

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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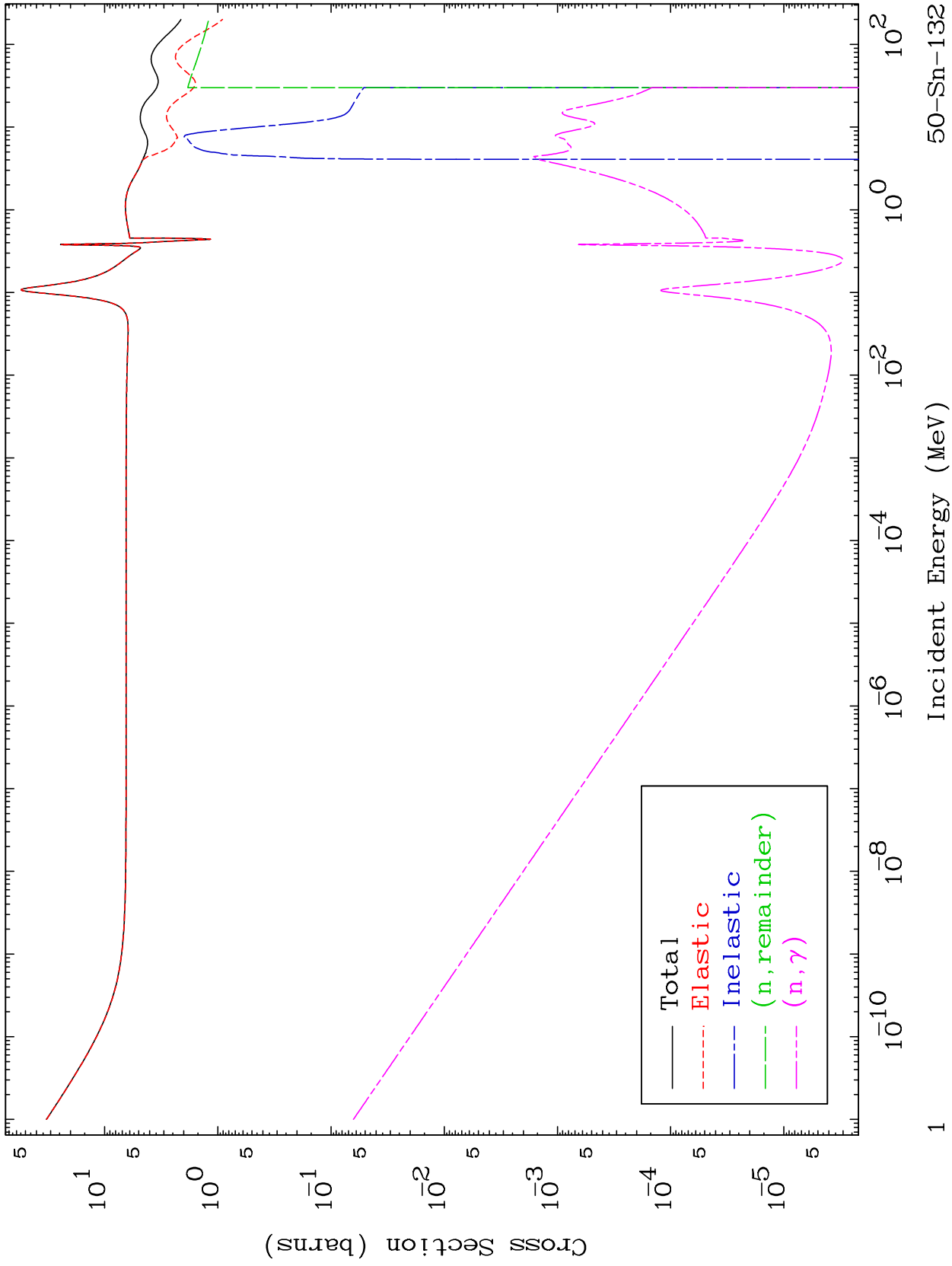
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5085

Major
293 Kelvin Cross Sections

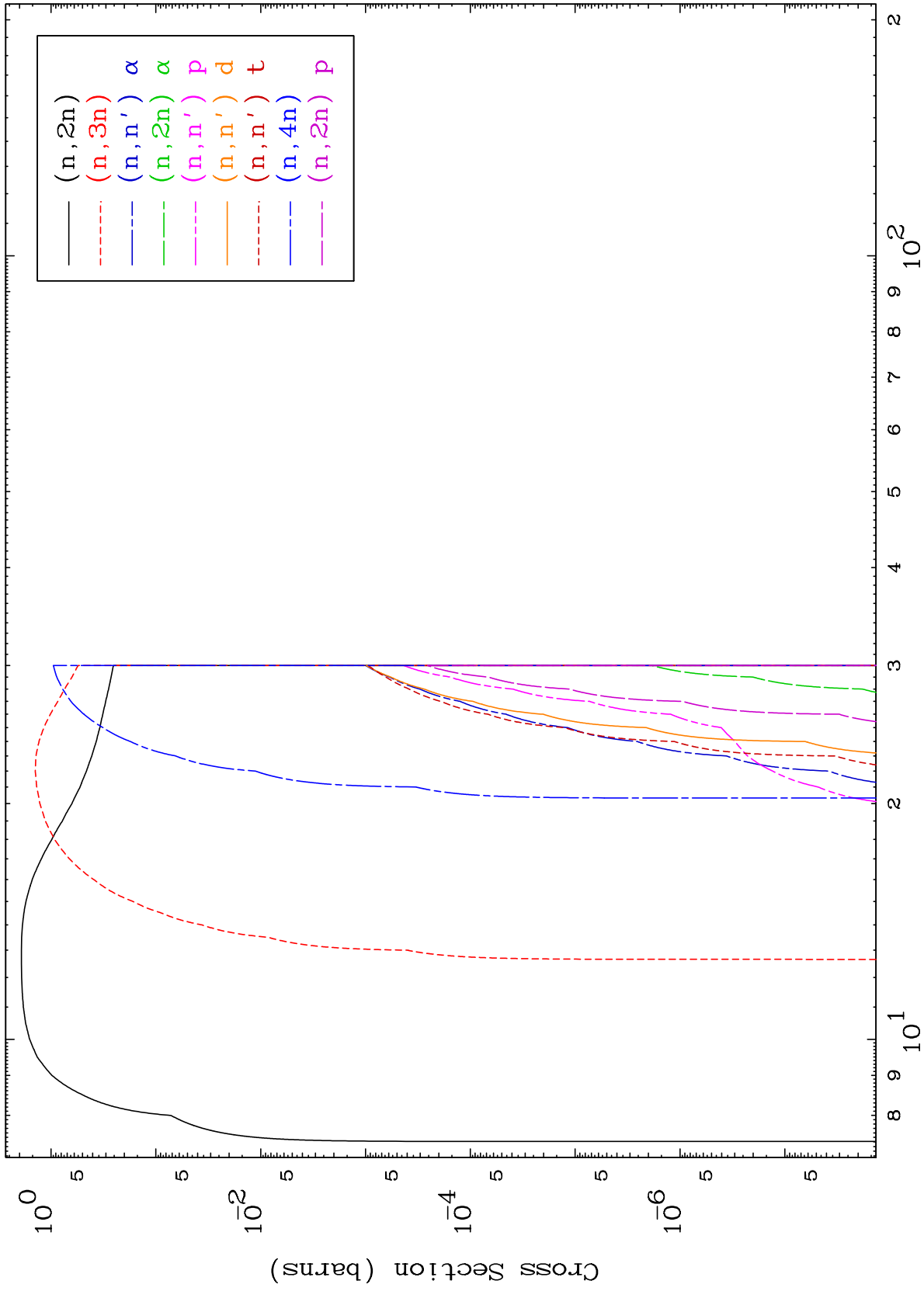
50-Sn-132



MAT 5085

Neutron Production
293 Kelvin Cross Sections

50-Sn-132



2

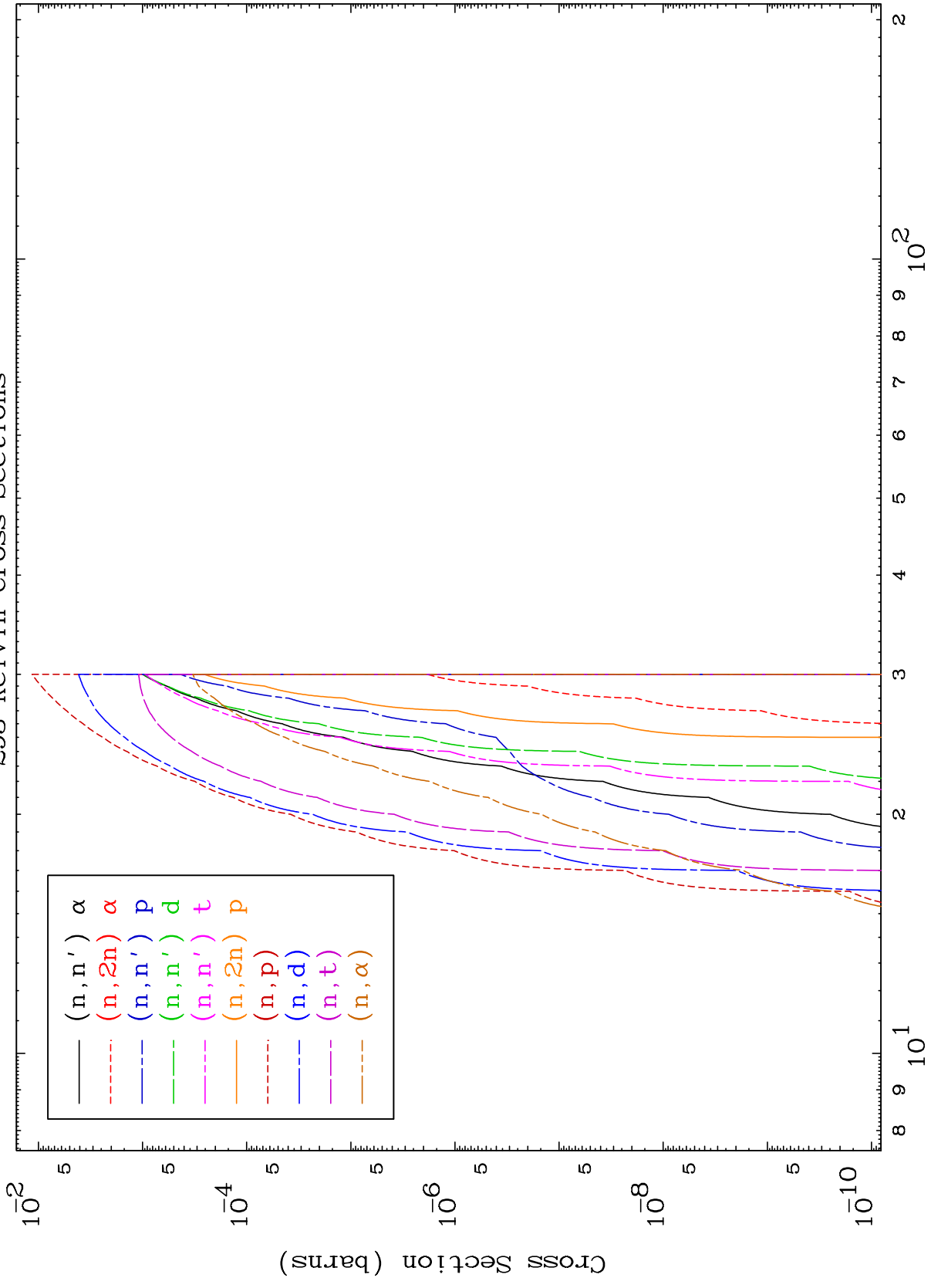
Incident Energy (MeV)

50-Sn-132

MAT 5085

Charged Particle
293 Kelvin Cross Sections

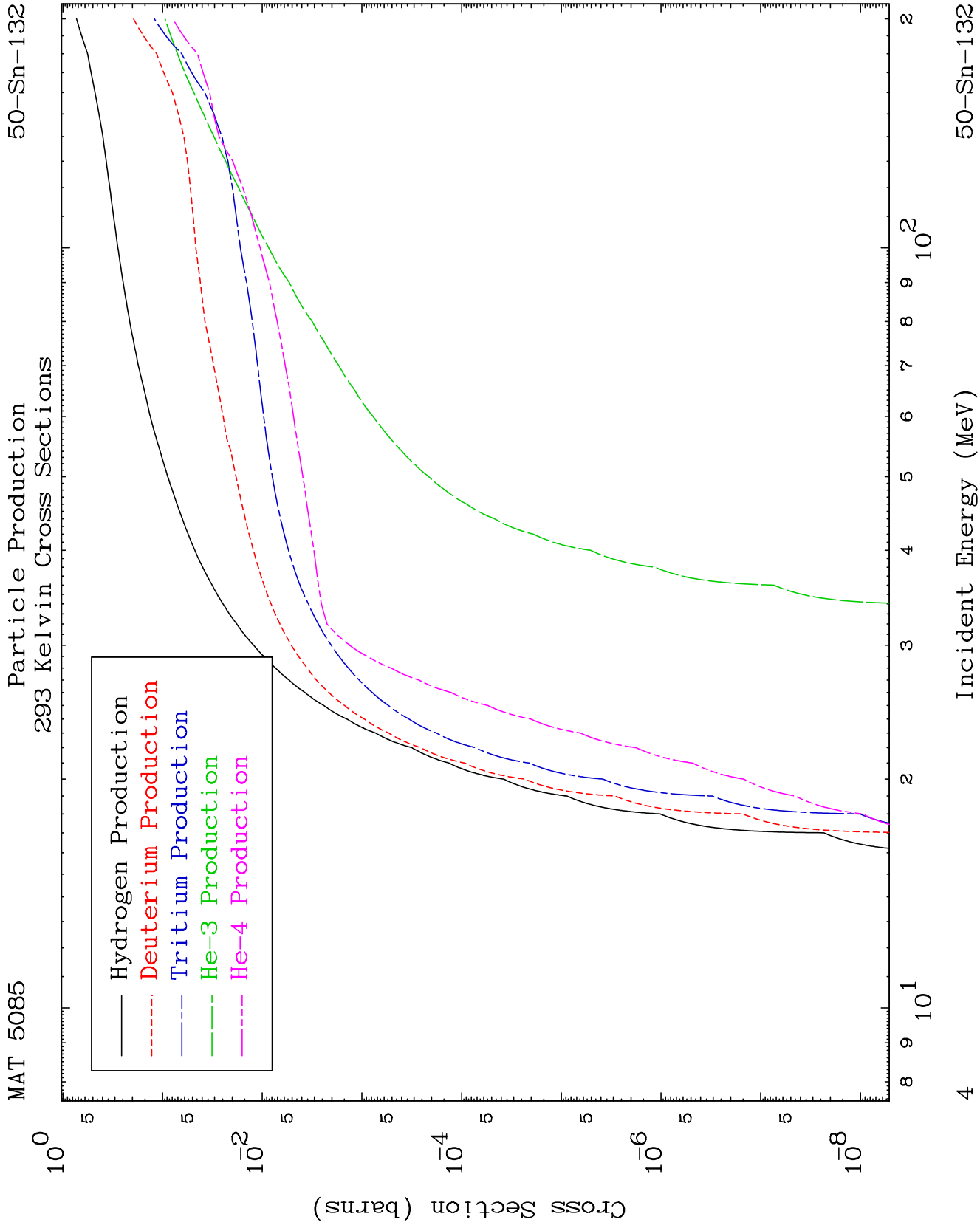
50-Sn-132



3

Incident Energy (MeV)

50-Sn-132

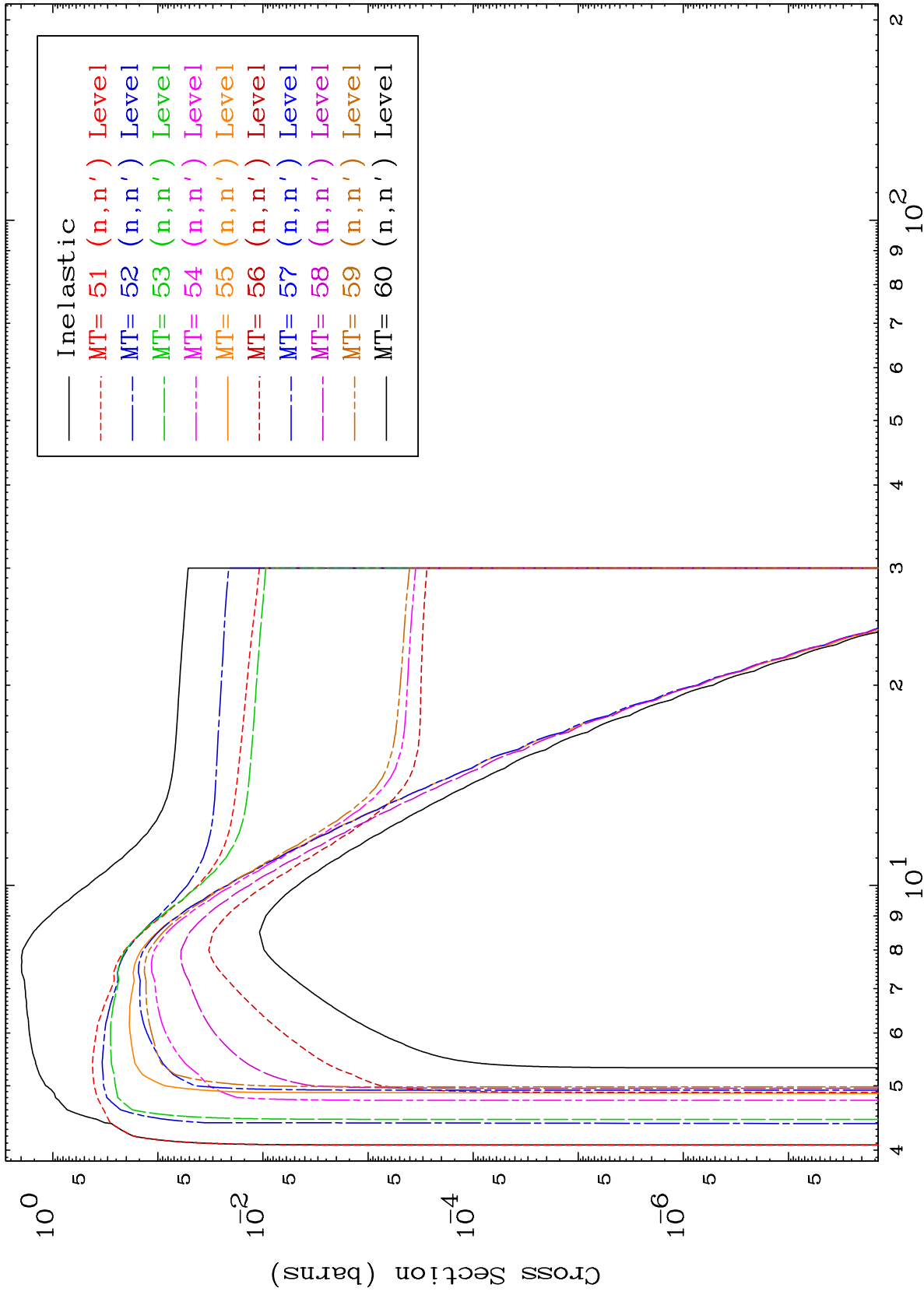


MAT 5085

(n,n') Level

50-Sn-132

293 Kelvin Cross Sections



5

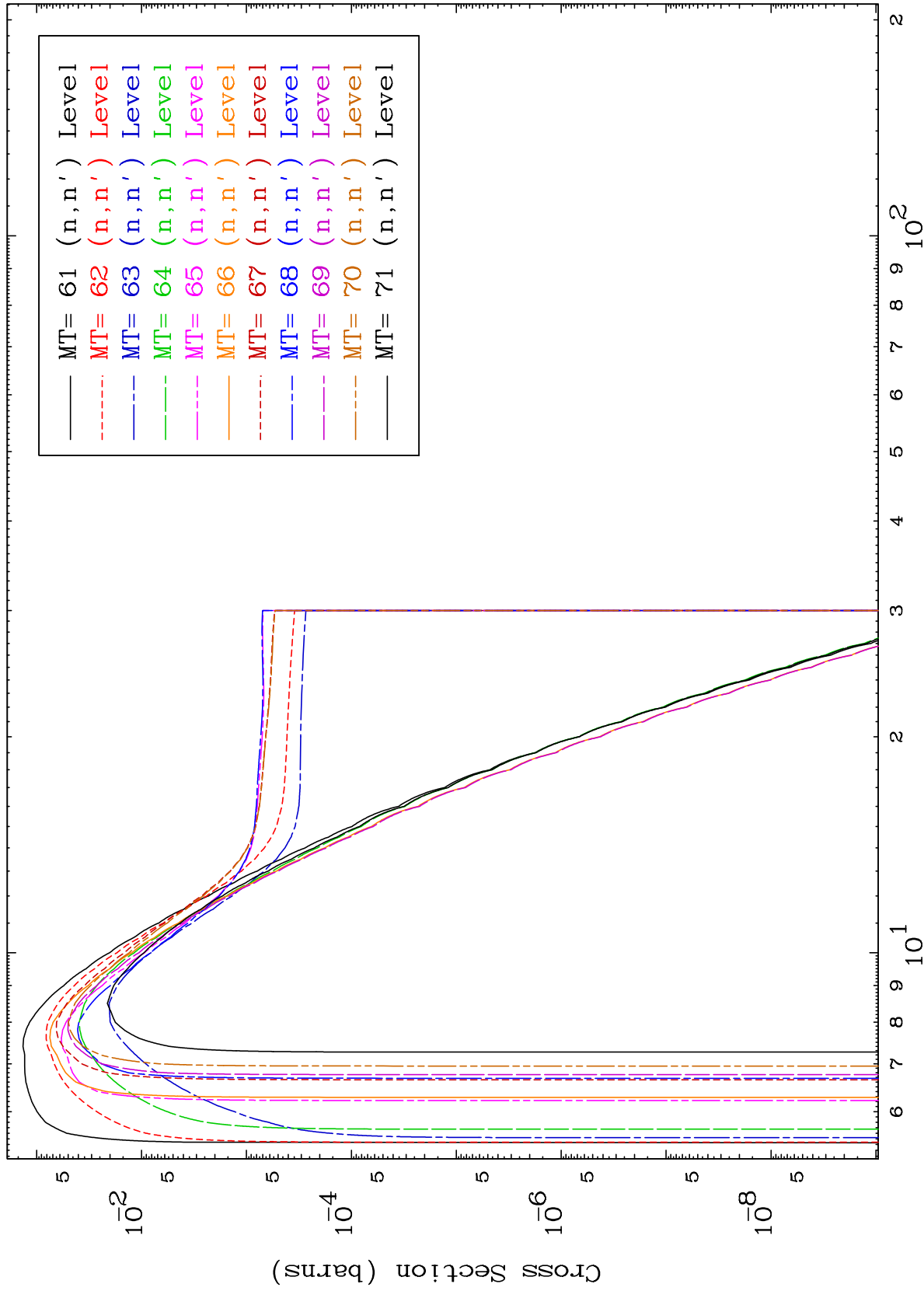
Incident Energy (MeV)

50-Sn-132

MAT 5085

(n,n') Level
293 Kelvin Cross Sections

50-Sn-132



6

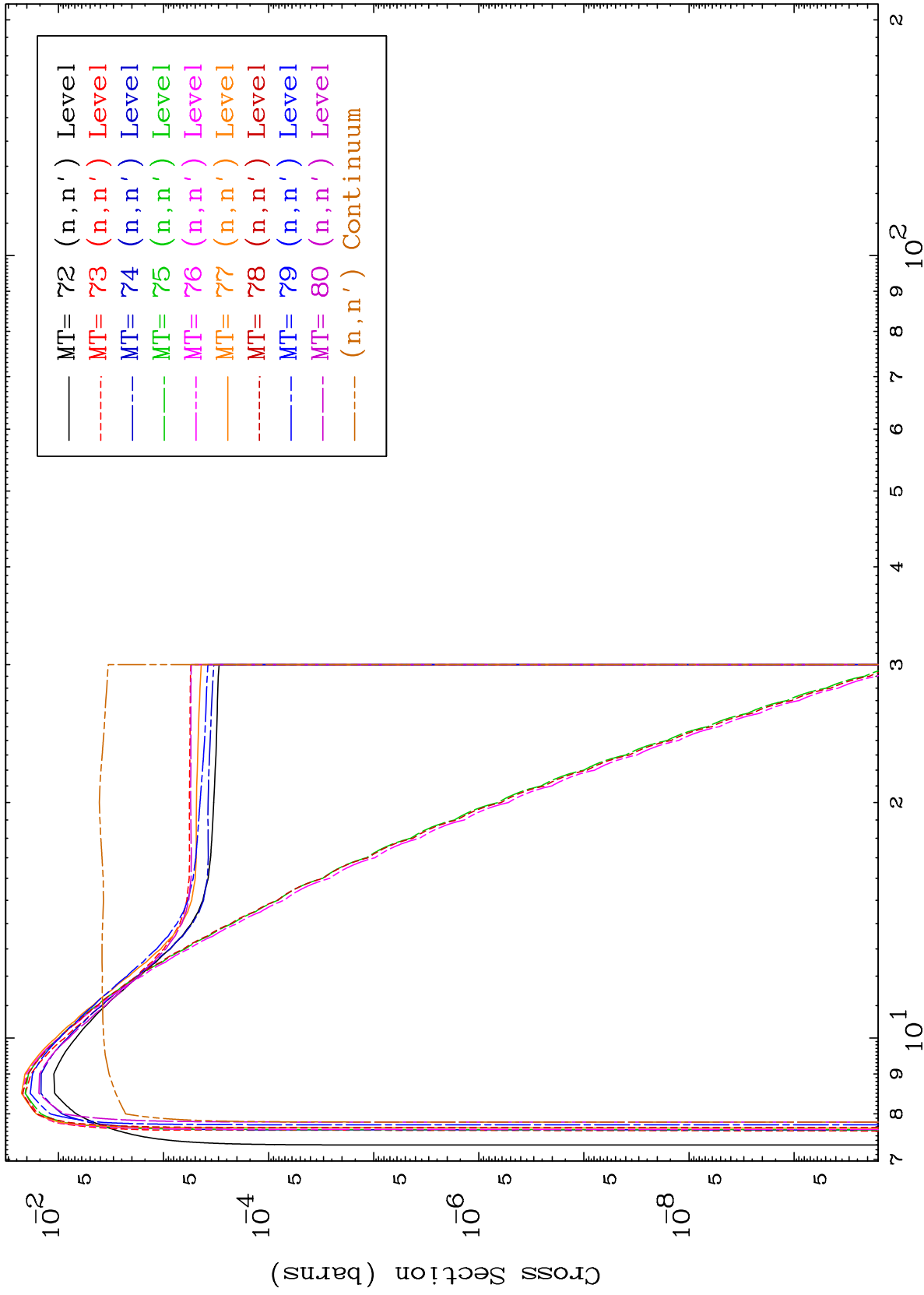
Incident Energy (MeV)

50-Sn-132

MAT 5085

(n,n') Level
293 Kelvin Cross Sections

50-Sn-132



7

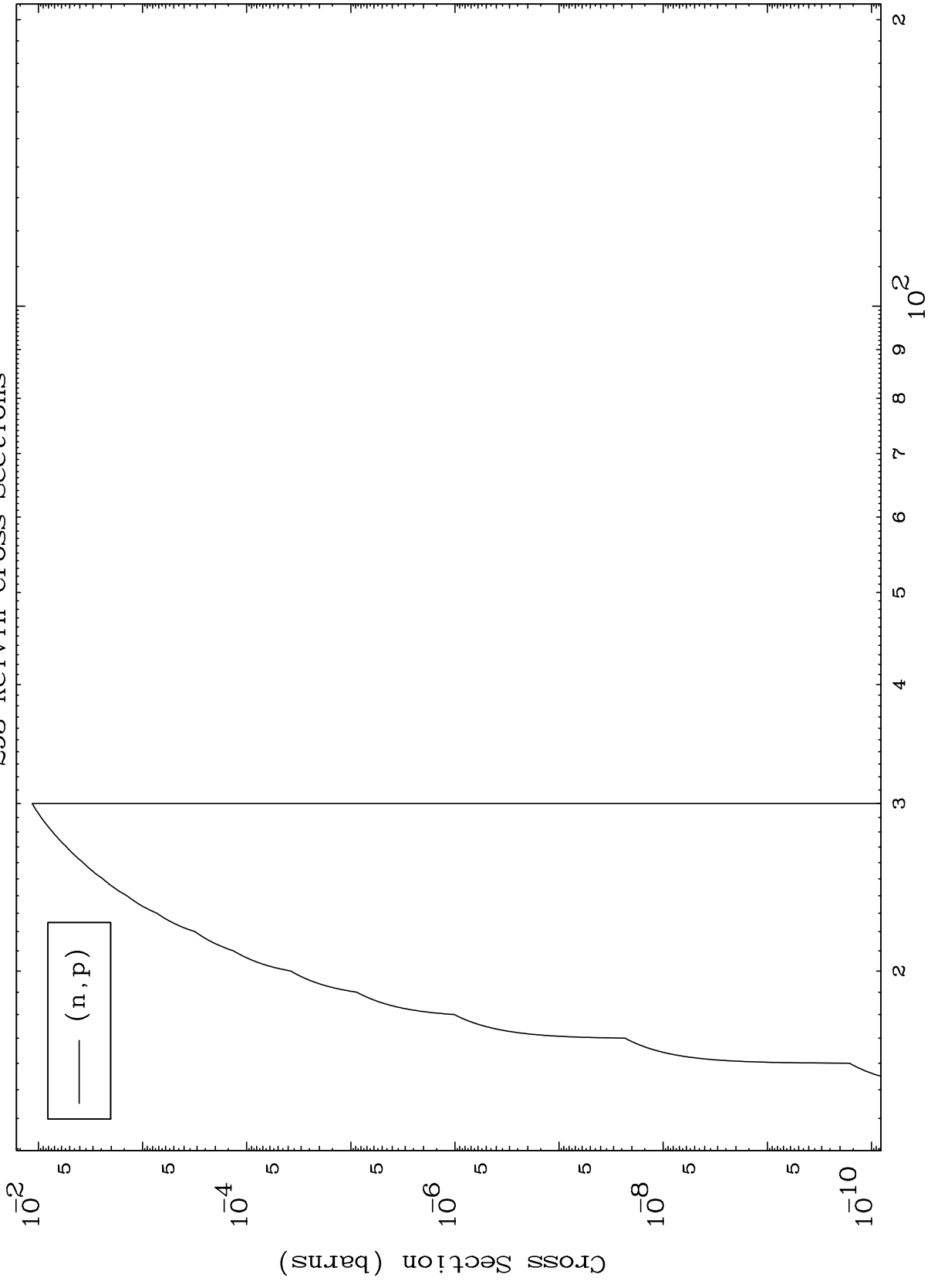
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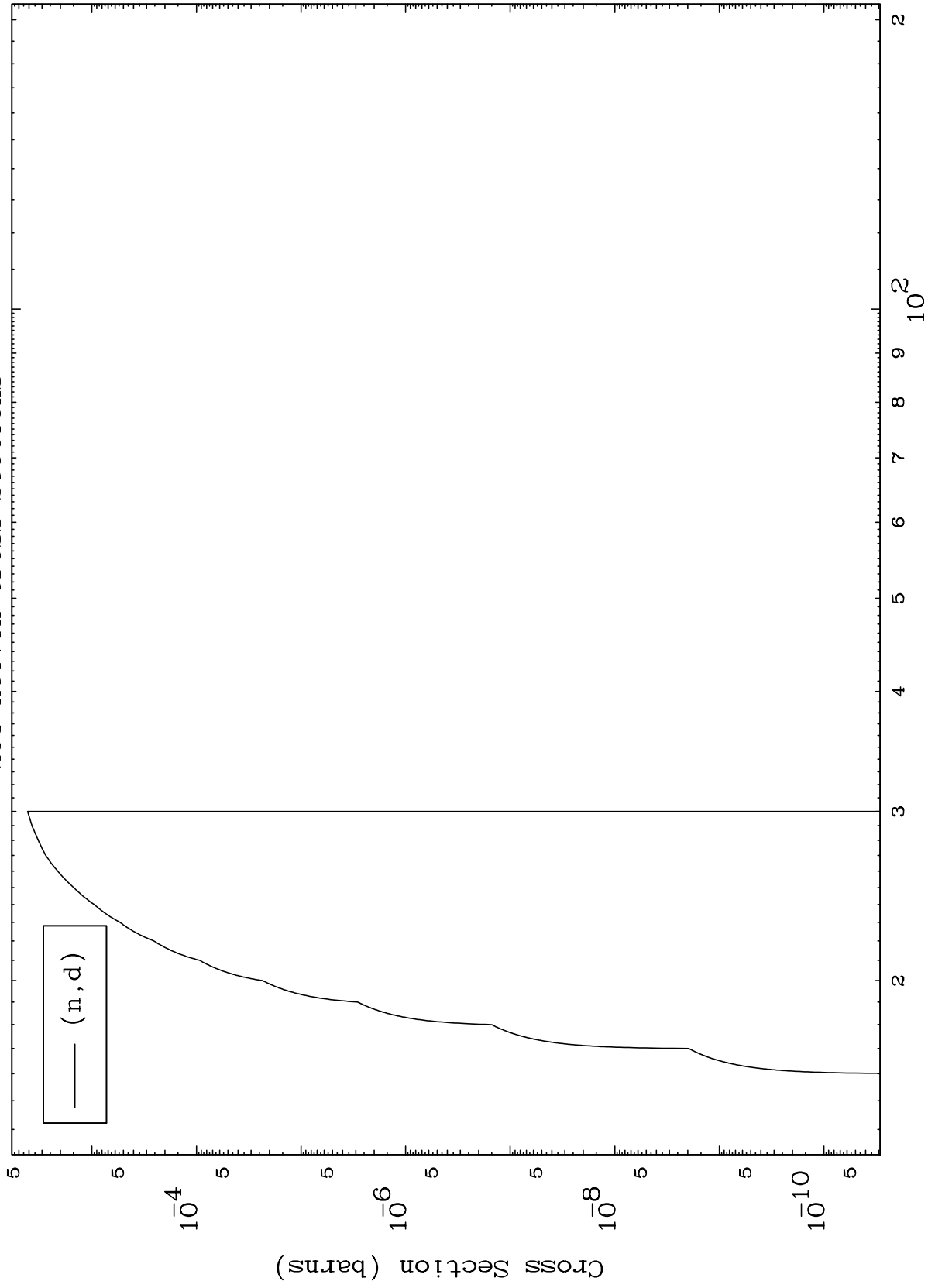
50-Sn-132

MAT 5085

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-132

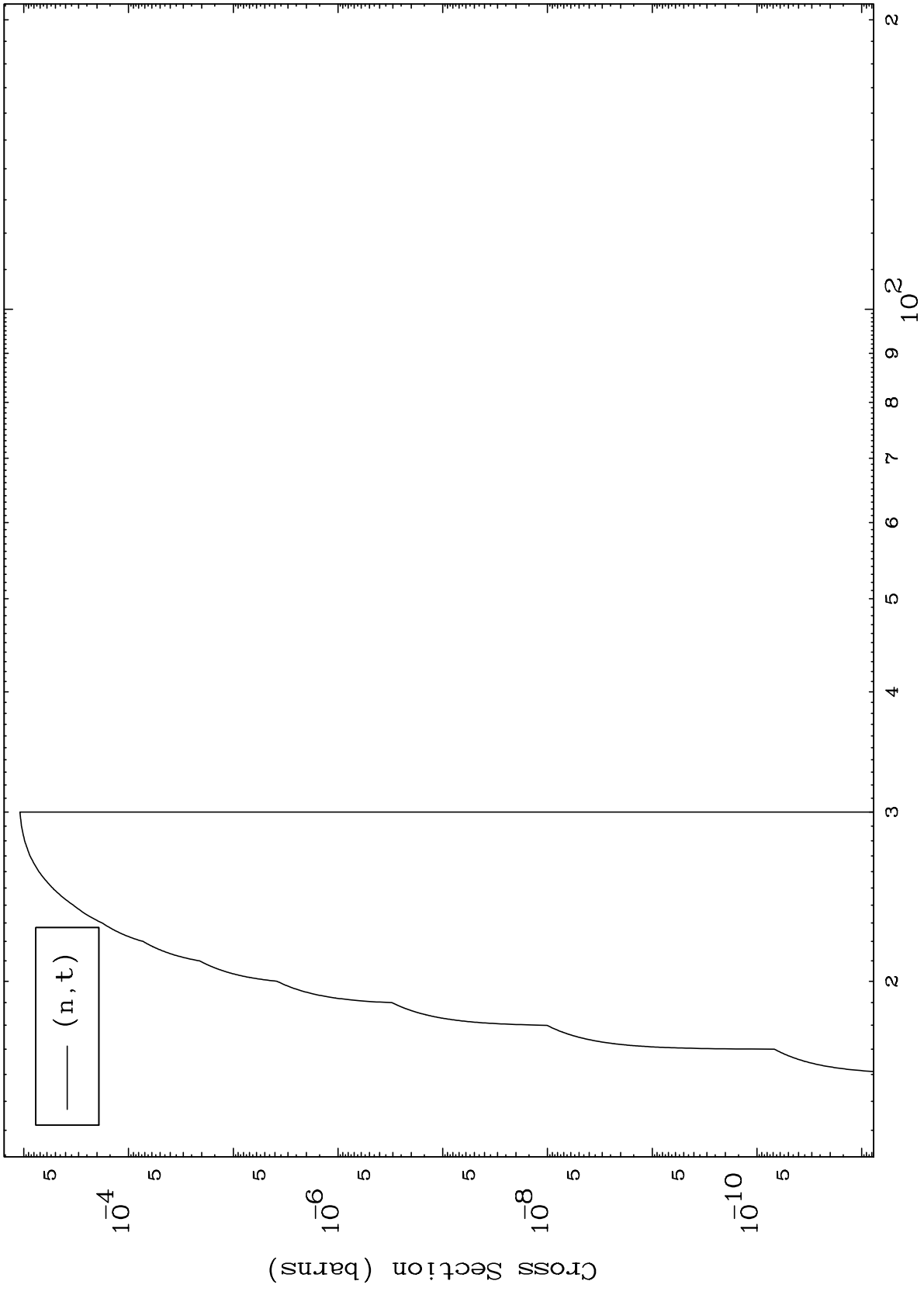




MAT 5085

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-132



10

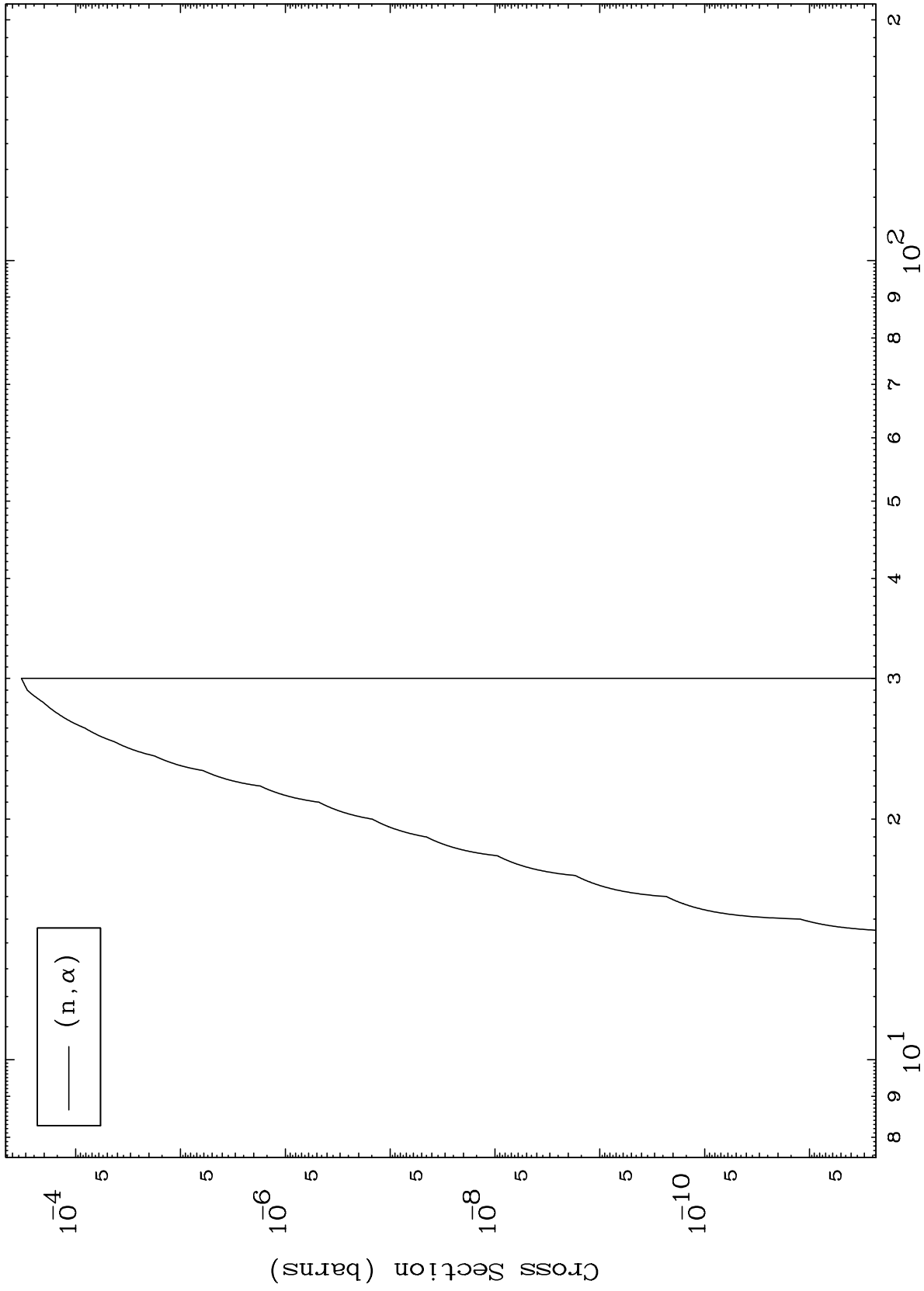
Incident Energy (MeV)

50-Sn-132

MAT 5085

(n,α) Levels
293 Kelvin Cross Sections

50-Sn-132



11

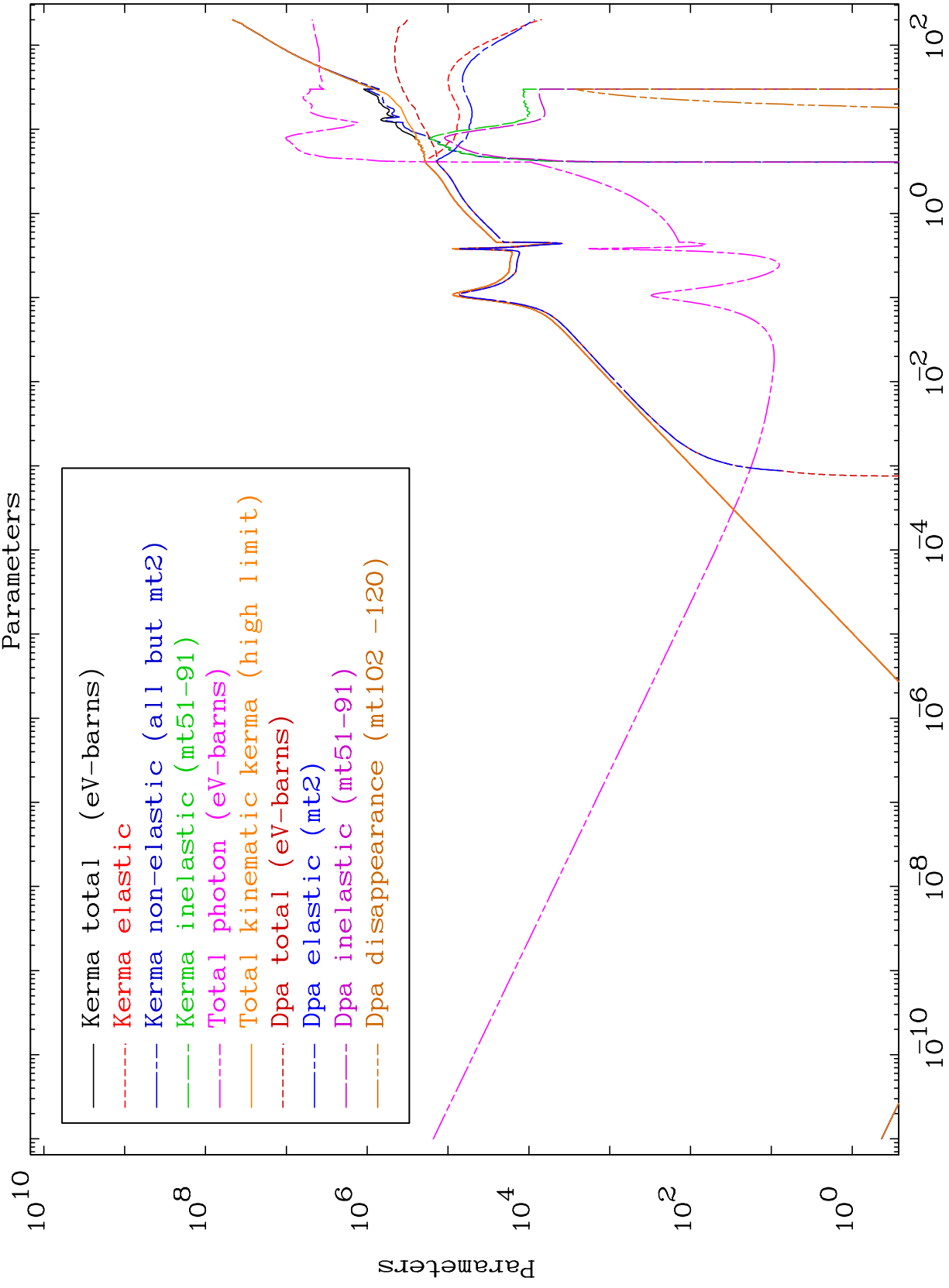
Incident Energy (MeV)

50-Sn-132

MAT 5085

Energy Release
Parameters

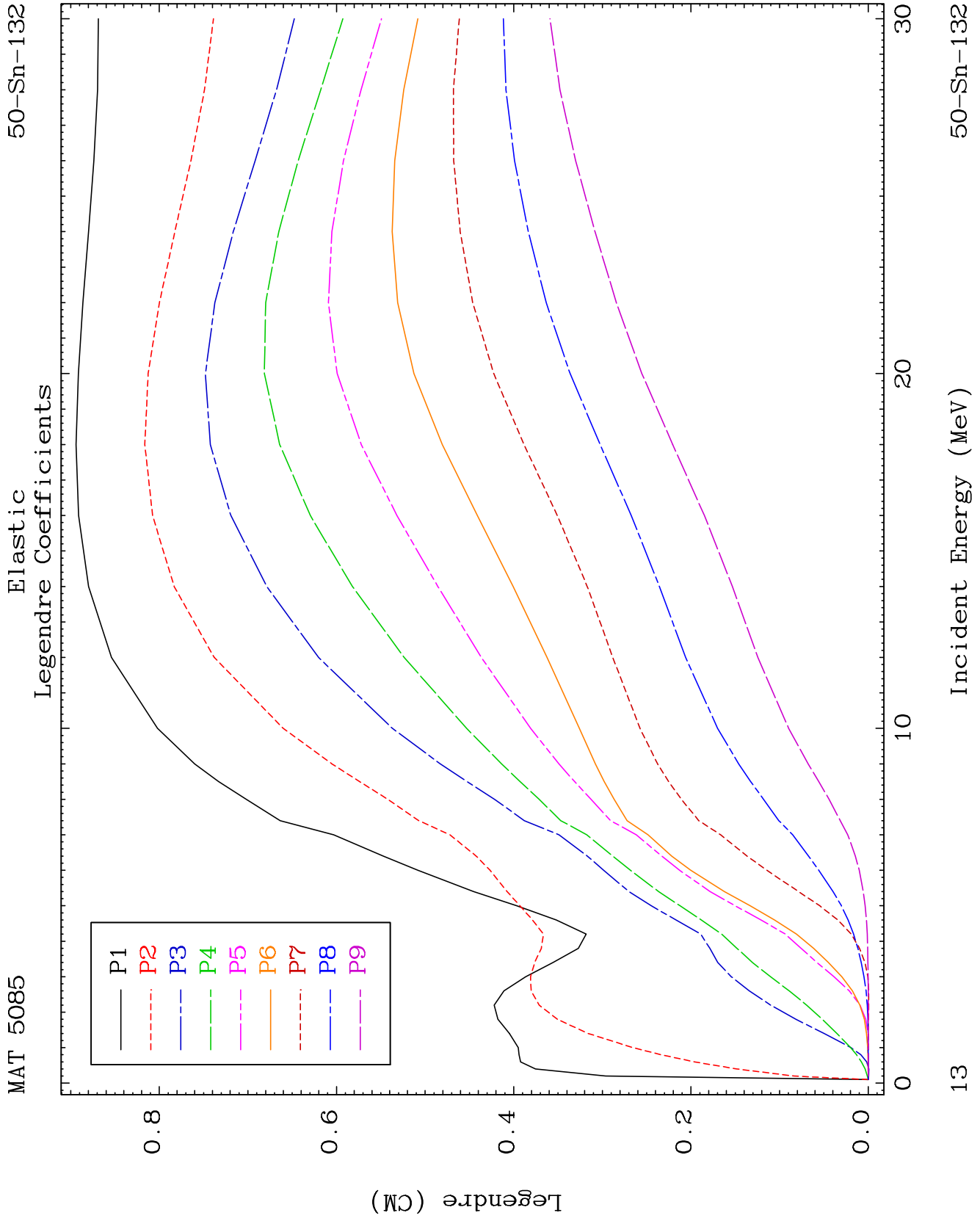
50-Sn-132



12

Incident Energy (MeV)

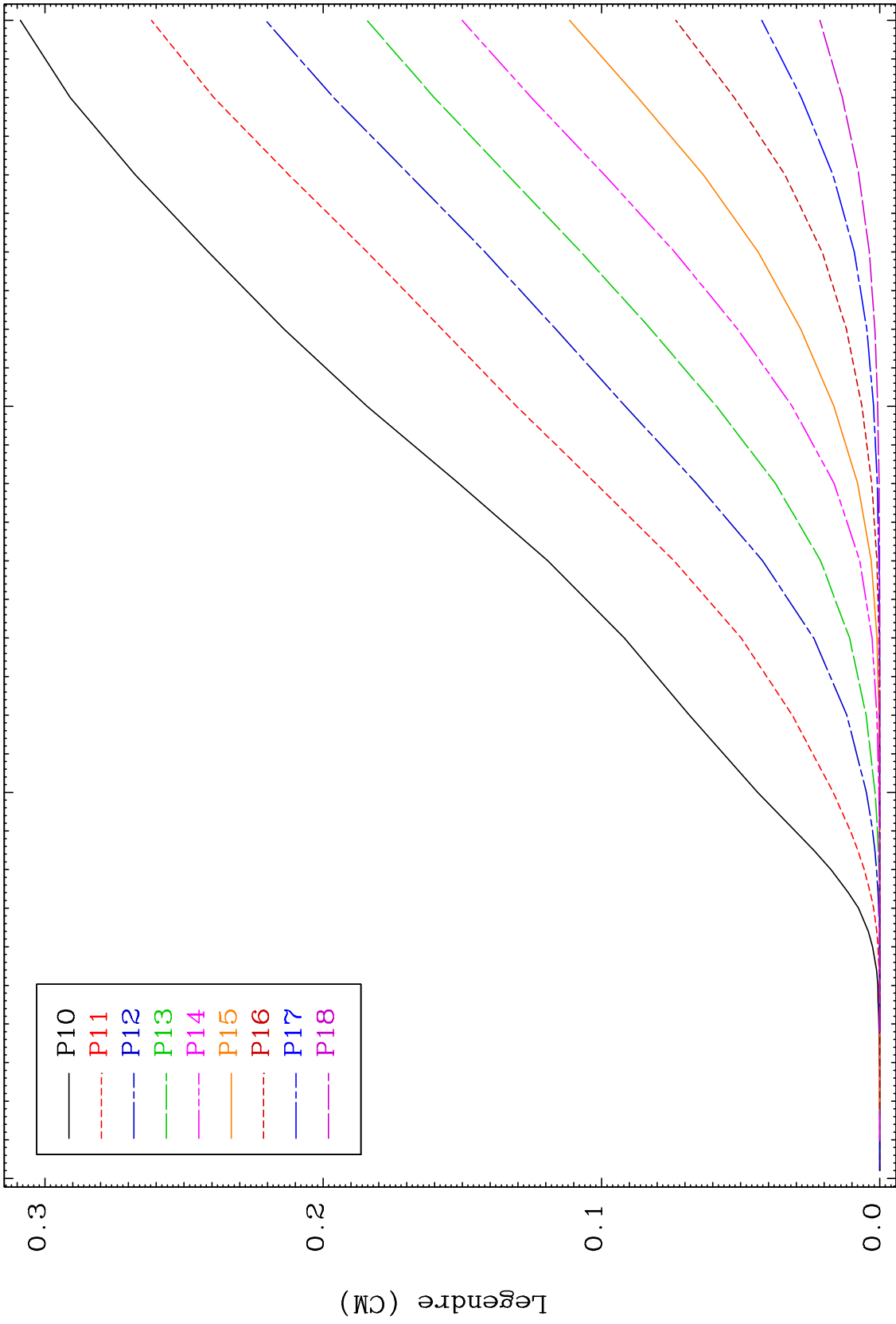
50-Sn-132



MAT 5085

Elastic Legendre Coefficients

50-Sn-132



14

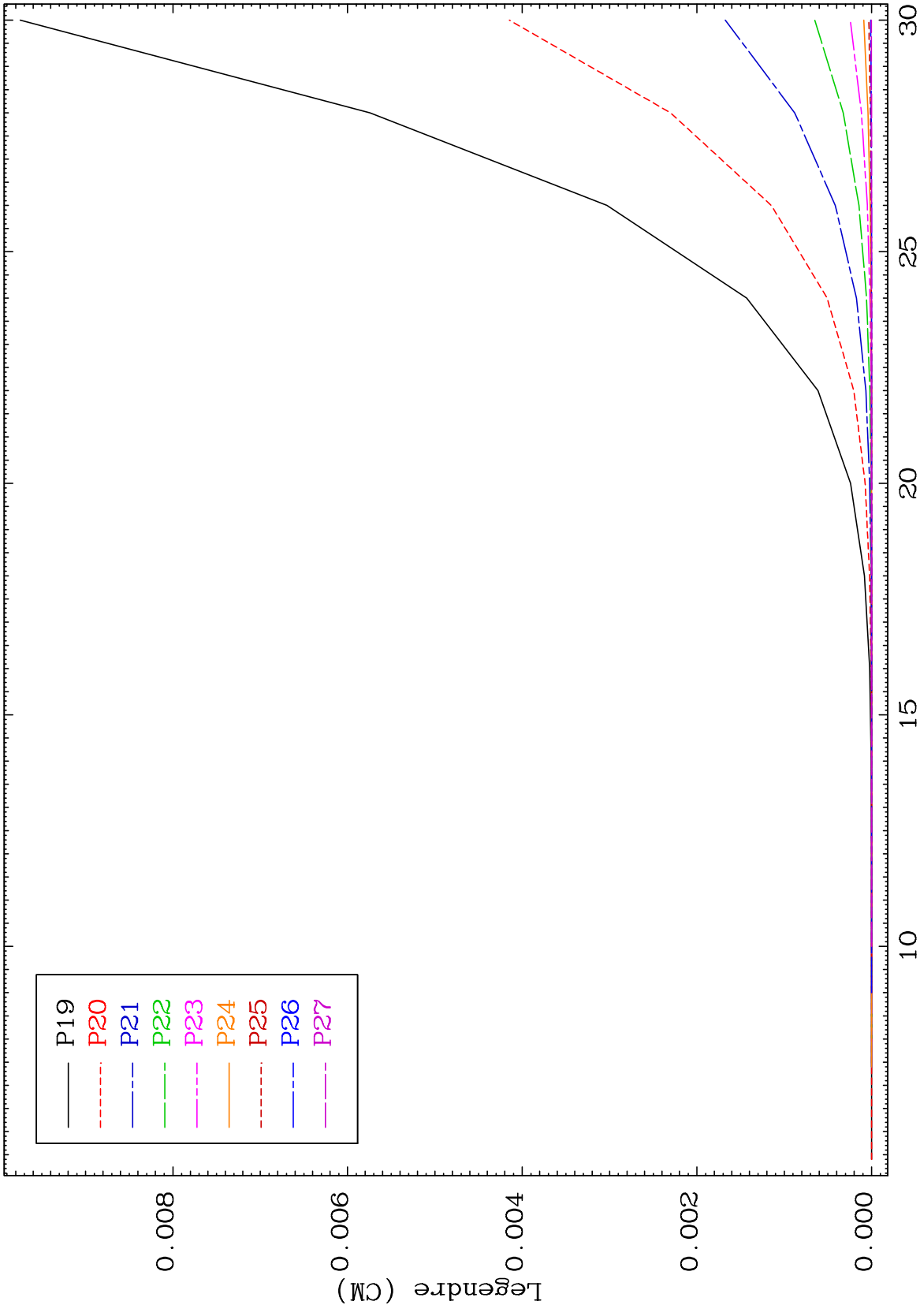
Incident Energy (MeV)

50-Sn-132

MAT 5085

Elastic
Legendre Coefficients

50-Sn-132



15

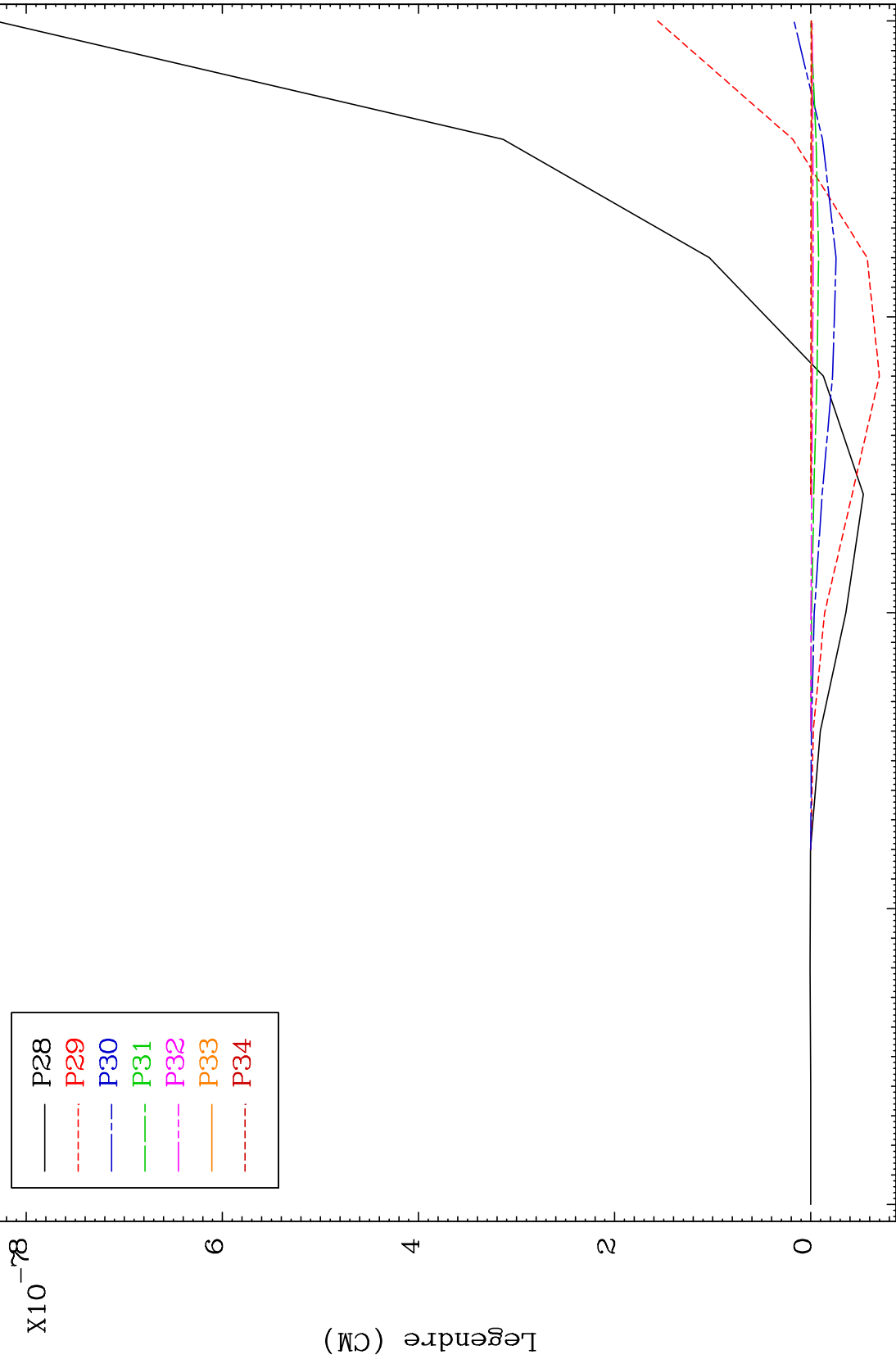
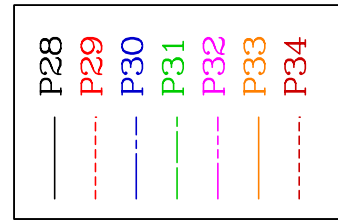
Incident Energy (MeV)

50-Sn-132

MAT 5085

Elastic Legendre Coefficients

50-Sn-132

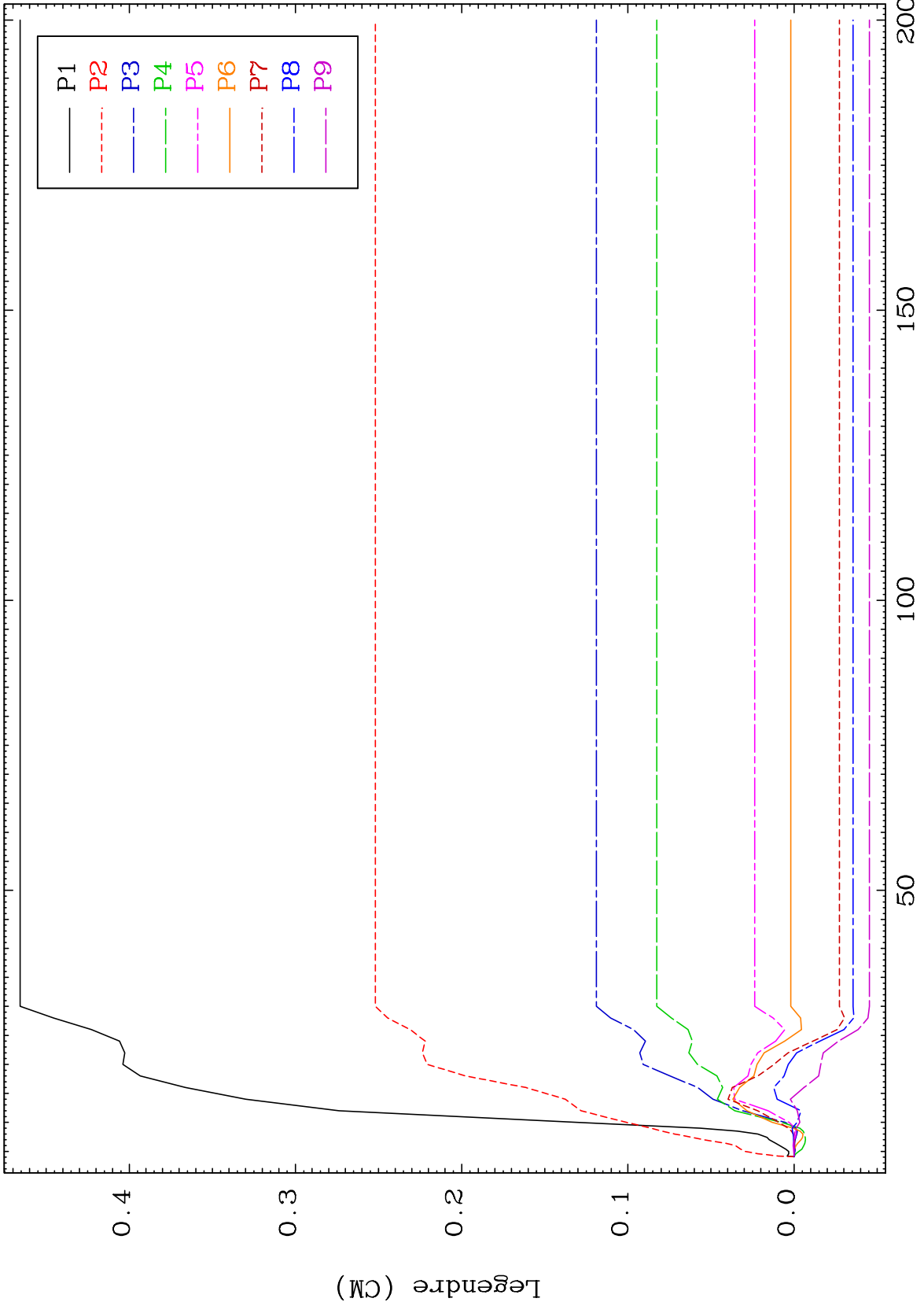


16

Incident Energy (MeV)

50-Sn-132

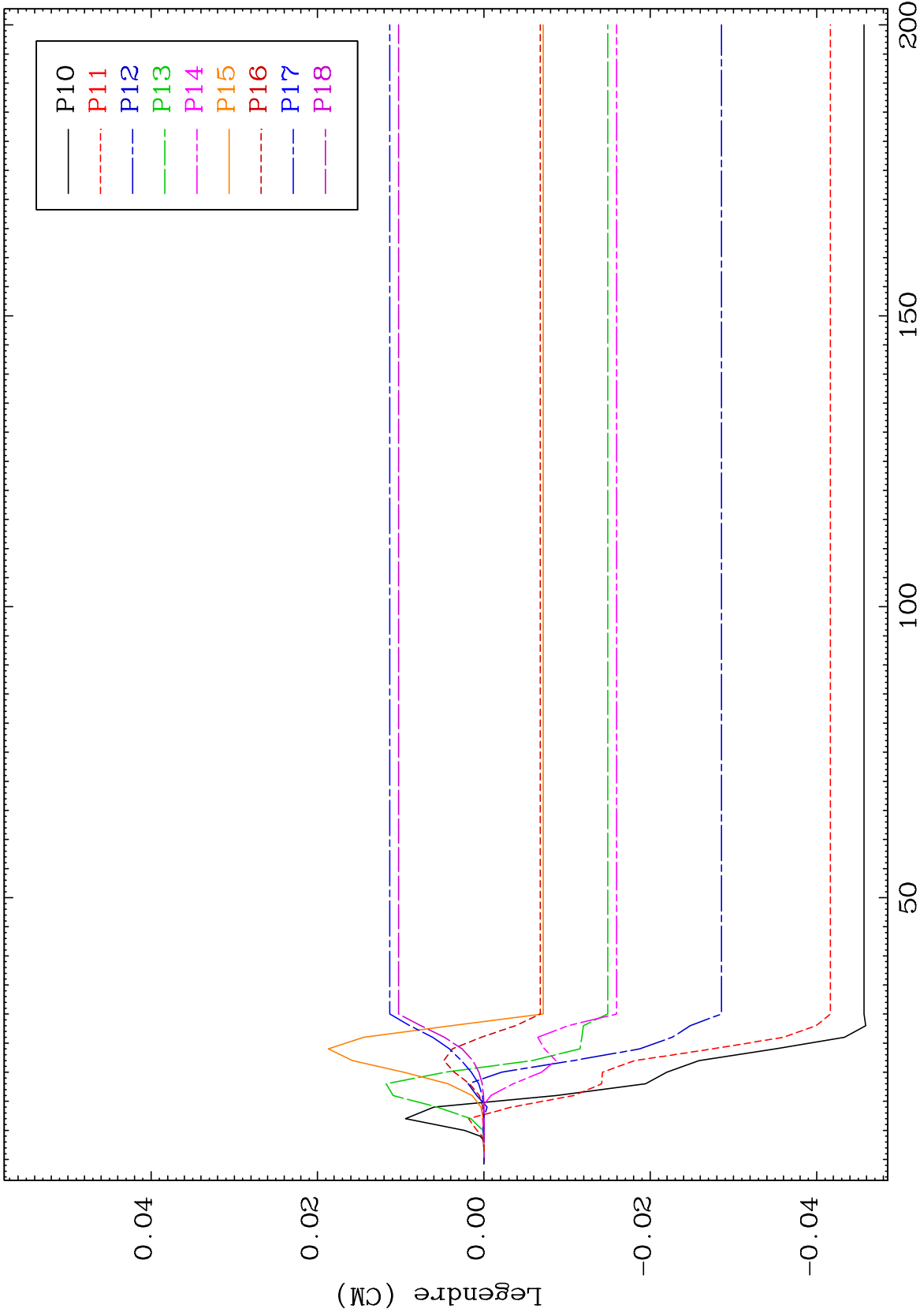
MAT 5085 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-132



MAT 5085

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

50-Sn-132



18

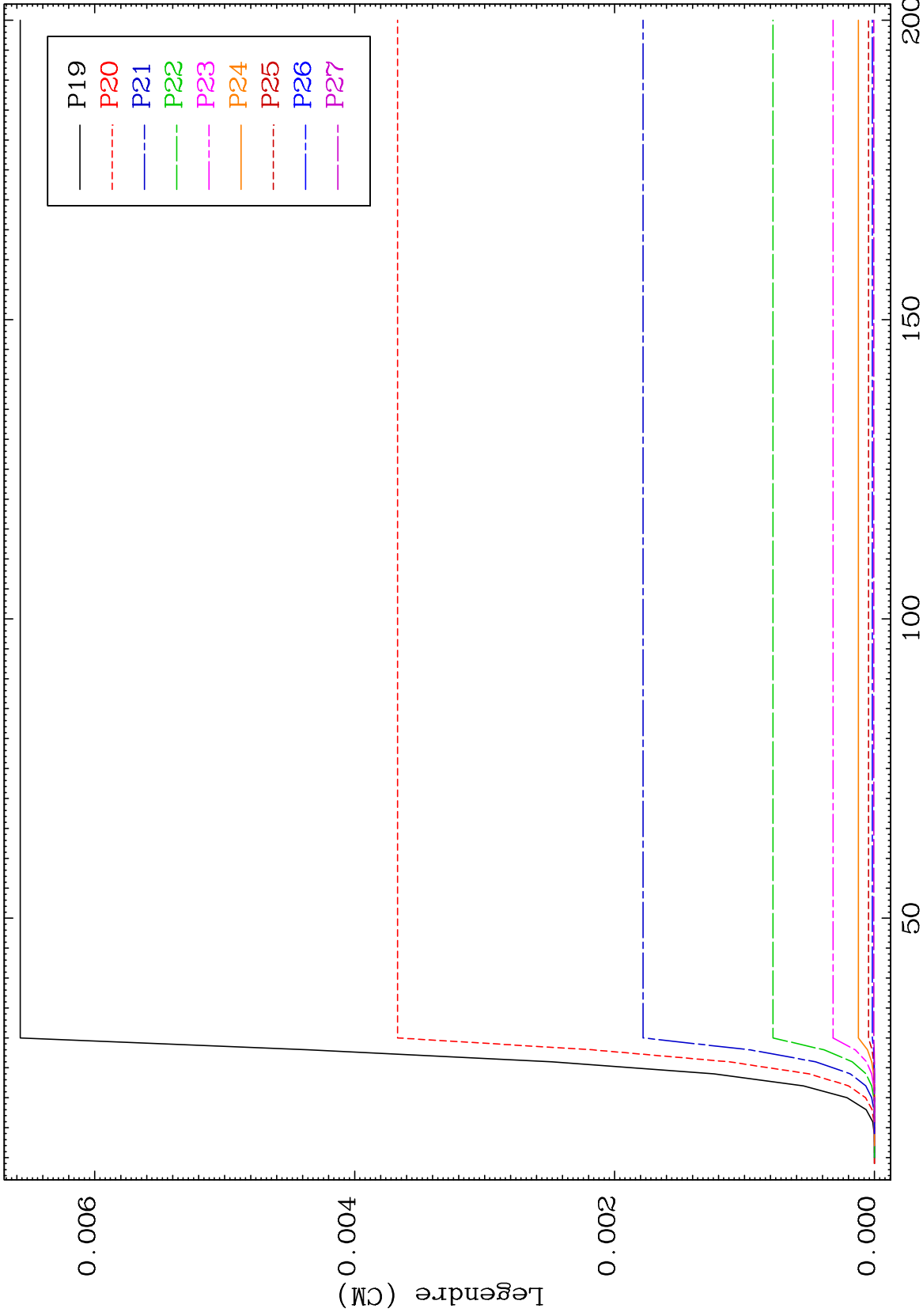
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132



19

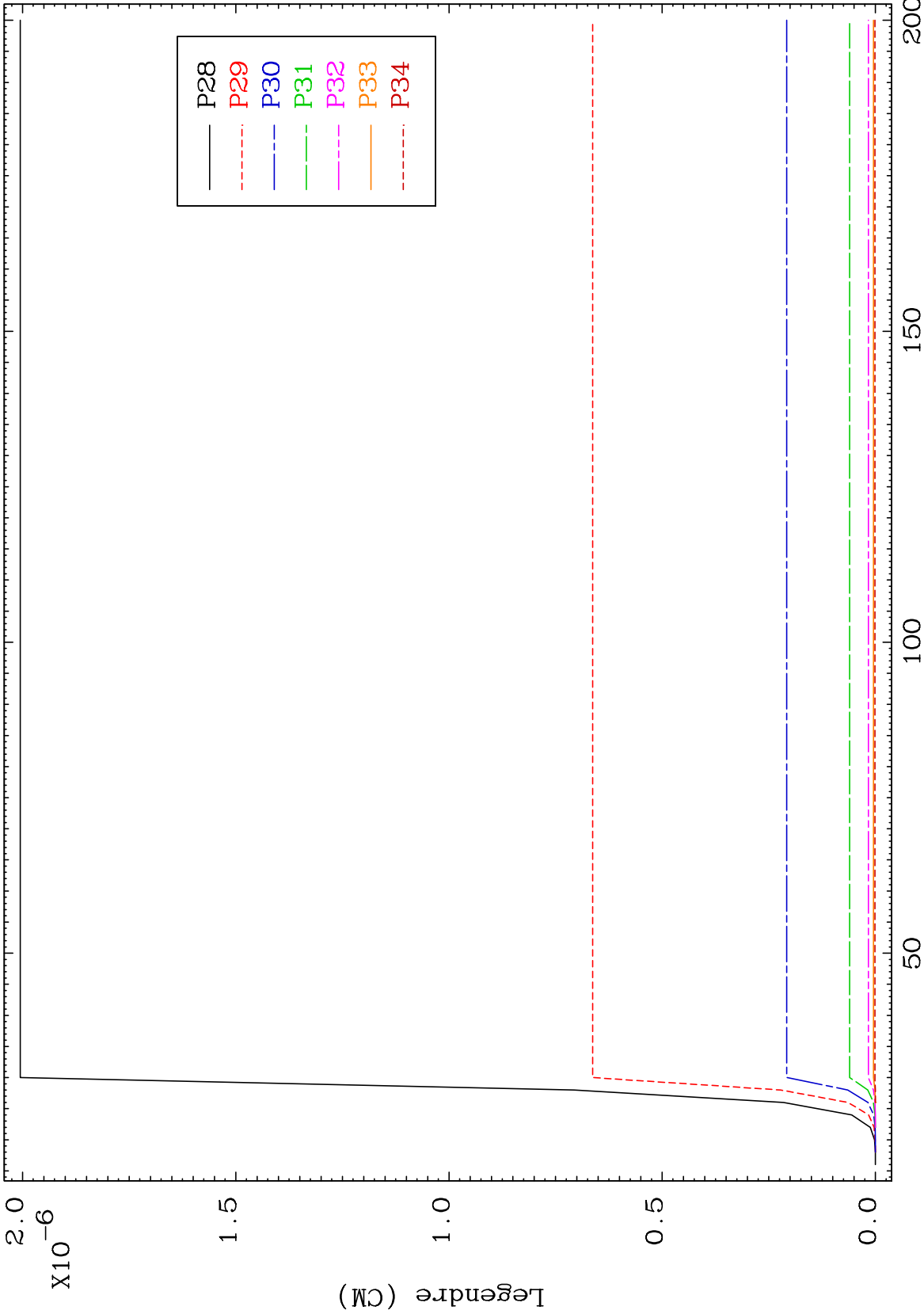
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132



20

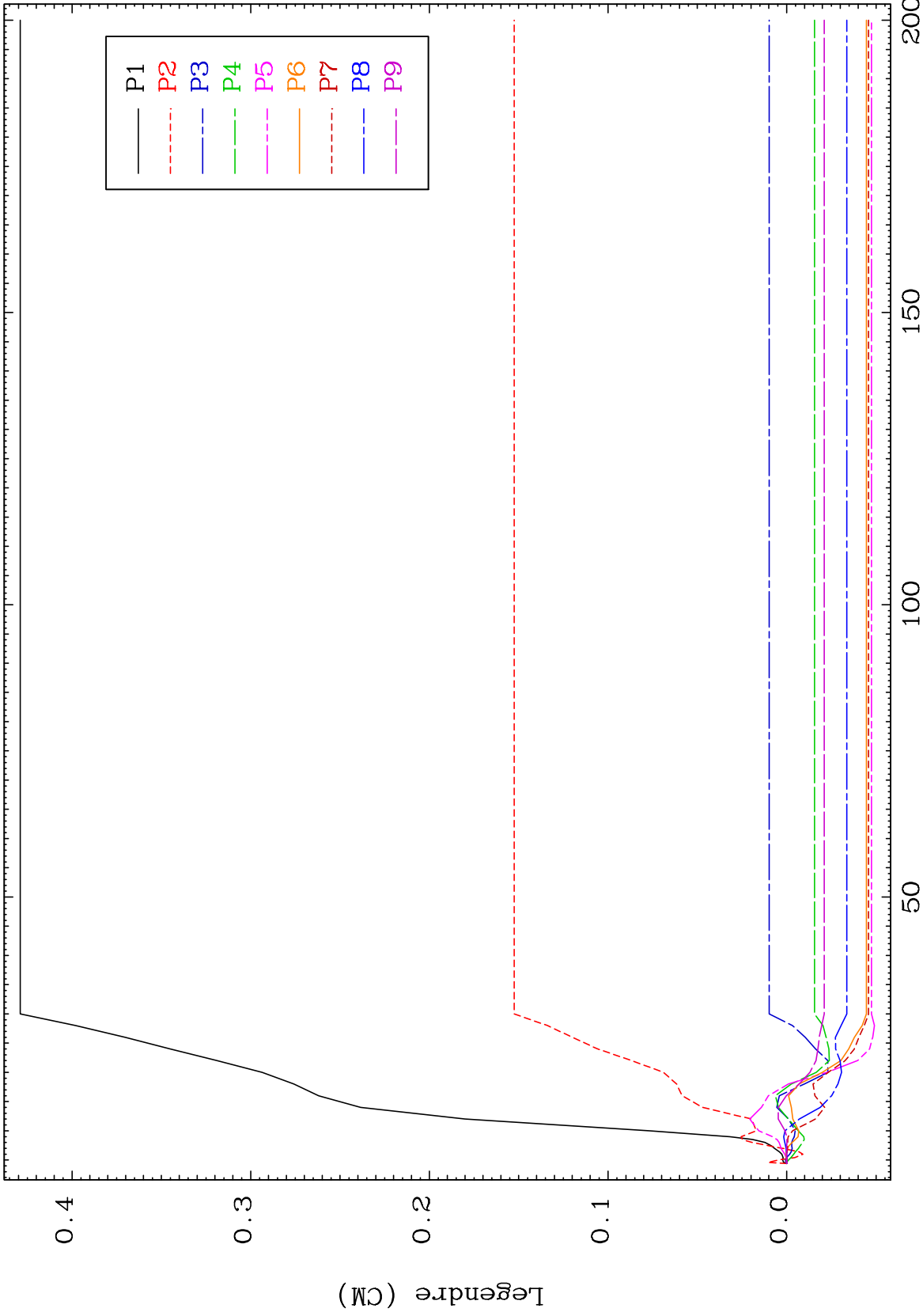
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132



21

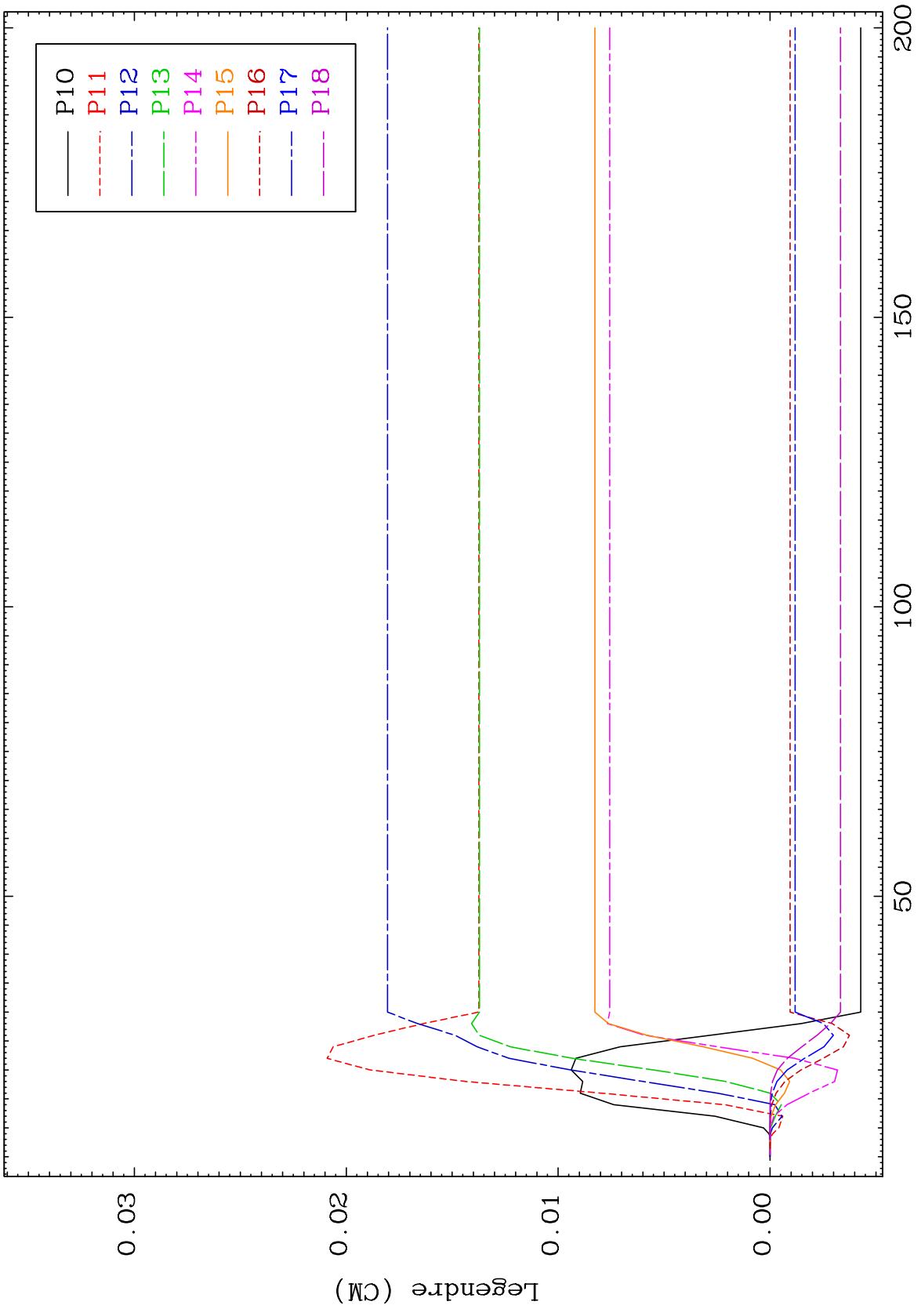
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132



22

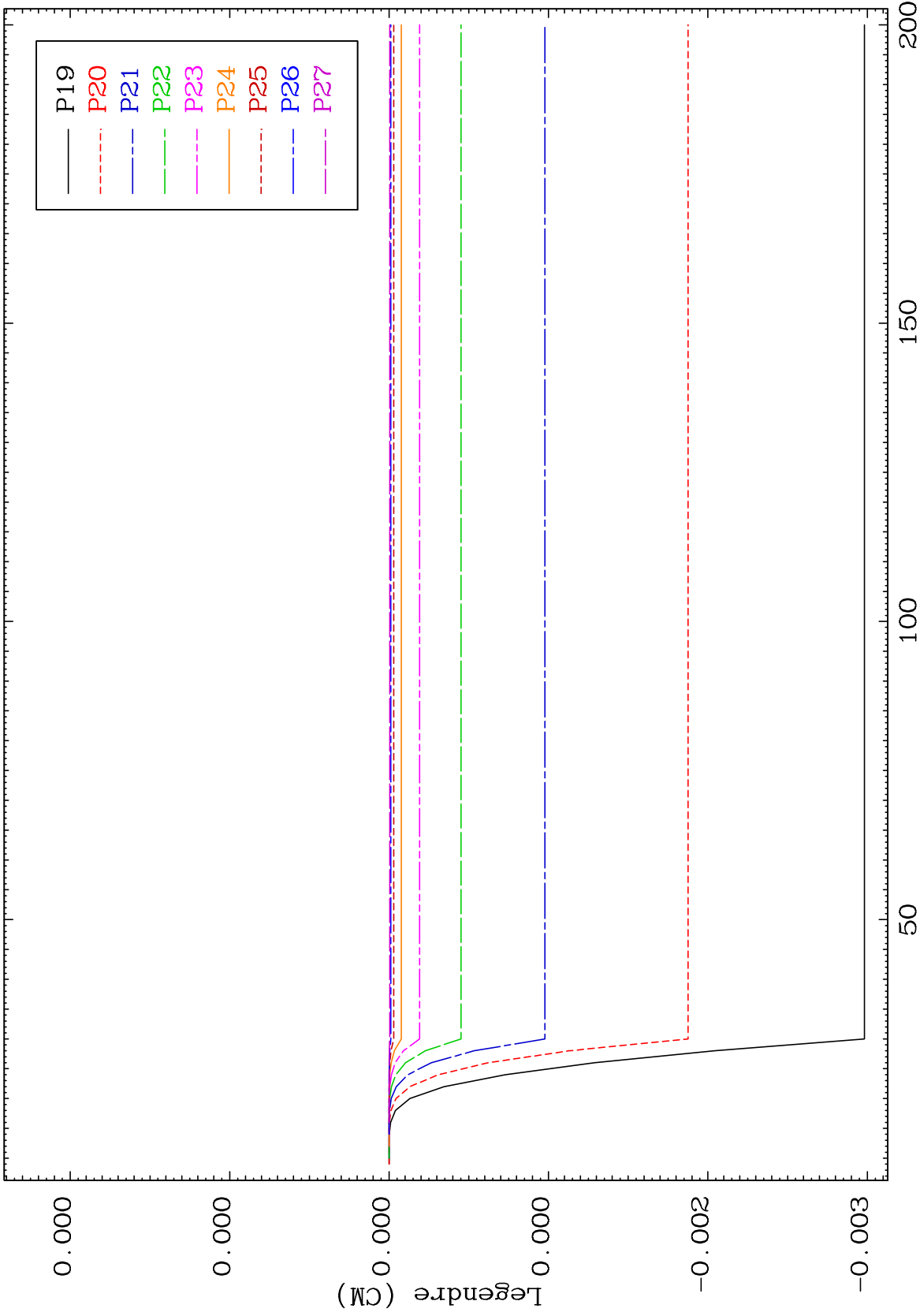
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132

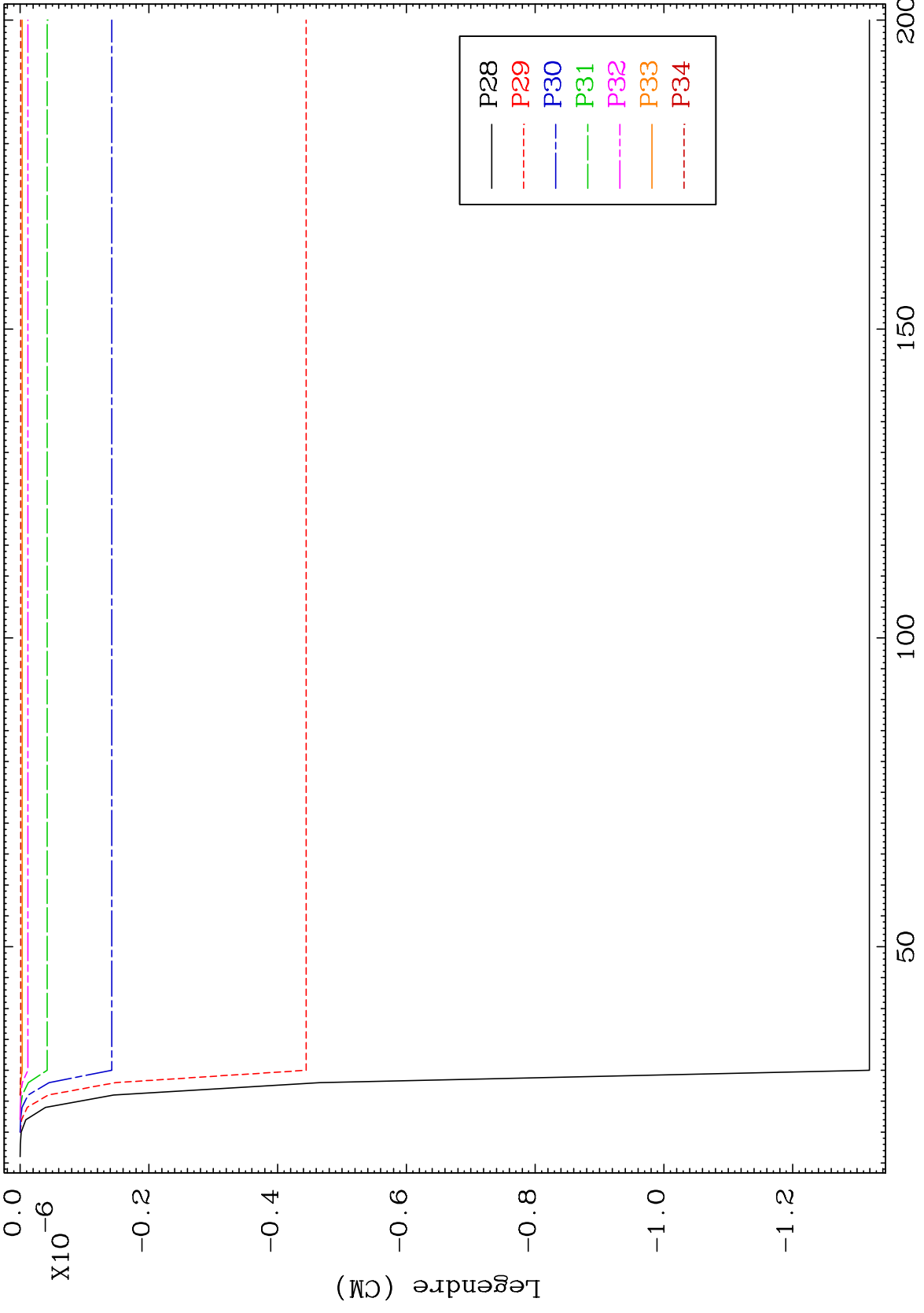


23

Incident Energy (MeV)

50-Sn-132

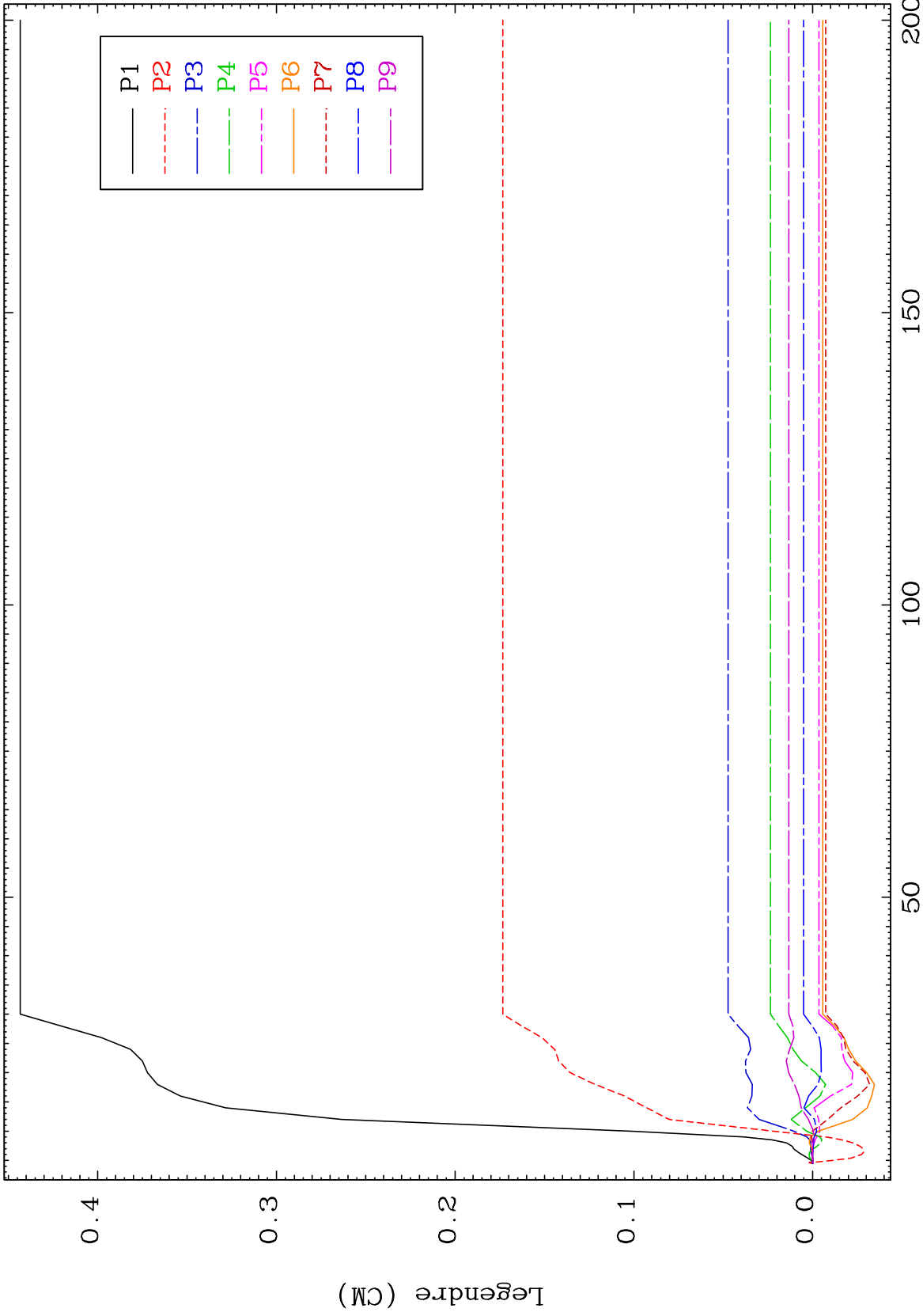
MAT 5085 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-132



MAT 5085

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

50-Sn-132



25

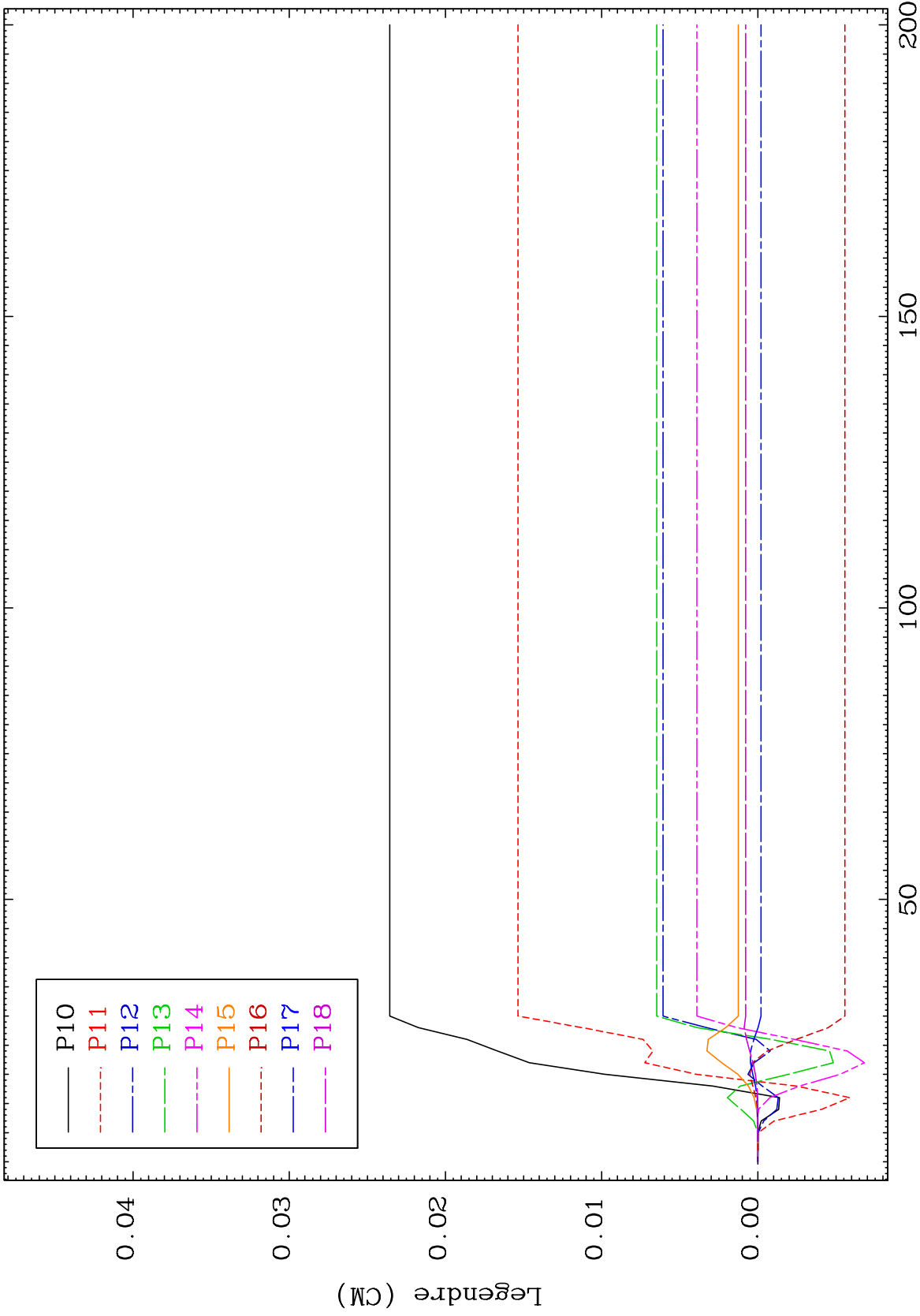
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132



26

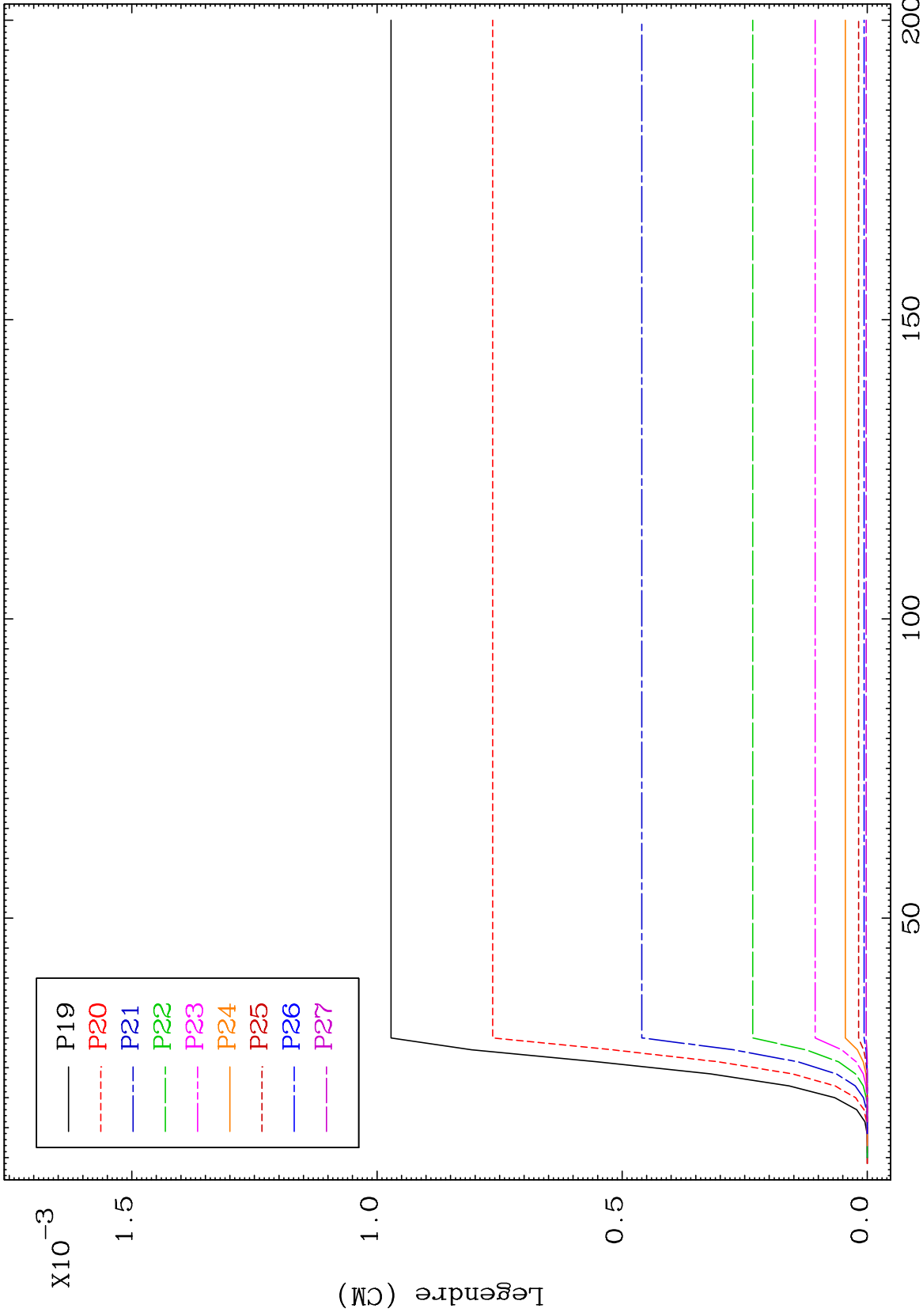
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132



27

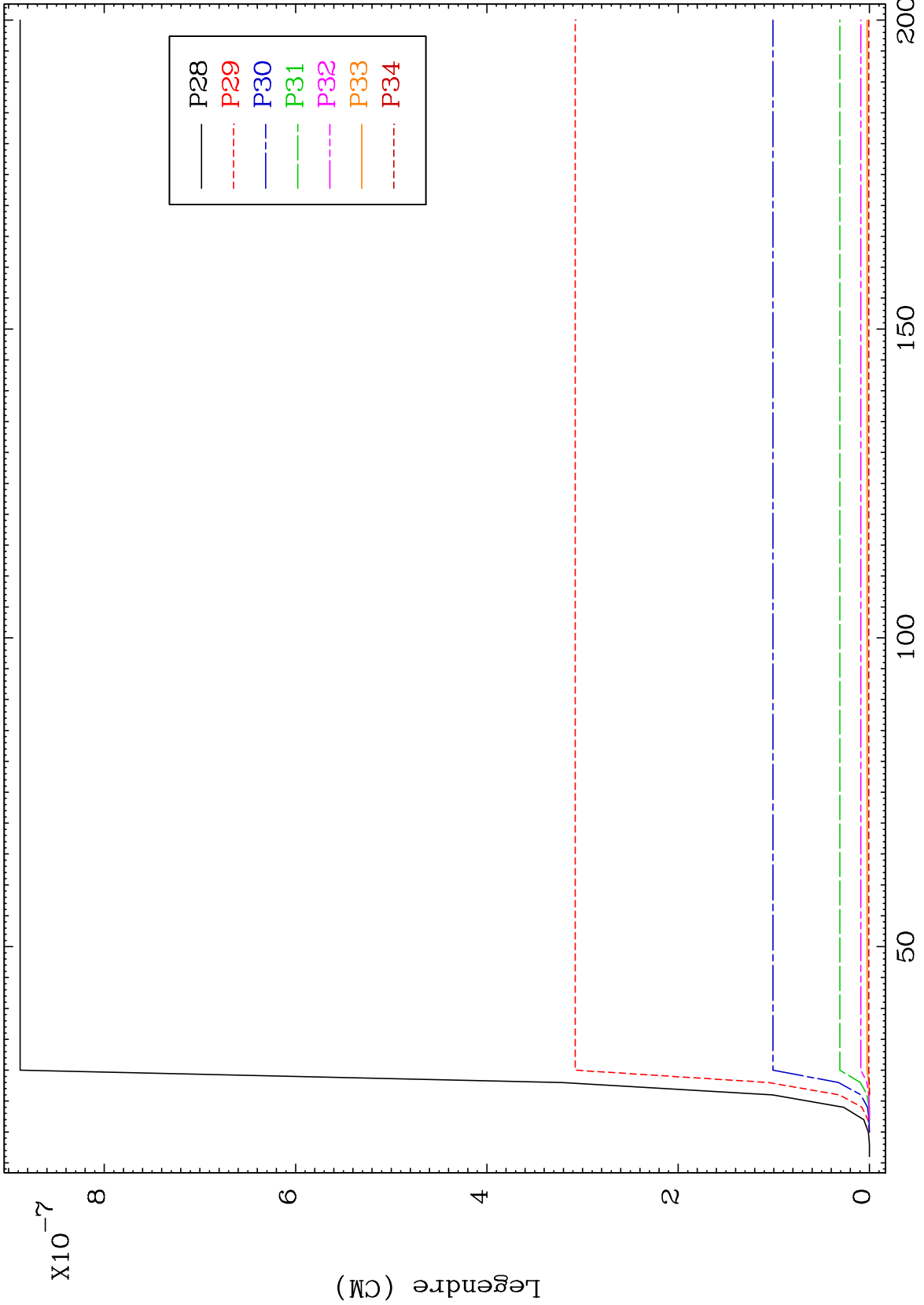
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132



28

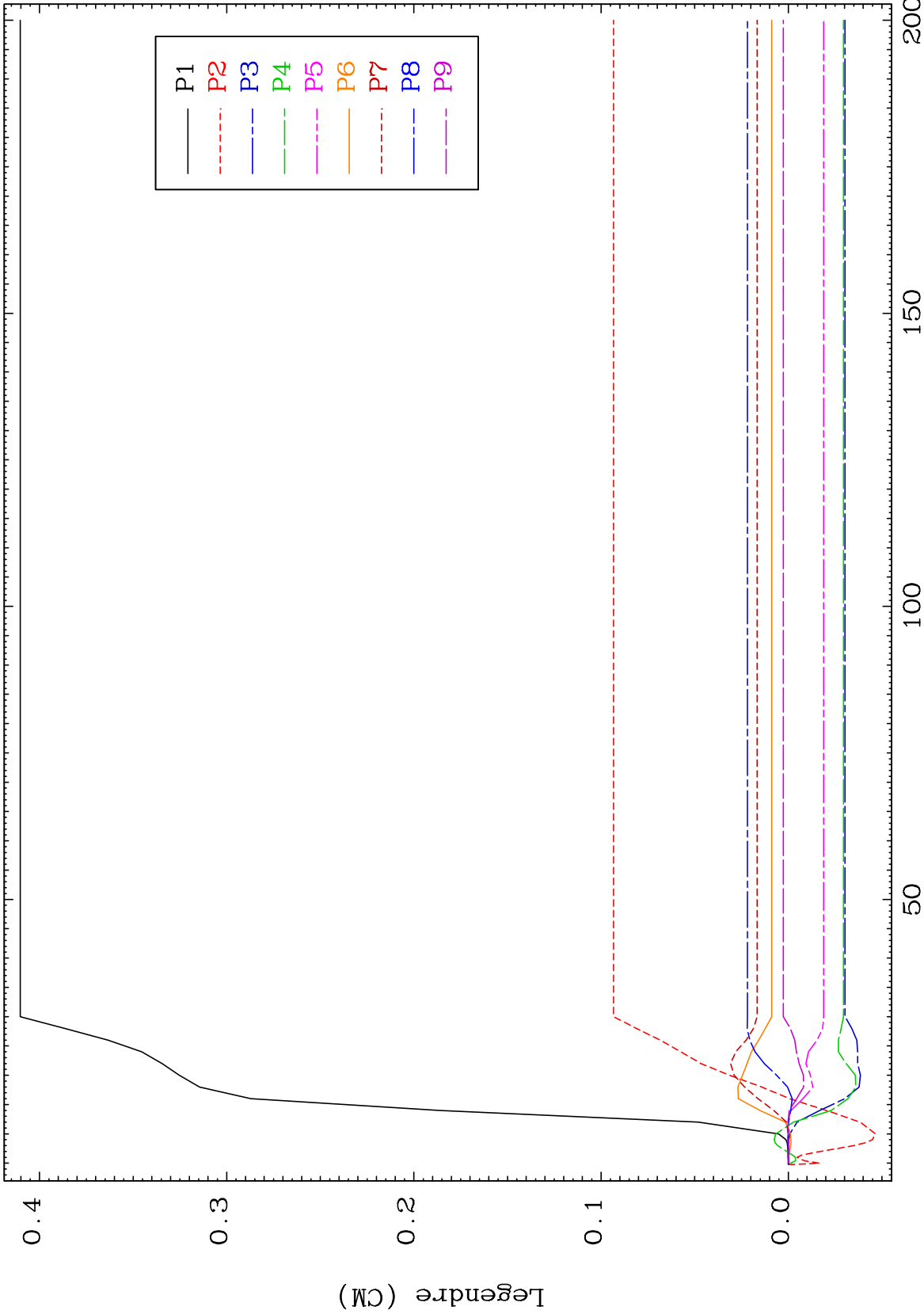
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132



29

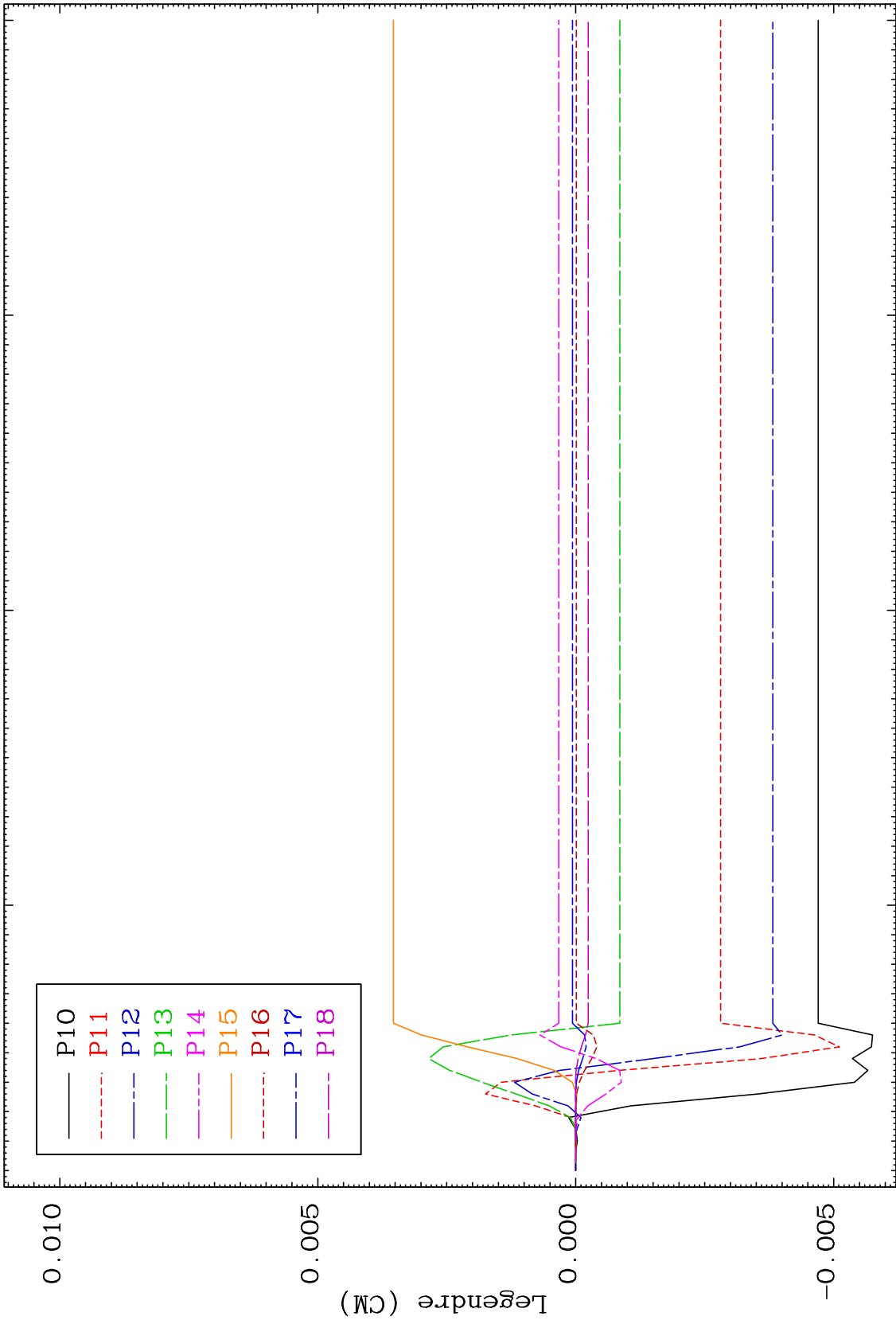
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132



30

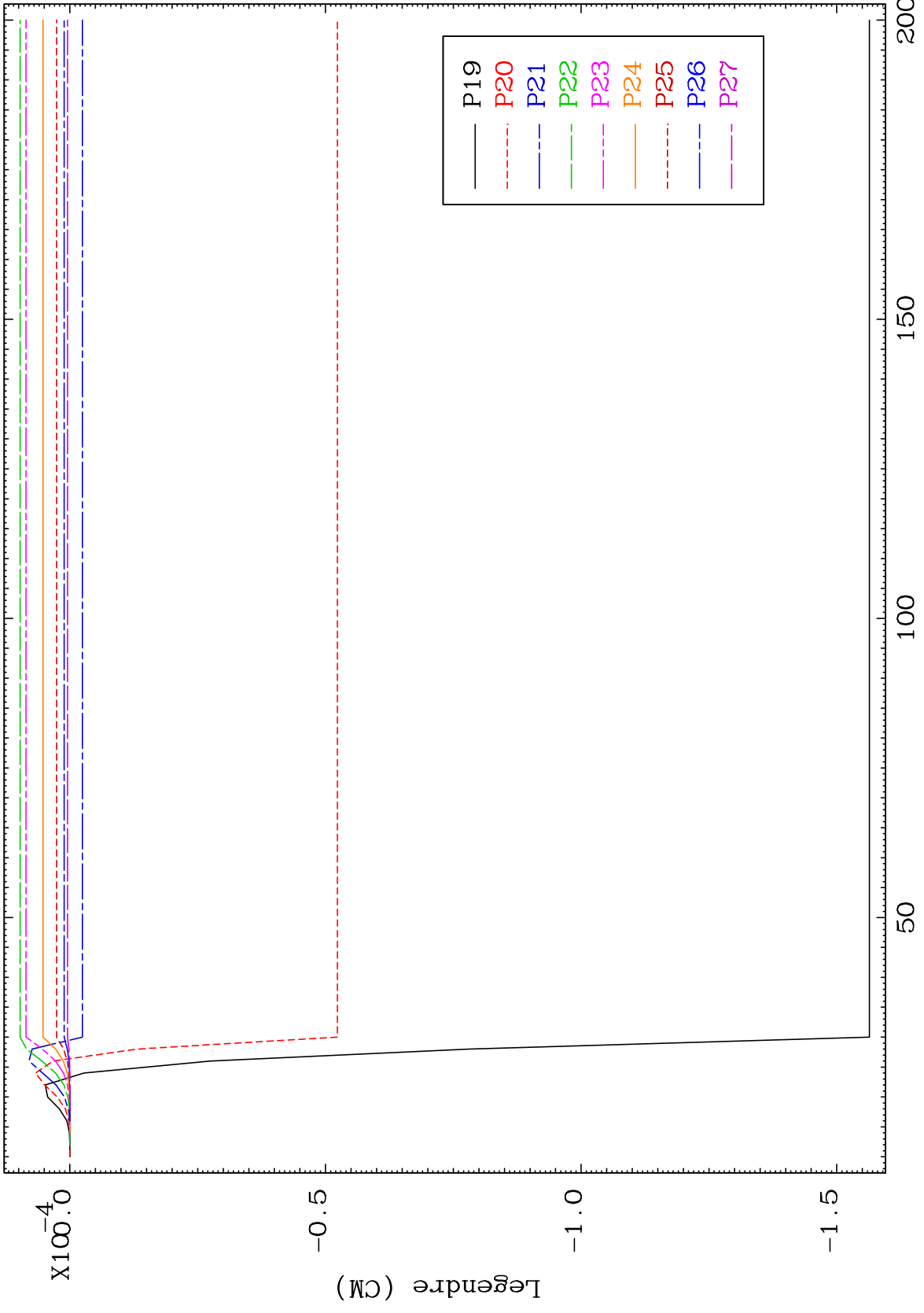
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132



50-Sn-132

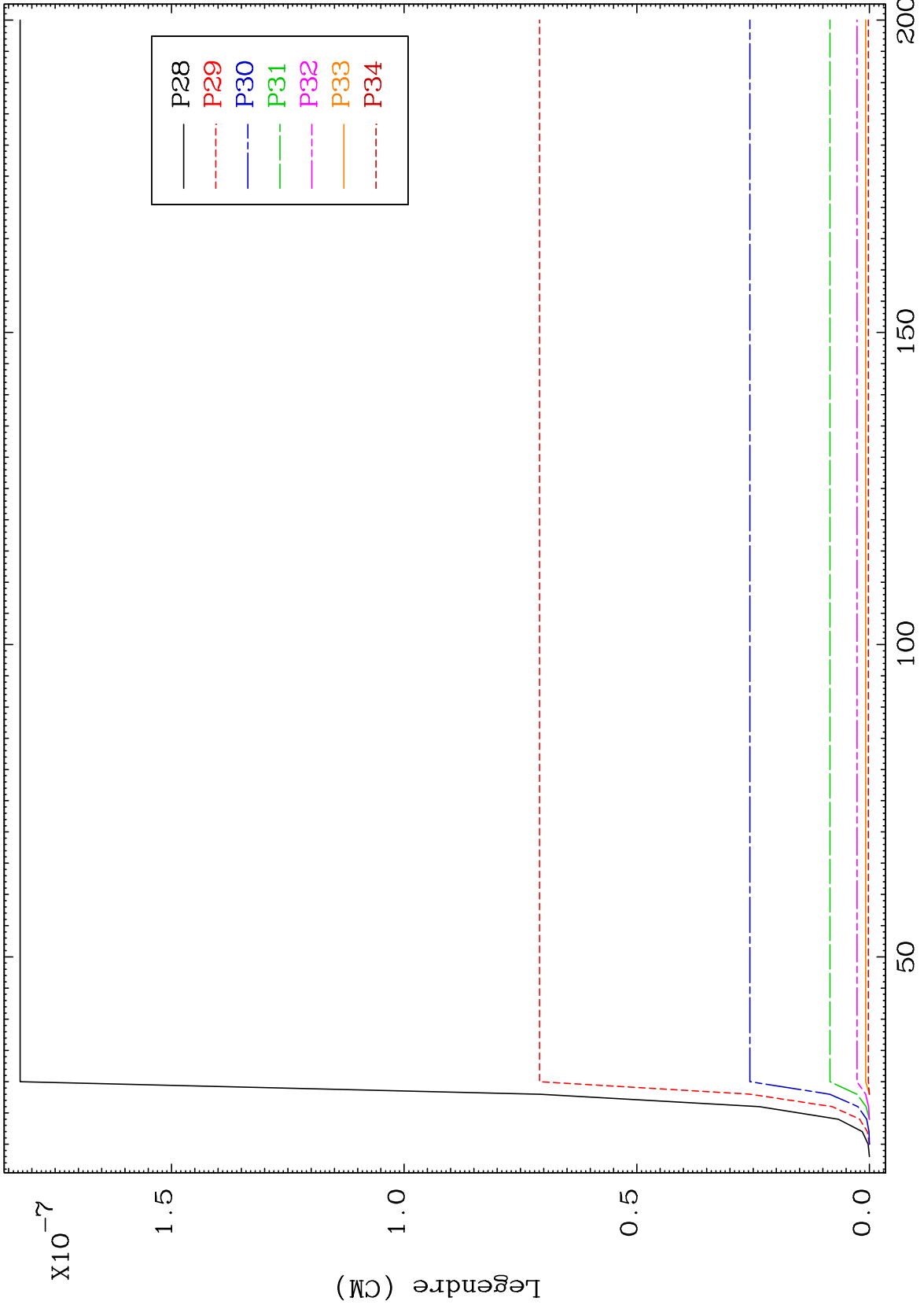
Incident Energy (MeV)

31

MAT 5085

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

50-Sn-132

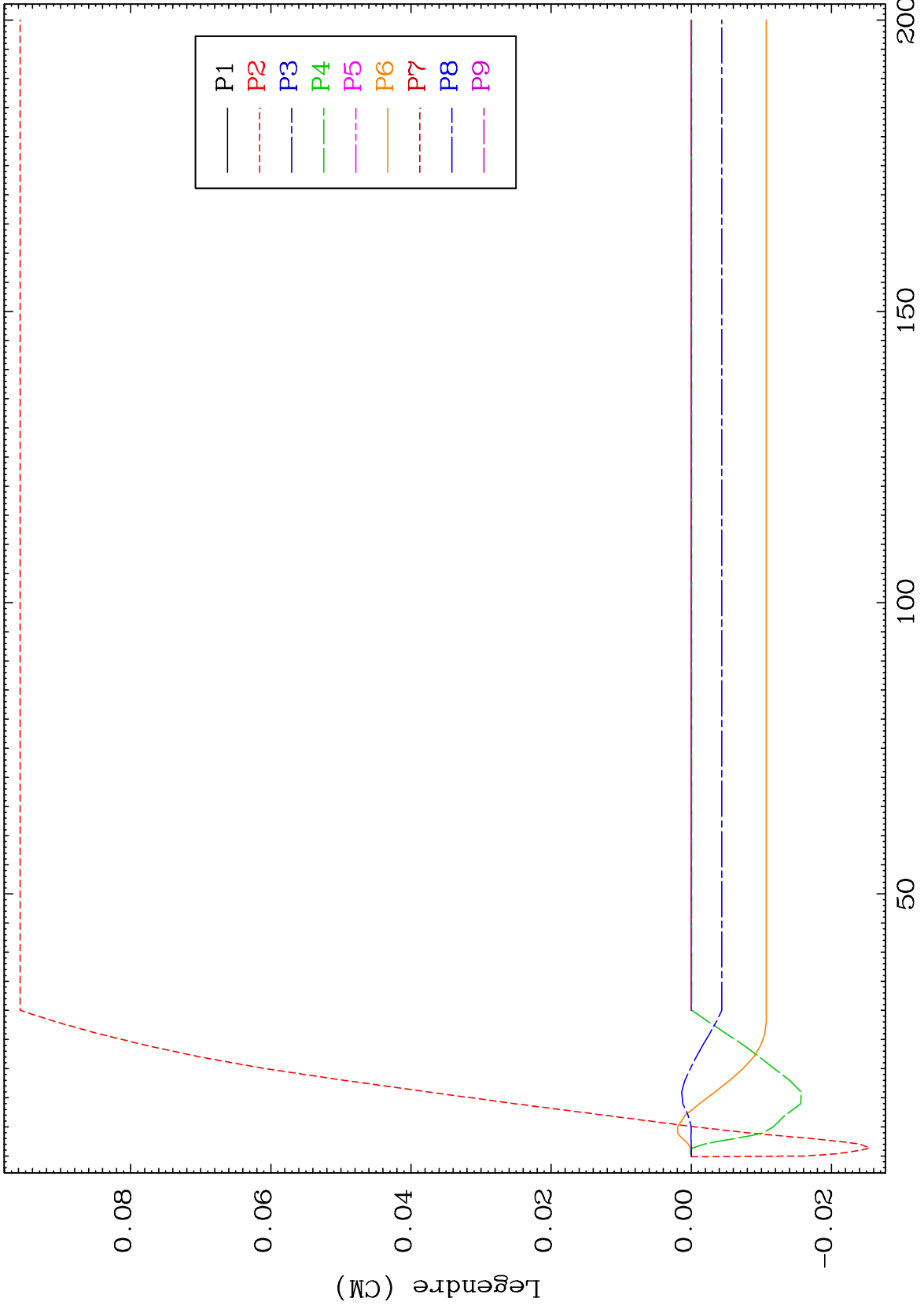


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Incident Energy (MeV)

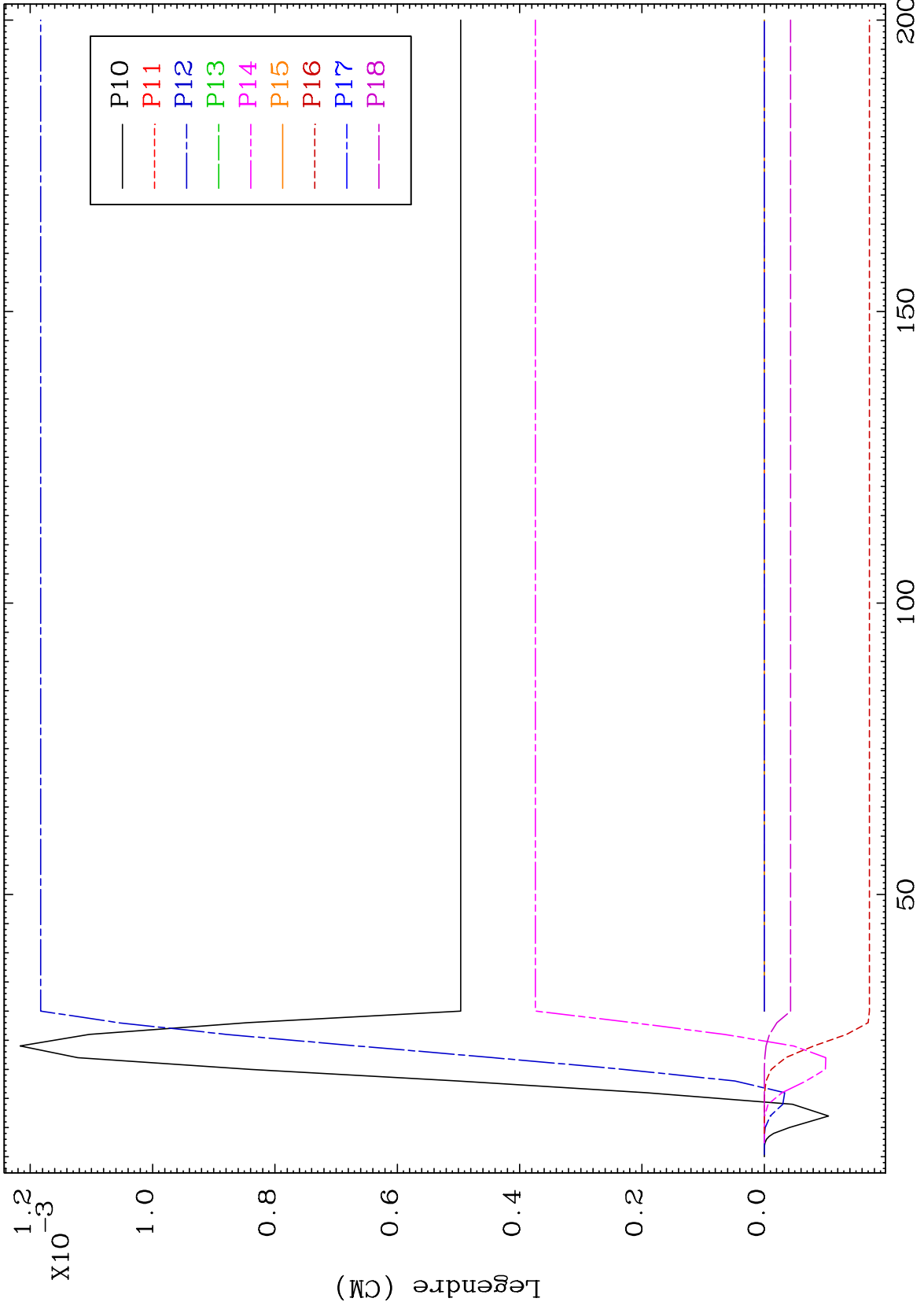
50-Sn-132

MAT 5085 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-132

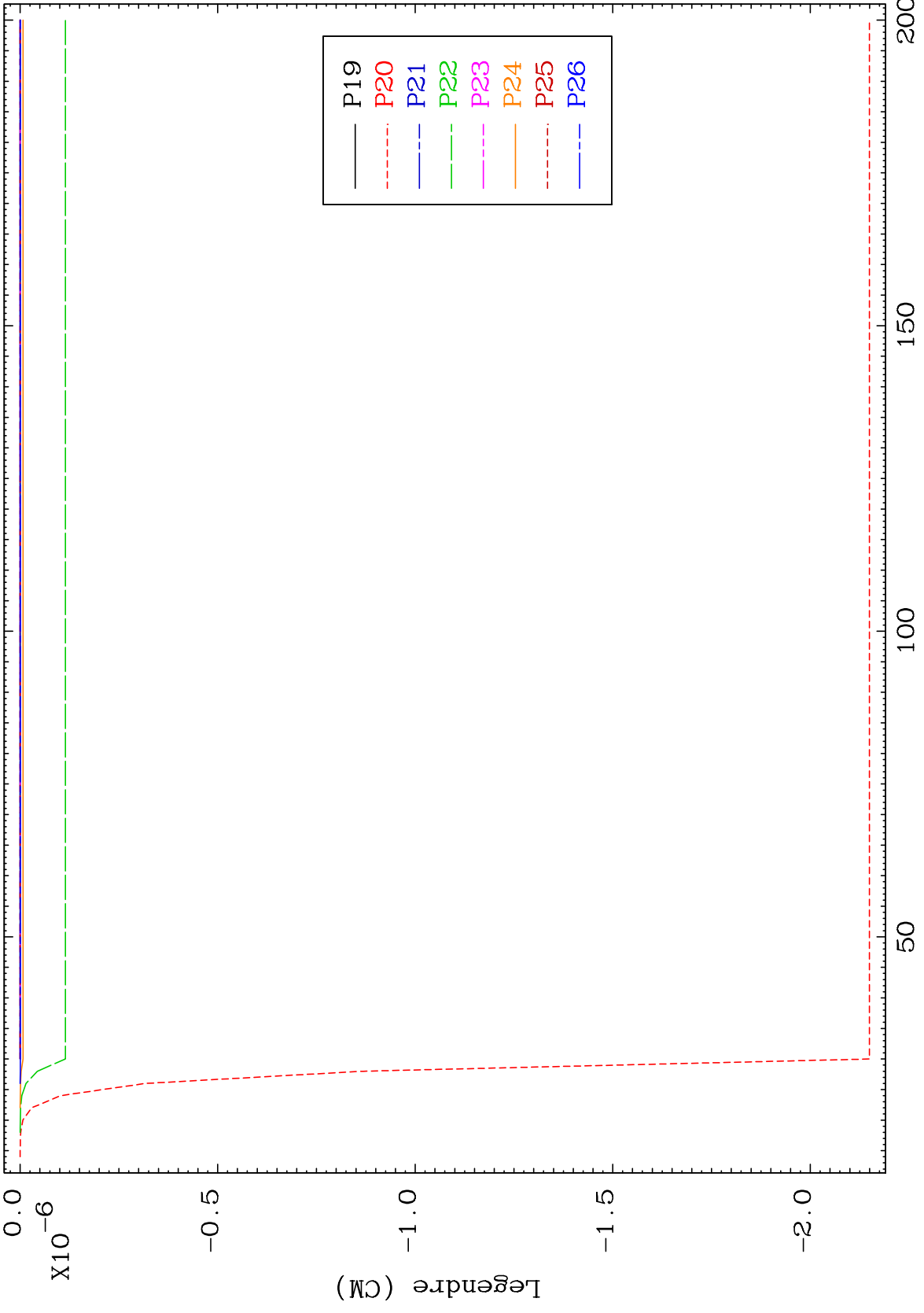


33 50-Sn-132

MAT 5085 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-132



MAT 5085 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-132

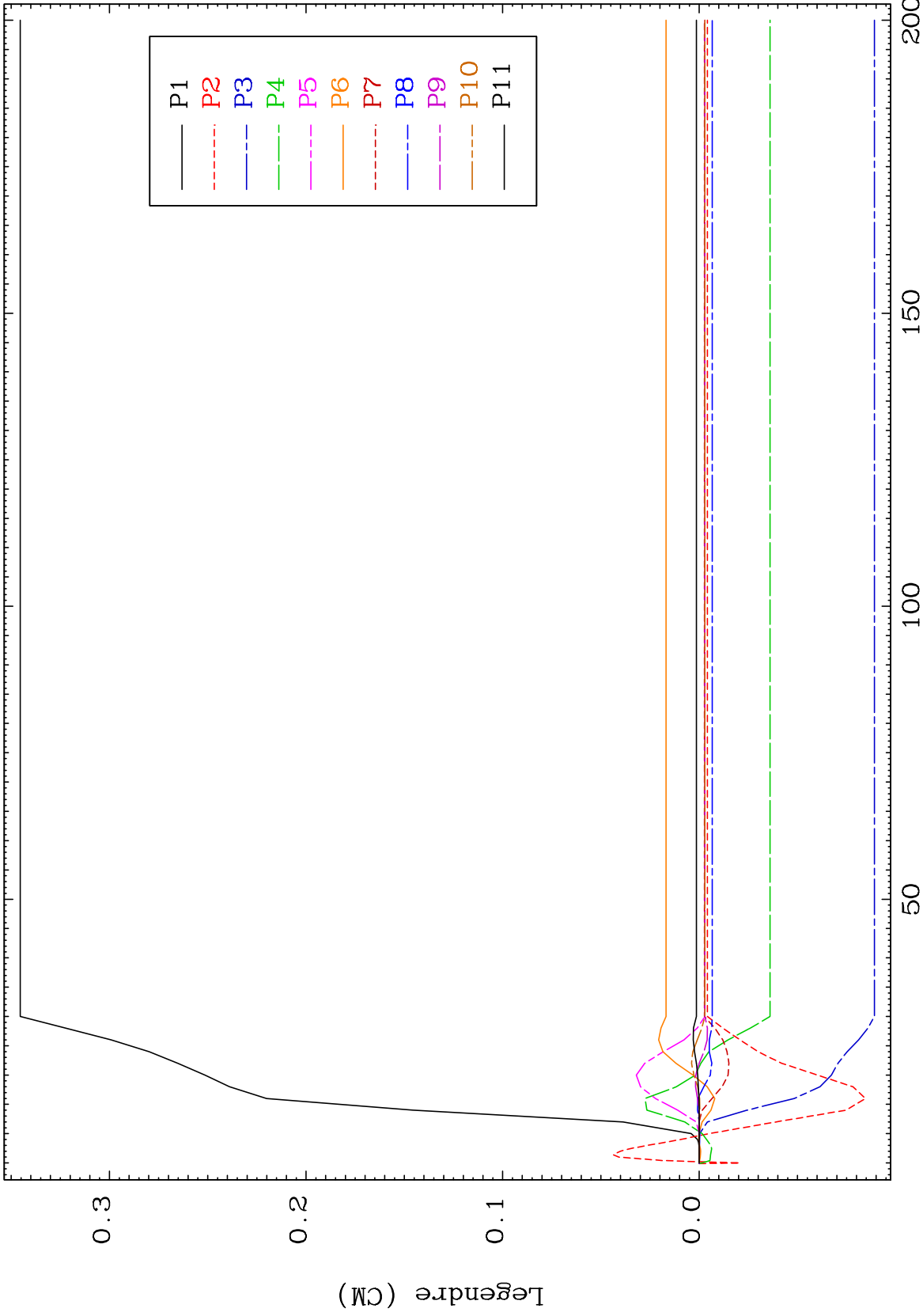


35 Incident Energy (MeV) 50-Sn-132

MAT 5085

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

50-Sn-132



36

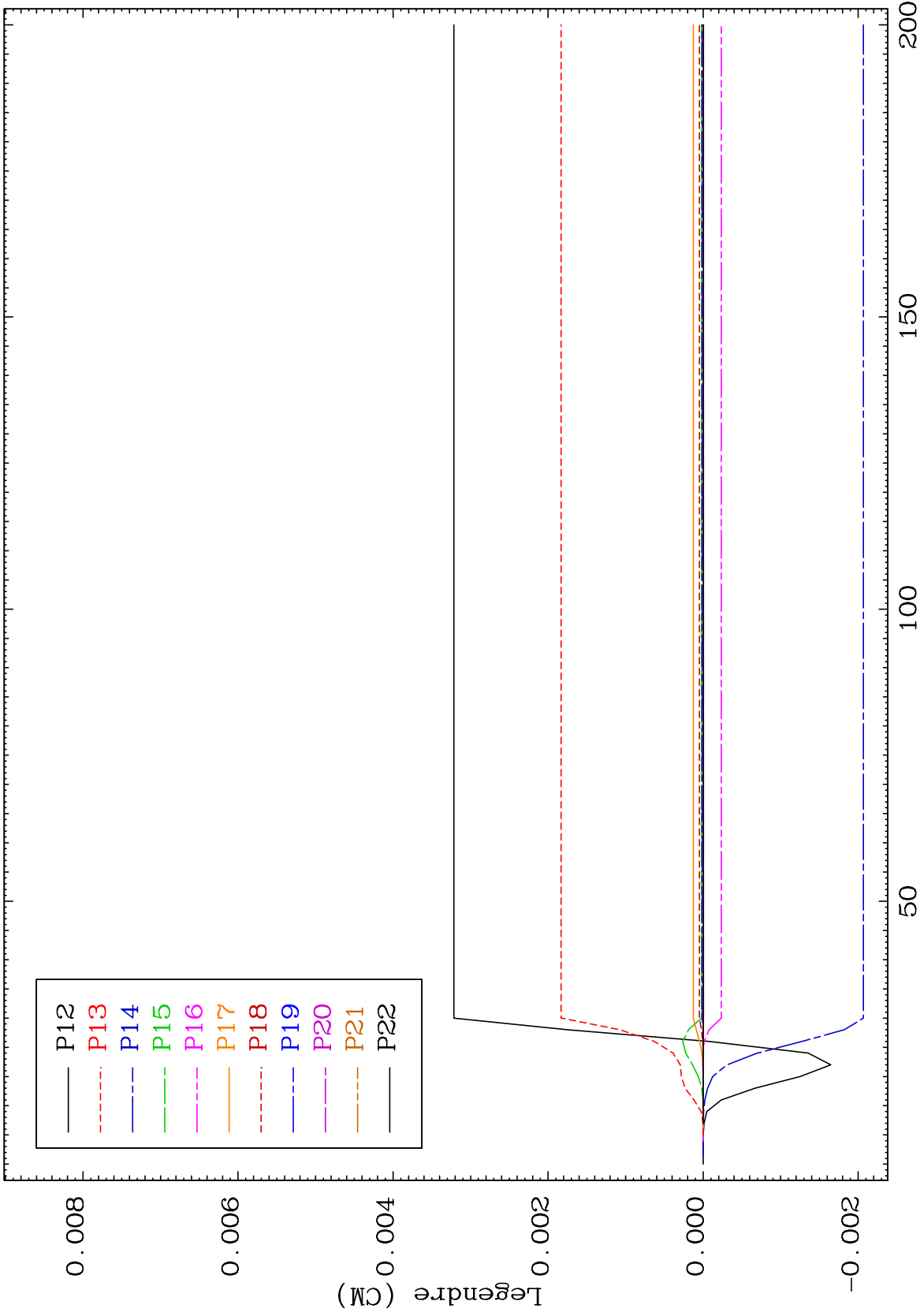
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132

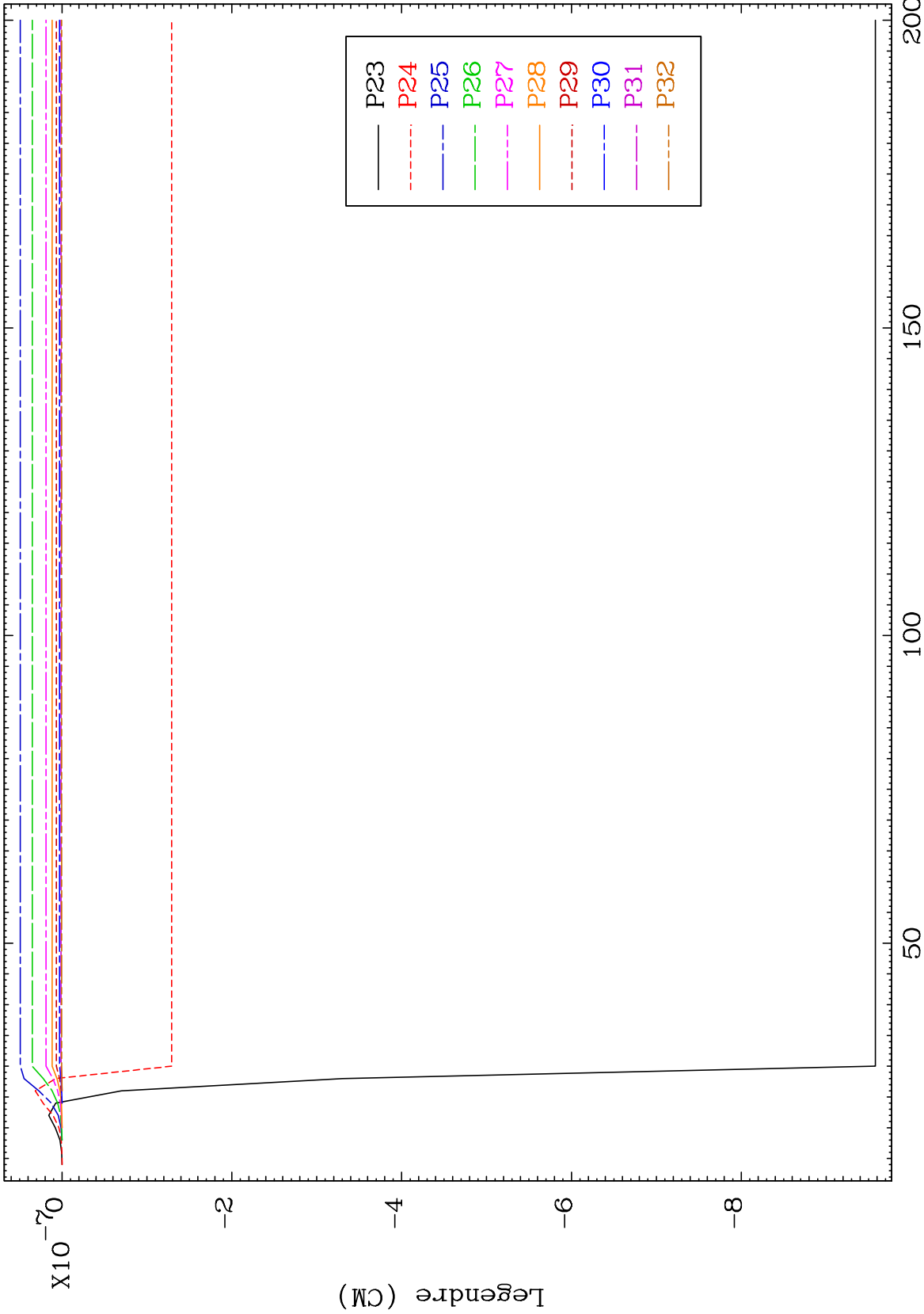


37

Incident Energy (MeV)

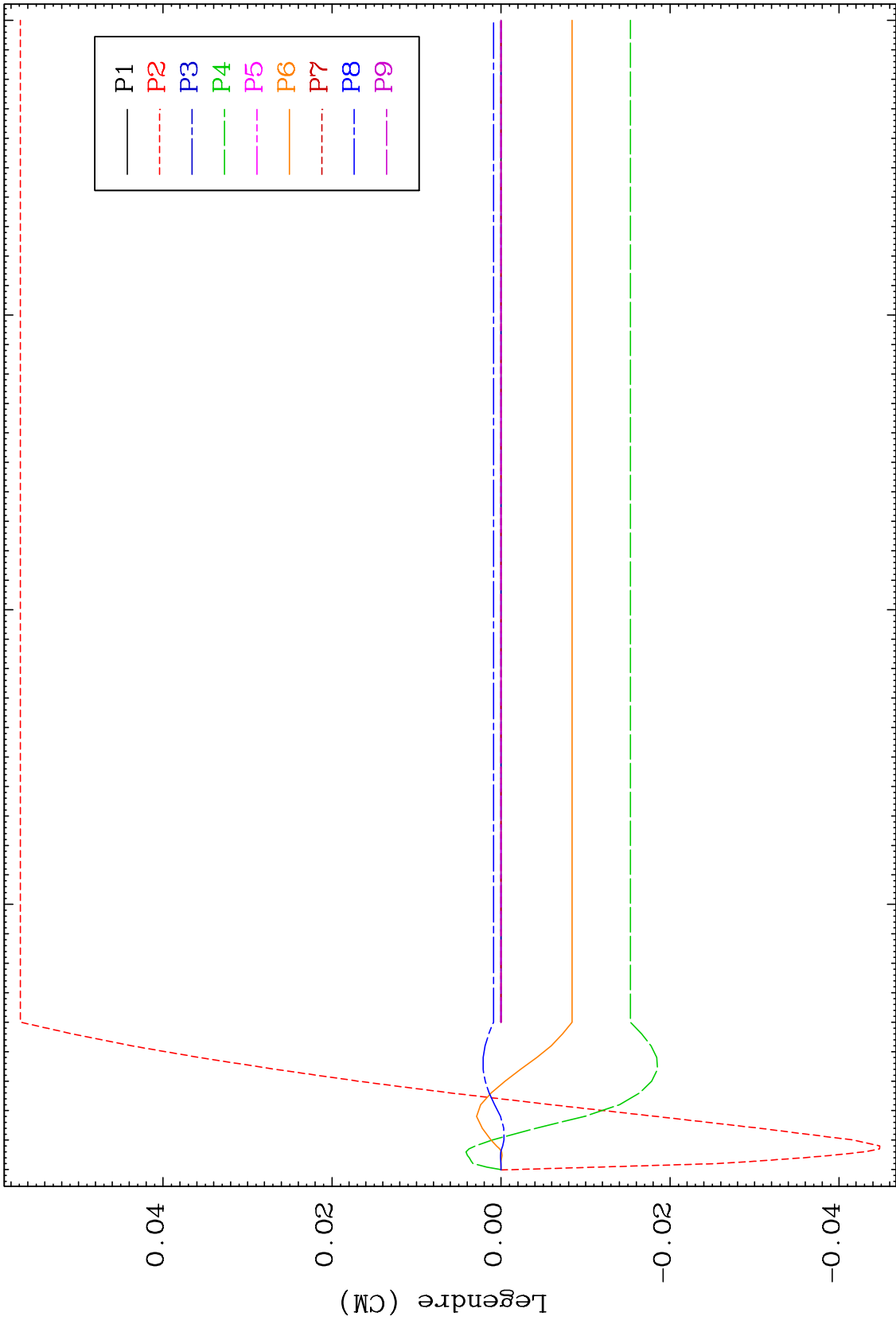
50-Sn-132

MAT 5085 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-132



38 50-Sn-132

MAT 5085 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-132

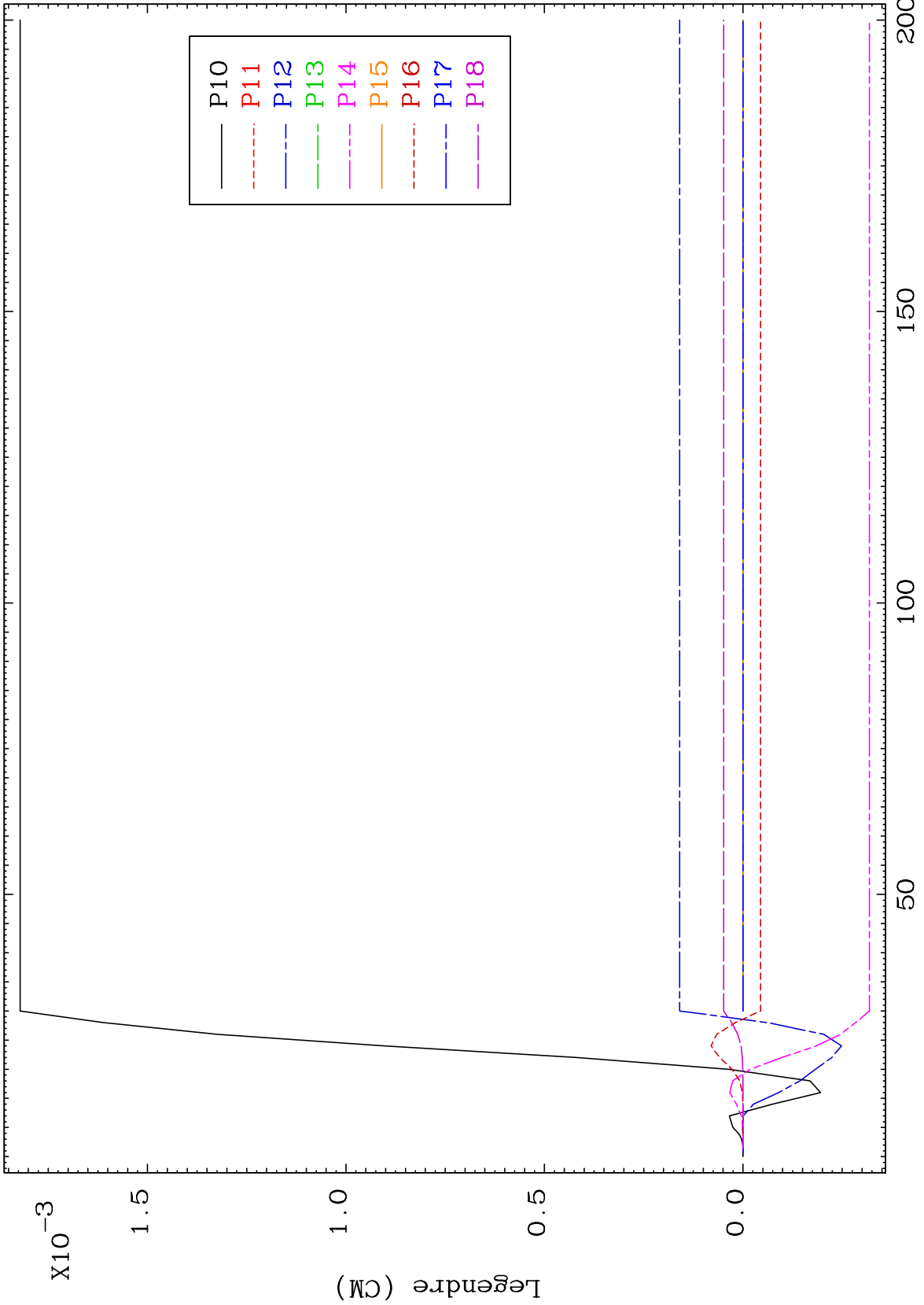


39 Incident Energy (MeV) 50-Sn-132

MAT 5085

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

50-Sn-132



40

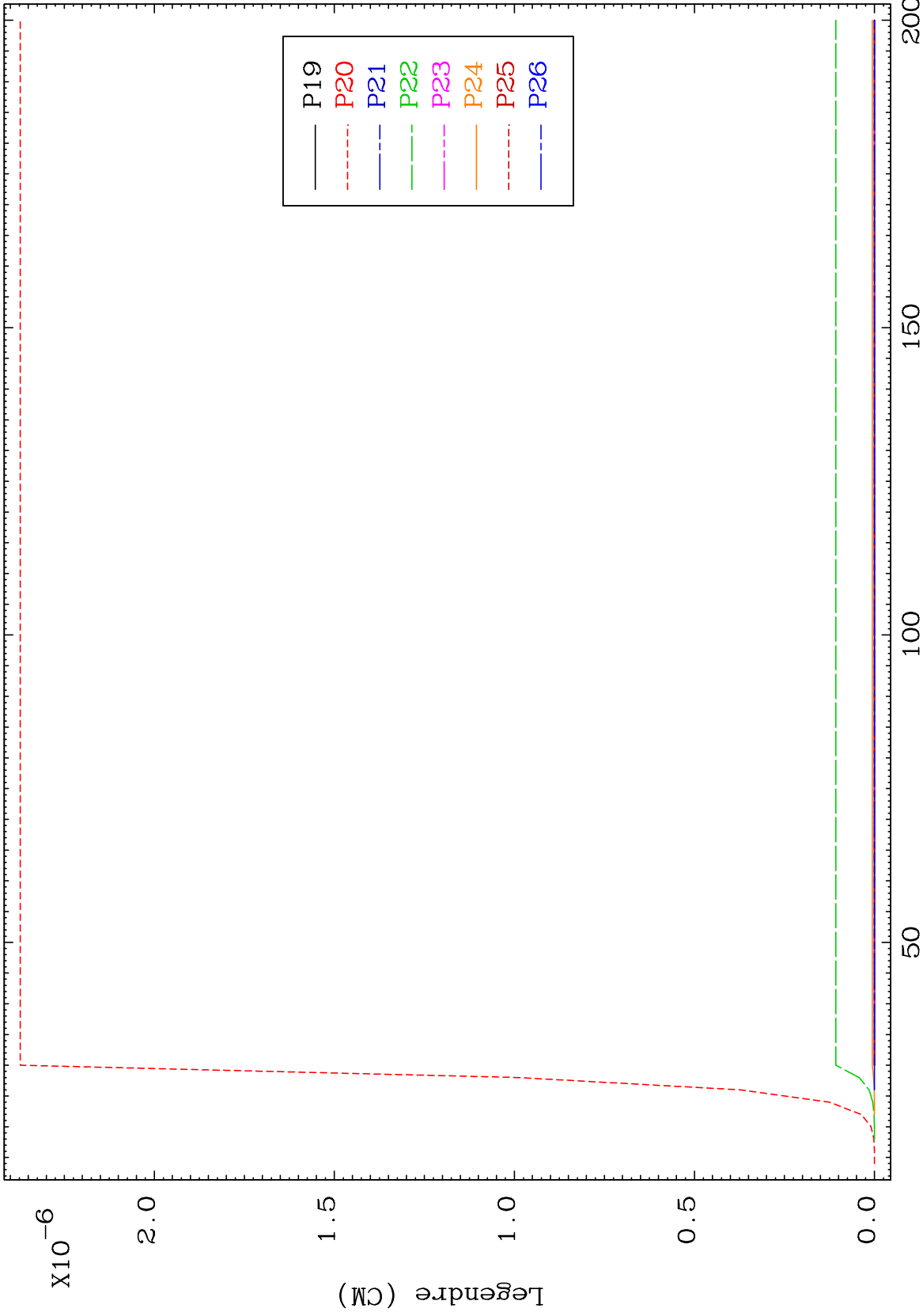
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132



41

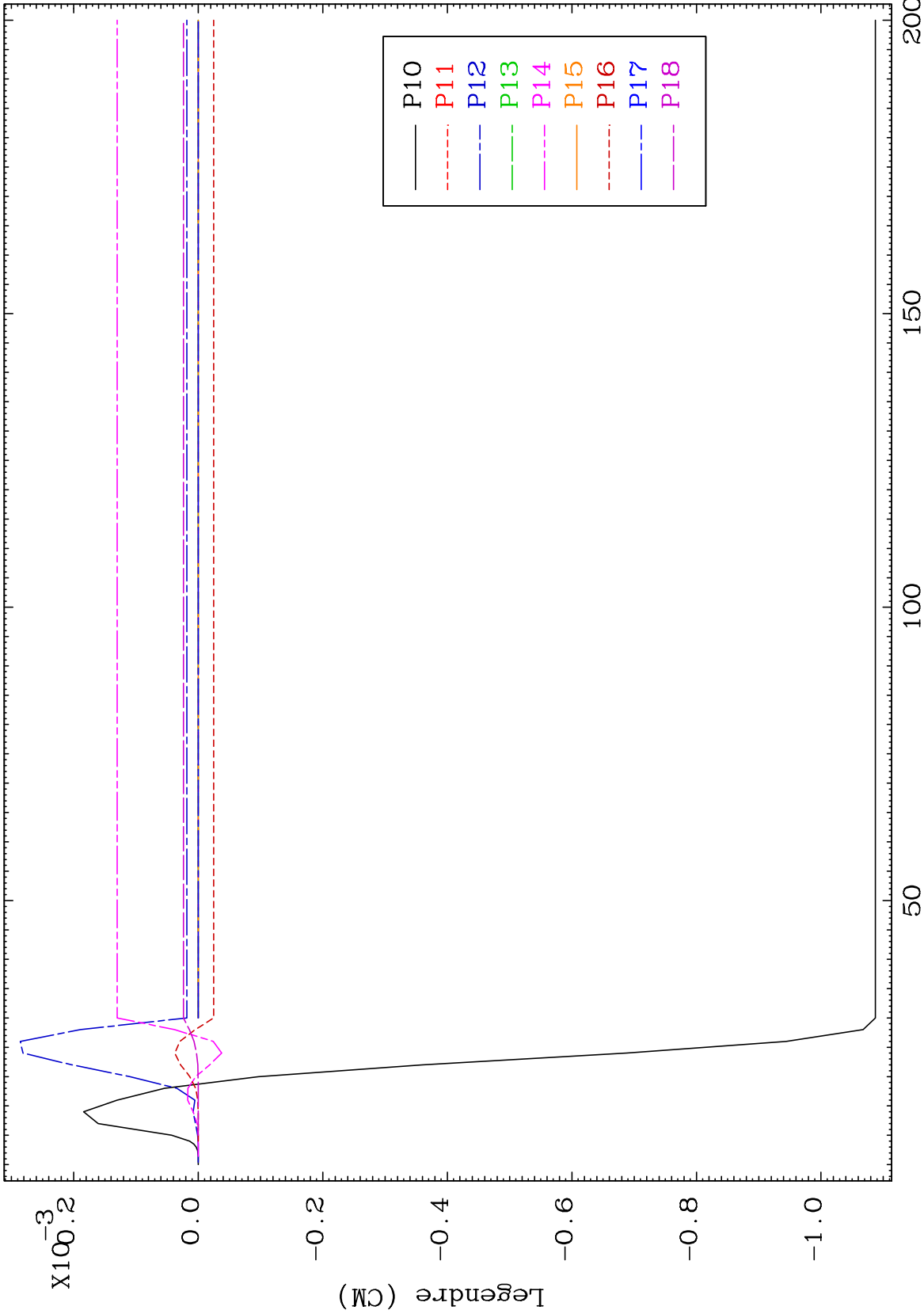
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

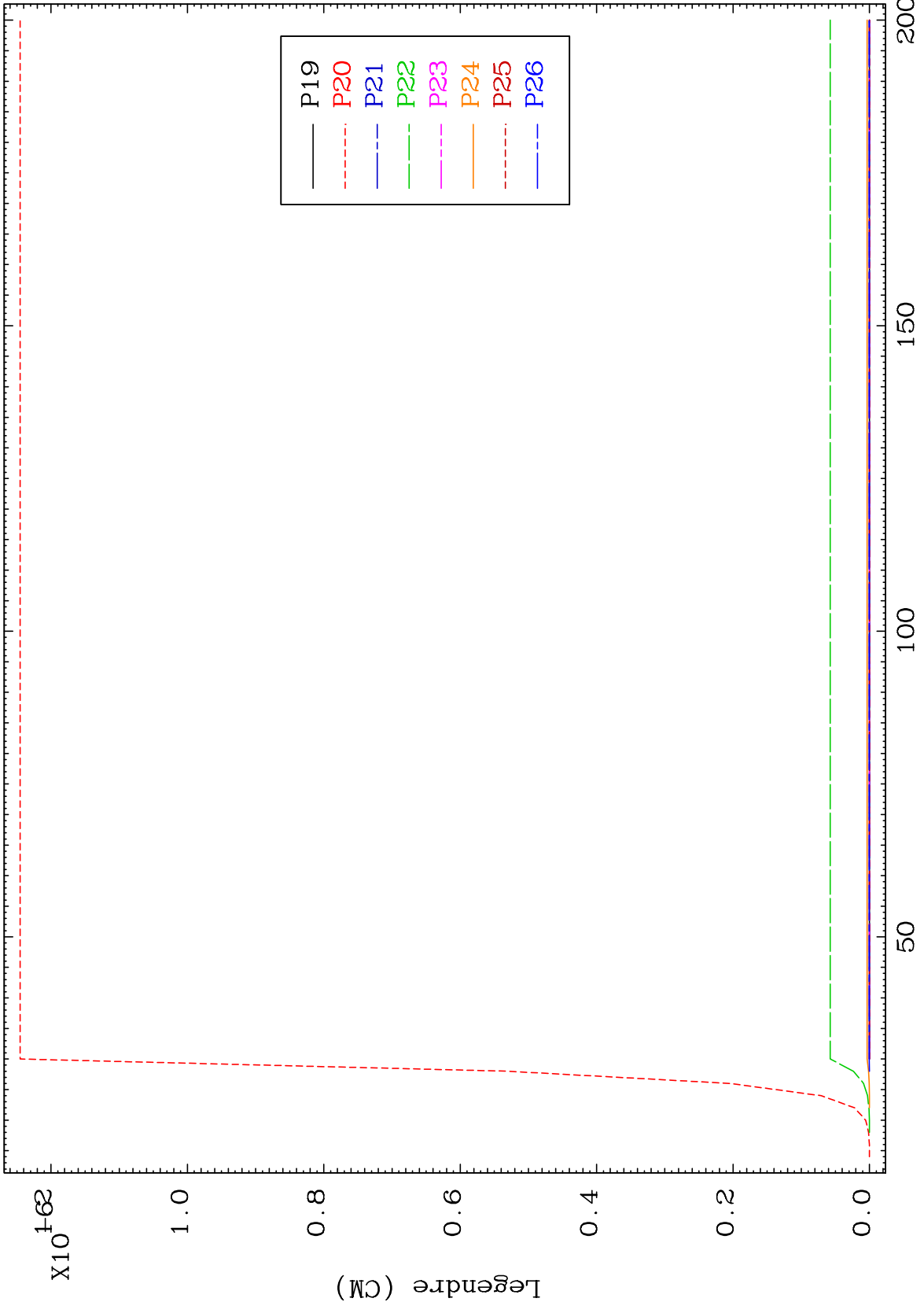
50-Sn-132



43

50-Sn-132

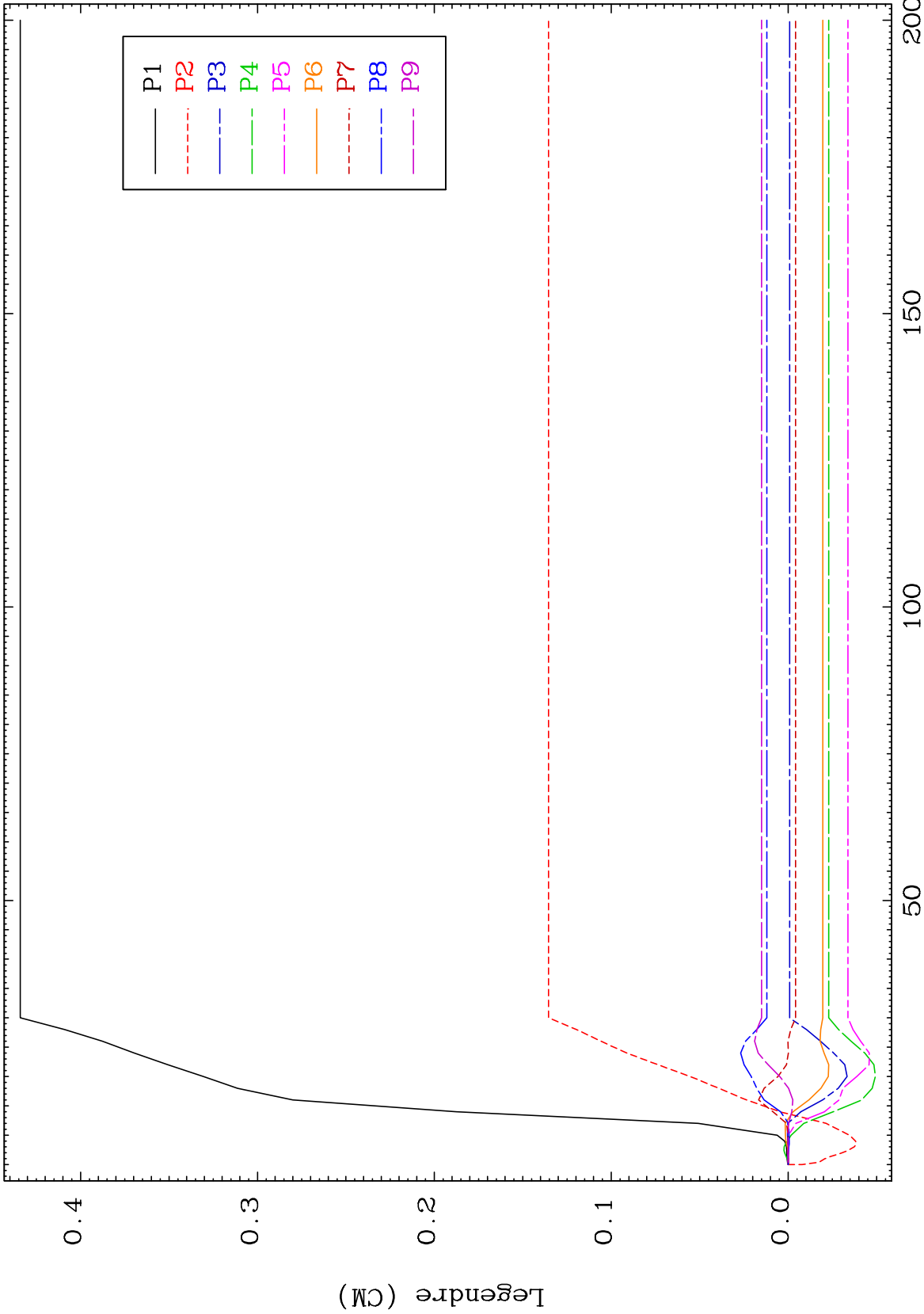
MAT 5085 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-132



MAT 5085

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

50-Sn-132

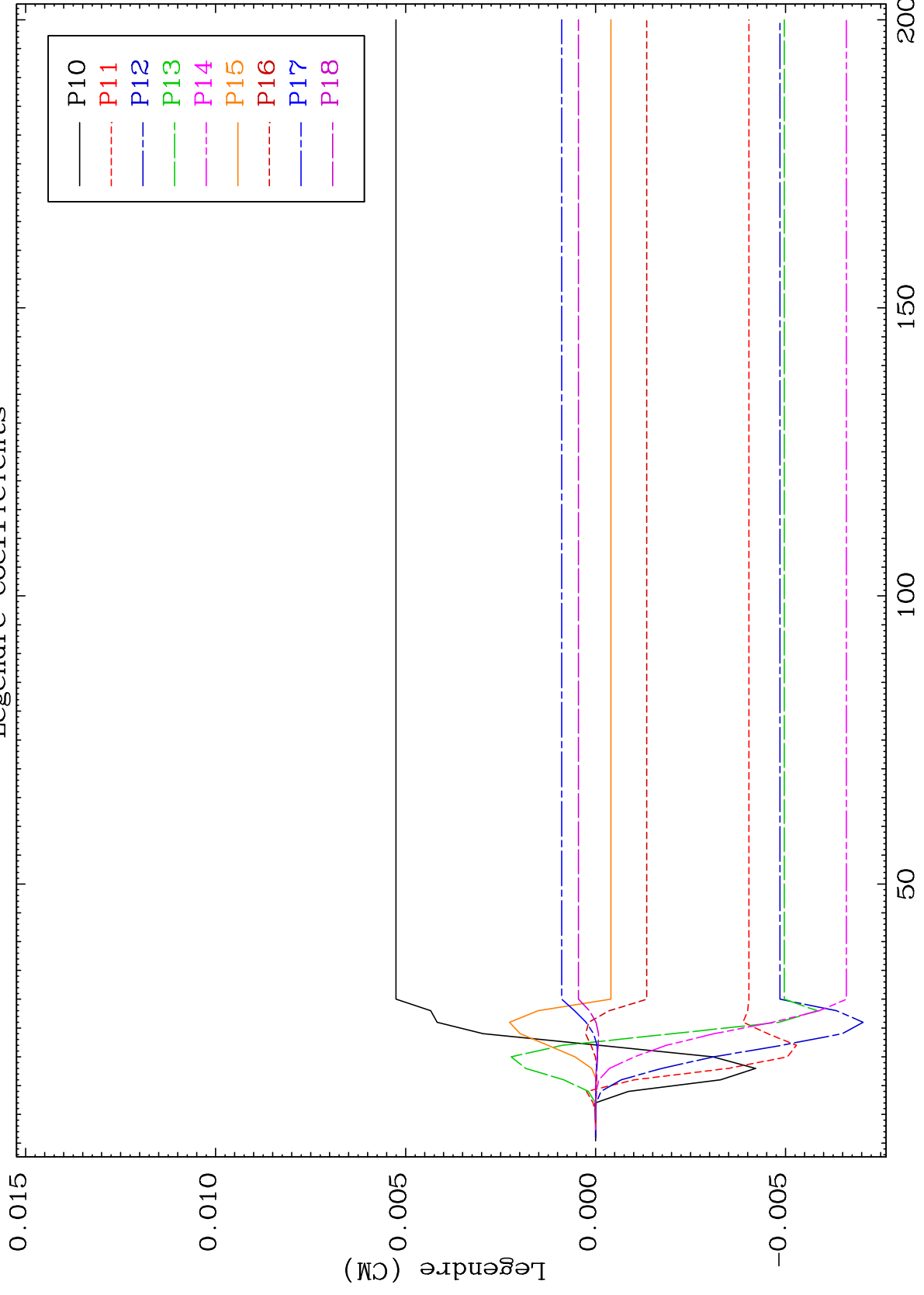


45

Incident Energy (MeV)

50-Sn-132

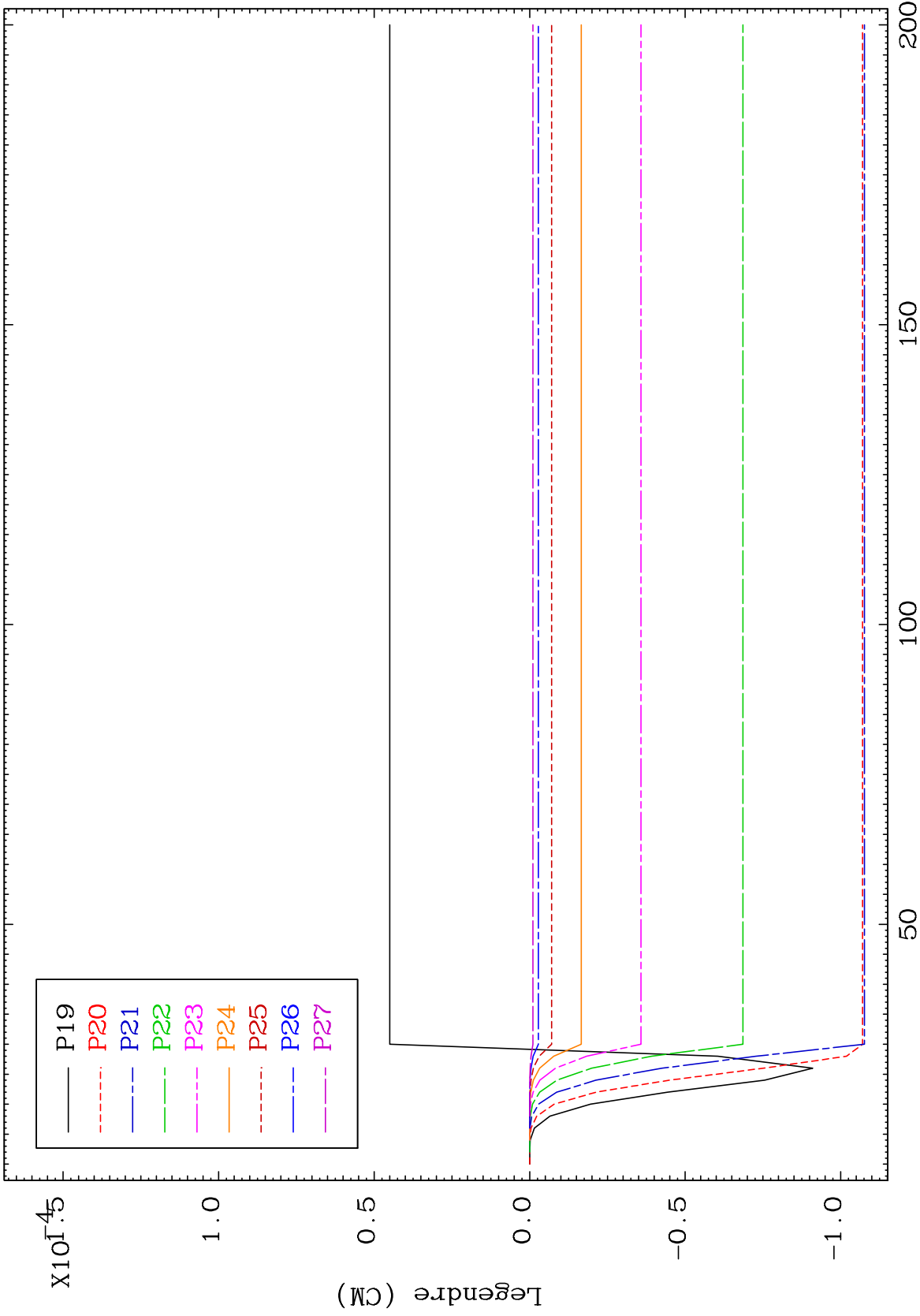
MAT 5085 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-132



MAT 5085

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

50-Sn-132

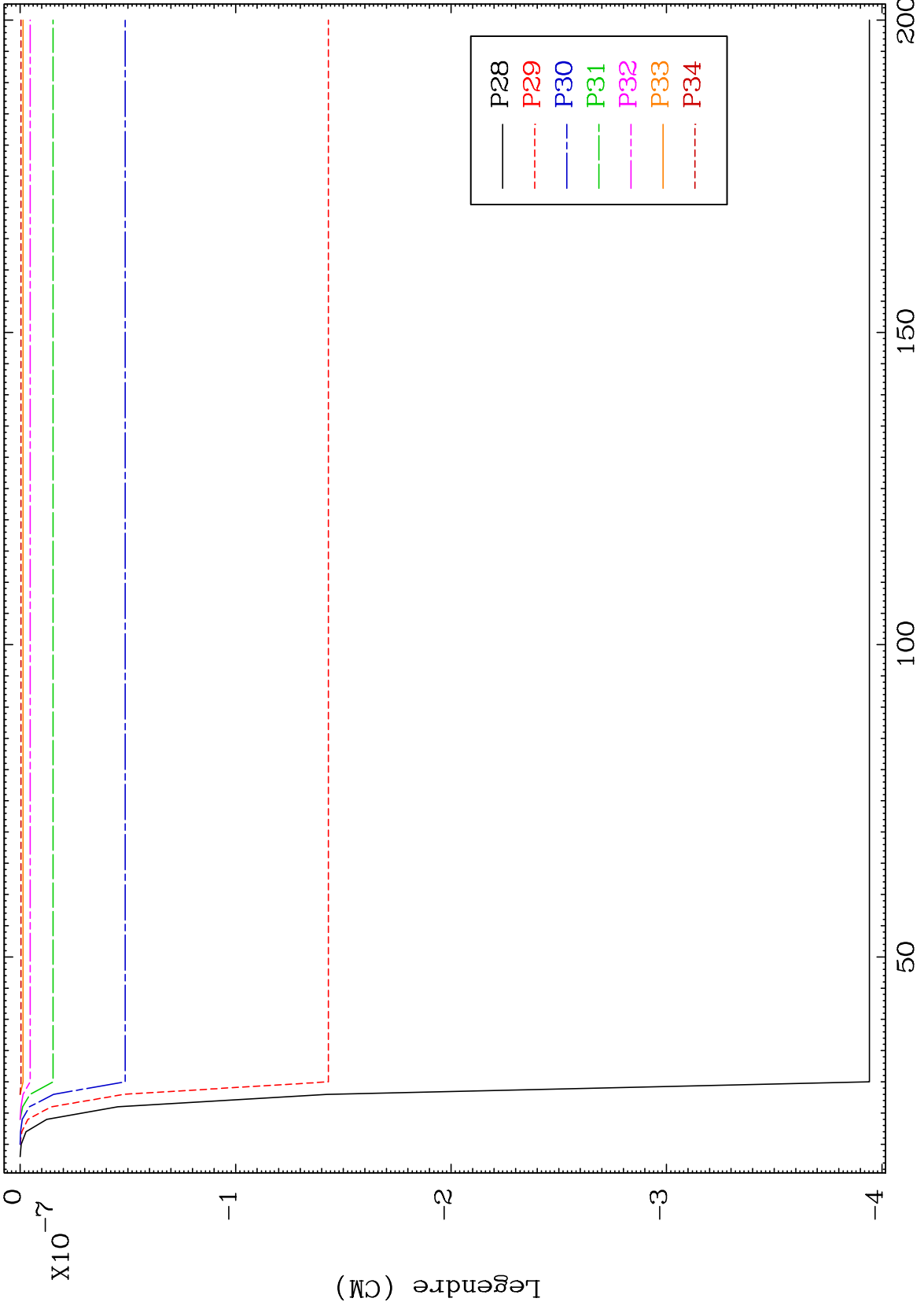


47

Incident Energy (MeV)

50-Sn-132

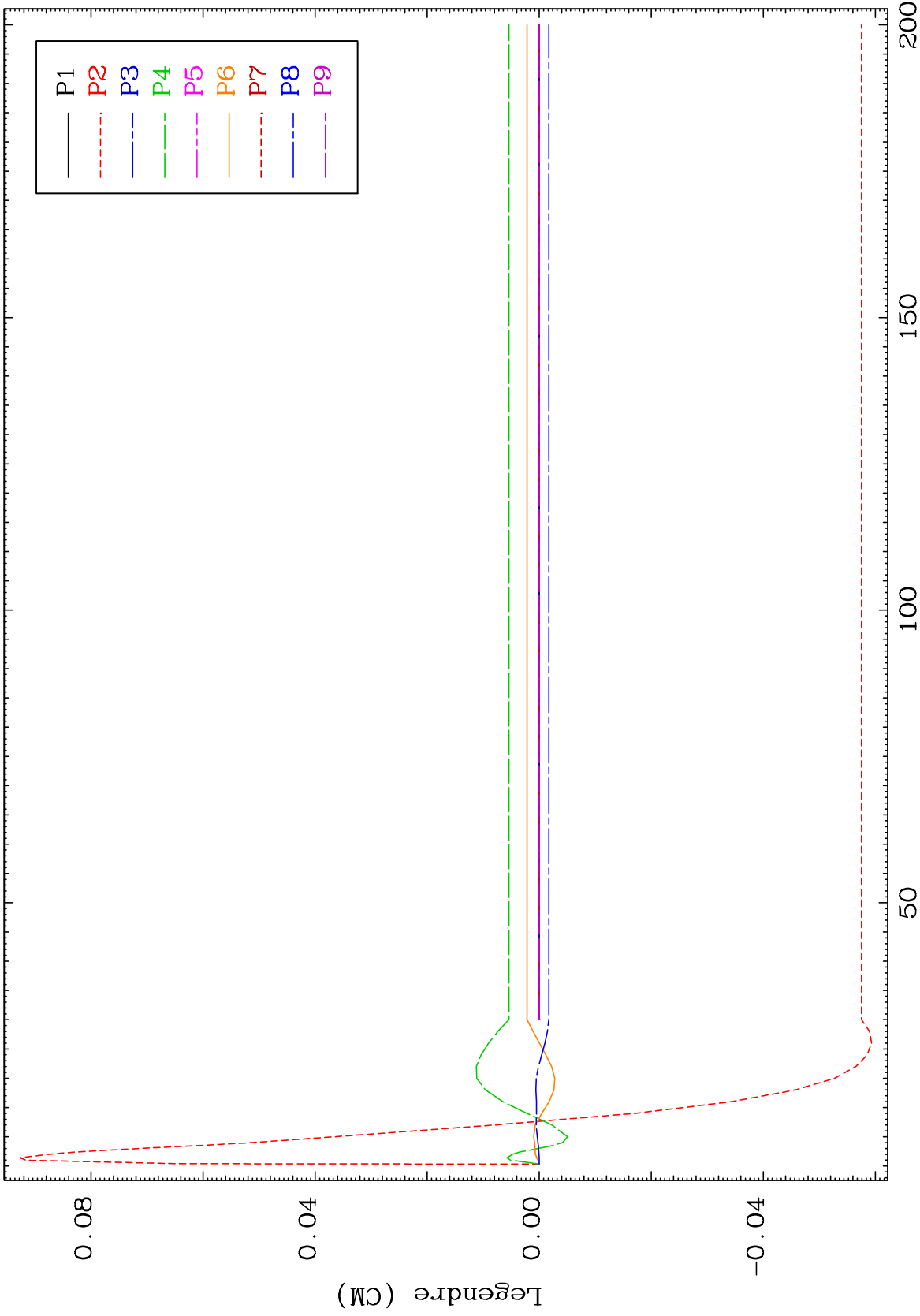
MAT 5085 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-132



MAT 5085

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

50-Sn-132



49

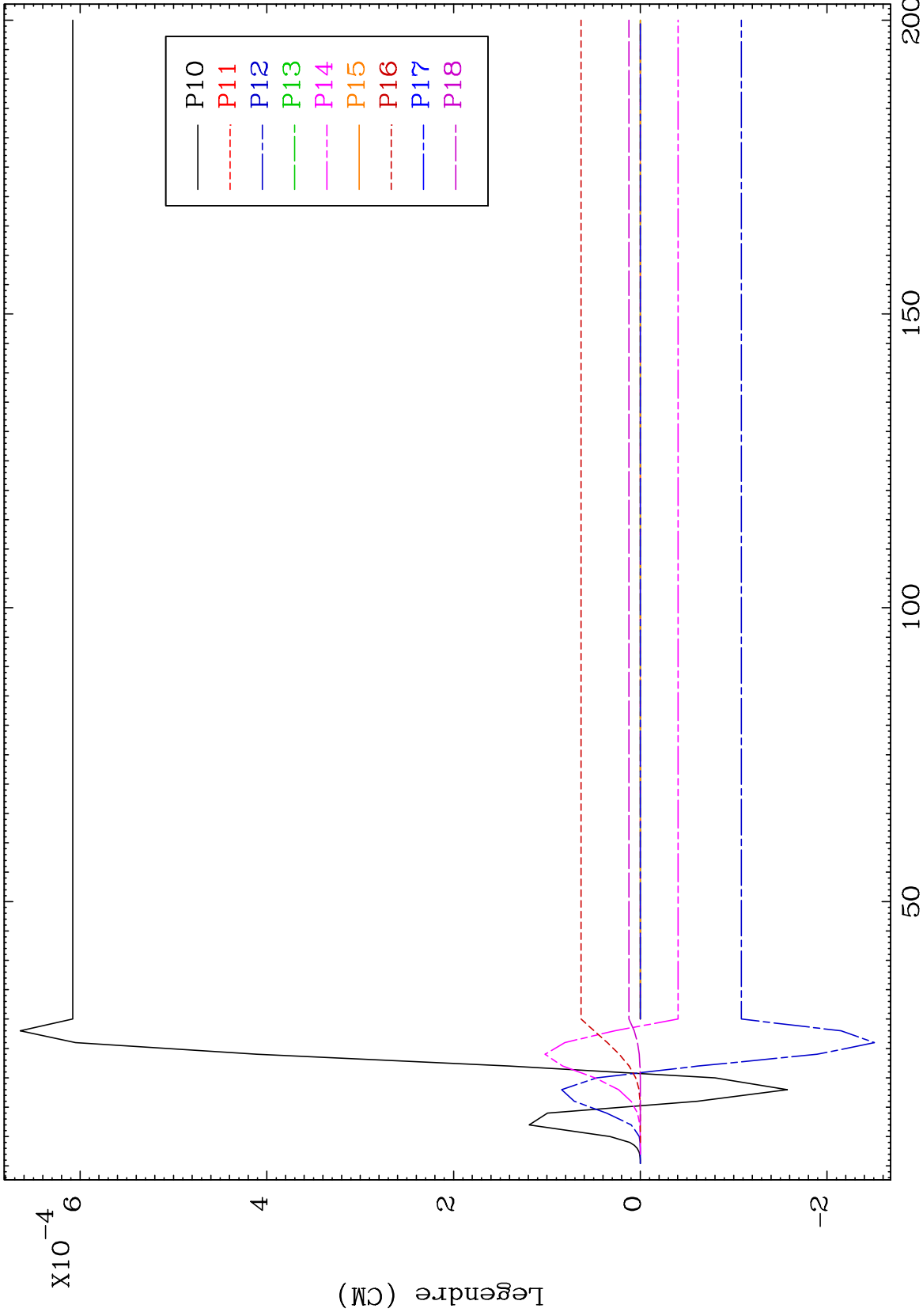
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132

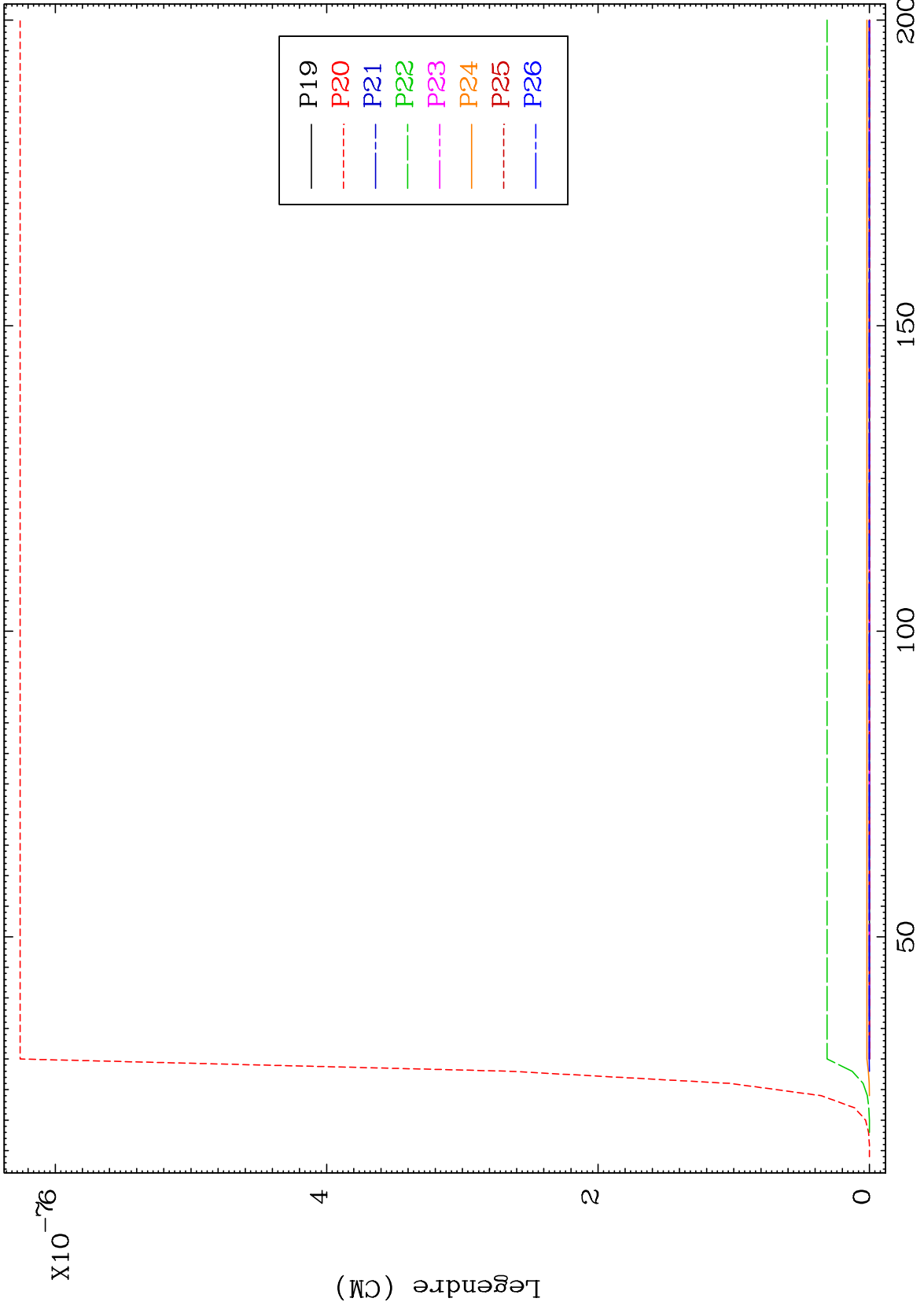


50

Incident Energy (MeV)

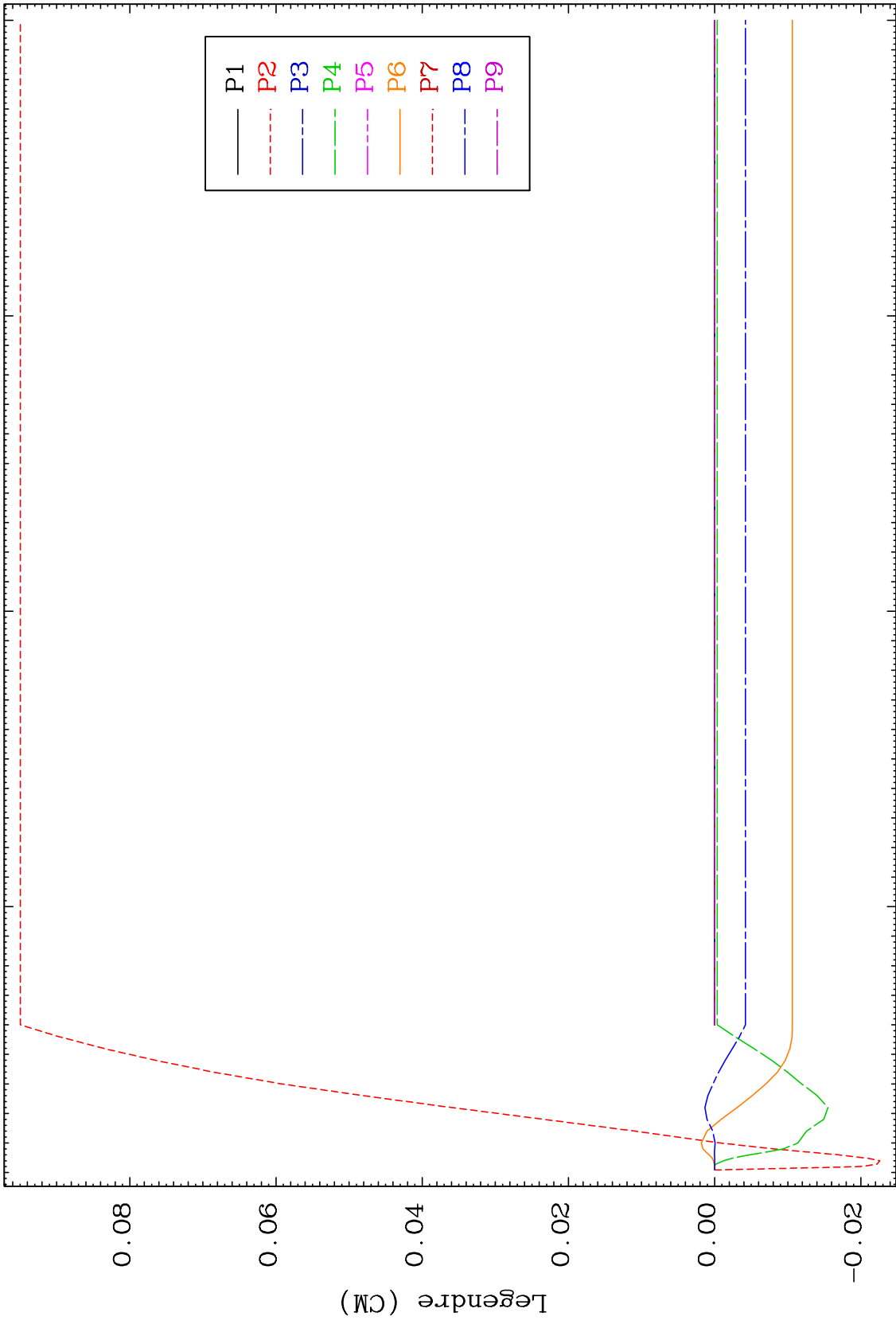
50-Sn-132

MAT 5085 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-132



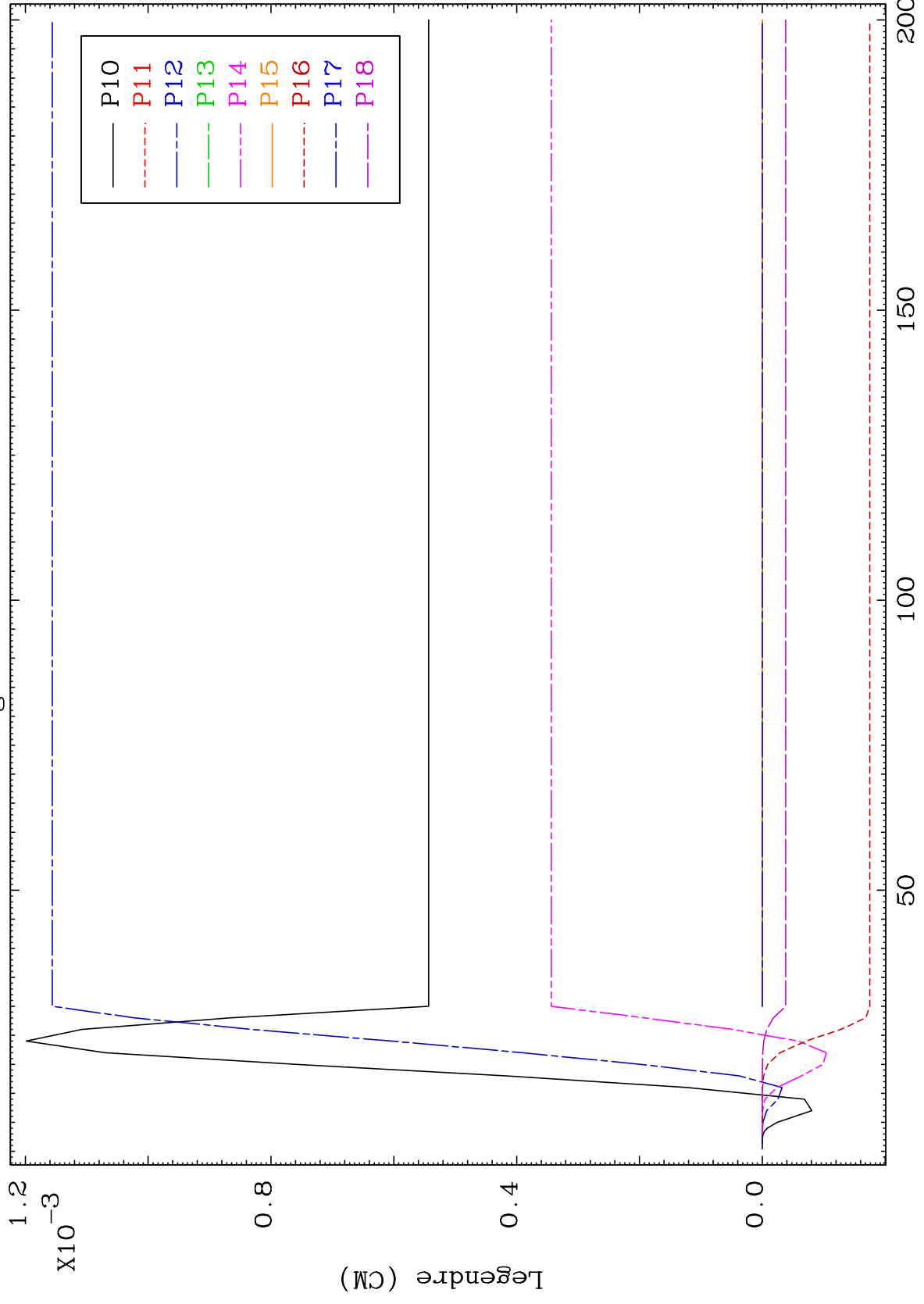
51 Incident Energy (MeV) 200 50-Sn-132

MAT 5085 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-132



52 Incident Energy (MeV) 50-Sn-132

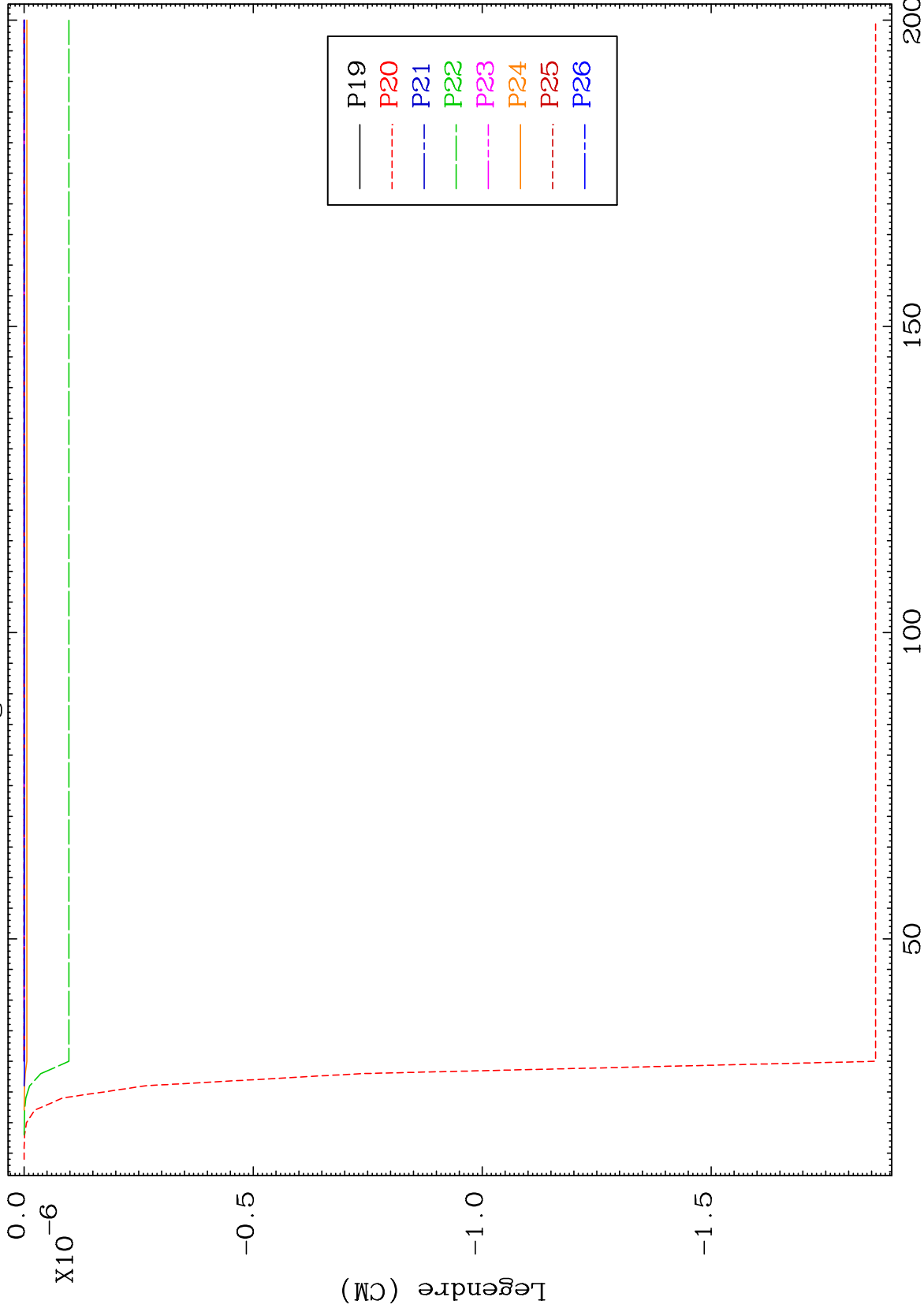
MAT 5085 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-132



MAT 5085

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

50-Sn-132



54

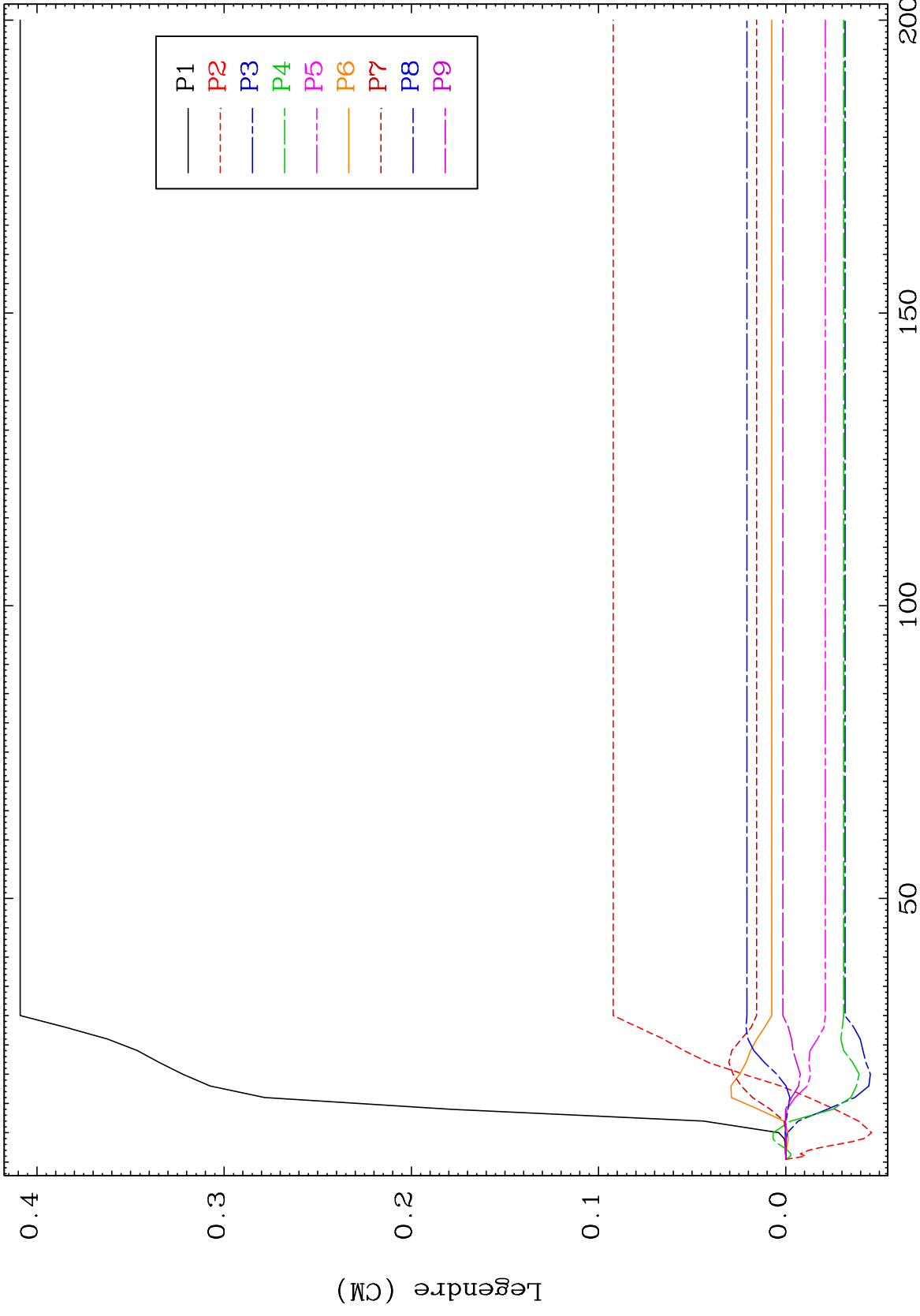
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132



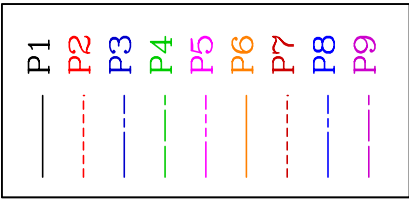
55

Incident Energy (MeV)

50-Sn-132

200

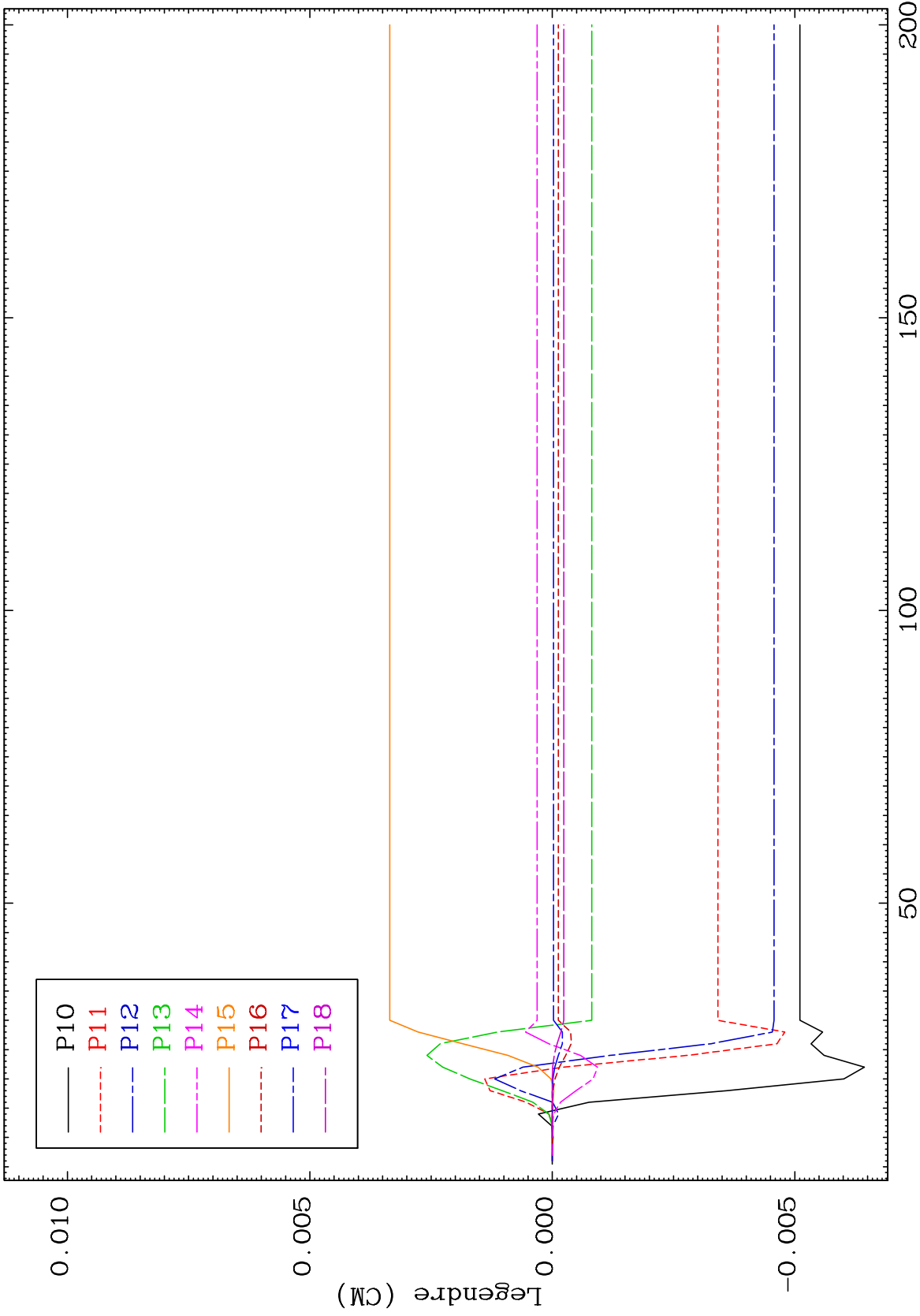
50



MAT 5085

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

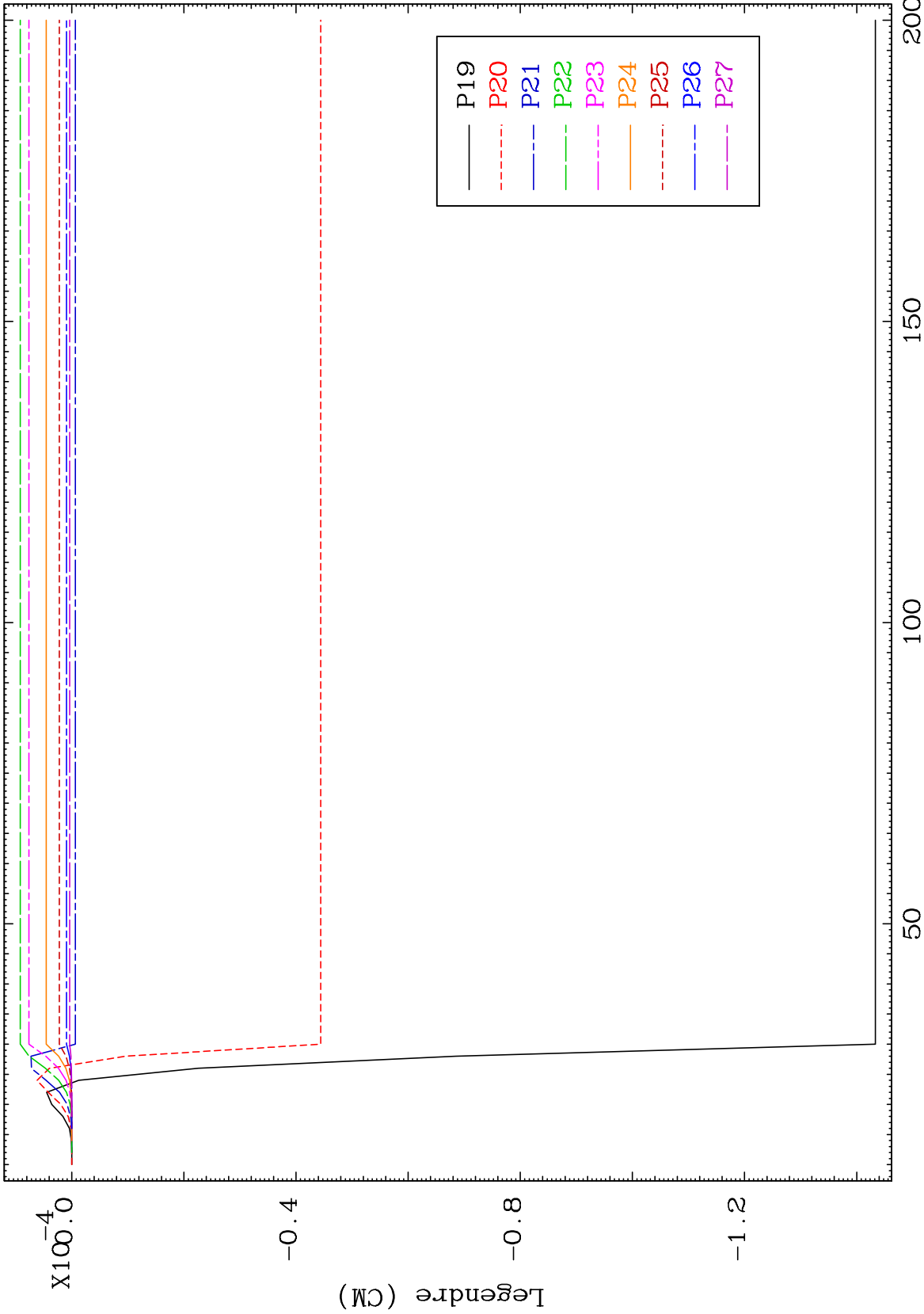
50-Sn-132



56

50-Sn-132

MAT 5085 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-132

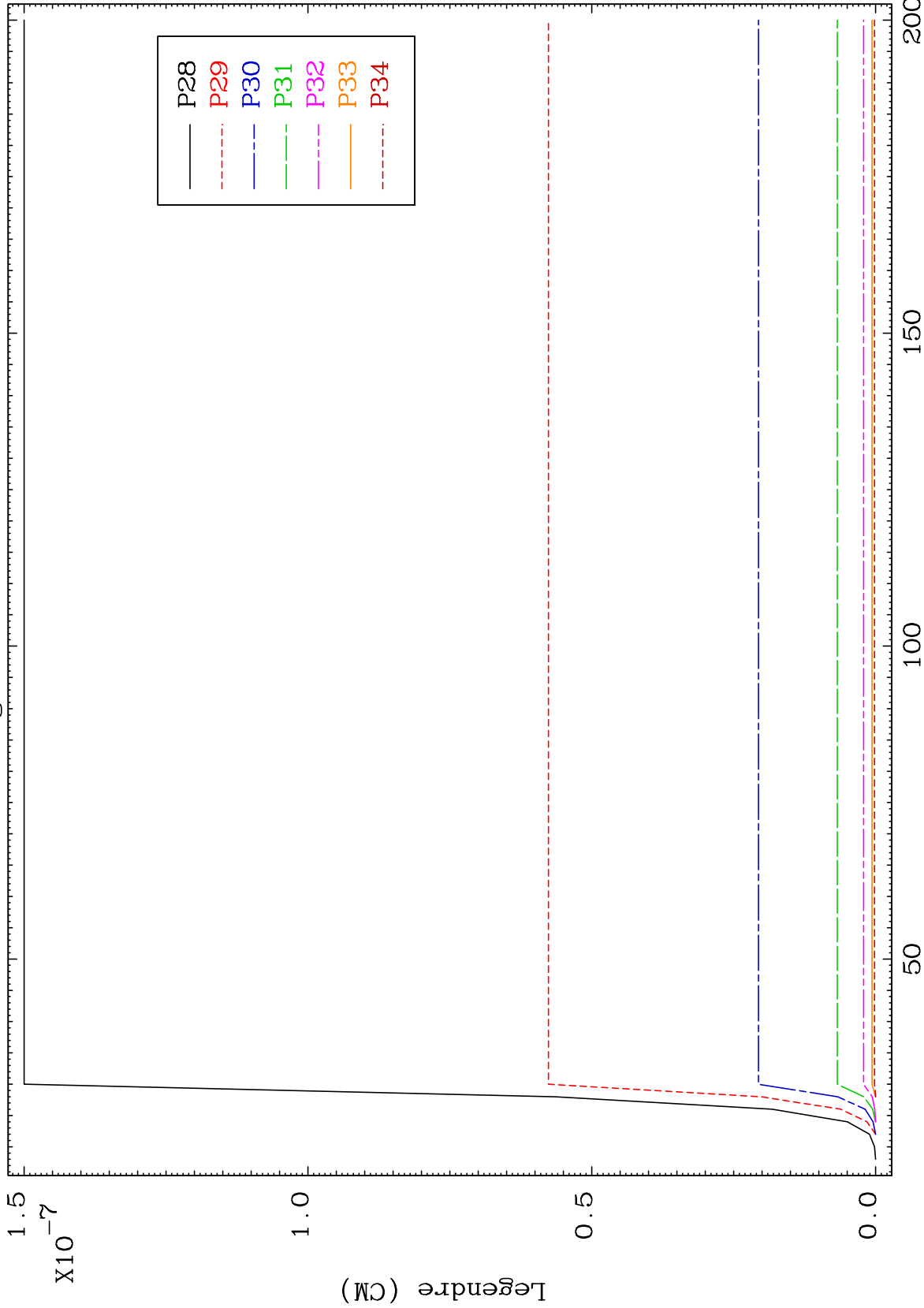


57 50-Sn-132

MAT 5085

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

50-Sn-132



58

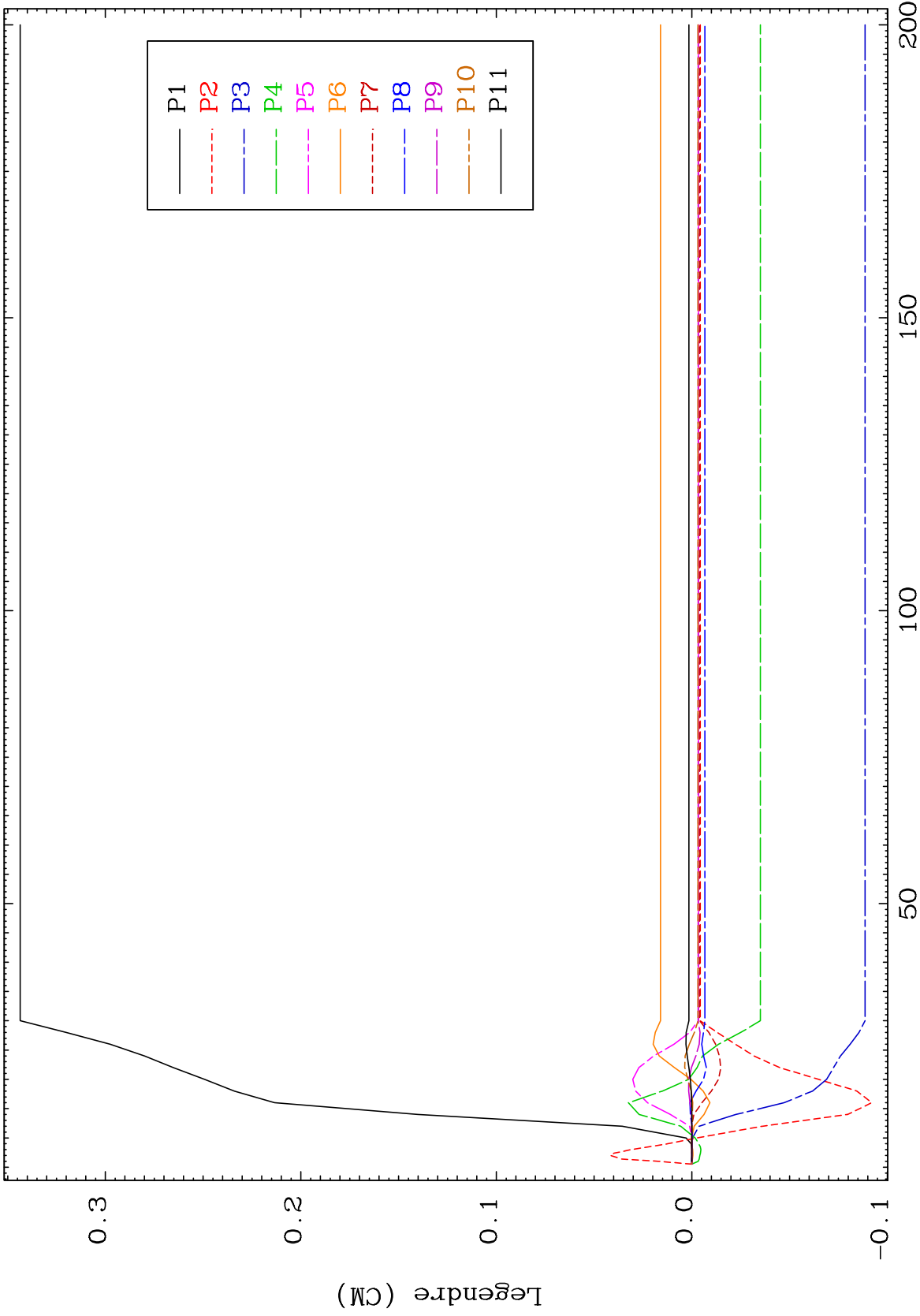
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132



59

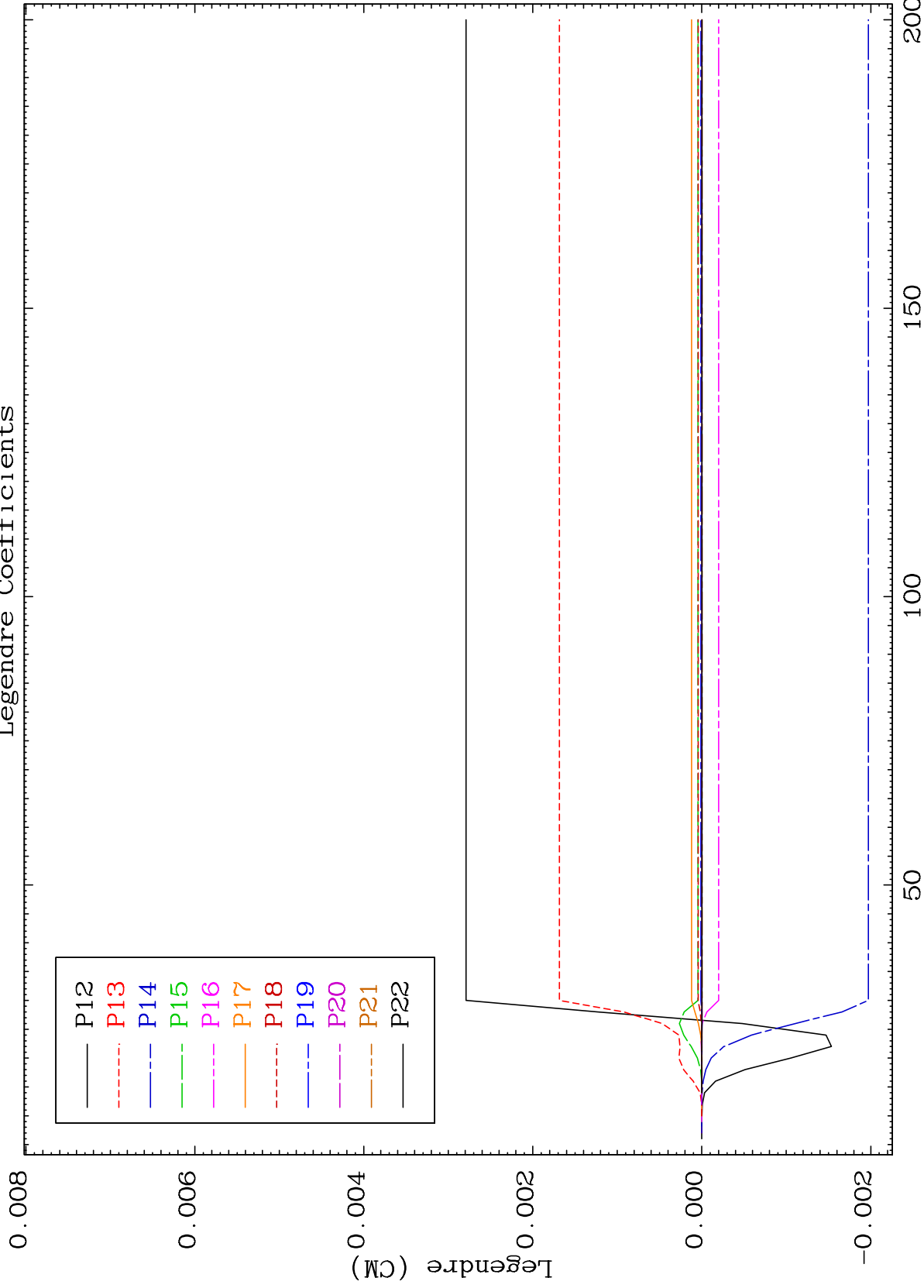
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132

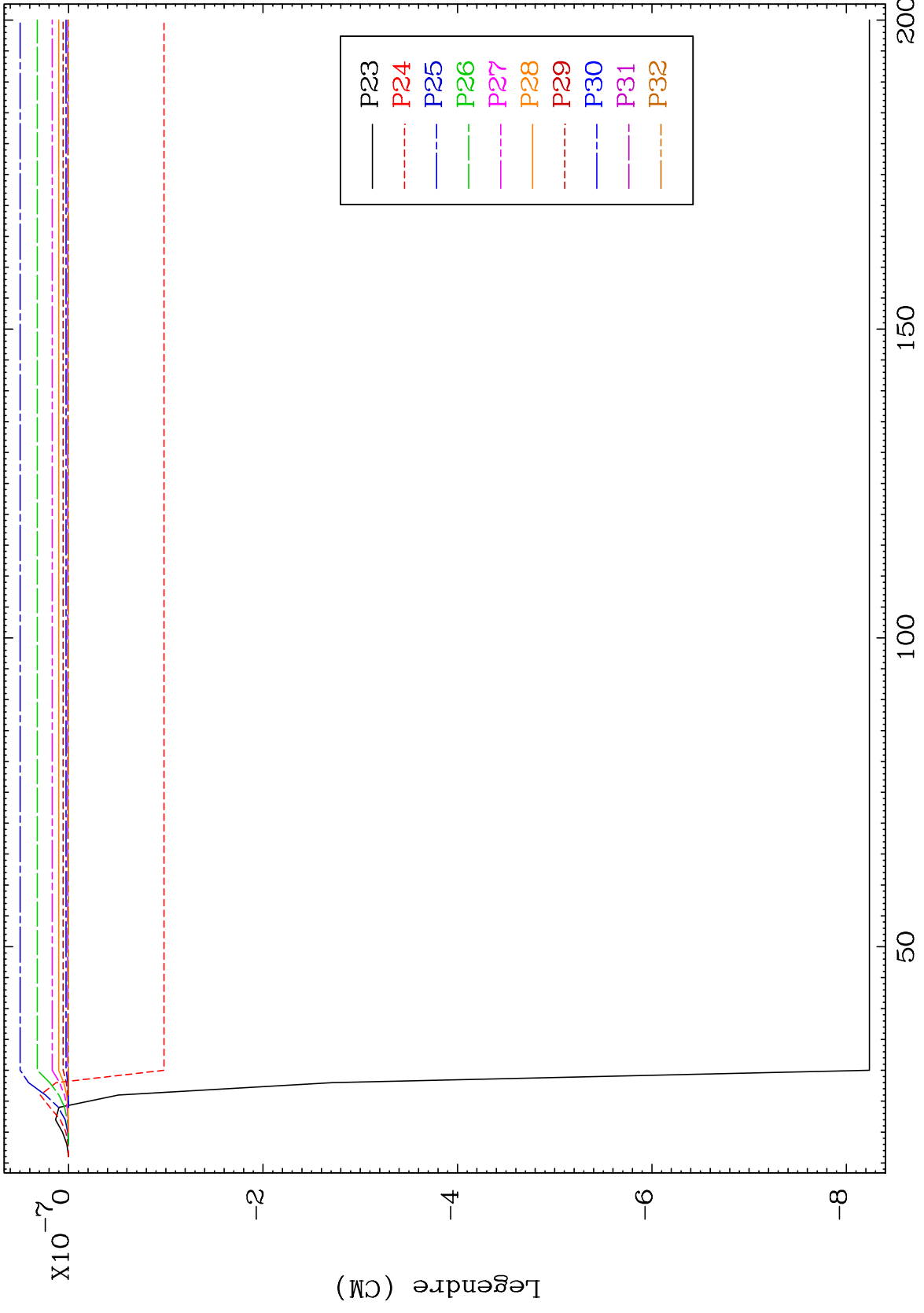


60

Incident Energy (MeV)

50-Sn-132

MAT 5085 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-132

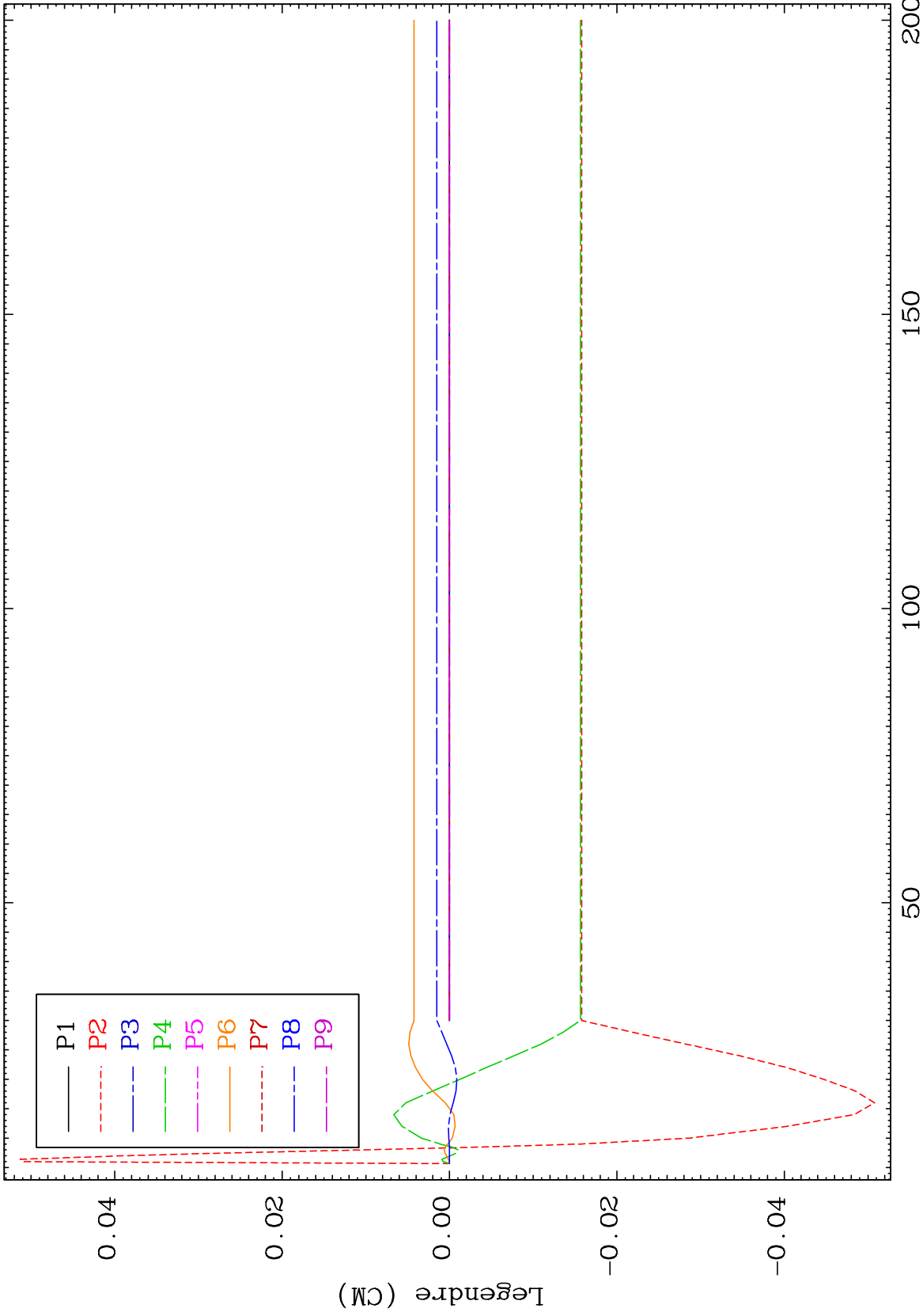


61 Incident Energy (MeV) 50-Sn-132

MAT 5085

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

50-Sn-132



62

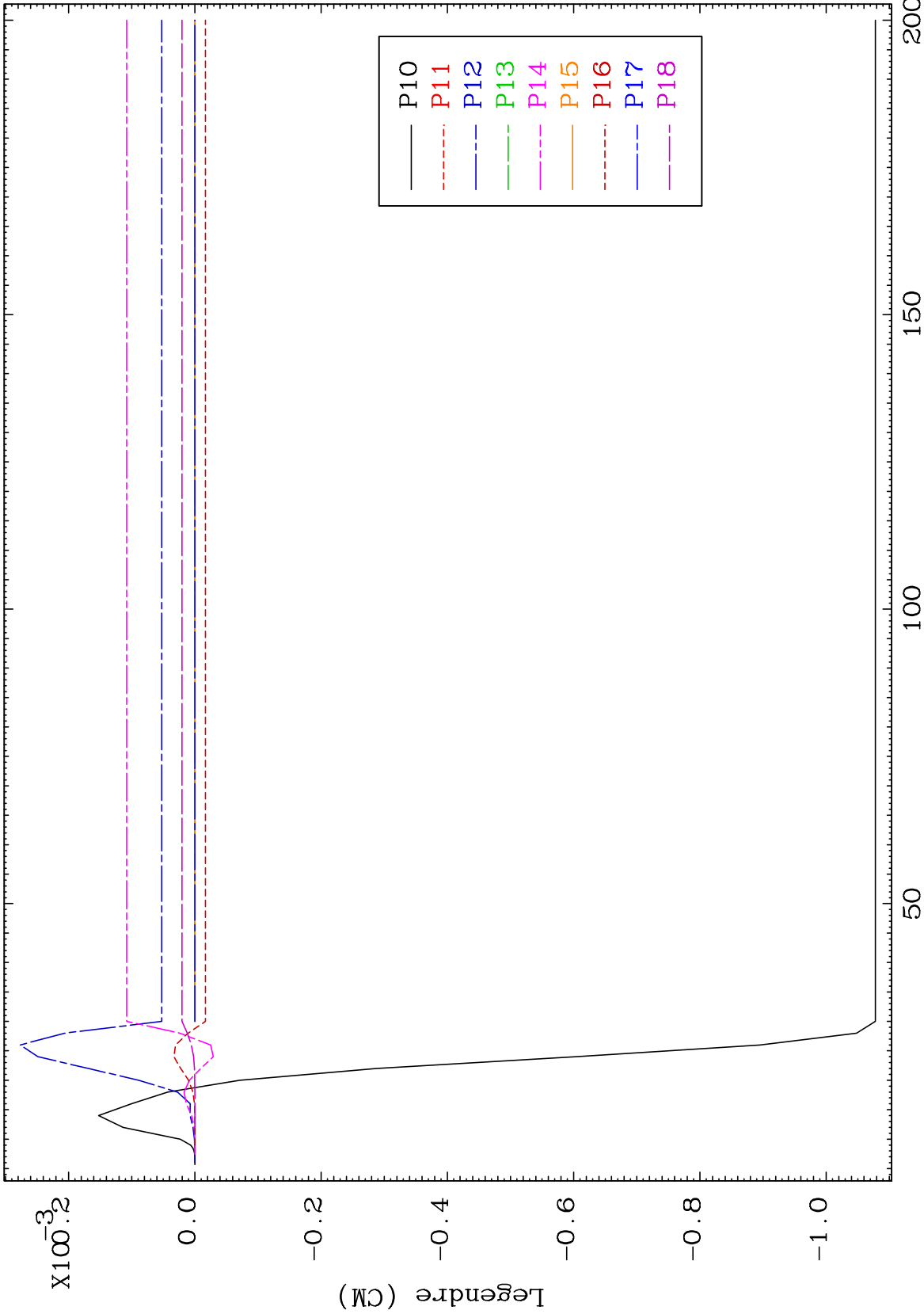
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132

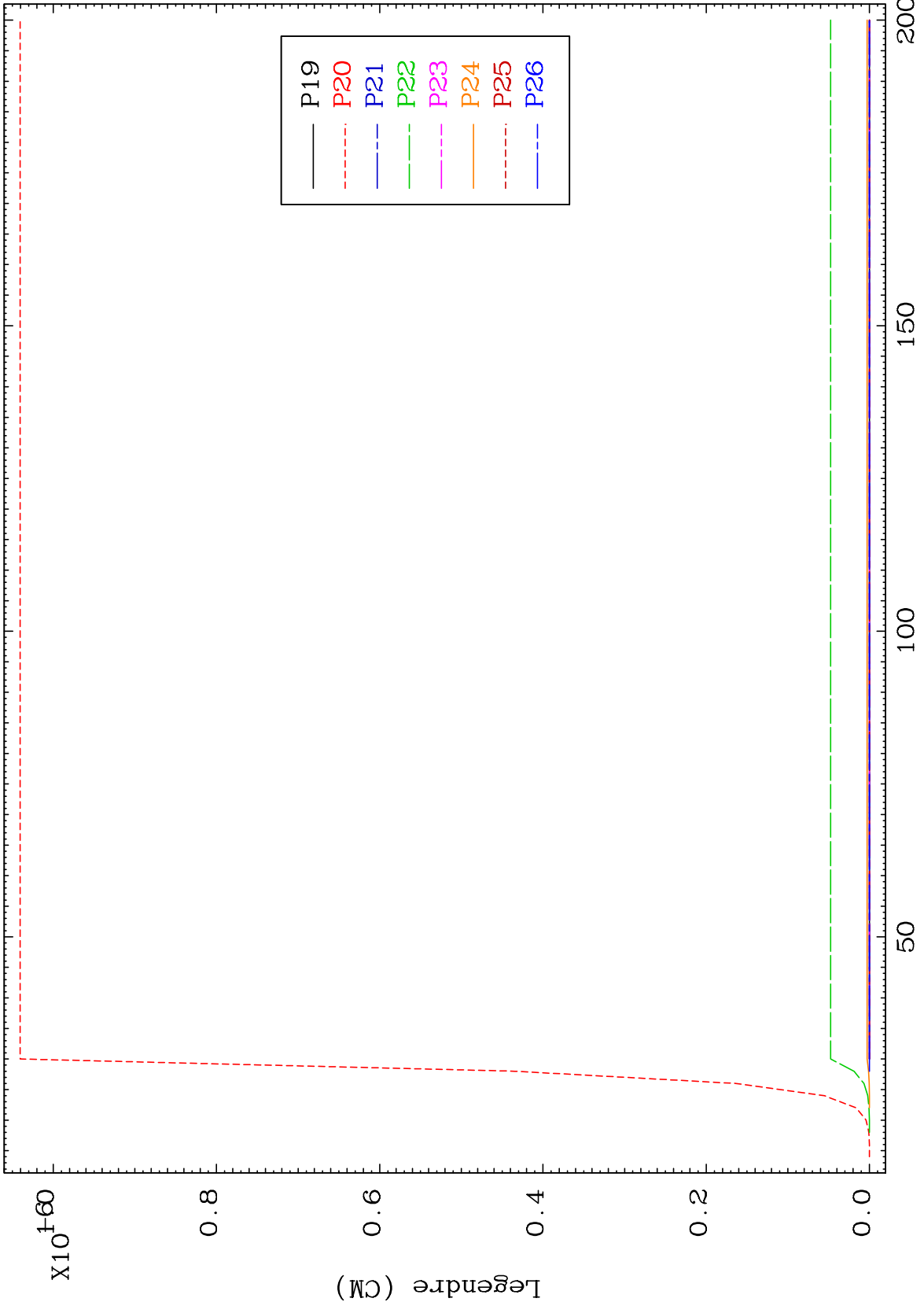


63

Incident Energy (MeV)

50-Sn-132

MAT 5085 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-132

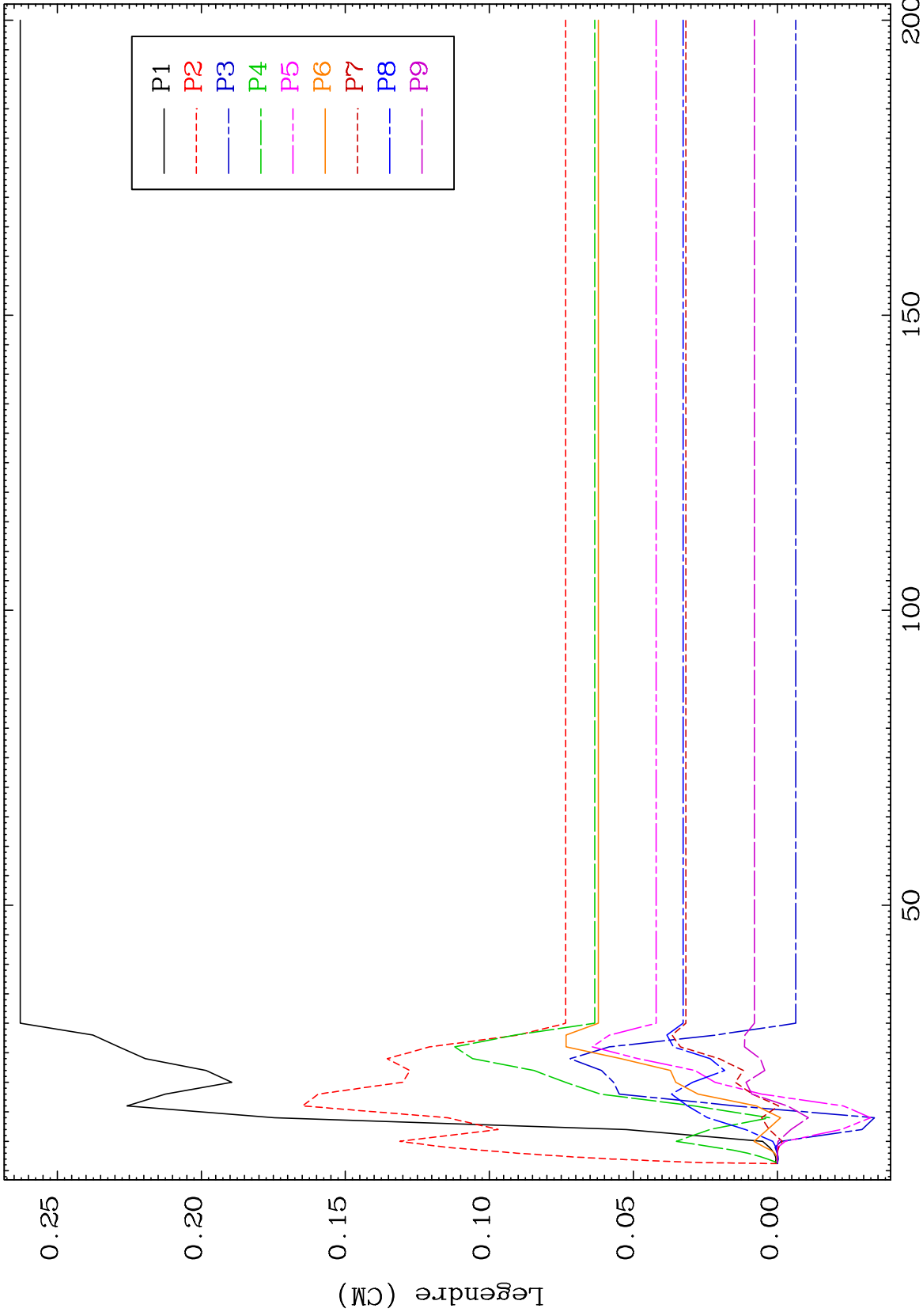


64 50-Sn-132

MAT 5085

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

50-Sn-132



65

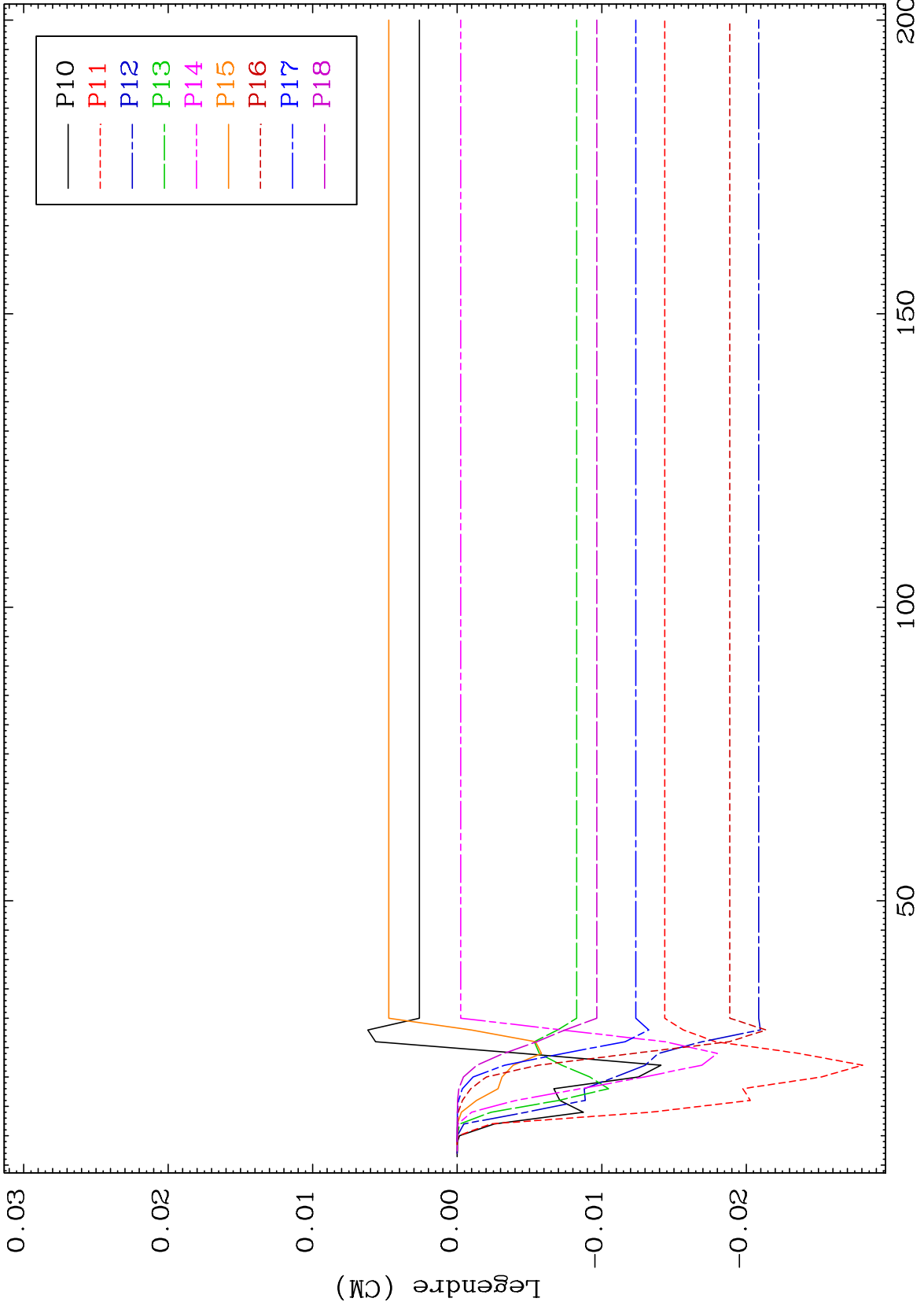
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132

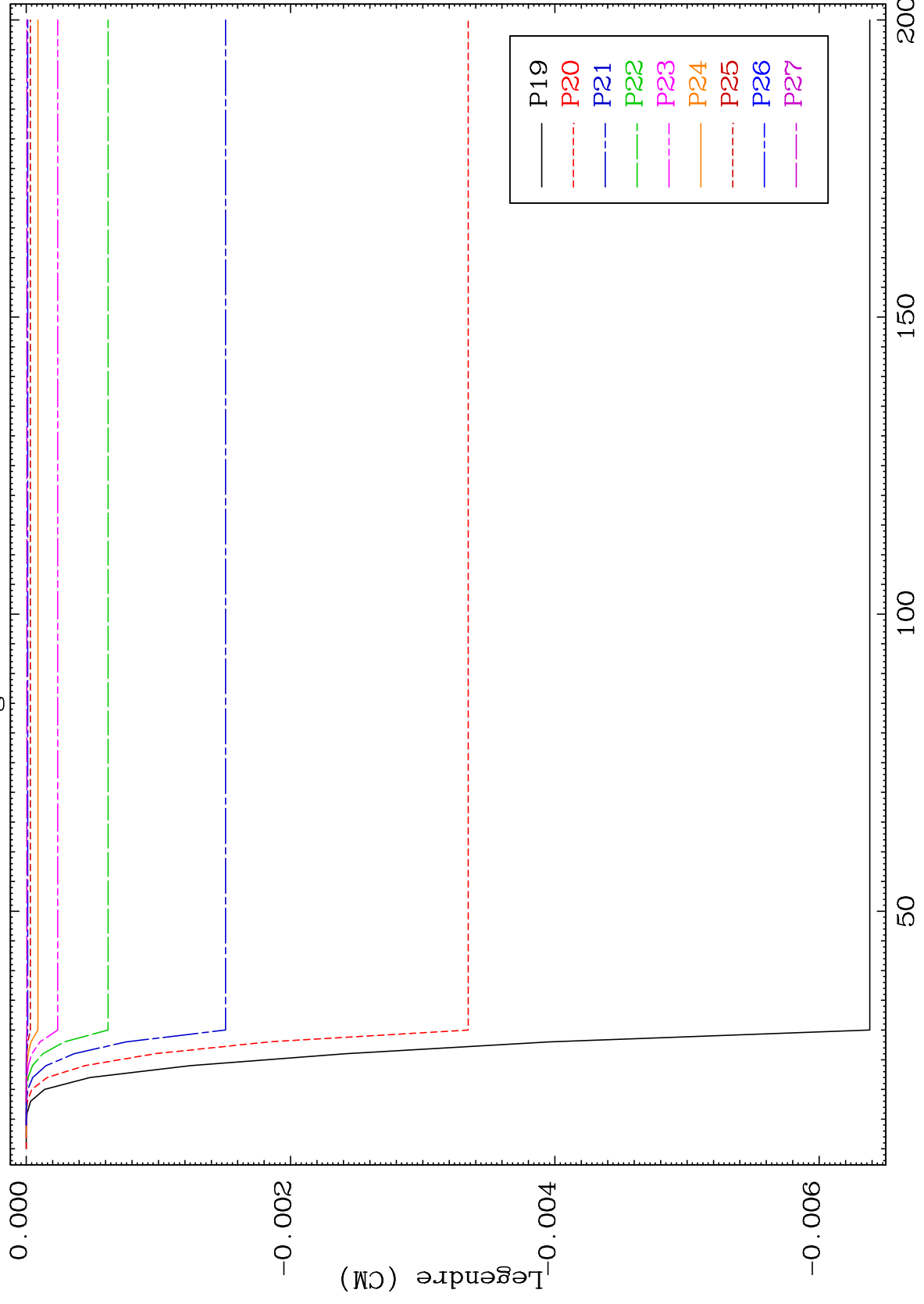


66

Incident Energy (MeV)

50-Sn-132

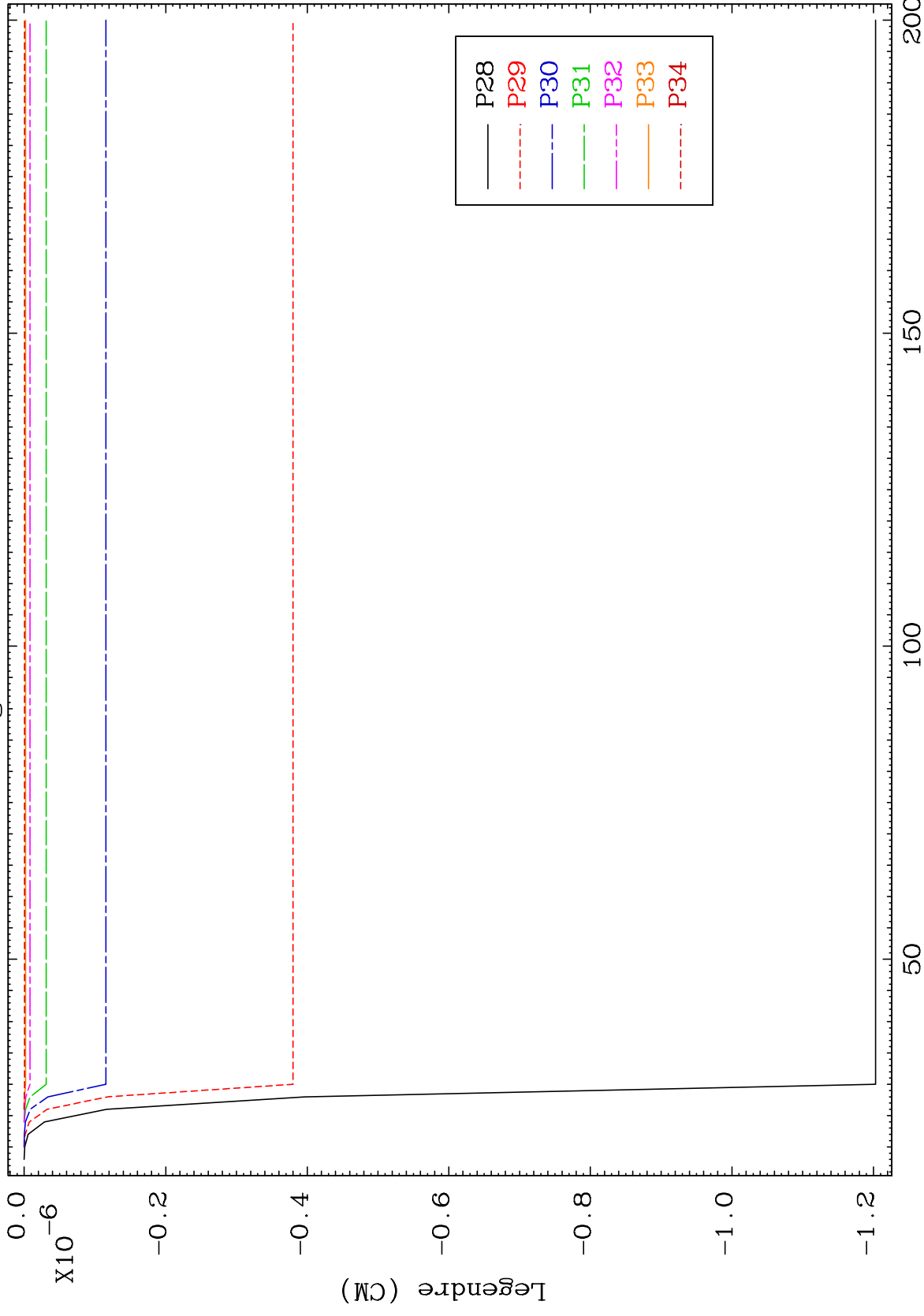
MAT 5085 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-132



MAT 5085

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

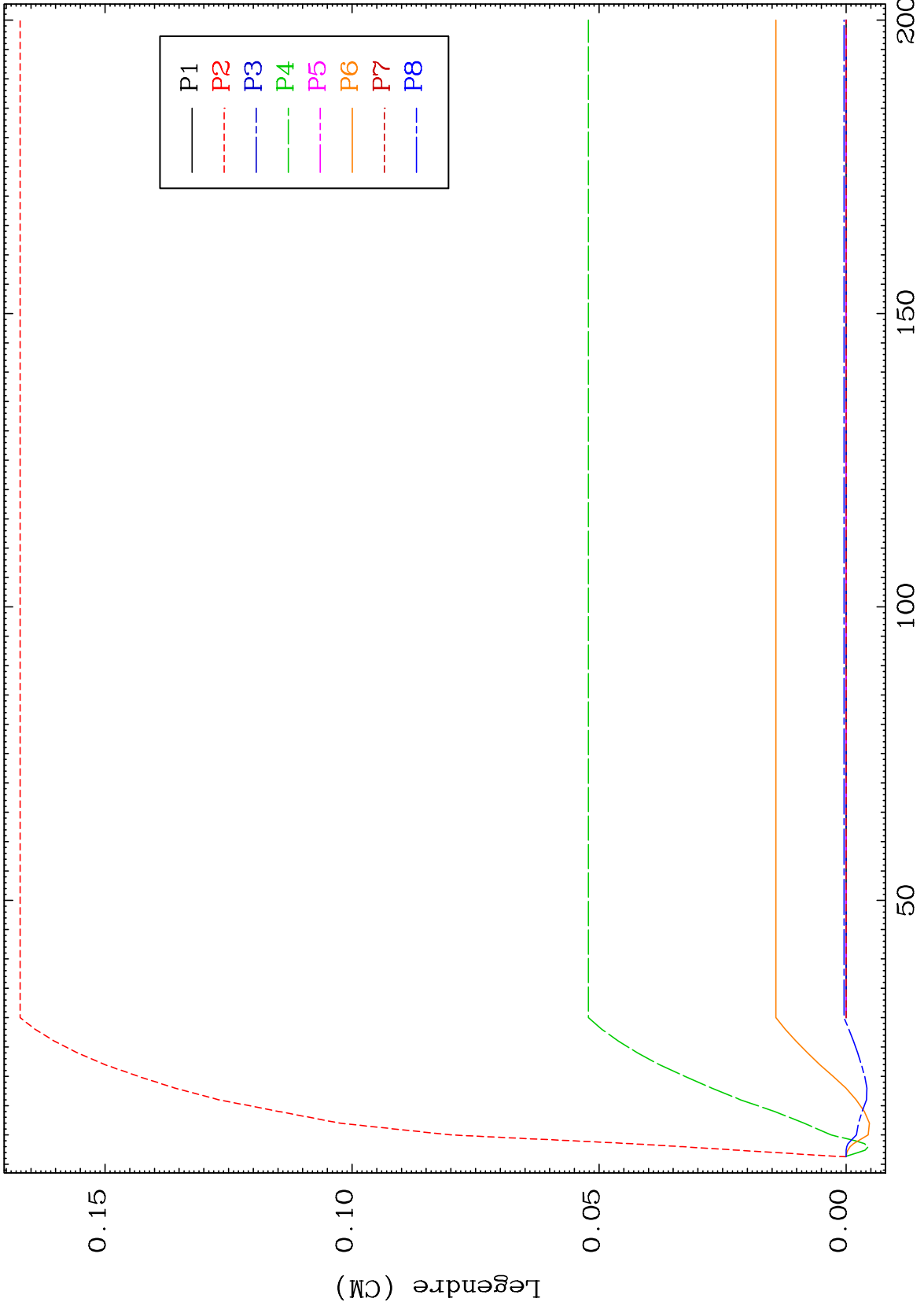
50-Sn-132



68

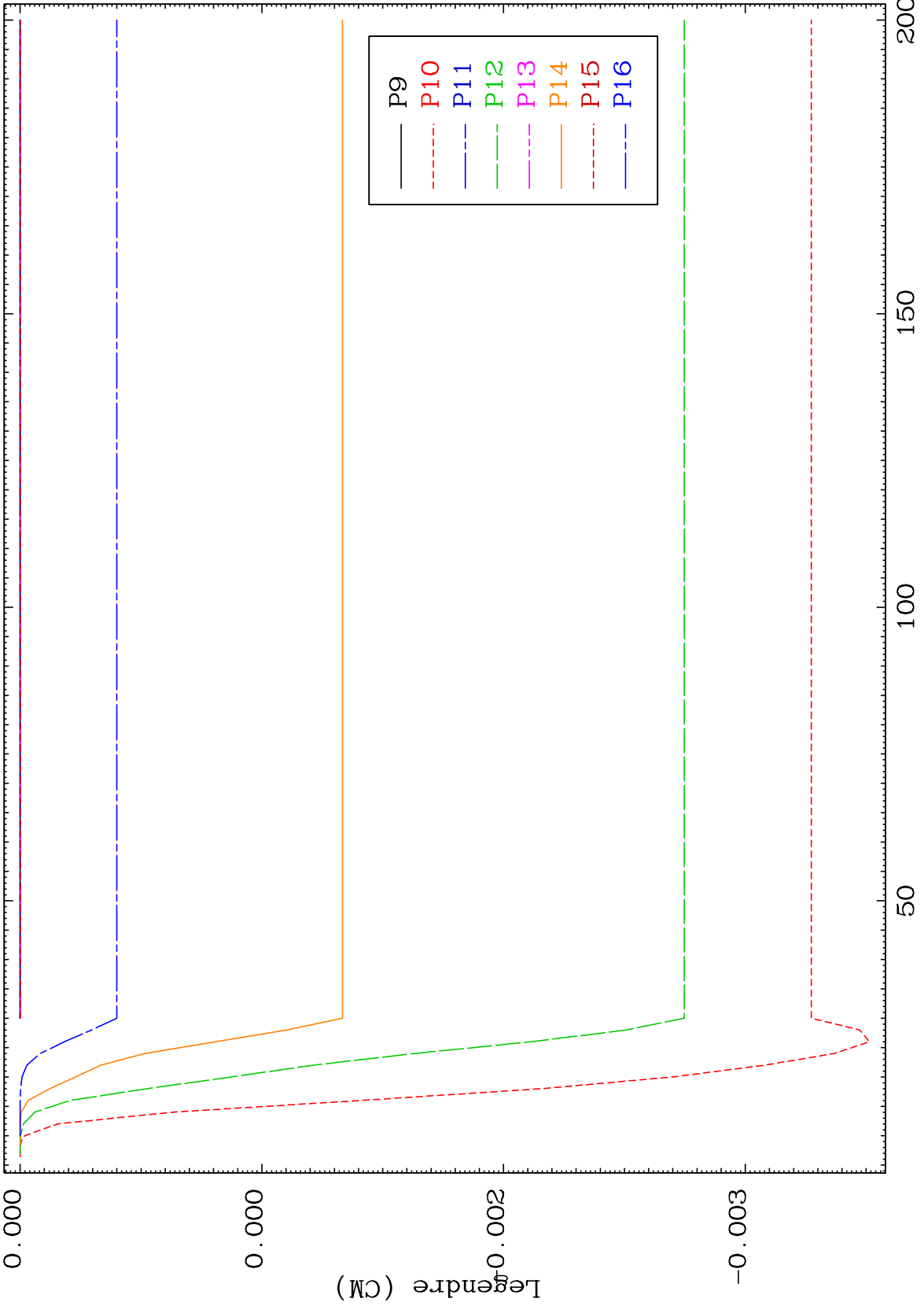
50-Sn-132

MAT 5085 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-132



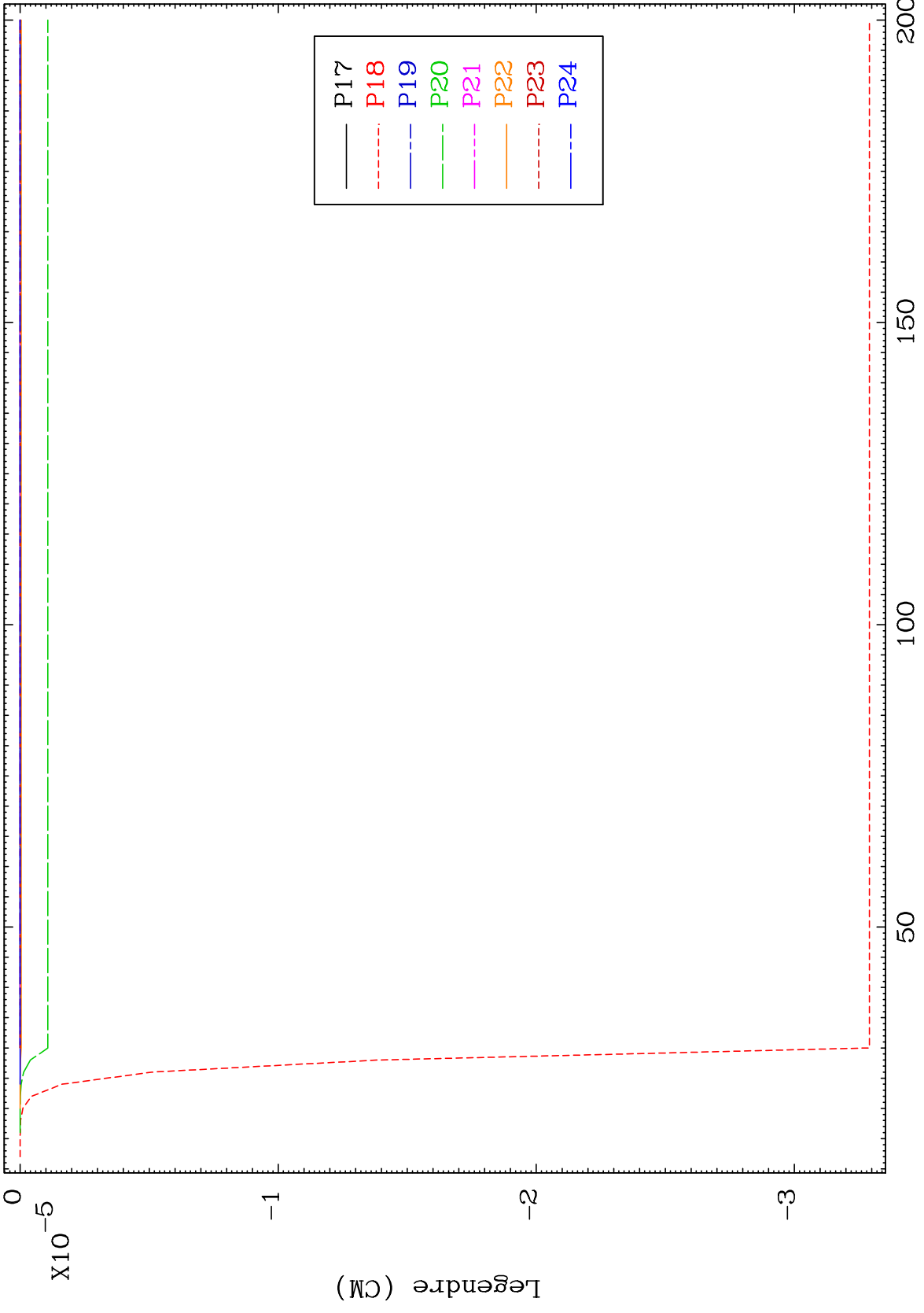
69 Incident Energy (MeV) 50-Sn-132

MAT 5085 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-132



70 Incident Energy (MeV) 50-Sn-132

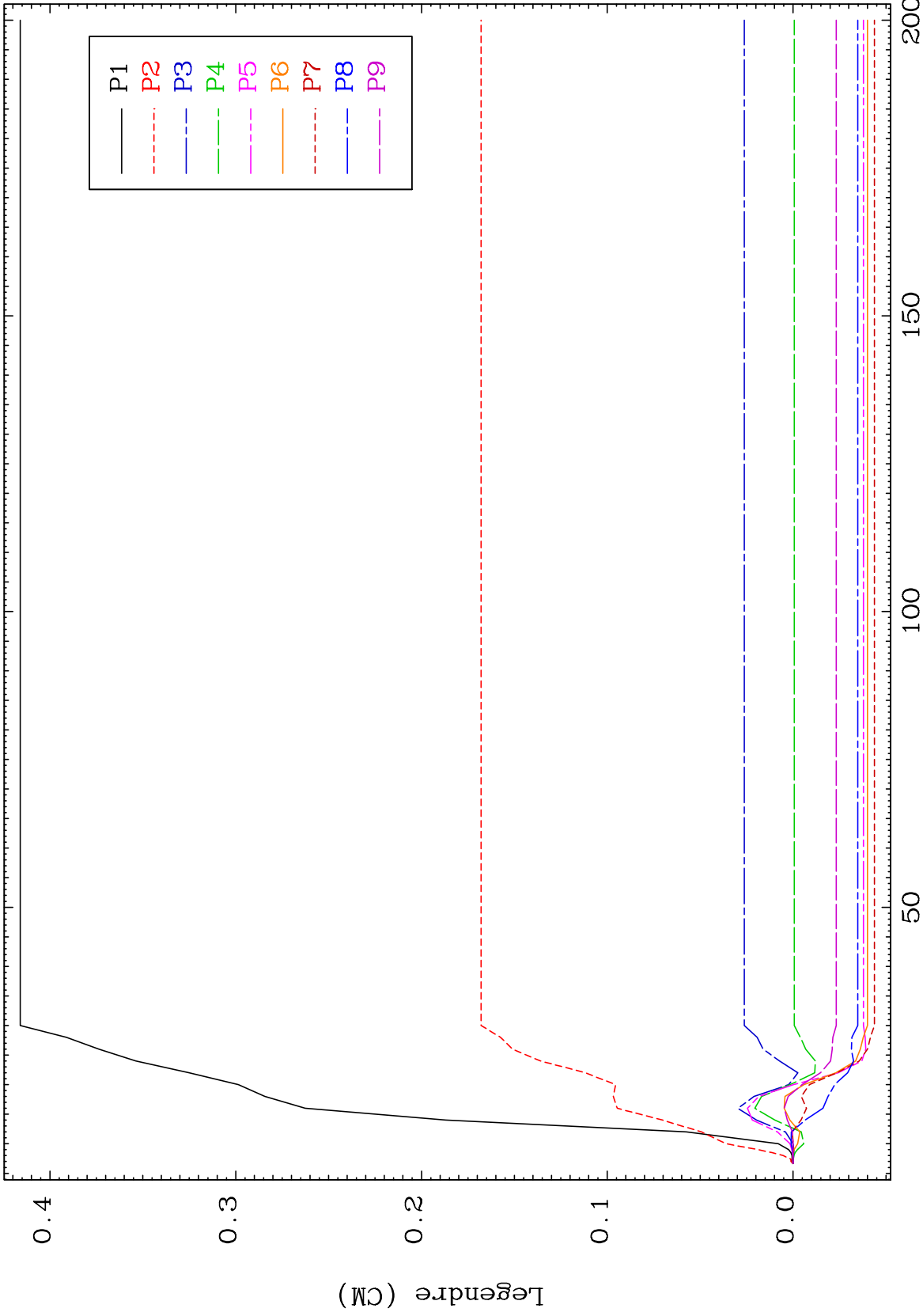
MAT 5085 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-132



MAT 5085

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

50-Sn-132



72

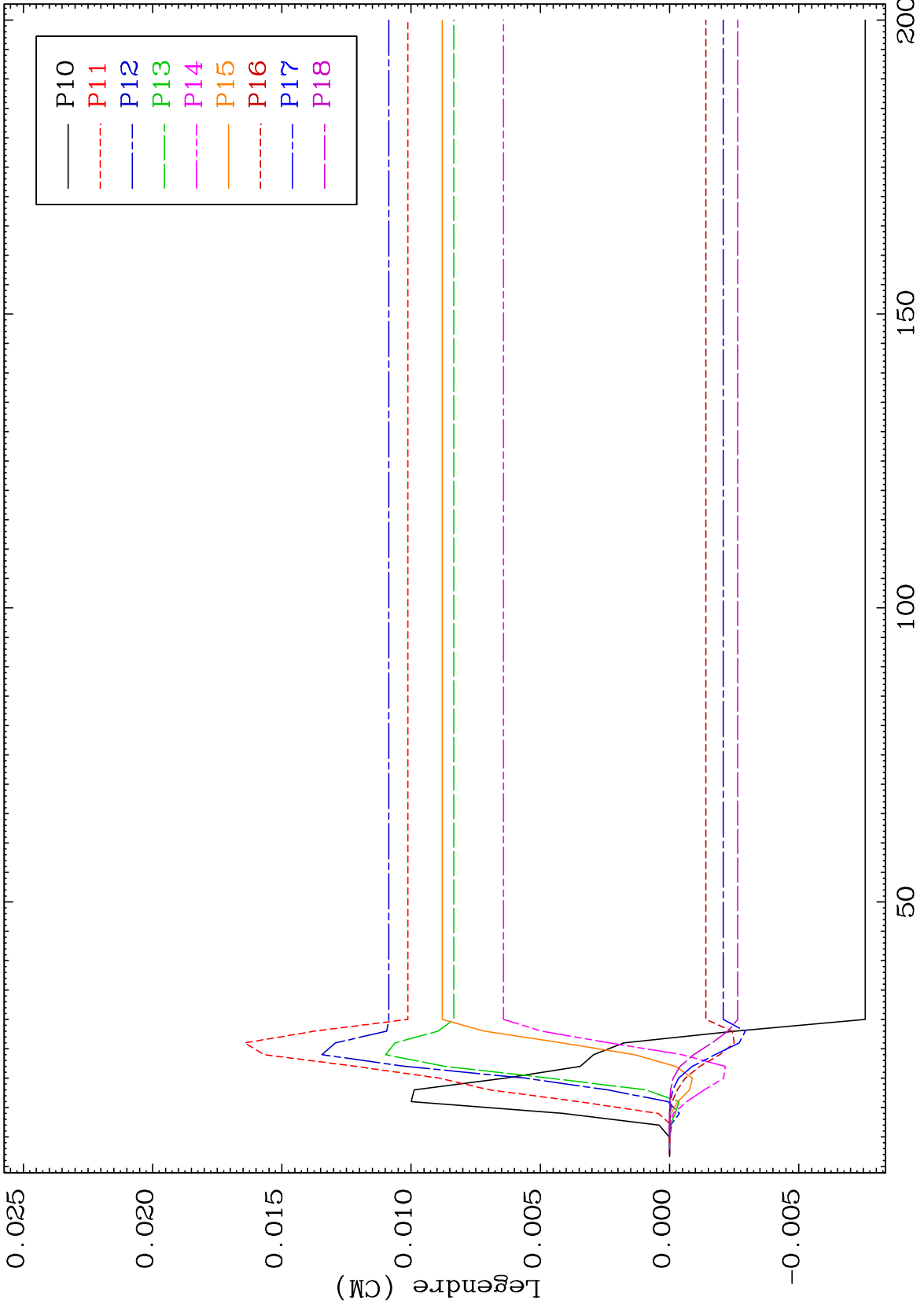
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132

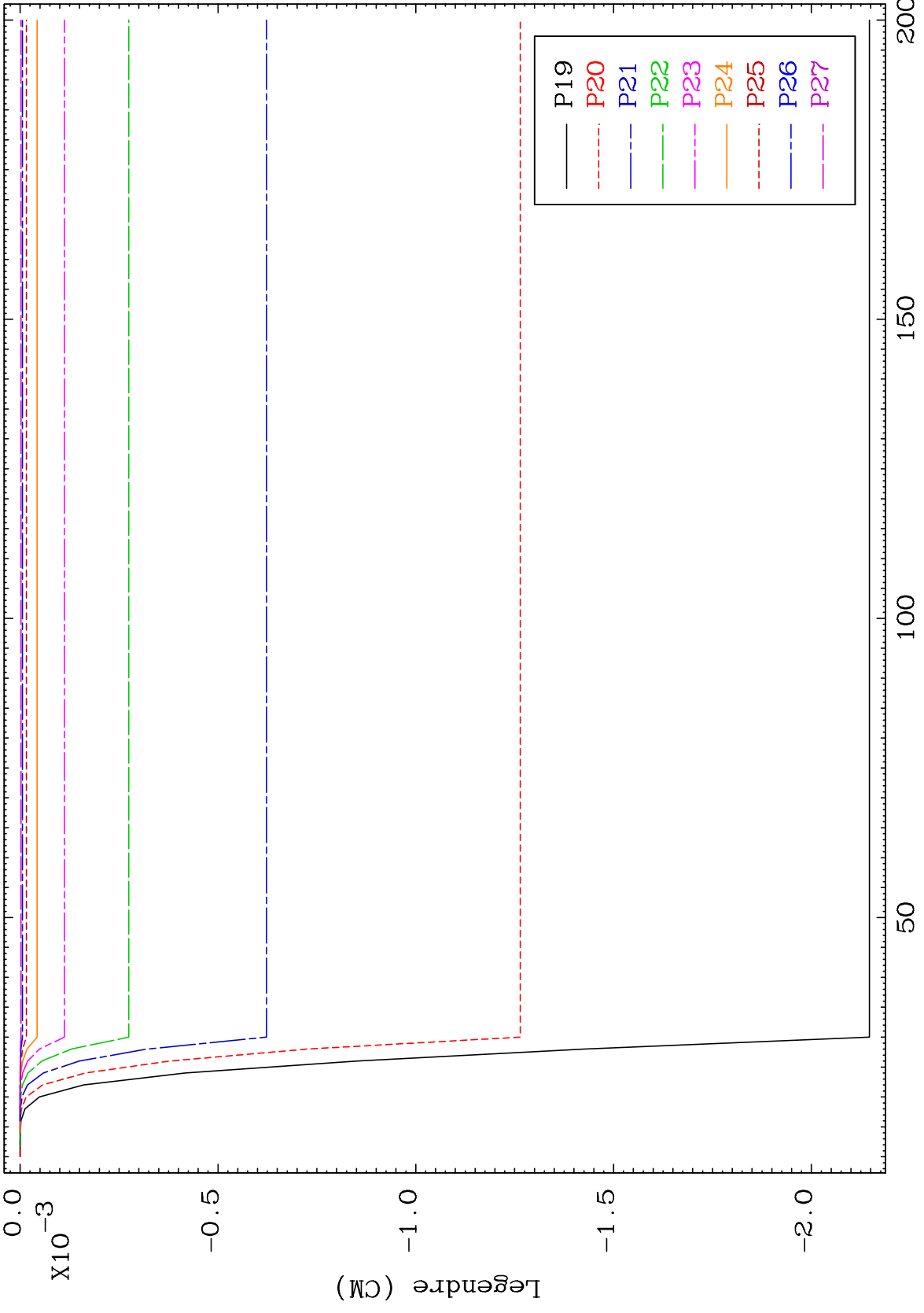


73

Incident Energy (MeV)

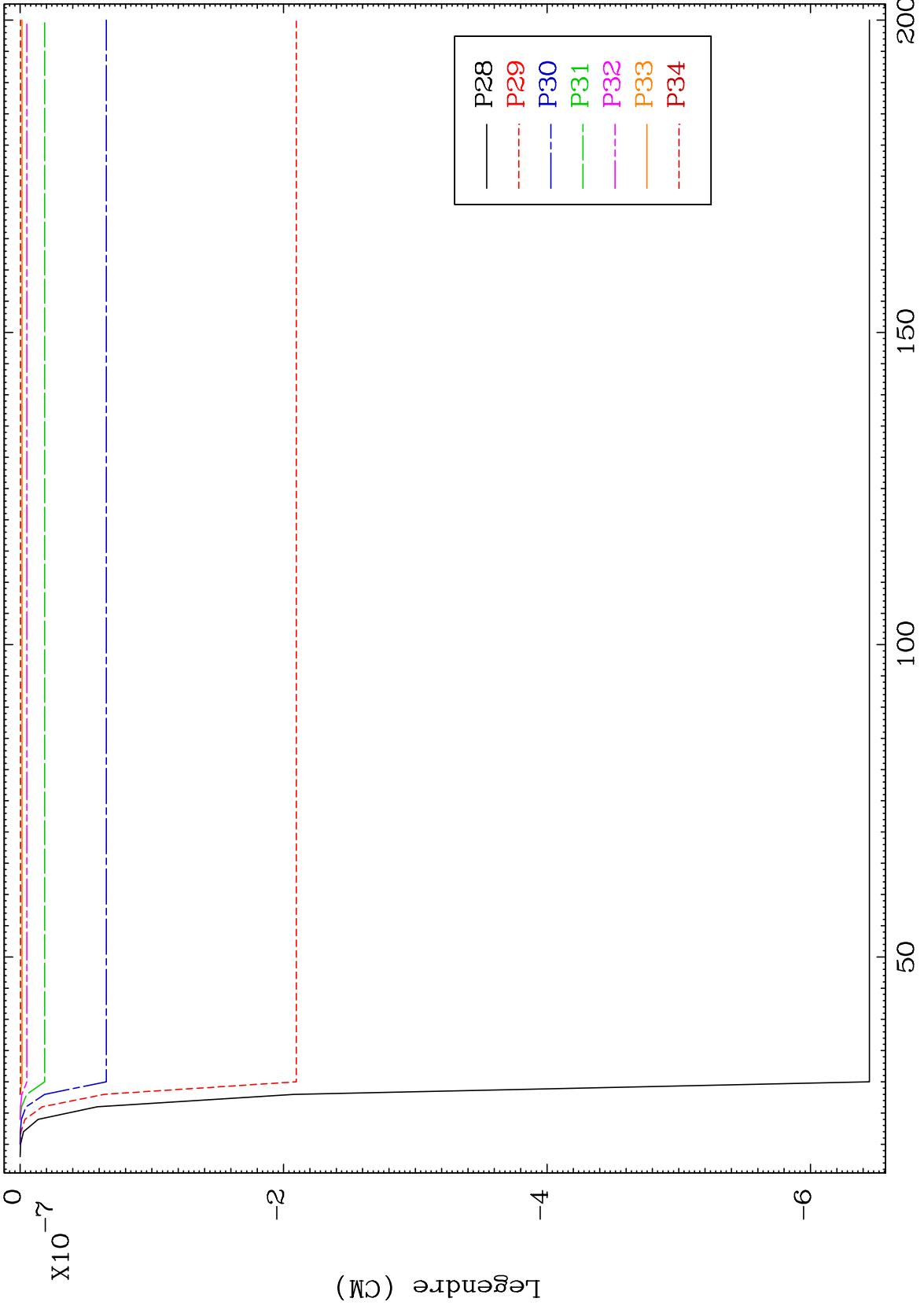
50-Sn-132

MAT 5085 MT= 67 (n,n') Level Legendre Coefficients 50-Sn-132



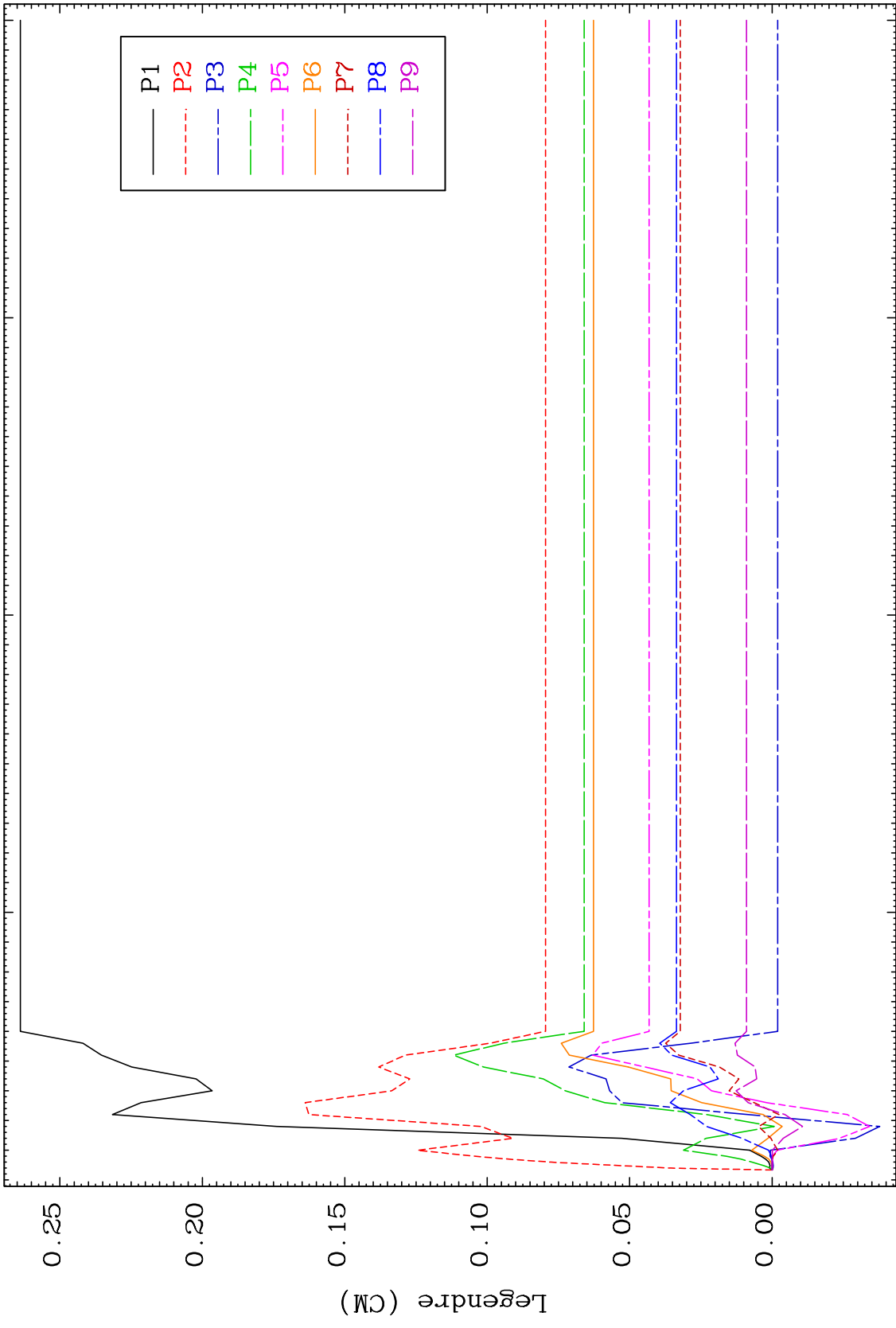
74 50-Sn-132

MAT 5085 MT= 67 (n,n') Level Legendre Coefficients 50-Sn-132



75 Incident Energy (MeV) 50-Sn-132

MAT 5085 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-132

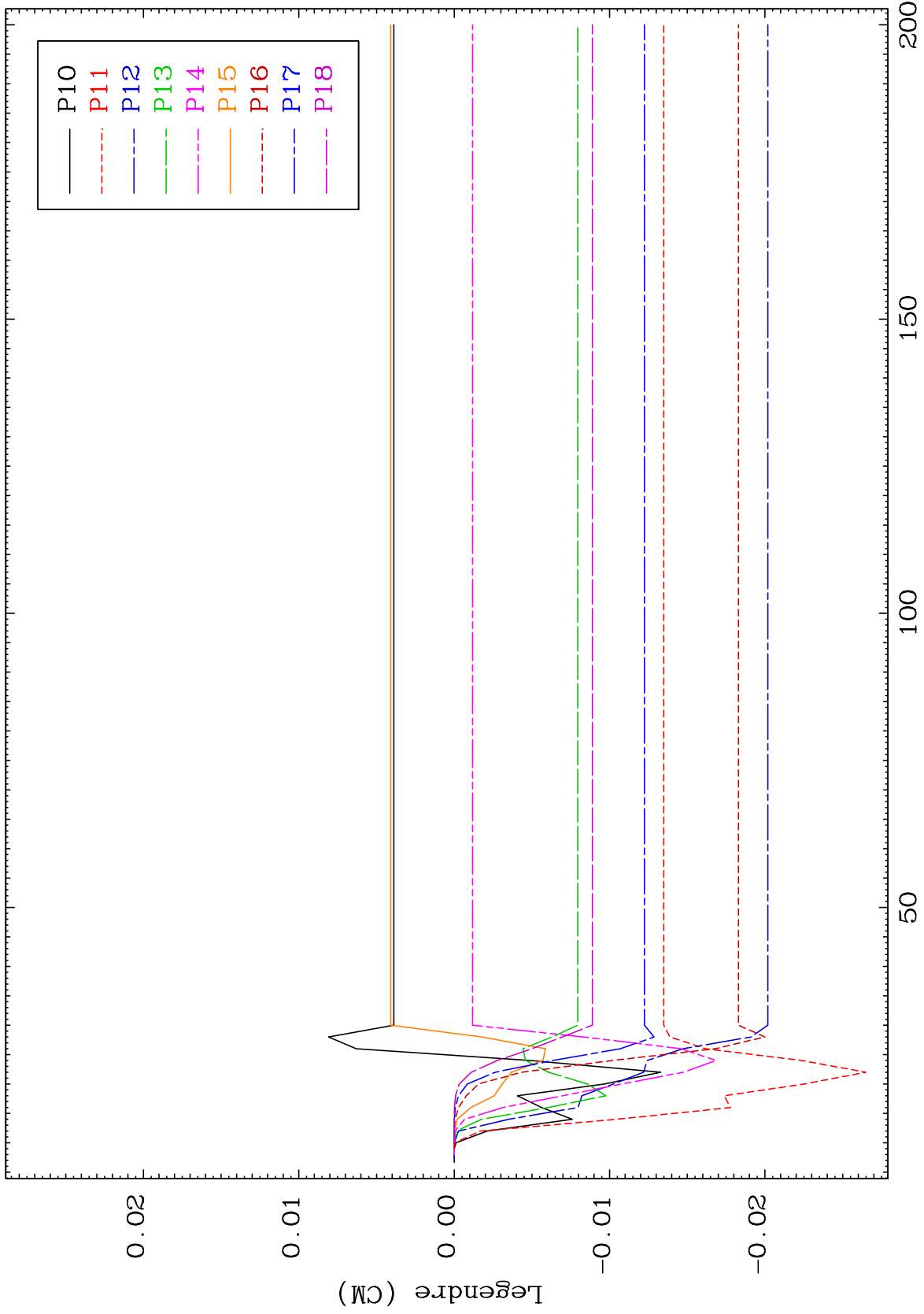


76 Incident Energy (MeV) 50-Sn-132

MAT 5085

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

50-Sn-132

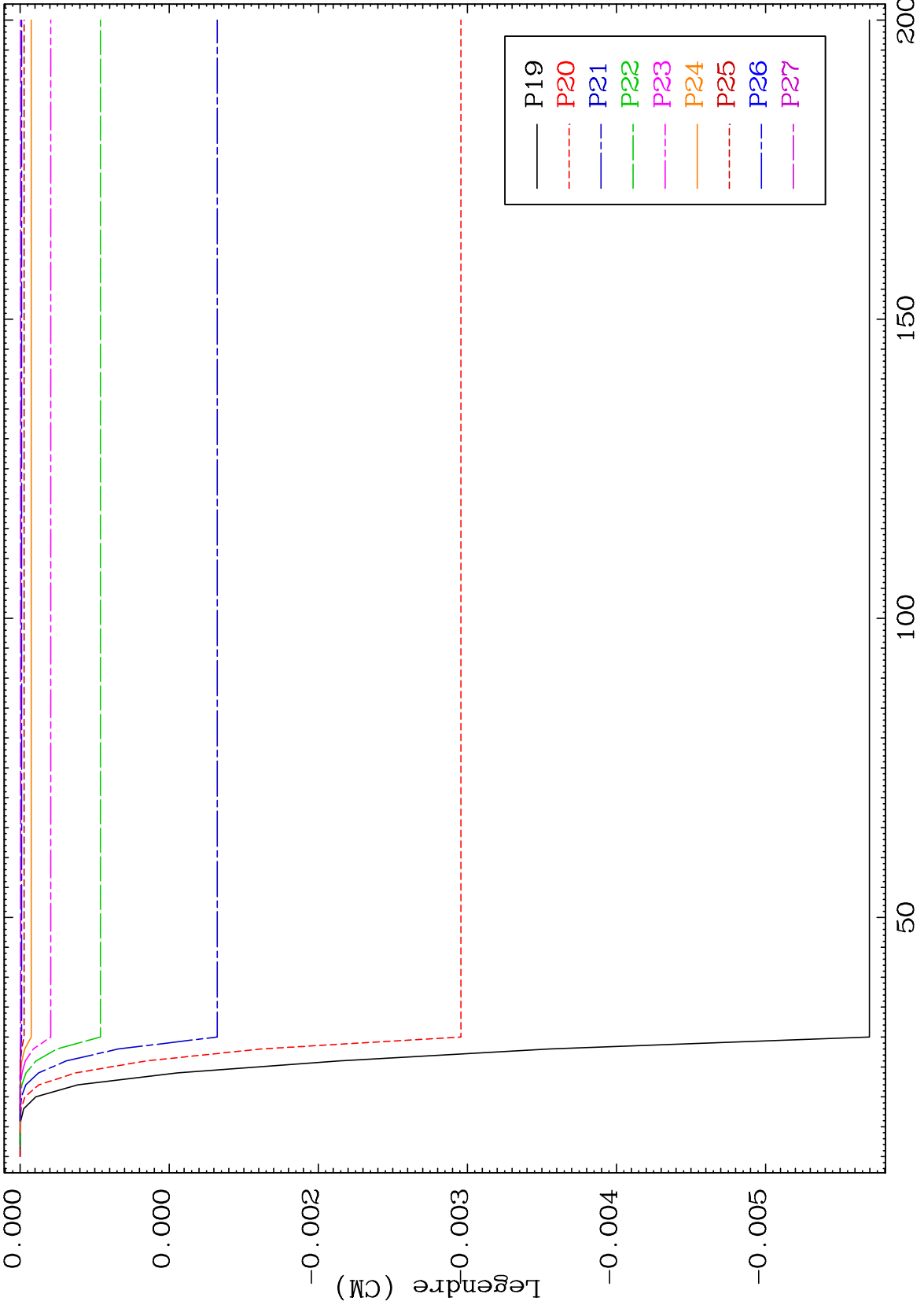


77

Incident Energy (MeV)

50-Sn-132

MAT 5085 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-132

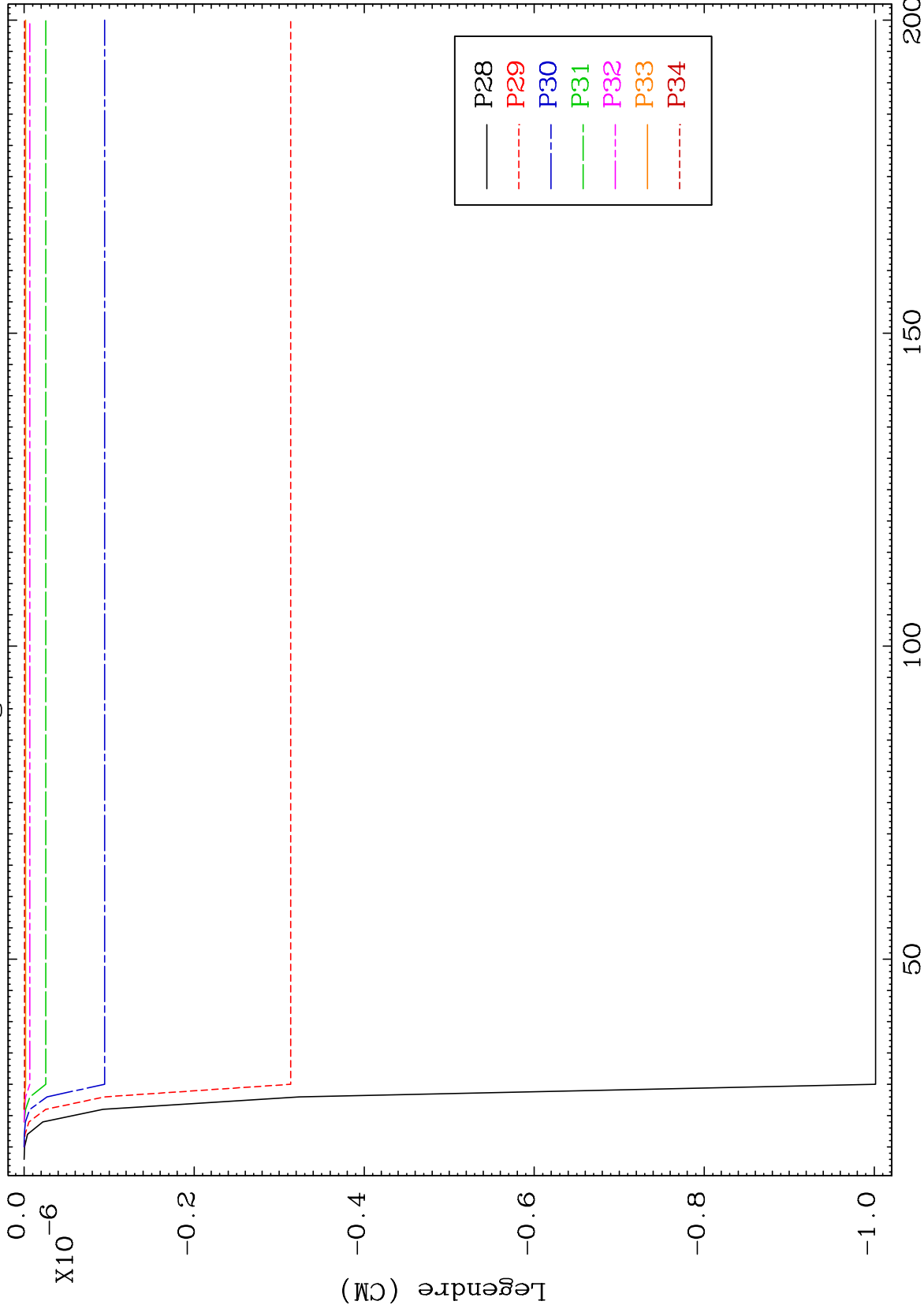


78 50-Sn-132

MAT 5085

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

50-Sn-132

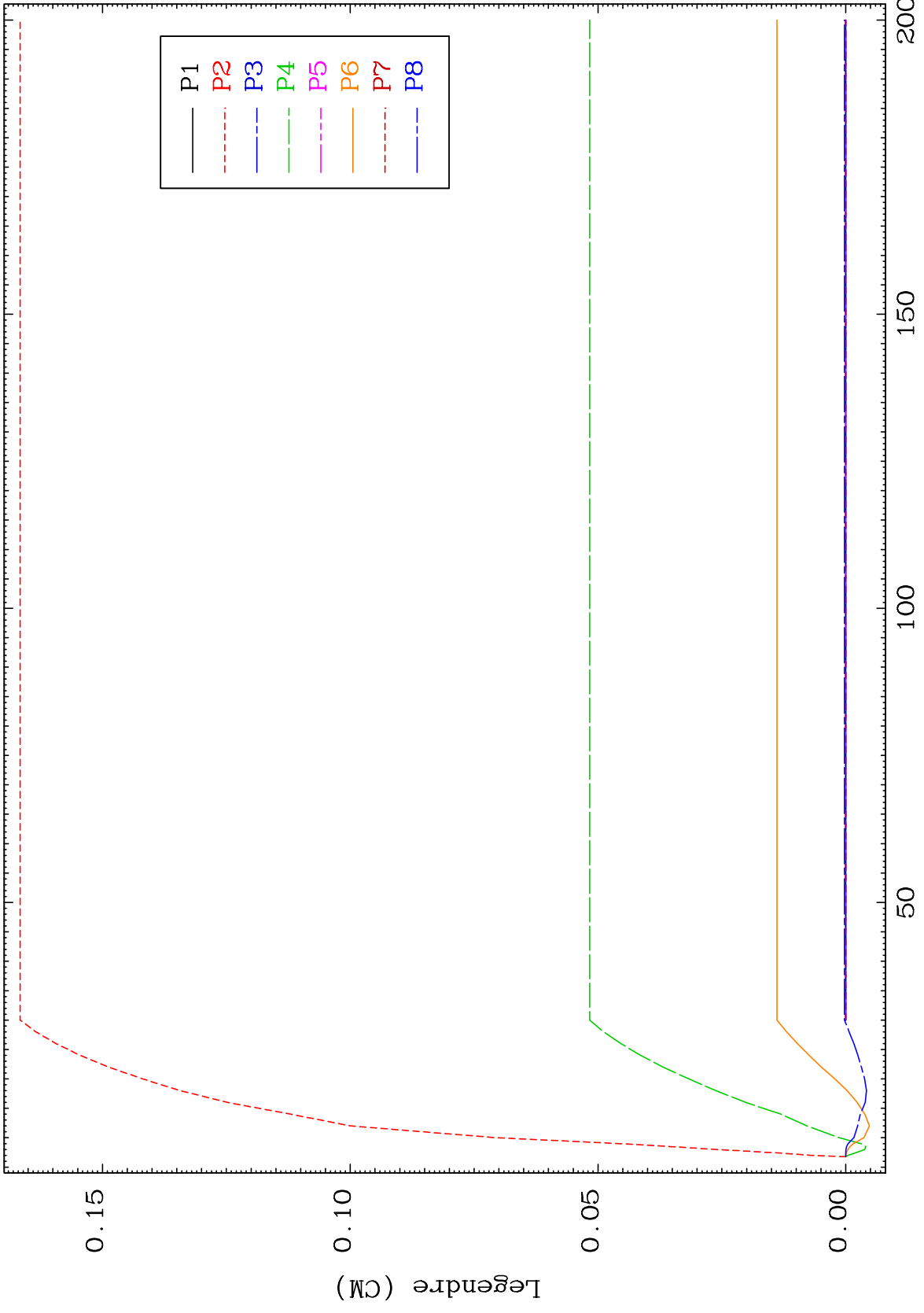


50-Sn-132

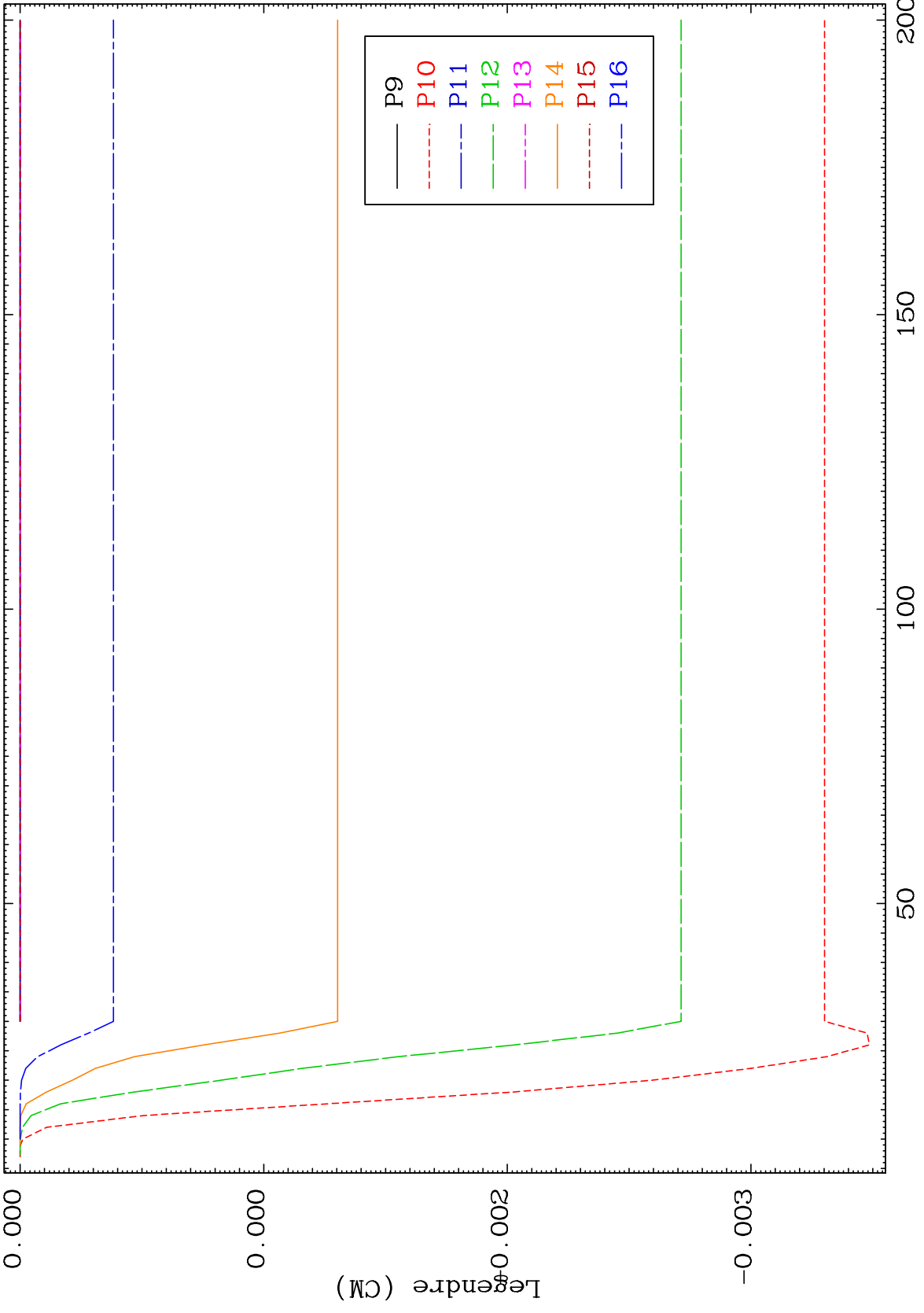
Incident Energy (MeV)

79

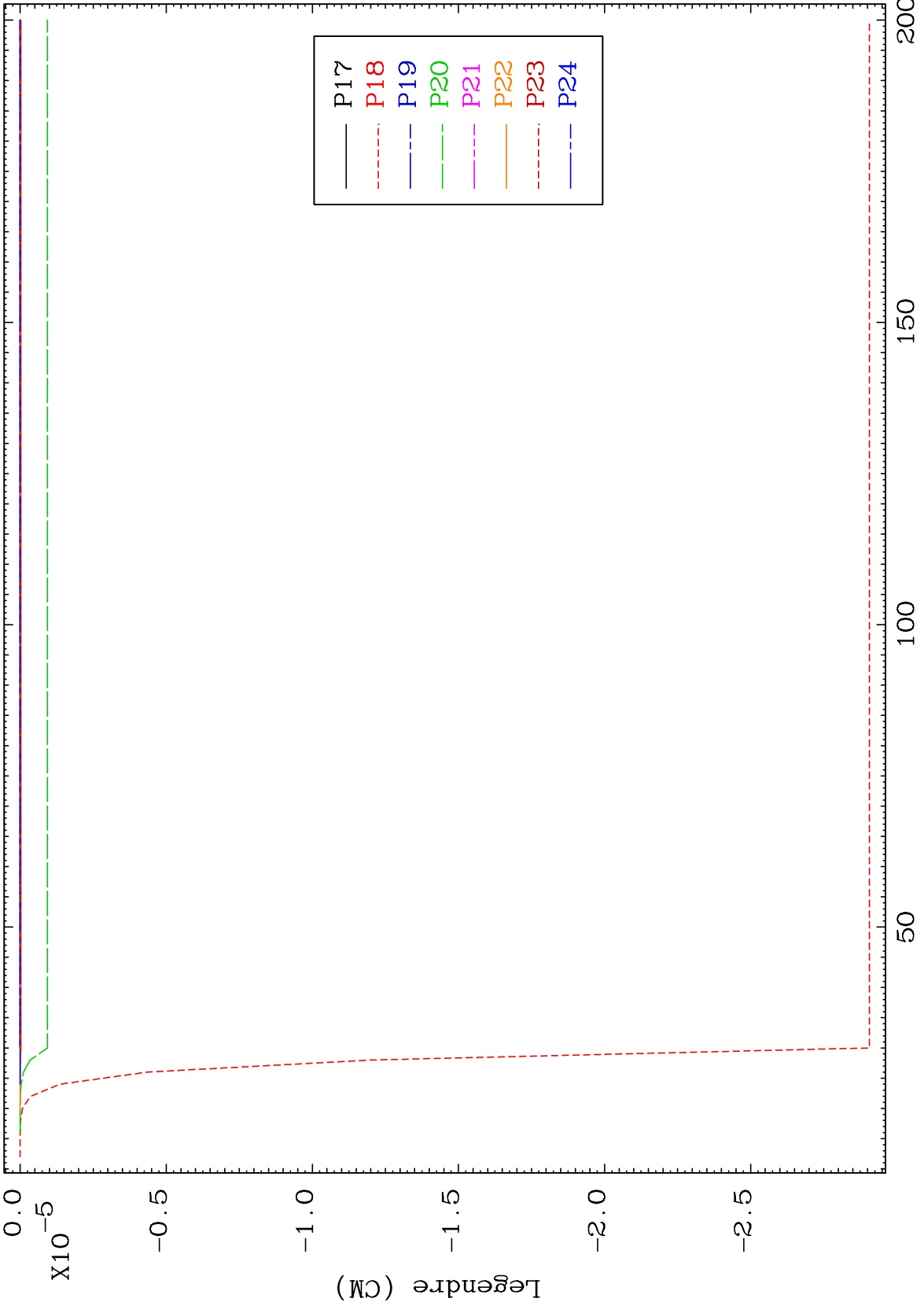
MAT 5085 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-132



MAT 5085 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-132



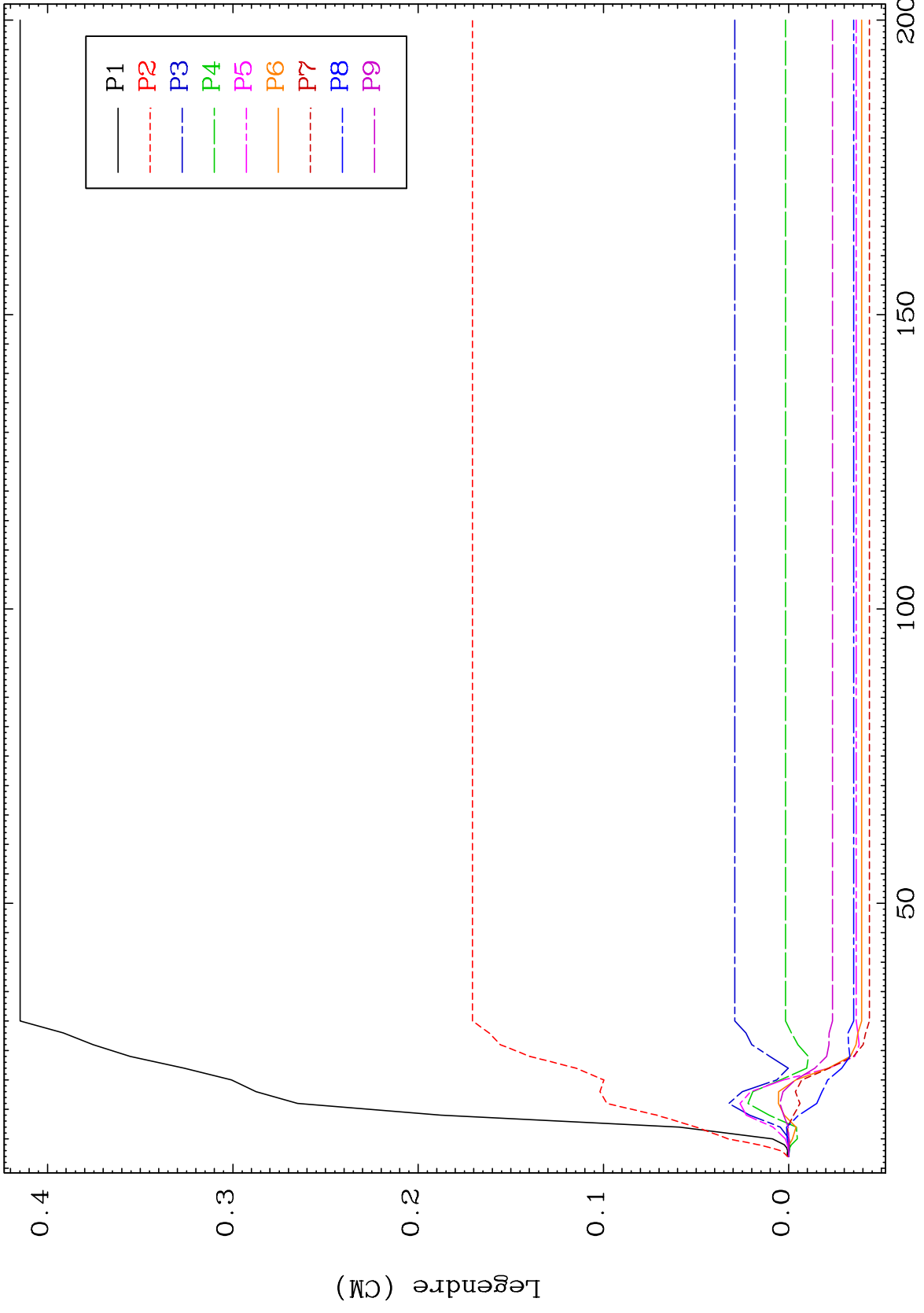
MAT 5085 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-132



MAT 5085

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

50-Sn-132

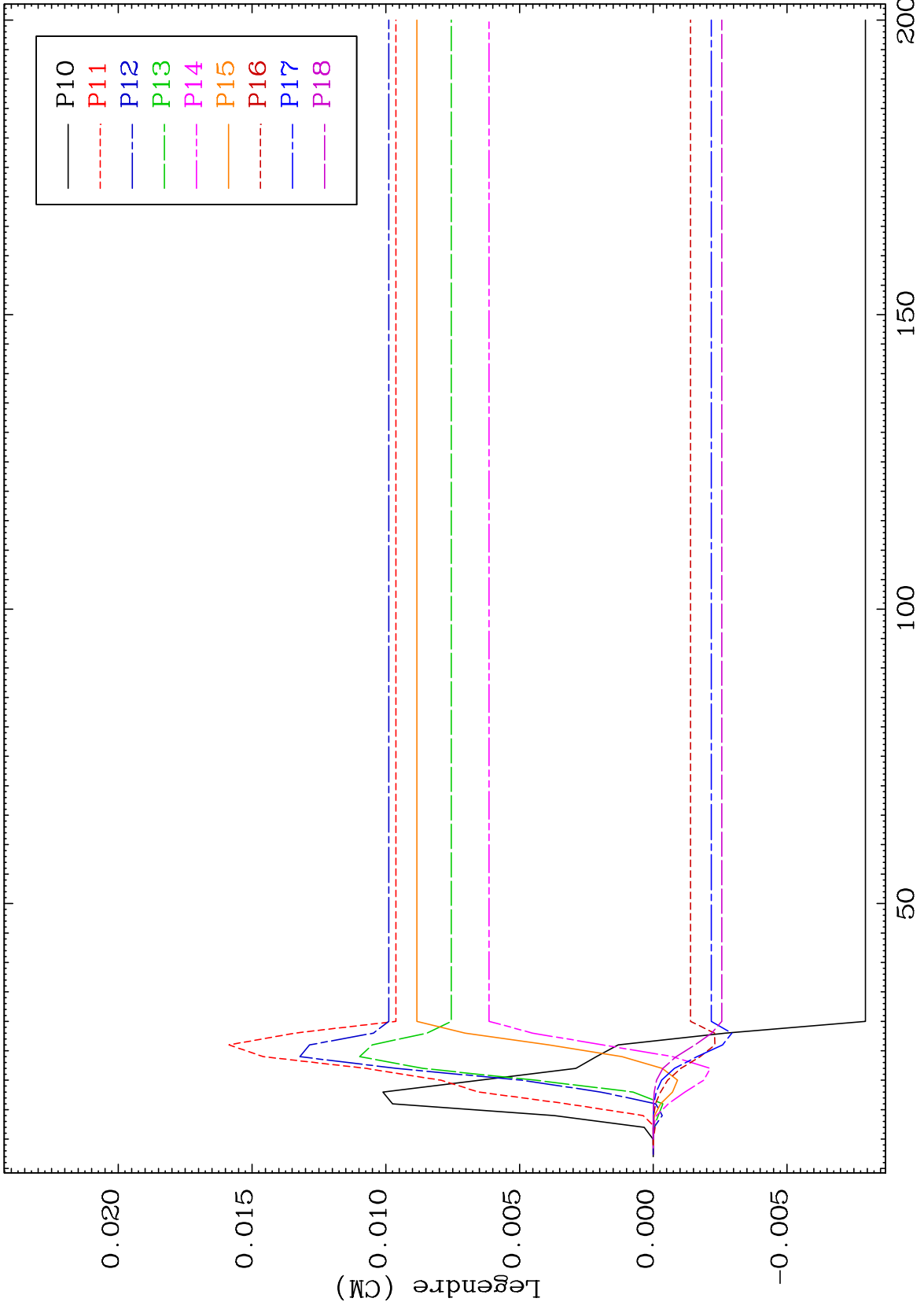


83

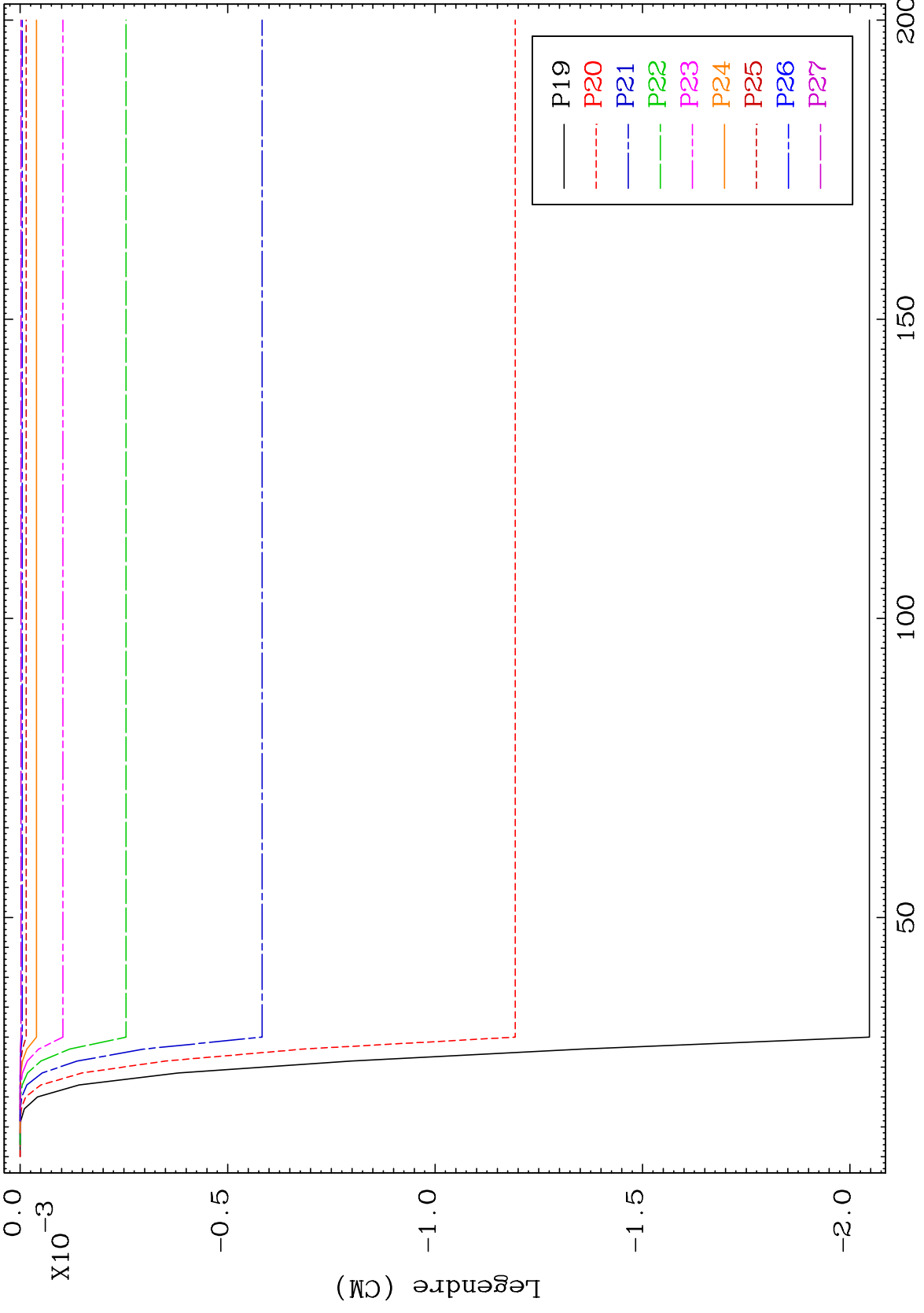
Incident Energy (MeV)

50-Sn-132

MAT 5085 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-132



MAT 5085 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-132

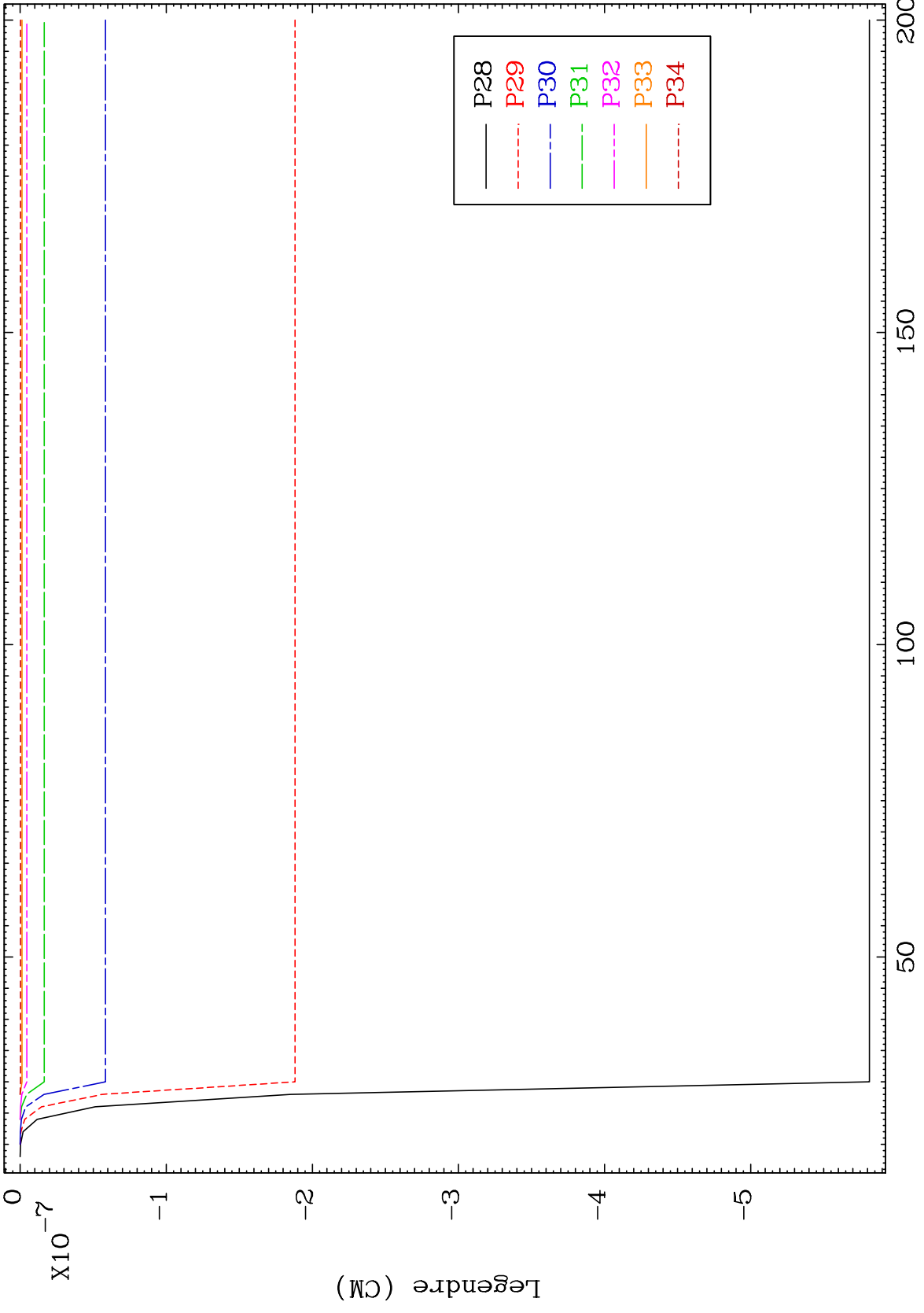


85

Incident Energy (MeV)

50-Sn-132

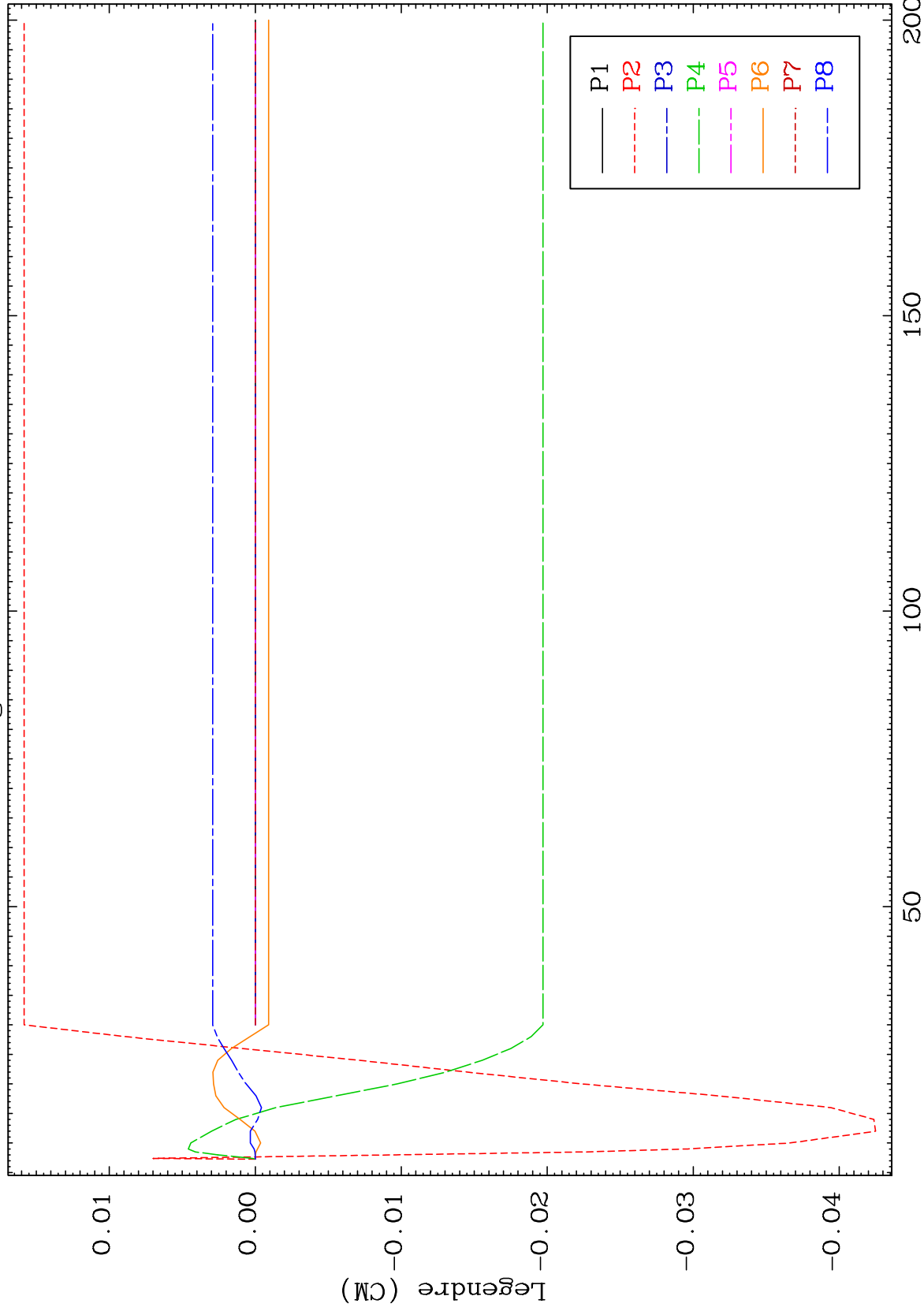
MAT 5085 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-132



MAT 5085

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

50-Sn-132



87

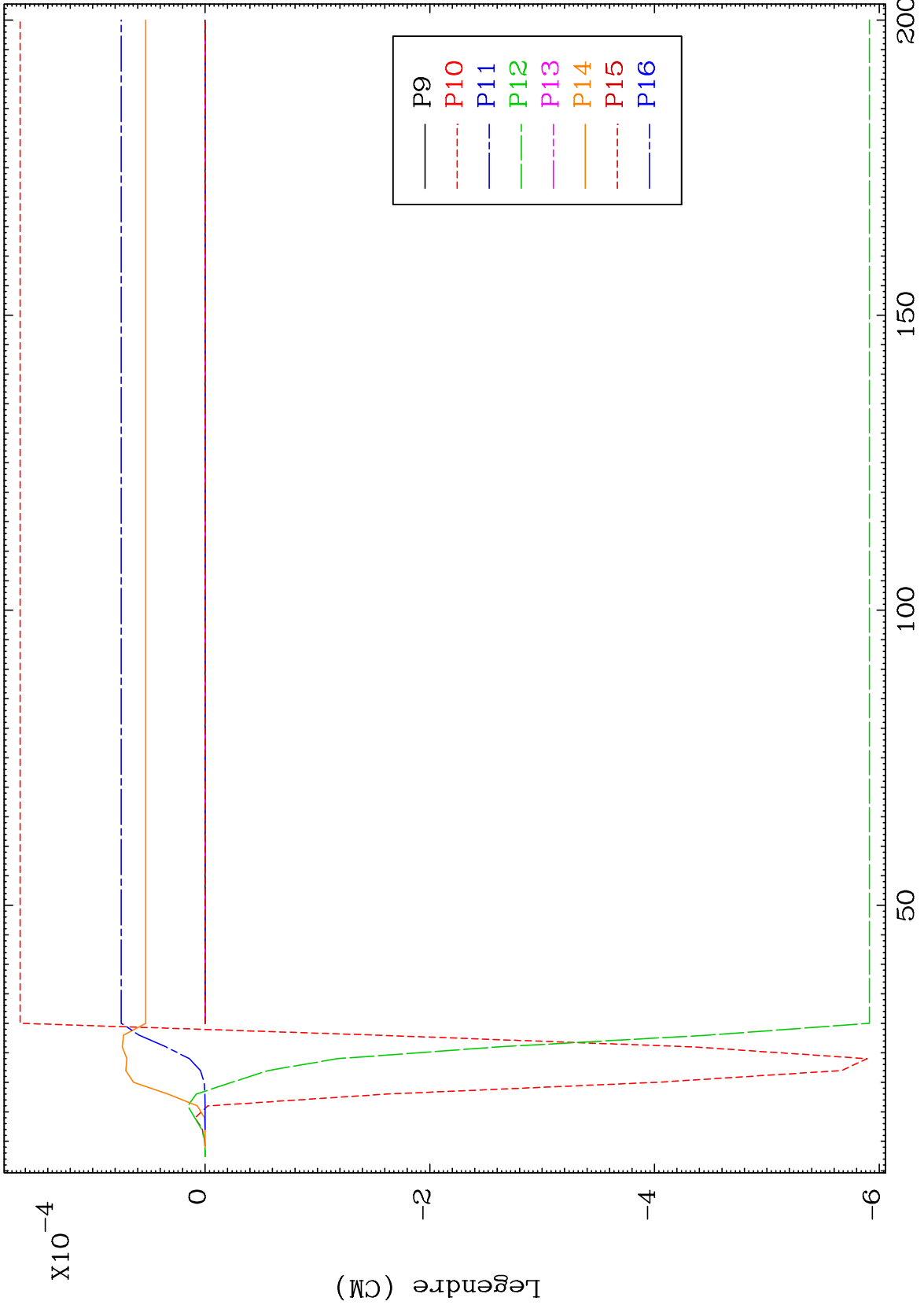
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132

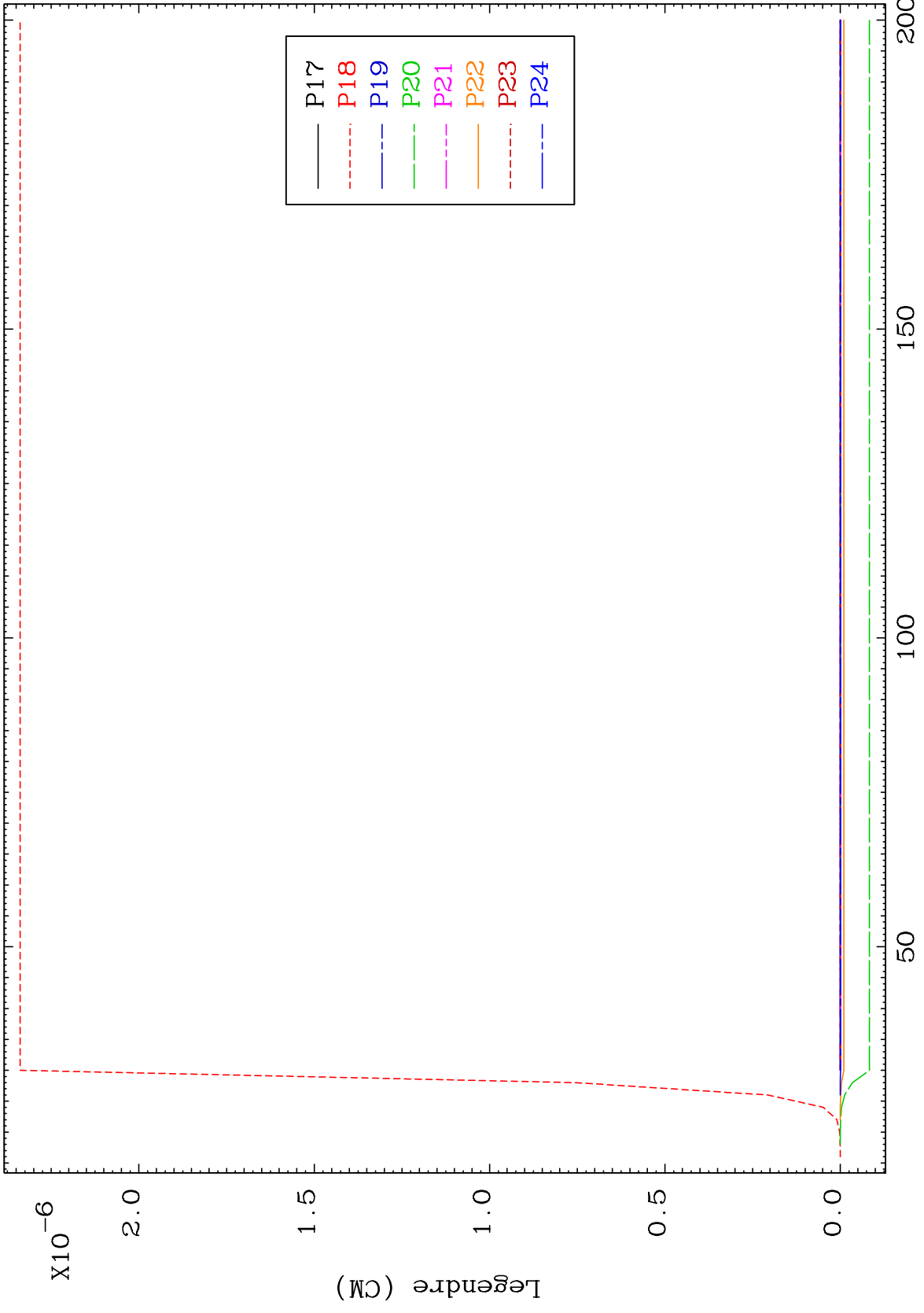


88

Incident Energy (MeV)

50-Sn-132

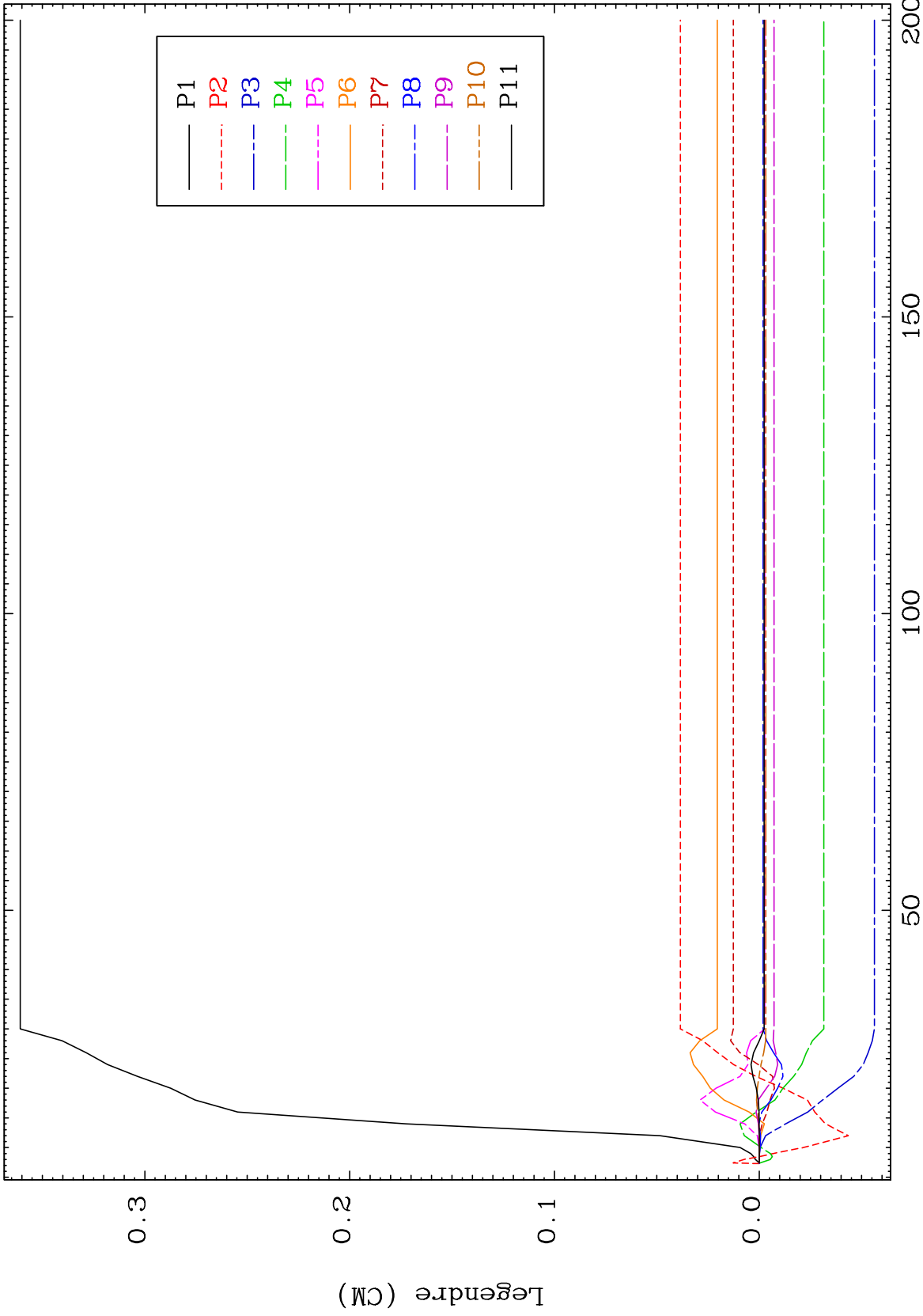
MAT 5085 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-132



MAT 5085

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

50-Sn-132

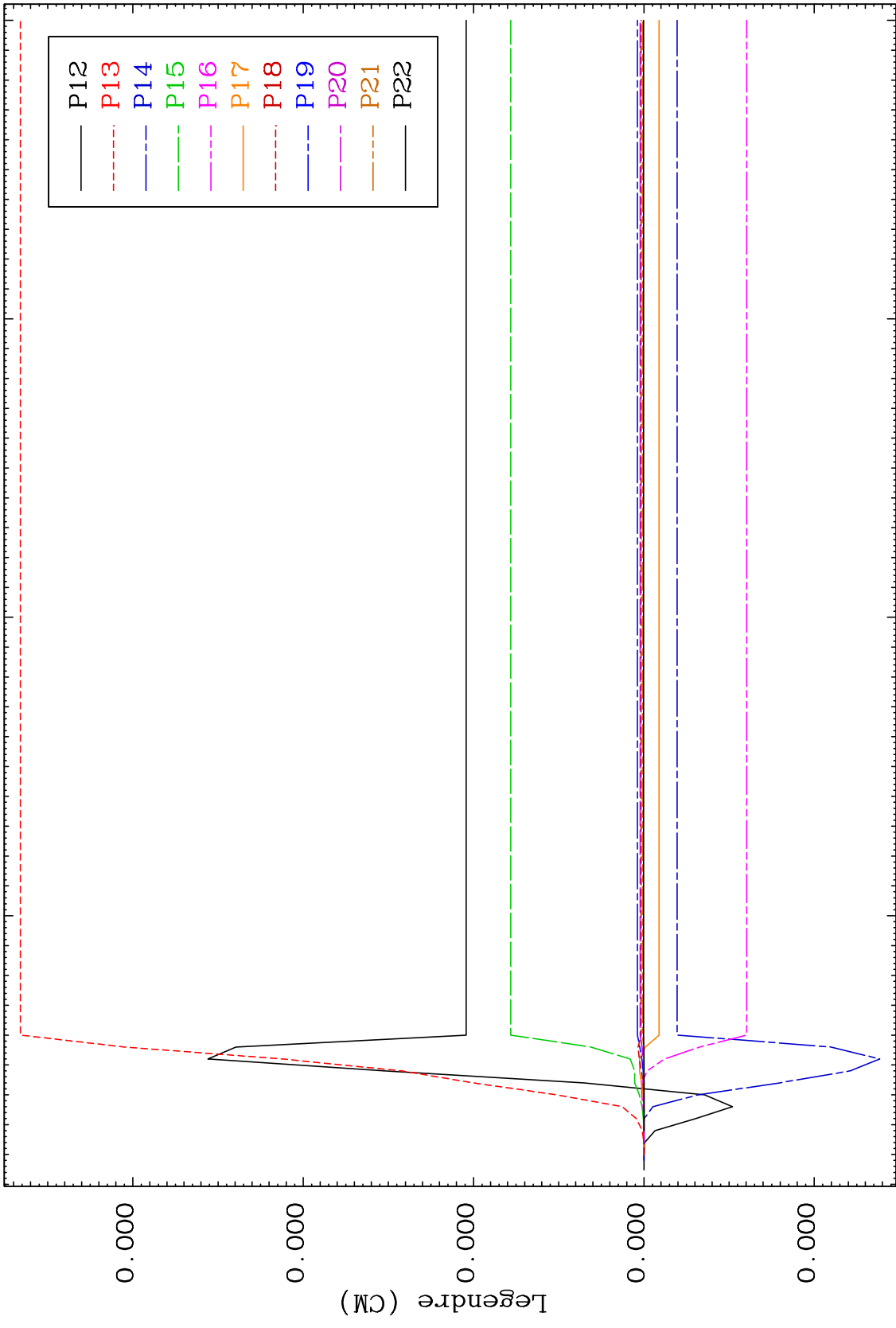


90

Incident Energy (MeV)

50-Sn-132

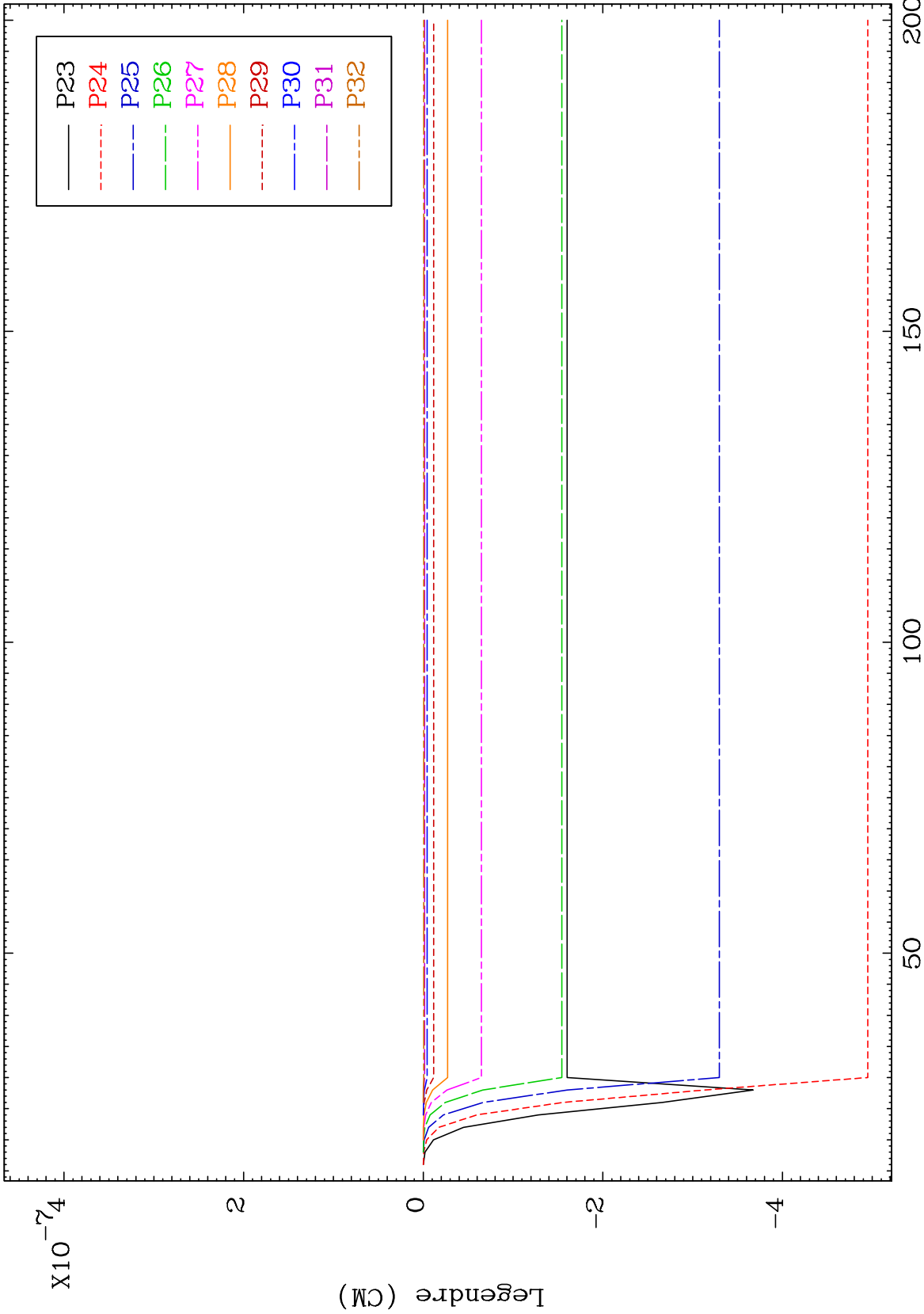
MAT 5085 MT= 72 (n,n') Level Legendre Coefficients 50-Sn-132



MAT 5085

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

50-Sn-132



92

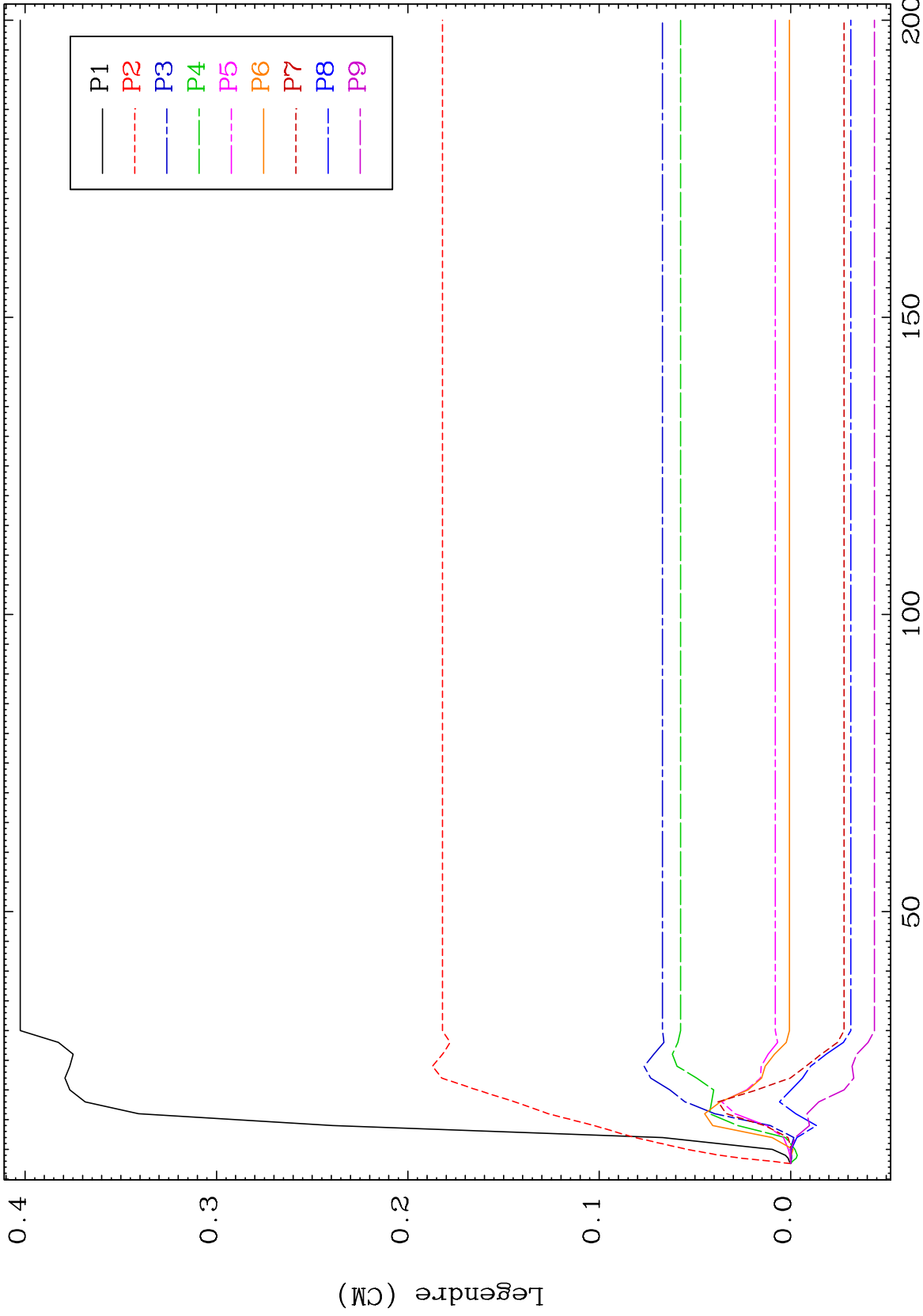
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132



93

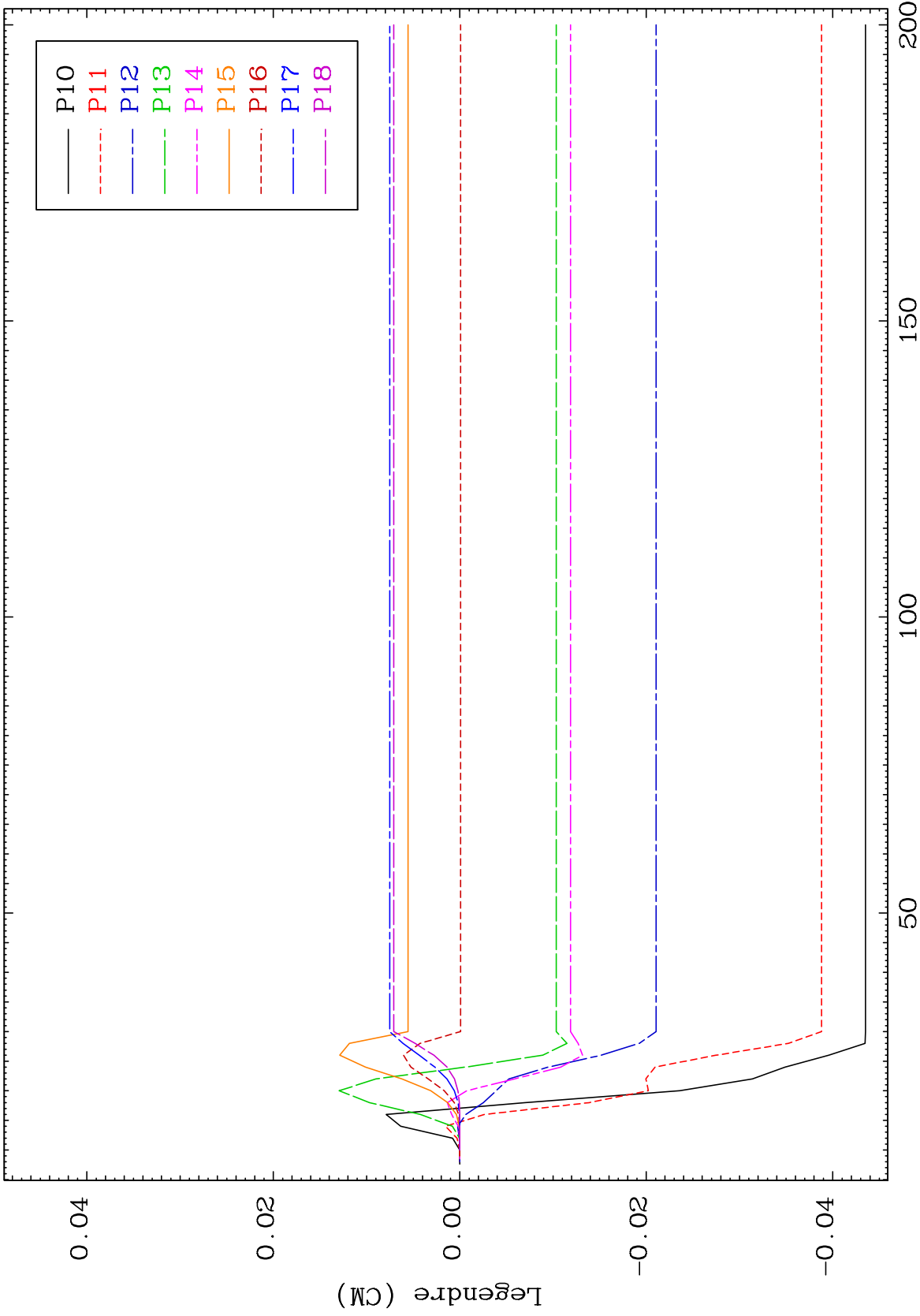
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132

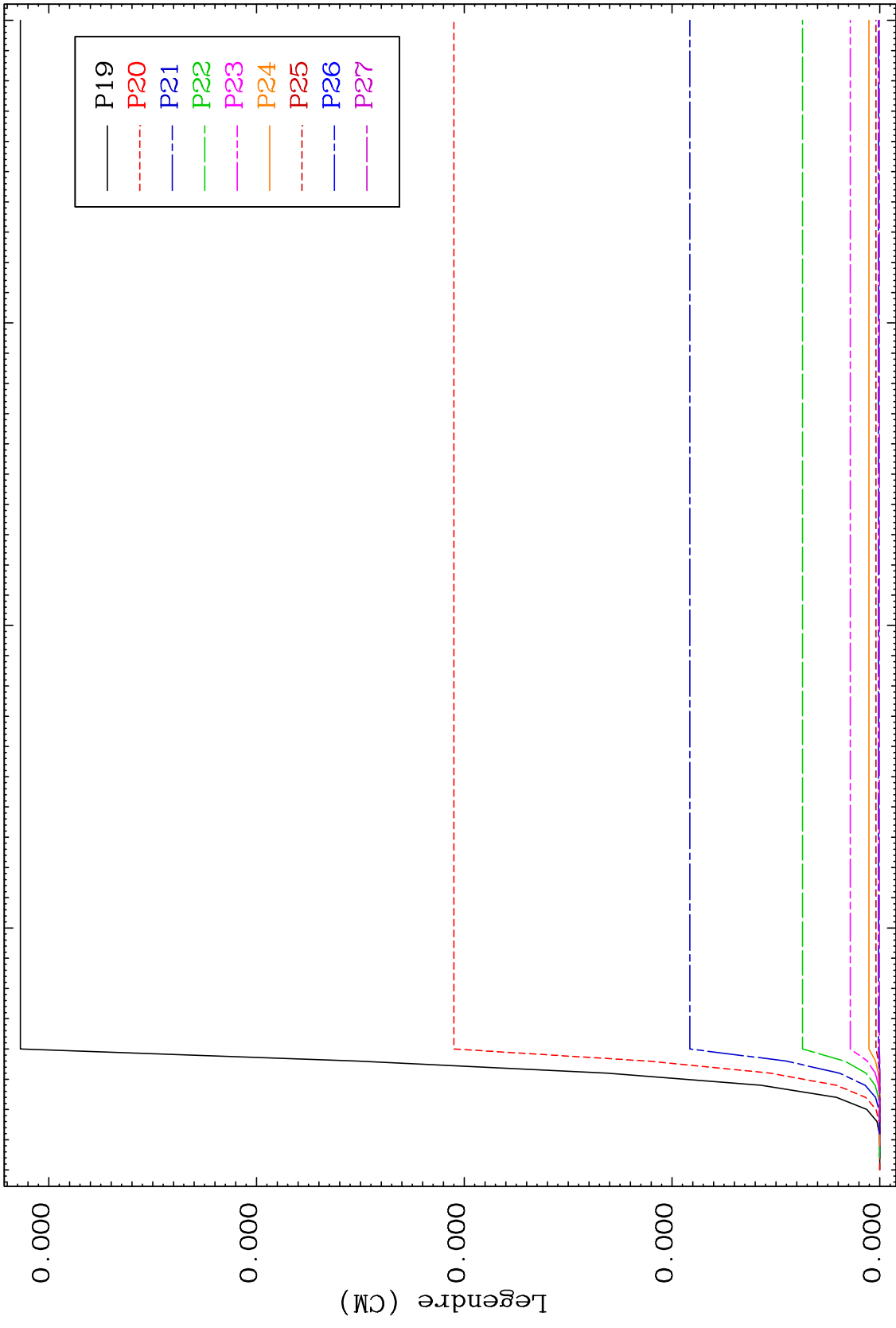


94

Incident Energy (MeV)

50-Sn-132

MAT 5085 MT= 73 (n,n') Level Legendre Coefficients 50-Sn-132

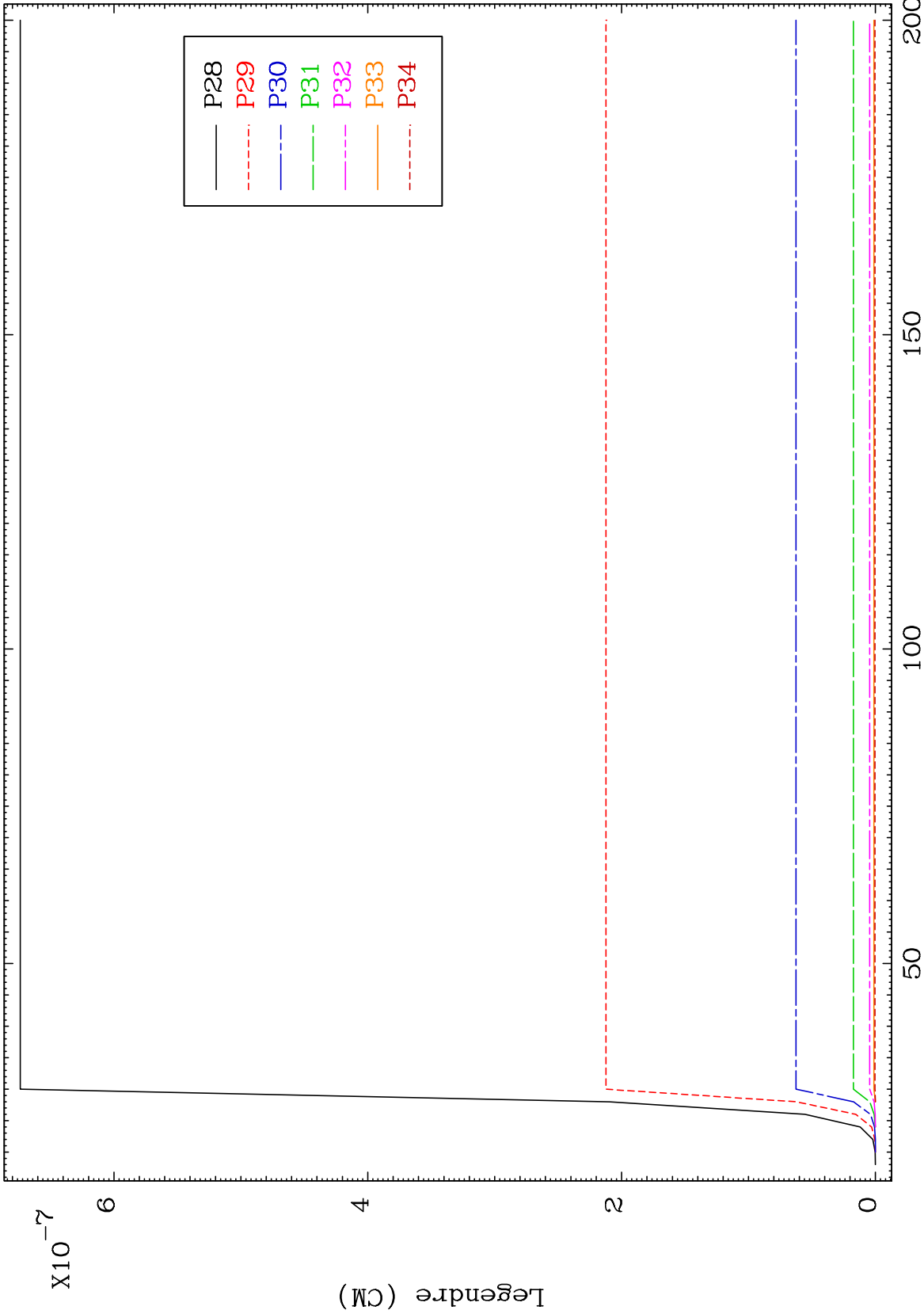


95 50 100 150 200 Incident Energy (MeV) 50-Sn-132

MAT 5085

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

50-Sn-132



96

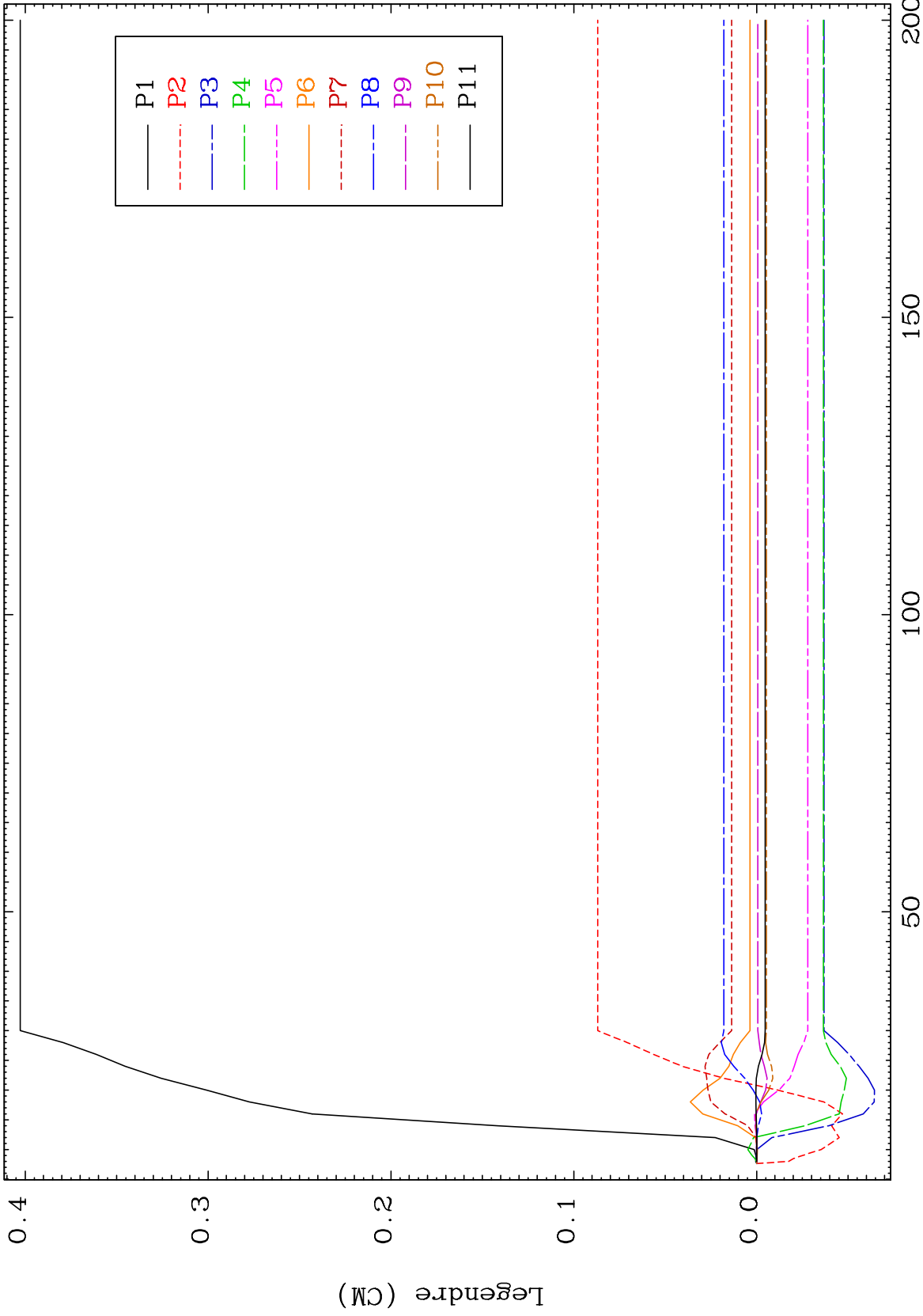
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132

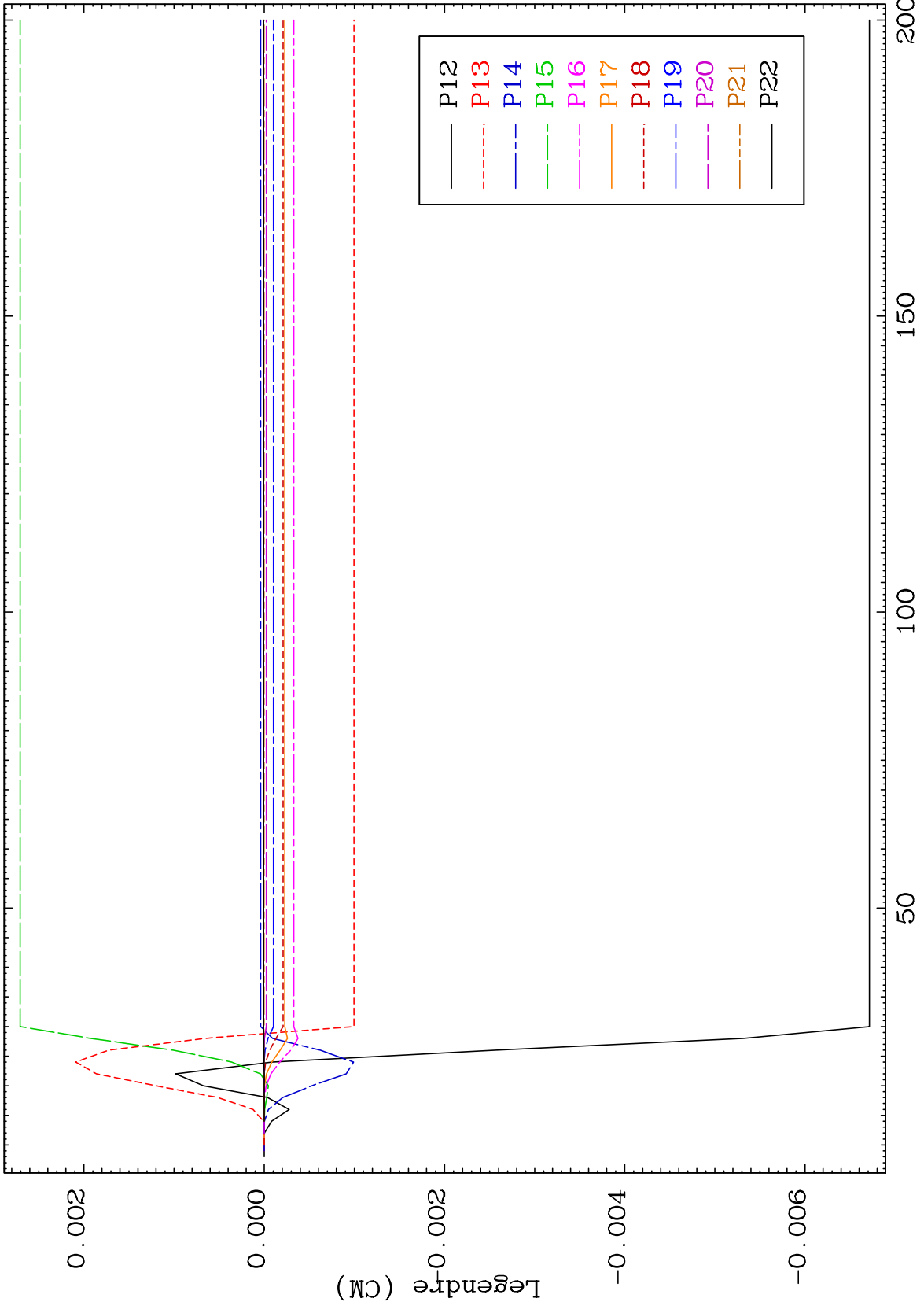


97

Incident Energy (MeV)

50-Sn-132

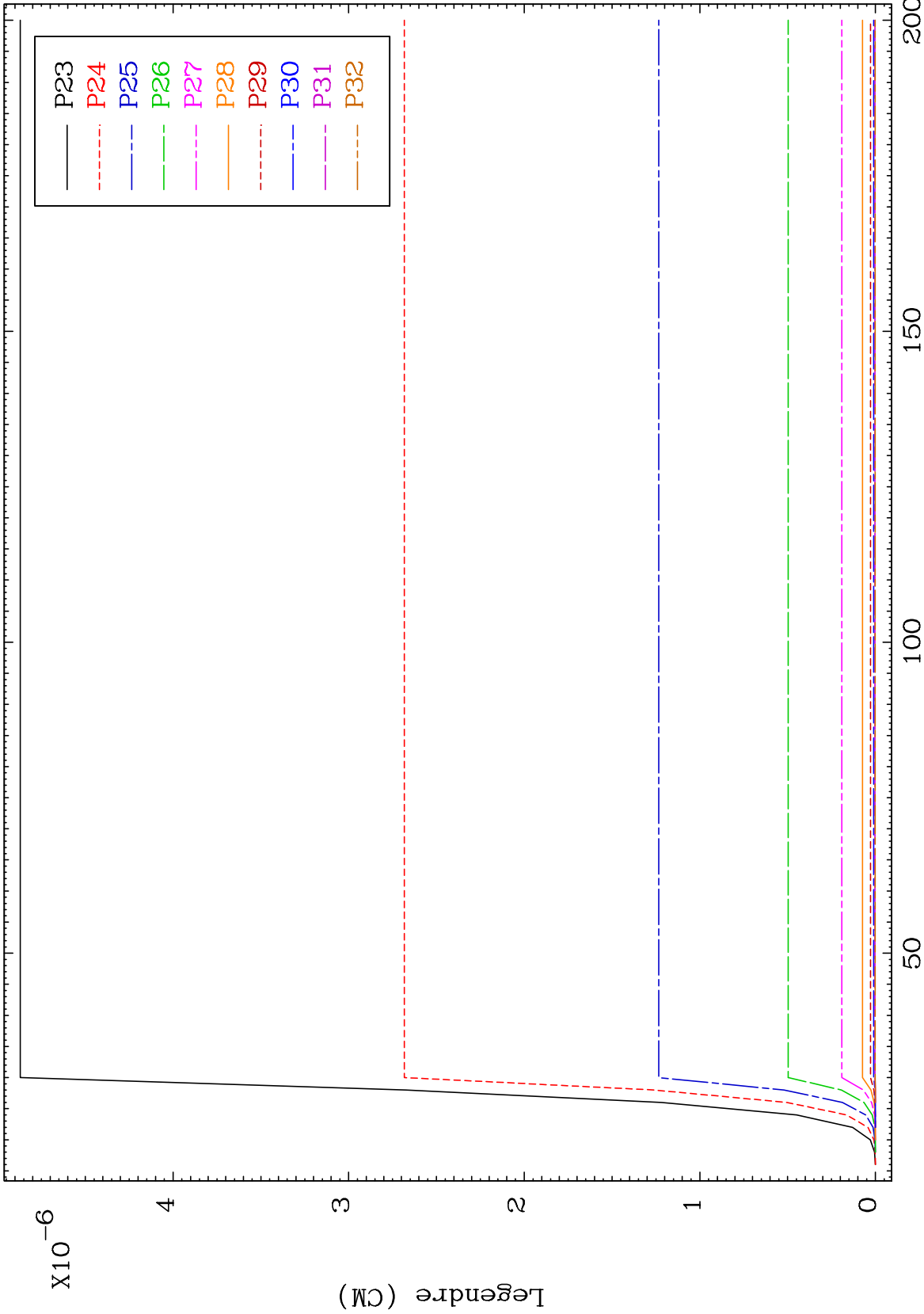
MAT 5085 MT= 74 (n,n') Level Legendre Coefficients 50-Sn-132



MAT 5085

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

50-Sn-132

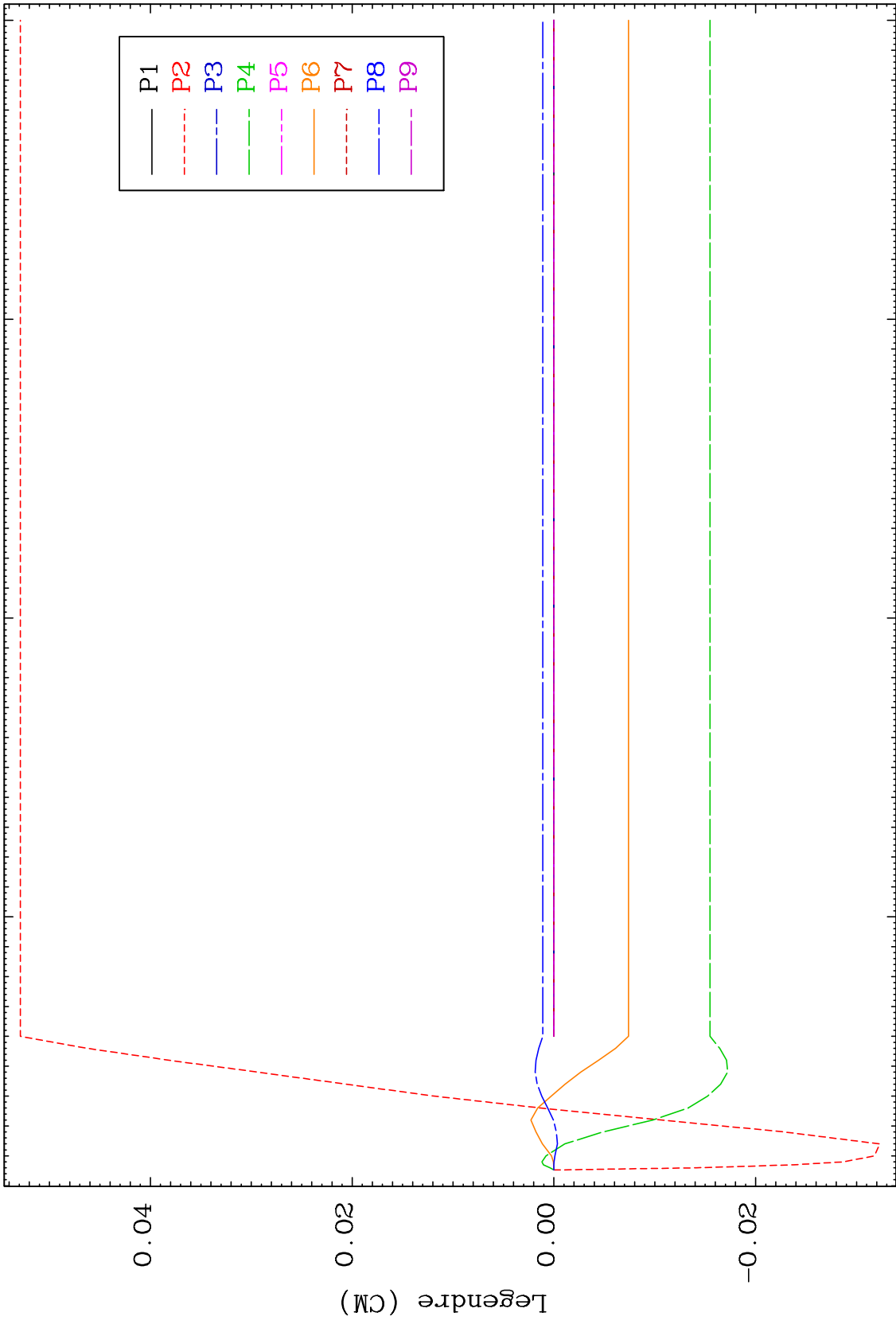


99

Incident Energy (MeV)

50-Sn-132

MAT 5085 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-132

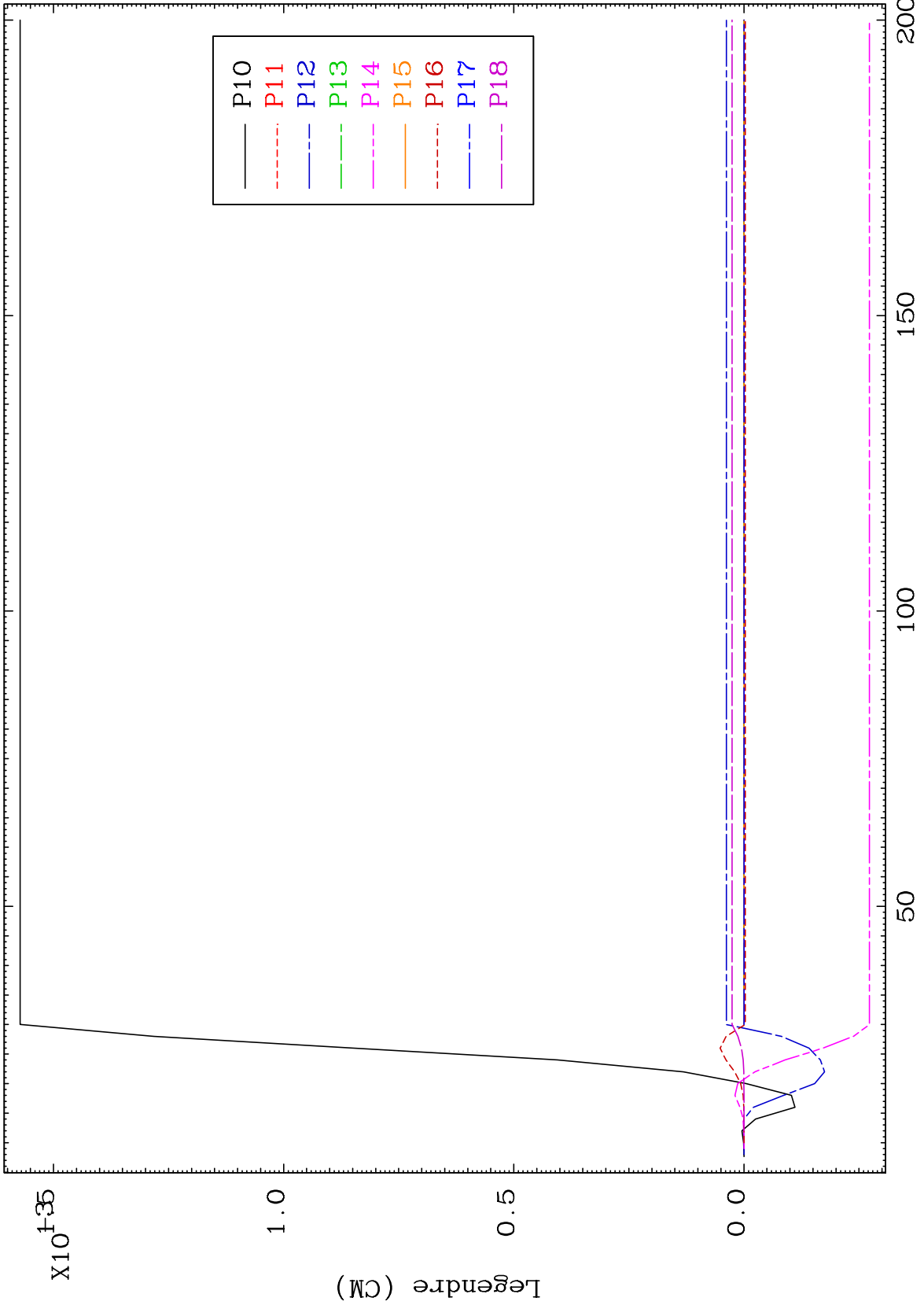


Incident Energy (MeV) 50-Sn-132

MAT 5085

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

50-Sn-132

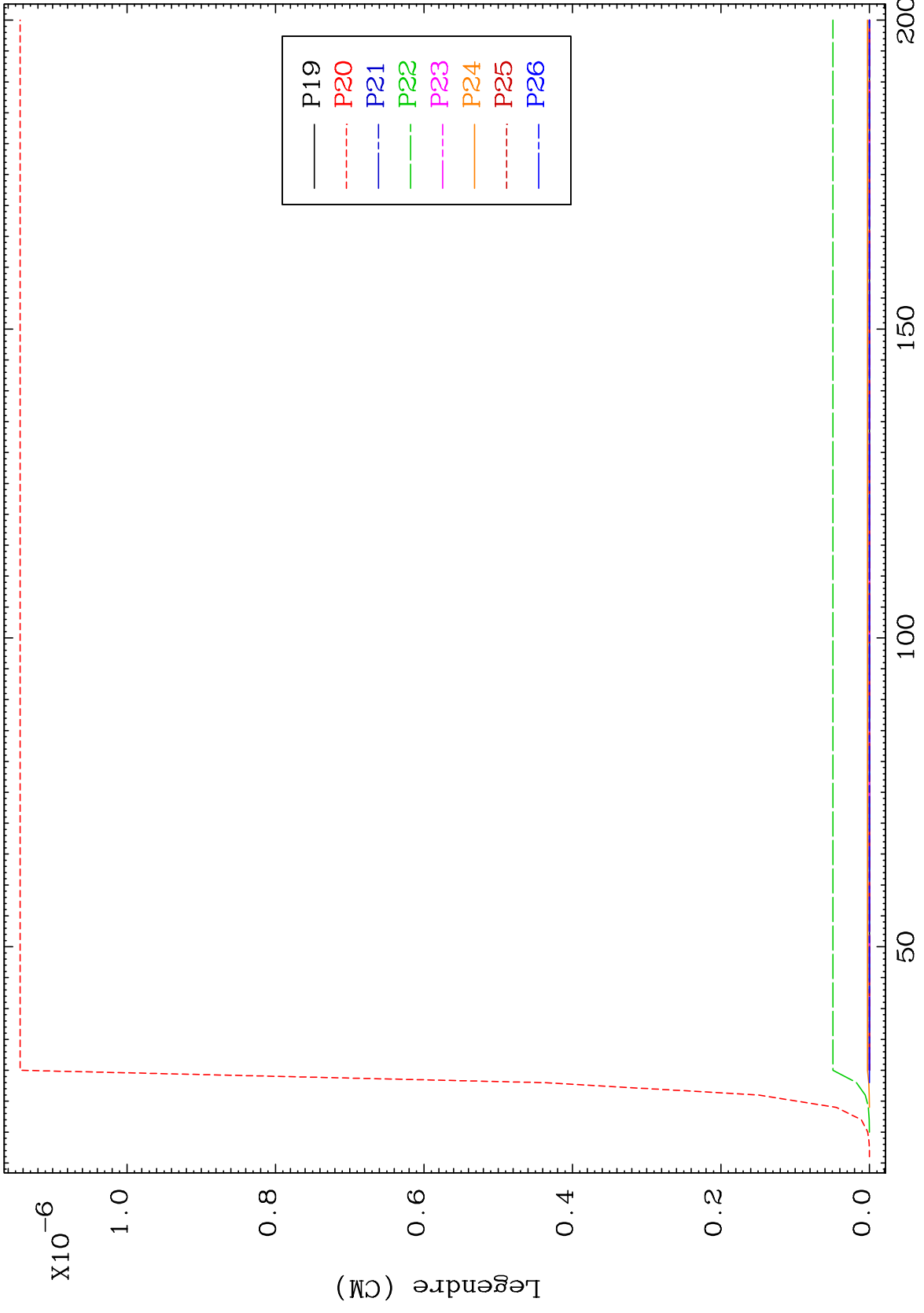


101

Incident Energy (MeV)

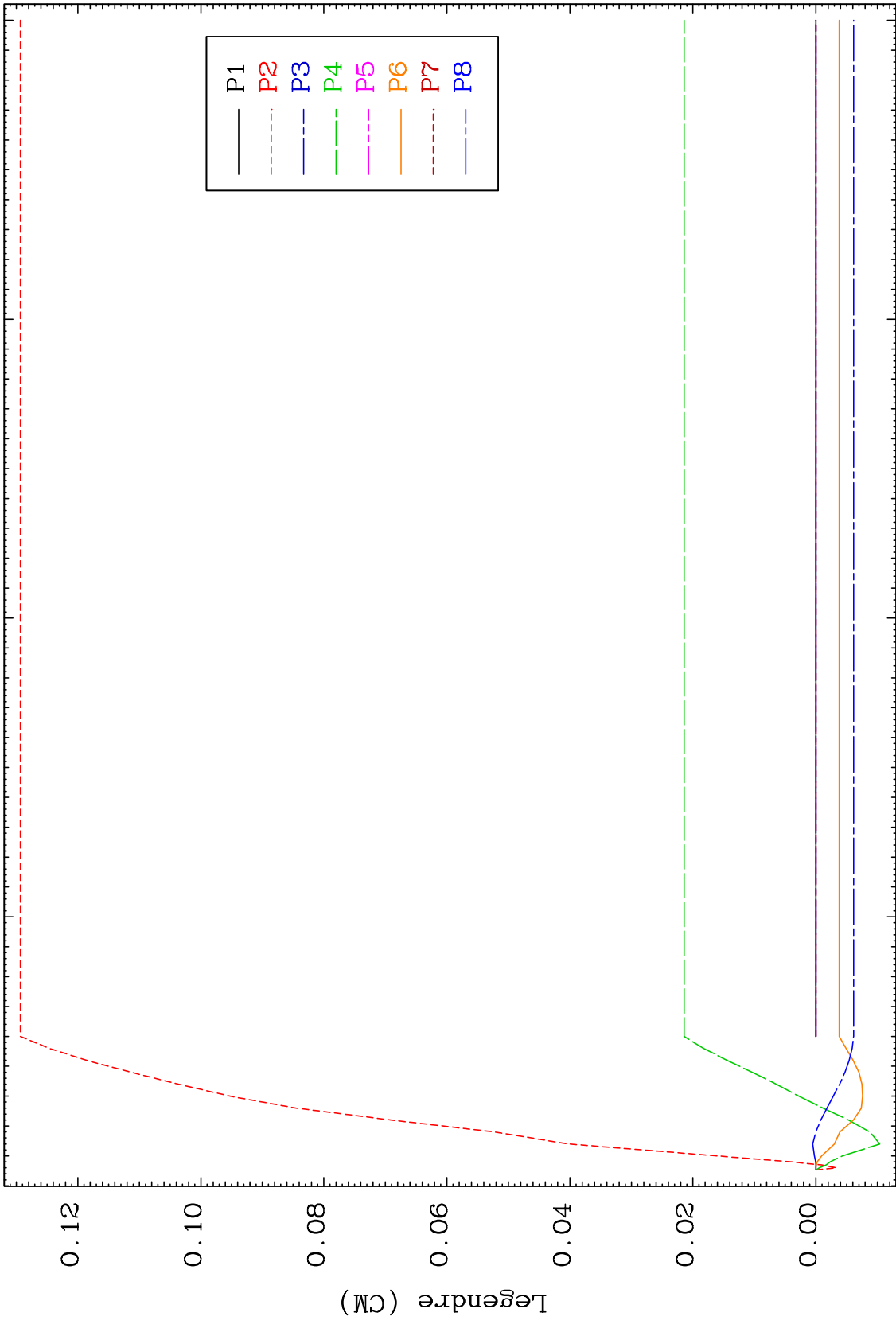
50-Sn-132

MAT 5085 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-132



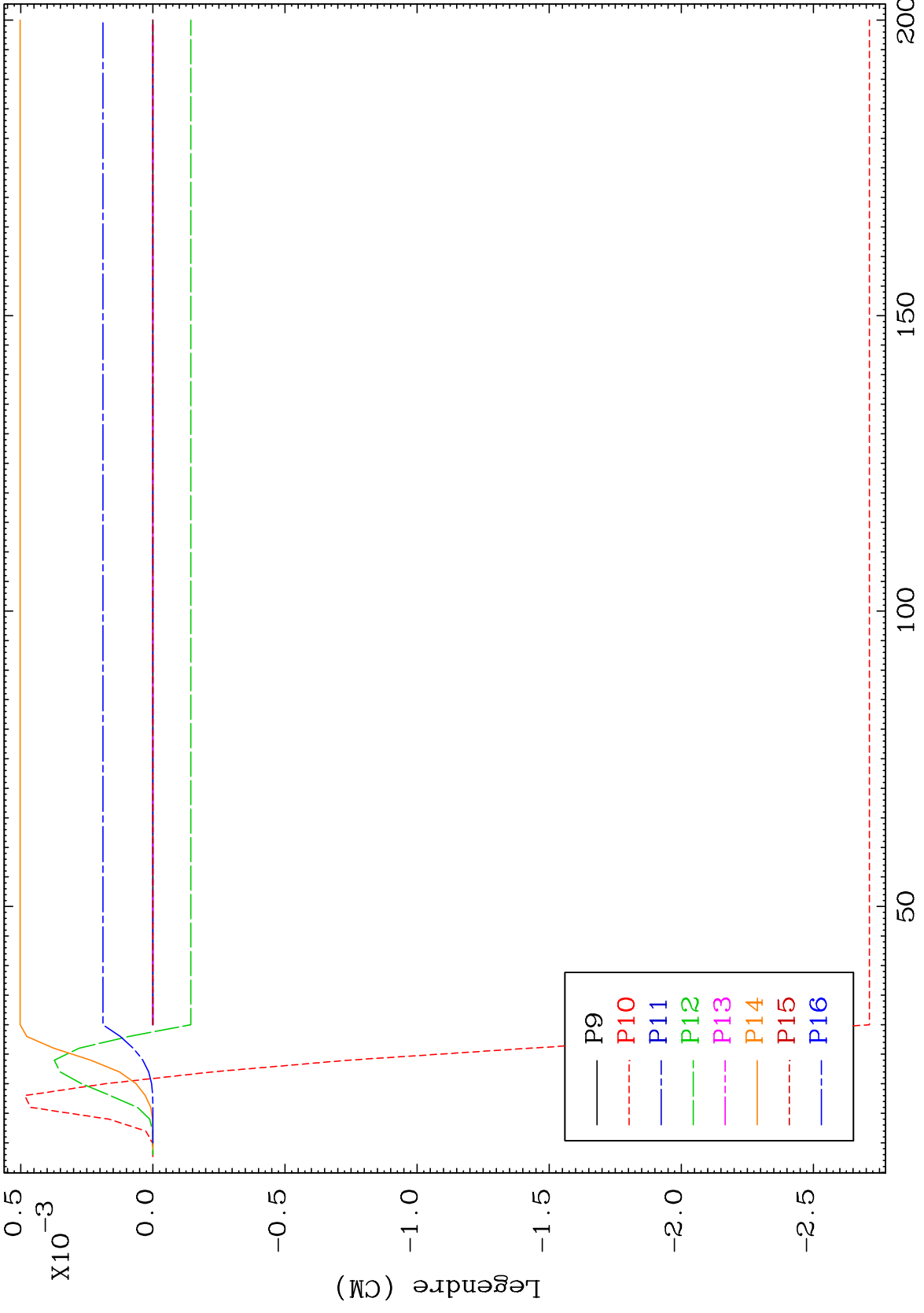
102 50 100 150 200 Incident Energy (MeV) 50-Sn-132

MAT 5085 MT= 76 (n,n') Level Legendre Coefficients 50-Sn-132

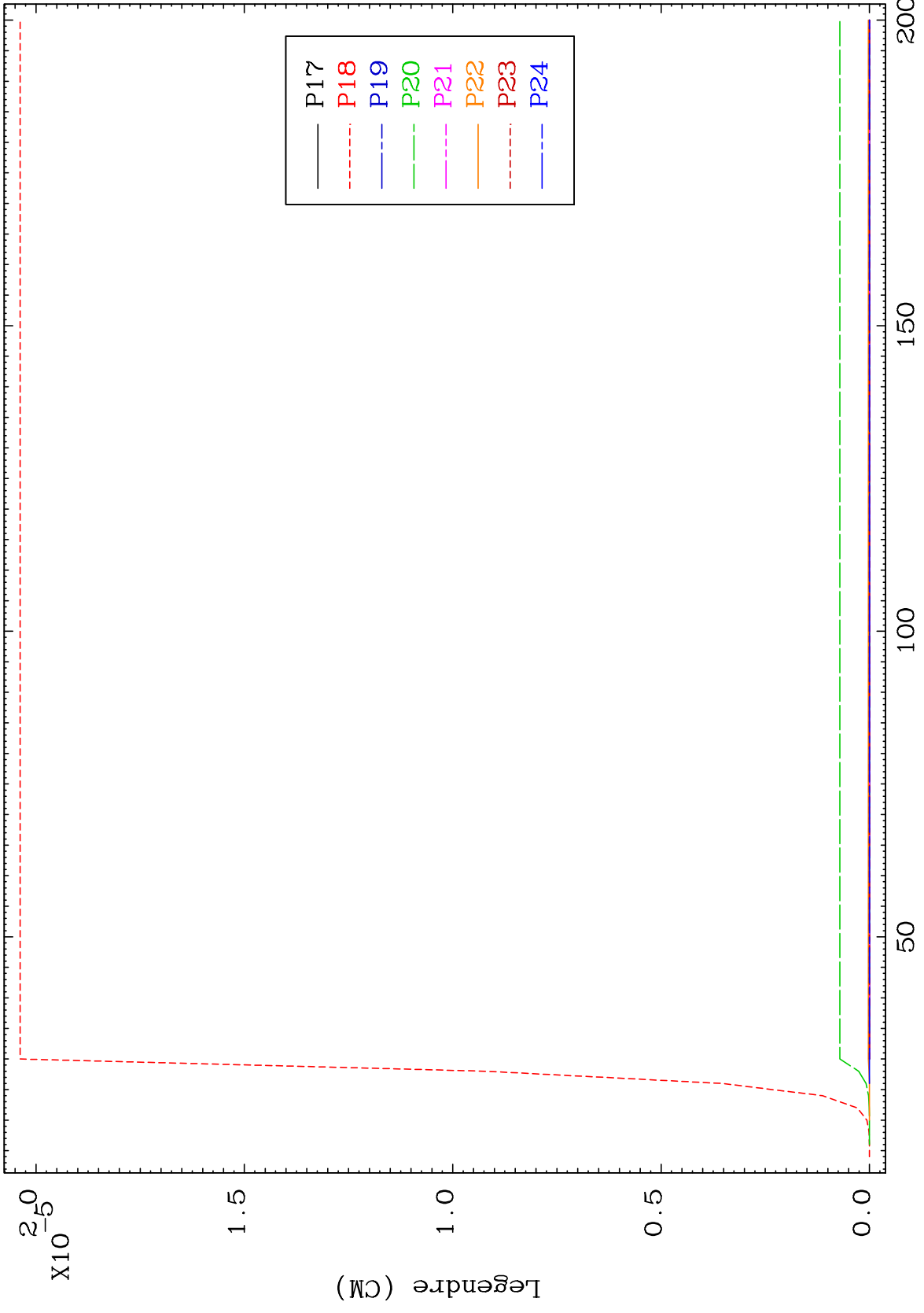


Legendre (CM) Incident Energy (MeV) 50-Sn-132

MAT 5085 MT= 76 (n,n') Level Legendre Coefficients 50-Sn-132



MAT 5085 MT= 76 (n,n') Level Legendre Coefficients 50-Sn-132

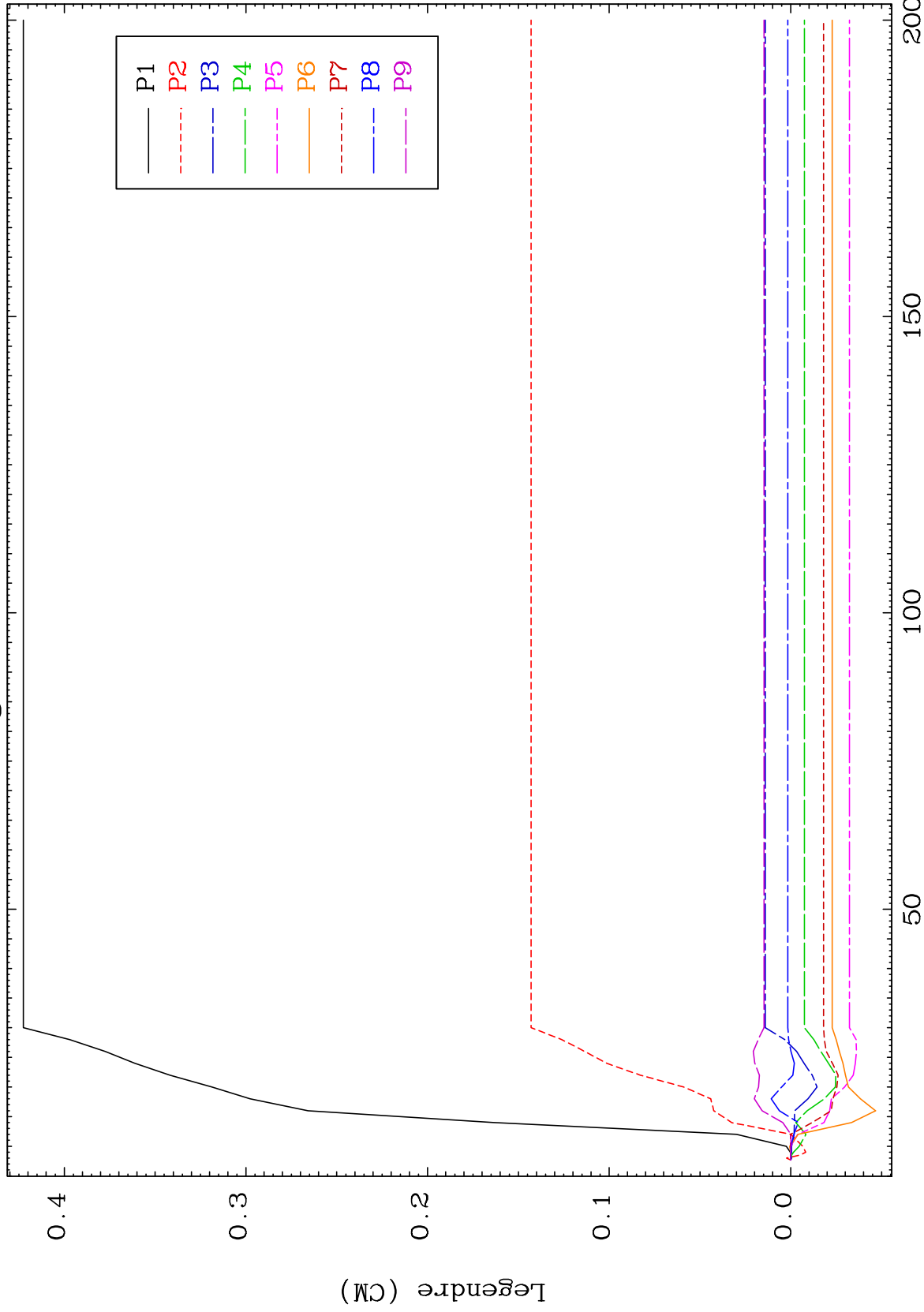


Incident Energy (MeV) 50-Sn-132

MAT 5085

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

50-Sn-132



106

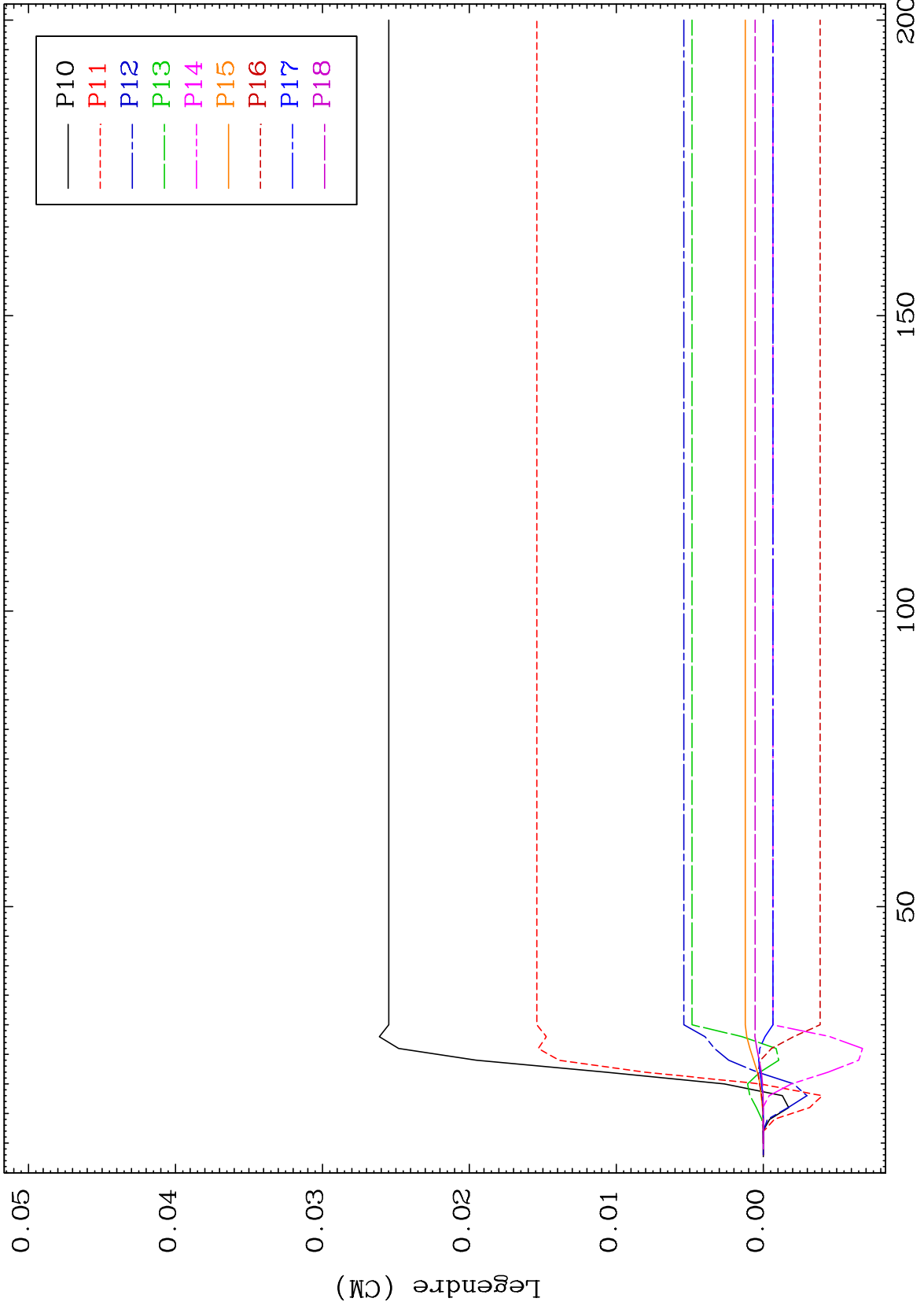
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132



107

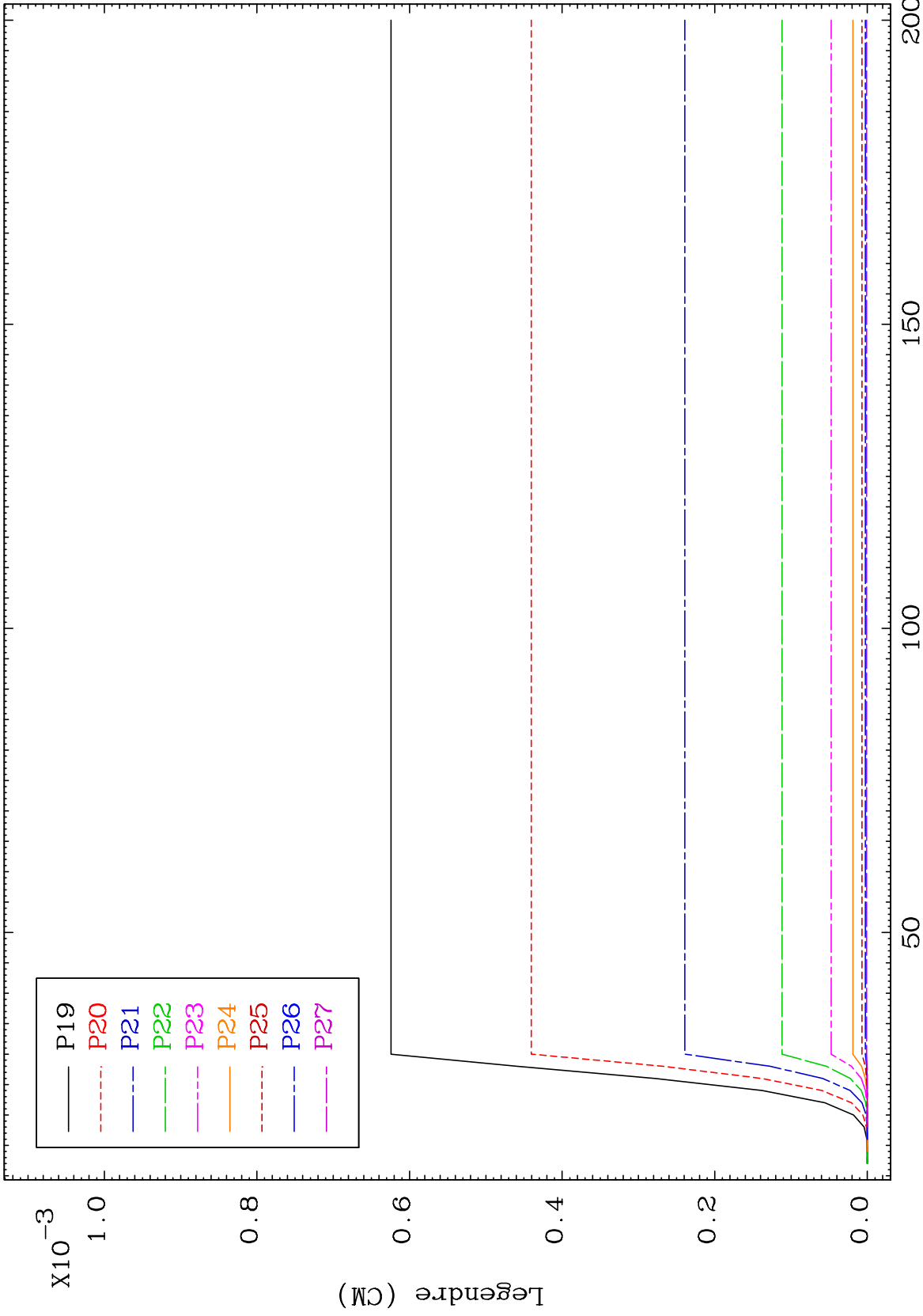
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132



108

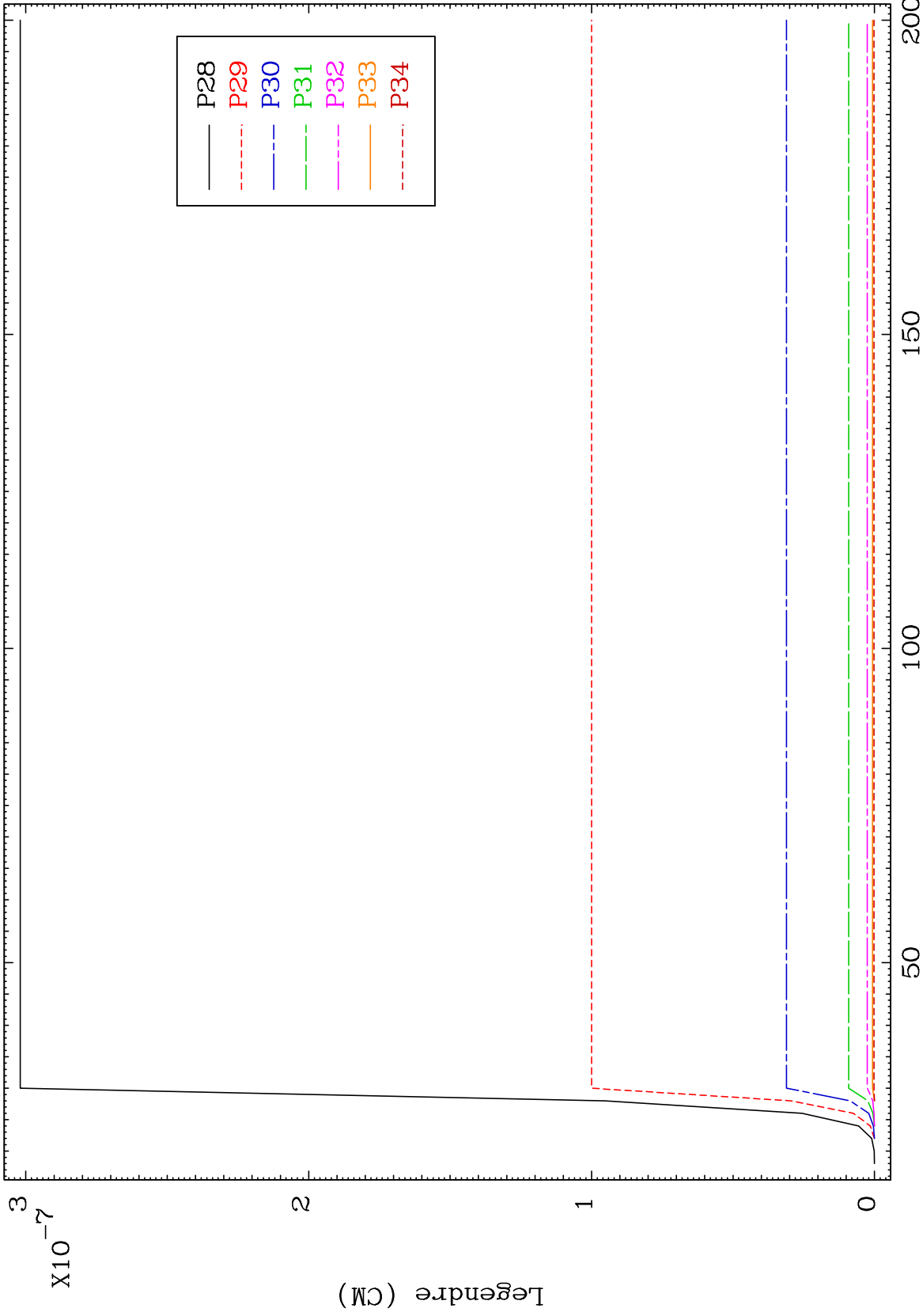
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132

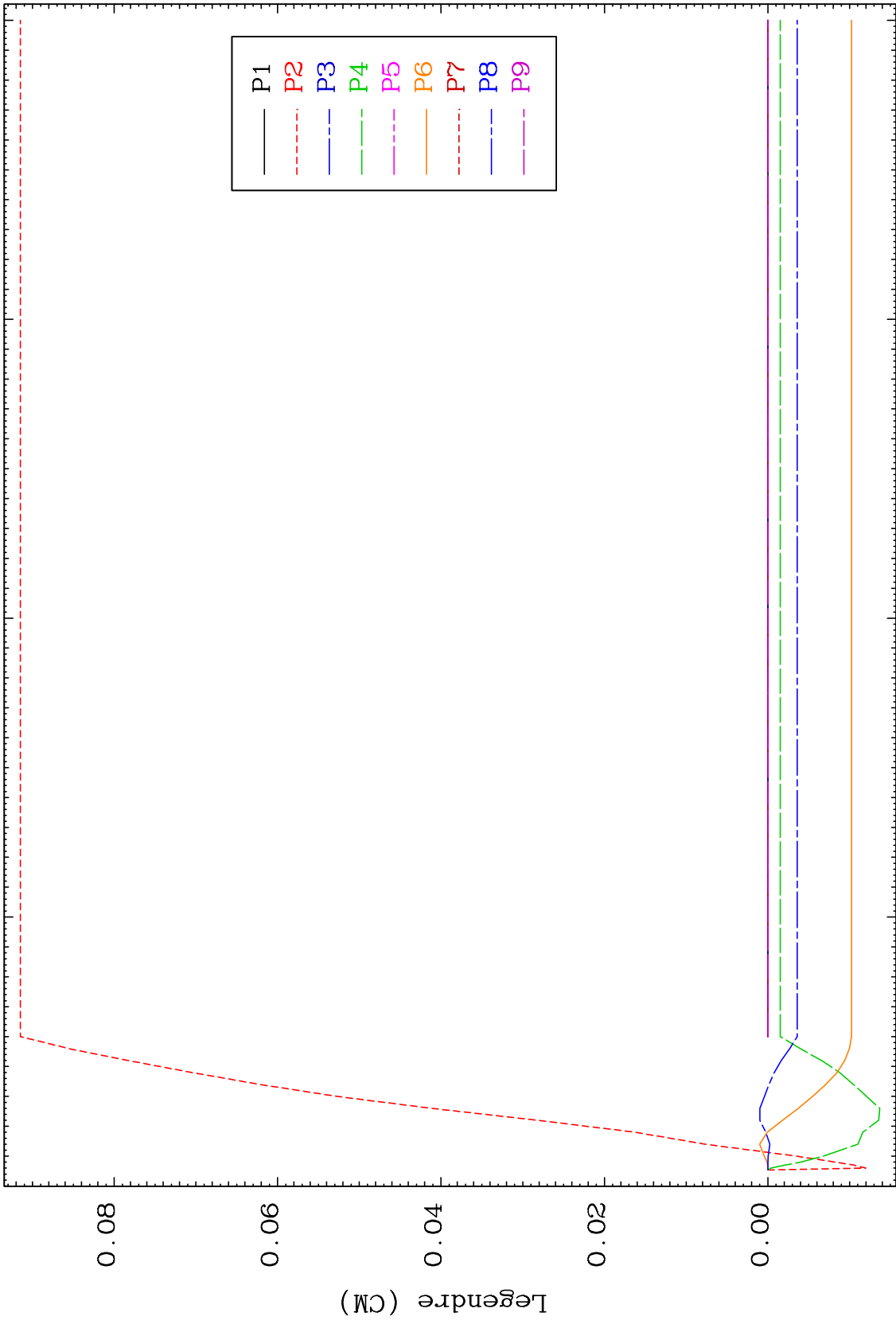


109

Incident Energy (MeV)

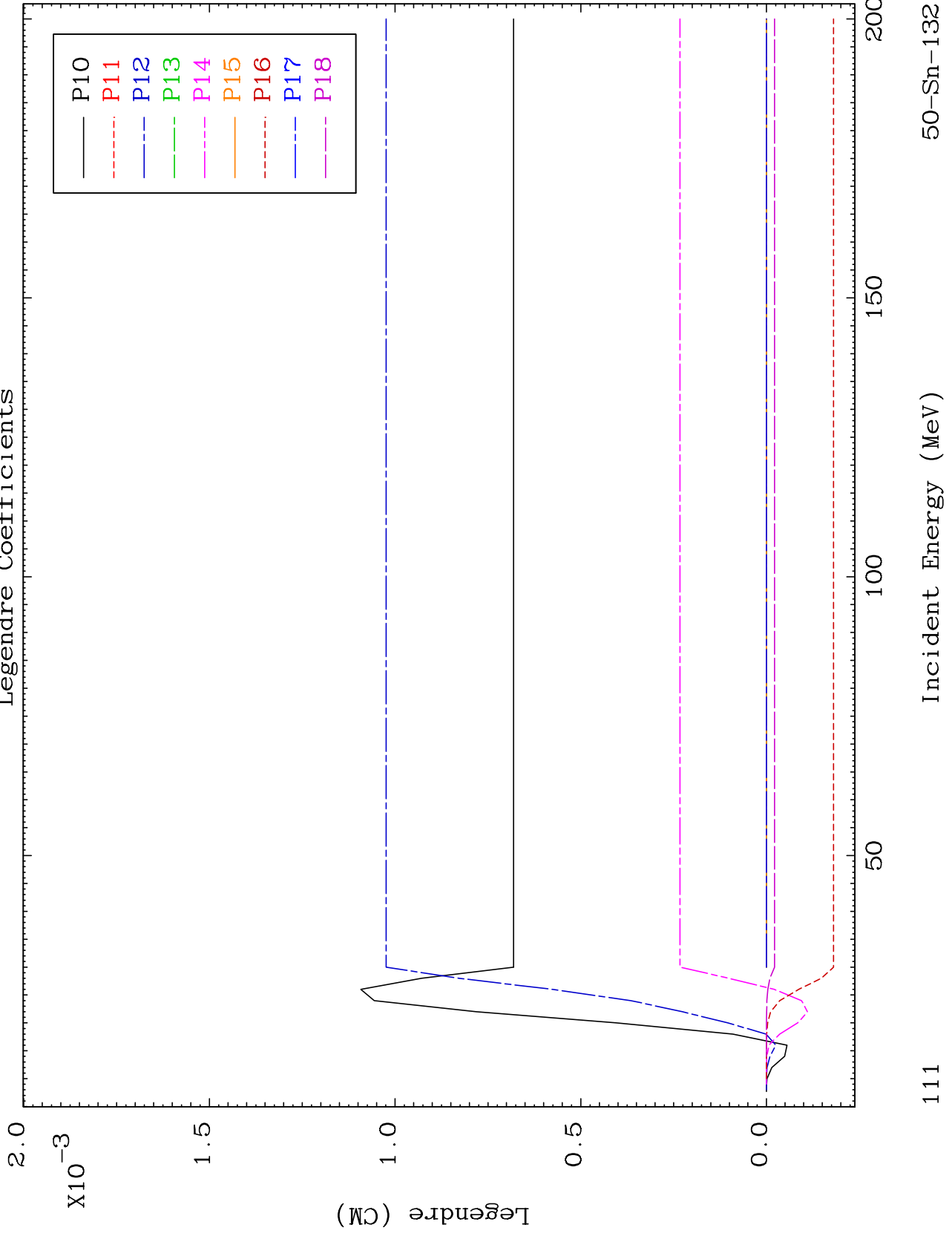
50-Sn-132

MAT 5085 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-132

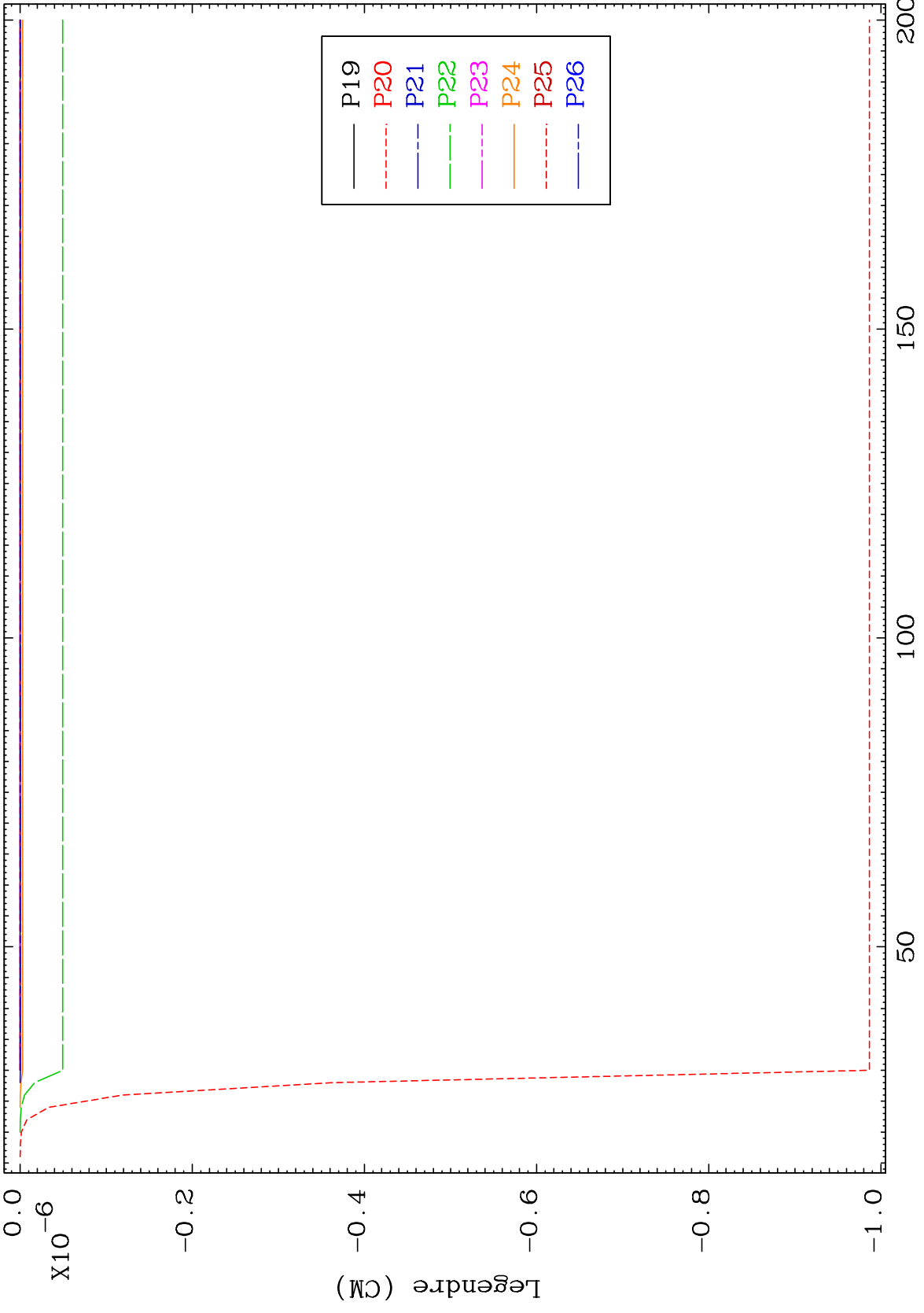


110 50-Sn-132

MAT 5085 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-132



MAT 5085 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-132

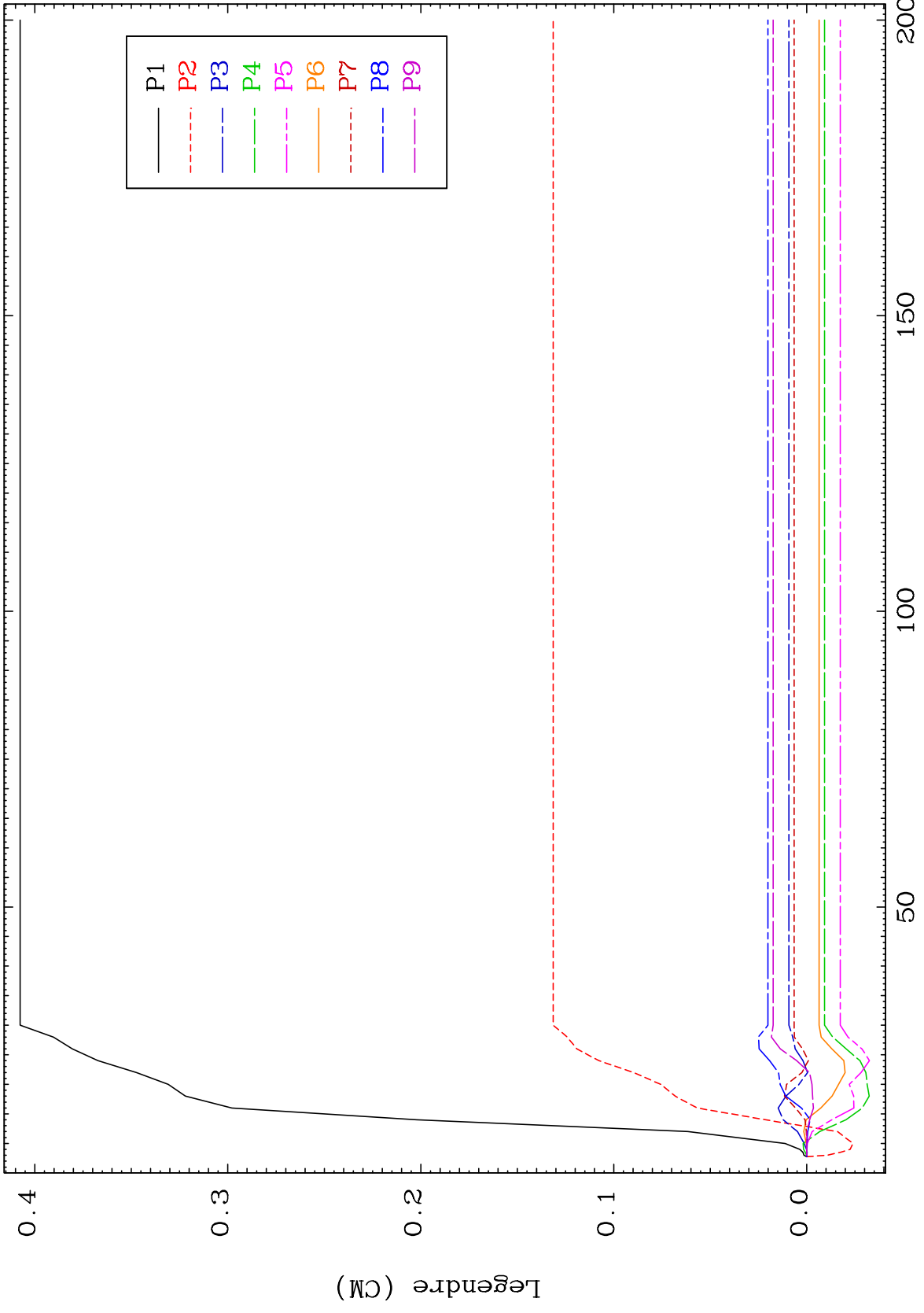


112 50-Sn-132

MAT 5085

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

50-Sn-132



113

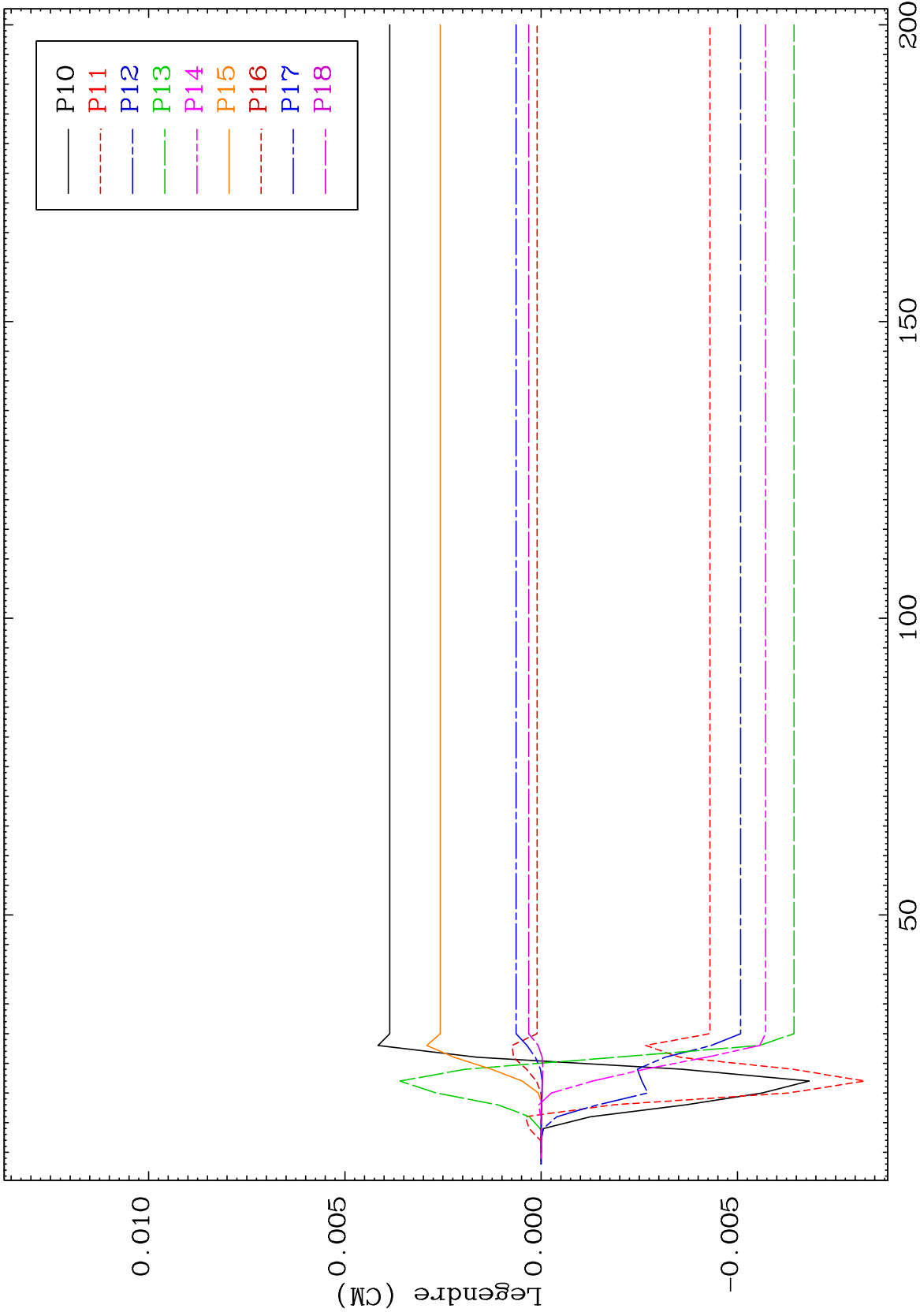
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132



114

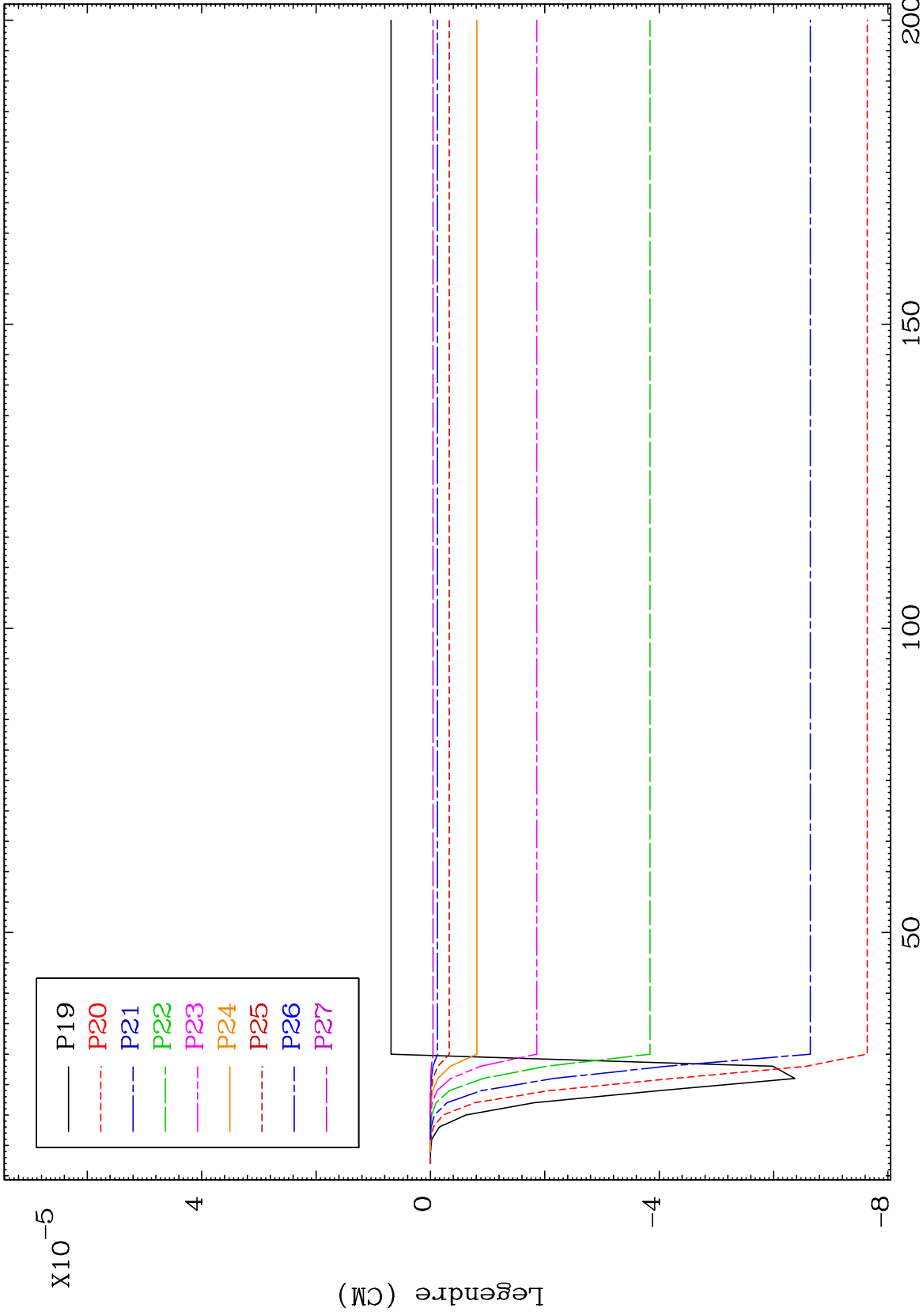
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

50-Sn-132



115

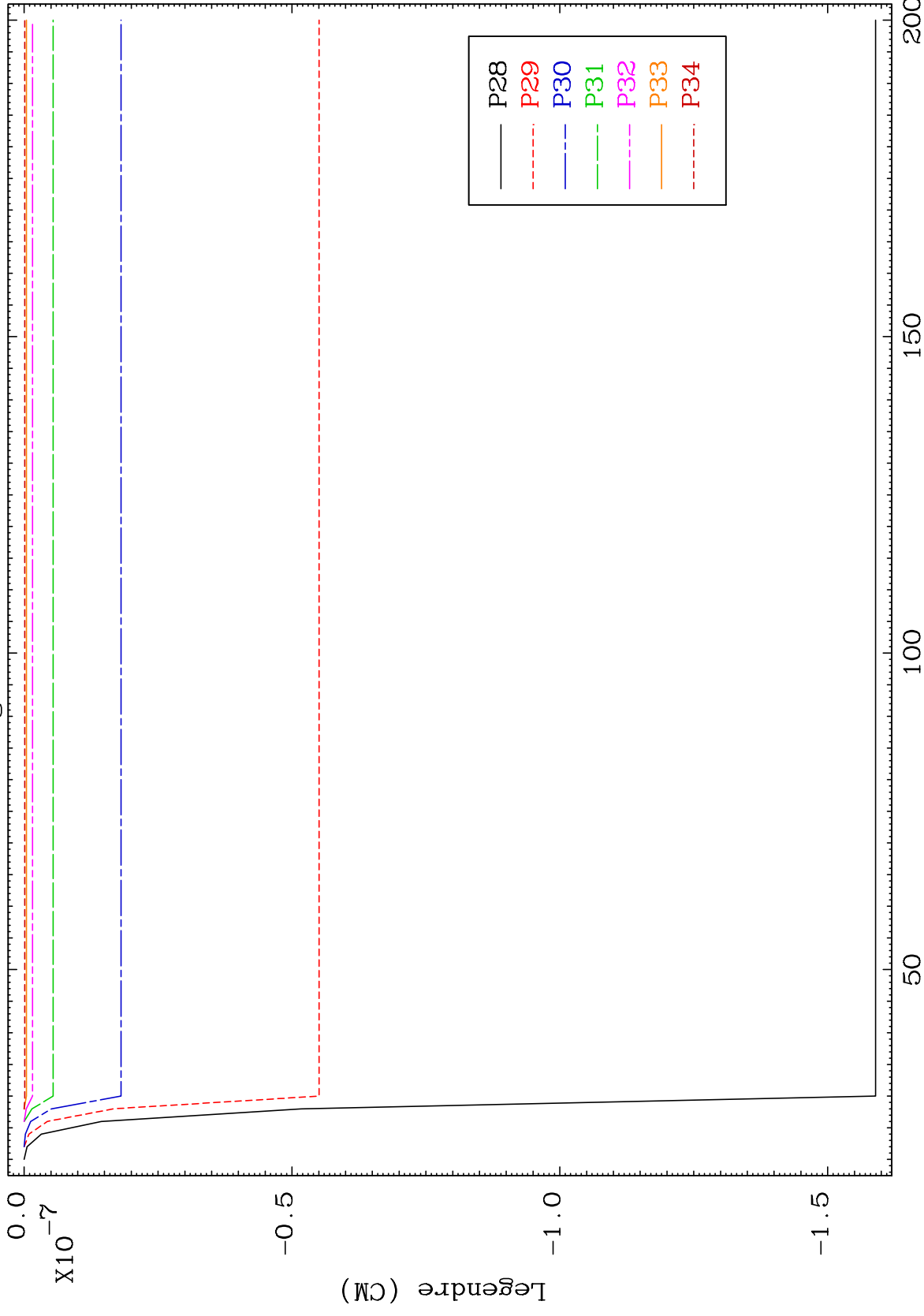
Incident Energy (MeV)

50-Sn-132

MAT 5085

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

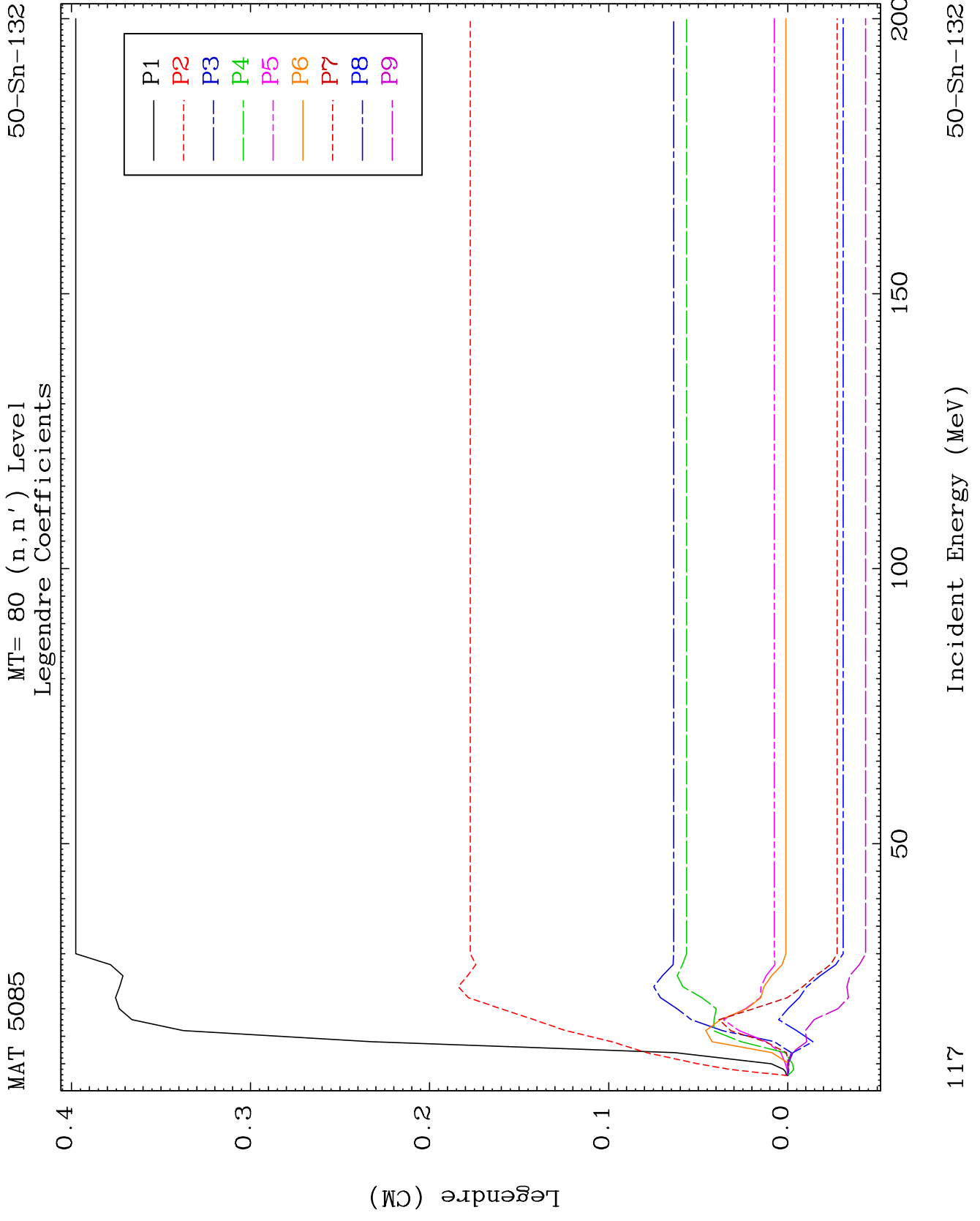
50-Sn-132



50-Sn-132

Incident Energy (MeV)

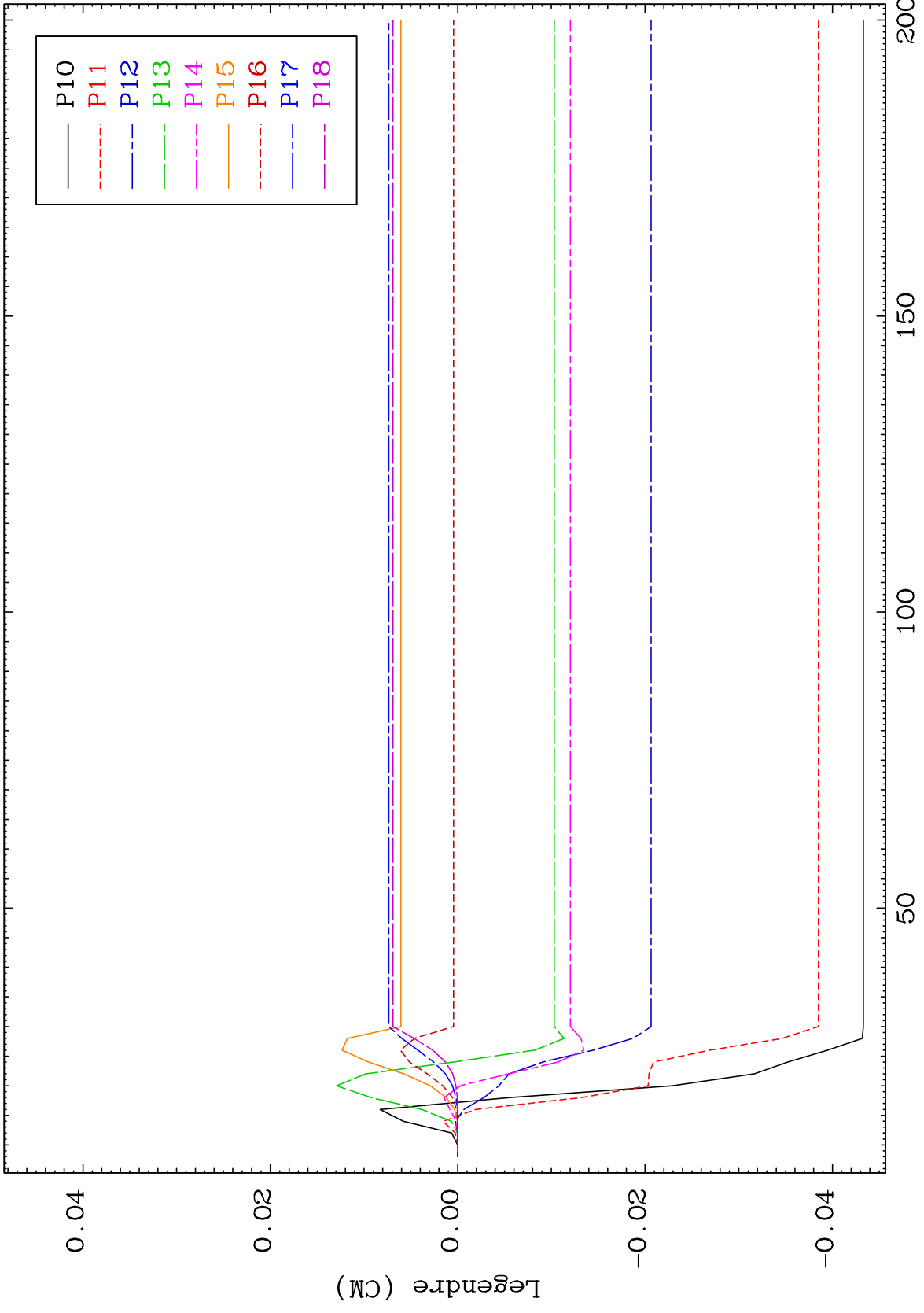
116



MAT 5085

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

50-Sn-132

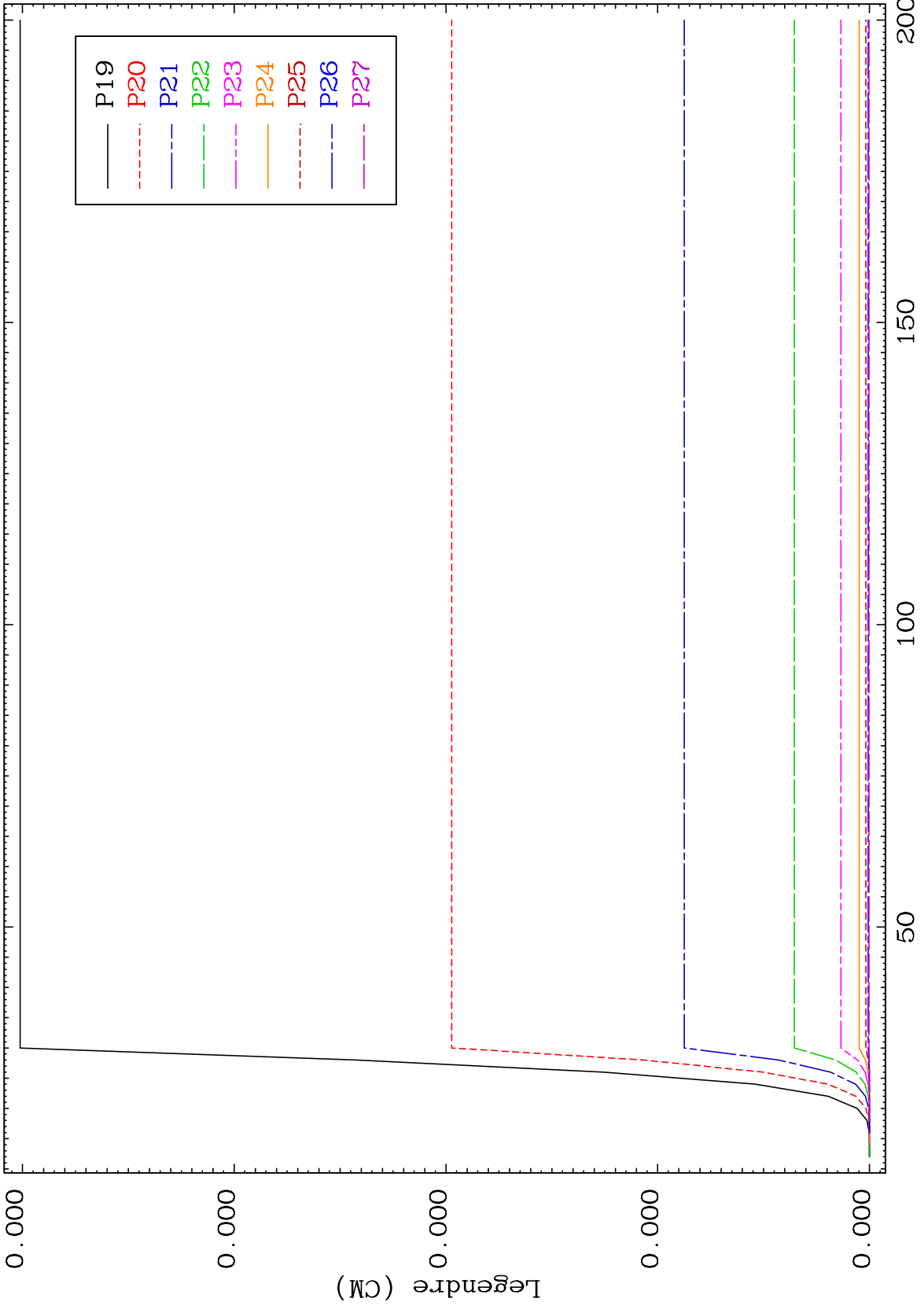


118

Incident Energy (MeV)

50-Sn-132

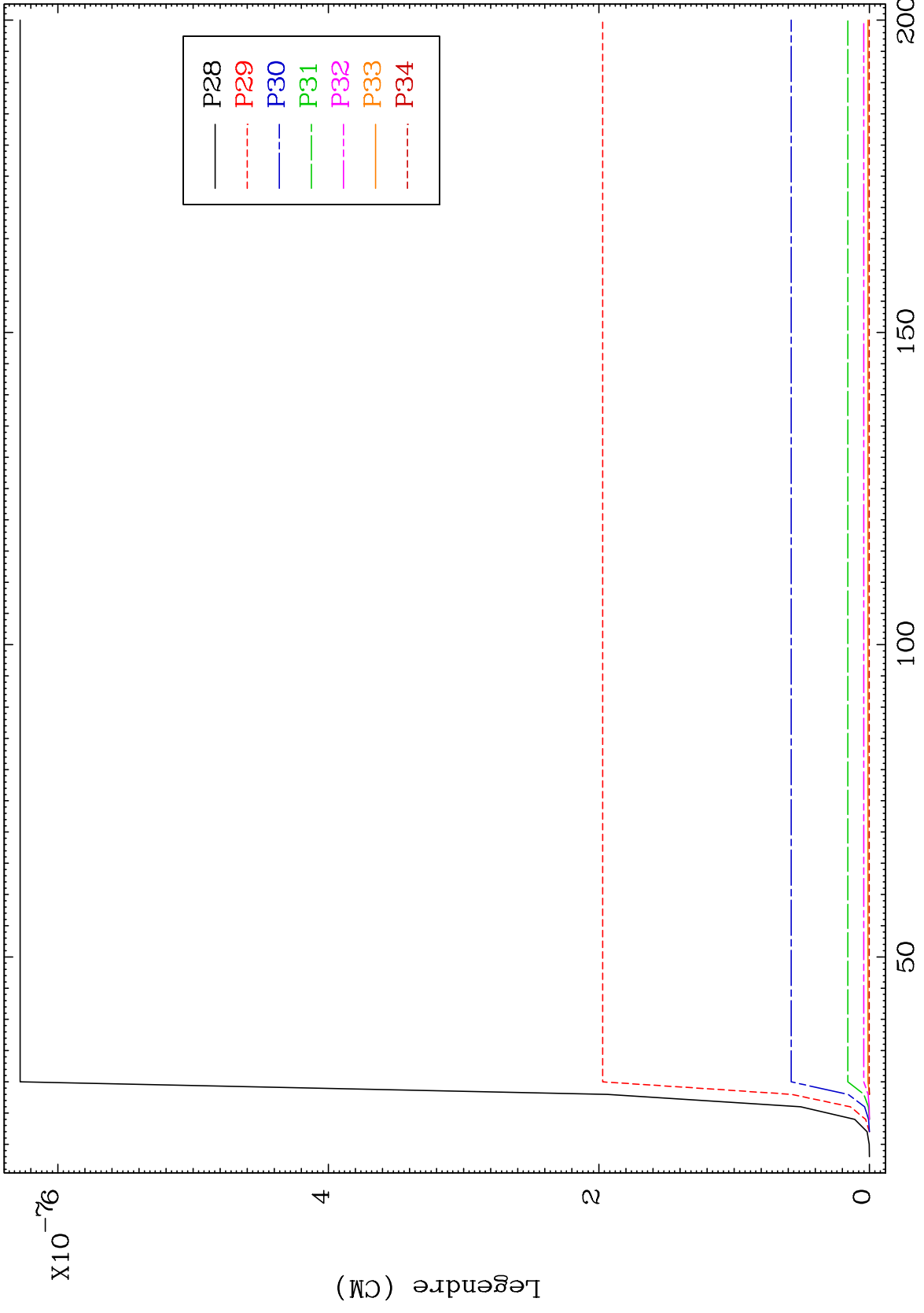
MAT 5085 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-132



MAT 5085

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

50-Sn-132



50-Sn-132

Incident Energy (MeV)

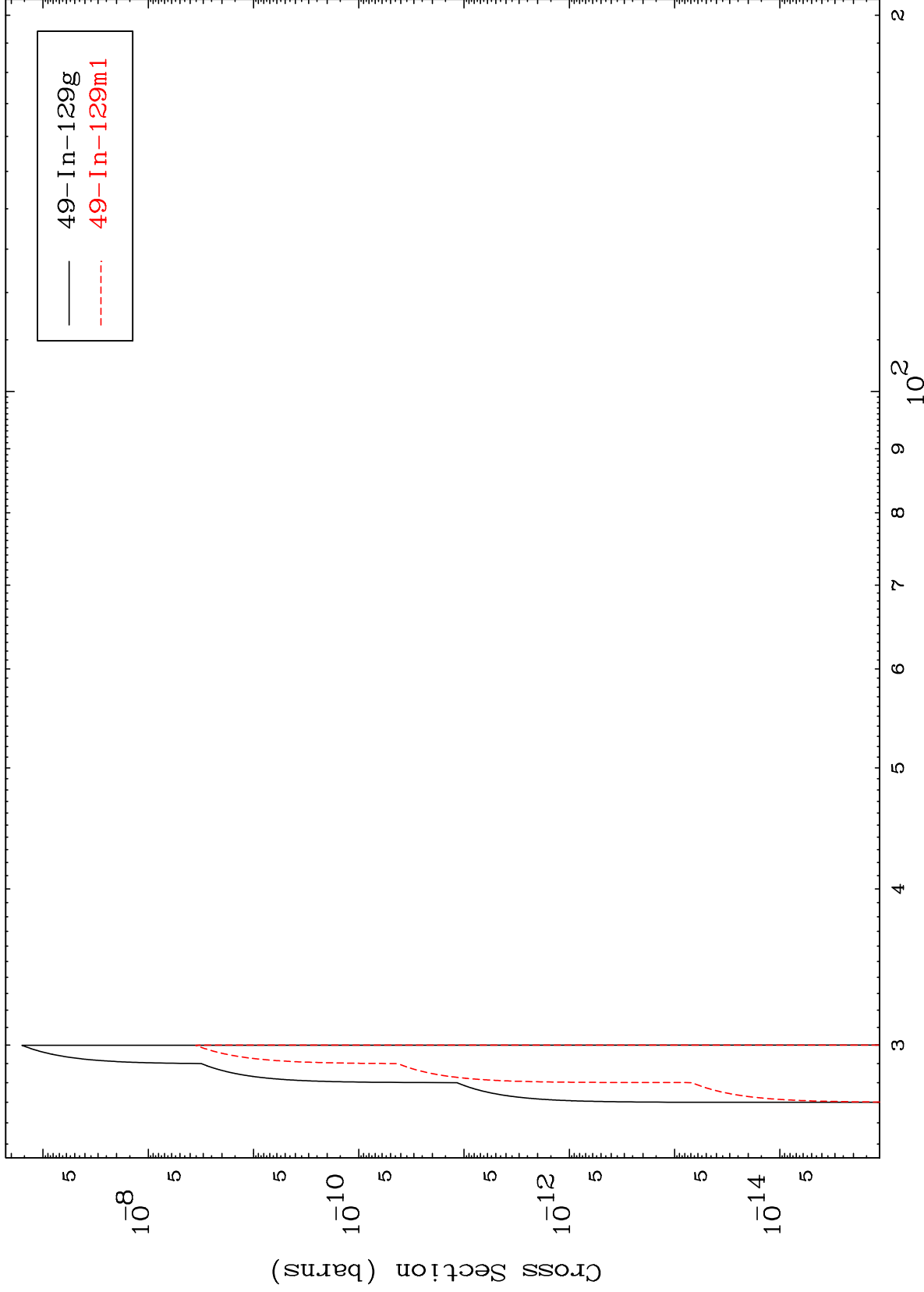
120

MAT 5085

(n,2n) d

50-Sn-132

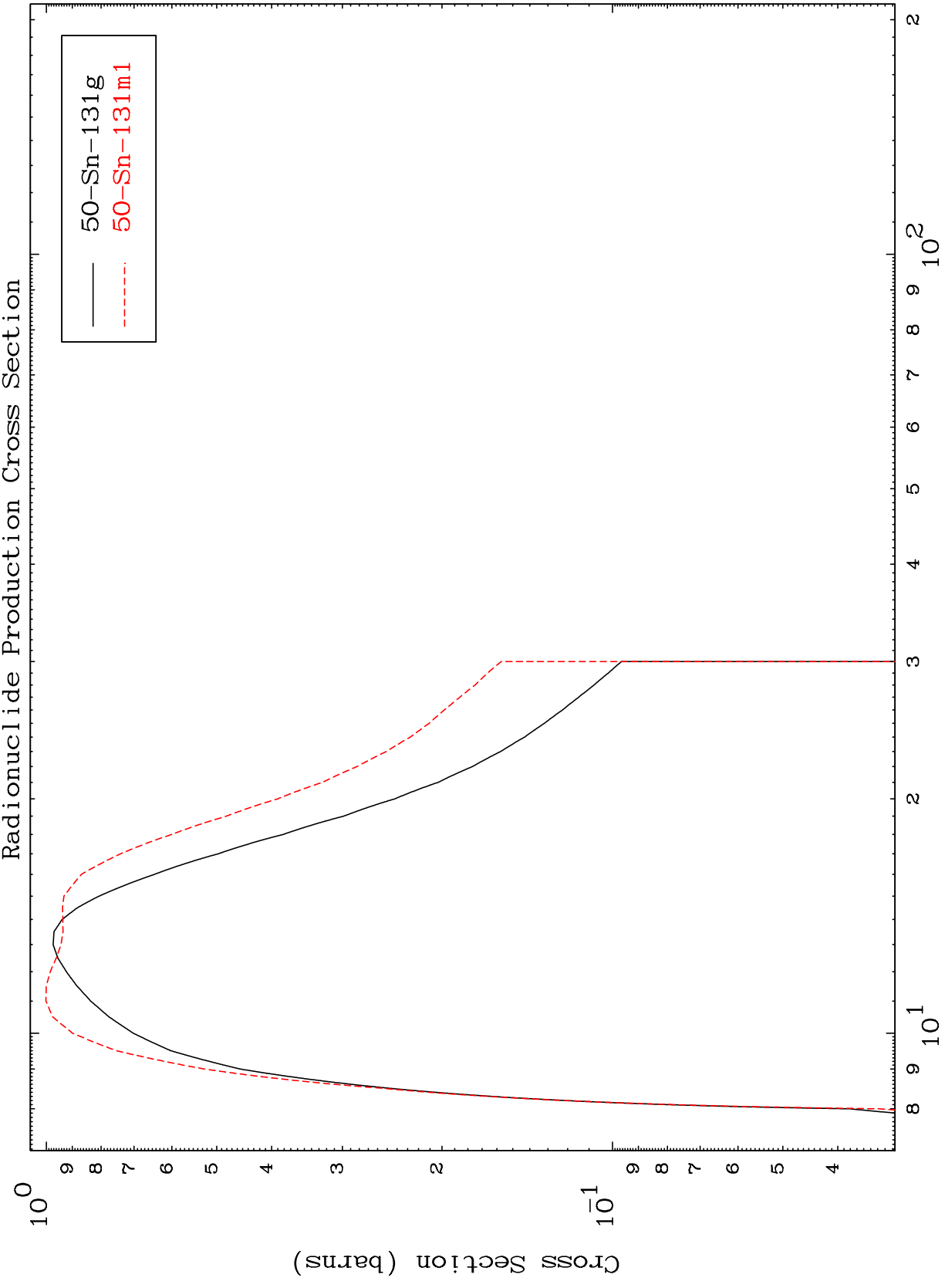
Radionuclide Production Cross Section

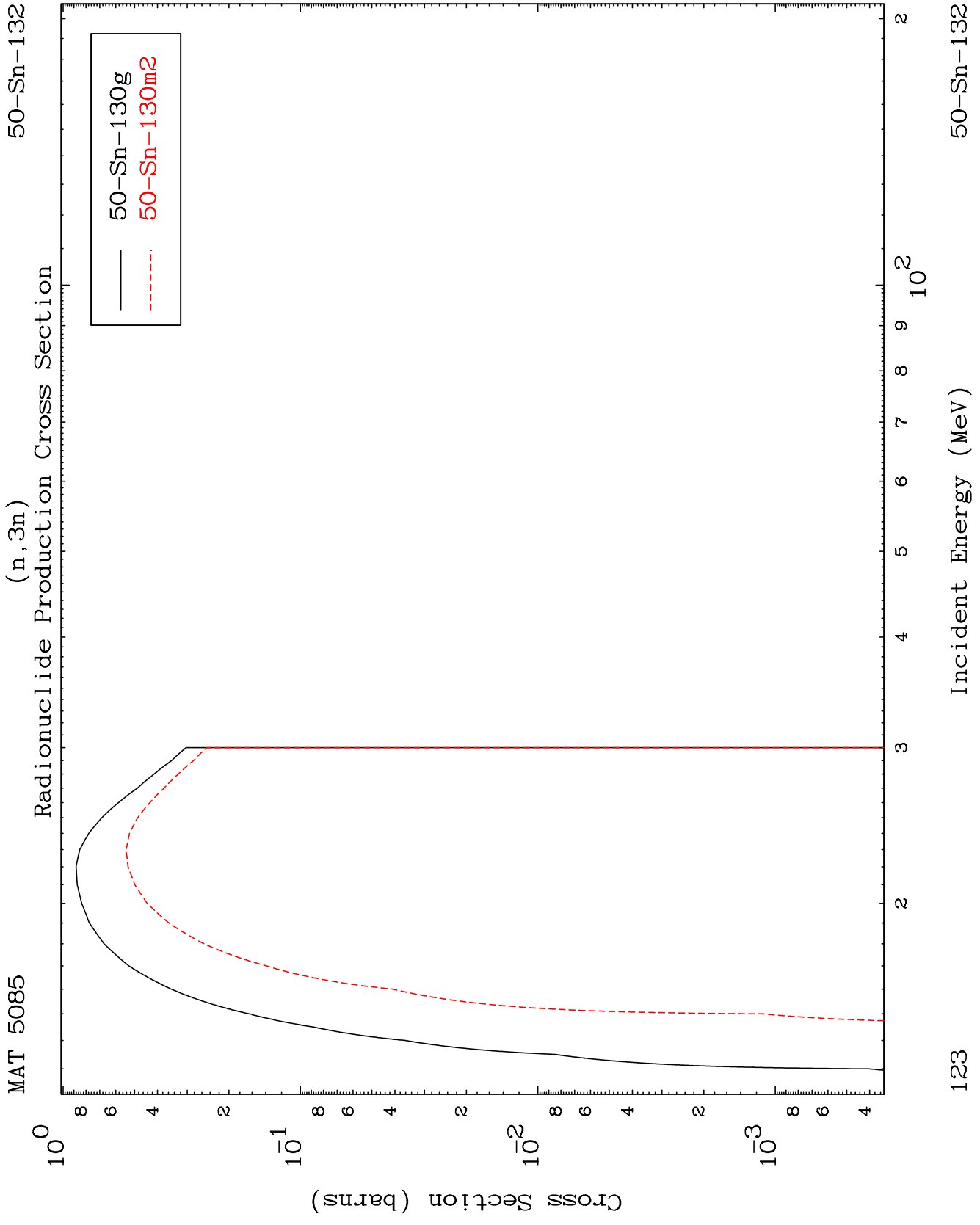


121

Incident Energy (MeV)

50-Sn-132



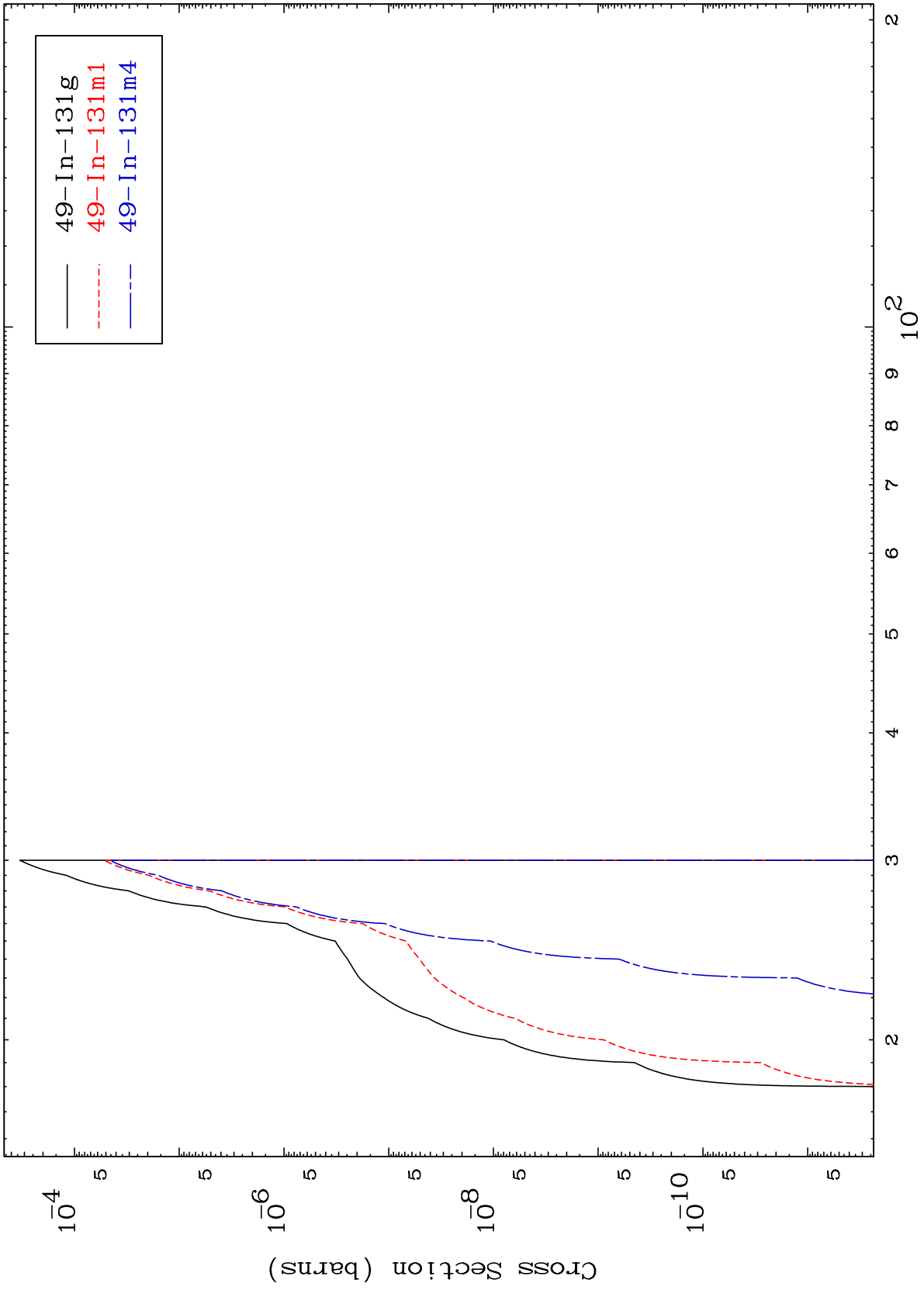


MAT 5085

(n,n') p

50-Sn-132

Radionuclide Production Cross Section



124

Incident Energy (MeV)

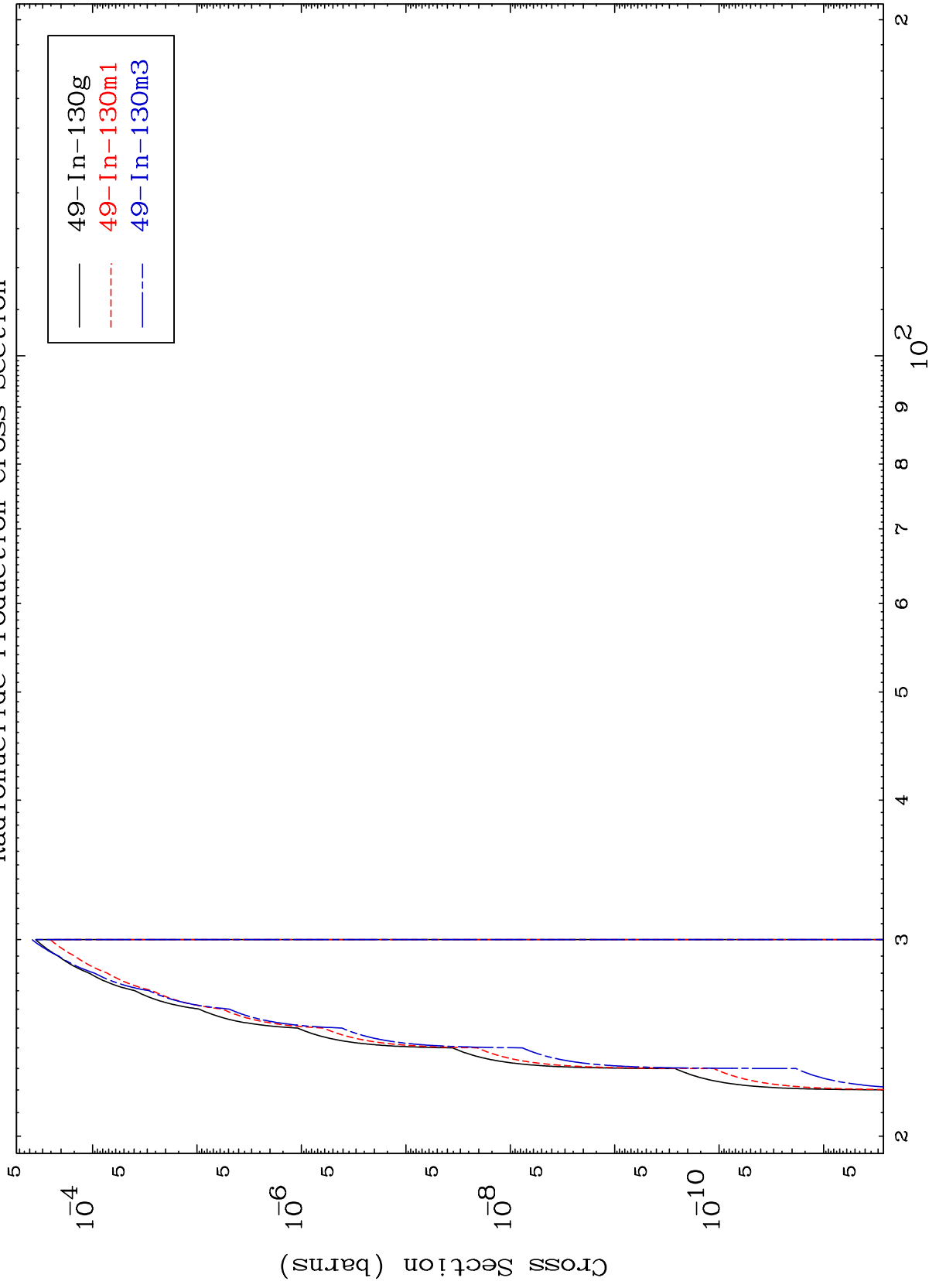
50-Sn-132

MAT 5085

(n,n') d

50-Sn-132

Radionuclide Production Cross Section



125

Incident Energy (MeV)

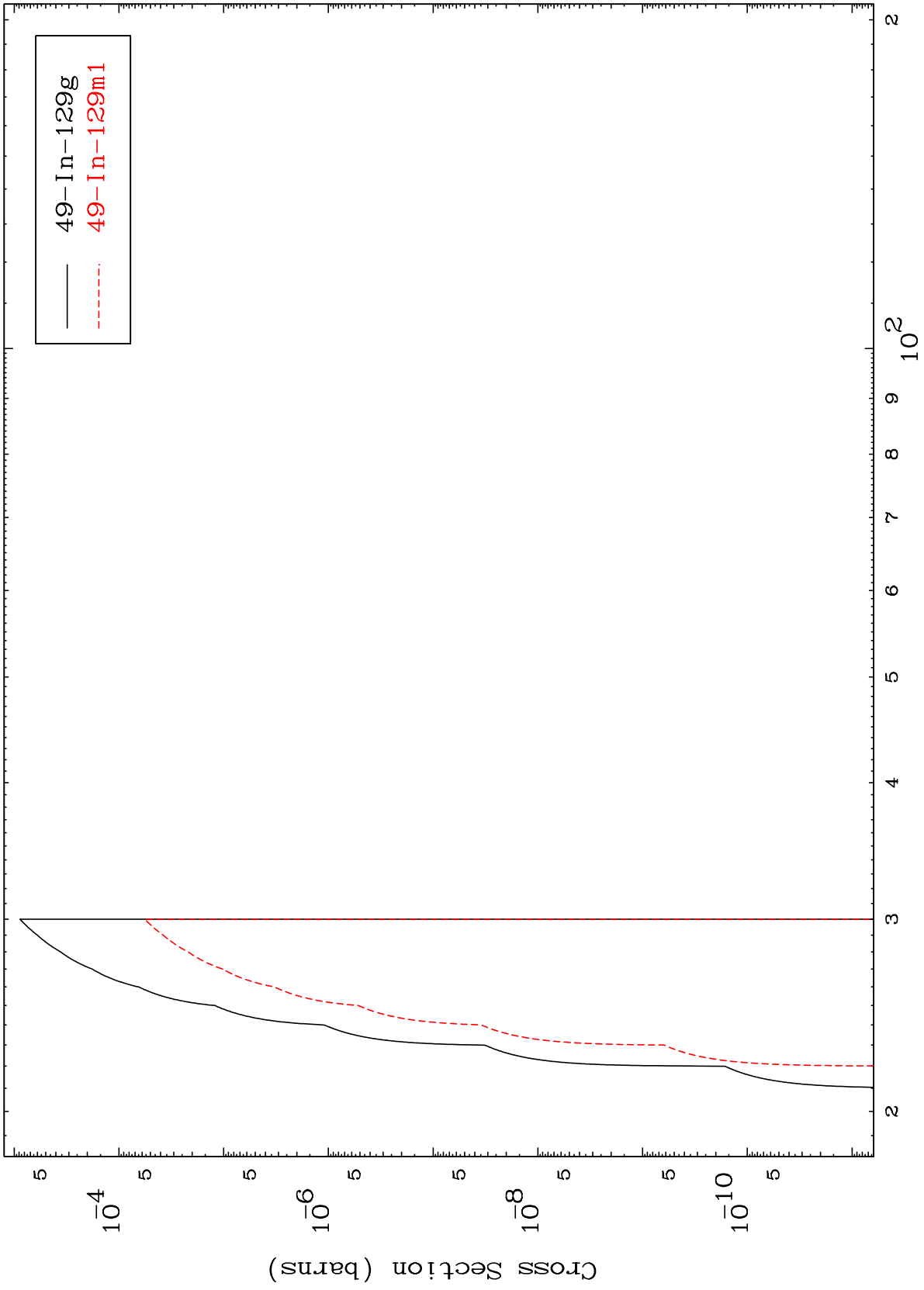
50-Sn-132

MAT 5085

(n,n') t

50-Sn-132

Radionuclide Production Cross Section



126

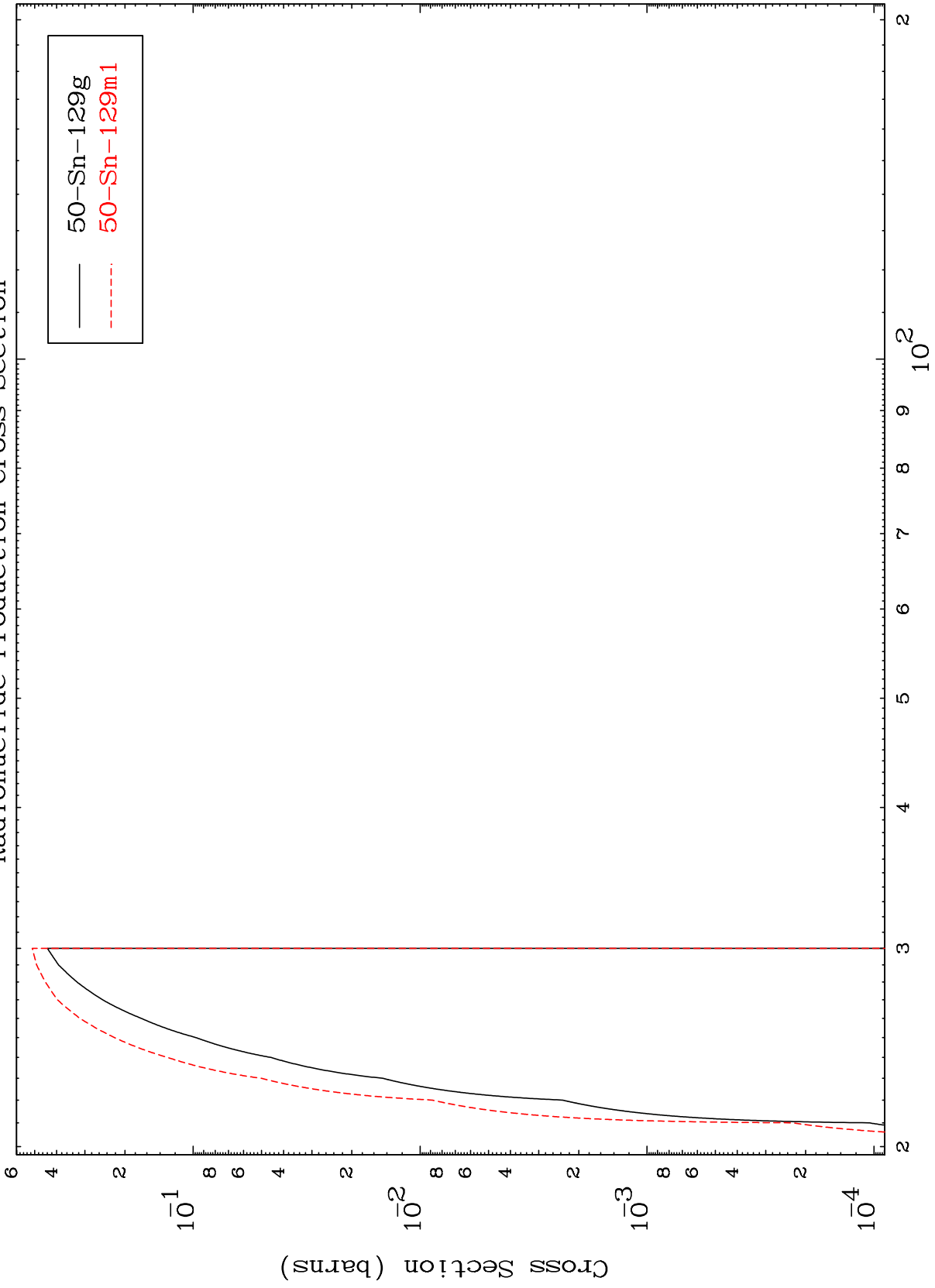
Incident Energy (MeV)

50-Sn-132

MAT 5085

50-Sn-132

(n,4n)
Radionuclide Production Cross Section



127

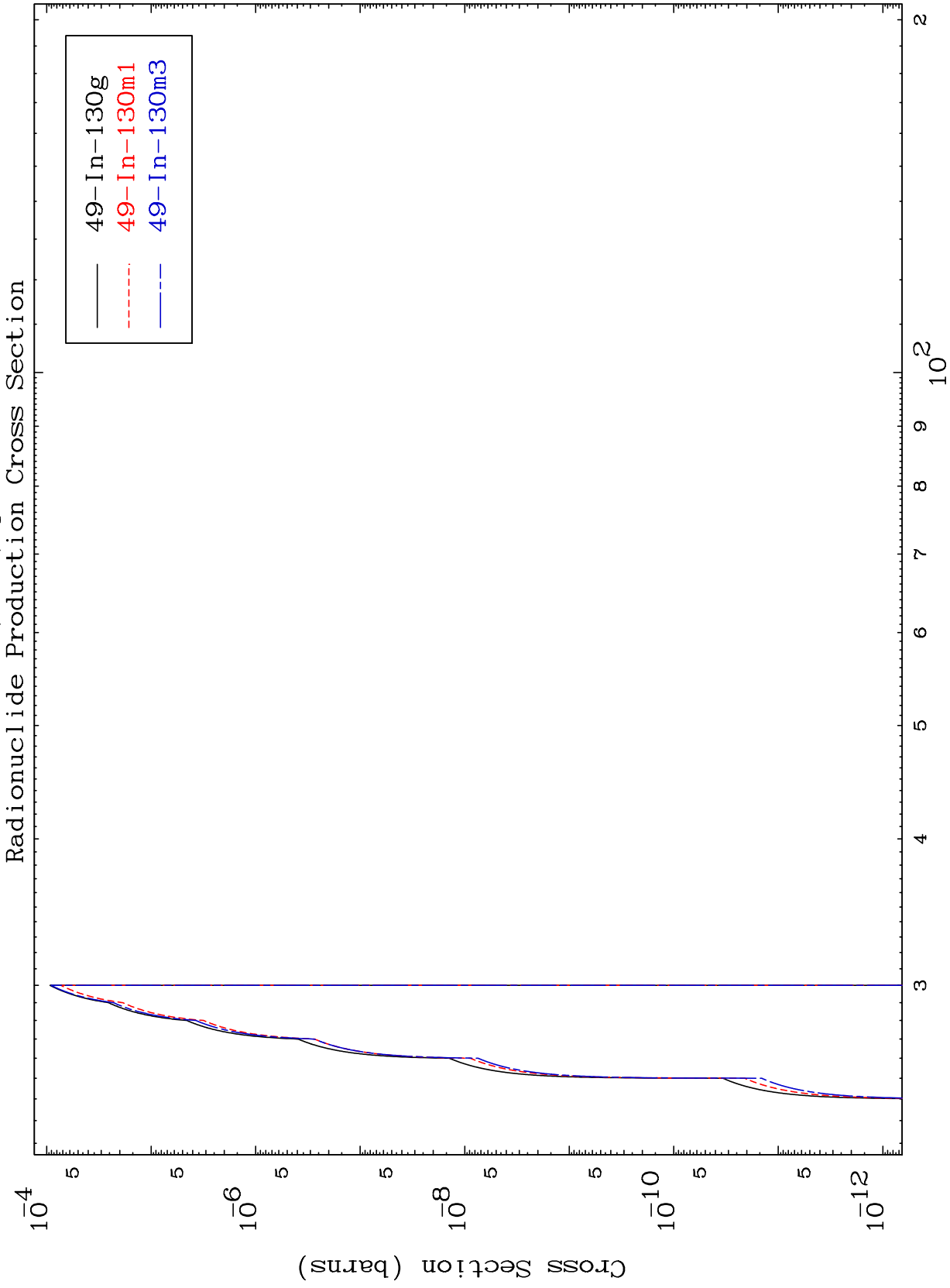
Incident Energy (MeV)

50-Sn-132

MAT 5085

(n,2n) p

50-Sn-132



128

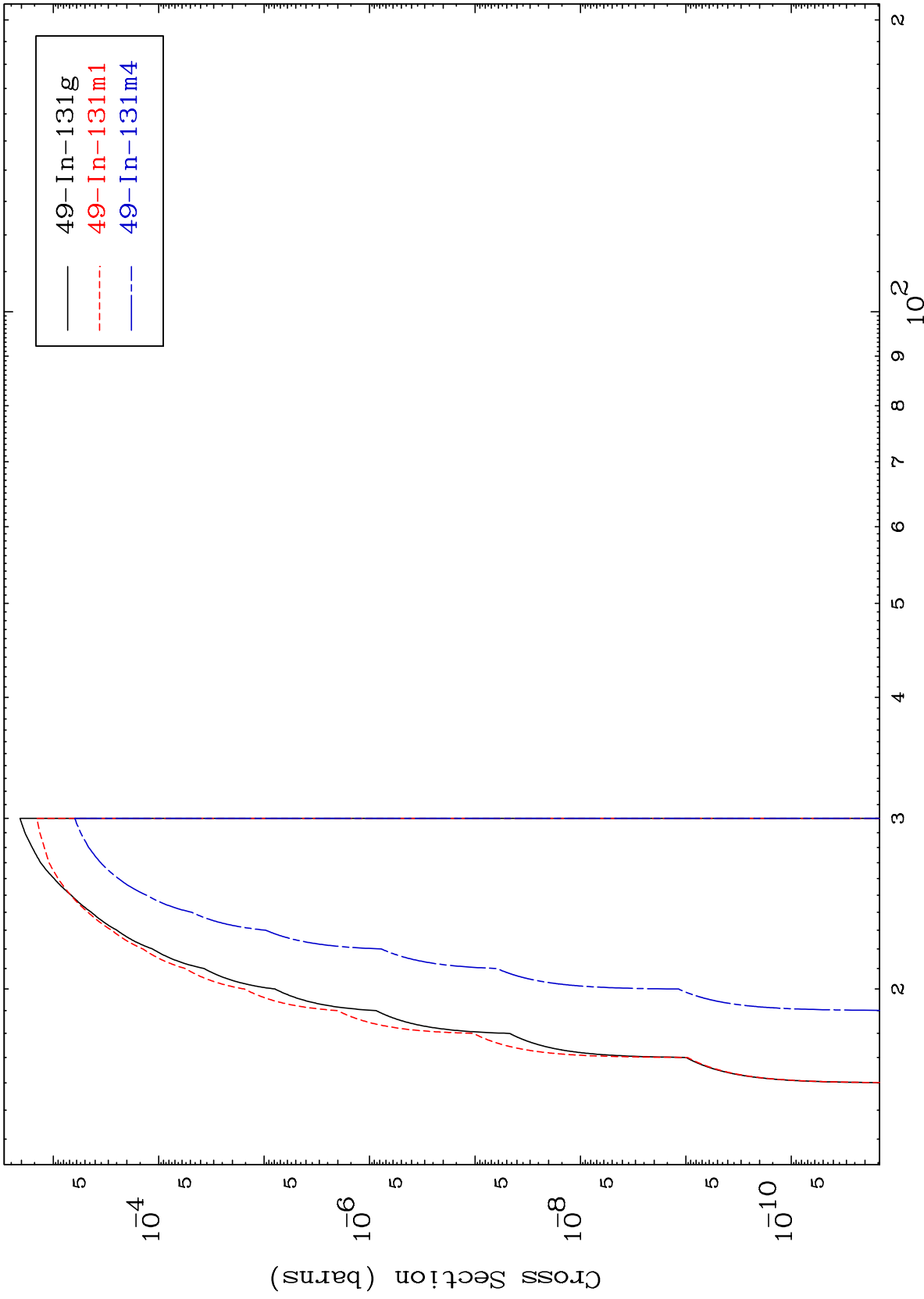
50-Sn-132

MAT 5085

(n,d)

50-Sn-132

Radionuclide Production Cross Section



129

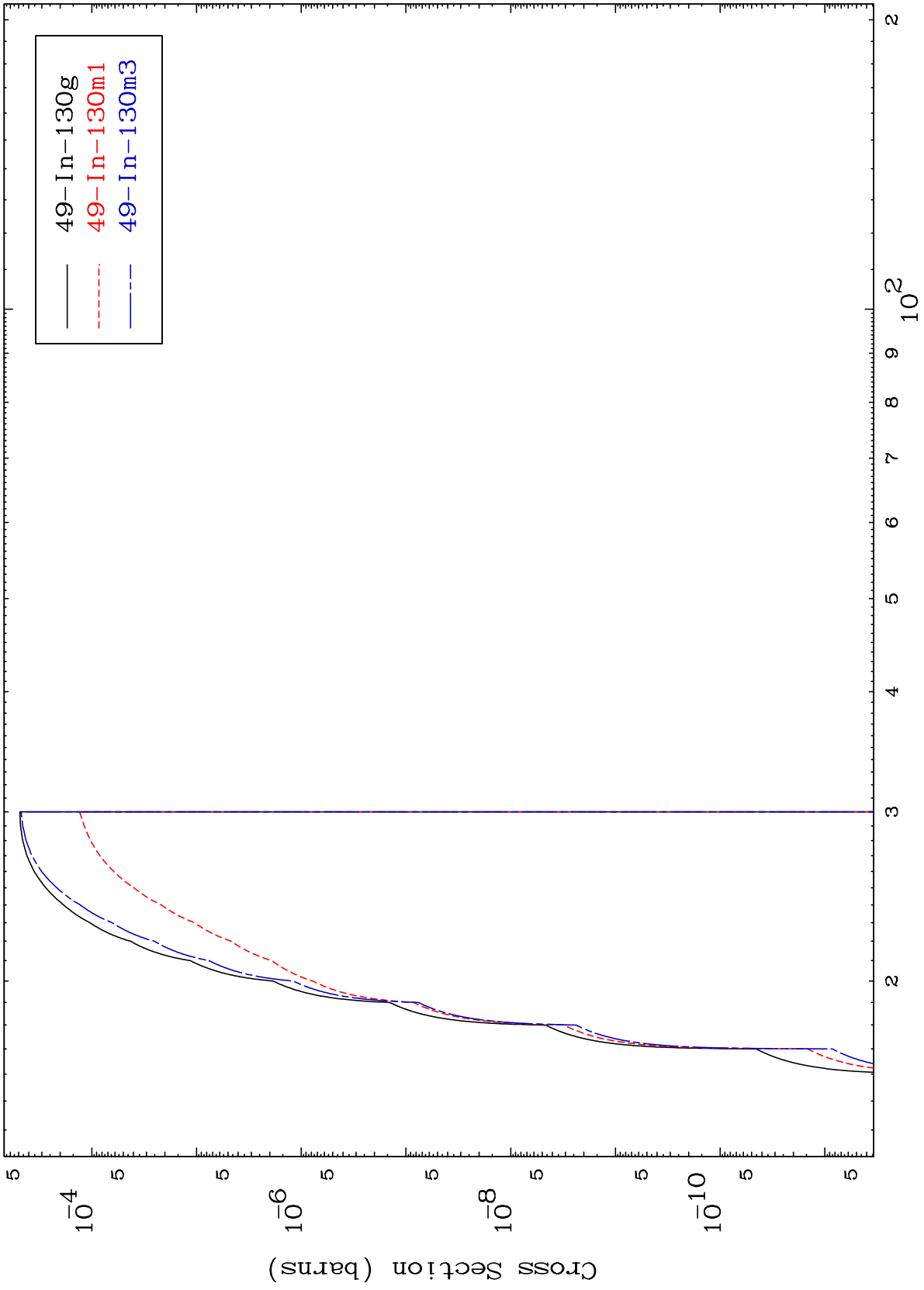
Incident Energy (MeV)

50-Sn-132

MAT 5085

50-Sn-132

(n, t)
Radionuclide Production Cross Section



130

Incident Energy (MeV)

50-Sn-132