

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

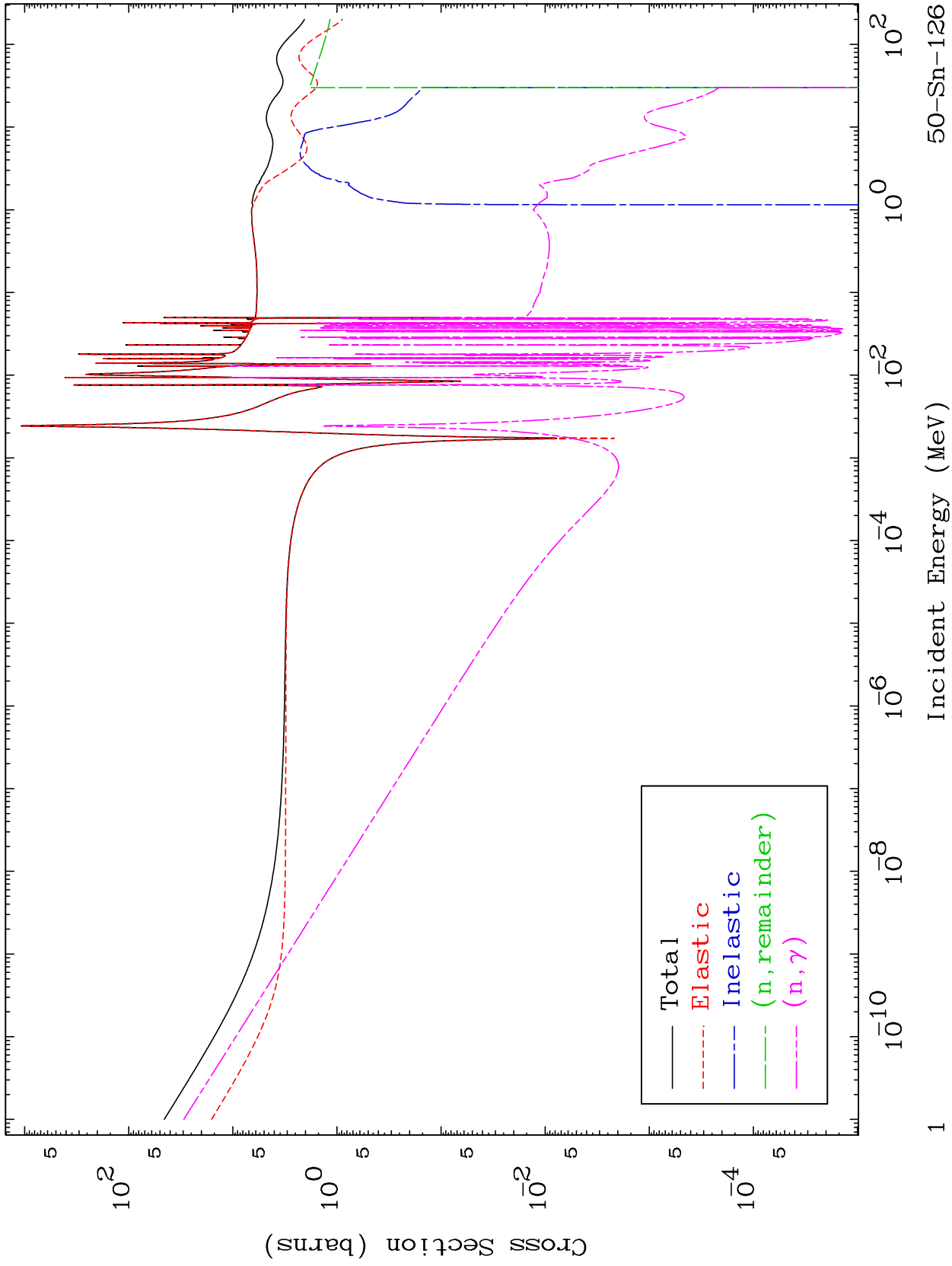
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5067

Major  
293 Kelvin Cross Sections

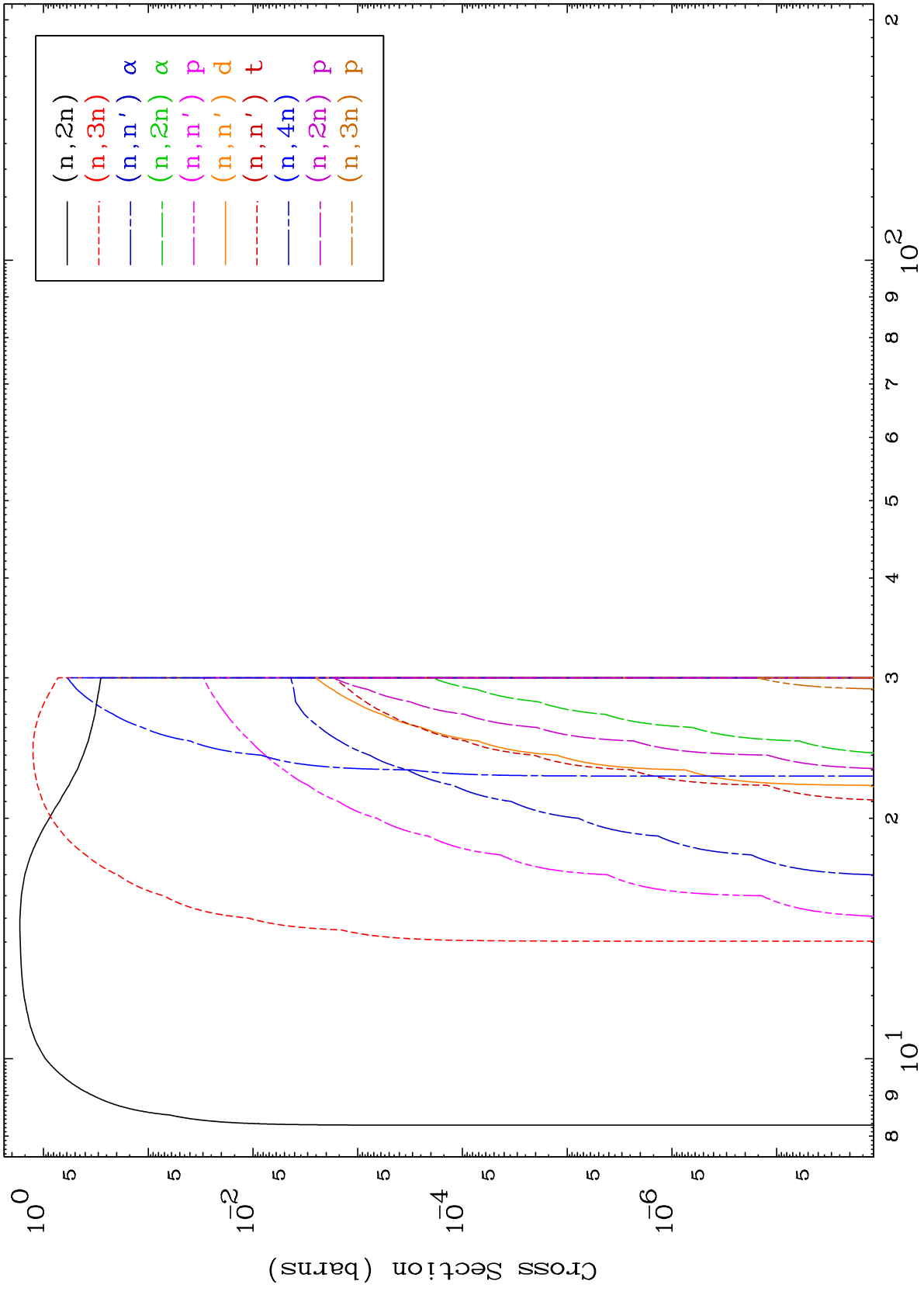
50-Sn-126



MAT 5067

Neutron Production  
293 Kelvin Cross Sections

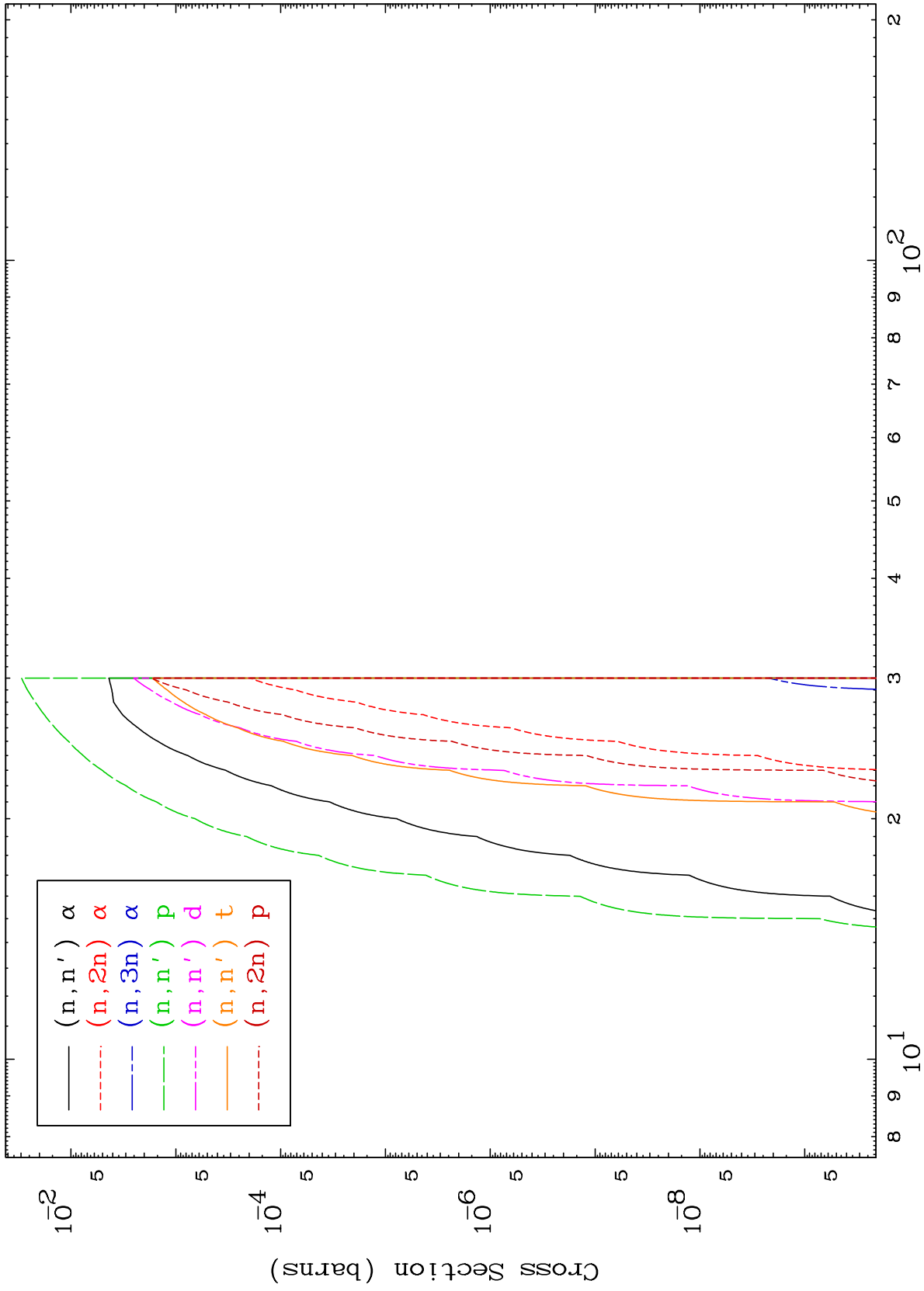
50-Sn-126

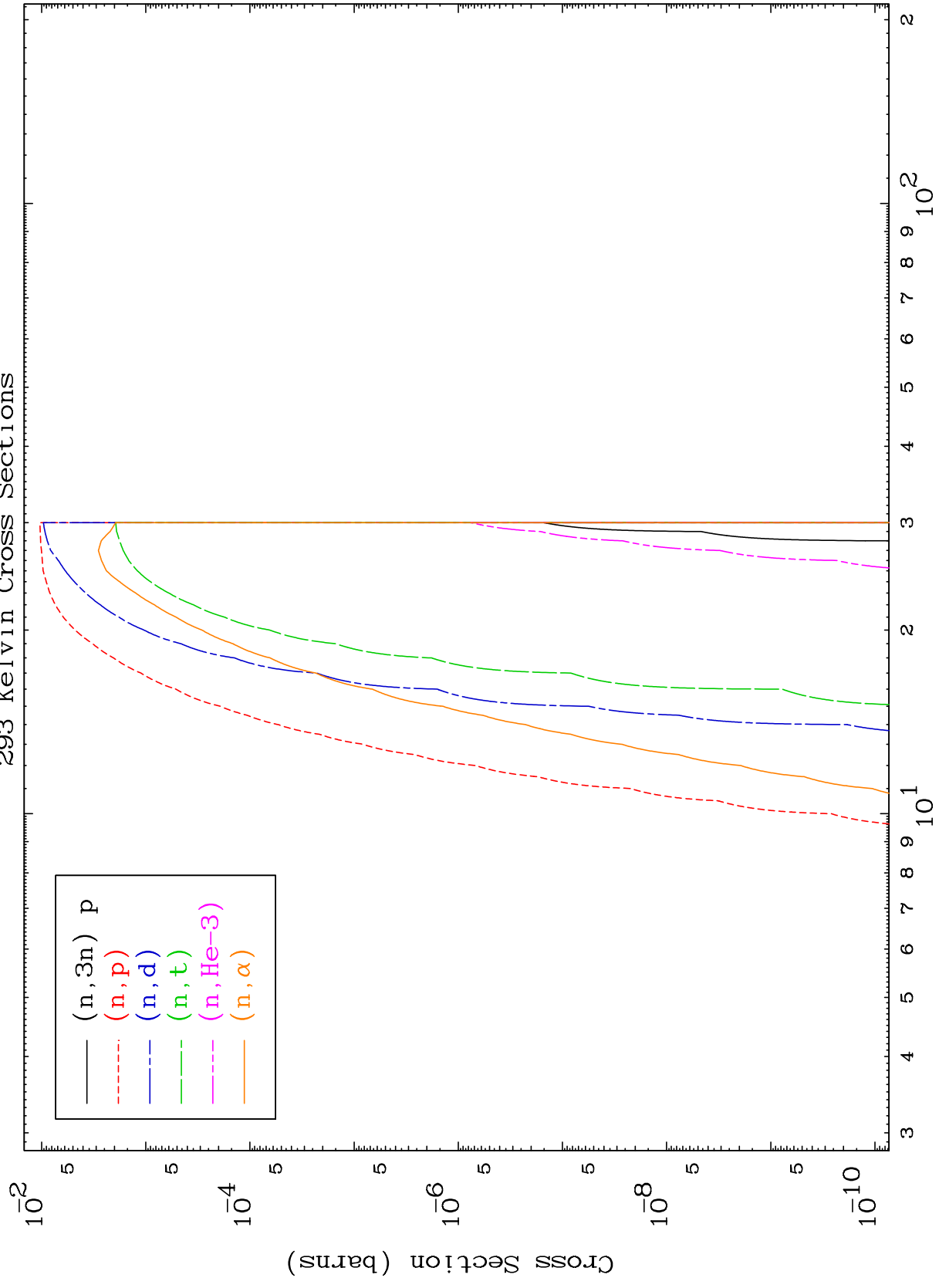


2

Incident Energy (MeV)

50-Sn-126

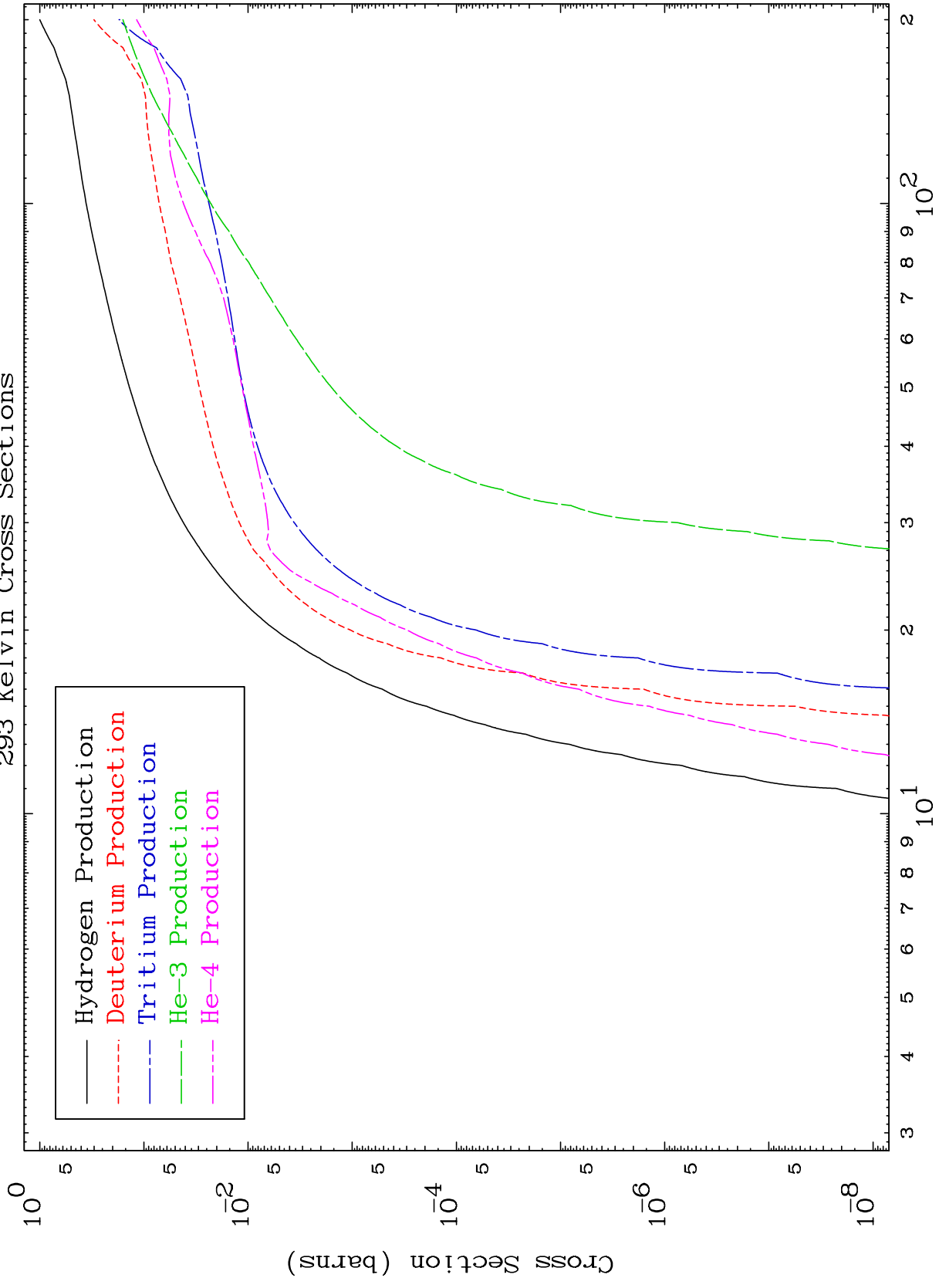




MAT 5067

Particle Production  
293 Kelvin Cross Sections

50-Sn-126



5

Incident Energy (MeV)

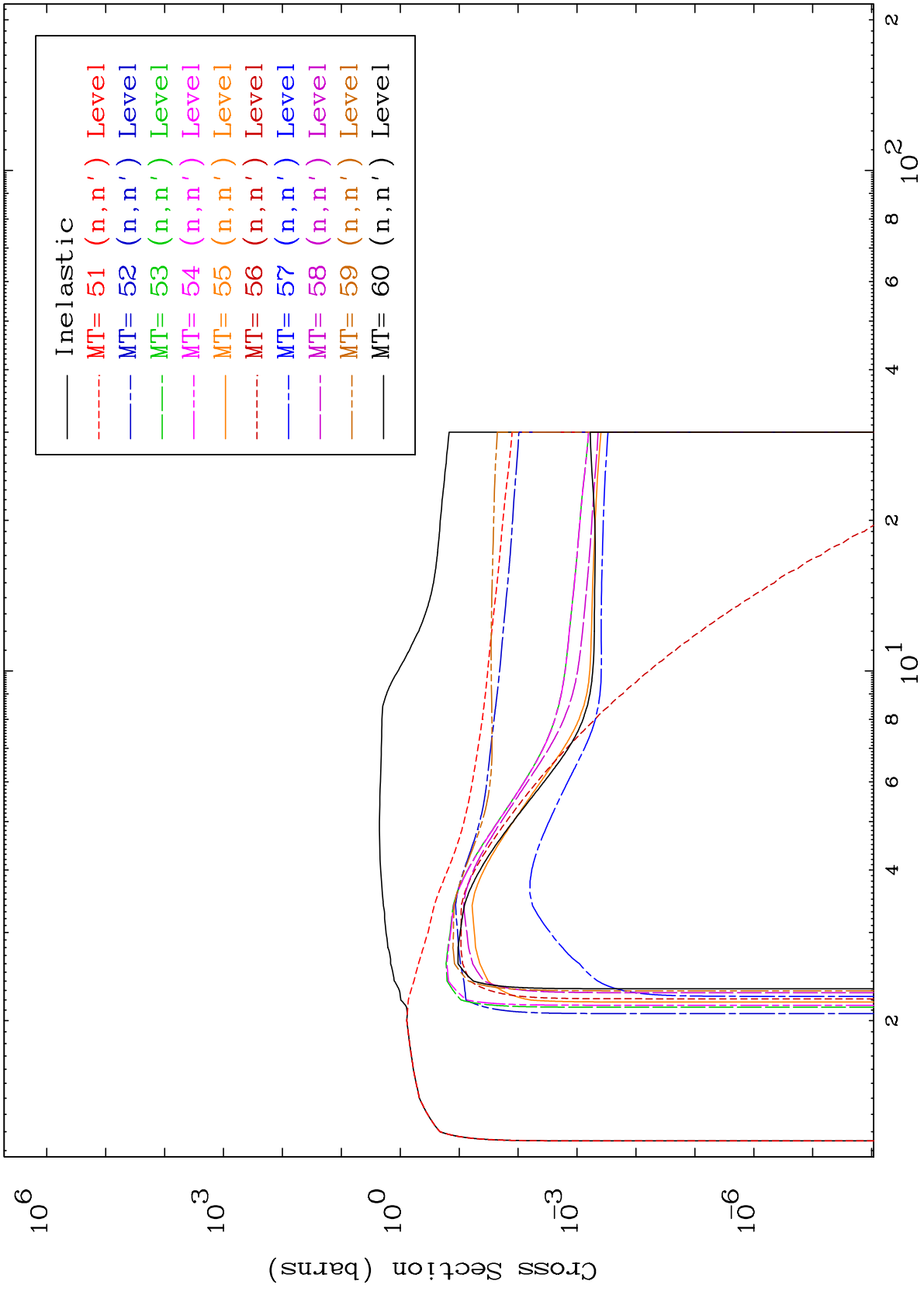
50-Sn-126

MAT 5067

(n,n') Level

50-Sn-126

293 Kelvin Cross Sections



6

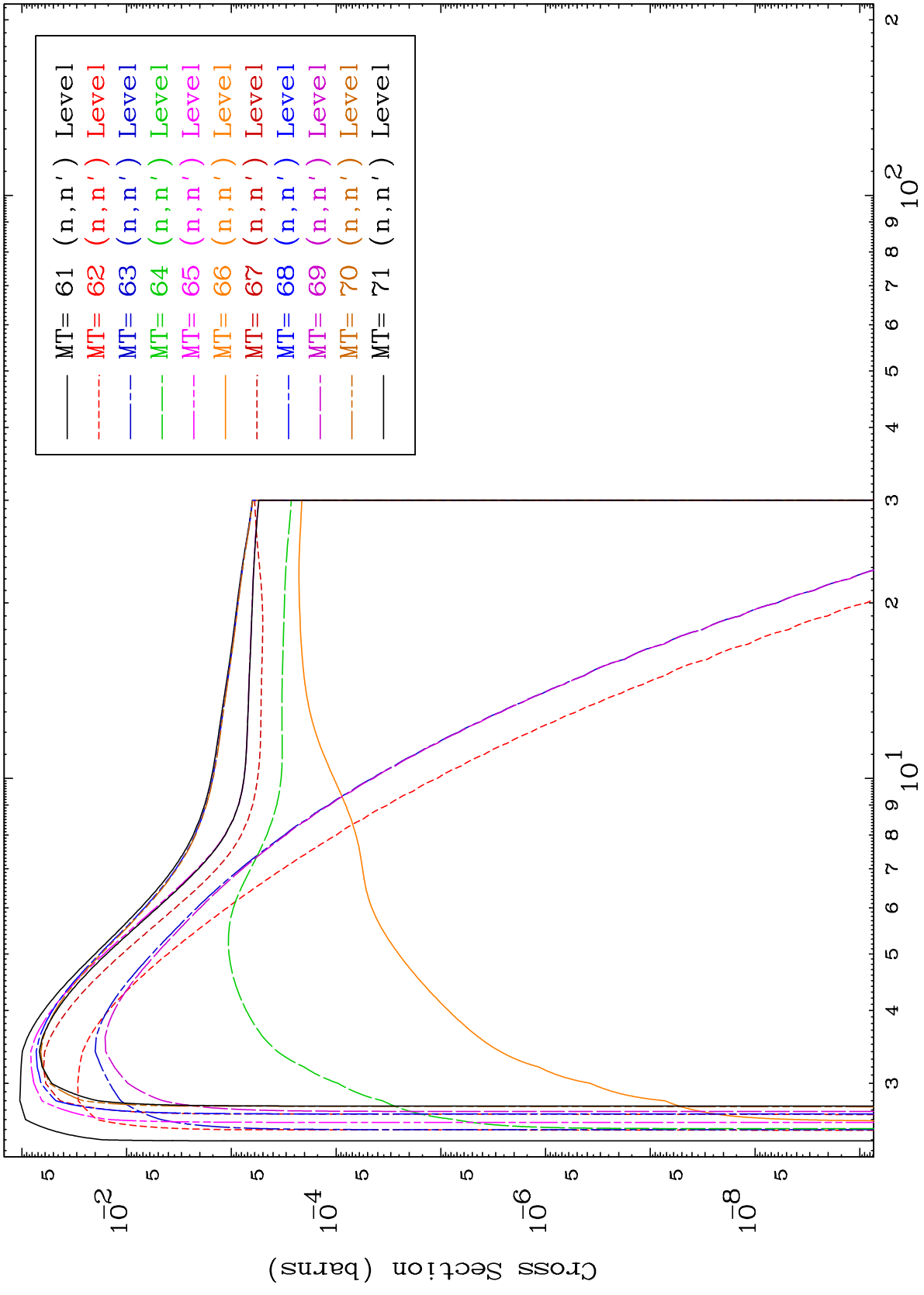
Incident Energy (MeV)

50-Sn-126

MAT 5067

(n,n') Level  
293 Kelvin Cross Sections

50-Sn-126



7

Incident Energy (MeV)

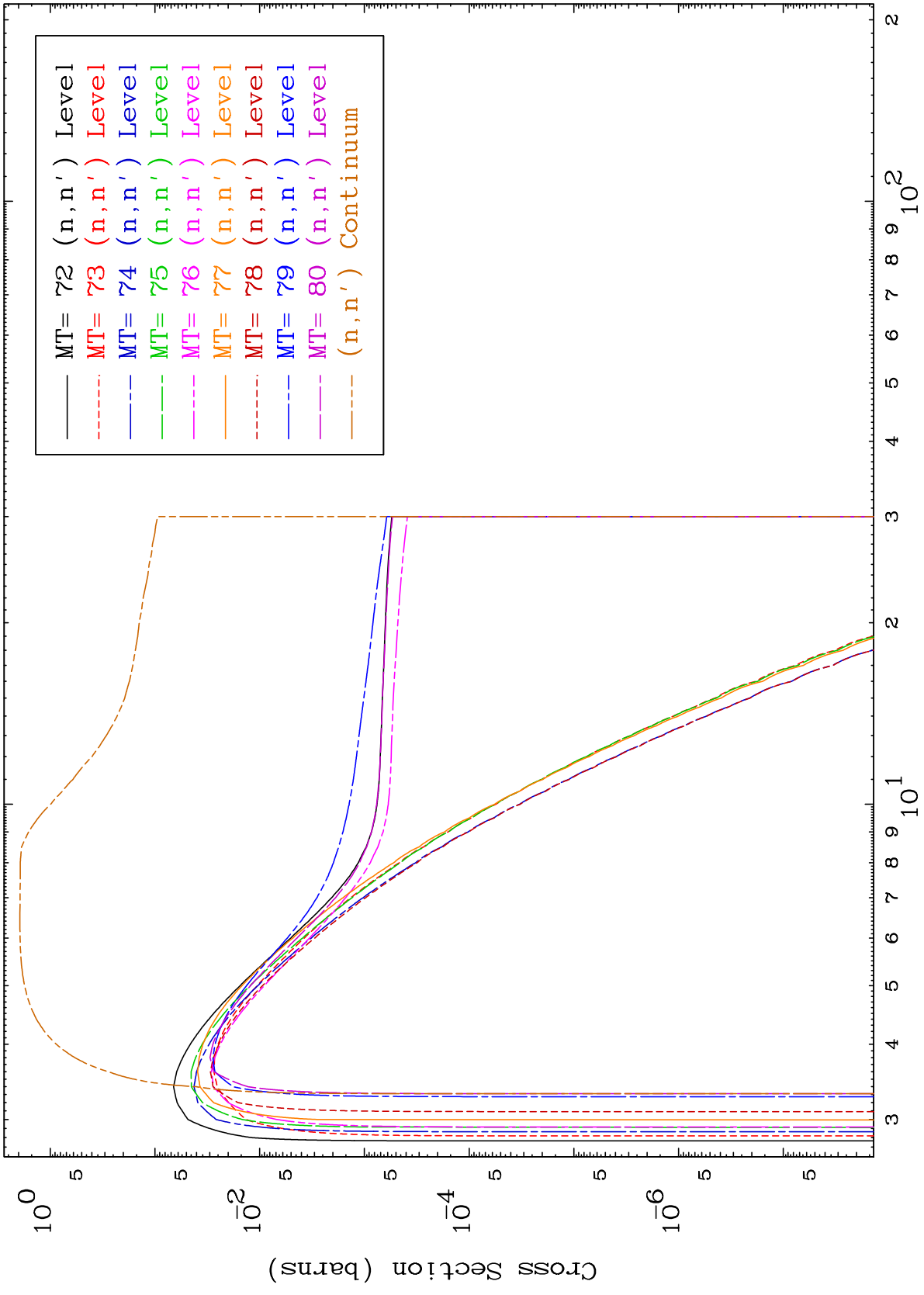
50-Sn-126



MAT 5067

(n,n') Level  
293 Kelvin Cross Sections

50-Sn-126



8

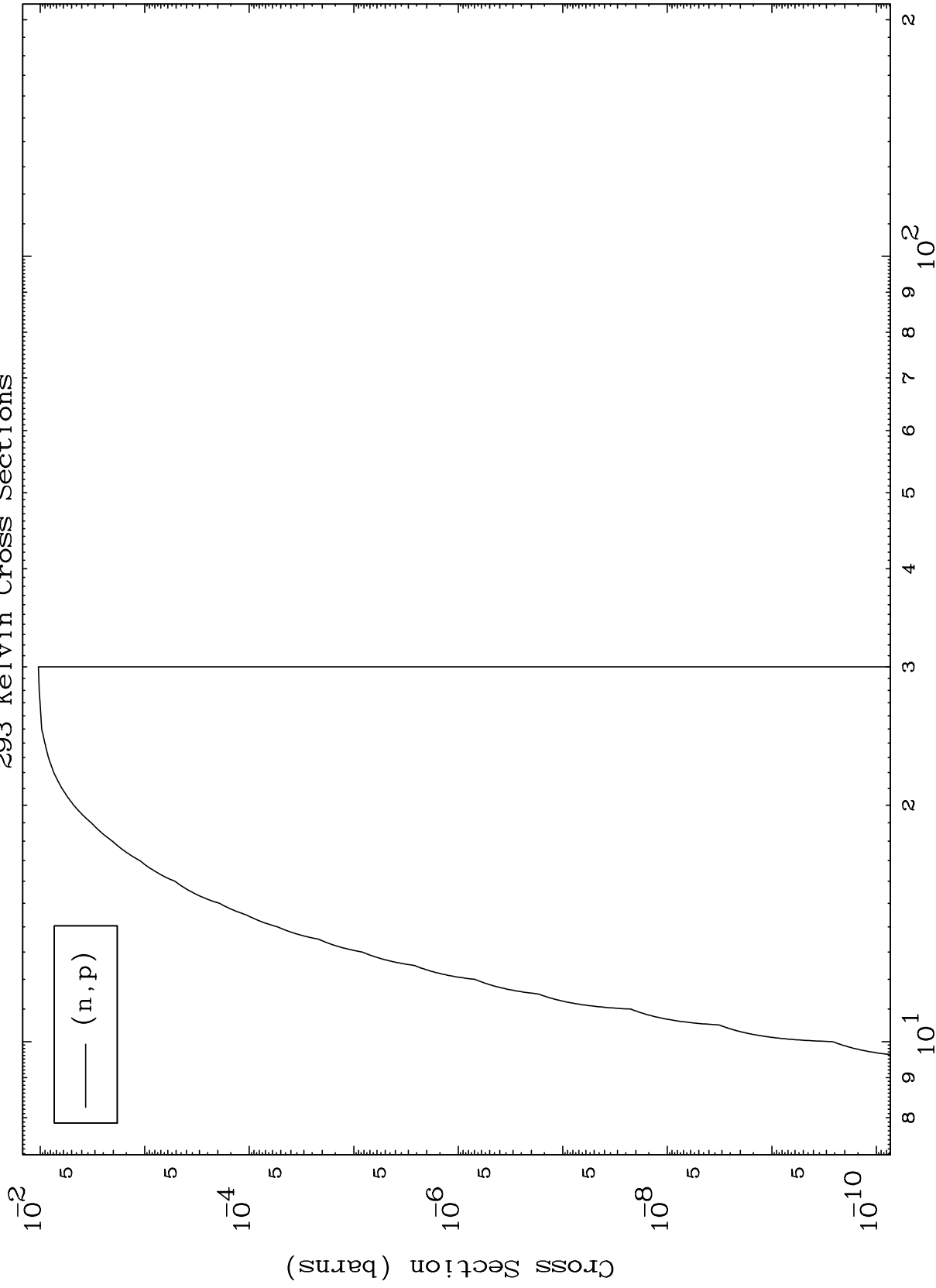
Incident Energy (MeV)

50-Sn-126

MAT 5067

(n,p) Levels  
293 Kelvin Cross Sections

50-Sn-126



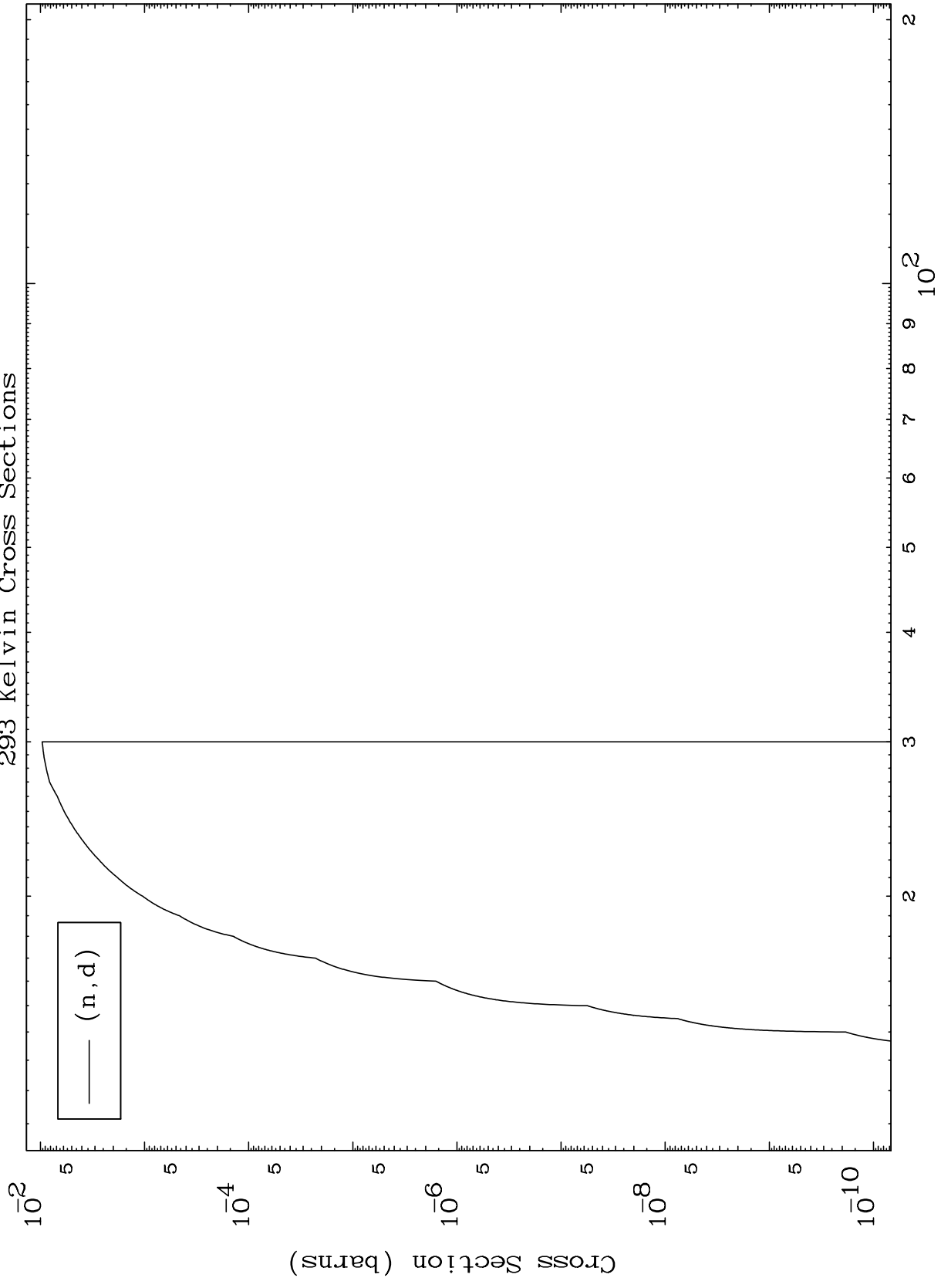
9

50-Sn-126

MAT 5067

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-126



10

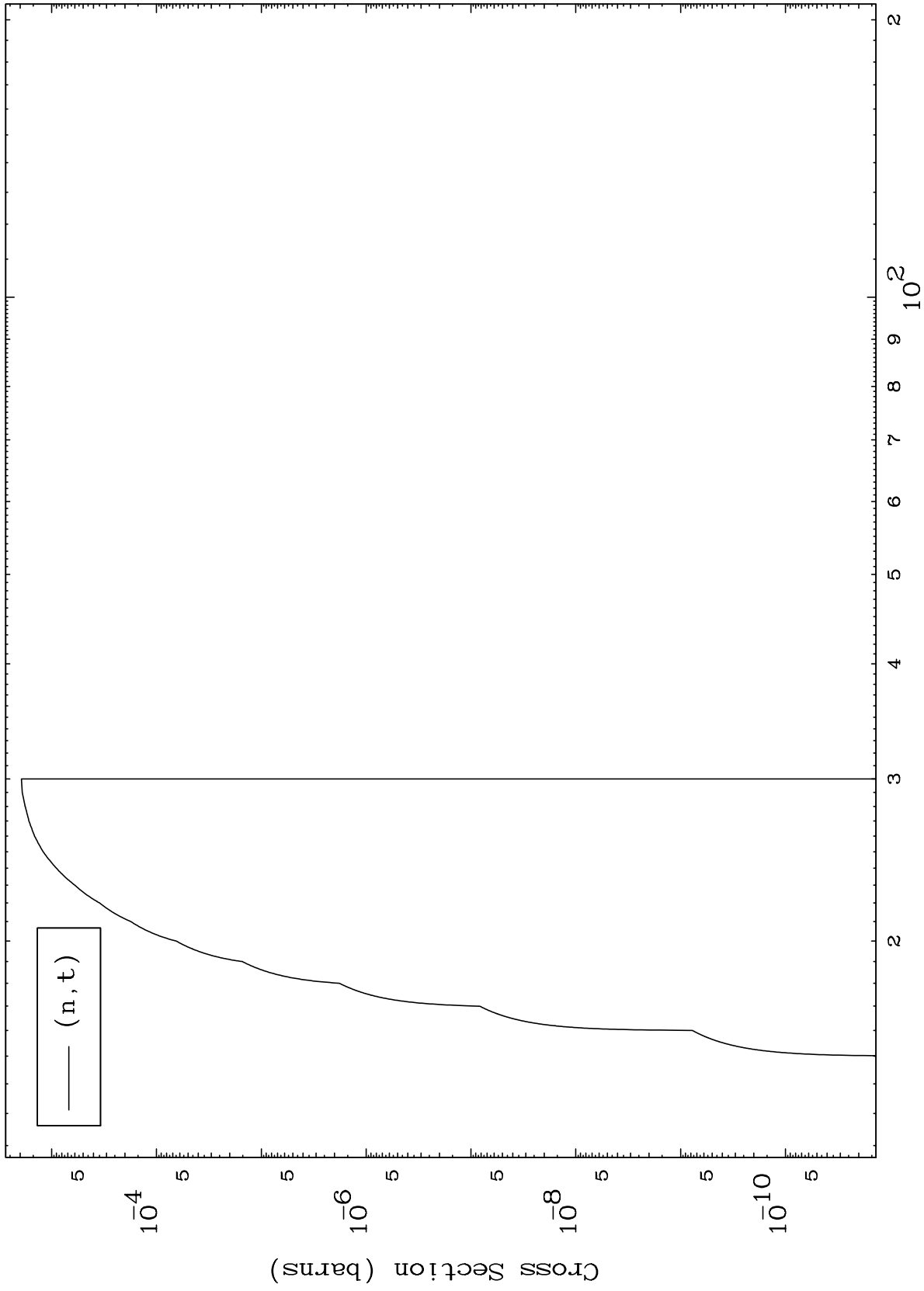
Incident Energy (MeV)

50-Sn-126

MAT 5067

(n,t) Levels  
293 Kelvin Cross Sections

50-Sn-126



11

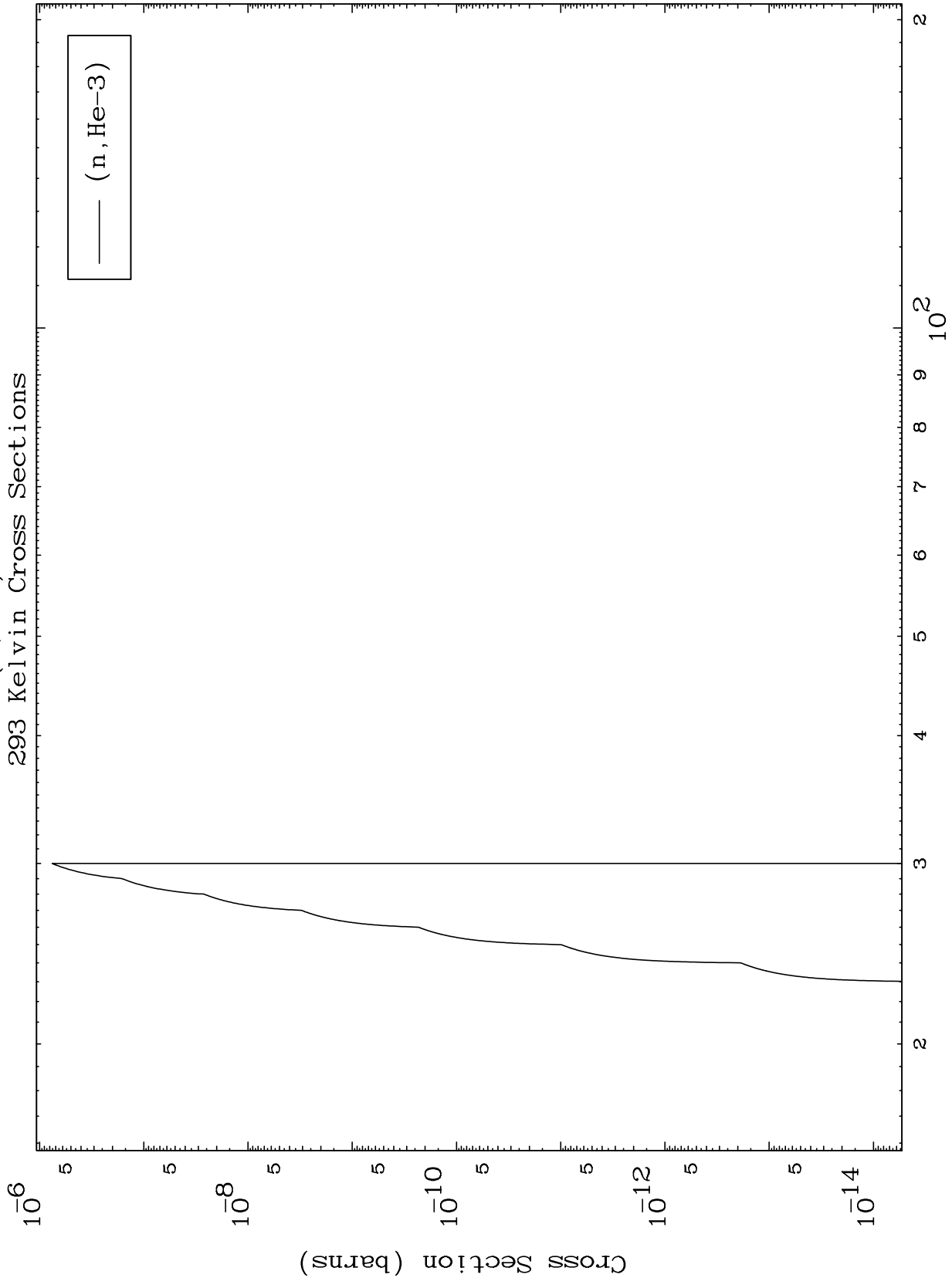
Incident Energy (MeV)

50-Sn-126

MAT 5067

(n,He3) Levels  
293 Kelvin Cross Sections

50-Sn-126



12

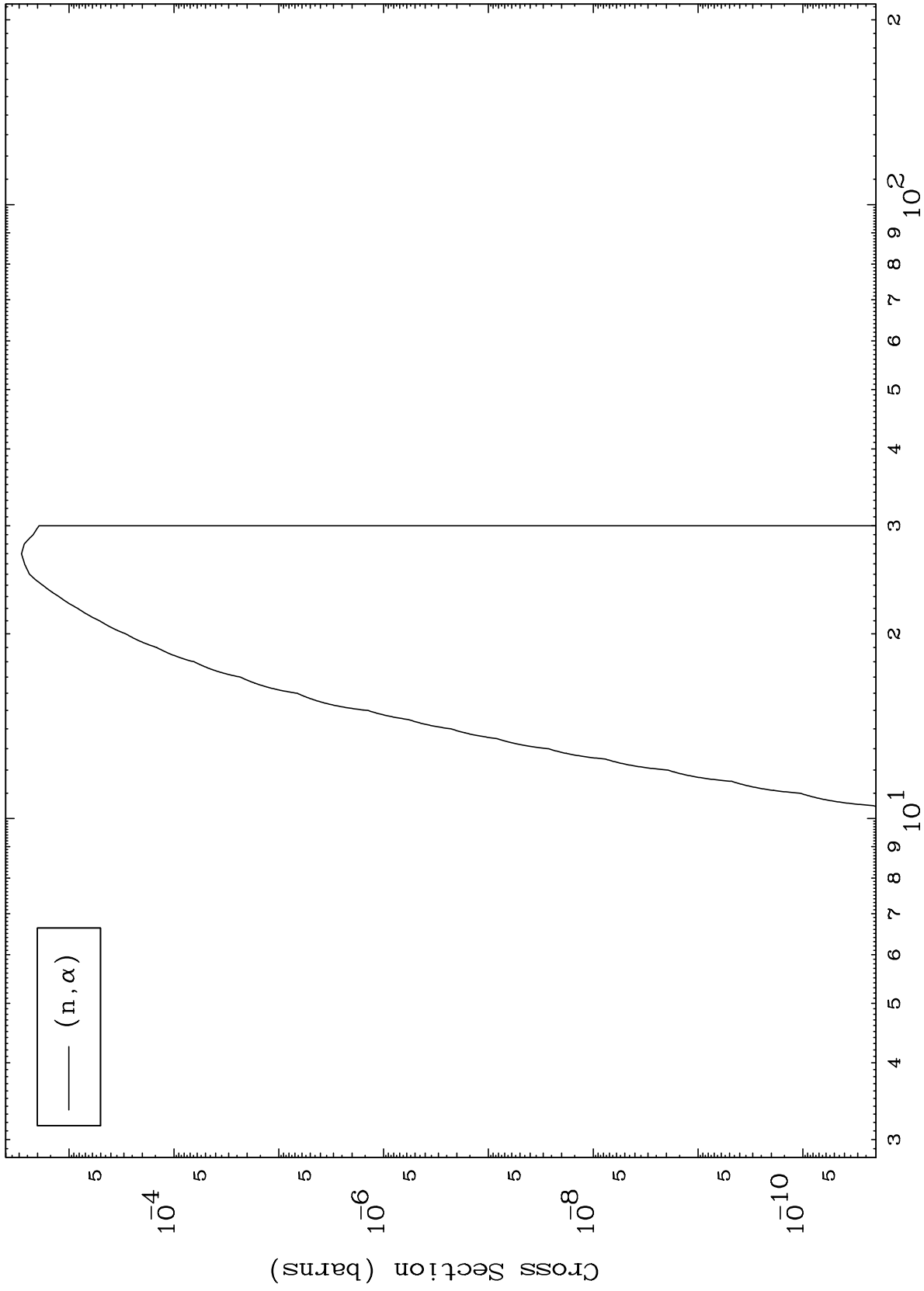
Incident Energy (MeV)

50-Sn-126

MAT 5067

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

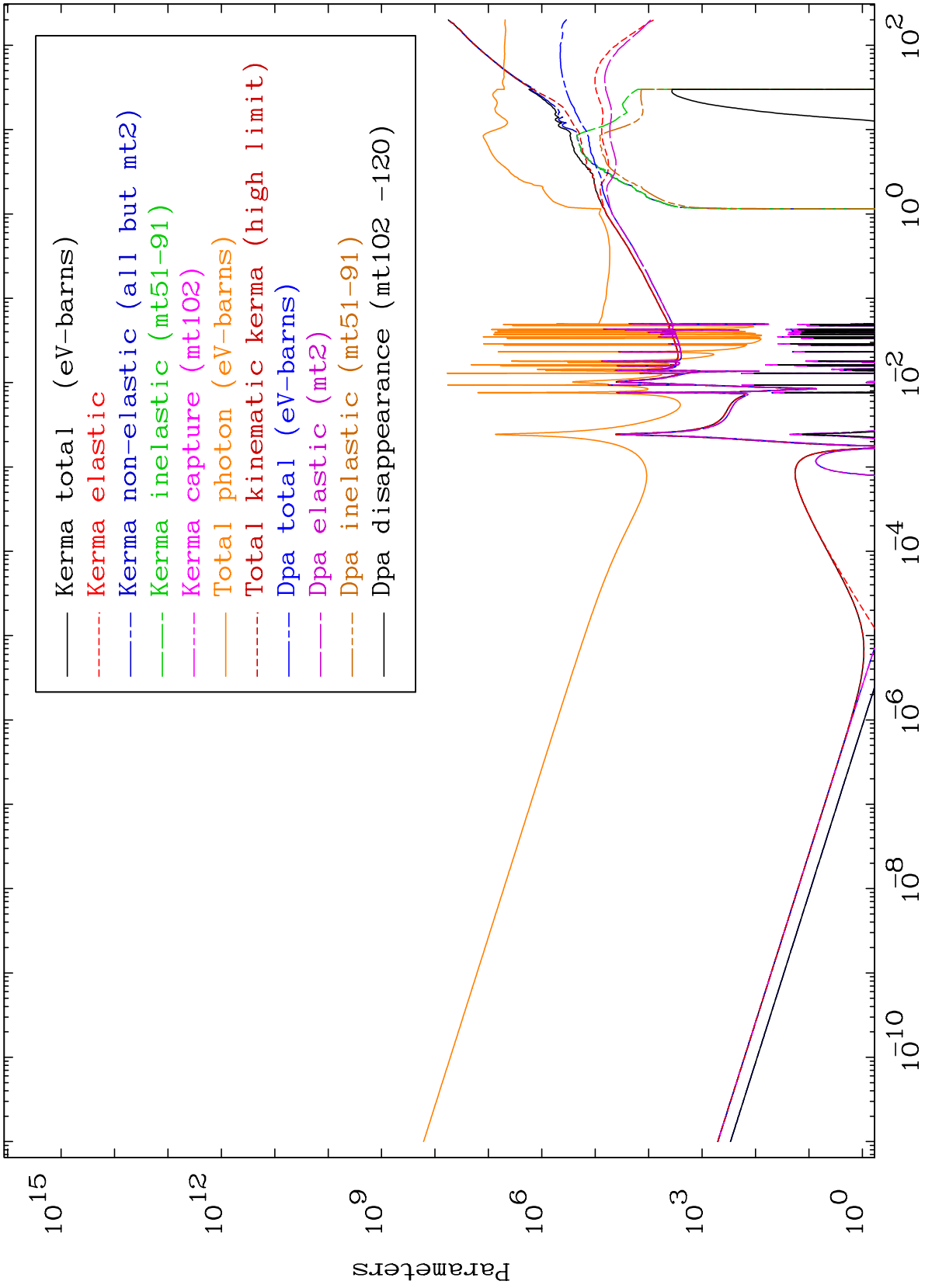
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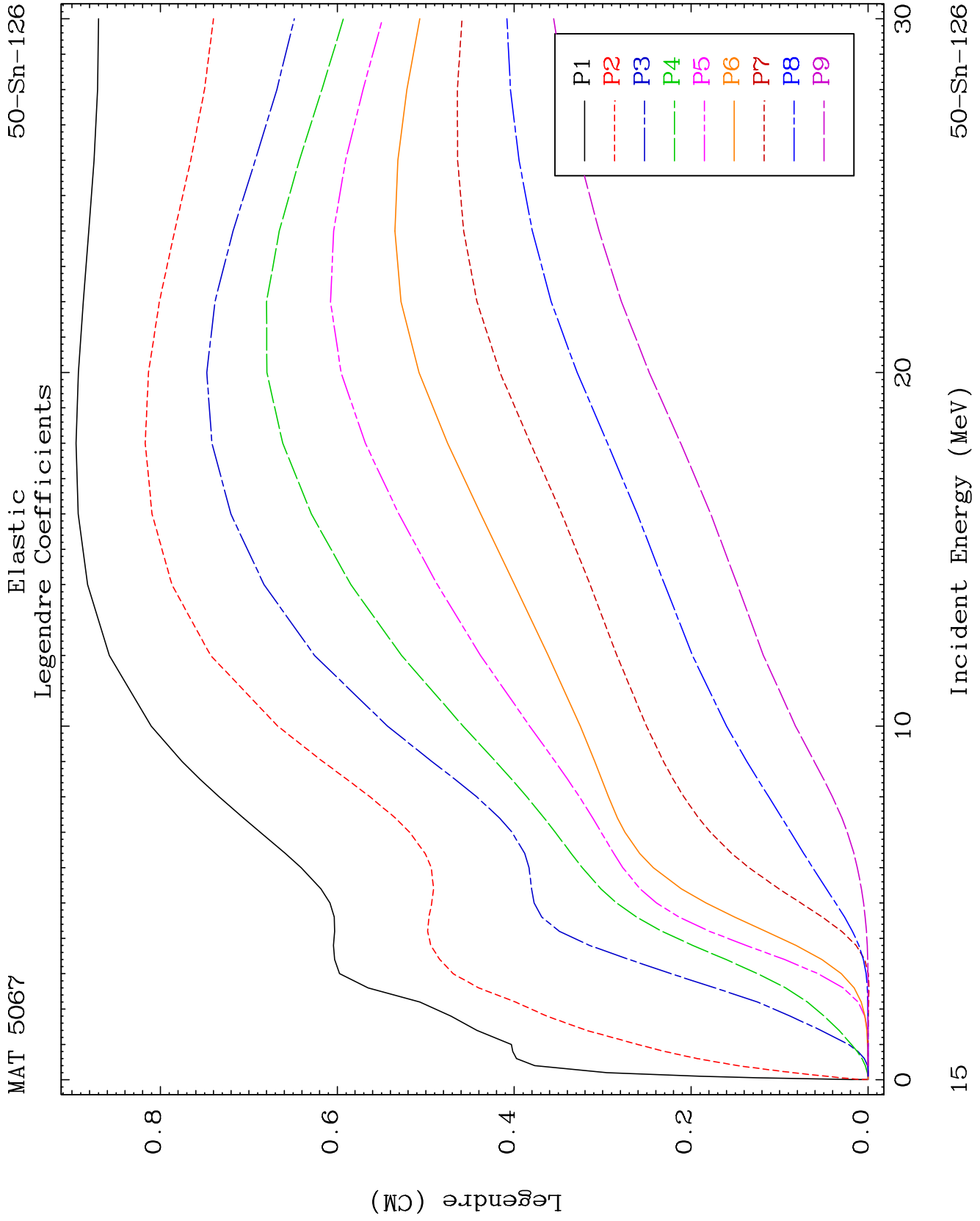


13

Incident Energy (MeV)

50-Sn-126



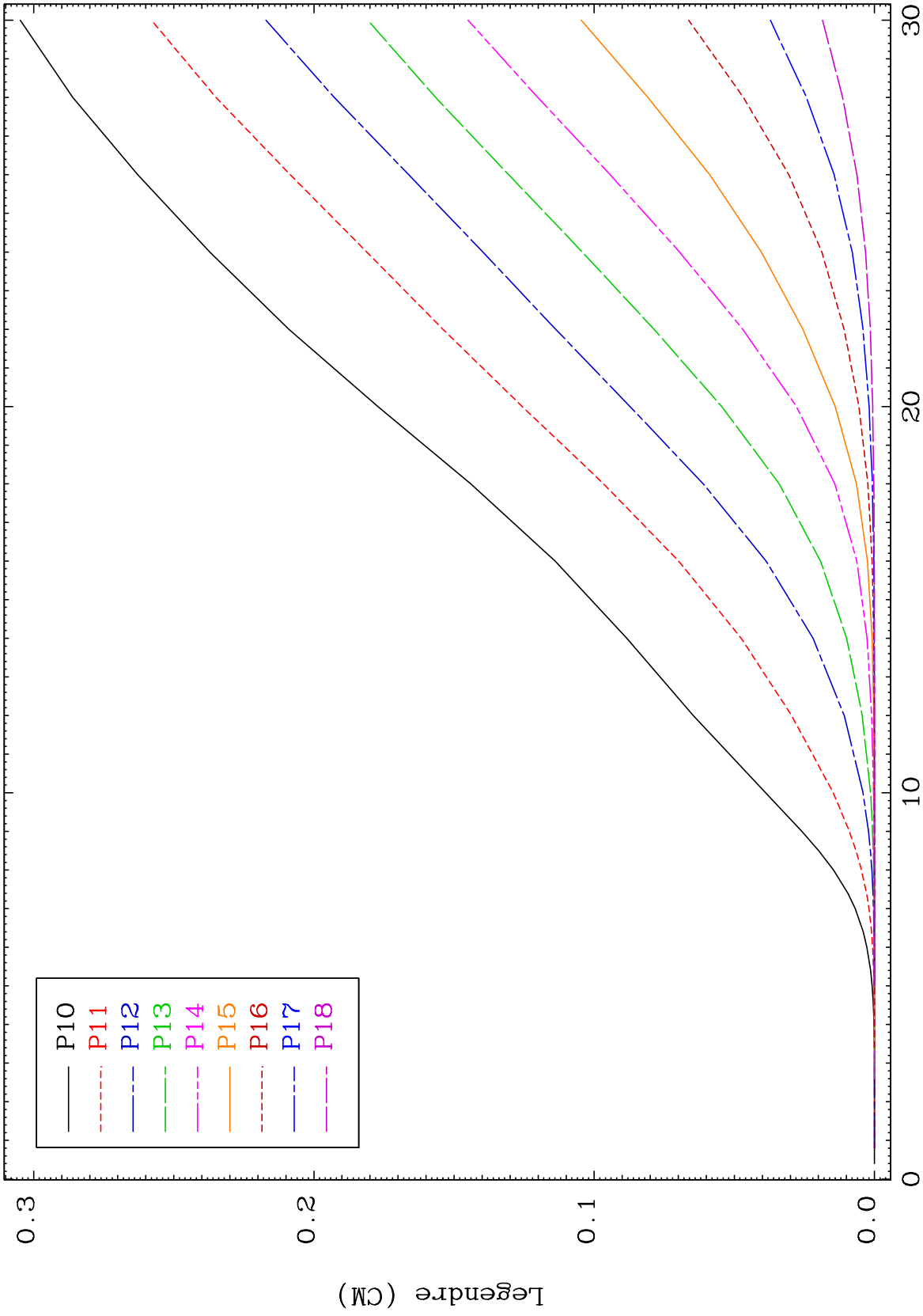




MAT 5067

Elastic Legendre Coefficients

50-Sn-126



16

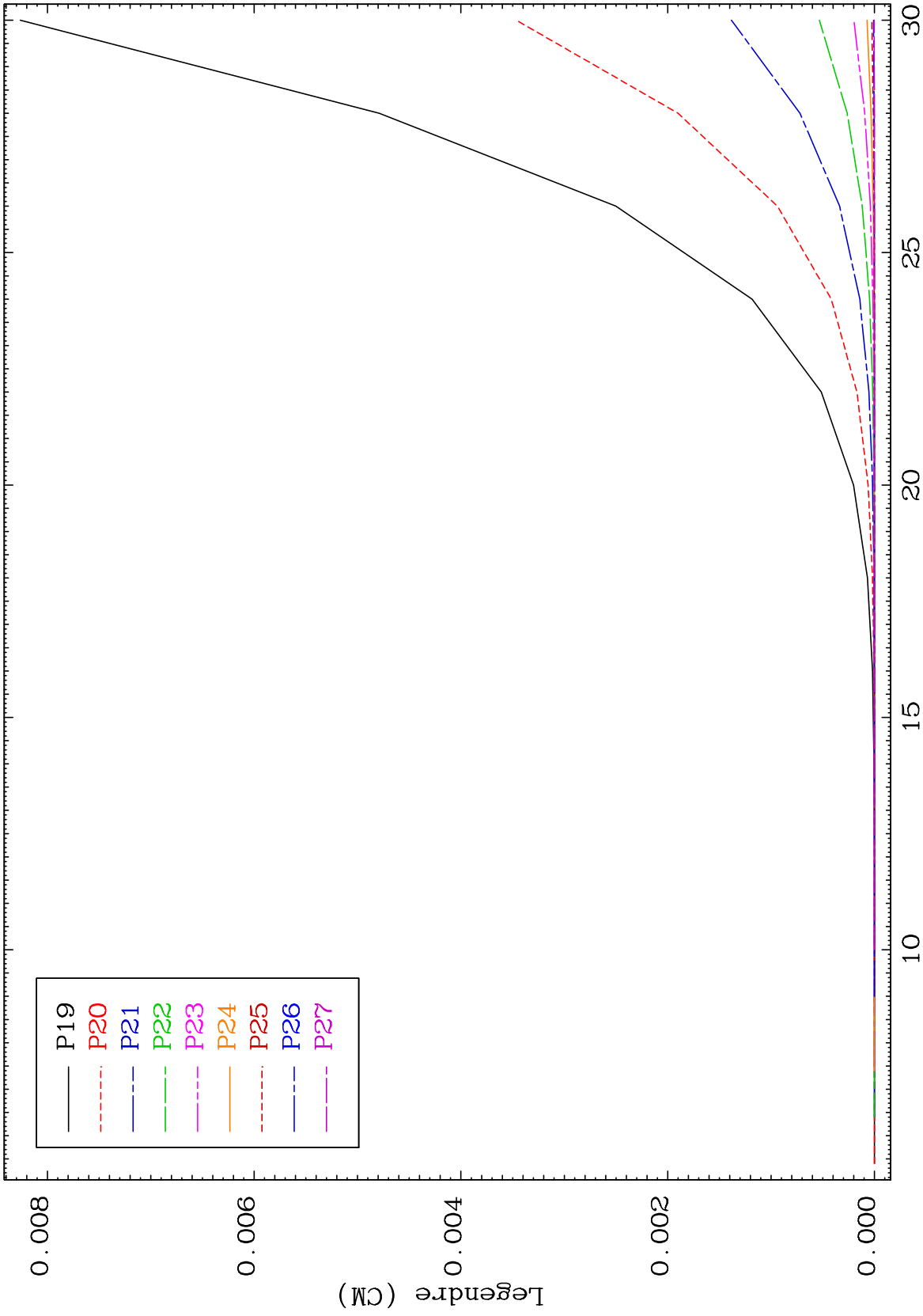
Incident Energy (MeV)

50-Sn-126

MAT 5067

Elastic Legendre Coefficients

50-Sn-126



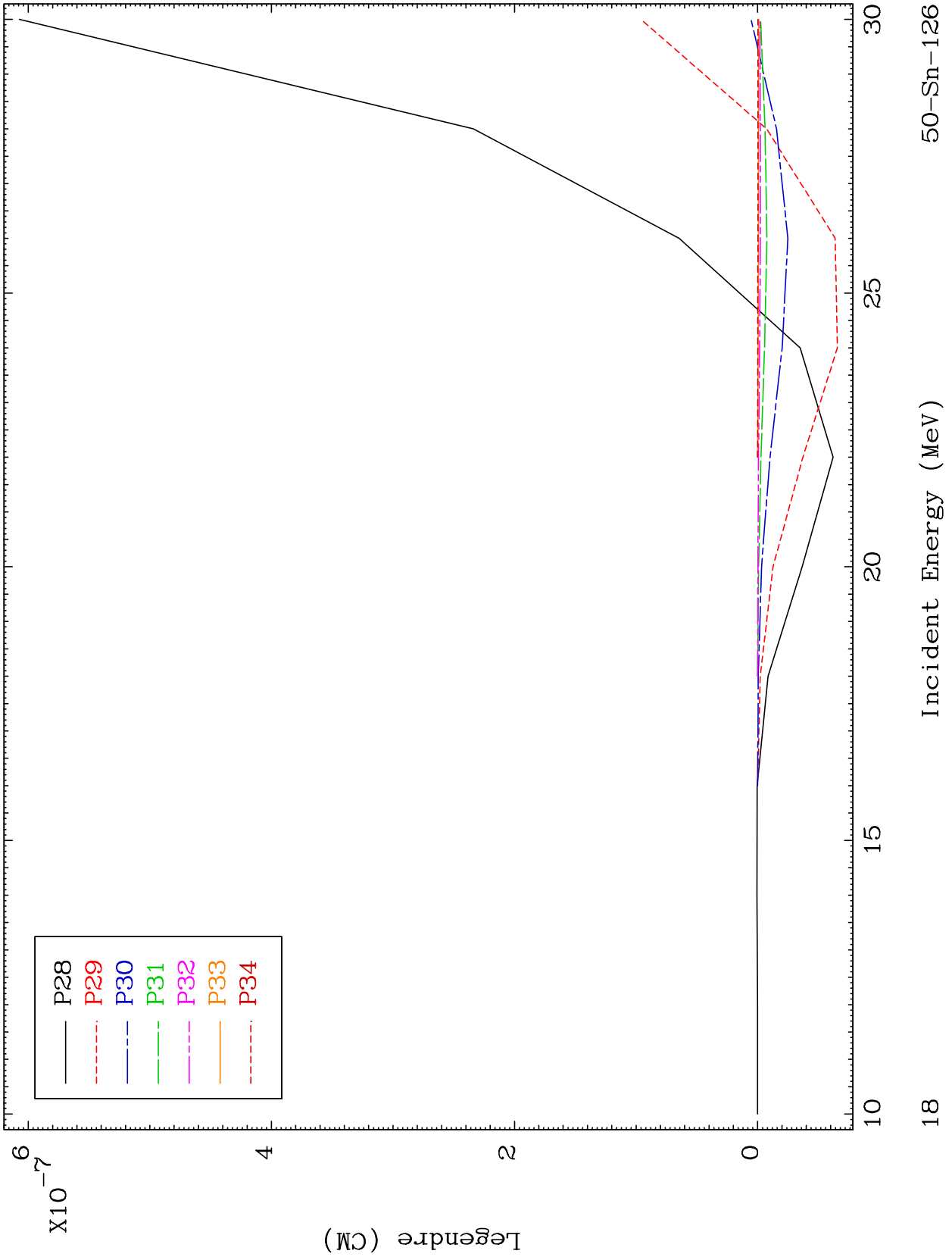
17

50-Sn-126

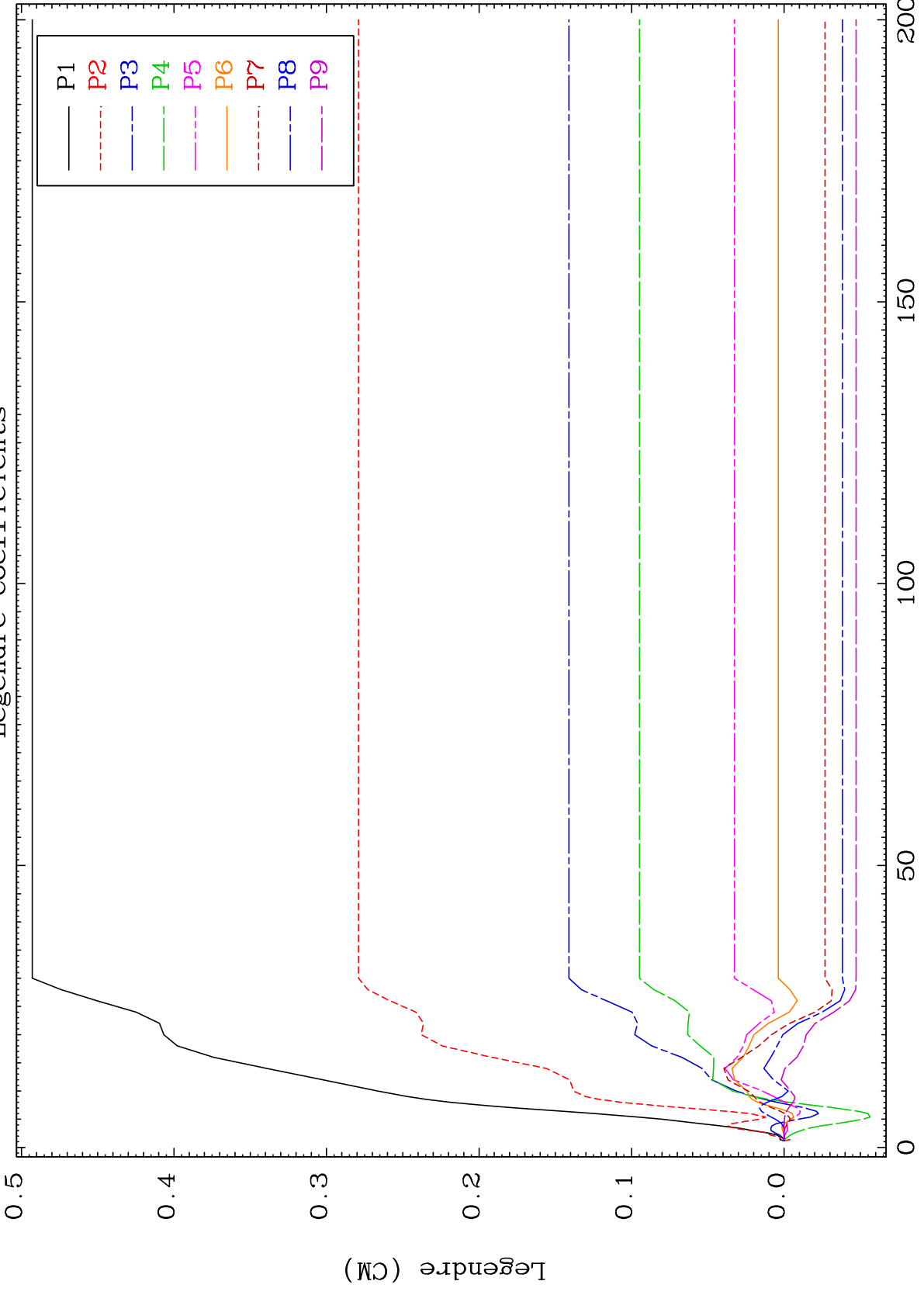
MAT 5067

Elastic Legendre Coefficients

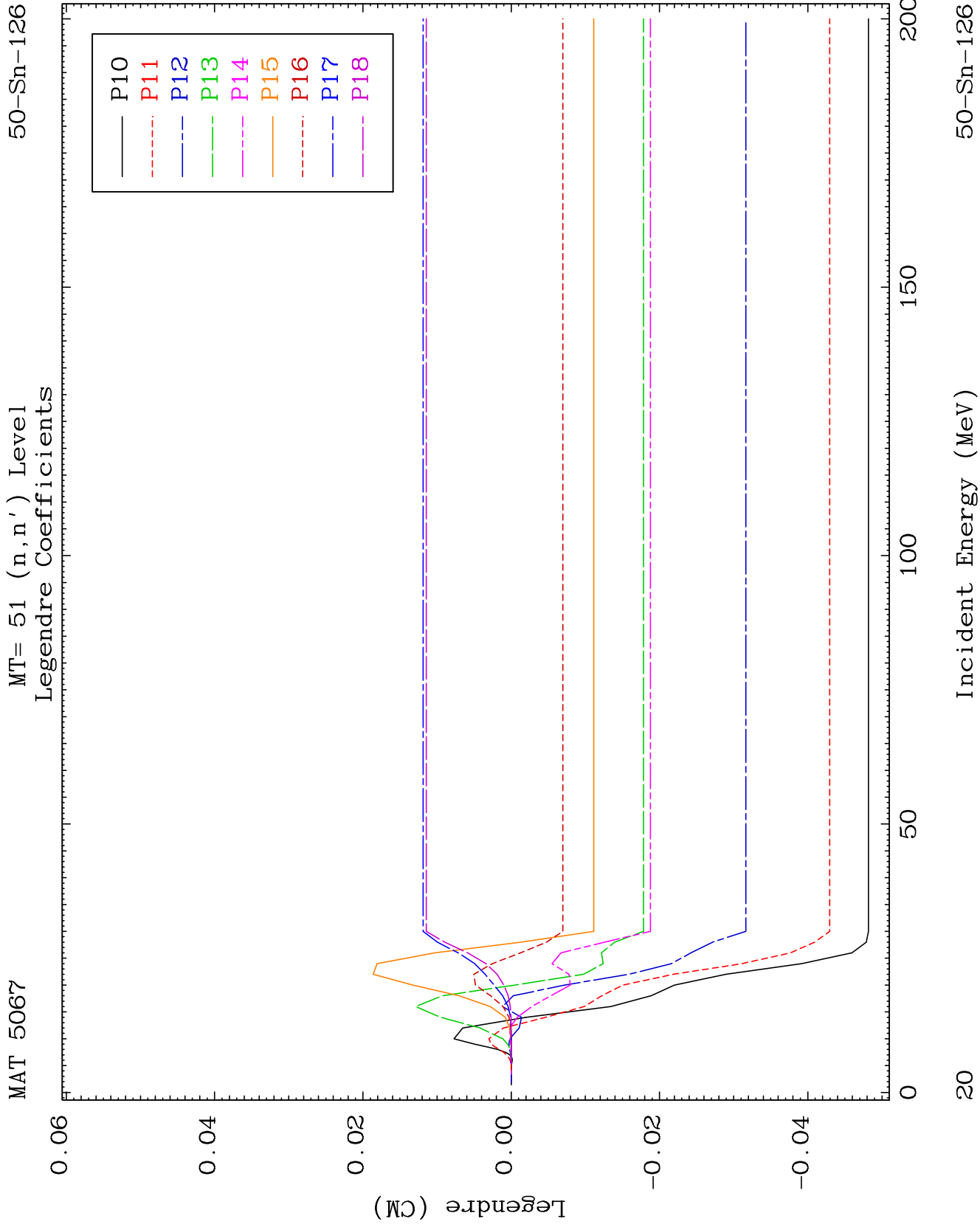
50-Sn-126



MAT 5067 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-126



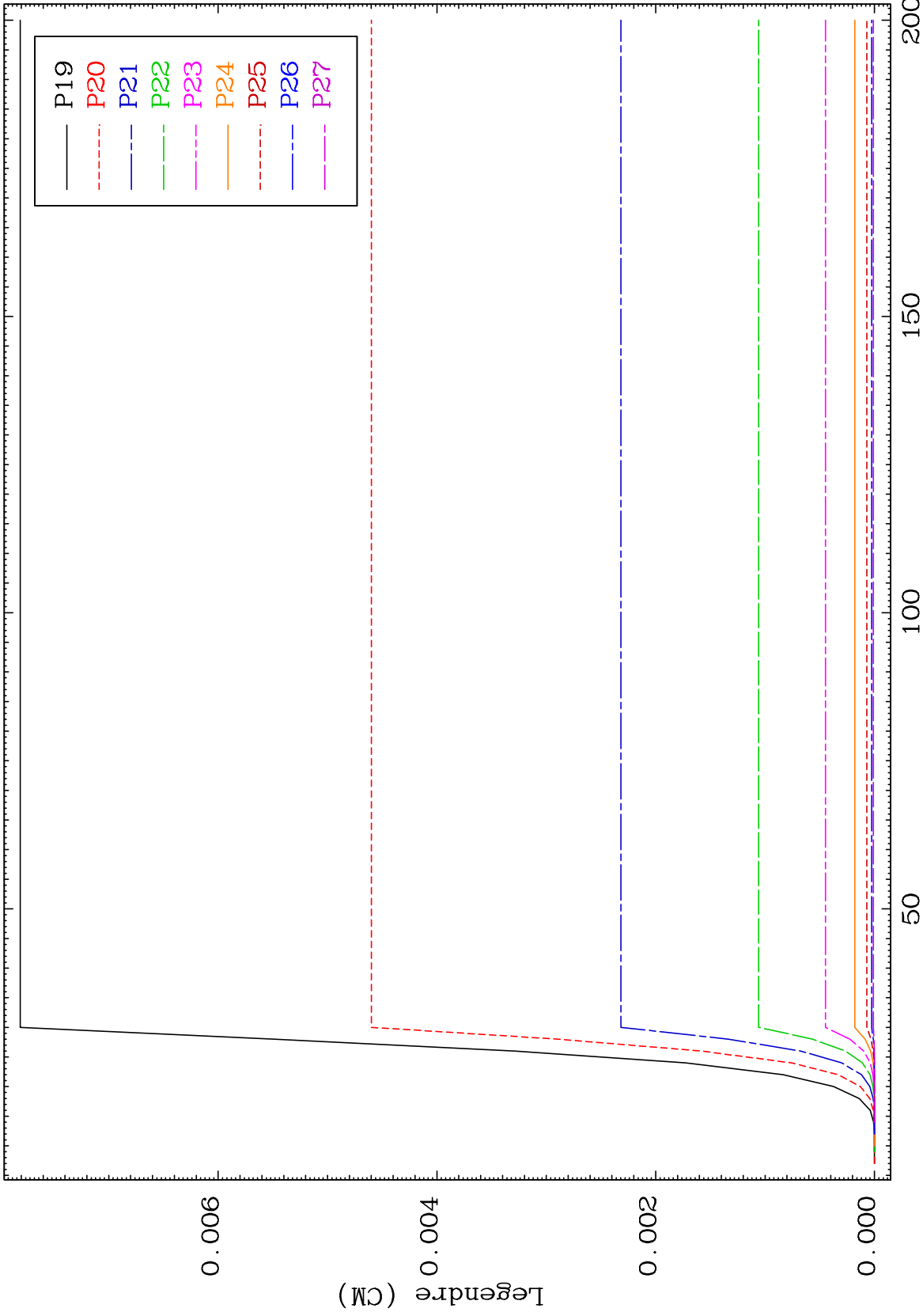
19 50-Sn-126



MAT 5067

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

50-Sn-126



21

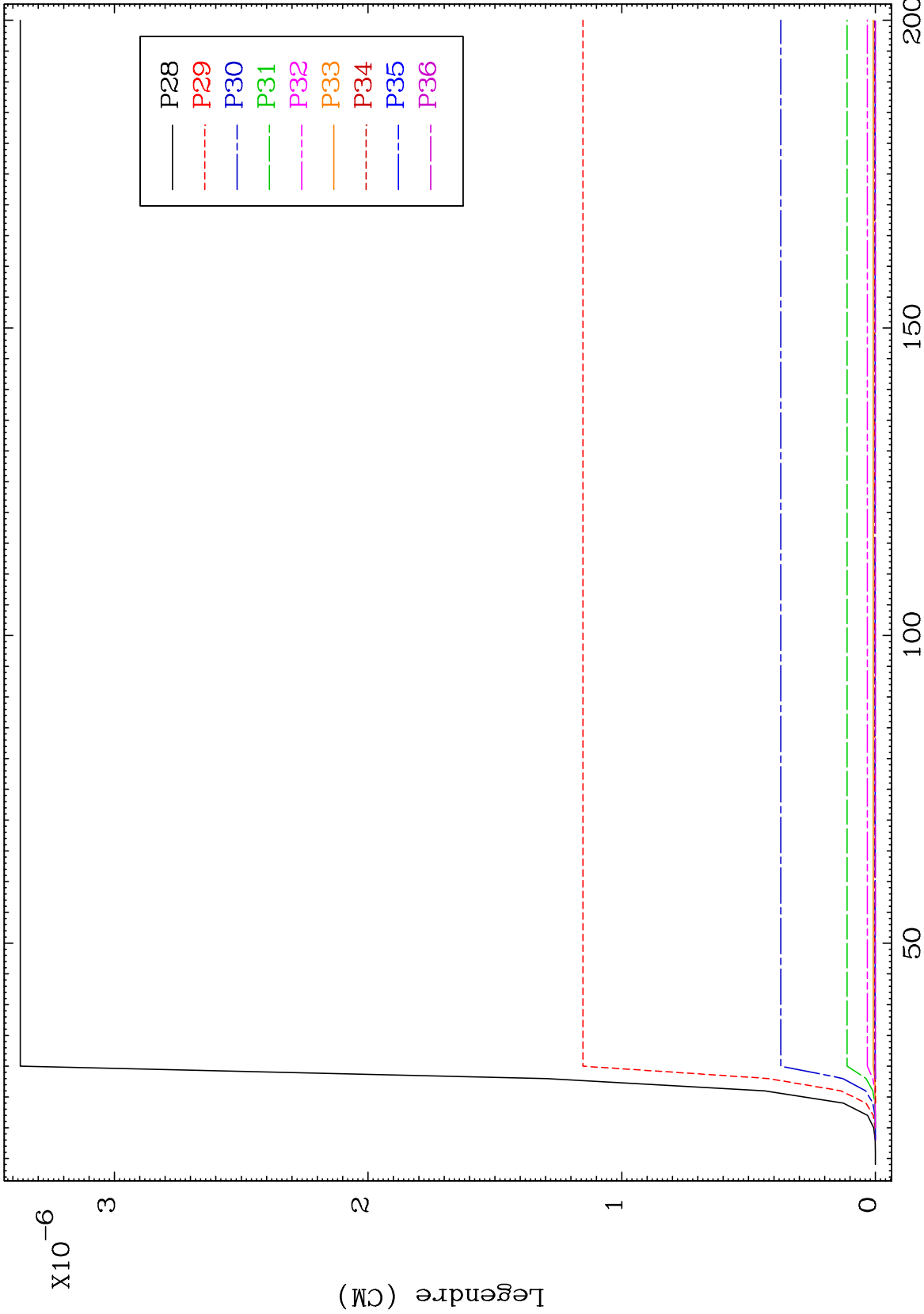
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



22

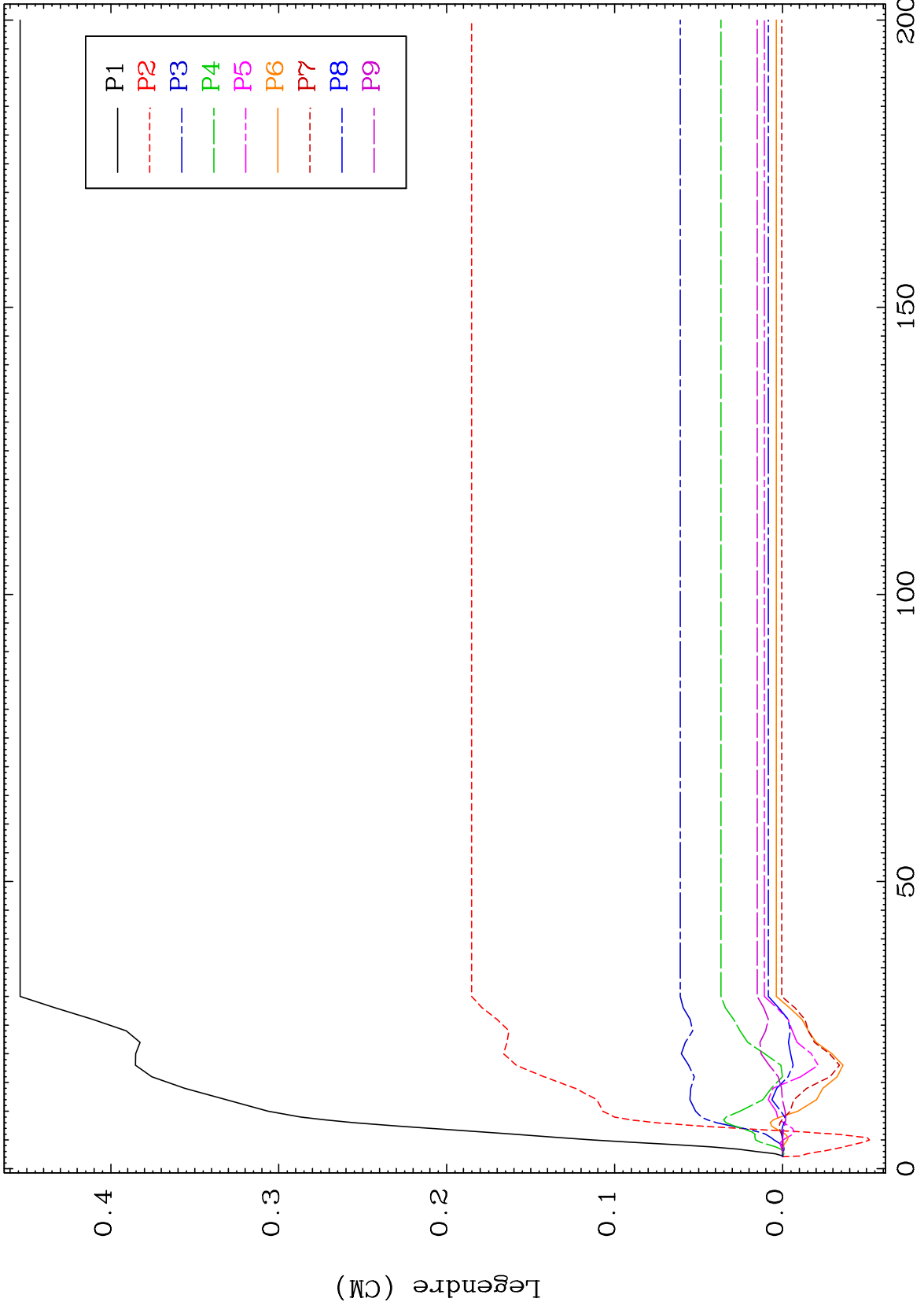
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



23

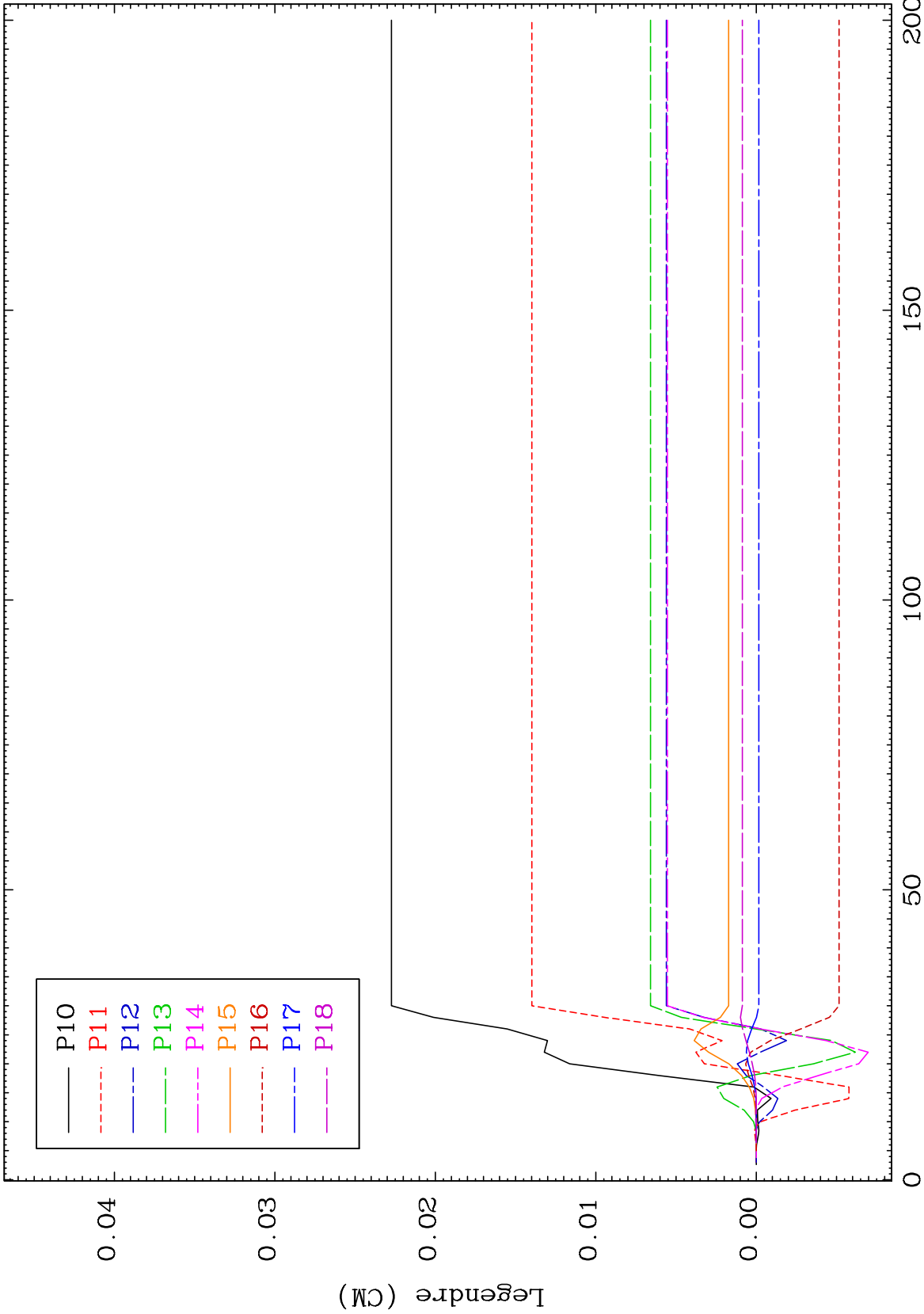
50-Sn-126



MAT 5067

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

50-Sn-126



24

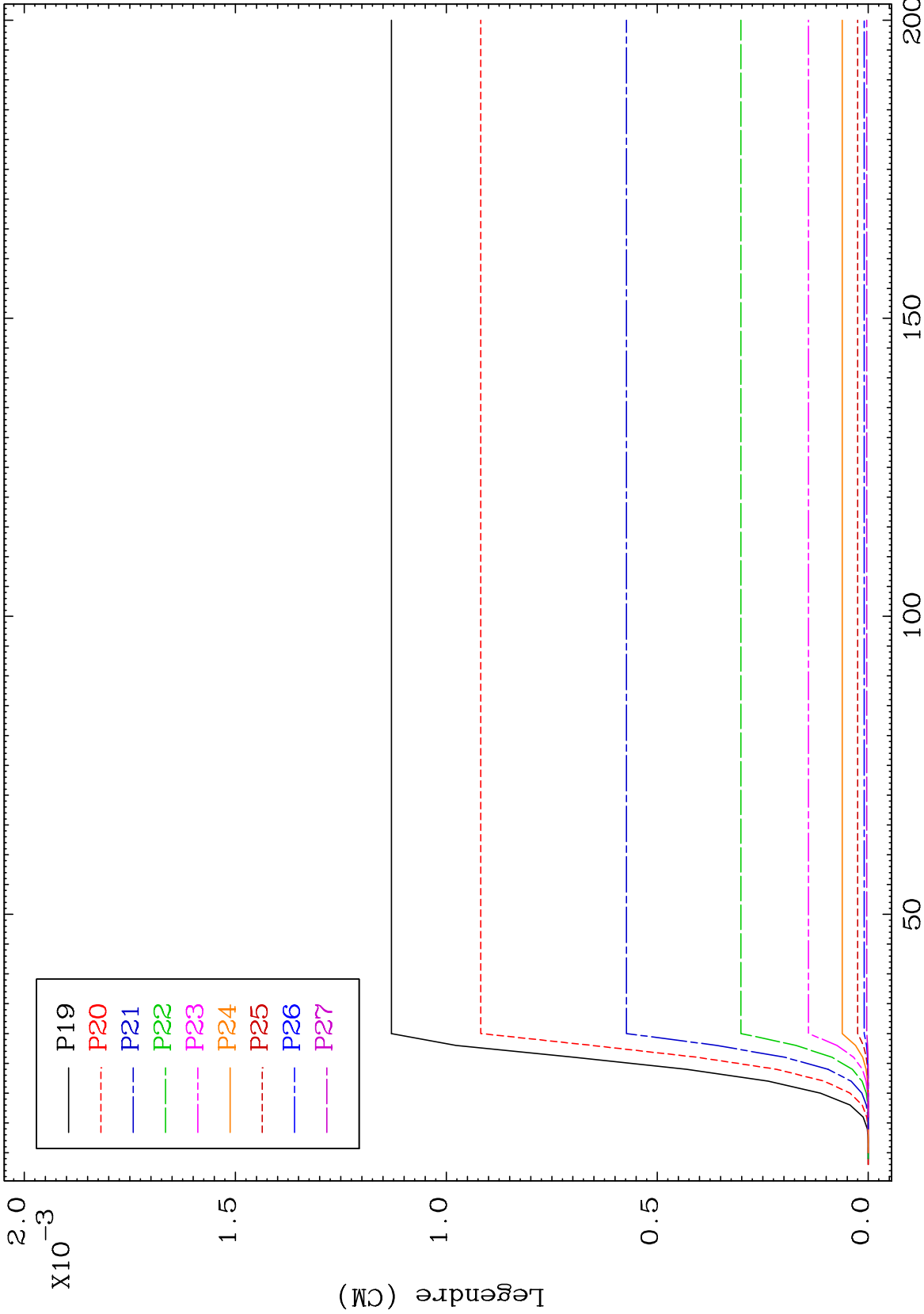
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



25

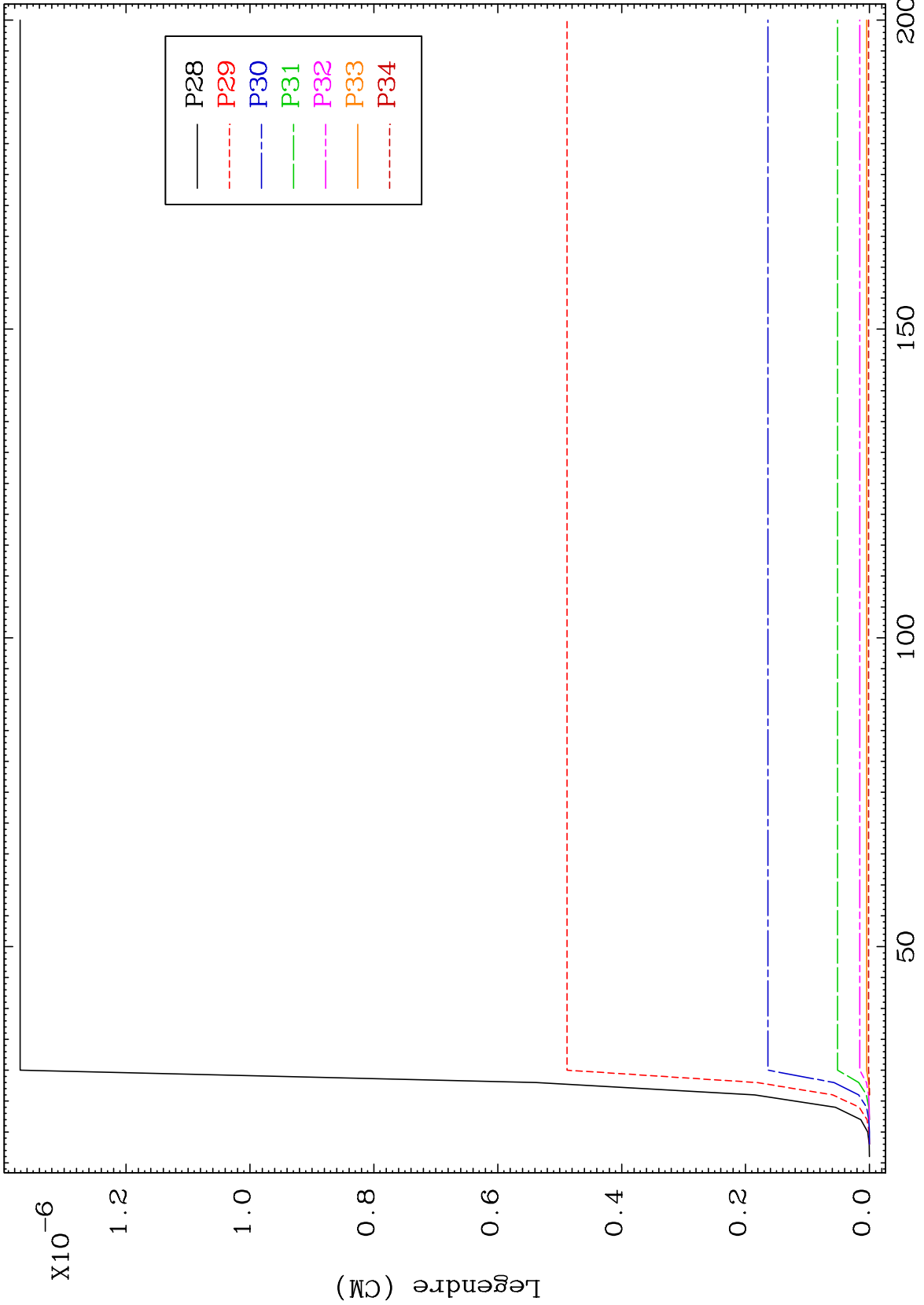
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



26

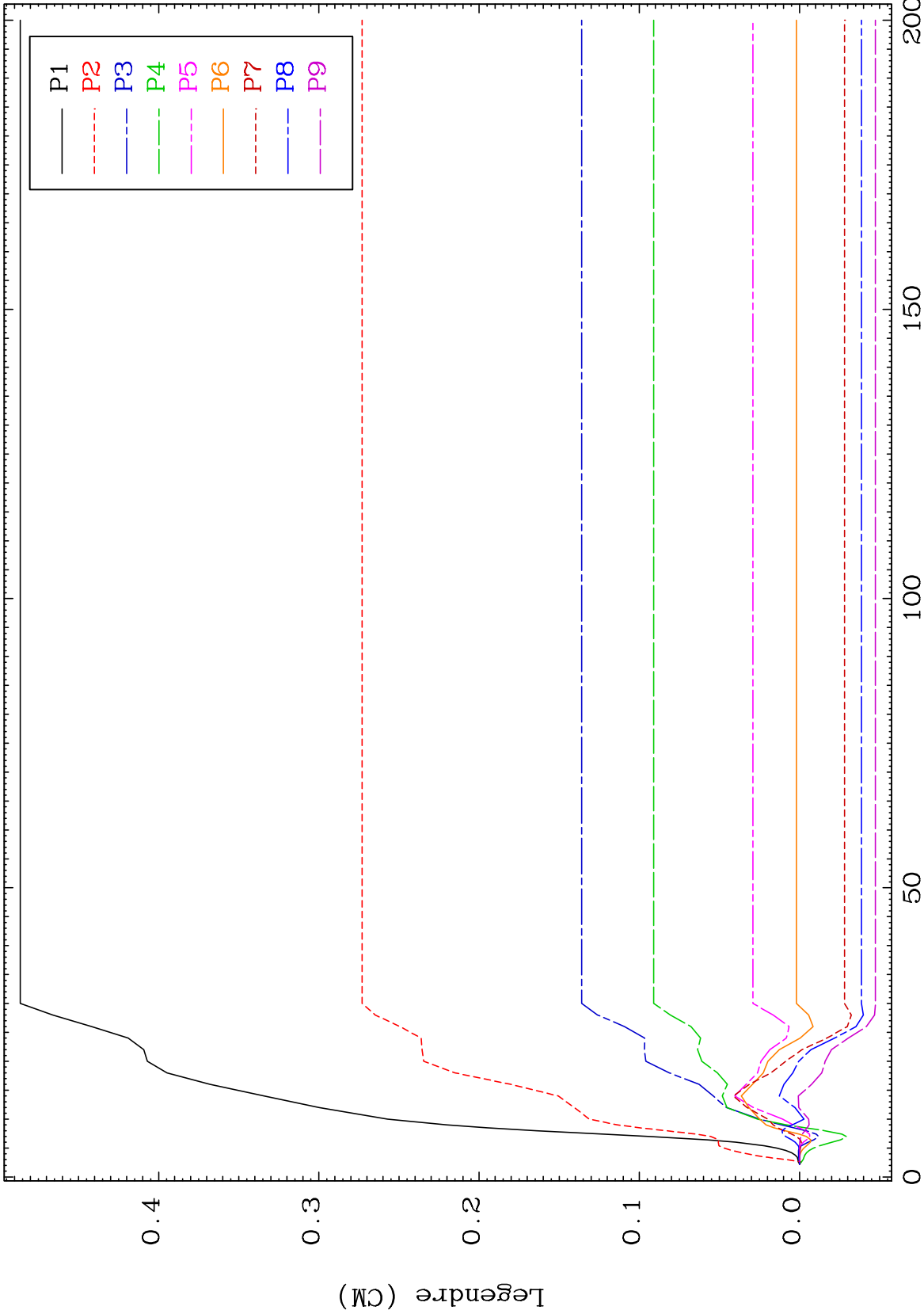
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



27

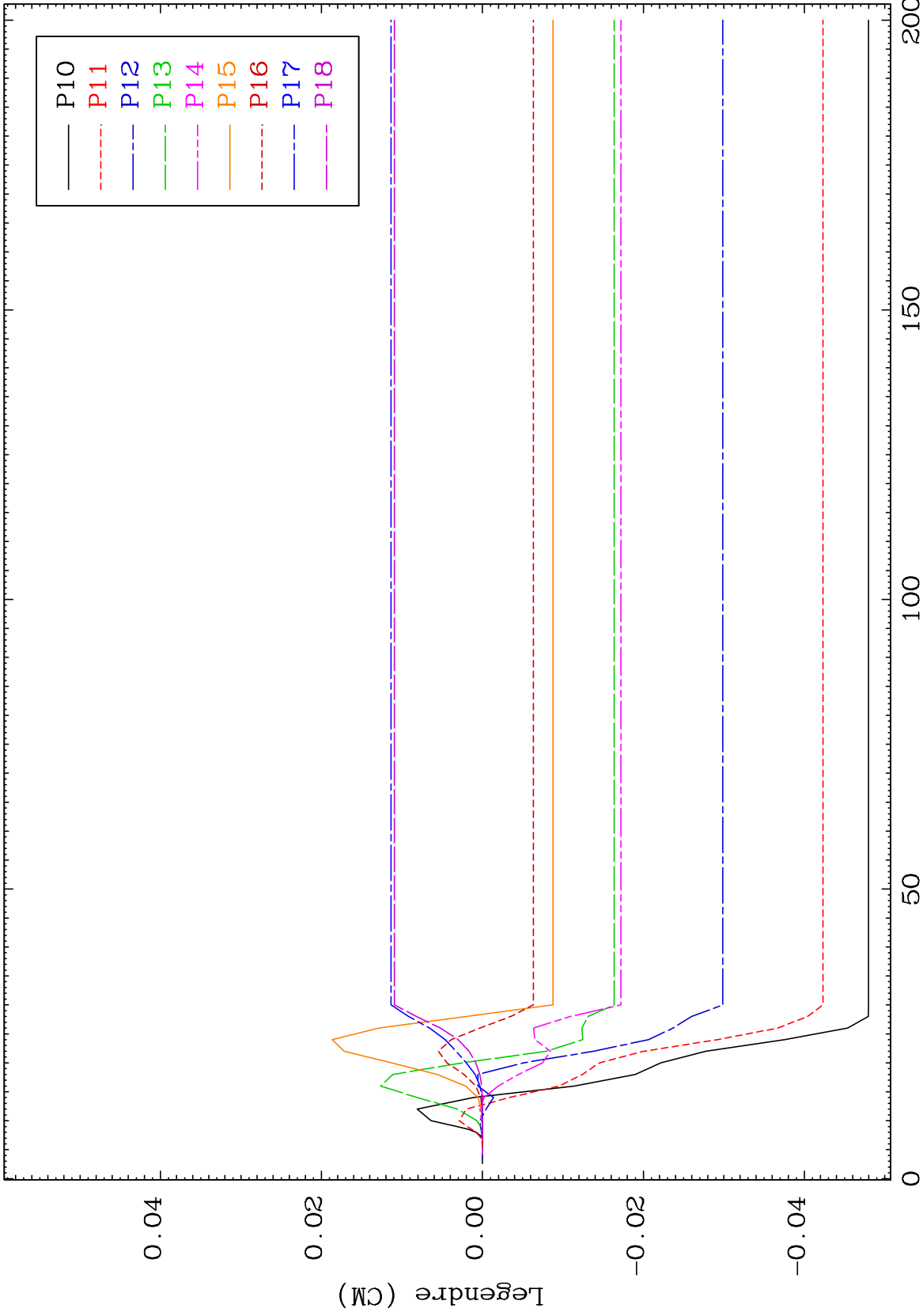
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



28

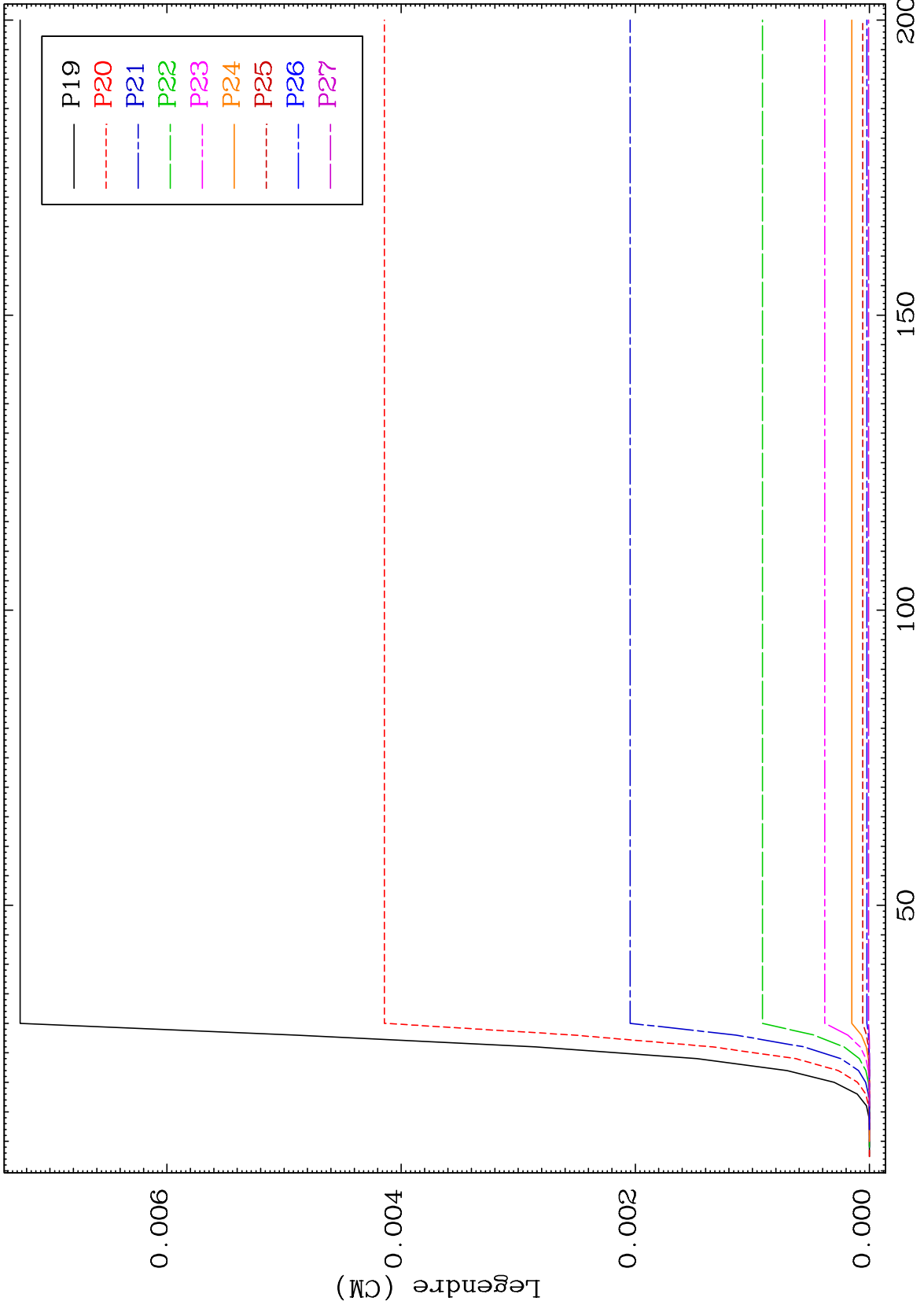
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



29

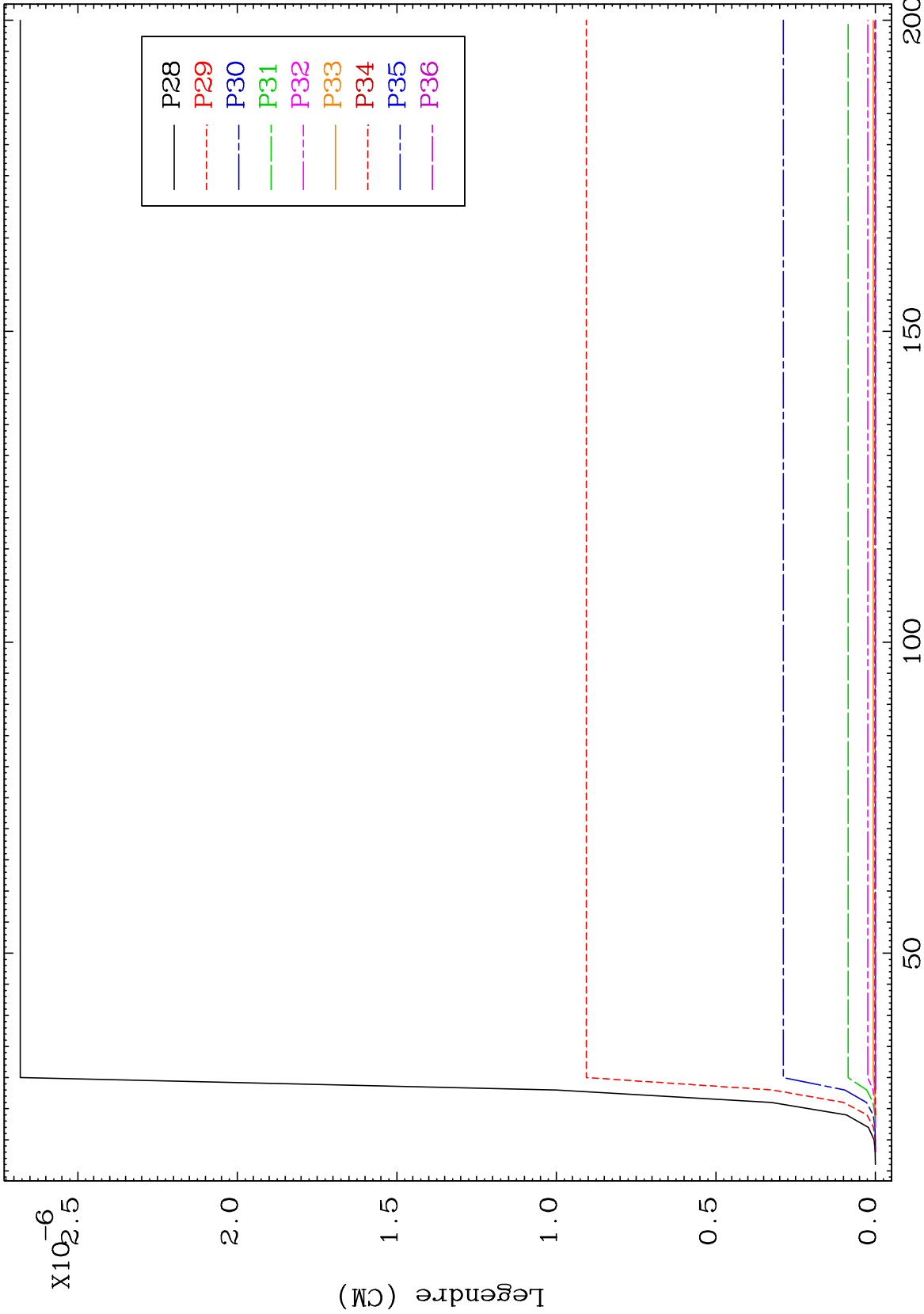
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



30

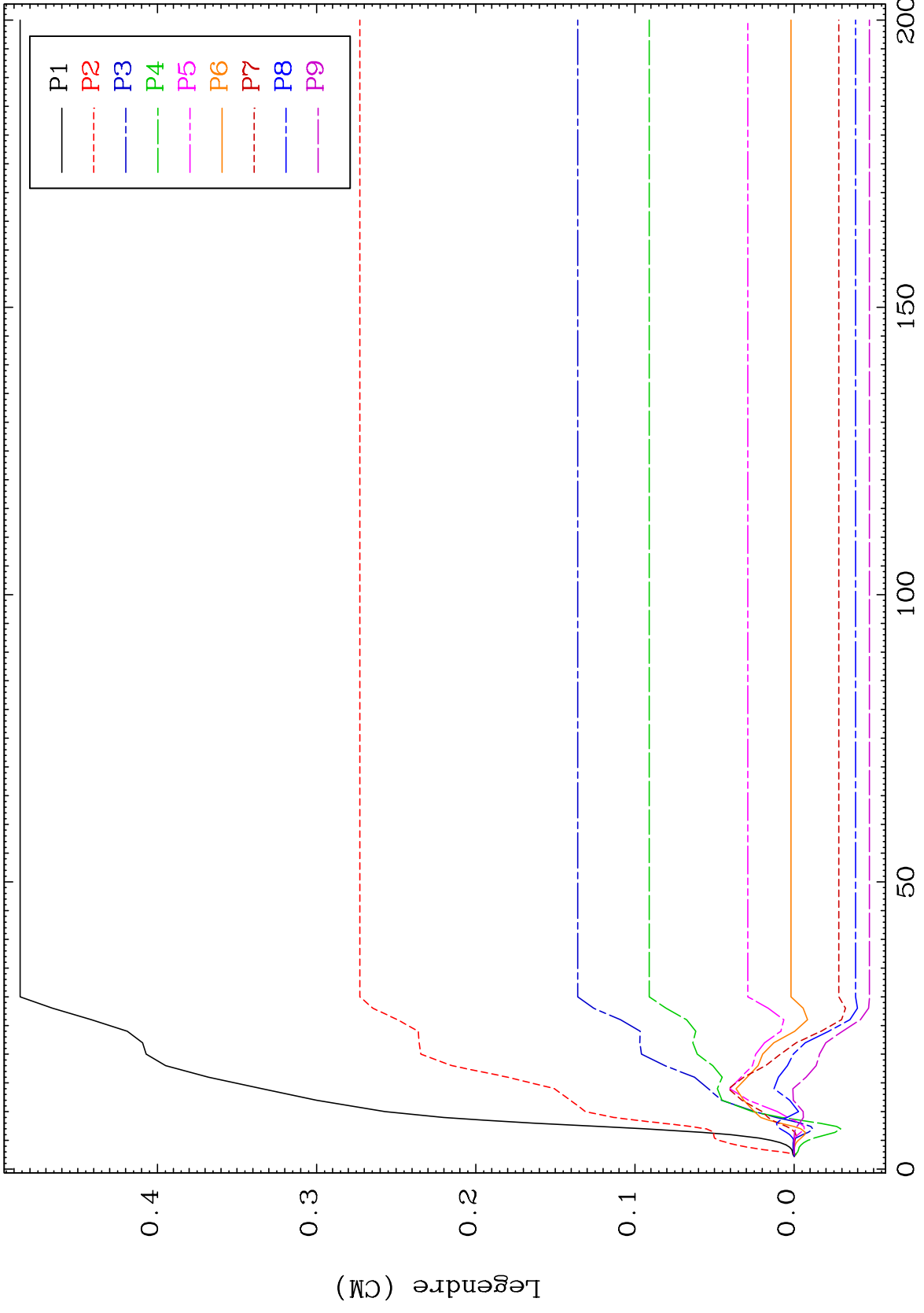
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



31

Incident Energy (MeV)

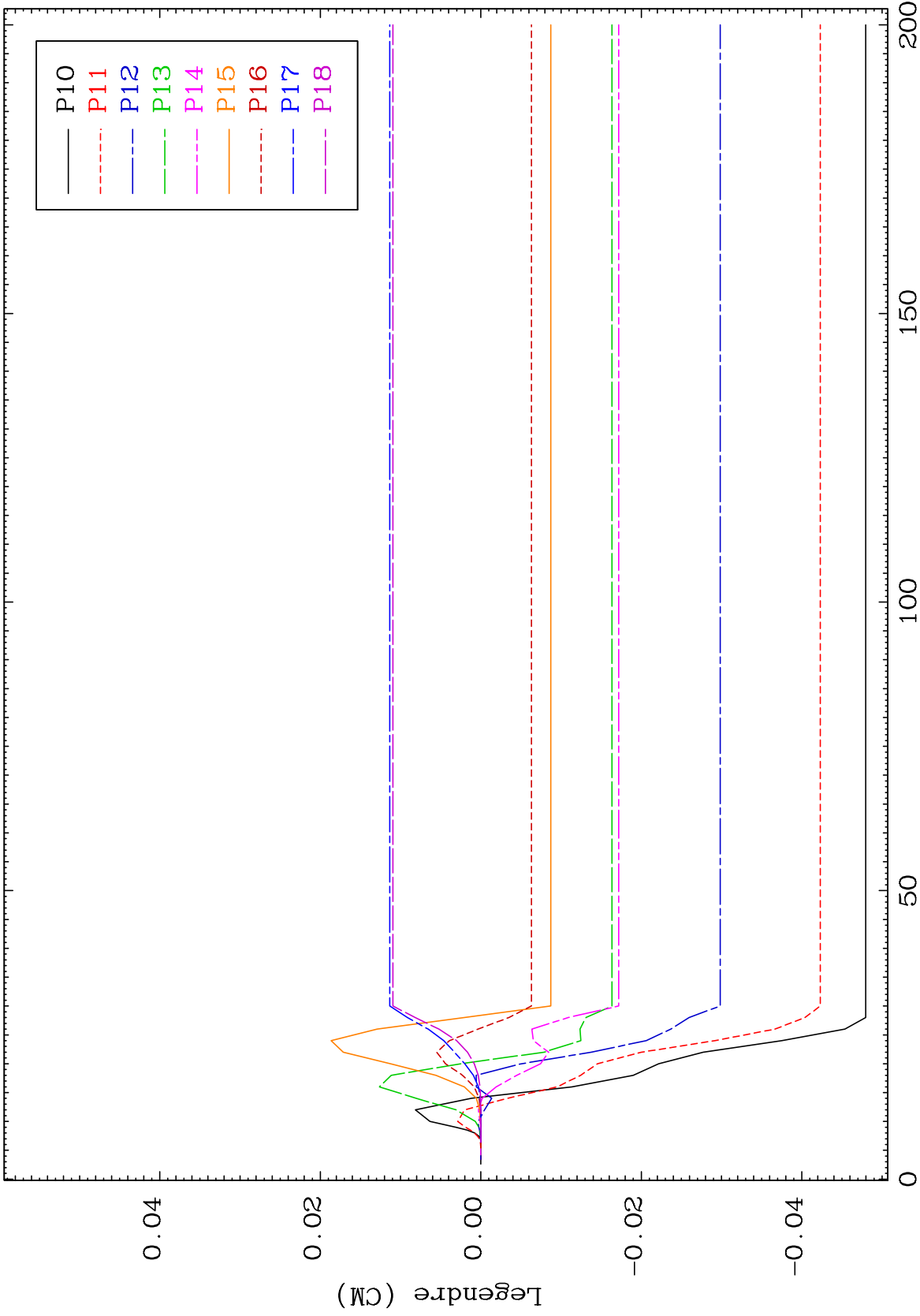
50-Sn-126



MAT 5067

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

50-Sn-126



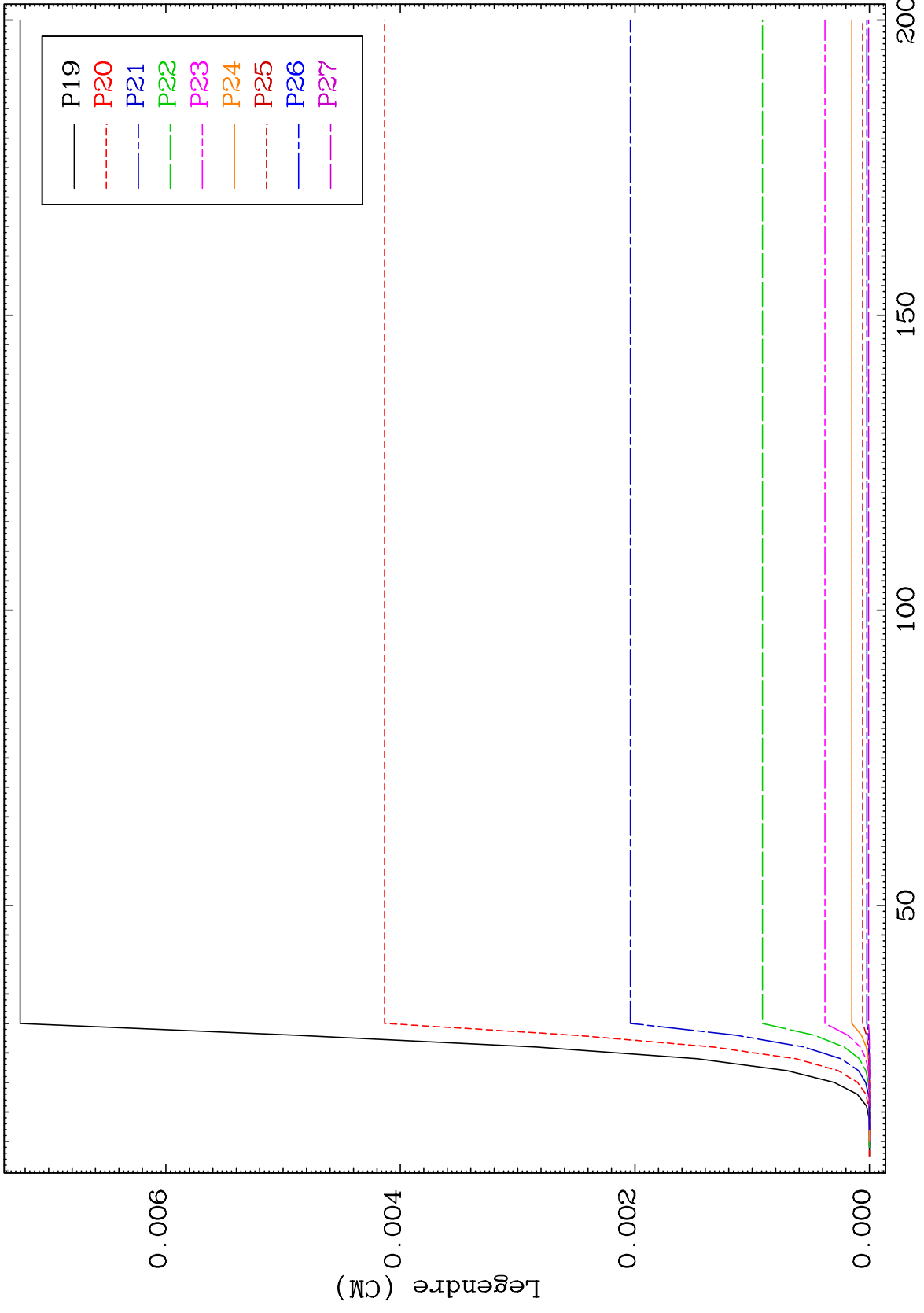
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50-Sn-126

MAT 5067

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

50-Sn-126



33

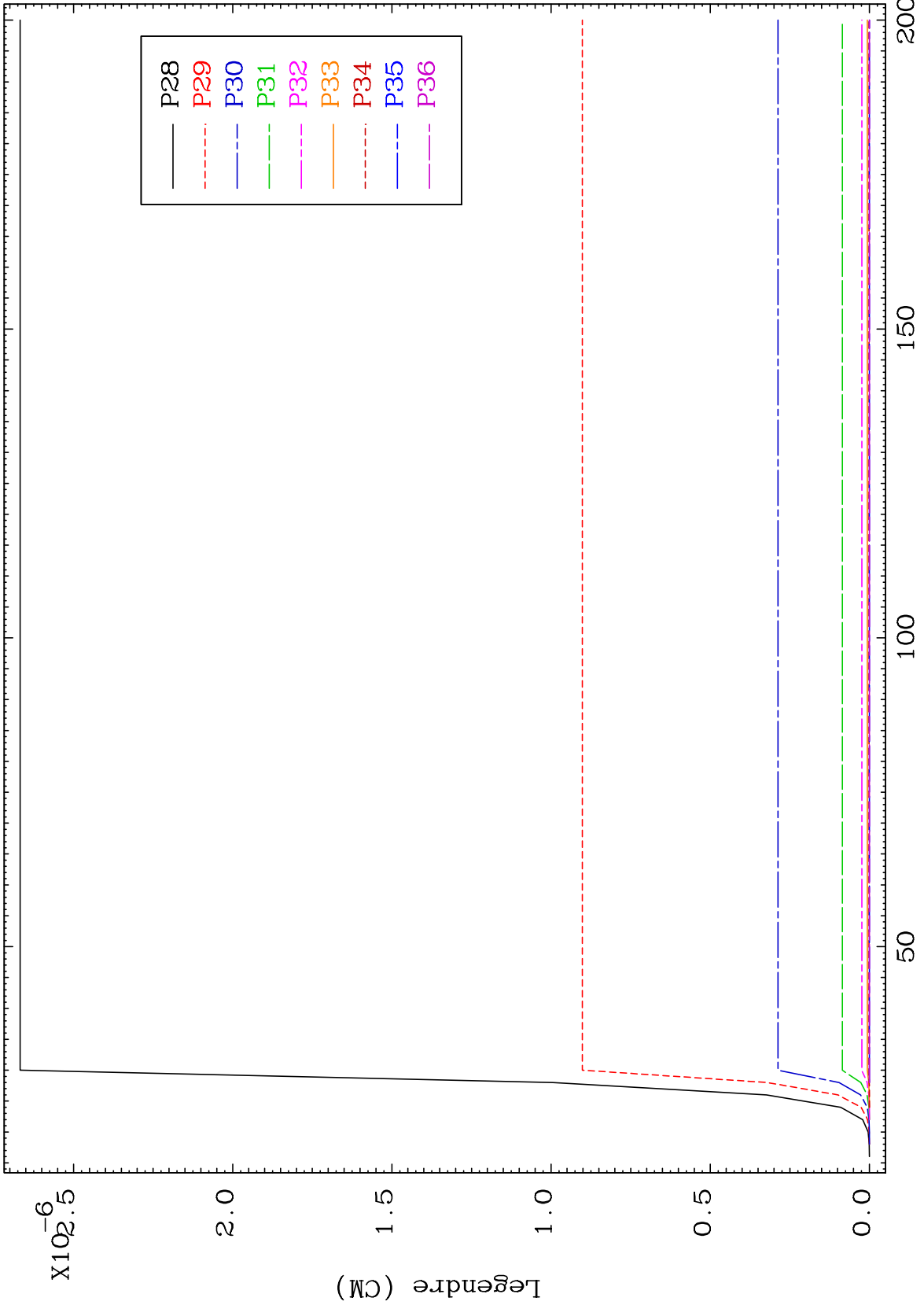
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



34

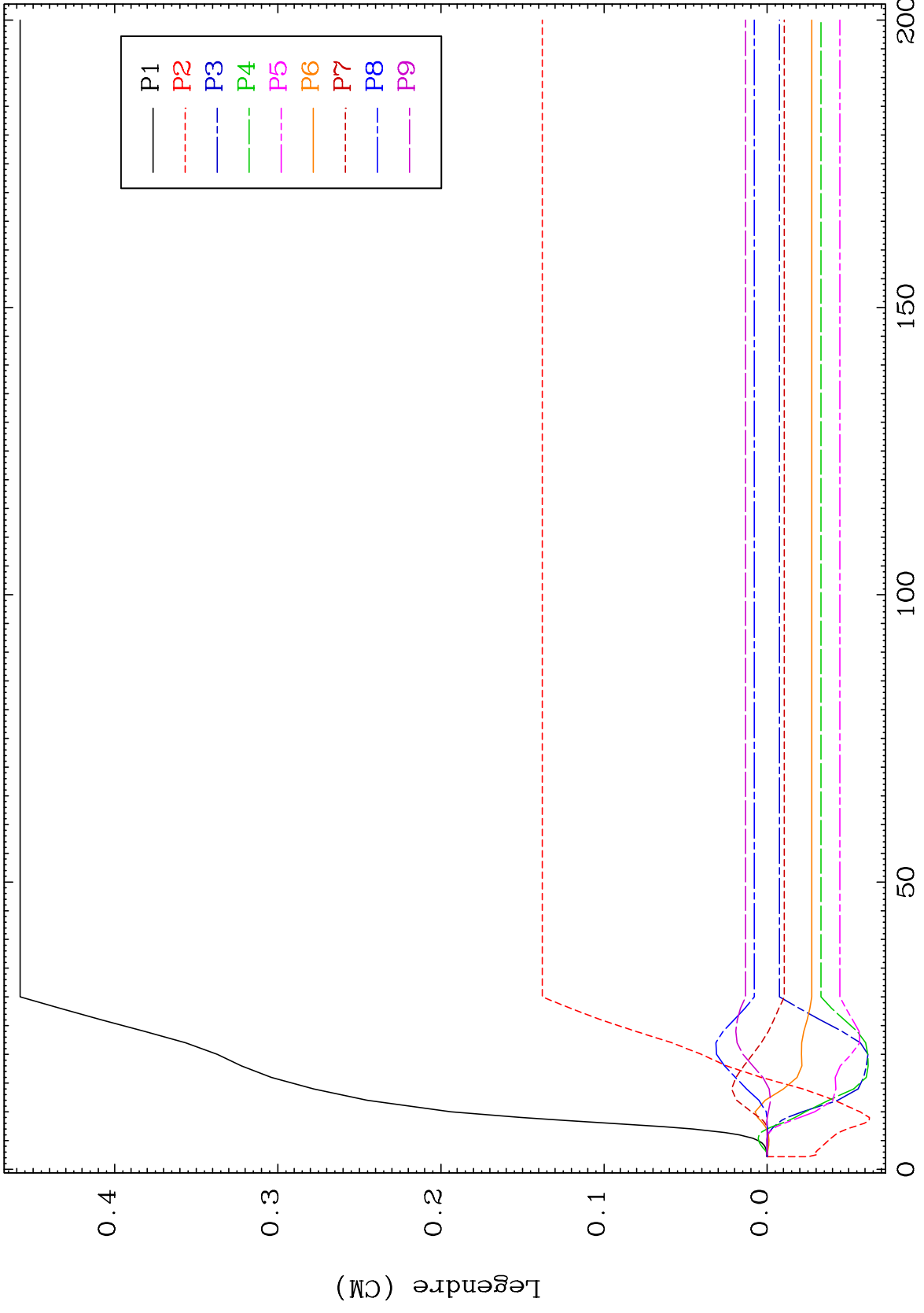
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



35

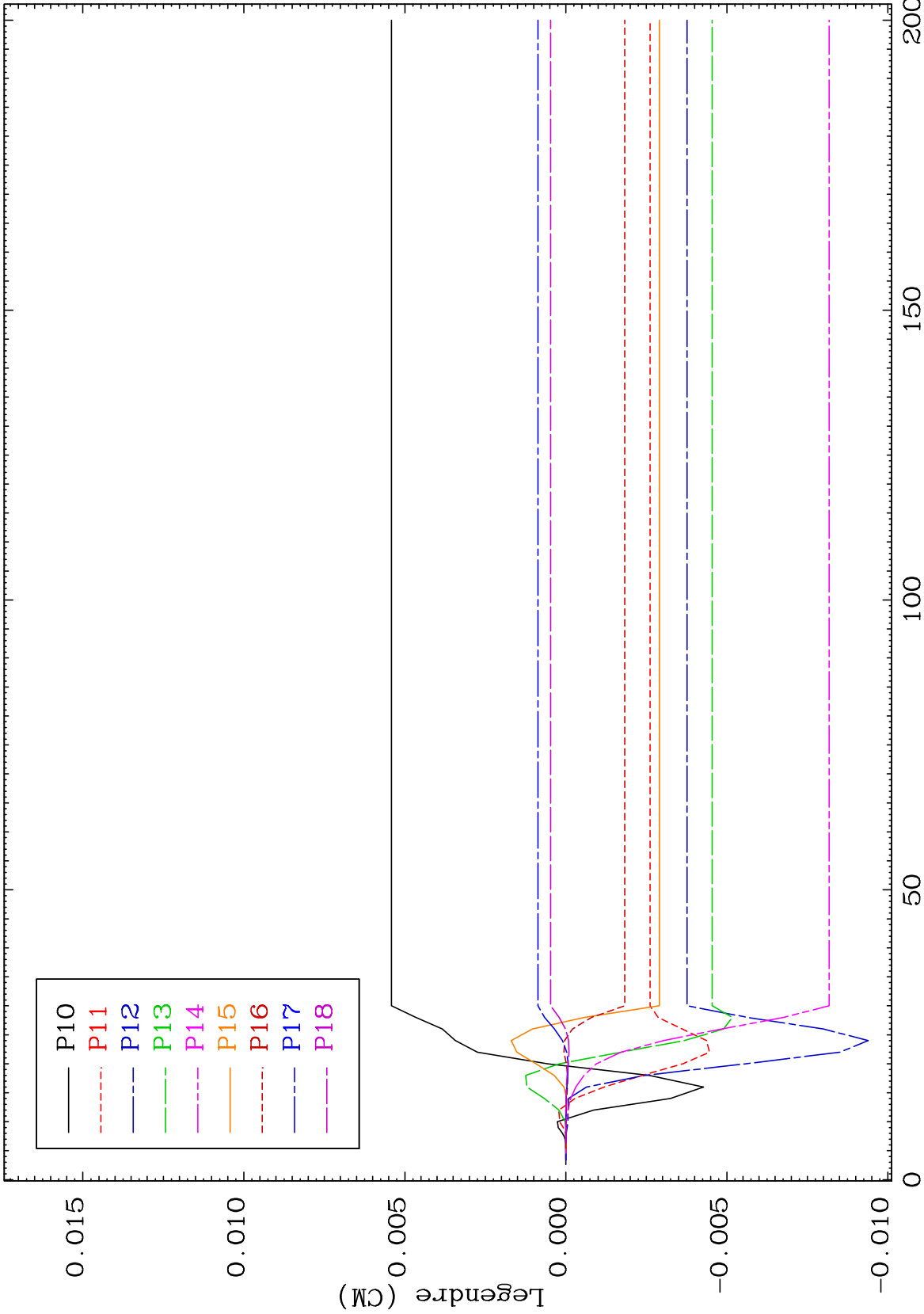
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

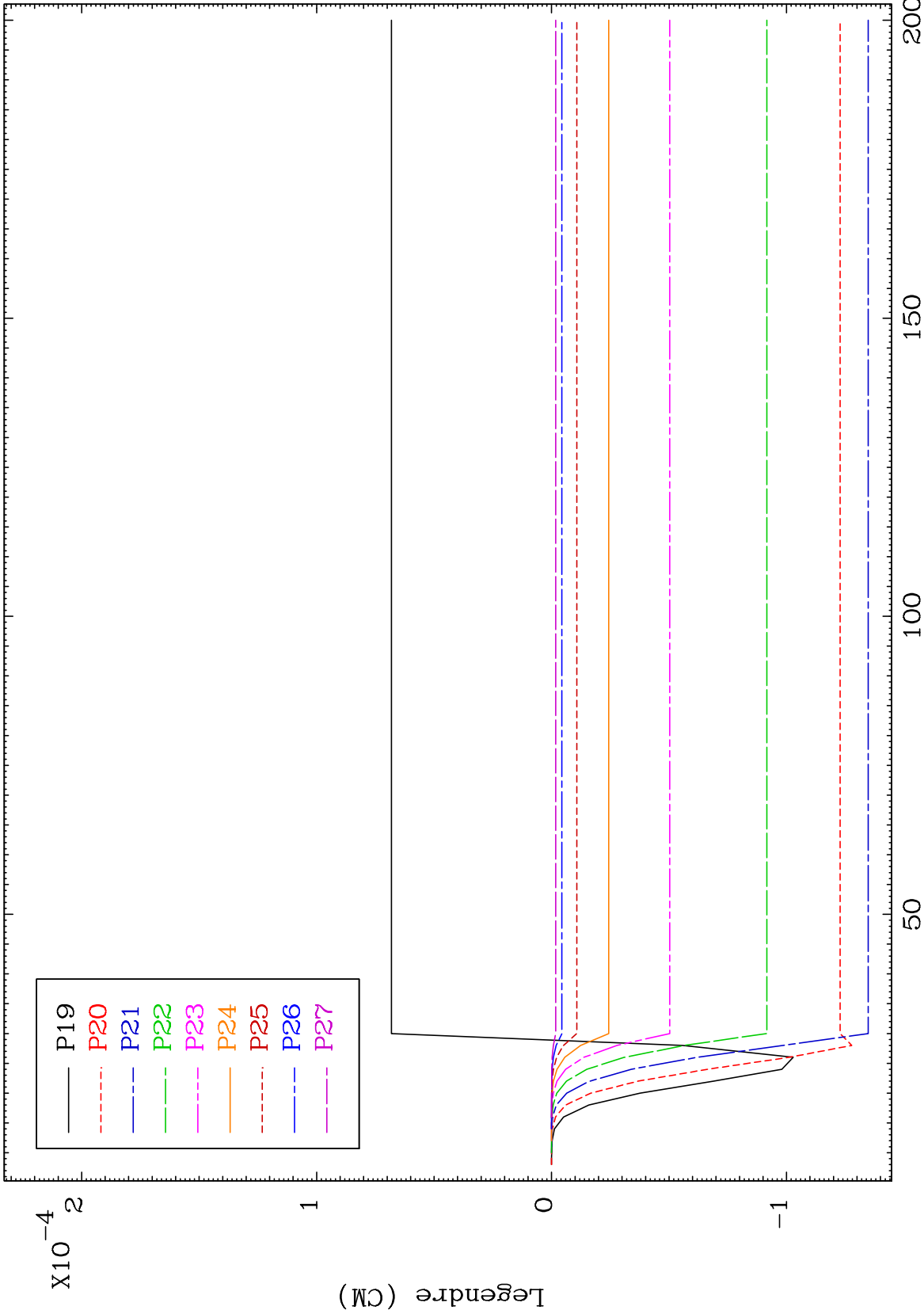
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MAT 5067

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

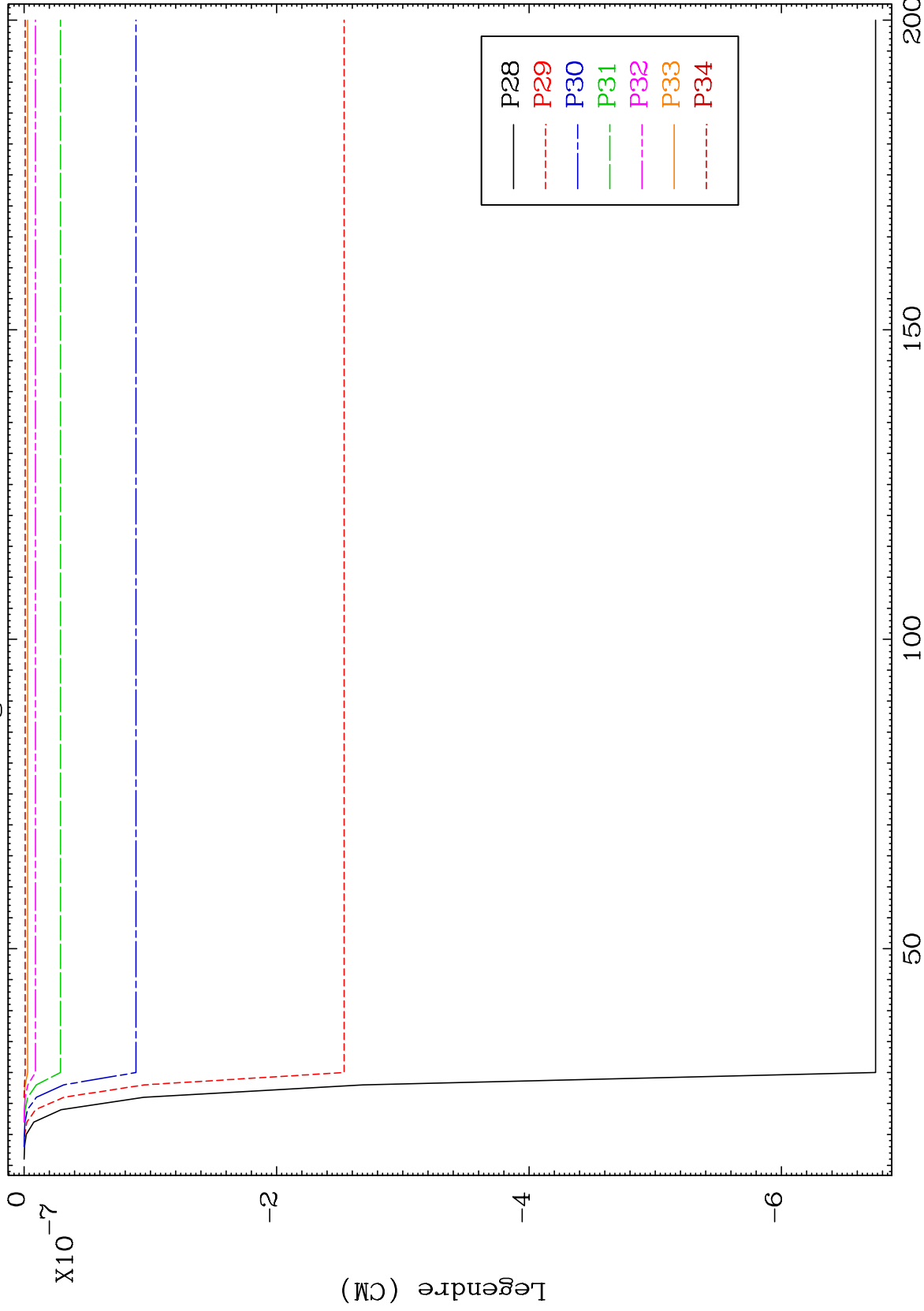
50-Sn-126



MAT 5067 MT= 55 (n,n') Level

50-Sn-126

Legendre Coefficients

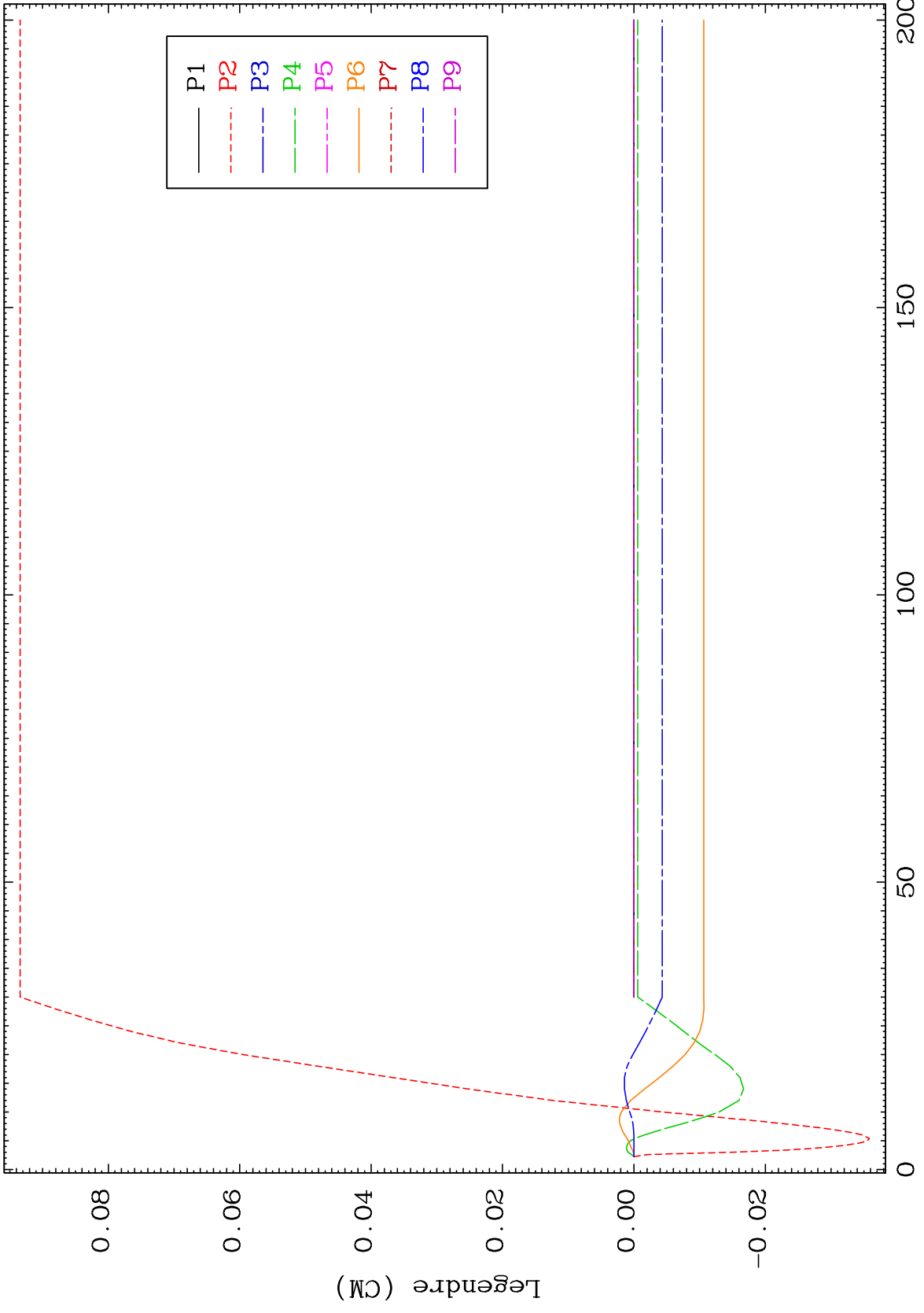


50-Sn-126

Incident Energy (MeV)

38

MAT 5067 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-126



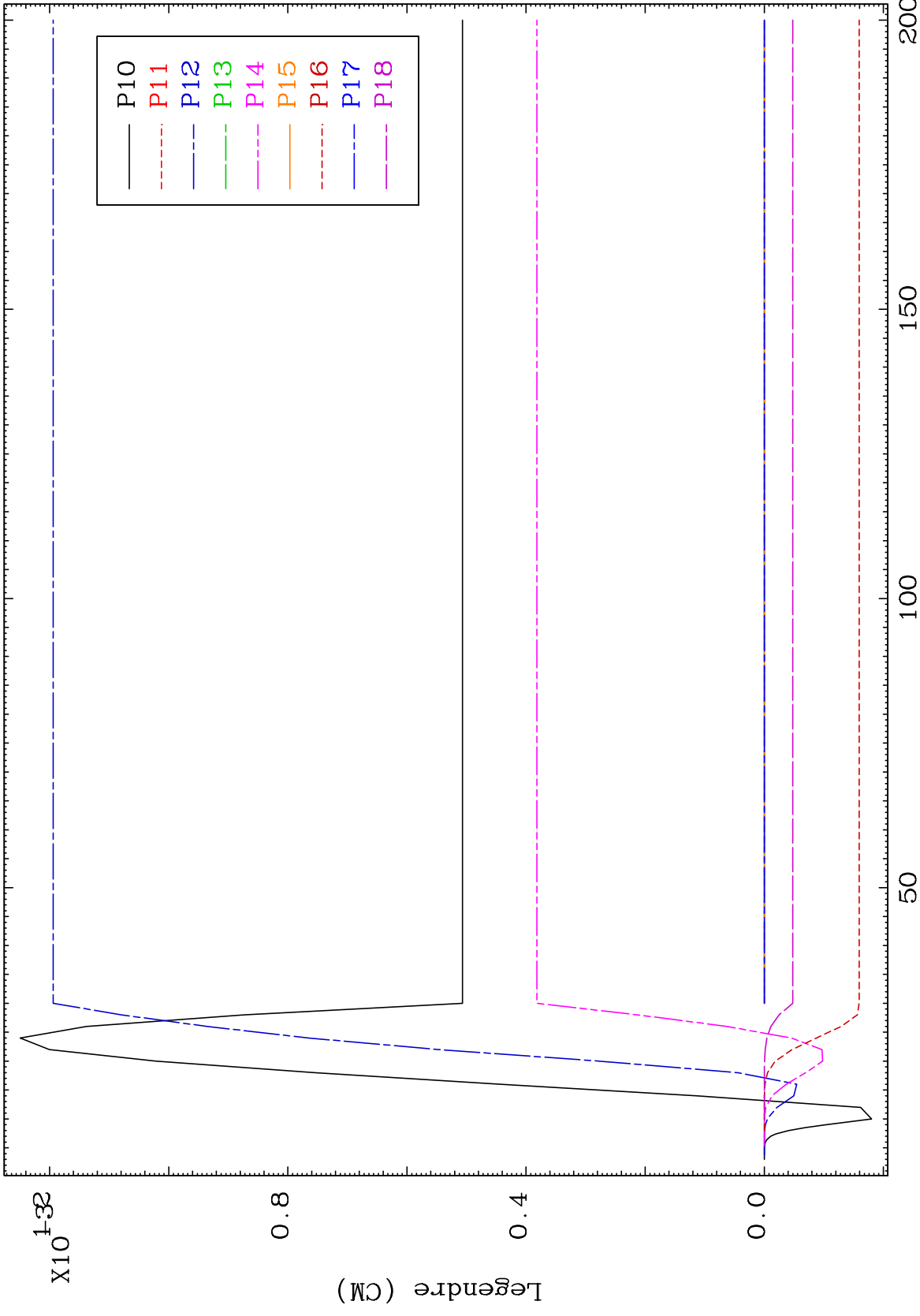
39 50-Sn-126



MAT 5067

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

50-Sn-126



40

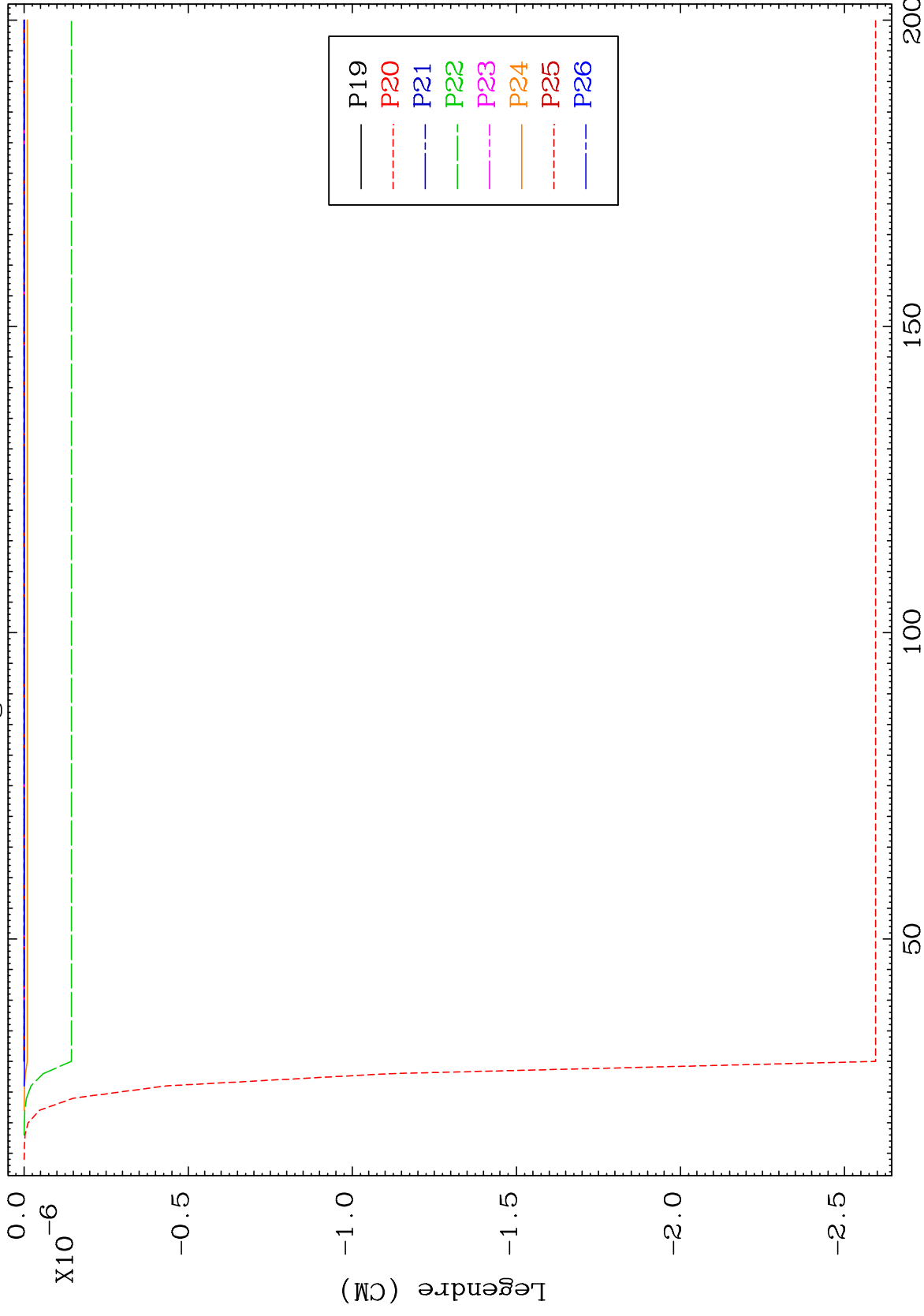
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



50-Sn-126

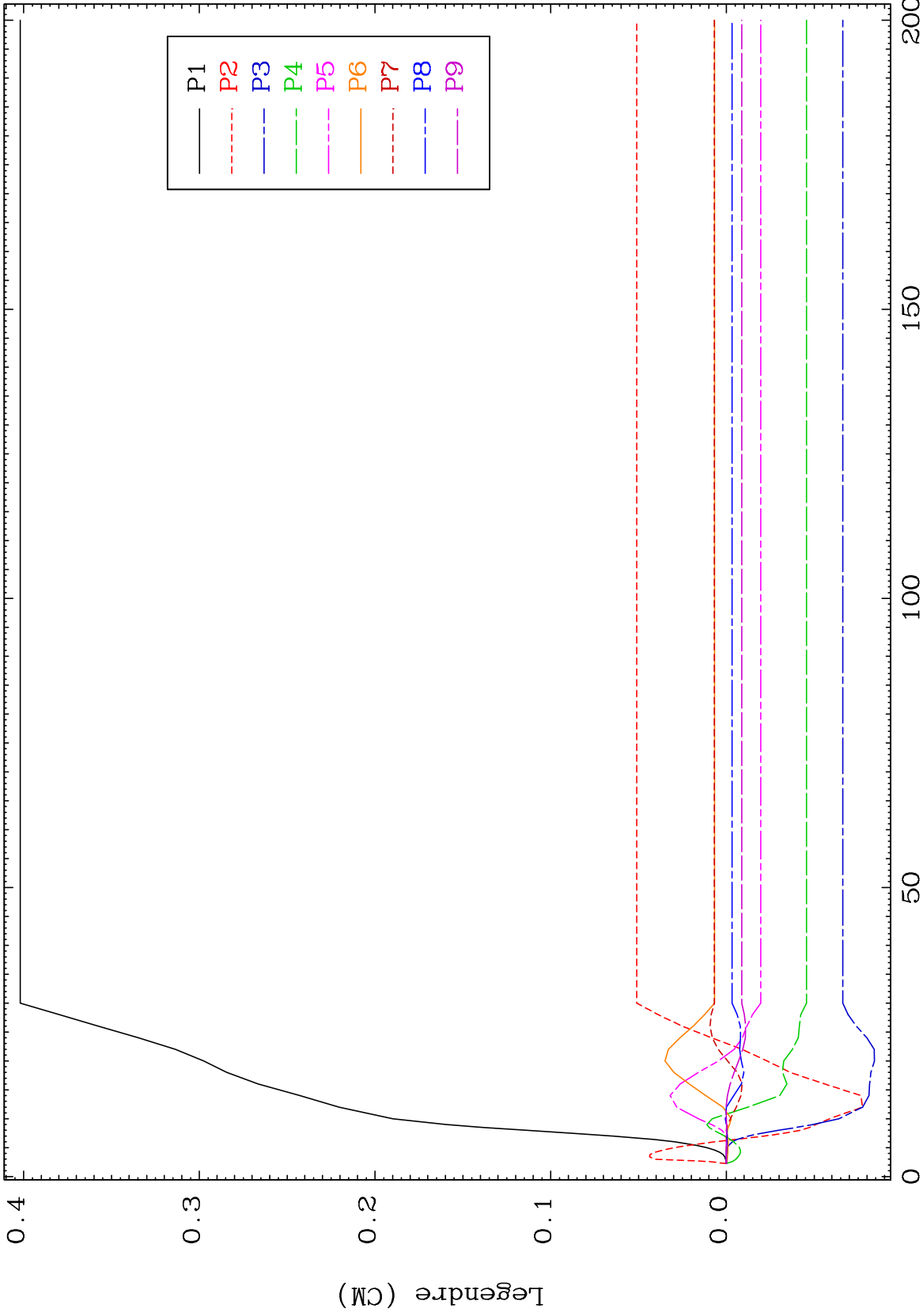
Incident Energy (MeV)

41

MAT 5067

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

50-Sn-126



42

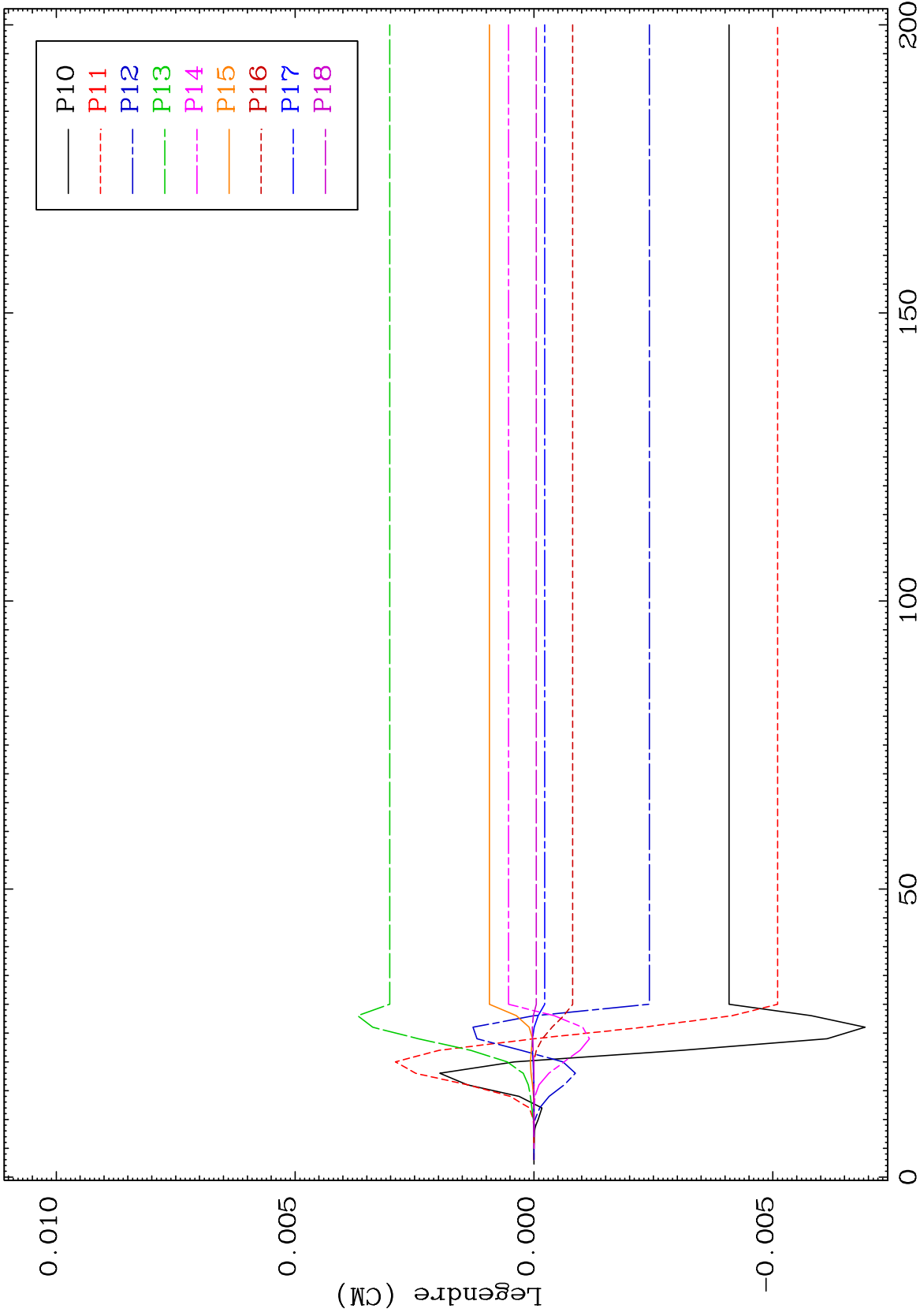
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



43

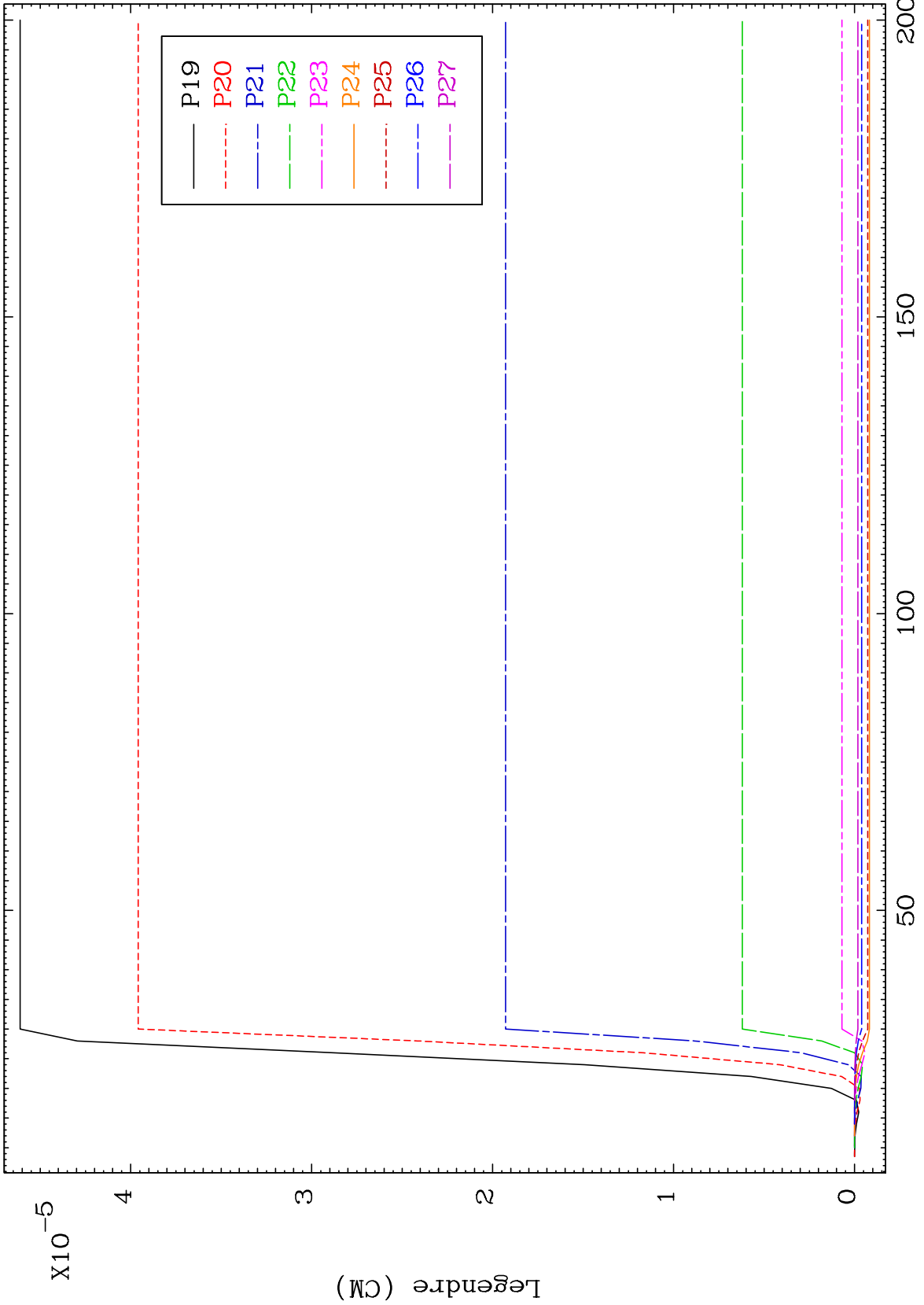
Incident Energy (MeV)

50-Sn-126

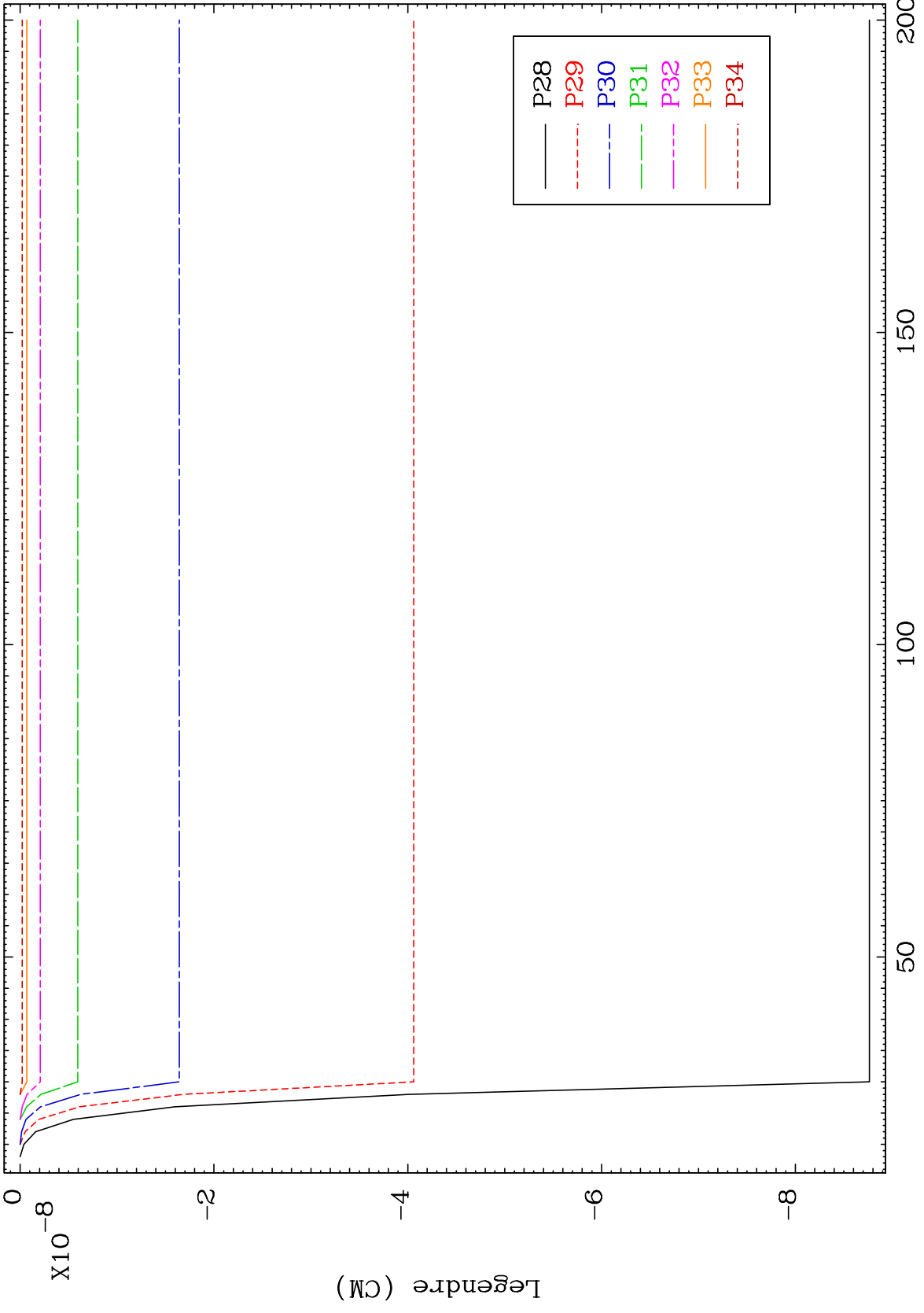
MAT 5067

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

50-Sn-126



MAT 5067 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-126

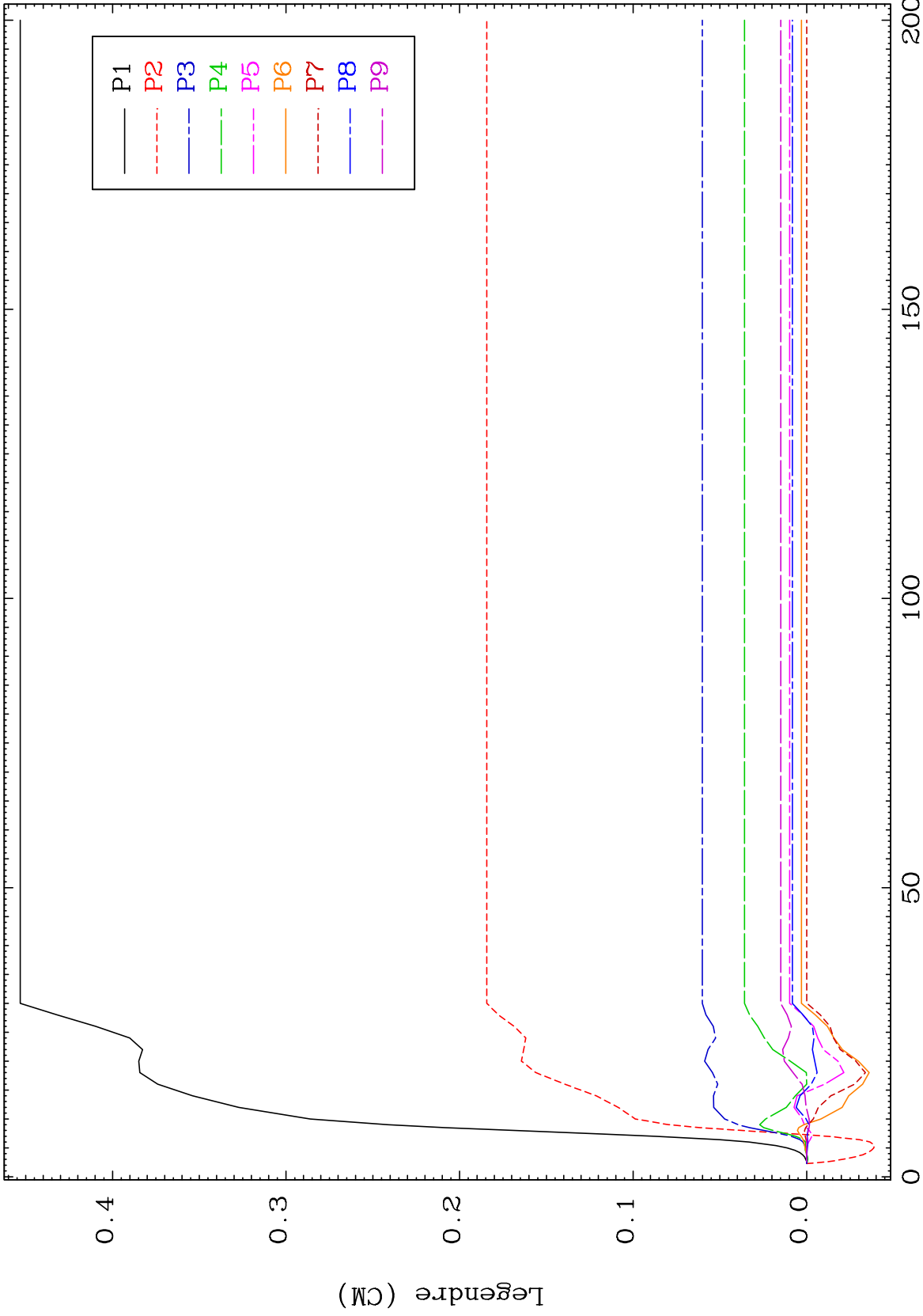


45 Incident Energy (MeV) 50-Sn-126

MAT 5067

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

50-Sn-126



46

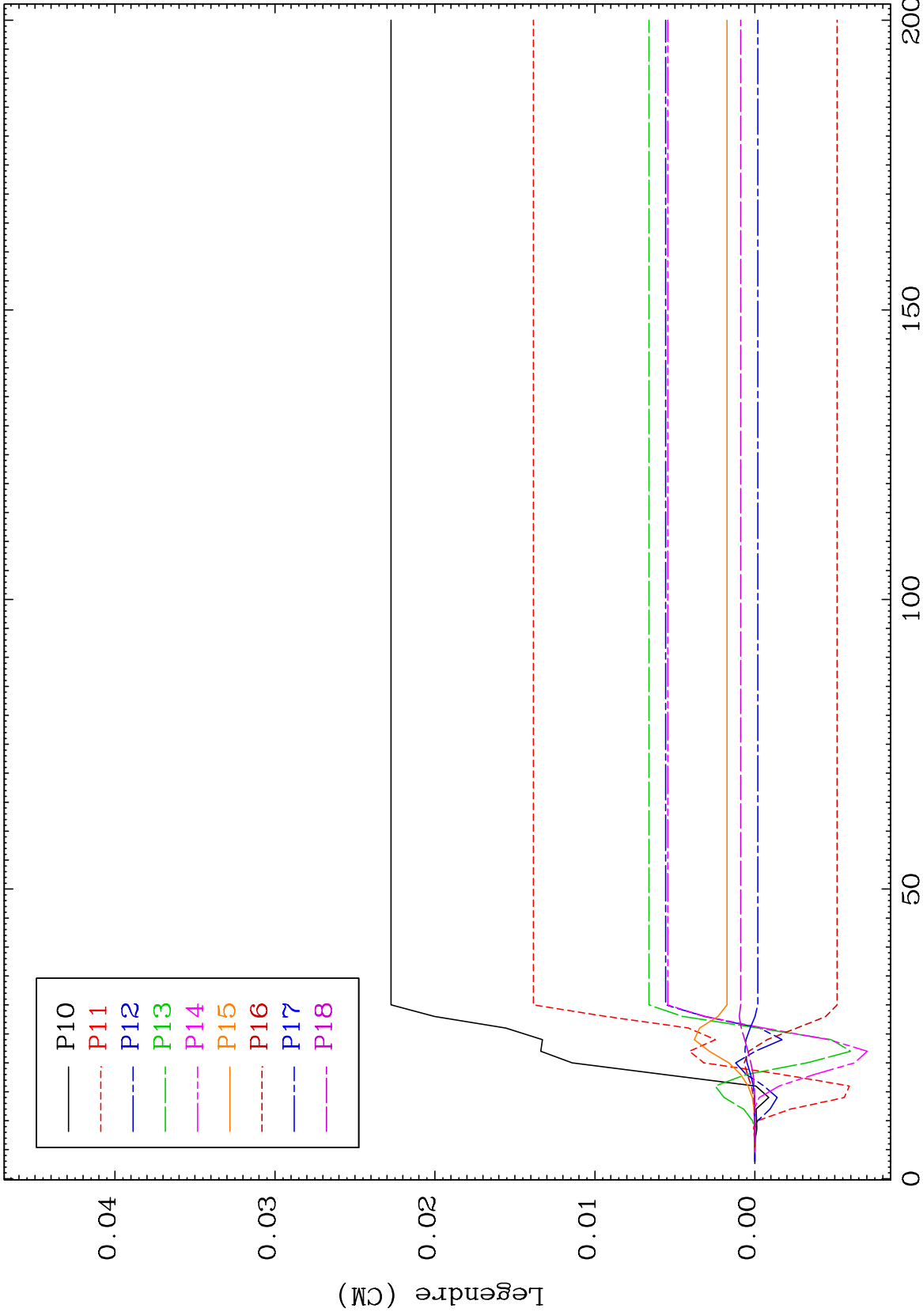
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



47

Incident Energy (MeV)

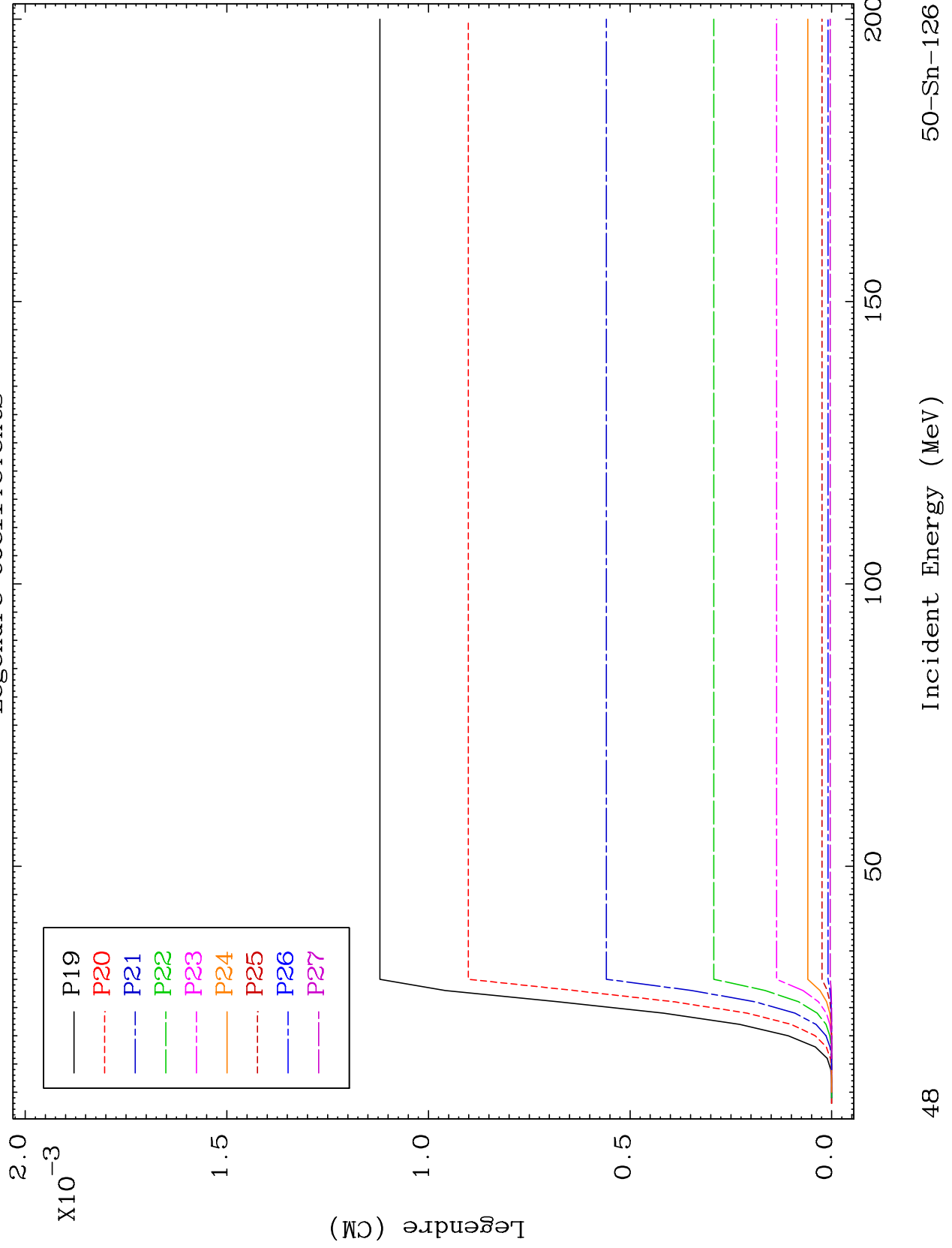
50-Sn-126



MAT 5067

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

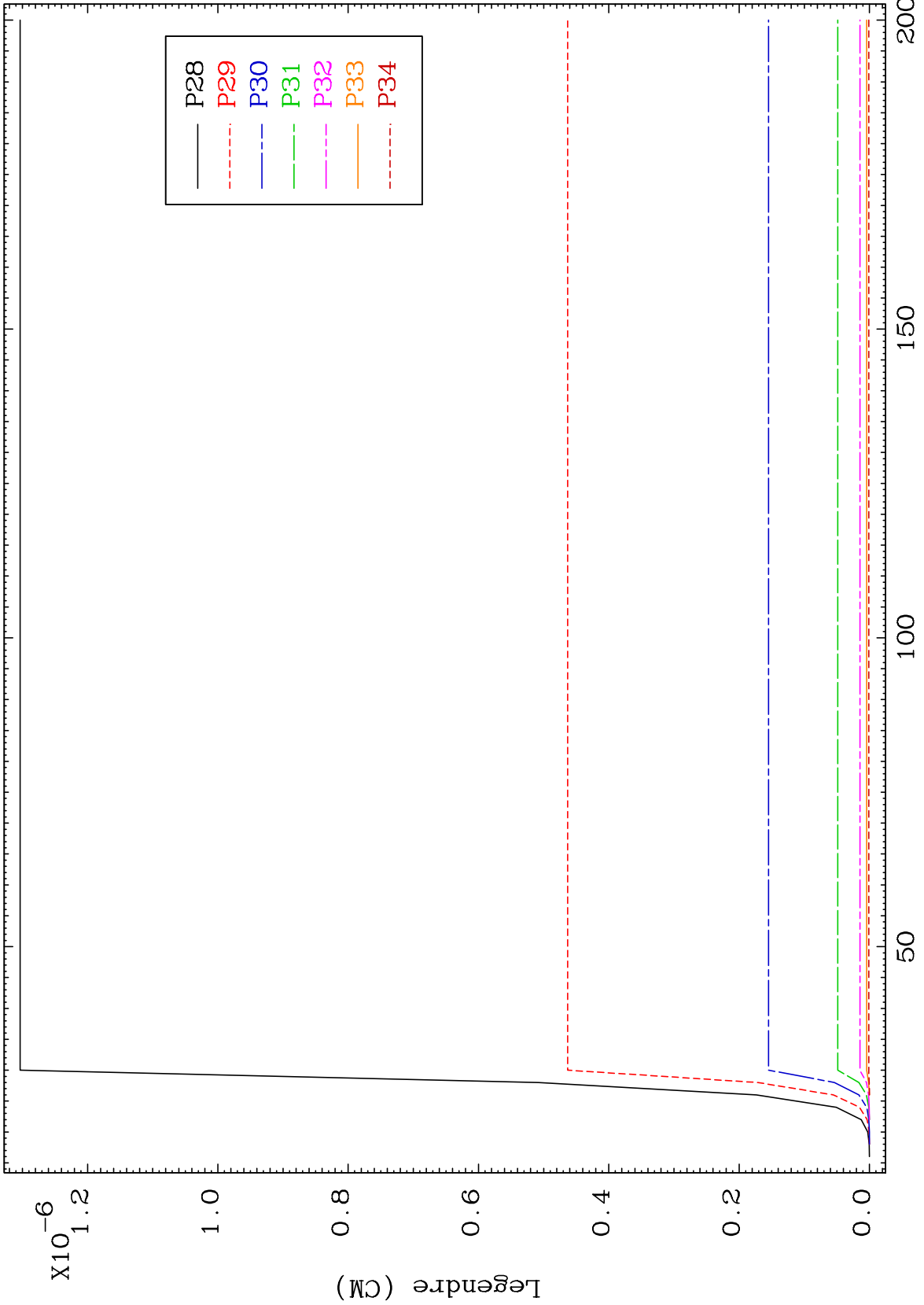
50-Sn-126



MAT 5067

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

50-Sn-126



49

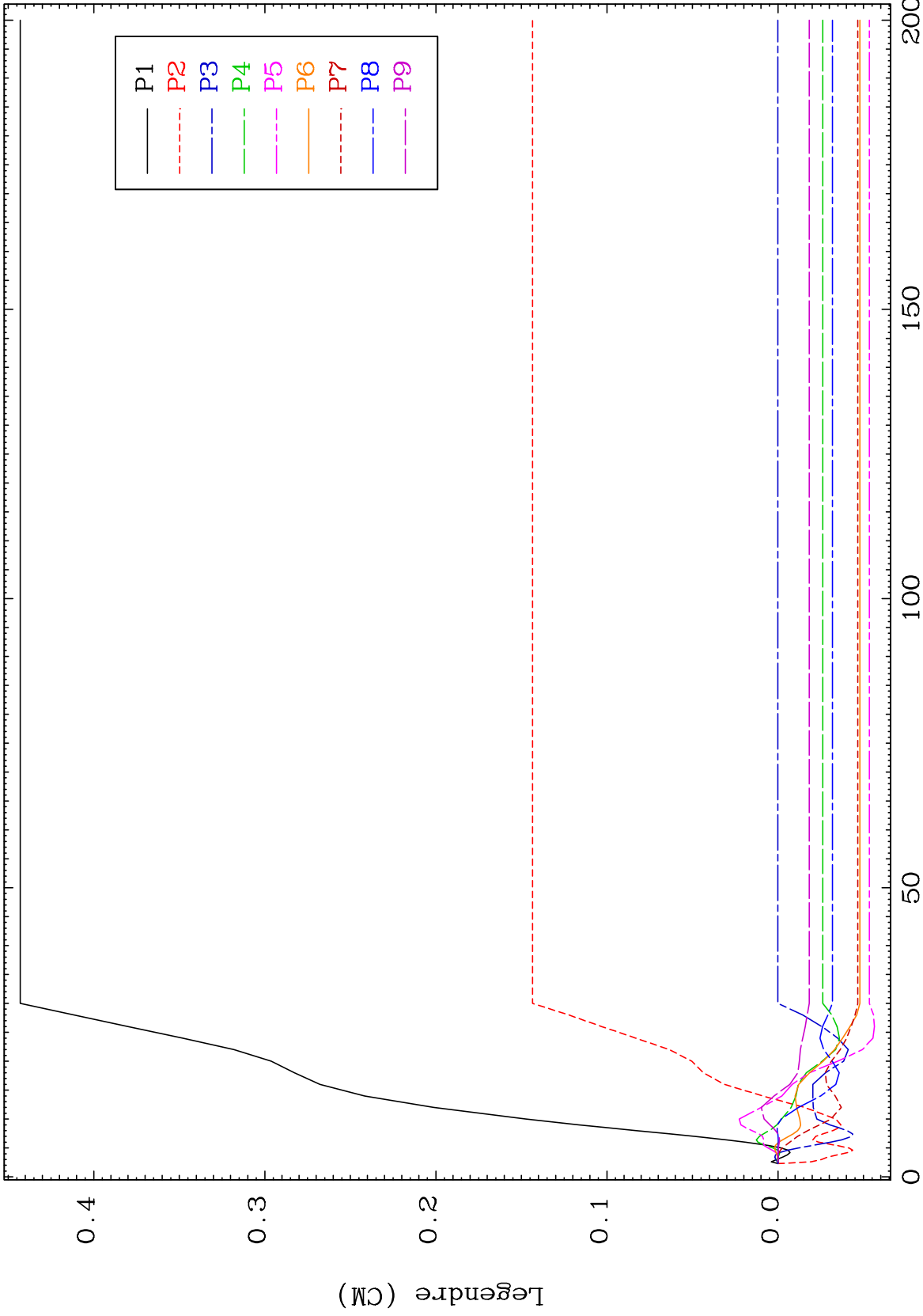
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



50

Incident Energy (MeV)

50-Sn-126

200

150

100

50

0.4

0.3

0.2

0.1

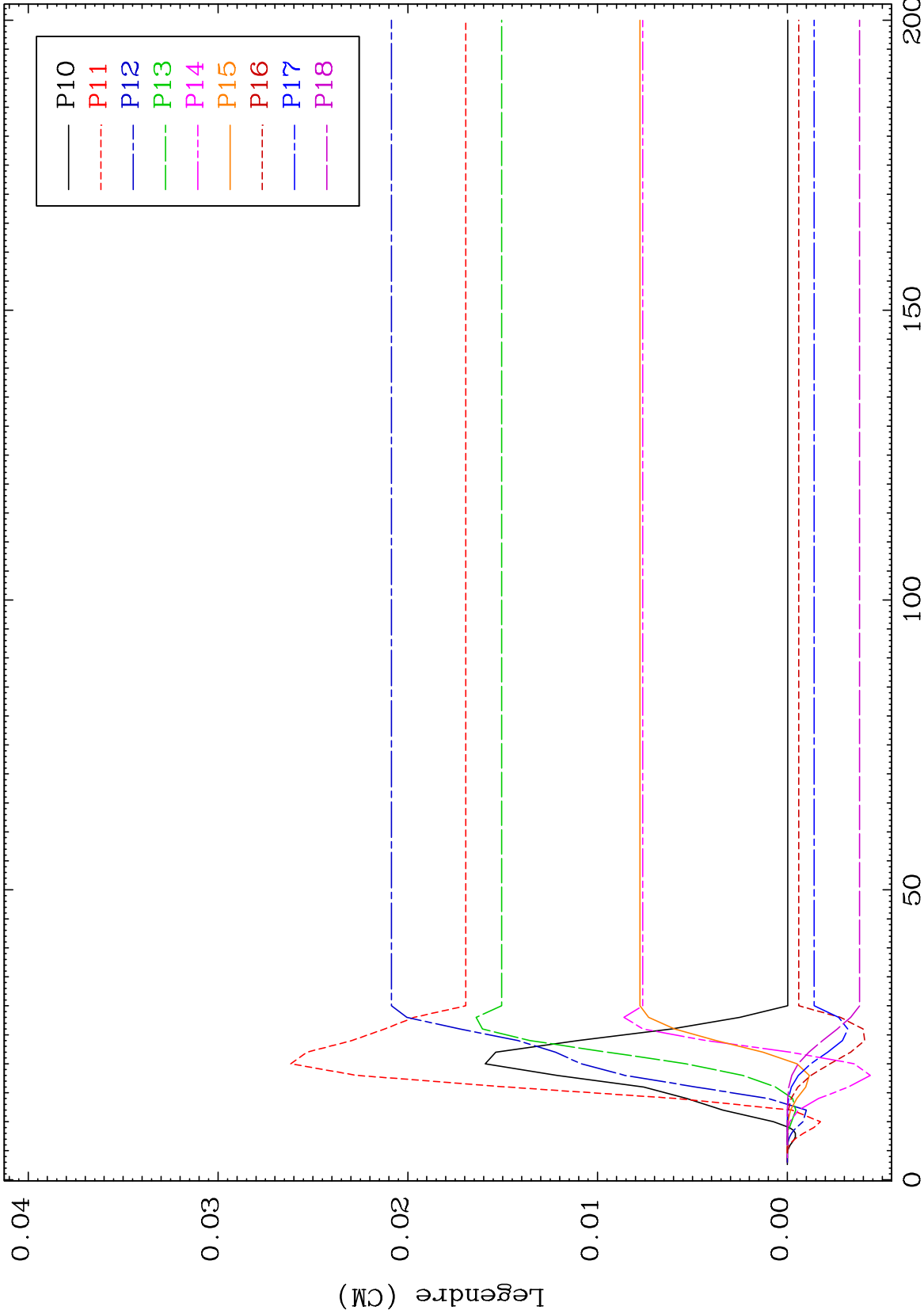
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MAT 5067

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

50-Sn-126



51

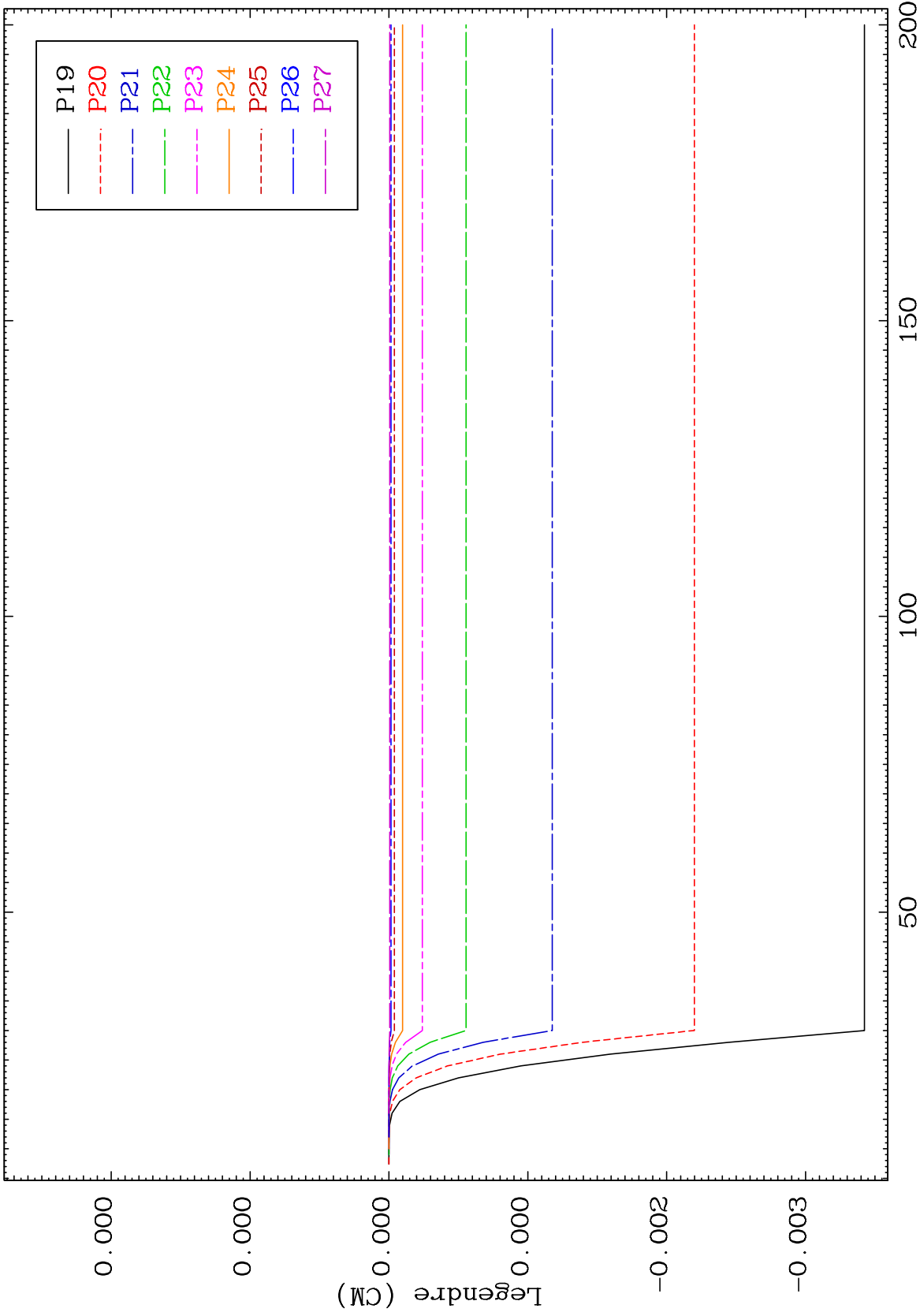
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



52

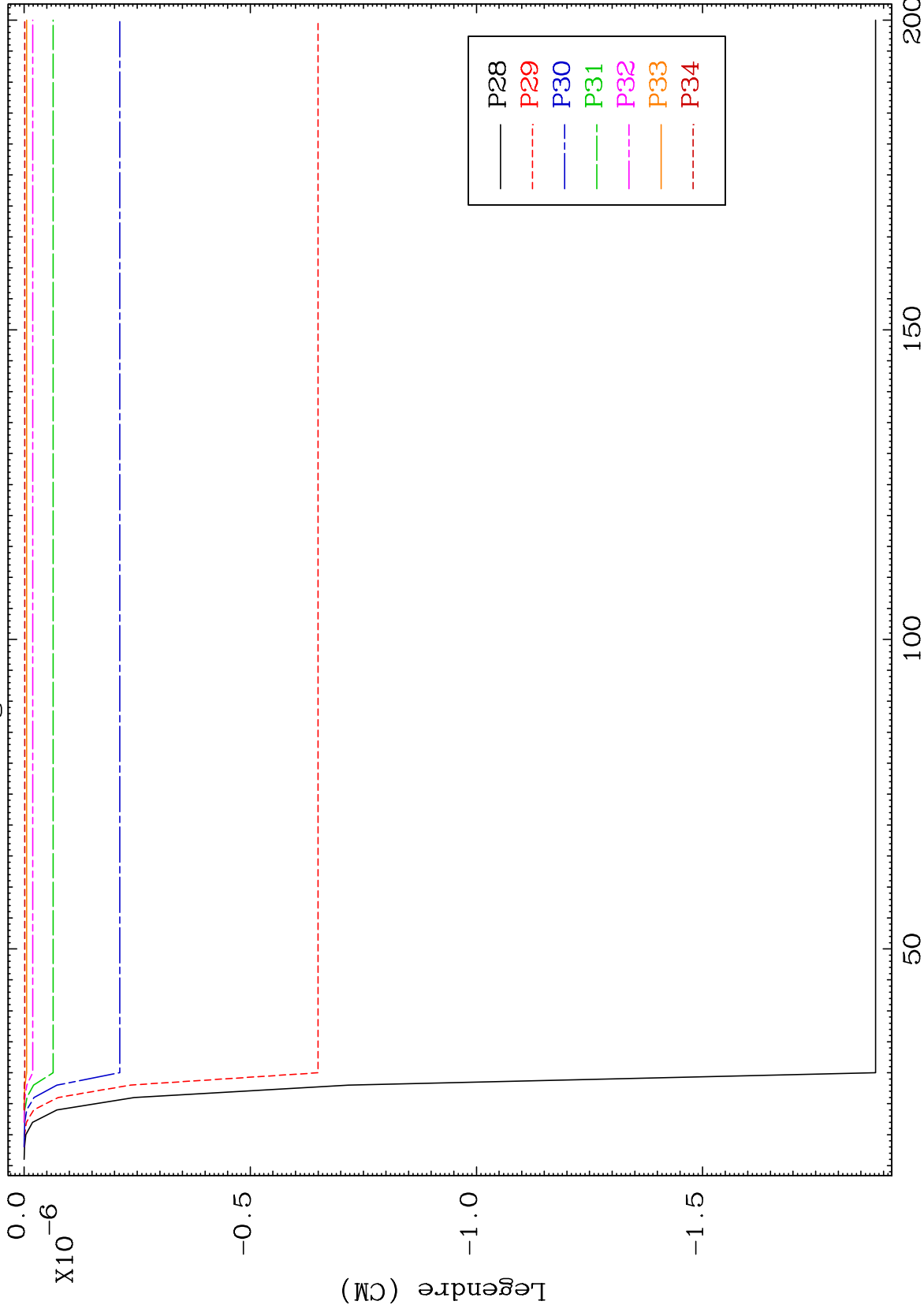
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



50-Sn-126

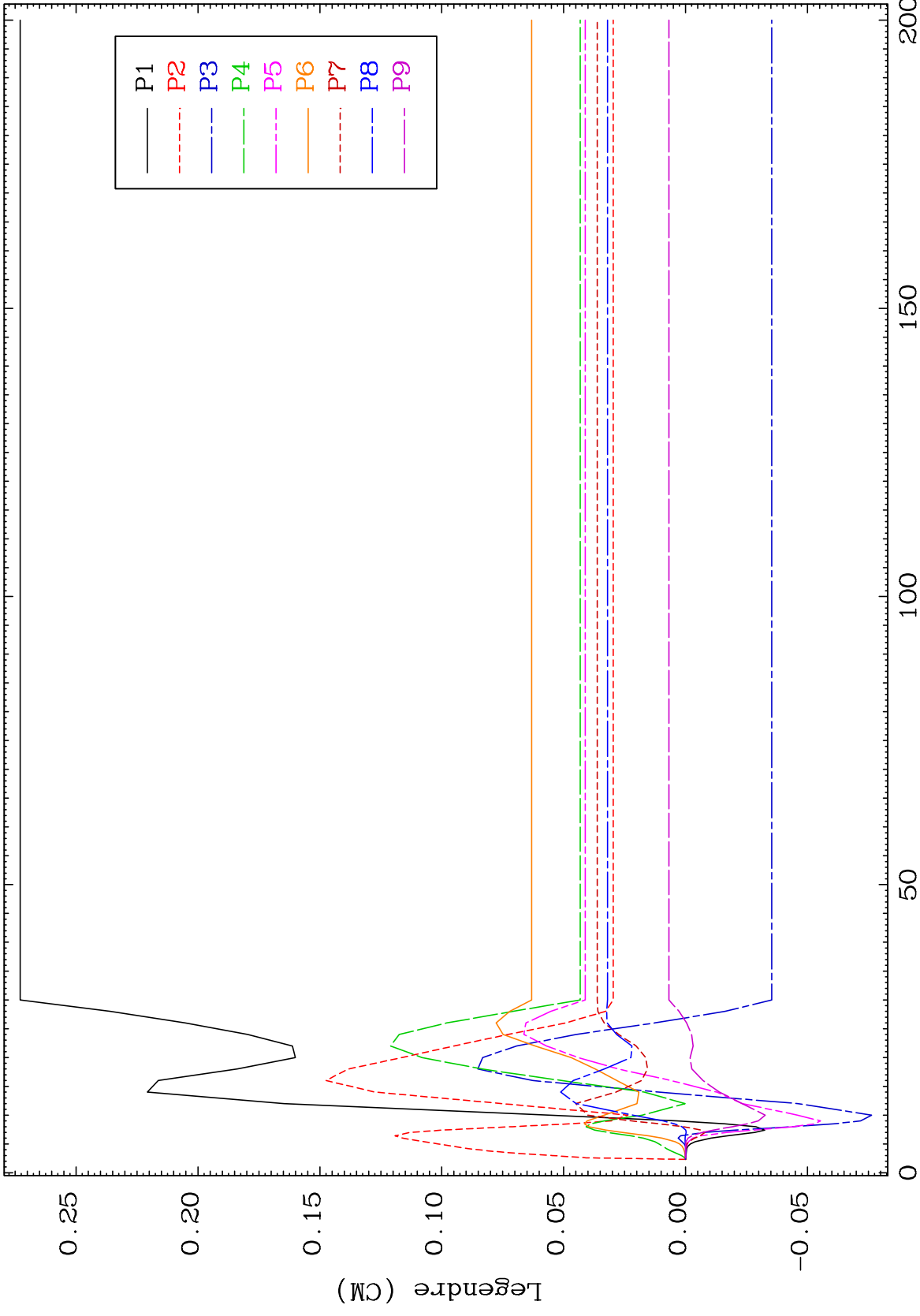
Incident Energy (MeV)

53

MAT 5067

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

50-Sn-126



54

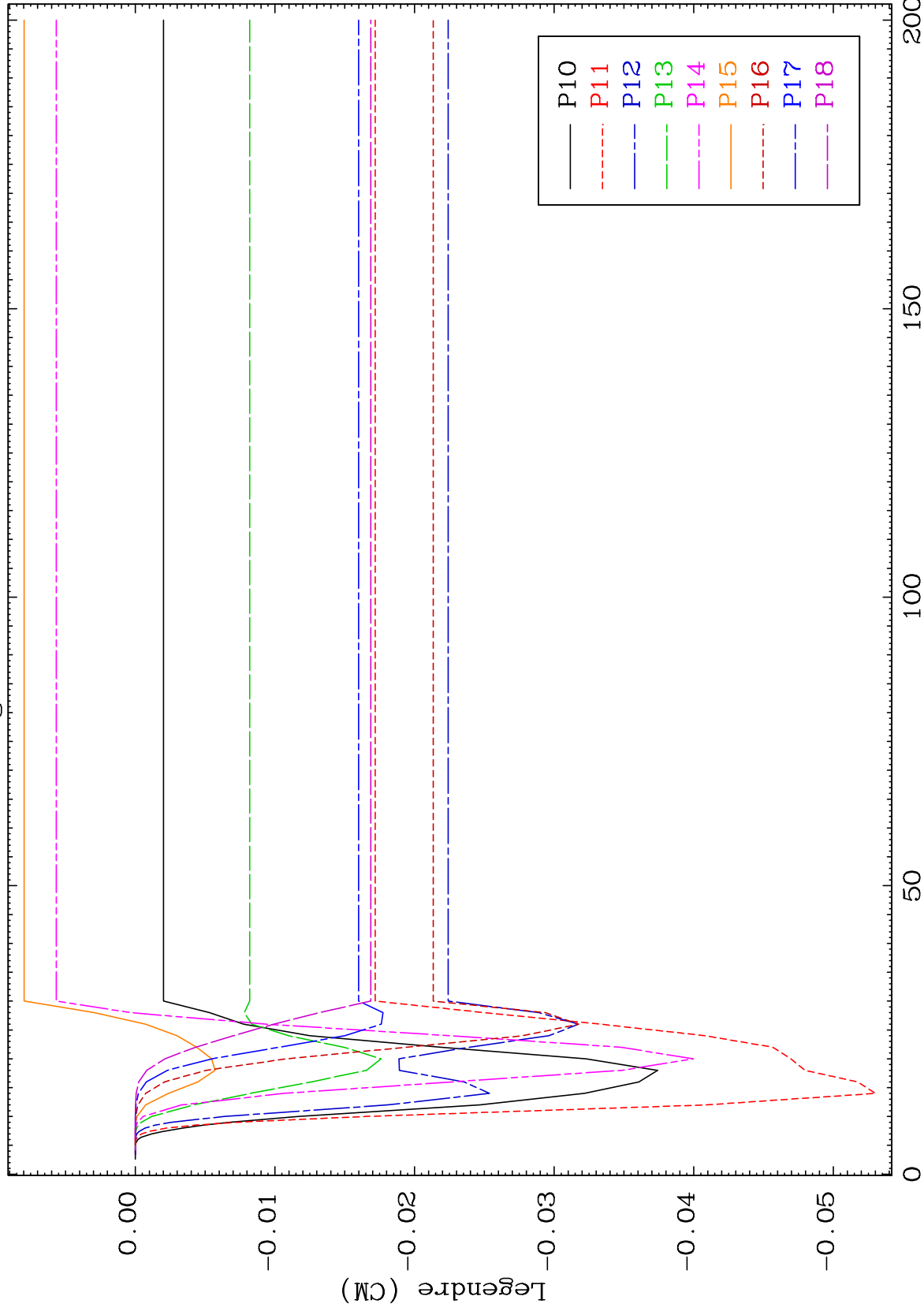
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



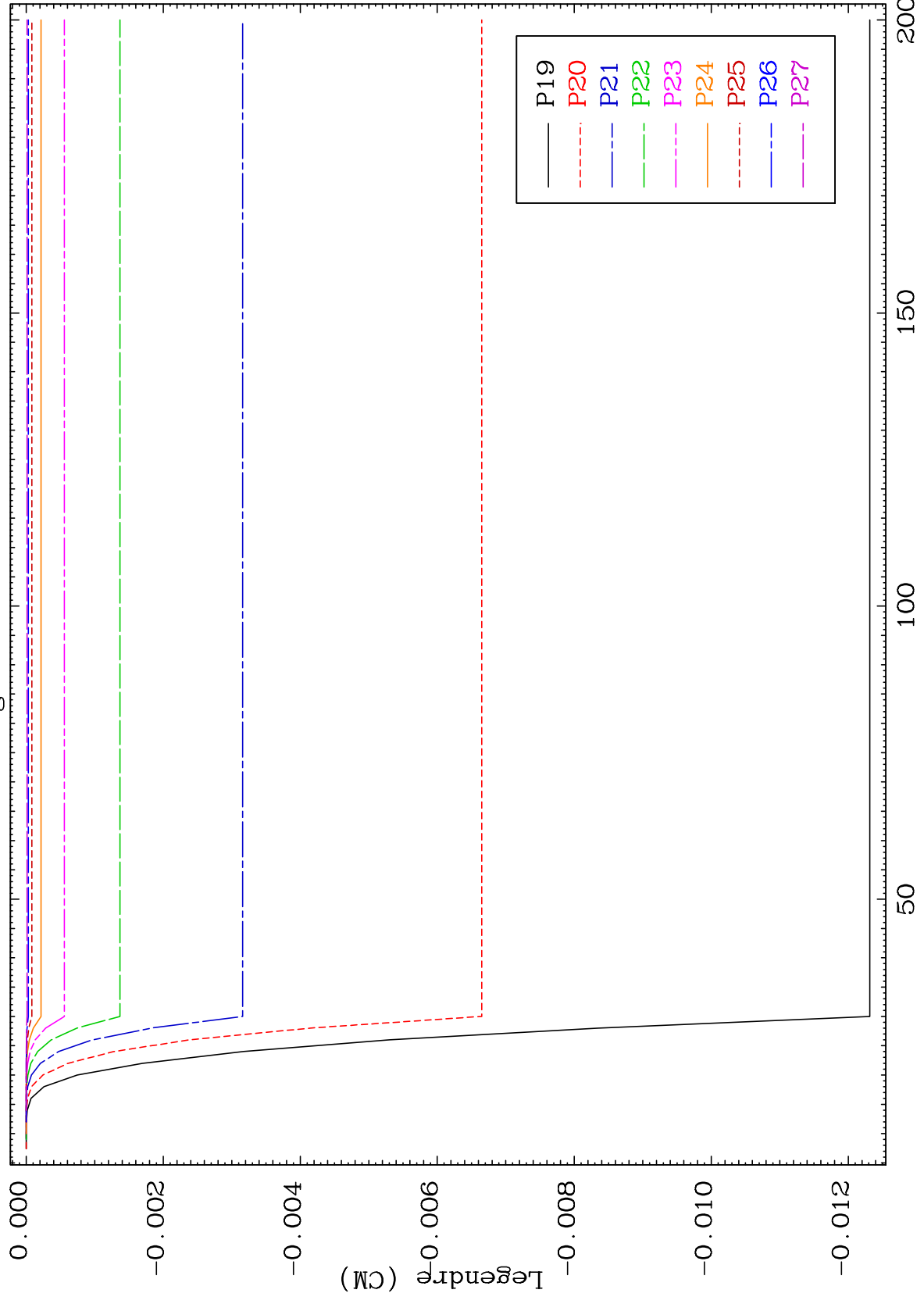
55

Incident Energy (MeV)

50-Sn-126



MAT 5067 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-126

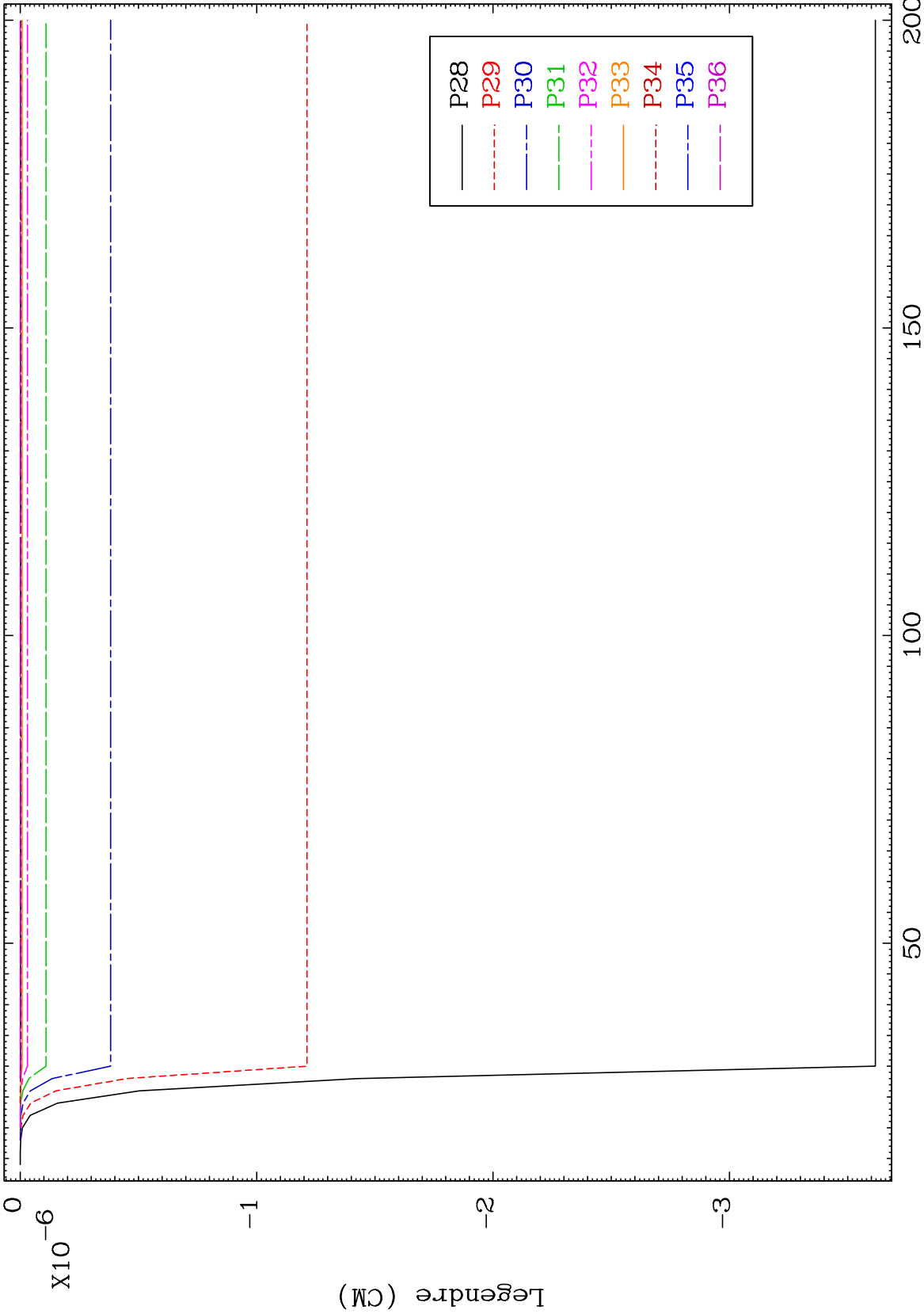


56 Incident Energy (MeV) 50-Sn-126

MAT 5067 MT= 60 (n,n') Level

50-Sn-126

Legendre Coefficients



50-Sn-126

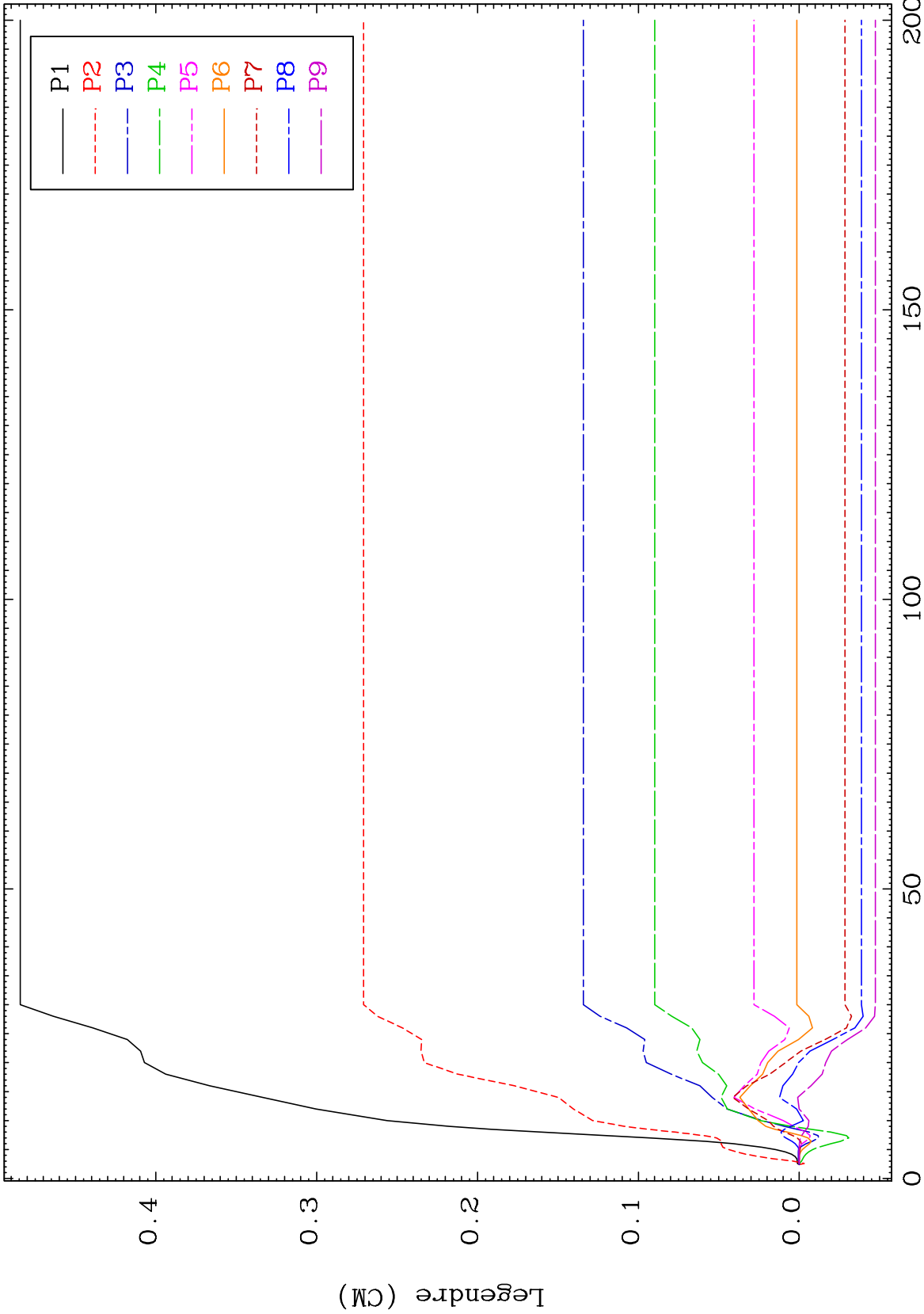
Incident Energy (MeV)

57

MAT 5067

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

50-Sn-126



58

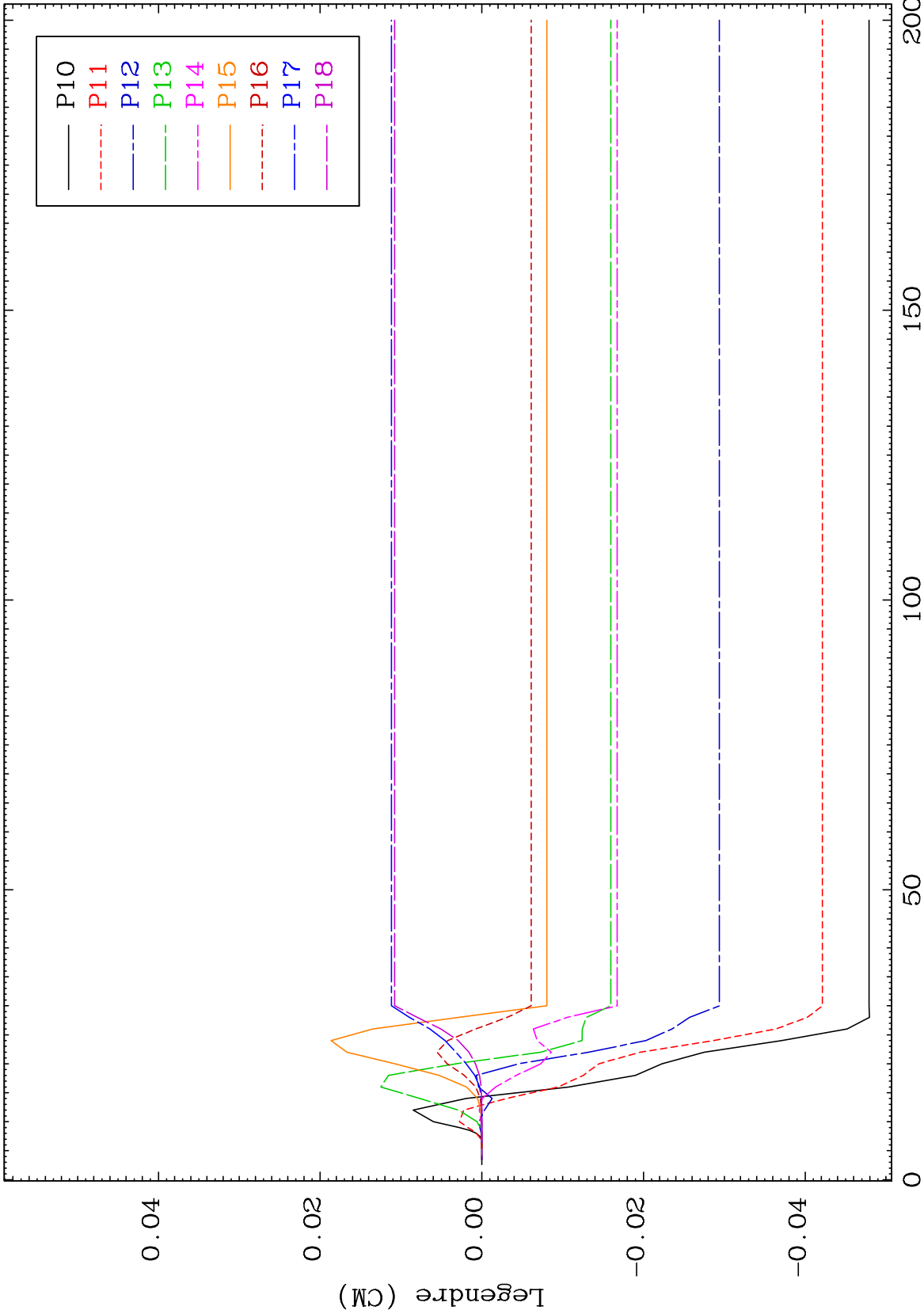
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



59

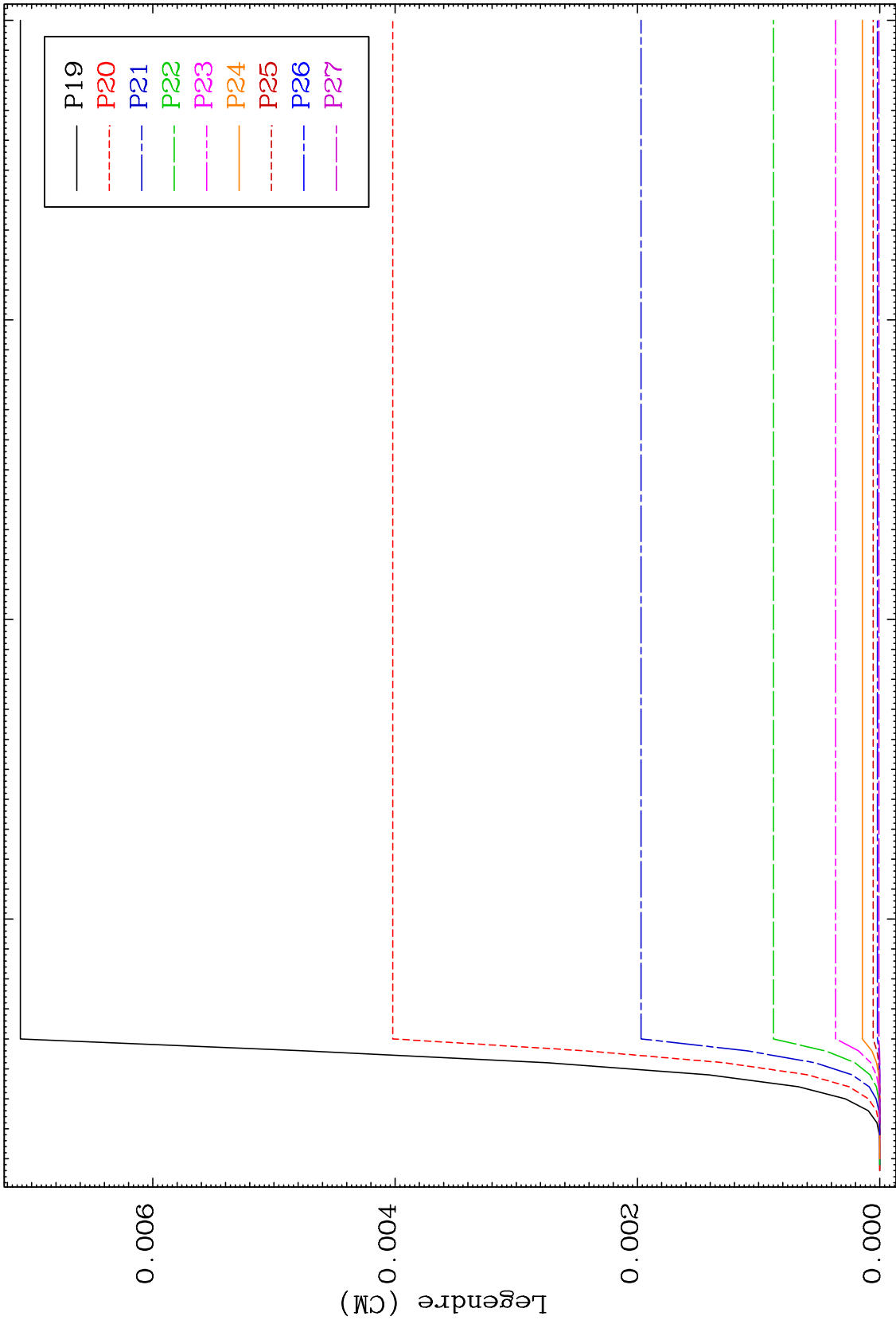
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



60

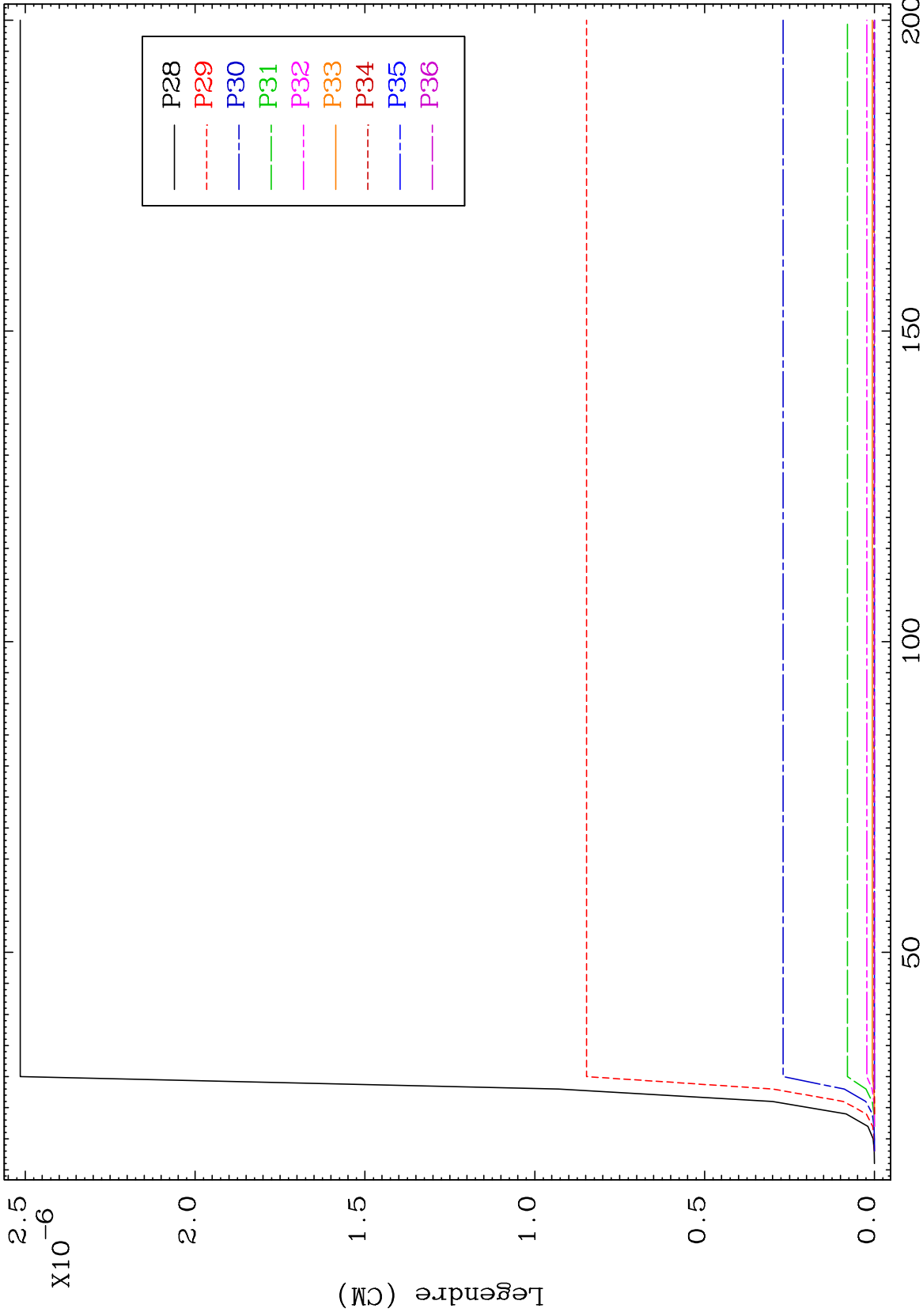
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126

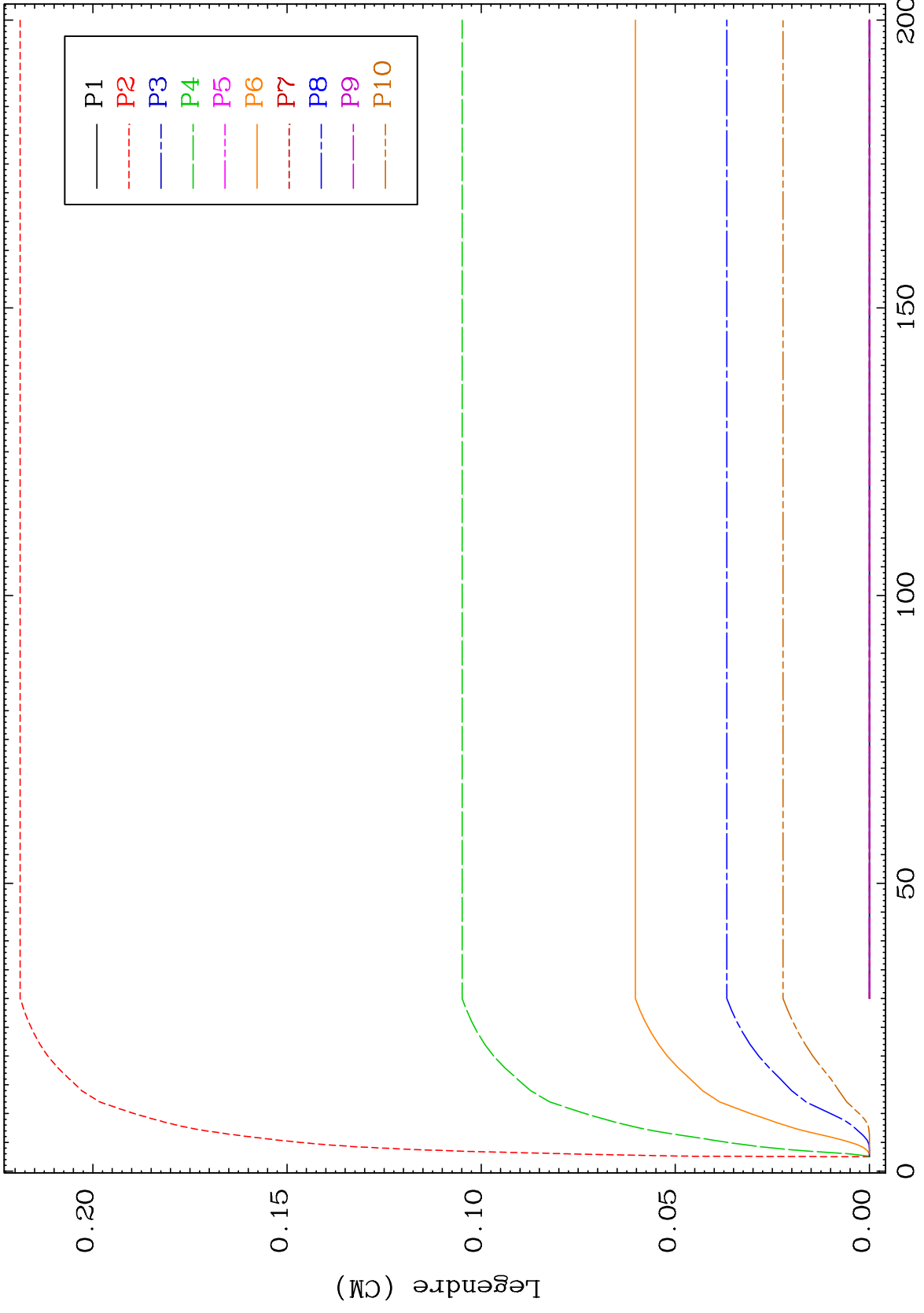


61

Incident Energy (MeV)

50-Sn-126

MAT 5067 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-126

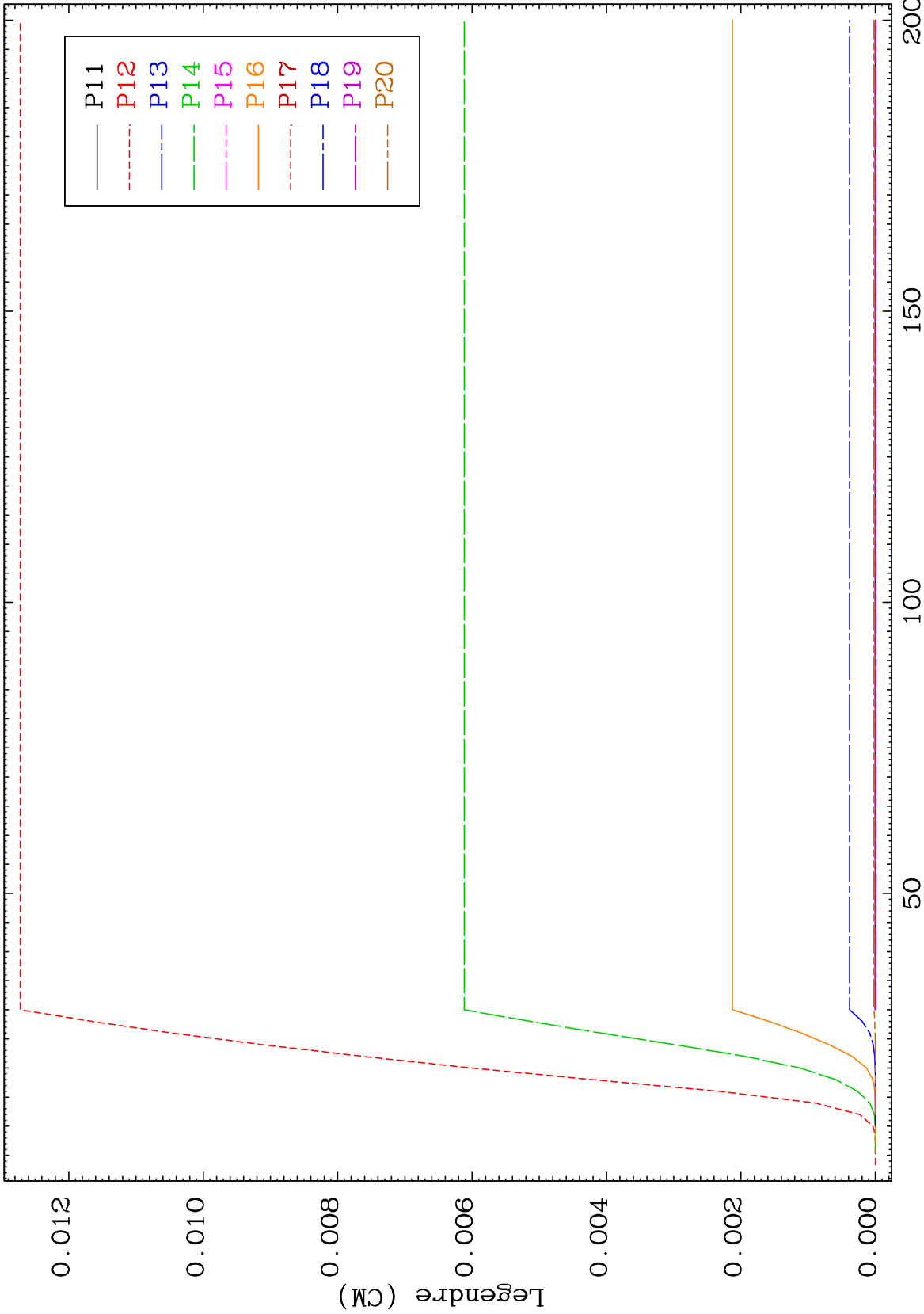


62 Incident Energy (MeV) 50-Sn-126

MAT 5067

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

50-Sn-126



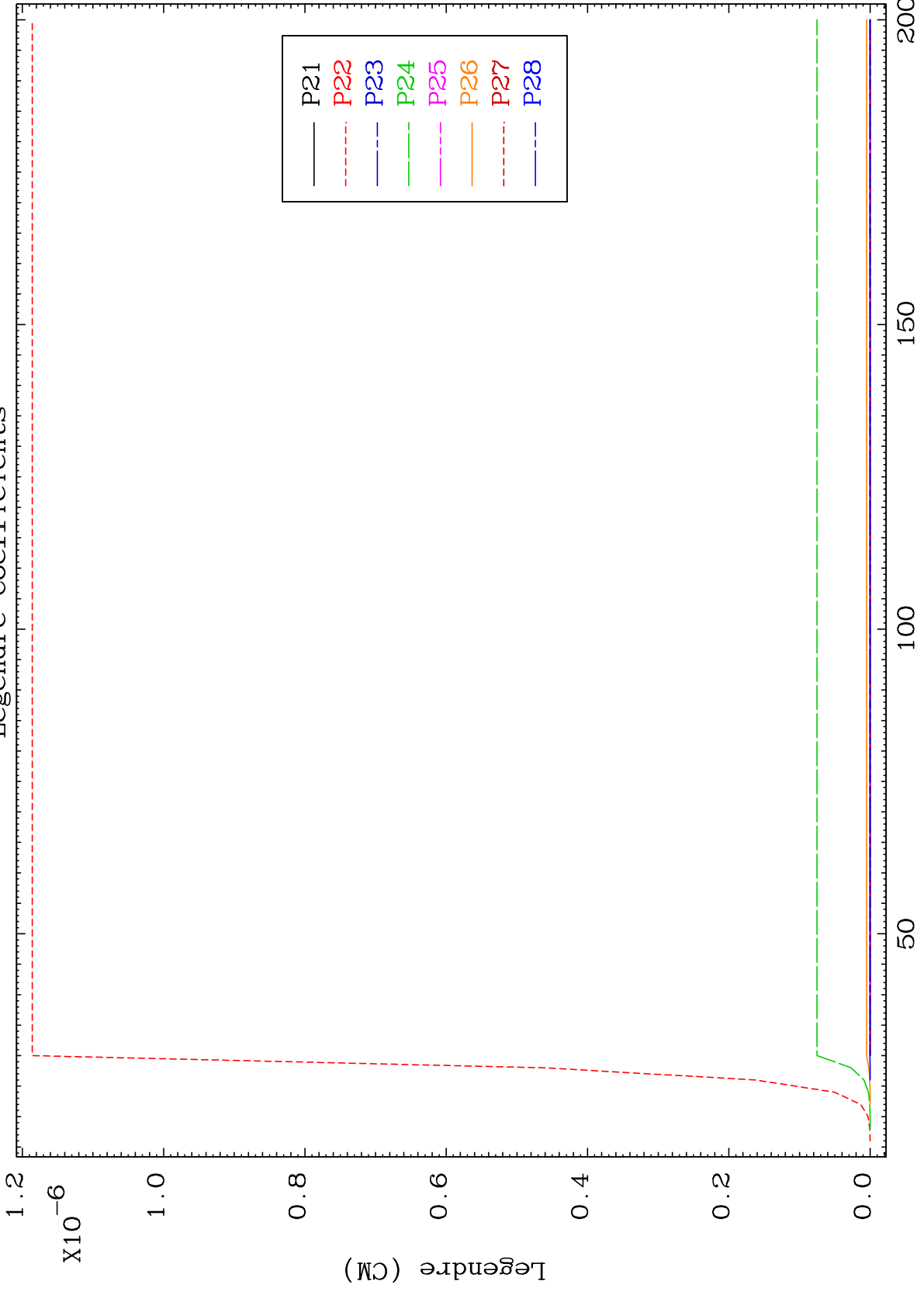
63

Incident Energy (MeV)

50-Sn-126



MAT 5067 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-126

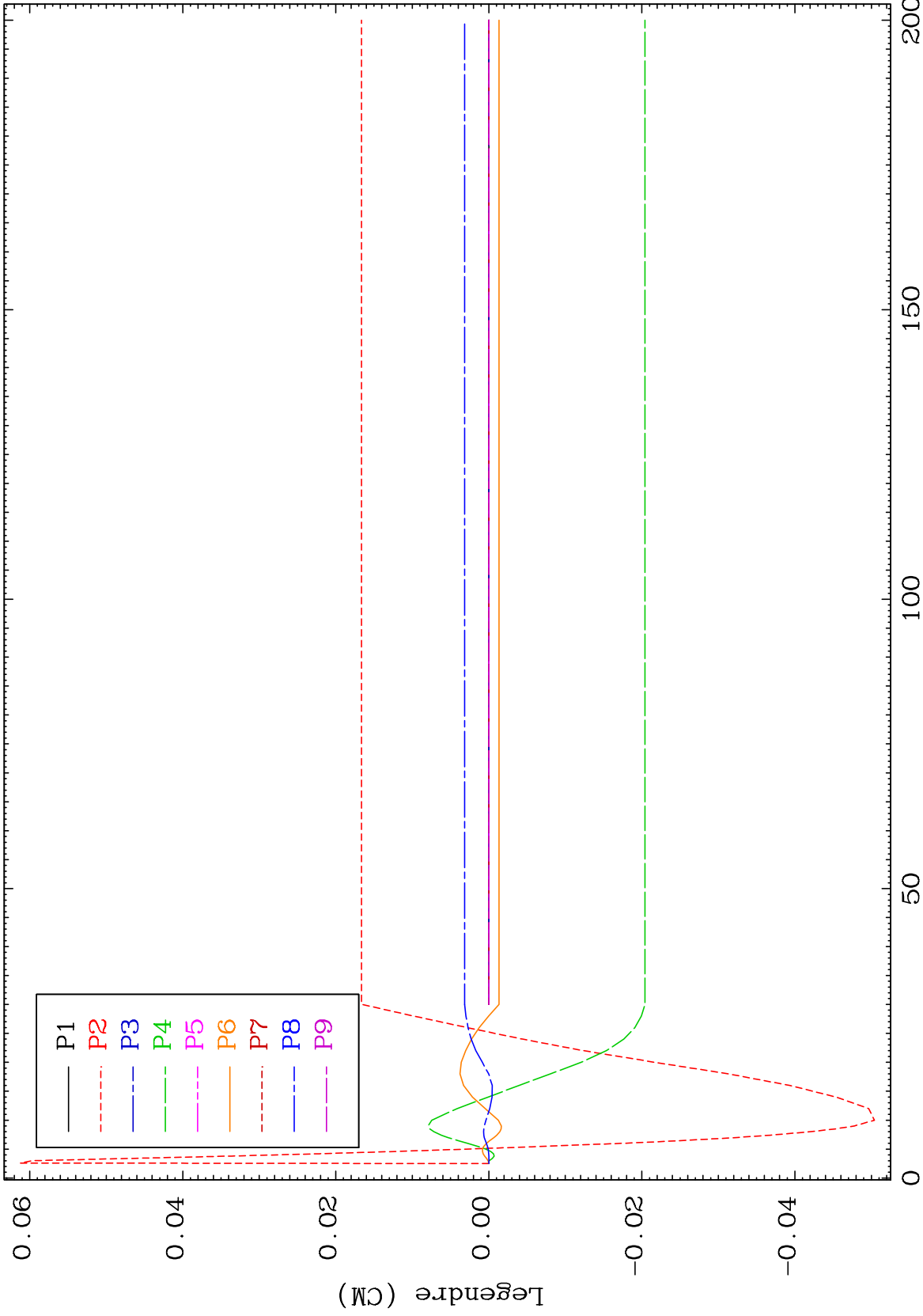


64 Incident Energy (MeV) 50-Sn-126

MAT 5067

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

50-Sn-126



65

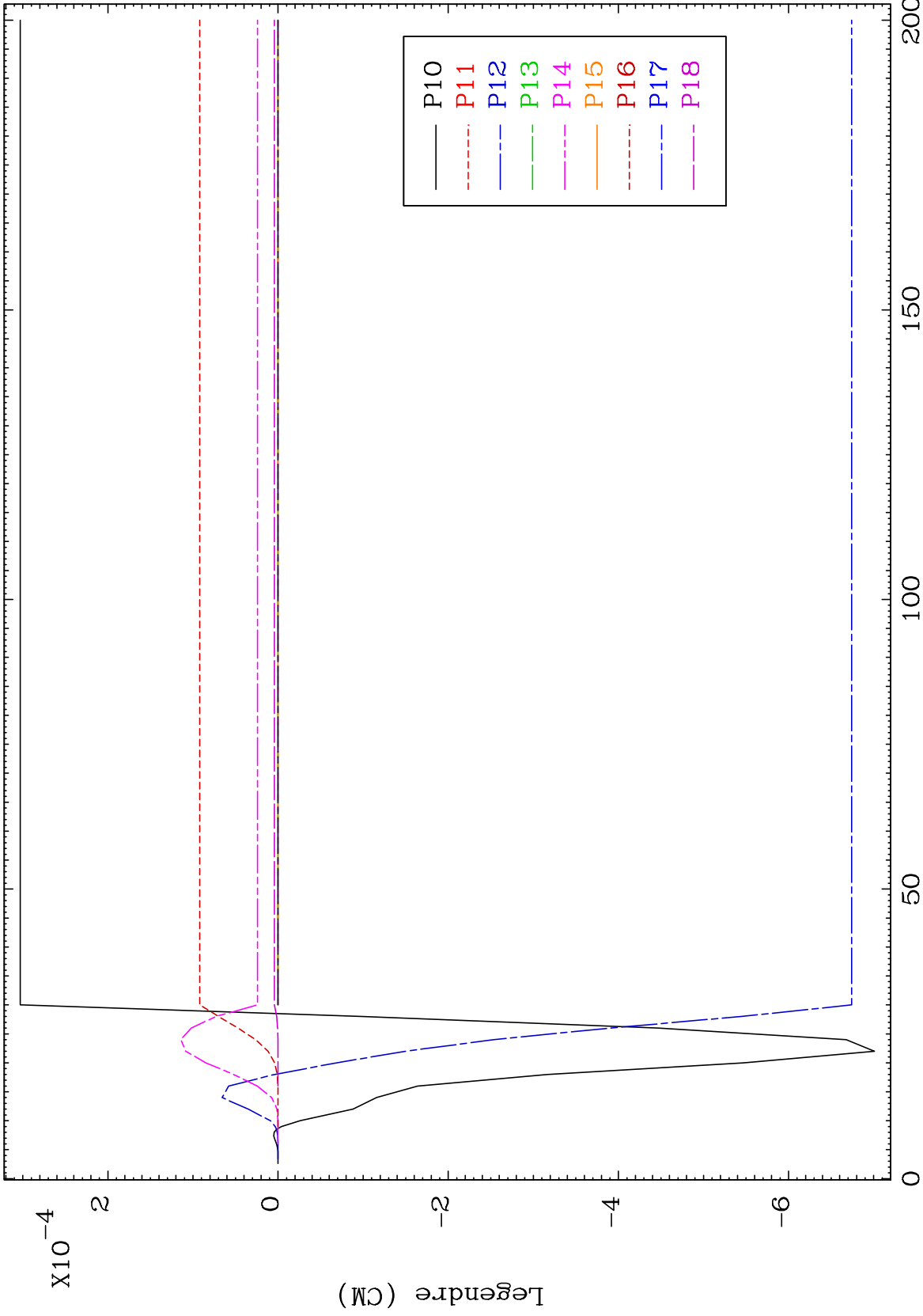
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



66

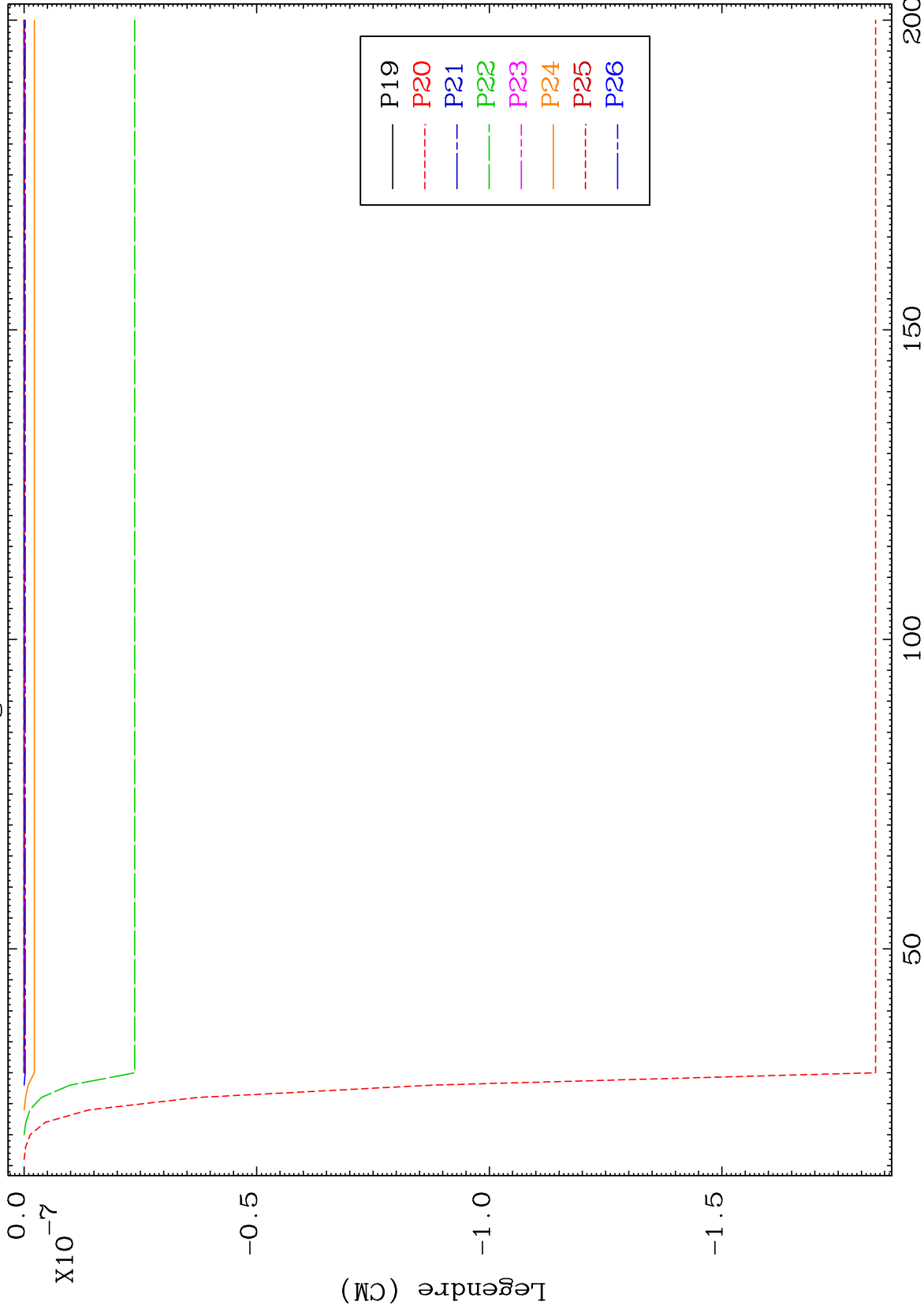
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



50-Sn-126

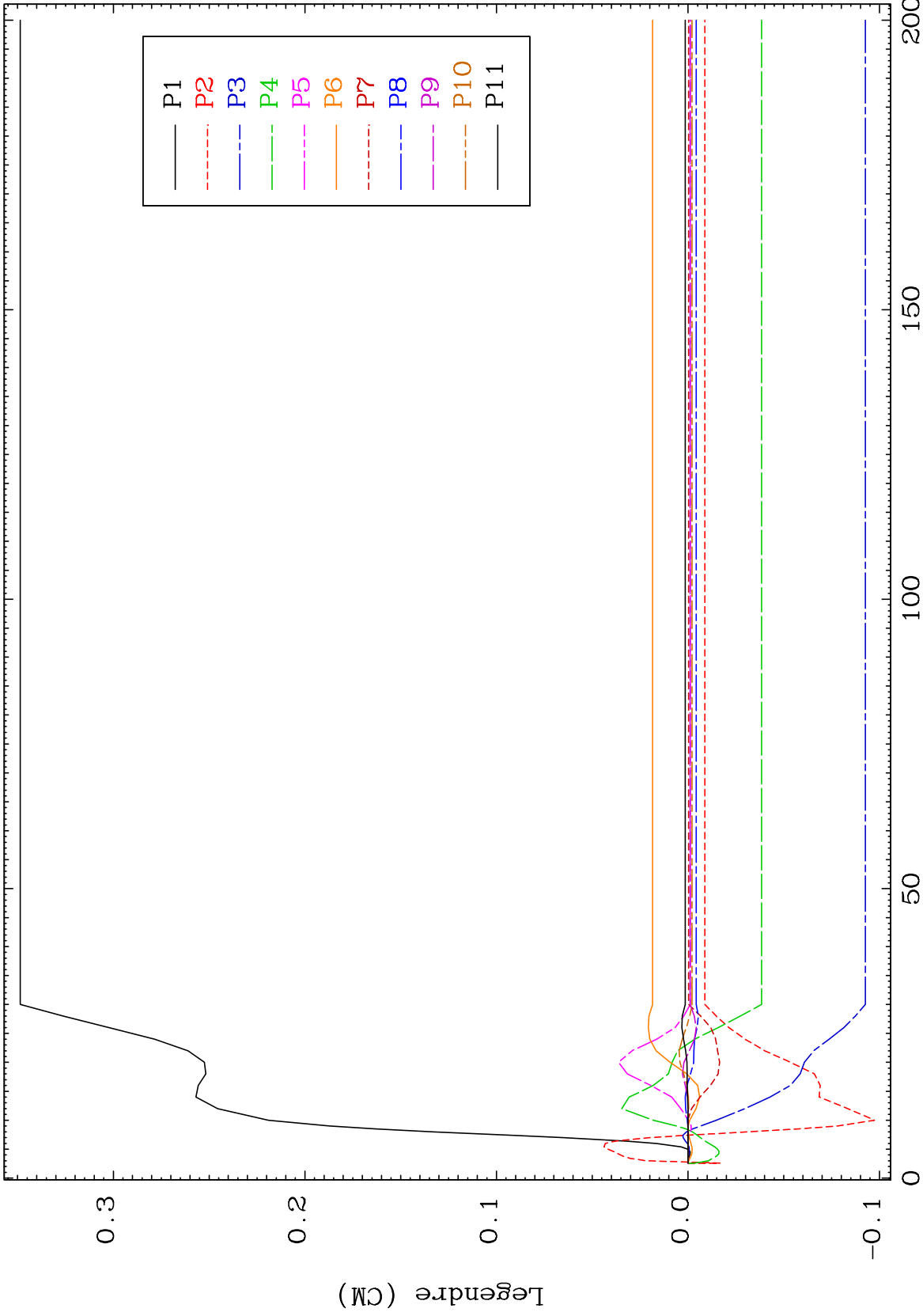
Incident Energy (MeV)

67

MAT 5067

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

50-Sn-126



68

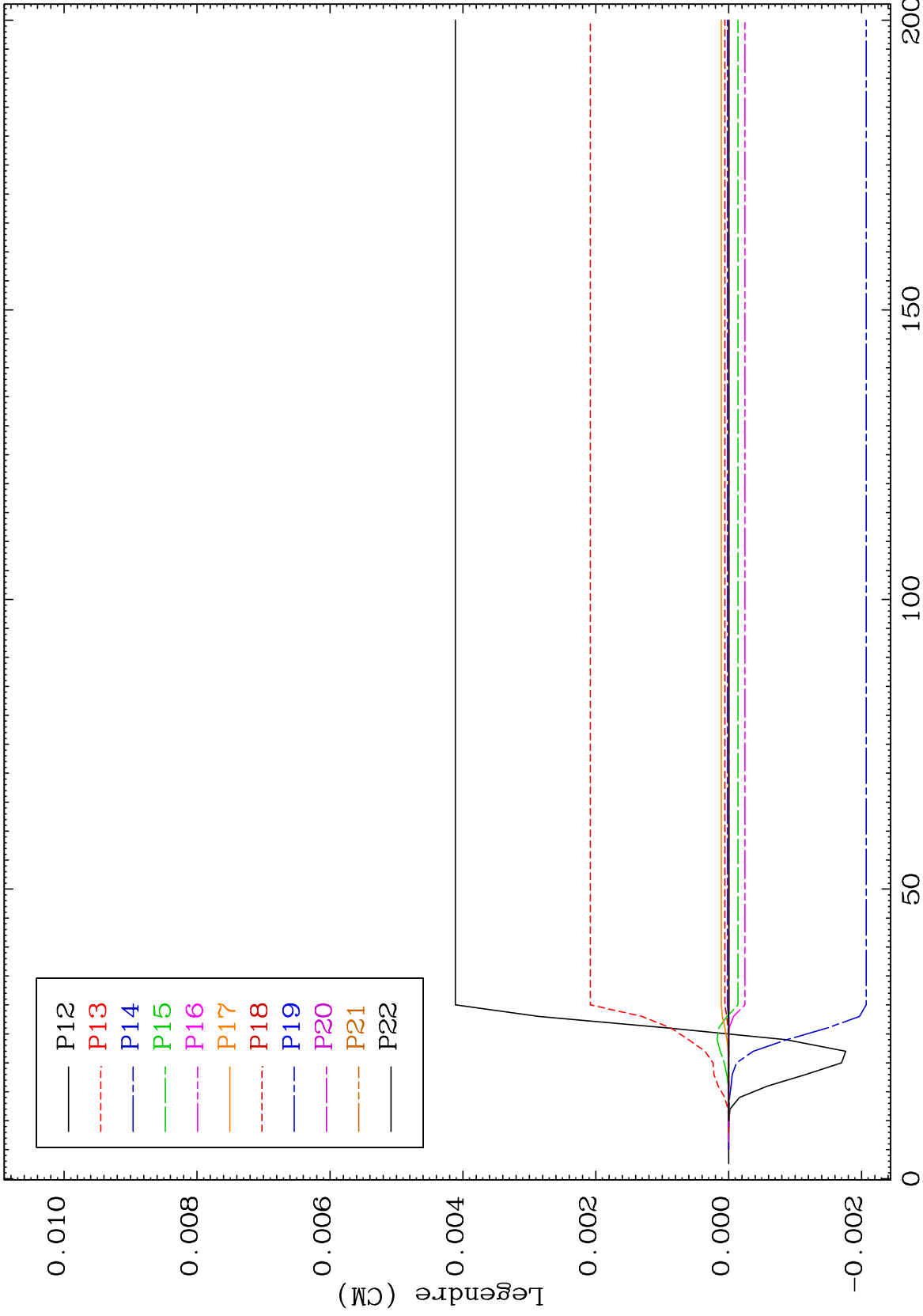
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



69

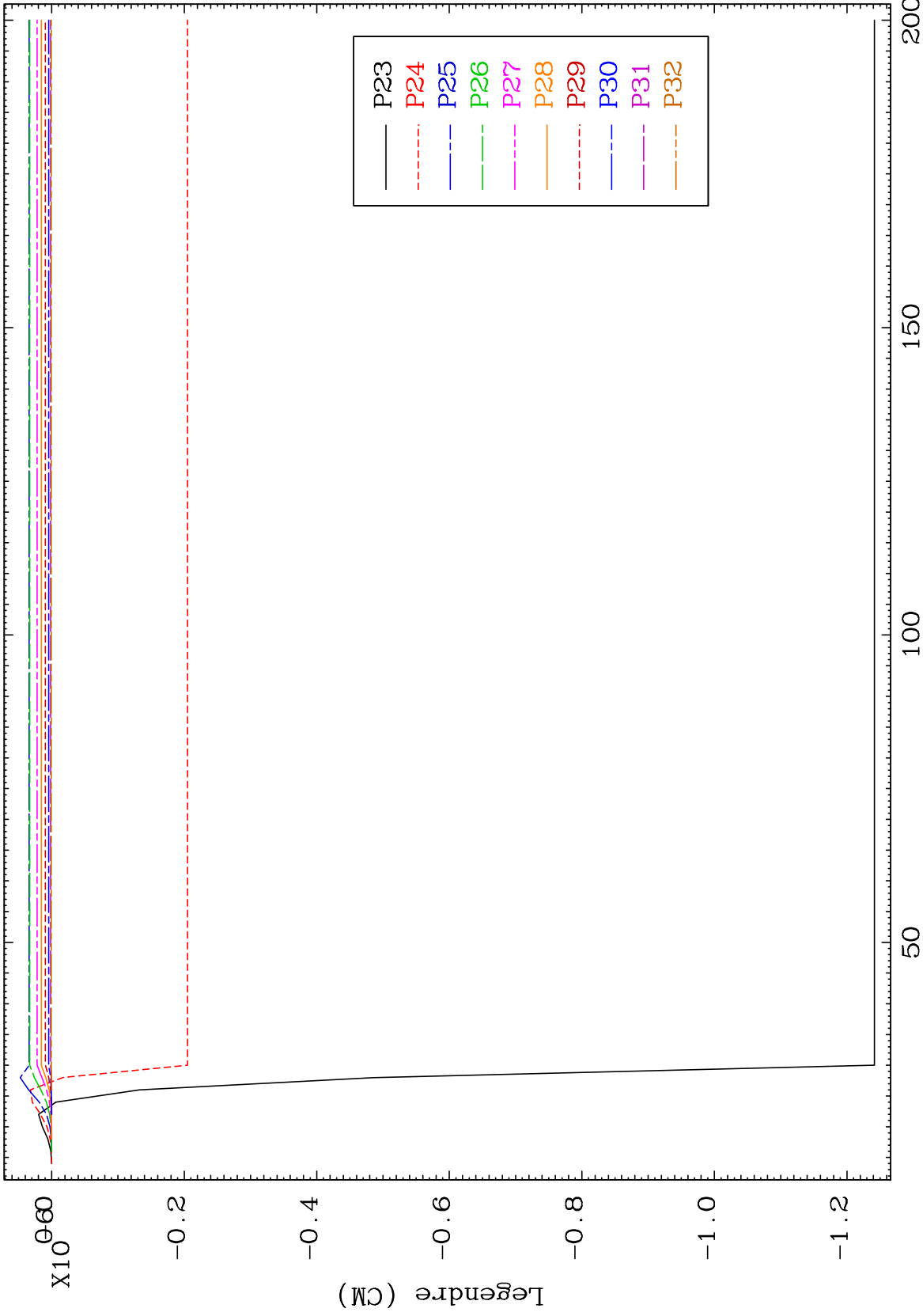
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



70

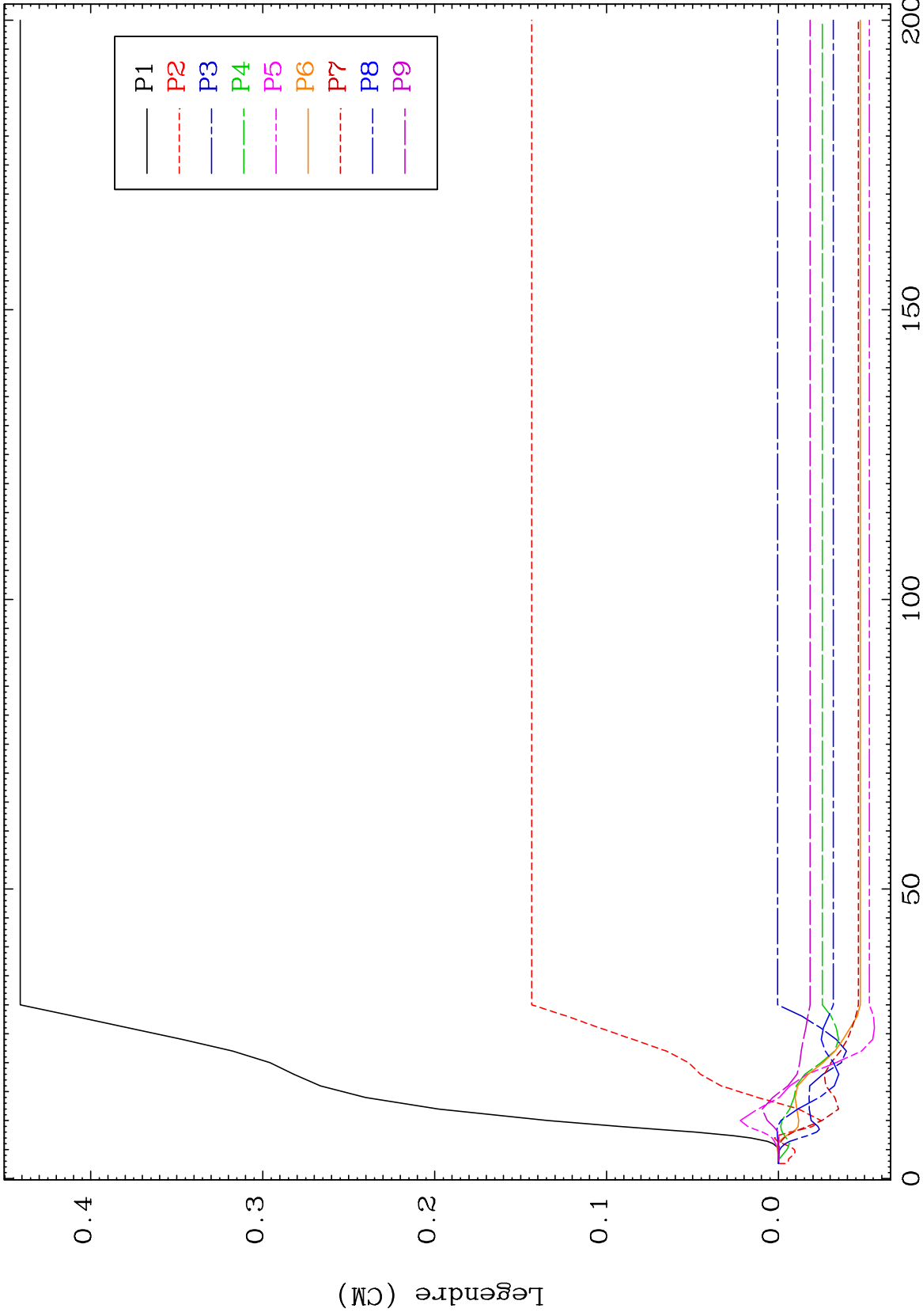
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126

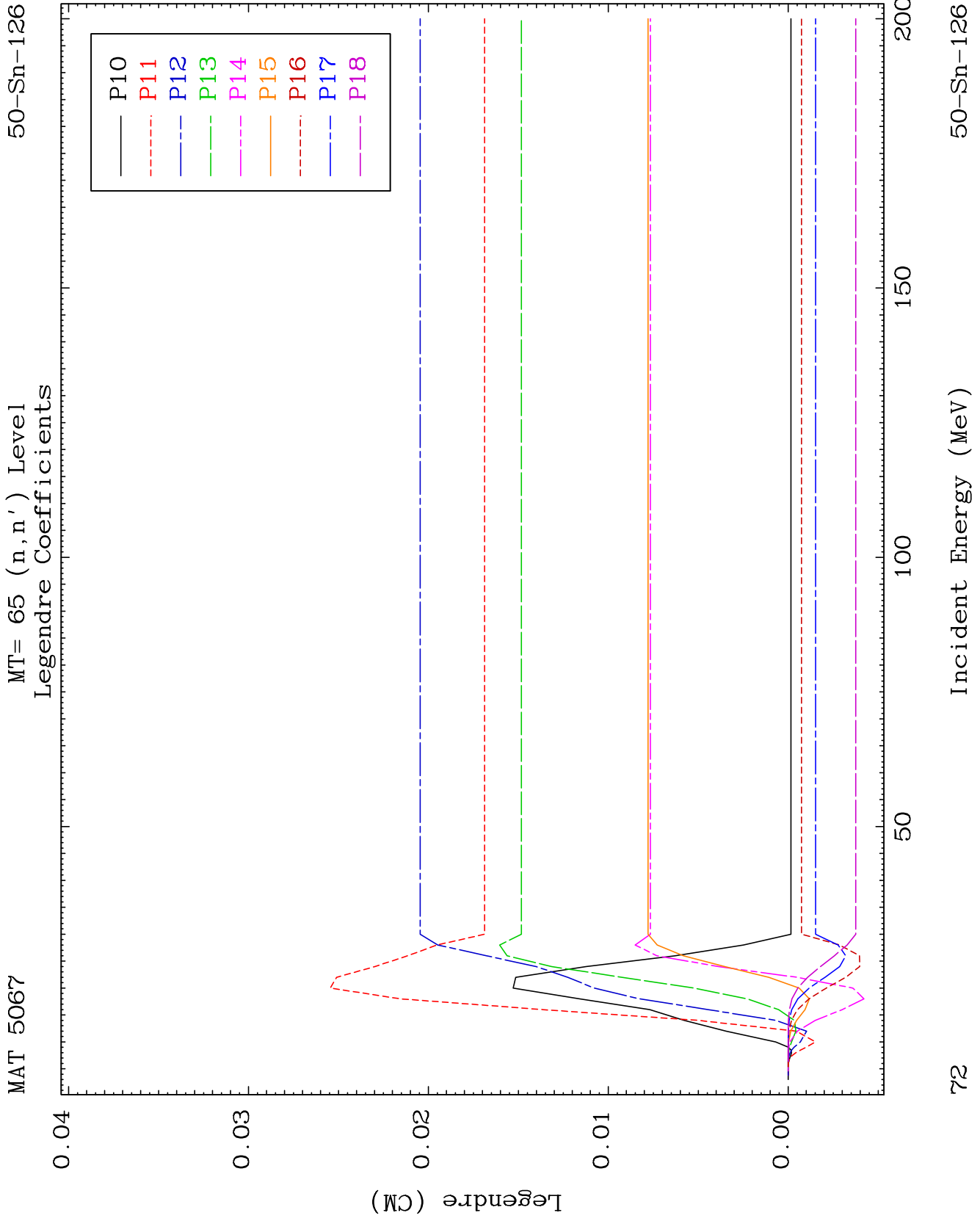


71

Incident Energy (MeV)

50-Sn-126

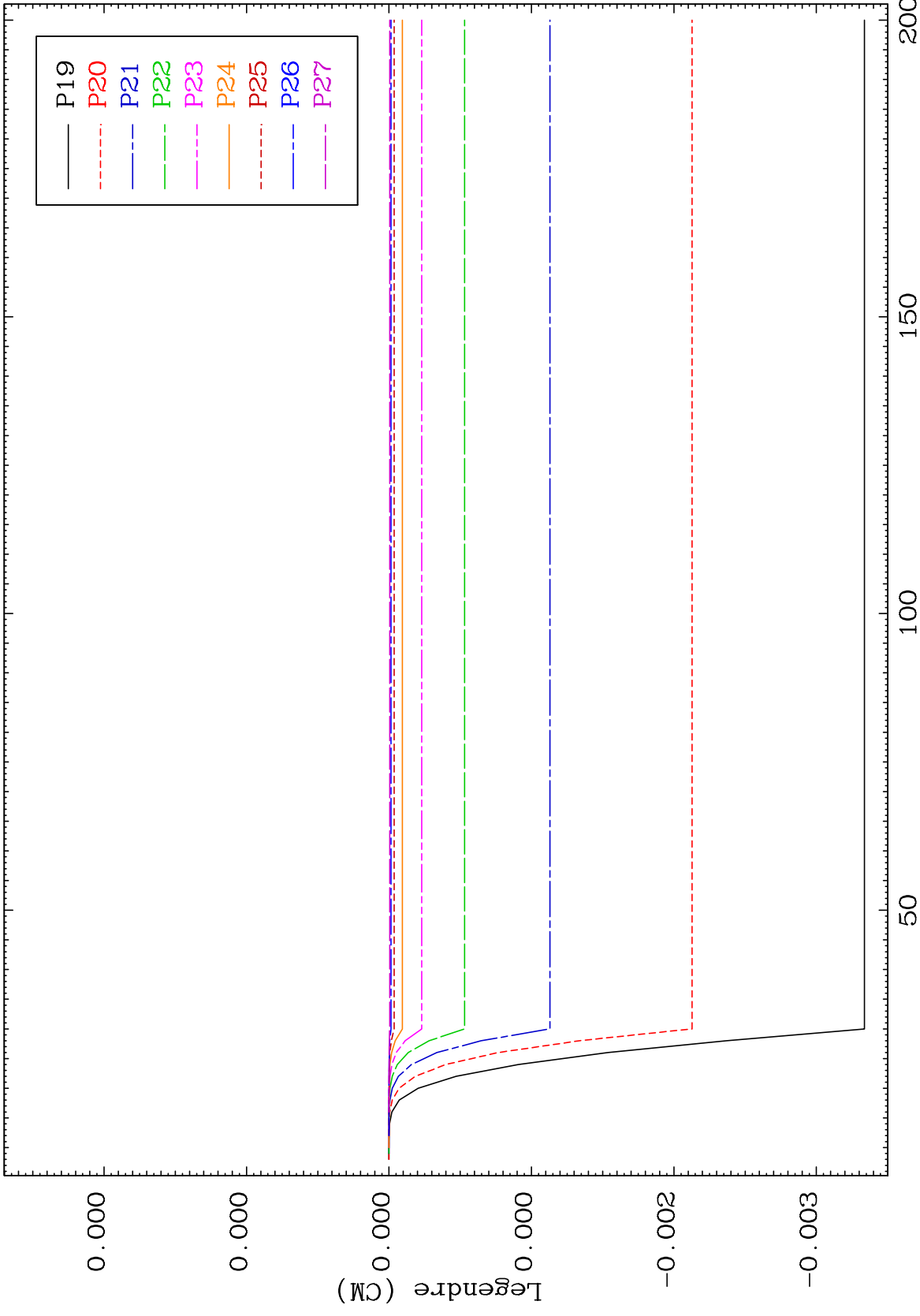




MAT 5067

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

50-Sn-126



73

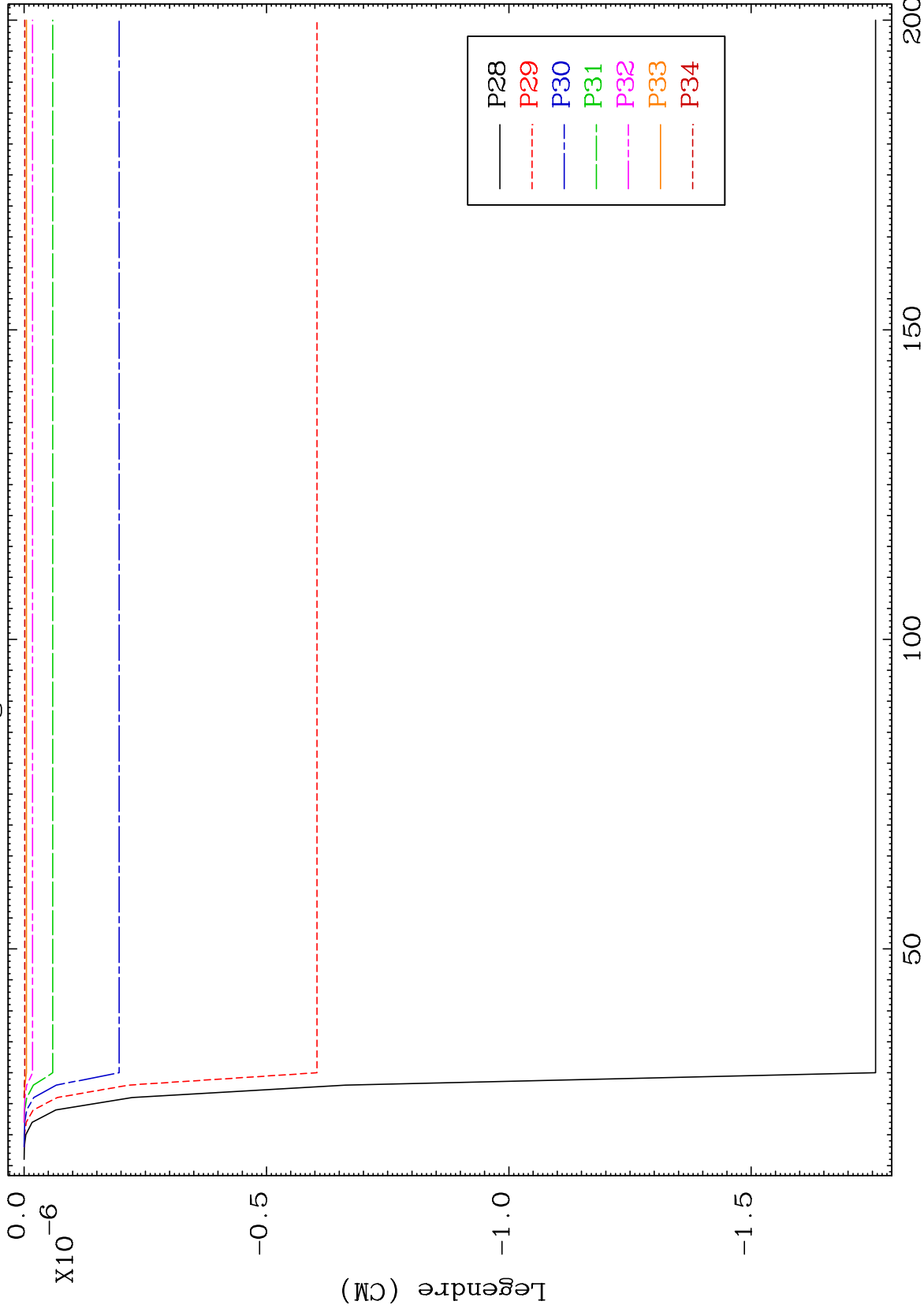
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



50-Sn-126

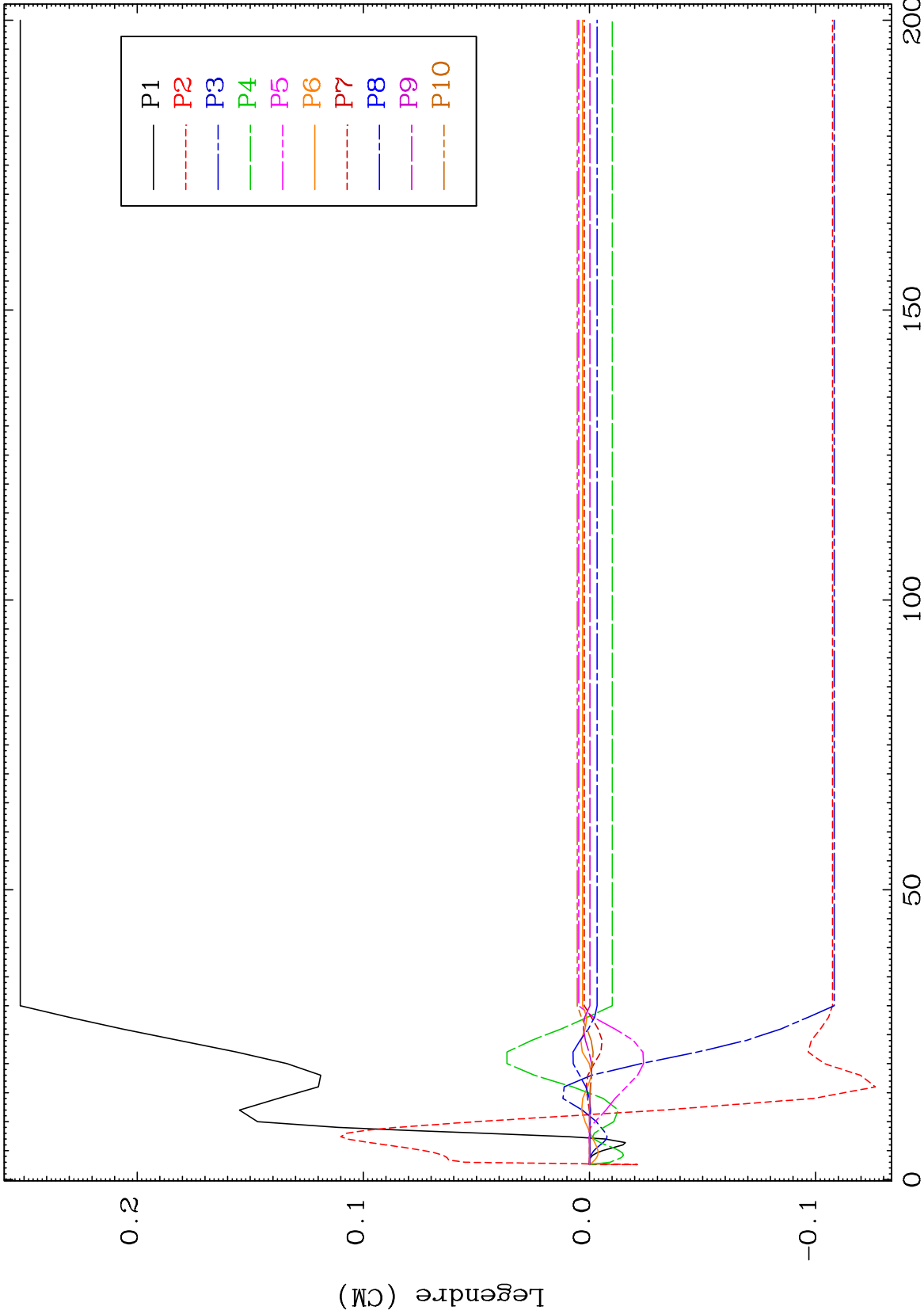
Incident Energy (MeV)

74

MAT 5067

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

50-Sn-126



75

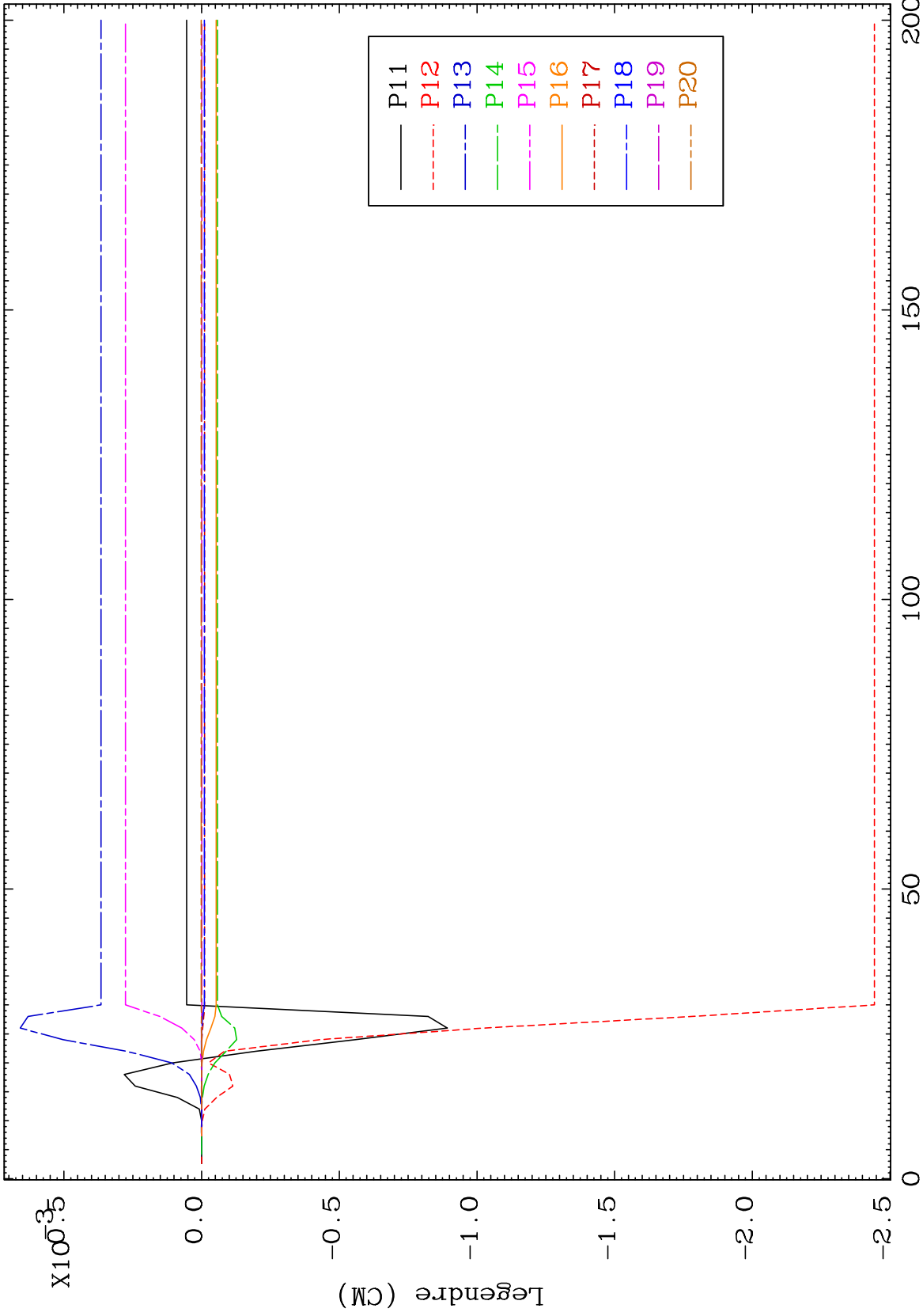
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



76

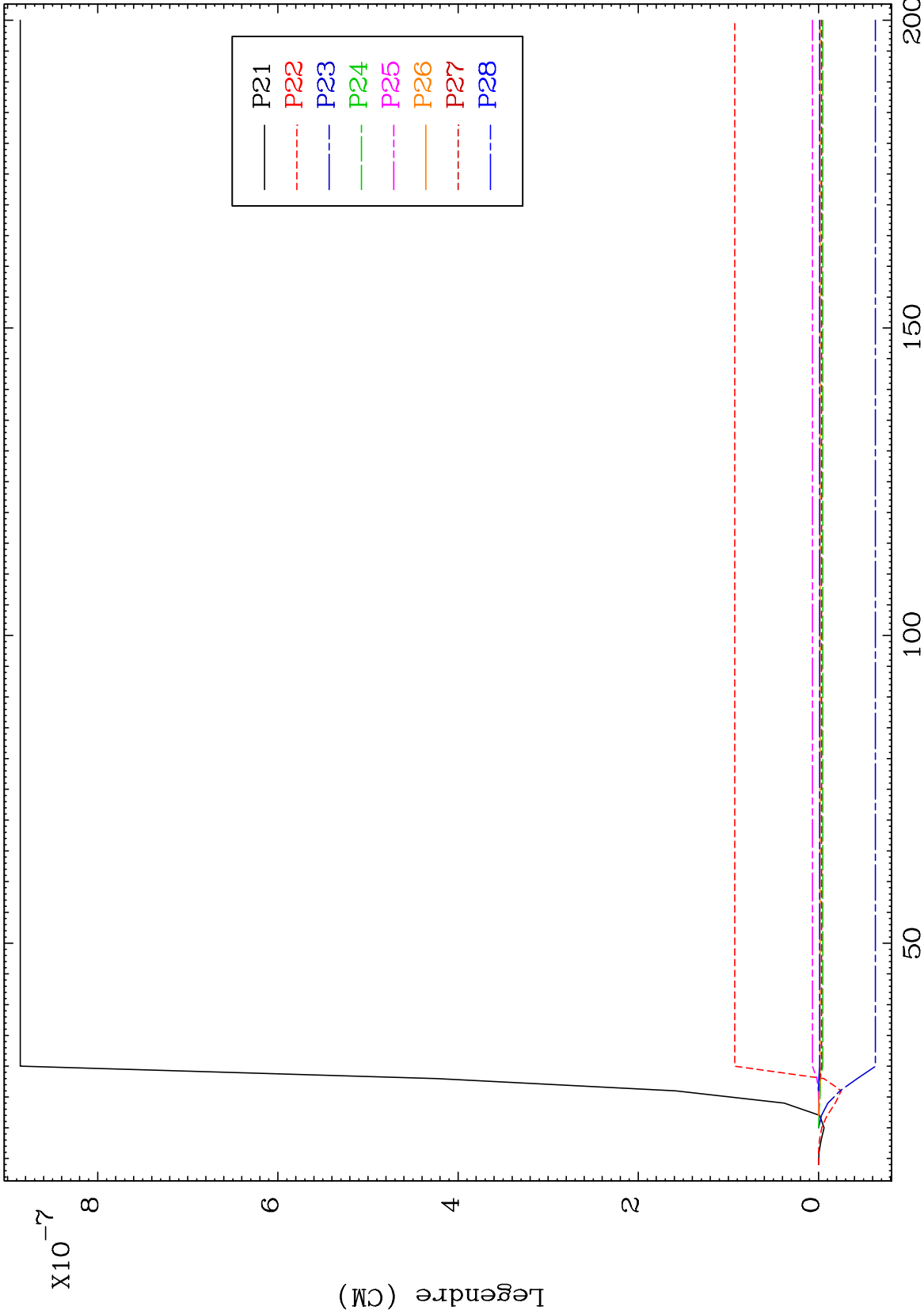
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



77

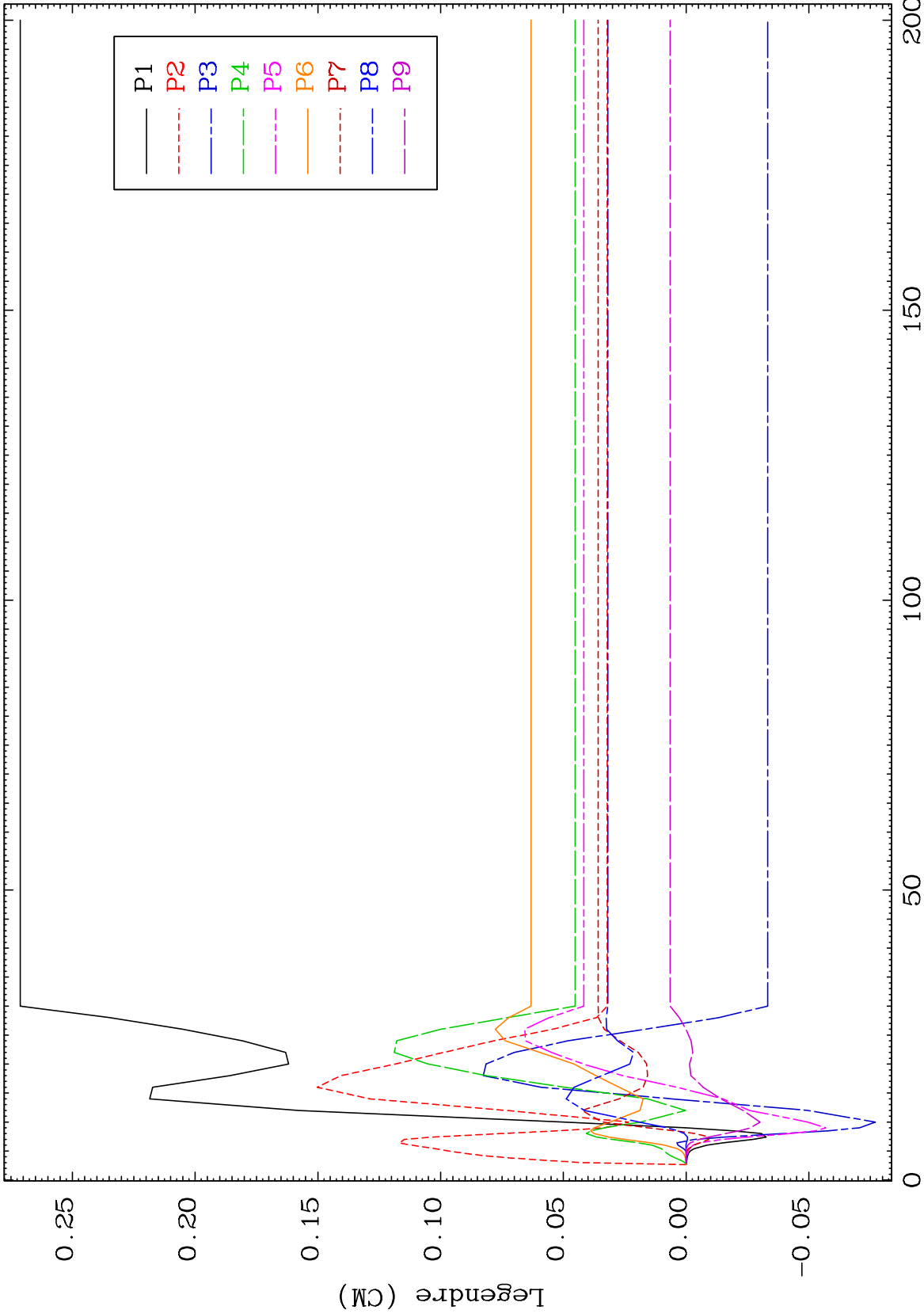
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



78

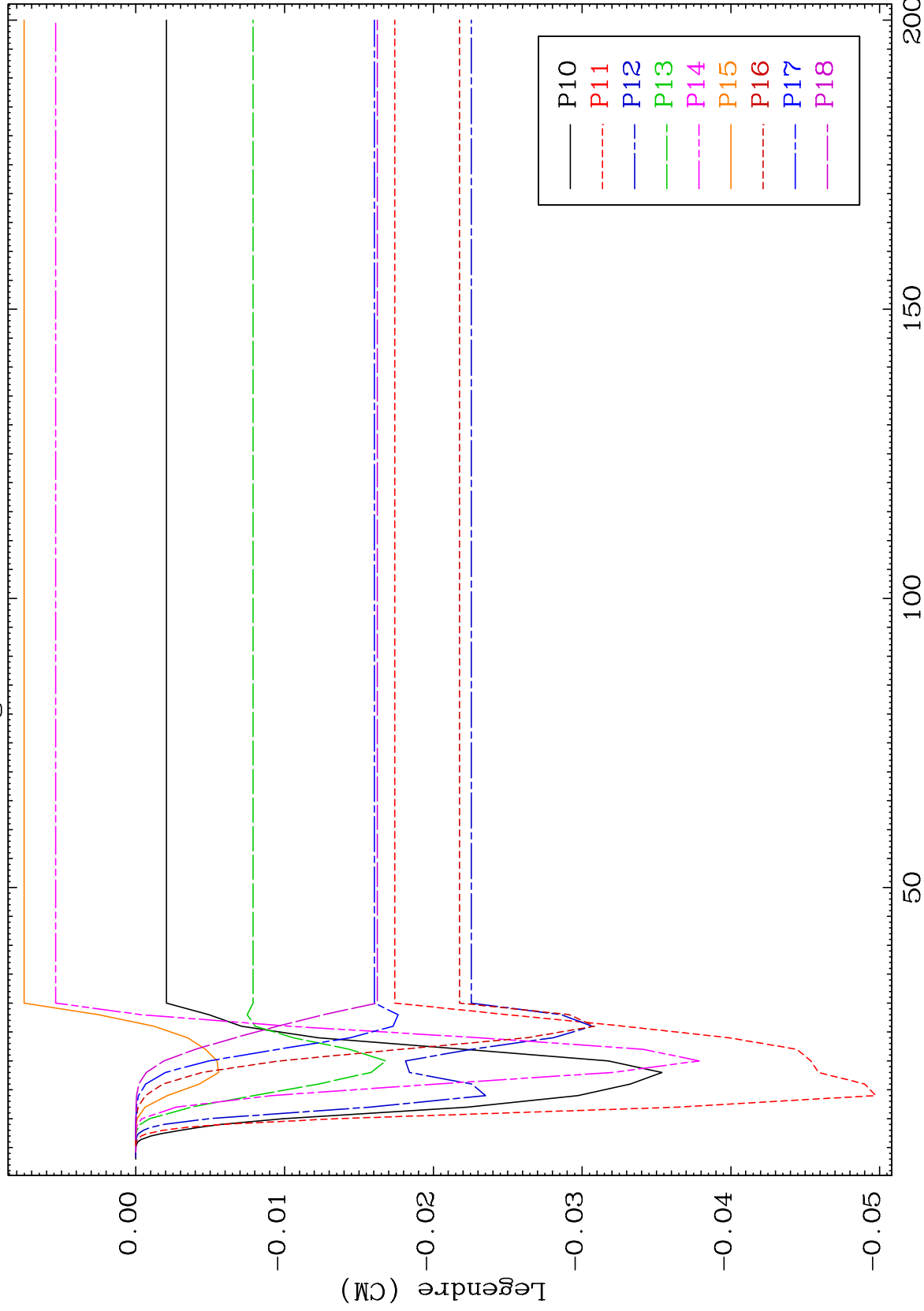
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



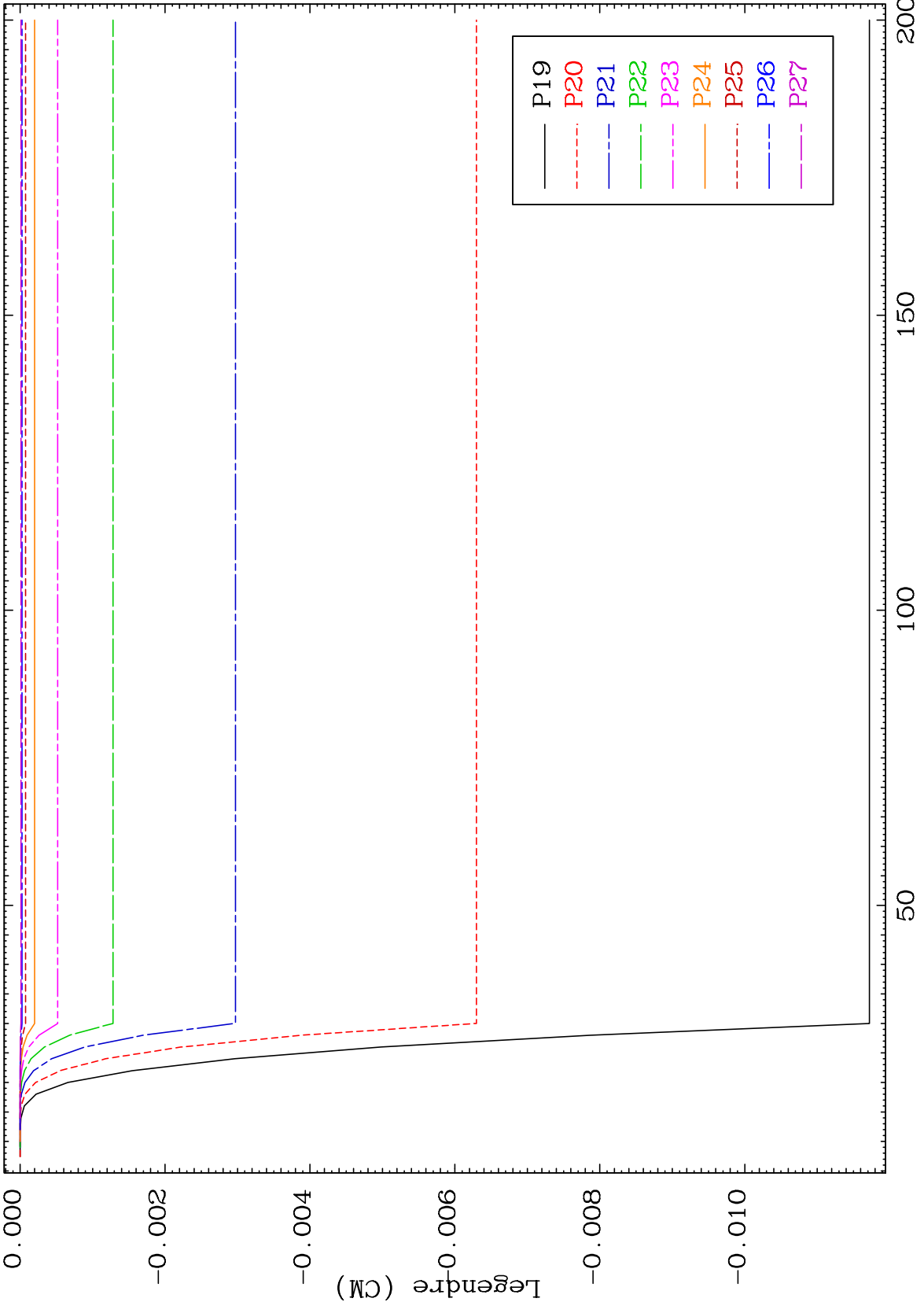
79

Incident Energy (MeV)

50-Sn-126

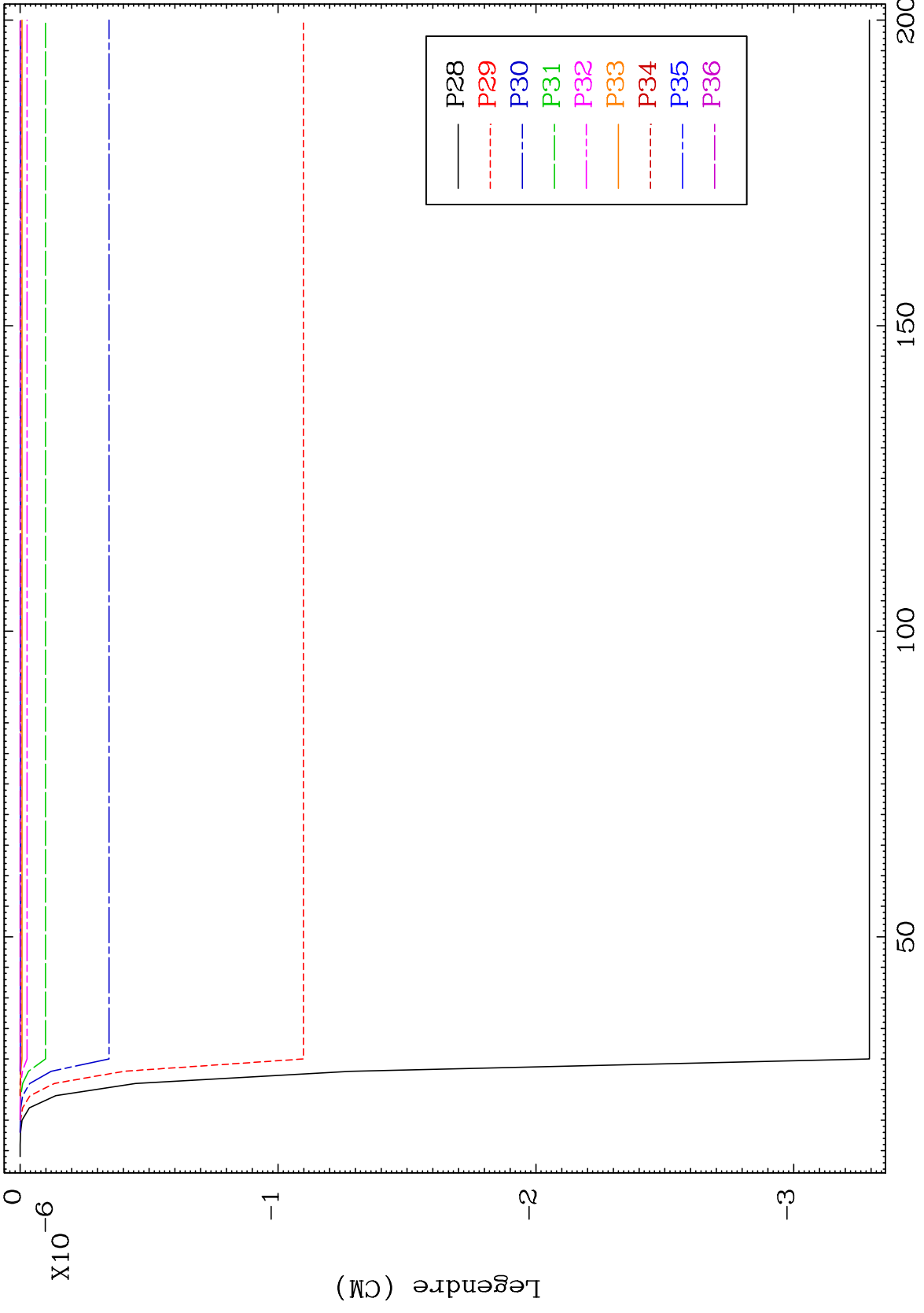


MAT 5067 MT= 67 (n,n') Level Legendre Coefficients 50-Sn-126



80 Incident Energy (MeV) 50-Sn-126

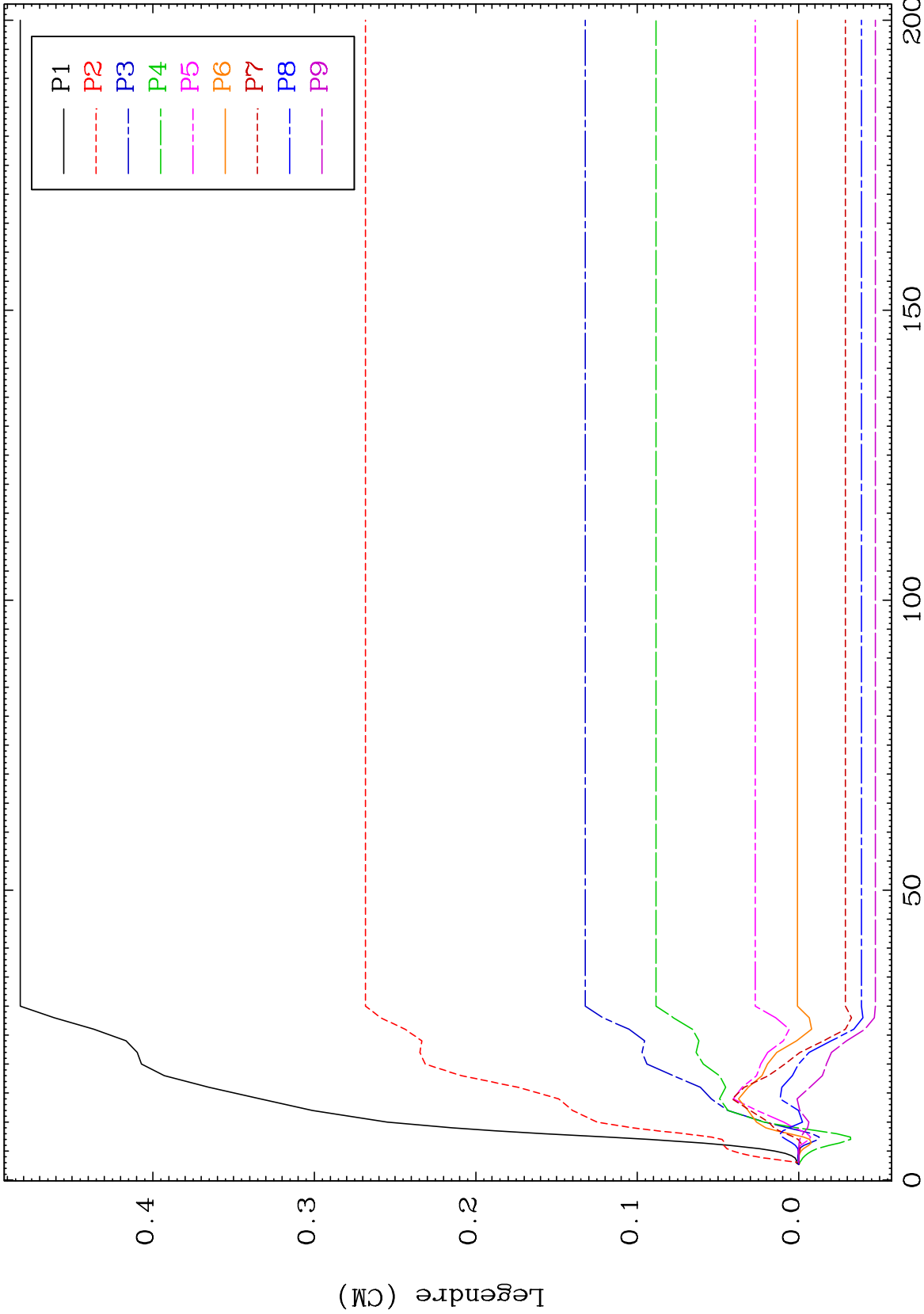
MAT 5067 MT= 67 (n,n') Level Legendre Coefficients 50-Sn-126



MAT 5067

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

50-Sn-126



82

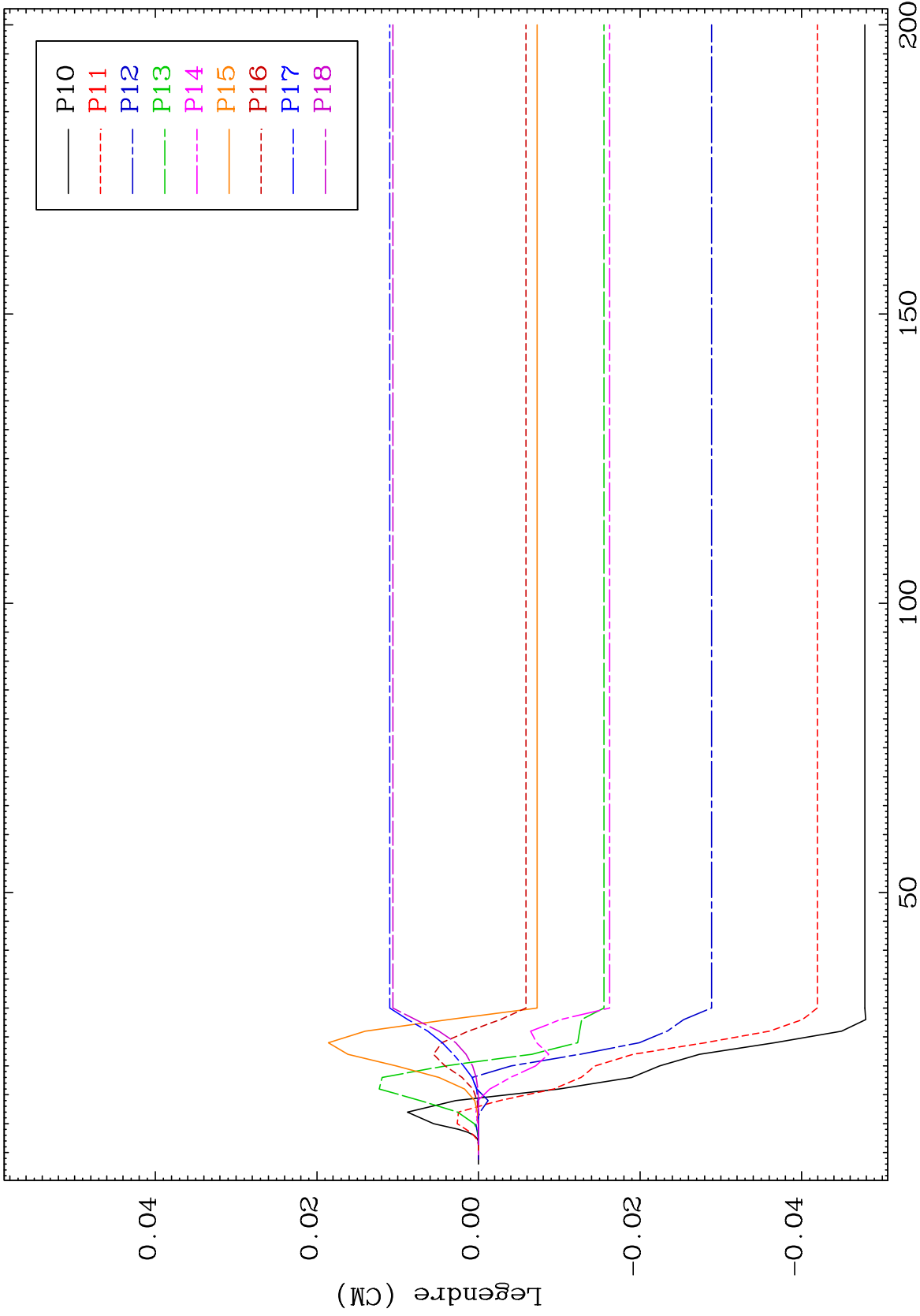
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



83

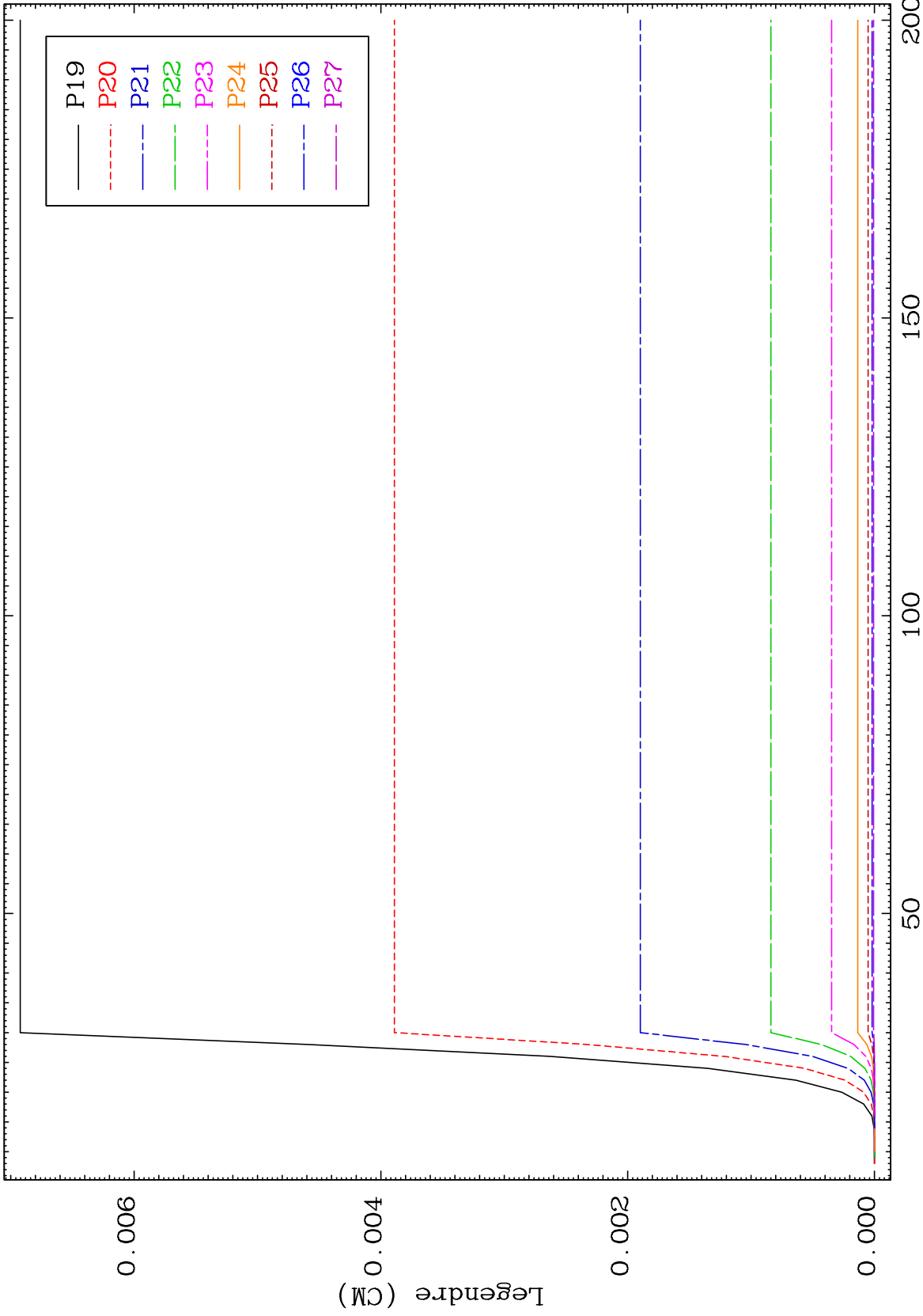
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



84

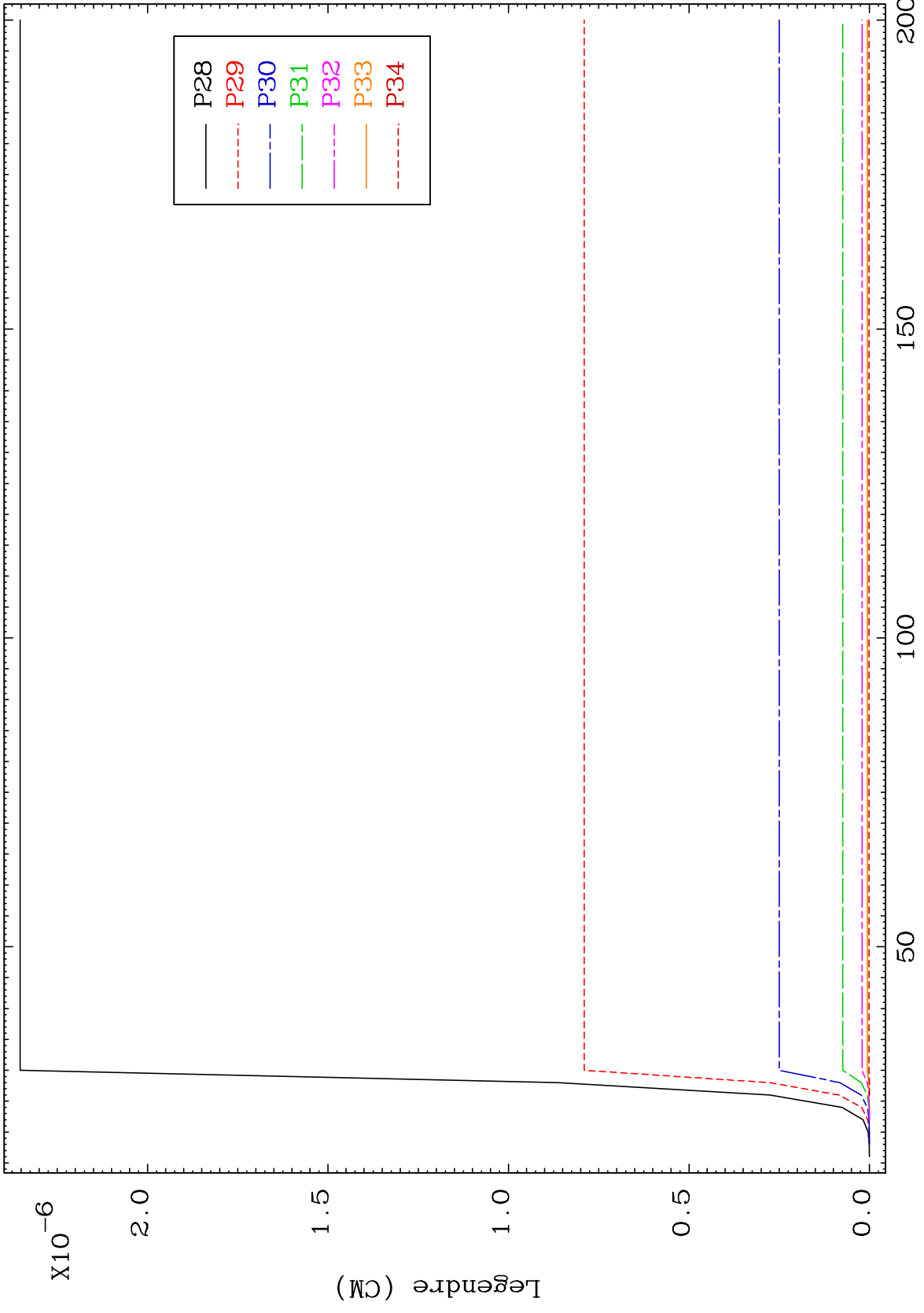
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



85

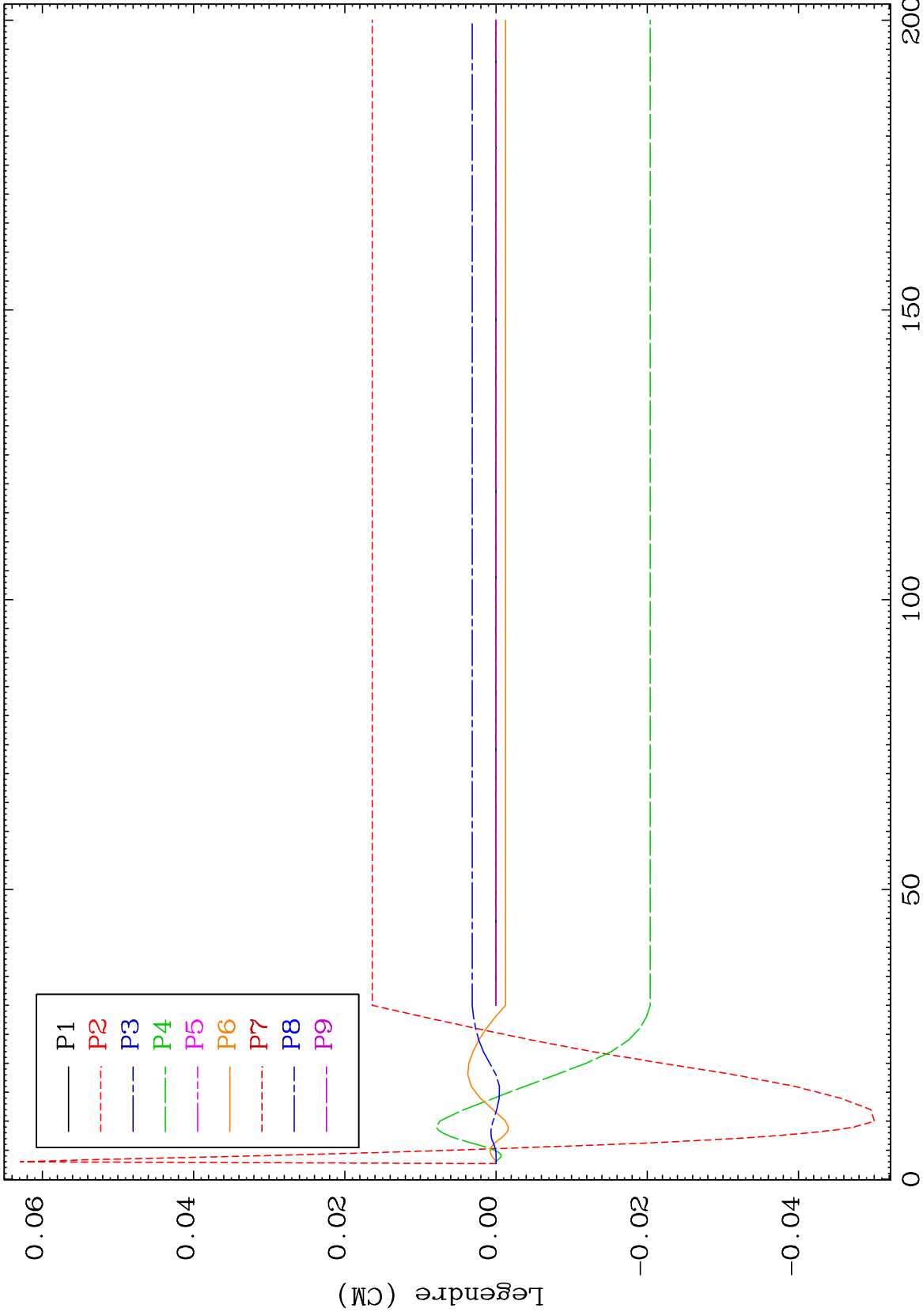
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



86

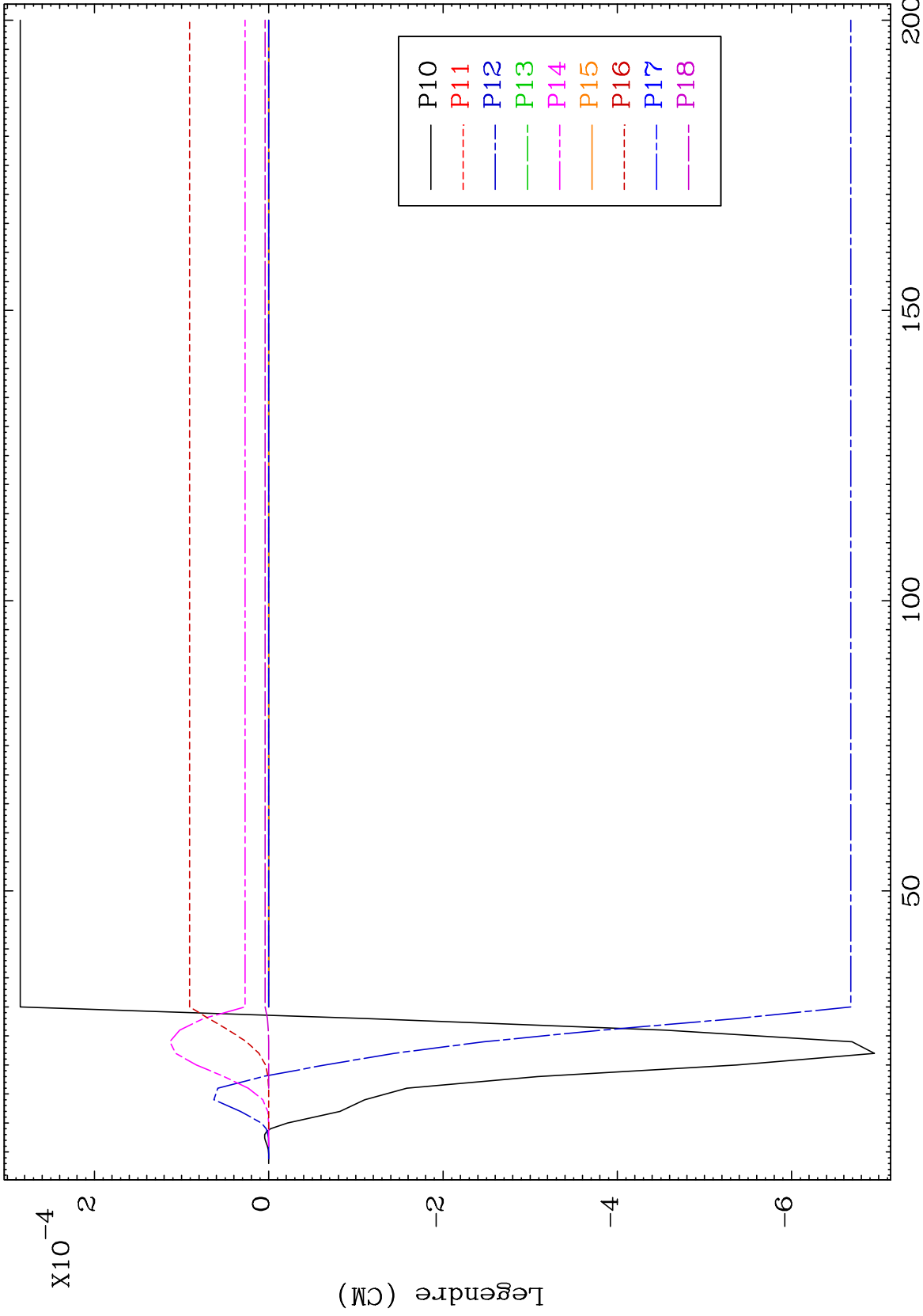
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



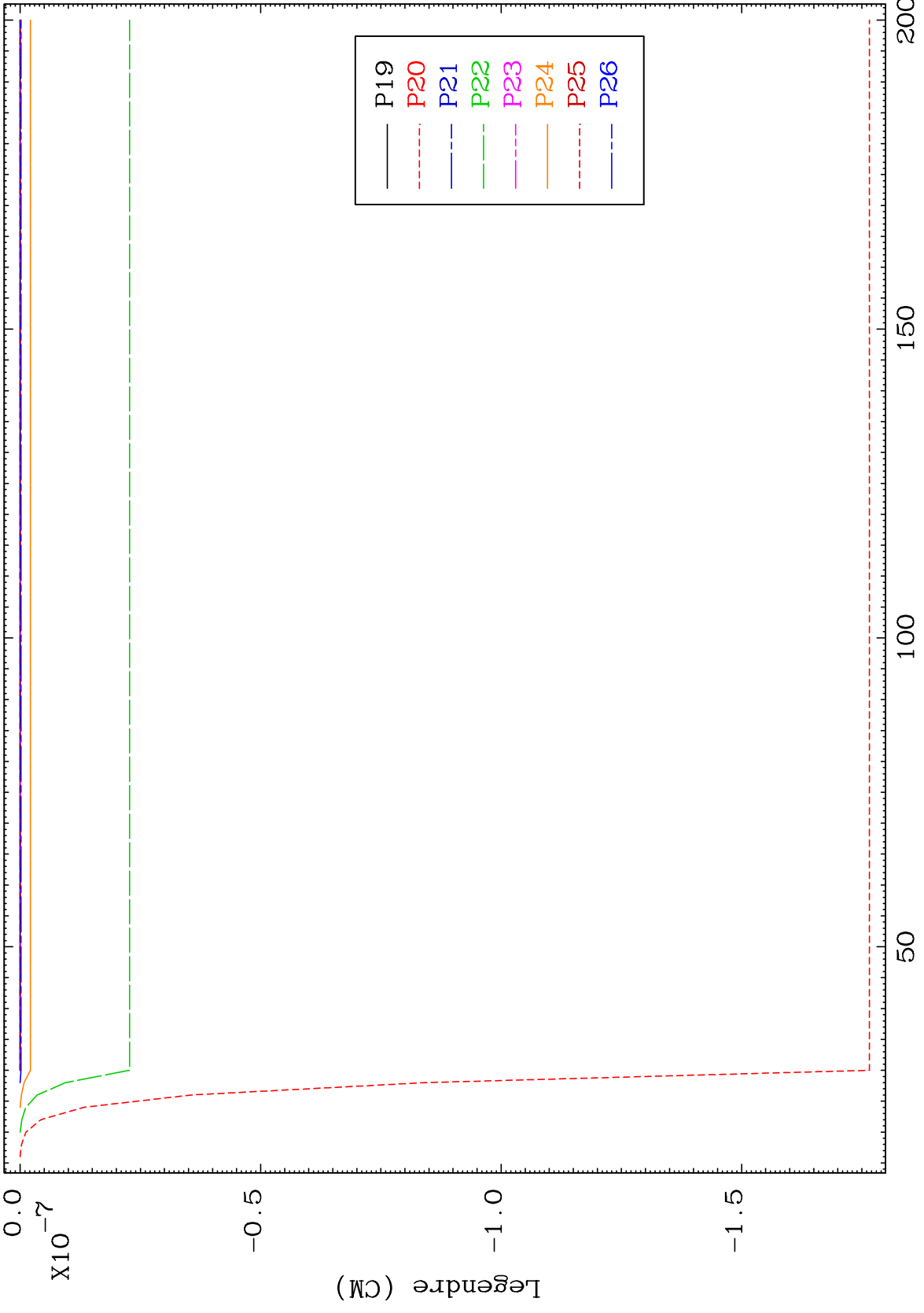
87

Incident Energy (MeV)

50-Sn-126



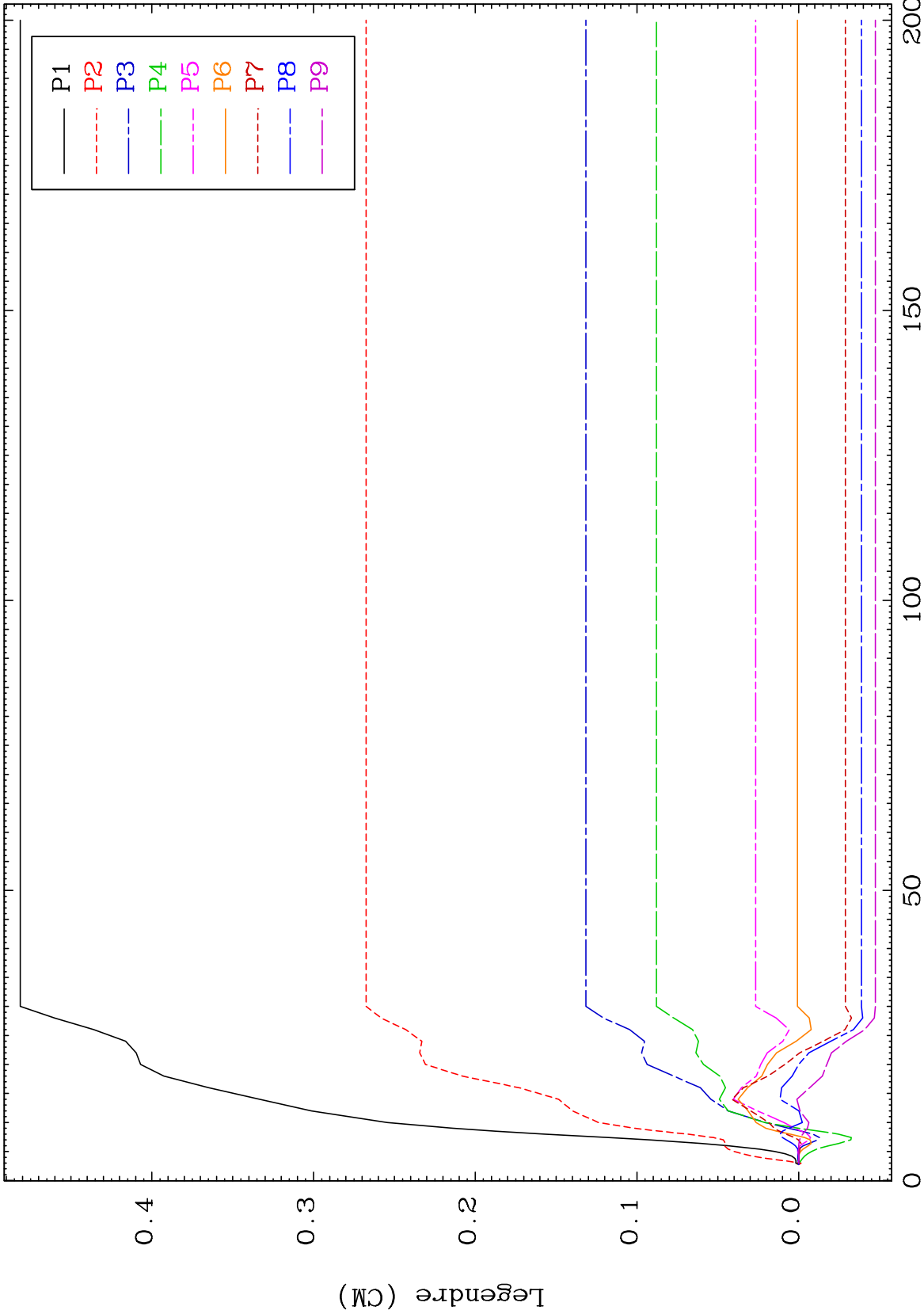
MAT 5067 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-126



MAT 5067

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

50-Sn-126



89

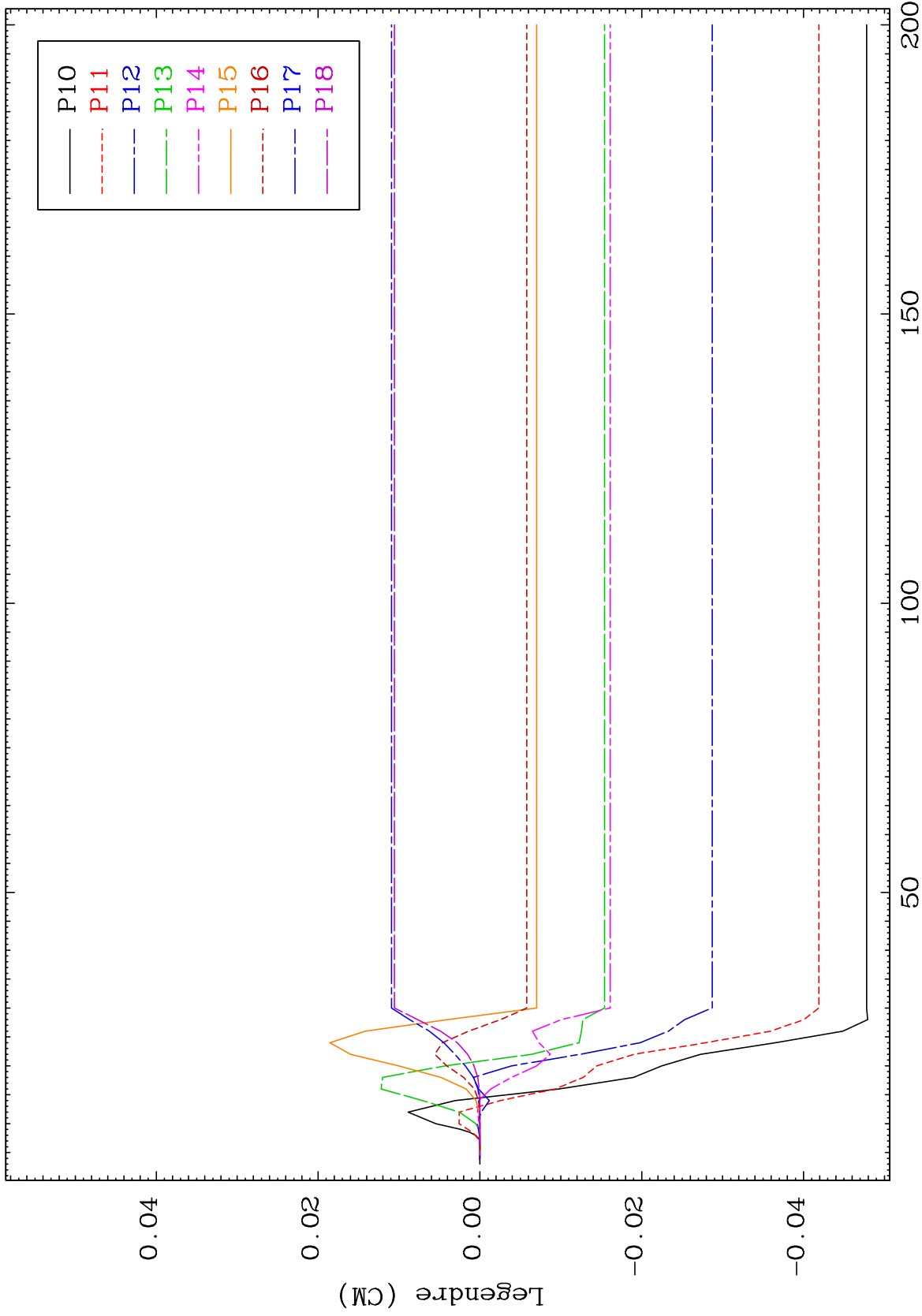
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



90

Incident Energy (MeV)

50

150

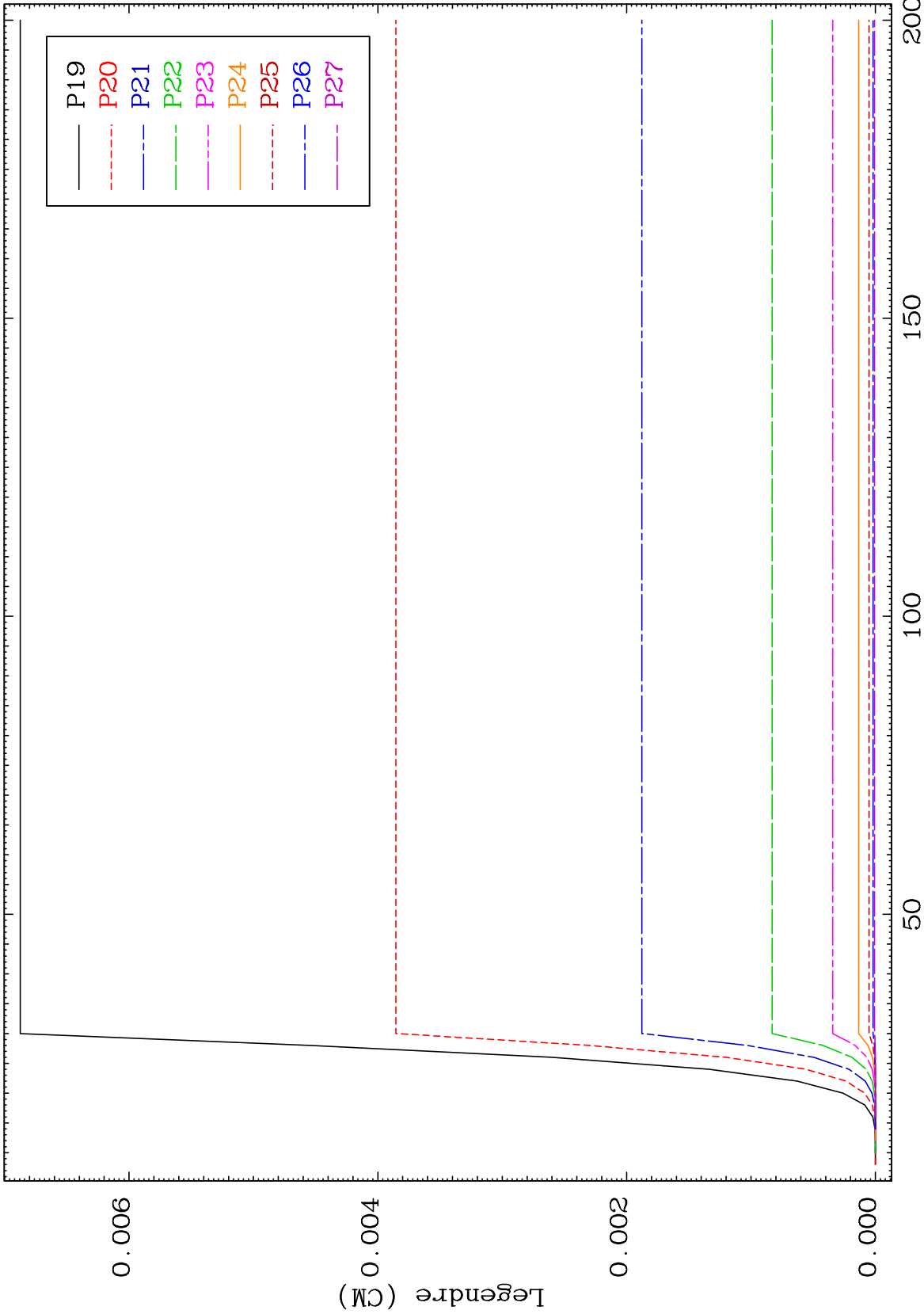
200

50-Sn-126

MAT 5067

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

50-Sn-126



91

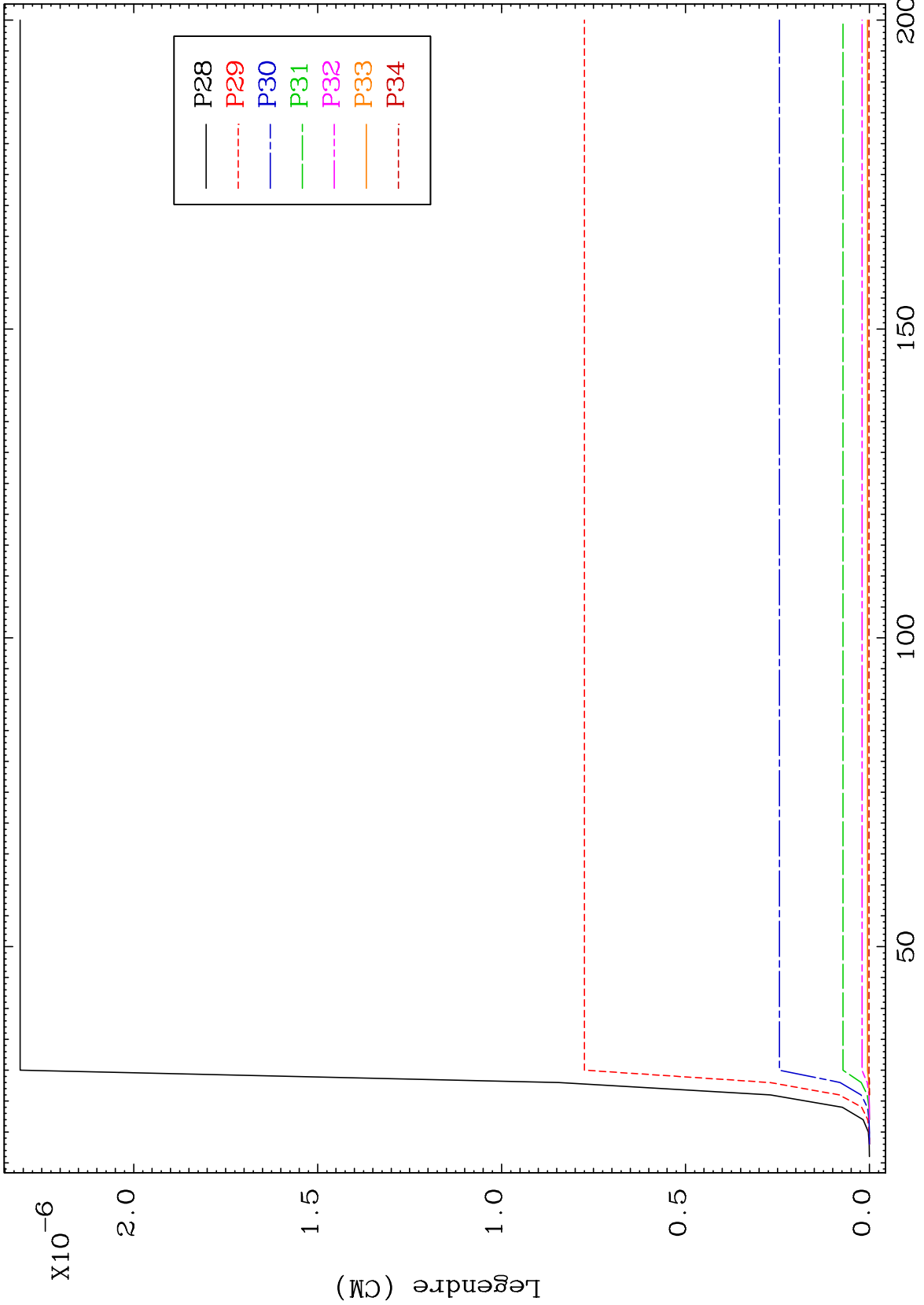
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



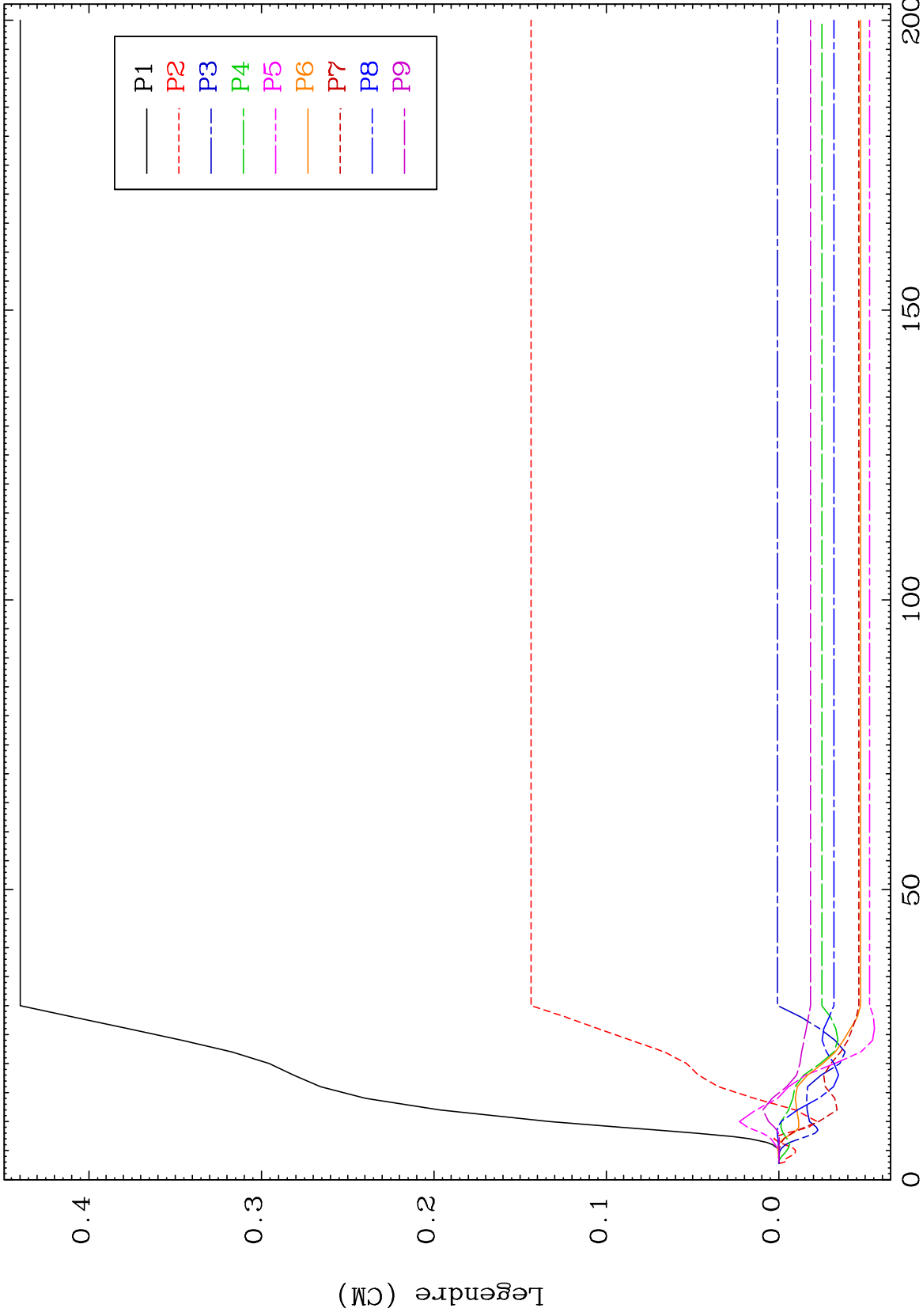
92

50-Sn-126

MAT 5067

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

50-Sn-126



93

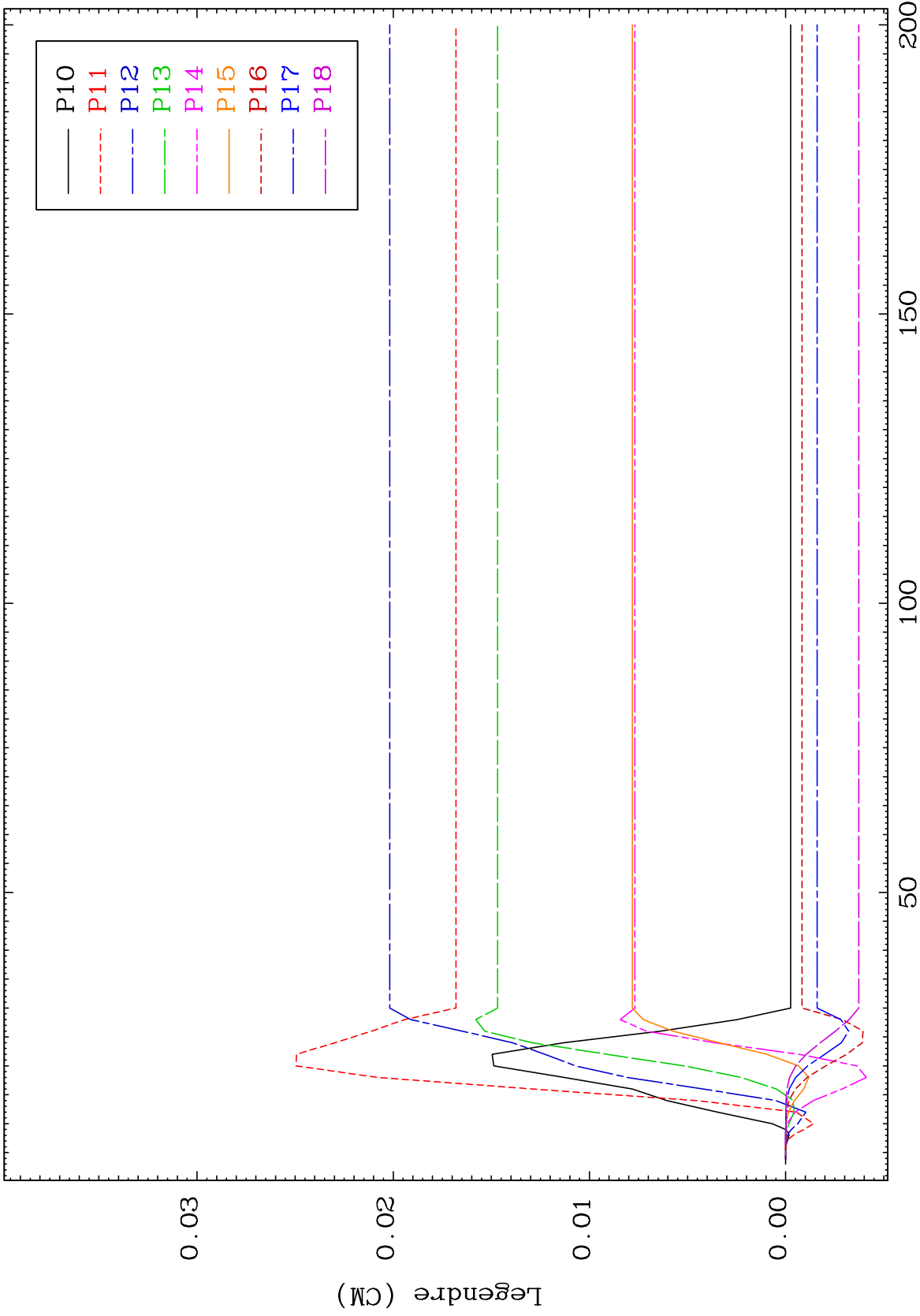
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



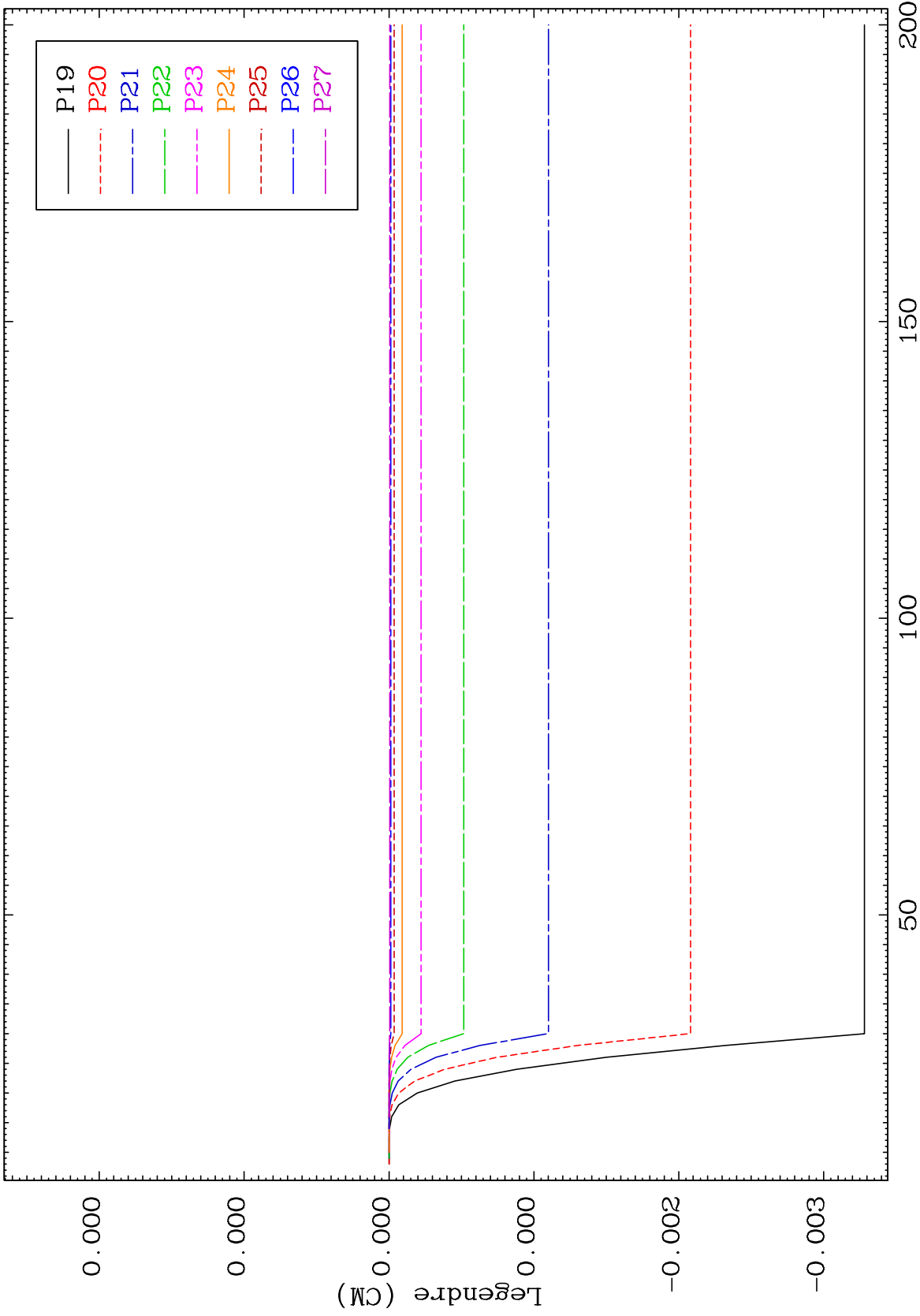
94

50-Sn-126

MAT 5067

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

50-Sn-126



95

Incident Energy (MeV)

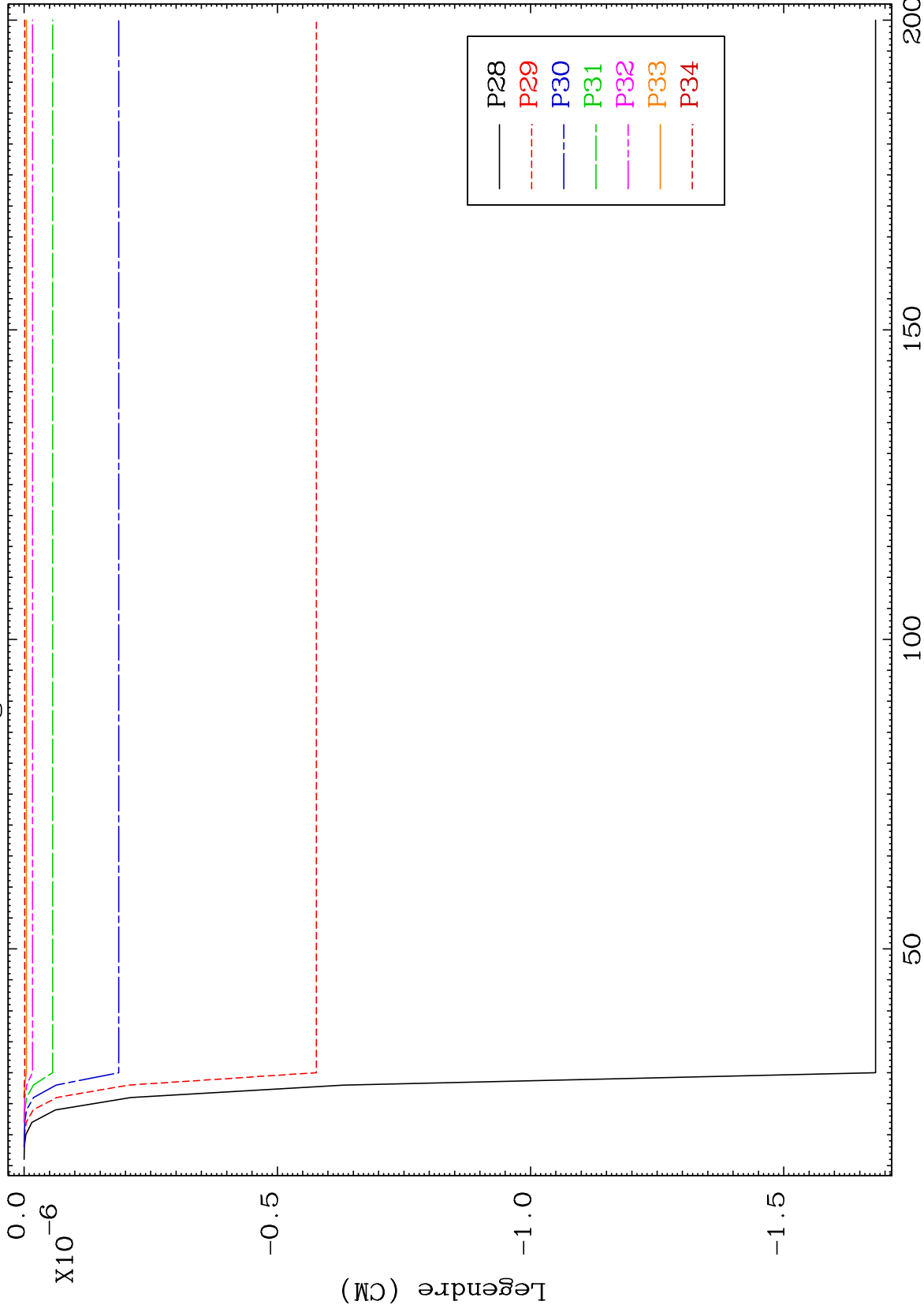
50-Sn-126



MAT 5067

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

50-Sn-126



96

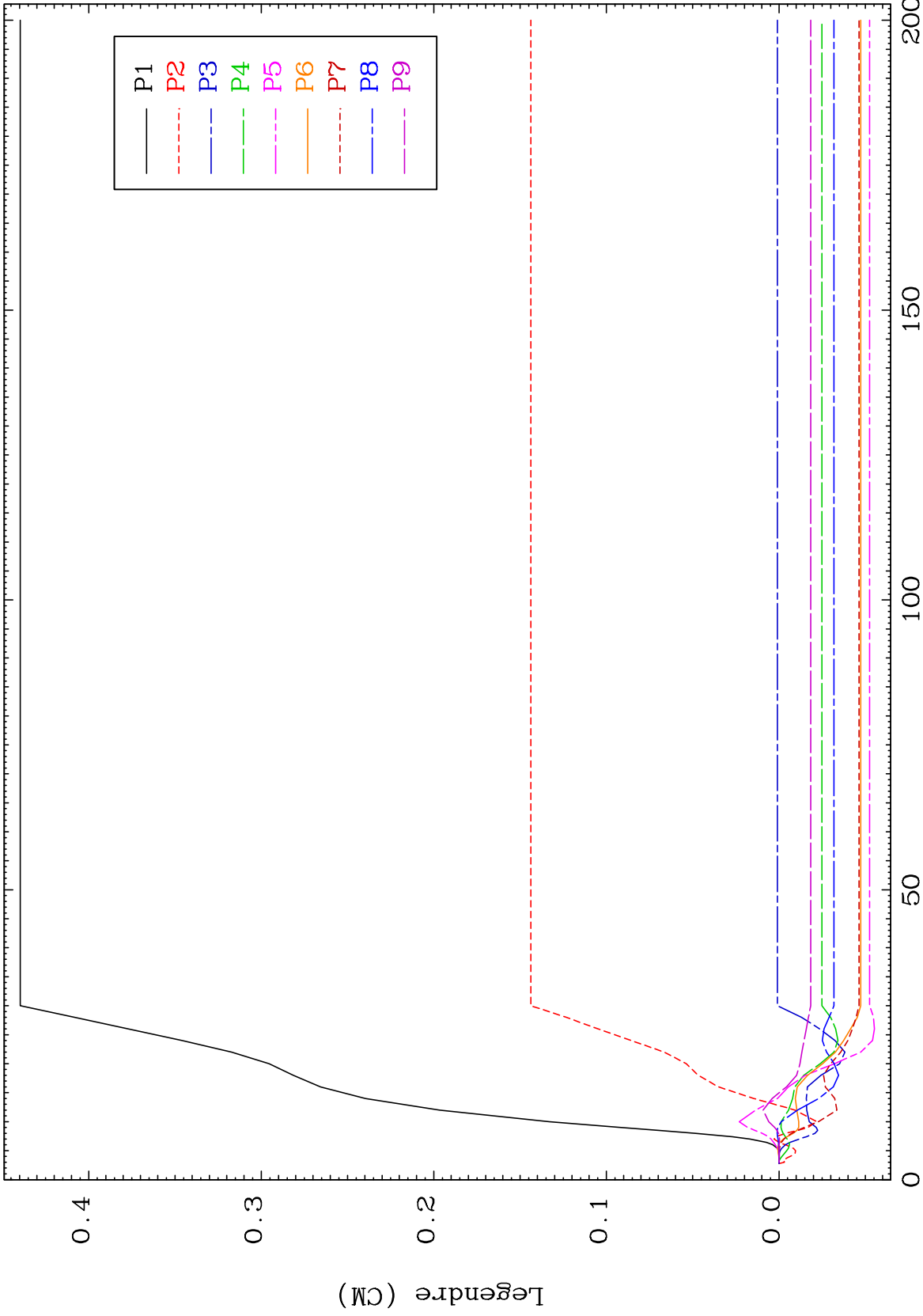
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



97

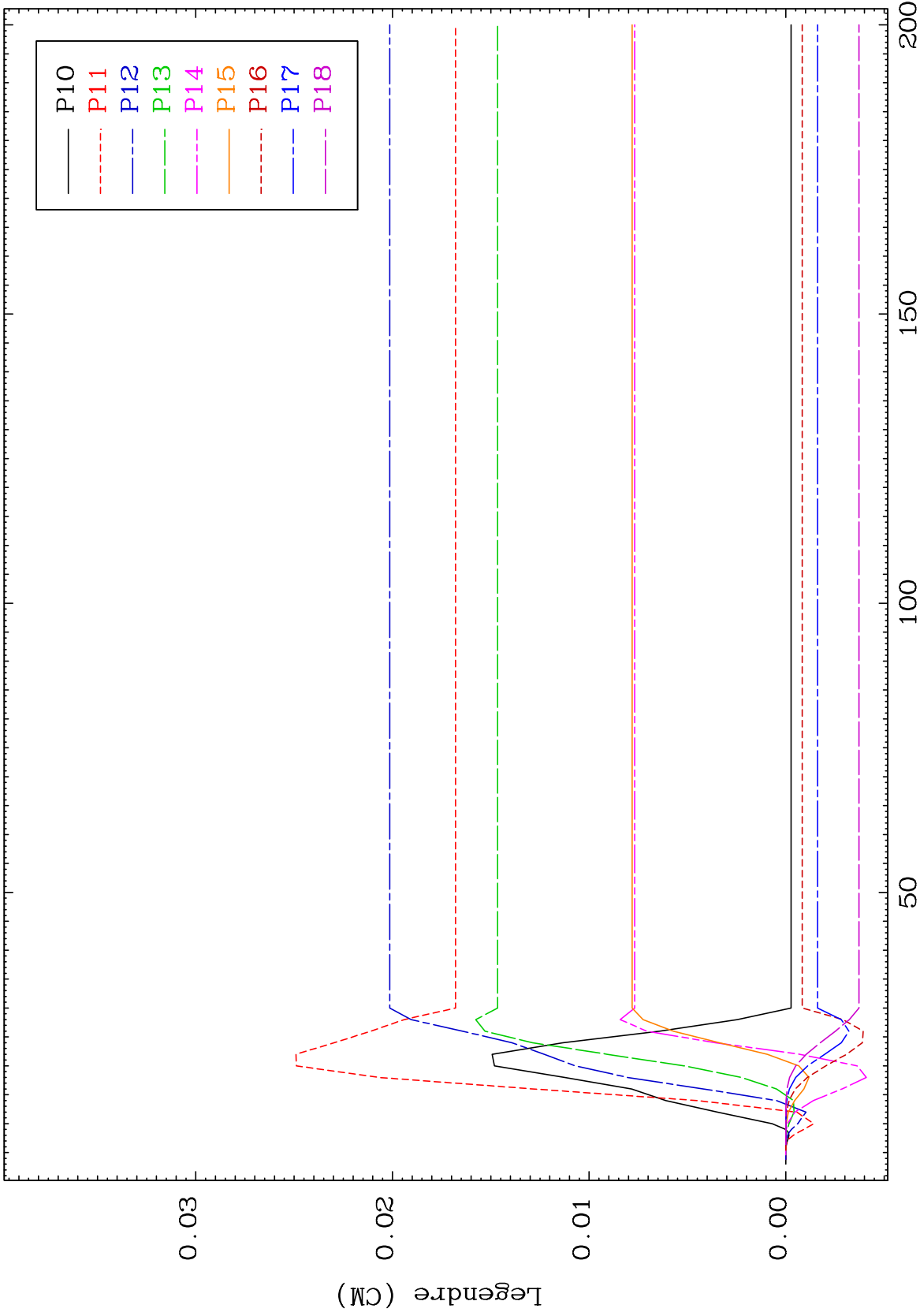
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



98

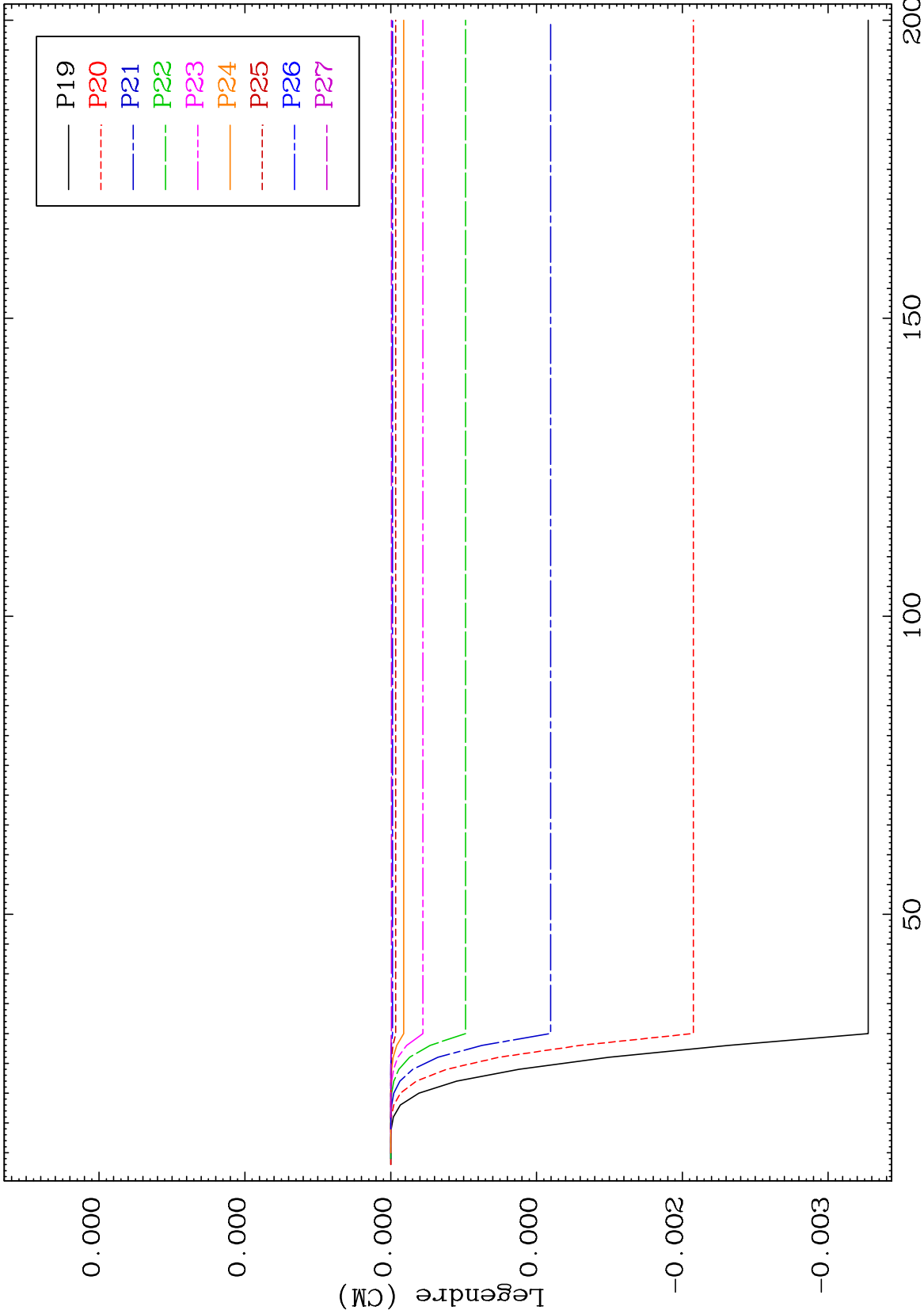
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



99

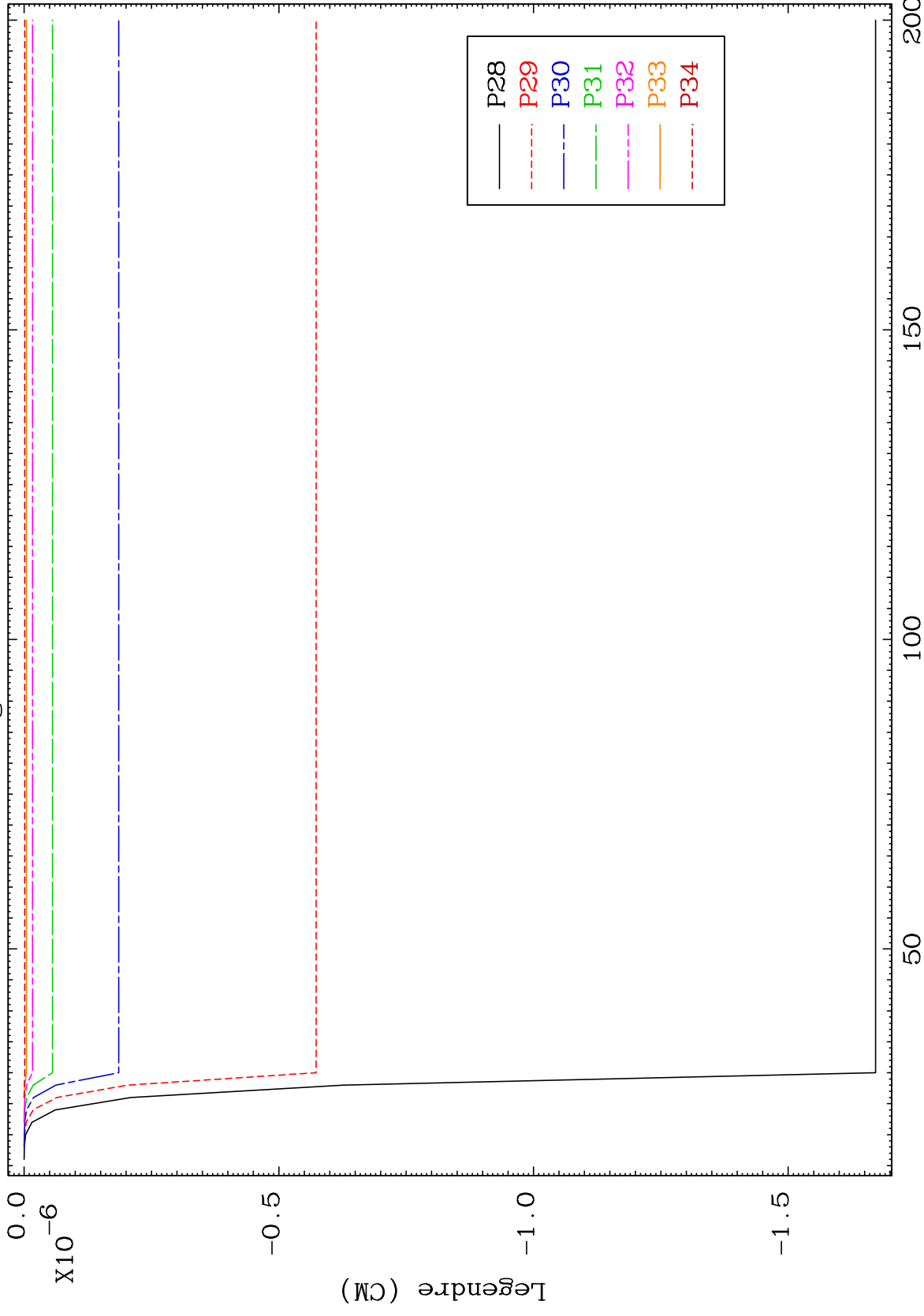
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126

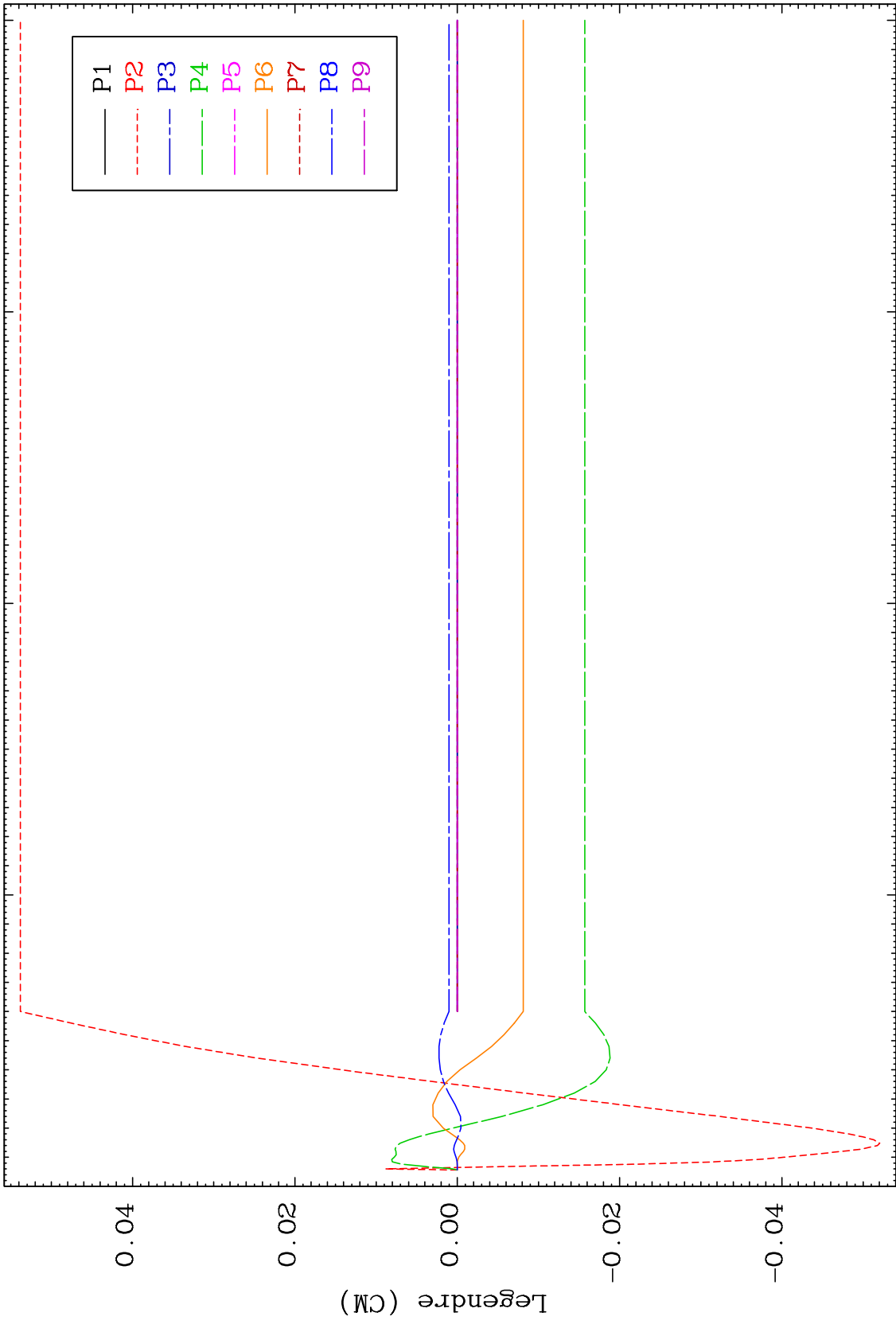


50-Sn-126

Incident Energy (MeV)

100

MAT 5067 MT= 73 (n,n') Level Legendre Coefficients 50-Sn-126

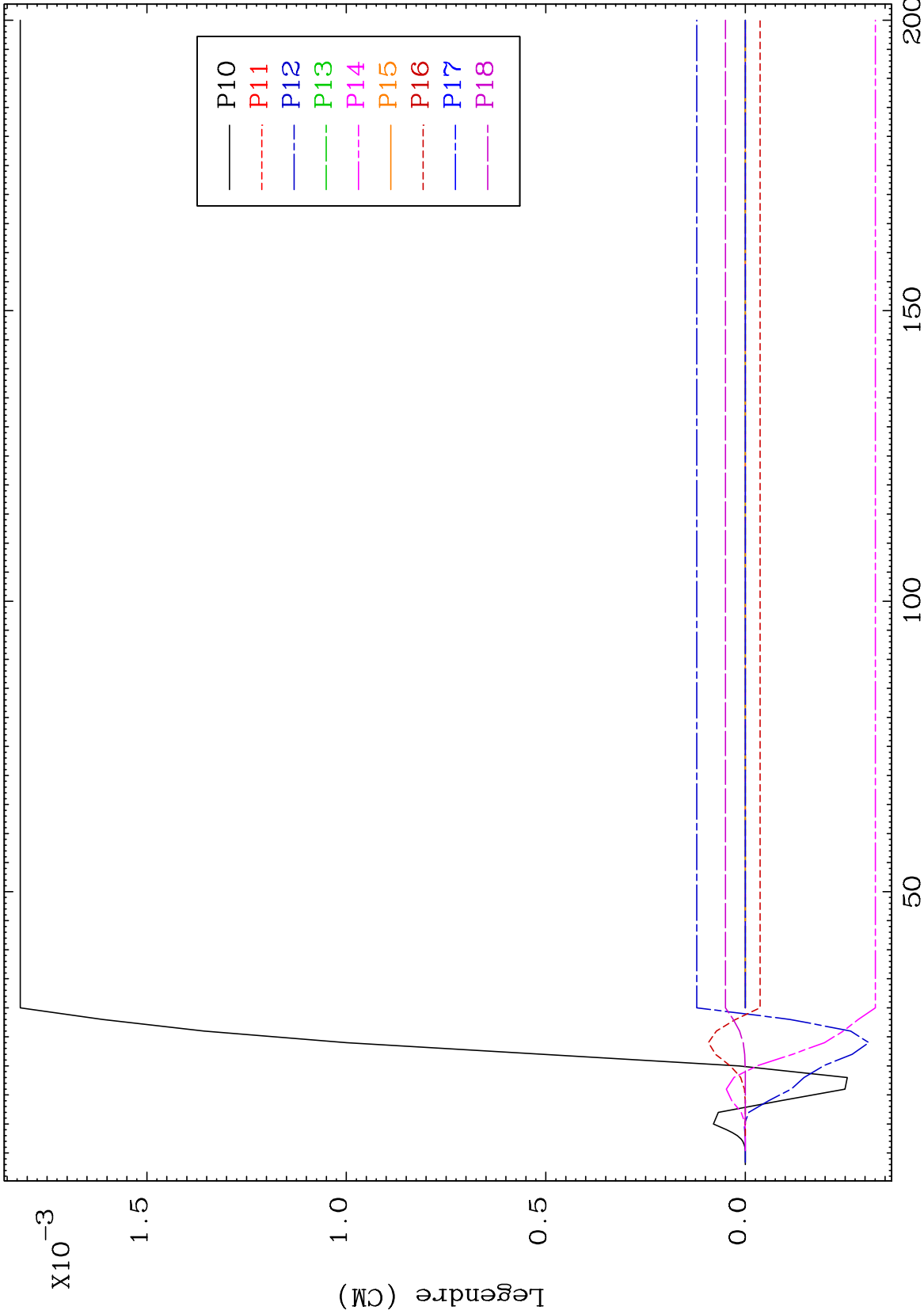


101 Incident Energy (MeV) 50-Sn-126

MAT 5067

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

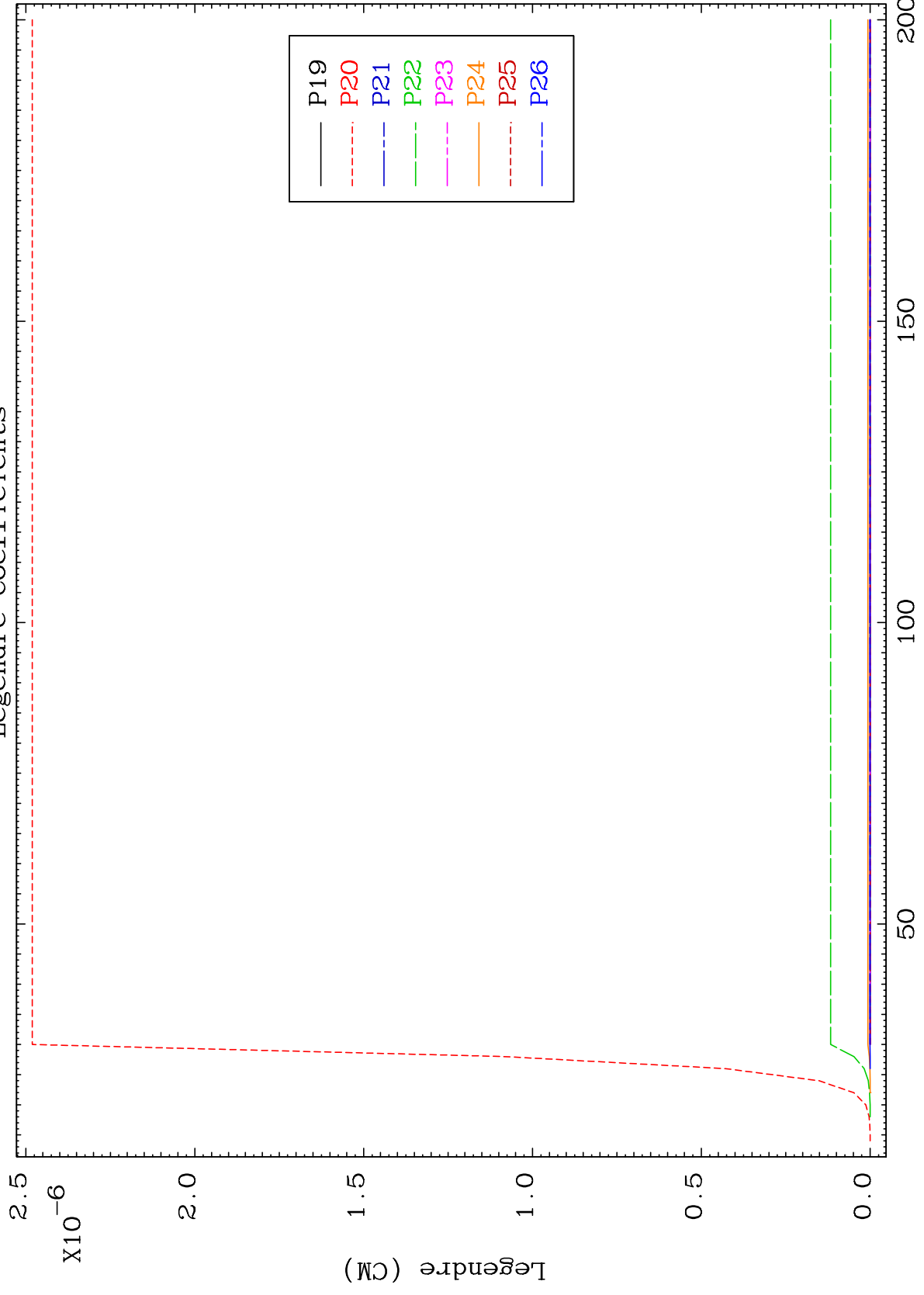
50-Sn-126



102

50-Sn-126

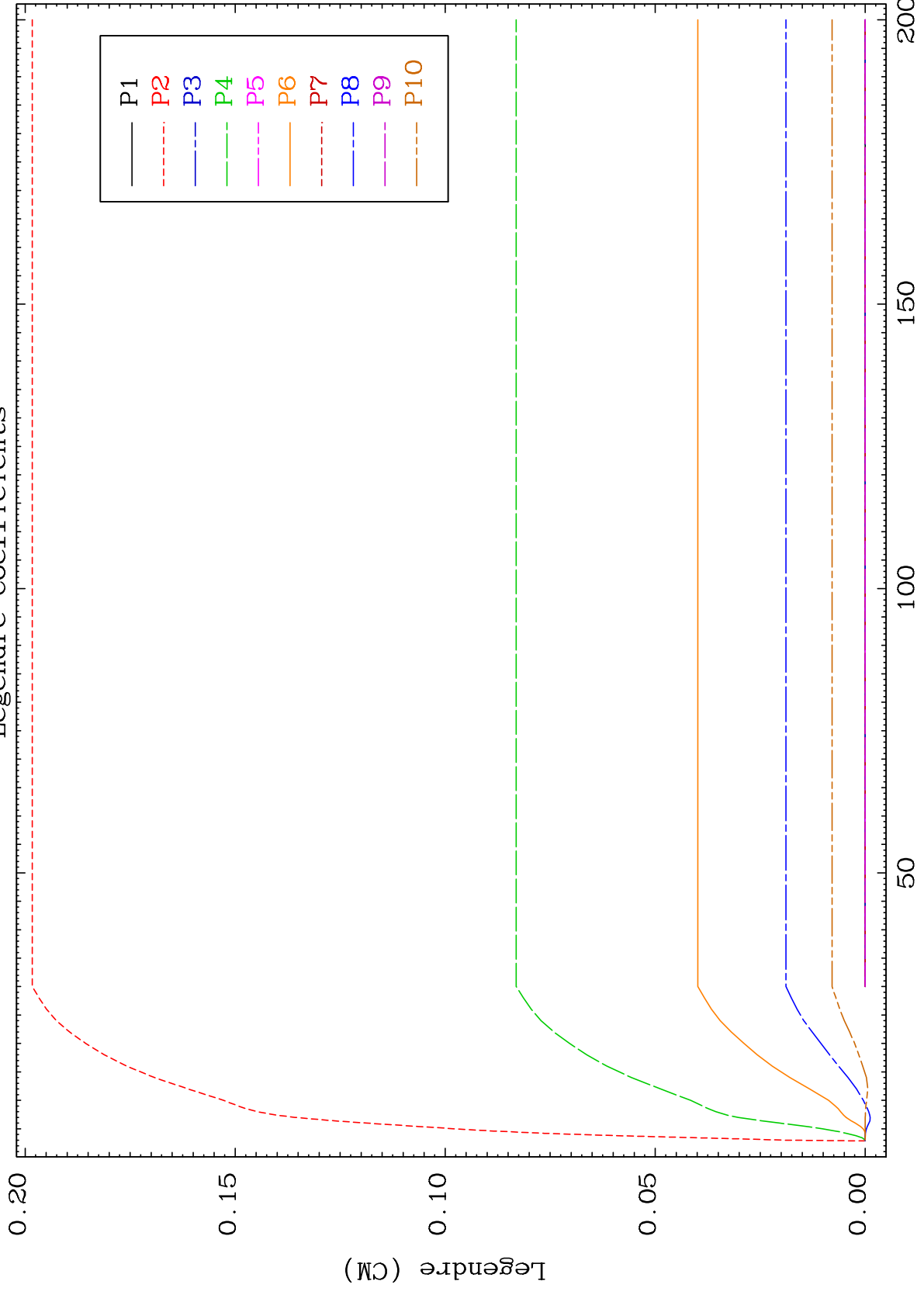
MAT 5067 MT= 73 (n,n') Level Legendre Coefficients 50-Sn-126



103 50 100 150 200 Incident Energy (MeV) 50-Sn-126



MAT 5067 MT= 74 (n,n') Level Legendre Coefficients 50-Sn-126

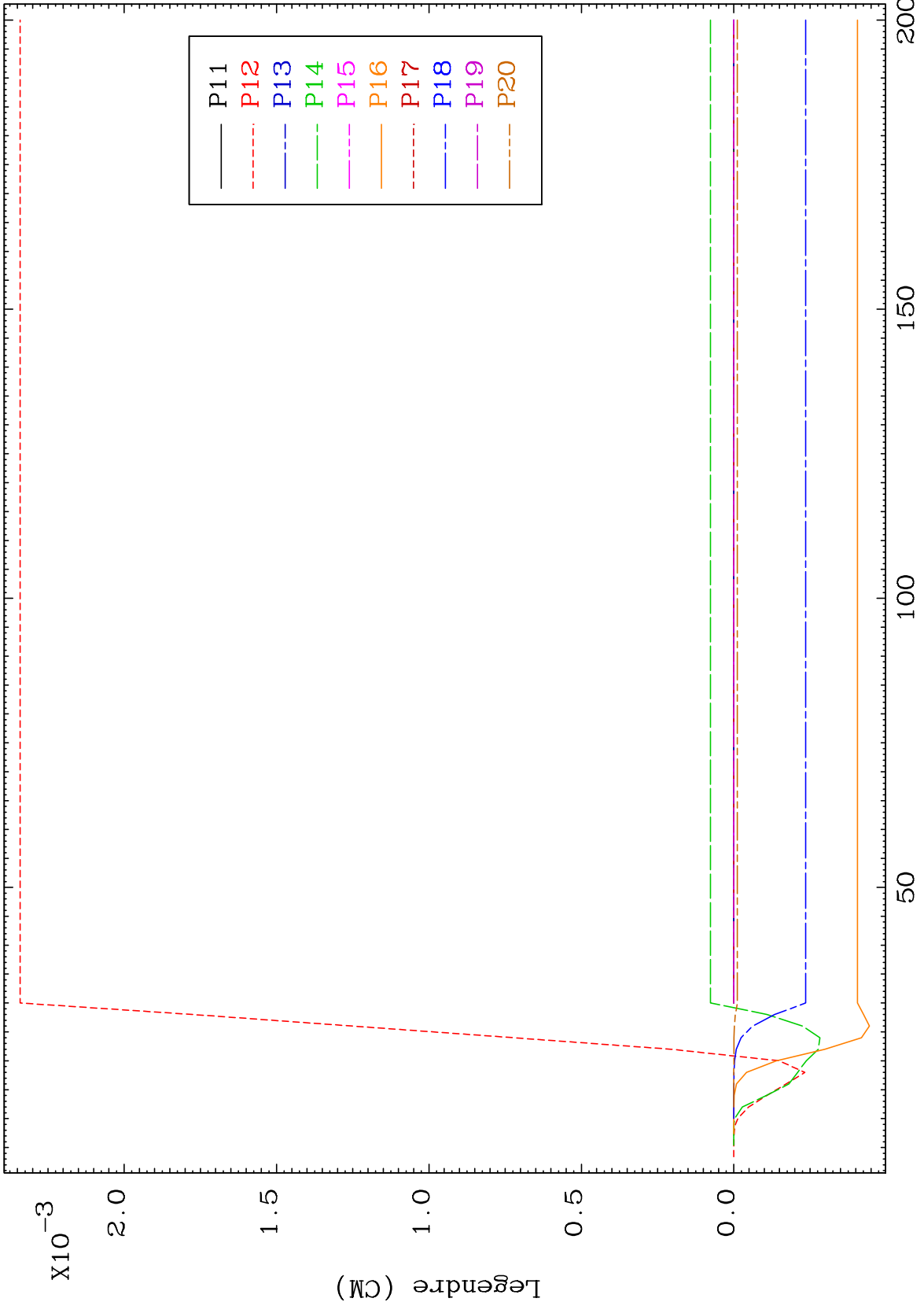


104 Incident Energy (MeV) 50-Sn-126

MAT 5067

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

50-Sn-126

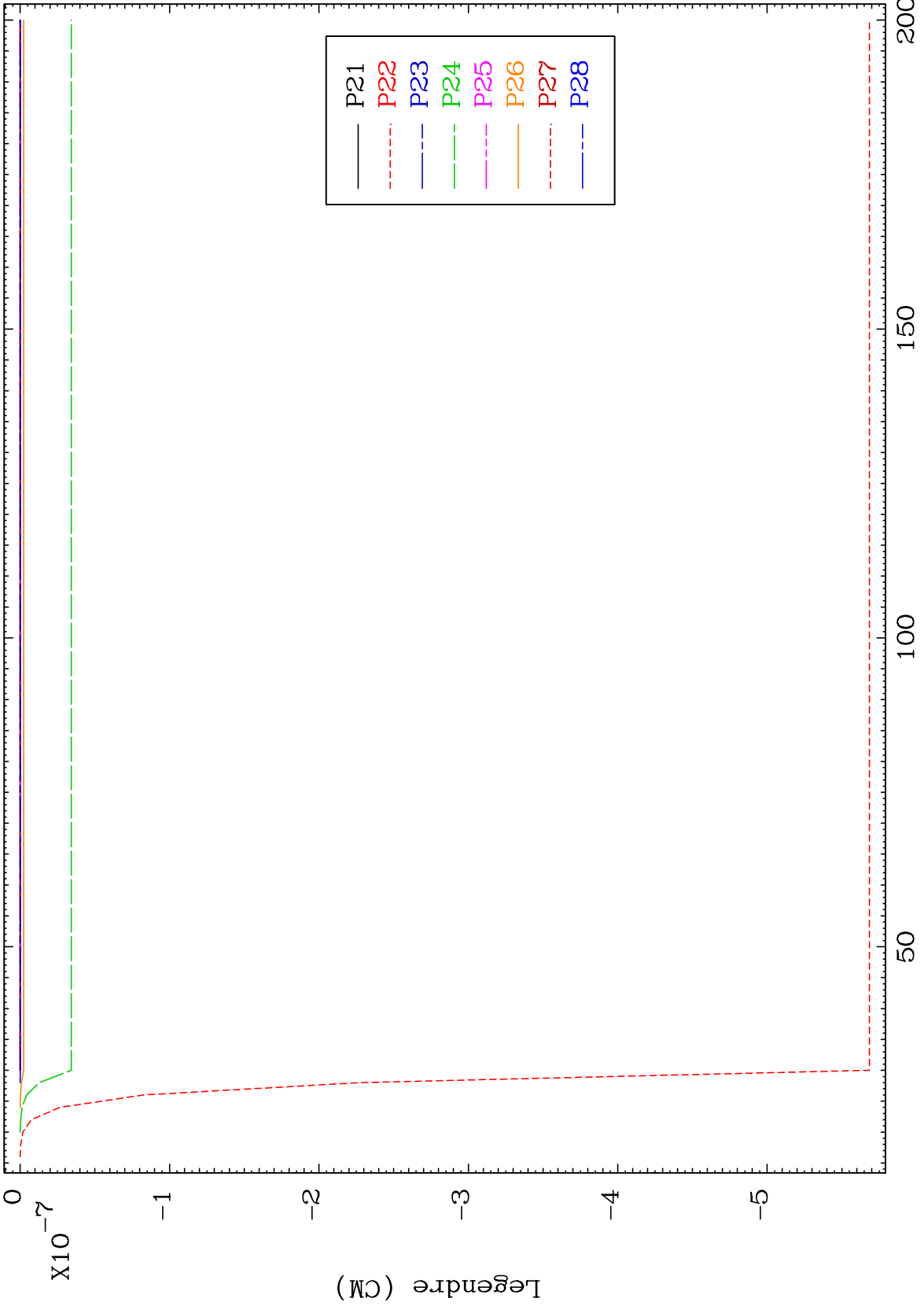


105

Incident Energy (MeV)

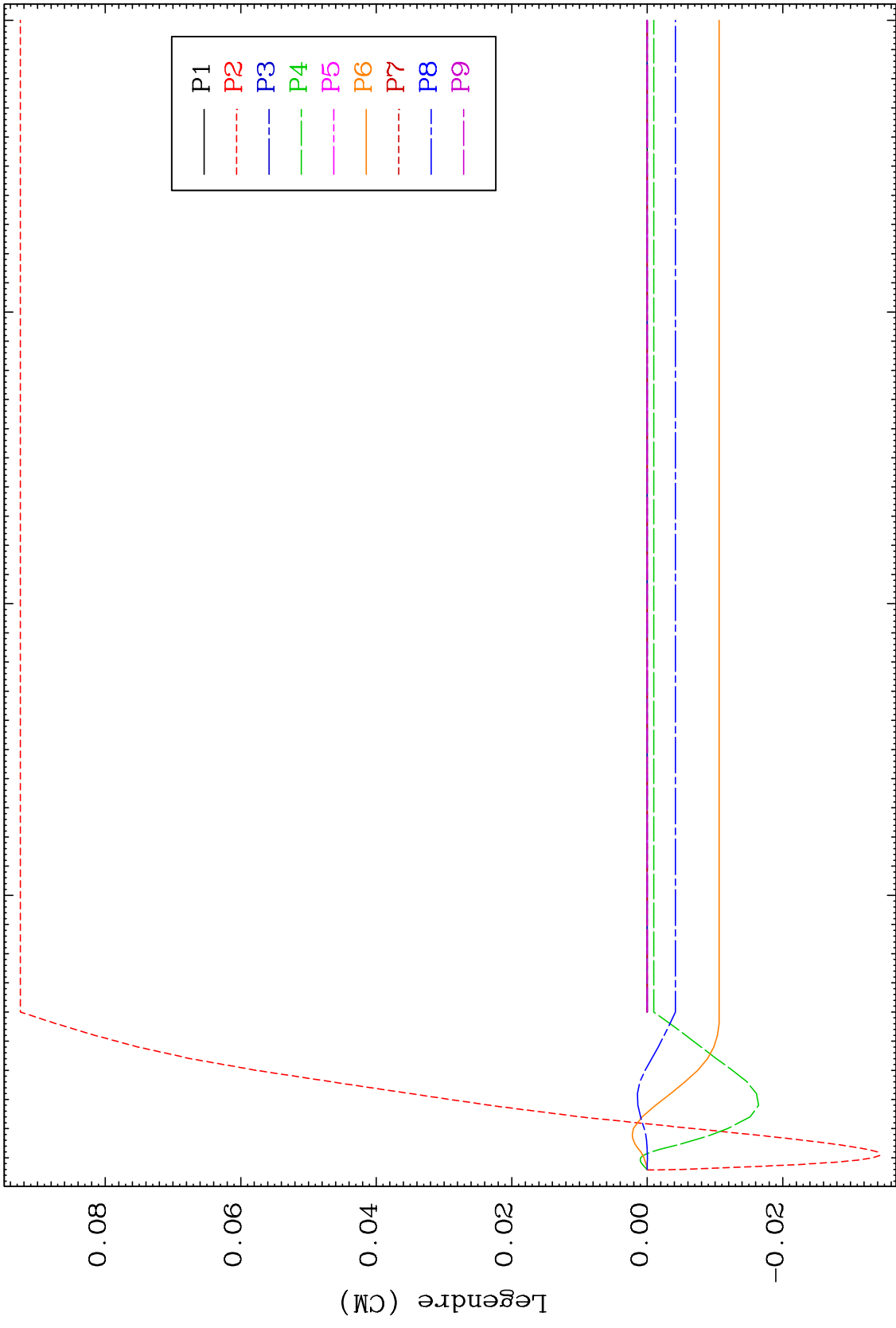
50-Sn-126

MAT 5067 MT= 74 (n,n') Level Legendre Coefficients 50-Sn-126



106 Incident Energy (MeV) 50-Sn-126

MAT 5067 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-126

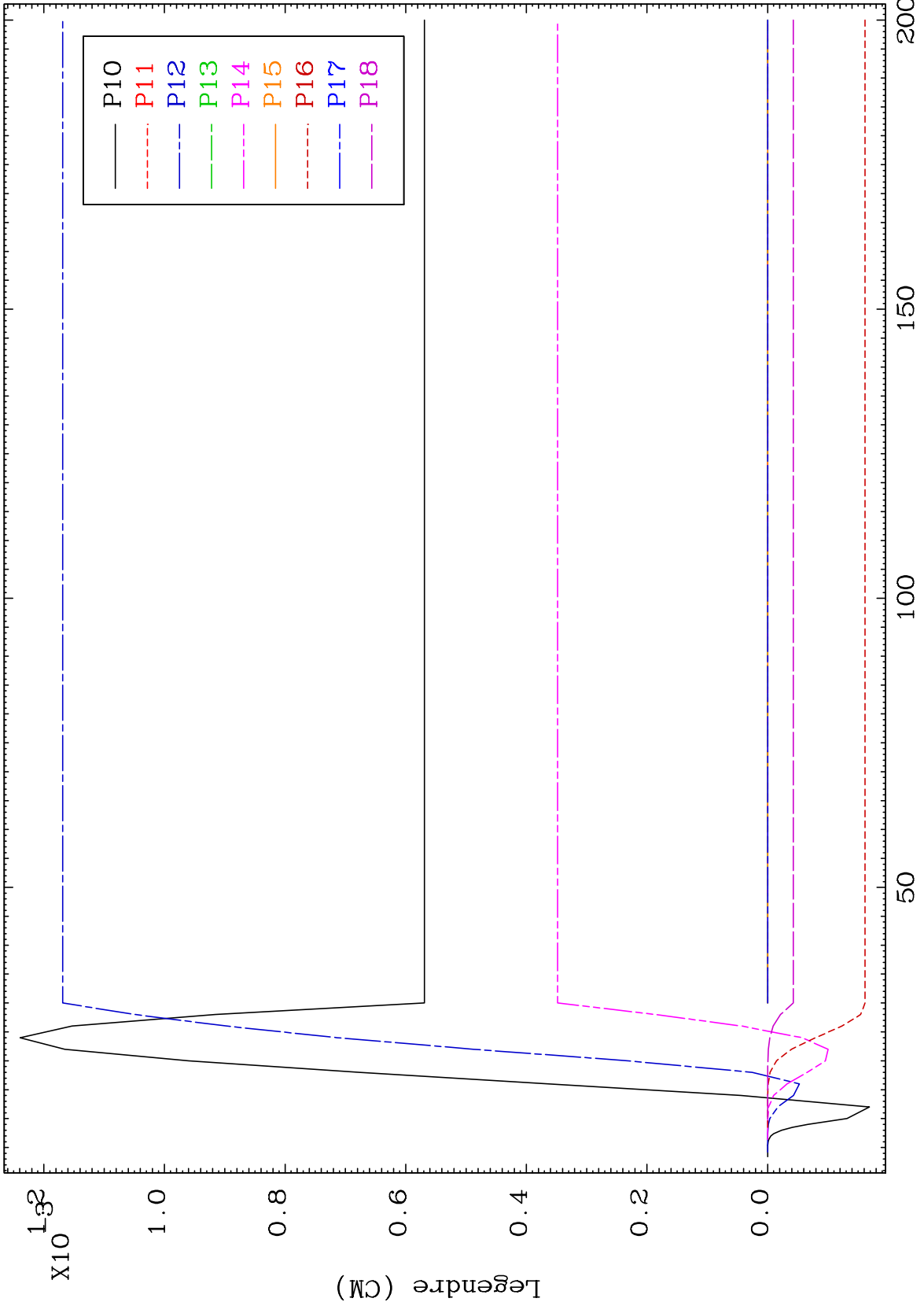


107 Incident Energy (MeV) 50-Sn-126

MAT 5067

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

50-Sn-126



108

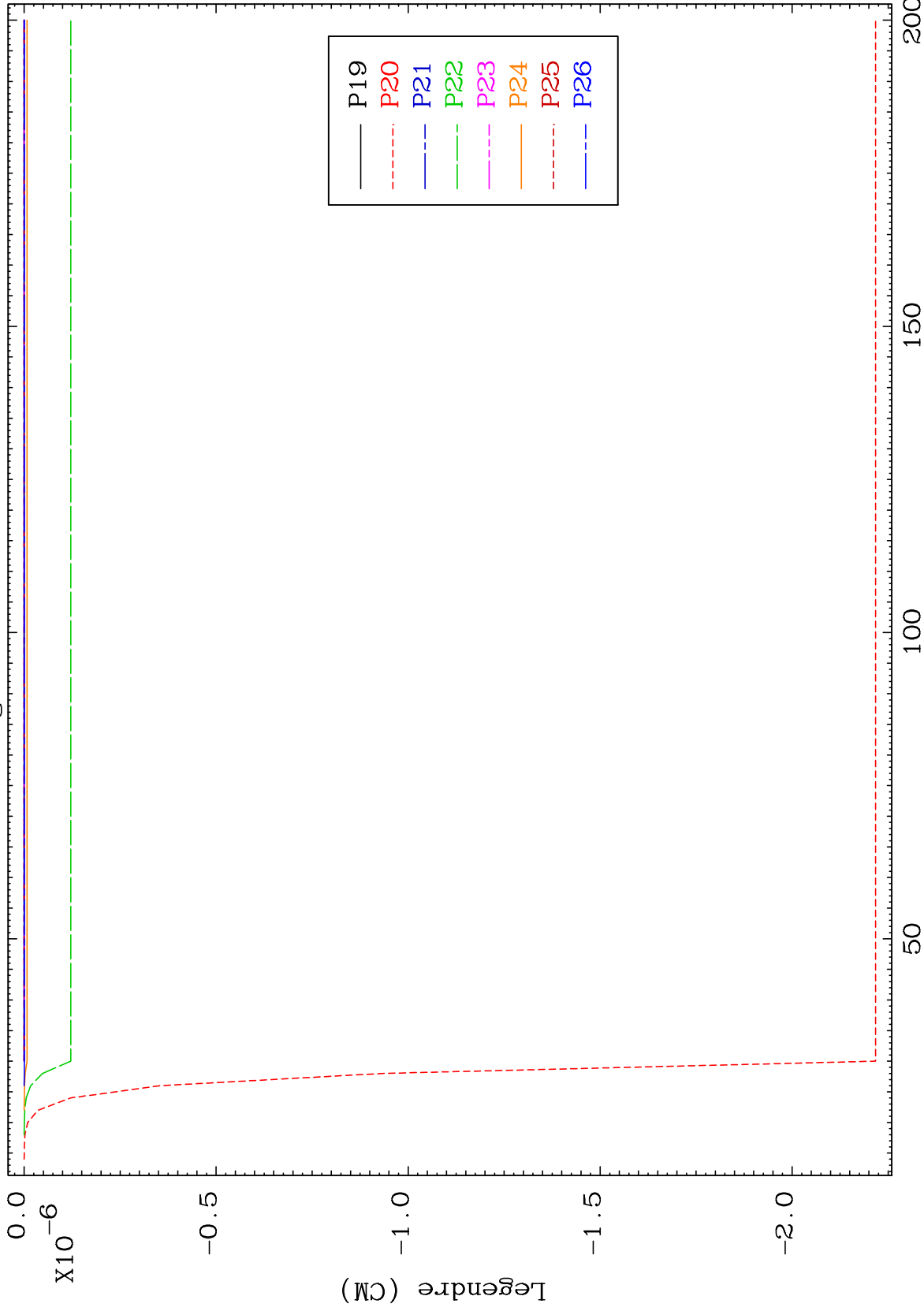
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



109

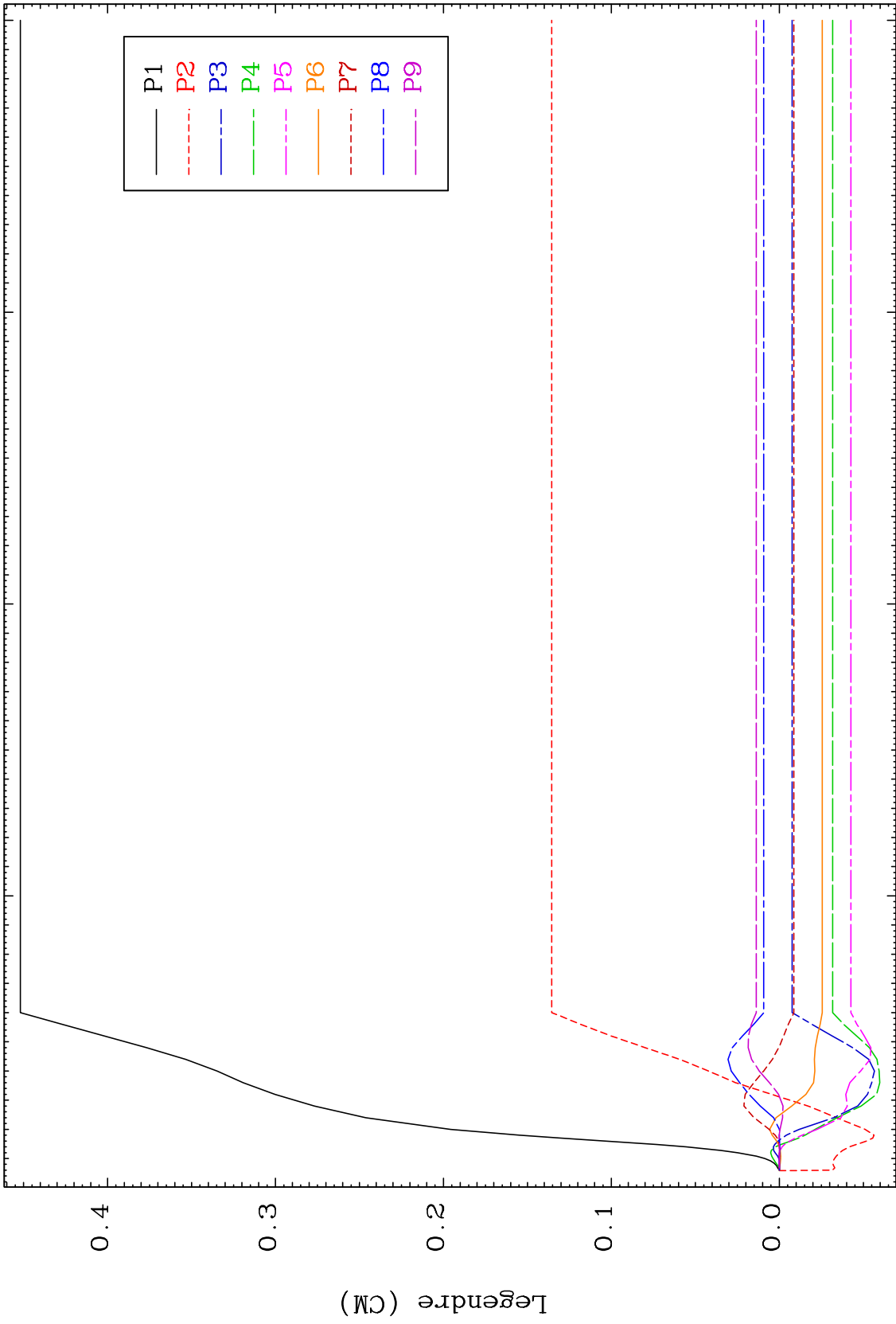
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



110

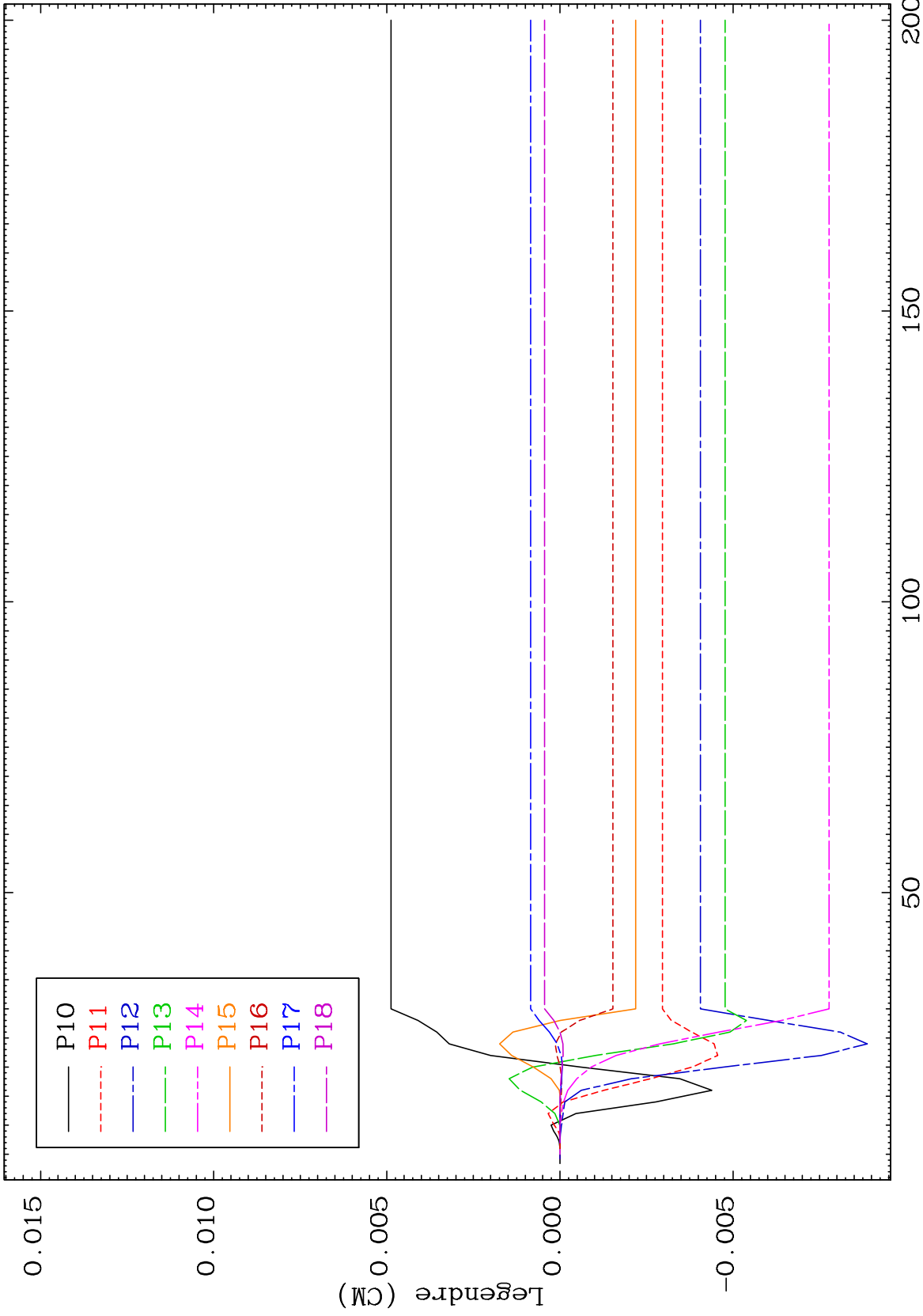
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



111

Incident Energy (MeV)

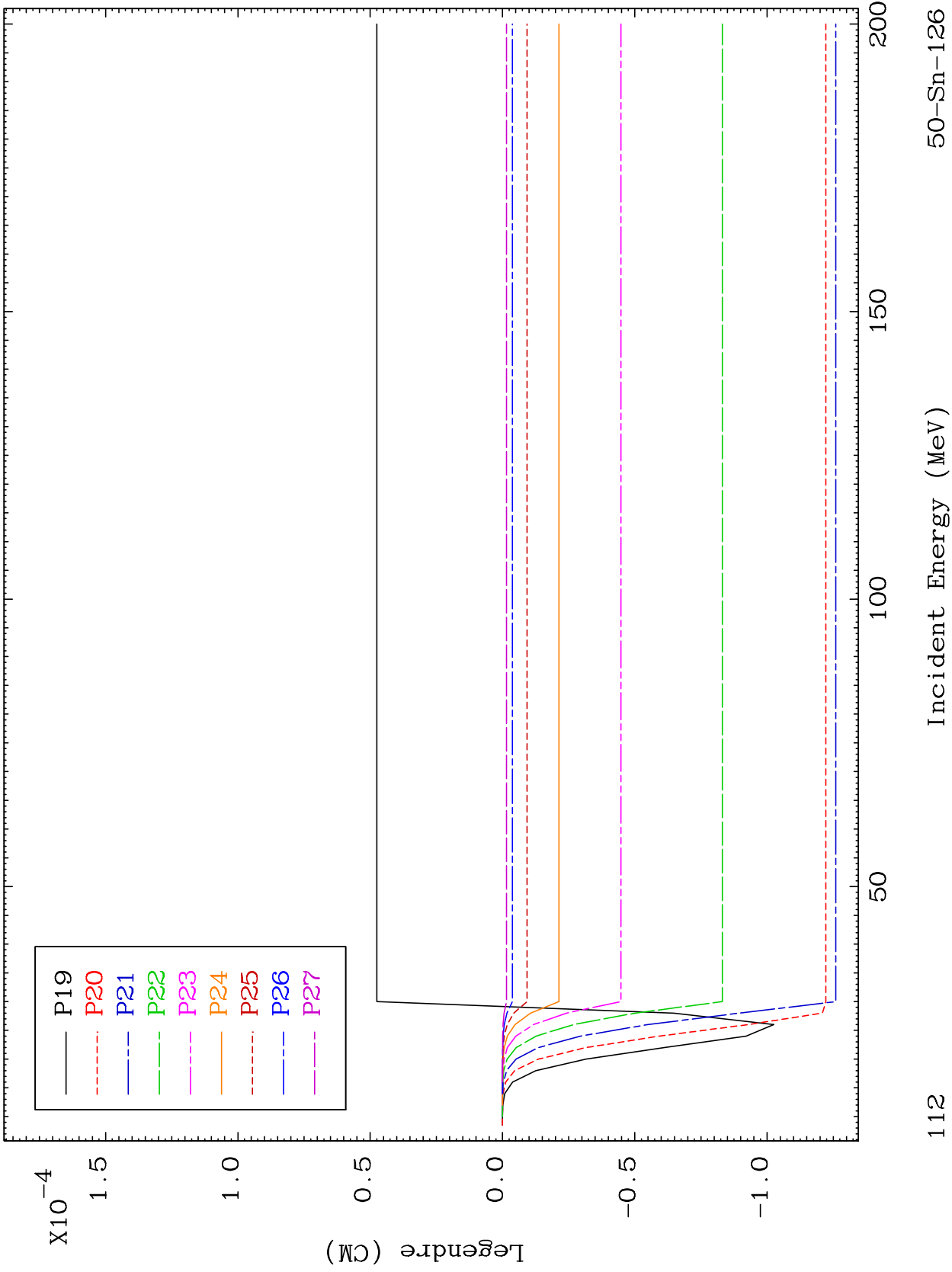
50-Sn-126



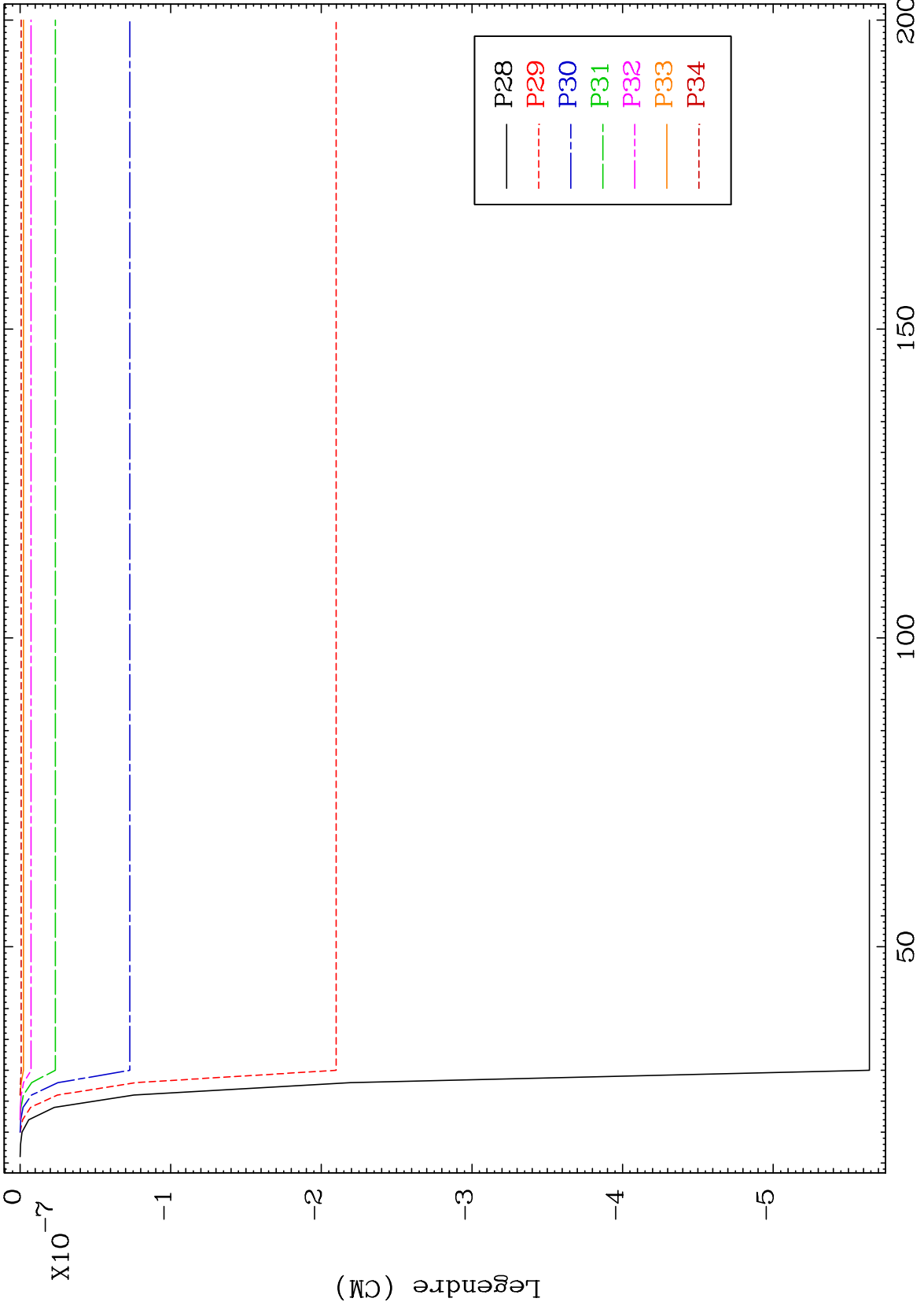
MAT 5067

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

50-Sn-126



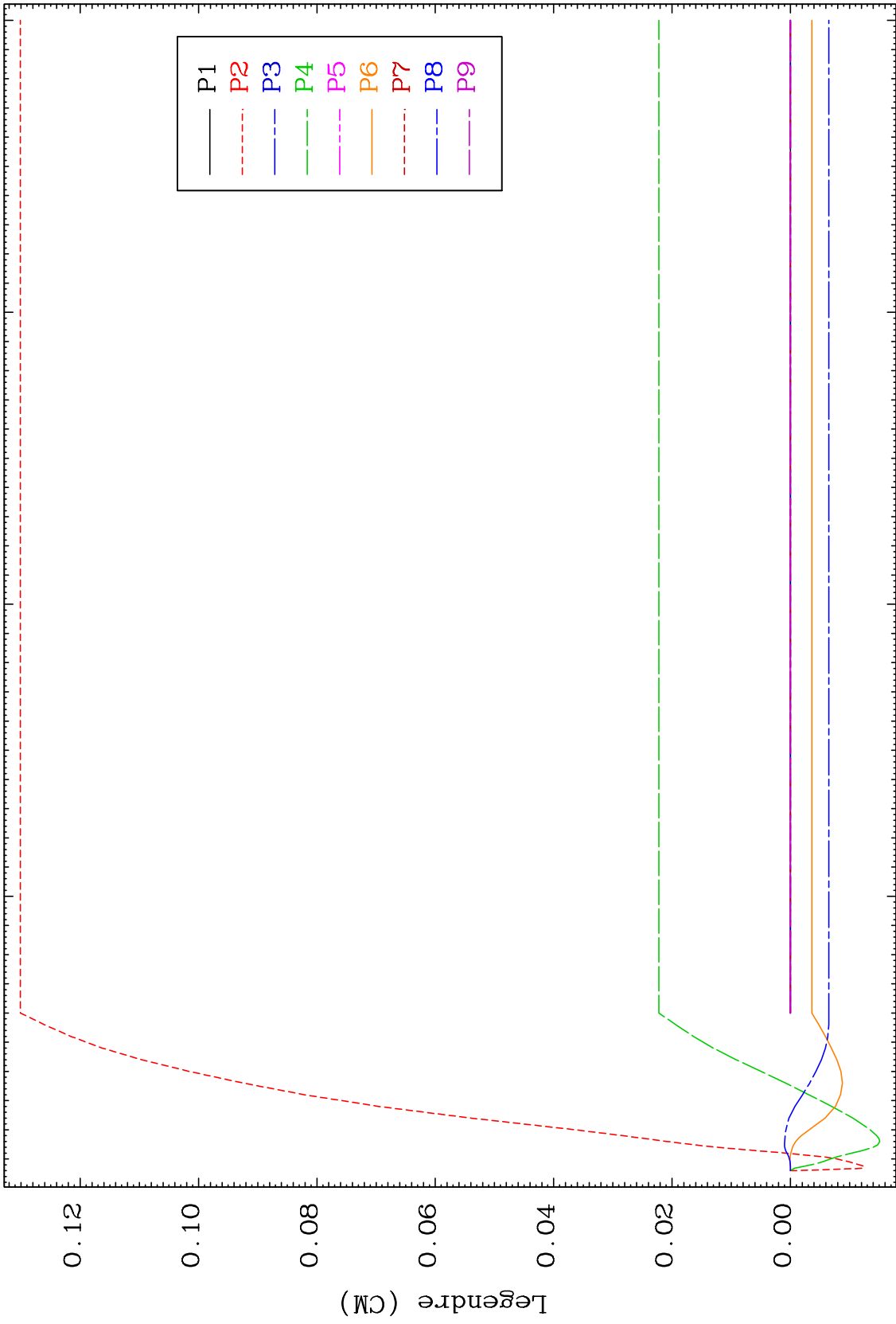
MAT 5067 MT= 76 (n,n') Level Legendre Coefficients 50-Sn-126



MAT 5067

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

50-Sn-126



114

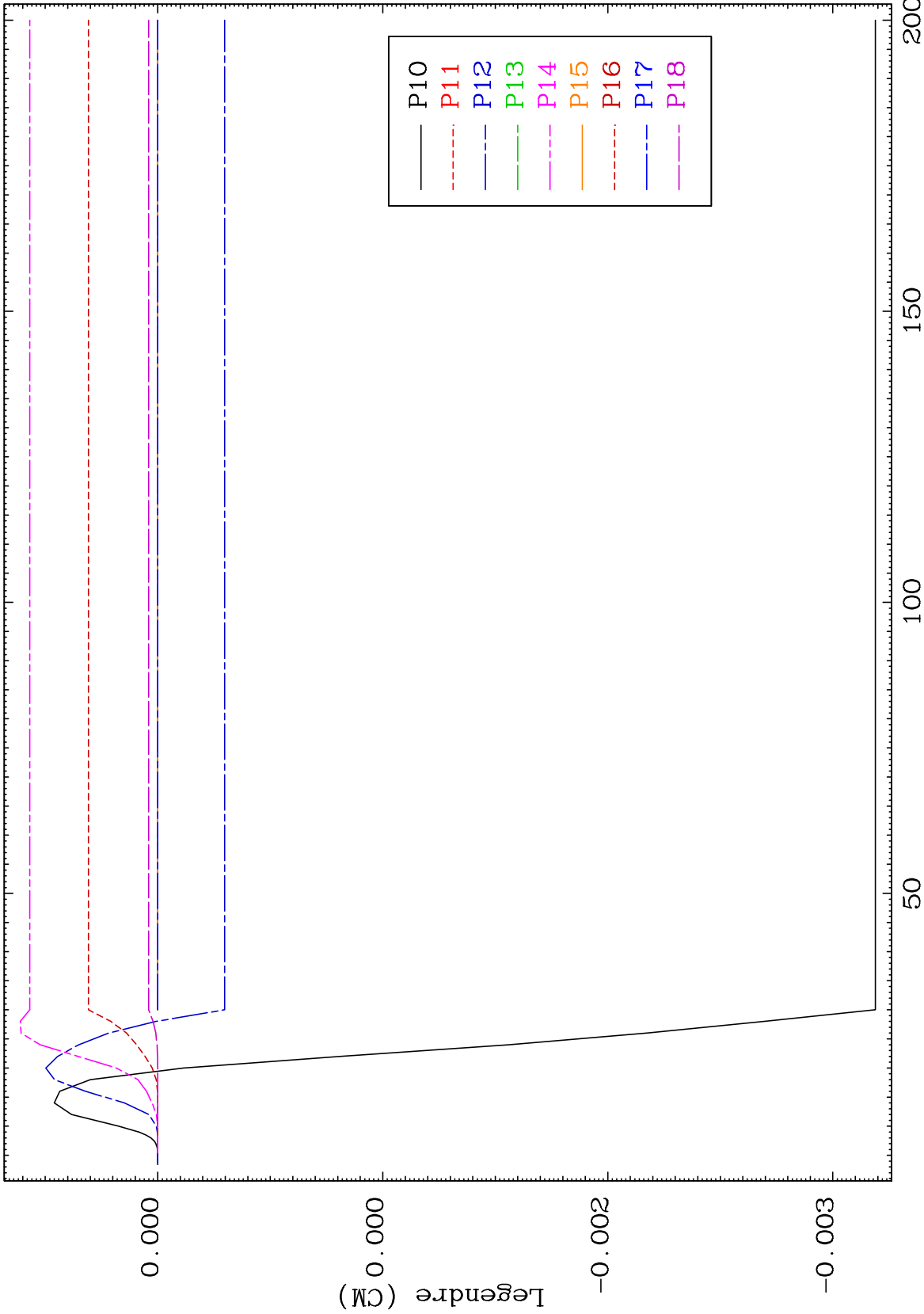
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126

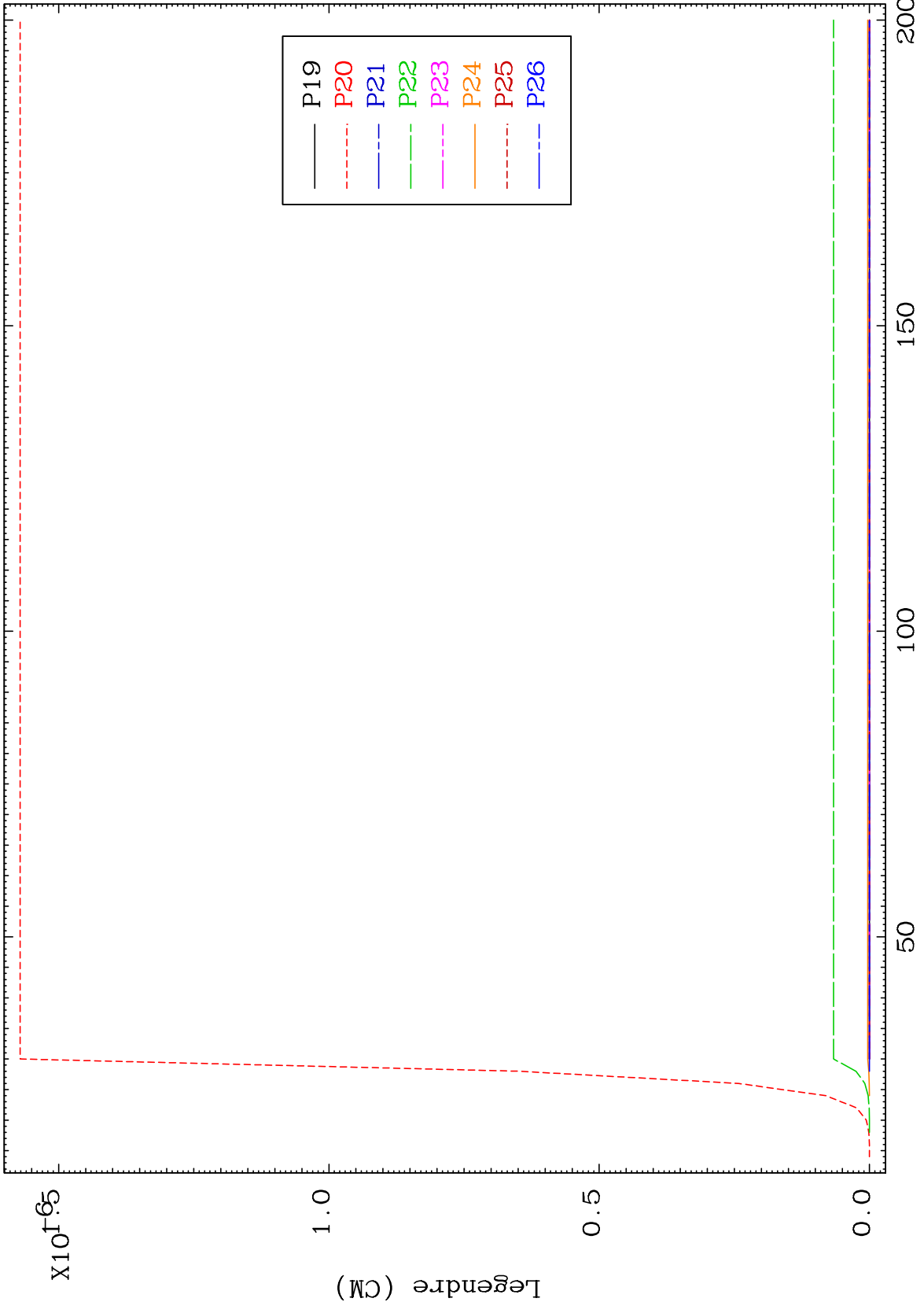


115

Incident Energy (MeV)

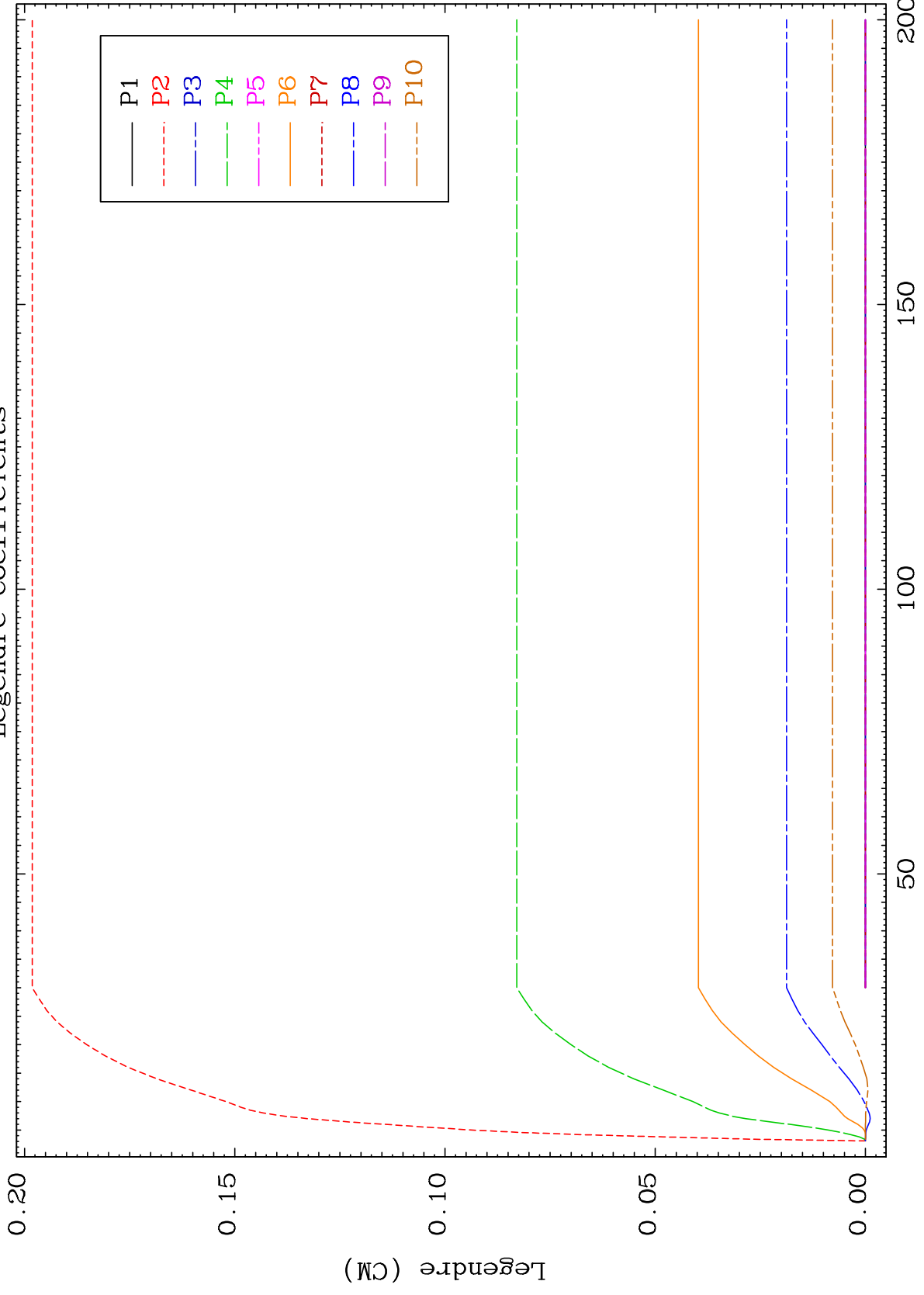
50-Sn-126

MAT 5067 MT= 77 (n,n') Level Legendre Coefficients 50-Sn-126



116 Incident Energy (MeV) 50-Sn-126

MAT 5067 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-126

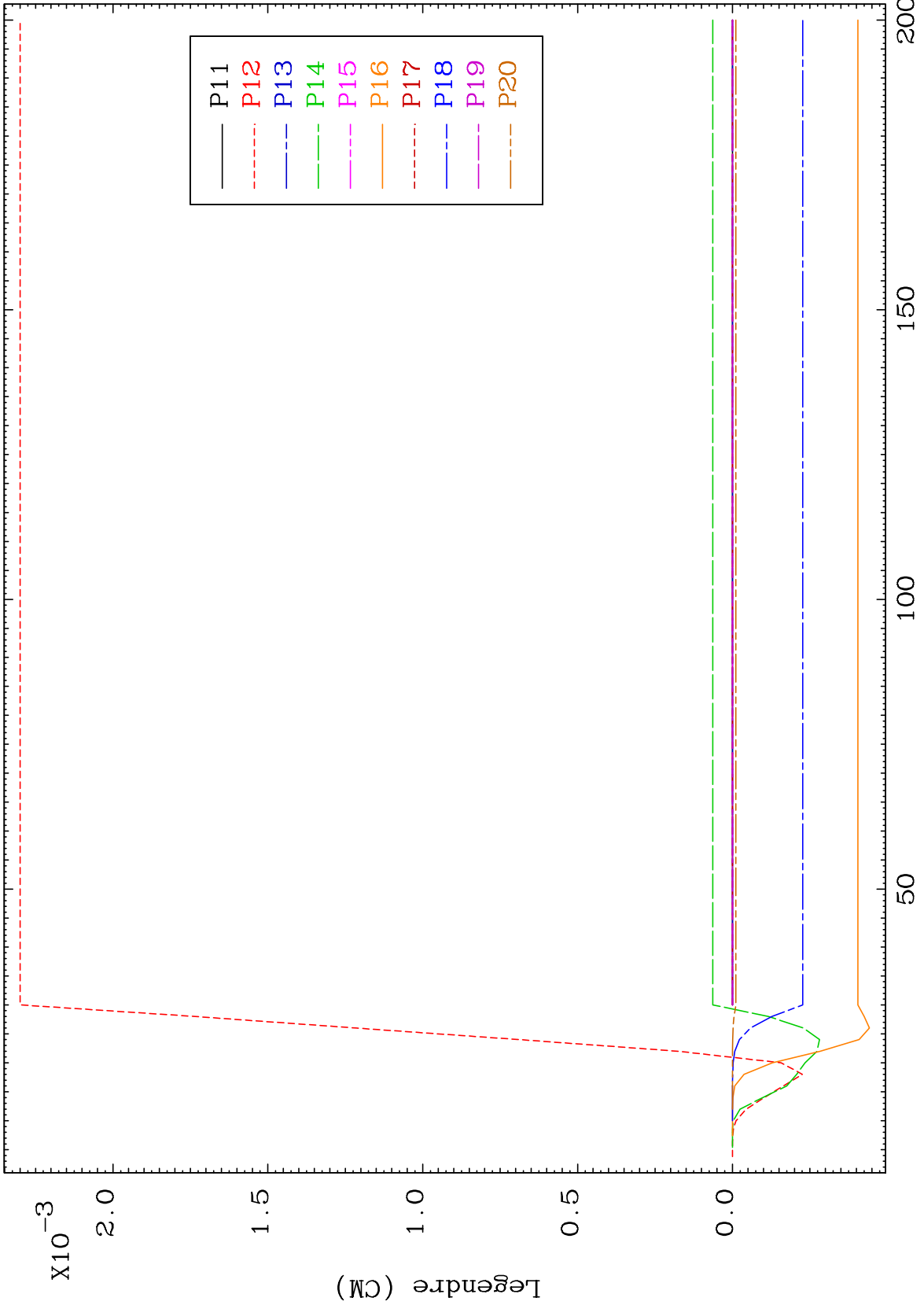


117 50-Sn-126

MAT 5067

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

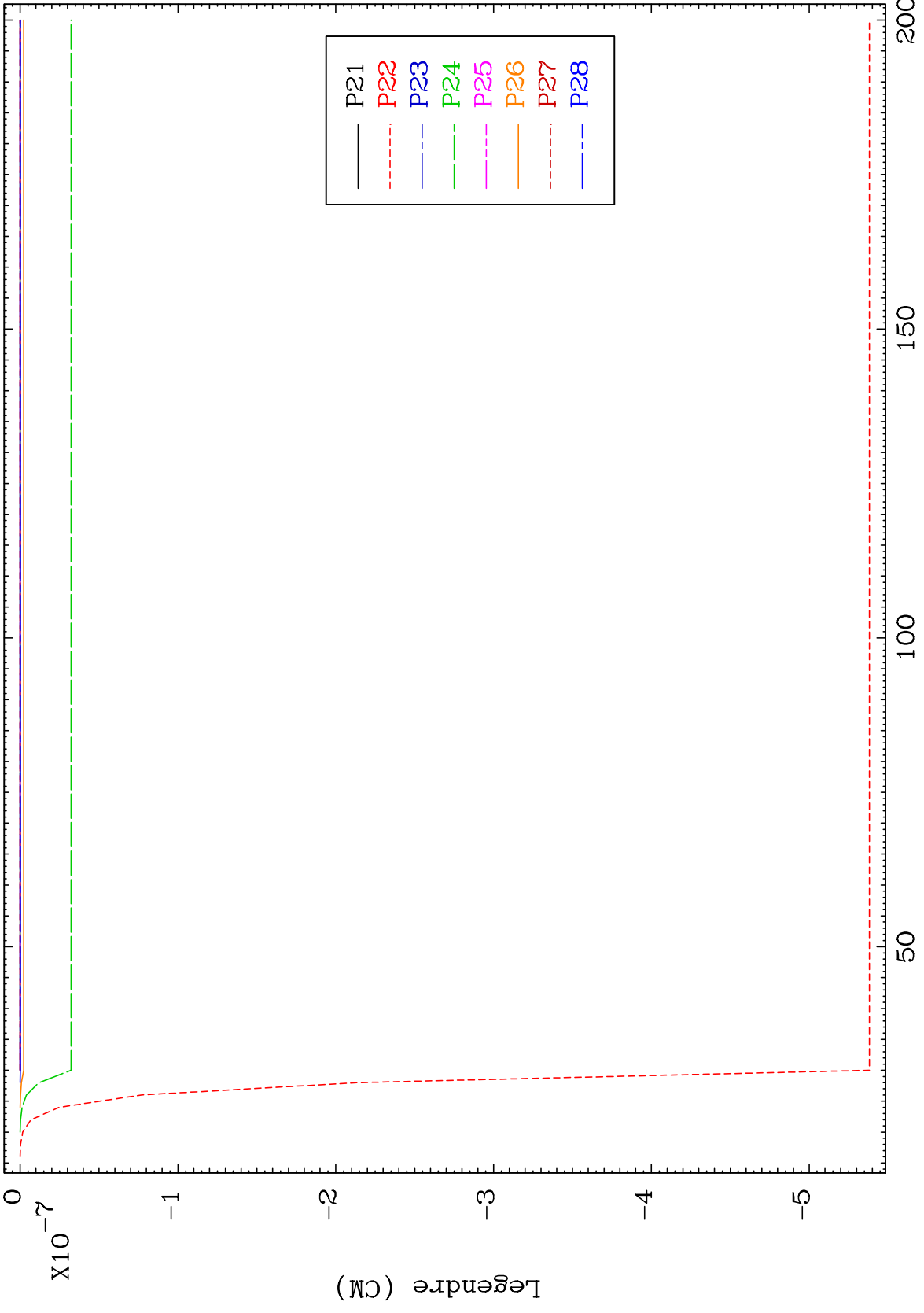
50-Sn-126



118

50-Sn-126

MAT 5067 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-126

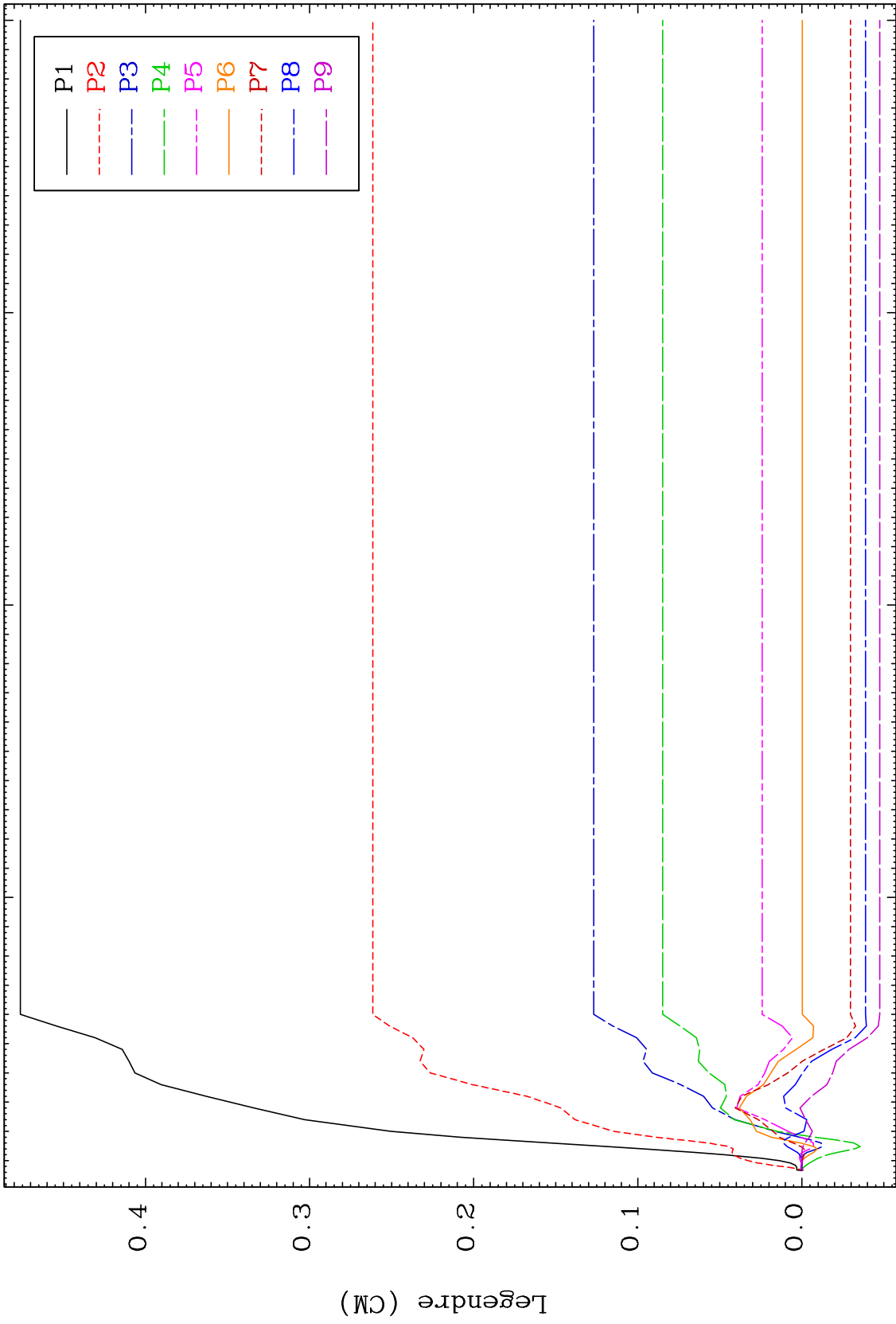




MAT 5067

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

50-Sn-126



120

50

150

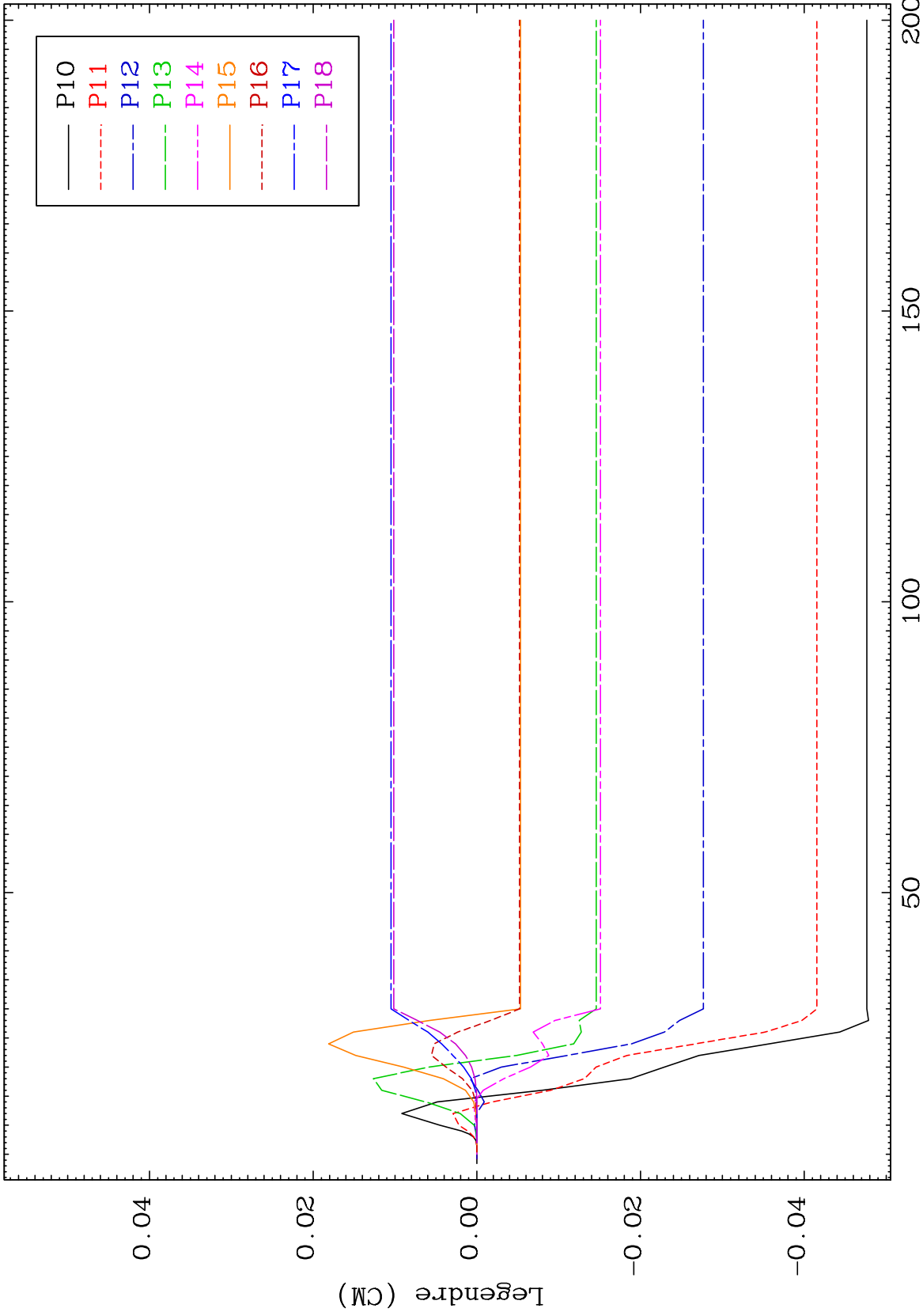
200

50-Sn-126

MAT 5067

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

50-Sn-126



121

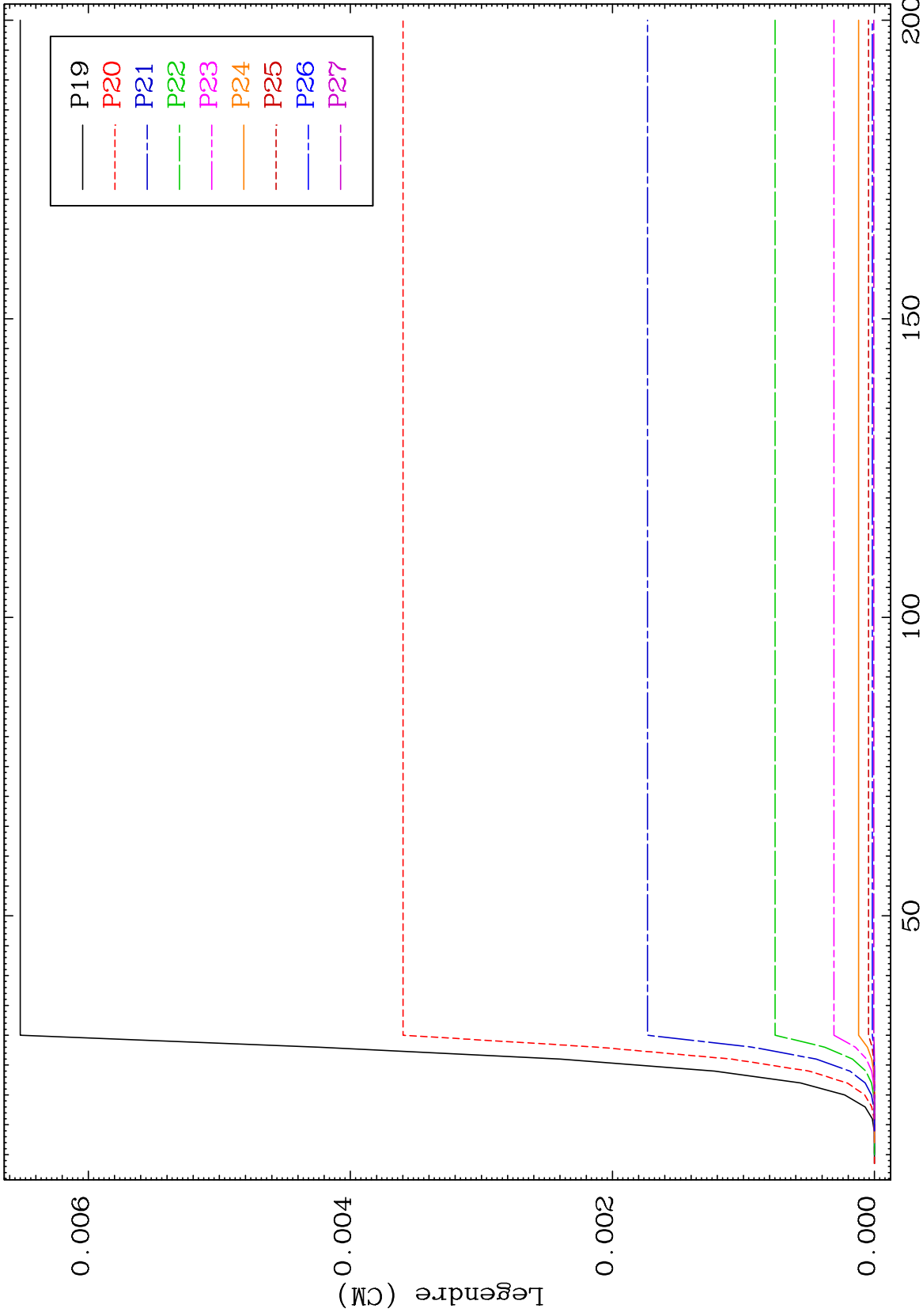
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



122

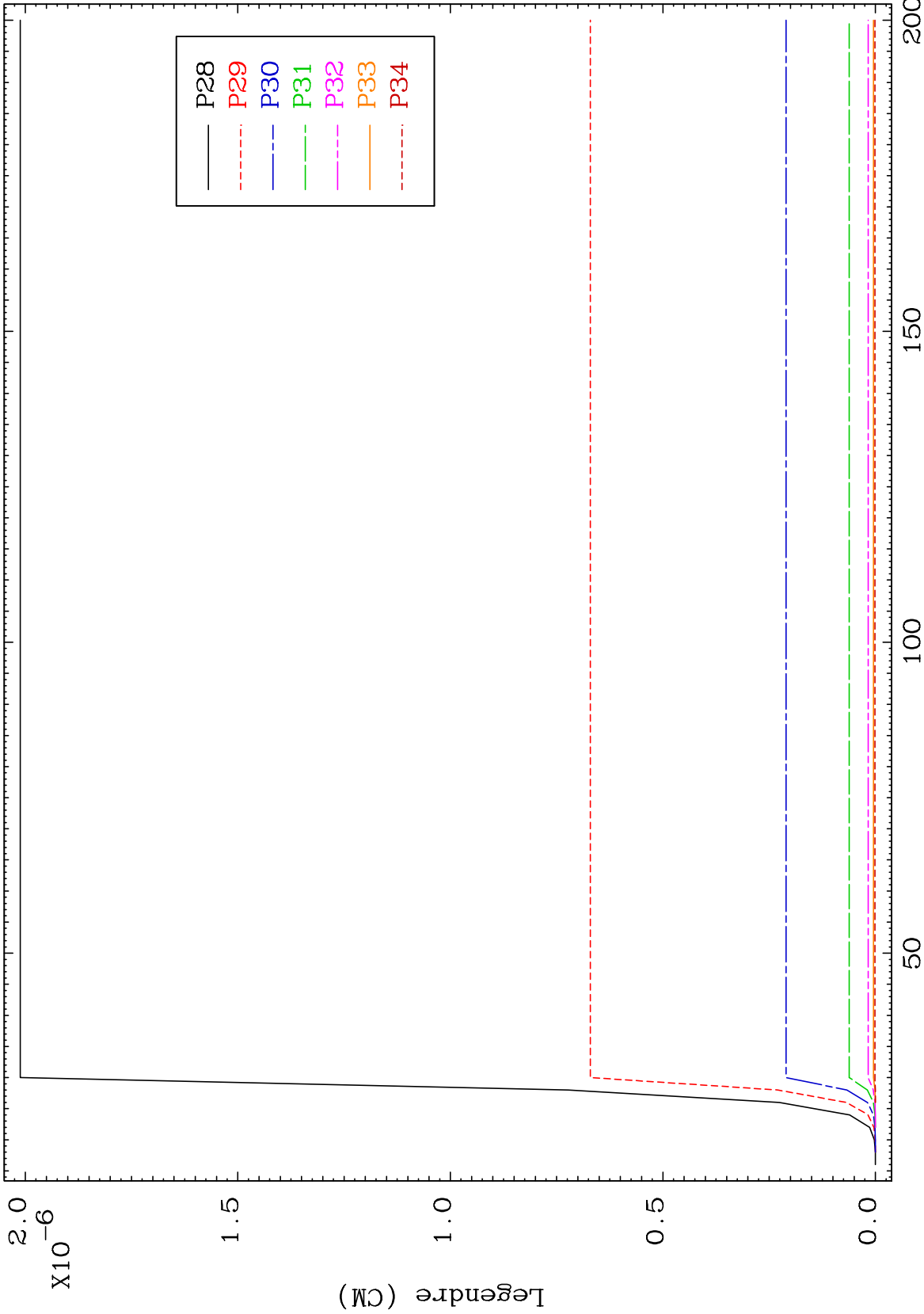
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



123

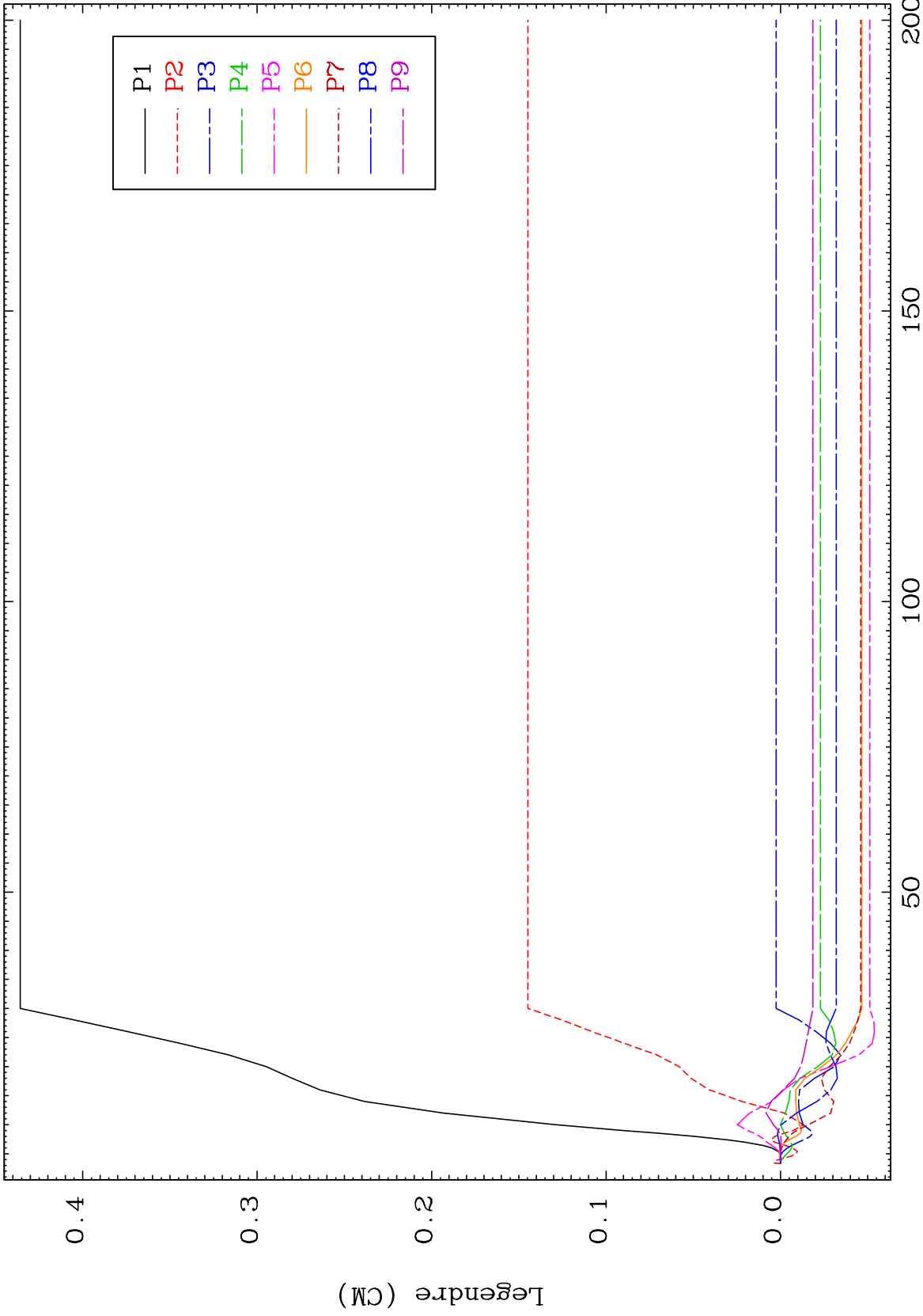
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126

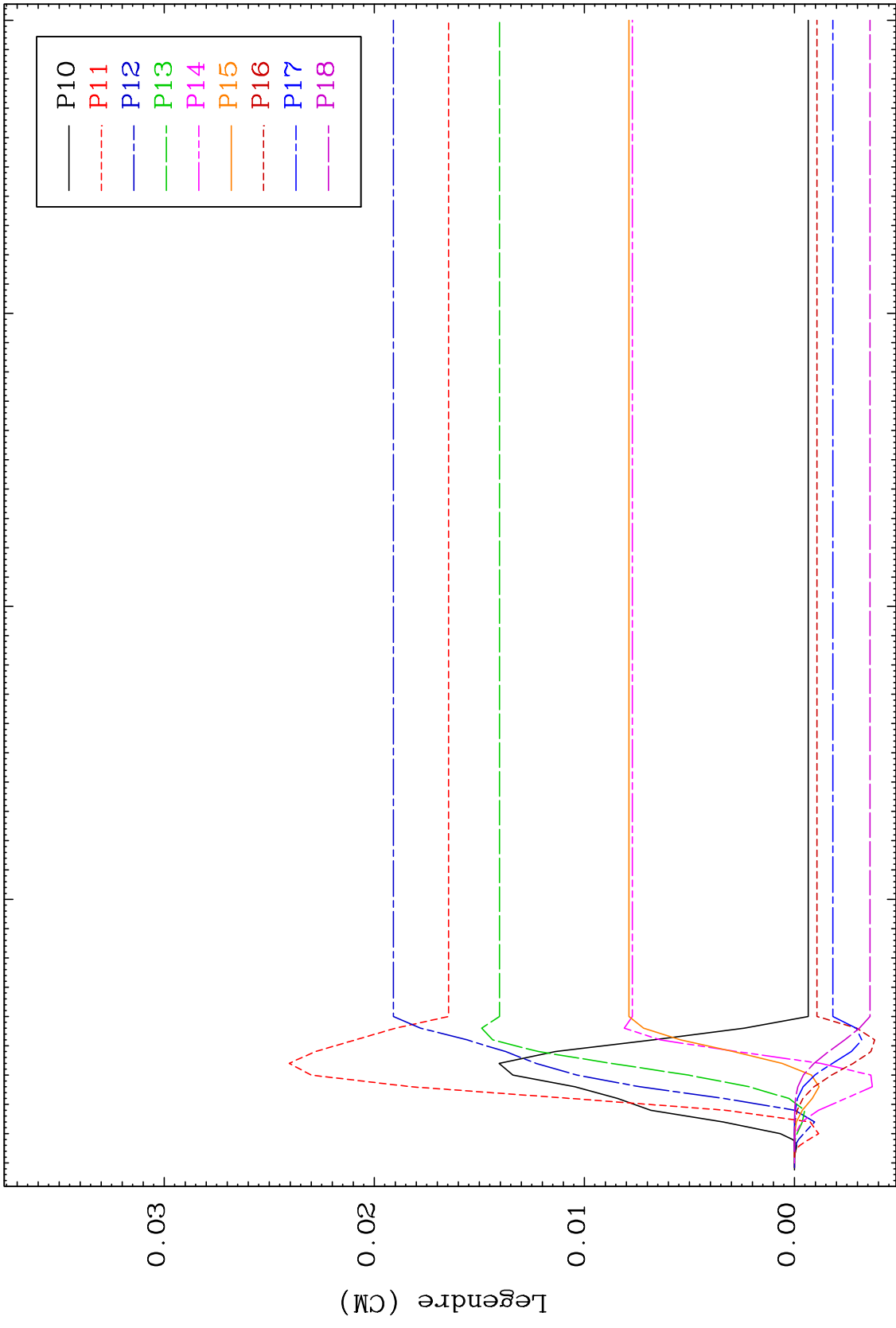


124

Incident Energy (MeV)

50-Sn-126

MAT 5067 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-126

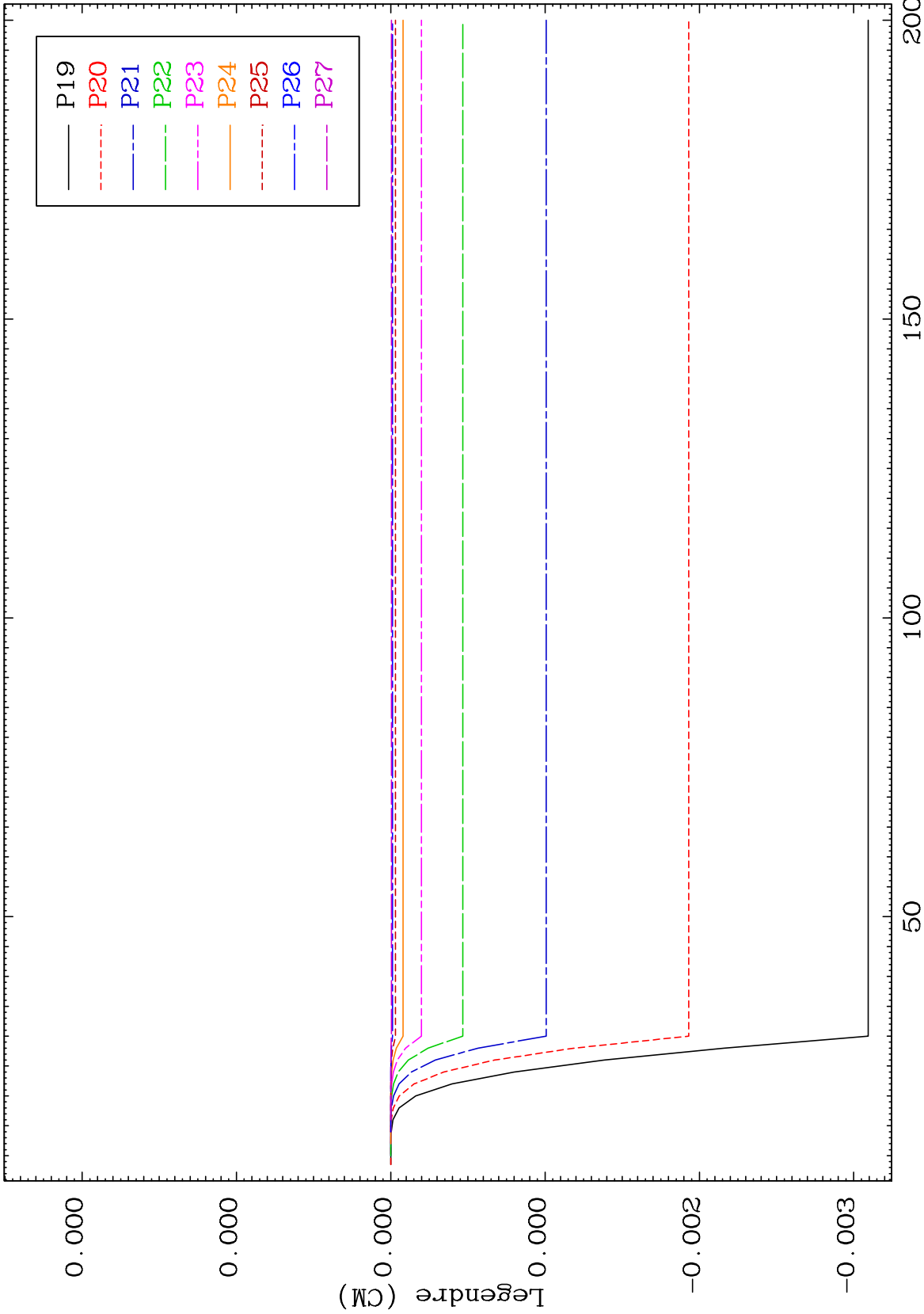


125 Incident Energy (MeV) 50-Sn-126

MAT 5067

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

50-Sn-126



126

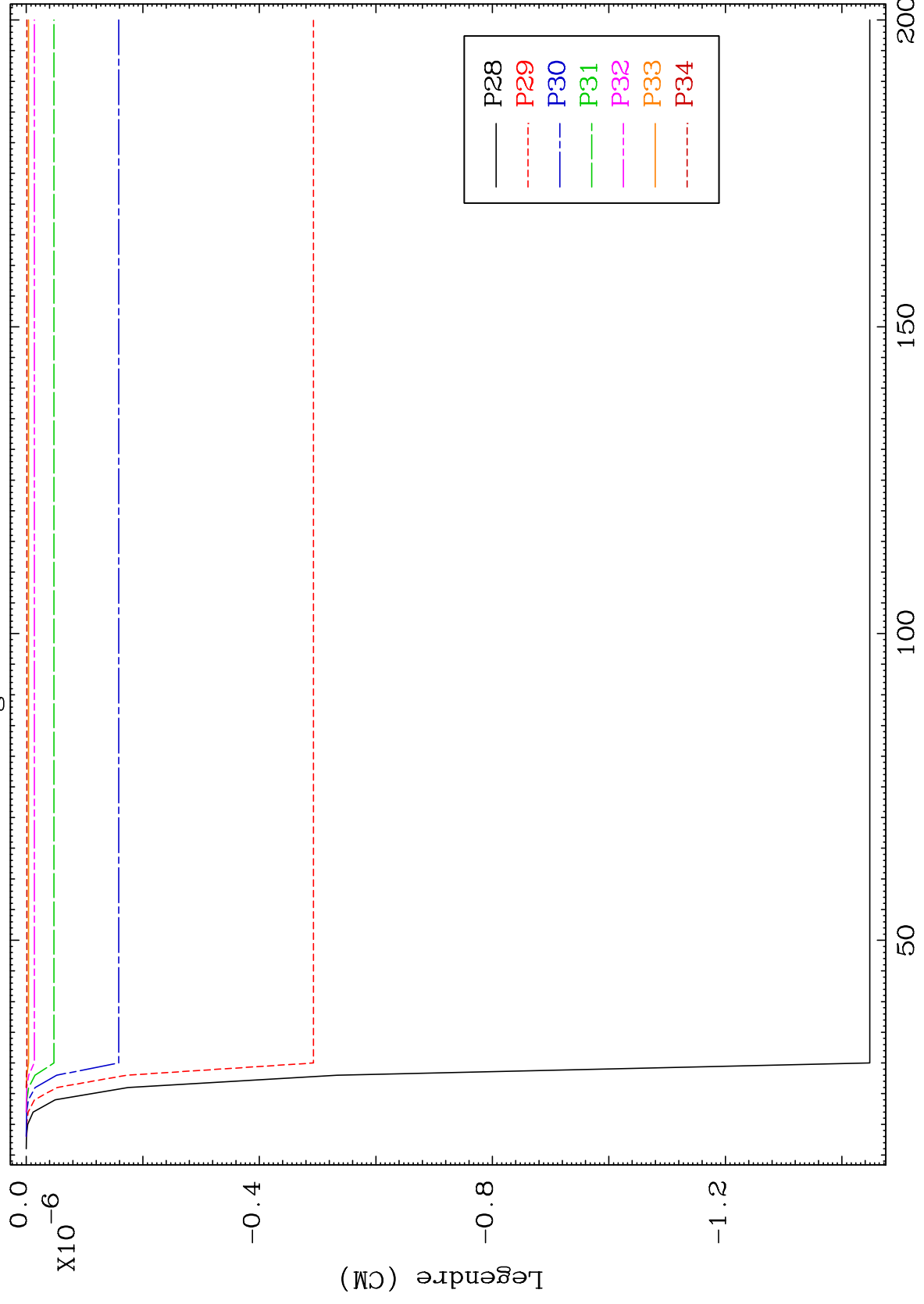
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



50-Sn-126

Incident Energy (MeV)

127

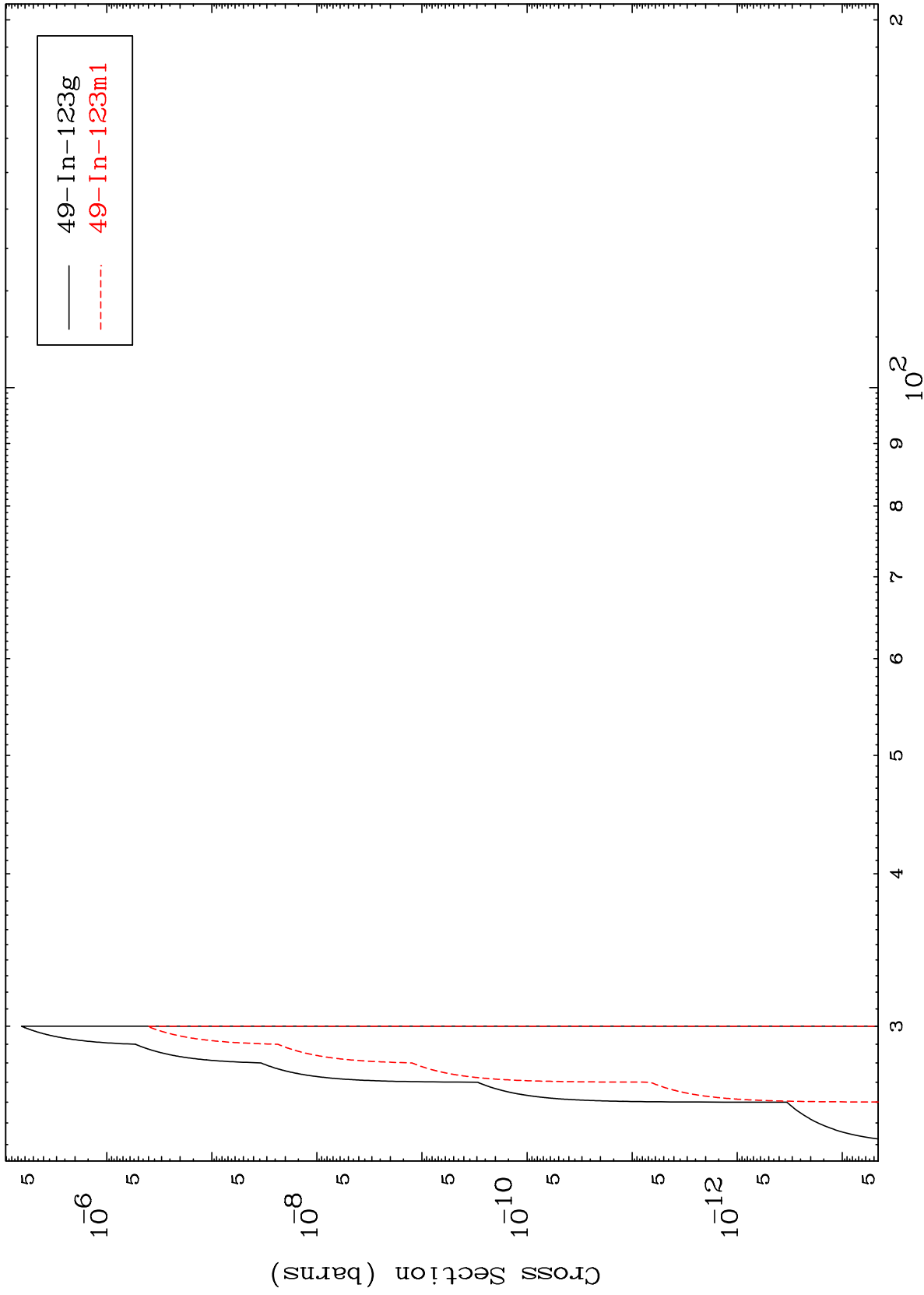


MAT 5067

(n,2n) d

50-Sn-126

Radionuclide Production Cross Section



128

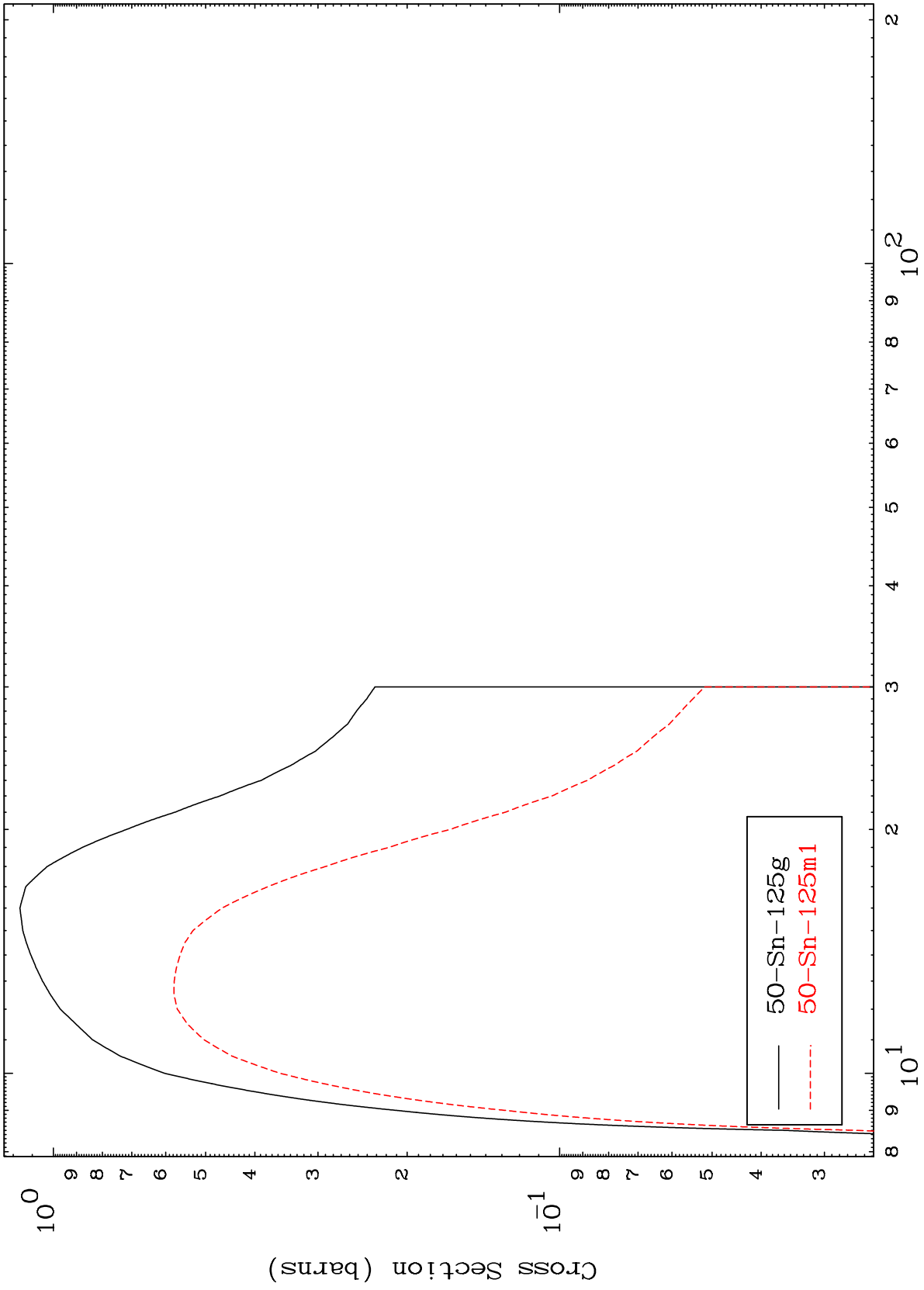
Incident Energy (MeV)

50-Sn-126

MAT 5067

50-Sn-126

Radionuclide Production Cross Section  
(n,2n)



129

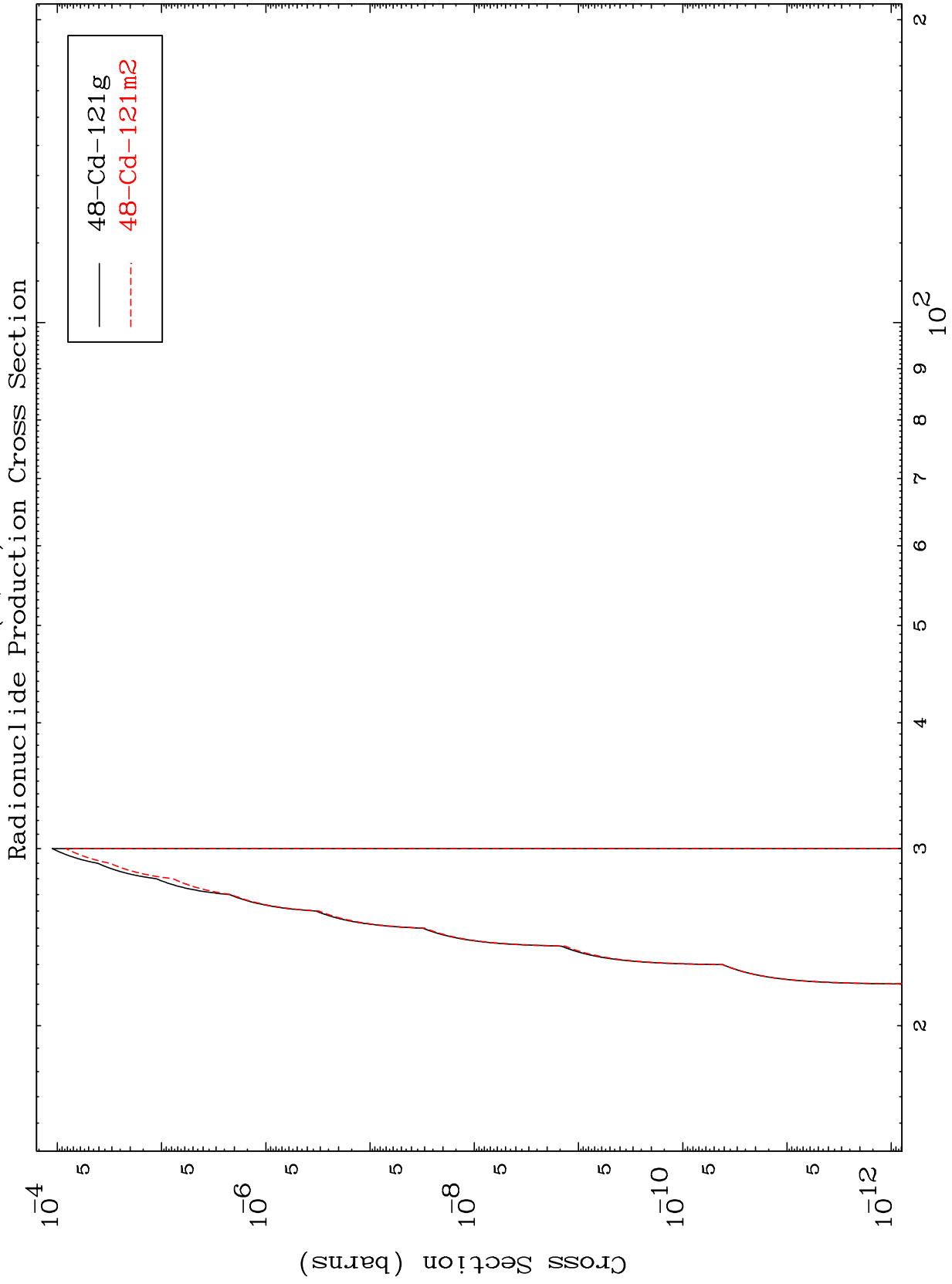
Incident Energy (MeV)

50-Sn-126

MAT 5067

(n,2n)  $\alpha$

50-Sn-126



130

Incident Energy (MeV)

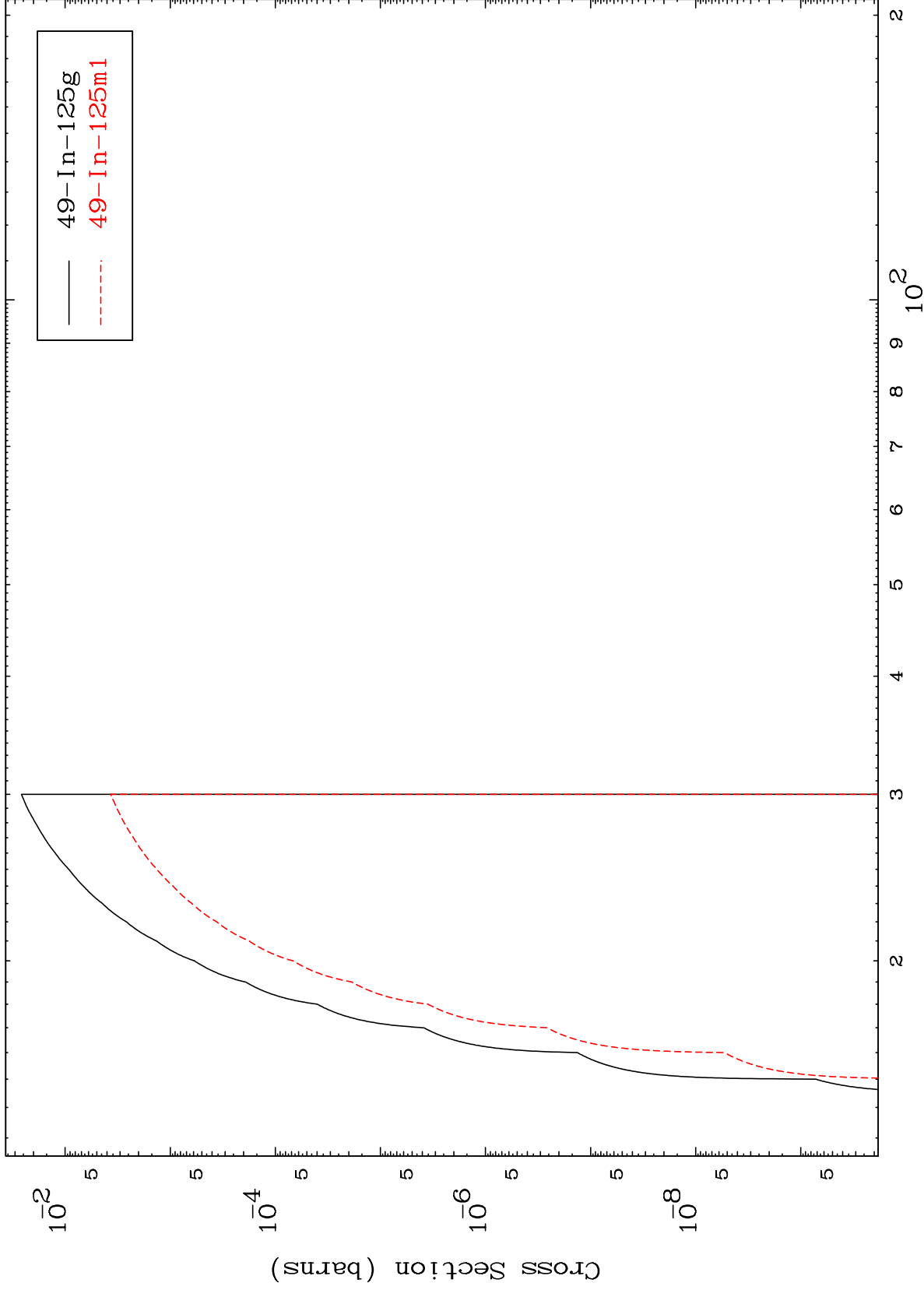
50-Sn-126

MAT 5067

(n,n') p

50-Sn-126

Radionuclide Production Cross Section



131

Incident Energy (MeV)

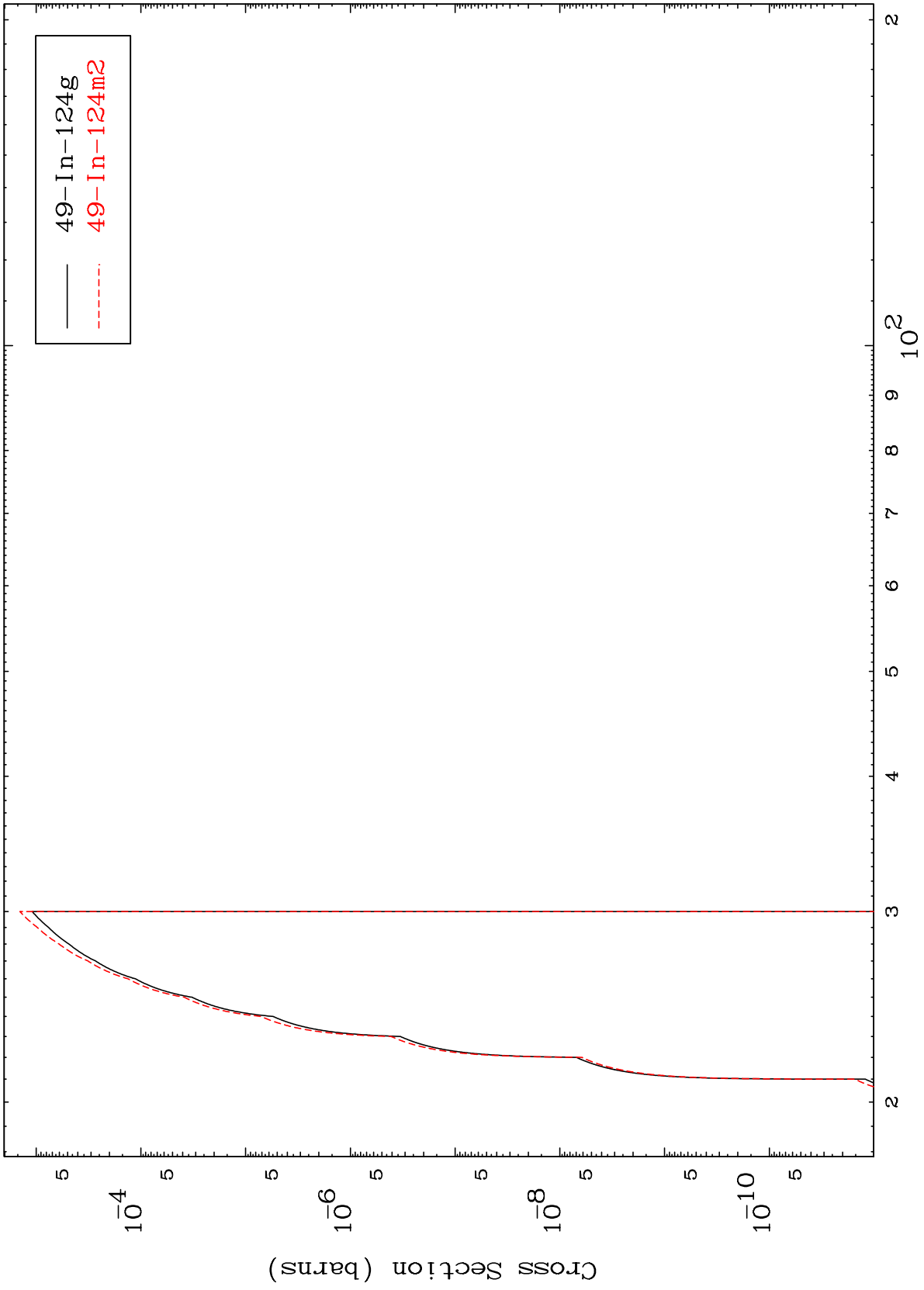
50-Sn-126

MAT 5067

(n,n') d

50-Sn-126

Radionuclide Production Cross Section



132

Incident Energy (MeV)

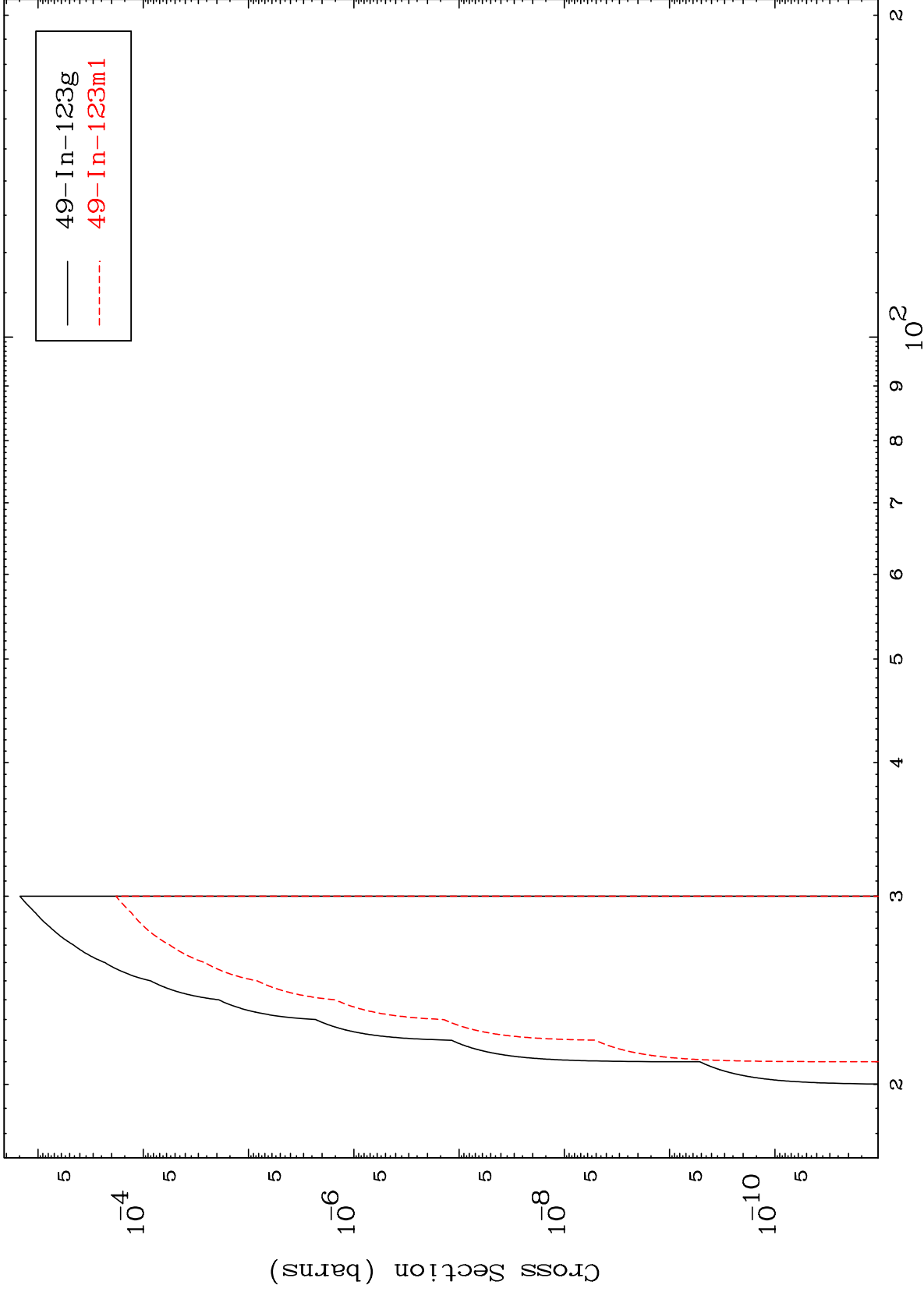
50-Sn-126

MAT 5067

(n,n') t

50-Sn-126

Radionuclide Production Cross Section



133

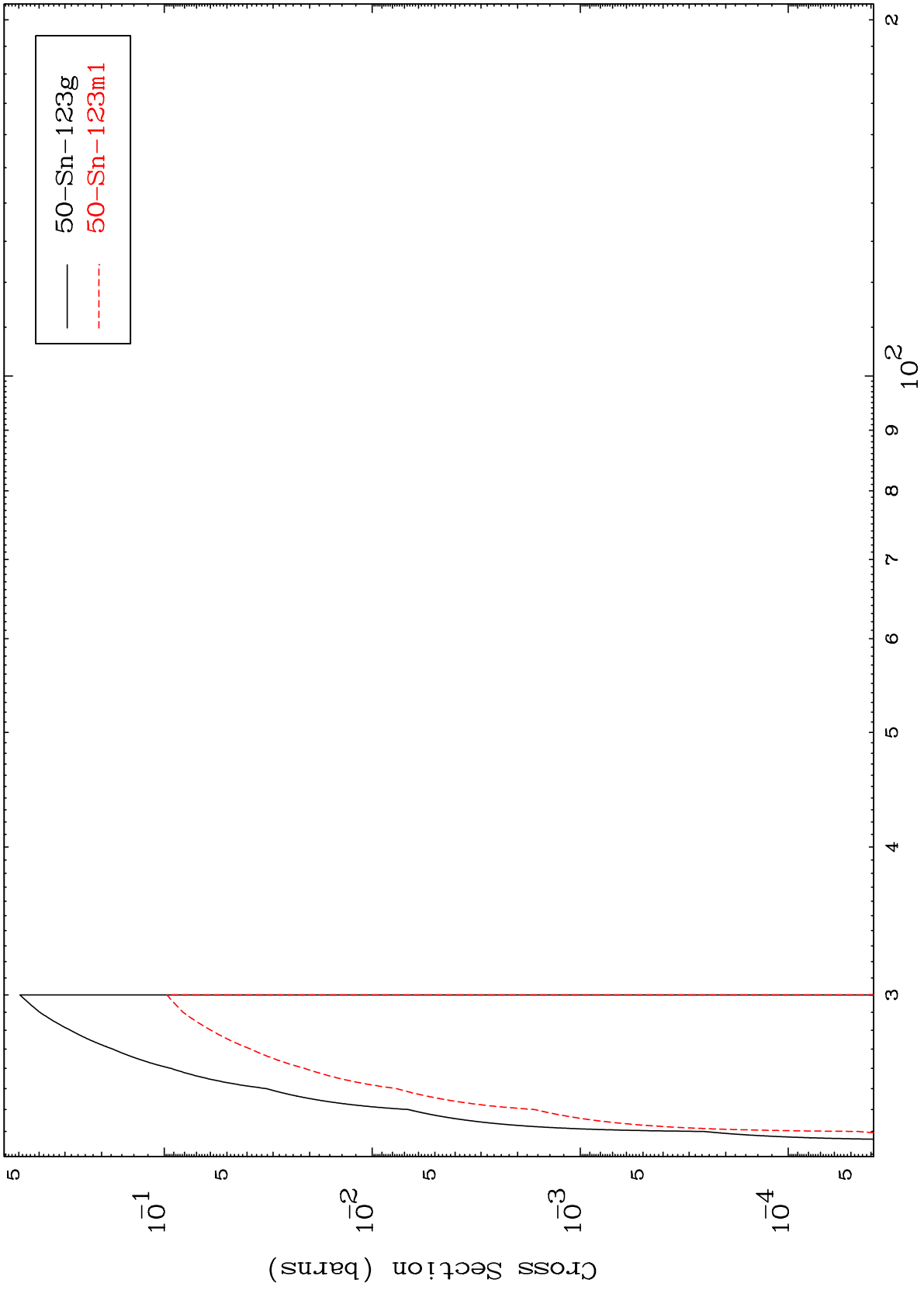
Incident Energy (MeV)

50-Sn-126

MAT 5067

50-Sn-126

(n,4n)  
Radionuclide Production Cross Section



134

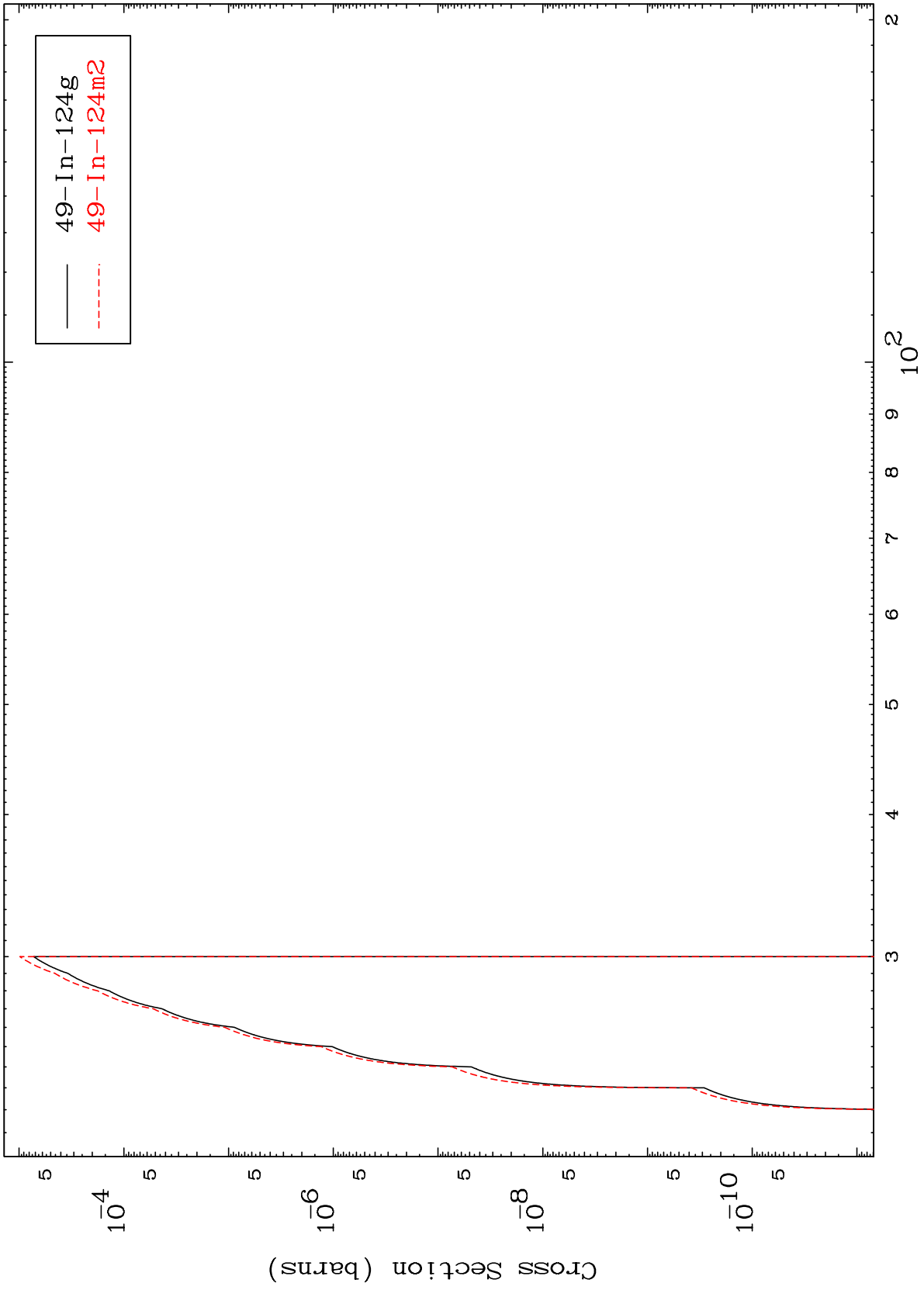
50-Sn-126

MAT 5067

(n,2n) p

50-Sn-126

Radionuclide Production Cross Section



135

Incident Energy (MeV)

50-Sn-126

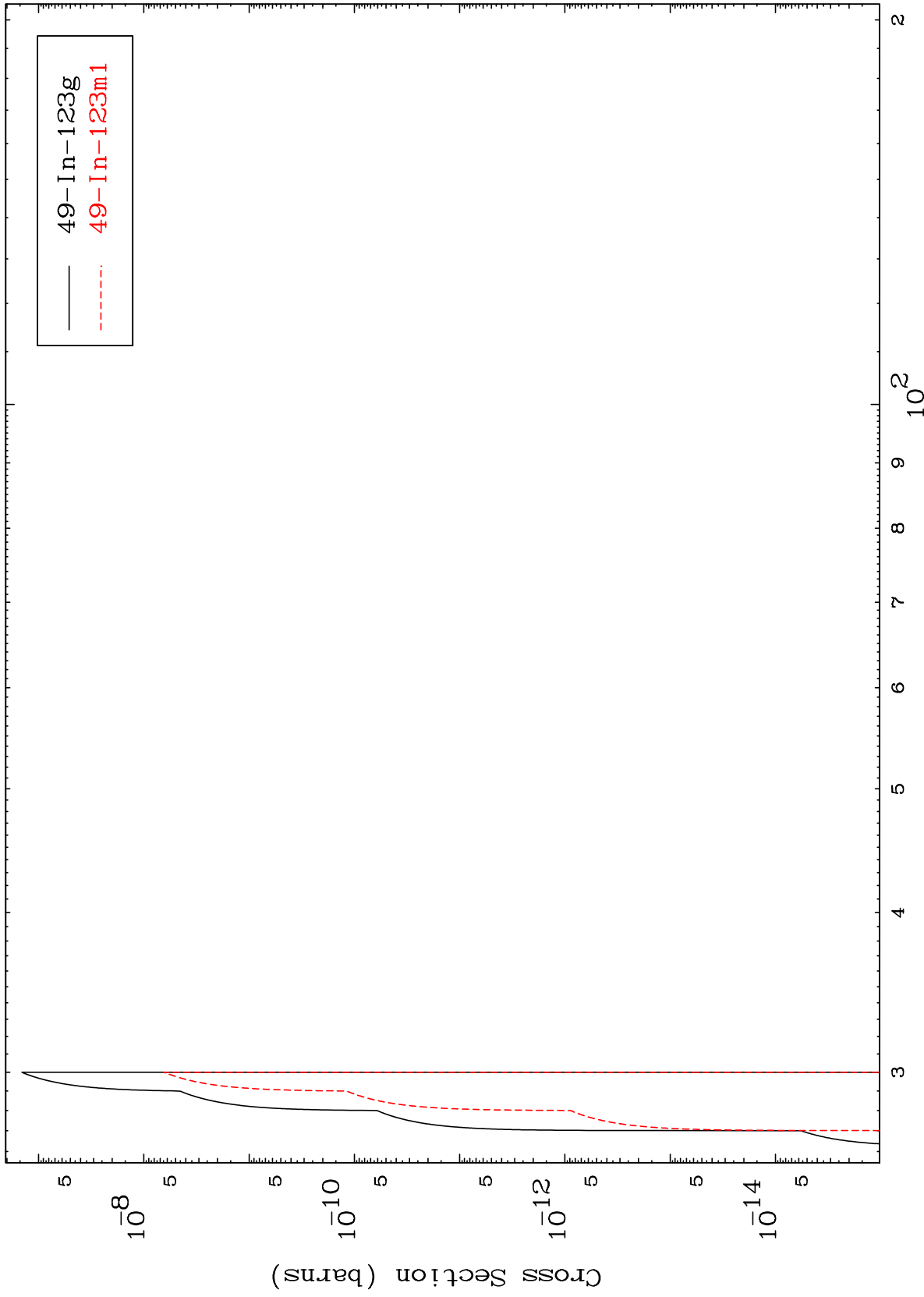


MAT 5067

(n,3n) p

50-Sn-126

Radionuclide Production Cross Section



136

Incident Energy (MeV)

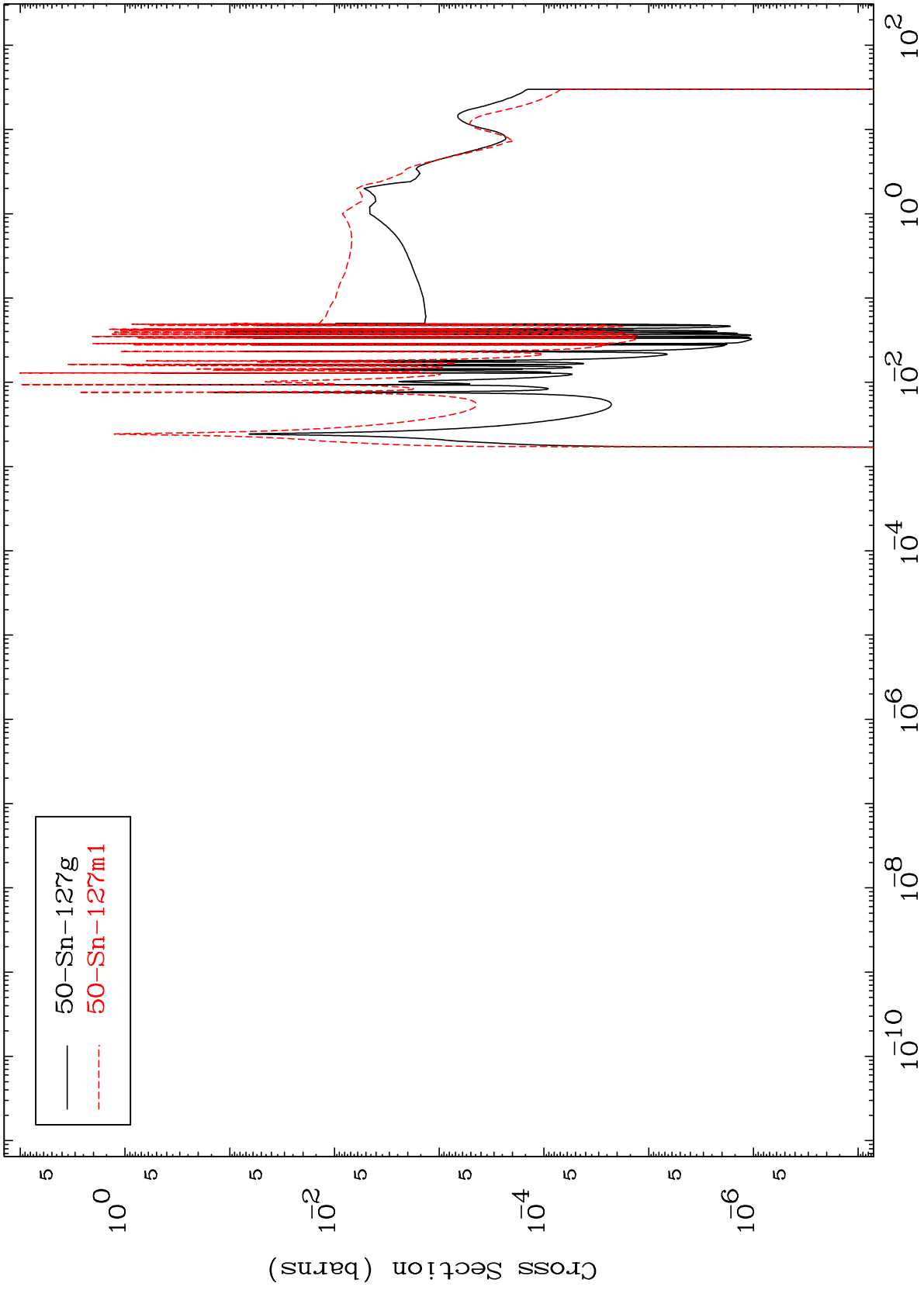
50-Sn-126

MAT 5067

(n,γ)

50-Sn-126

Radionuclide Production Cross Section



137

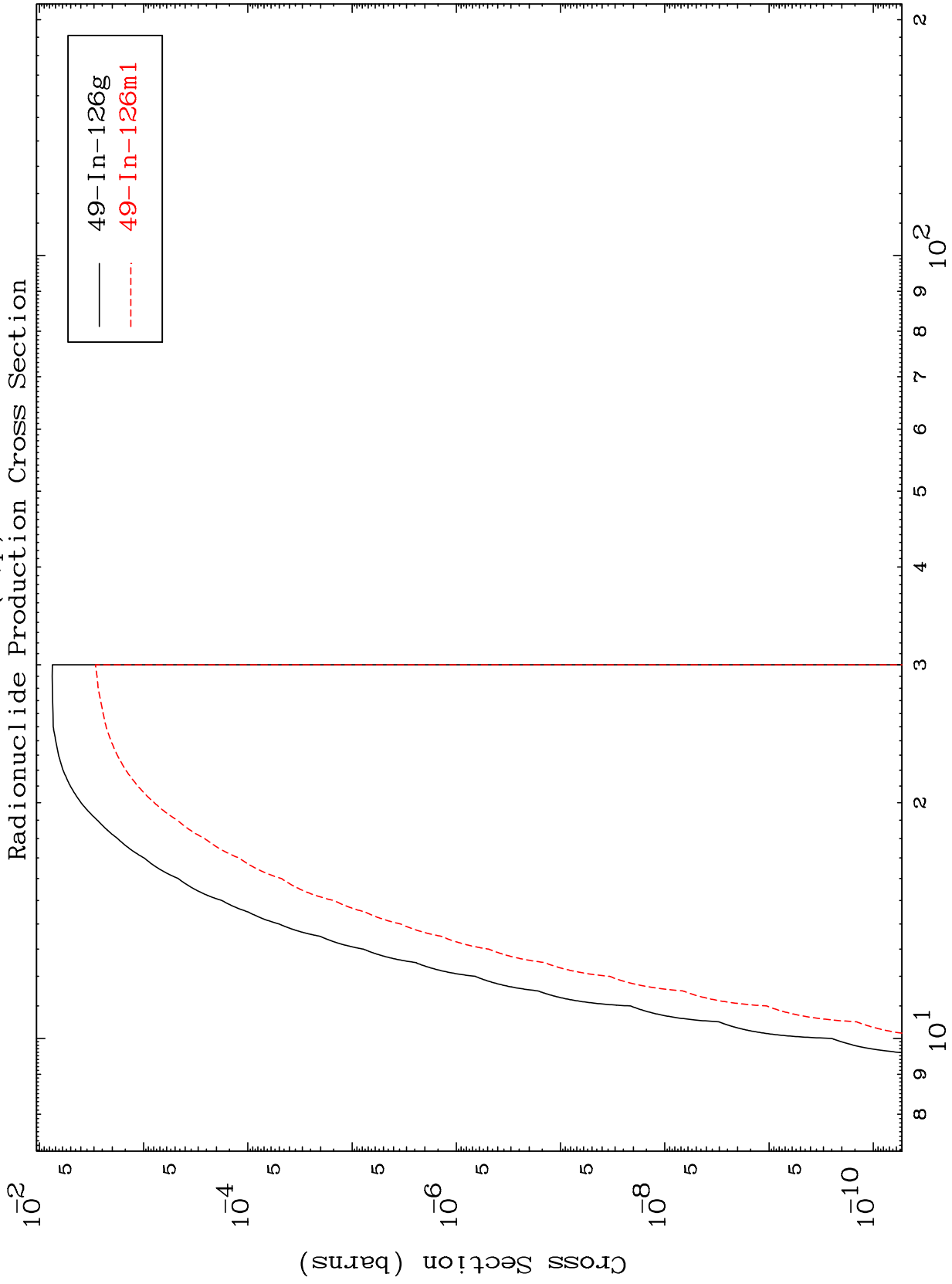
Incident Energy (MeV)

50-Sn-126

MAT 5067

50-Sn-126

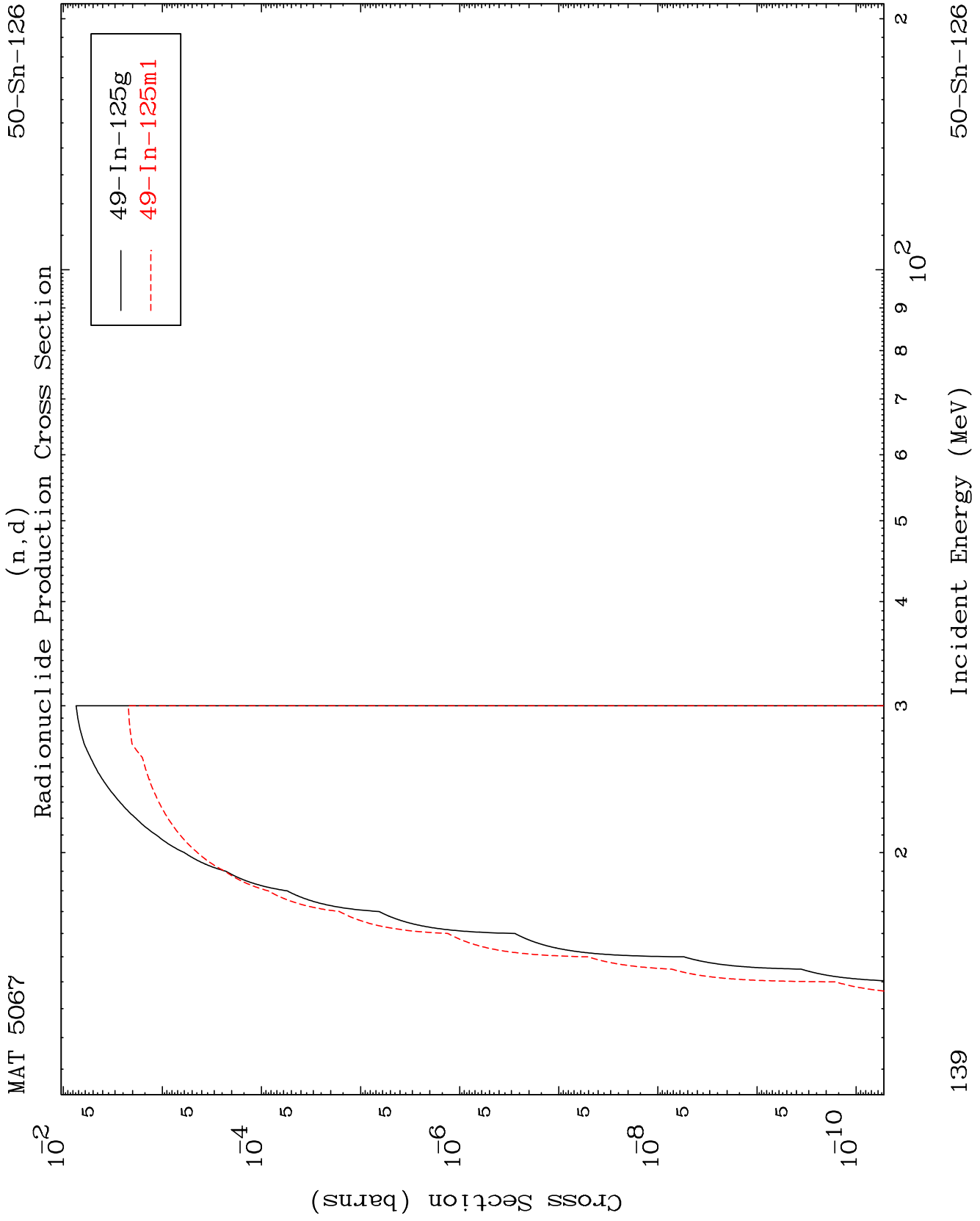
(n,p)  
Radionuclide Production Cross Section



138

Incident Energy (MeV)

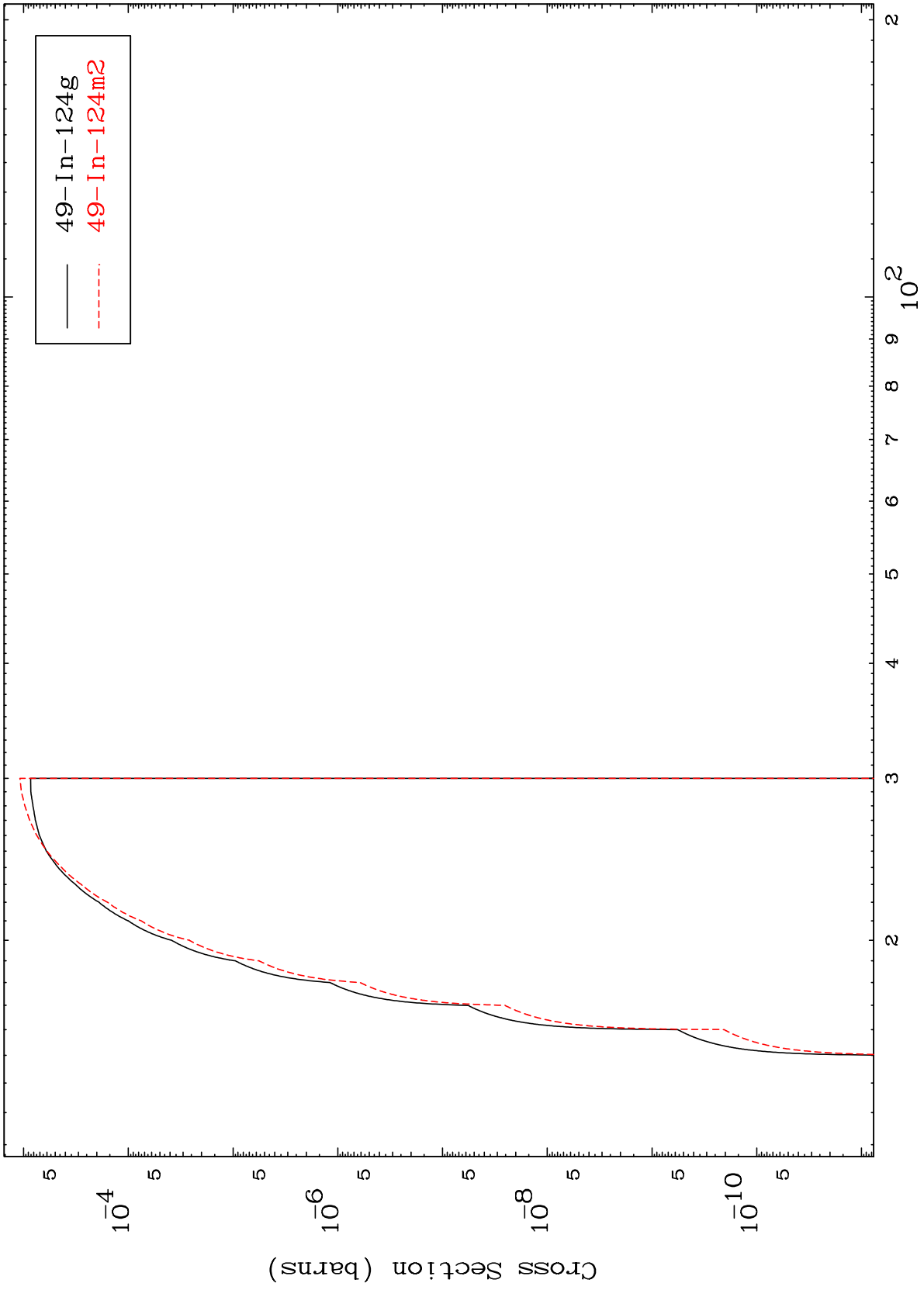
50-Sn-126



MAT 5067

50-Sn-126

(n, t)  
Radionuclide Production Cross Section



140

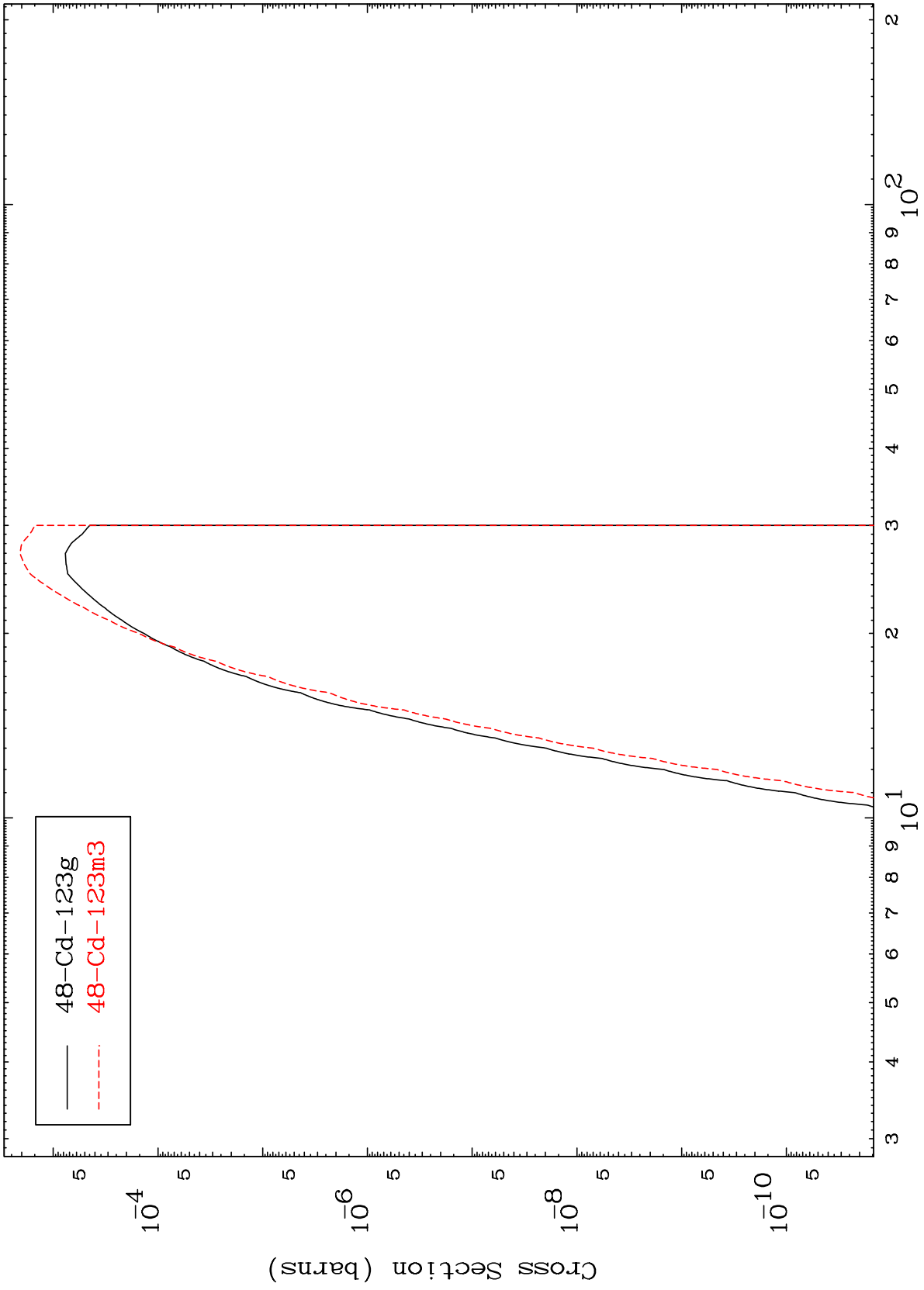
50-Sn-126

Incident Energy (MeV)

MAT 5067

50-Sn-126

(n,α)  
Radionuclide Production Cross Section



48-Cd-123g  
48-Cd-123m3

141

50-Sn-126