

Program EVALPLOT
(Version 2018-1)

by

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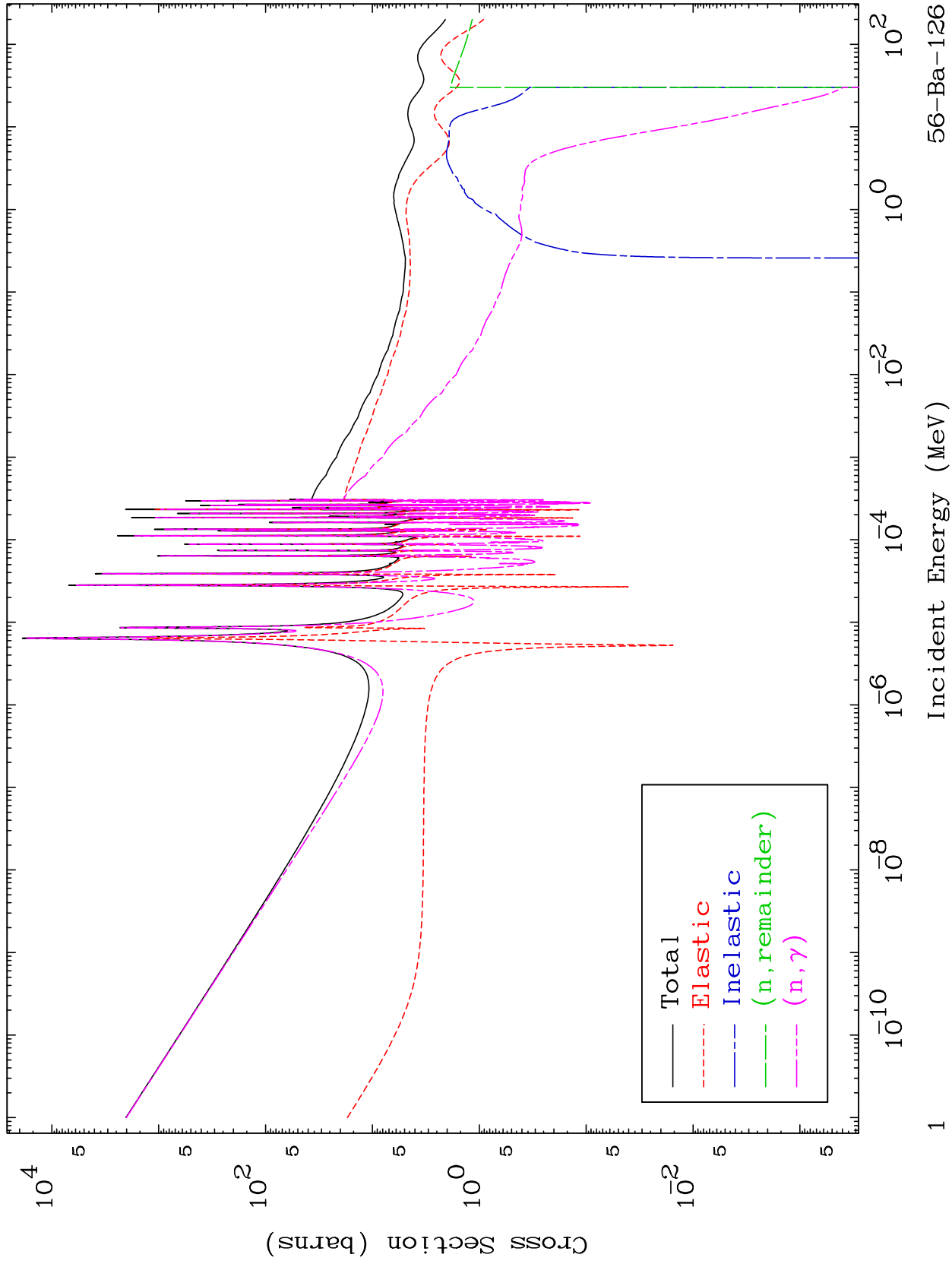
Press Mouse Button to Start

MAT 5613

Major

56-Ba-126

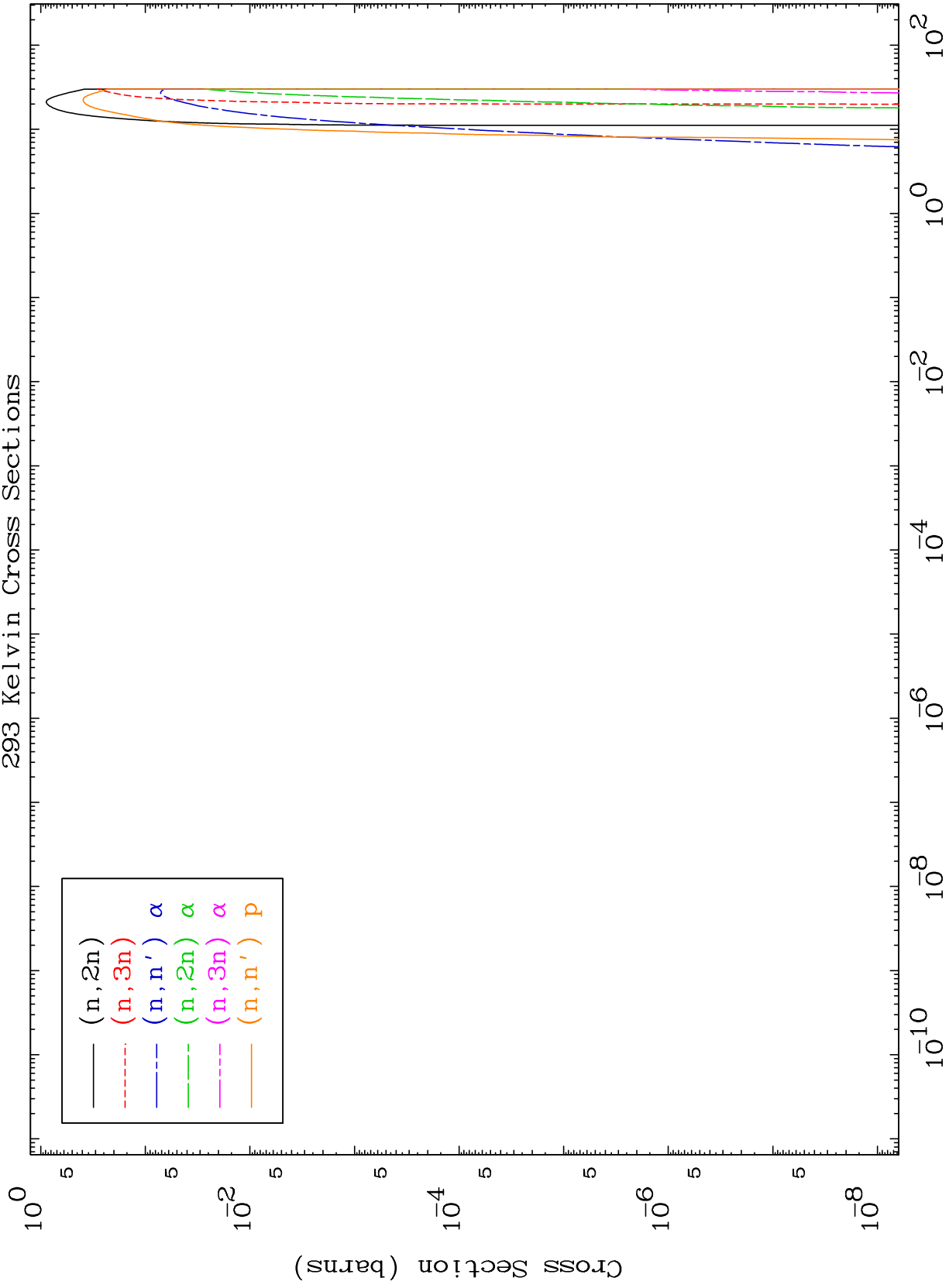
293 Kelvin Cross Sections



MAT 5613

Neutron Production
293 Kelvin Cross Sections

56-Ba-126



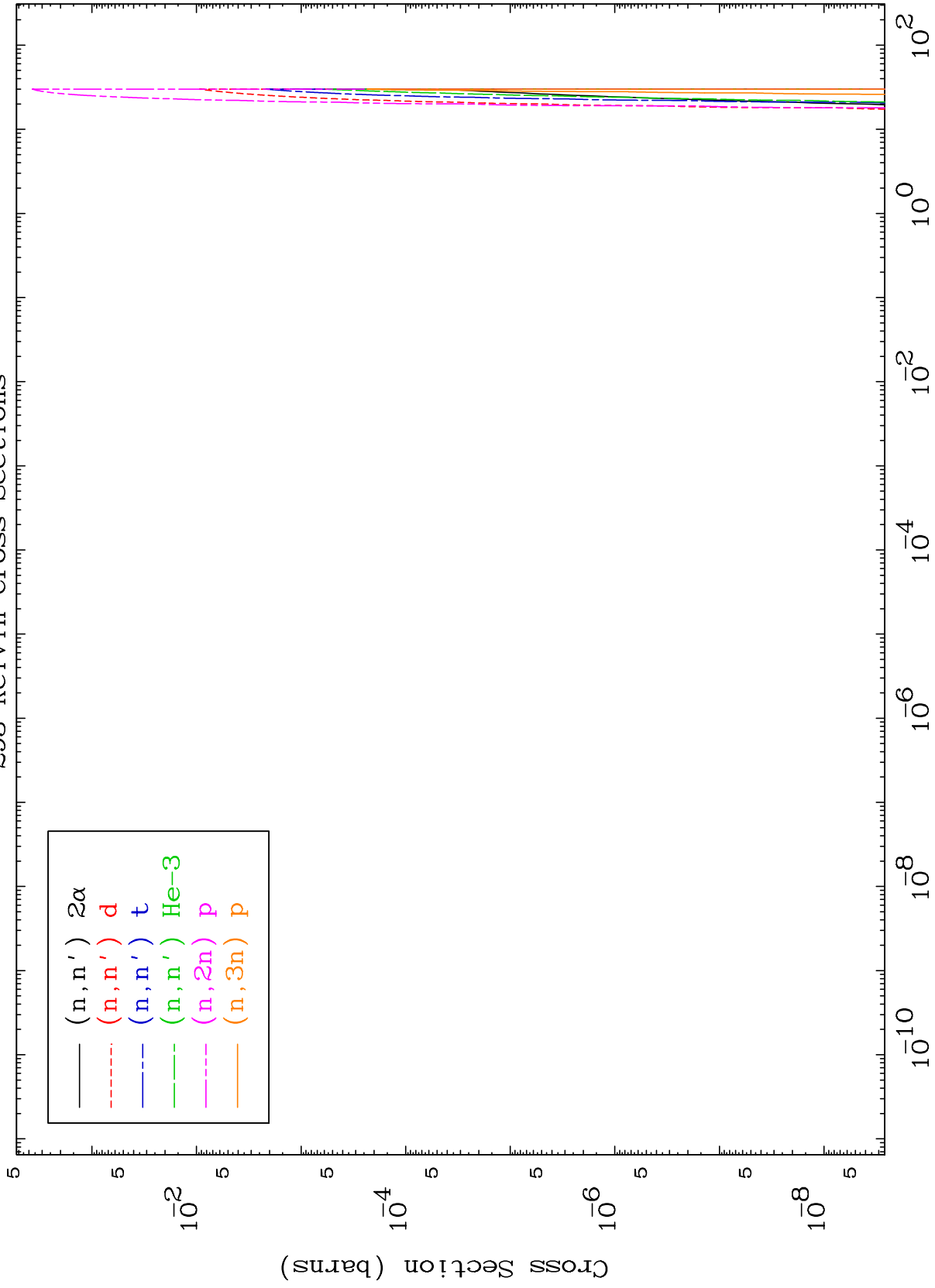
2

56-Ba-126

MAT 5613

Neutron Production
293 Kelvin Cross Sections

56-Ba-126



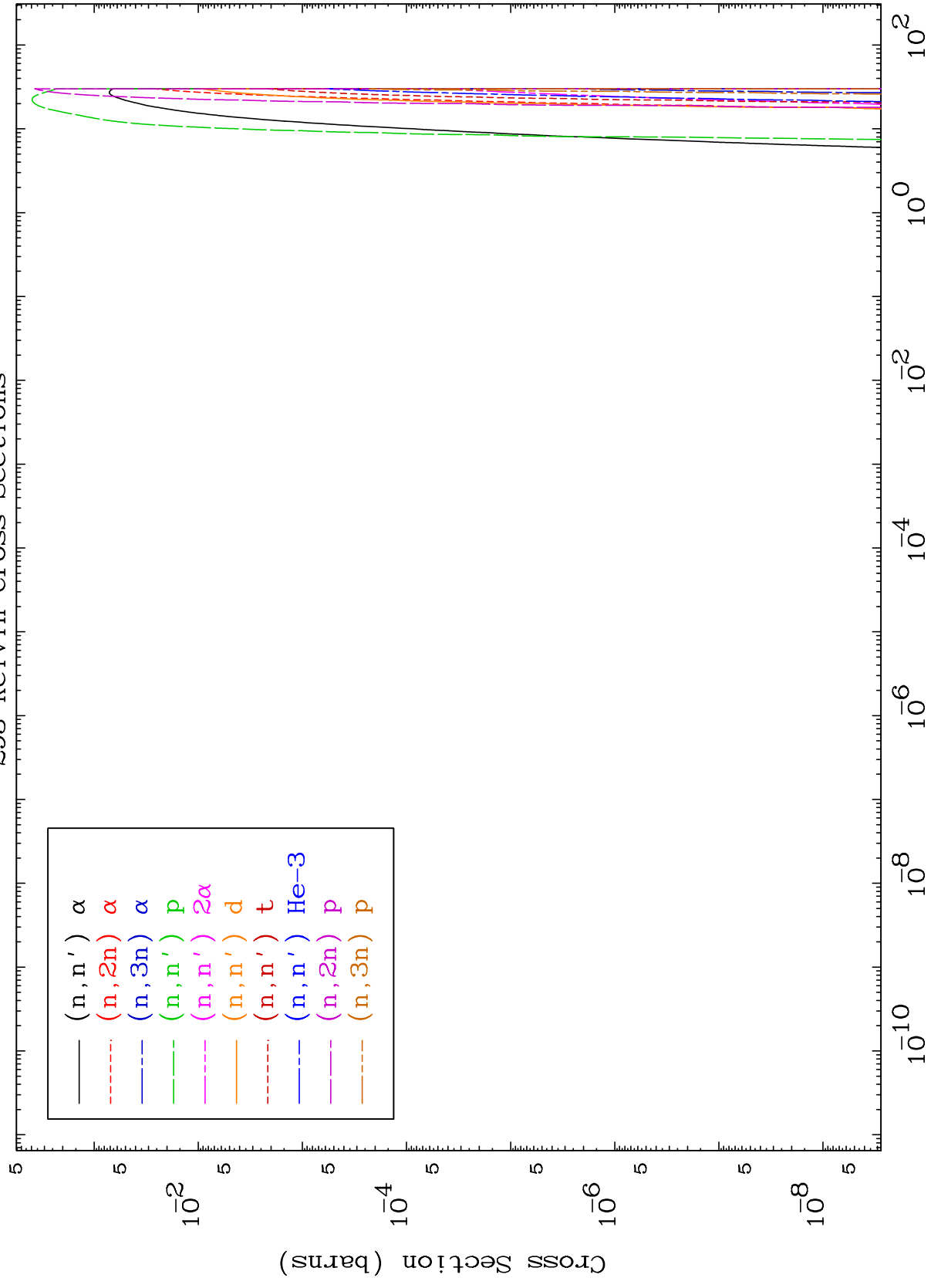
3

56-Ba-126

MAT 5613

Charged Particle
293 Kelvin Cross Sections

56-Ba-126

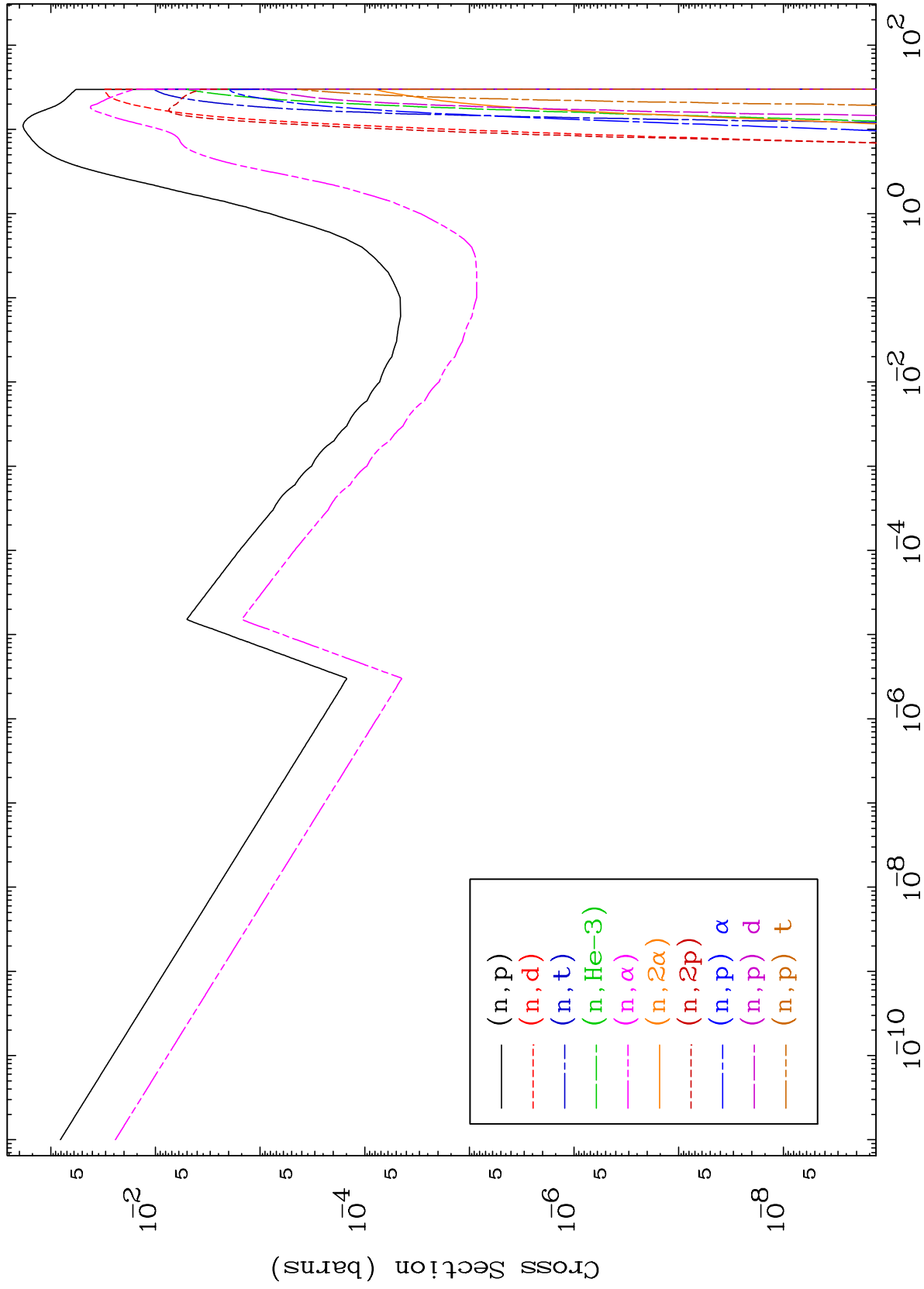


56-Ba-126

MAT 5613

Charged Particle
293 Kelvin Cross Sections

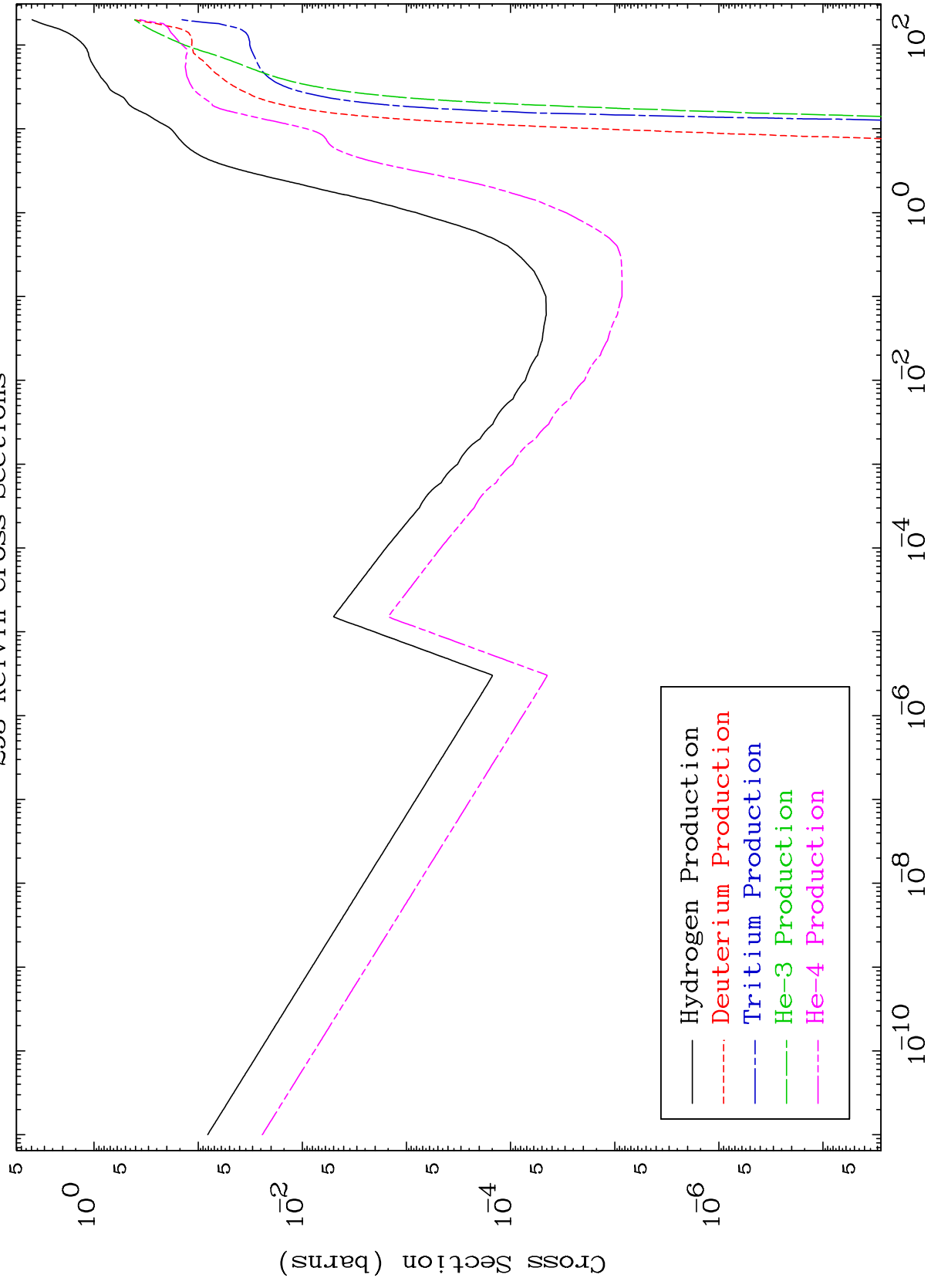
56-Ba-126



MAT 5613

Particle Production
293 Kelvin Cross Sections

56-Ba-126



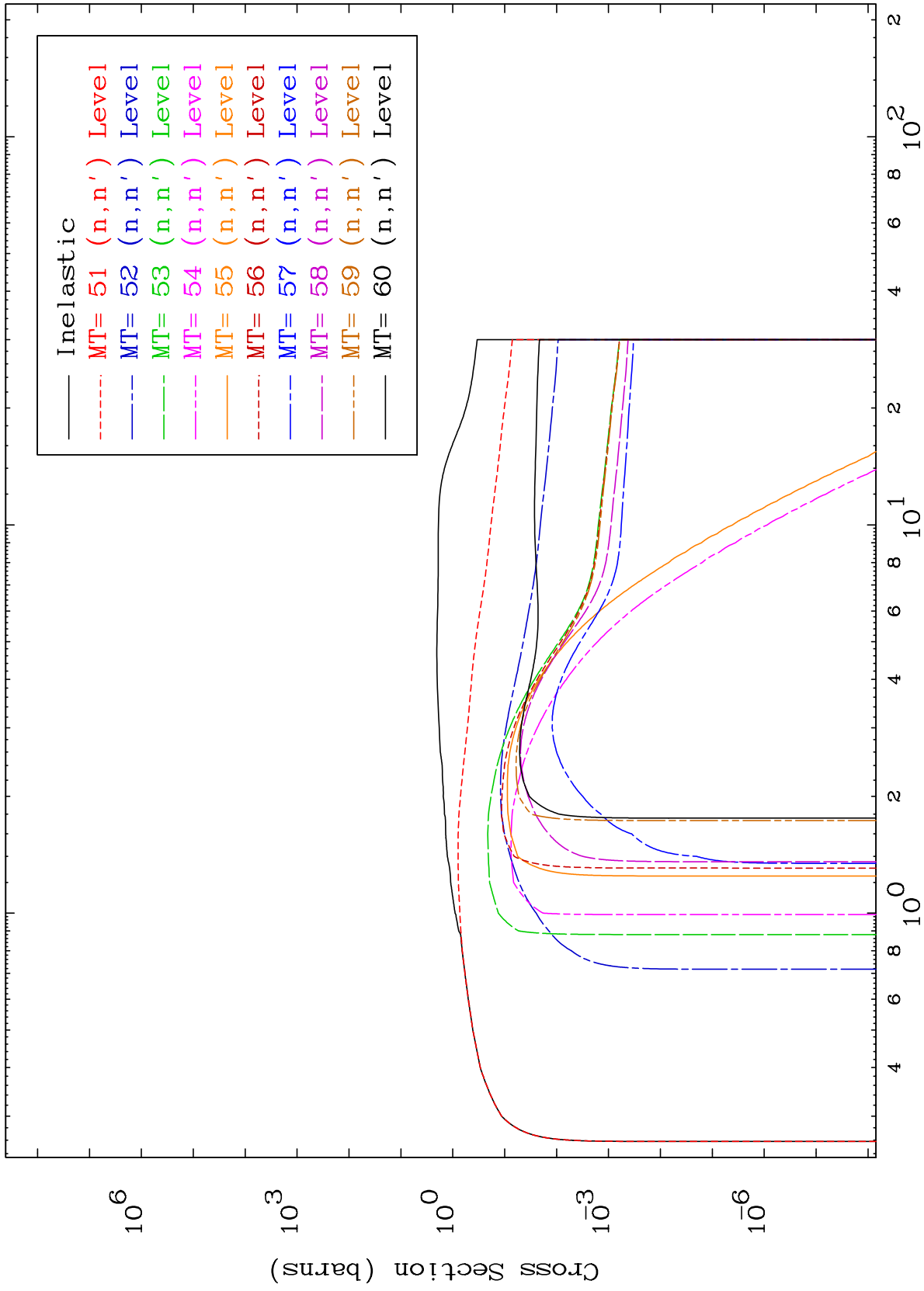
56-Ba-126

MAT 5613

(n,n') Level

56-Ba-126

293 Kelvin Cross Sections

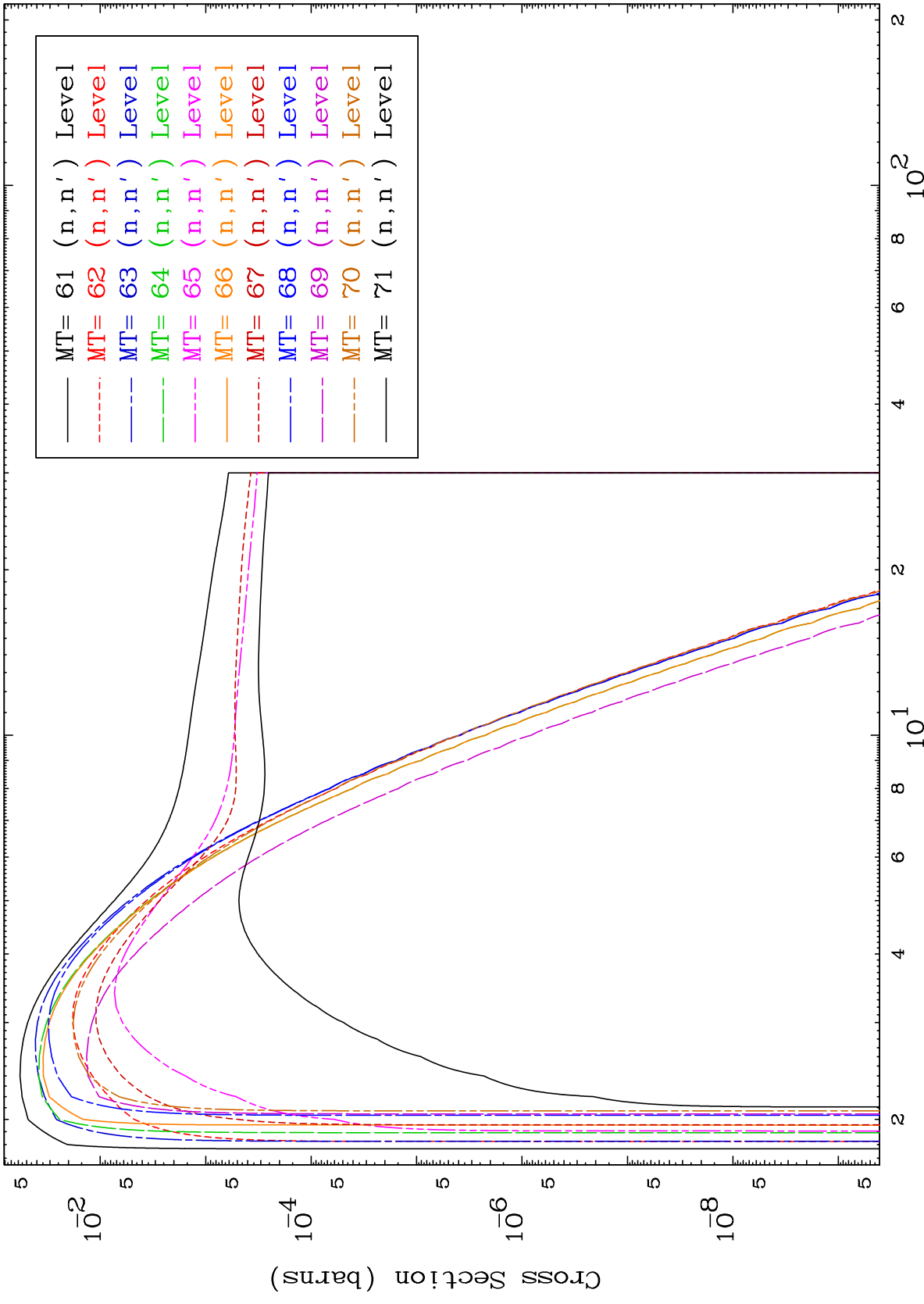


MAT 5613

(n,n') Level

293 Kelvin Cross Sections

56-Ba-126



8

Incident Energy (MeV)

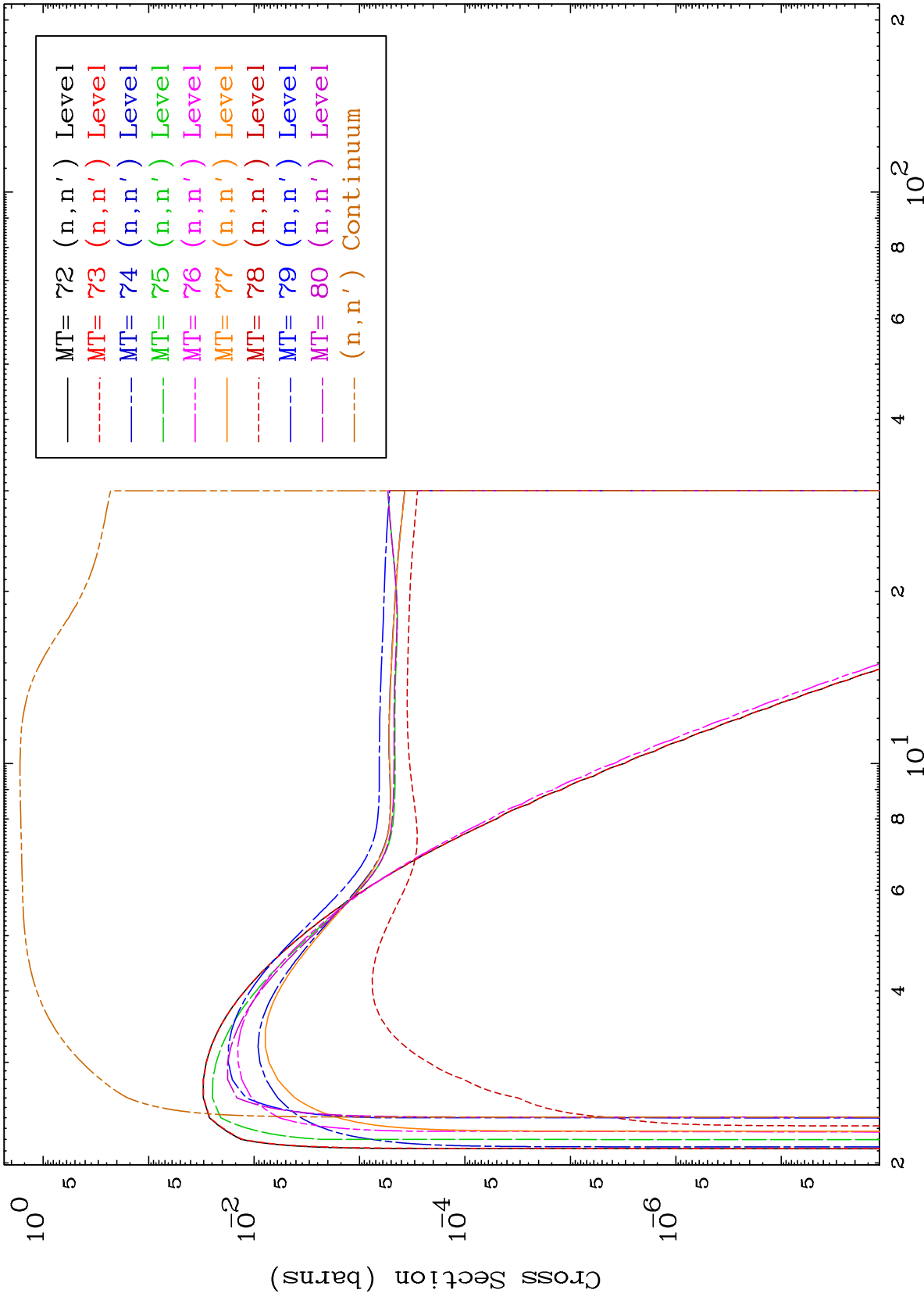
56-Ba-126

MAT 5613

(n,n') Level

56-Ba-126

293 Kelvin Cross Sections



9

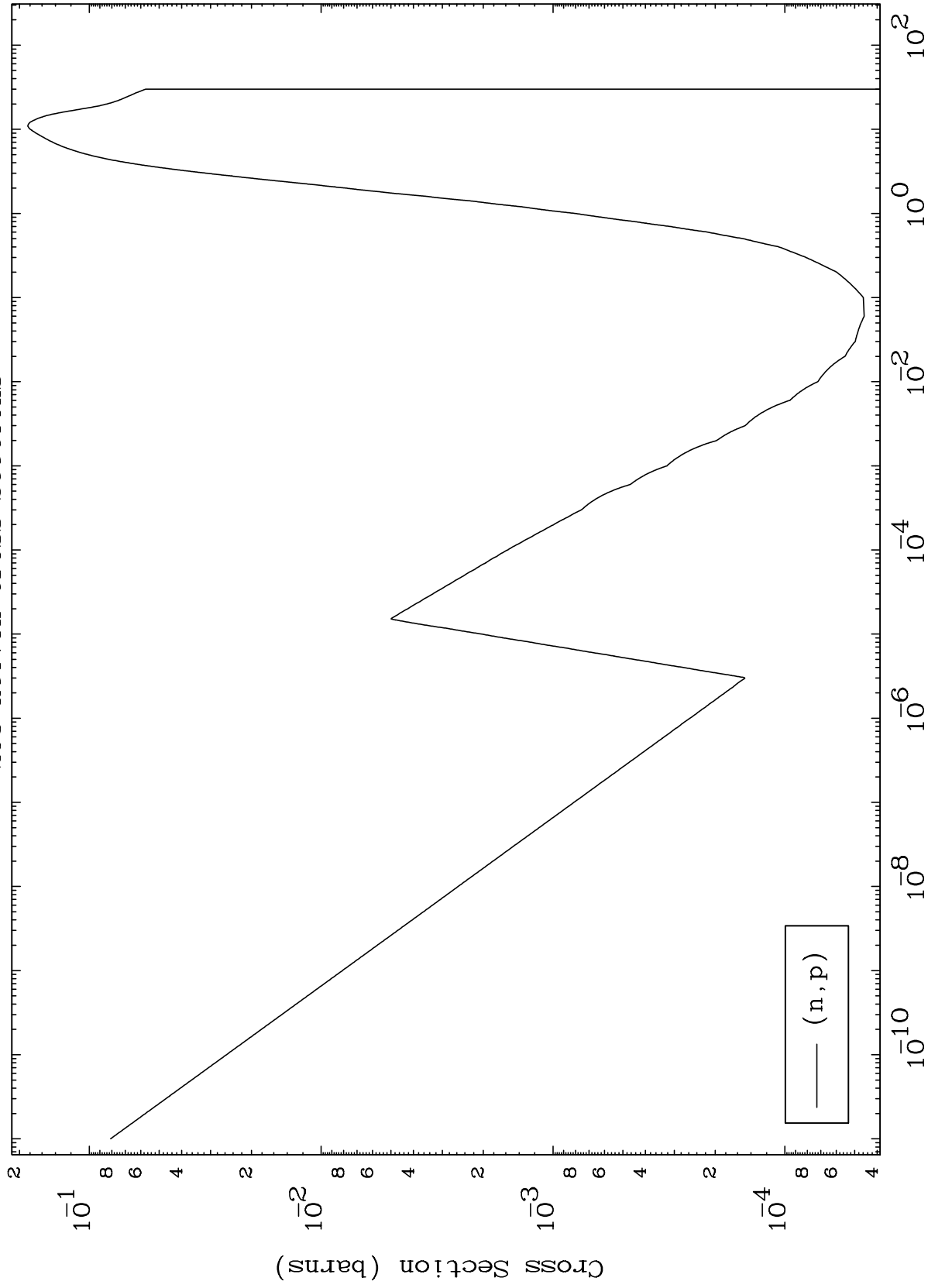
Incident Energy (MeV)

56-Ba-126

MAT 5613

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-126



10

Incident Energy (MeV)

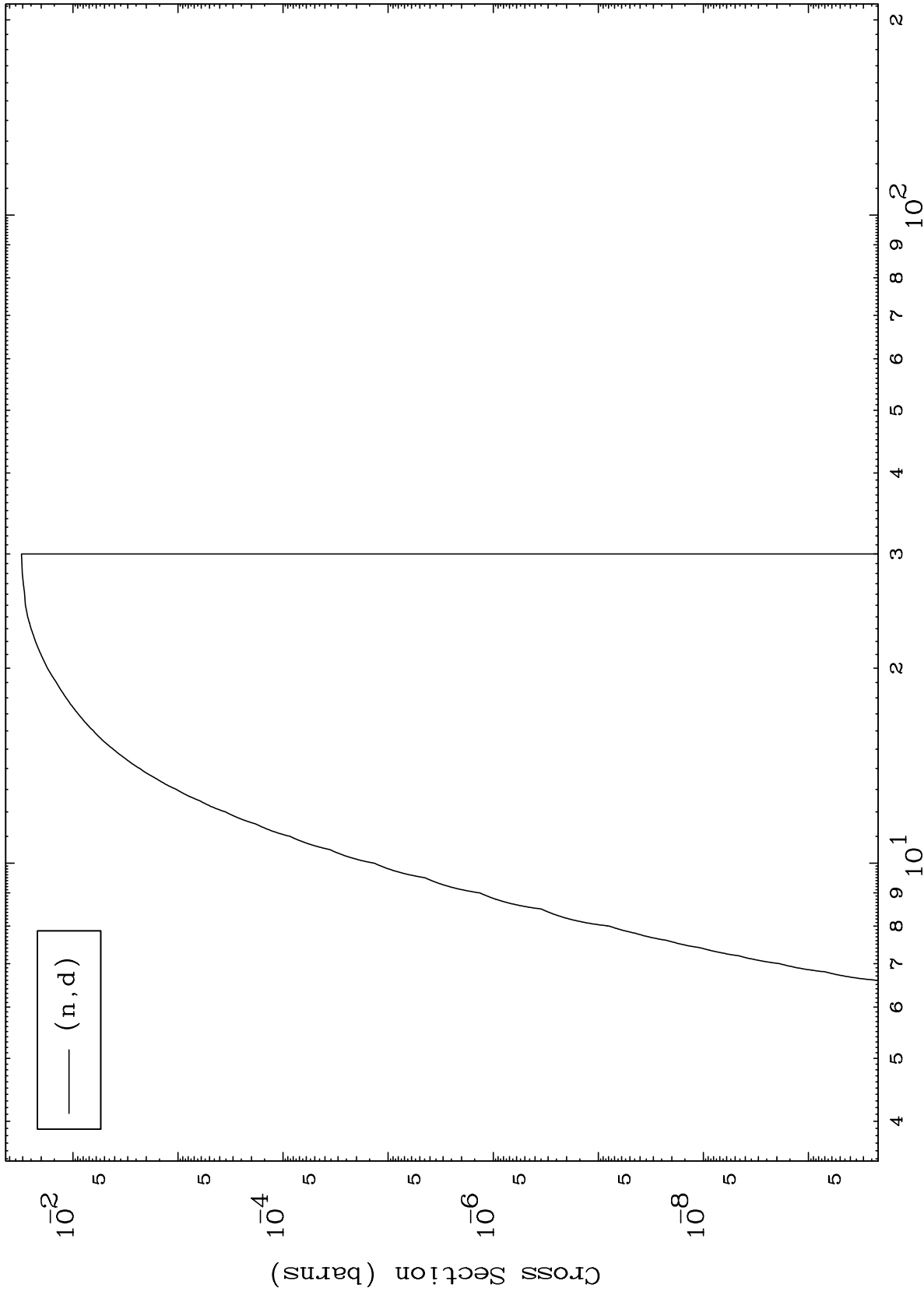
56-Ba-126

— (n, p)

MAT 5613

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-126



11

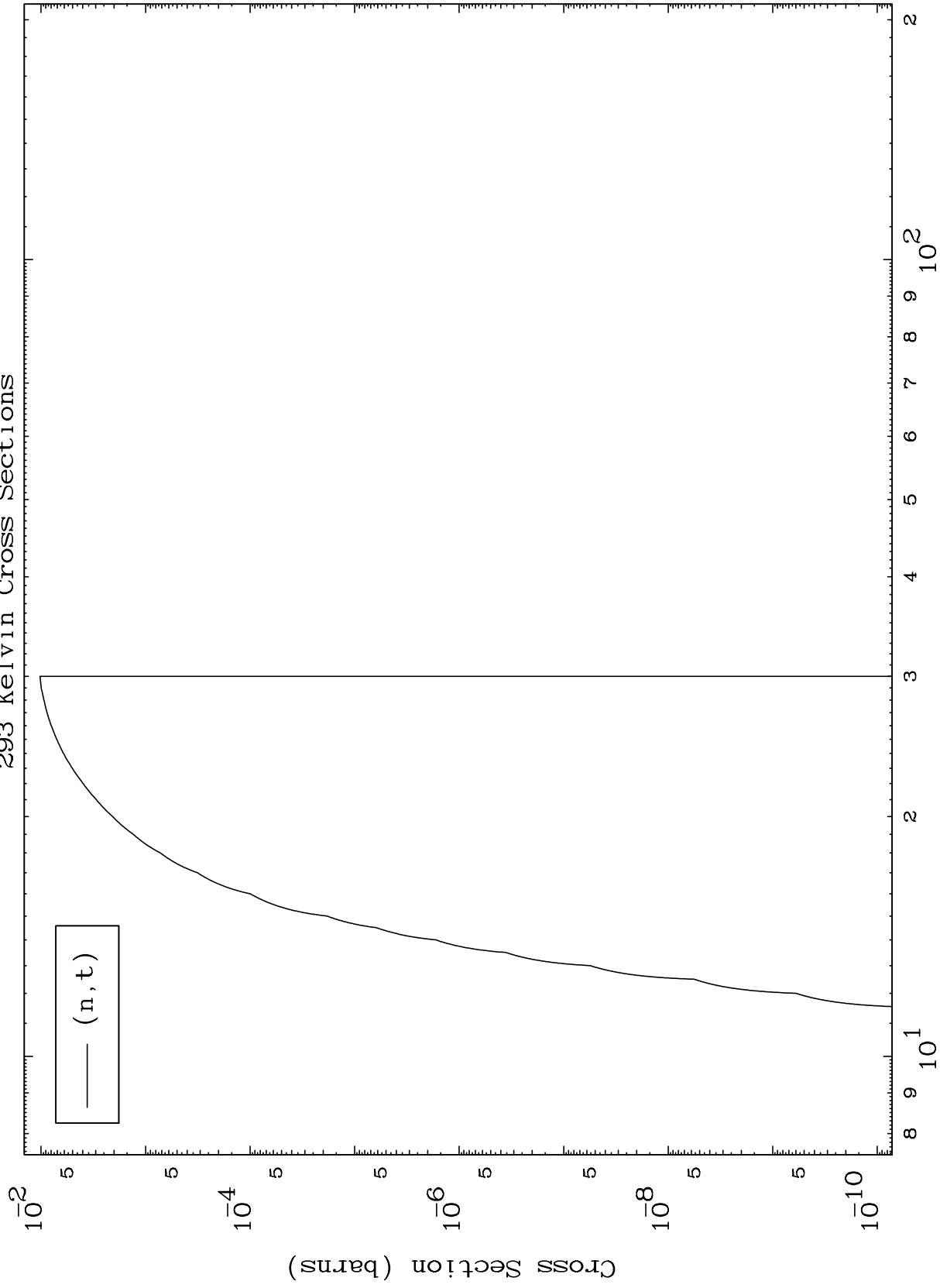
Incident Energy (MeV)

56-Ba-126

MAT 5613

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-126



12

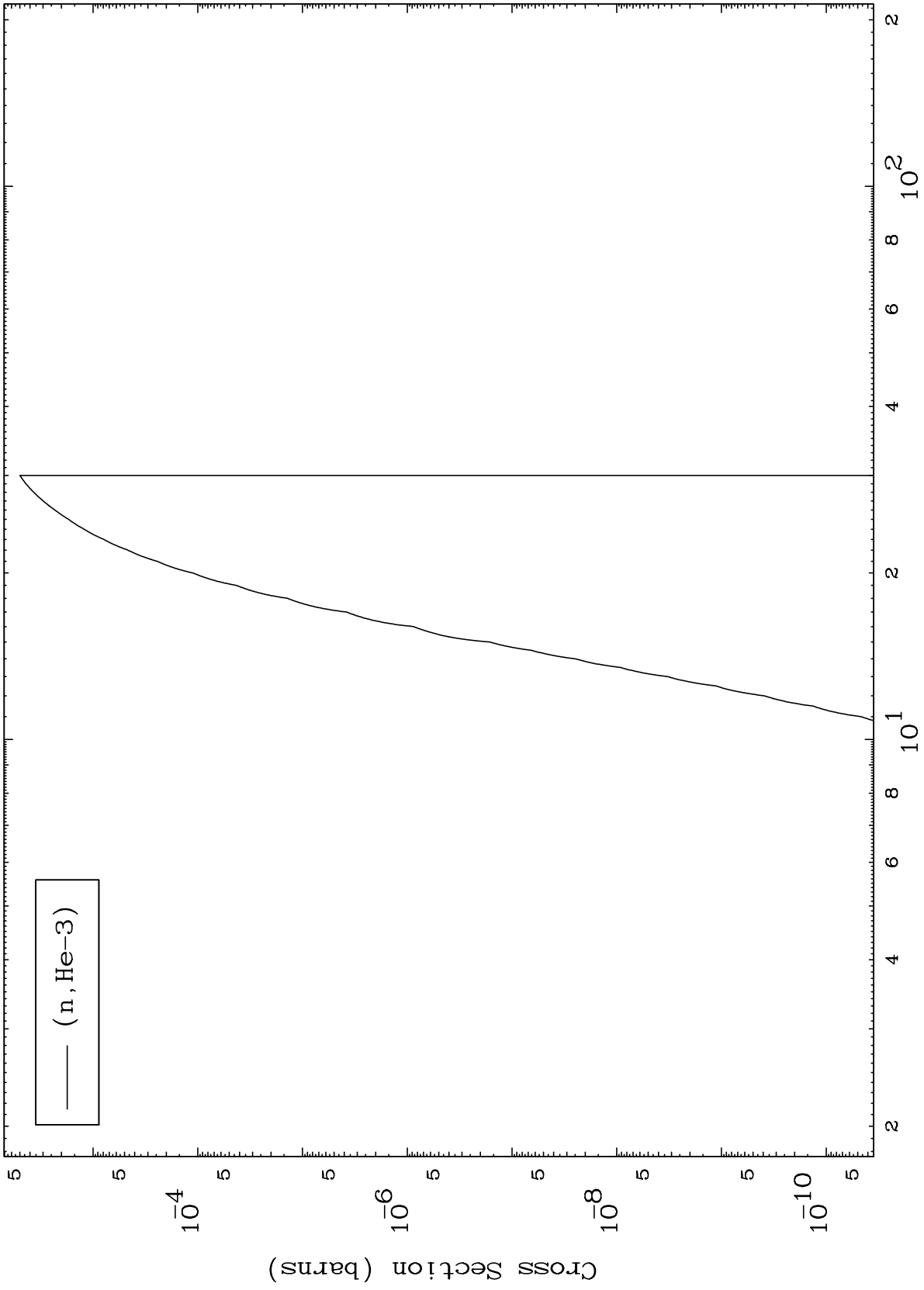
Incident Energy (MeV)

56-Ba-126

MAT 5613

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-126



13

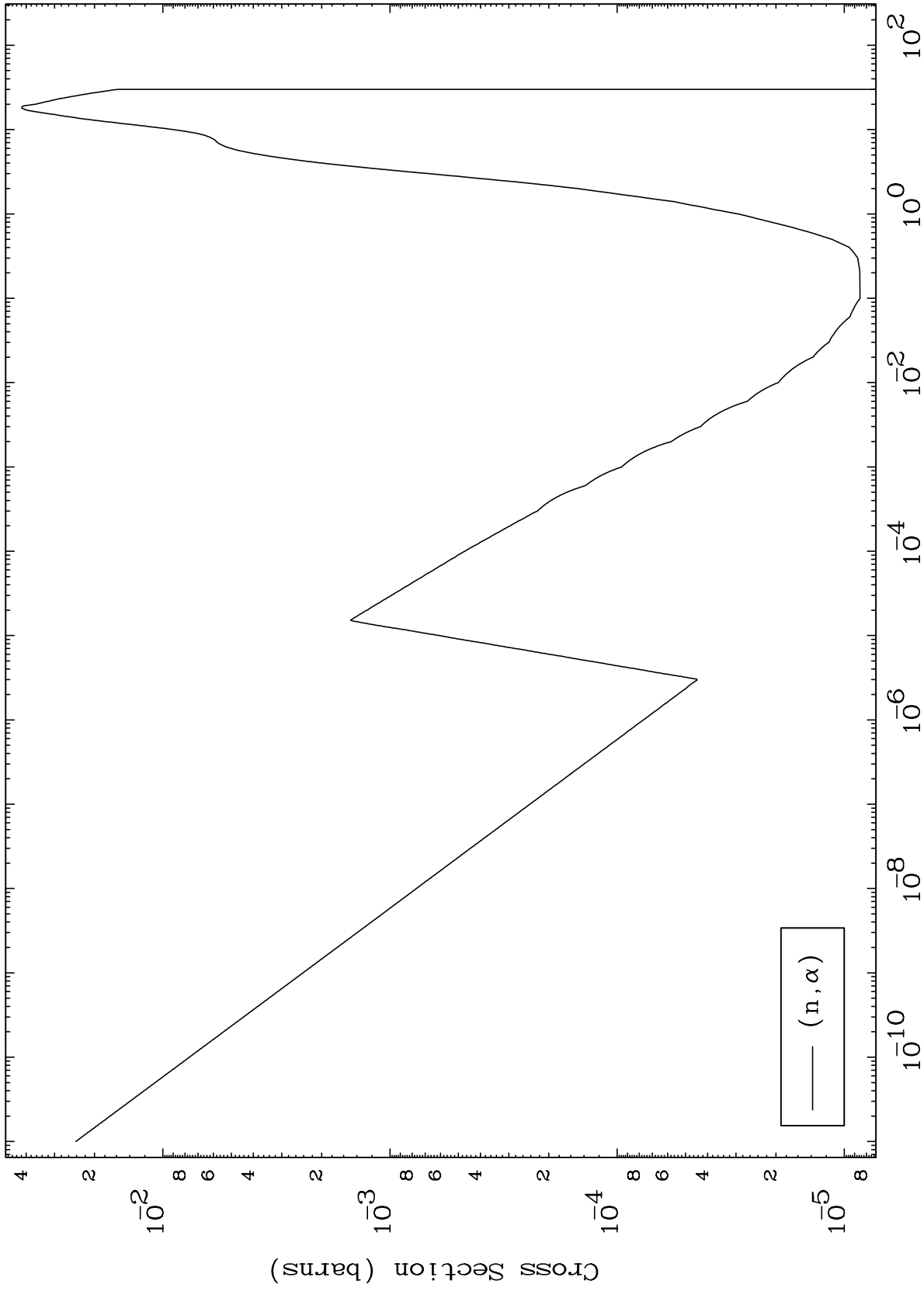
Incident Energy (MeV)

56-Ba-126

MAT 5613

(n,α) Levels
293 Kelvin Cross Sections

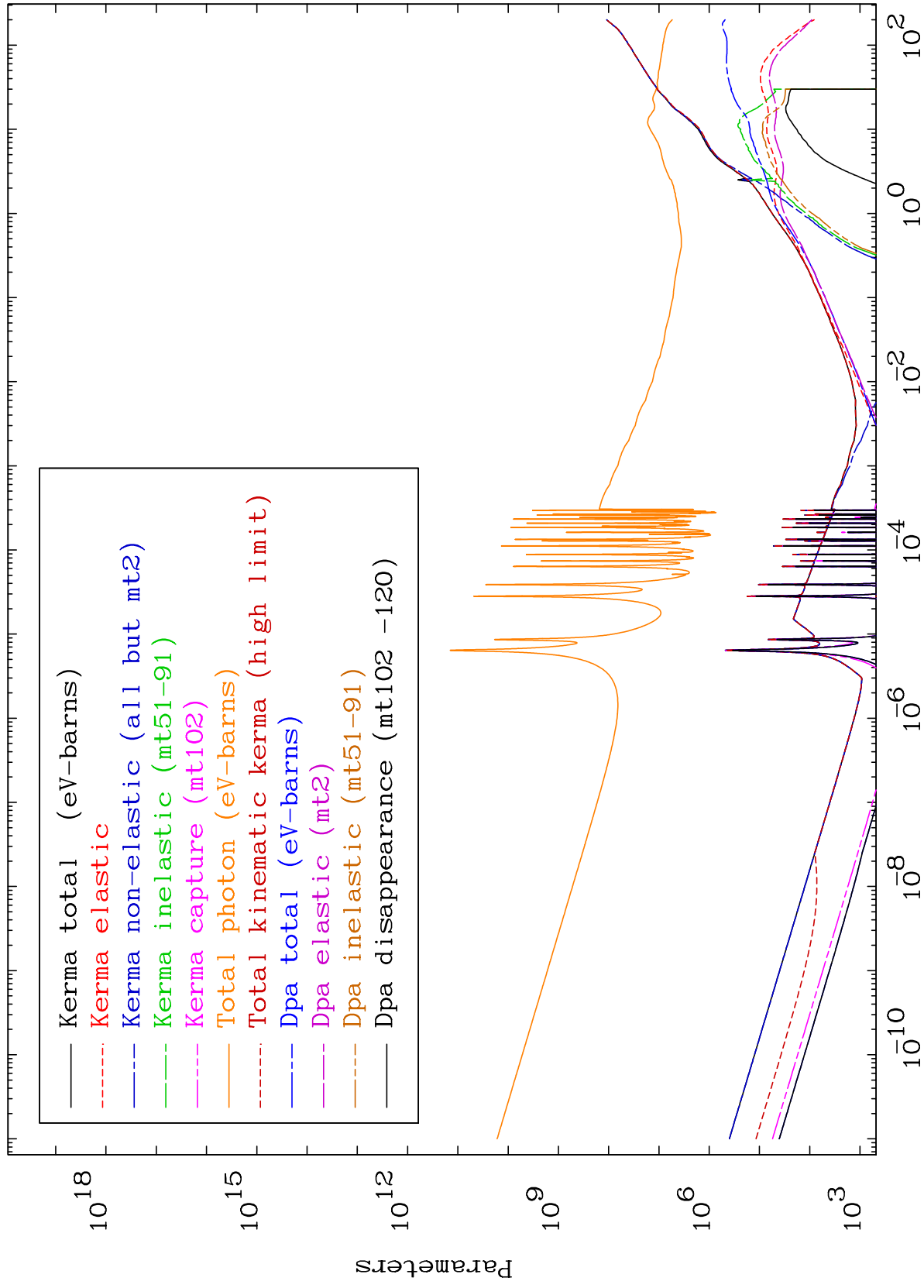
56-Ba-126



14

Incident Energy (MeV)

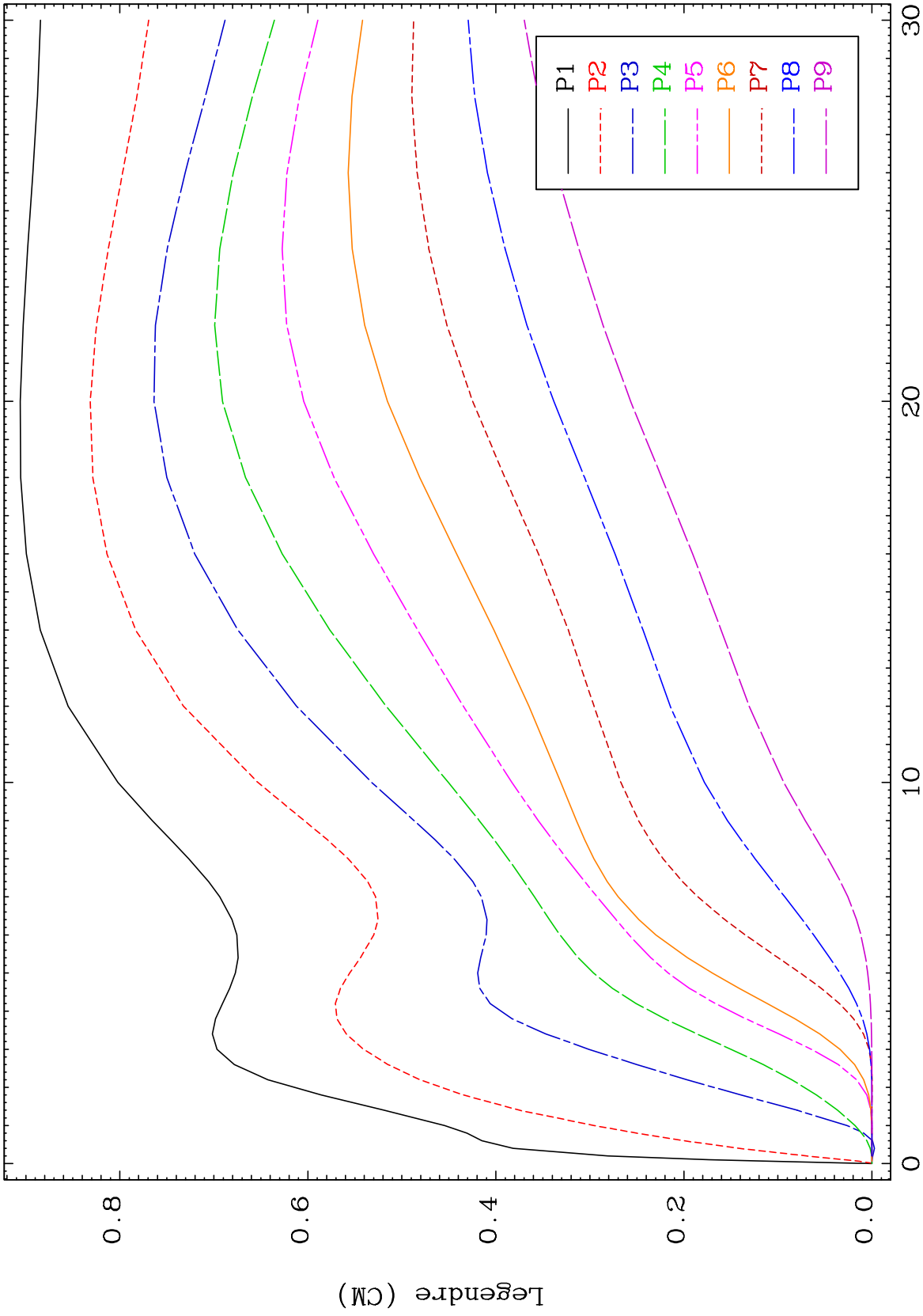
56-Ba-126



MAT 5613

Elastic Legendre Coefficients

56-Ba-126



16

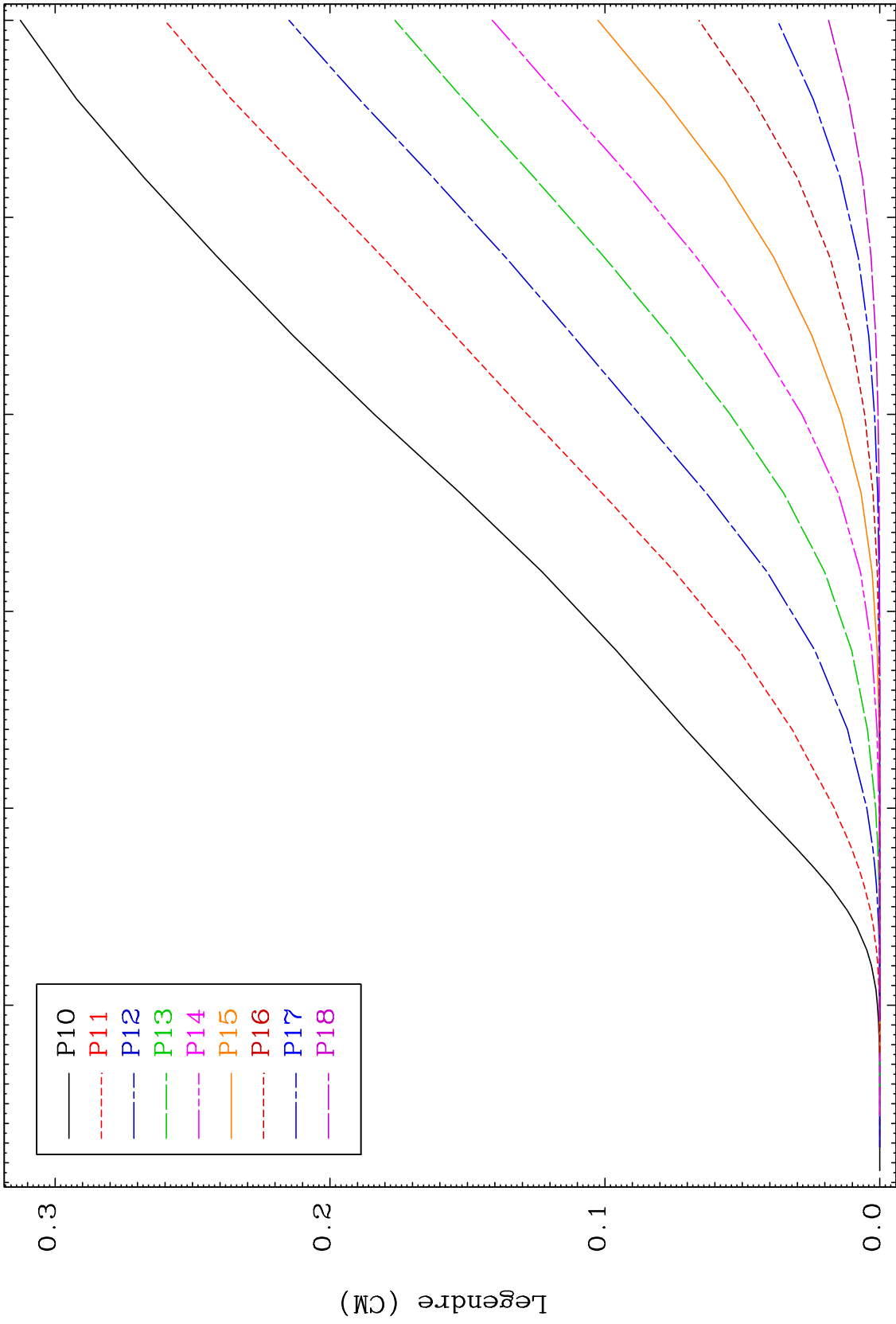
Incident Energy (MeV)

56-Ba-126

MAT 5613

Elastic Legendre Coefficients

56-Ba-126



17

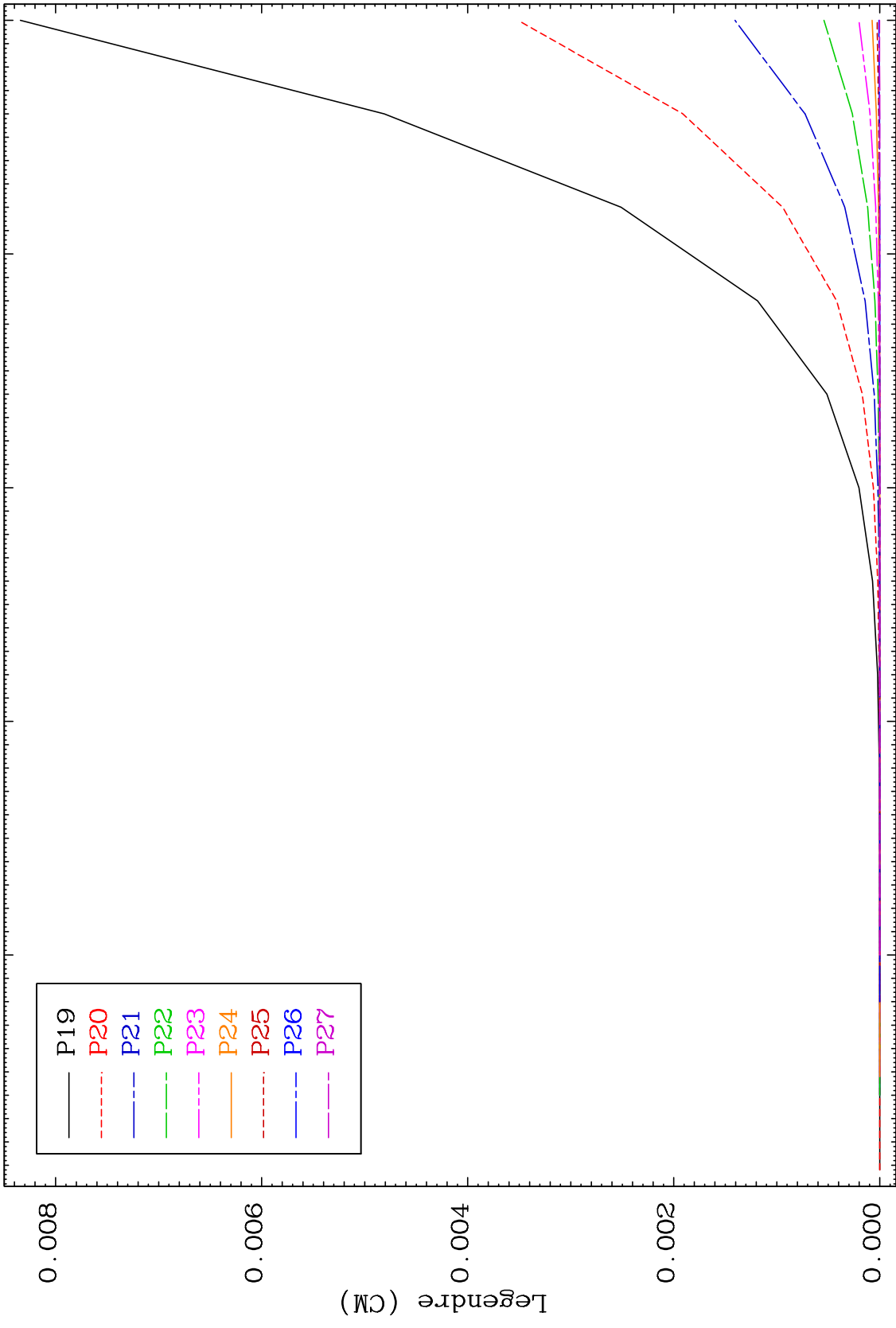
Incident Energy (MeV)

56-Ba-126

MAT 5613

Elastic Legendre Coefficients

56-Ba-126



18

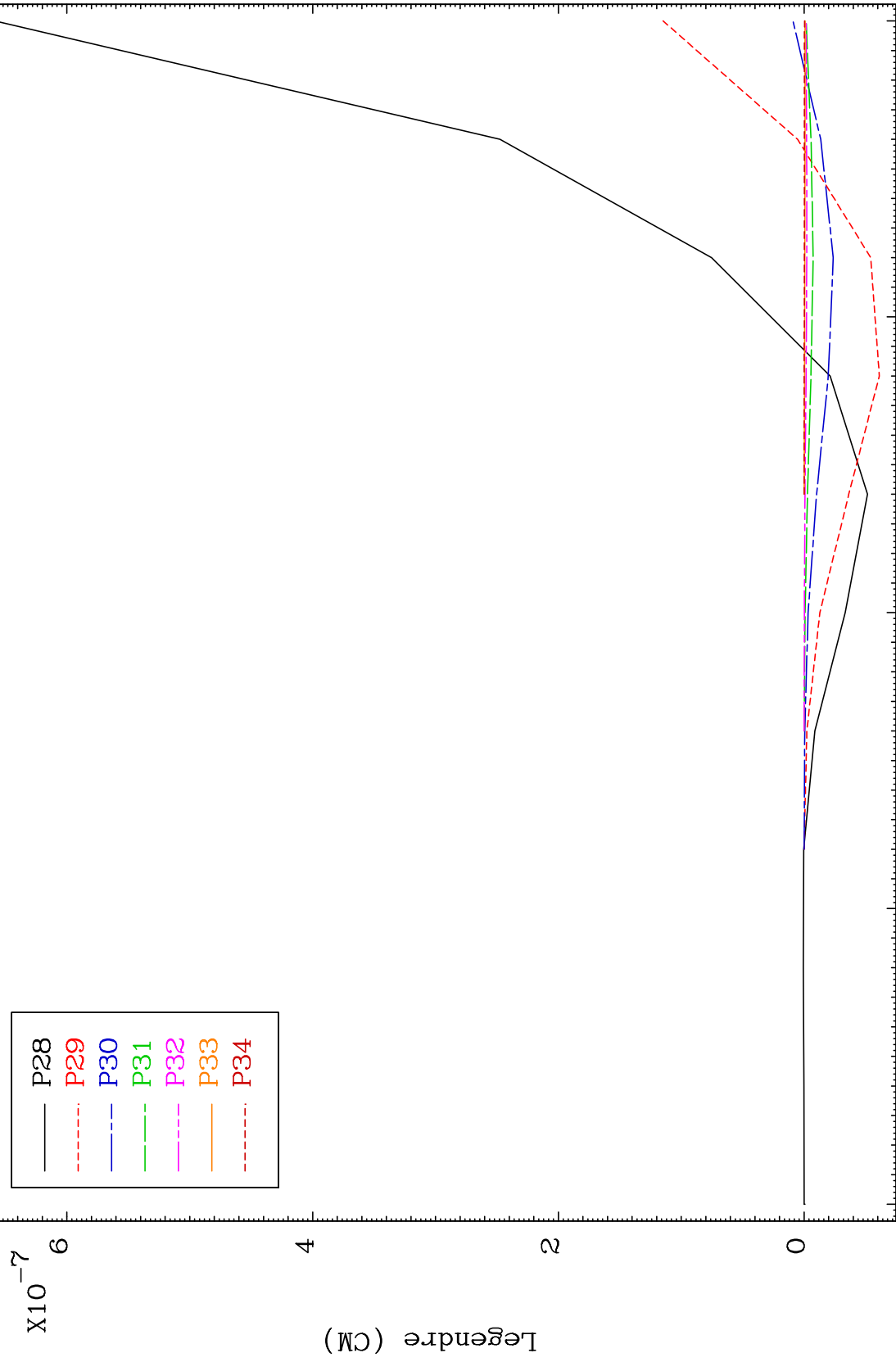
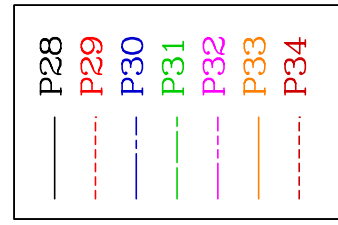
Incident Energy (MeV)

56-Ba-126

MAT 5613

Elastic Legendre Coefficients

56-Ba-126



10

15

20

25

30

56-Ba-126

Legendre (CM)

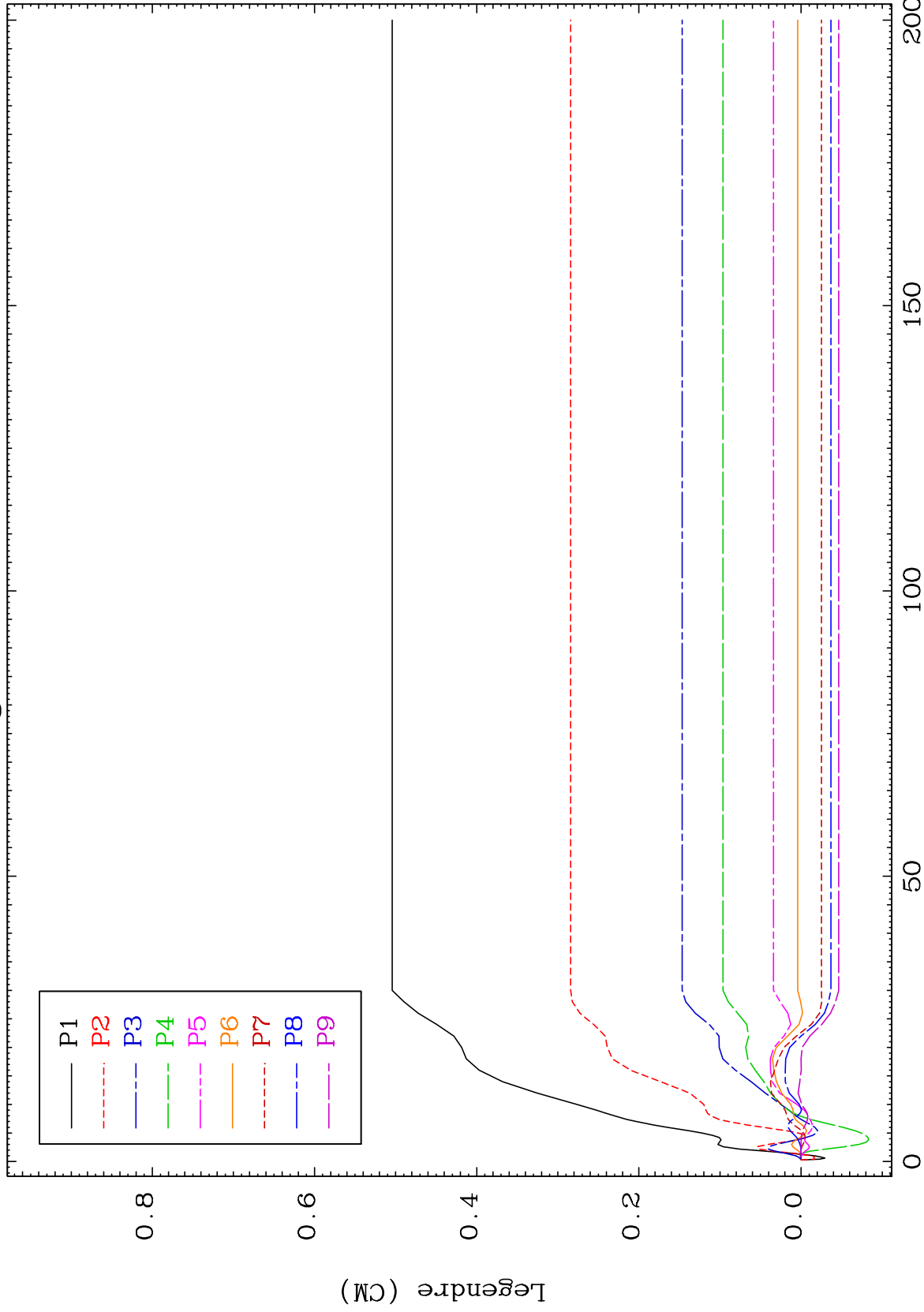
$\times 10^{-7}$

Incident Energy (MeV)

MAT 5613

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

56-Ba-126



20

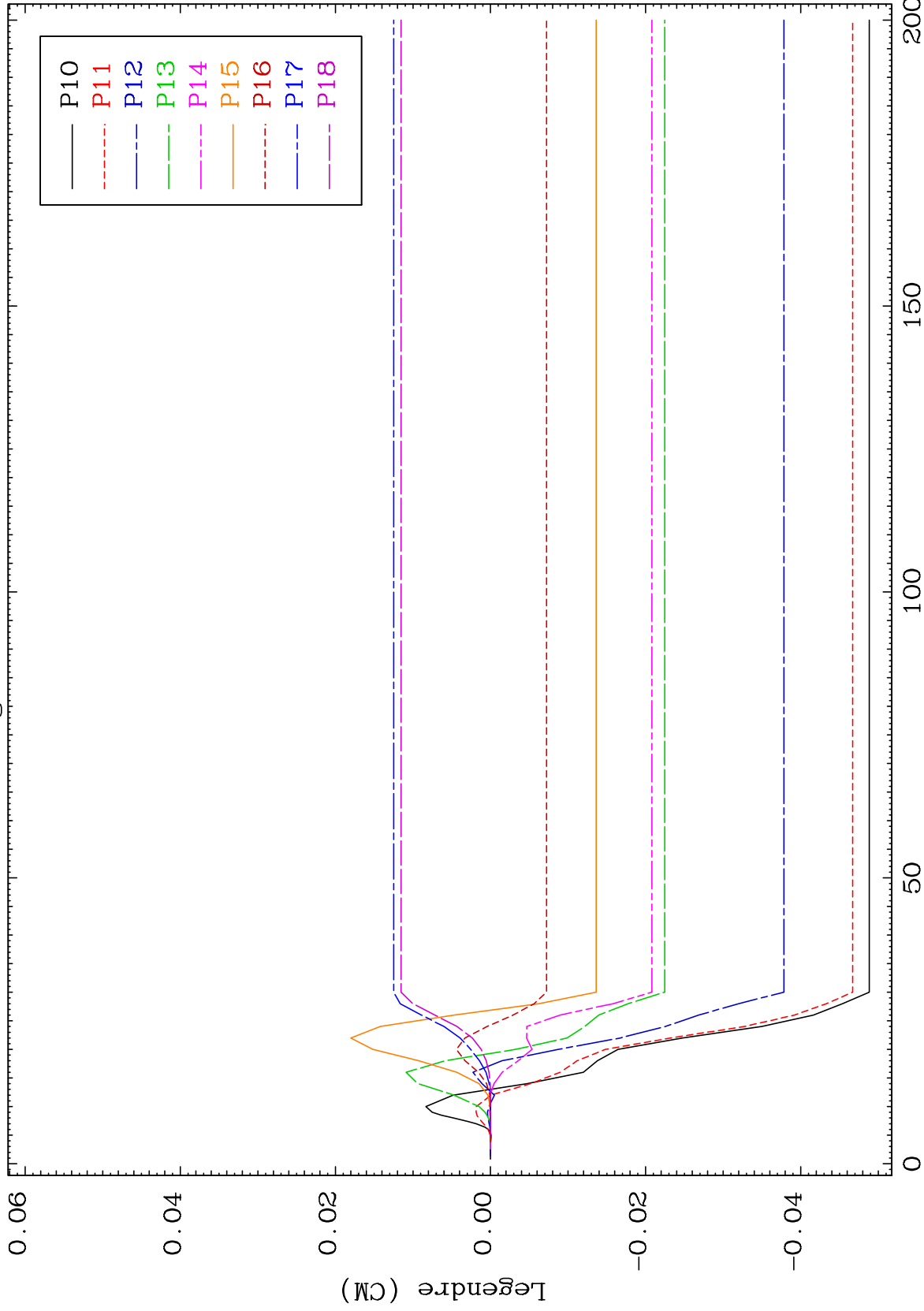
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



21

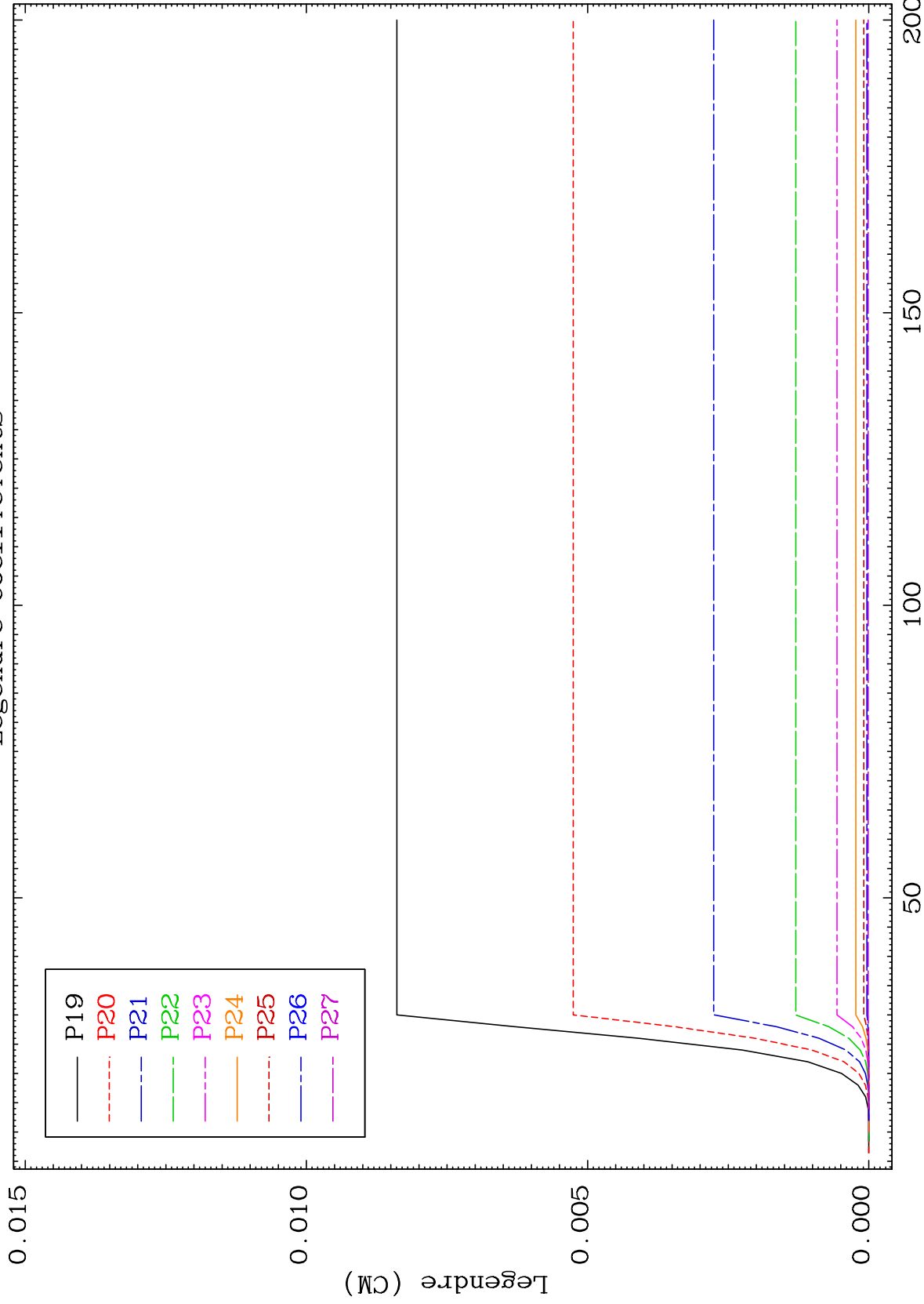
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



22

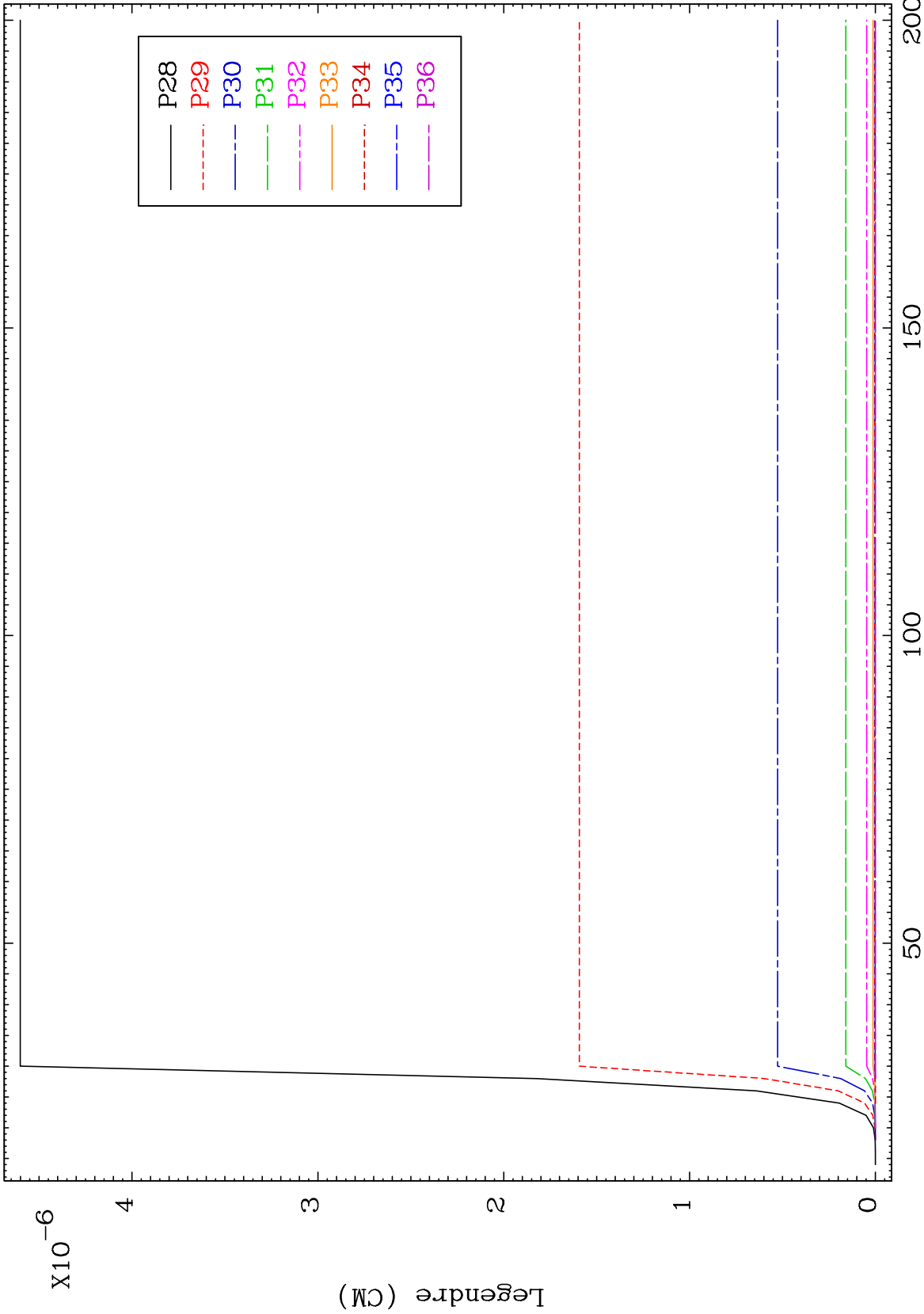
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



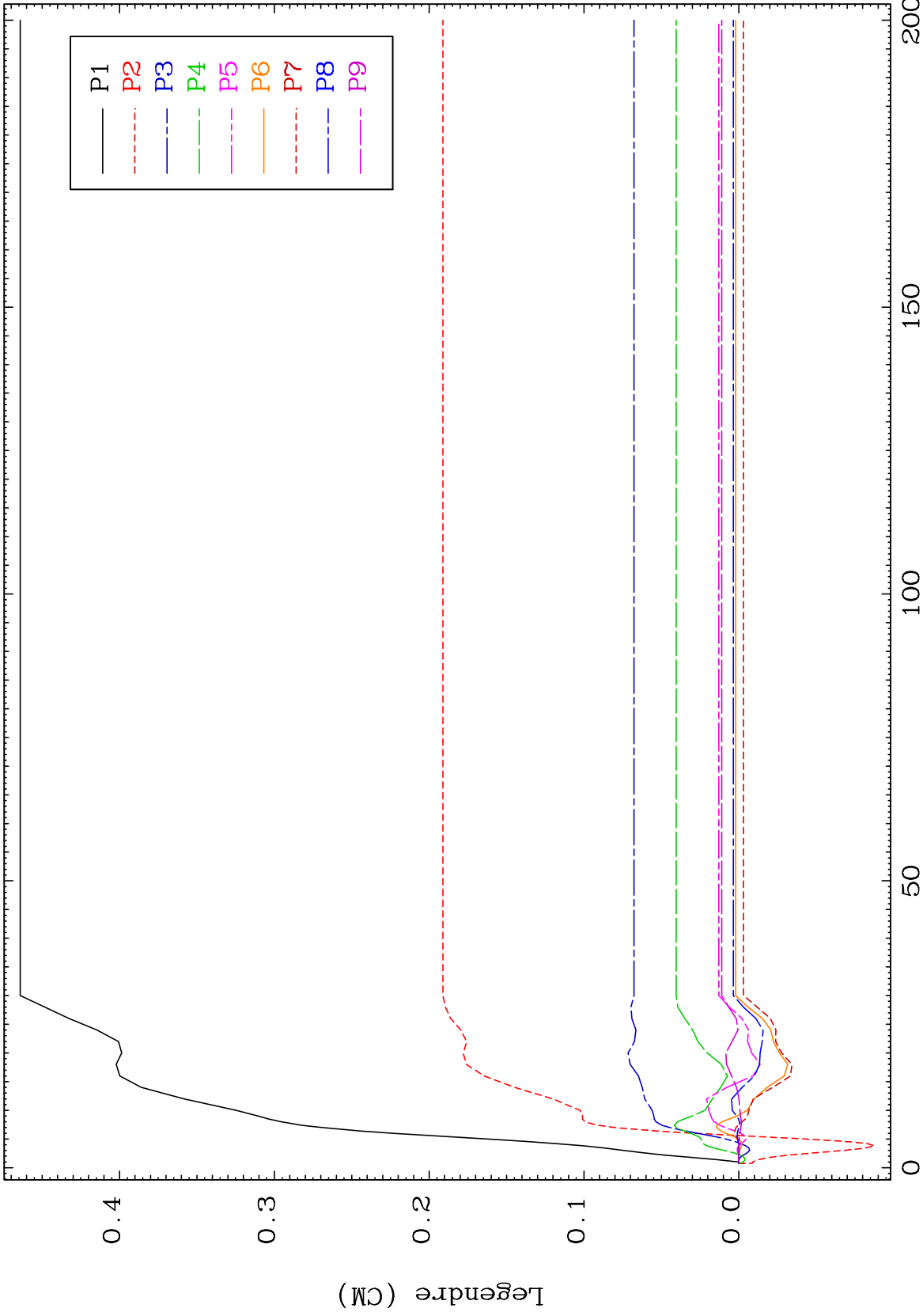
23

56-Ba-126

MAT 5613

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

56-Ba-126



24

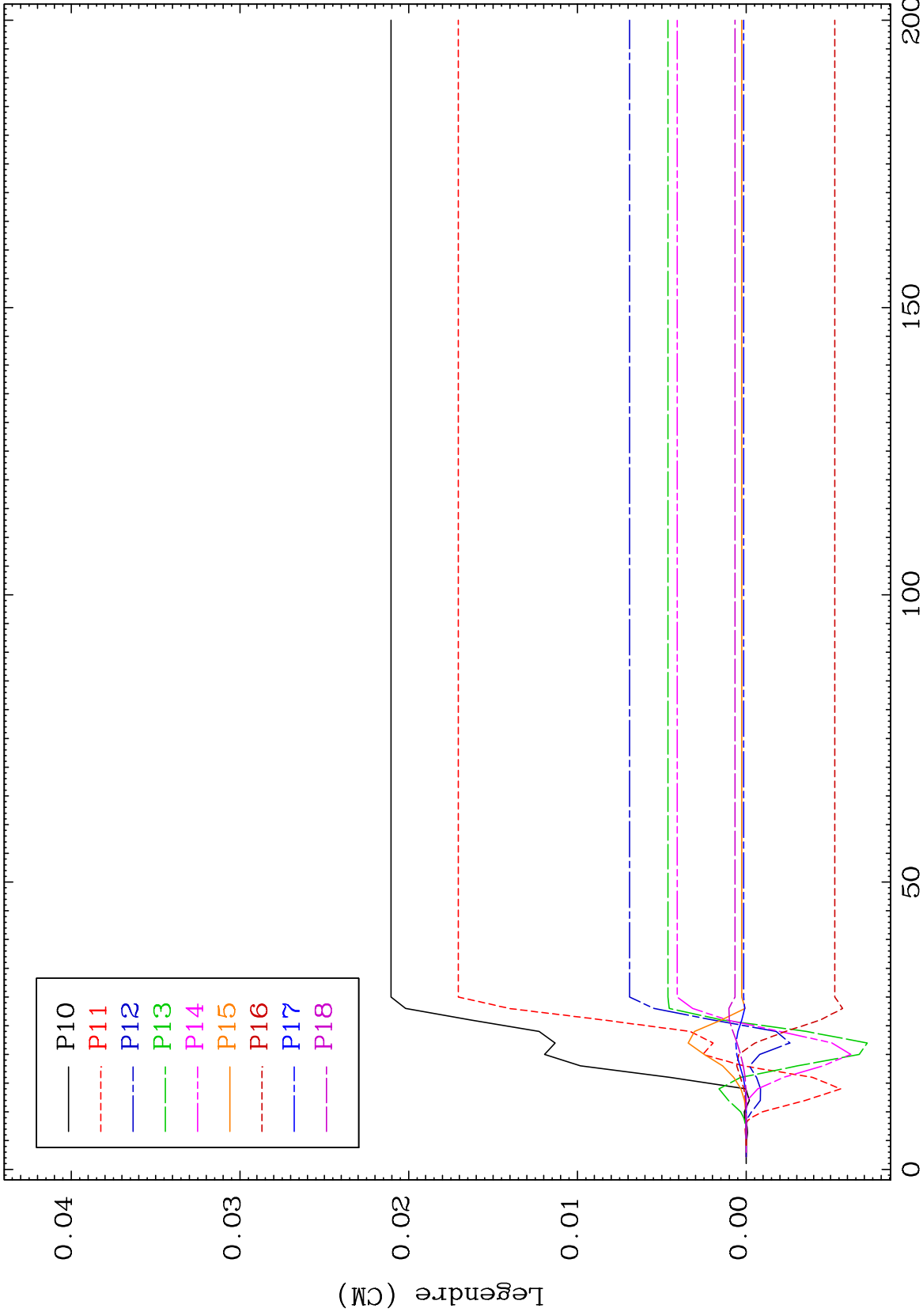
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



25

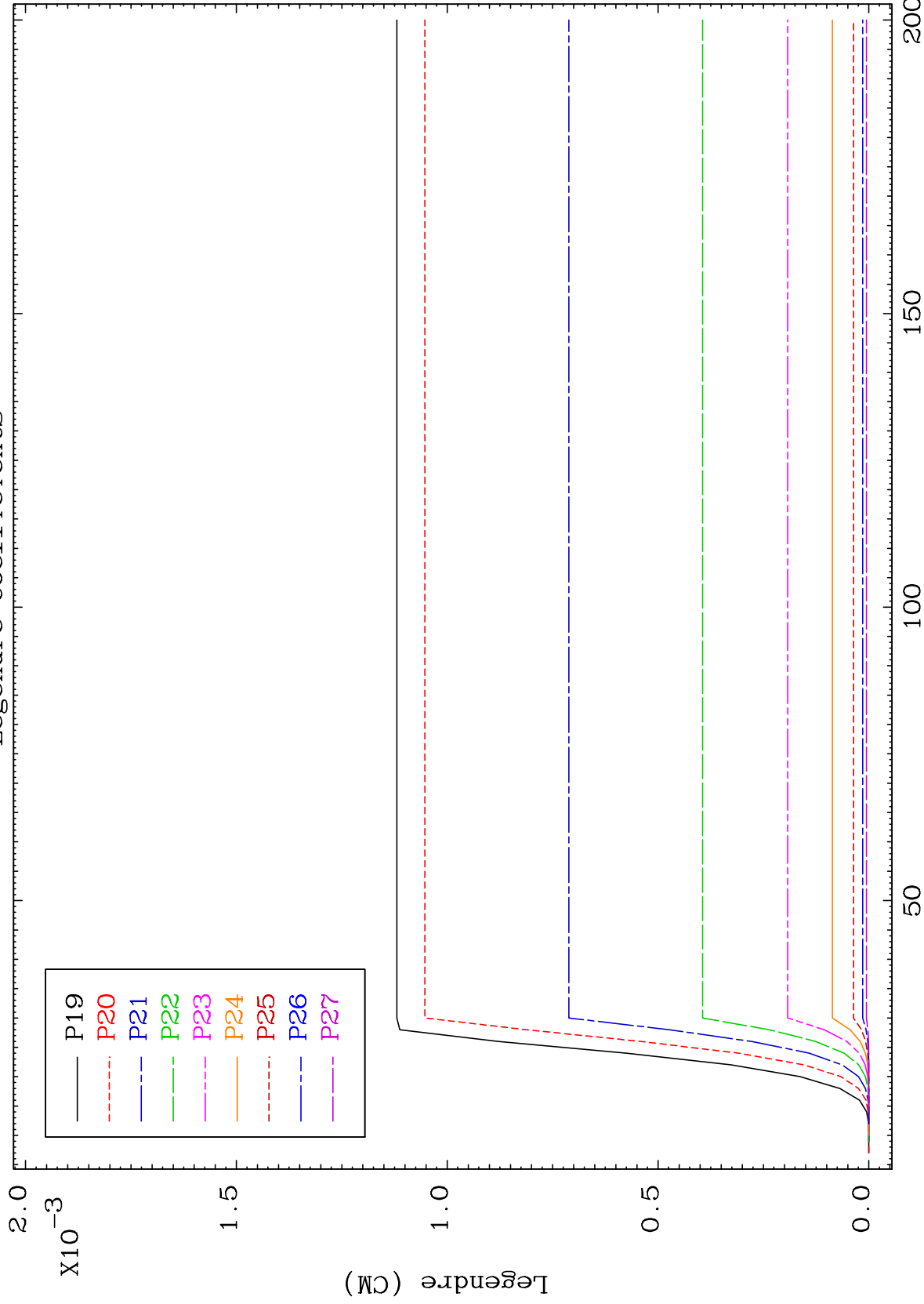
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



26

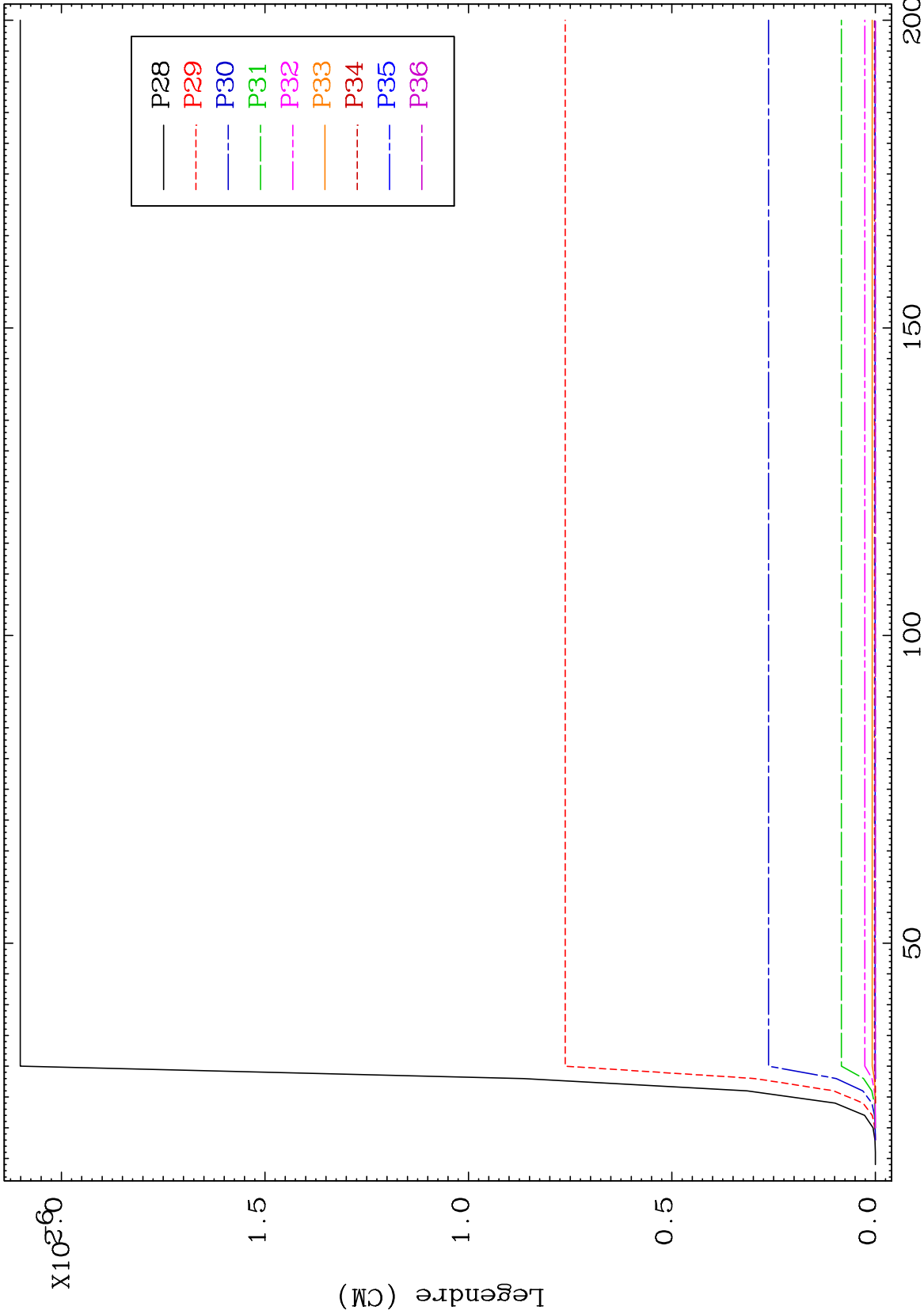
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



27

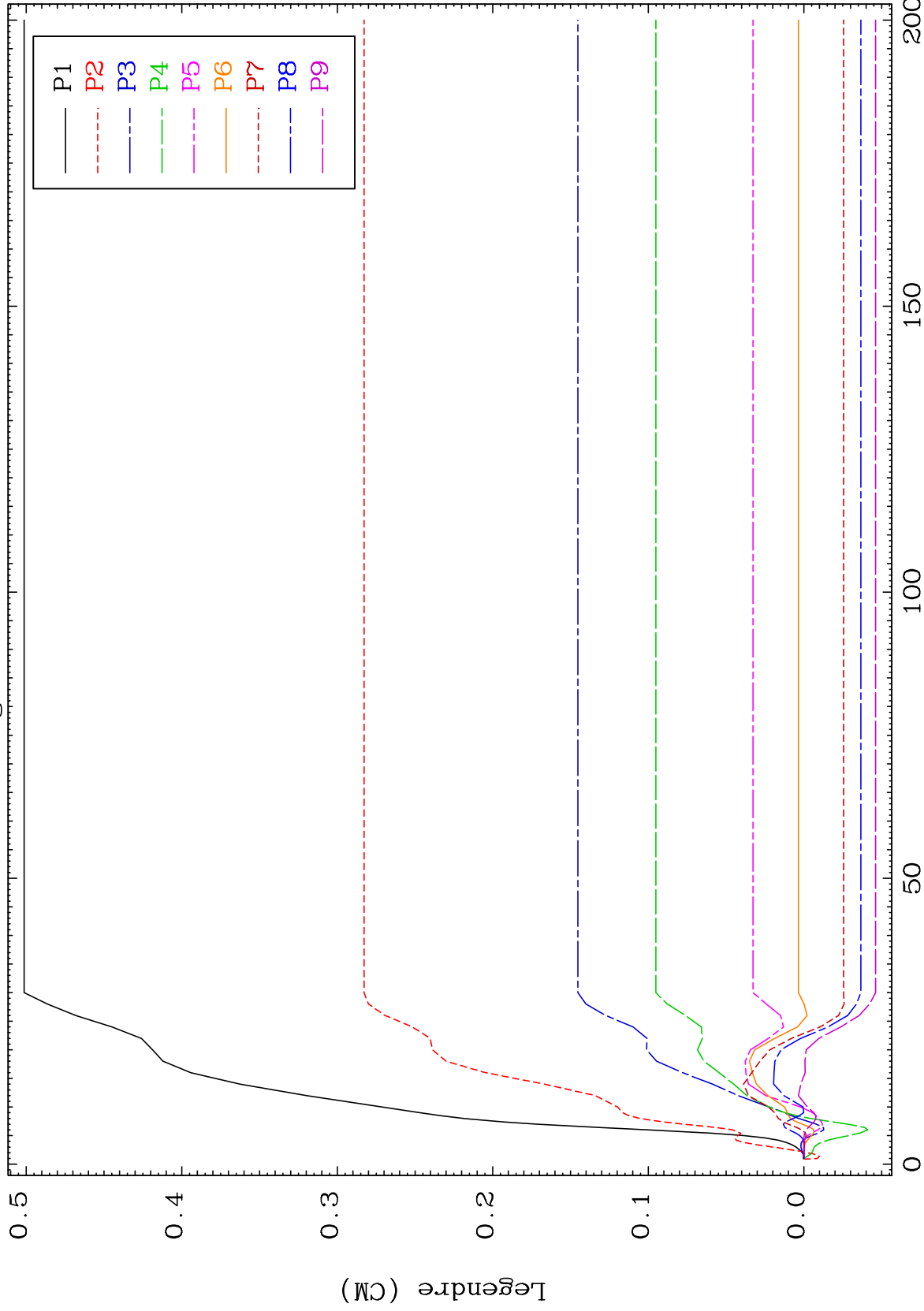
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



28

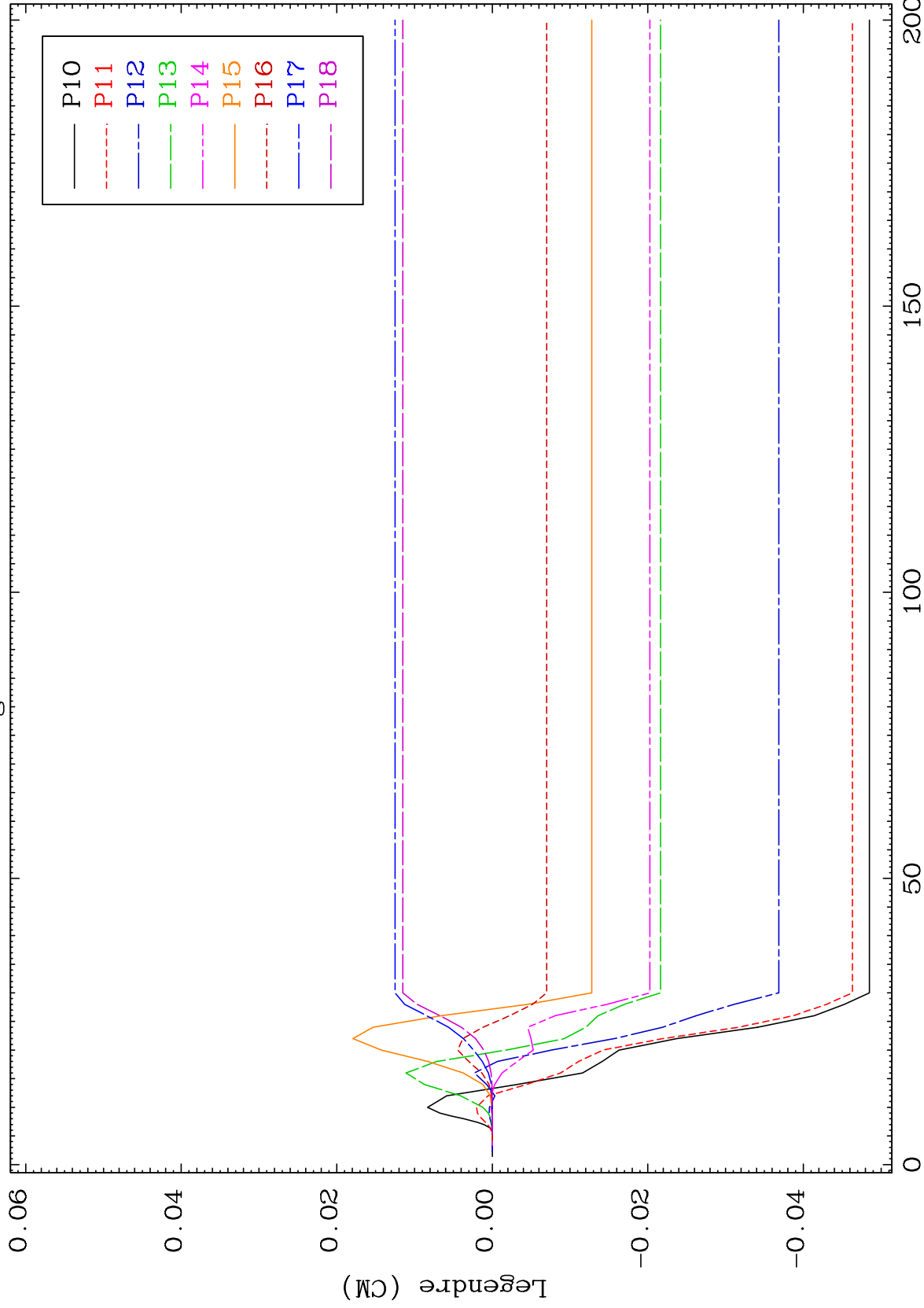
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



29

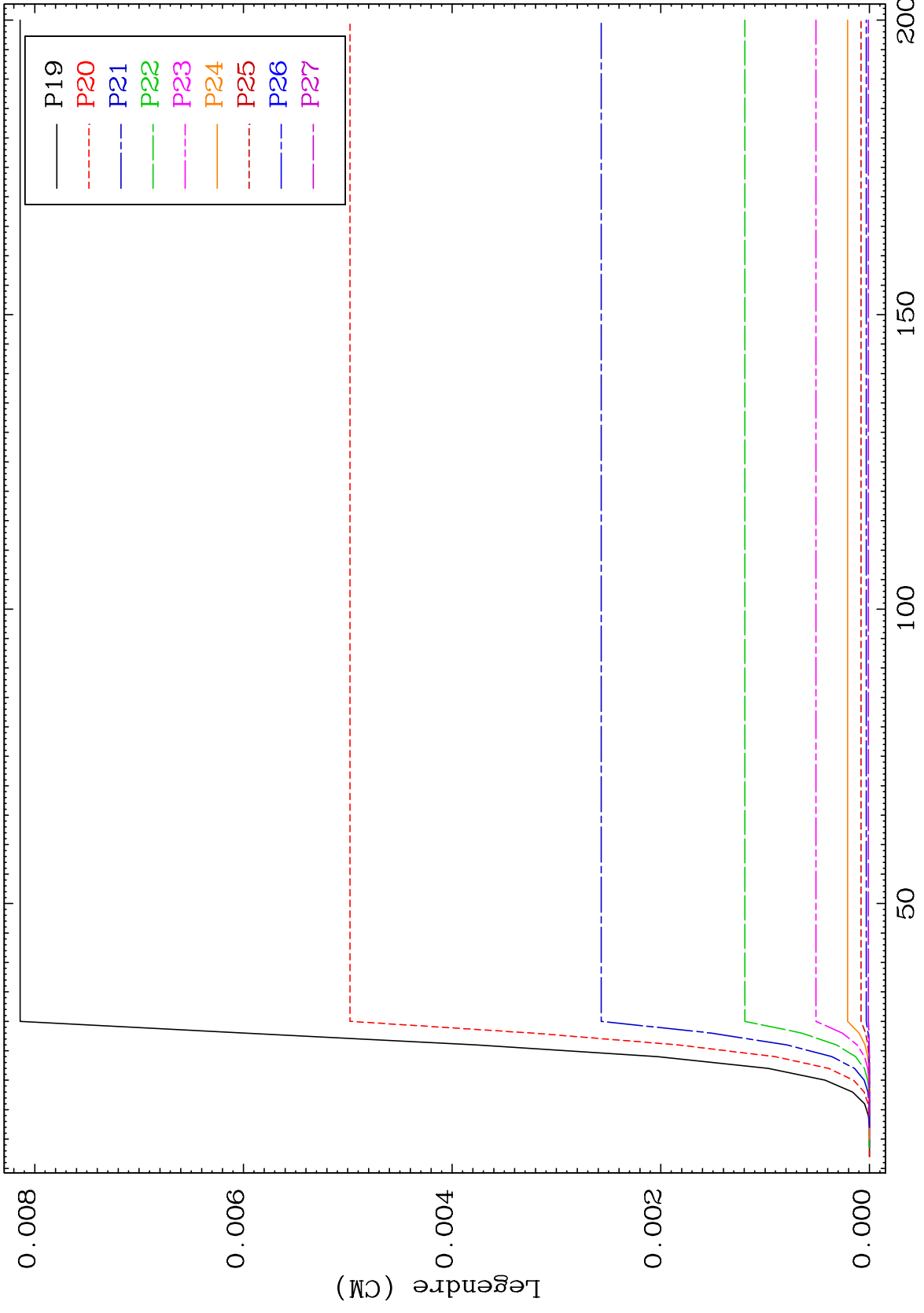
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



30

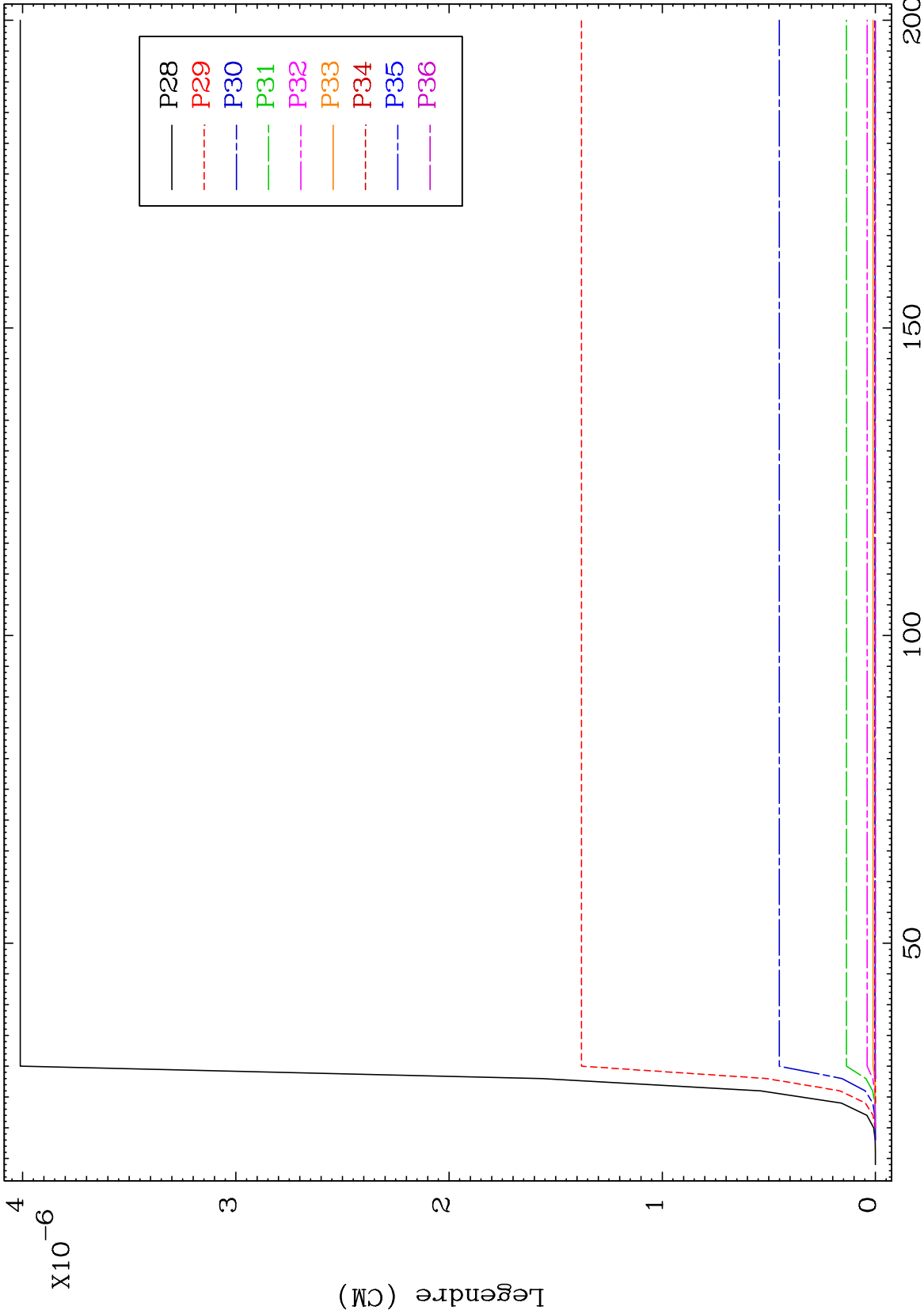
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



31

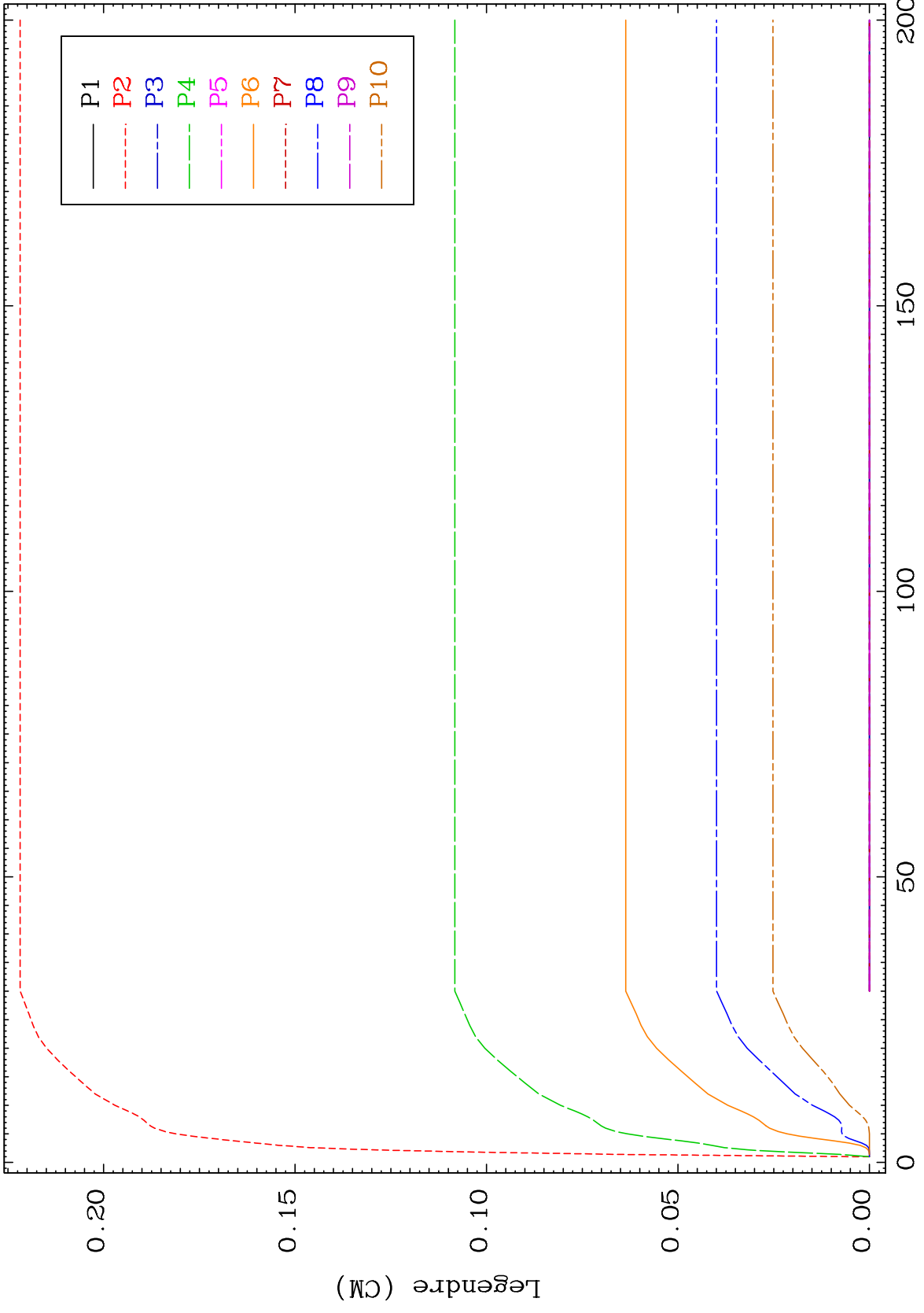
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126

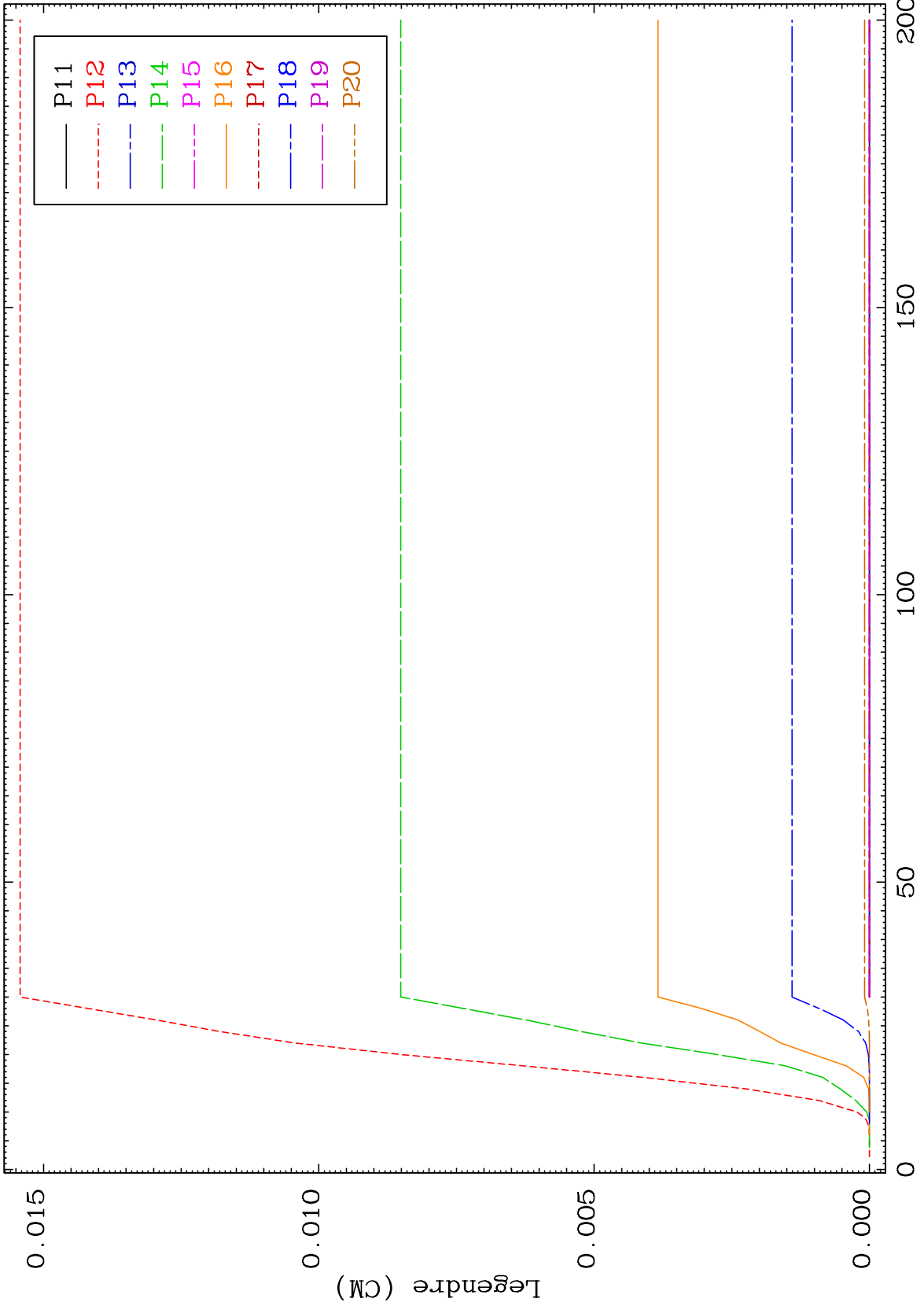


32

Incident Energy (MeV)

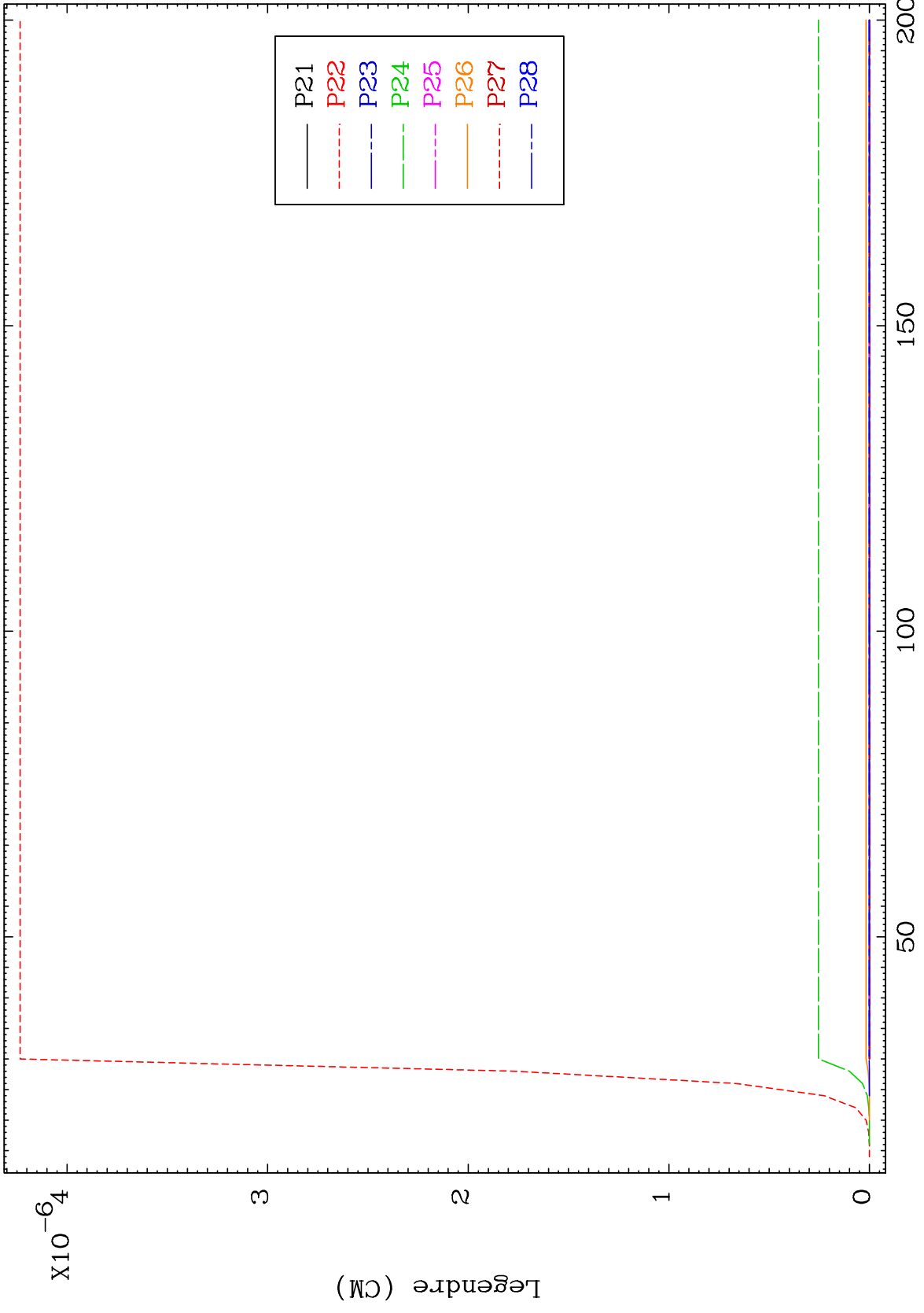
56-Ba-126

MAT 5613 MT= 54 (n,n') Level Legendre Coefficients 56-Ba-126



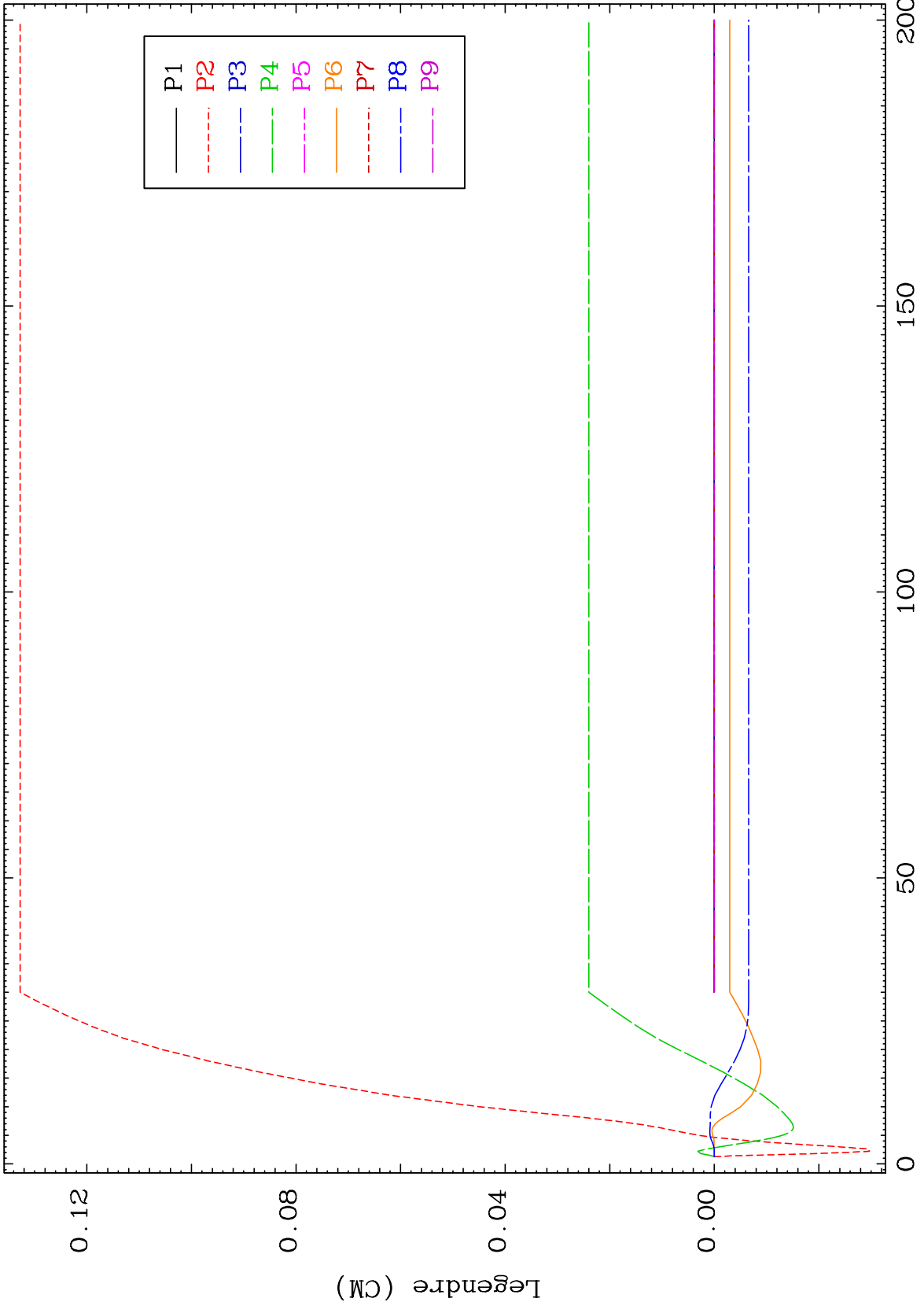
33 Incident Energy (MeV) 56-Ba-126

MAT 5613 MT= 54 (n,n') Level Legendre Coefficients 56-Ba-126



34 50 100 150 200 56-Ba-126

MAT 5613 MT= 55 (n,n') Level Legendre Coefficients 56-Ba-126

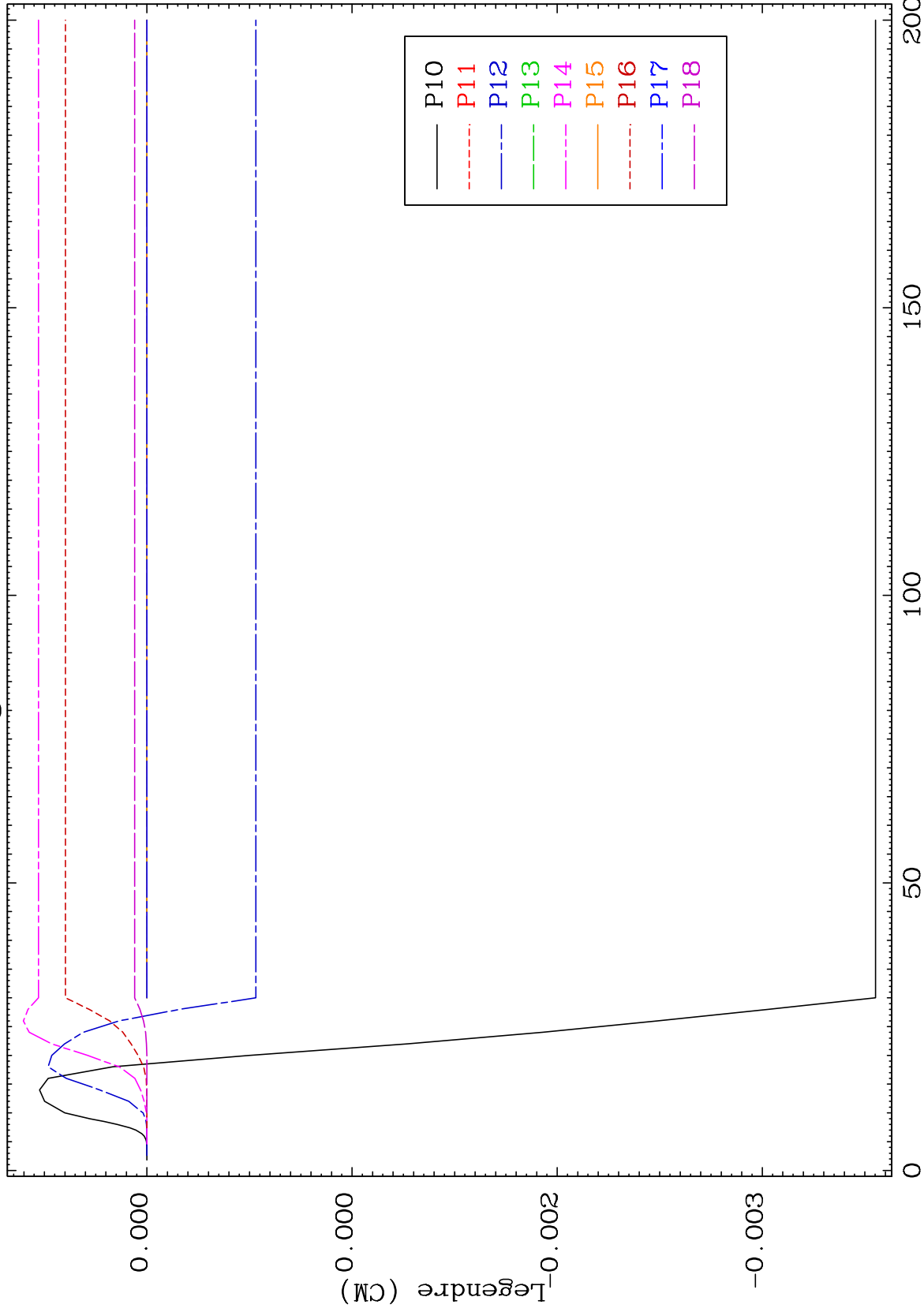


35 Incident Energy (MeV) 56-Ba-126

MAT 5613

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

56-Ba-126



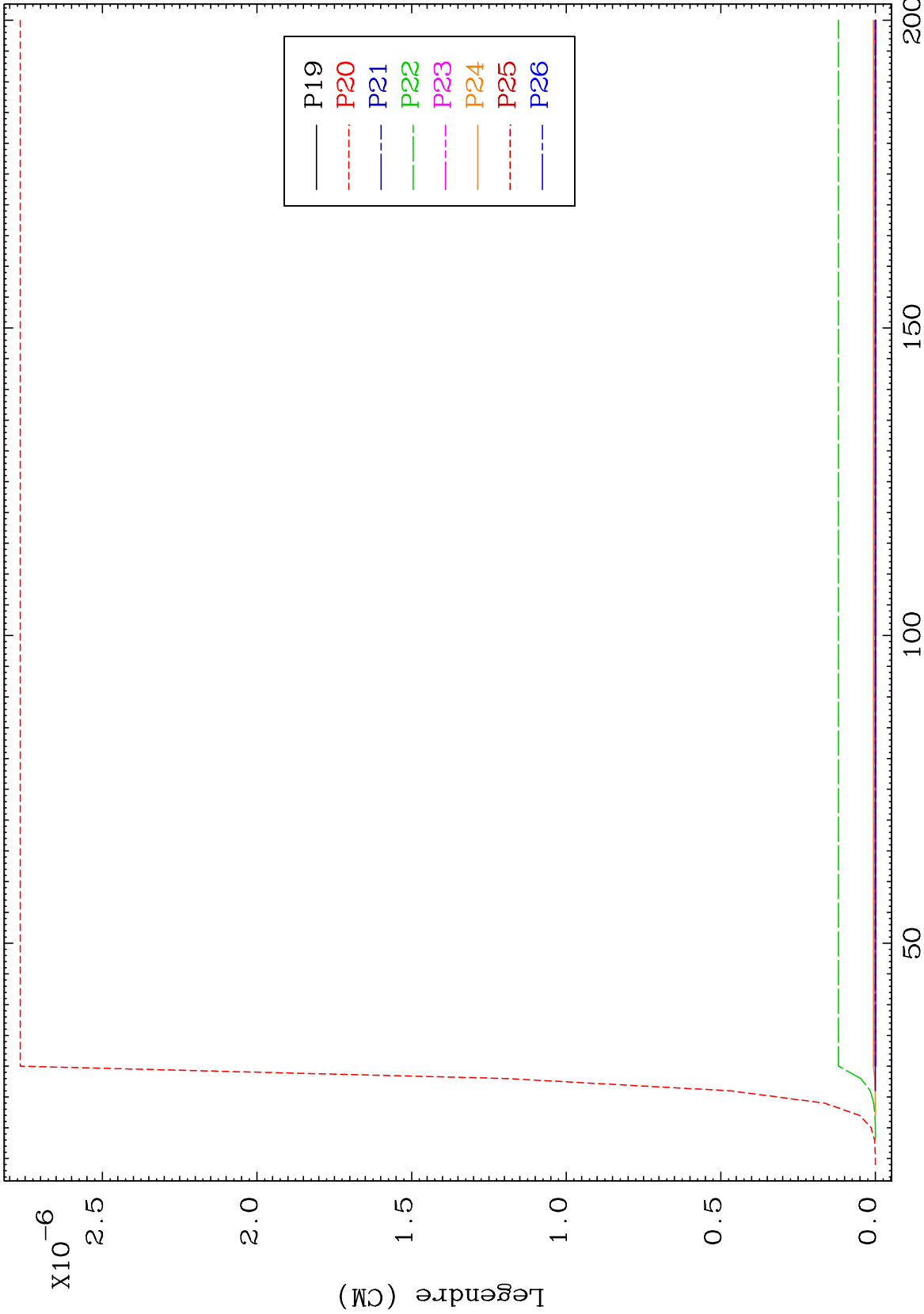
36

56-Ba-126

MAT 5613

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

56-Ba-126

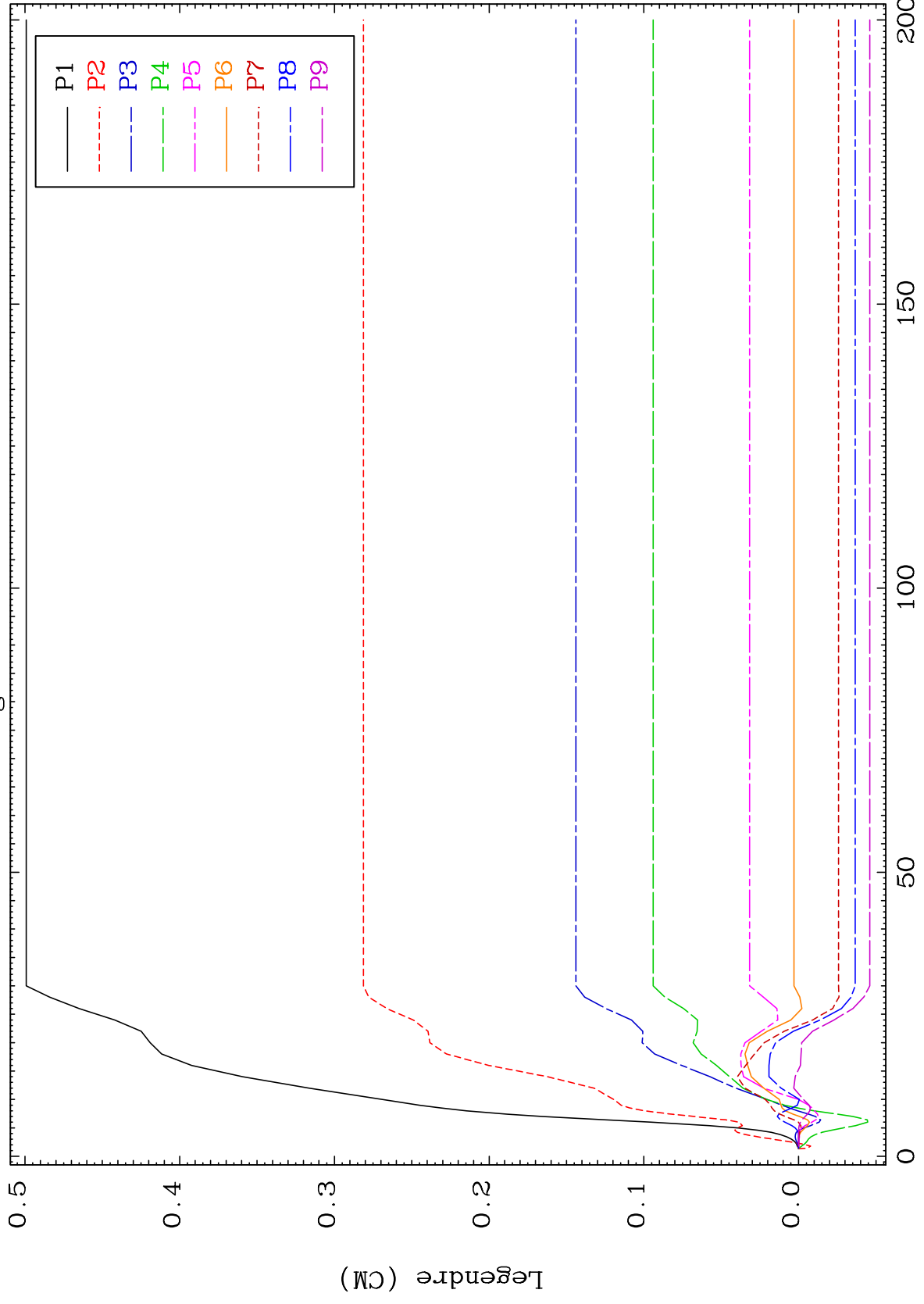


37

Incident Energy (MeV)

56-Ba-126

MAT 5613 MT= 56 (n,n') Level Legendre Coefficients 56-Ba-126

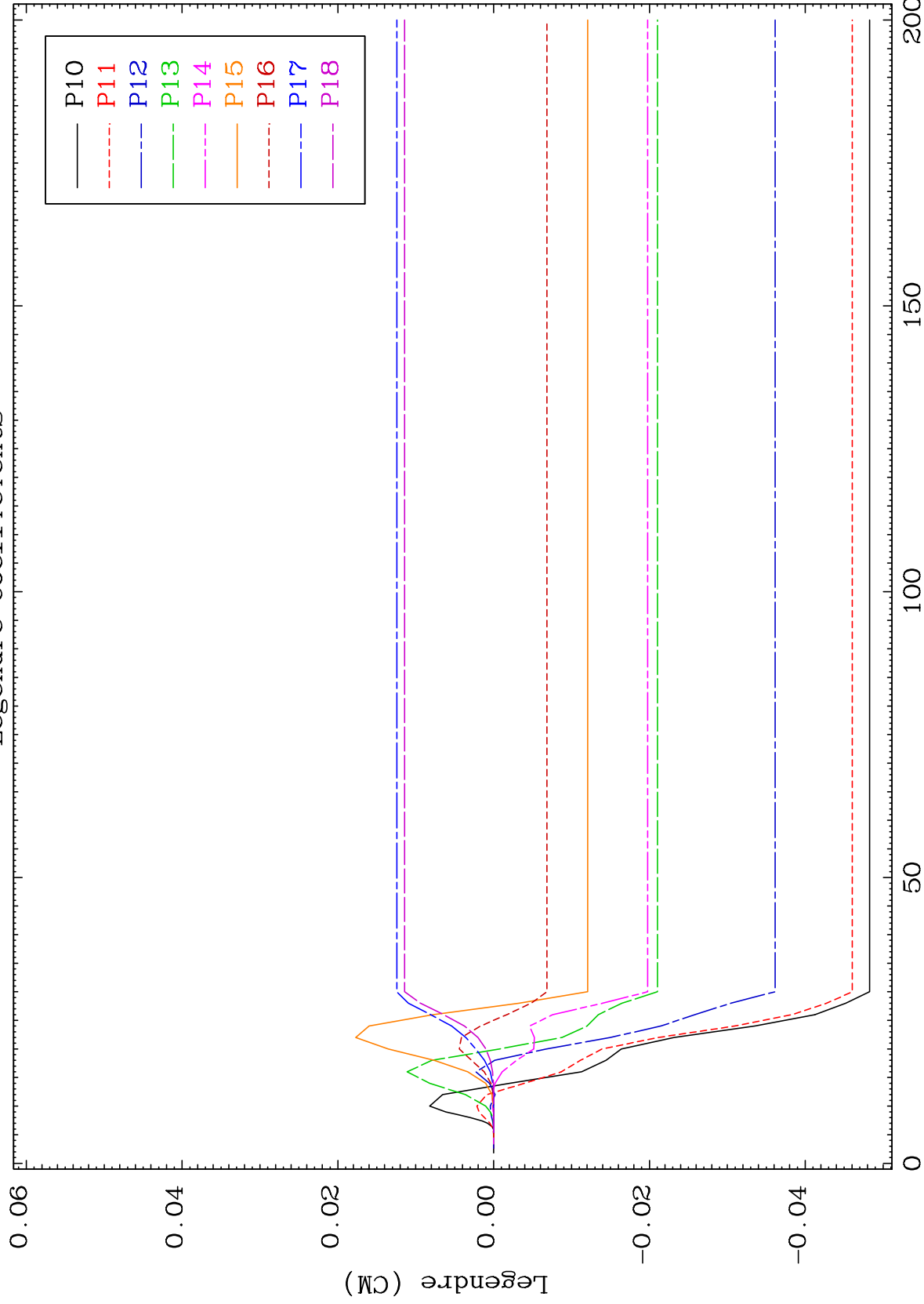


38 56-Ba-126

MAT 5613

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

56-Ba-126

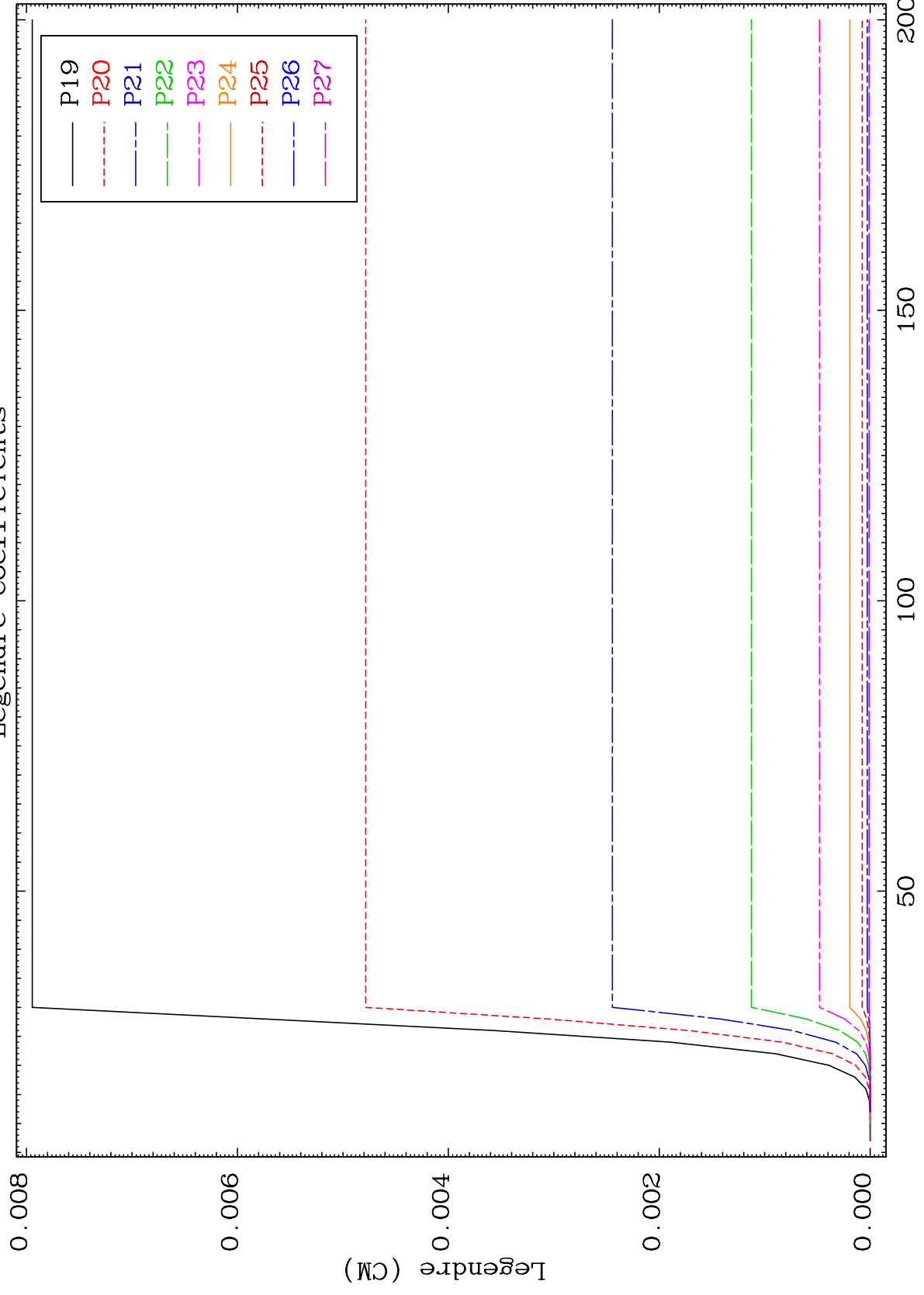


39

Incident Energy (MeV)

56-Ba-126

MAT 5613 MT= 56 (n,n') Level Legendre Coefficients 56-Ba-126

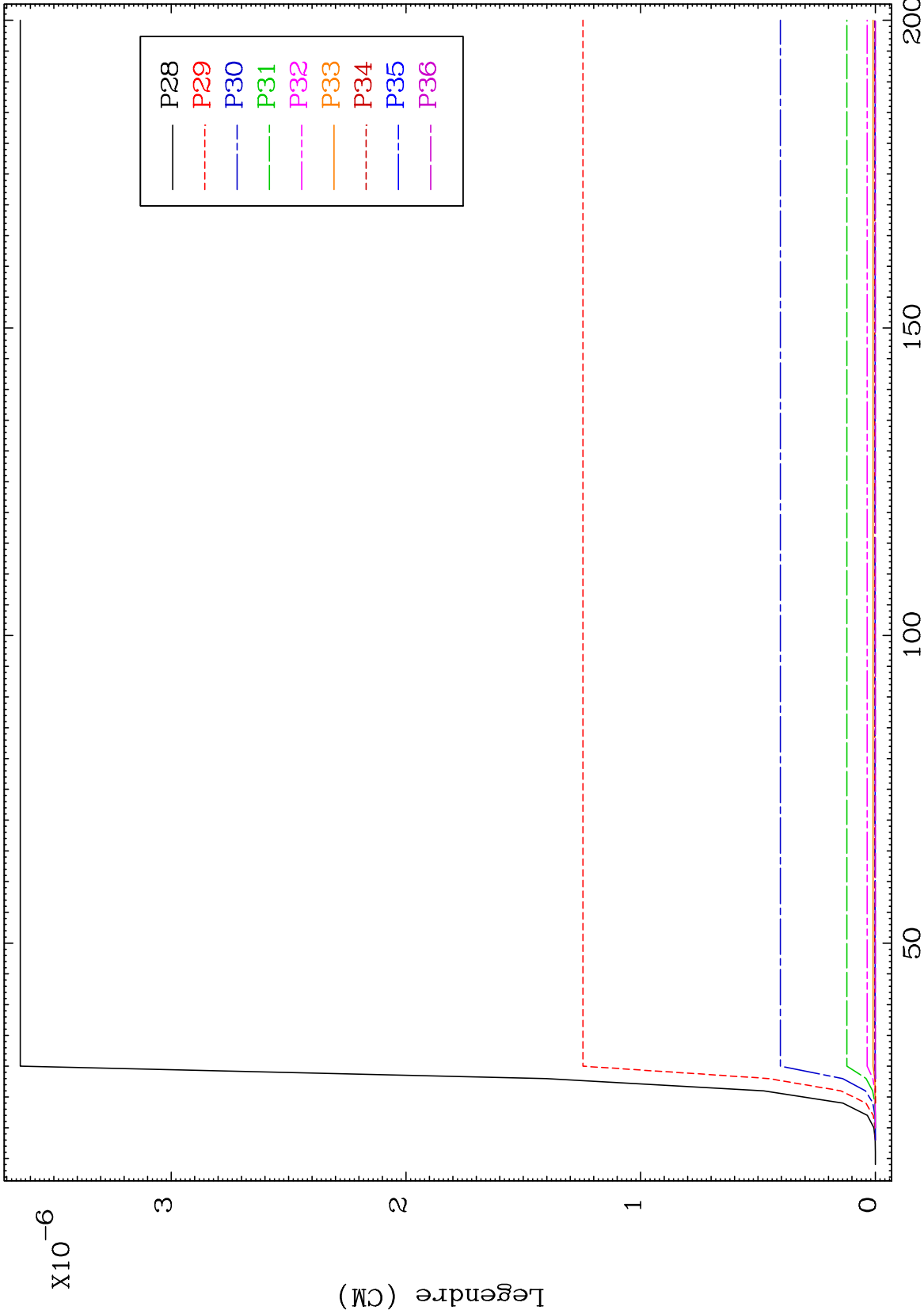


Legendre (CM) Incident Energy (MeV) 56-Ba-126

MAT 5613

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

56-Ba-126



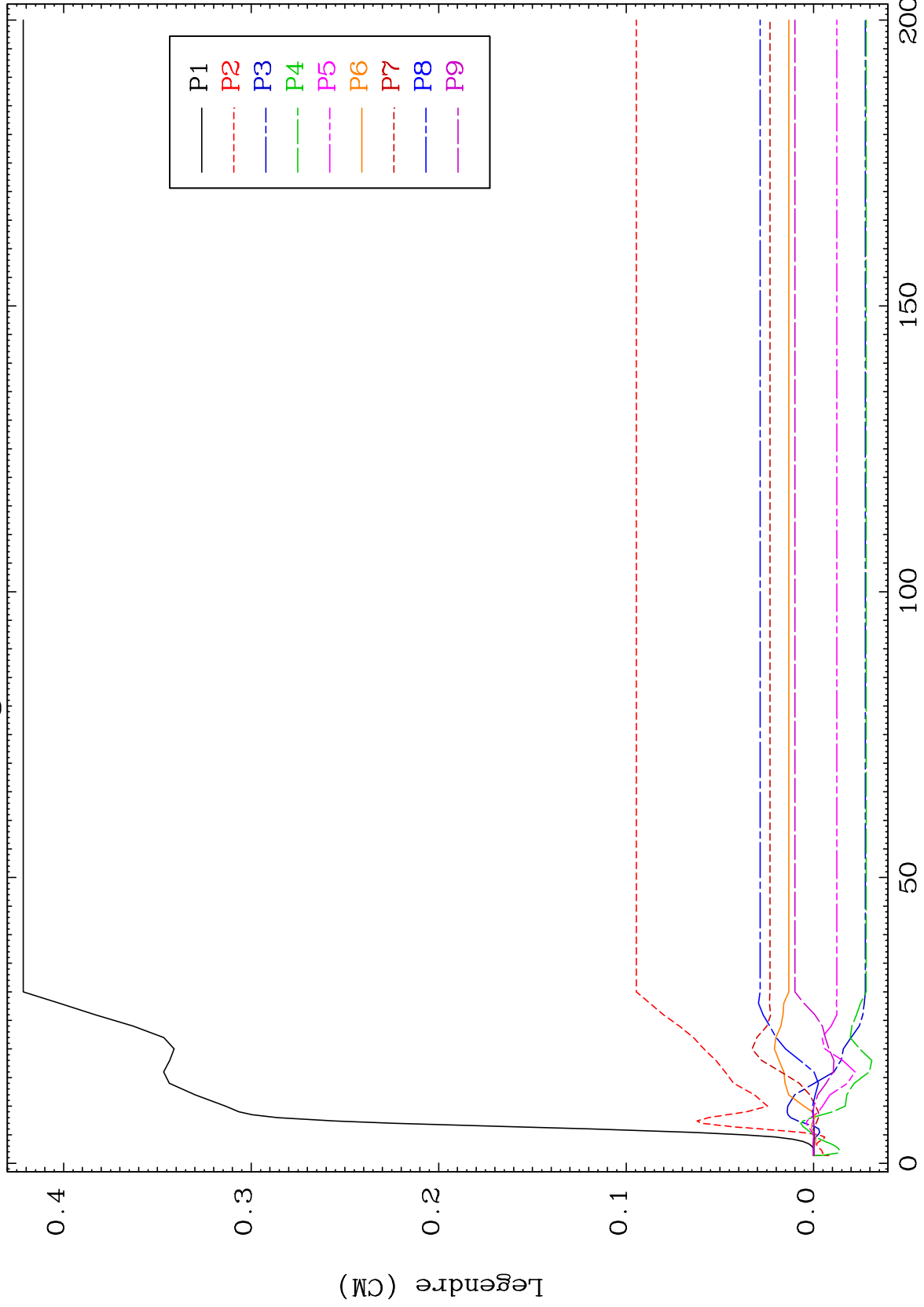
41

56-Ba-126

MAT 5613

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

56-Ba-126



42

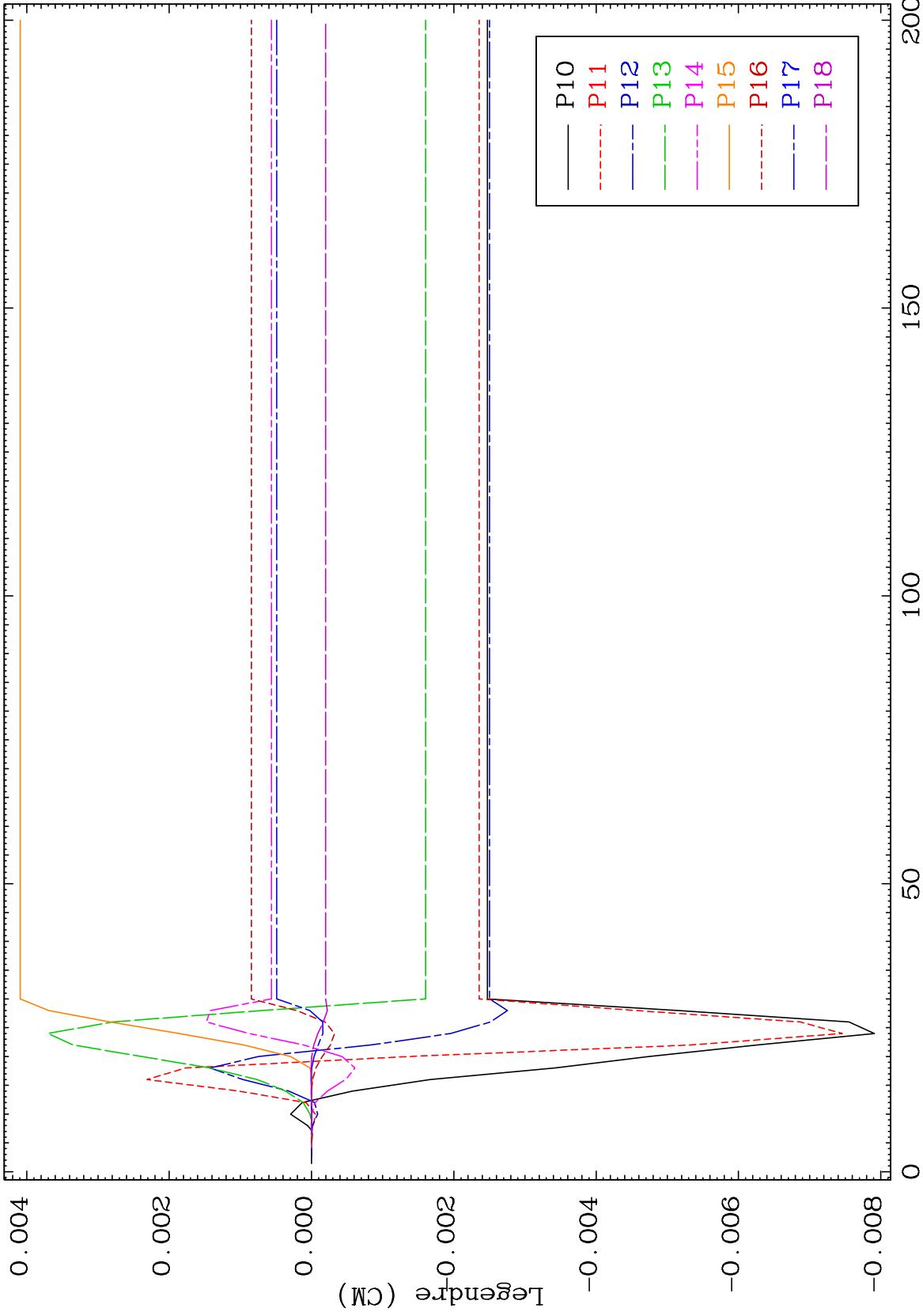
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



43

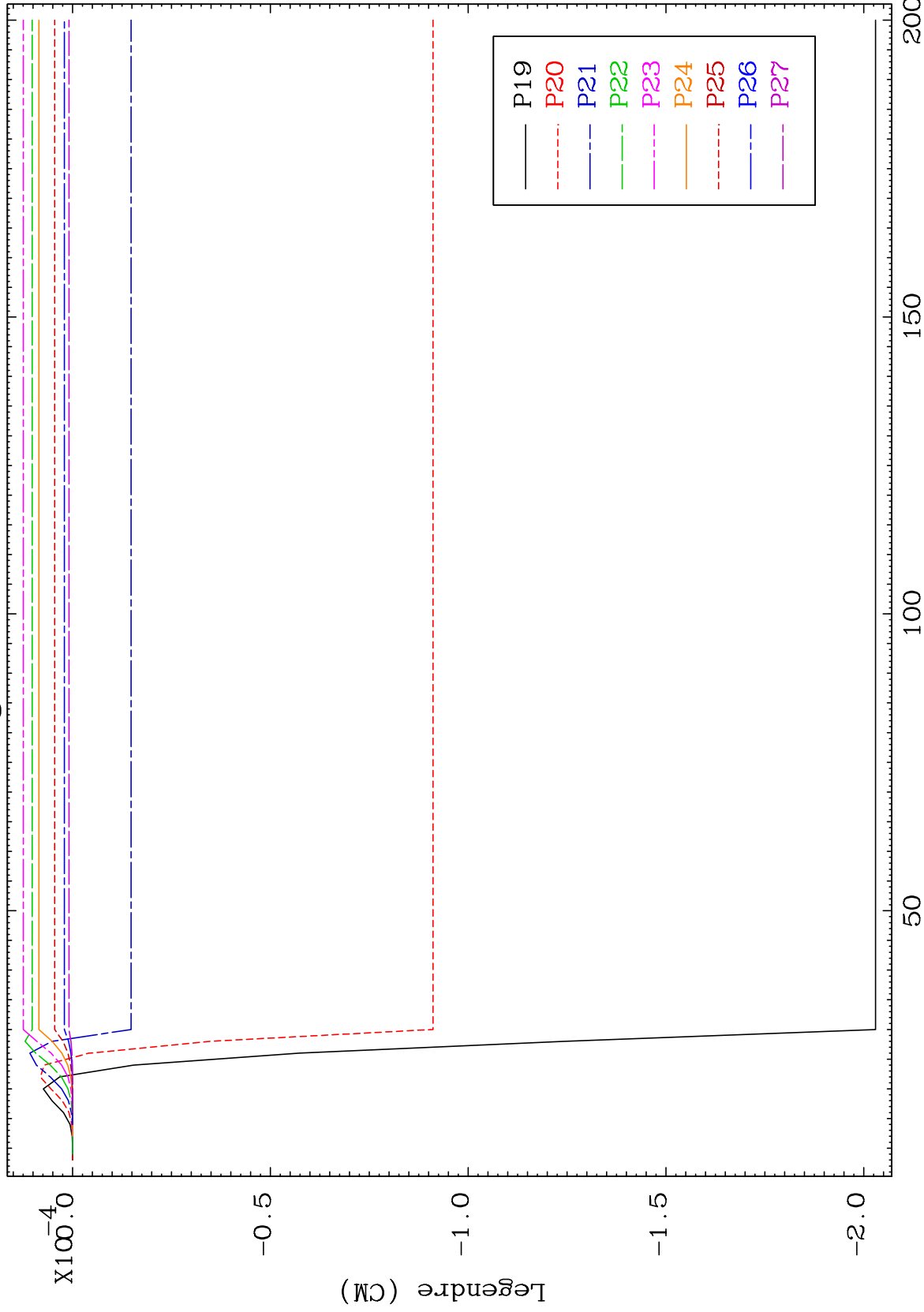
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



44

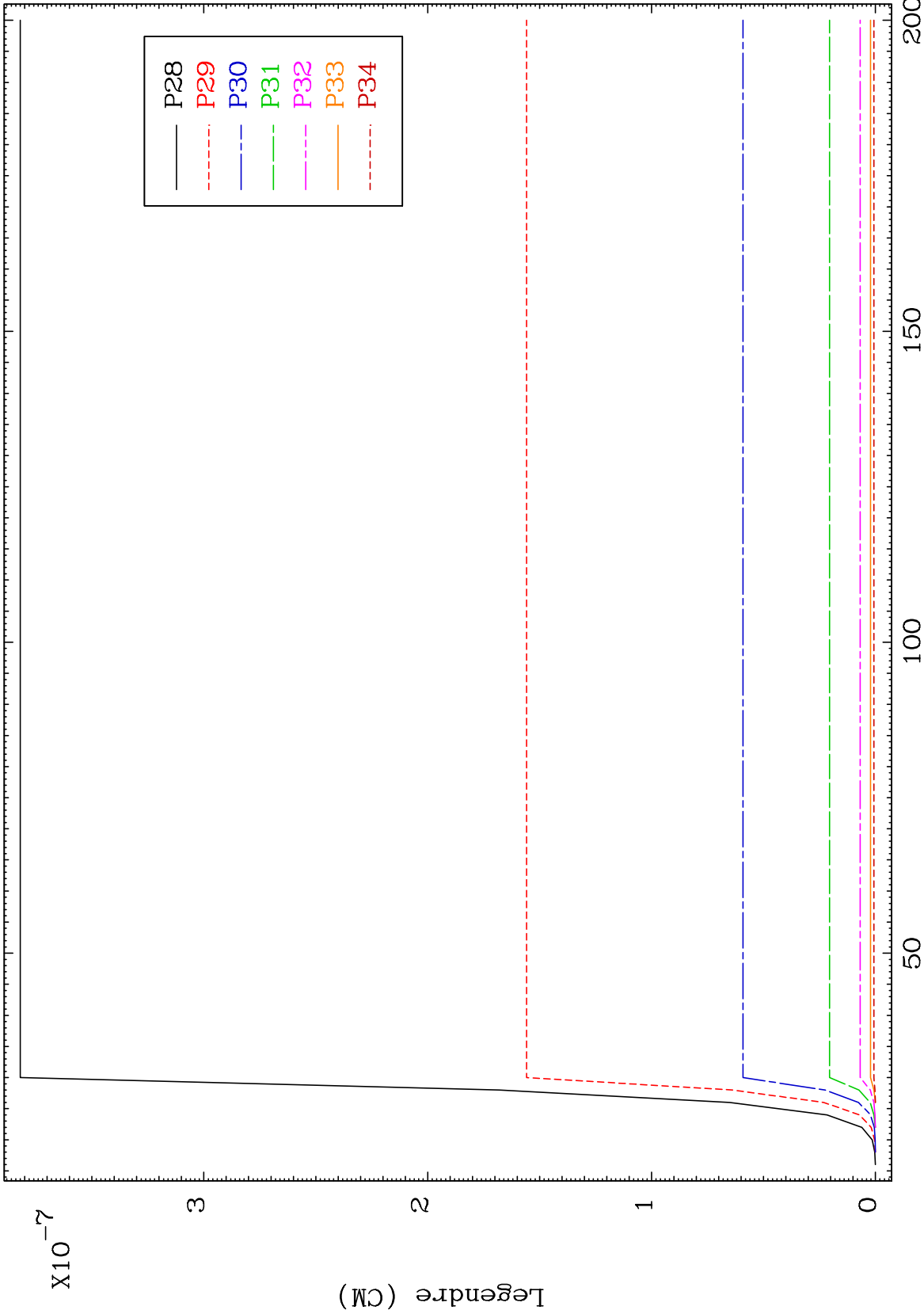
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



45

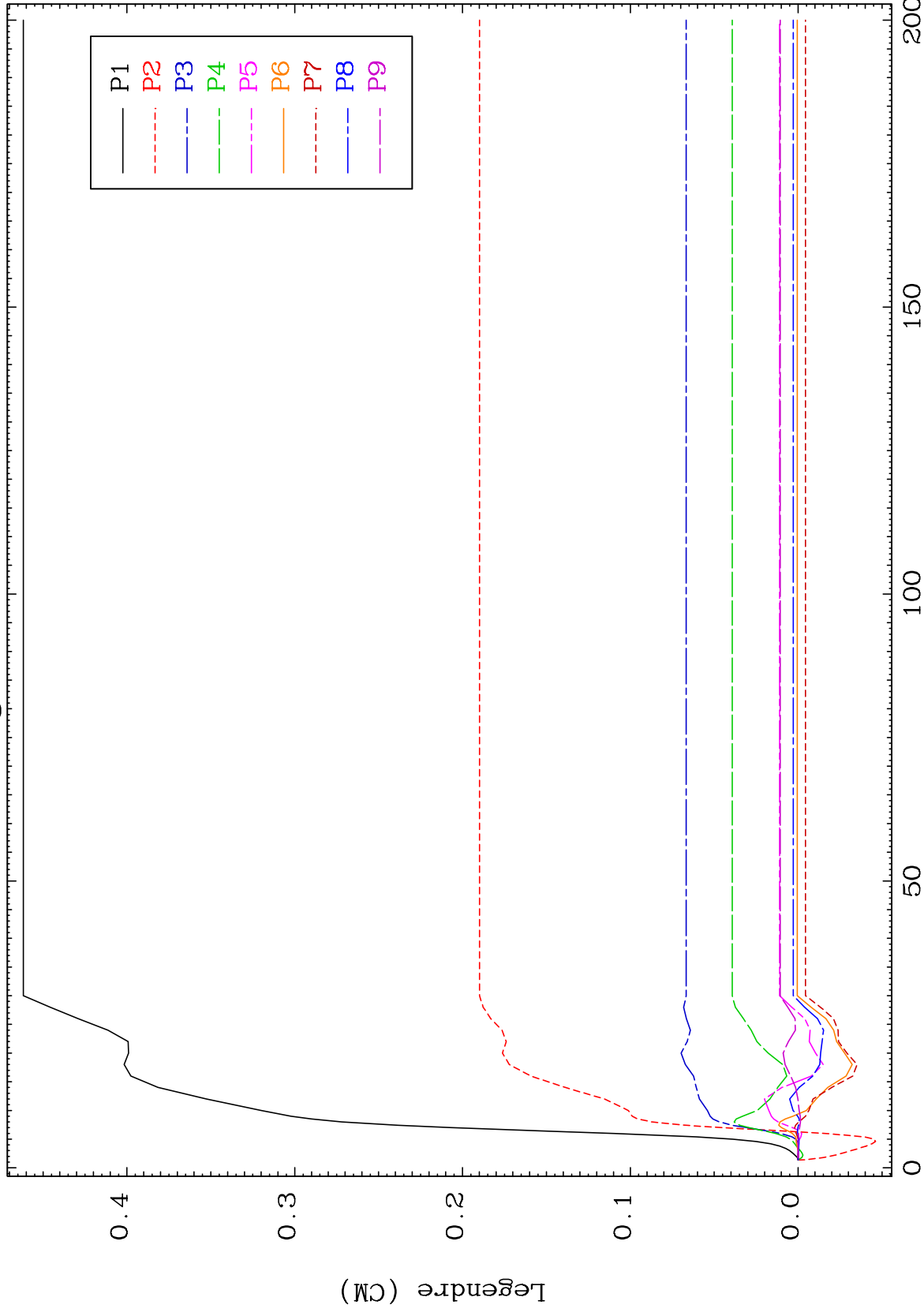
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



46

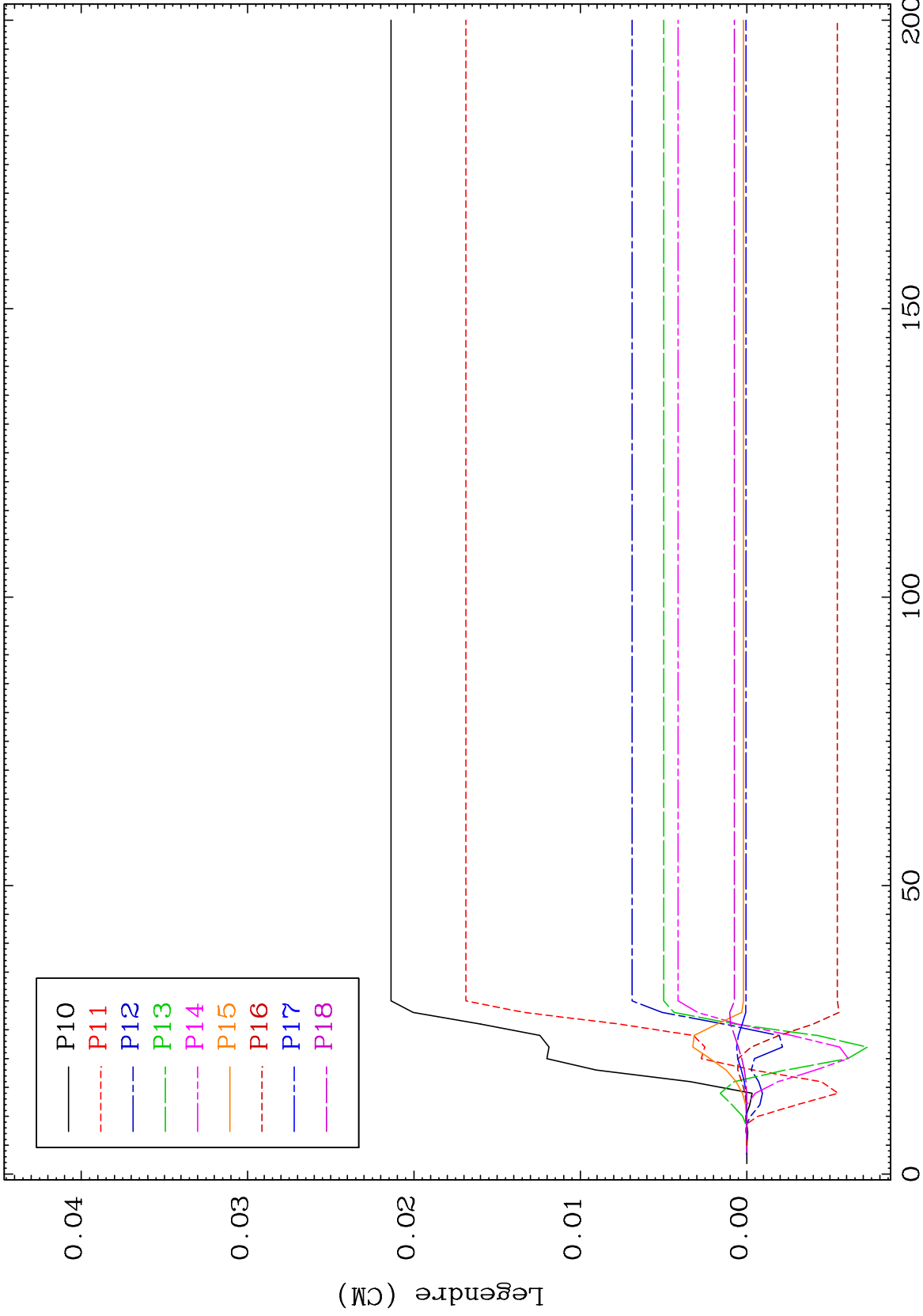
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



47

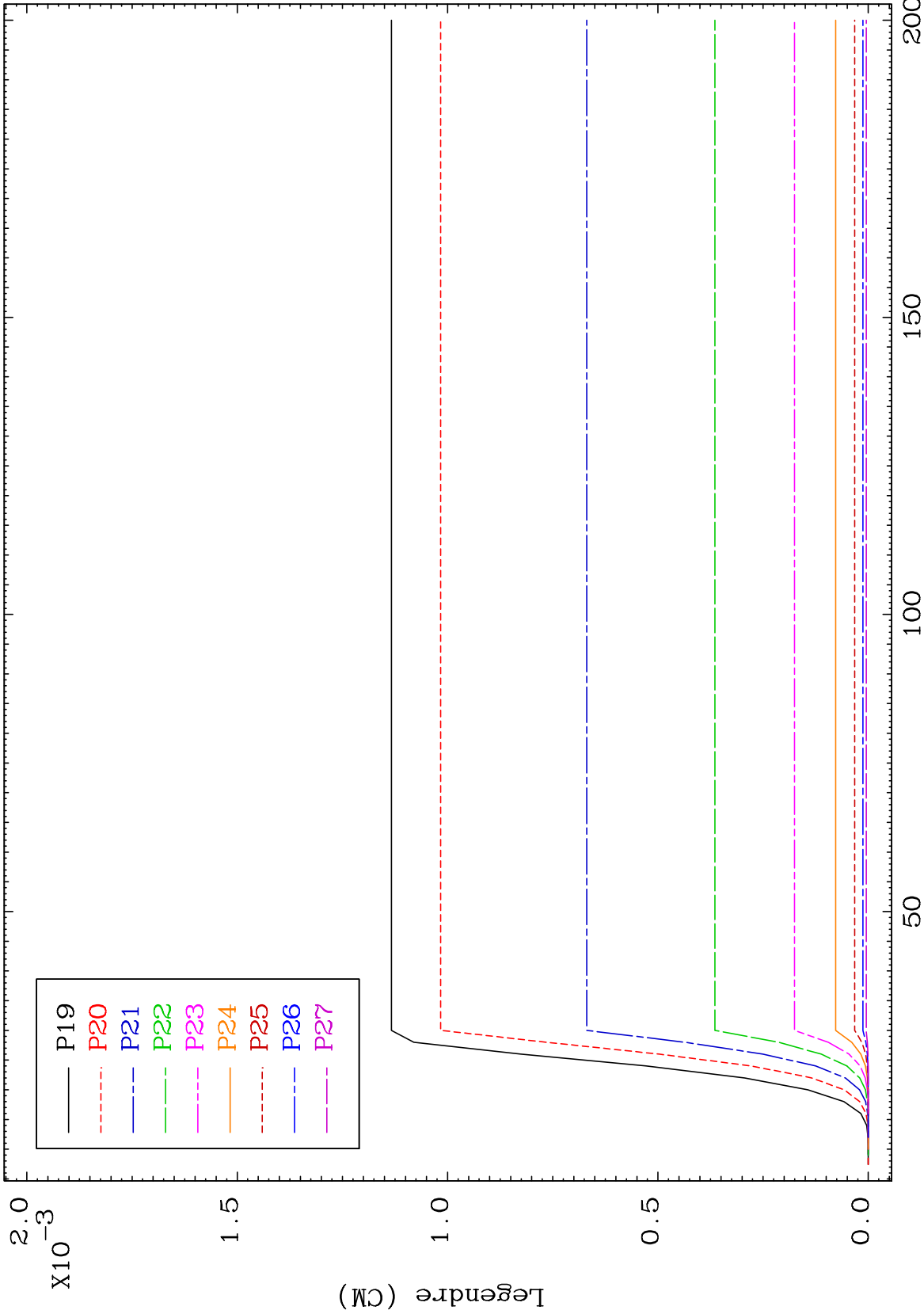
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



48

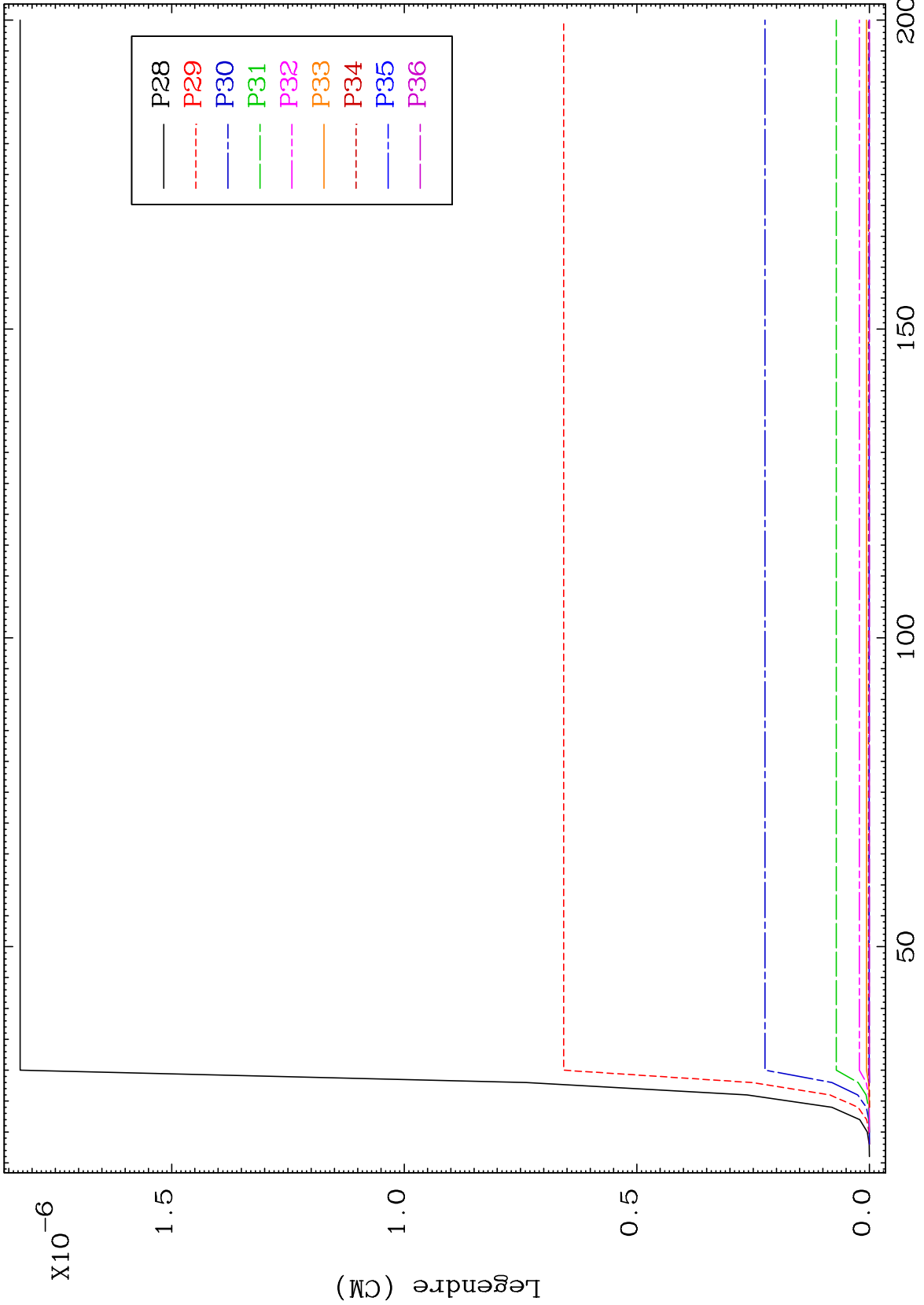
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126

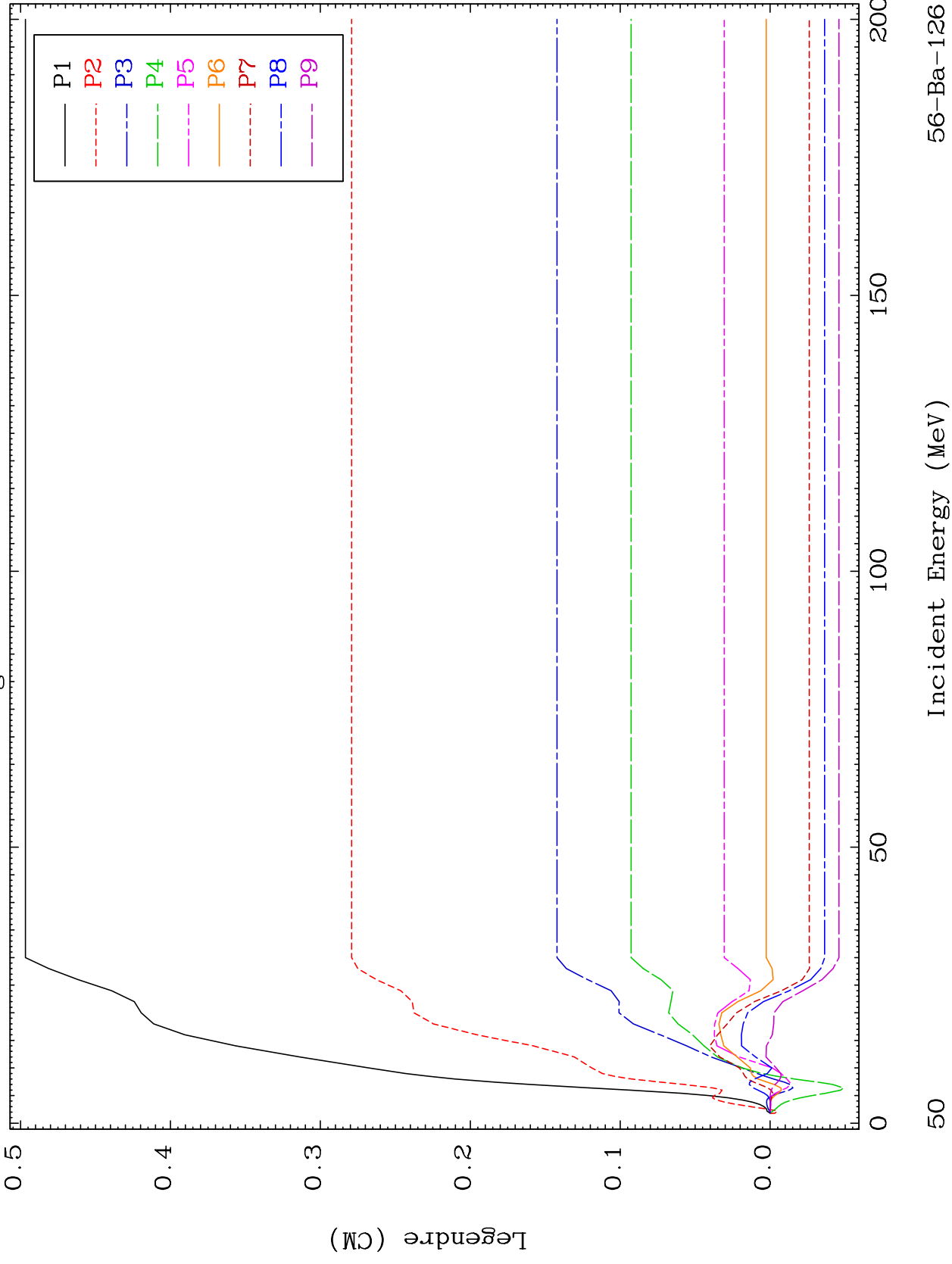


49

Incident Energy (MeV)

56-Ba-126

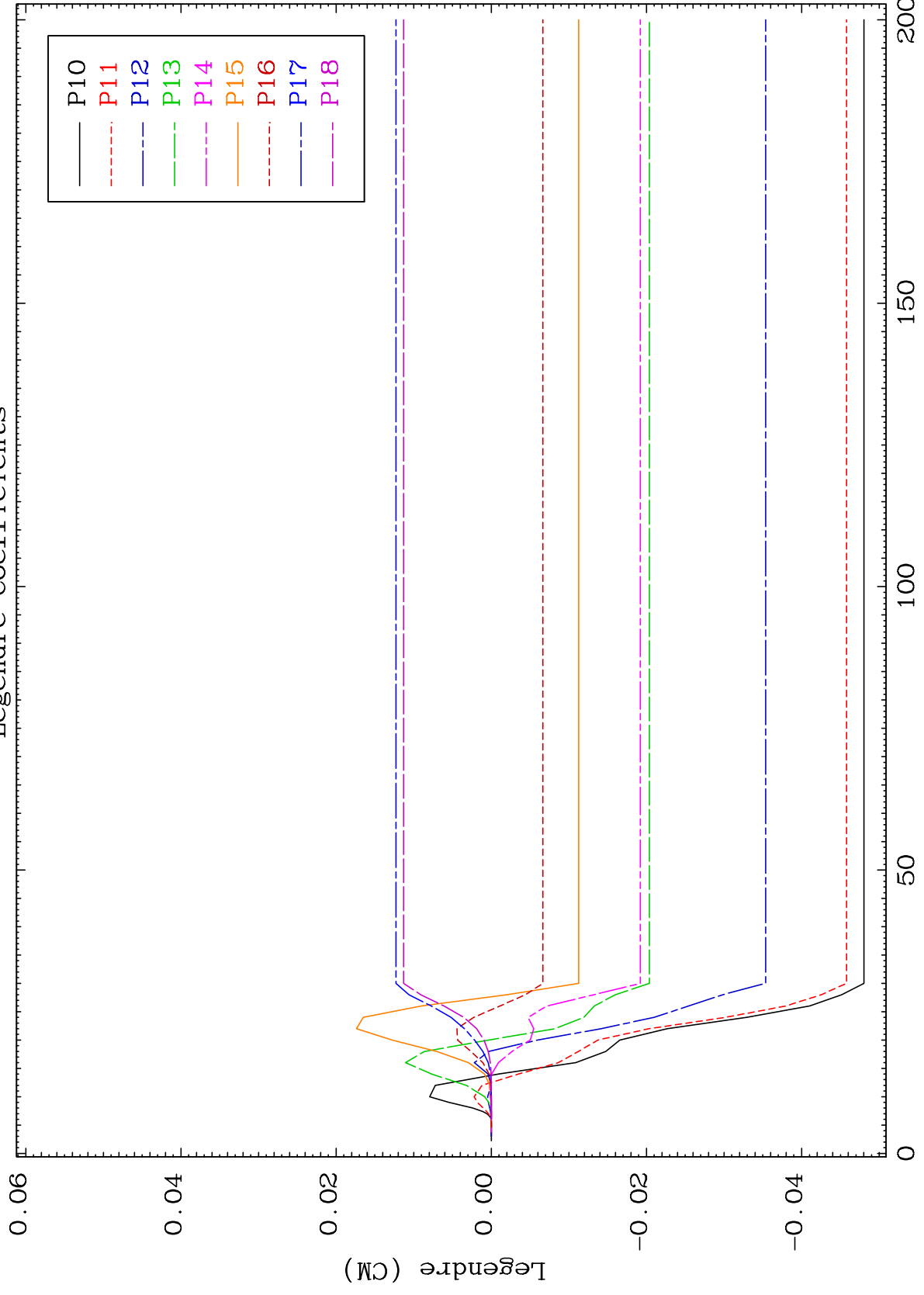
MAT 5613 MT= 59 (n,n') Level Legendre Coefficients 56-Ba-126



MAT 5613

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

56-Ba-126



51

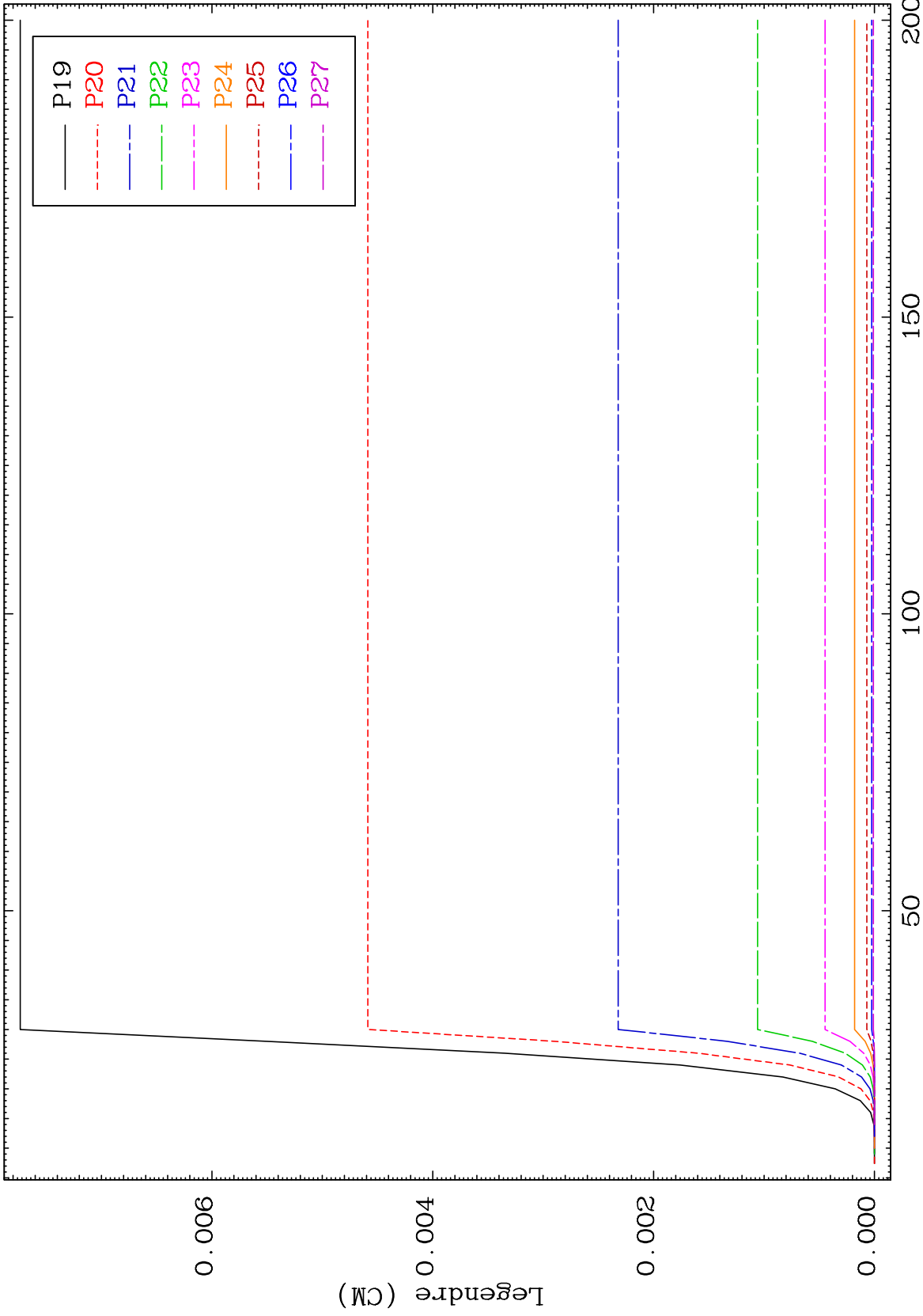
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



52

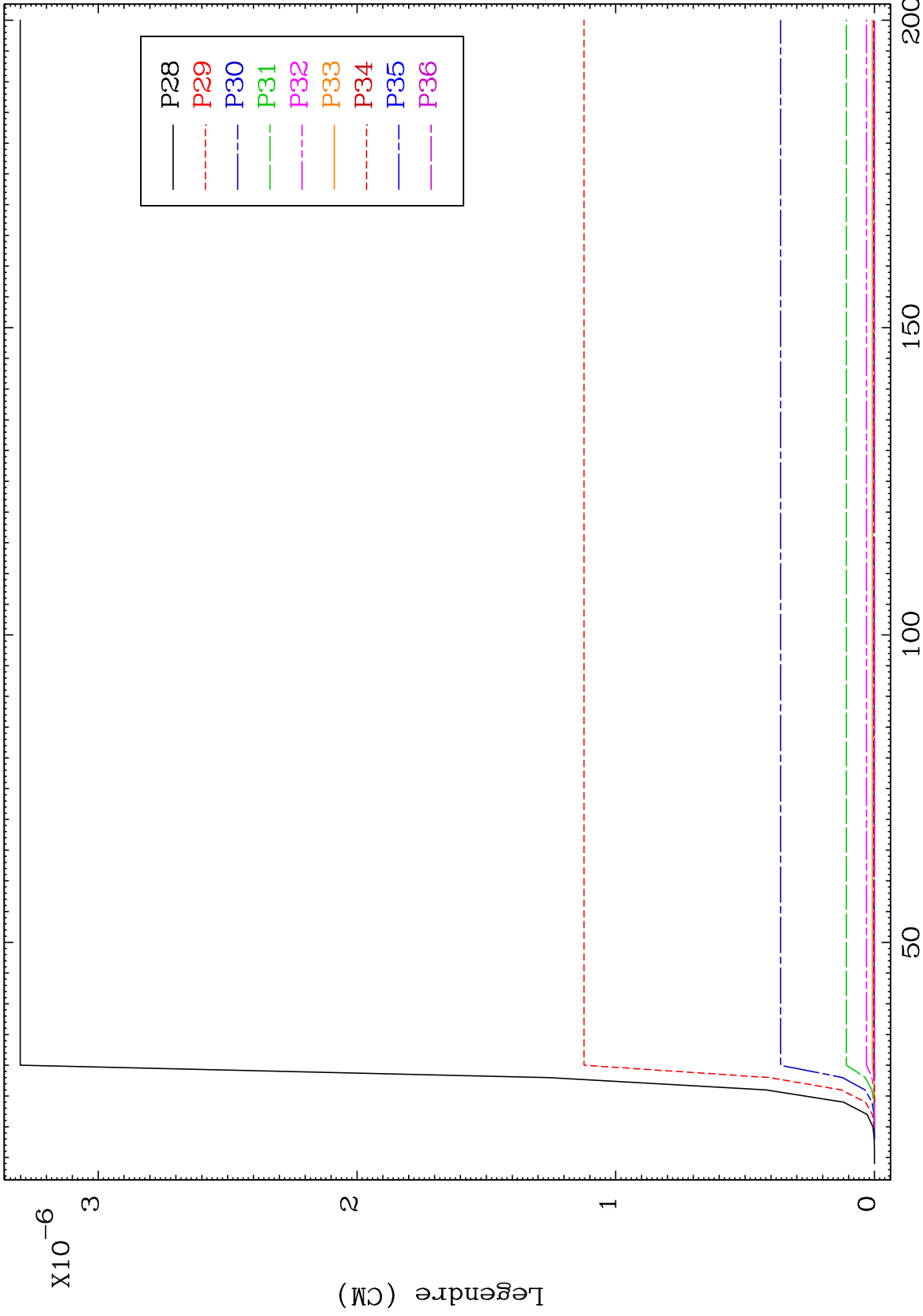
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



53

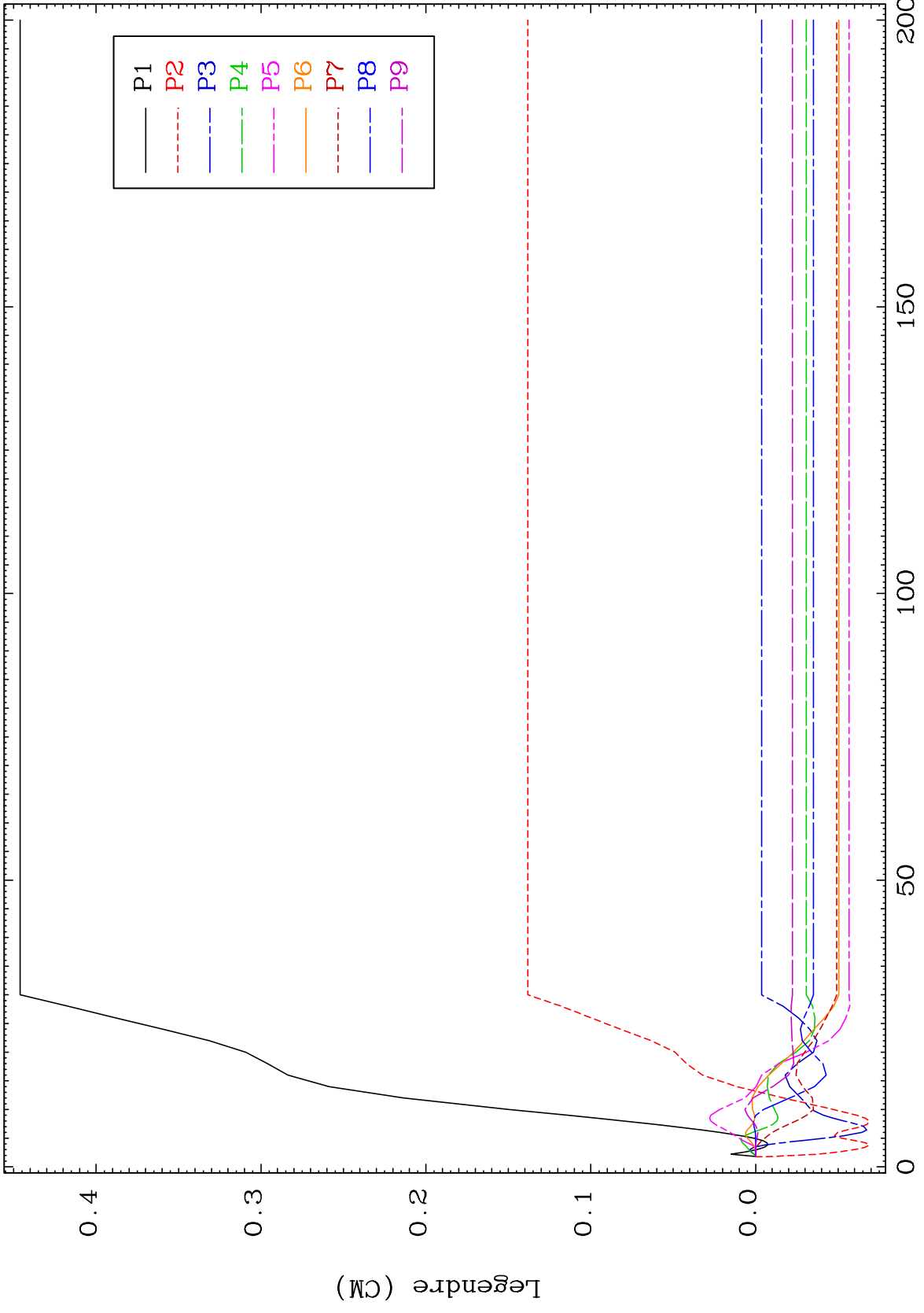
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



54

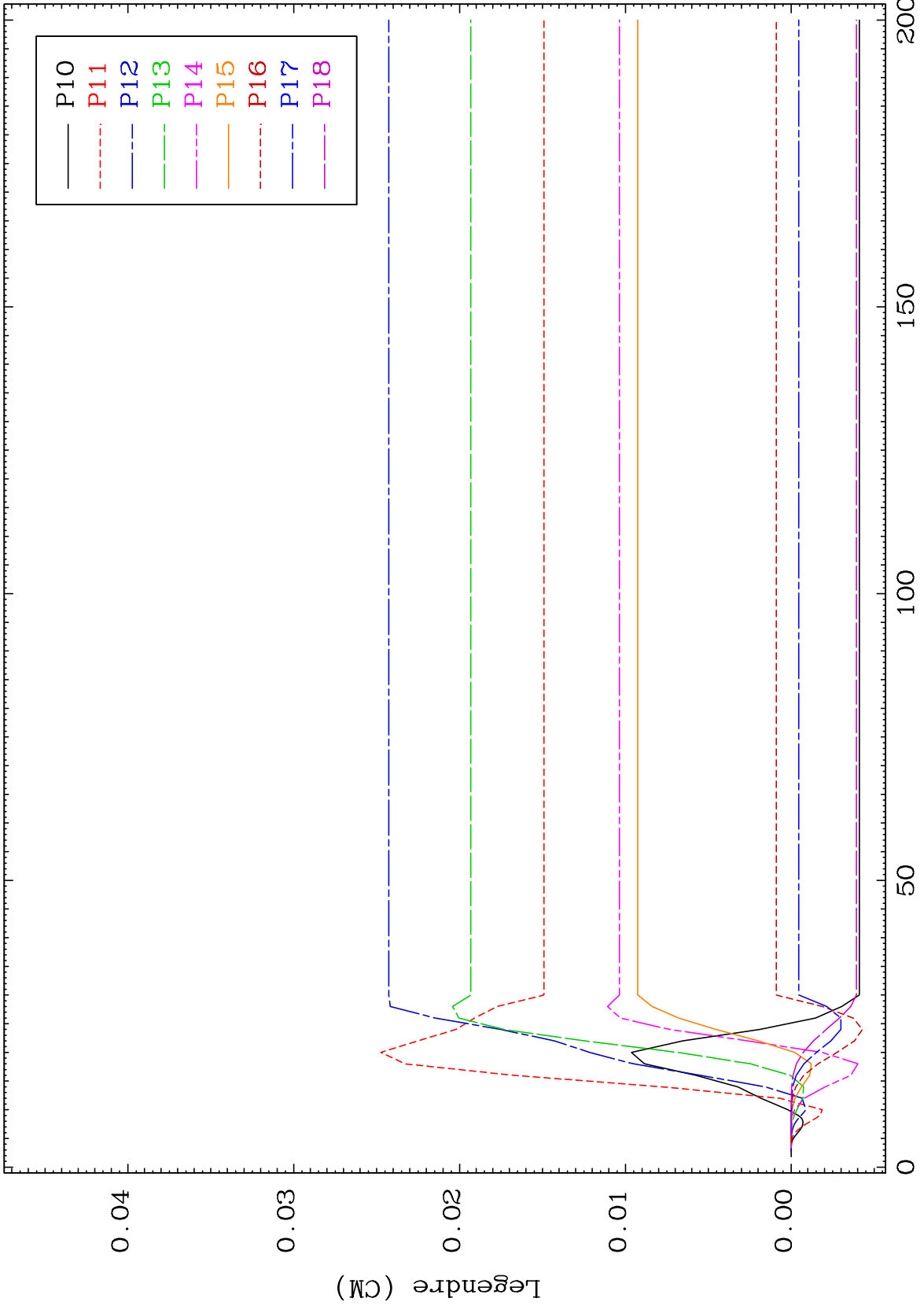
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126

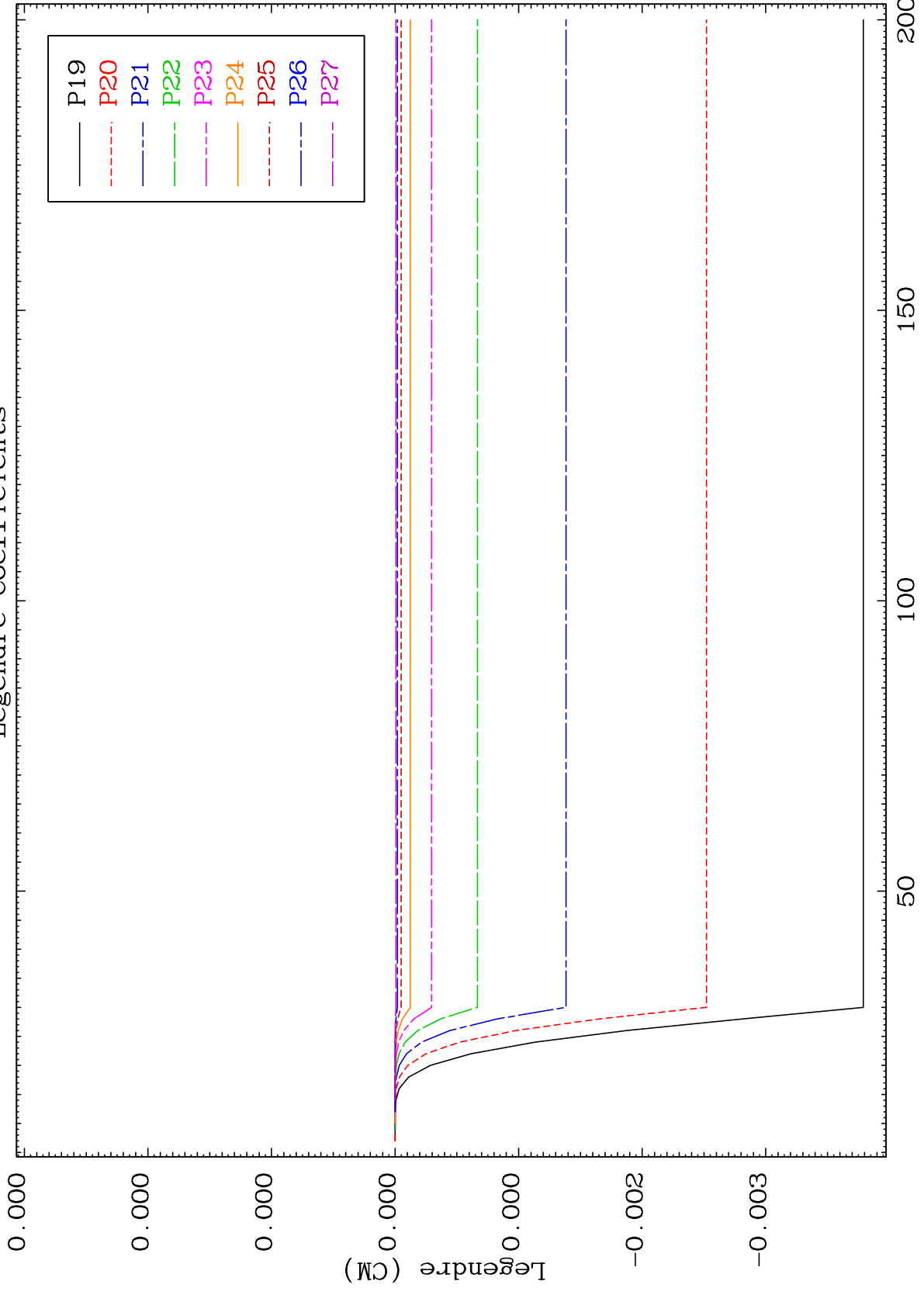


55

Incident Energy (MeV)

56-Ba-126

MAT 5613 MT= 60 (n,n') Level Legendre Coefficients 56-Ba-126

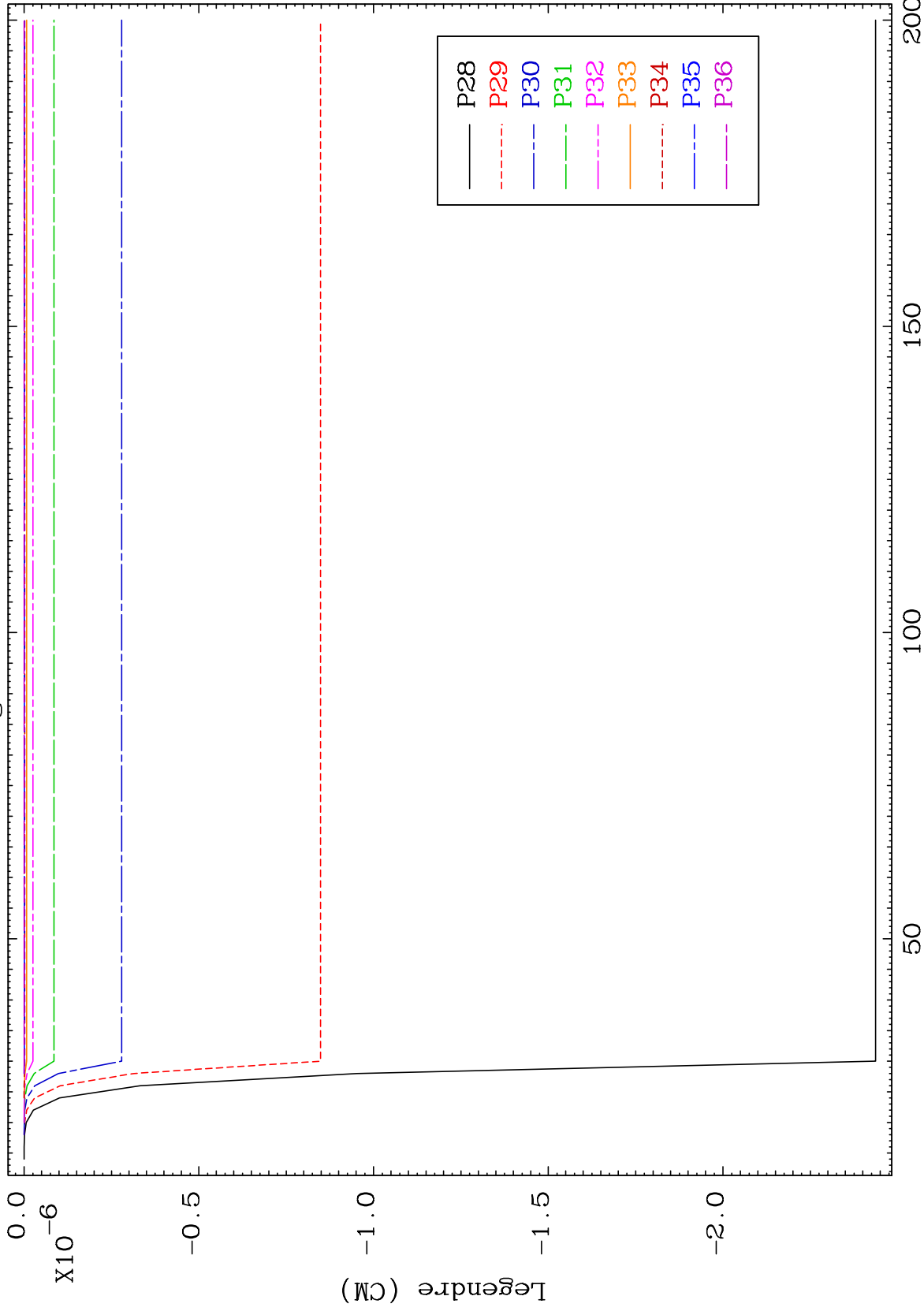


56 56-Ba-126

MAT 5613

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

56-Ba-126



57

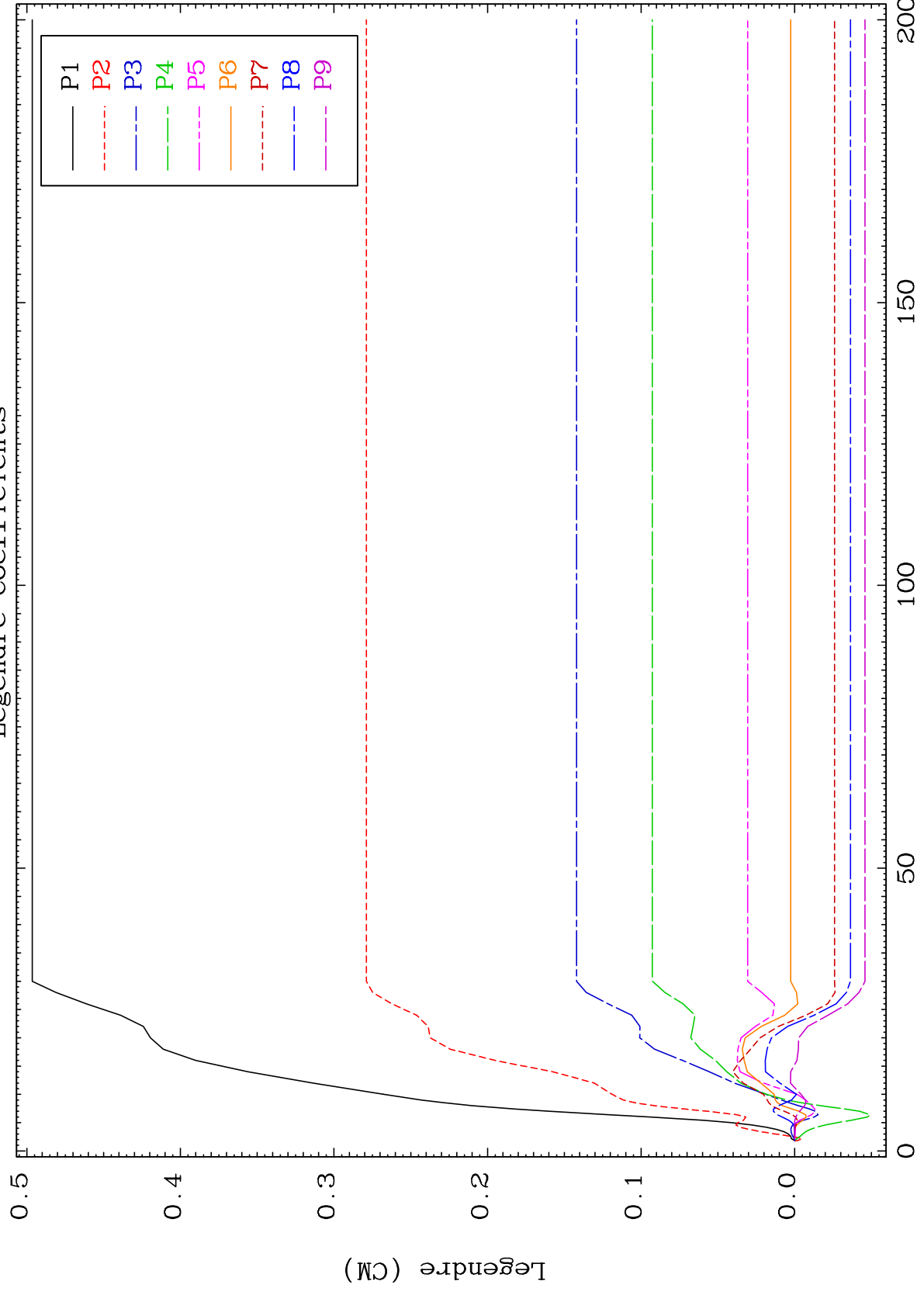
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126

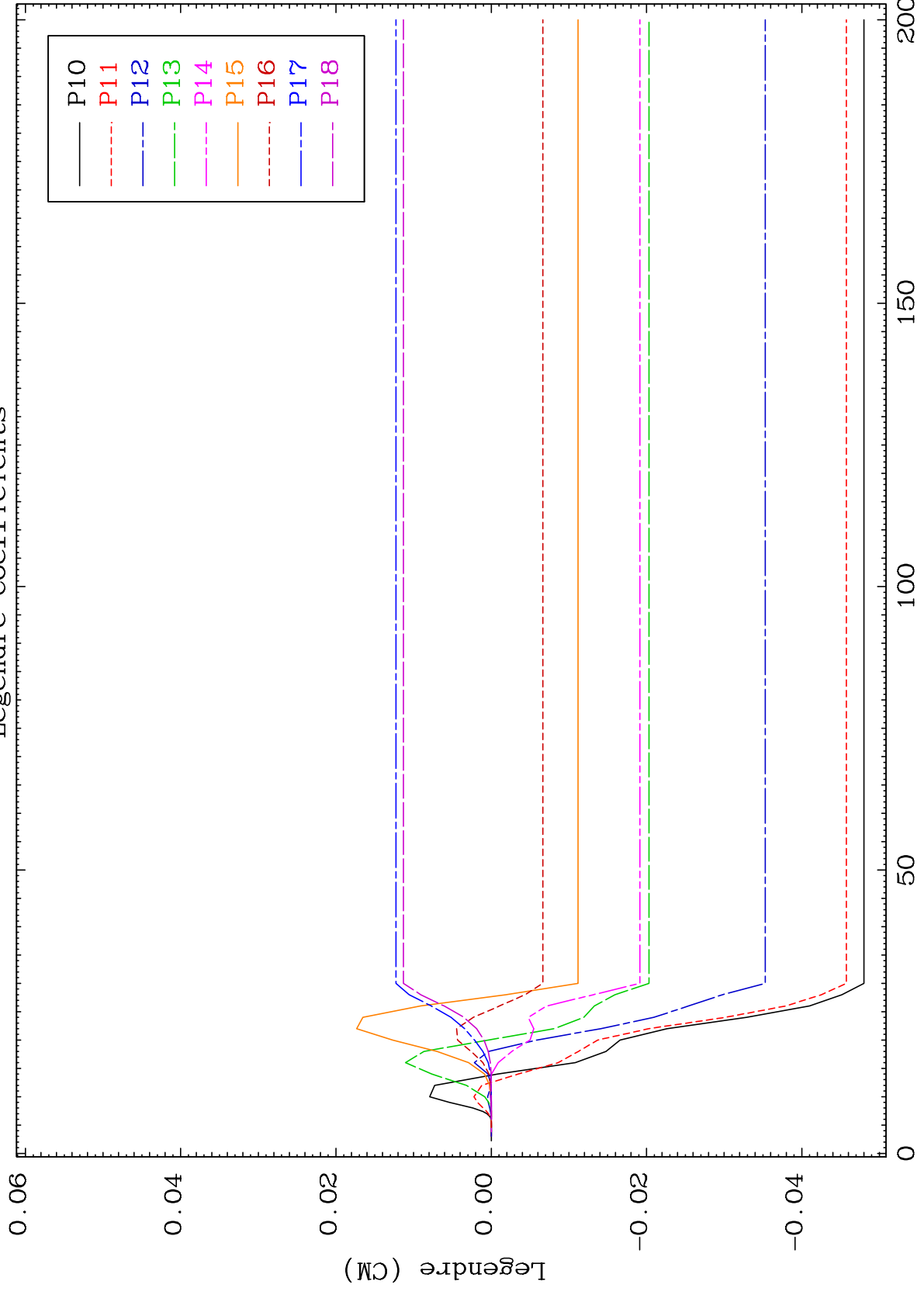


56-Ba-126

Incident Energy (MeV)

58

MAT 5613 MT= 61 (n,n') Level Legendre Coefficients 56-Ba-126

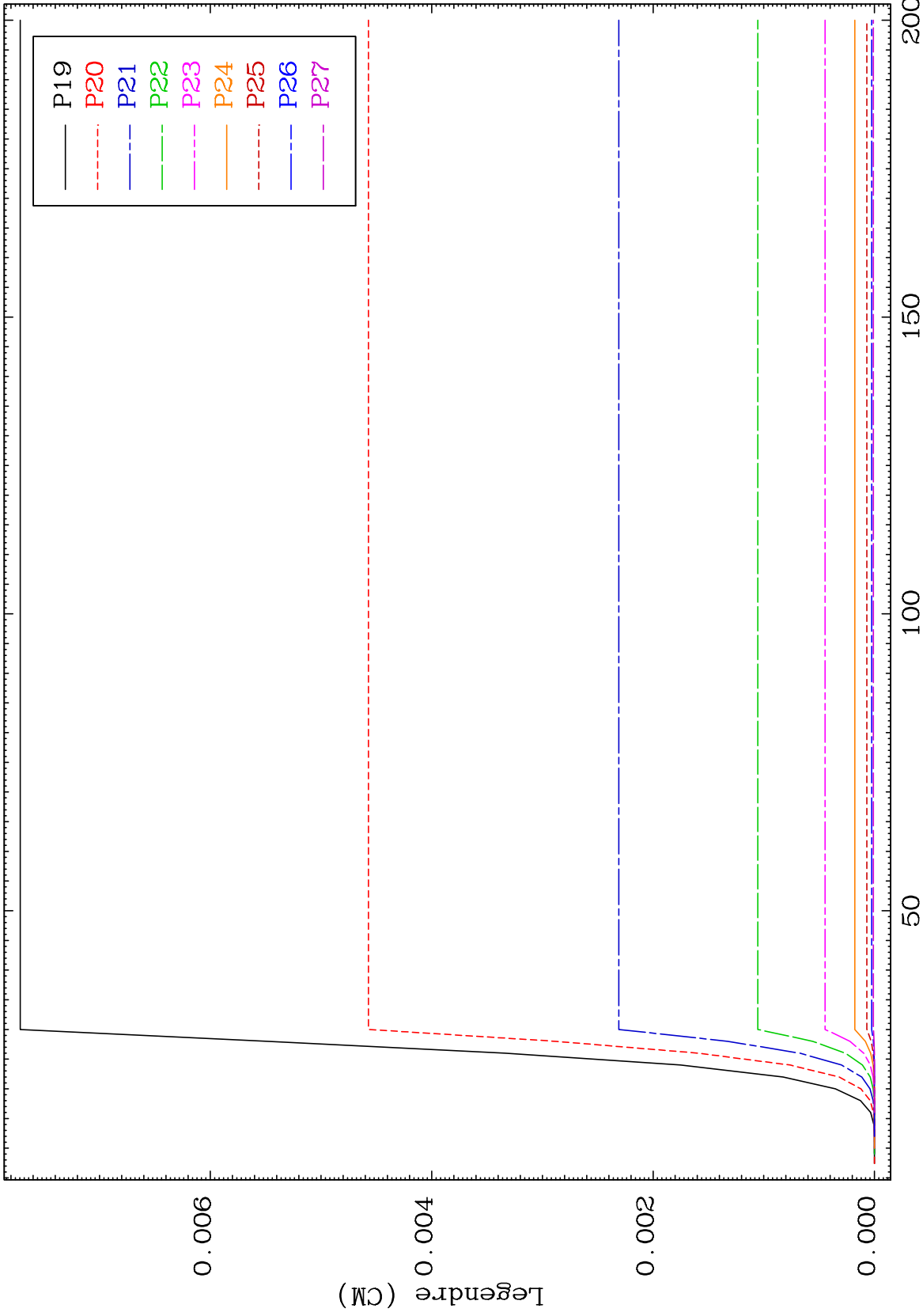


59 56-Ba-126

MAT 5613

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

56-Ba-126



60

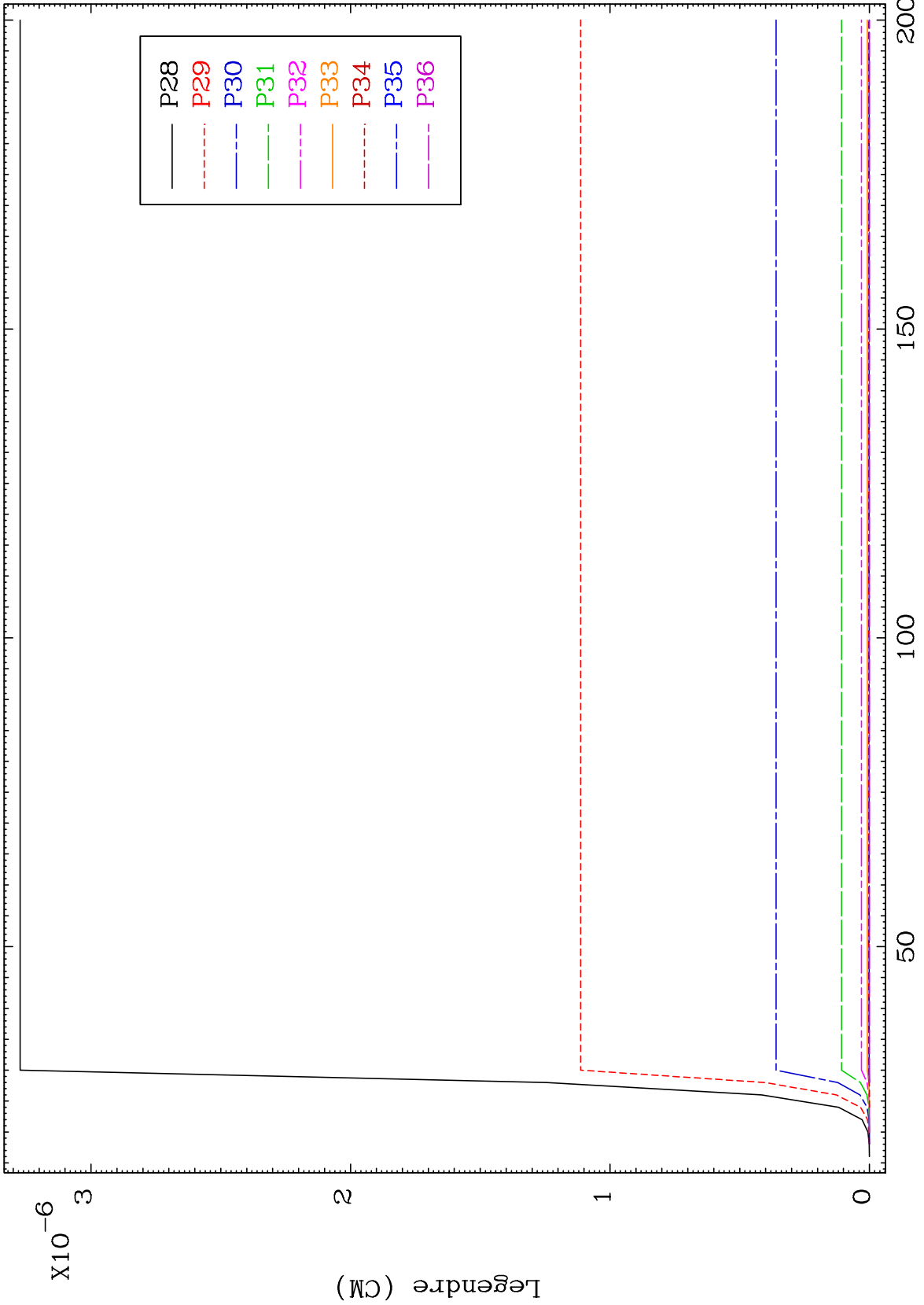
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



61

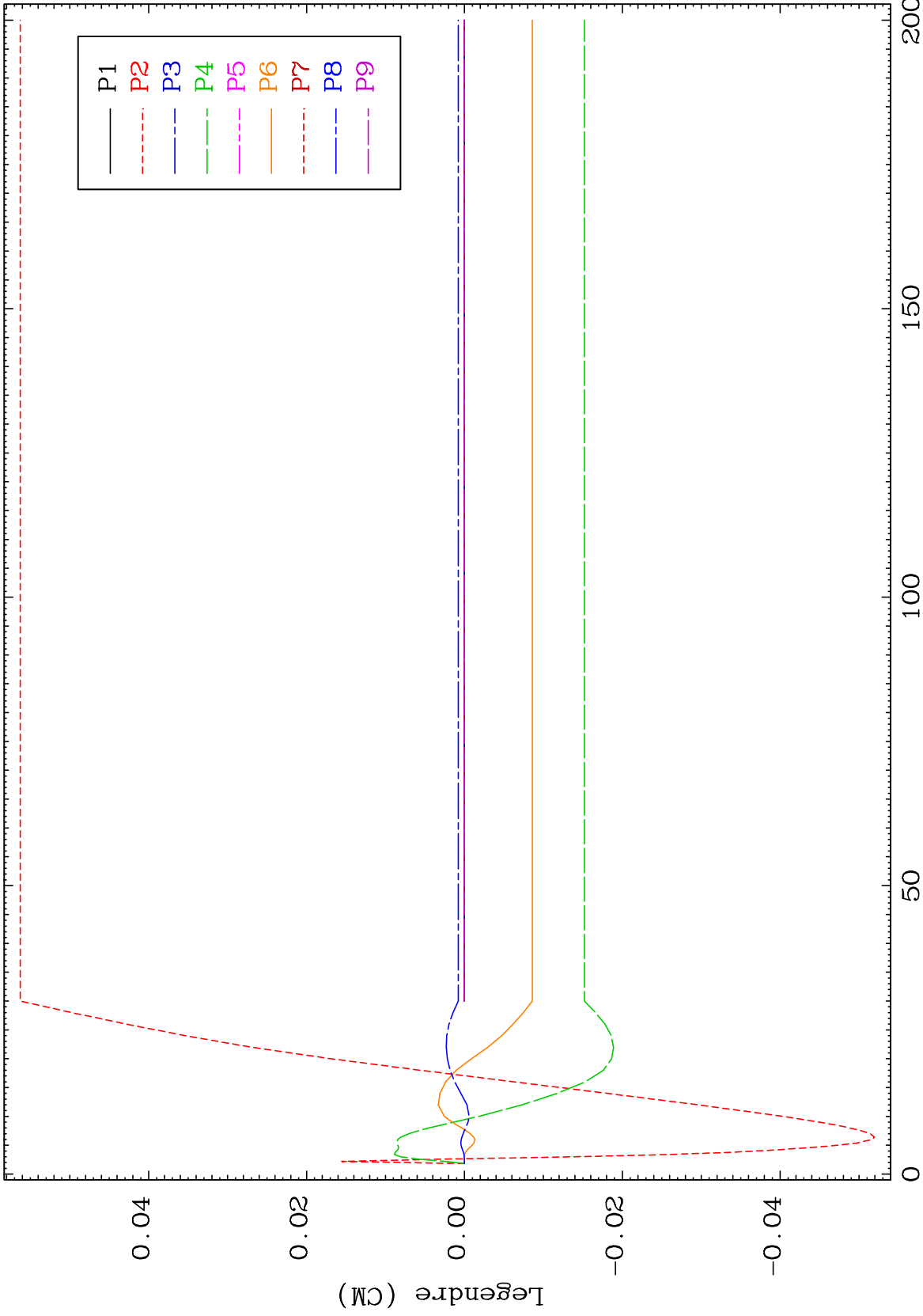
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



62

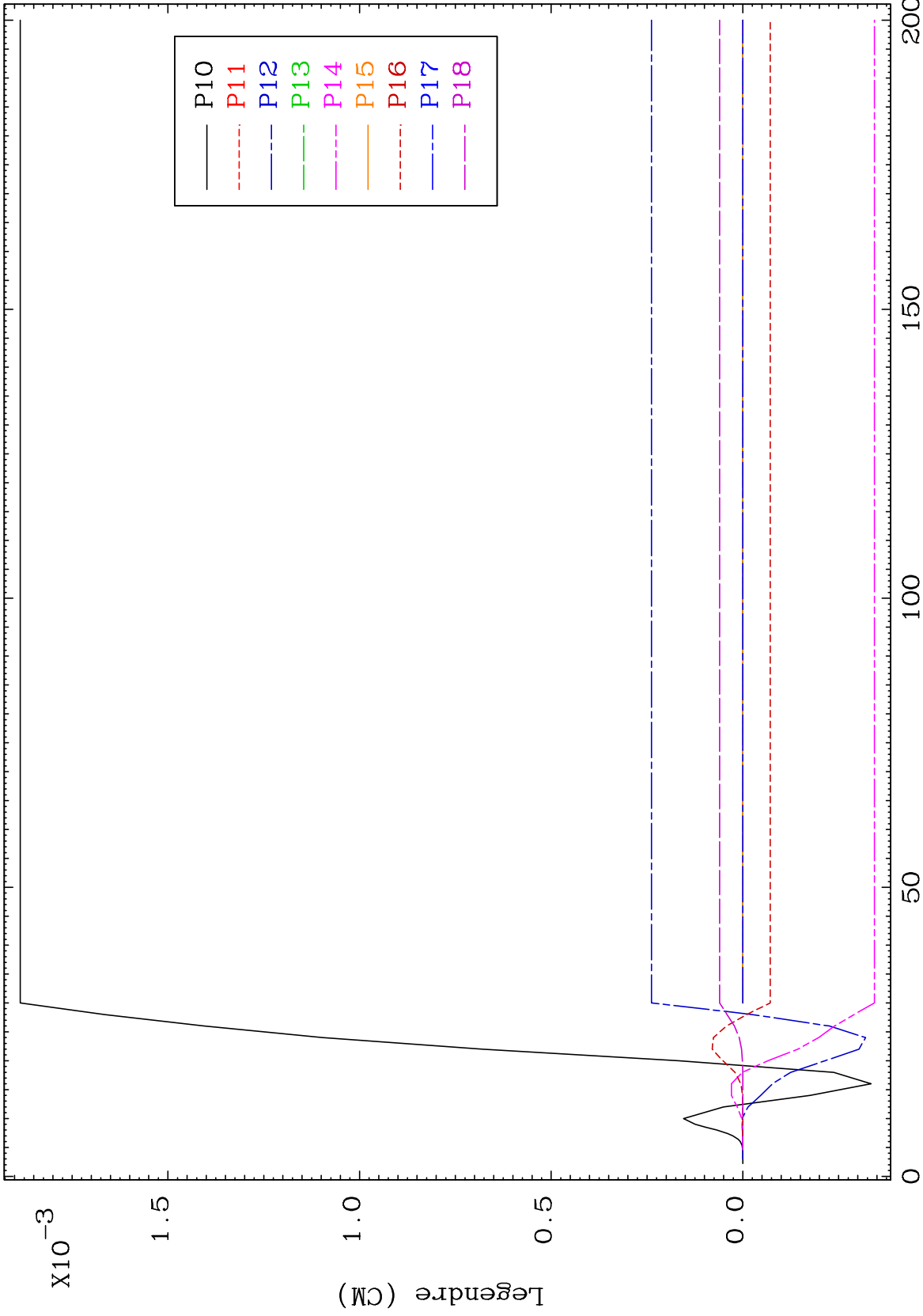
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

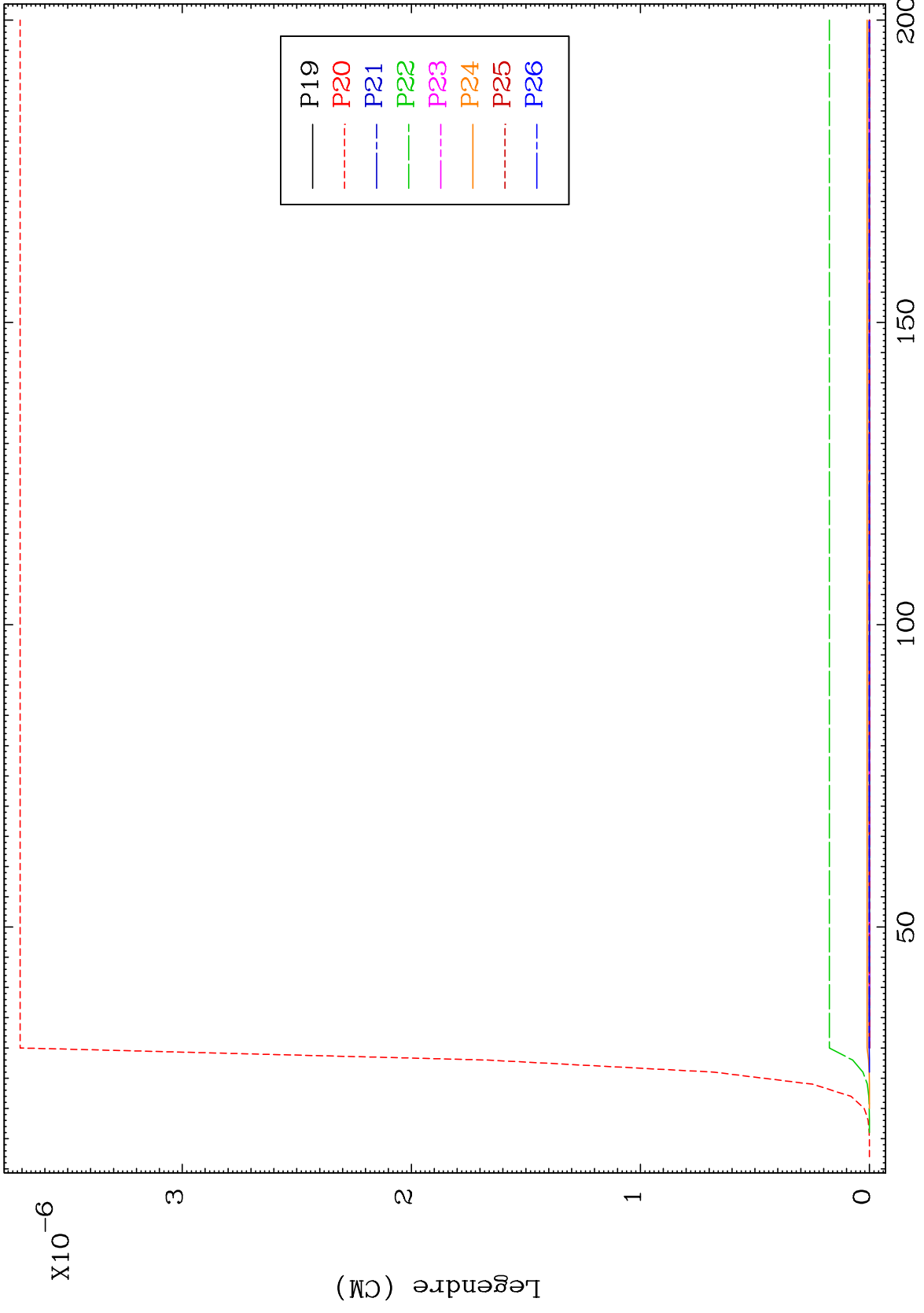
56-Ba-126



63

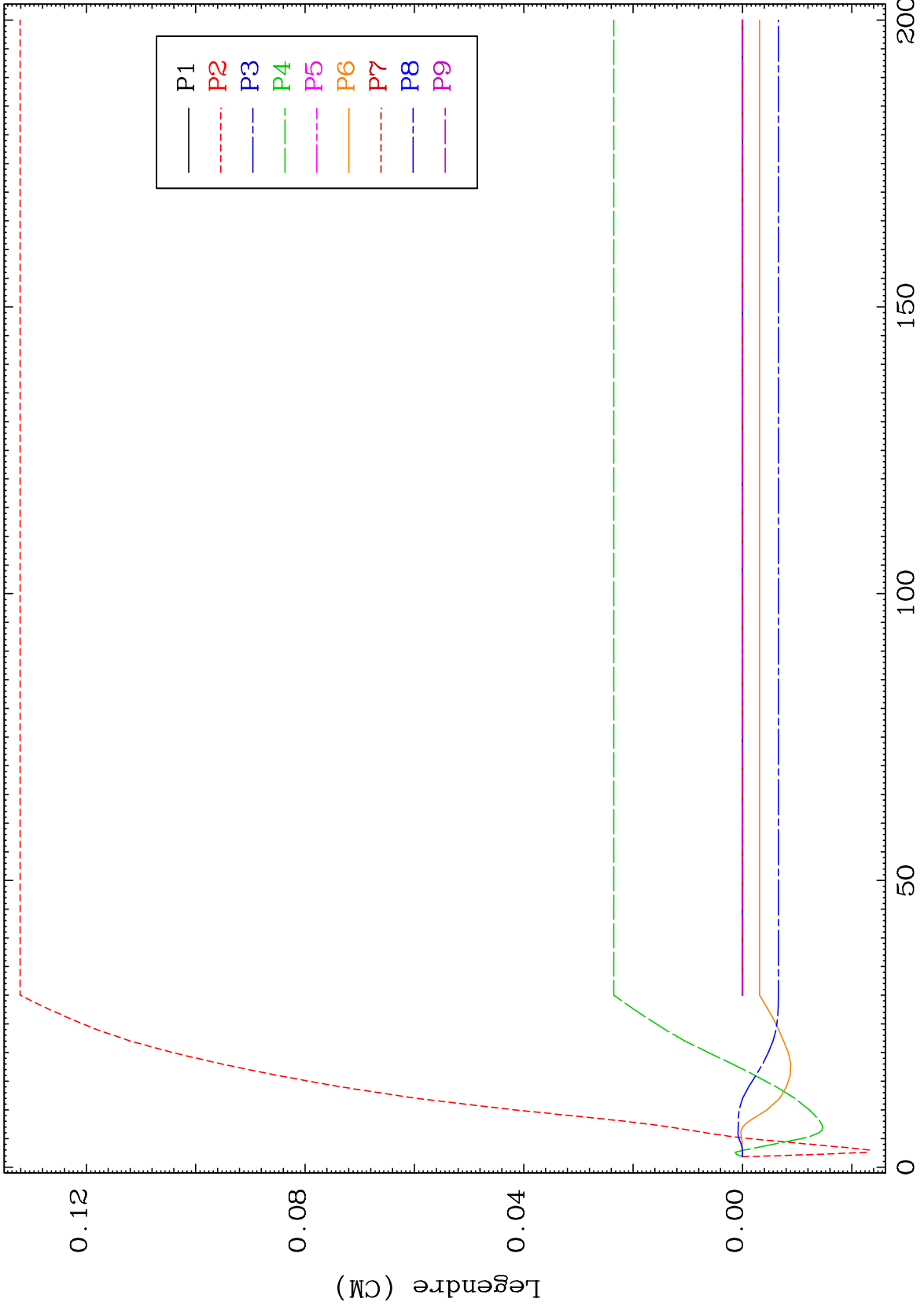
56-Ba-126

MAT 5613 MT= 62 (n,n') Level Legendre Coefficients 56-Ba-126



64 56-Ba-126

MAT 5613 MT= 63 (n,n') Level Legendre Coefficients 56-Ba-126

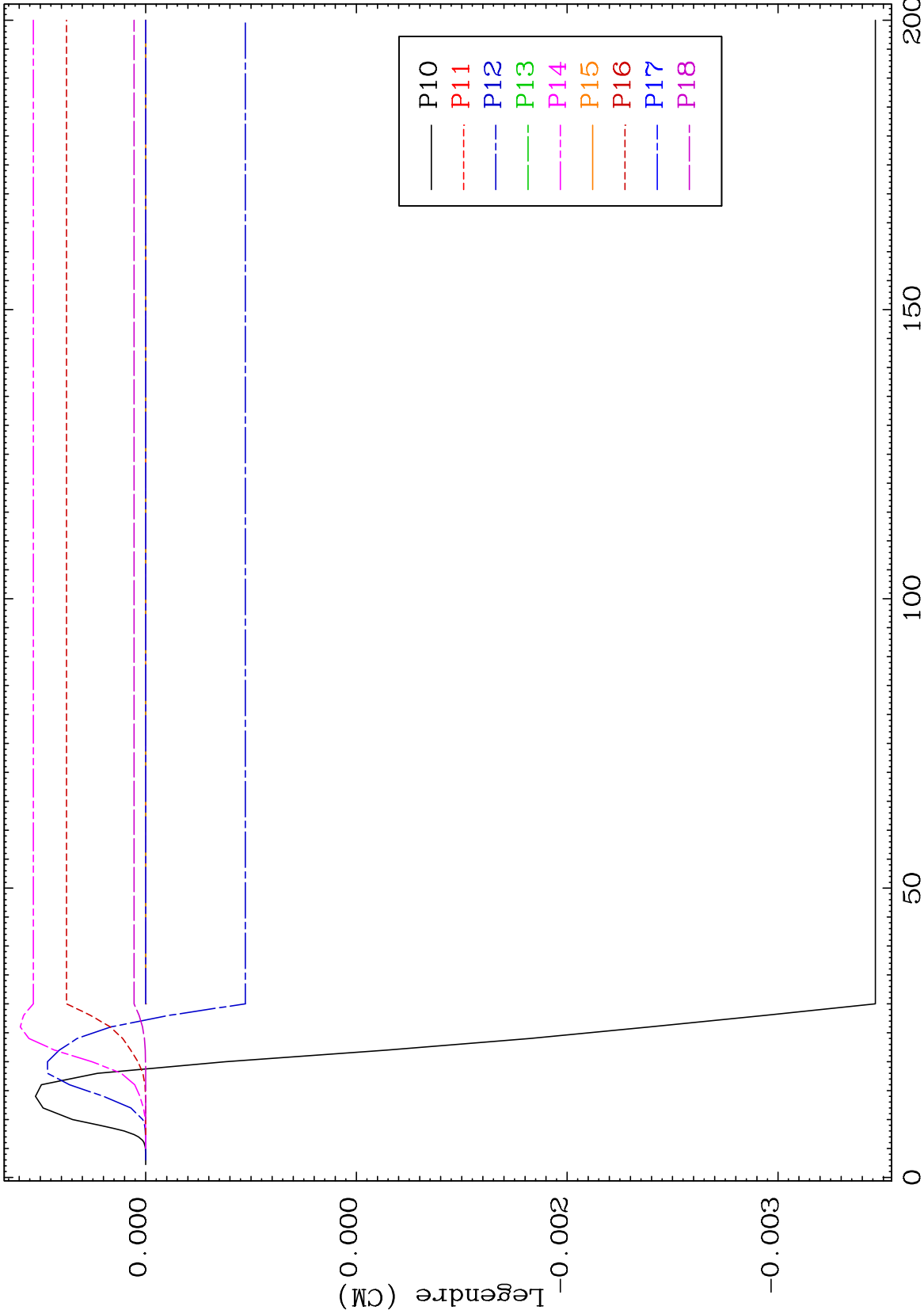


65 Incident Energy (MeV) 56-Ba-126

MAT 5613

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

56-Ba-126



66

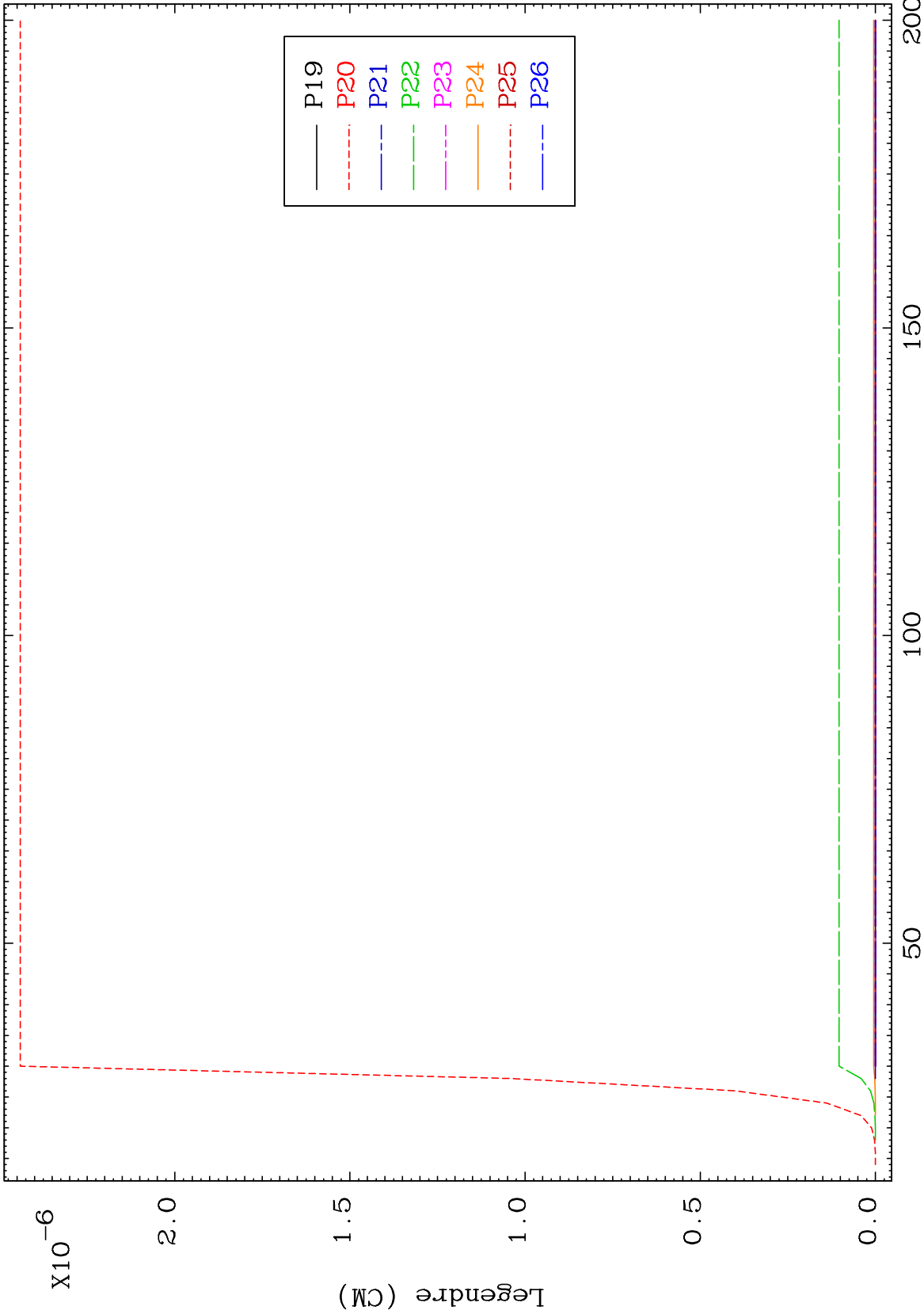
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126

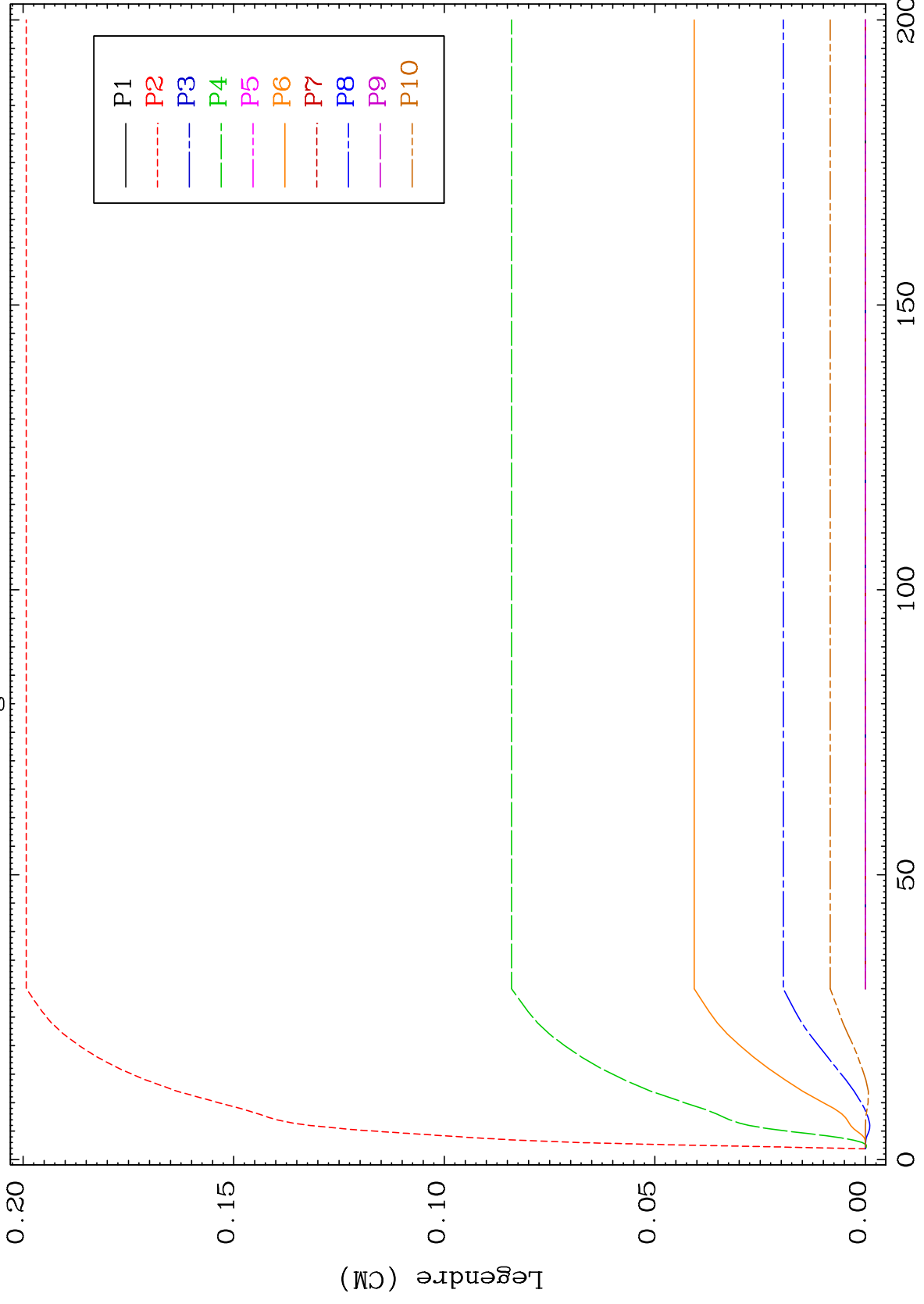


67

Incident Energy (MeV)

56-Ba-126

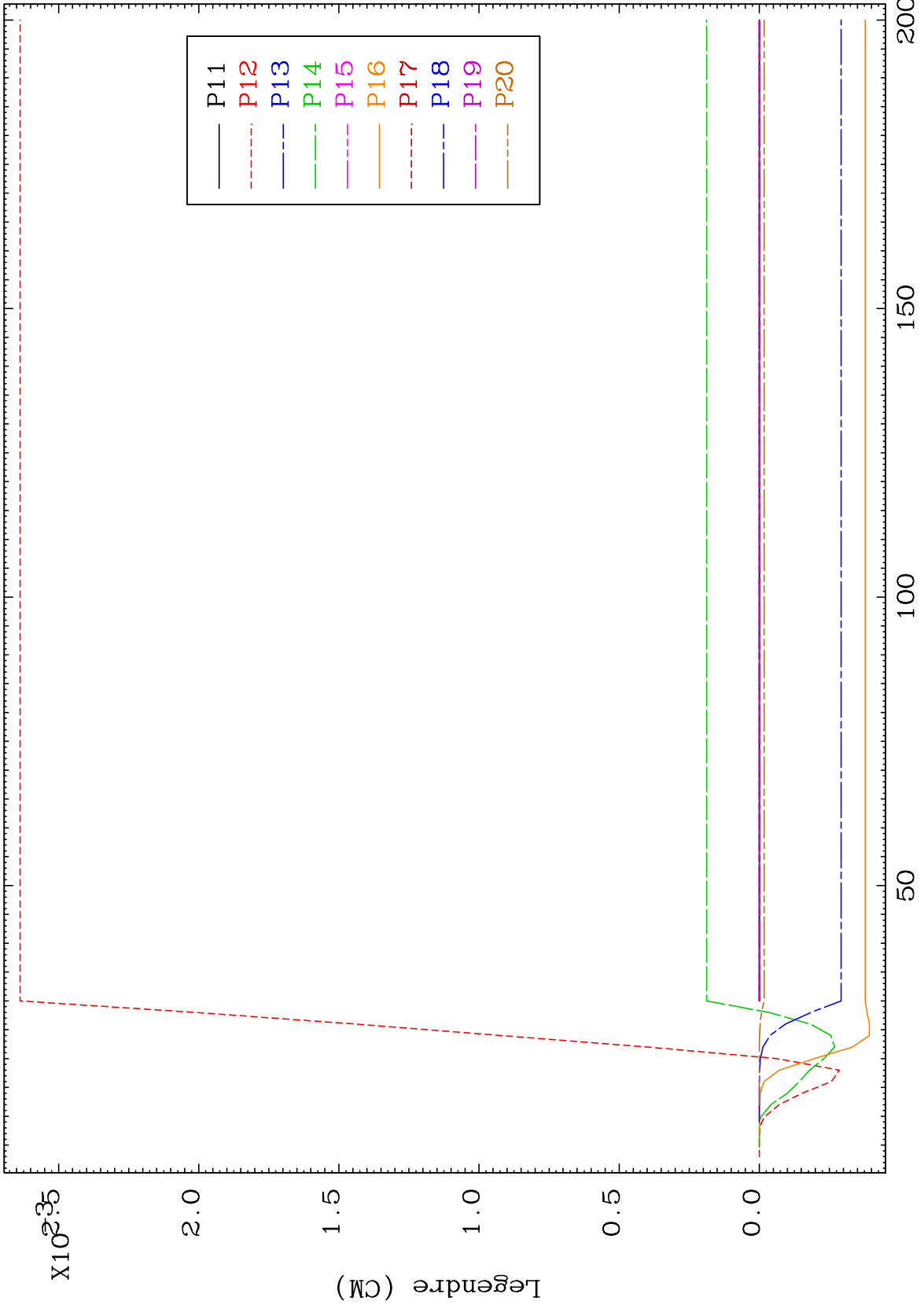
MAT 5613 MT= 64 (n,n') Level Legendre Coefficients 56-Ba-126



MAT 5613

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

56-Ba-126



69

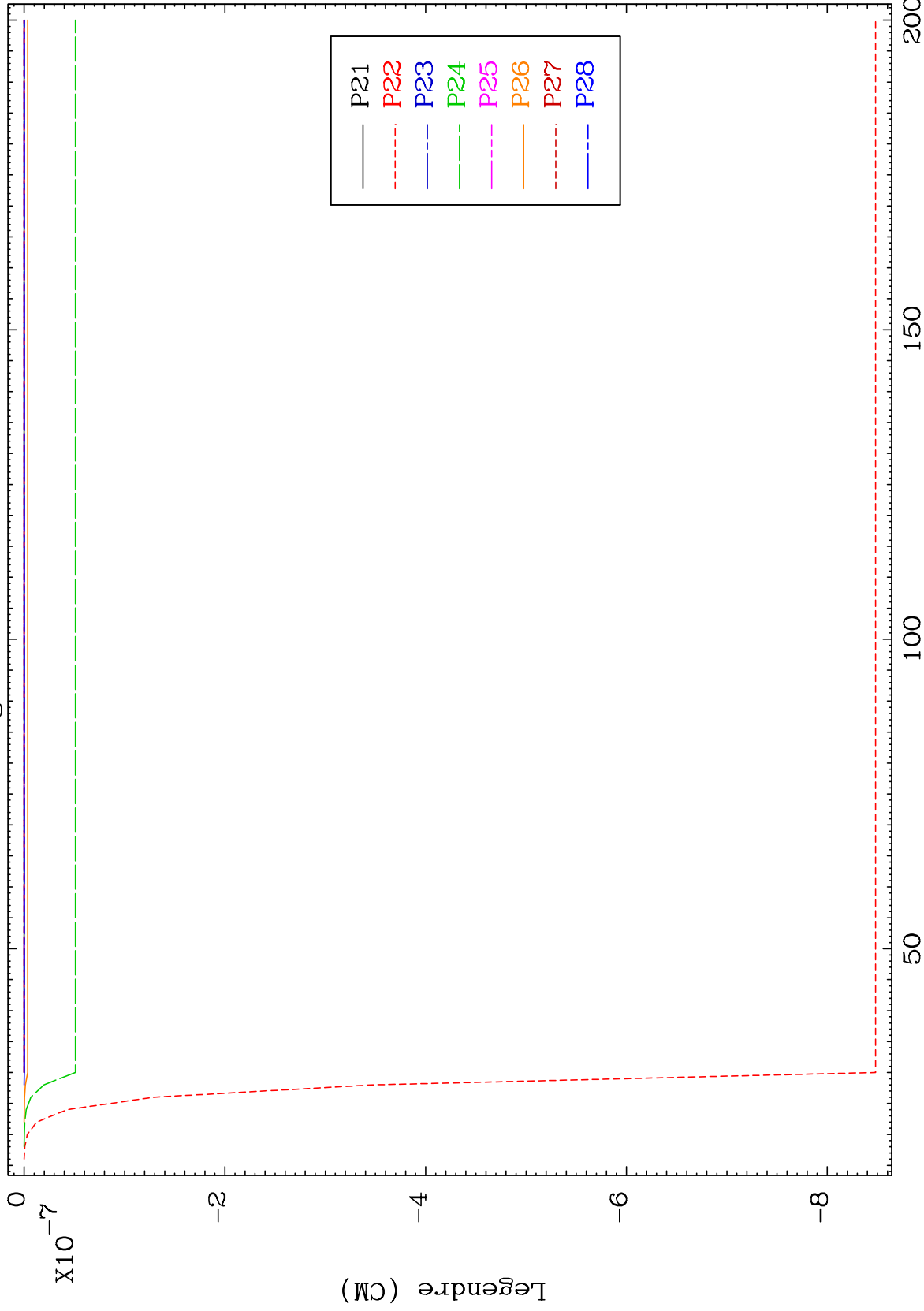
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



70

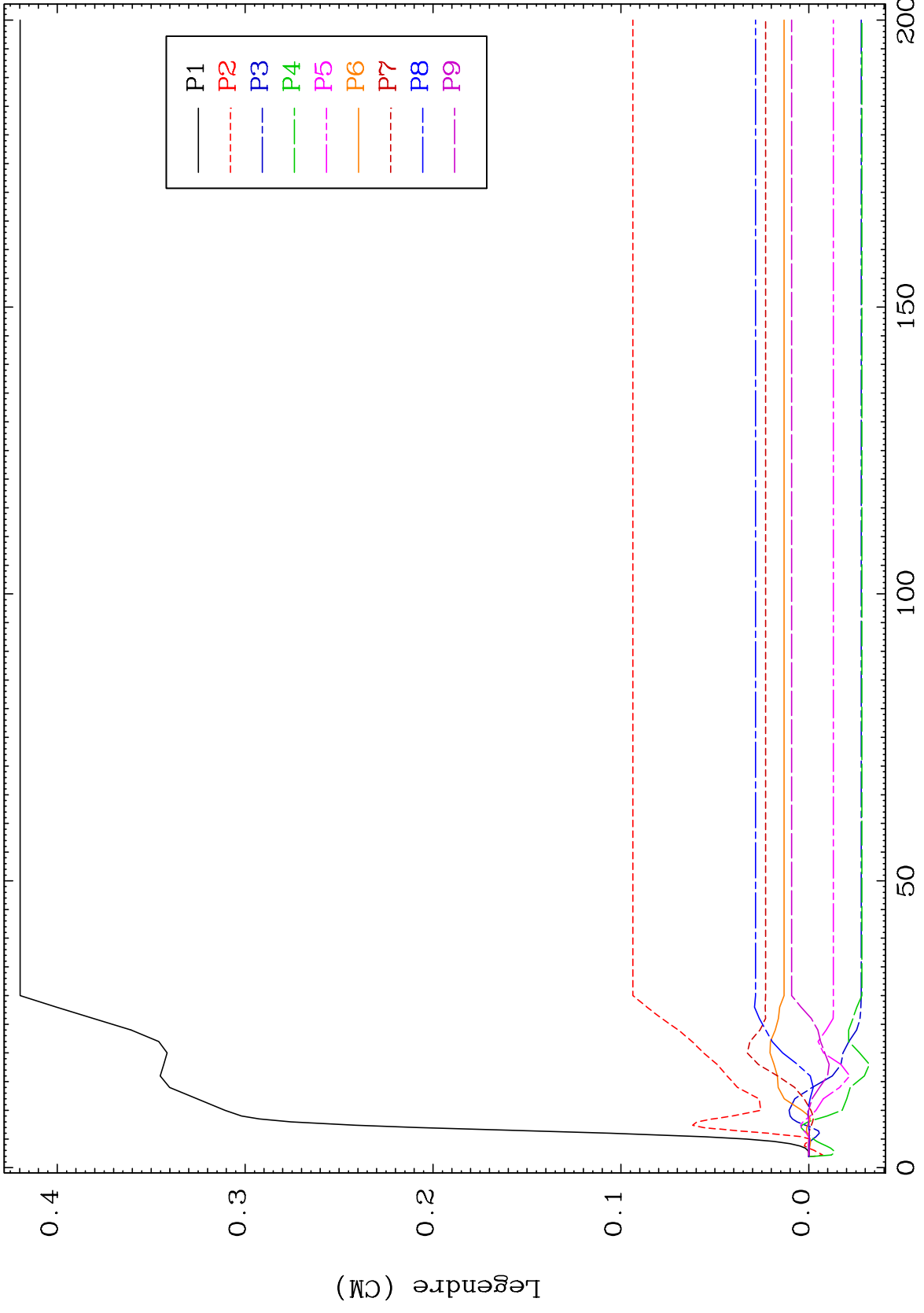
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



71

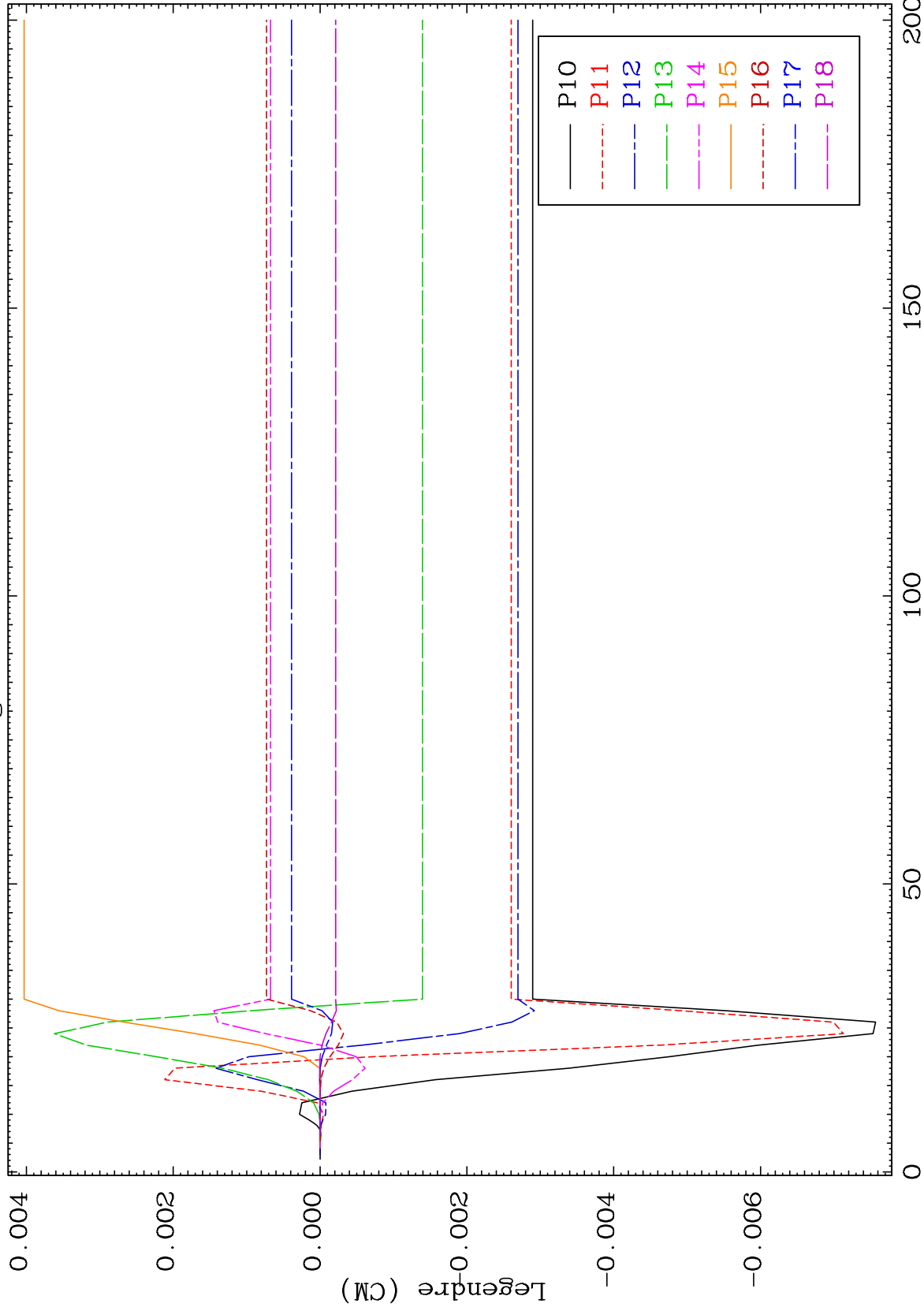
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



72

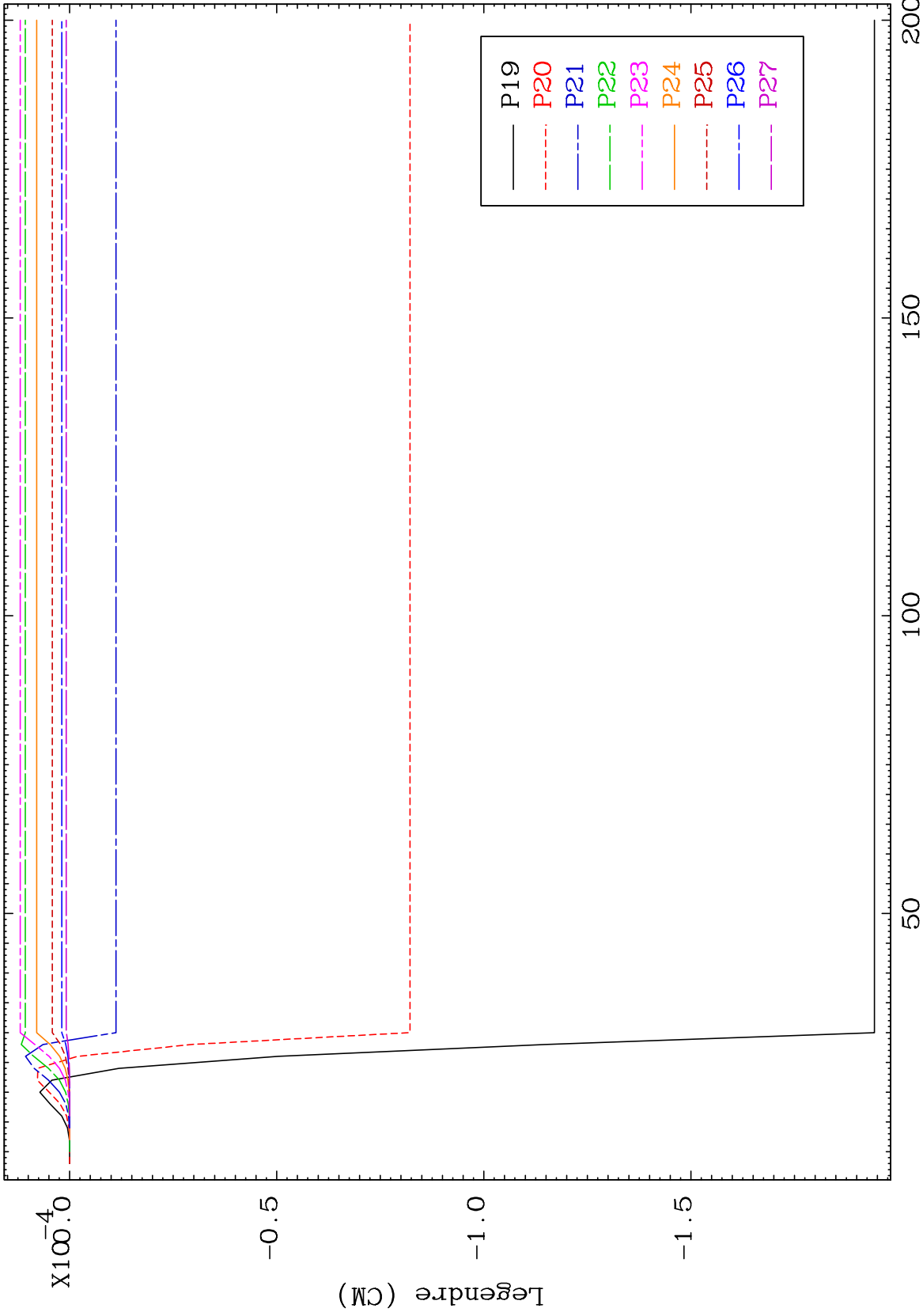
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



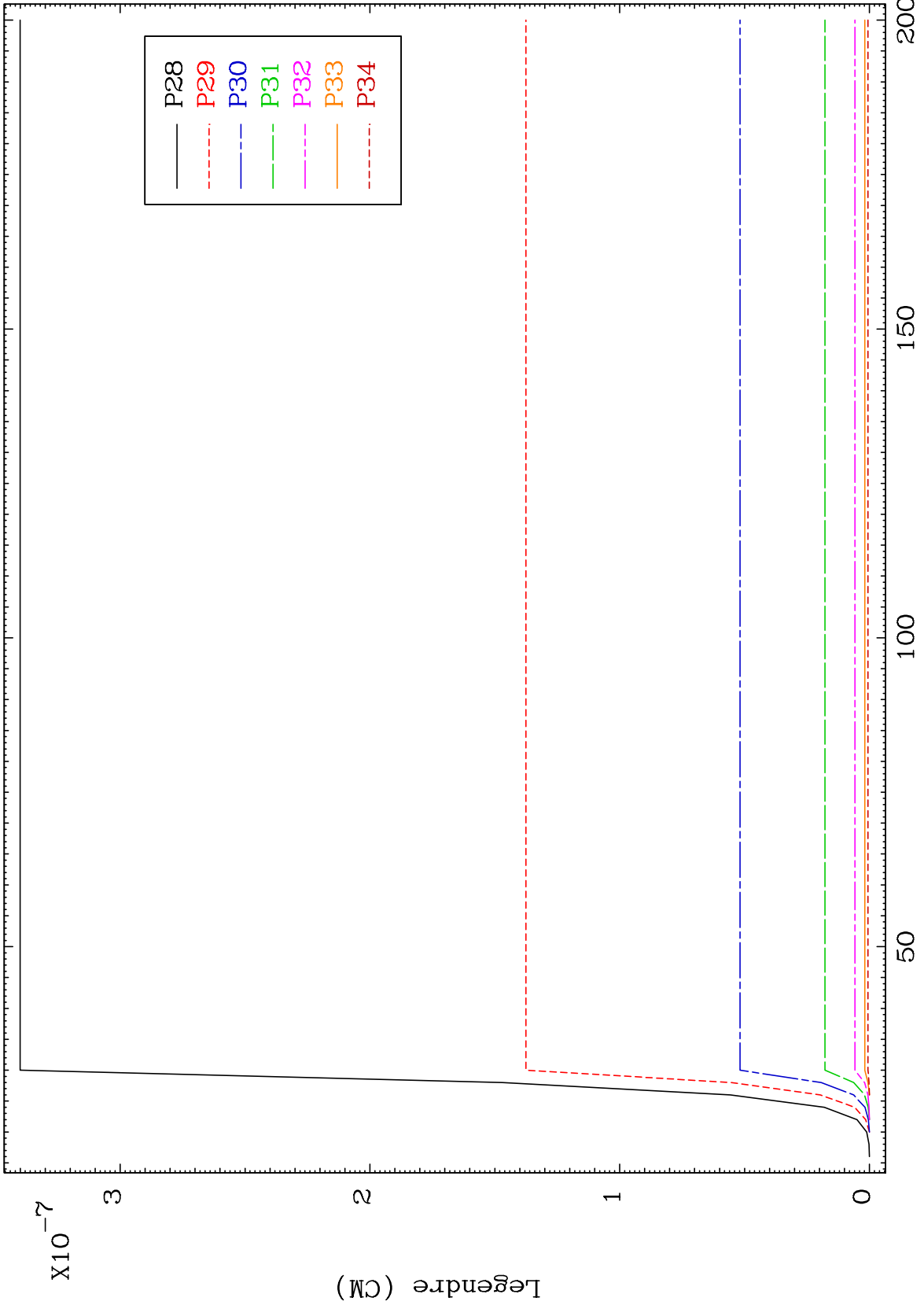
73

56-Ba-126

MAT 5613

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

56-Ba-126



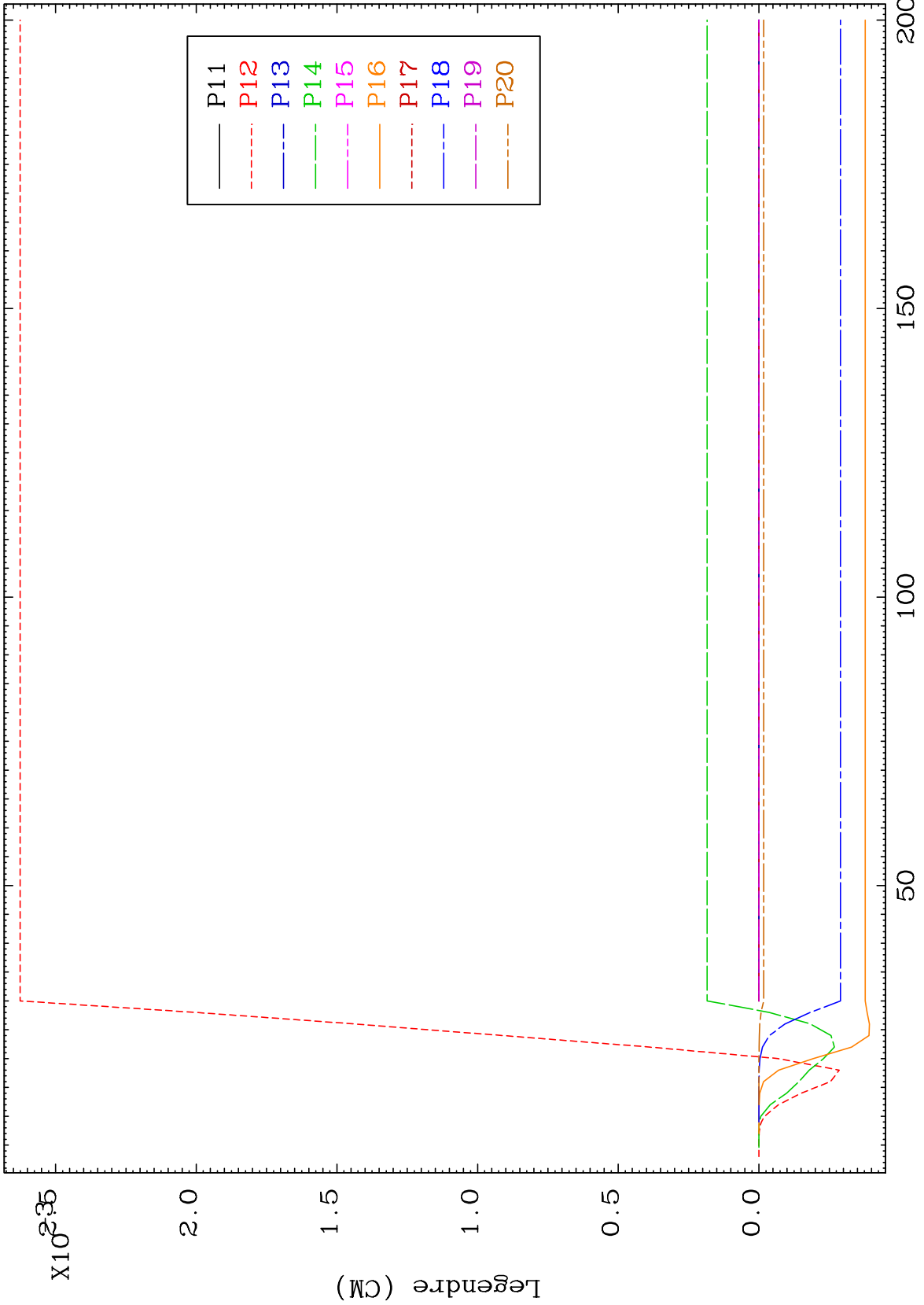
74

56-Ba-126

MAT 5613

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

56-Ba-126



76

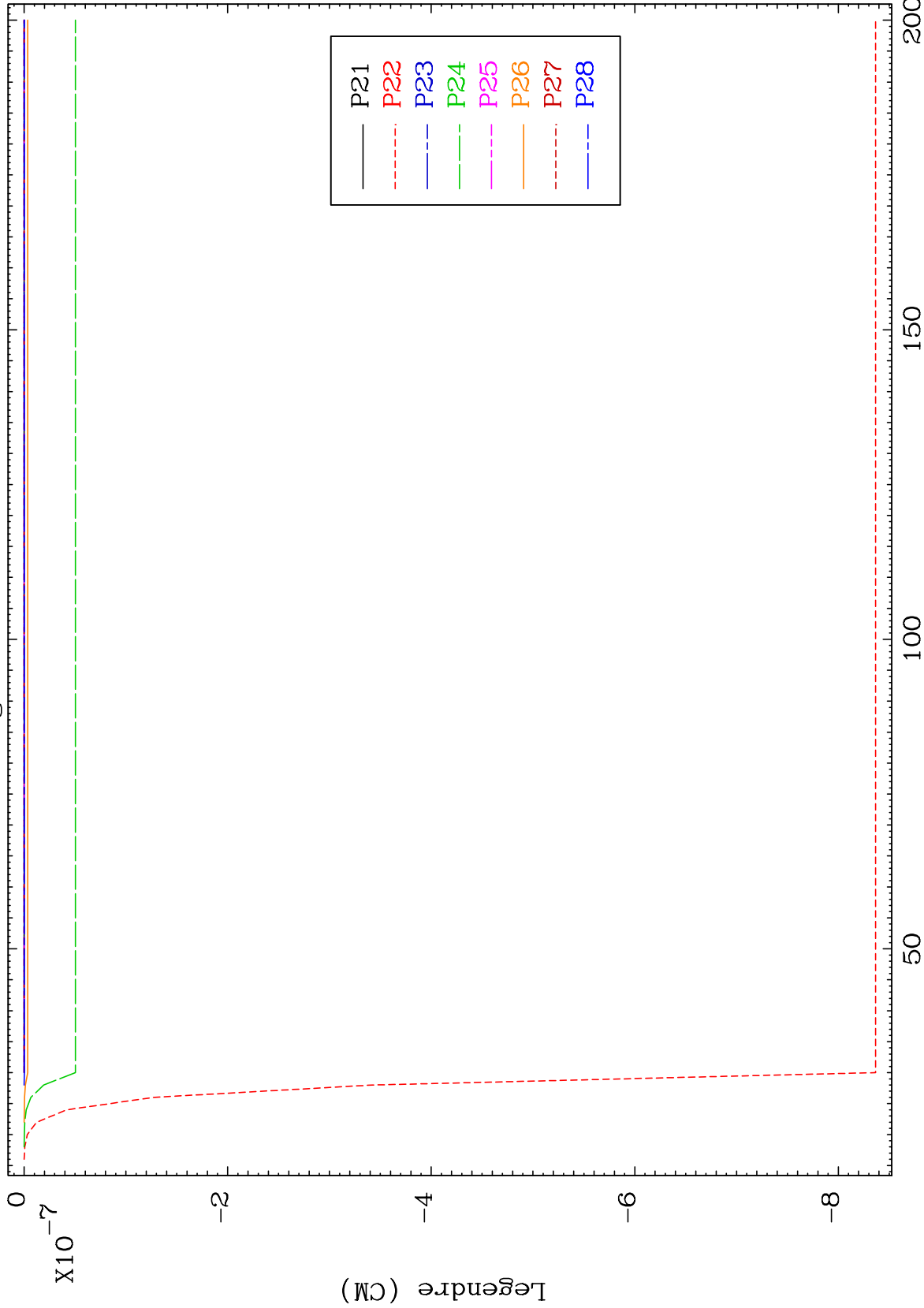
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



77

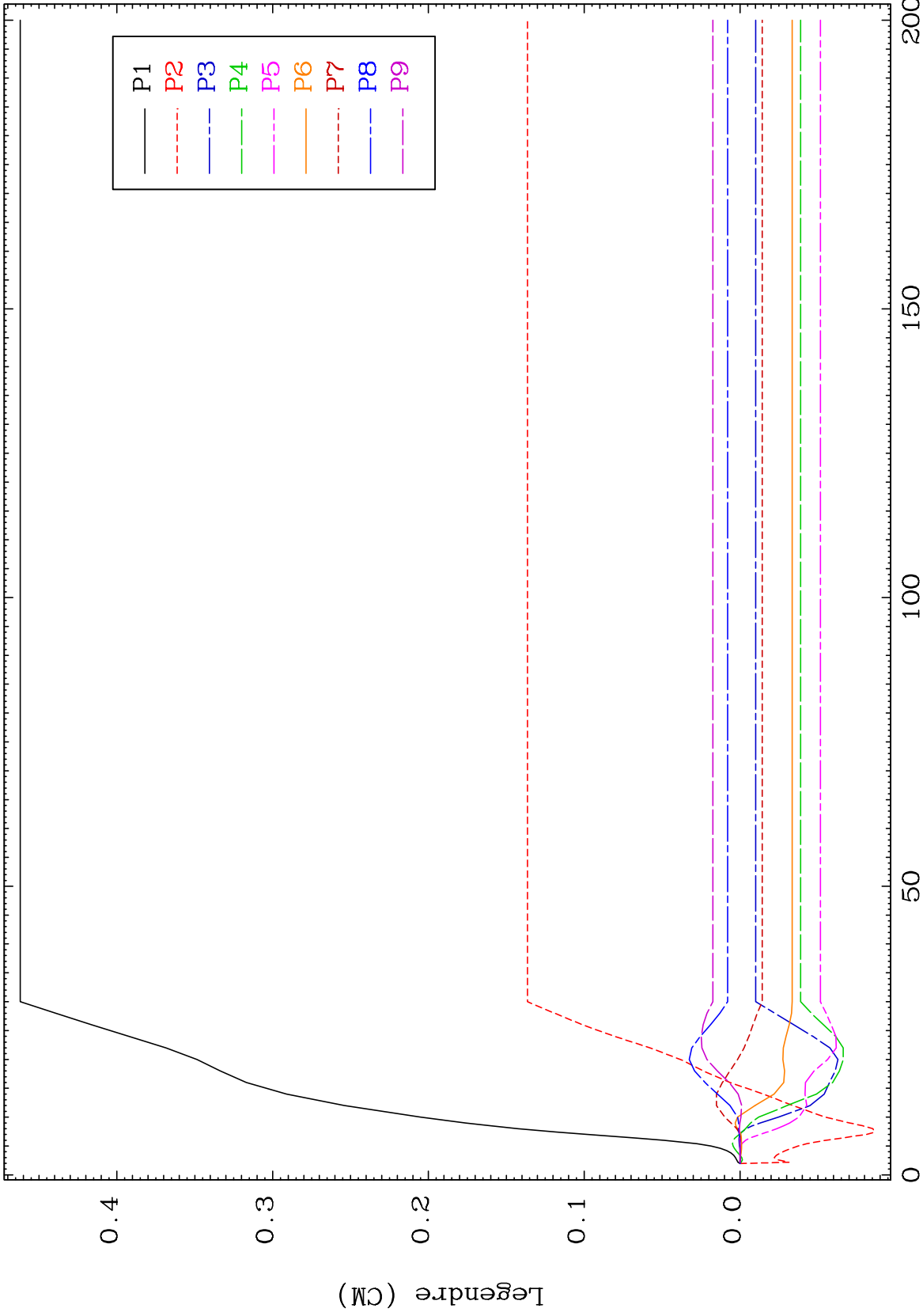
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



78

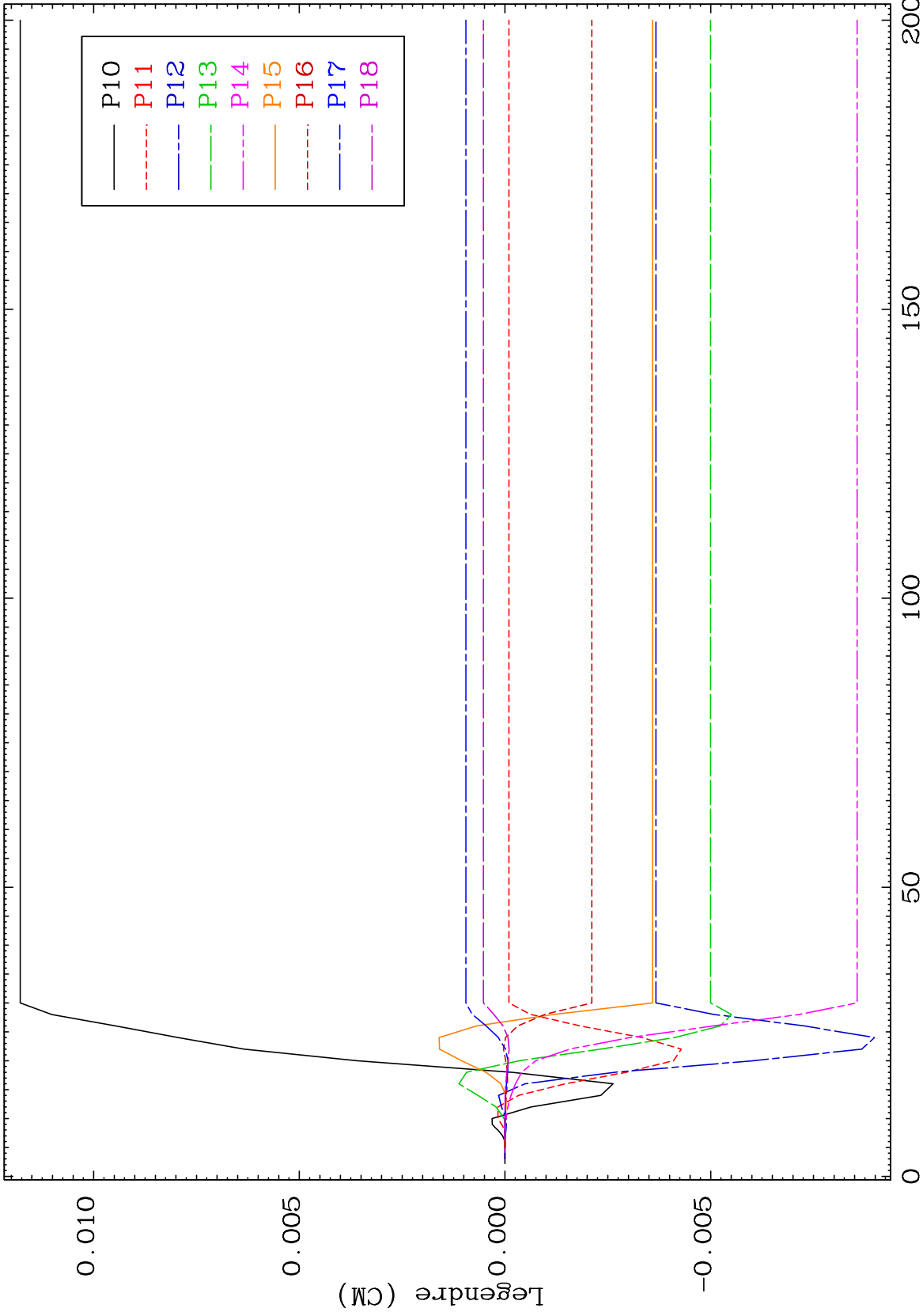
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



79

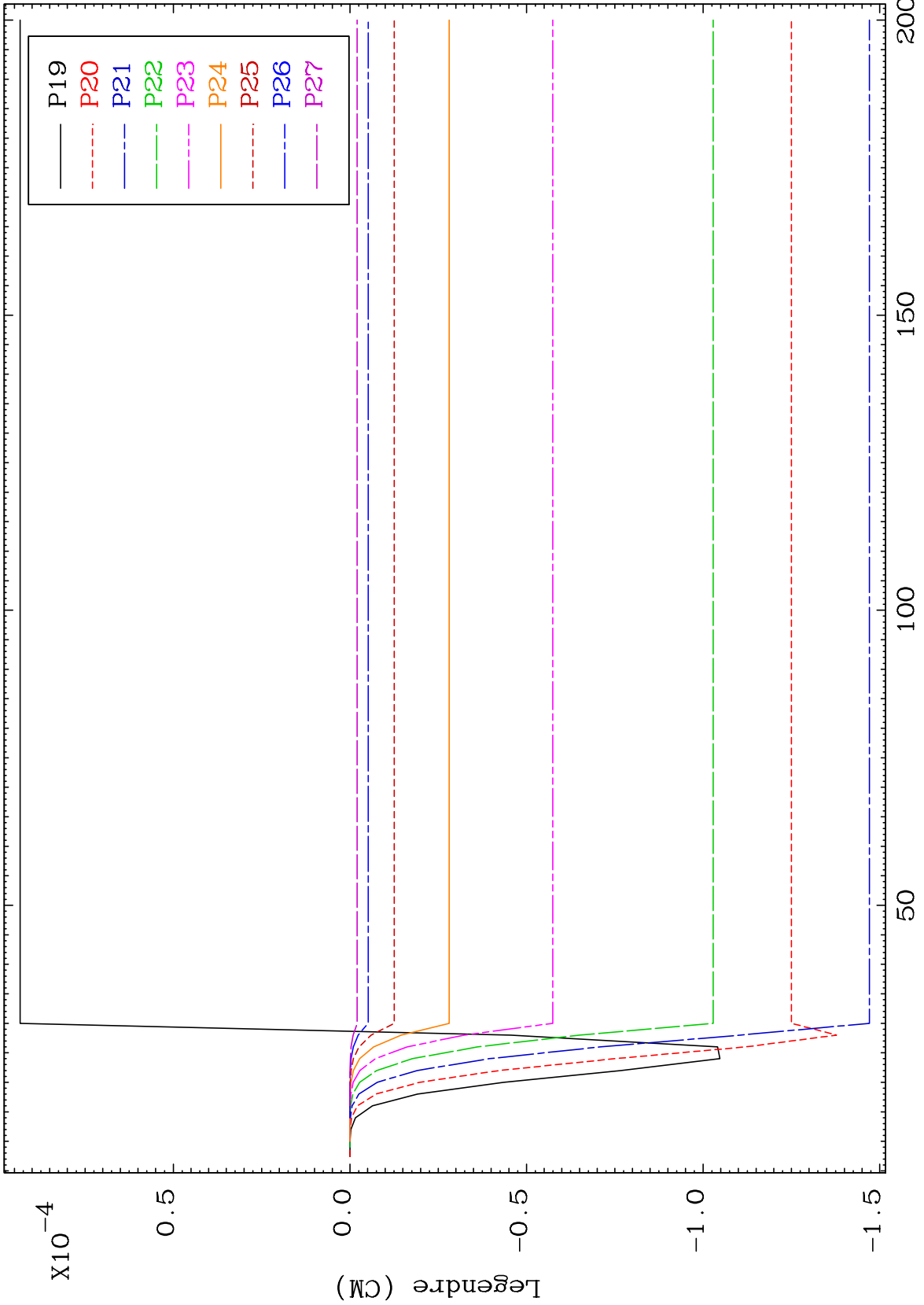
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



80

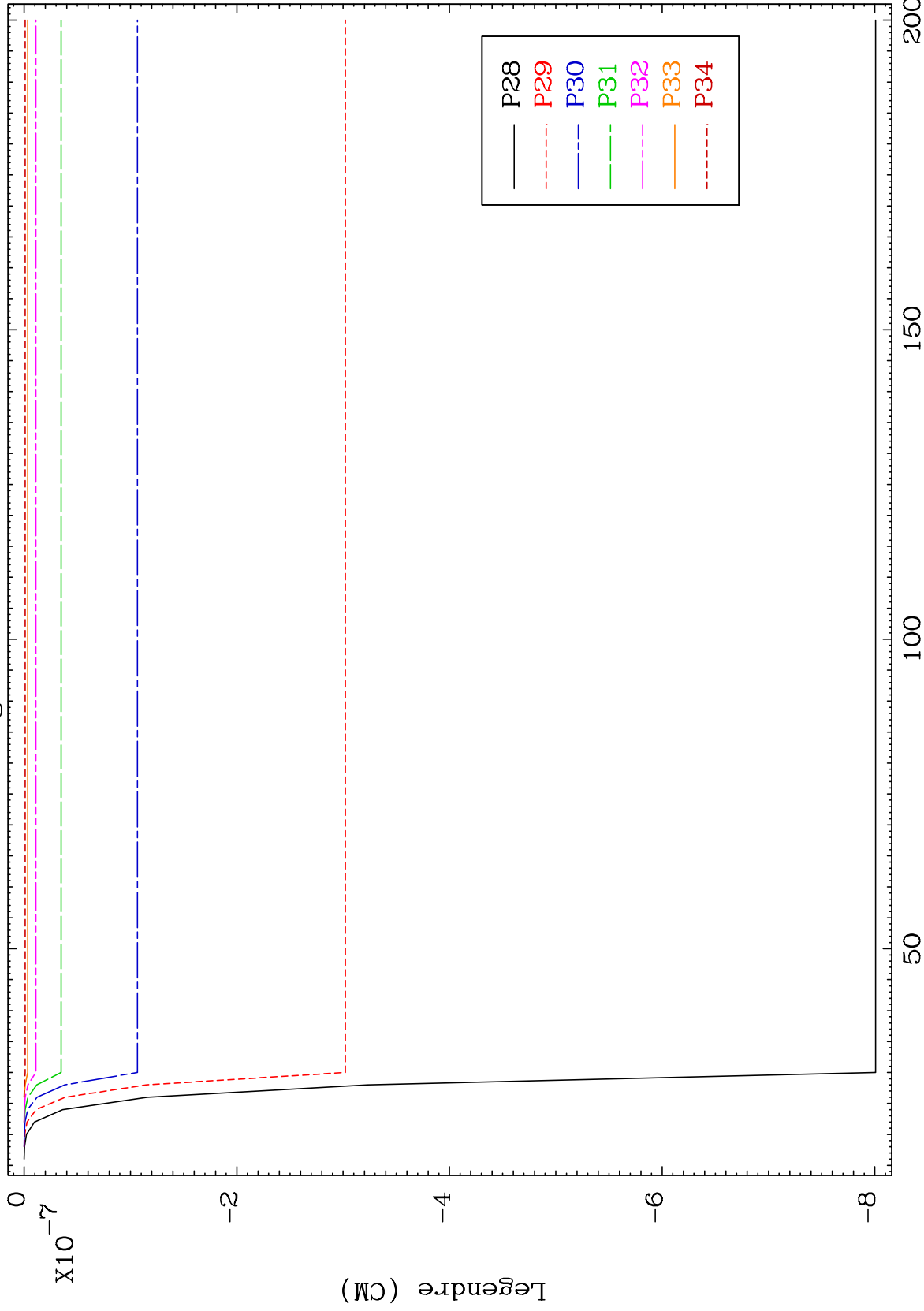
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

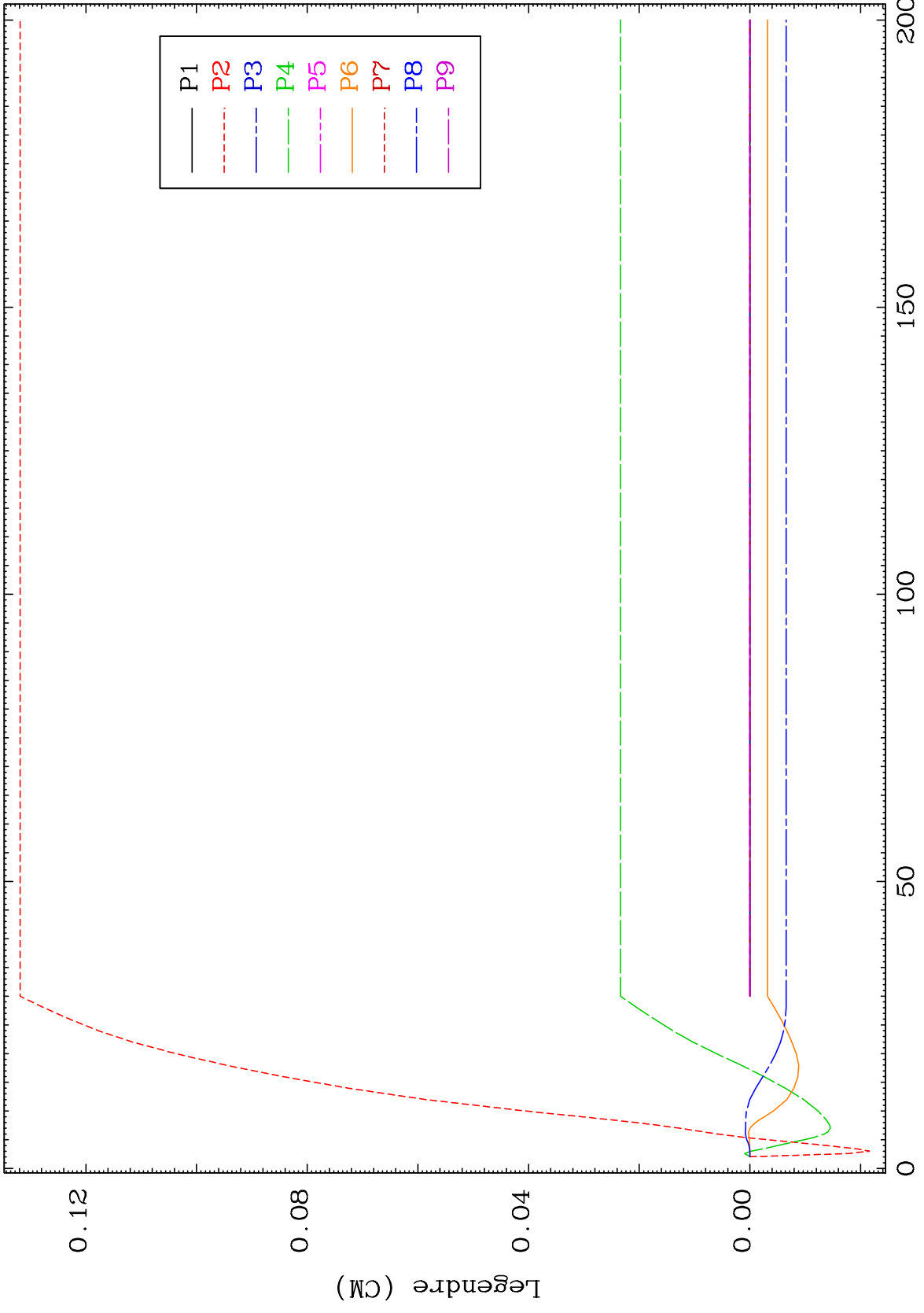
56-Ba-126



81

56-Ba-126

MAT 5613 MT= 68 (n,n') Level Legendre Coefficients 56-Ba-126

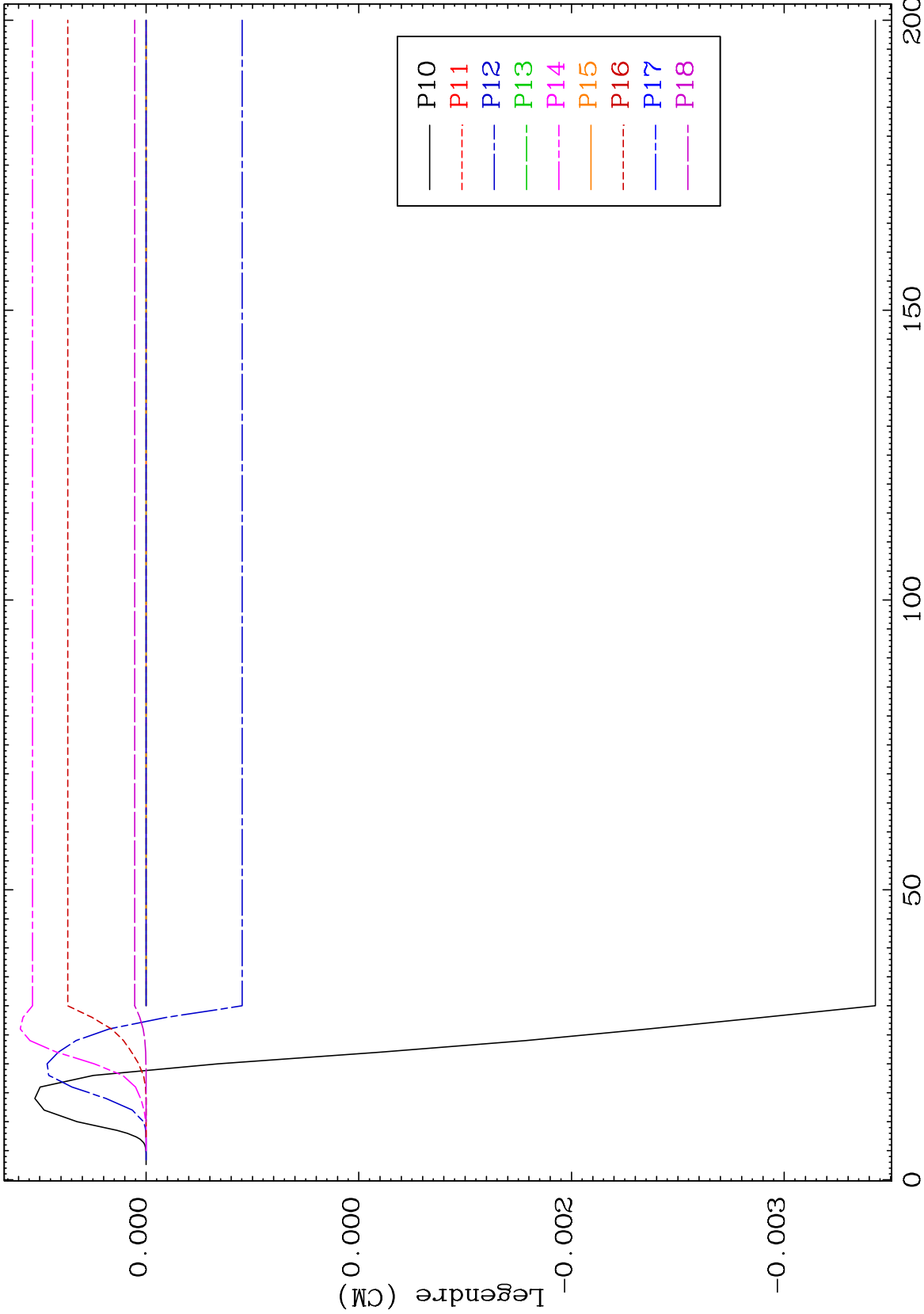


82 Incident Energy (MeV) 56-Ba-126

MAT 5613

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

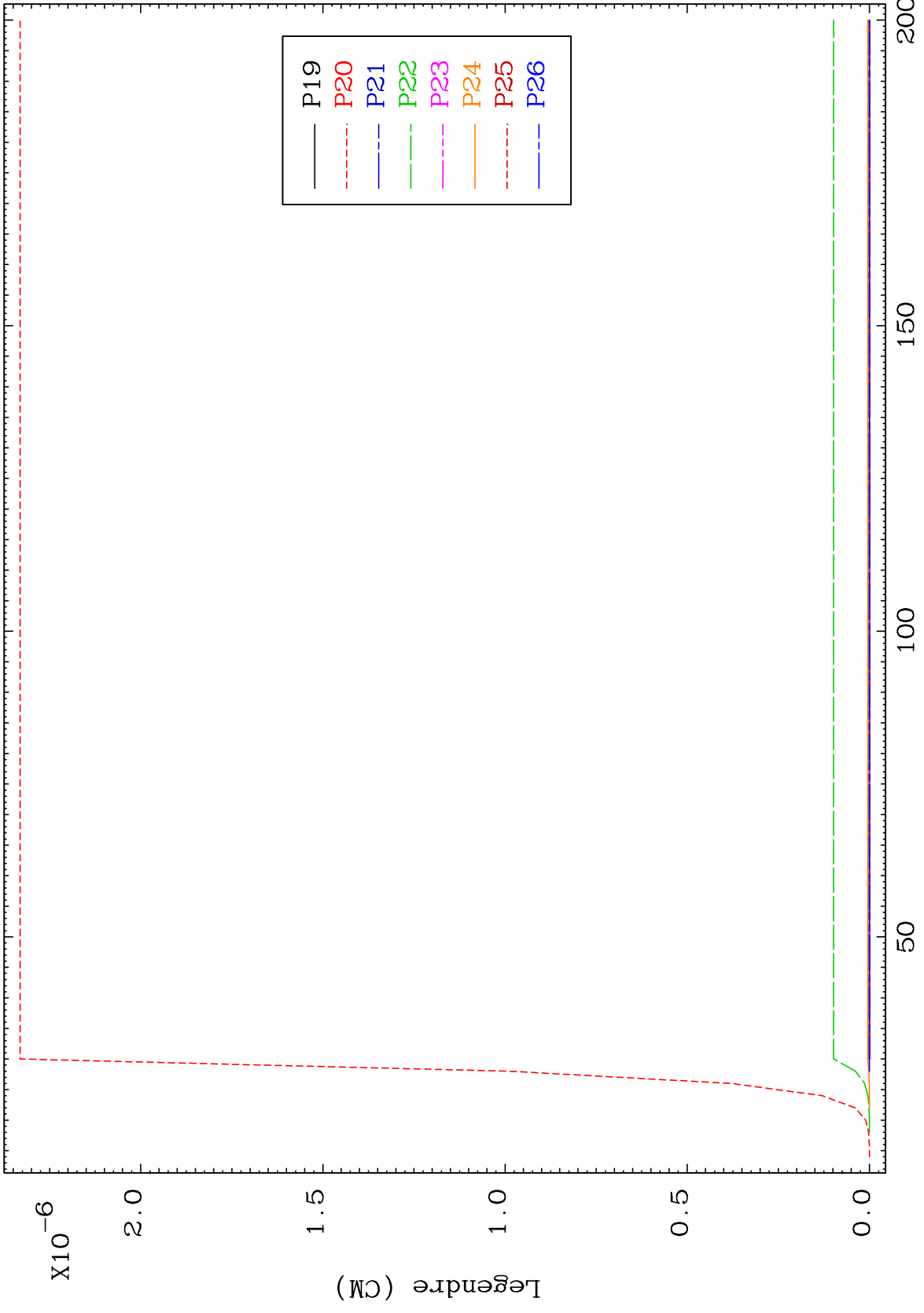
56-Ba-126



83

56-Ba-126

MAT 5613 MT= 68 (n,n') Level Legendre Coefficients 56-Ba-126

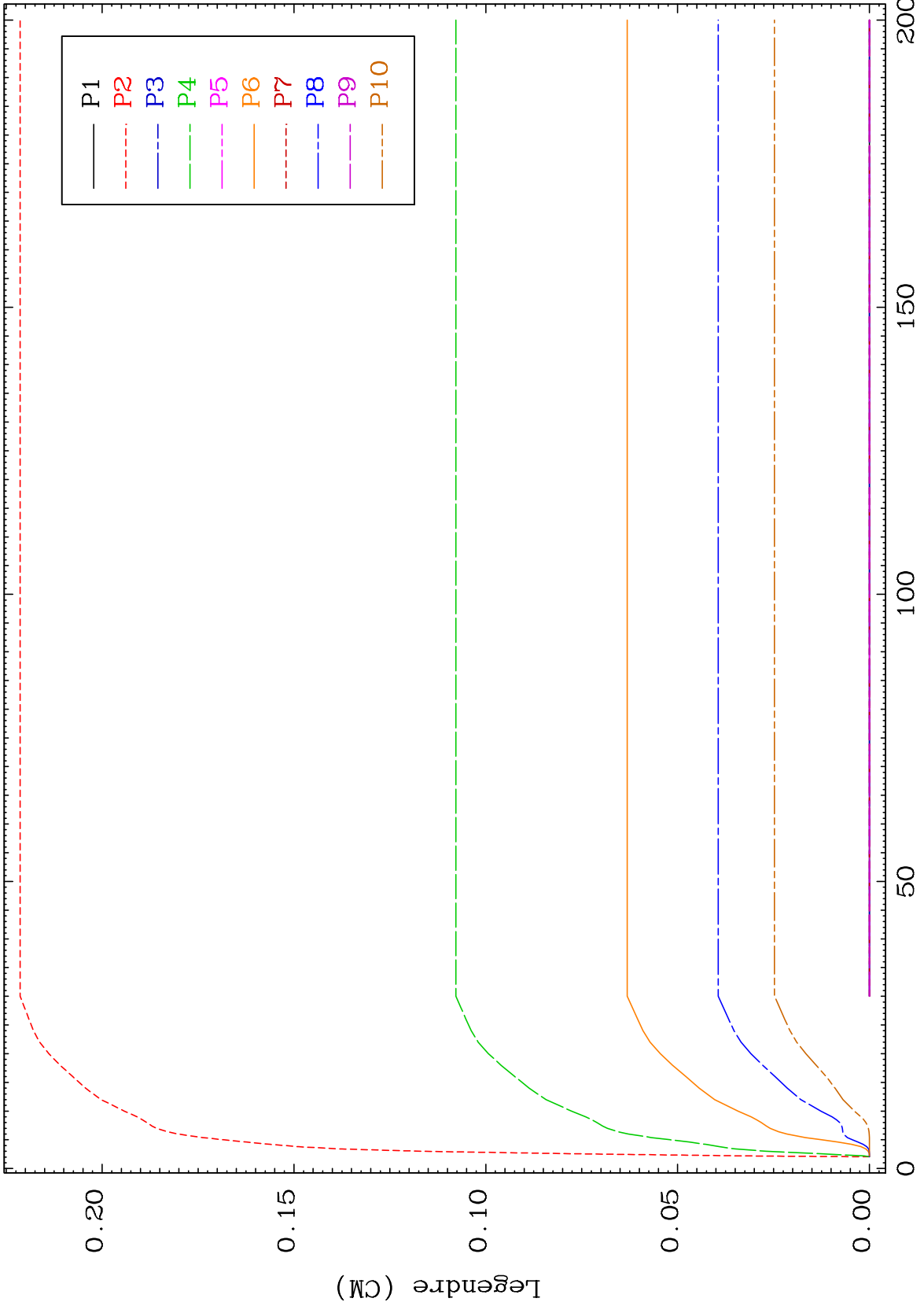


84 Incident Energy (MeV) 56-Ba-126

MAT 5613

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

56-Ba-126

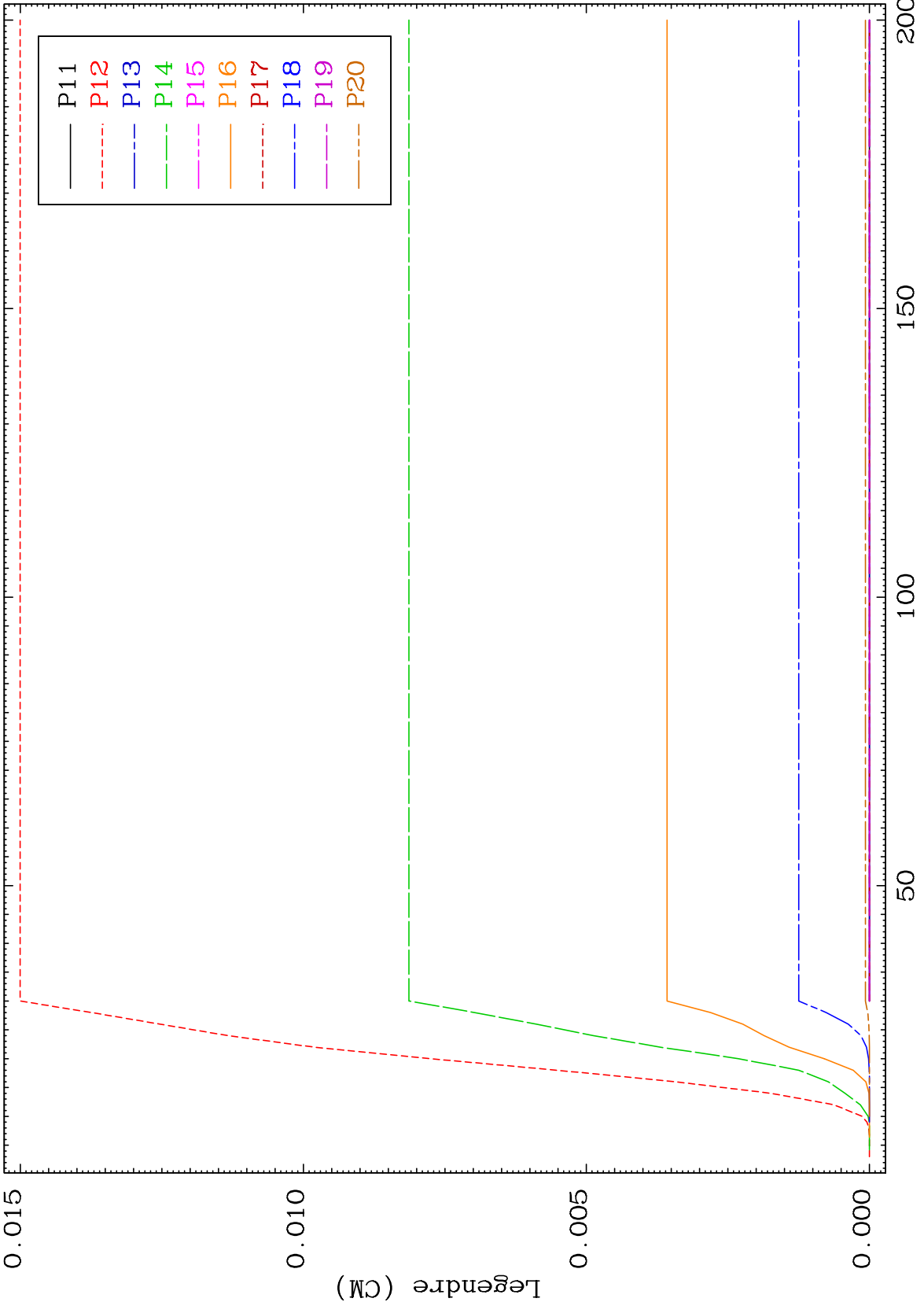


85

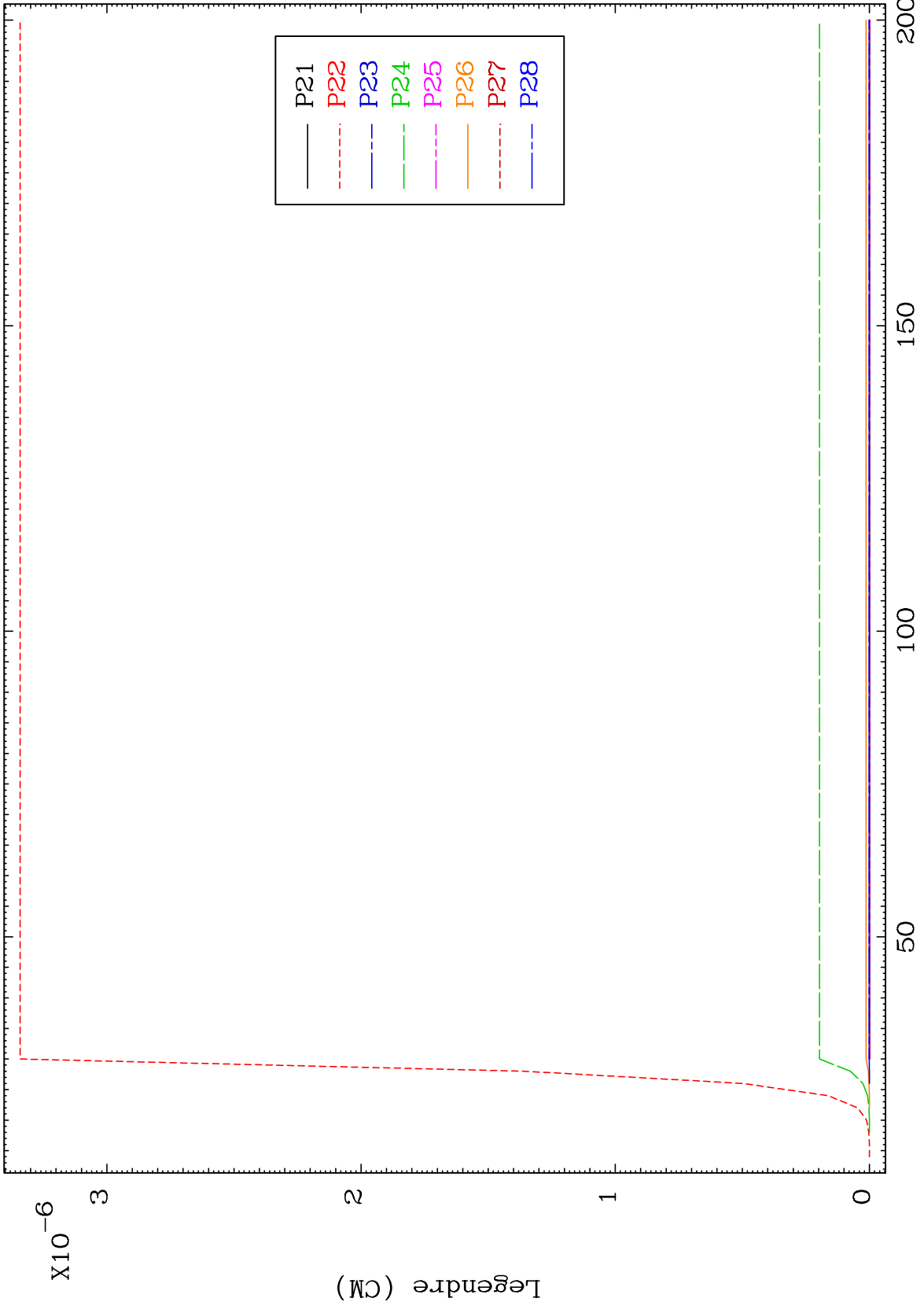
Incident Energy (MeV)

56-Ba-126

MAT 5613 MT= 69 (n,n') Level Legendre Coefficients 56-Ba-126



MAT 5613 MT= 69 (n,n') Level Legendre Coefficients 56-Ba-126

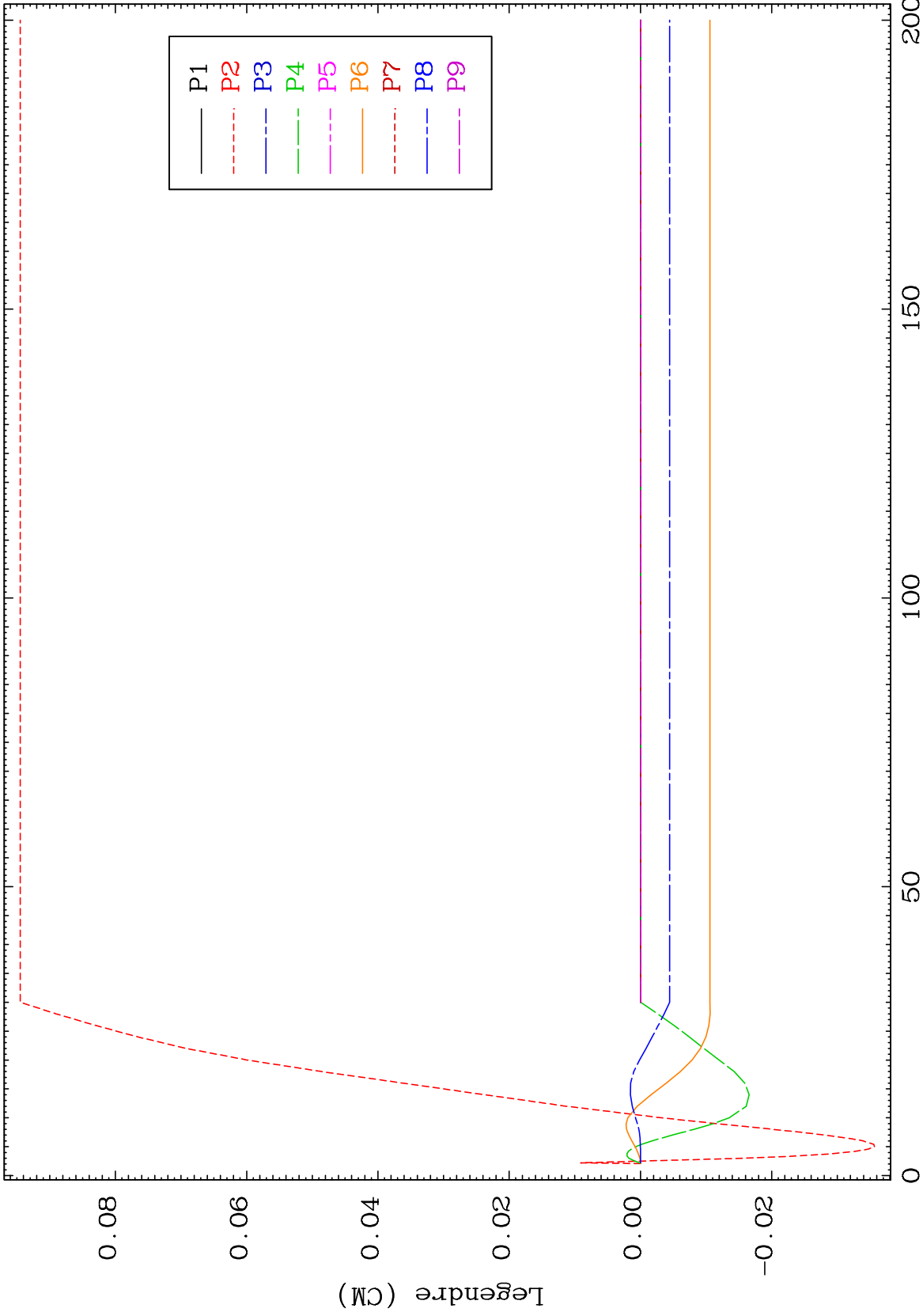


87 56-Ba-126

MAT 5613

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

56-Ba-126



88

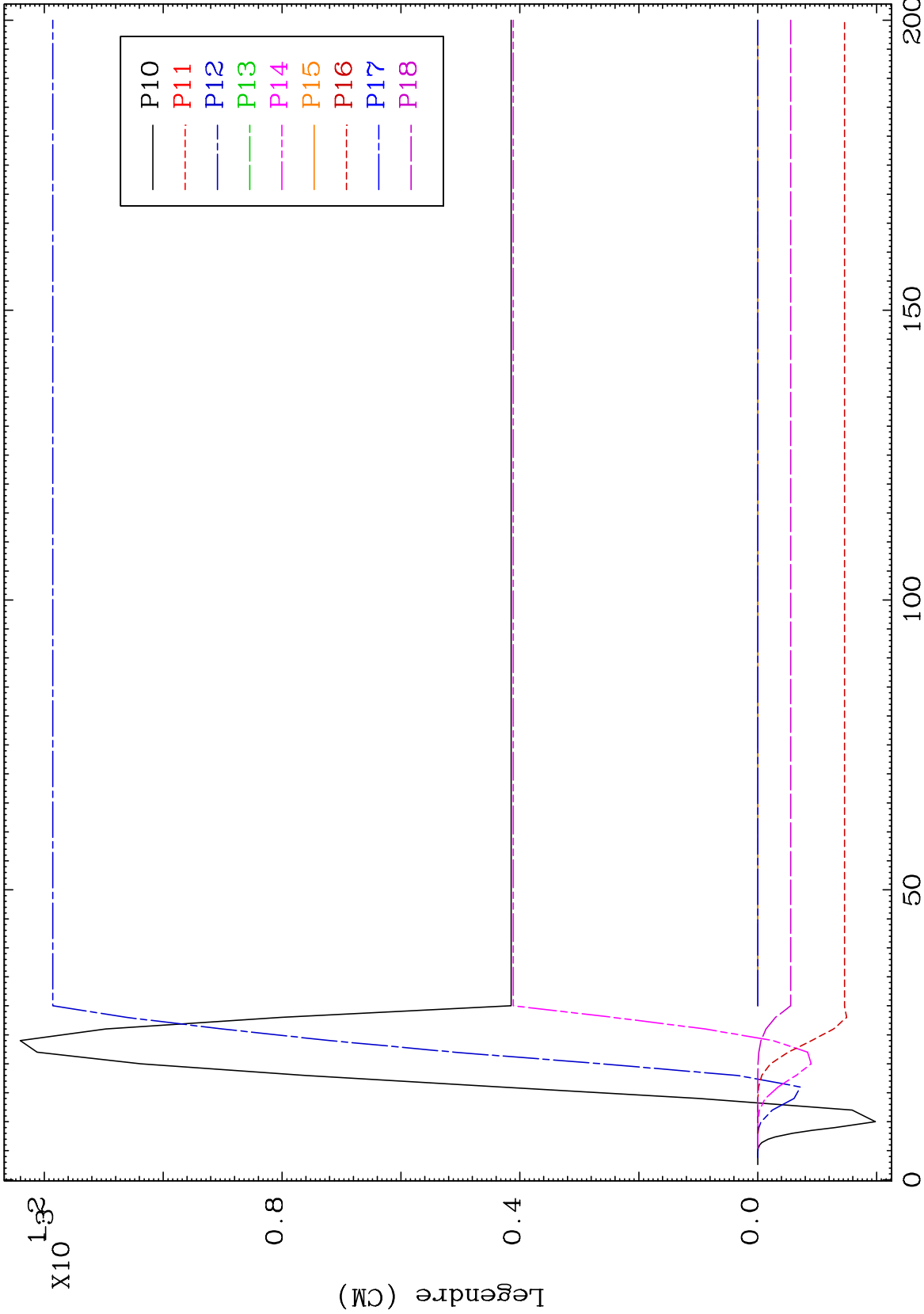
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



89

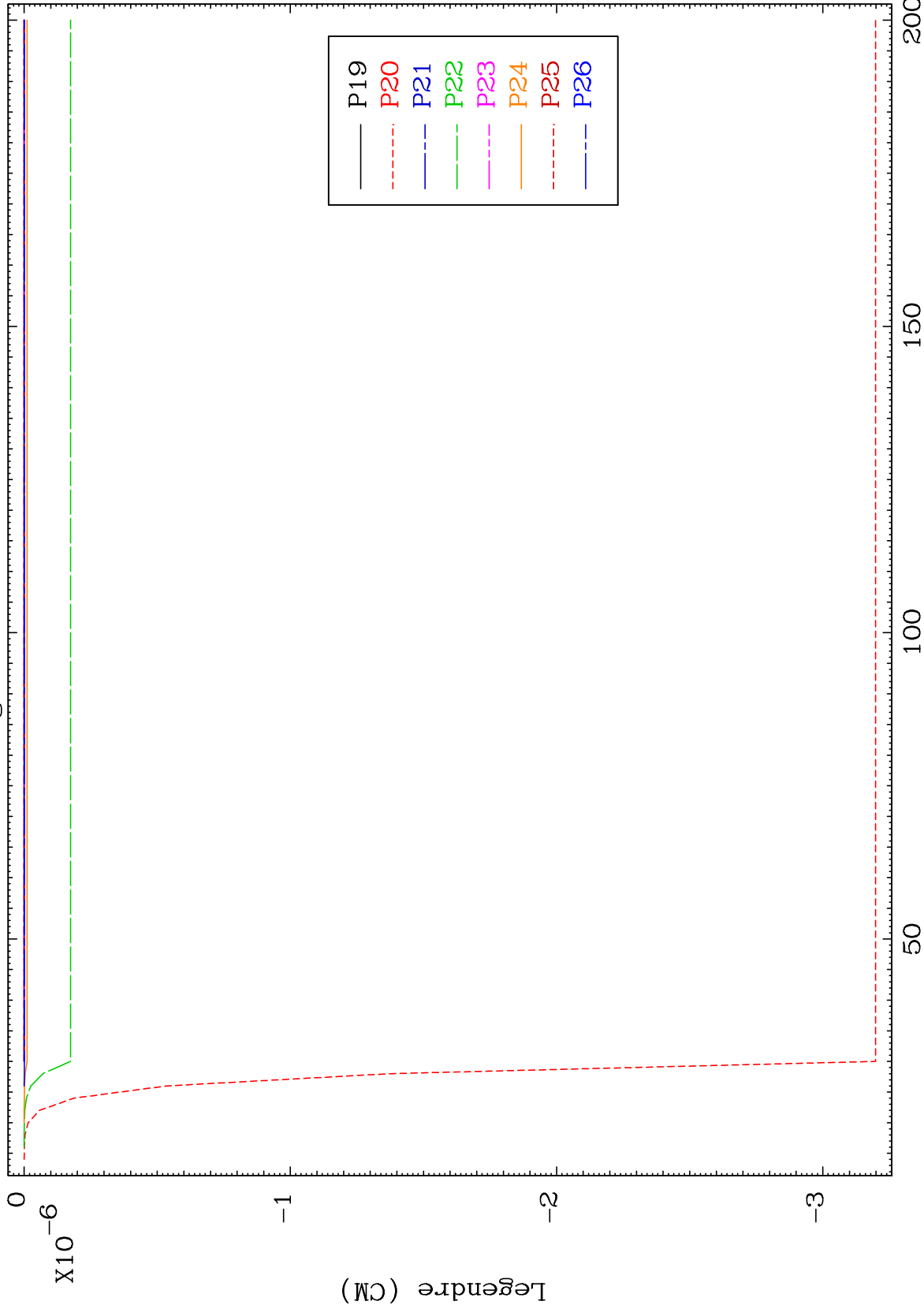
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



56-Ba-126

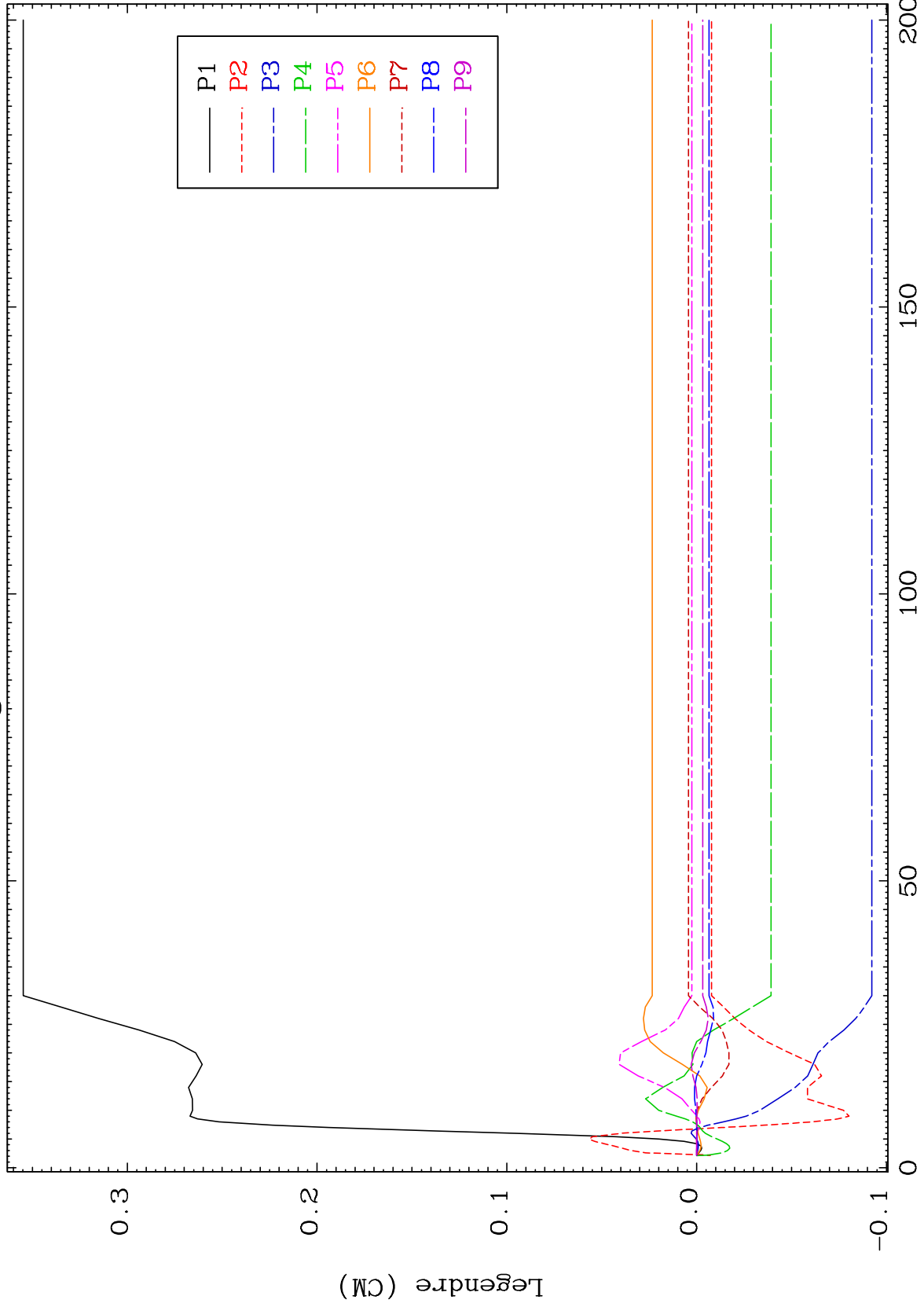
Incident Energy (MeV)

90

MAT 5613

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

56-Ba-126



91

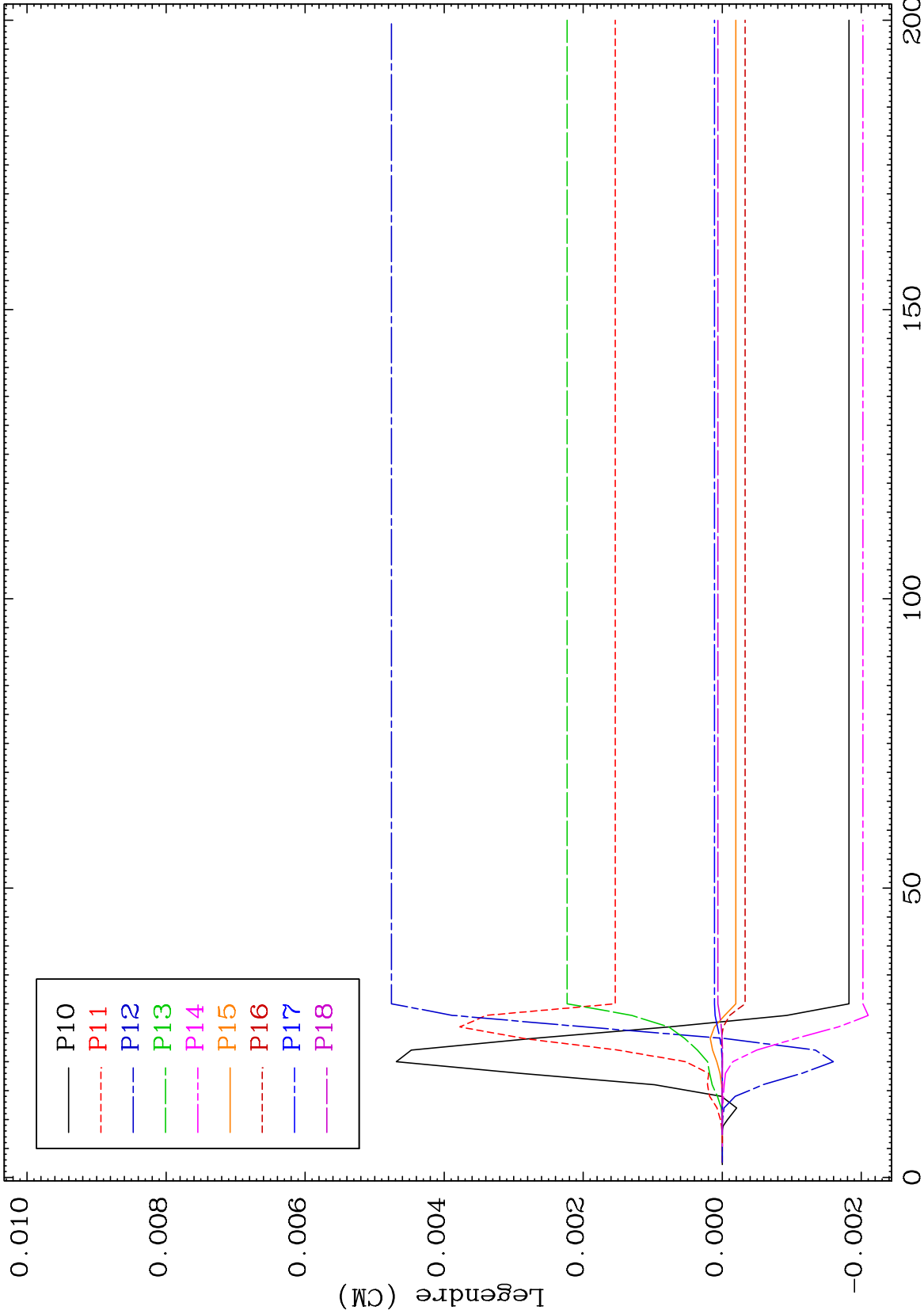
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



92

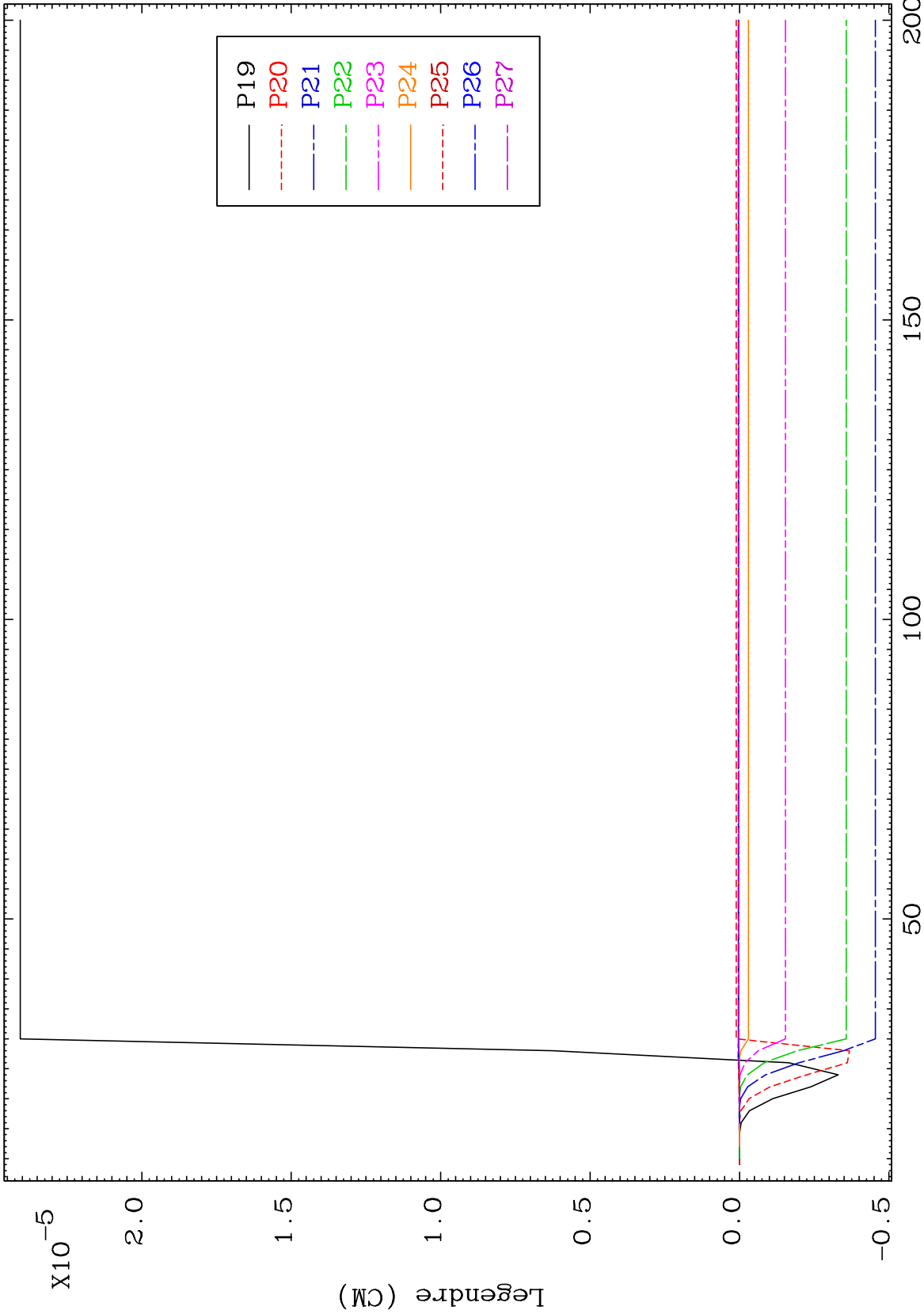
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



93

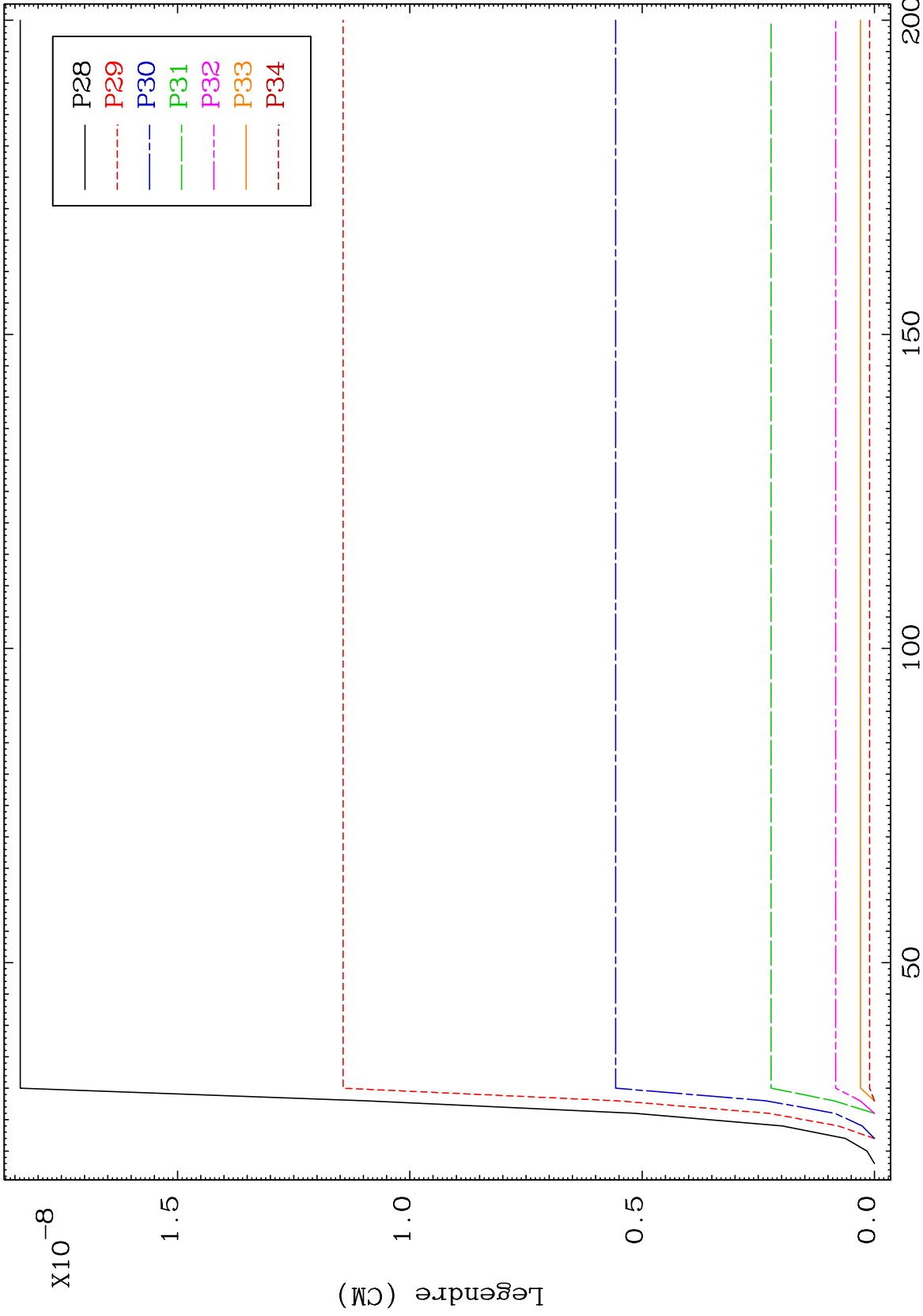
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



94

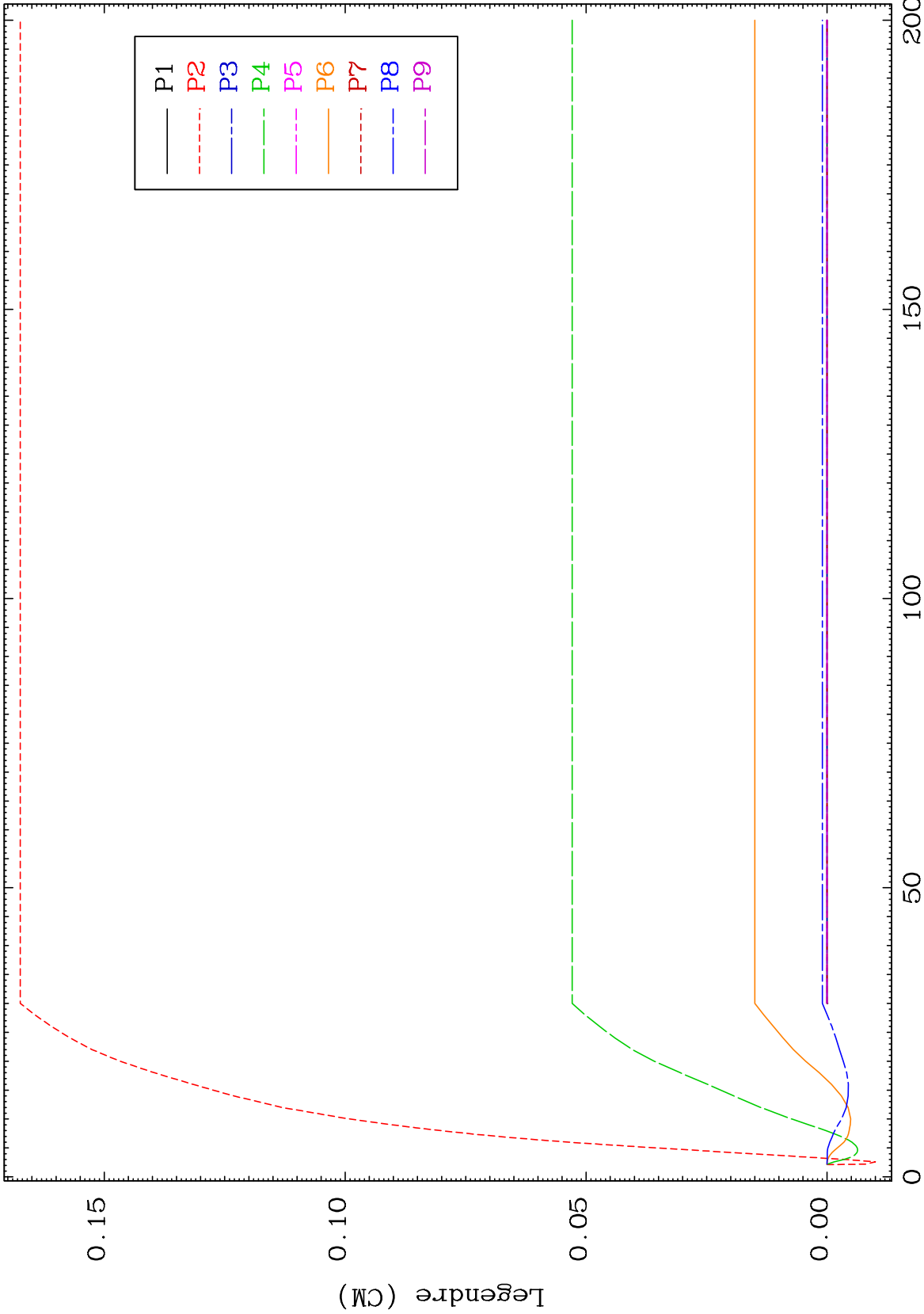
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



95

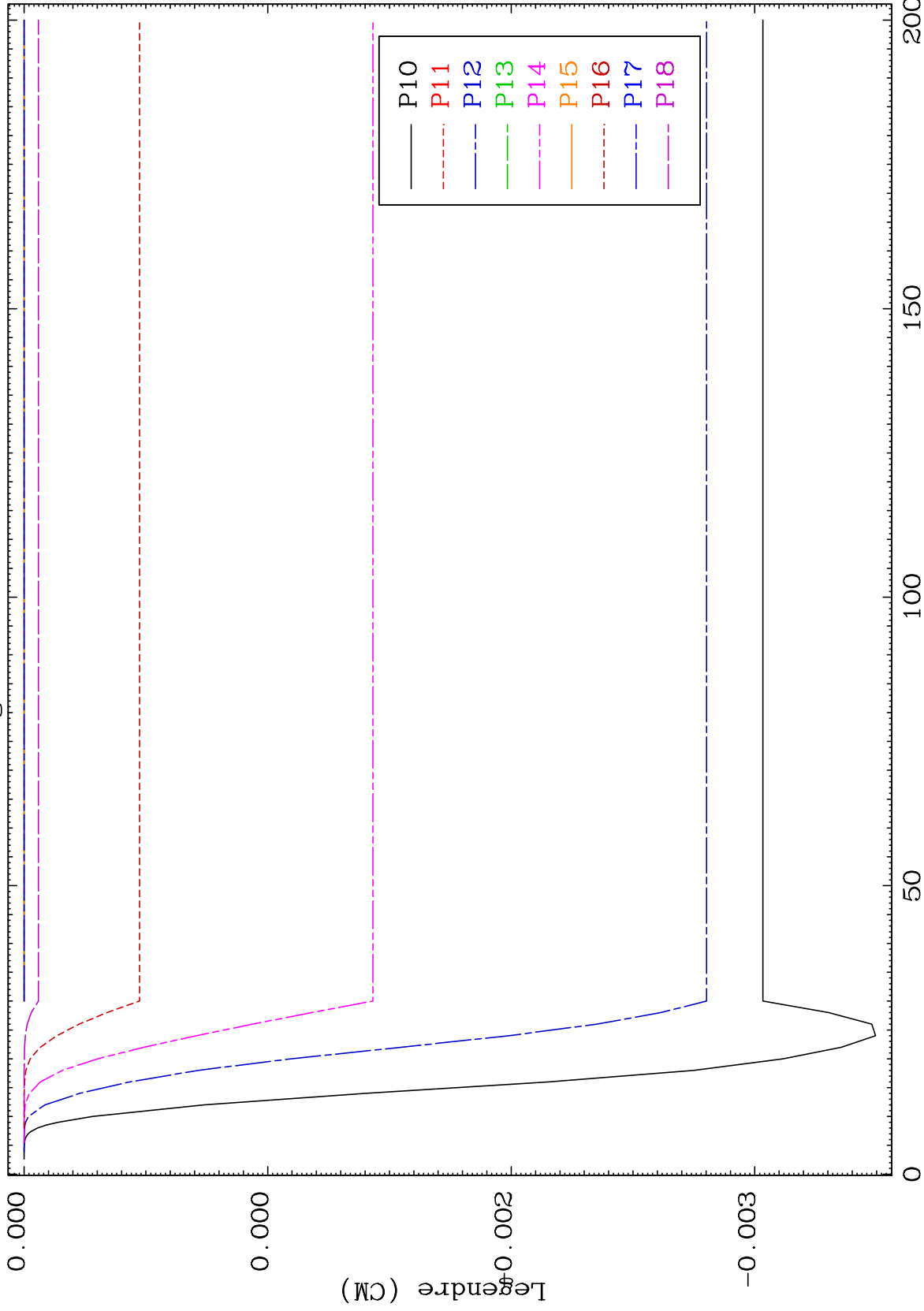
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



96

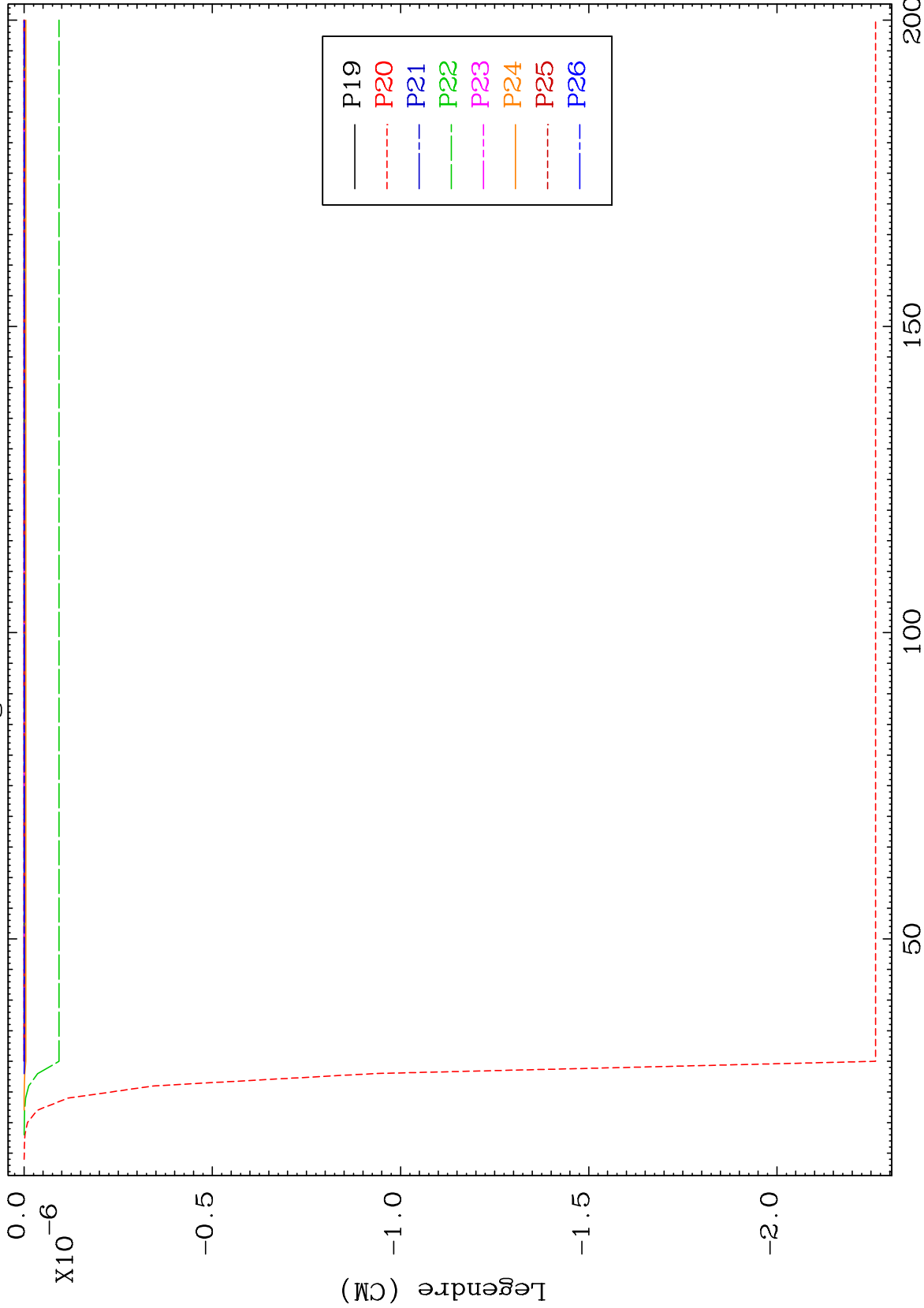
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



97

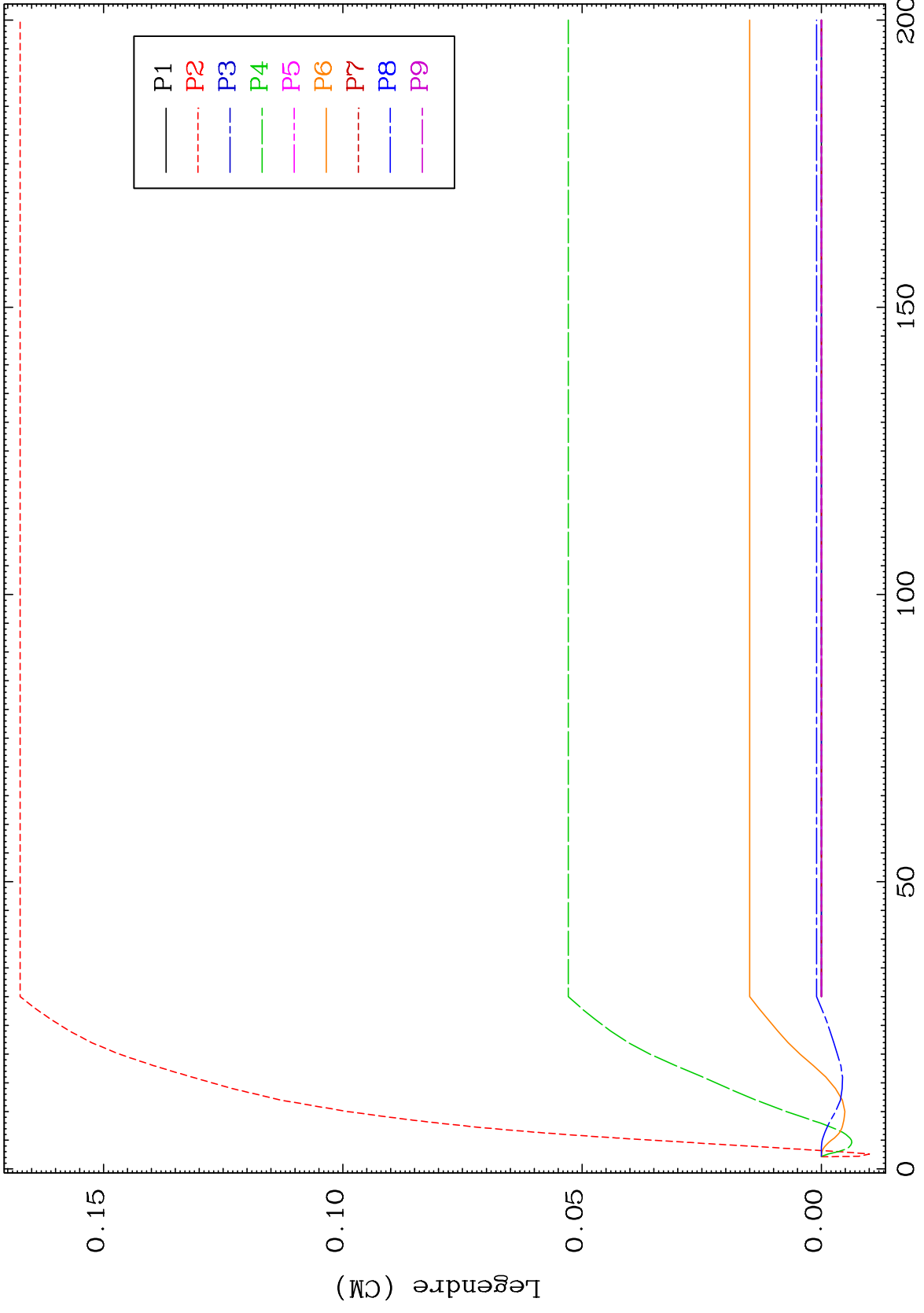
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



98

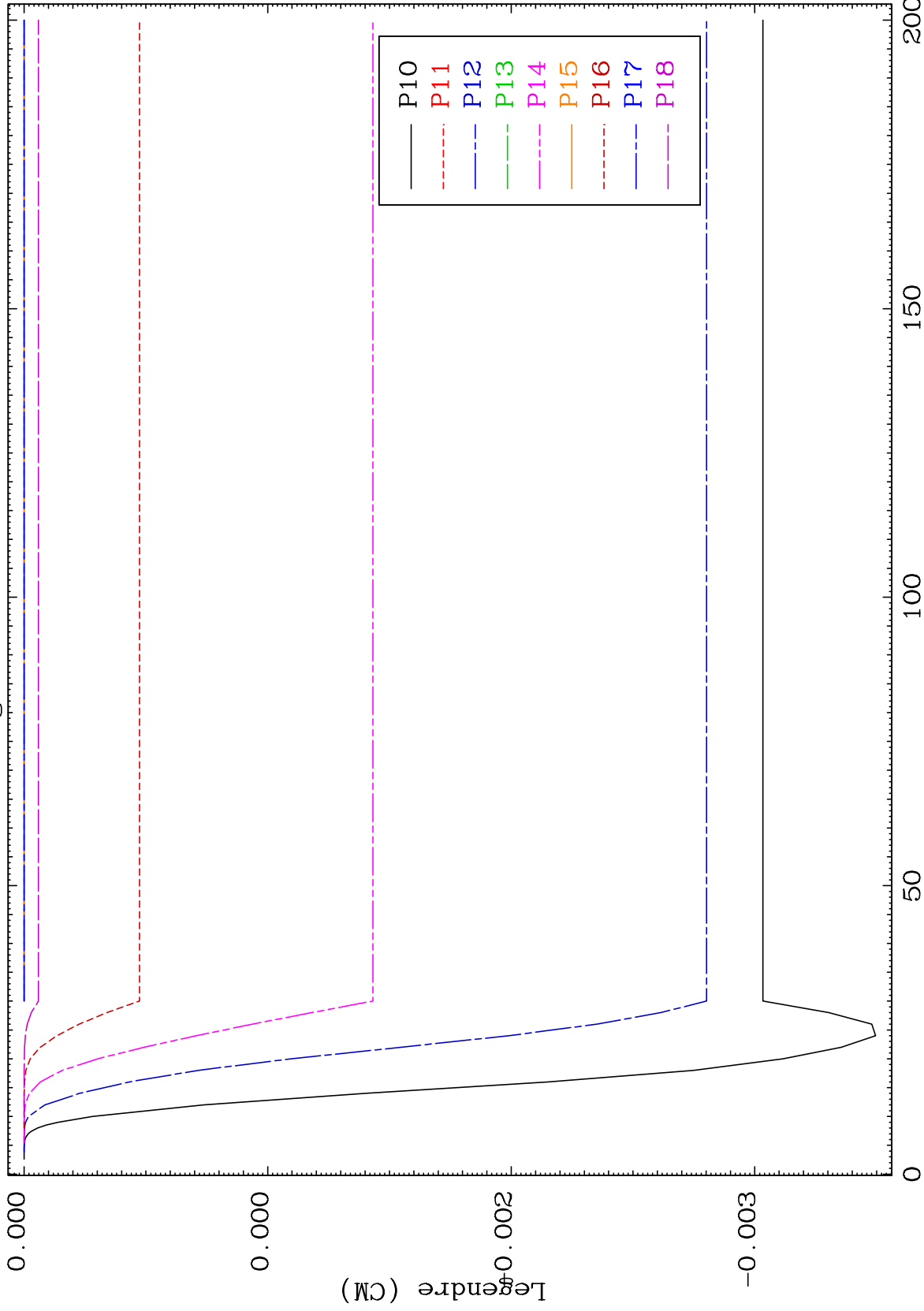
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



99

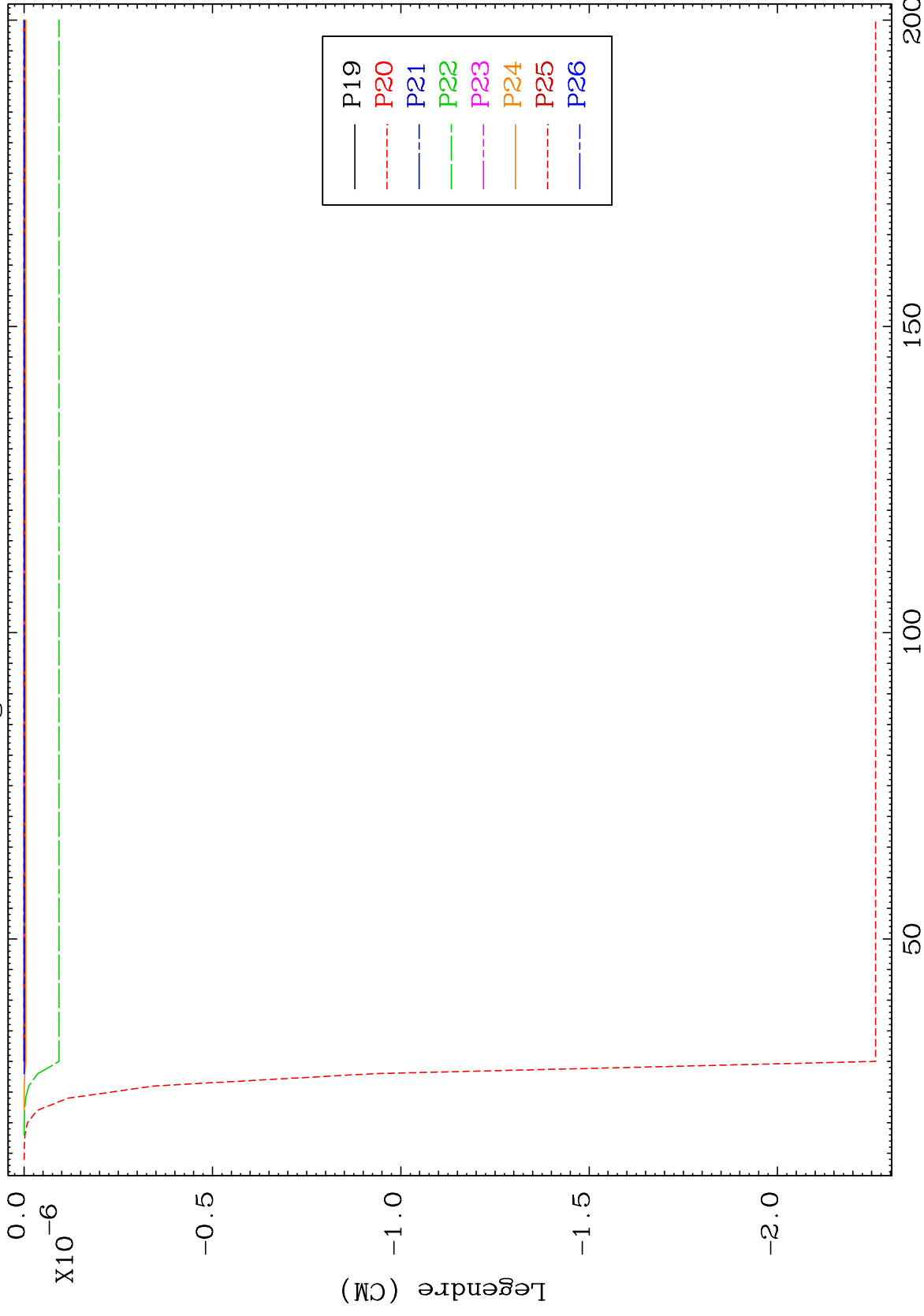
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



56-Ba-126

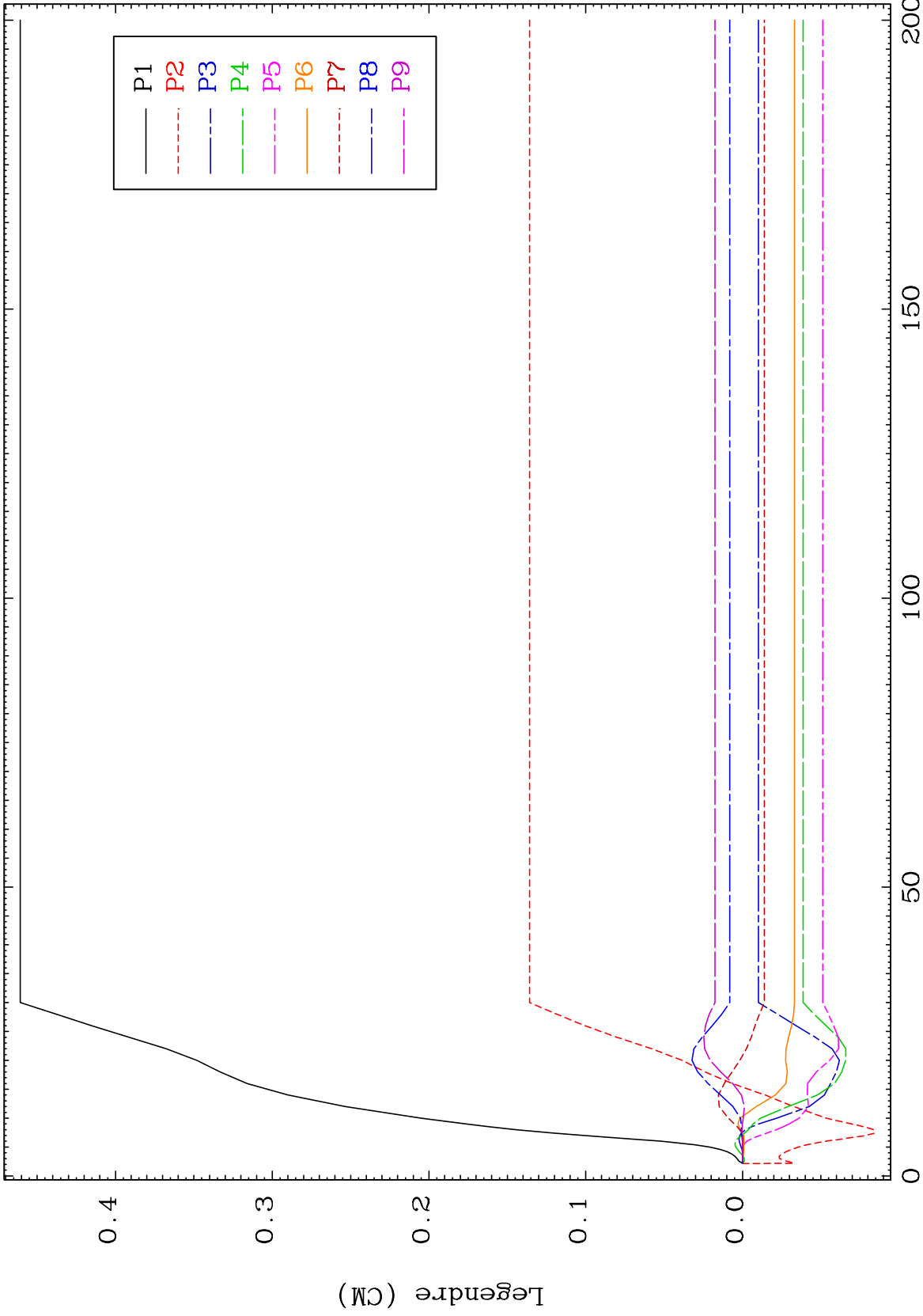
Incident Energy (MeV)

100

MAT 5613

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

56-Ba-126



56-Ba-126

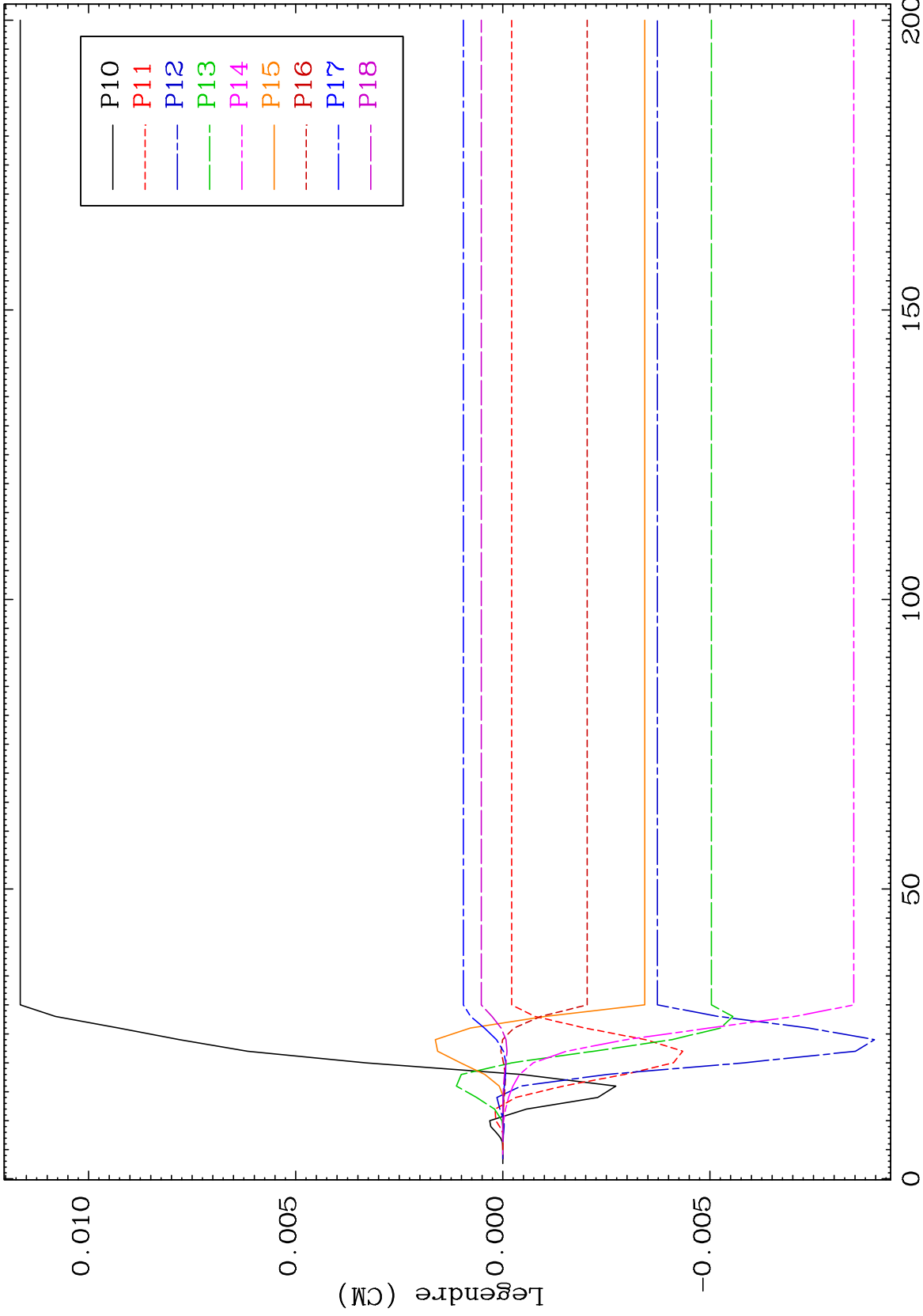
Incident Energy (MeV)

101

MAT 5613

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

56-Ba-126



102

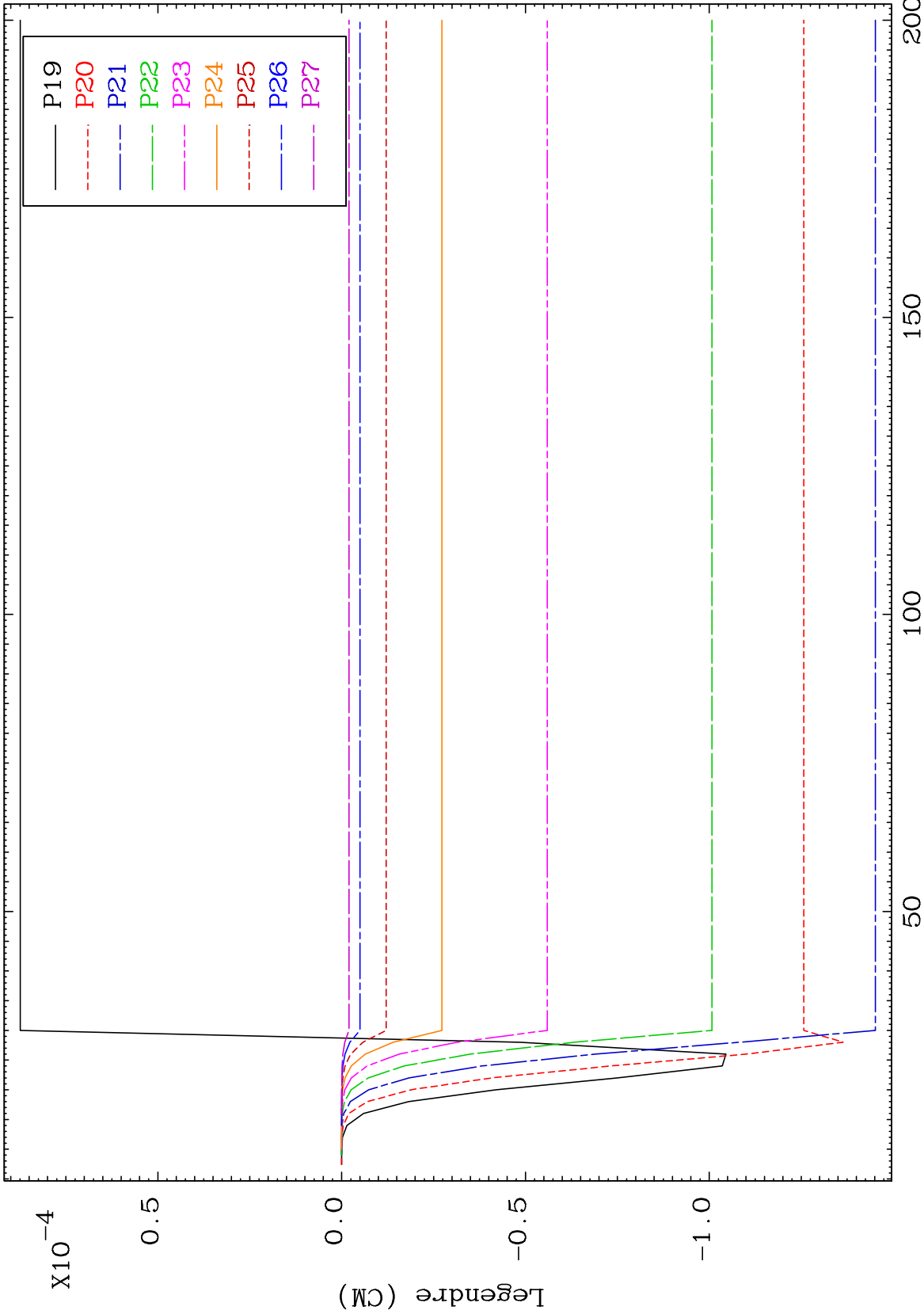
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



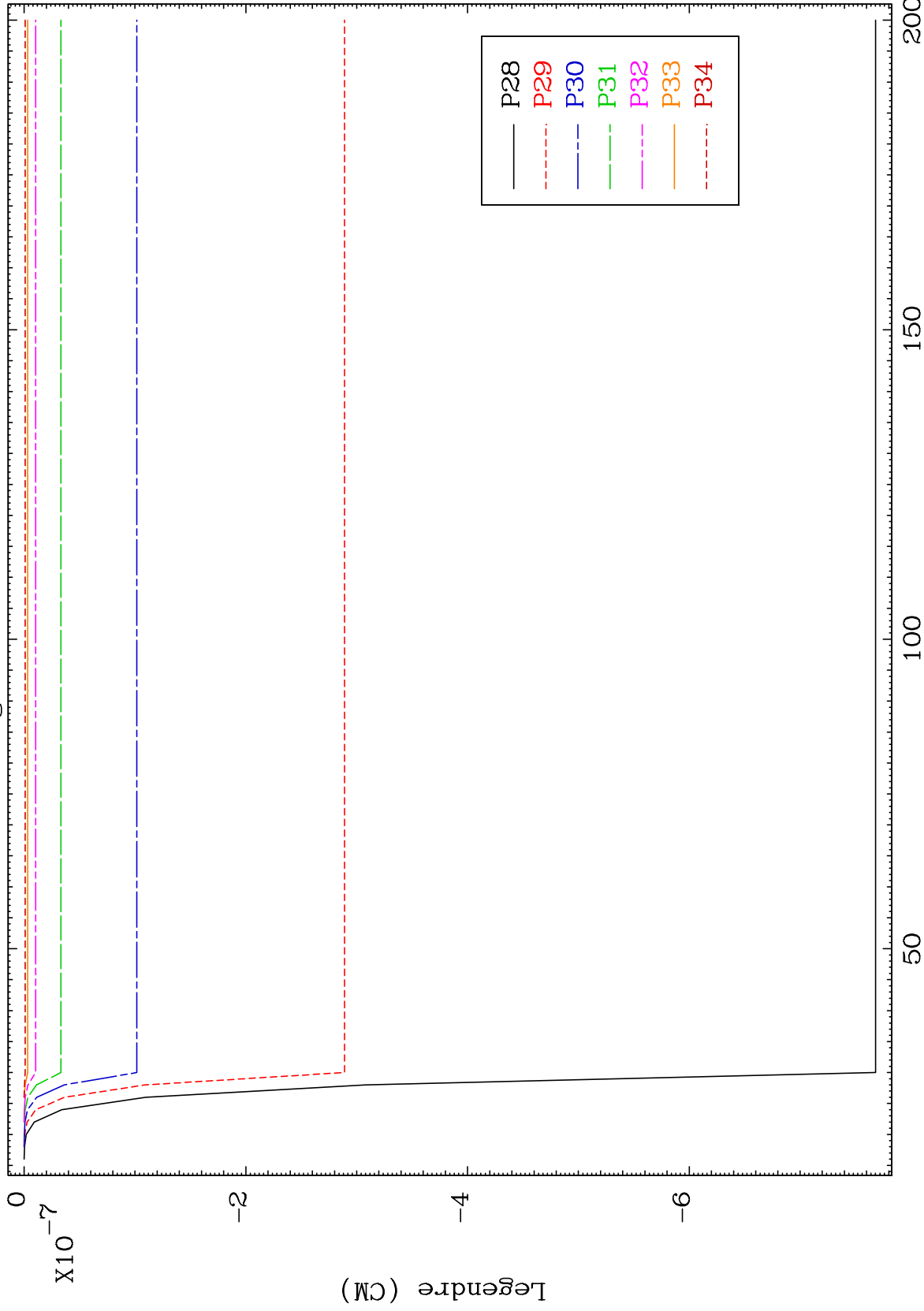
103

56-Ba-126

MAT 5613

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

56-Ba-126



56-Ba-126

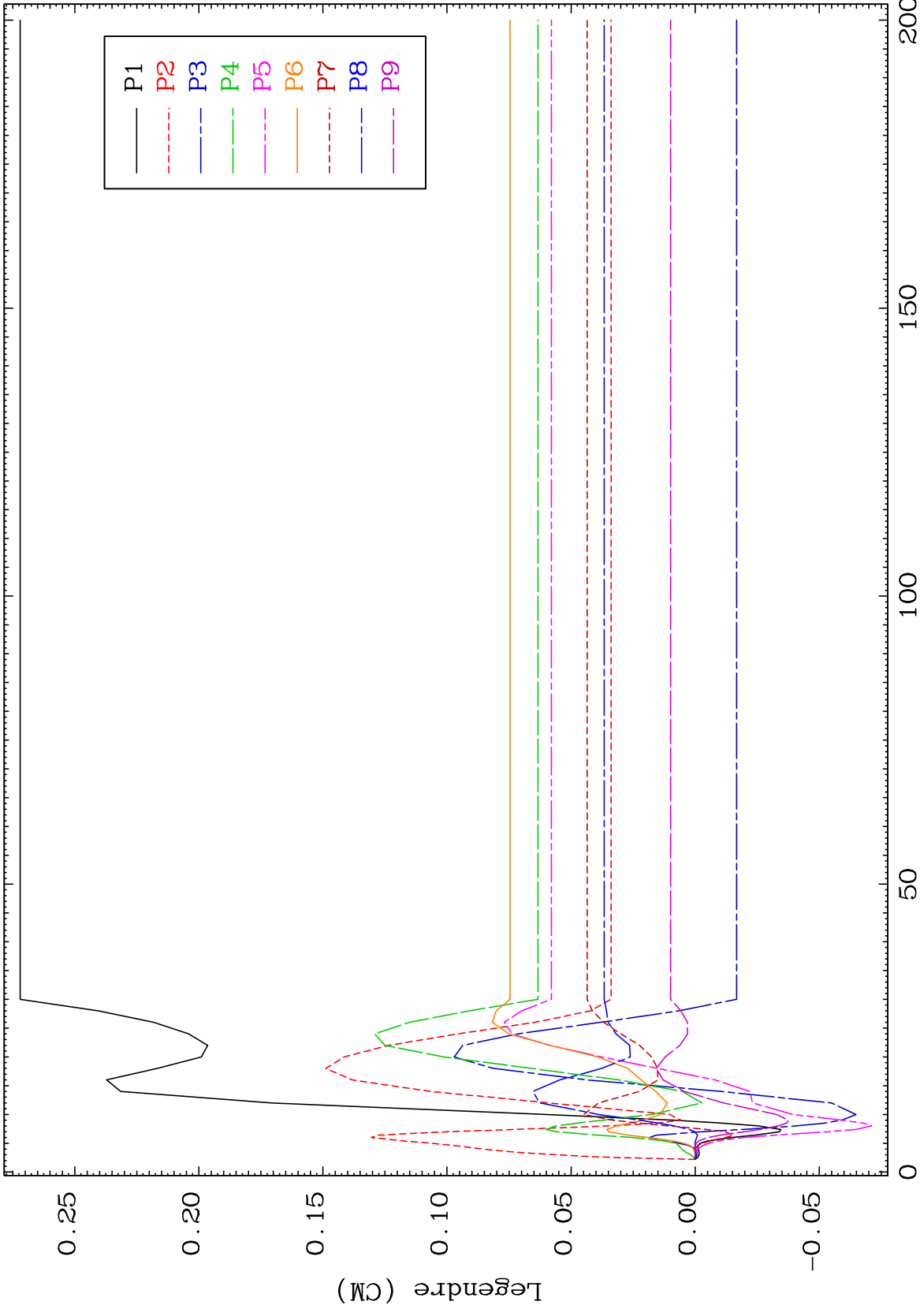
Incident Energy (MeV)

104

MAT 5613

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

56-Ba-126



56-Ba-126

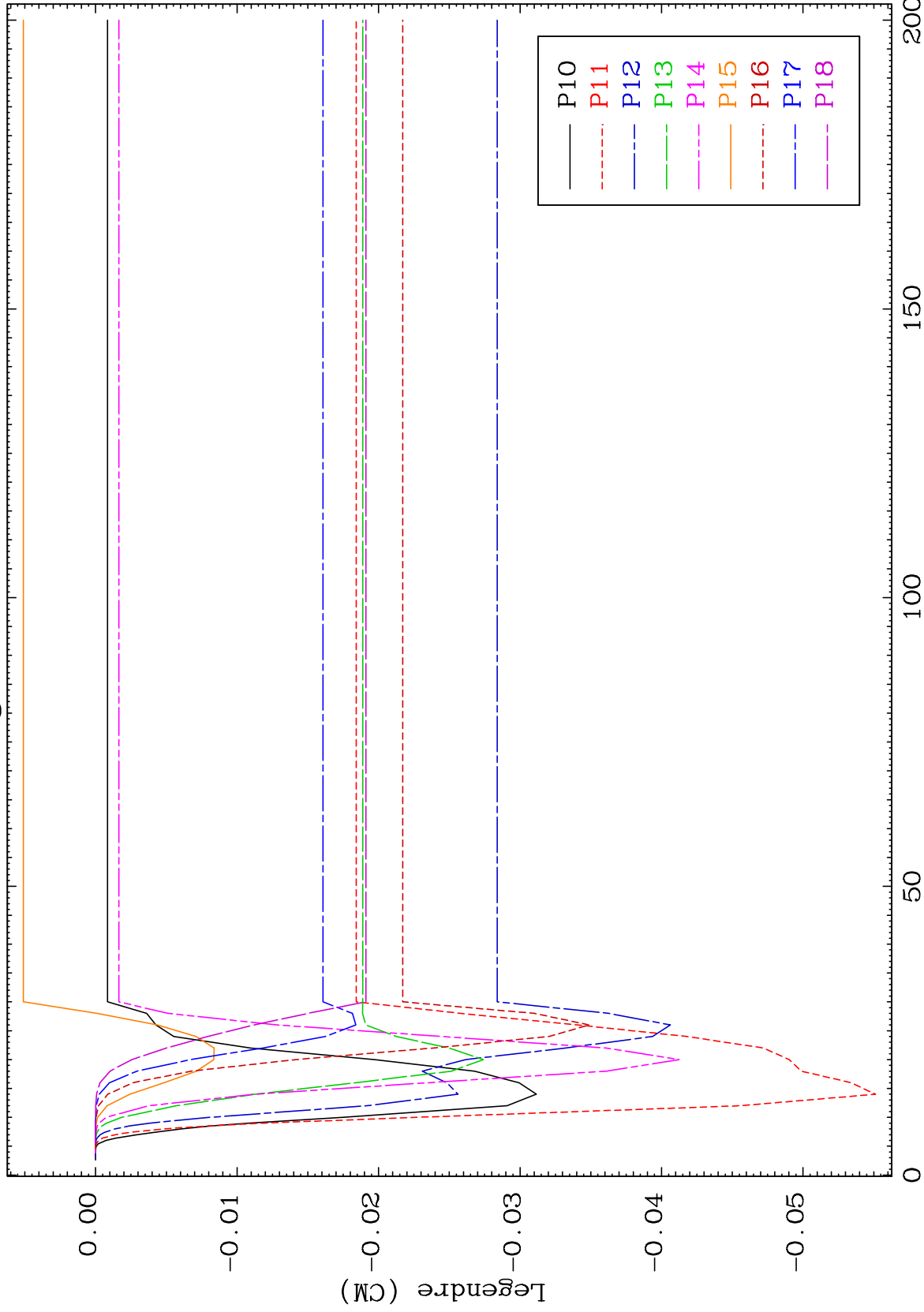
Incident Energy (MeV)

105

MAT 5613

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

56-Ba-126

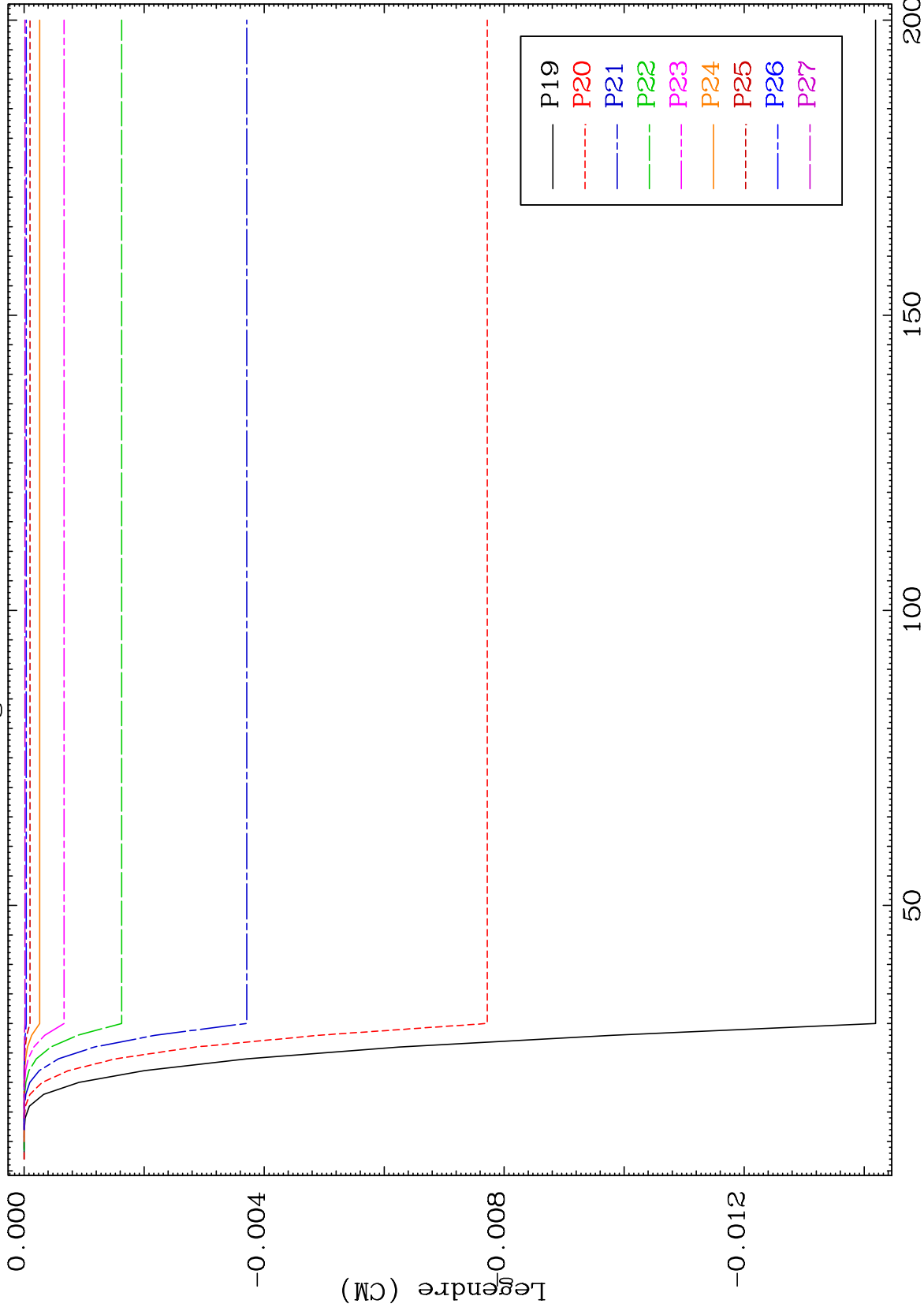


106

Incident Energy (MeV)

56-Ba-126

MAT 5613 MT= 75 (n,n') Level Legendre Coefficients 56-Ba-126

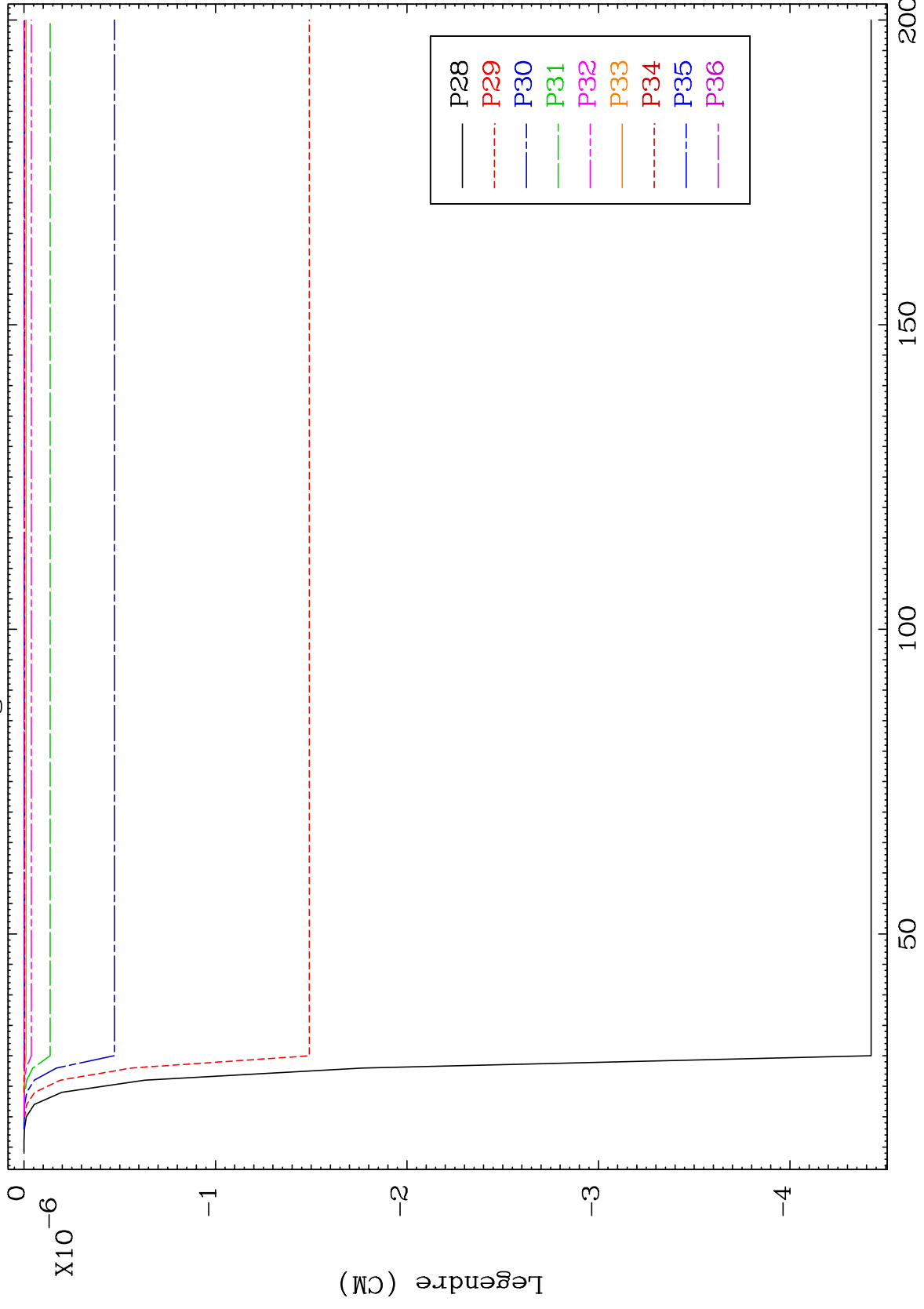


107 56-Ba-126

MAT 5613

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

56-Ba-126



56-Ba-126

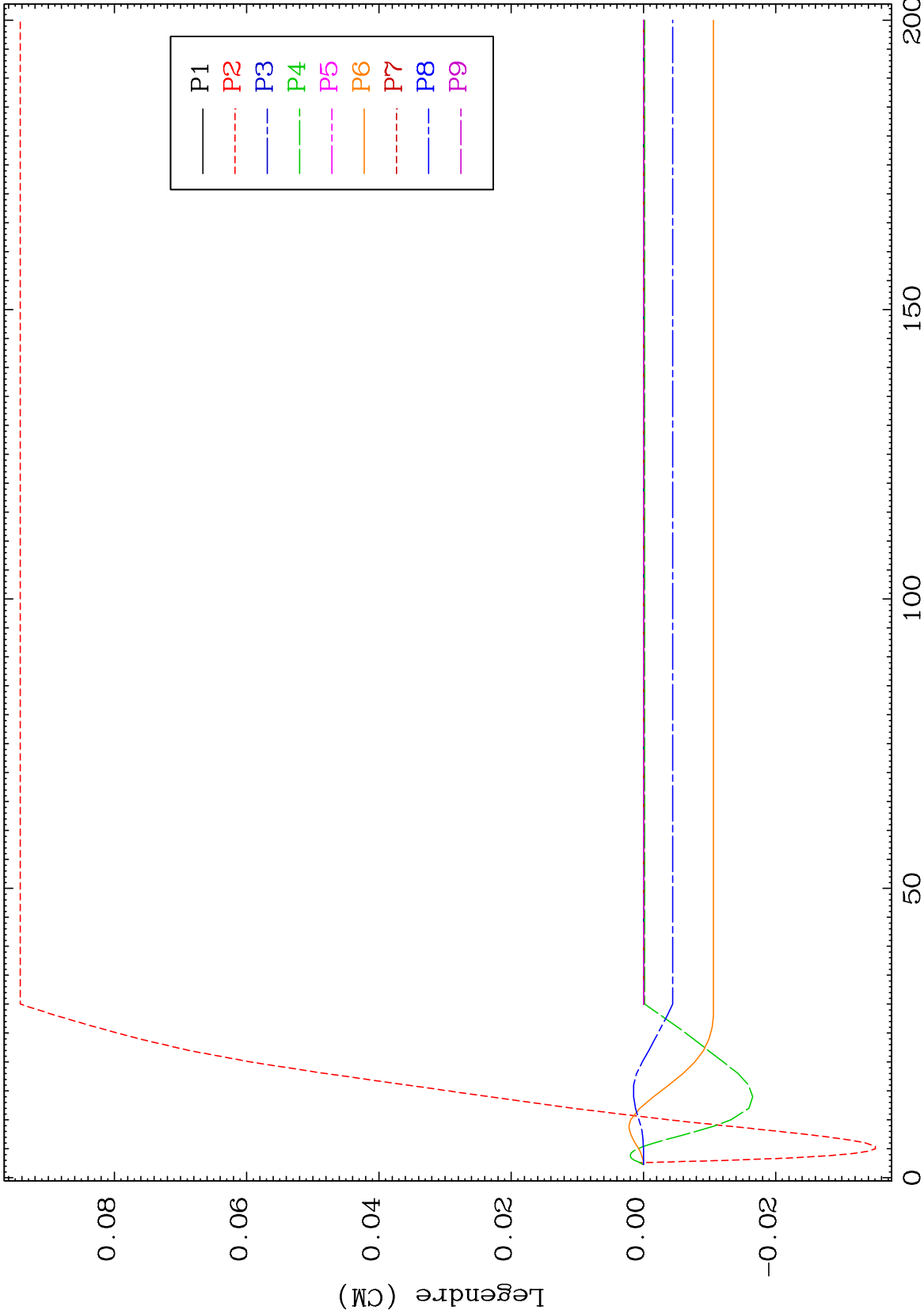
Incident Energy (MeV)

108

MAT 5613

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

56-Ba-126



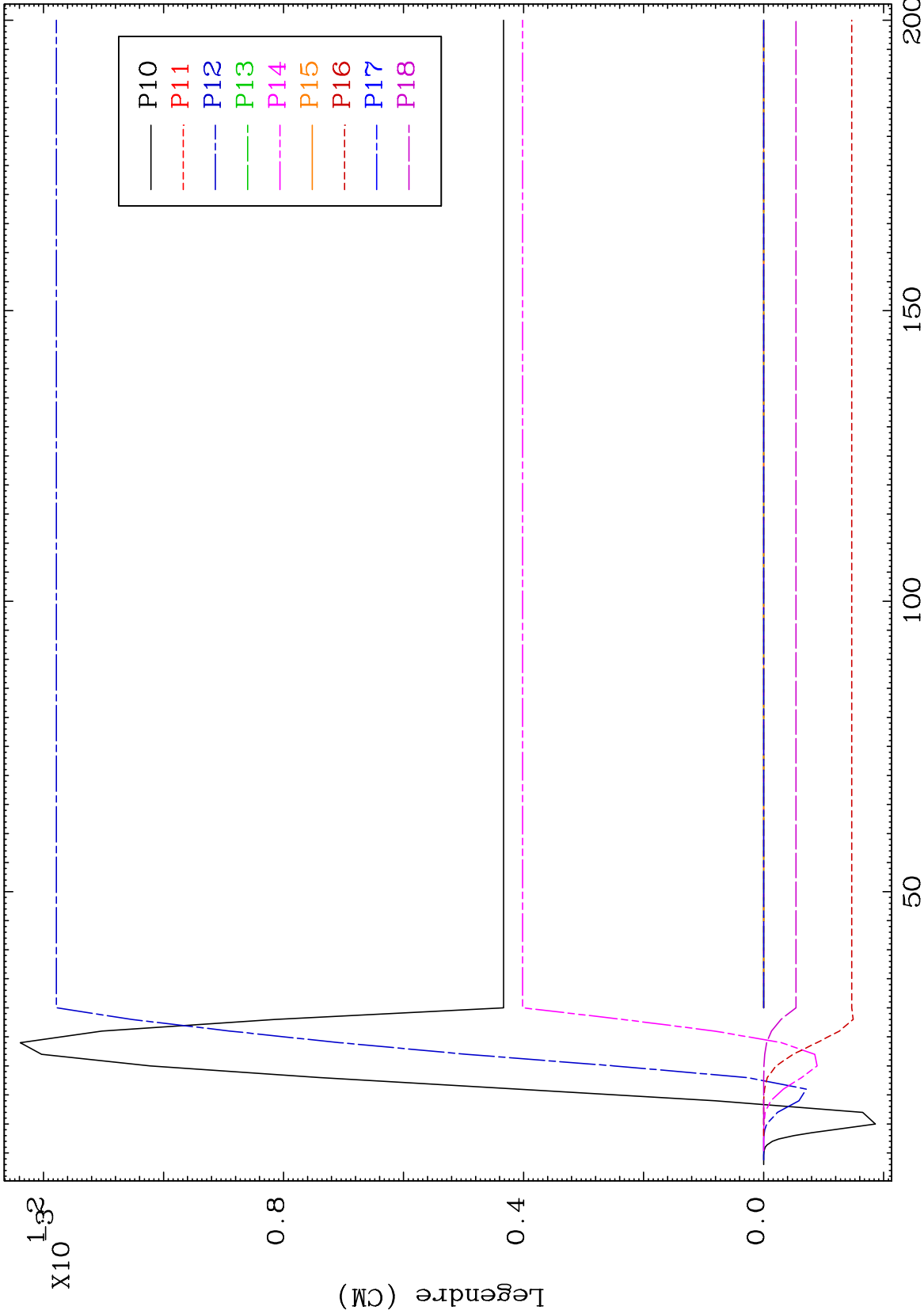
109

56-Ba-126

MAT 5613

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

56-Ba-126



110

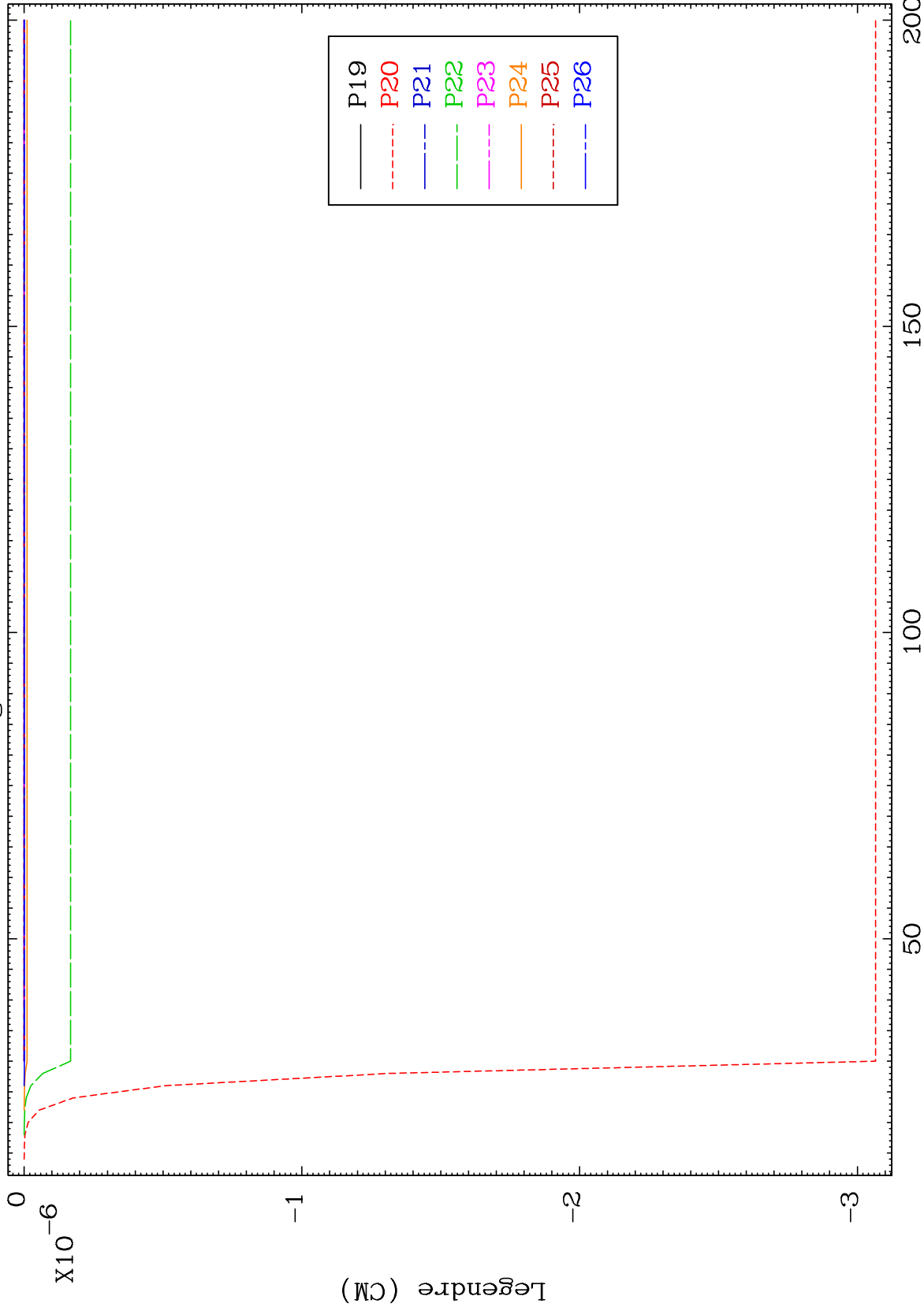
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



111

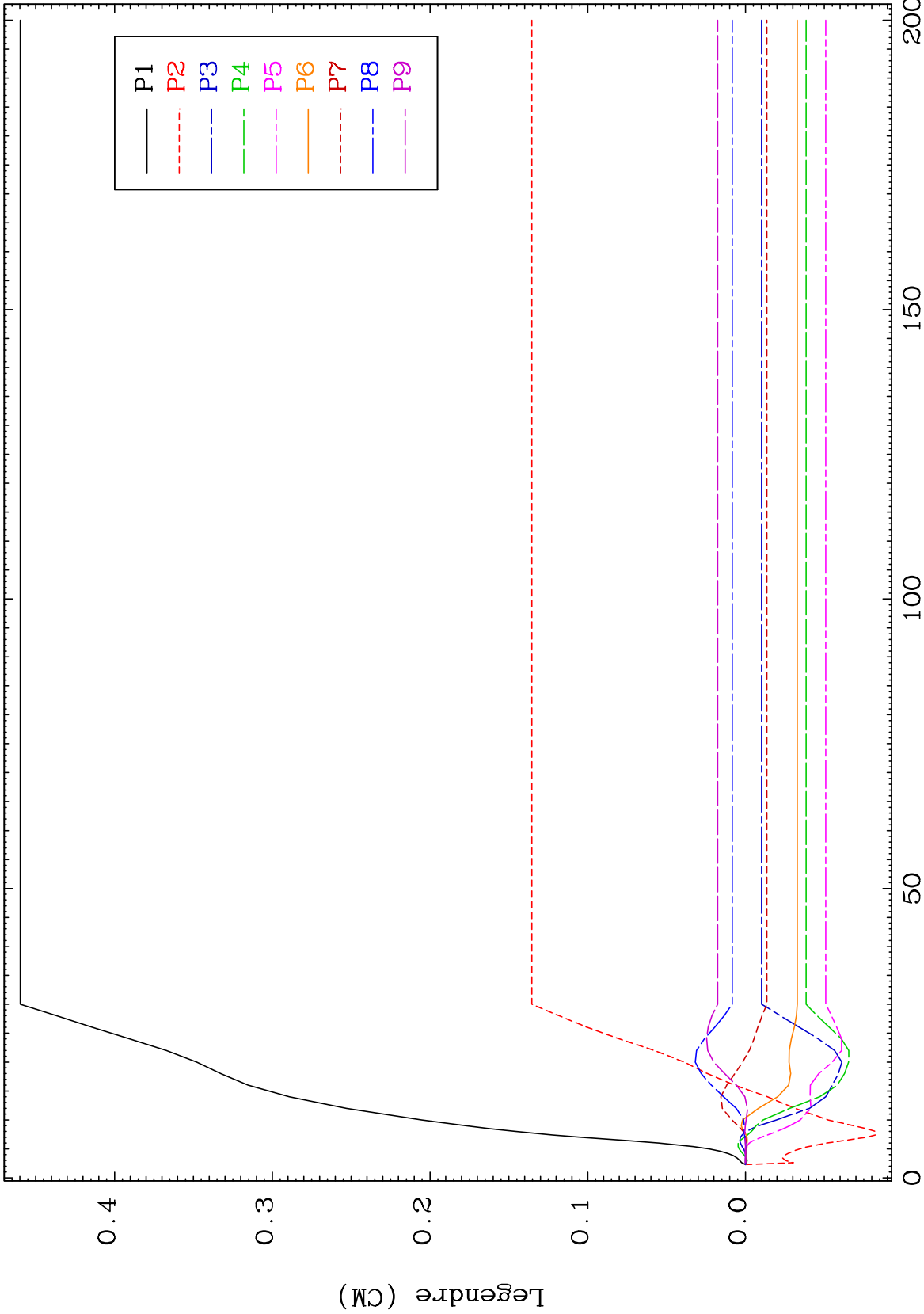
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



112

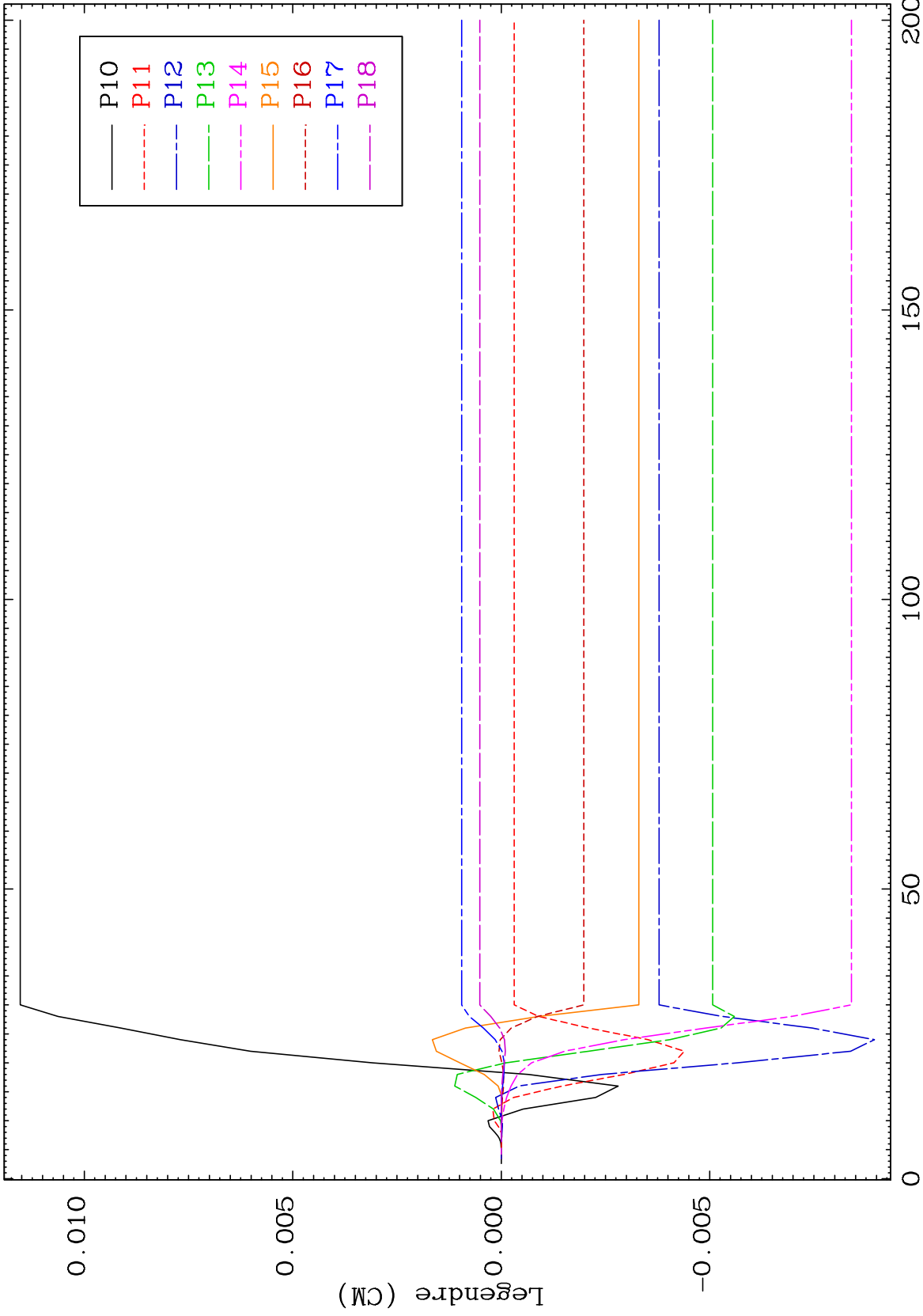
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



113

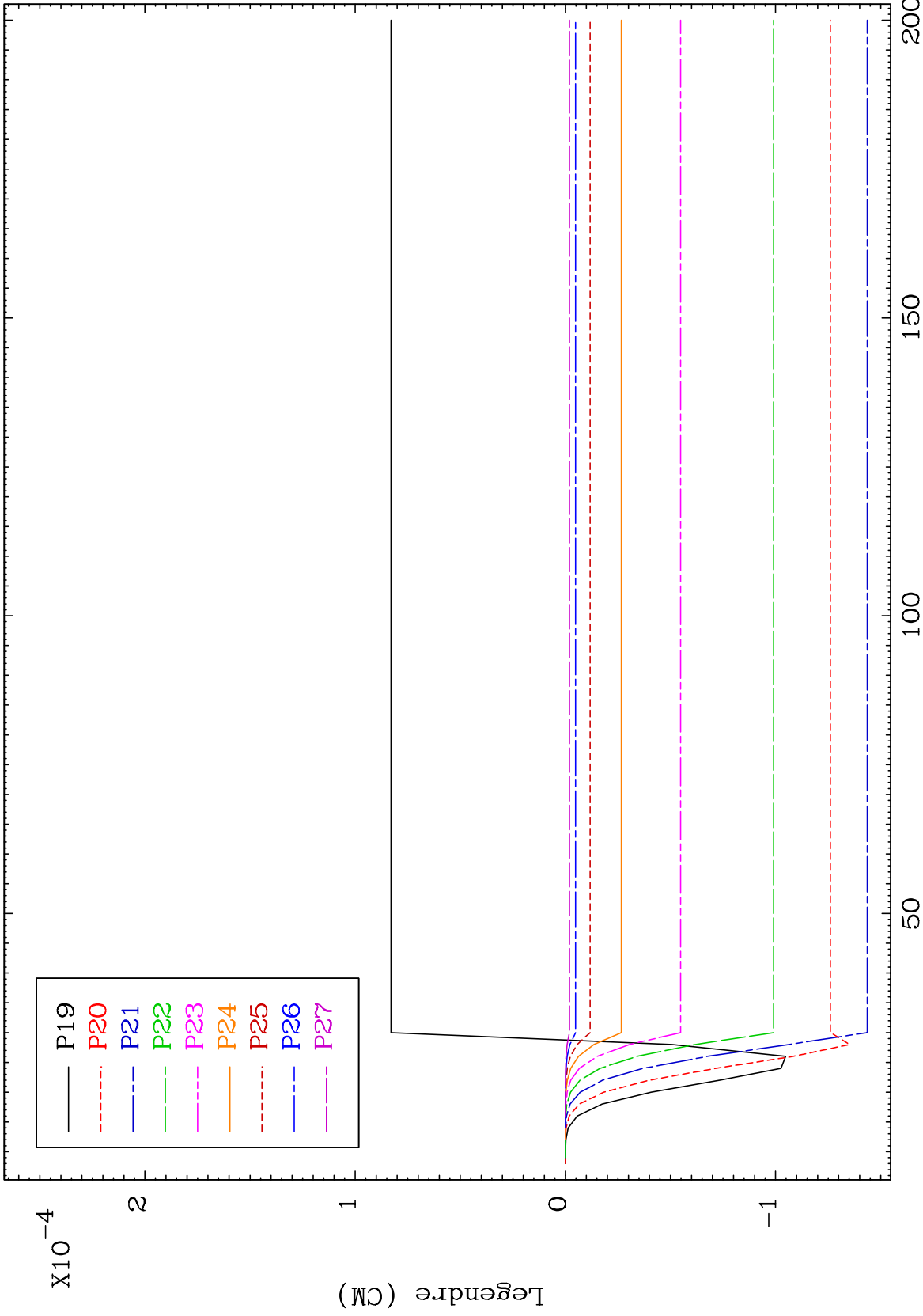
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



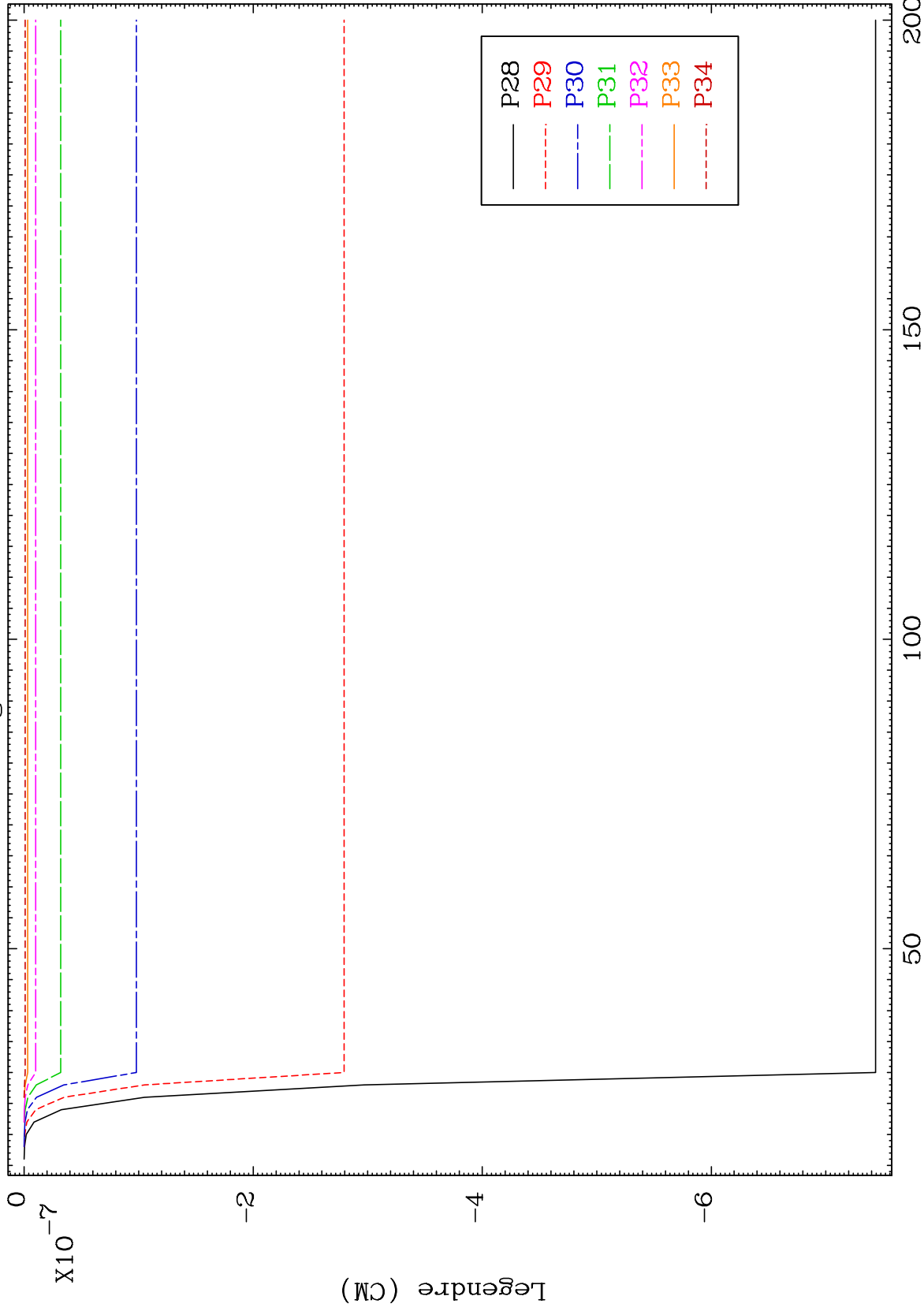
114

56-Ba-126

MAT 5613

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

56-Ba-126



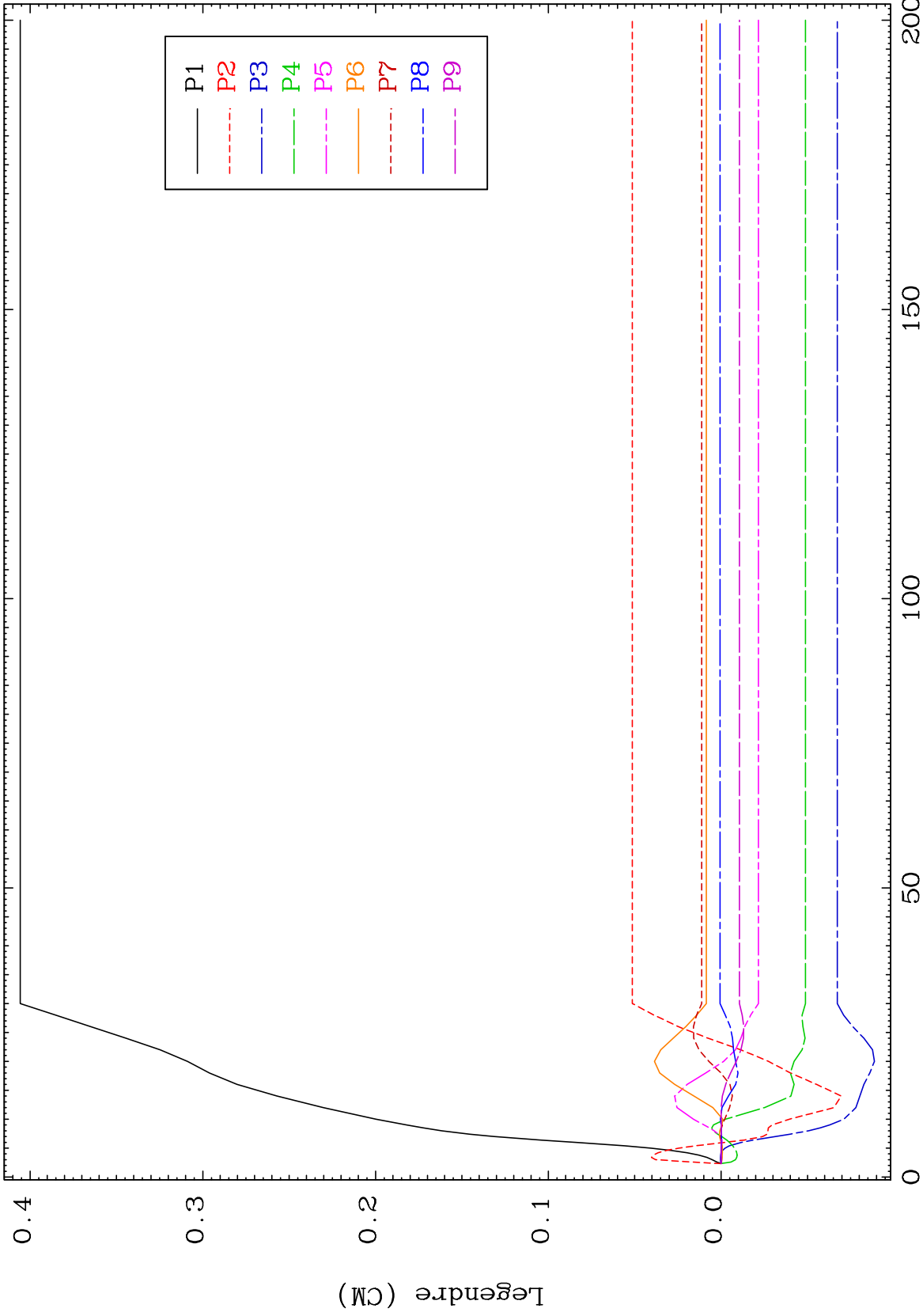
115

56-Ba-126

MAT 5613

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

56-Ba-126



116

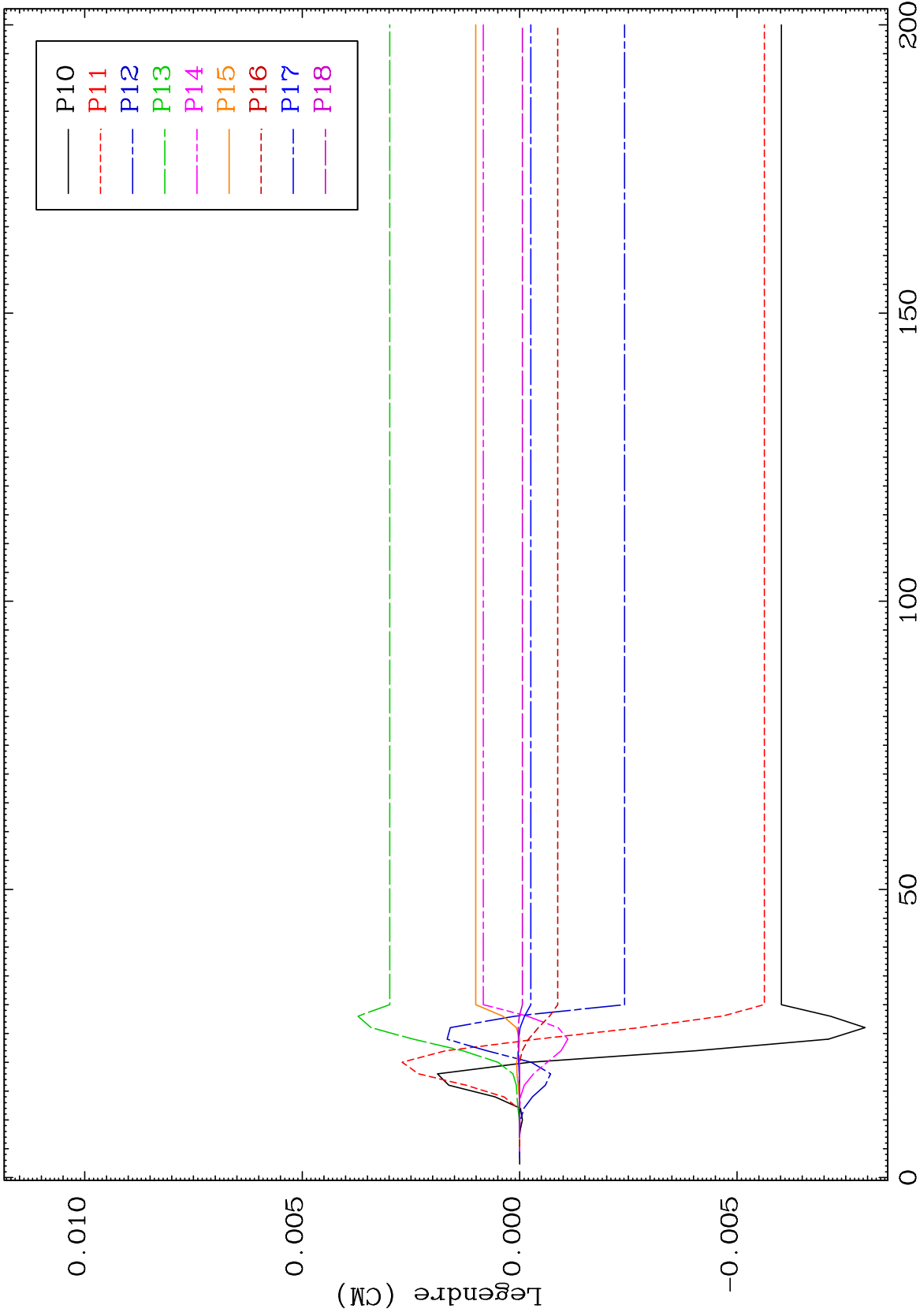
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



117

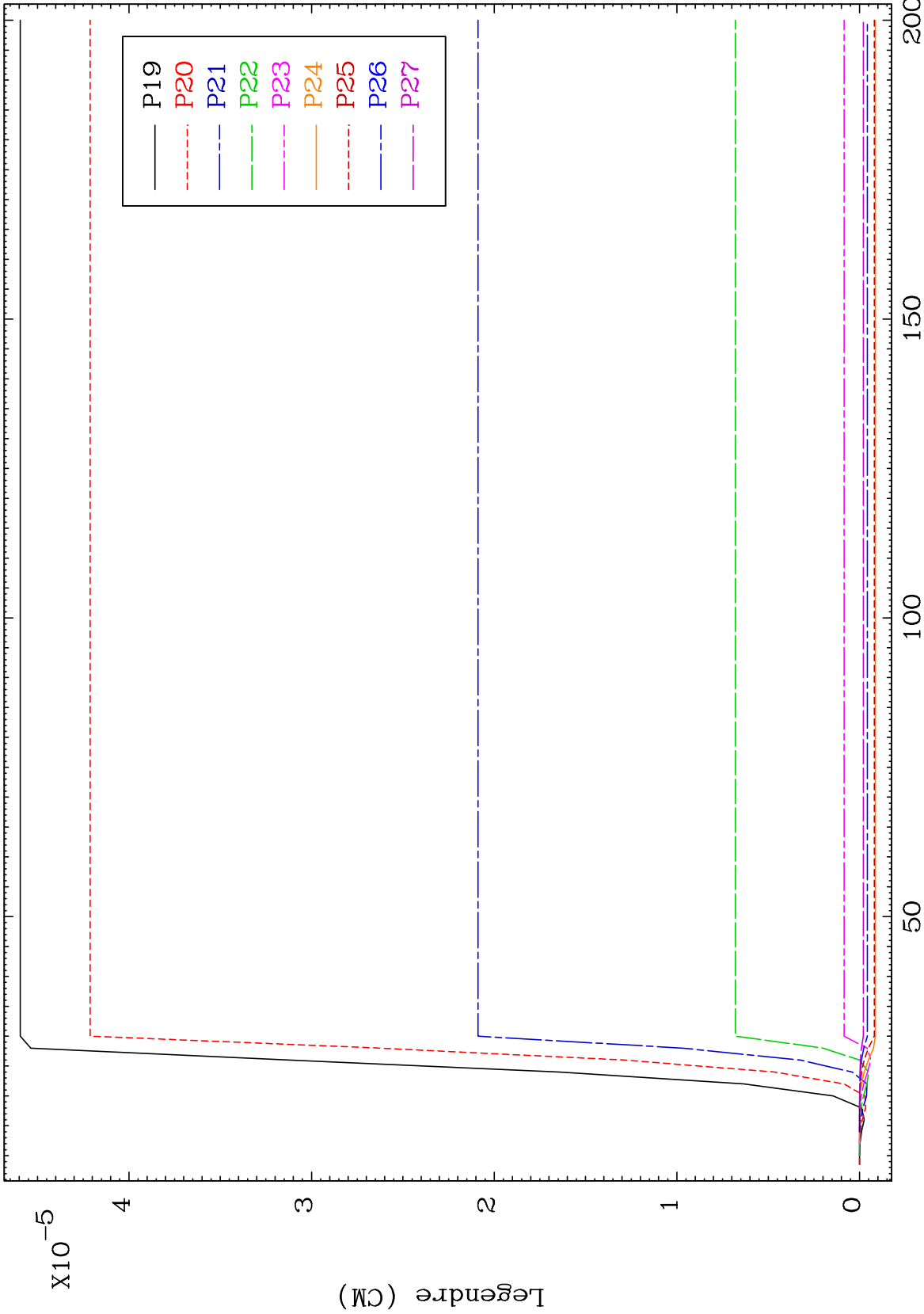
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



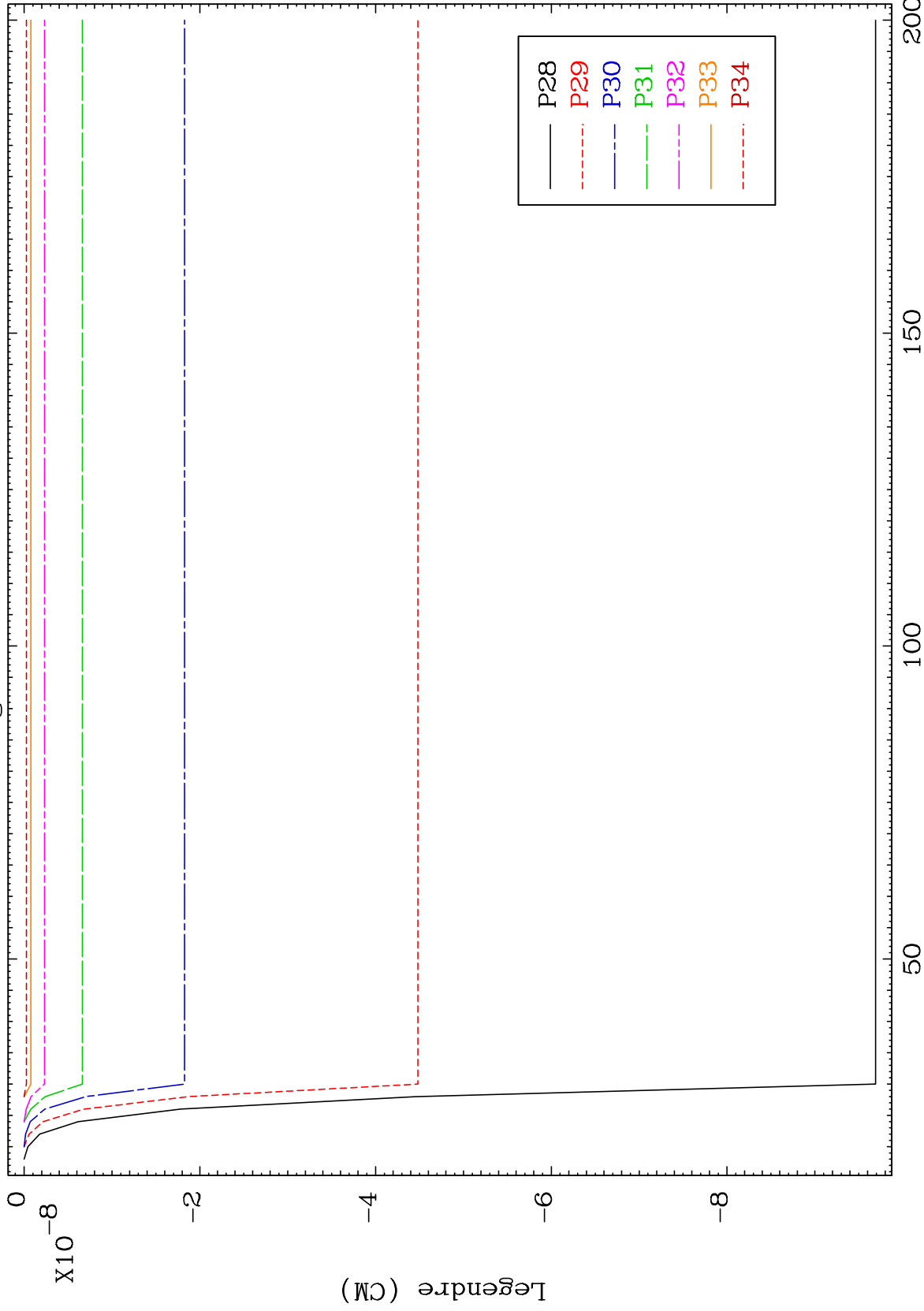
118

56-Ba-126

MAT 5613

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

56-Ba-126



56-Ba-126

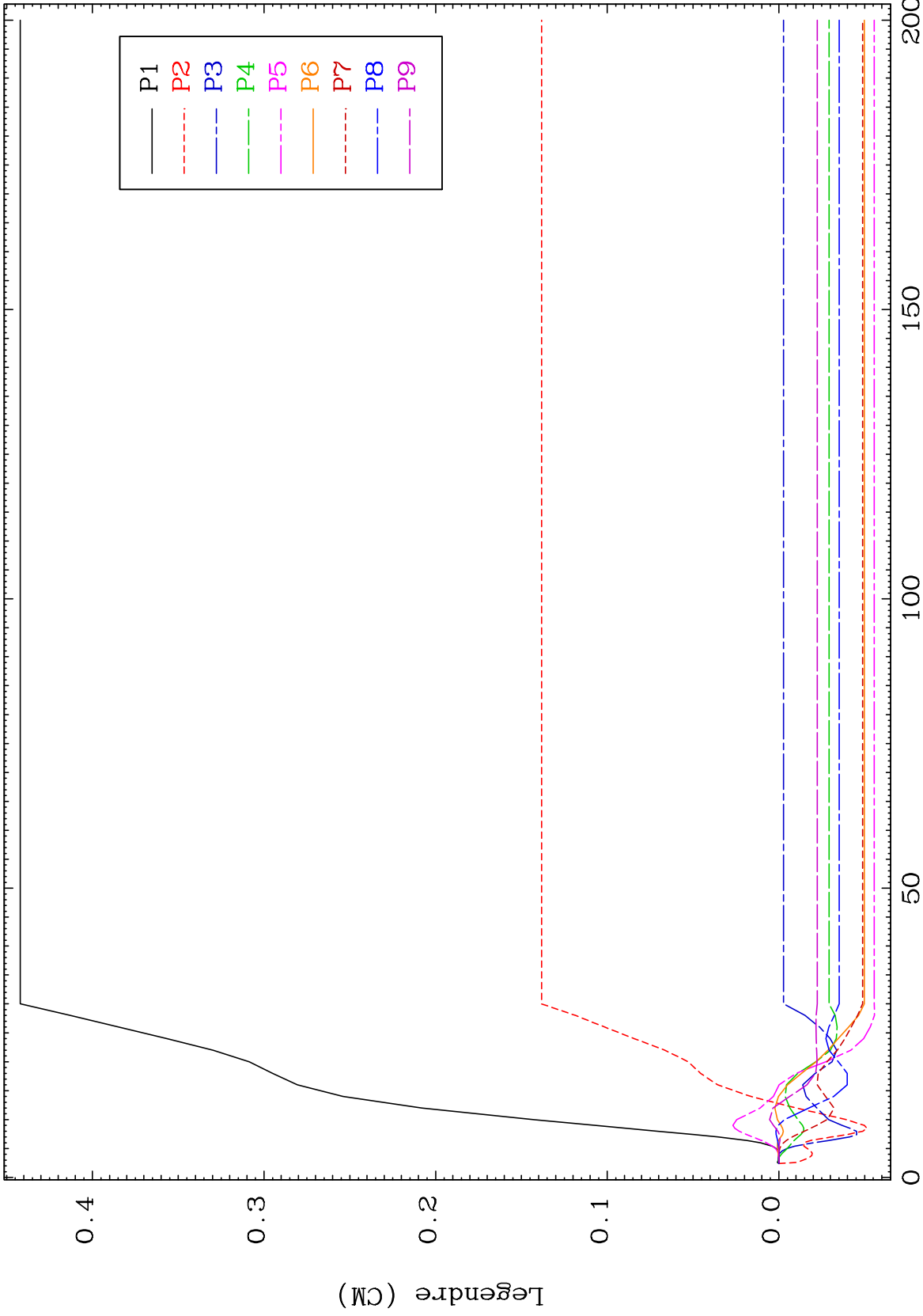
Incident Energy (MeV)

119

MAT 5613

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

56-Ba-126



56-Ba-126

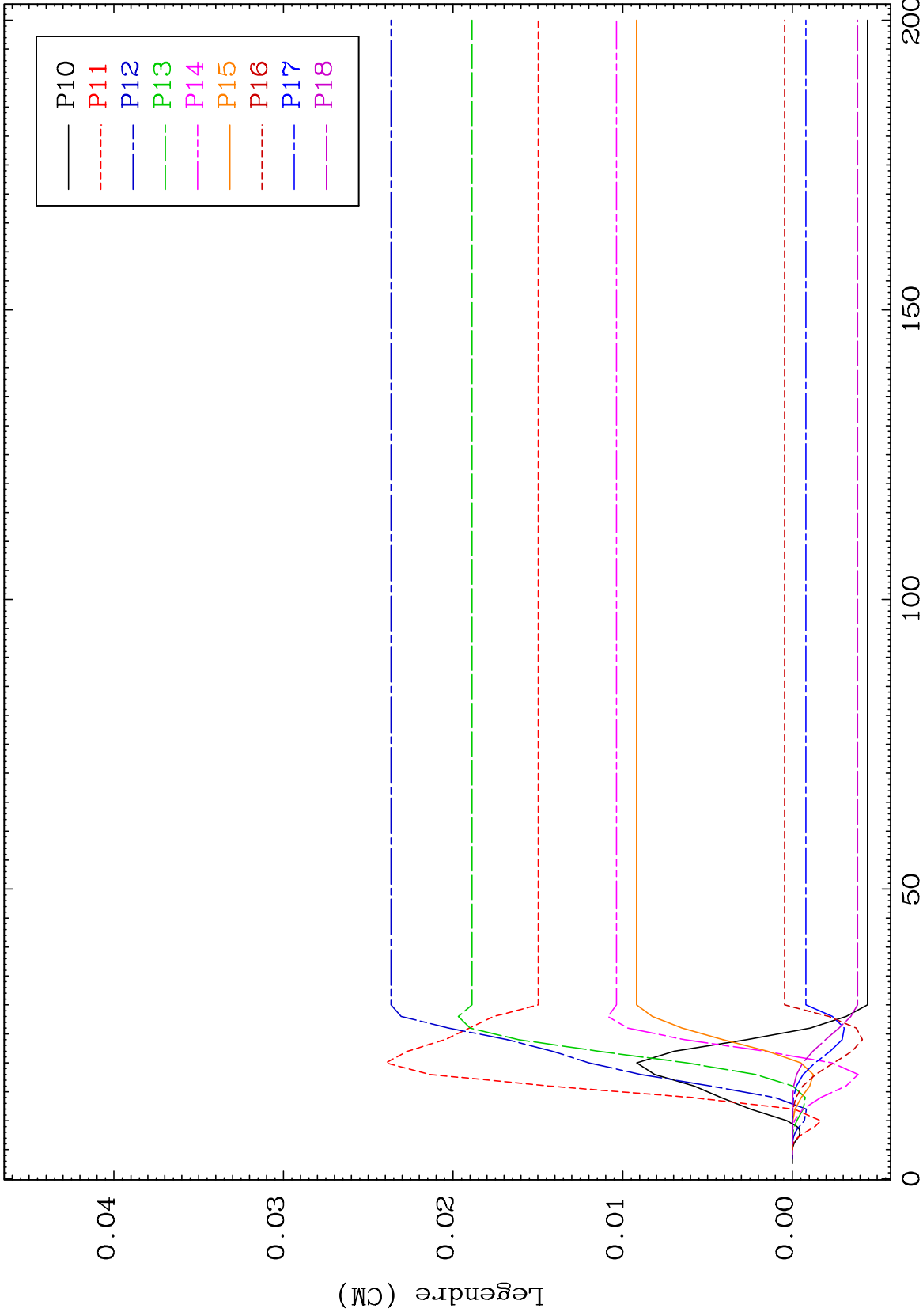
Incident Energy (MeV)

120

MAT 5613

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

56-Ba-126



121

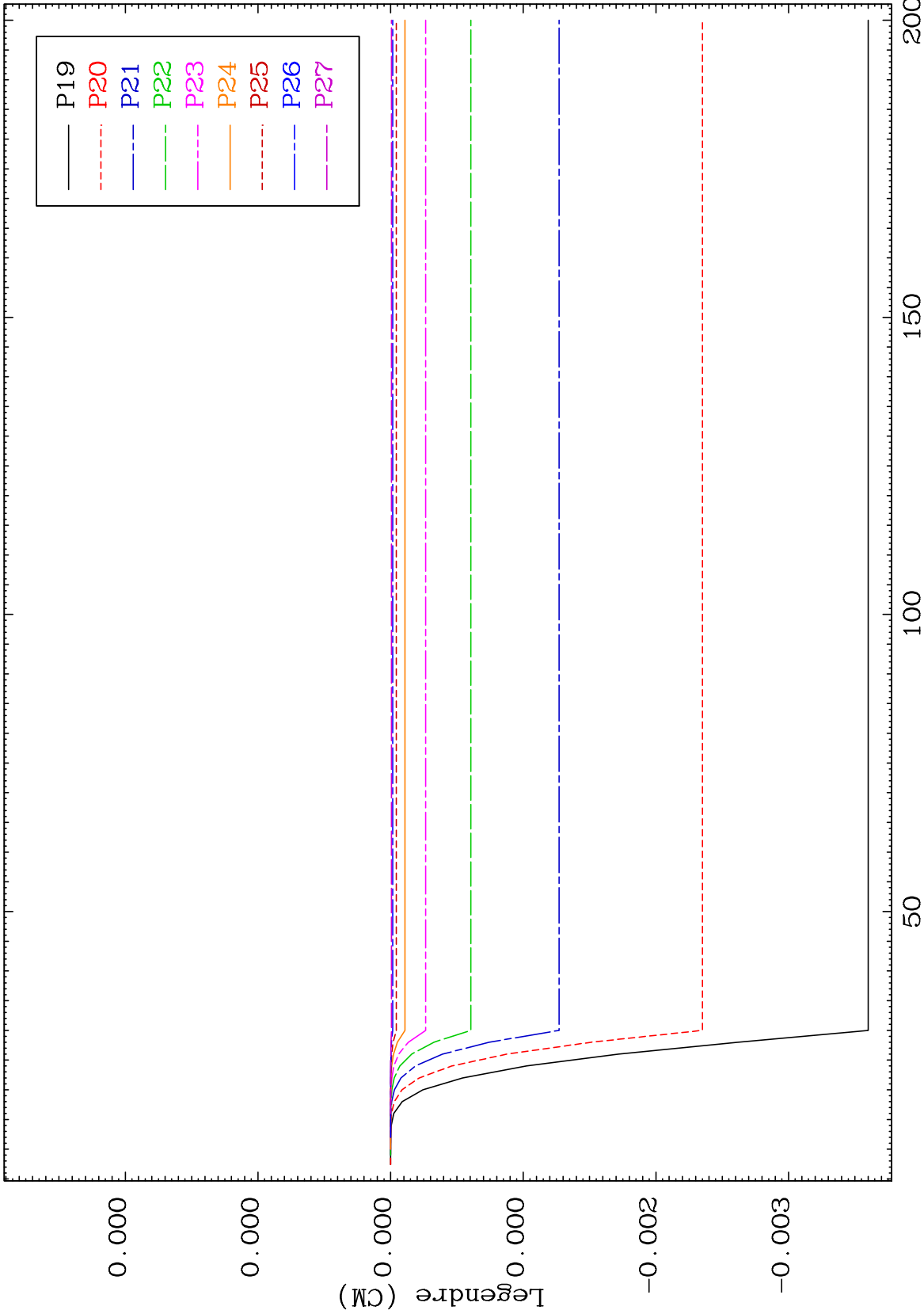
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



122

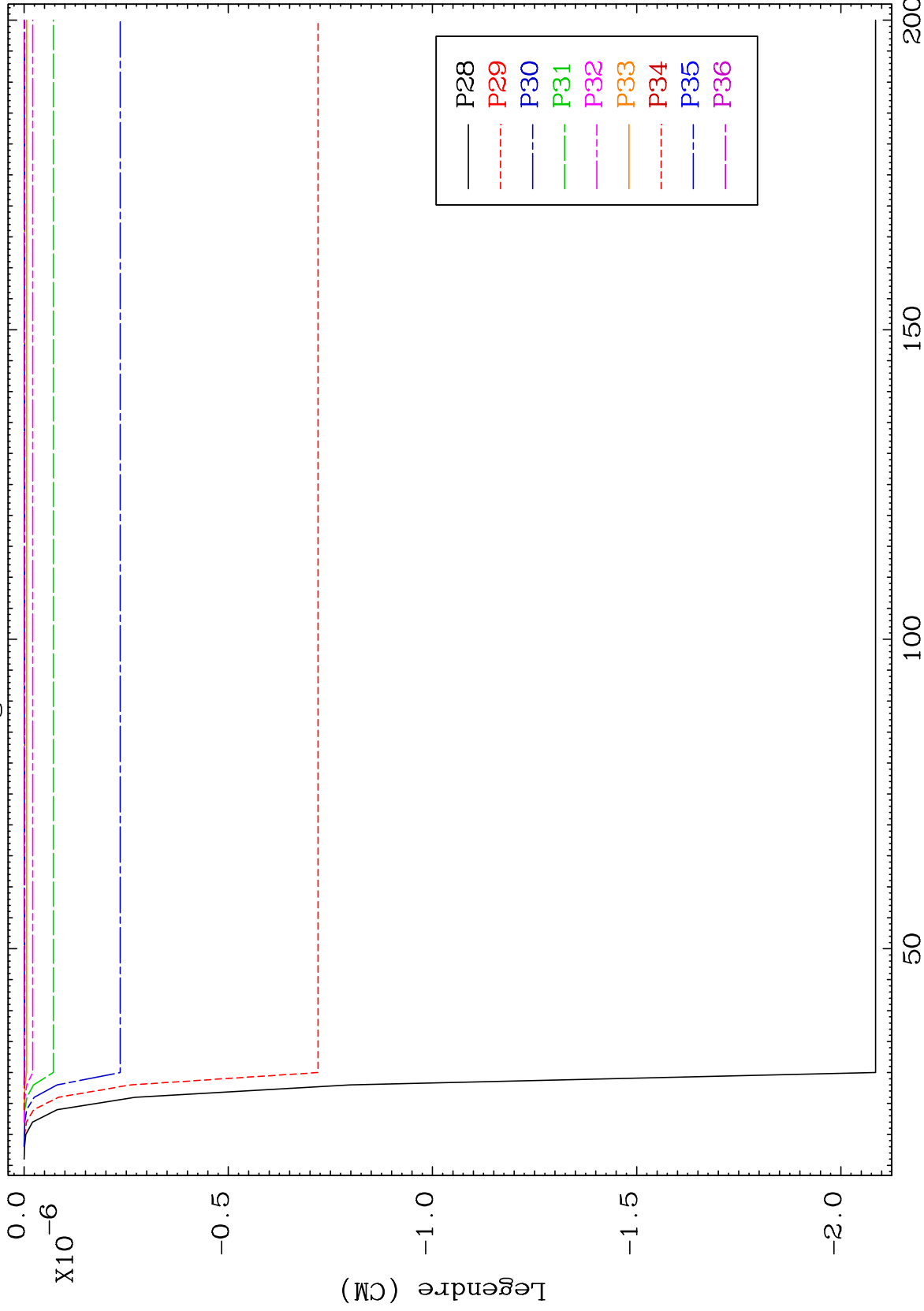
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



56-Ba-126

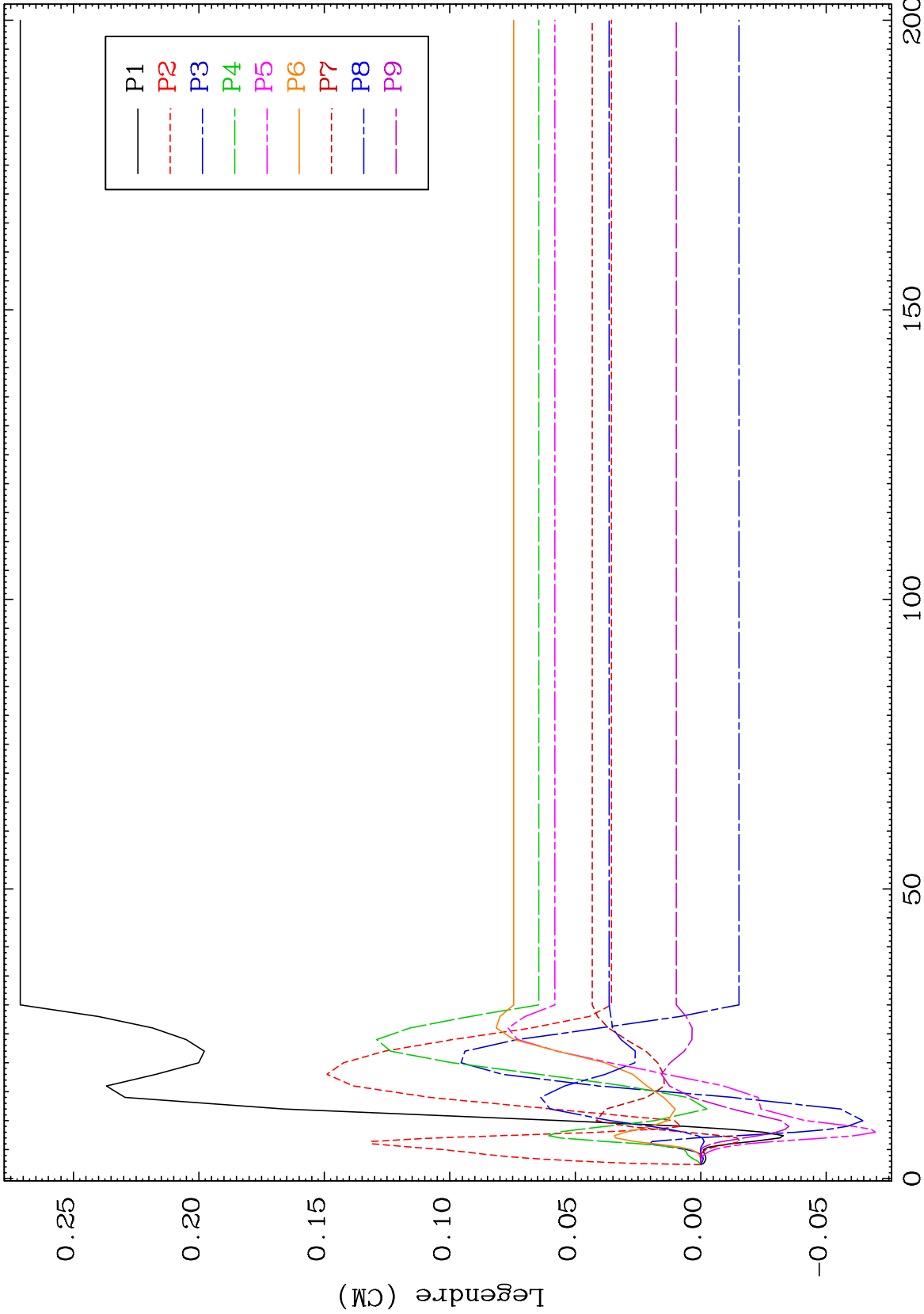
Incident Energy (MeV)

123

MAT 5613

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

56-Ba-126



124

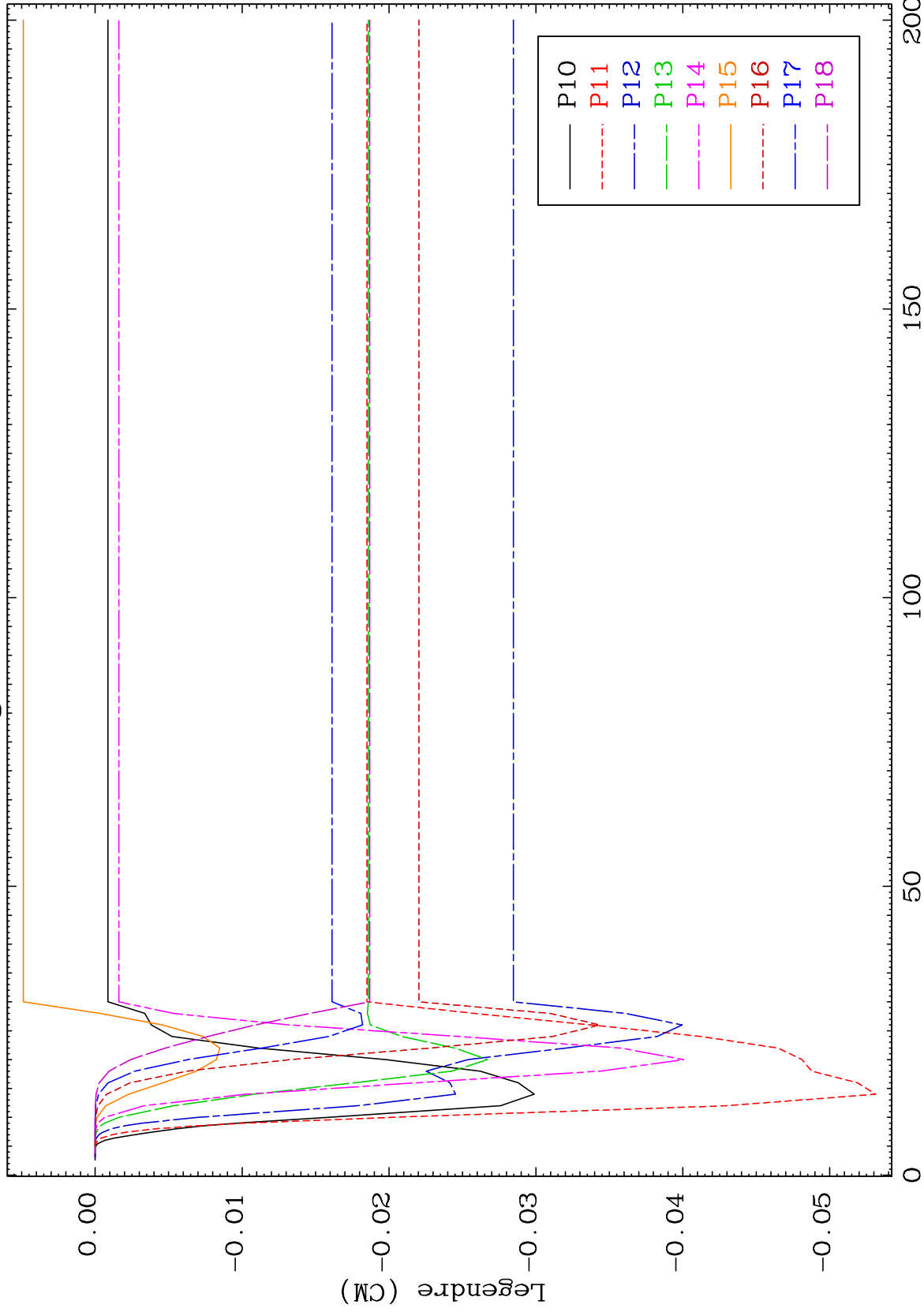
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126

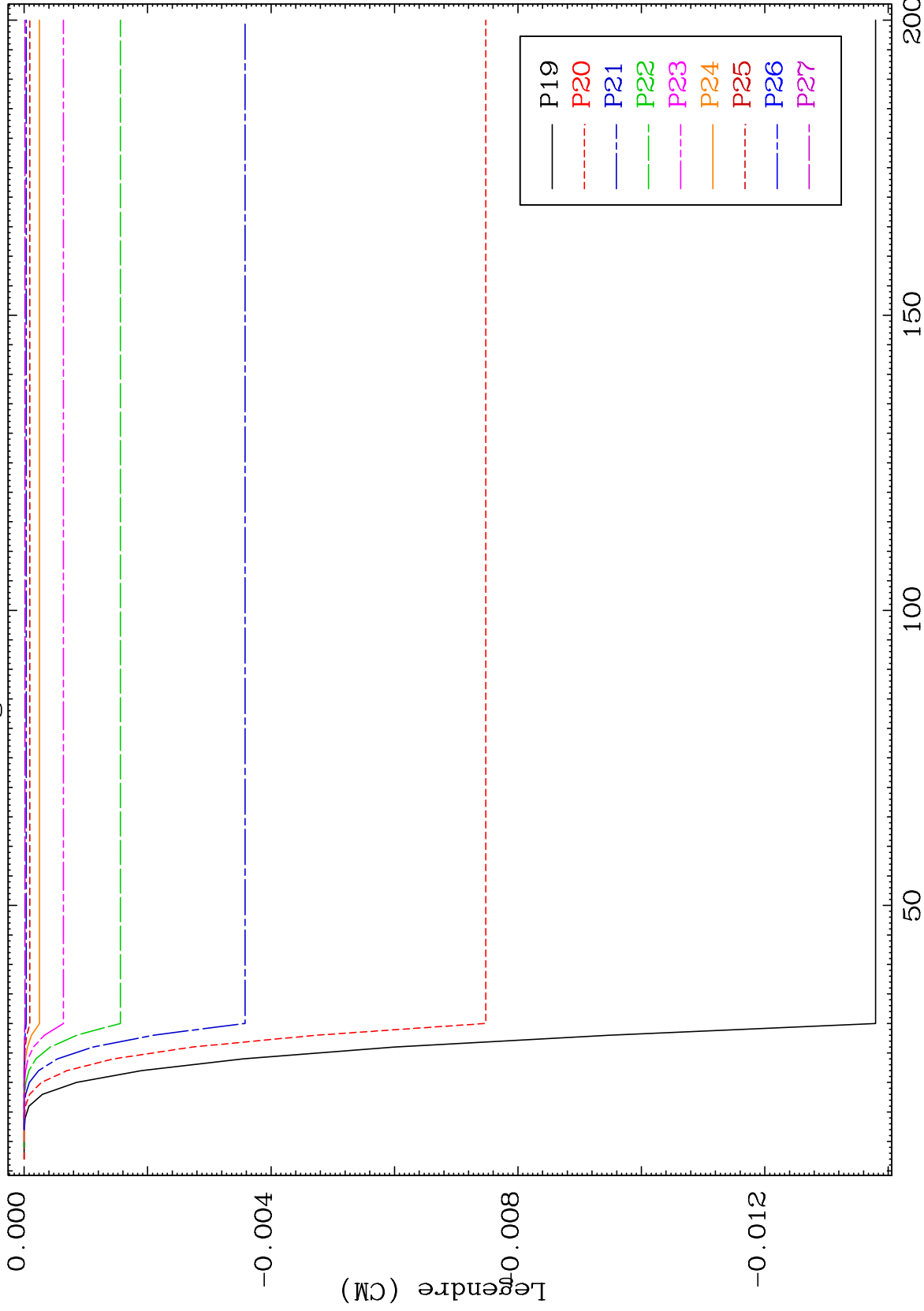


125

Incident Energy (MeV)

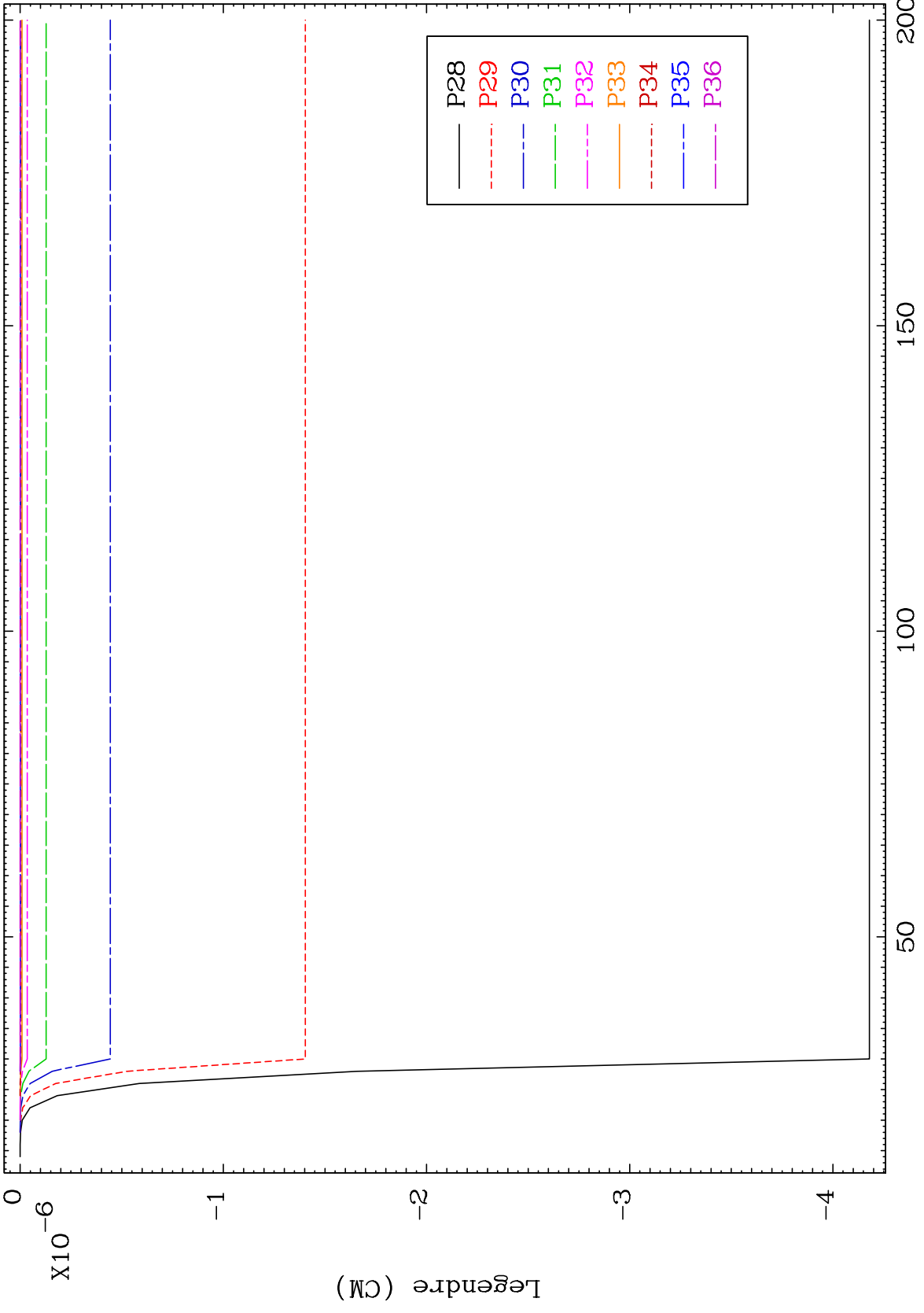
56-Ba-126

MAT 5613 MT= 80 (n,n') Level Legendre Coefficients 56-Ba-126



126 Incident Energy (MeV) 56-Ba-126

MAT 5613 MT= 80 (n,n') Level Legendre Coefficients 56-Ba-126



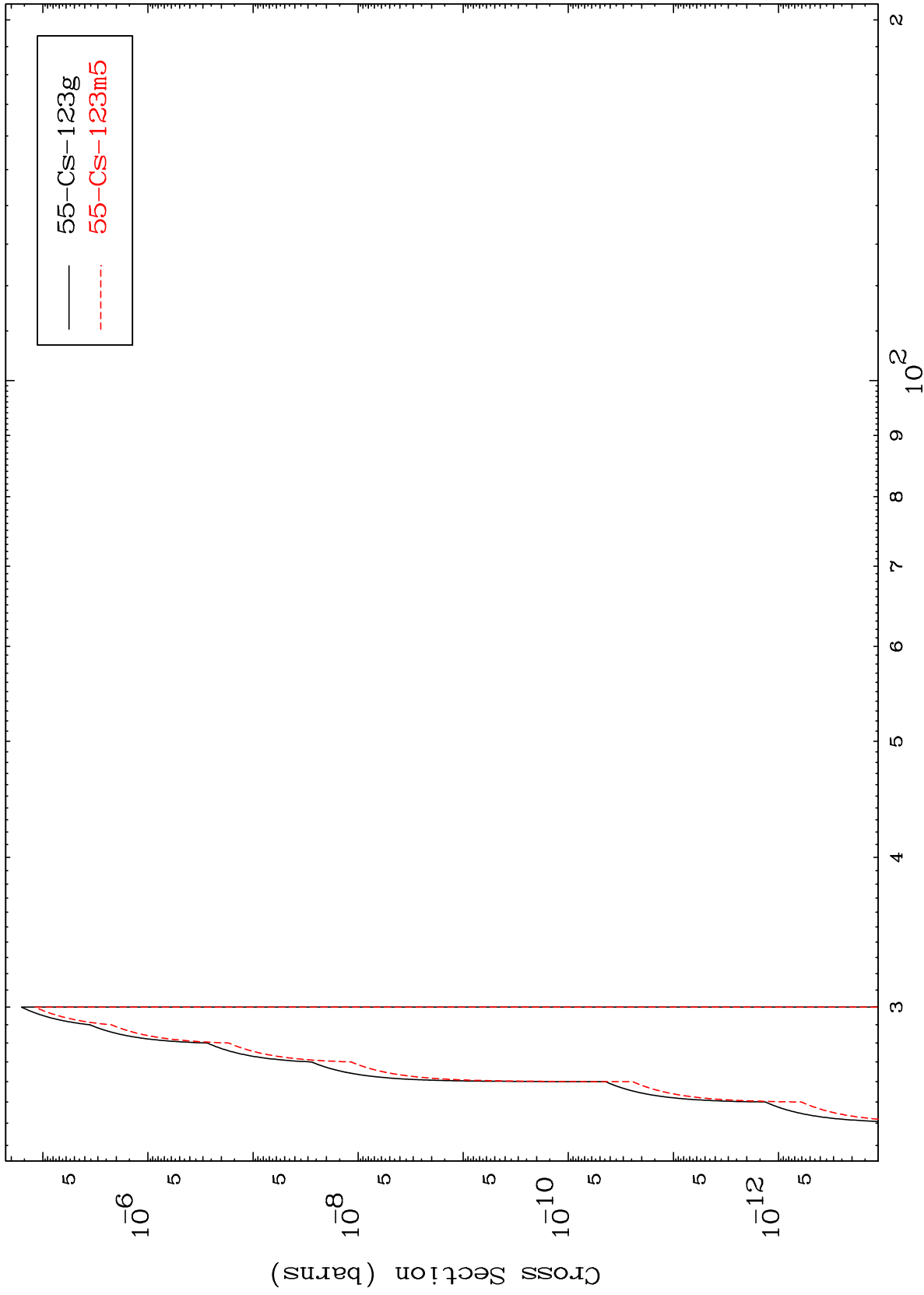
127 56-Ba-126

MAT 5613

(n,2n) d

56-Ba-126

Radionuclide Production Cross Section



128

Incident Energy (MeV)

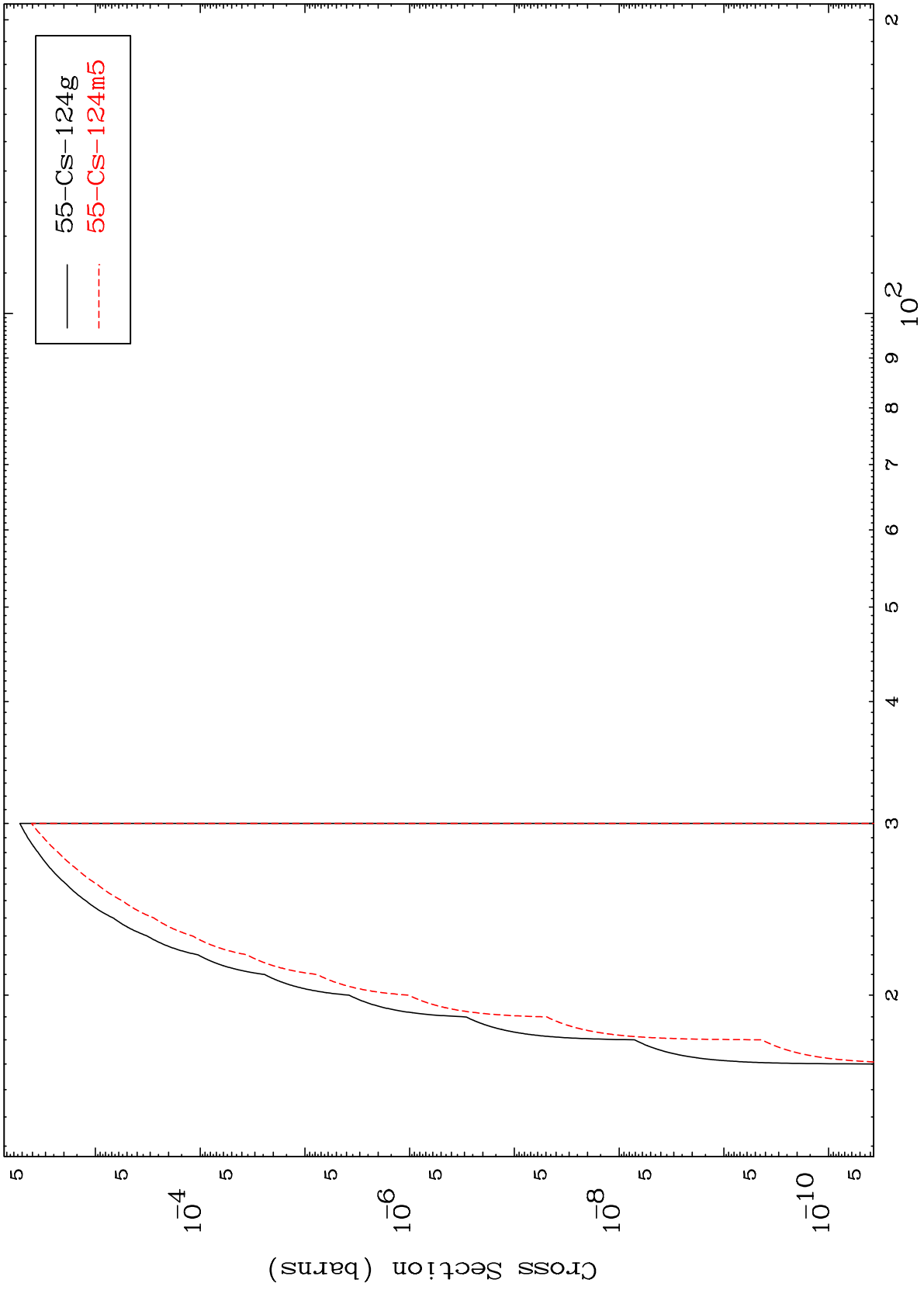
56-Ba-126

MAT 5613

(n,n') d

56-Ba-126

Radionuclide Production Cross Section



55-Cs-124g
55-Cs-124m5

129

Incident Energy (MeV)

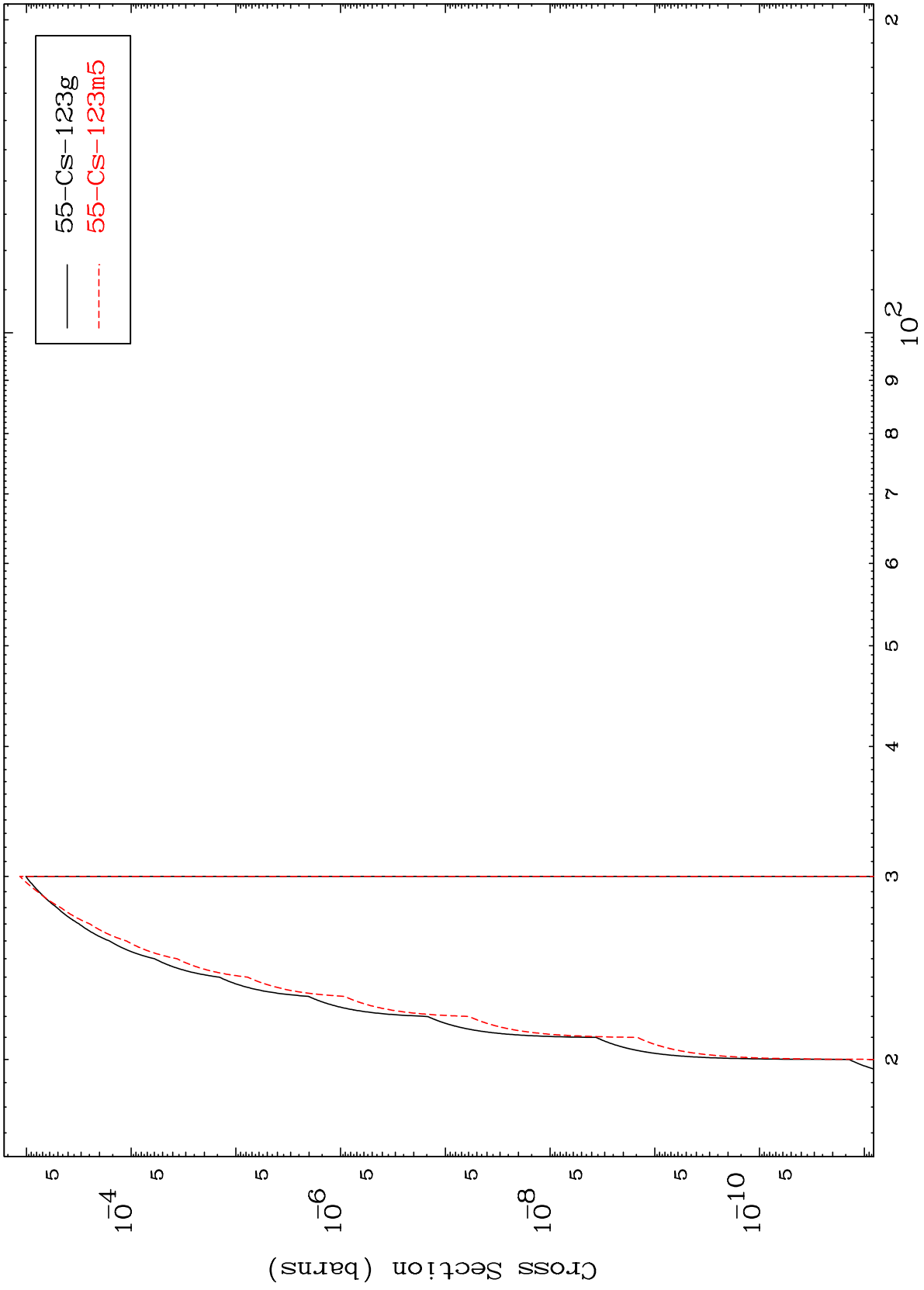
56-Ba-126

MAT 5613

(n,n') t

56-Ba-126

Radionuclide Production Cross Section



130

Incident Energy (MeV)

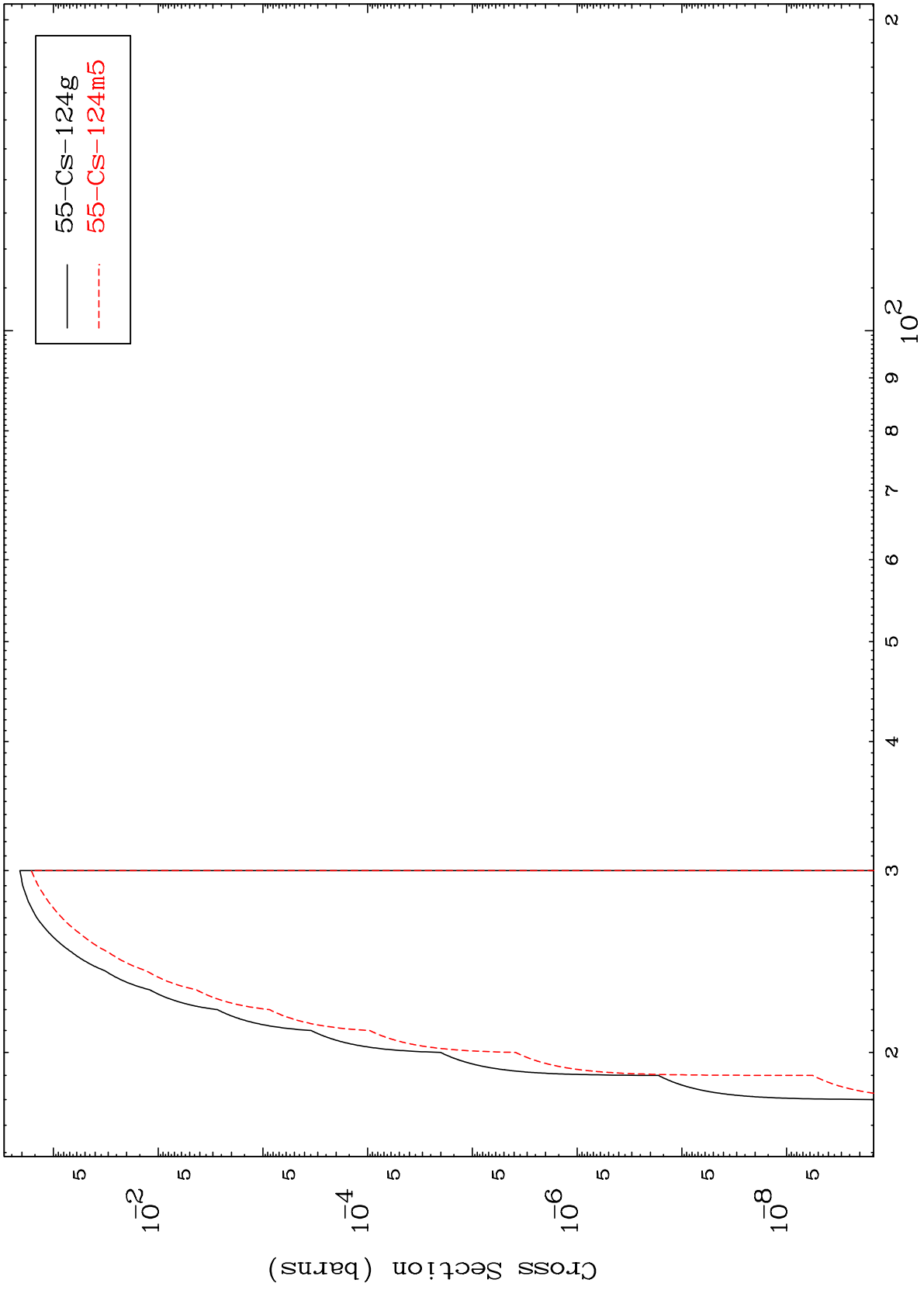
56-Ba-126

MAT 5613

(n,2n) p

56-Ba-126

Radionuclide Production Cross Section



131

Incident Energy (MeV)

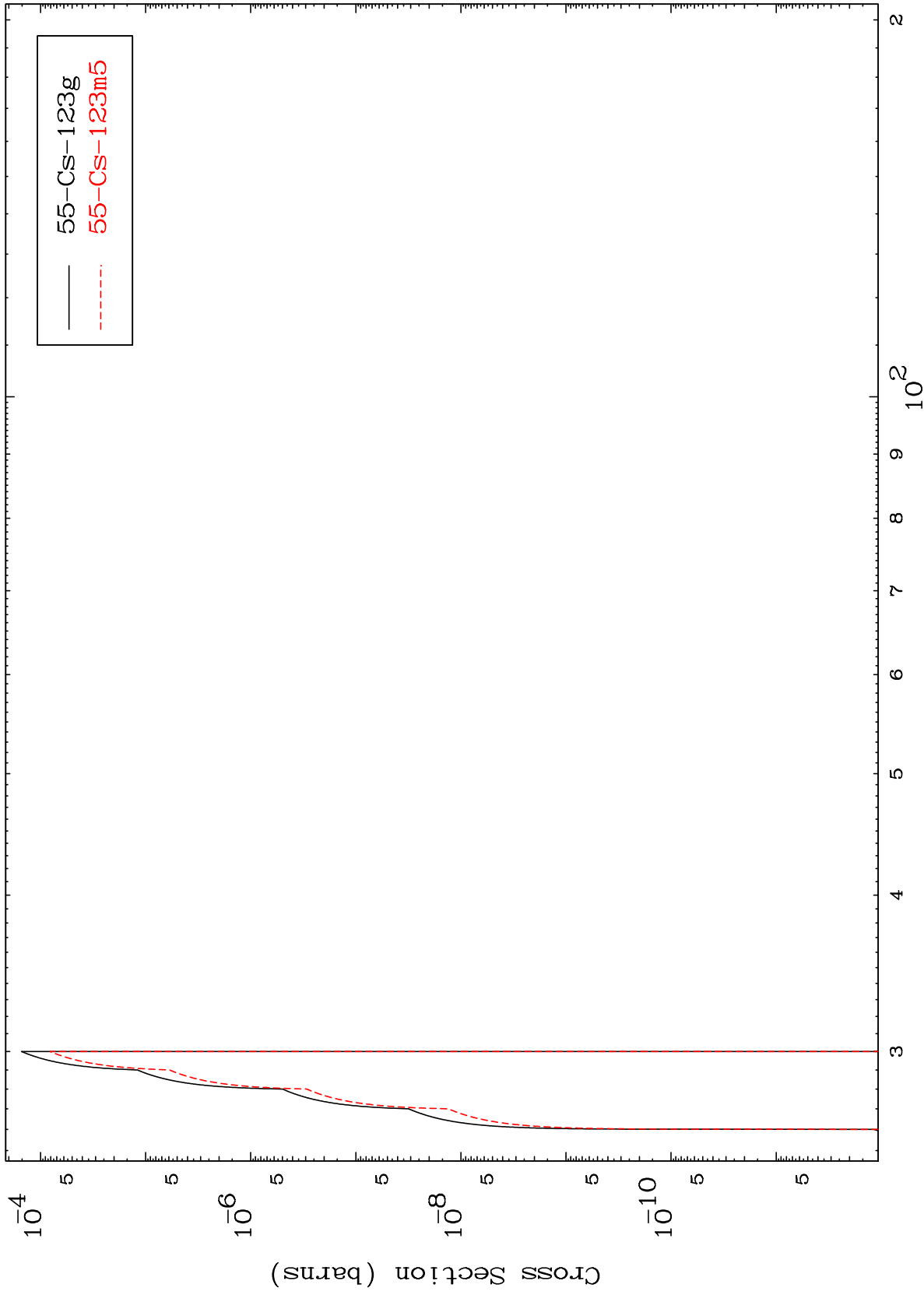
56-Ba-126

MAT 5613

(n,3n) p

56-Ba-126

Radionuclide Production Cross Section



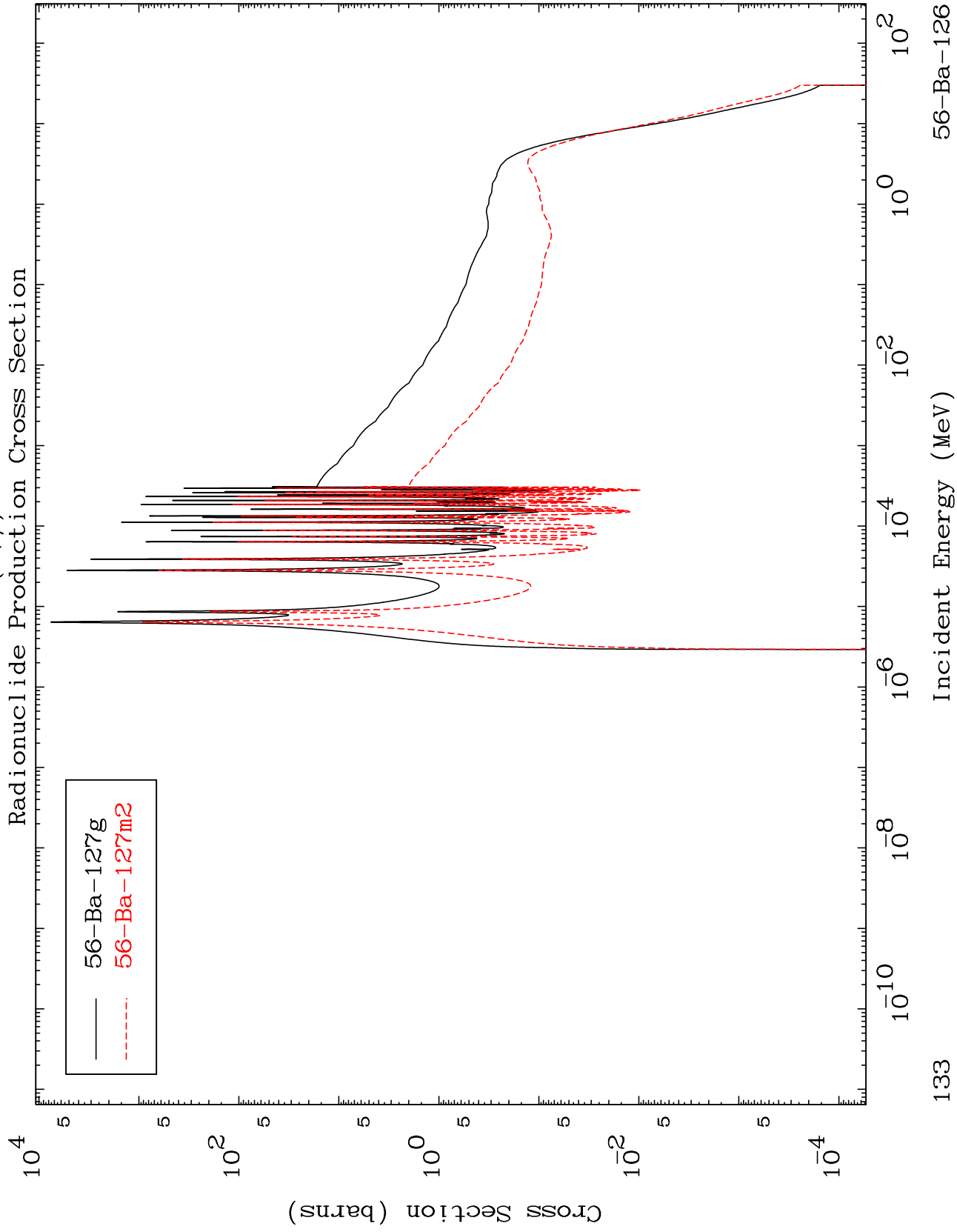
132

Incident Energy (MeV)

56-Ba-126

MAT 5613

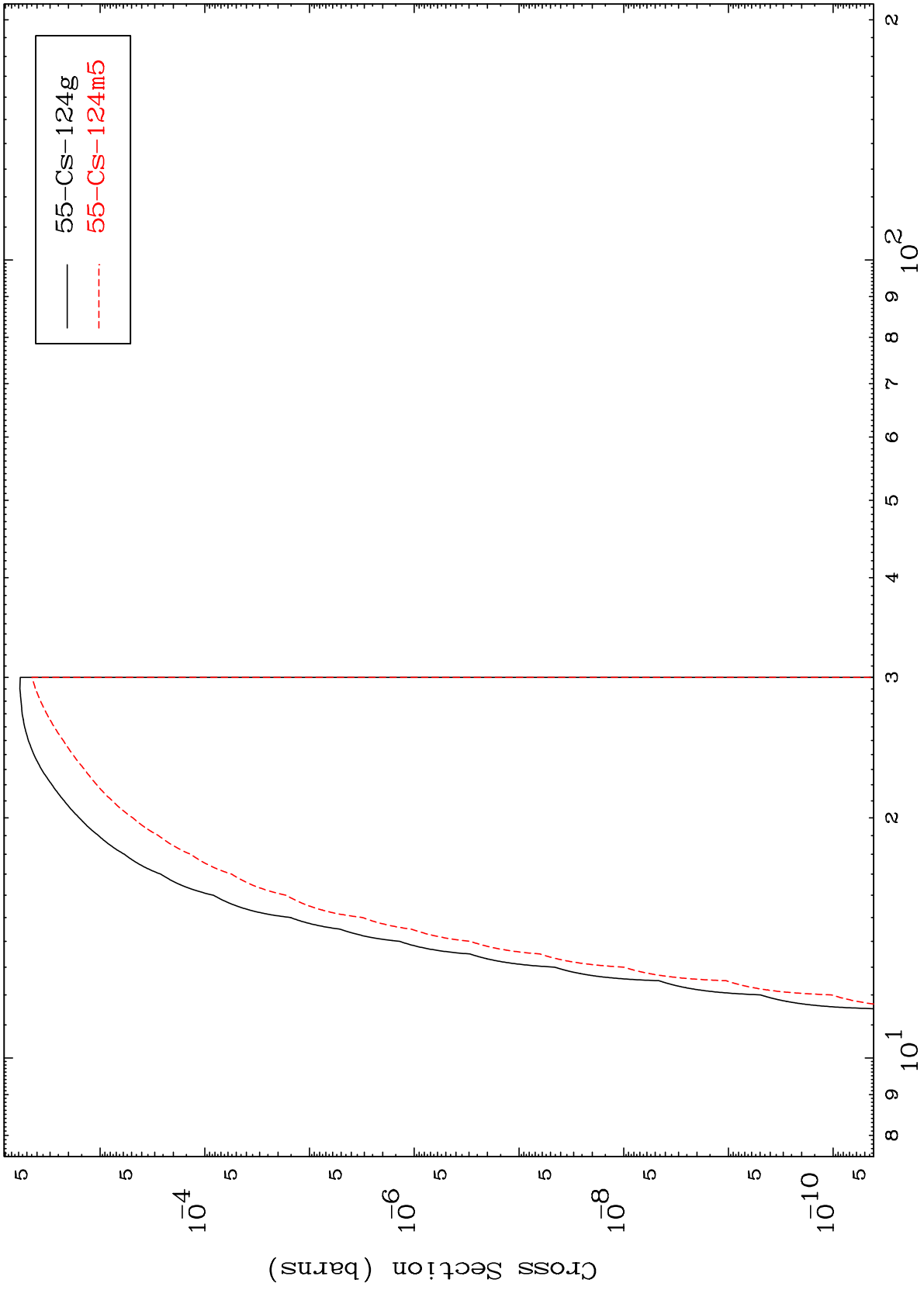
56-Ba-126



MAT 5613

56-Ba-126

(n, t)
Radionuclide Production Cross Section



134

Incident Energy (MeV)

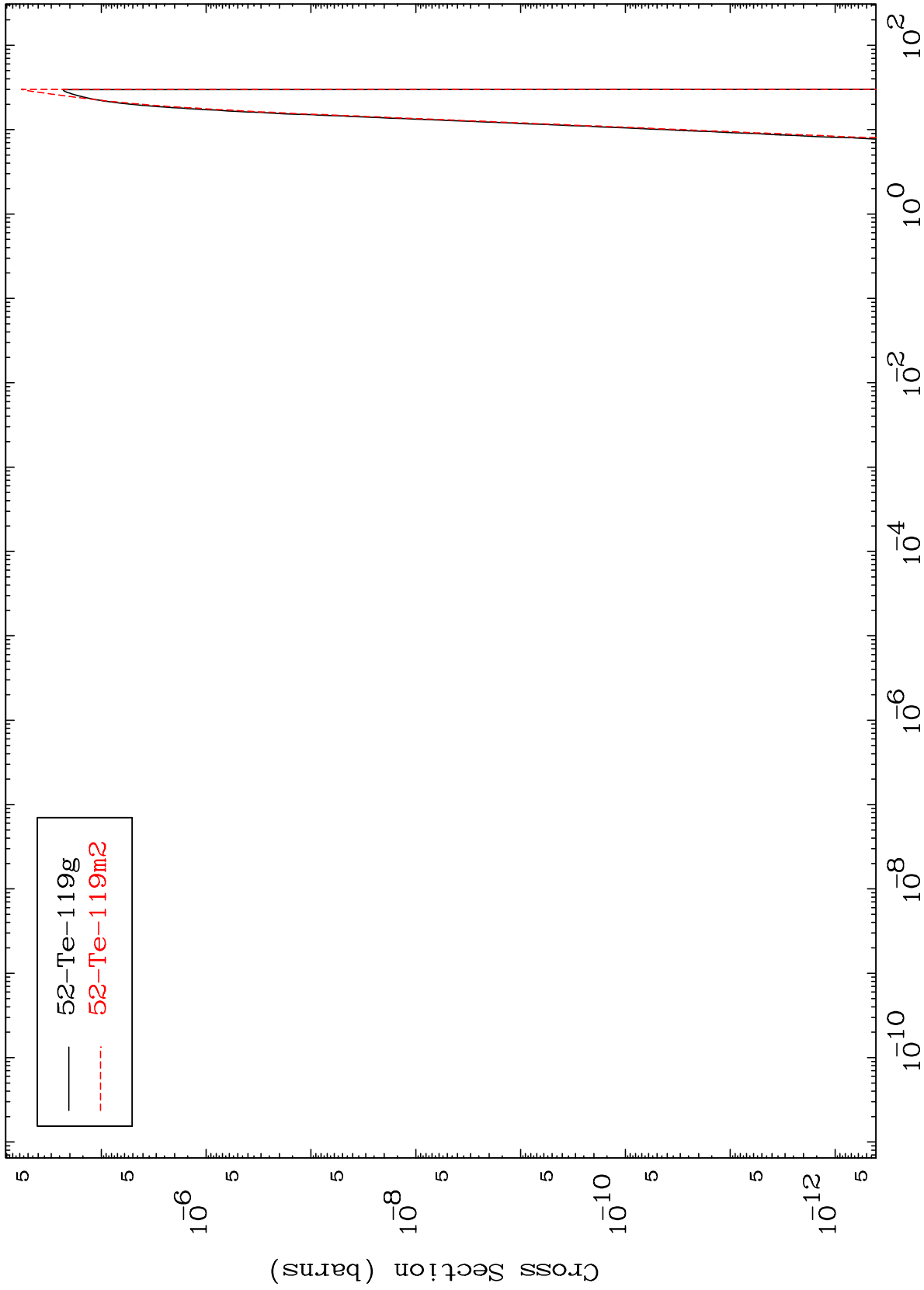
56-Ba-126

MAT 5613

(n,2α)

56-Ba-126

Radionuclide Production Cross Section



135

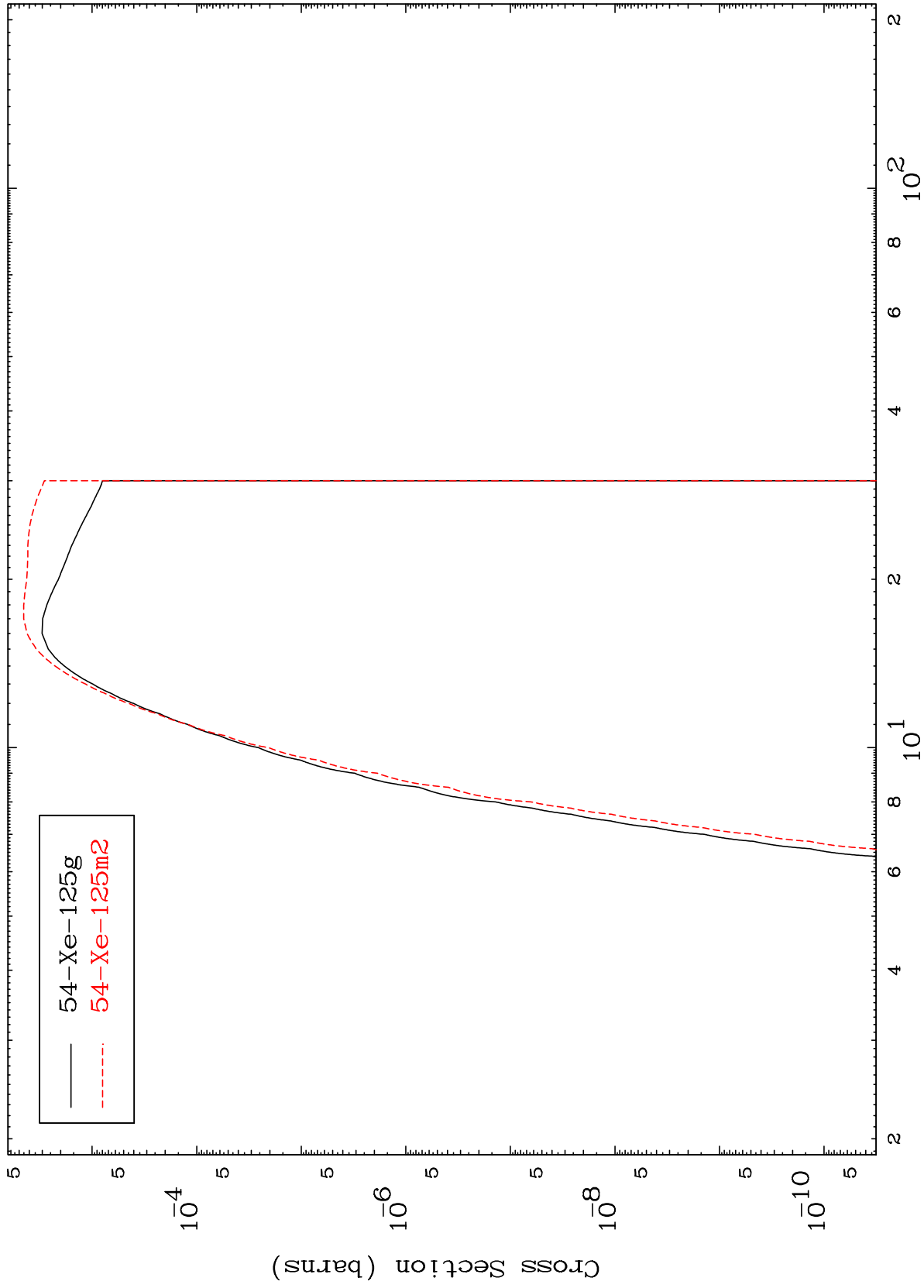
Incident Energy (MeV)

56-Ba-126

MAT 5613

56-Ba-126

(n,2p)
Radionuclide Production Cross Section



136

56-Ba-126