

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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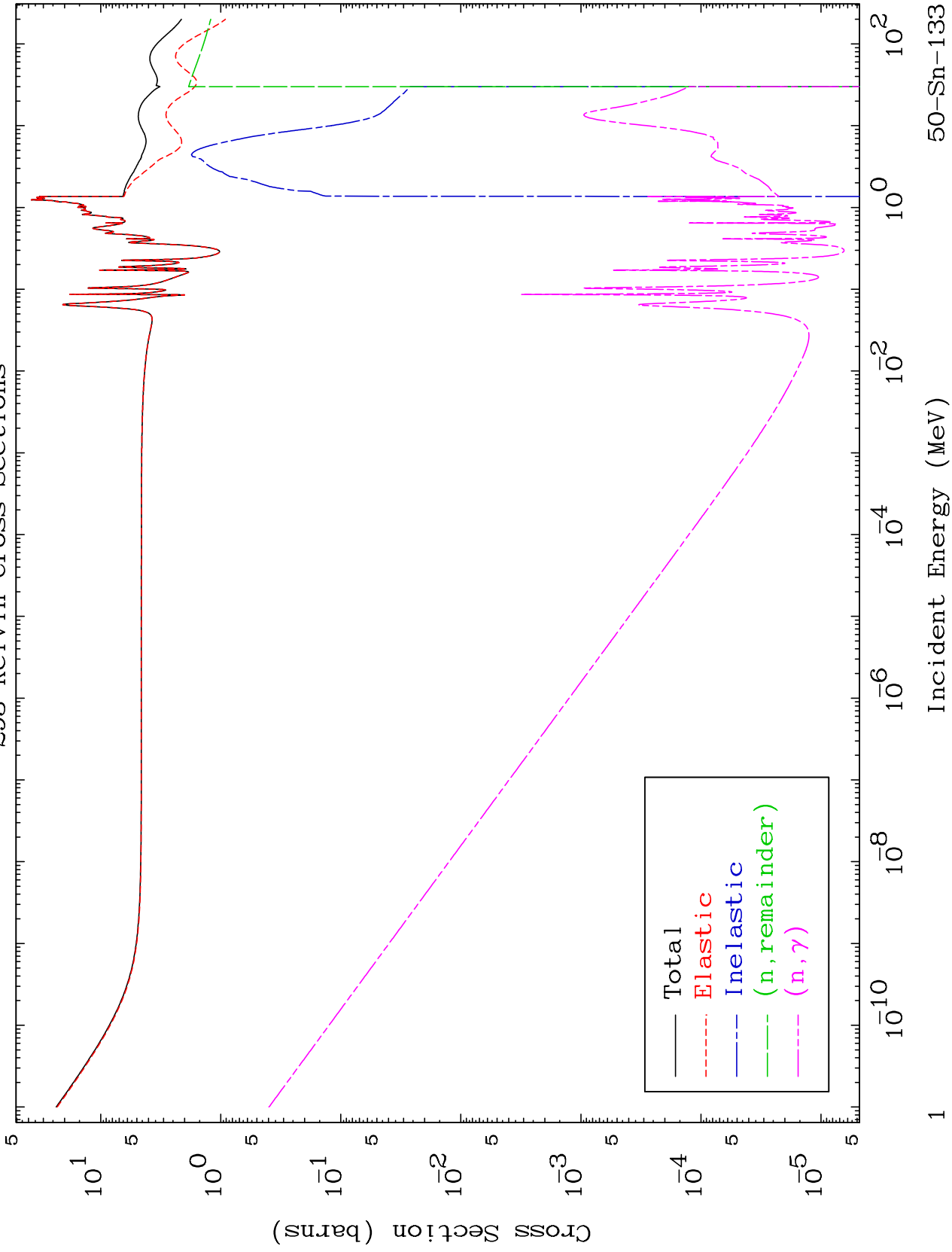
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

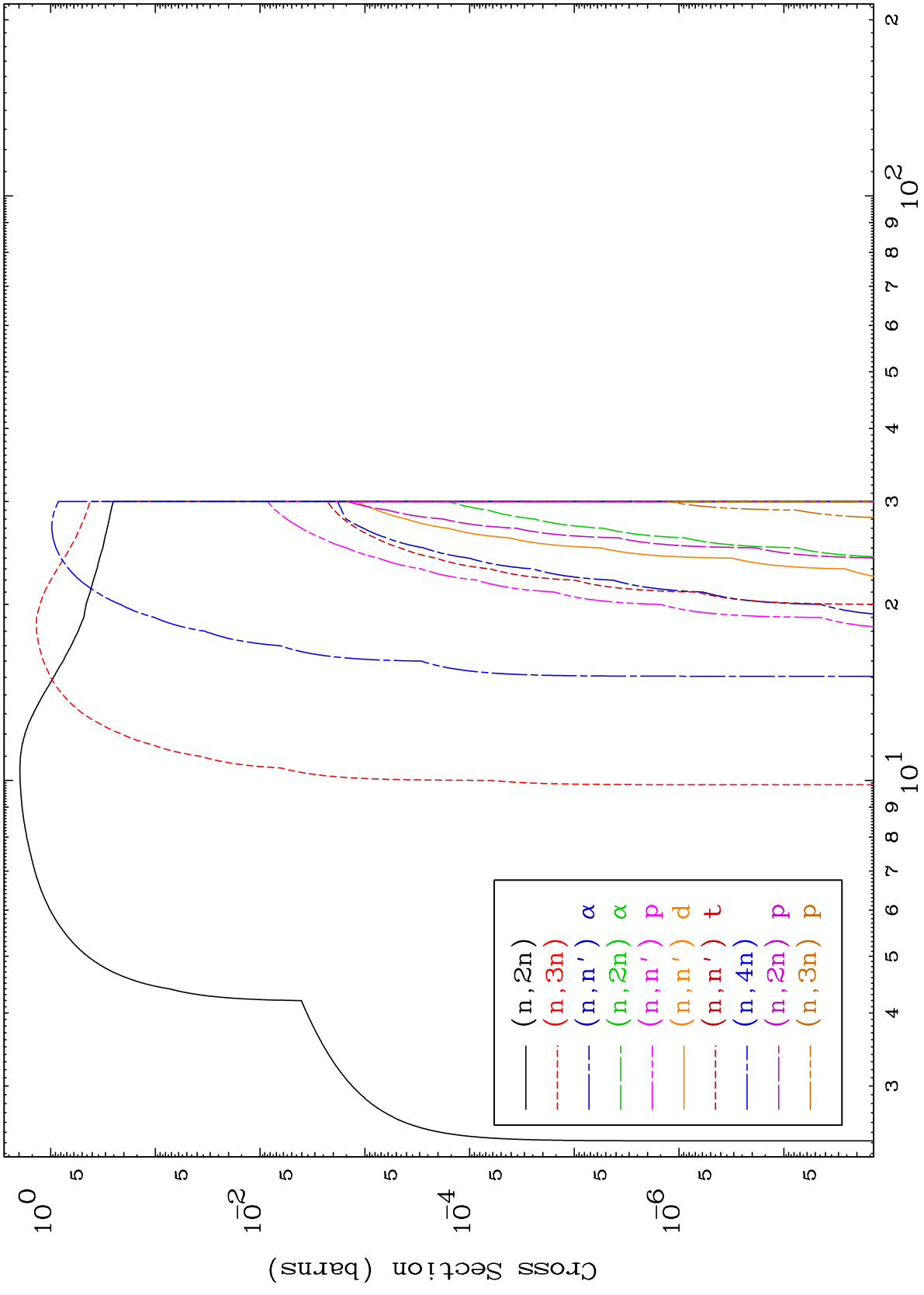
Press Mouse Button to Start

MAT 5088

Major
293 Kelvin Cross Sections

50-Sn-133

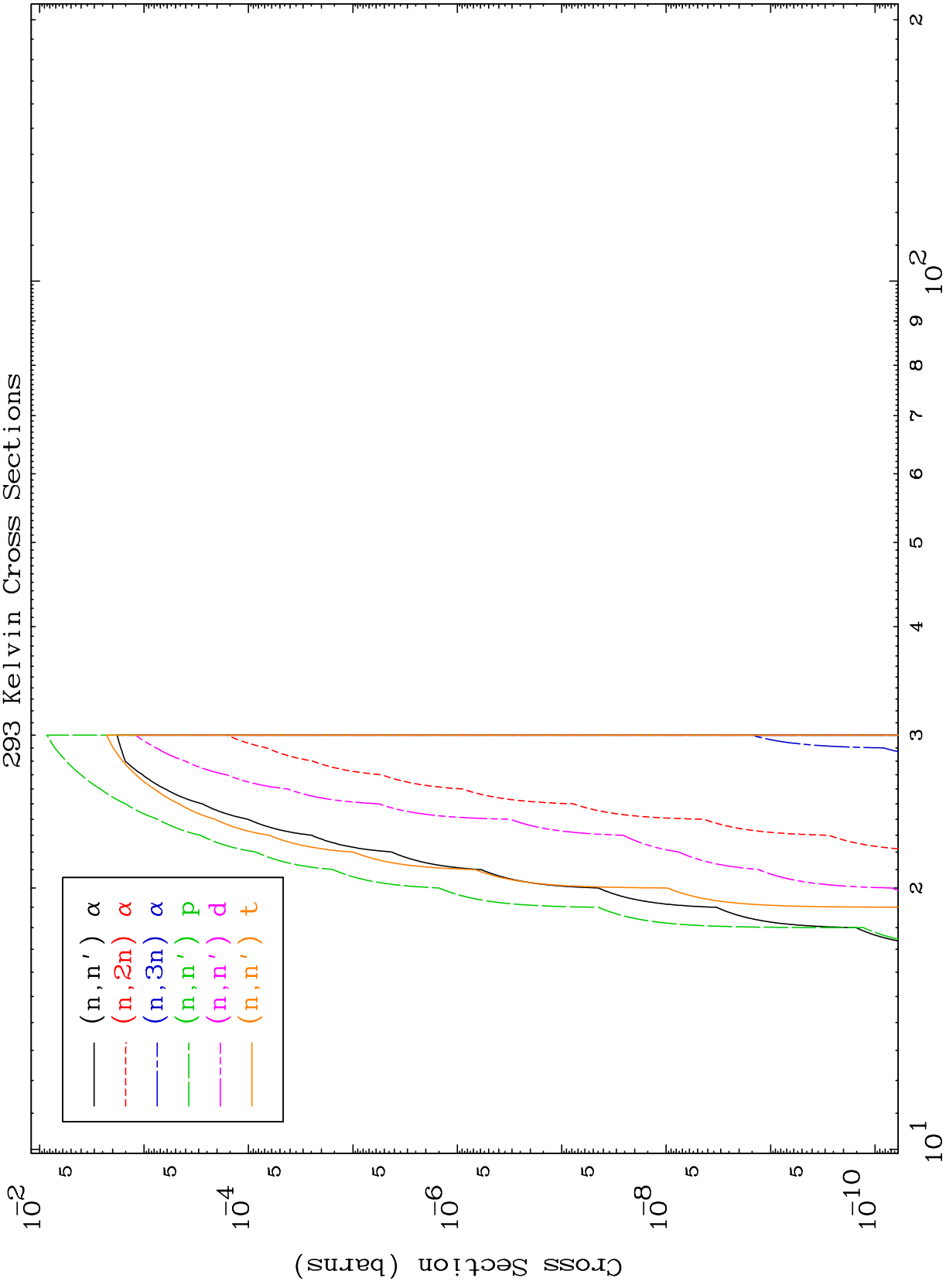




MAT 5088

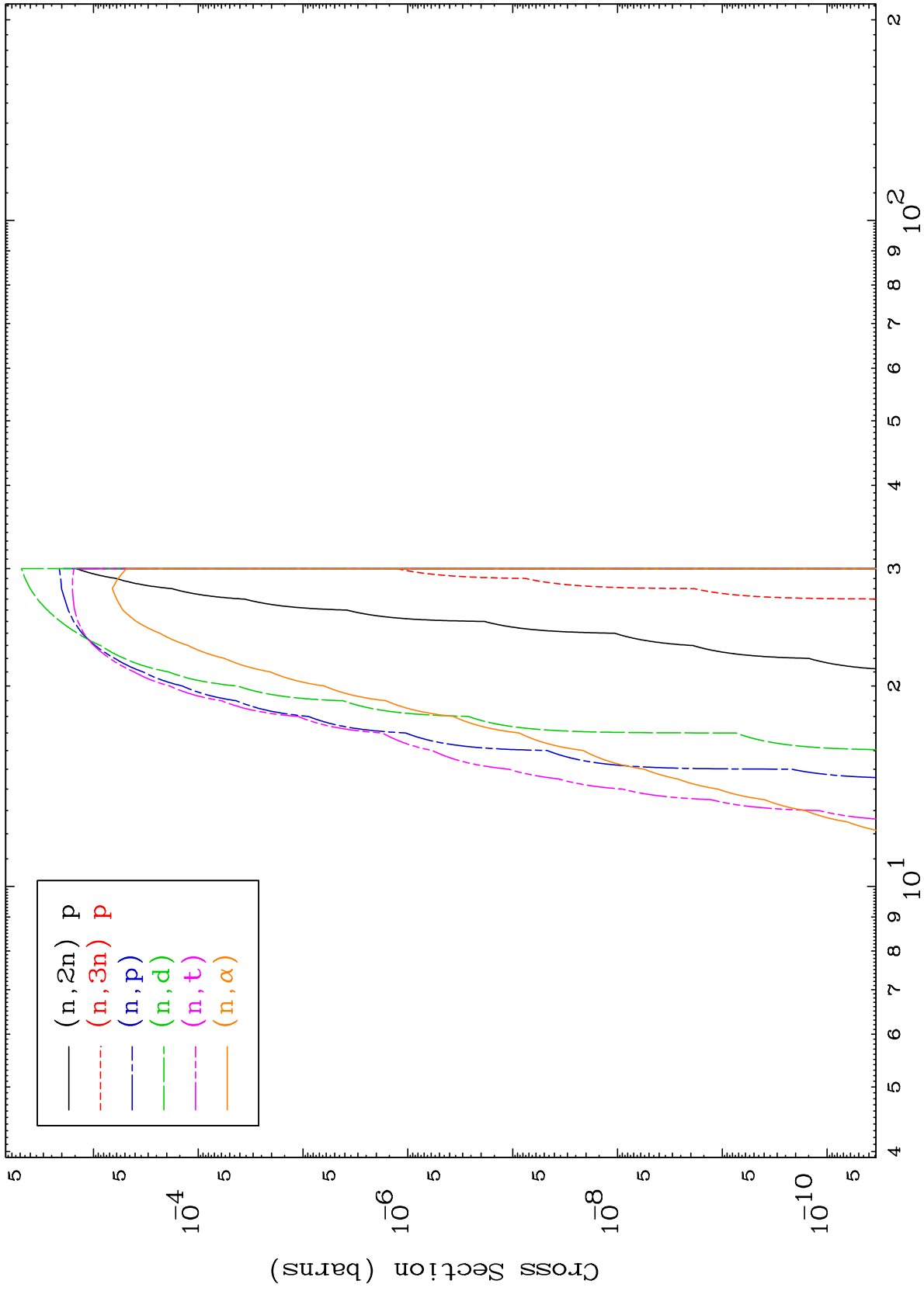
Charged Particle
293 Kelvin Cross Sections

50-Sn-133



Incident Energy (MeV)

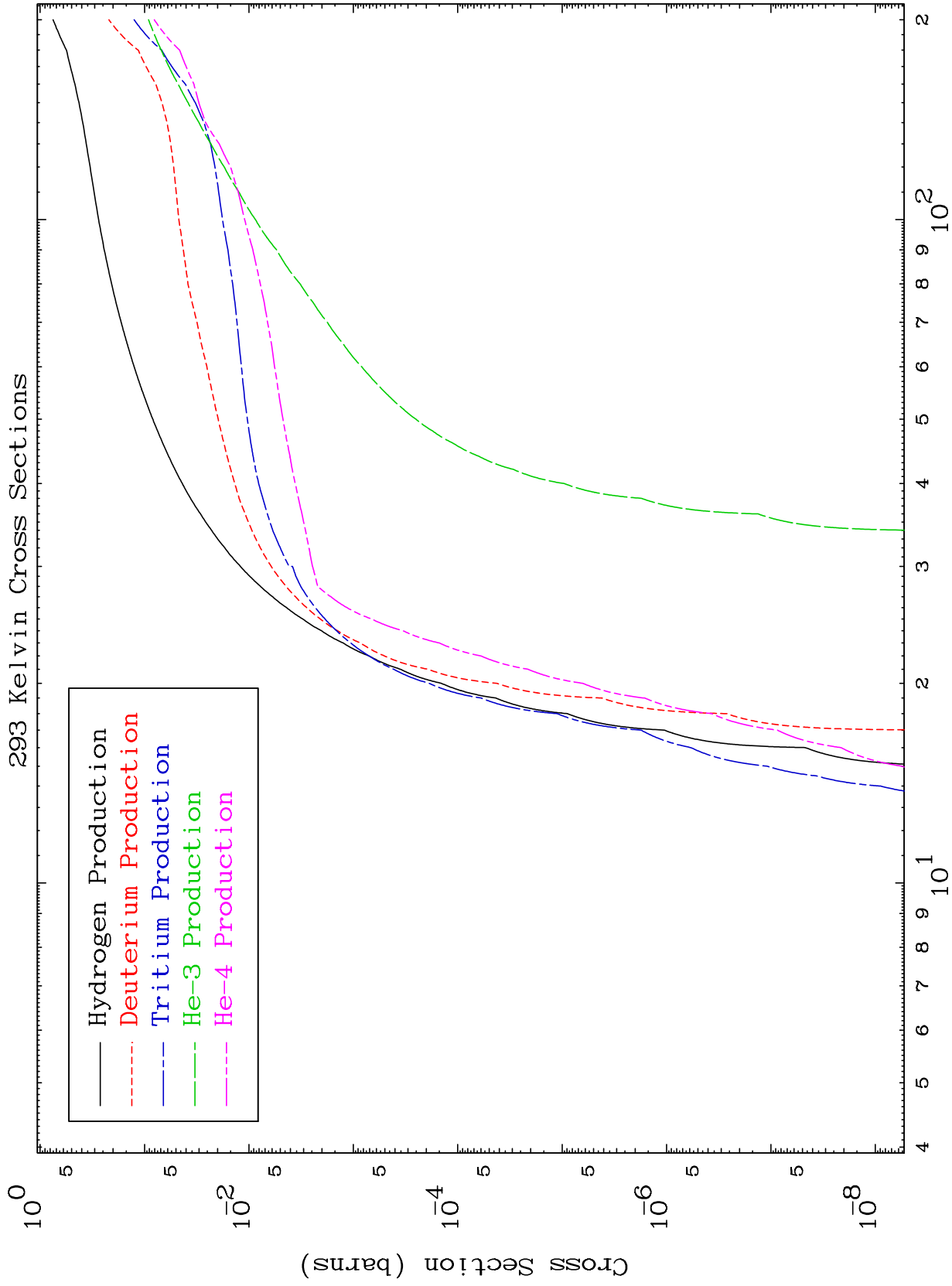
50-Sn-133



MAT 5088

Particle Production
293 Kelvin Cross Sections

50-Sn-133



5

Incident Energy (MeV)

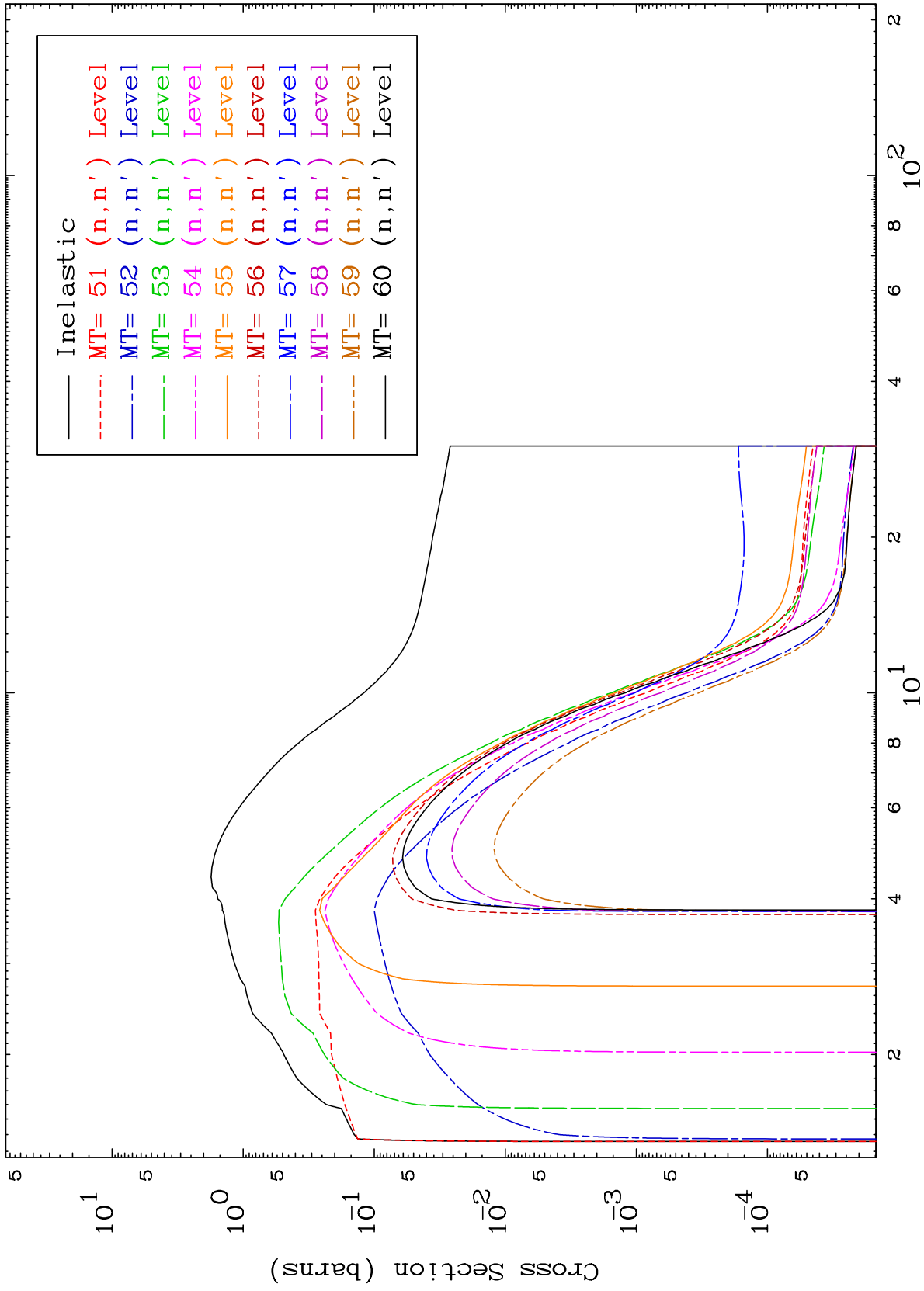
50-Sn-133

MAT 5088

(n,n') Level

50-Sn-133

293 Kelvin Cross Sections



6

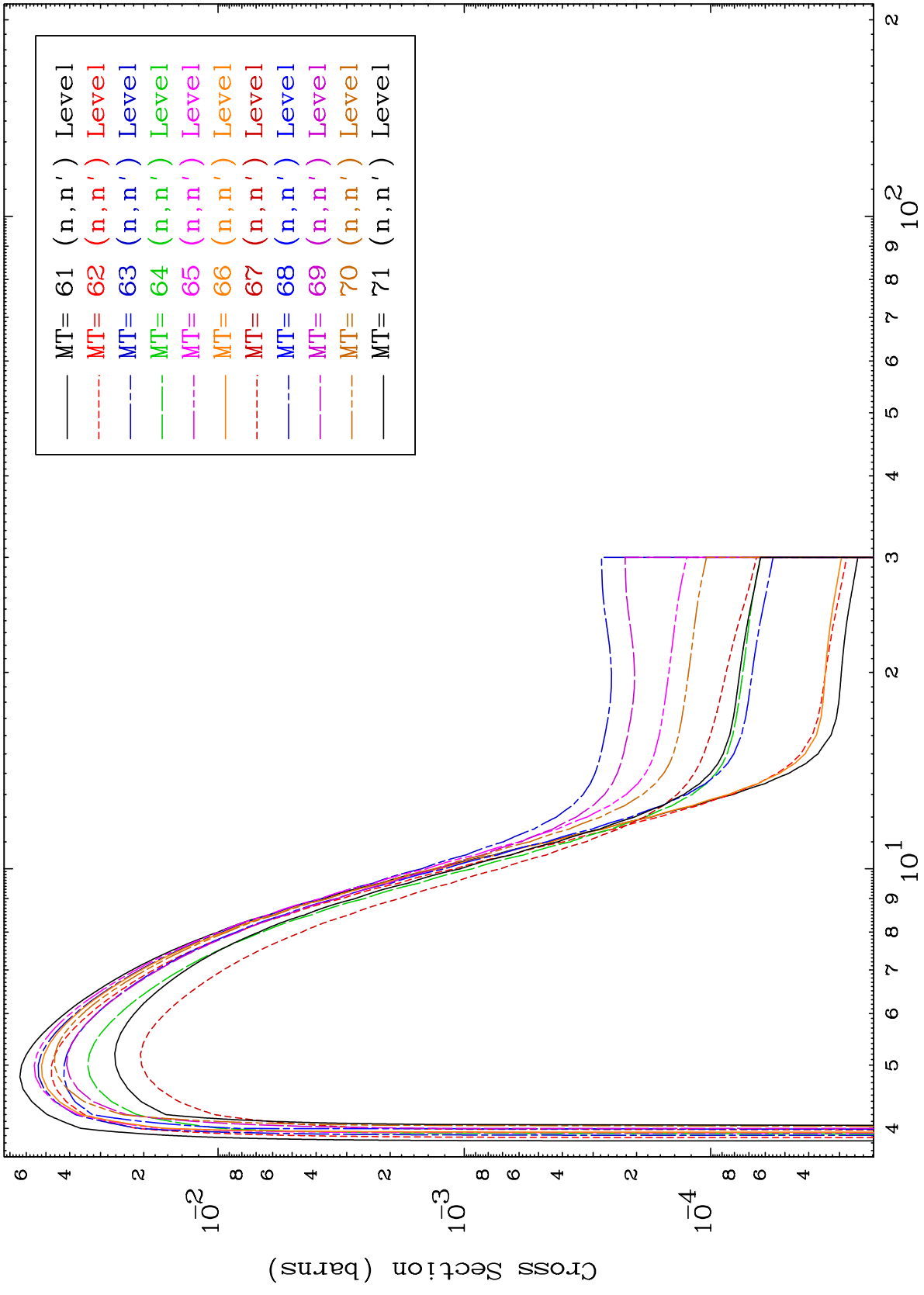
Incident Energy (MeV)

50-Sn-133

MAT 5088

(n,n') Level
293 Kelvin Cross Sections

50-Sn-133



7

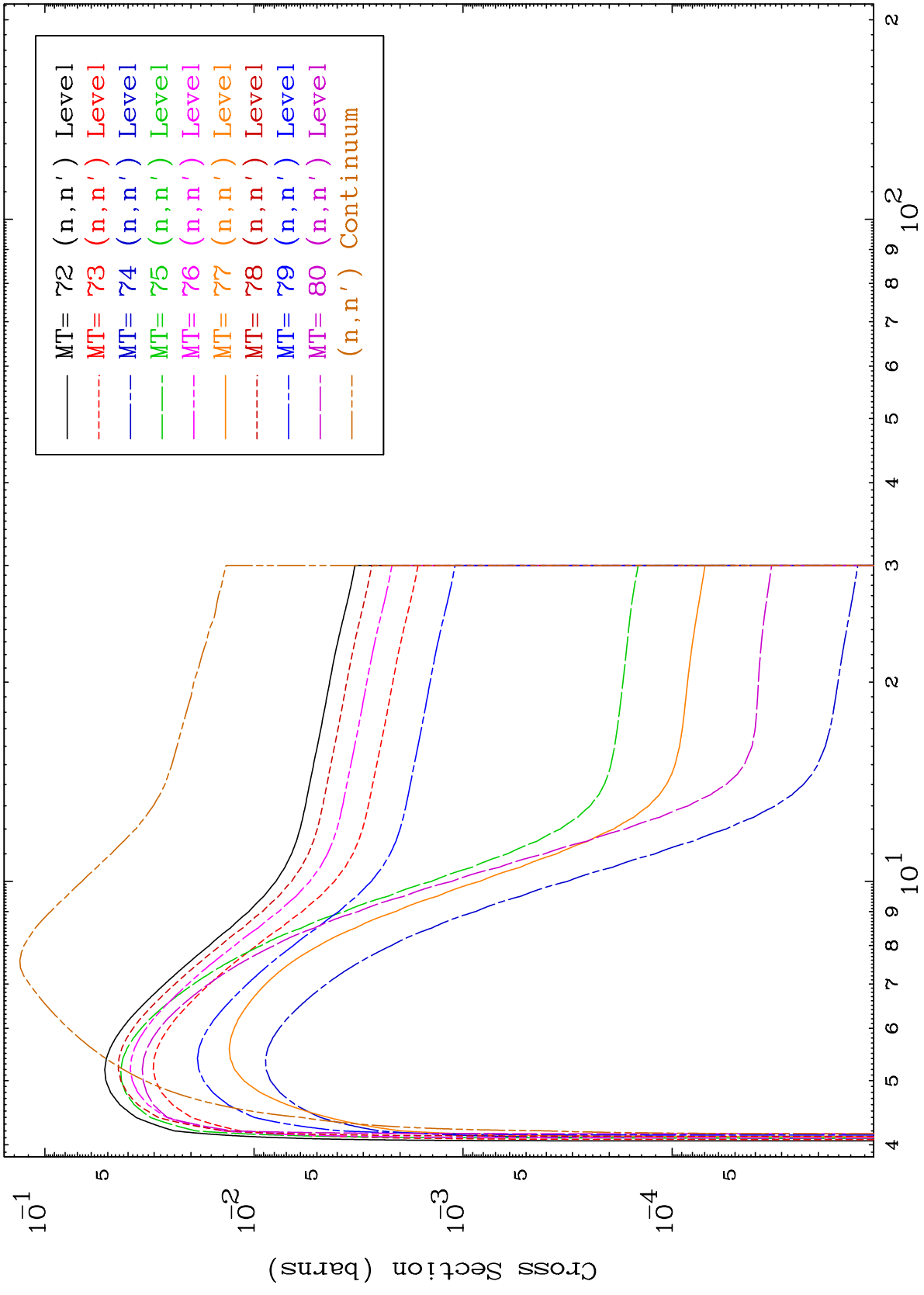
Incident Energy (MeV)

50-Sn-133

MAT 5088

(n,n') Level
293 Kelvin Cross Sections

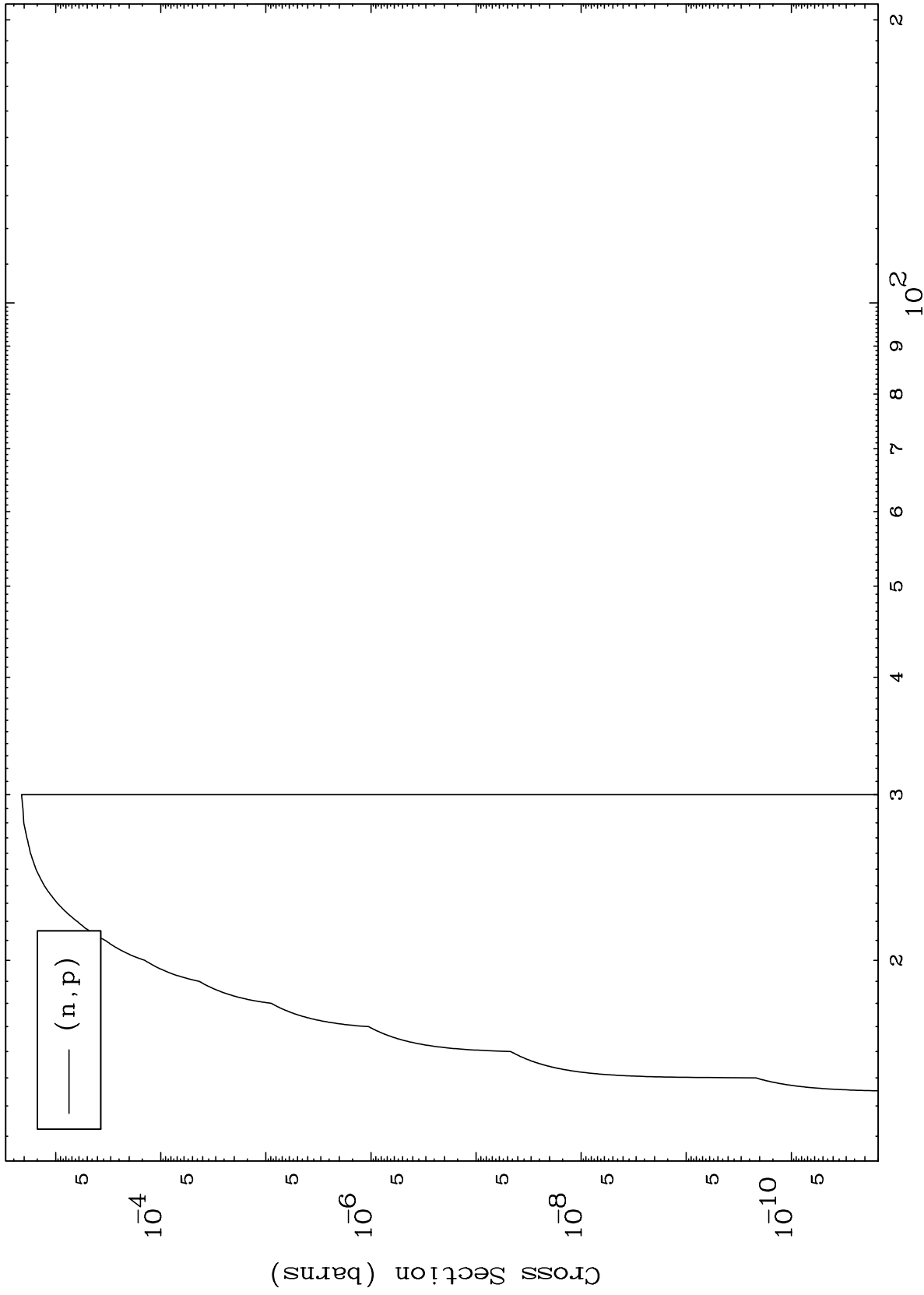
50-Sn-133



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Incident Energy (MeV)

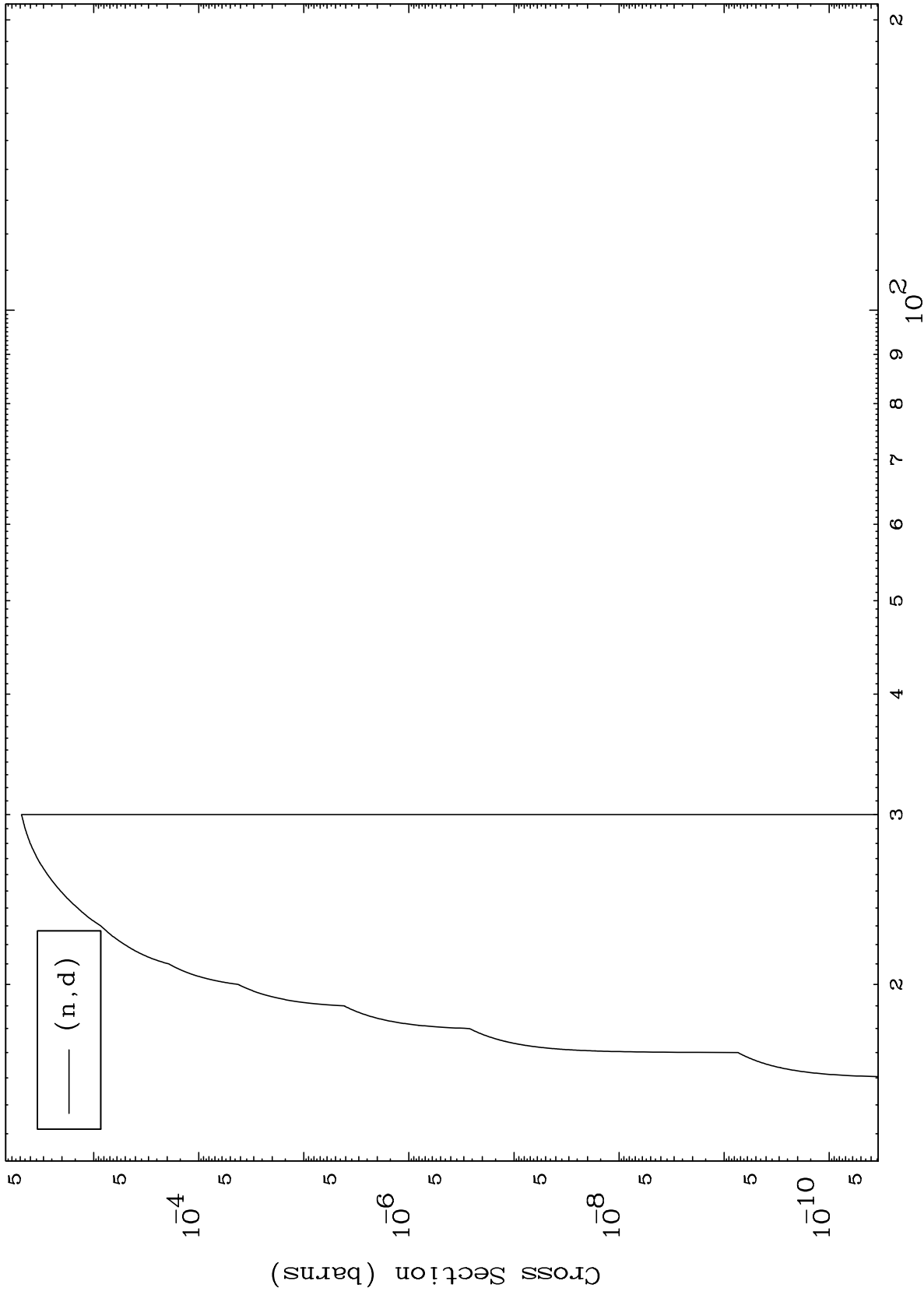
50-Sn-133



MAT 5088

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-133



10

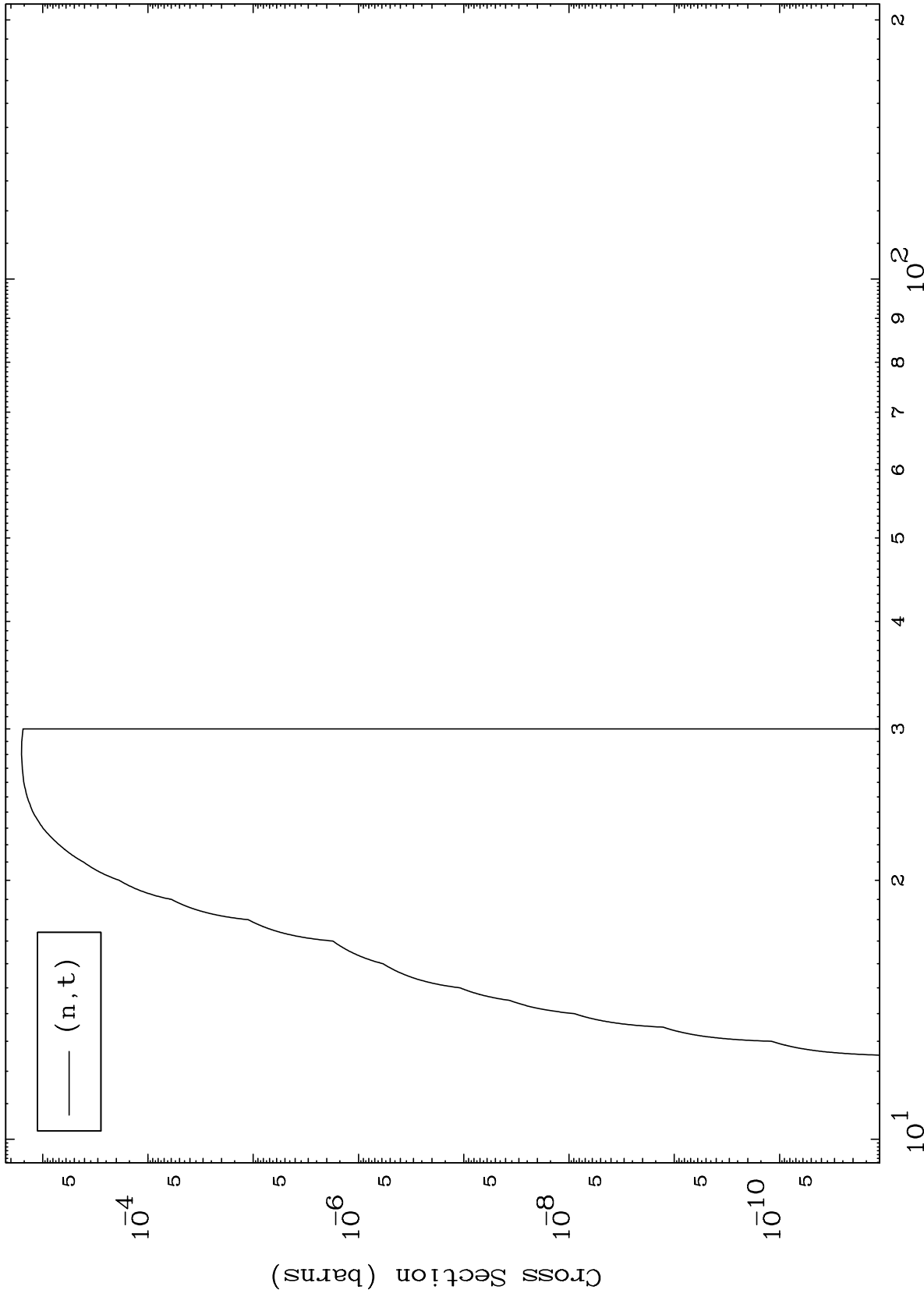
Incident Energy (MeV)

50-Sn-133

MAT 5088

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-133



11

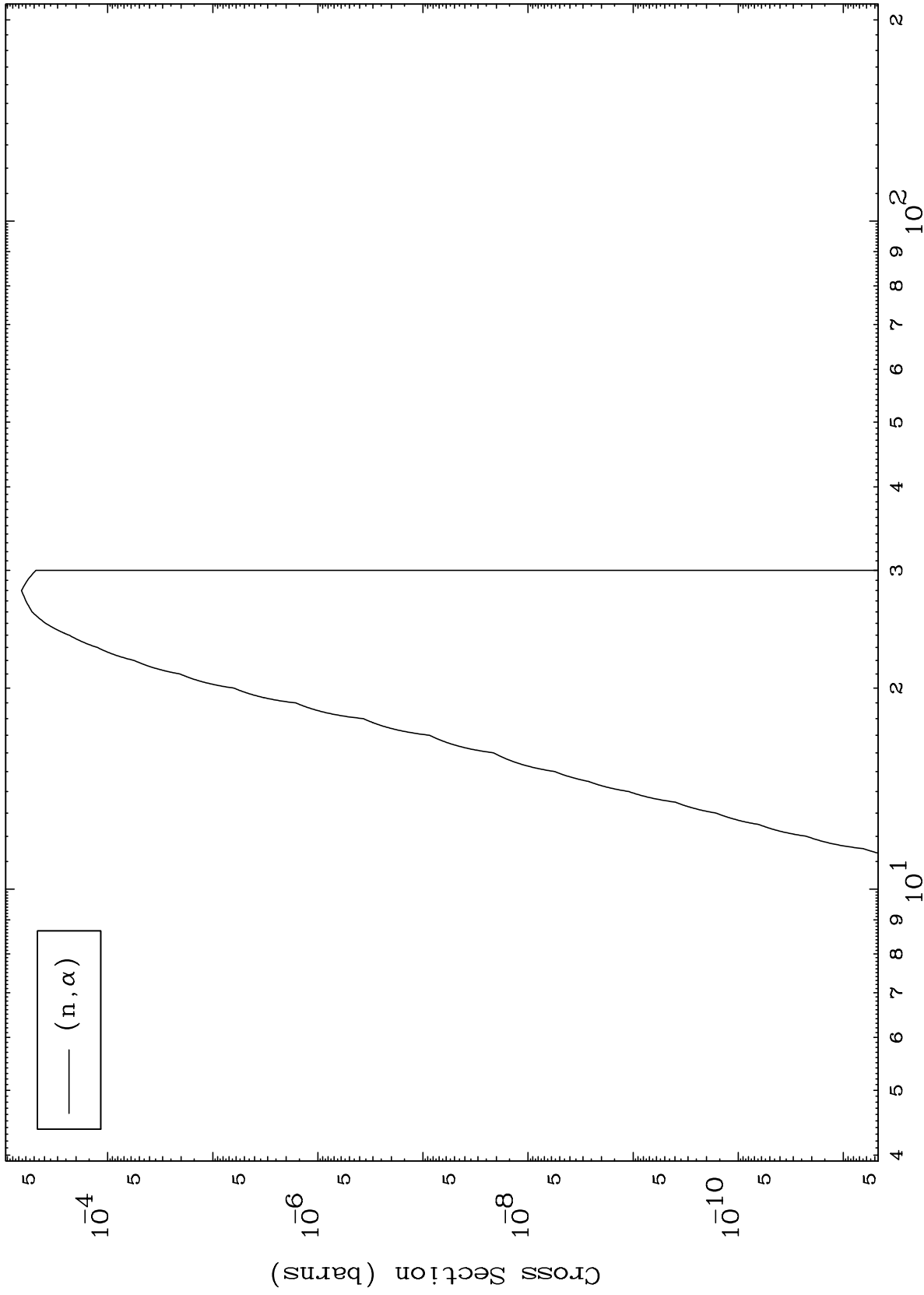
Incident Energy (MeV)

50-Sn-133

MAT 5088

(n,α) Levels
293 Kelvin Cross Sections

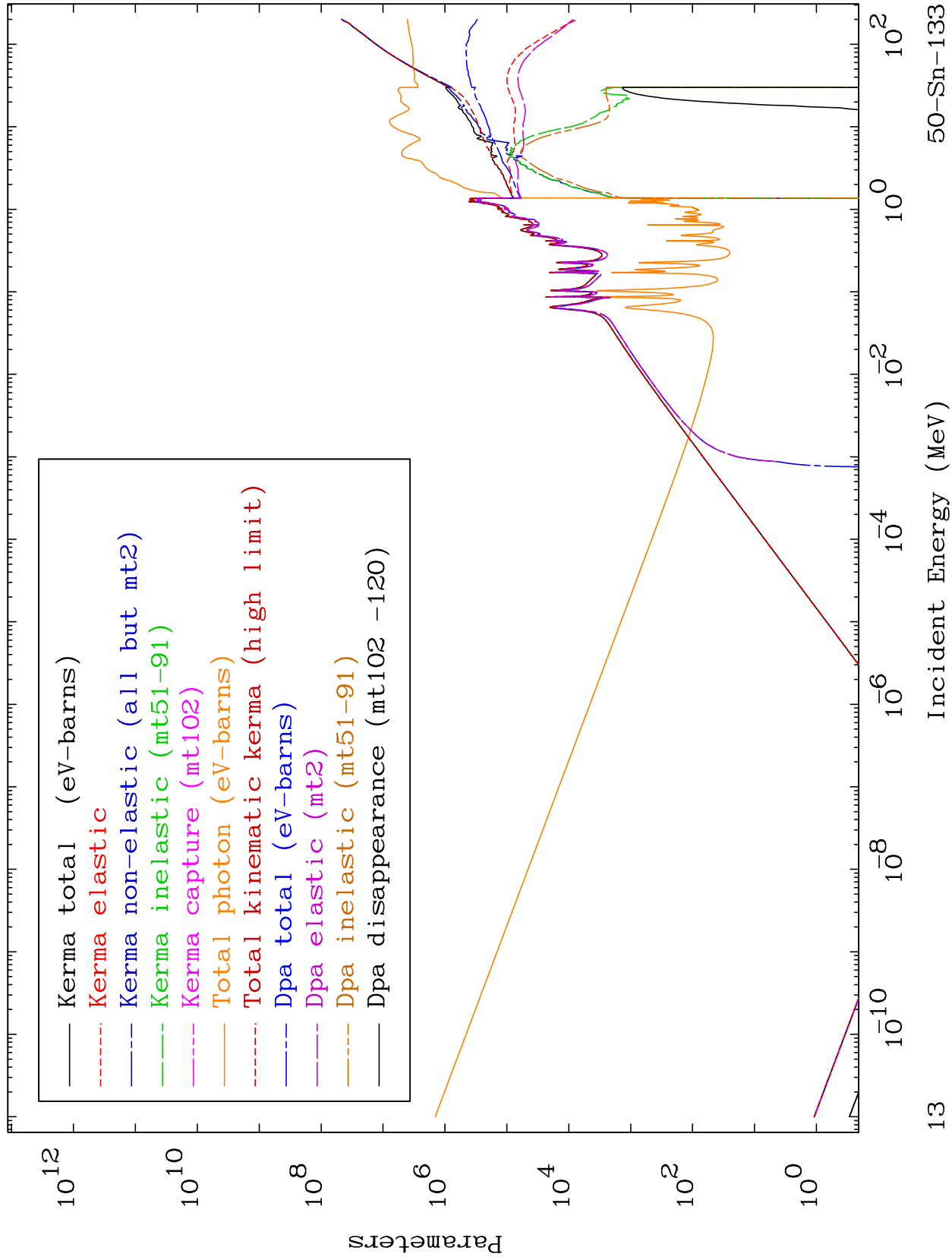
50-Sn-133



12

Incident Energy (MeV)

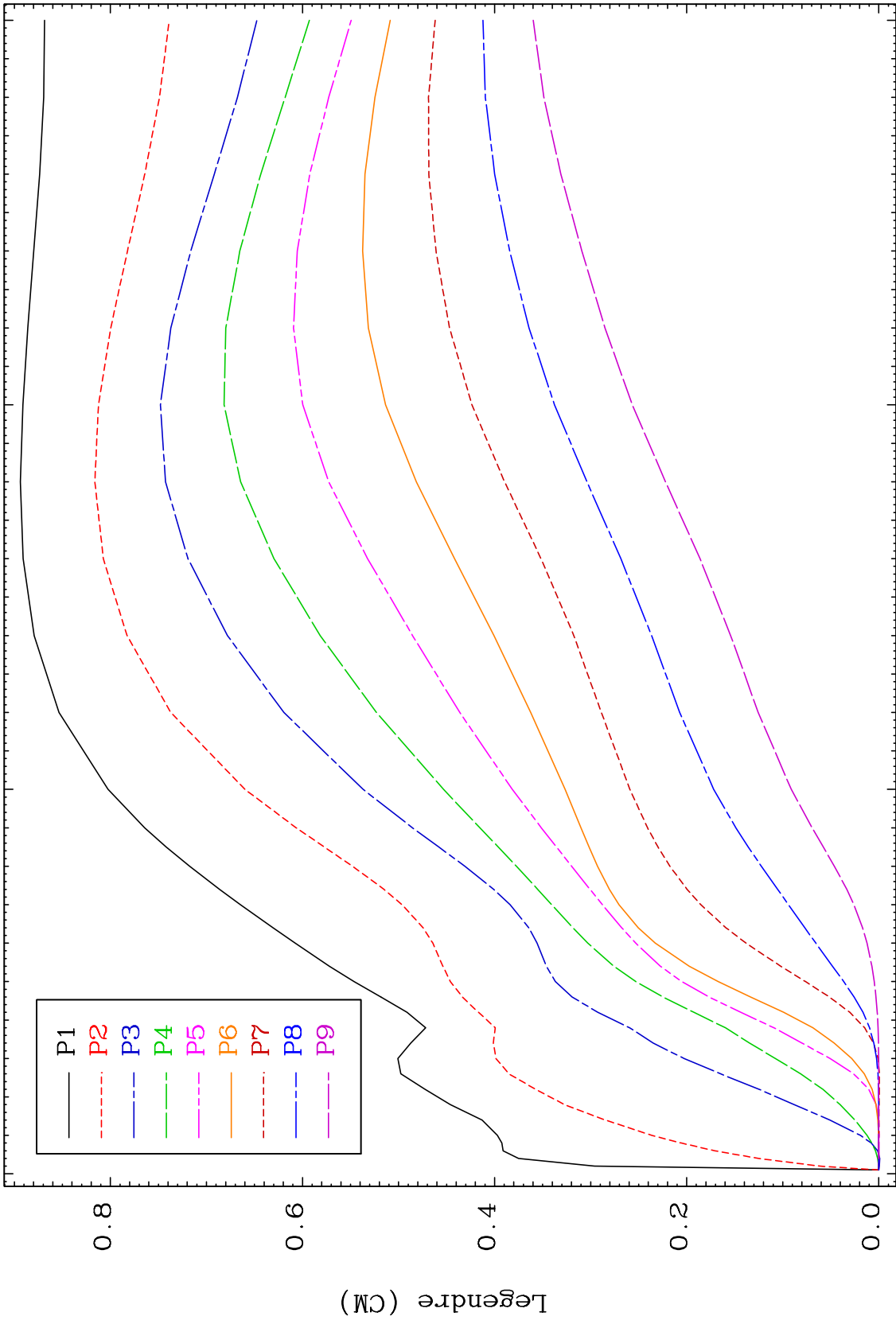
50-Sn-133



MAT 5088

Elastic Legendre Coefficients

50-Sn-133



14

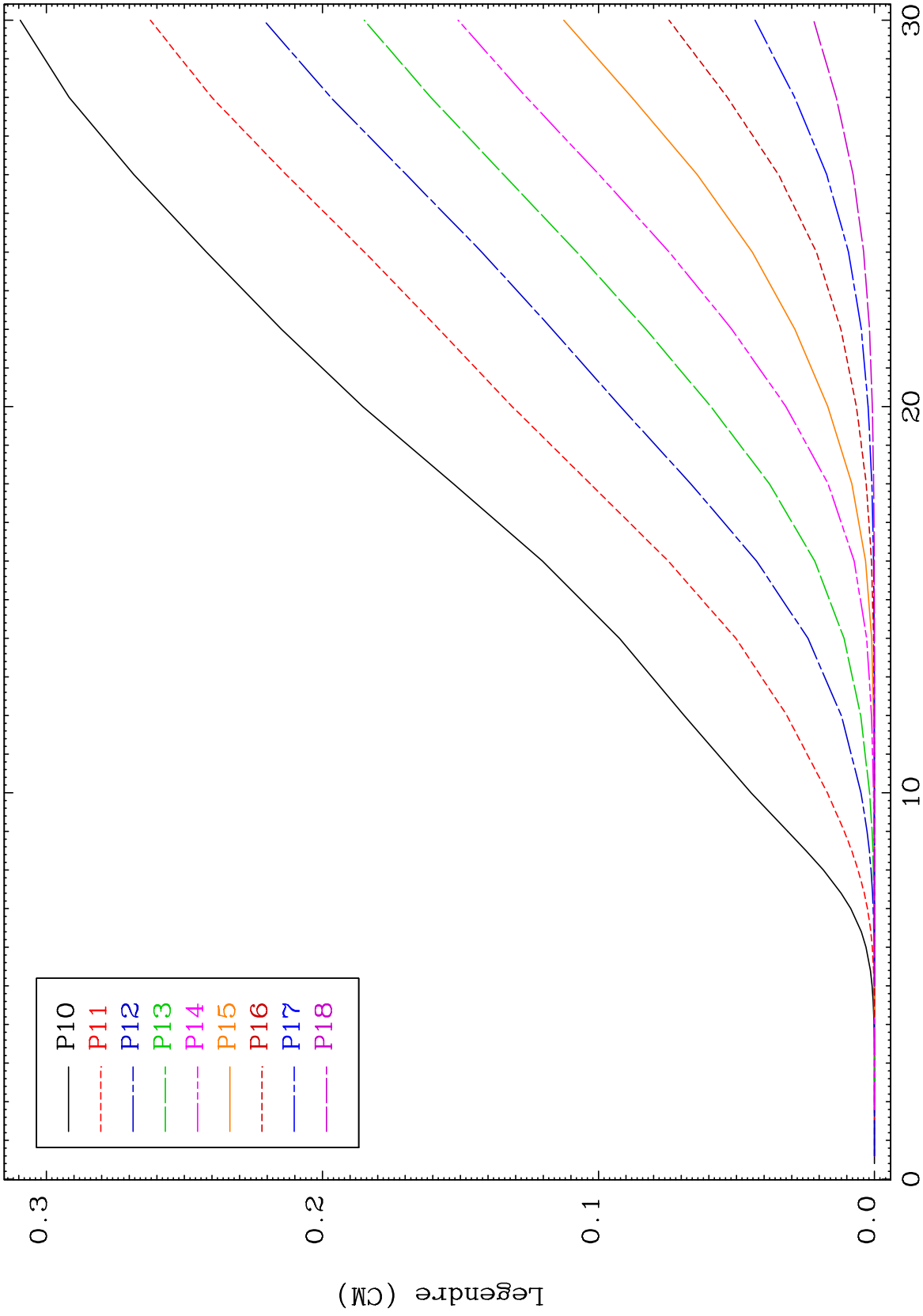
Incident Energy (MeV)

50-Sn-133

MAT 5088

Elastic Legendre Coefficients

50-Sn-133



15

10

20

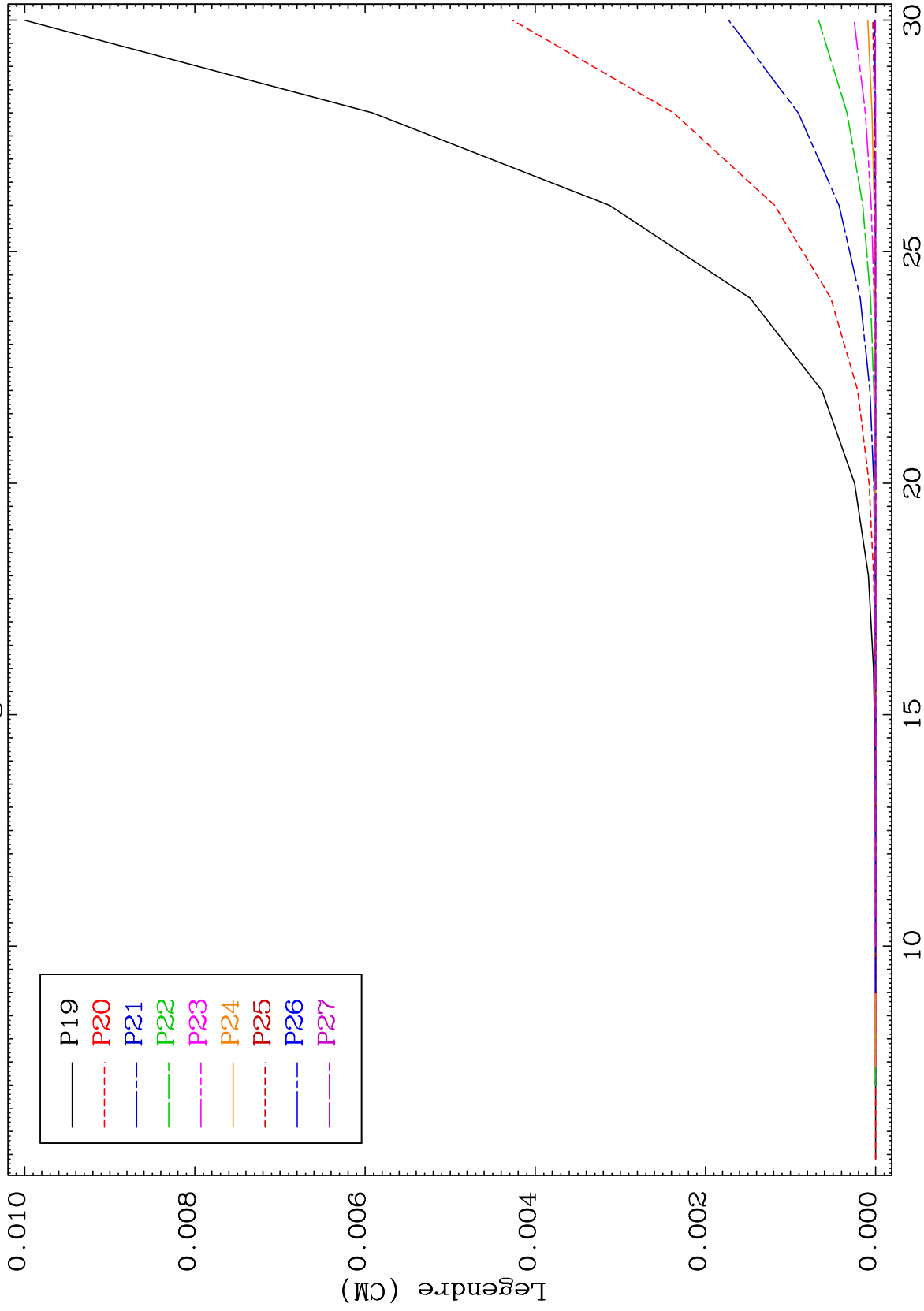
30

50-Sn-133

MAT 5088

Elastic Legendre Coefficients

50-Sn-133



16

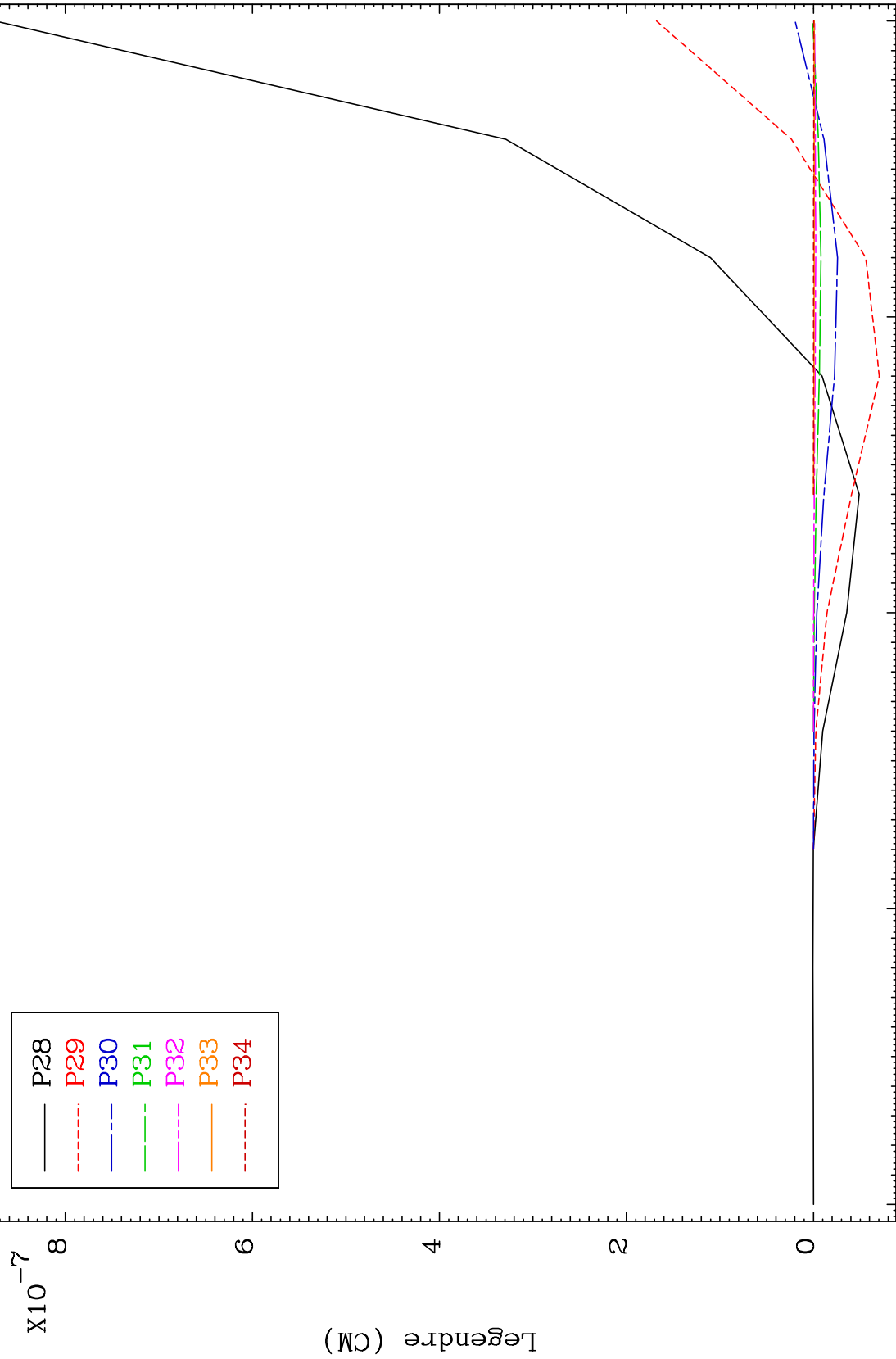
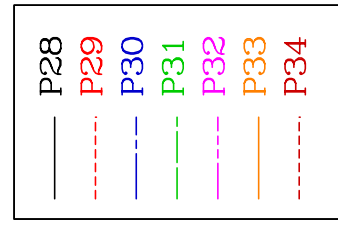
Incident Energy (MeV)

50-Sn-133

MAT 5088

Elastic Legendre Coefficients

50-Sn-133

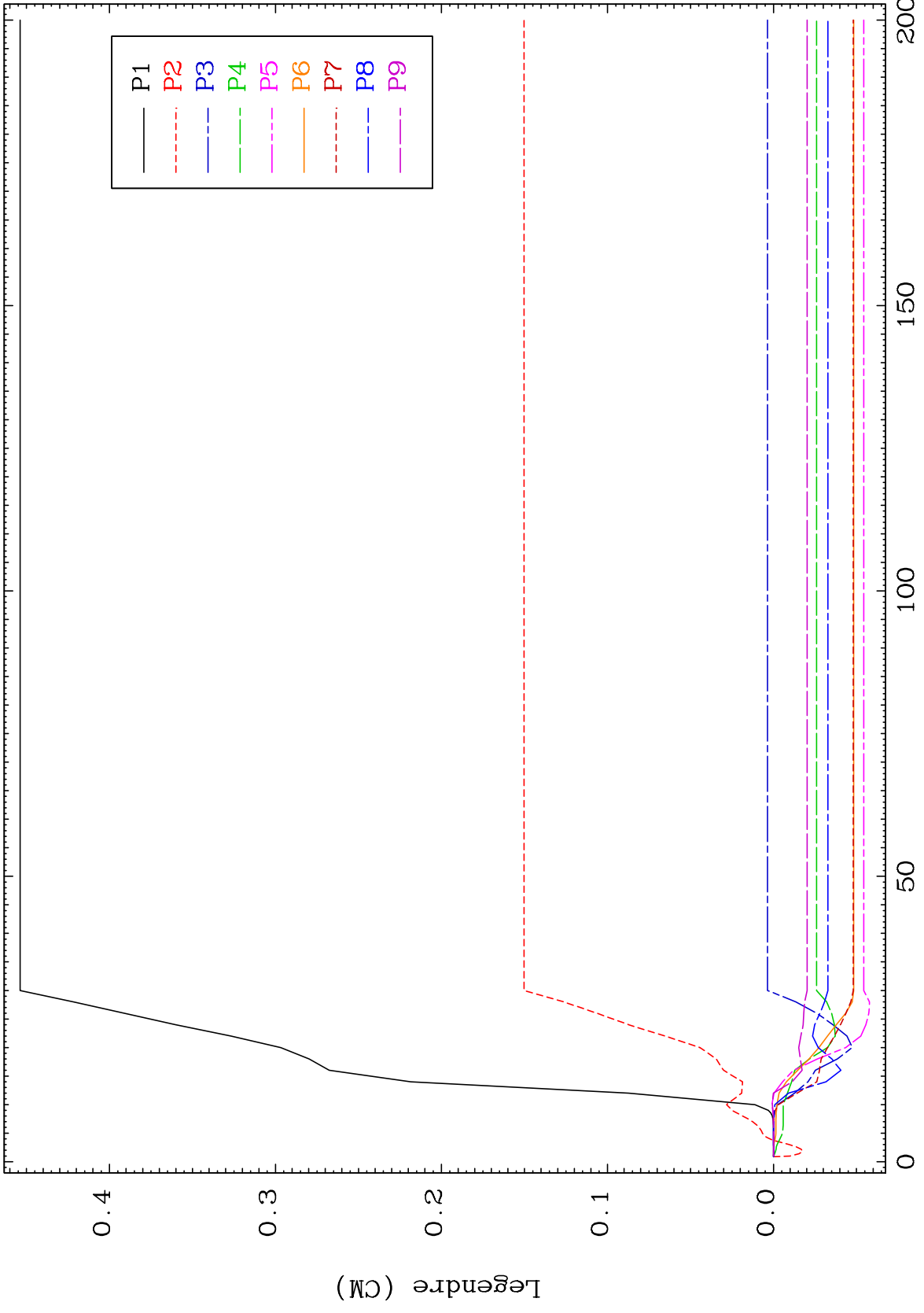


17

Incident Energy (MeV)

50-Sn-133

MAT 5088 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-133

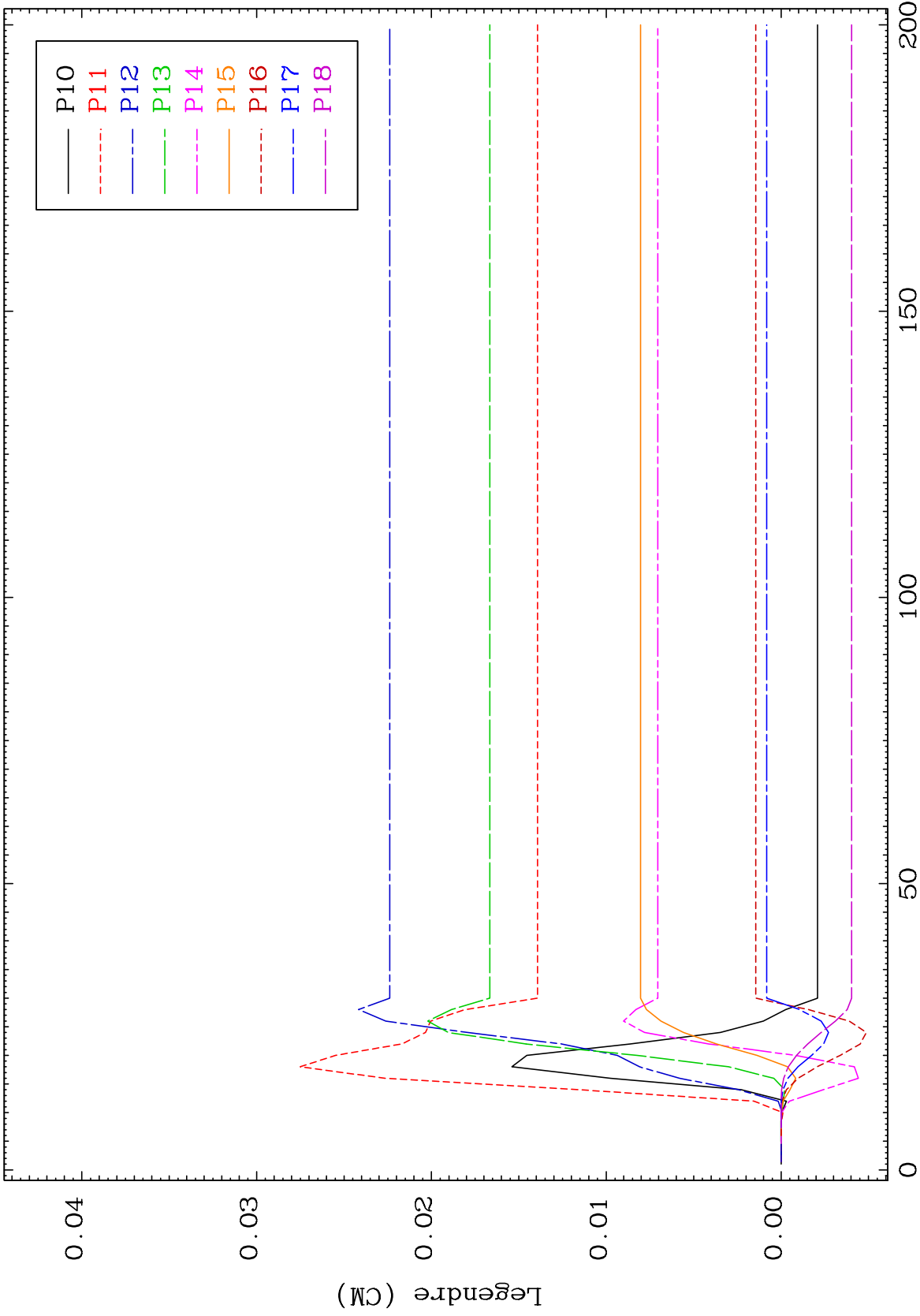


18 50-Sn-133

MAT 5088

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

50-Sn-133



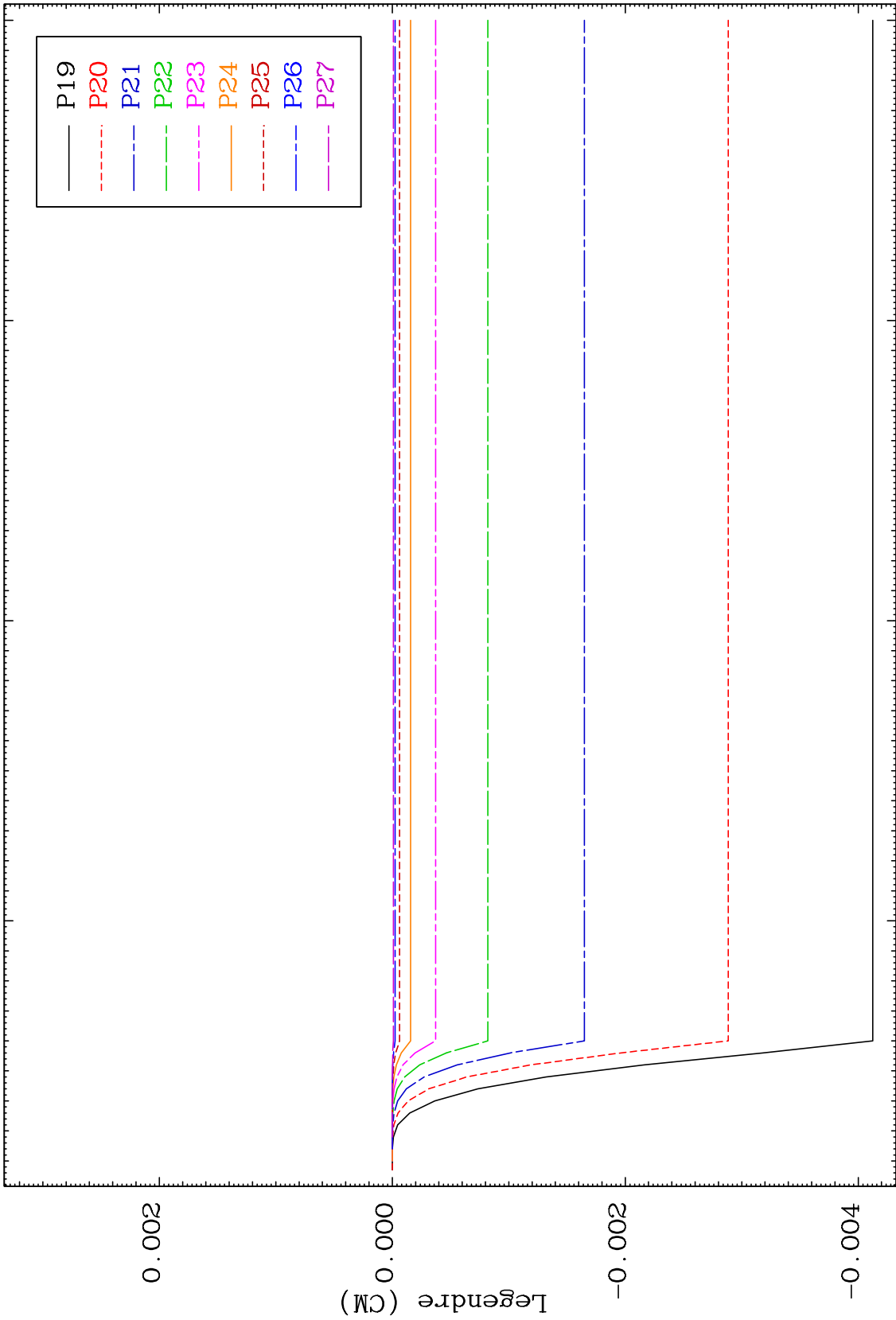
19

50-Sn-133

MAT 5088

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

50-Sn-133



20

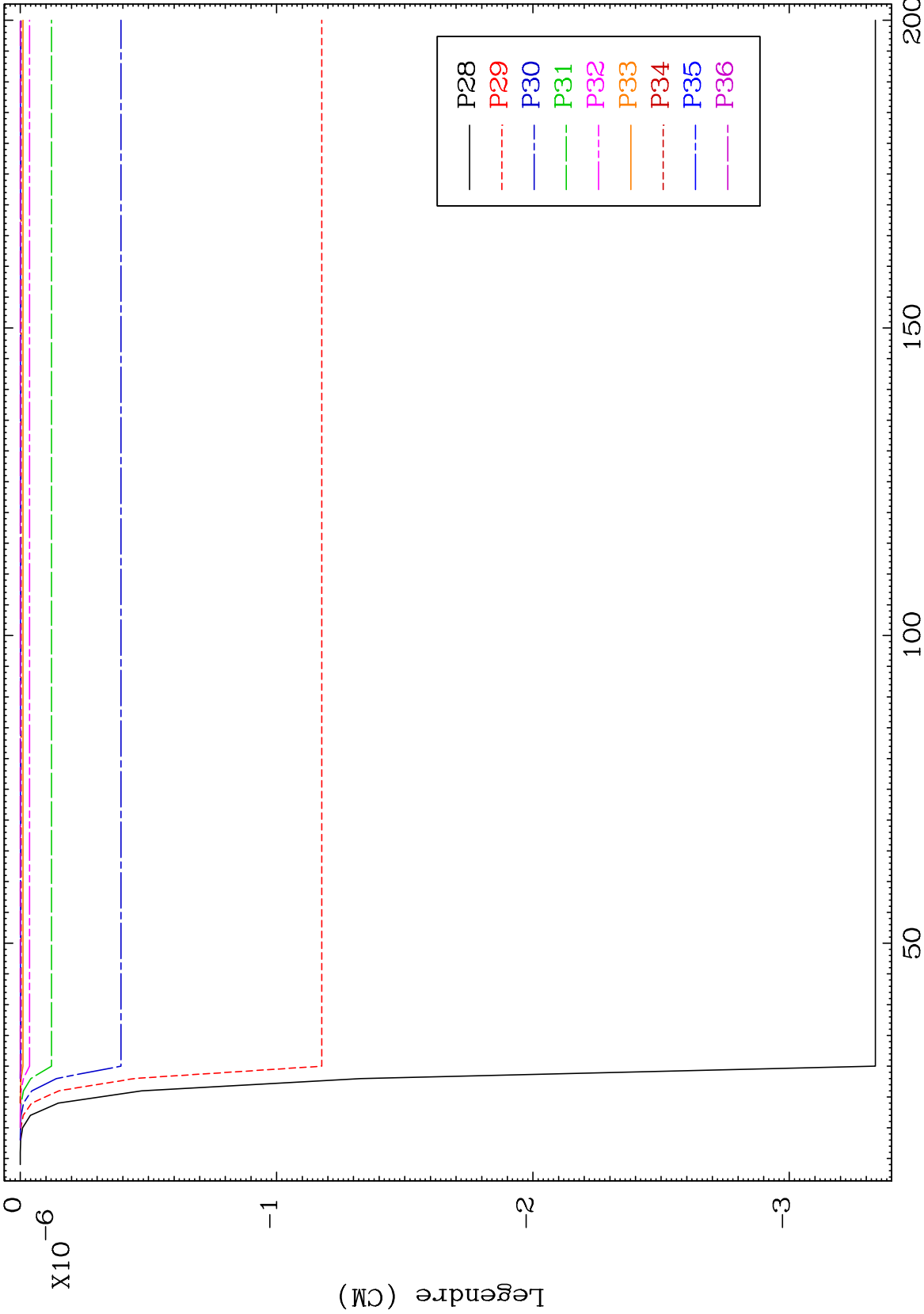
Incident Energy (MeV)

50-Sn-133

MAT 5088 MT= 51 (n,n') Level

50-Sn-133

Legendre Coefficients

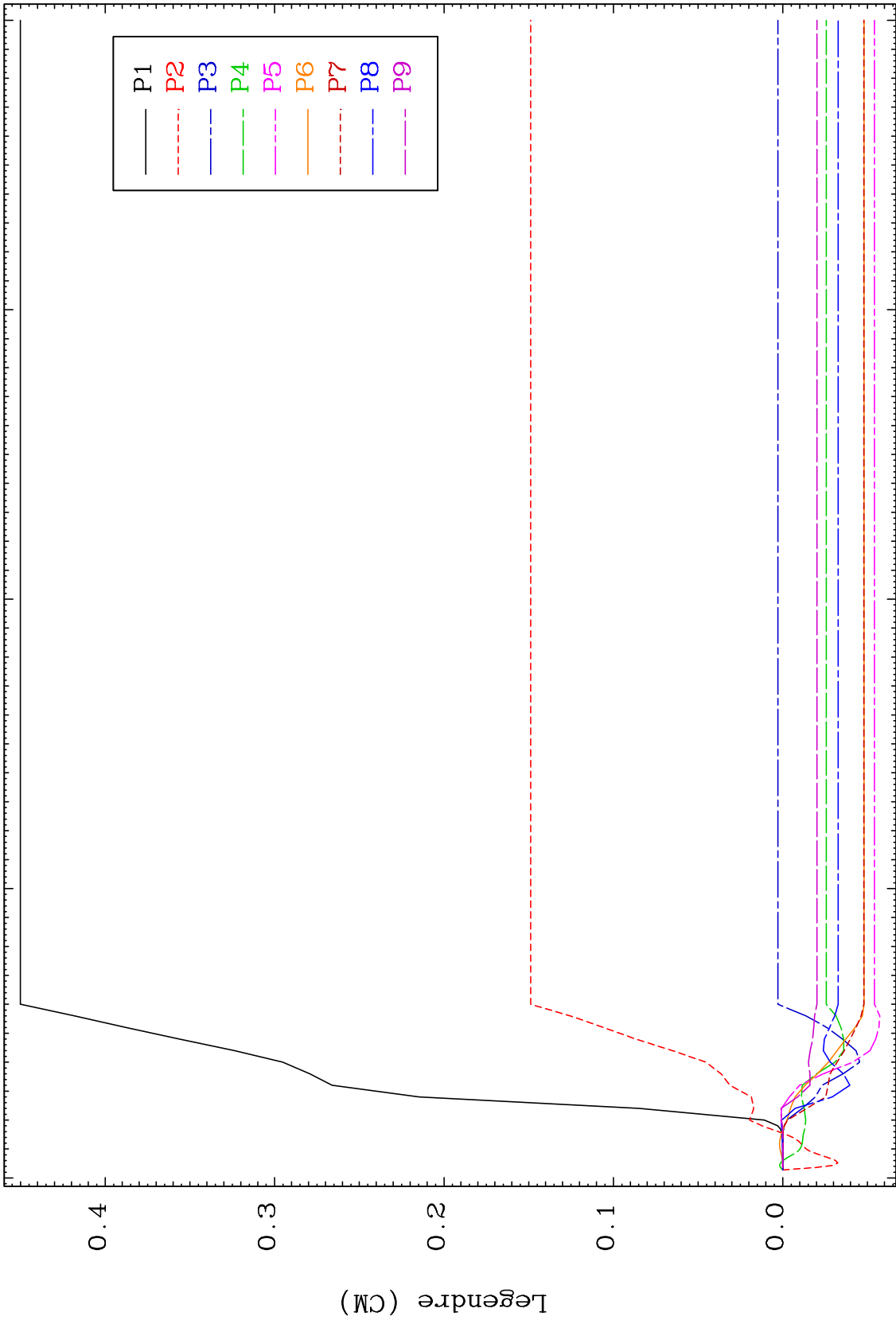


50-Sn-133

Incident Energy (MeV)

21

MAT 5088 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-133

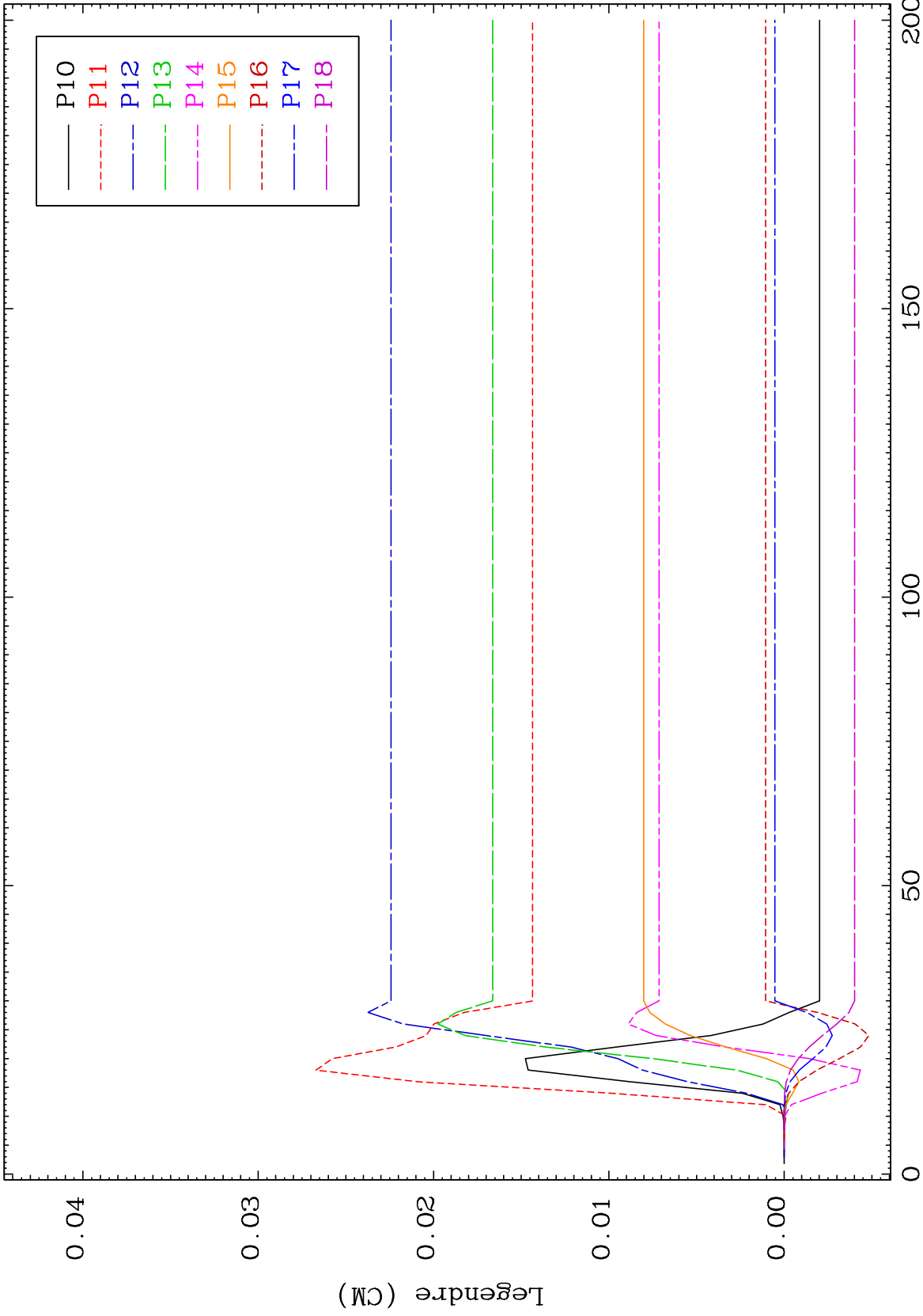


22 Incident Energy (MeV) 50-Sn-133

MAT 5088

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

50-Sn-133



23

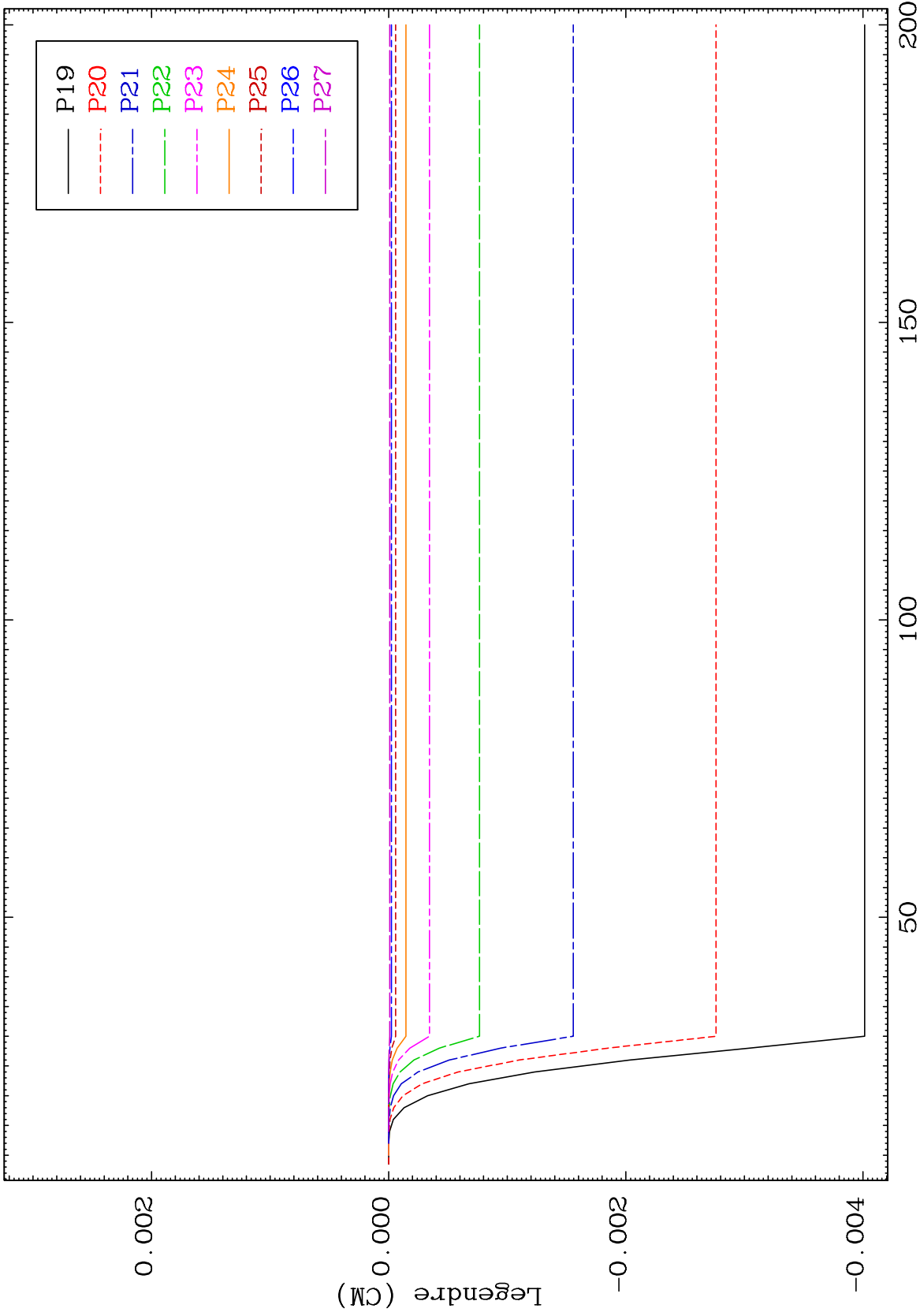
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133

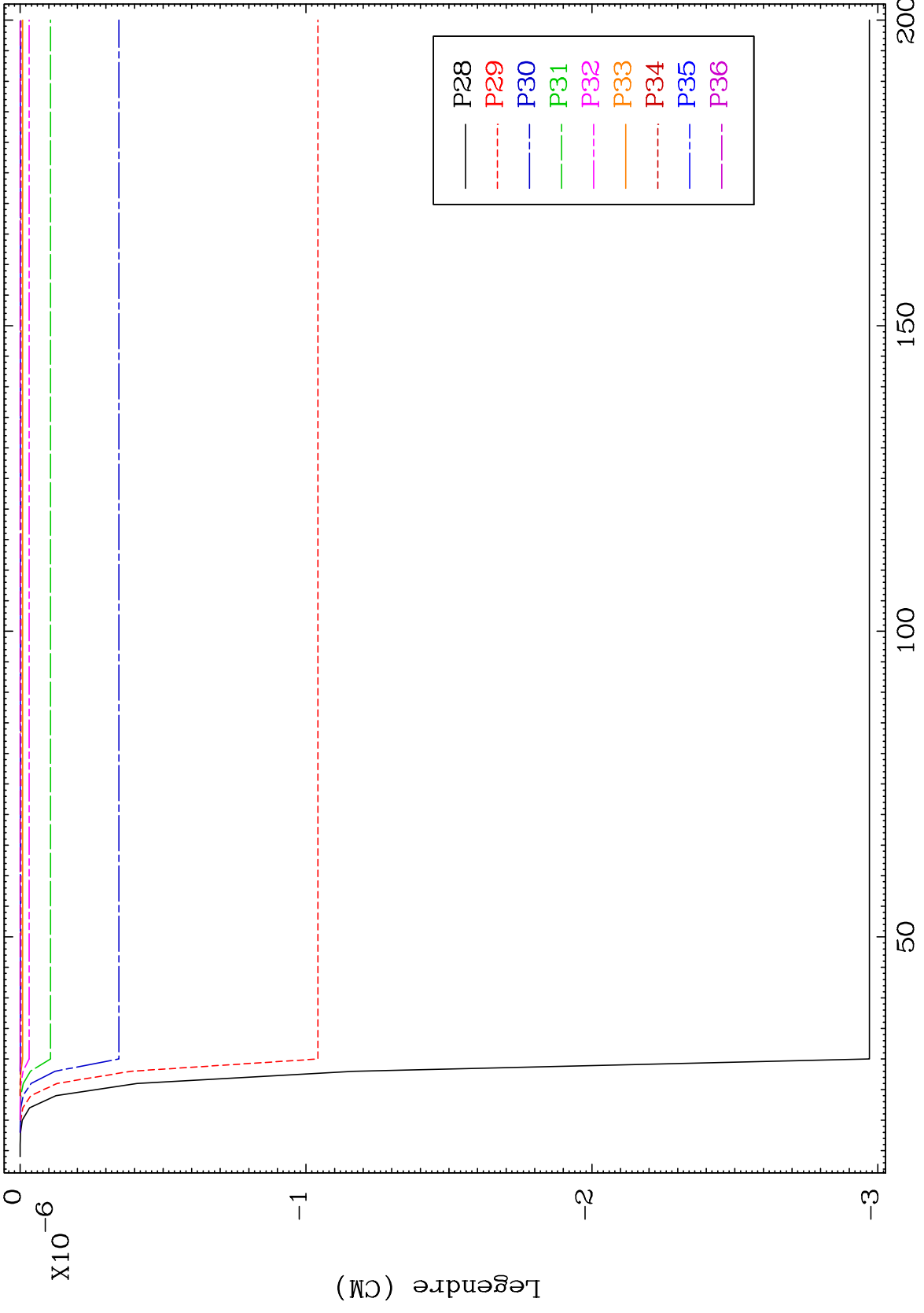


24

Incident Energy (MeV)

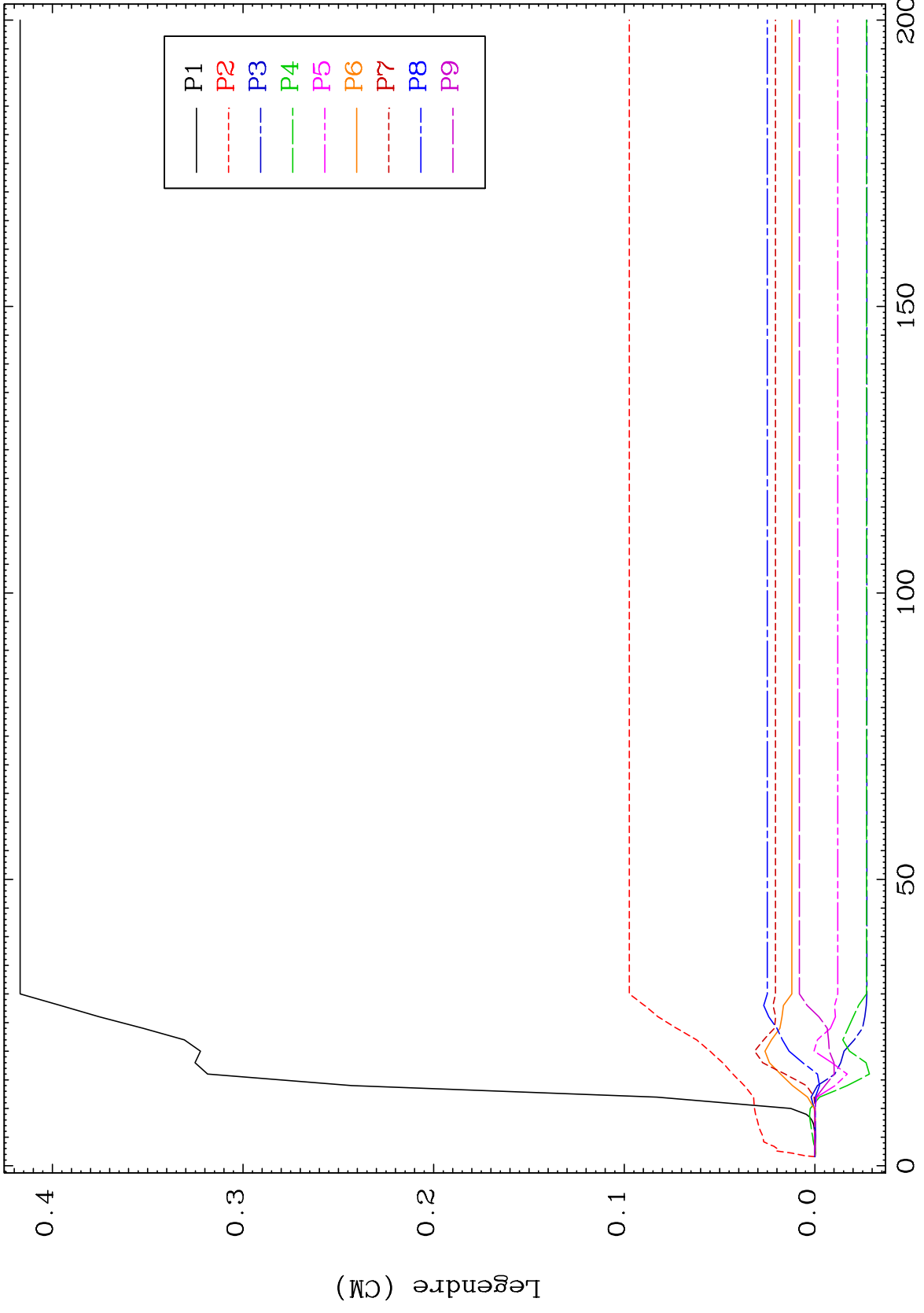
50-Sn-133

MAT 5088 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-133



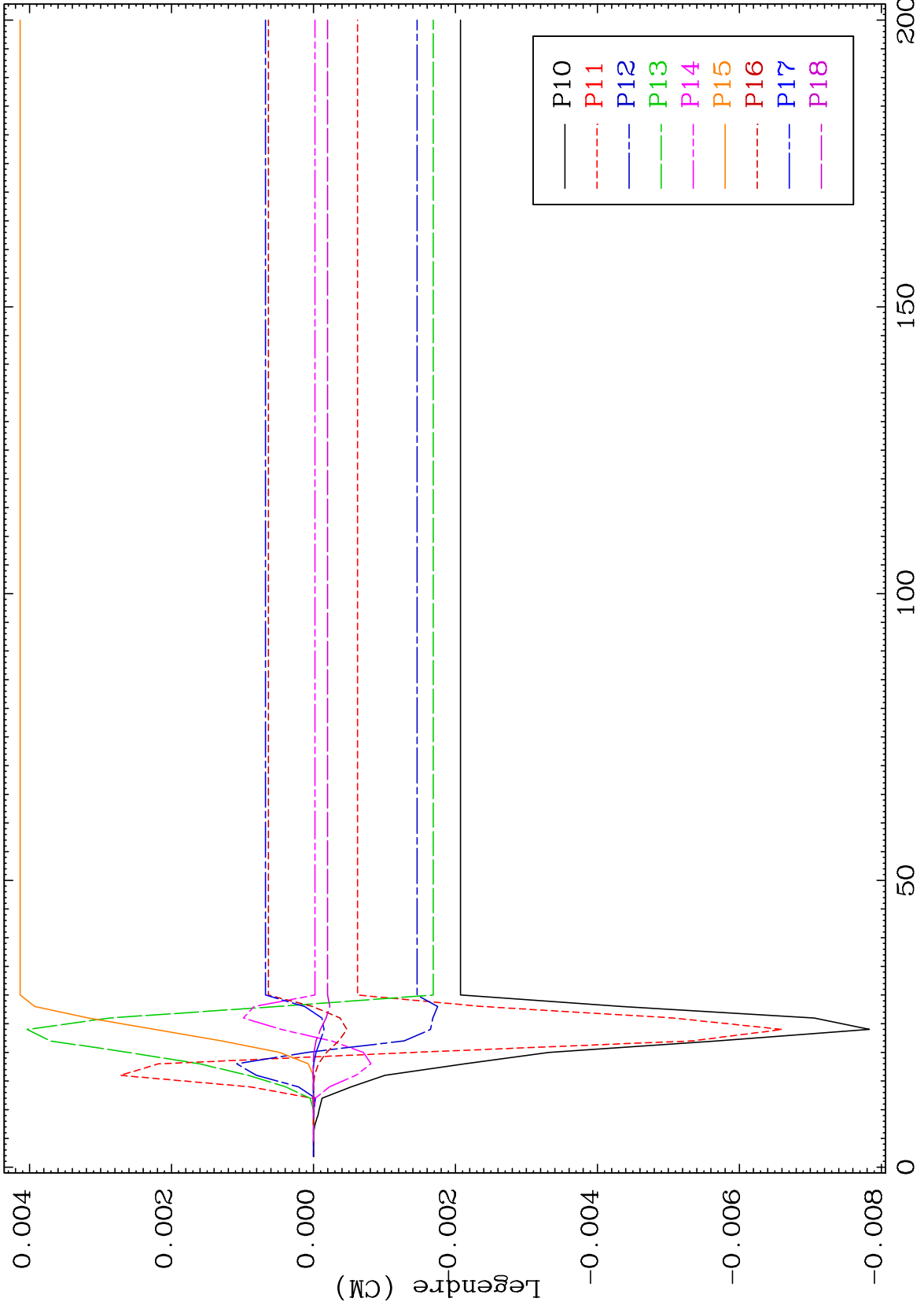
25 Incident Energy (MeV) 50-Sn-133

MAT 5088 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-133



26 50-Sn-133

MAT 5088 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-133

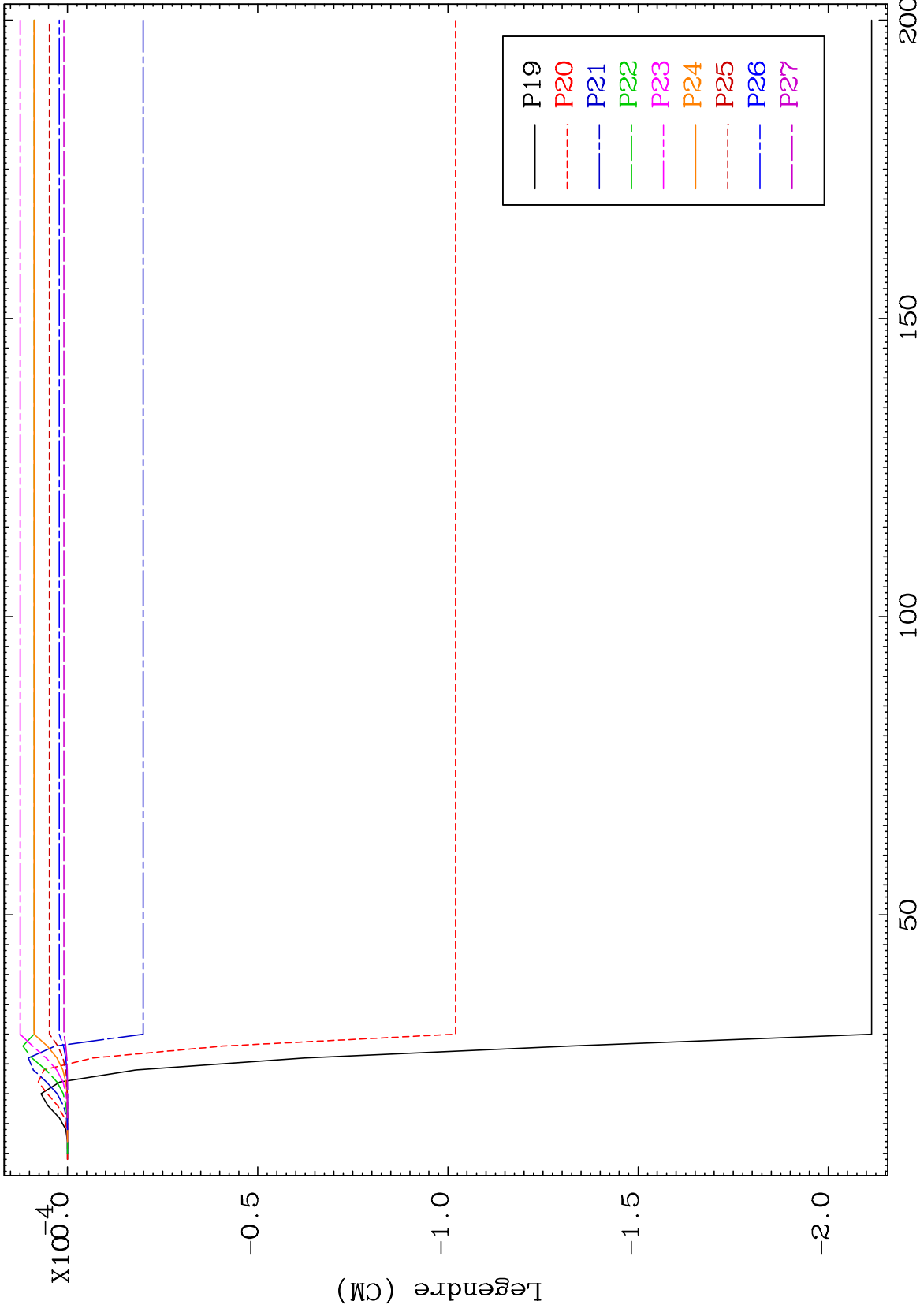


27 Incident Energy (MeV) 50-Sn-133

MAT 5088

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

50-Sn-133



50-Sn-133

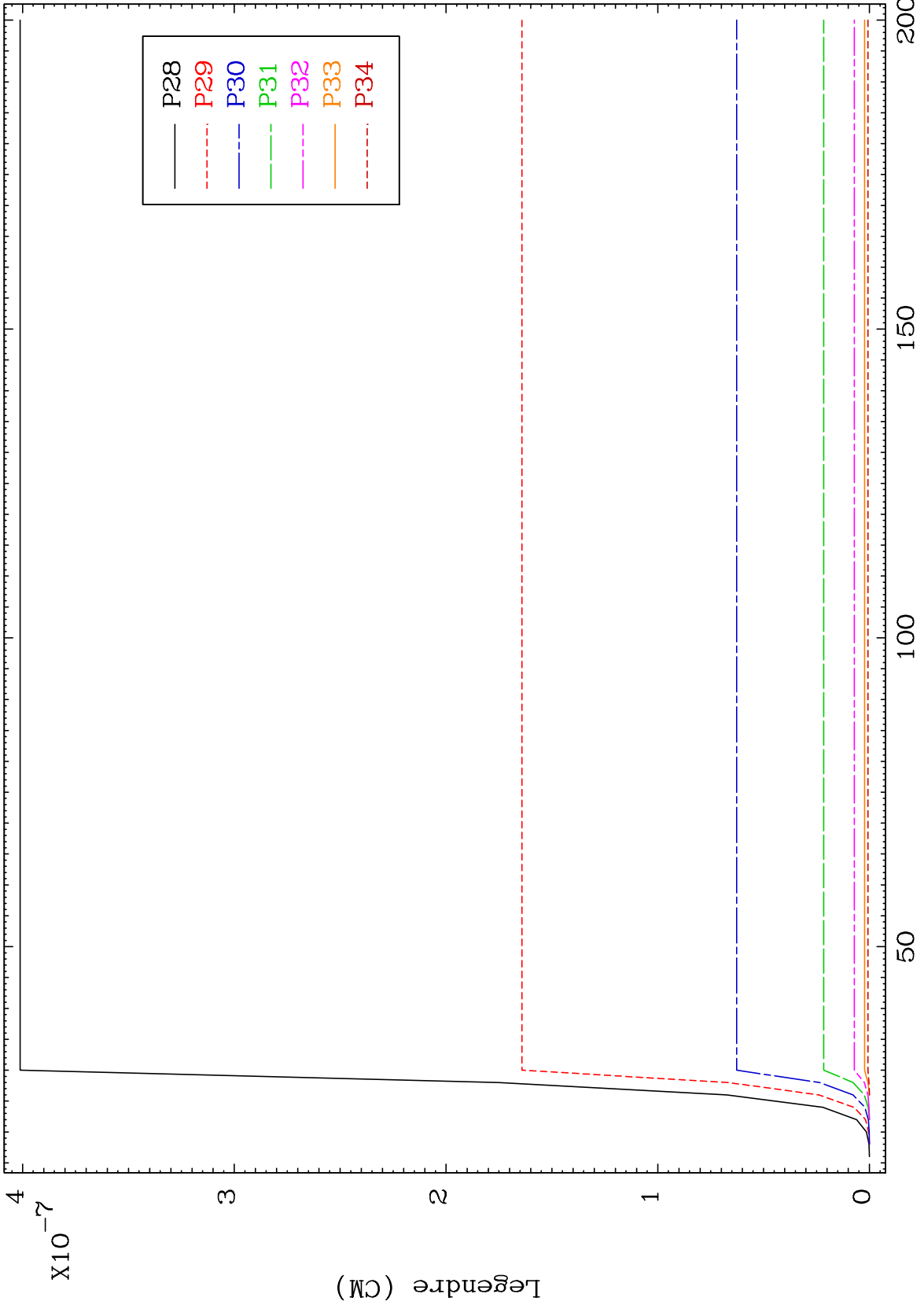
Incident Energy (MeV)

28

MAT 5088

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

50-Sn-133

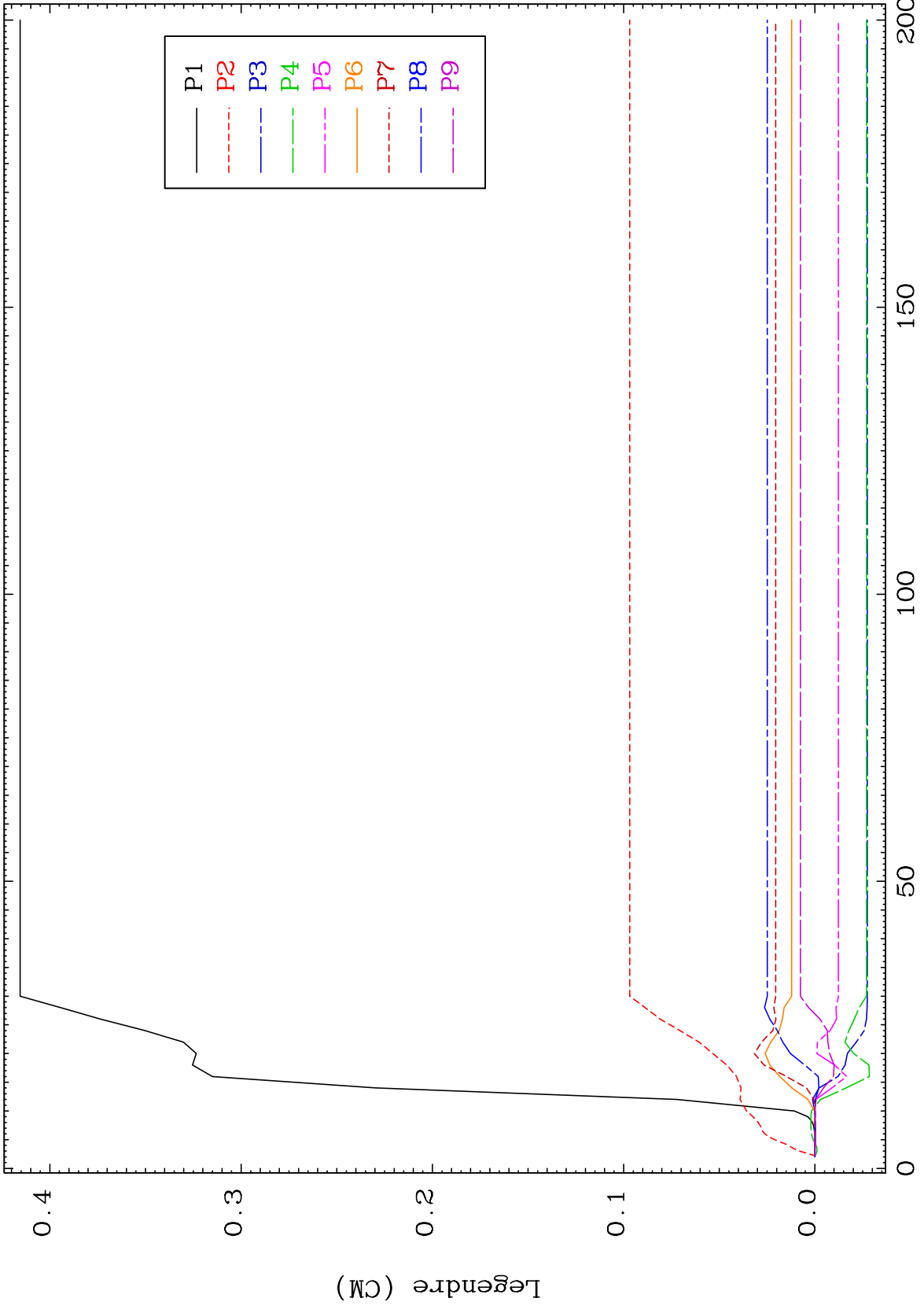


29

Incident Energy (MeV)

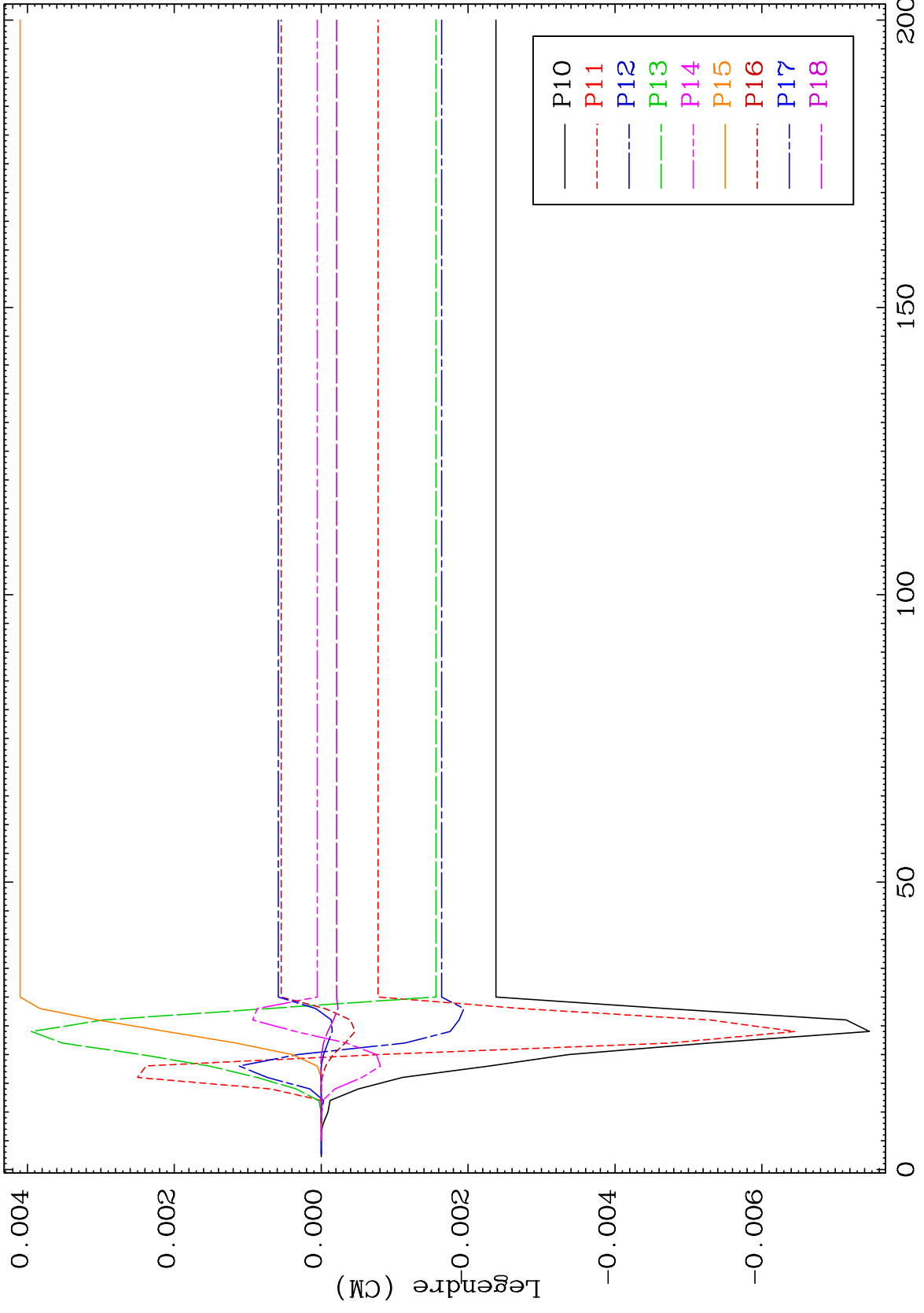
50-Sn-133

MAT 5088 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-133



Legendre (CM) Incident Energy (MeV) 50-Sn-133

MAT 5088 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-133

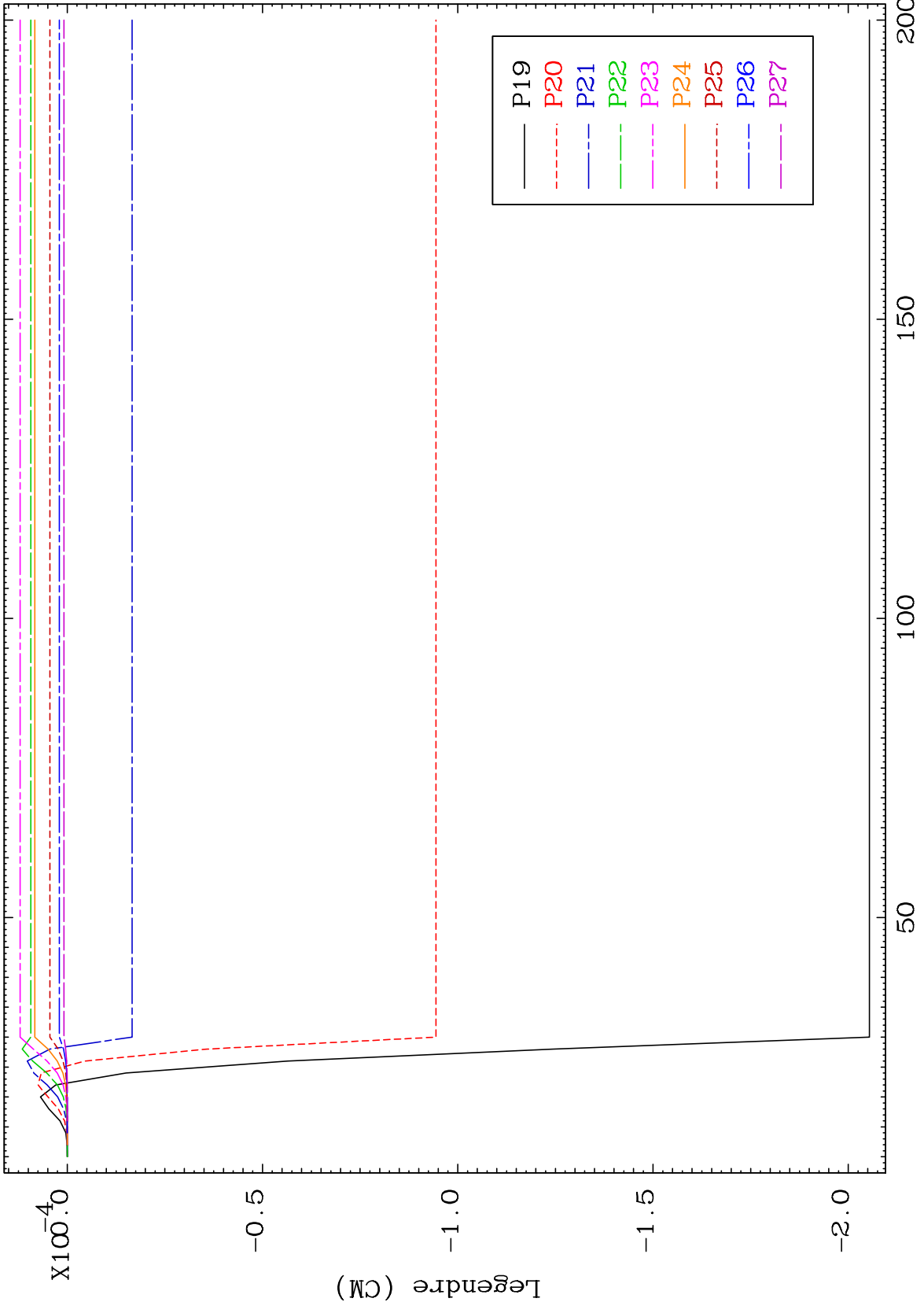


31 50-Sn-133

MAT 5088

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

50-Sn-133



50-Sn-133

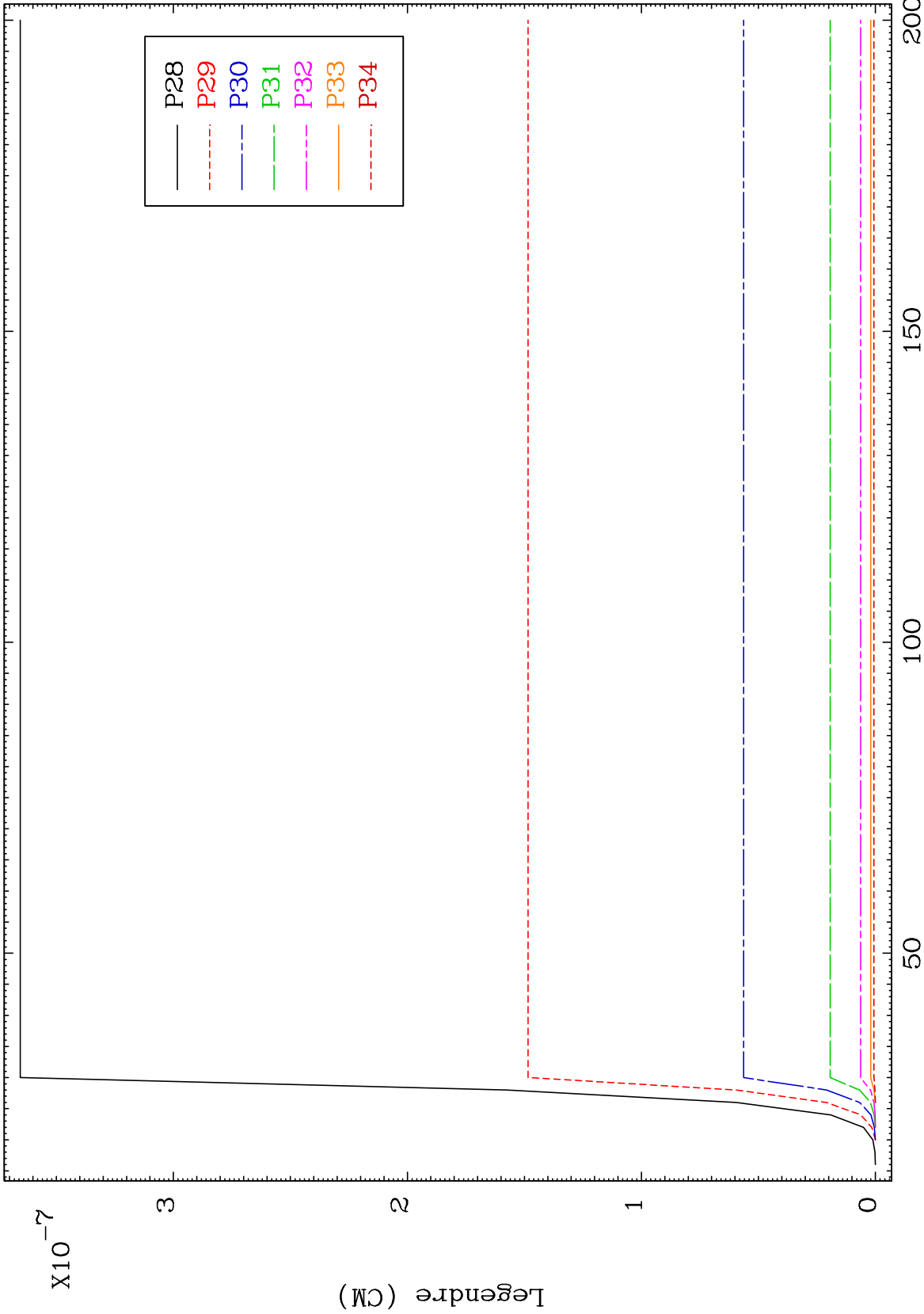
Incident Energy (MeV)

32

MAT 5088

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

50-Sn-133

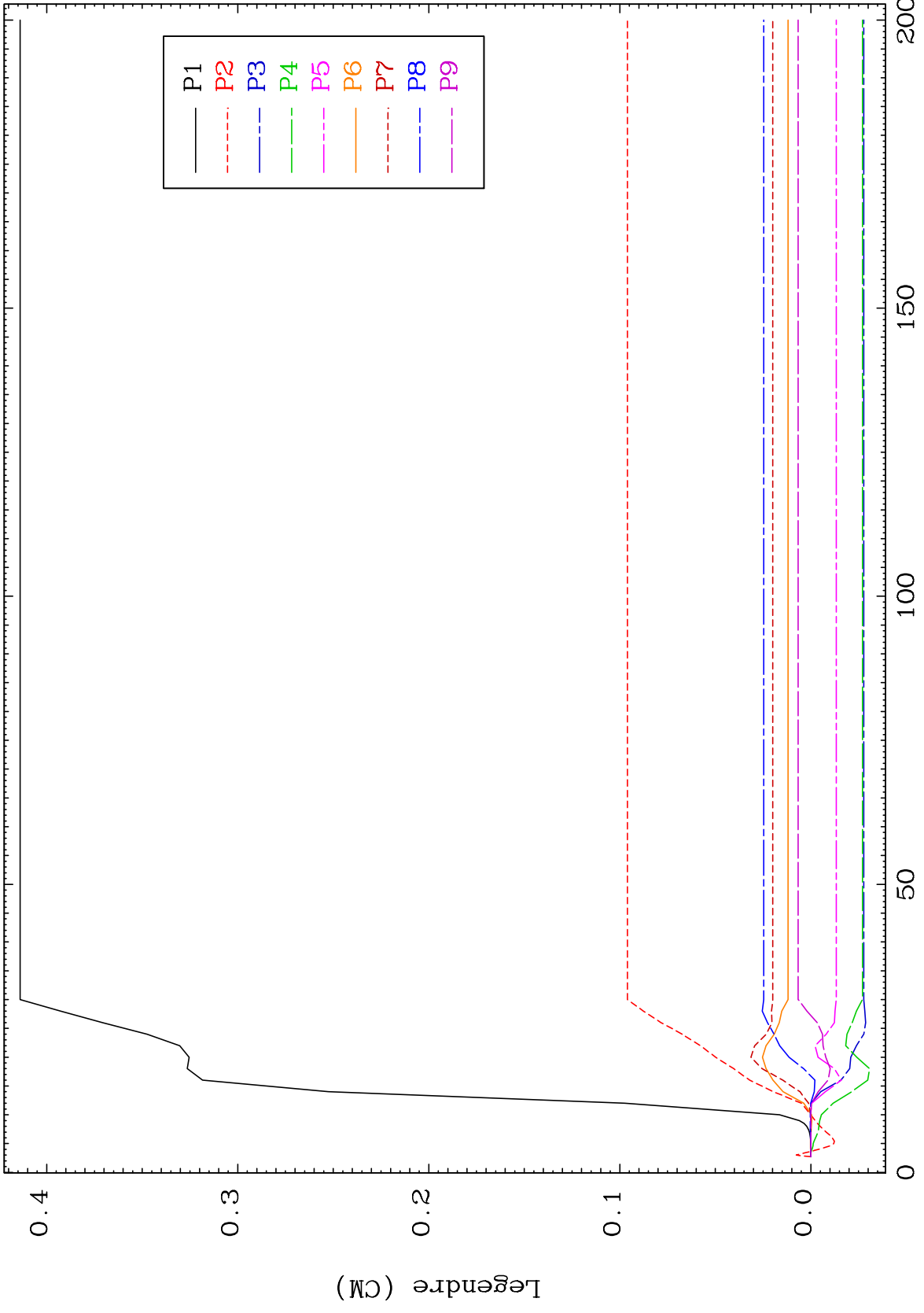


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Incident Energy (MeV)

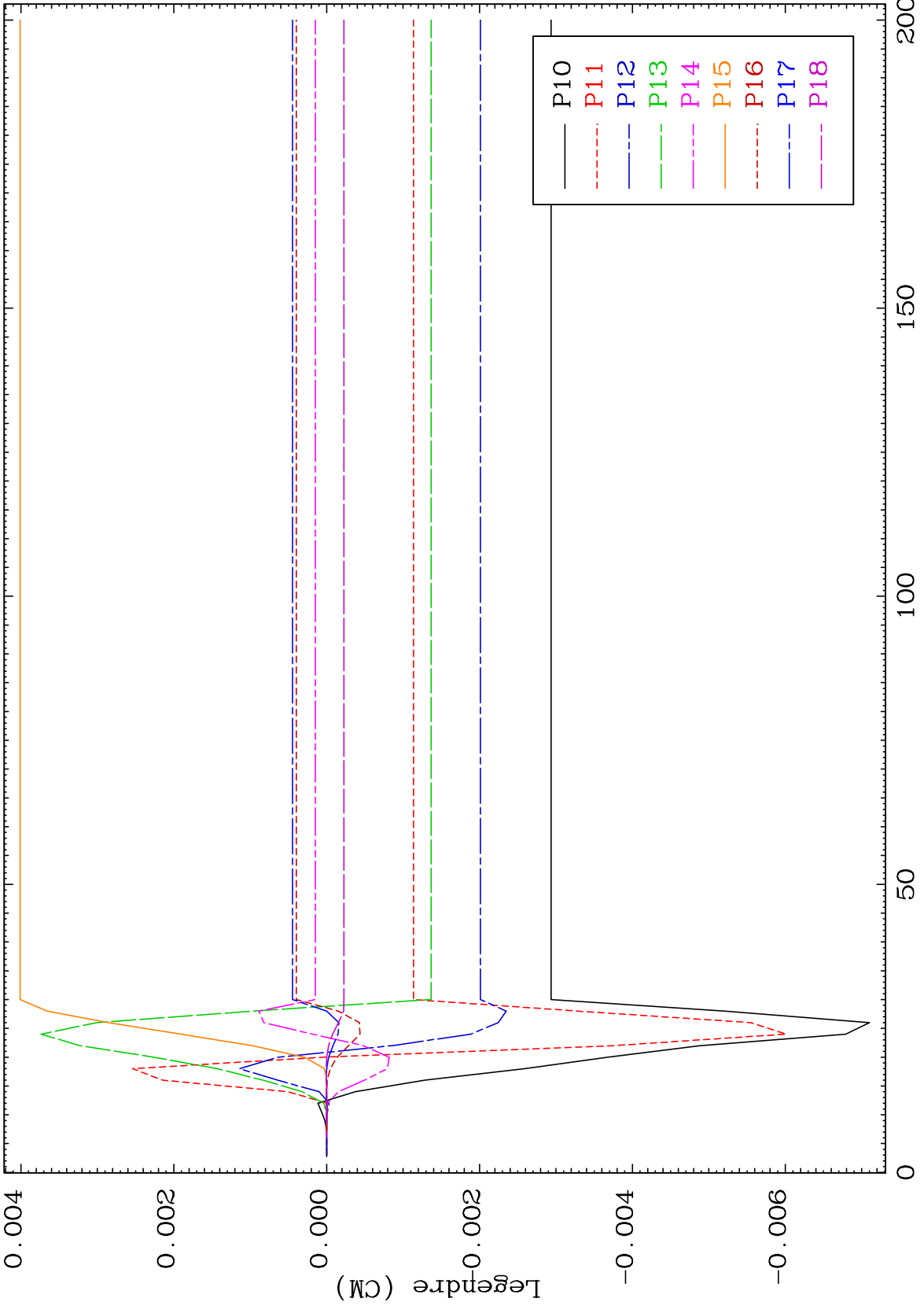
50-Sn-133

MAT 5088 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-133



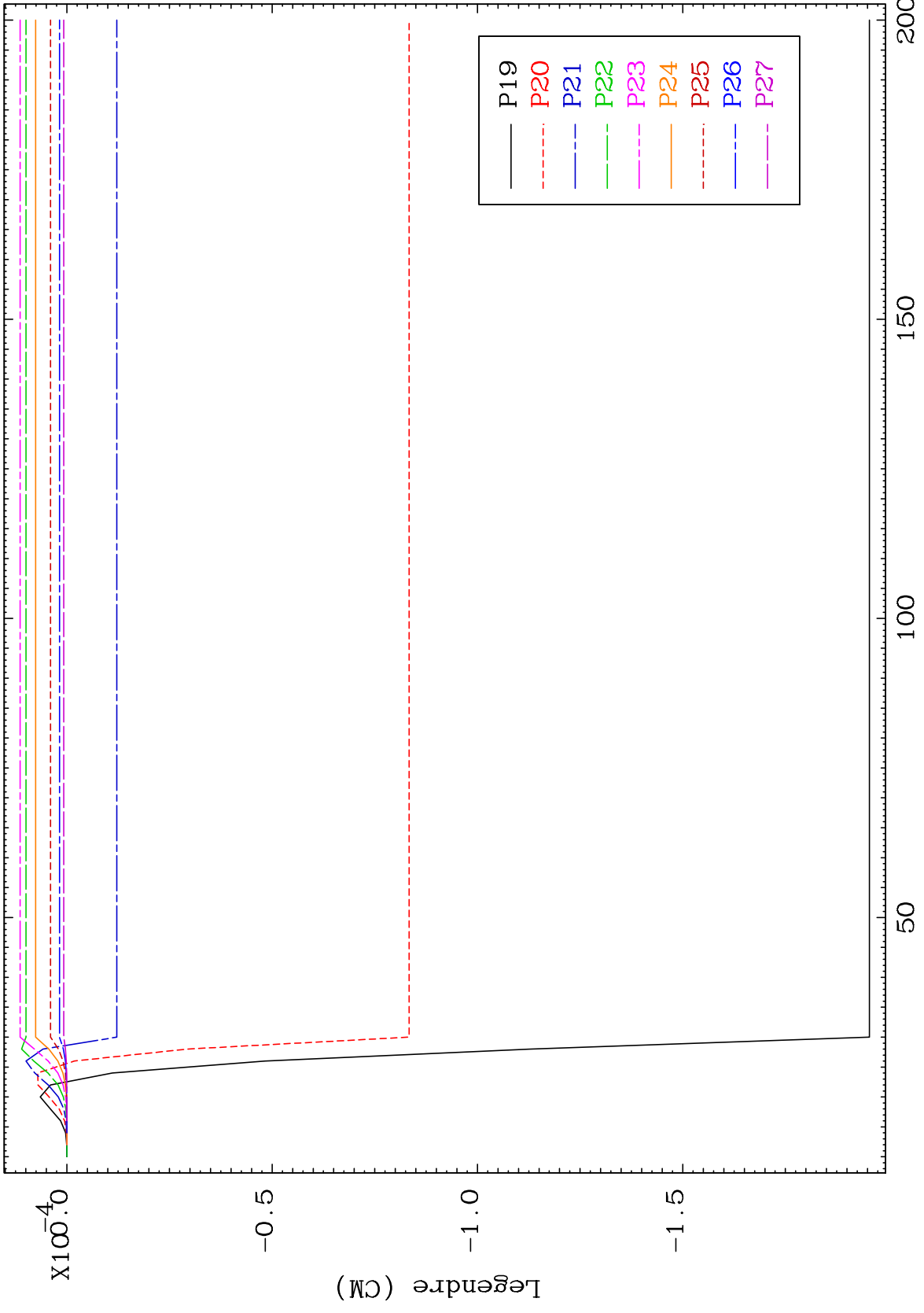
34 50-Sn-133

MAT 5088 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-133



35 Incident Energy (MeV) 50-Sn-133

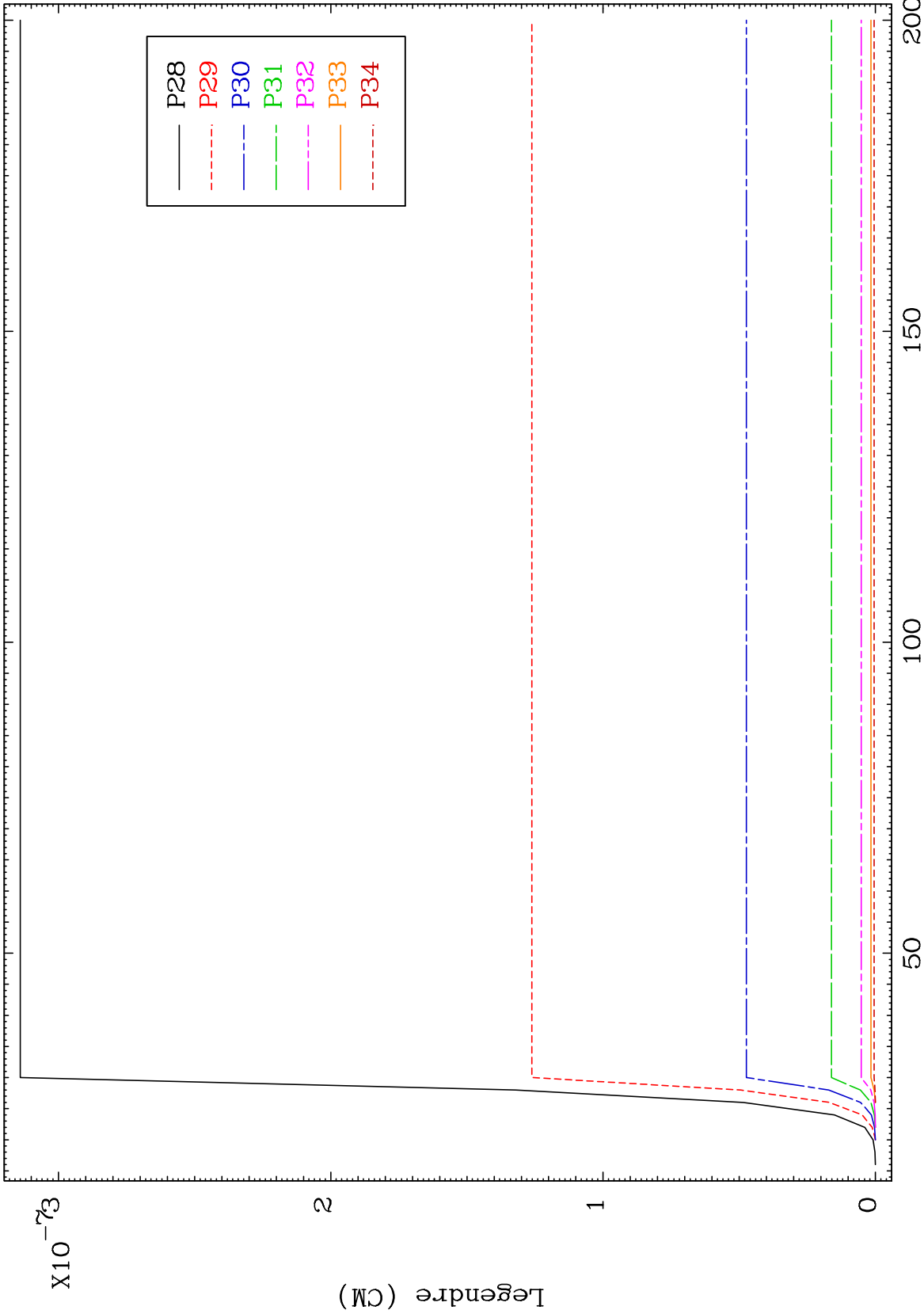
MAT 5088 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-133



MAT 5088

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

50-Sn-133



37

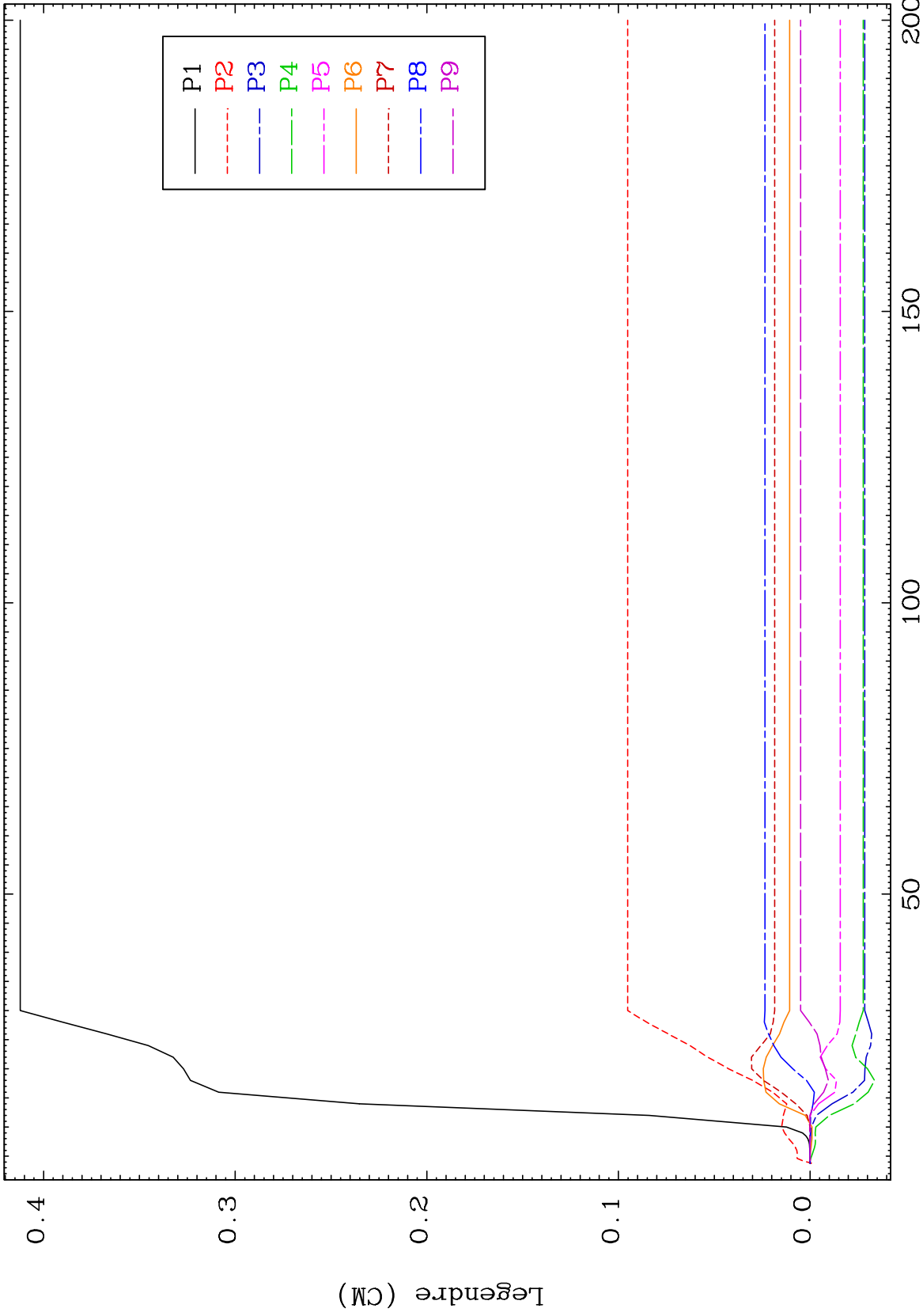
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



38

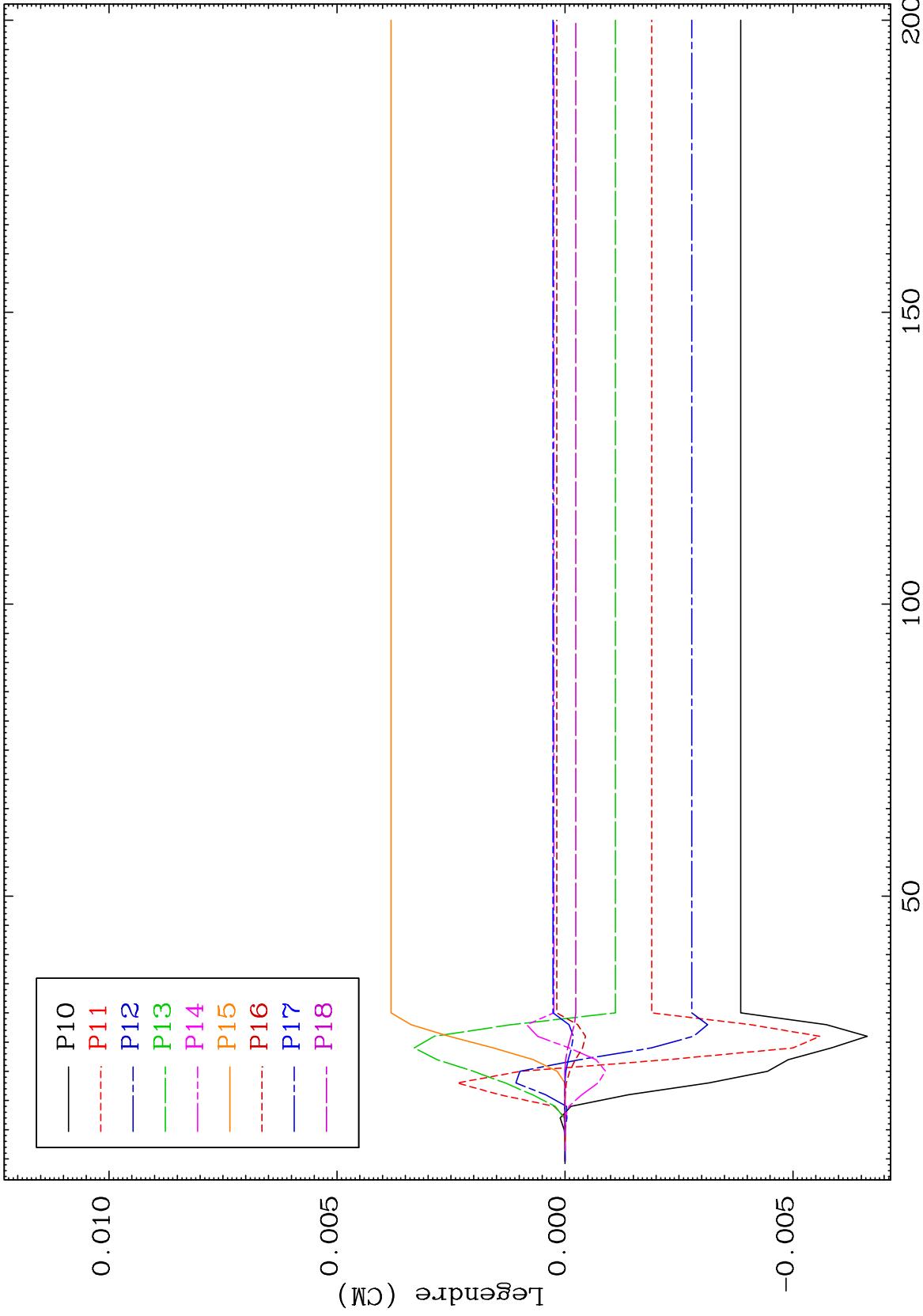
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133

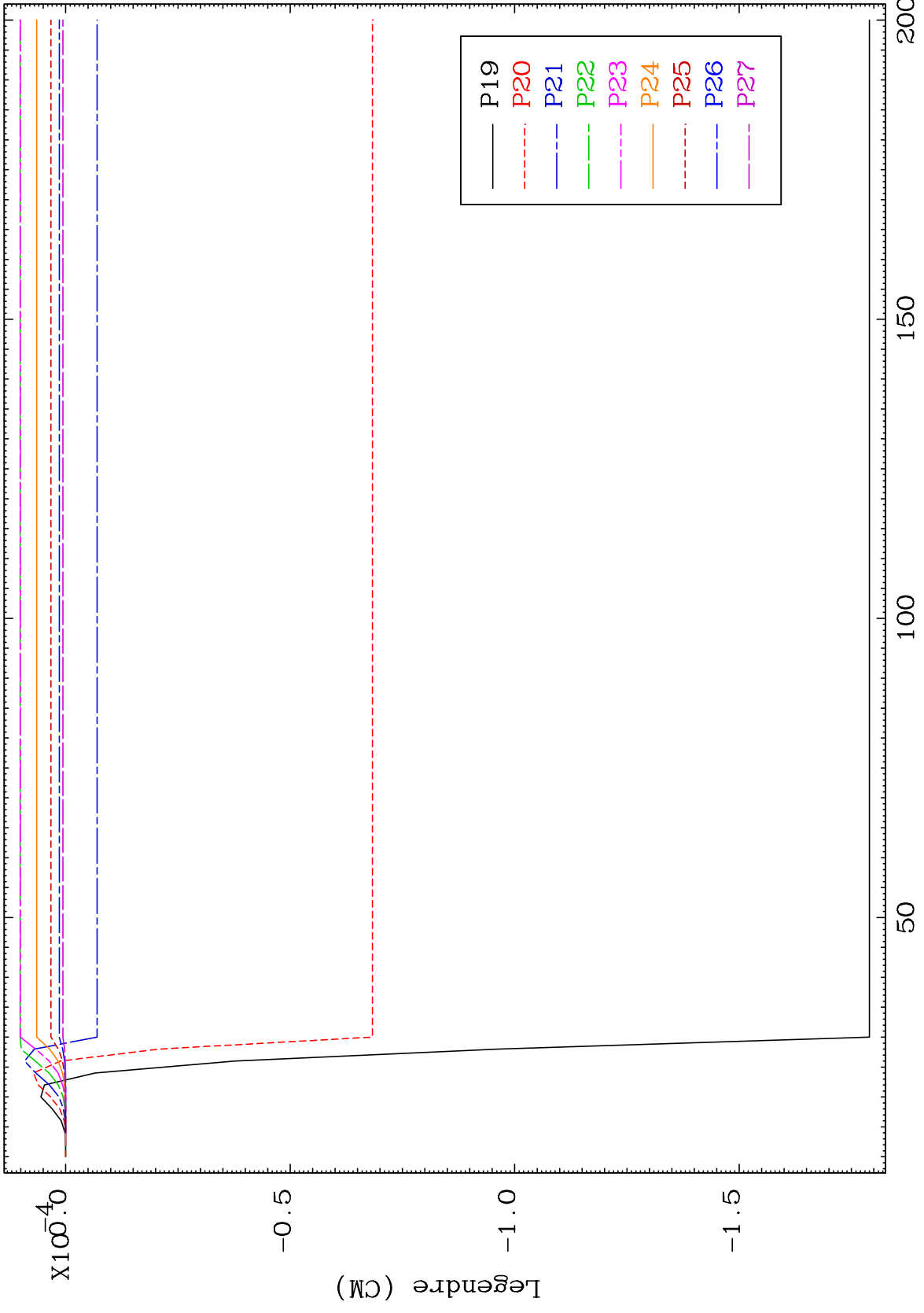


39

Incident Energy (MeV)

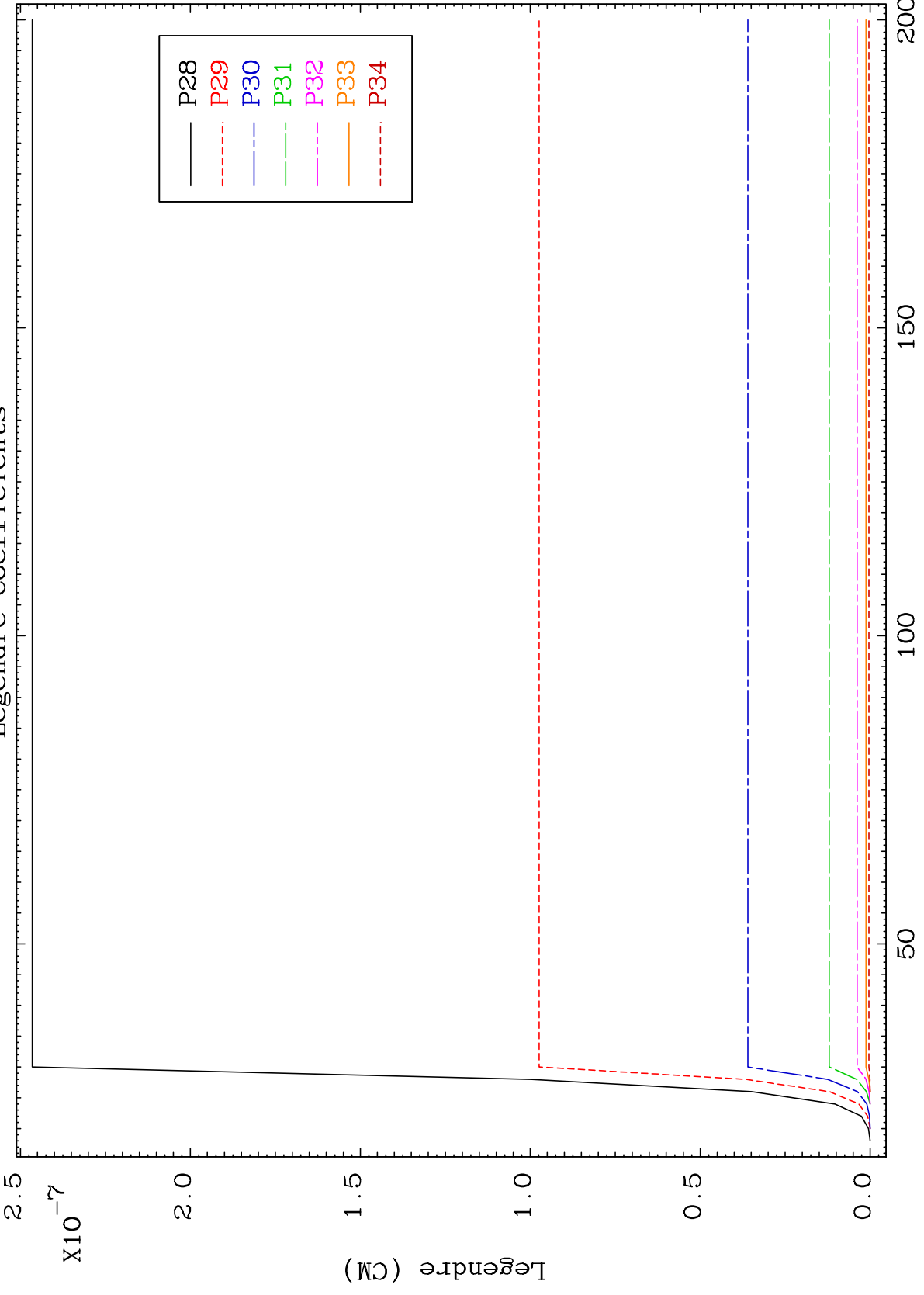
50-Sn-133

MAT 5088 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-133



40 50 100 150 200 Incident Energy (MeV) 50-Sn-133

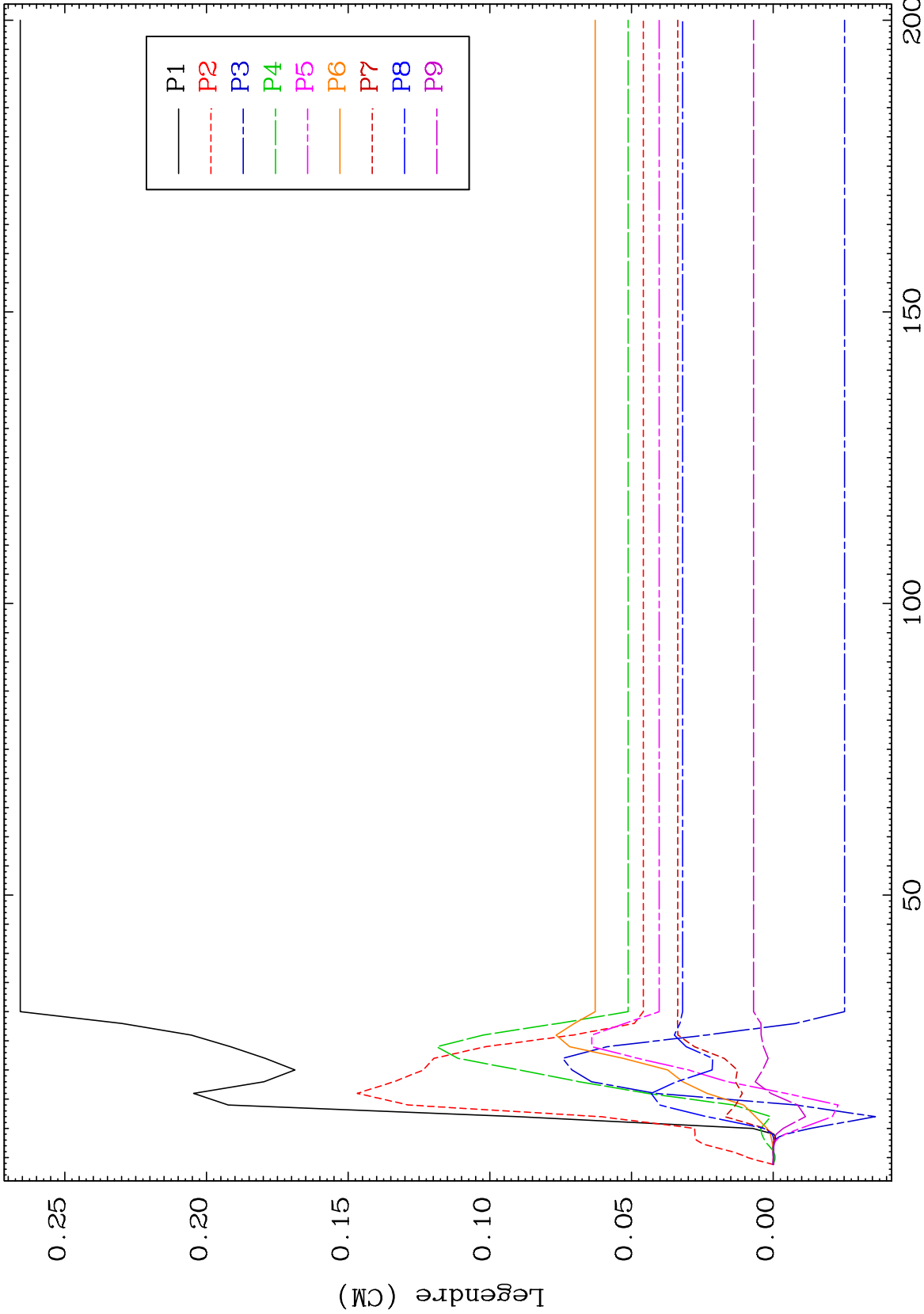
MAT 5088 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-133



MAT 5088

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

50-Sn-133



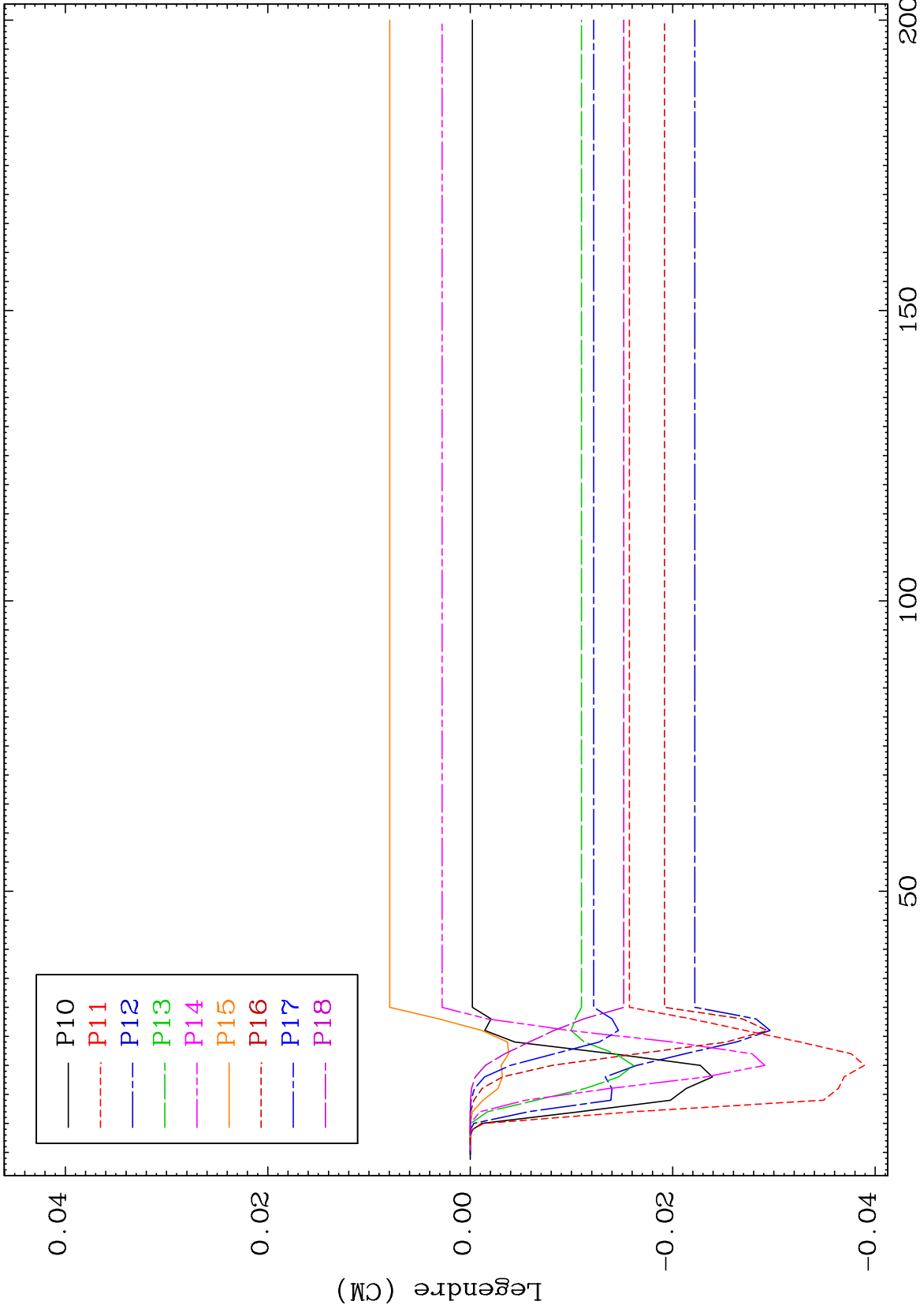
42

50-Sn-133

MAT 5088

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

50-Sn-133

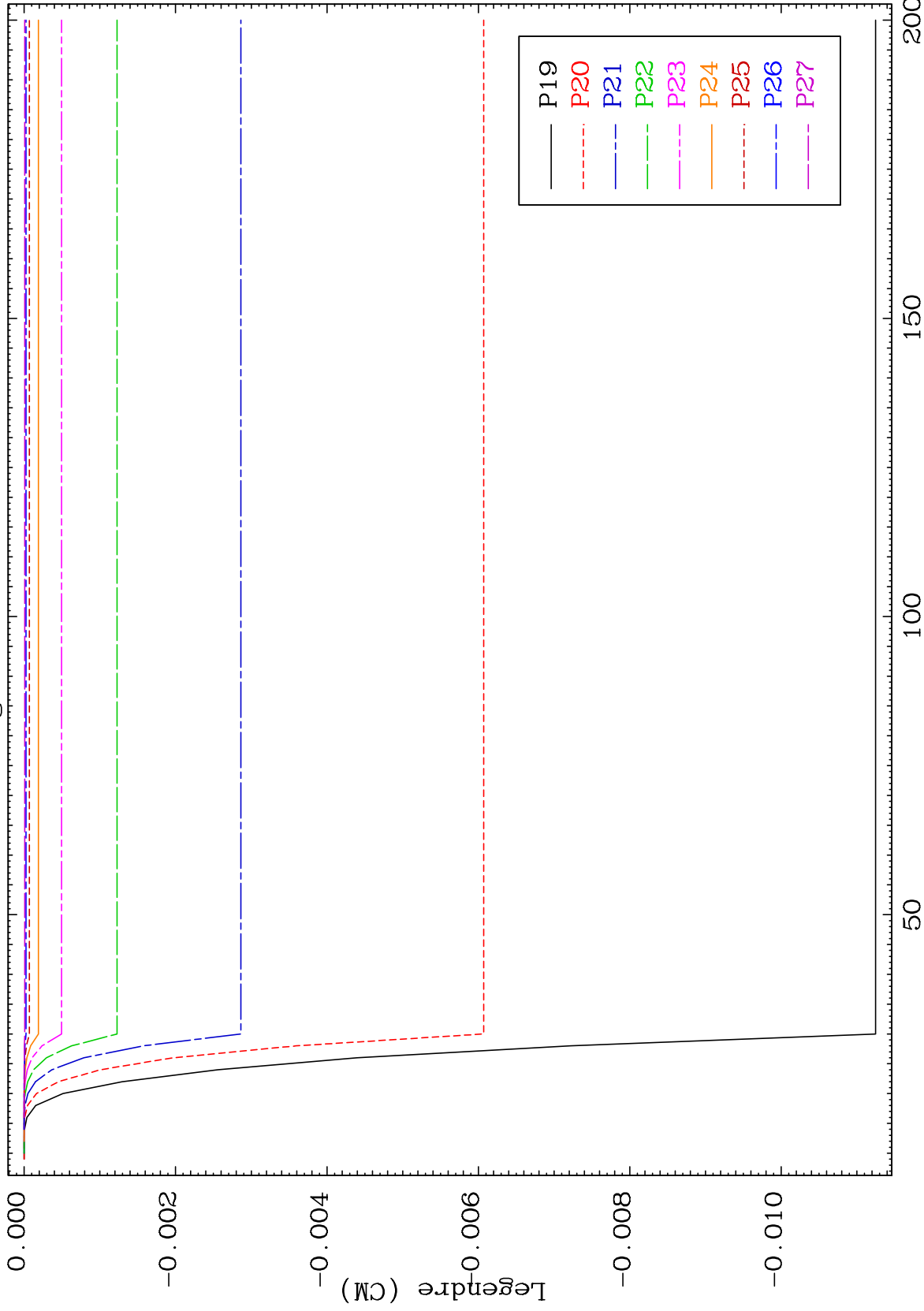


43

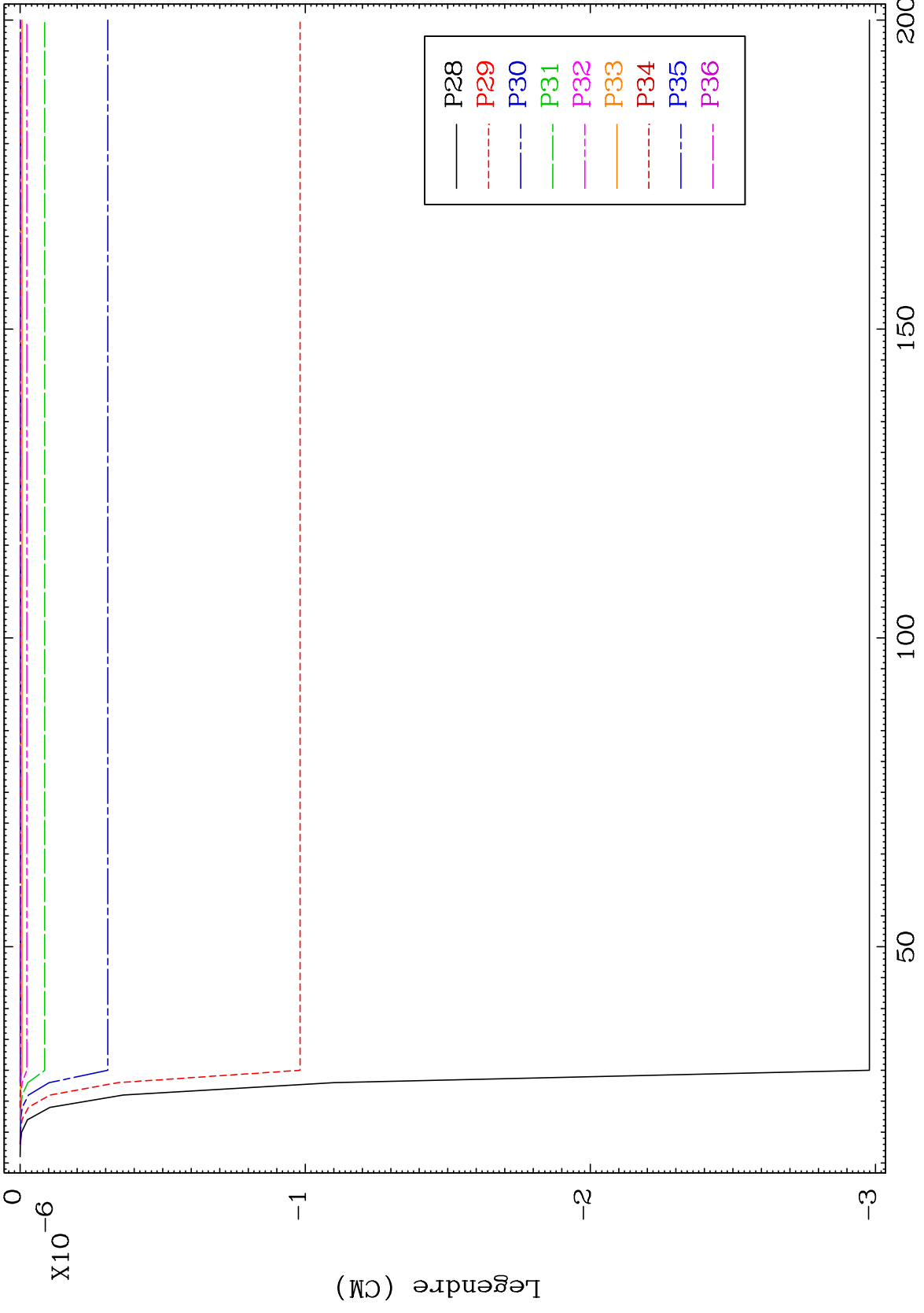
Incident Energy (MeV)

50-Sn-133

MAT 5088 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-133



MAT 5088 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-133

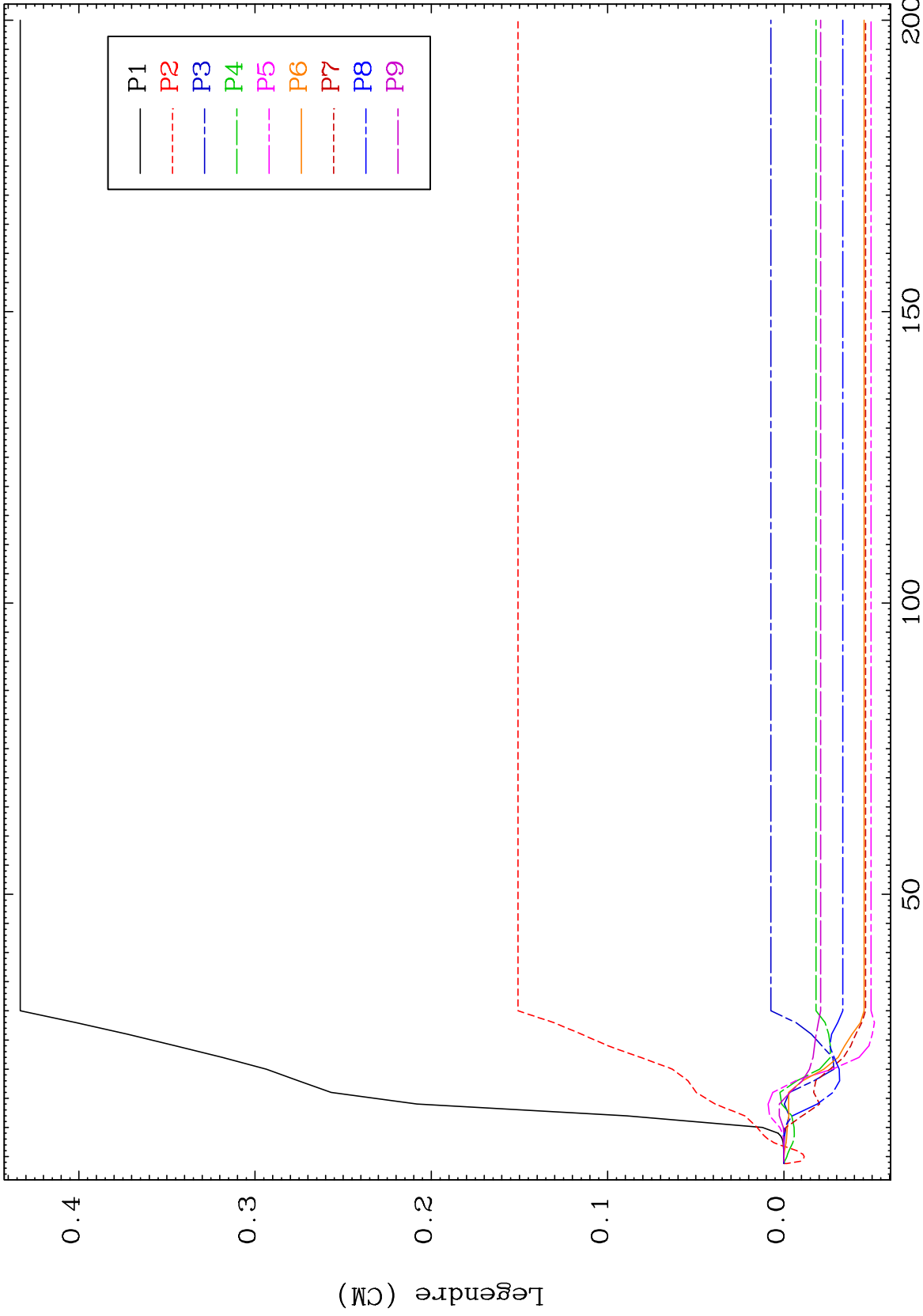


45 Incident Energy (MeV) 50-Sn-133

MAT 5088

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

50-Sn-133



46

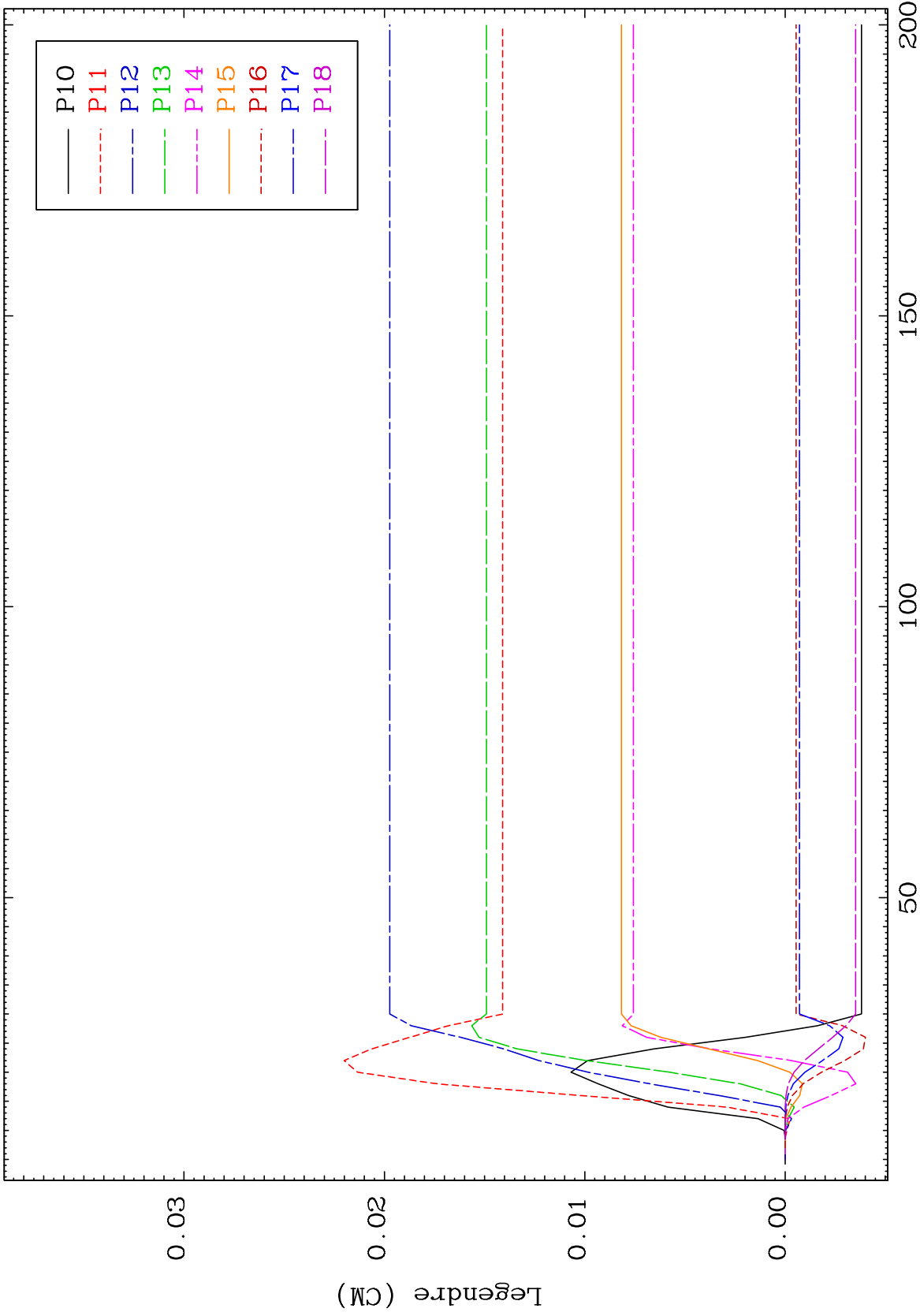
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



47

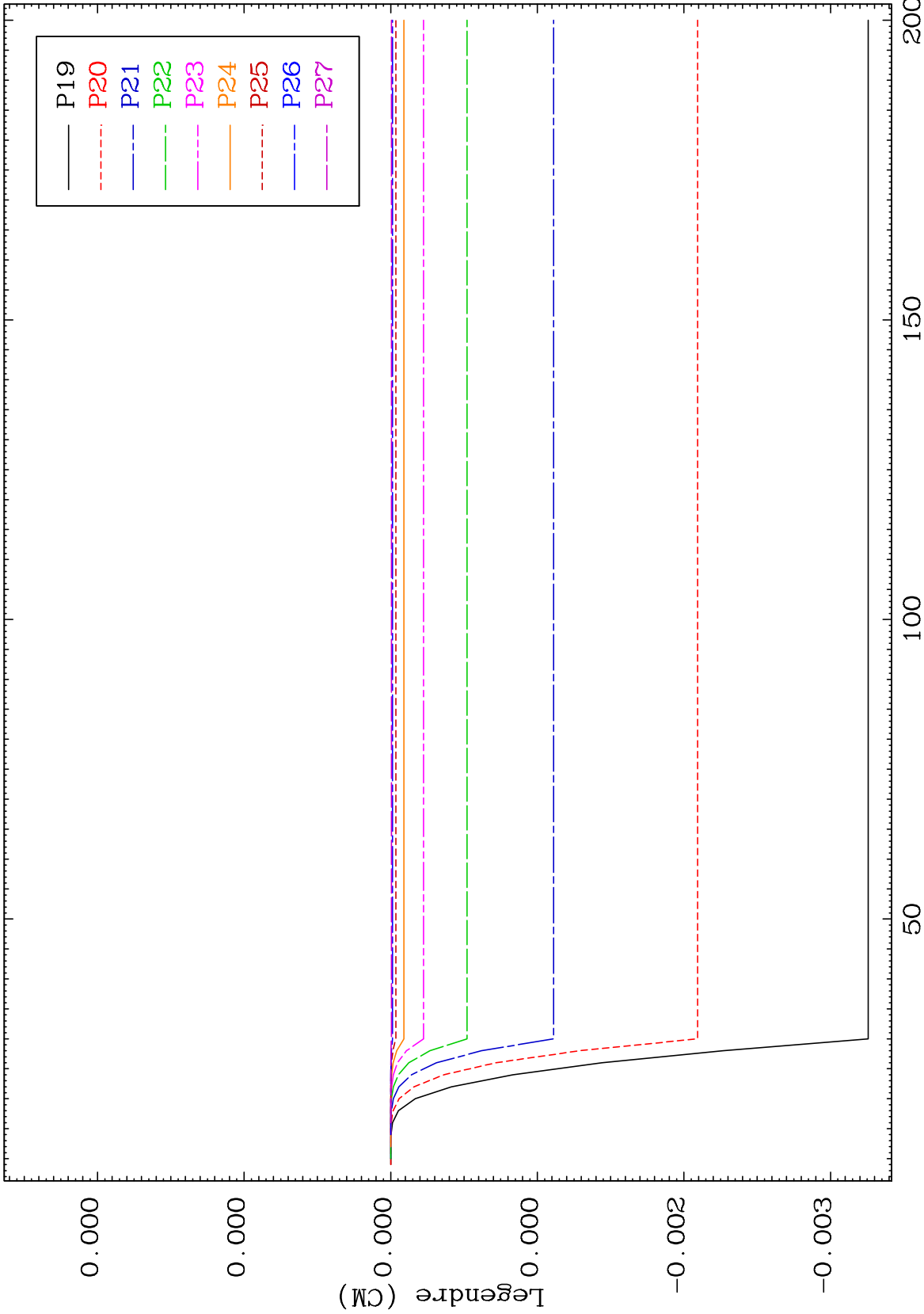
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133

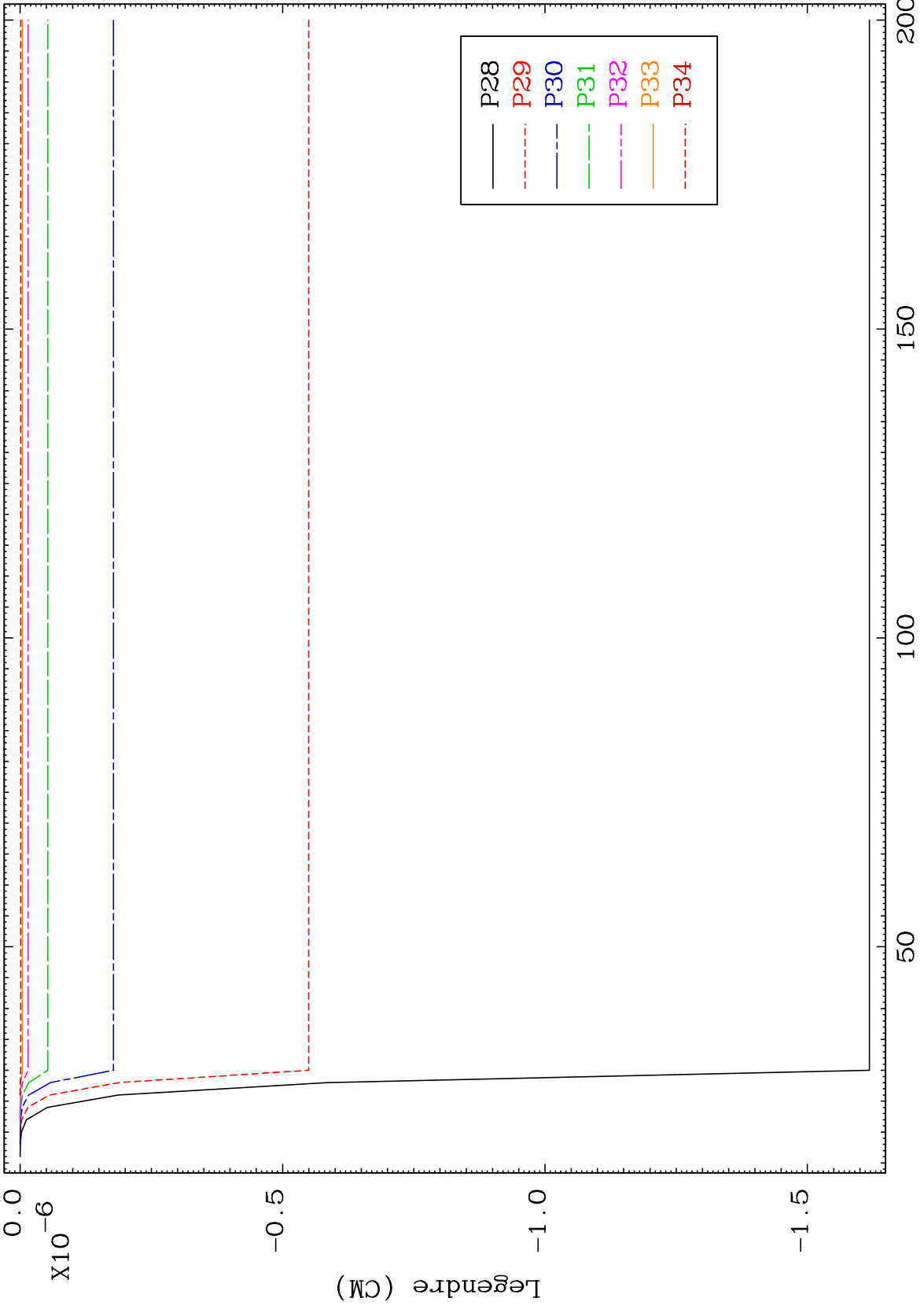


48

Incident Energy (MeV)

50-Sn-133

MAT 5088 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-133

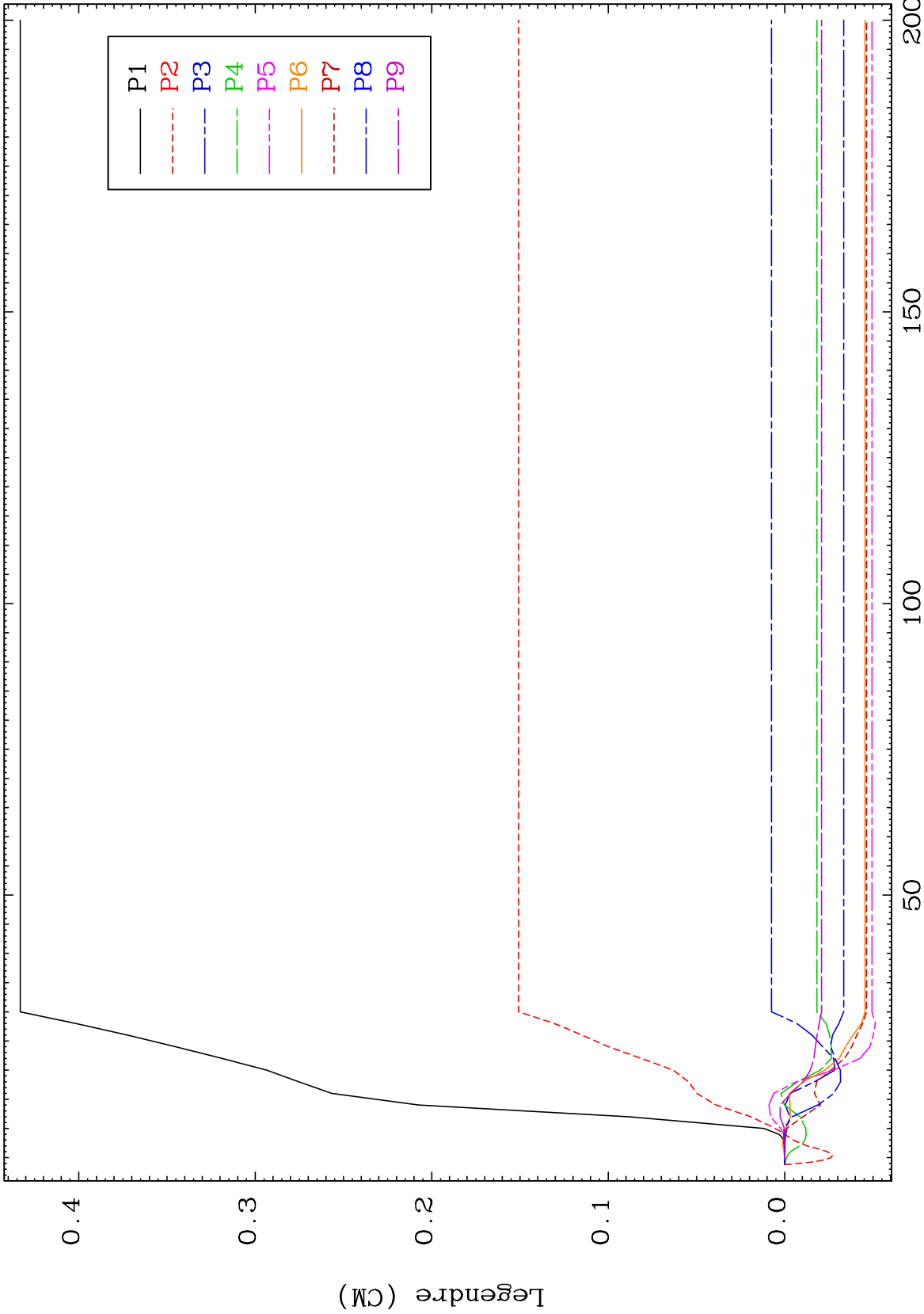


49 50-Sn-133

MAT 5088

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

50-Sn-133



50

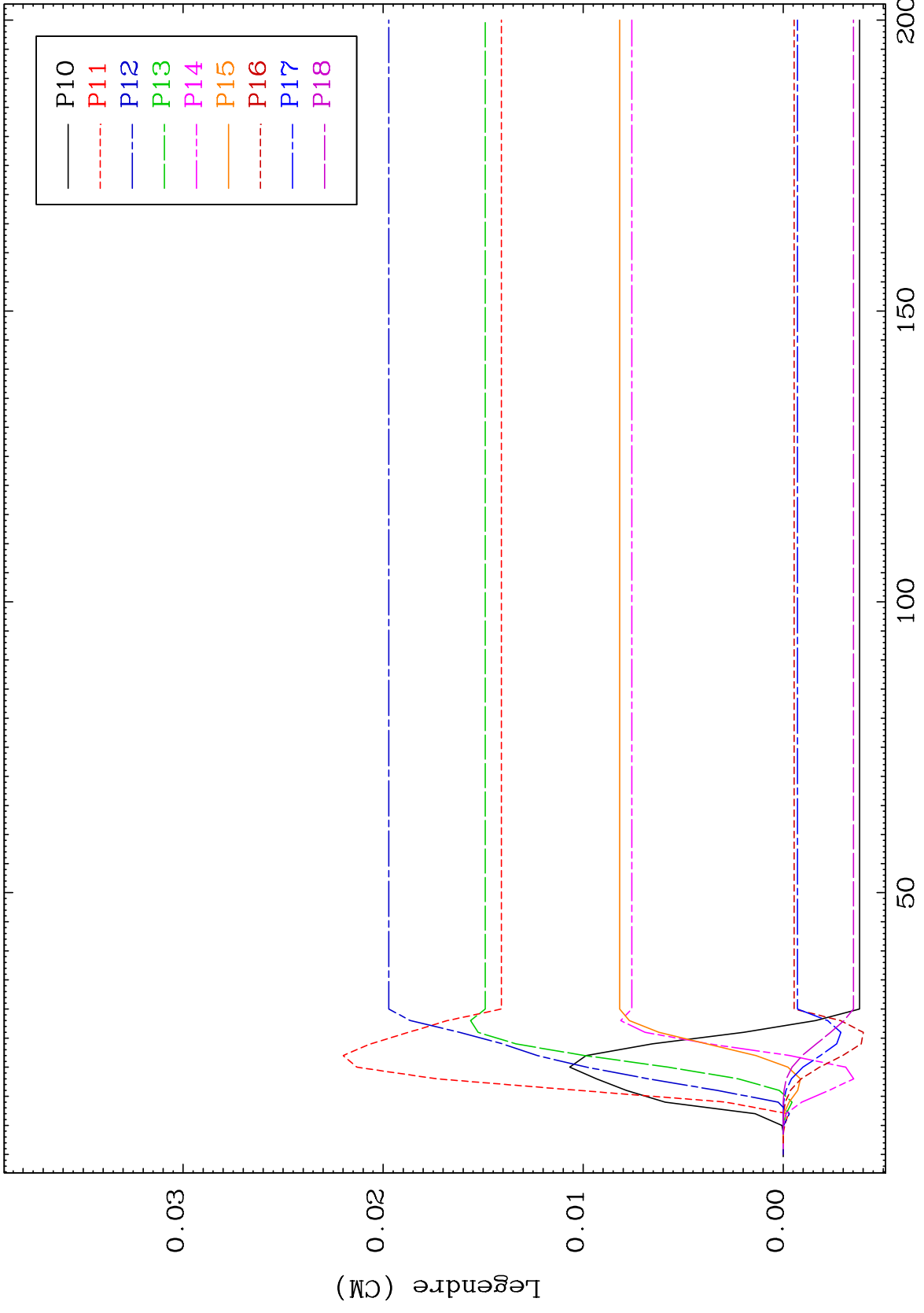
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

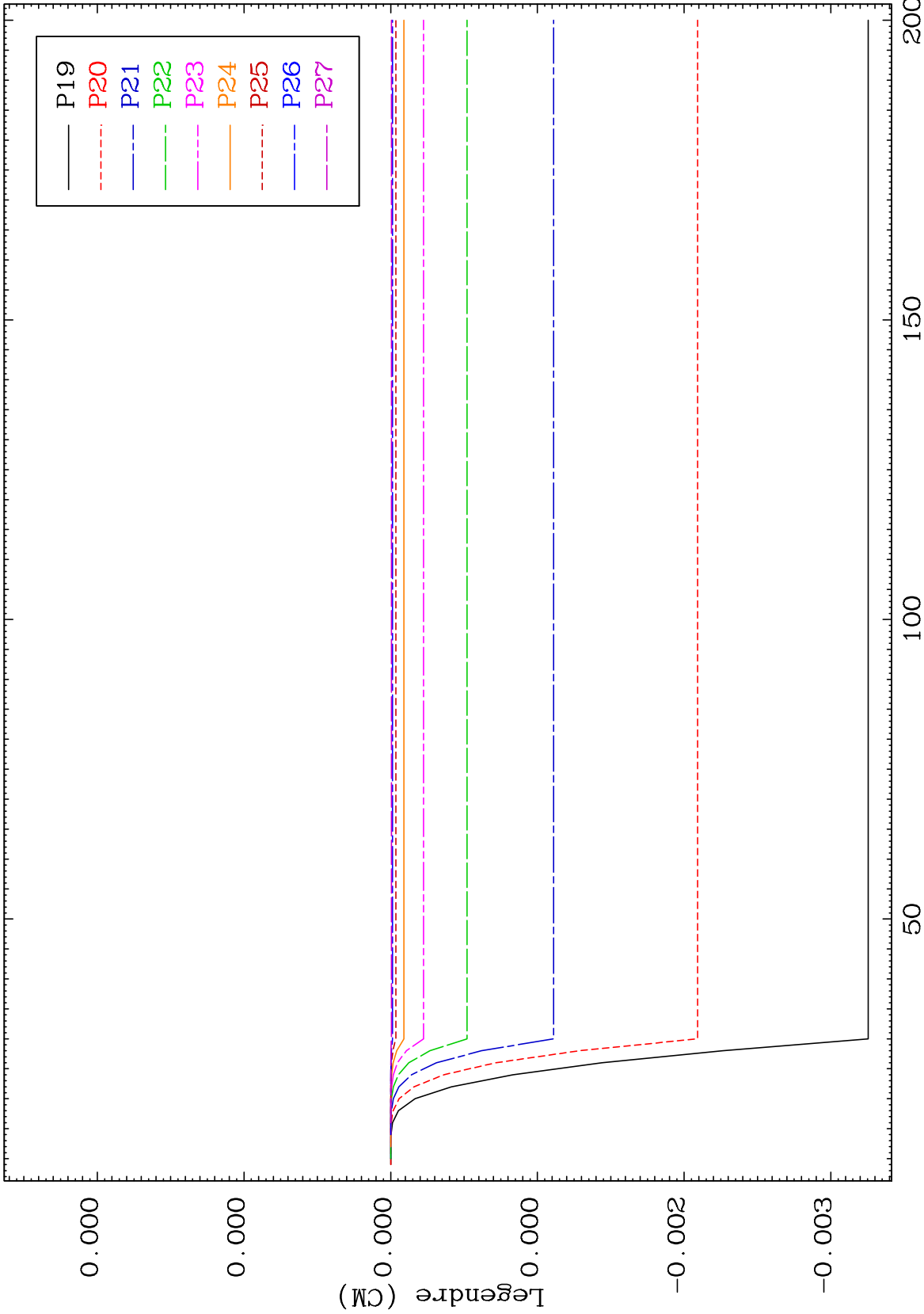
50-Sn-133



MAT 5088

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

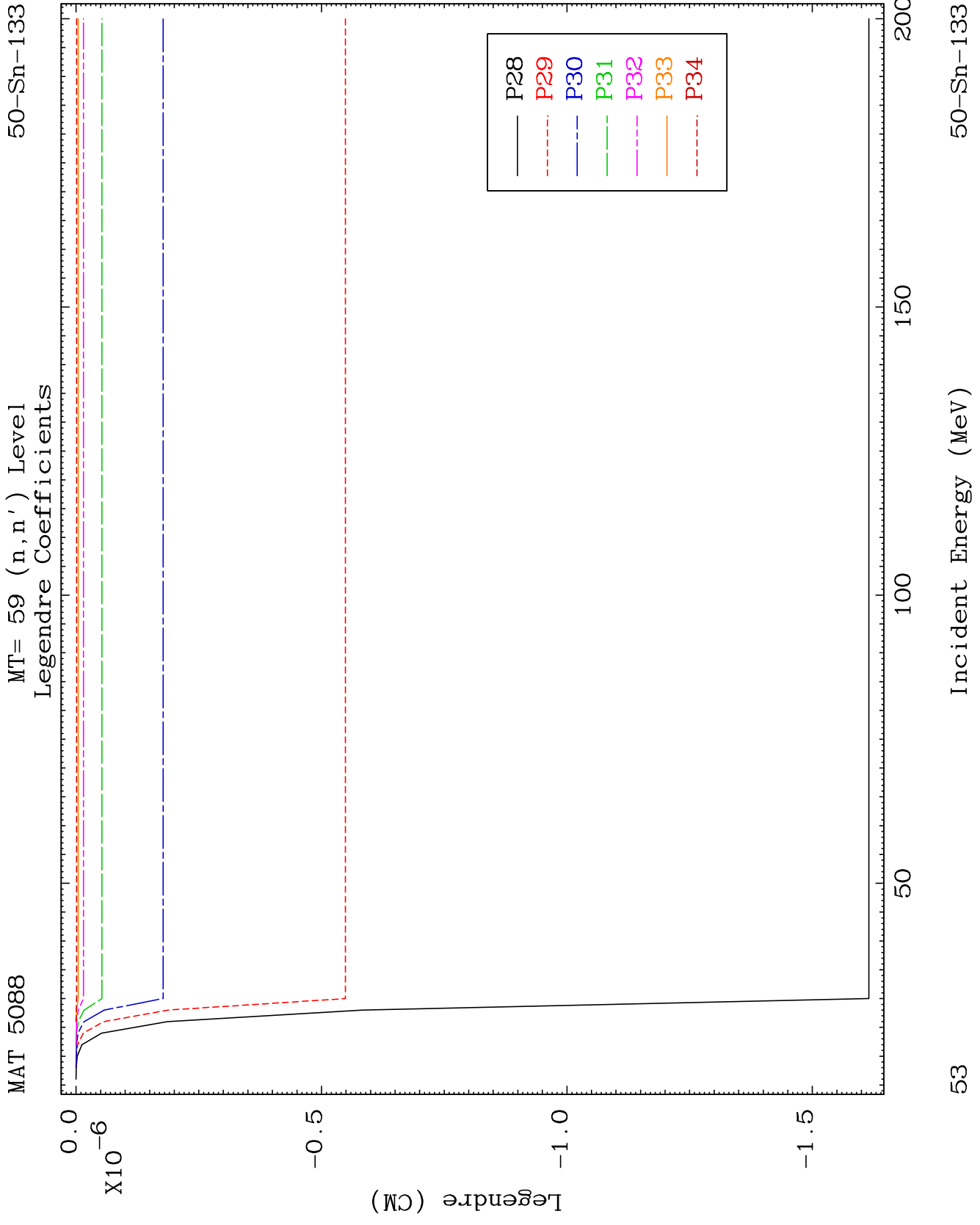
50-Sn-133



52

Incident Energy (MeV)

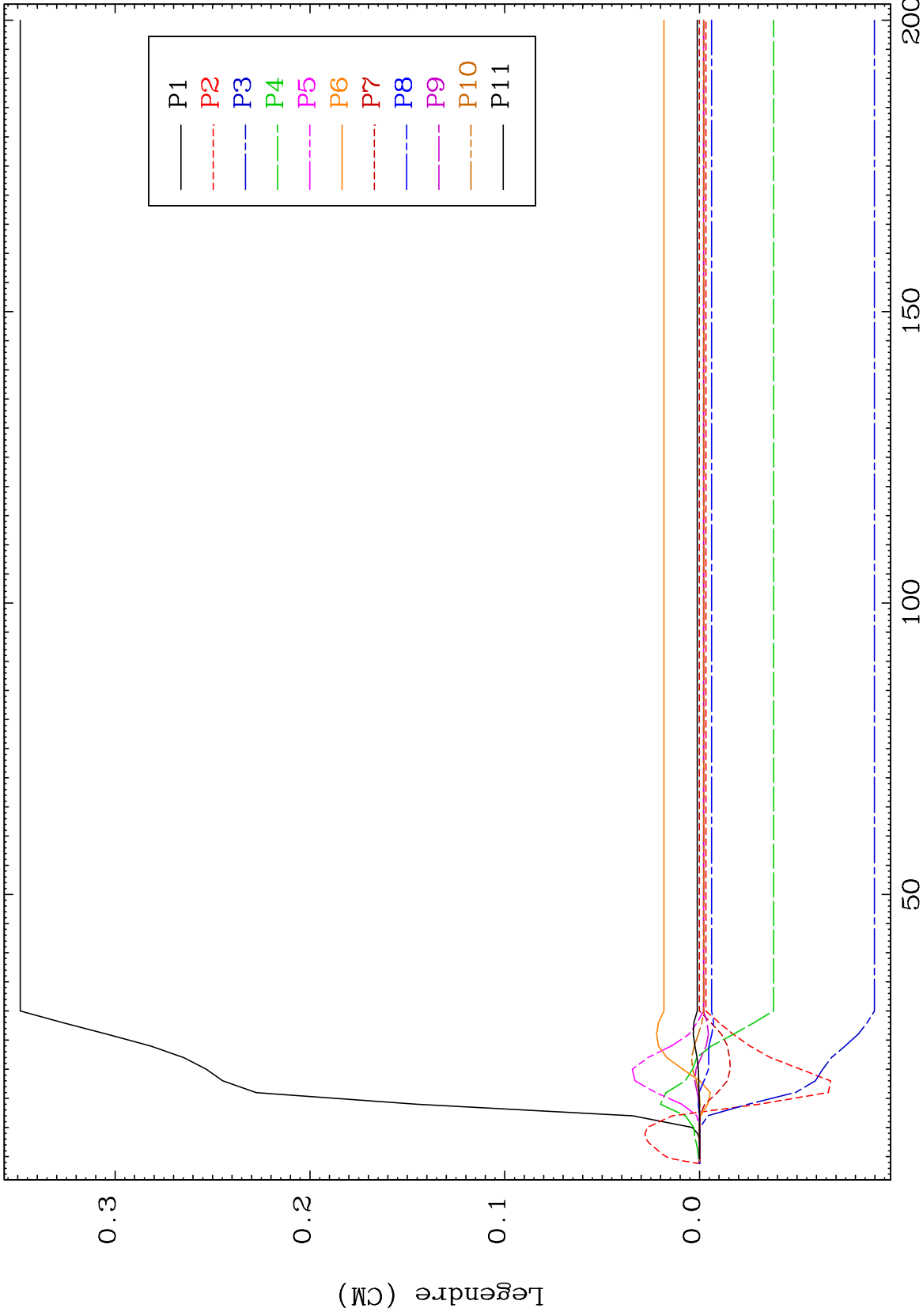
50-Sn-133



MAT 5088

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

50-Sn-133



54

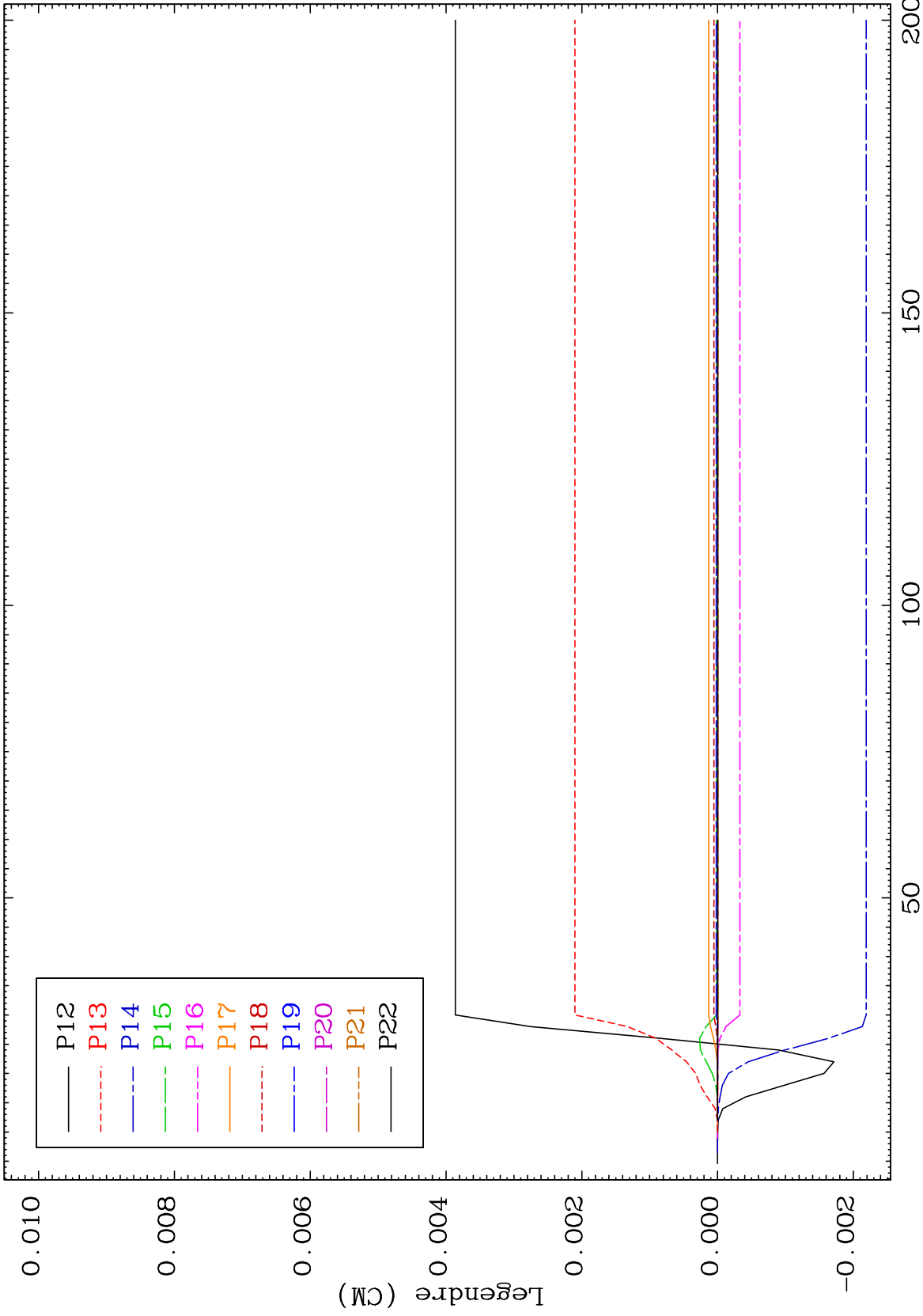
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



55

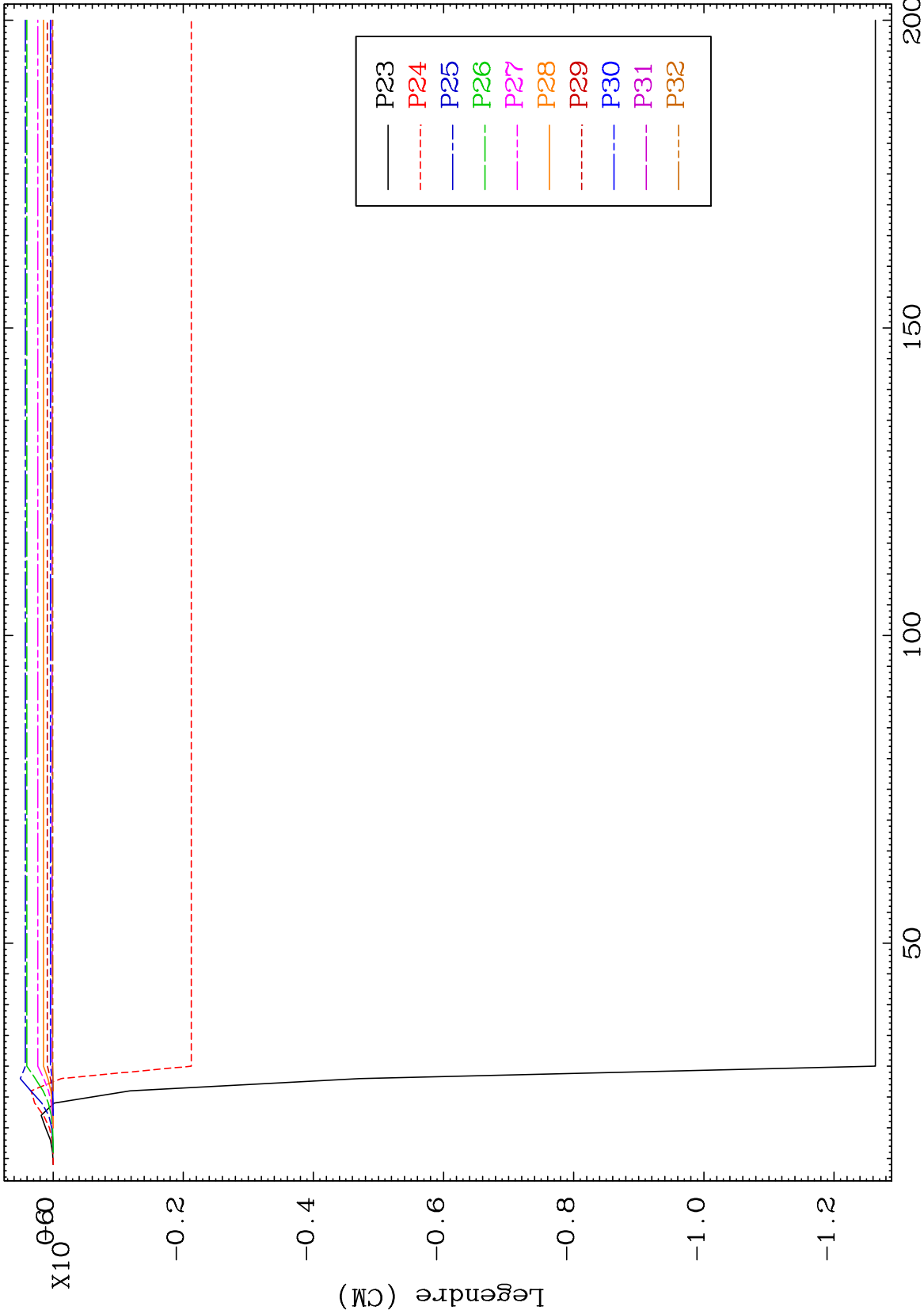
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



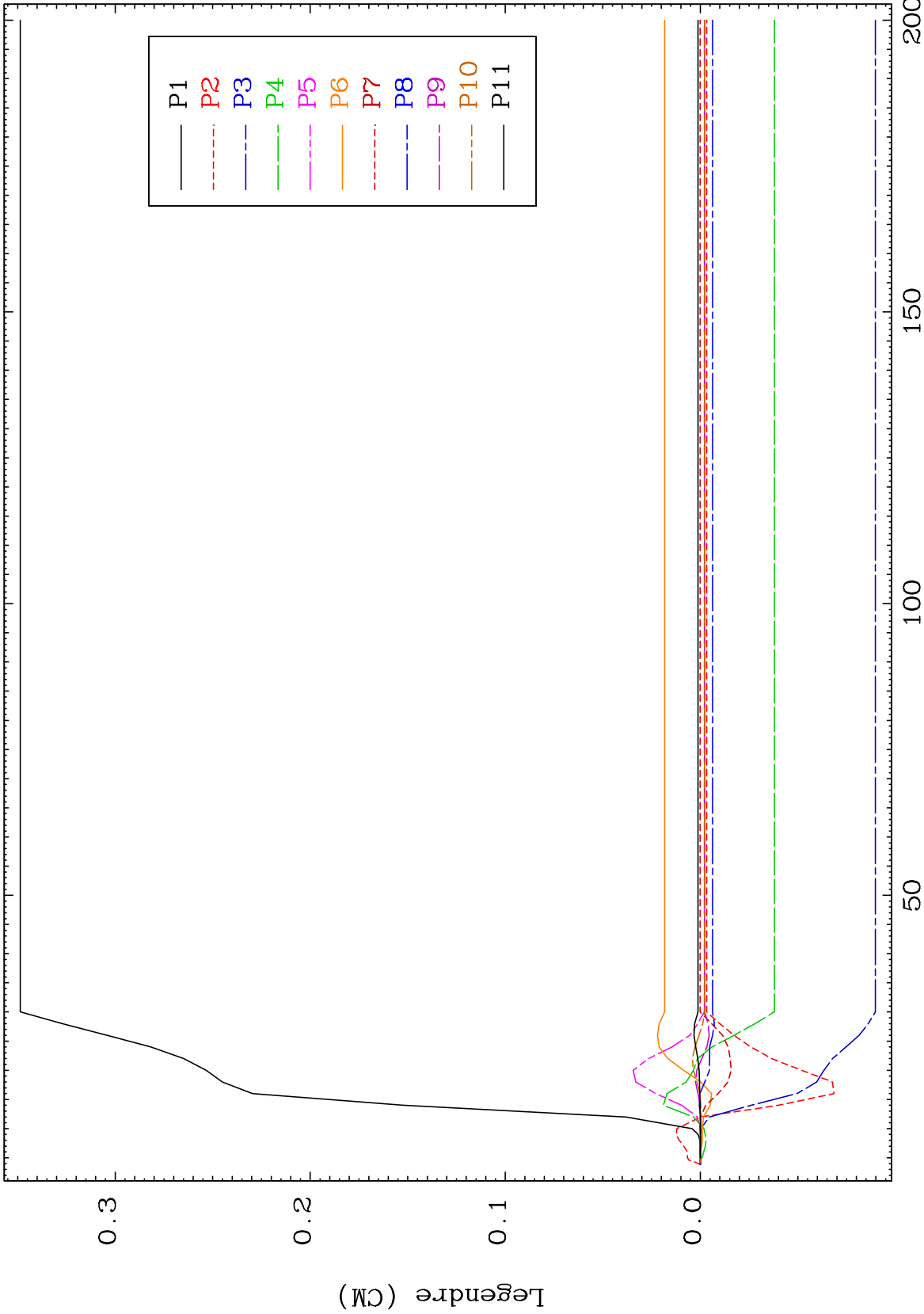
56

50-Sn-133

MAT 5088

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

50-Sn-133



57

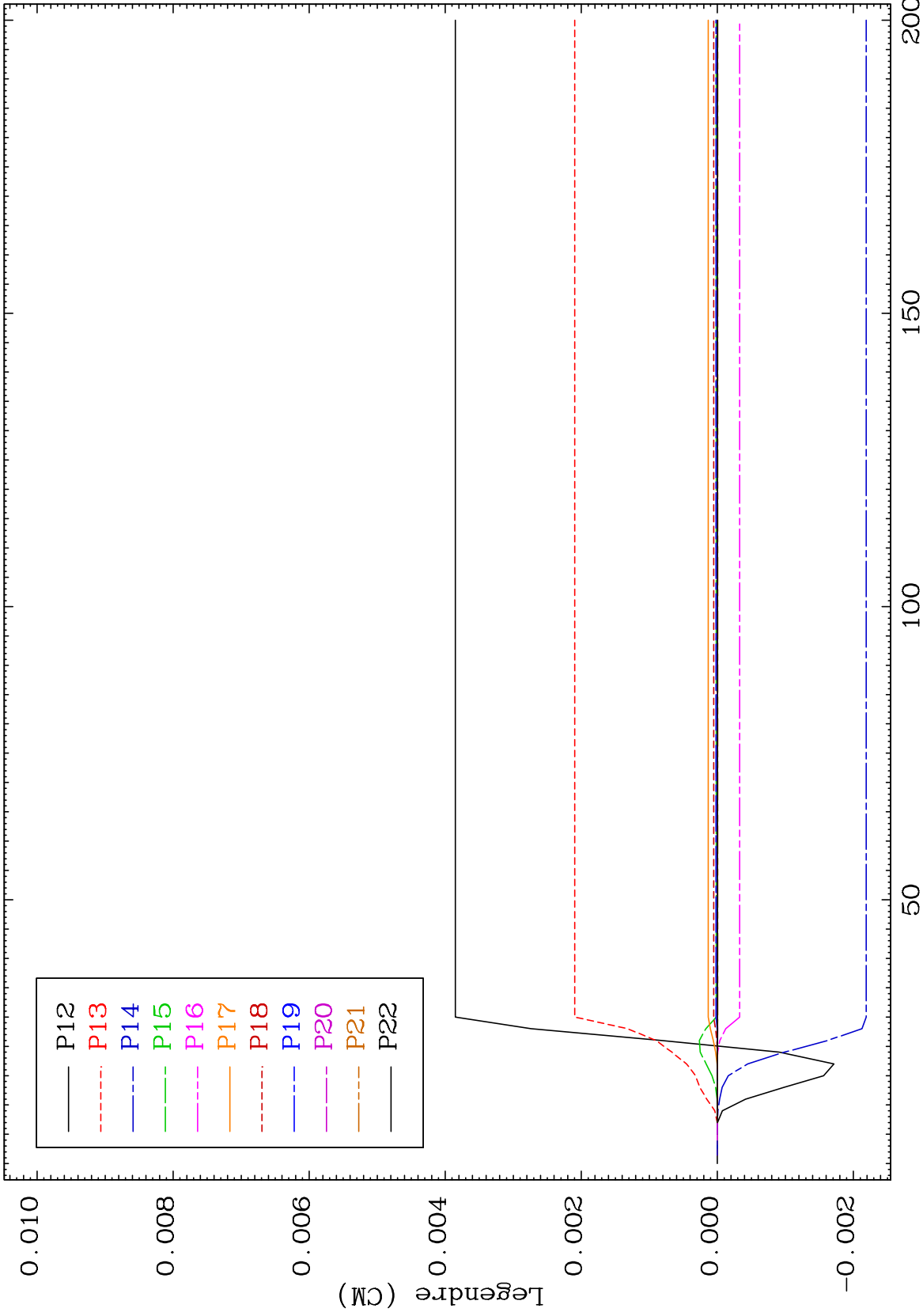
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



58

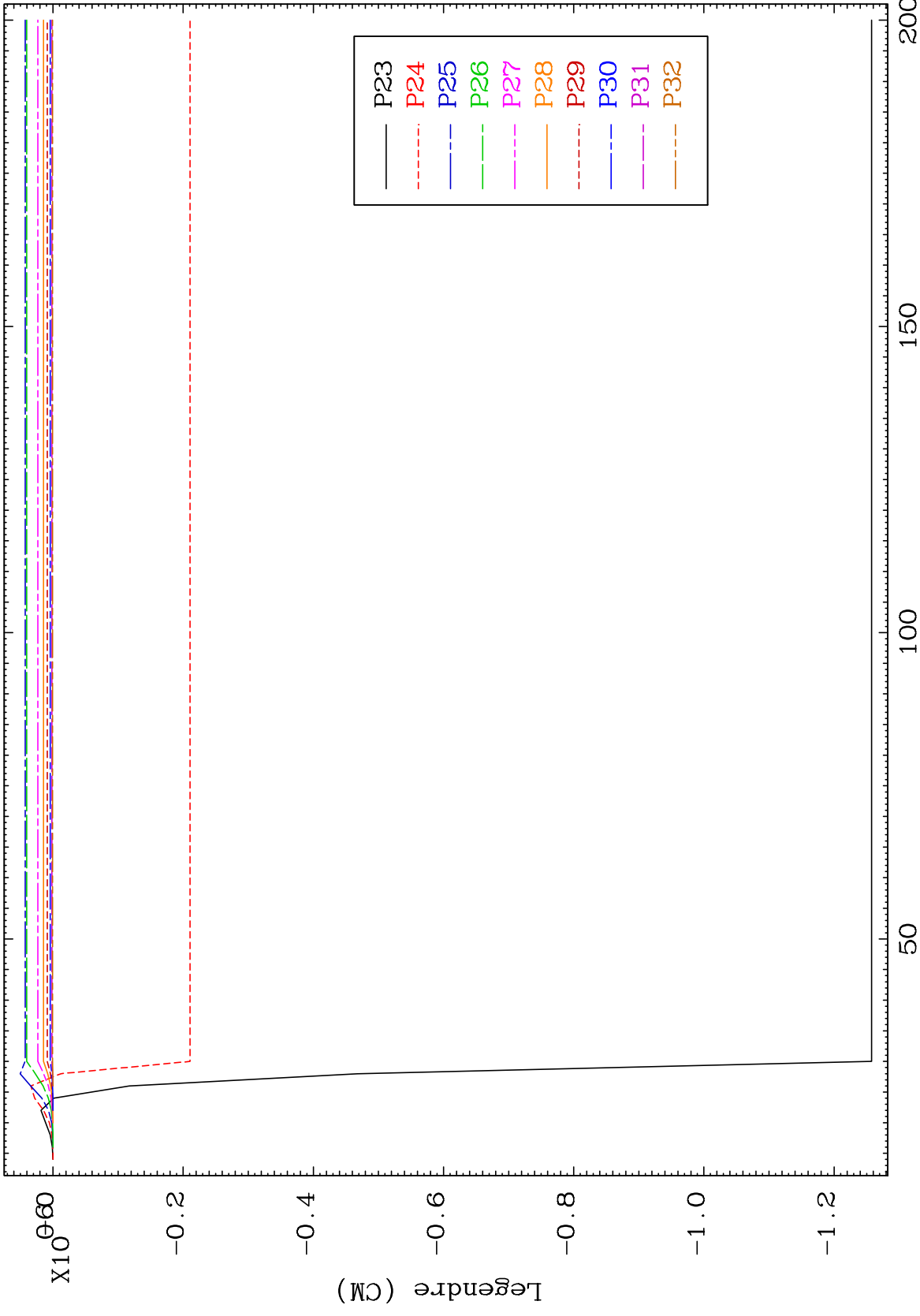
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



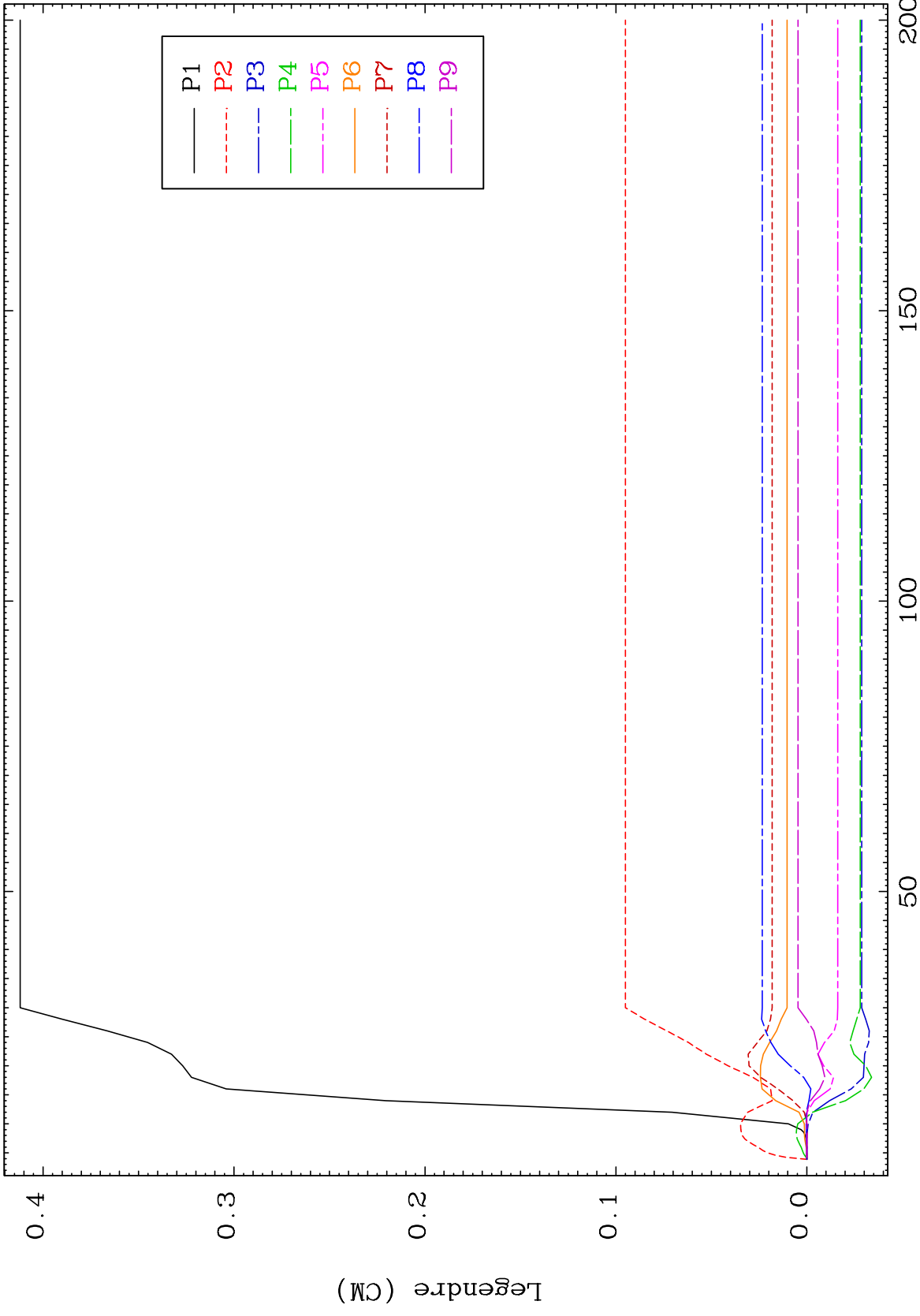
50-Sn-133

59

MAT 5088

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

50-Sn-133



60

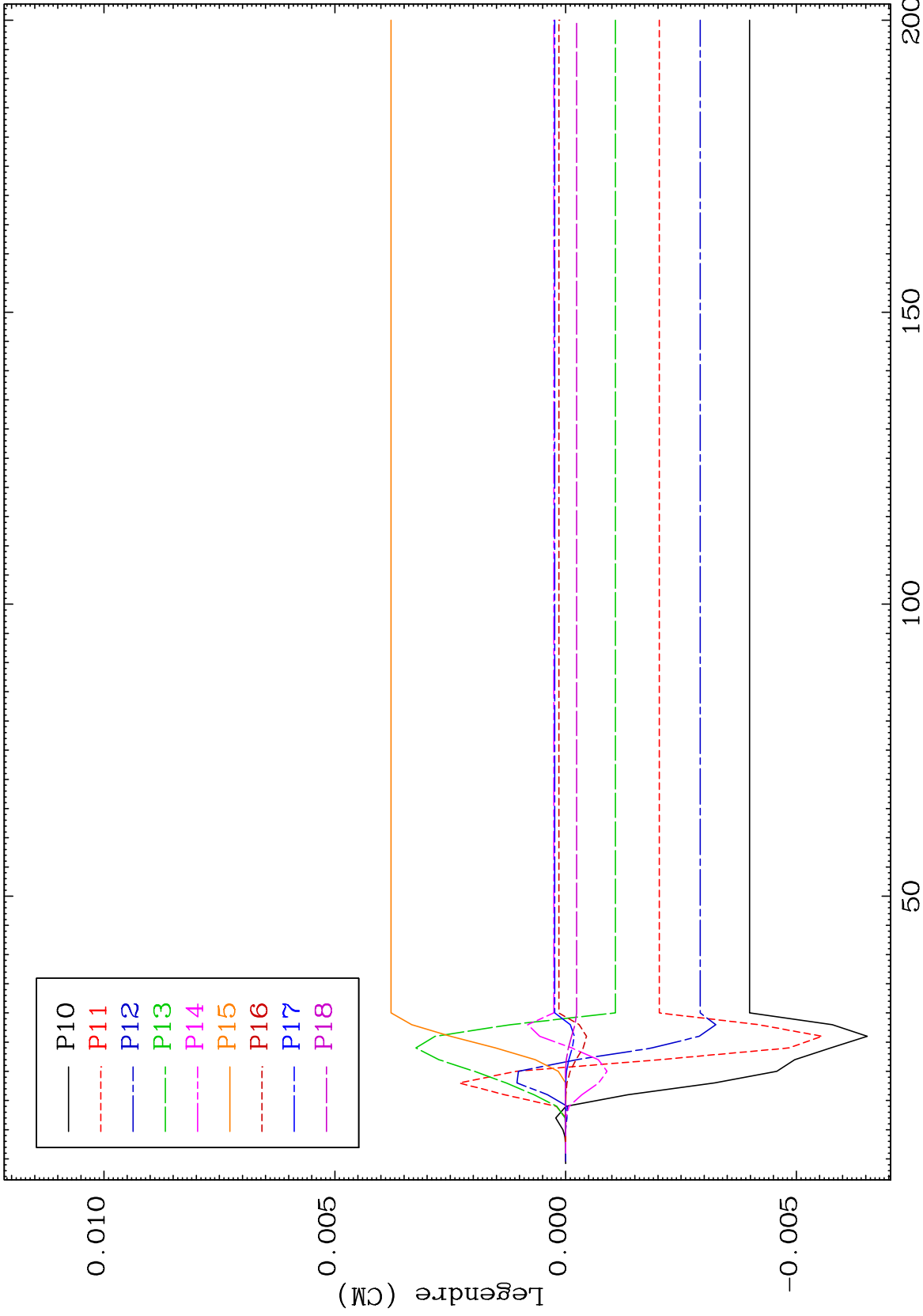
Incident Energy (MeV)

50-Sn-133

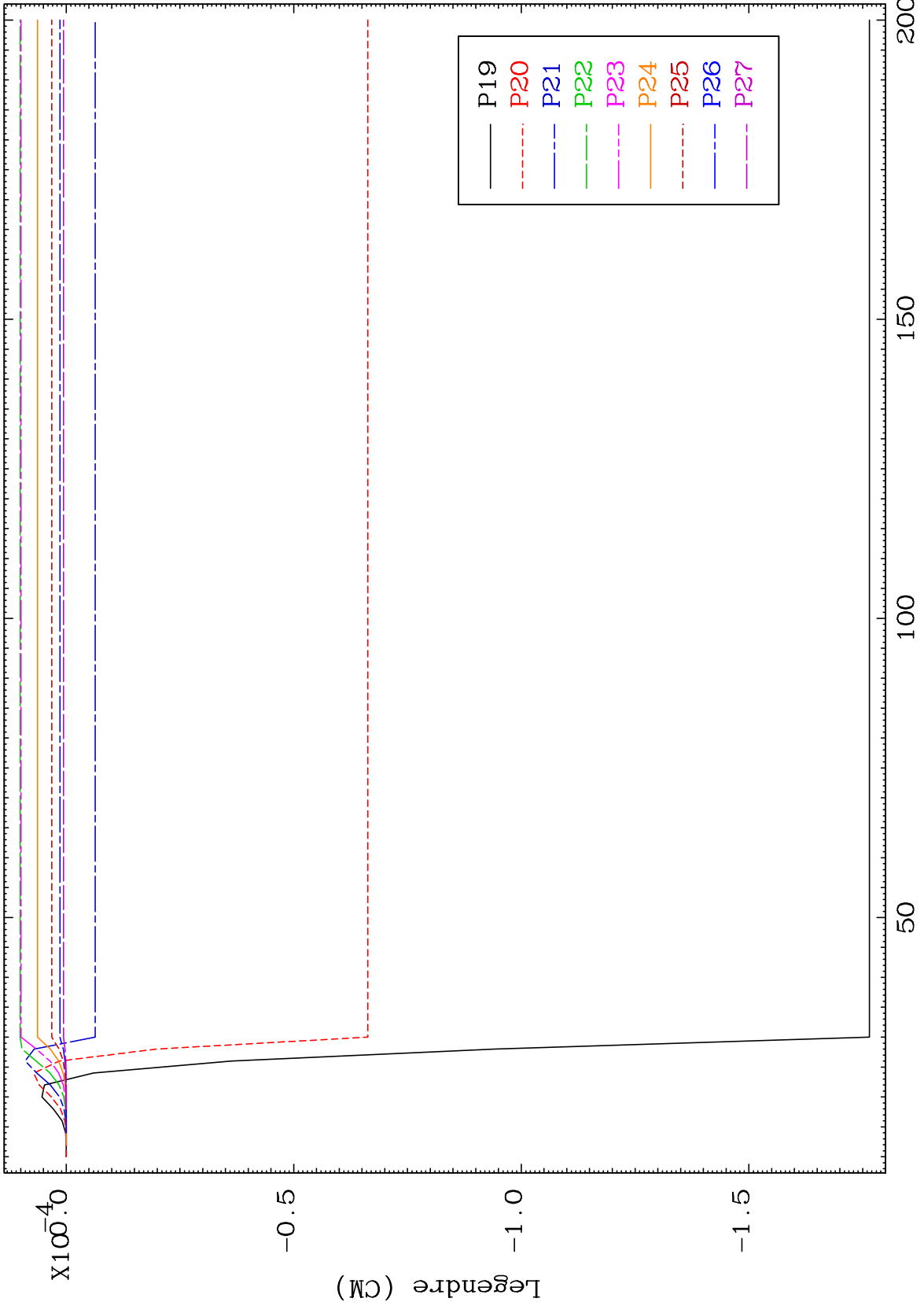
MAT 5088

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

50-Sn-133



MAT 5088 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-133

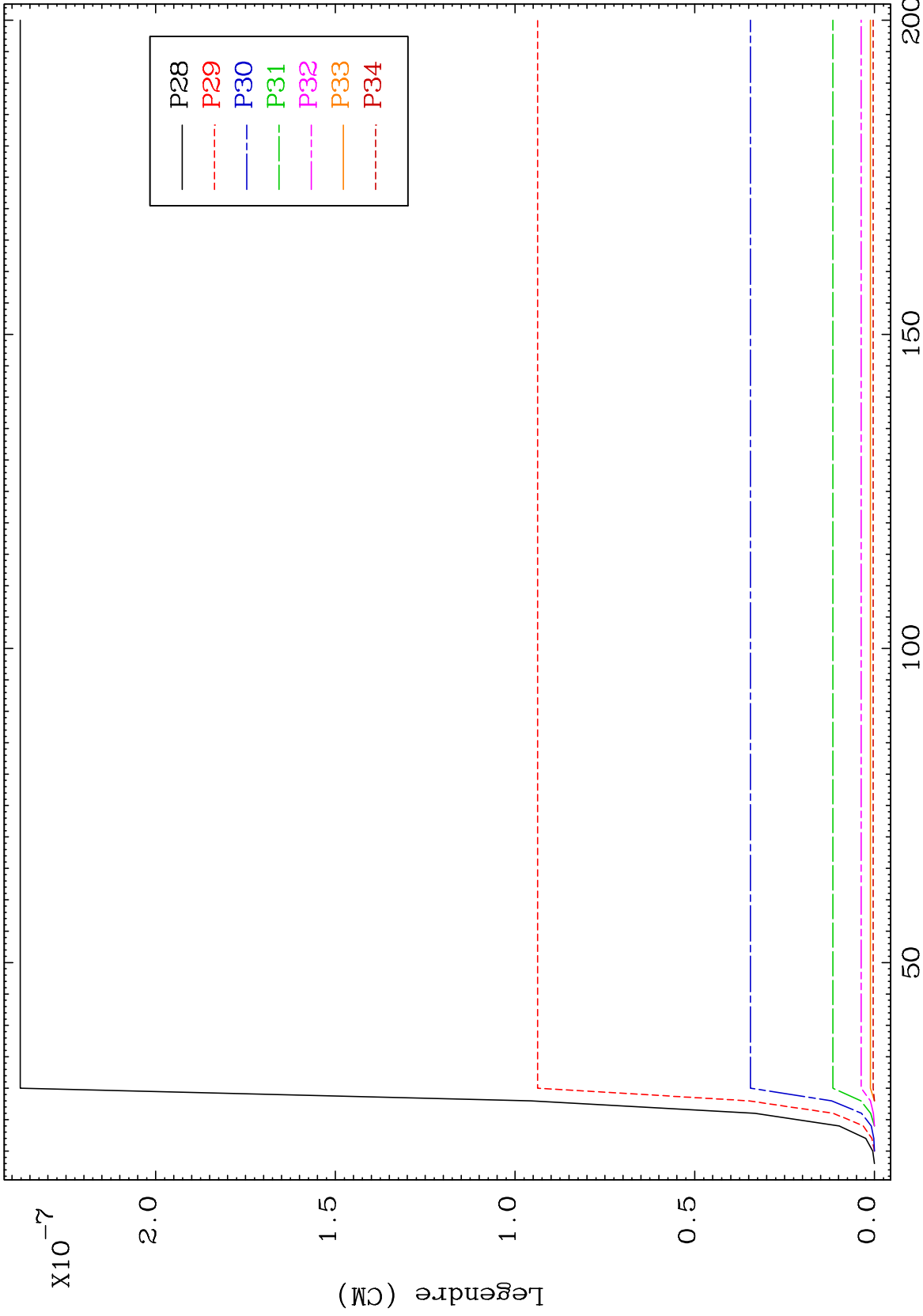


62 50-Sn-133

MAT 5088

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

50-Sn-133



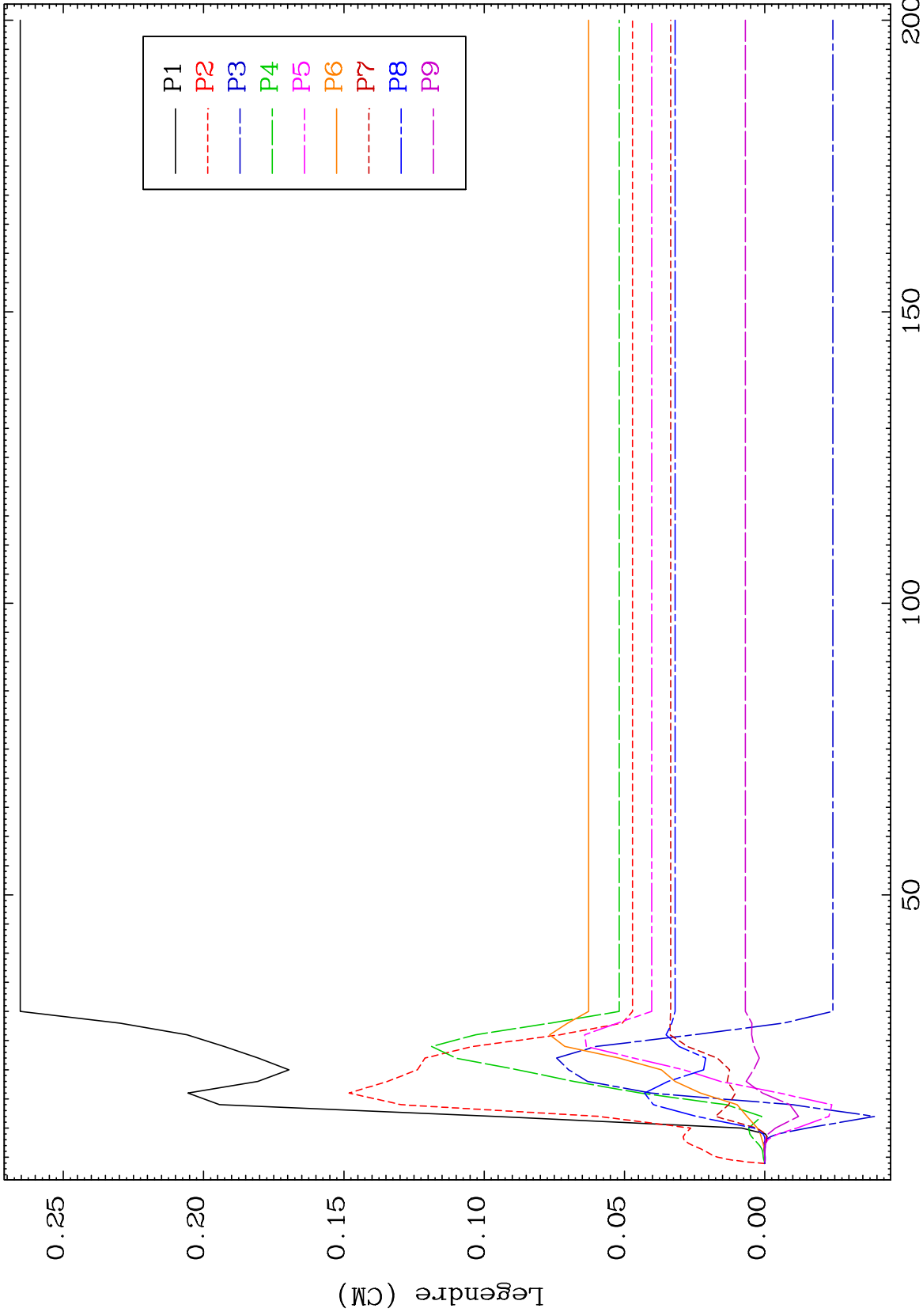
63

50-Sn-133

MAT 5088

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

50-Sn-133



64

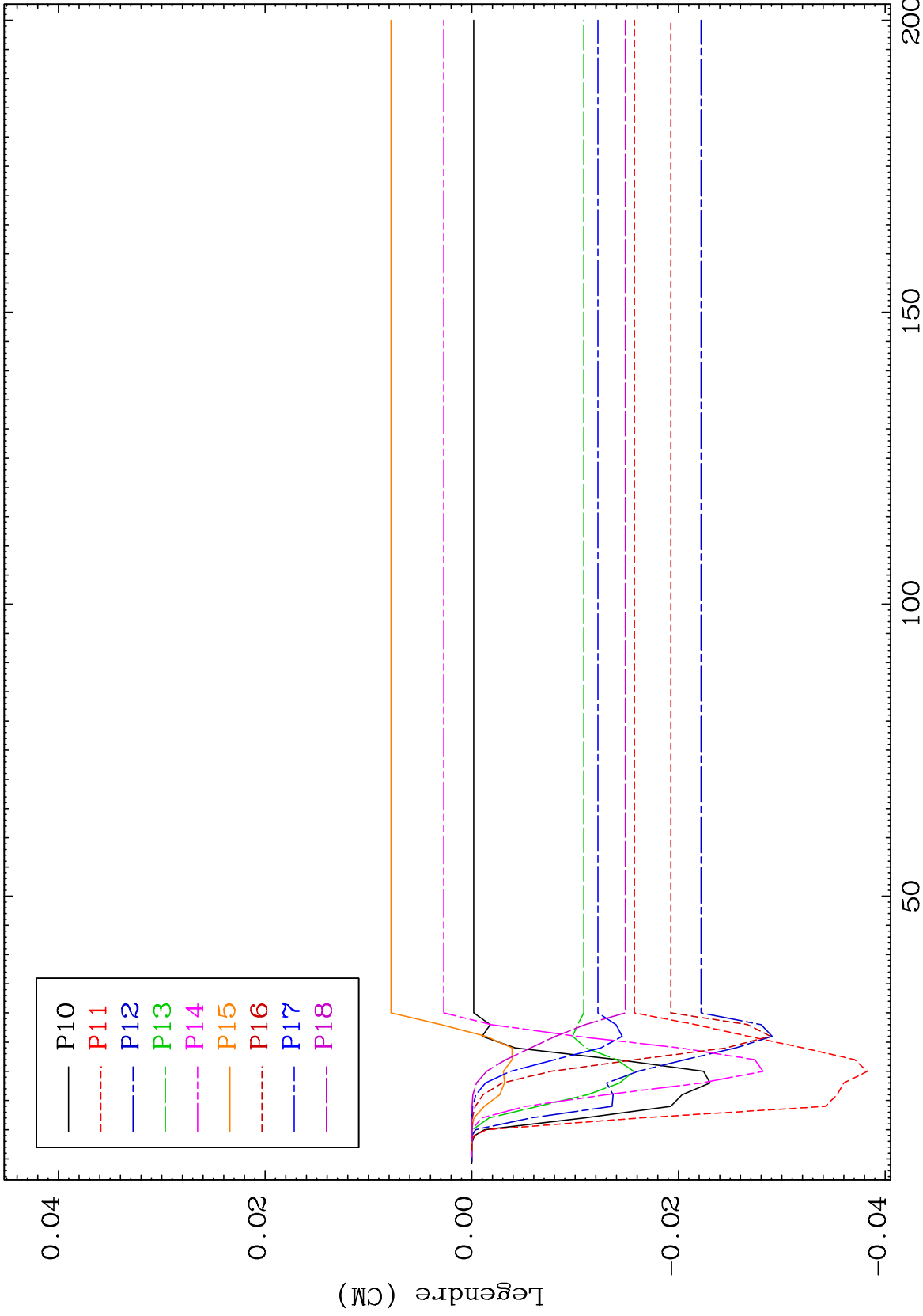
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133

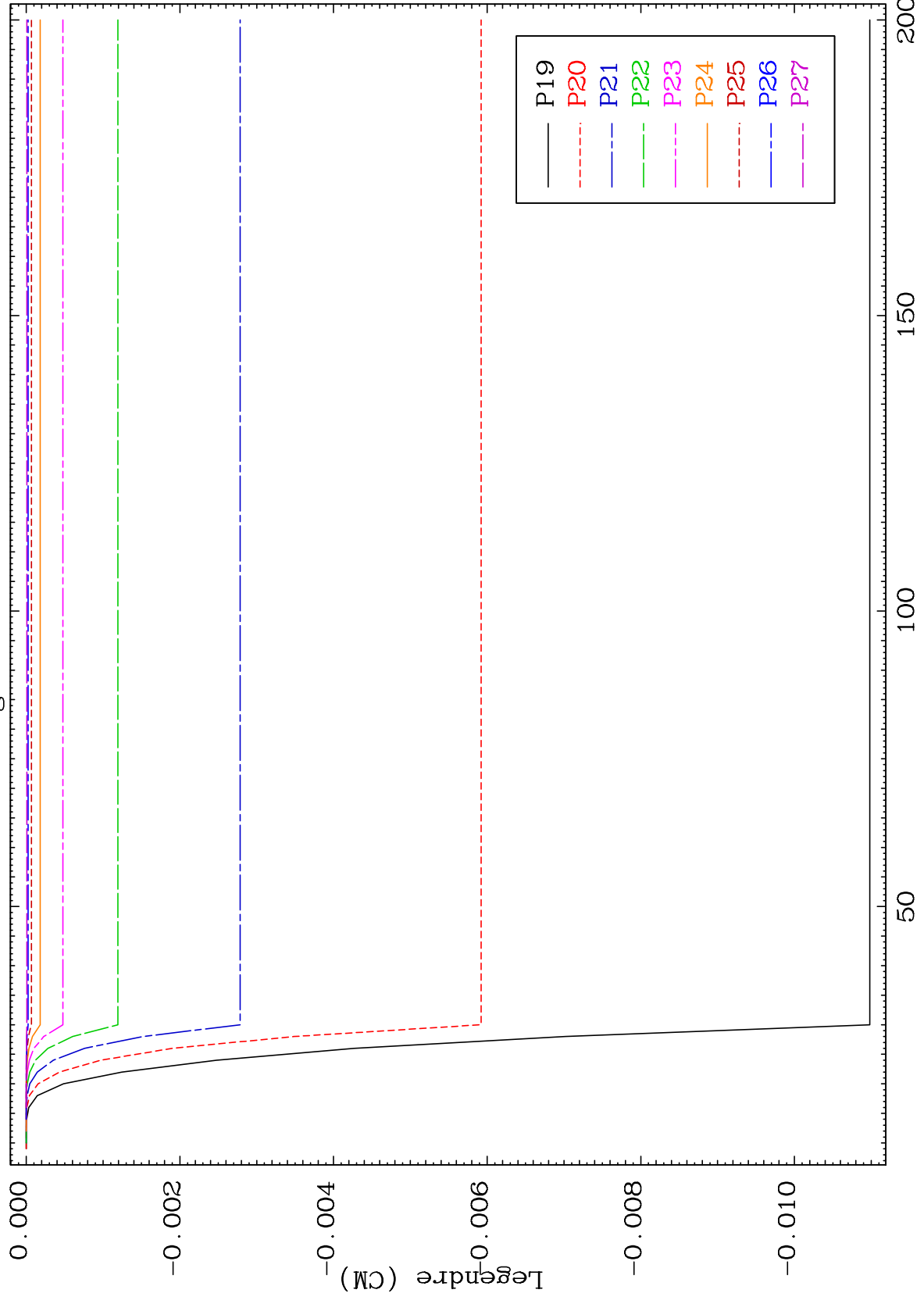


65

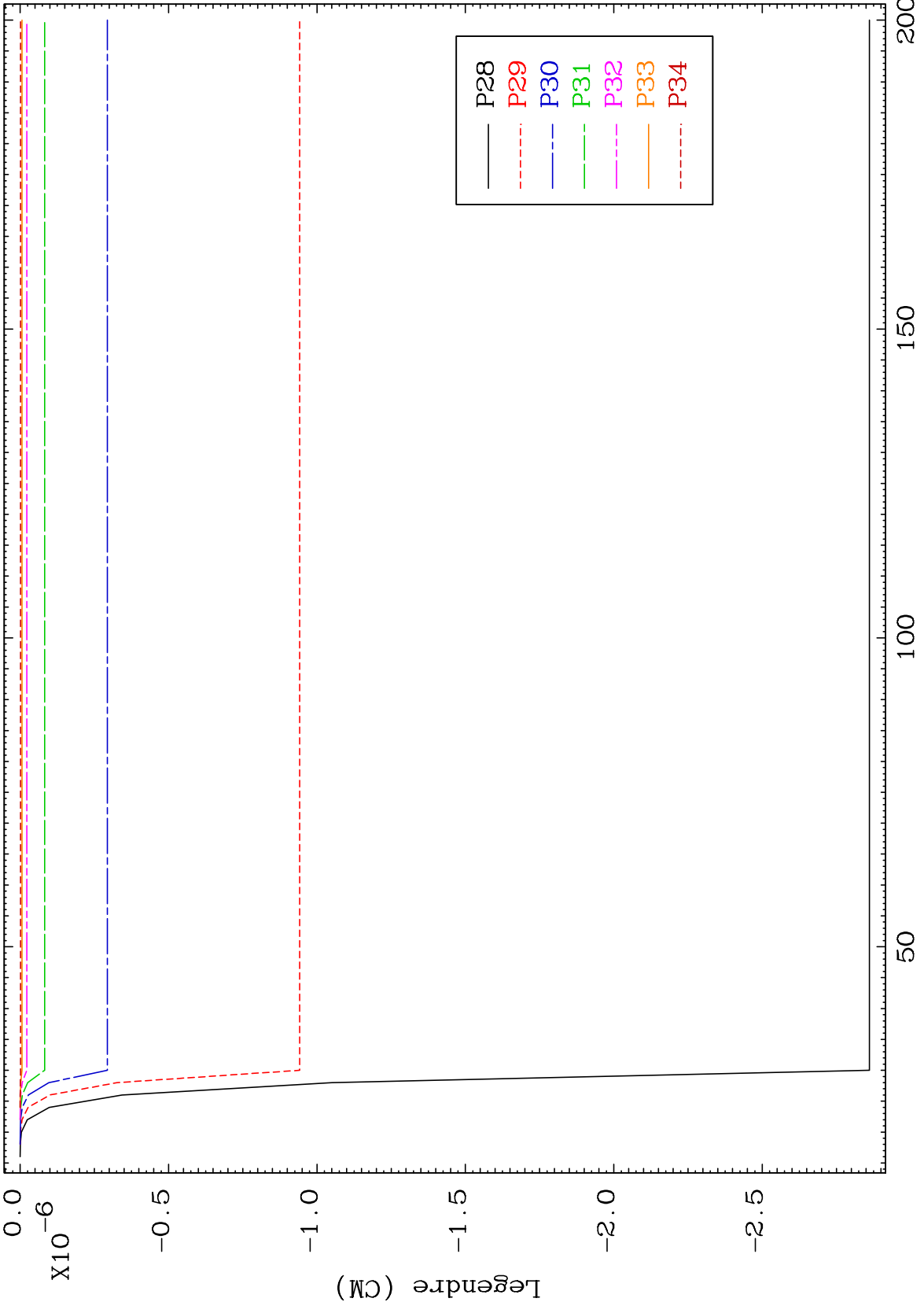
Incident Energy (MeV)

50-Sn-133

MAT 5088 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-133



MAT 5088 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-133

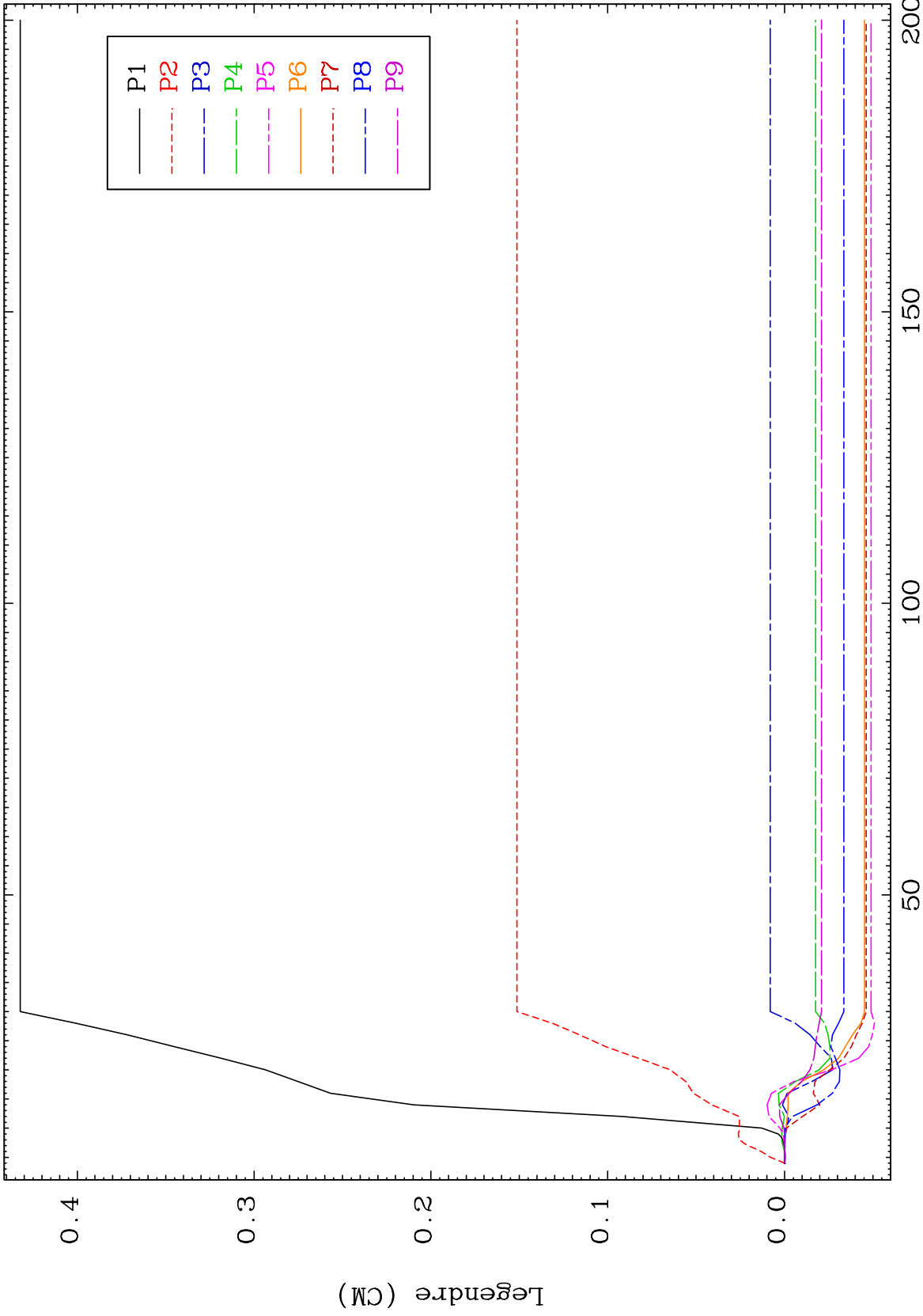


67 50-Sn-133

MAT 5088

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

50-Sn-133



68

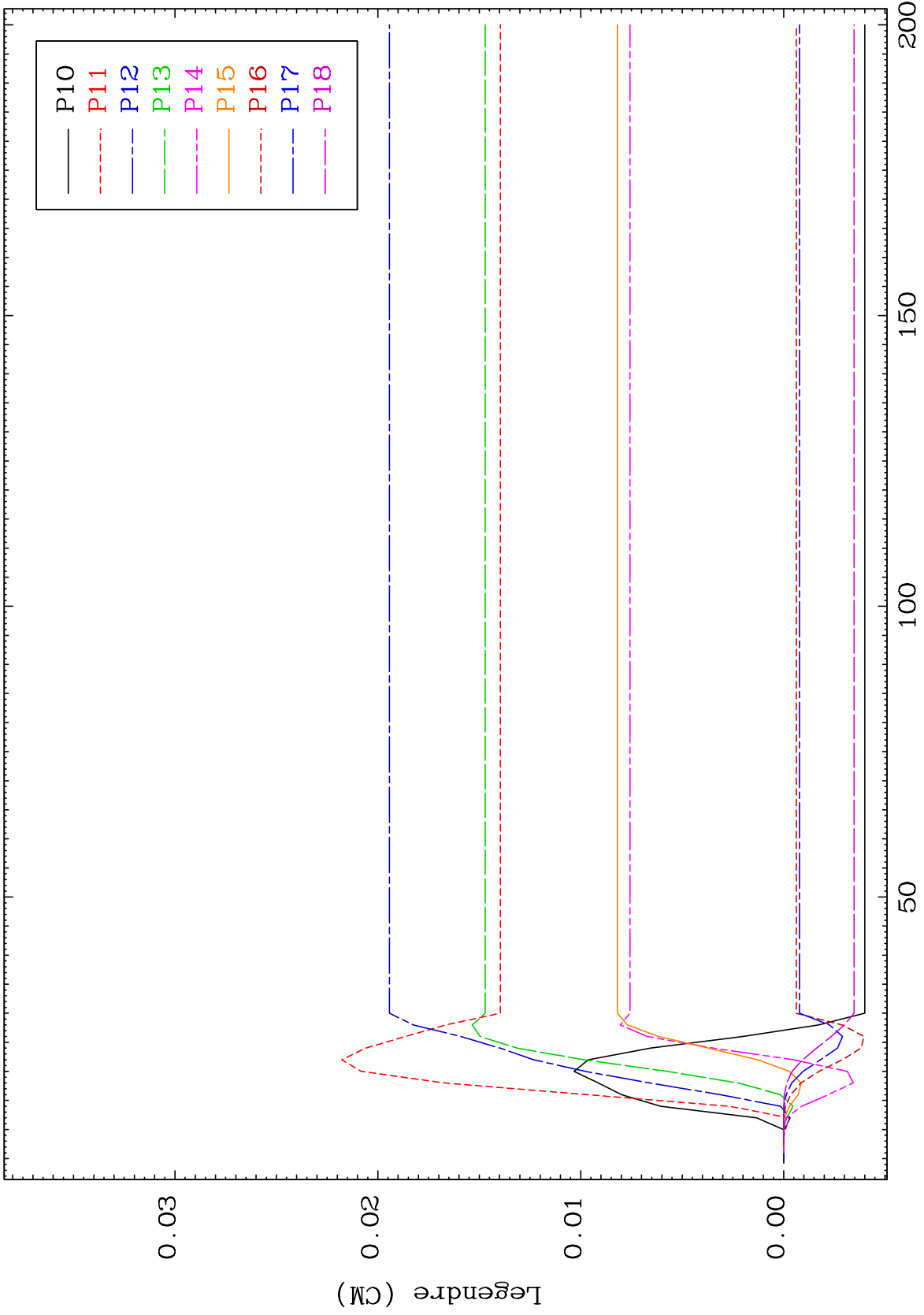
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



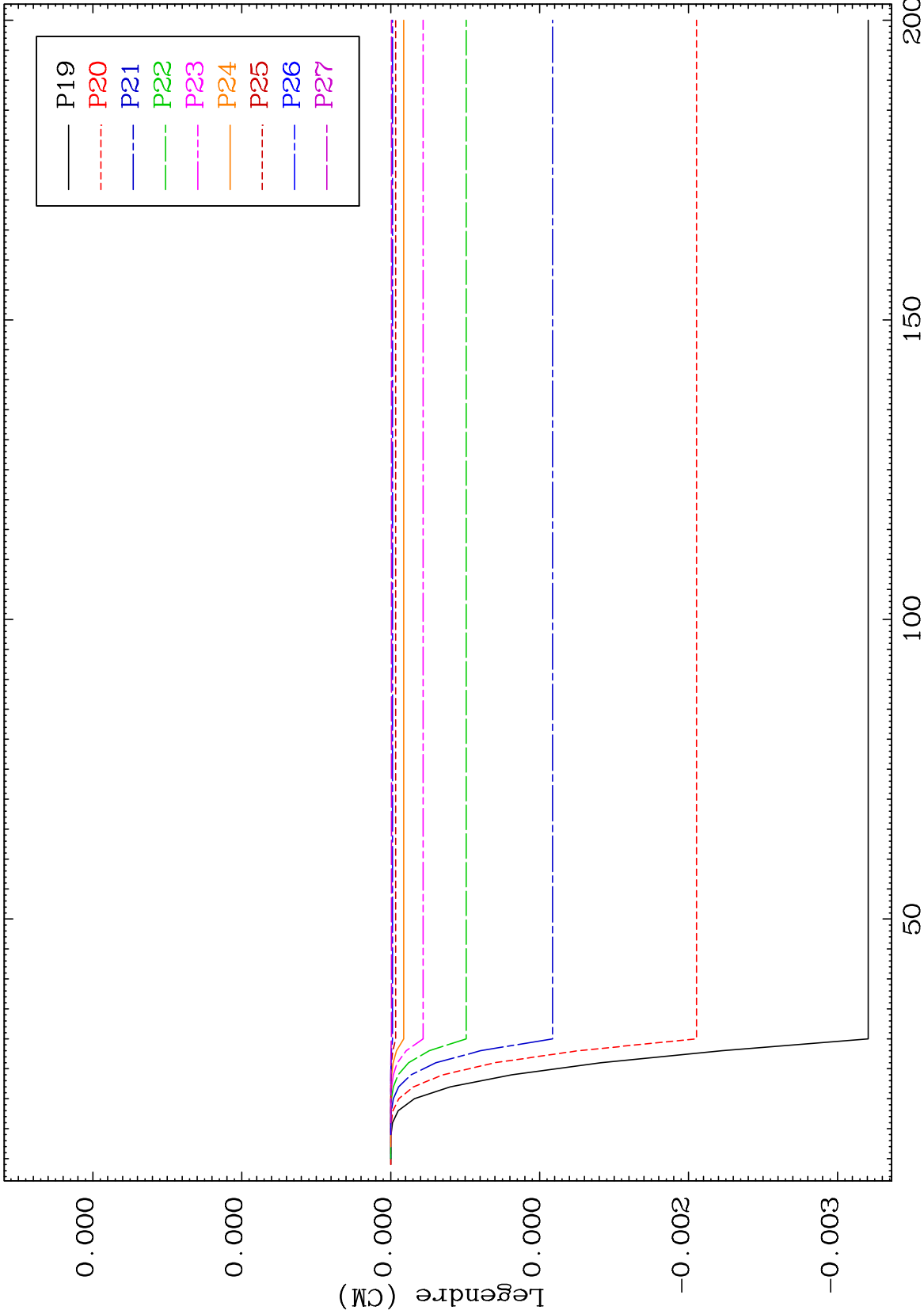
69

50-Sn-133

MAT 5088

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

50-Sn-133



70

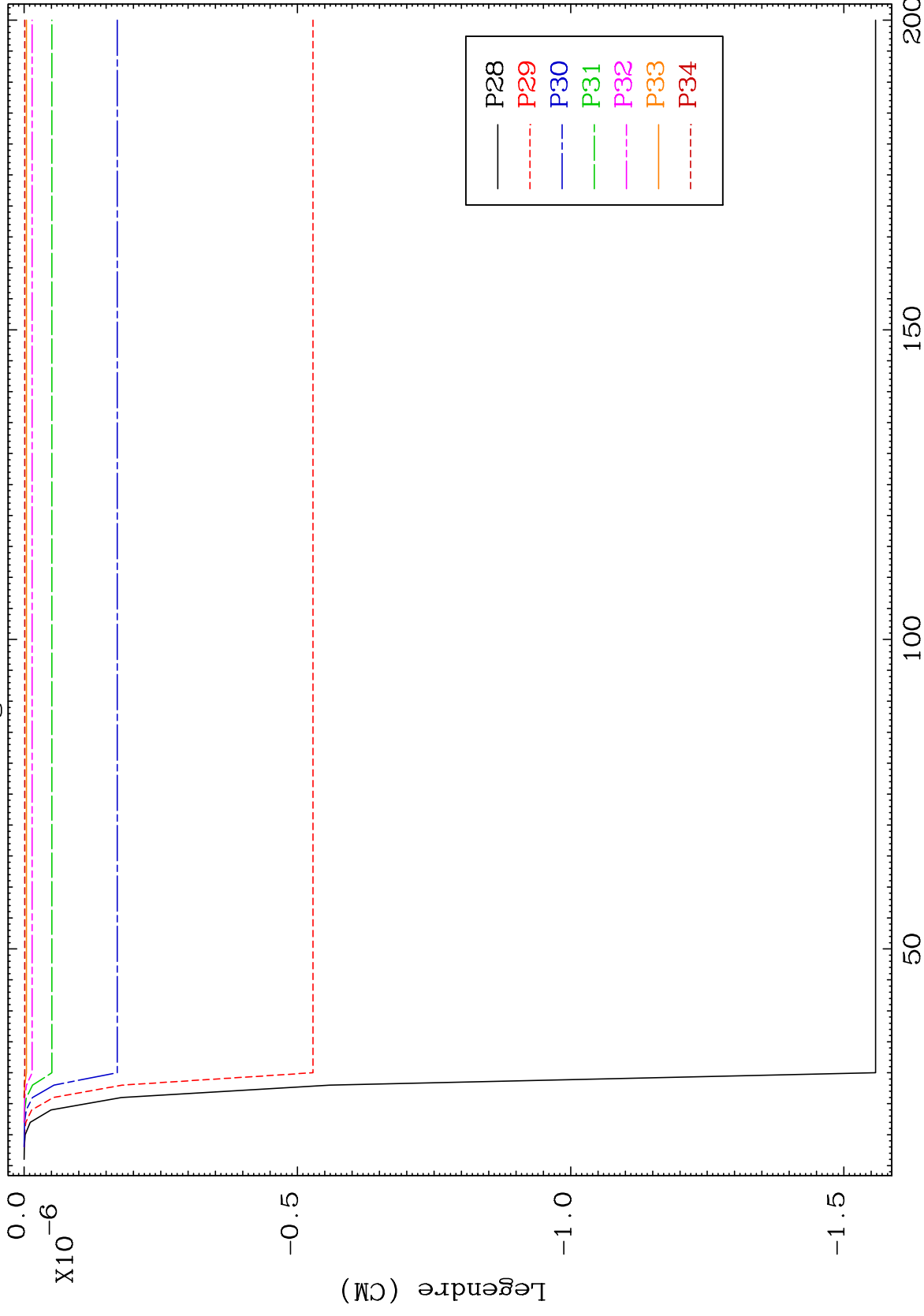
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



50-Sn-133

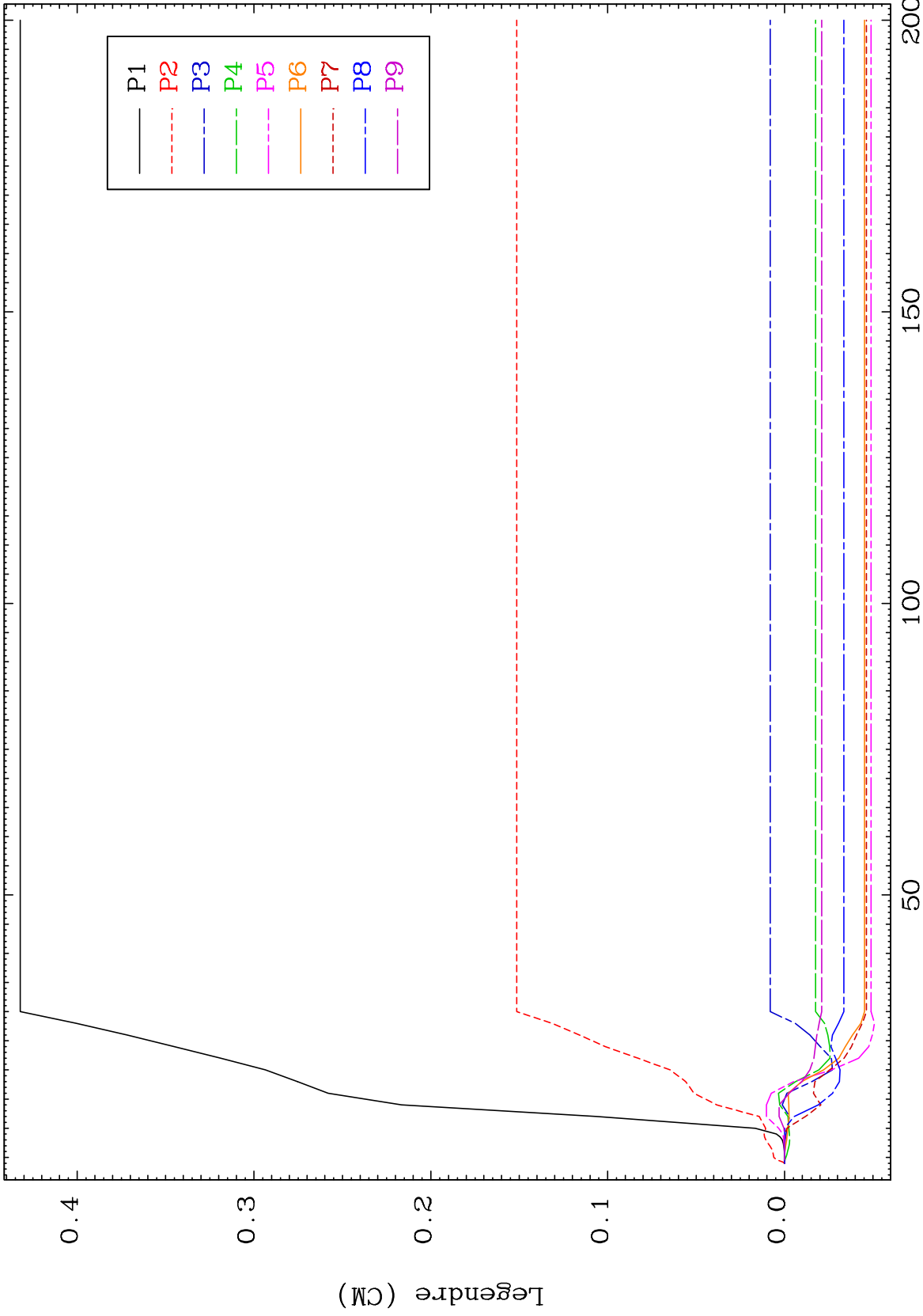
Incident Energy (MeV)

71

MAT 5088

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

50-Sn-133



72

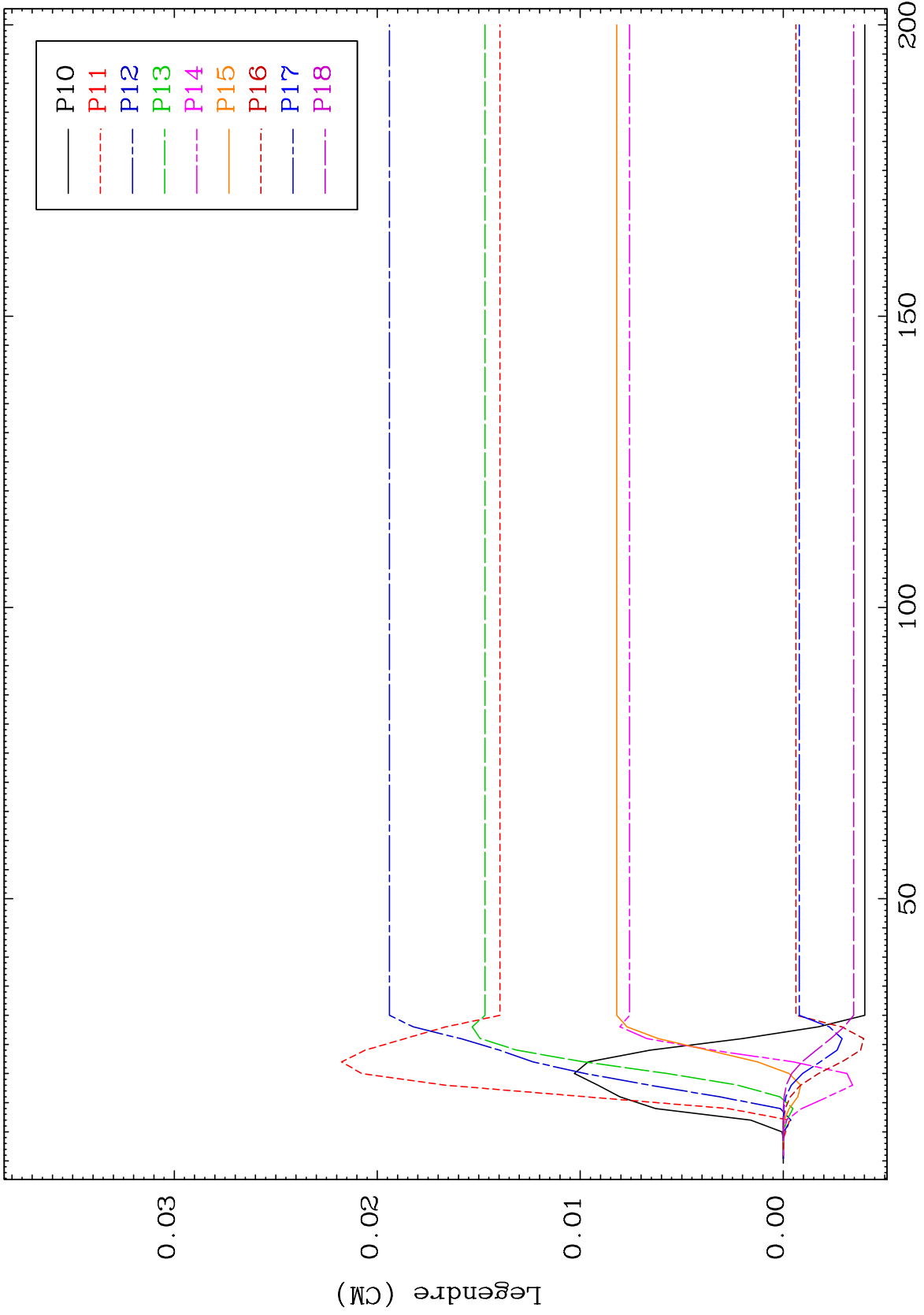
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



73

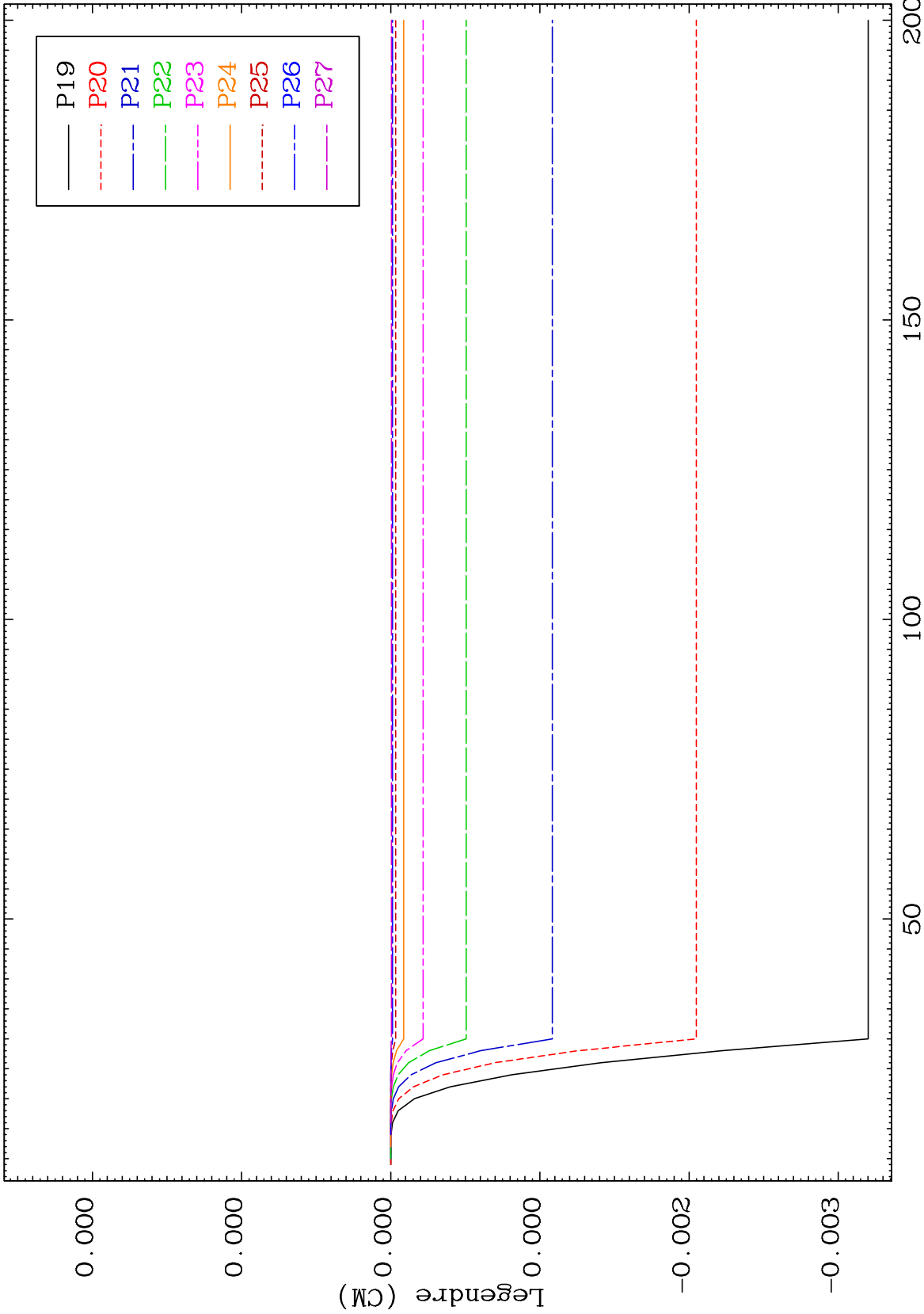
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133

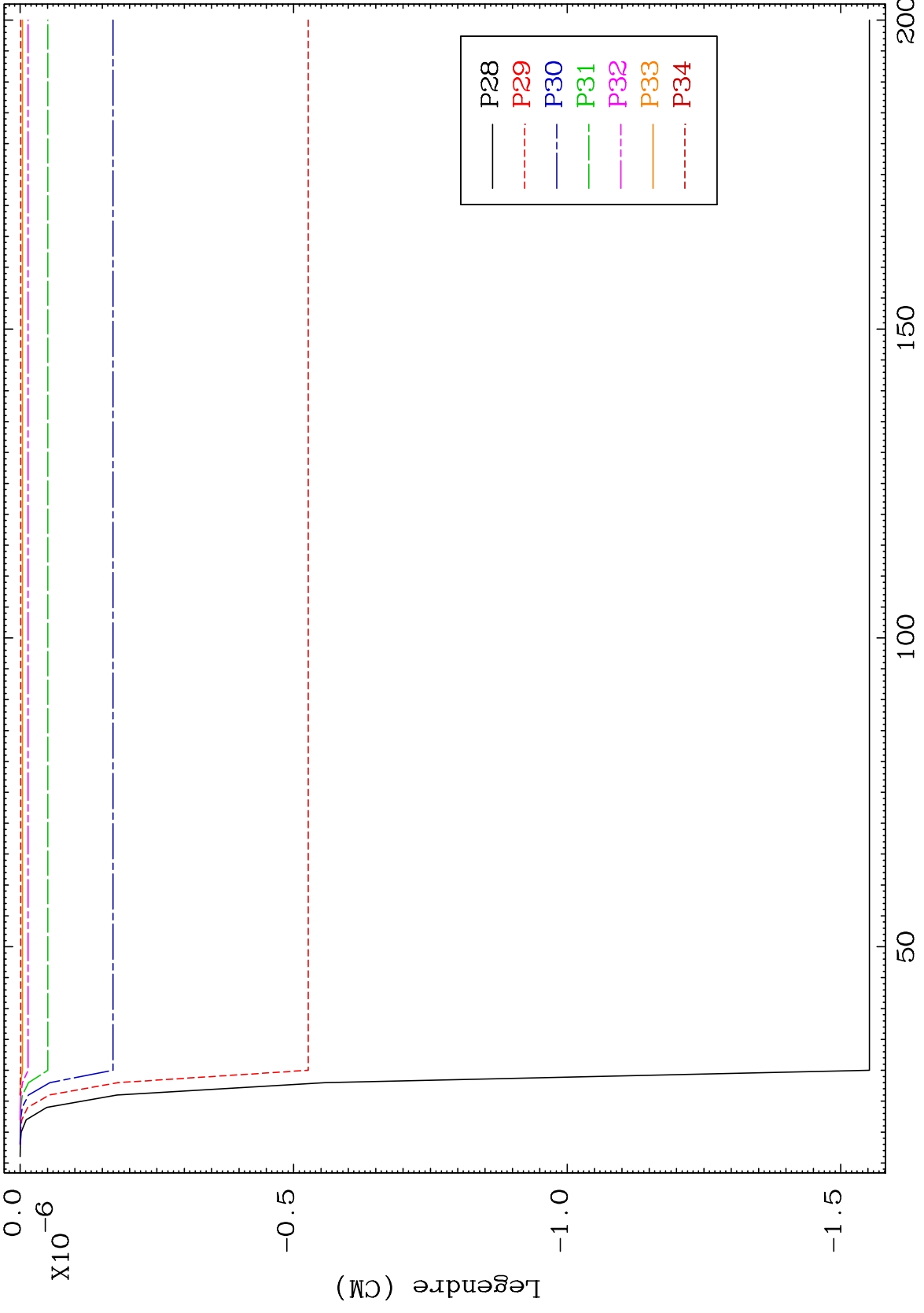


74

Incident Energy (MeV)

50-Sn-133

MAT 5088 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-133

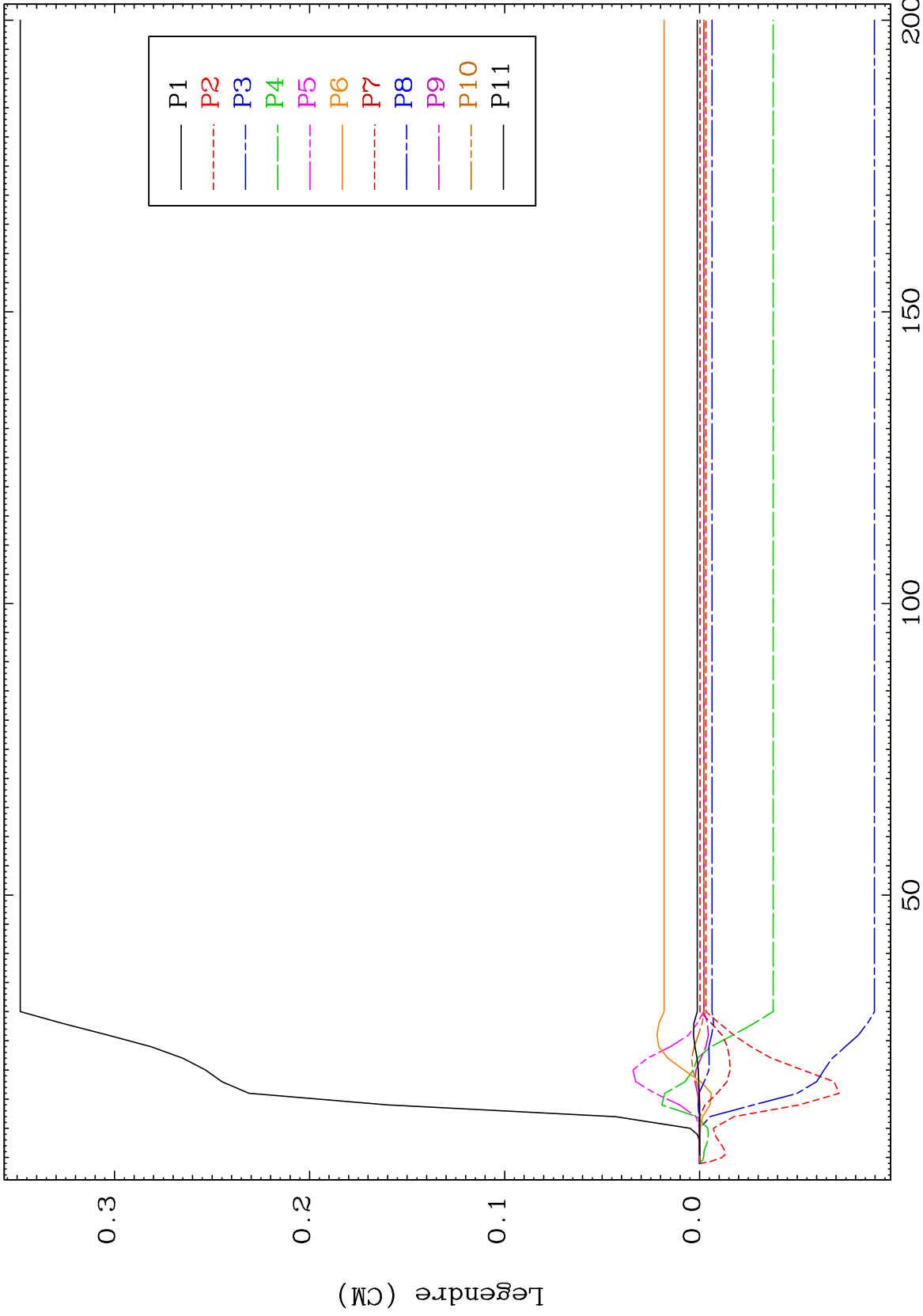


75 Incident Energy (MeV) 50-Sn-133

MAT 5088

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

50-Sn-133



76

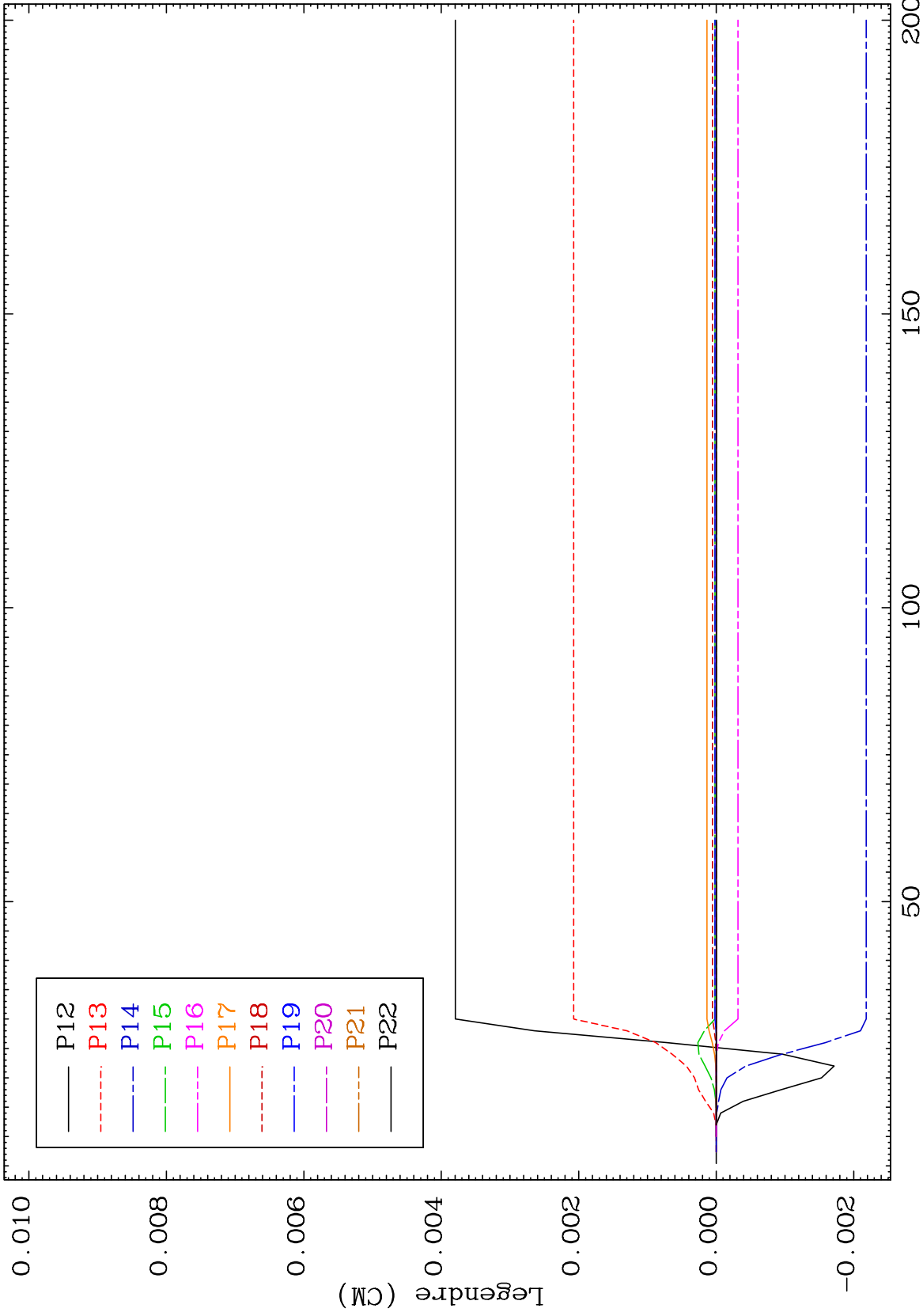
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133

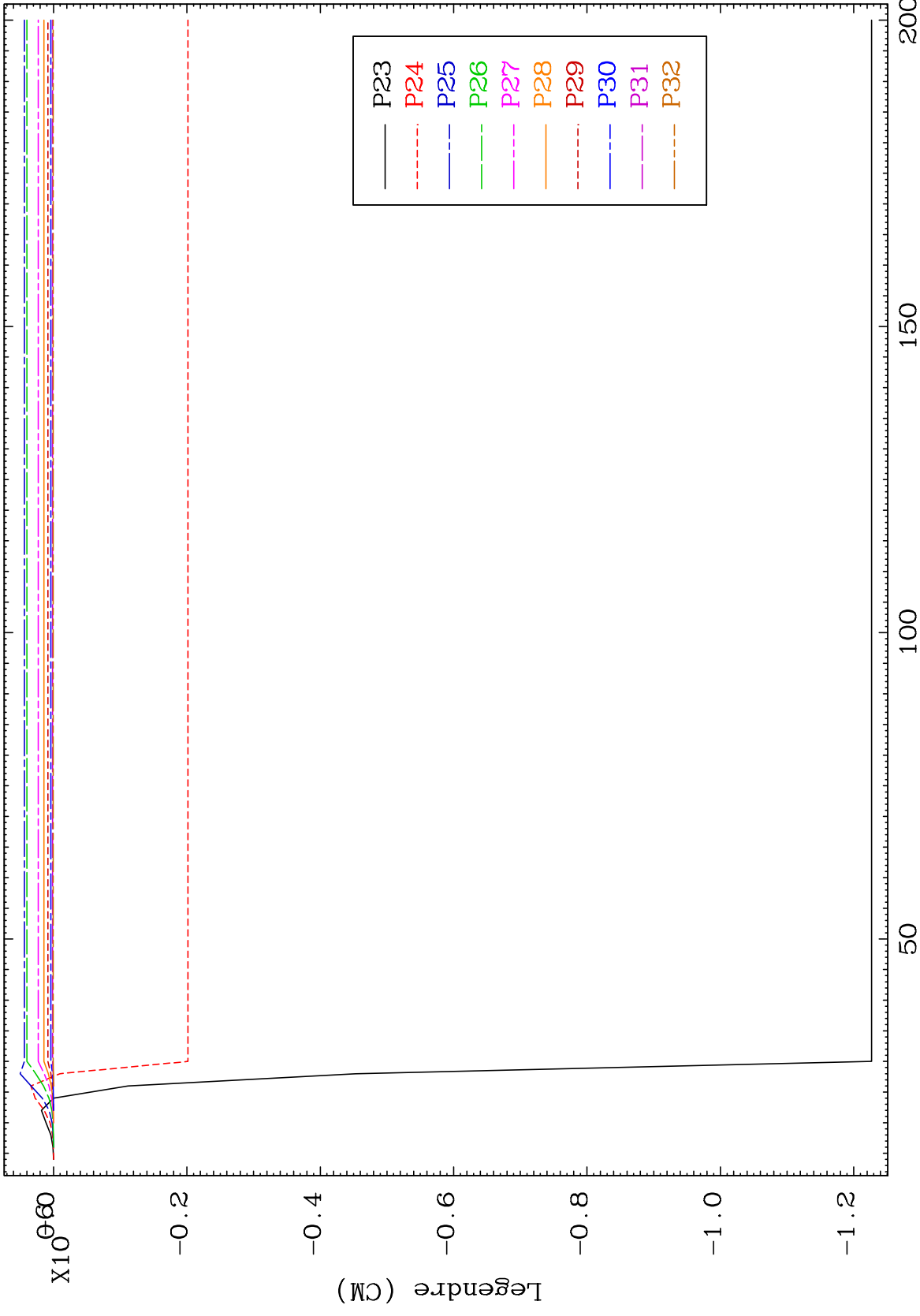


77

Incident Energy (MeV)

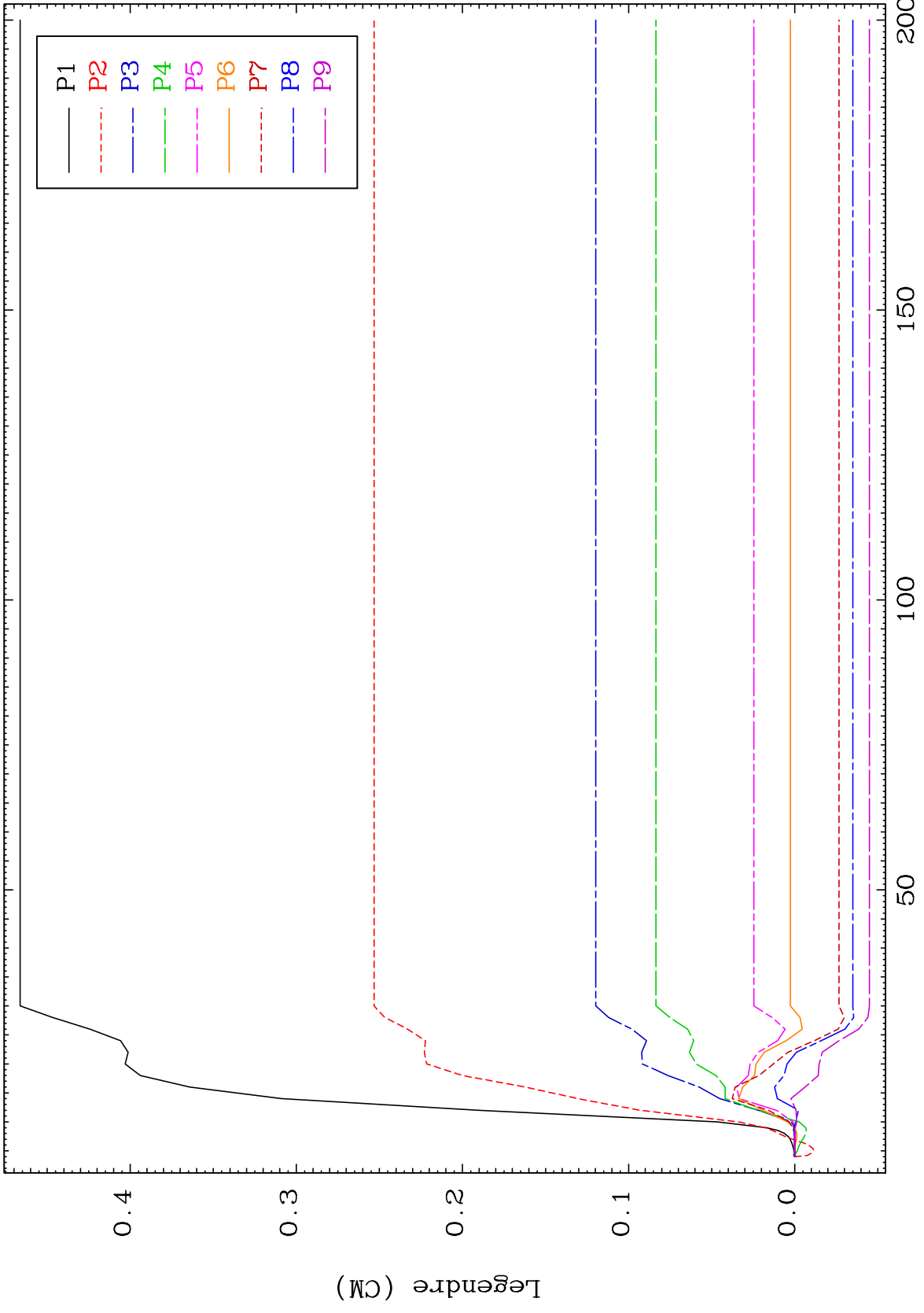
50-Sn-133

MAT 5088 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-133



78 50-Sn-133

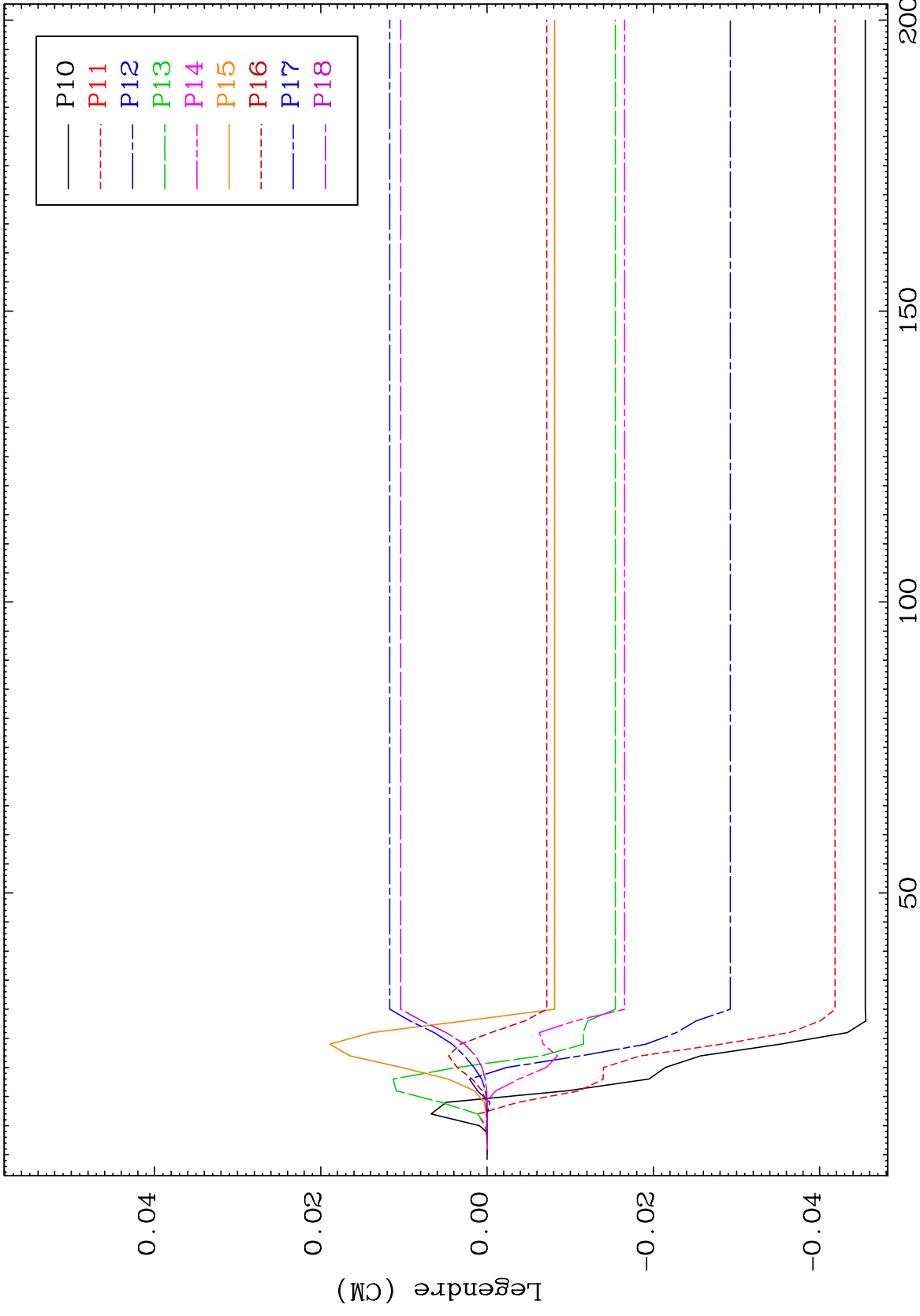
MAT 5088 MT= 67 (n,n') Level Legendre Coefficients 50-Sn-133



MAT 5088

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

50-Sn-133



80

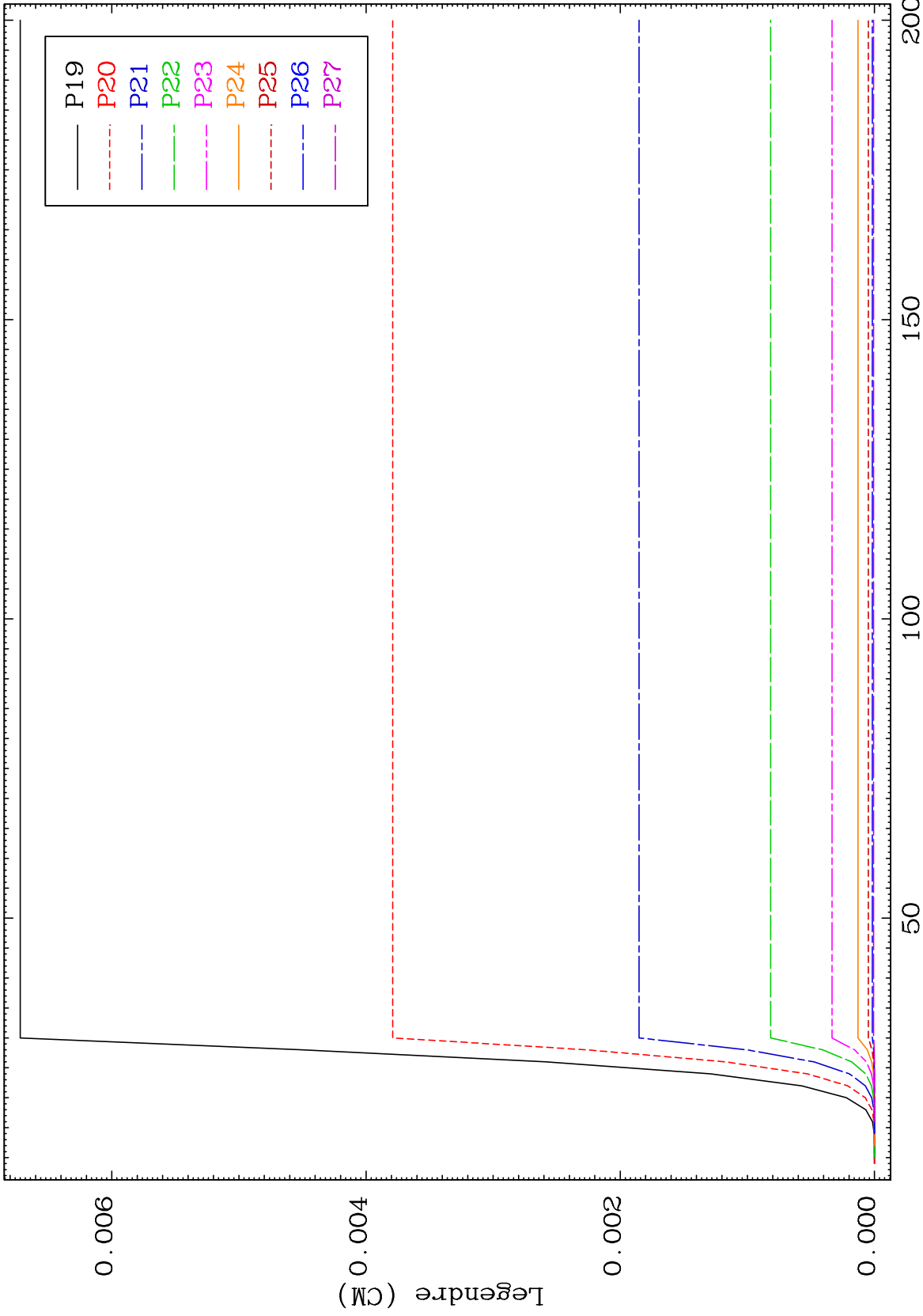
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



81

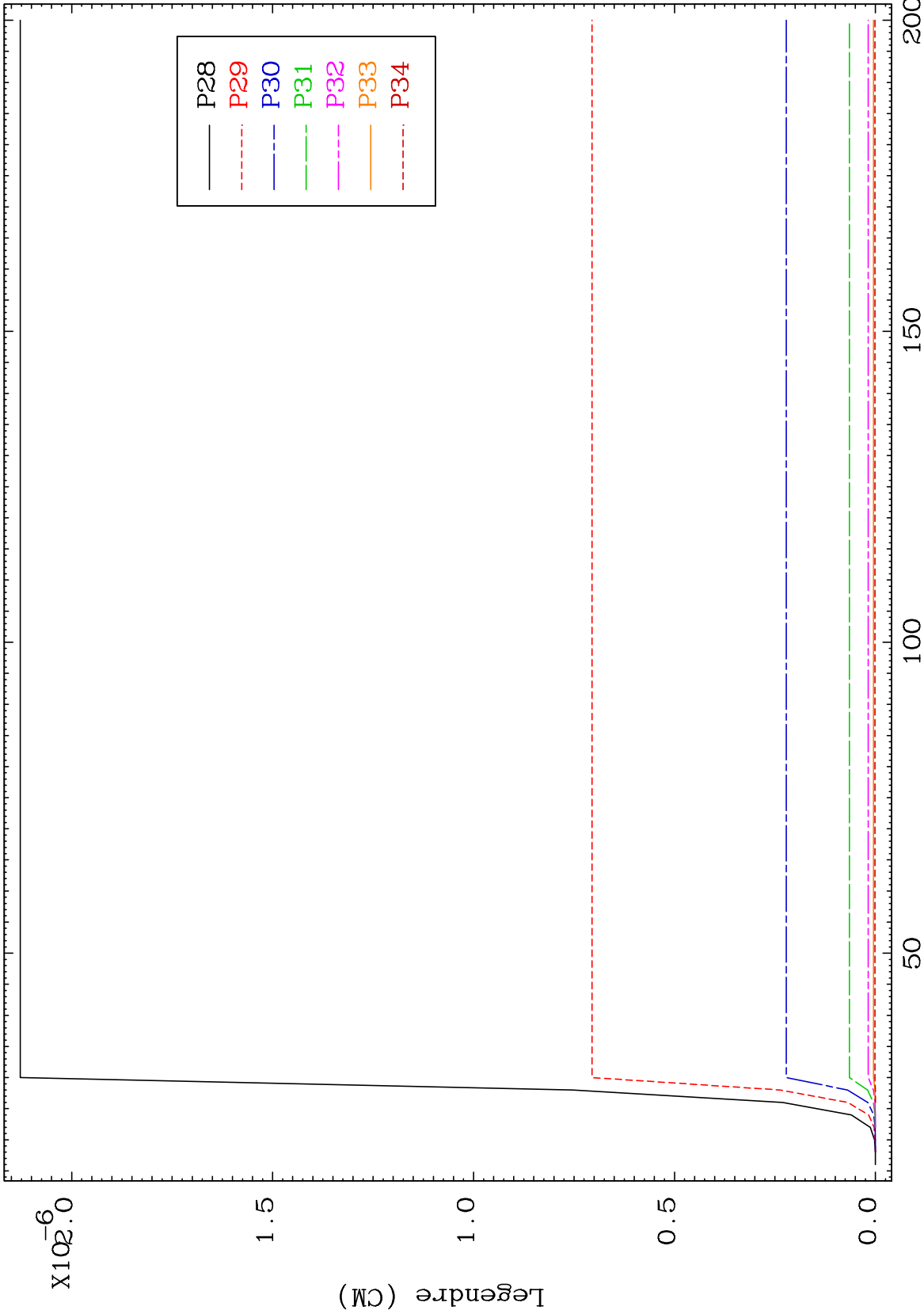
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



82

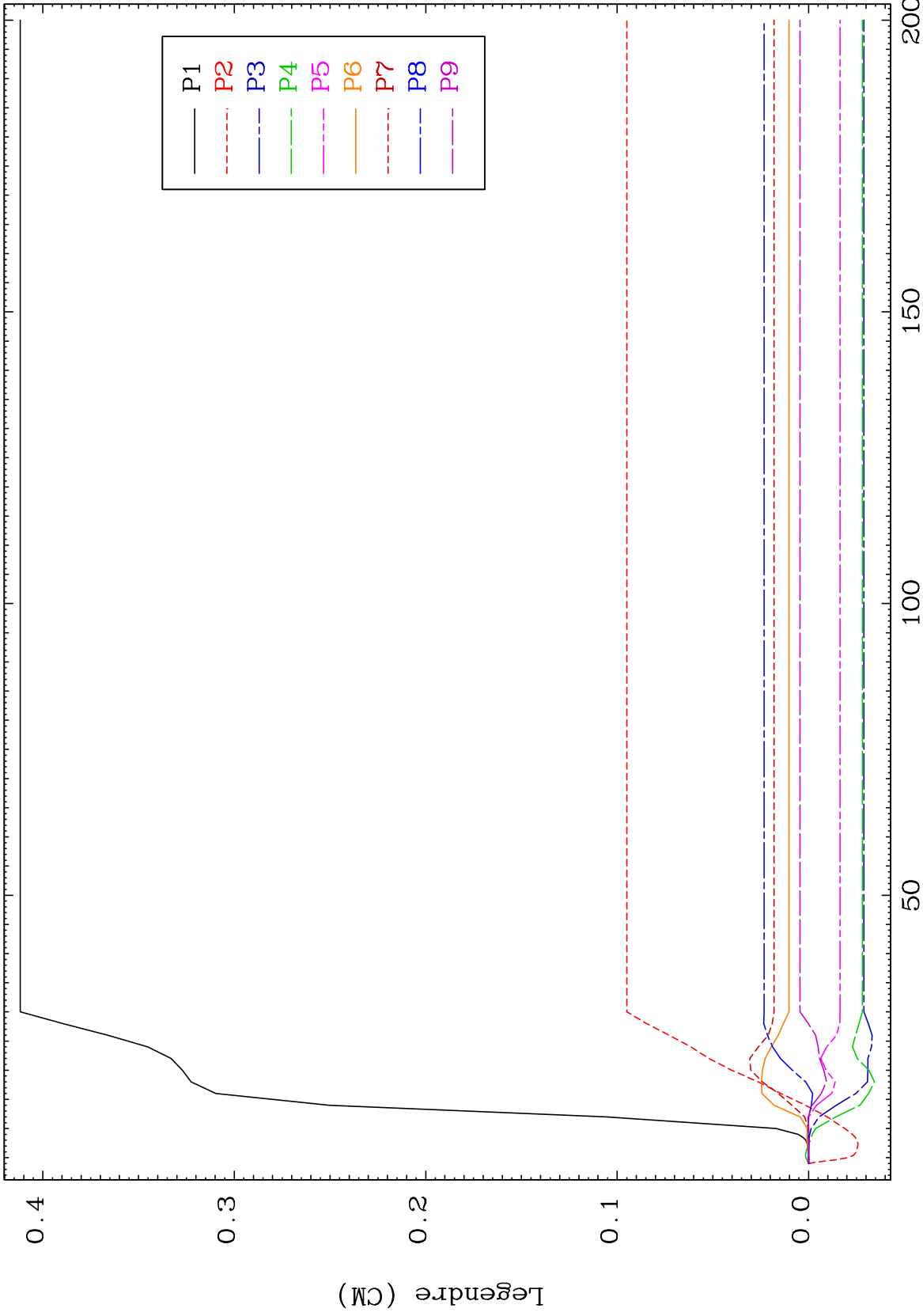
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



83

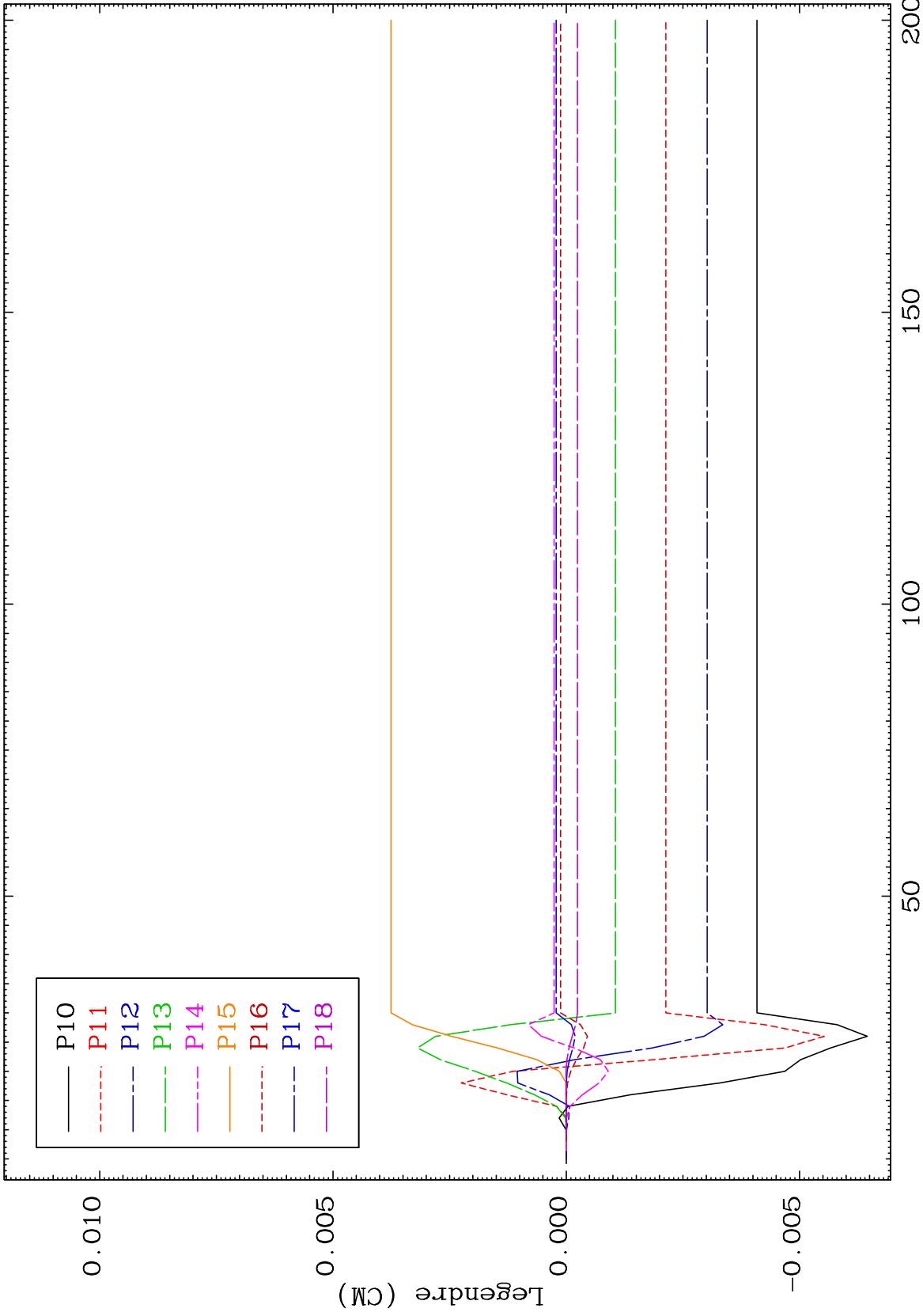
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



84

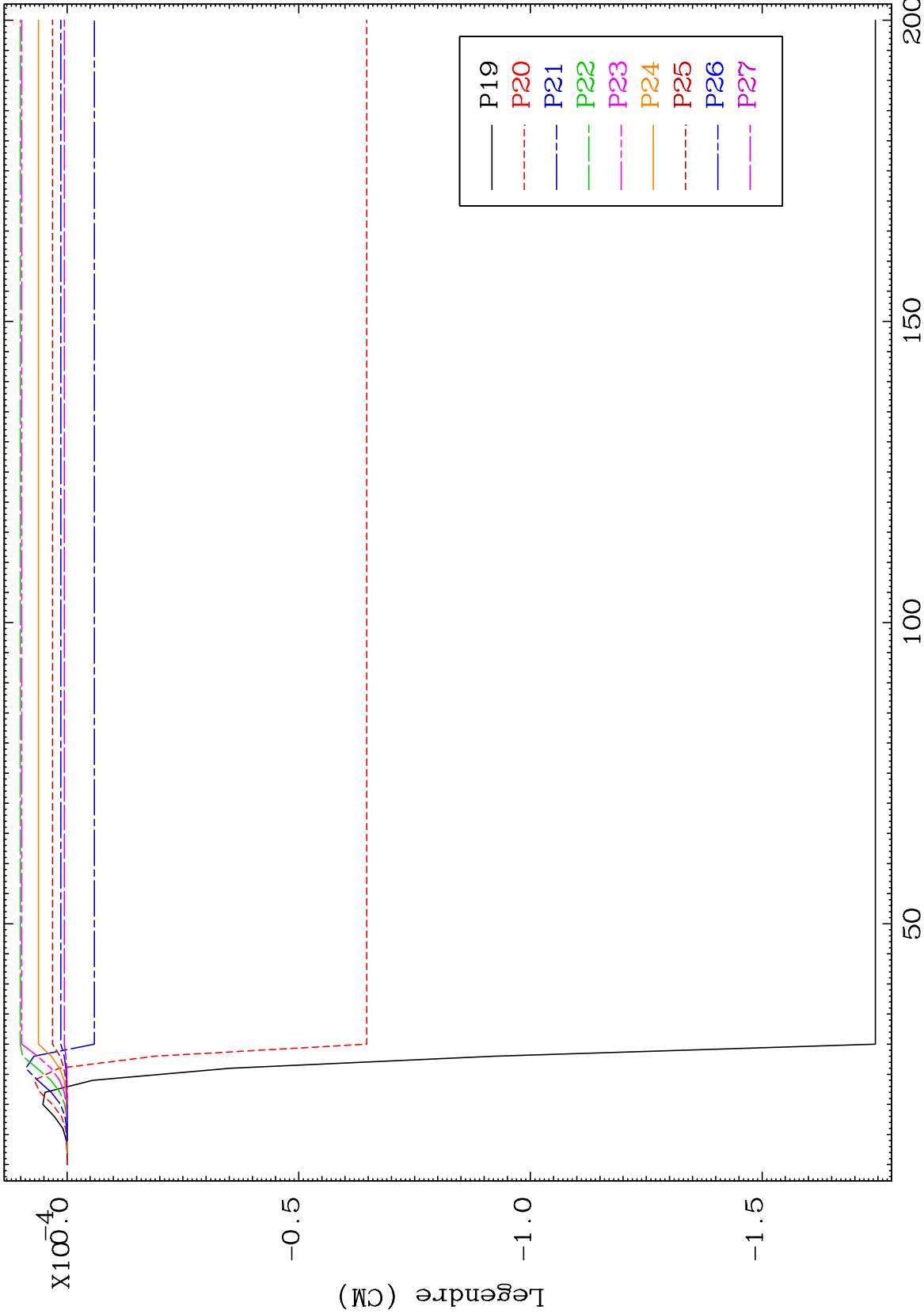
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



85

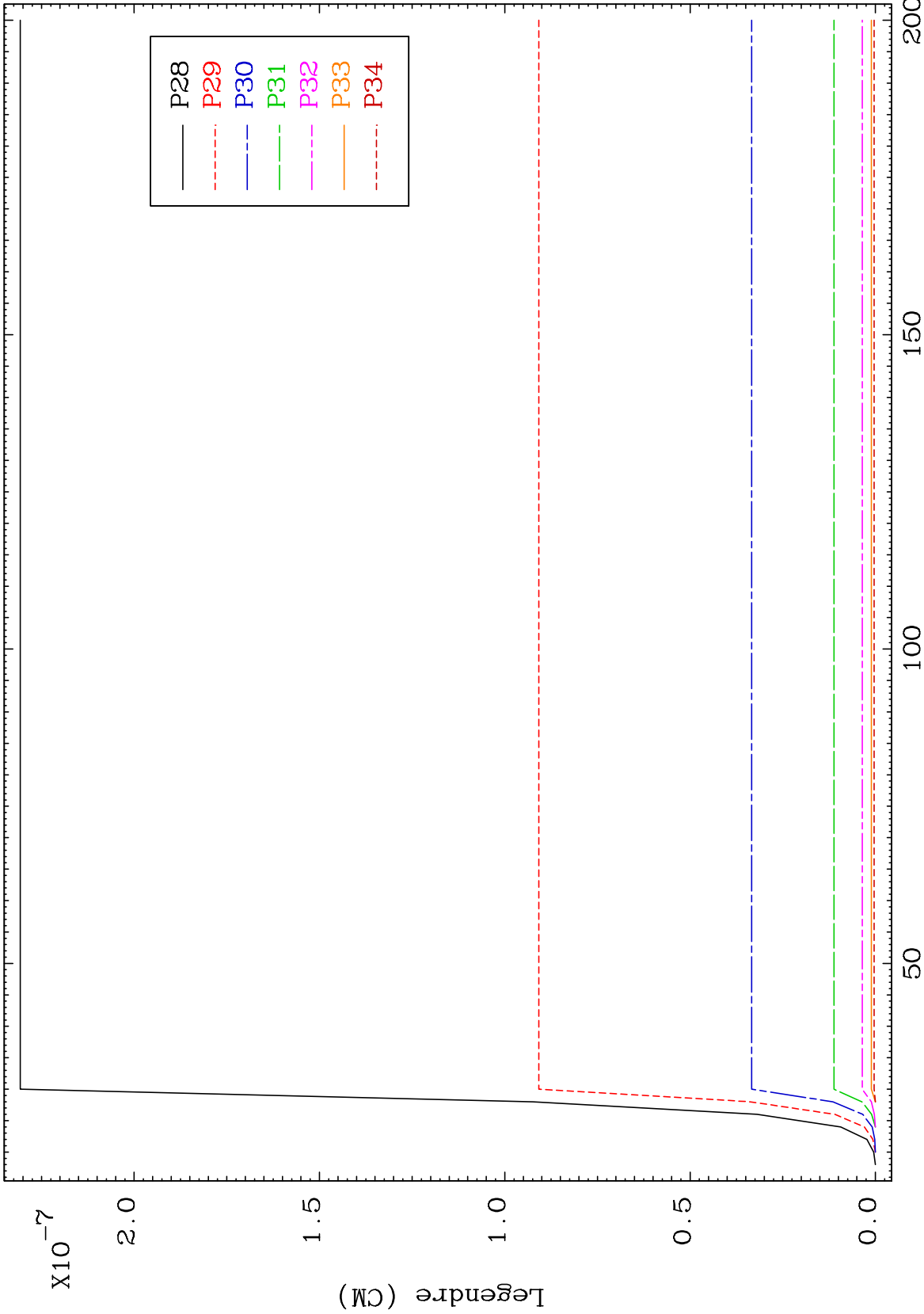
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



86

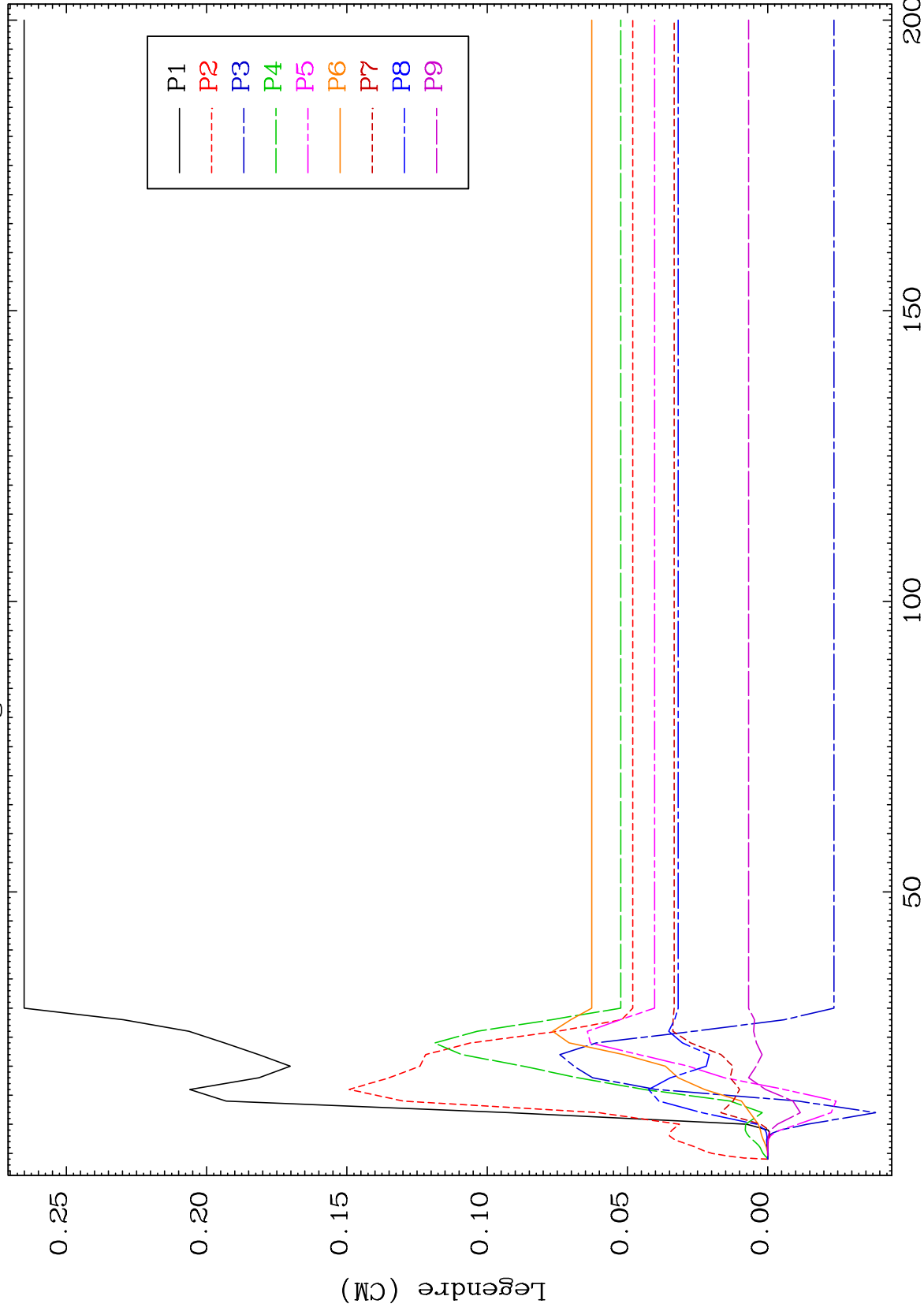
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



87

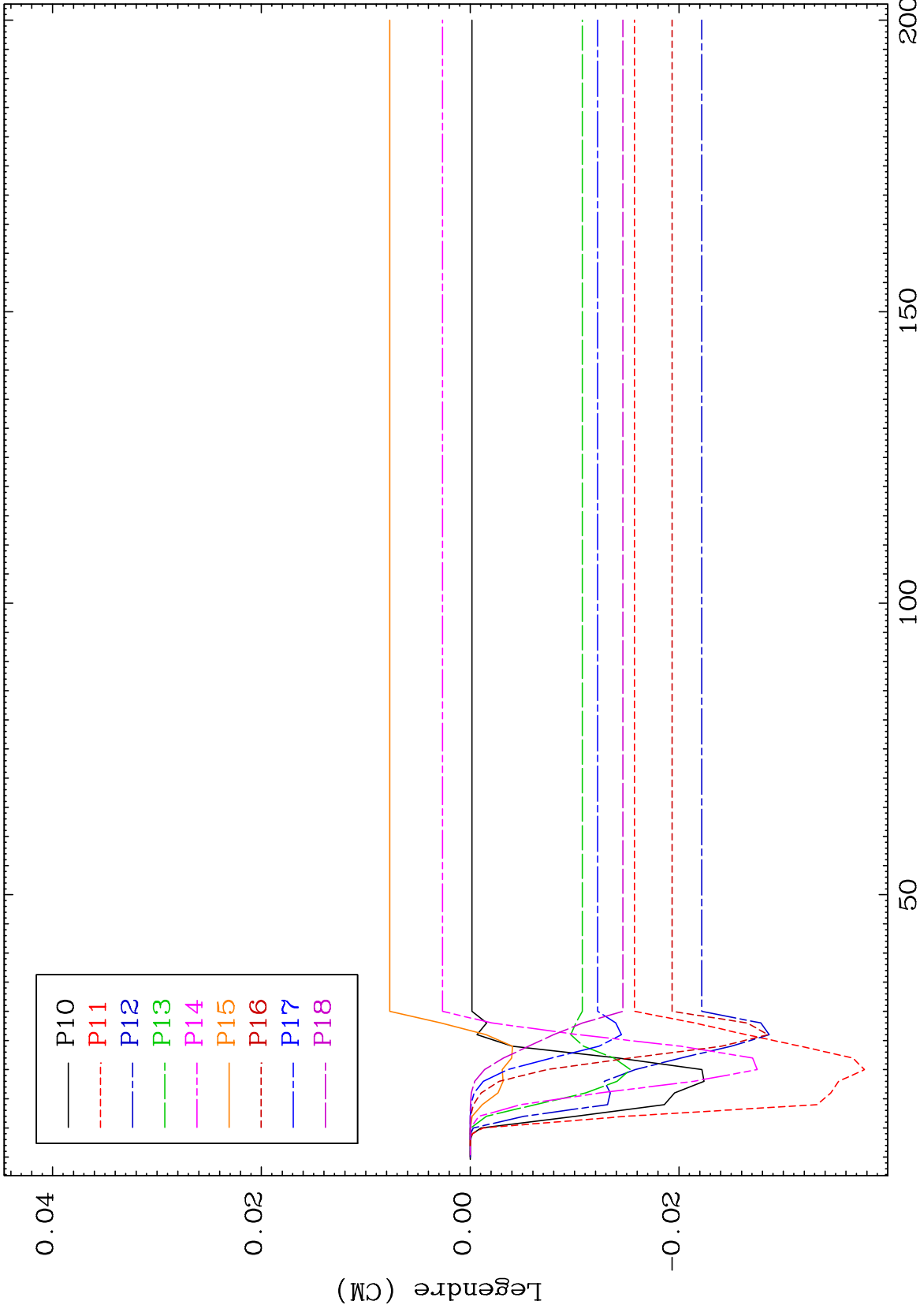
Incident Energy (MeV)

50-Sn-133

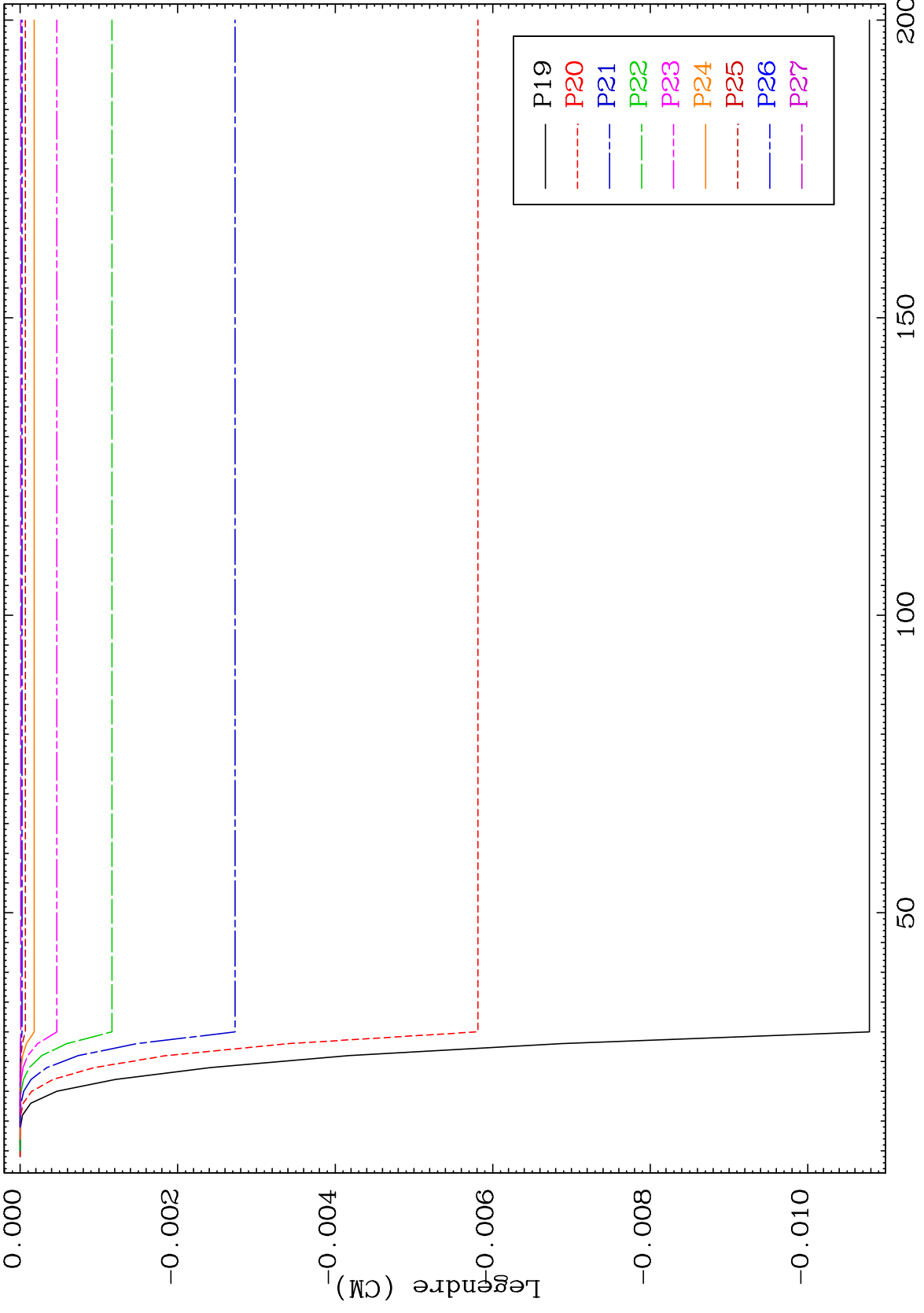
MAT 5088

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

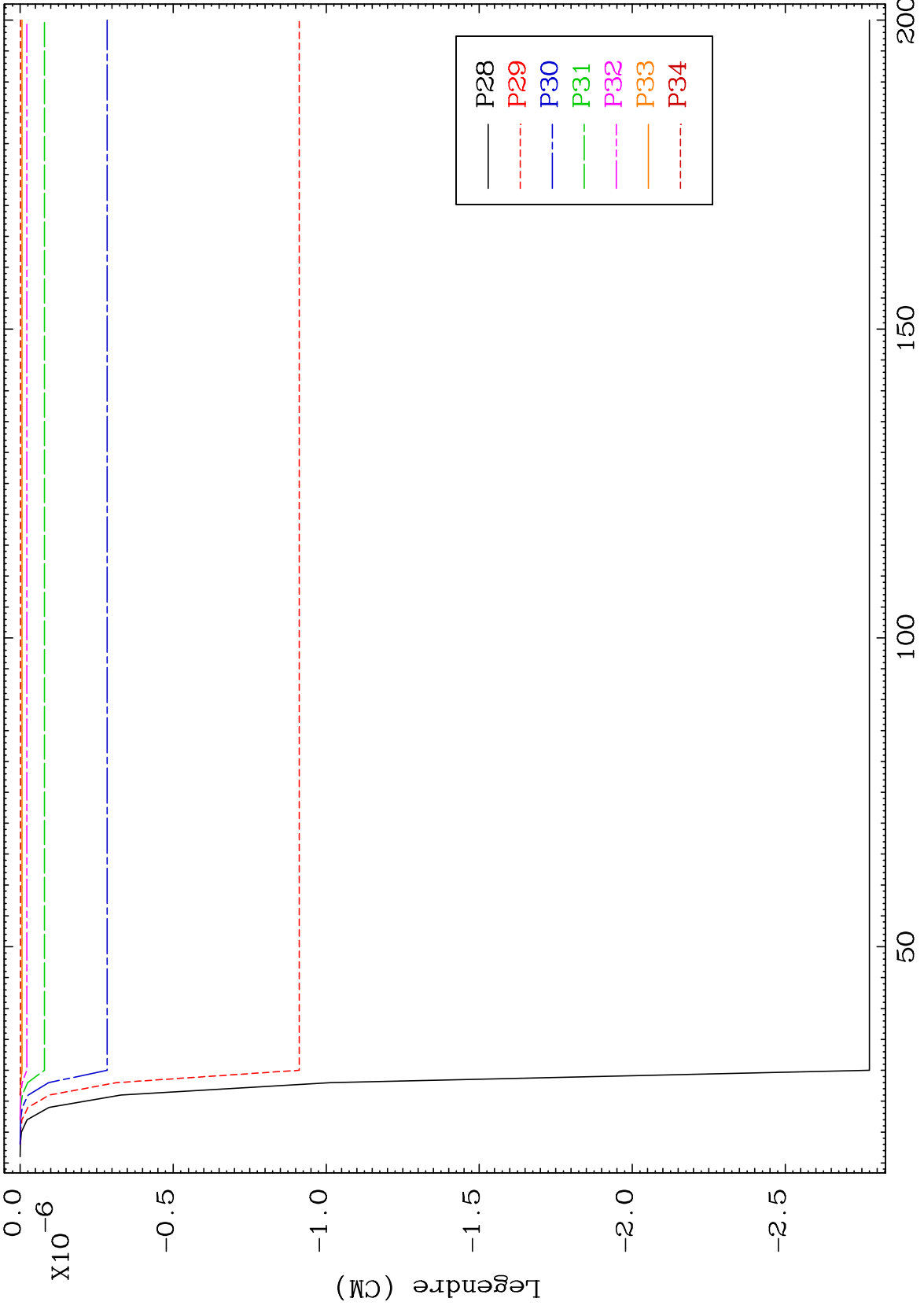
50-Sn-133



MAT 5088 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-133



MAT 5088 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-133

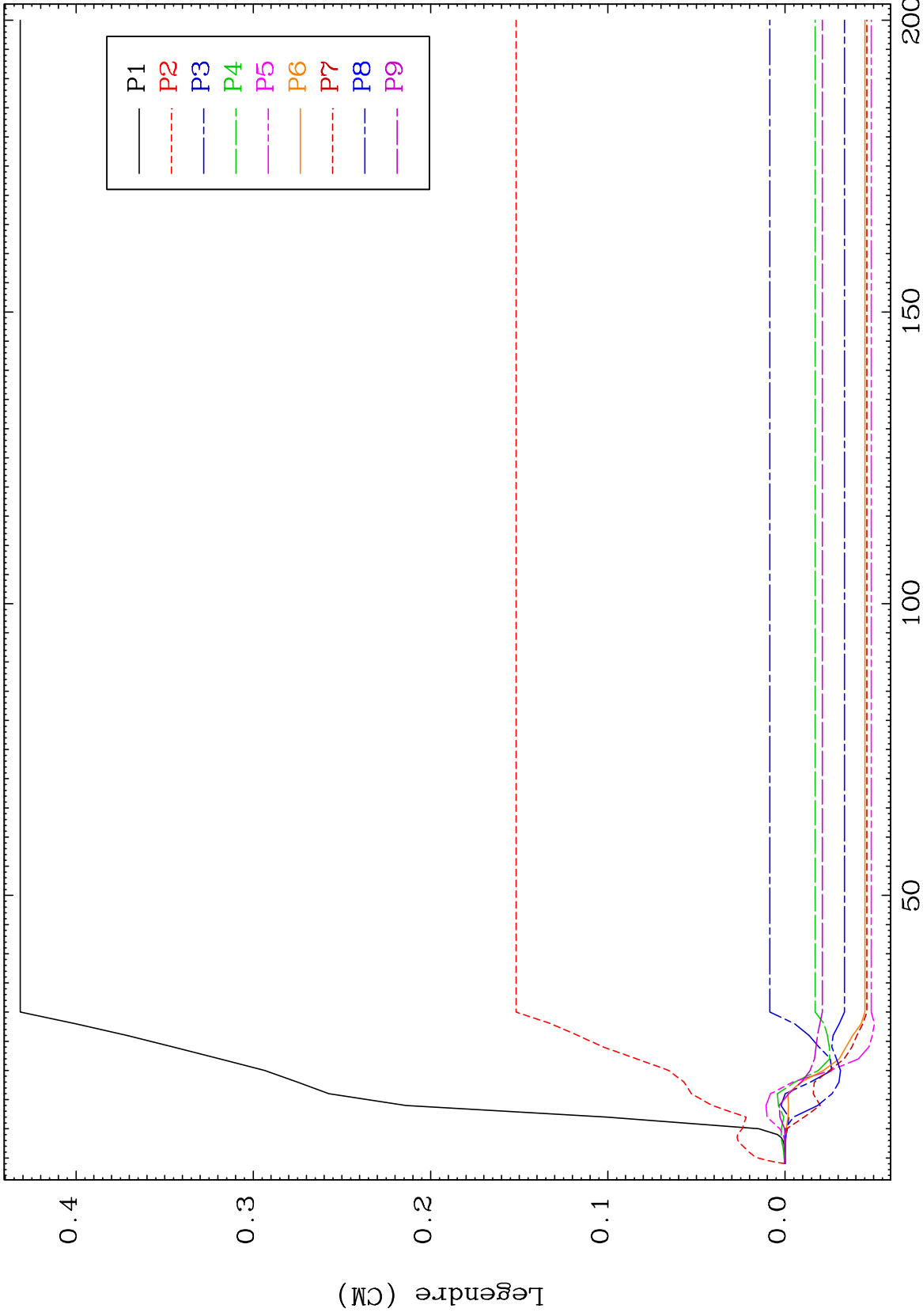


90 50 100 150 200 Incident Energy (MeV) 50-Sn-133

MAT 5088

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

50-Sn-133



91

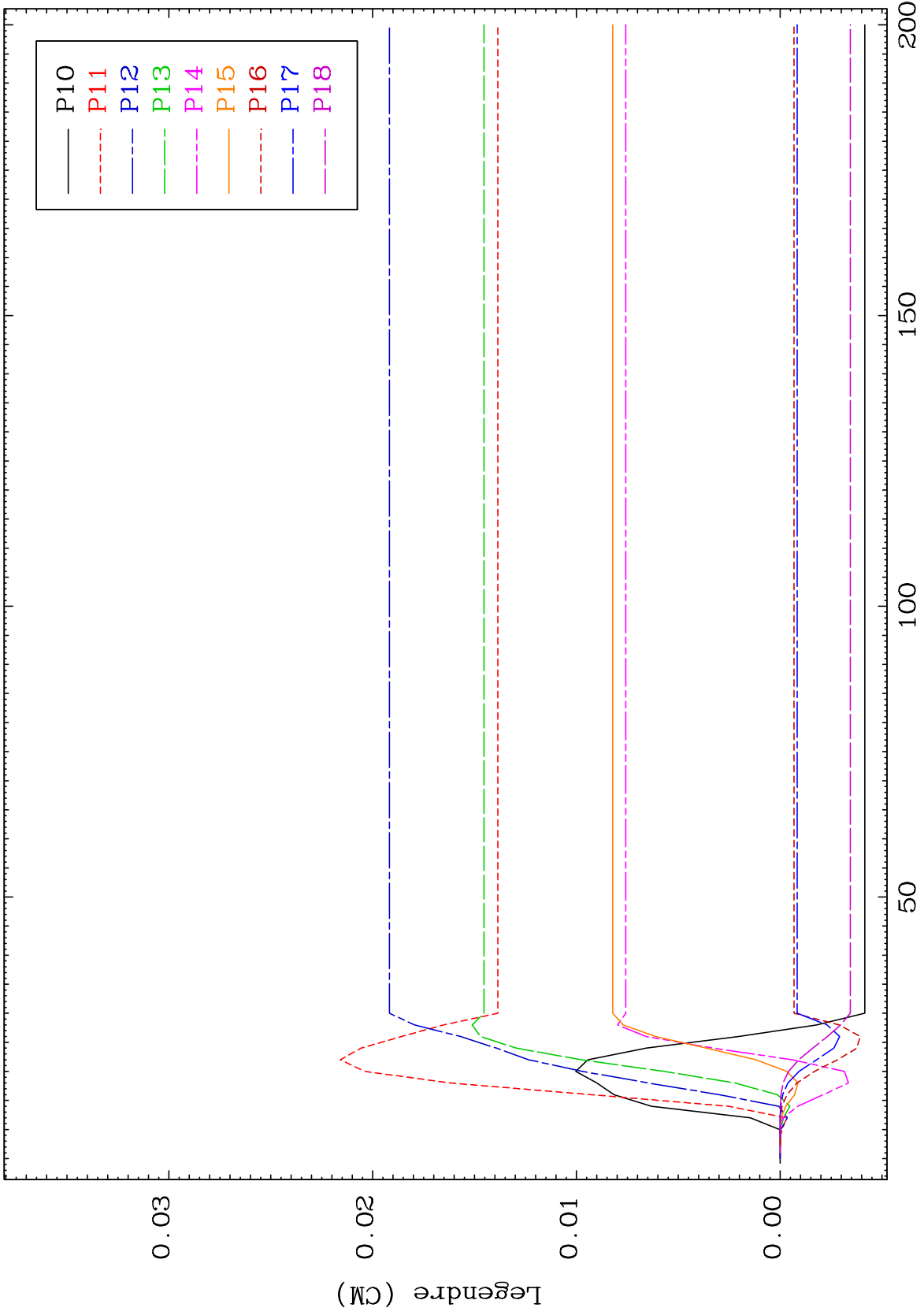
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



92

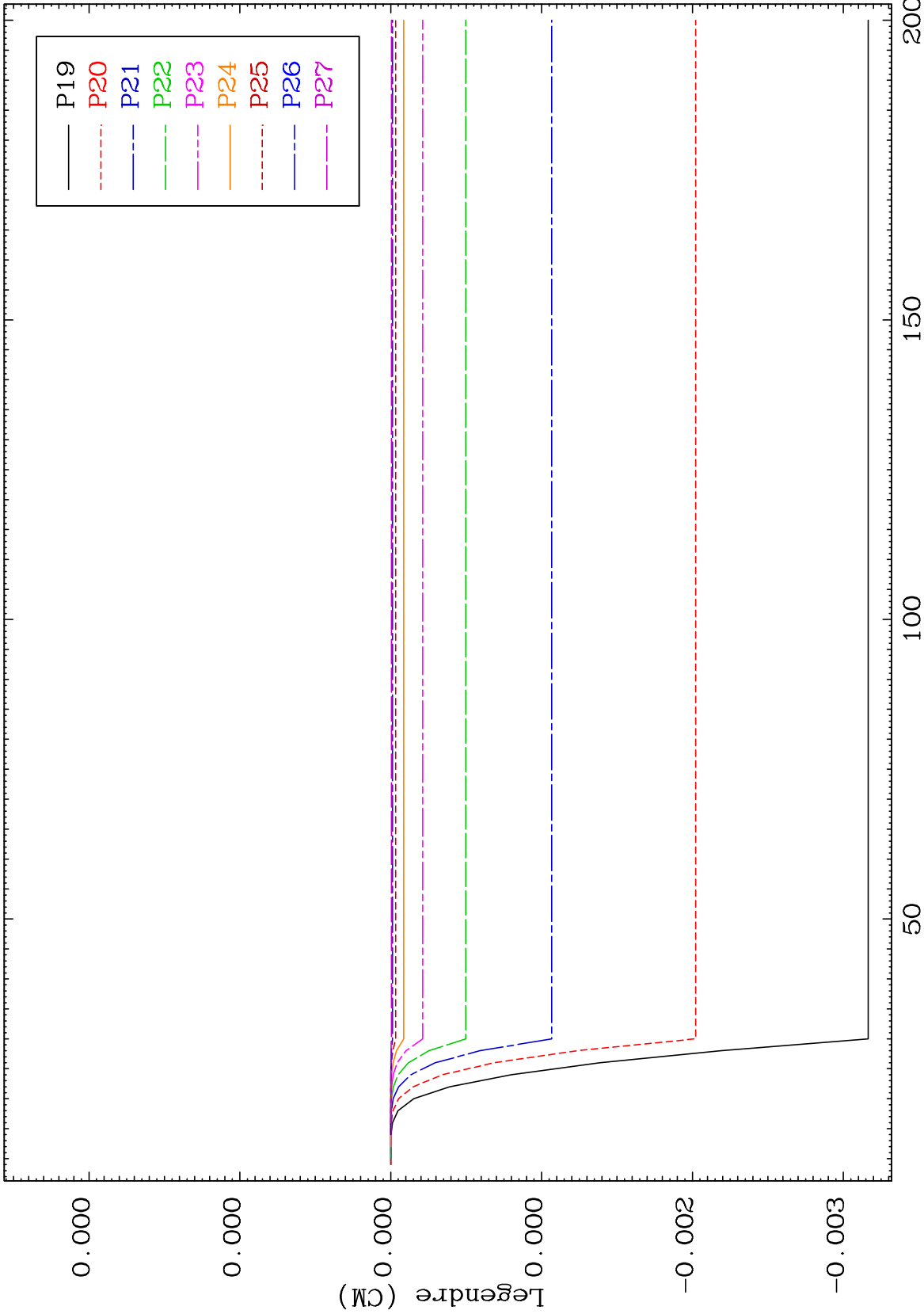
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133

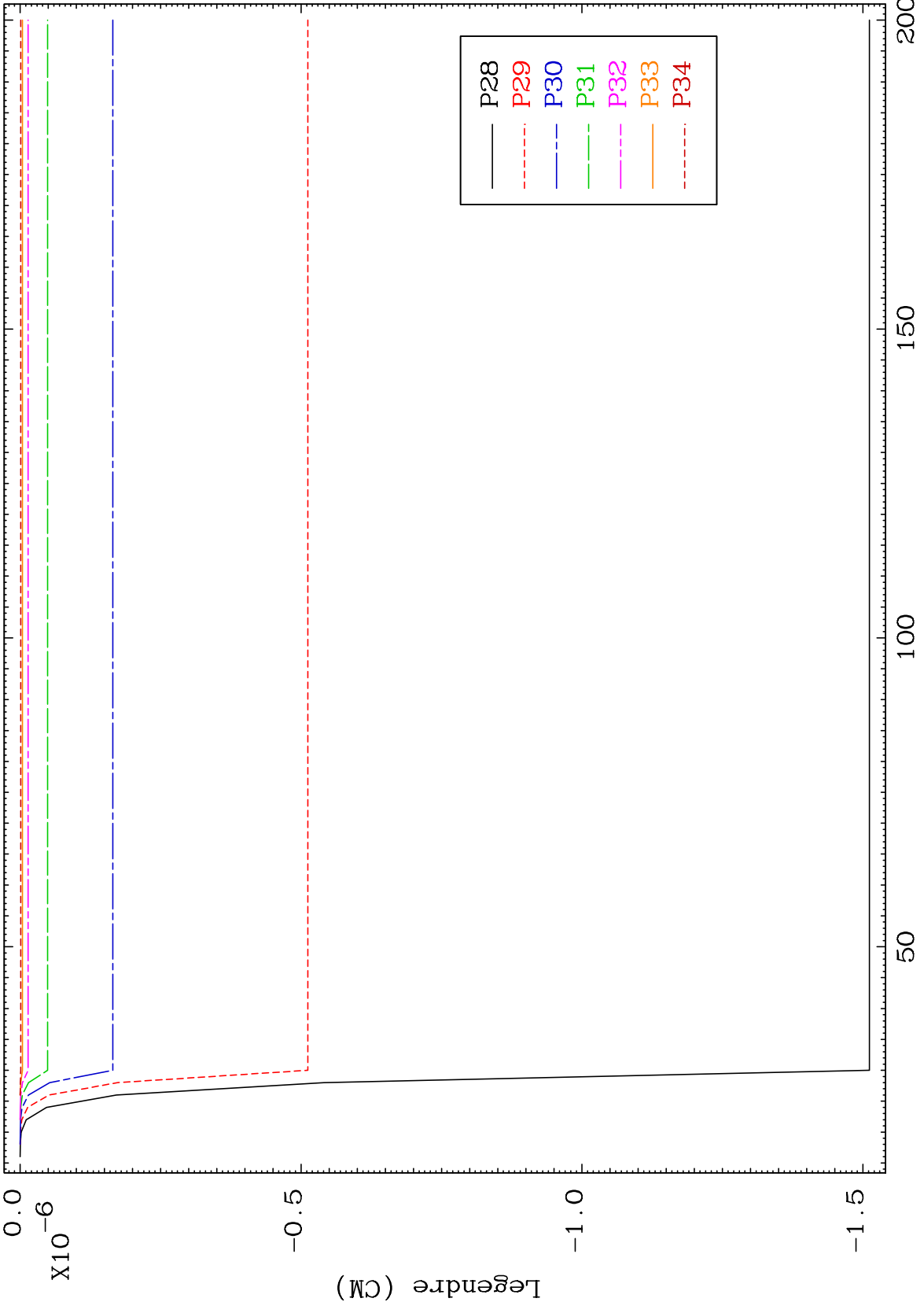


93

Incident Energy (MeV)

50-Sn-133

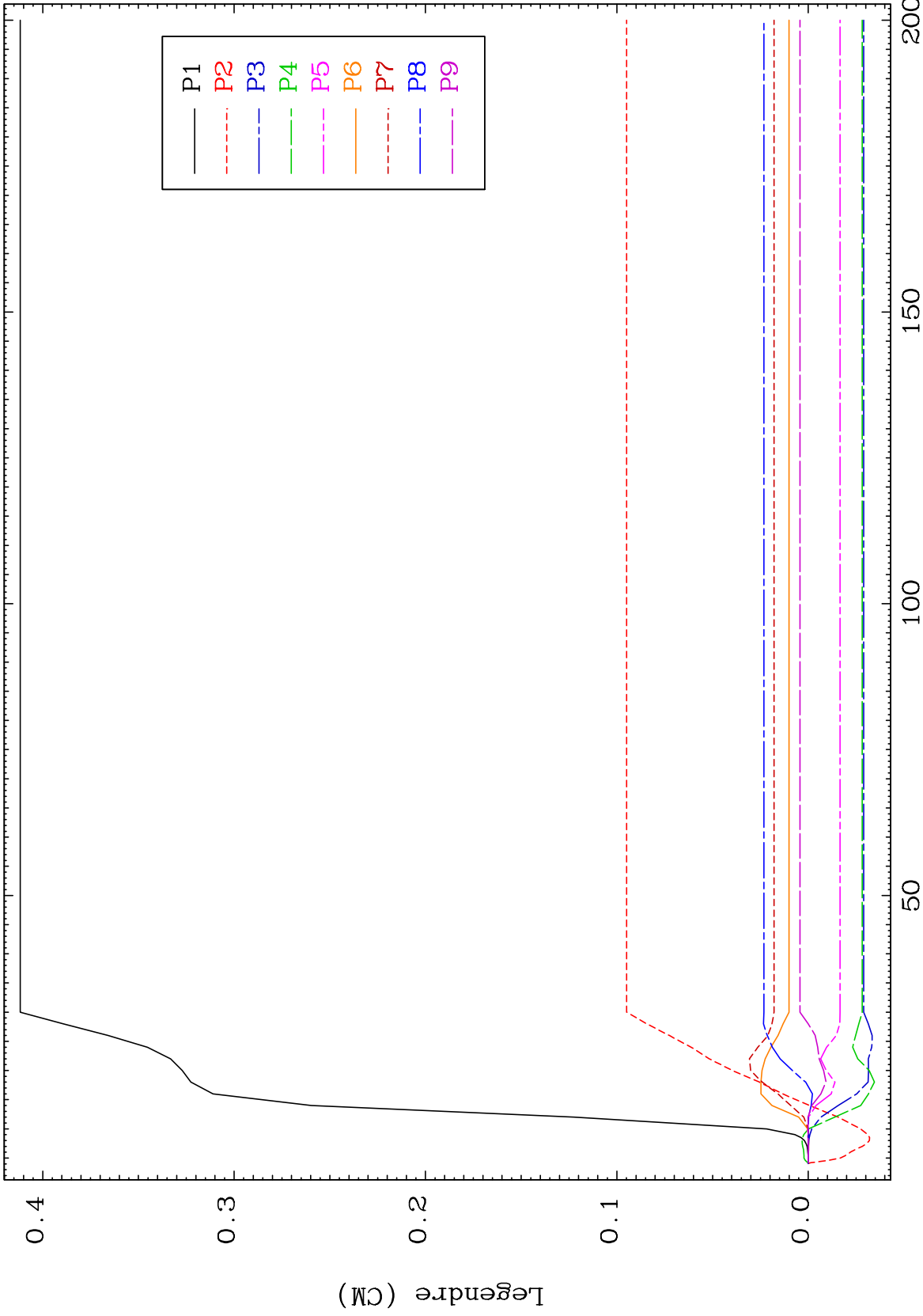
MAT 5088 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-133



MAT 5088

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

50-Sn-133



95

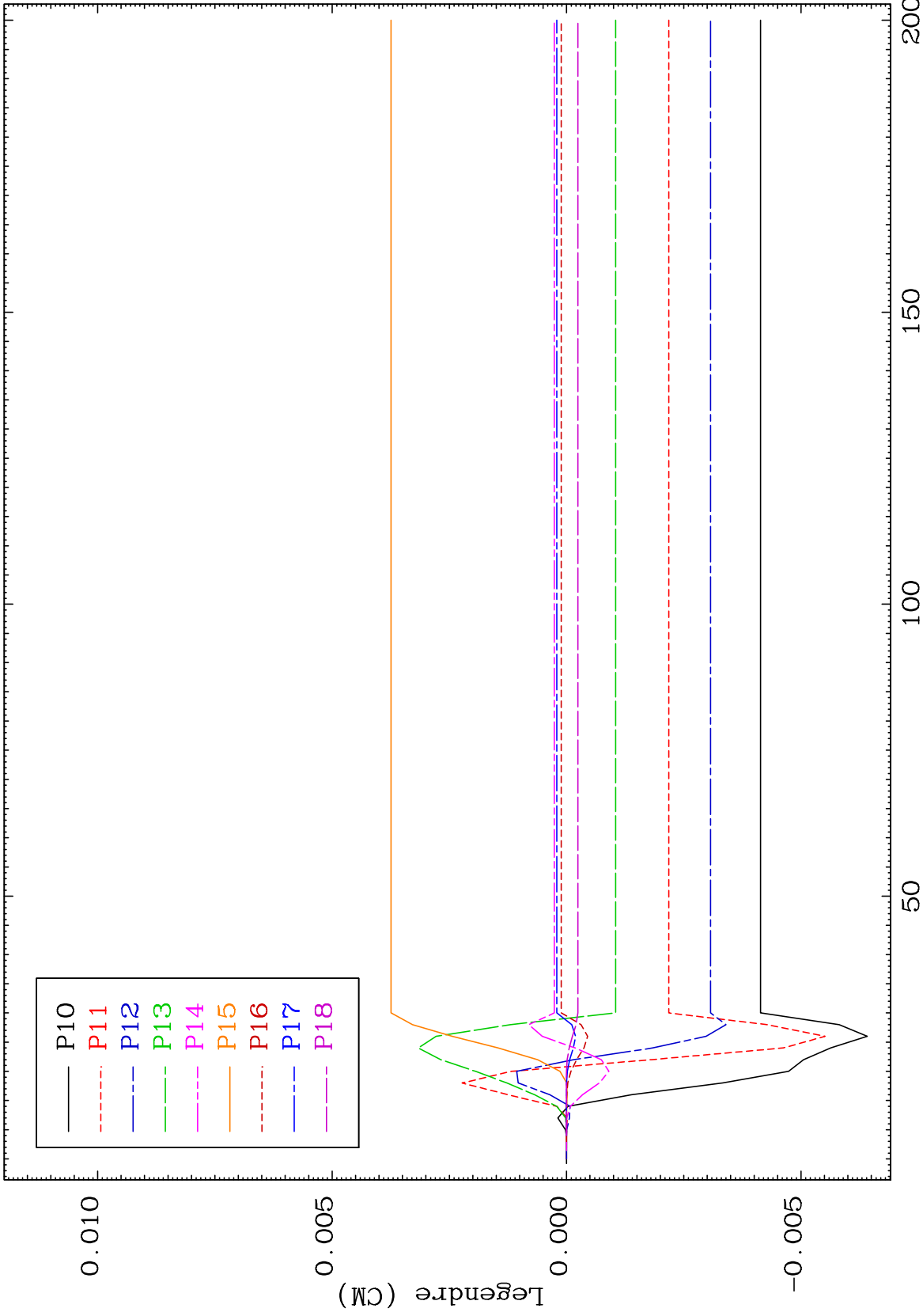
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

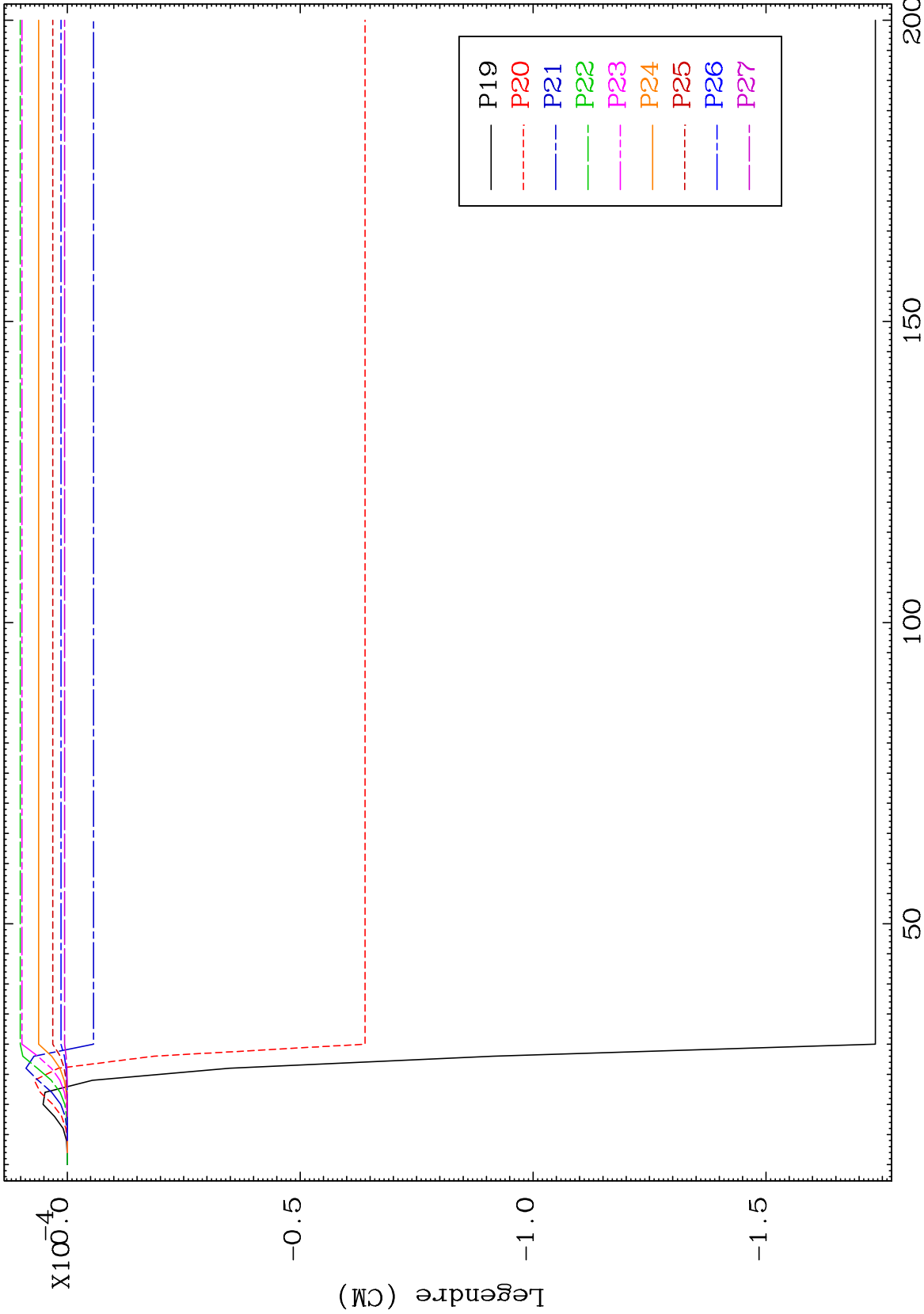
50-Sn-133



MAT 5088

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

50-Sn-133



97

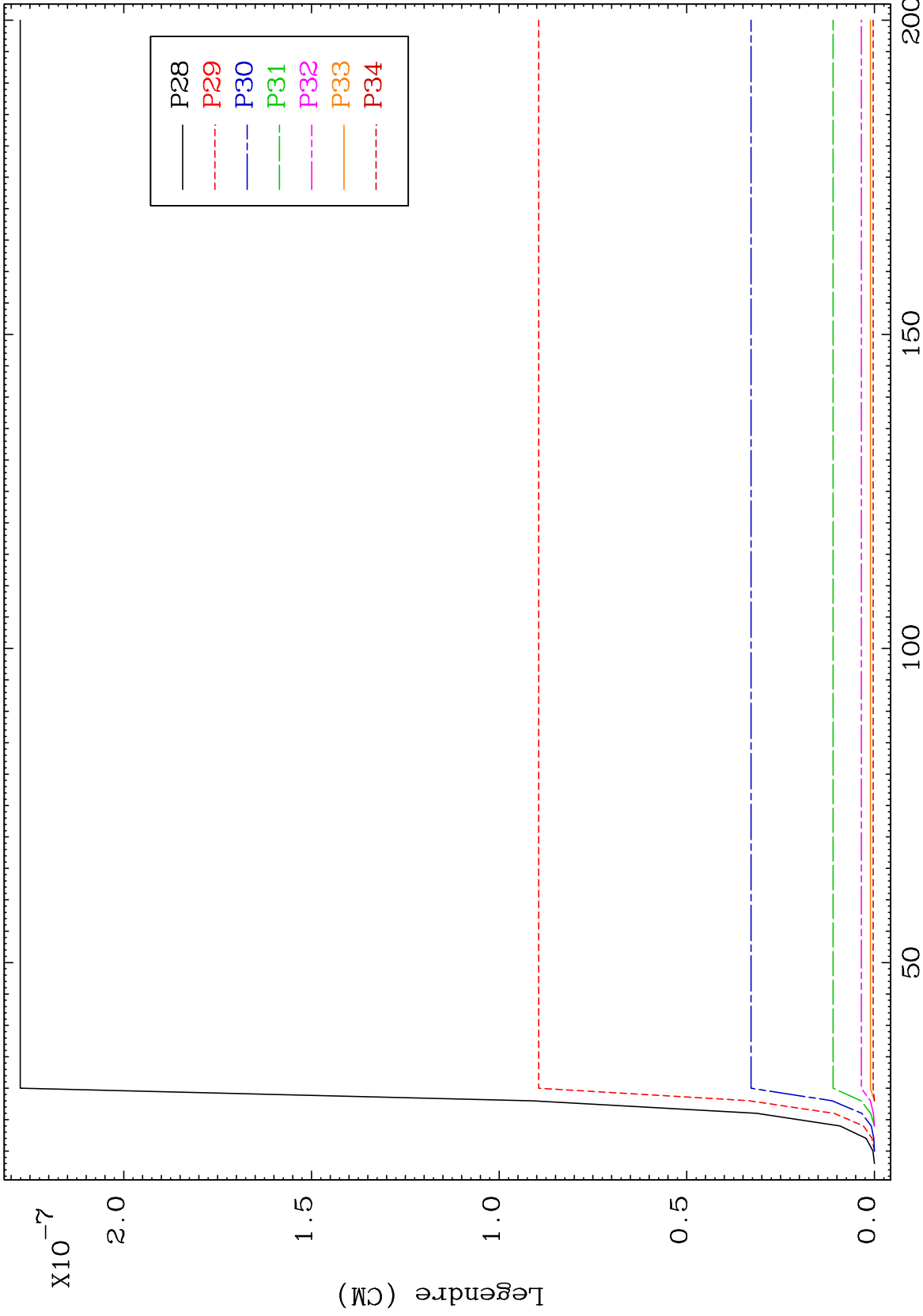
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

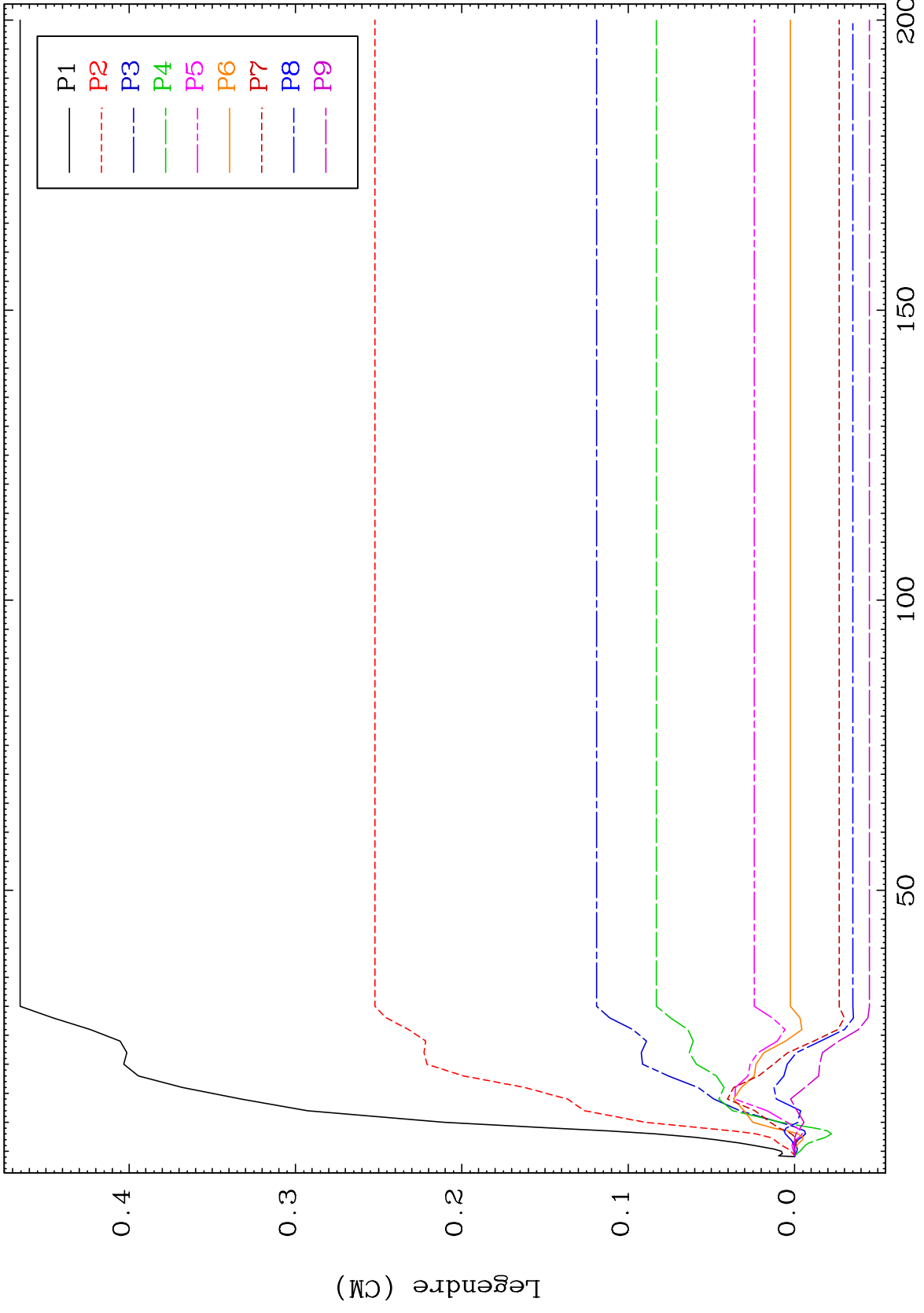
50-Sn-133



98

50-Sn-133

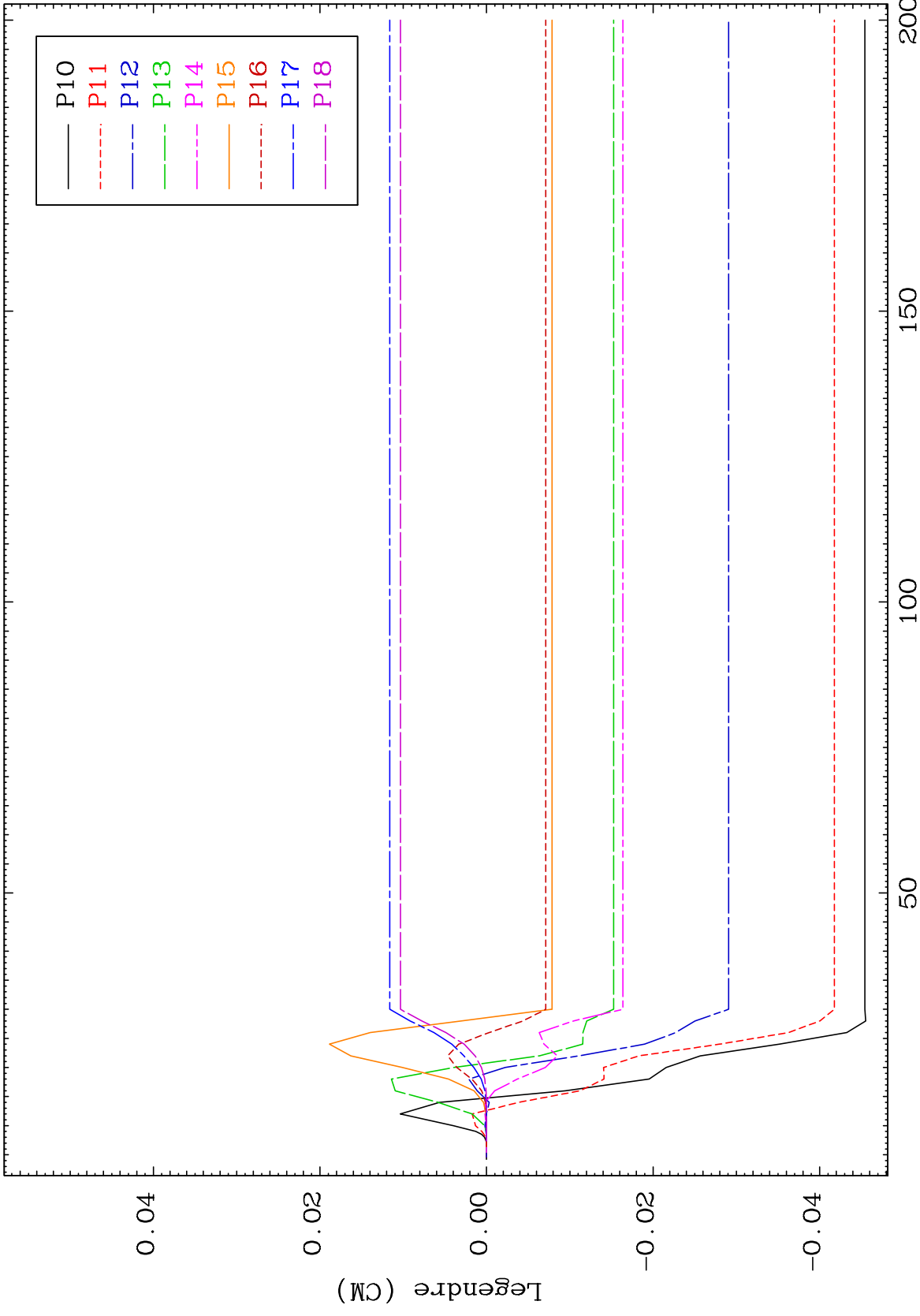
MAT 5088 MT= 72 (n,n') Level Legendre Coefficients 50-Sn-133



MAT 5088

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

50-Sn-133



50-Sn-133

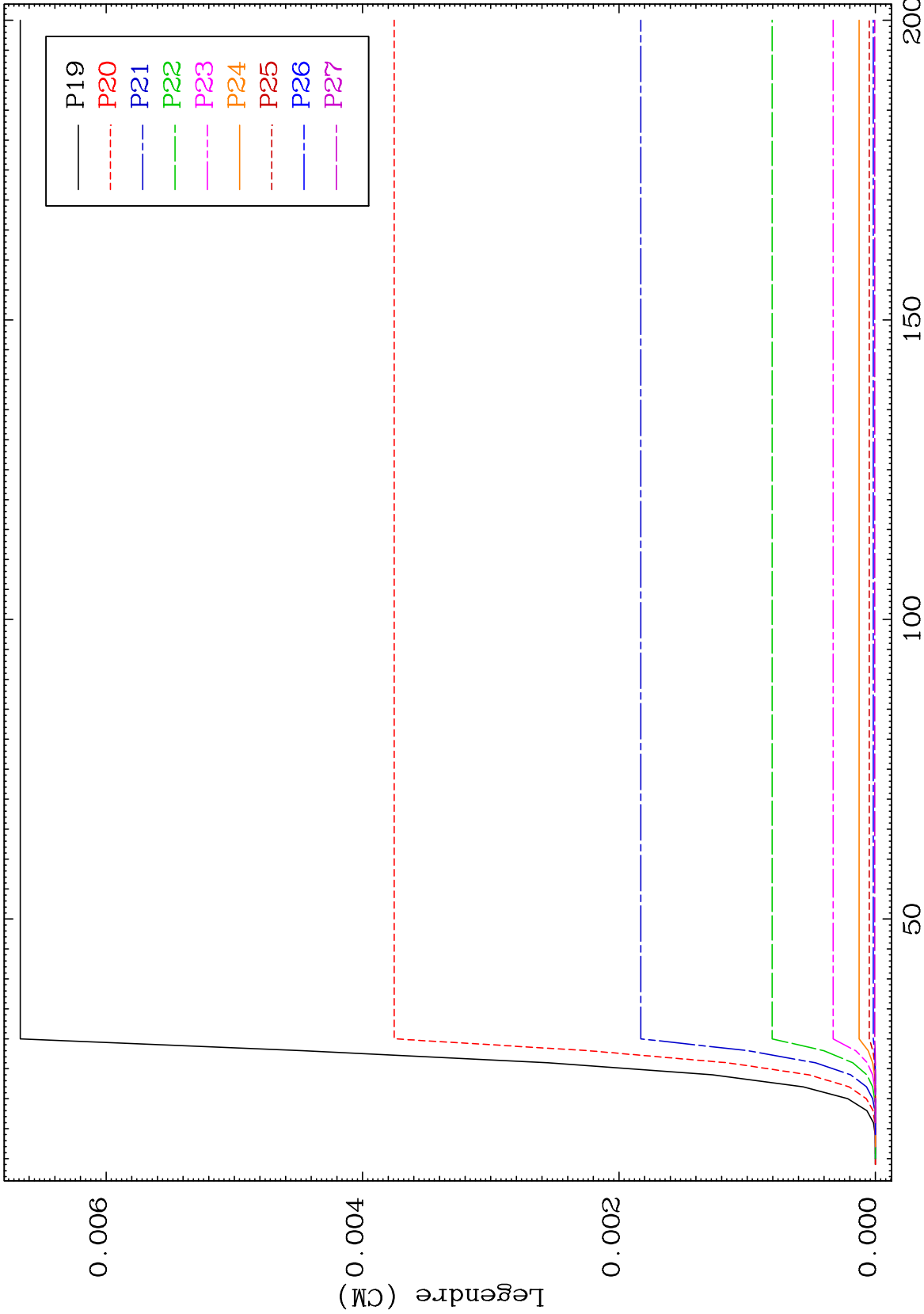
Incident Energy (MeV)

100

MAT 5088

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

50-Sn-133



101

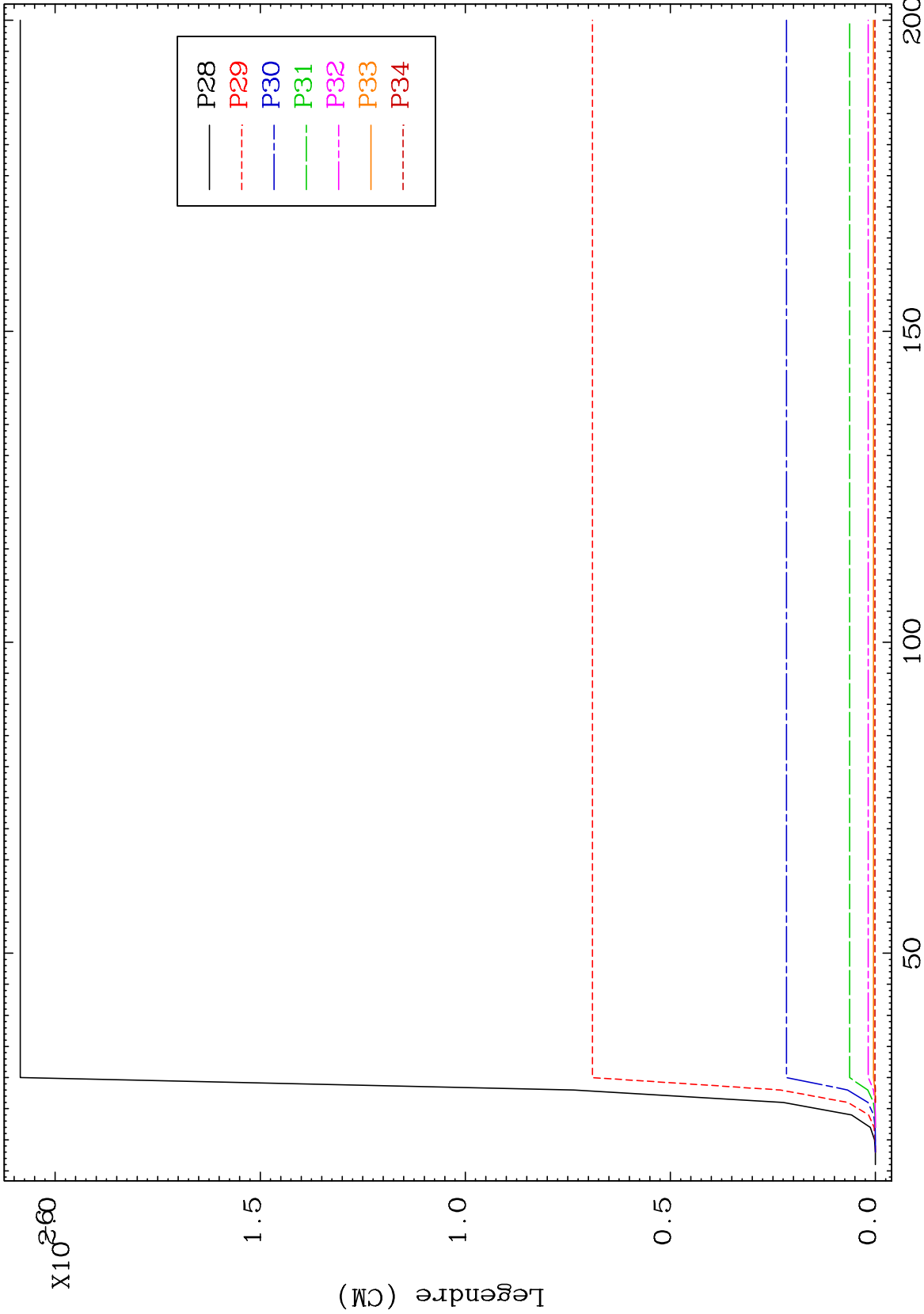
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133

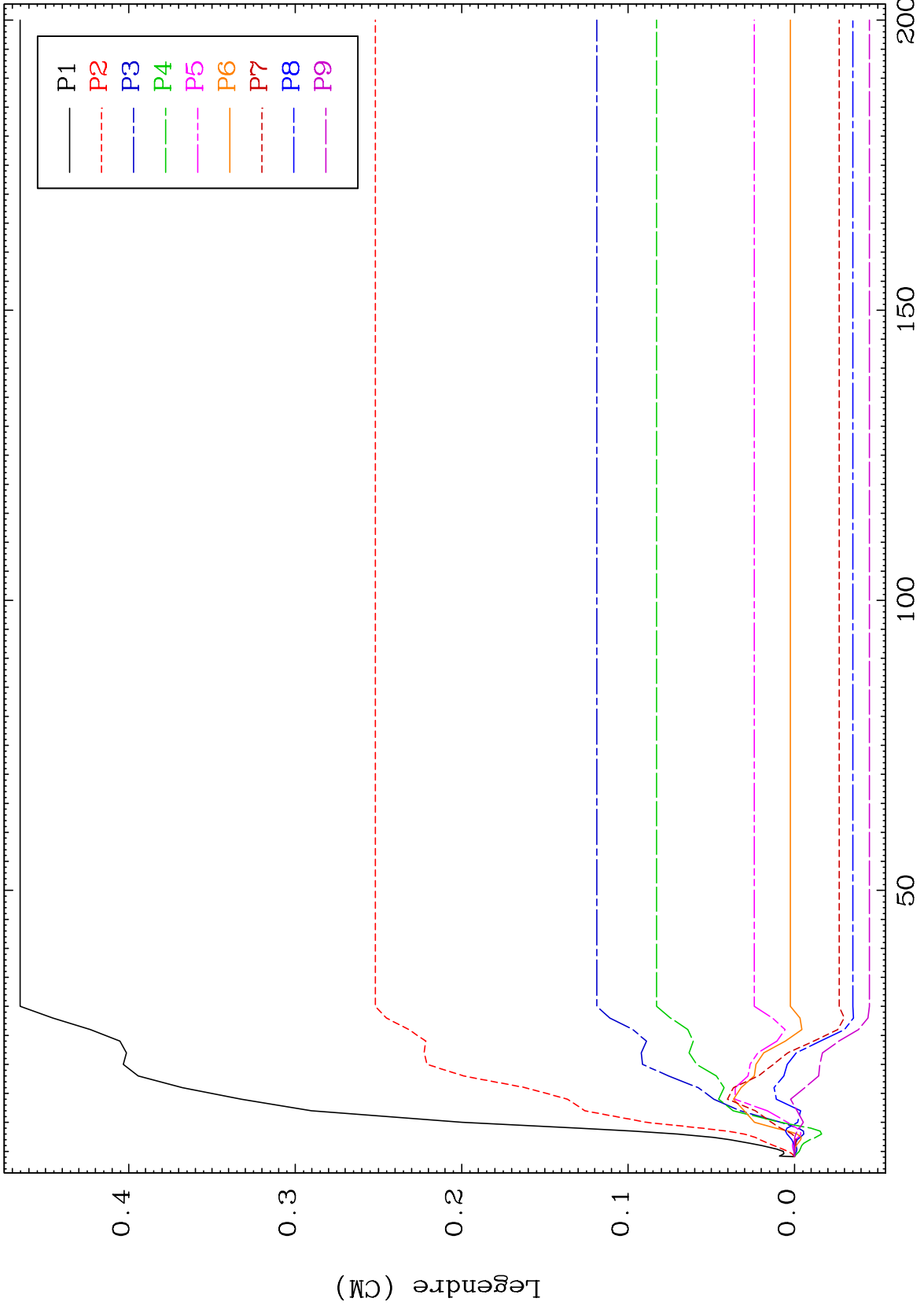


102

Incident Energy (MeV)

50-Sn-133

MAT 5088 MT= 73 (n,n') Level Legendre Coefficients 50-Sn-133

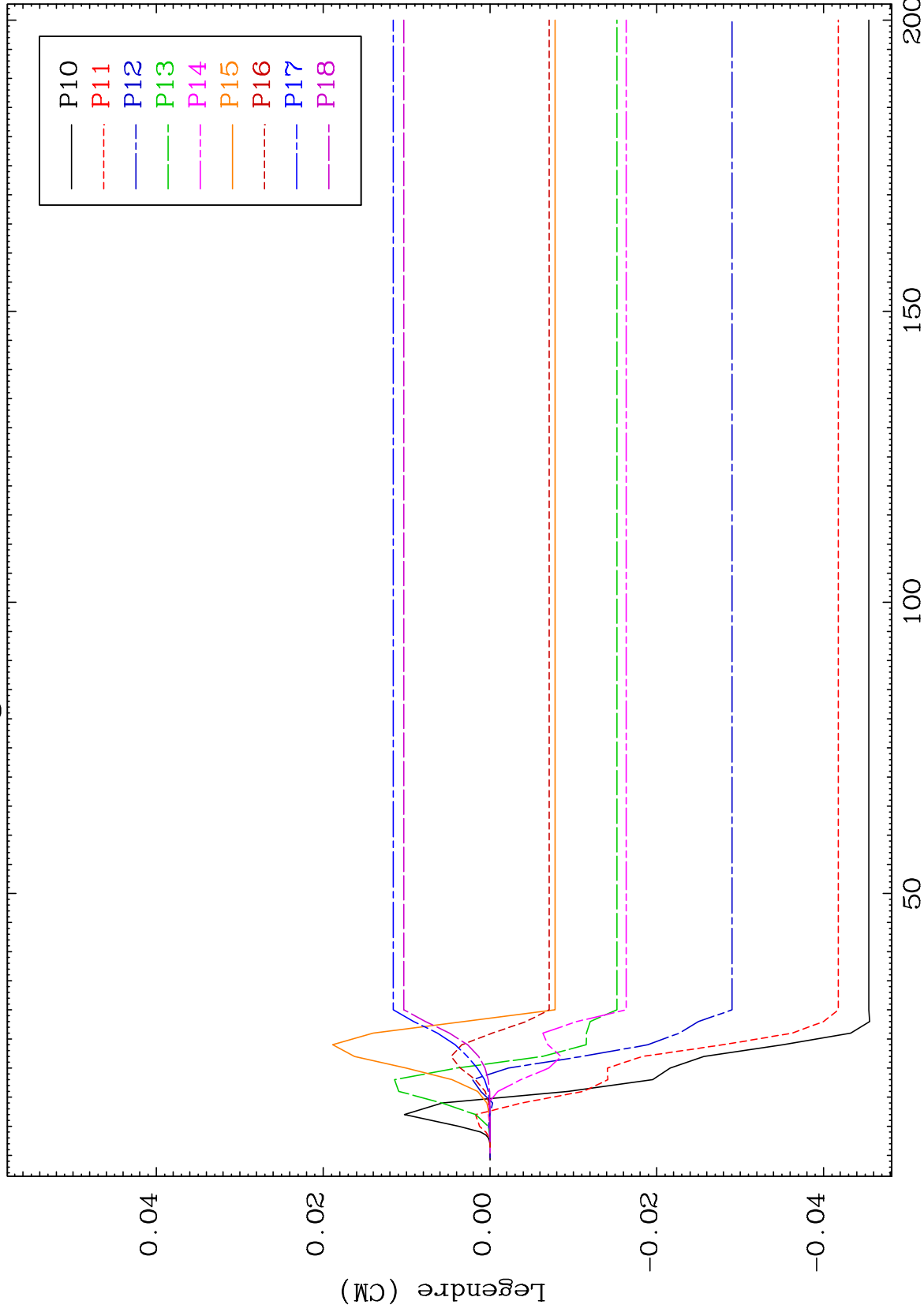


103 50-Sn-133

MAT 5088

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

50-Sn-133

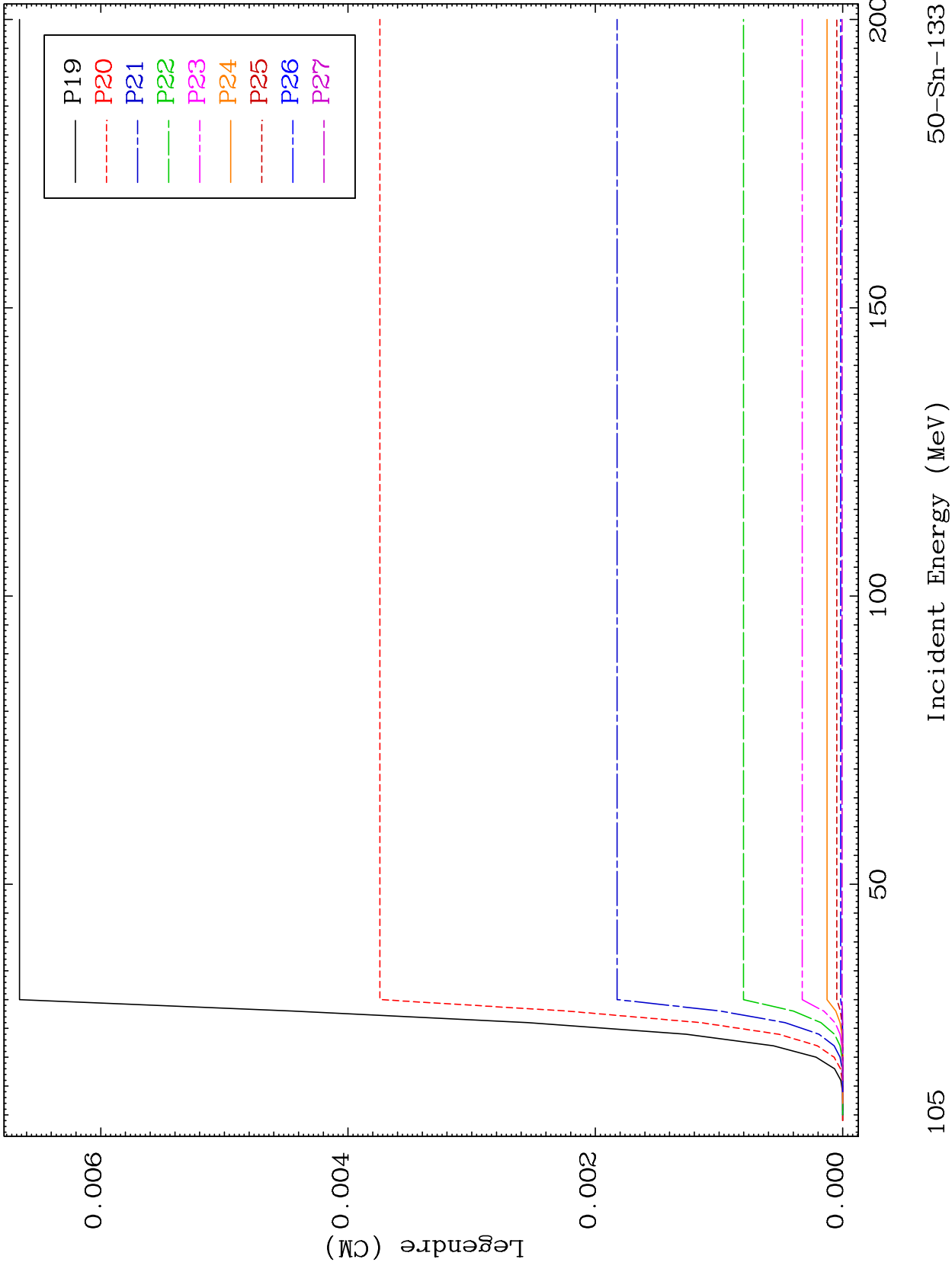


104

Incident Energy (MeV)

50-Sn-133

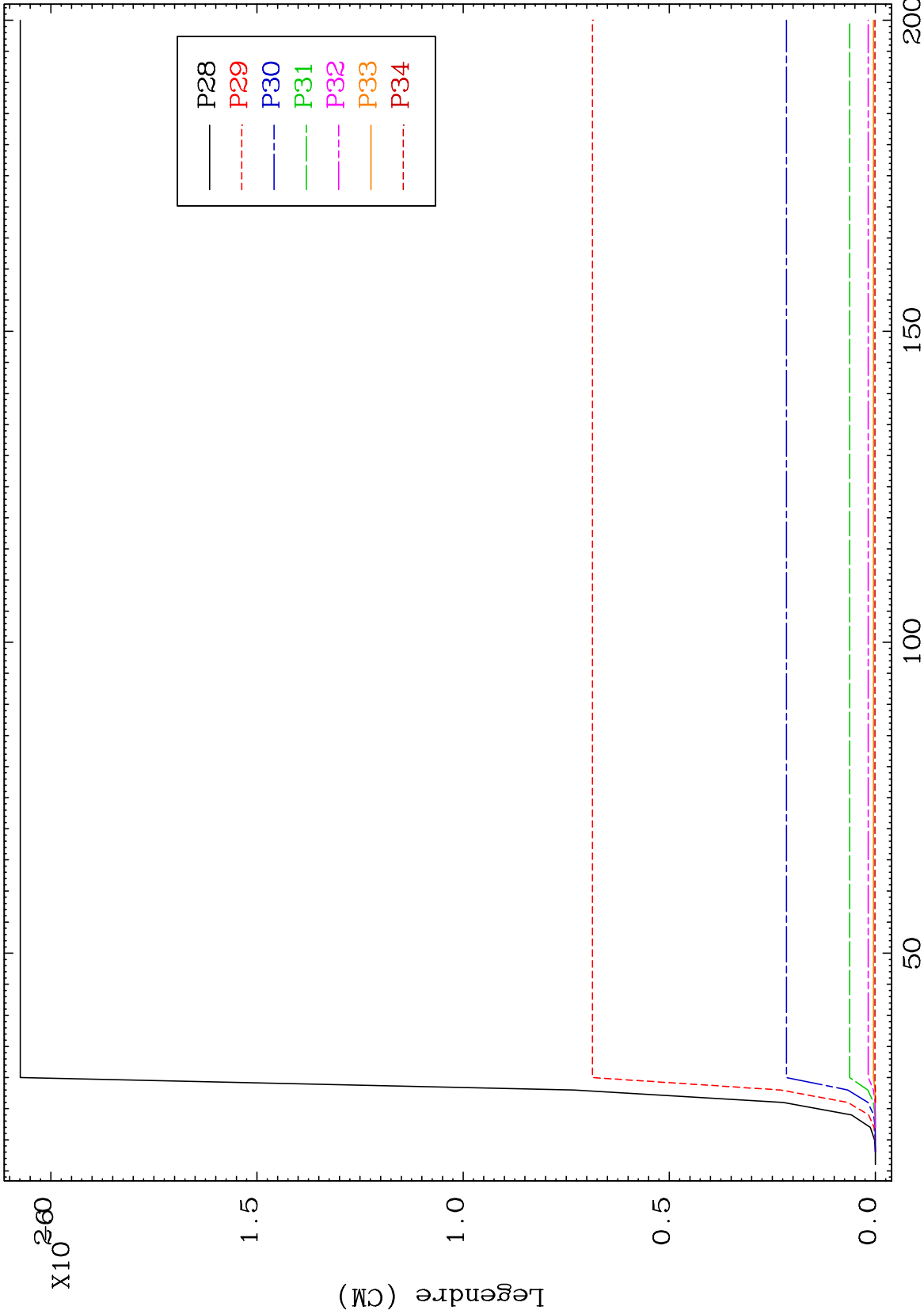
MAT 5088 MT= 73 (n,n') Level Legendre Coefficients 50-Sn-133



MAT 5088

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

50-Sn-133



106

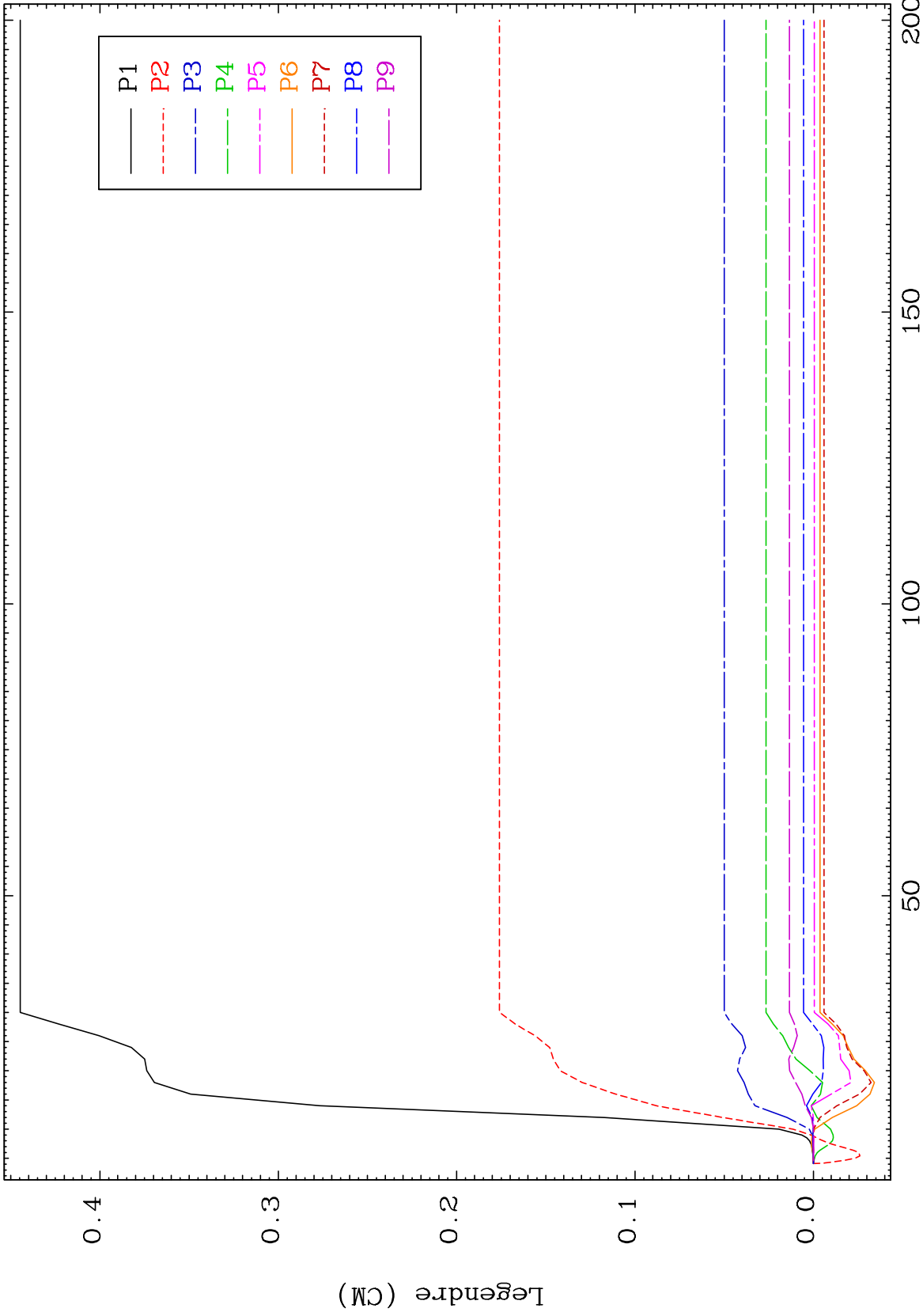
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



107

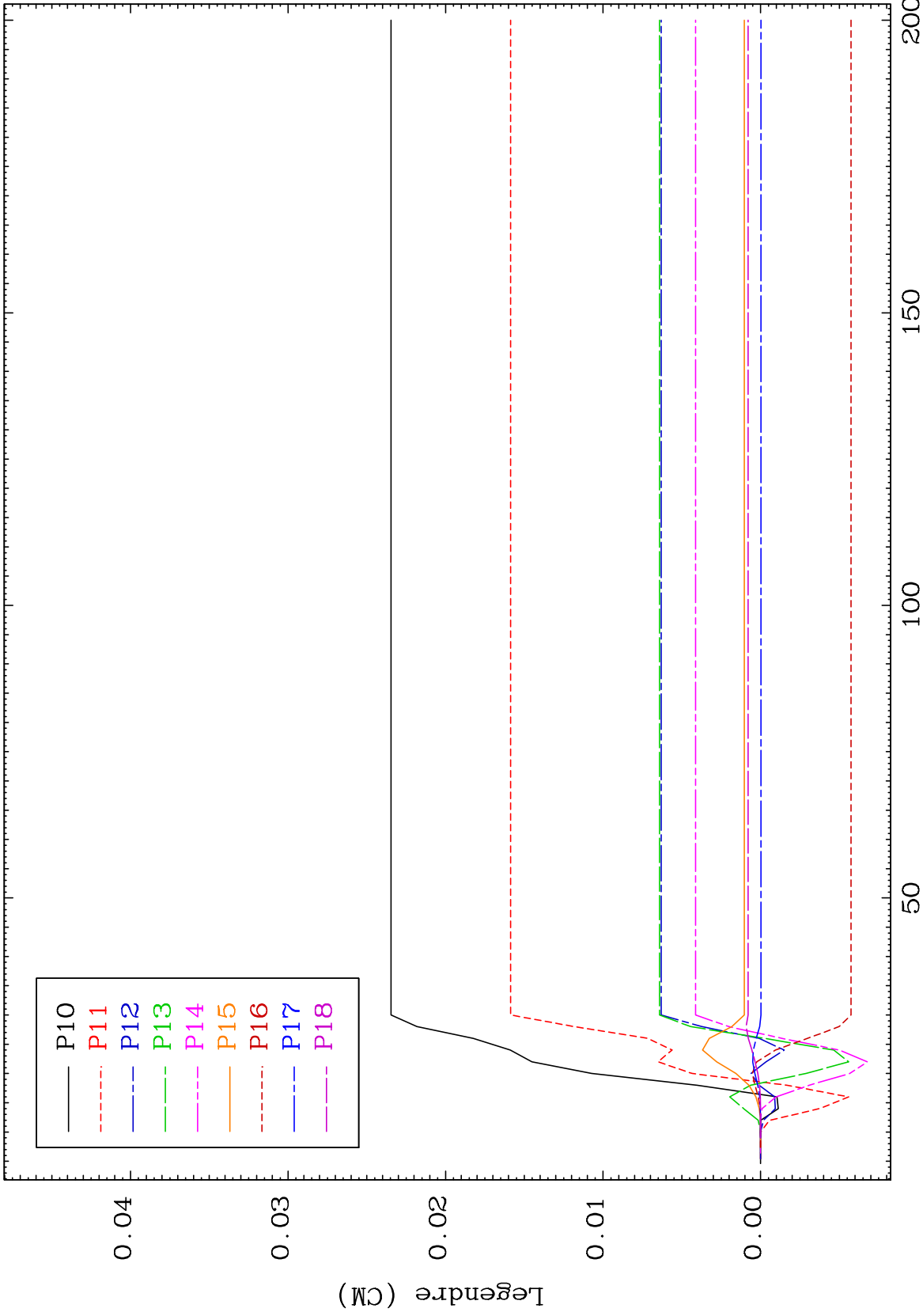
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



108

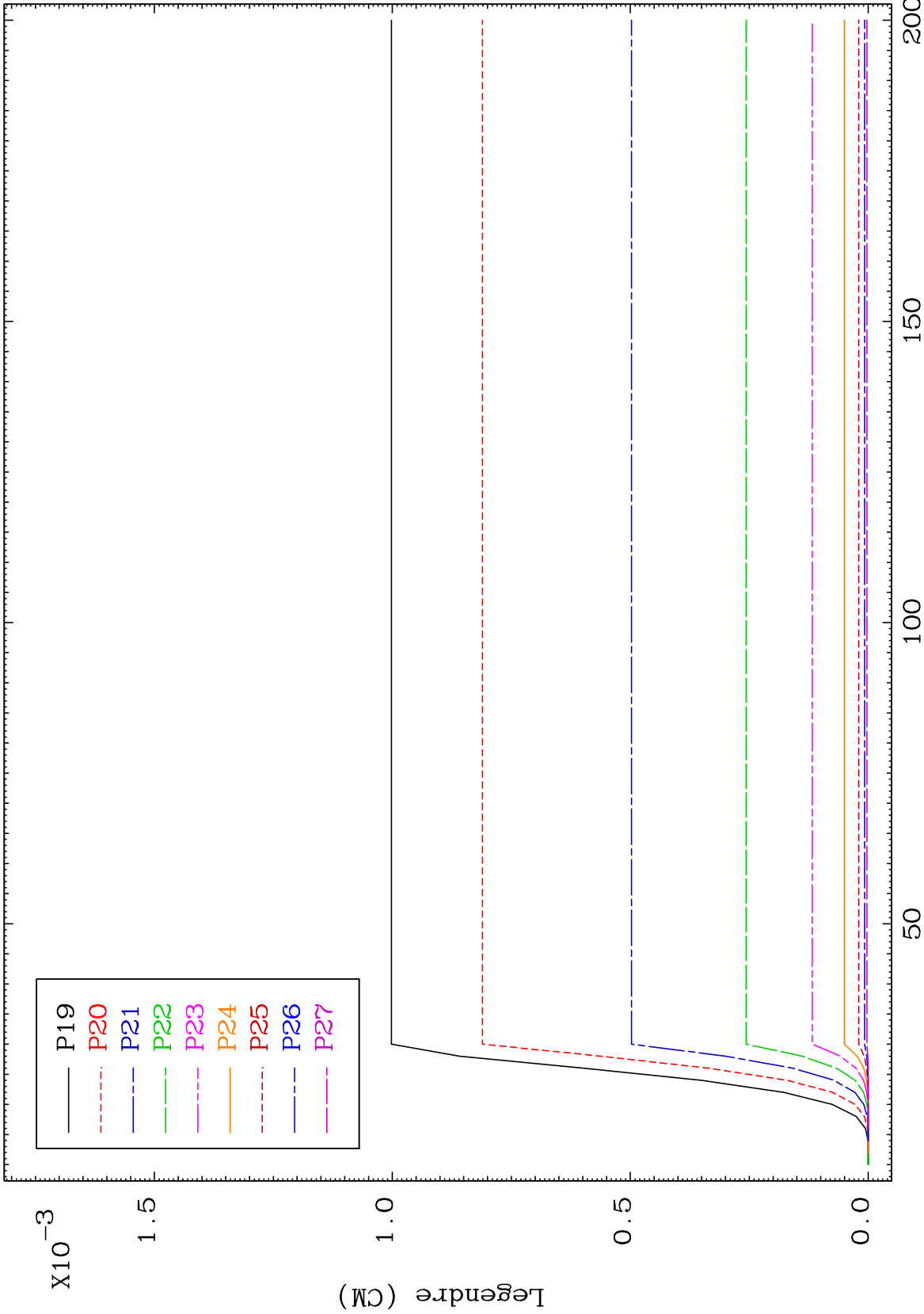
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



109

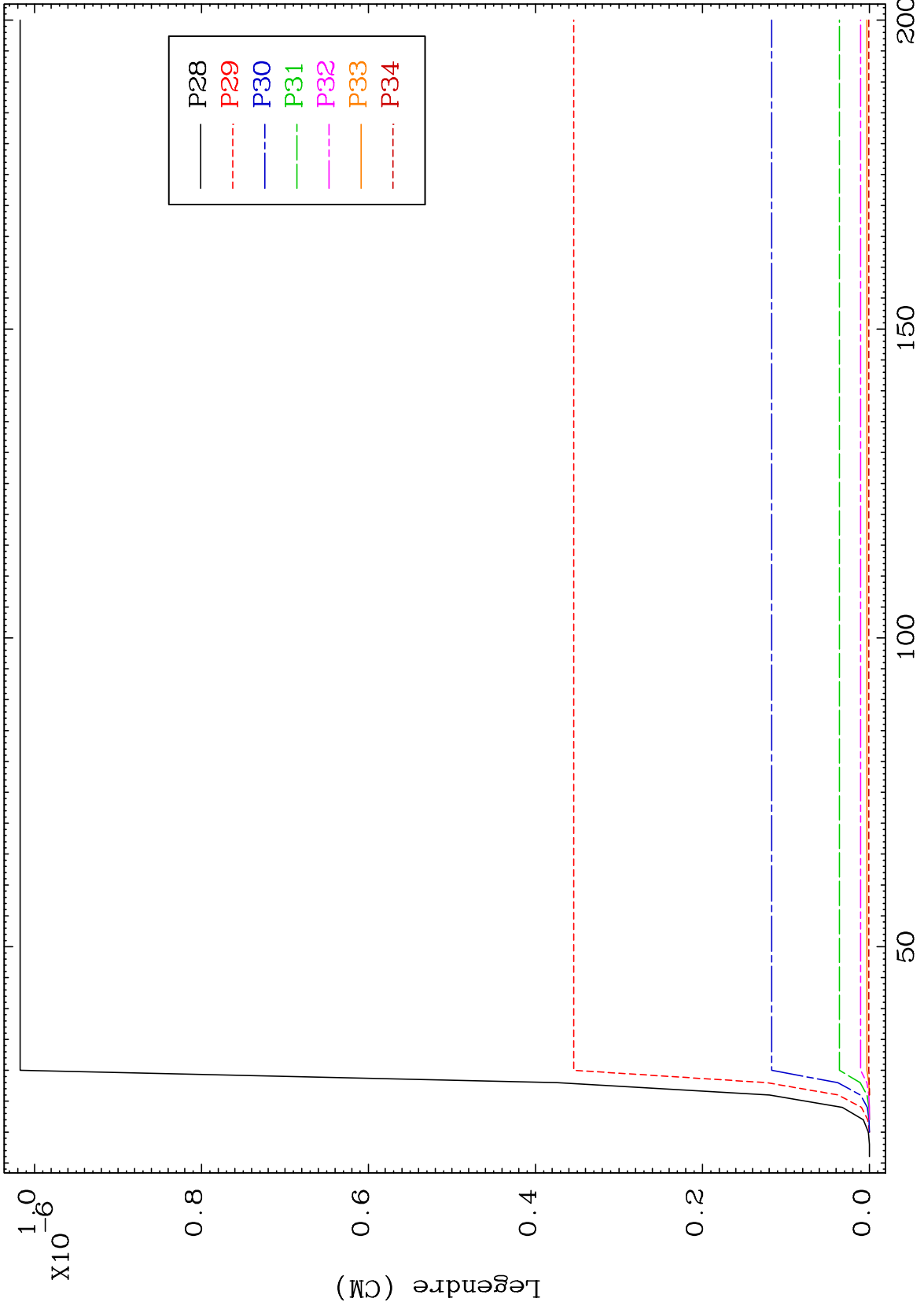
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



110

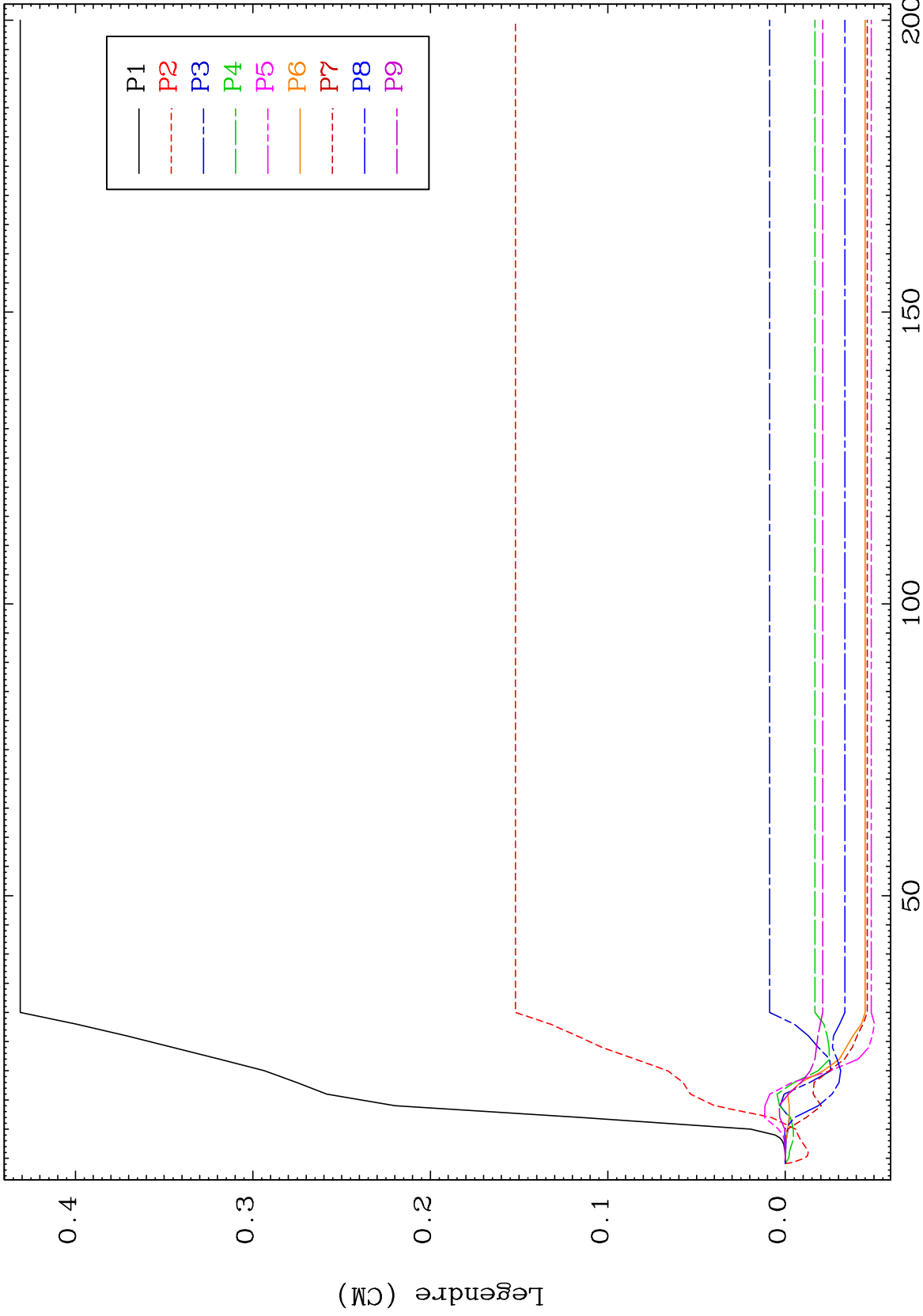
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



111

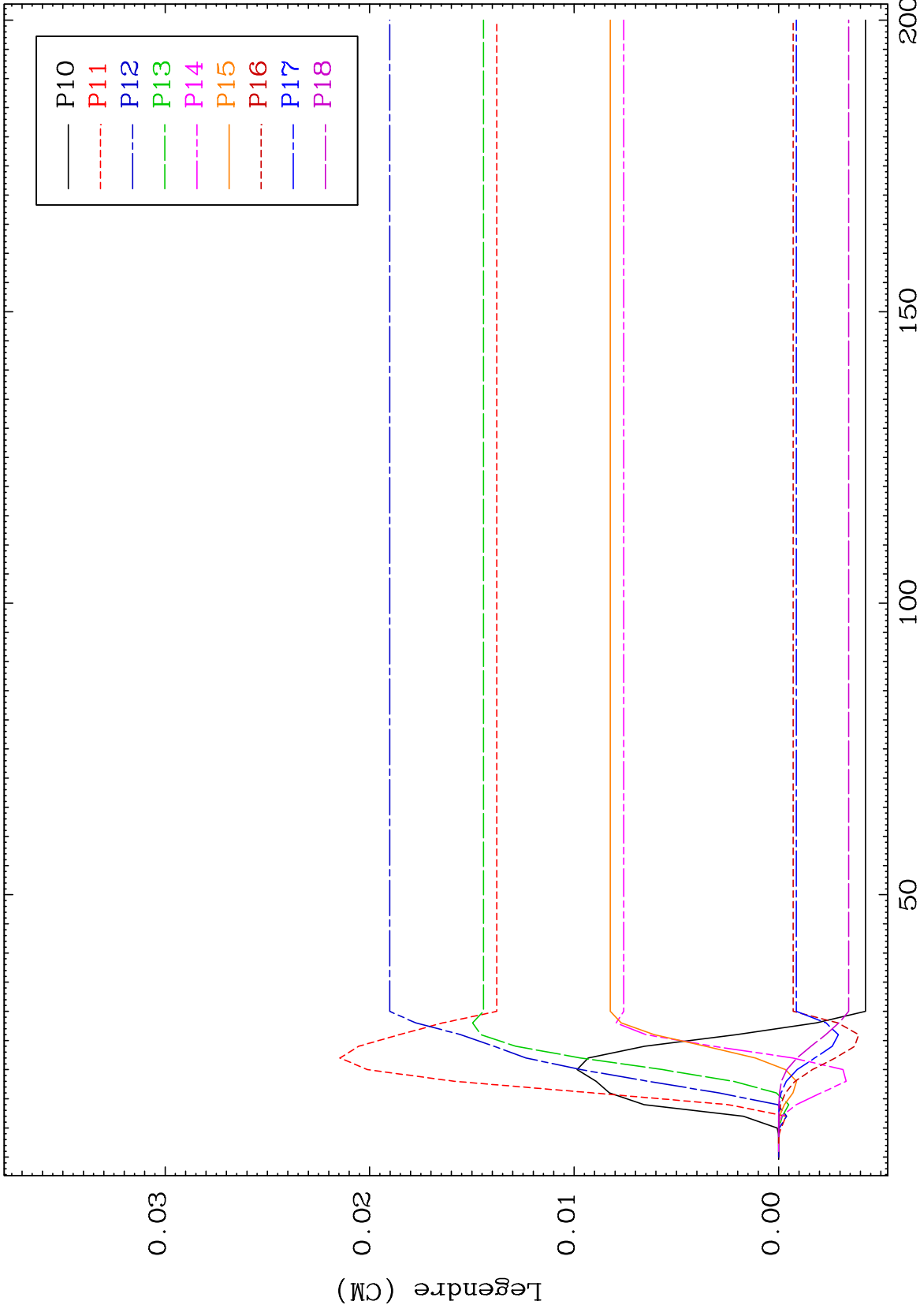
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



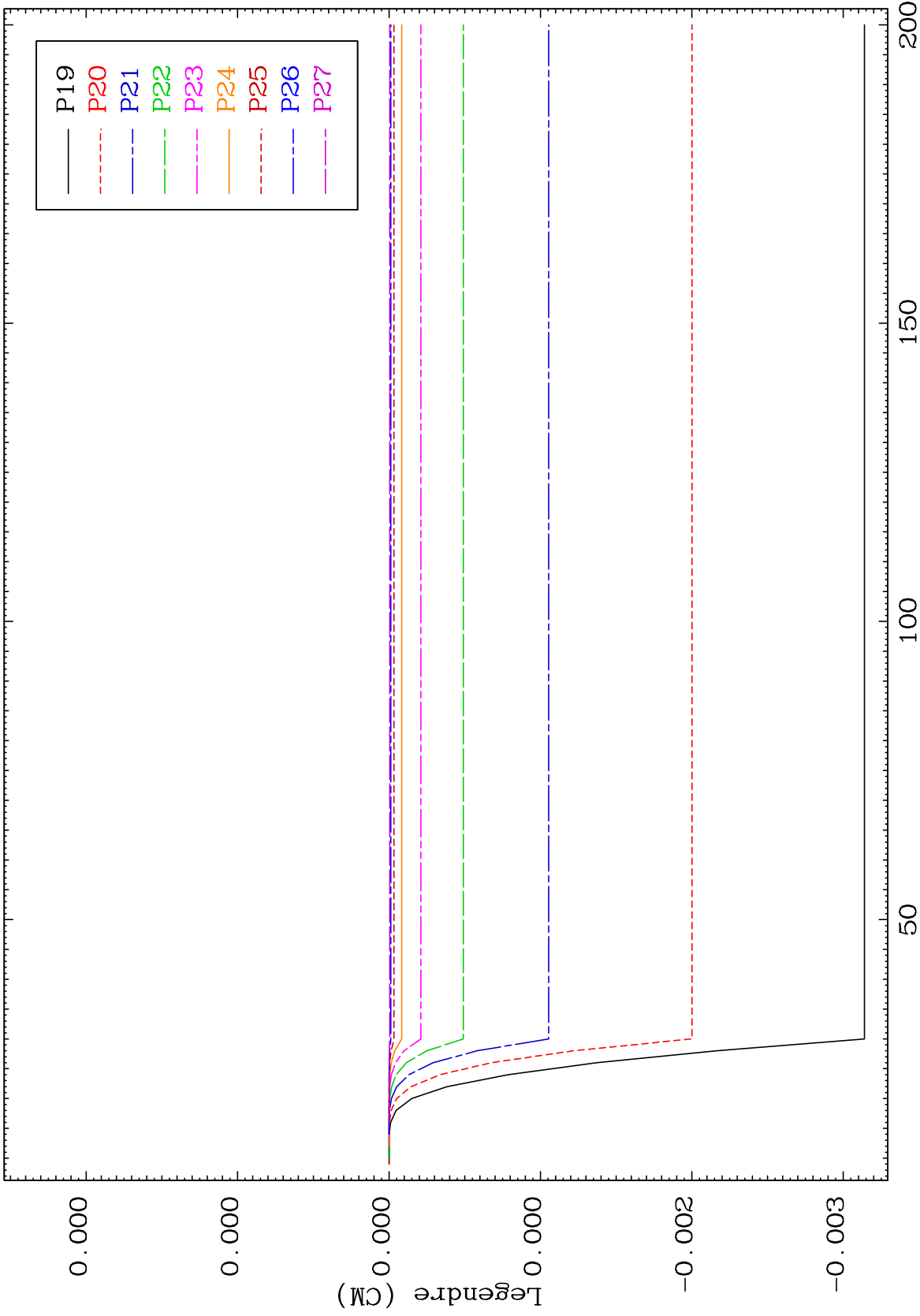
112

50-Sn-133

MAT 5088

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

50-Sn-133



113

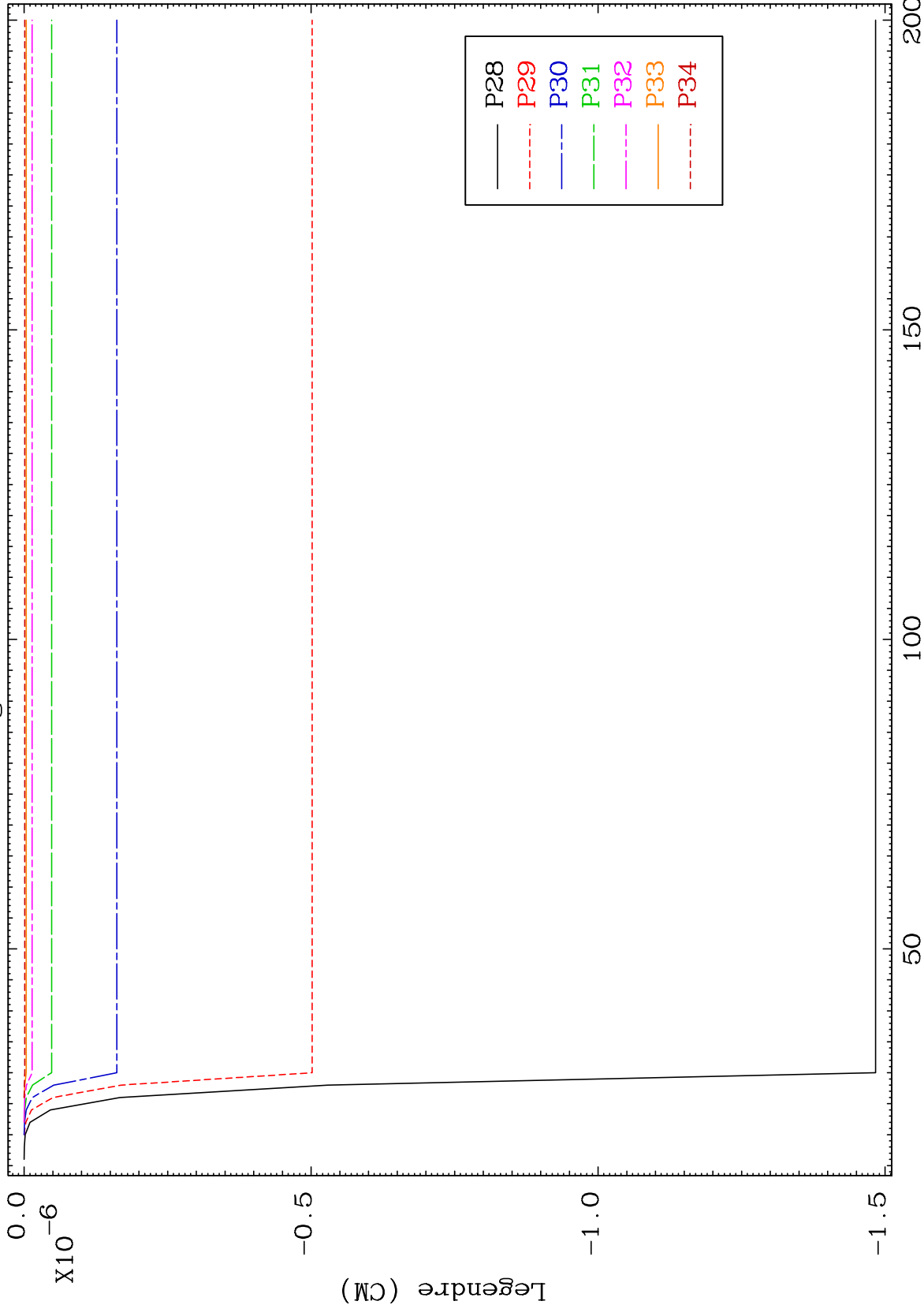
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133

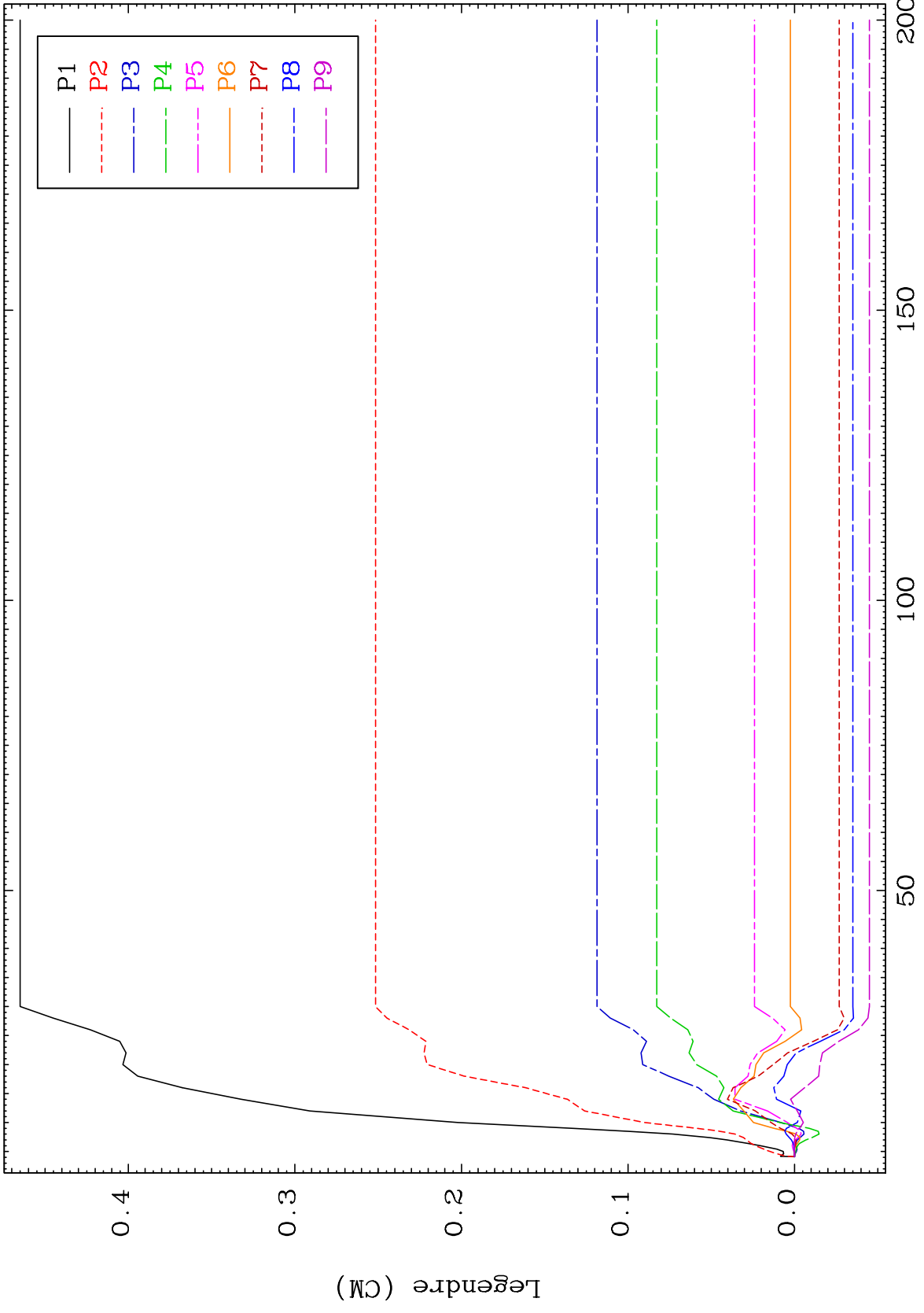


50-Sn-133

Incident Energy (MeV)

114

MAT 5088 MT= 76 (n,n') Level Legendre Coefficients 50-Sn-133

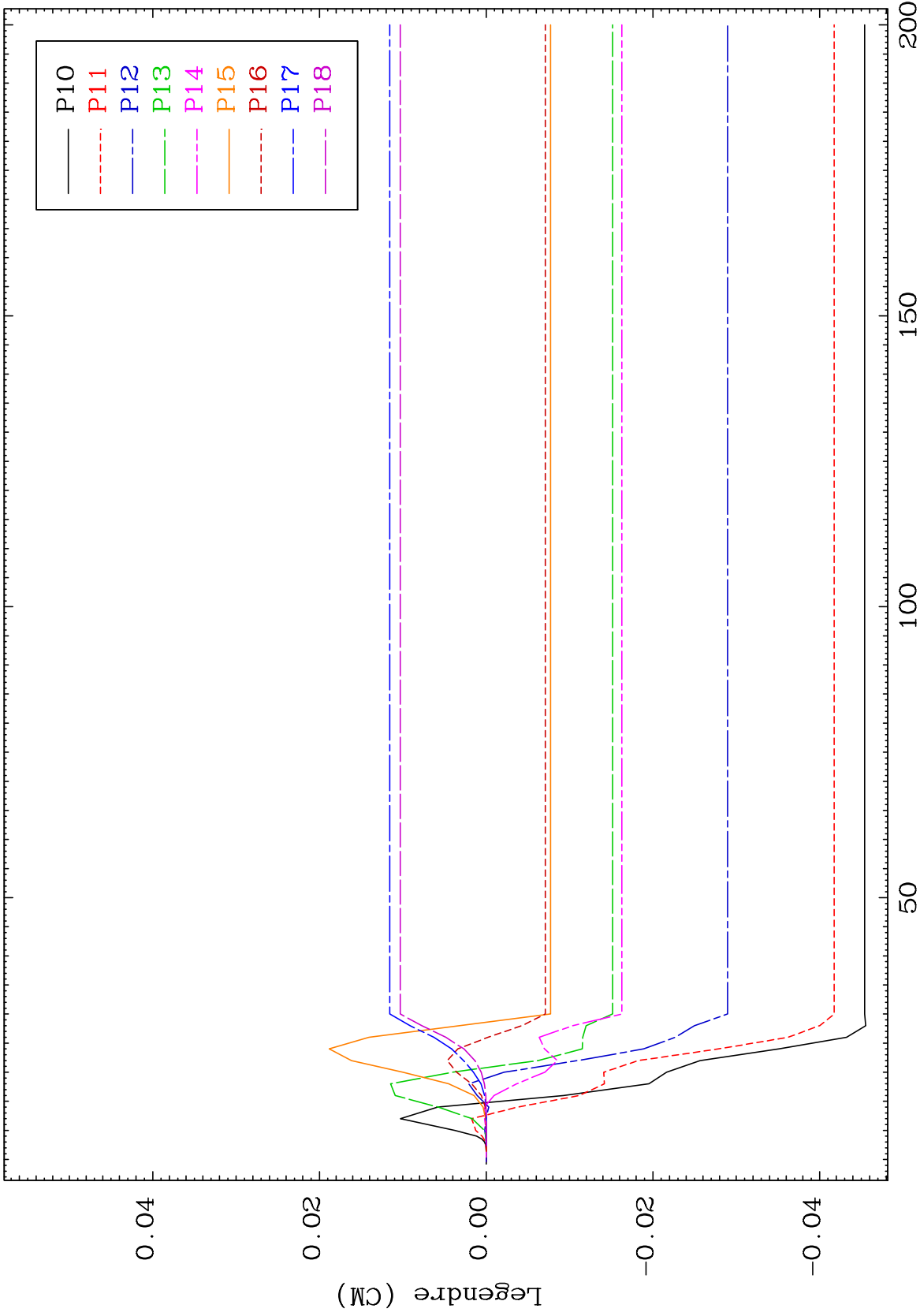


115 50-Sn-133

MAT 5088

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

50-Sn-133

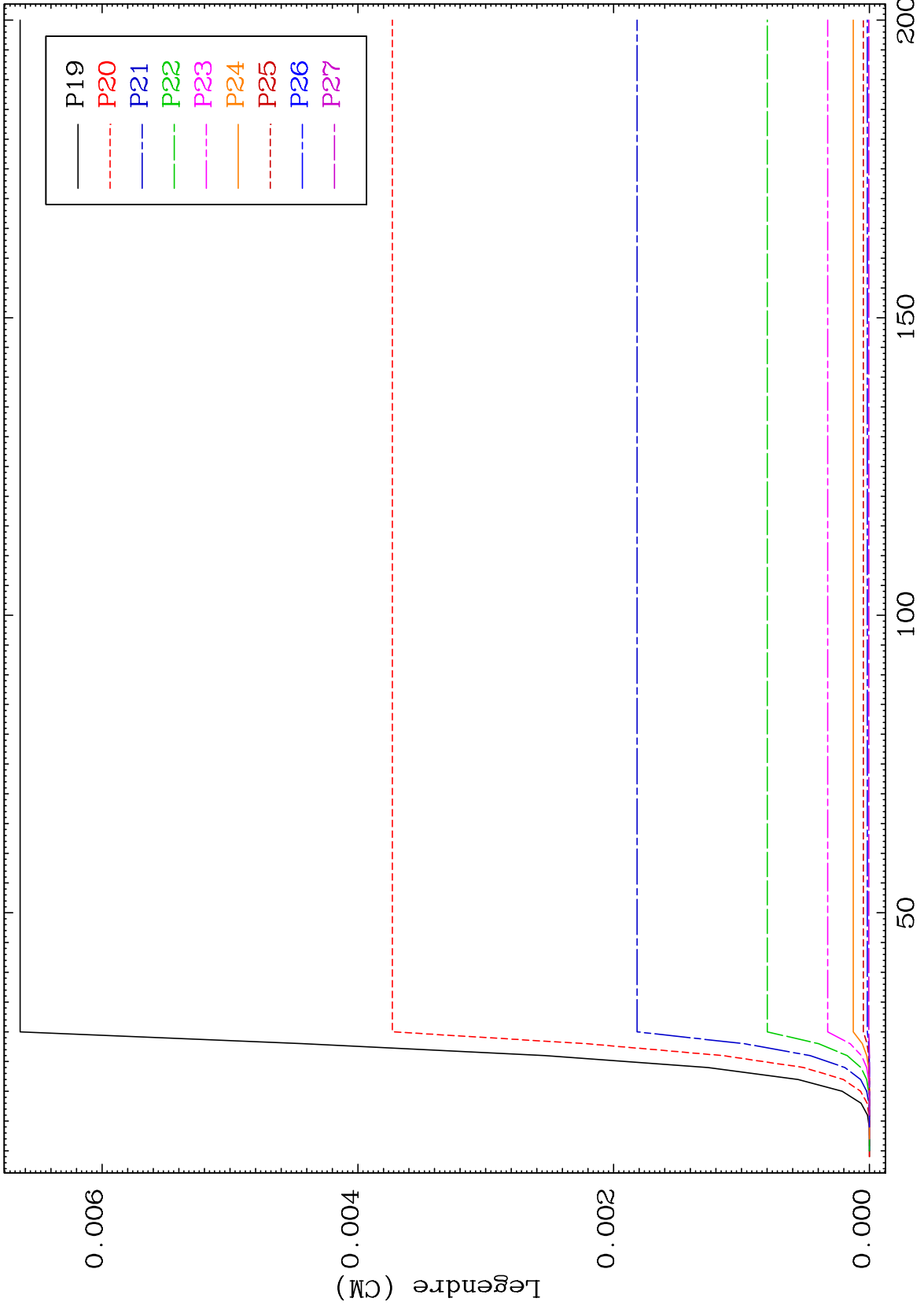


116

Incident Energy (MeV)

50-Sn-133

MAT 5088 MT= 76 (n,n') Level Legendre Coefficients 50-Sn-133

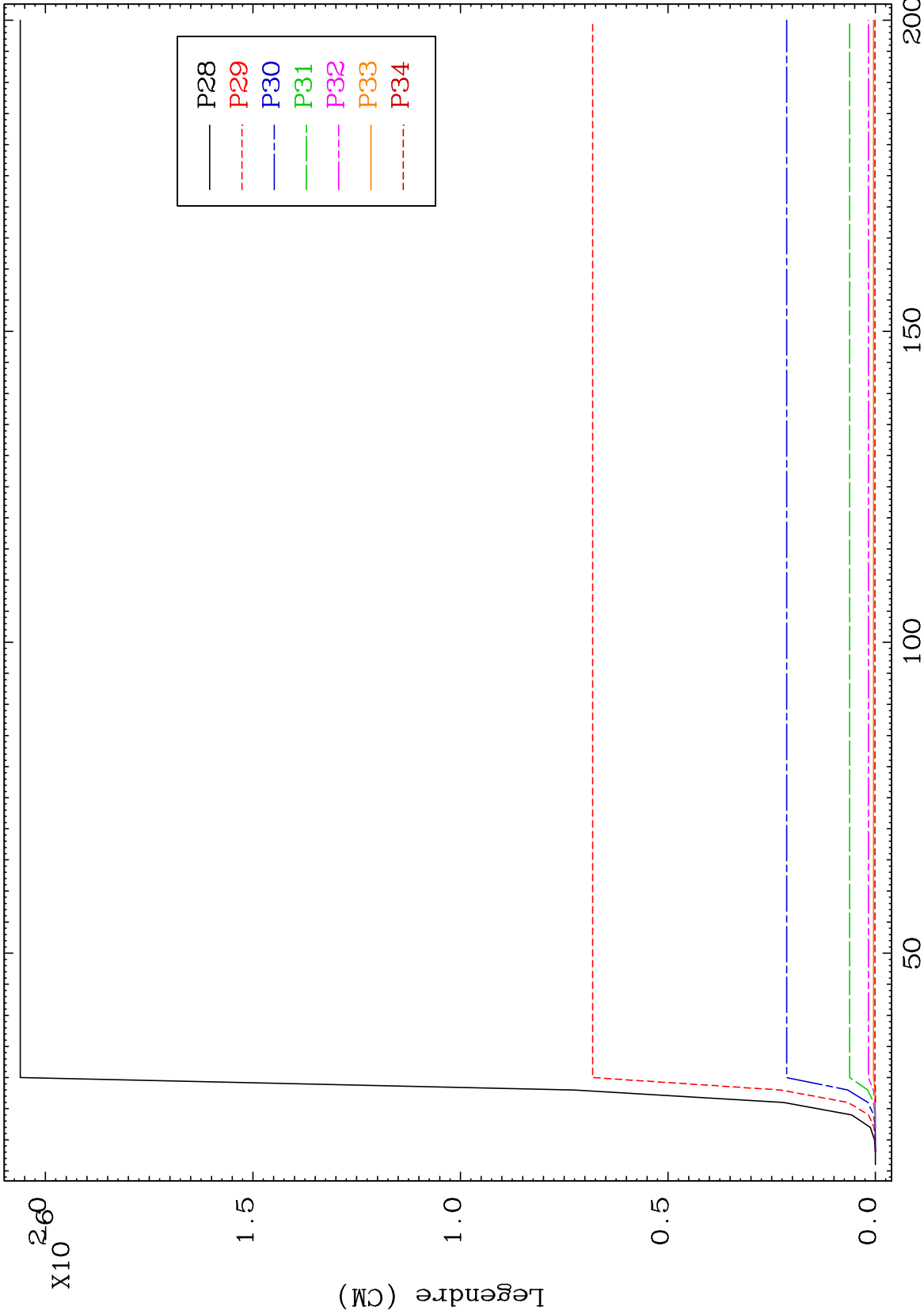


117 50-Sn-133

MAT 5088

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

50-Sn-133



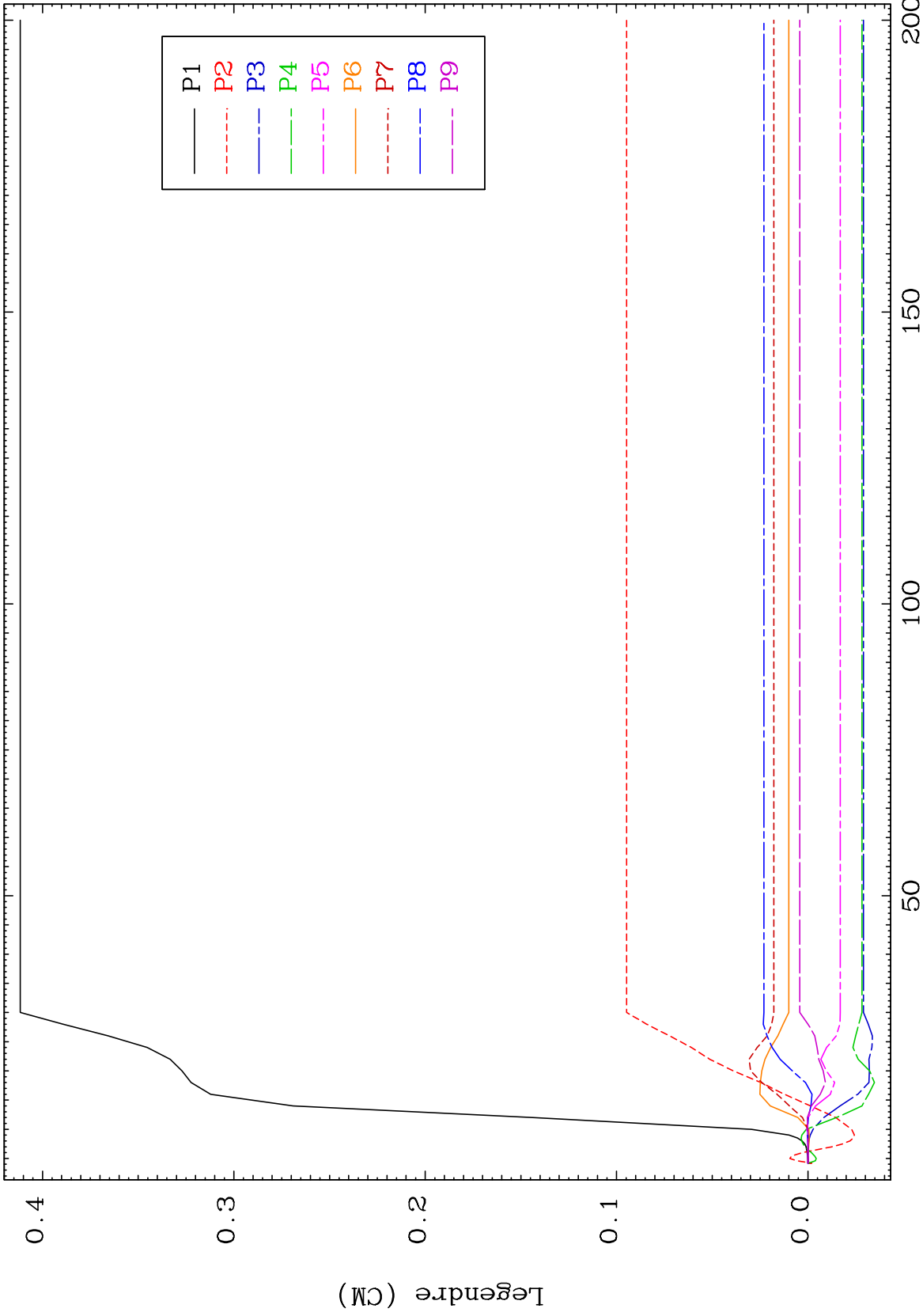
118

50-Sn-133

MAT 5088

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

50-Sn-133



119

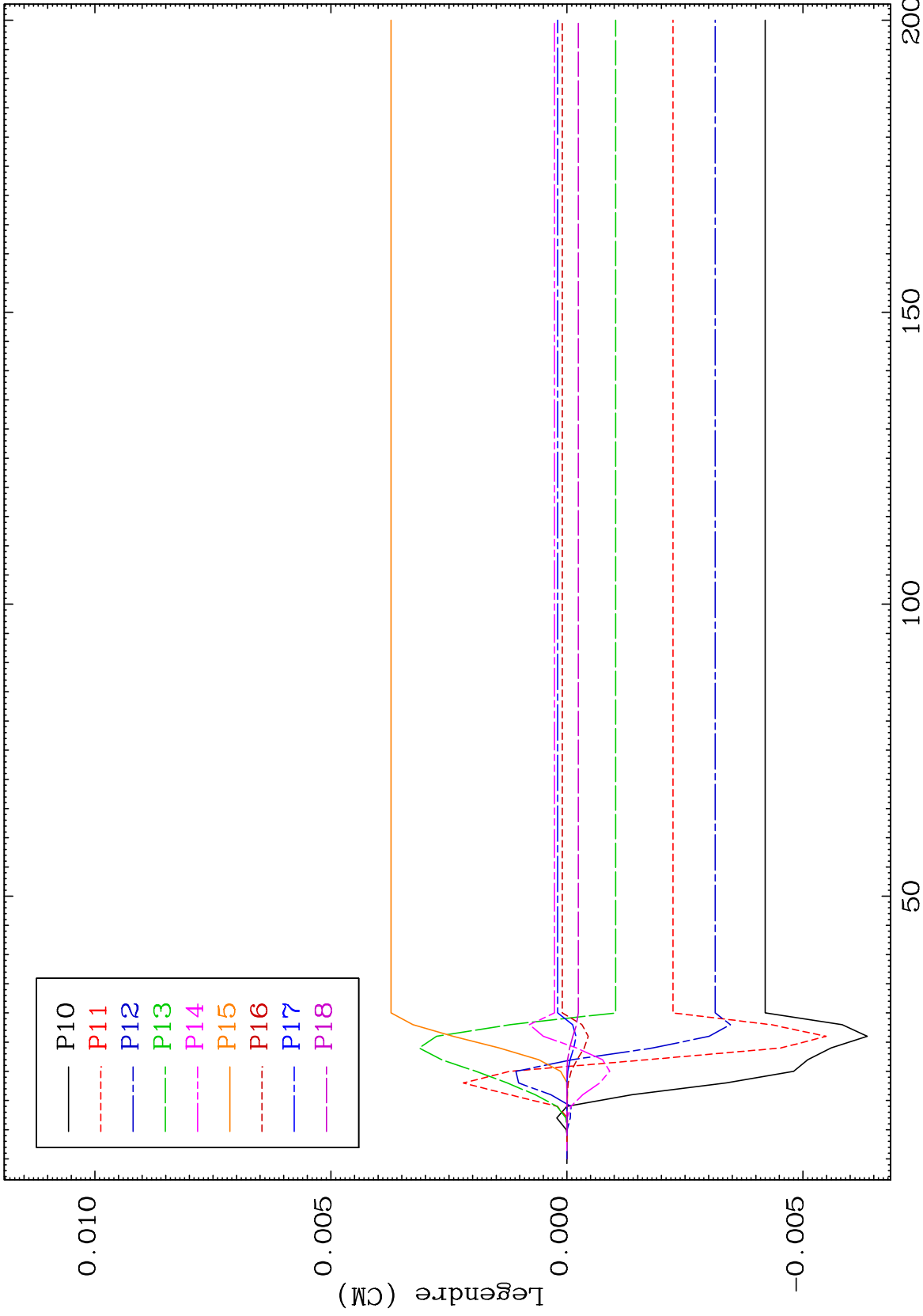
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



120

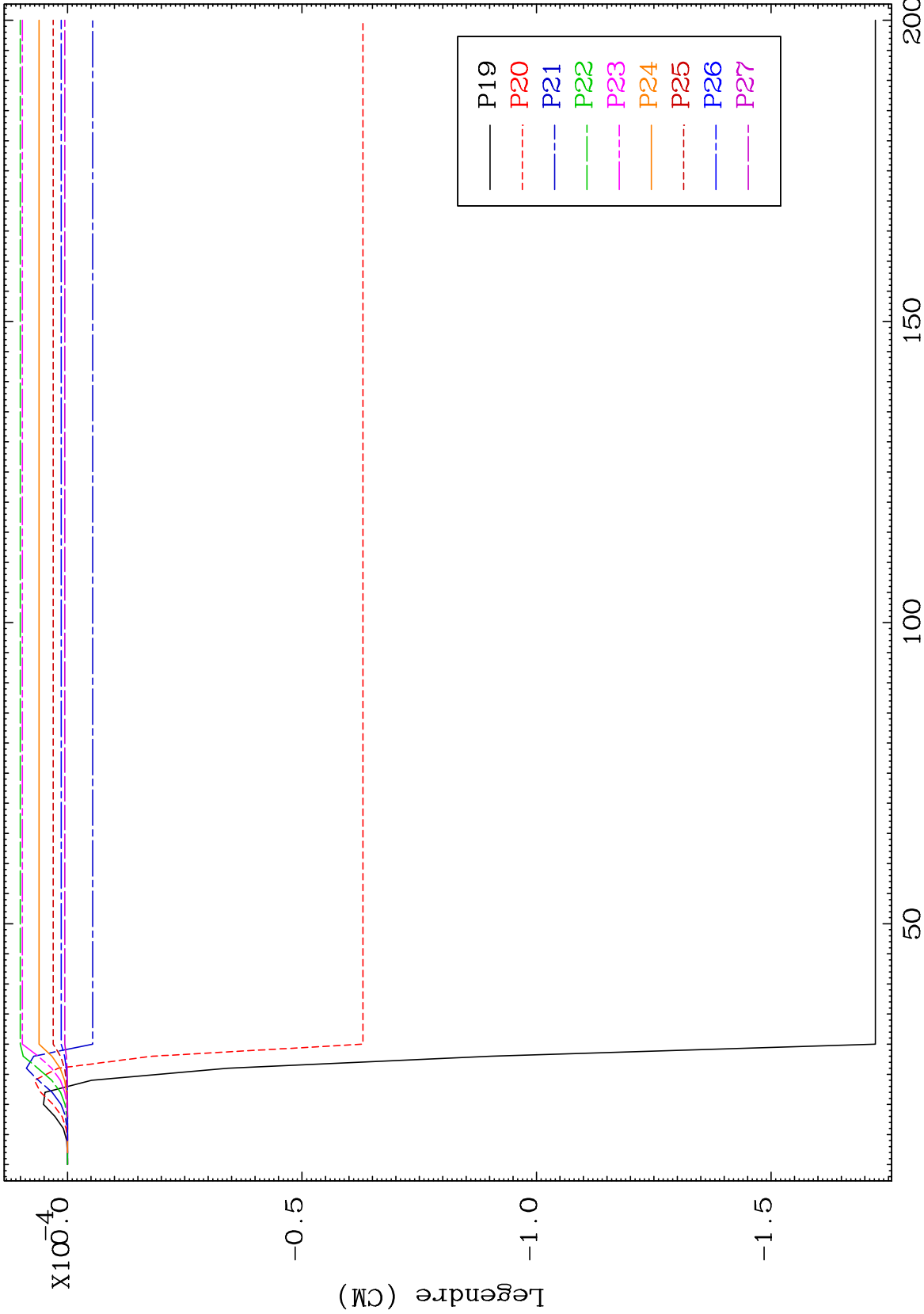
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133



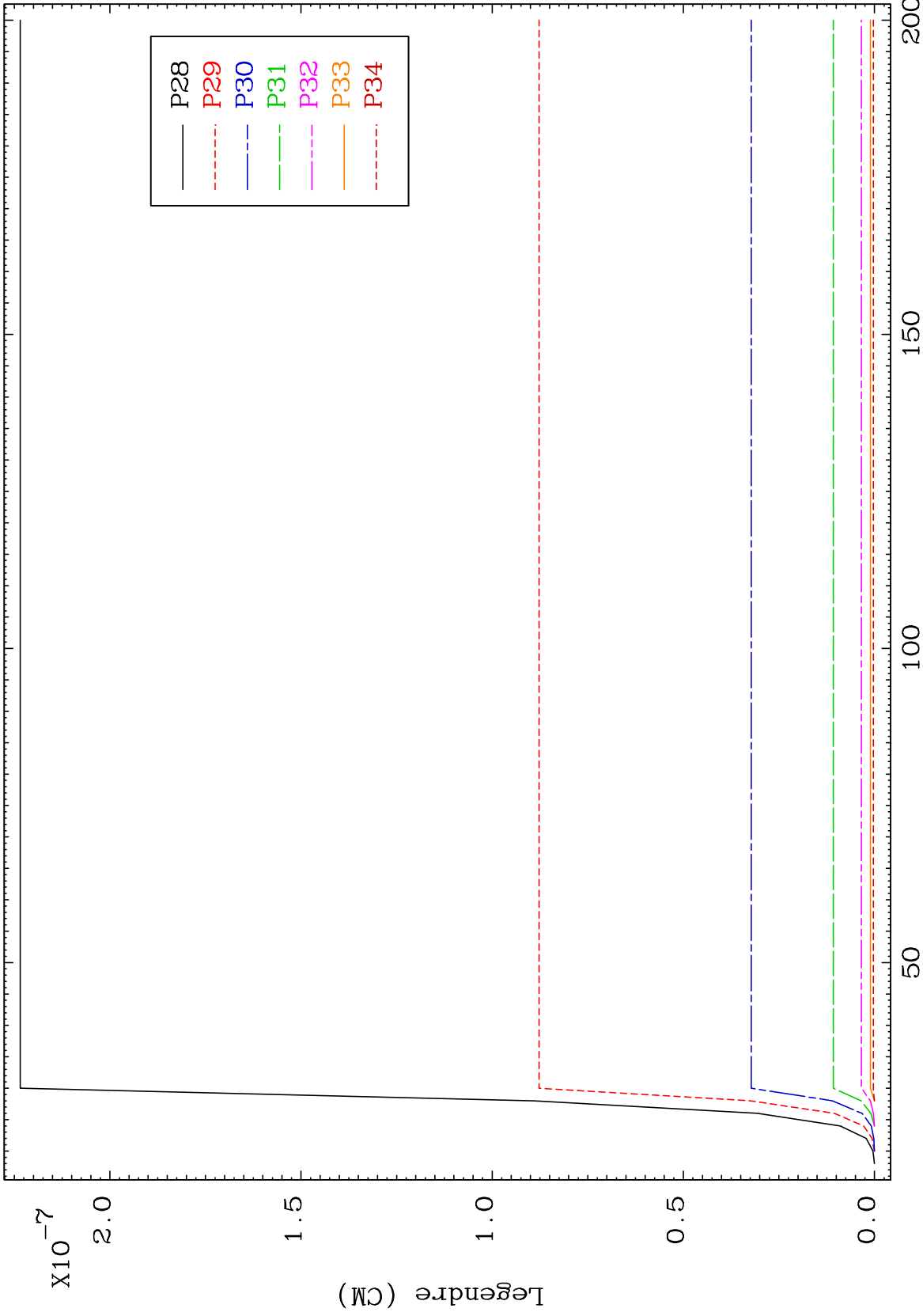
121

50-Sn-133

MAT 5088

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

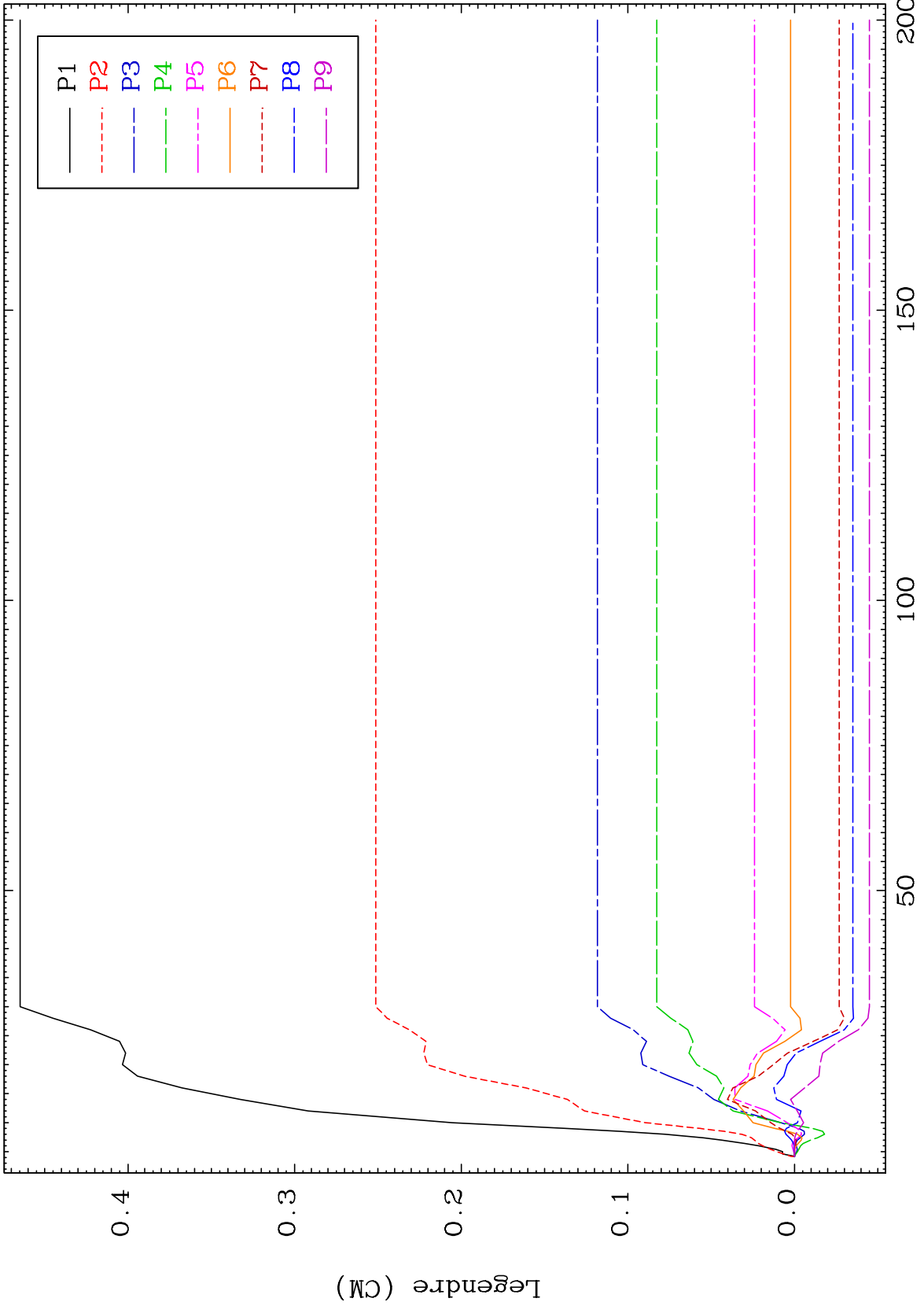
50-Sn-133



122

50-Sn-133

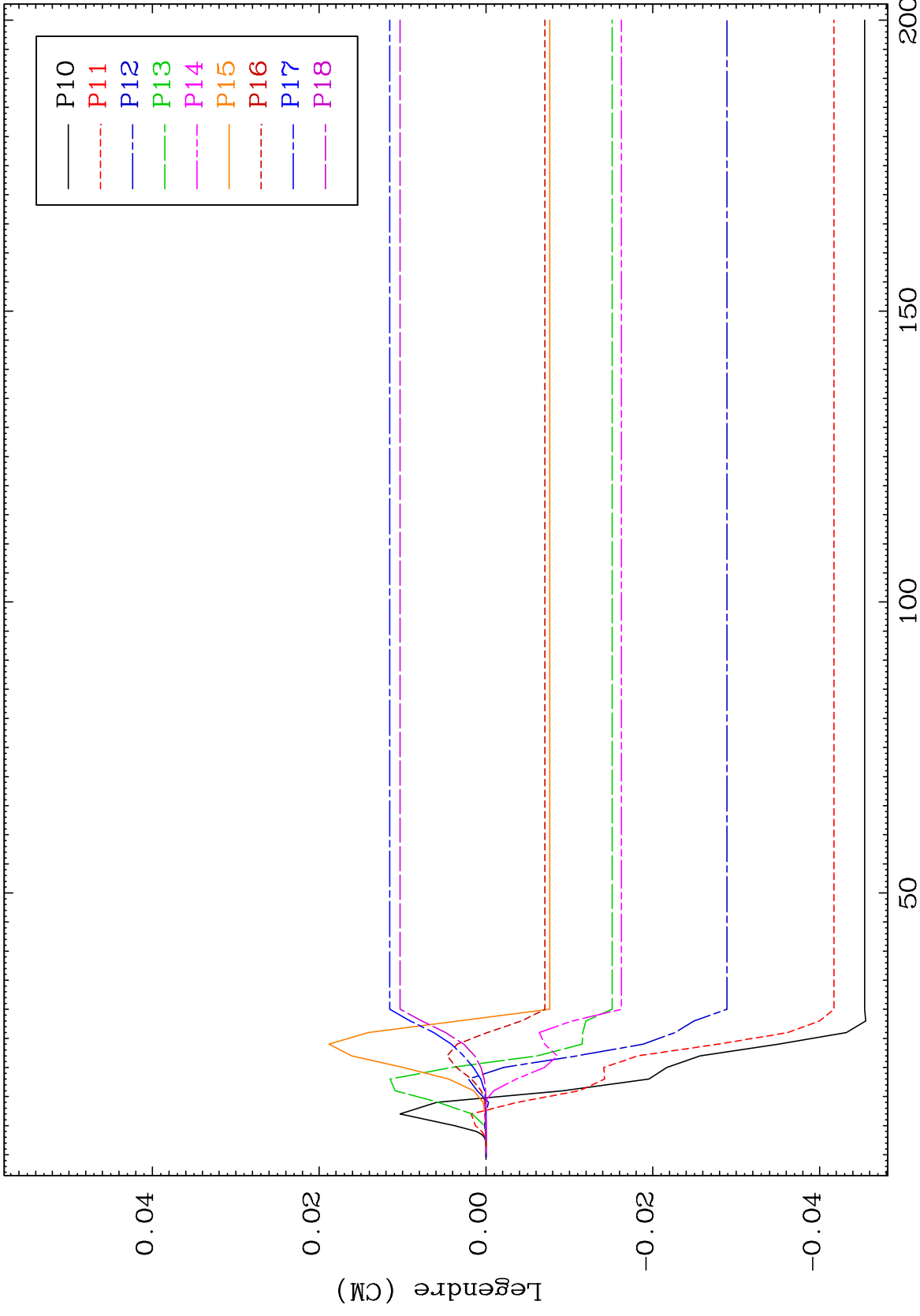
MAT 5088 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-133



MAT 5088

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

50-Sn-133

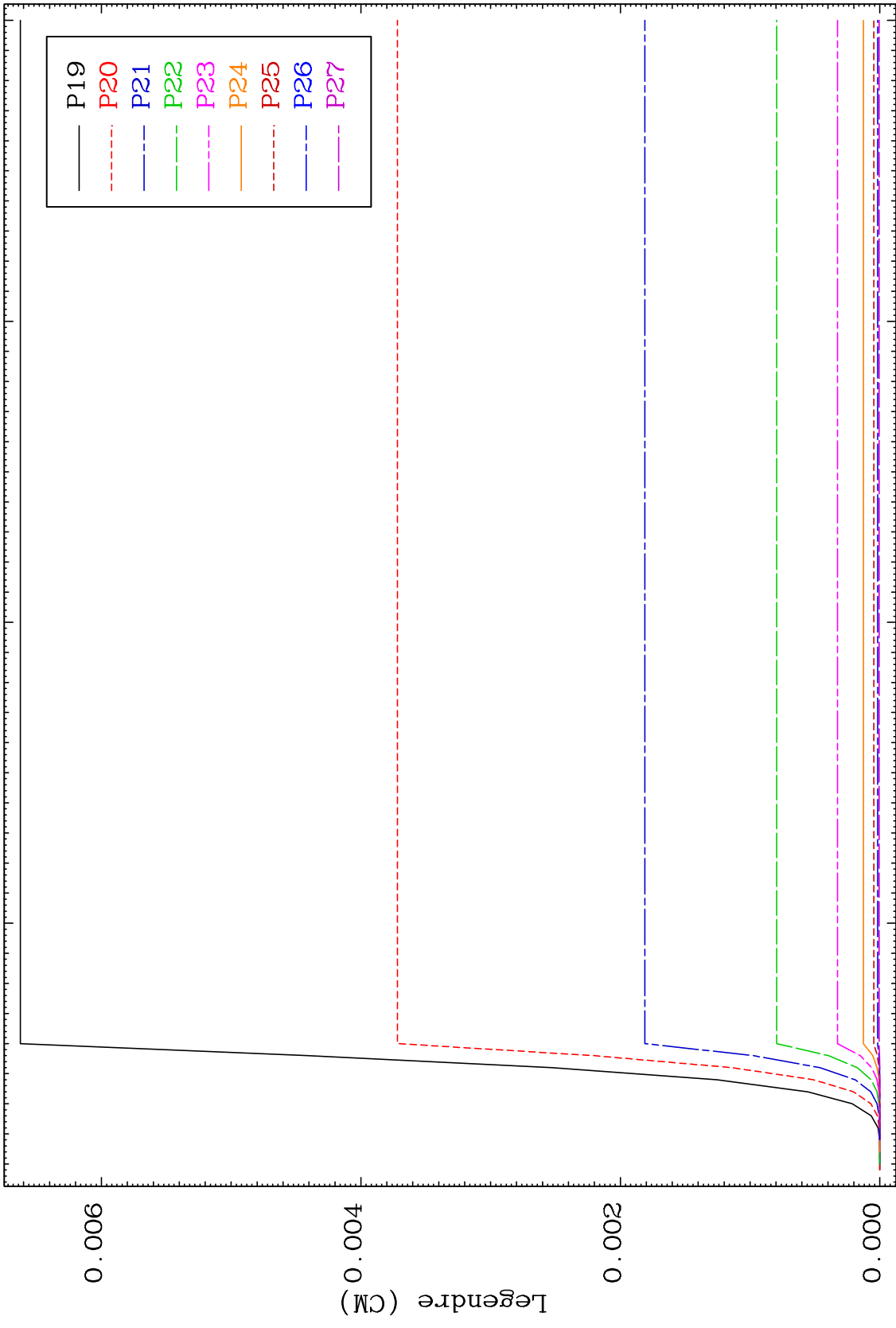


124

Incident Energy (MeV)

50-Sn-133

MAT 5088 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-133

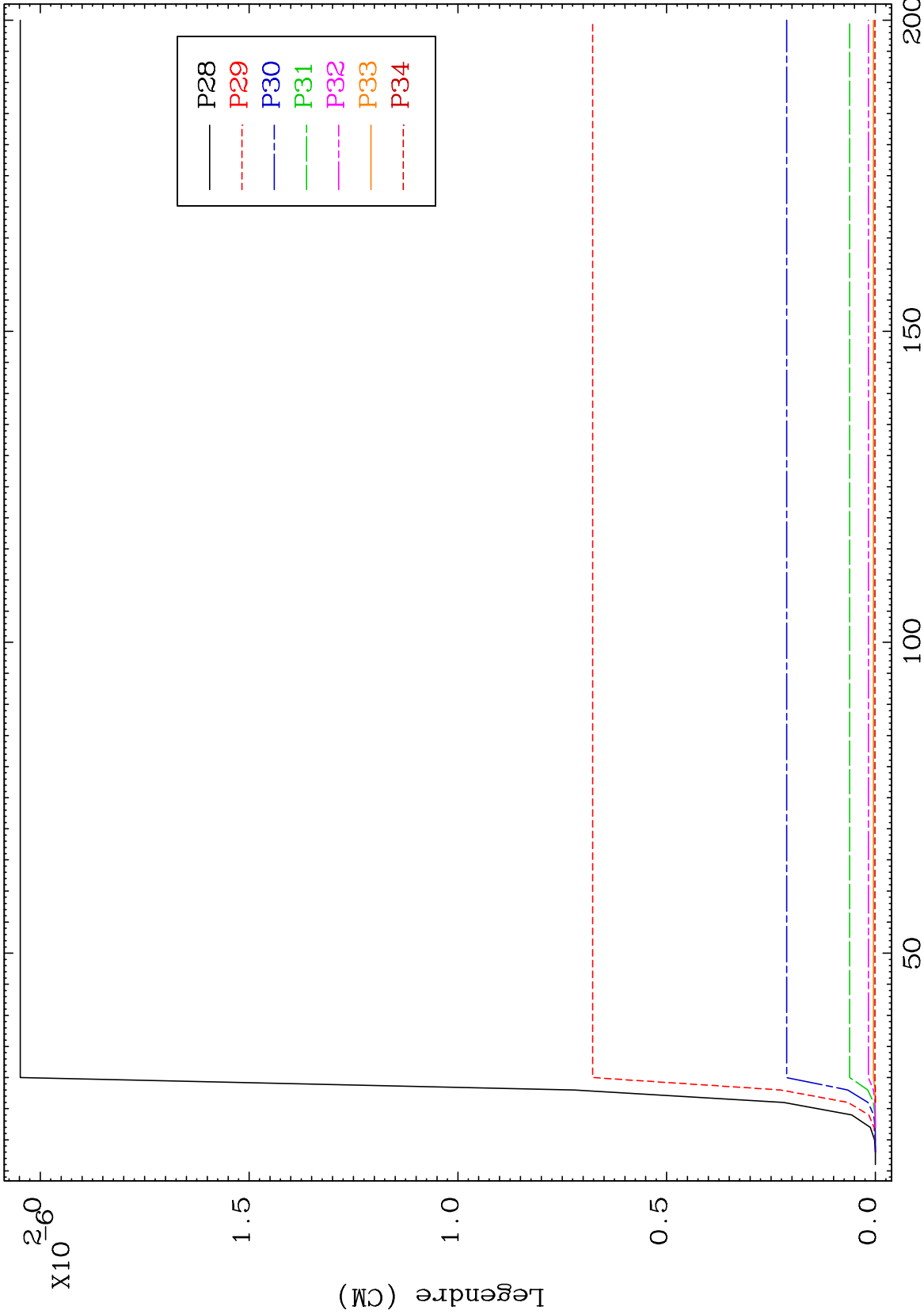


Legendre (CM) Incident Energy (MeV) 50-Sn-133

MAT 5088

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

50-Sn-133

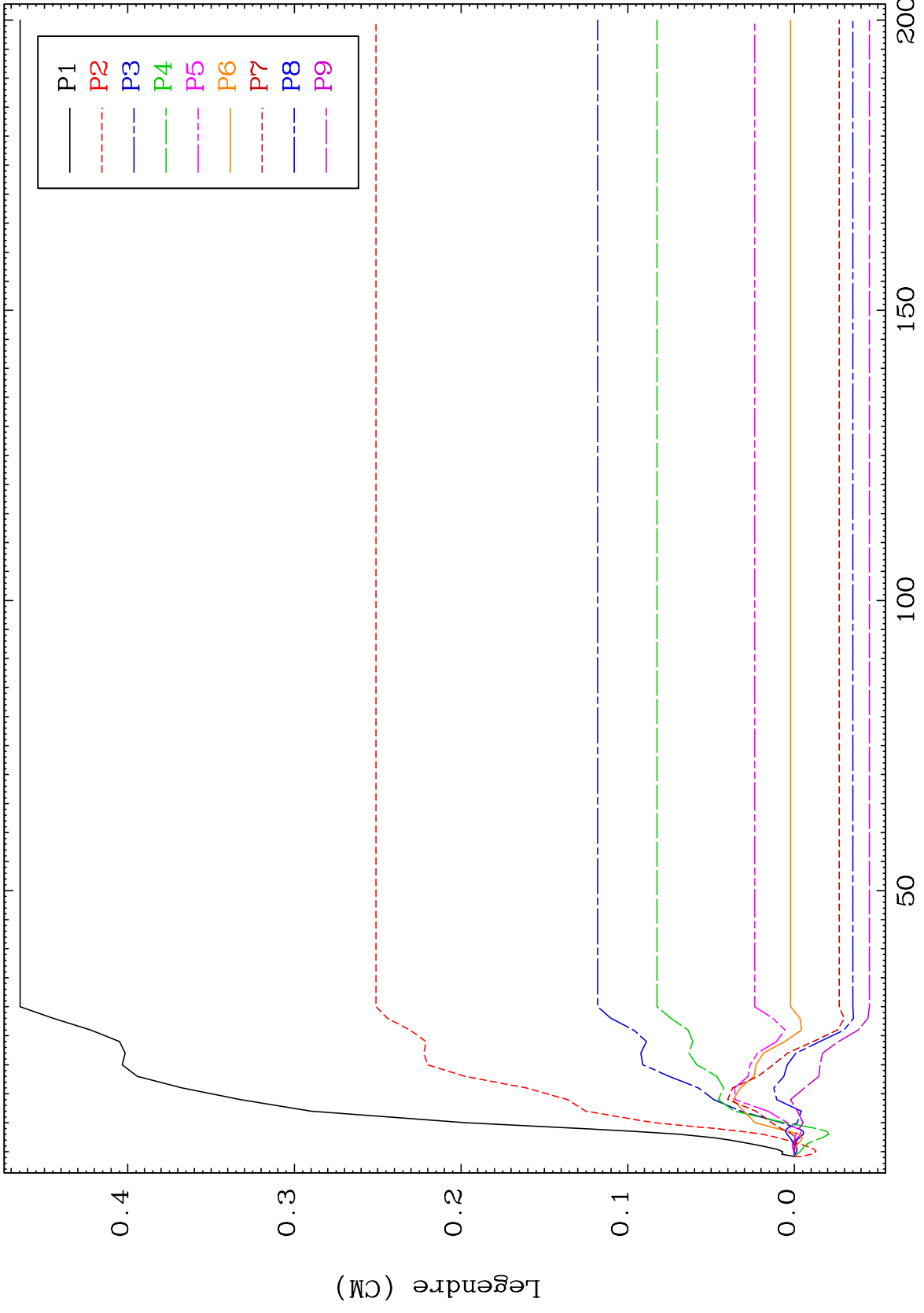


126

Incident Energy (MeV)

50-Sn-133

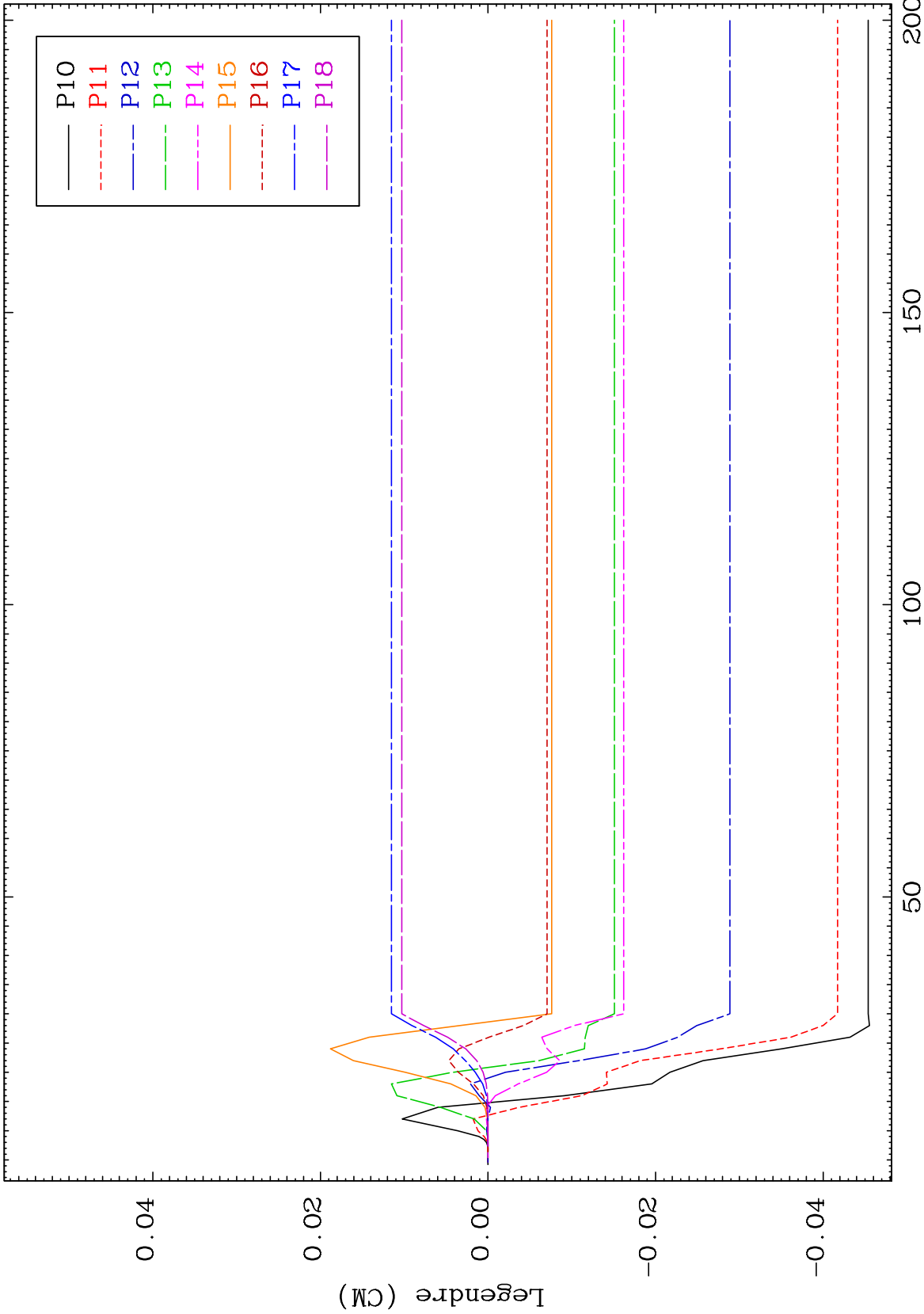
MAT 5088 MT= 79 (n,n') Level Legendre Coefficients 50-Sn-133



MAT 5088

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

50-Sn-133



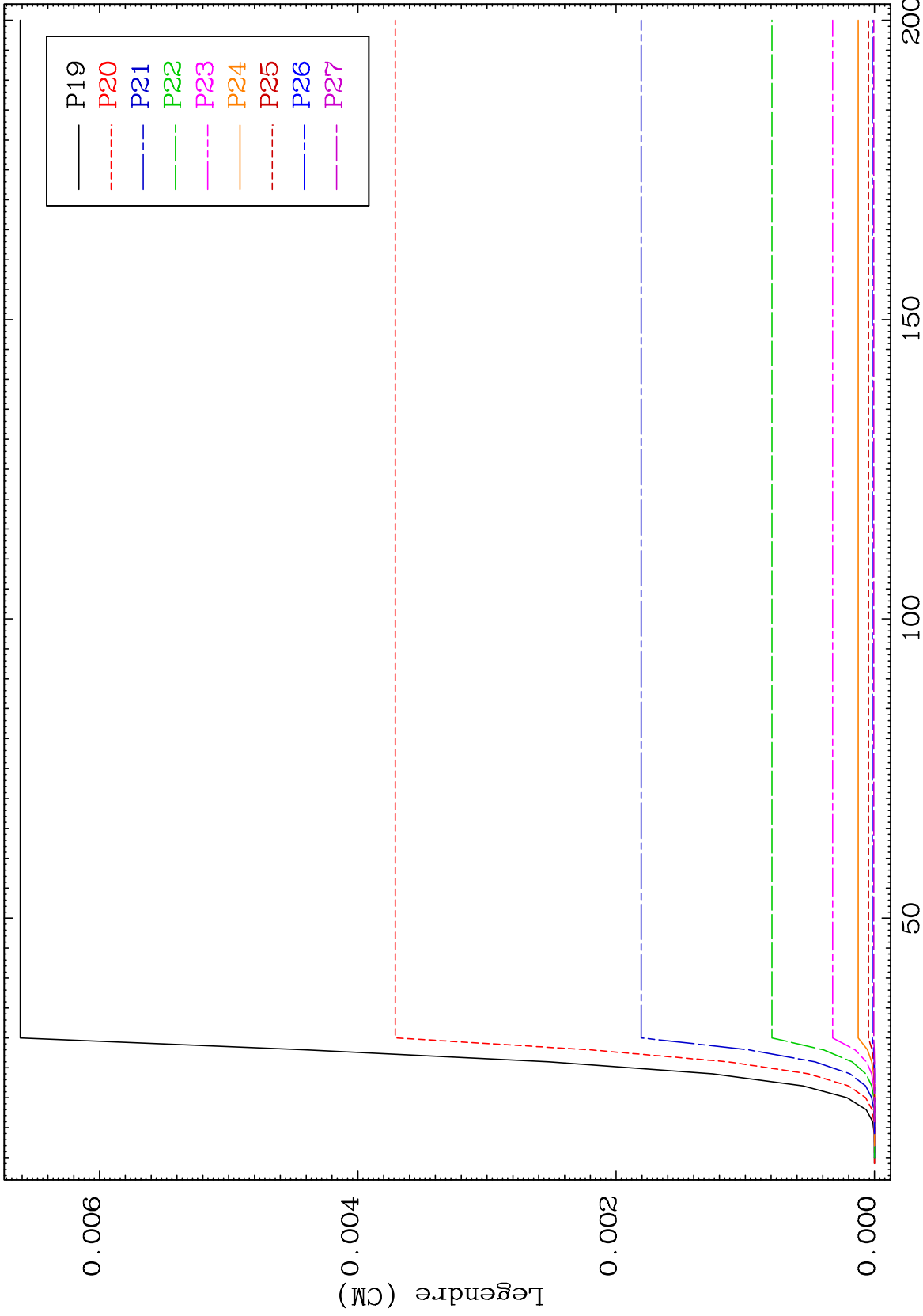
128

50-Sn-133

MAT 5088

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

50-Sn-133



129

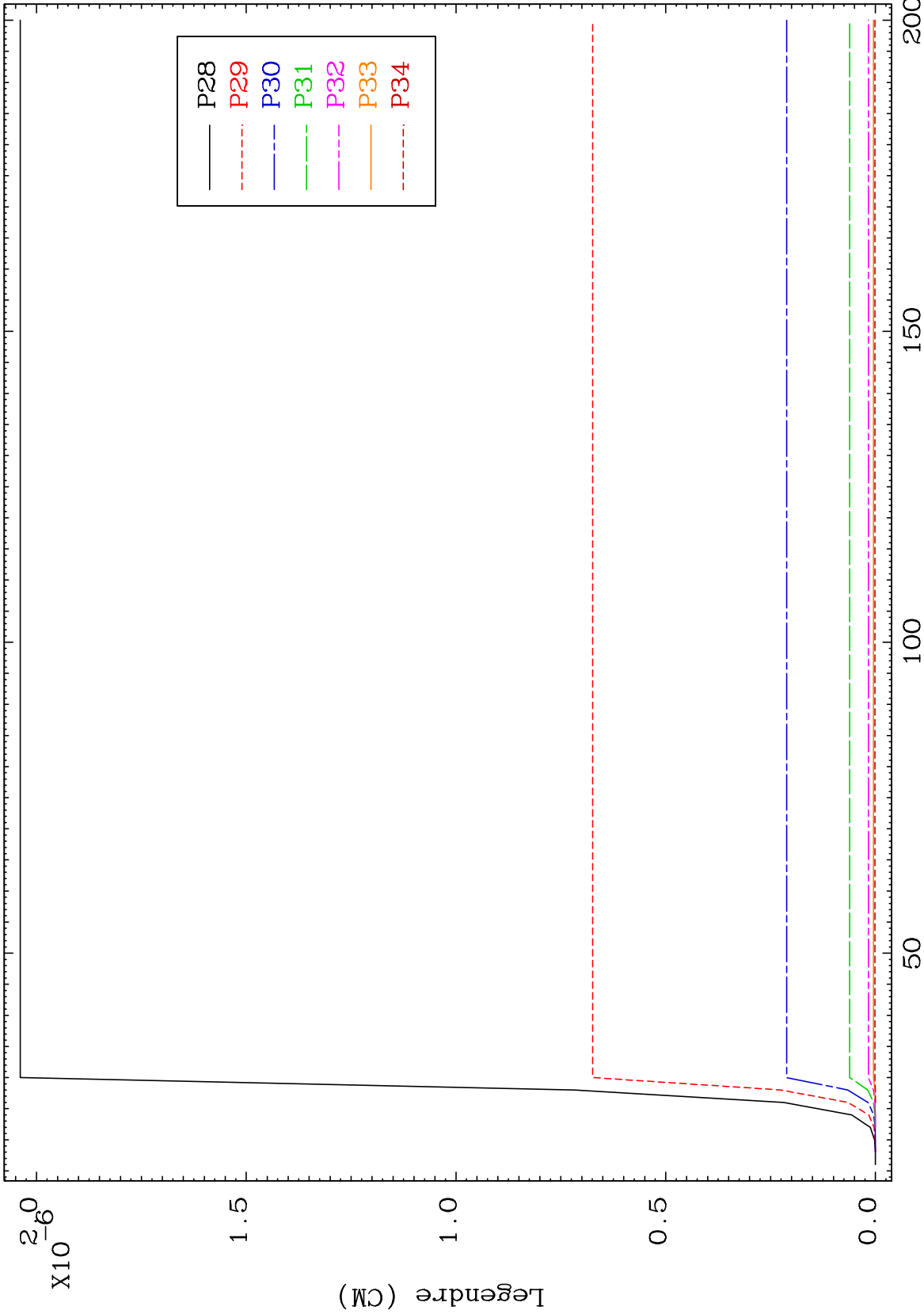
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

50-Sn-133

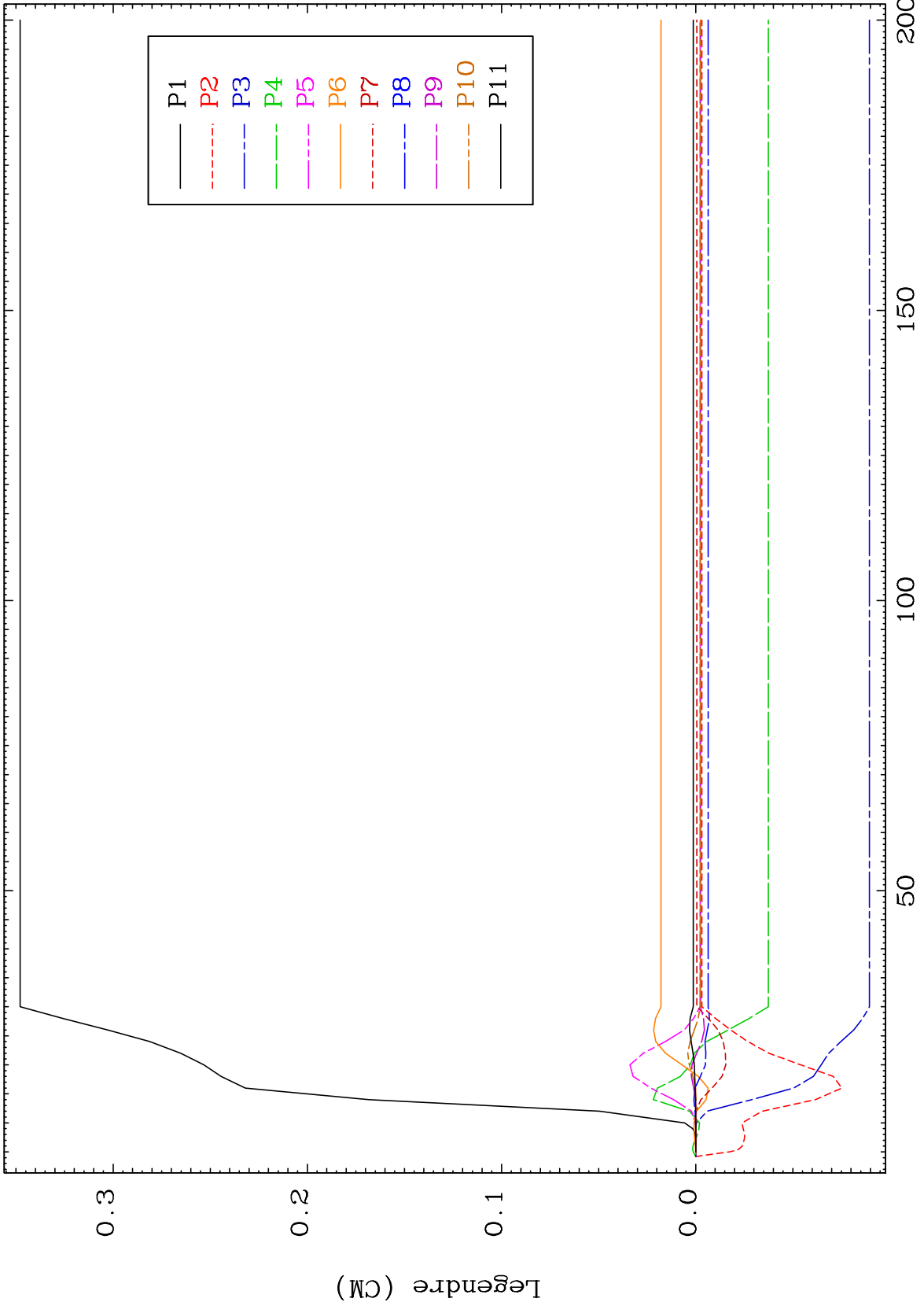


130

Incident Energy (MeV)

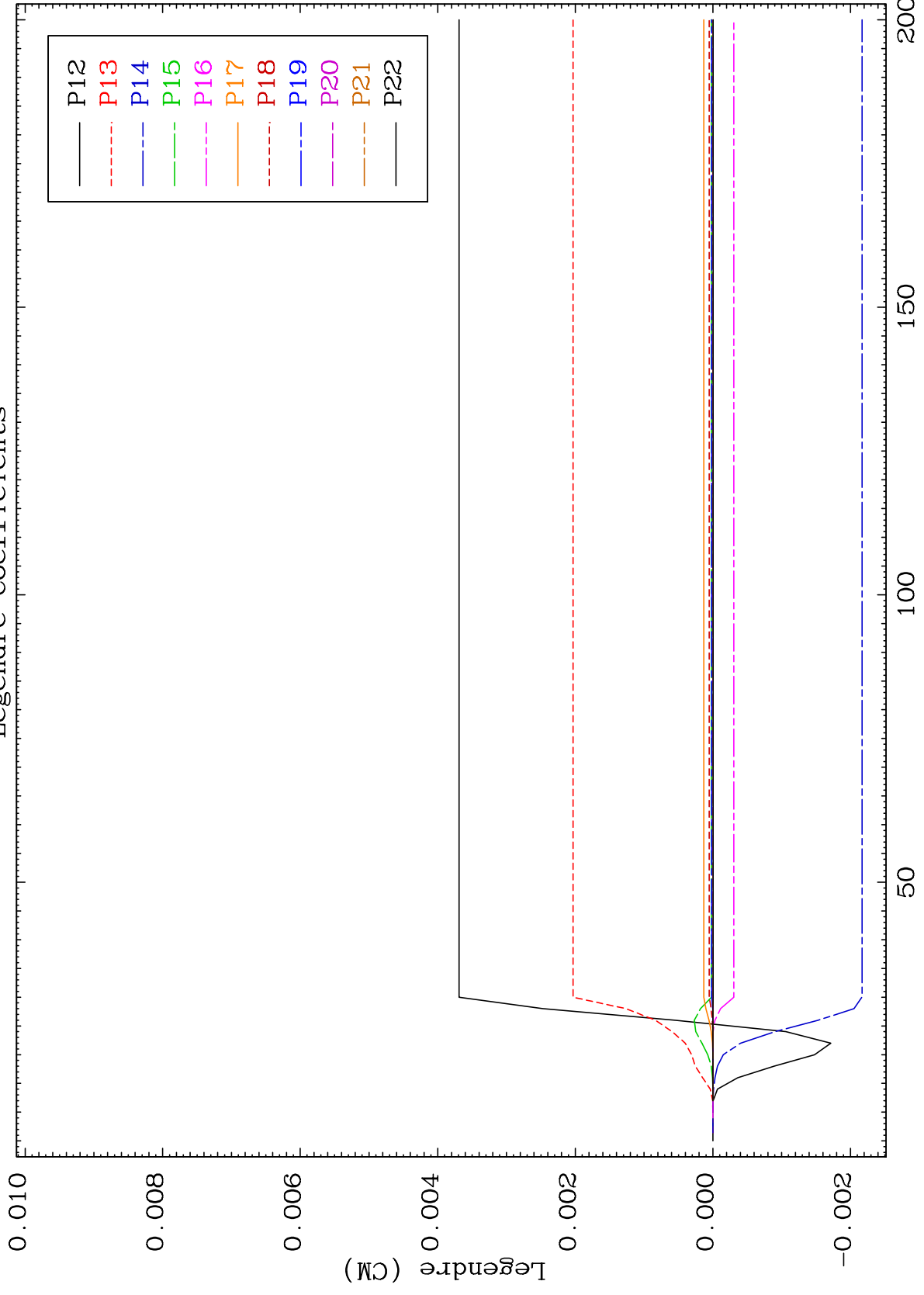
50-Sn-133

MAT 5088 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-133



131 Incident Energy (MeV) 50-Sn-133

MAT 5088 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-133

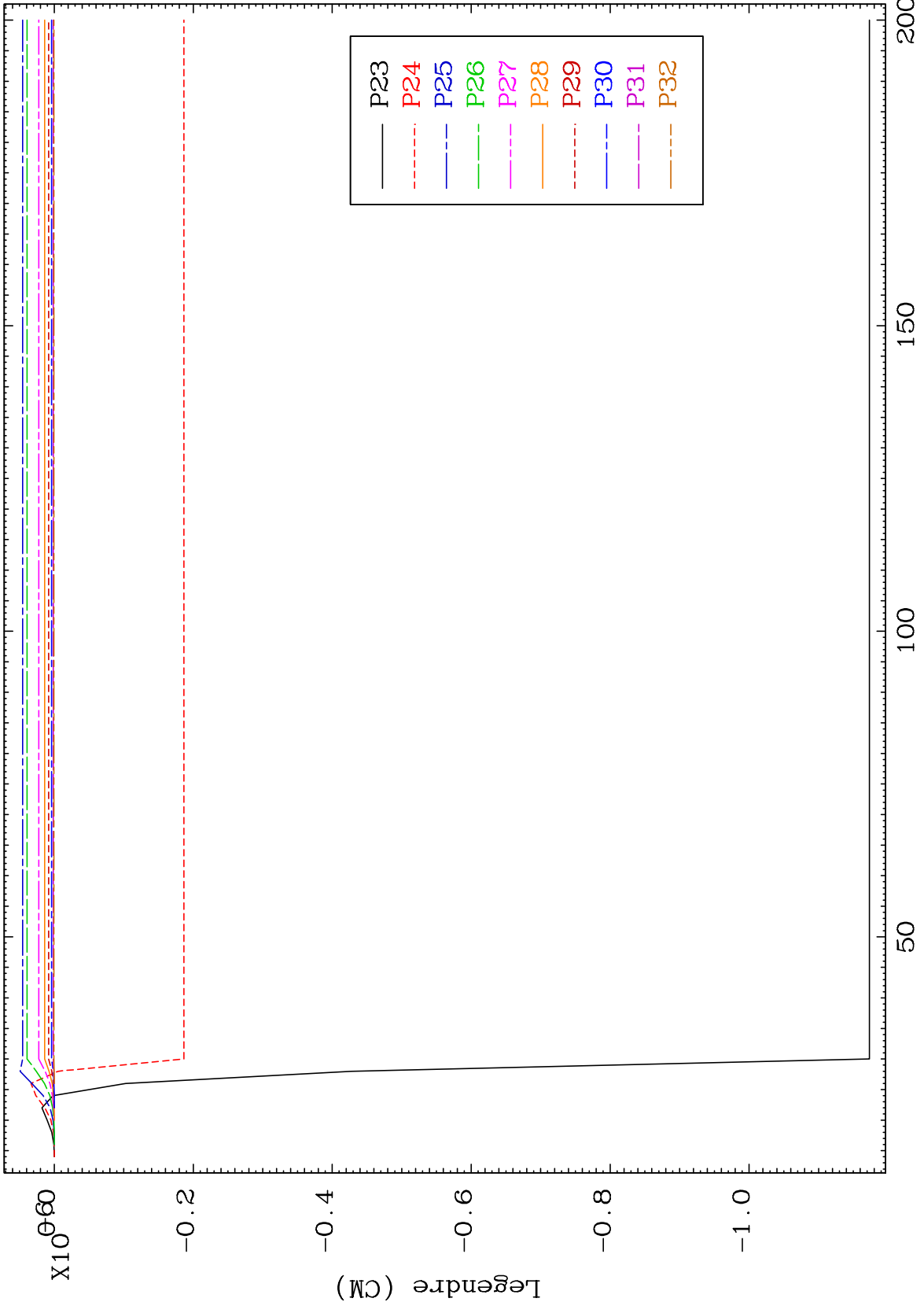


50-Sn-133

Incident Energy (MeV)

132

MAT 5088 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-133

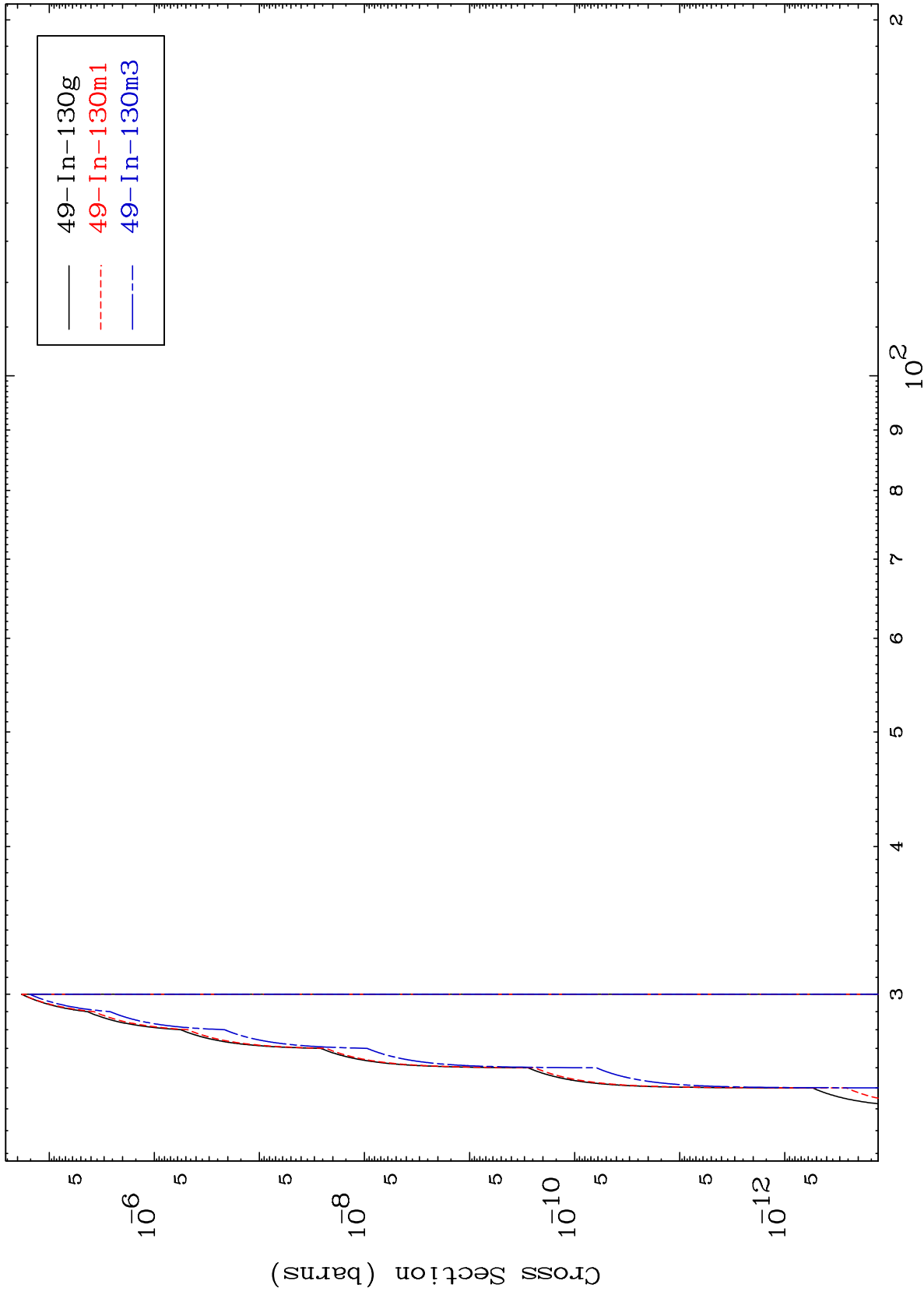


MAT 5088

(n,2n) d

50-Sn-133

Radionuclide Production Cross Section



134

Incident Energy (MeV)

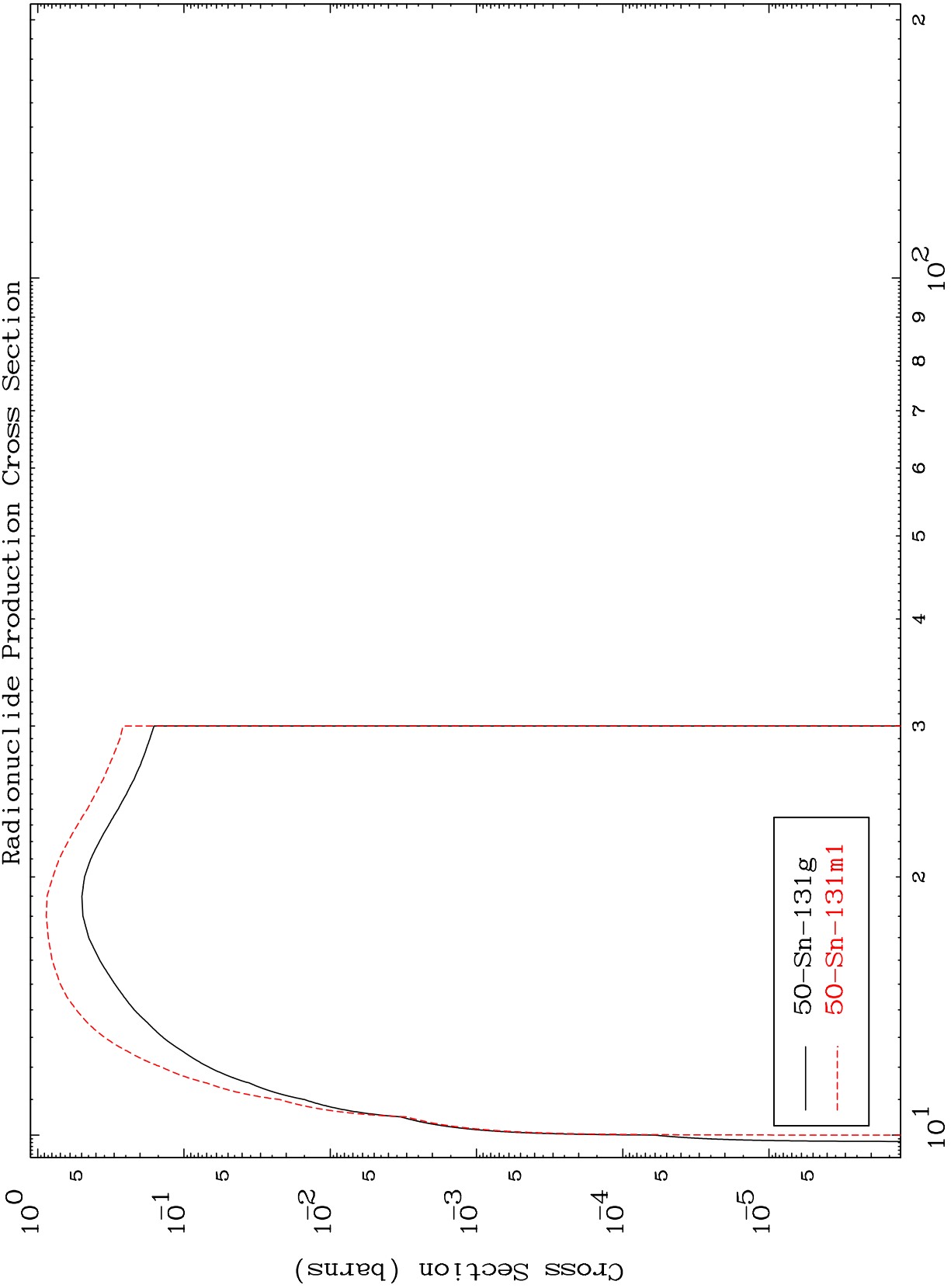
50-Sn-133

MAT 5088

(n,3n)

50-Sn-133

Radionuclide Production Cross Section



50-Sn-131g
50-Sn-131m1

135

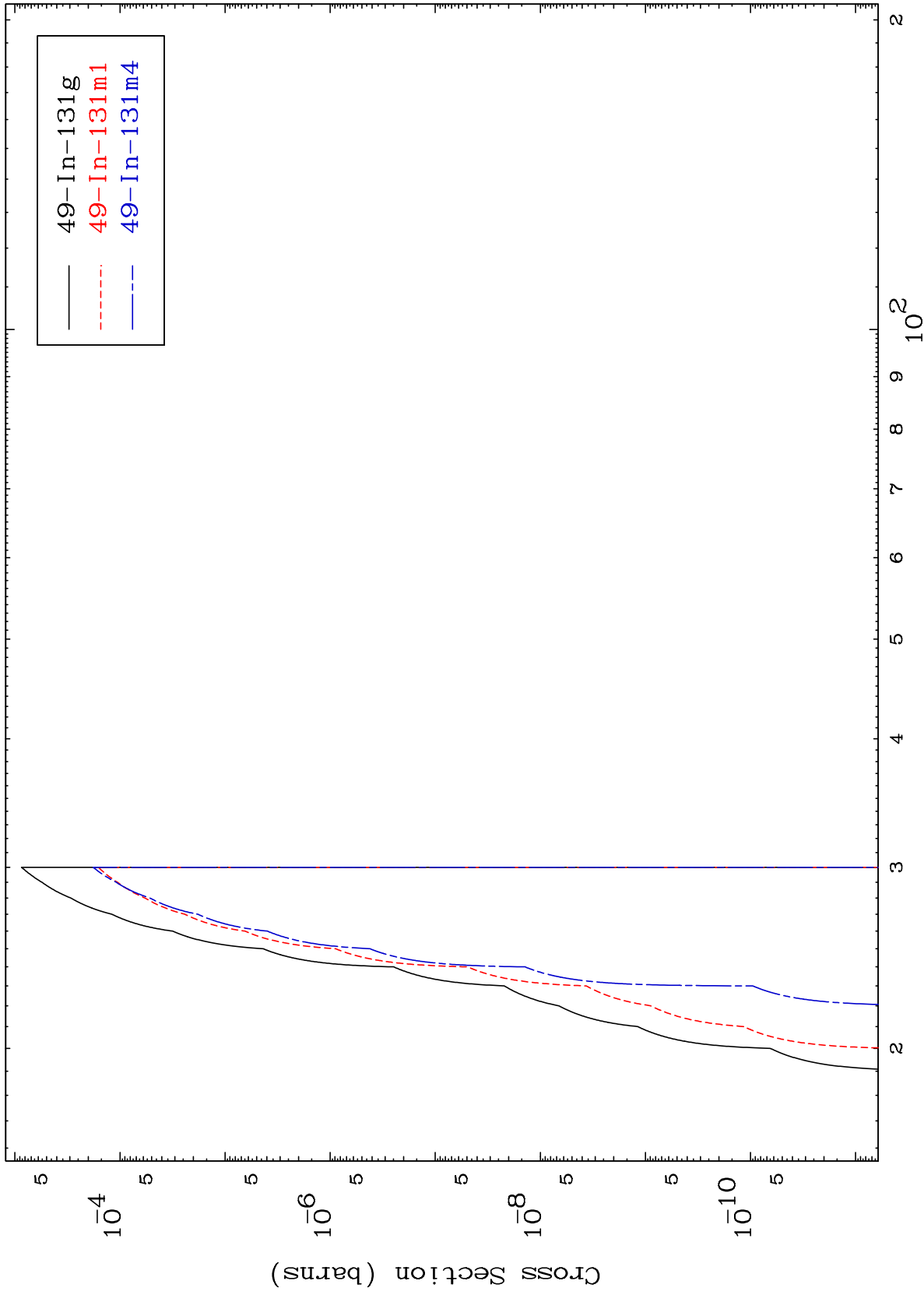
50-Sn-133

MAT 5088

(n,n') d

50-Sn-133

Radionuclide Production Cross Section



136

Incident Energy (MeV)

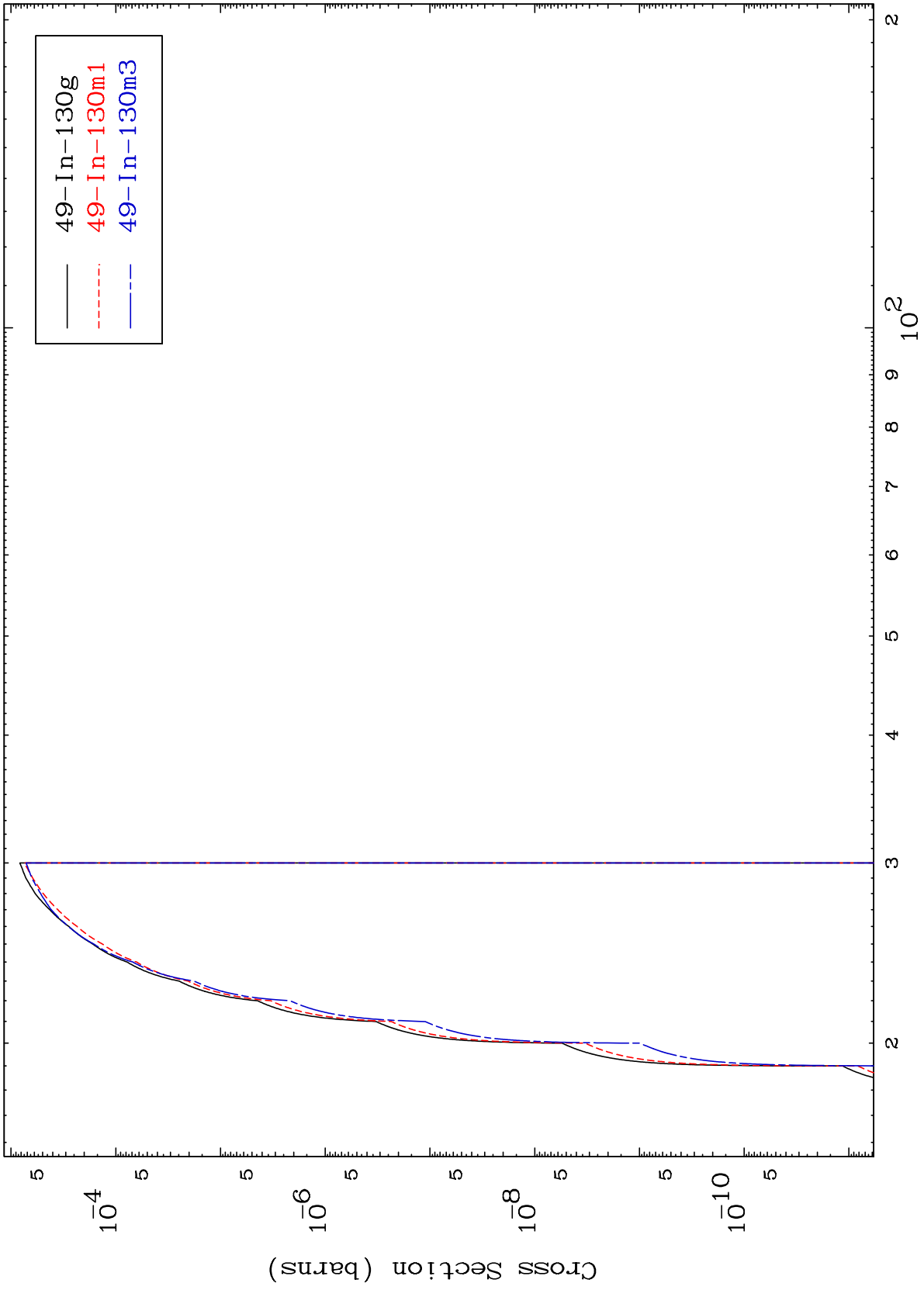
50-Sn-133

MAT 5088

(n,n') t

50-Sn-133

Radionuclide Production Cross Section



137

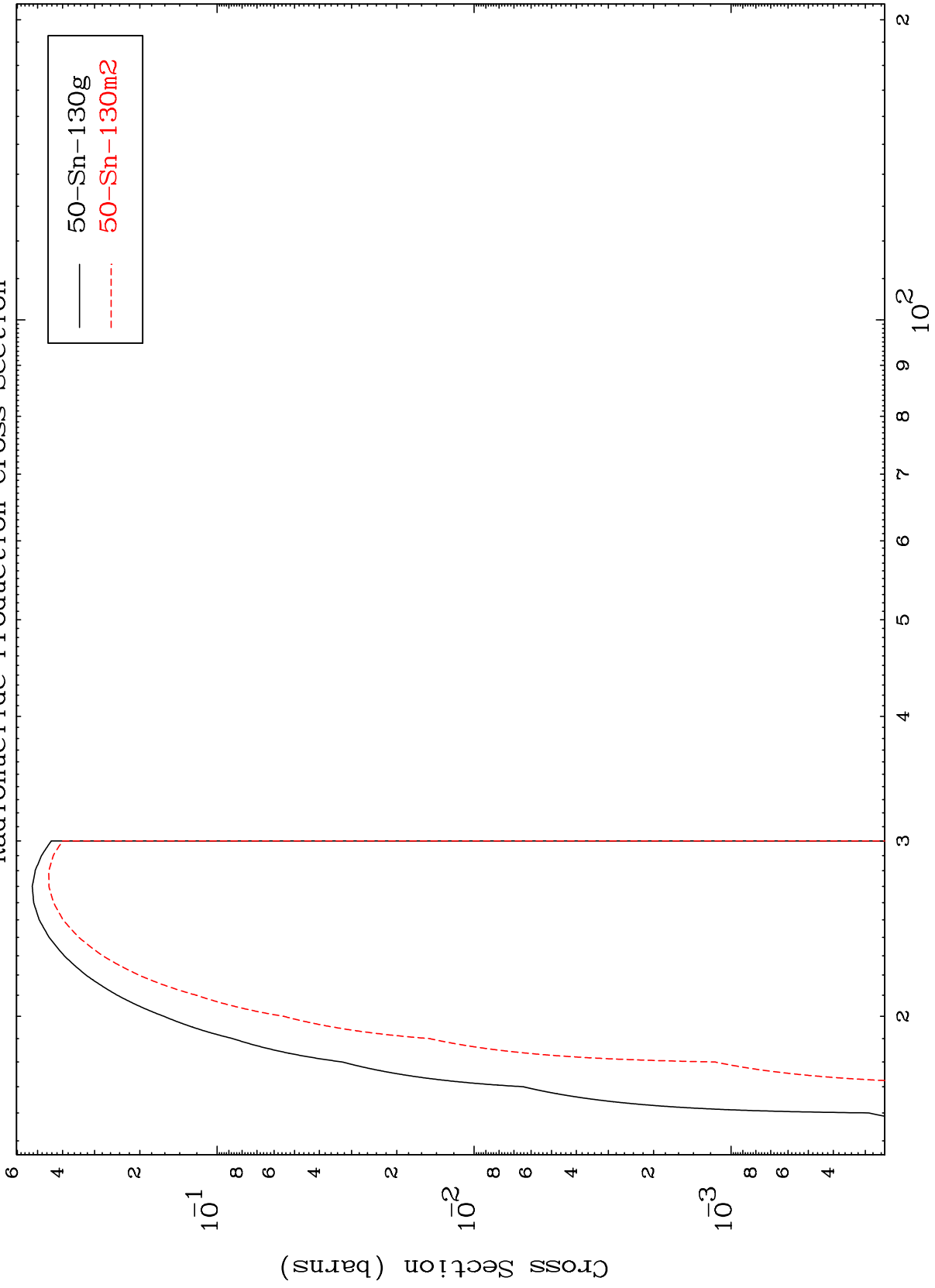
Incident Energy (MeV)

50-Sn-133

MAT 5088

50-Sn-133

(n,4n)
Radionuclide Production Cross Section



50-Sn-130g
50-Sn-130m2

138

50-Sn-133

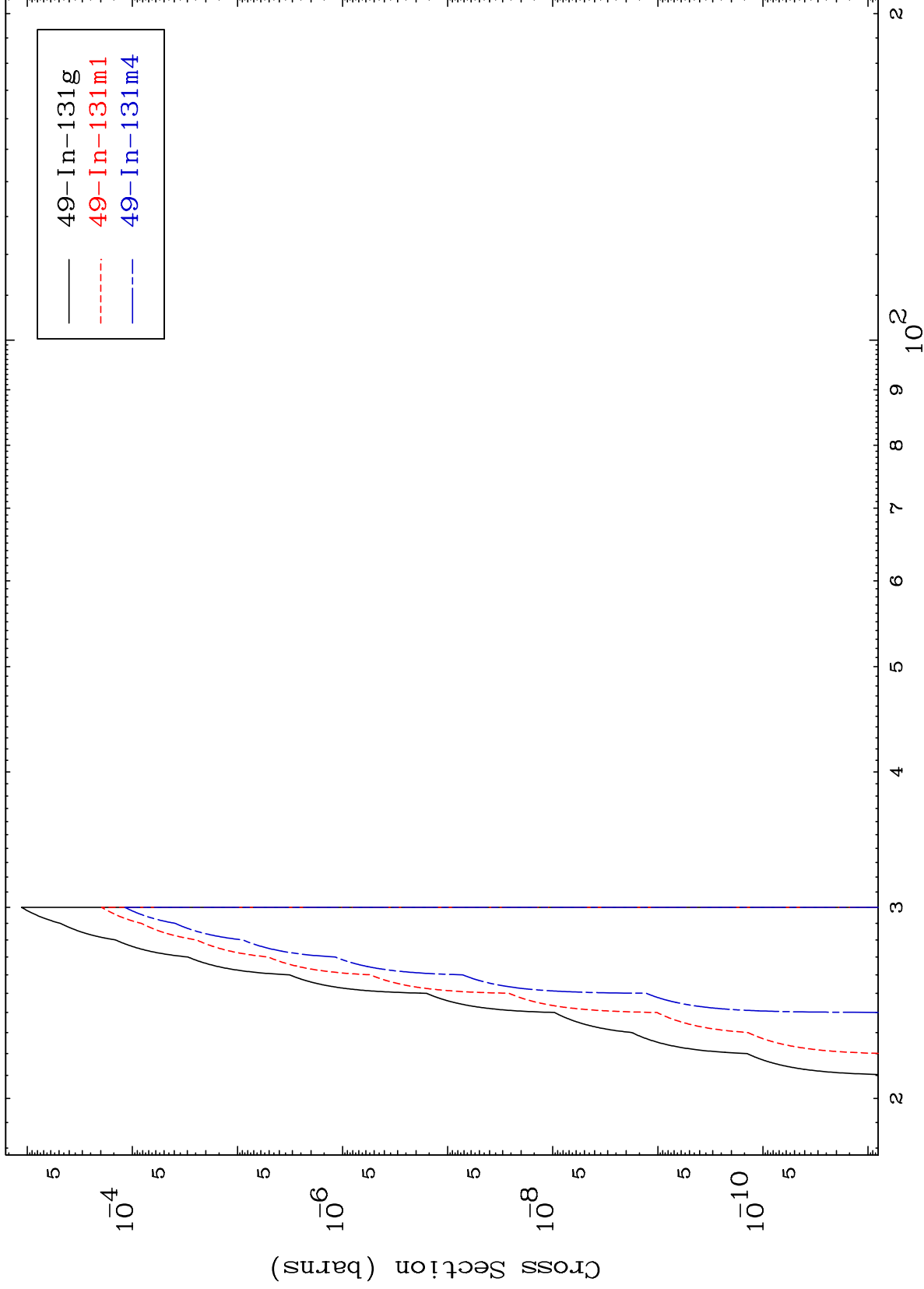
Incident Energy (MeV)

MAT 5088

(n,2n) p

50-Sn-133

Radionuclide Production Cross Section



139

Incident Energy (MeV)

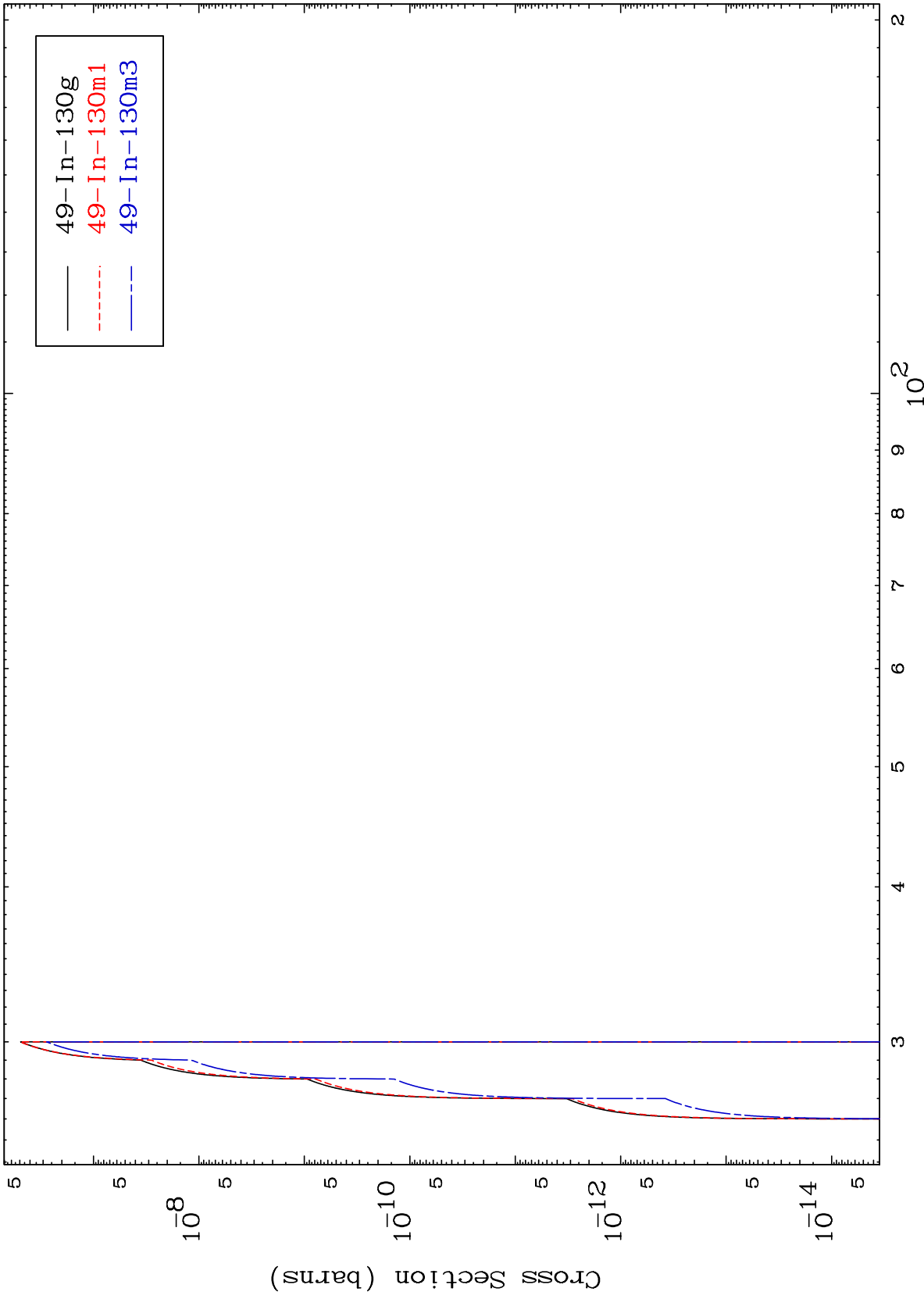
50-Sn-133

MAT 5088

(n,3n) p

50-Sn-133

Radionuclide Production Cross Section



140

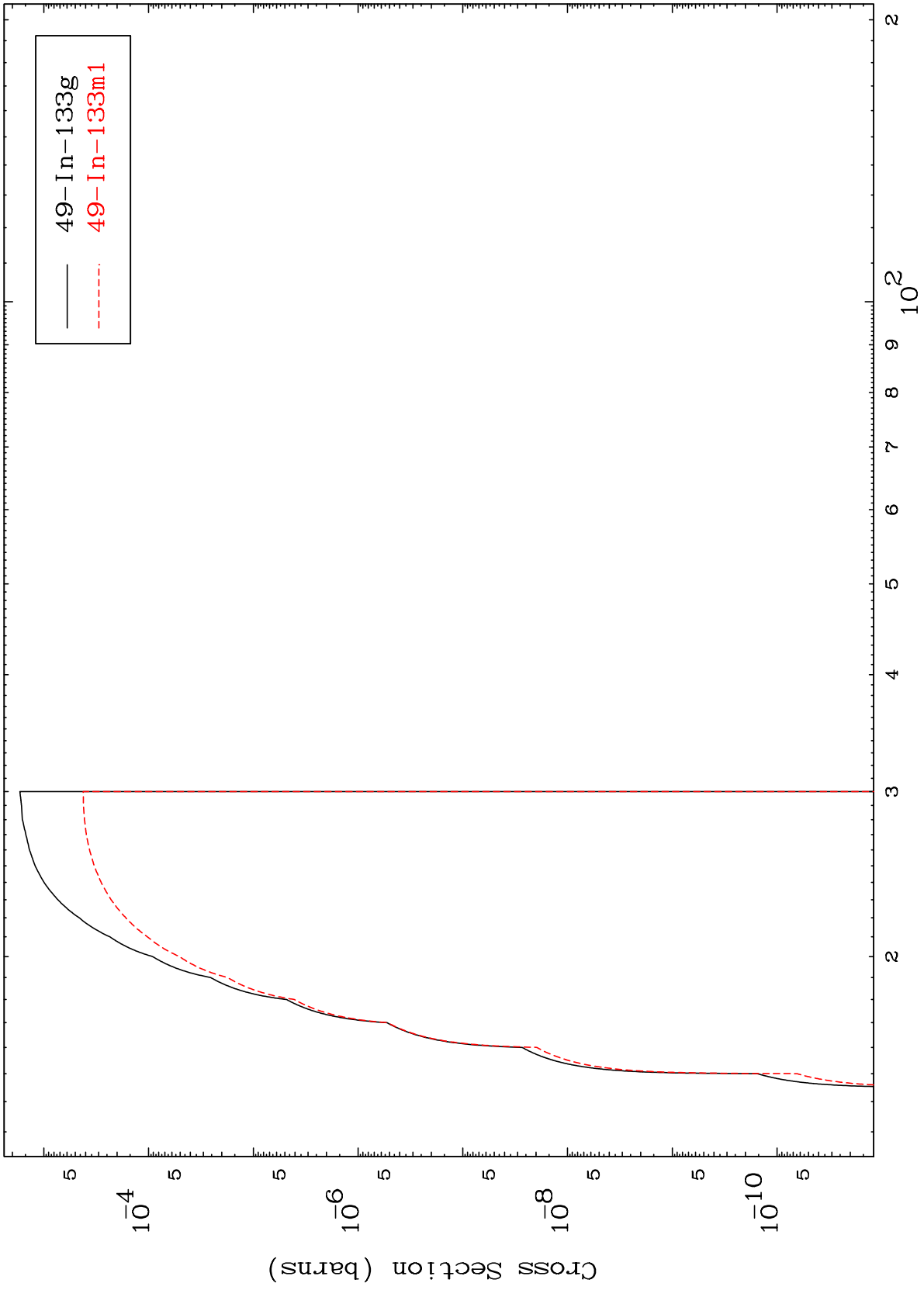
Incident Energy (MeV)

50-Sn-133

MAT 5088

50-Sn-133

(n,p)
Radionuclide Production Cross Section



141

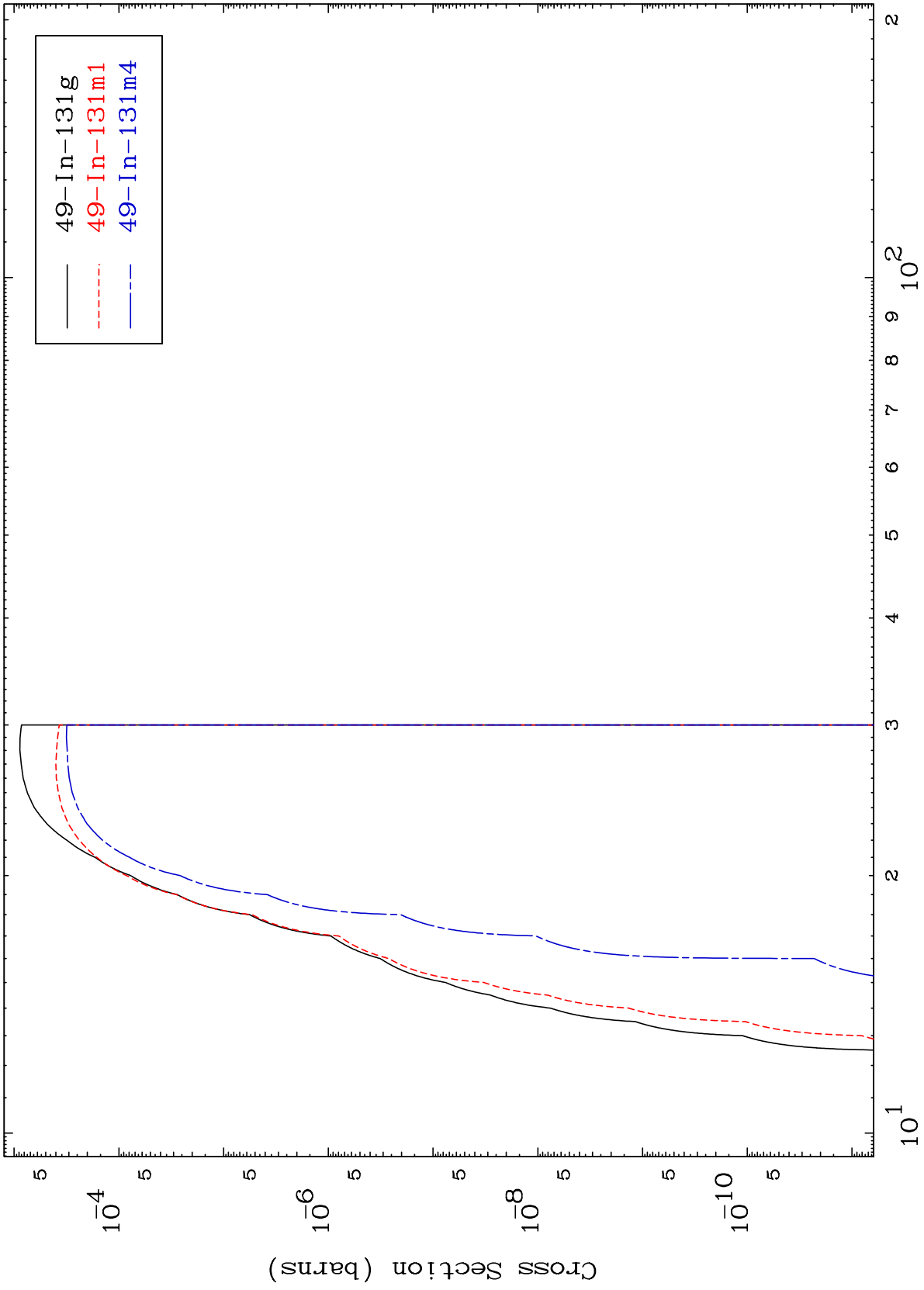
50-Sn-133

Incident Energy (MeV)

MAT 5088

50-Sn-133

(n, t)
Radionuclide Production Cross Section



142

Incident Energy (MeV)

50-Sn-133