

Program EVALPLOT
(Version 2018-1)

by

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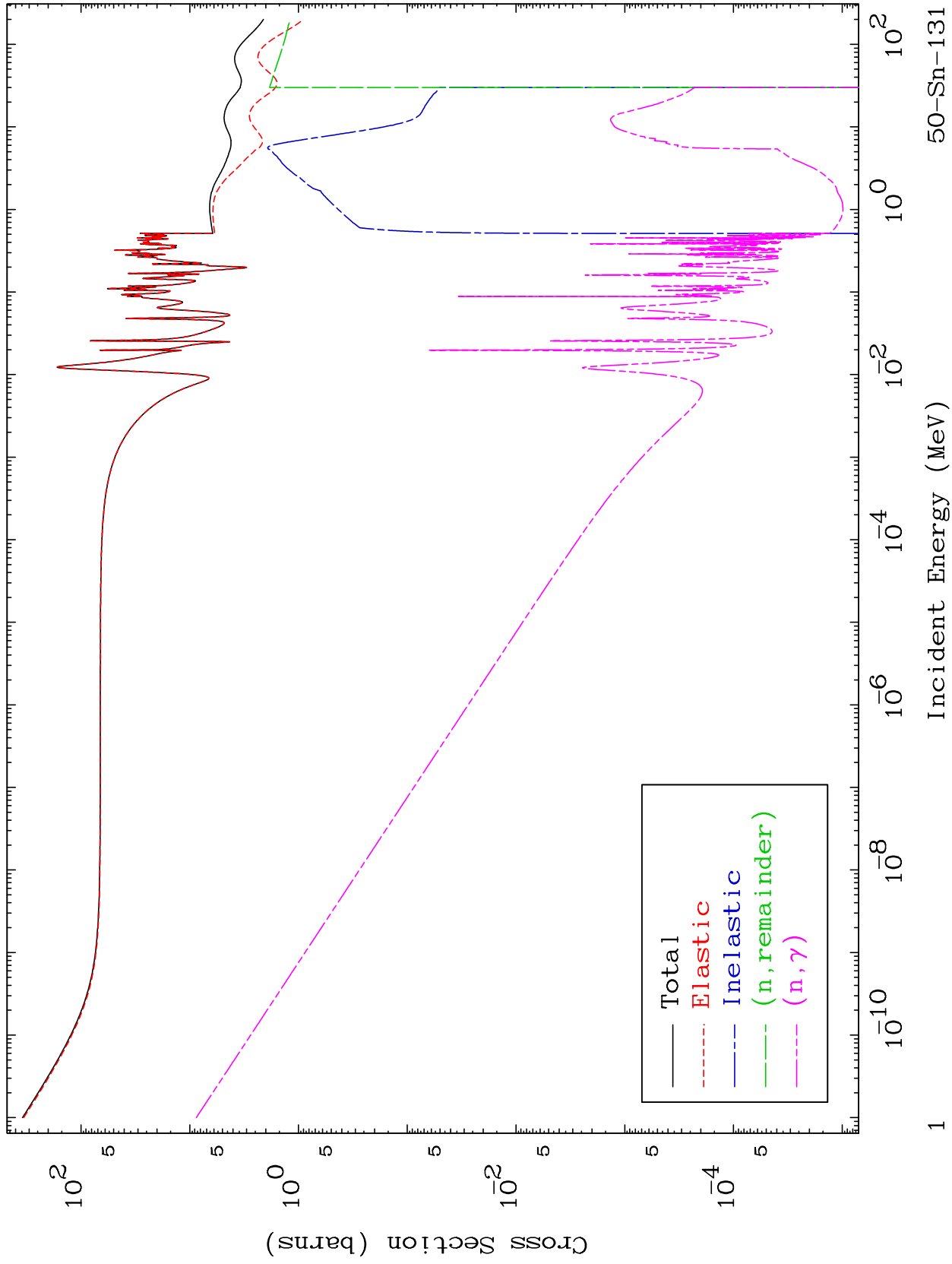
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5082

Major
293 Kelvin Cross Sections

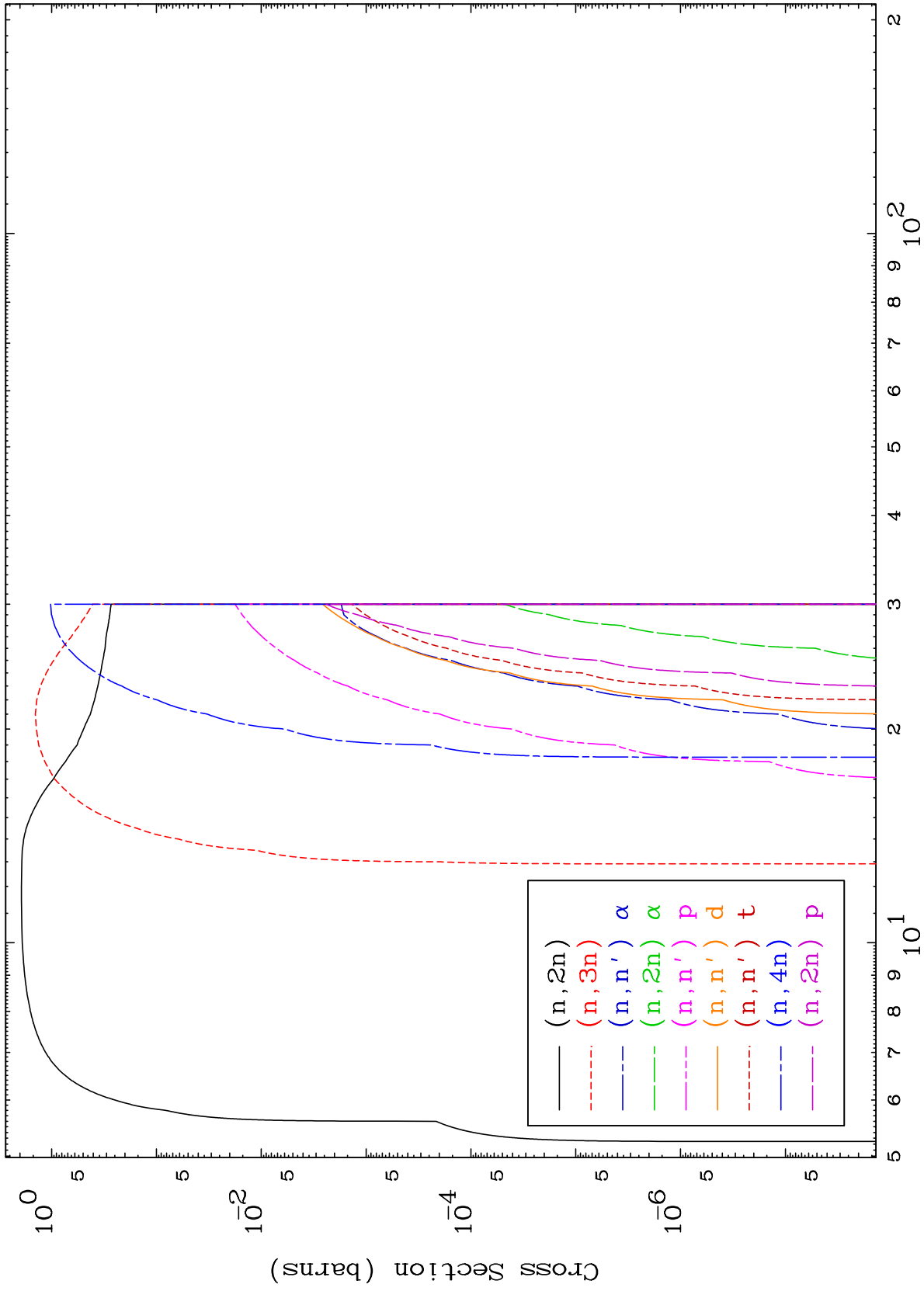
50-Sn-131



MAT 5082

Neutron Production
293 Kelvin Cross Sections

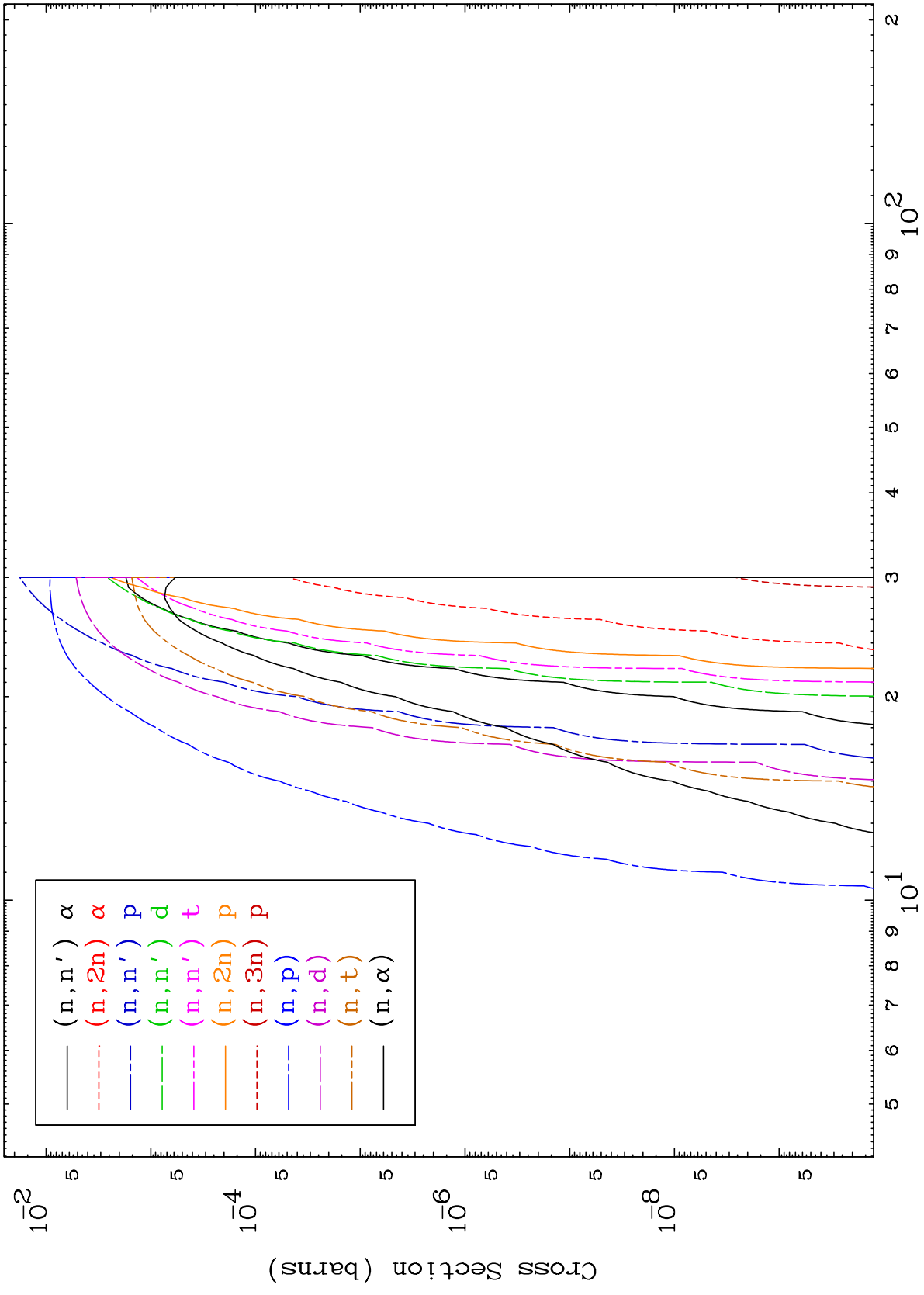
50-Sn-131



2

Incident Energy (MeV)

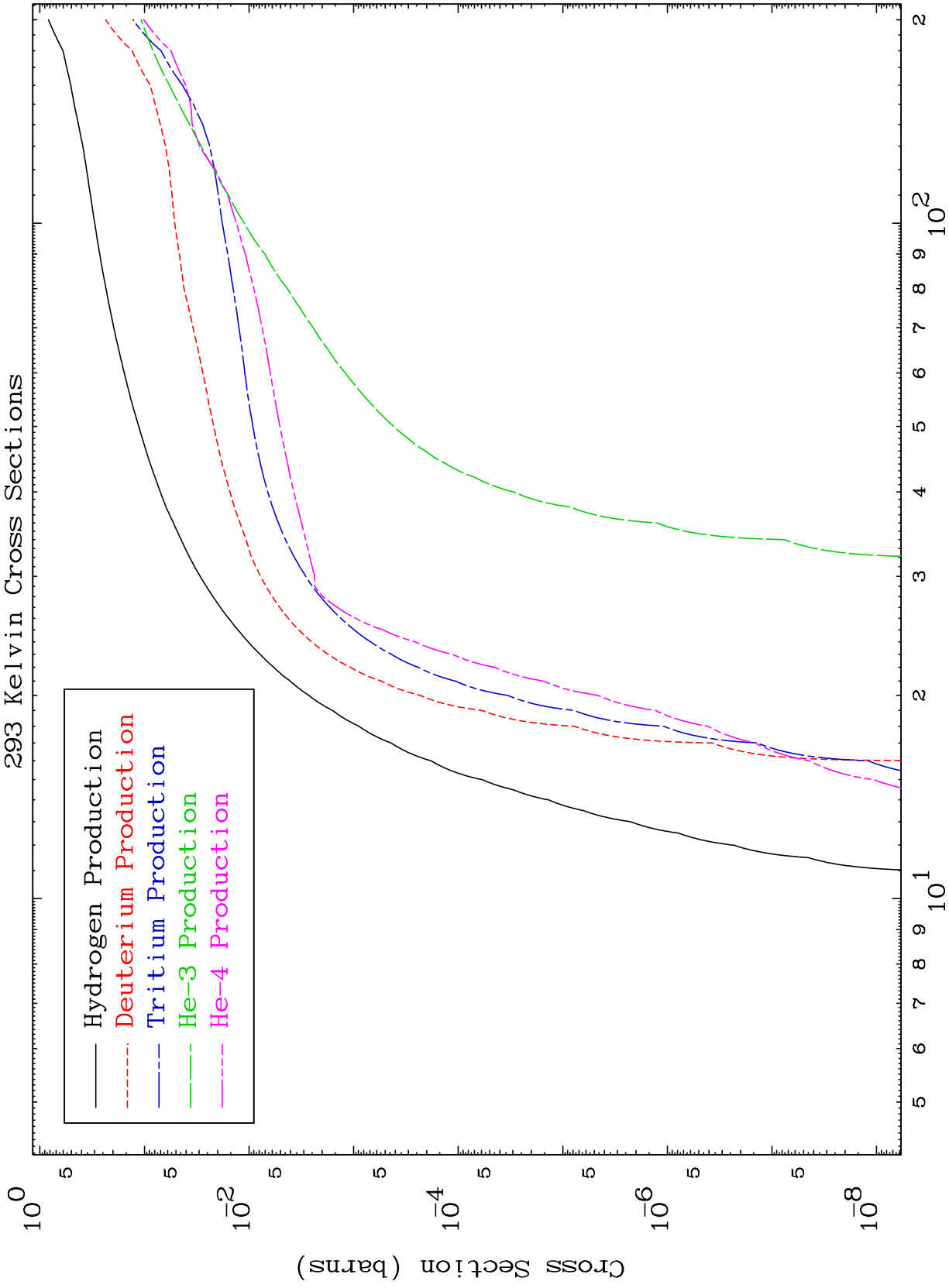
50-Sn-131



MAT 5082

Particle Production
293 Kelvin Cross Sections

50-Sn-131

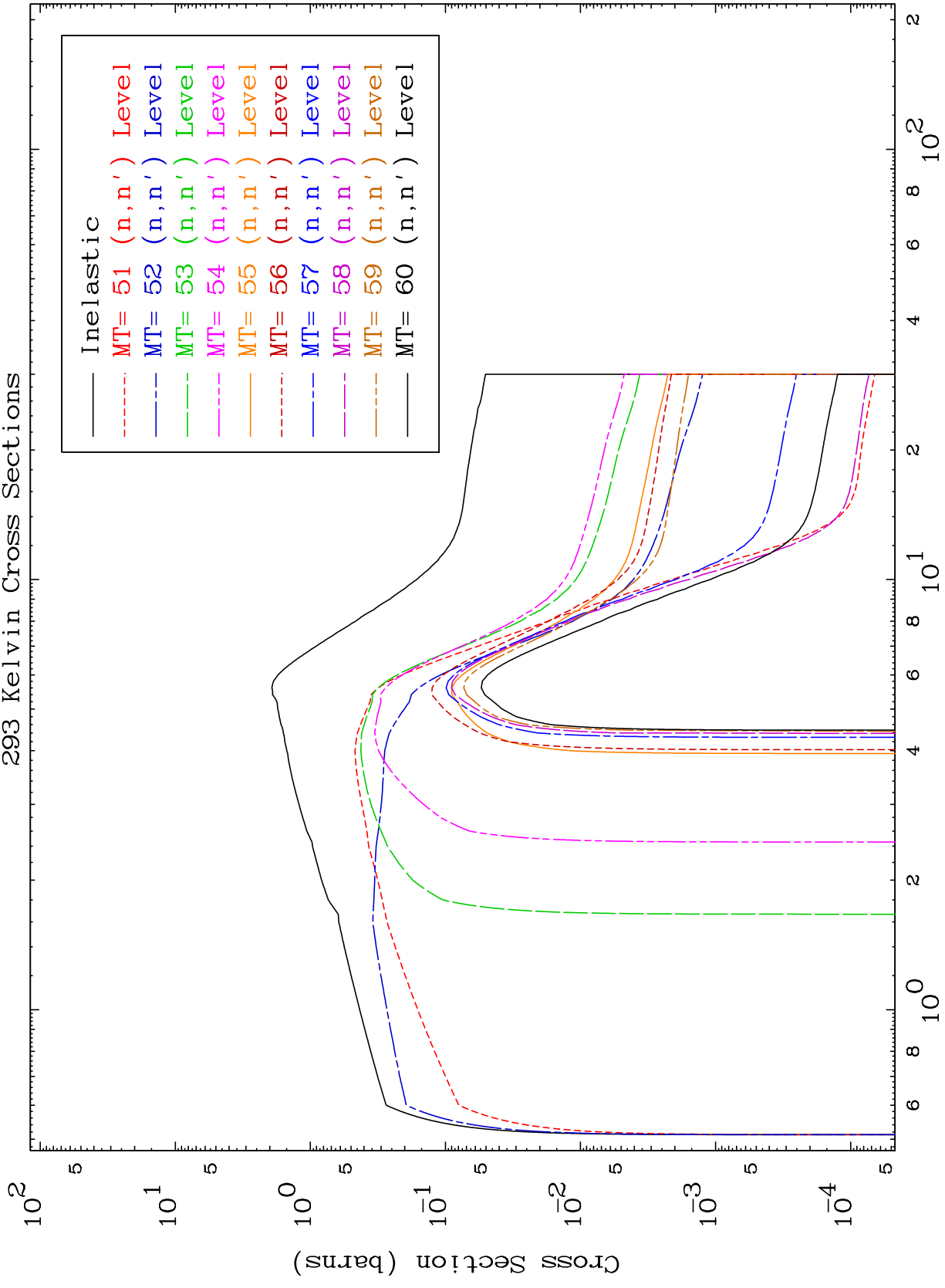


MAT 5082

(n,n') Level

293 Kelvin Cross Sections

50-Sn-131

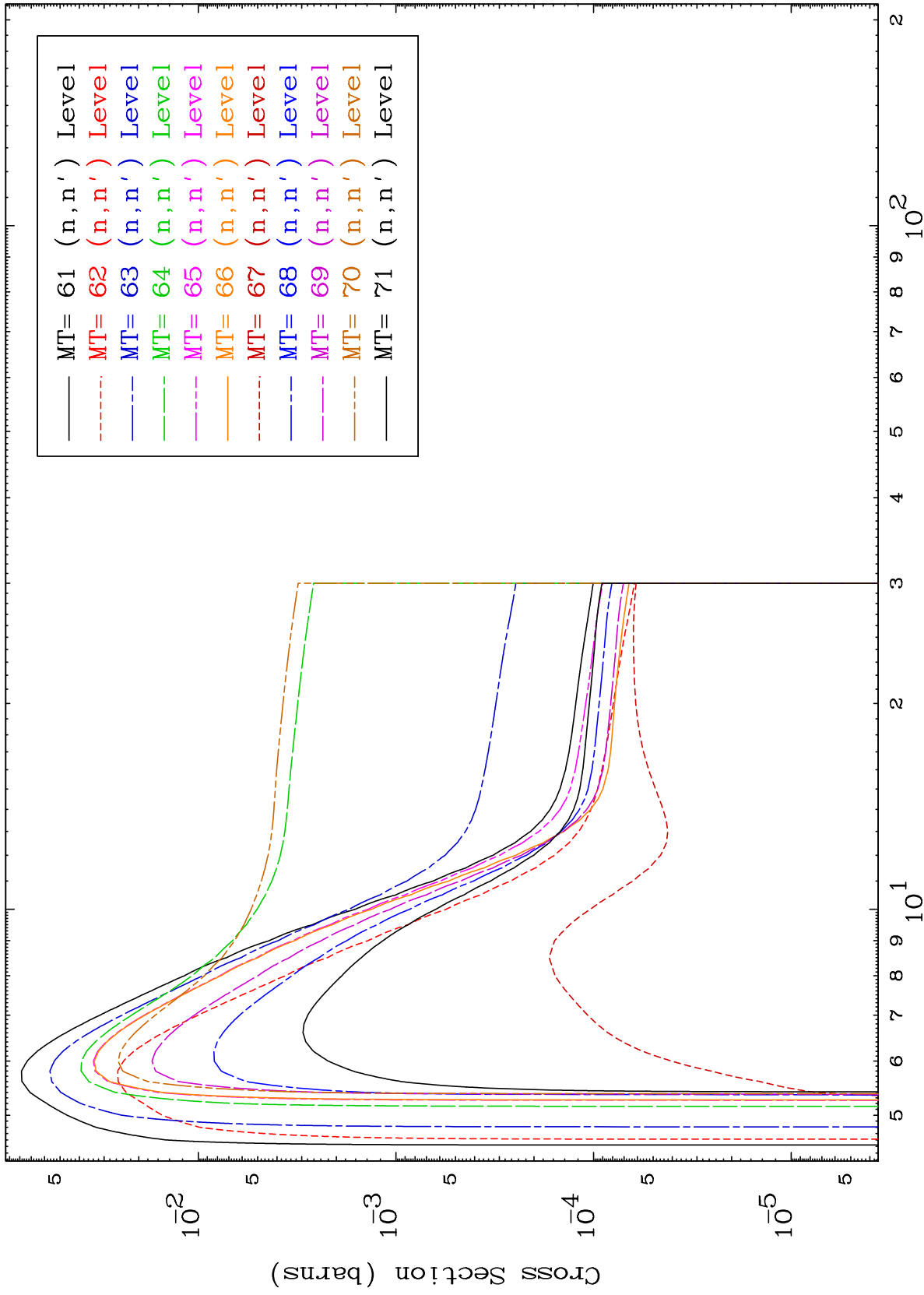


MAT 5082

(n,n') Level

50-Sn-131

293 Kelvin Cross Sections



6

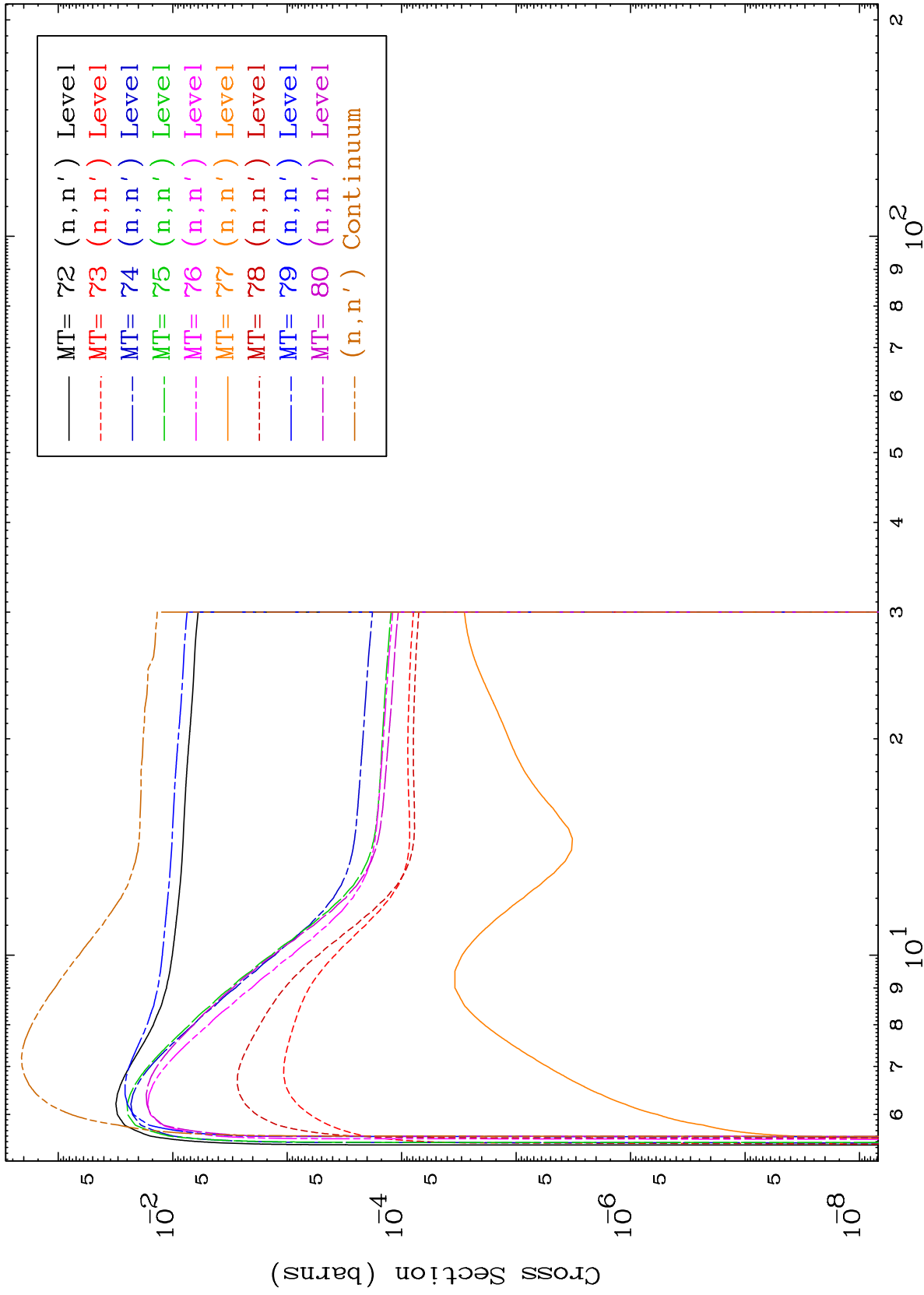
Incident Energy (MeV)

50-Sn-131

MAT 5082

(n,n') Level
293 Kelvin Cross Sections

50-Sn-131



7

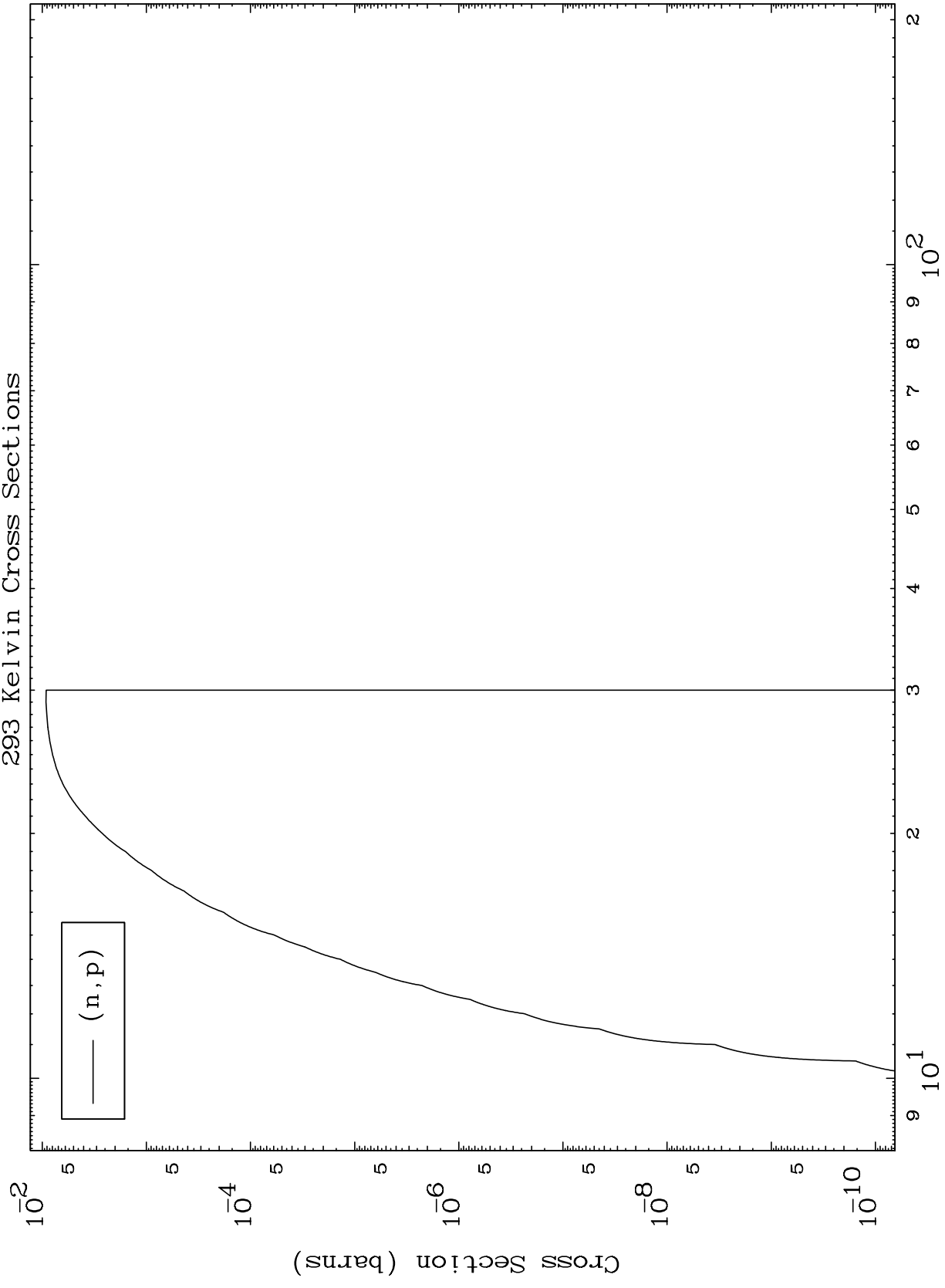
Incident Energy (MeV)

50-Sn-131

MAT 5082

(n,p) Levels
293 Kelvin Cross Sections

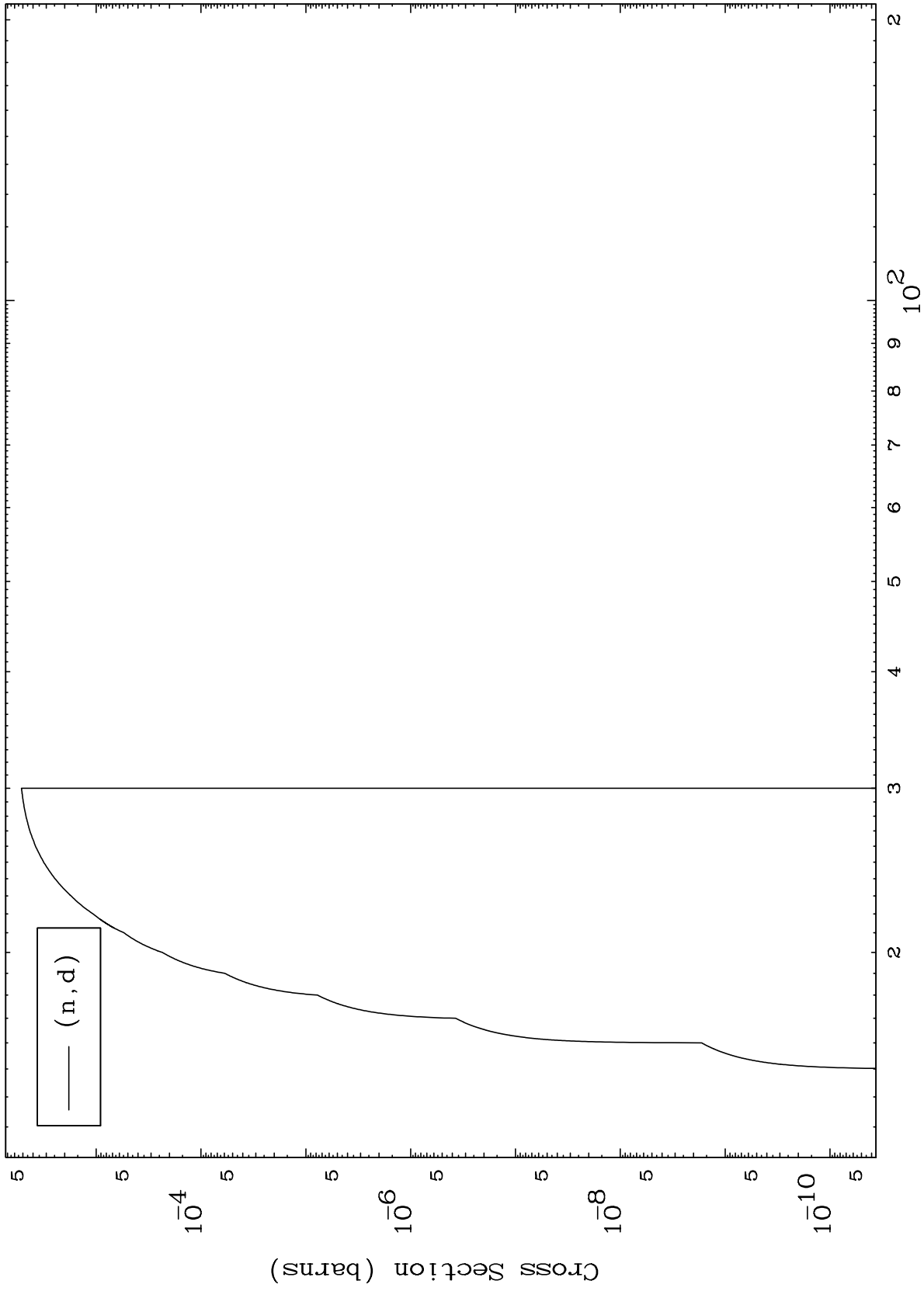
50-Sn-131



8

Incident Energy (MeV)

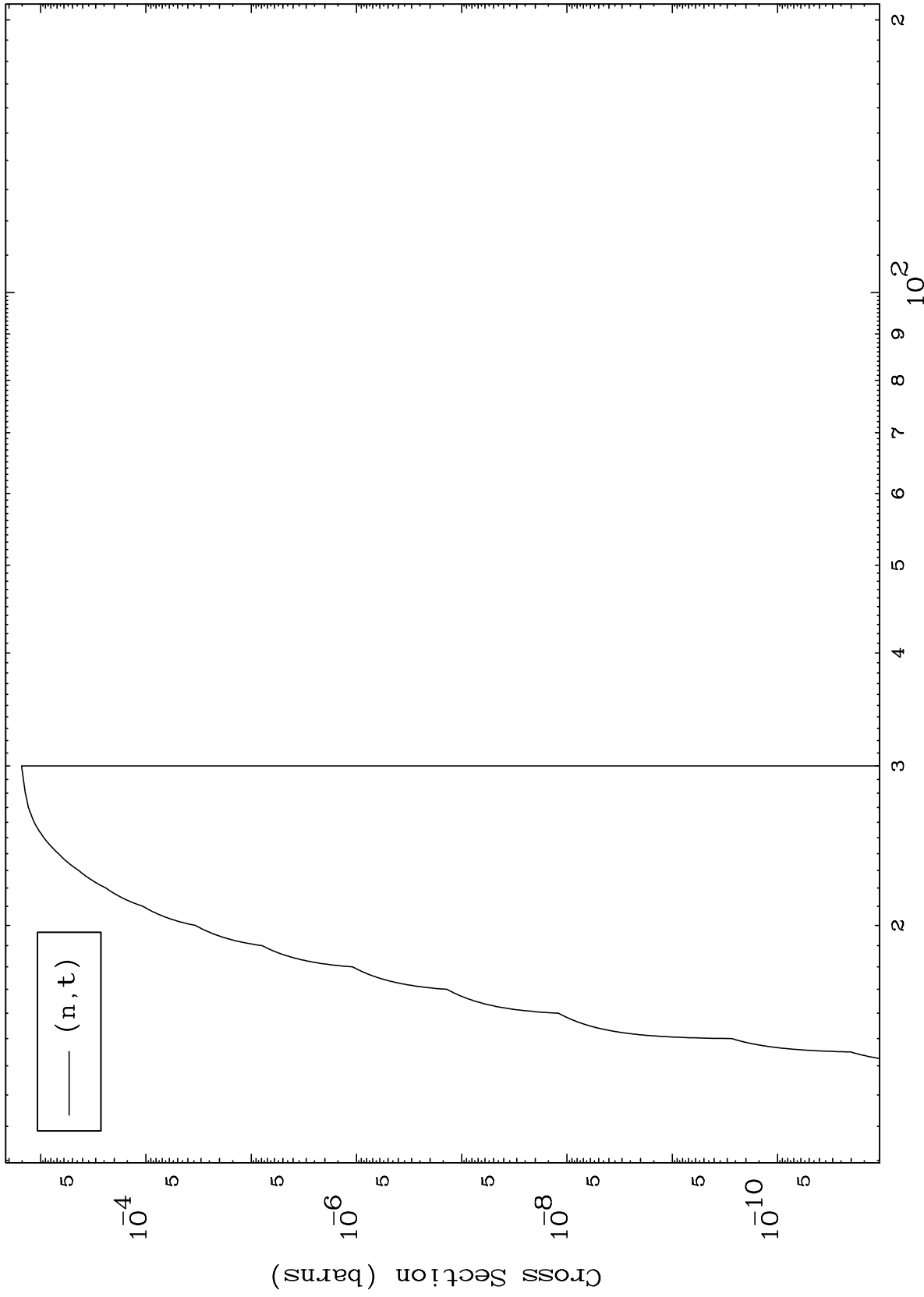
50-Sn-131



MAT 5082

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-131



10

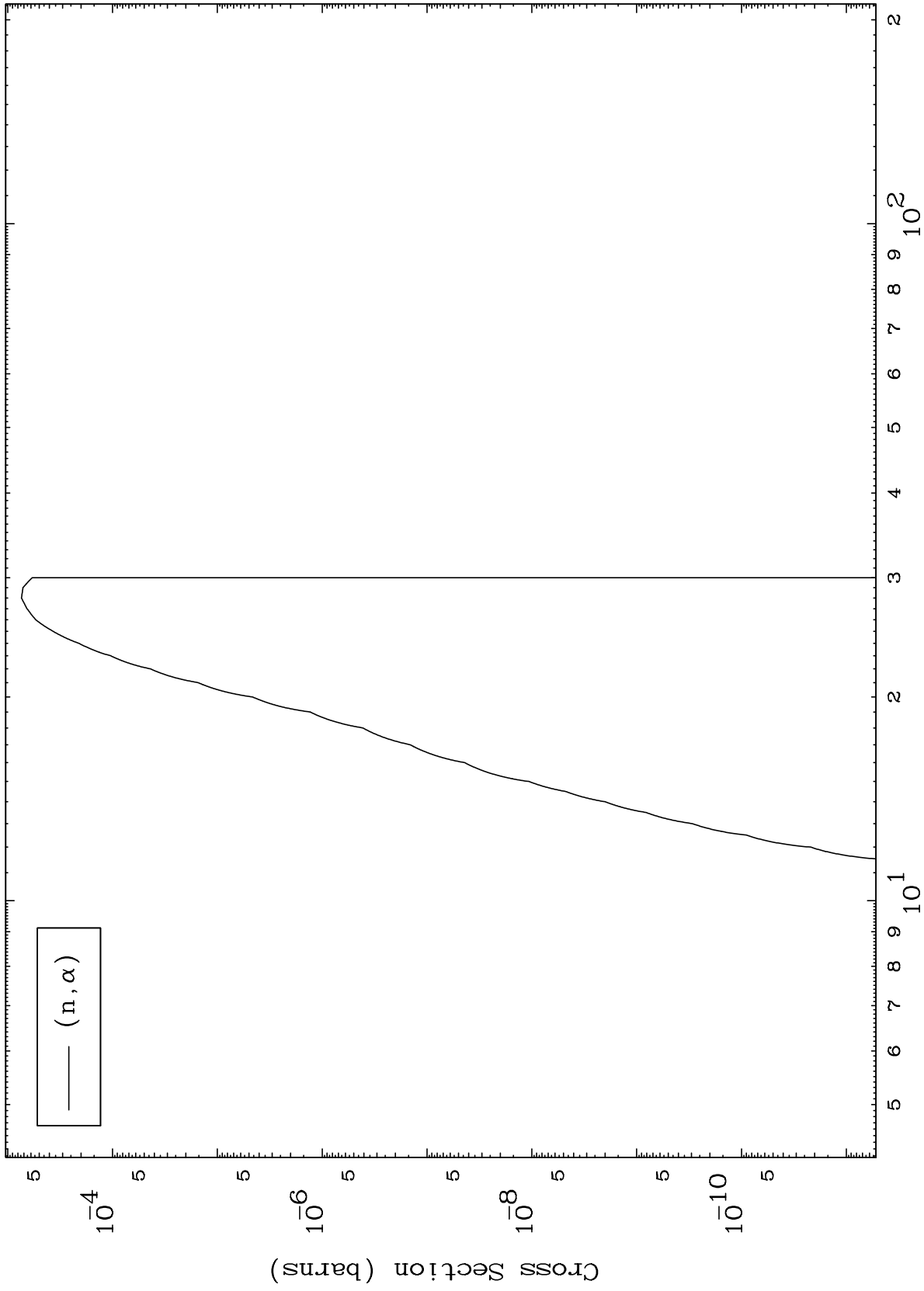
Incident Energy (MeV)

50-Sn-131

MAT 5082

(n,α) Levels
293 Kelvin Cross Sections

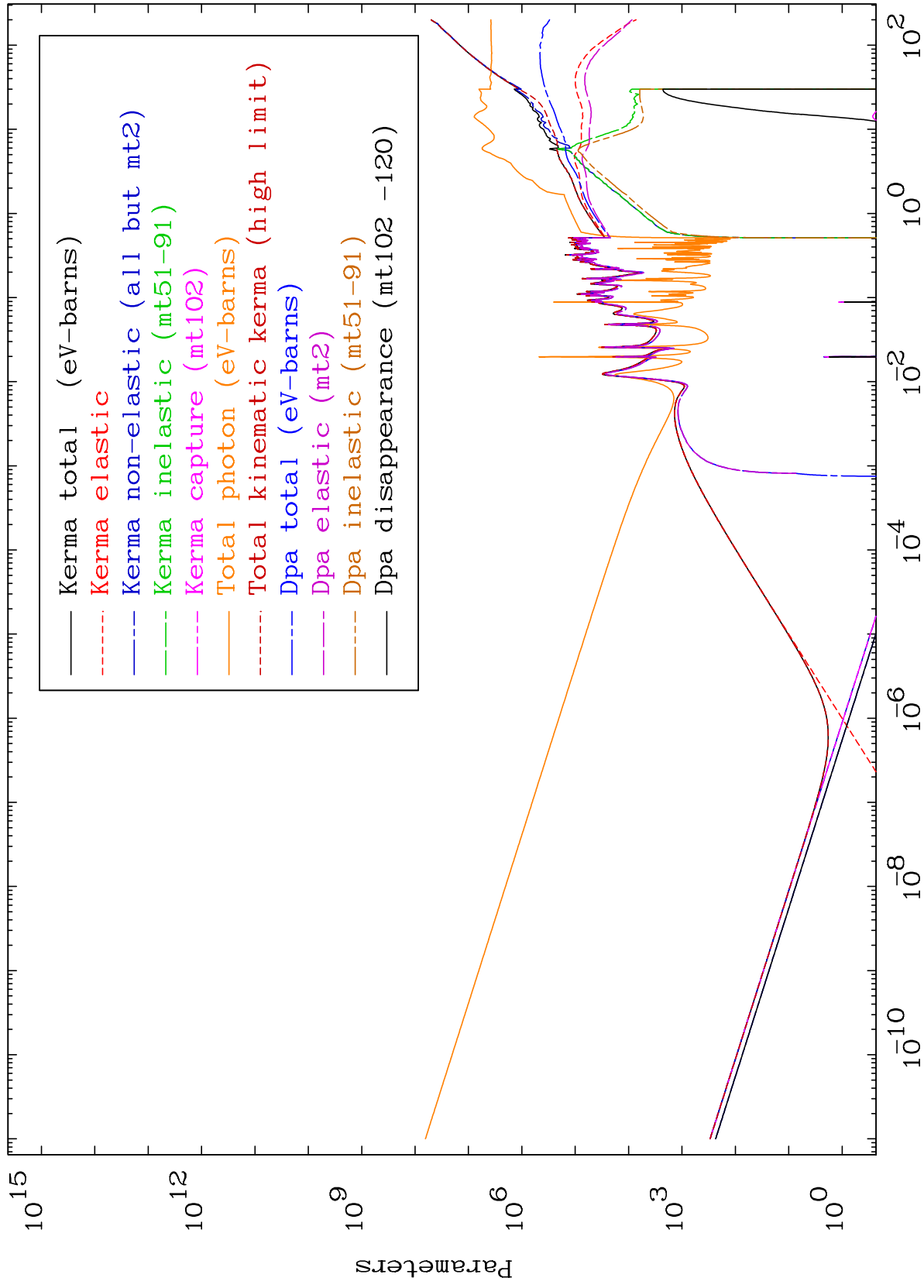
50-Sn-131



11

Incident Energy (MeV)

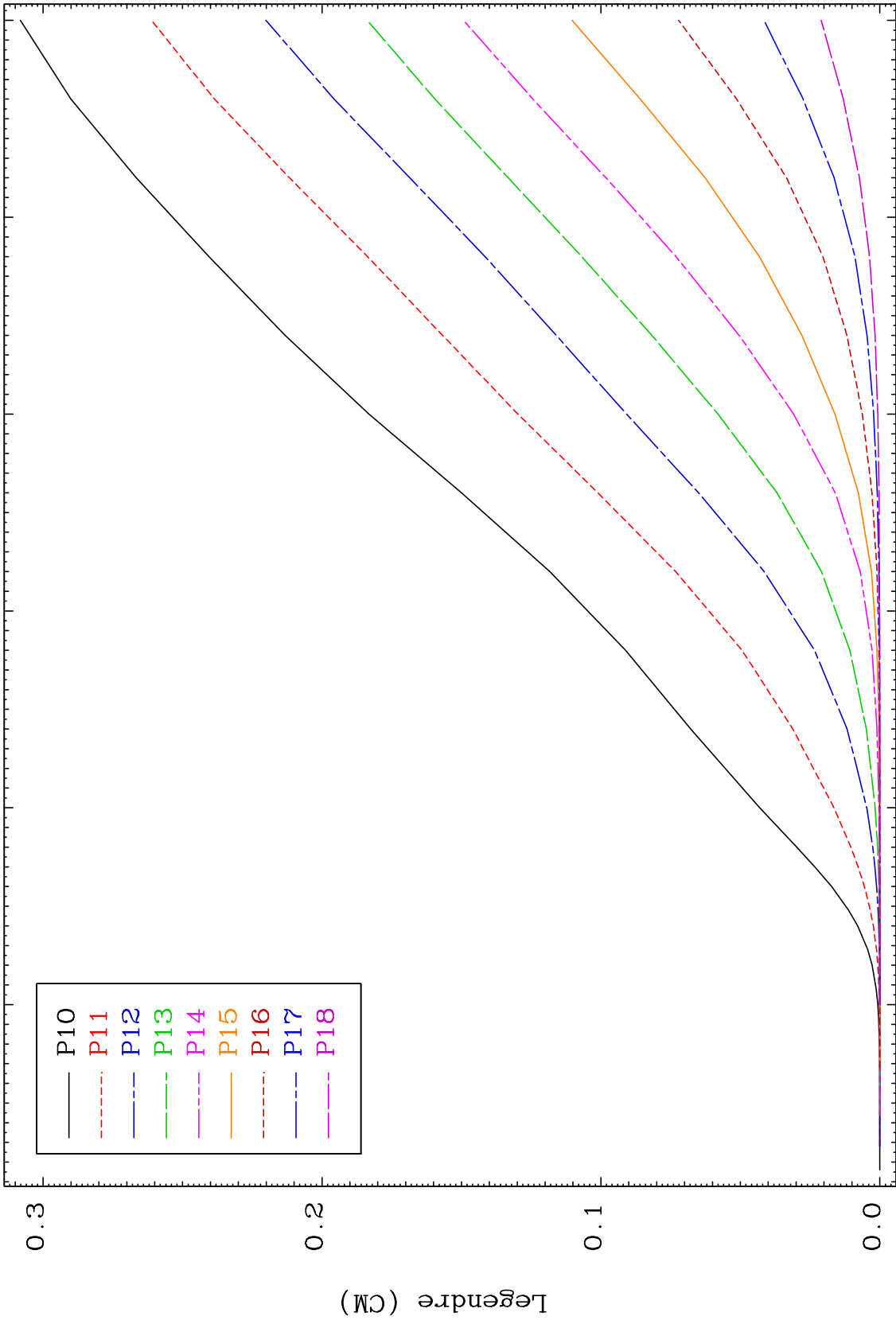
50-Sn-131



MAT 5082

Elastic Legendre Coefficients

50-Sn-131



14

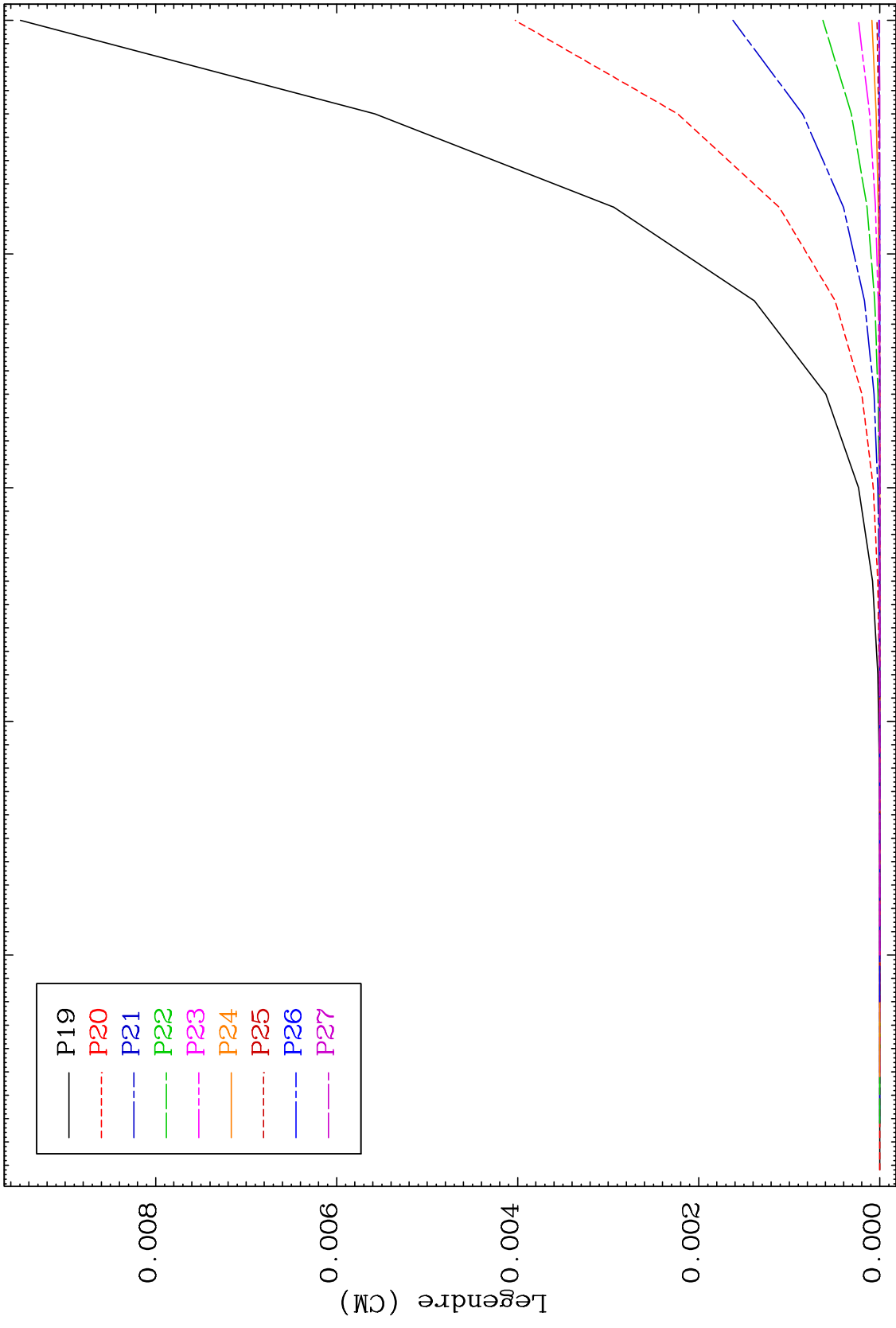
Incident Energy (MeV)

50-Sn-131

MAT 5082

Elastic Legendre Coefficients

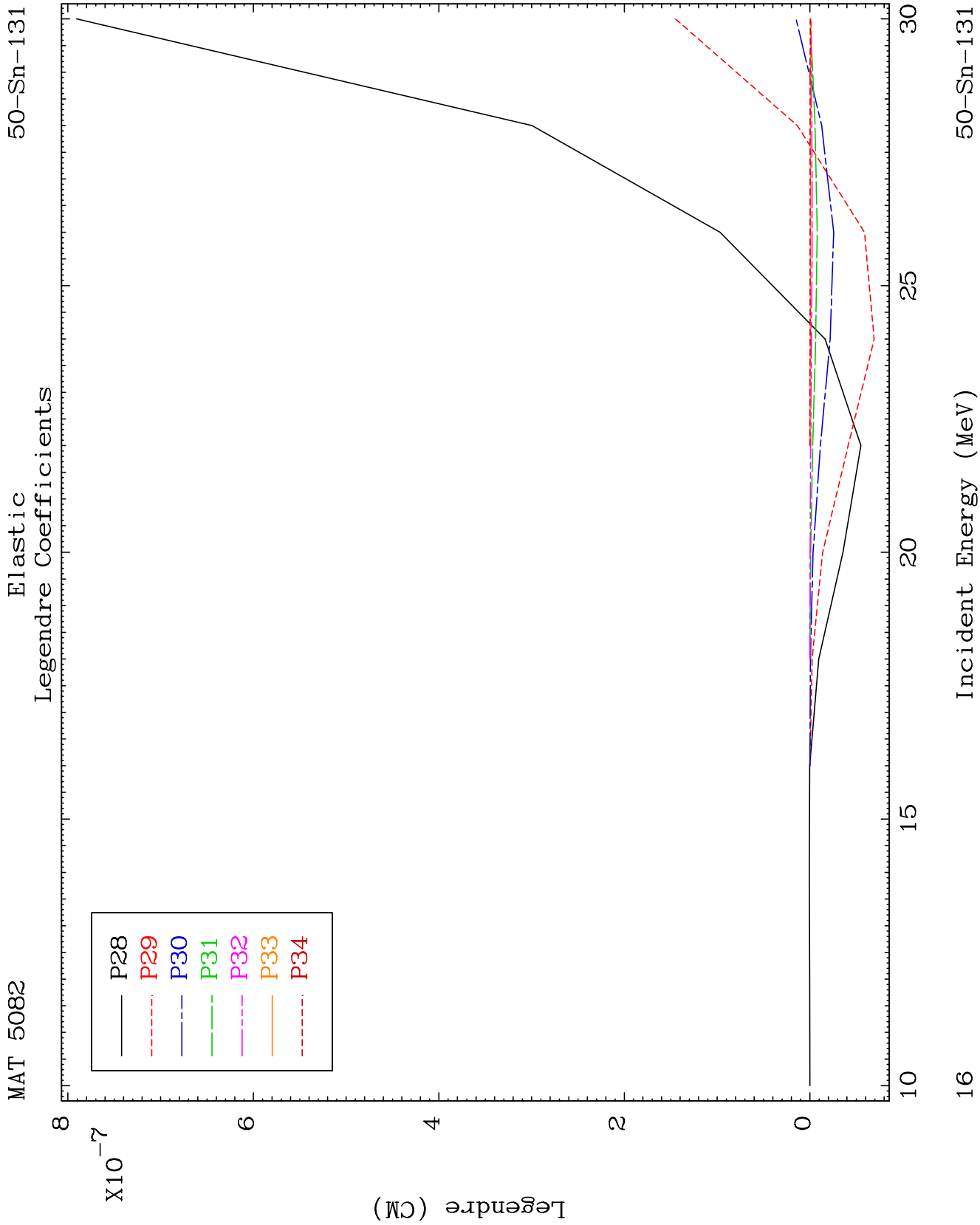
50-Sn-131



15

Incident Energy (MeV)

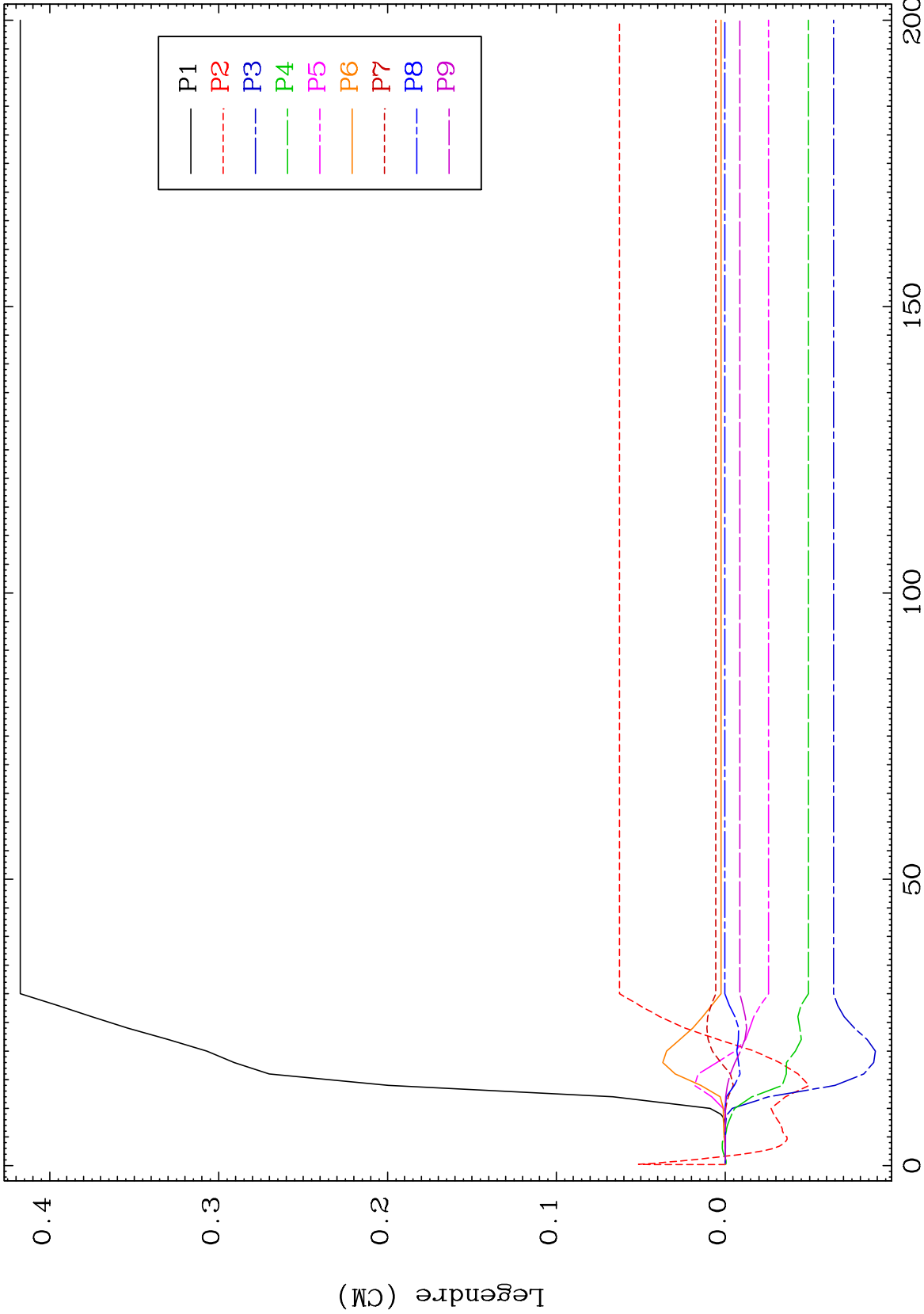
50-Sn-131



MAT 5082

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

50-Sn-131



17

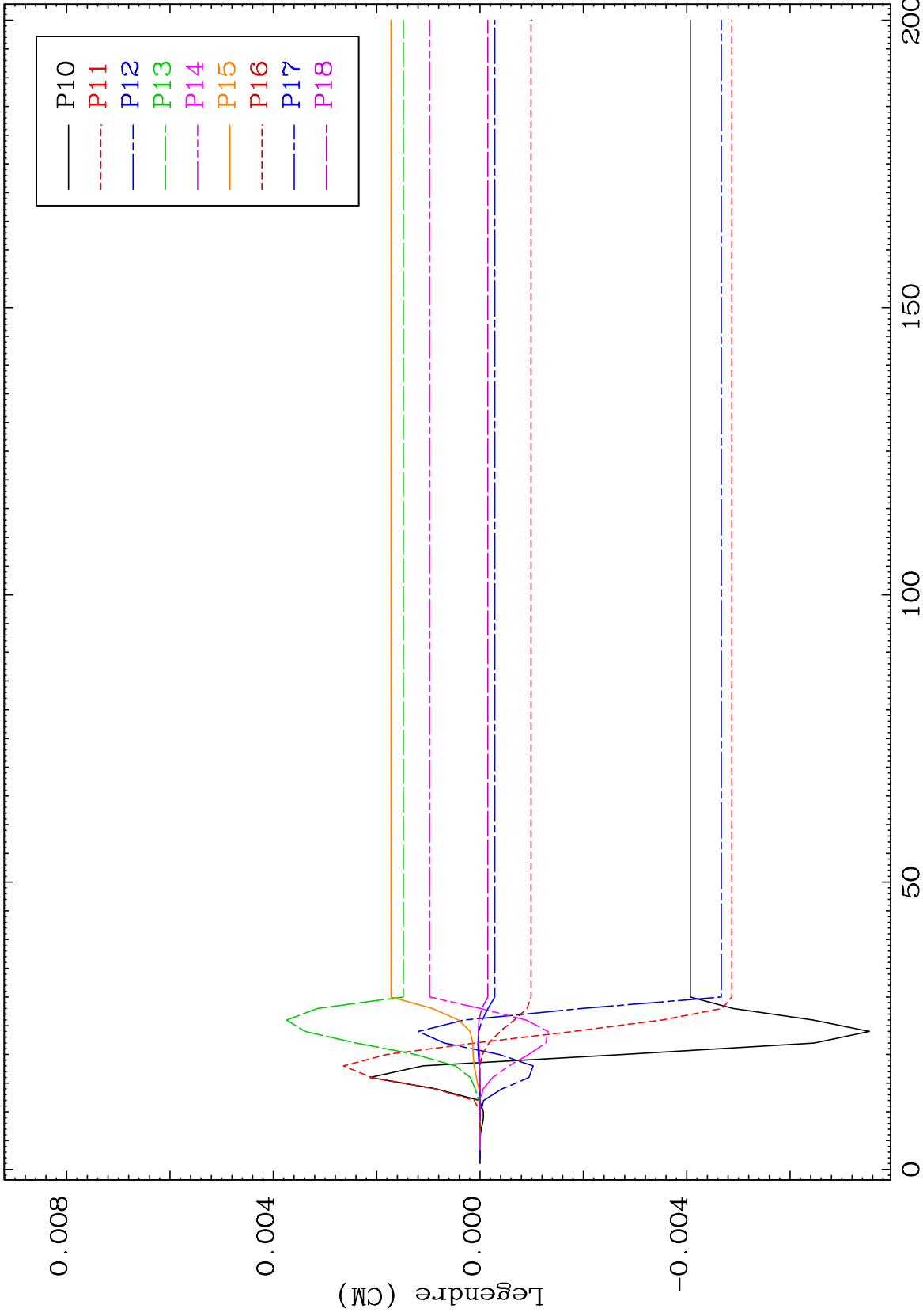
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



18

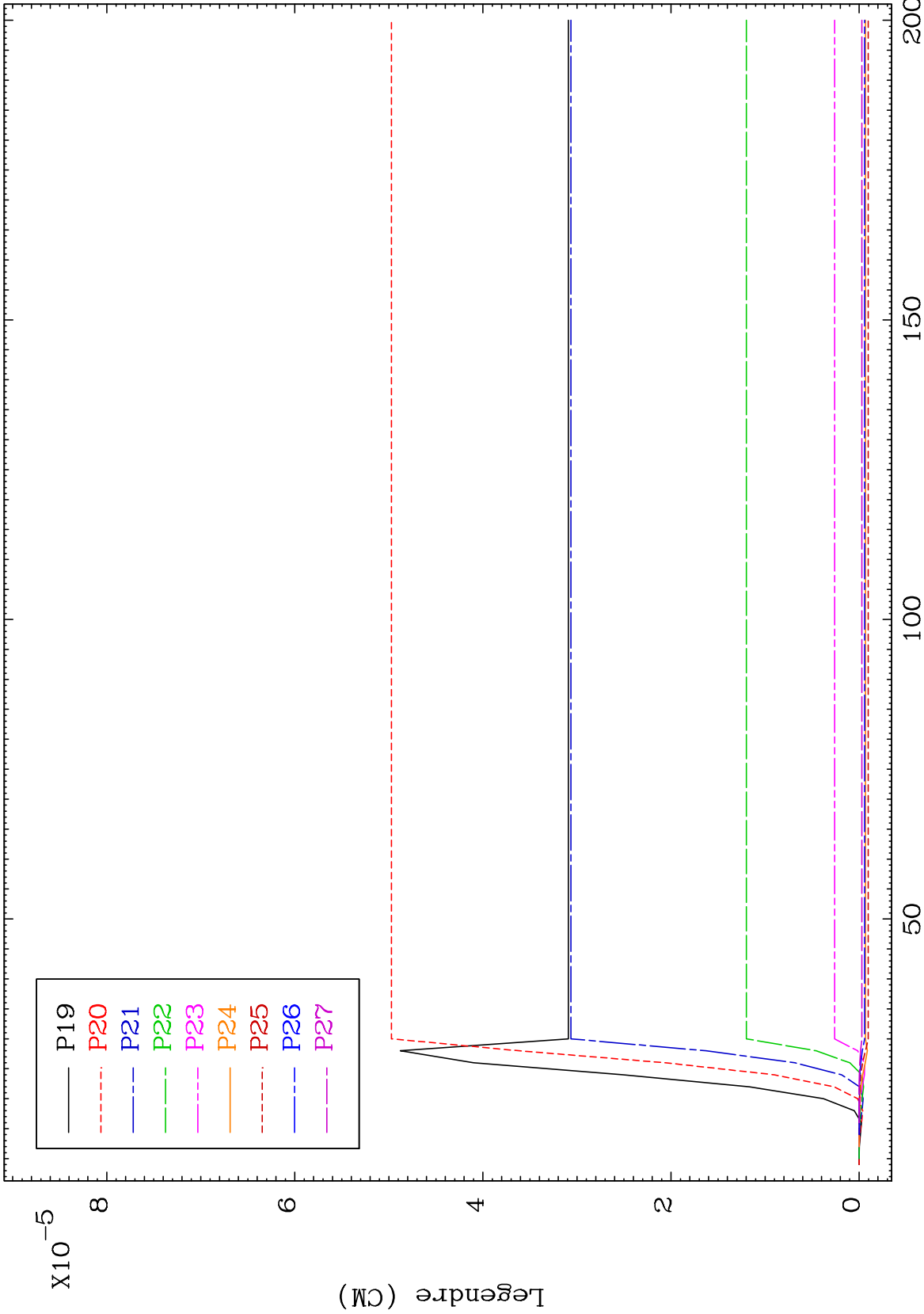
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

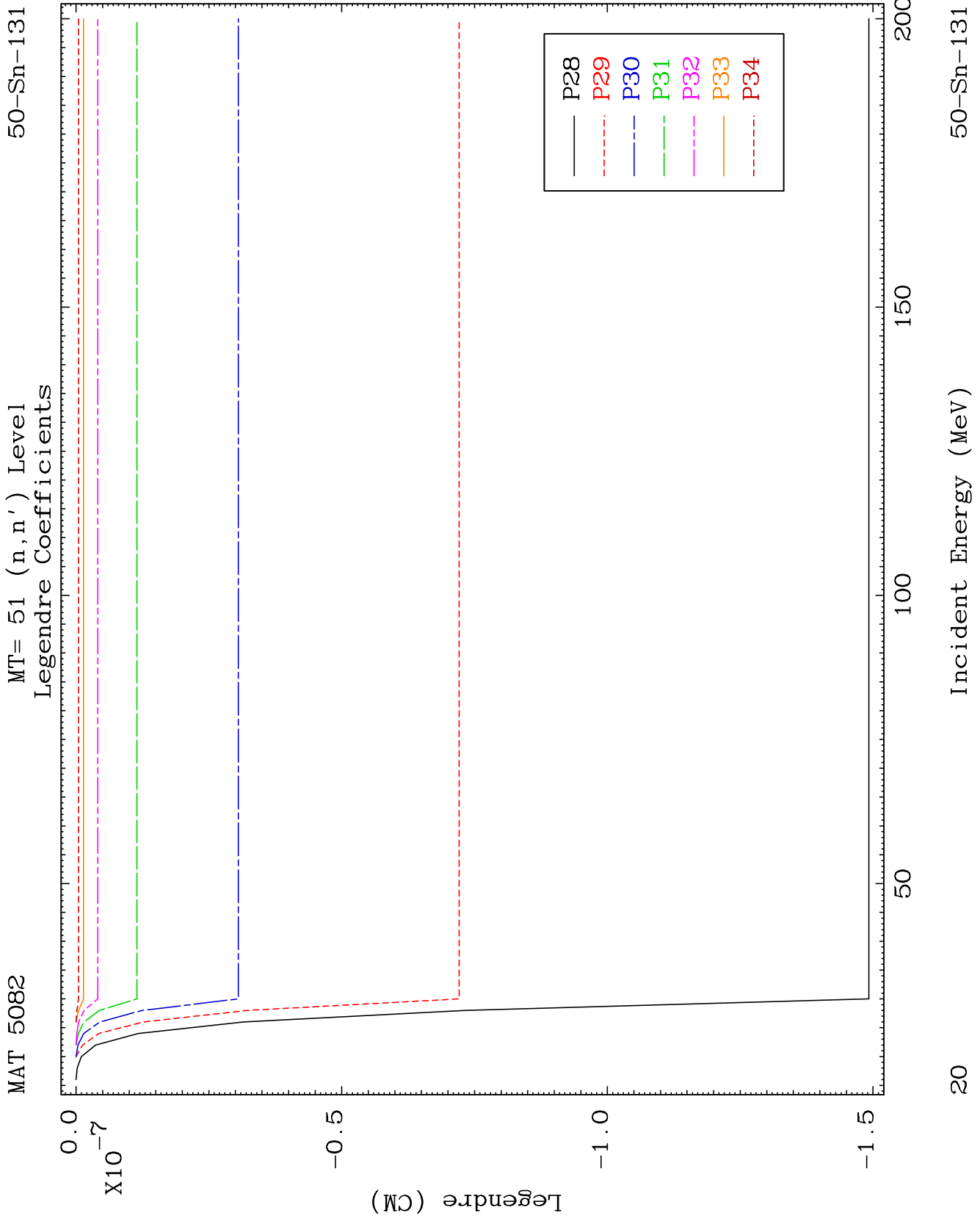
50-Sn-131



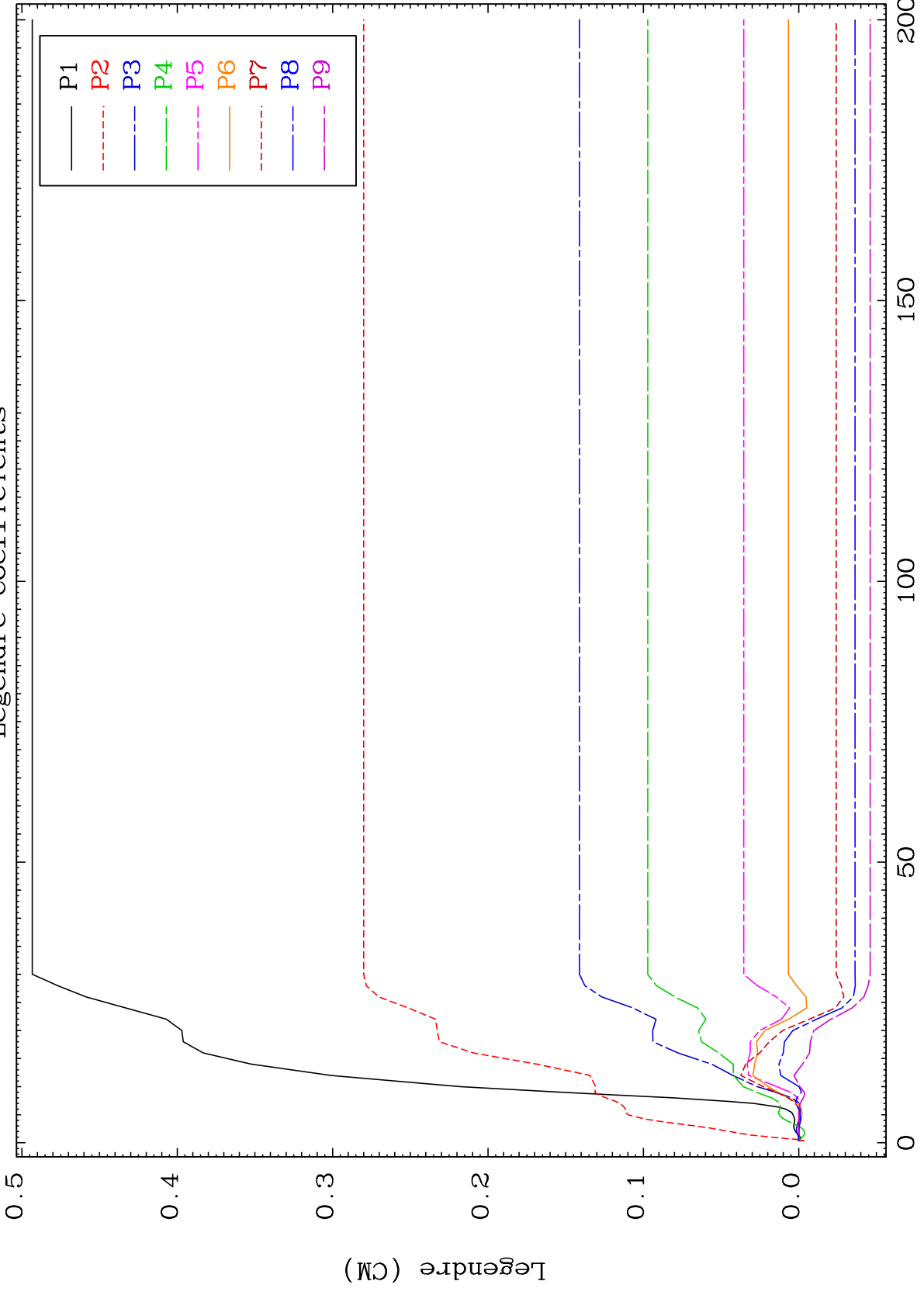
19

Incident Energy (MeV)

50-Sn-131



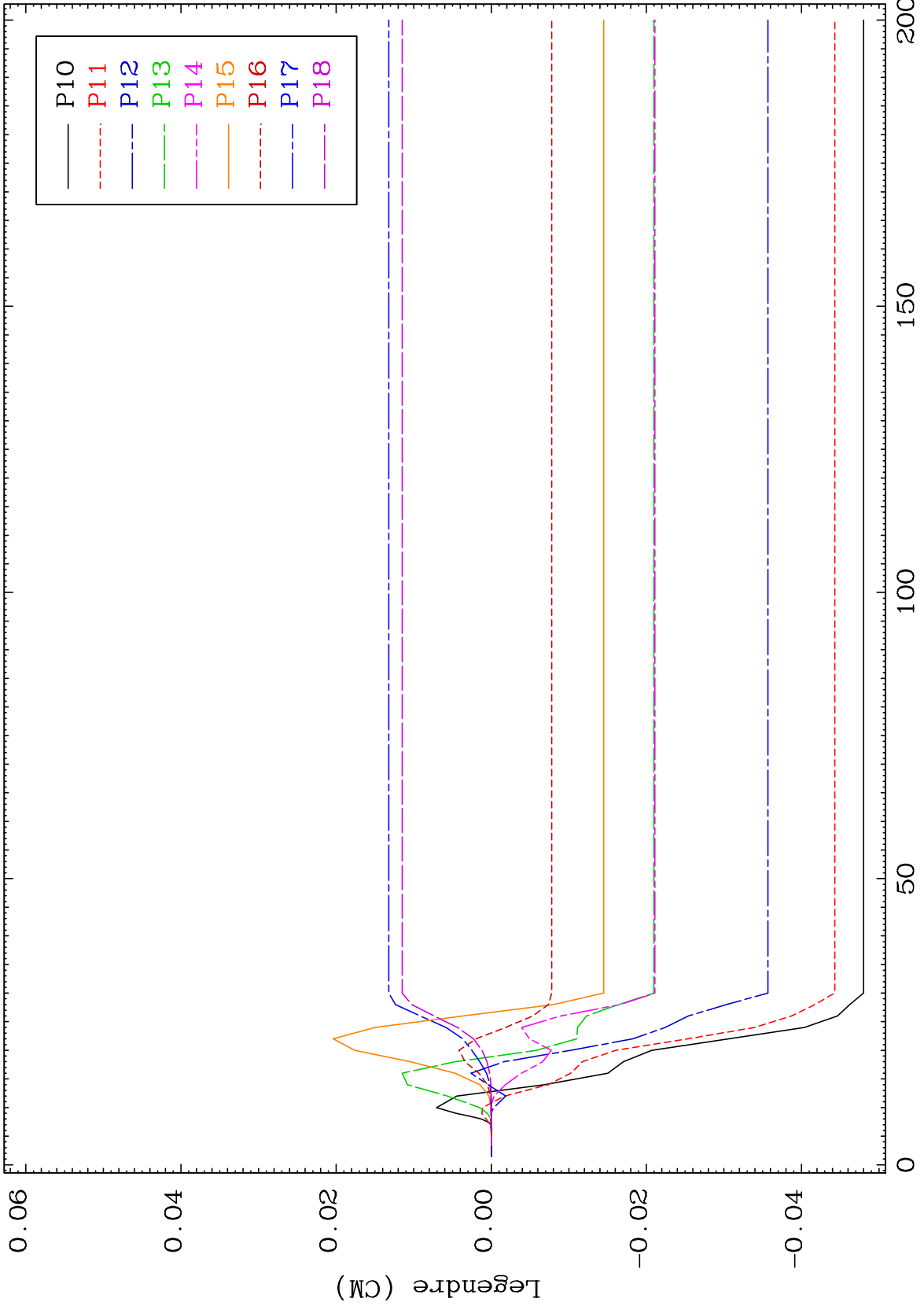
MAT 5082 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-131



MAT 5082

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

50-Sn-131



22

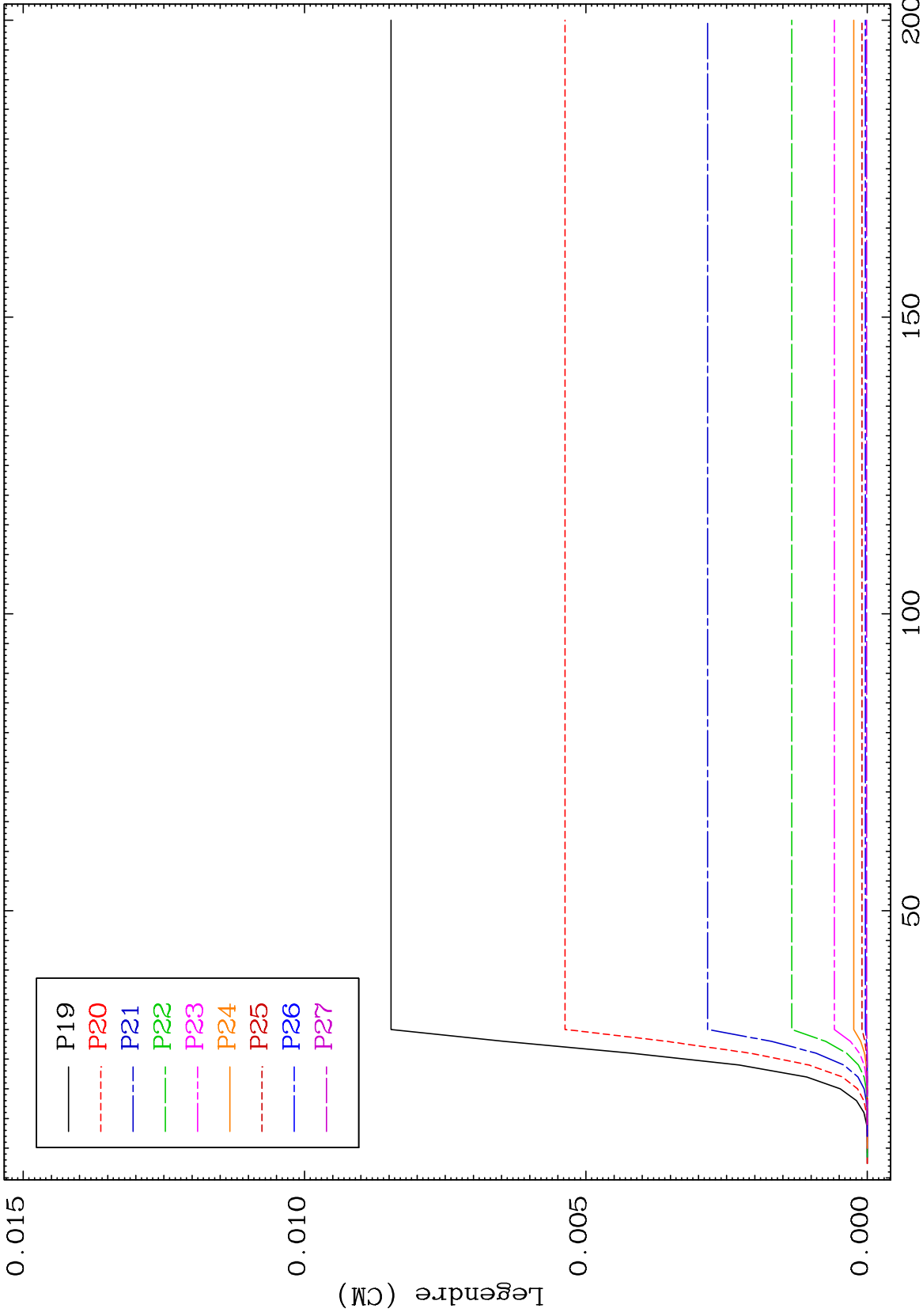
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



23

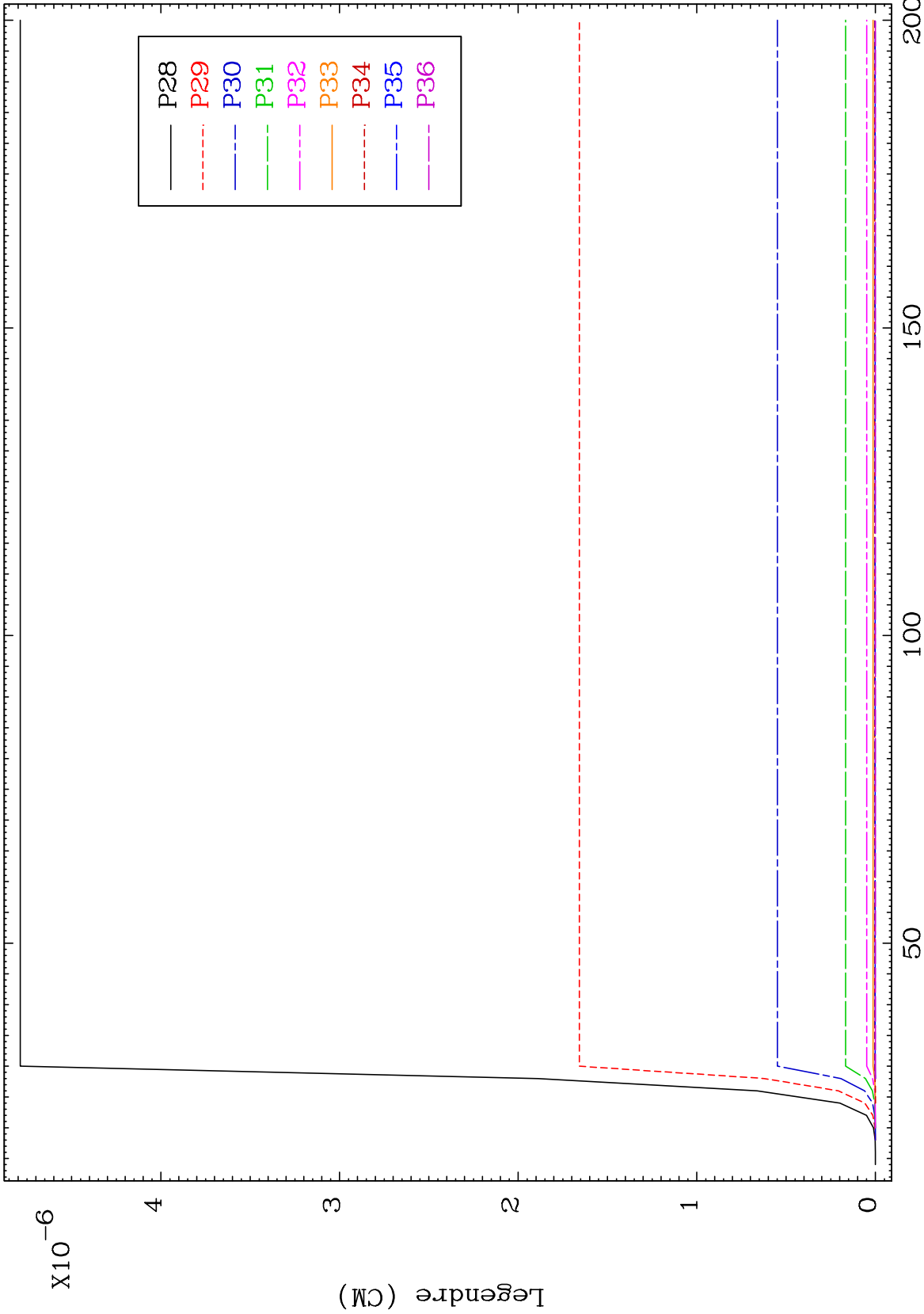
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131

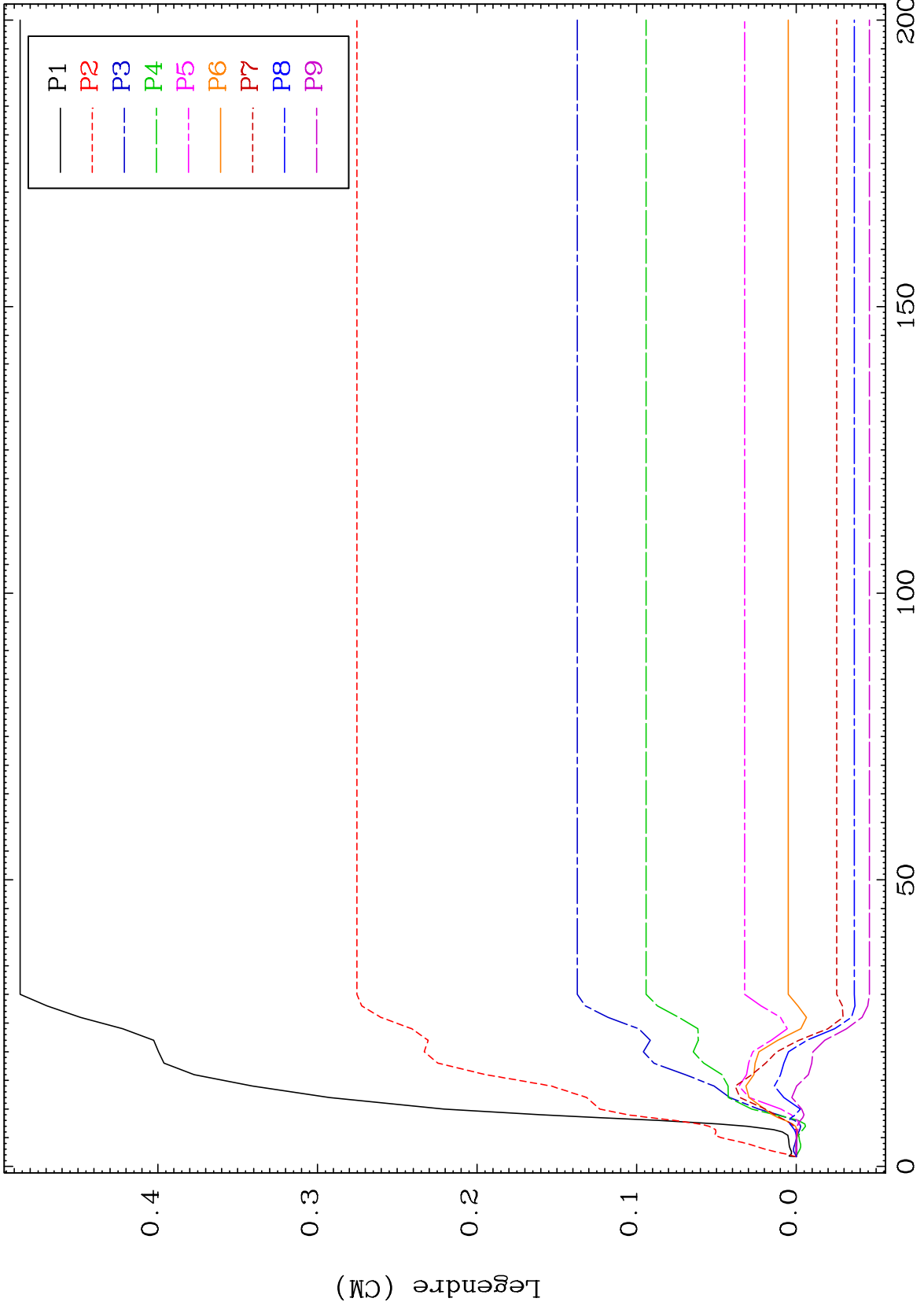


24

Incident Energy (MeV)

50-Sn-131

MAT 5082 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-131

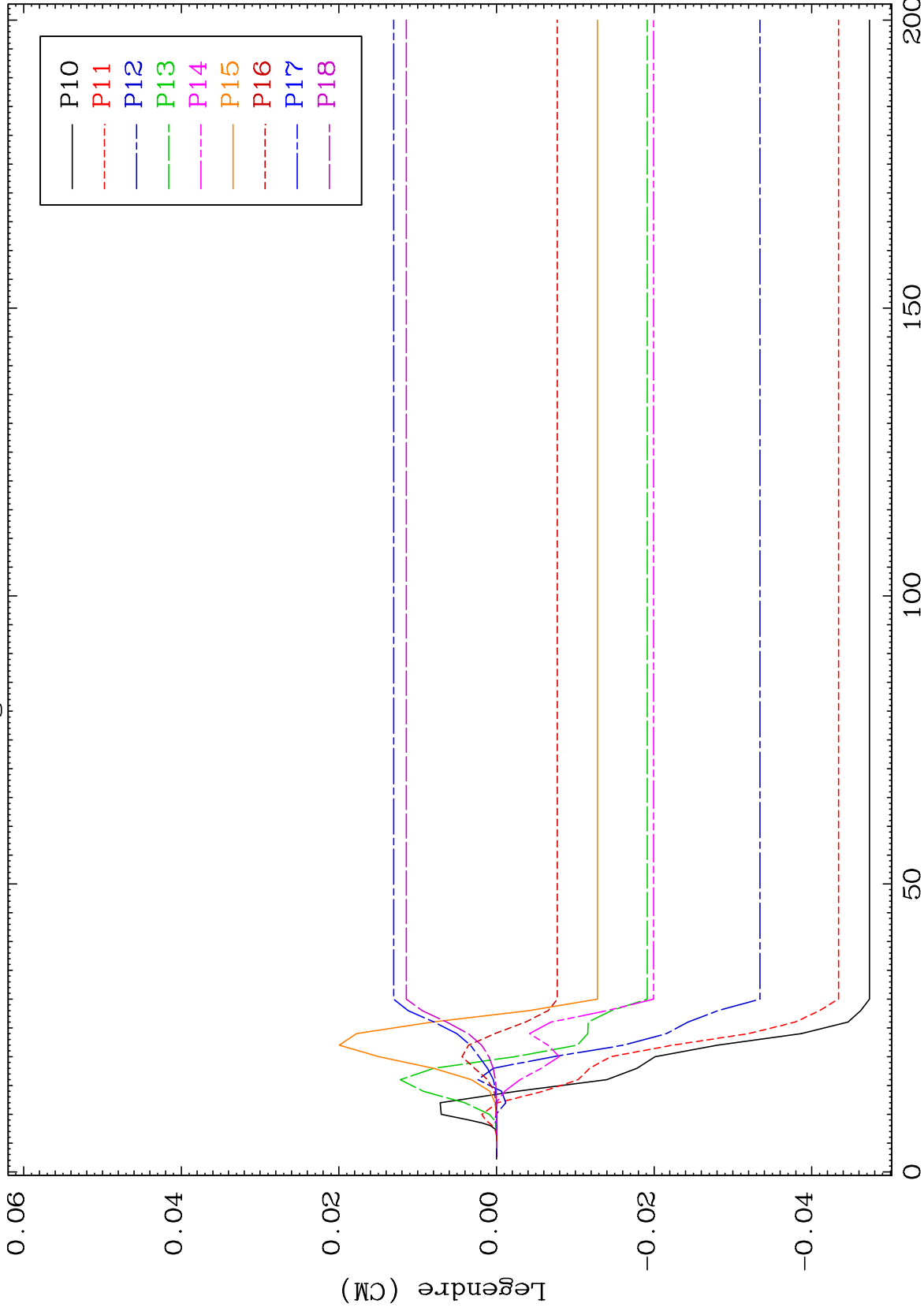


25 Incident Energy (MeV) 50-Sn-131

MAT 5082

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

50-Sn-131

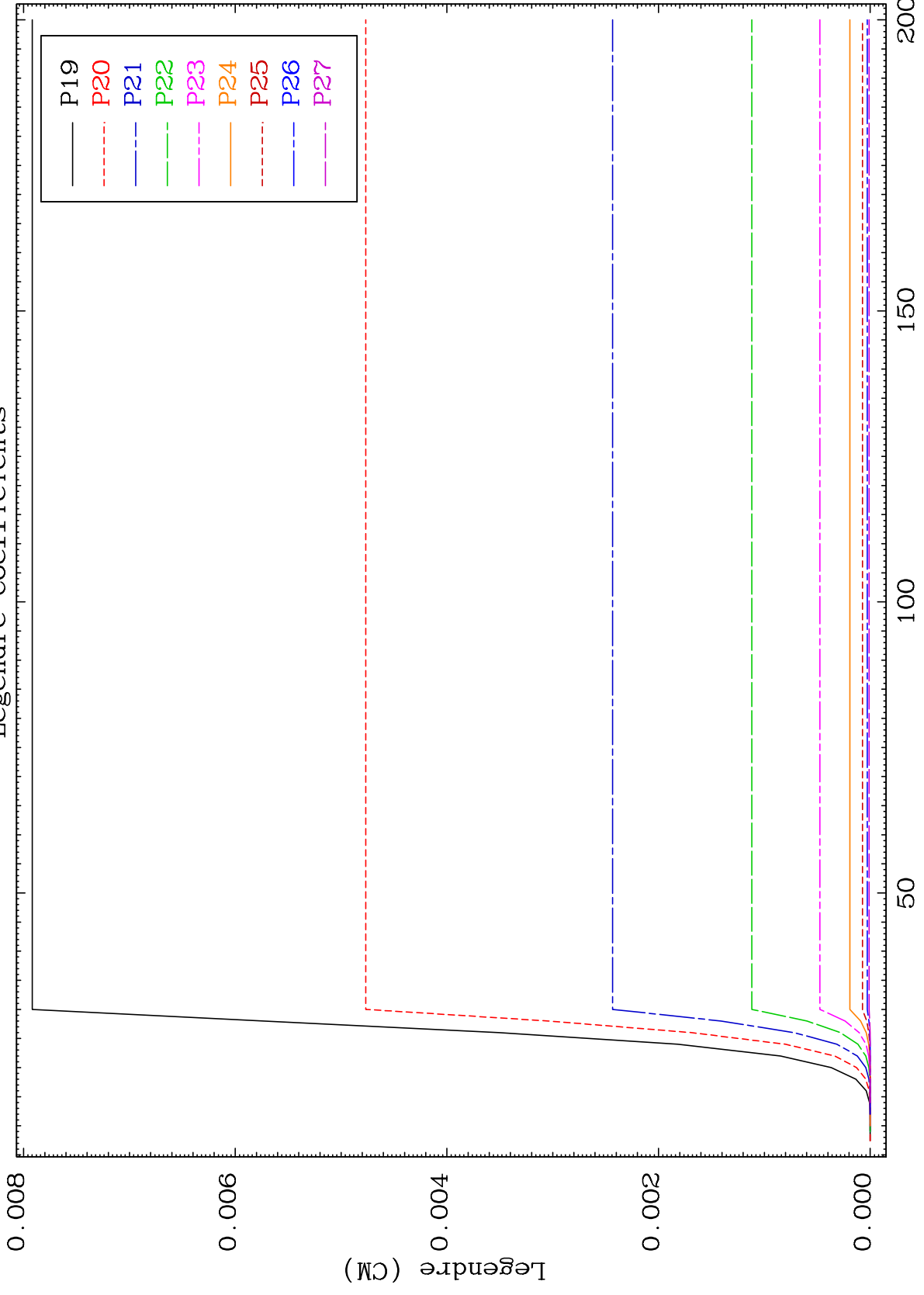


26

Incident Energy (MeV)

50-Sn-131

MAT 5082 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-131

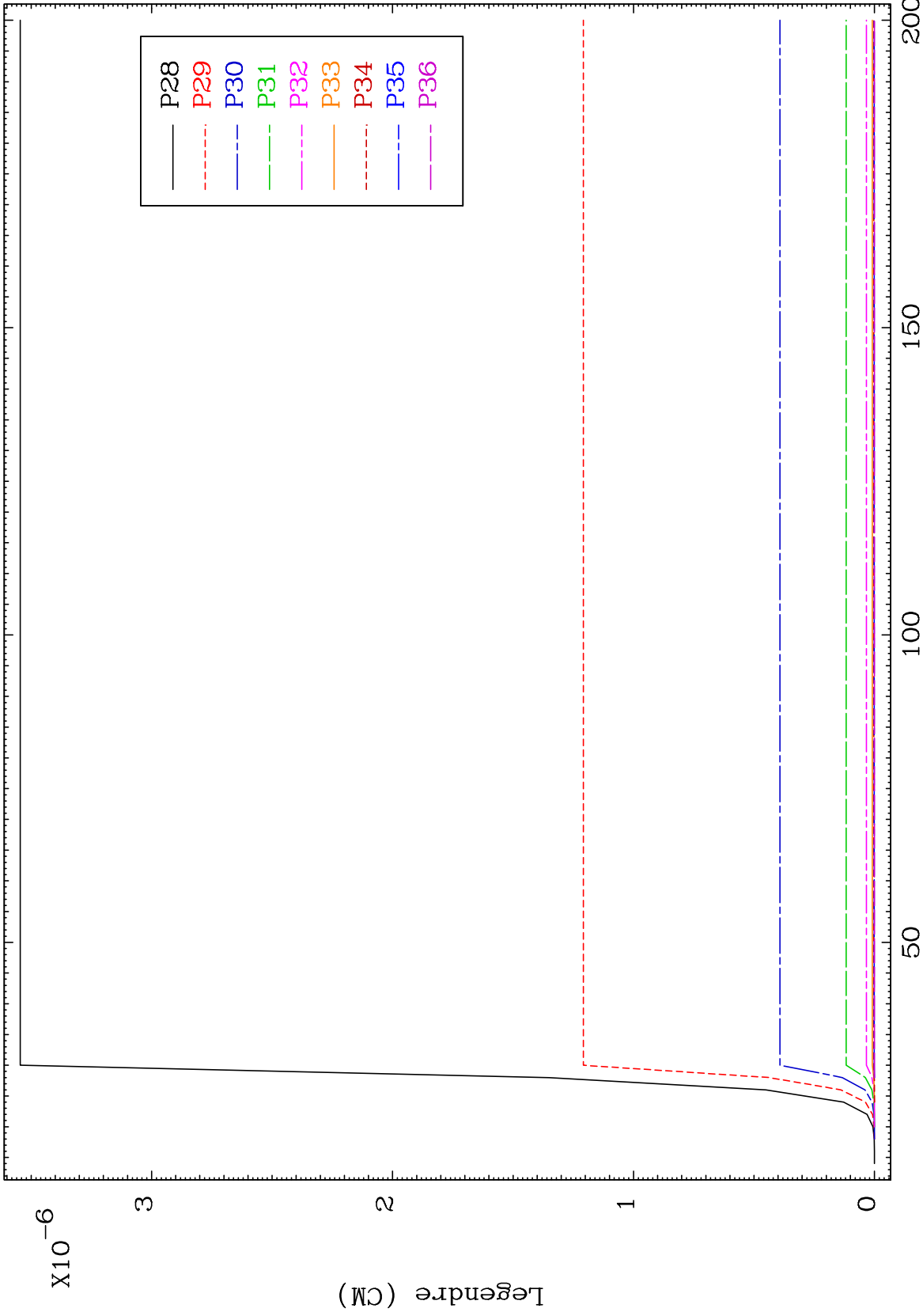


27 Incident Energy (MeV) 50-Sn-131

MAT 5082

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

50-Sn-131



28

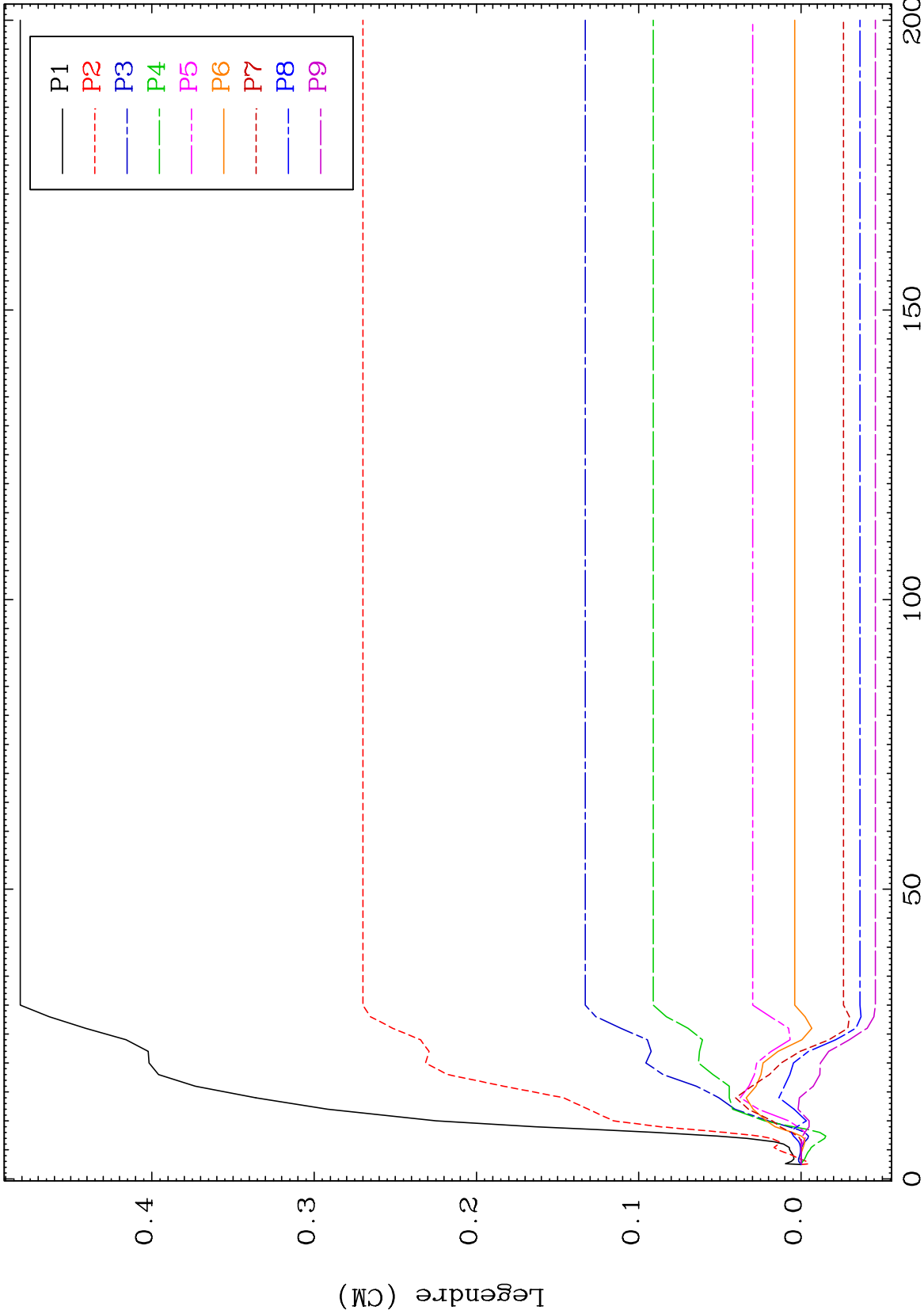
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

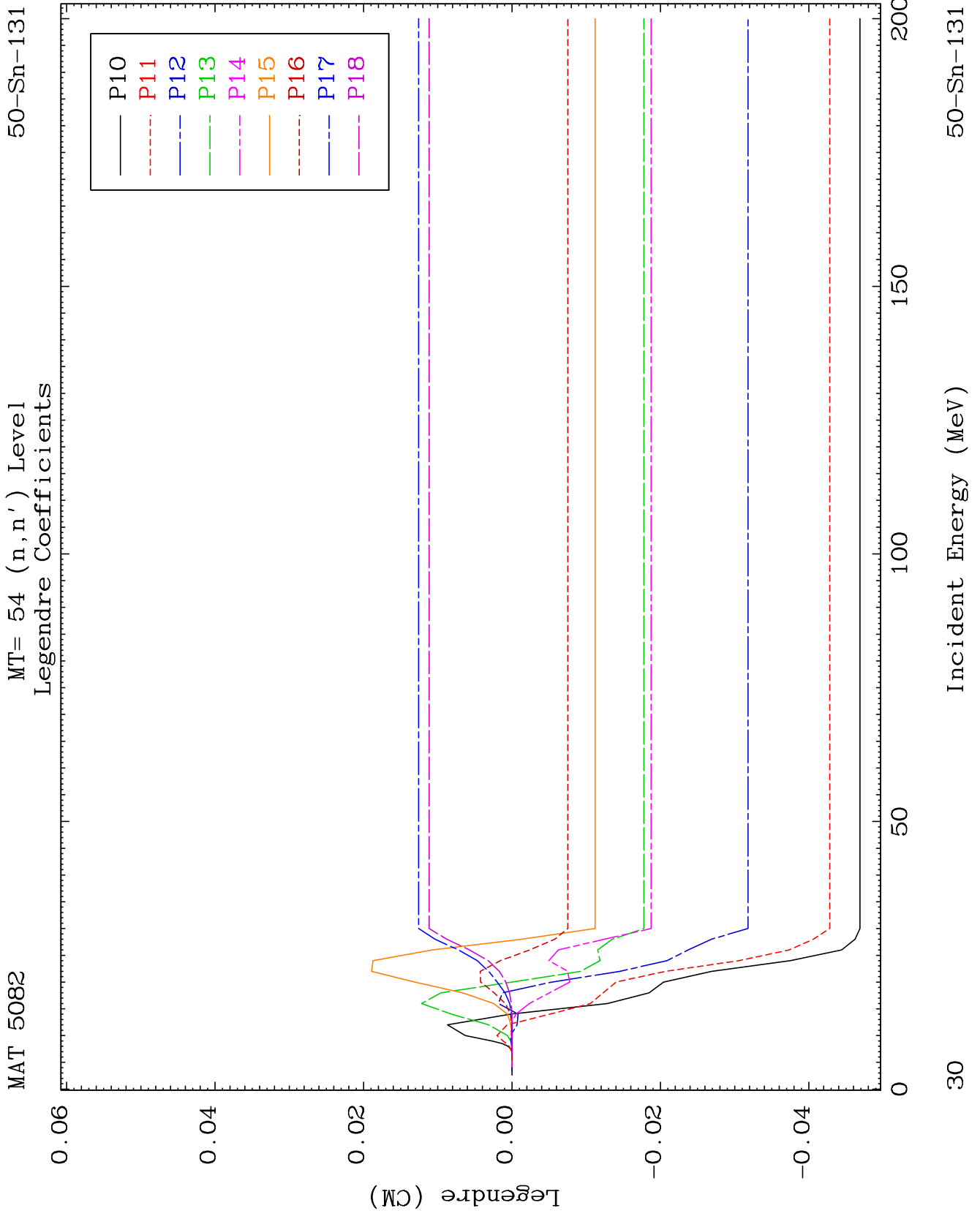
50-Sn-131



29

Incident Energy (MeV)

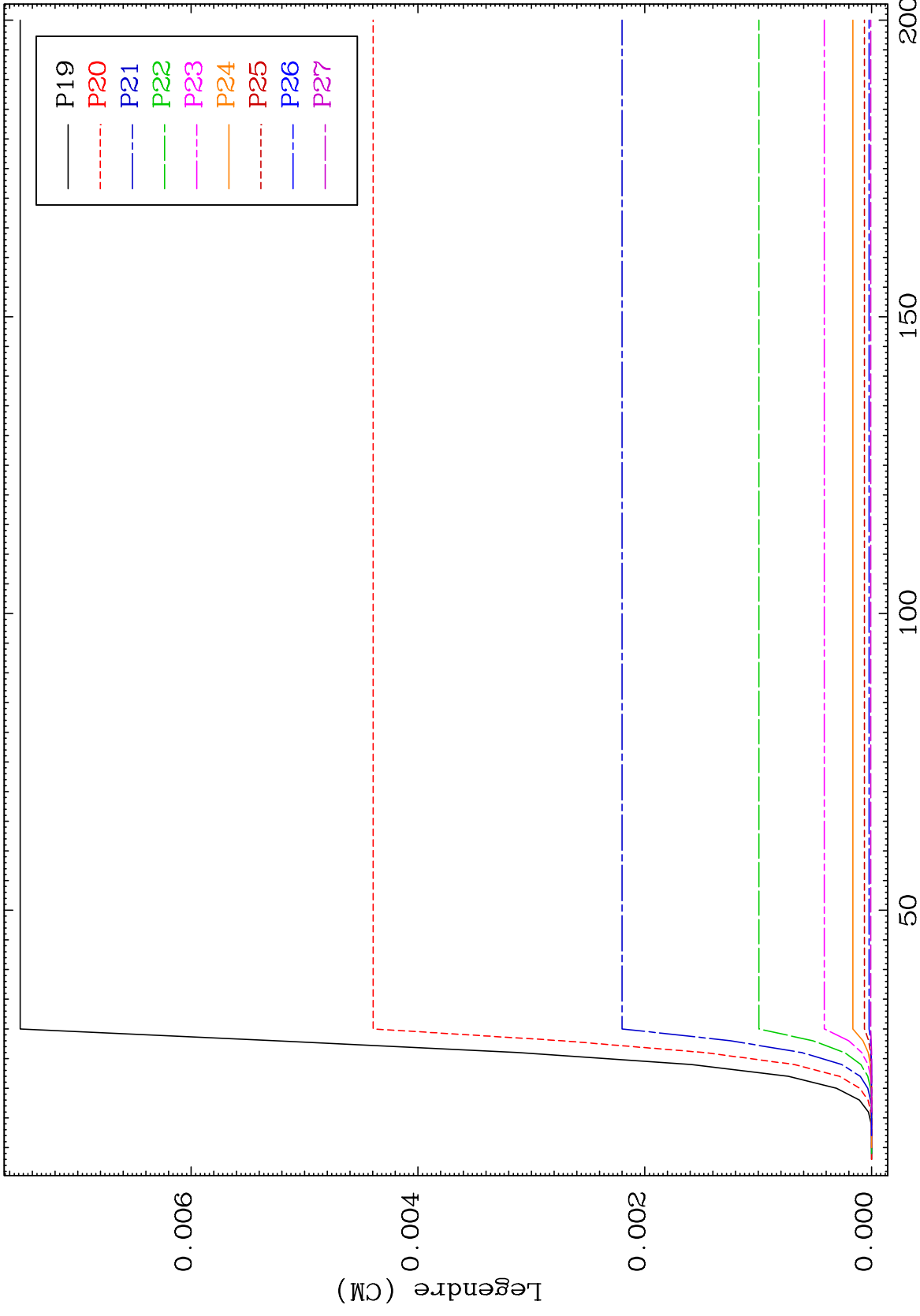
50-Sn-131



MAT 5082

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

50-Sn-131



31

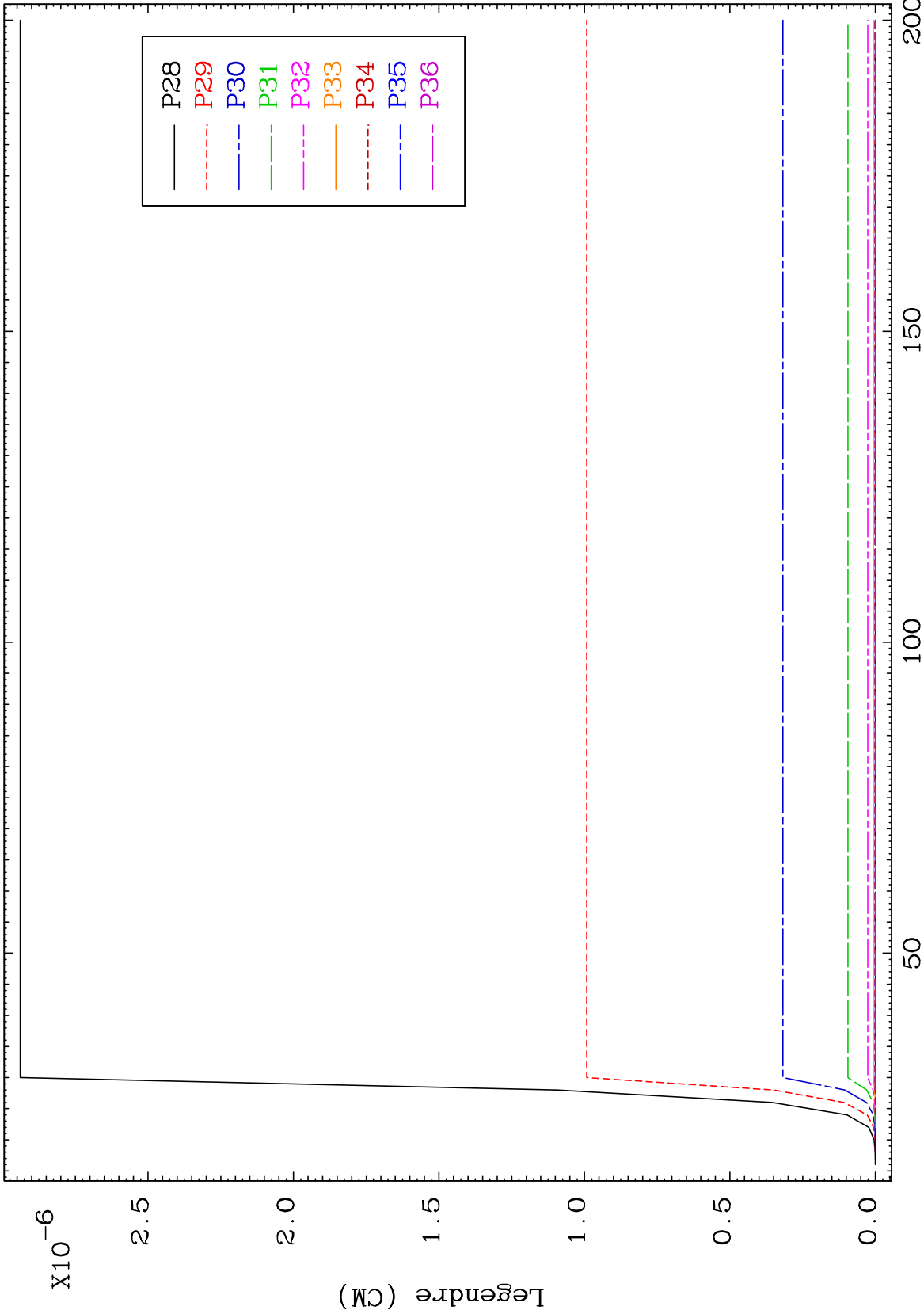
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

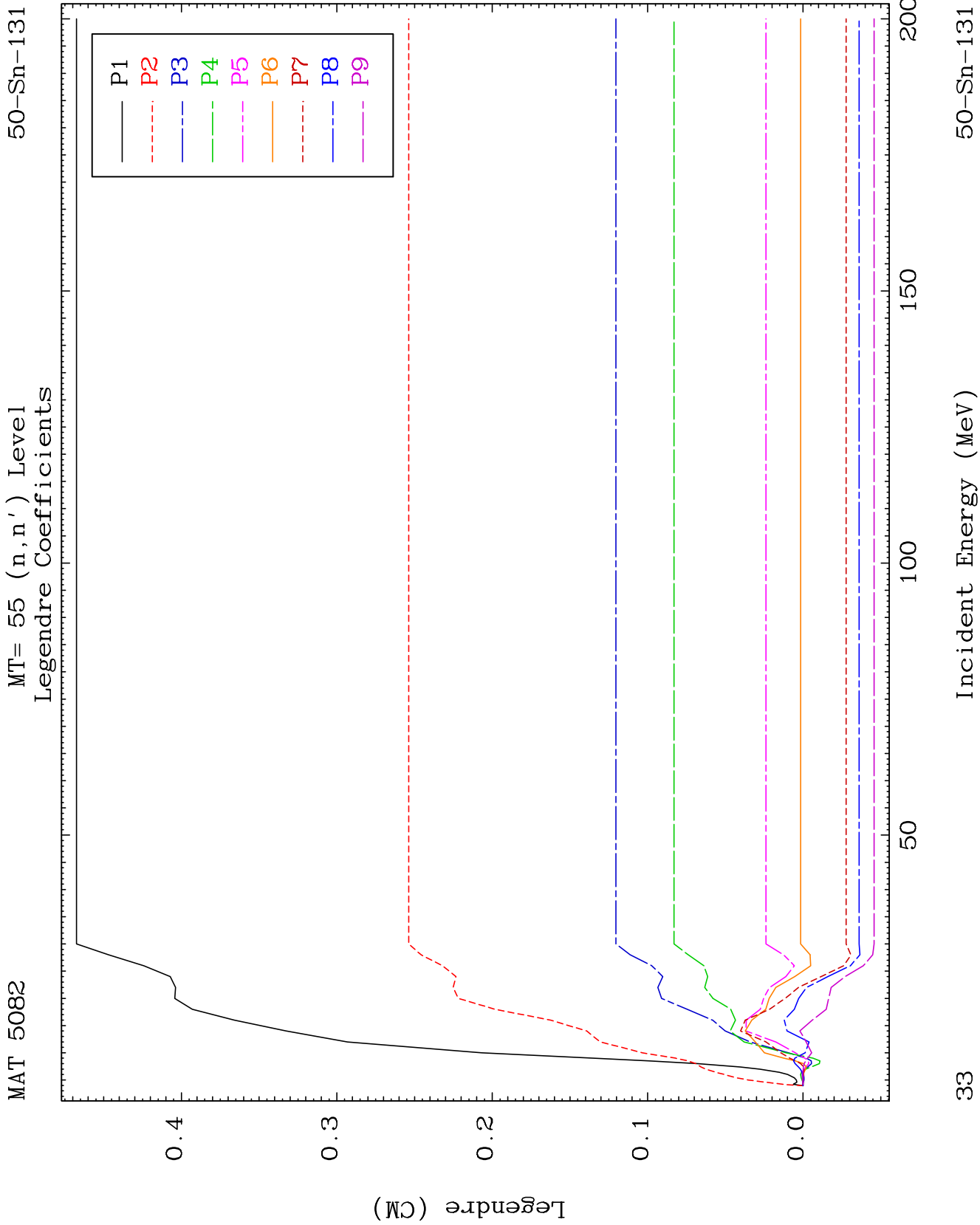
50-Sn-131



32

Incident Energy (MeV)

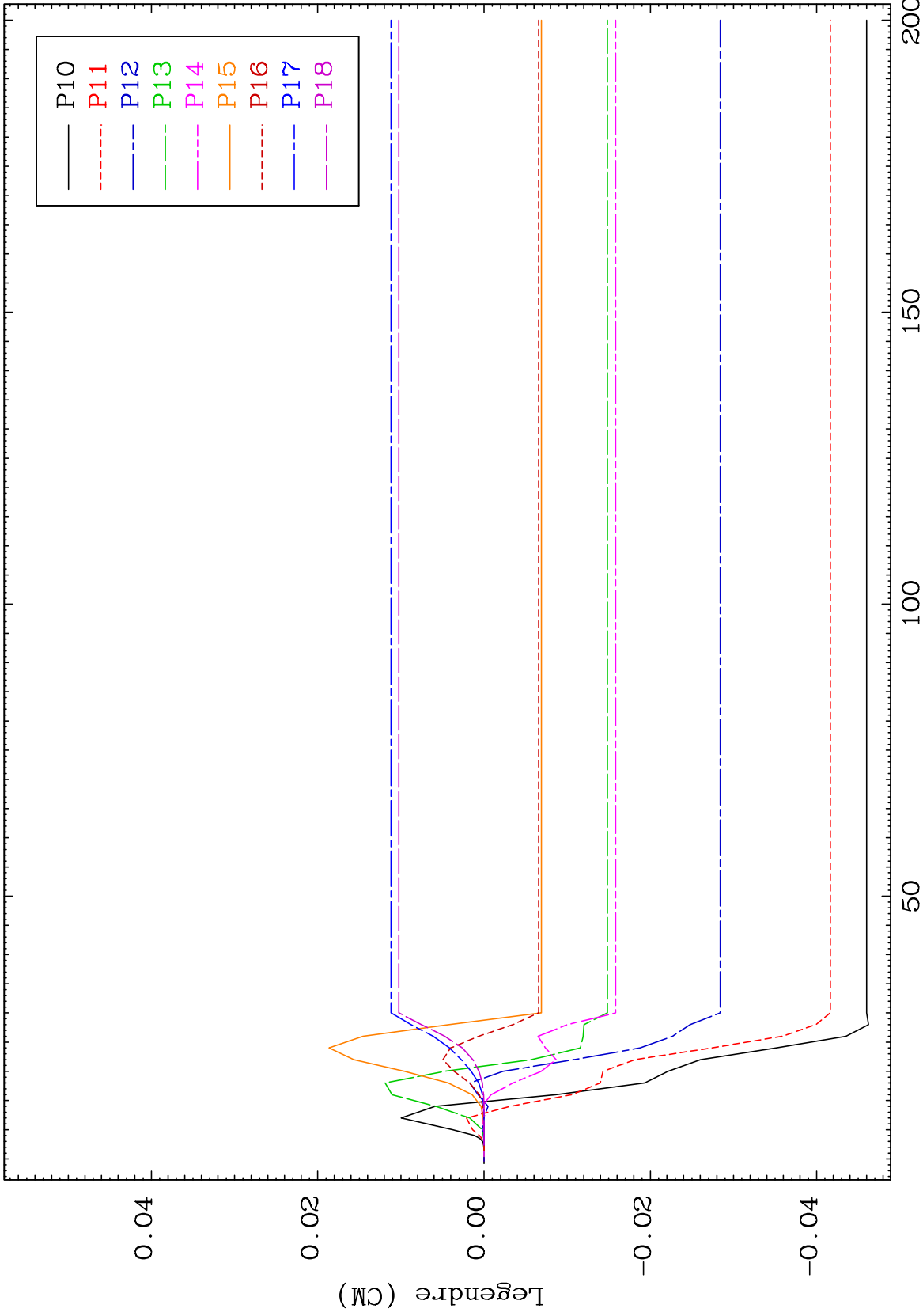
50-Sn-131



MAT 5082

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

50-Sn-131

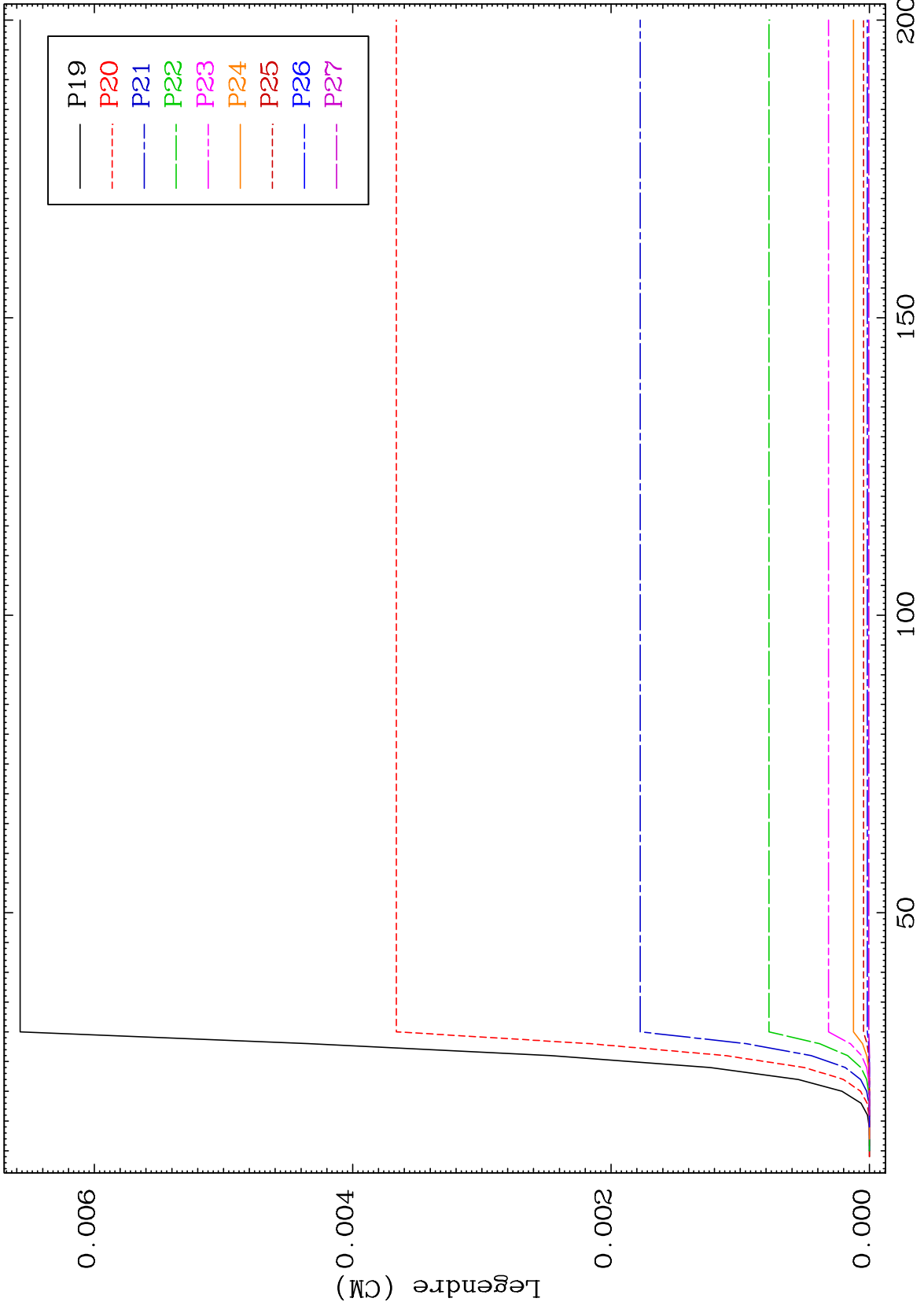


34

Incident Energy (MeV)

50-Sn-131

MAT 5082 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-131

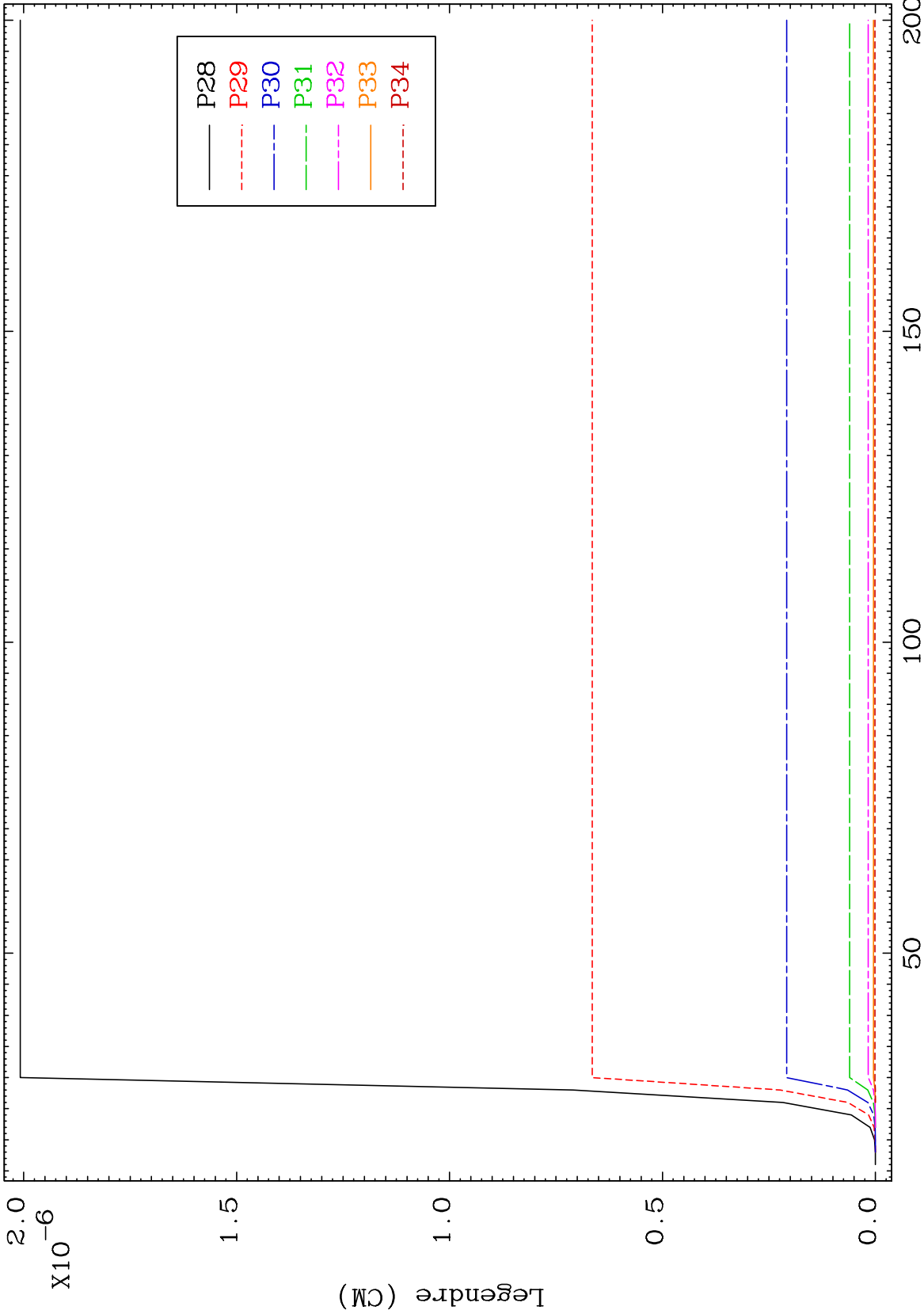


Legendre (CM) Incident Energy (MeV) 50-Sn-131

MAT 5082

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

50-Sn-131



36

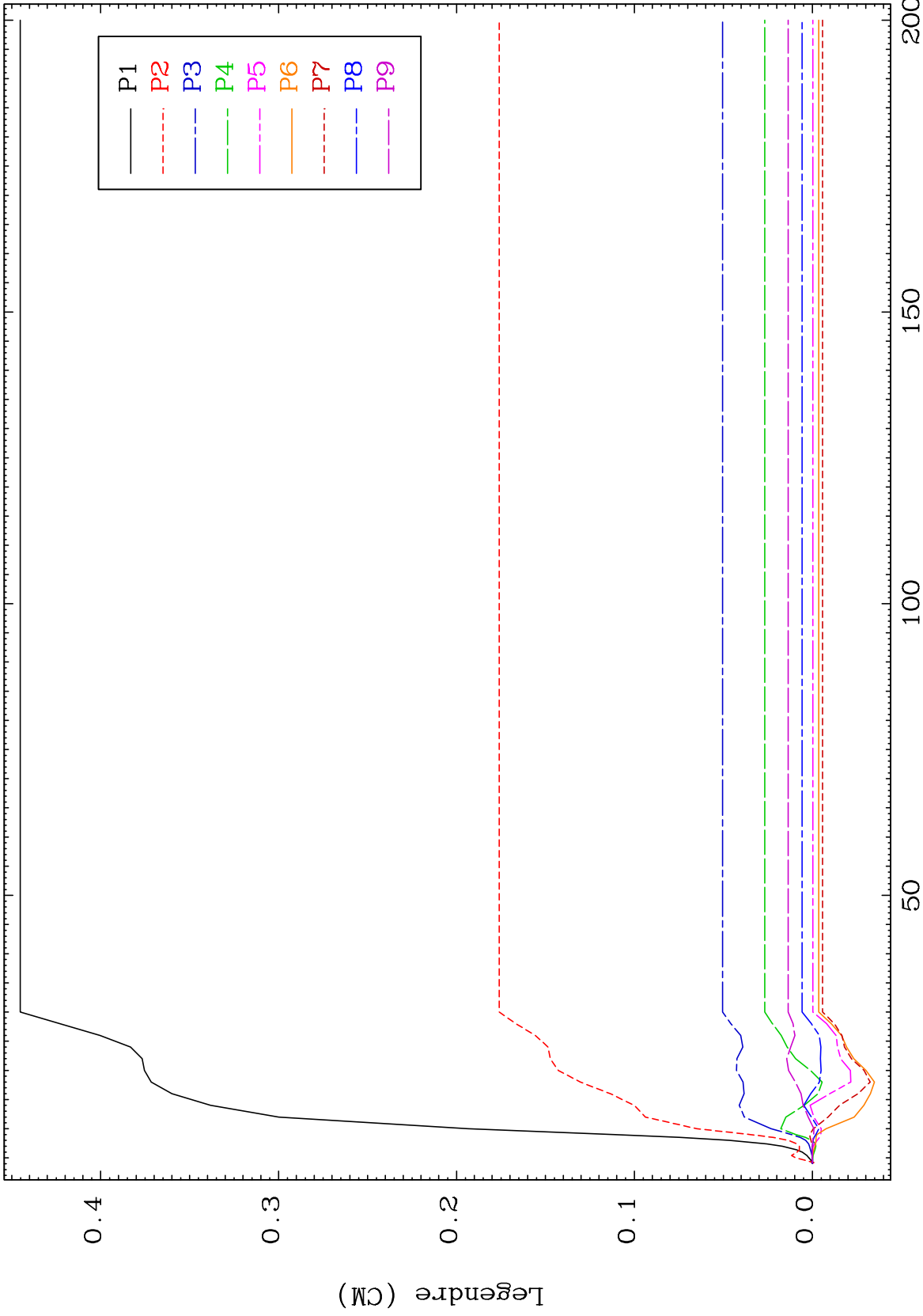
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



37

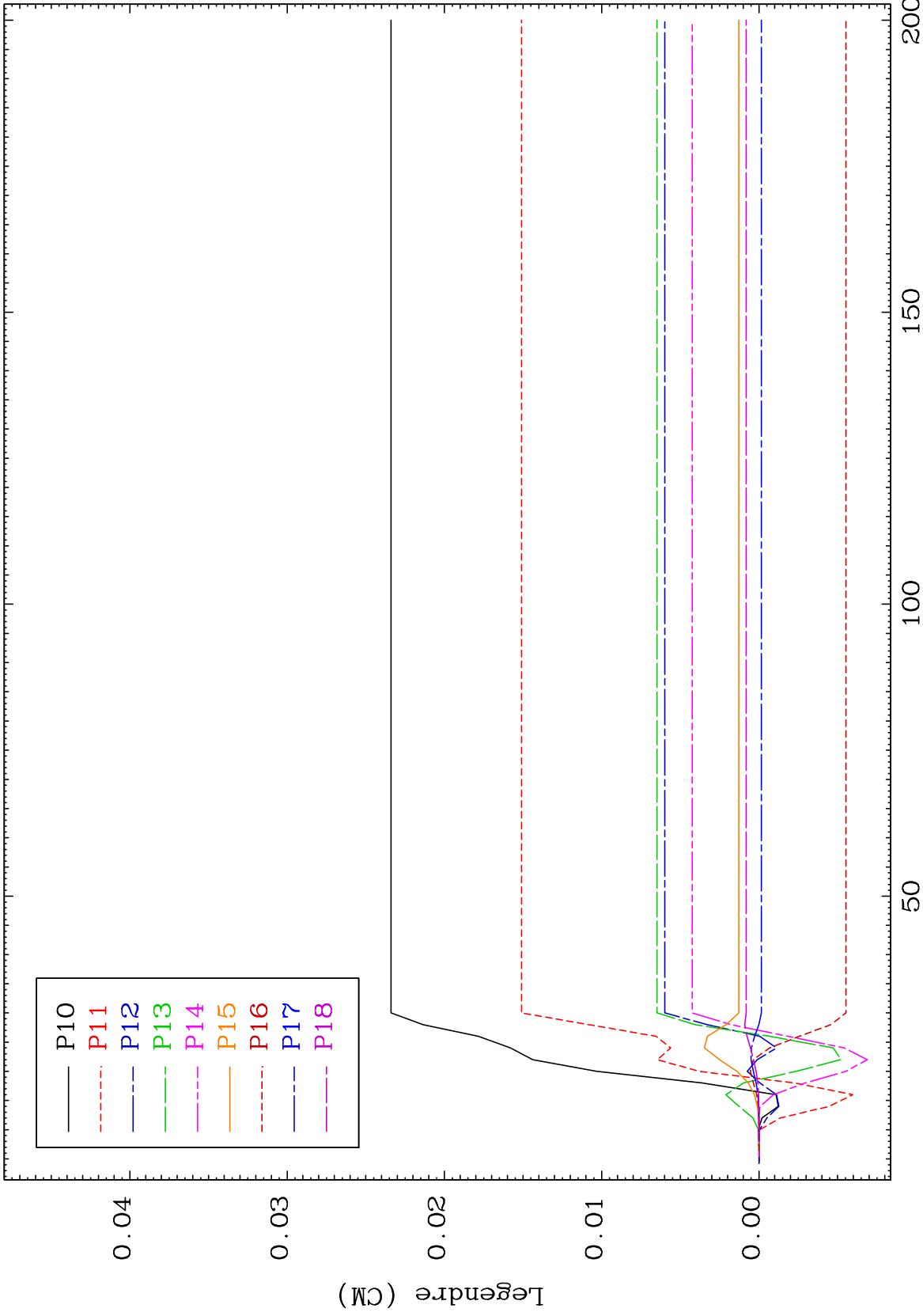
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



38

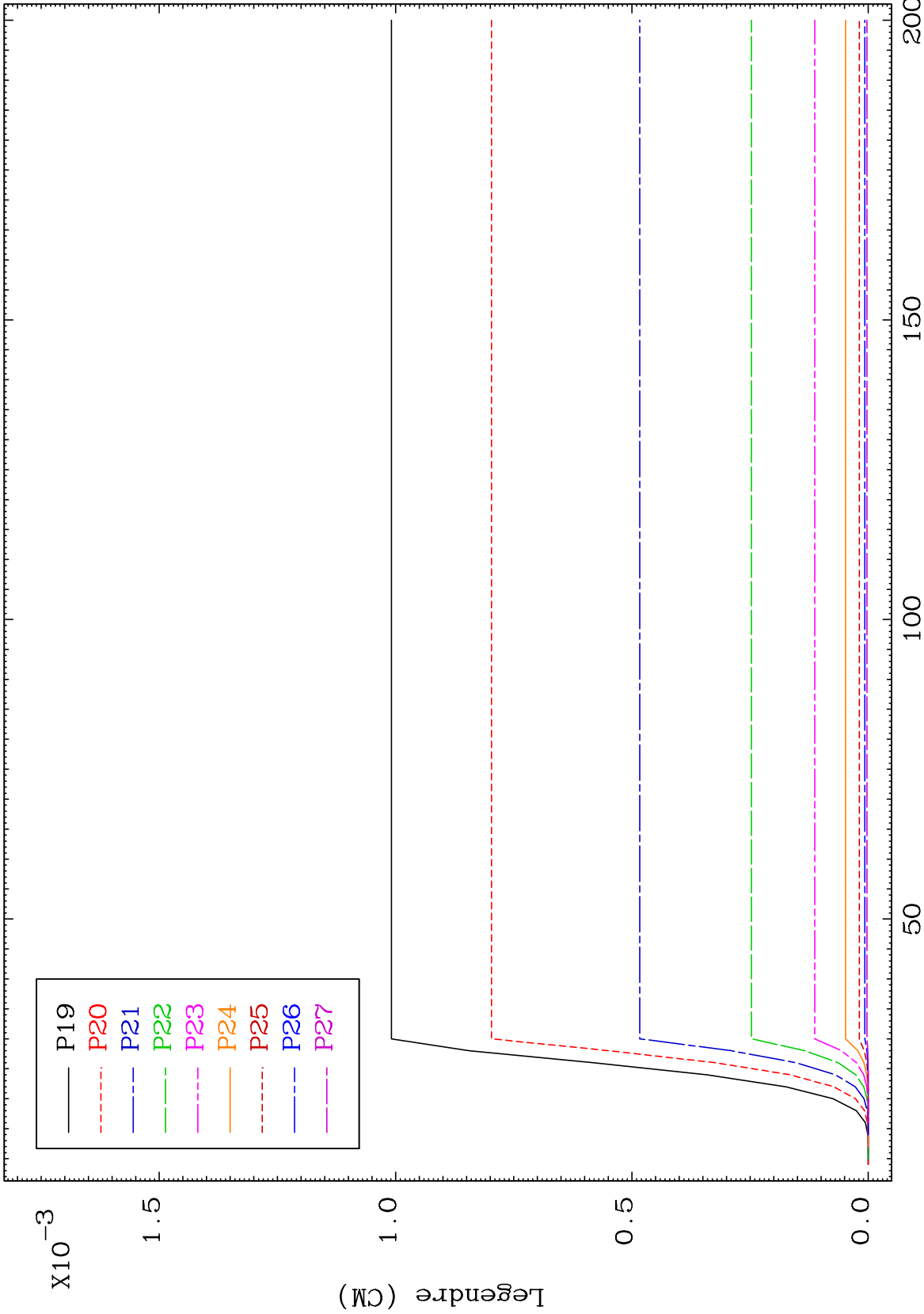
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



39

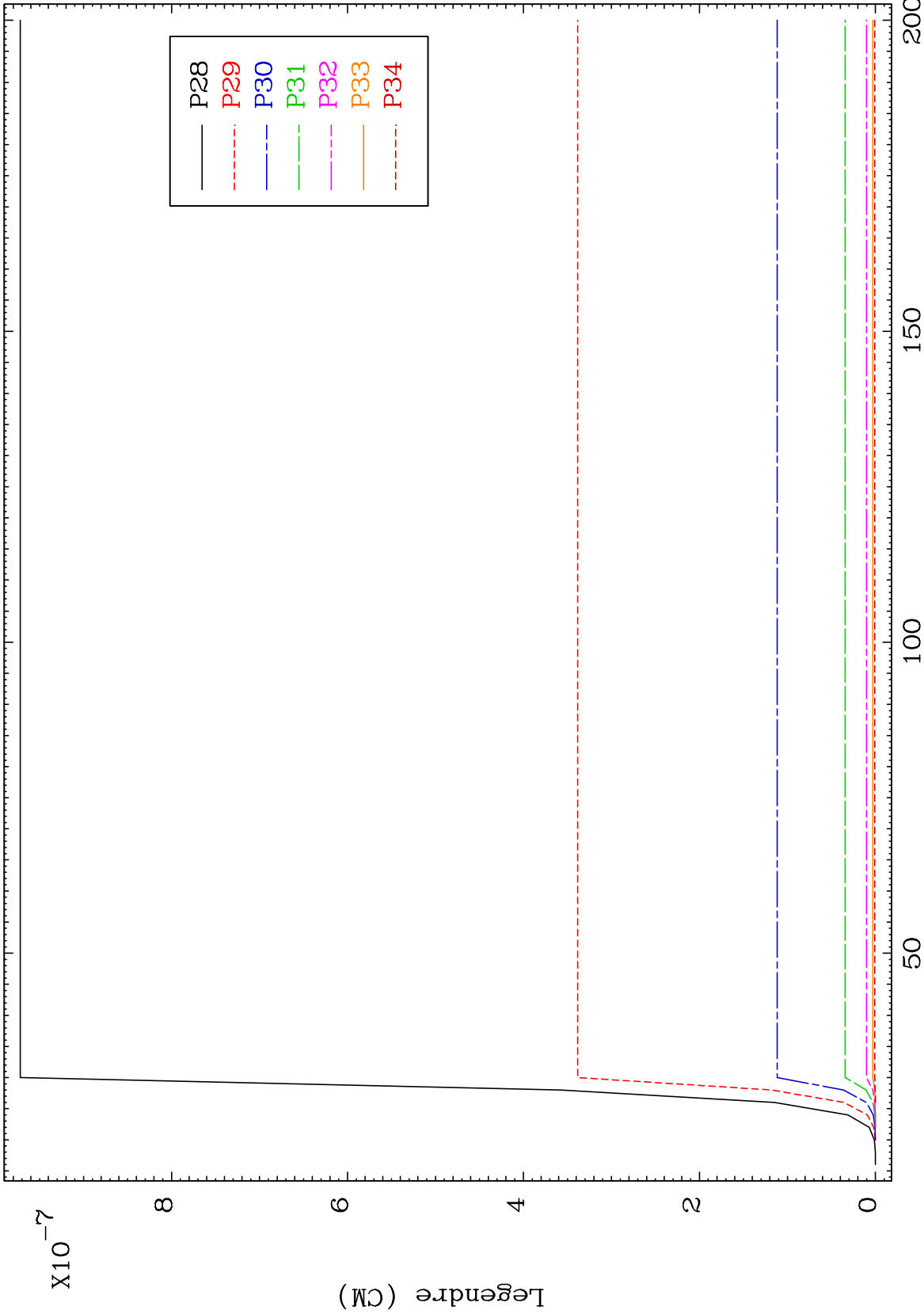
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



40

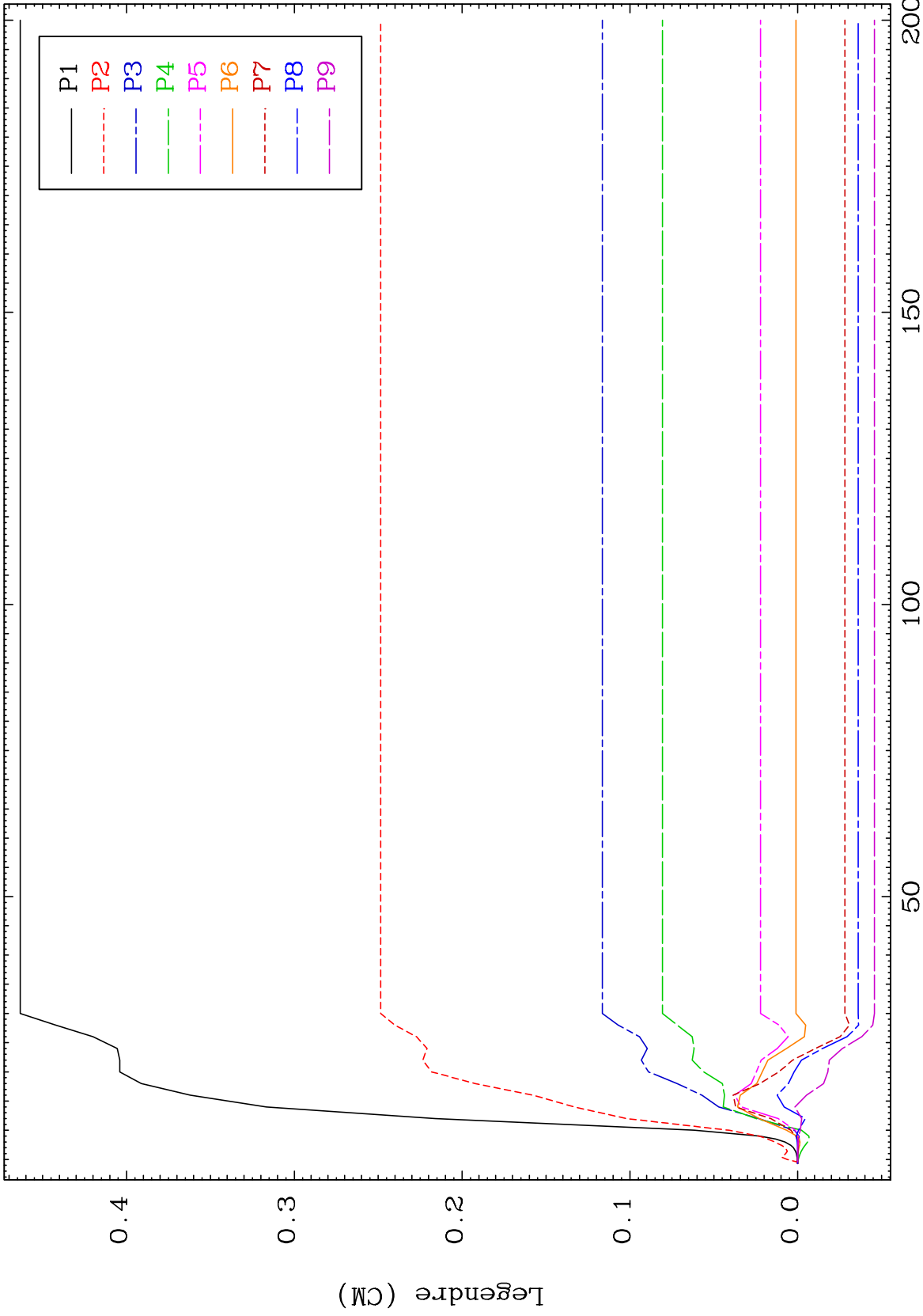
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



41

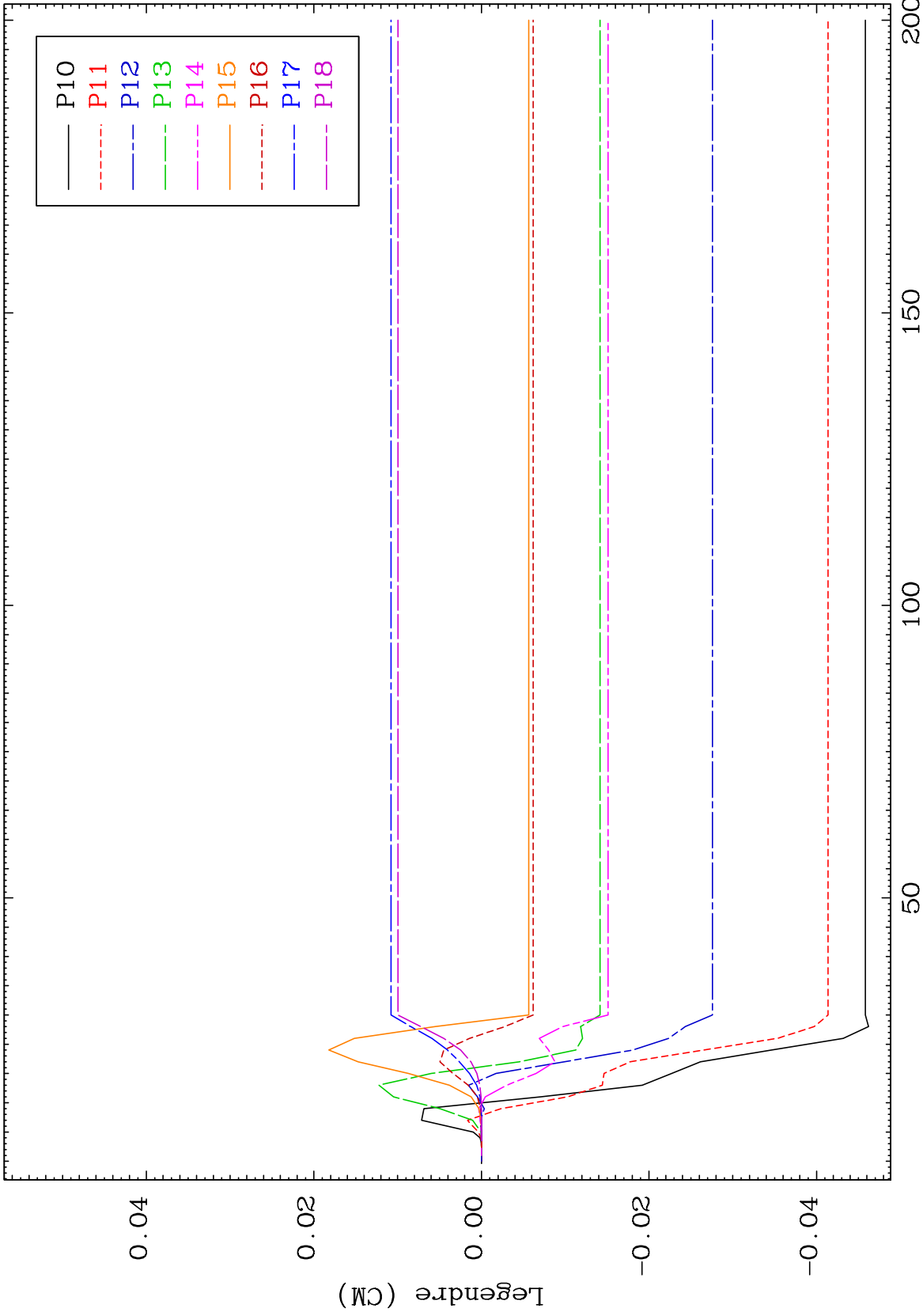
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



42

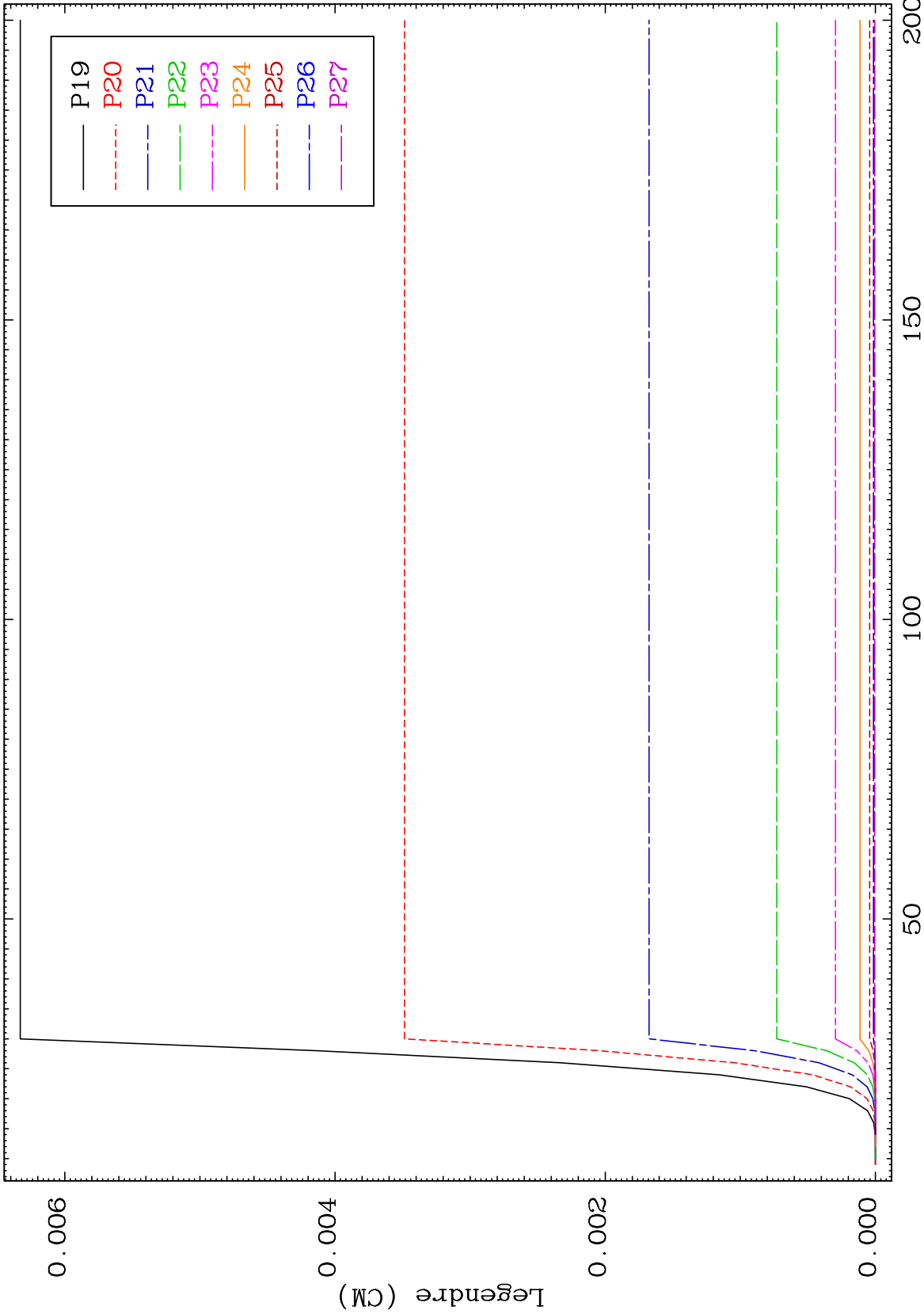
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



43

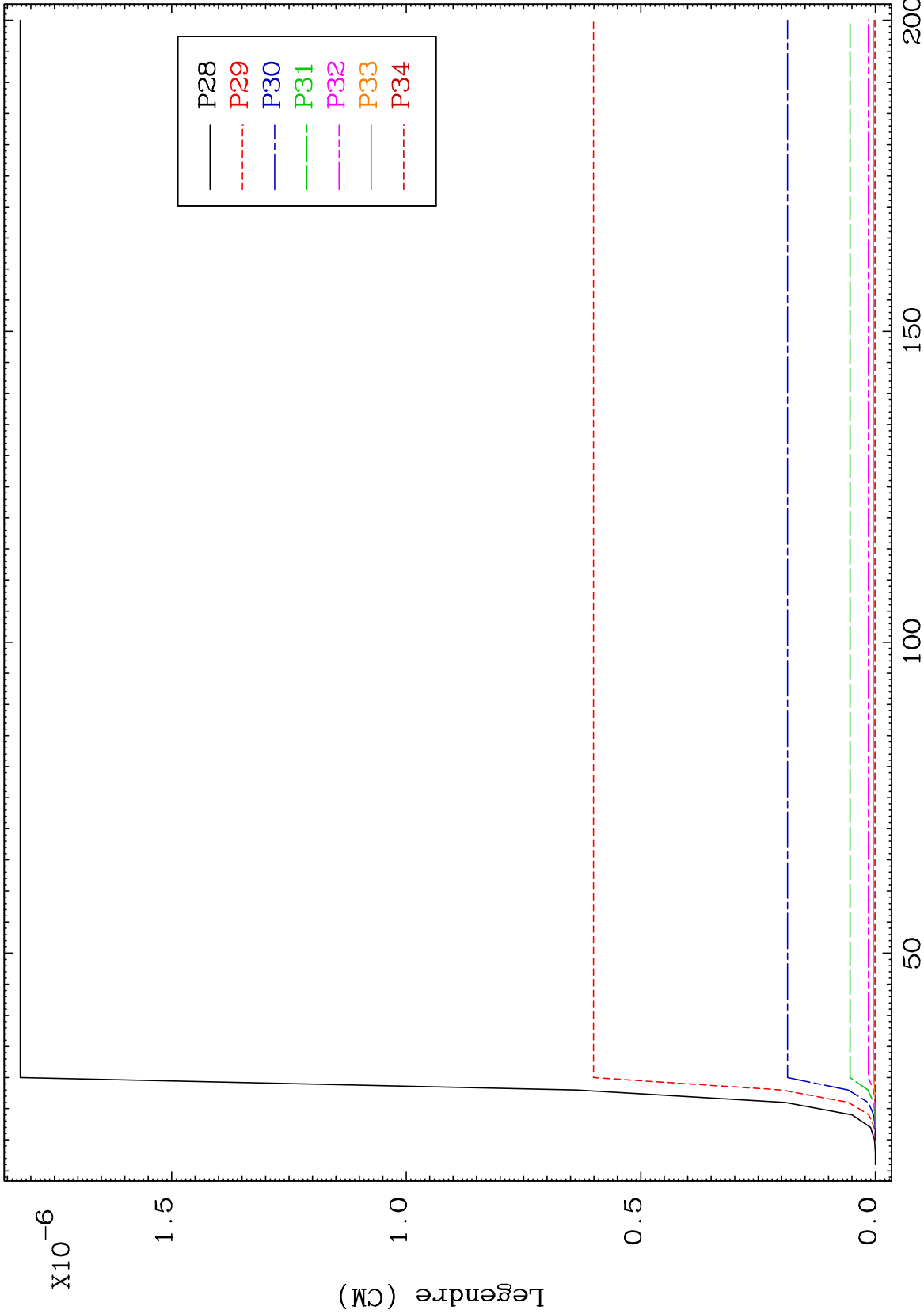
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



44

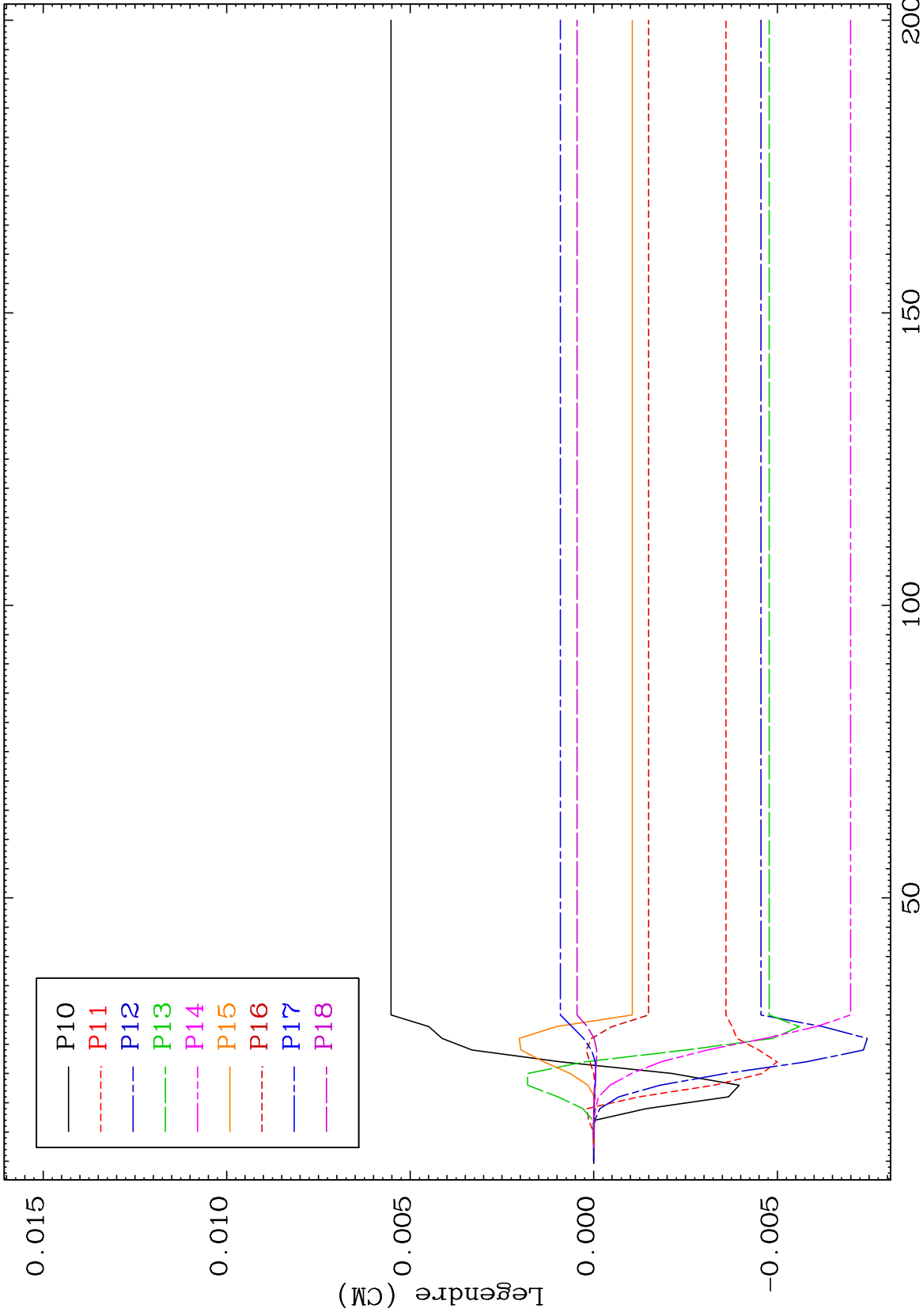
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

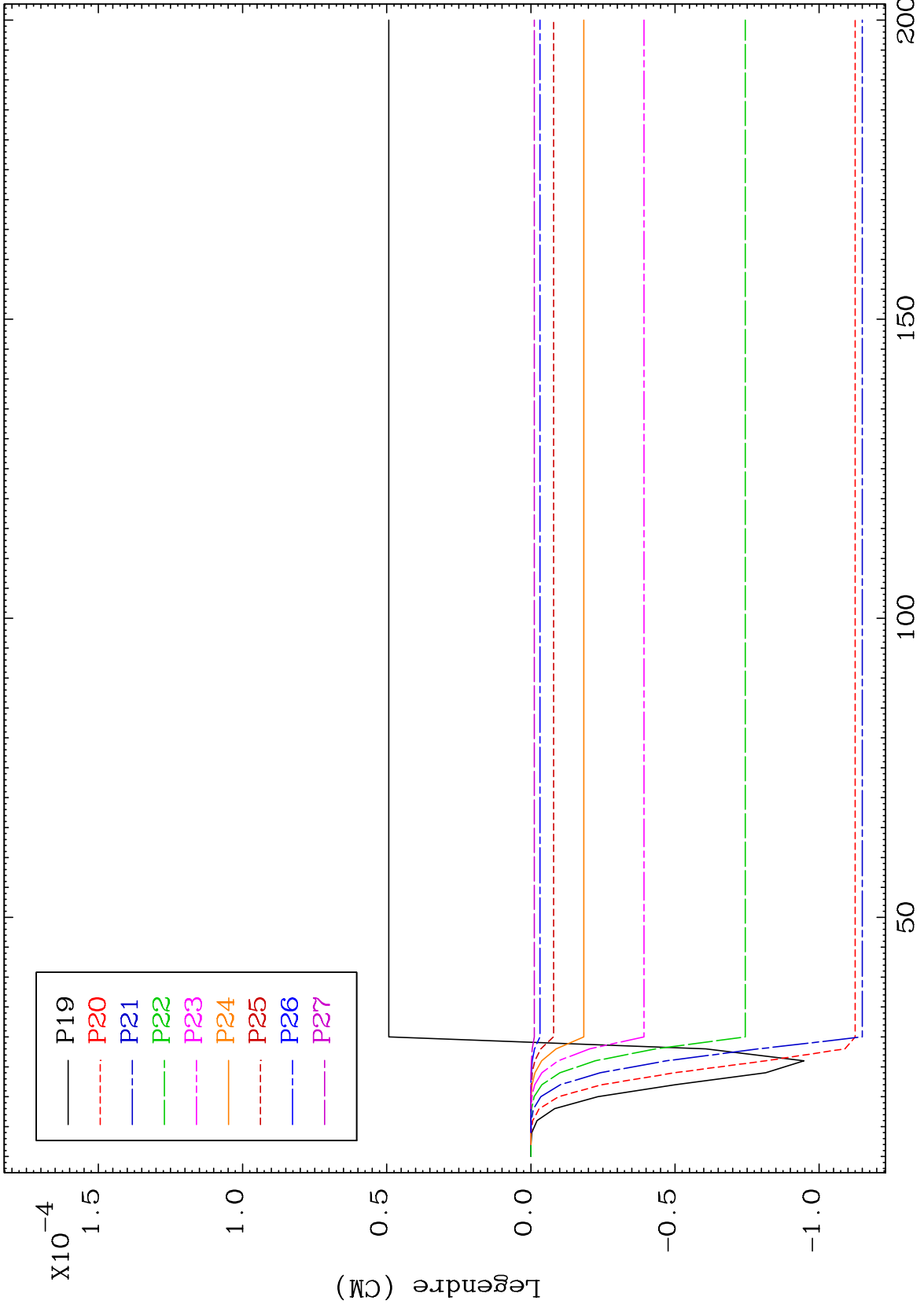
50-Sn-131

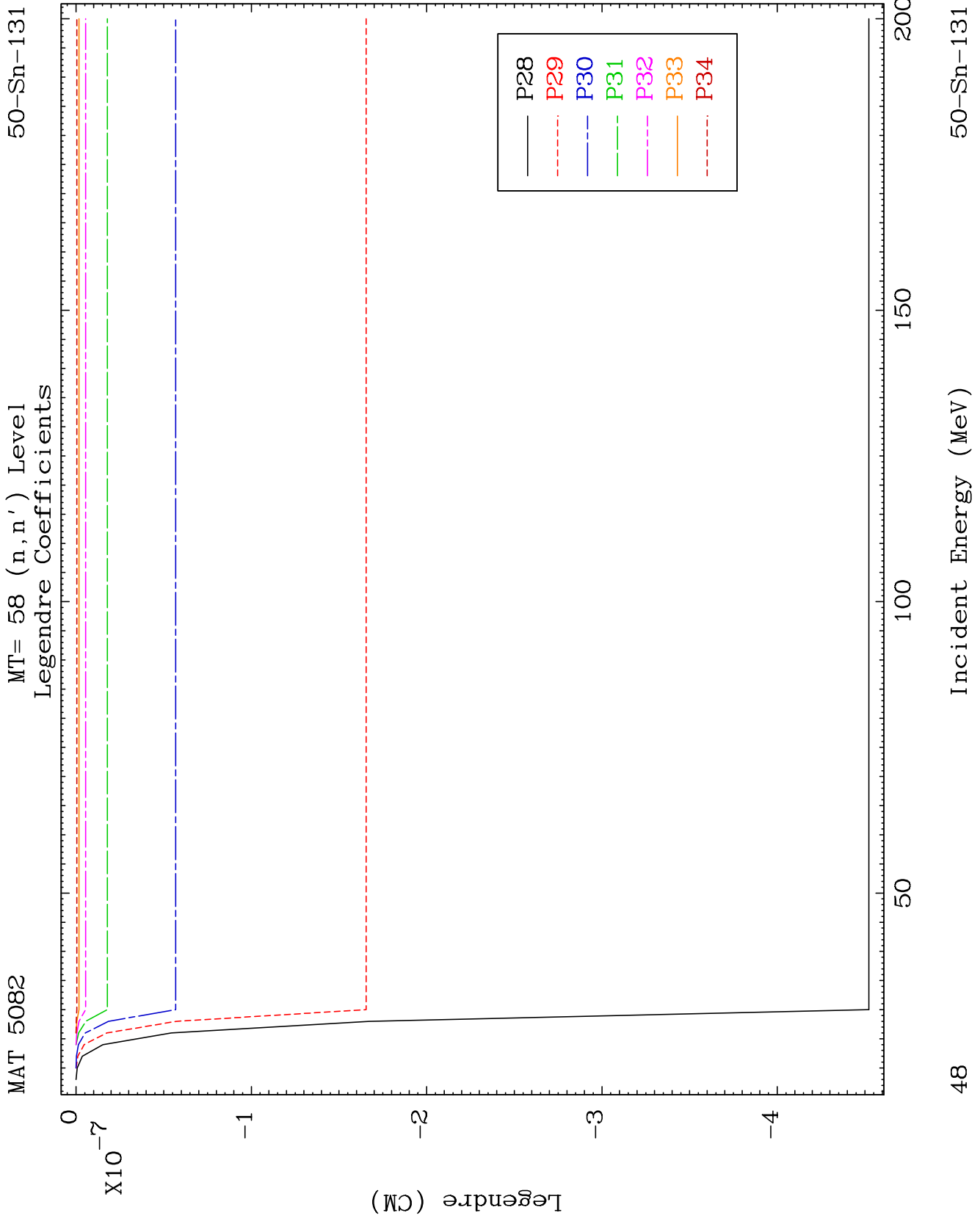


MAT 5082

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

50-Sn-131

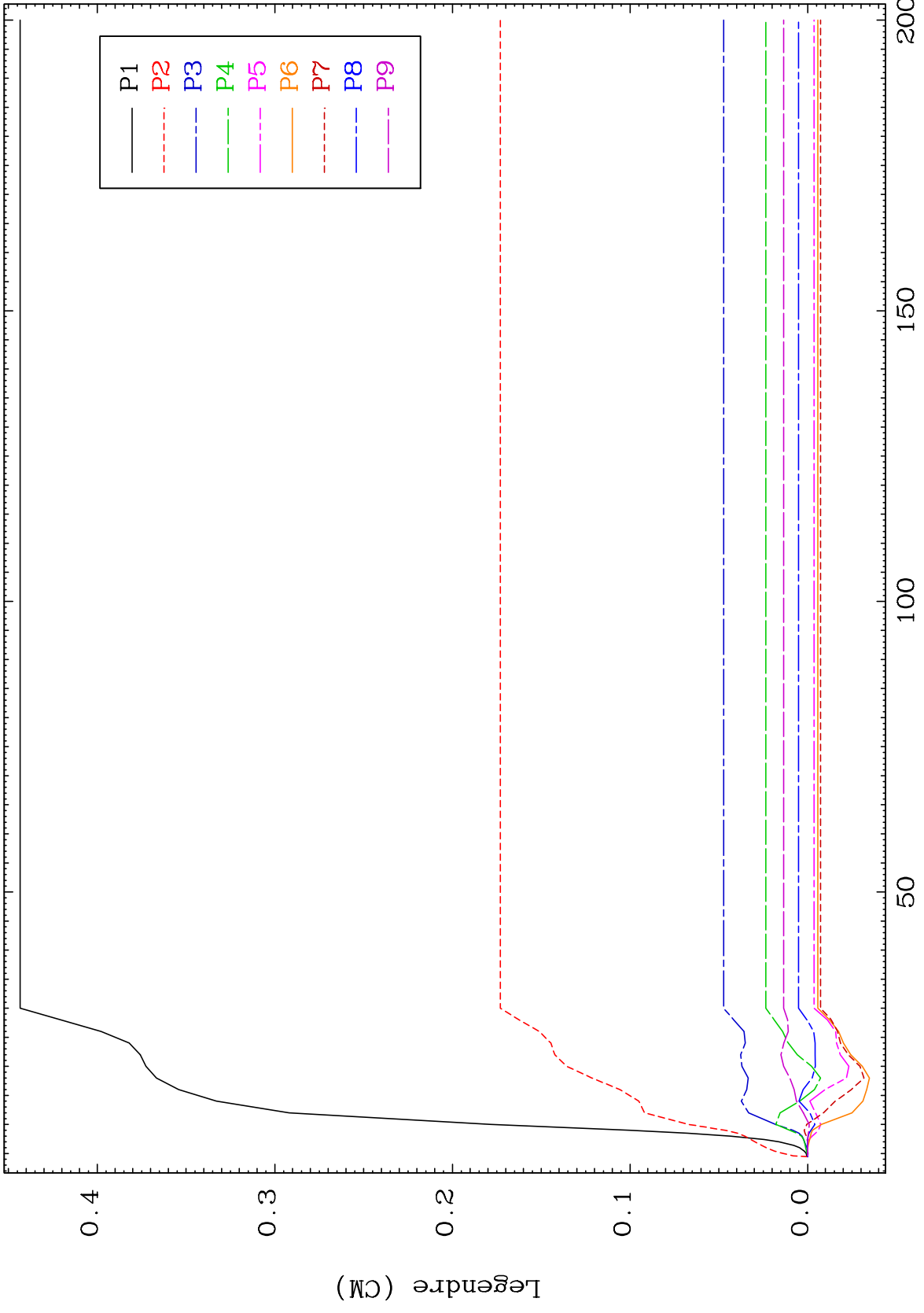




MAT 5082

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

50-Sn-131



49

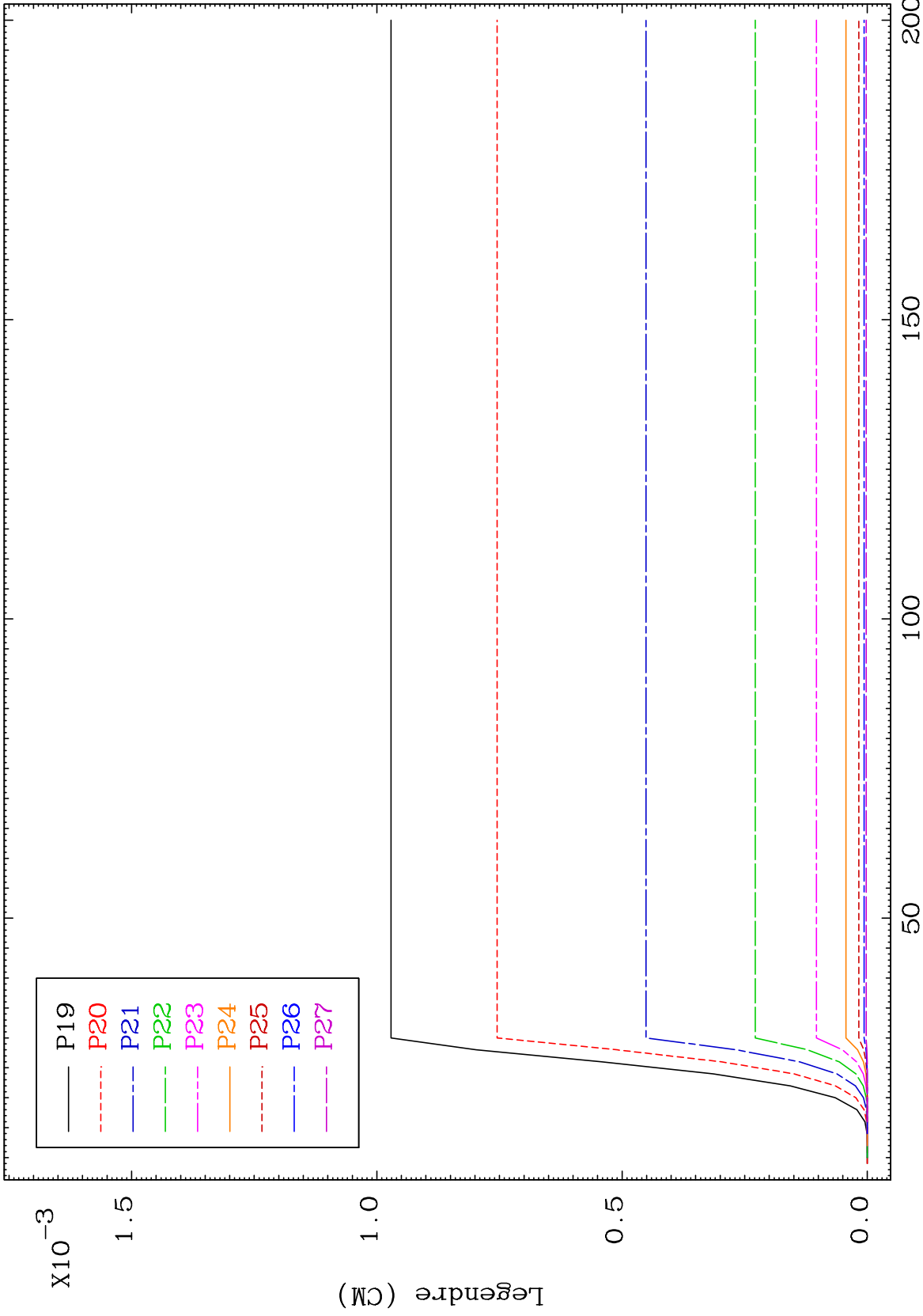
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



51

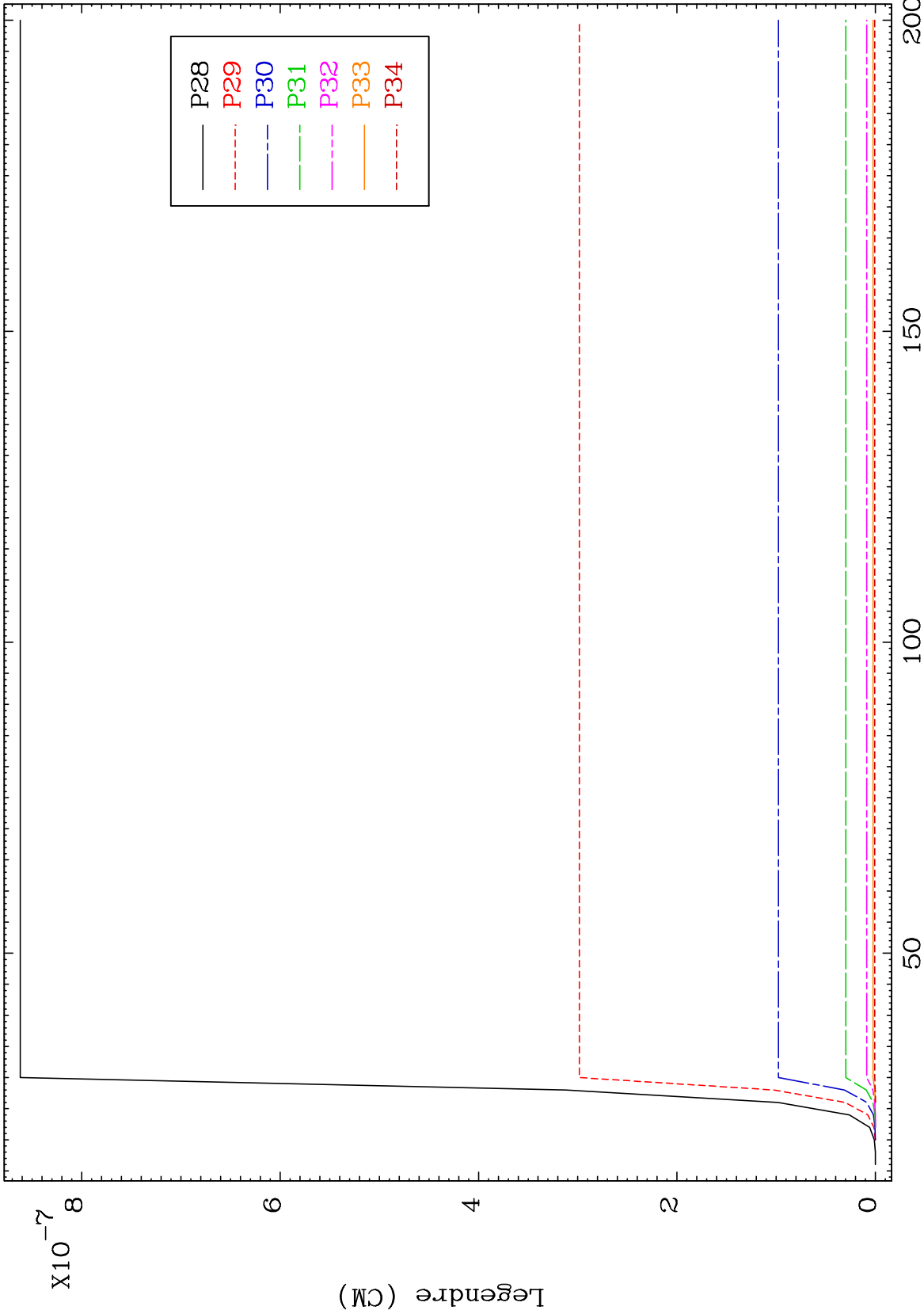
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131

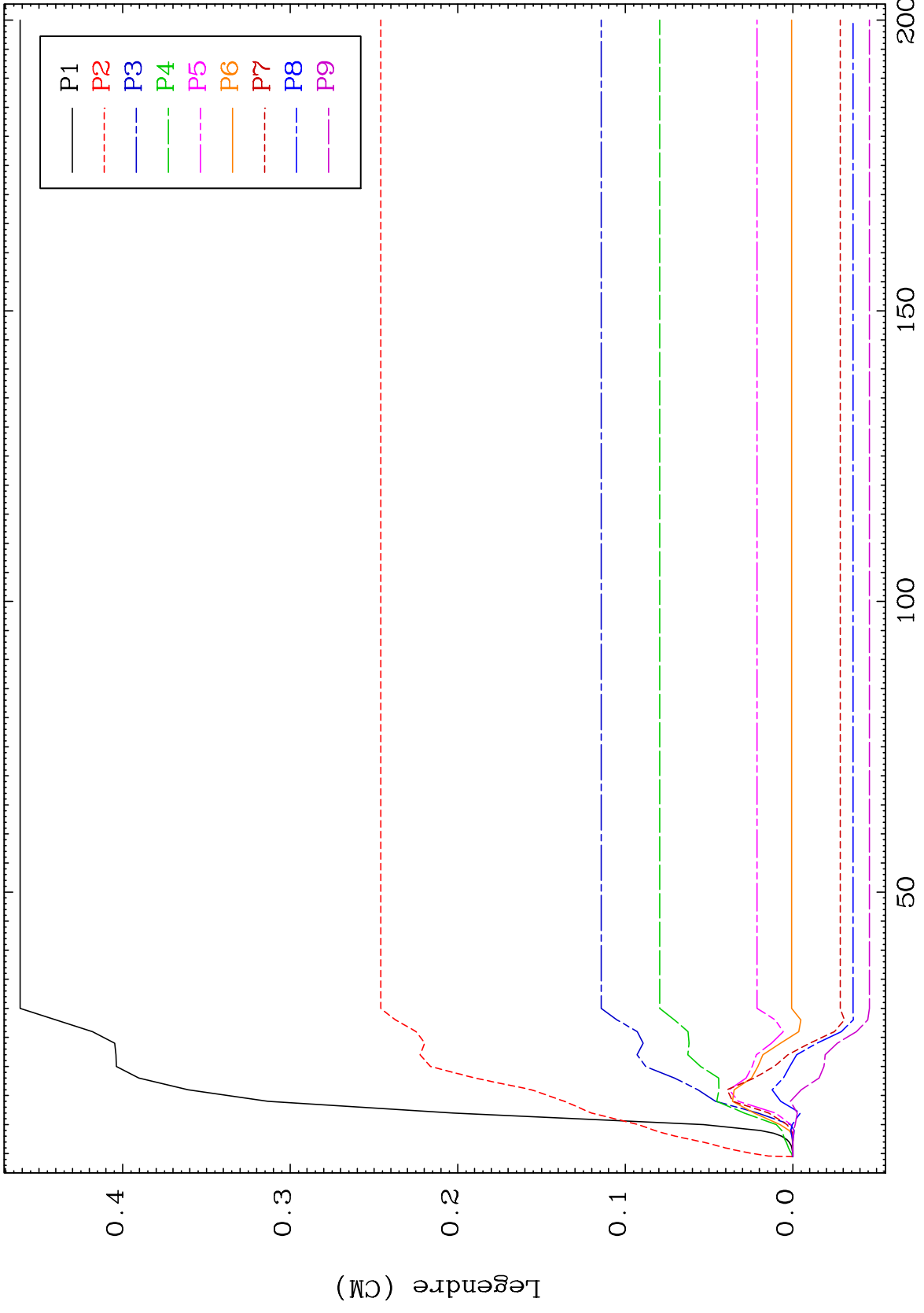


52

Incident Energy (MeV)

50-Sn-131

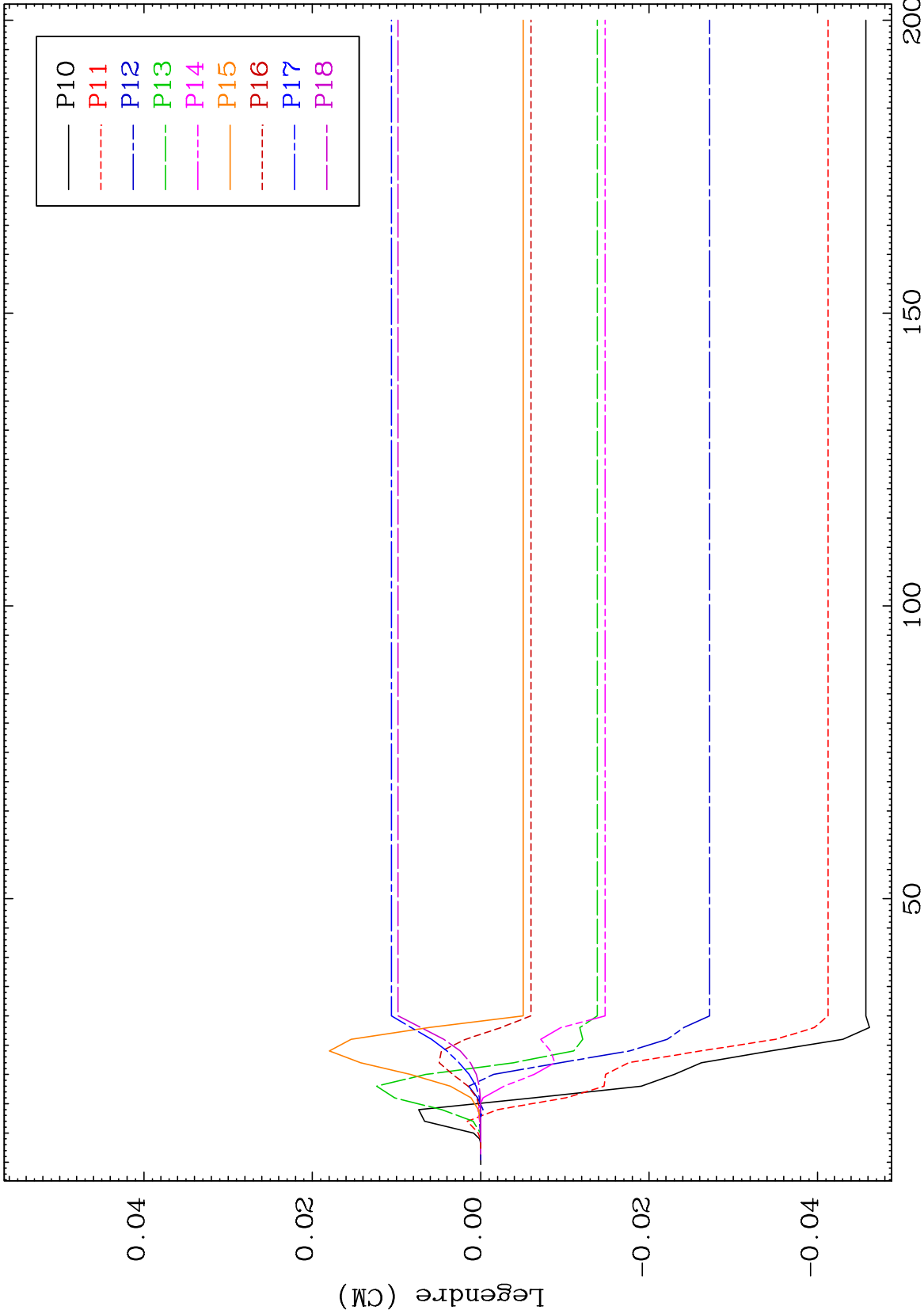
MAT 5082 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-131



MAT 5082

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

50-Sn-131

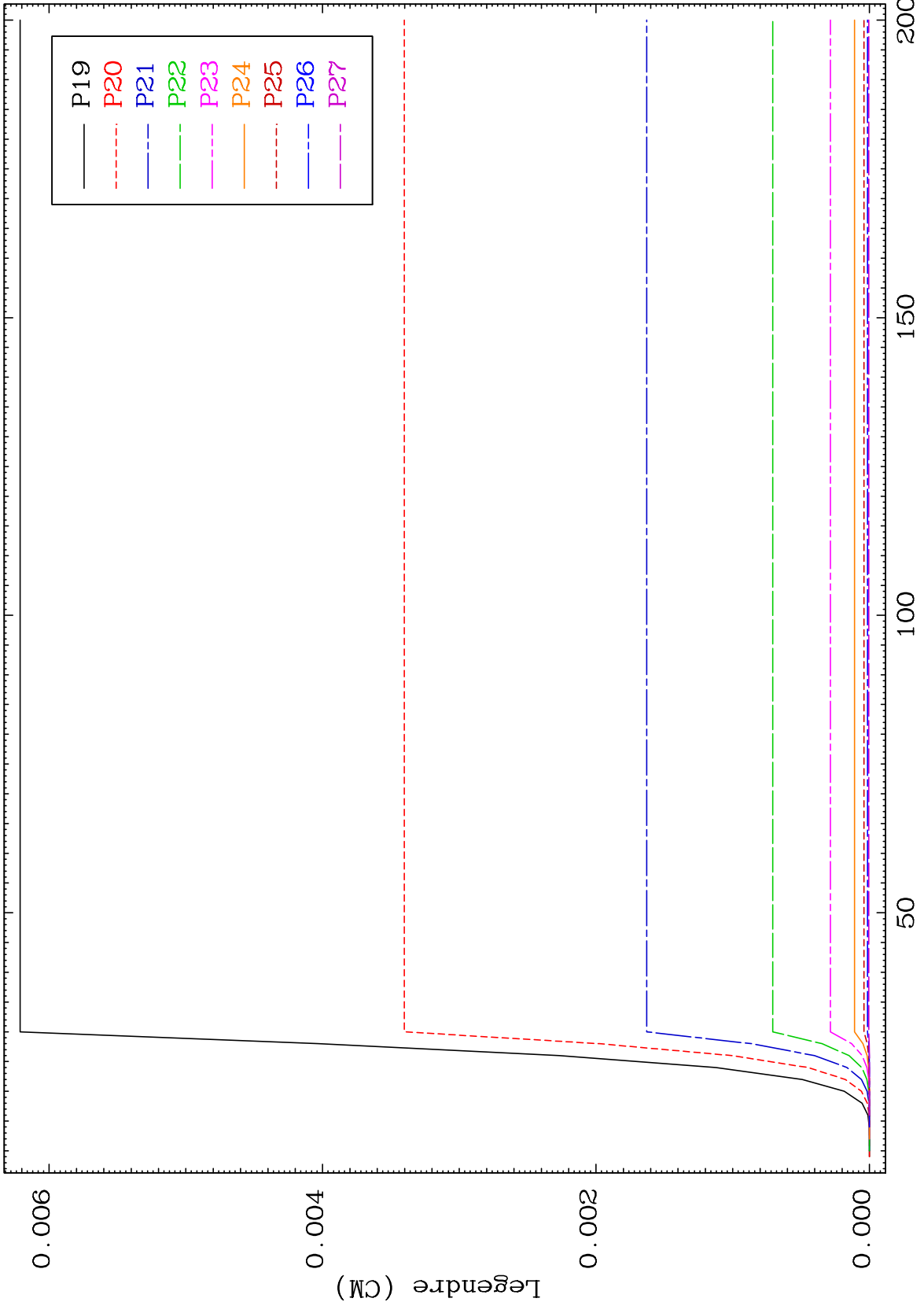


54

Incident Energy (MeV)

50-Sn-131

MAT 5082 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-131

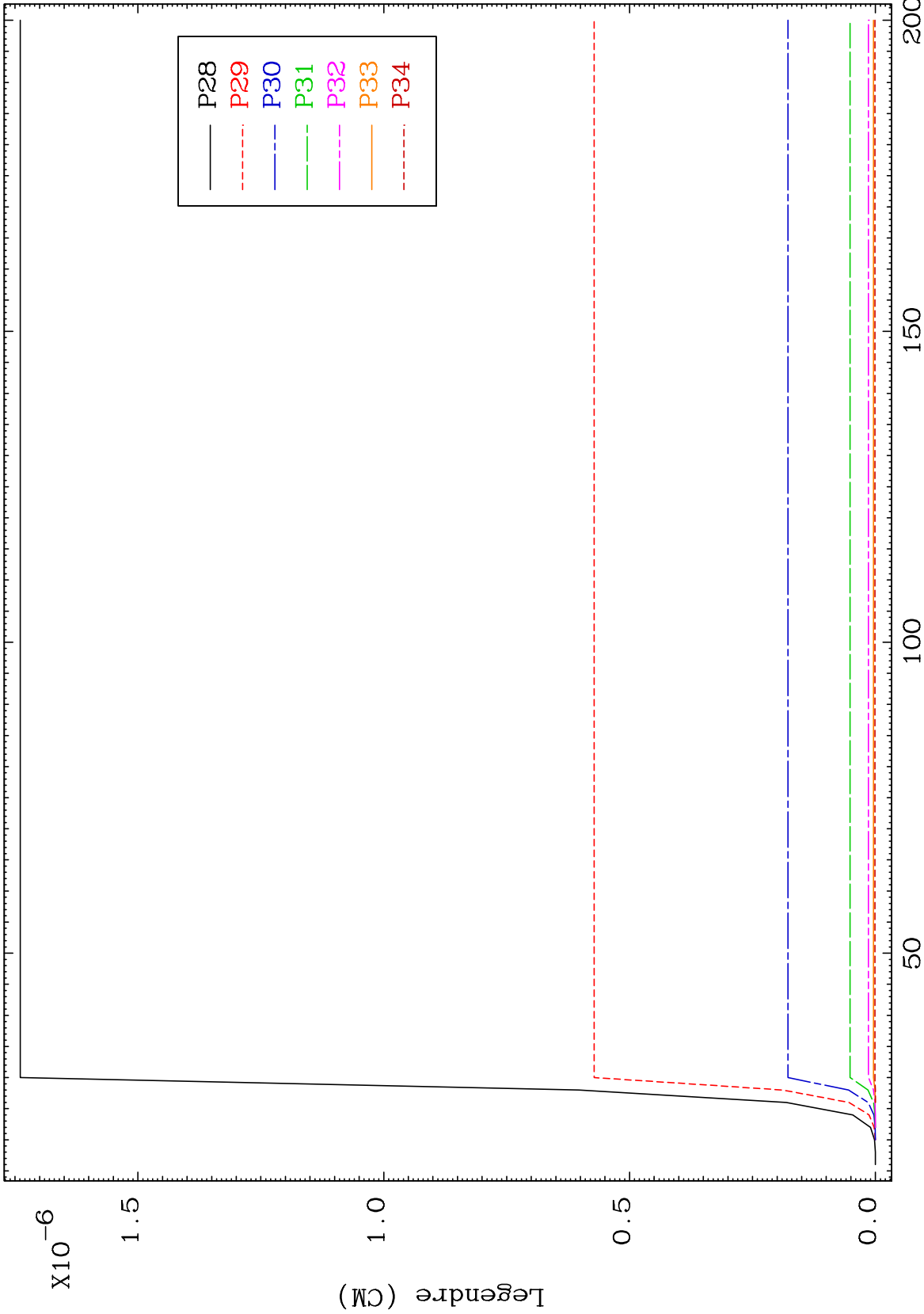


55 Incident Energy (MeV) 200 50-Sn-131

MAT 5082

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

50-Sn-131



56

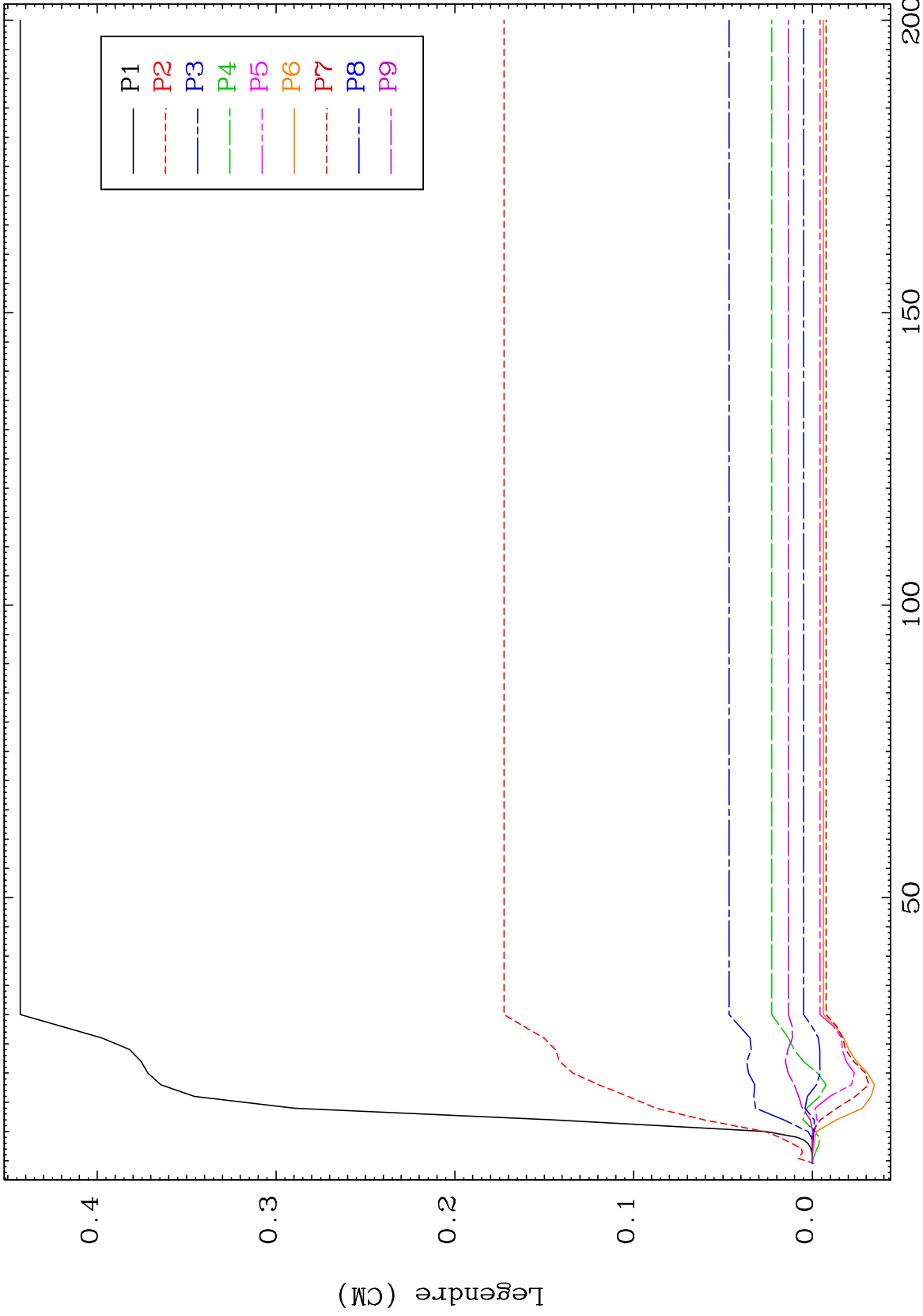
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



57

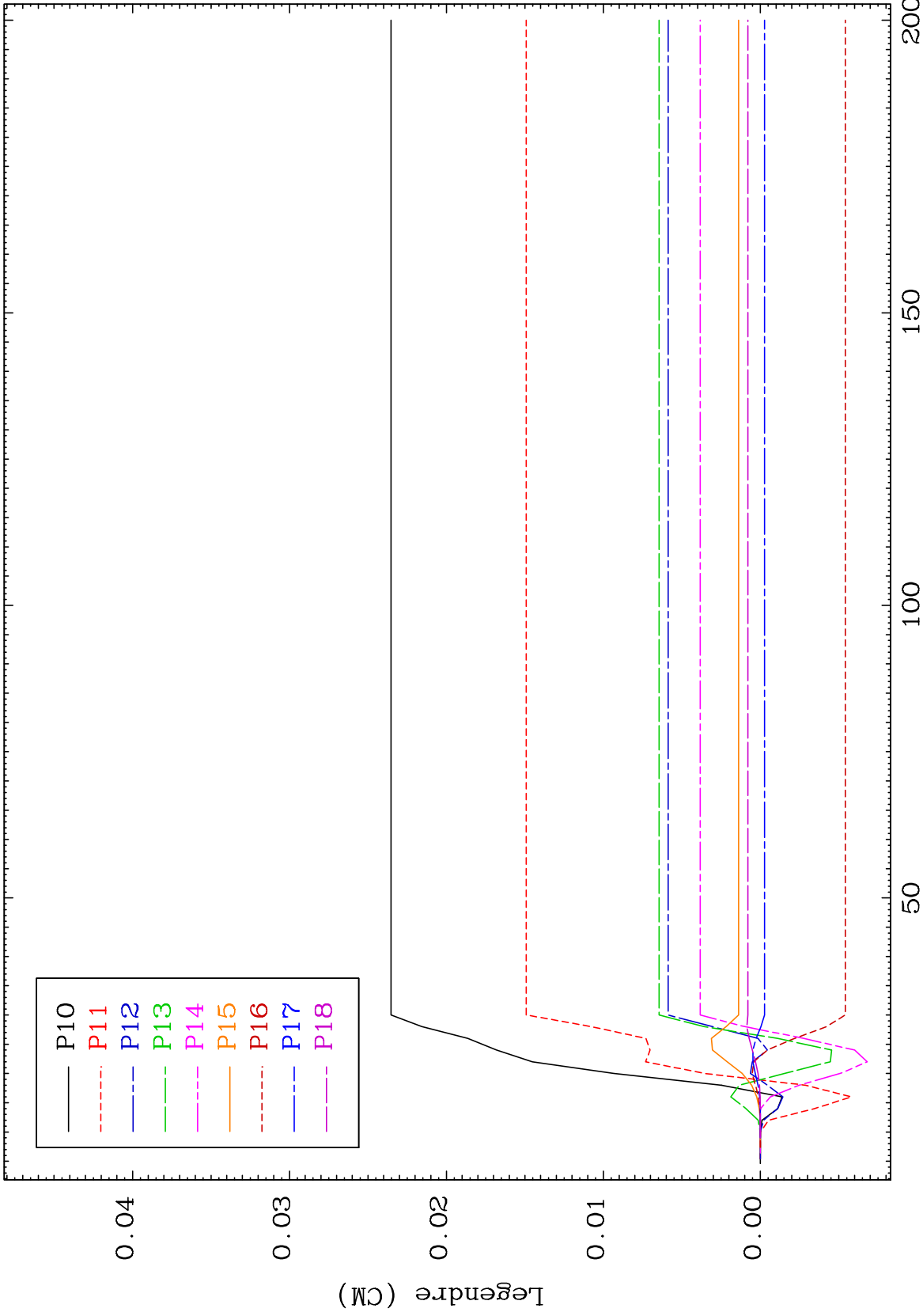
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



58

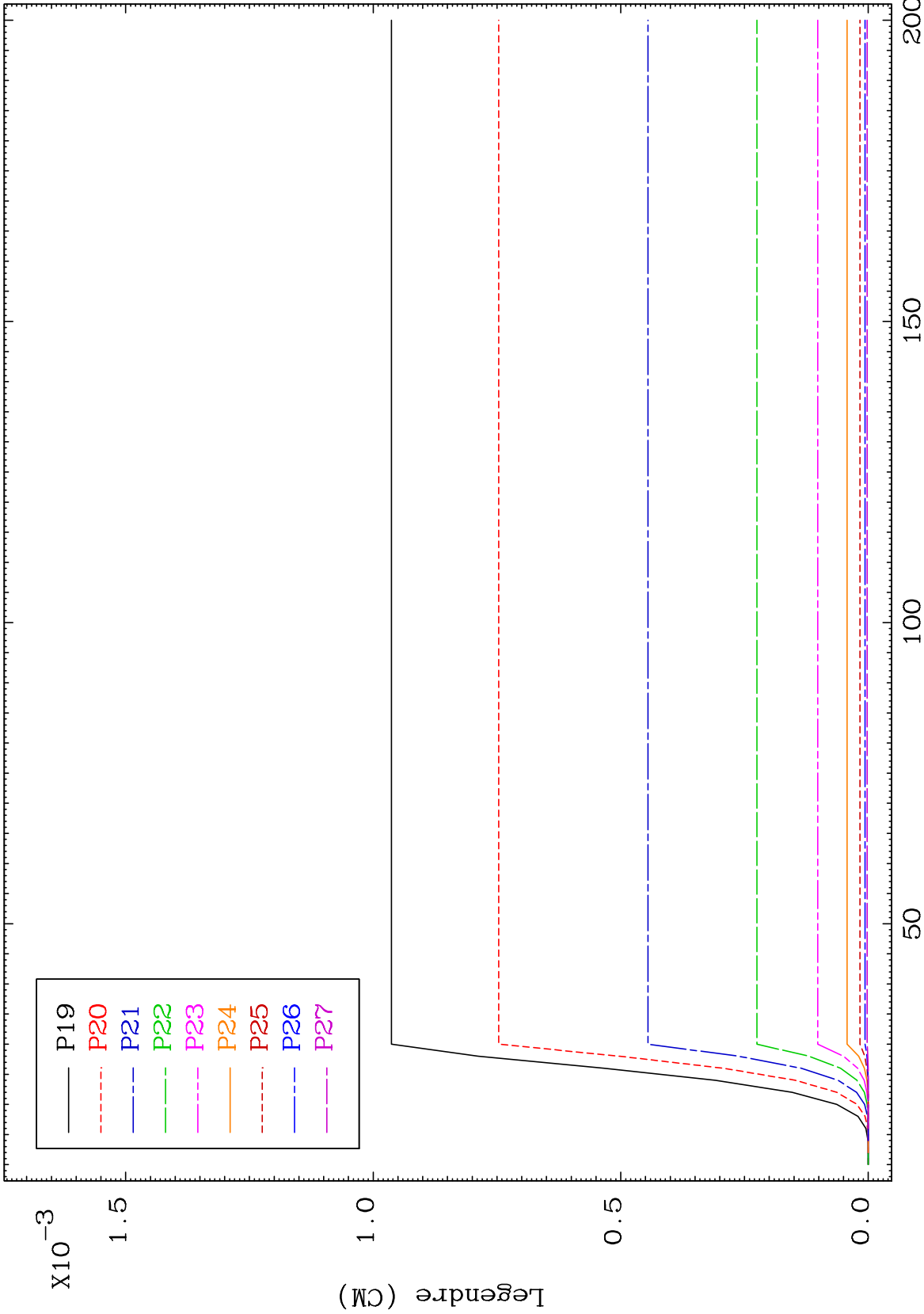
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



59

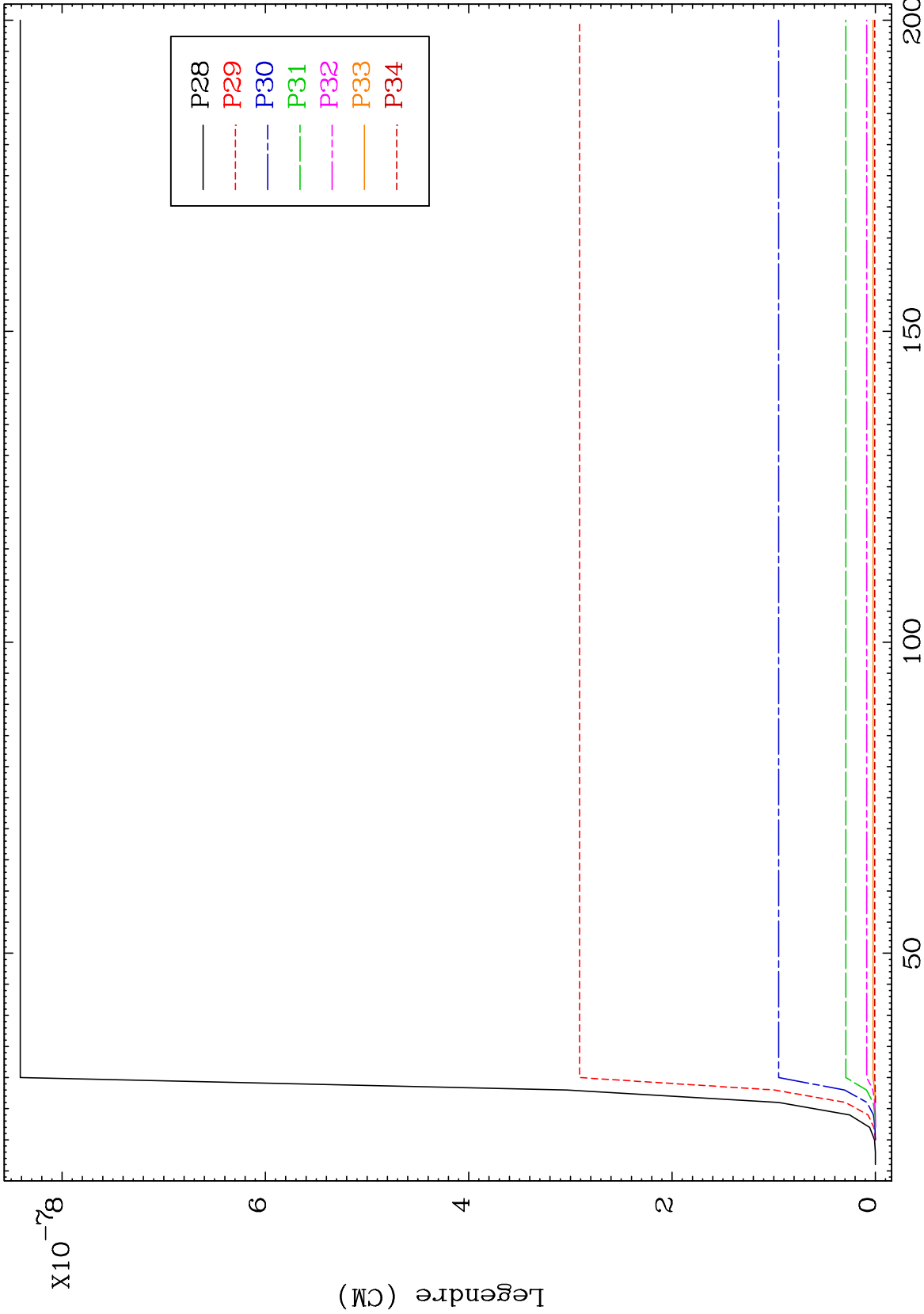
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131

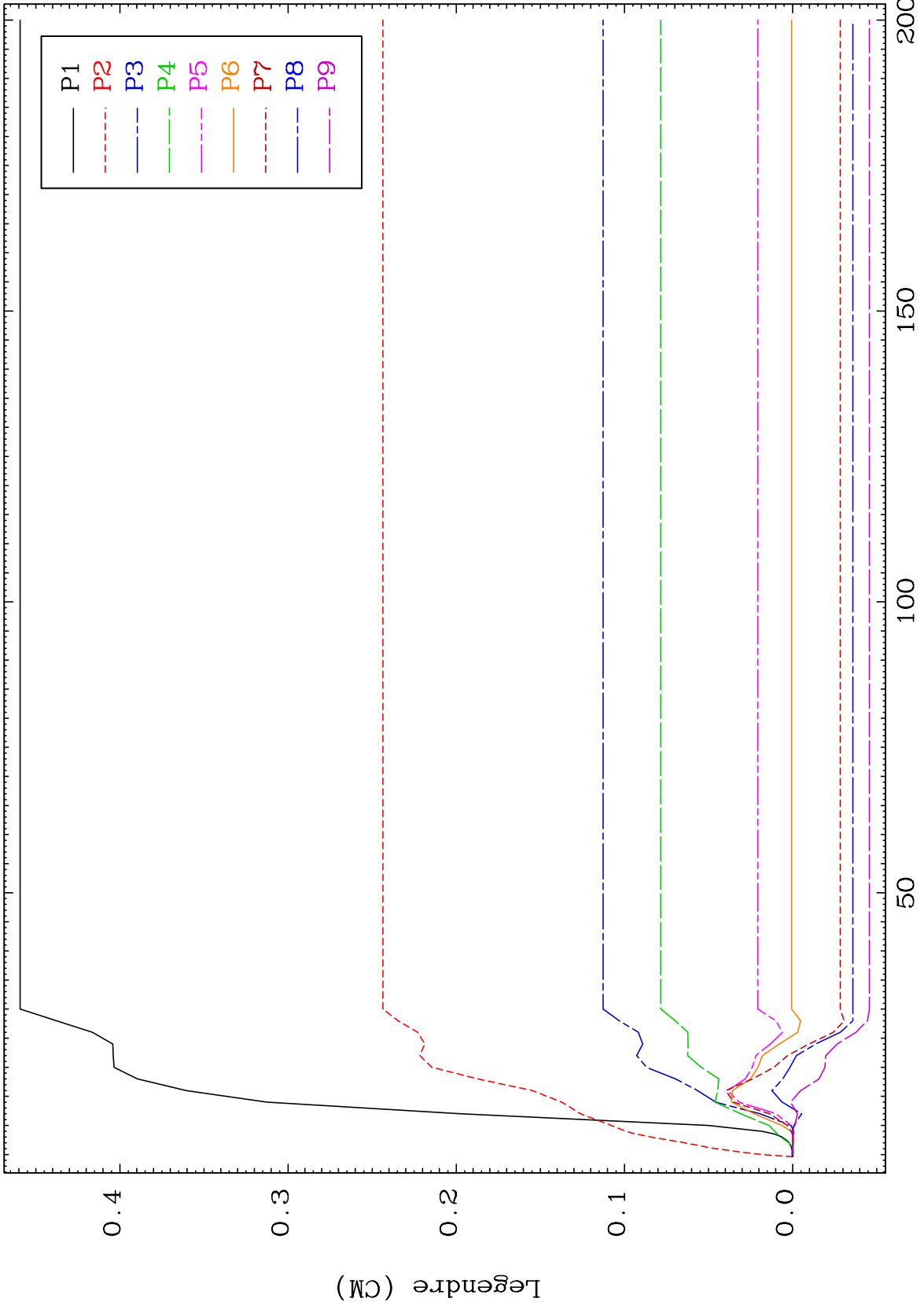


60

Incident Energy (MeV)

50-Sn-131

MAT 5082 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-131

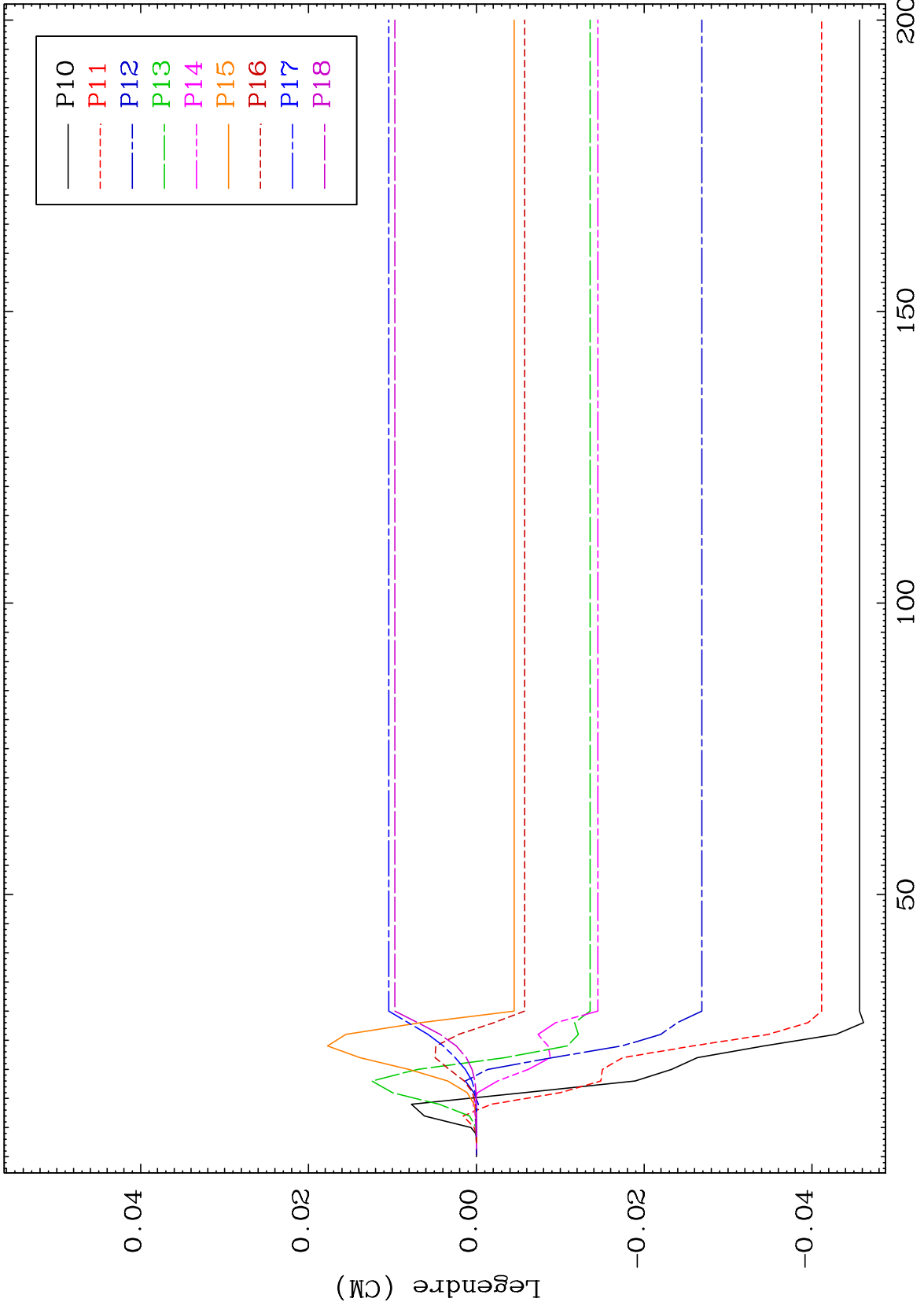


61 Incident Energy (MeV) 50-Sn-131

MAT 5082

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

50-Sn-131

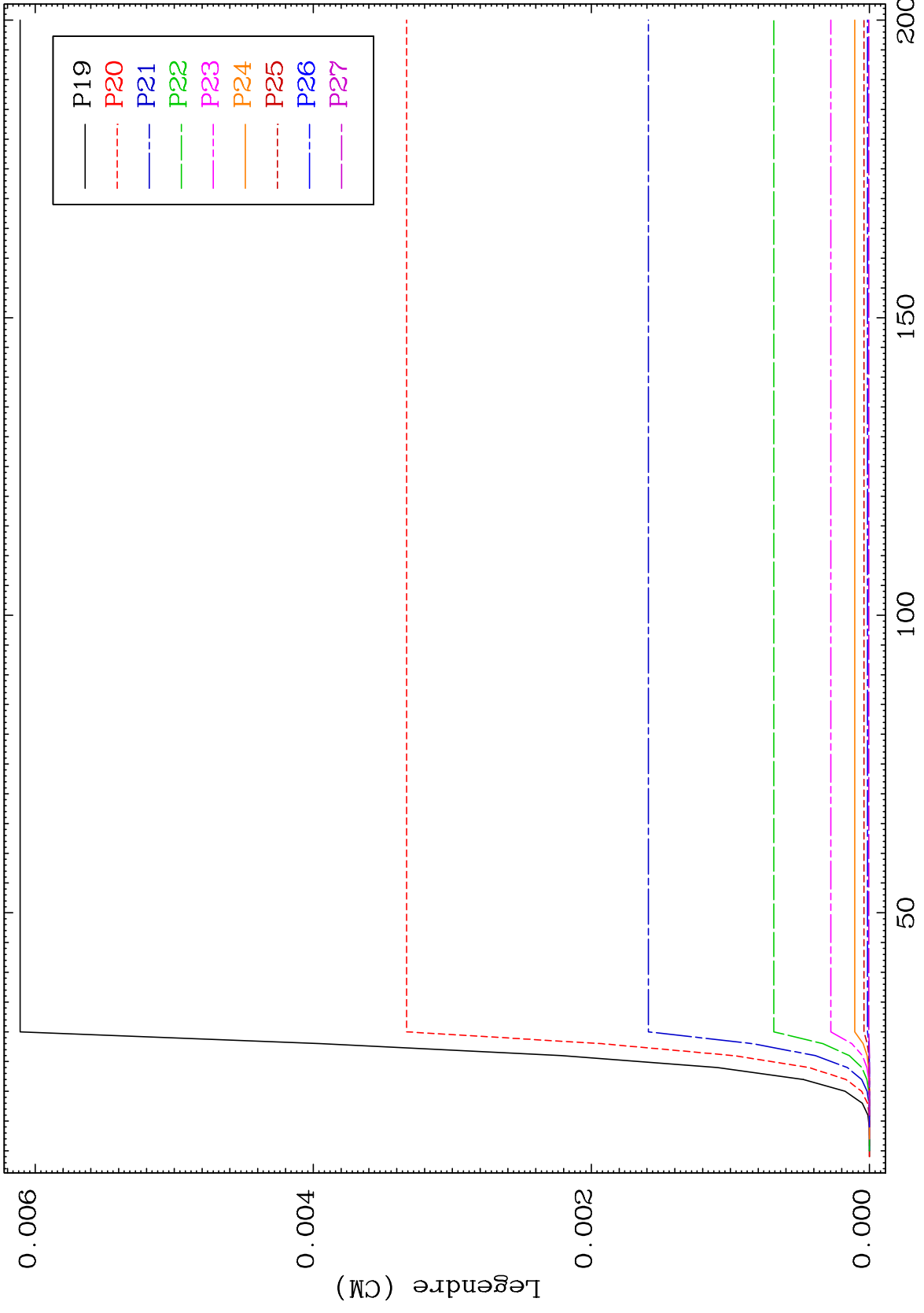


62

Incident Energy (MeV)

50-Sn-131

MAT 5082 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-131

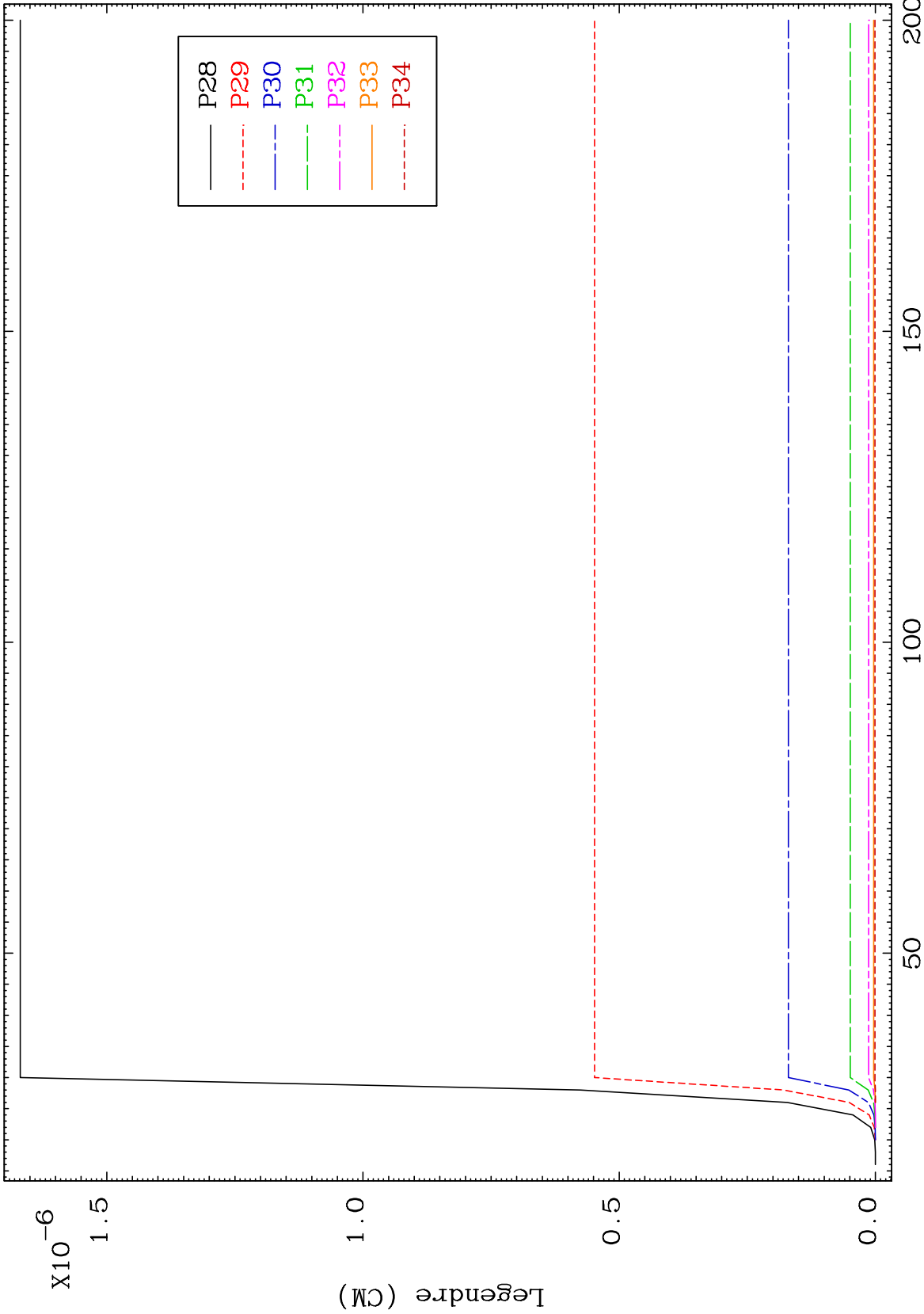


63 50-Sn-131

MAT 5082

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

50-Sn-131

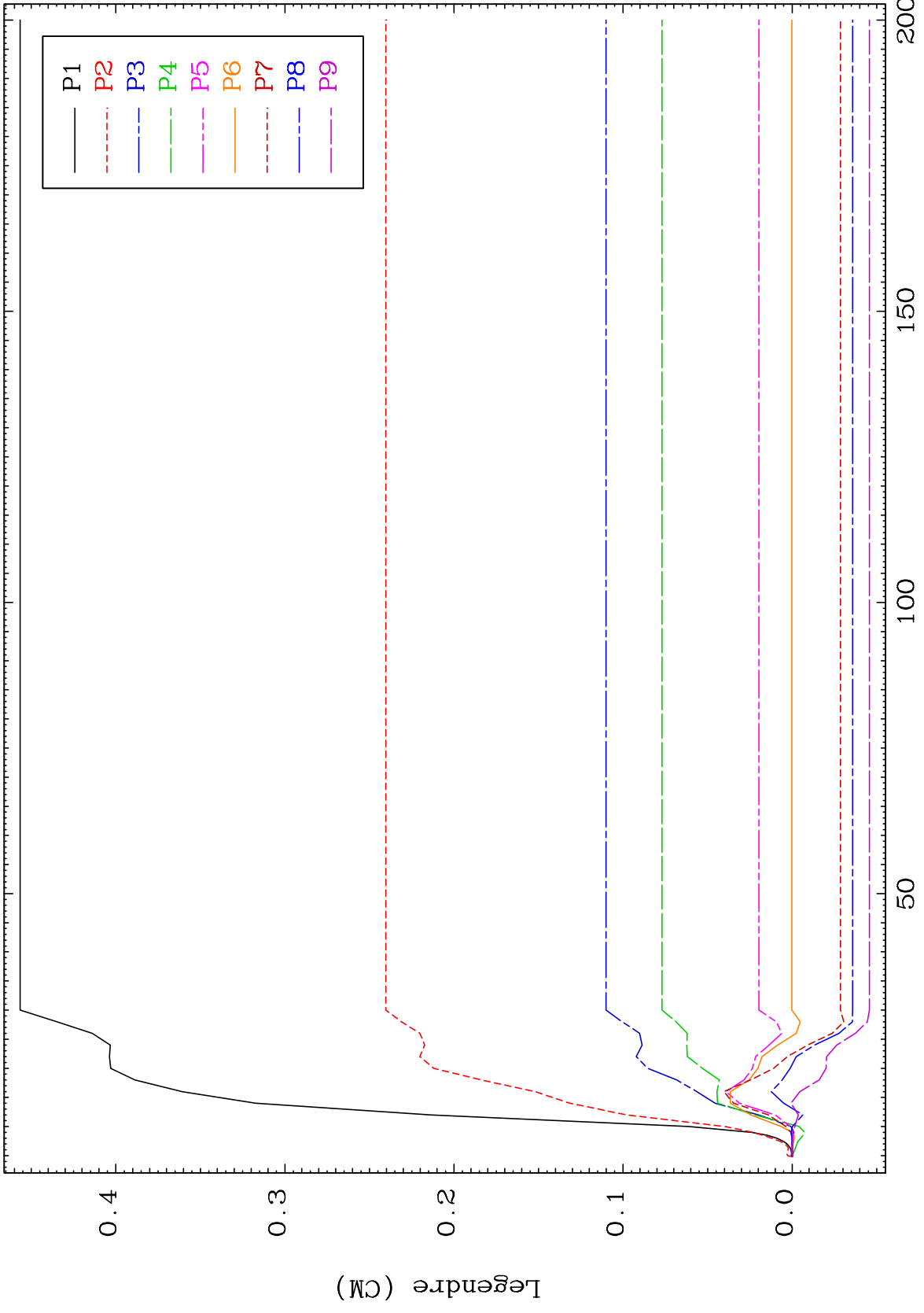


64

Incident Energy (MeV)

50-Sn-131

MAT 5082 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-131

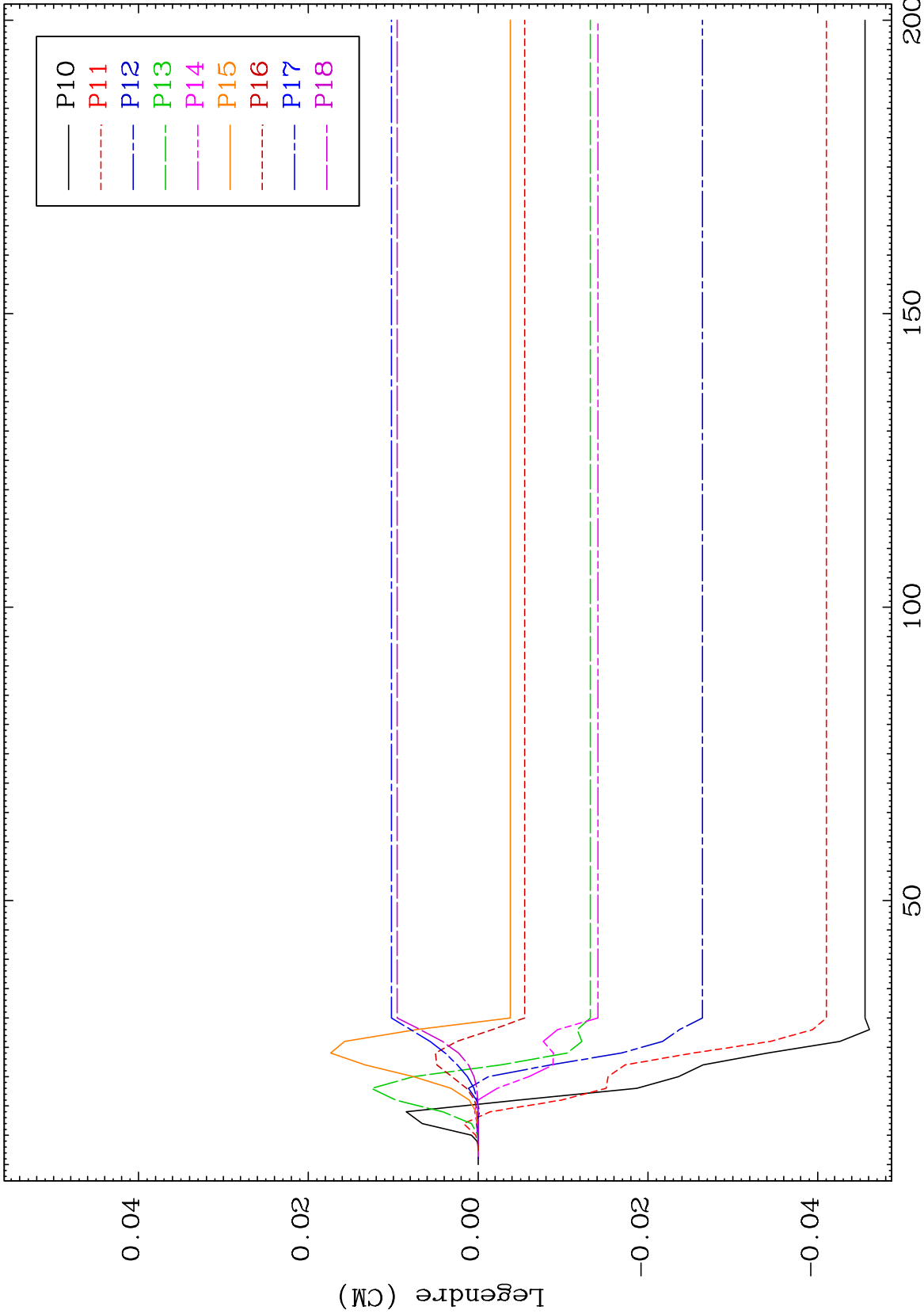


65 Incident Energy (MeV) 50-Sn-131

MAT 5082

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

50-Sn-131

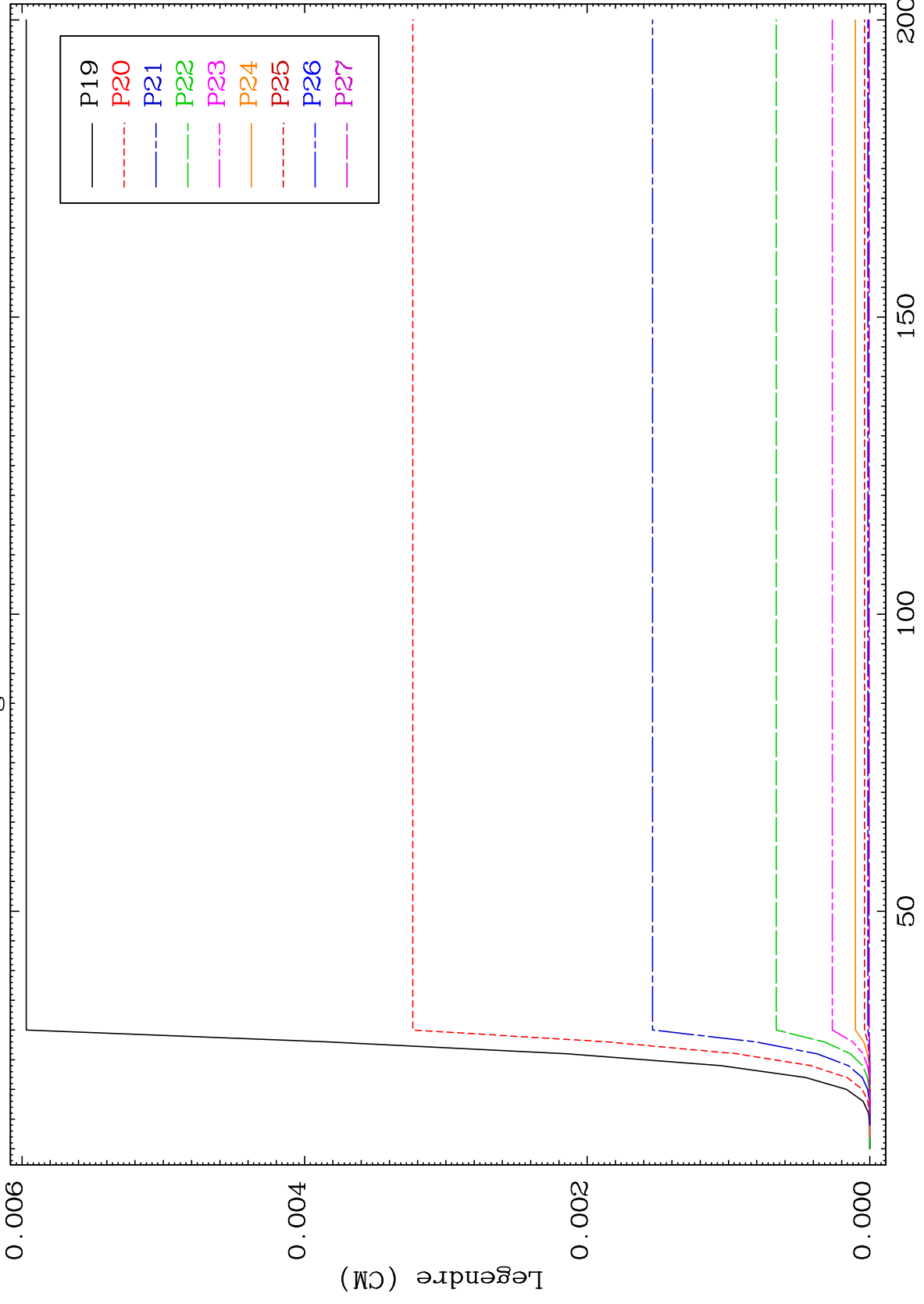


66

Incident Energy (MeV)

50-Sn-131

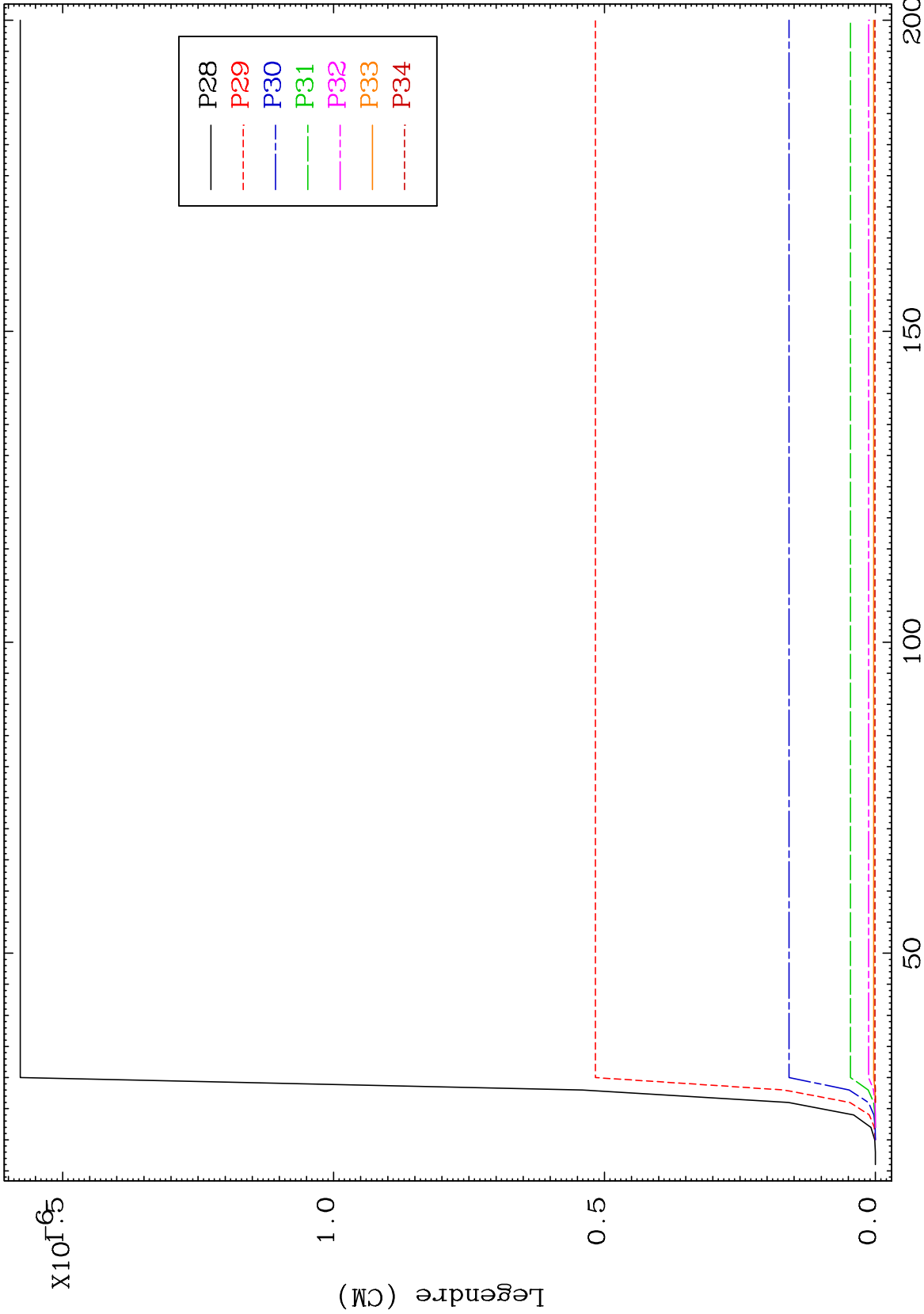
MAT 5082 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-131



MAT 5082

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

50-Sn-131



68

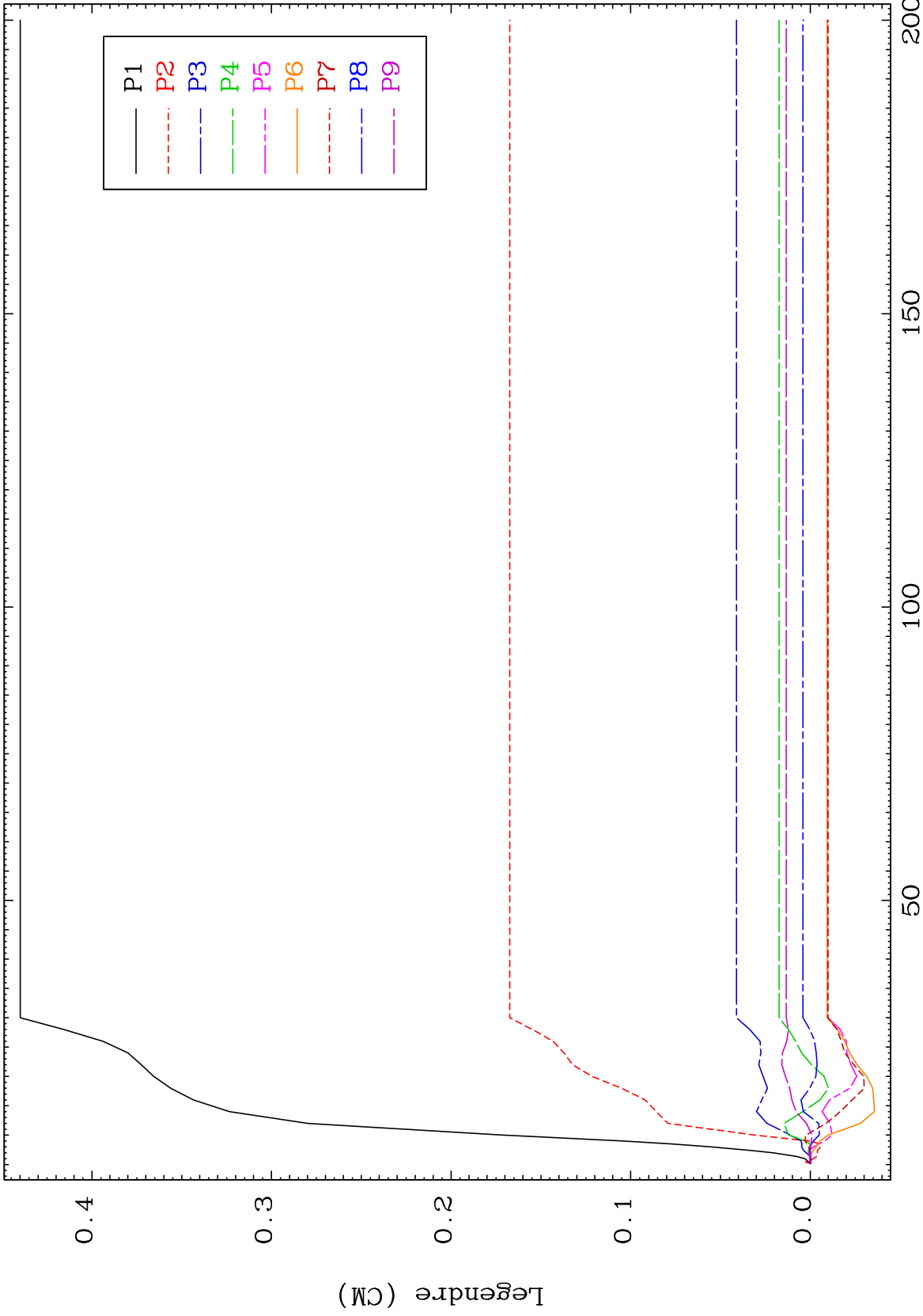
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



69

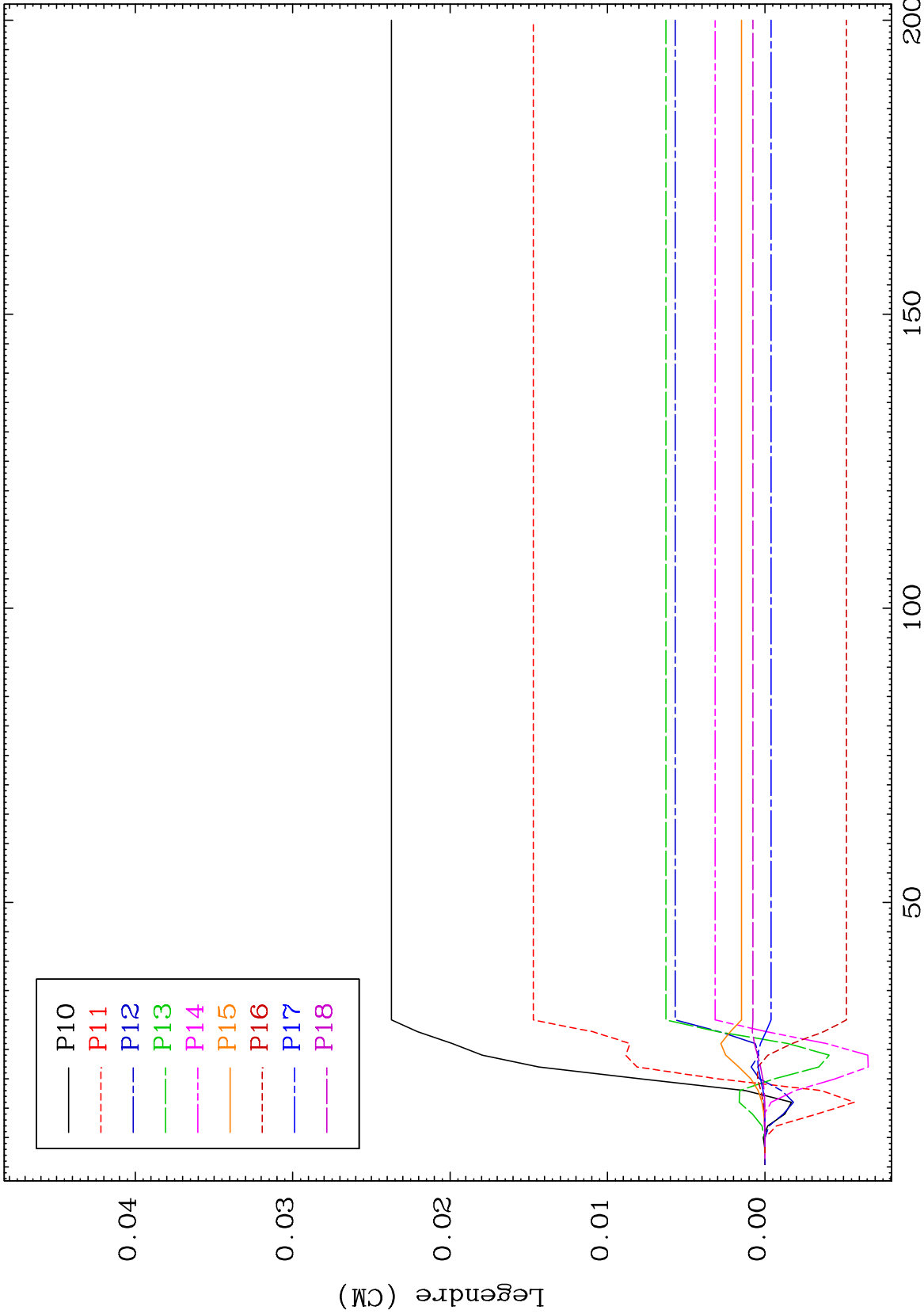
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



70

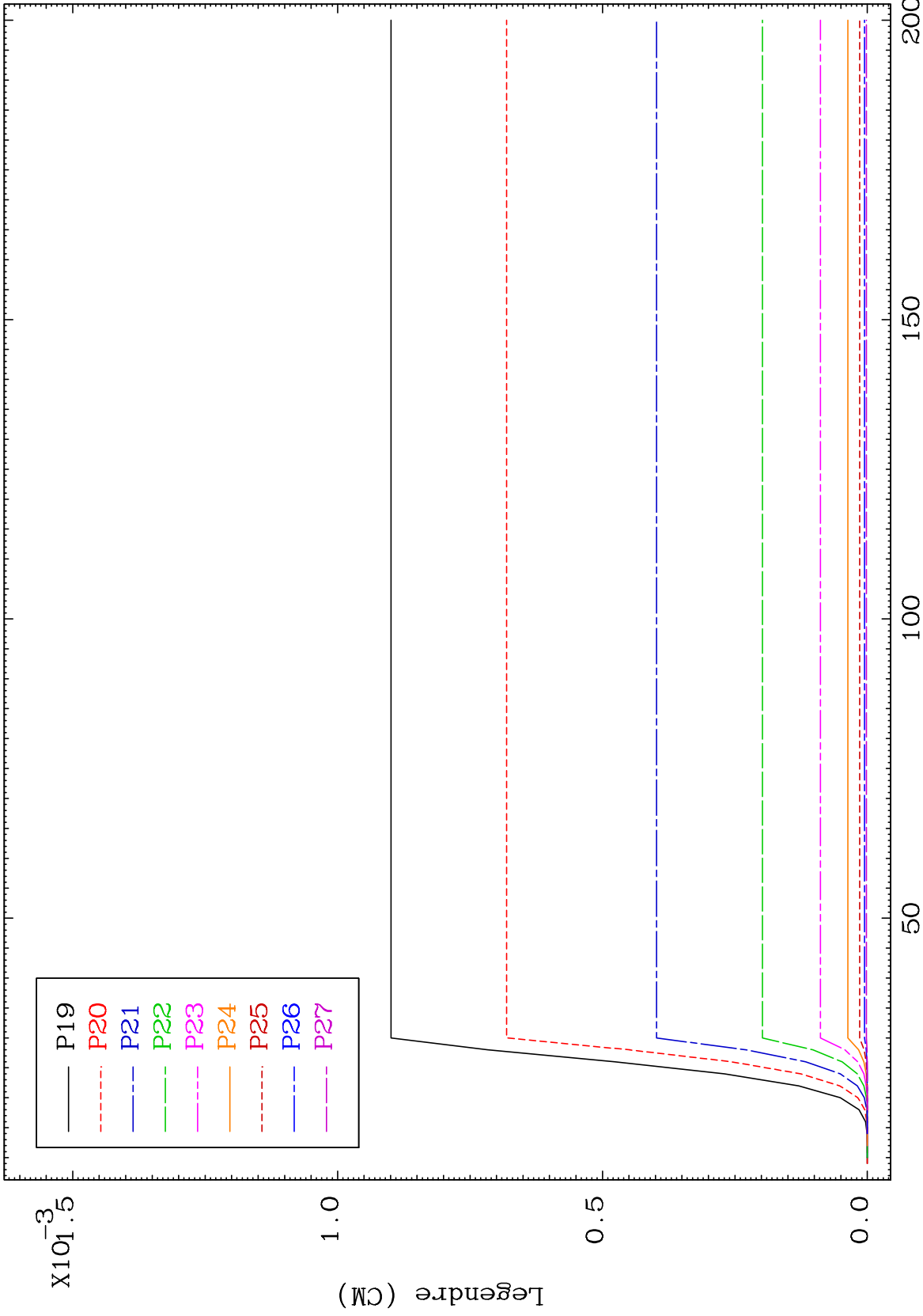
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



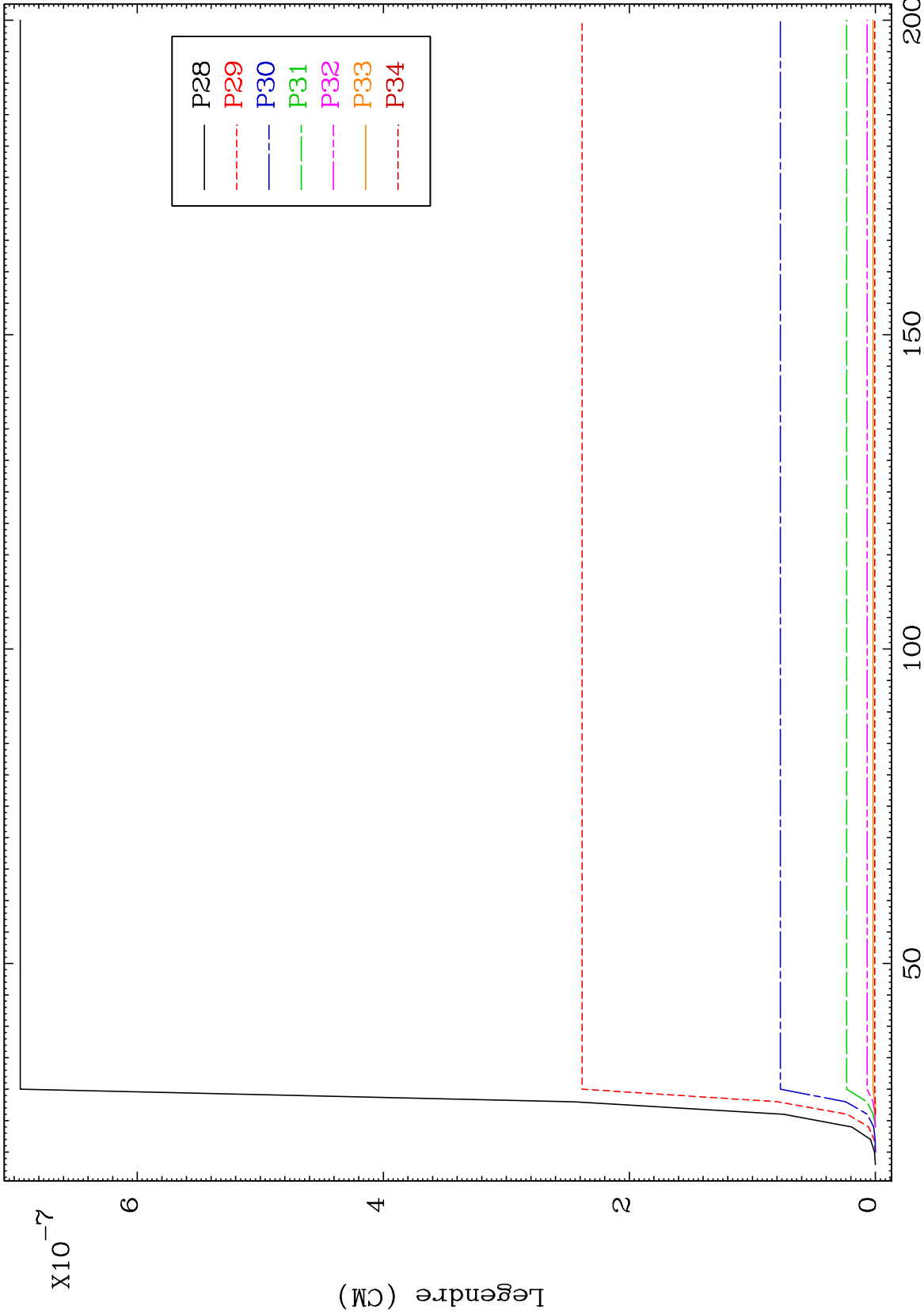
71

50-Sn-131

MAT 5082

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

50-Sn-131



72

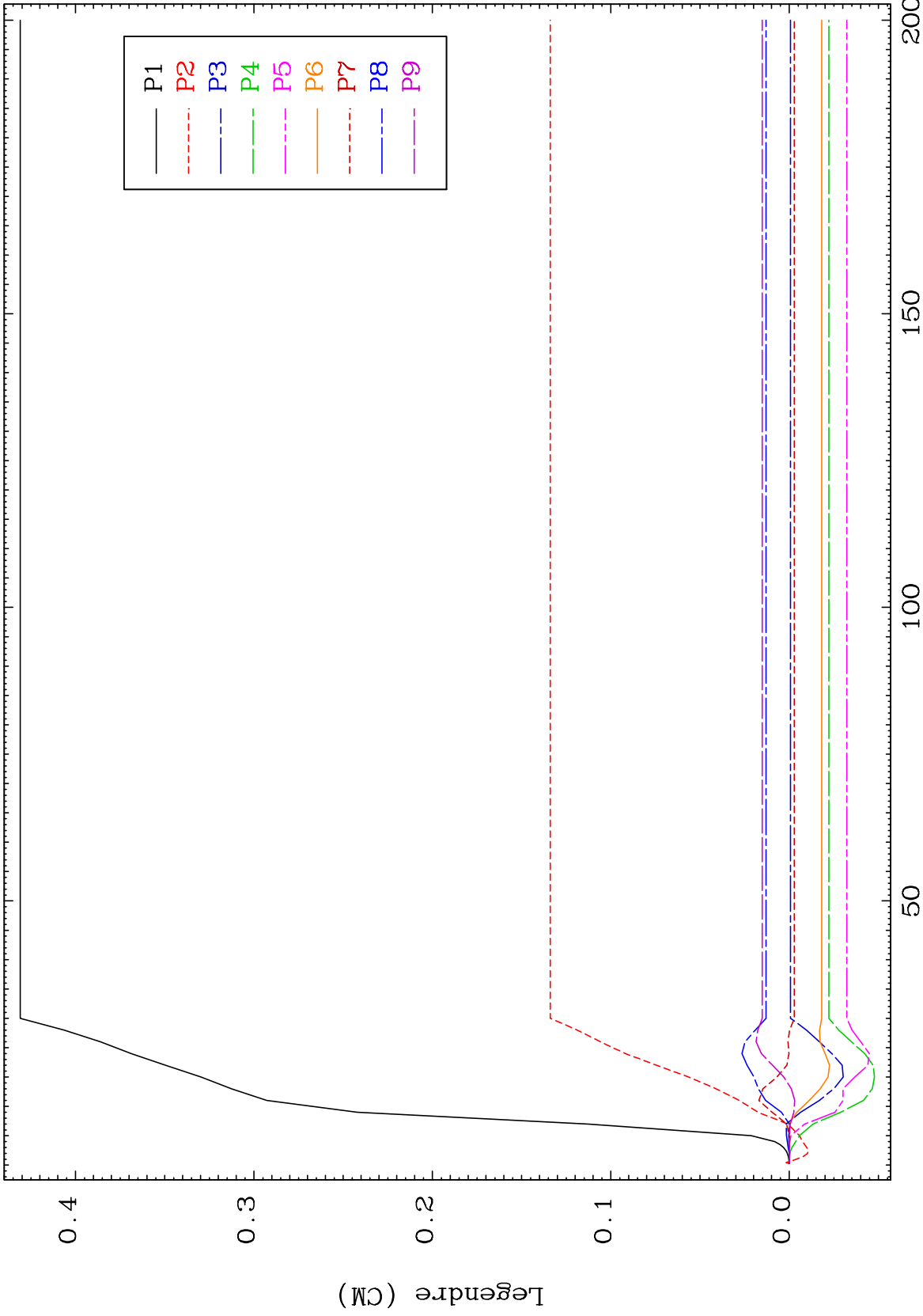
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



73

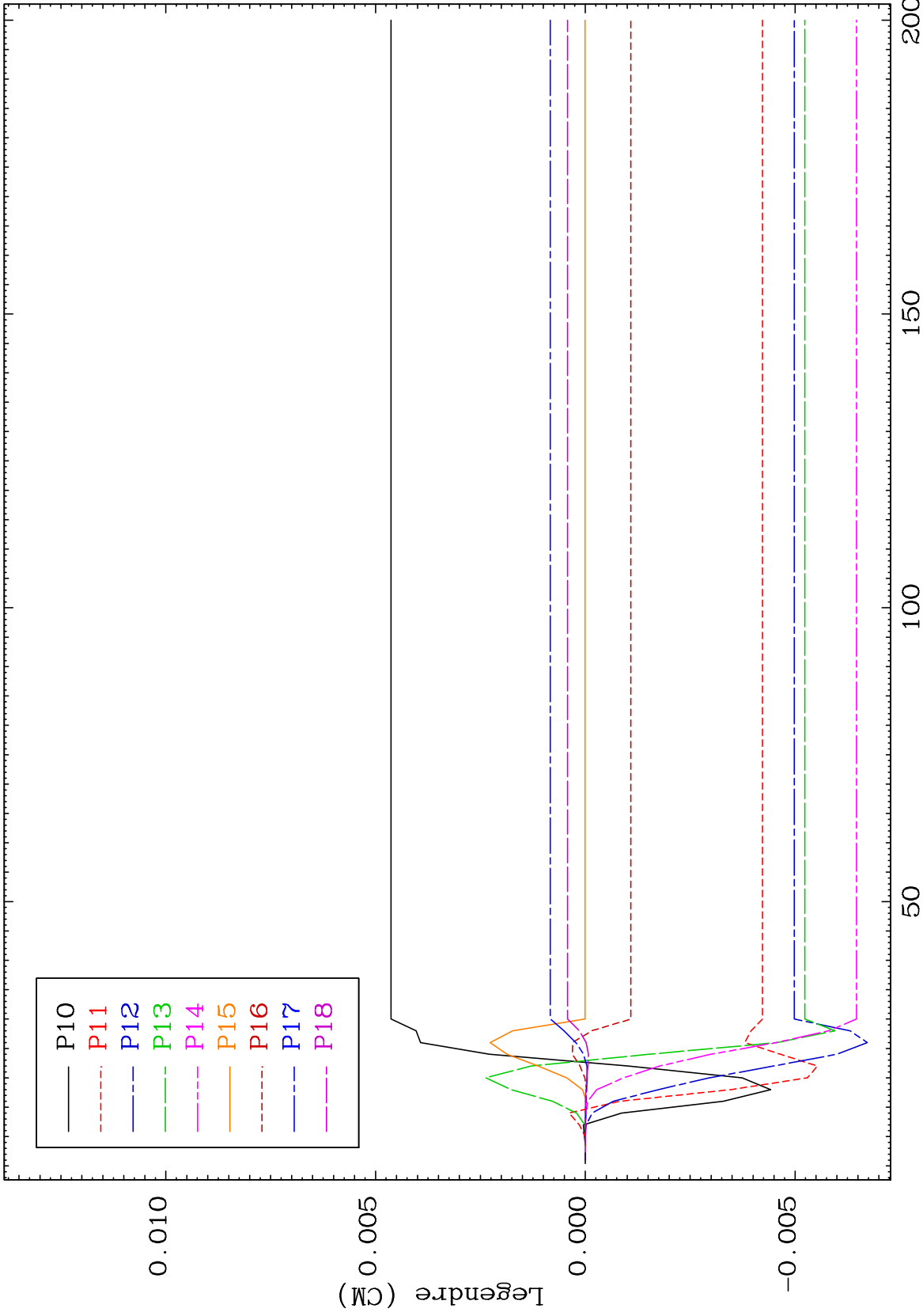
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



74

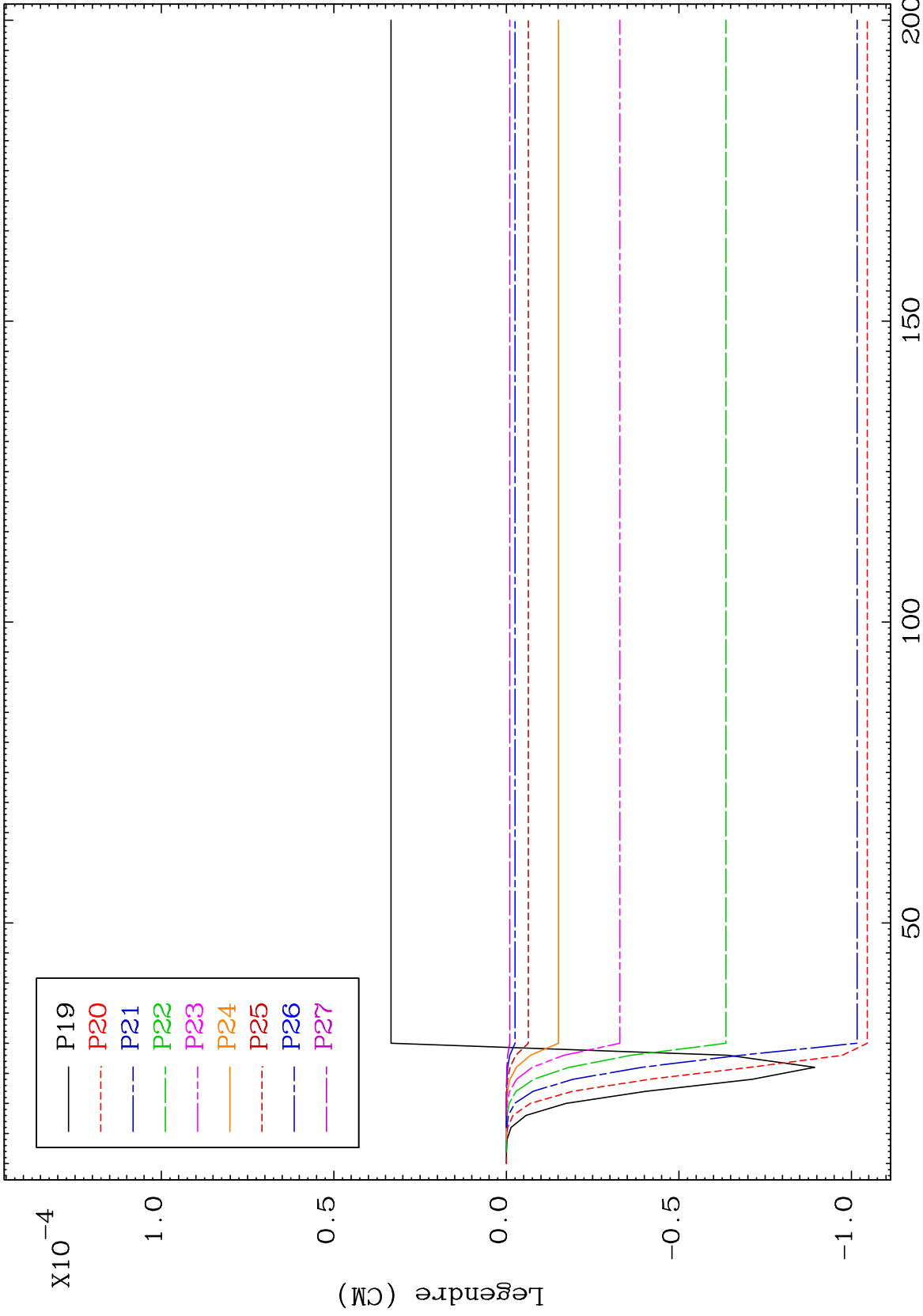
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

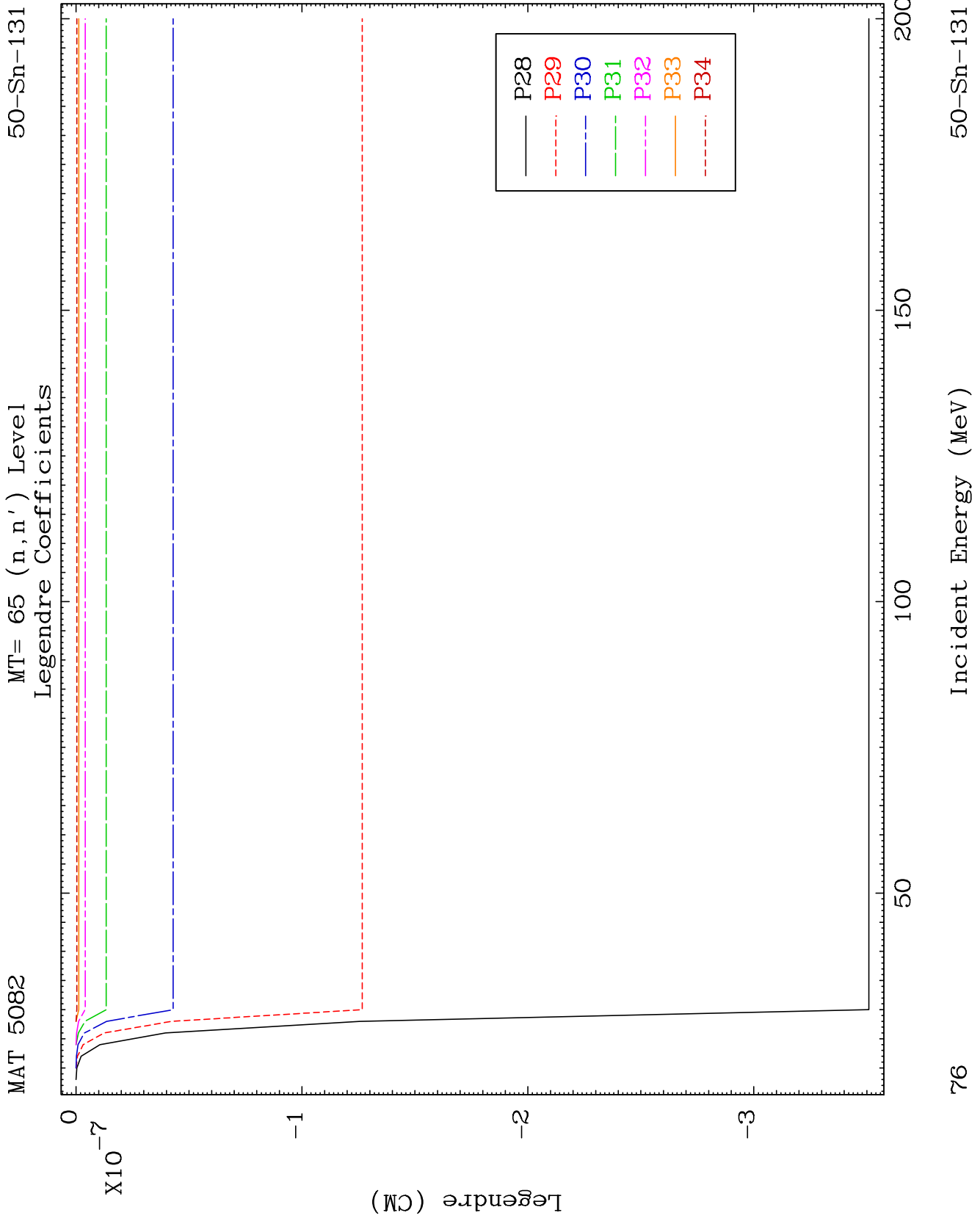
50-Sn-131



75

Incident Energy (MeV)

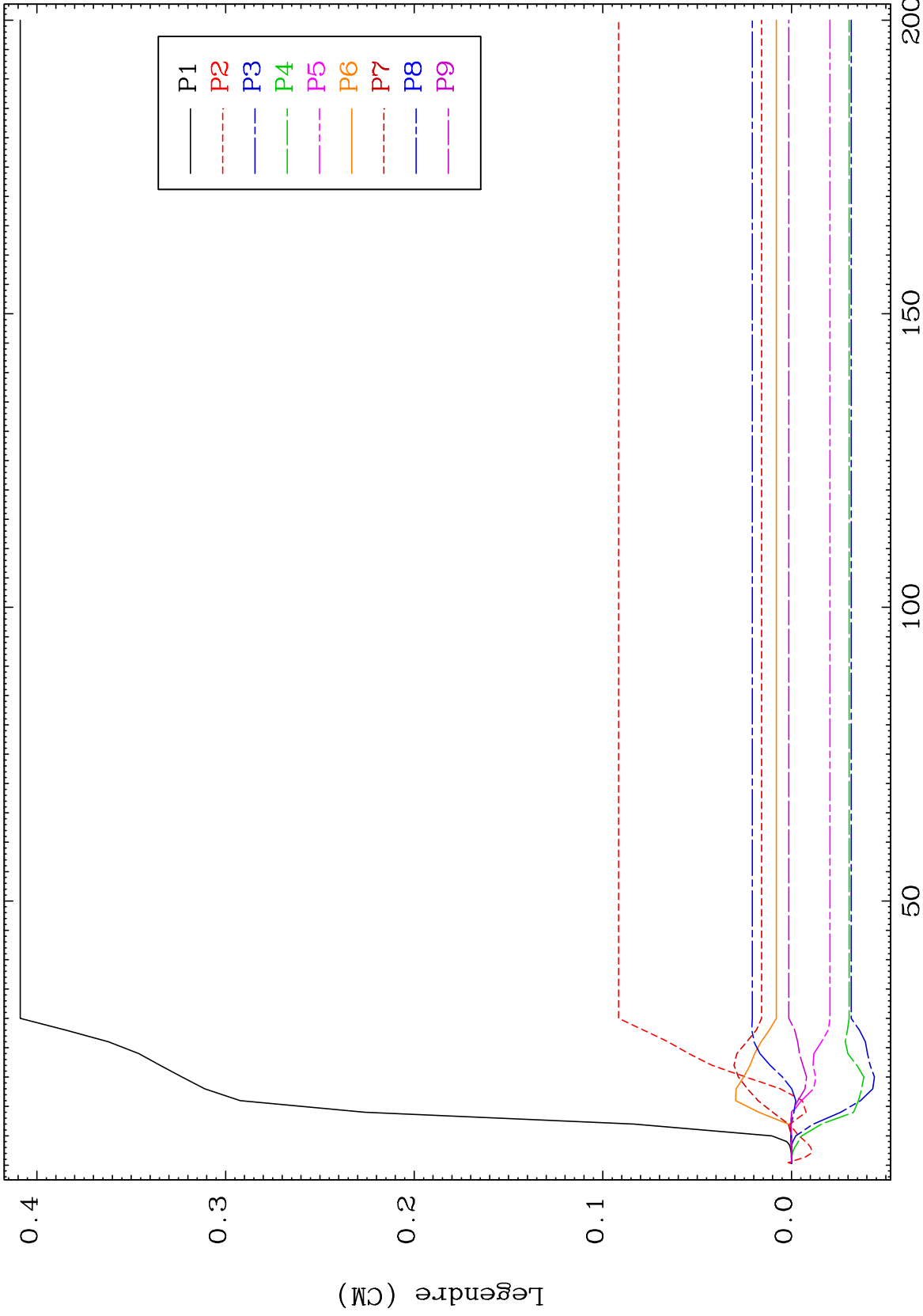
50-Sn-131



MAT 5082

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

50-Sn-131



77

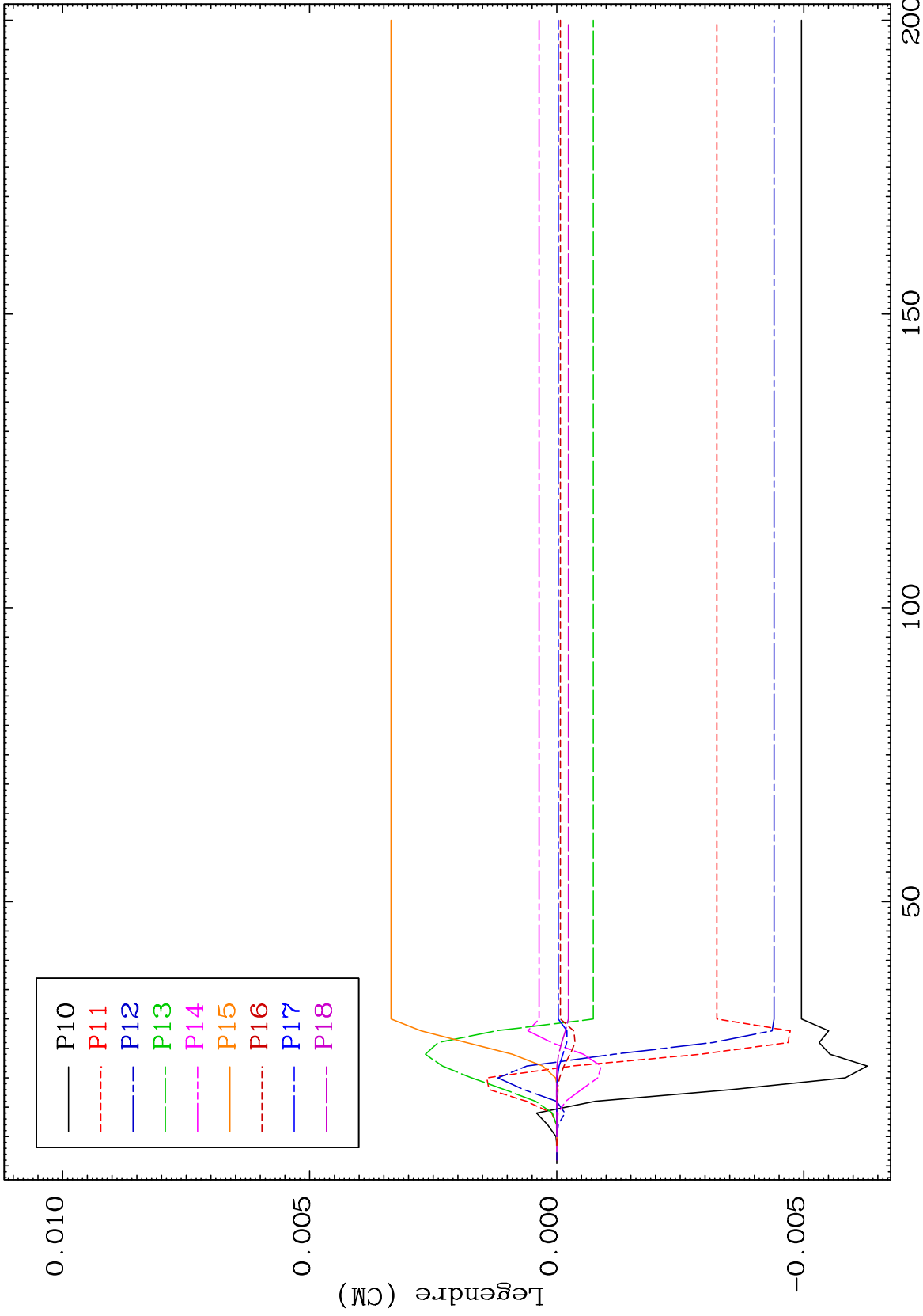
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

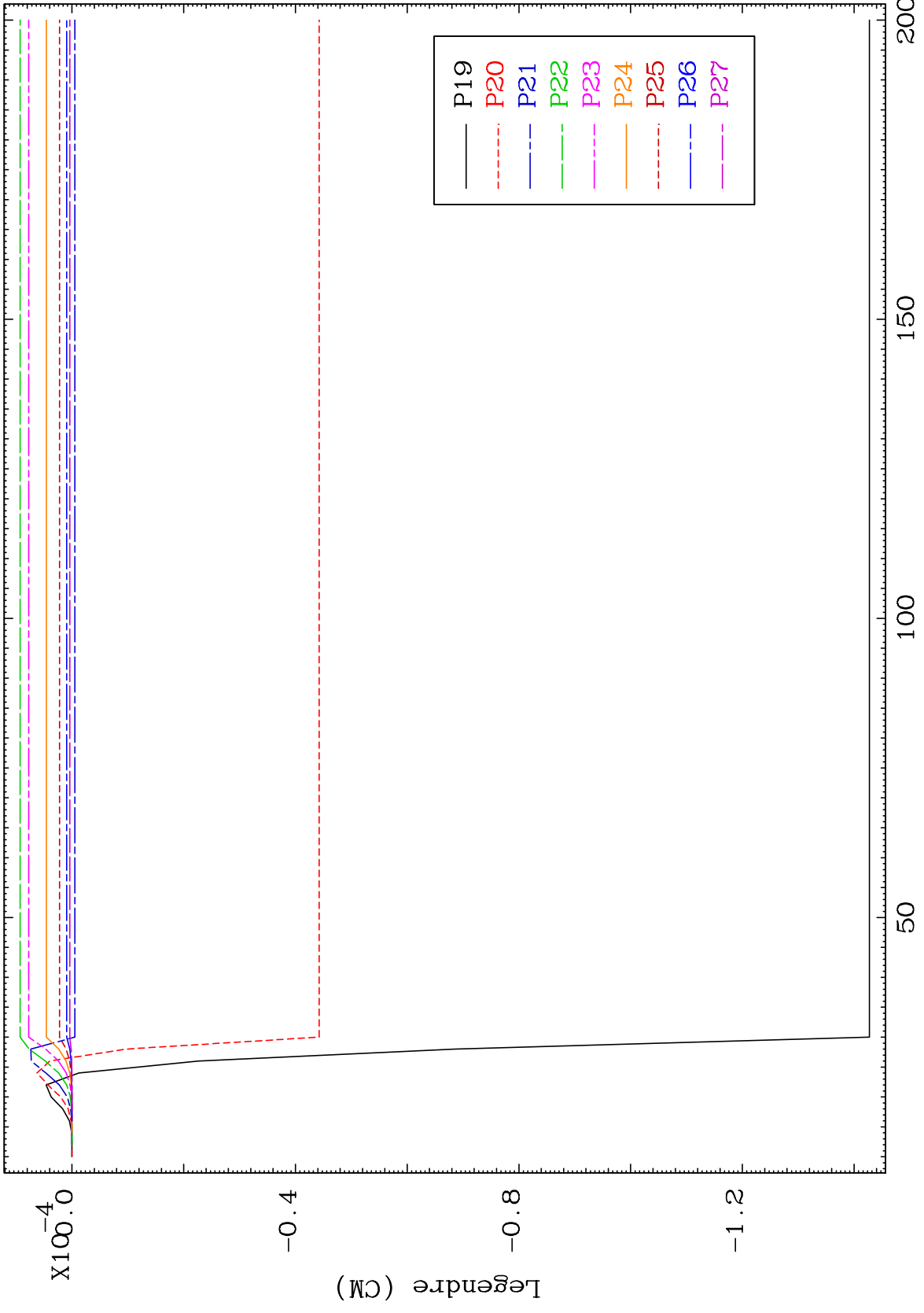
50-Sn-131



78

50-Sn-131

MAT 5082 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-131

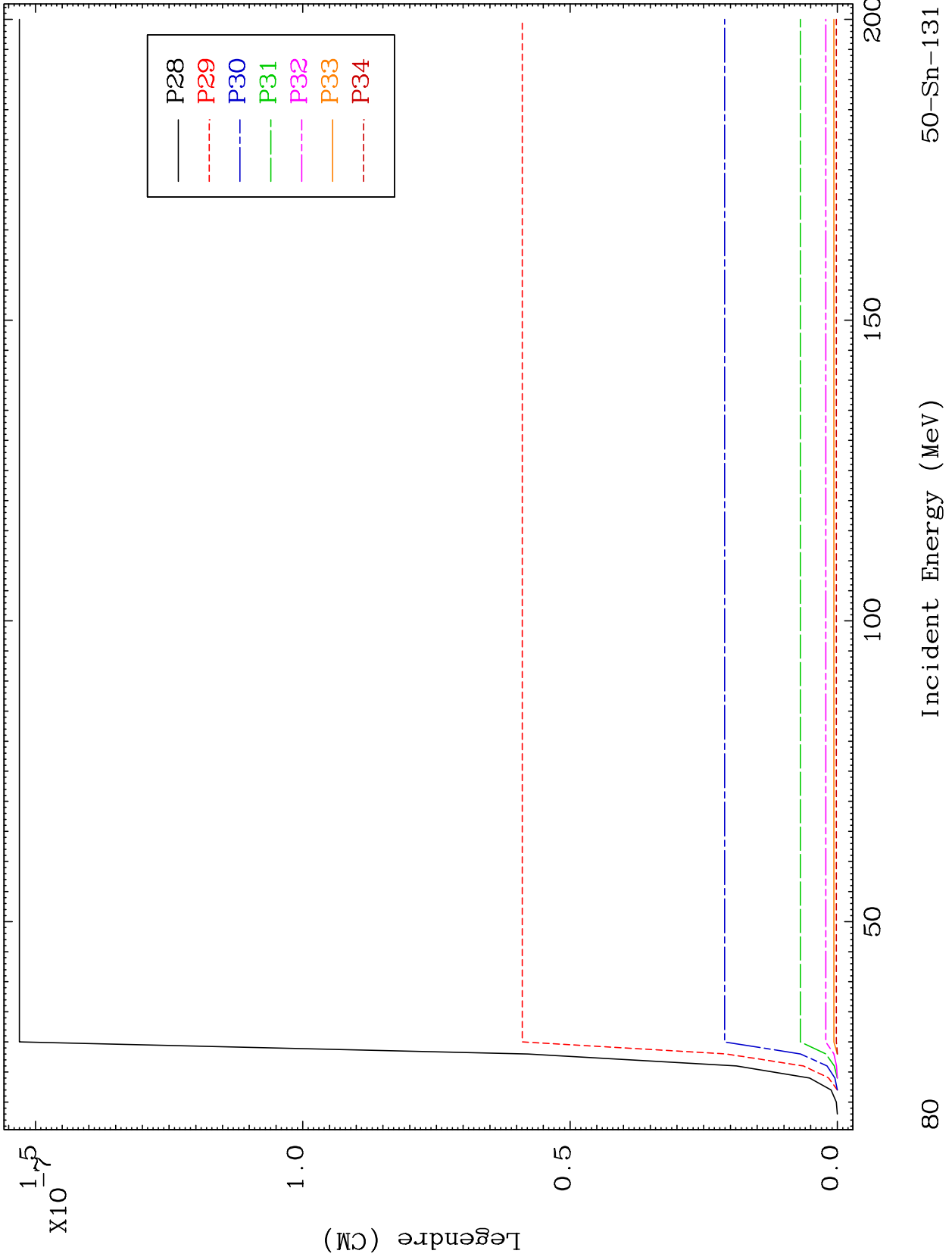


79 50-Sn-131

MAT 5082

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

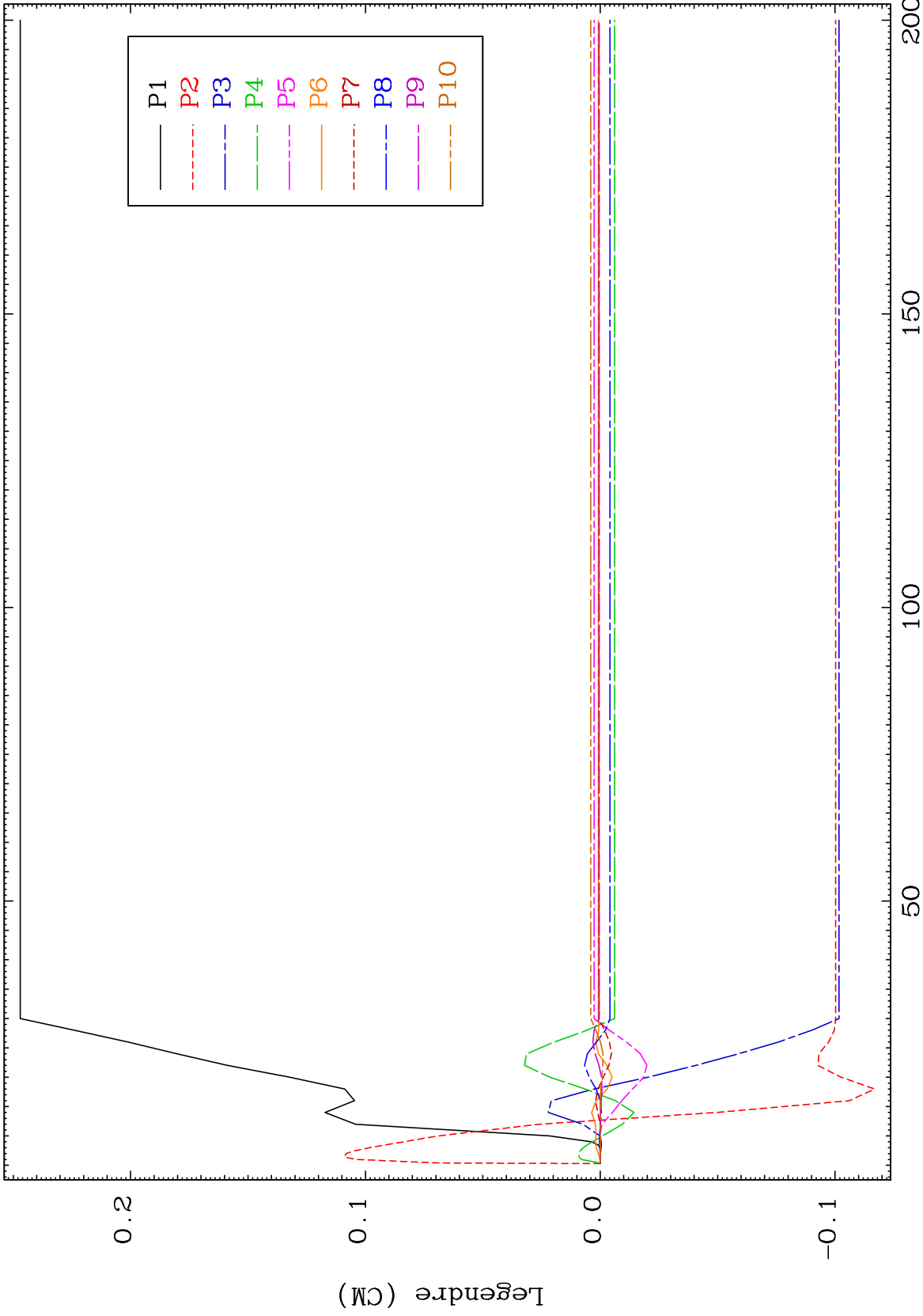
50-Sn-131



MAT 5082

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

50-Sn-131



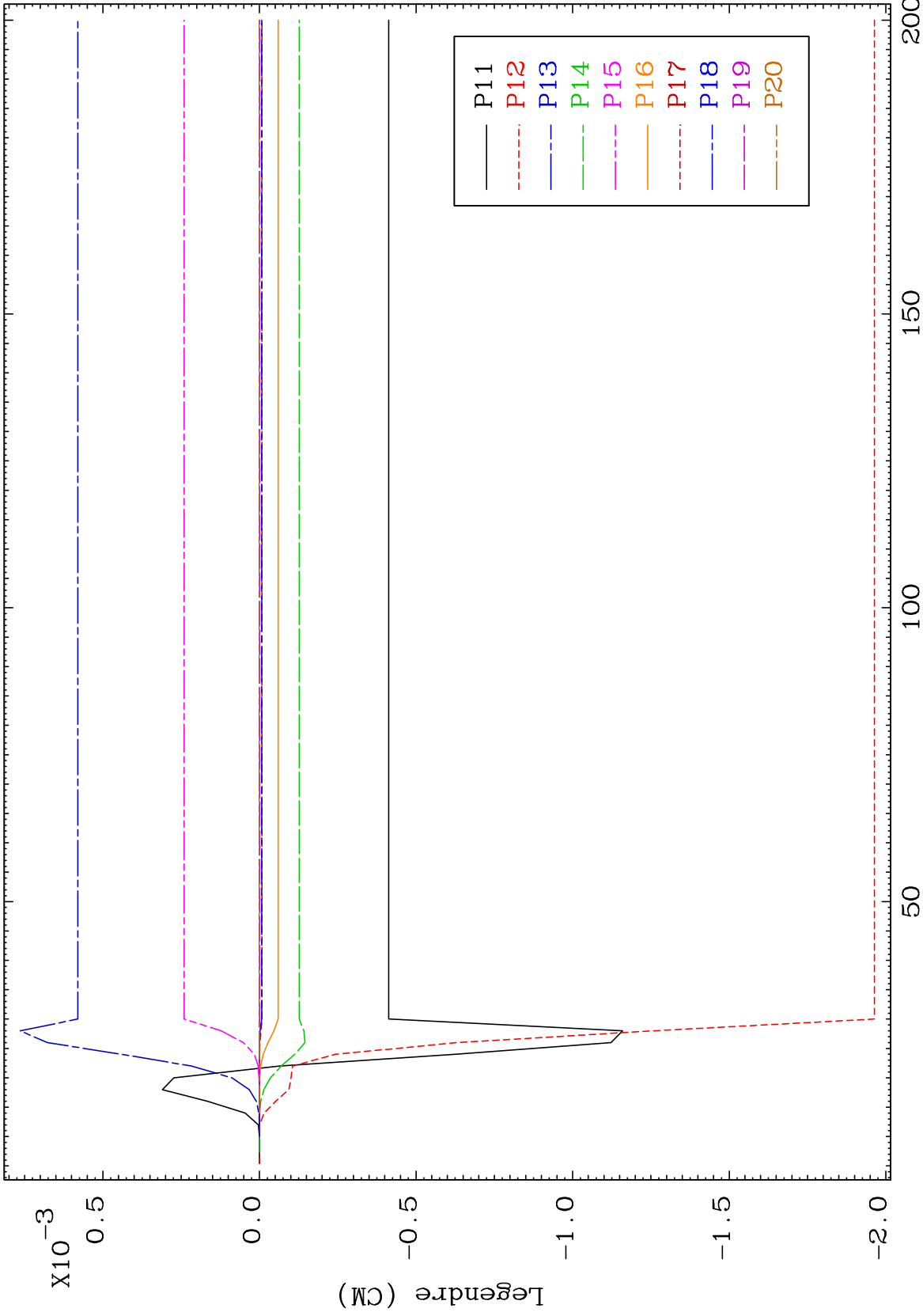
81

50-Sn-131

MAT 5082

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

50-Sn-131



82

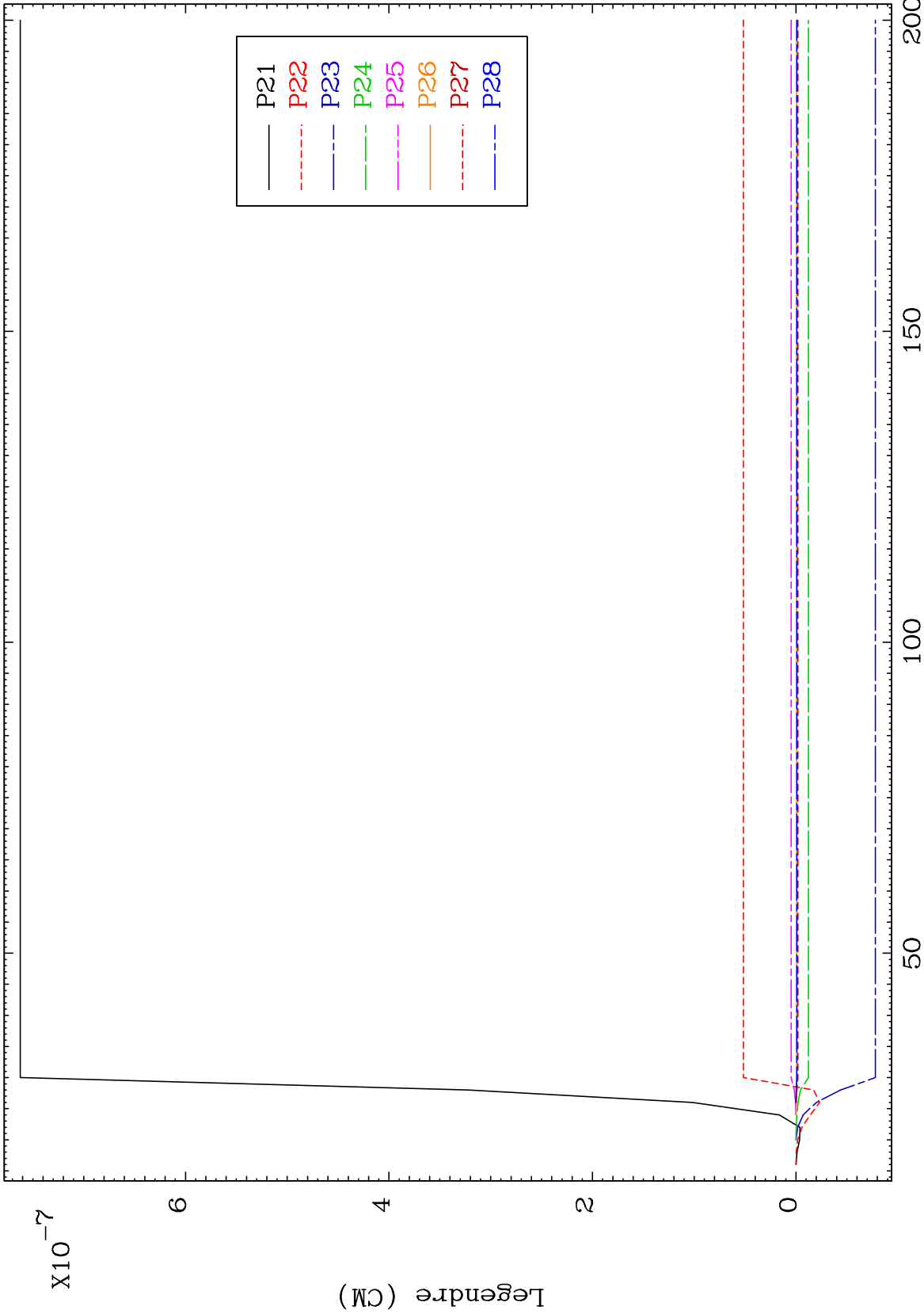
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



83

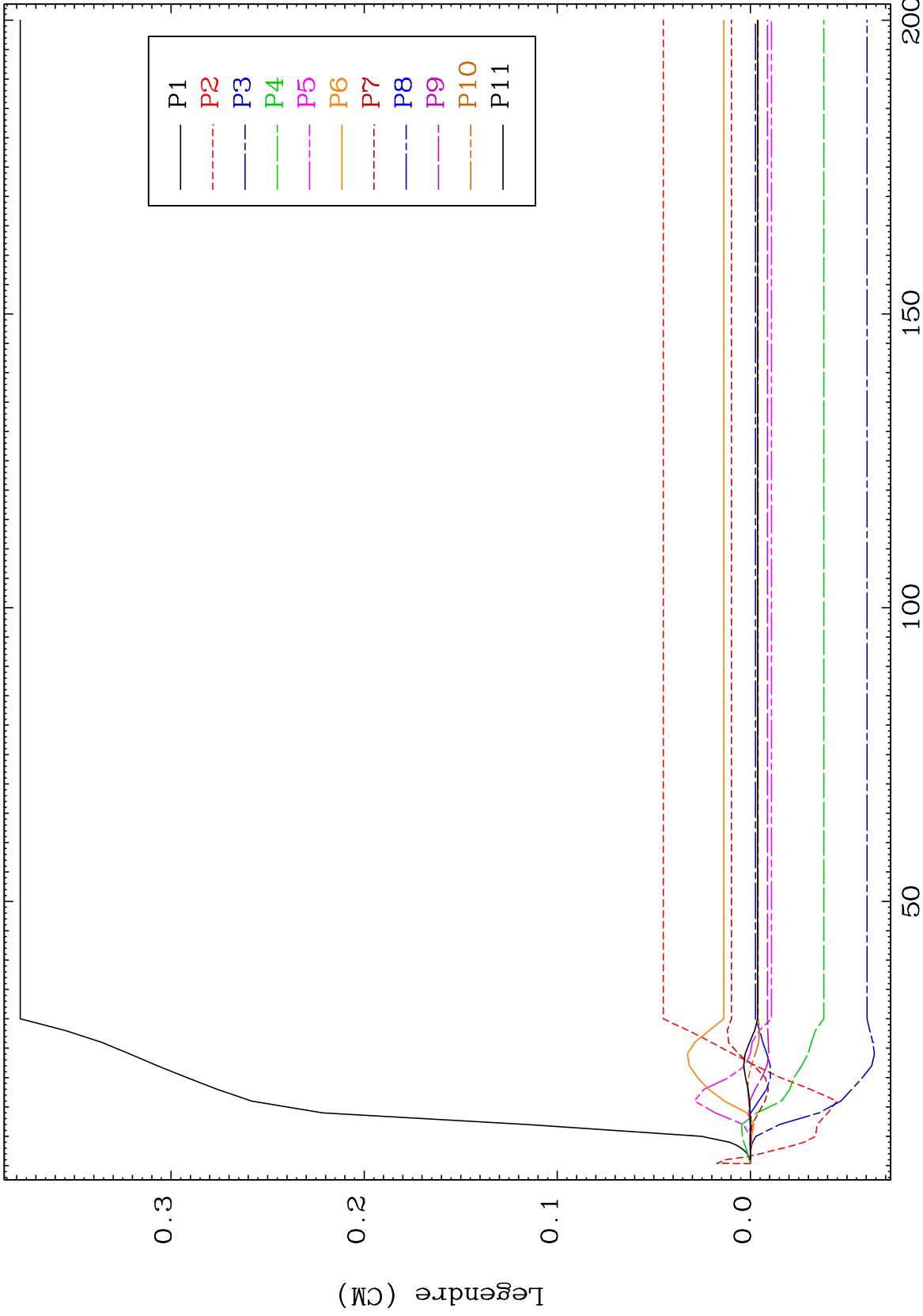
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131

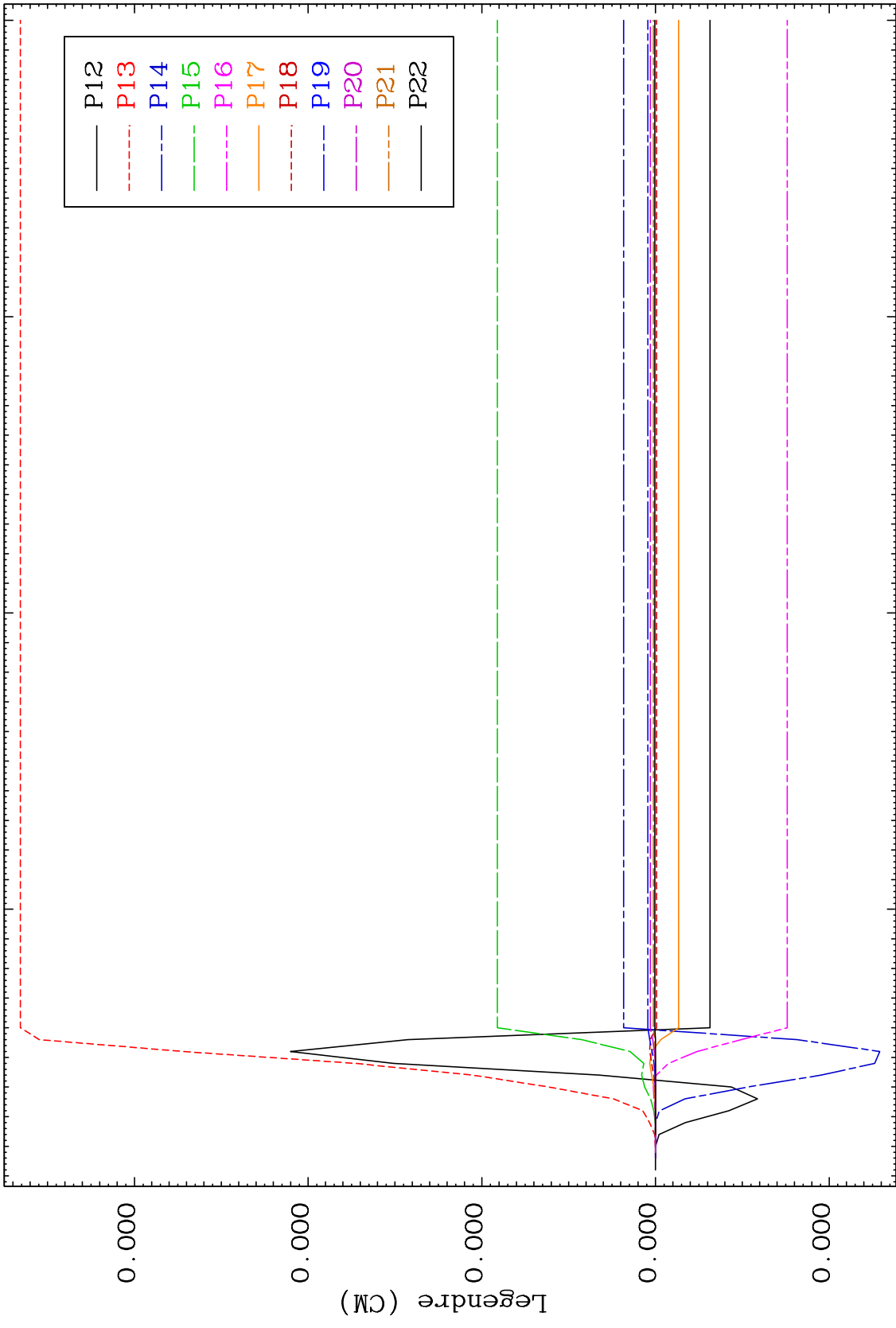


84

Incident Energy (MeV)

50-Sn-131

MAT 5082 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-131

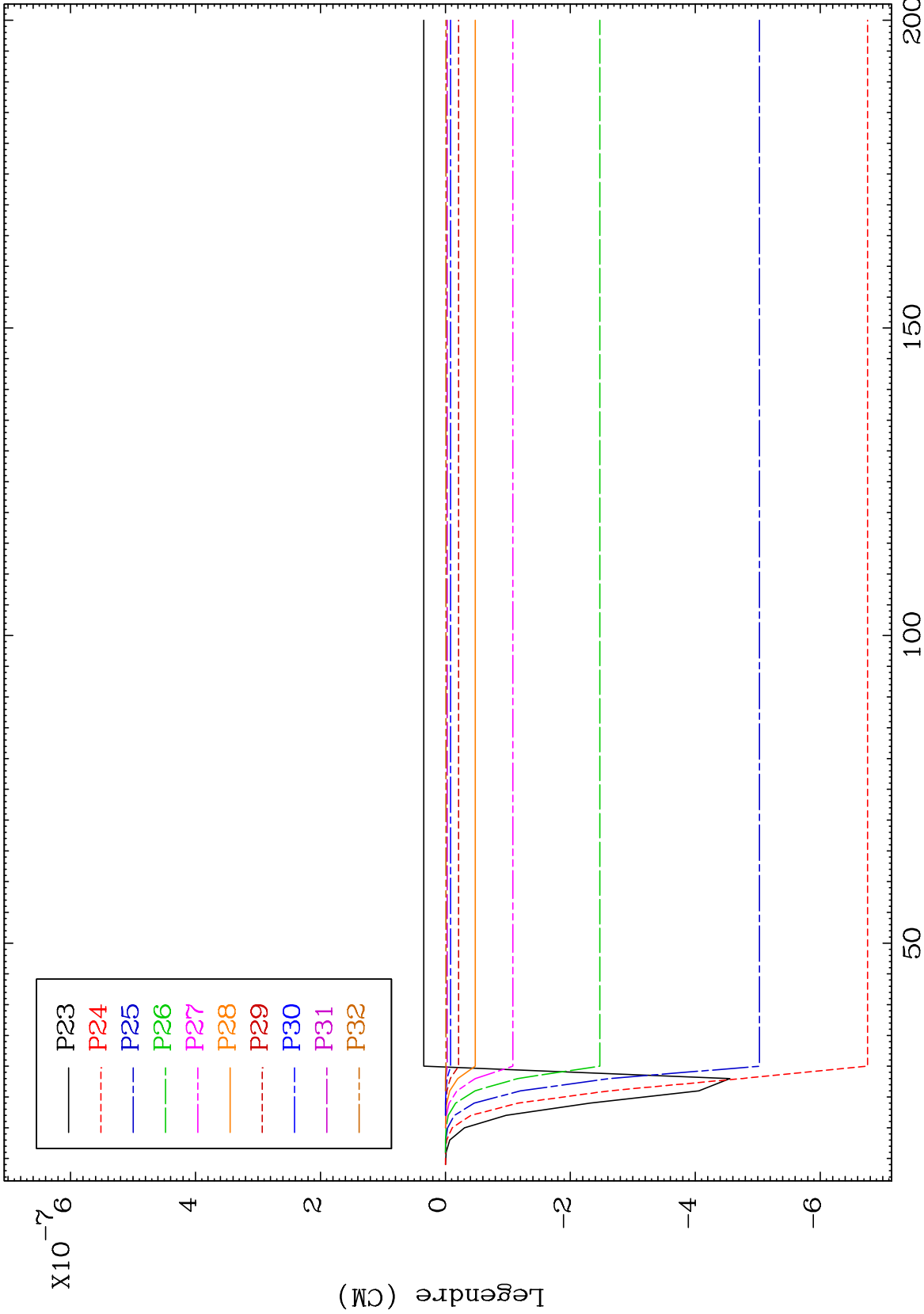


85 Incident Energy (MeV) 50-Sn-131

MAT 5082

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

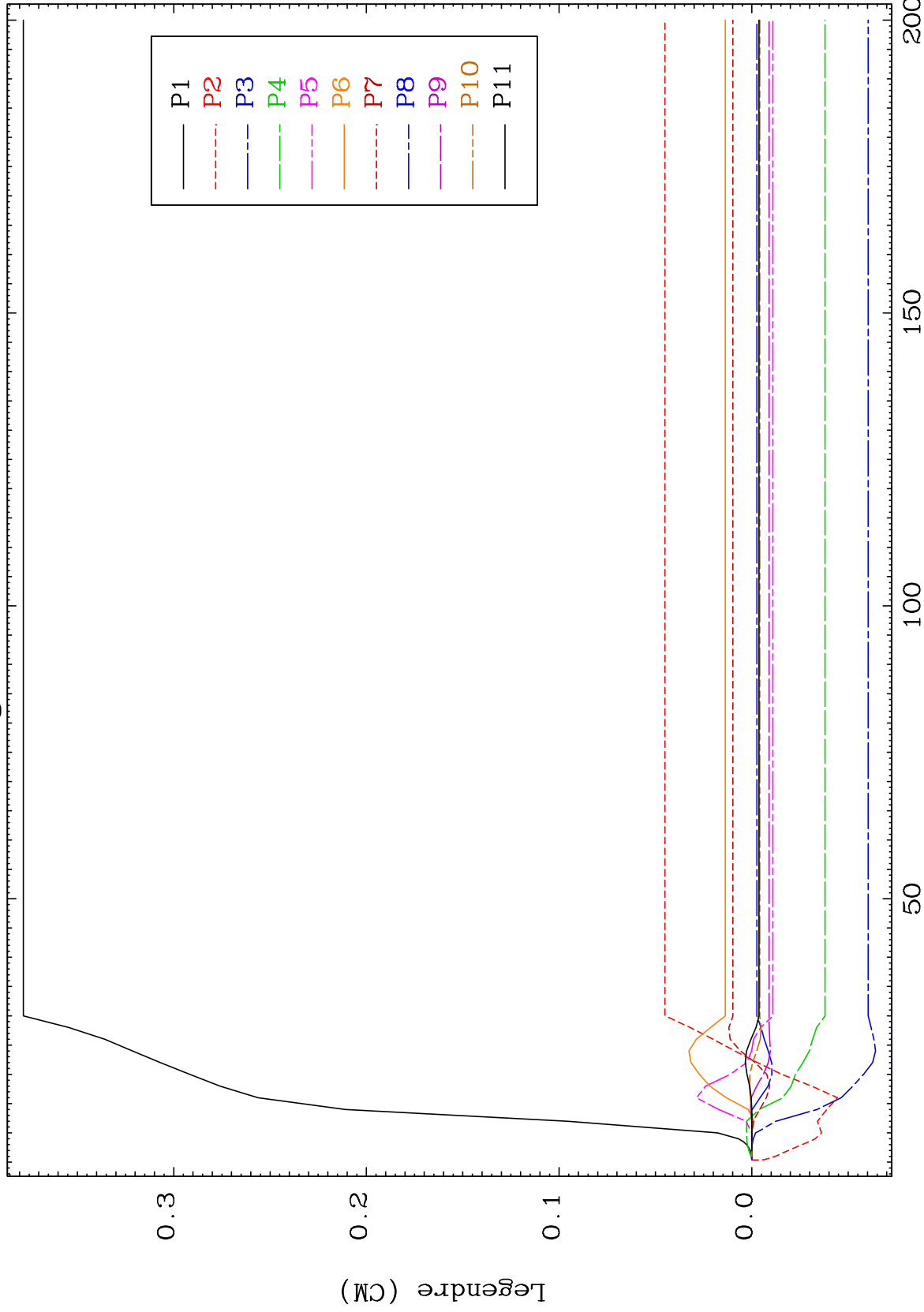
50-Sn-131



MAT 5082

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

50-Sn-131

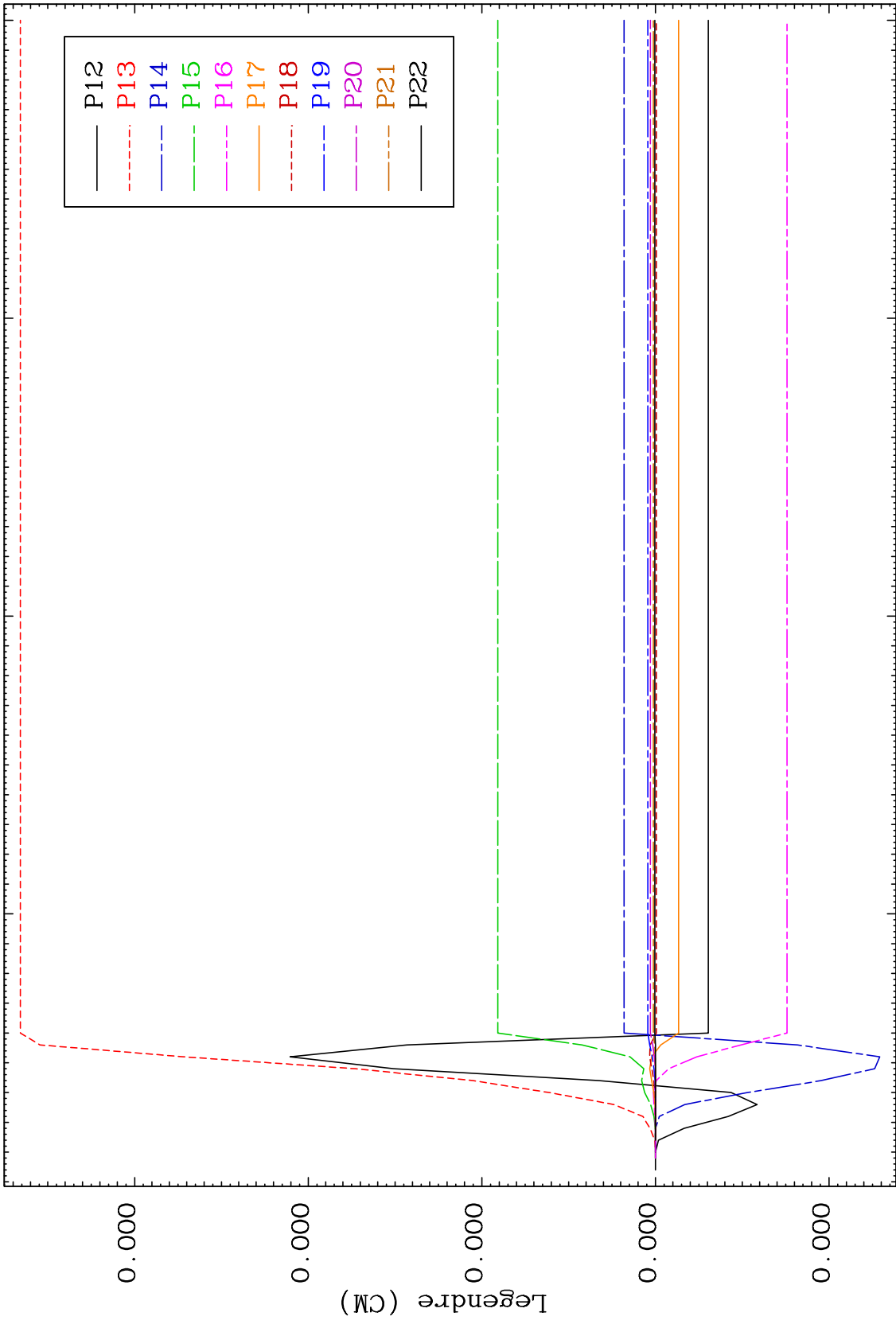


87

Incident Energy (MeV)

50-Sn-131

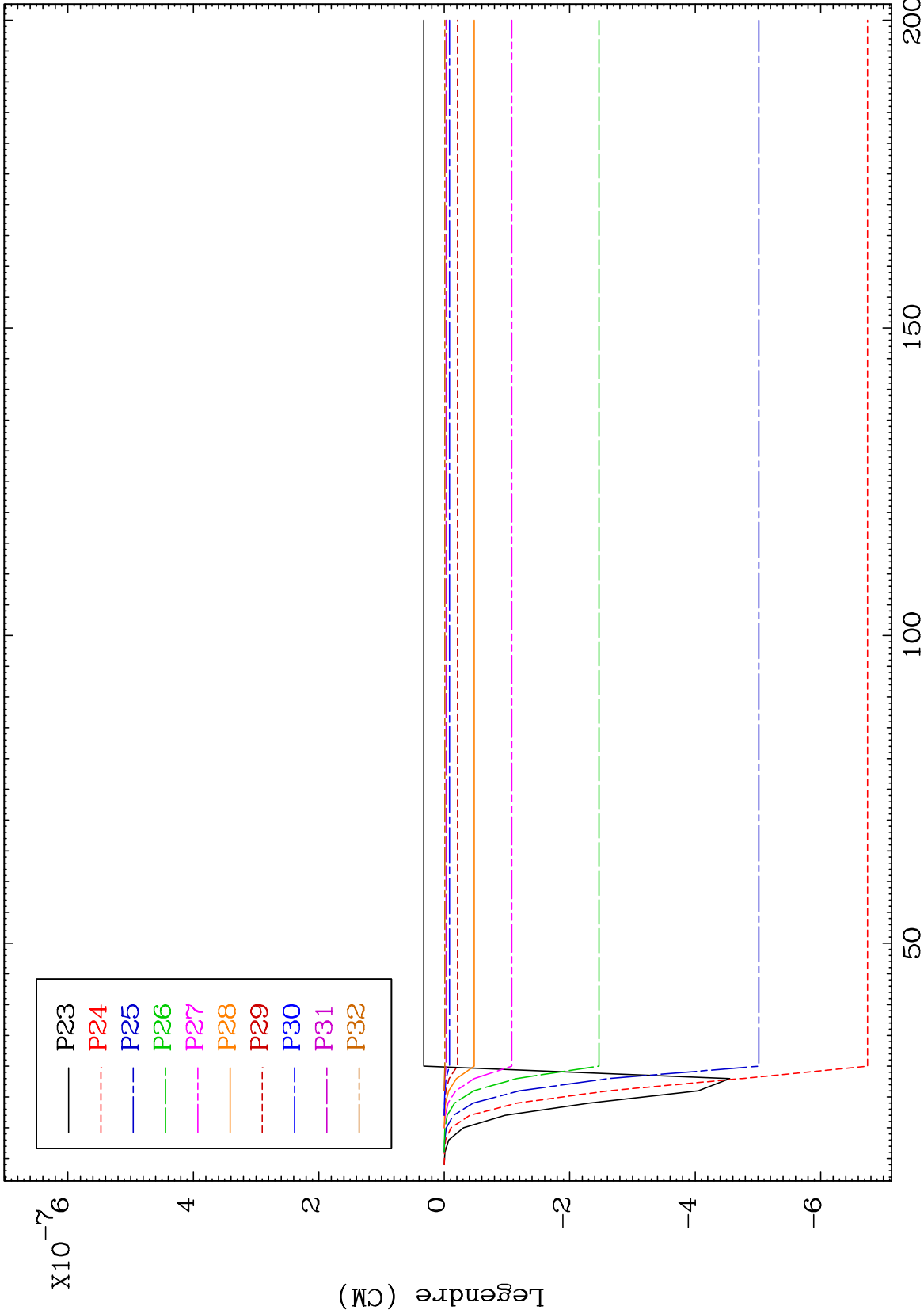
MAT 5082 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-131



MAT 5082

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

50-Sn-131



89

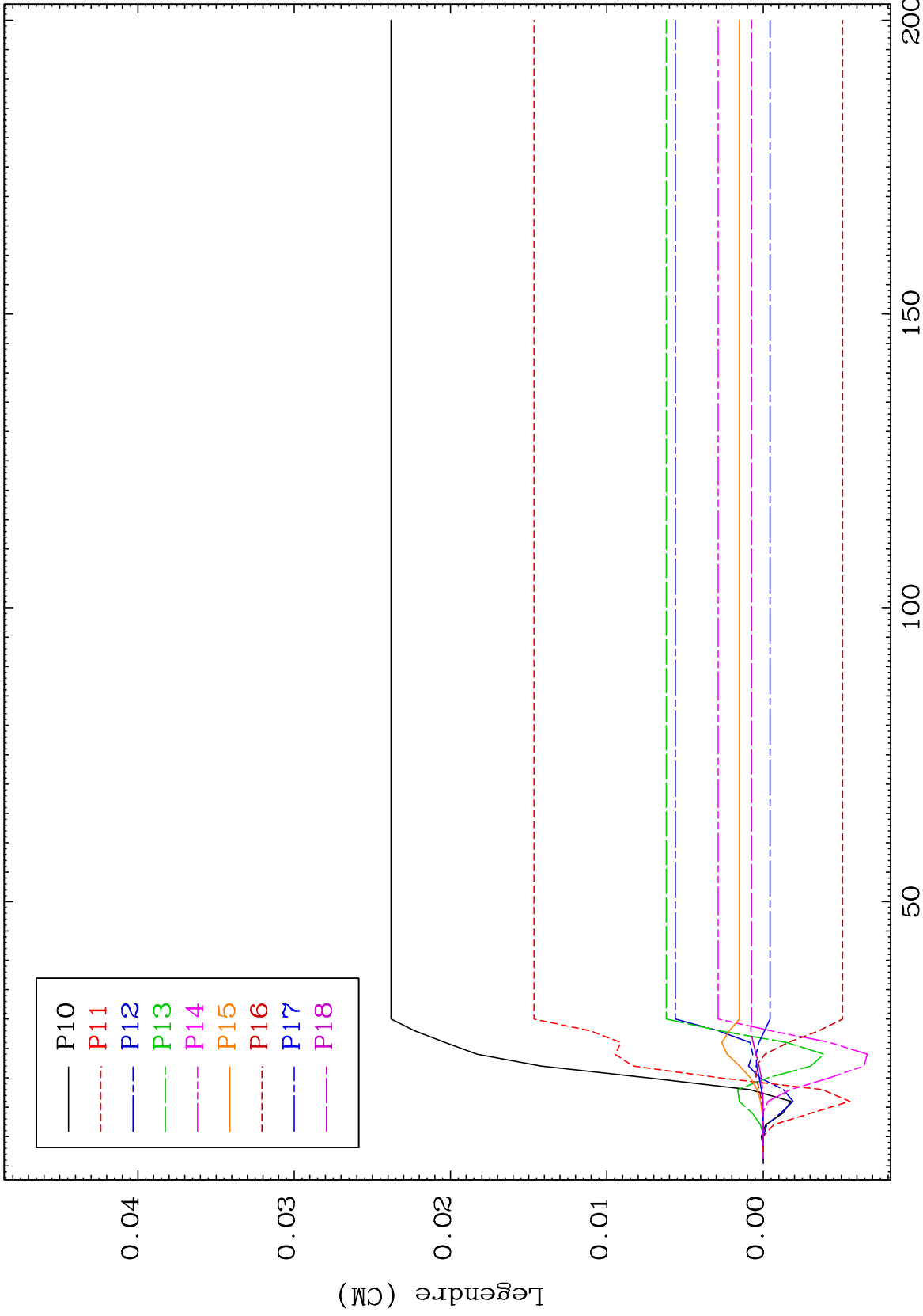
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



91

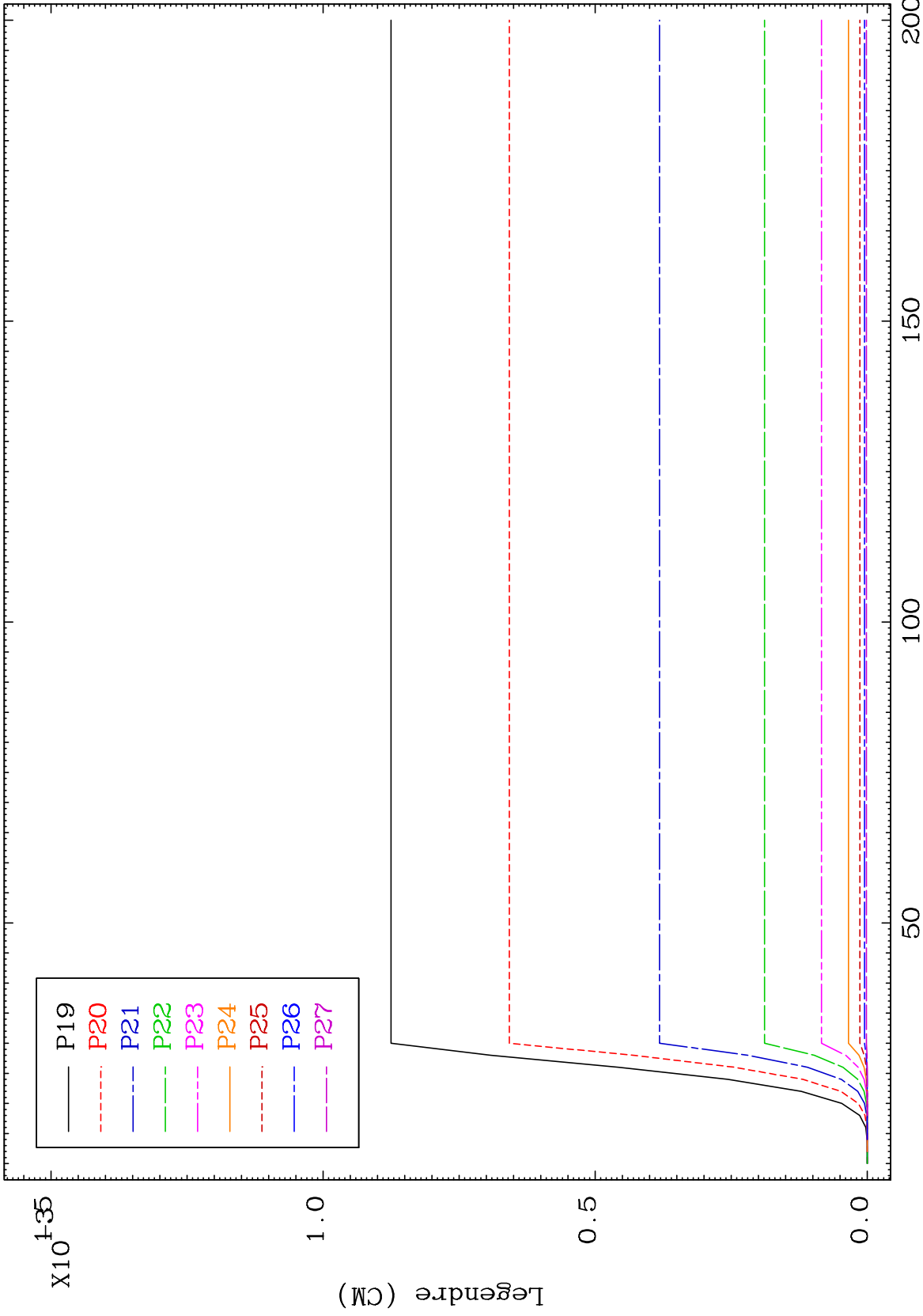
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



92

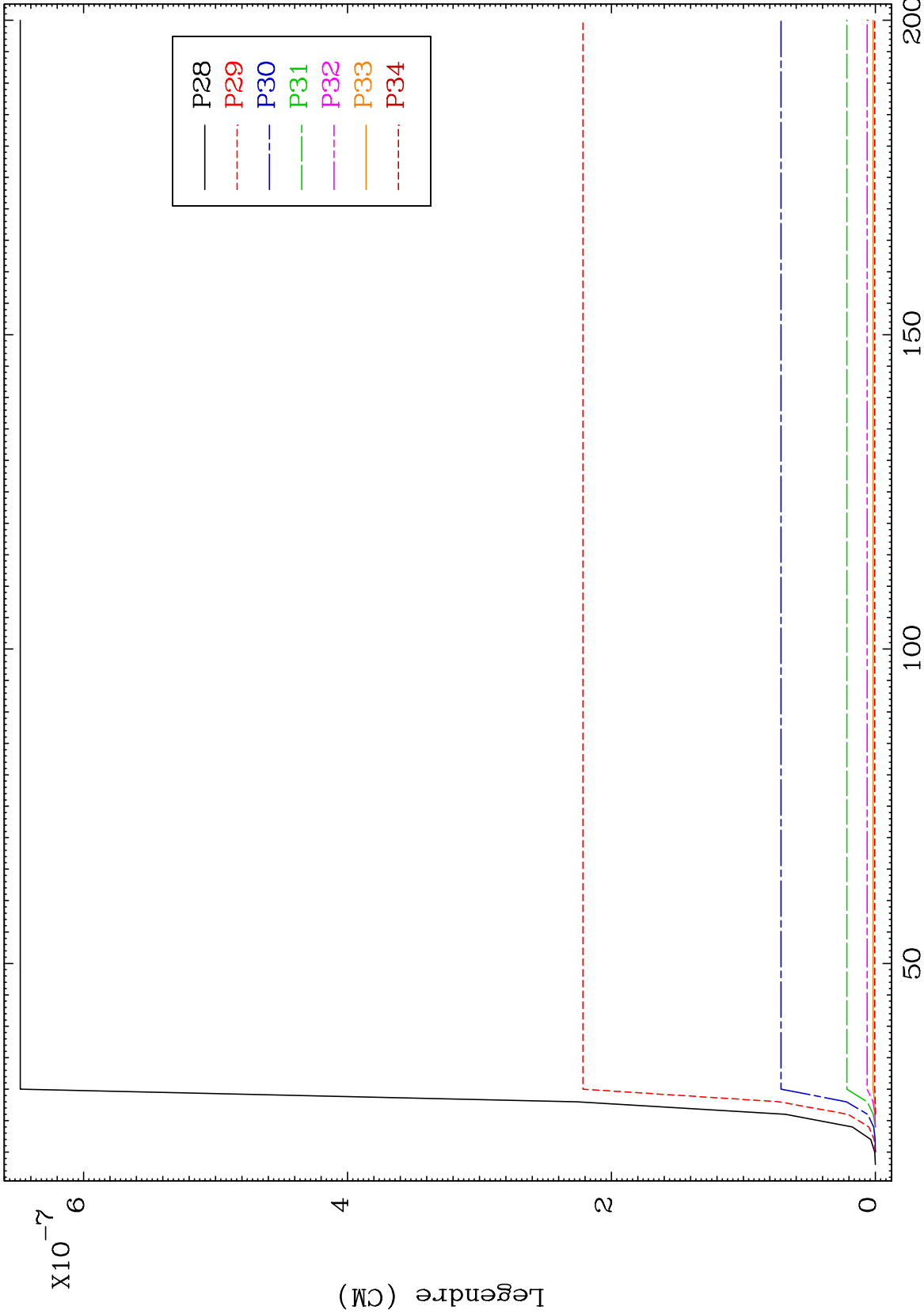
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



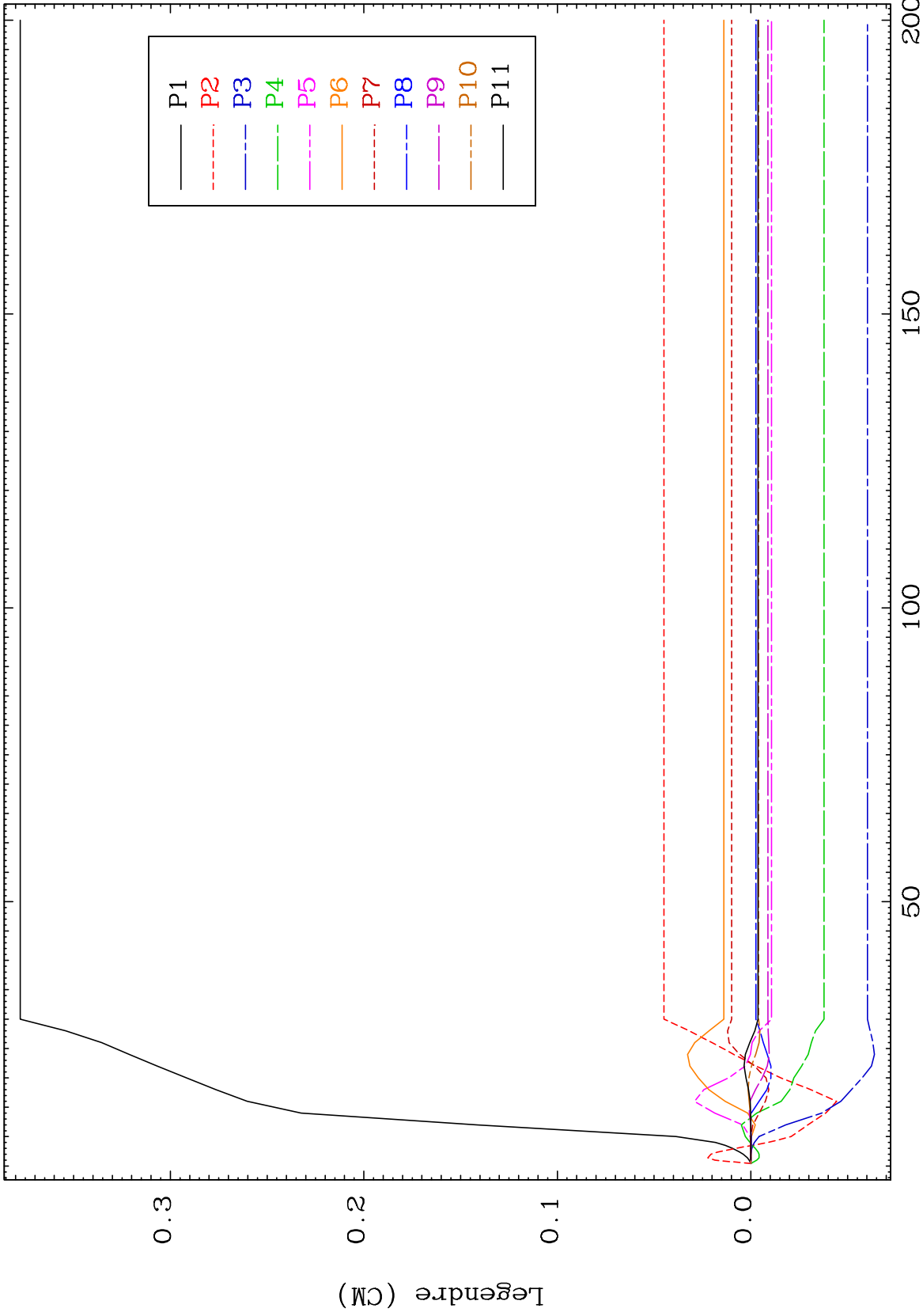
93

50-Sn-131

MAT 5082

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

50-Sn-131

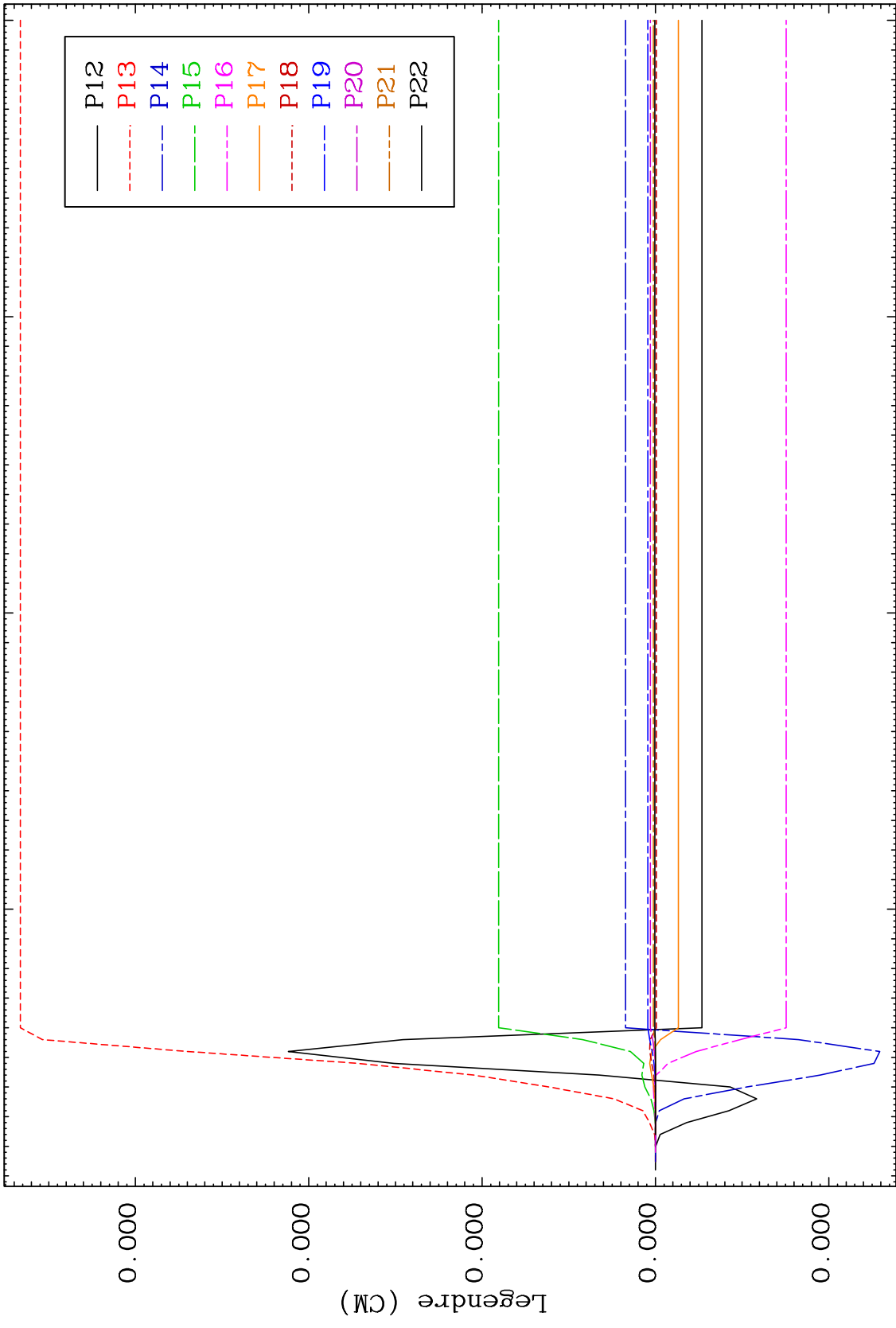


94

Incident Energy (MeV)

50-Sn-131

MAT 5082 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-131

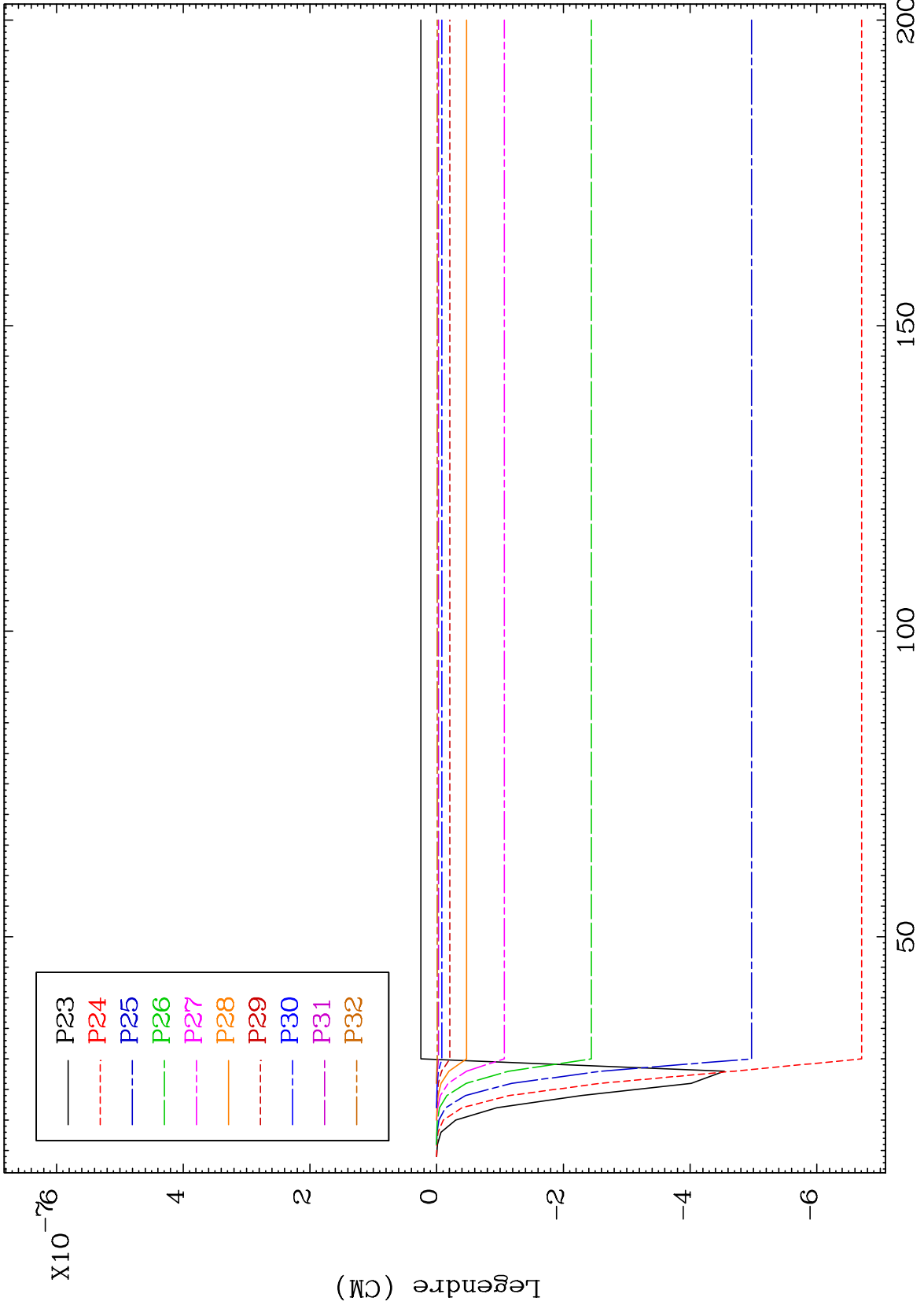


95 Incident Energy (MeV) 50-Sn-131

MAT 5082

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

50-Sn-131



96

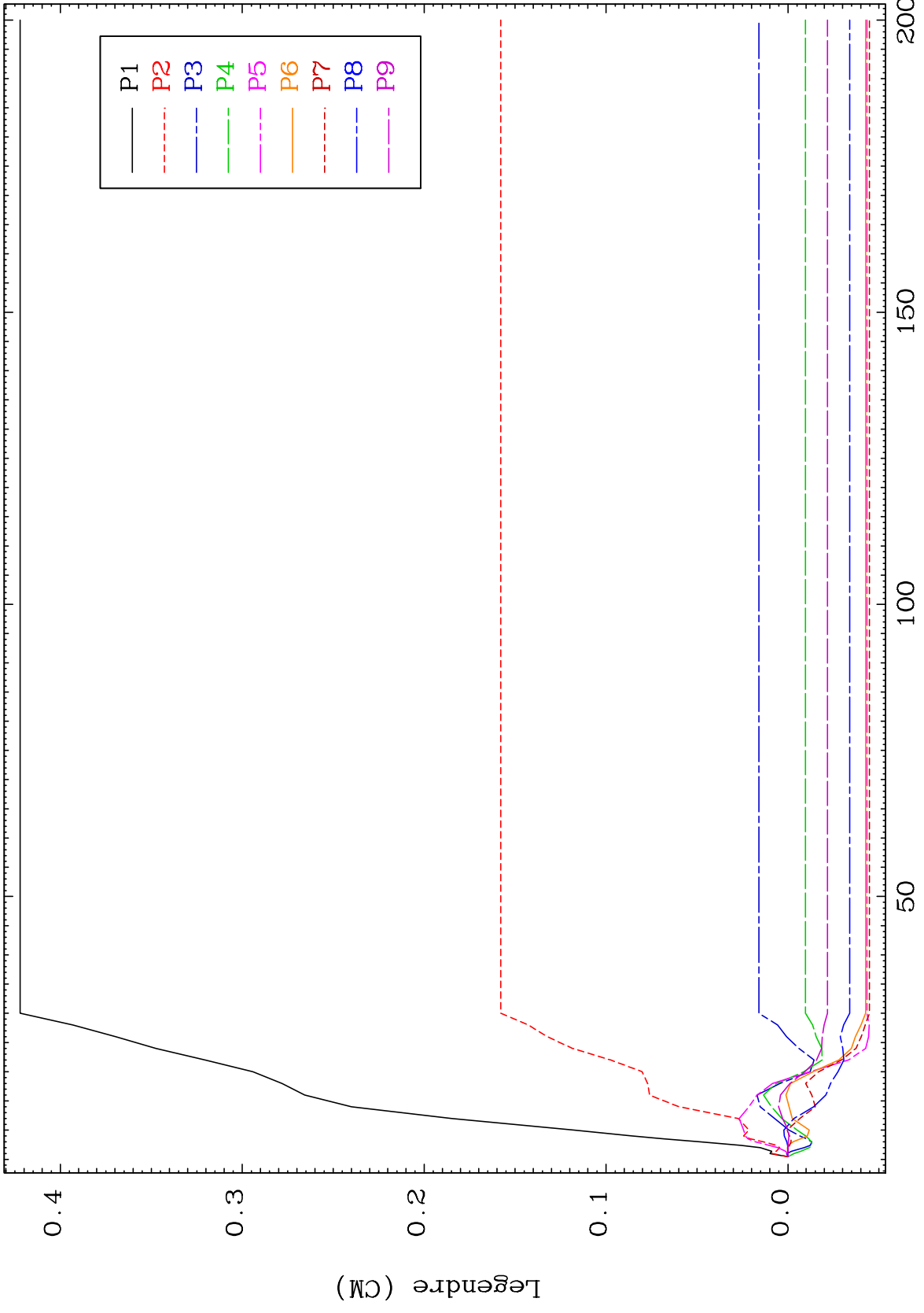
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



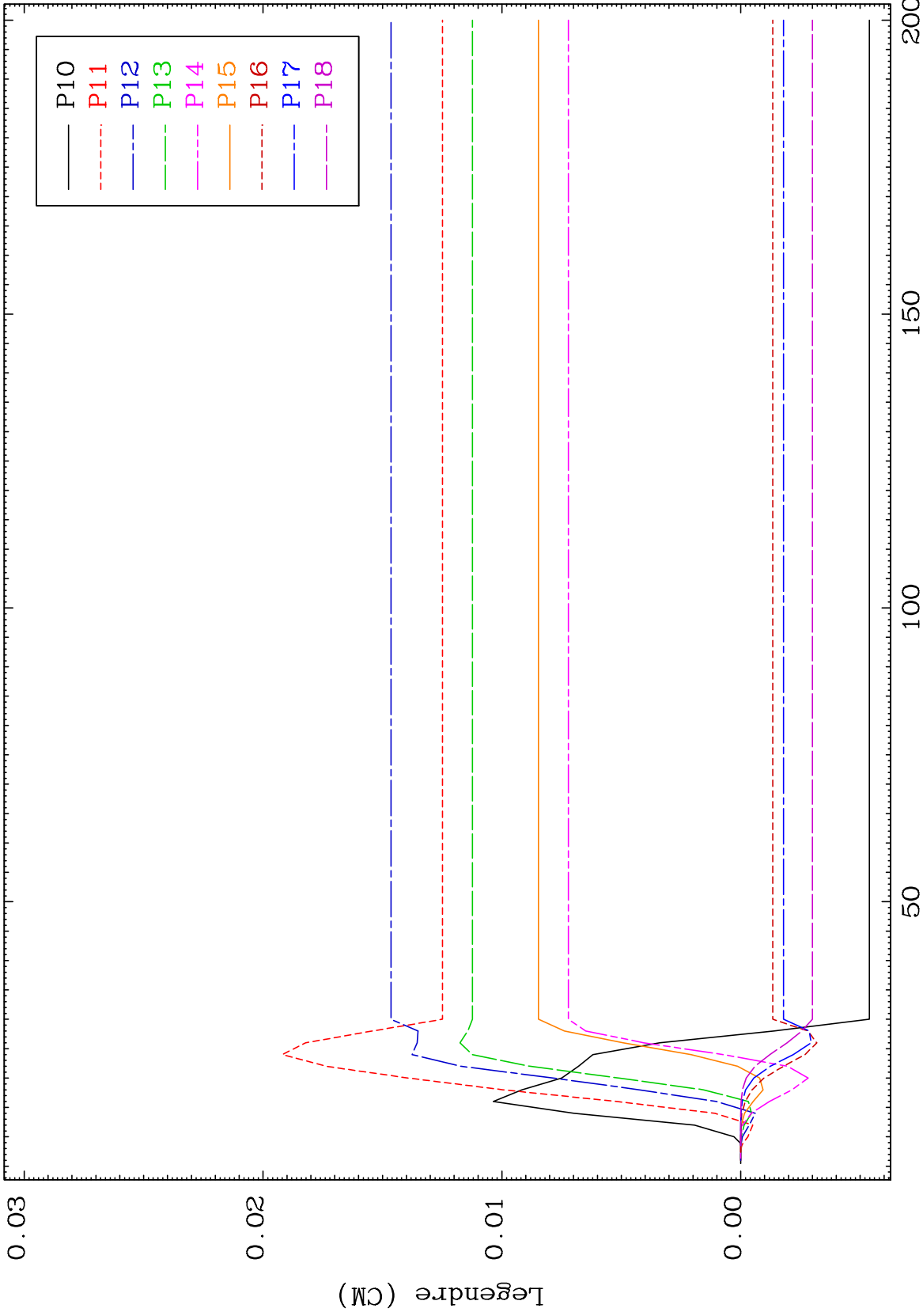
97

50-Sn-131

MAT 5082

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

50-Sn-131

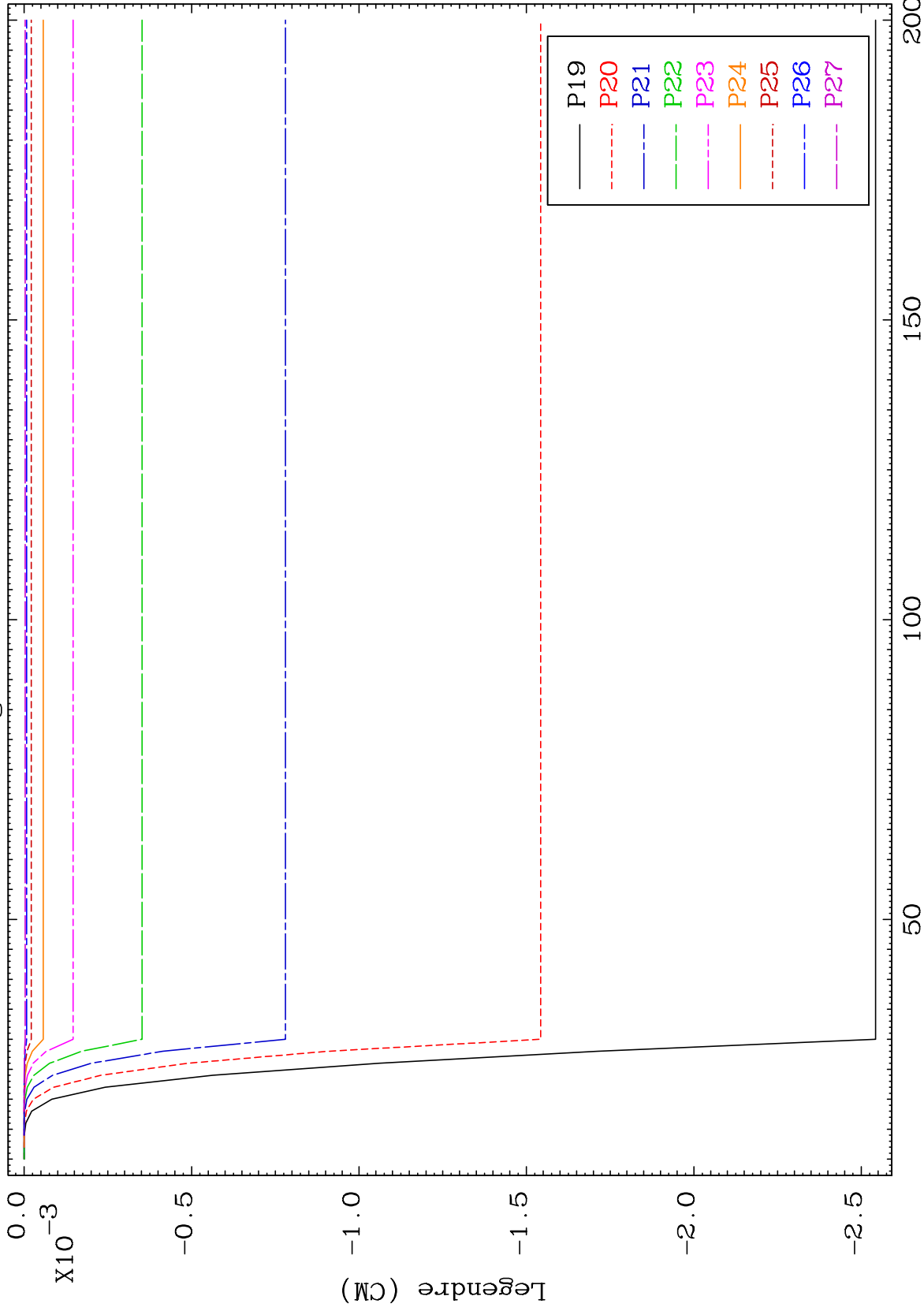


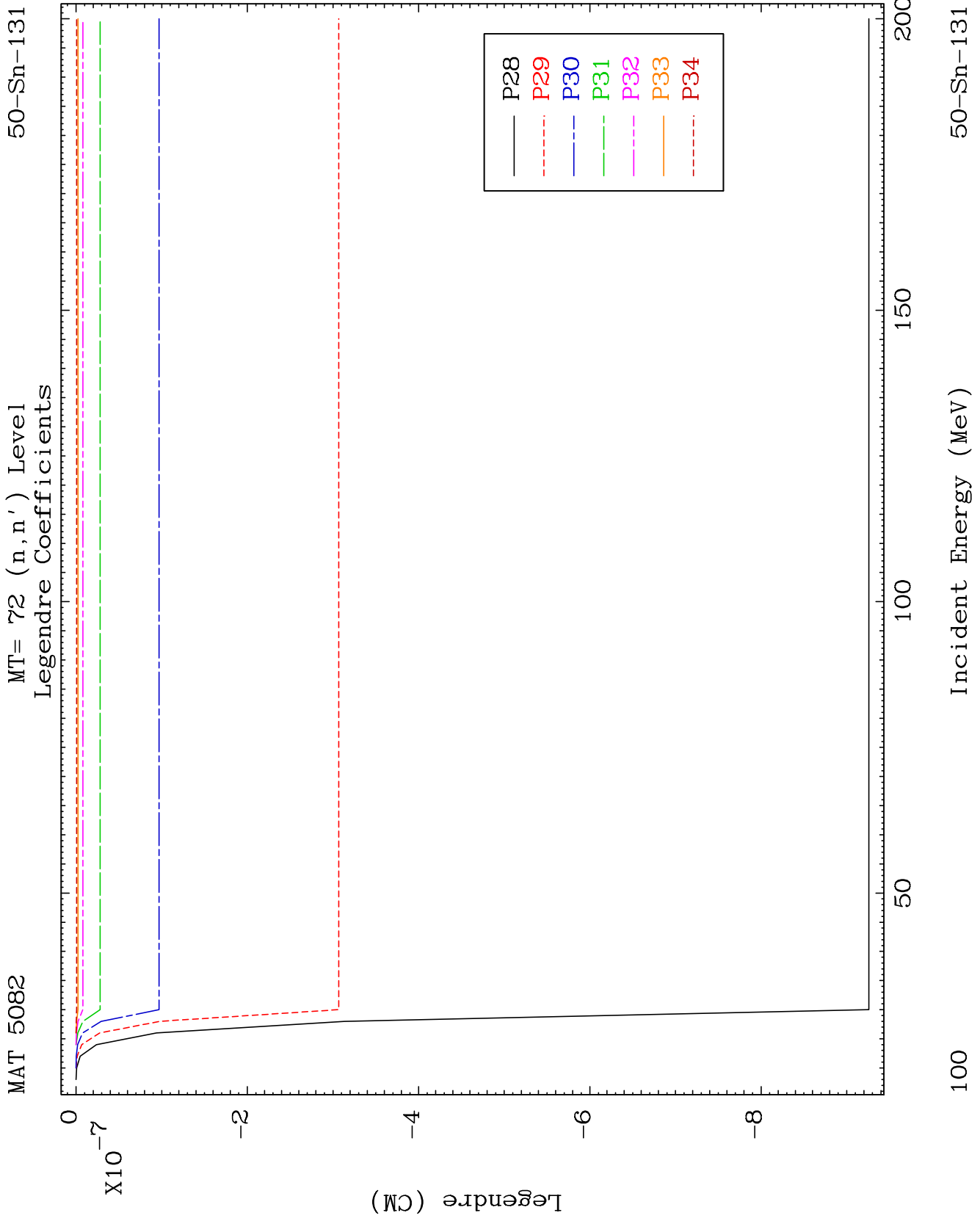
98

Incident Energy (MeV)

50-Sn-131

Legendre Coefficients

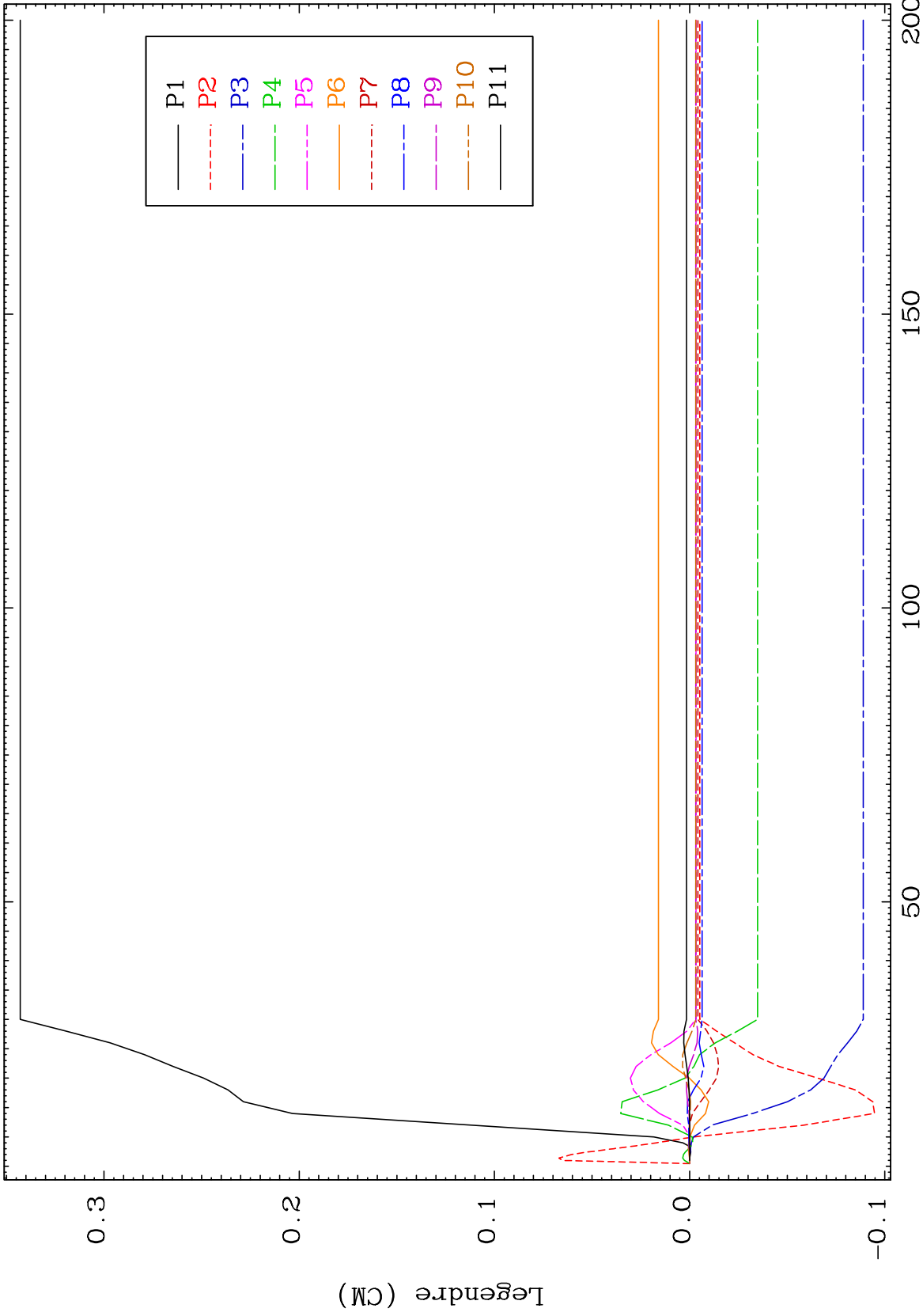




MAT 5082

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

50-Sn-131



101

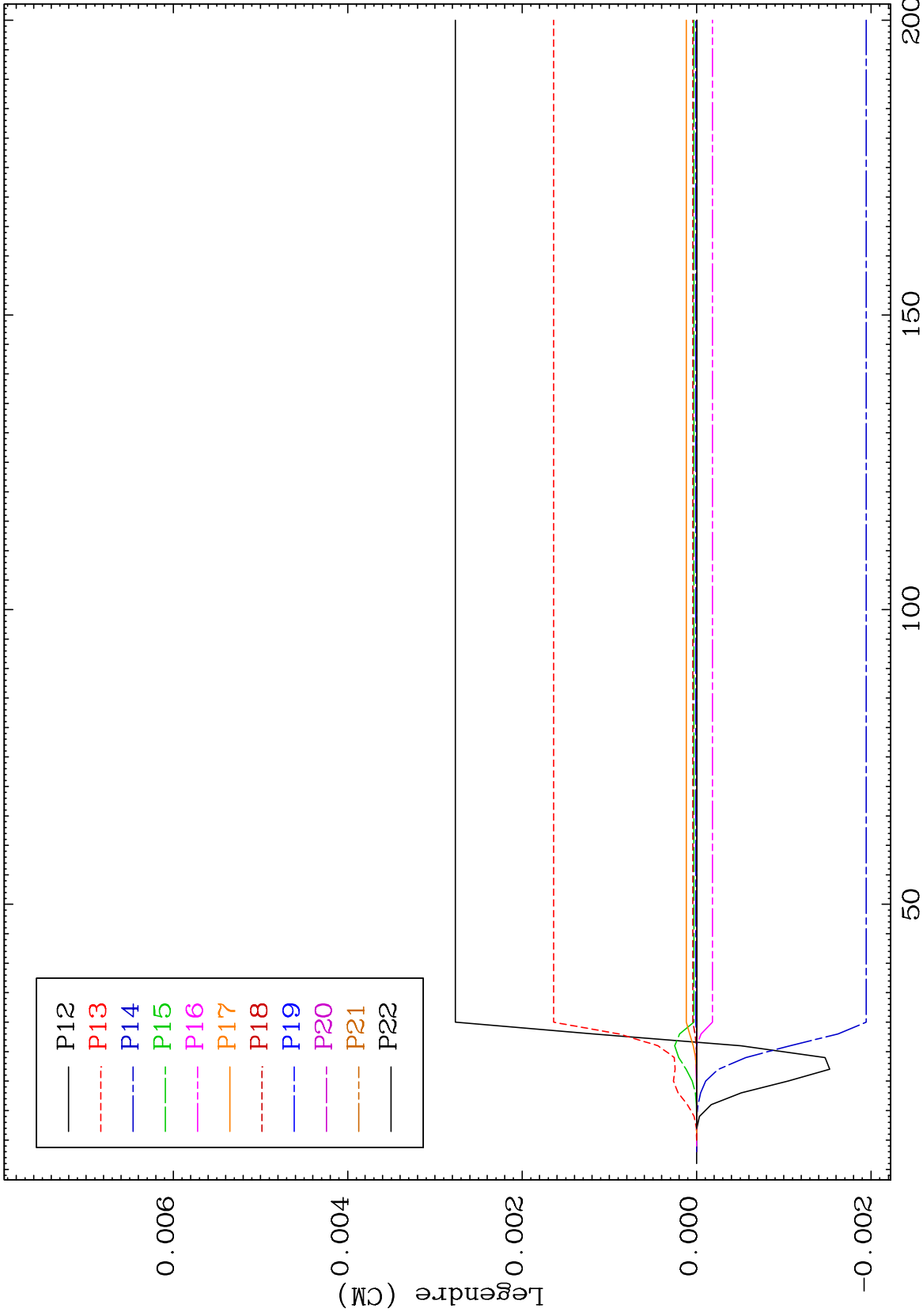
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

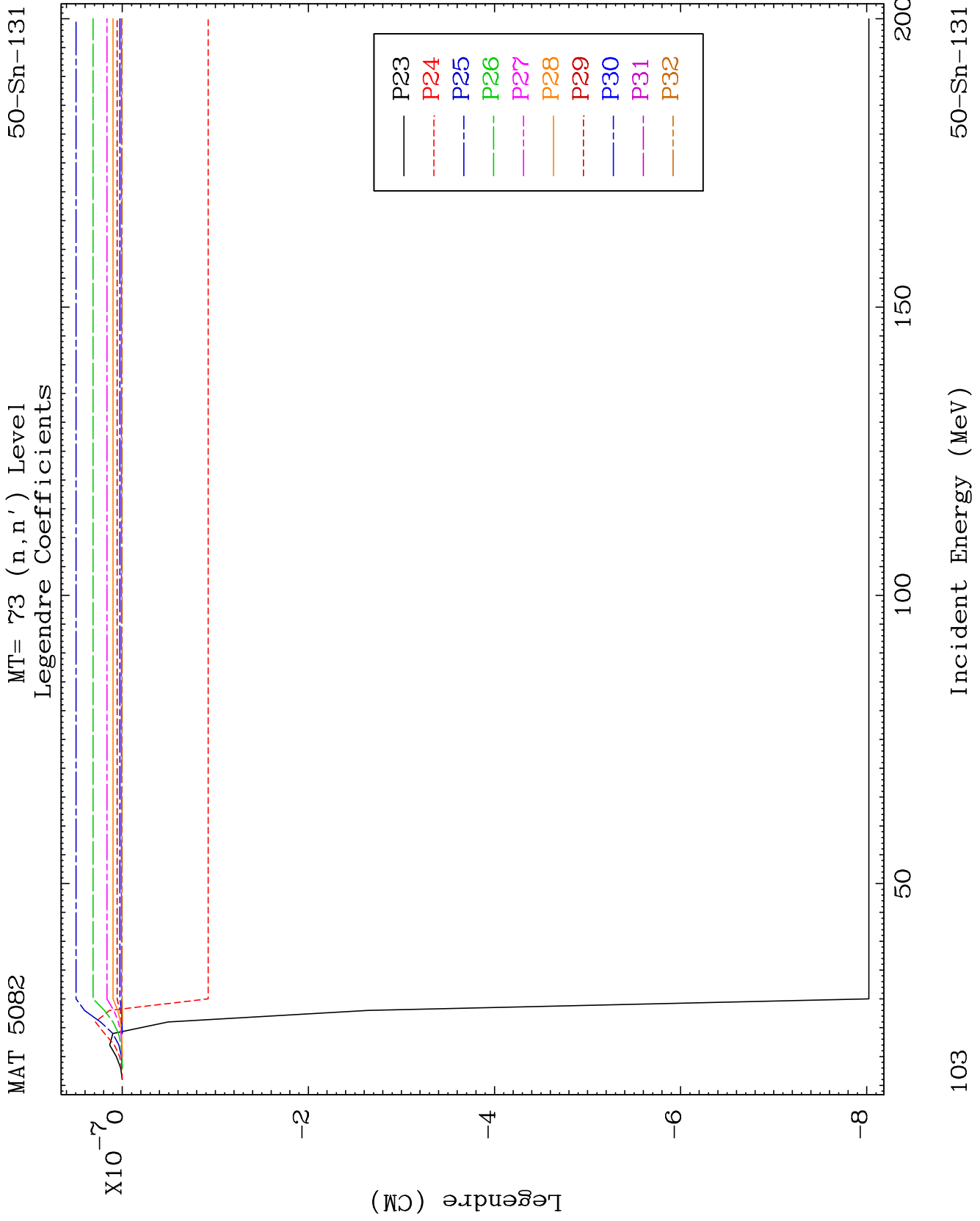
50-Sn-131



102

Incident Energy (MeV)

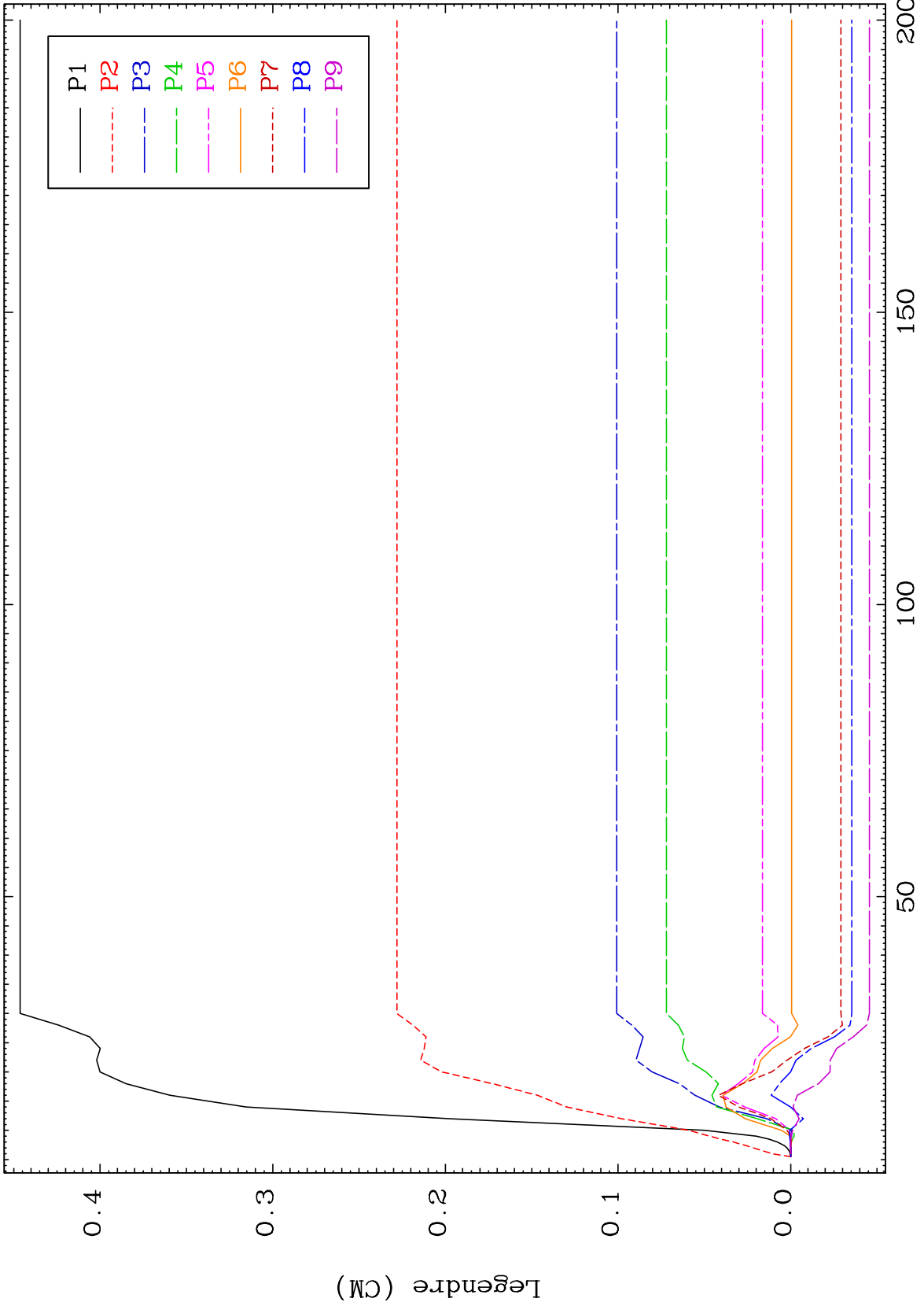
50-Sn-131



MAT 5082

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

50-Sn-131



104

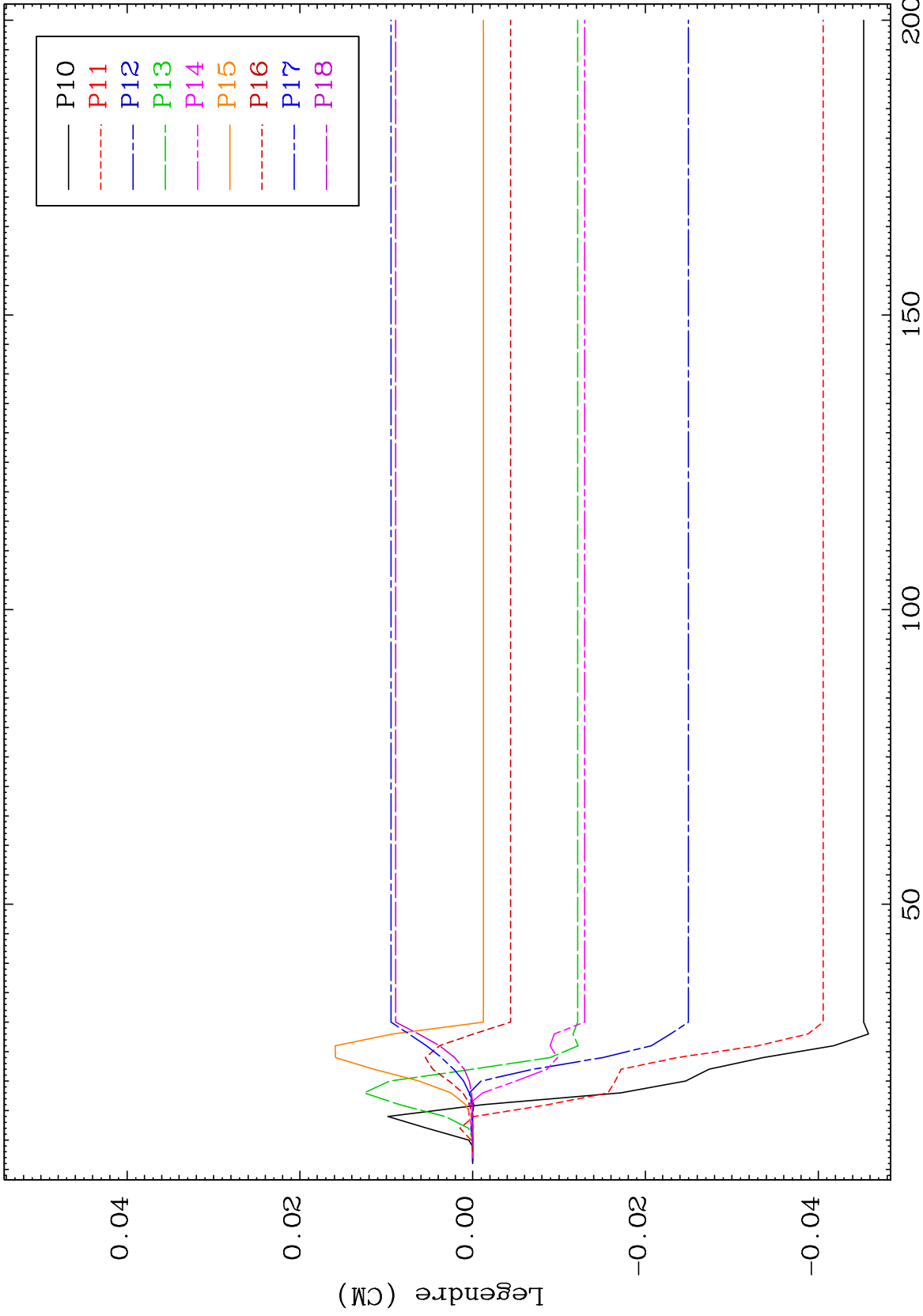
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



105

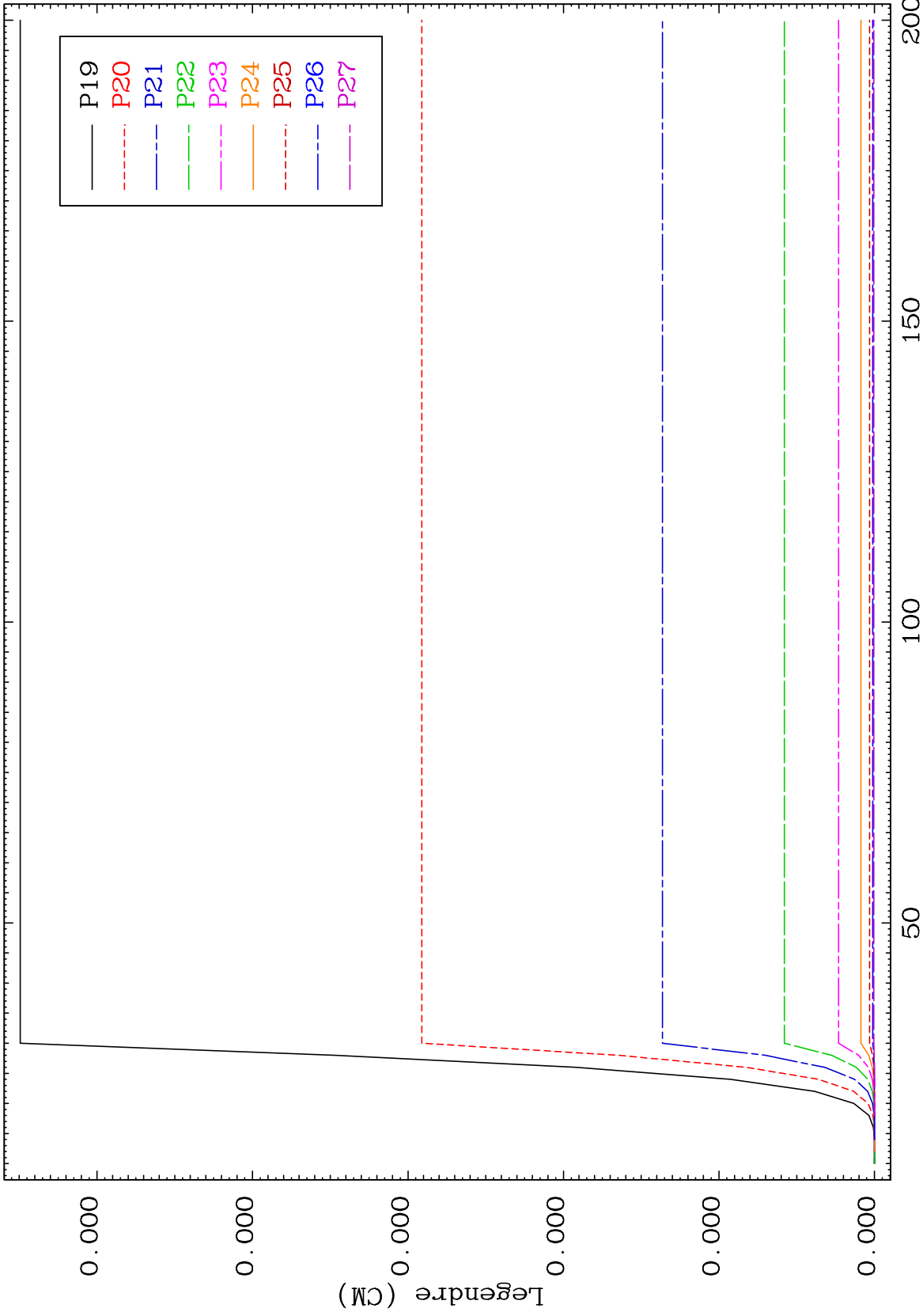
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



106

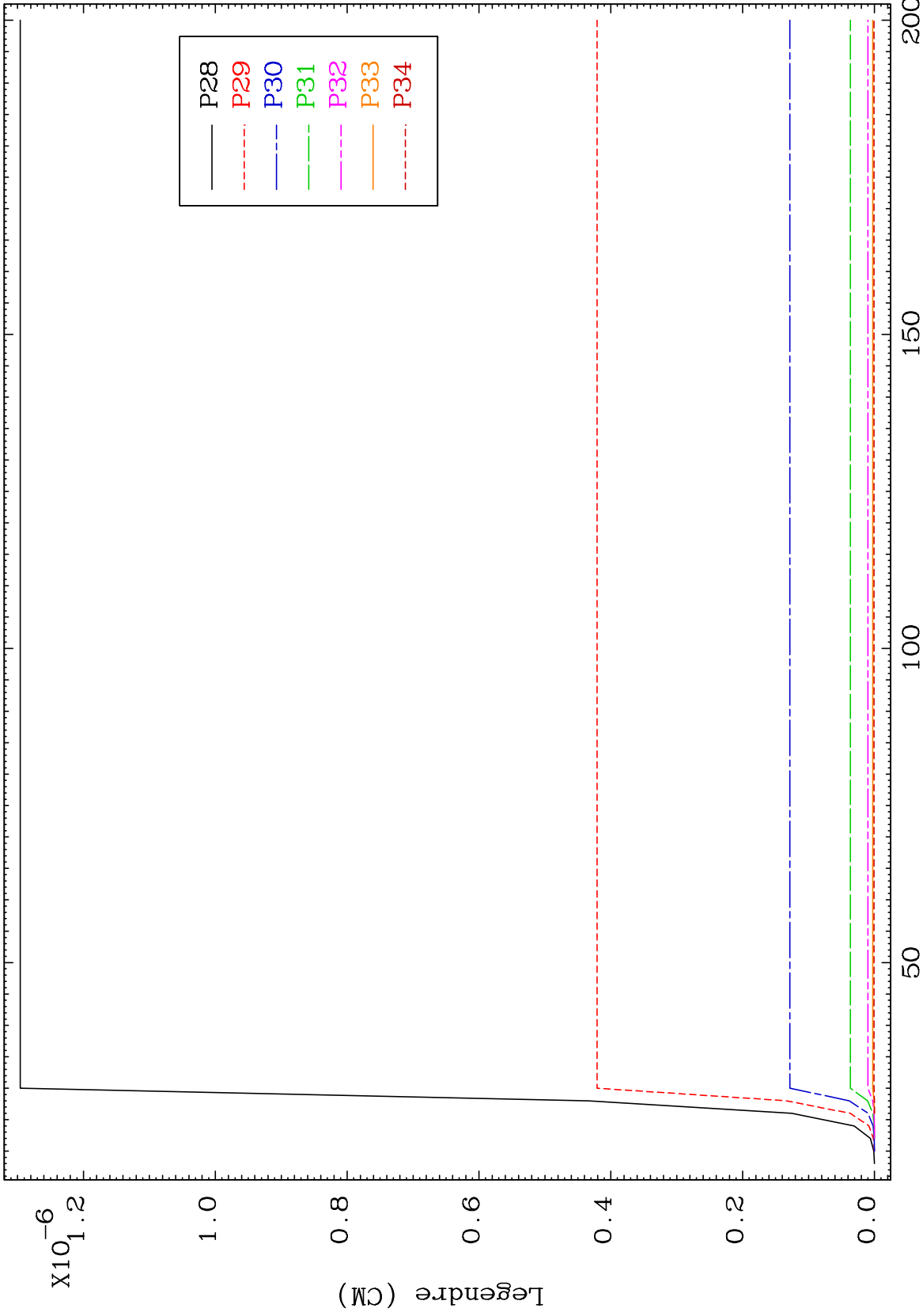
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



107

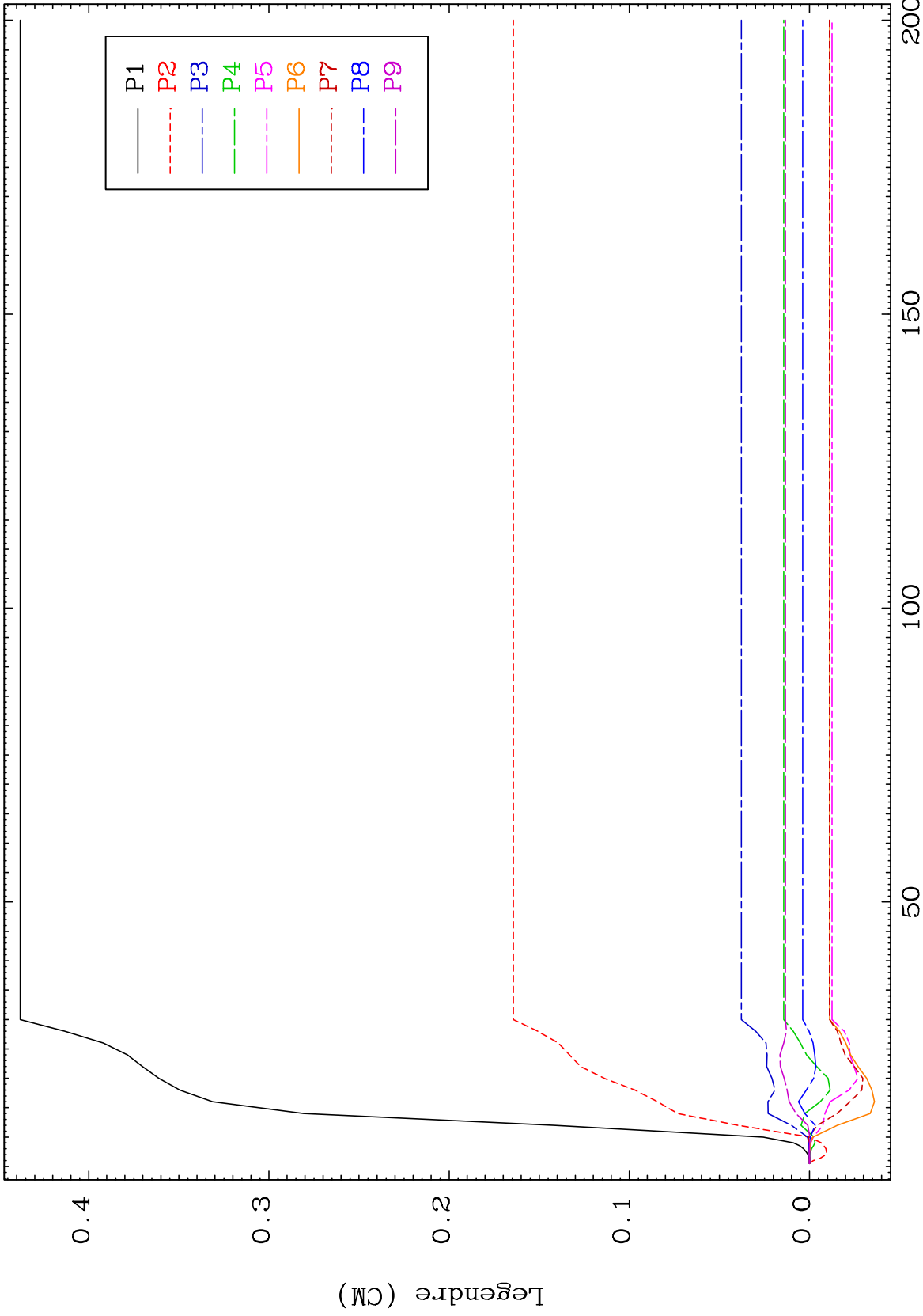
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



108

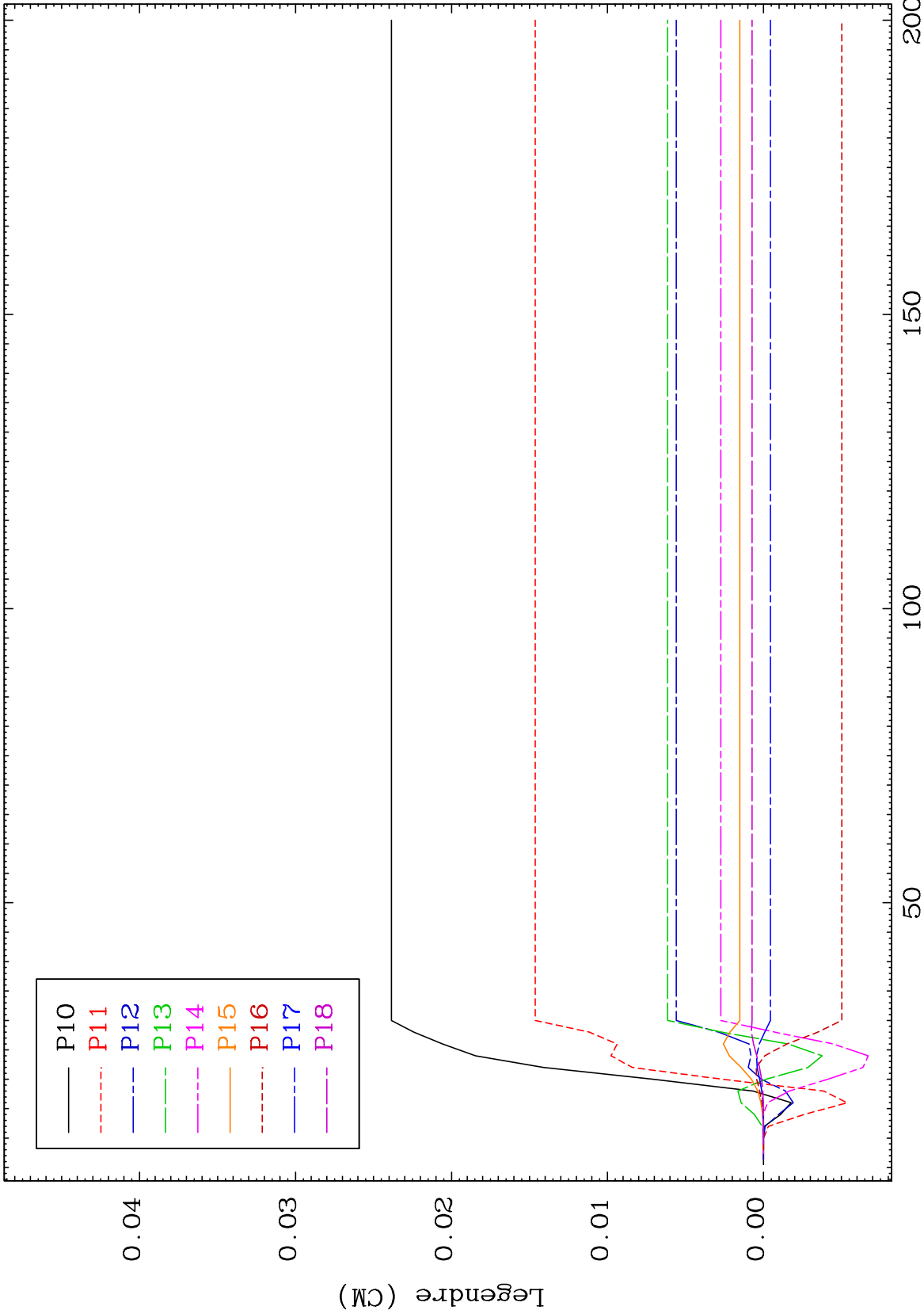
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



109

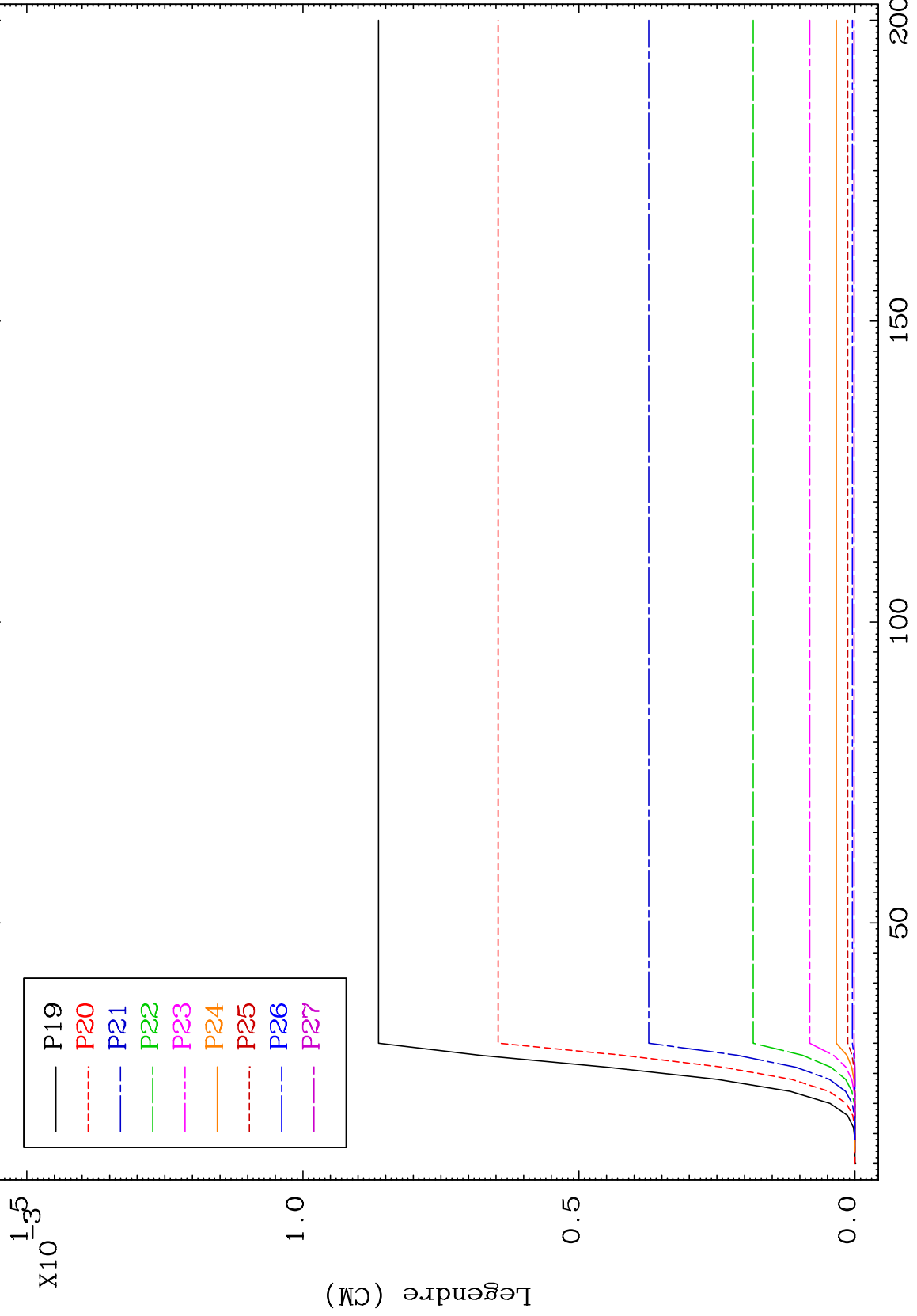
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



110

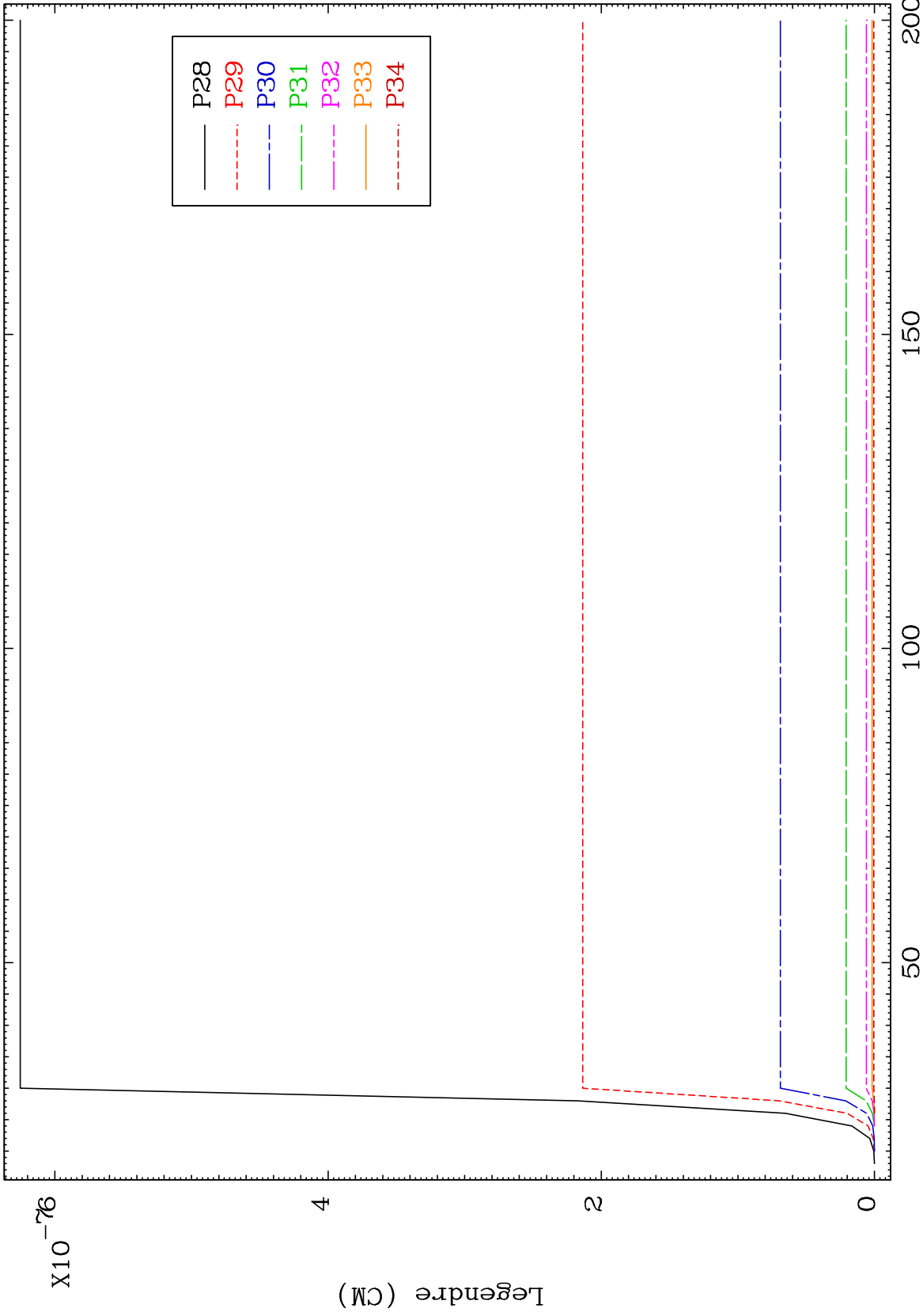
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



111

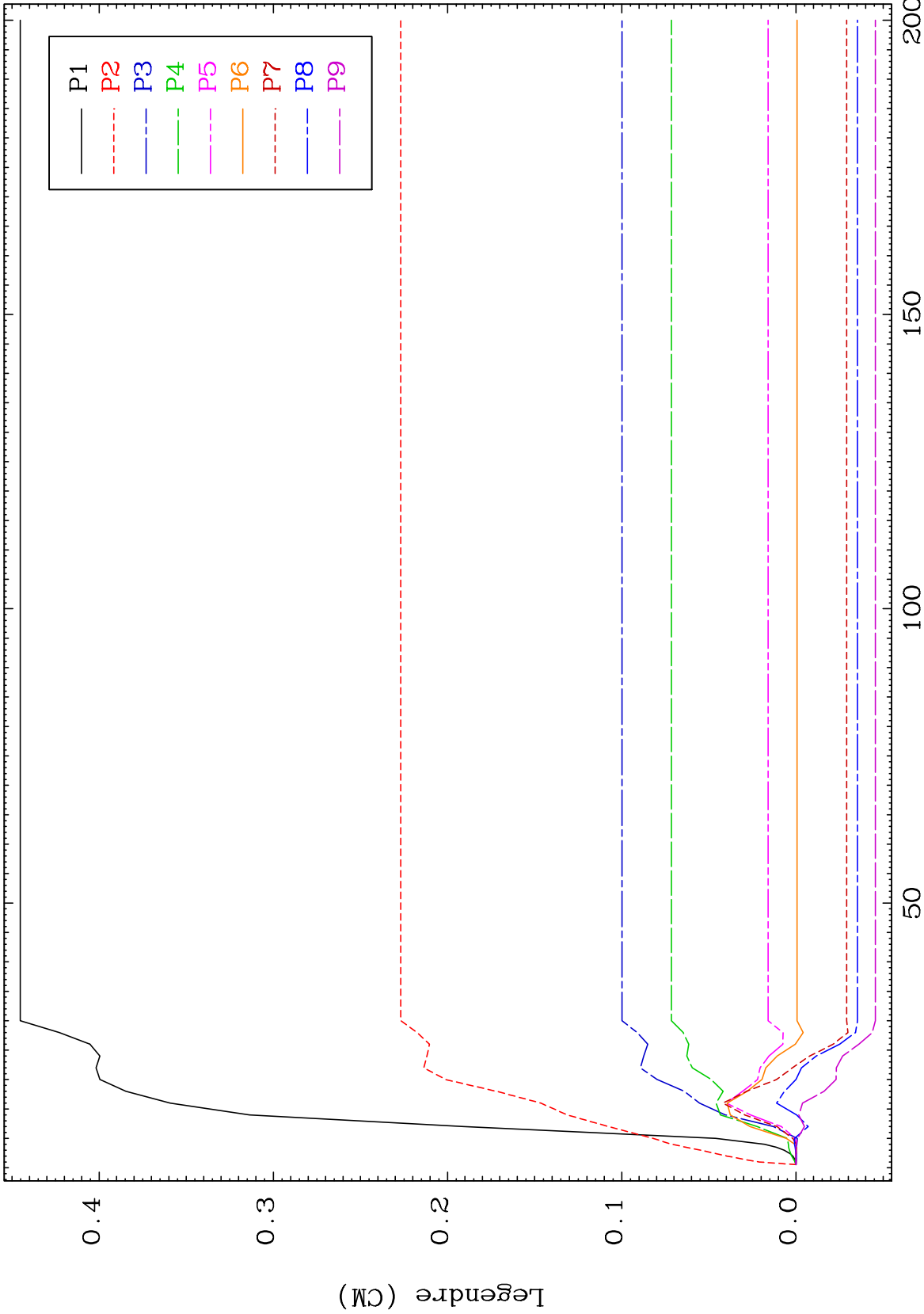
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



112

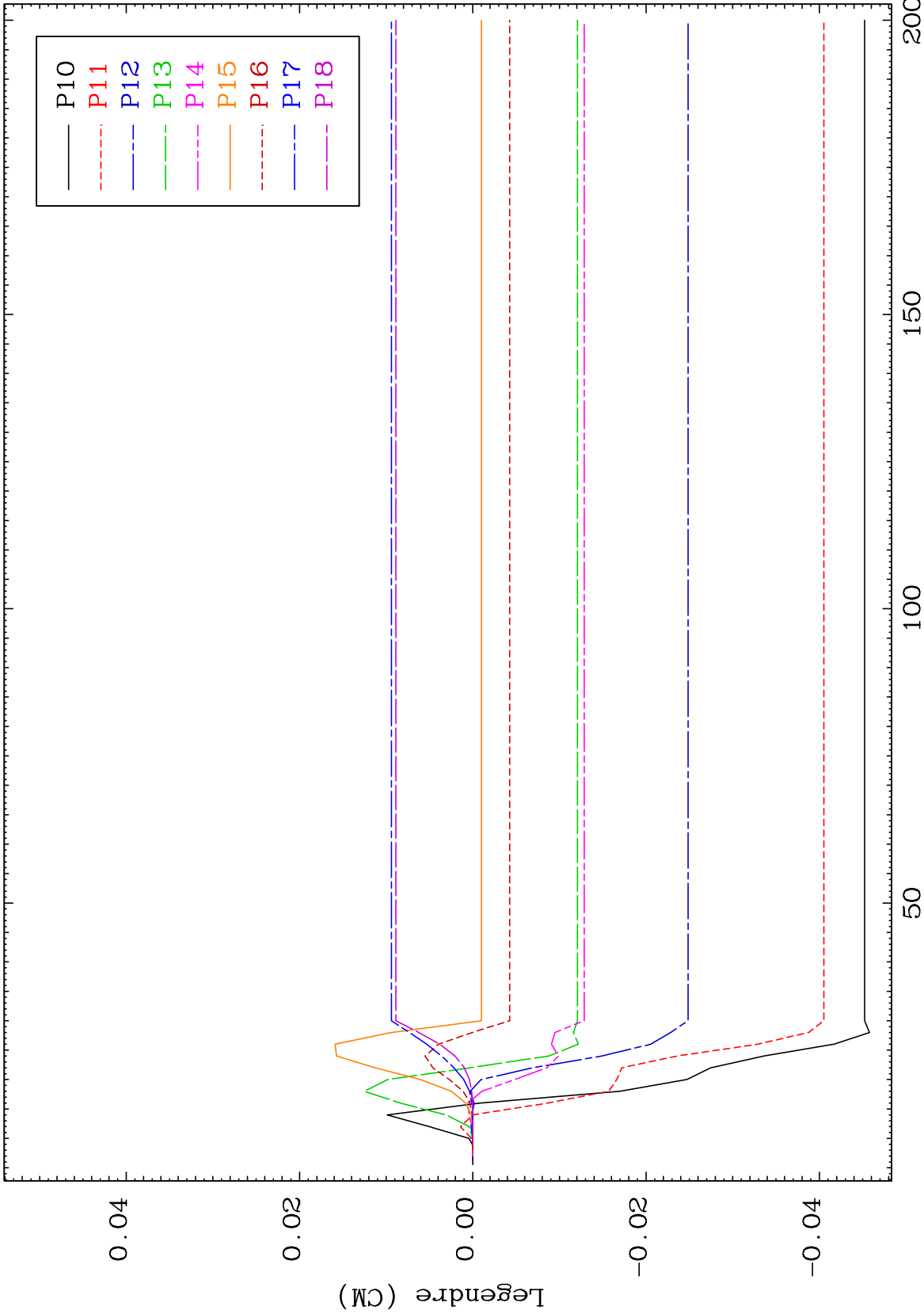
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



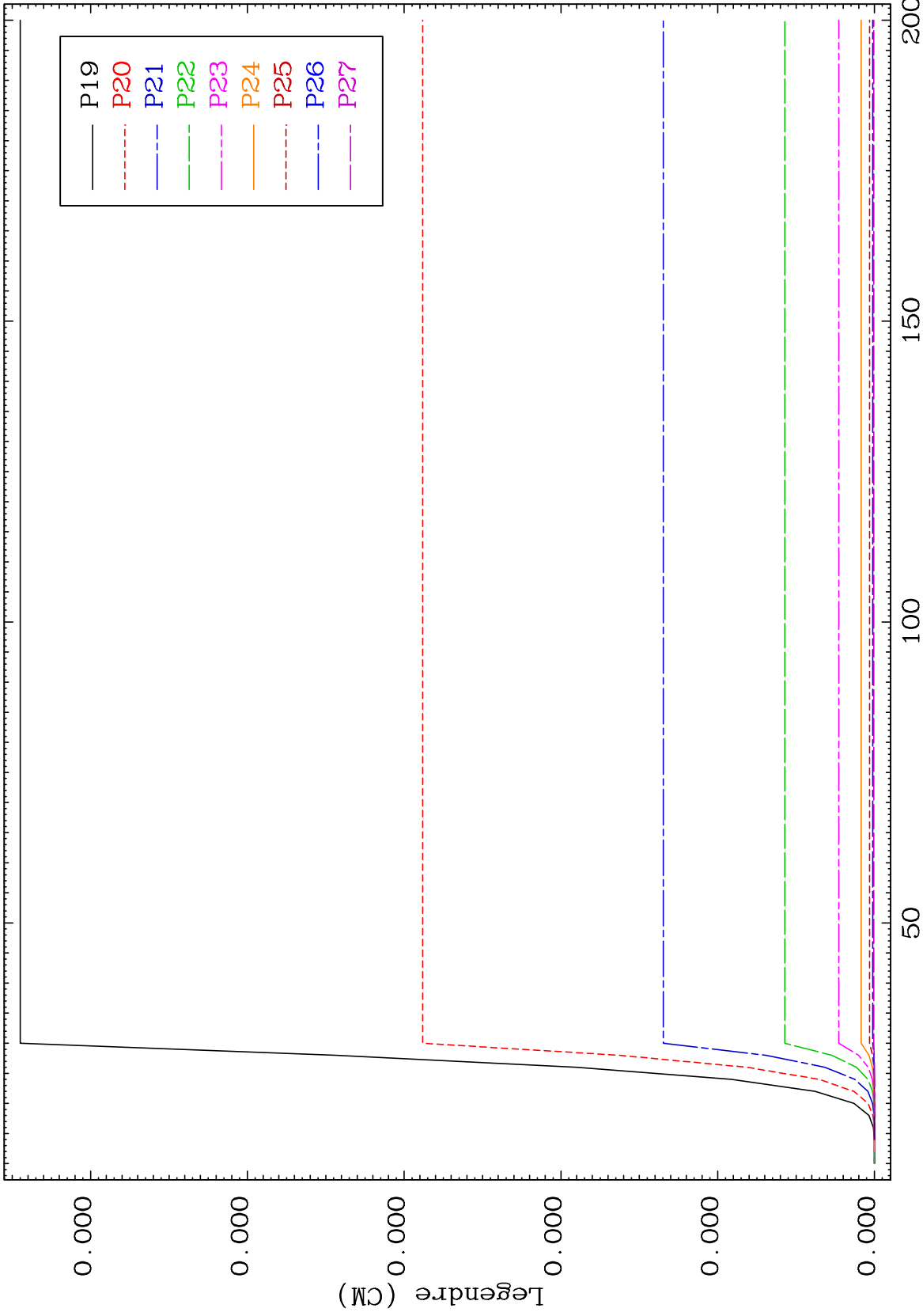
113

50-Sn-131

MAT 5082

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

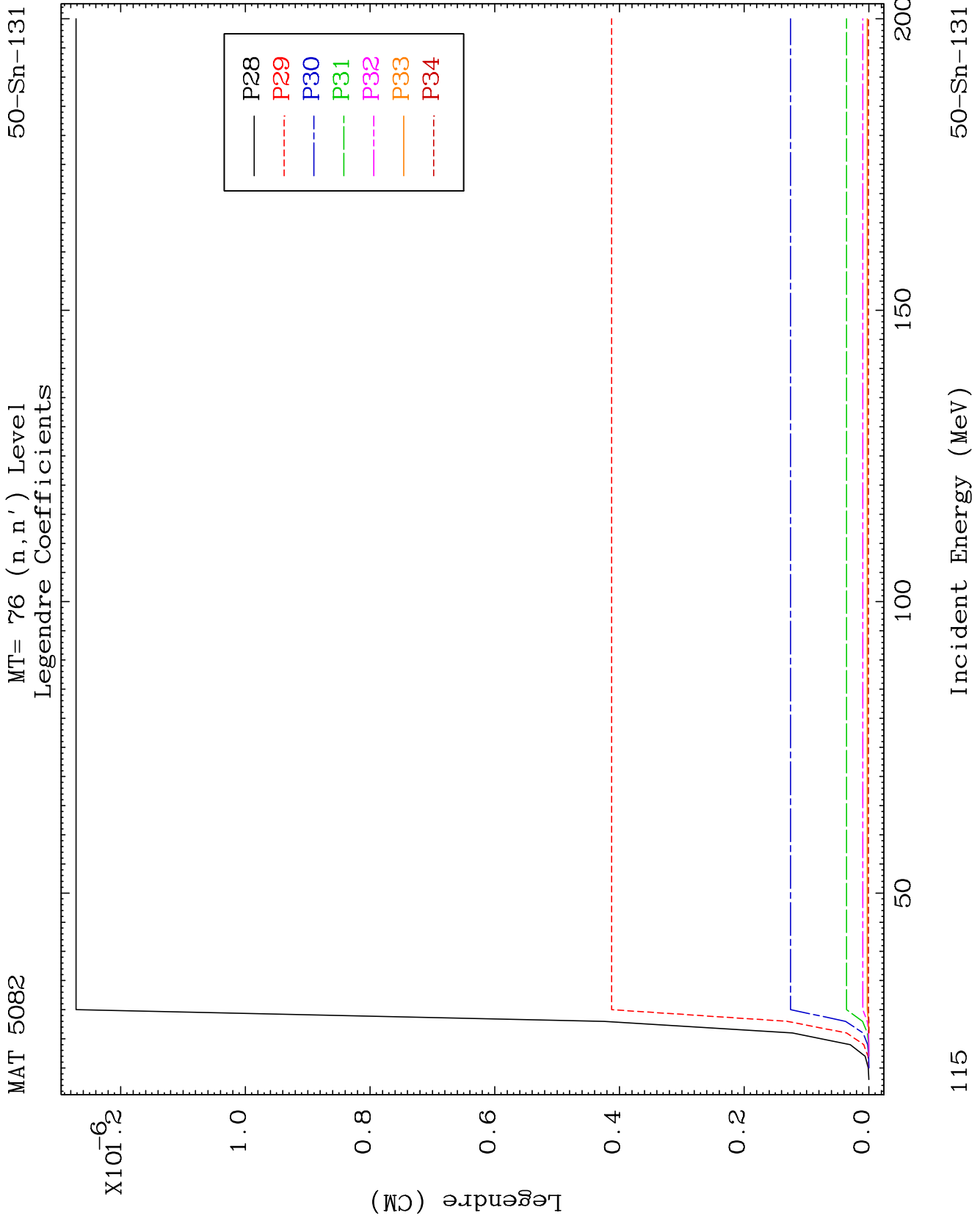
50-Sn-131

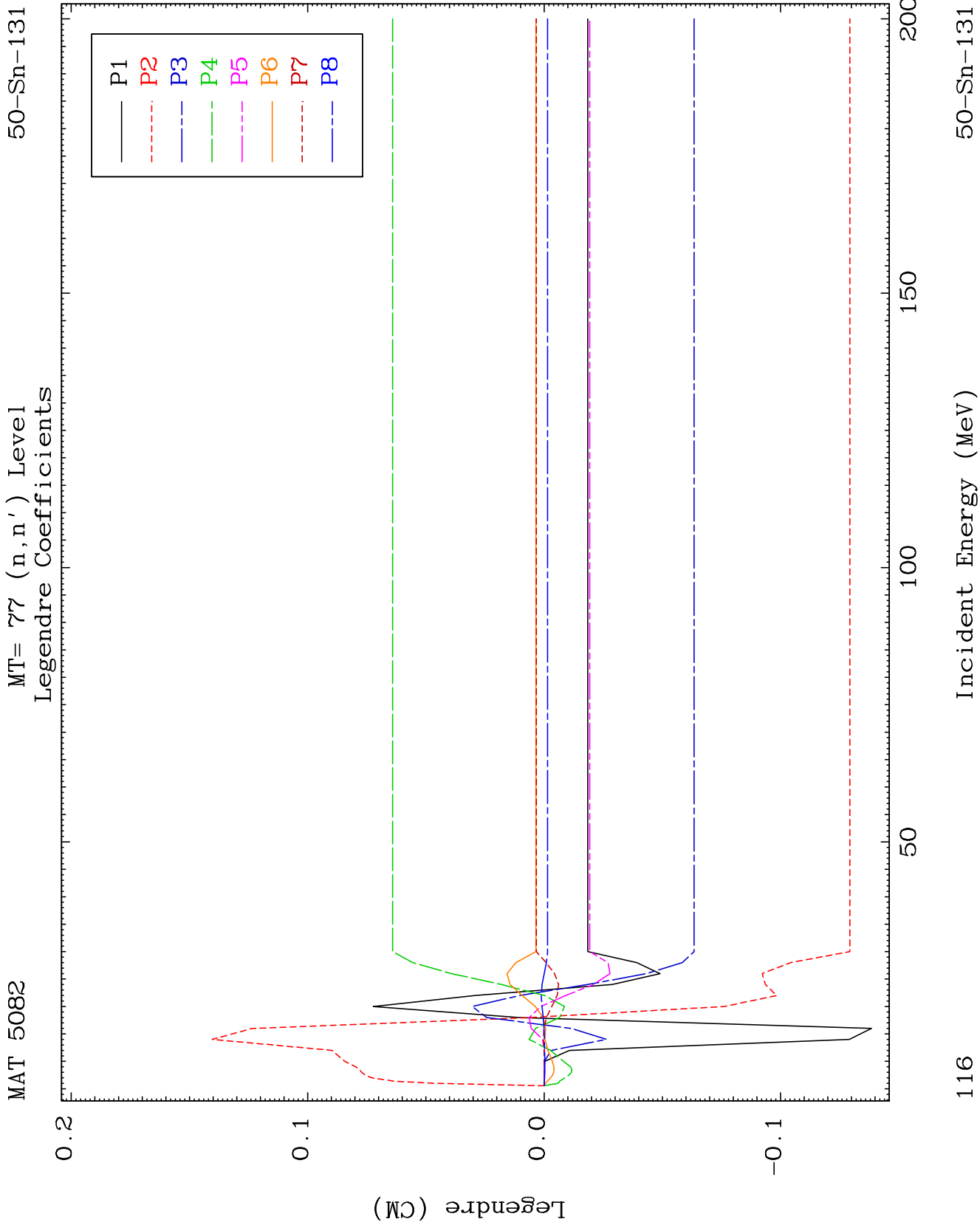


114

Incident Energy (MeV)

50-Sn-131

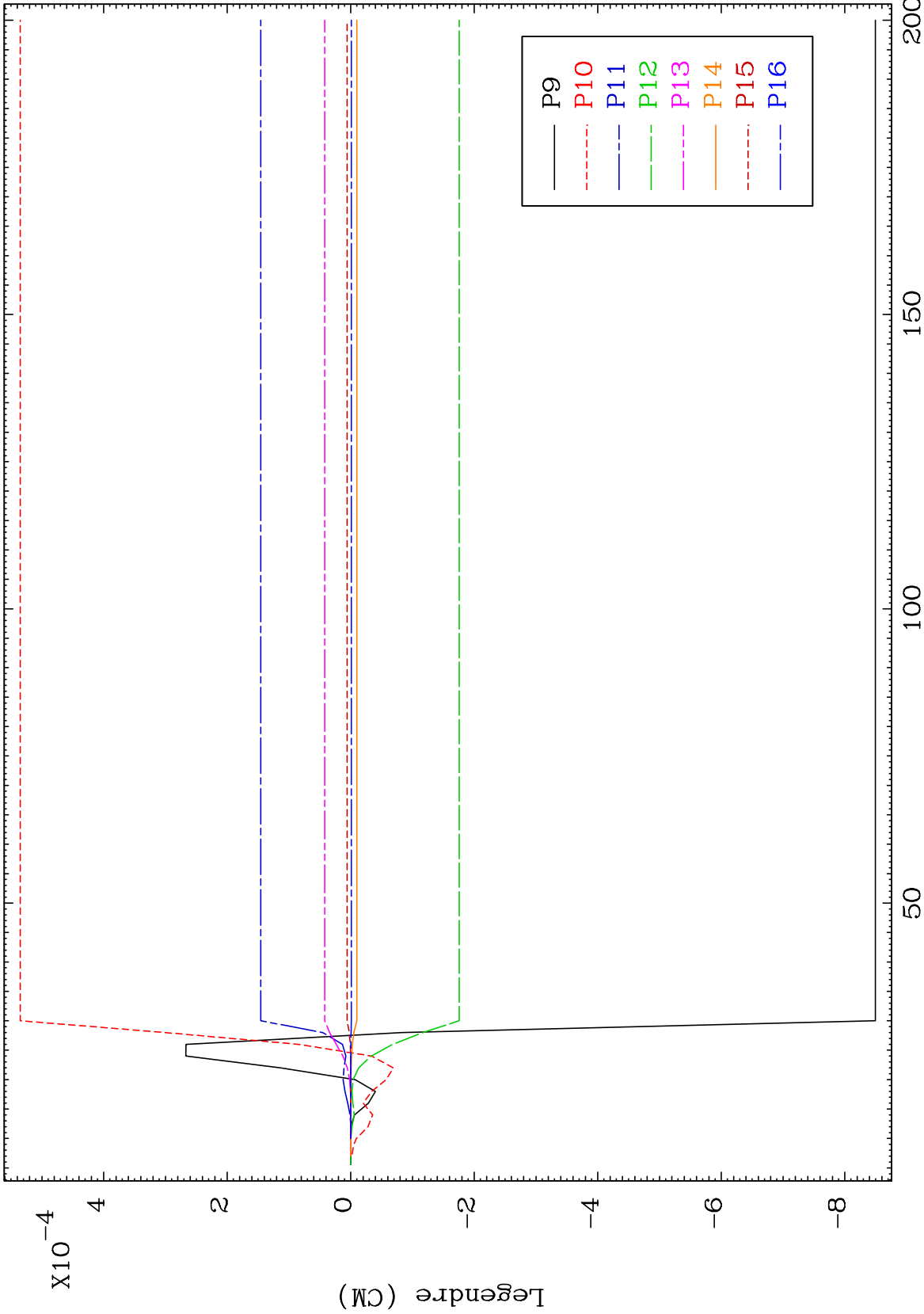


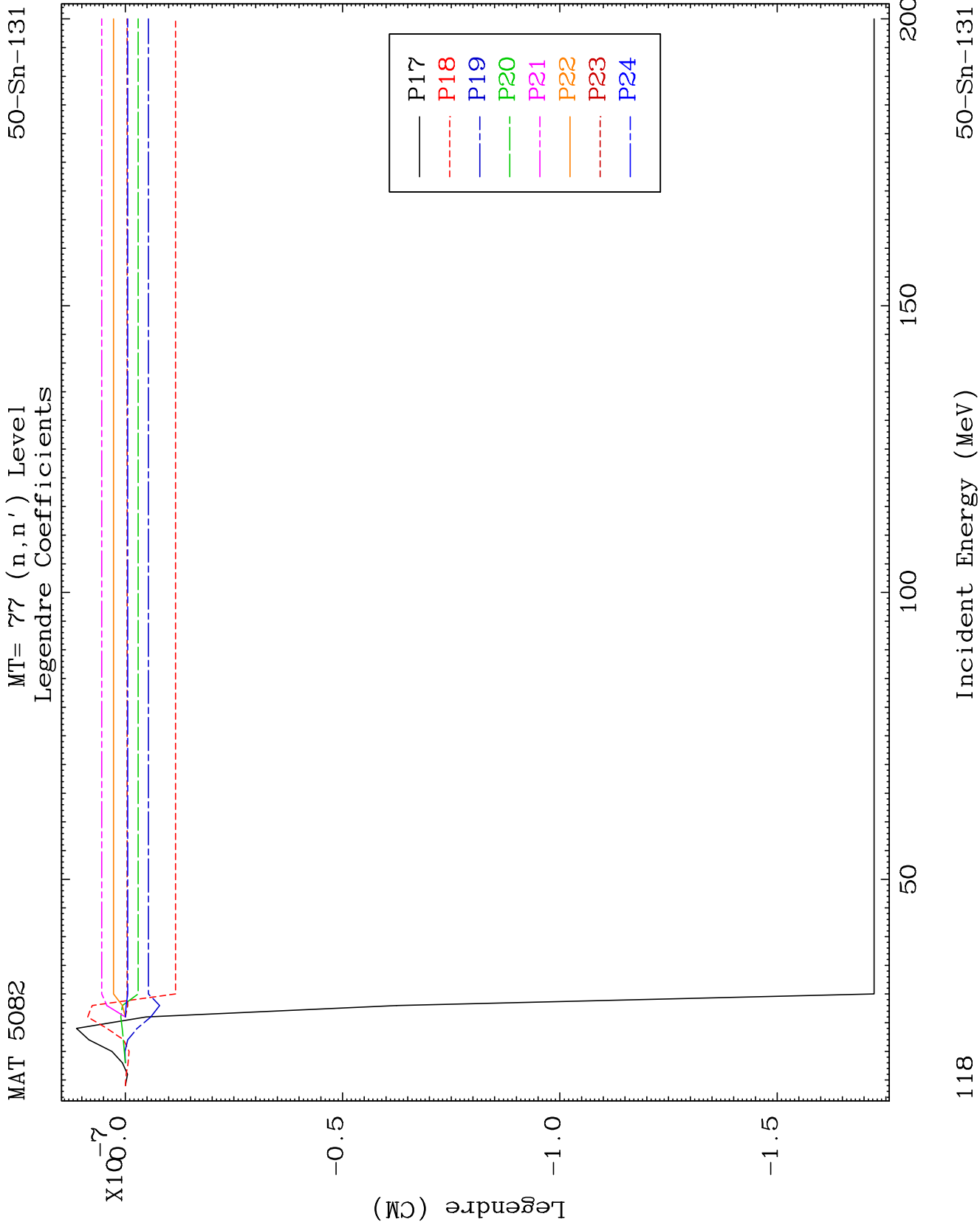


MAT 5082

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

50-Sn-131

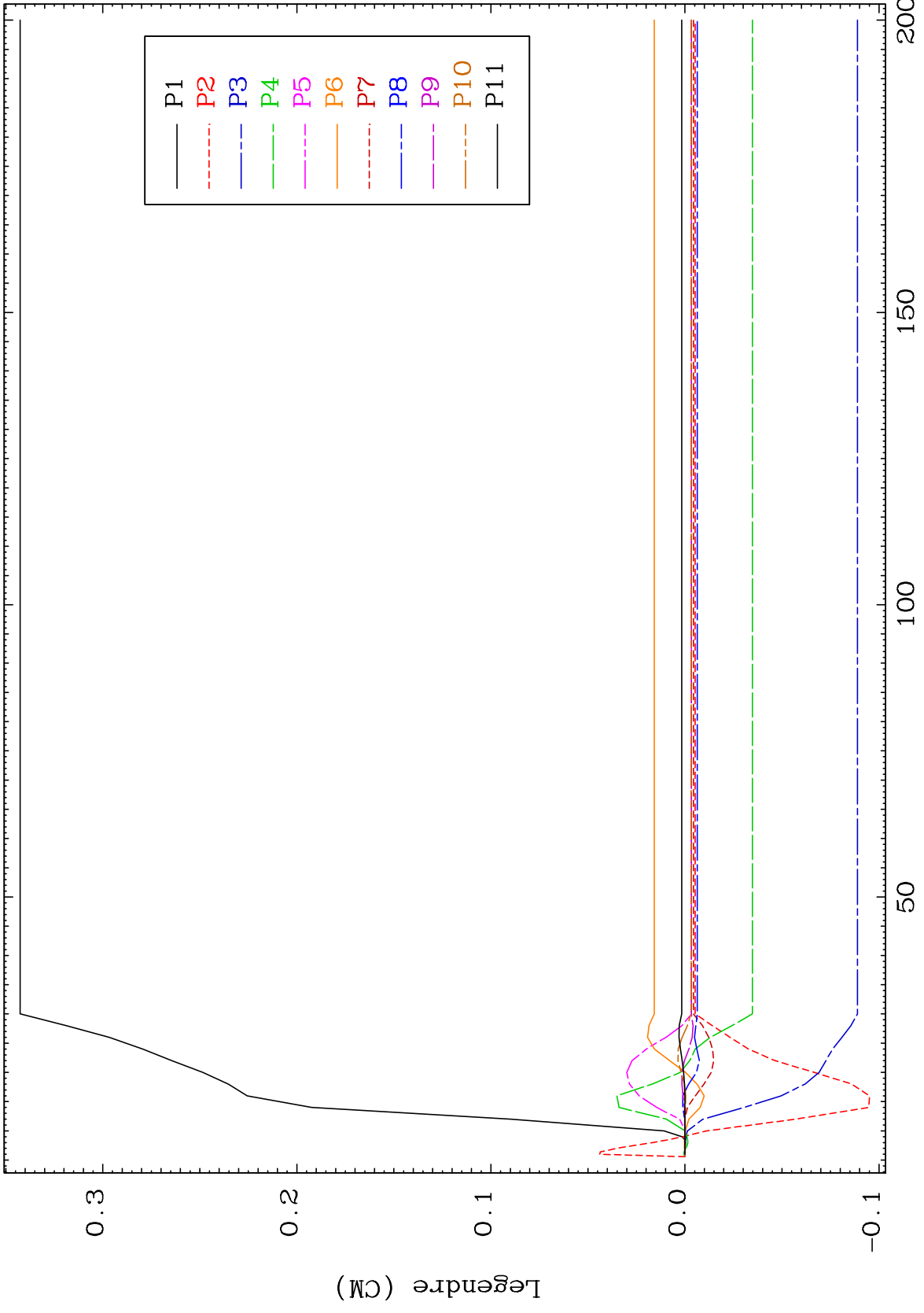




MAT 5082

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

50-Sn-131



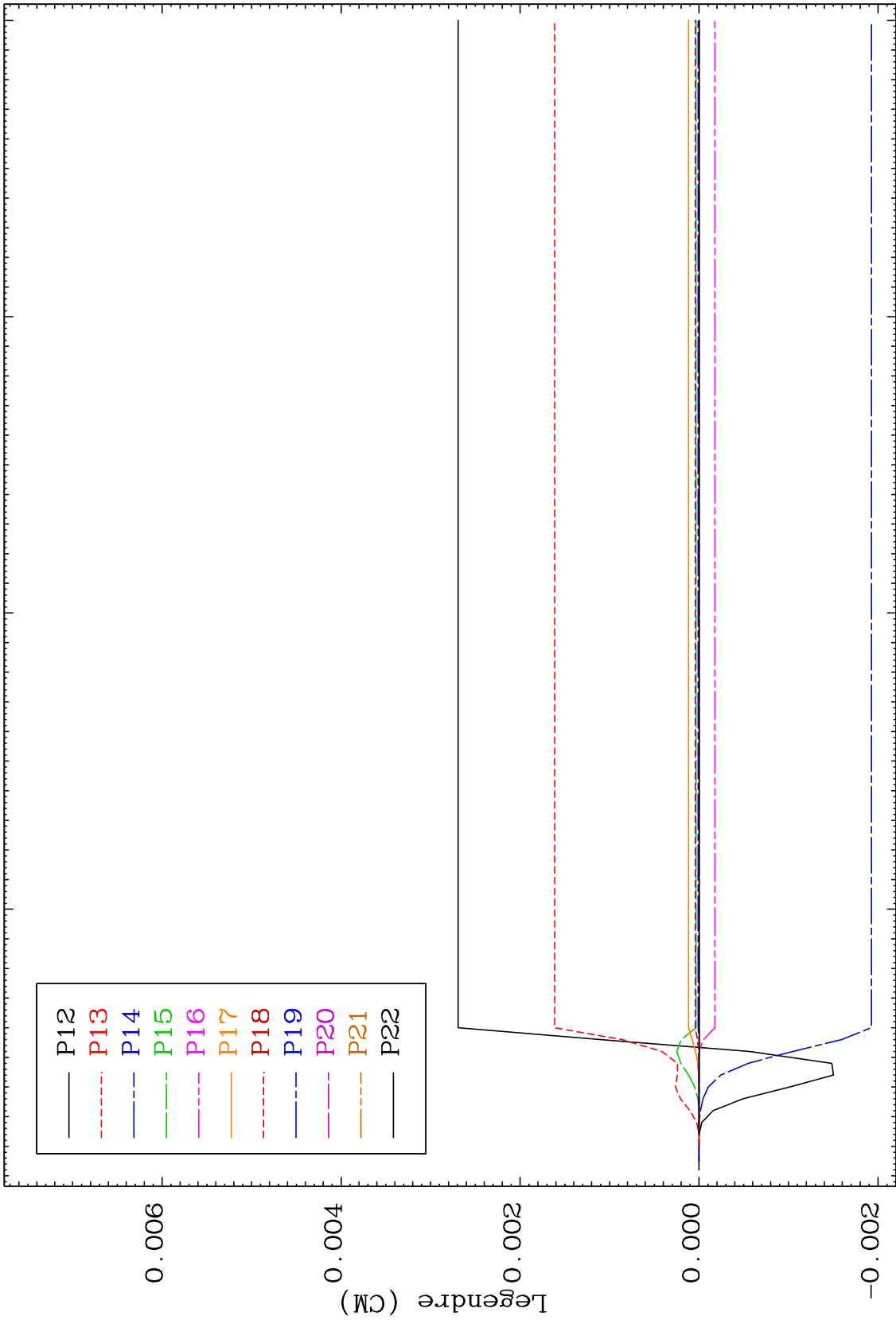
119

50-Sn-131

MAT 5082

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

50-Sn-131

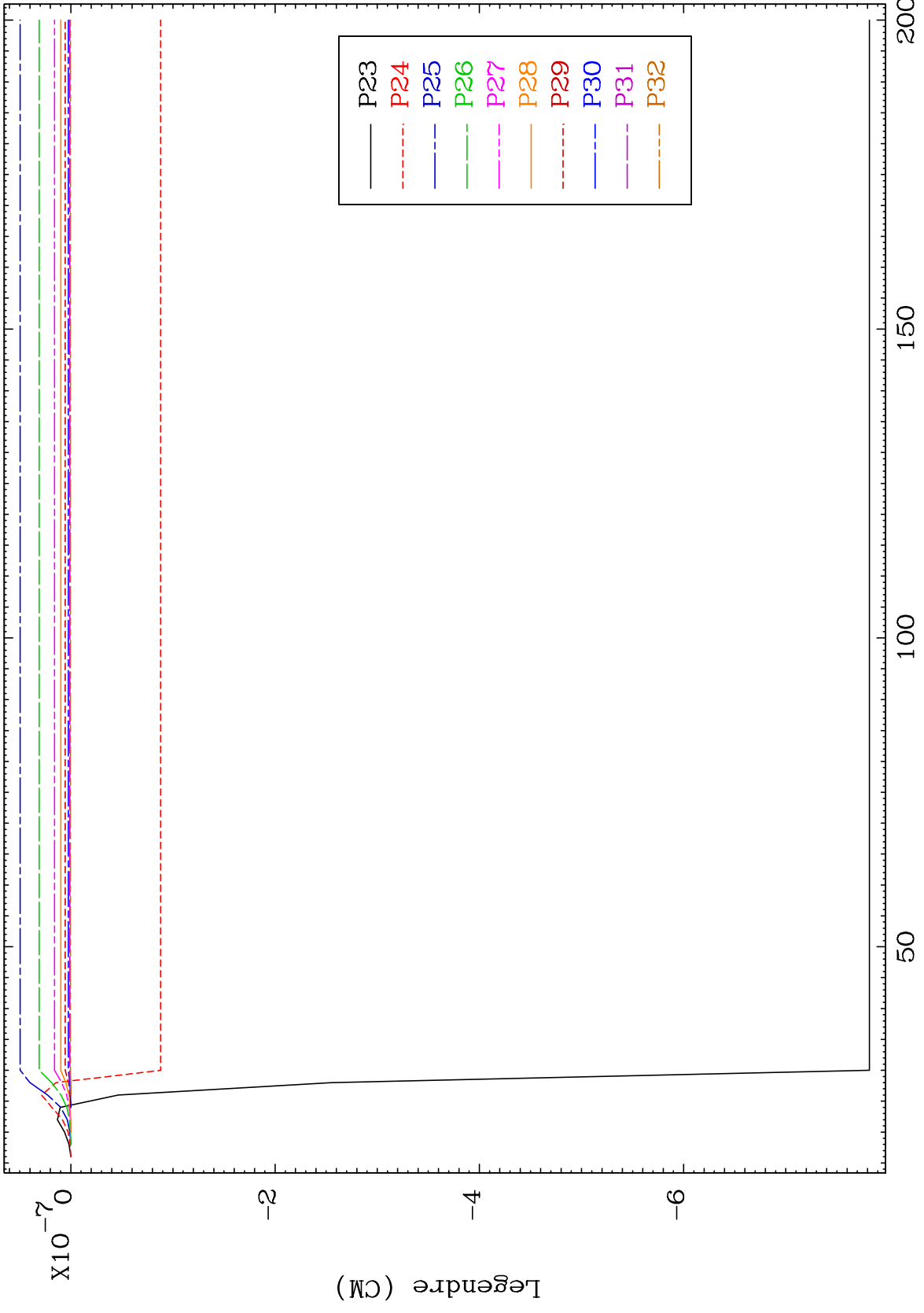


120

Incident Energy (MeV)

50-Sn-131

MAT 5082 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-131

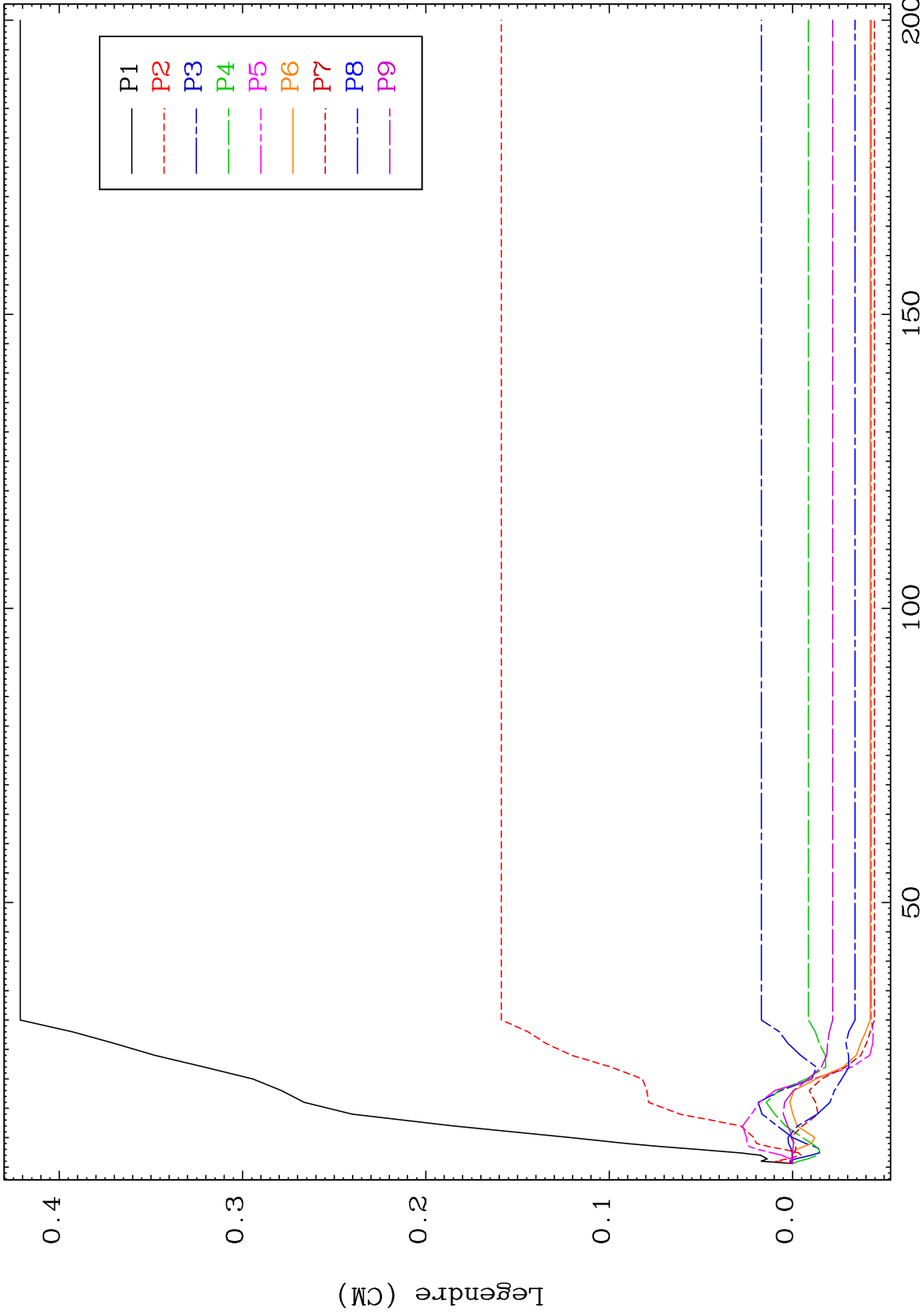


121 50-Sn-131

MAT 5082

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

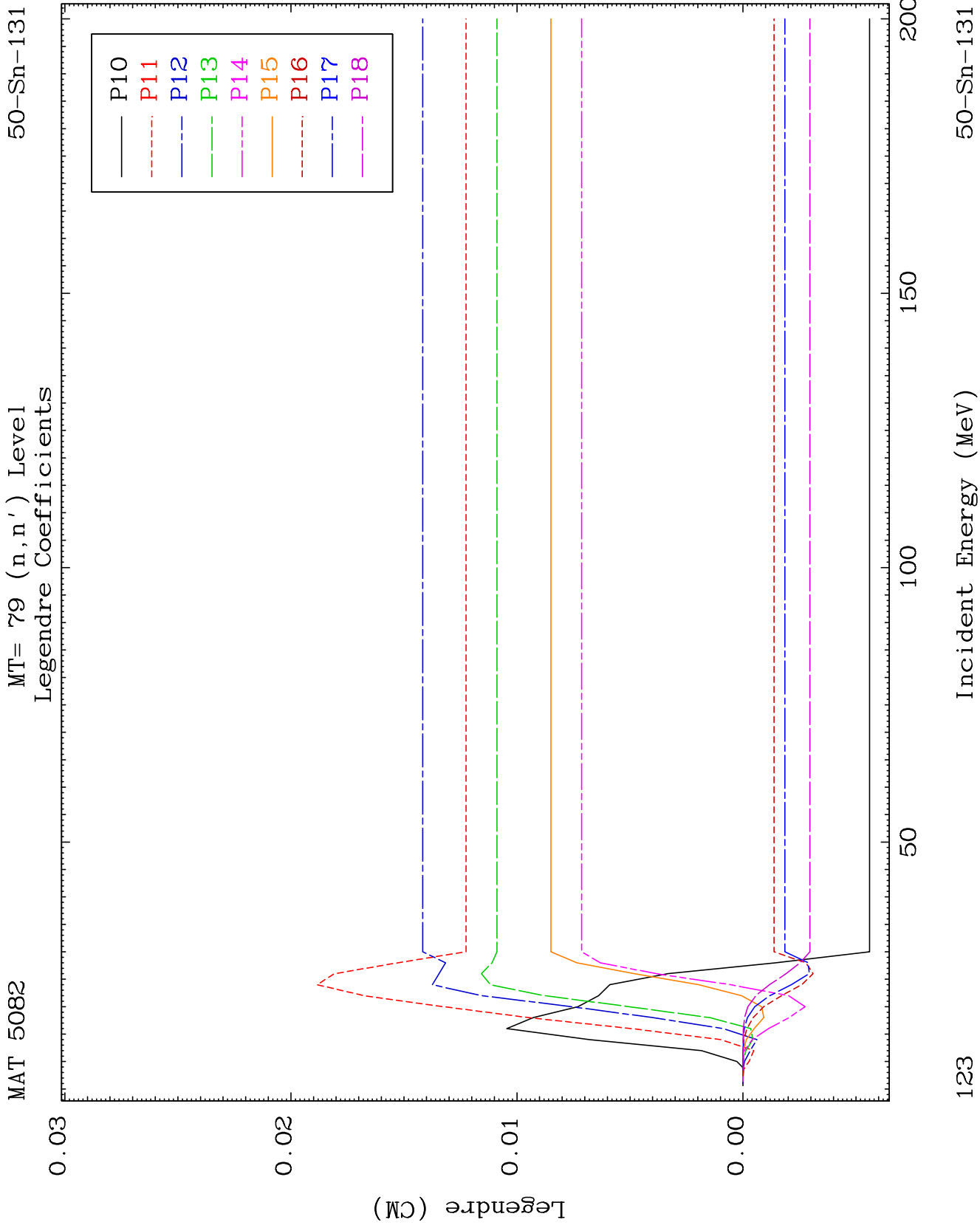
50-Sn-131



122

Incident Energy (MeV)

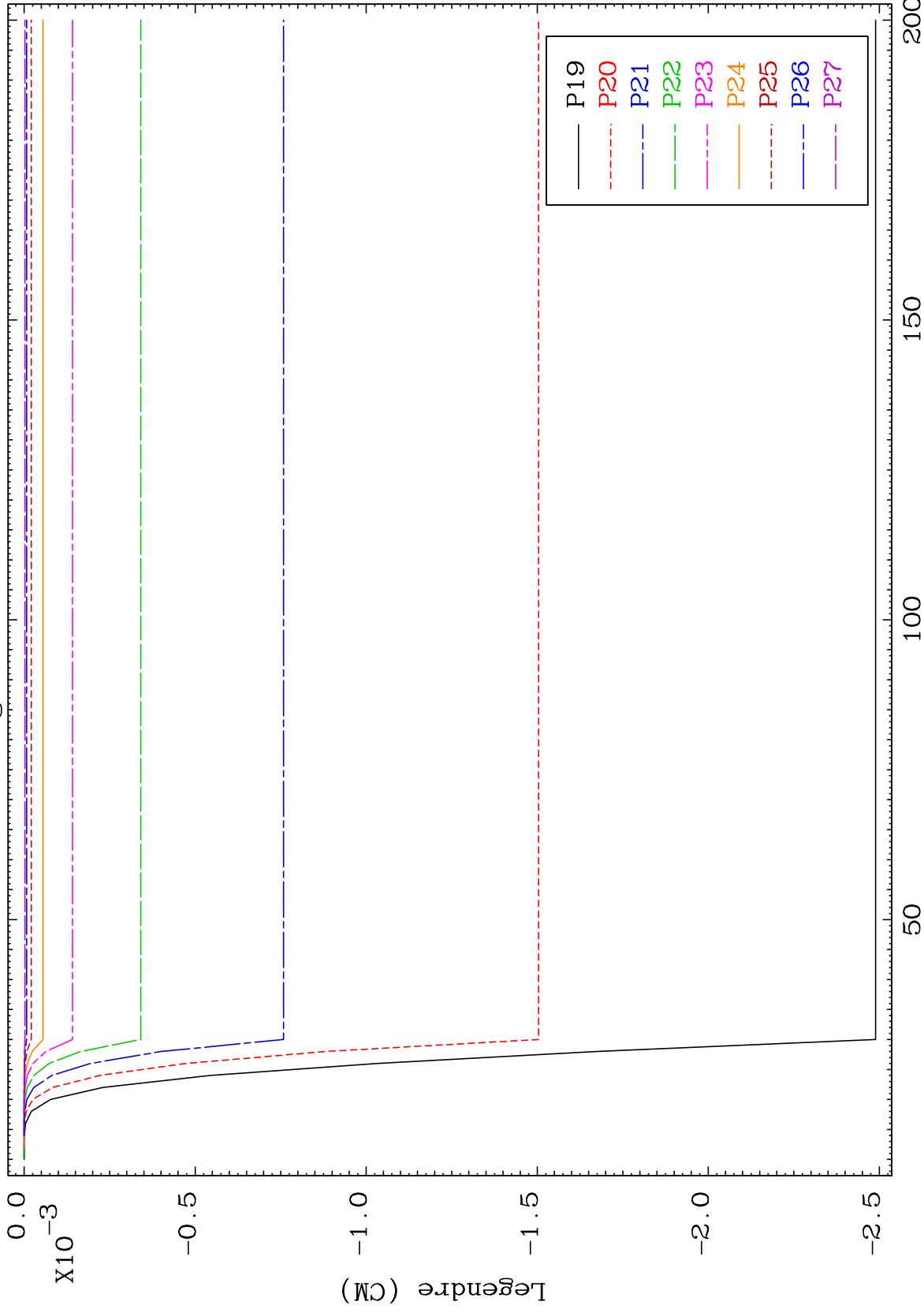
50-Sn-131



MAT 5082

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

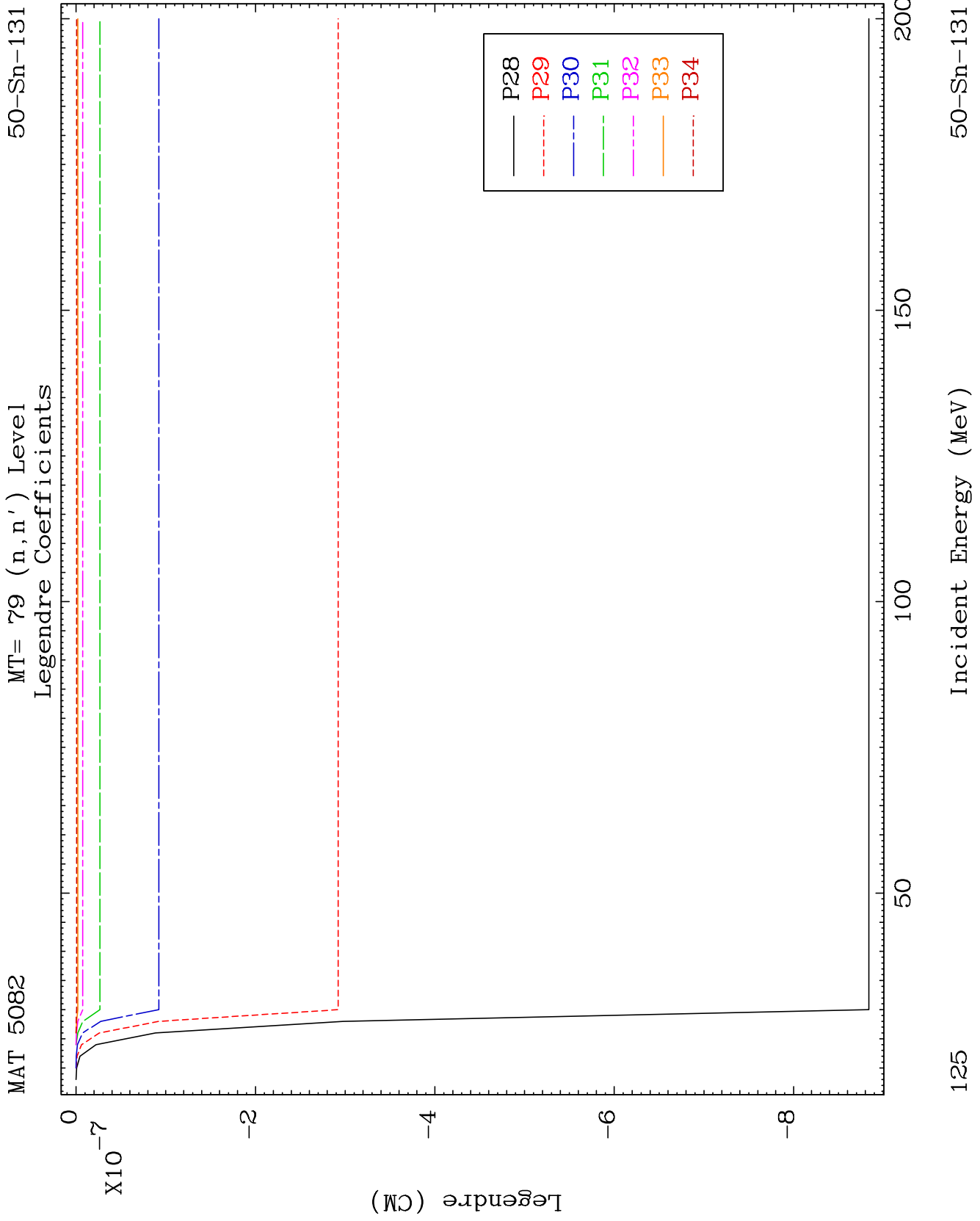
50-Sn-131



50-Sn-131

Incident Energy (MeV)

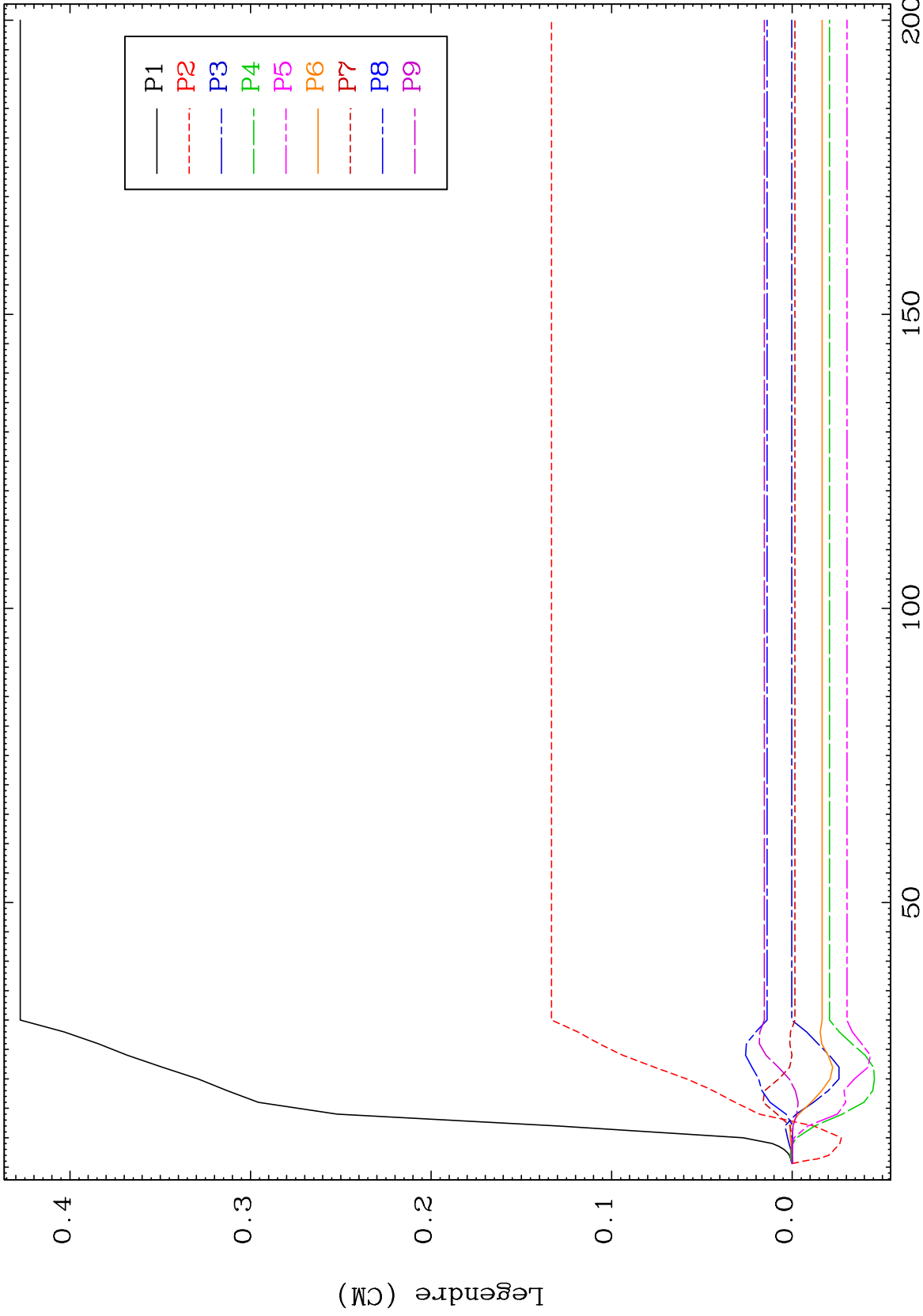
124



MAT 5082

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

50-Sn-131



126

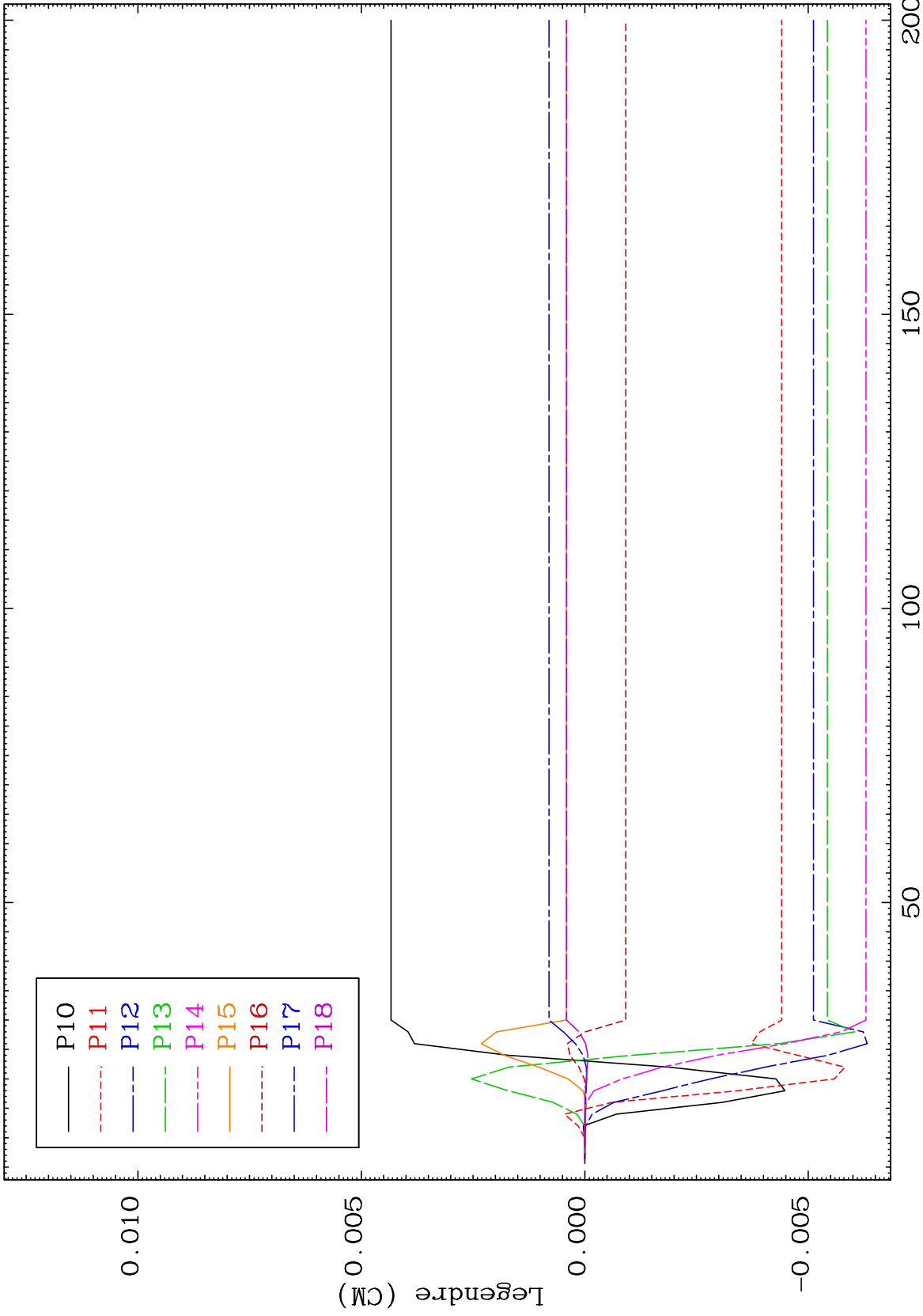
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



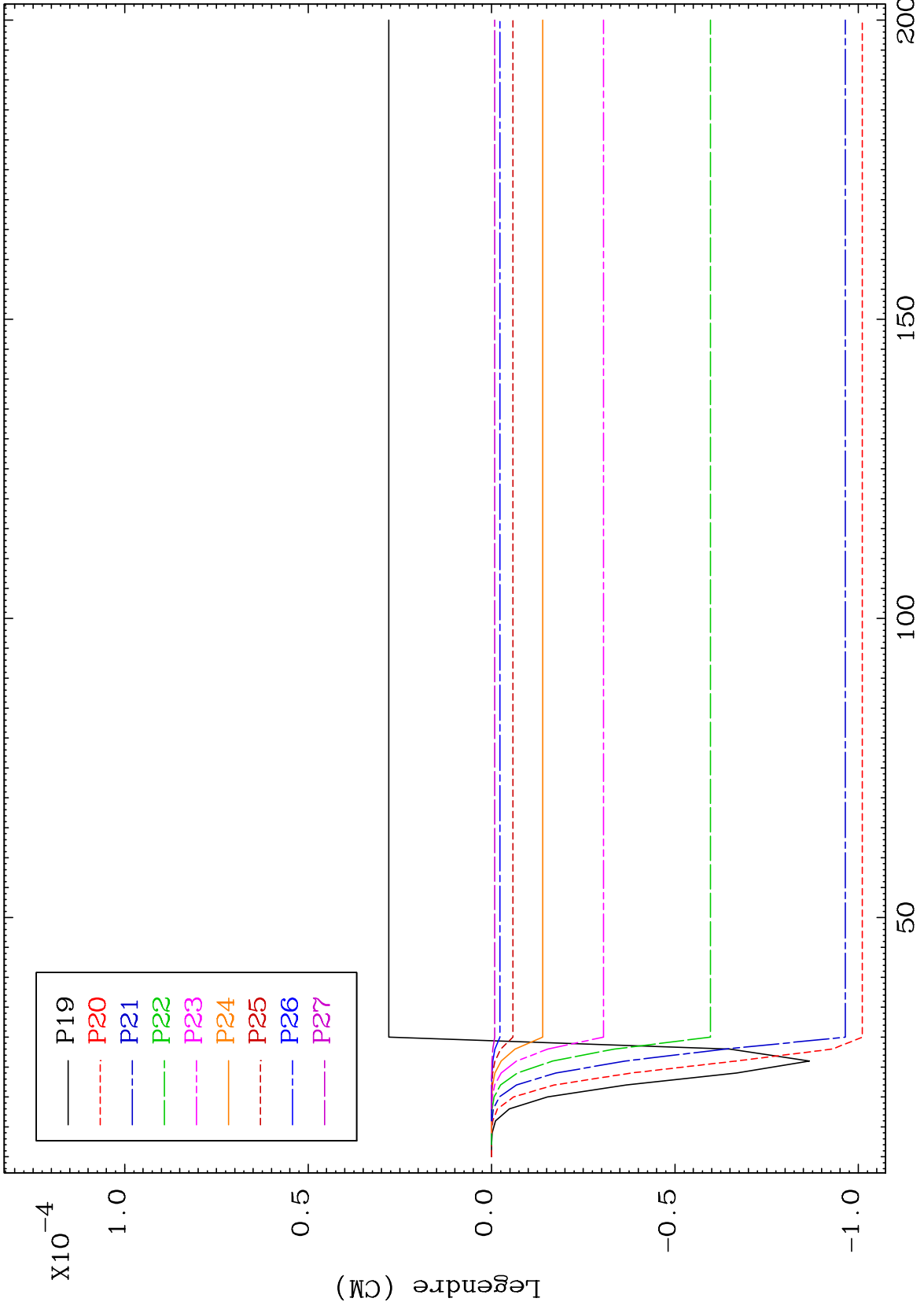
127

50-Sn-131

MAT 5082

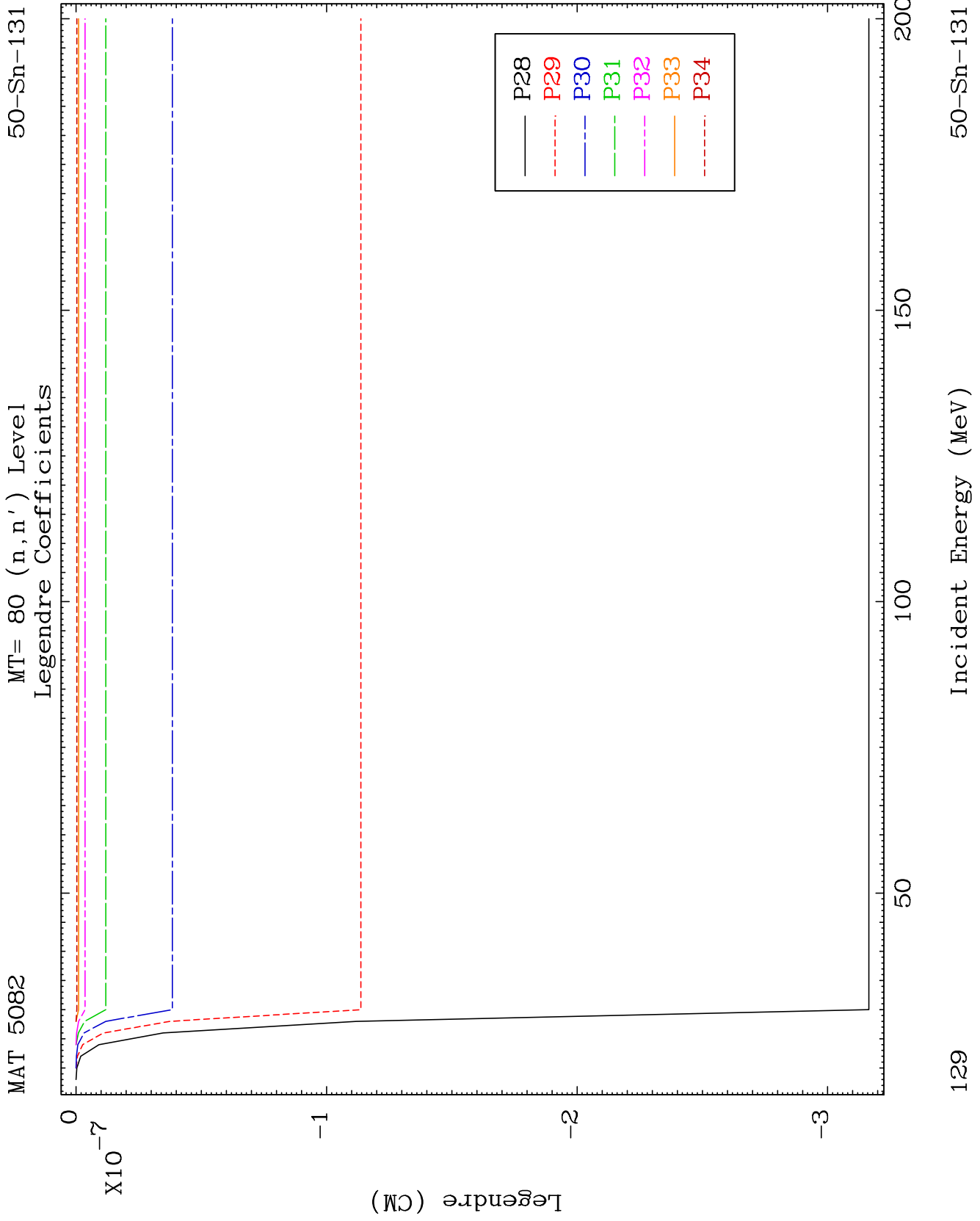
MT= 80 (n,n') Level
Legendre Coefficients

50-Sn-131



128

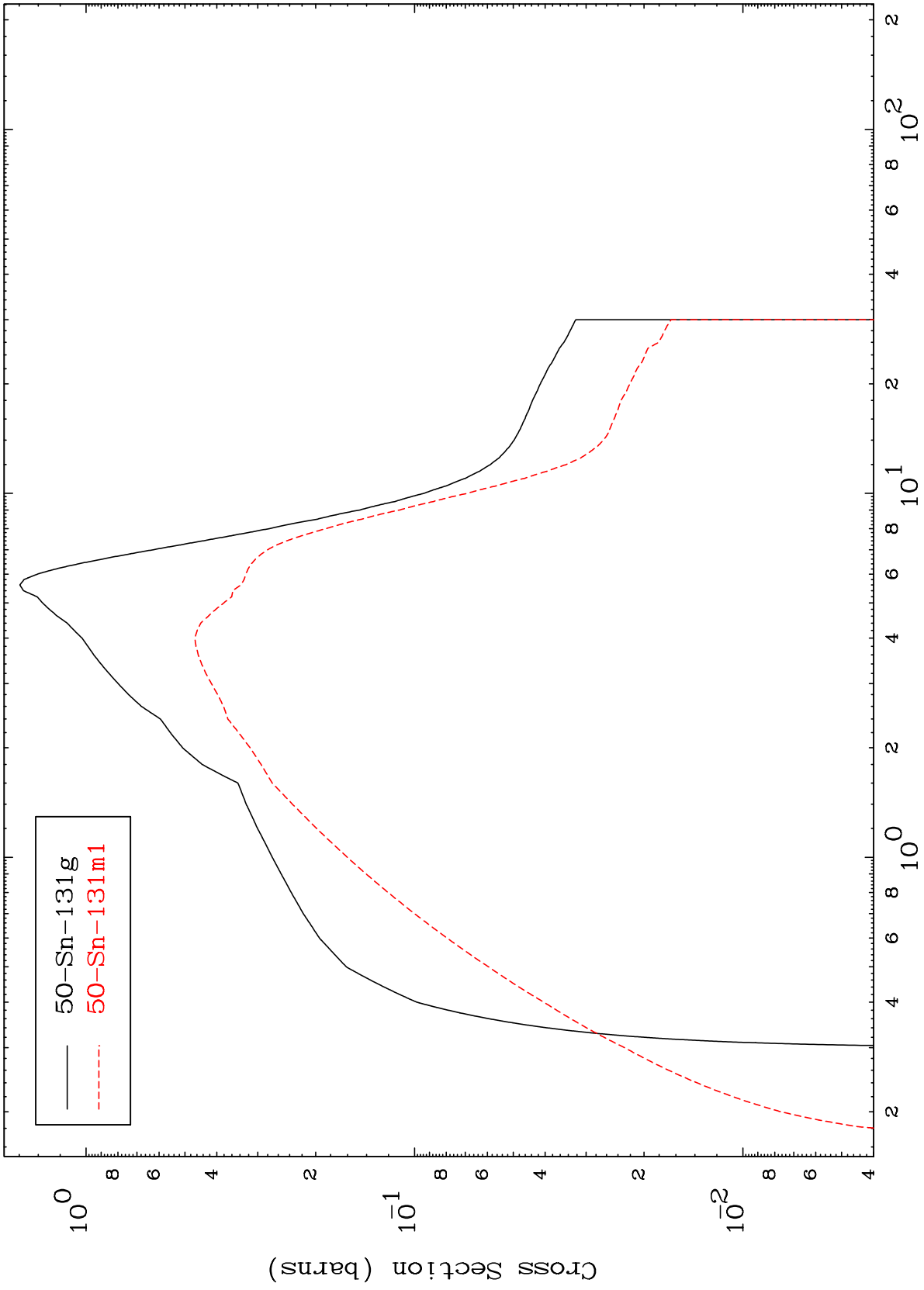
50-Sn-131



MAT 5082

Inelastic Radionuclide Production Cross Section

50-Sn-131



— 50-Sn-131g
- - - 50-Sn-131m1

130

Incident Energy (MeV)

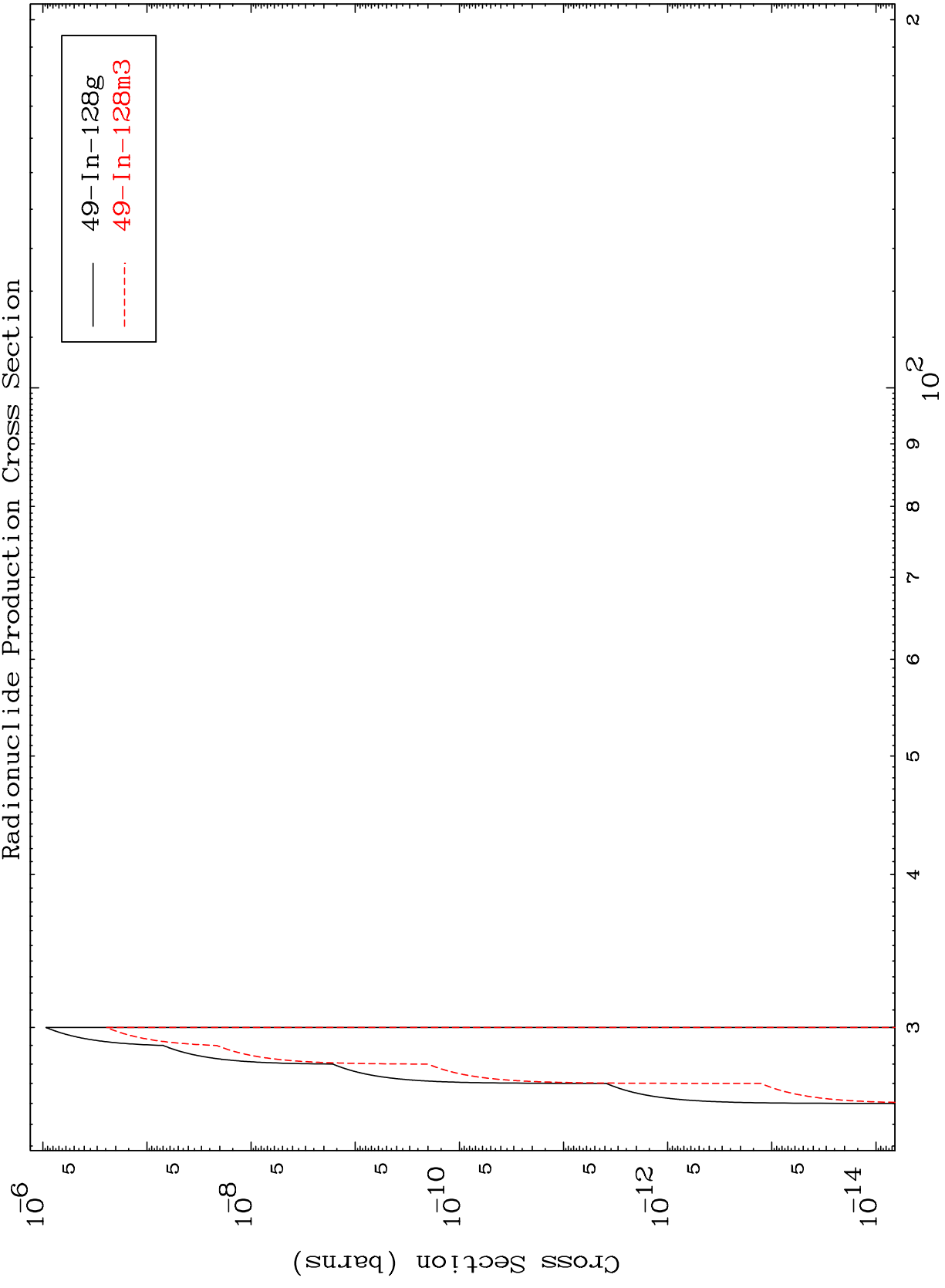
50-Sn-131

MAT 5082

(n,2n) d

50-Sn-131

Radionuclide Production Cross Section



131

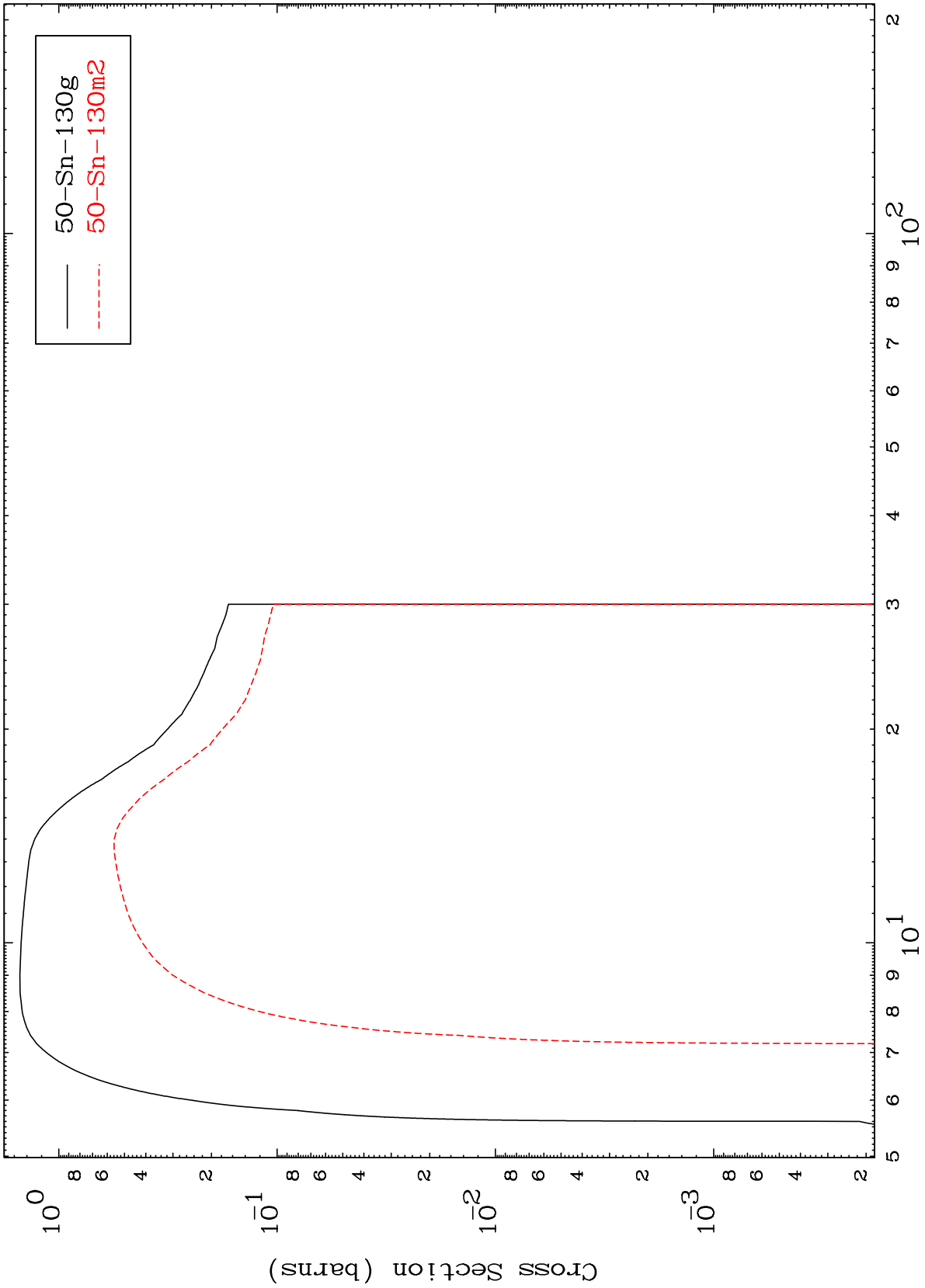
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

(n,2n)
Radionuclide Production Cross Section



132

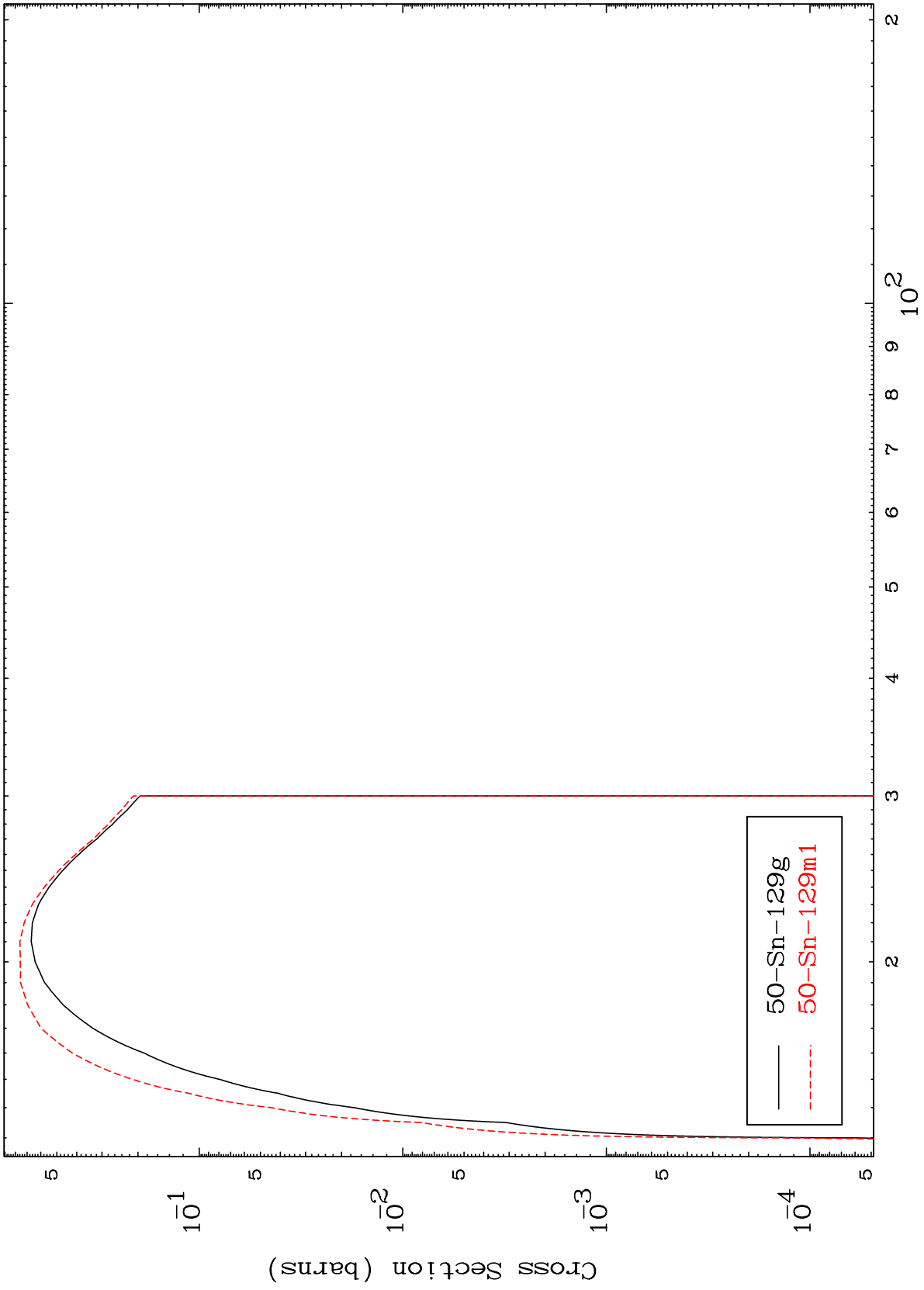
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

(n,3n)
Radionuclide Production Cross Section



133

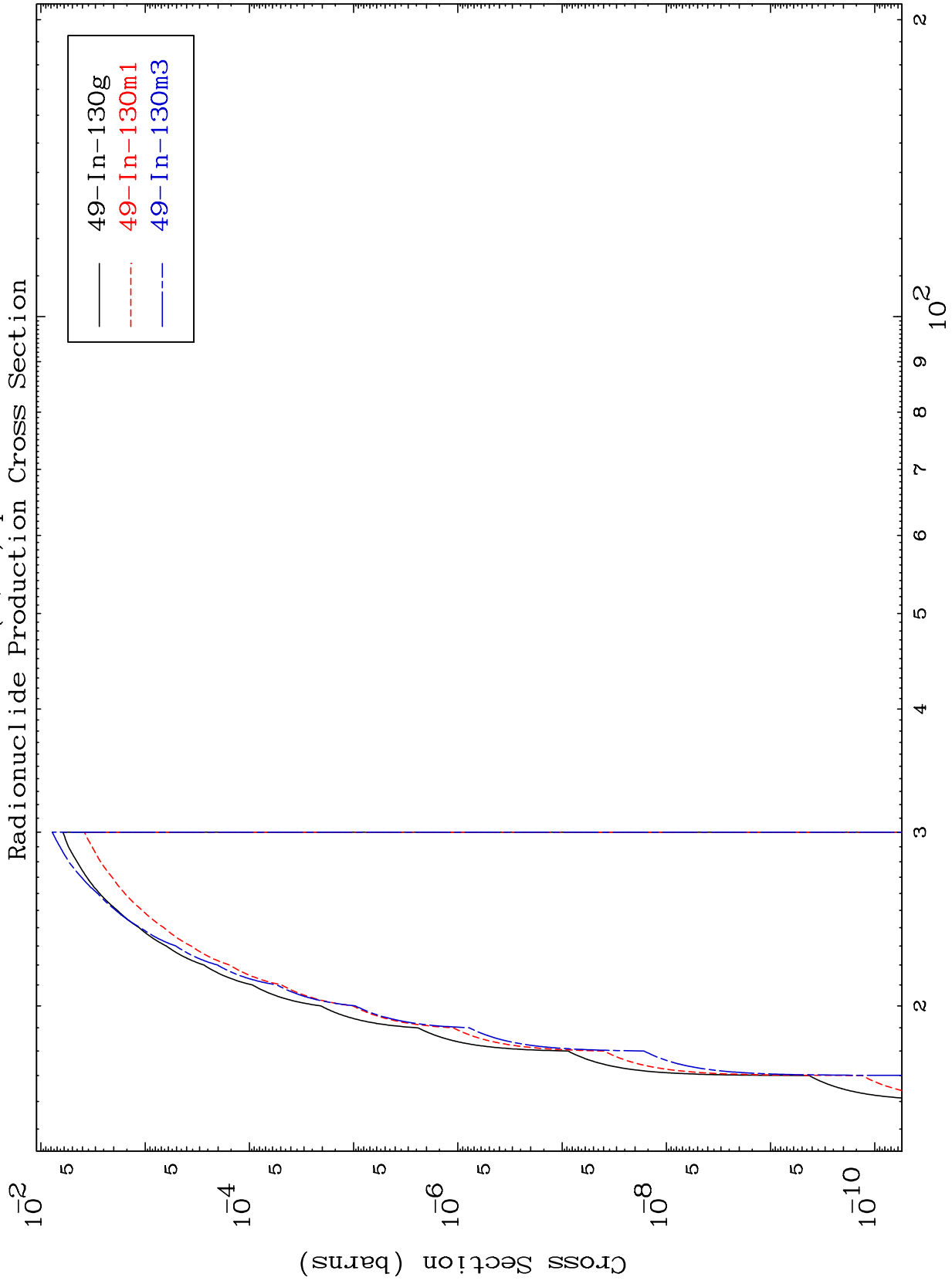
50-Sn-131

Incident Energy (MeV)

MAT 5082

(n,n') p

50-Sn-131



134

Incident Energy (MeV)

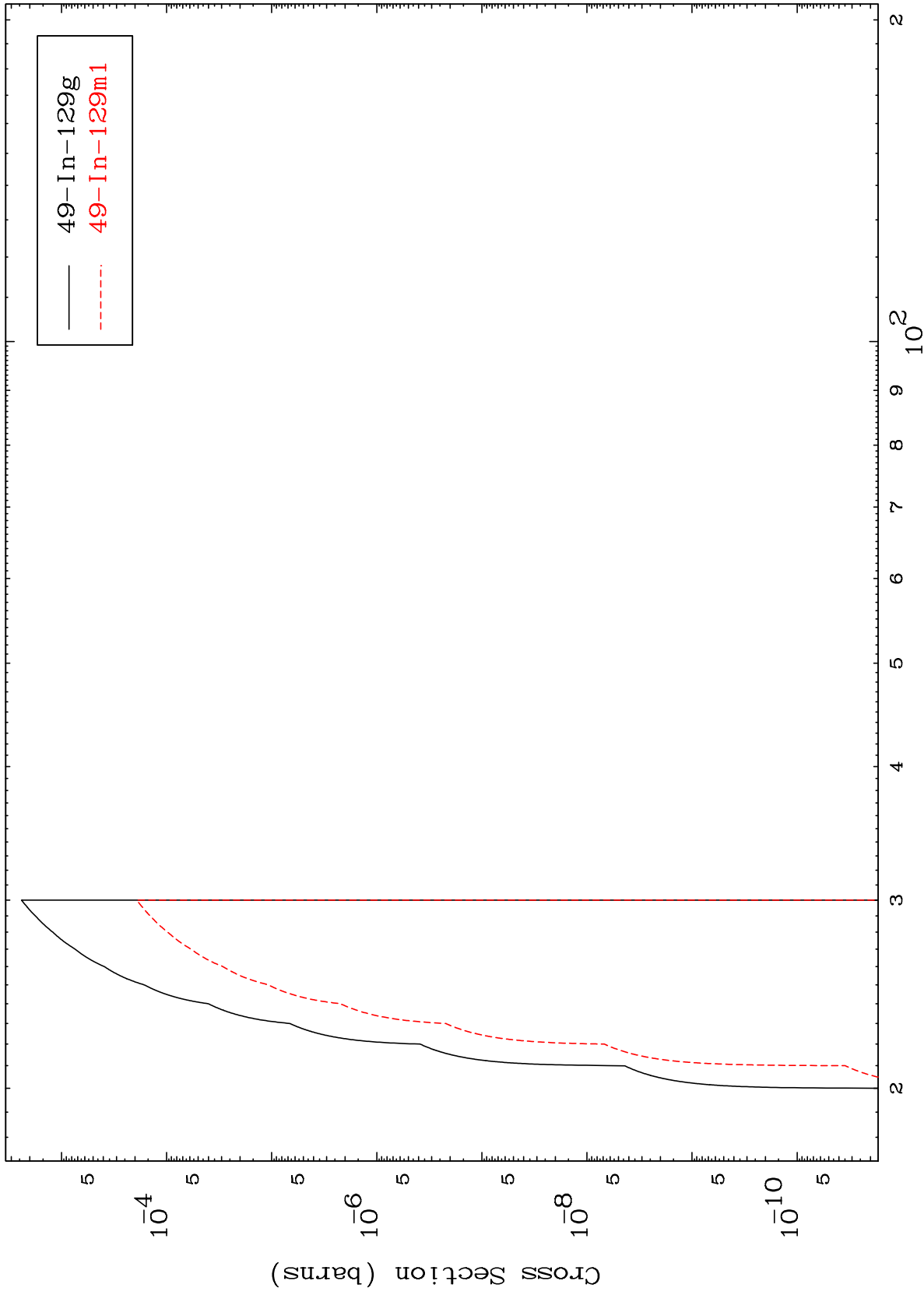
50-Sn-131

MAT 5082

(n,n') d

50-Sn-131

Radionuclide Production Cross Section



135

Incident Energy (MeV)

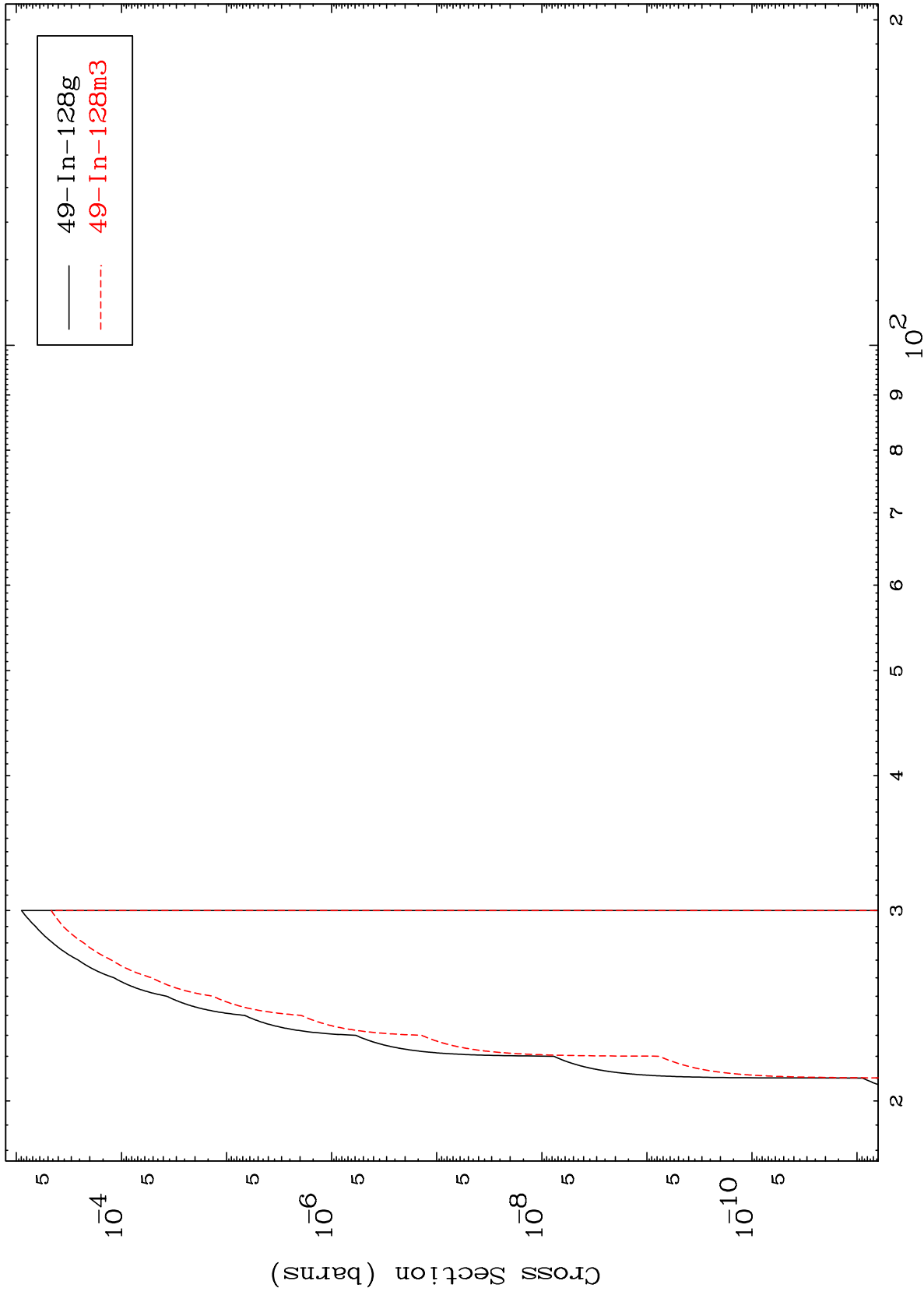
50-Sn-131

MAT 5082

(n,n') t

50-Sn-131

Radionuclide Production Cross Section



136

Incident Energy (MeV)

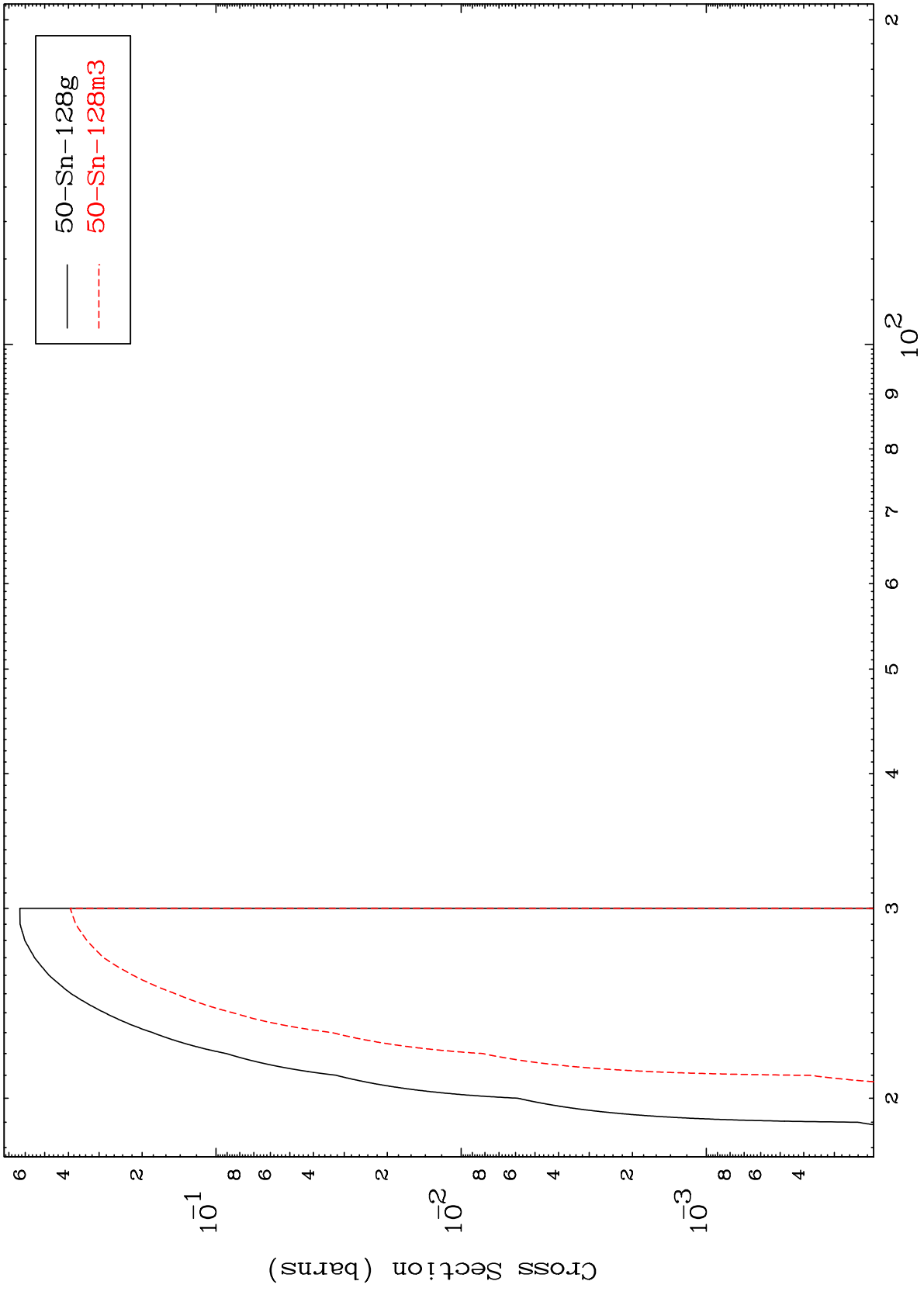
50-Sn-131

MAT 5082

(n,4n)

50-Sn-131

Radionuclide Production Cross Section



137

Incident Energy (MeV)

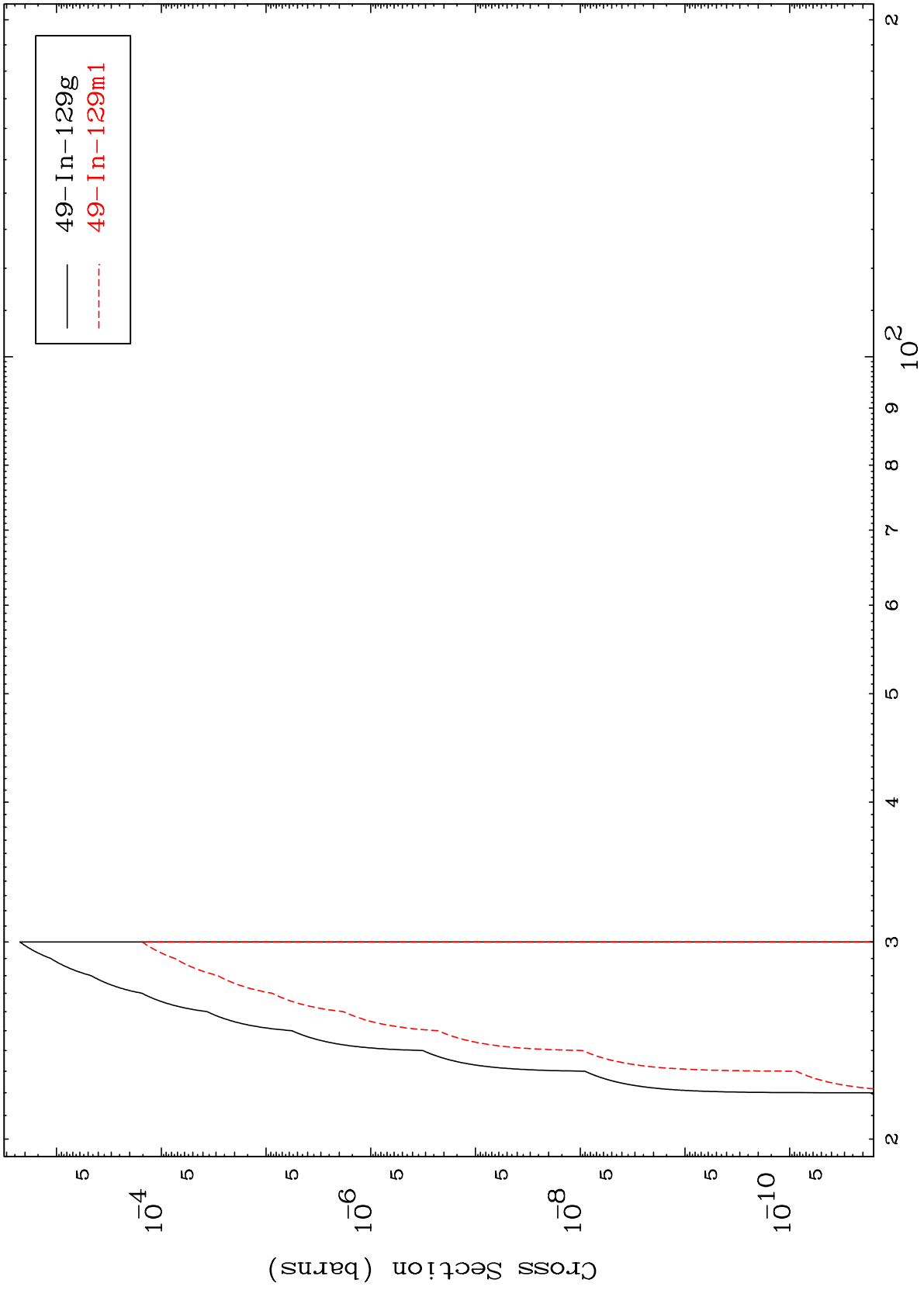
50-Sn-131

MAT 5082

(n,2n) p

50-Sn-131

Radionuclide Production Cross Section



138

Incident Energy (MeV)

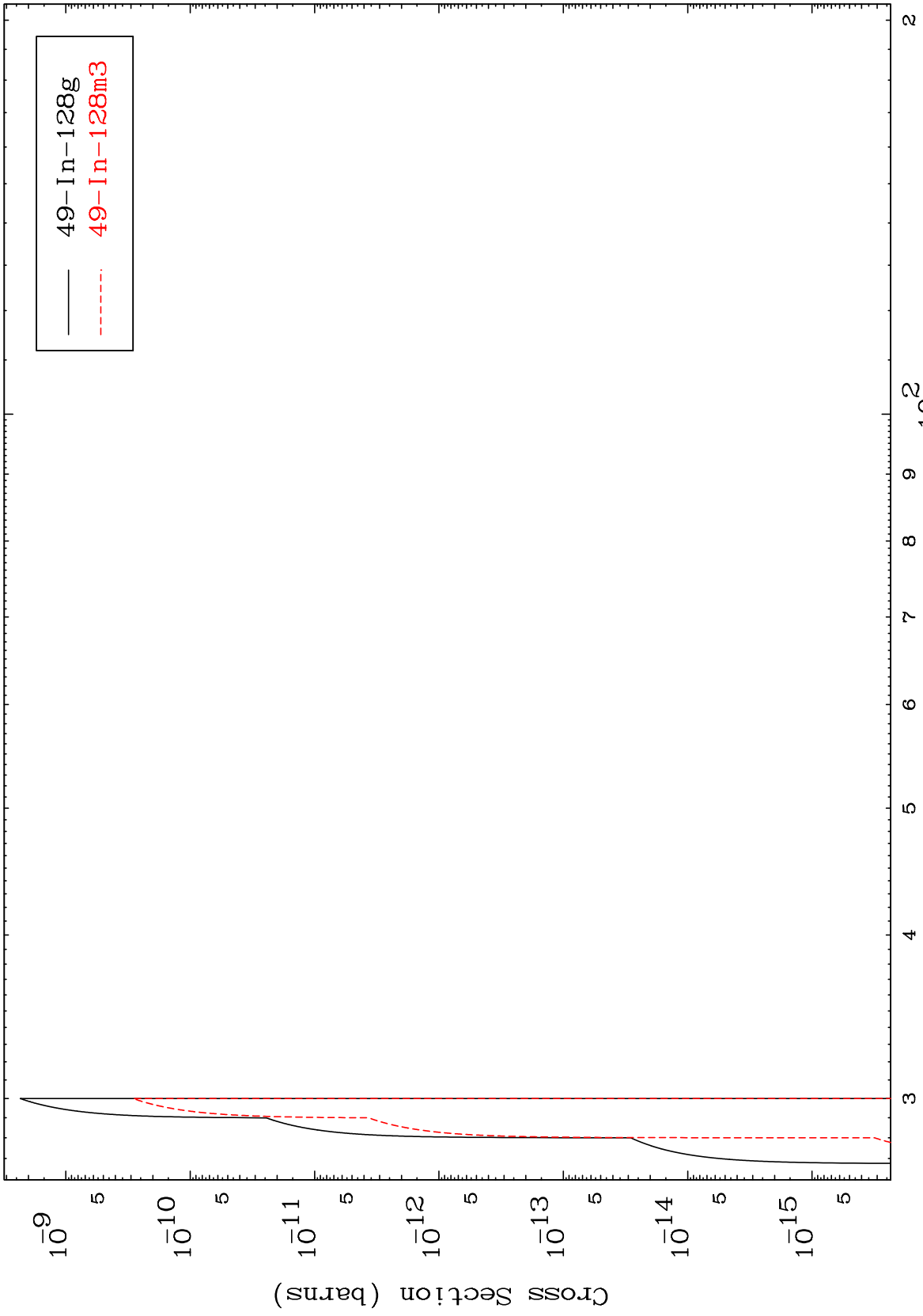
50-Sn-131

MAT 5082

(n,3n) p

50-Sn-131

Radionuclide Production Cross Section



49-In-128g
49-In-128m3

139

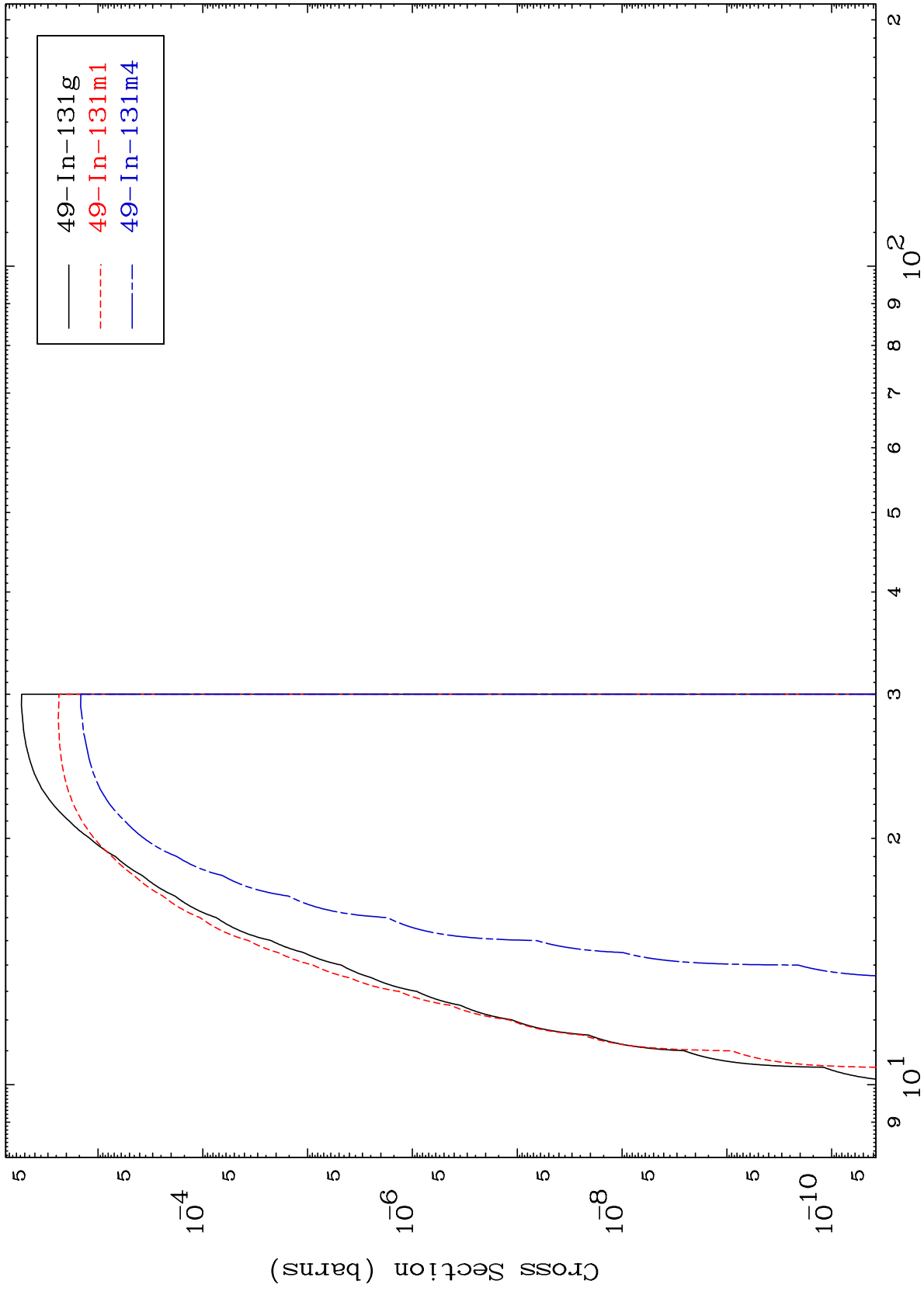
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

(n,p)
Radionuclide Production Cross Section



140

Incident Energy (MeV)

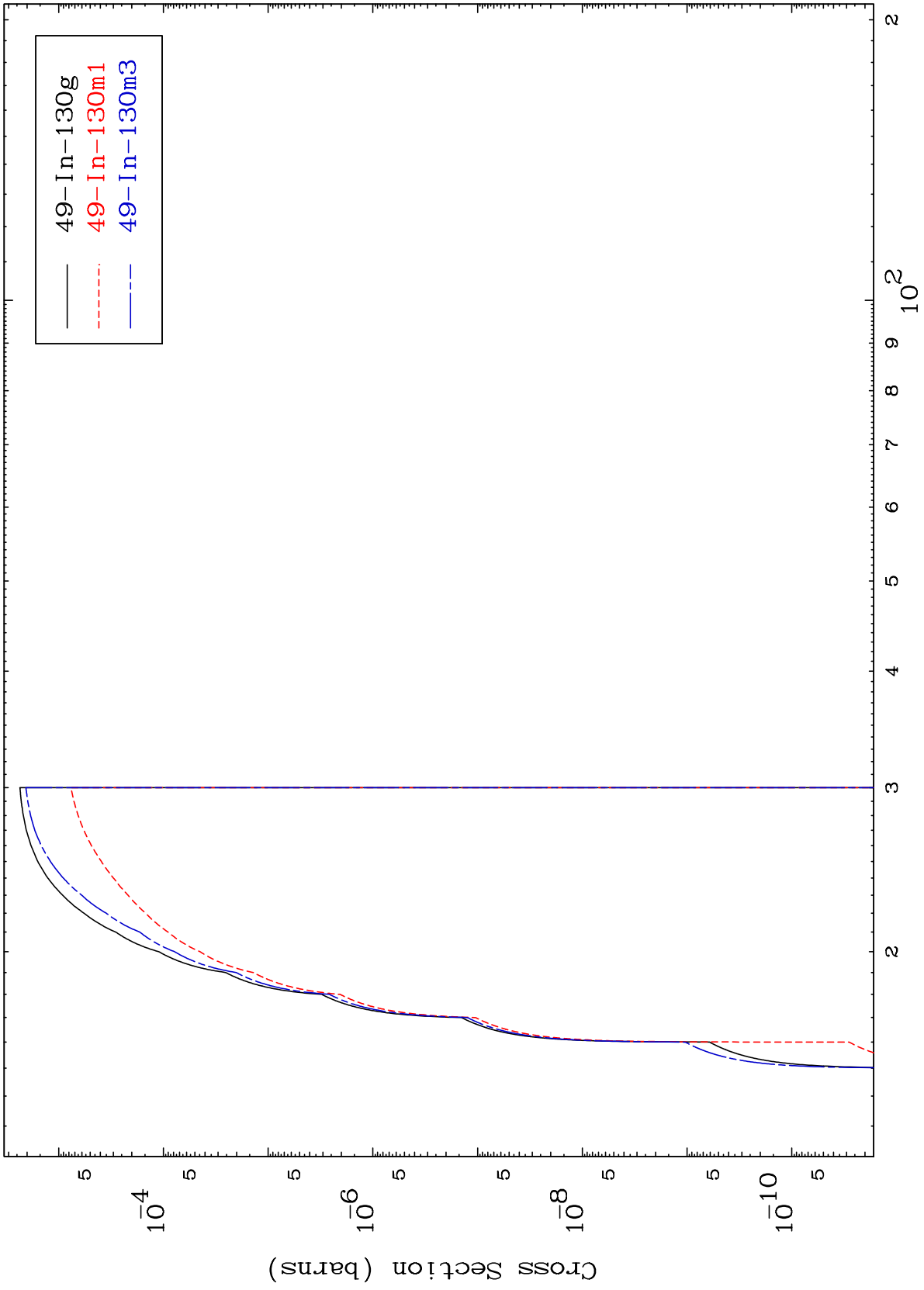
50-Sn-131

MAT 5082

(n,d)

50-Sn-131

Radionuclide Production Cross Section



141

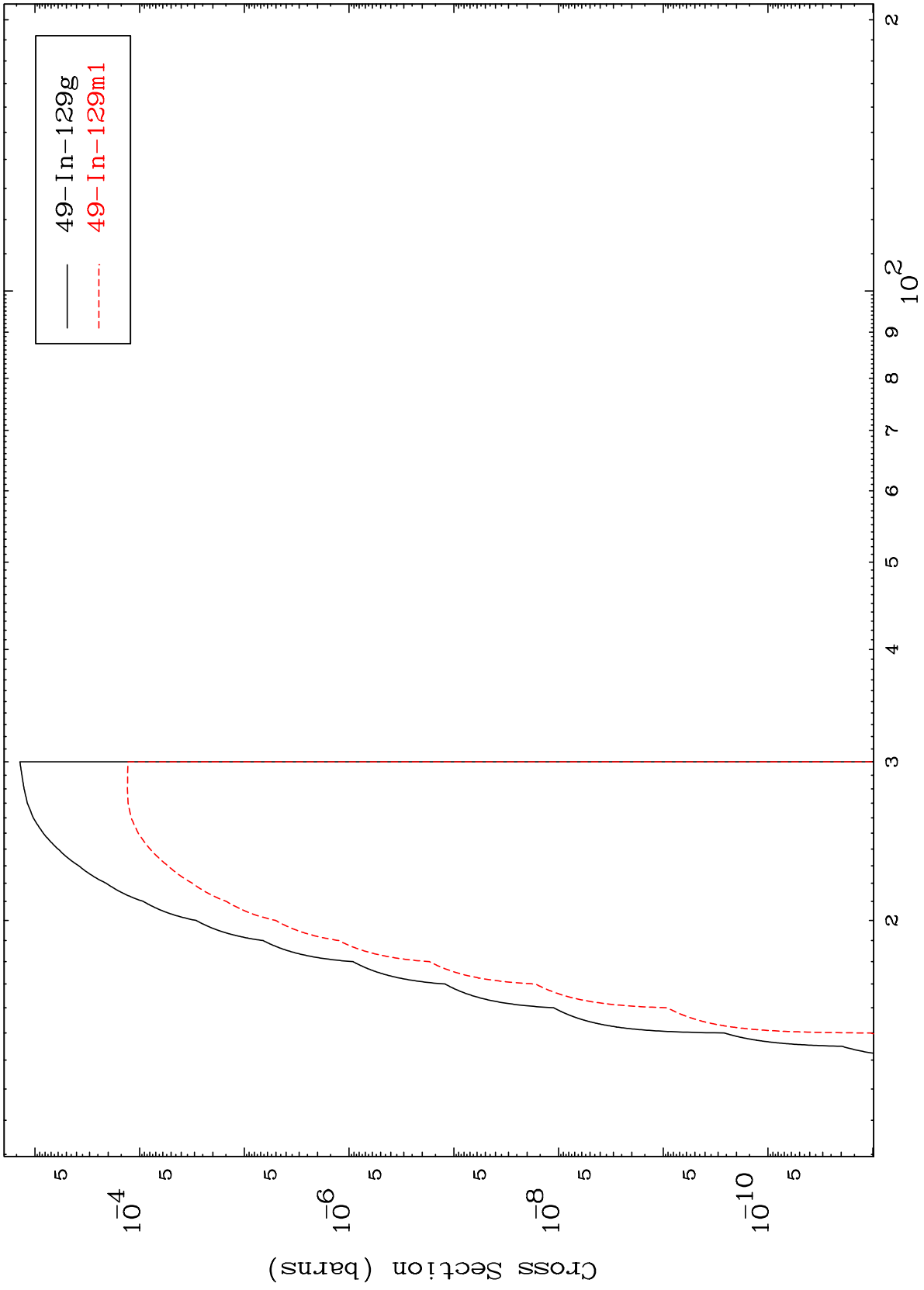
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

(n, t)
Radionuclide Production Cross Section



142

50-Sn-131

Incident Energy (MeV)