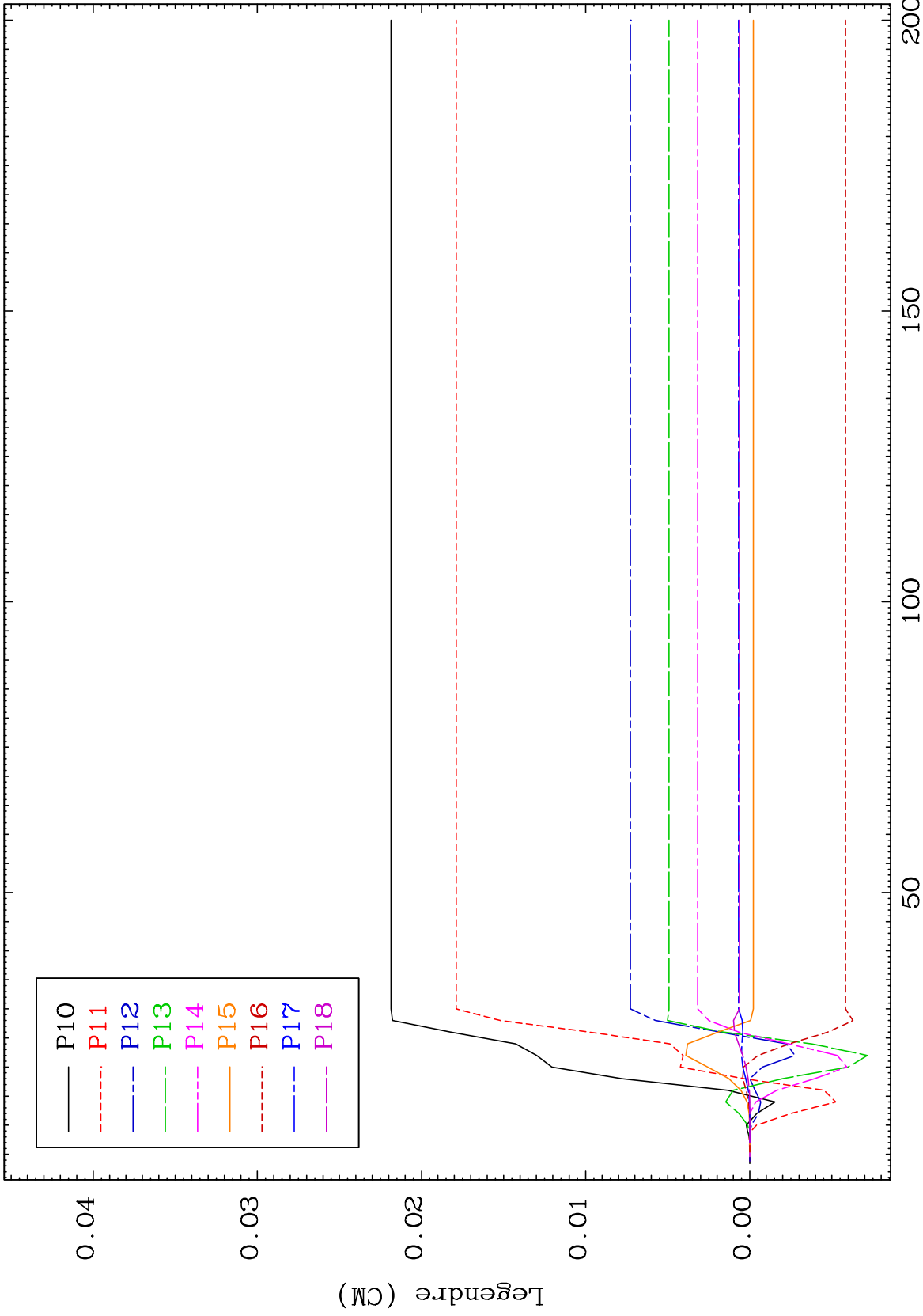


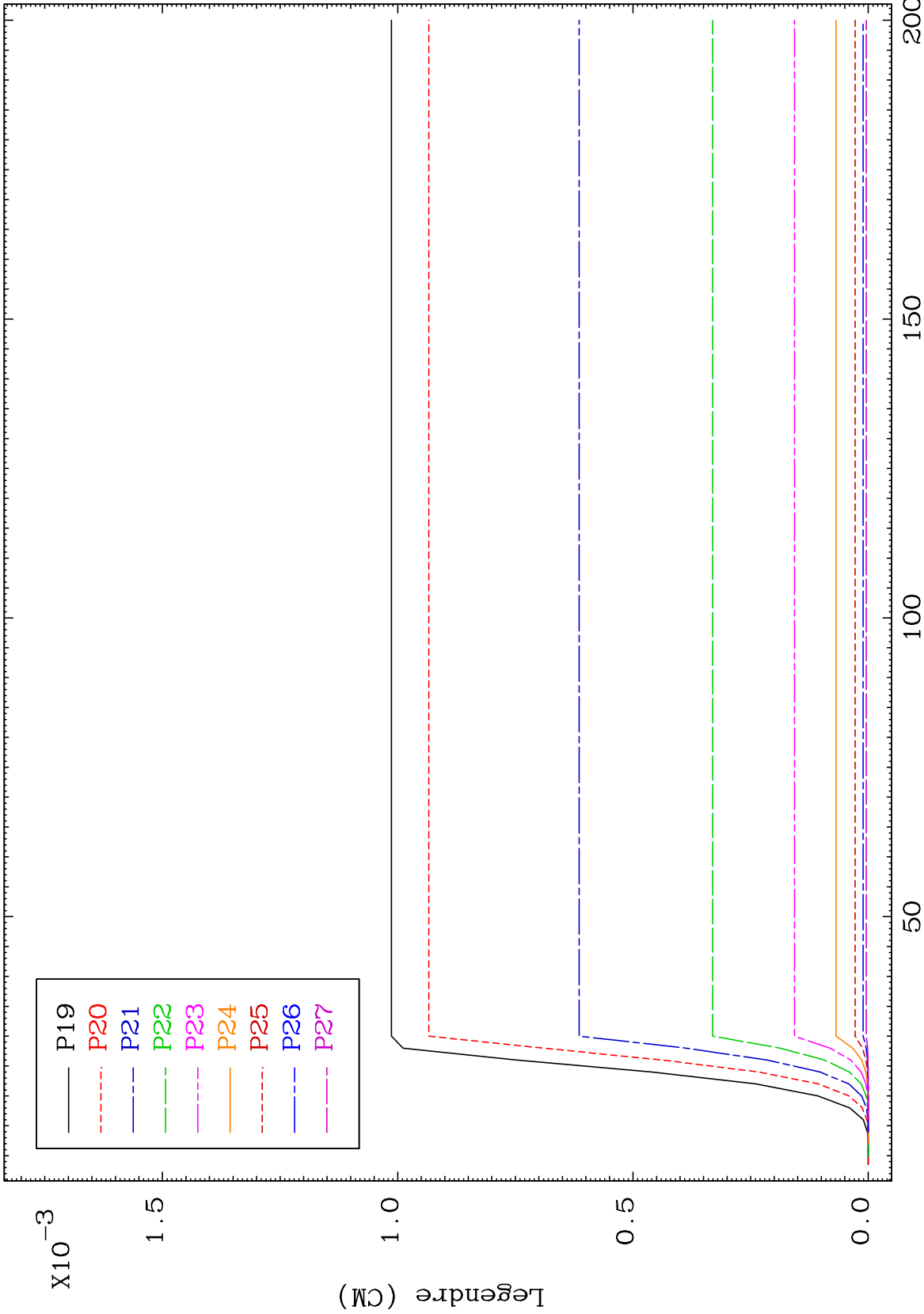
75

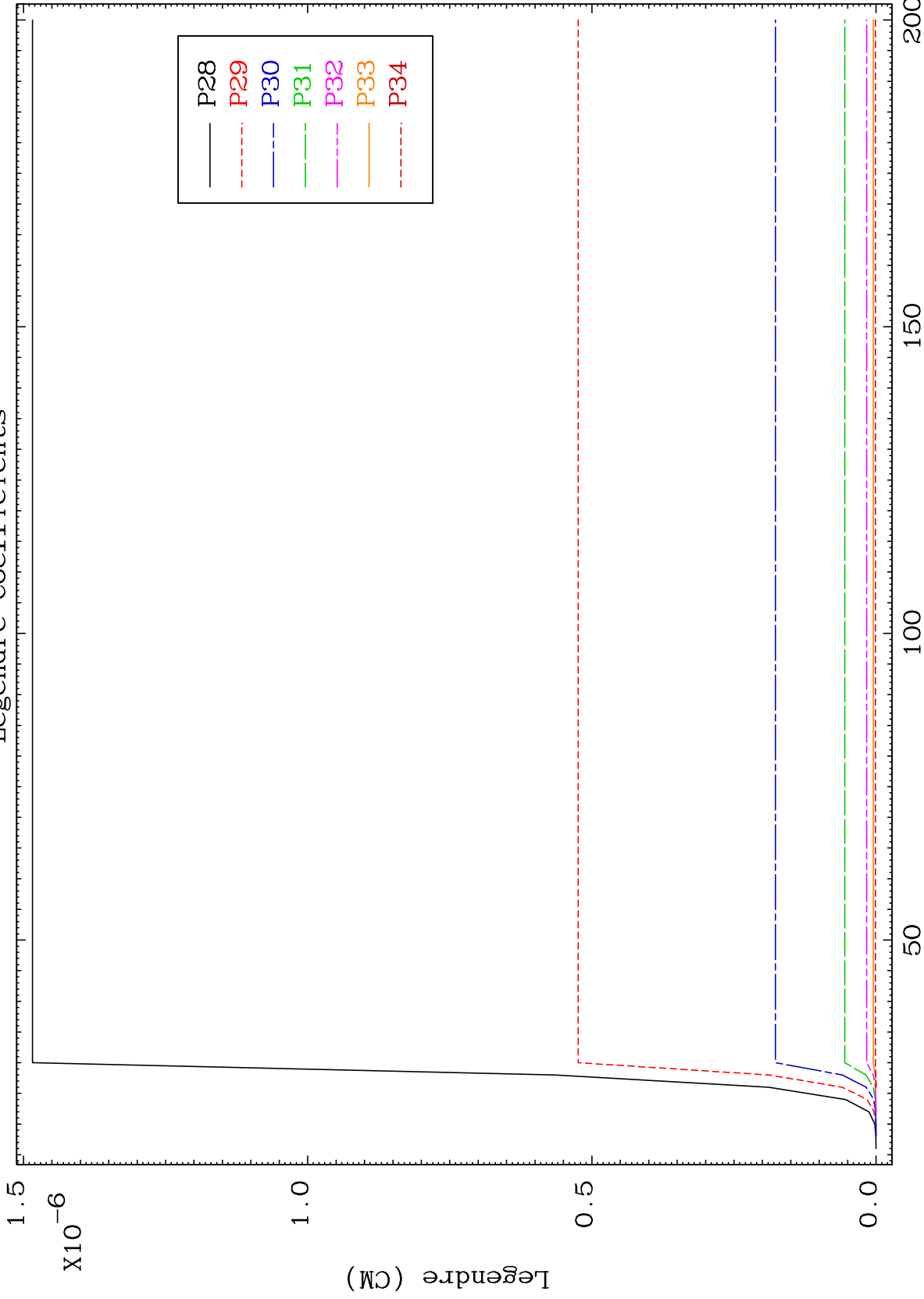
Incident Energy (MeV)

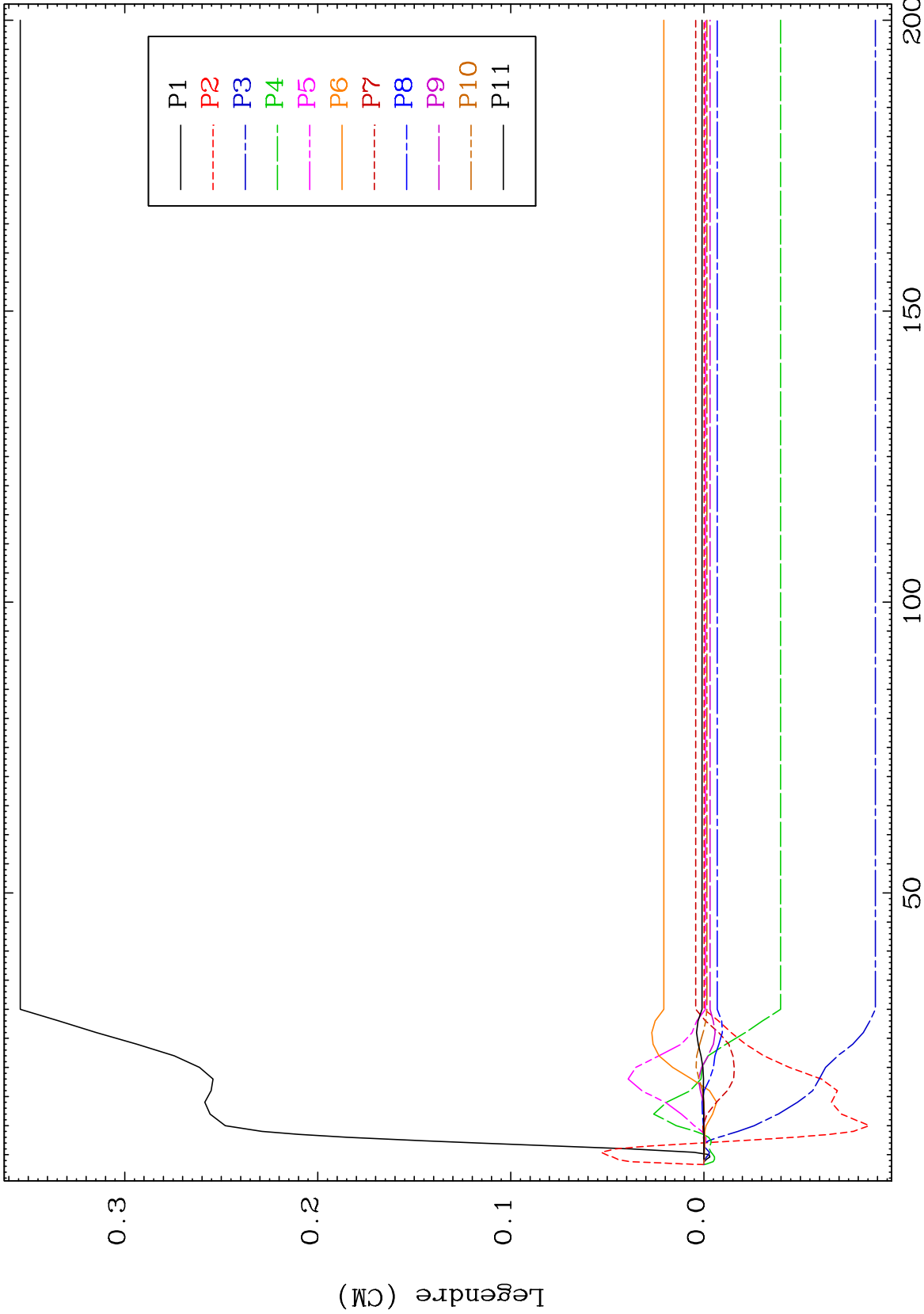
53-I -136

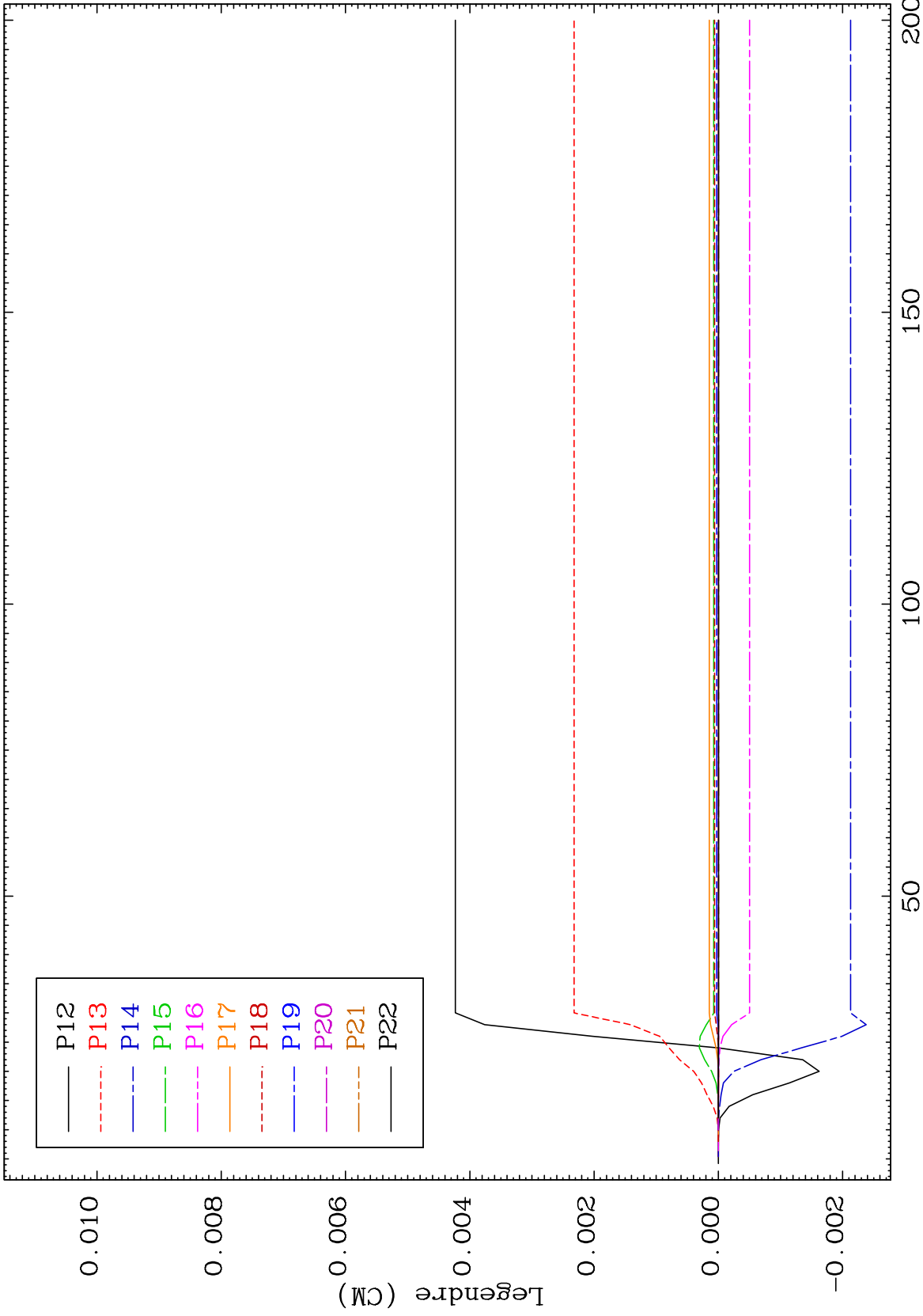


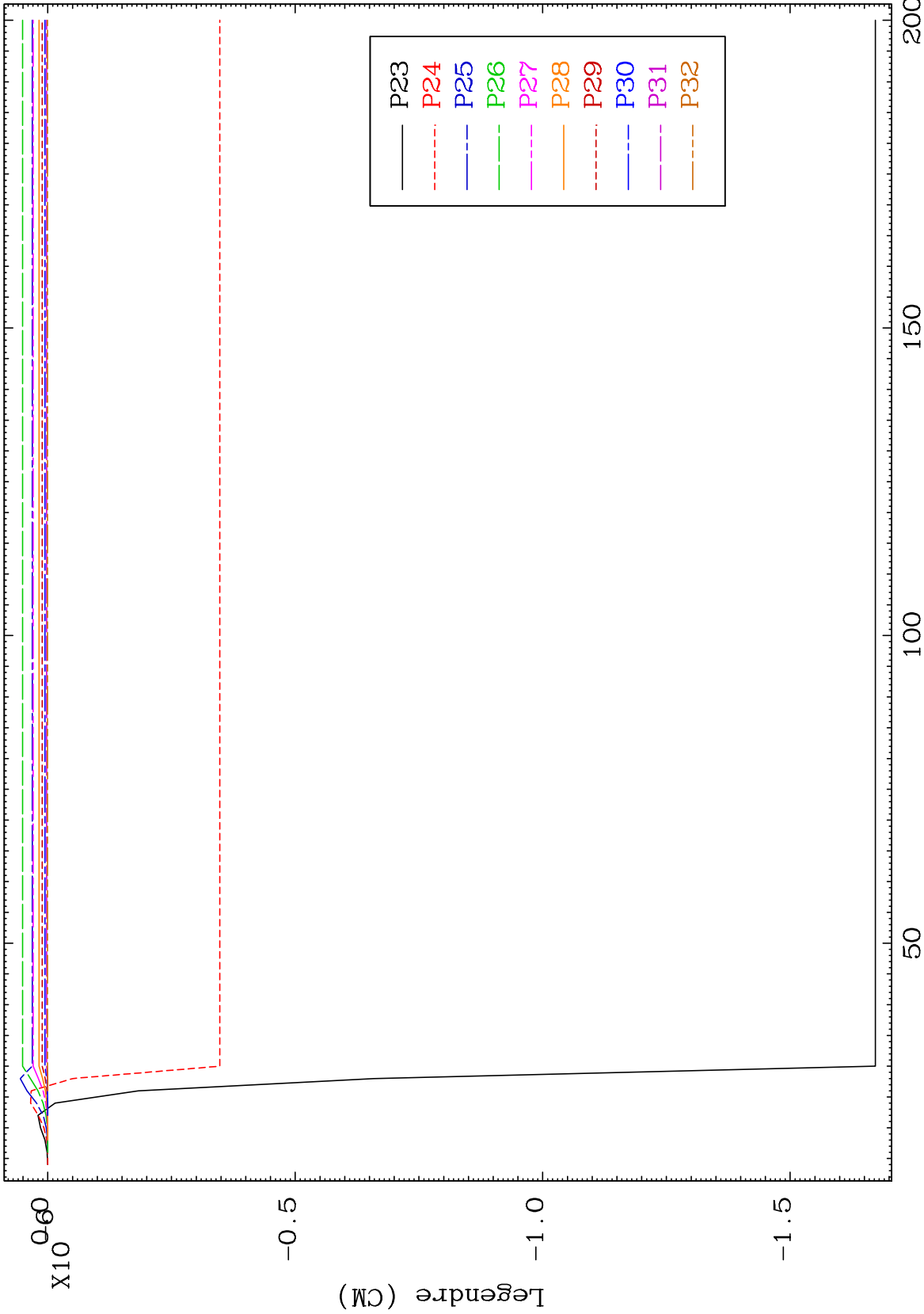


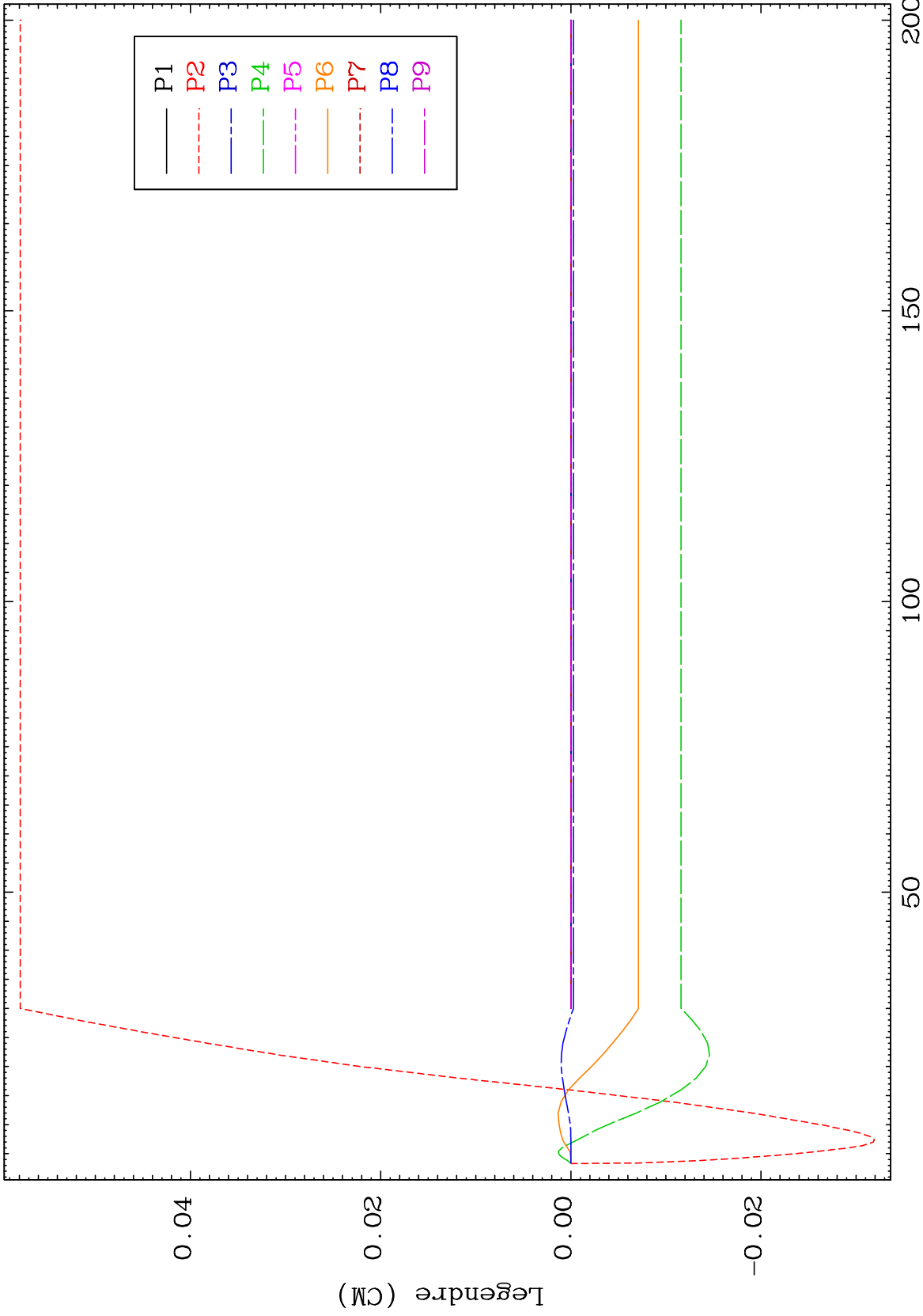


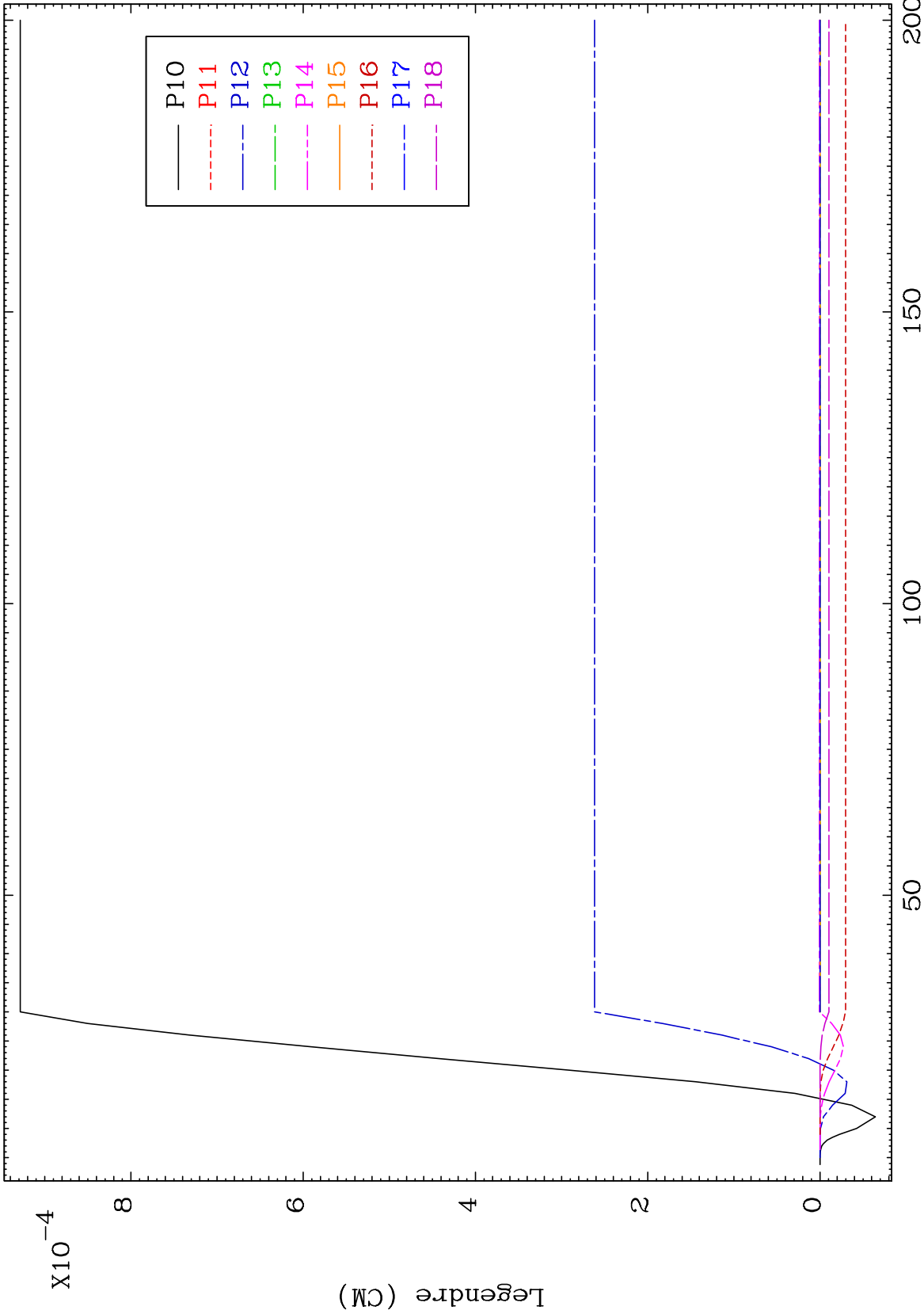








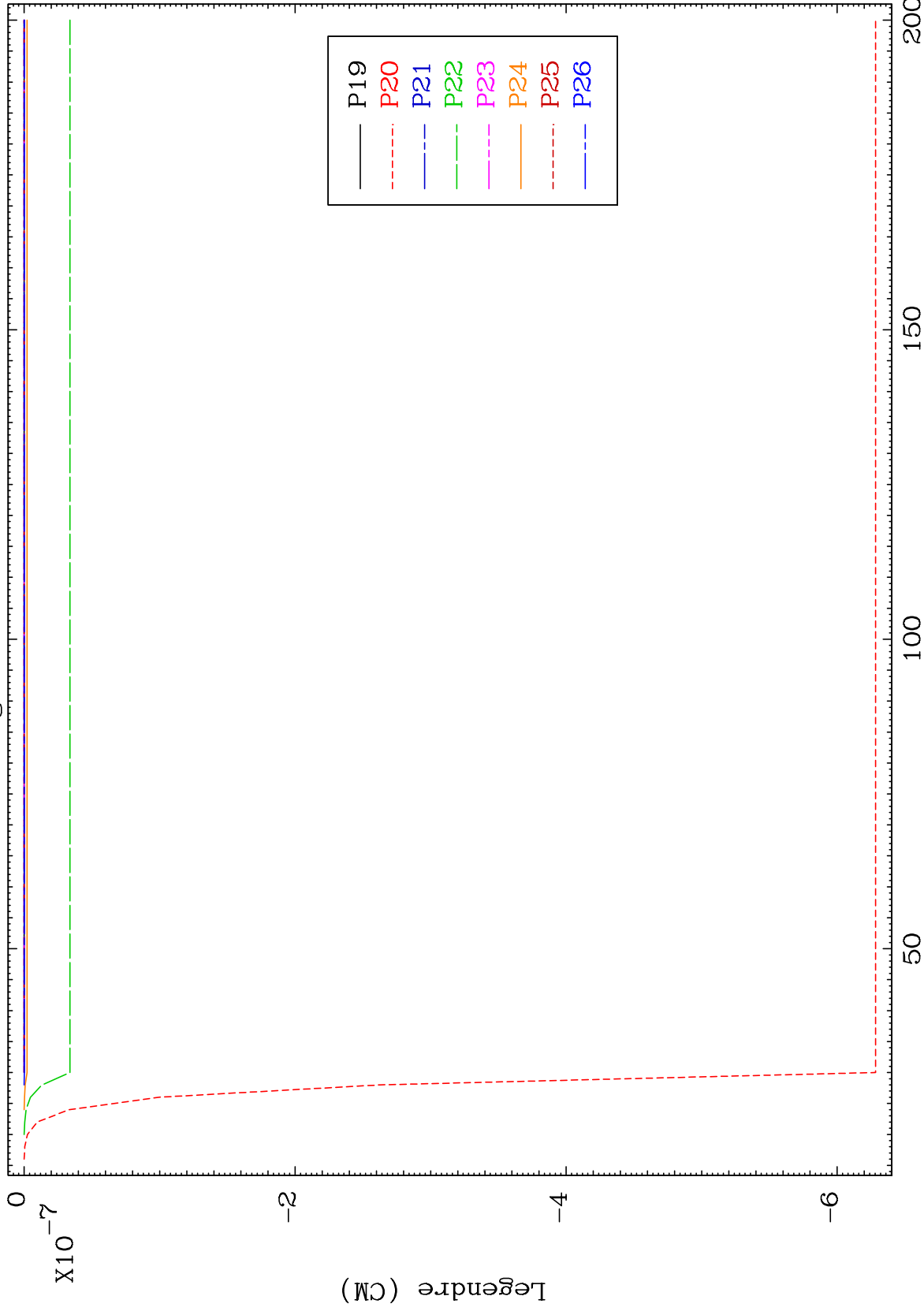




MAT 5352

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

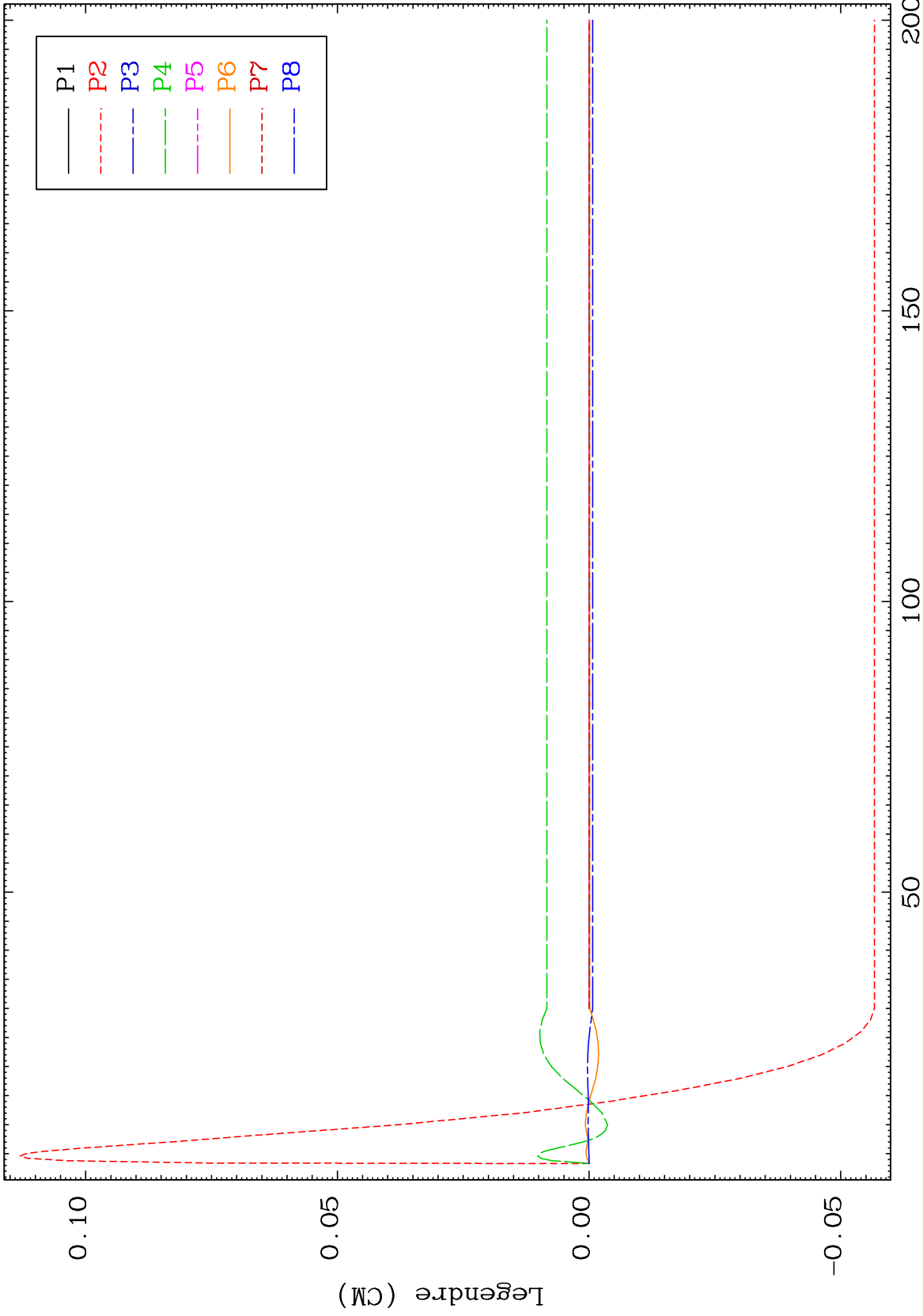
53-I -136

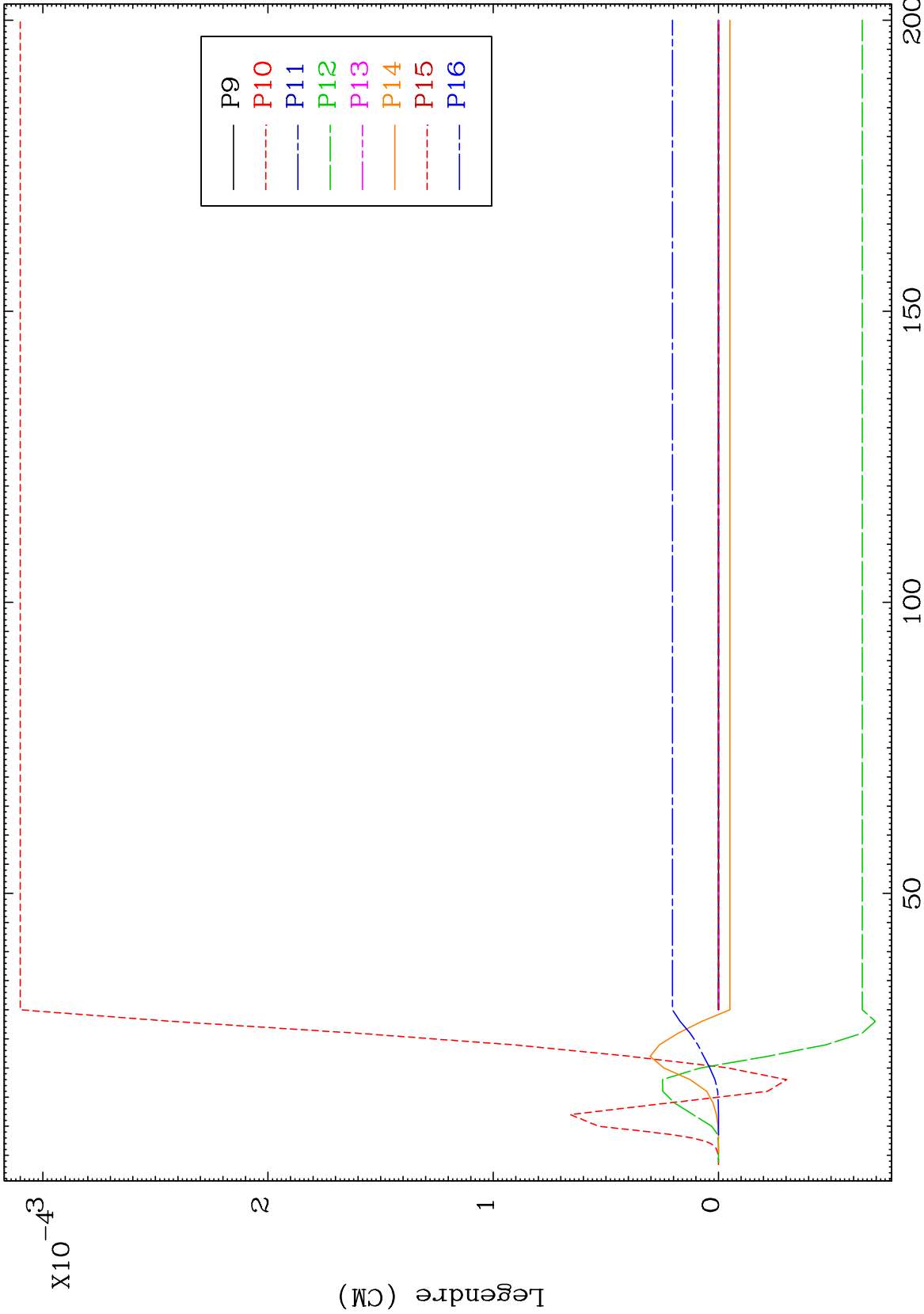


85

Incident Energy (MeV)

53-I -136

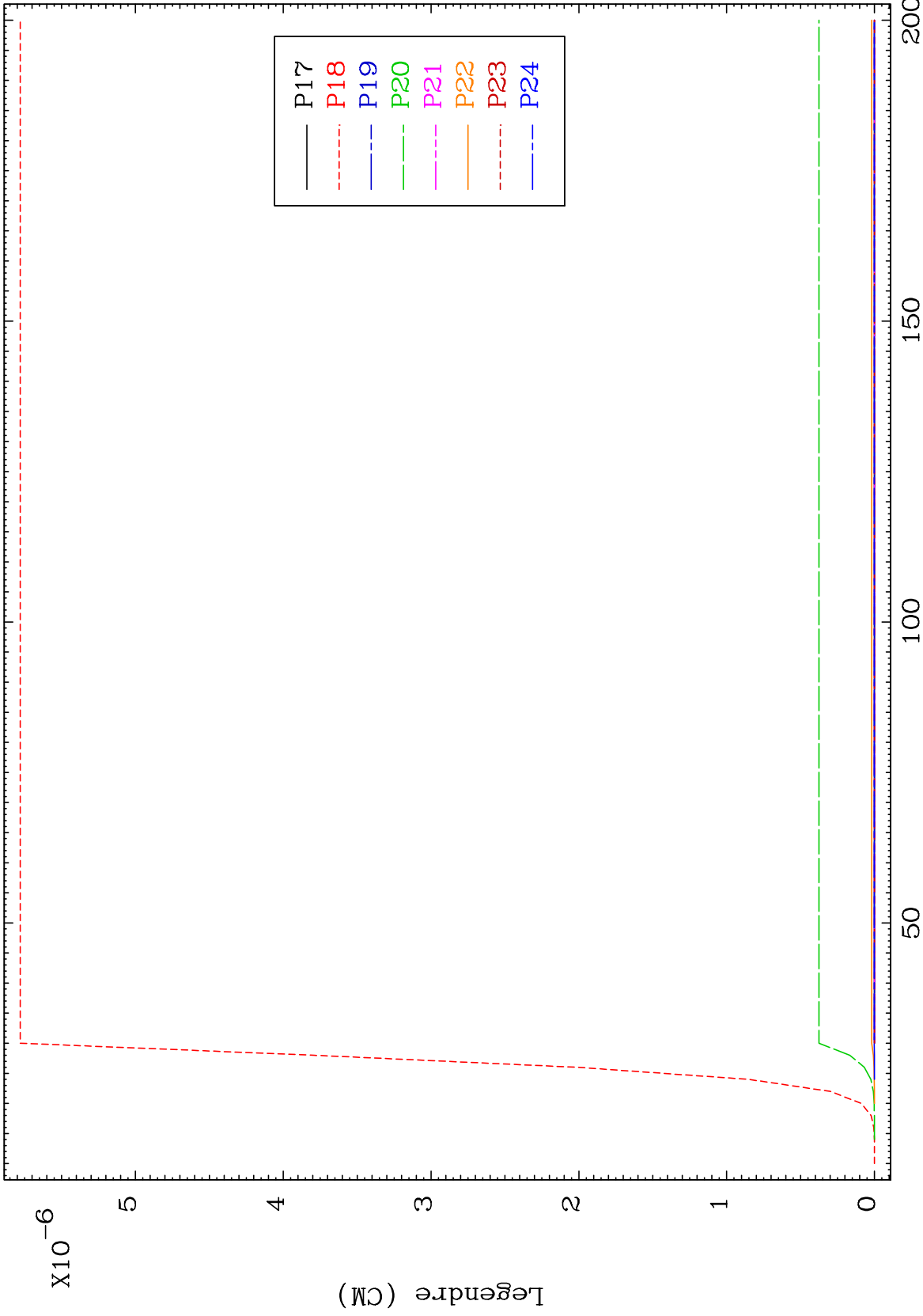




MAT 5352

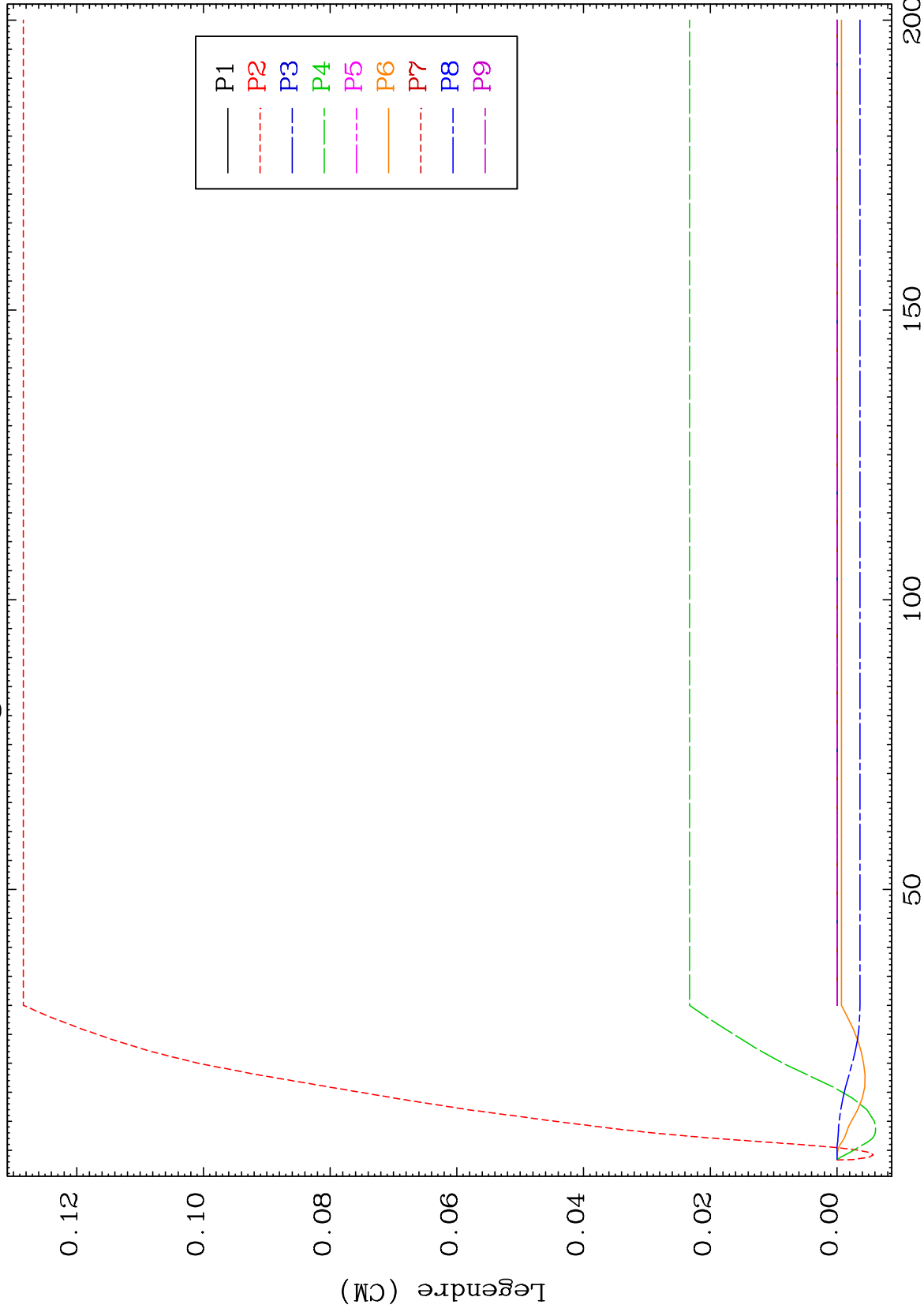
MT= 71 (n,n') Level
Legendre Coefficients

53-I -136



88

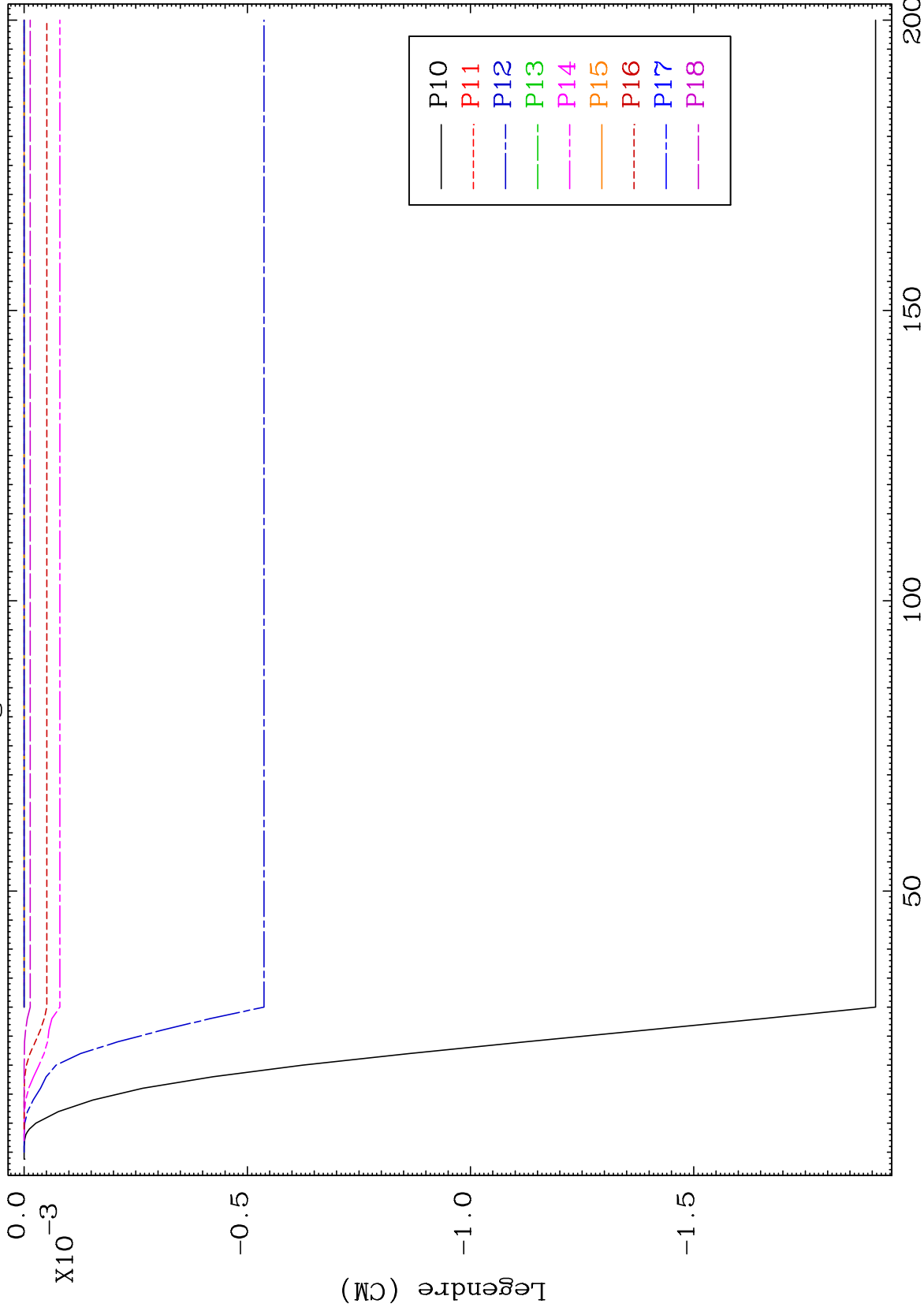
53-I -136



MAT 5352

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

53-I -136



90

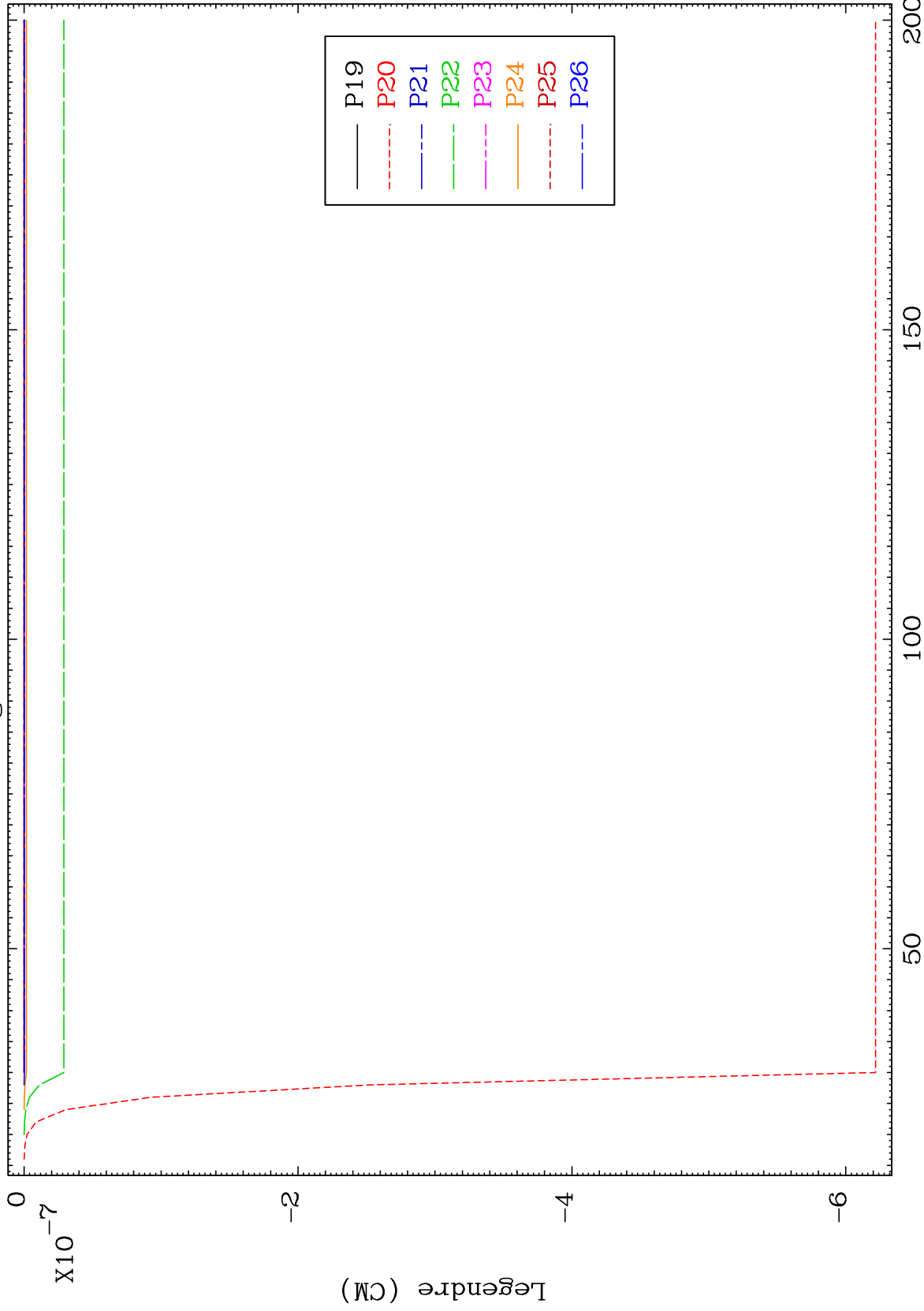
Incident Energy (MeV)

53-I -136

MAT 5352

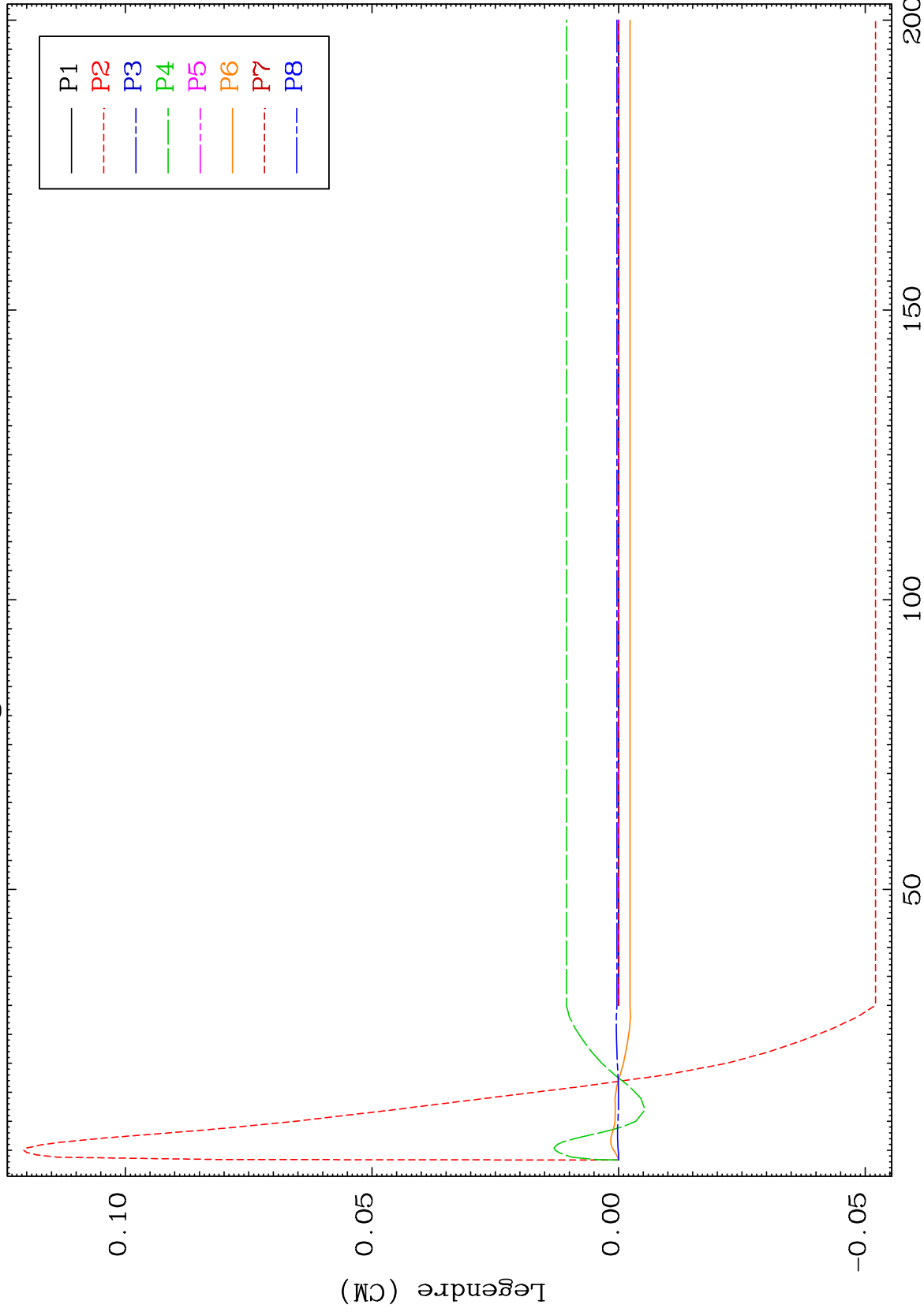
MT= 72 (n,n') Level
Legendre Coefficients

53-I -136



91

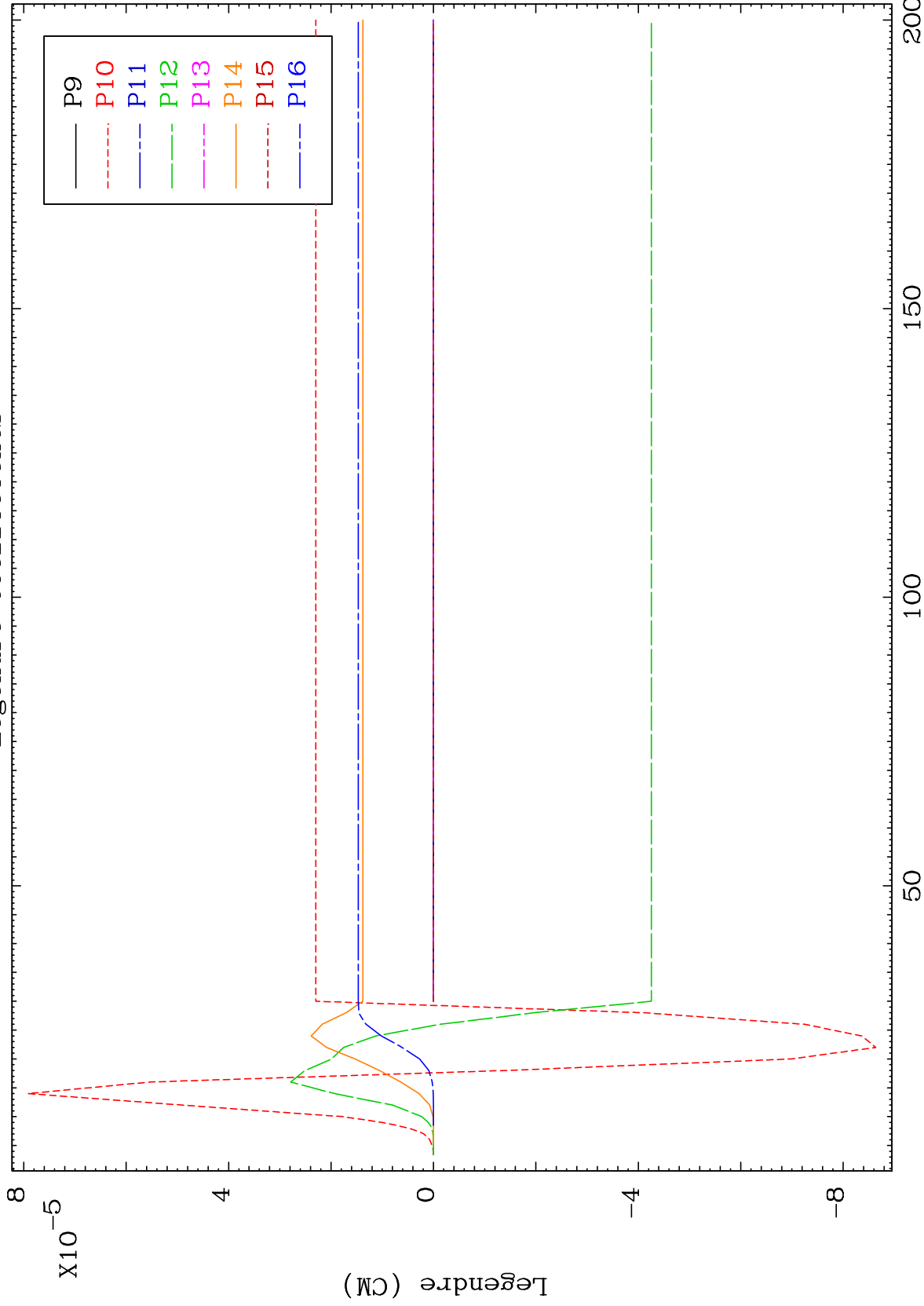
53-I -136



MAT 5352

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

53-I -136



93

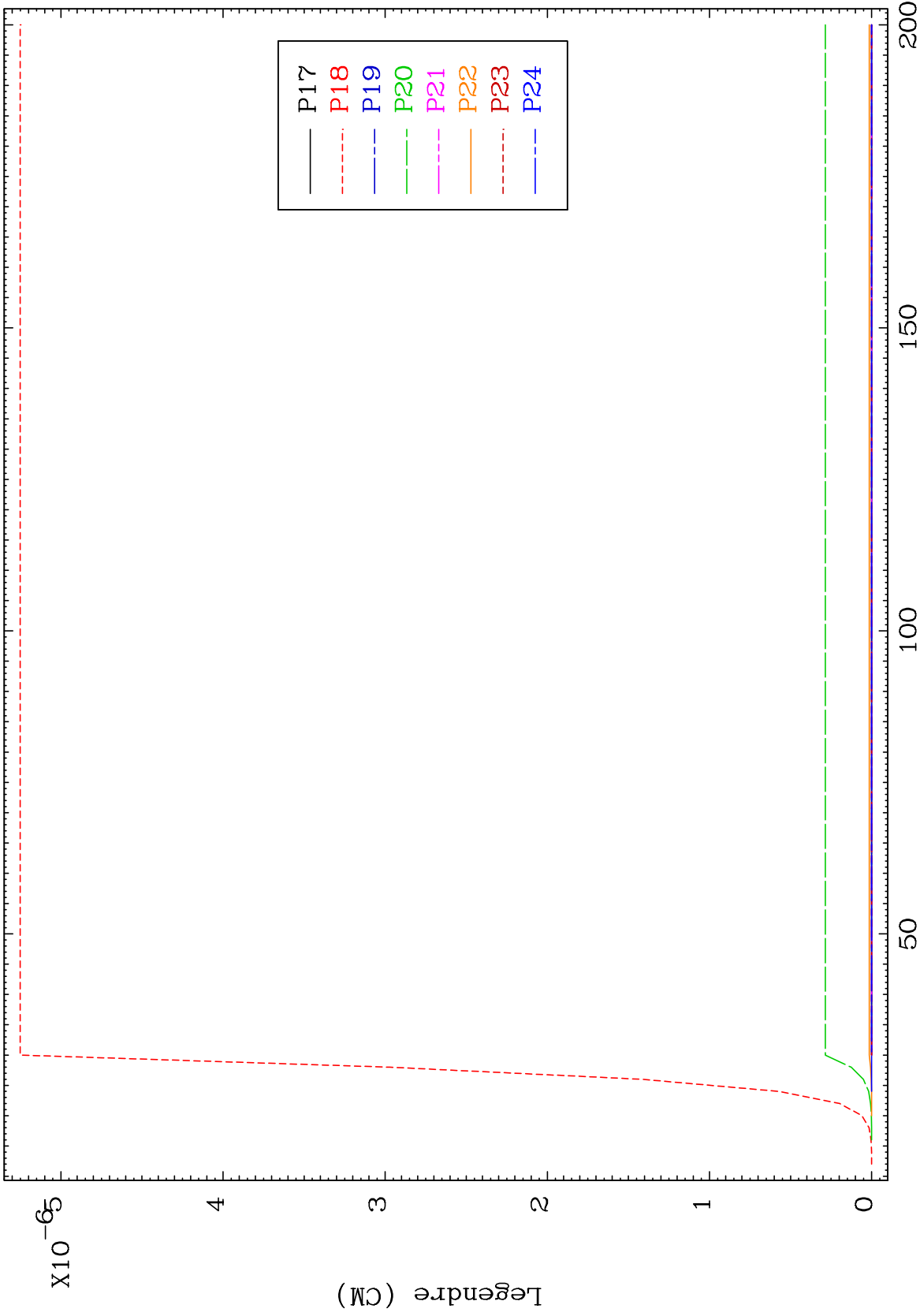
Incident Energy (MeV)

53-I -136

MAT 5352

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

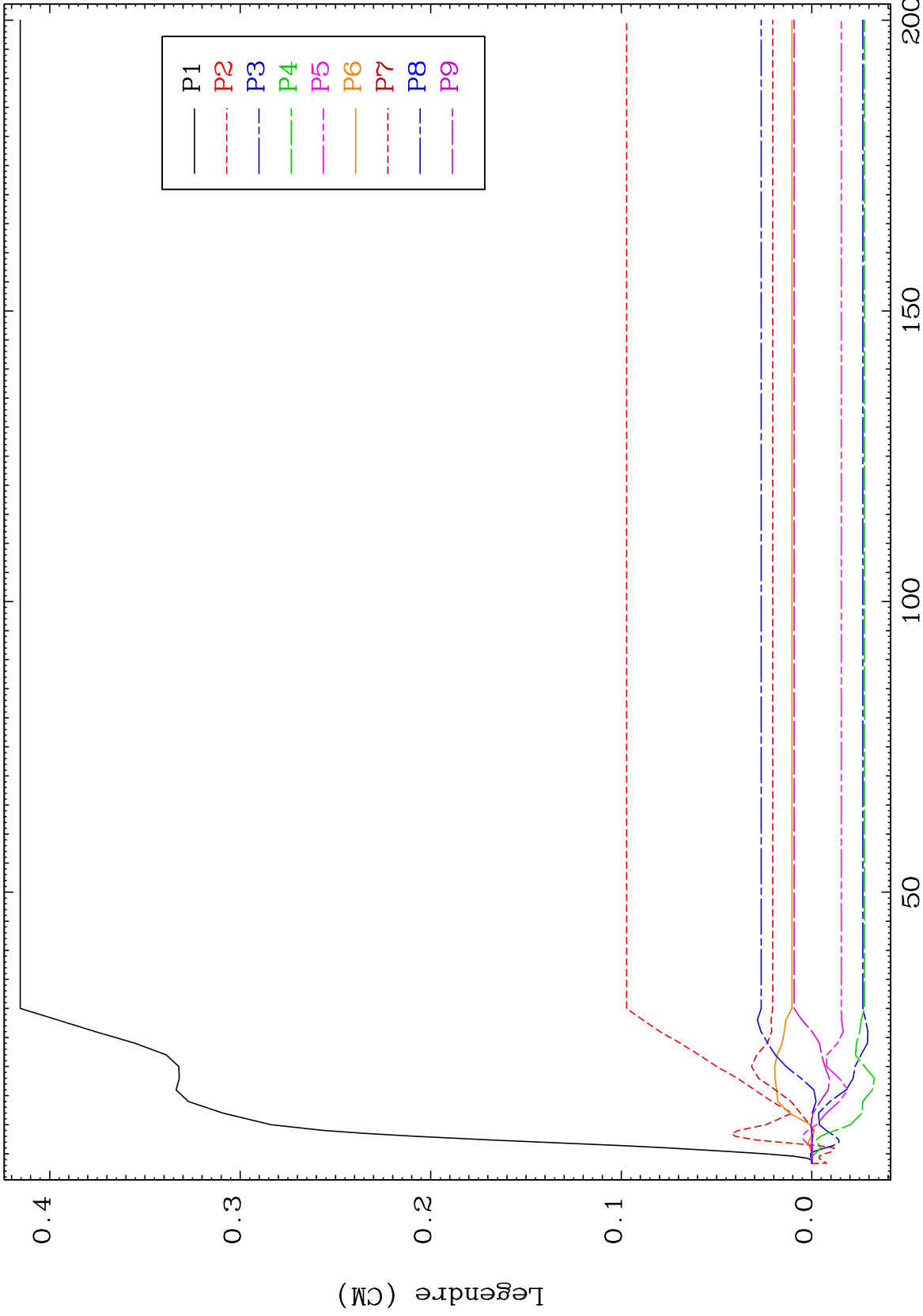
53-I -136



94

Incident Energy (MeV)

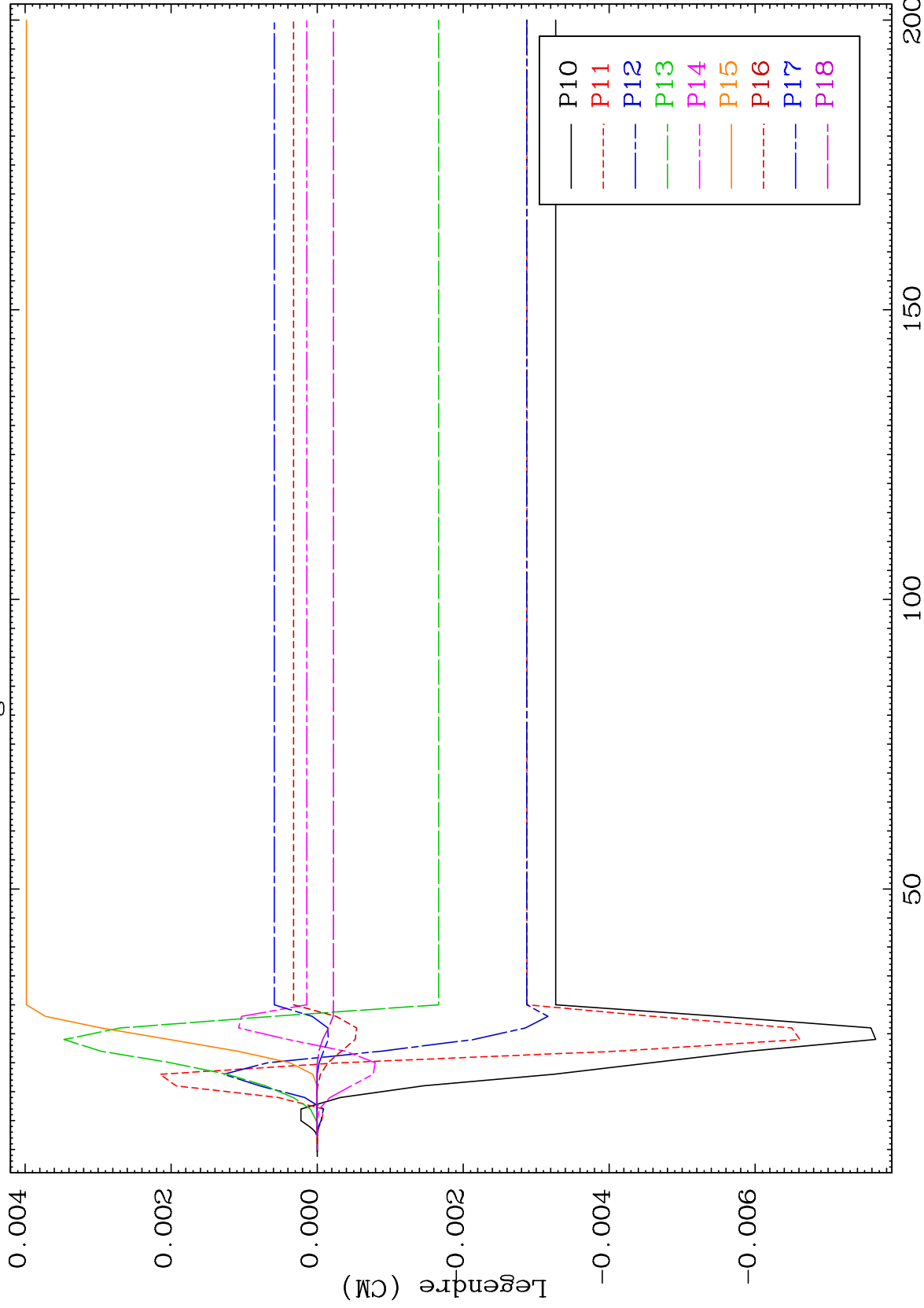
53-I -136



MAT 5352

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

53-I -136



96

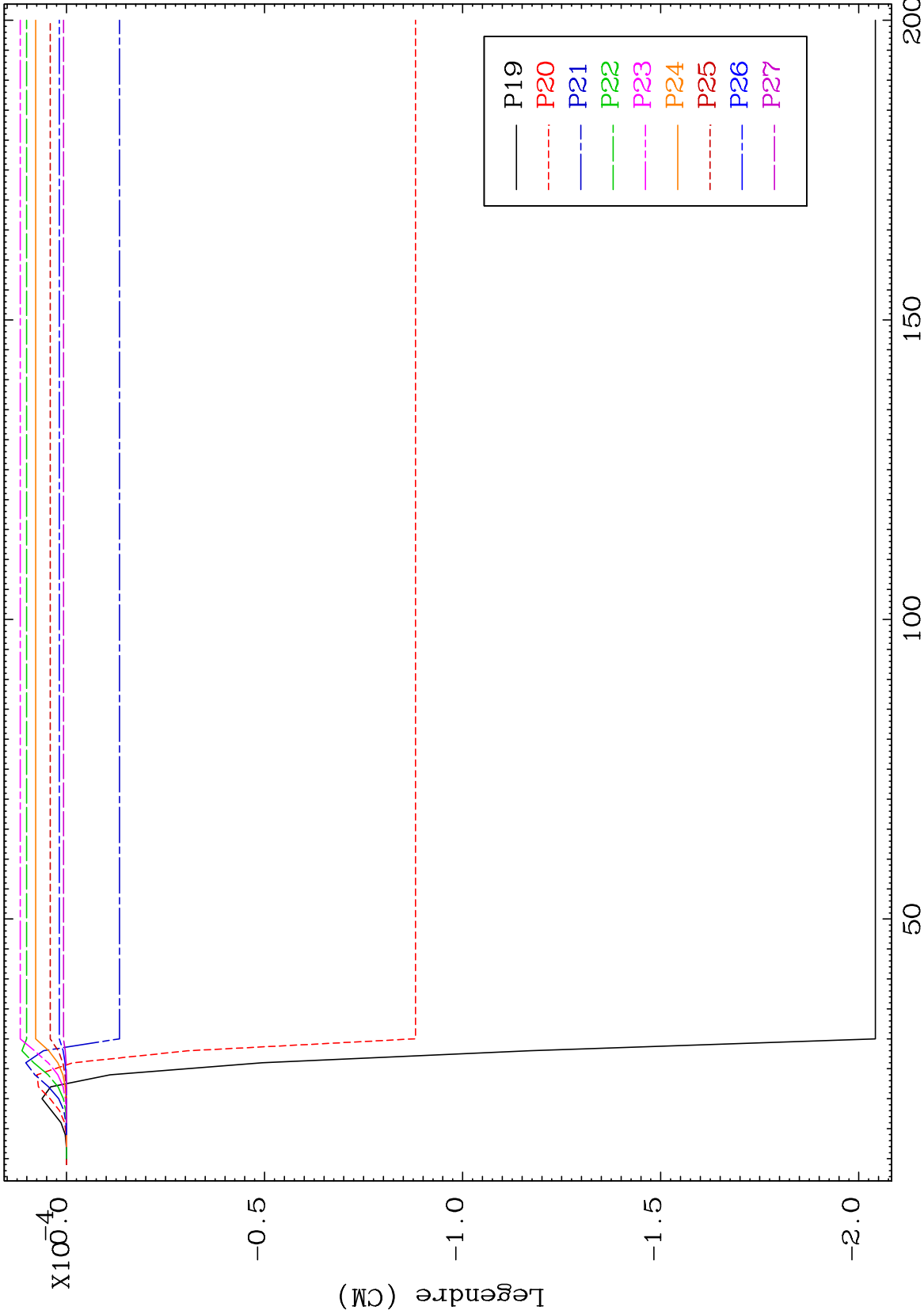
Incident Energy (MeV)

53-I -136

MAT 5352

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

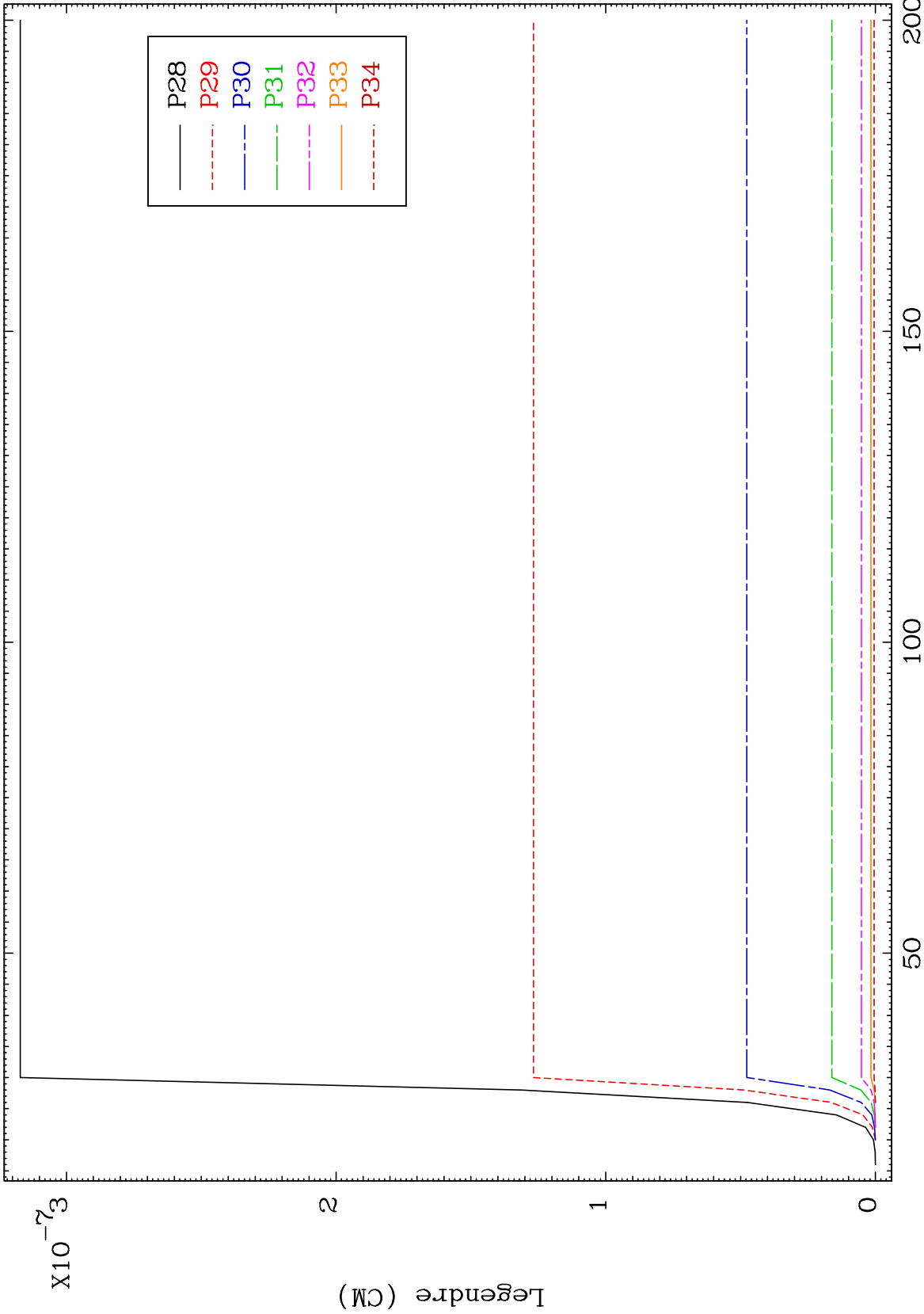
53-I -136

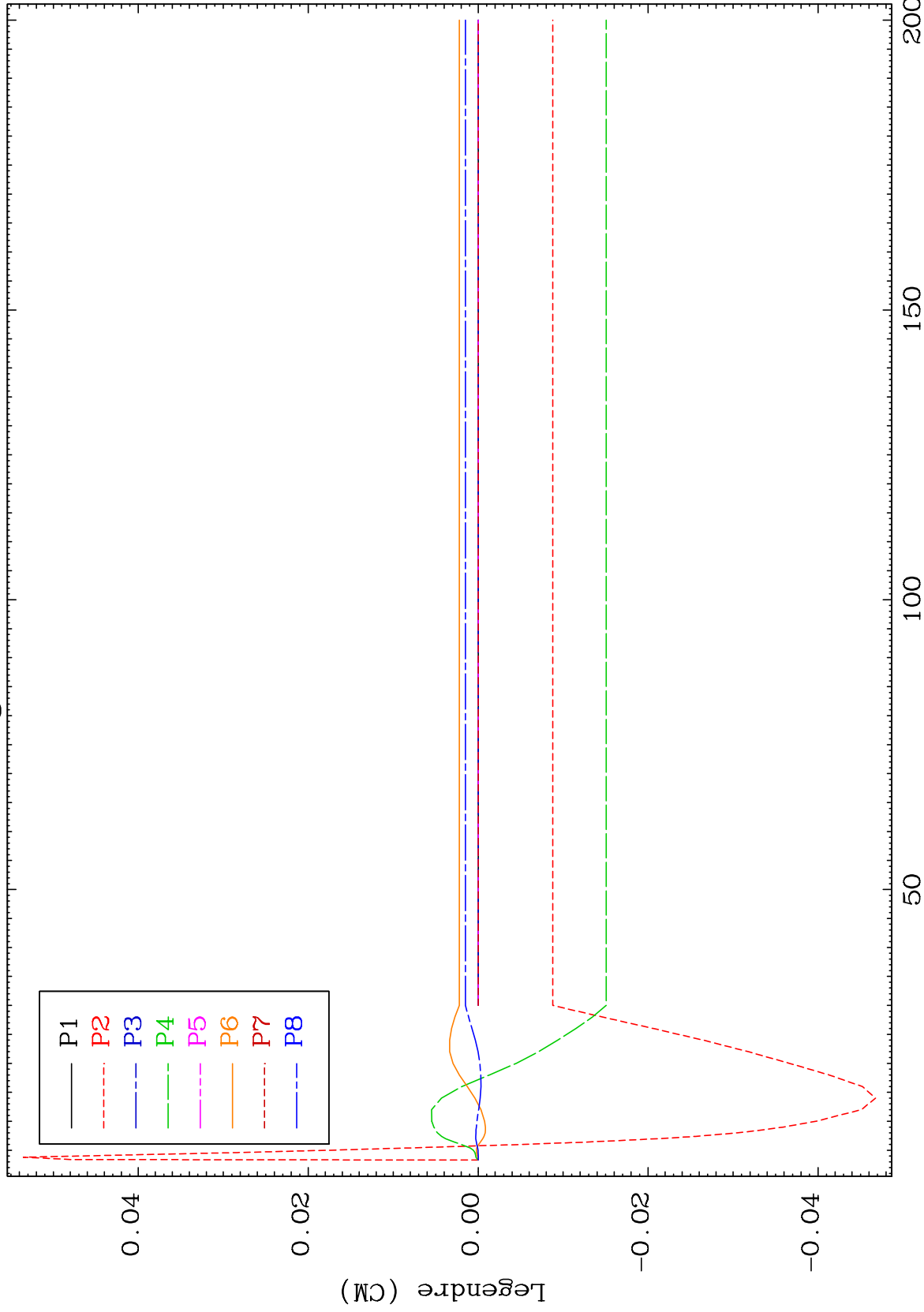


97

Incident Energy (MeV)

53-I -136

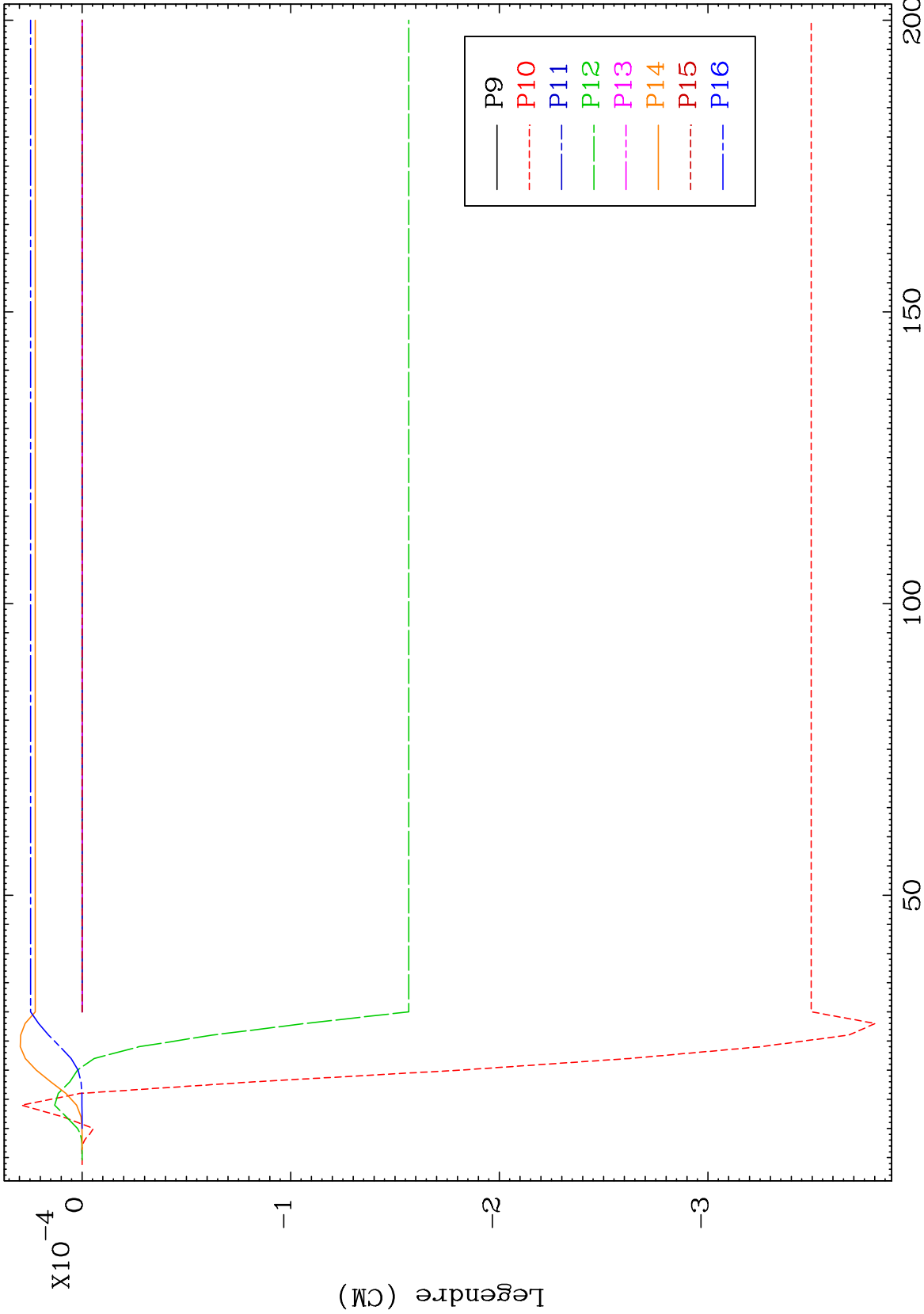




MAT 5352

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

53-I -136



100

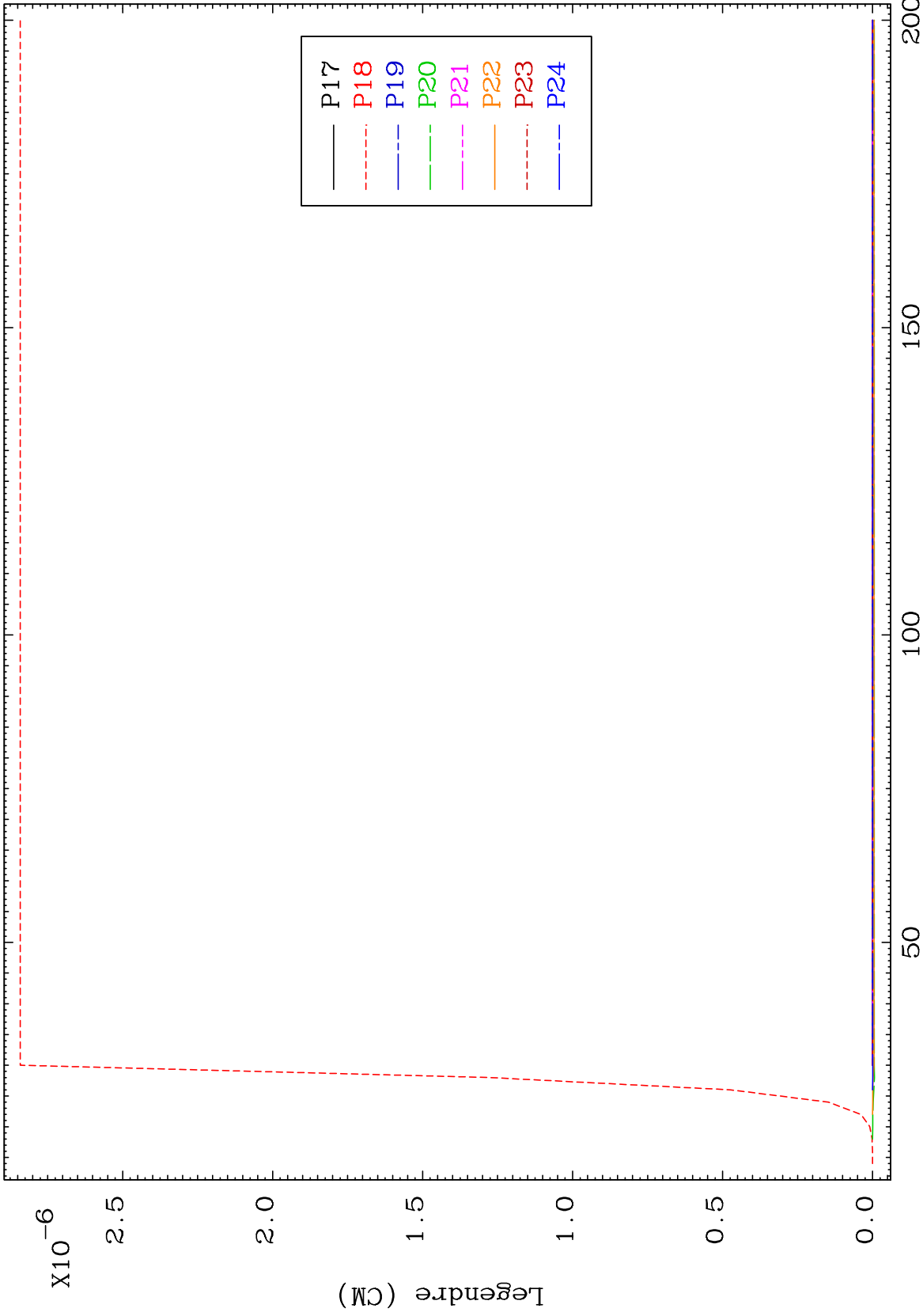
Incident Energy (MeV)

53-I -136

MAT 5352

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

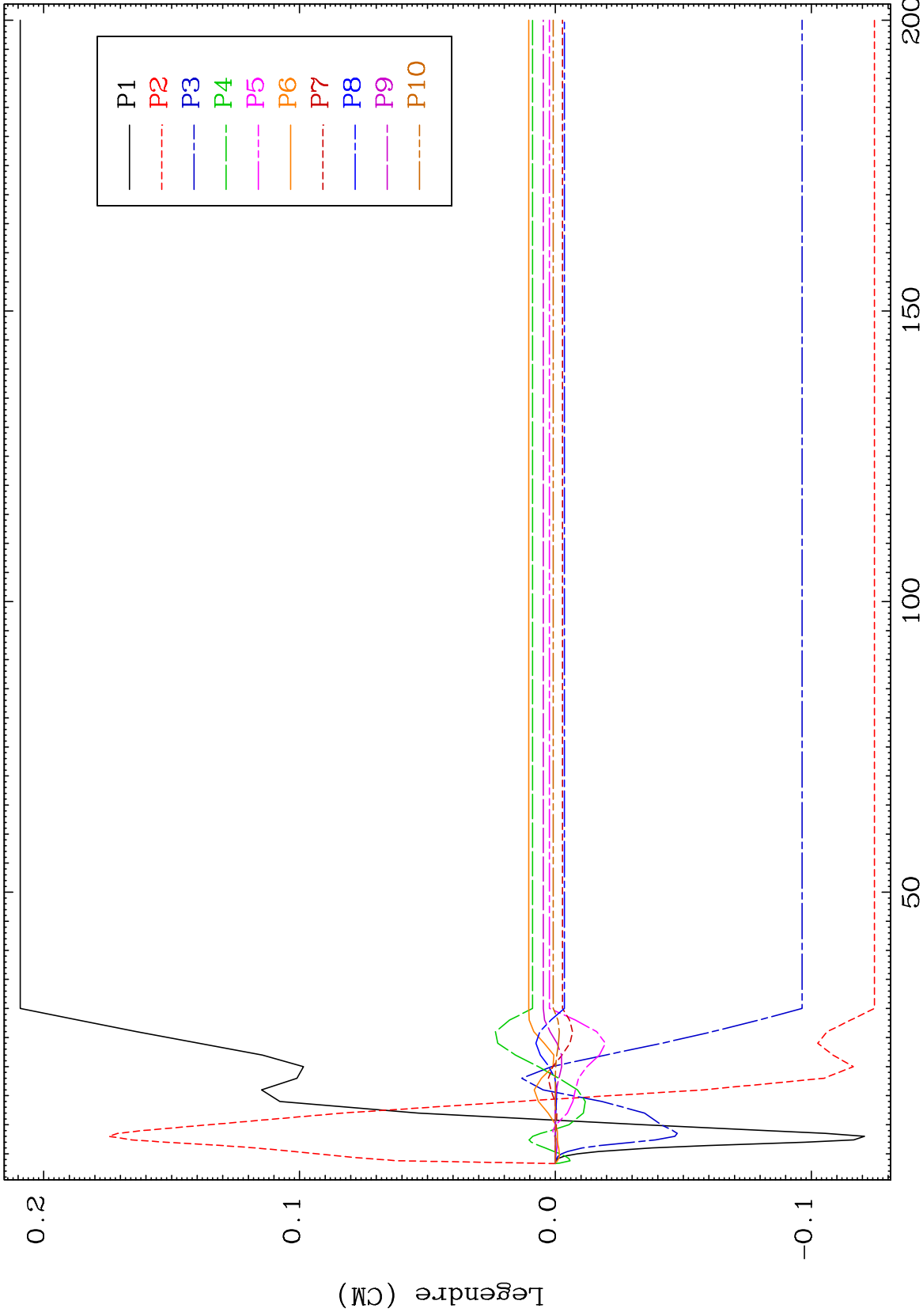
53-I -136



101

Incident Energy (MeV)

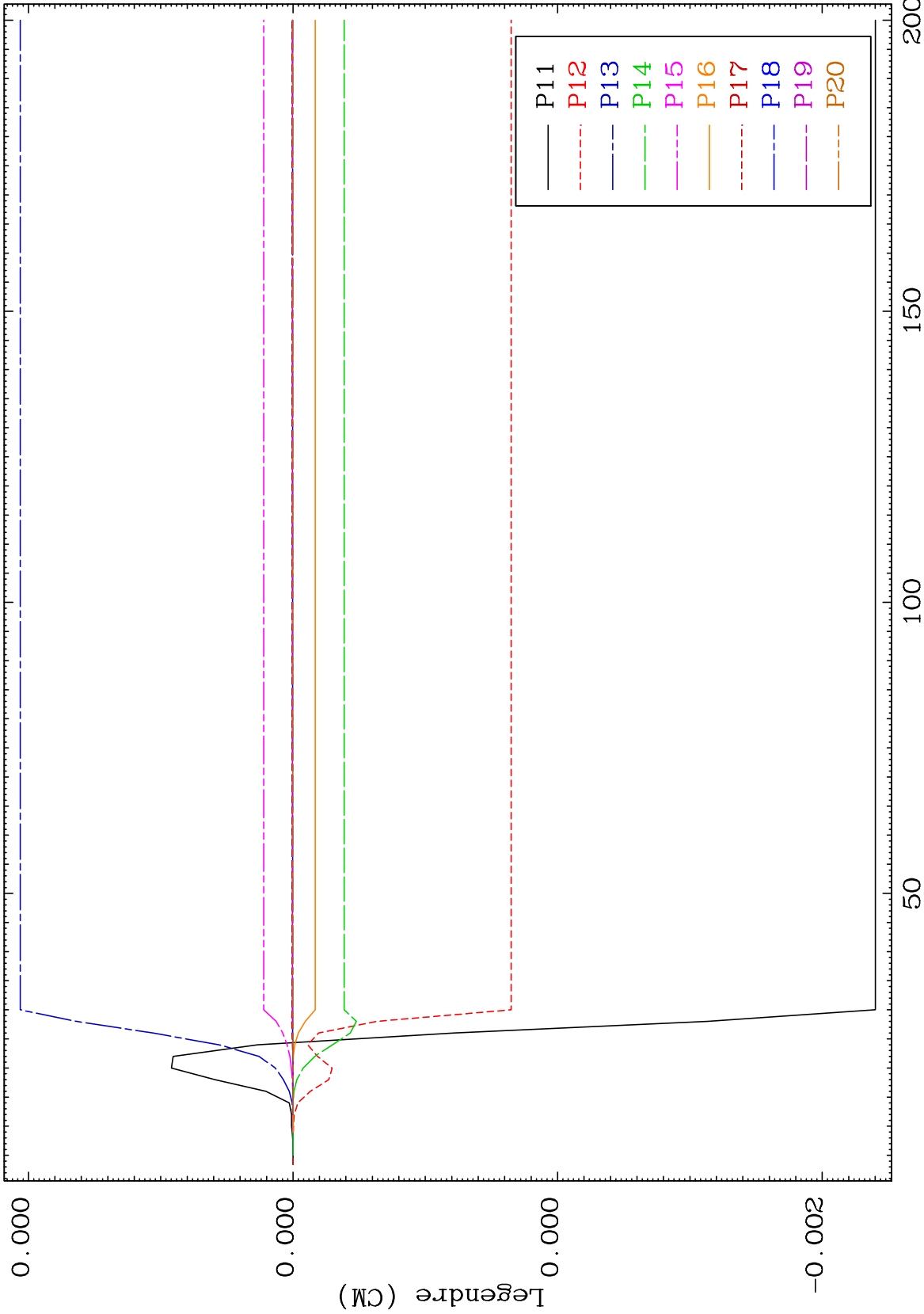
53-I -136



MAT 5352

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

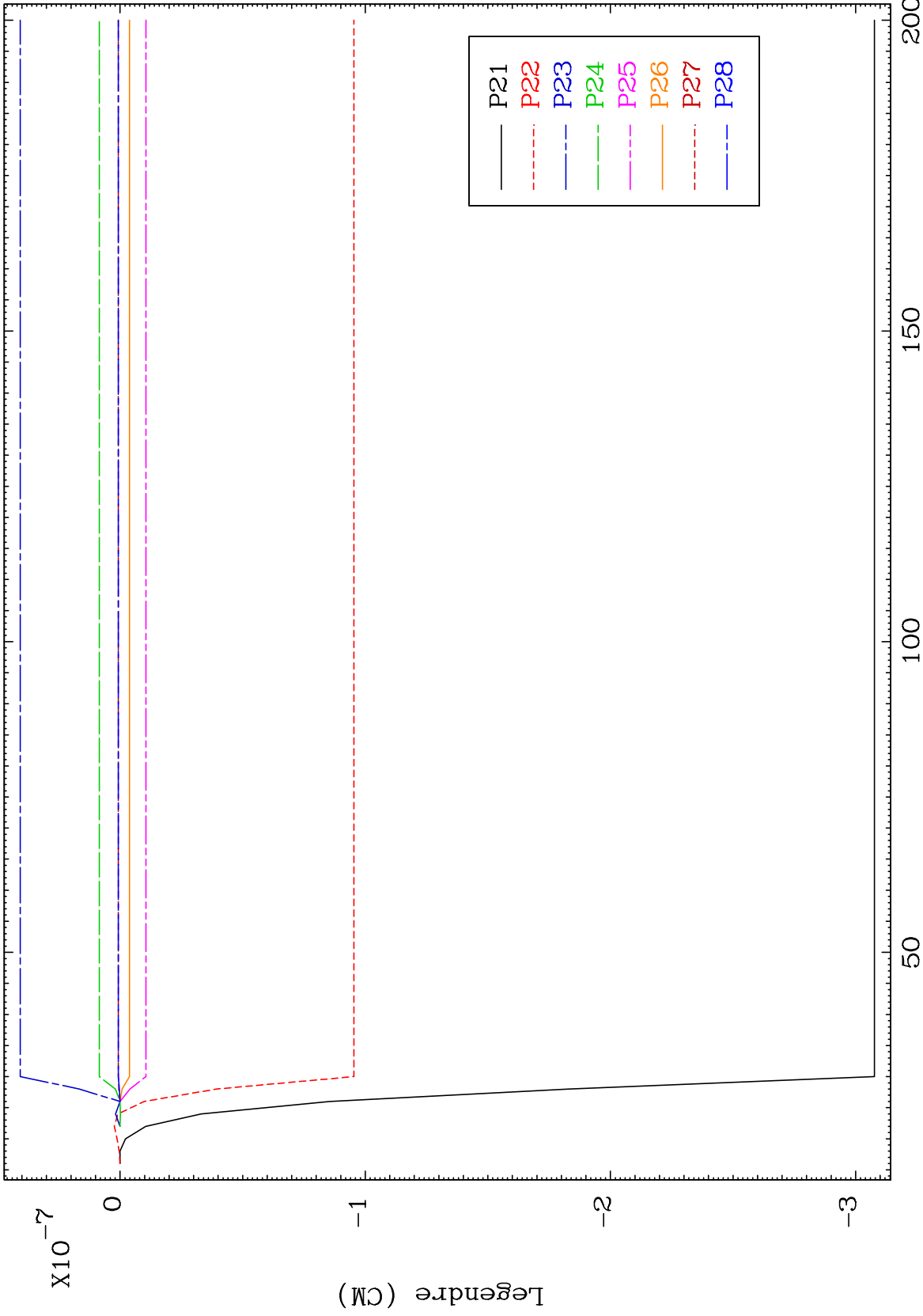
53-I -136



103

Incident Energy (MeV)

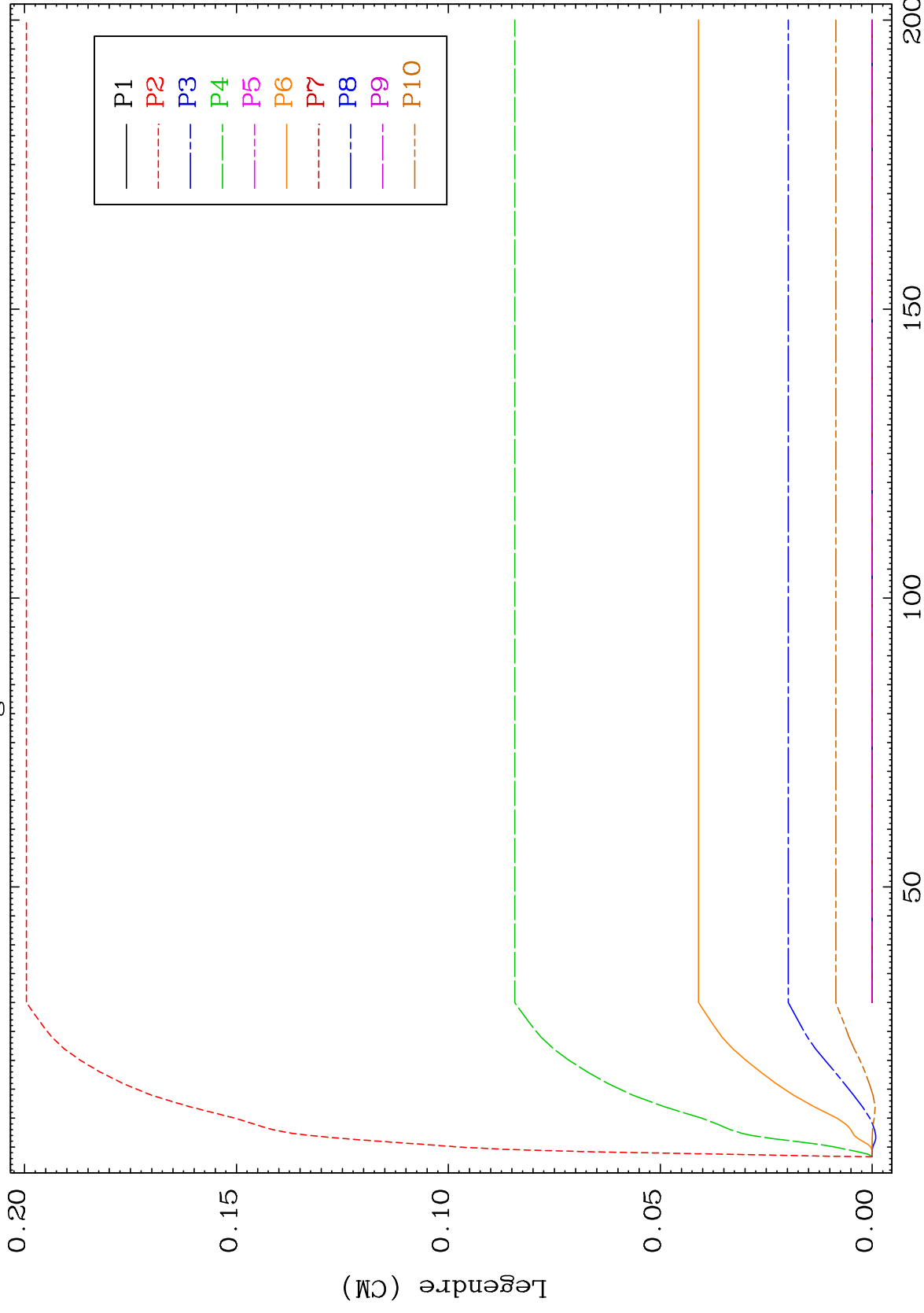
53-I -136



MAT 5352

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

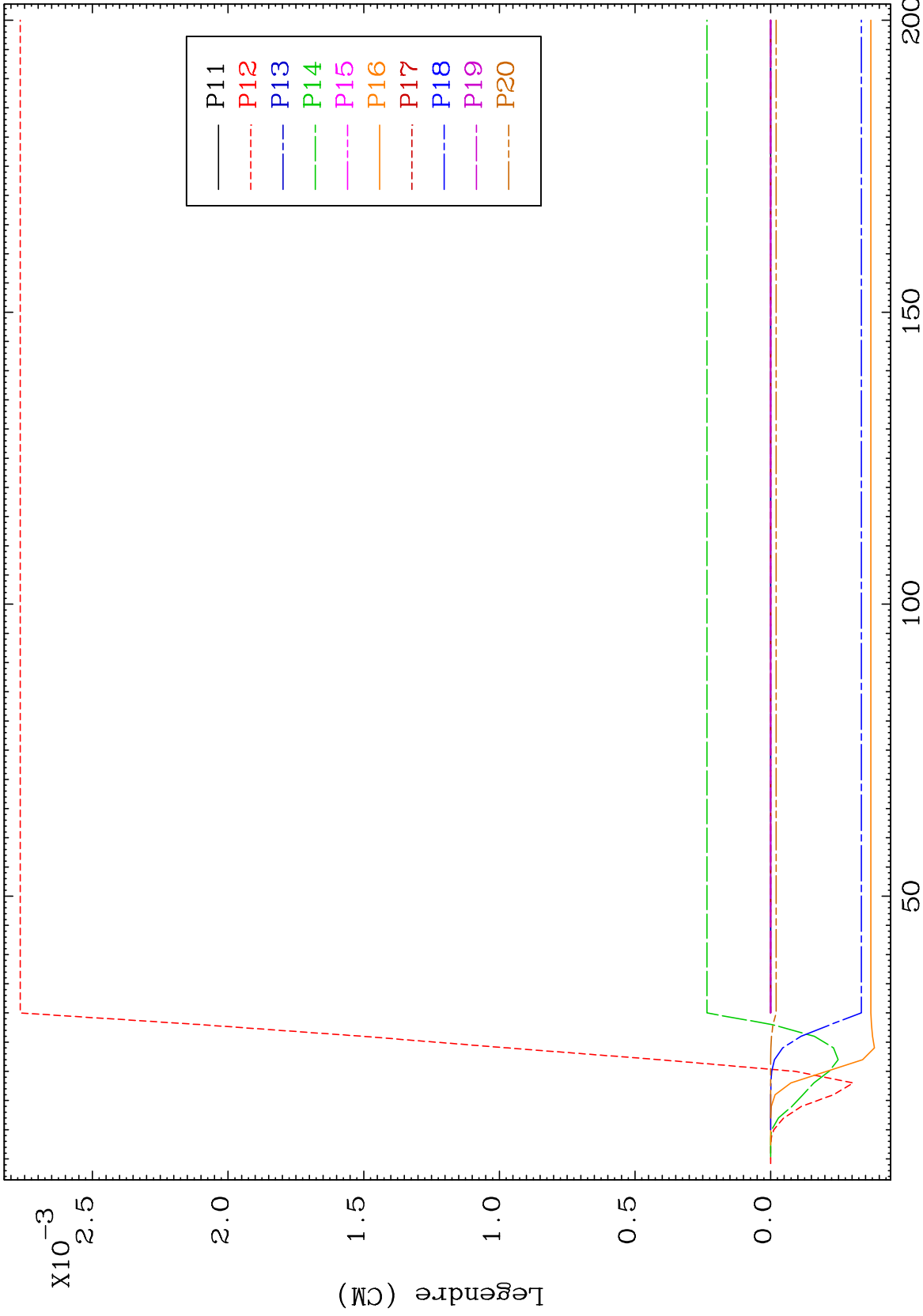
53-I -136



53-I -136

Incident Energy (MeV)

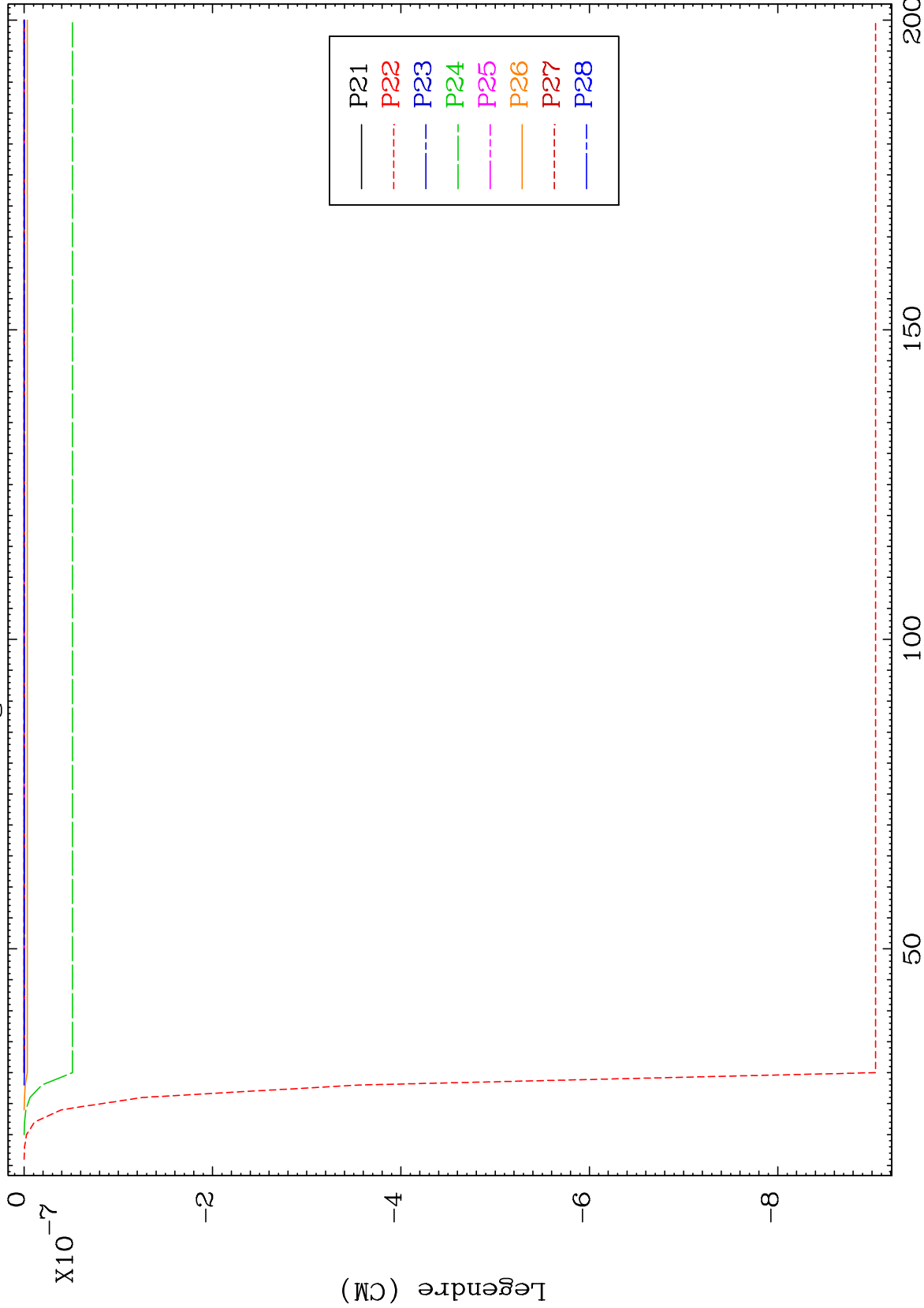
105



MAT 5352

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

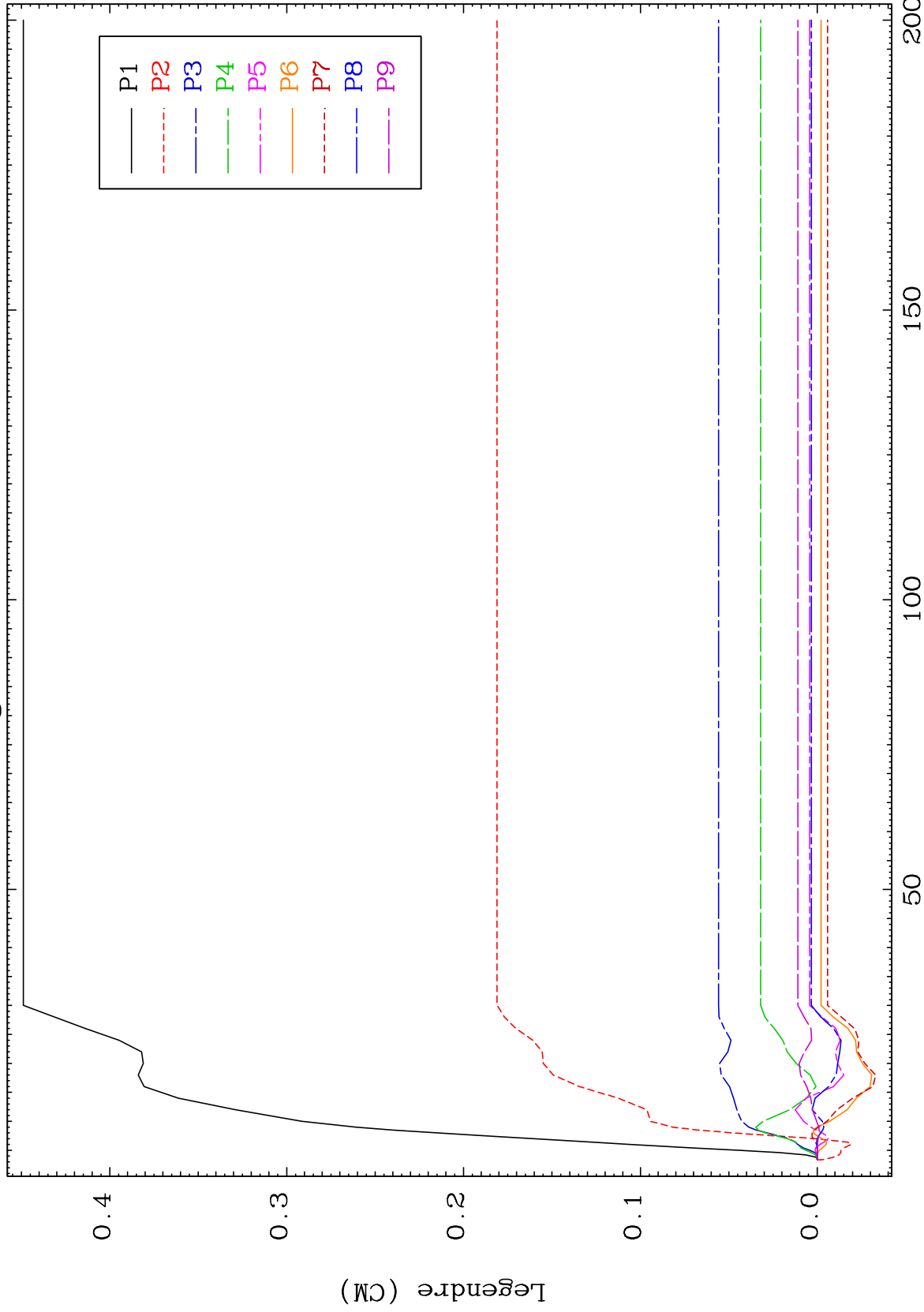
53-I -136

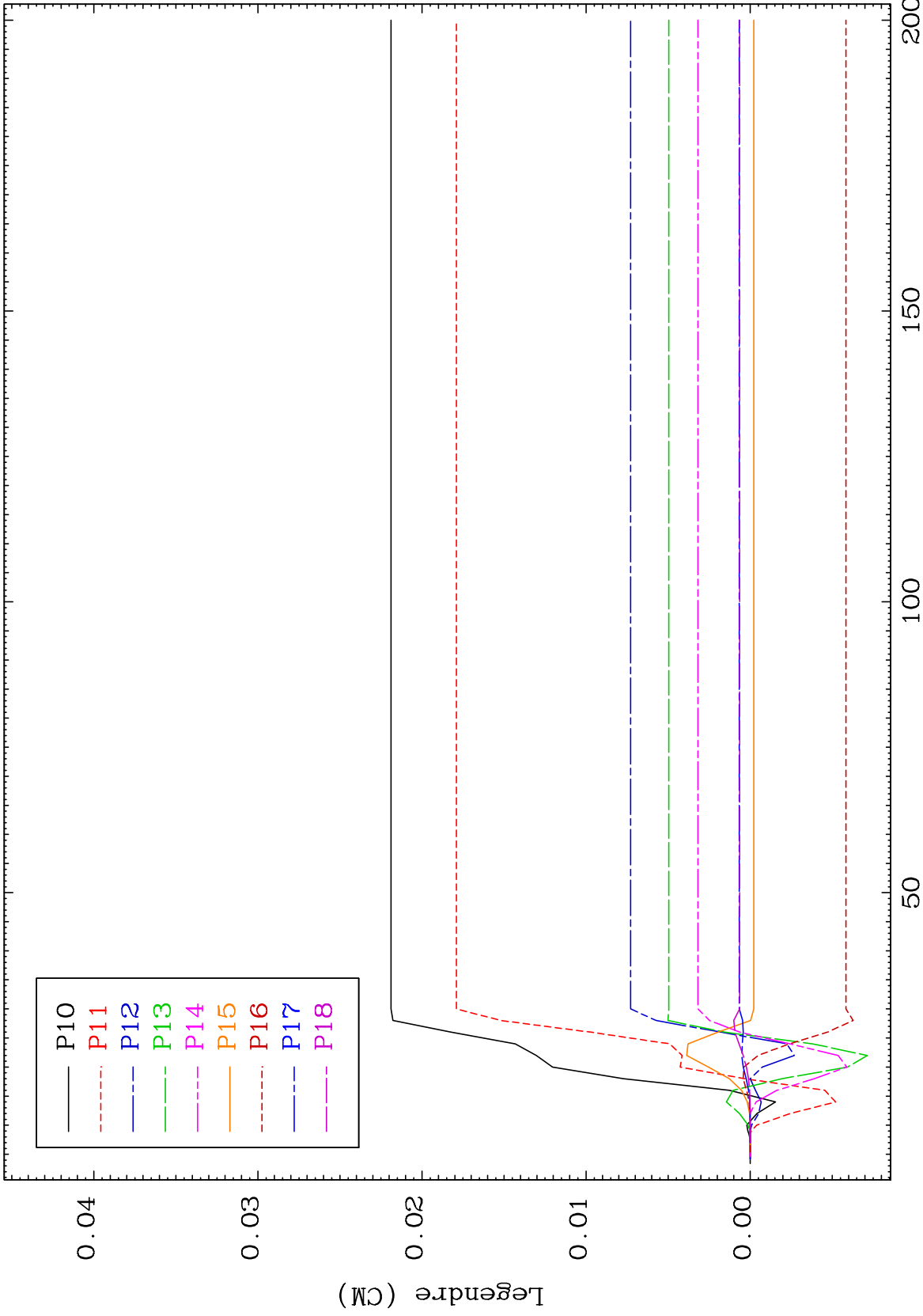


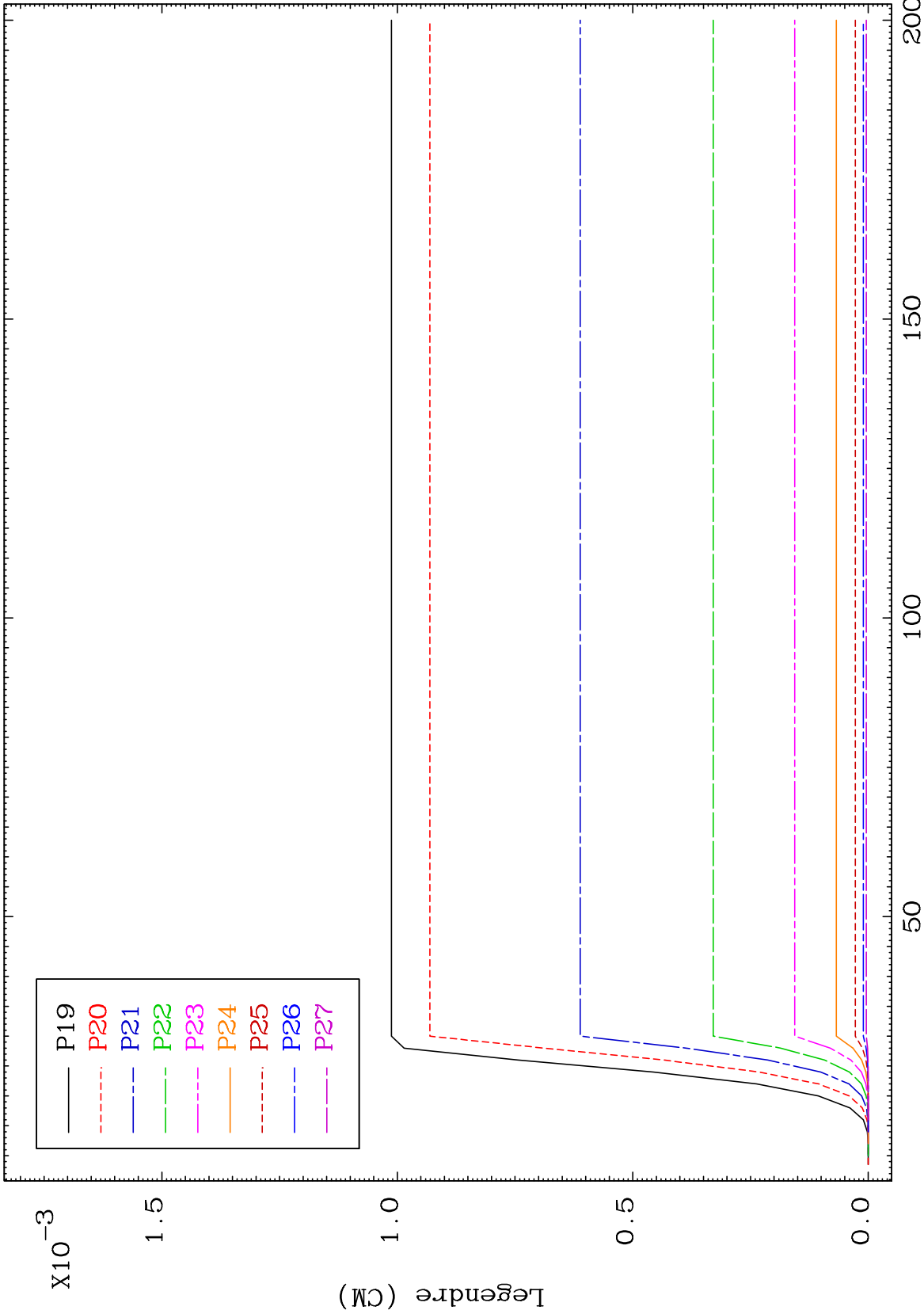
107

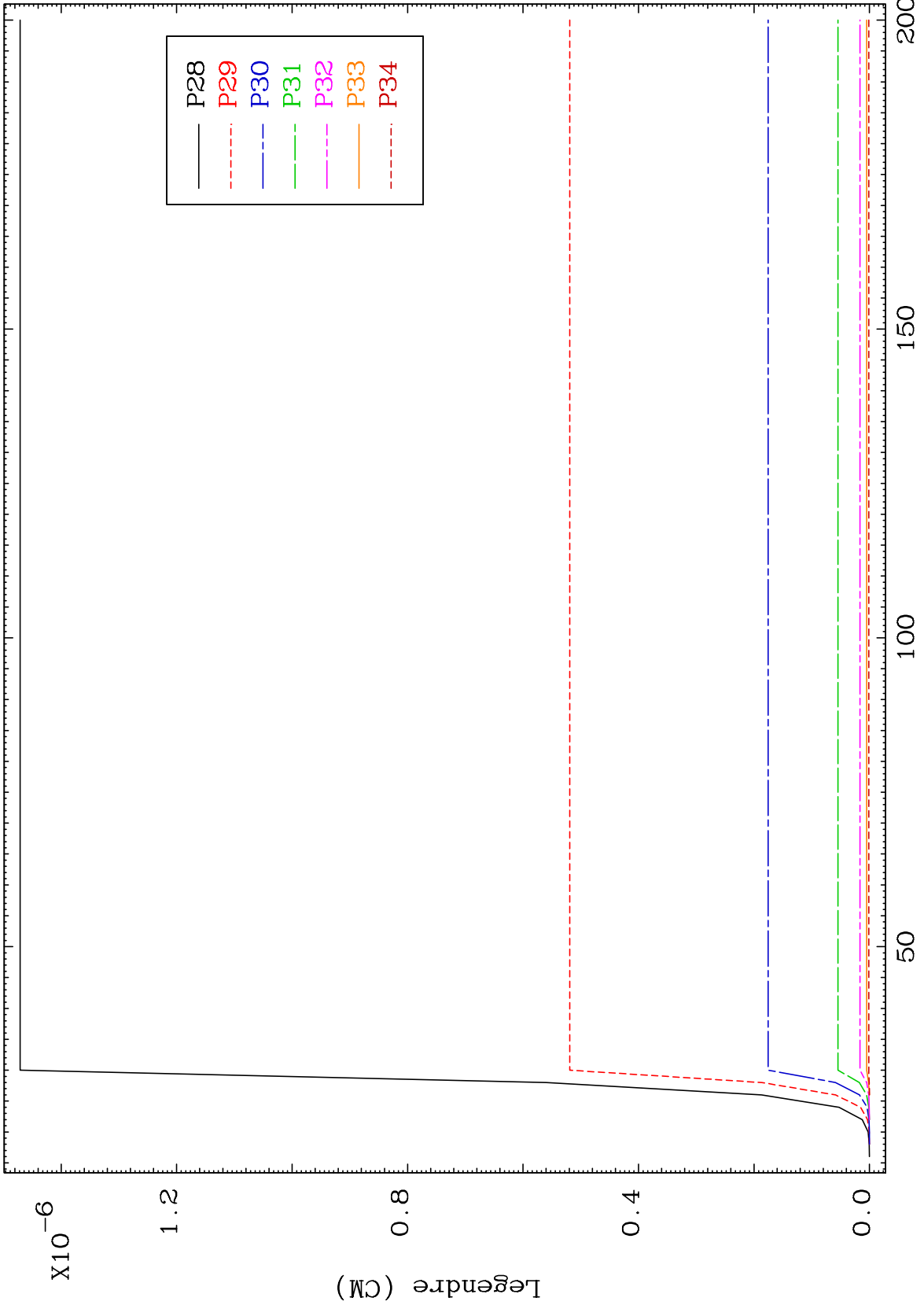
Incident Energy (MeV)

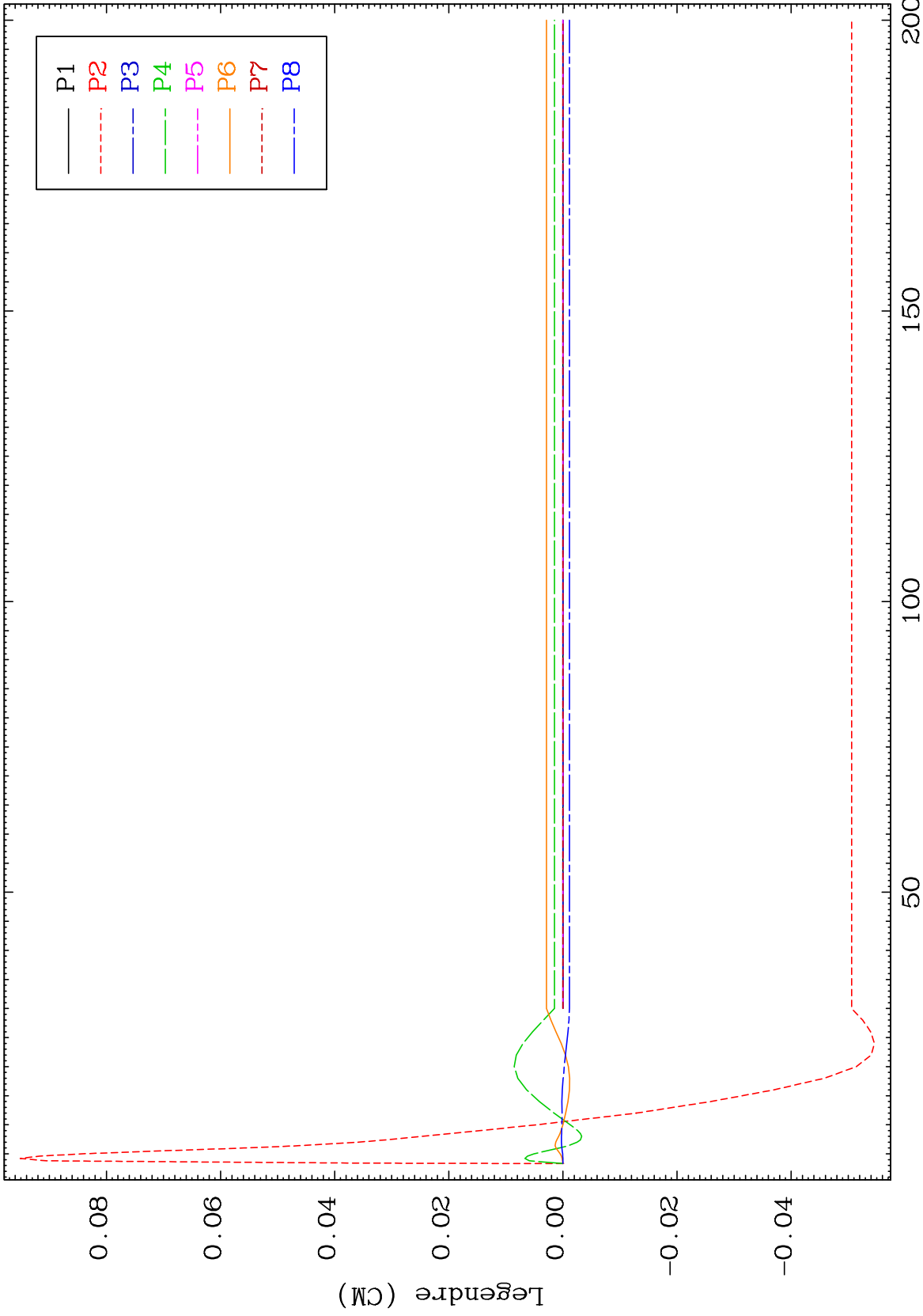
53-I -136

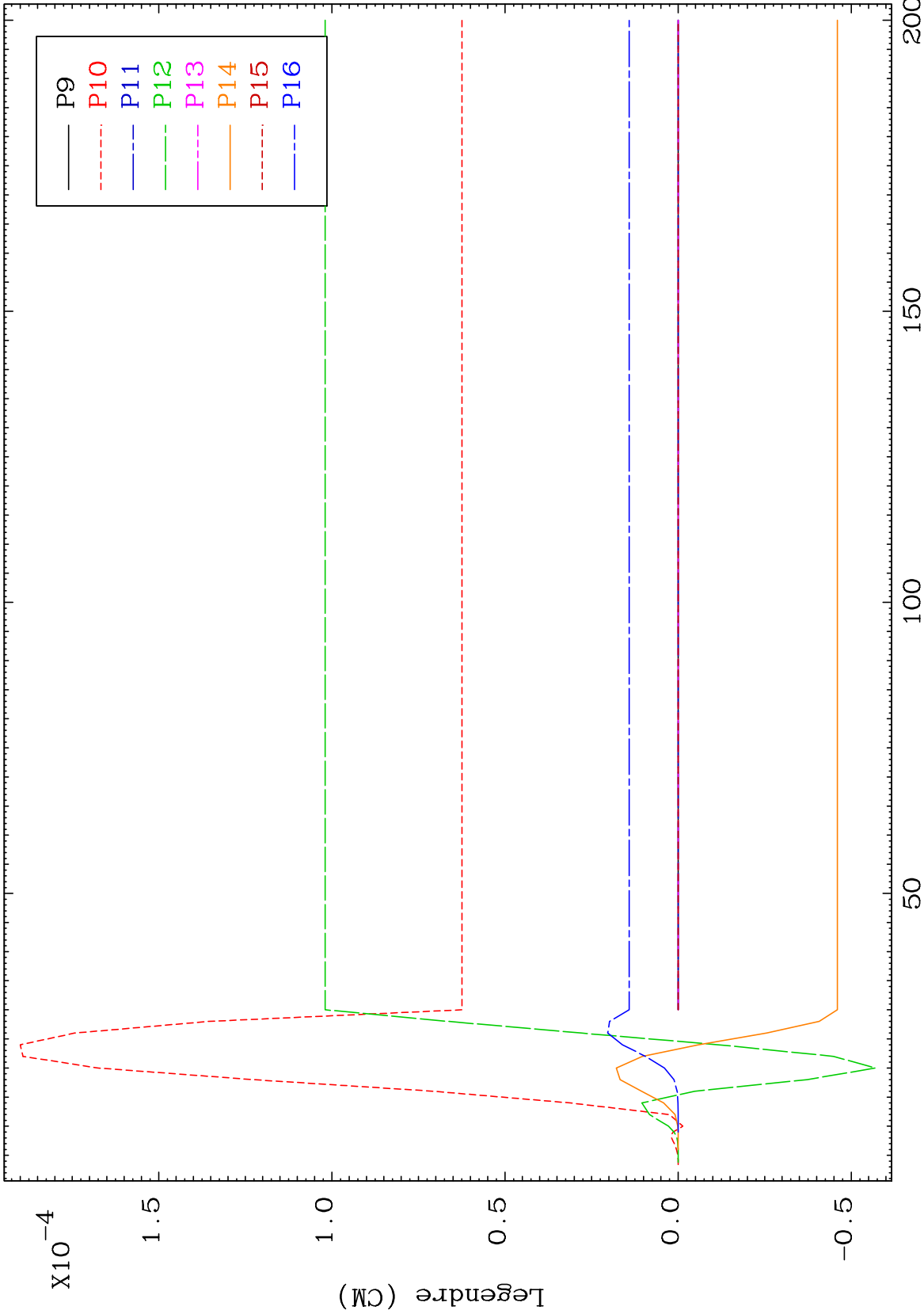








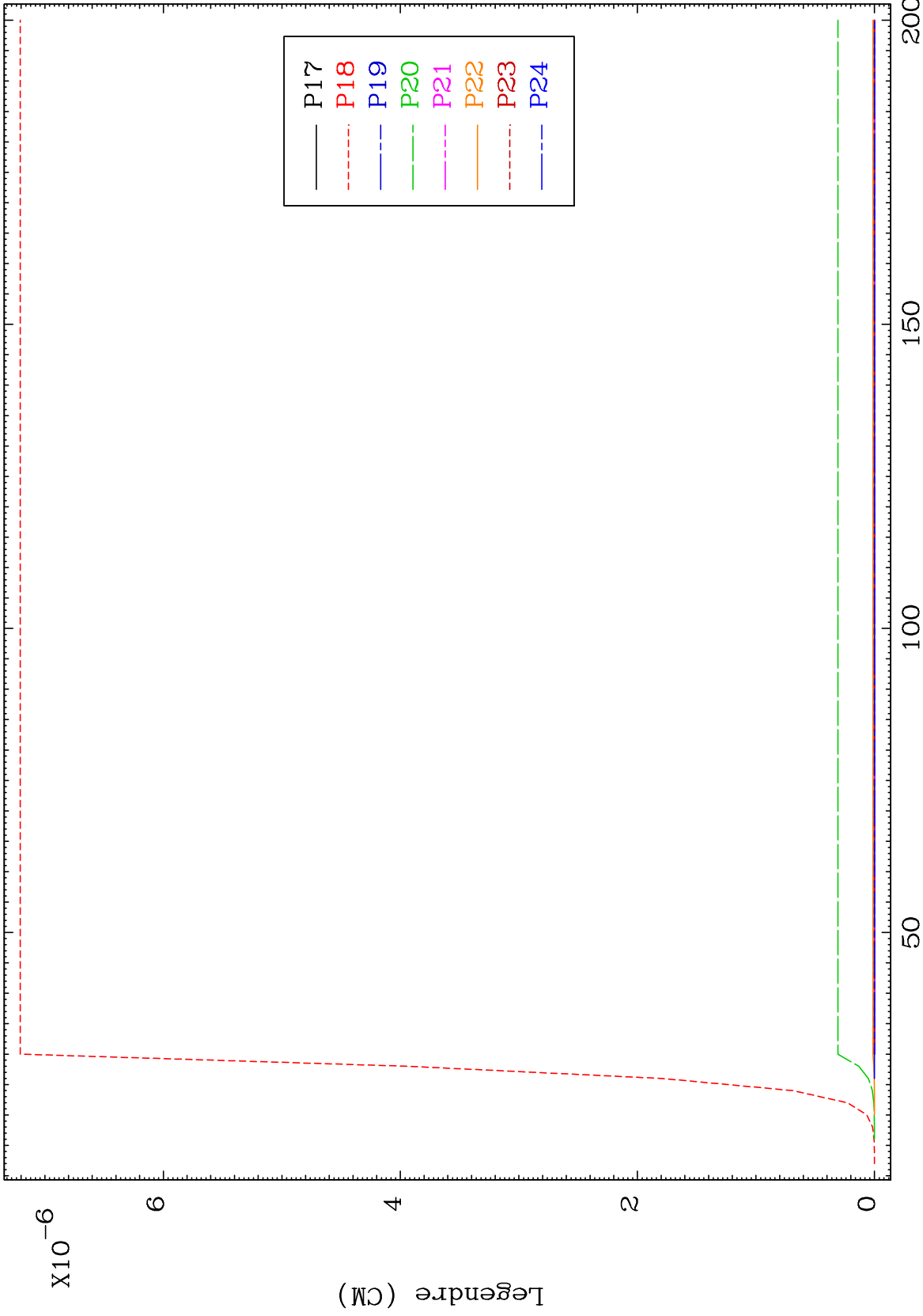




MAT 5352

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

53-I -136



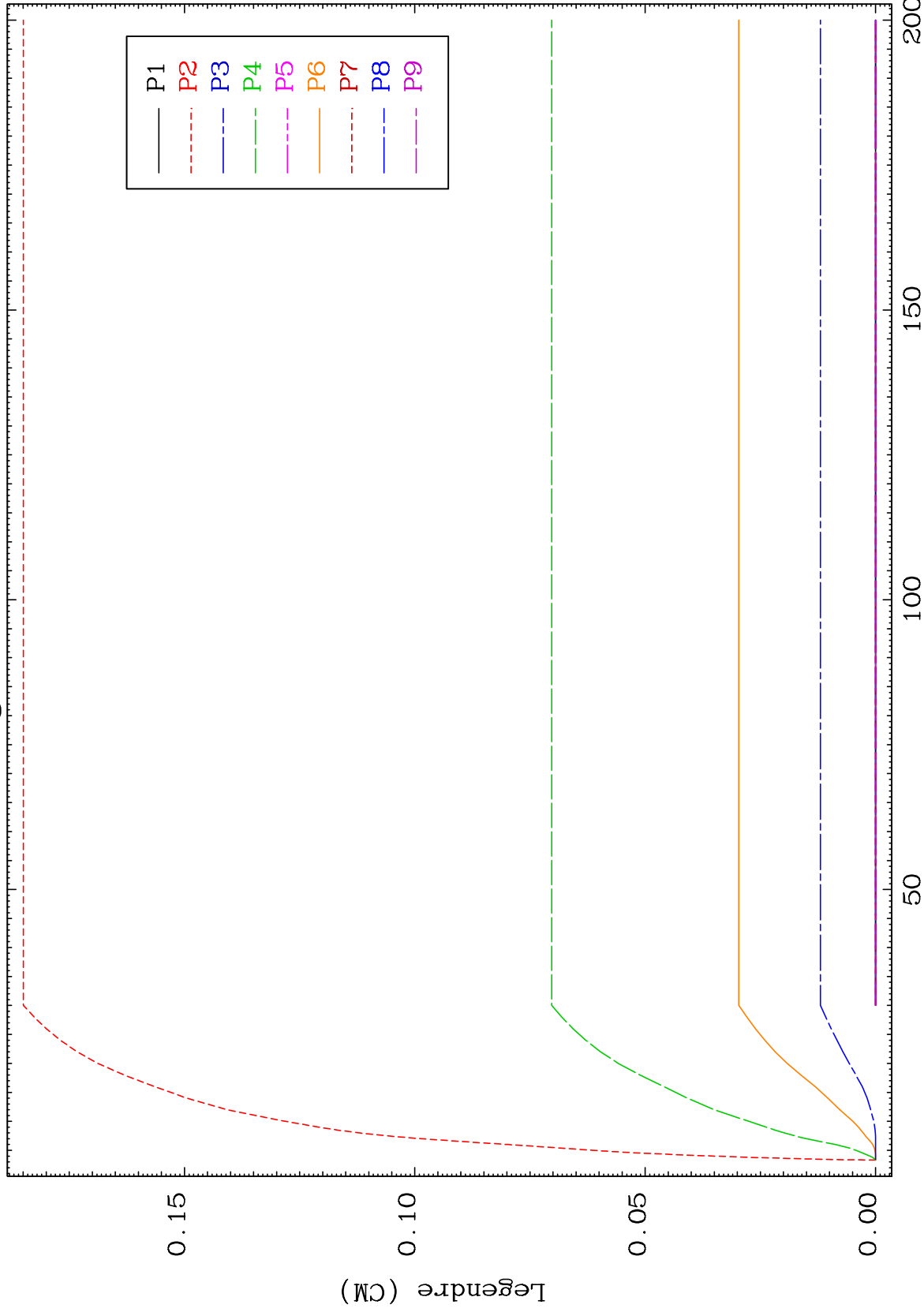
114

53-I -136

MAT 5352

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

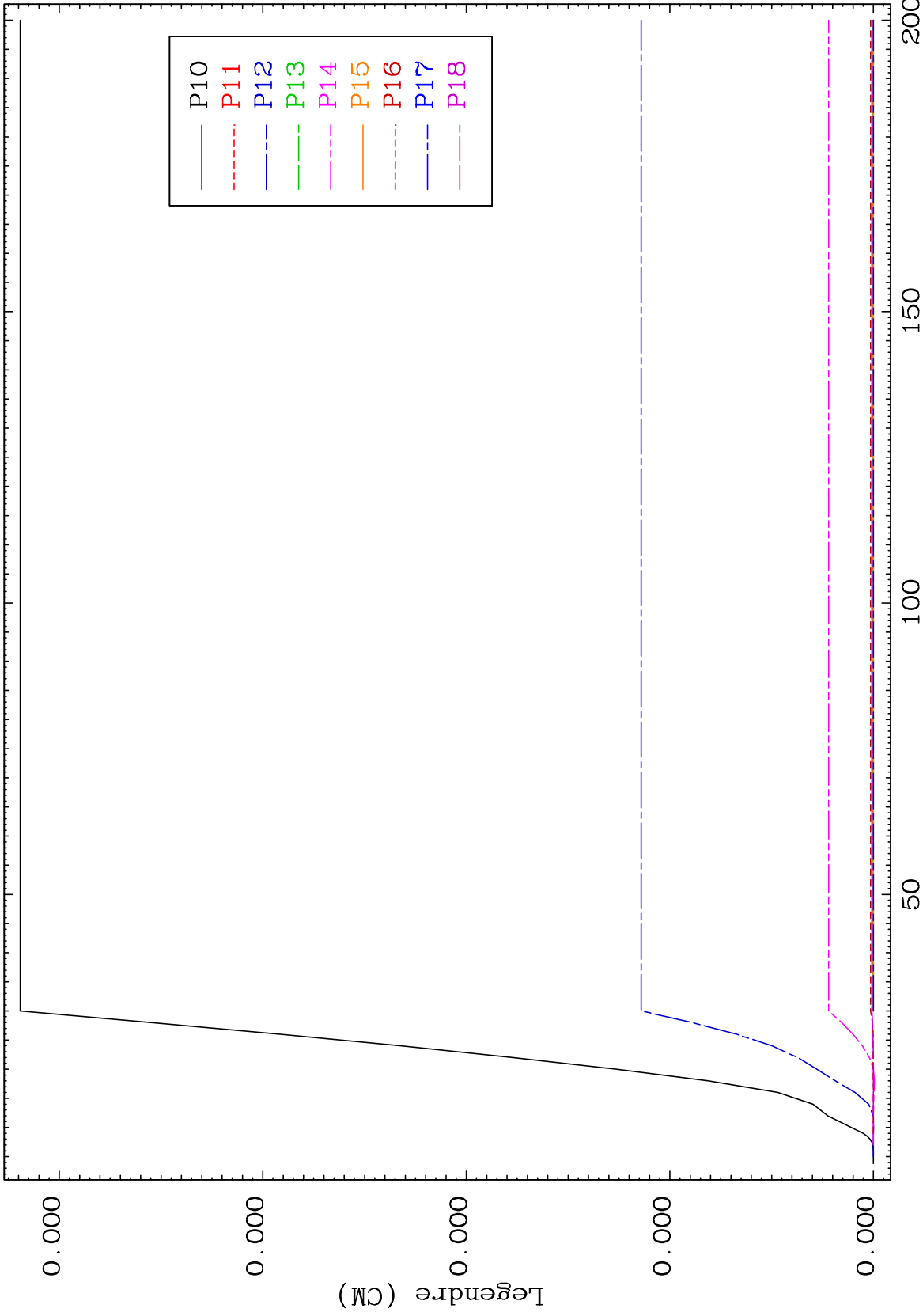
53-I -136



115

Incident Energy (MeV)

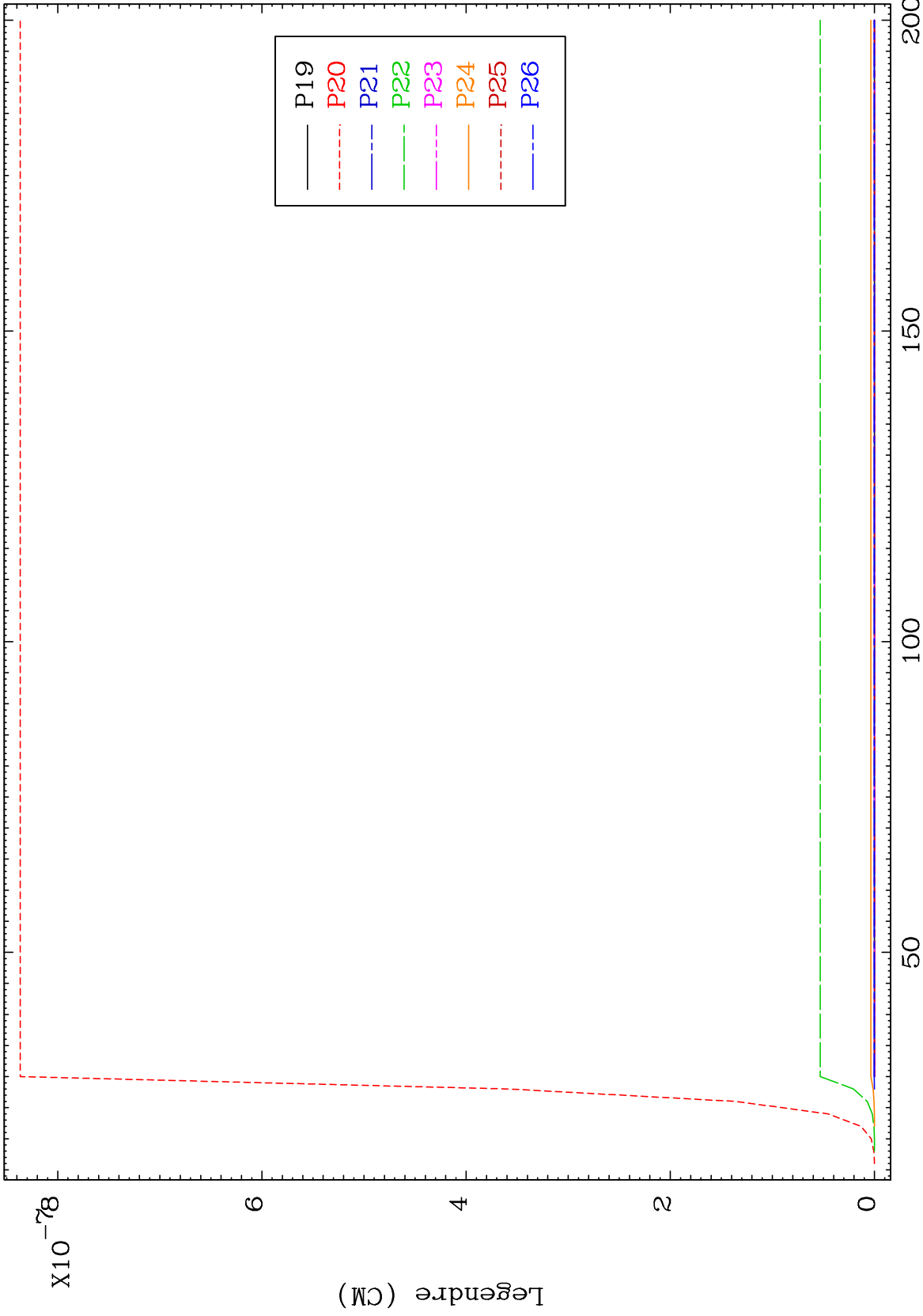
53-I -136



MAT 5352

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

53-I -136



117

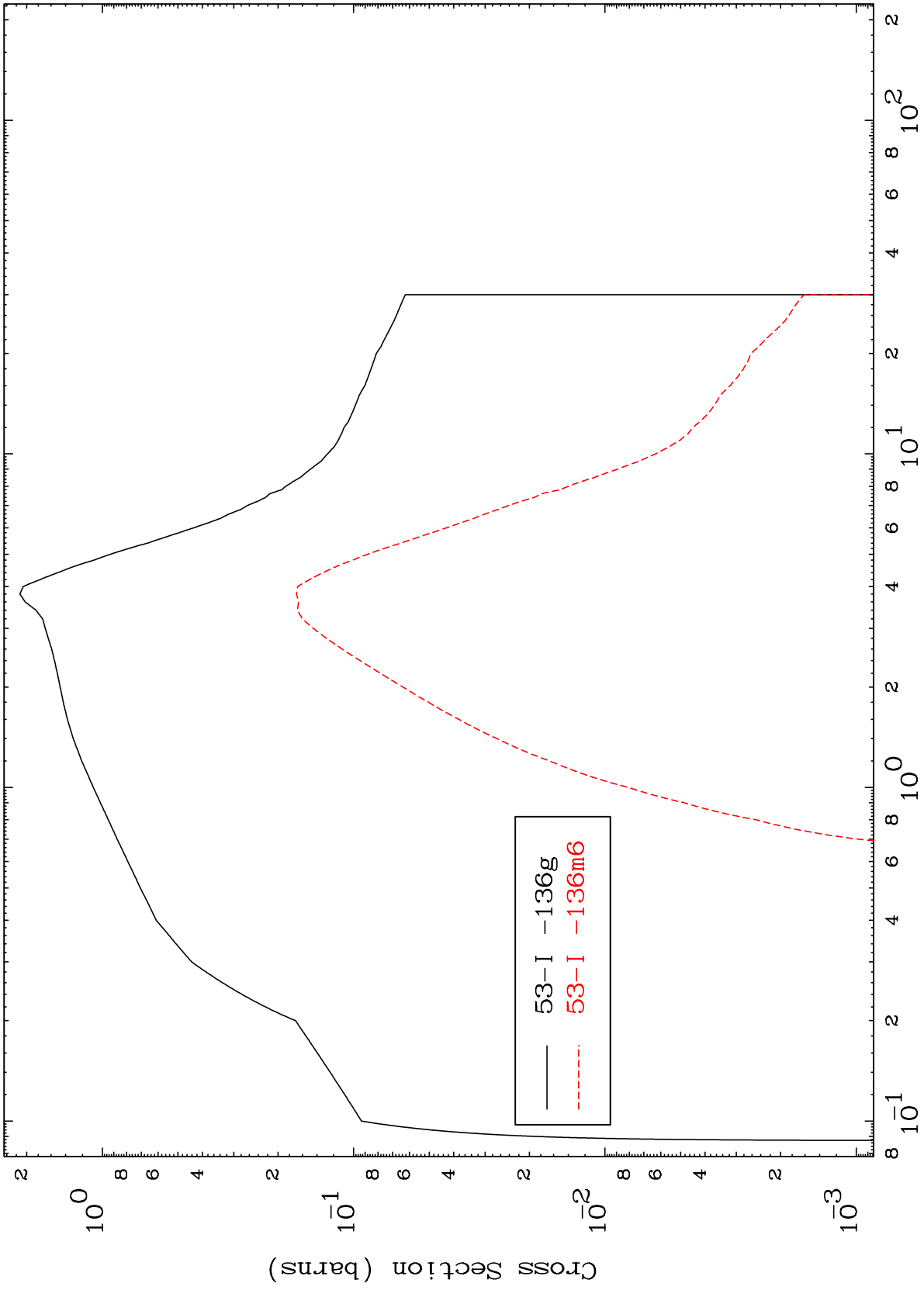
Incident Energy (MeV)

53-I -136

MAT 5352

53-I -136

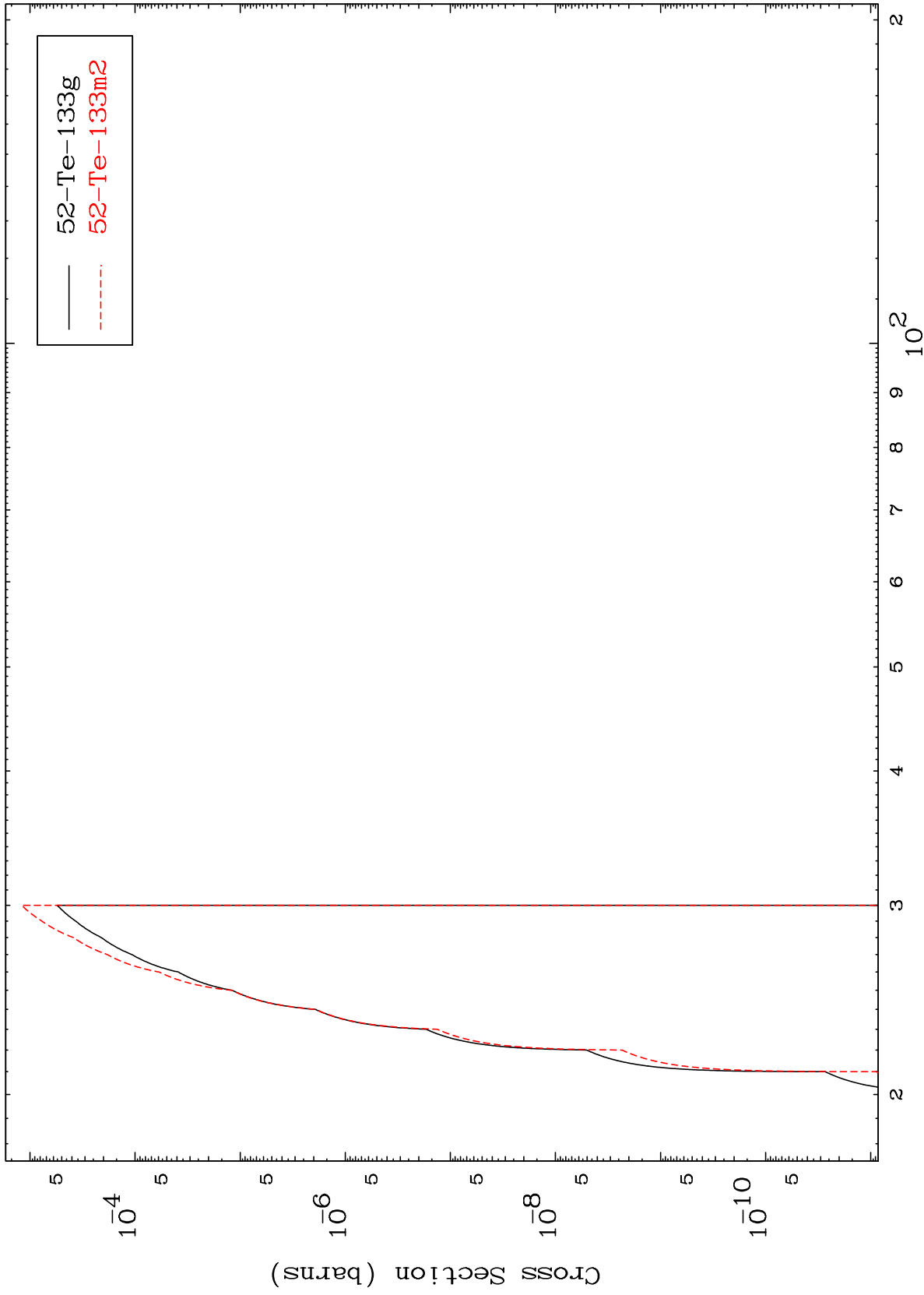
Inelastic
Radionuclide Production Cross Section



118

53-I -136

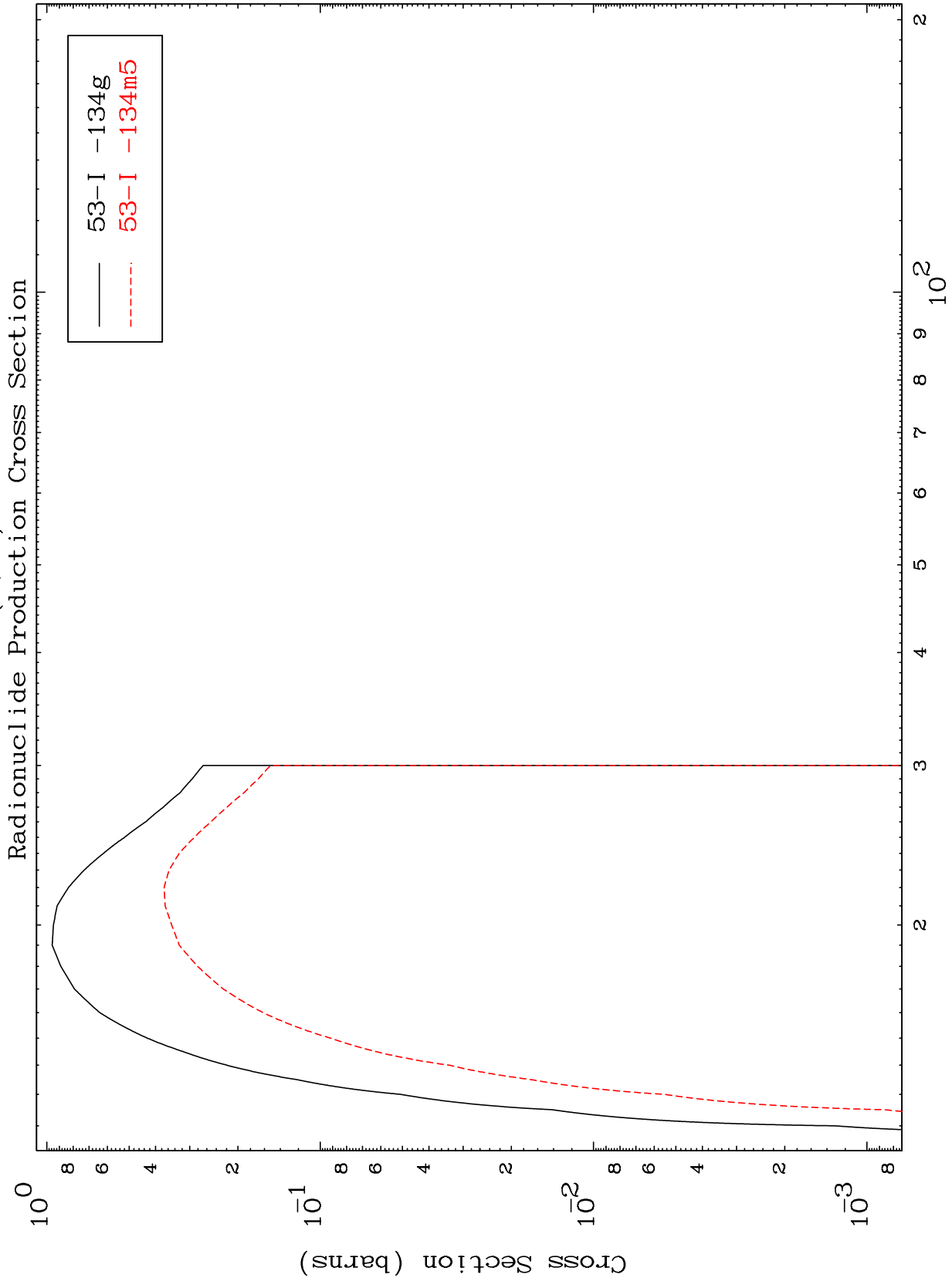
Radionuclide Production Cross Section



MAT 5352

(n,3n)

53-I -136



120

Incident Energy (MeV)

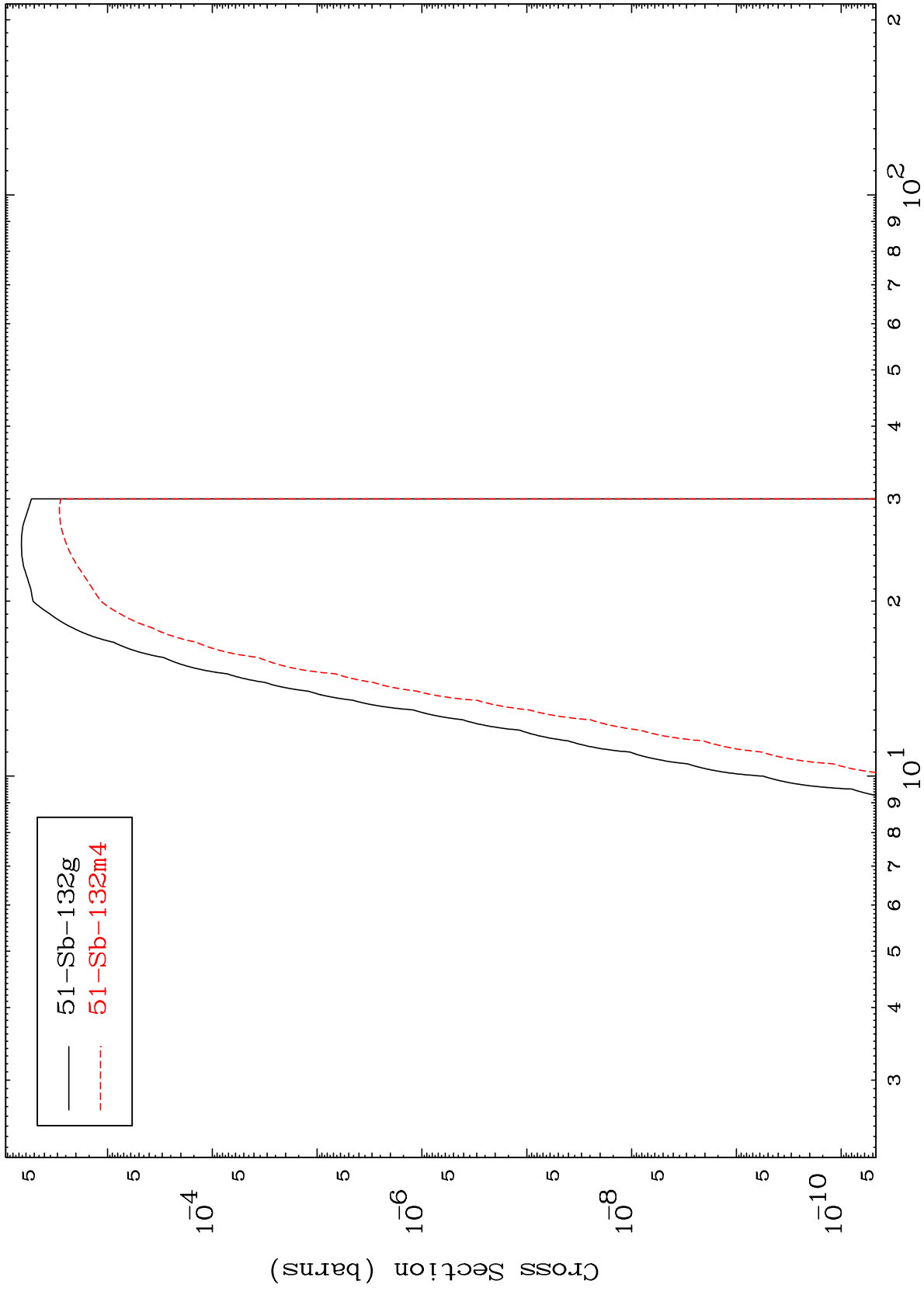
53-I -136

MAT 5352

(n,n') α

53-I -136

Radionuclide Production Cross Section

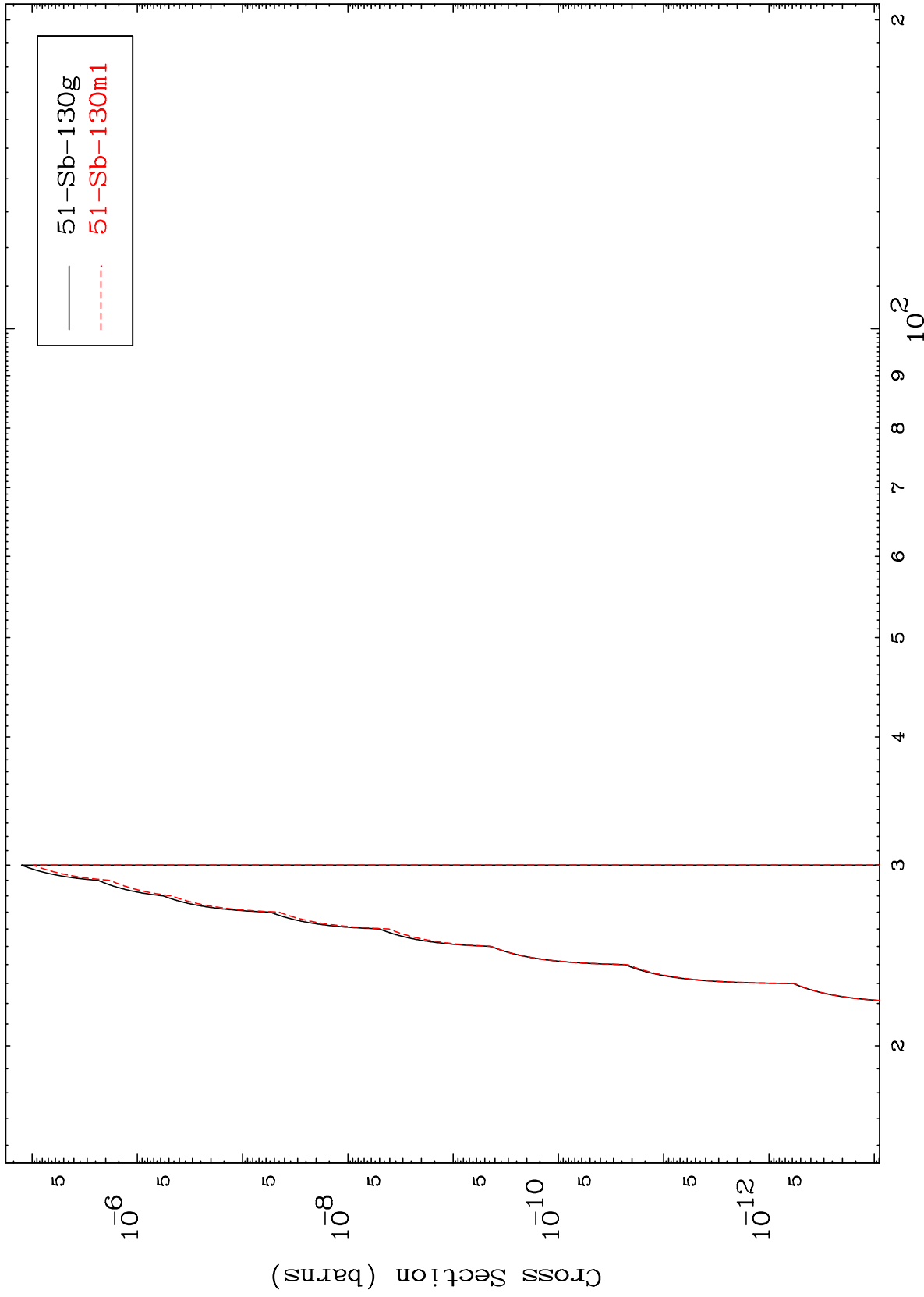


121

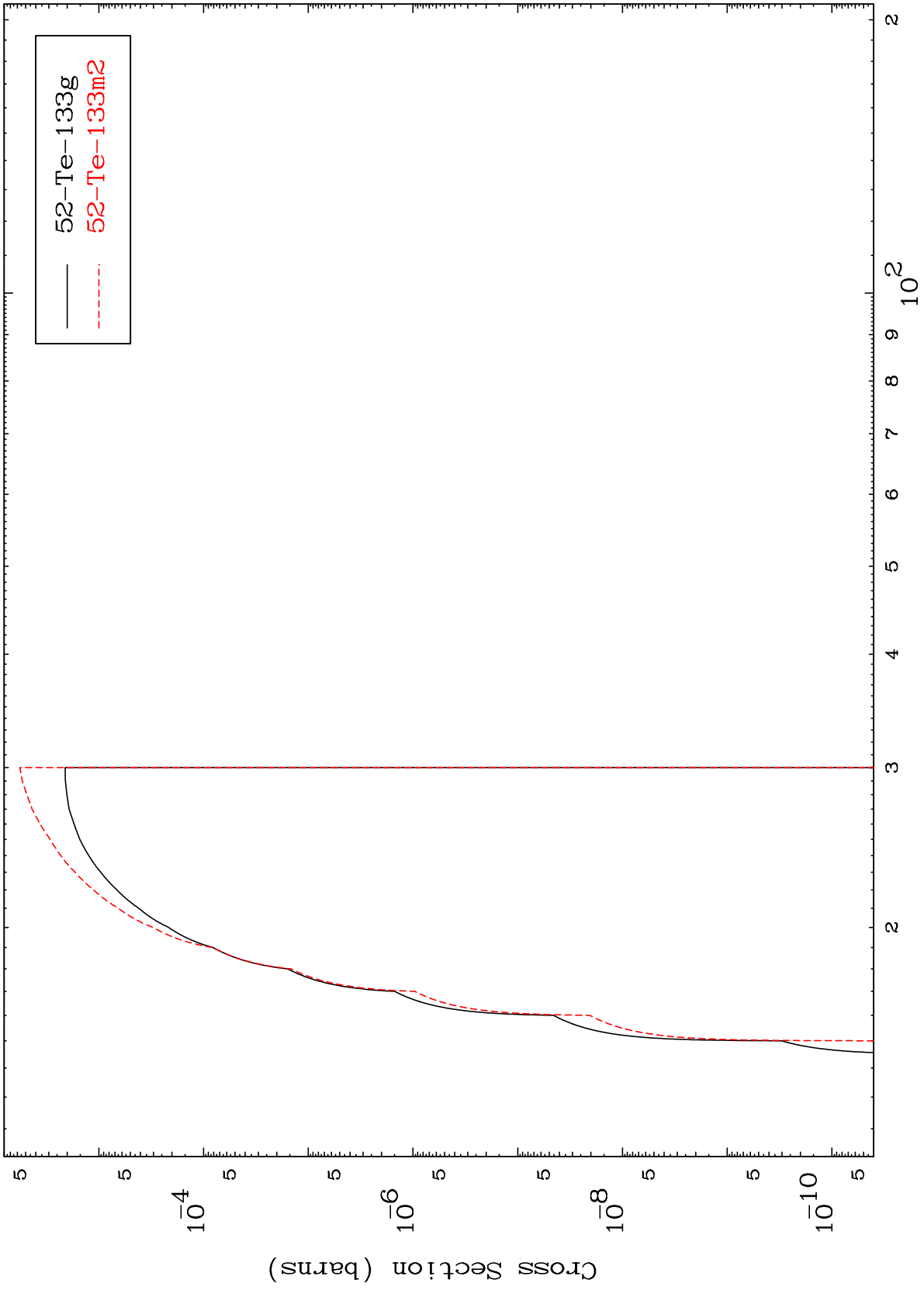
Incident Energy (MeV)

53-I -136

Radionuclide Production Cross Section



Radionuclide Production Cross Section

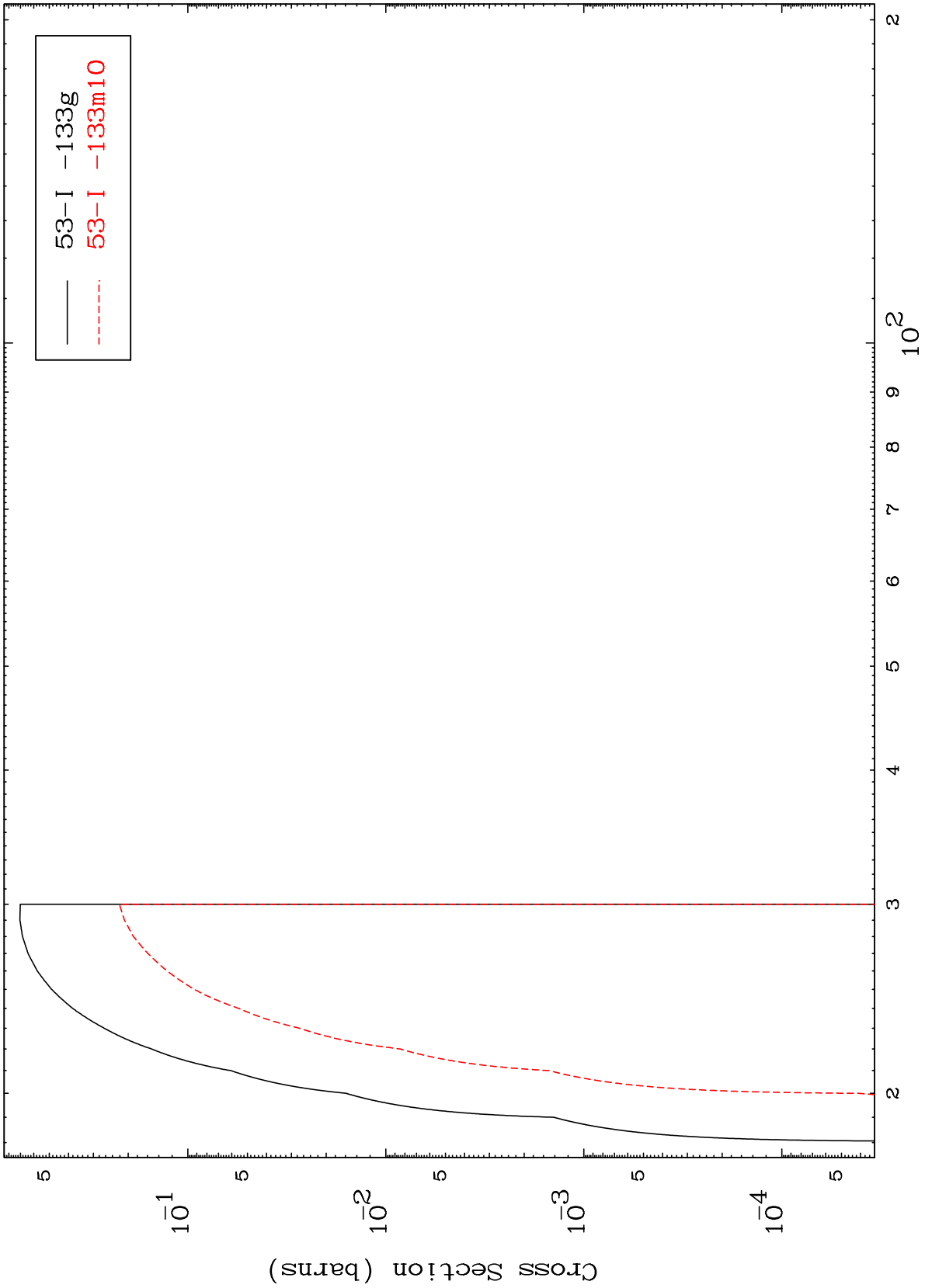


MAT 5352

(n,4n)

53-I -136

Radionuclide Production Cross Section



124

Incident Energy (MeV)

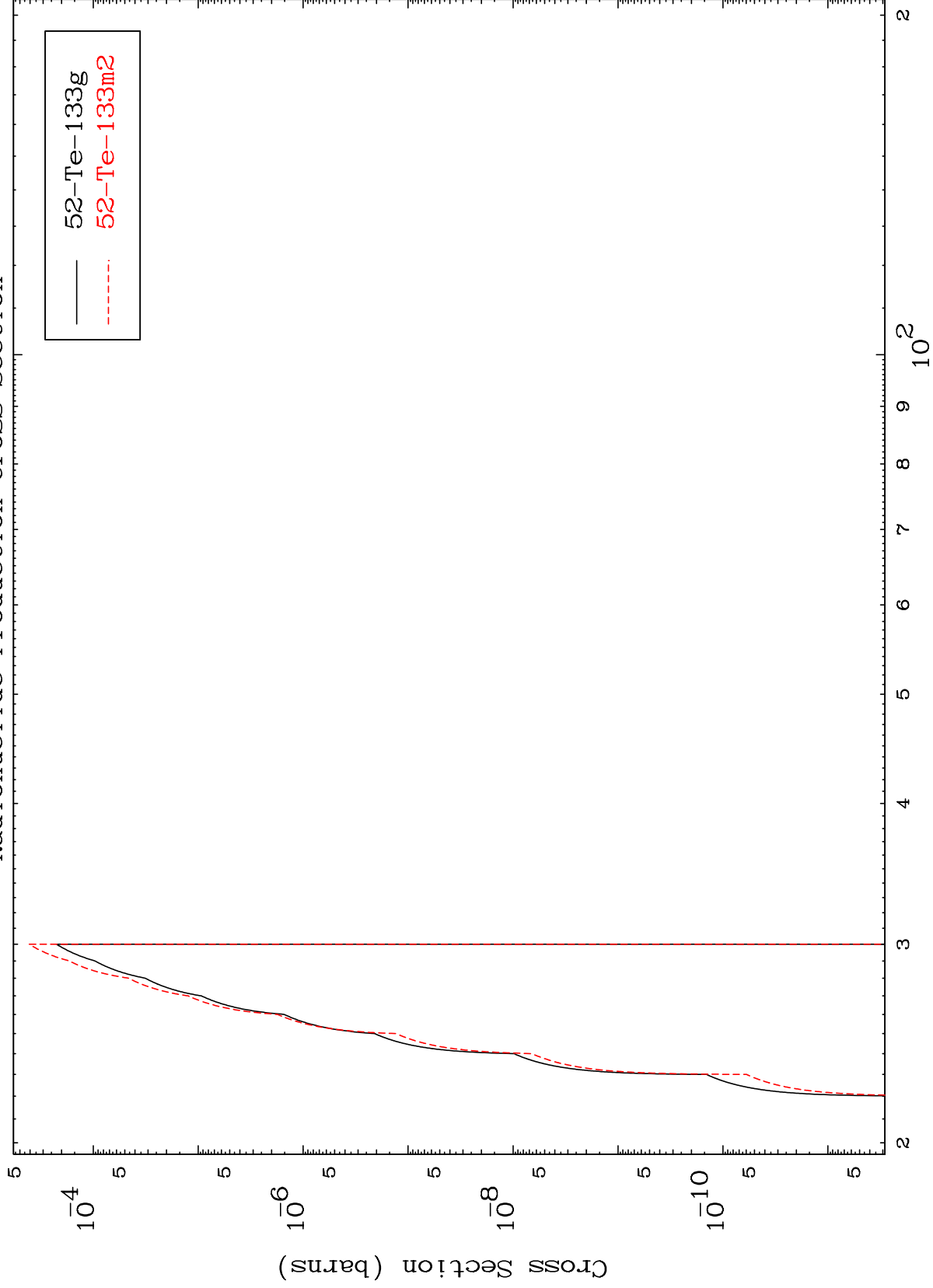
53-I -136

MAT 5352

(n,3n) p

53-I -136

Radionuclide Production Cross Section

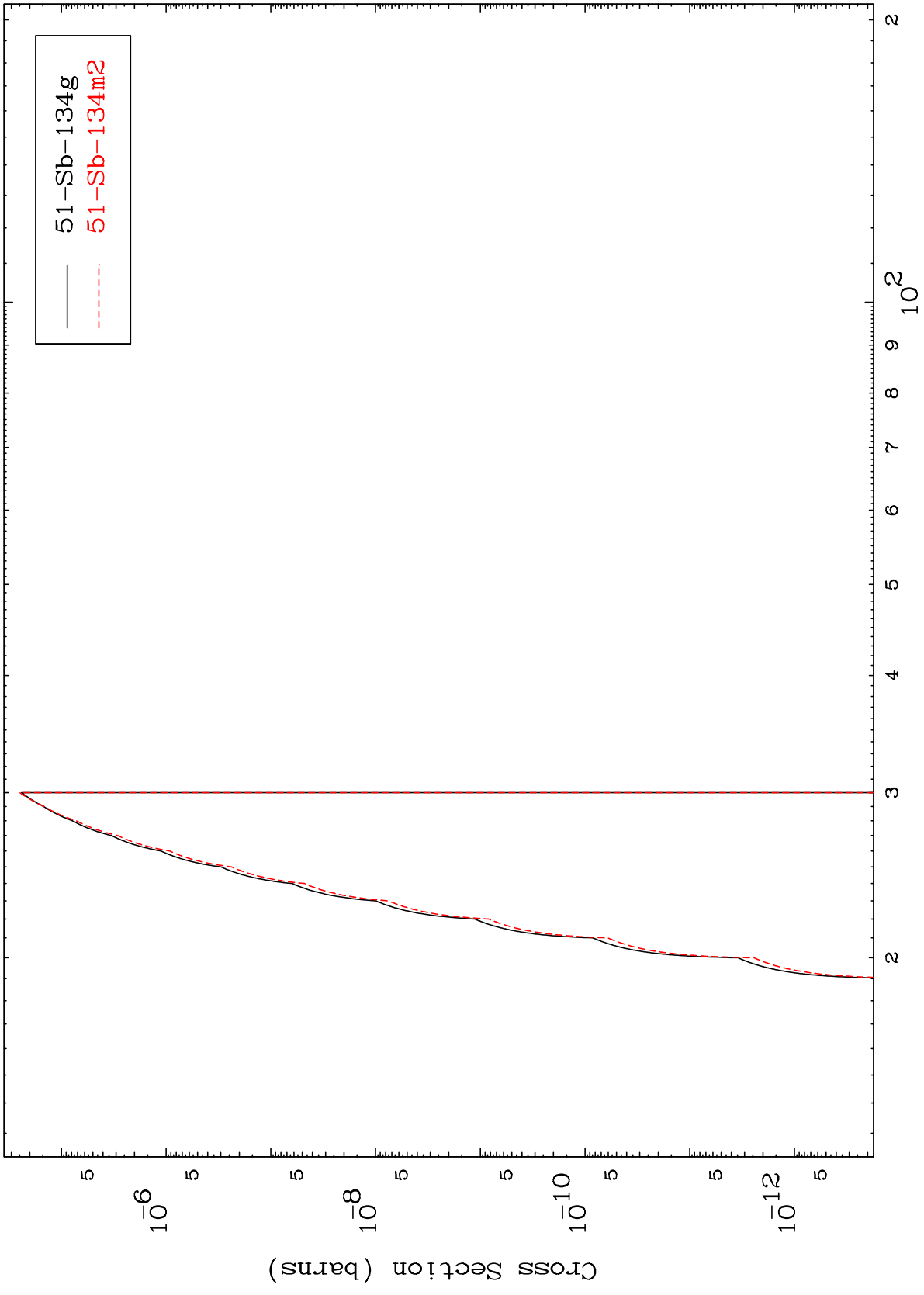


125

Incident Energy (MeV)

53-I -136

Radionuclide Production Cross Section

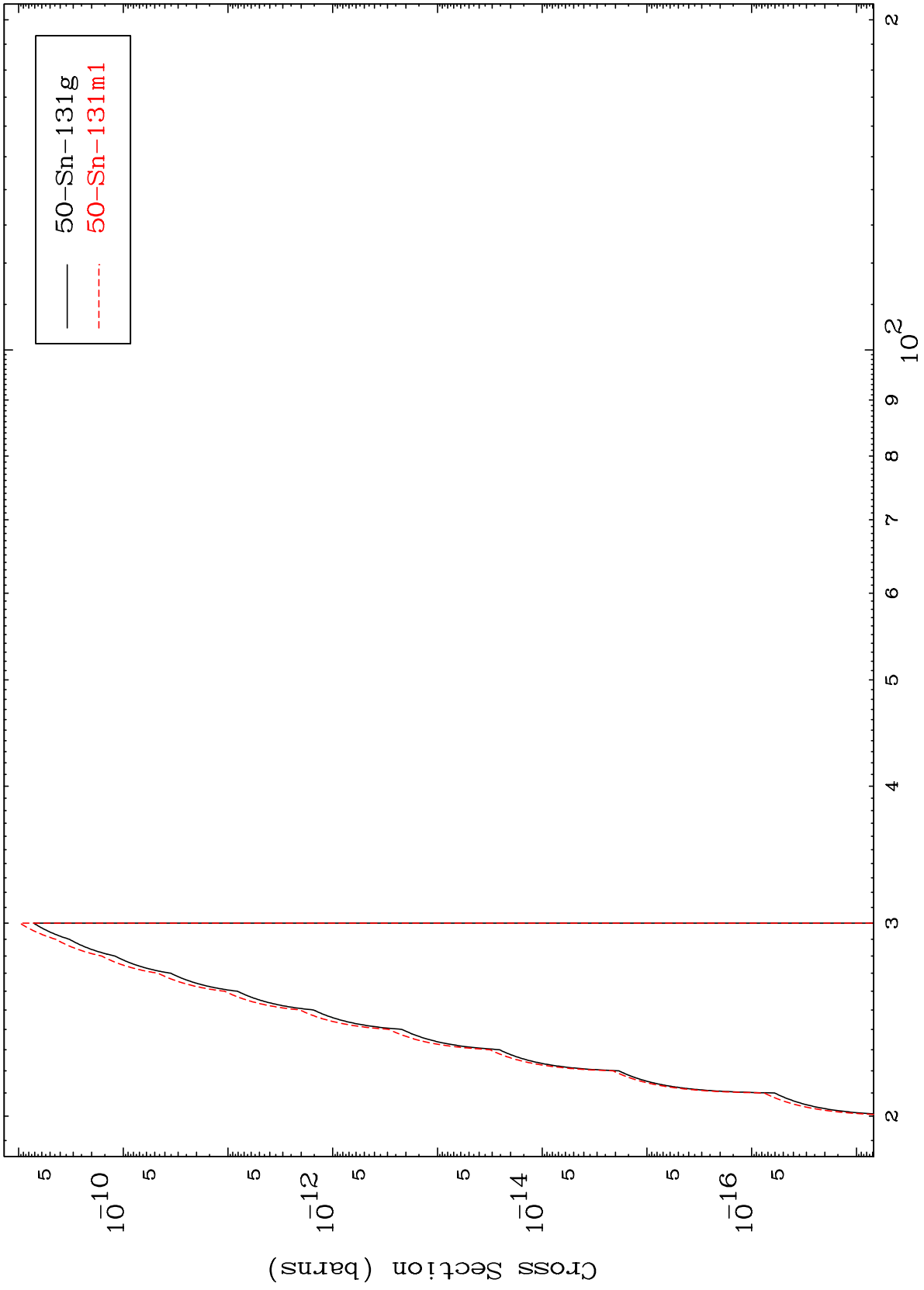


MAT 5352

(n,d) α

53-I -136

Radionuclide Production Cross Section



127

Incident Energy (MeV)

53-I -136