

Program EVALPLOT
(Version 2021-1)

by

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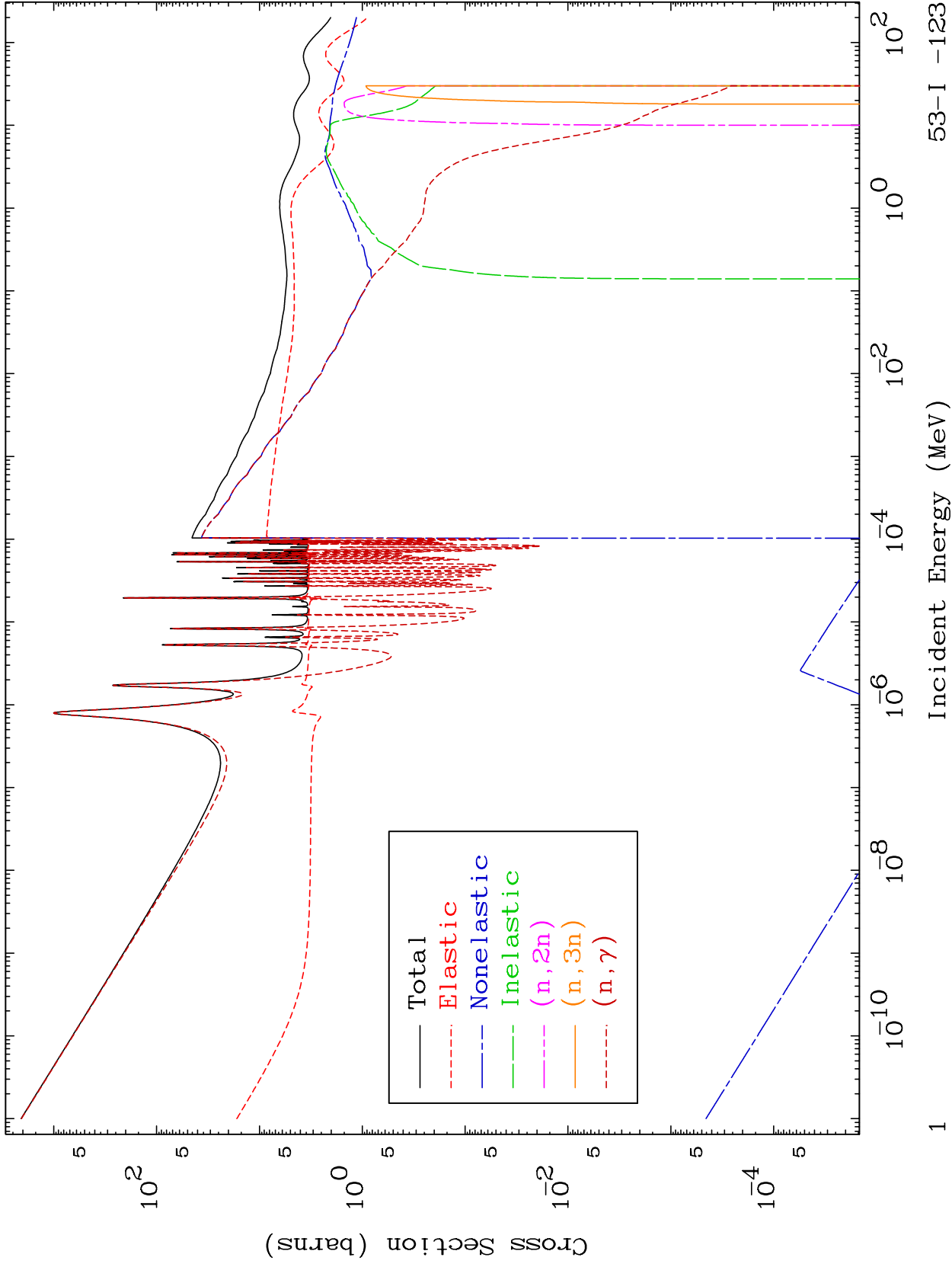
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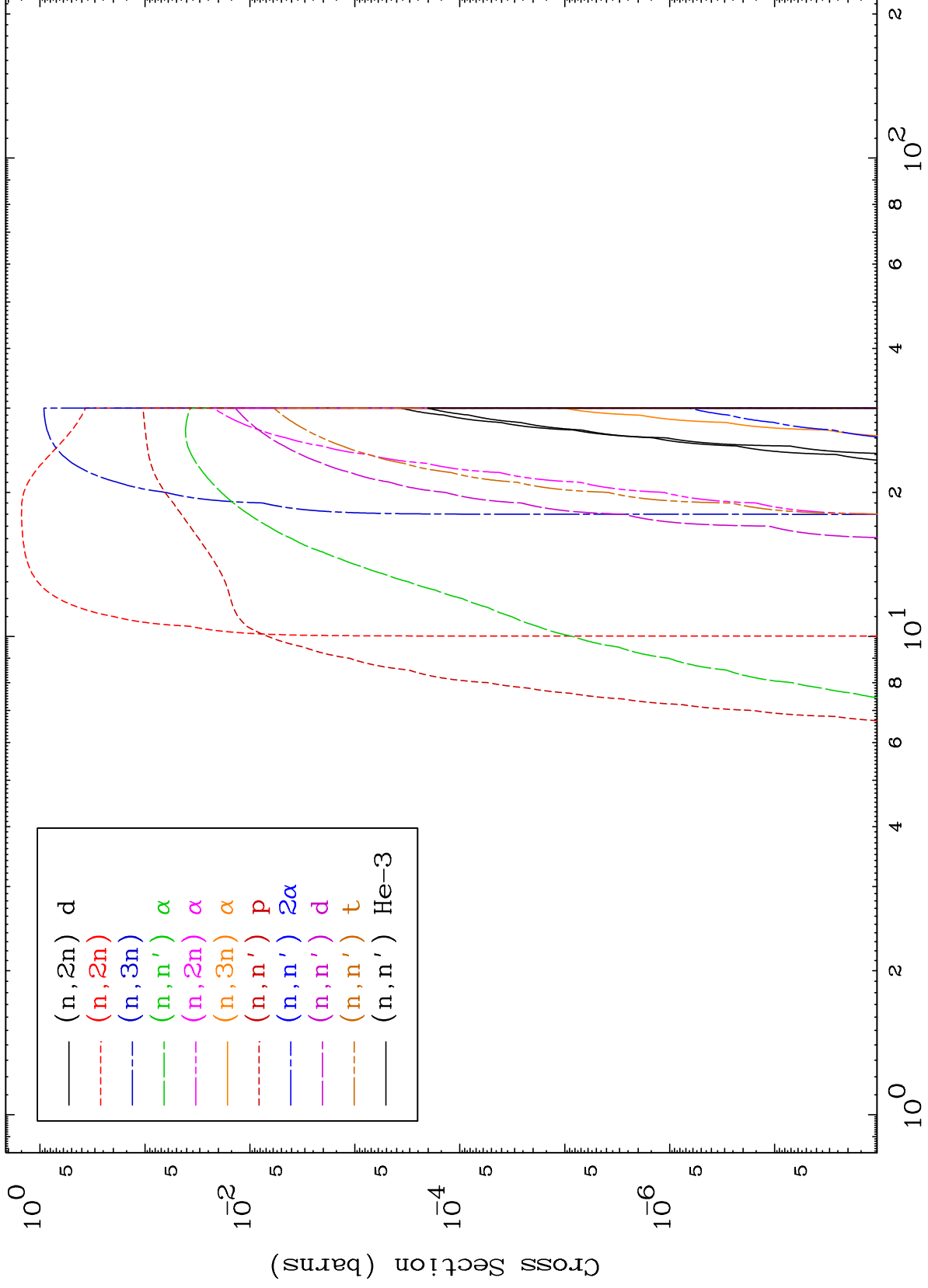
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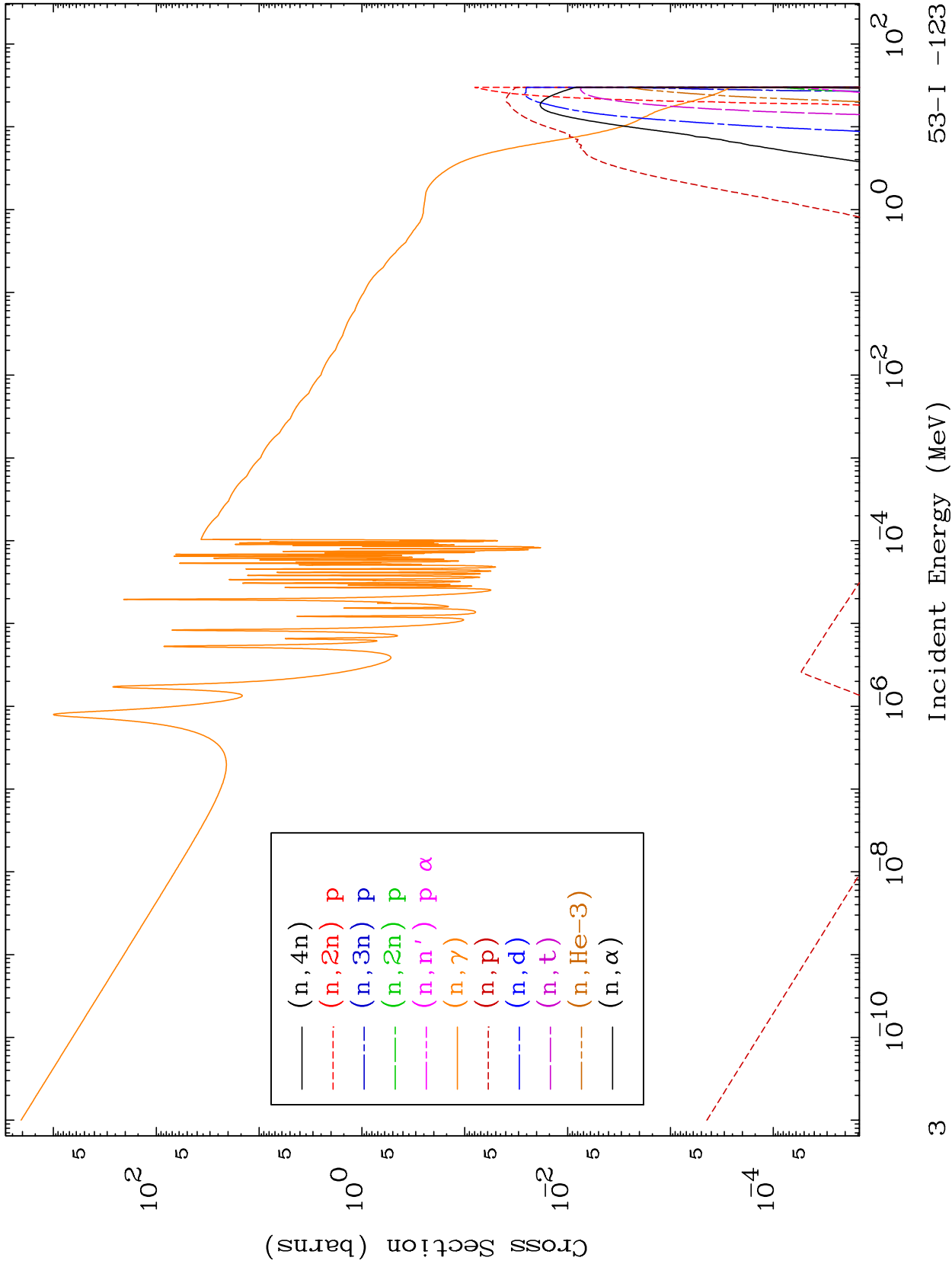
MAT 5313

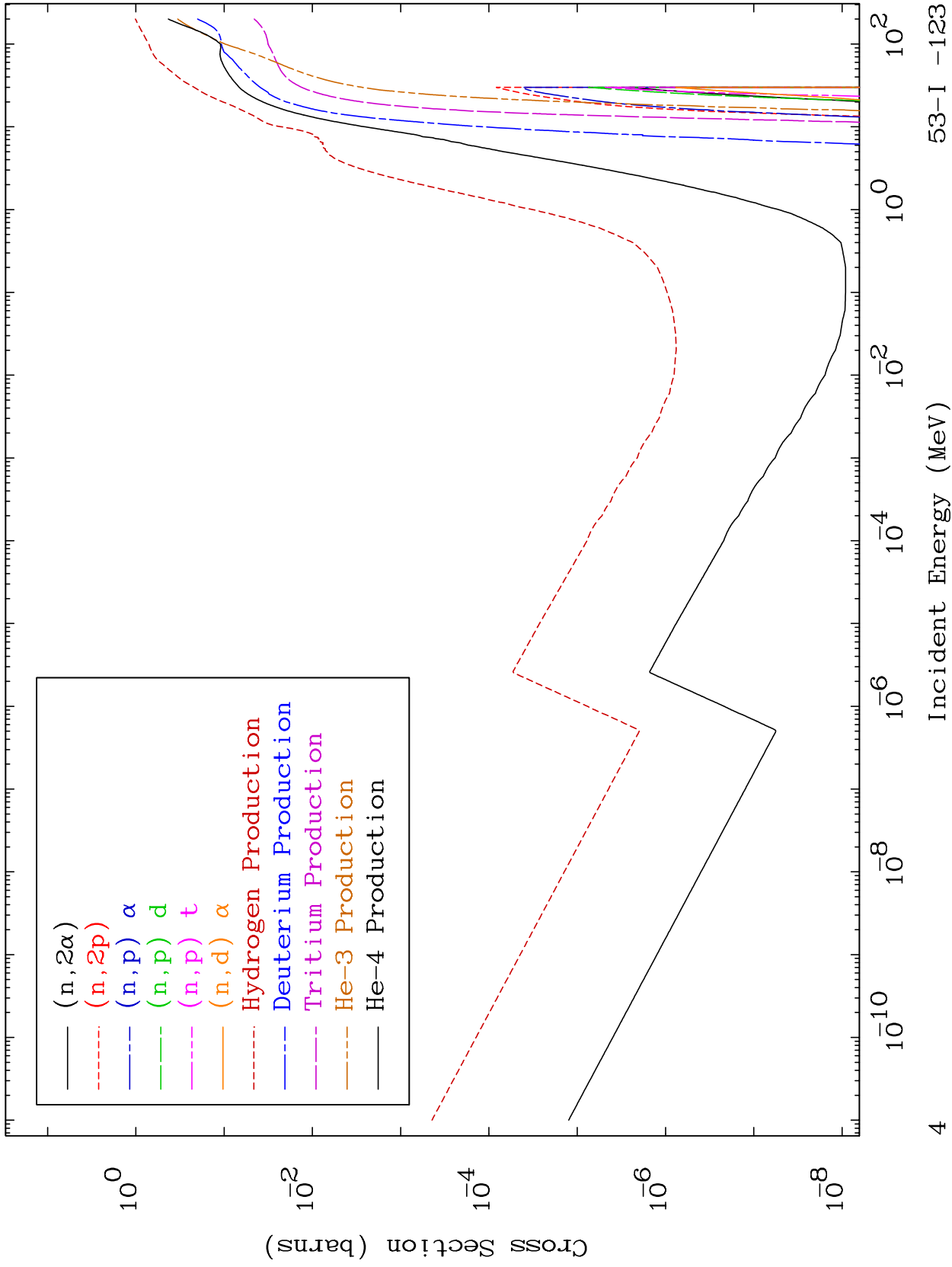
Neutron Major
293 Kelvin Cross Sections

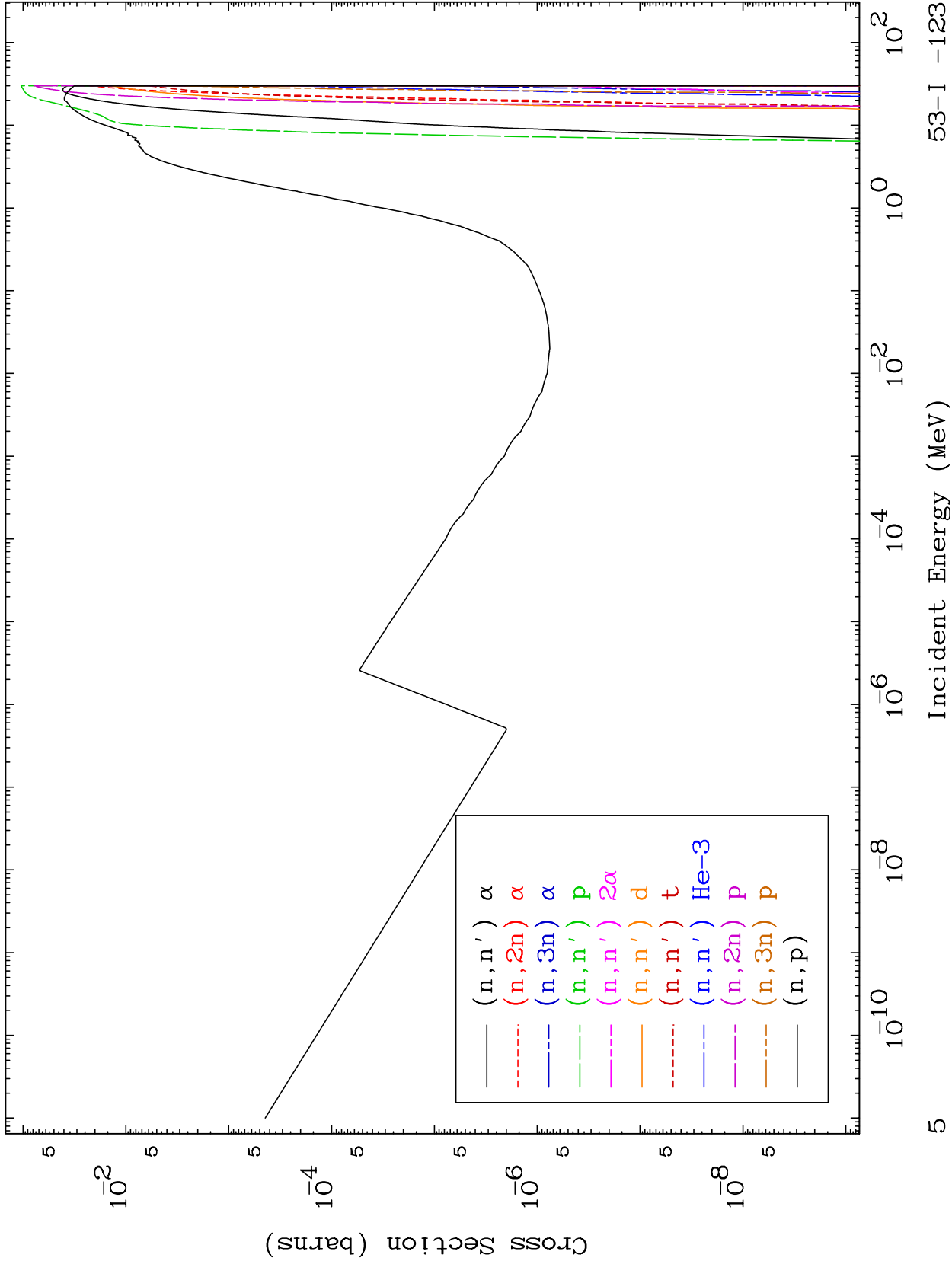
53-I -123

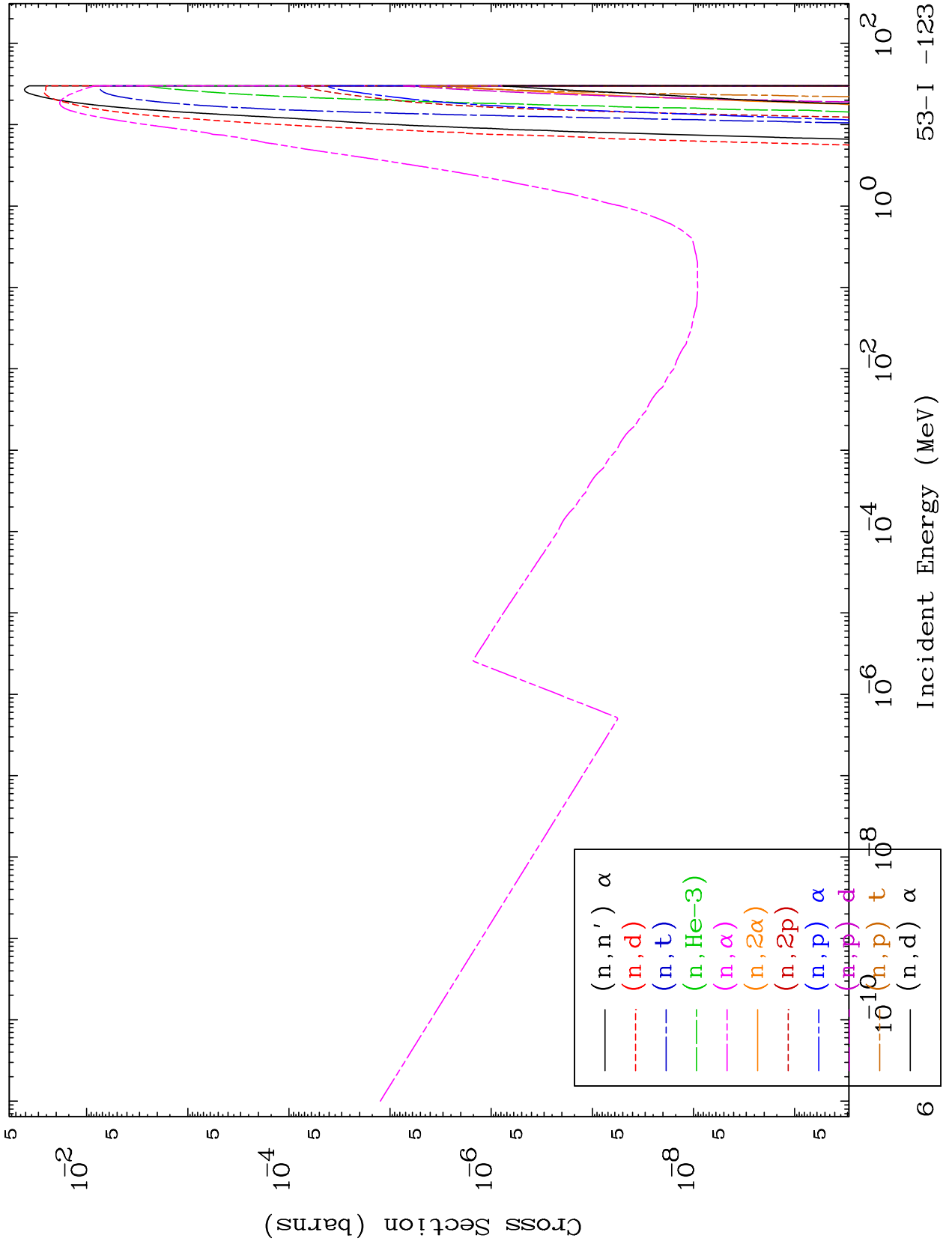


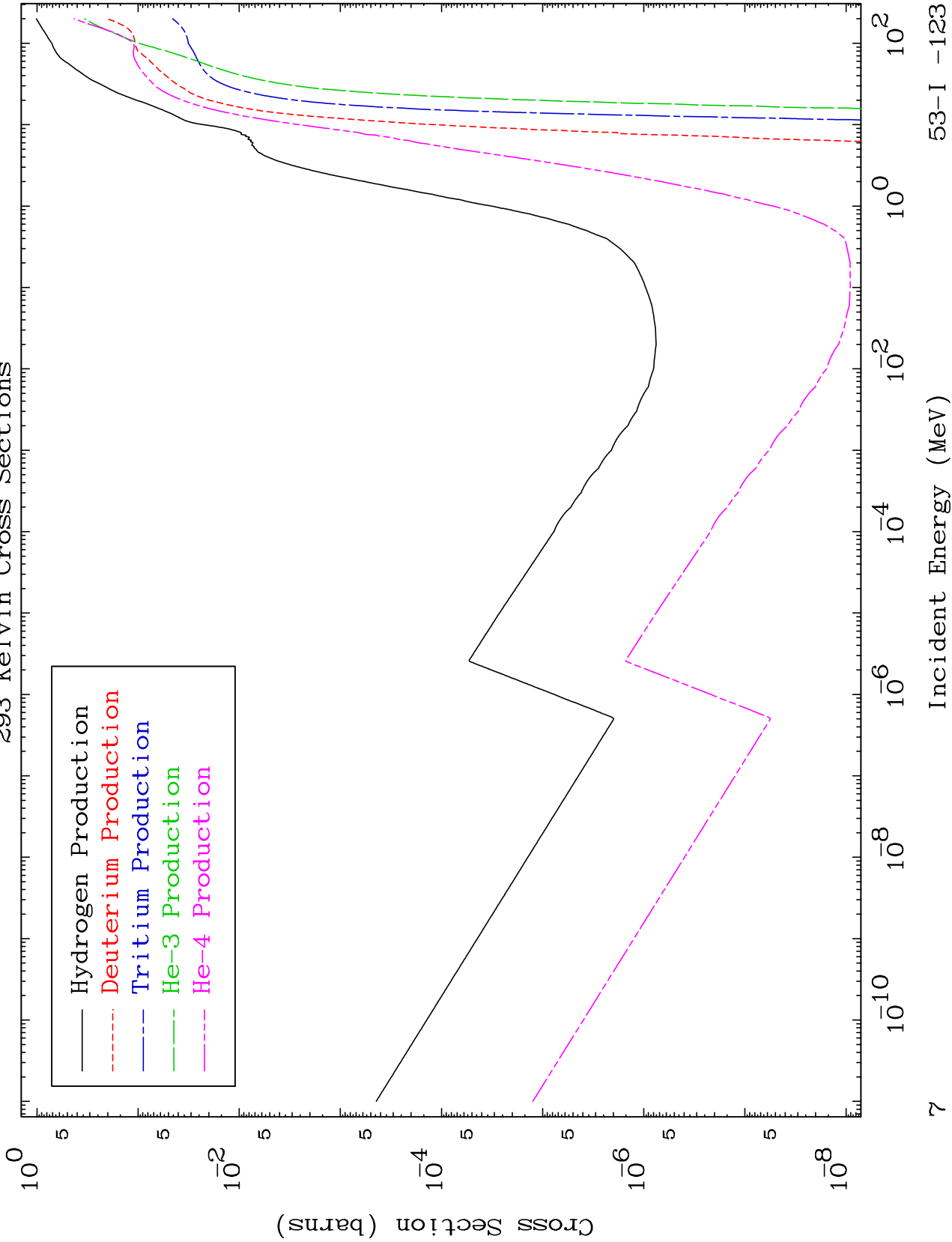


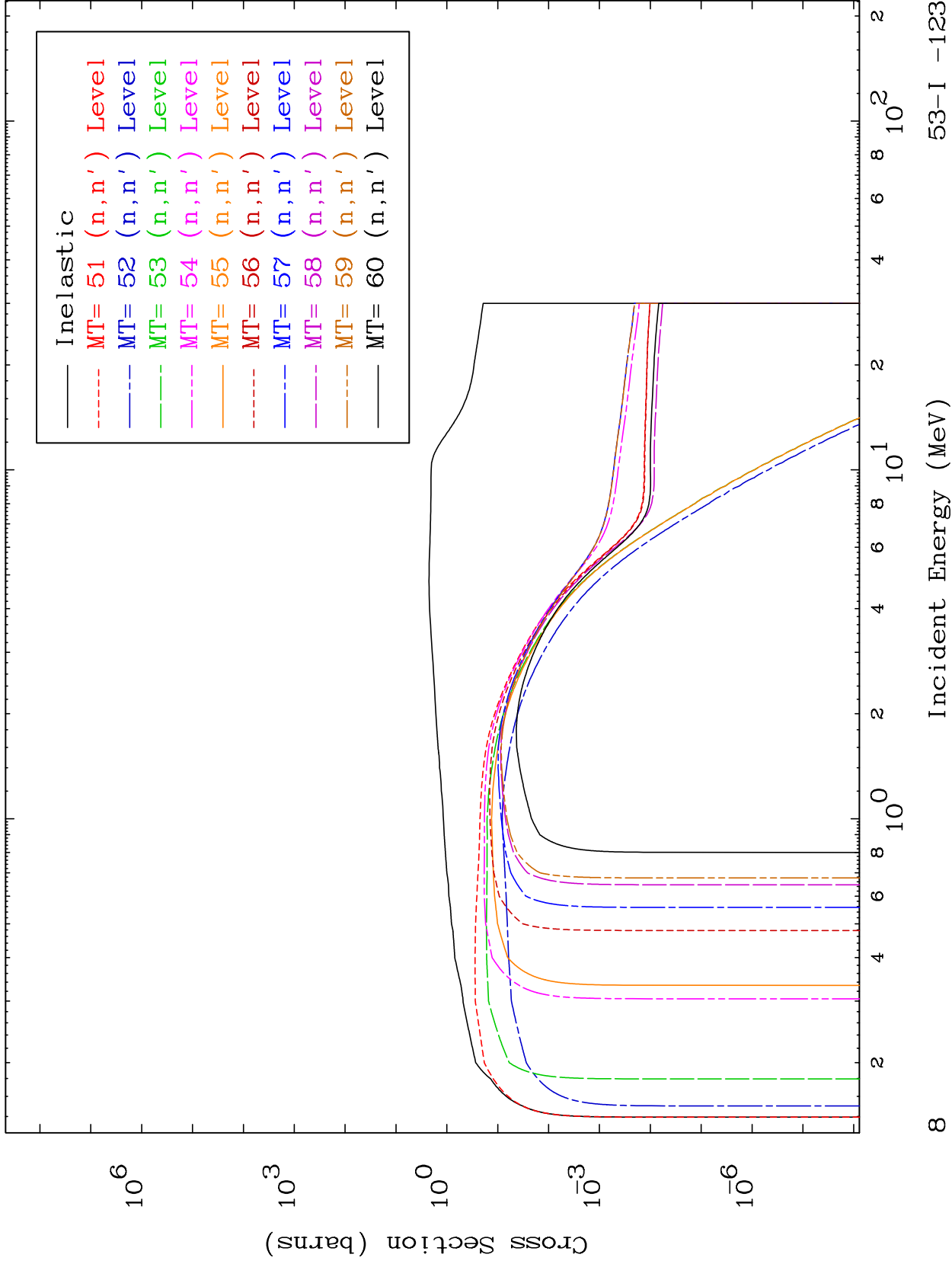


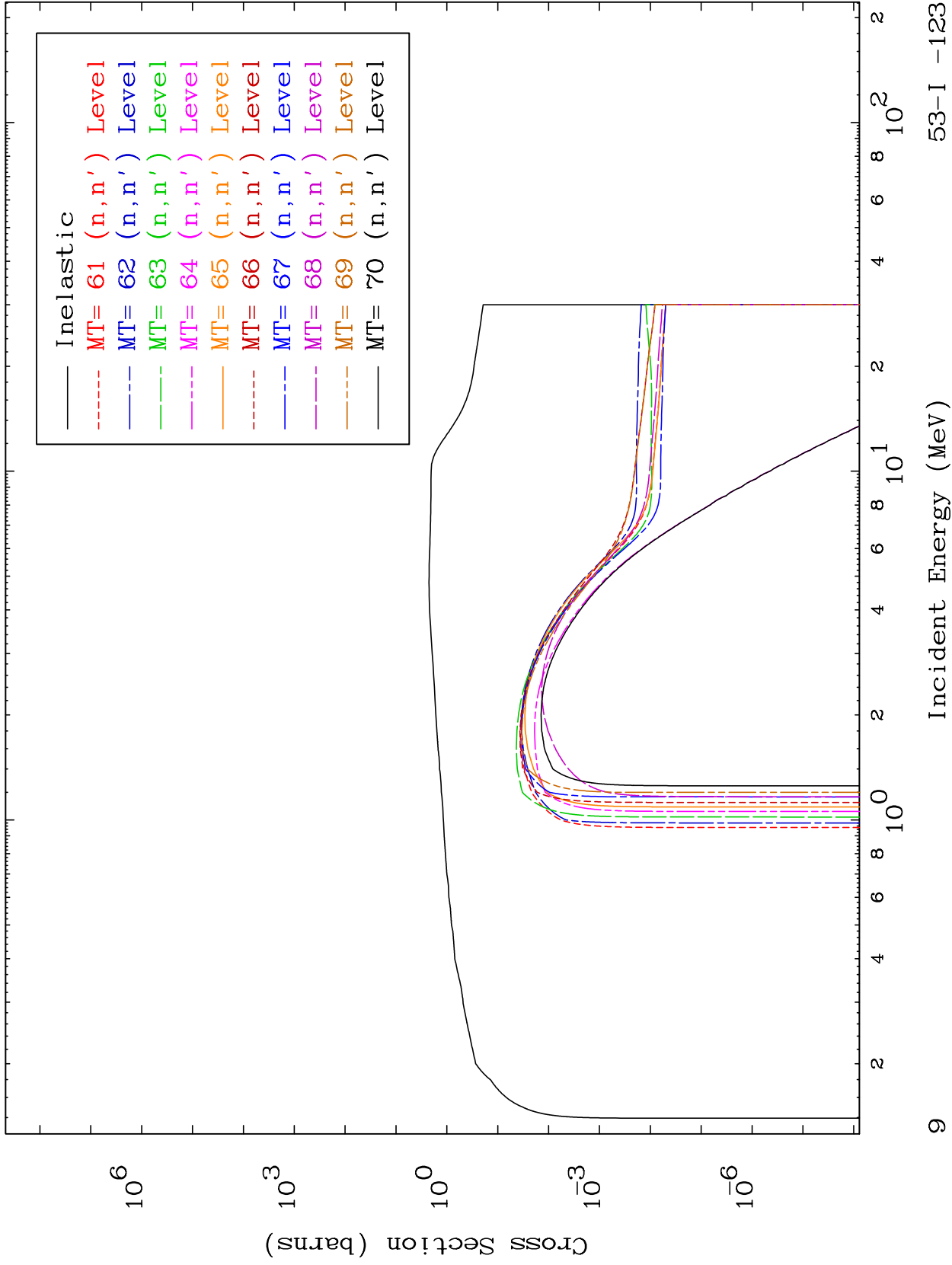


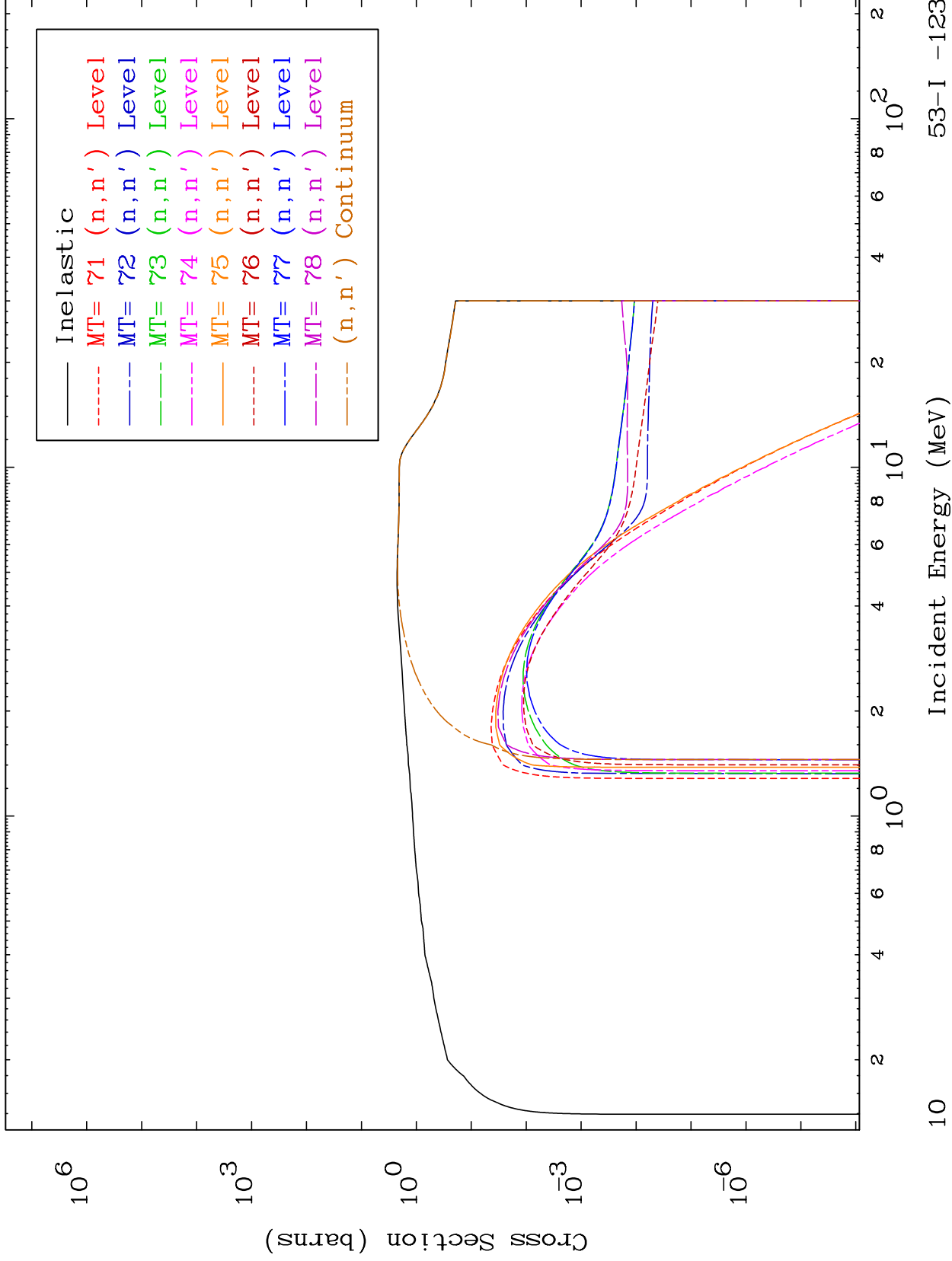








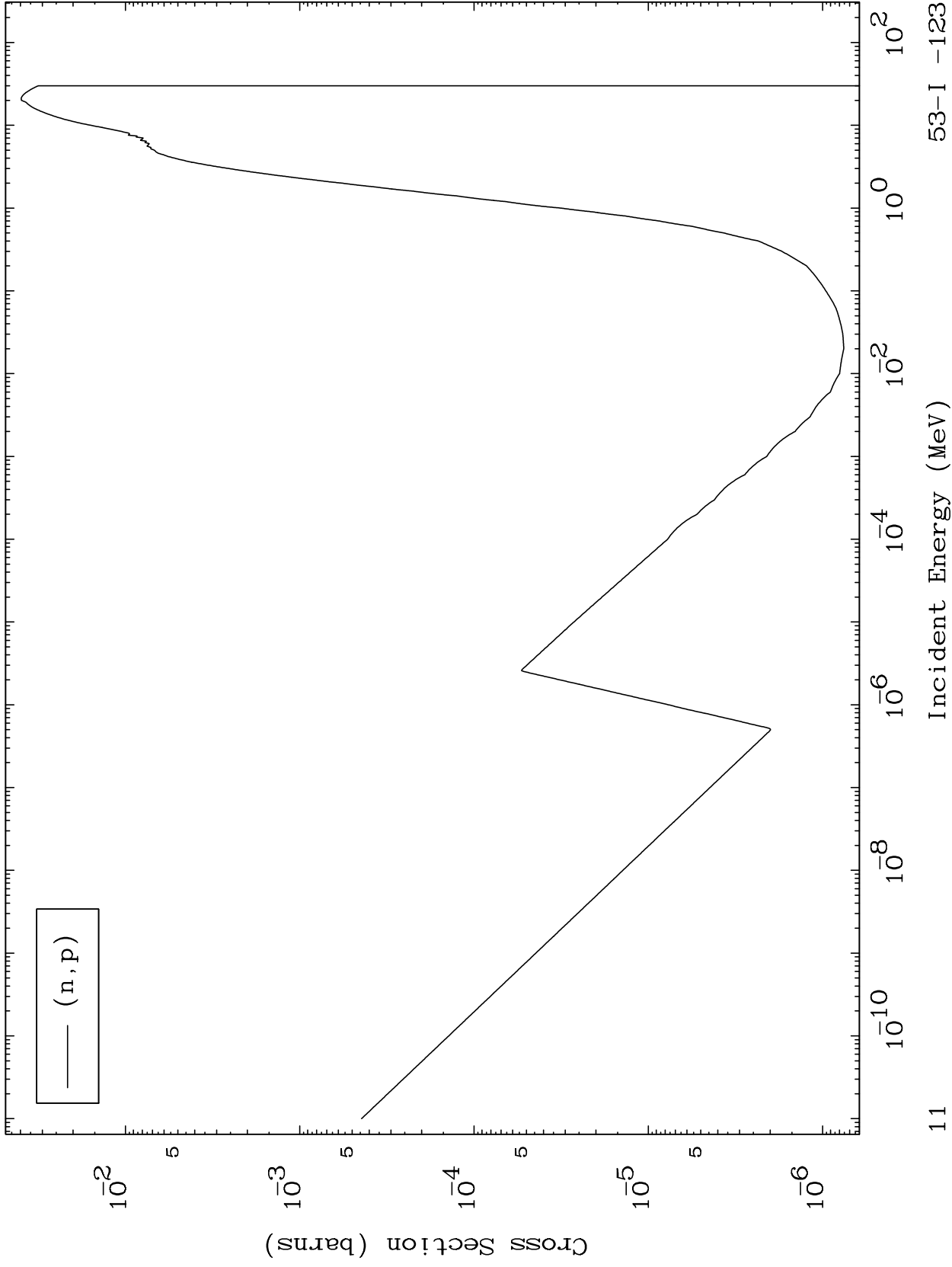


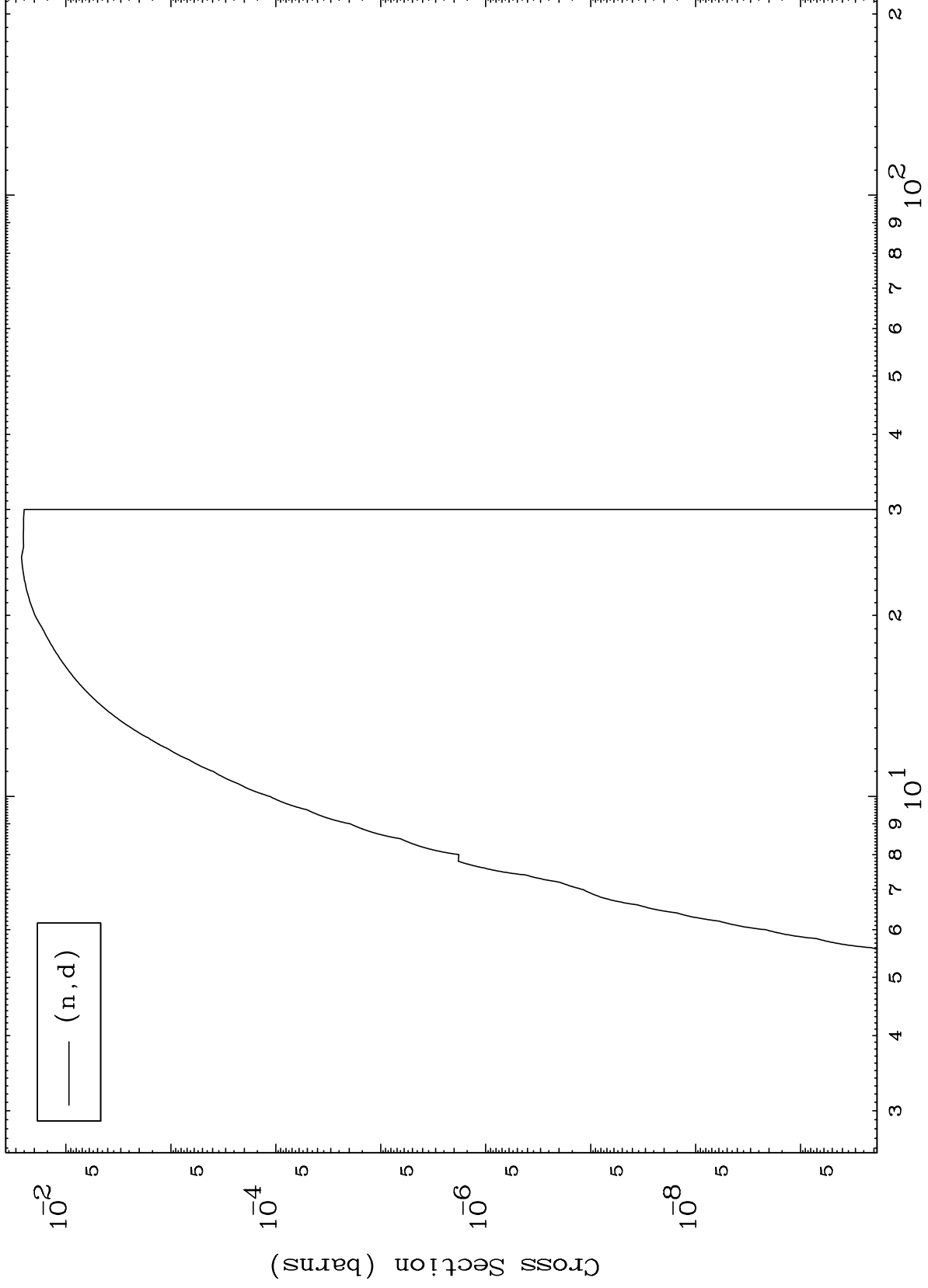


MAT 5313

(n,p) Levels
293 Kelvin Cross Sections

53-I -123

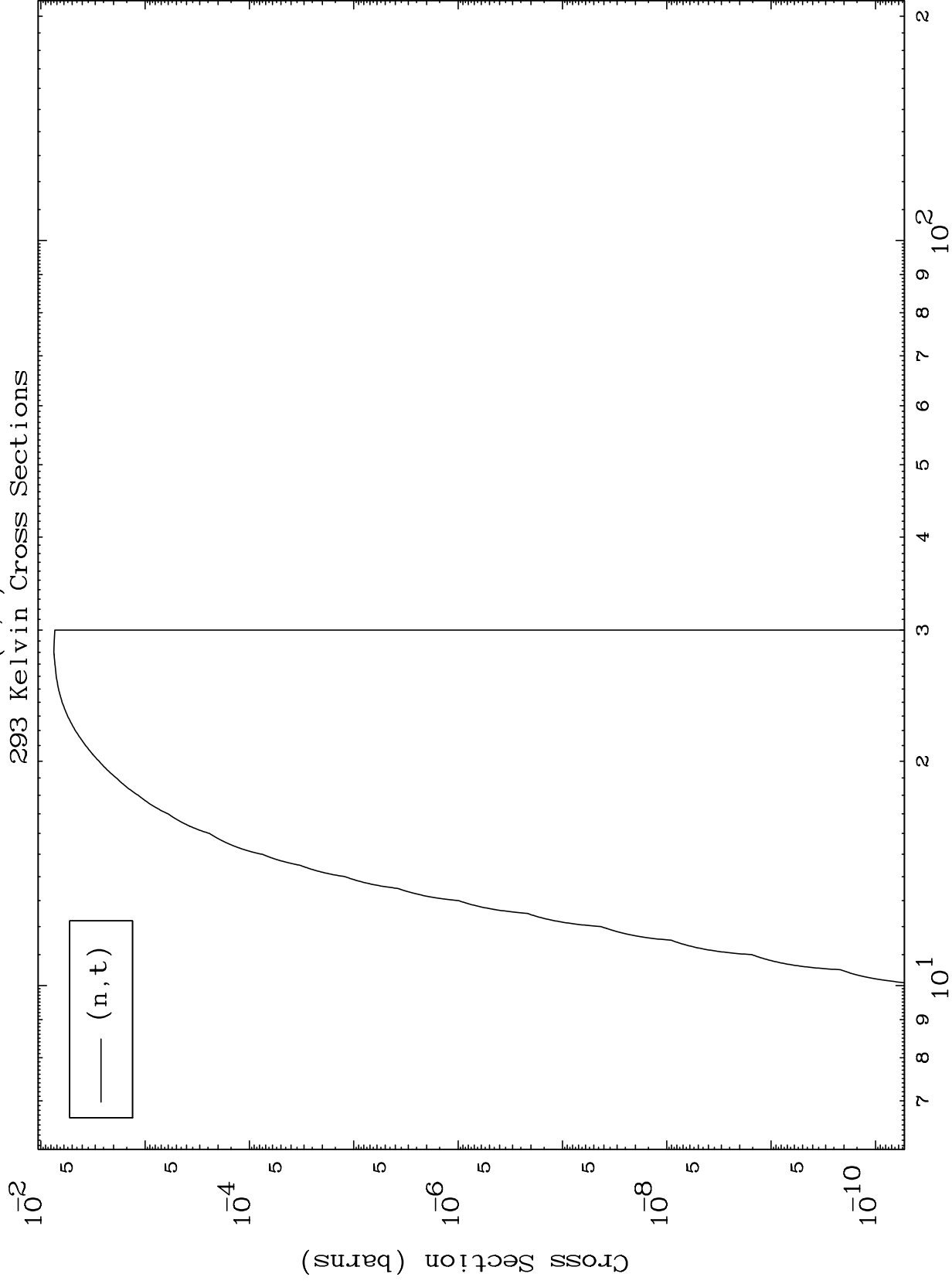




MAT 5313

(n,t) Levels
293 Kelvin Cross Sections

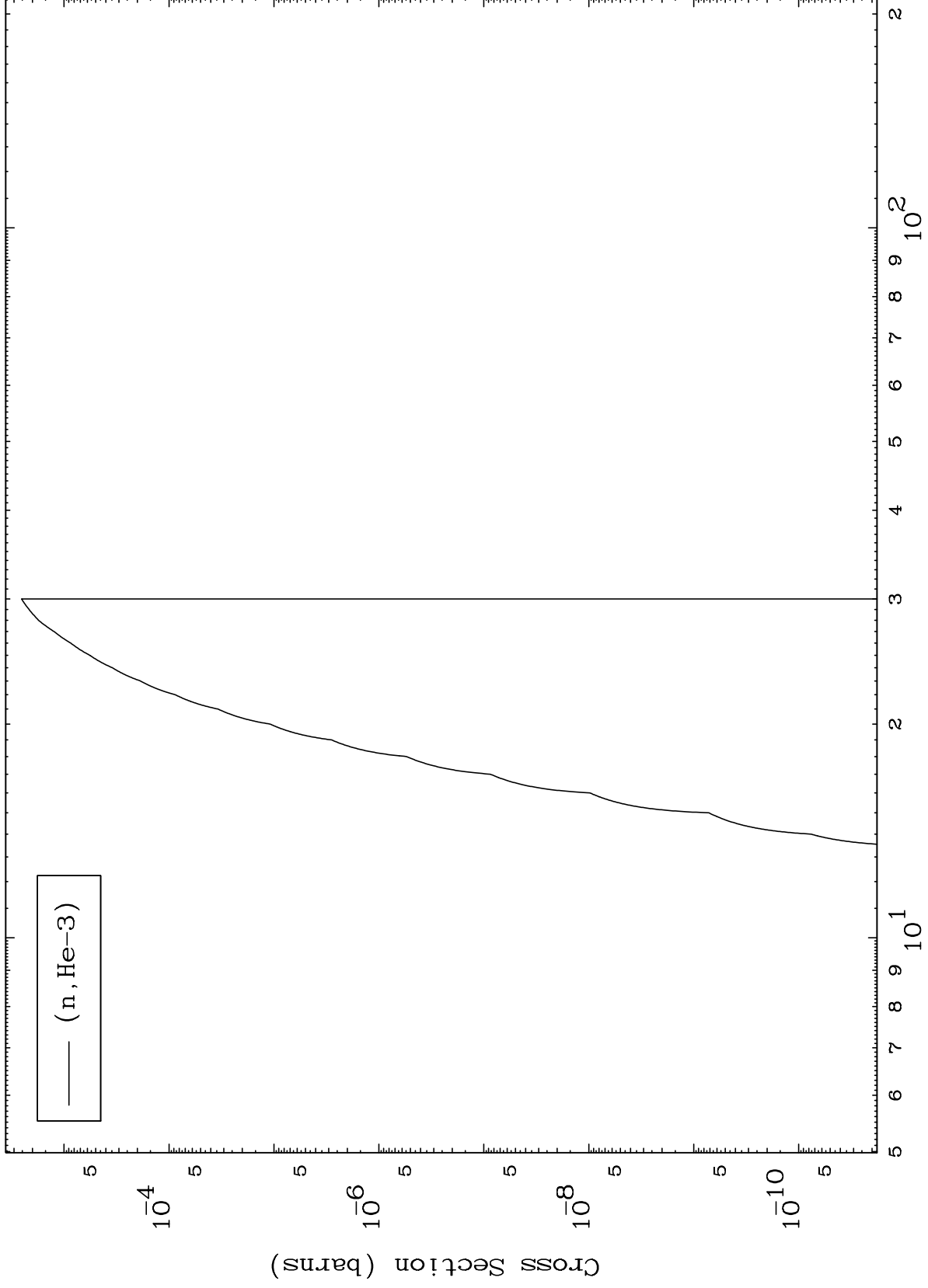
53-I -123



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Incident Energy (MeV)

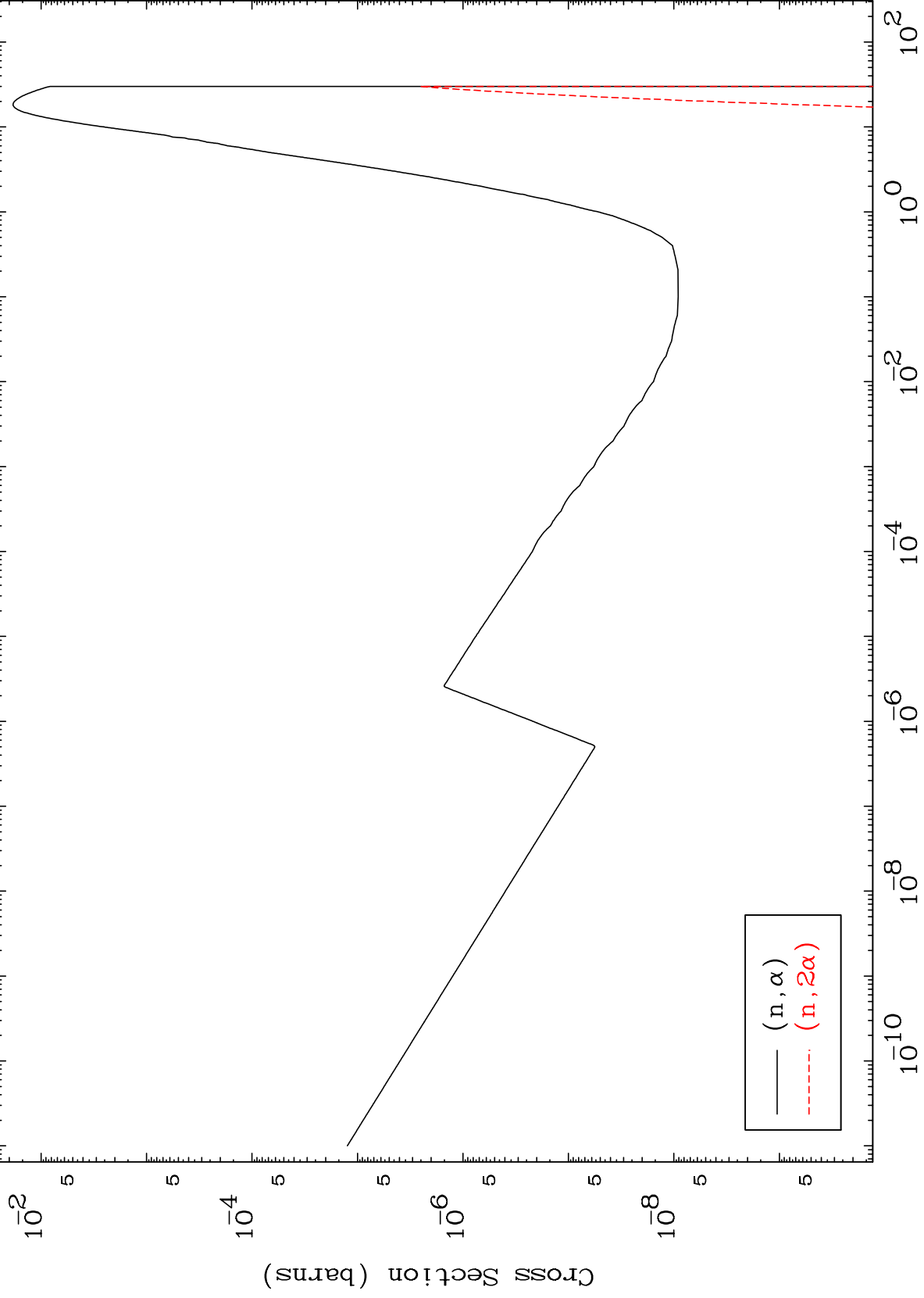
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MAT 5313

(n,α) Levels
293 Kelvin Cross Sections

53-I -123



15

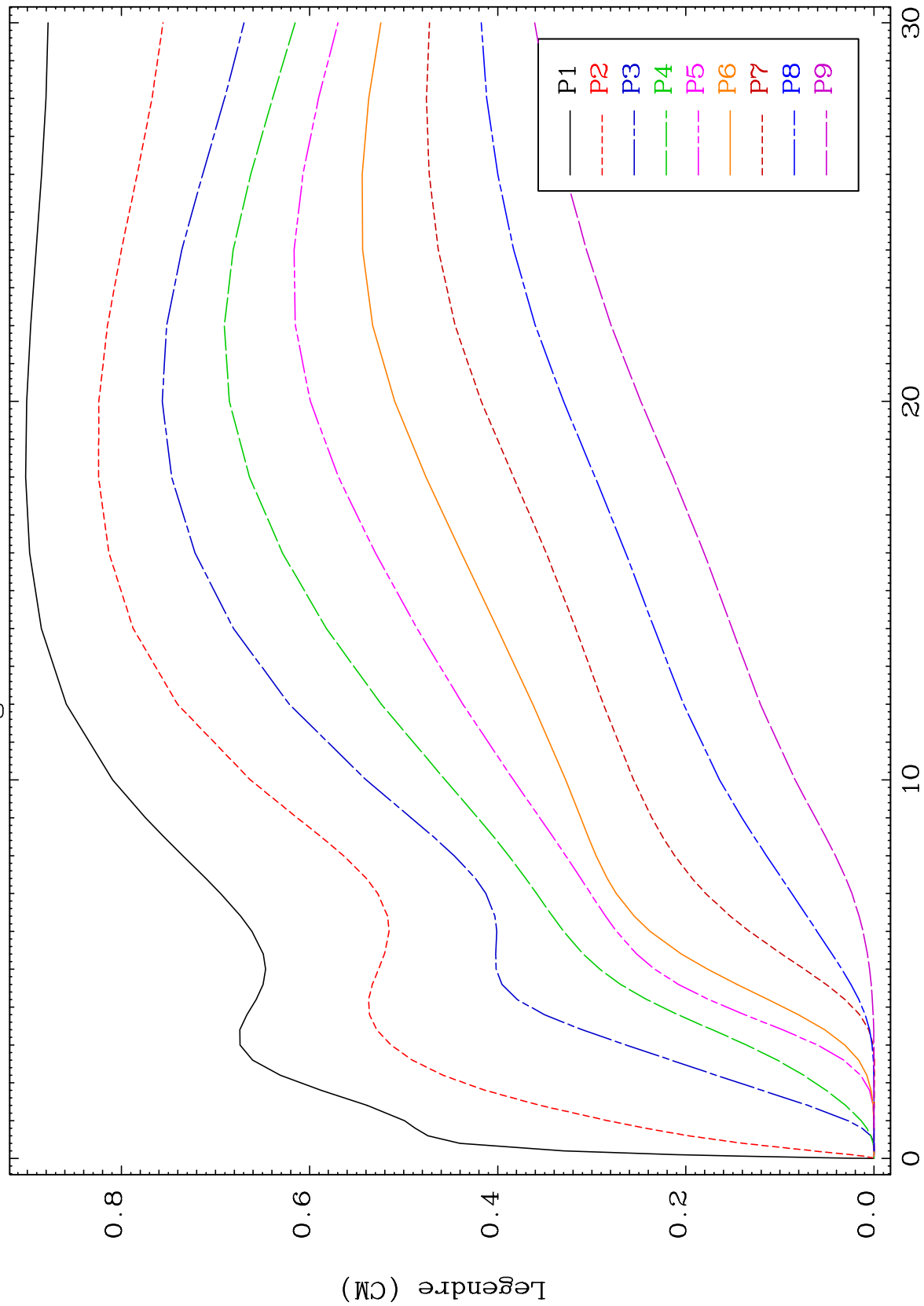
Incident Energy (MeV)

53-I -123

MAT 5313

Elastic Legendre Coefficients

53-I -123



Incident Energy (MeV)

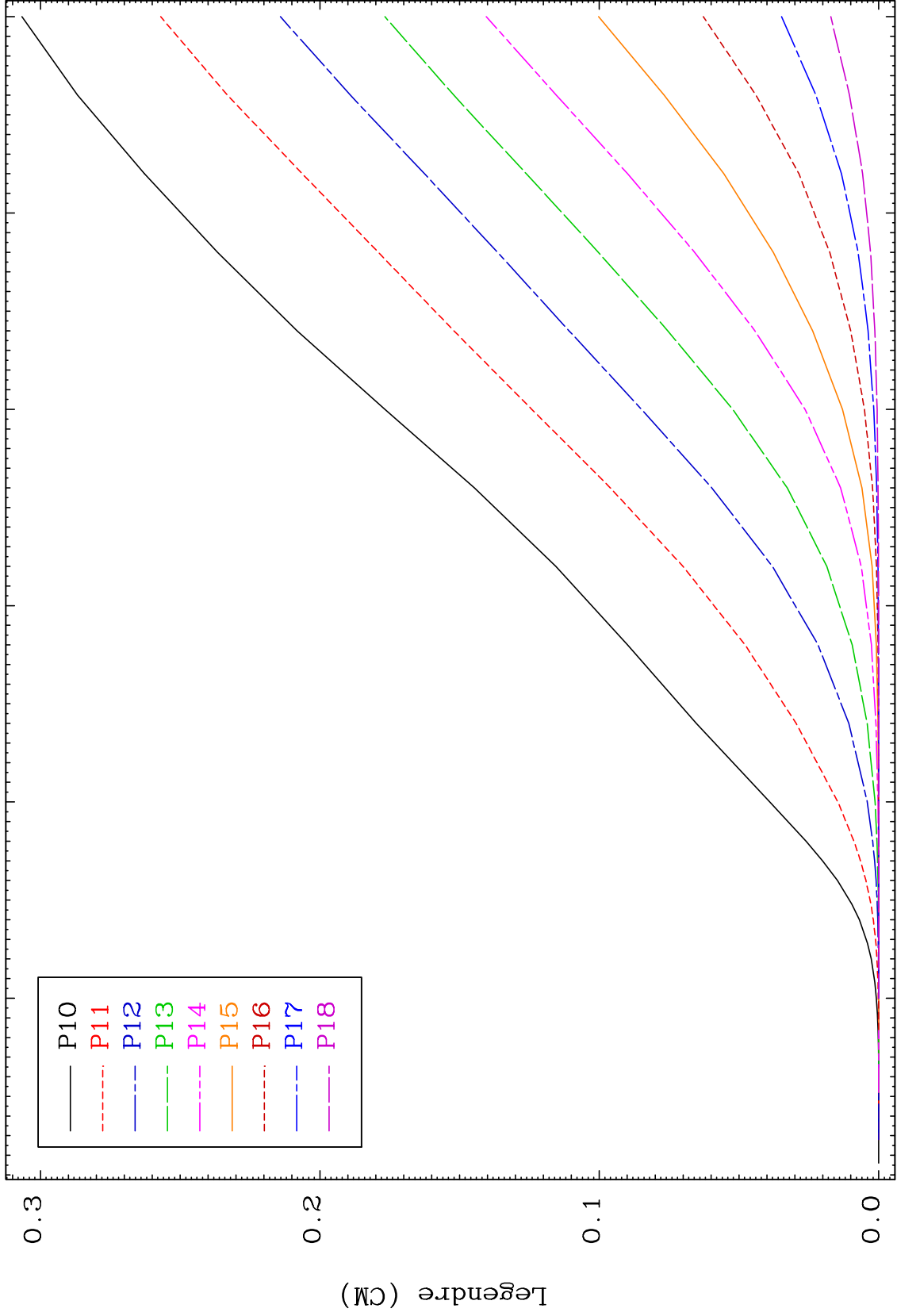
53-I -123

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MAT 5313

Elastic Legendre Coefficients

53-I -123



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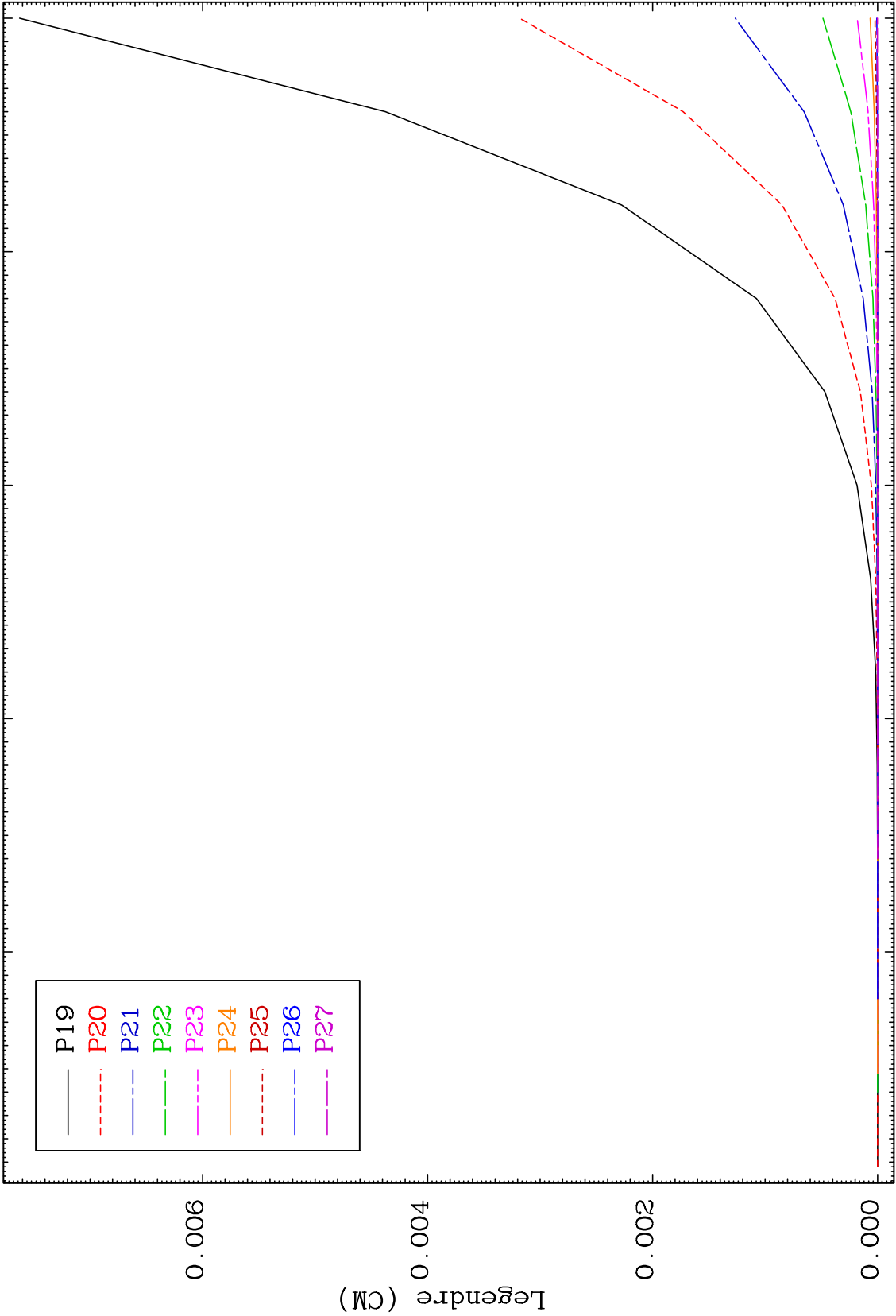
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53-I -123

MAT 5313

Elastic Legendre Coefficients

53-I -123



18

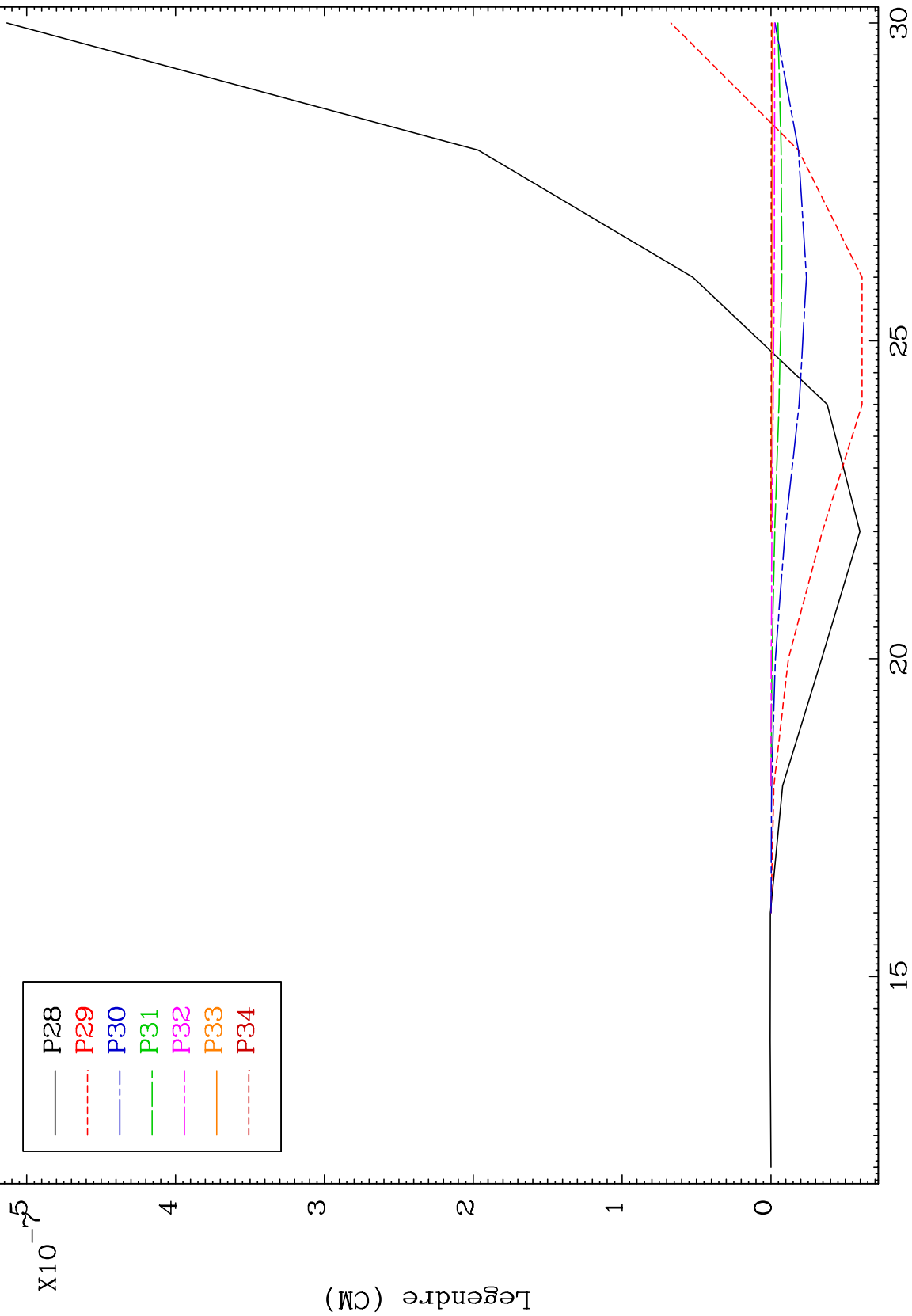
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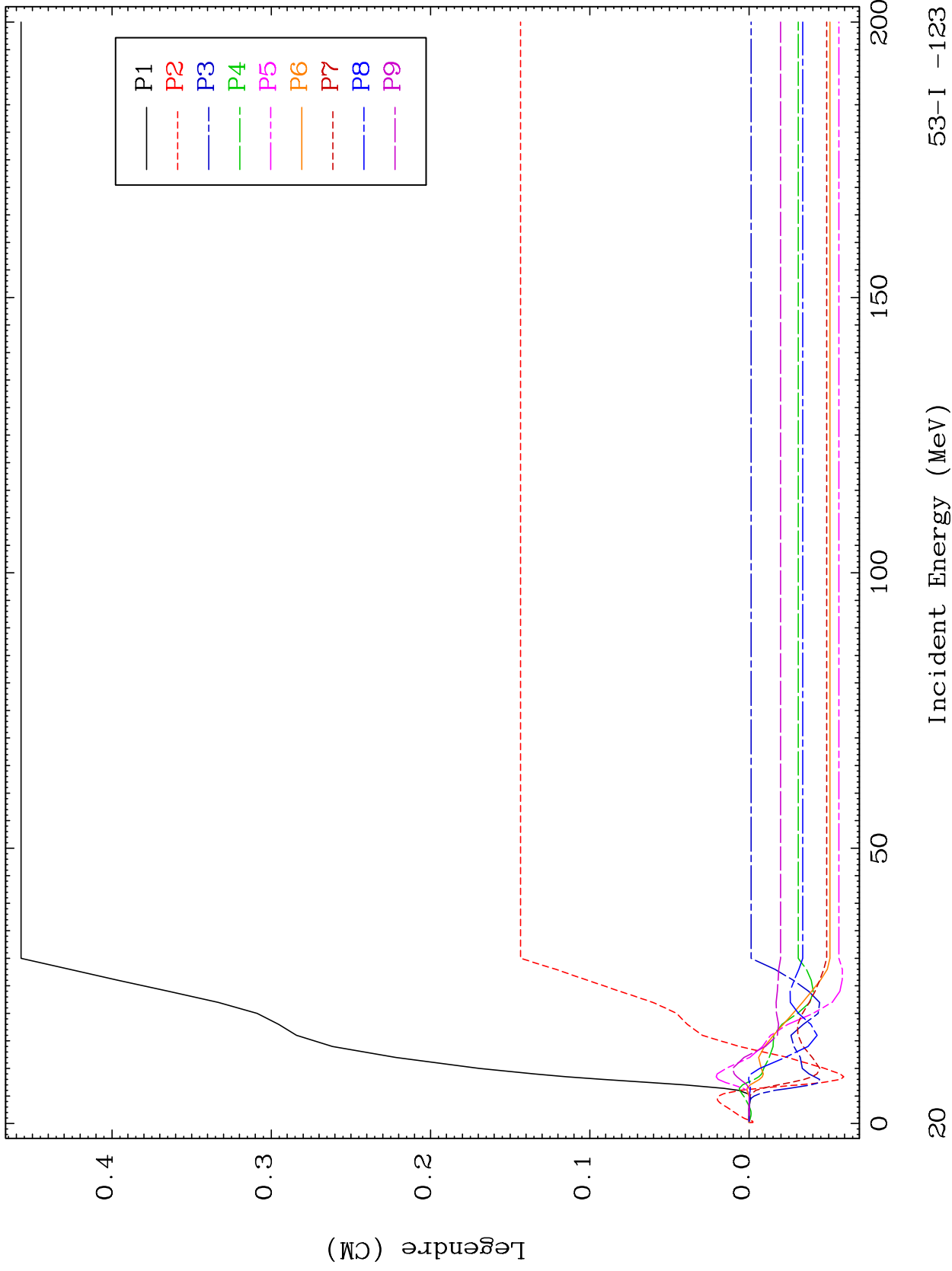
53-I -123

MAT 5313

Elastic Legendre Coefficients

53-I -123

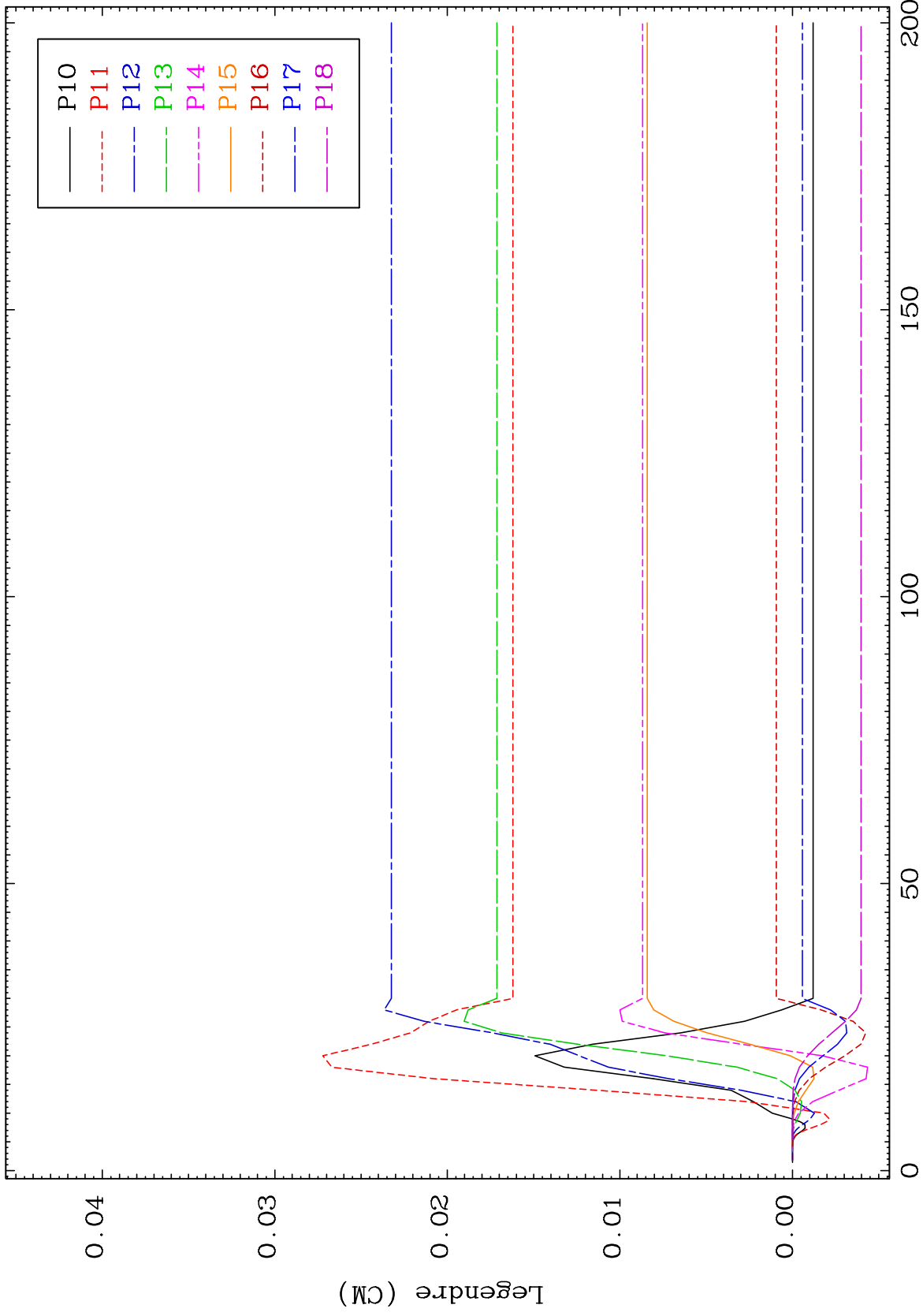




MAT 5313

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

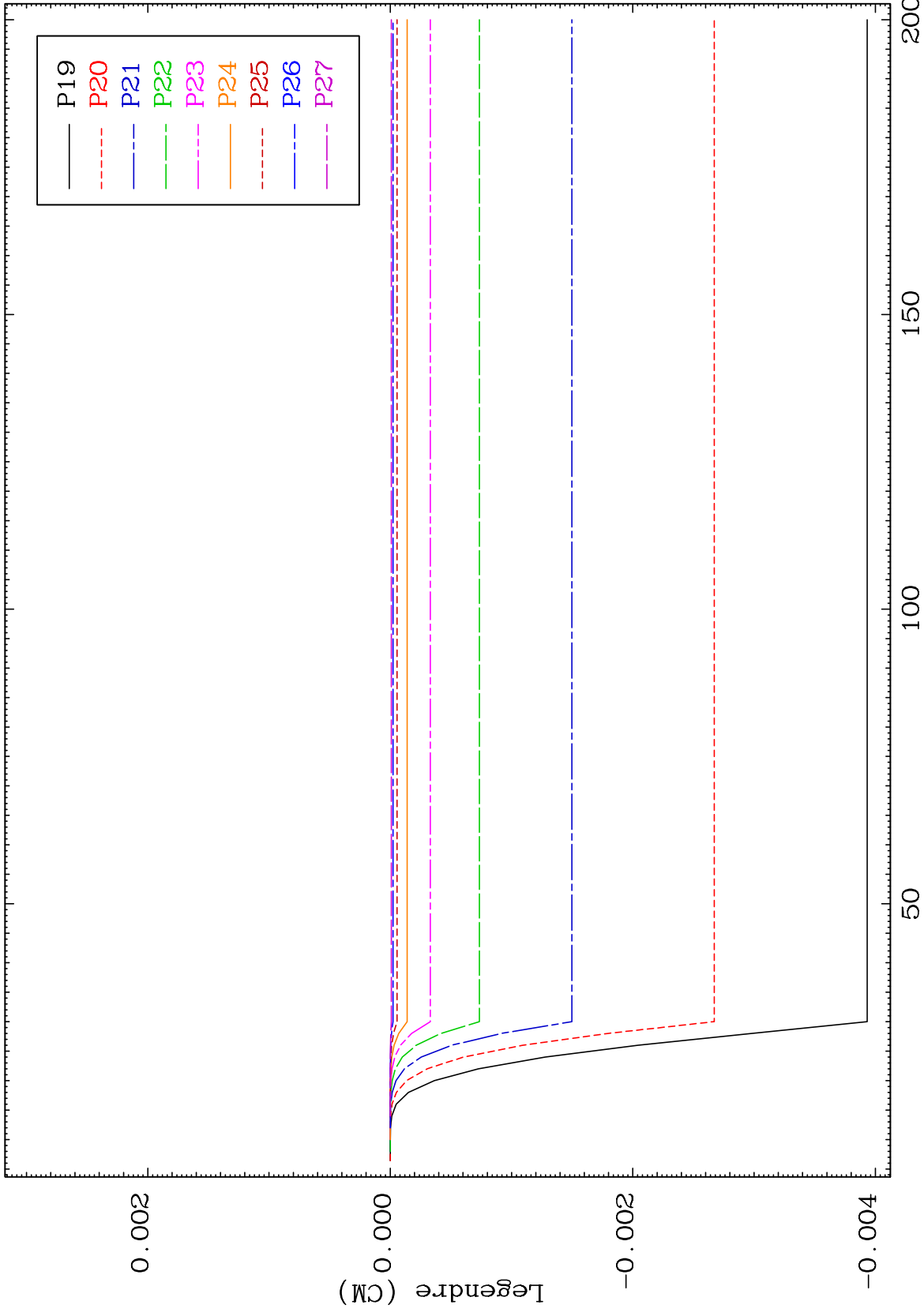
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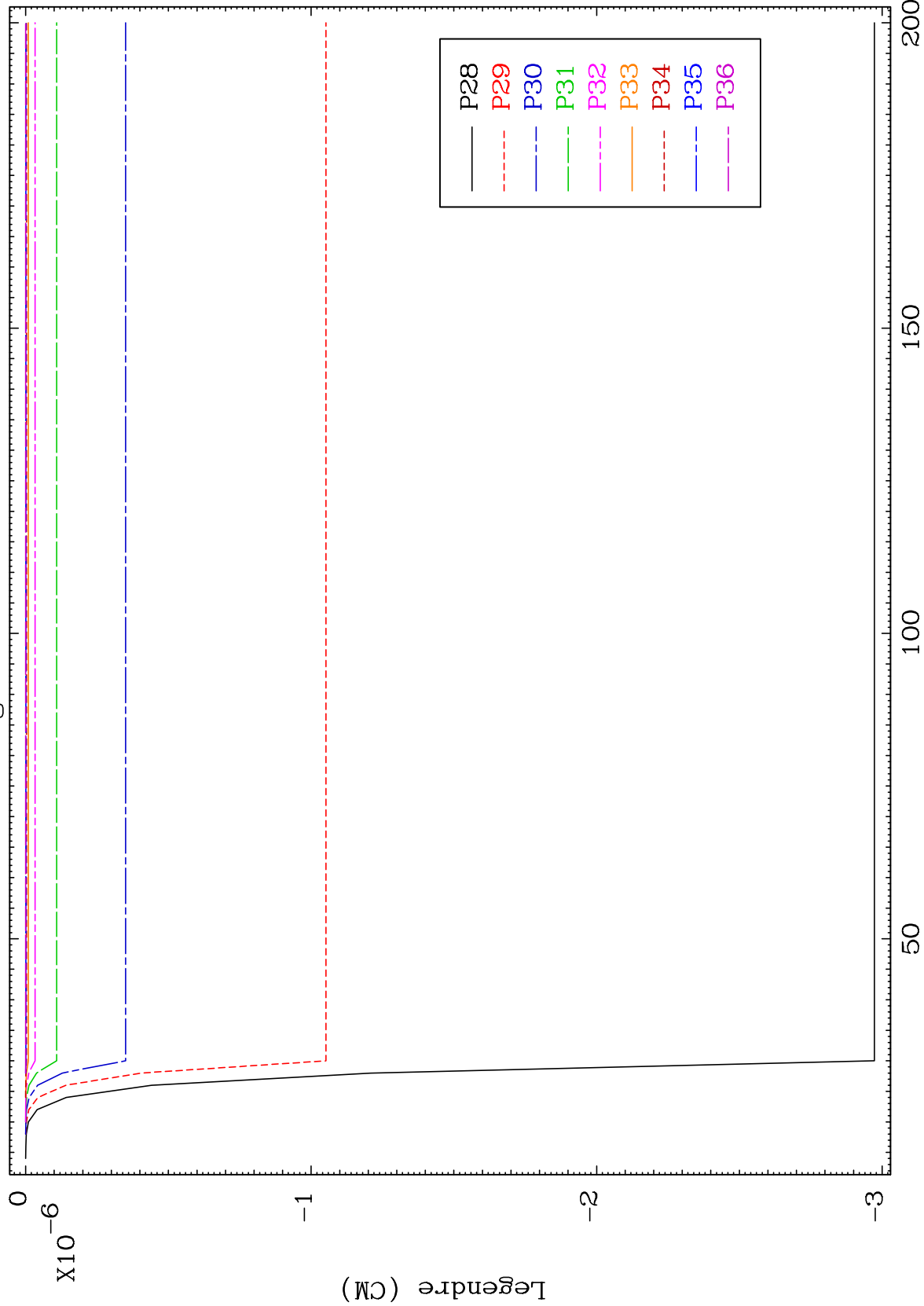


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Incident Energy (MeV)

53-I -123

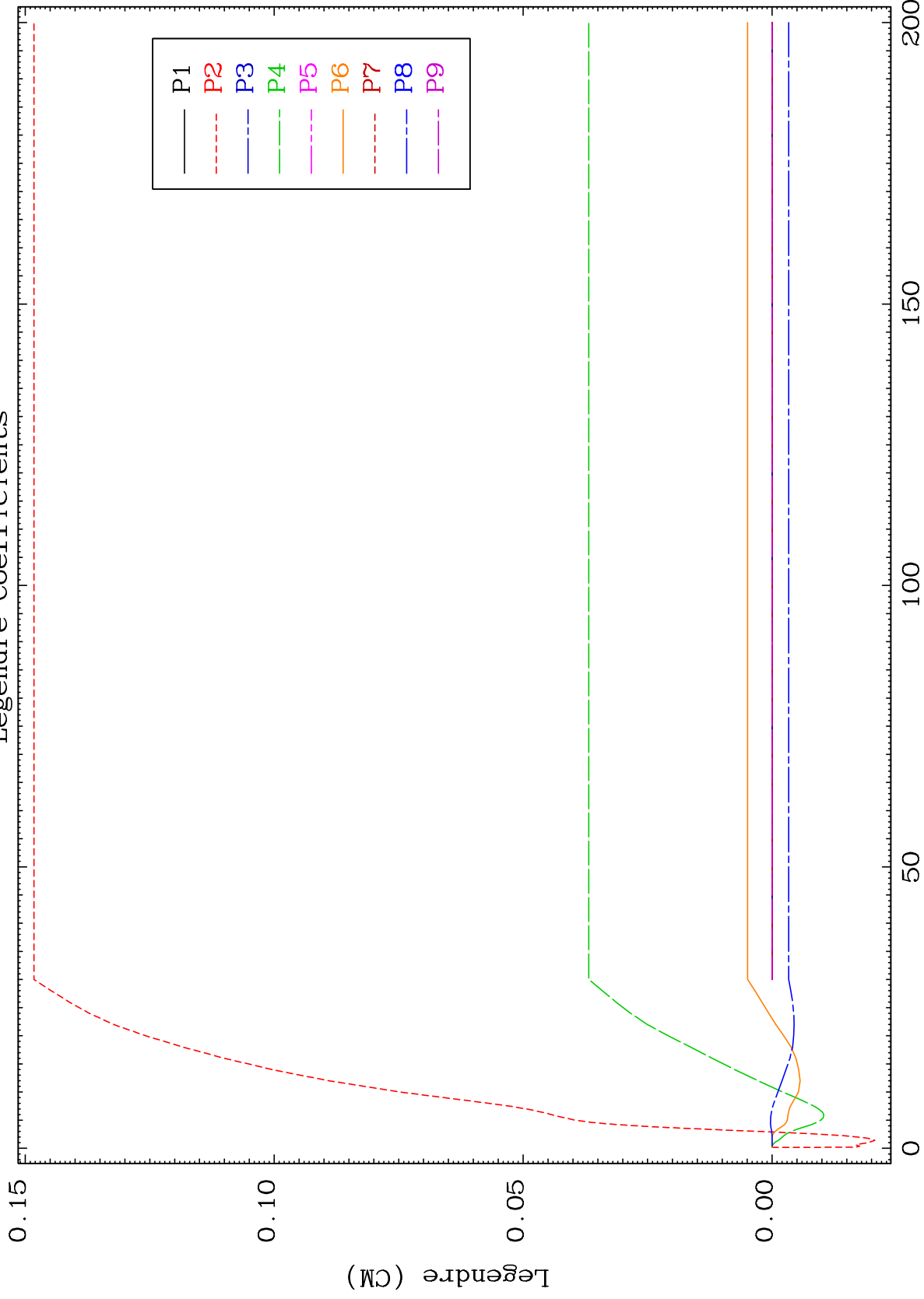




MAT 5313

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

53-I -123



24

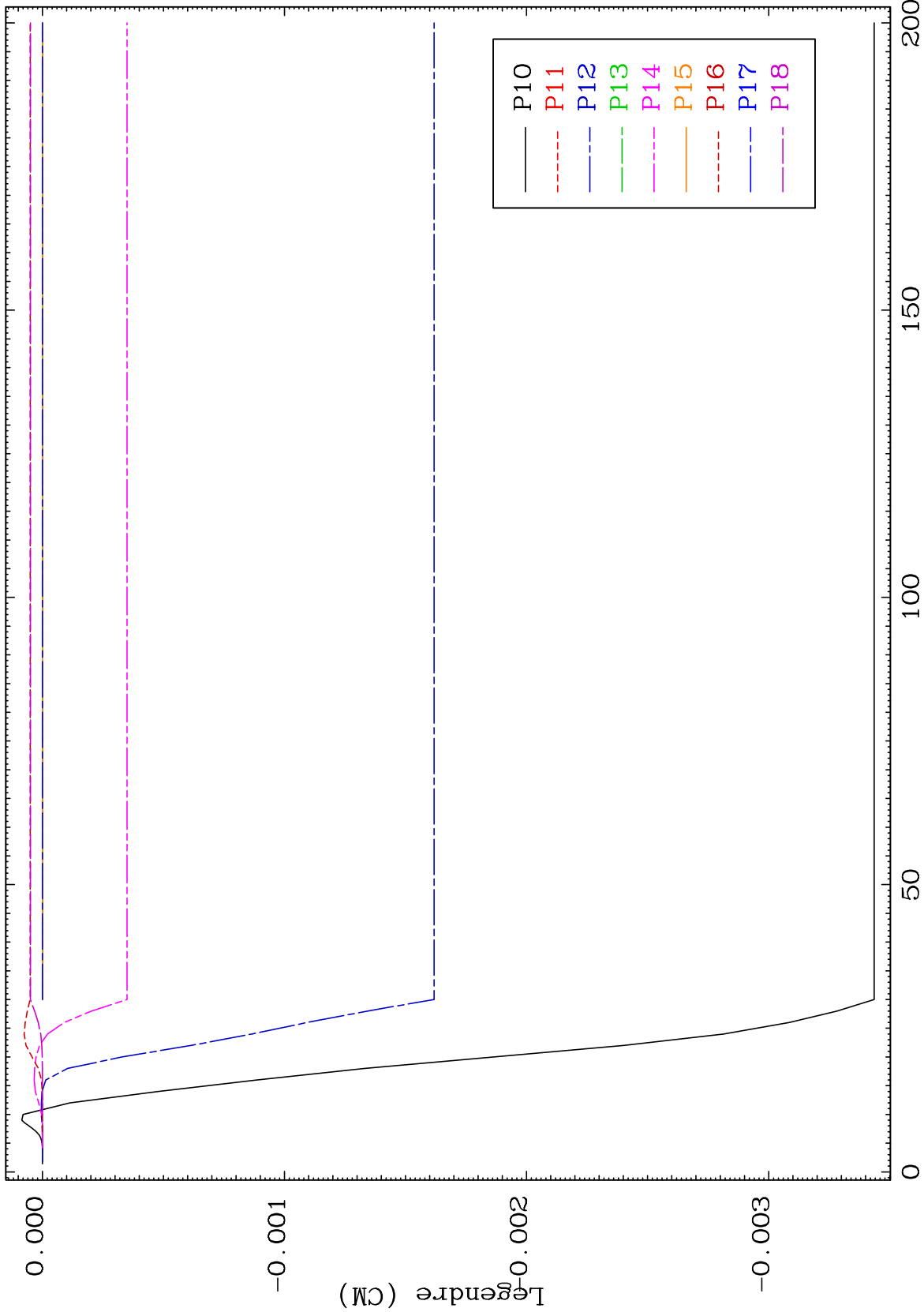
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



25

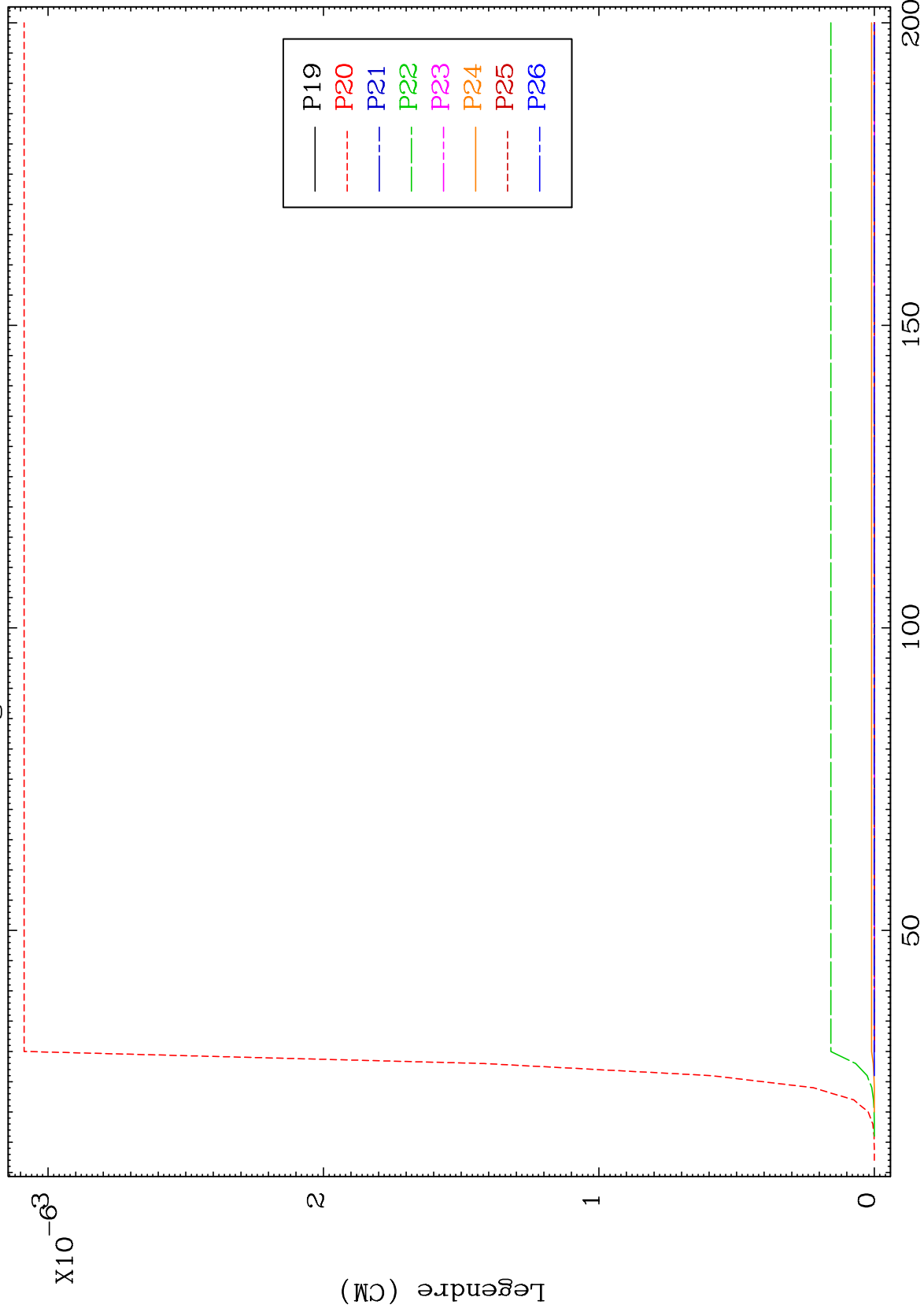
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



26

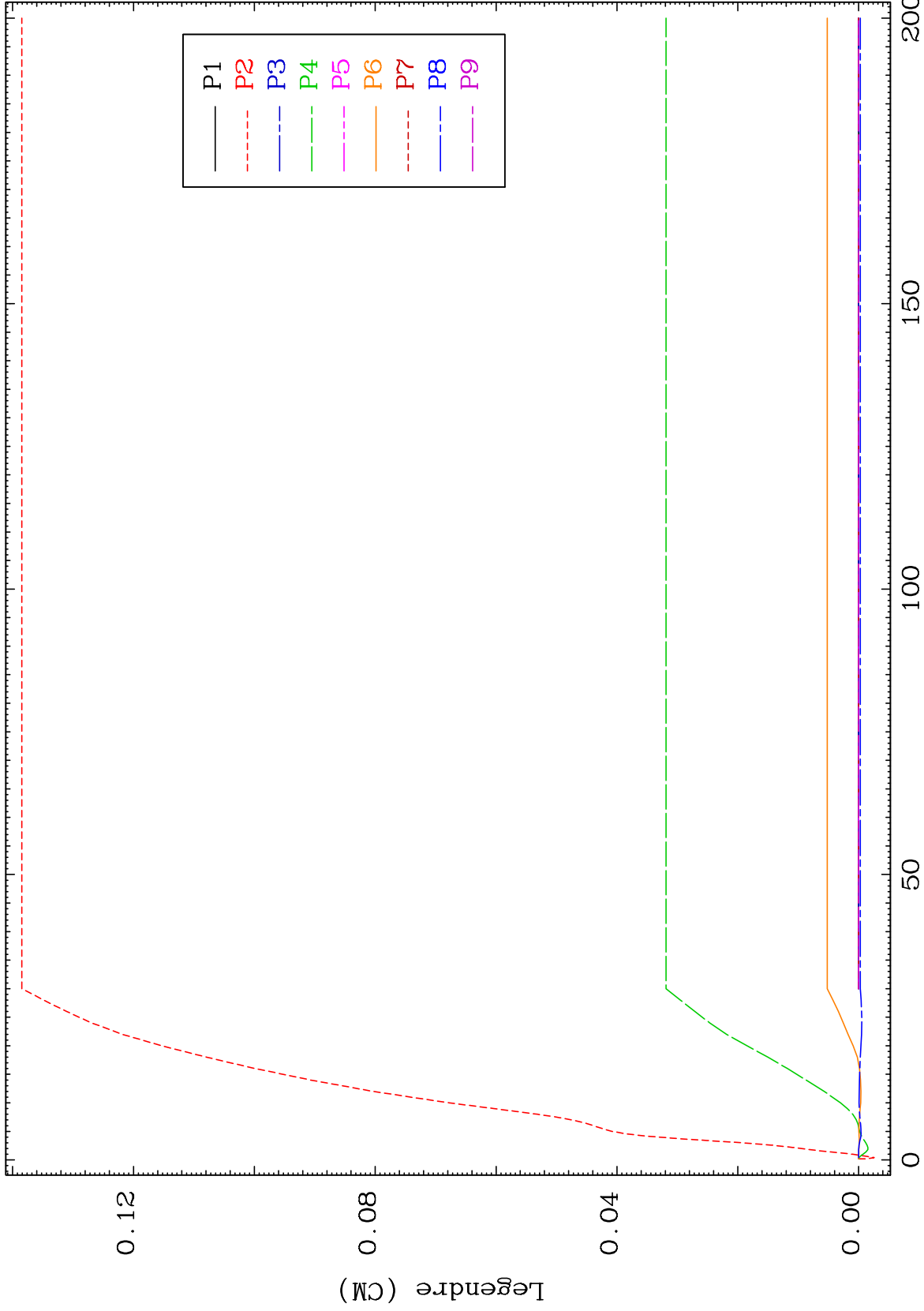
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



27

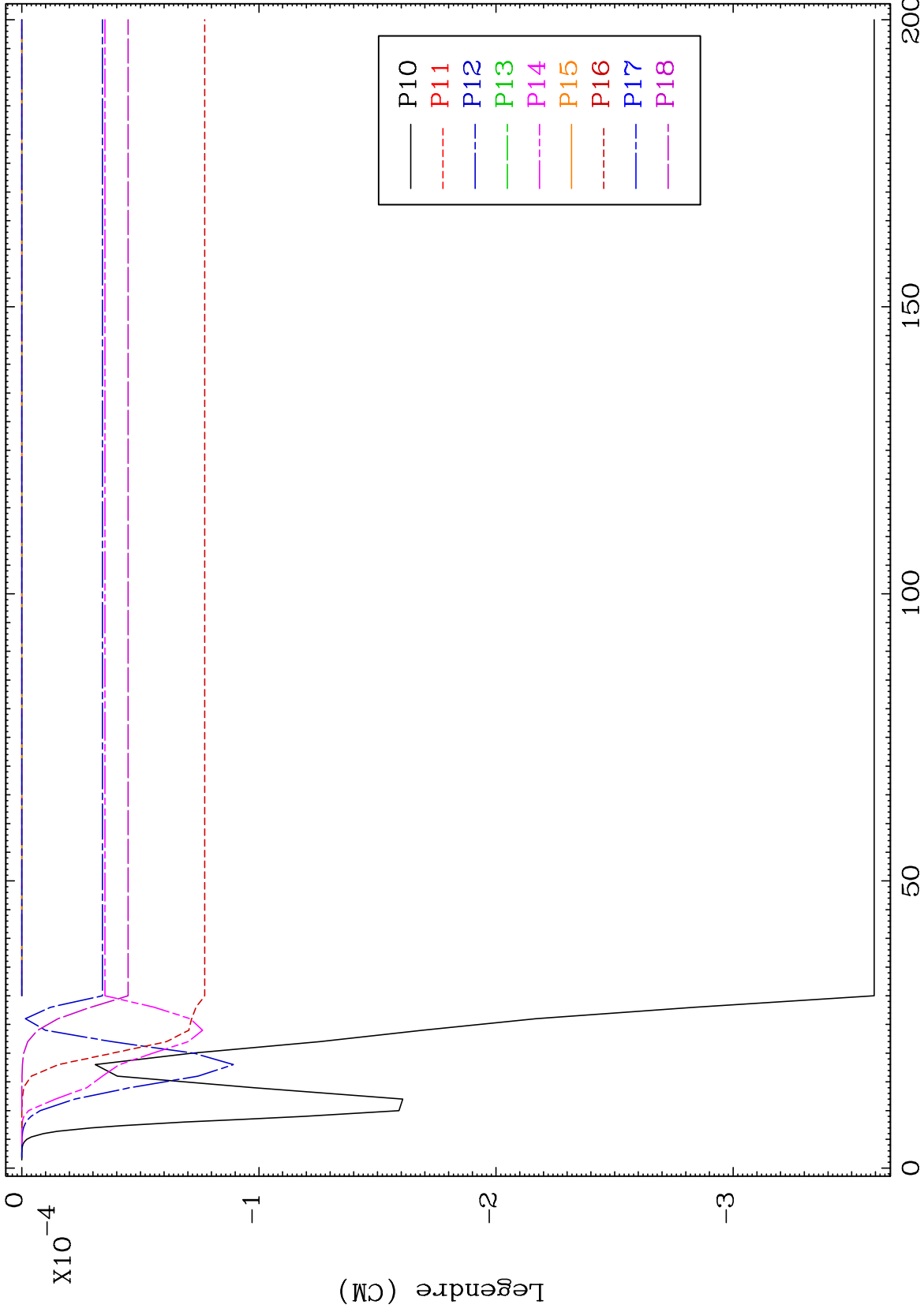
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53-I -123

MAT 5313

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

53-I -123



28

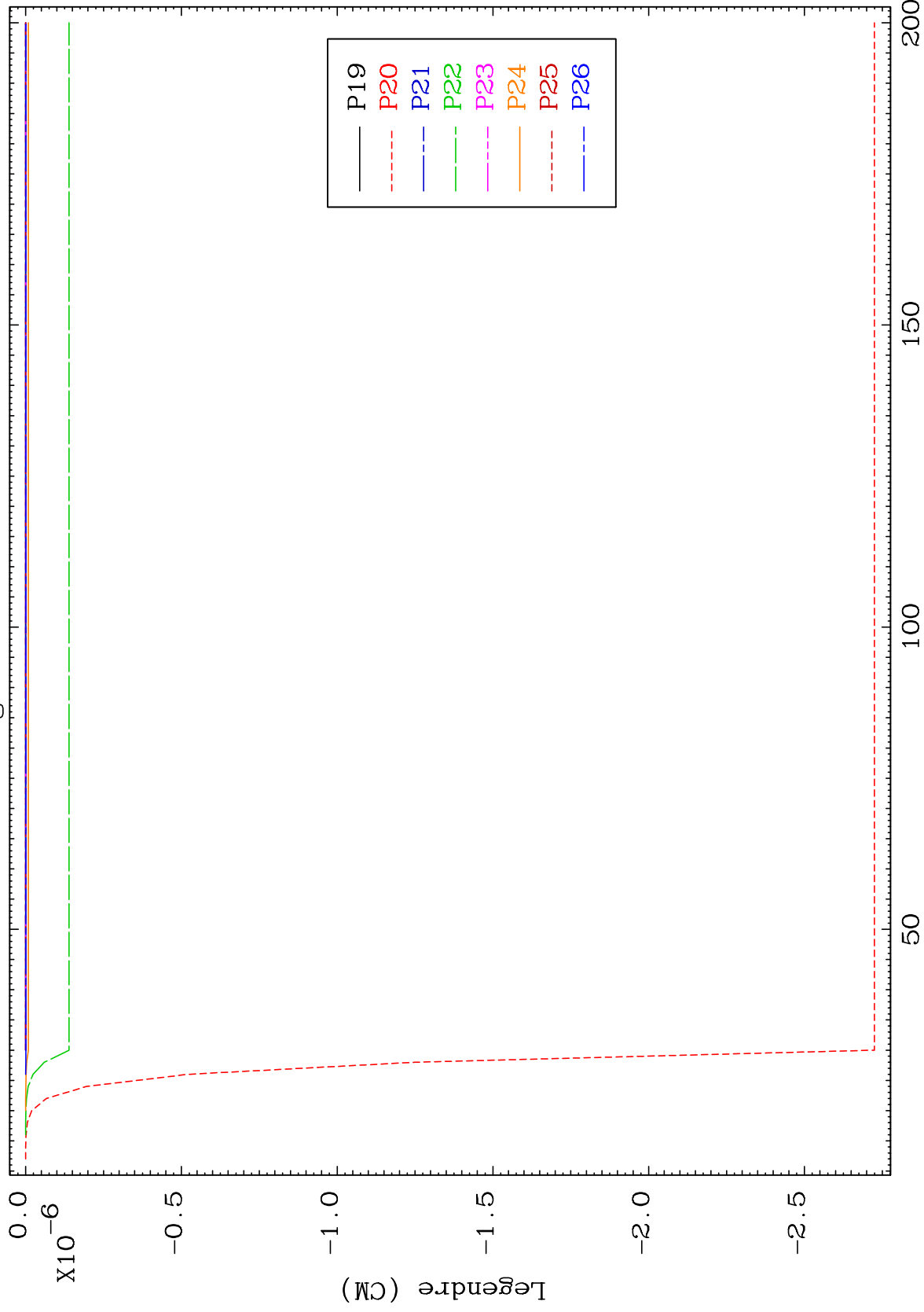
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123

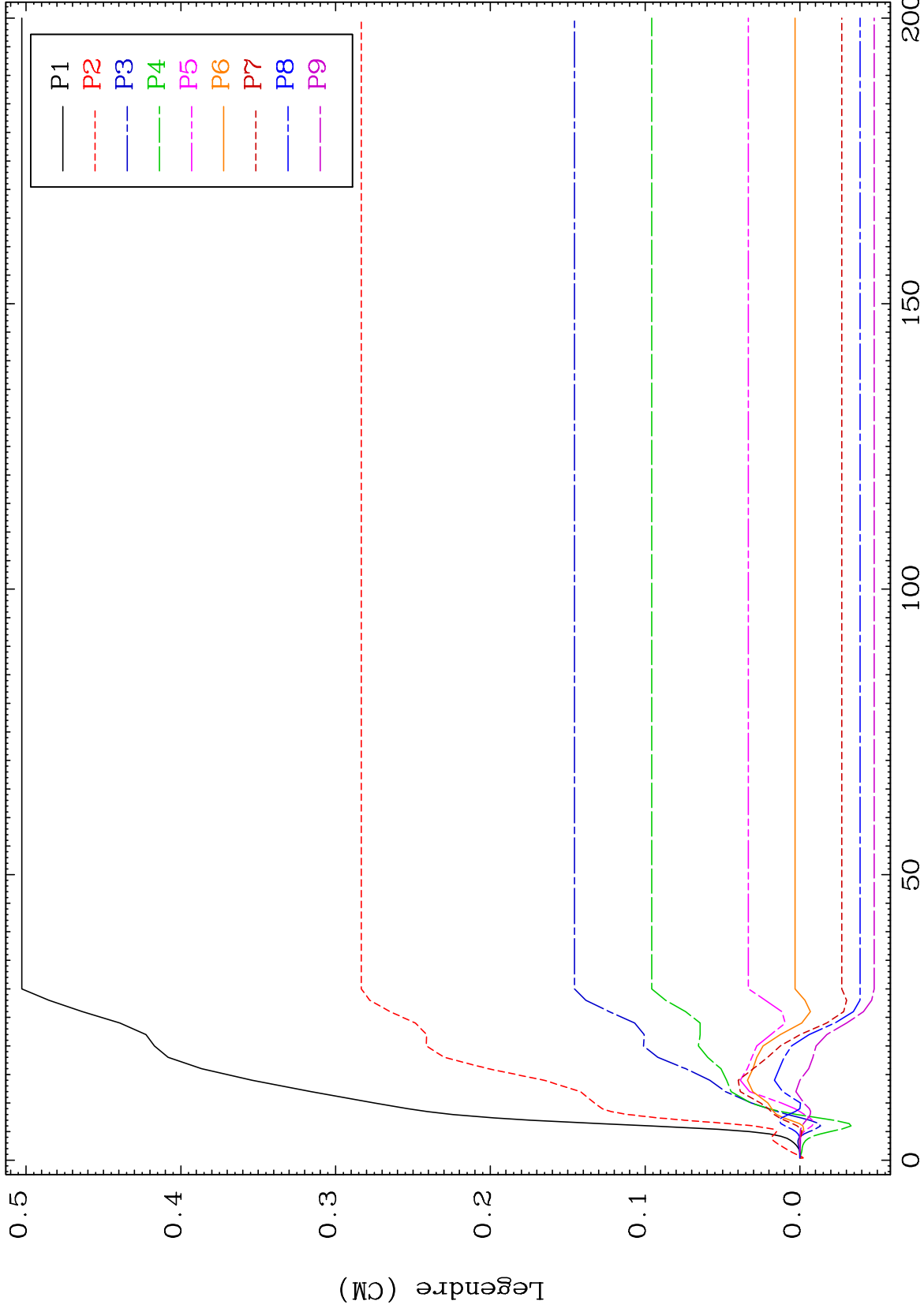


MAT 5313

MT= 54 (n,n') Level

53-I -123

Legendre Coefficients



30

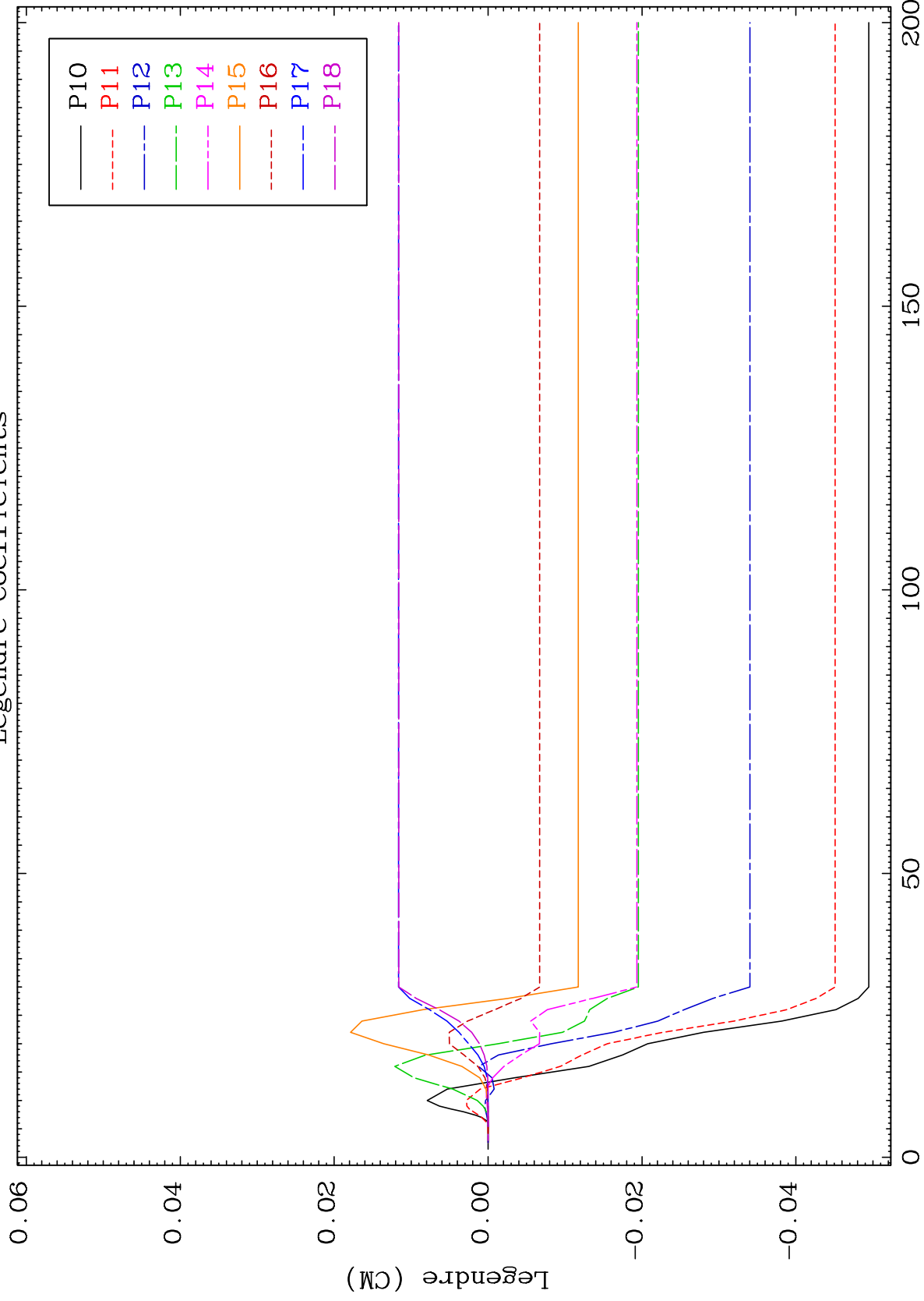
Incident Energy (MeV)

53-I -123

MAT 5313

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

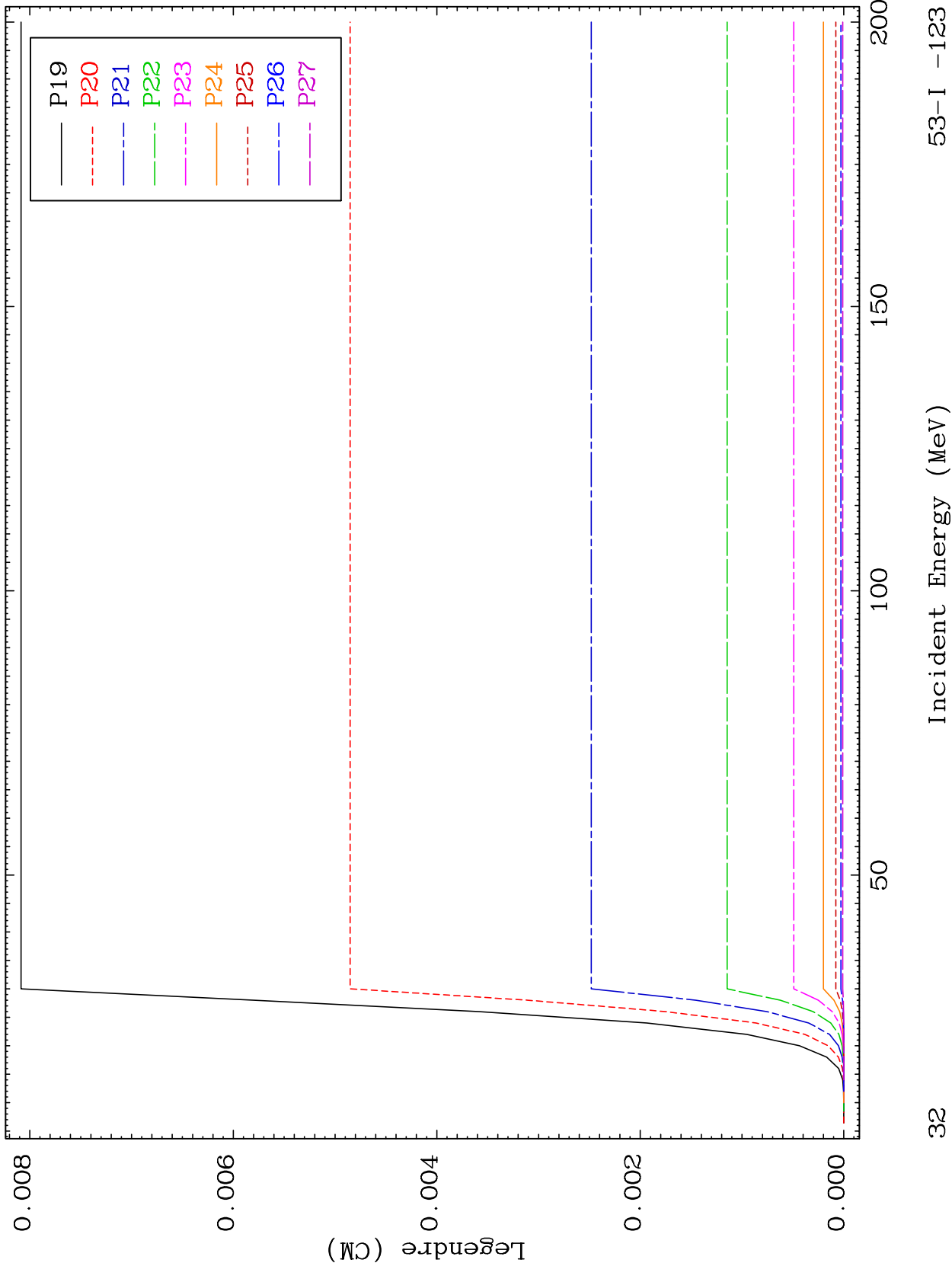
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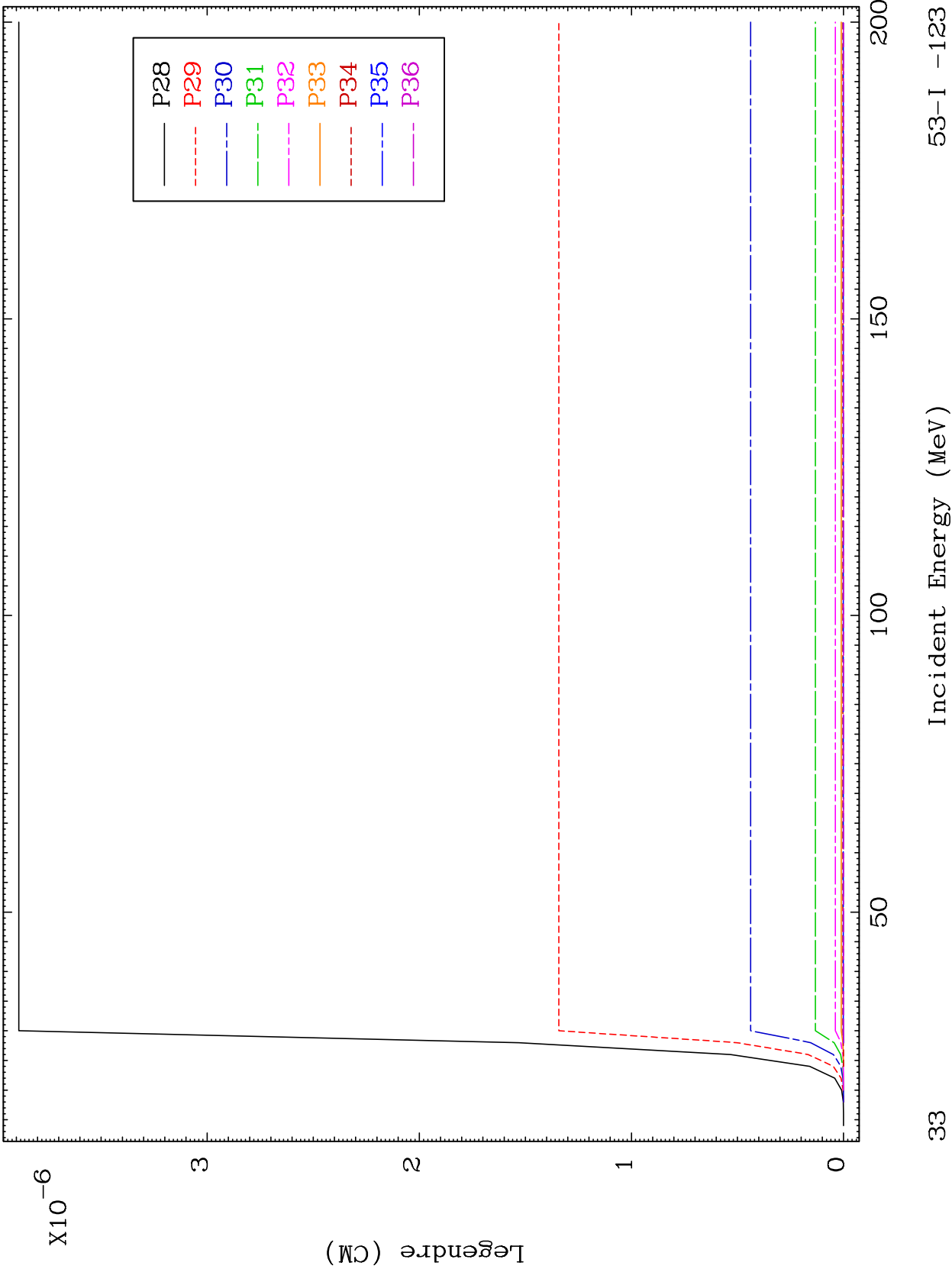


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Incident Energy (MeV)

53-I -123

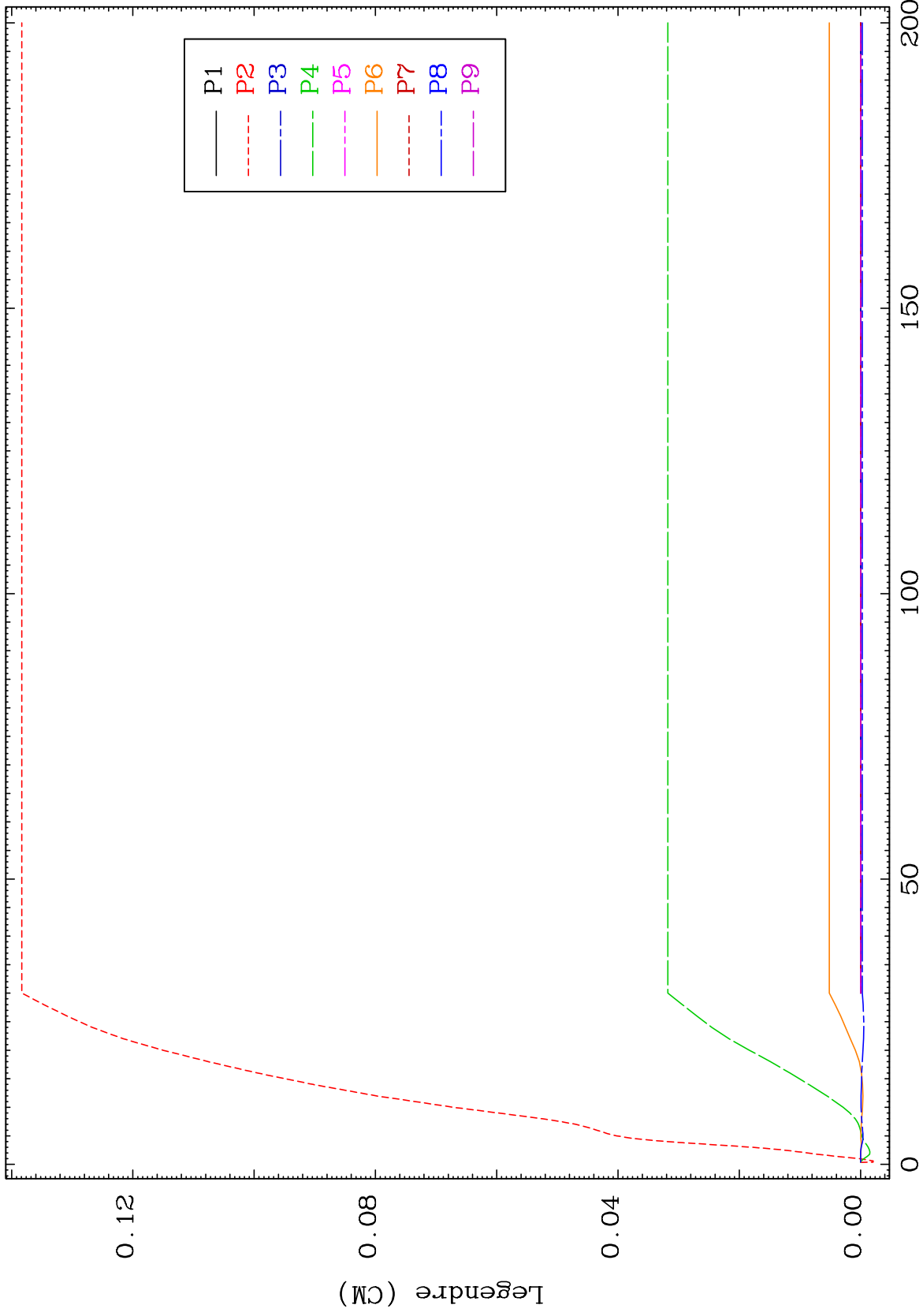




MAT 5313

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

53-I -123



34

Incident Energy (MeV)

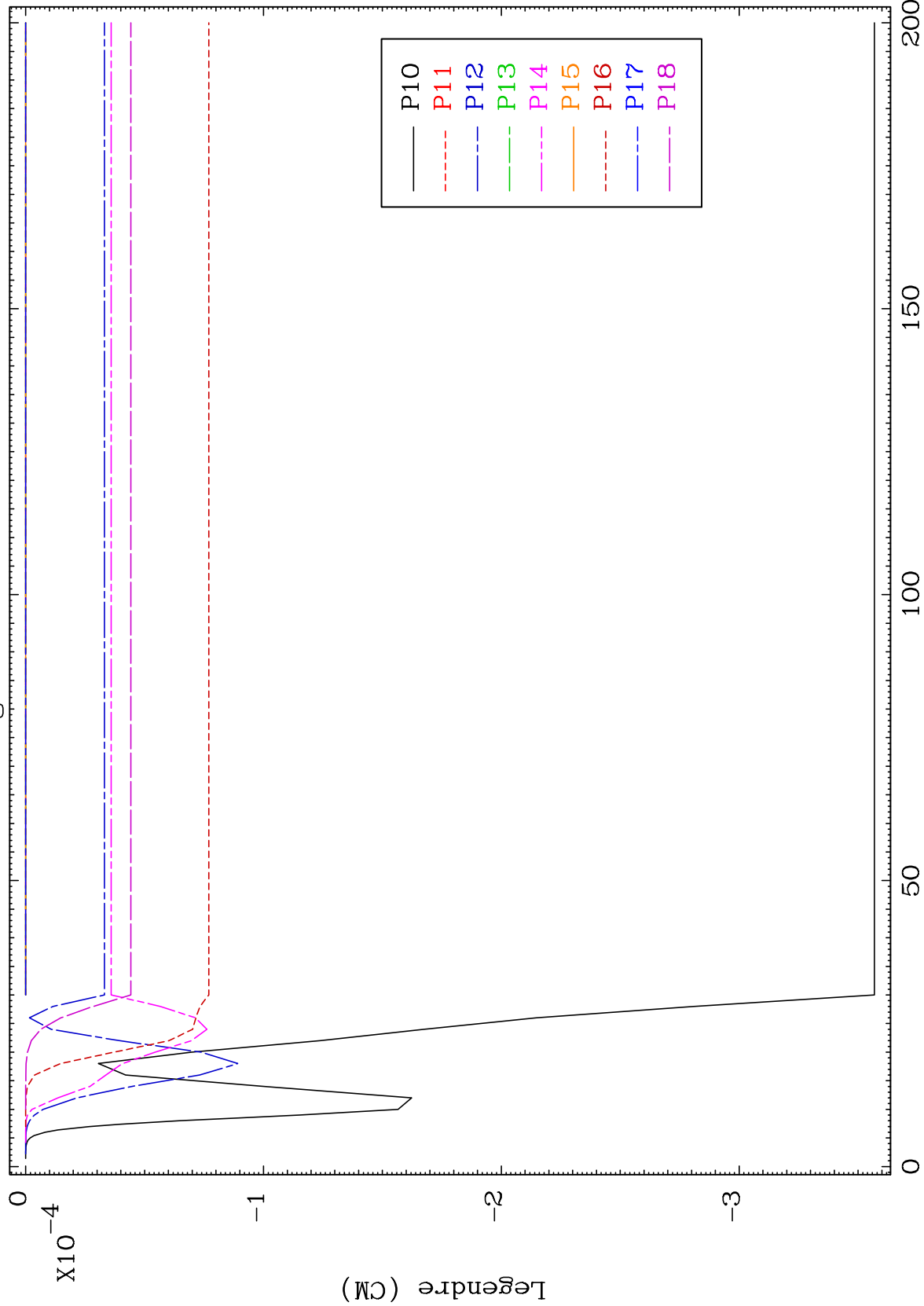
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MAT 5313

MT= 55 (n,n') Level

53-I -123

Legendre Coefficients



35

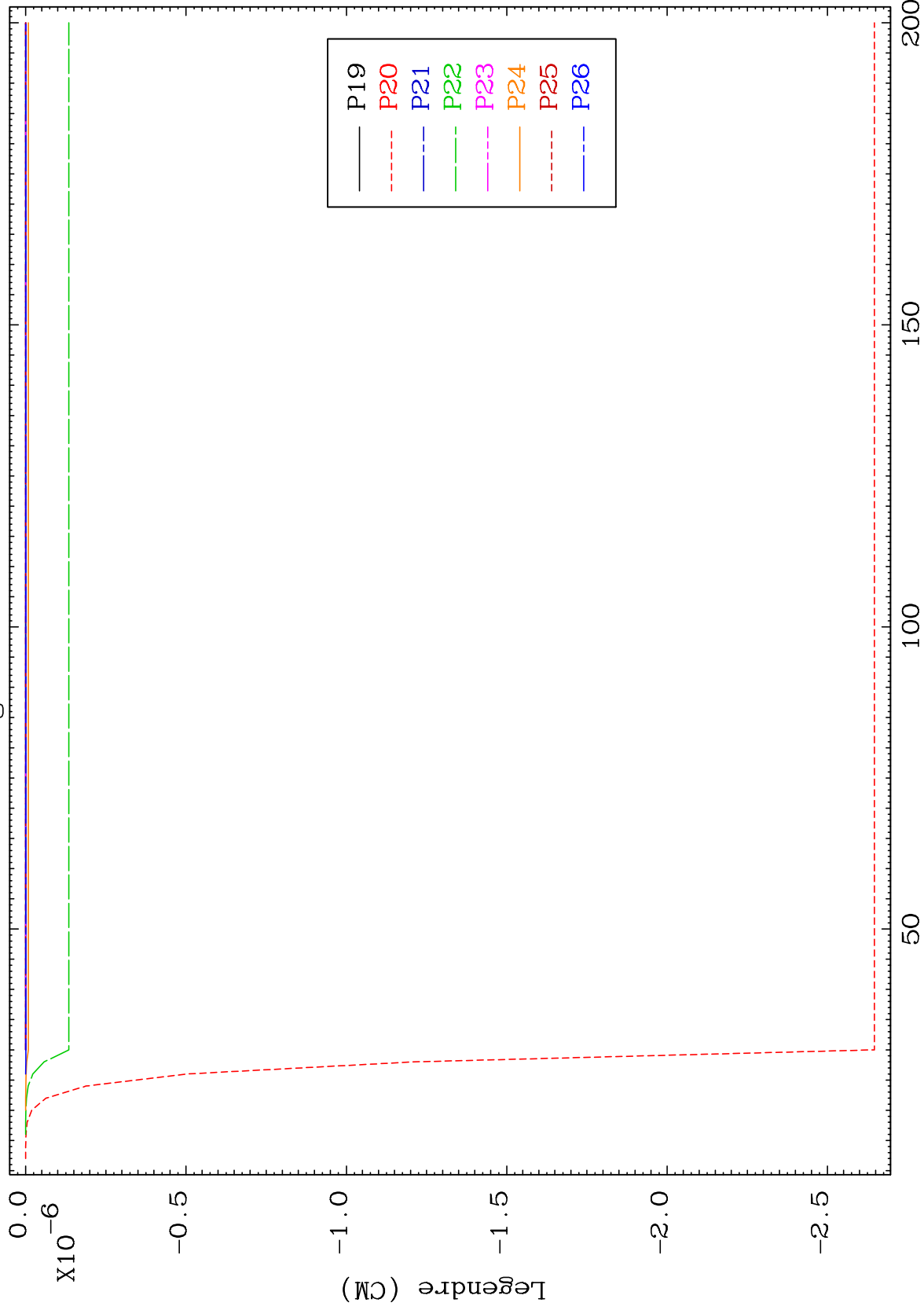
Incident Energy (MeV)

53-I -123

MAT 5313

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

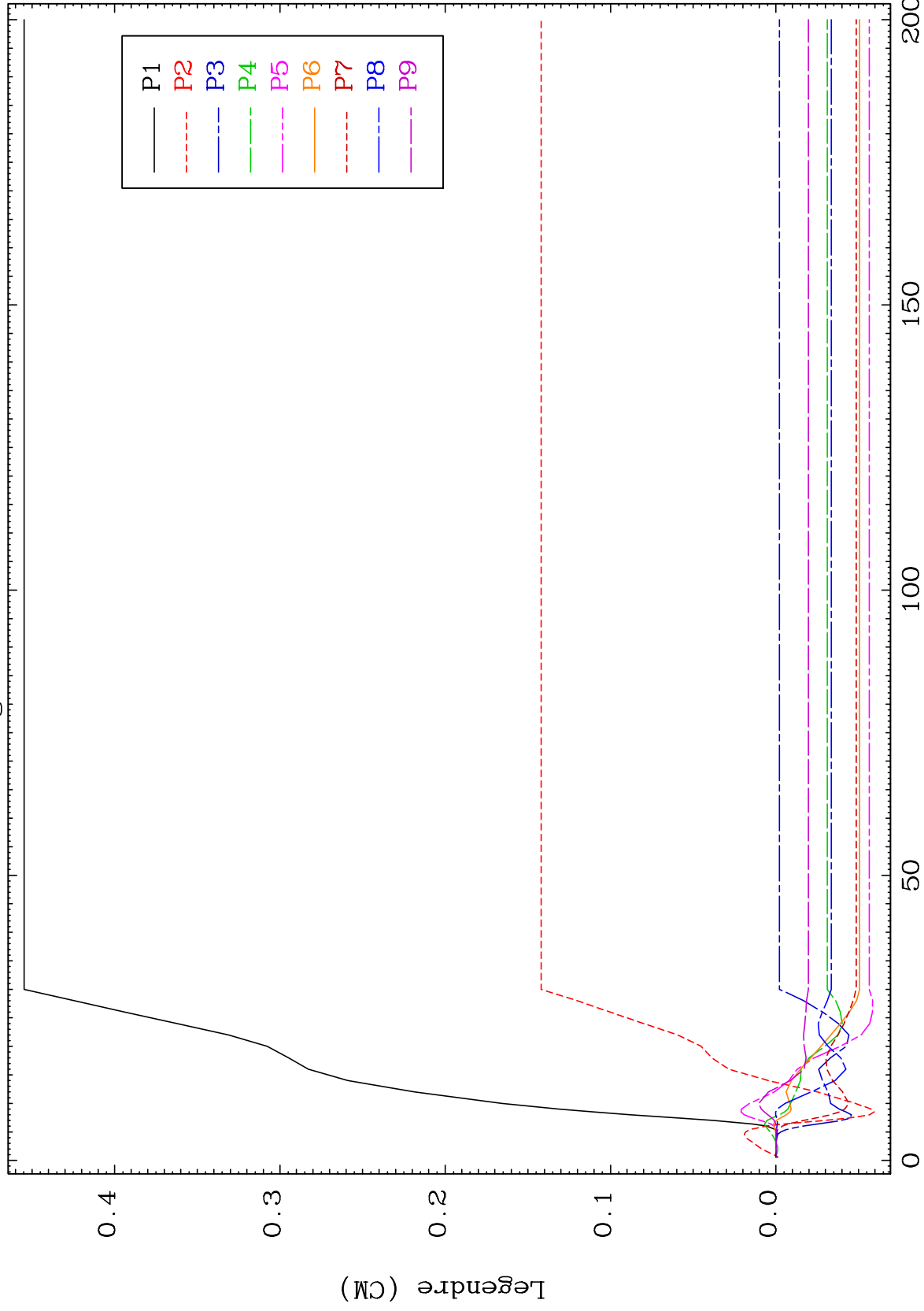
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36

Incident Energy (MeV)

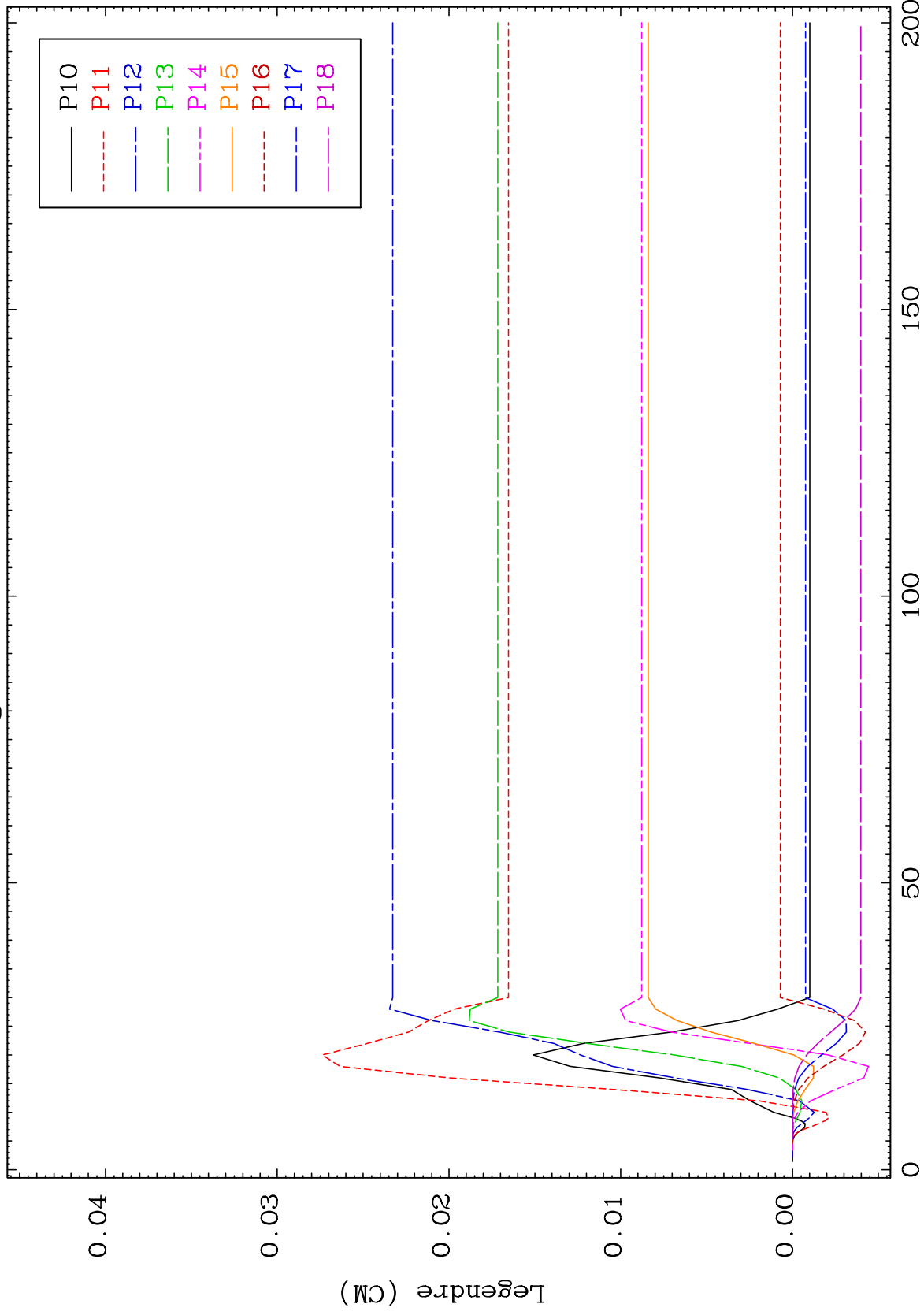
53-I -123



MAT 5313

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

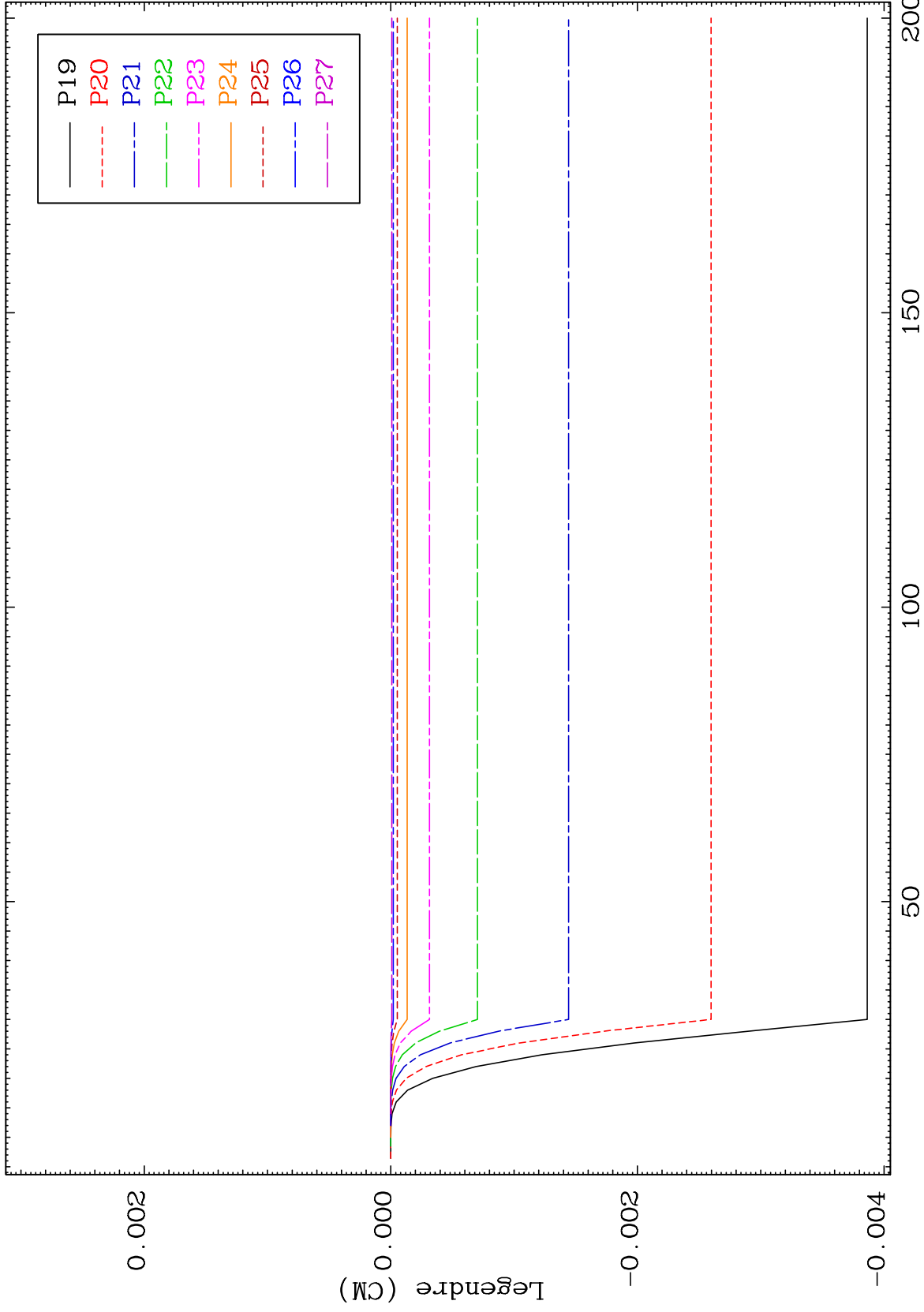
53-I -123



38

Incident Energy (MeV)

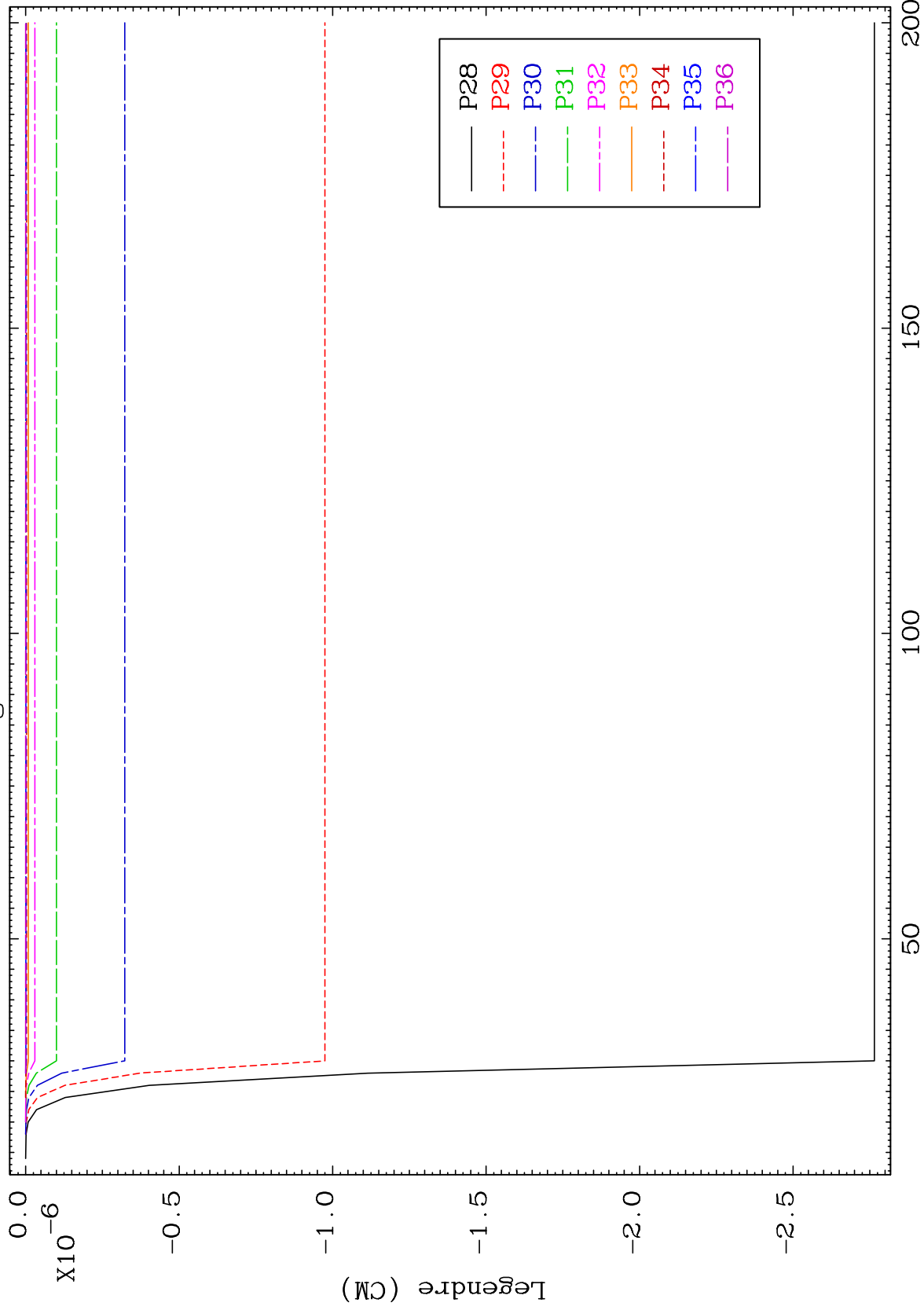
53-I -123



MAT 5313

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

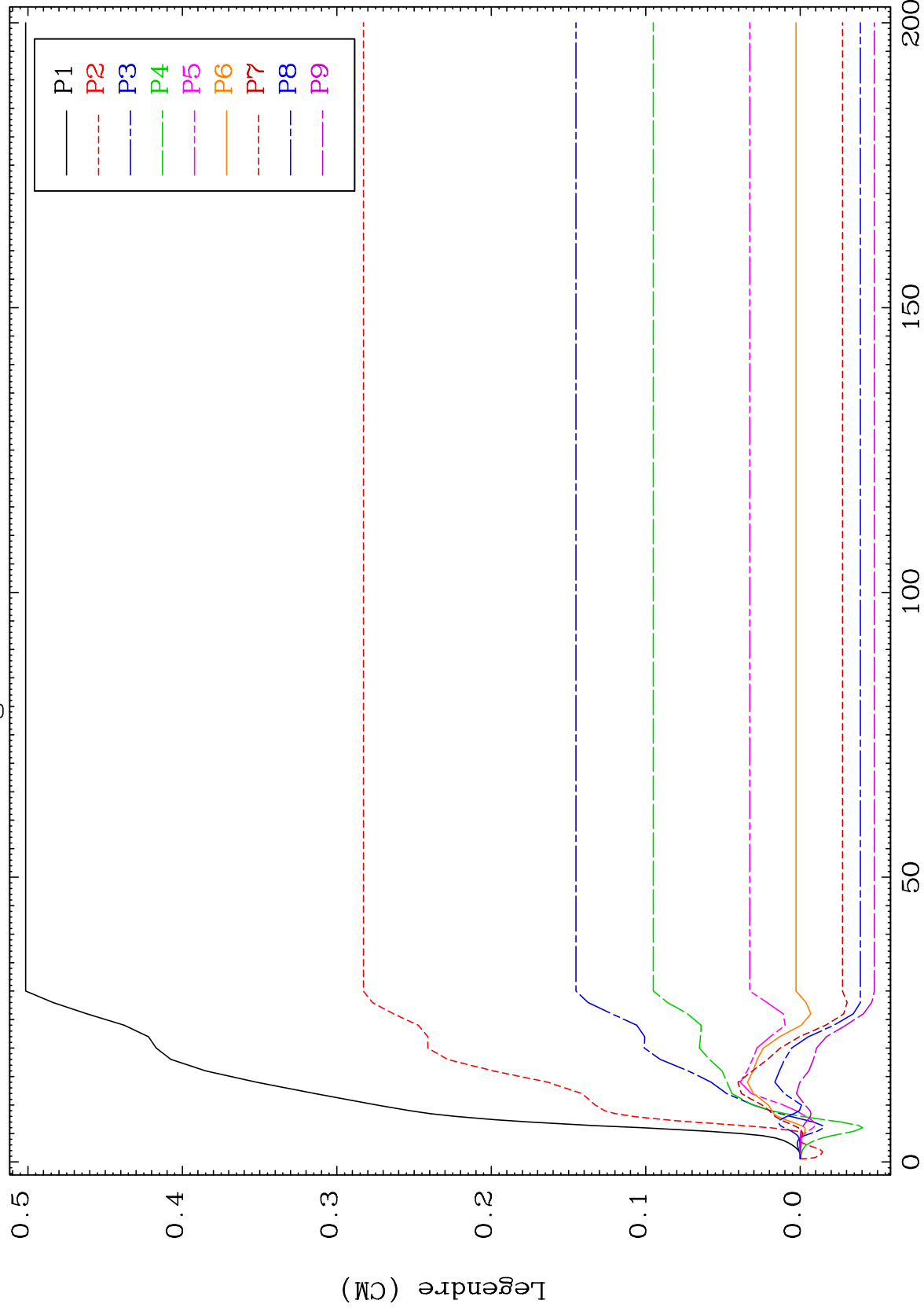
53-I -123



40

Incident Energy (MeV)

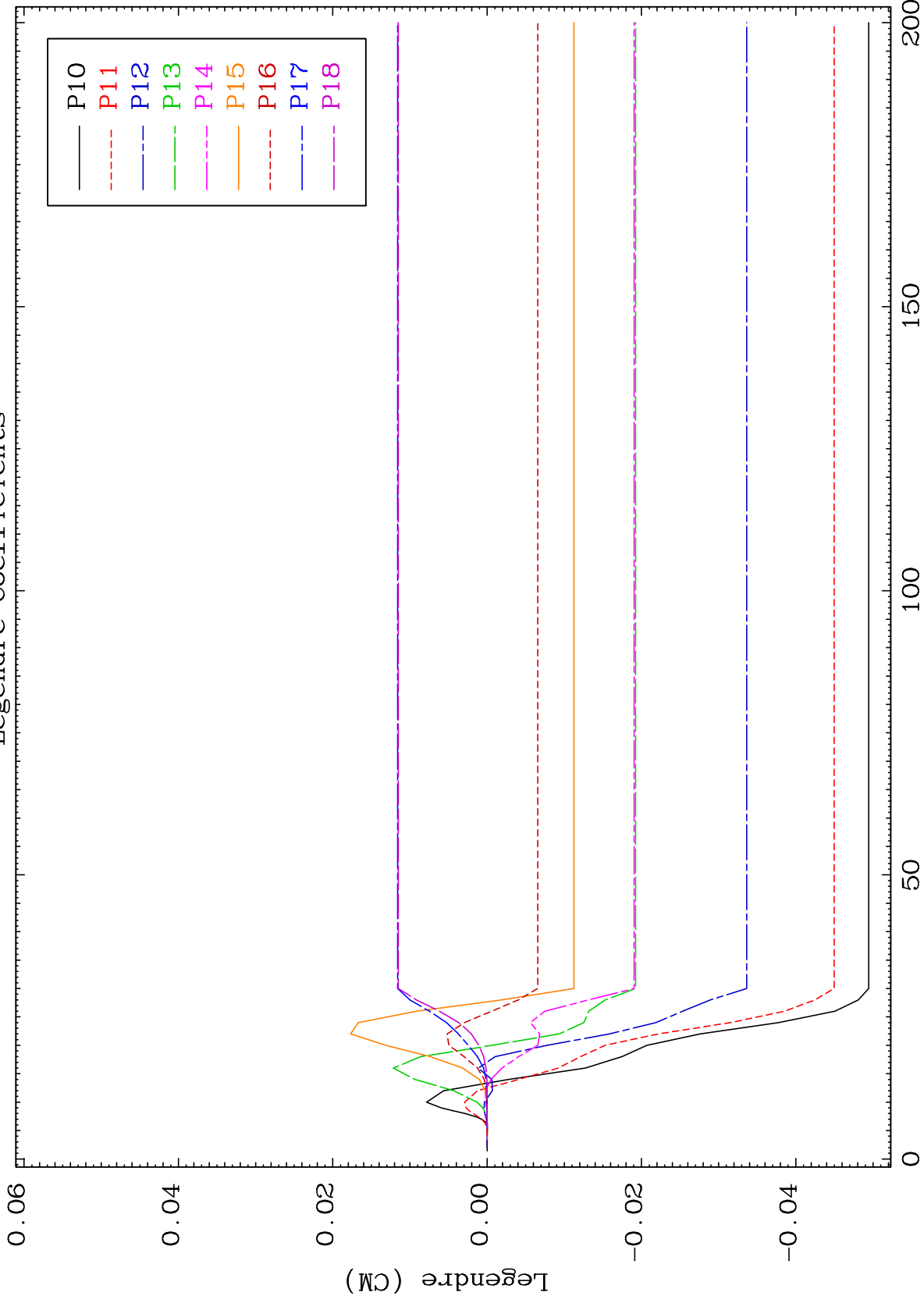
53-I -123



MAT 5313

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

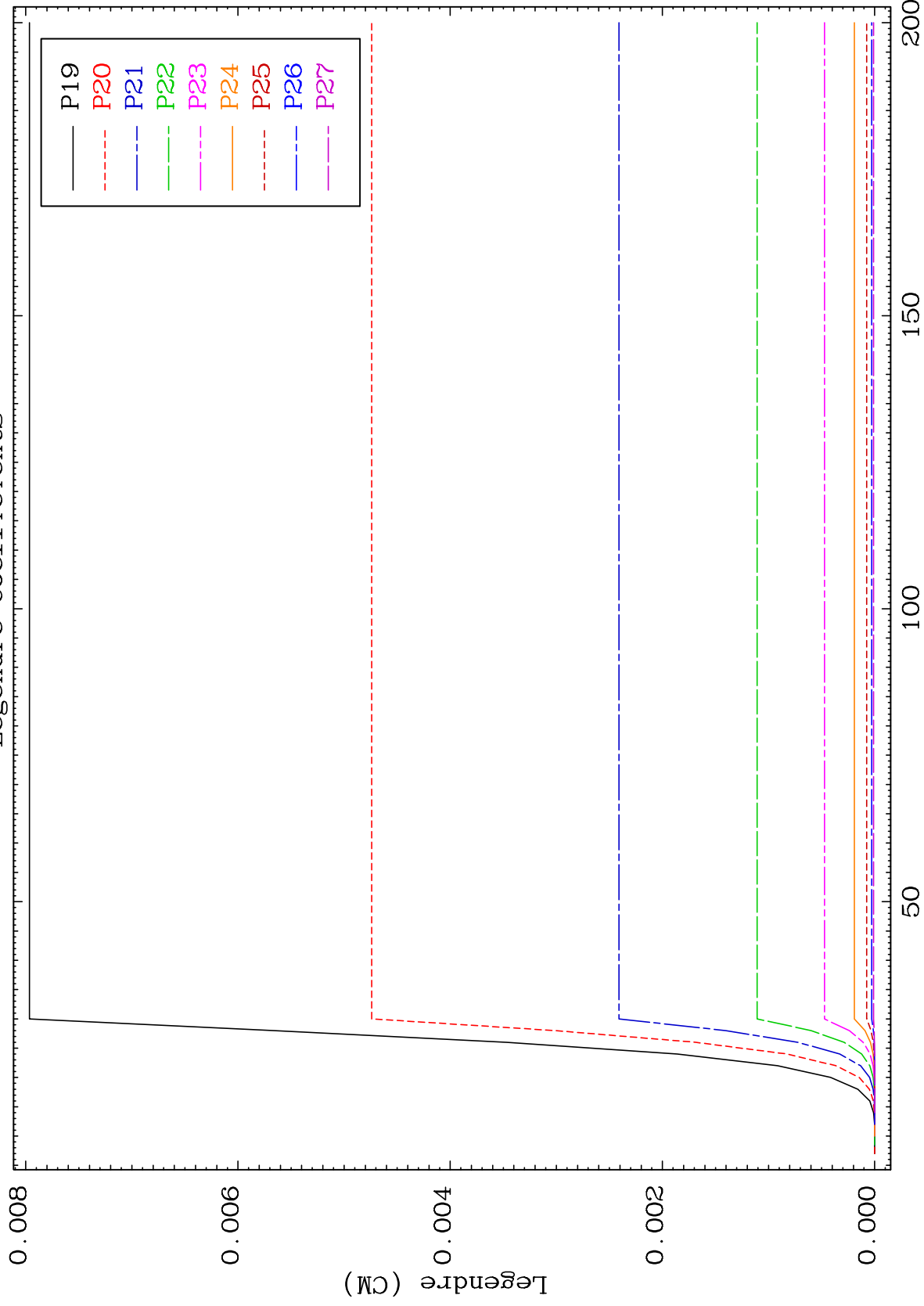
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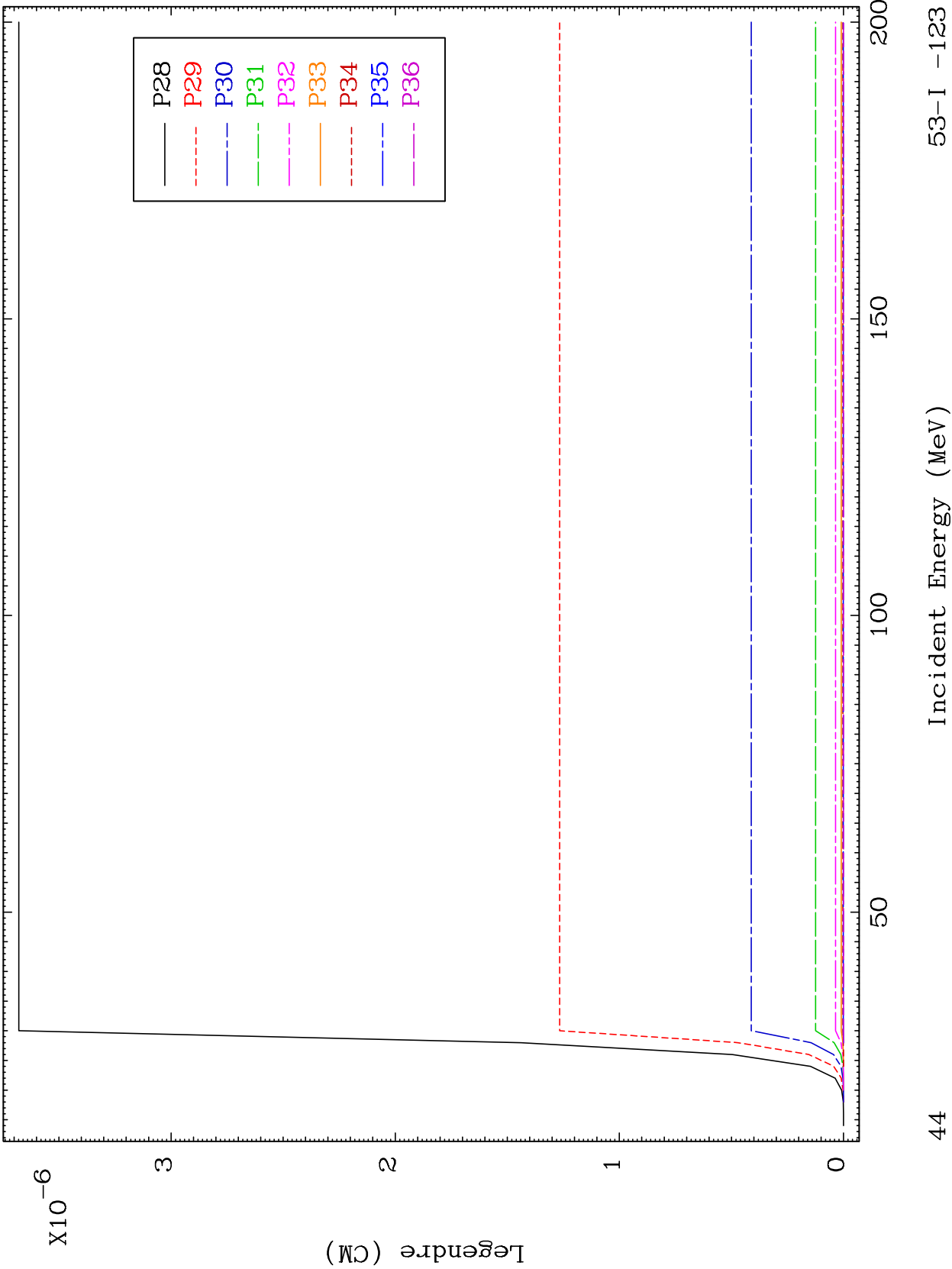


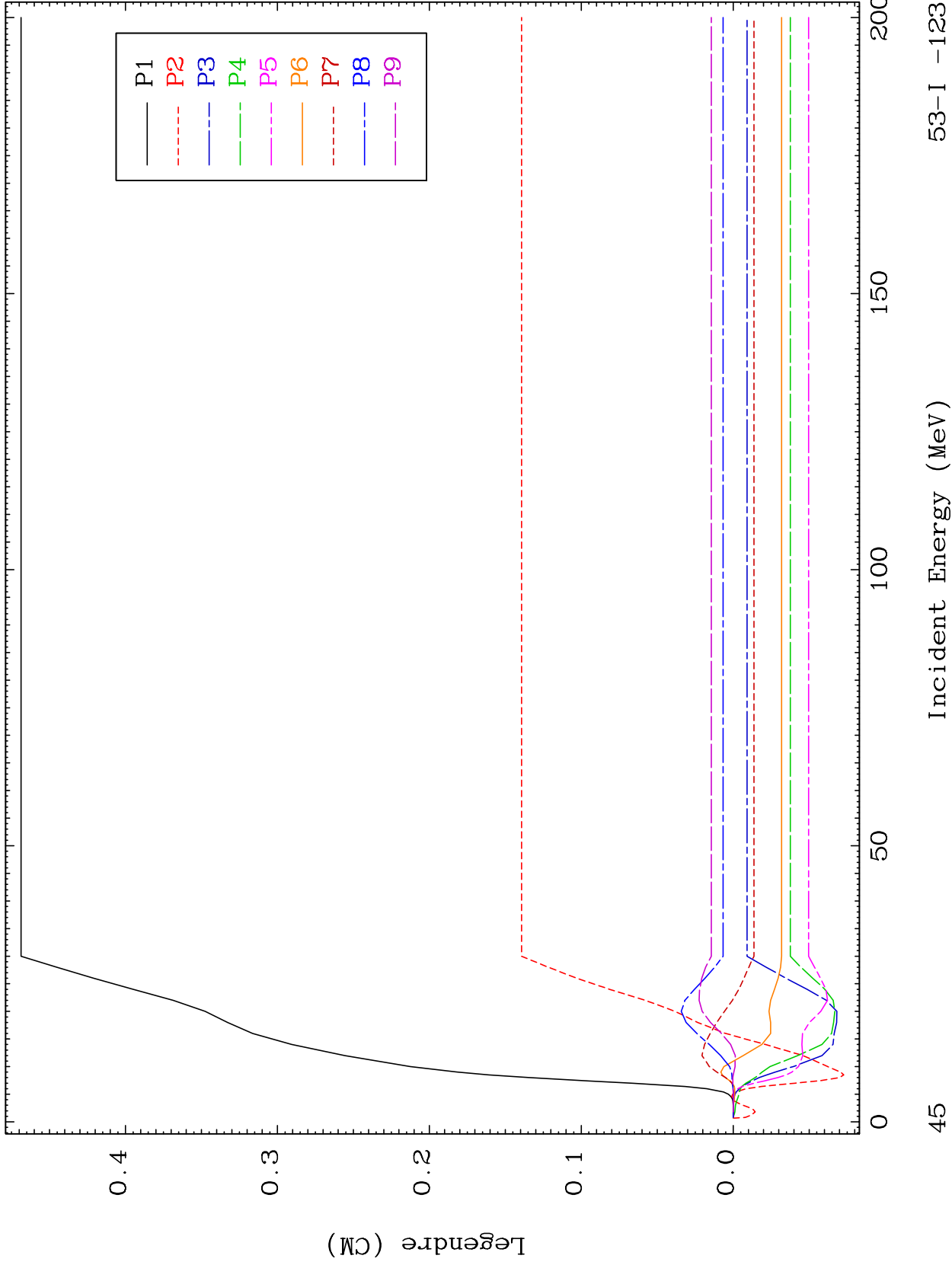
42

Incident Energy (MeV)

53-I -123



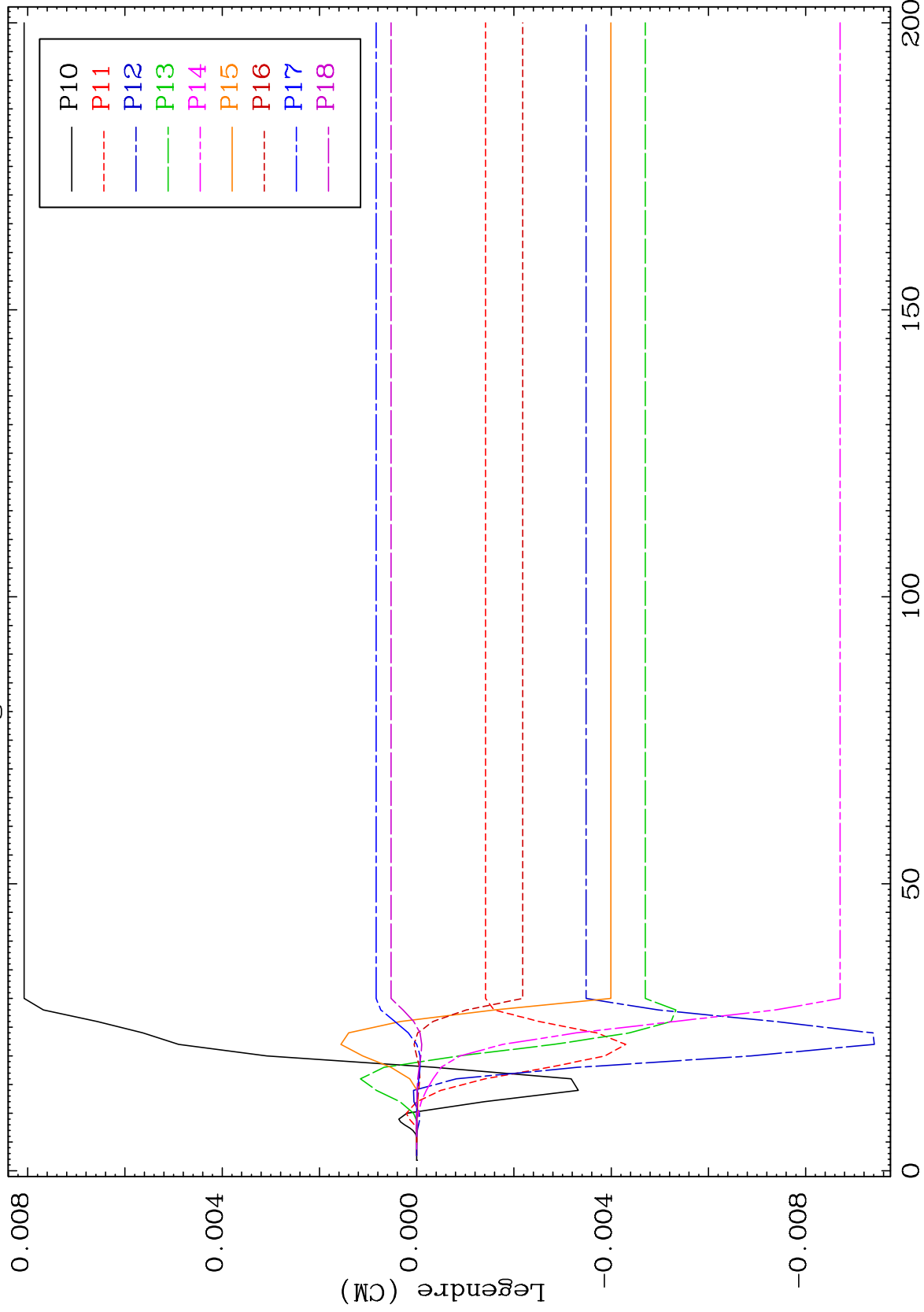




MAT 5313

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

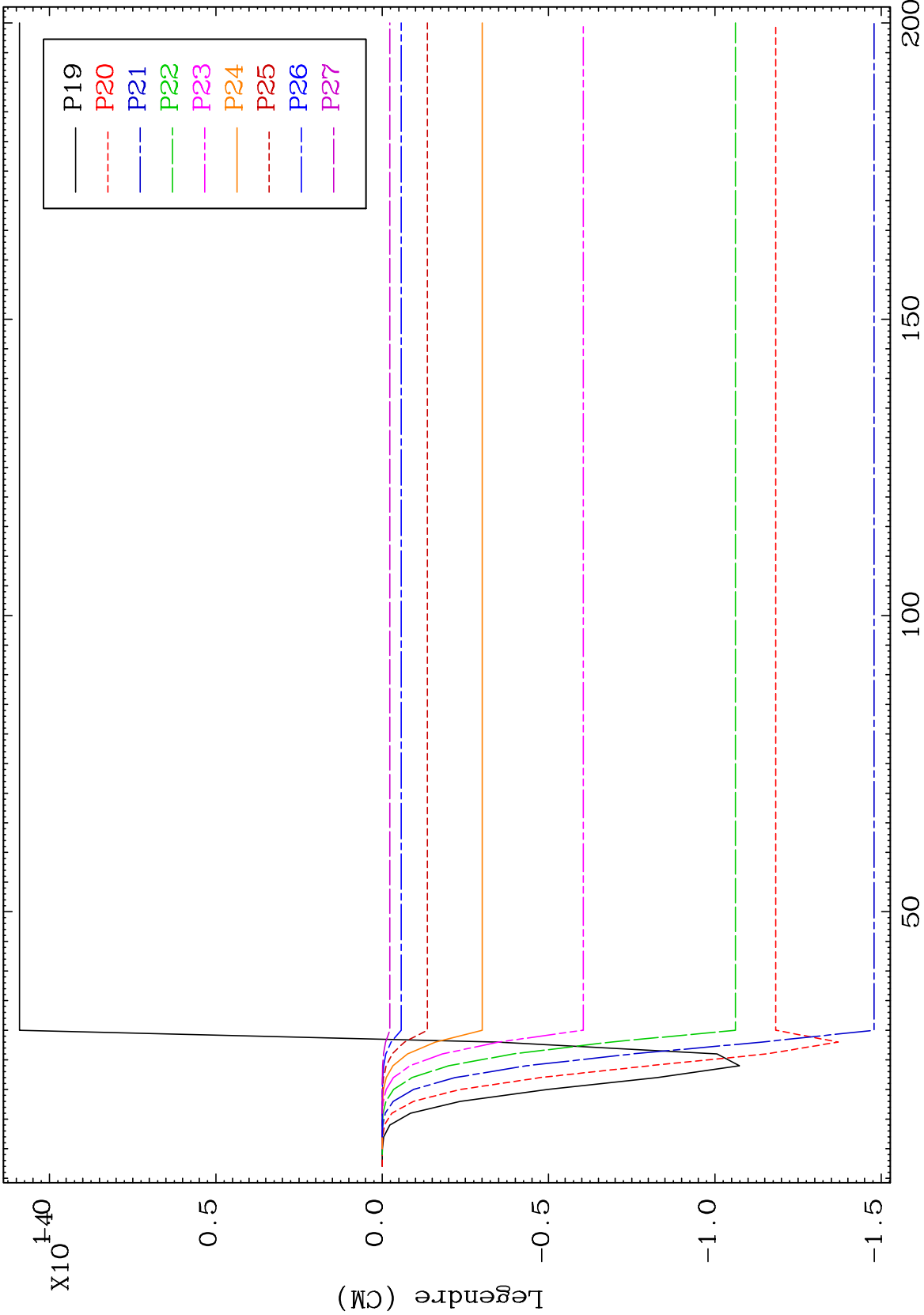
53-I -123



46

Incident Energy (MeV)

53-I -123

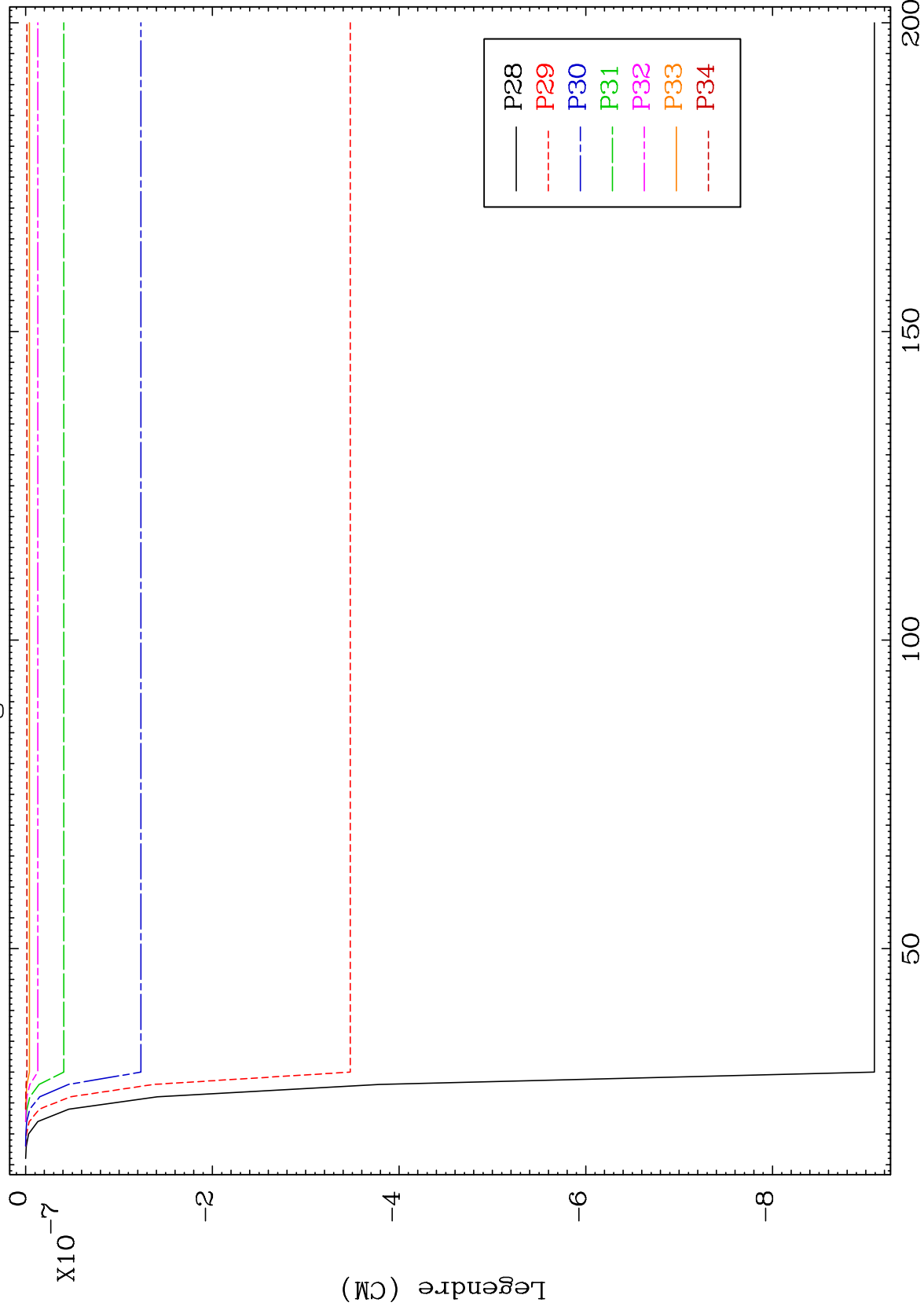


MAT 5313

MT= 58 (n,n') Level

53-I -123

Legendre Coefficients



48

Incident Energy (MeV)

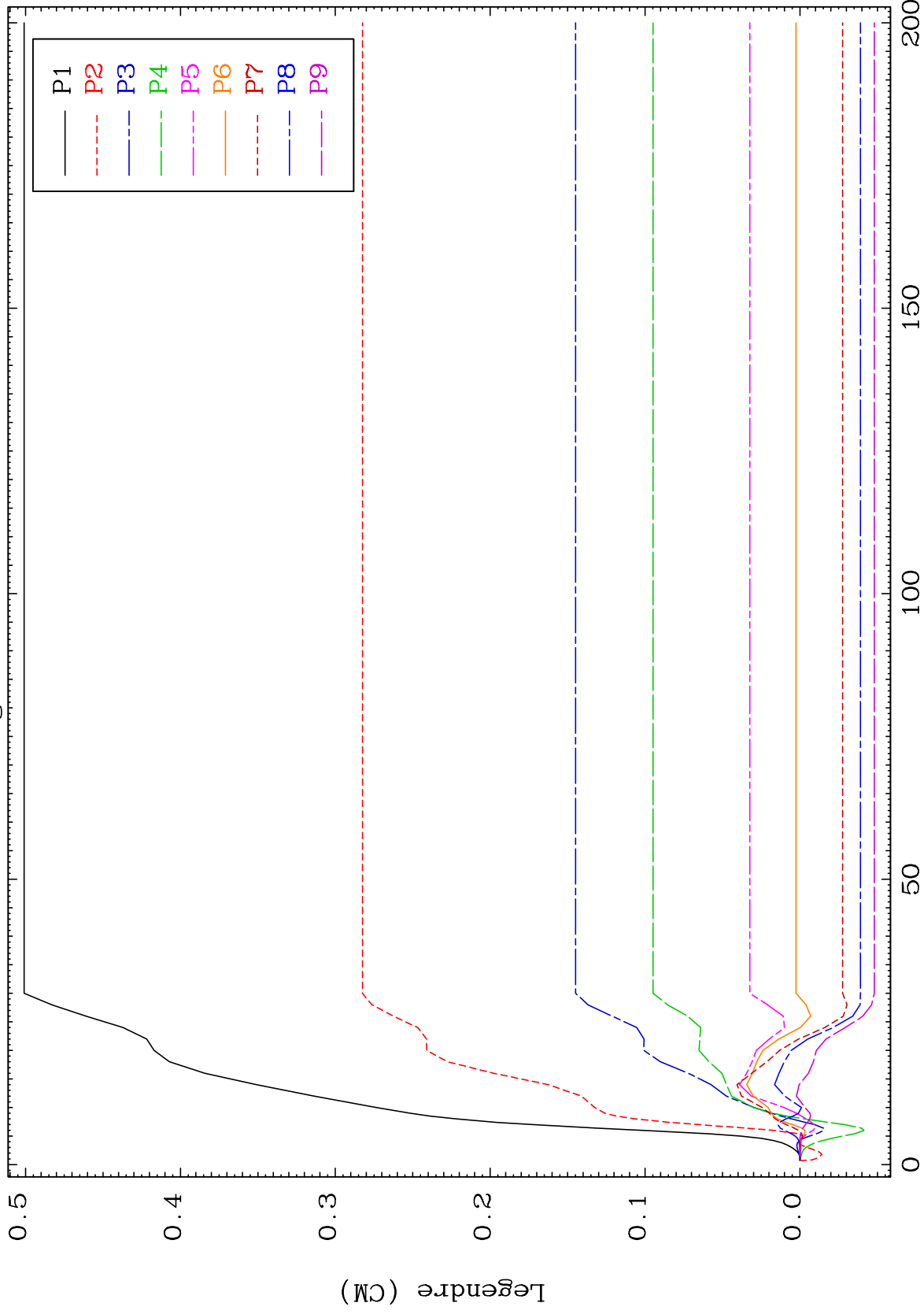
53-I -123

MAT 5313

MT= 59 (n,n') Level

53-I -123

Legendre Coefficients



49

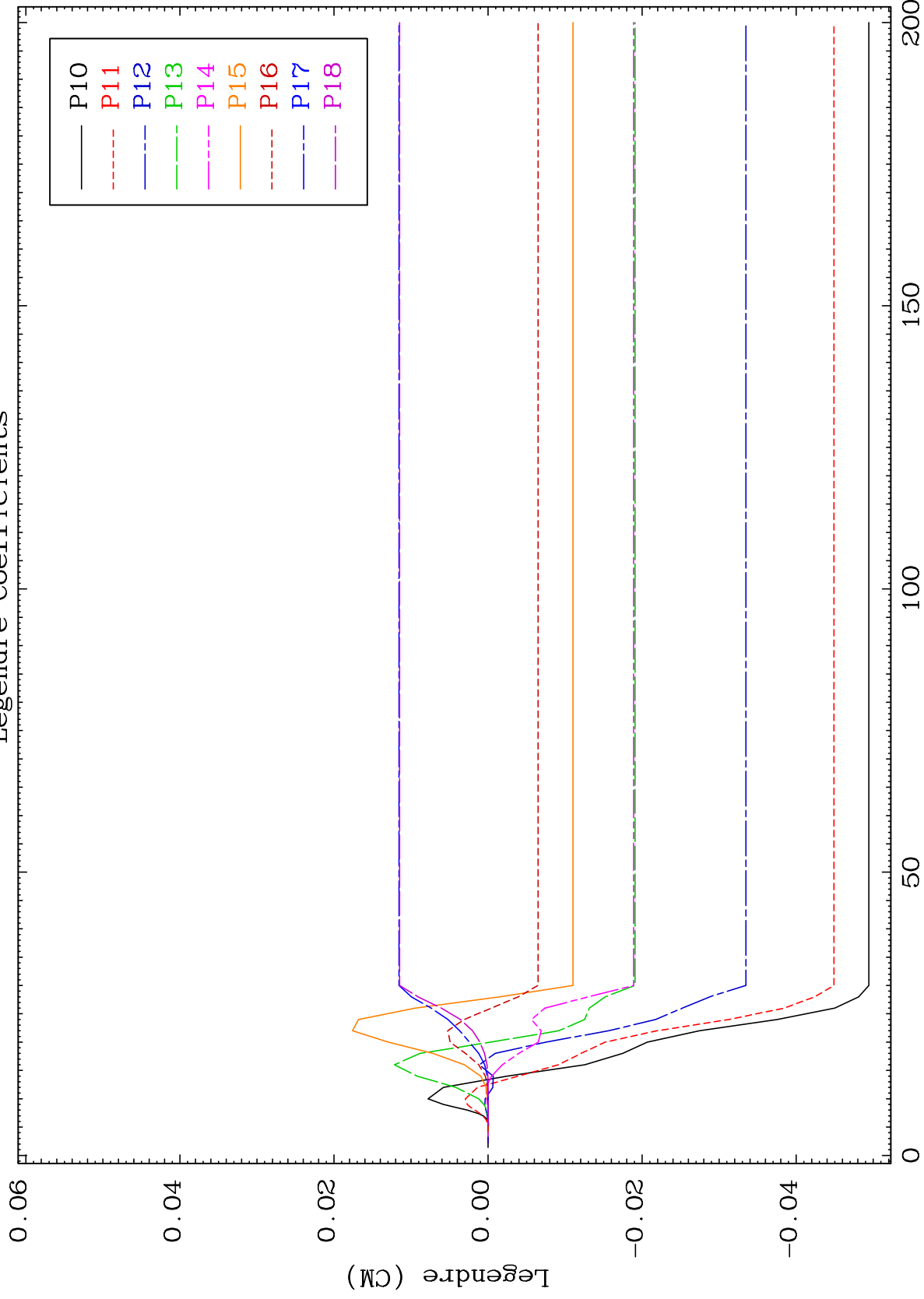
Incident Energy (MeV)

53-I -123

MAT 5313

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

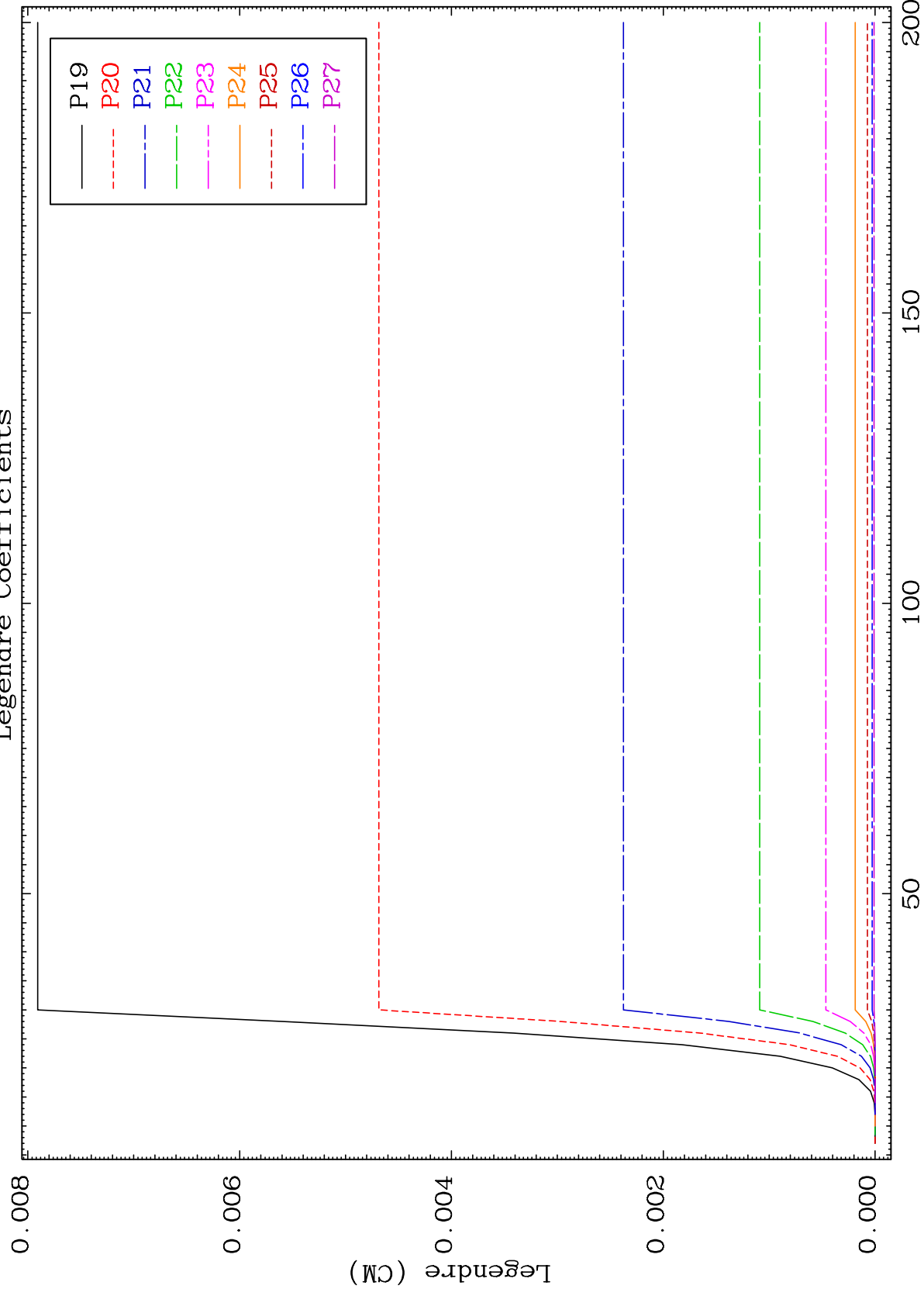
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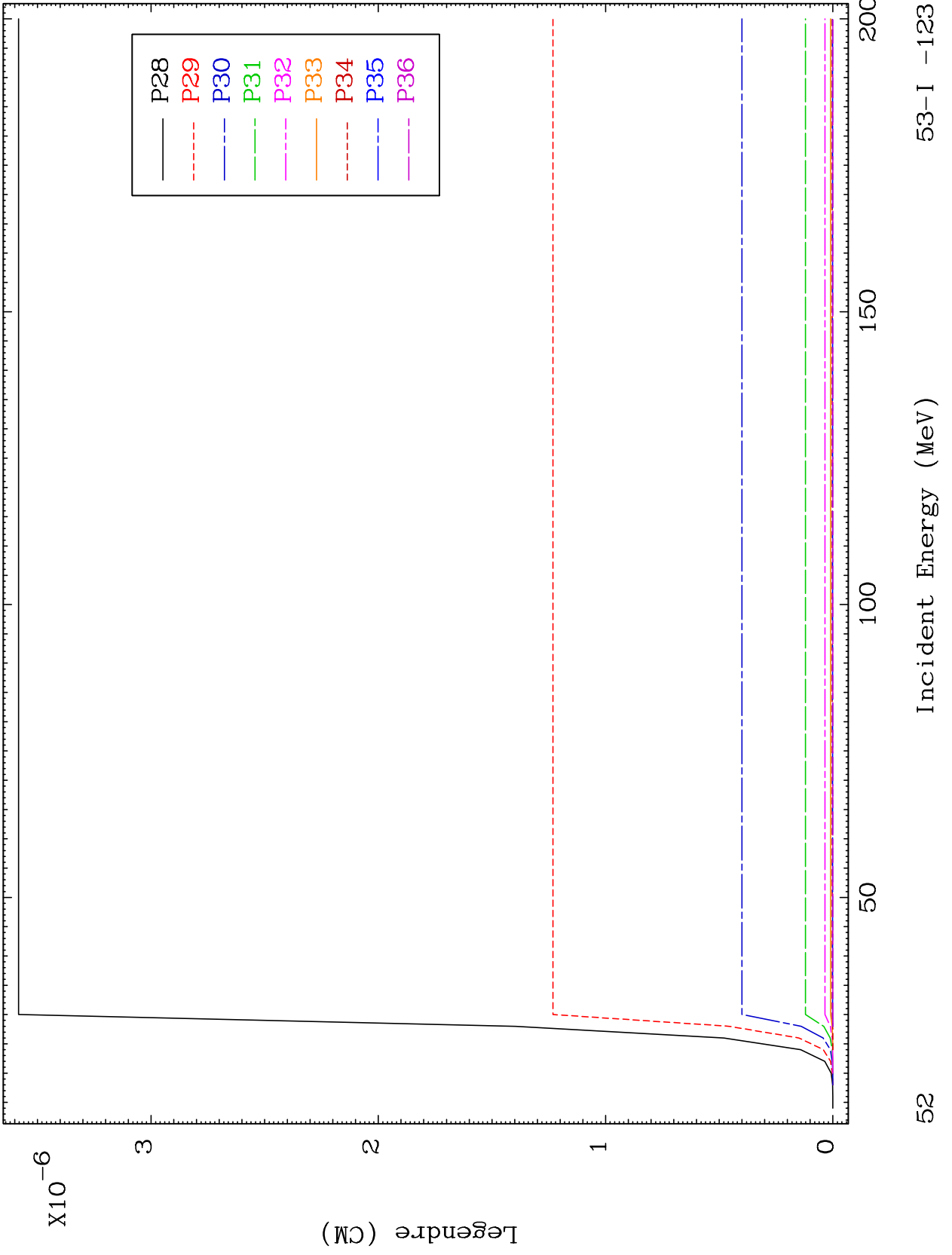


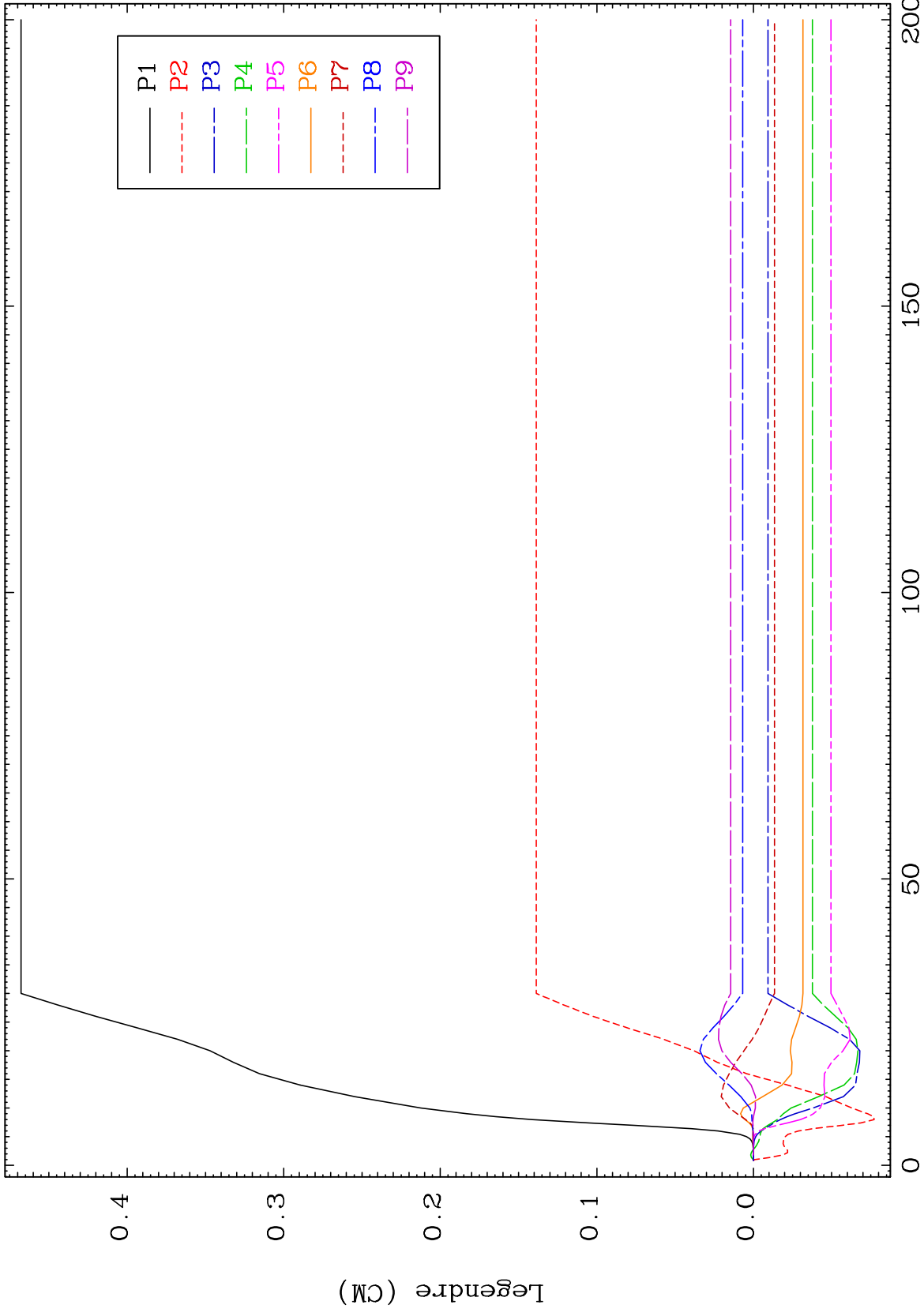
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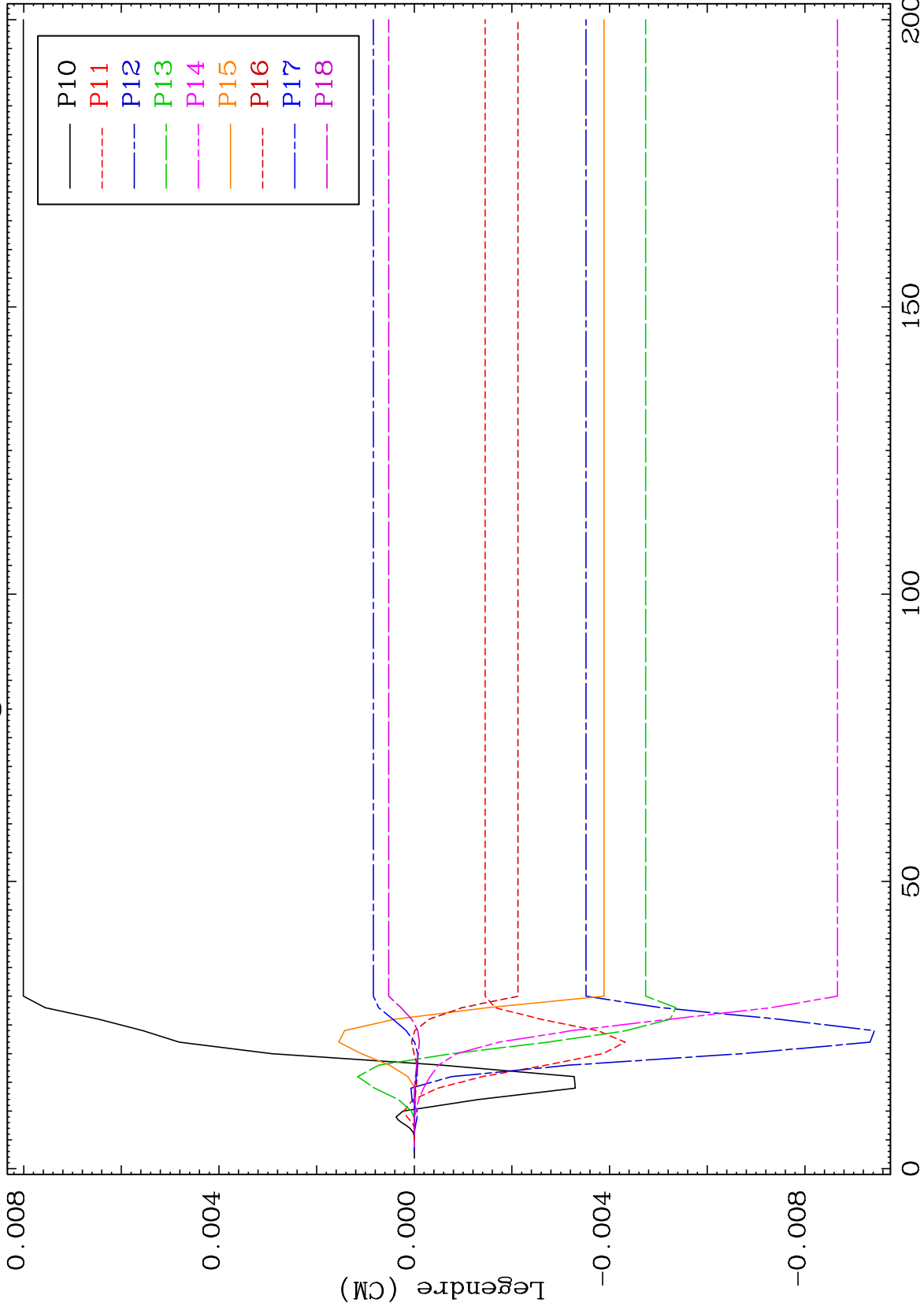
Incident Energy (MeV)

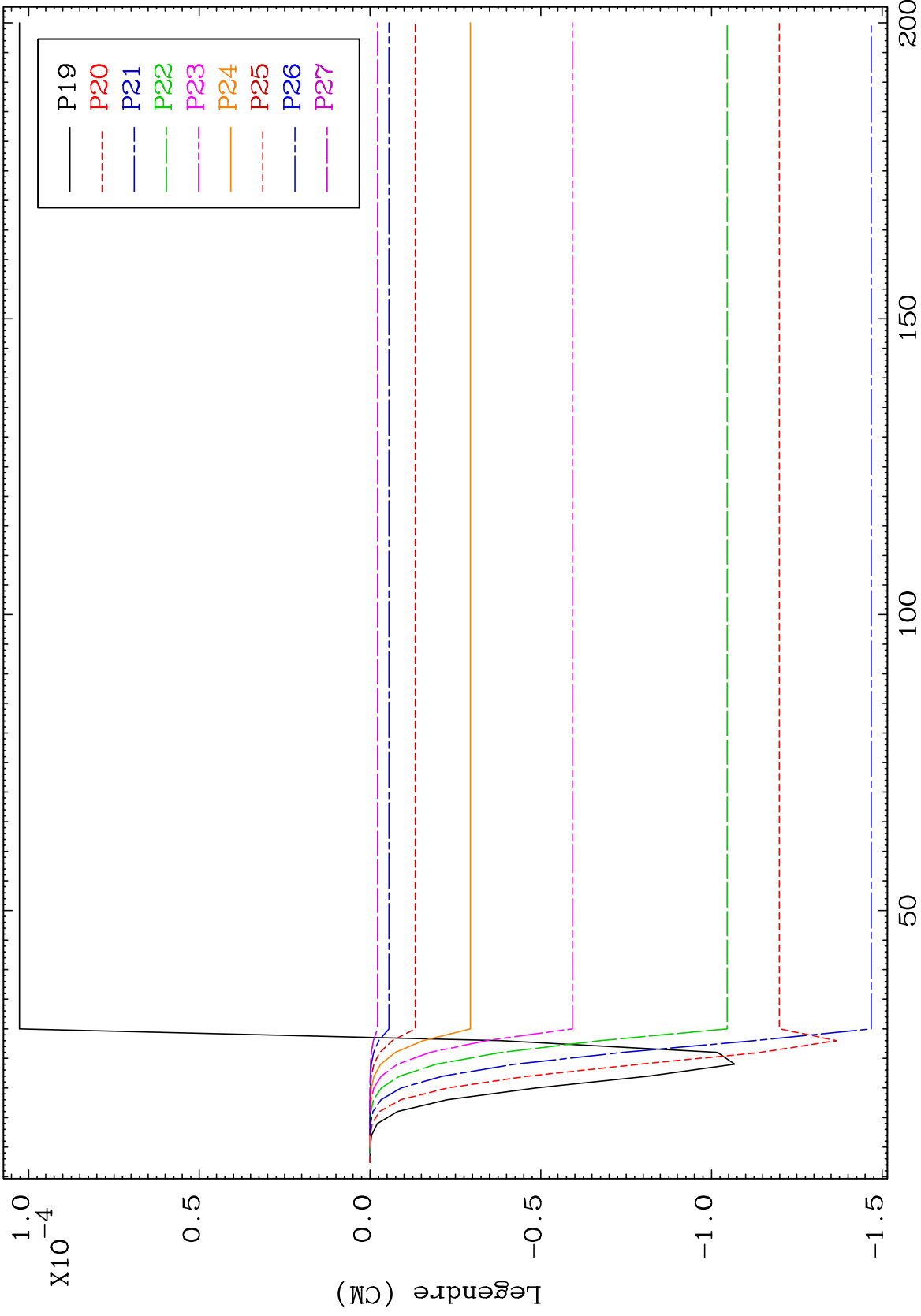
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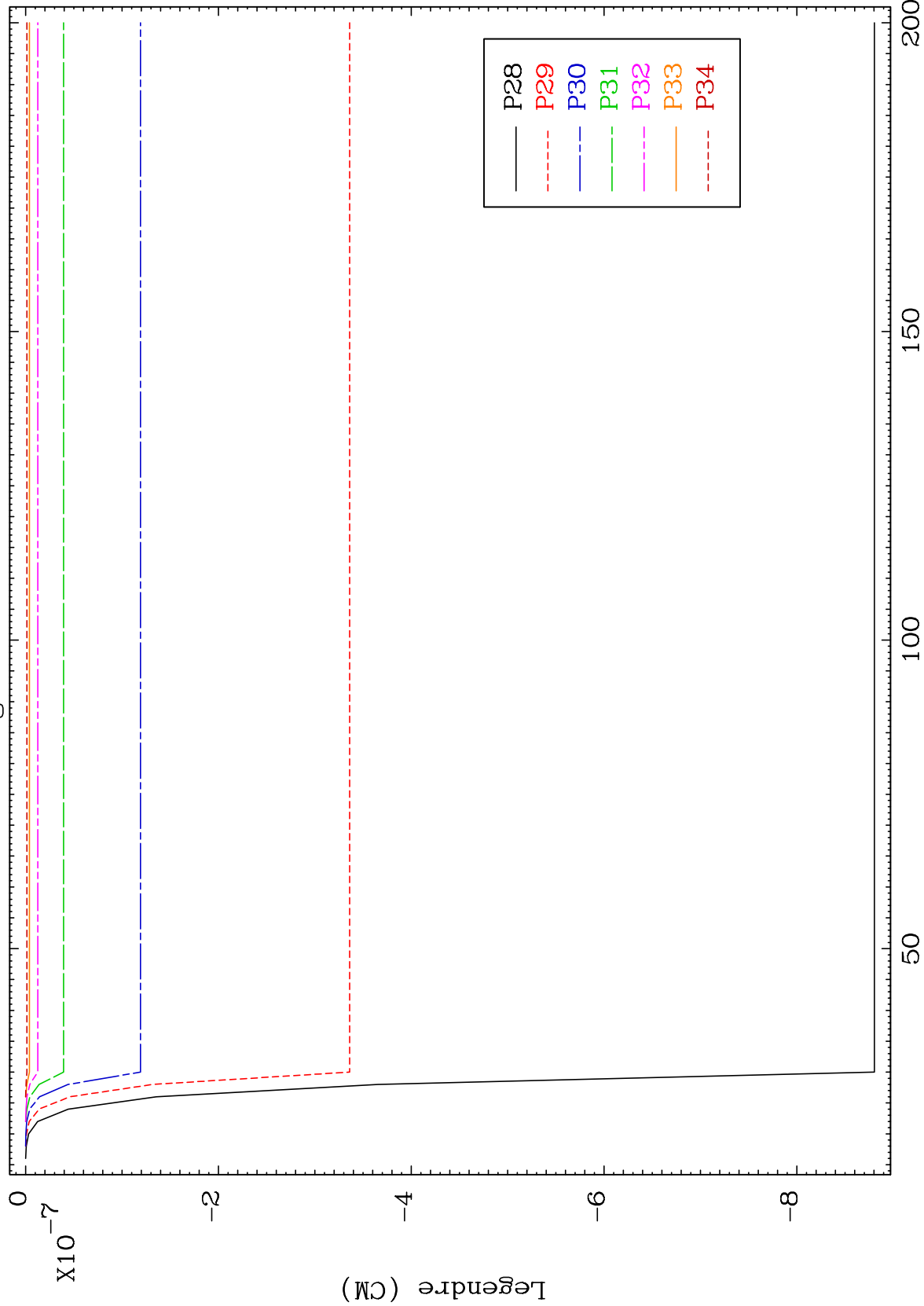


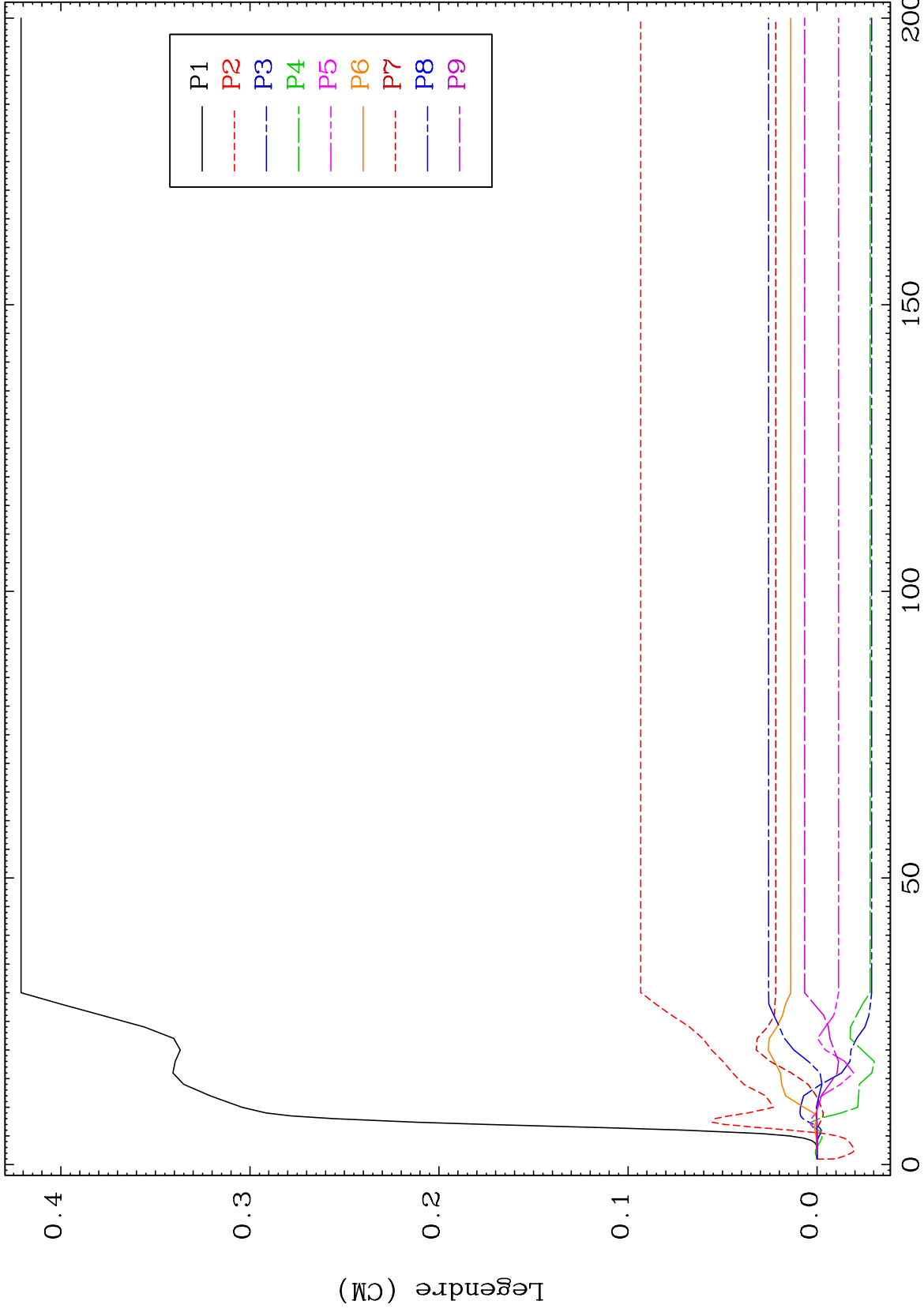


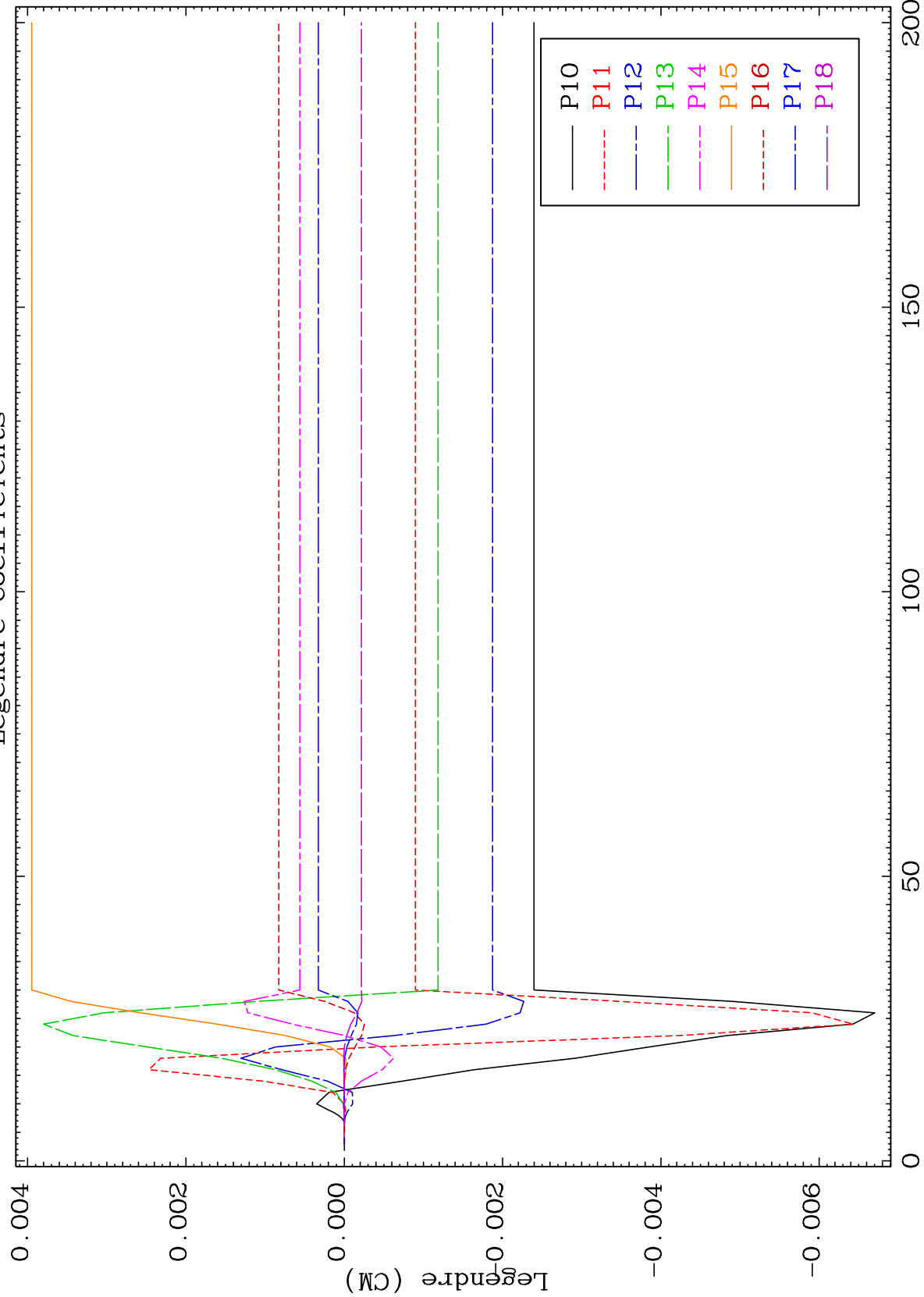


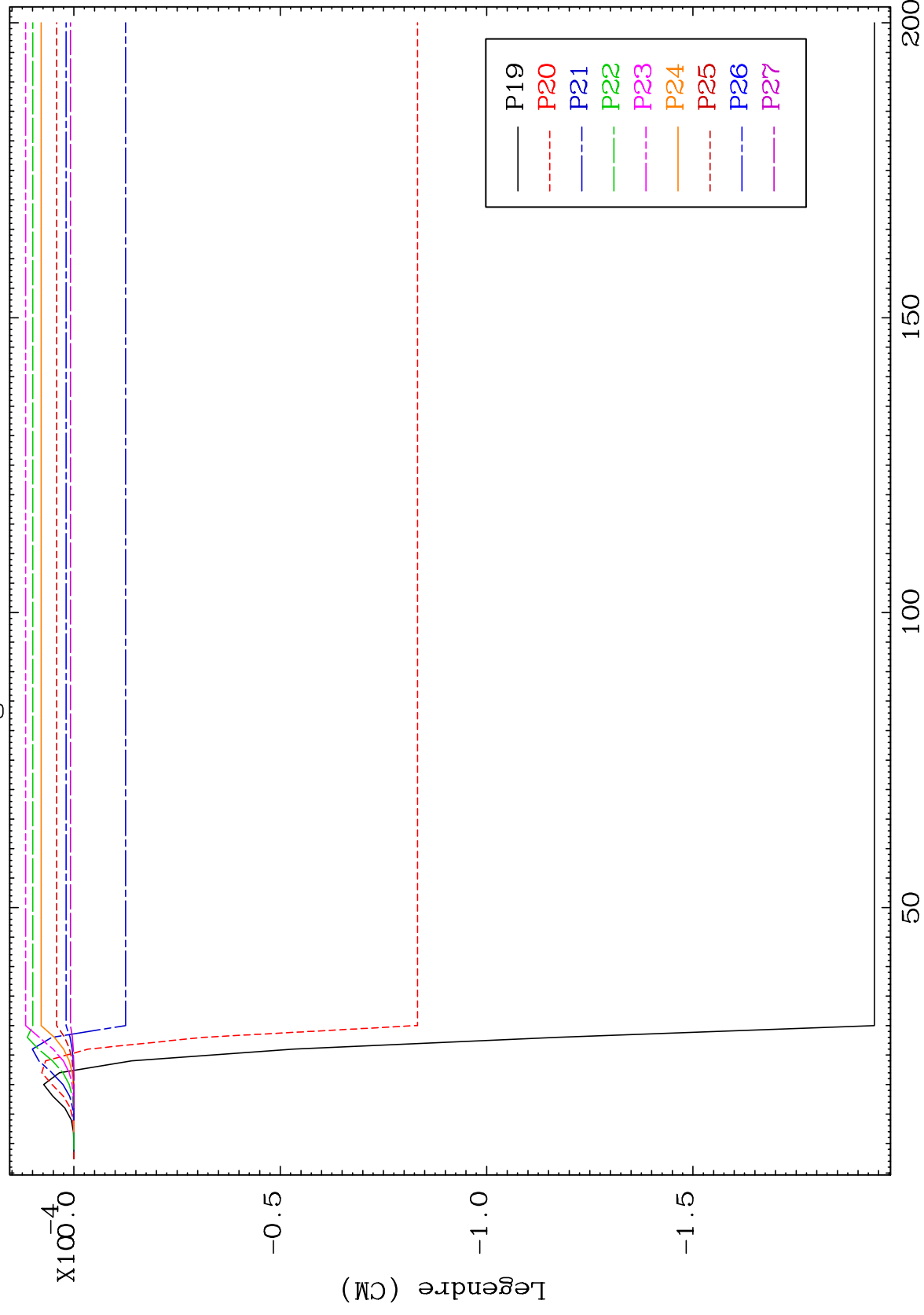








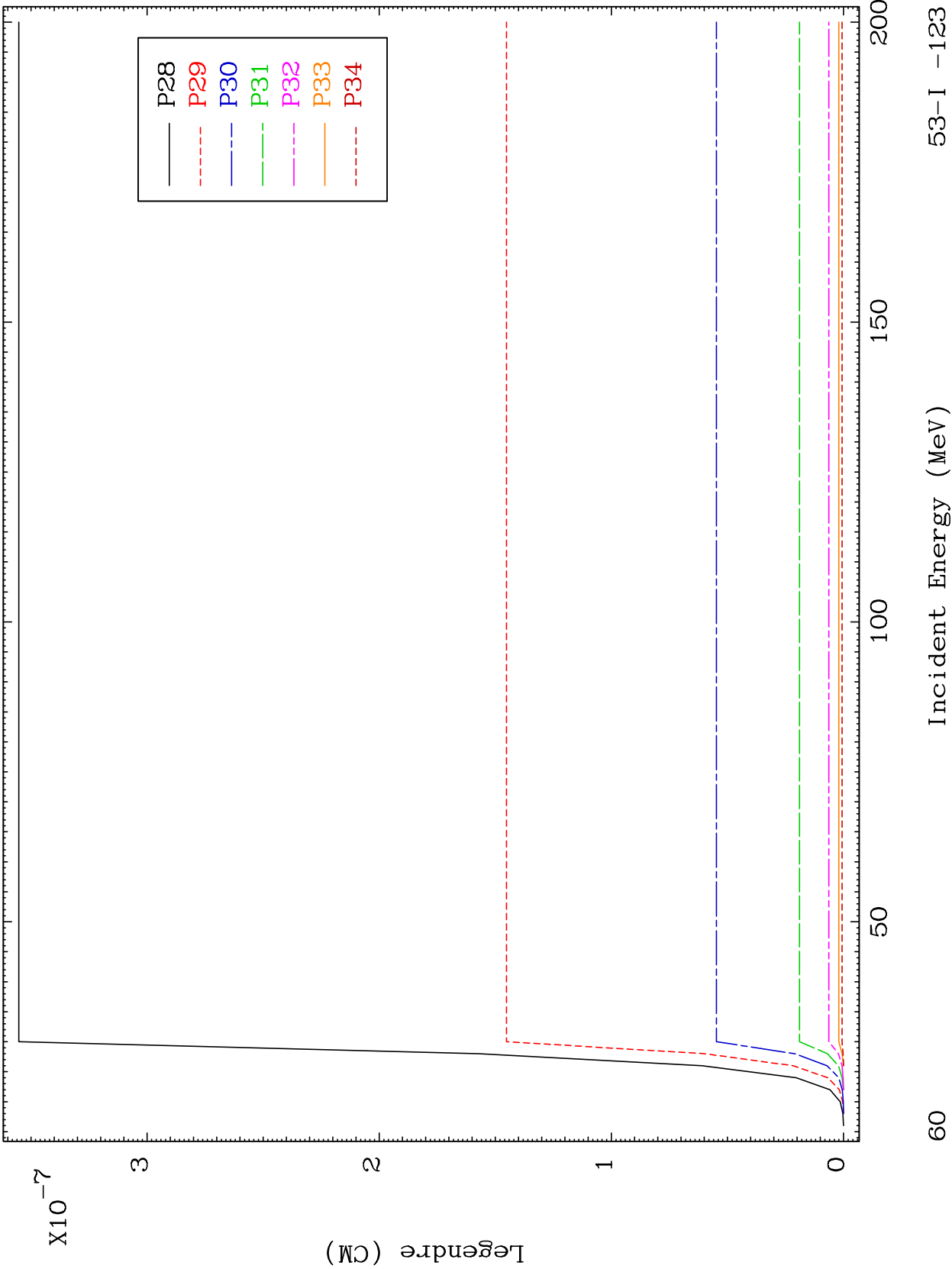




MAT 5313

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

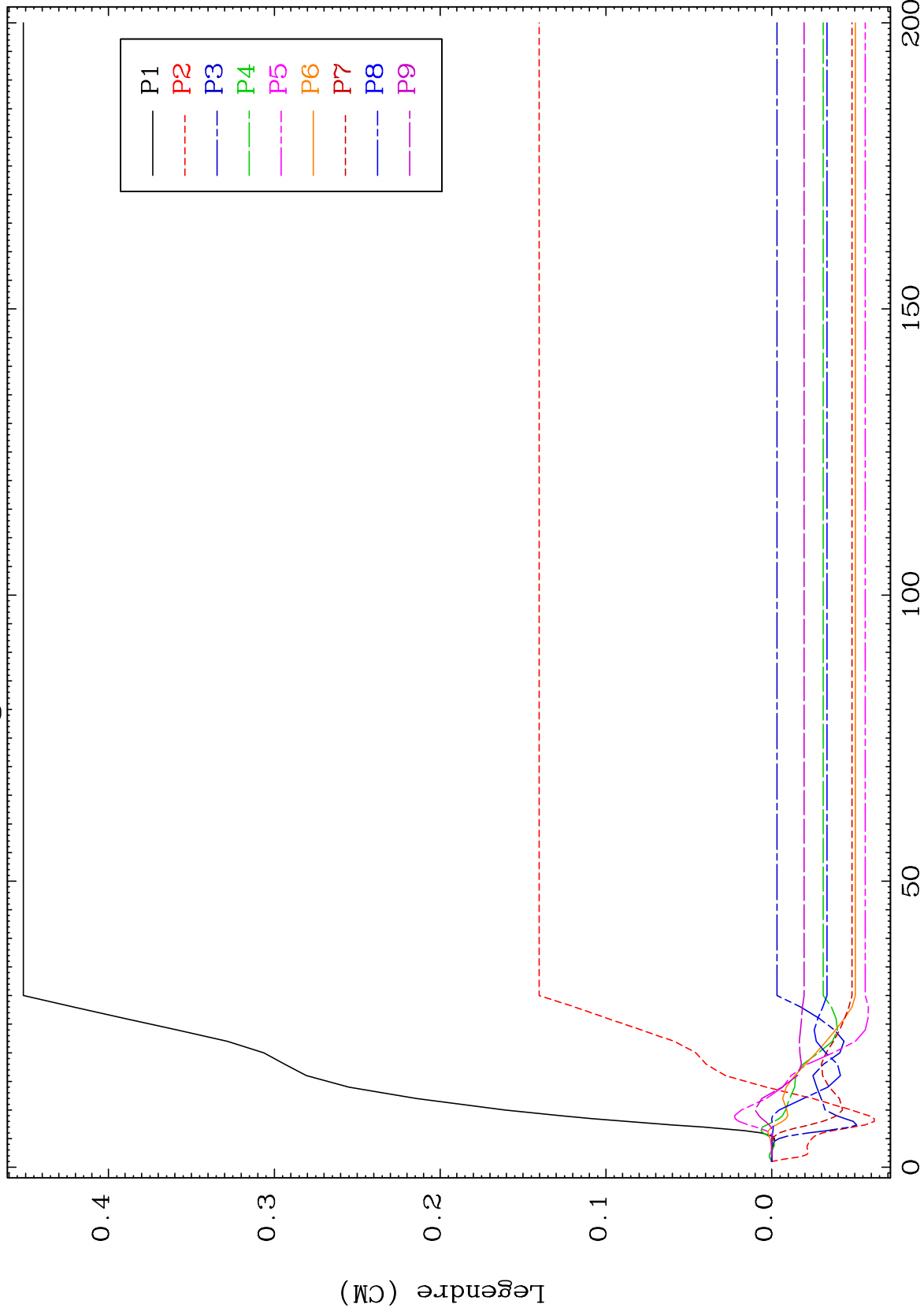
53-I -123



60

Incident Energy (MeV)

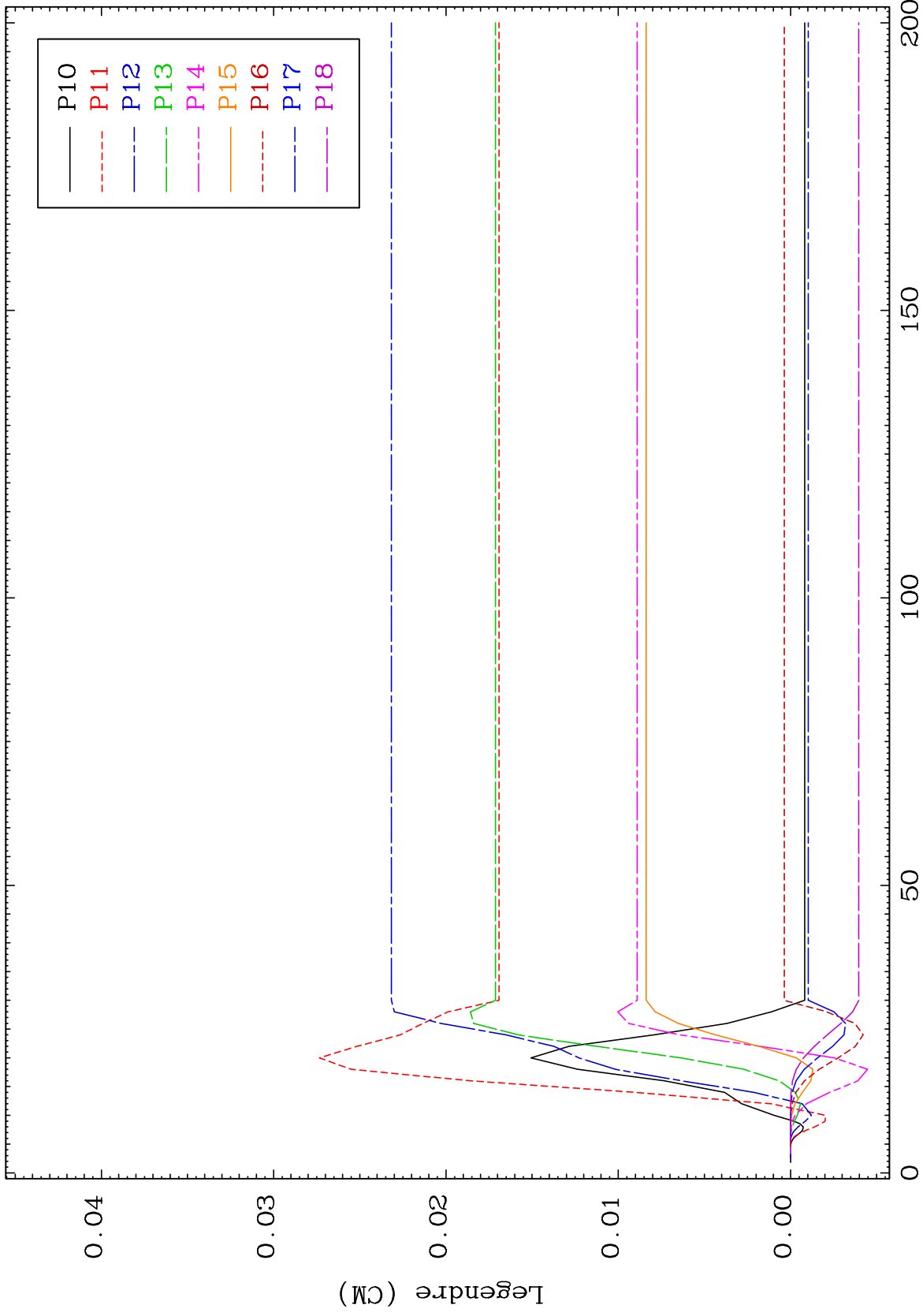
53-I -123



MAT 5313

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

53-I -123



62

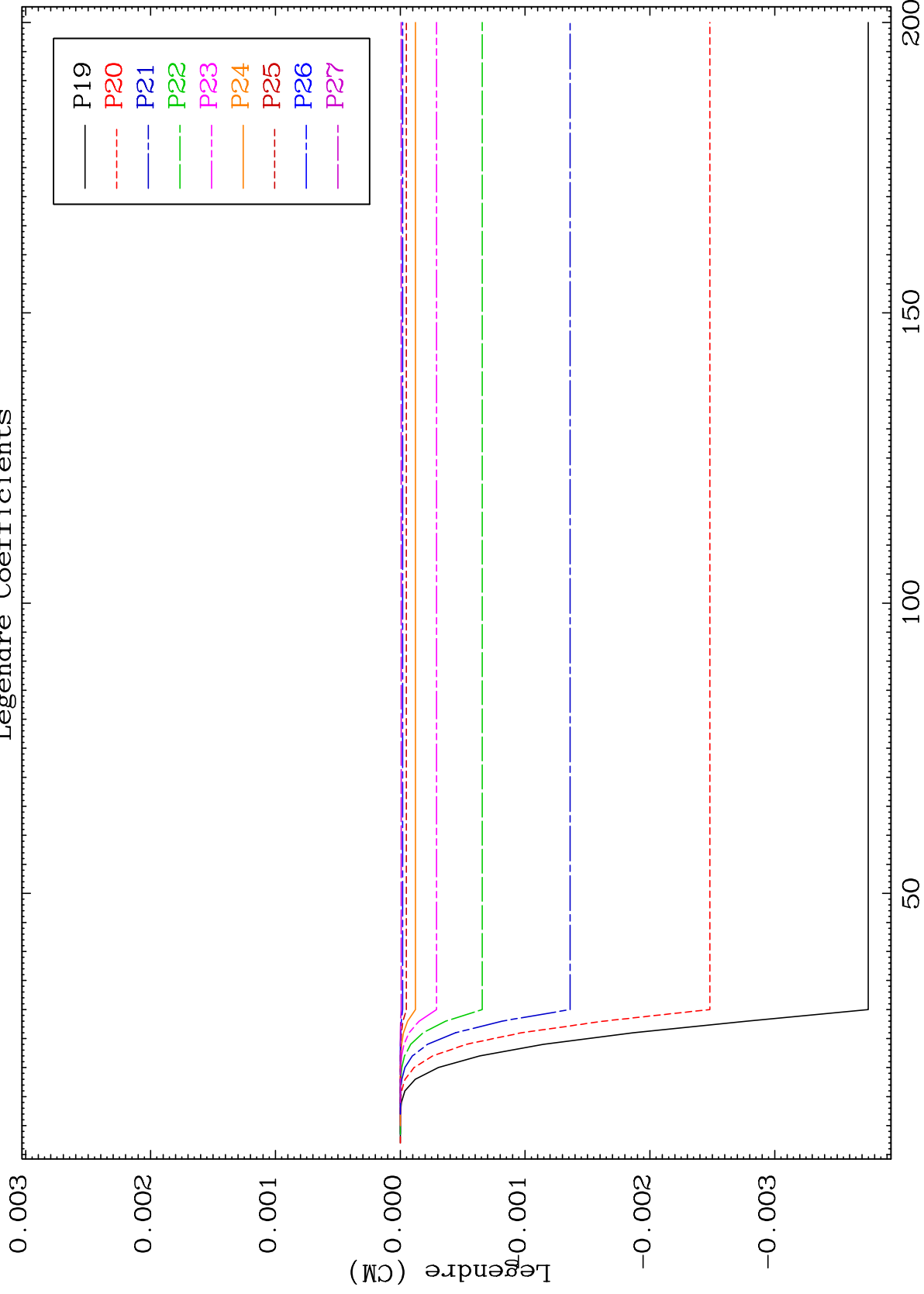
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



63

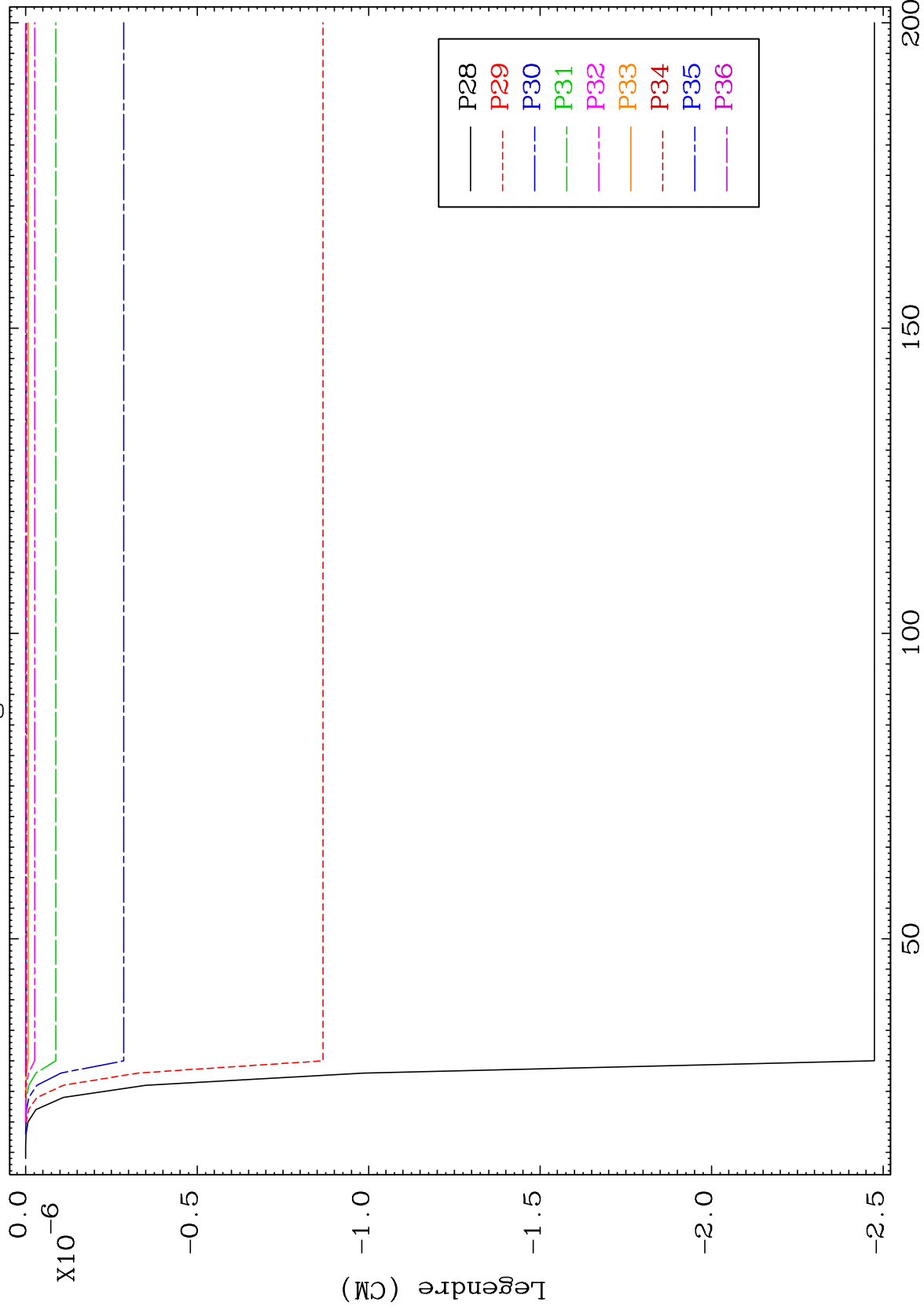
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



64

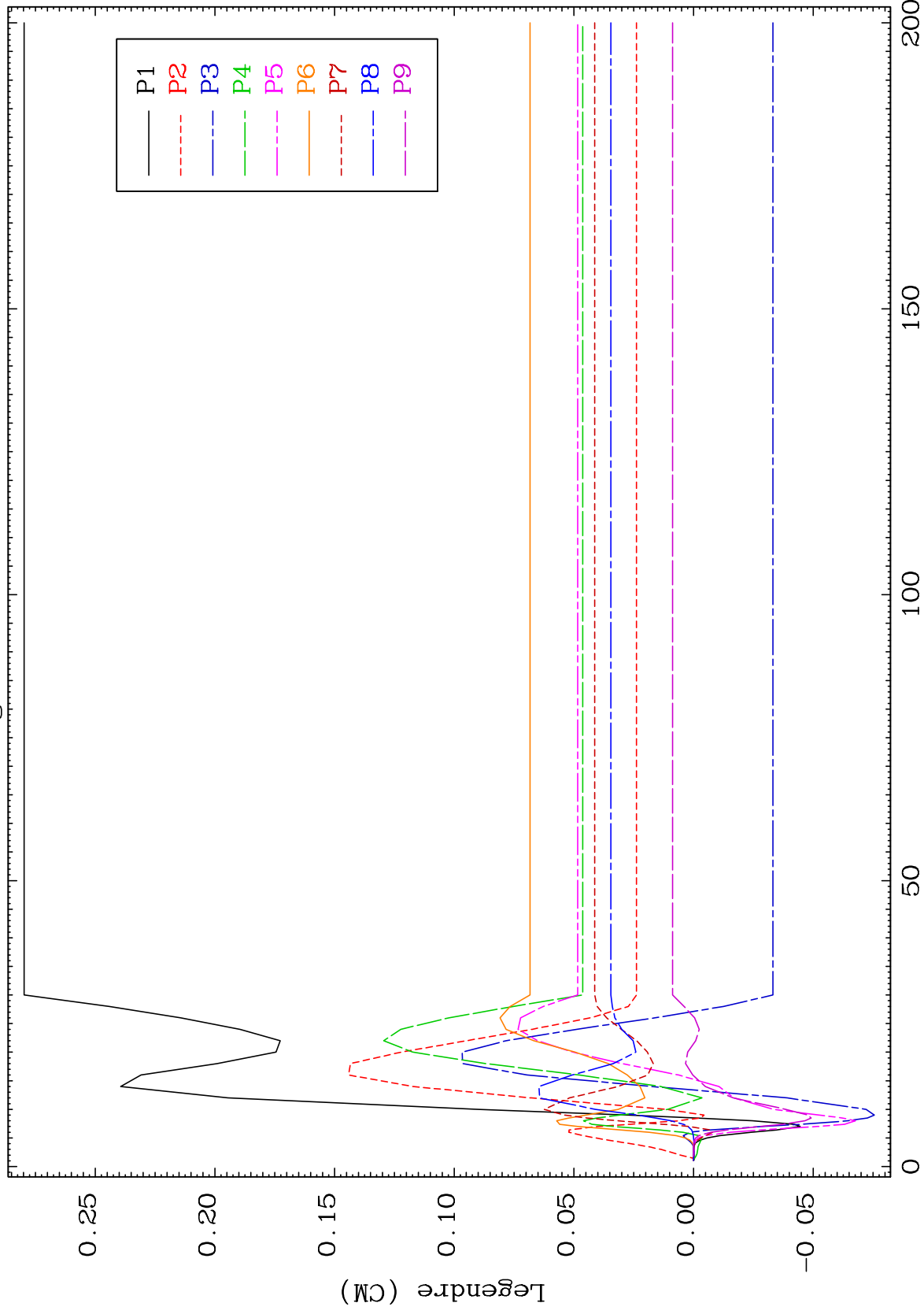
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



65

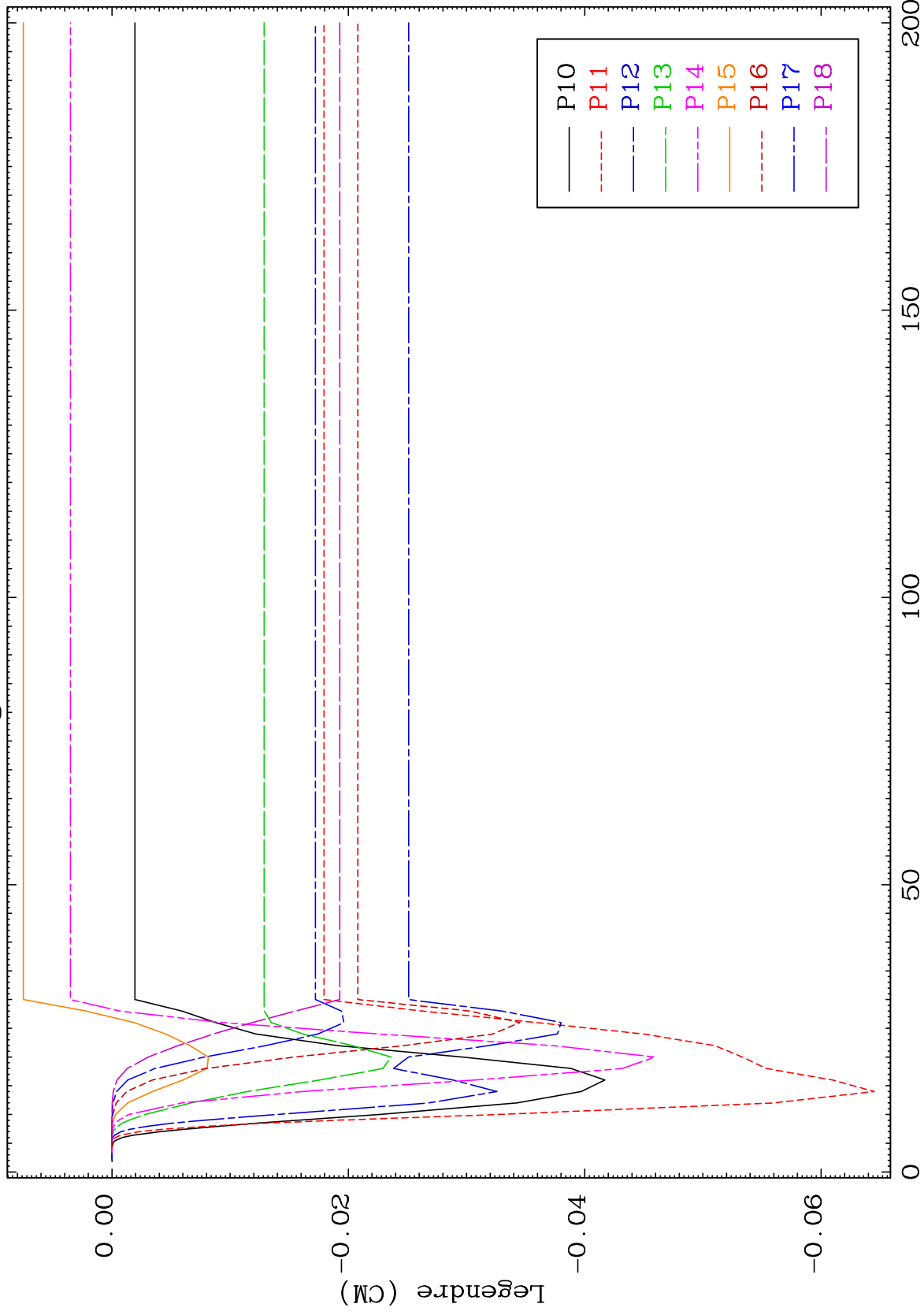
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



66

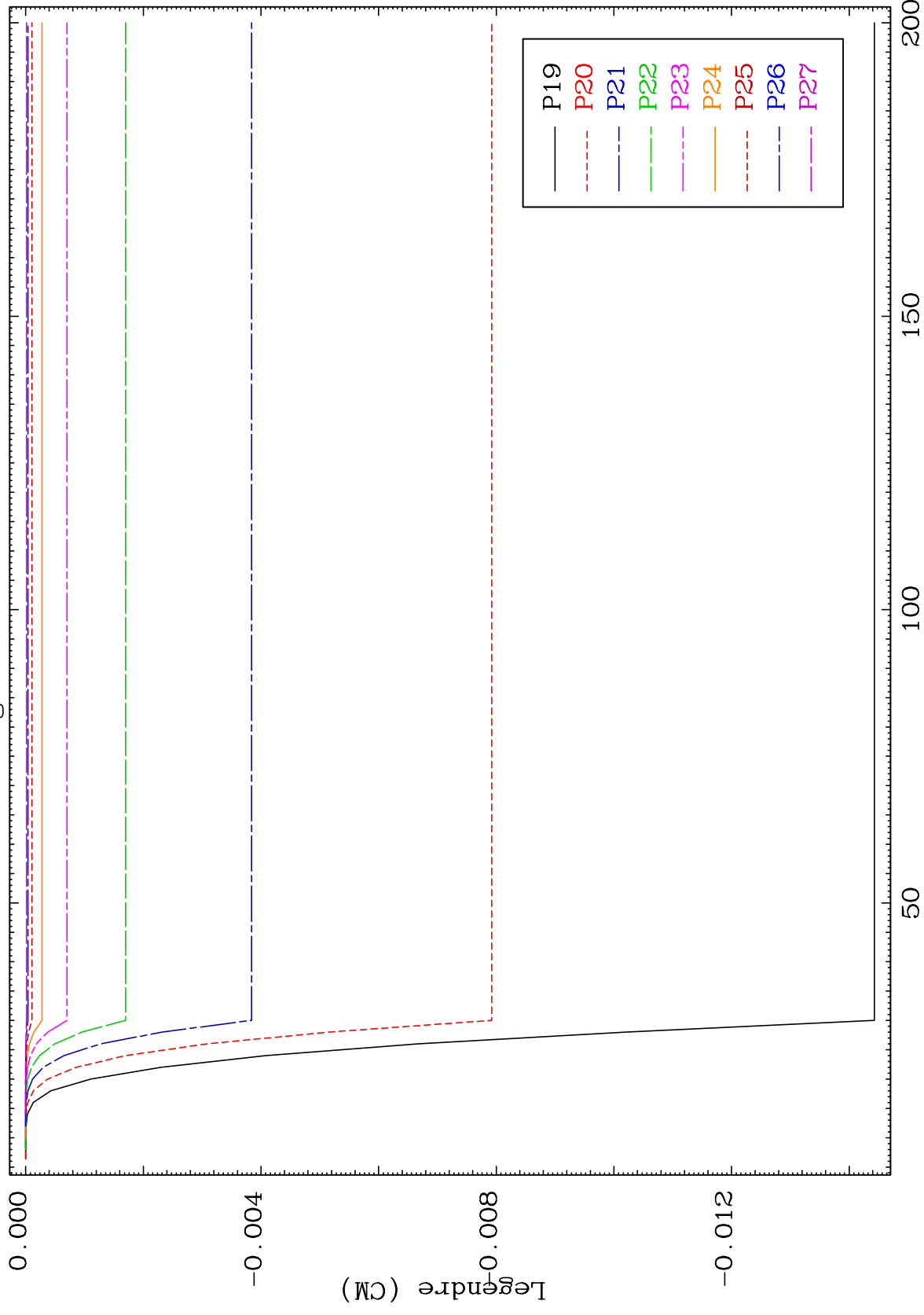
Incident Energy (MeV)

53-I -123

MAT 5313

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

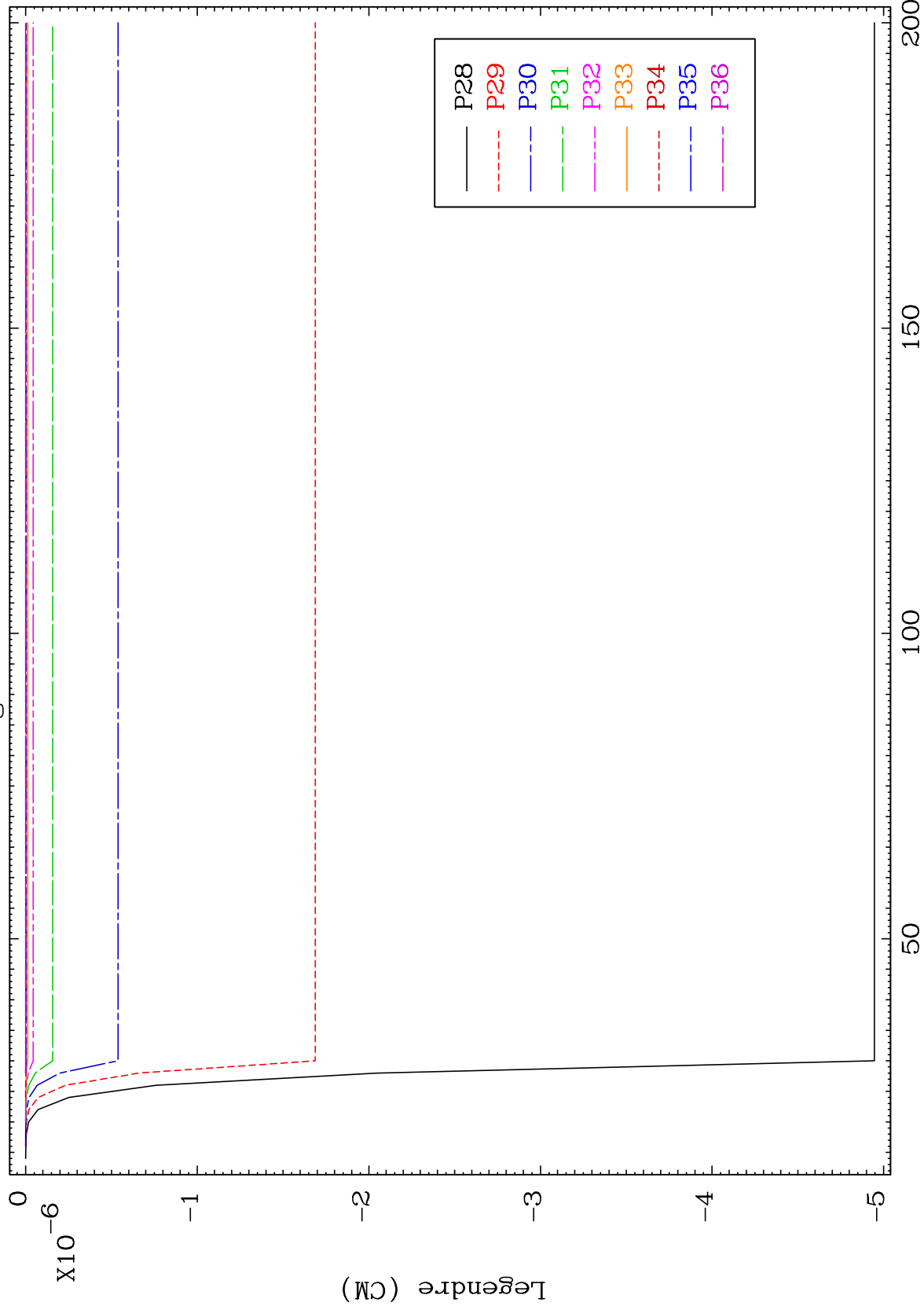
53-I -123



MAT 5313

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

53-I -123



68

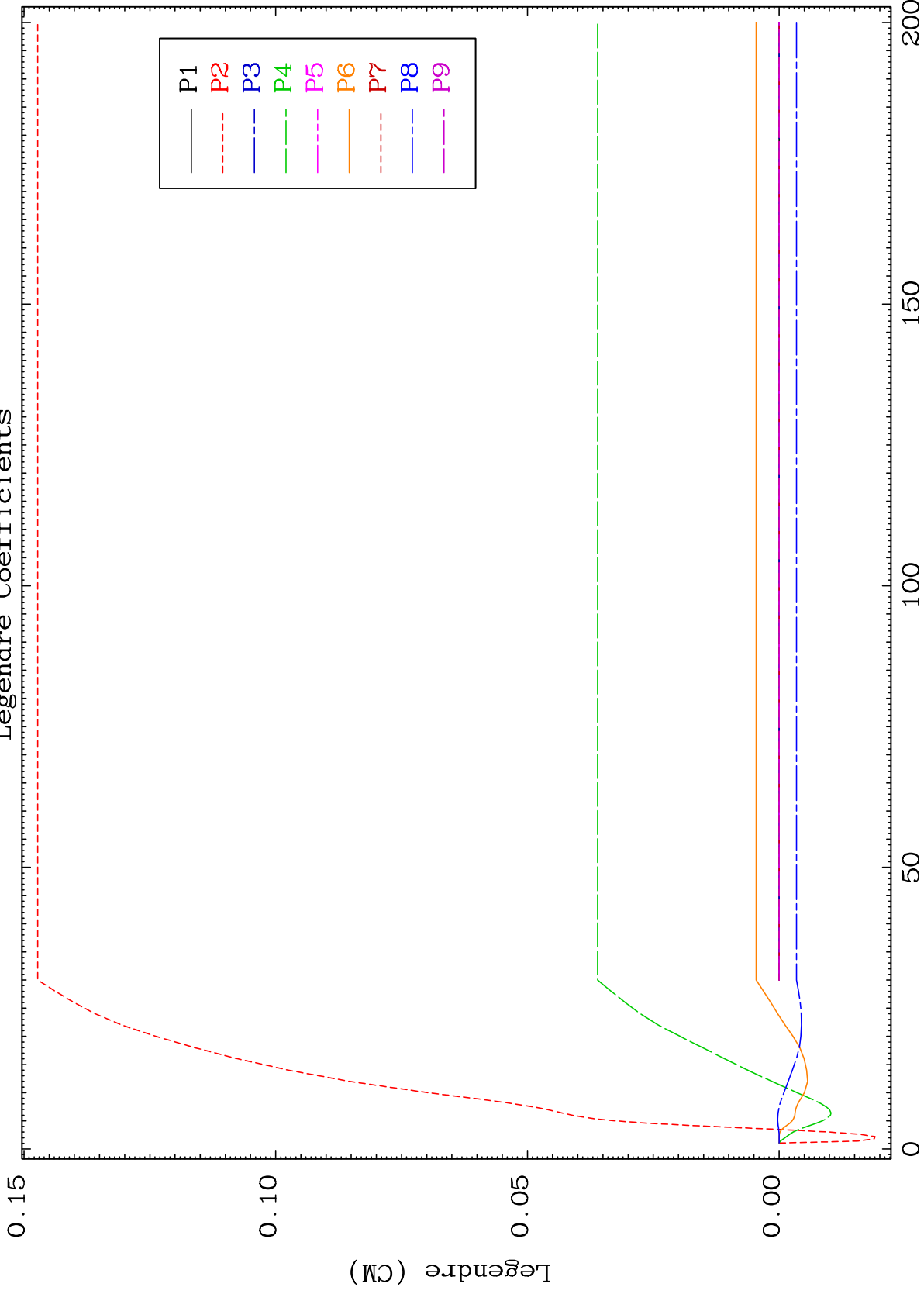
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



69

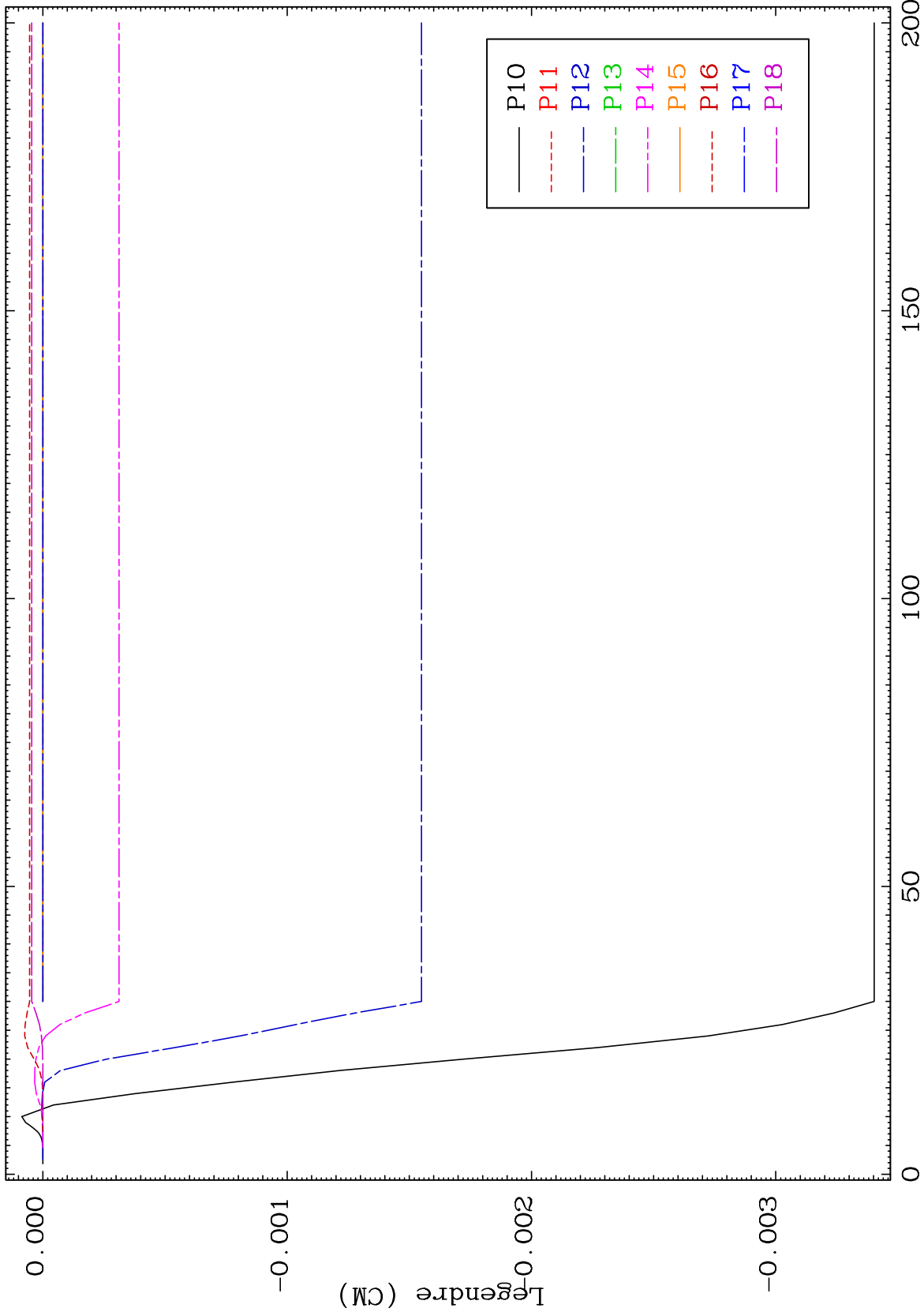
Incident Energy (MeV)

53-I -123

MAT 5313

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

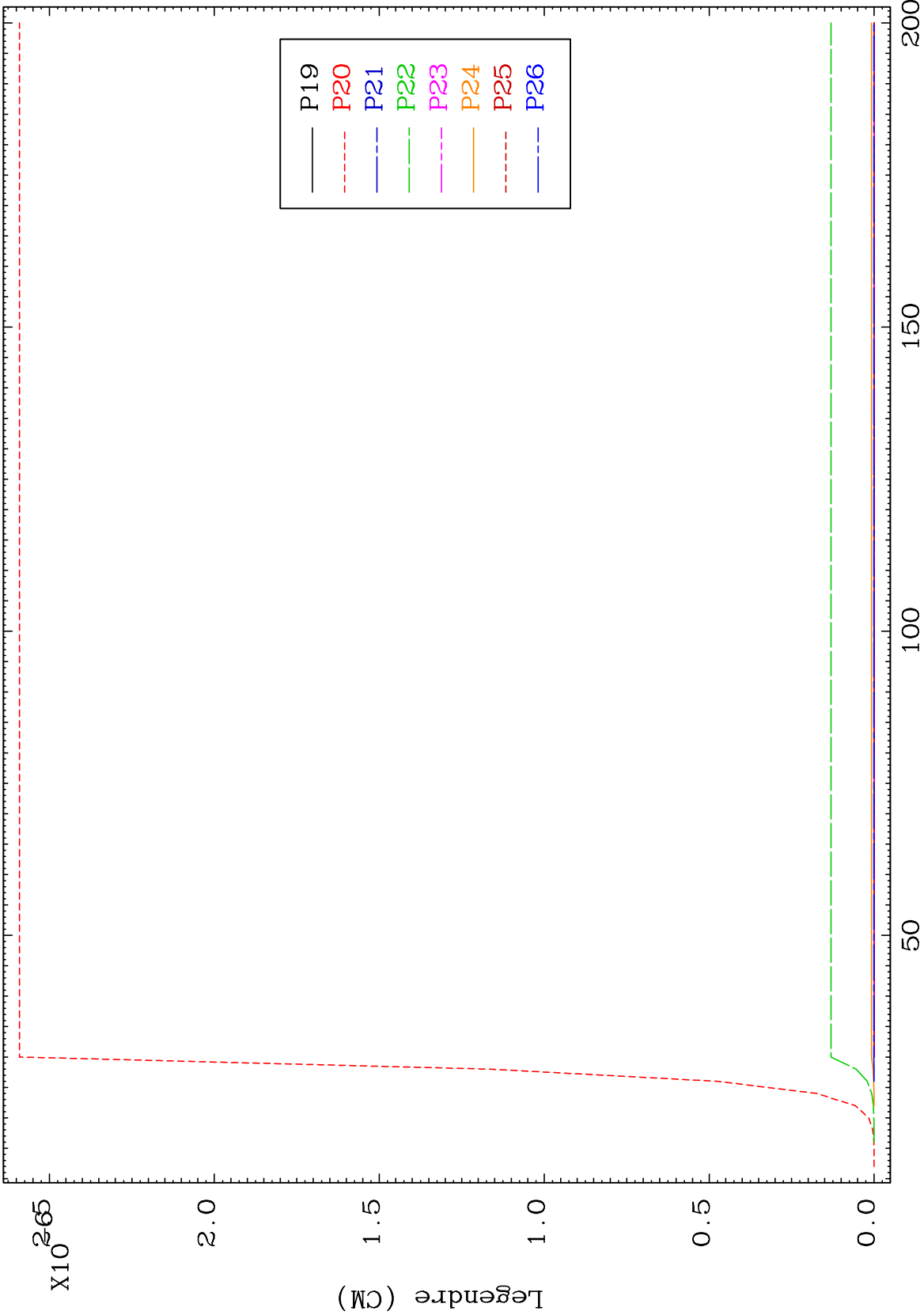
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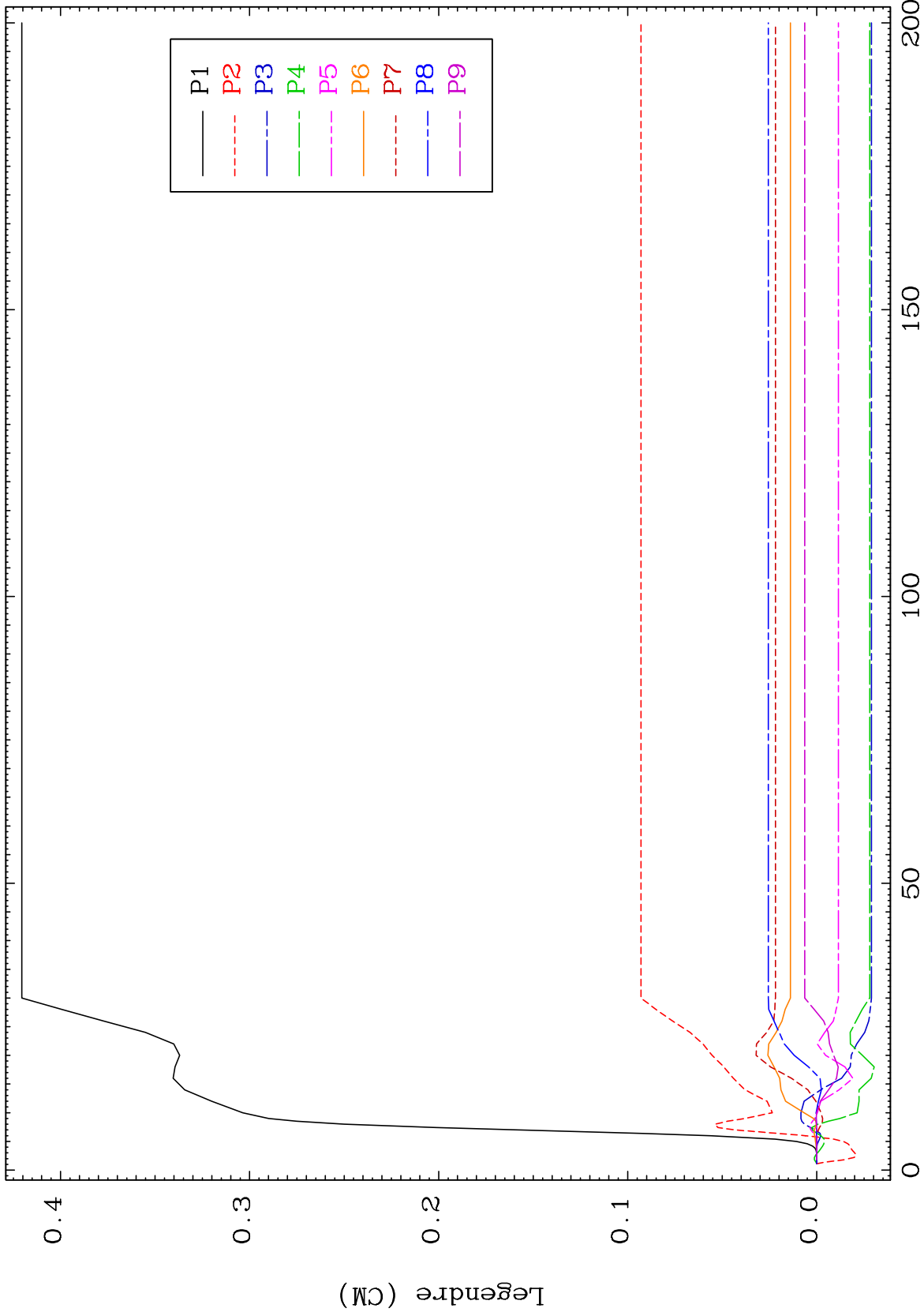


70

Incident Energy (MeV)

53-I -123

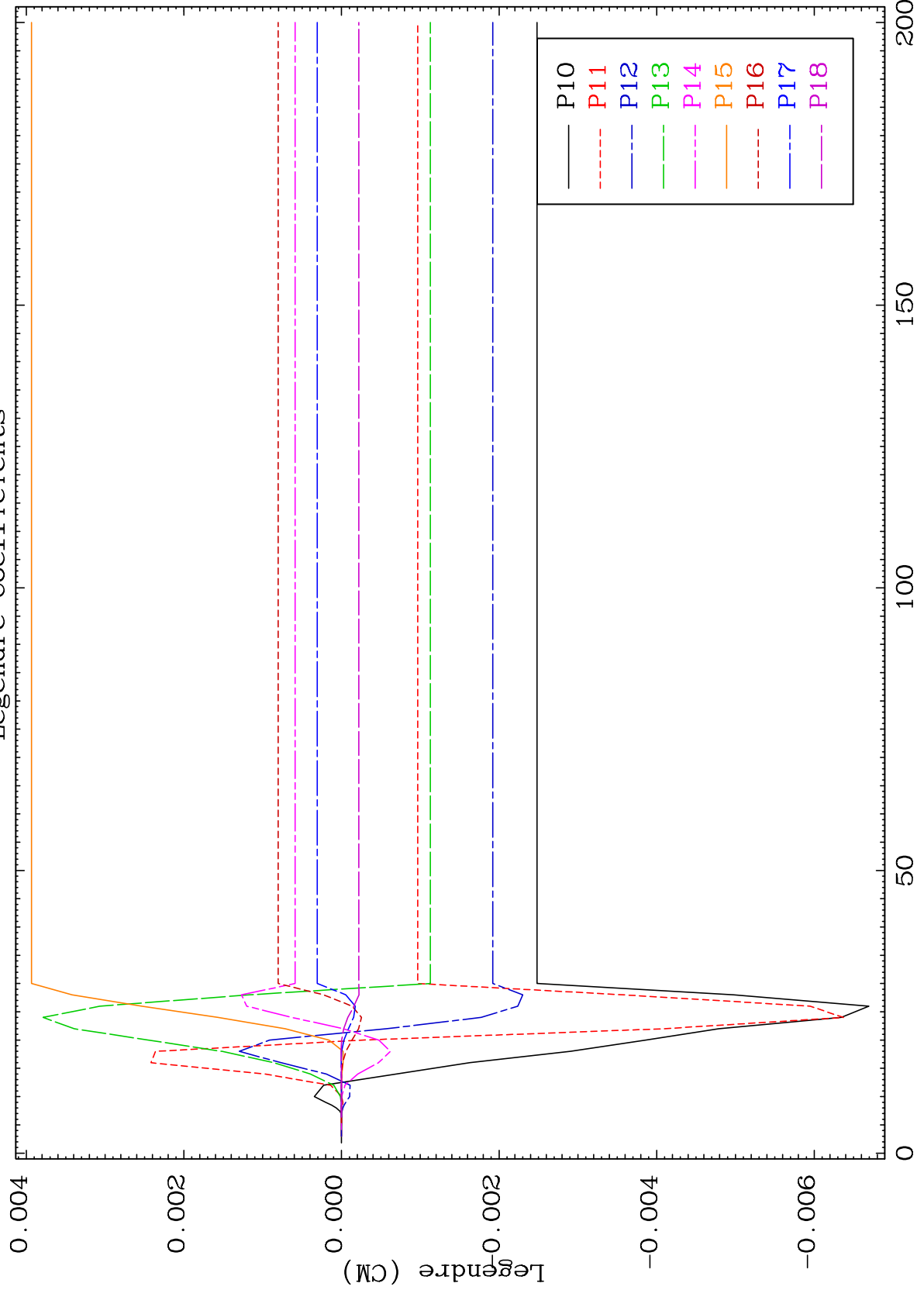




MAT 5313

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

53-I -123



73

Incident Energy (MeV)

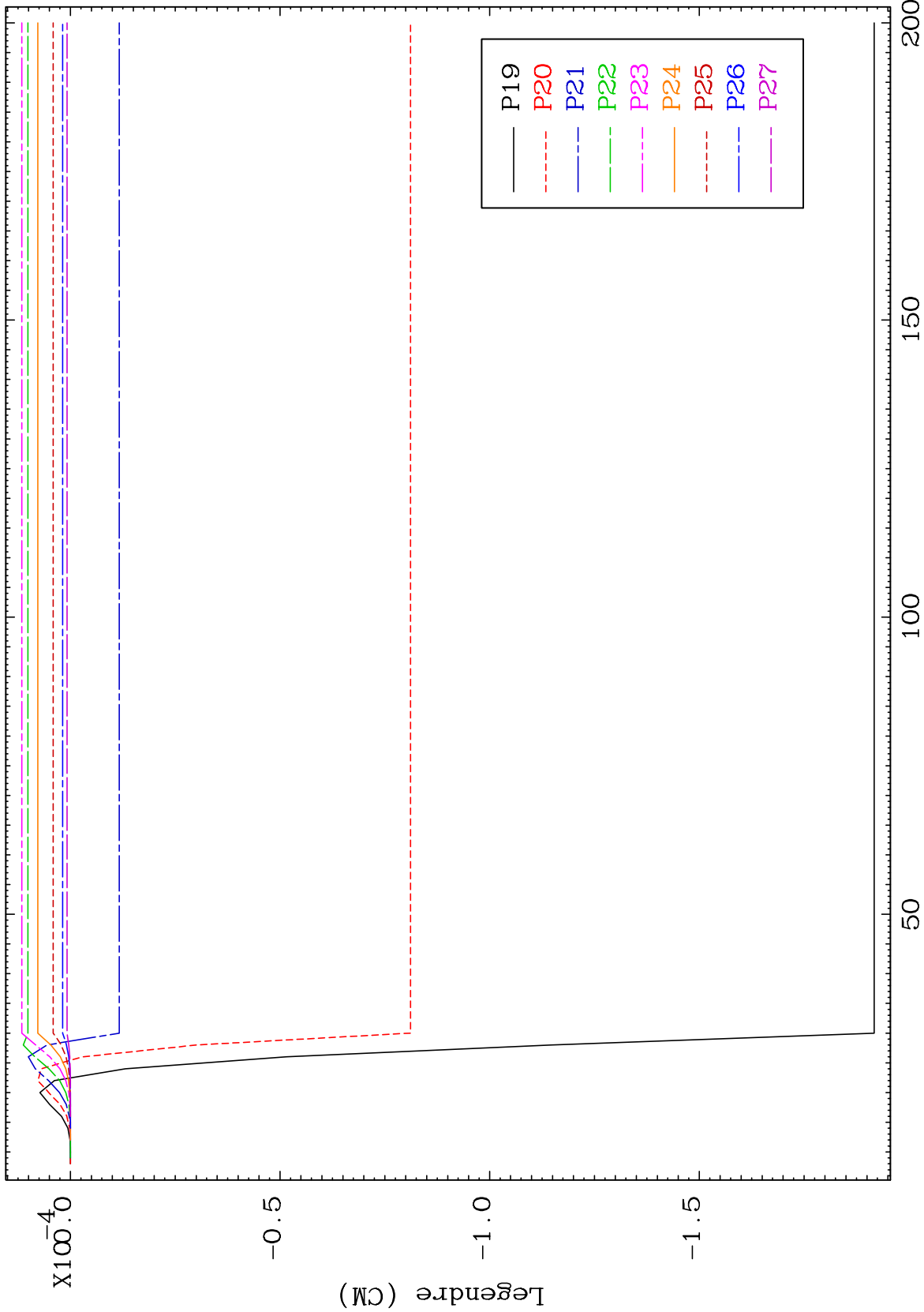
53-I -123

MAT 5313

MT= 65 (n,n') Level

53-I -123

Legendre Coefficients



74

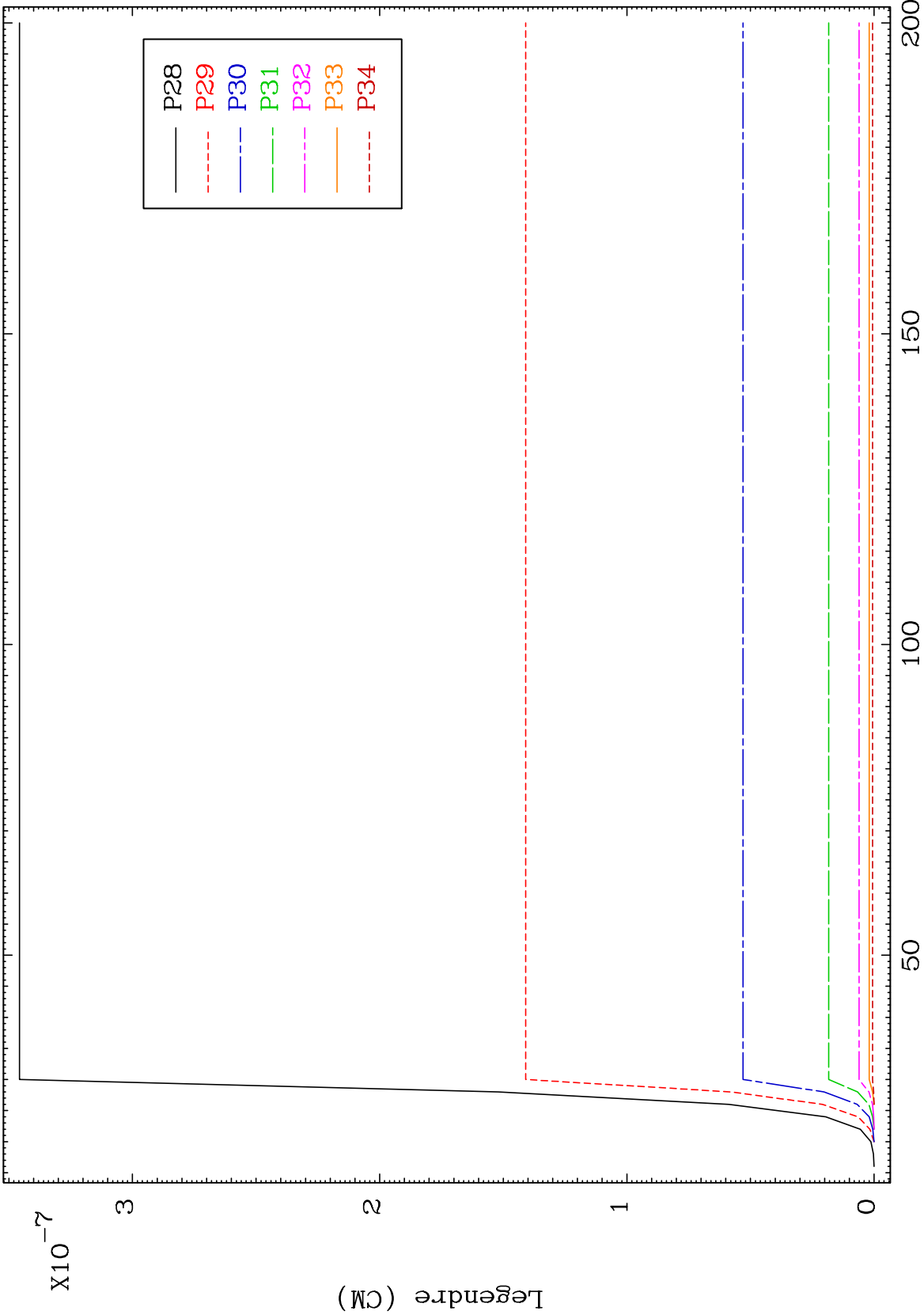
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



75

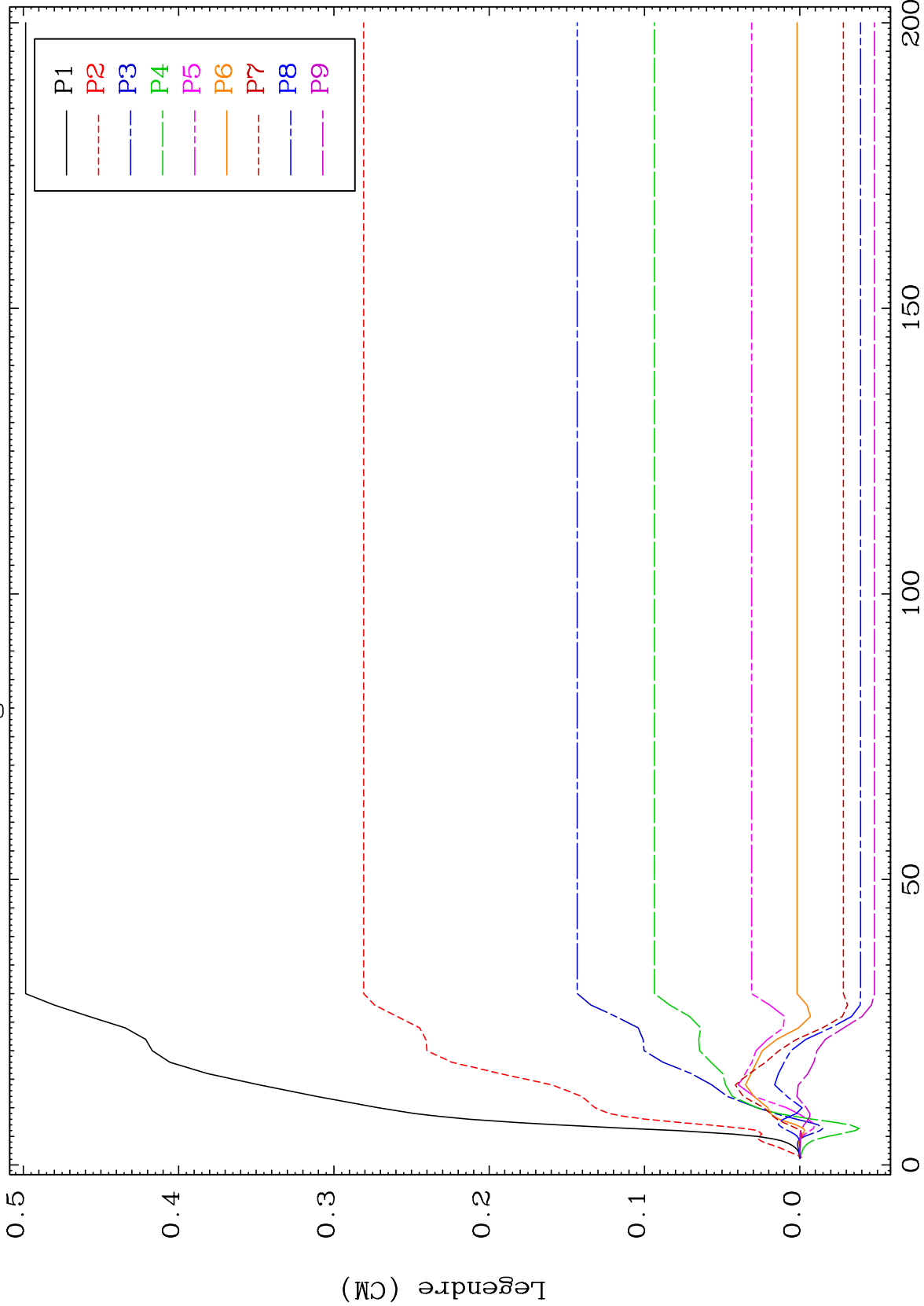
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



76

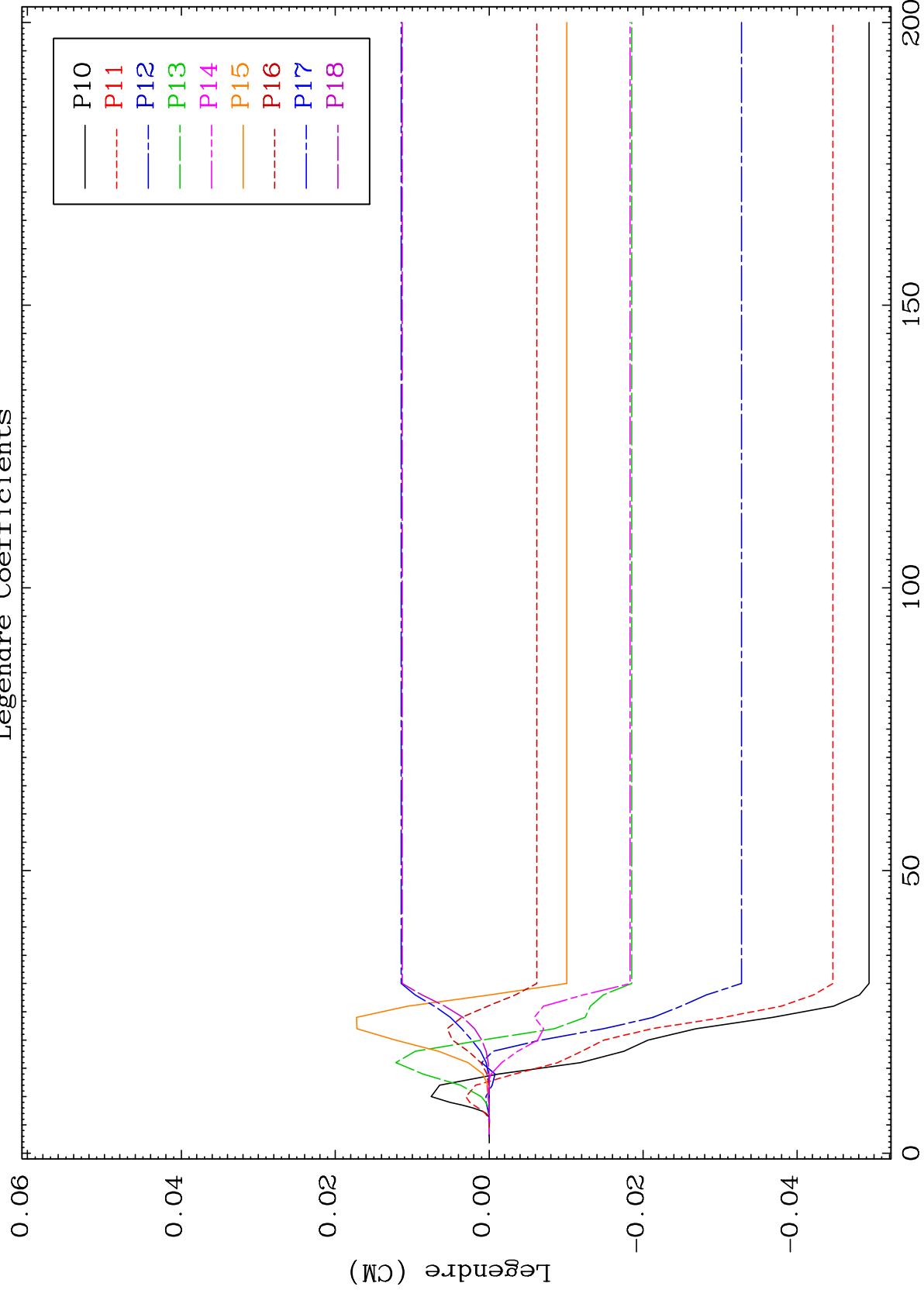
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



77

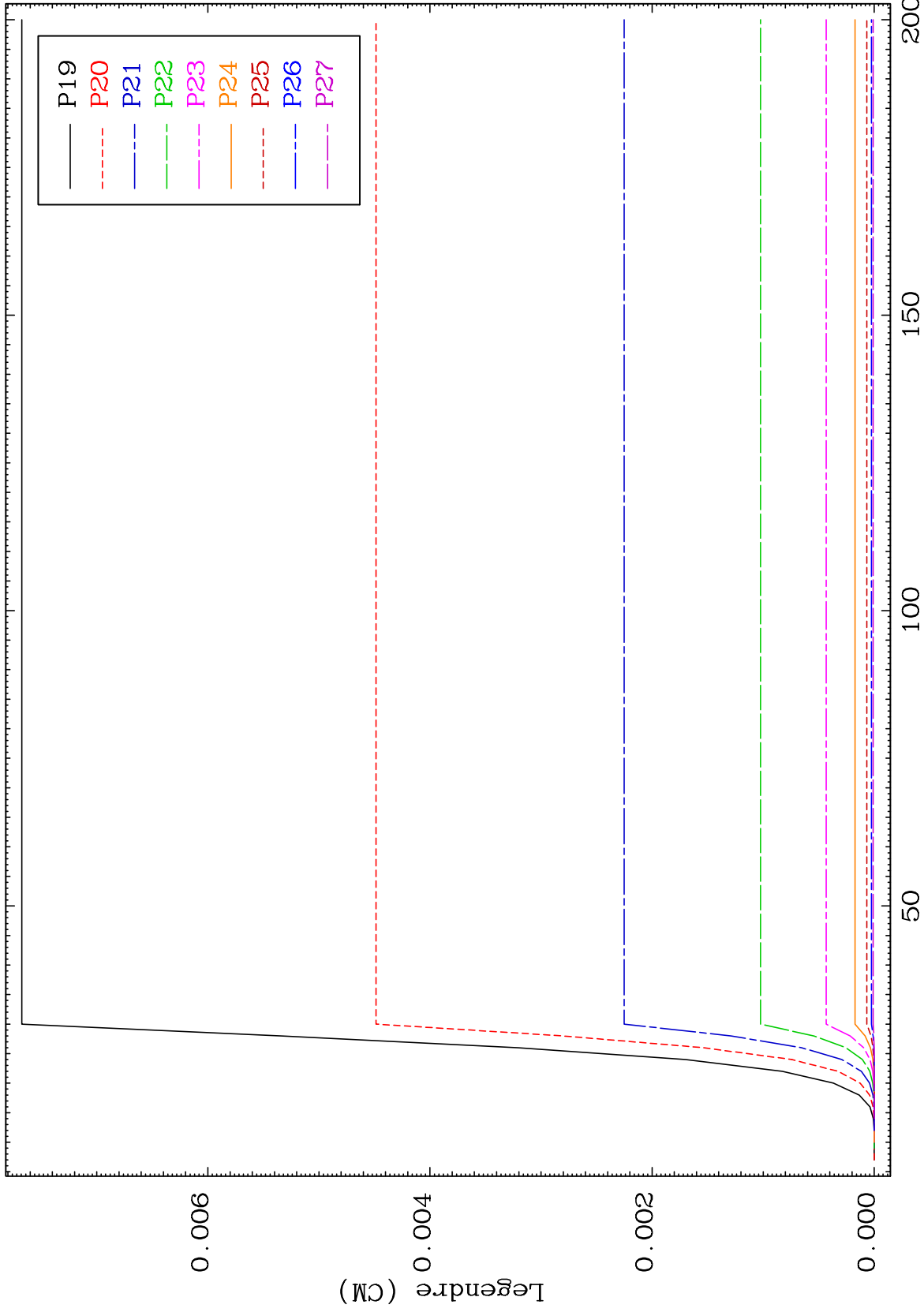
Incident Energy (MeV)

53-I -123

MAT 5313

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

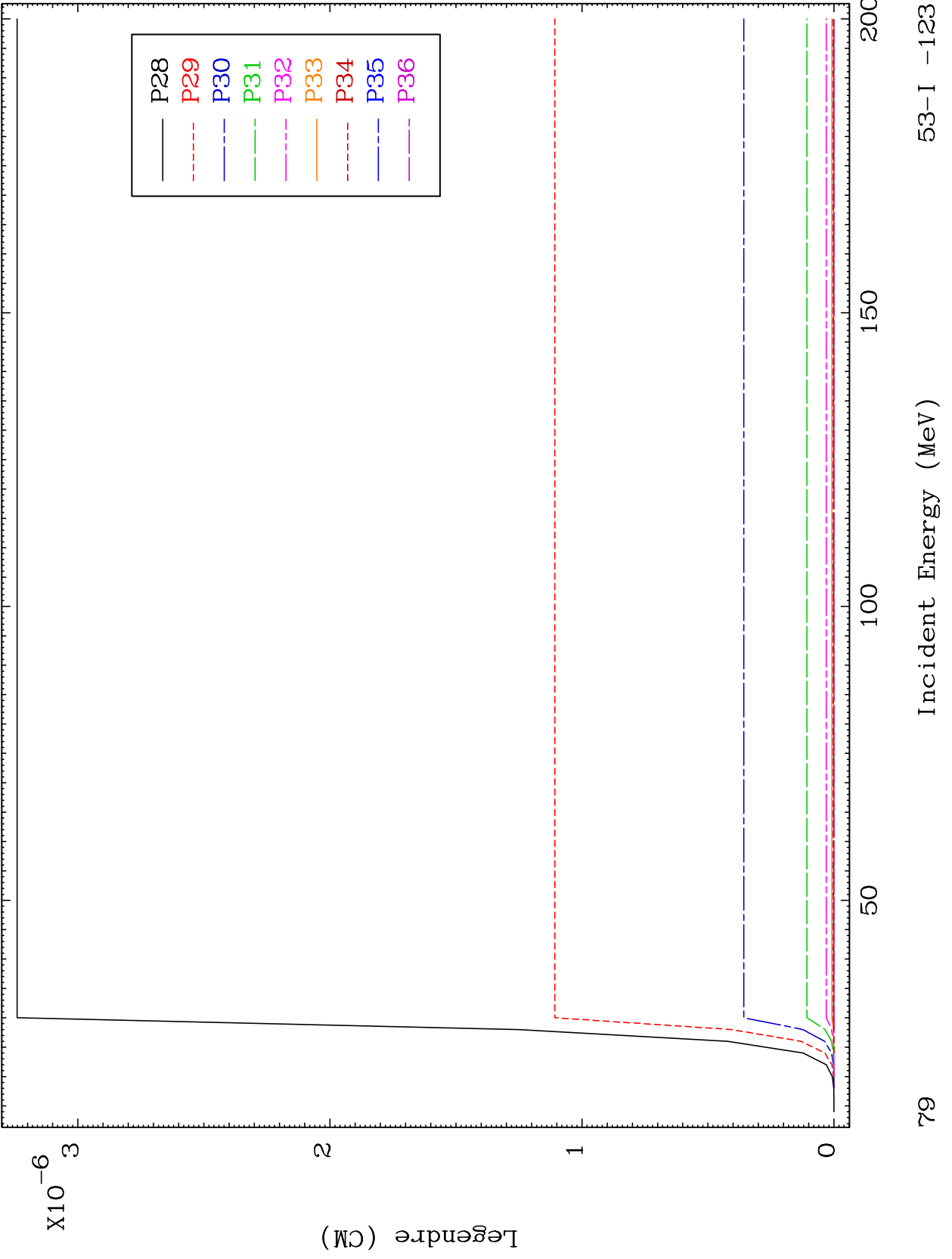
53-I -123

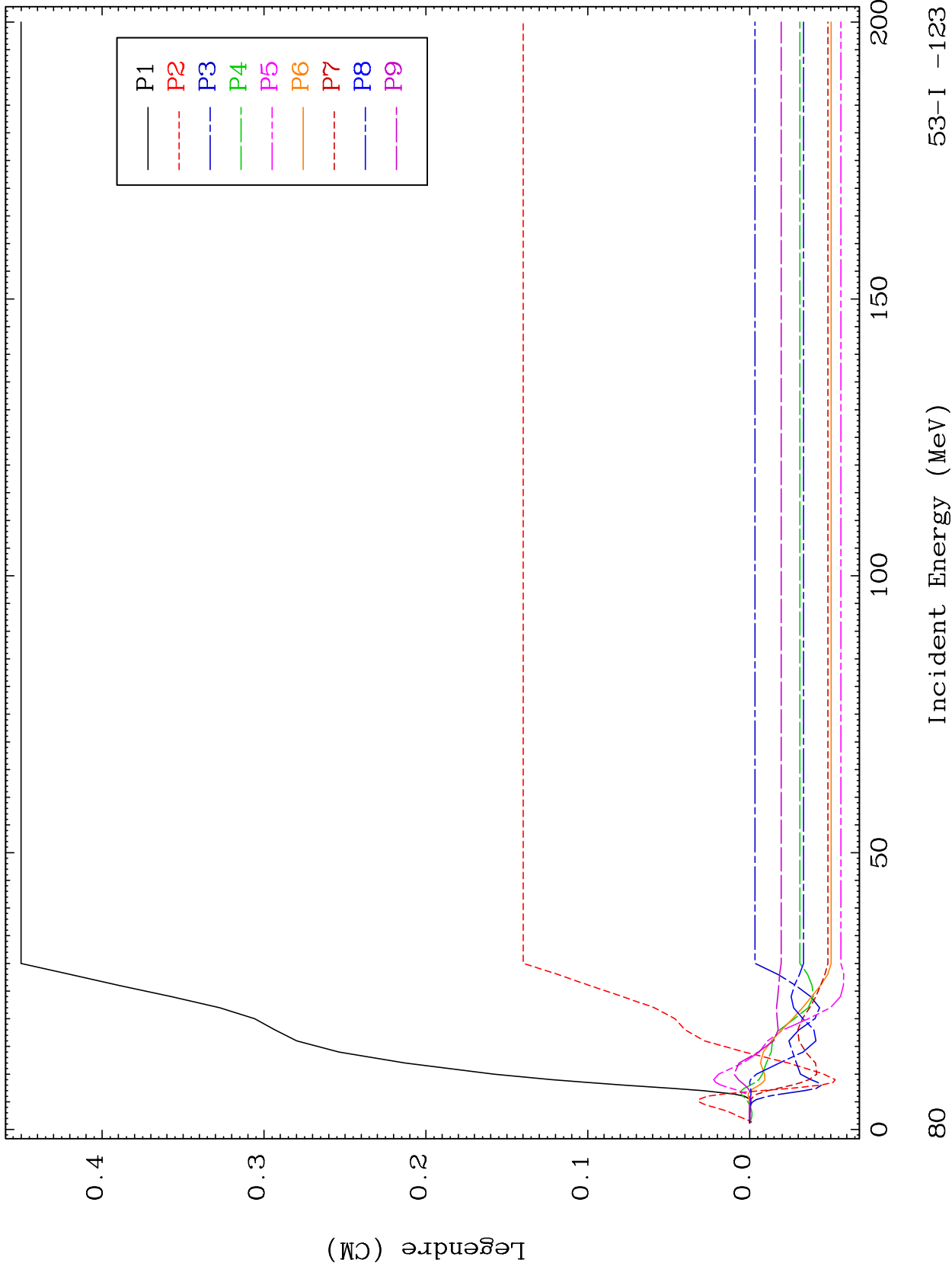


78

Incident Energy (MeV)

53-I -123

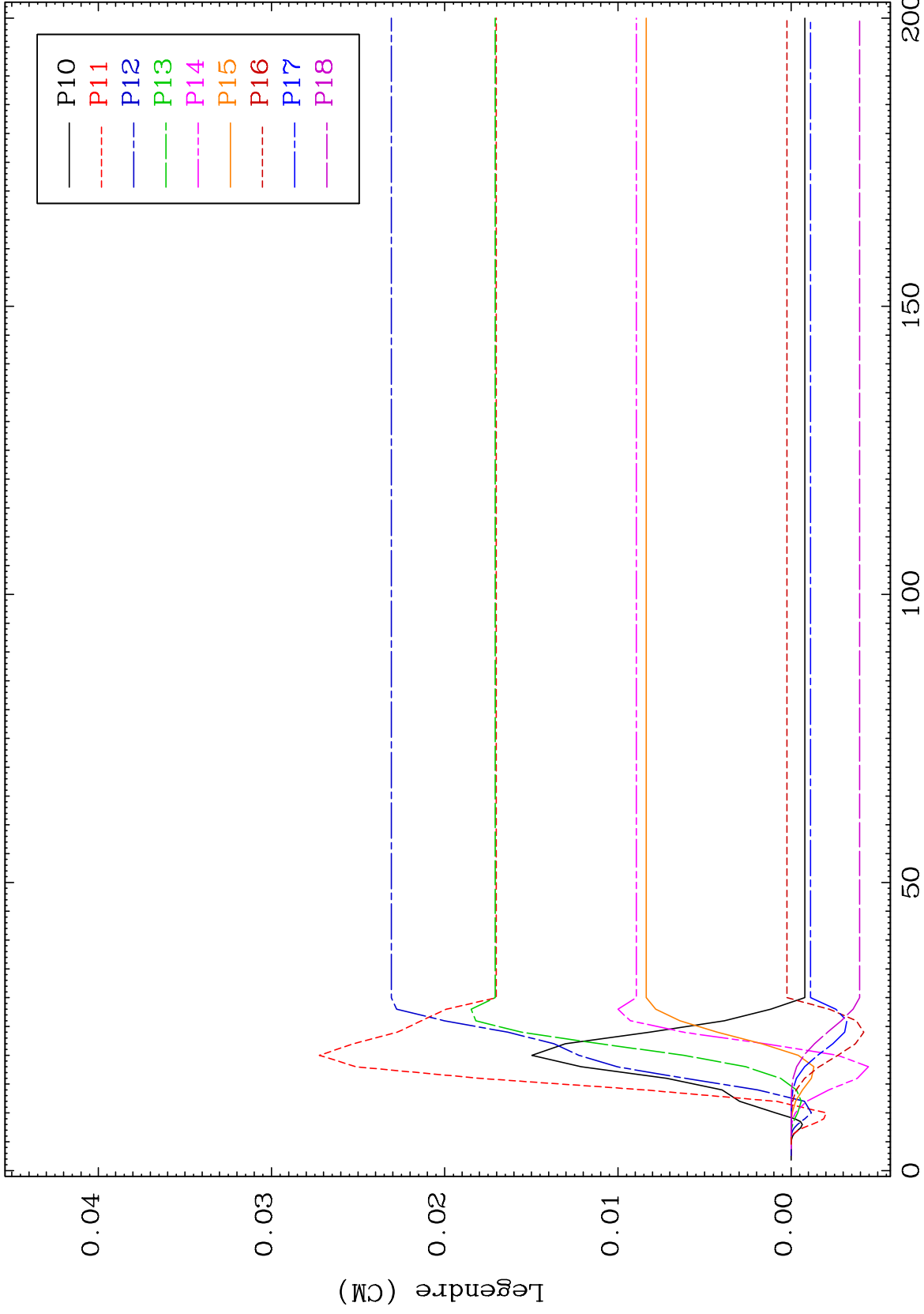




MAT 5313

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

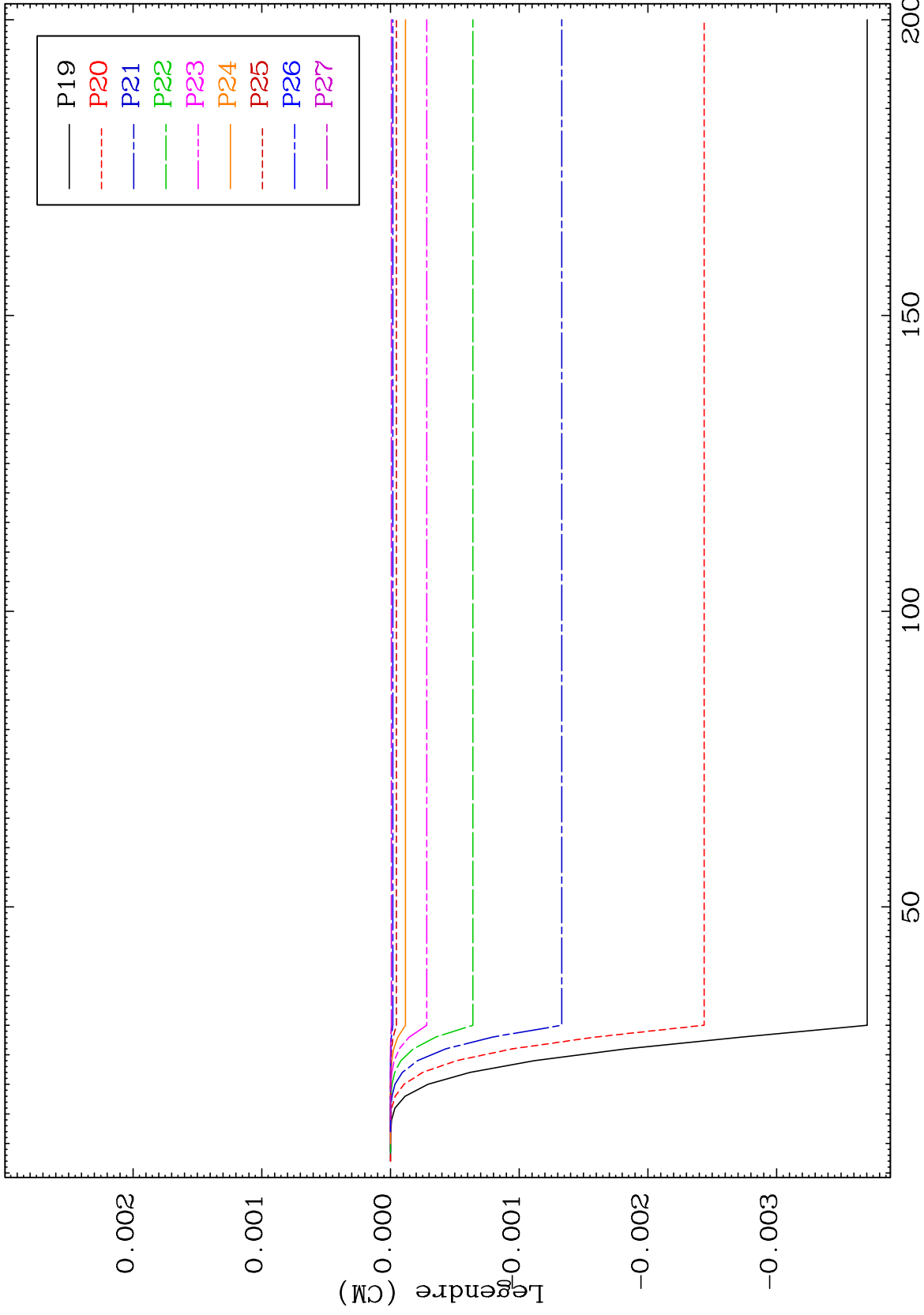
53-I -123

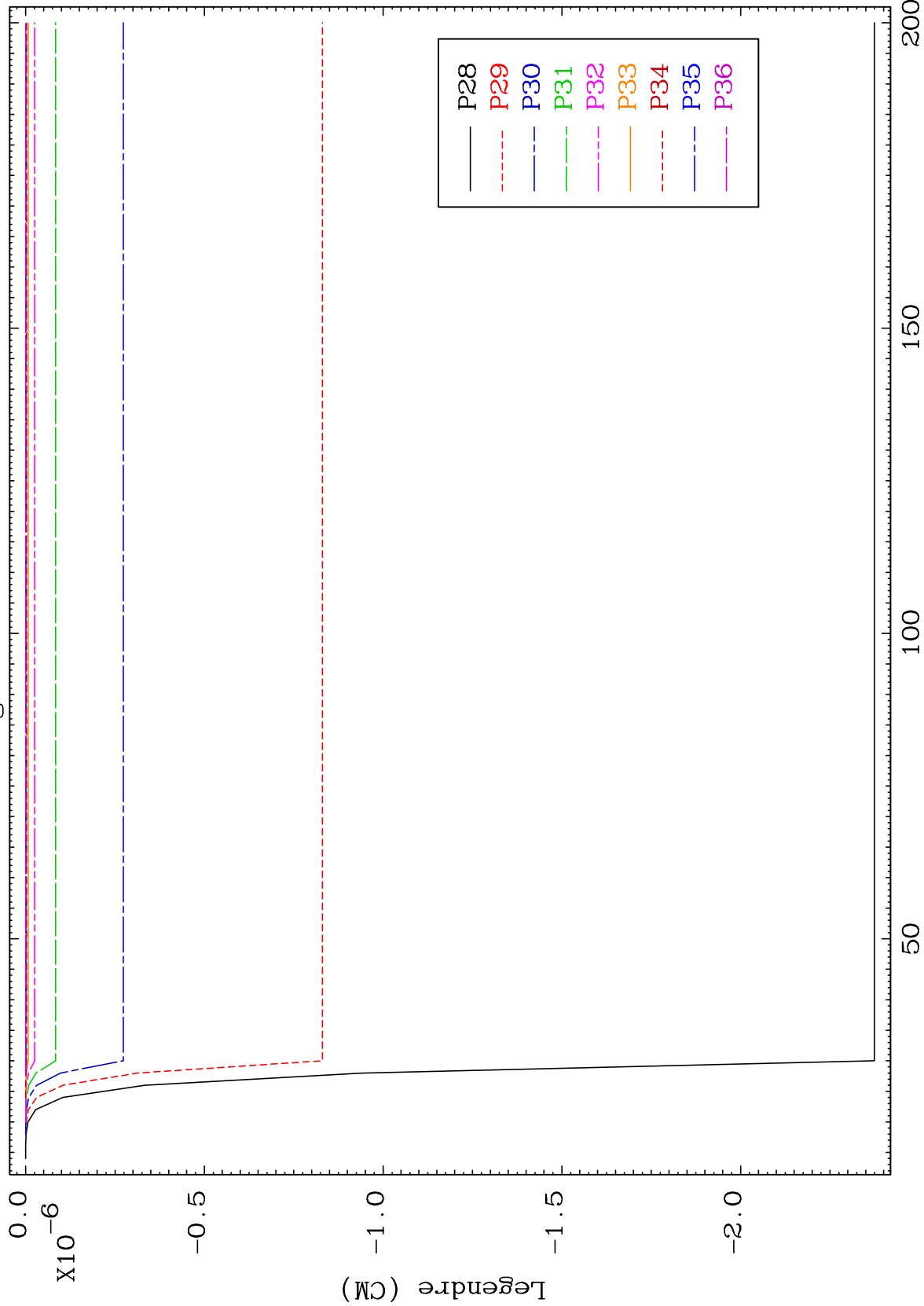


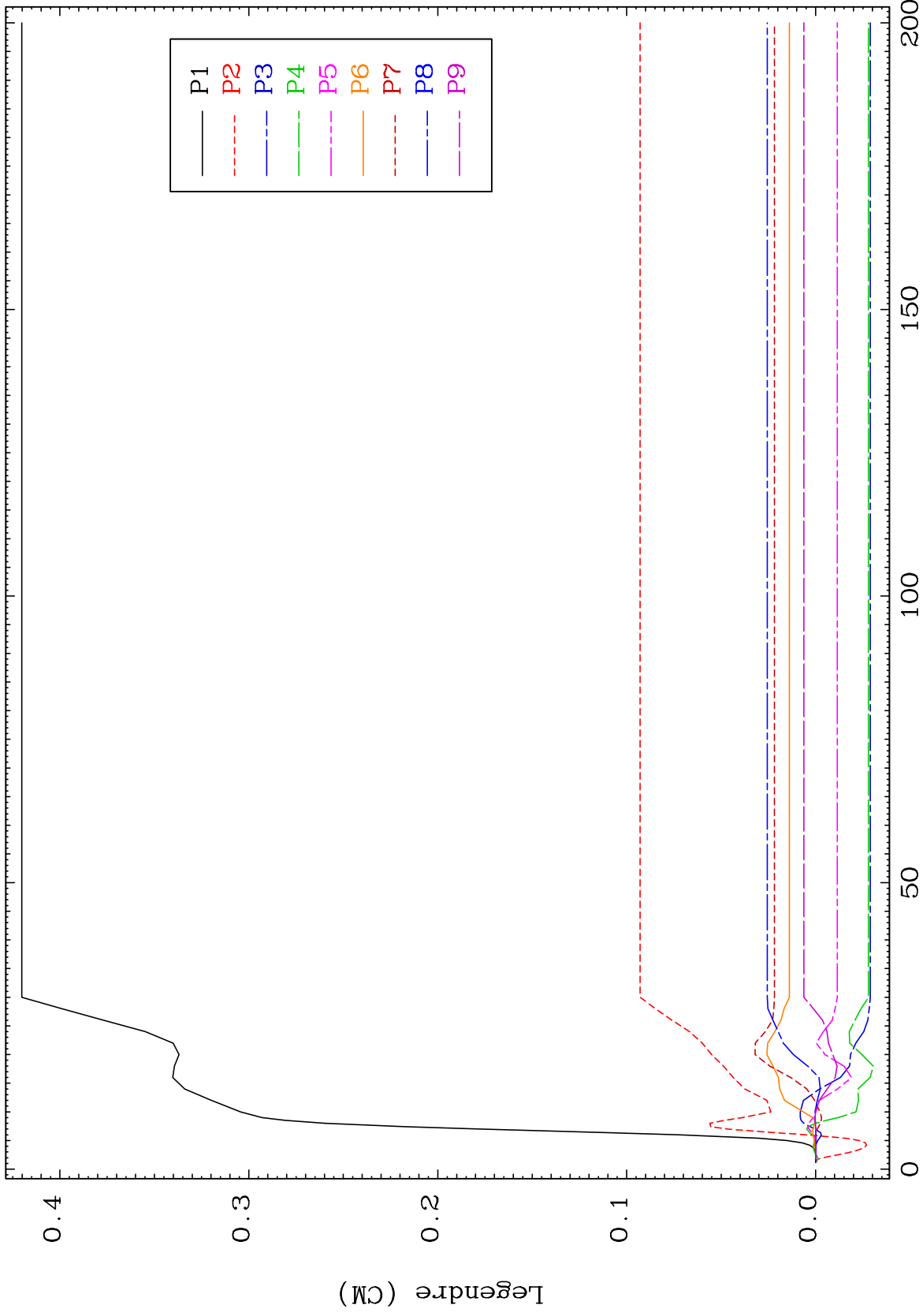
81

Incident Energy (MeV)

53-I -123





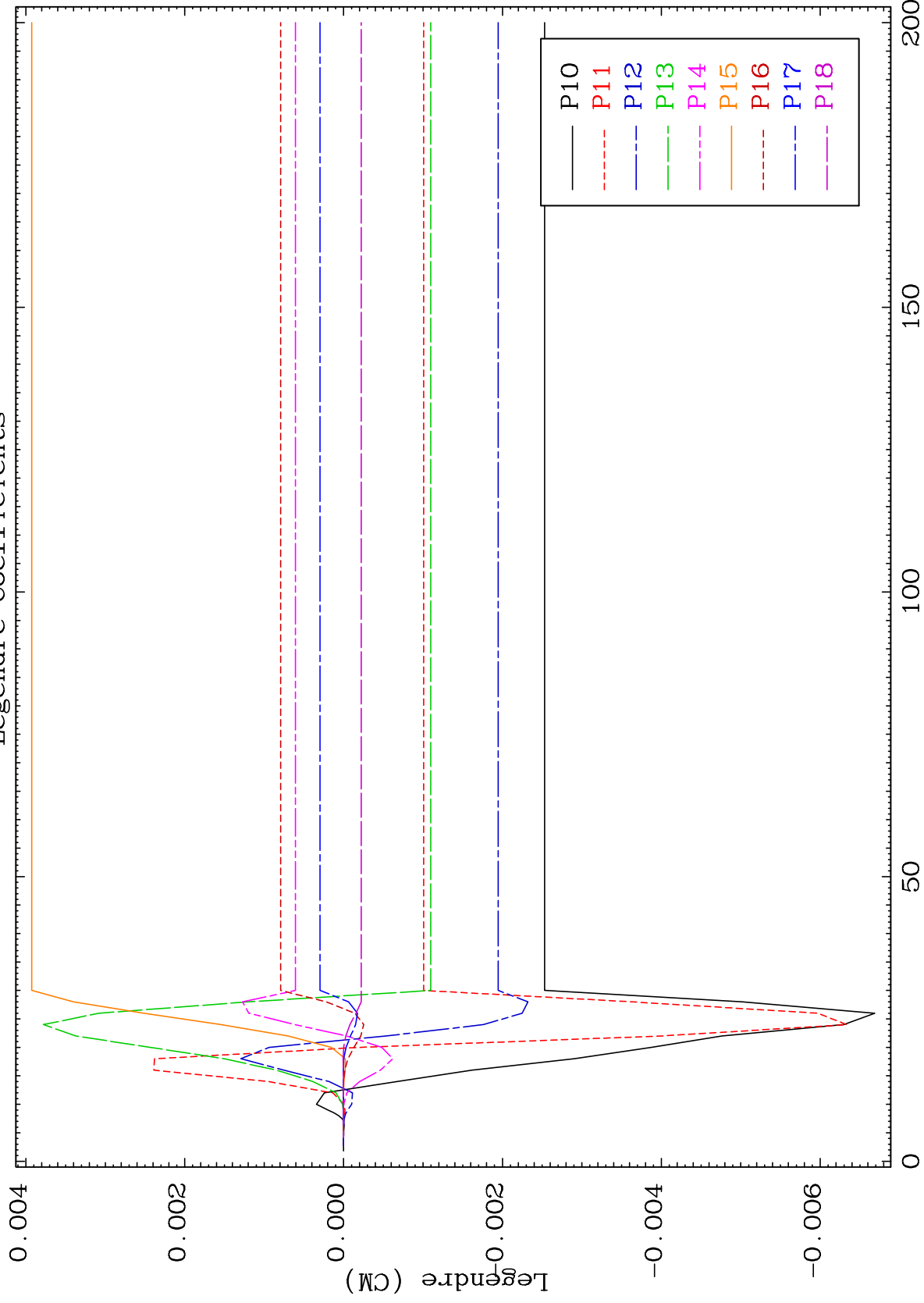


MAT 5313

MT= 68 (n,n') Level

53-I -123

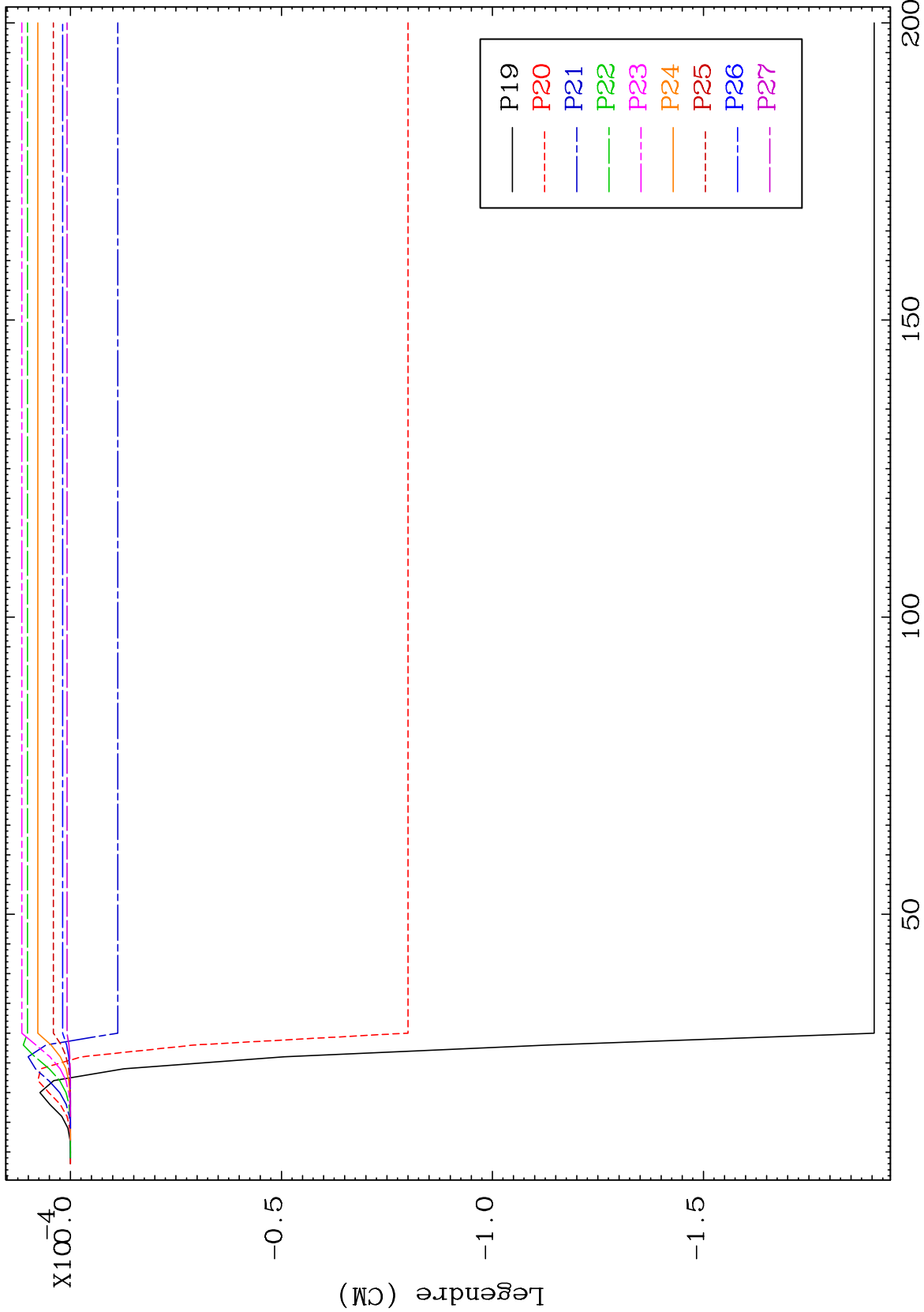
Legendre Coefficients

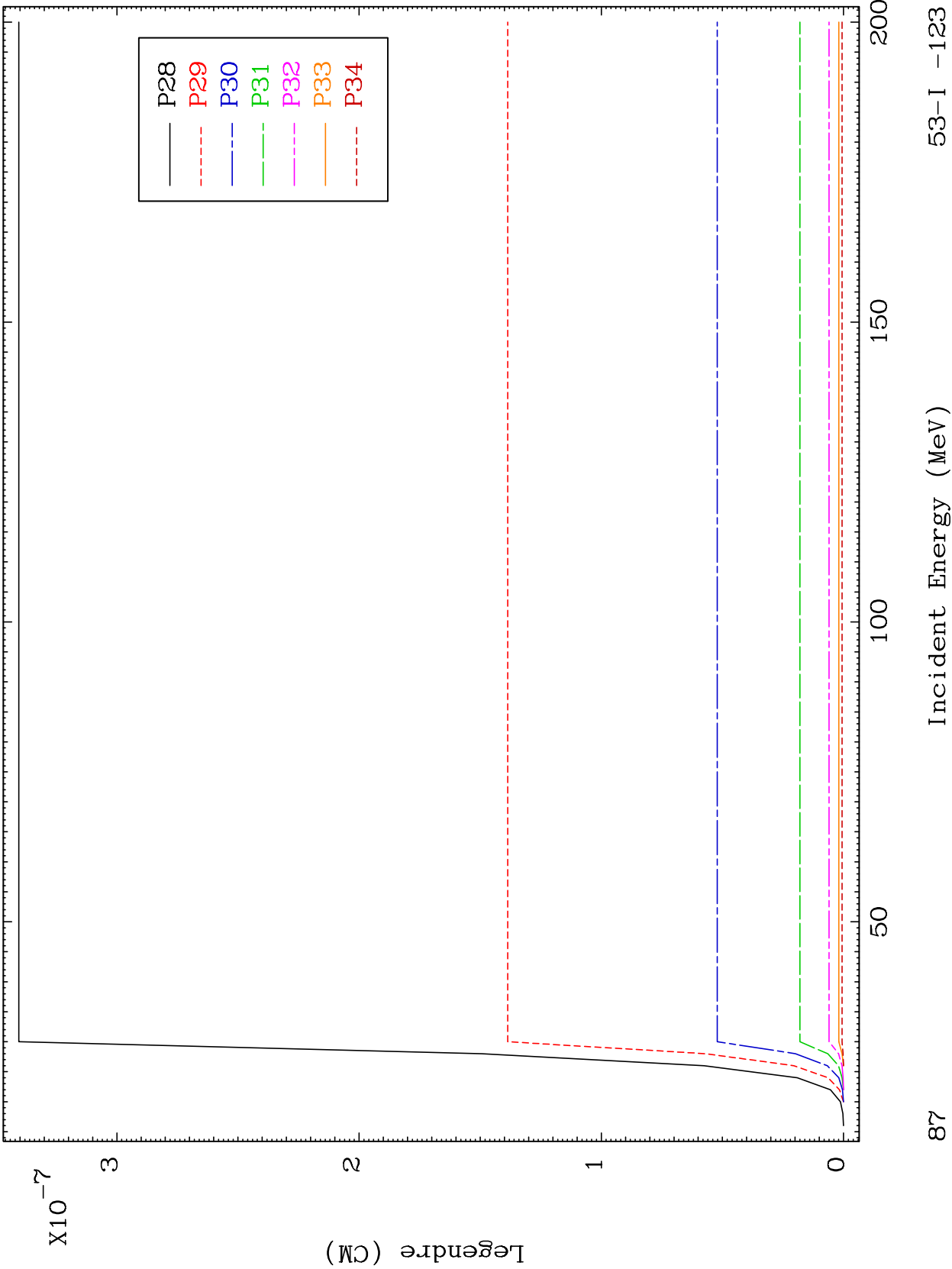


85

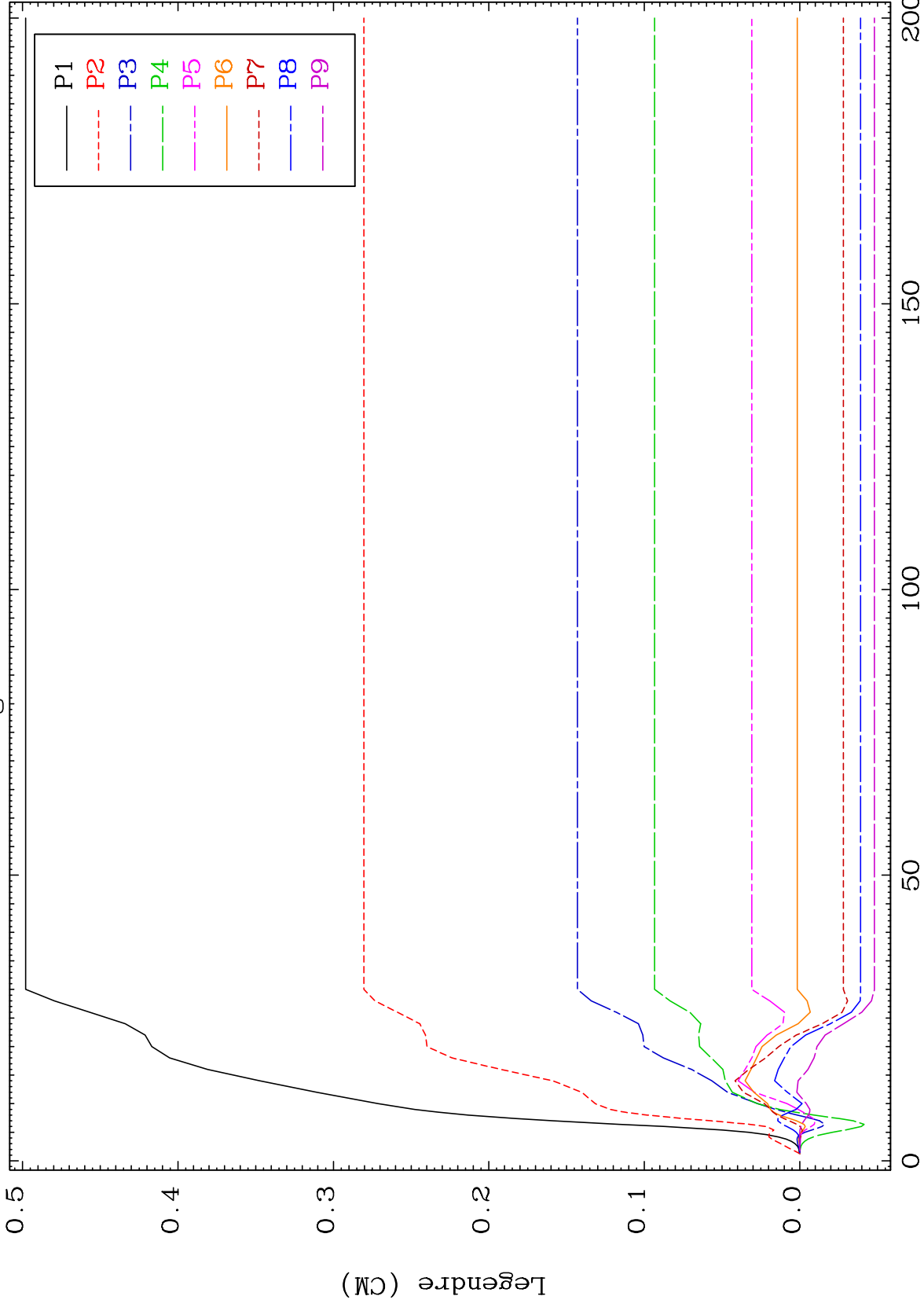
Incident Energy (MeV)

53-I -123





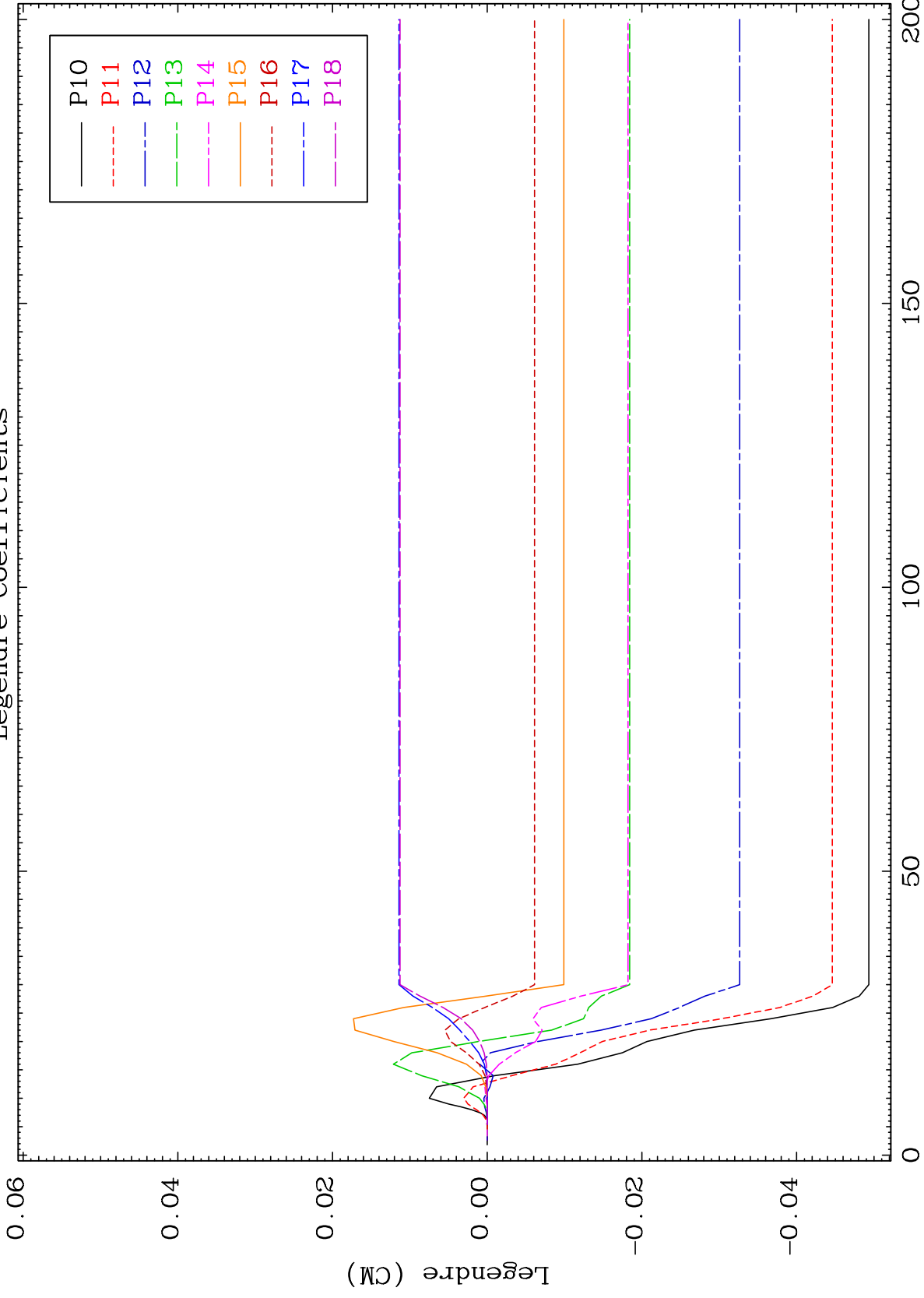
Legendre Coefficients



MAT 5313

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

53-I -123



89

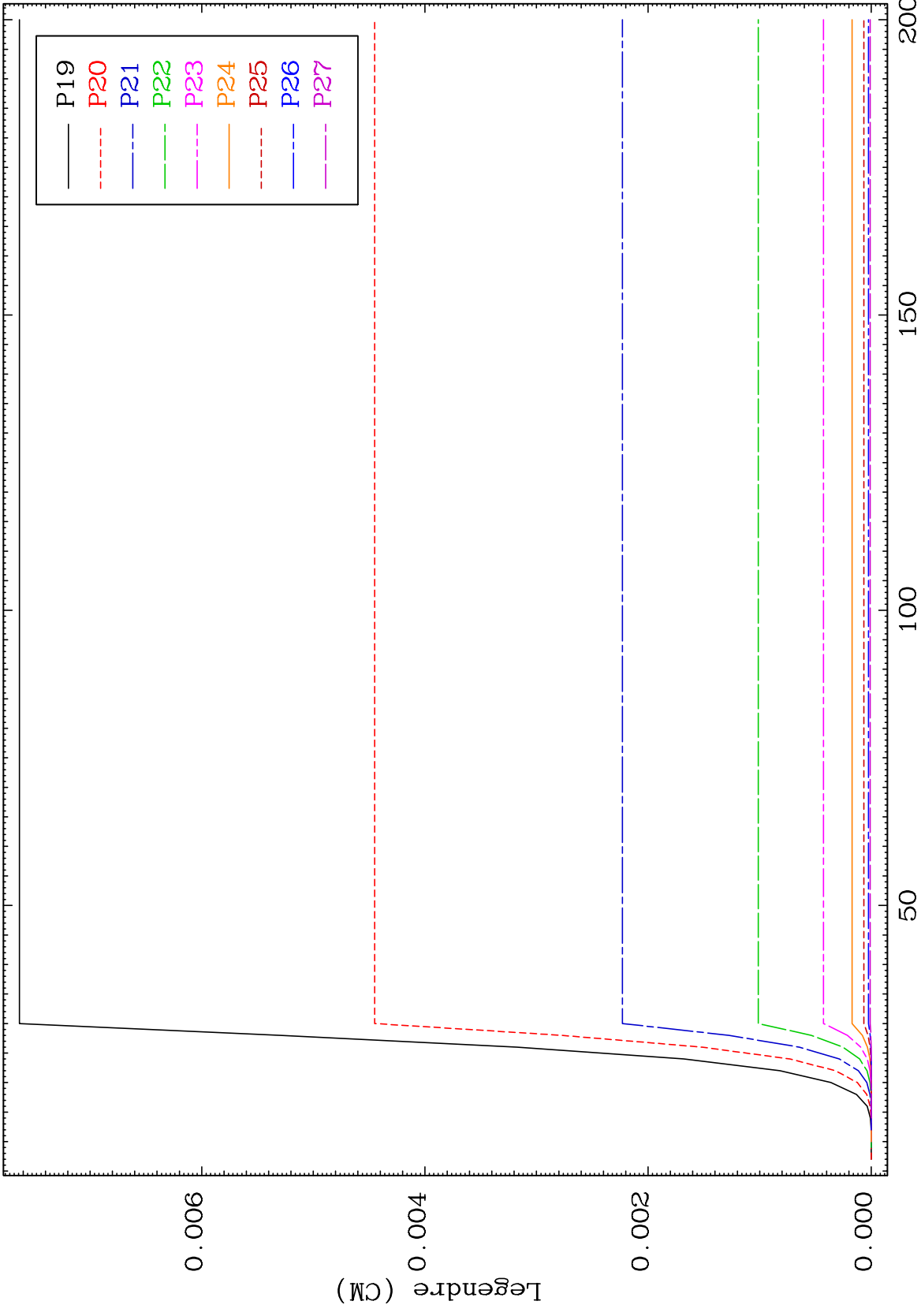
Incident Energy (MeV)

53-I -123

MAT 5313

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

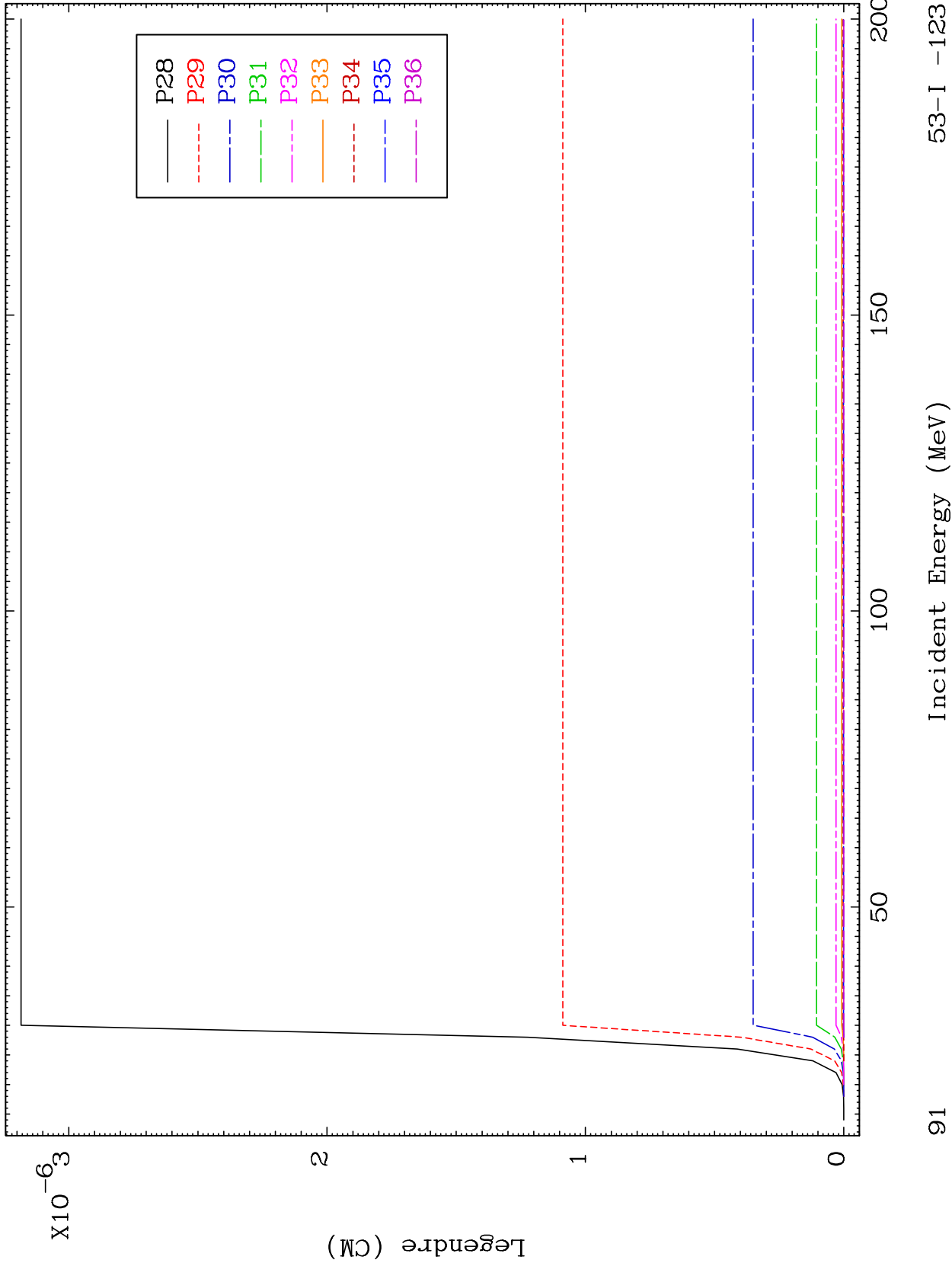
53-I -123



90

Incident Energy (MeV)

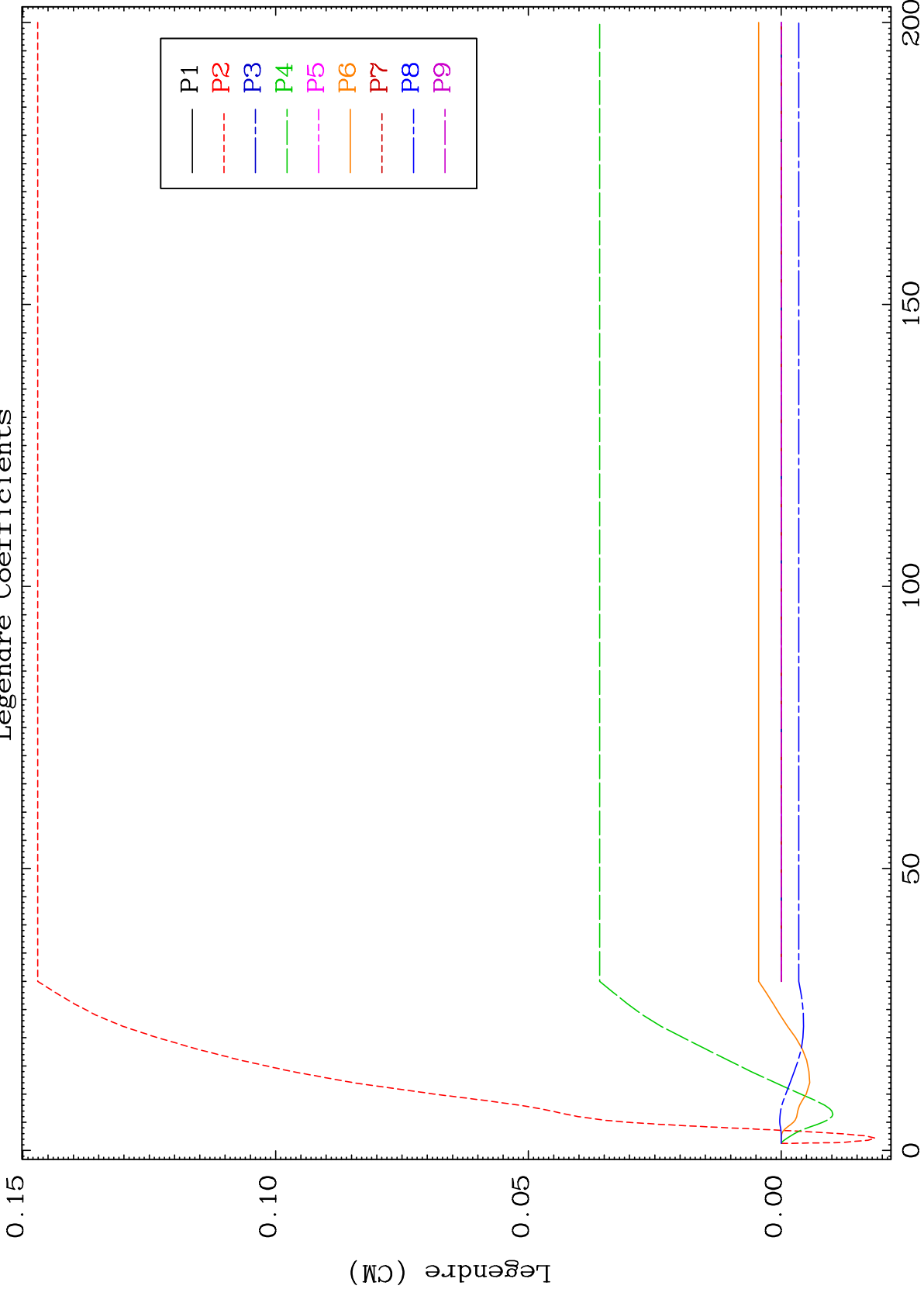
53-I -123



MAT 5313

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

53-I -123



92

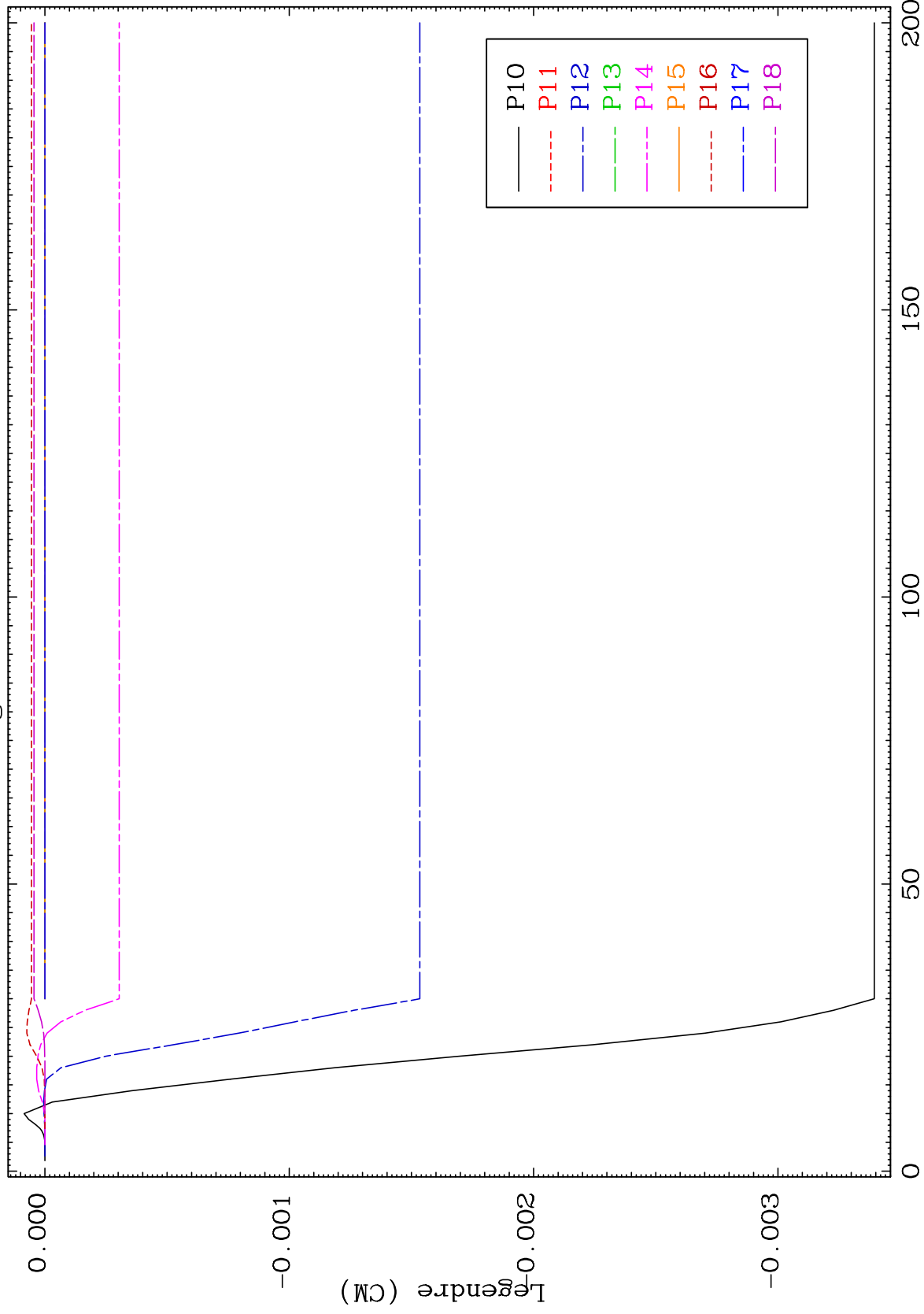
Incident Energy (MeV)

53-I -123

MAT 5313

53-I -123

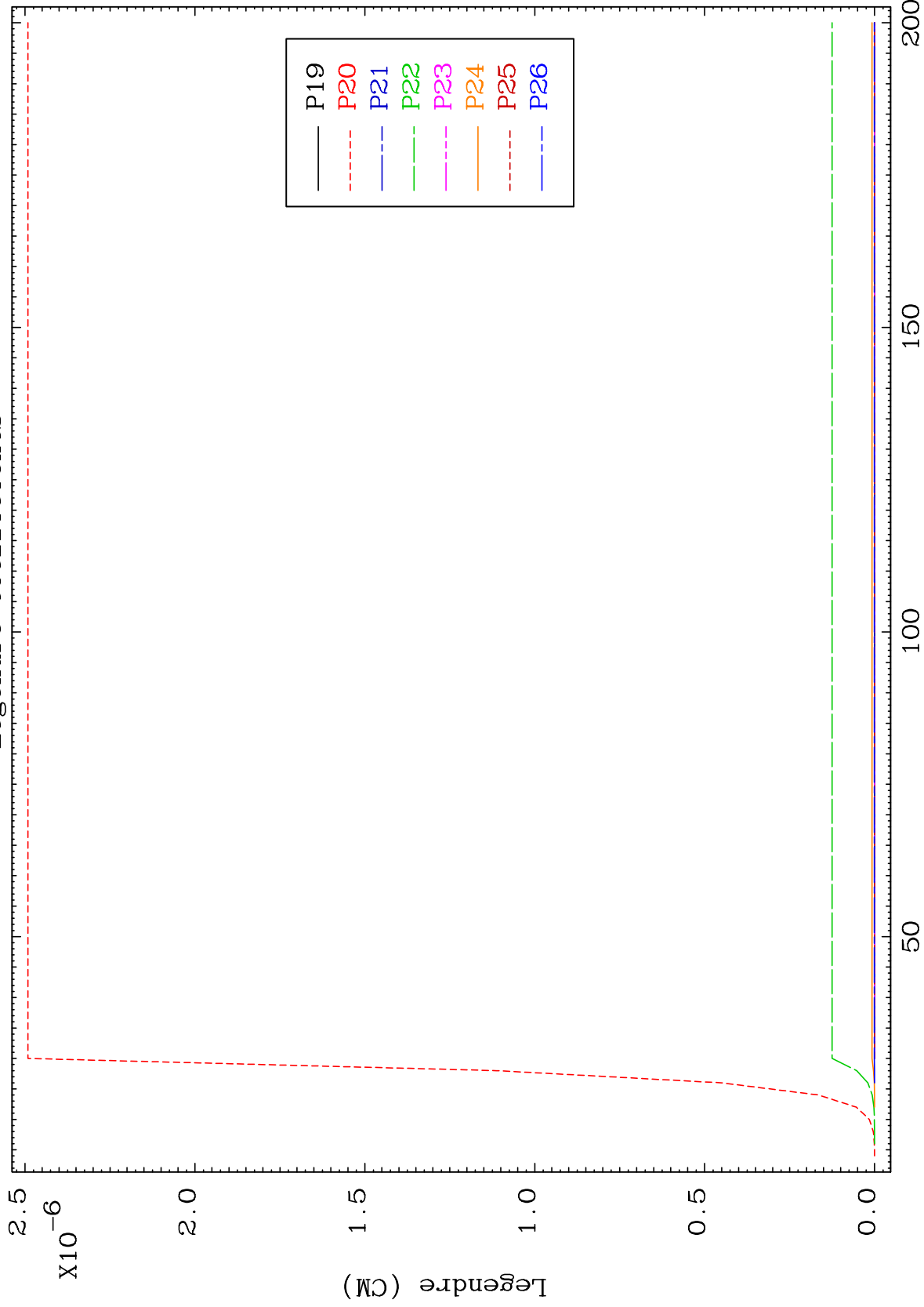
MT= 70 (n,n') Level
Legendre Coefficients



93

Incident Energy (MeV)

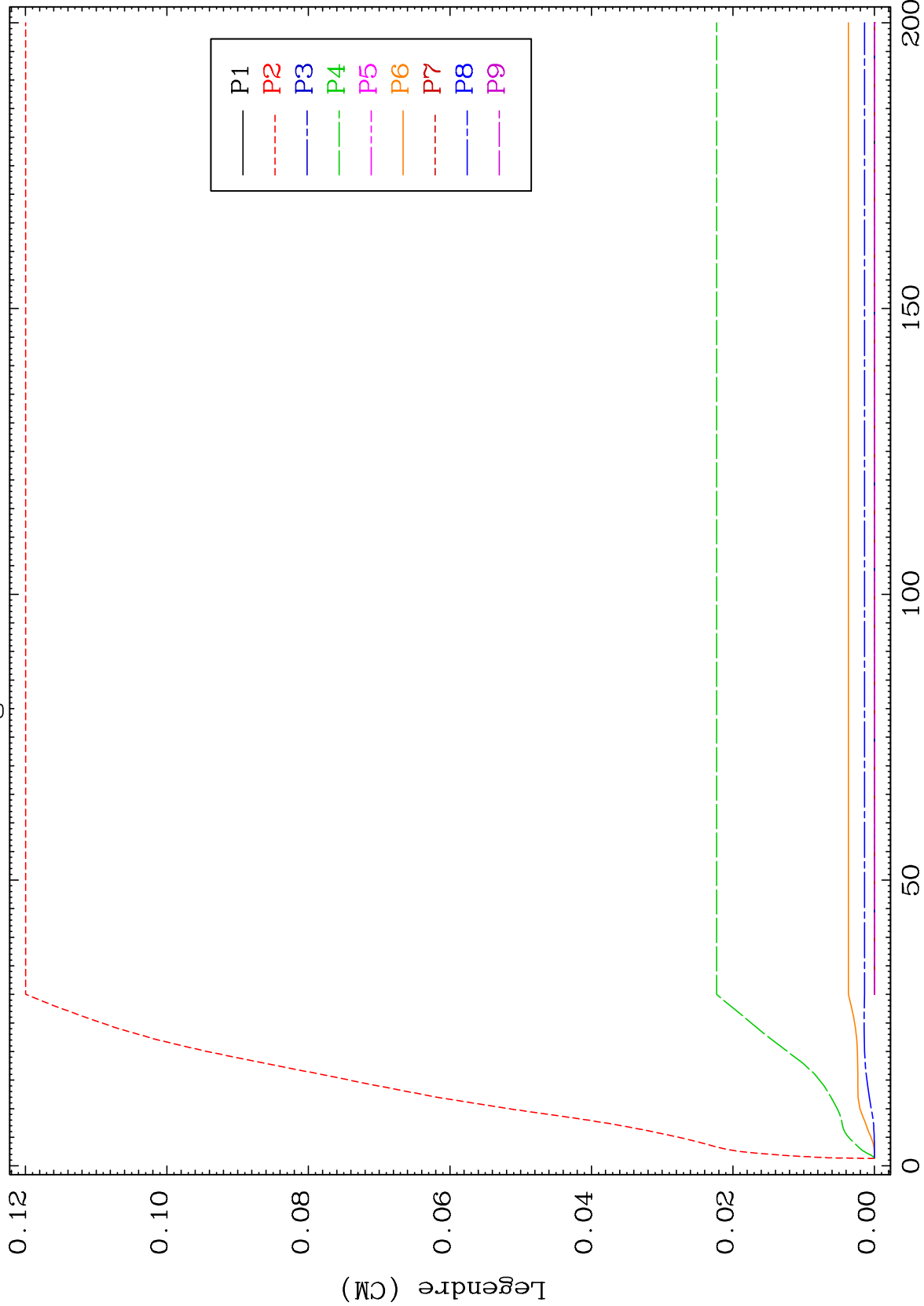
53-I -123



MAT 5313

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

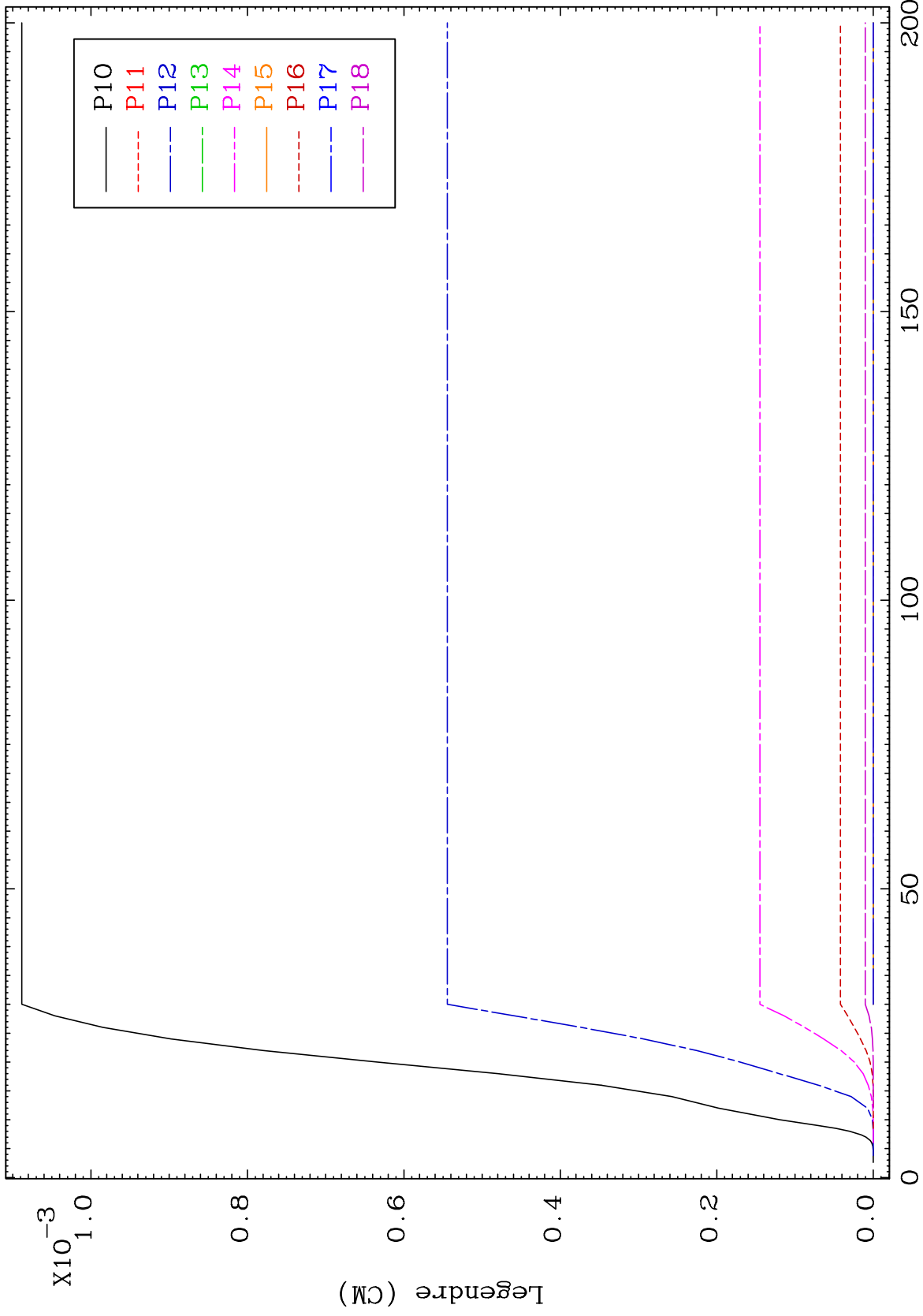
53-I -123



95

Incident Energy (MeV)

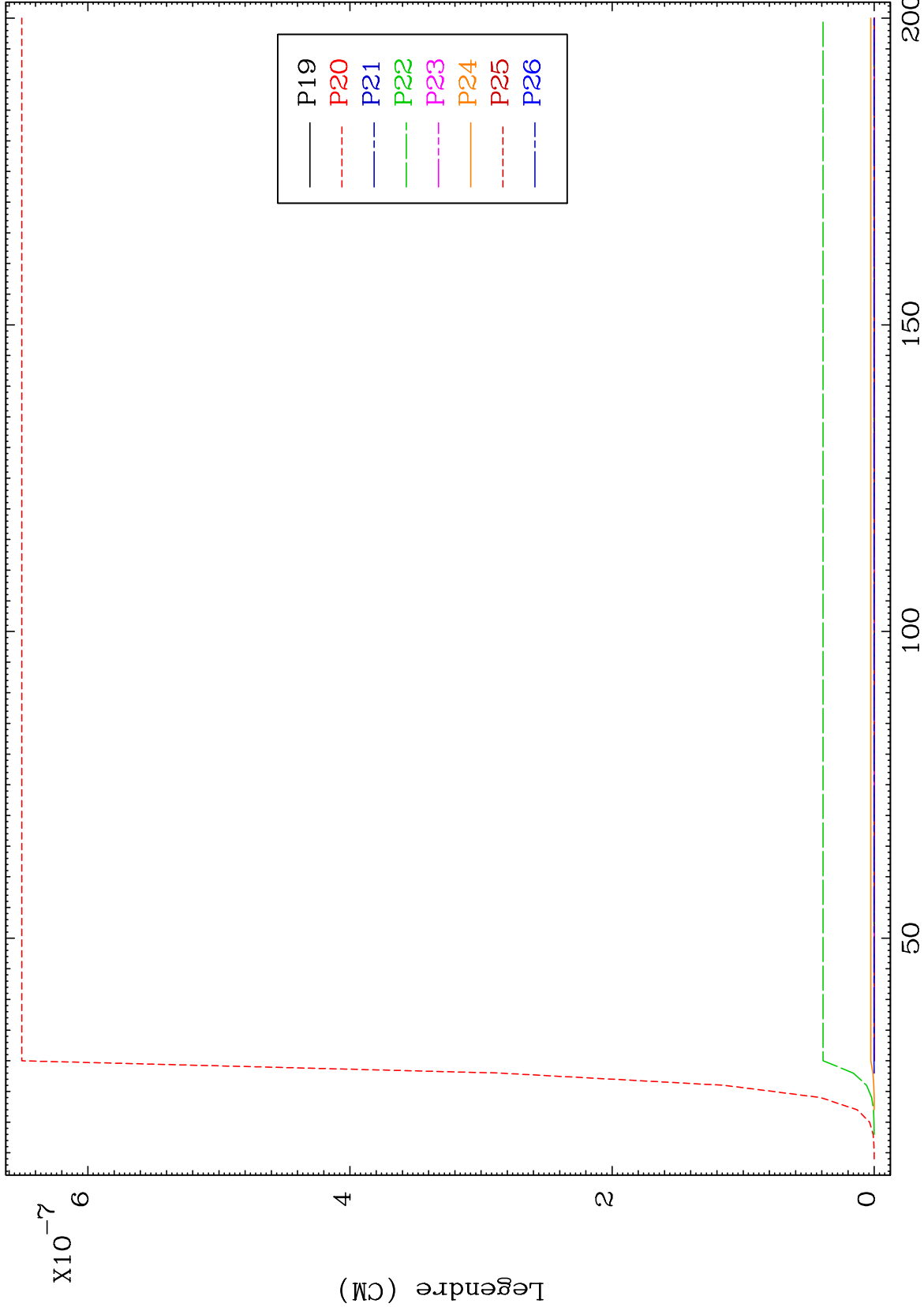
53-I -123



MAT 5313

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

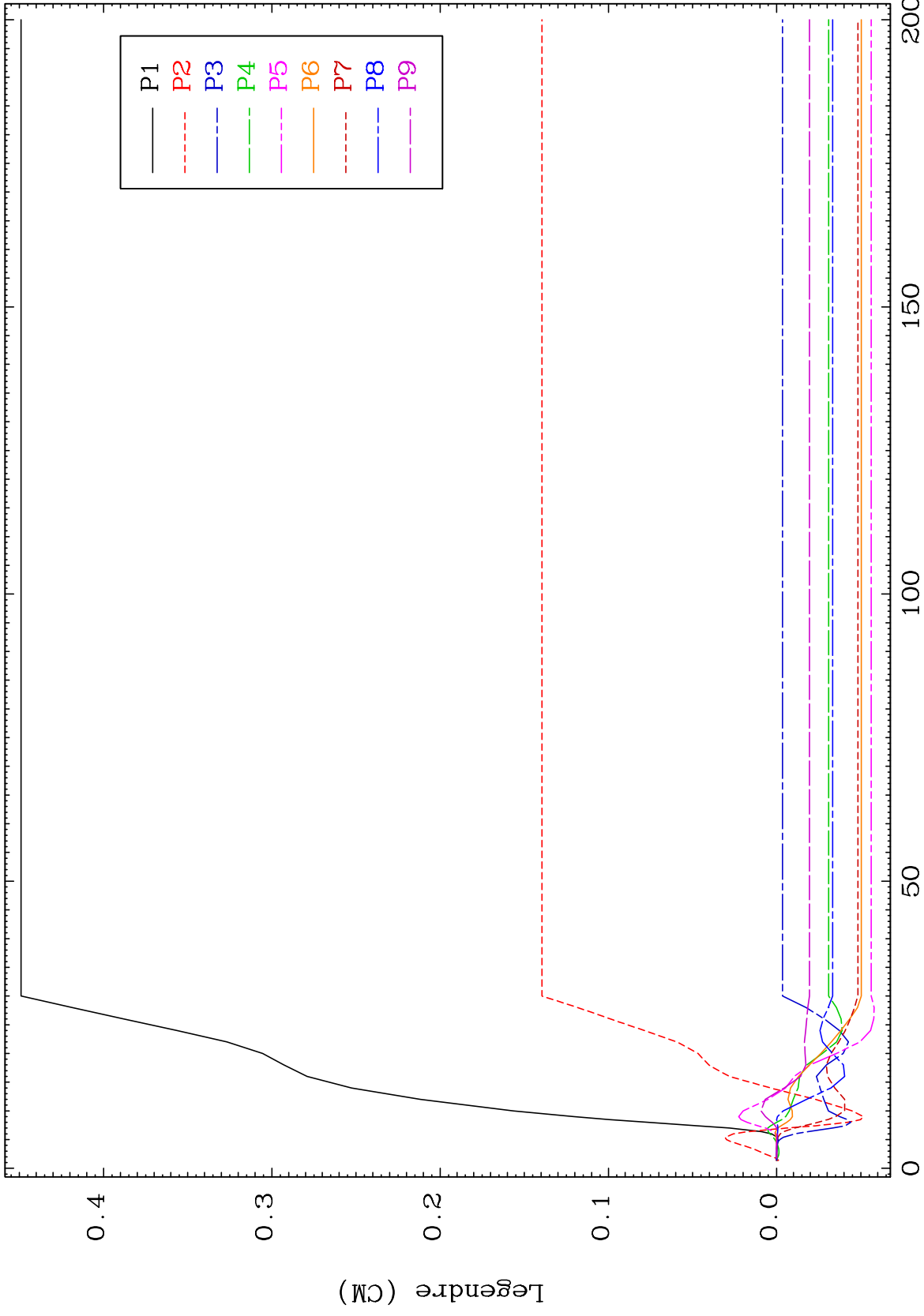
53-I -123



97

Incident Energy (MeV)

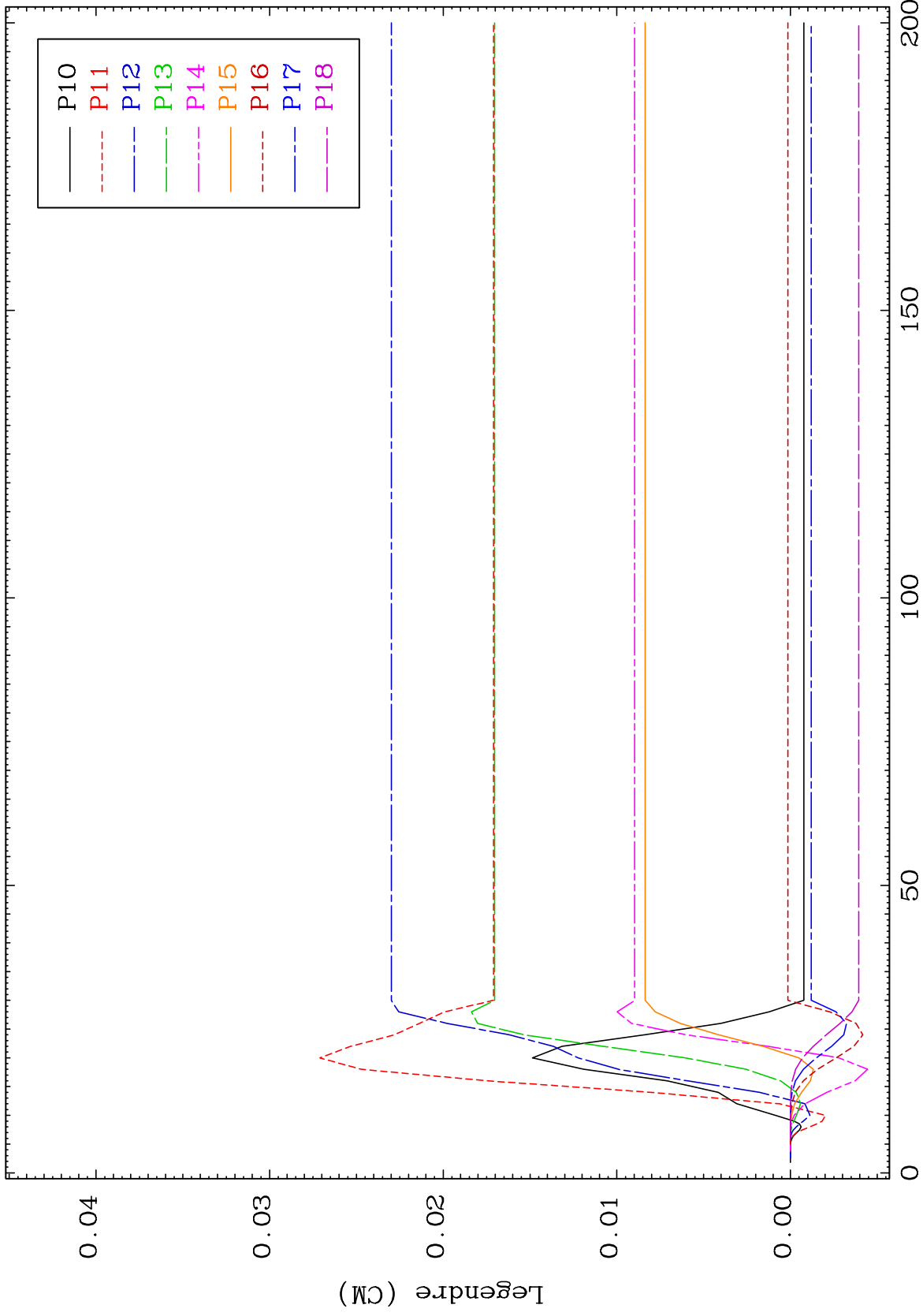
53-I -123



MAT 5313

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

53-I -123



99

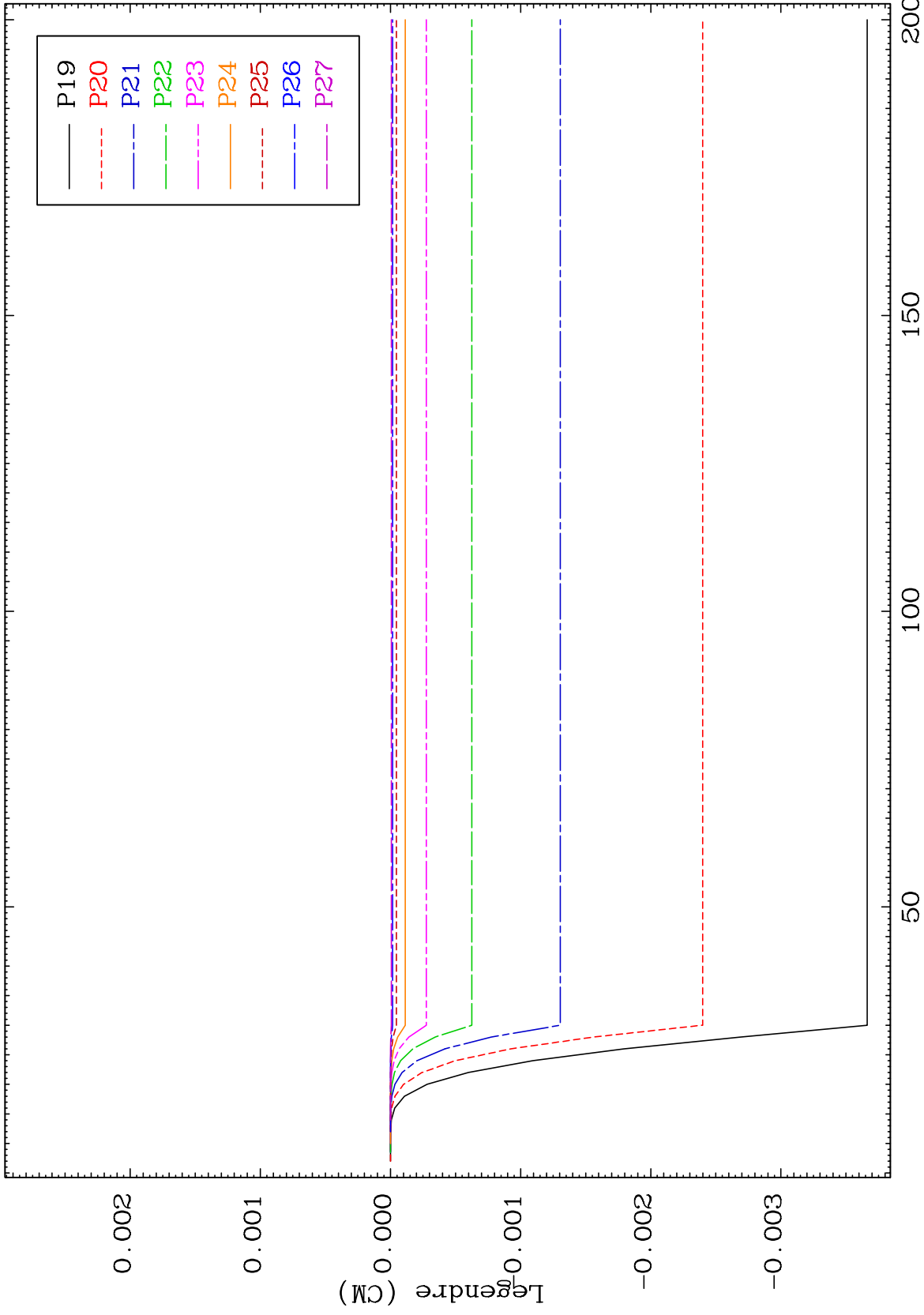
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



100

Incident Energy (MeV)

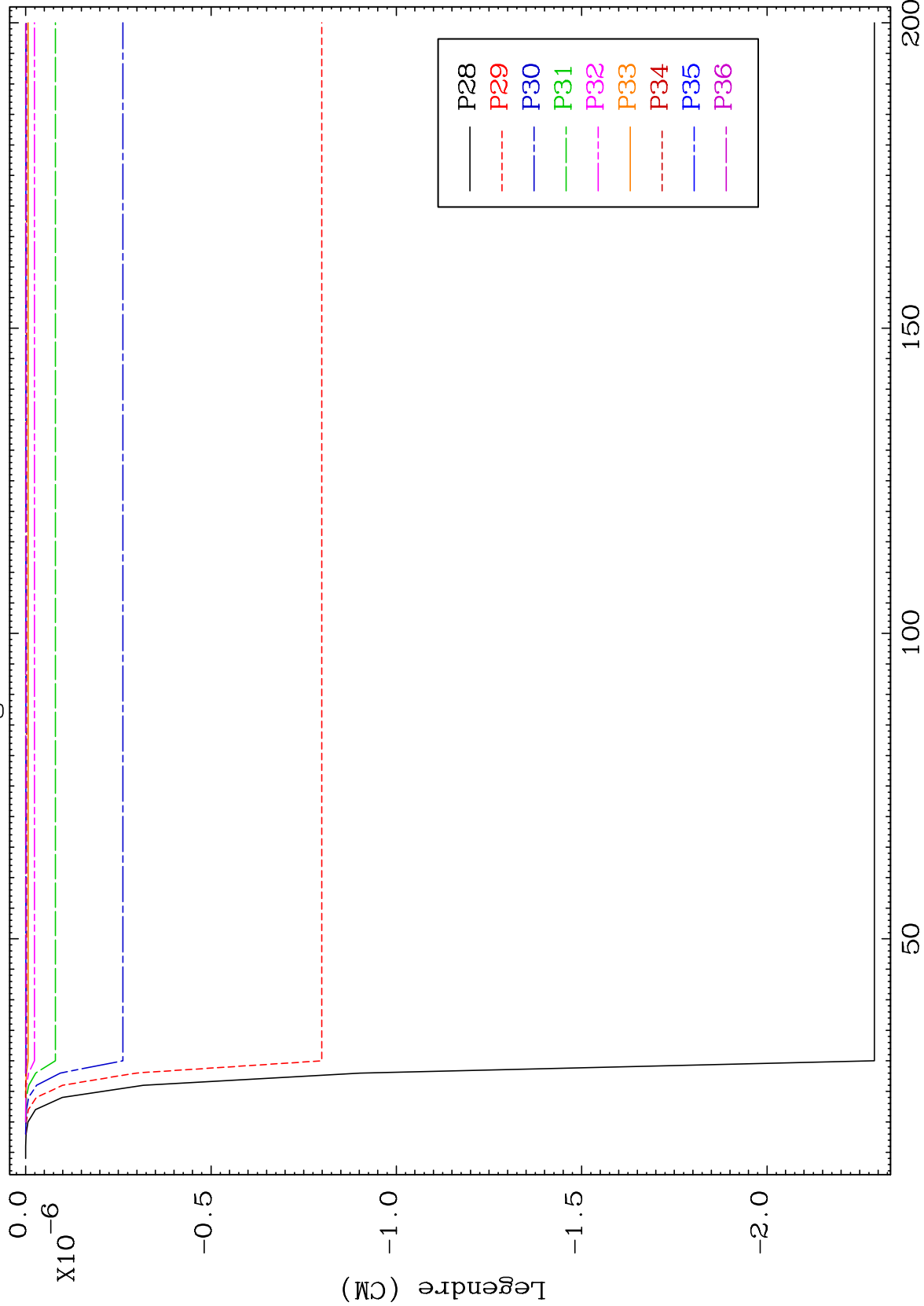
53-I -123

MAT 5313

MT= 72 (n,n') Level

53-I -123

Legendre Coefficients



101

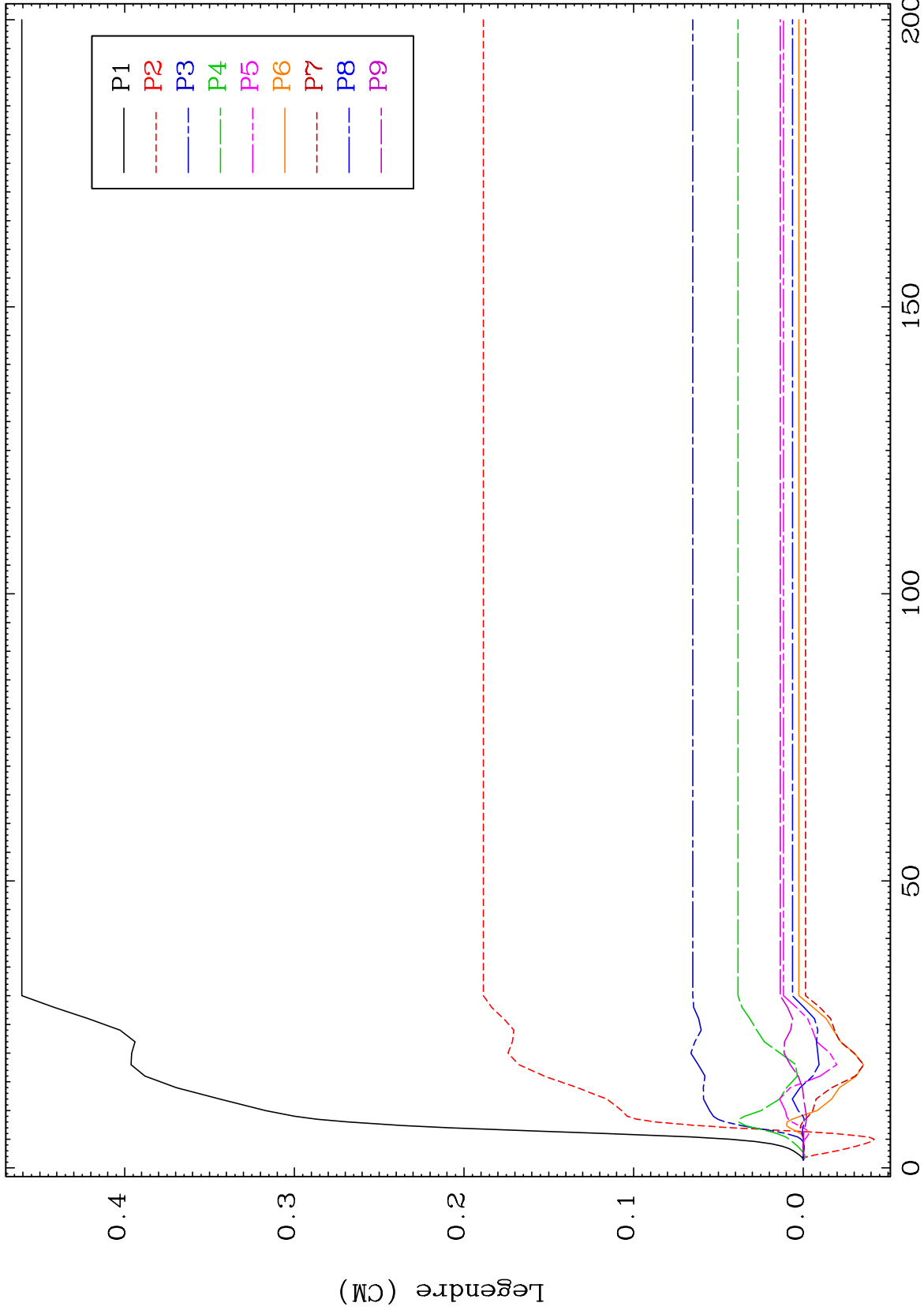
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



53-I -123

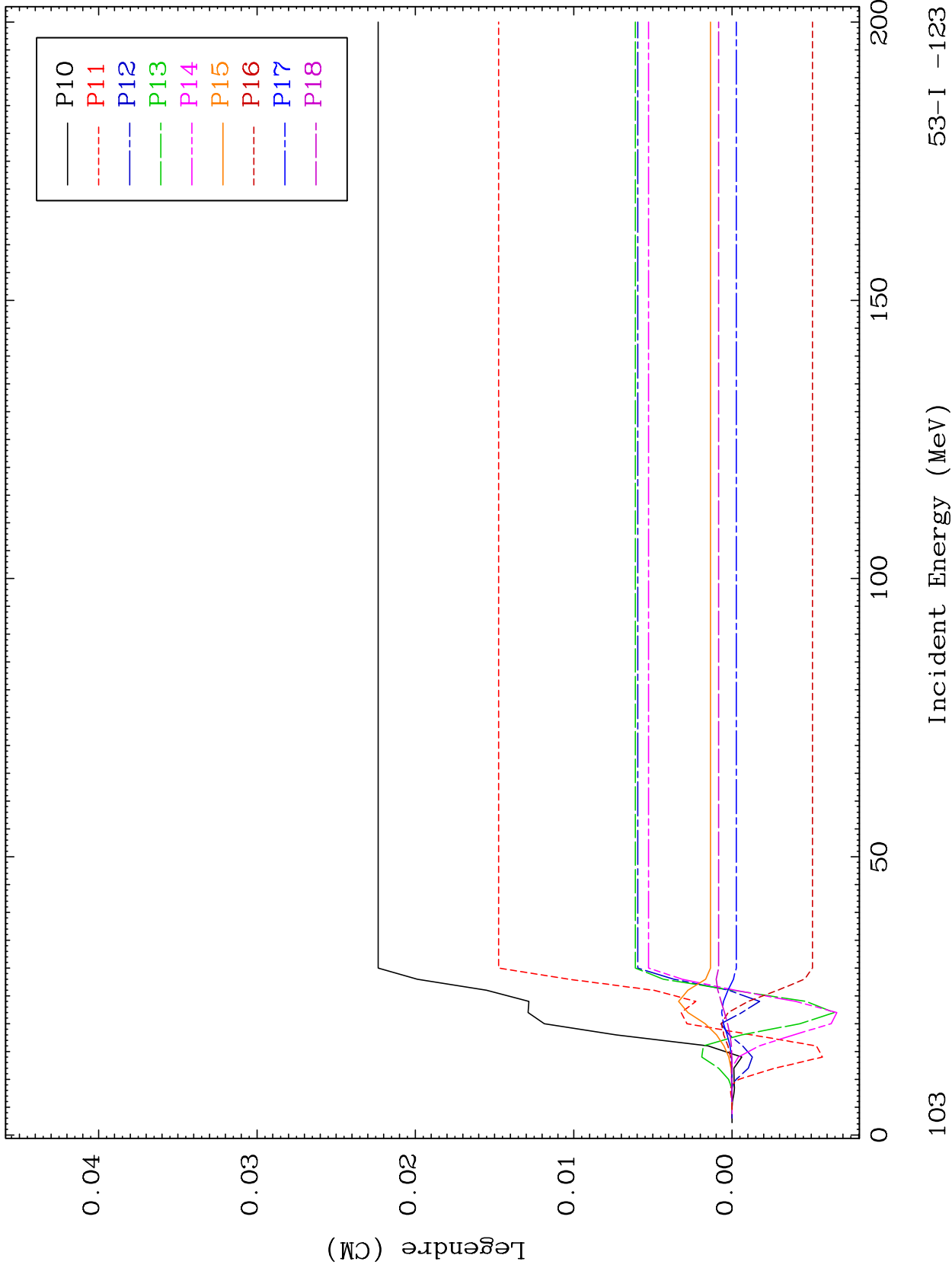
Incident Energy (MeV)

102

MAT 5313

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

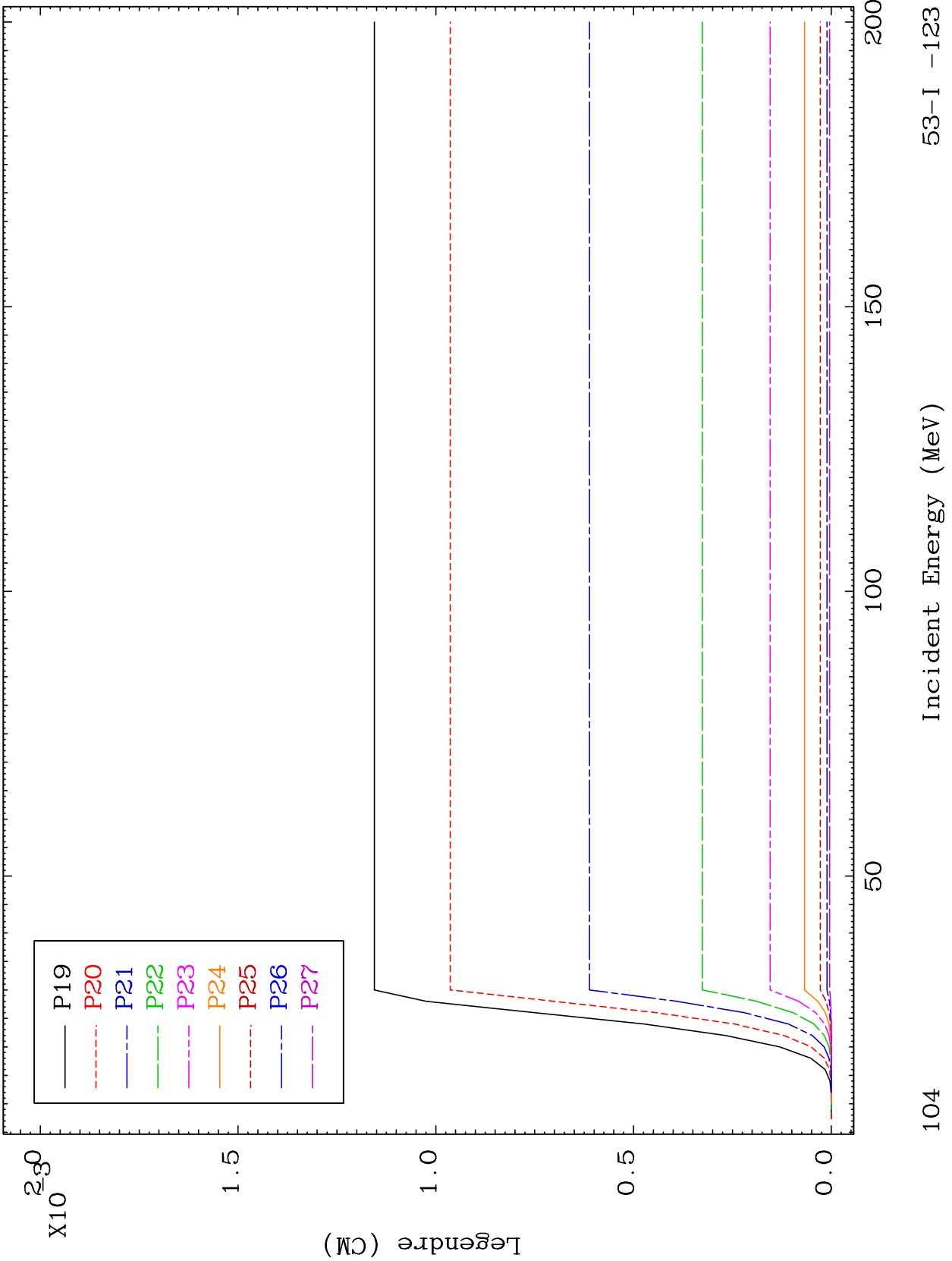
53-I -123



103

Incident Energy (MeV)

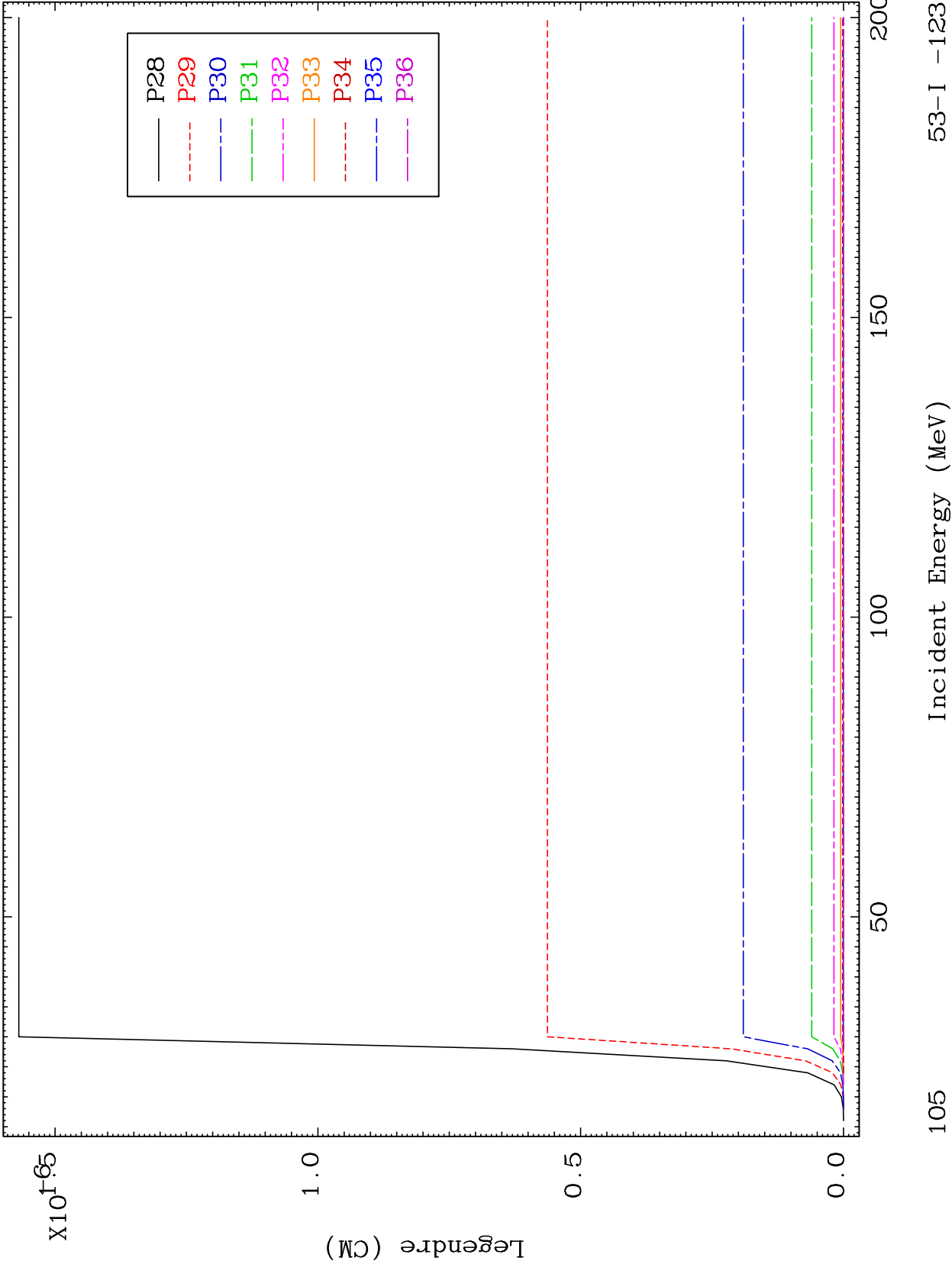
53-I -123



MAT 5313

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

53-I -123



105

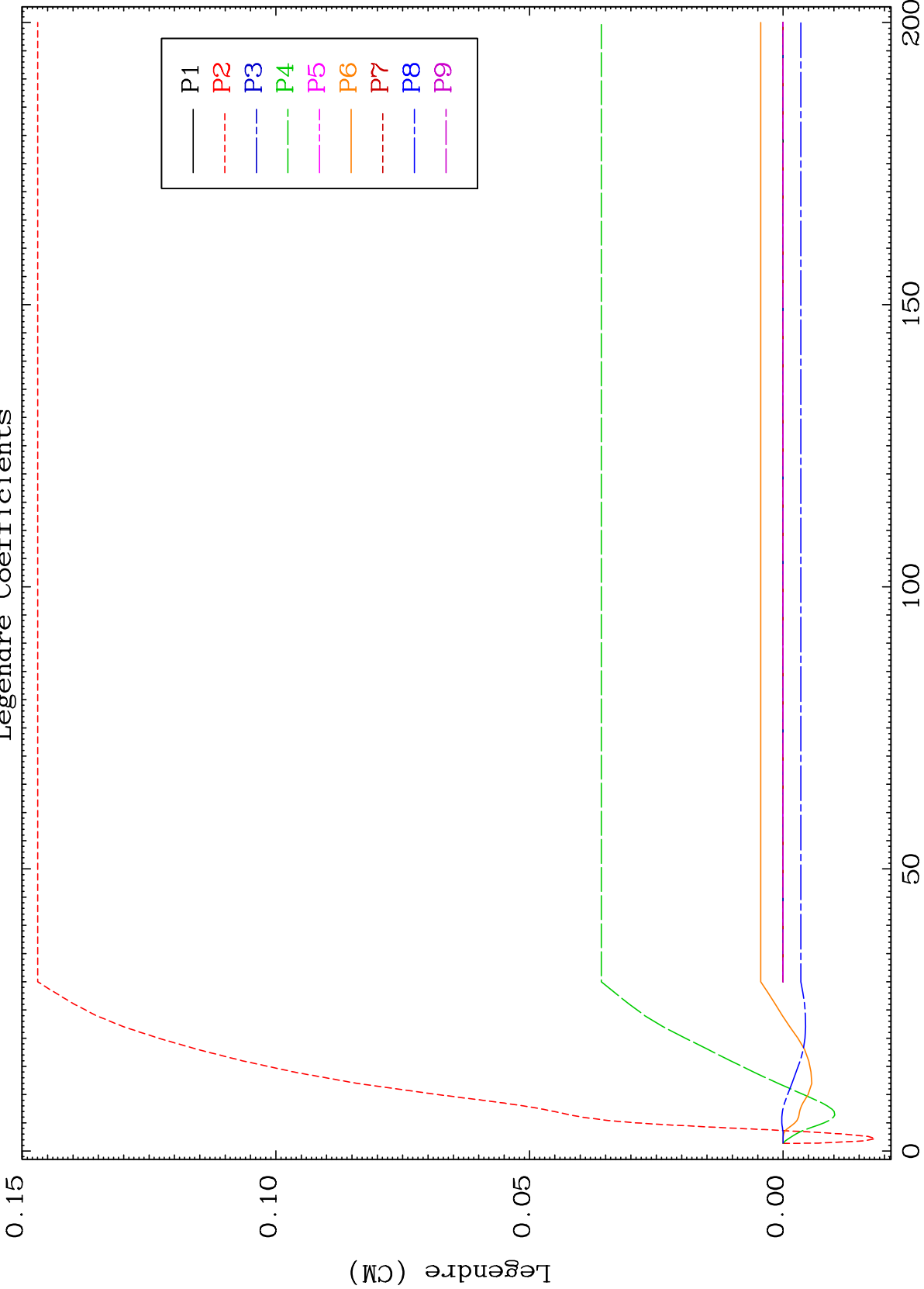
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



53-I -123

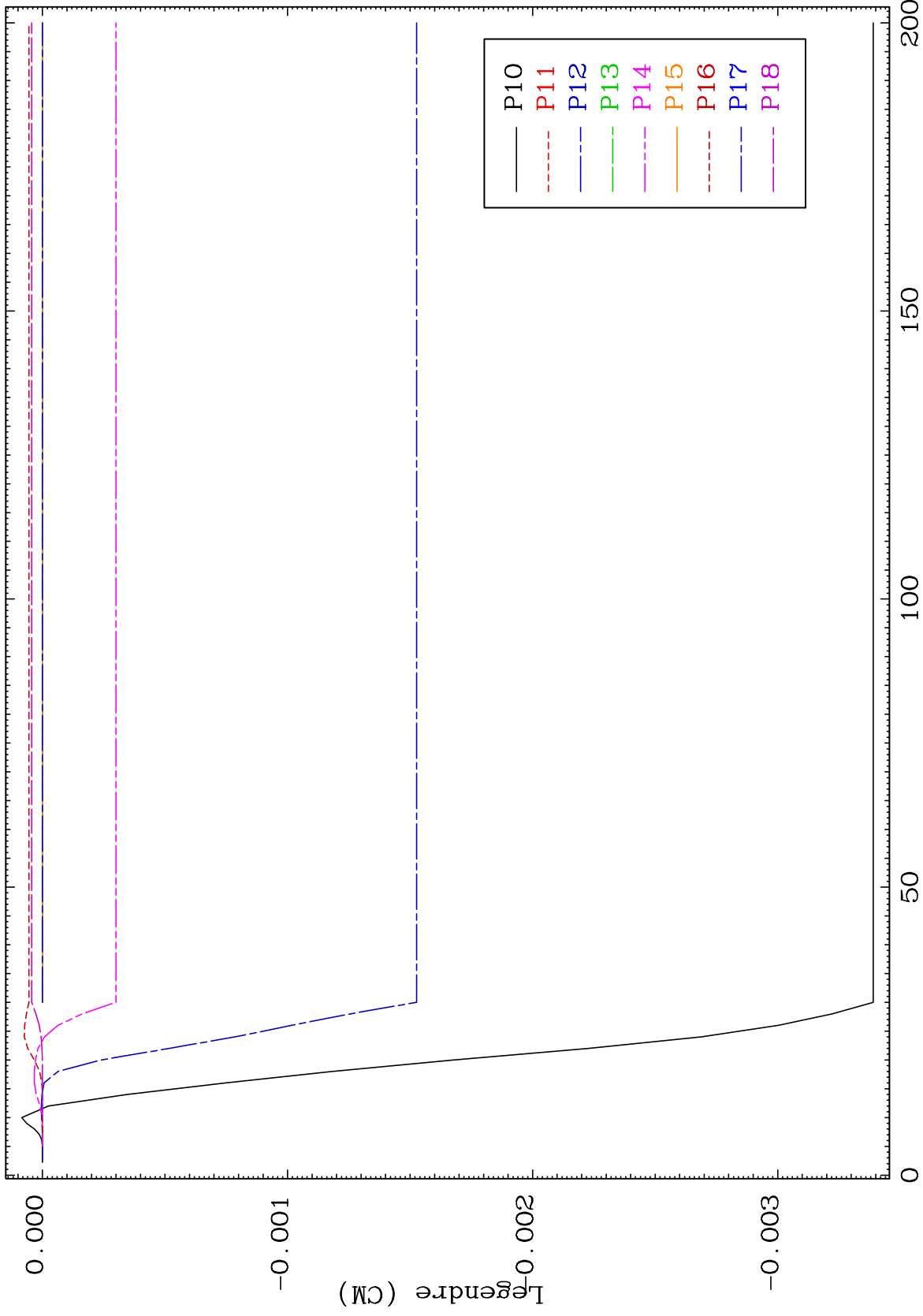
Incident Energy (MeV)

106

MAT 5313

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

53-I -123



107

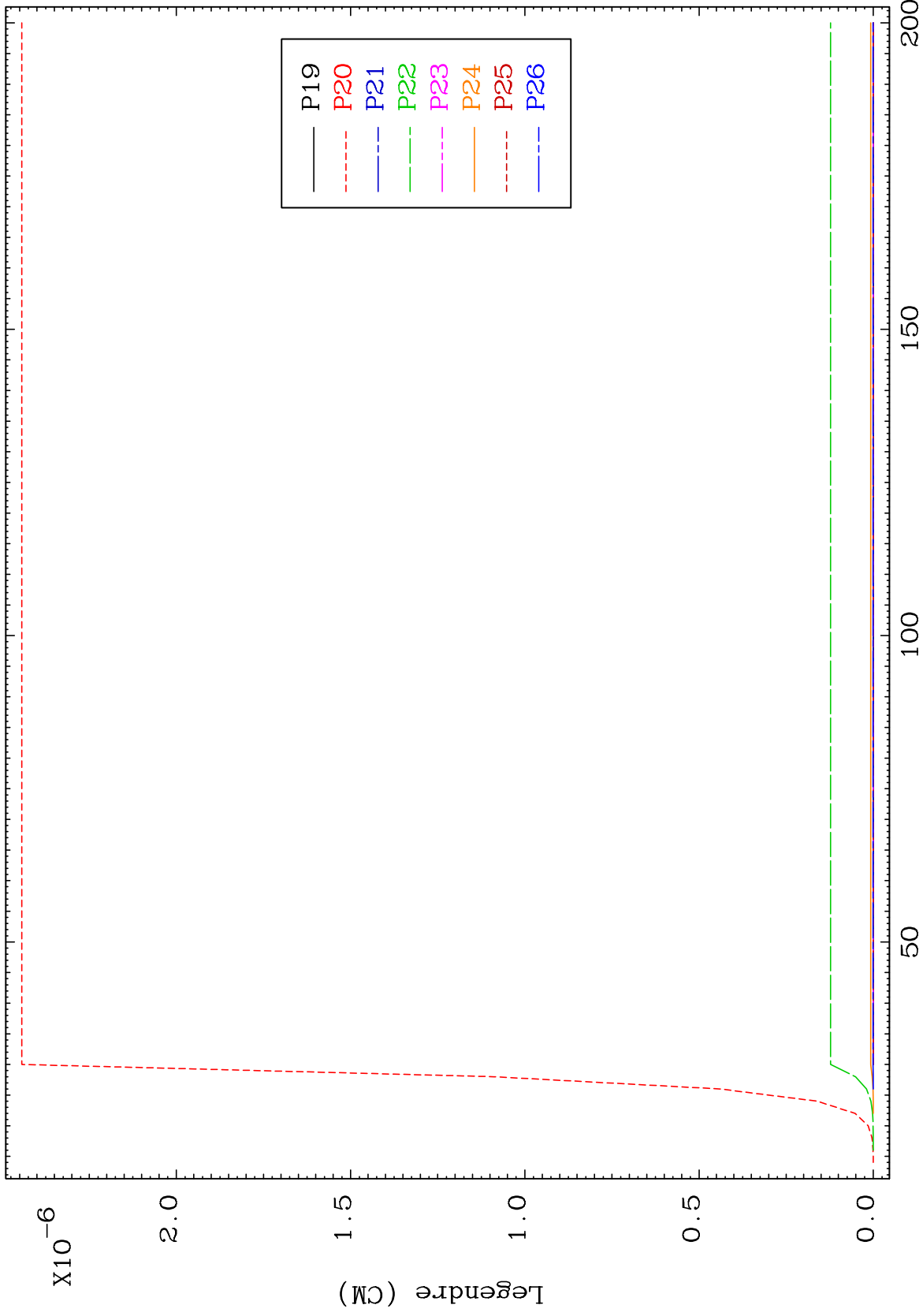
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



108

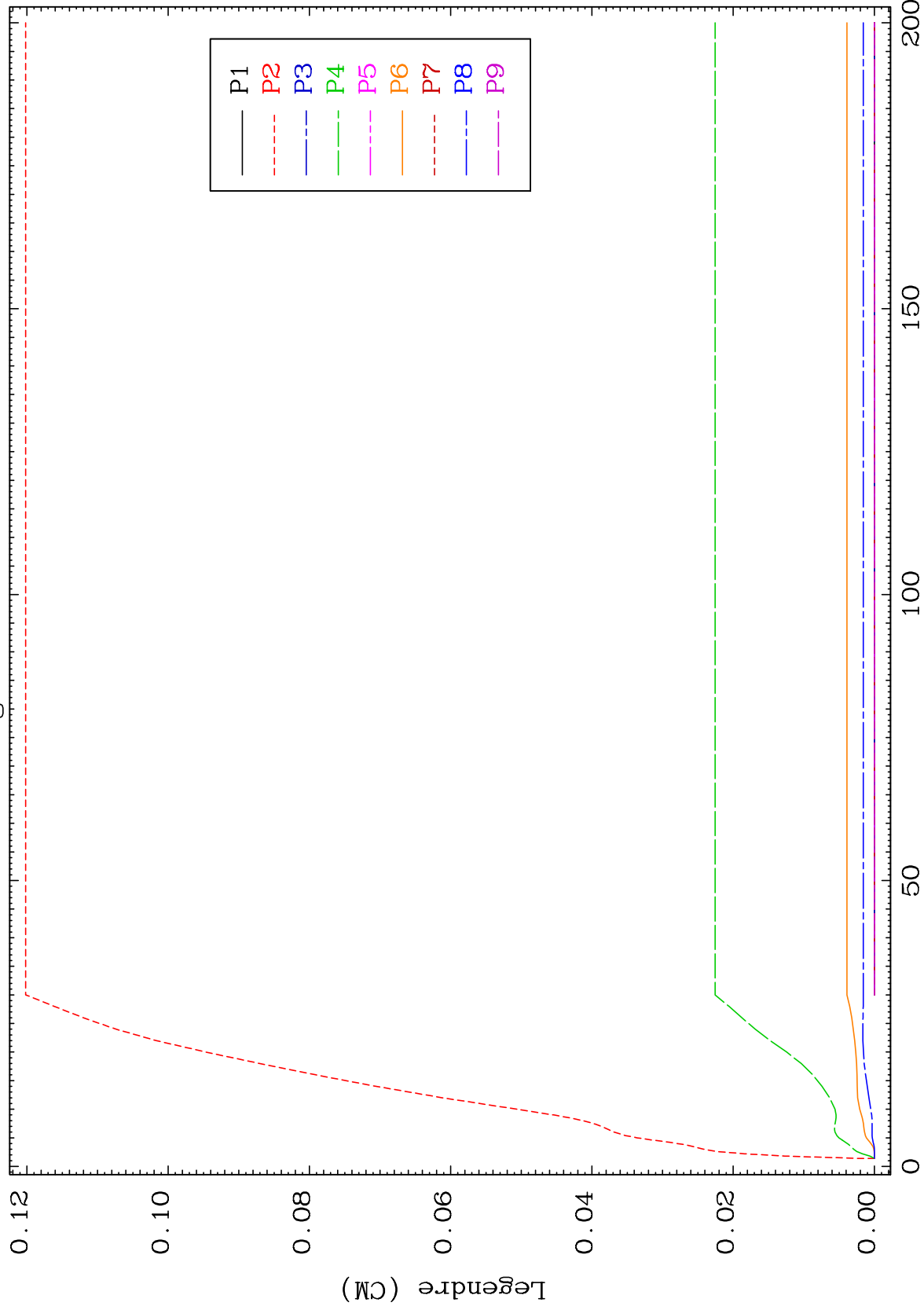
Incident Energy (MeV)

53-I -123

MAT 5313

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

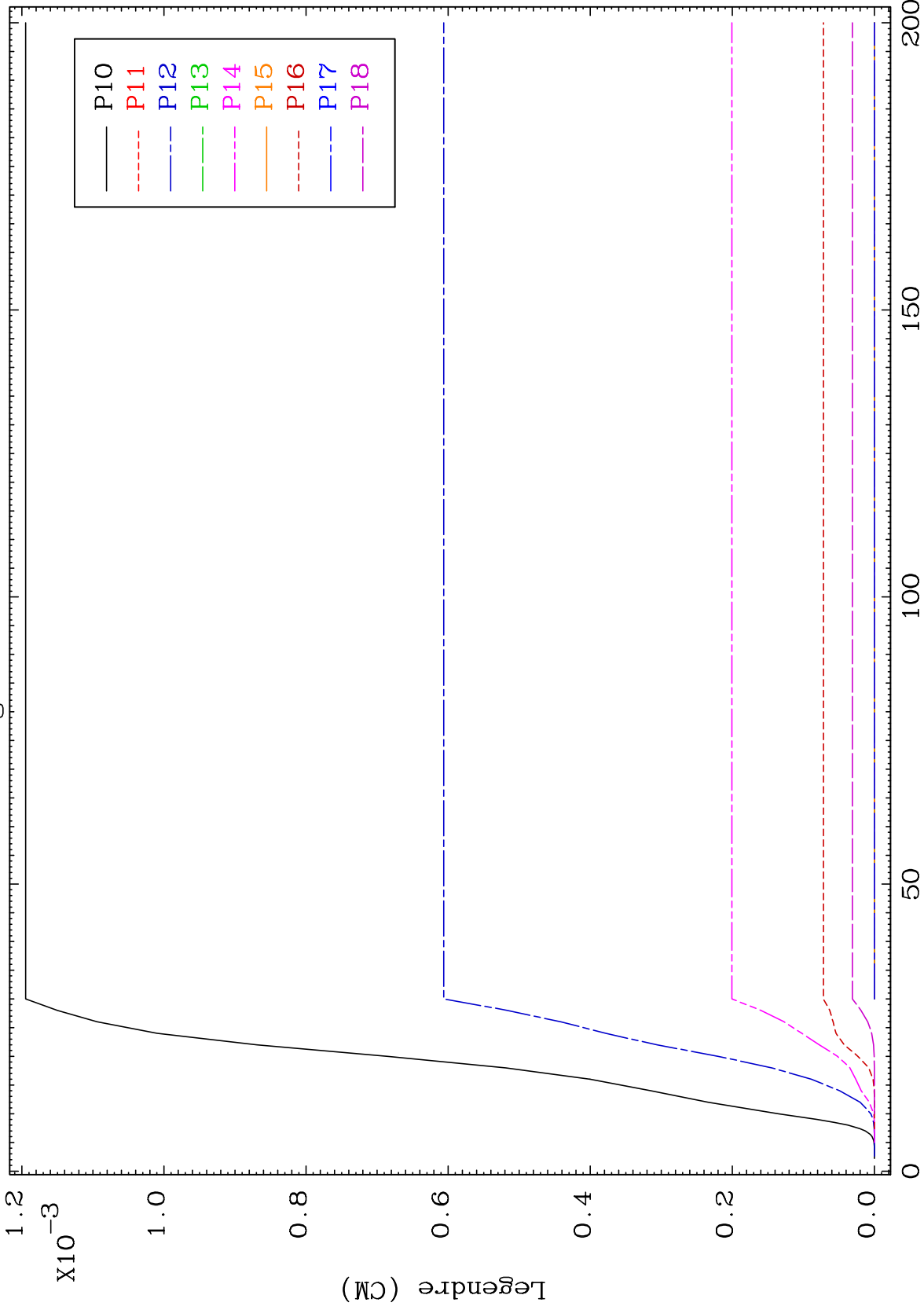
53-I -123



109

Incident Energy (MeV)

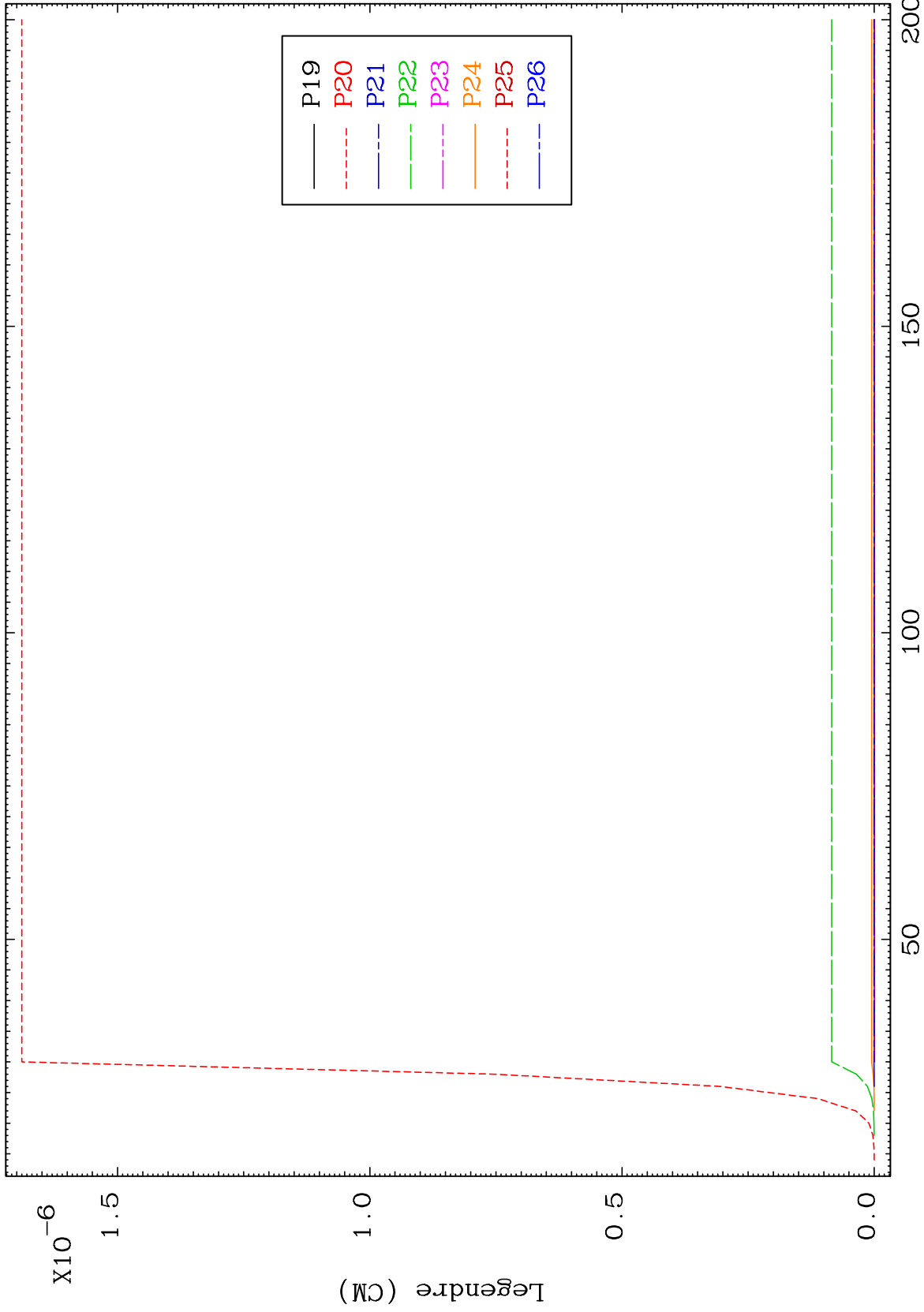
53-I -123



MAT 5313

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

53-I -123



111

Incident Energy (MeV)

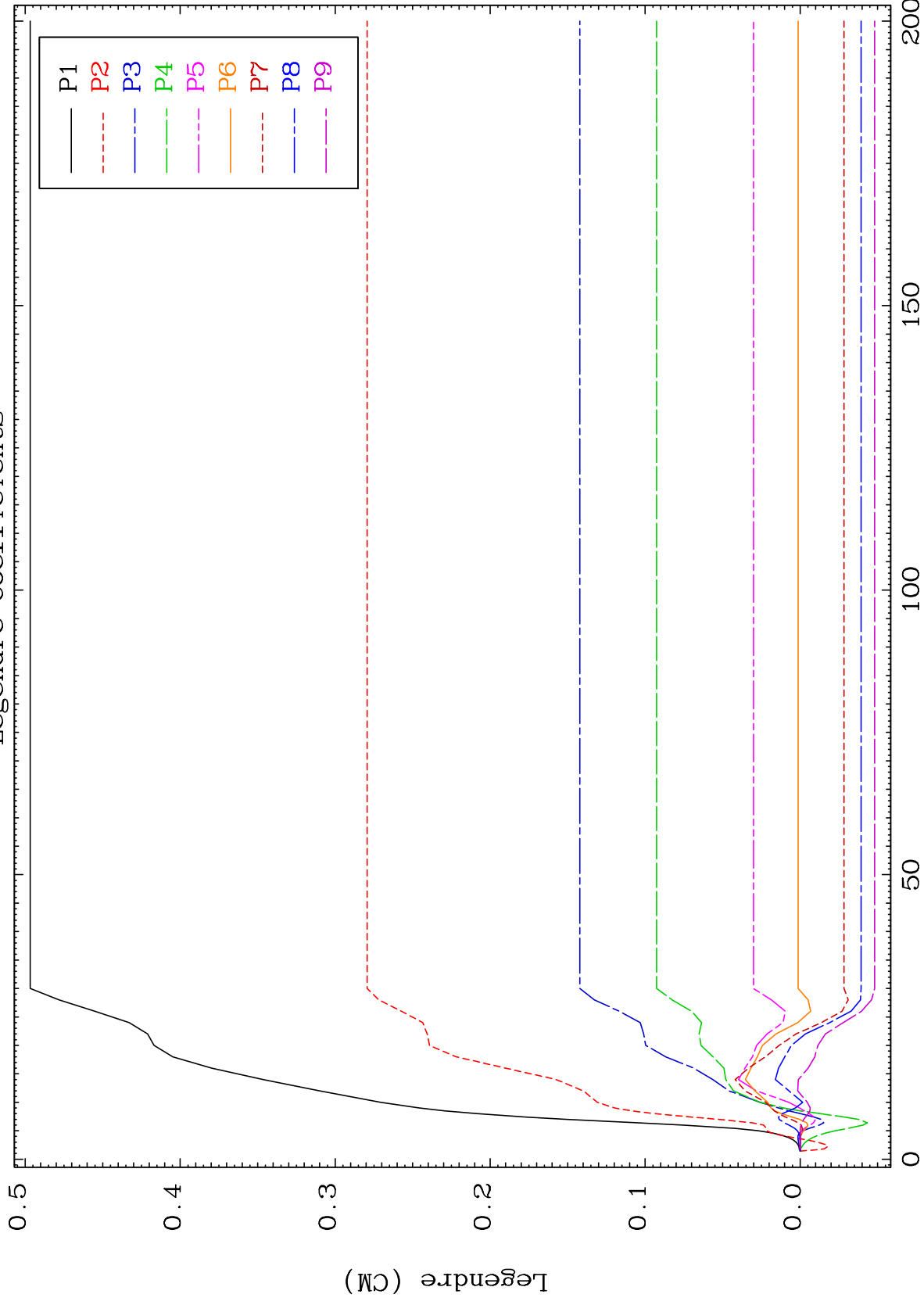
53-I -123

MAT 5313

MT= 76 (n,n') Level

53-I -123

Legendre Coefficients



112

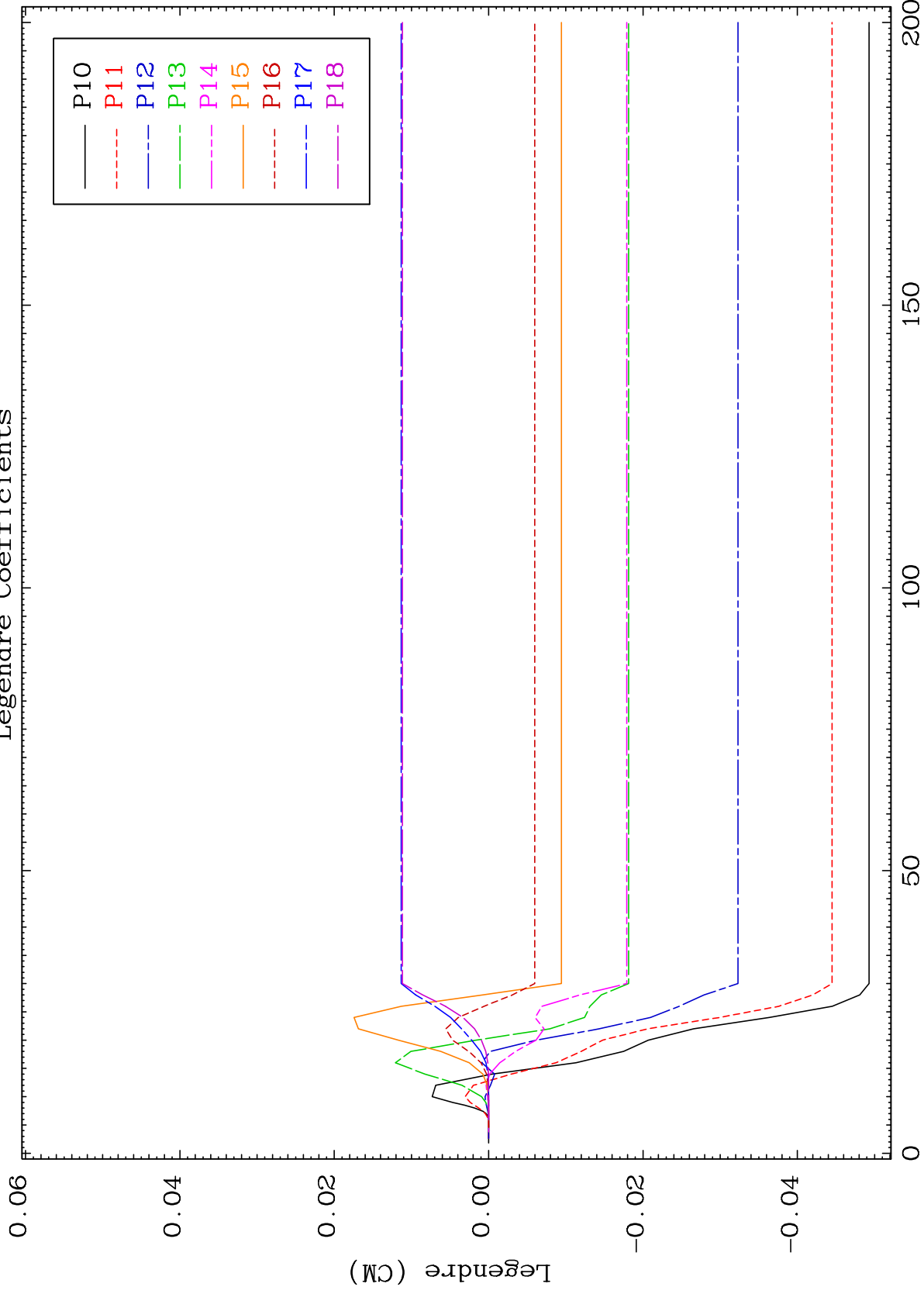
Incident Energy (MeV)

53-I -123

MAT 5313

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

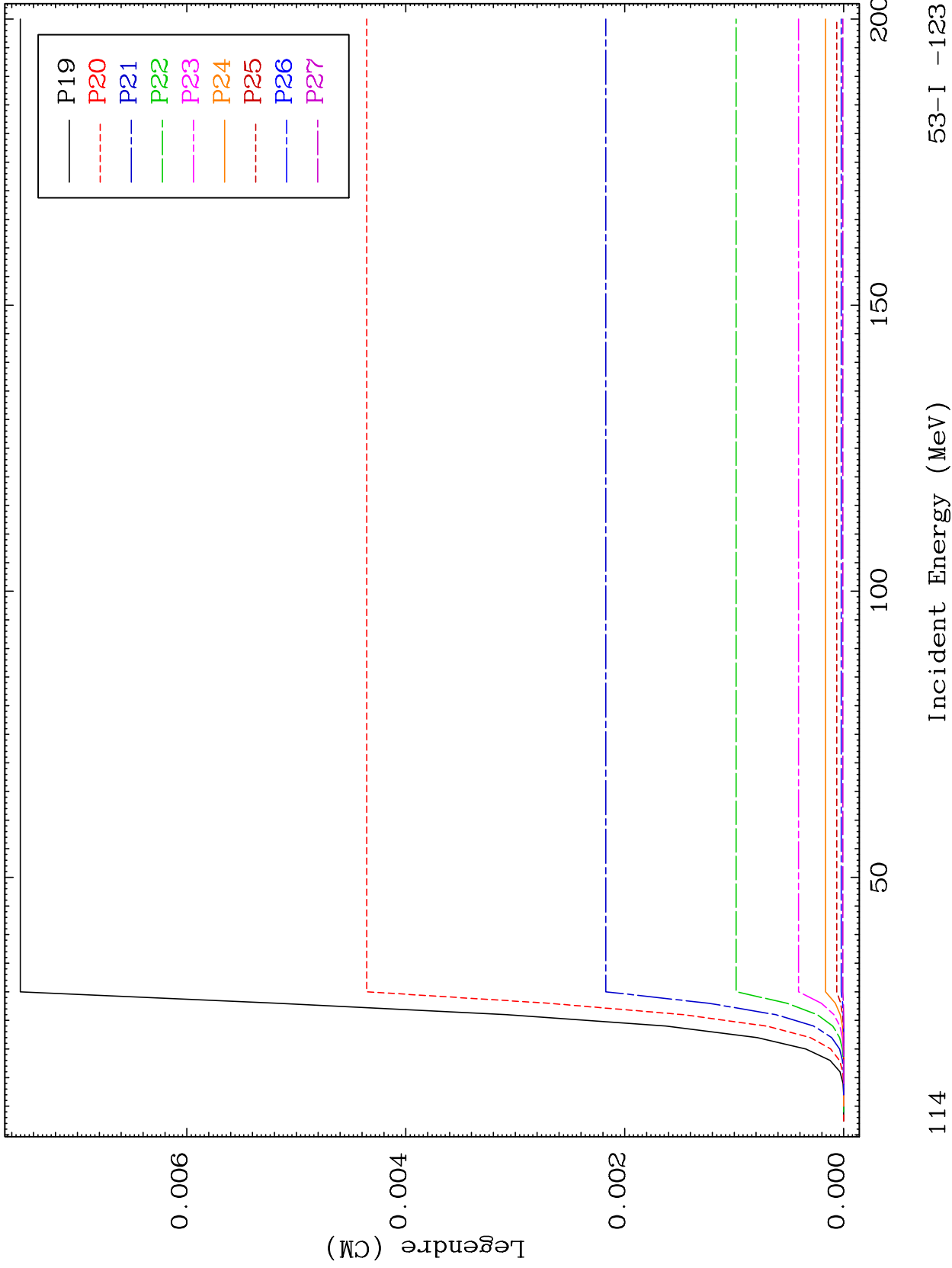
53-I -123



113

Incident Energy (MeV)

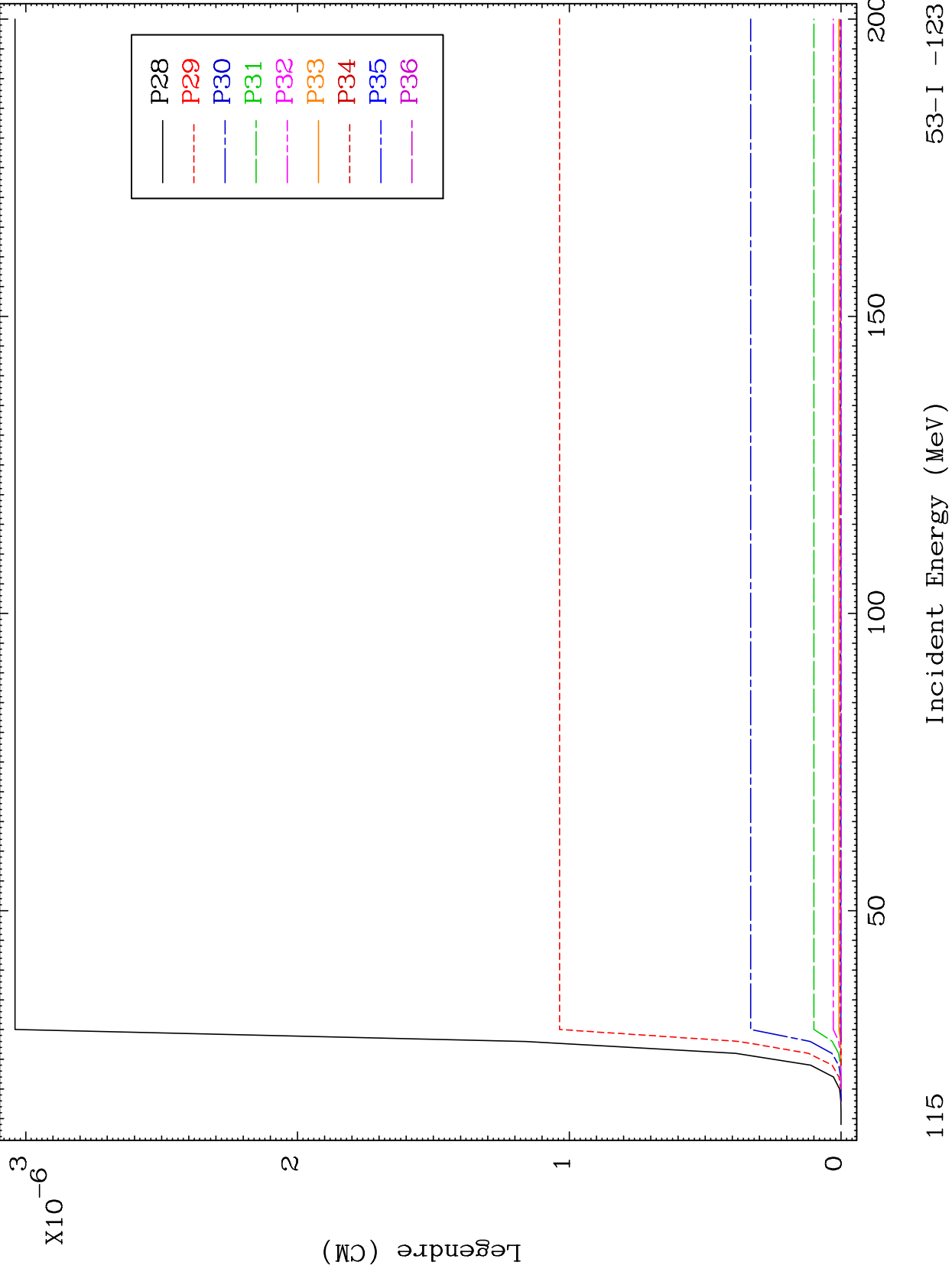
53-I -123

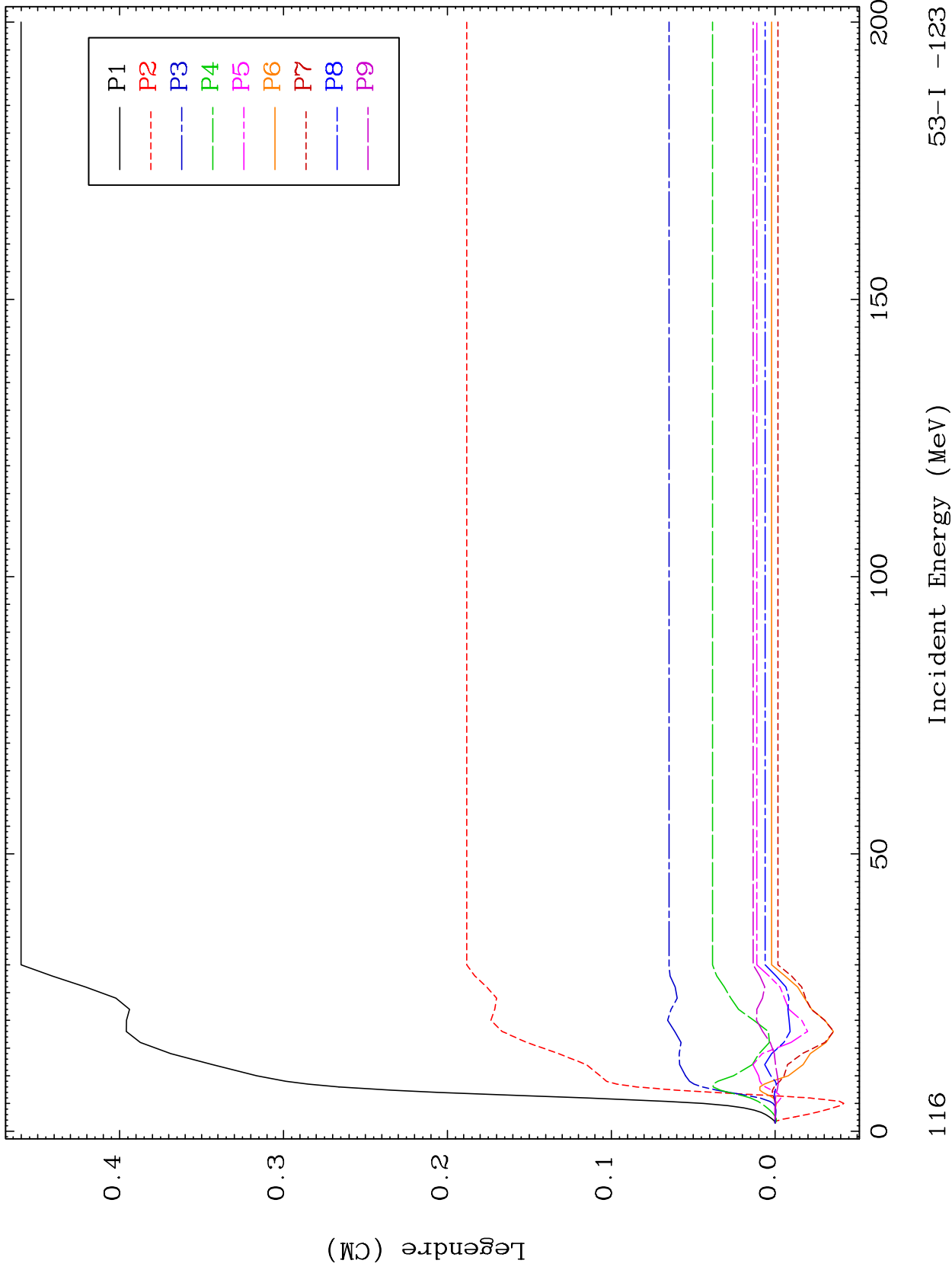


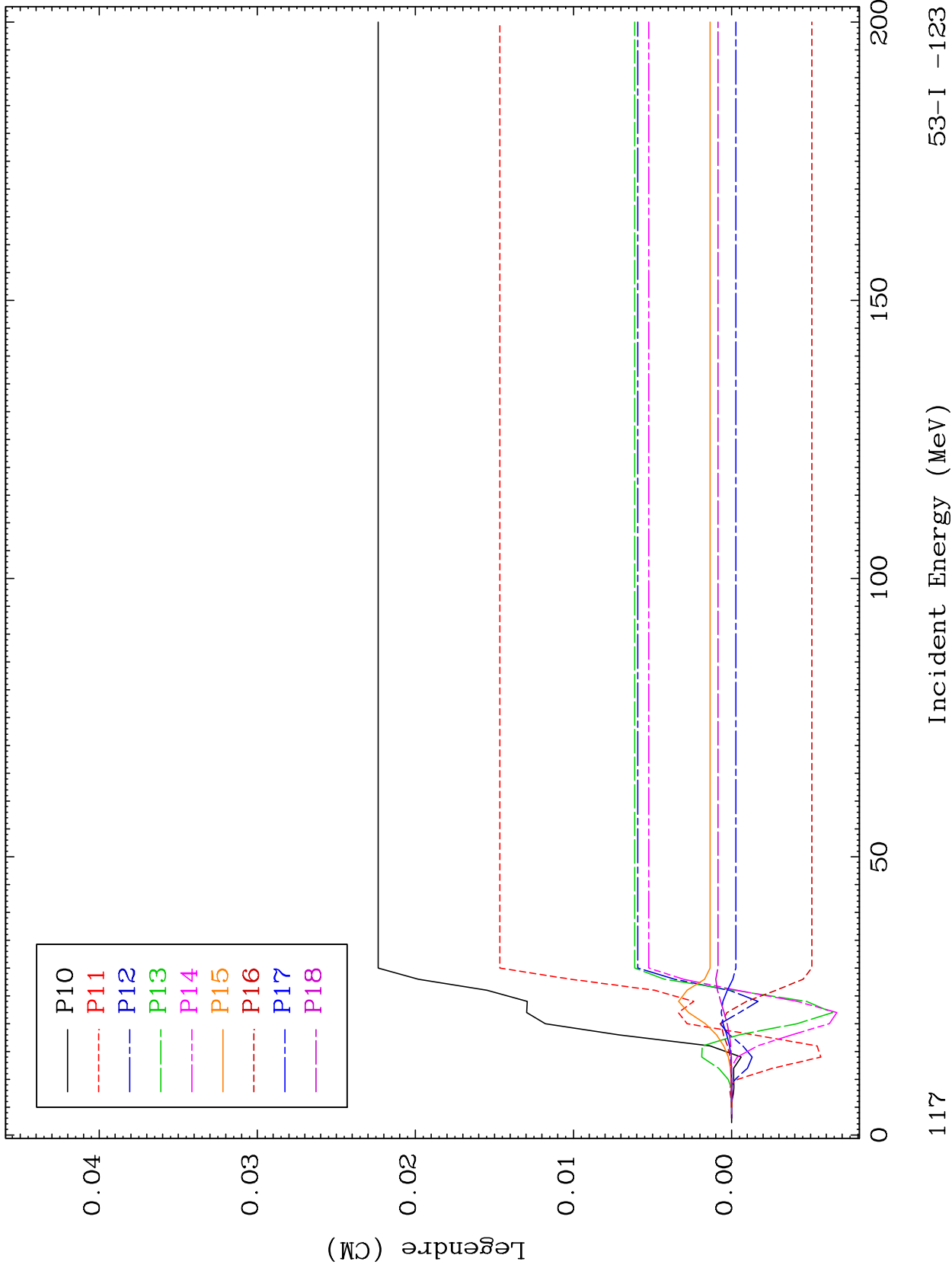
MAT 5313

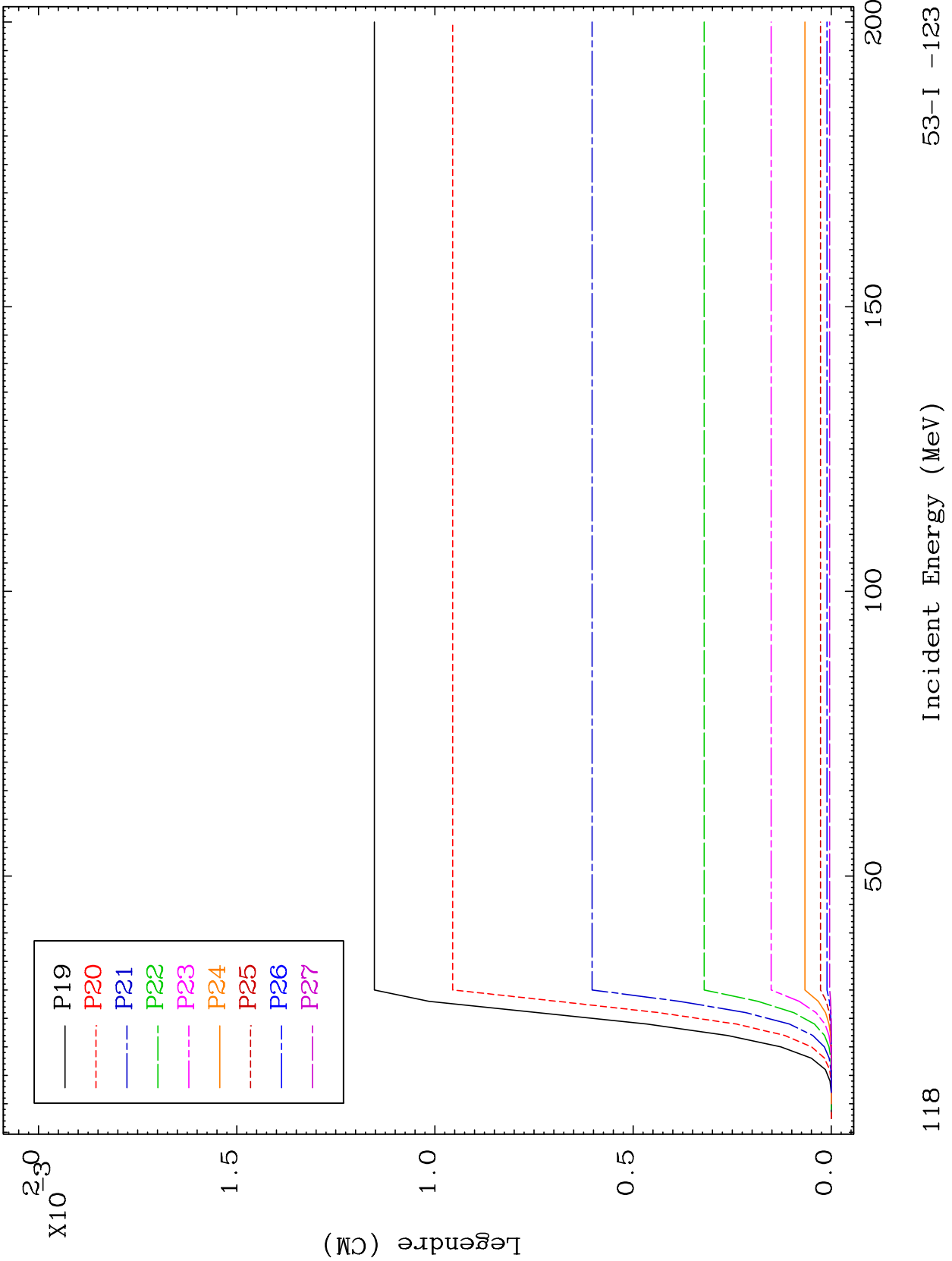
MT= 76 (n,n') Level
Legendre Coefficients

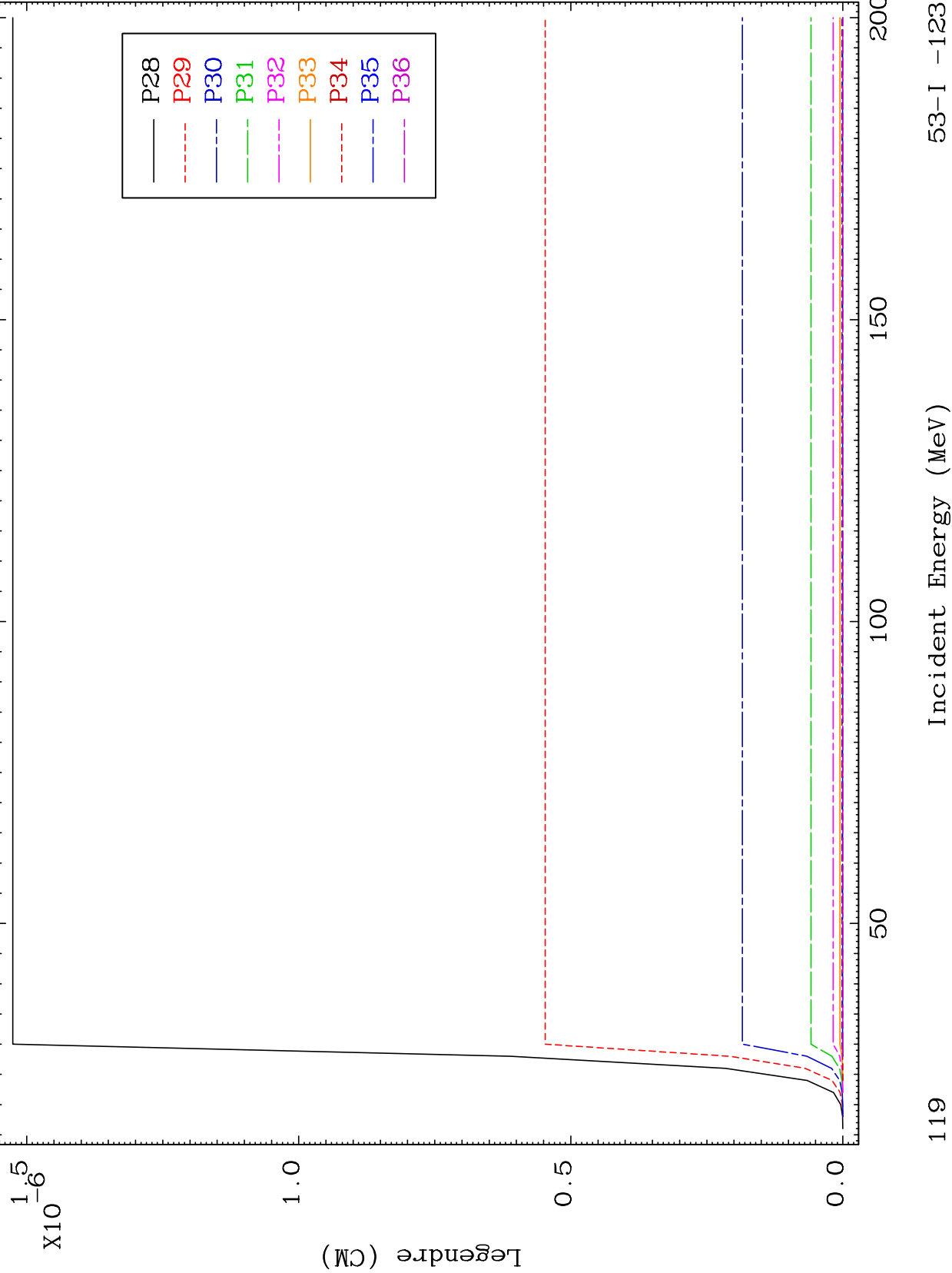
53-I -123







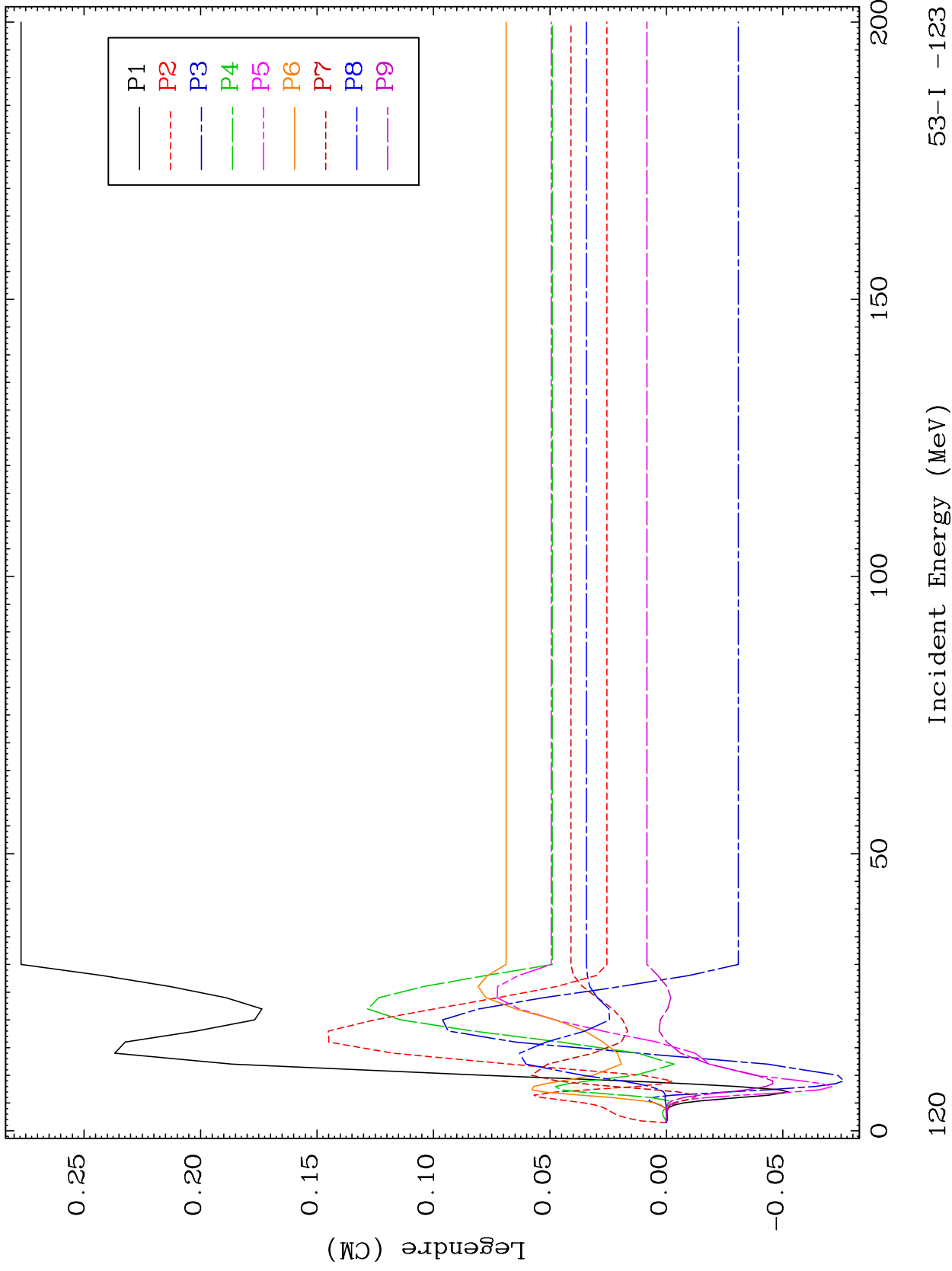




MAT 5313

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

53-I -123



53-I -123

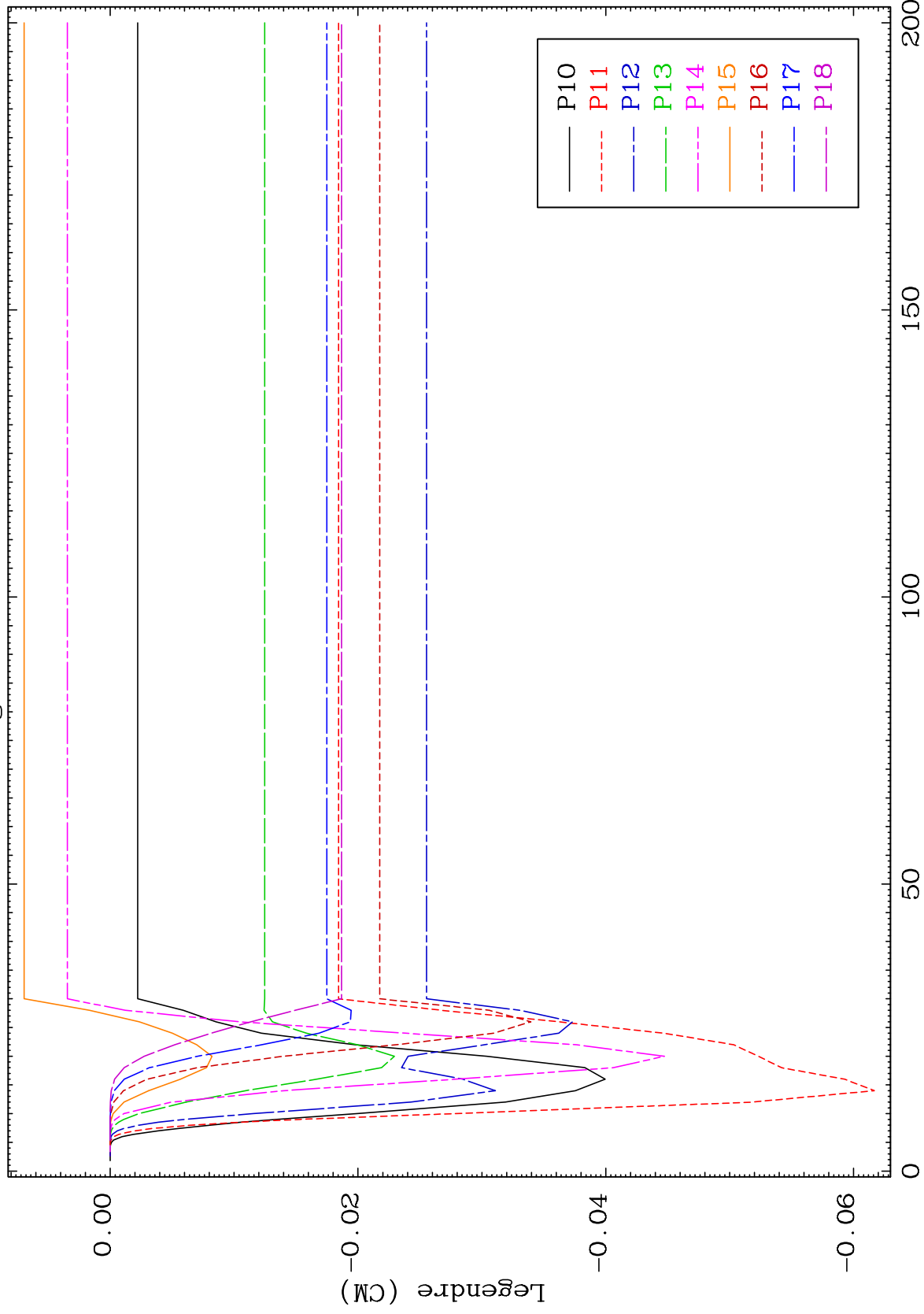
Incident Energy (MeV)

120

MAT 5313

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

53-I -123



121

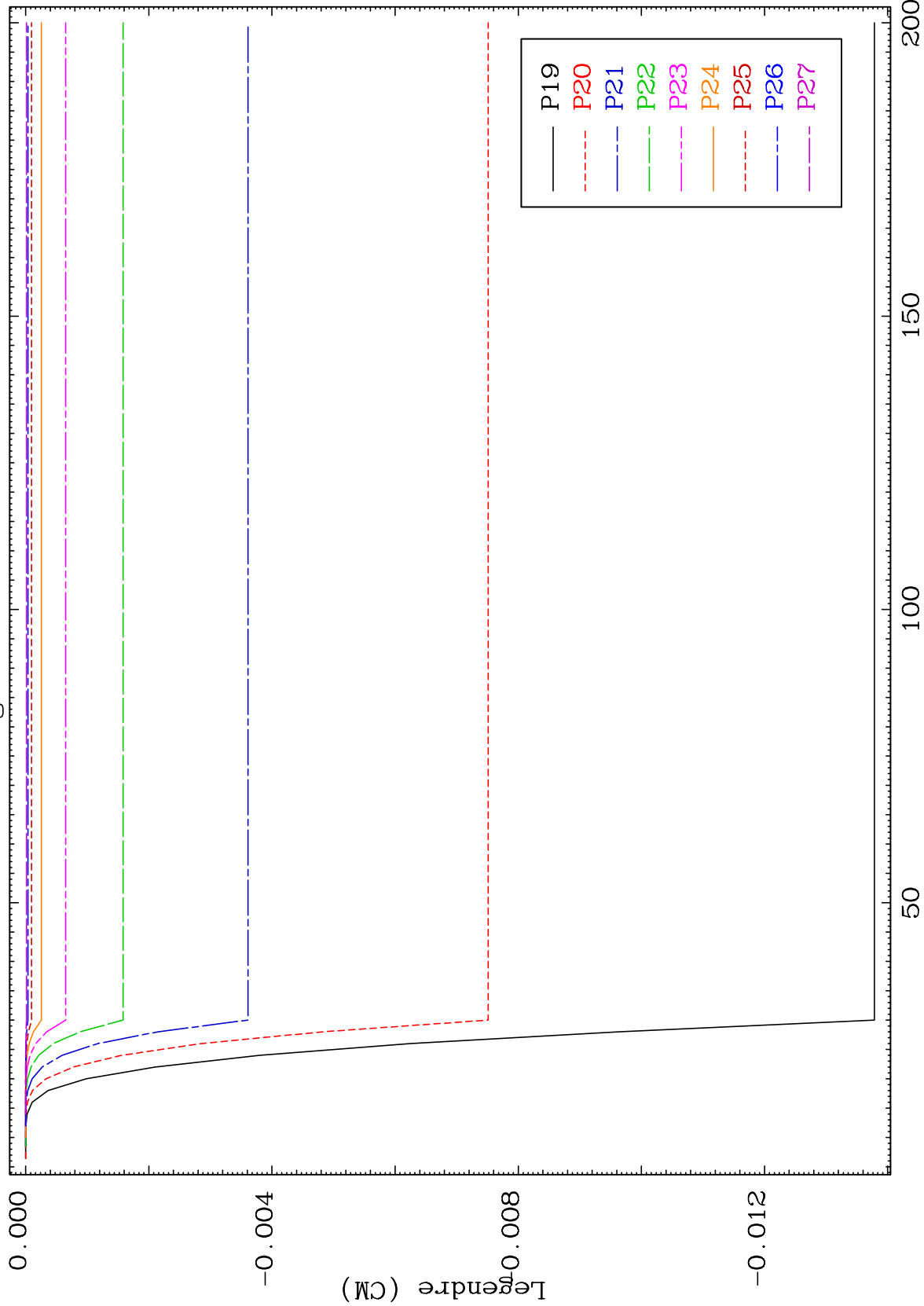
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



122

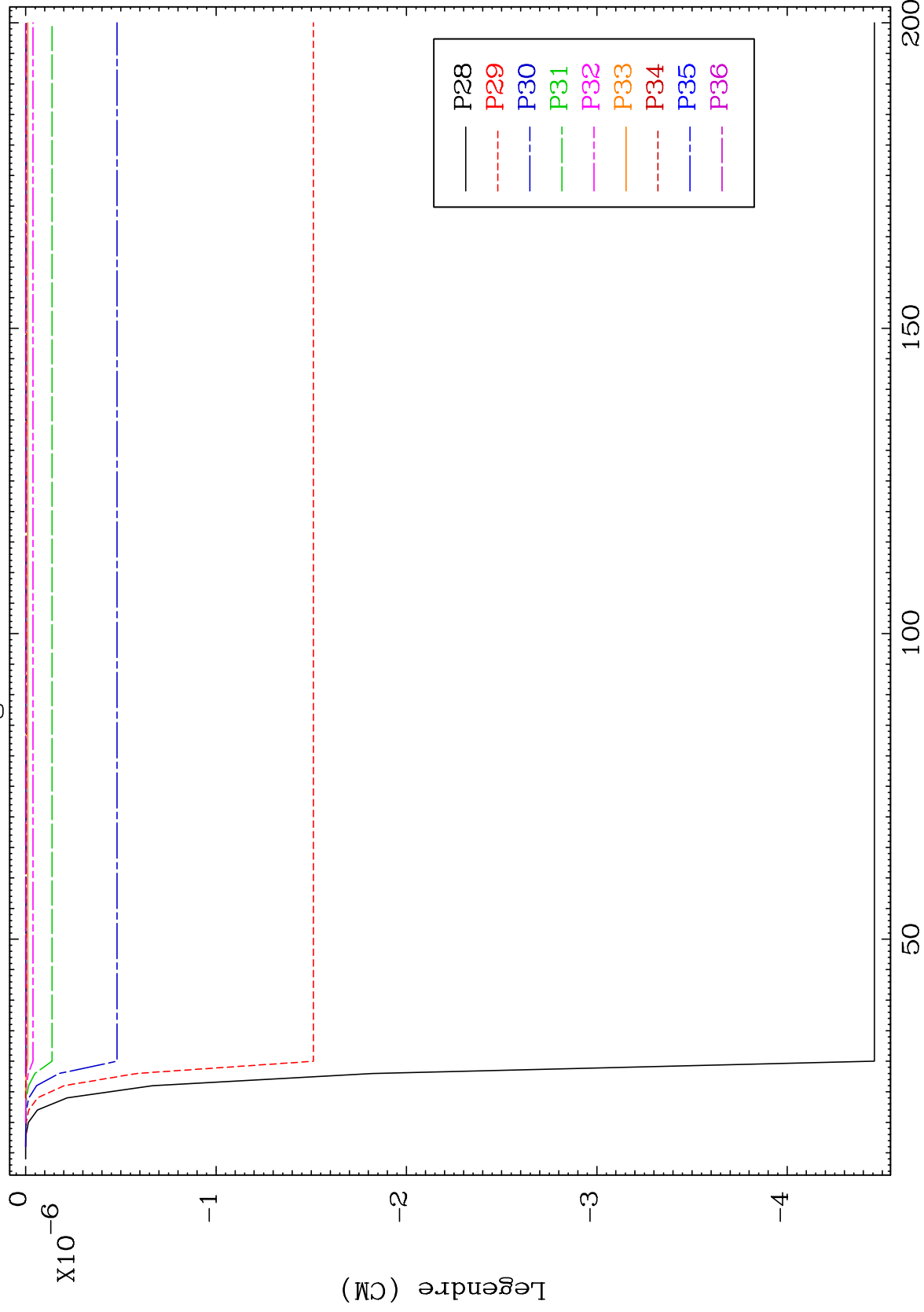
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



123

Incident Energy (MeV)

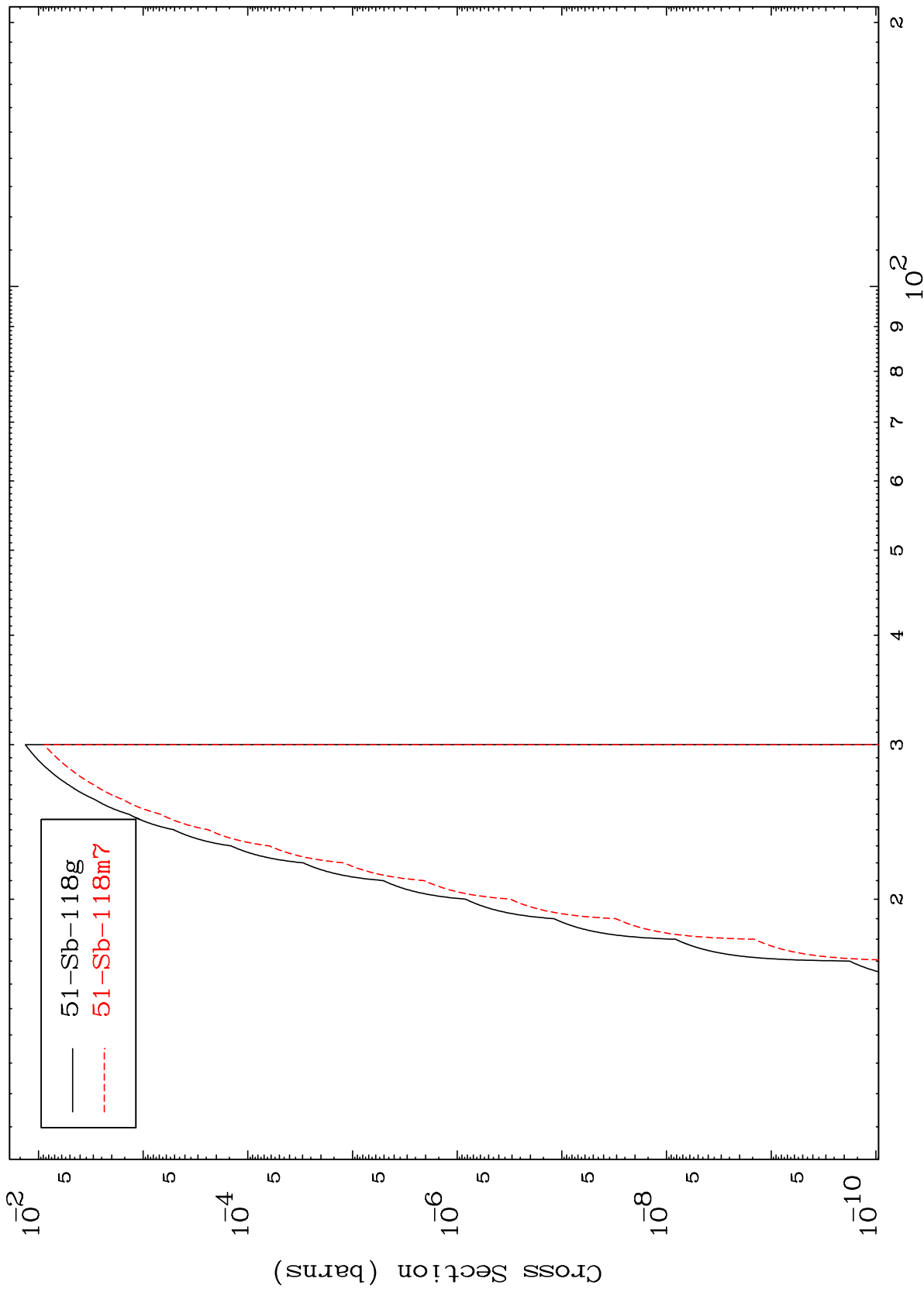
53-I -123

MAT 5313

(n,2n) α

53-I -123

Radionuclide Production Cross Section



124

Incident Energy (MeV)

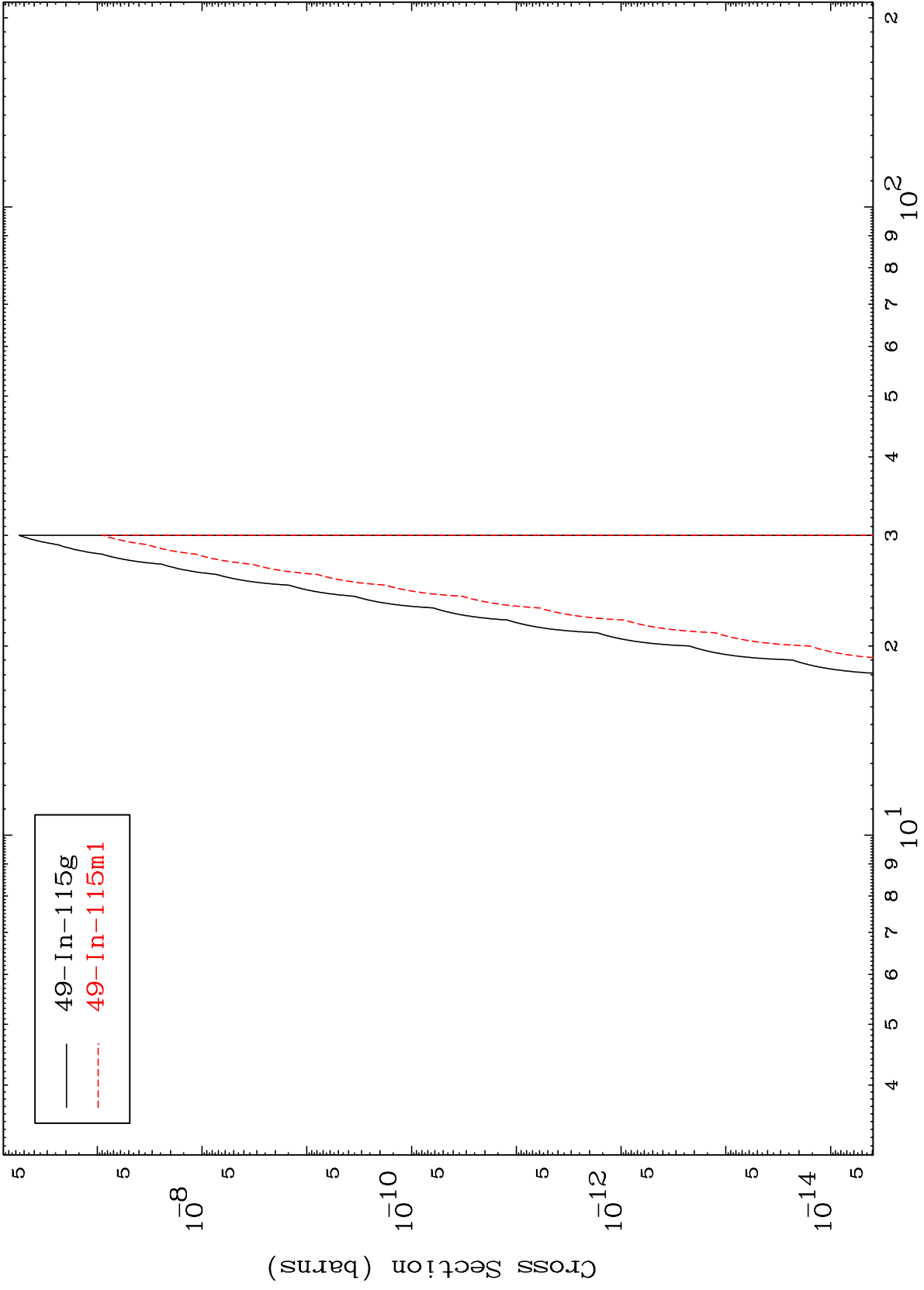
53-I -123

MAT 5313

(n,n') 2α

53-I -123

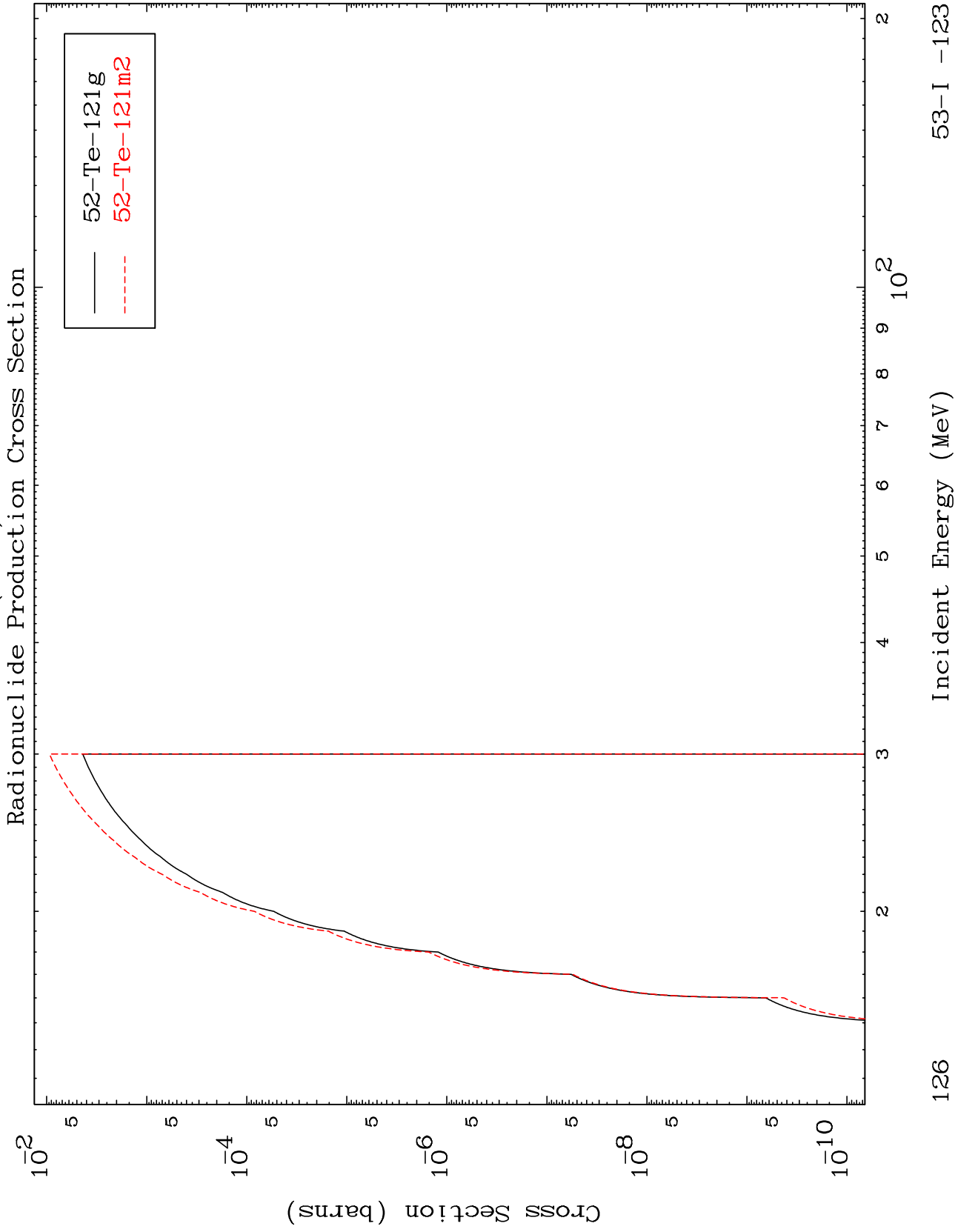
Radionuclide Production Cross Section

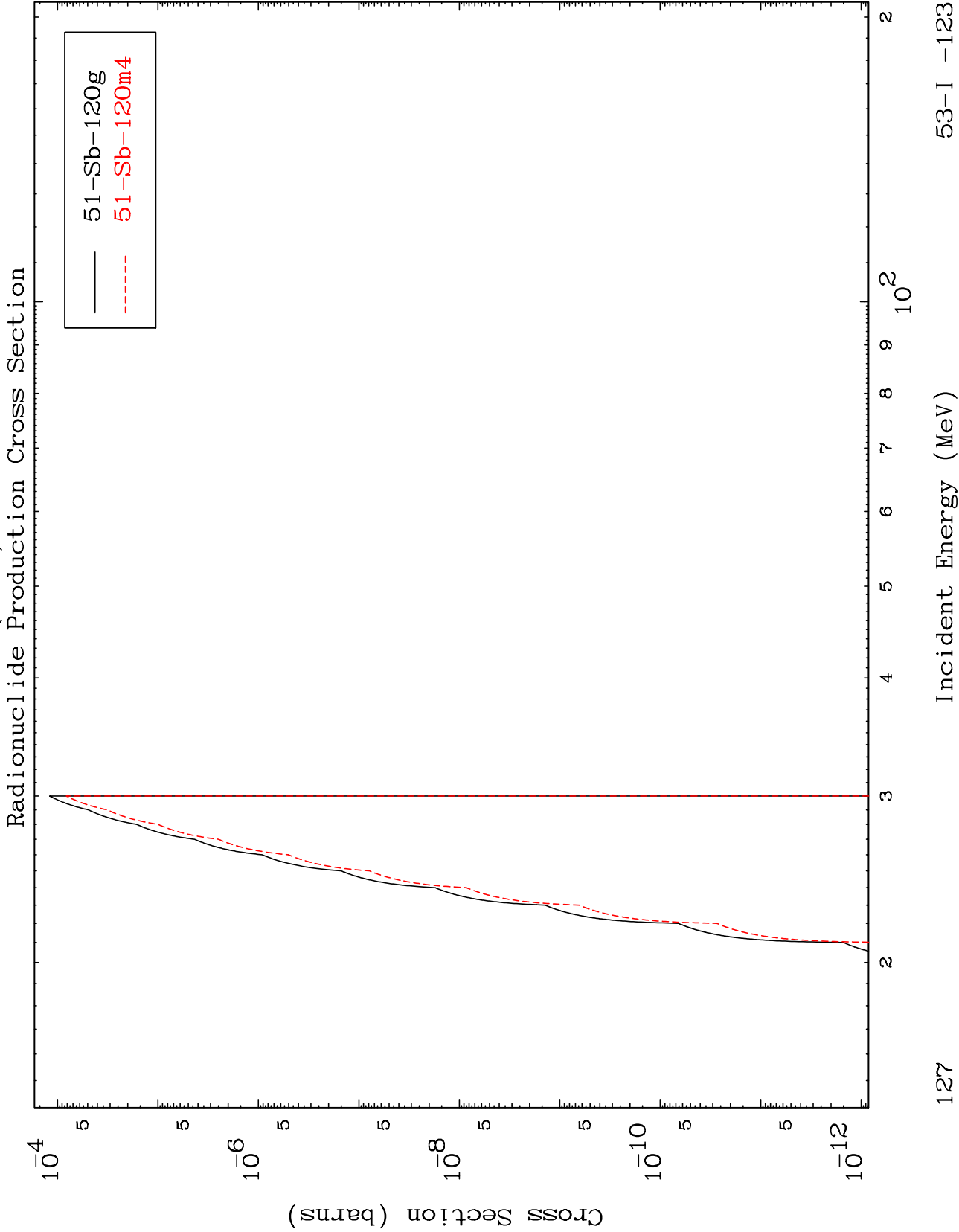


125

Incident Energy (MeV)

53-I -123



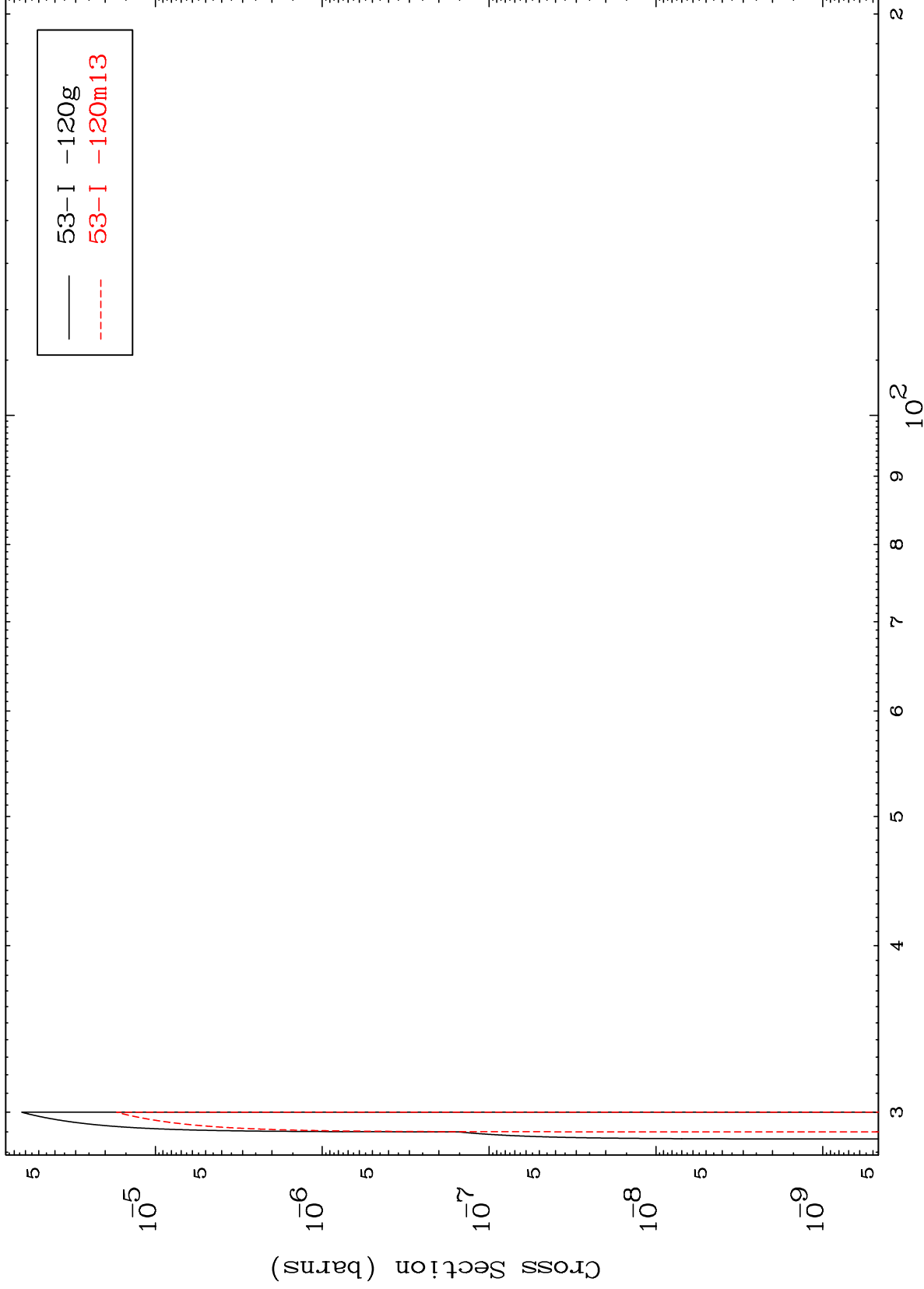


MAT 5313

(n,4n)

53-I -123

Radionuclide Production Cross Section

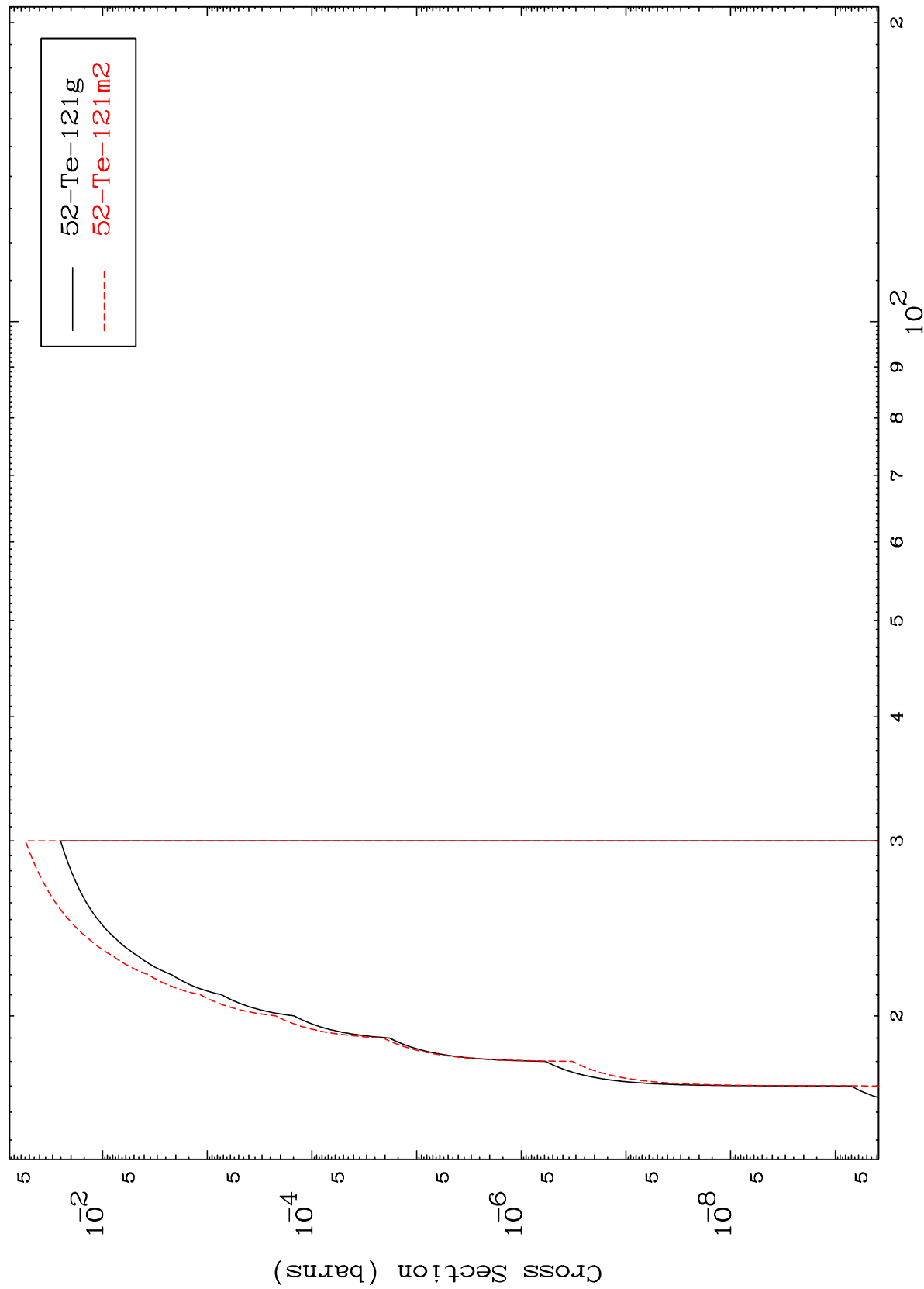


128

Incident Energy (MeV)

53-I -123

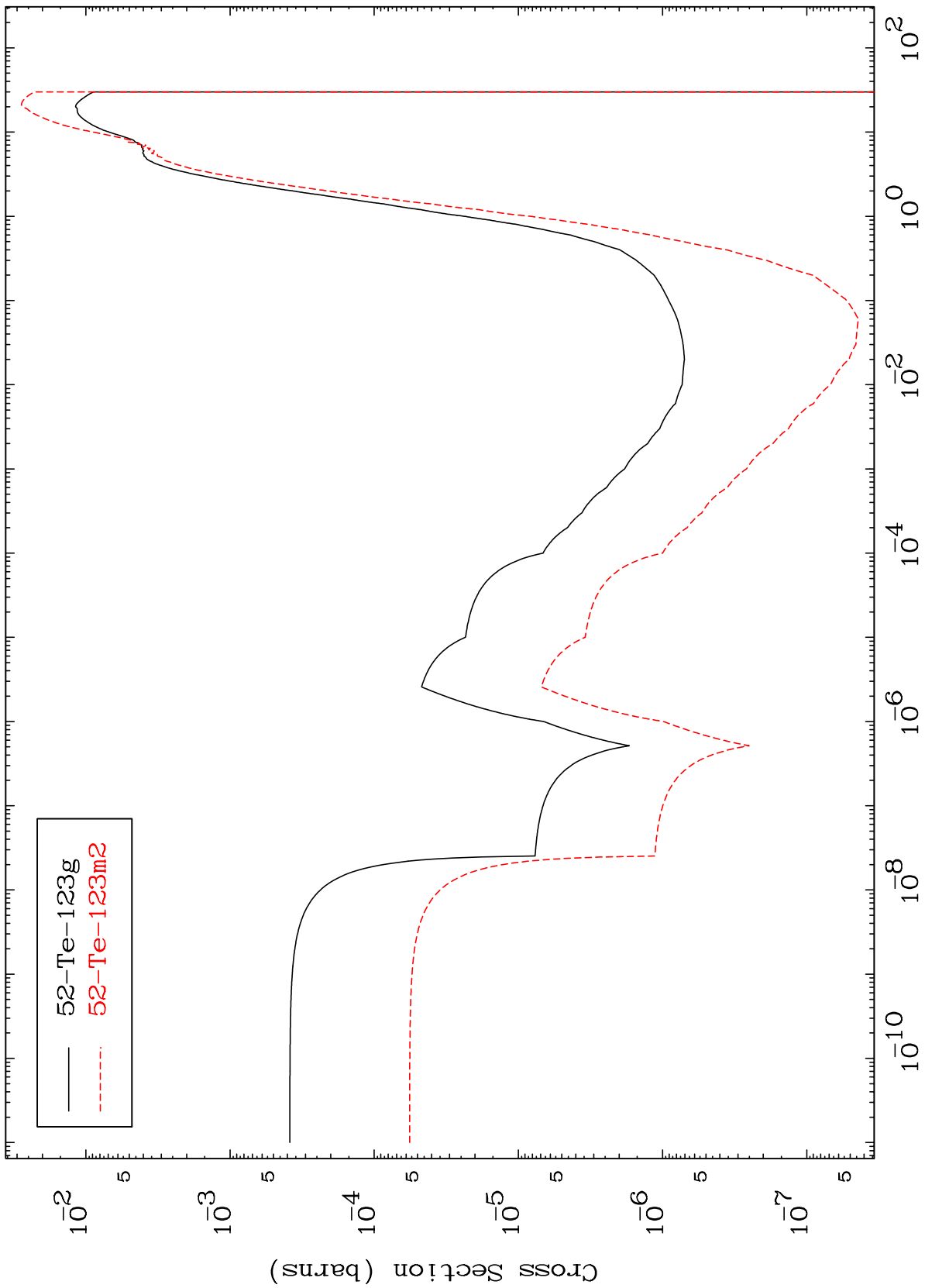
Radionuclide Production Cross Section



MAT 5313

53-I -123

(n,p)
Radionuclide Production Cross Section



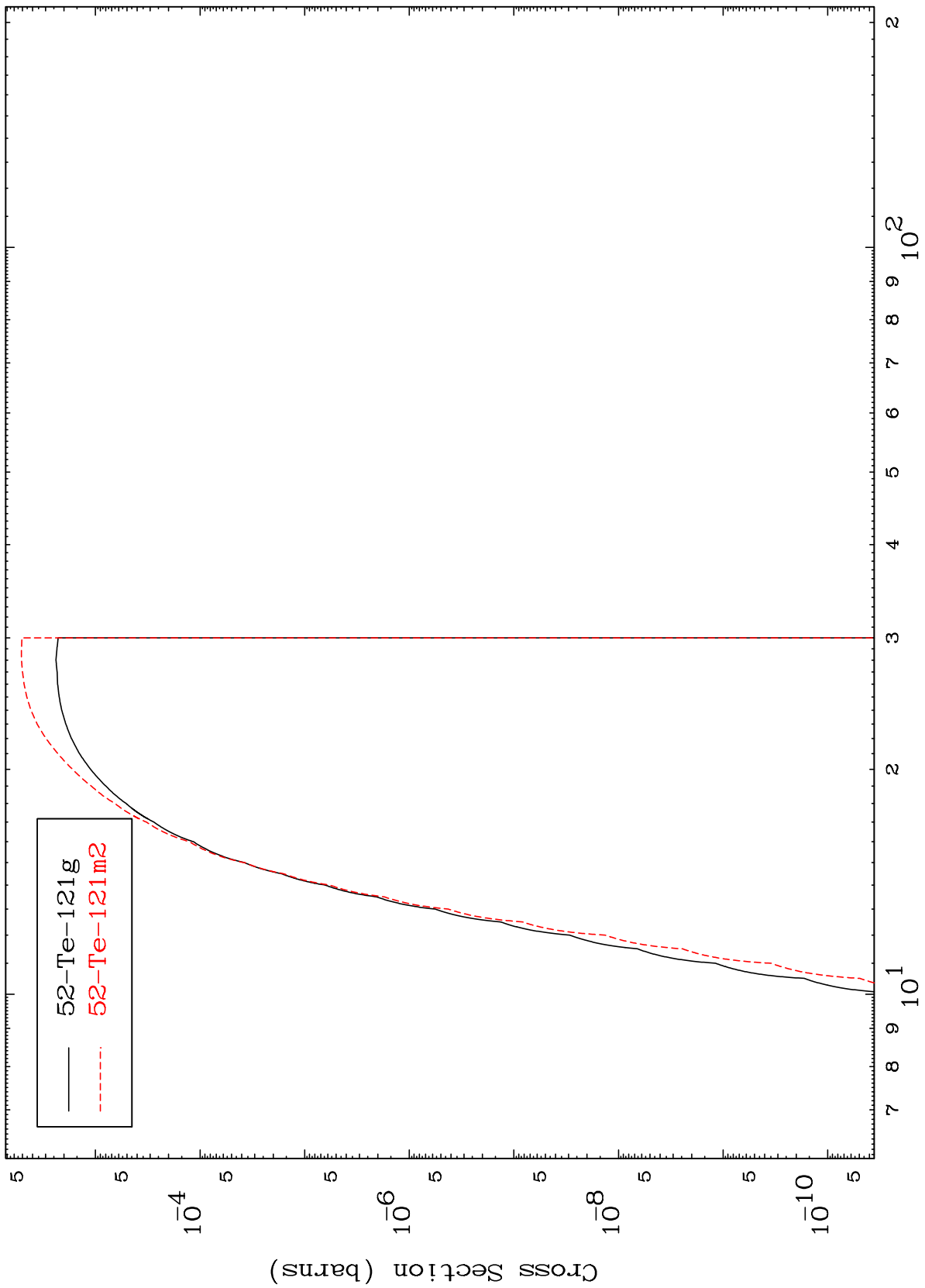
— 52-Te-123g
- - - 52-Te-123m2

53-I -123

Incident Energy (MeV)

130

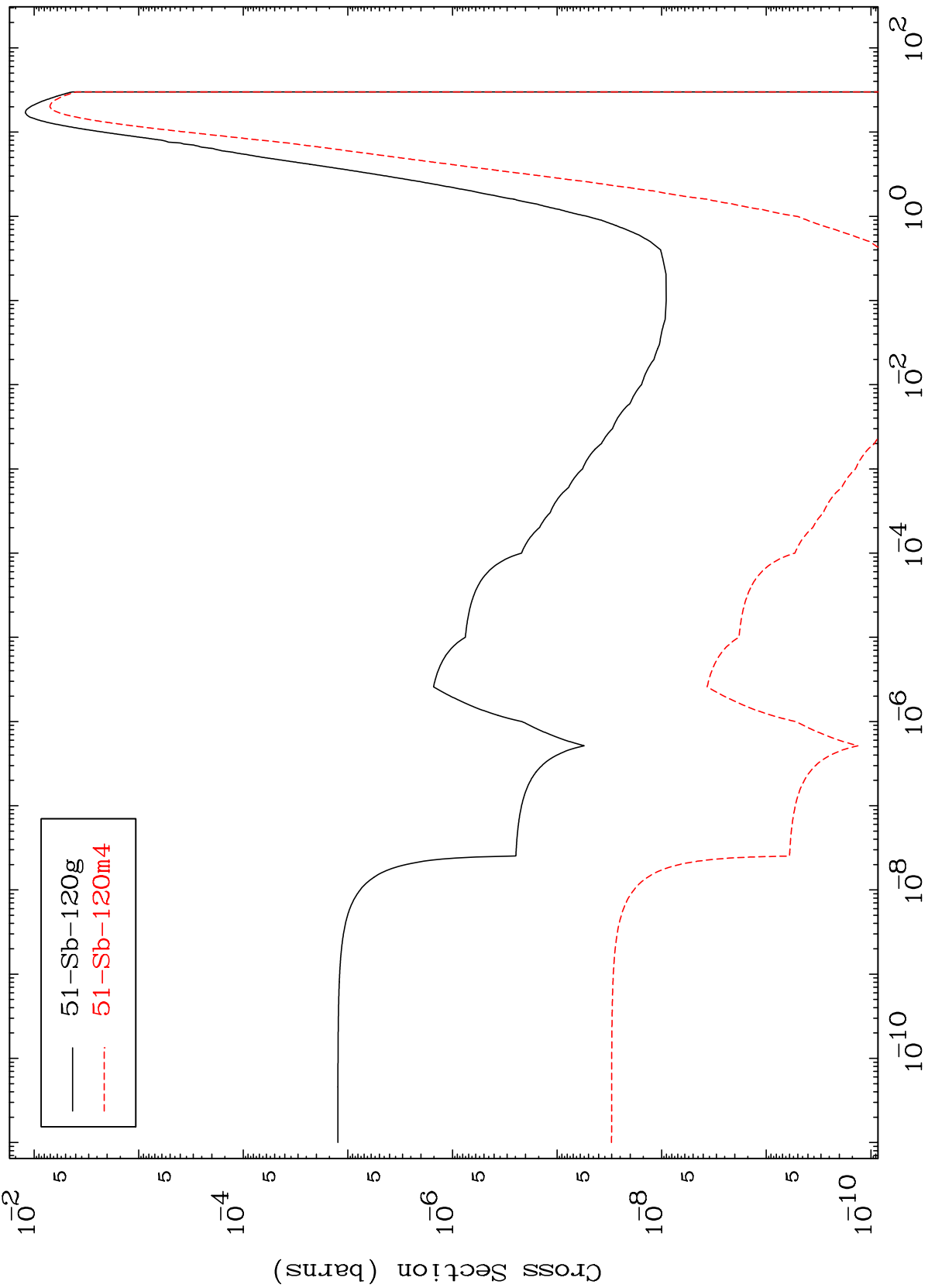
(n,t)
Radionuclide Production Cross Section



MAT 5313

53-I -123

Radionuclide Production Cross Section



132

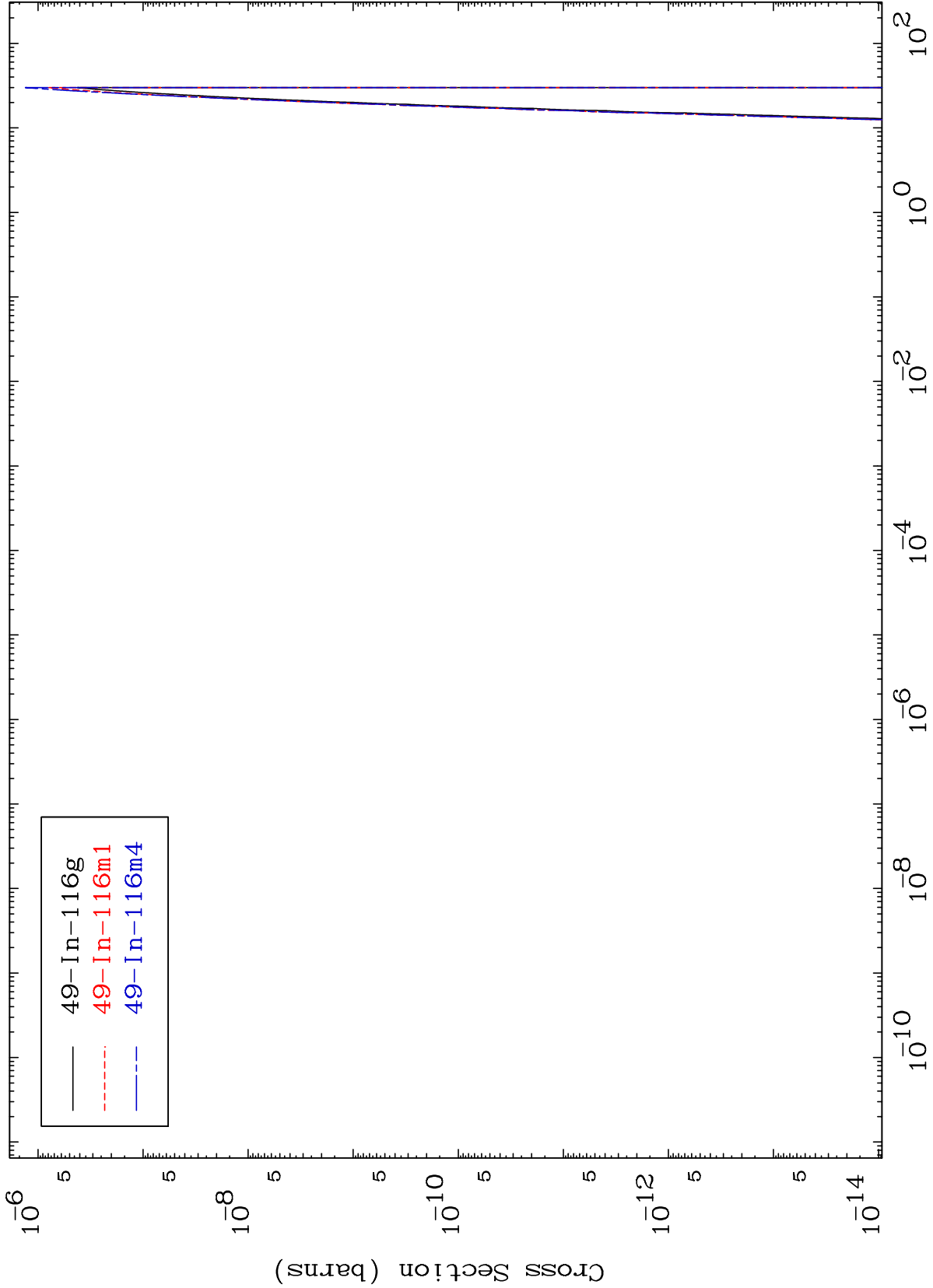
53-I -123

MAT 5313

(n,2α)

53-I -123

Radionuclide Production Cross Section

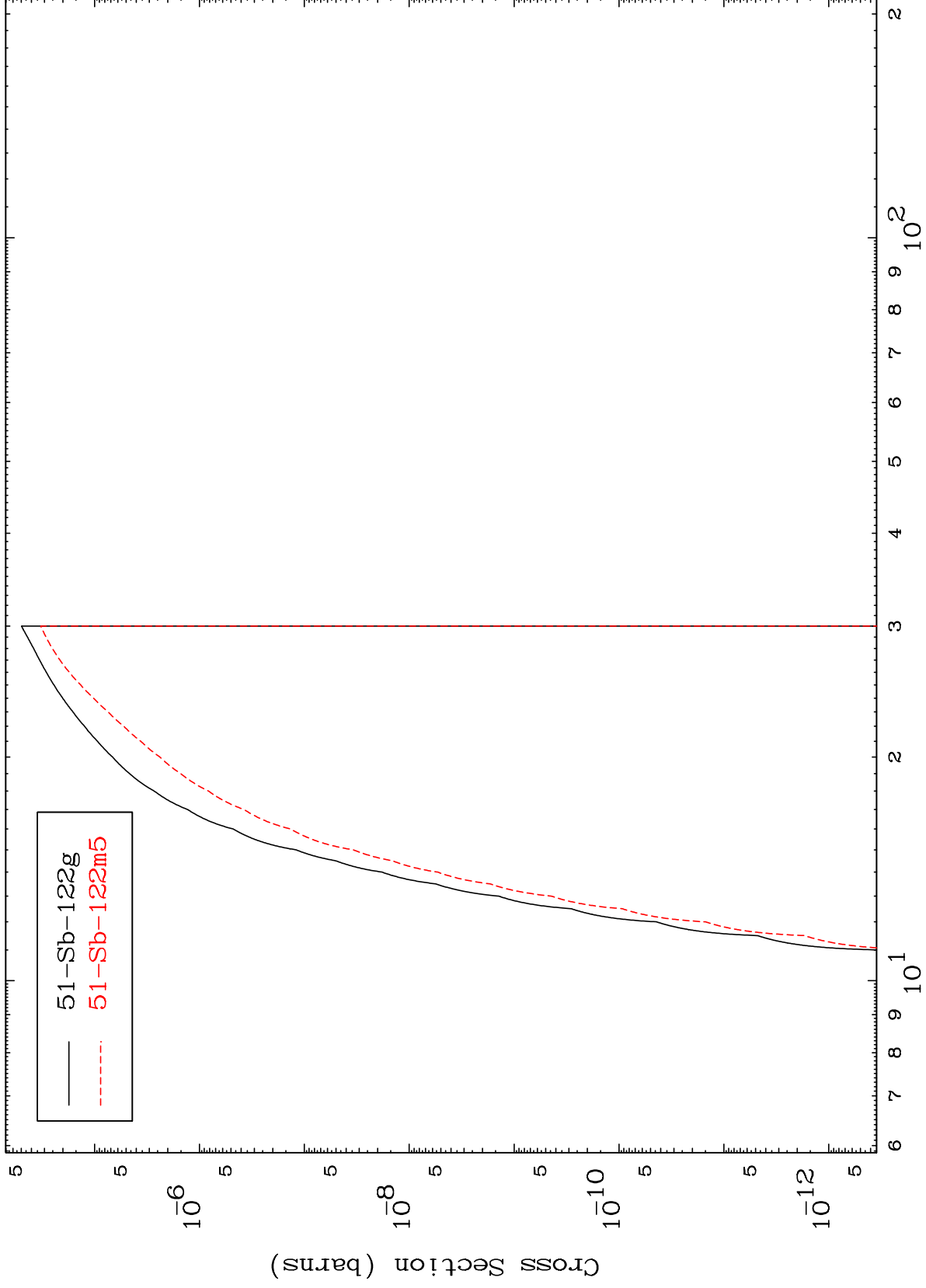


49-In-116g
49-In-116m1
49-In-116m4

MAT 5313

53-I -123

(n,2p)
Radionuclide Production Cross Section



134

Incident Energy (MeV)

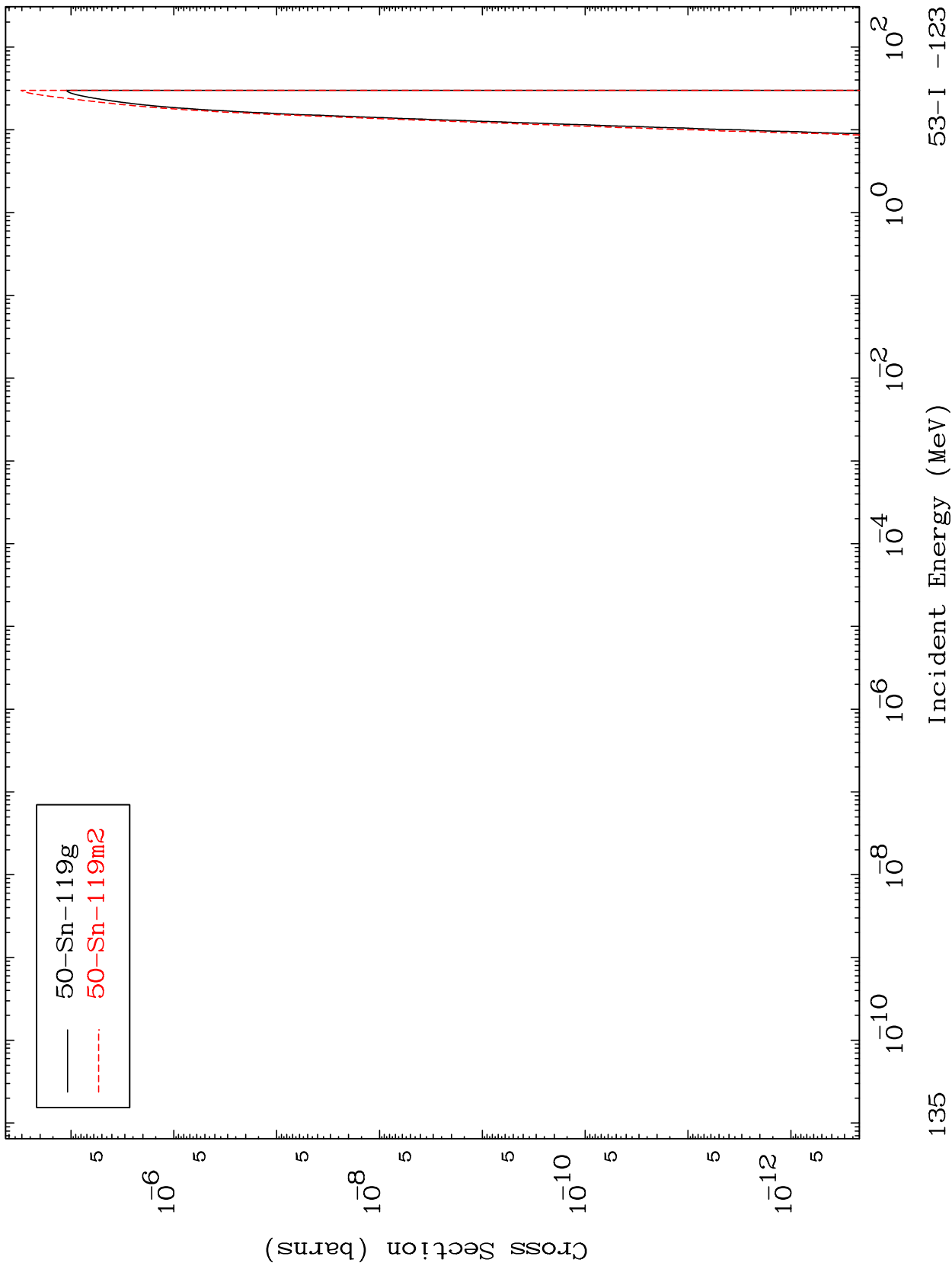
53-I -123

MAT 5313

(n,p) α

53-I -123

Radionuclide Production Cross Section



Radionuclide Production Cross Section

