

Program EVALPLOT
(Version 2018-1)

by

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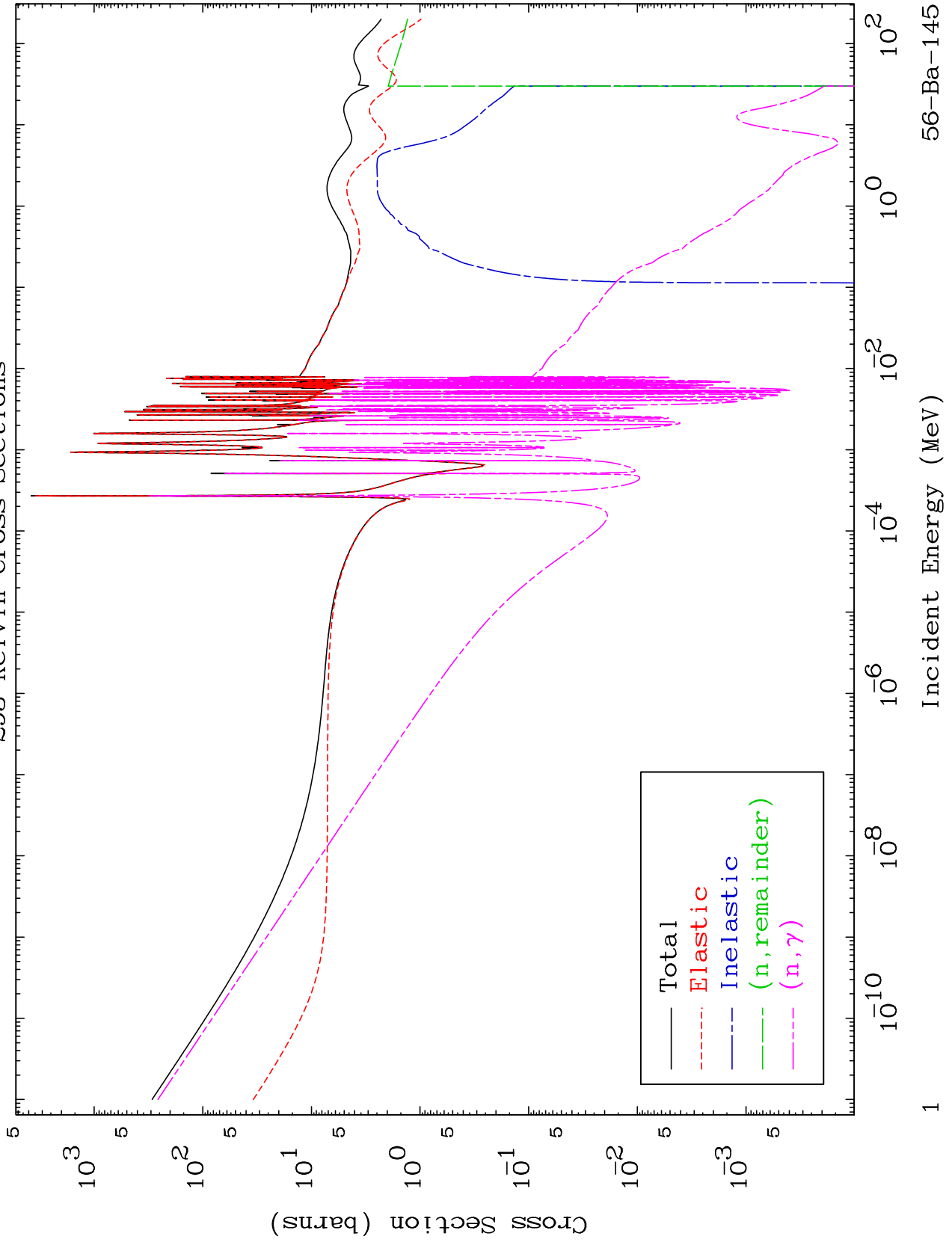
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5670

Major
293 Kelvin Cross Sections

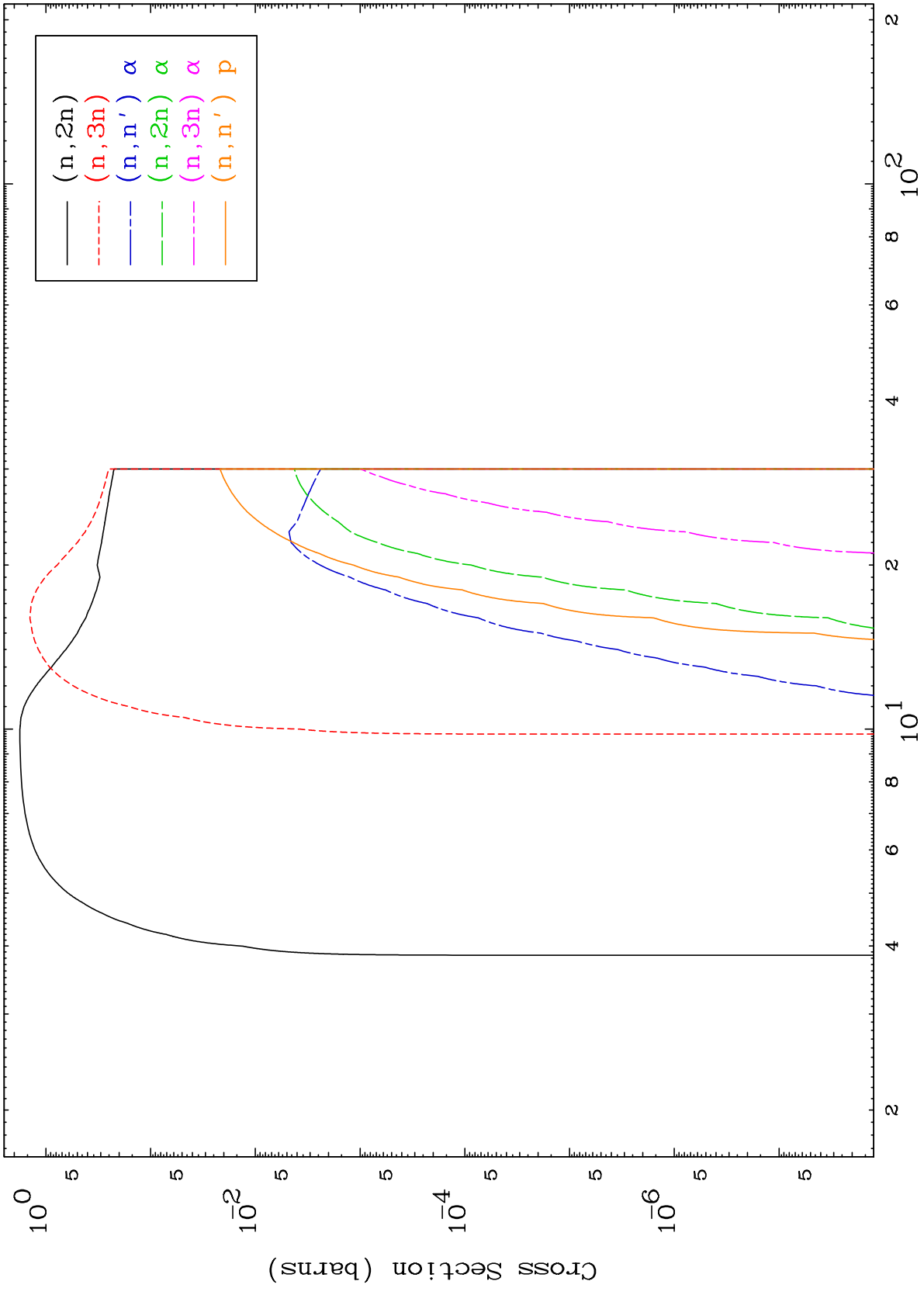
56-Ba-145



MAT 5670

Neutron Production 293 Kelvin Cross Sections

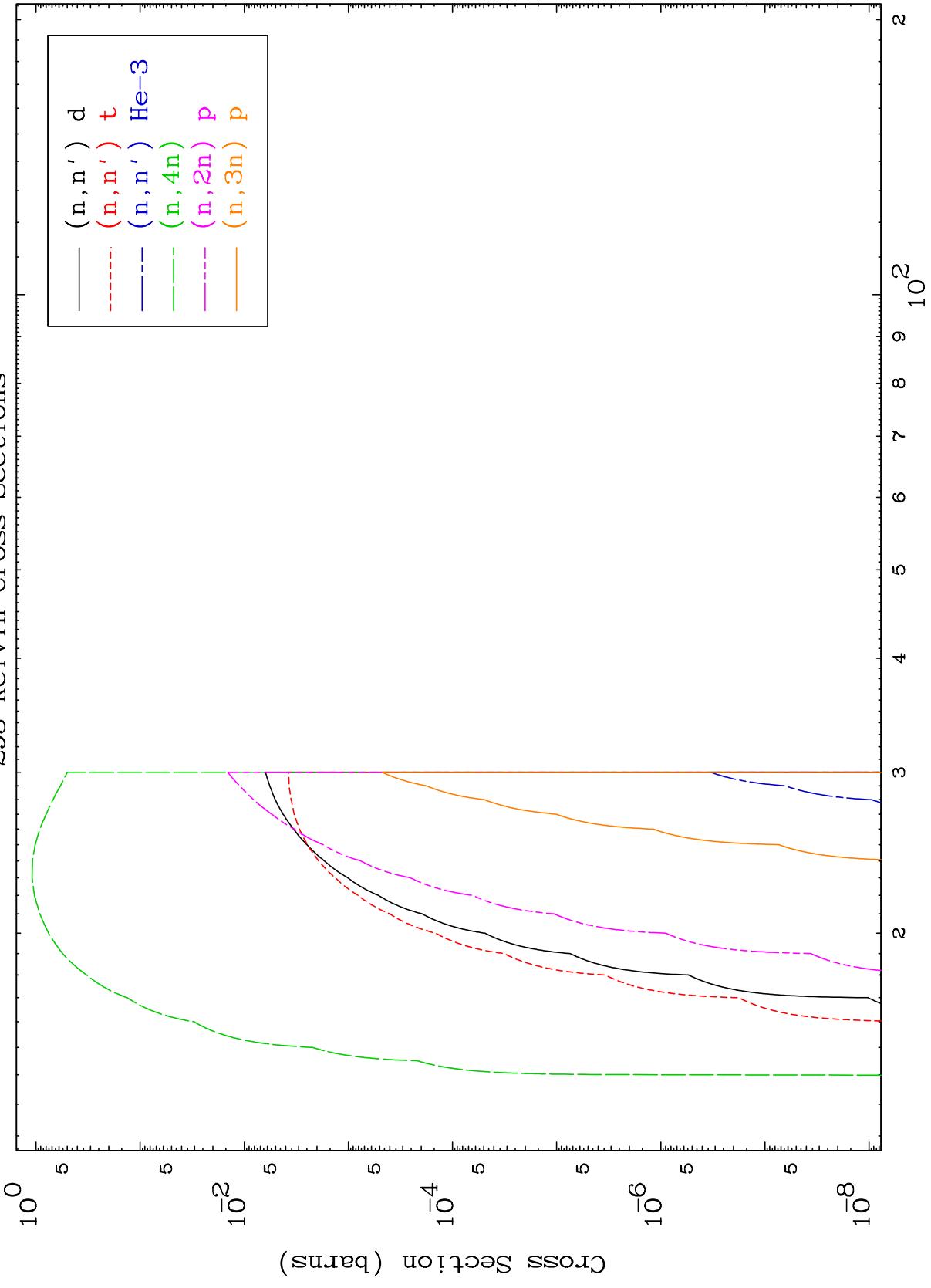
56-Ba-145



2

Incident Energy (MeV)

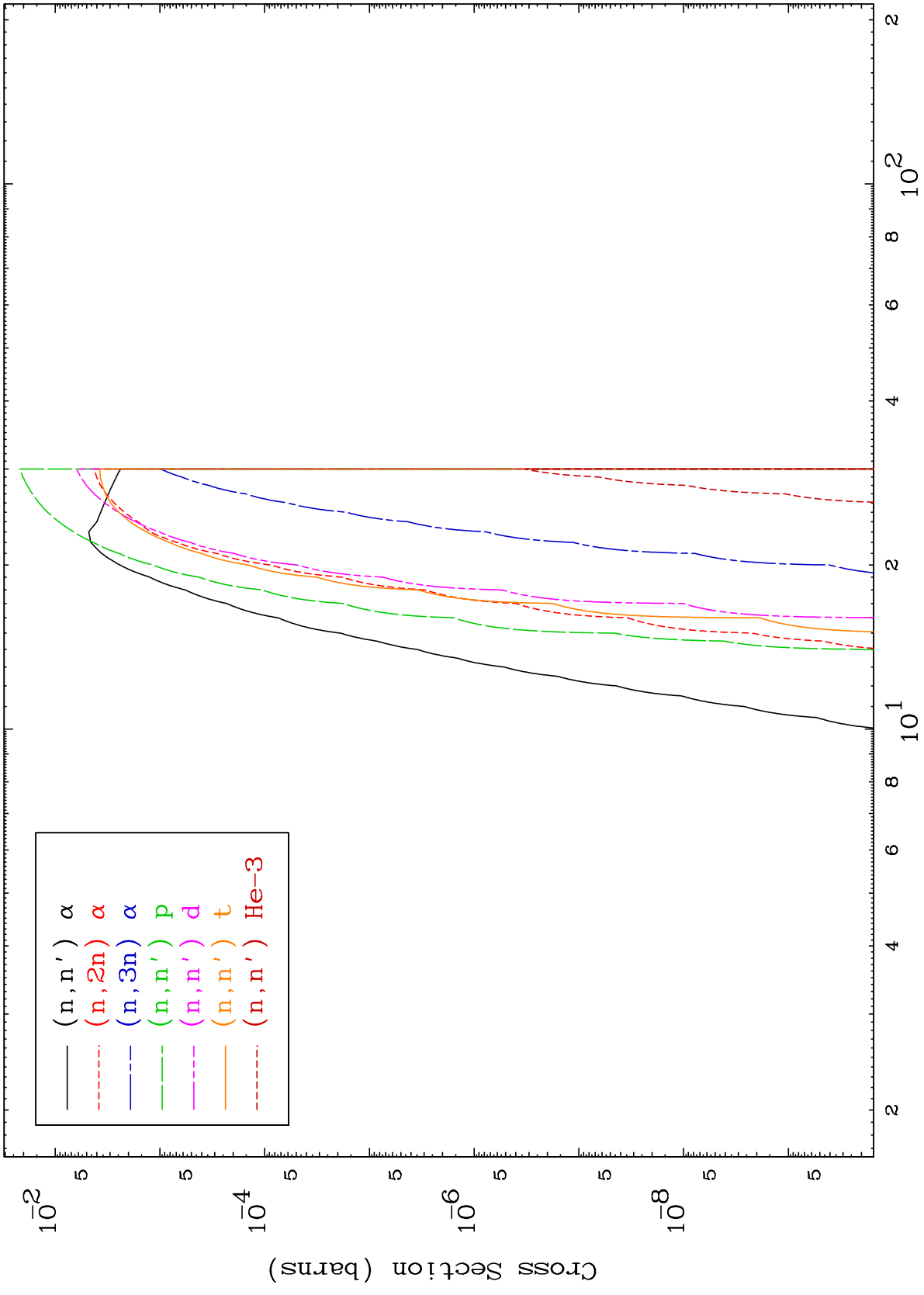
56-Ba-145



MAT 5670

Charged Particle
293 Kelvin Cross Sections

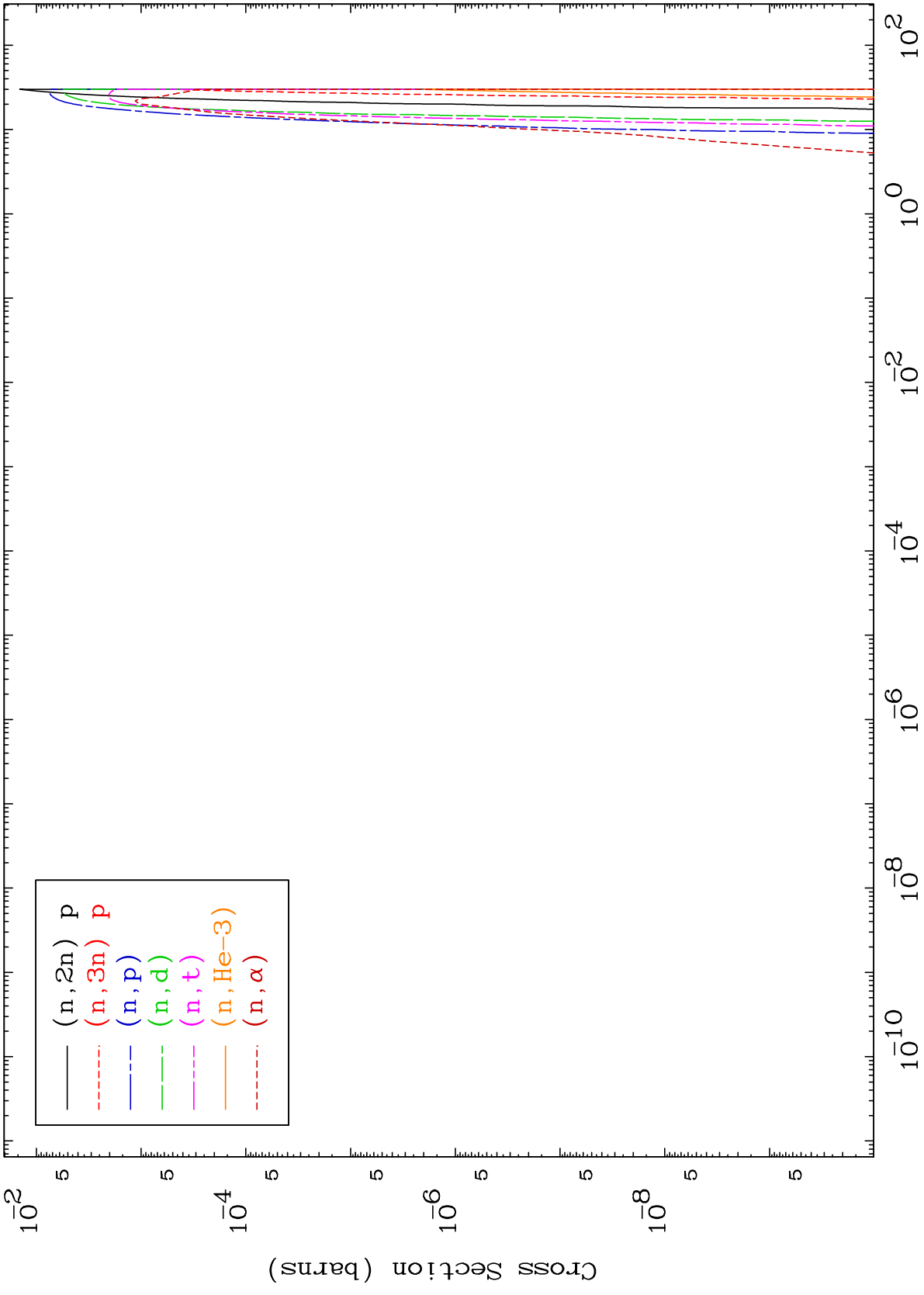
56-Ba-145



MAT 5670

Charged Particle
293 Kelvin Cross Sections

56-Ba-145



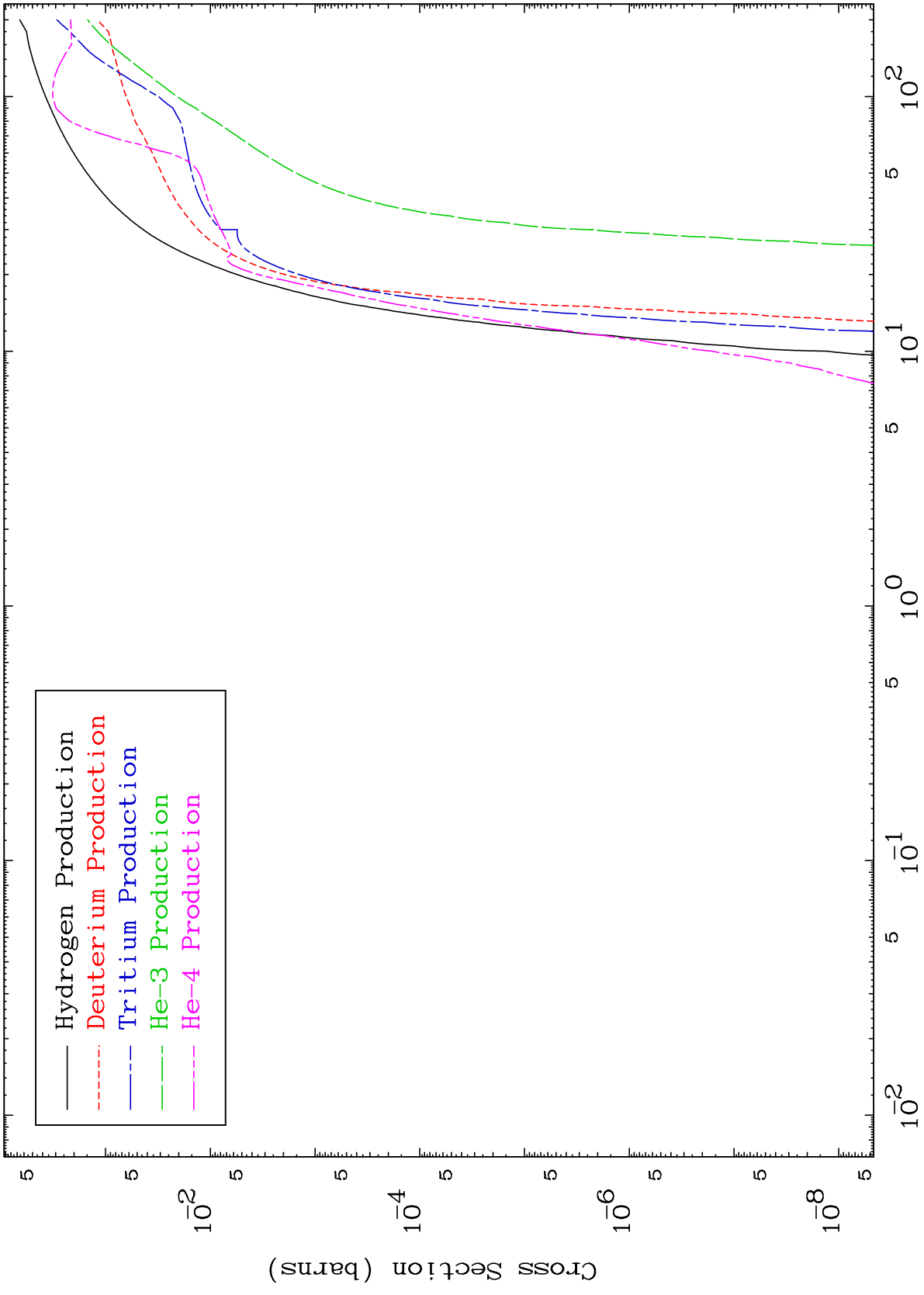
5

56-Ba-145

MAT 5670

Particle Production
293 Kelvin Cross Sections

56-Ba-145



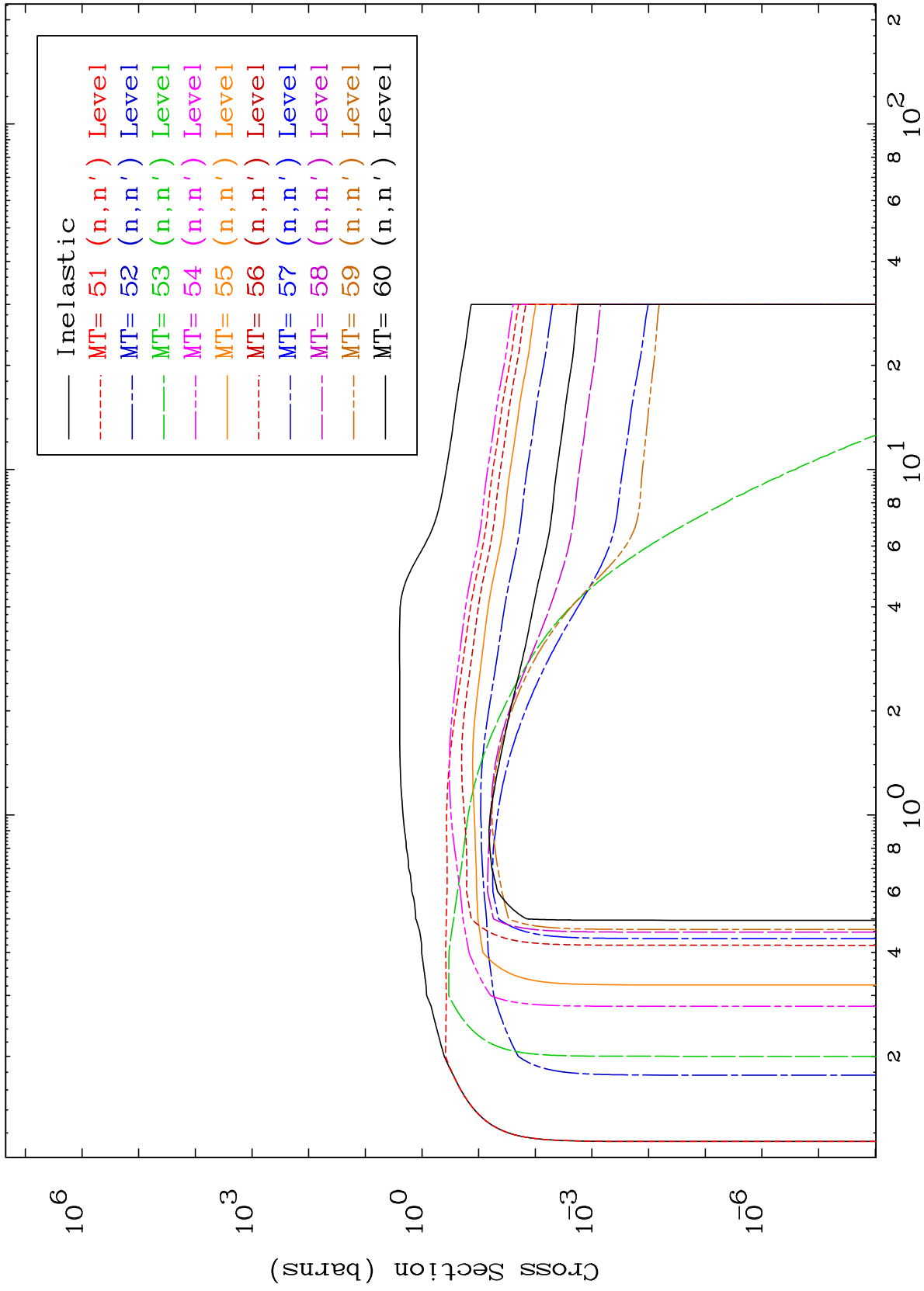
56-Ba-145

MAT 5670

(n,n') Level

56-Ba-145

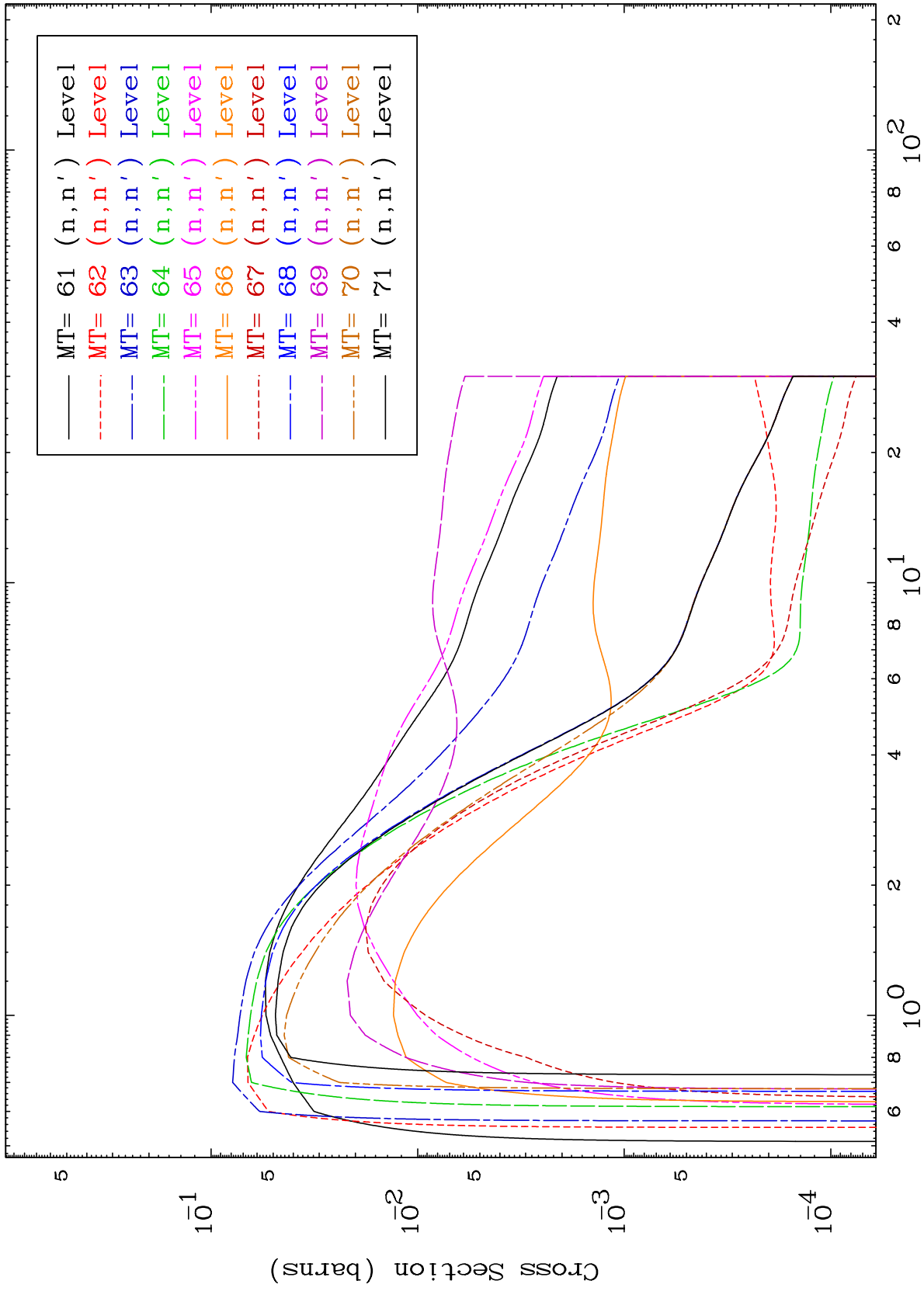
293 Kelvin Cross Sections



MAT 5670

(n,n') Level
293 Kelvin Cross Sections

56-Ba-145



8

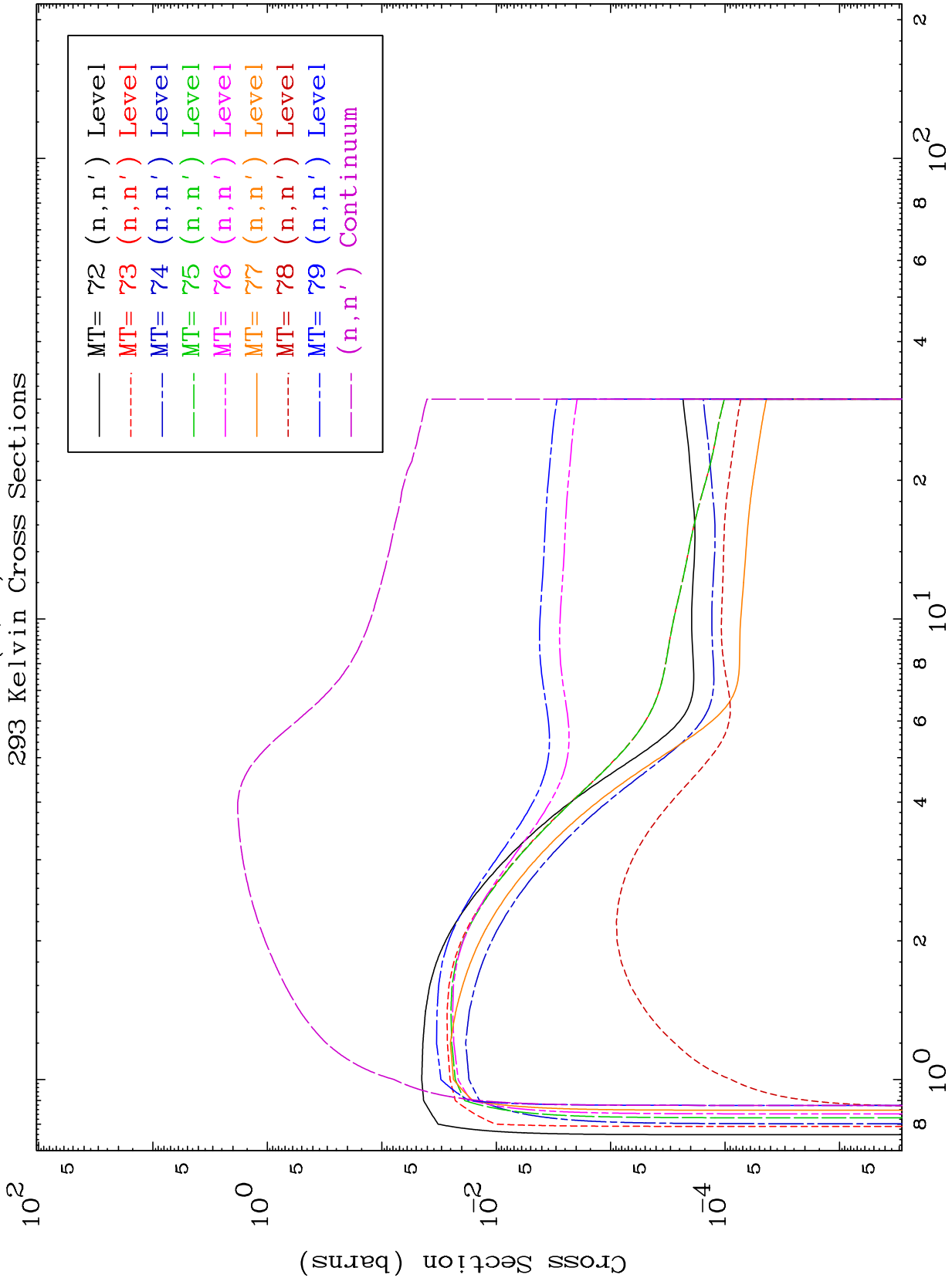
Incident Energy (MeV)

56-Ba-145

MAT 5670

(n,n') Level
293 Kelvin Cross Sections

56-Ba-145



9

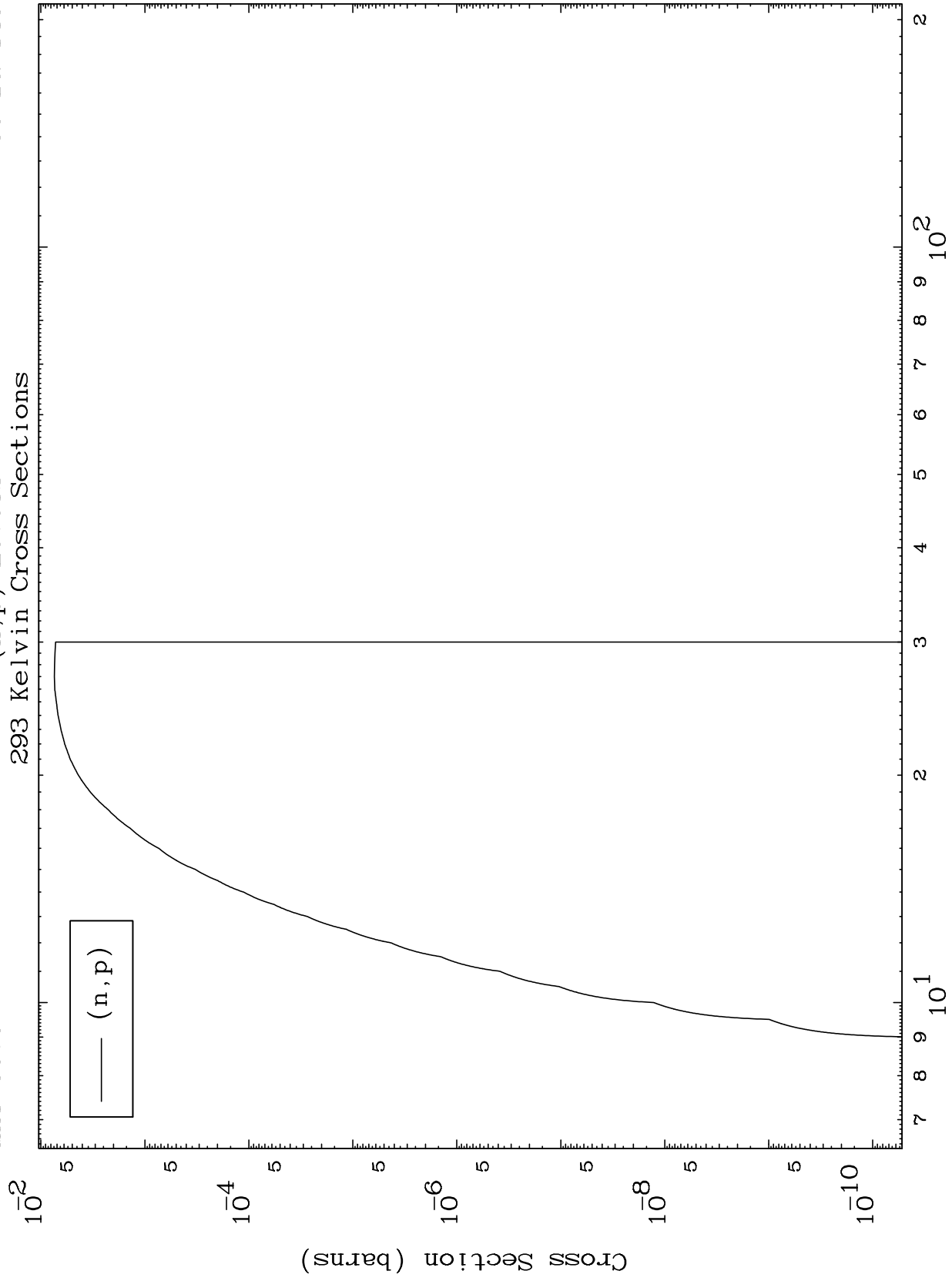
Incident Energy (MeV)

56-Ba-145

MAT 5670

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-145



10

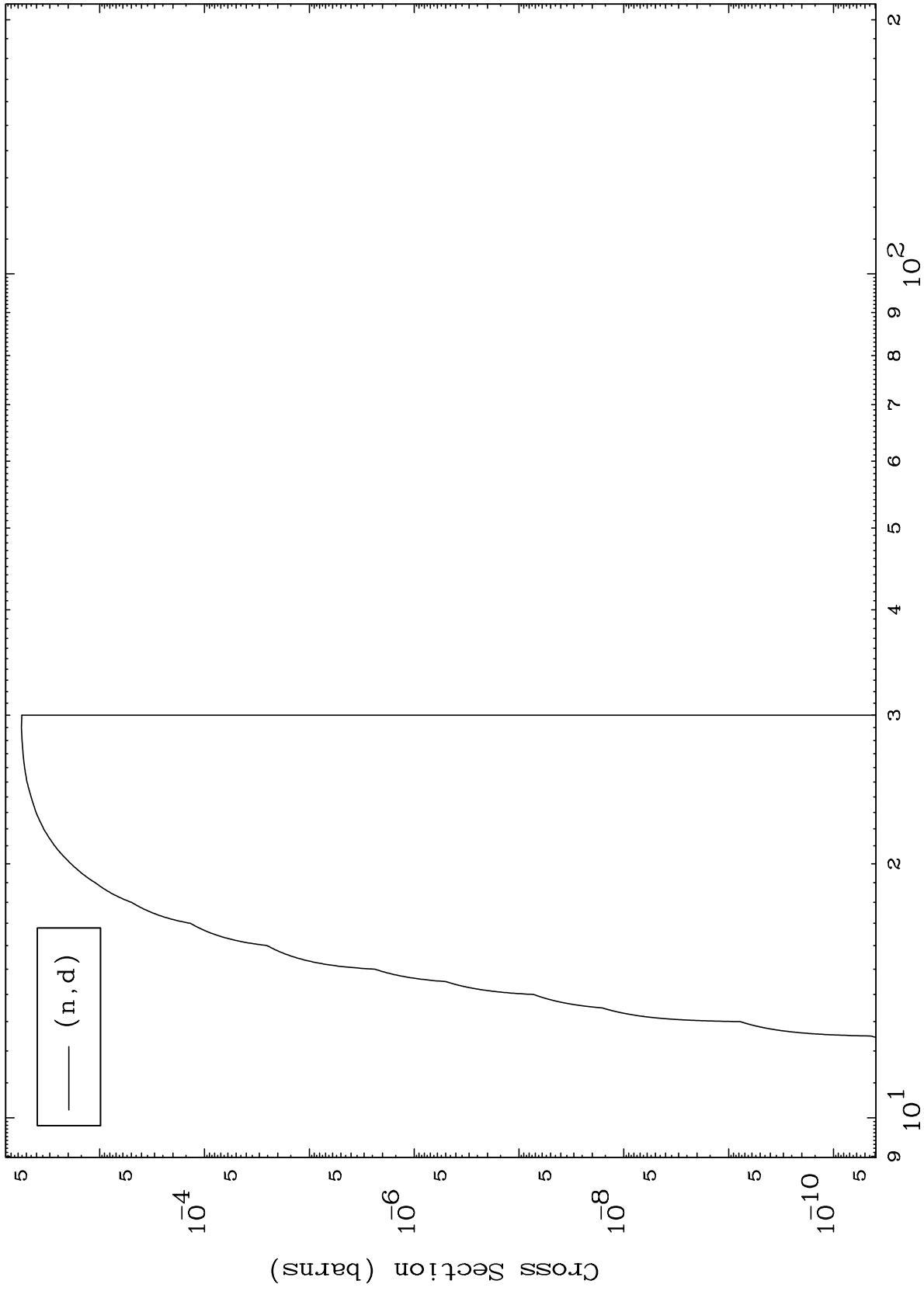
Incident Energy (MeV)

56-Ba-145

MAT 5670

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-145



11

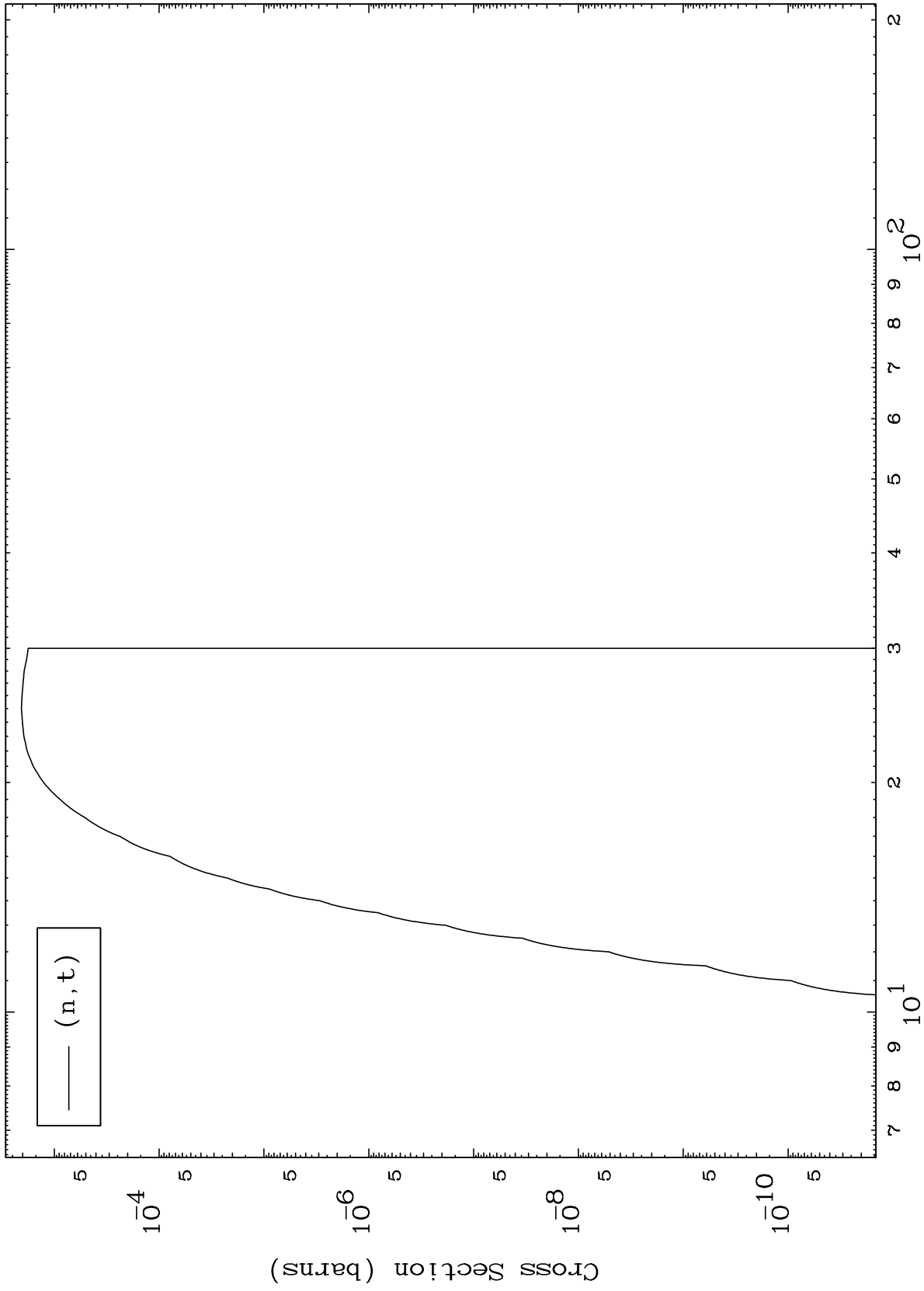
Incident Energy (MeV)

56-Ba-145

MAT 5670

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-145



12

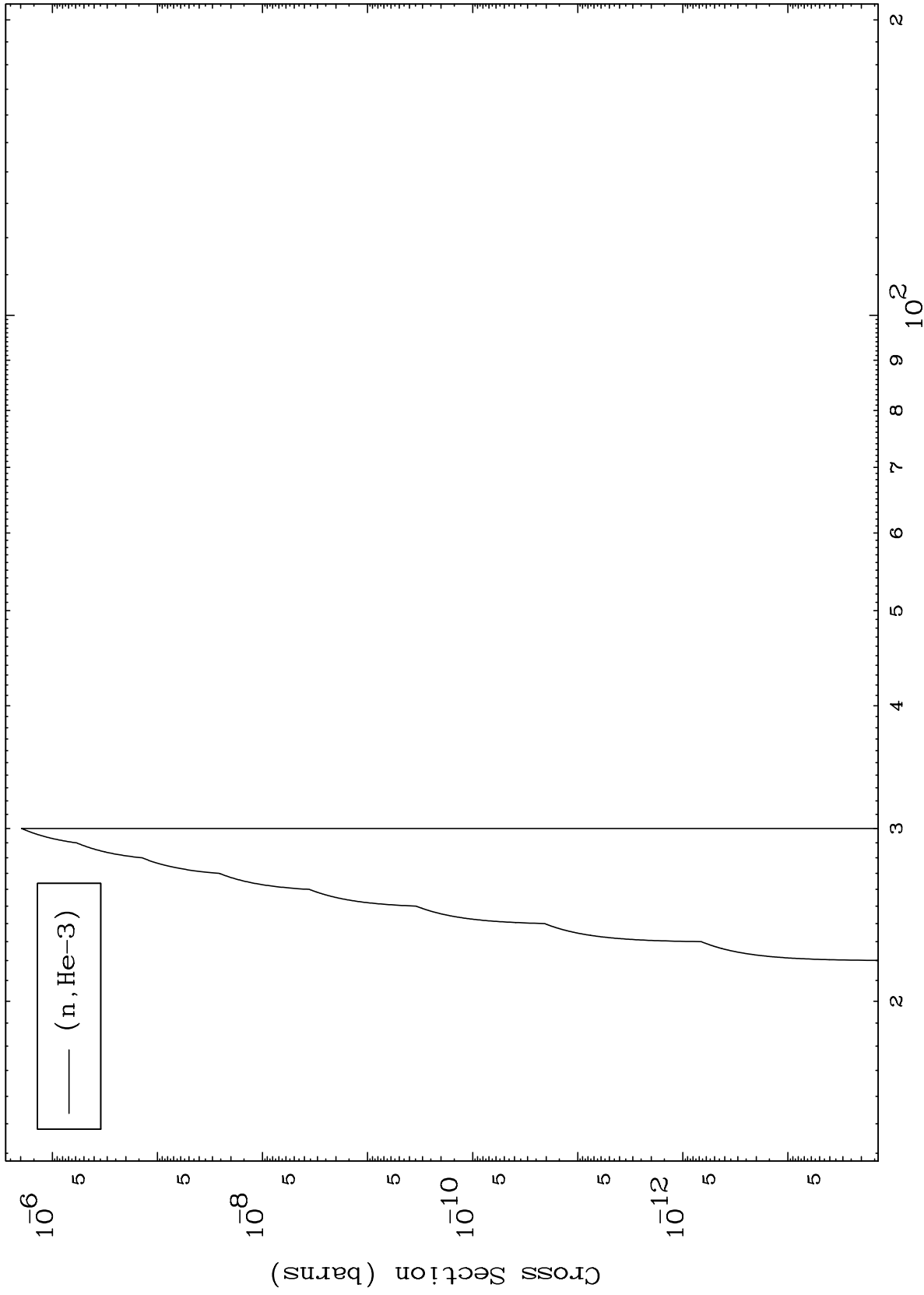
Incident Energy (MeV)

56-Ba-145

MAT 5670

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-145



13

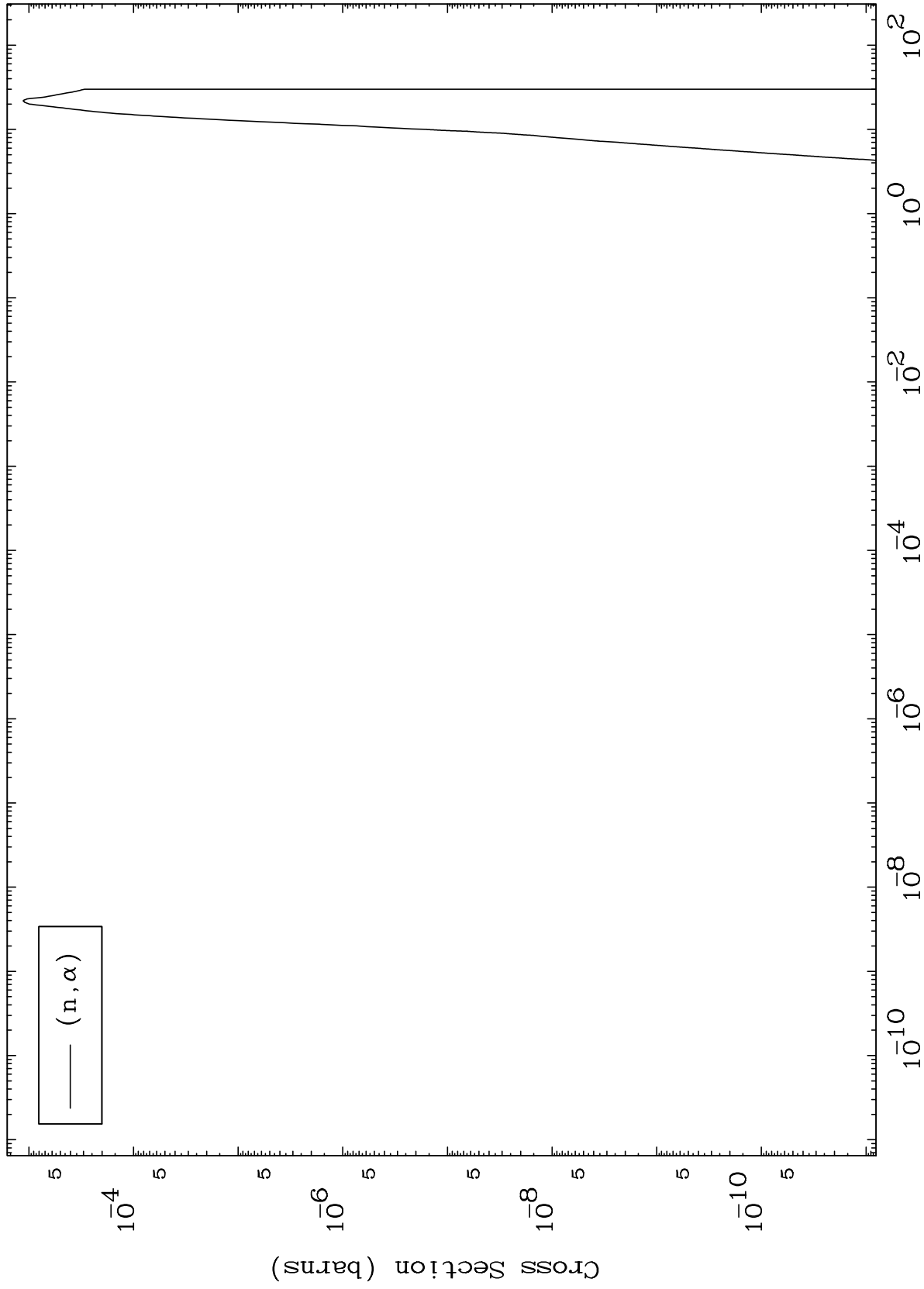
Incident Energy (MeV)

56-Ba-145

MAT 5670

(n,α) Levels
293 Kelvin Cross Sections

56-Ba-145



14

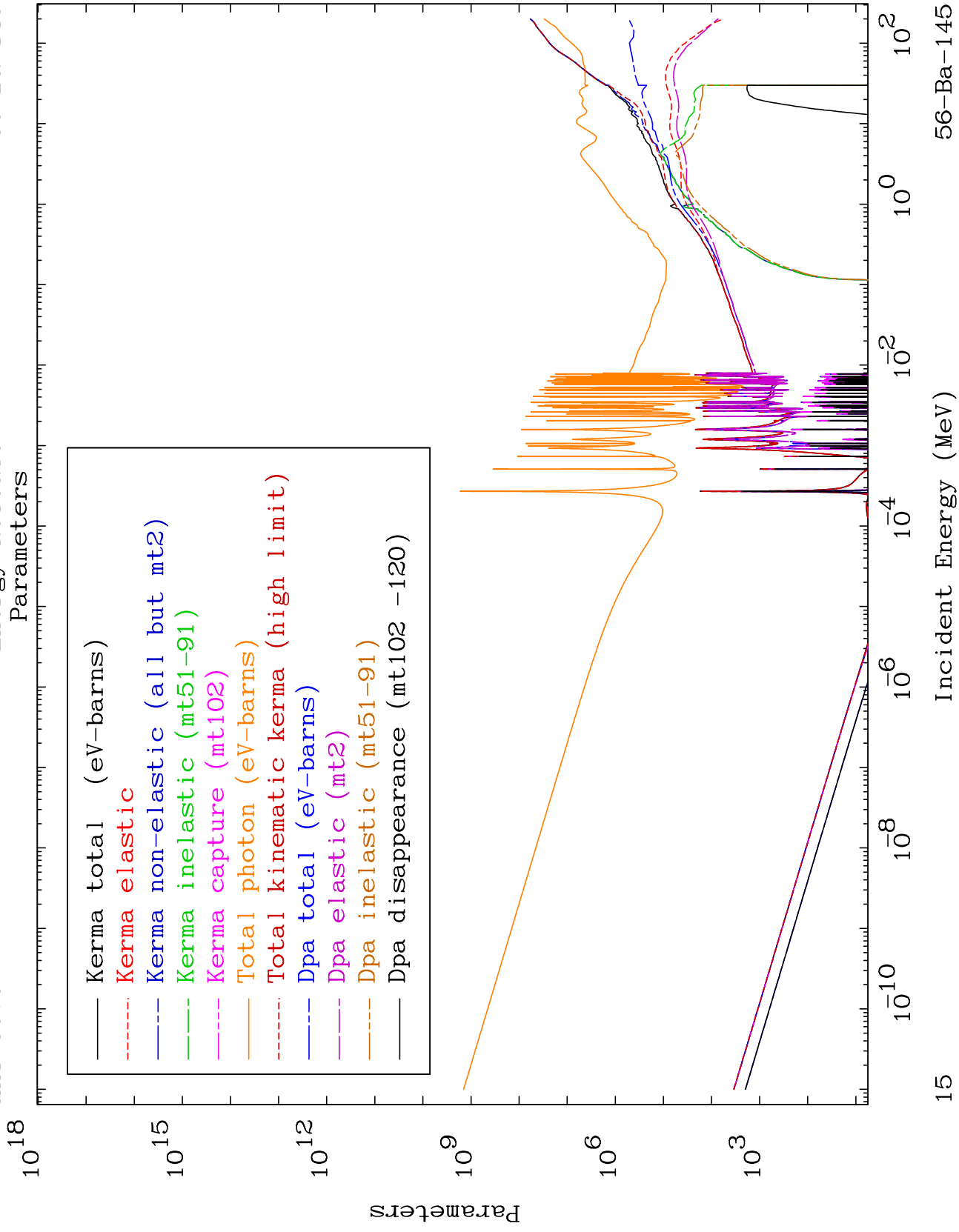
Incident Energy (MeV)

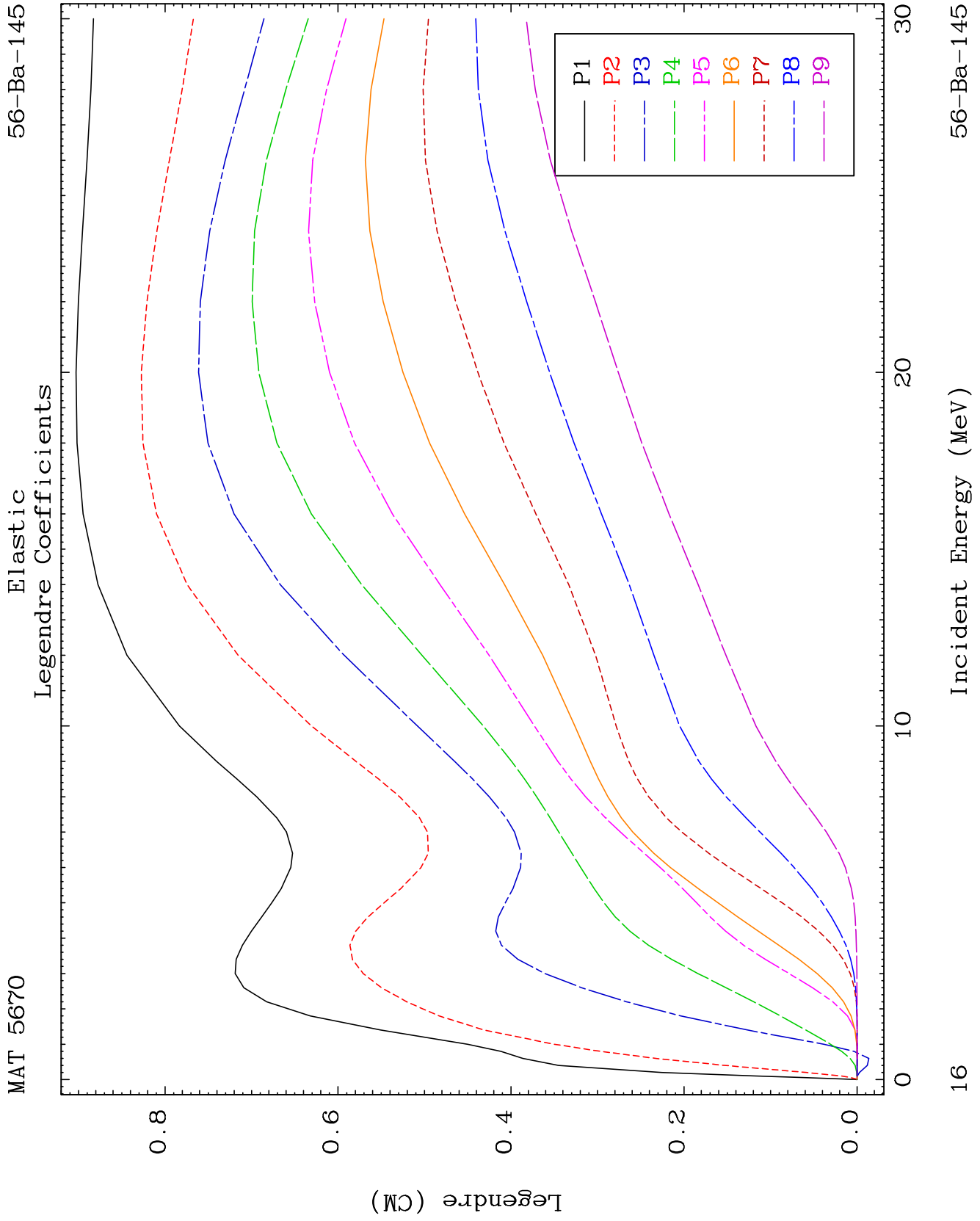
56-Ba-145

MAT 5670

Energy Release
Parameters

56-Ba-145

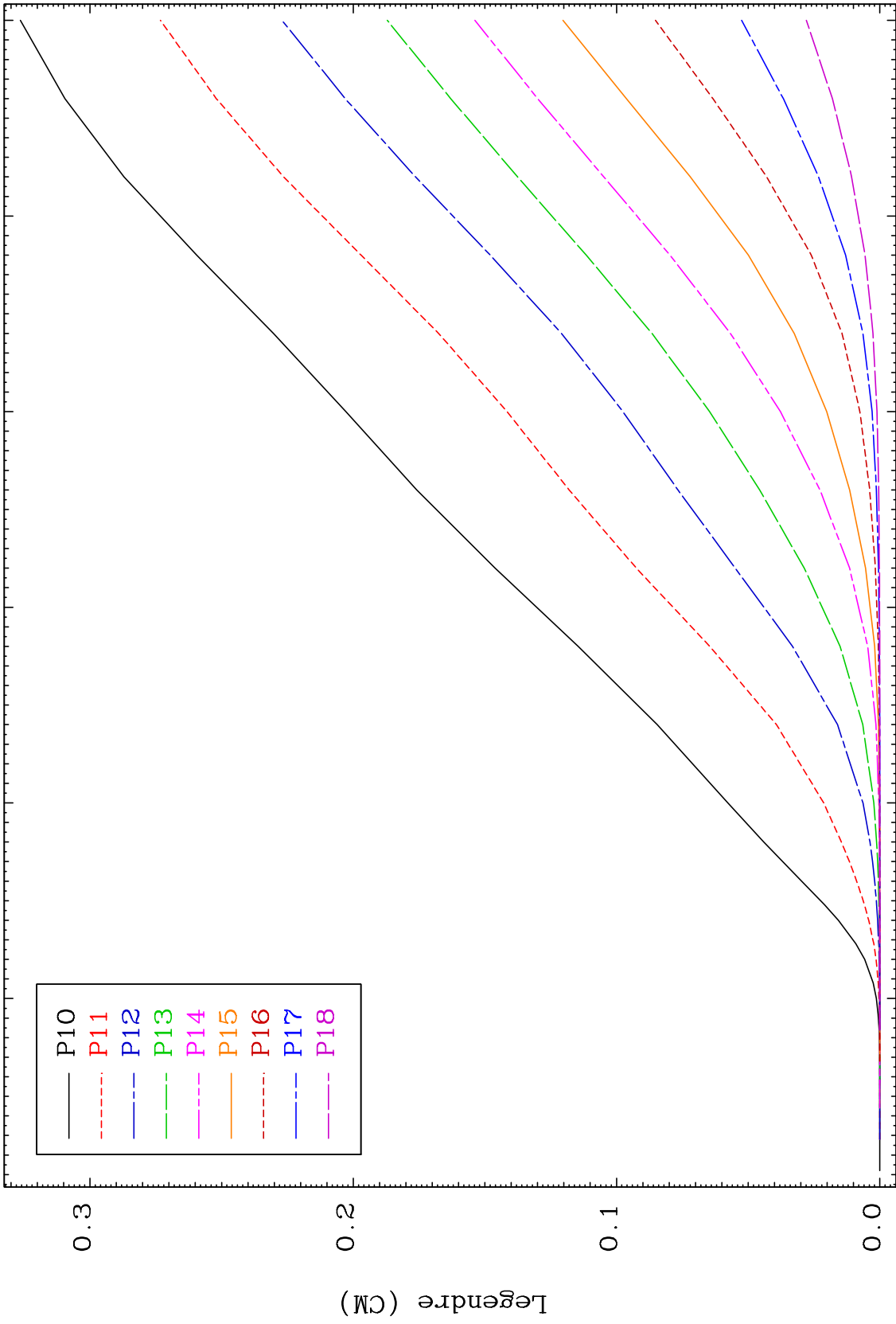




MAT 5670

Elastic Legendre Coefficients

56-Ba-145



17

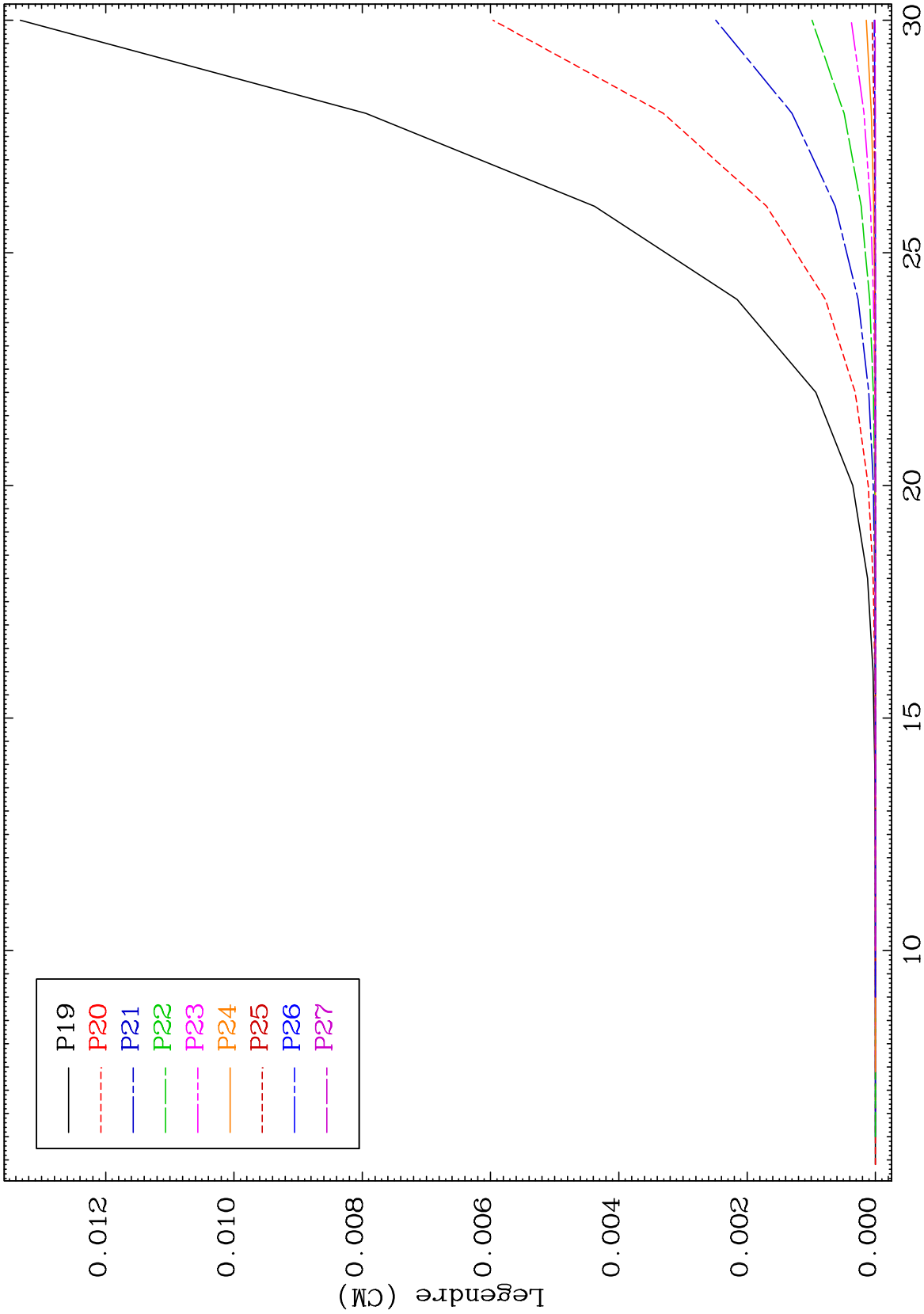
Incident Energy (MeV)

56-Ba-145

MAT 5670

Elastic Legendre Coefficients

56-Ba-145



18

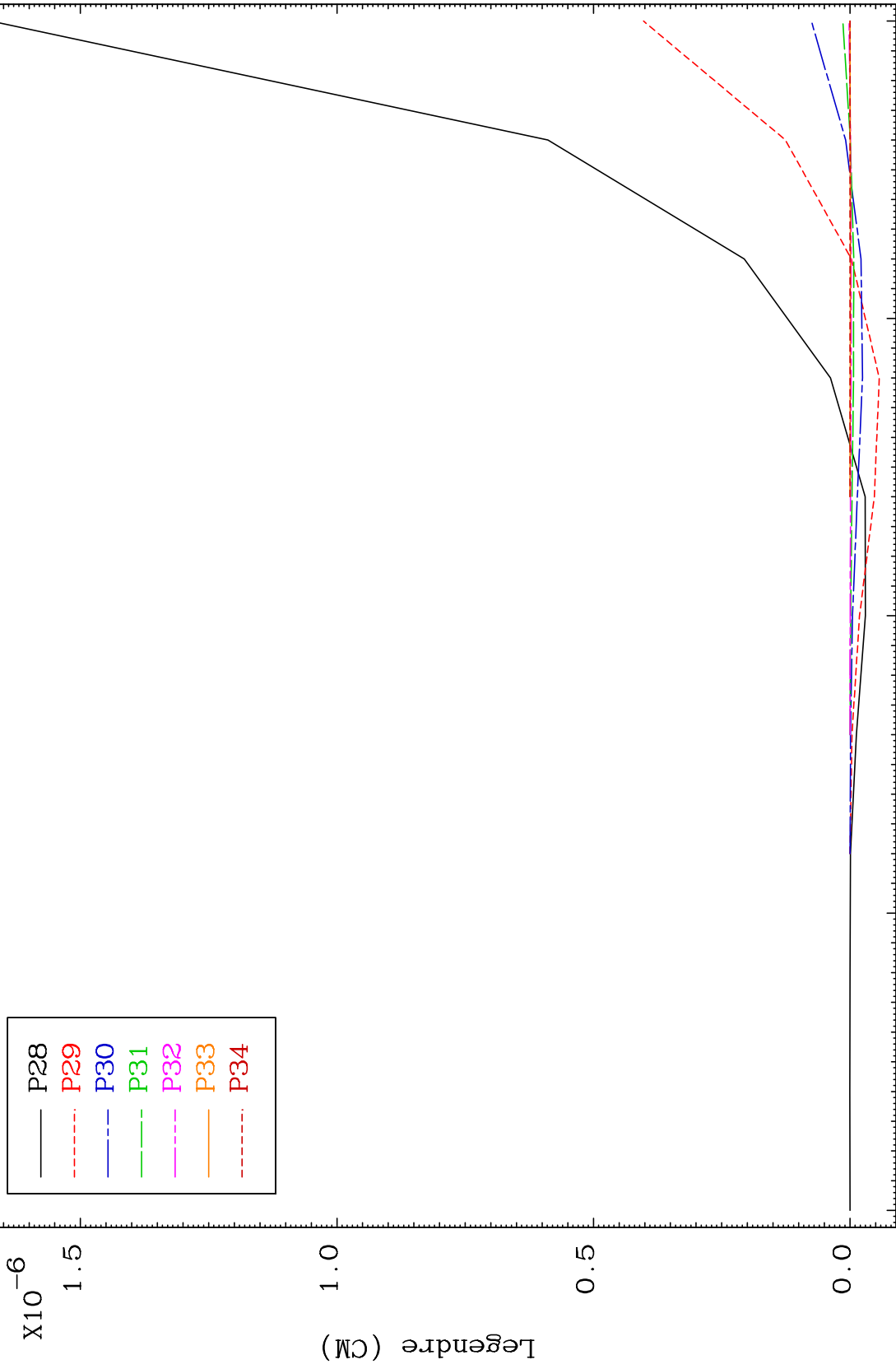
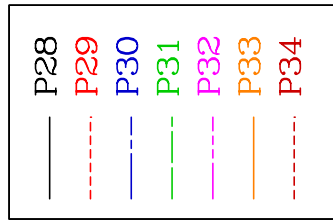
Incident Energy (MeV)

56-Ba-145

MAT 5670

Elastic Legendre Coefficients

56-Ba-145



19

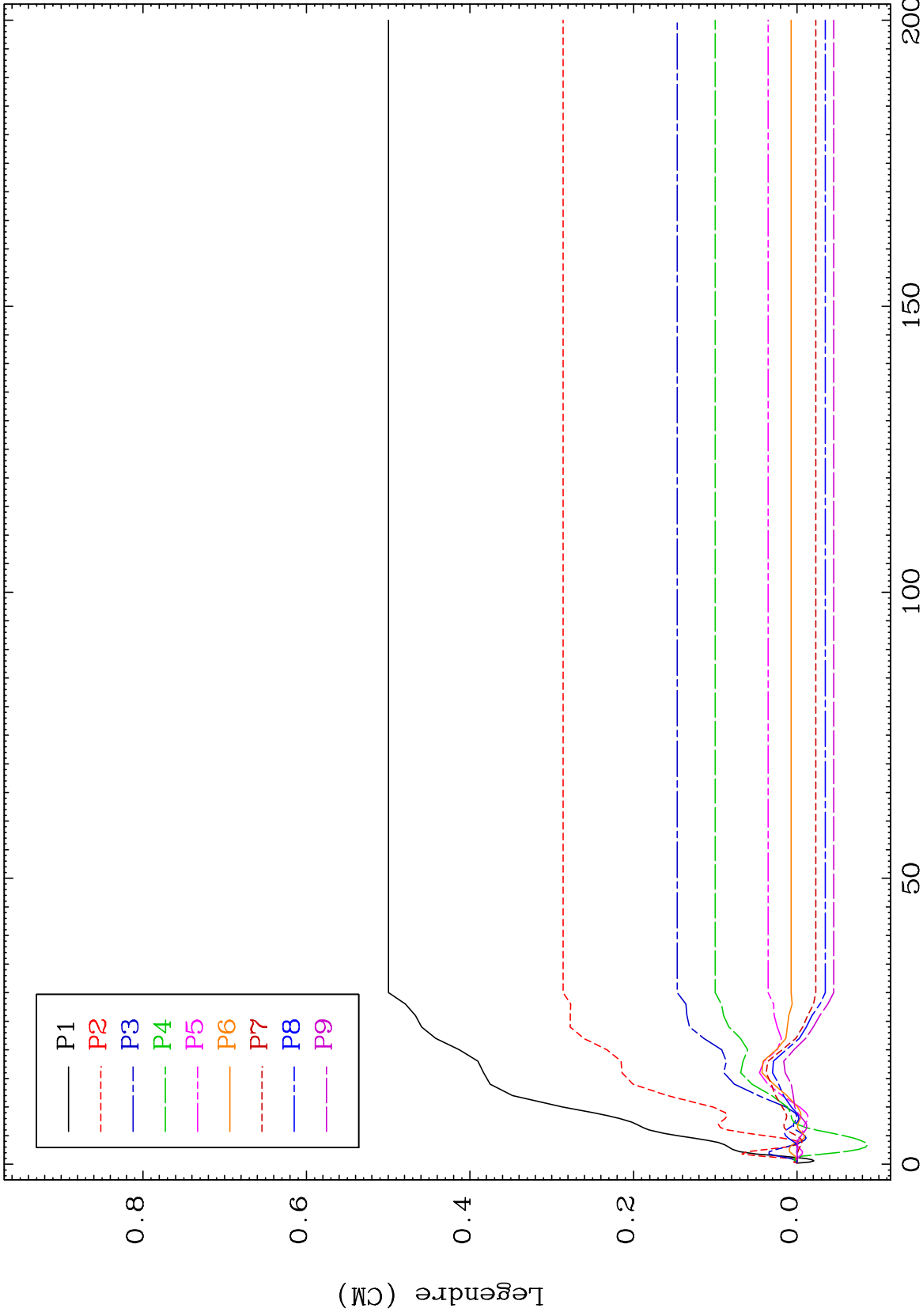
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



56-Ba-145

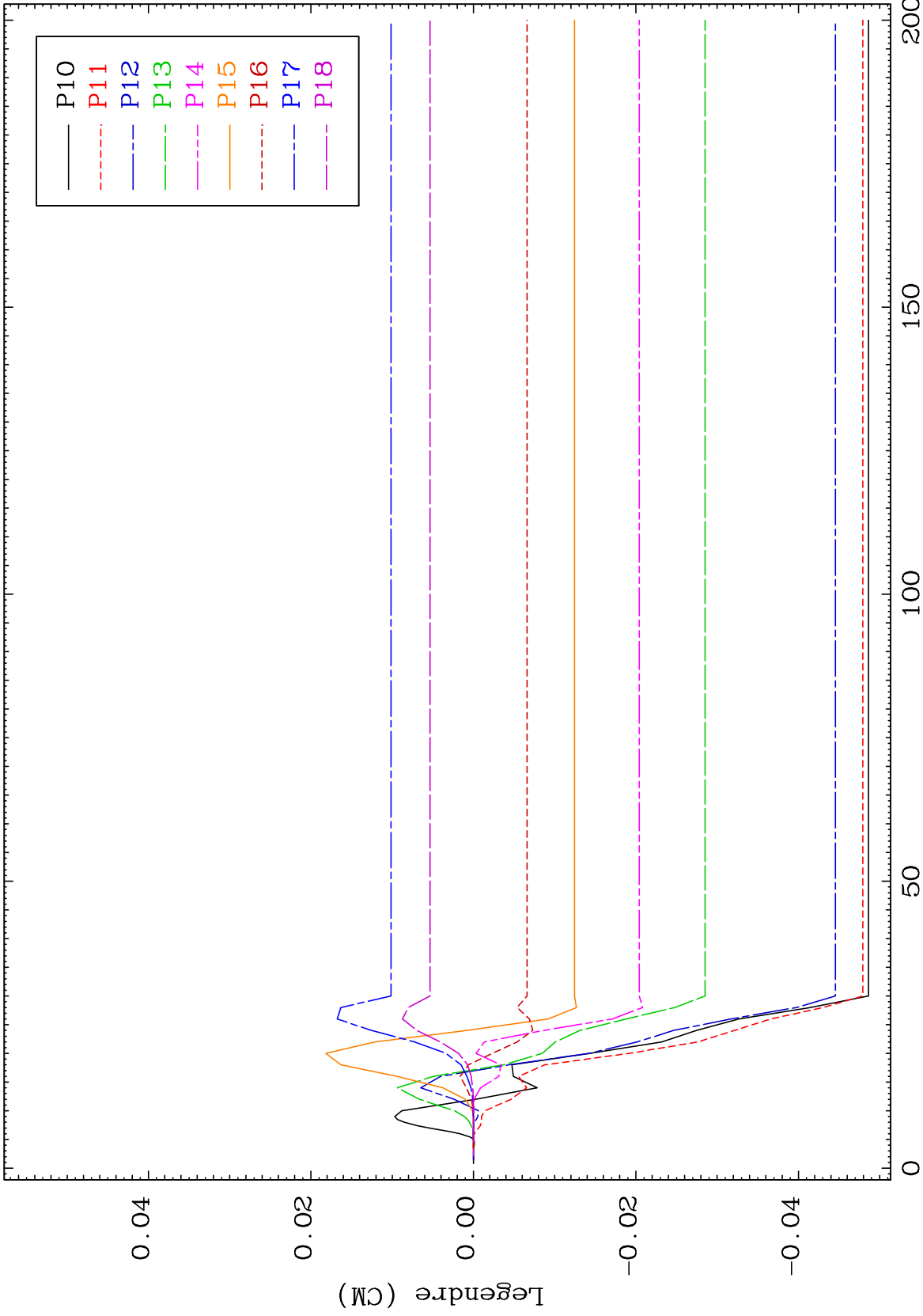
Incident Energy (MeV)

20

MAT 5670

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

56-Ba-145



21

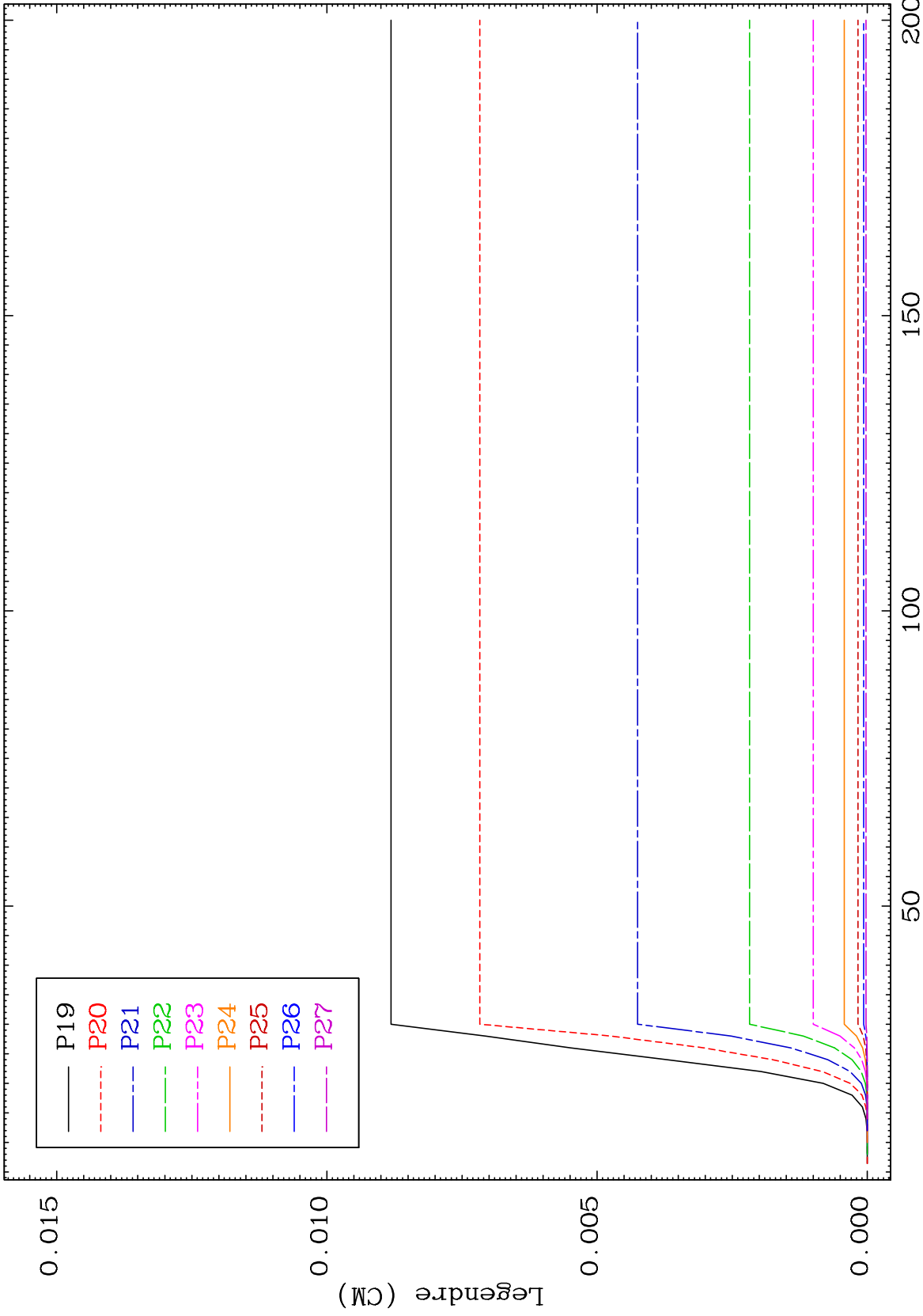
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



22

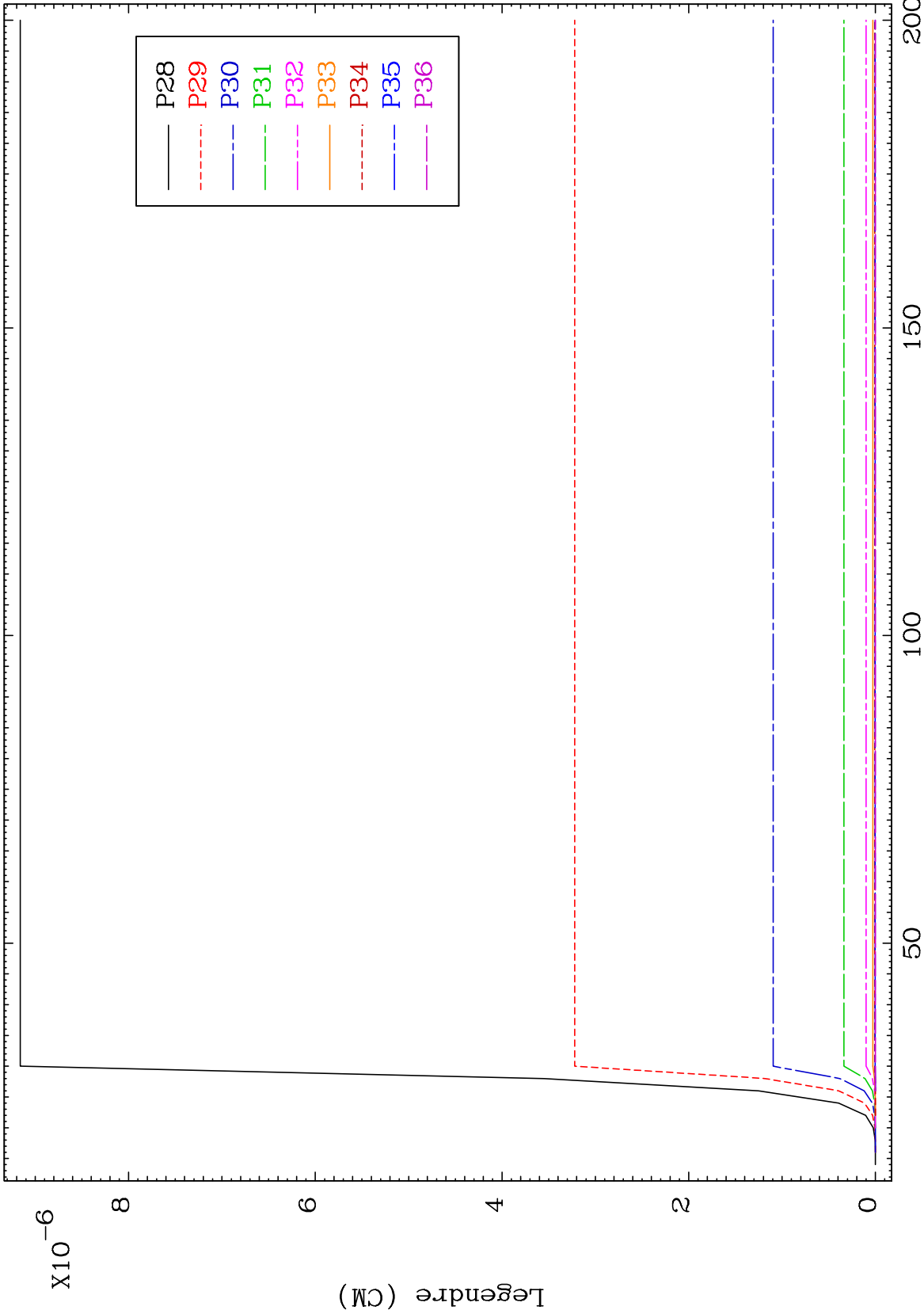
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



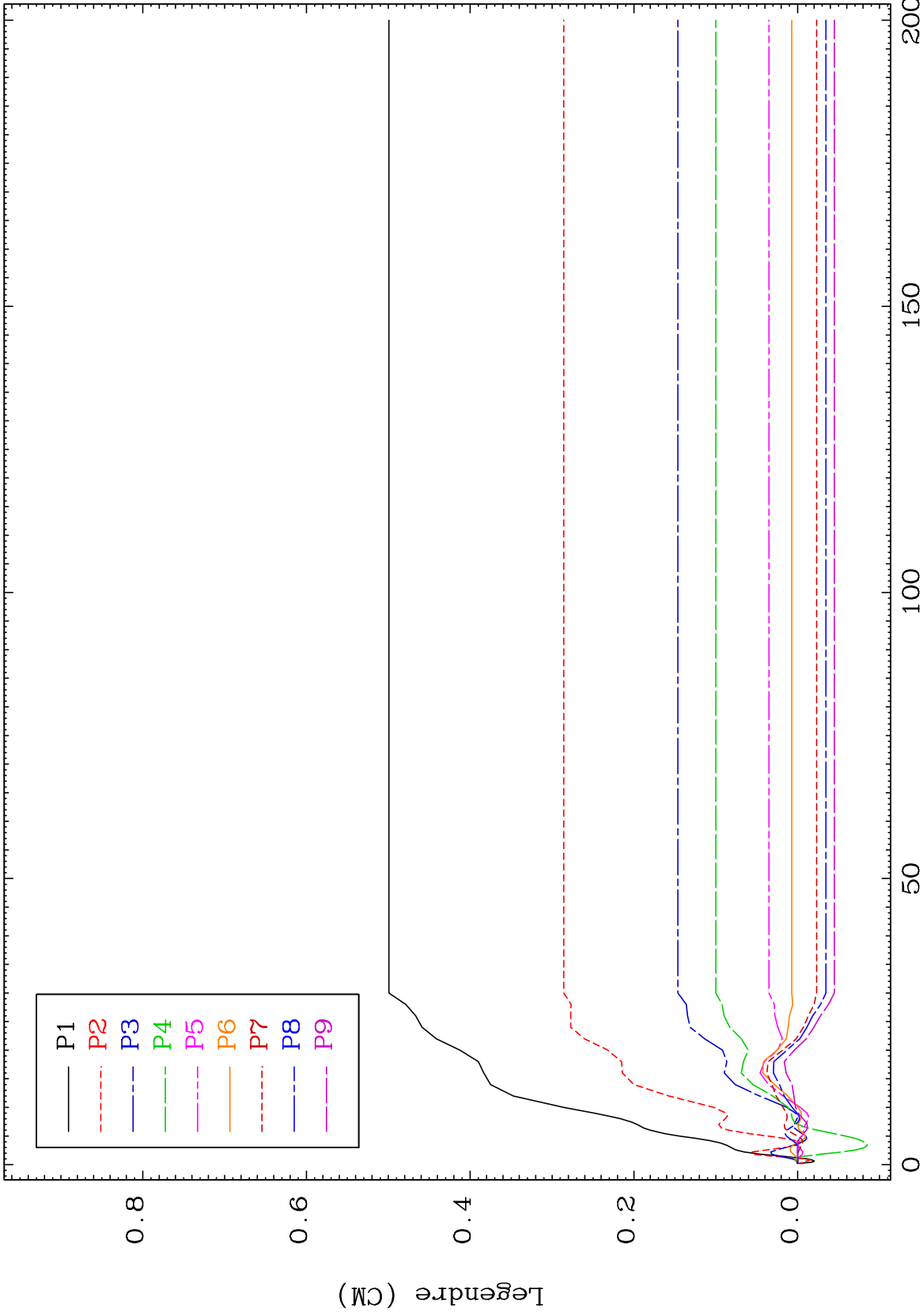
23

56-Ba-145

MAT 5670

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

56-Ba-145



24

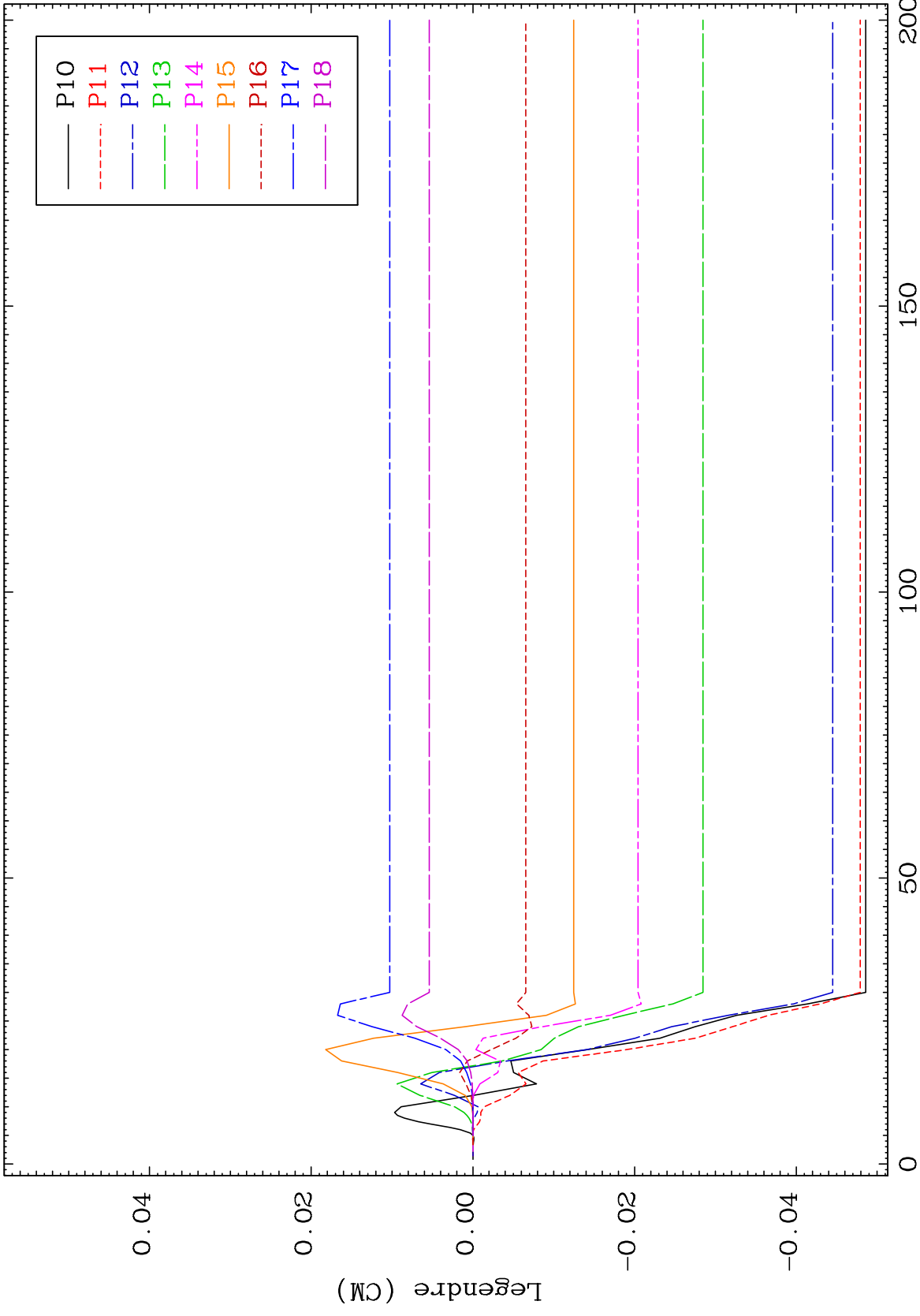
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



25

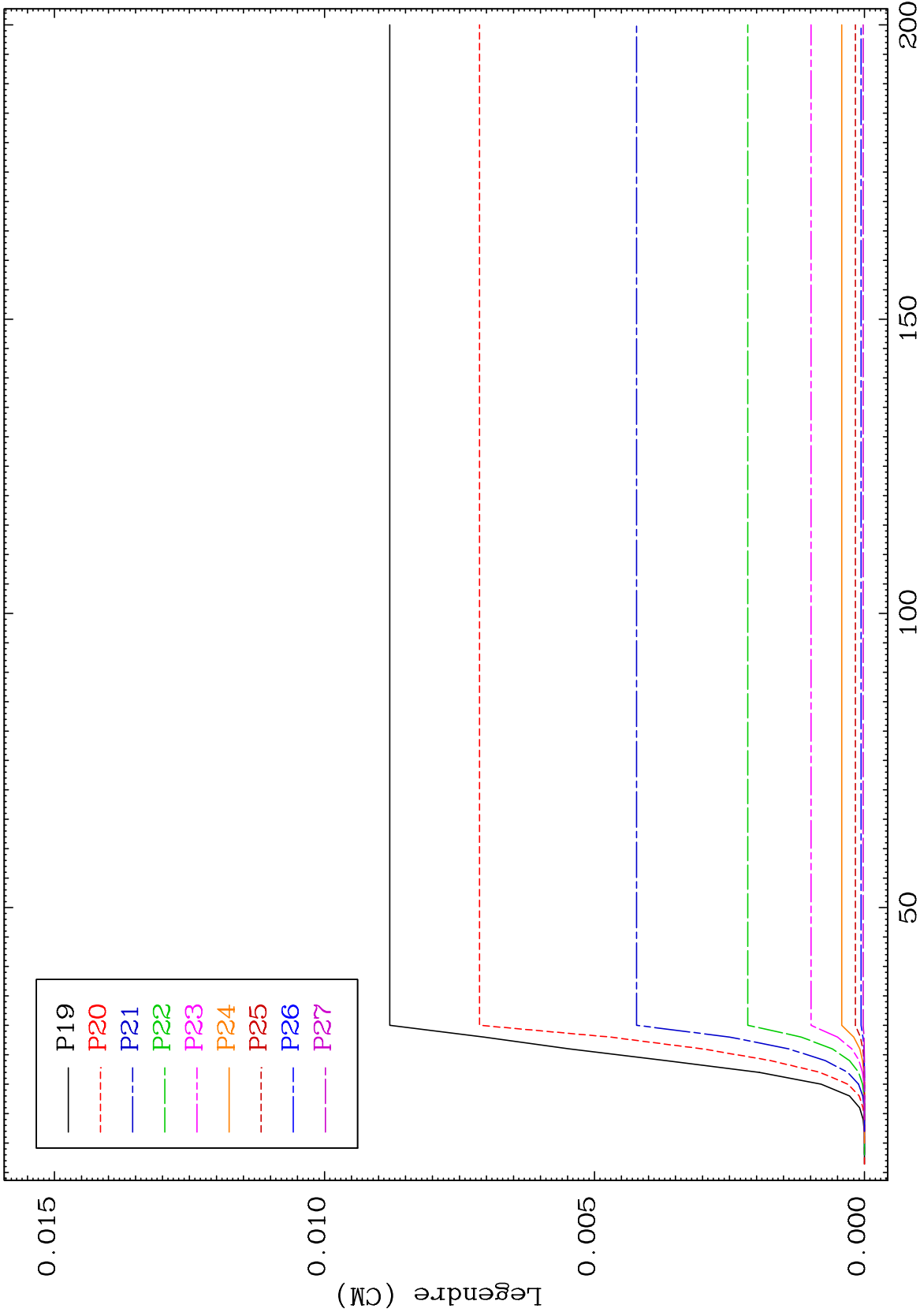
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



26

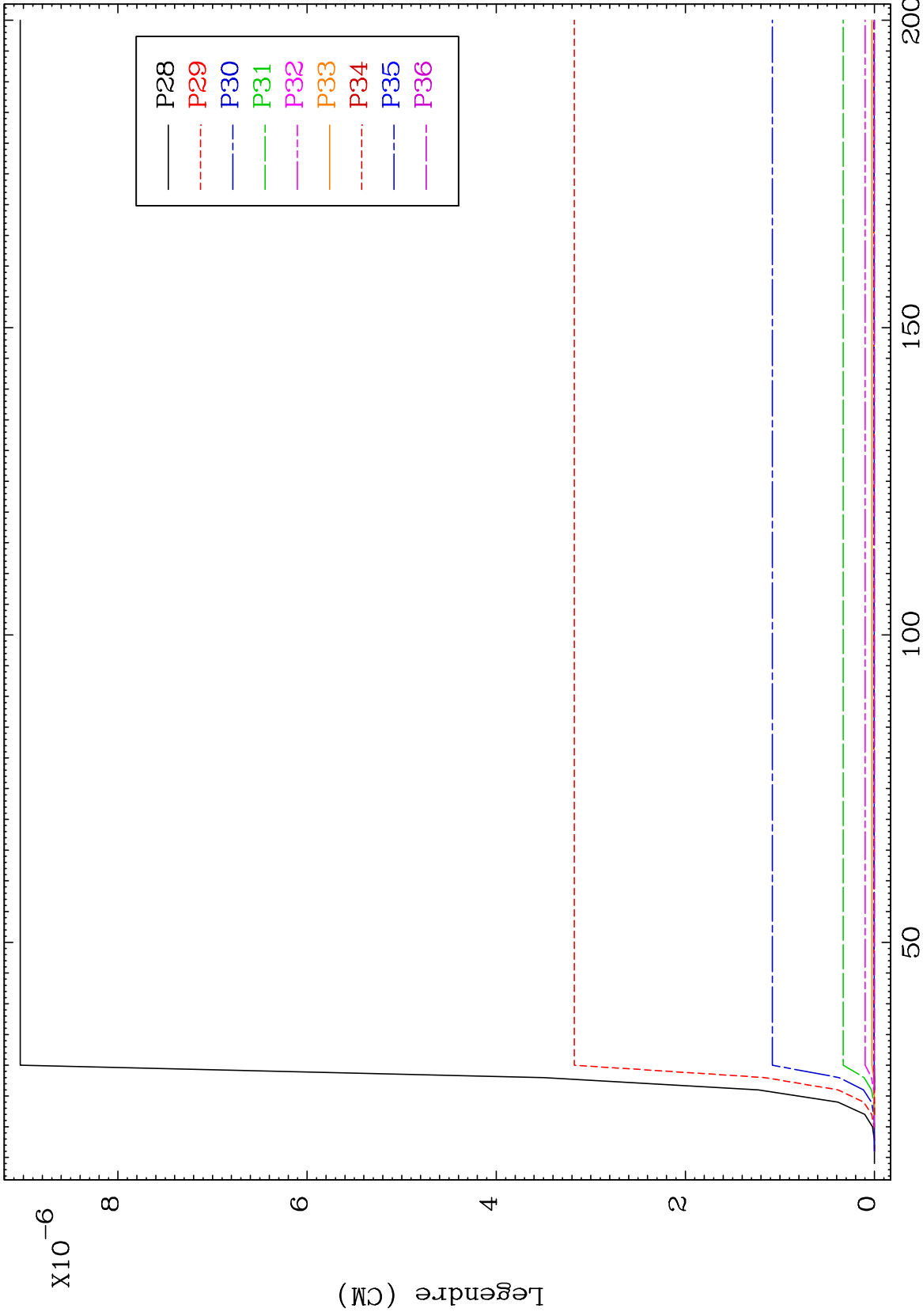
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145

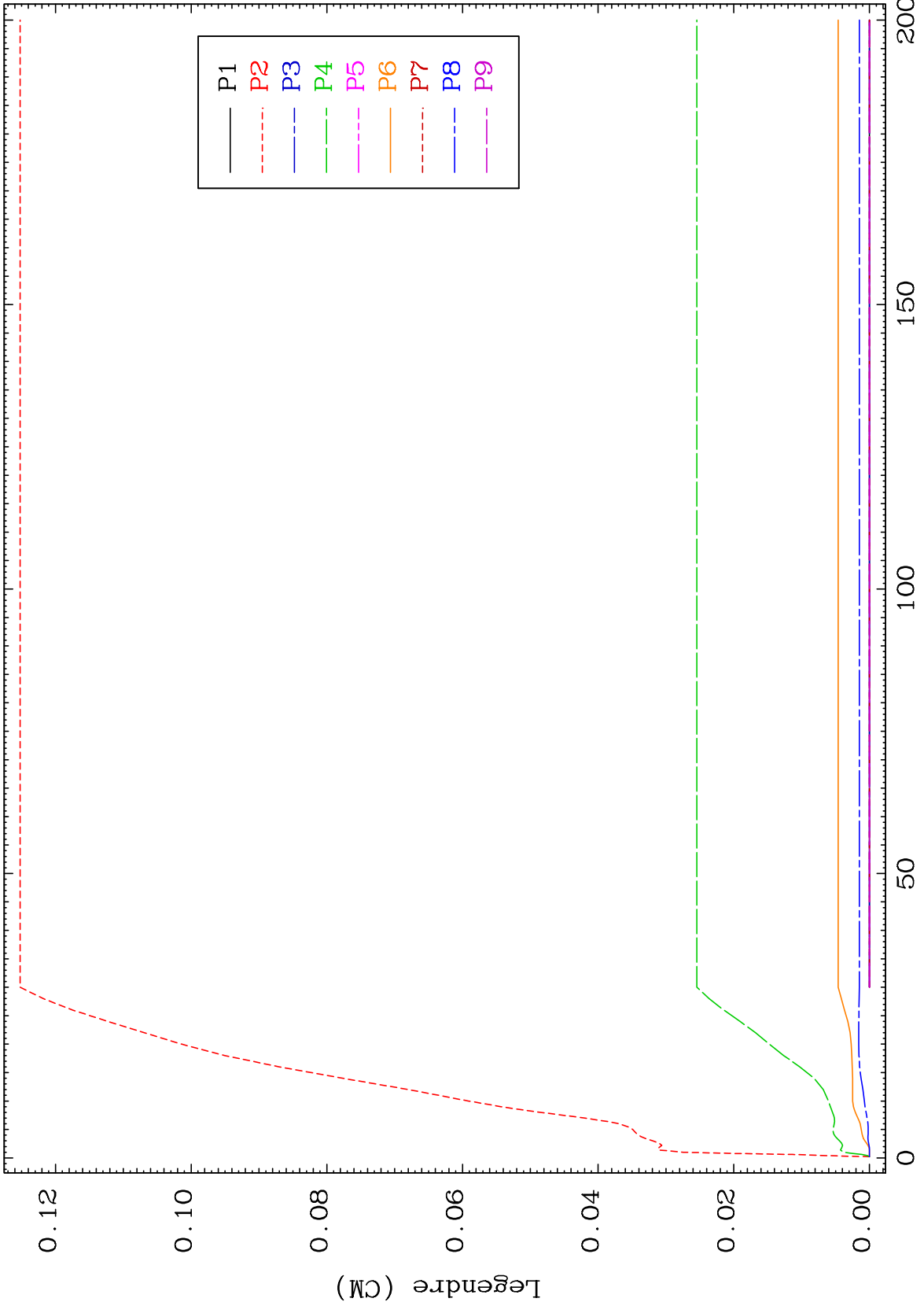


27

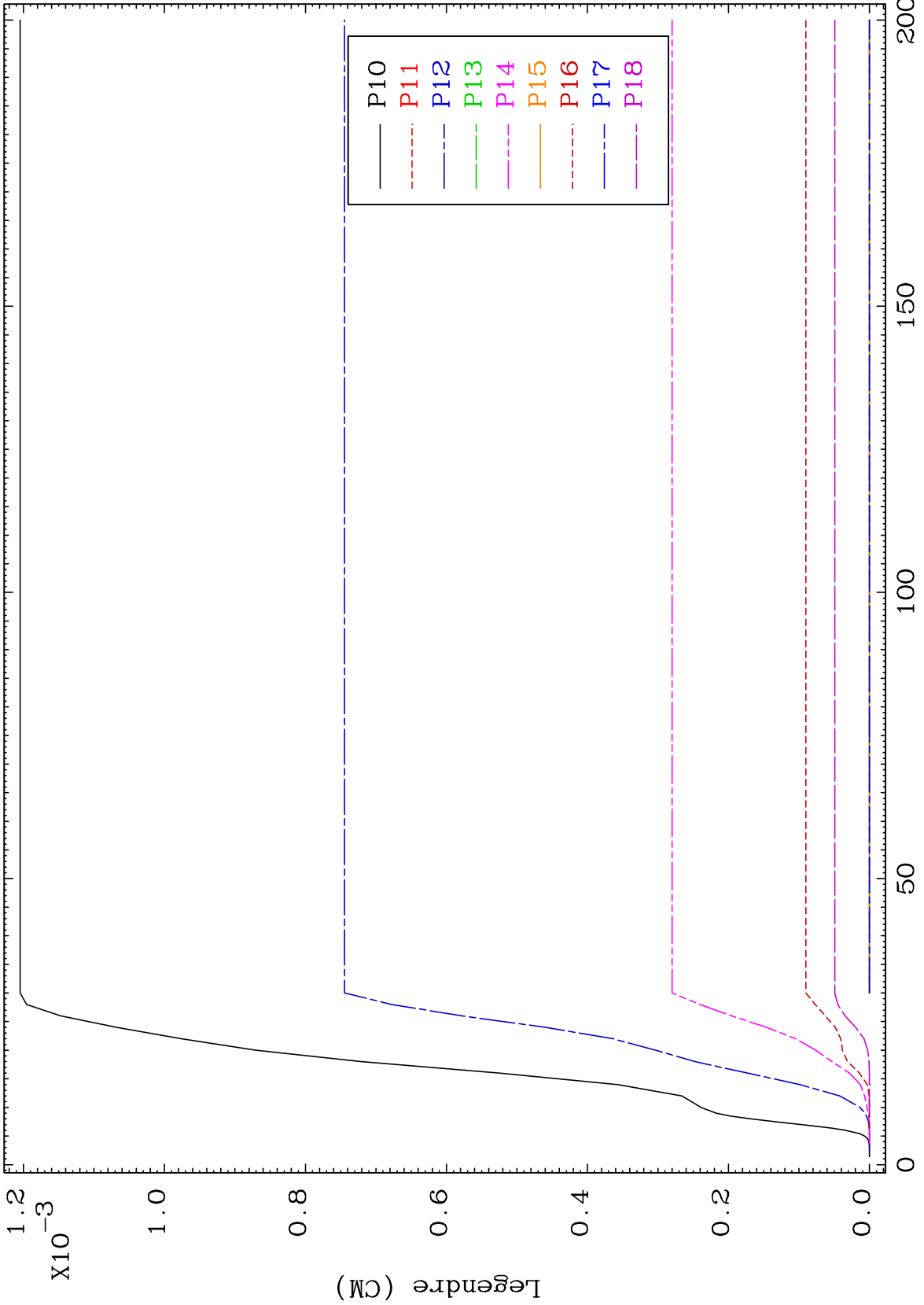
Incident Energy (MeV)

56-Ba-145

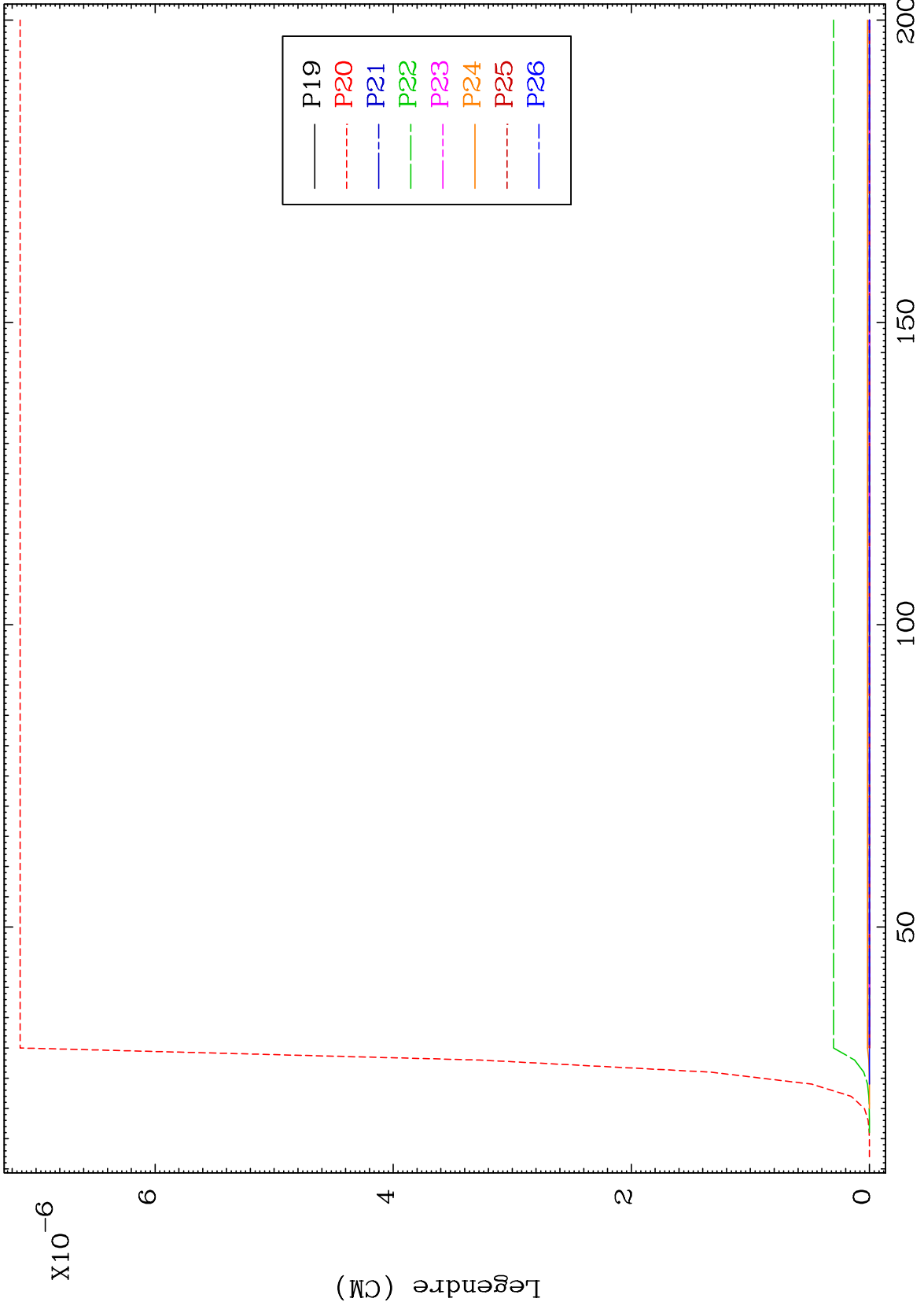
MAT 5670 MT= 53 (n,n') Level Legendre Coefficients 56-Ba-145



28 56-Ba-145



MAT 5670 MT= 53 (n,n') Level Legendre Coefficients 56-Ba-145

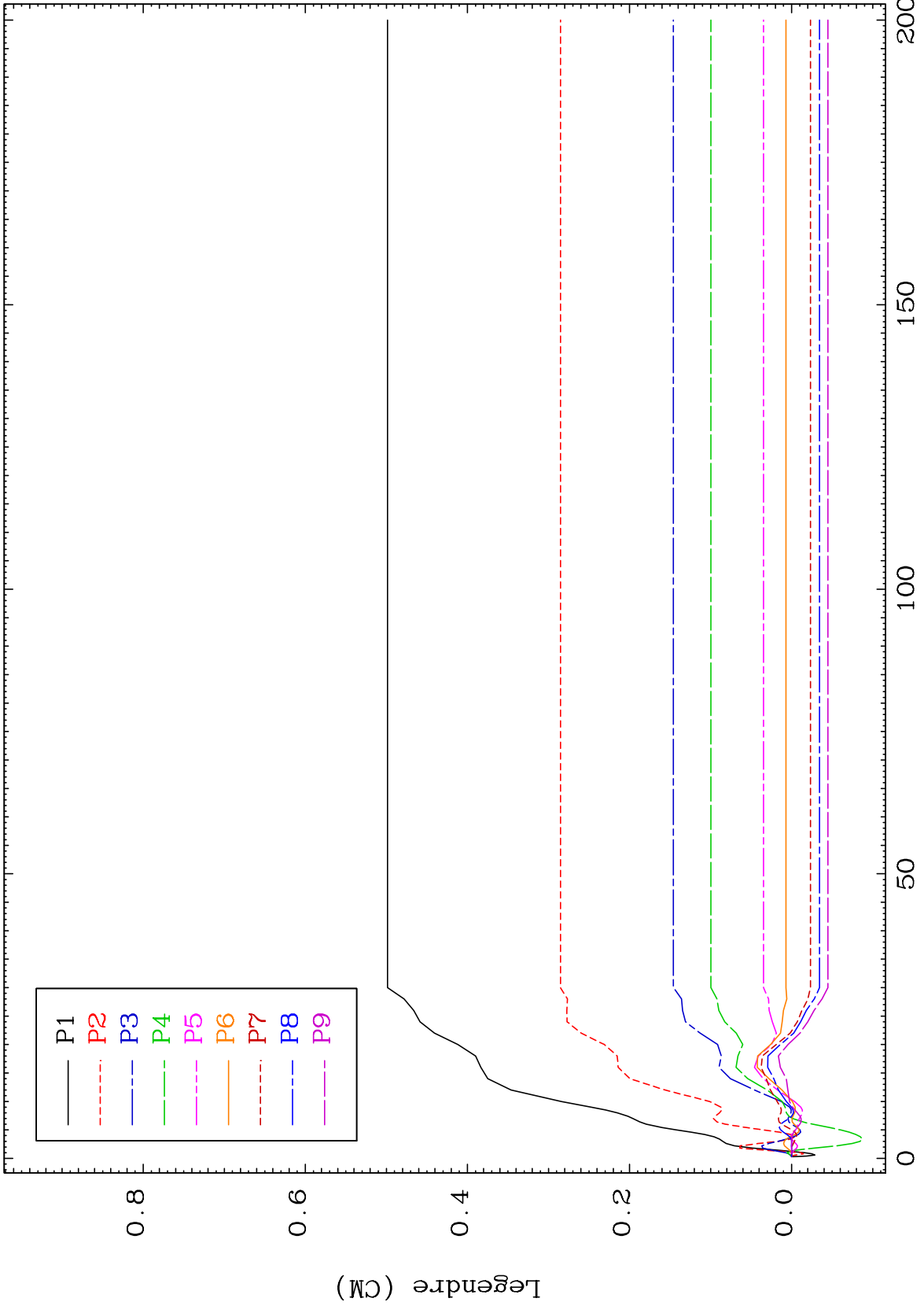


56-Ba-145

MAT 5670

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

56-Ba-145



31

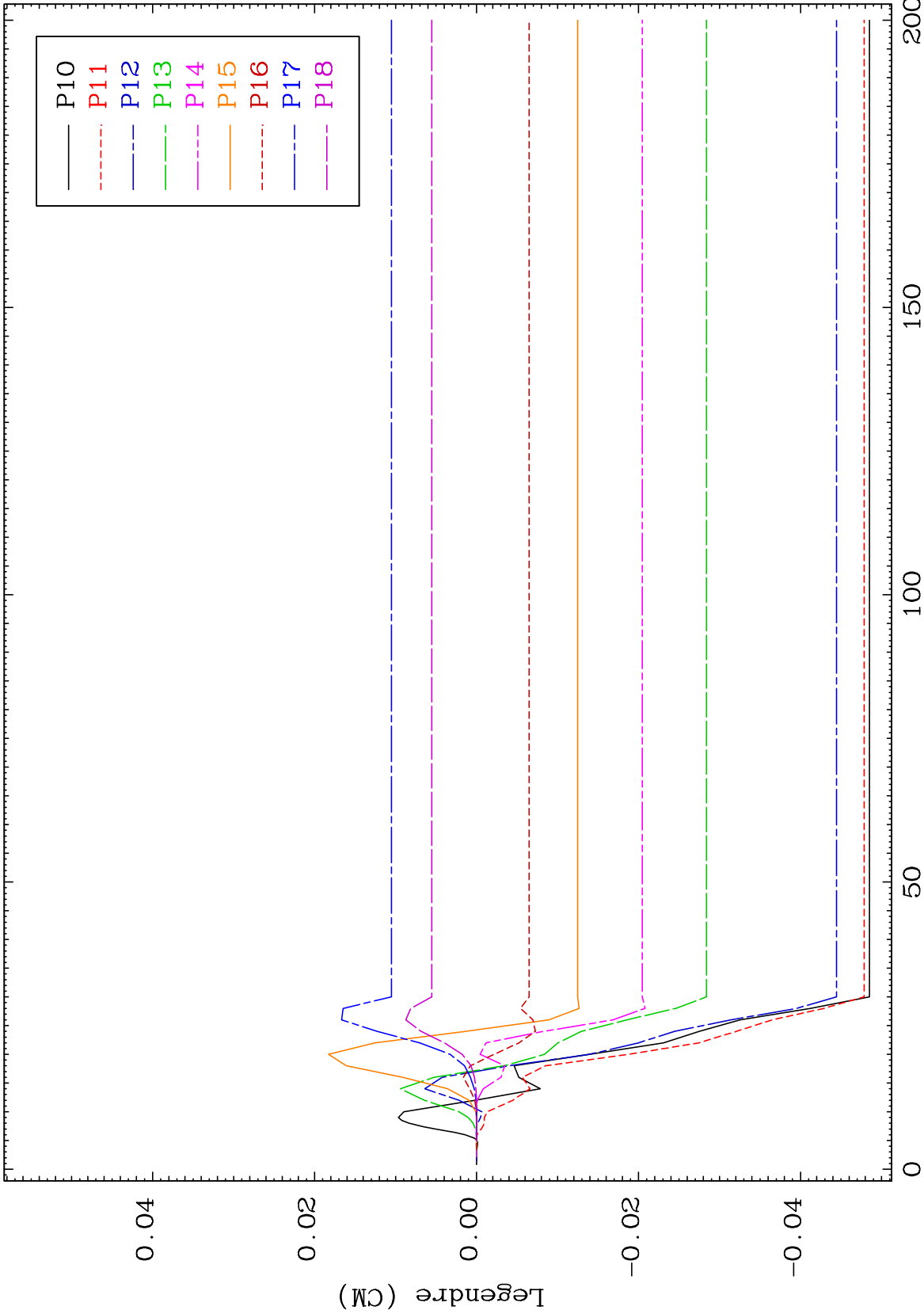
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



32

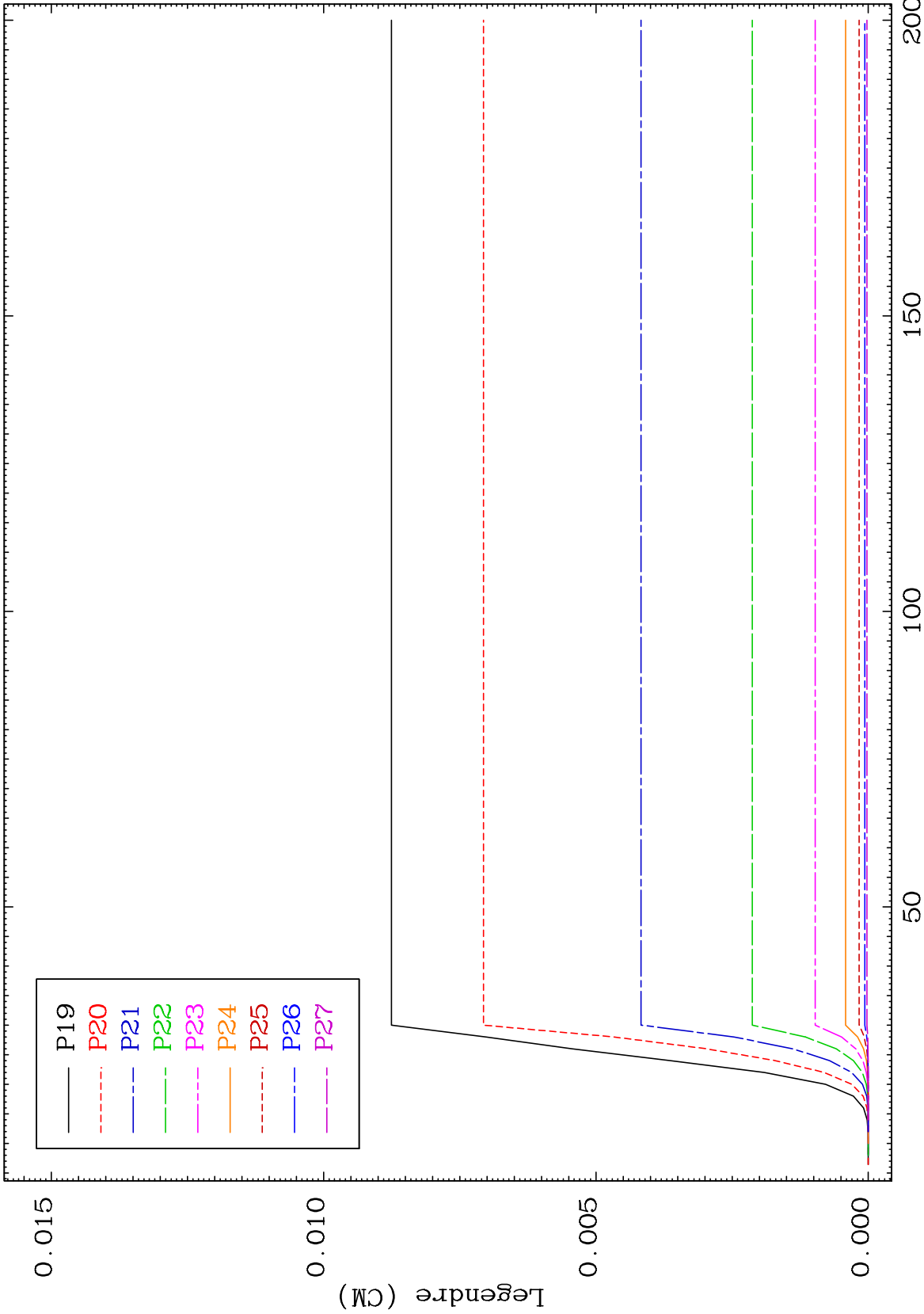
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

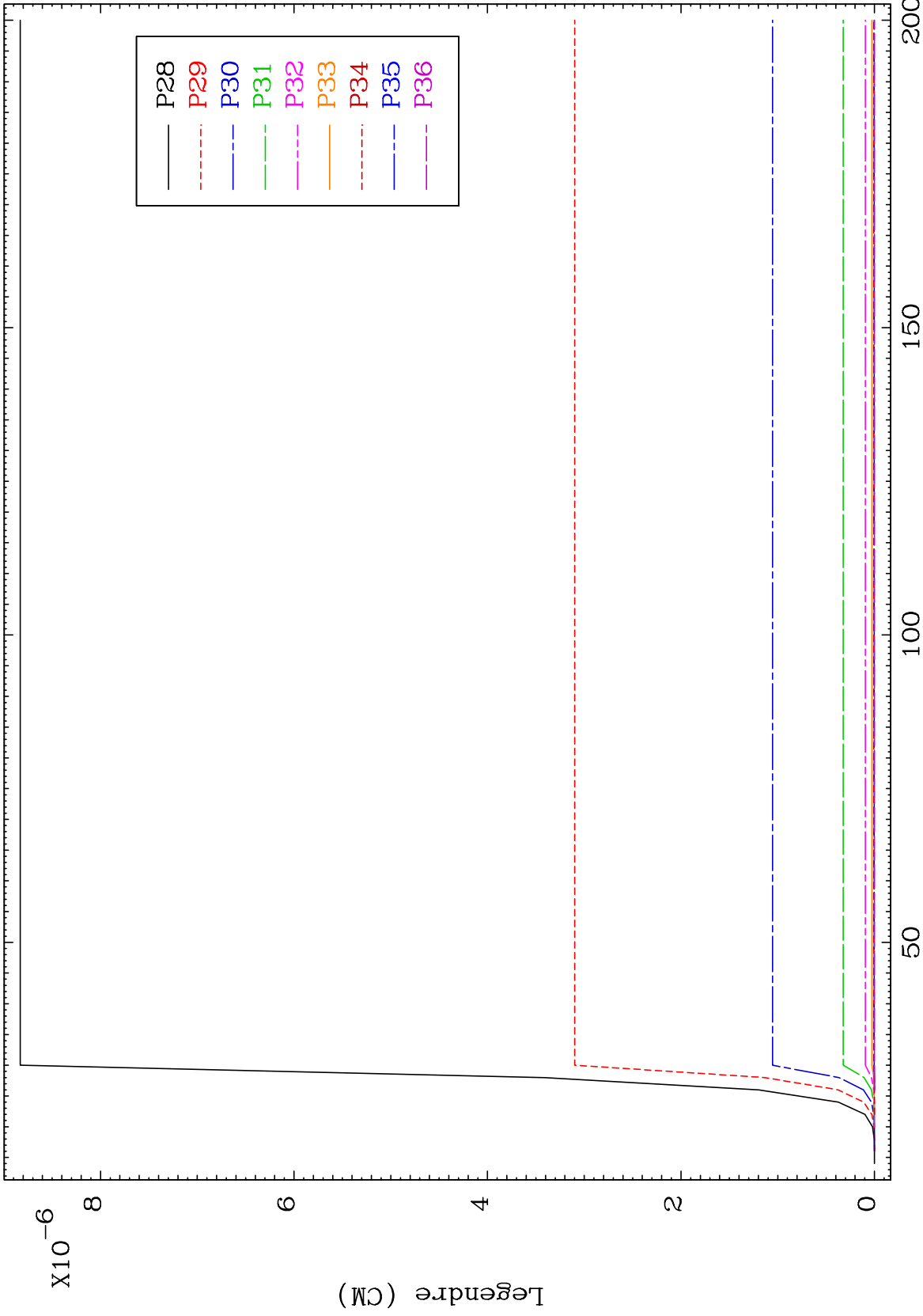
56-Ba-145



MAT 5670

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

56-Ba-145



34

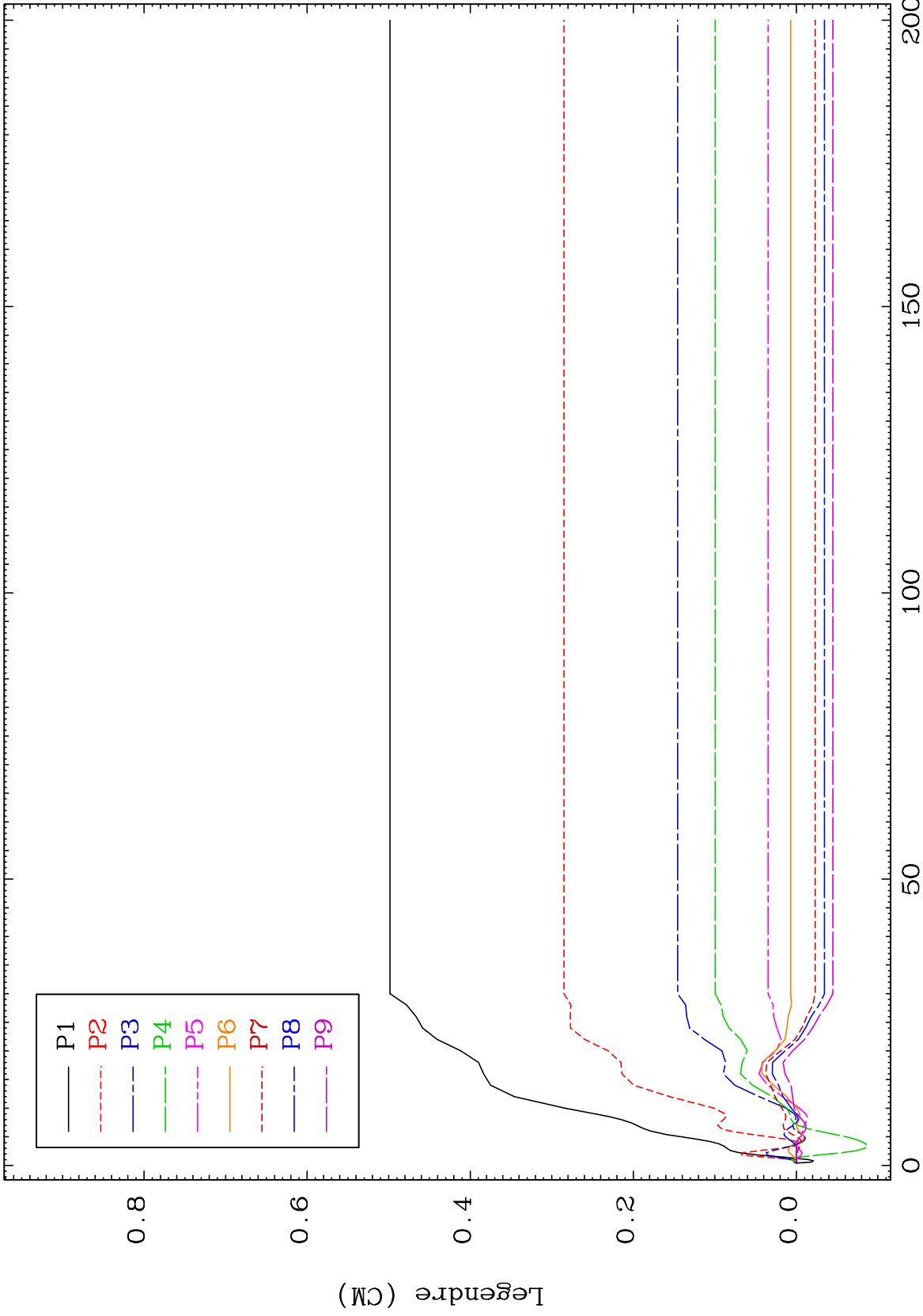
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



56-Ba-145

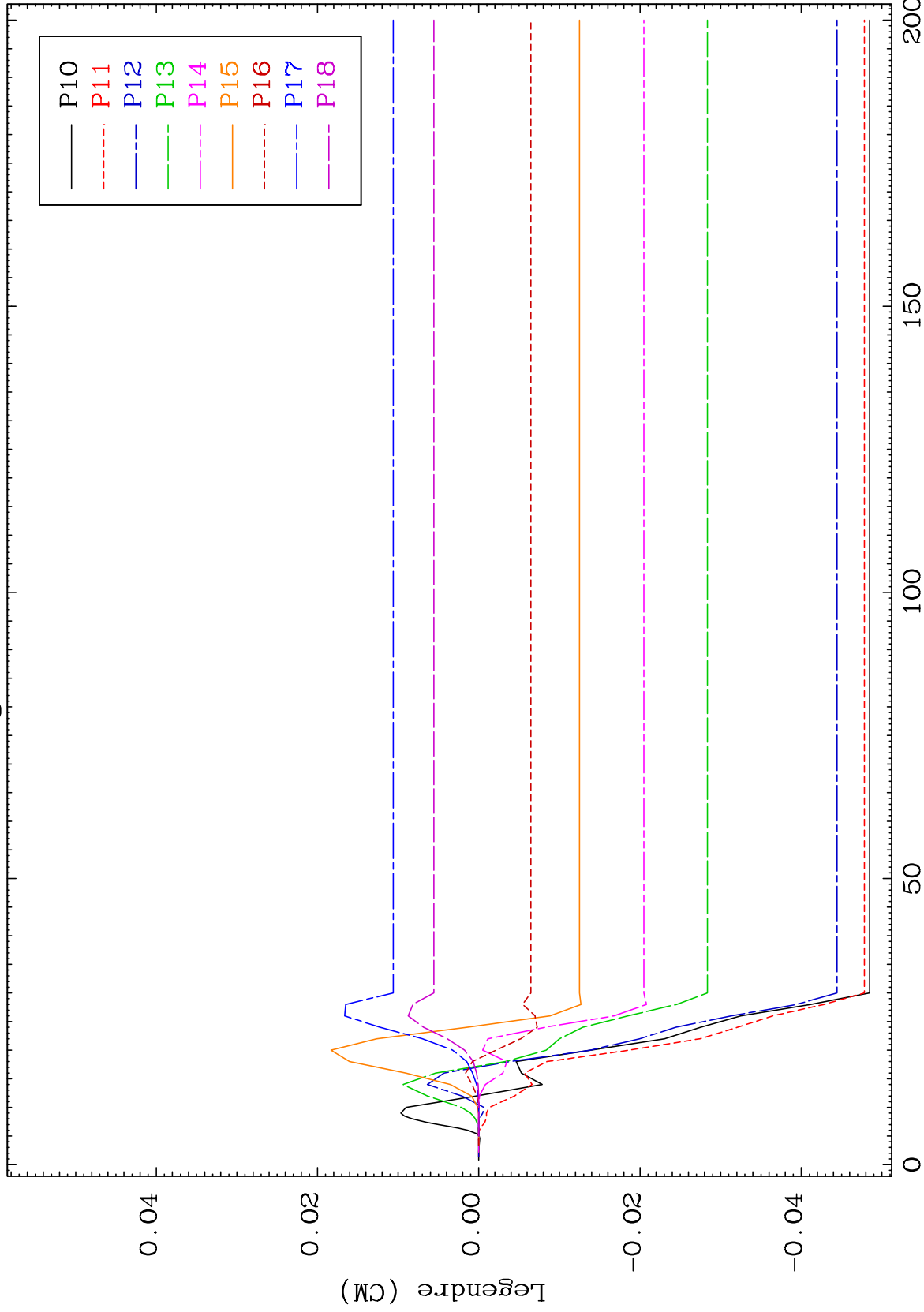
Incident Energy (MeV)

35

MAT 5670

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

56-Ba-145



36

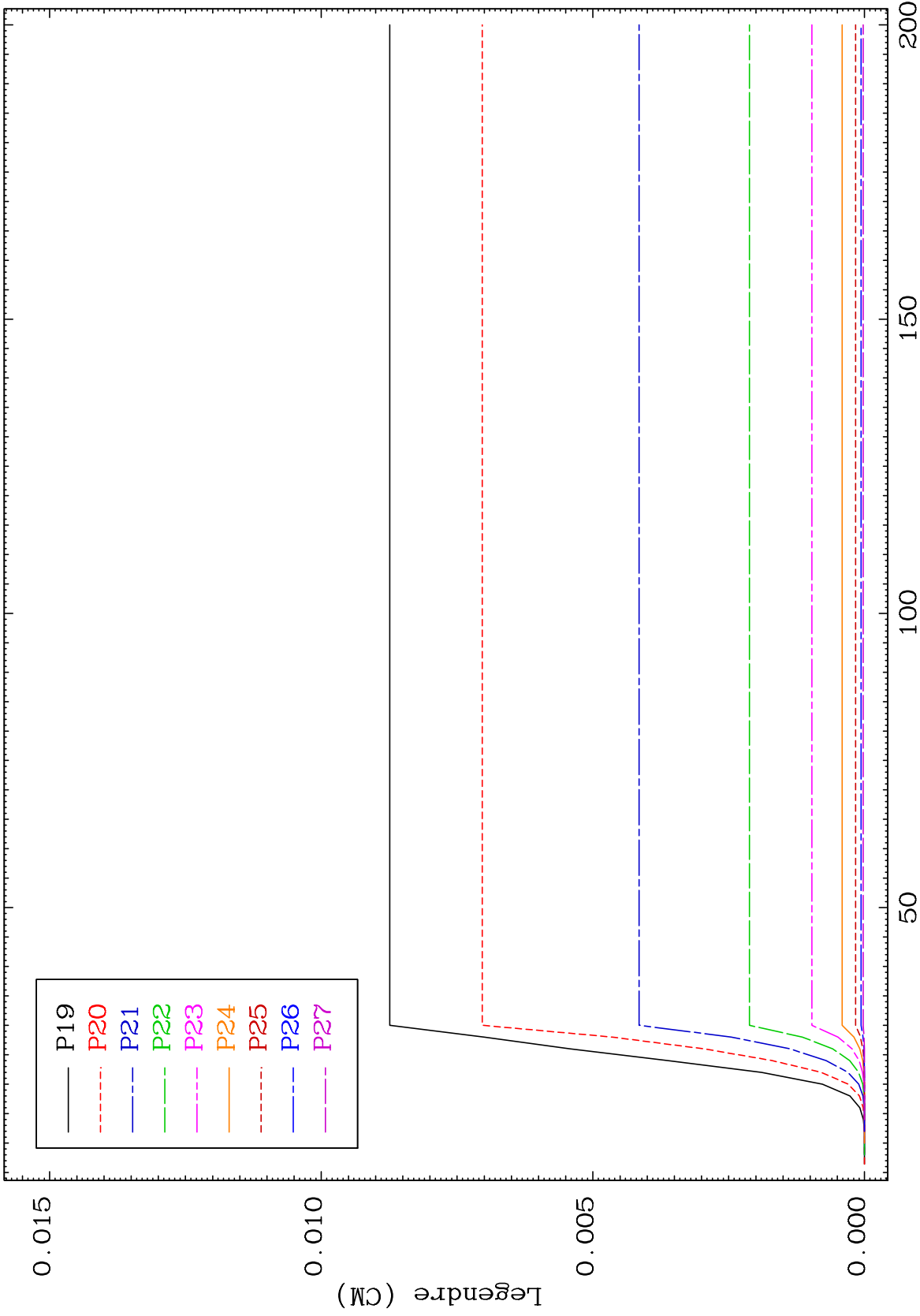
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



37

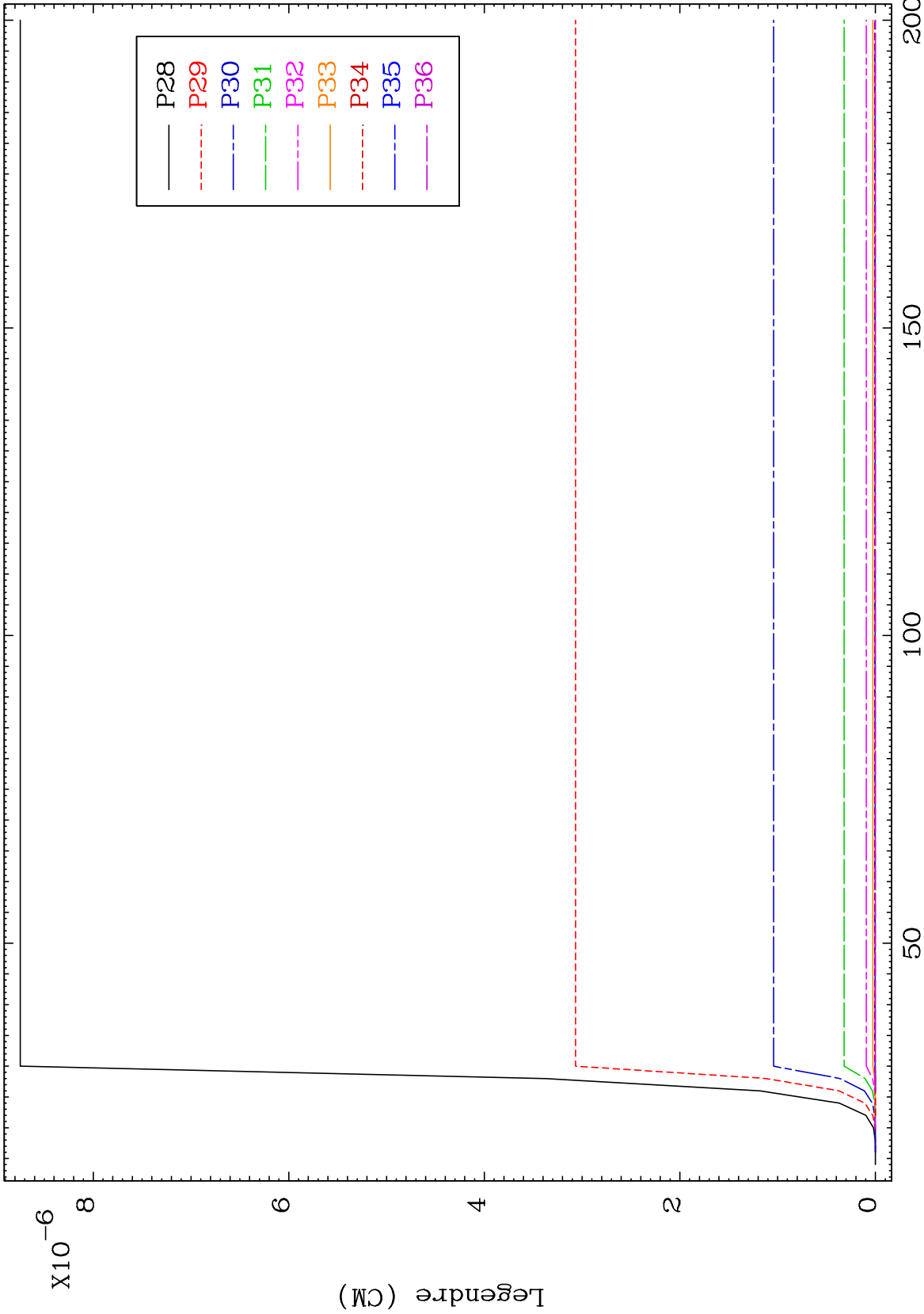
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



38

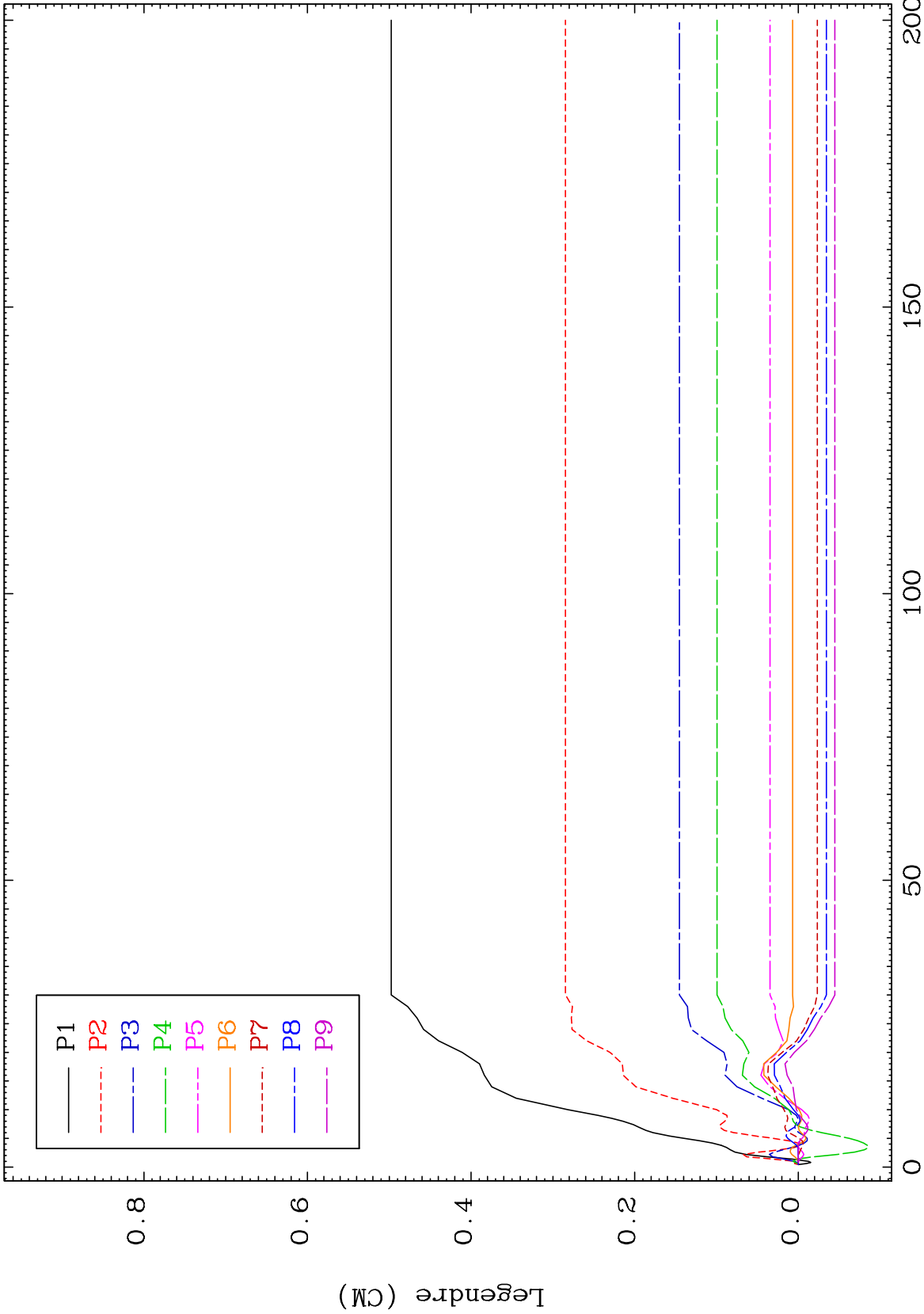
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



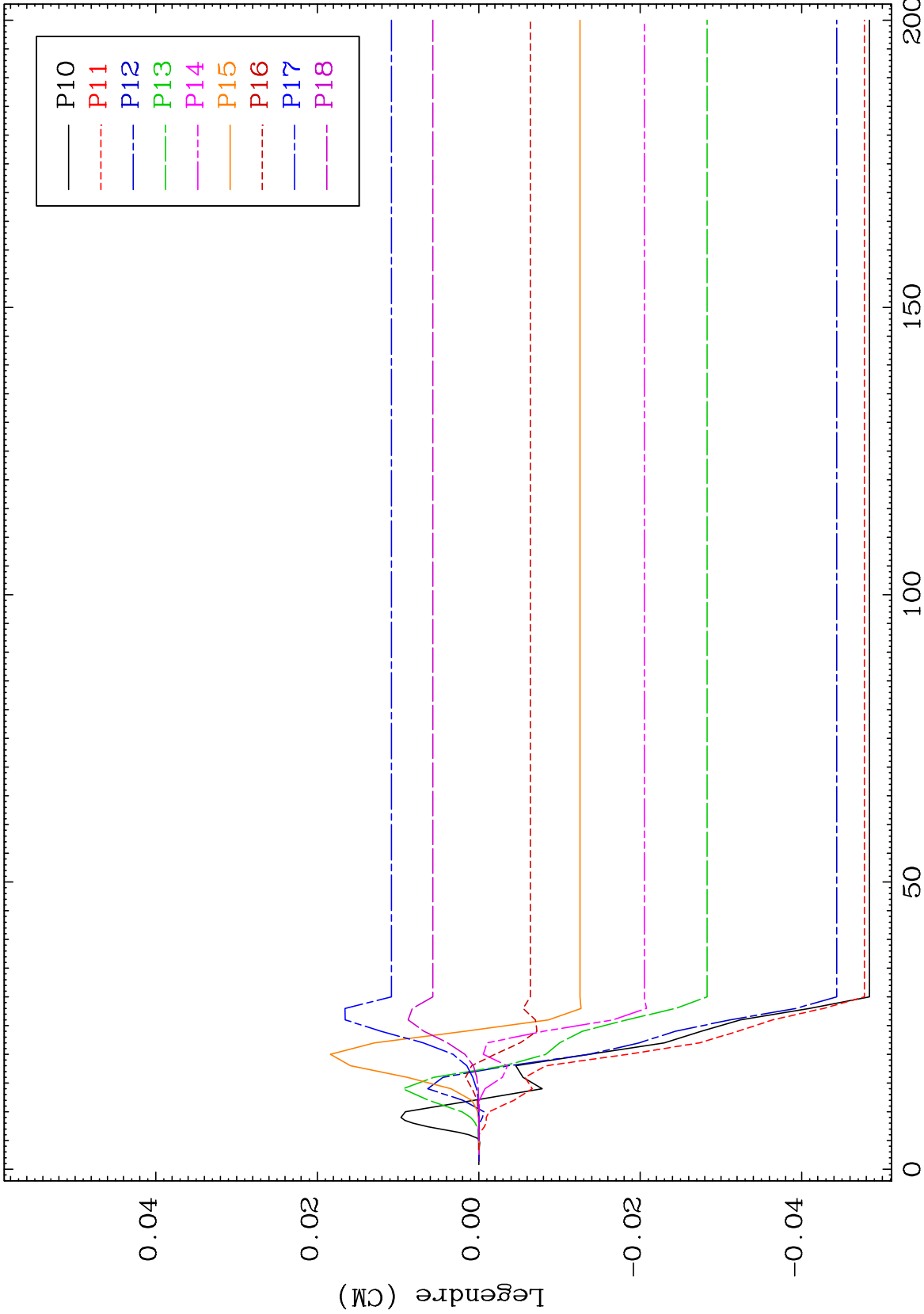
39

56-Ba-145

MAT 5670

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

56-Ba-145



40

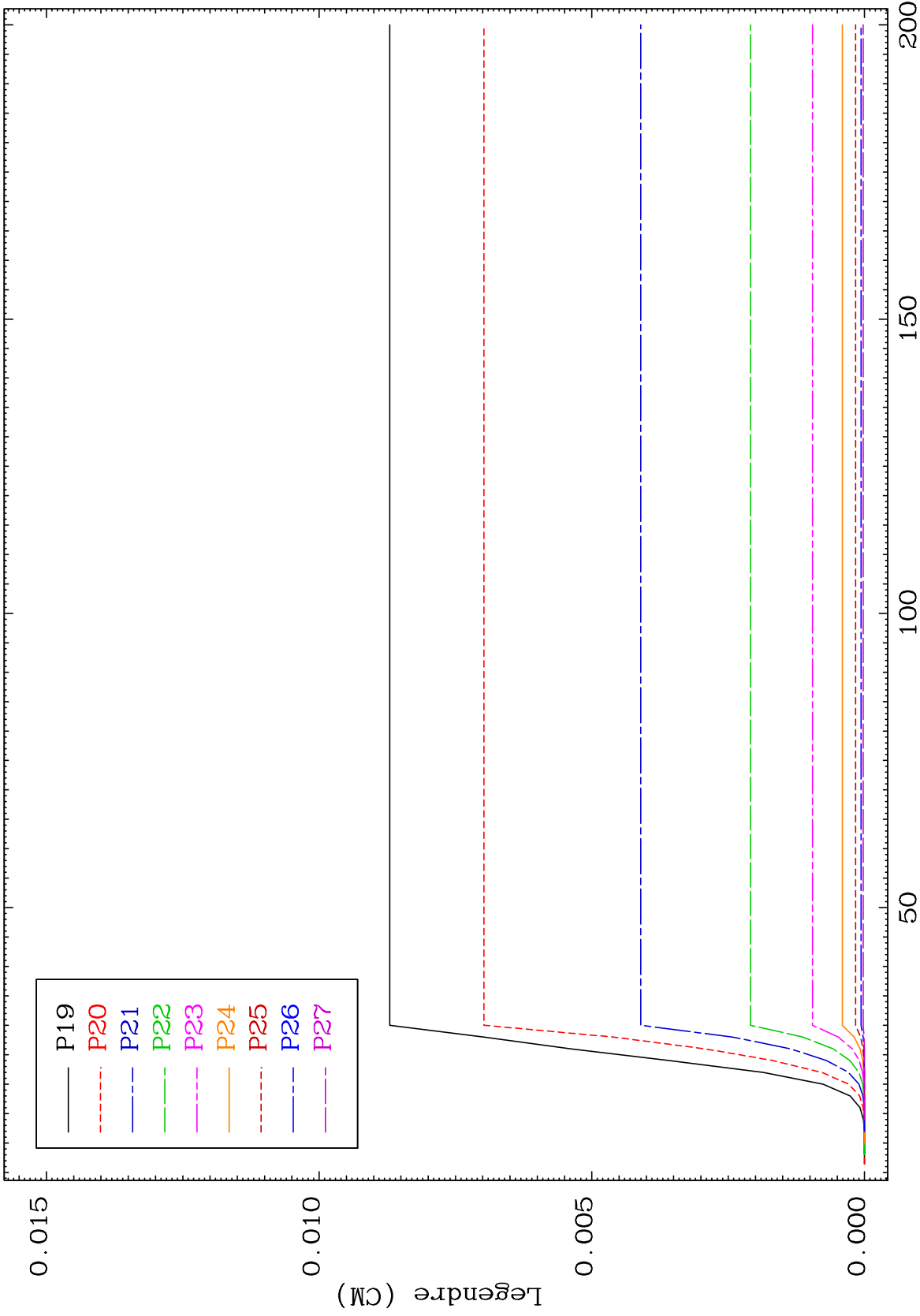
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

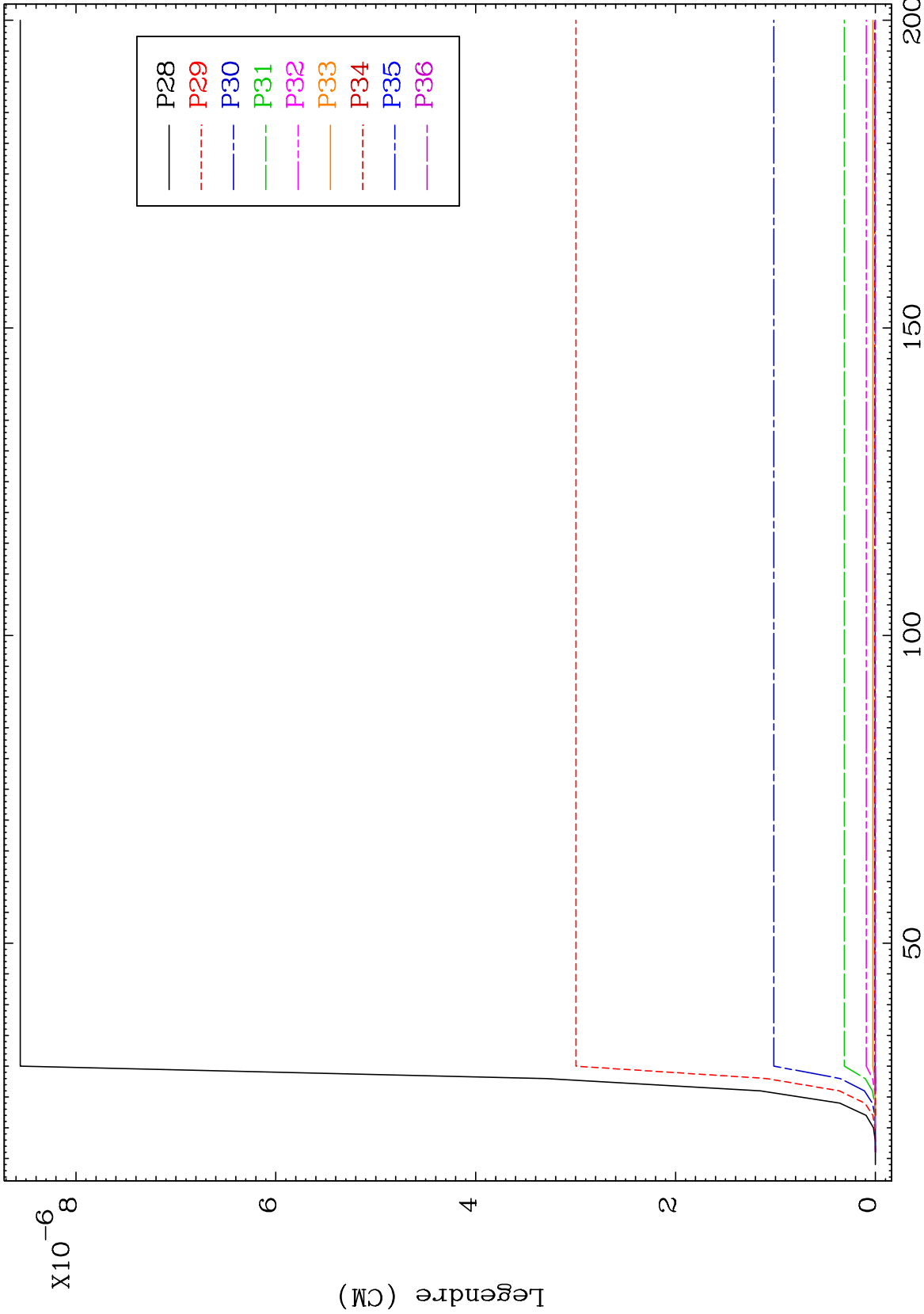
56-Ba-145



MAT 5670

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

56-Ba-145

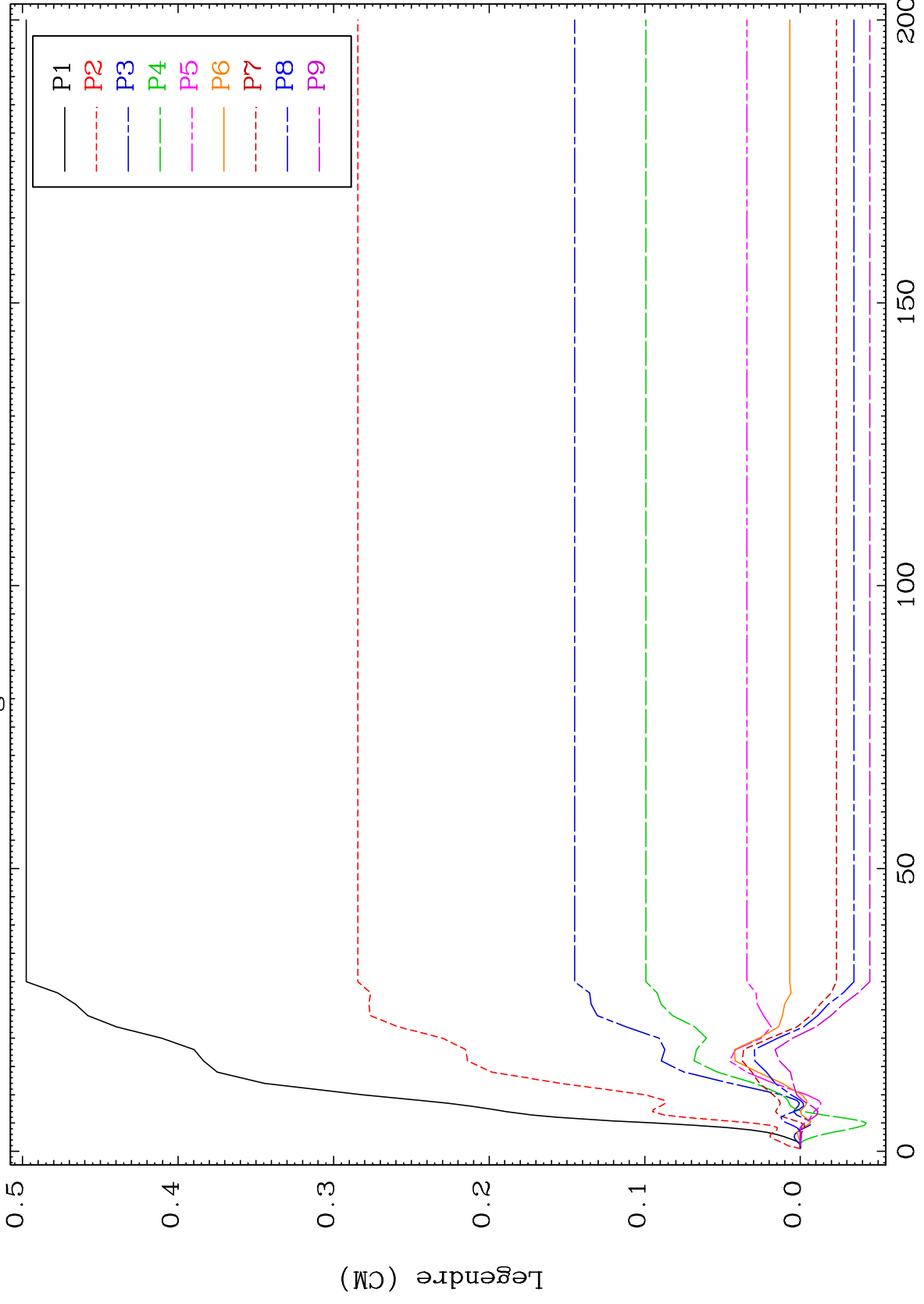


42

Incident Energy (MeV)

56-Ba-145

MAT 5670 MT= 57 (n,n') Level Legendre Coefficients 56-Ba-145

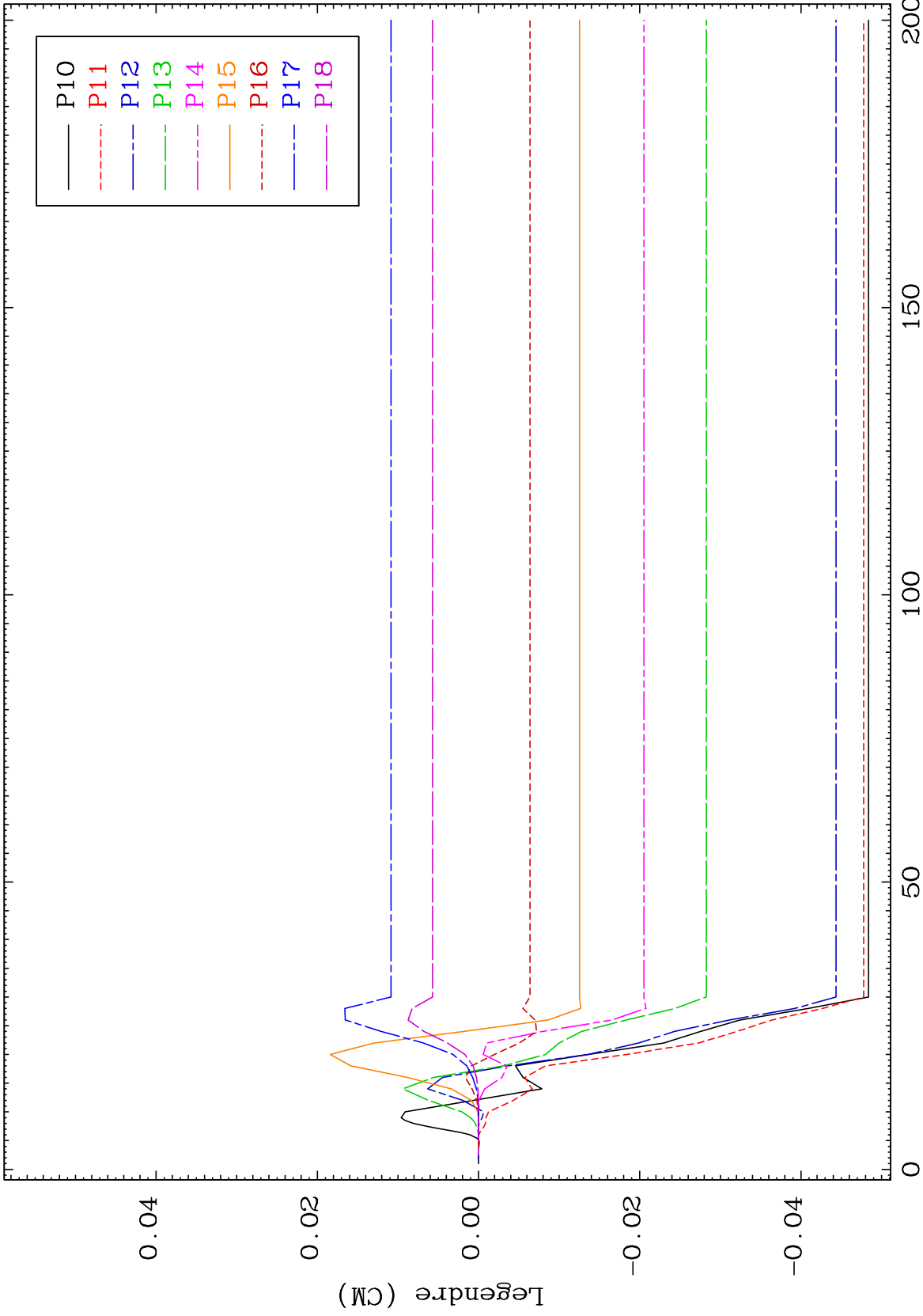


43 56-Ba-145

MAT 5670

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

56-Ba-145



44

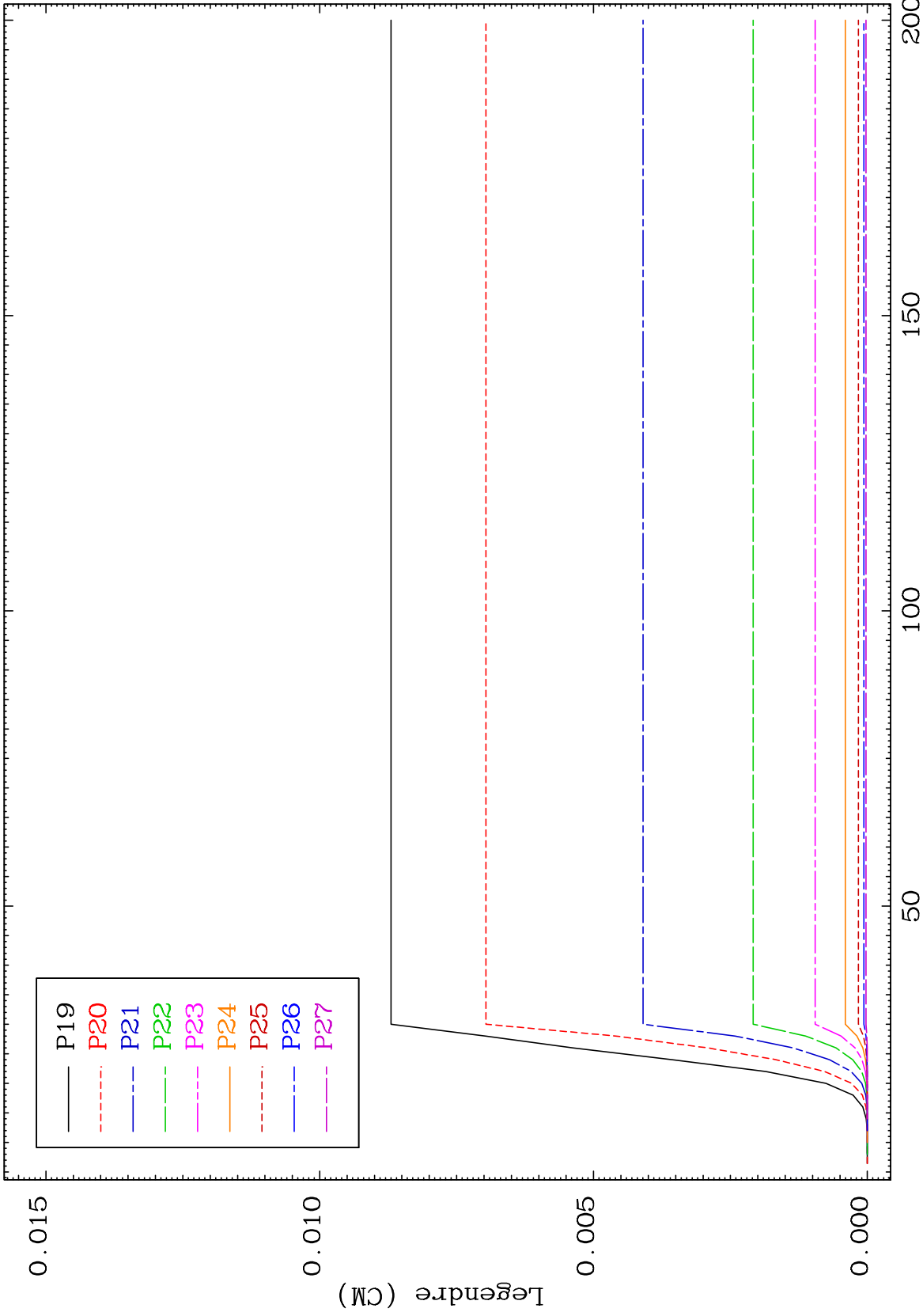
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



45

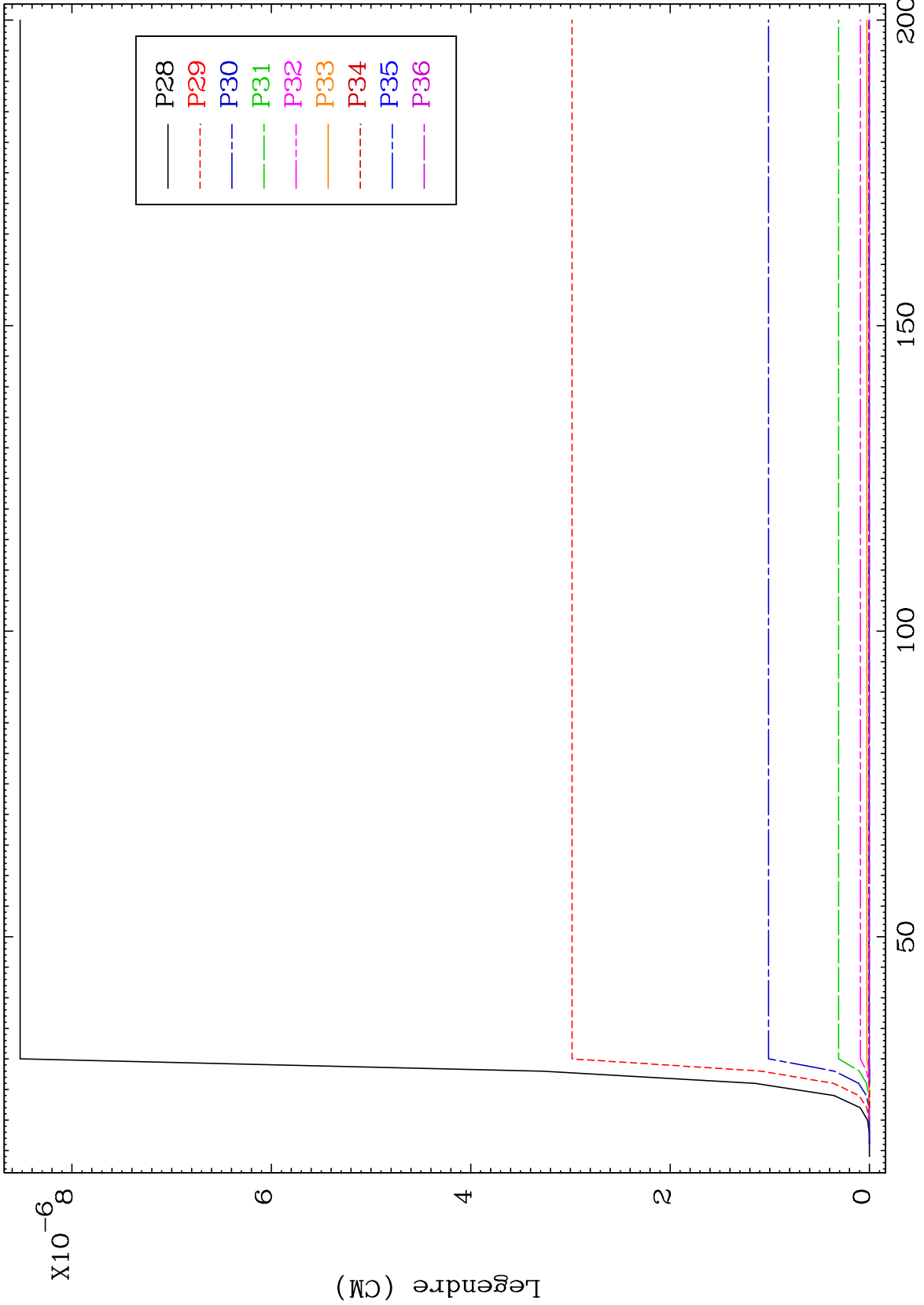
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



46

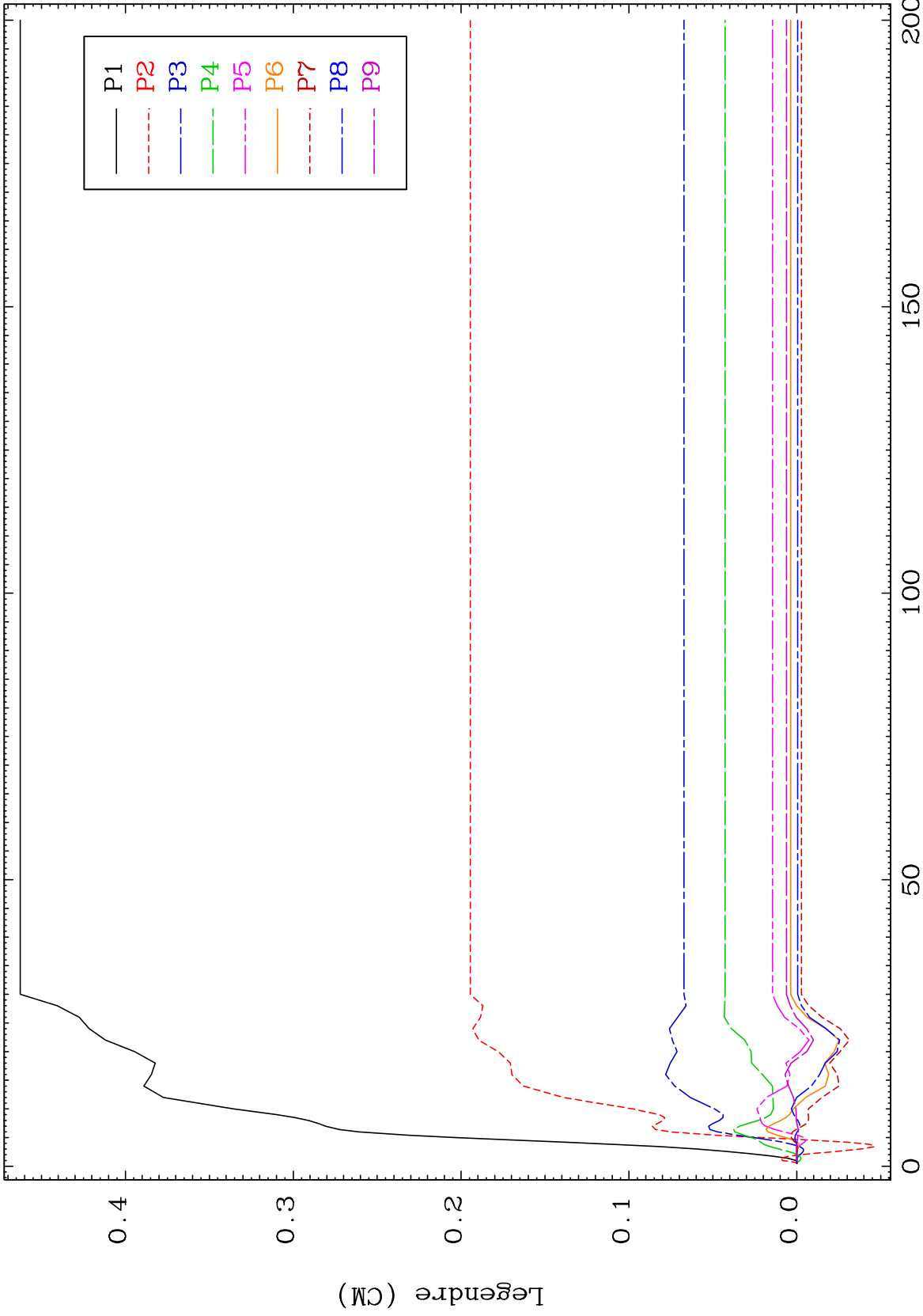
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145

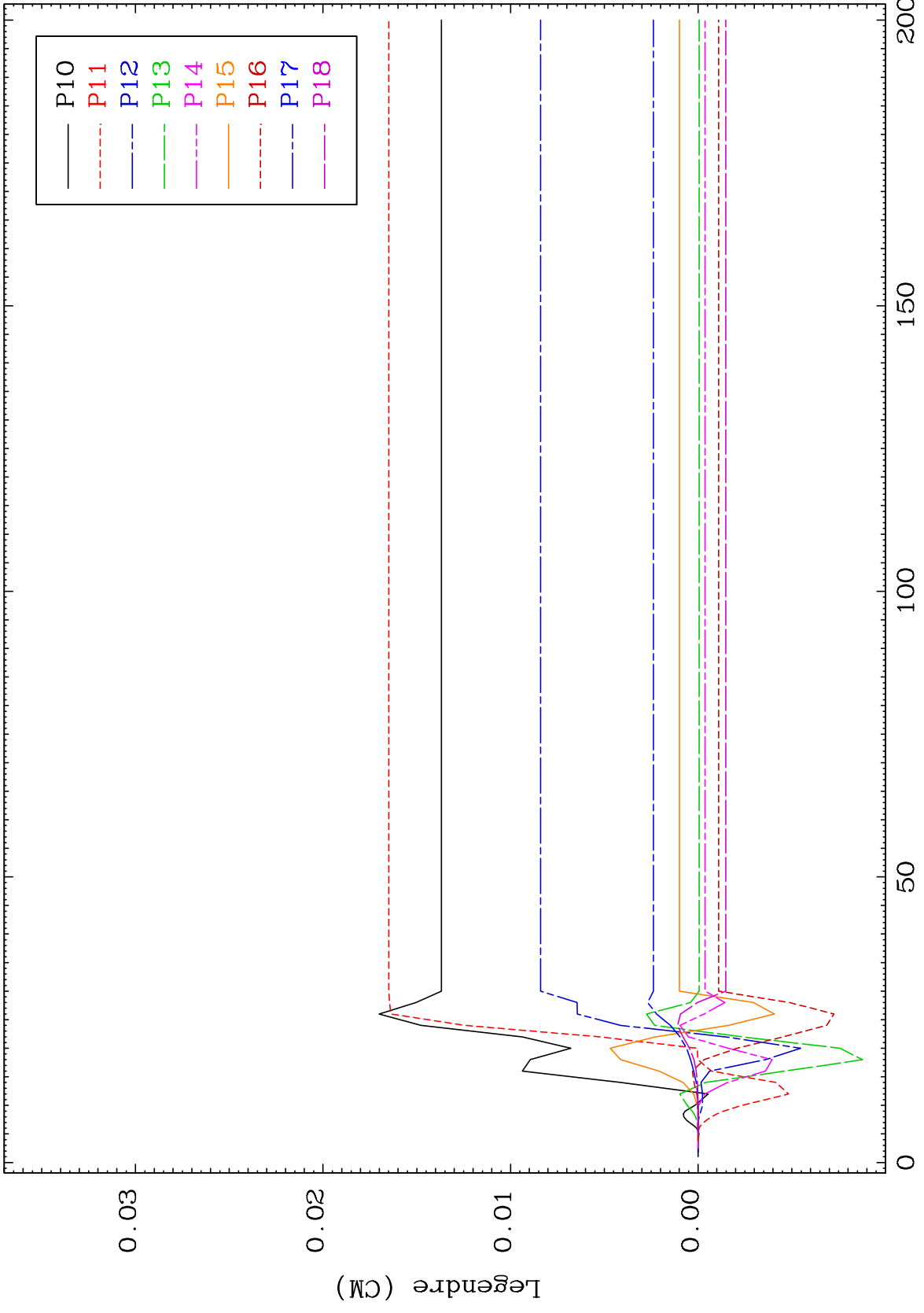


47

Incident Energy (MeV)

56-Ba-145

MAT 5670 MT= 58 (n,n') Level Legendre Coefficients 56-Ba-145

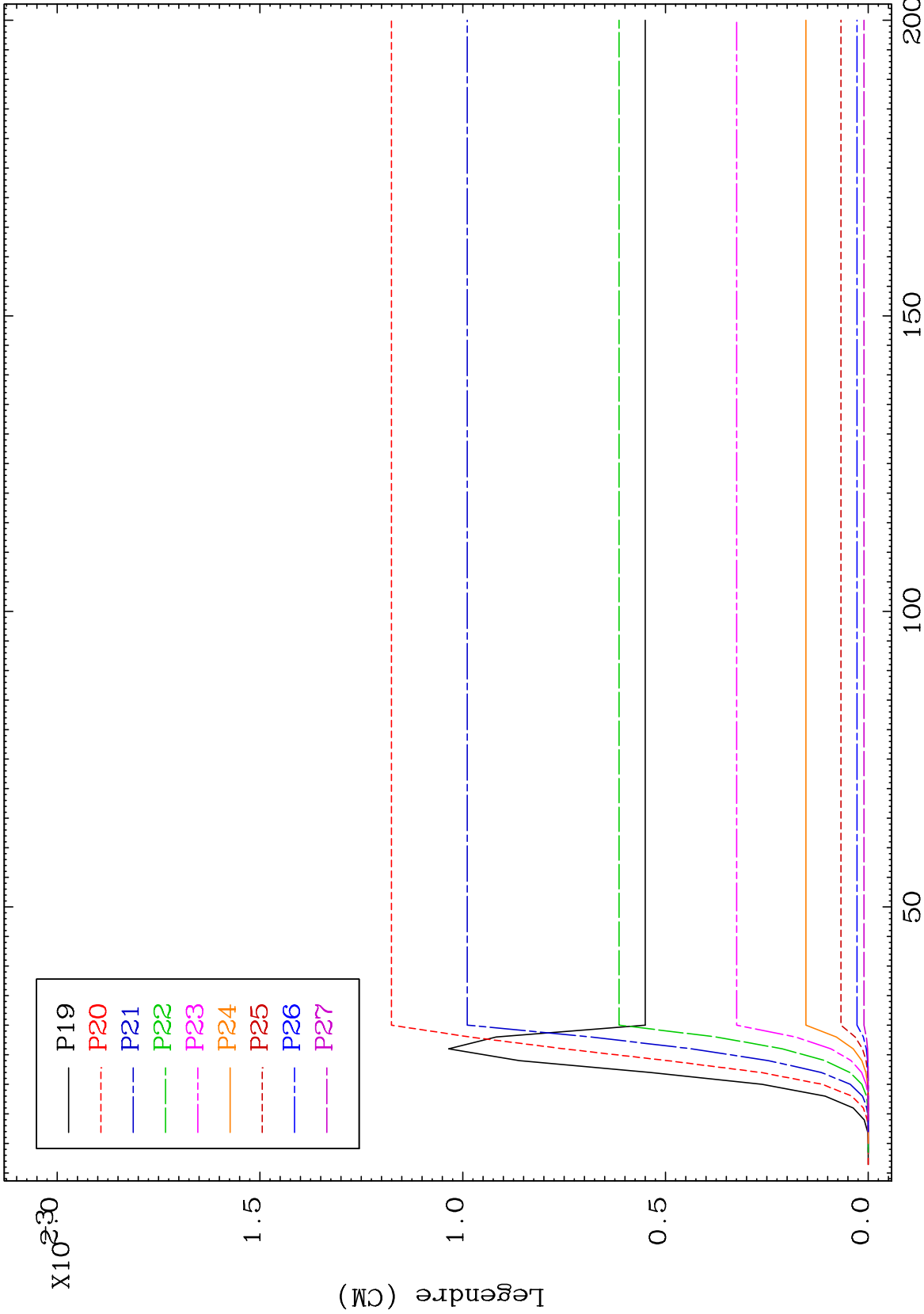


48 56-Ba-145

MAT 5670

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

56-Ba-145



49

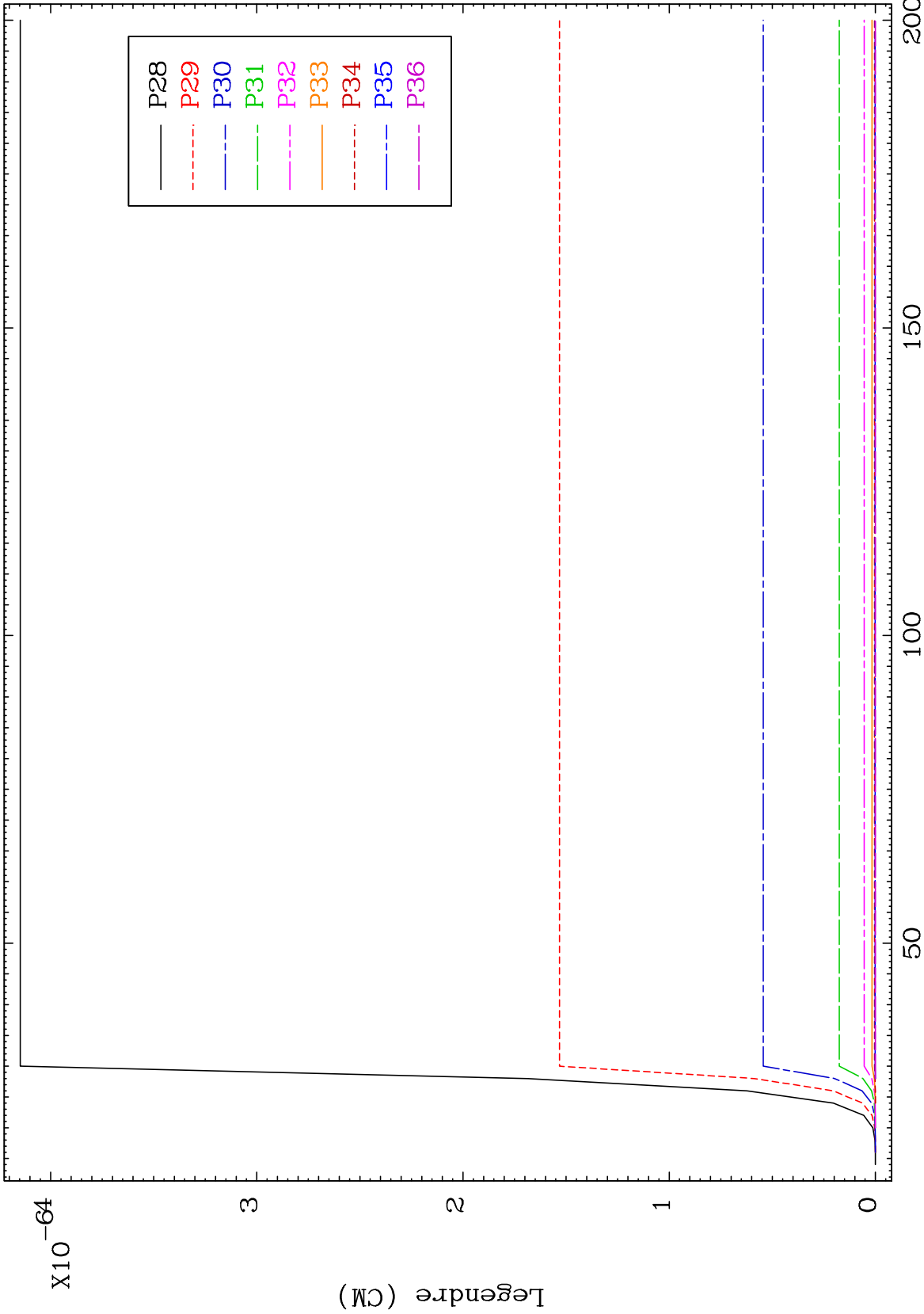
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



50

50

100

150

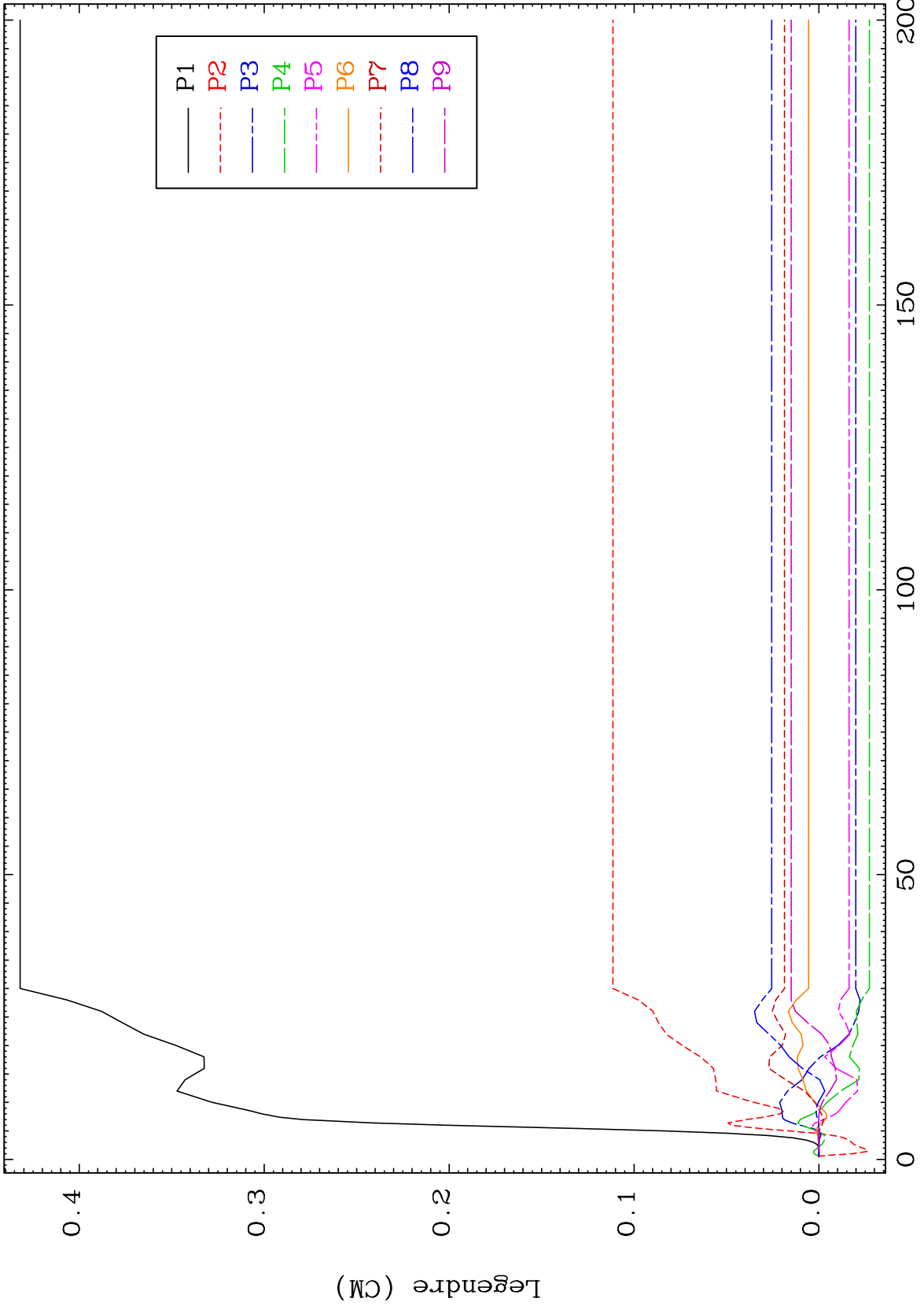
200

56-Ba-145

MAT 5670

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

56-Ba-145



51

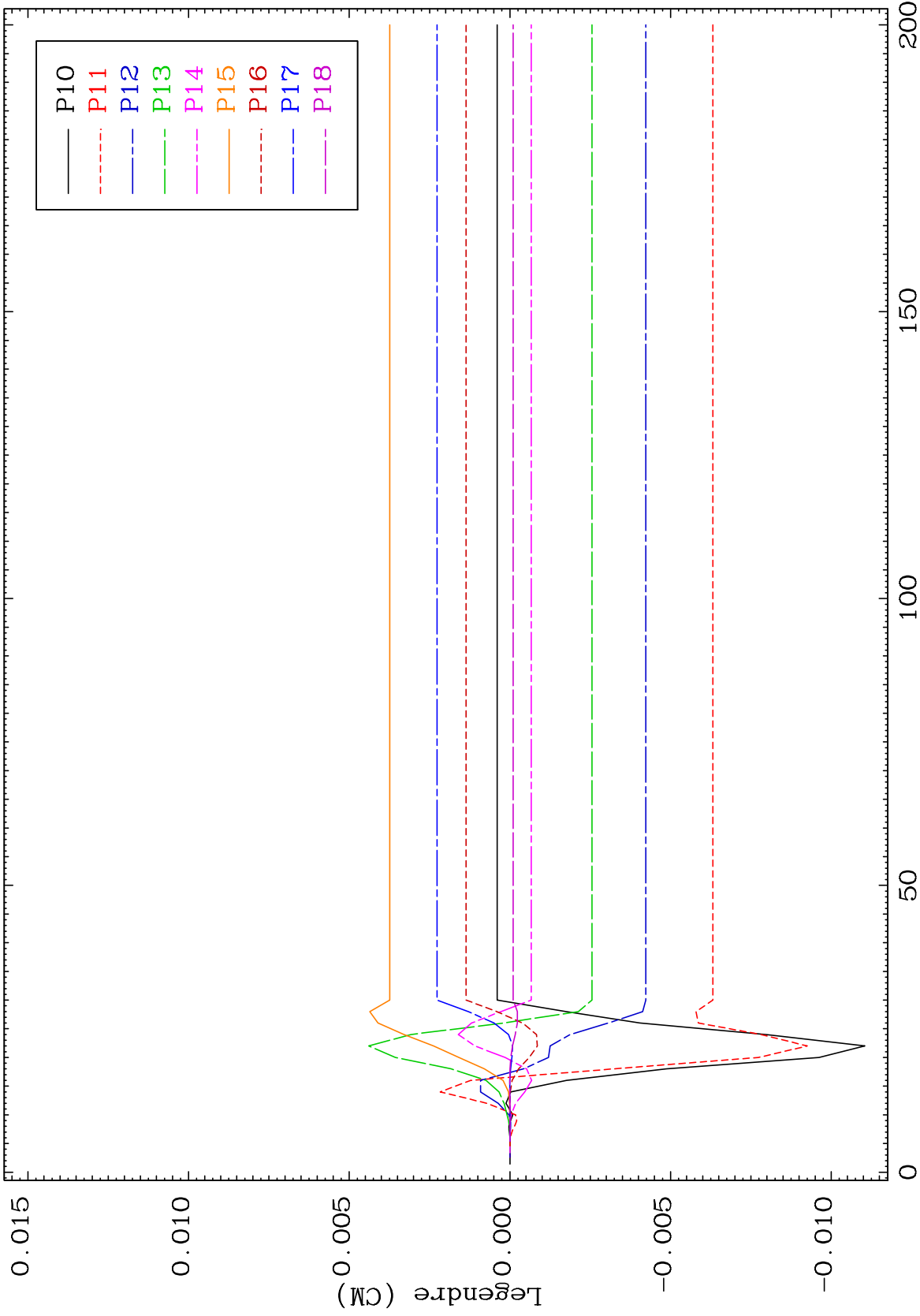
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145

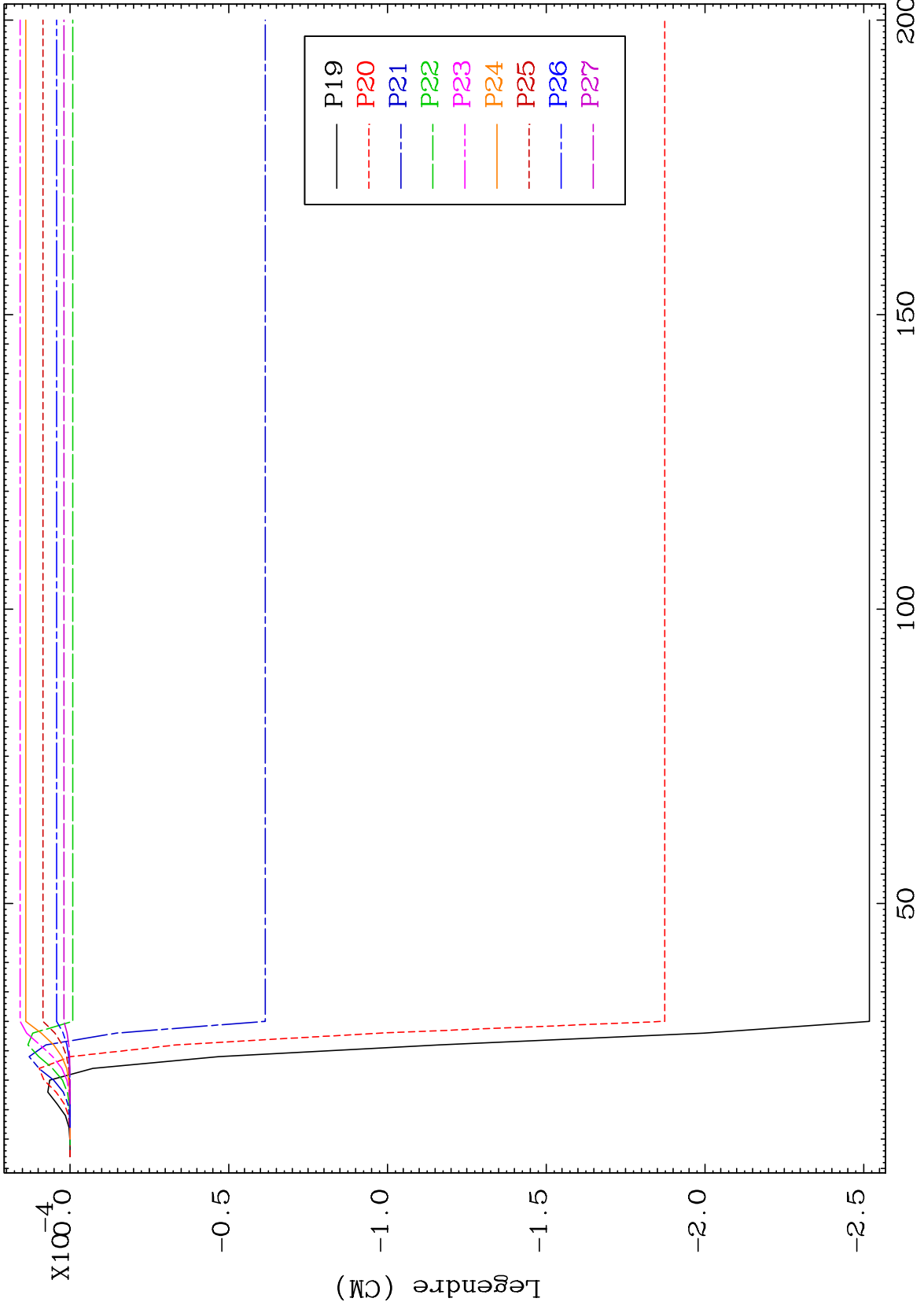


52

Incident Energy (MeV)

56-Ba-145

MAT 5670 MT= 59 (n,n') Level Legendre Coefficients 56-Ba-145

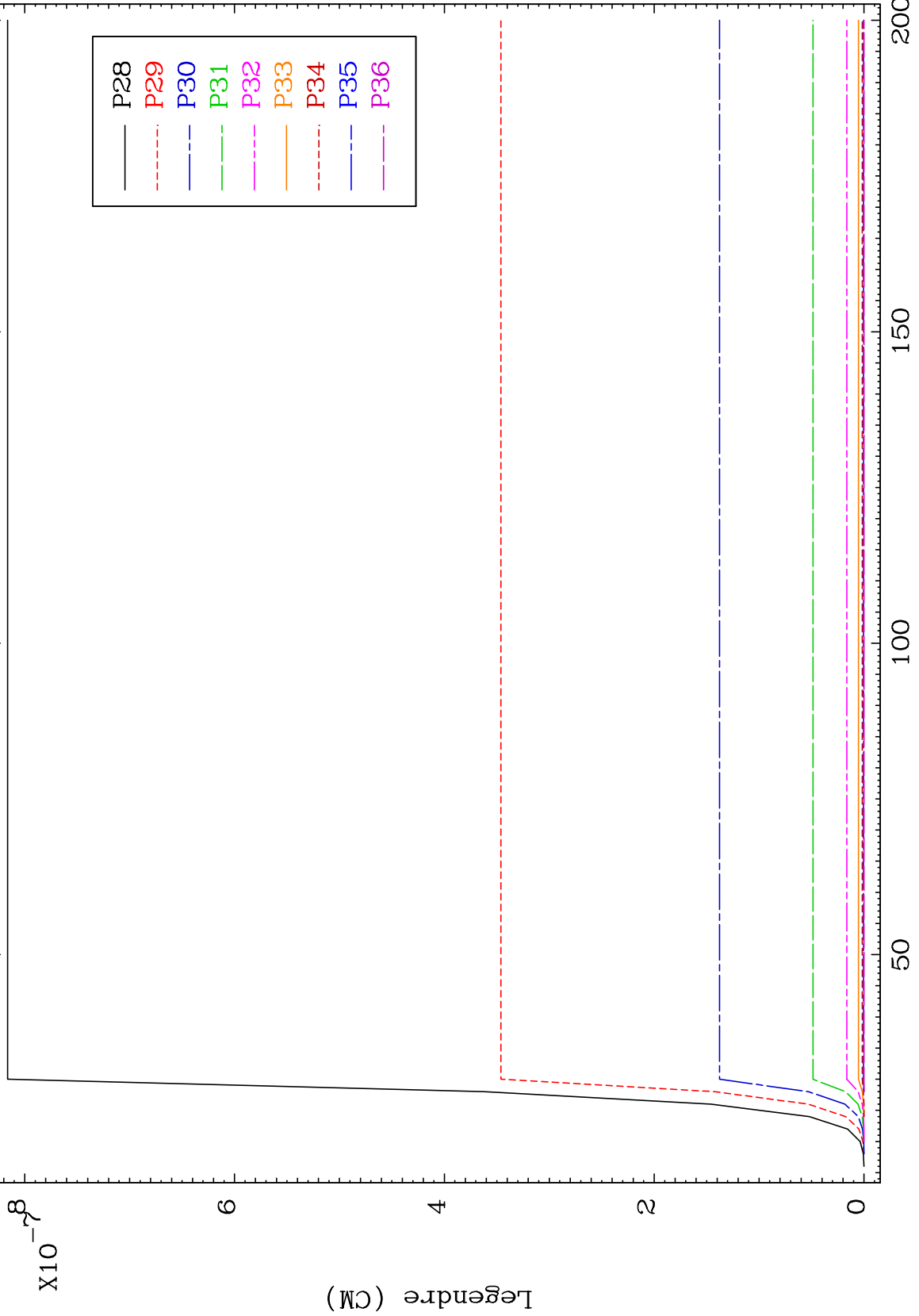


53 56-Ba-145

MAT 5670

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

56-Ba-145

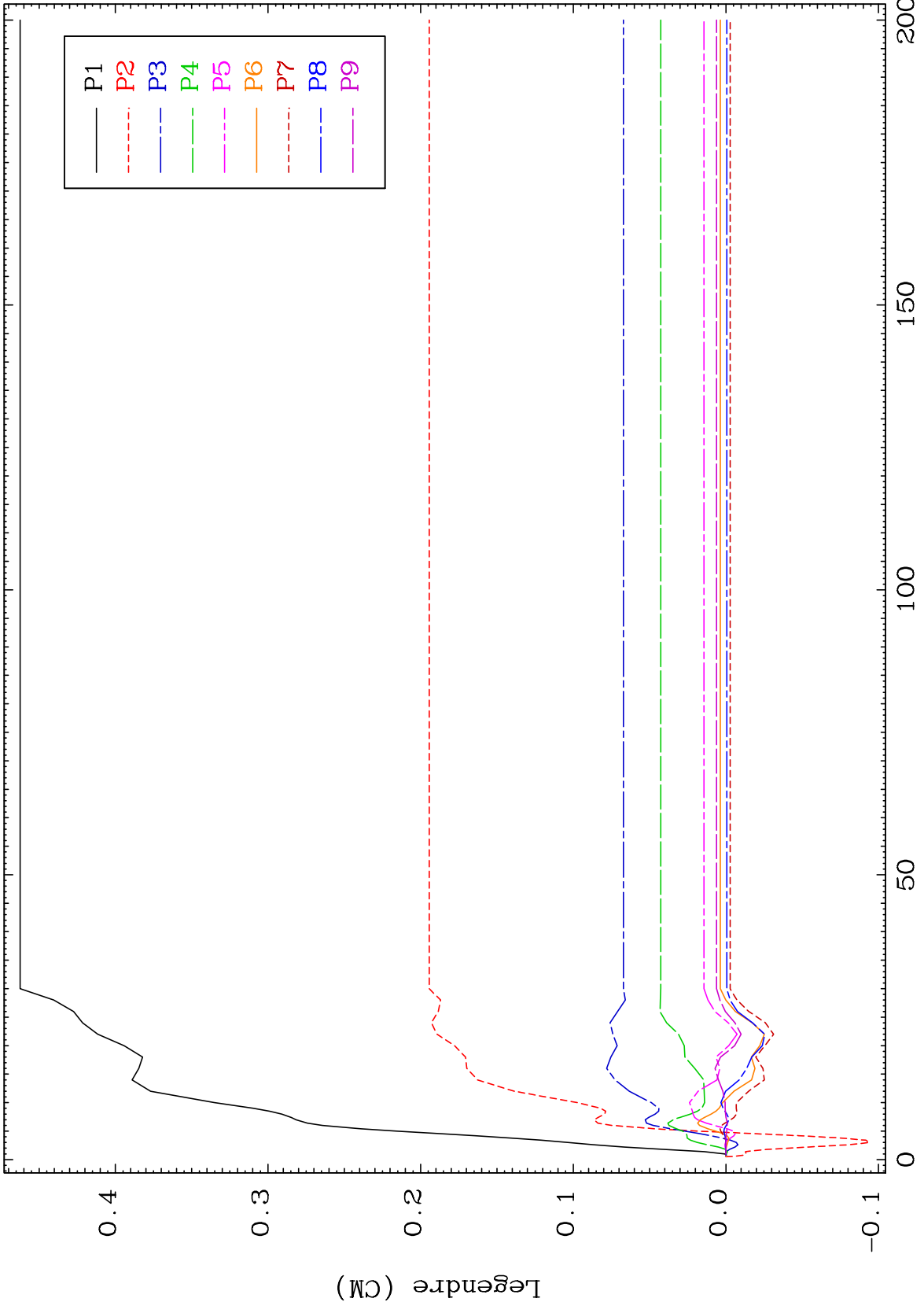


54

Incident Energy (MeV)

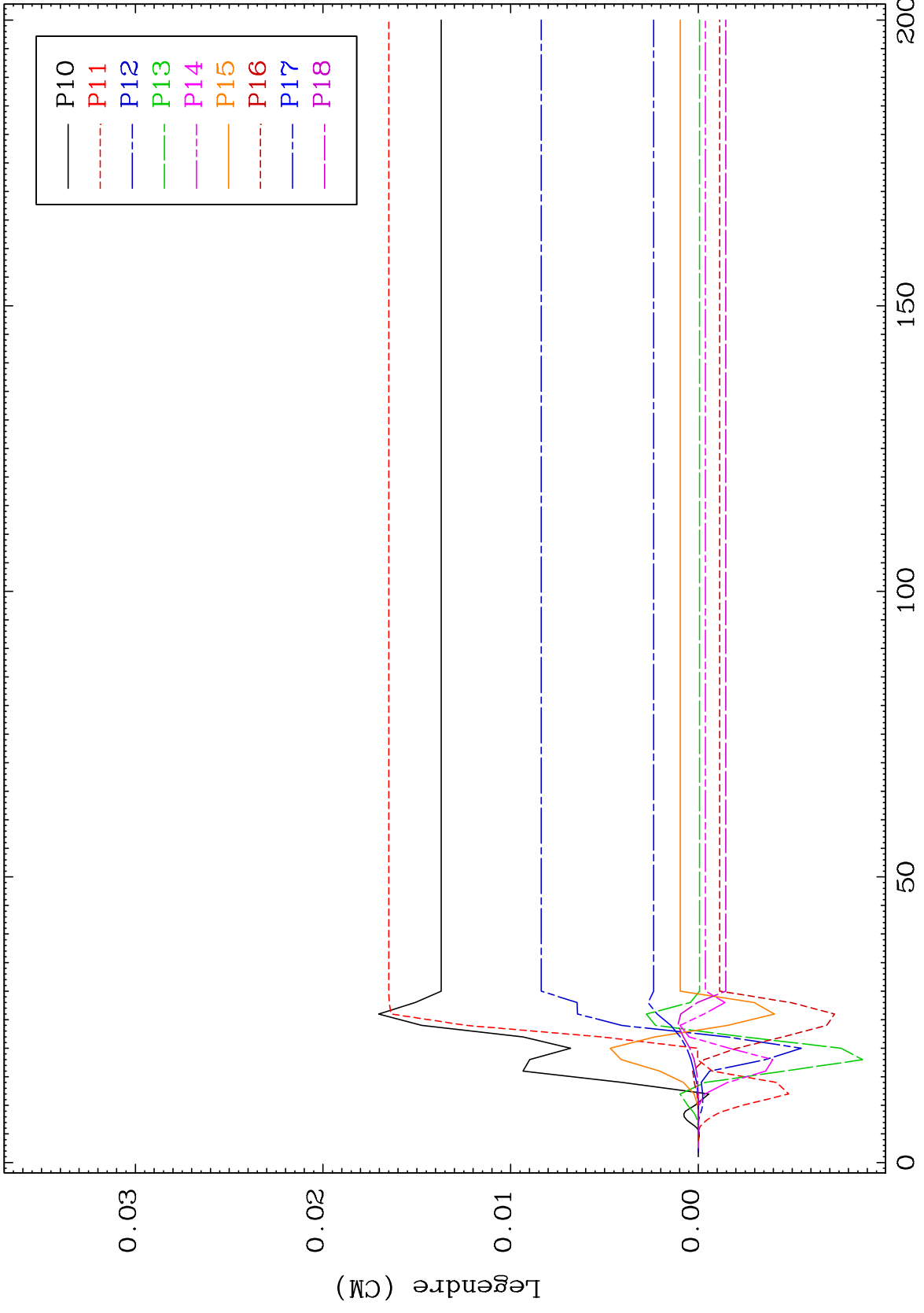
56-Ba-145

MAT 5670 MT= 60 (n,n') Level Legendre Coefficients 56-Ba-145



56-Ba-145

MAT 5670 MT= 60 (n,n') Level Legendre Coefficients 56-Ba-145

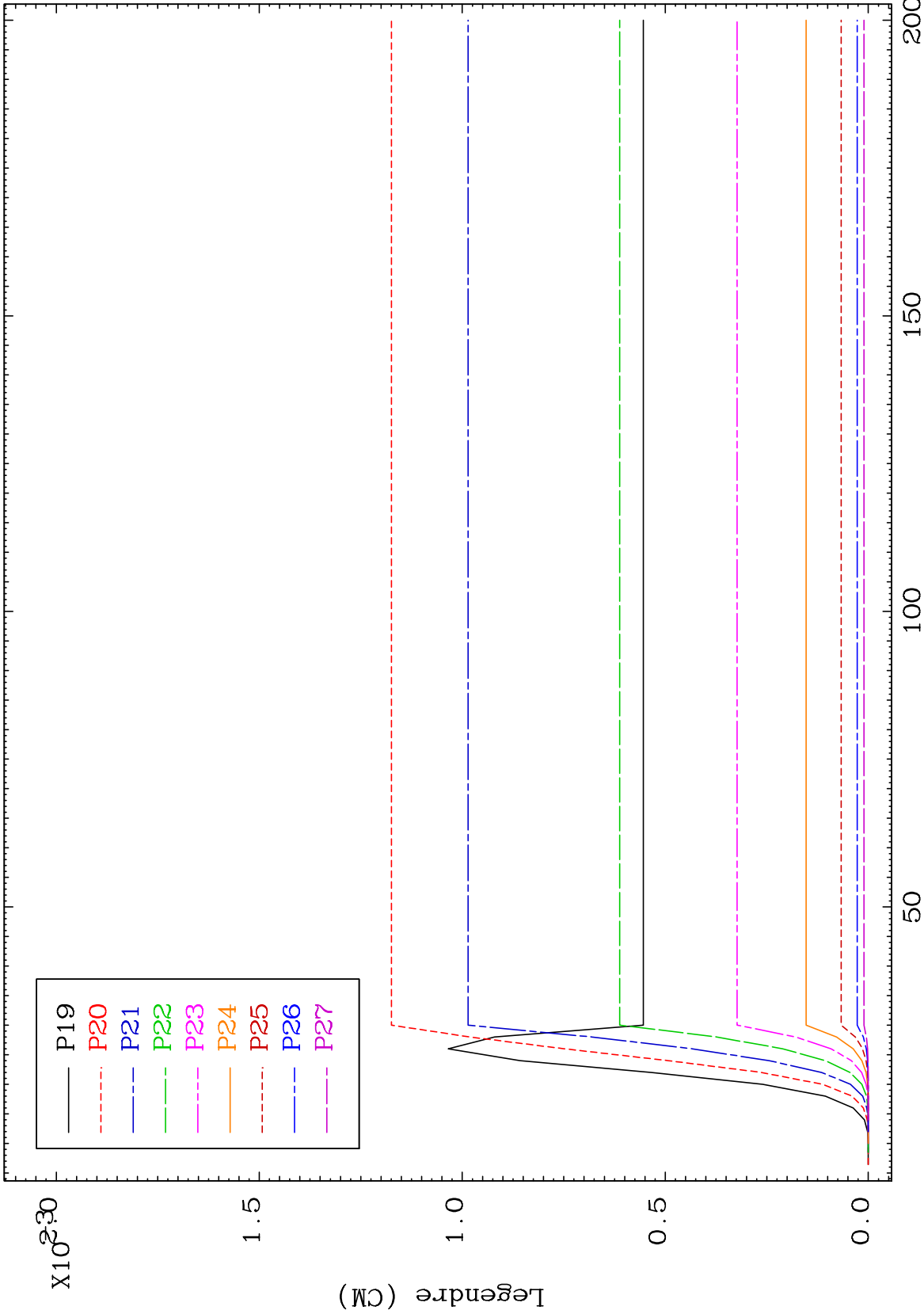


56 56-Ba-145 Incident Energy (MeV)

MAT 5670

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

56-Ba-145



57

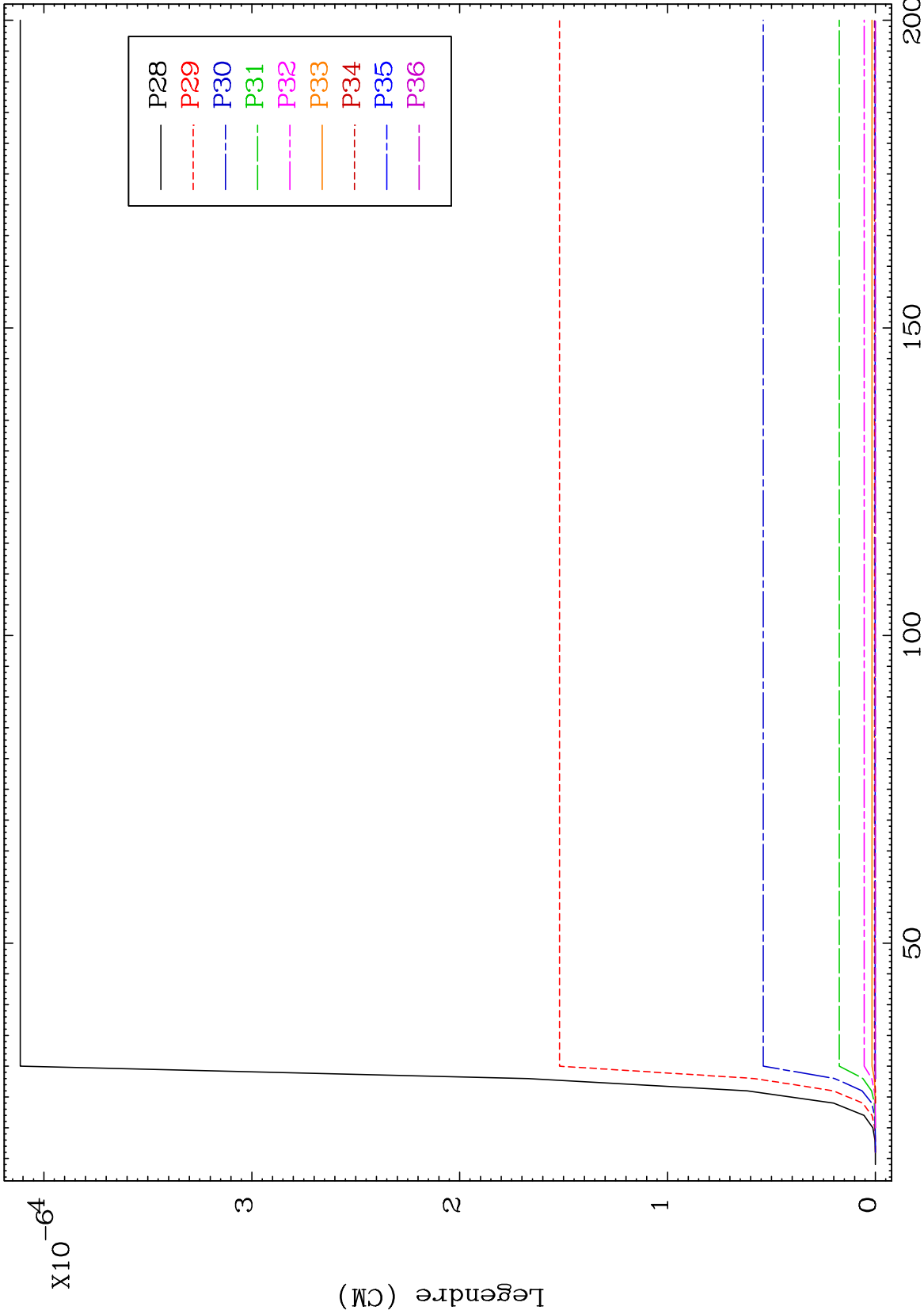
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



58

Incident Energy (MeV)

56-Ba-145

200

150

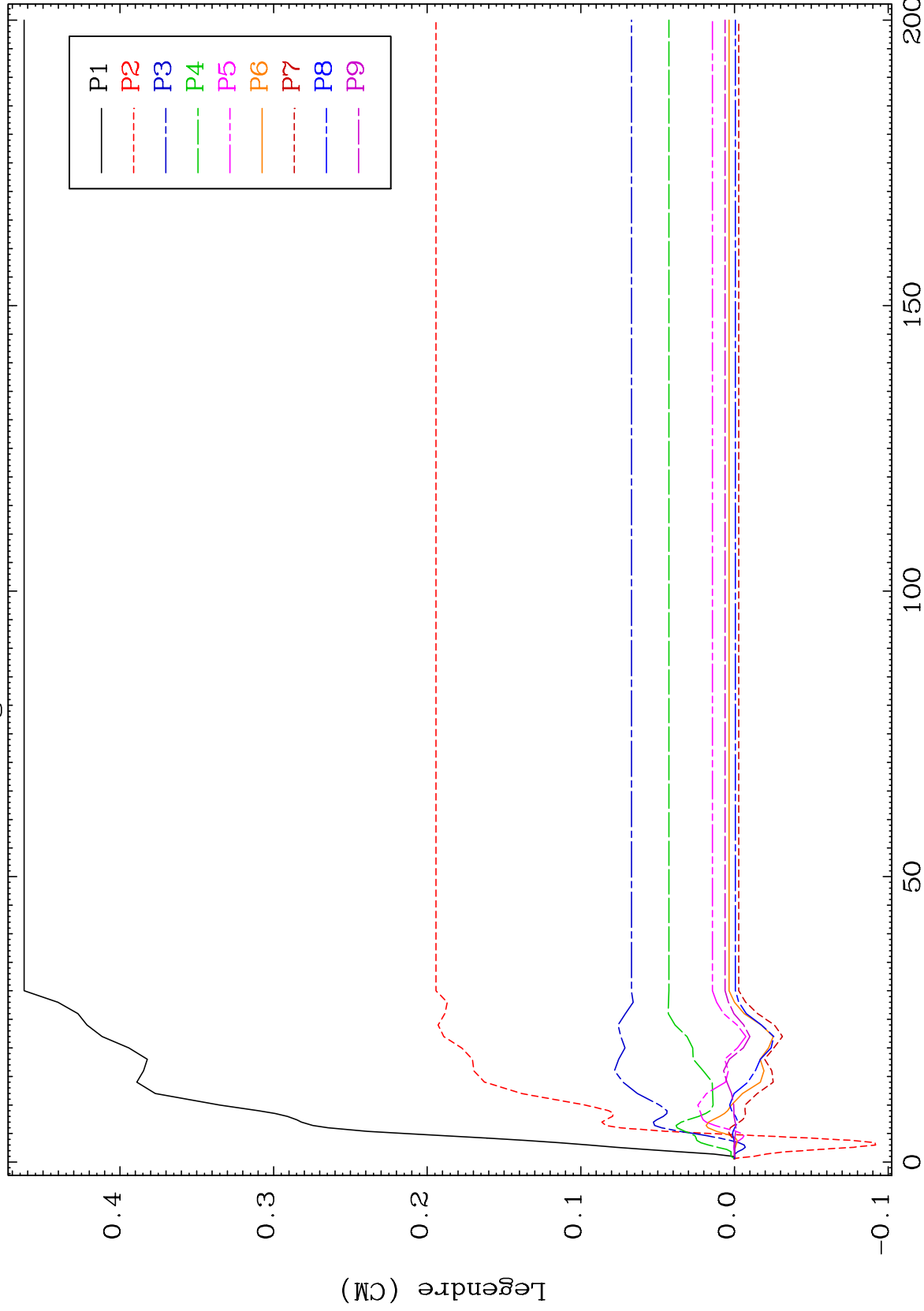
100

50

MAT 5670

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

56-Ba-145

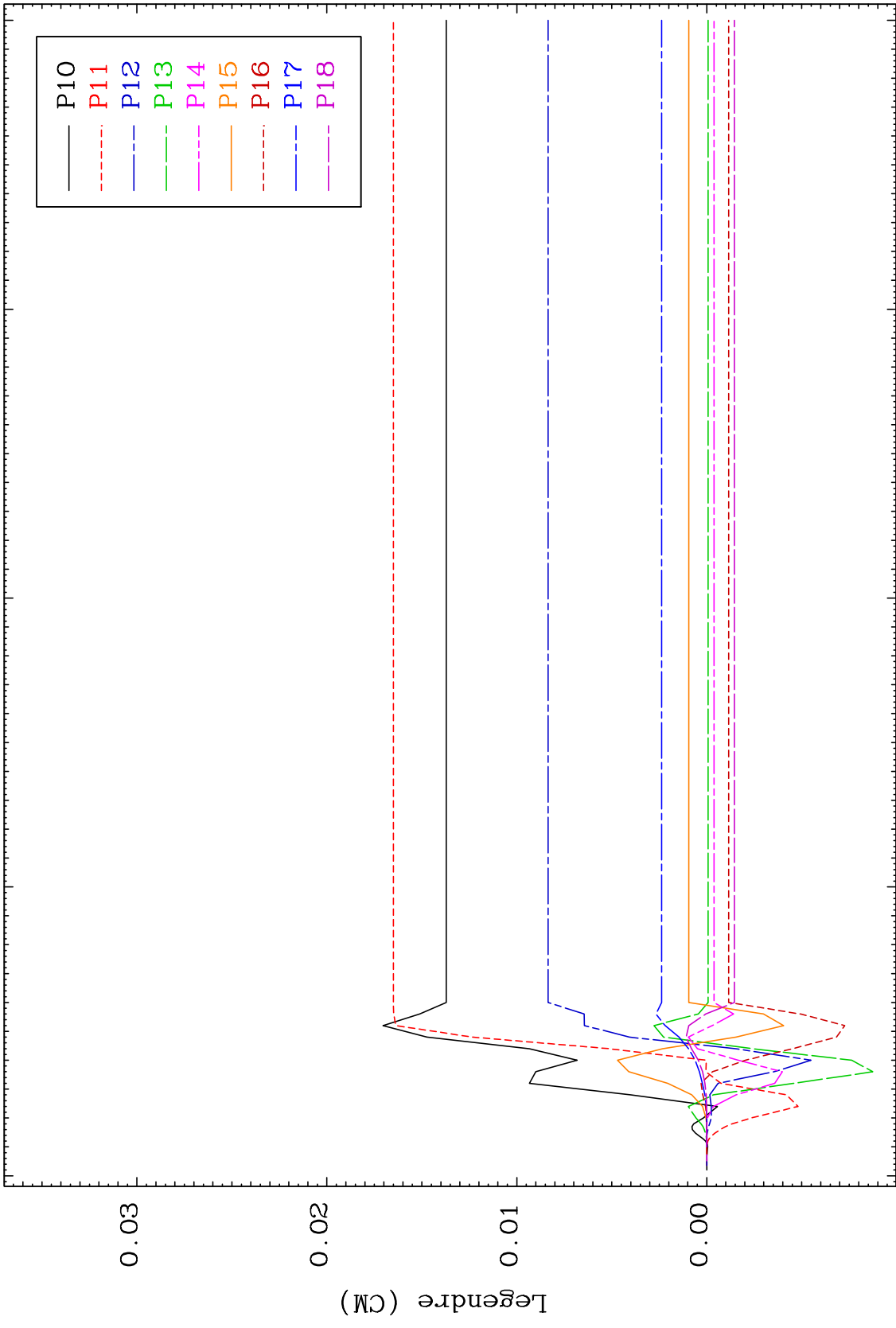


59

Incident Energy (MeV)

56-Ba-145

MAT 5670 MT= 61 (n,n') Level Legendre Coefficients 56-Ba-145

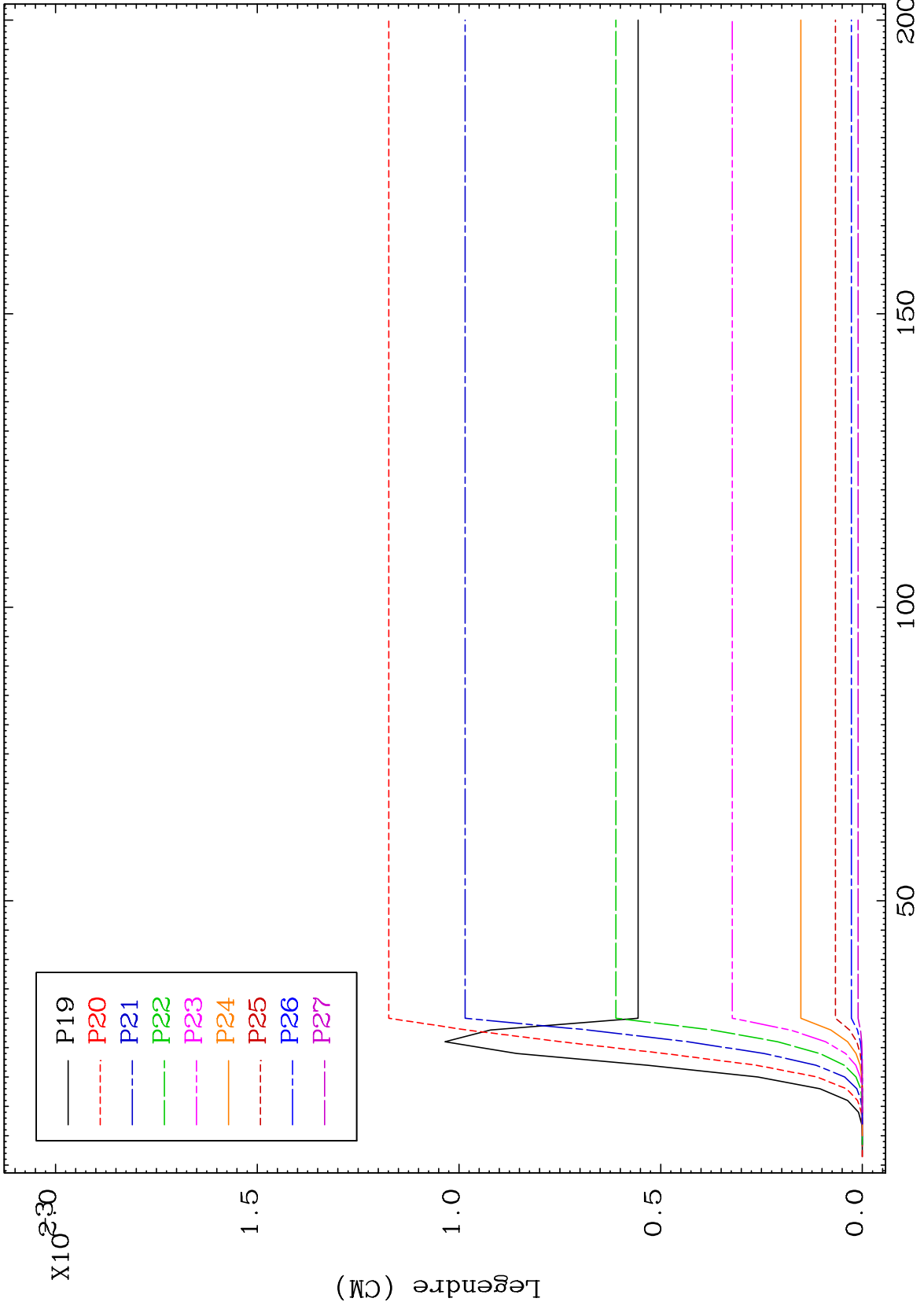


60 50 100 150 200 56-Ba-145

MAT 5670

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

56-Ba-145



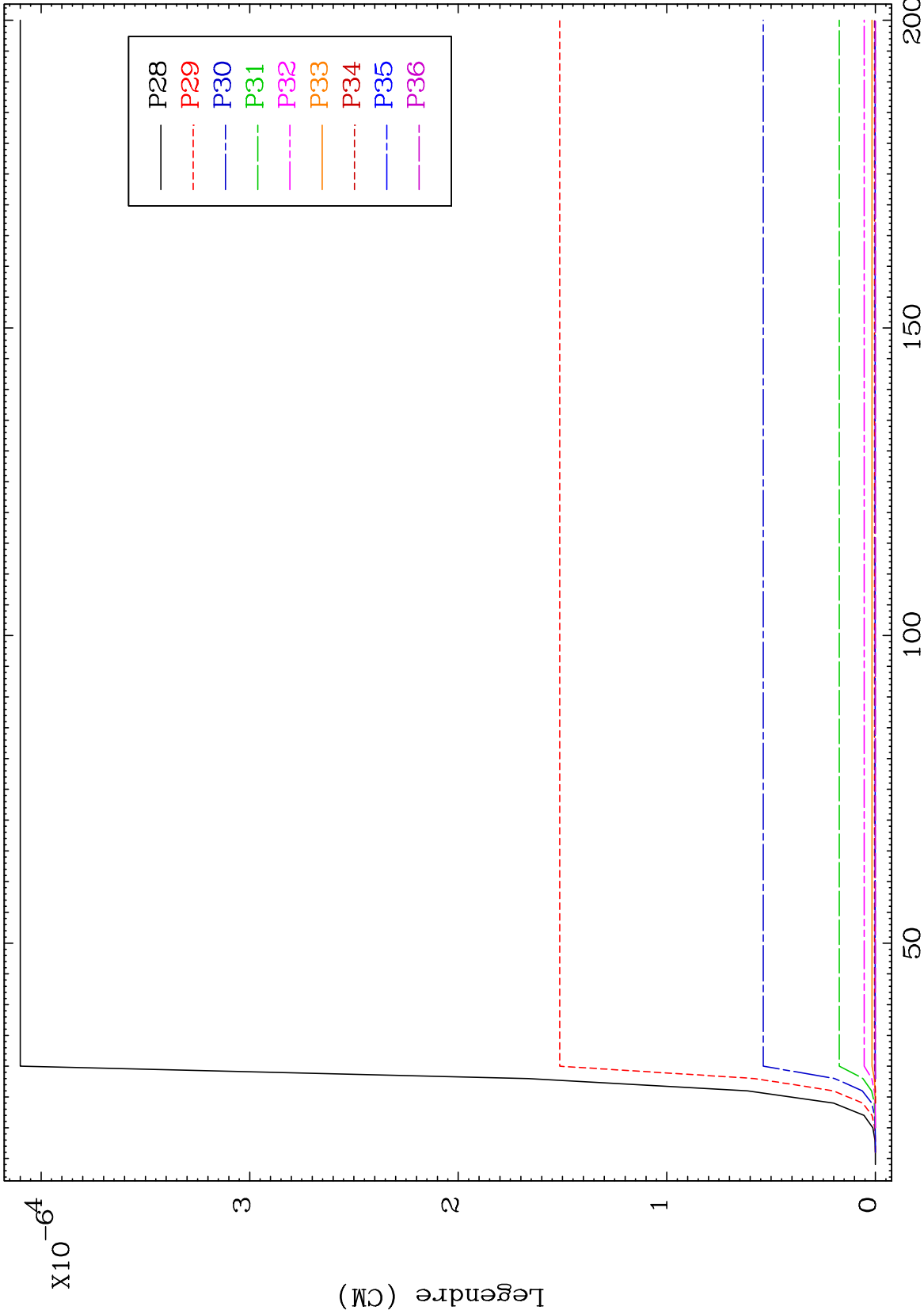
61

56-Ba-145

MAT 5670

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

56-Ba-145



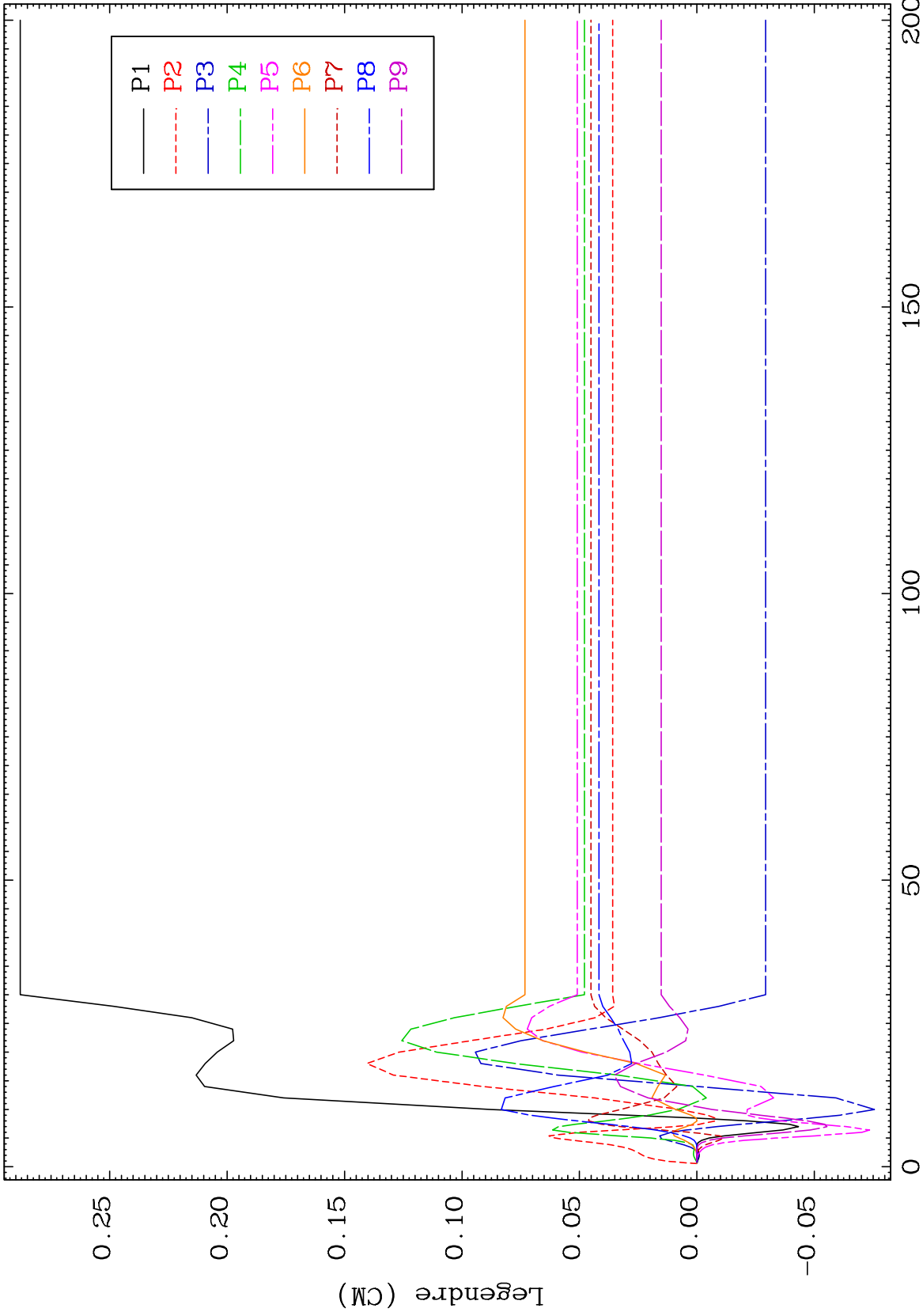
62

56-Ba-145

MAT 5670

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

56-Ba-145

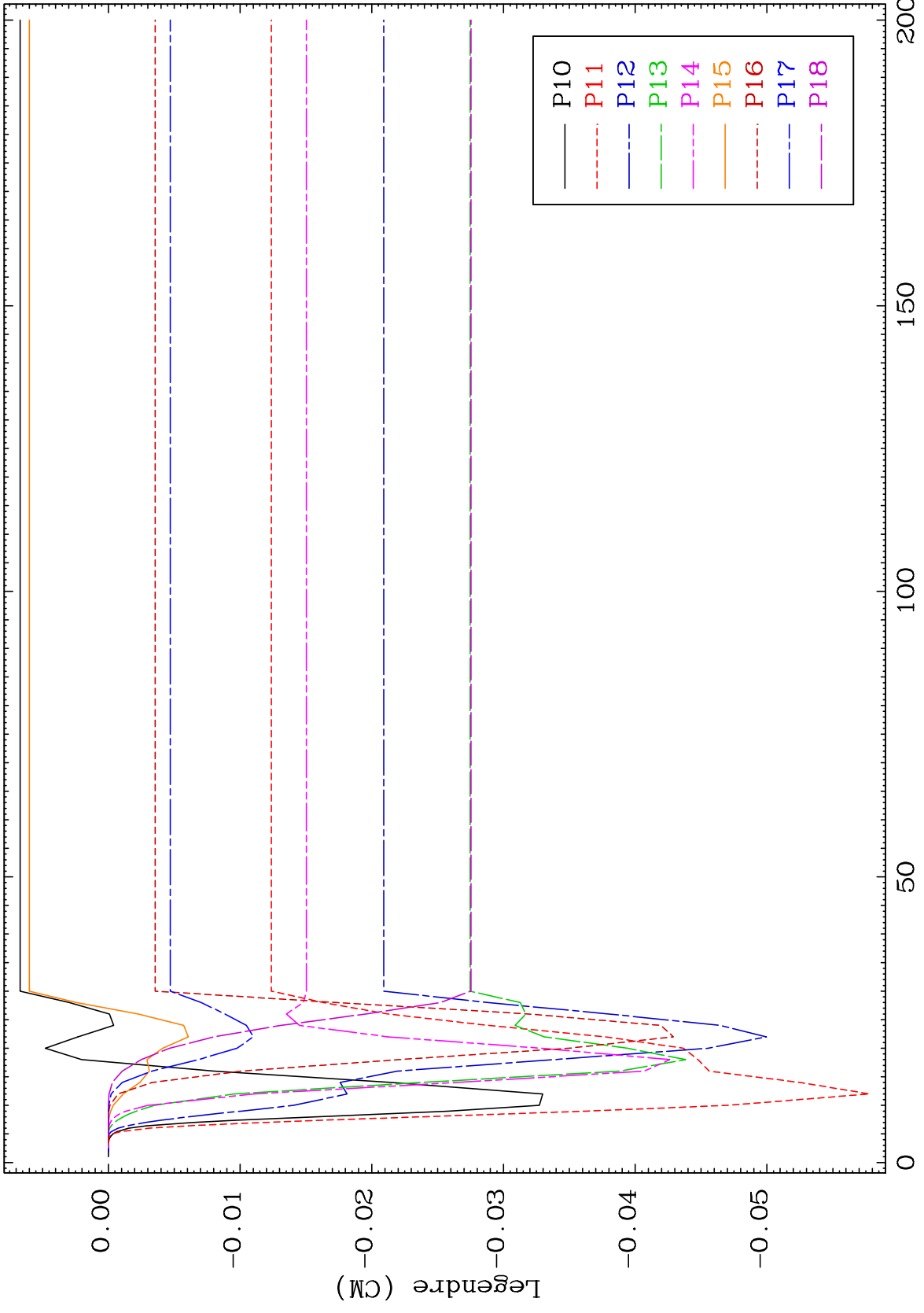


63

Incident Energy (MeV)

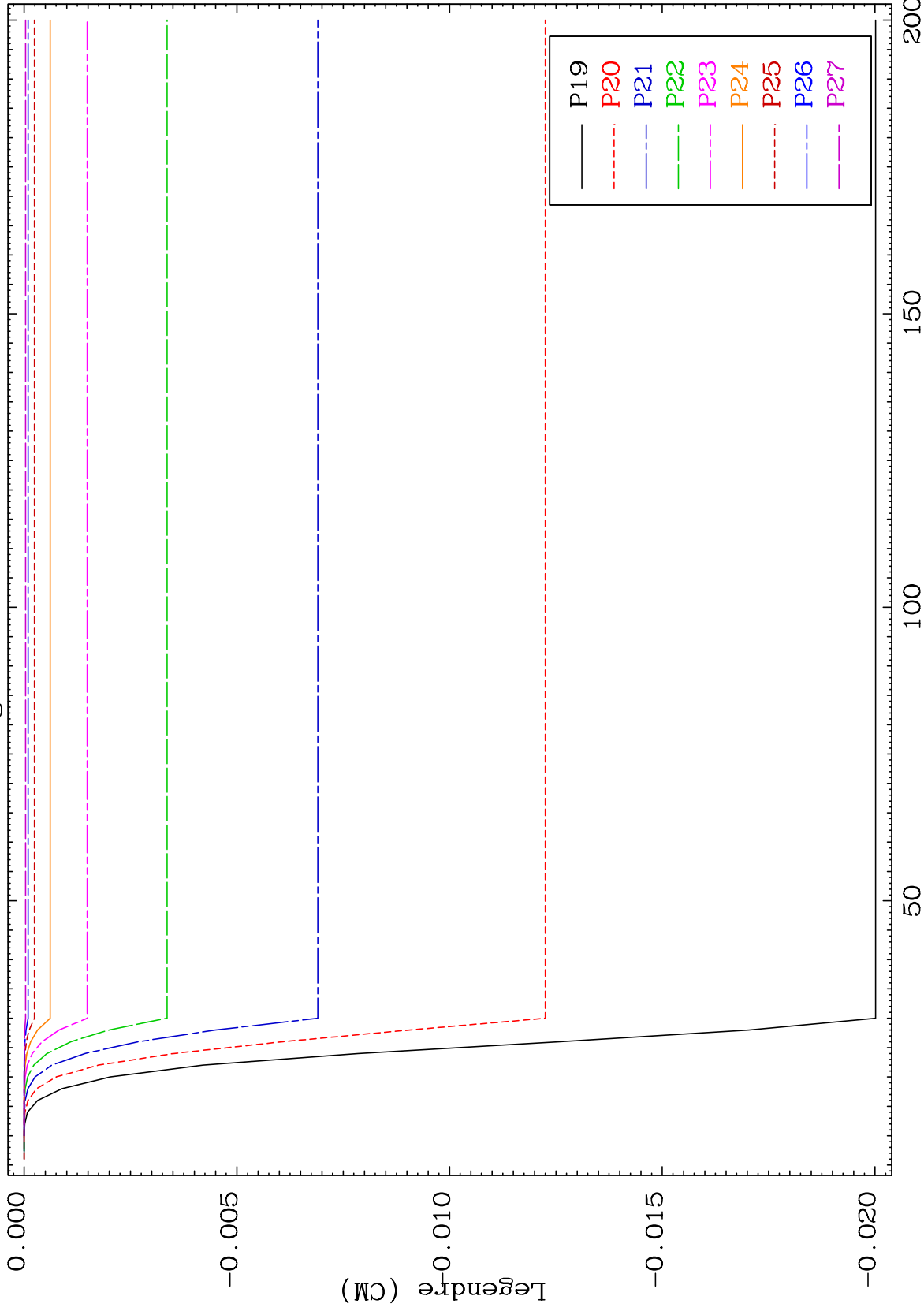
56-Ba-145

MAT 5670 MT= 62 (n,n') Level Legendre Coefficients 56-Ba-145



64 56-Ba-145

MAT 5670 MT= 62 (n,n') Level Legendre Coefficients 56-Ba-145

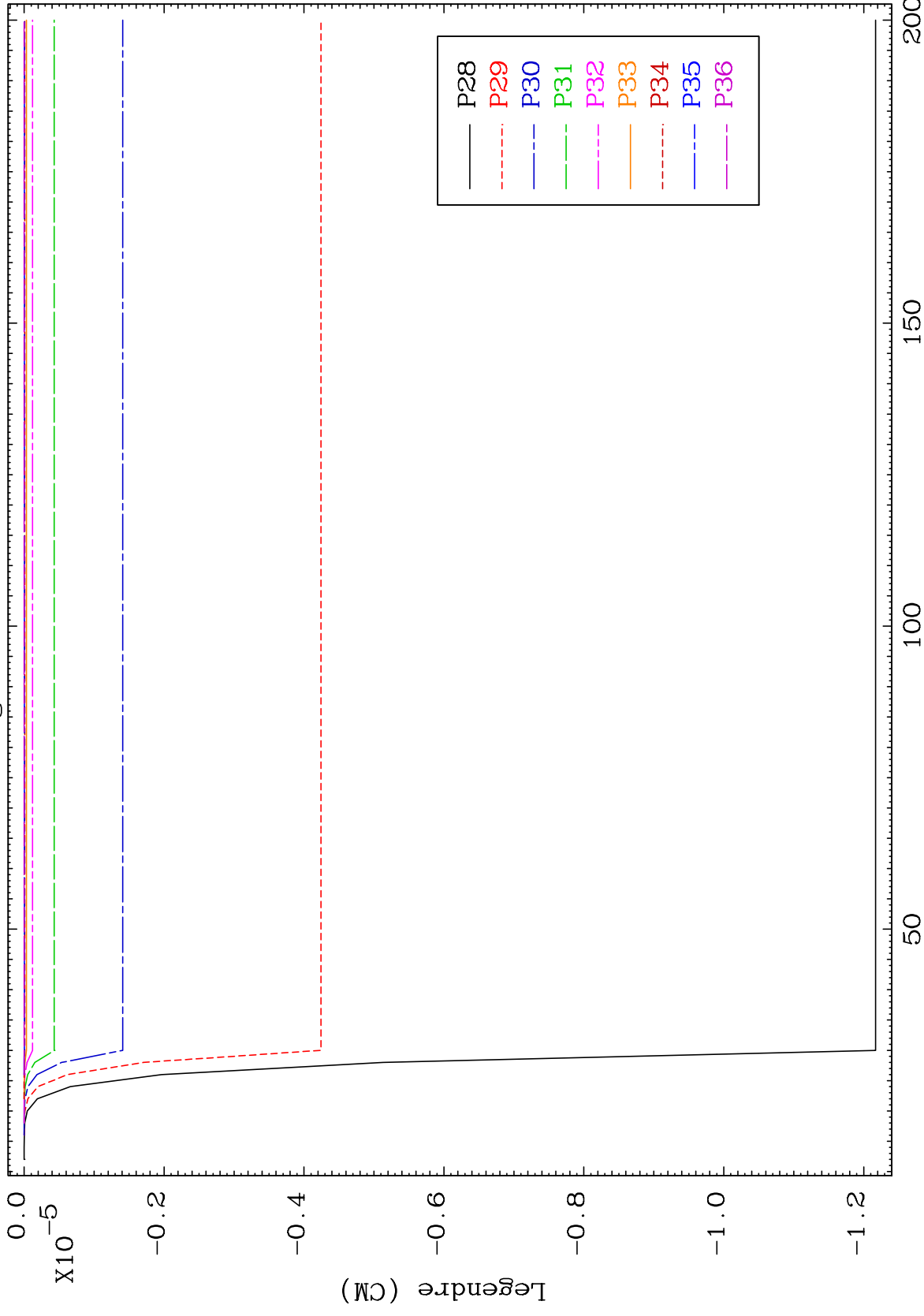


65 56-Ba-145

MAT 5670

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

56-Ba-145



66

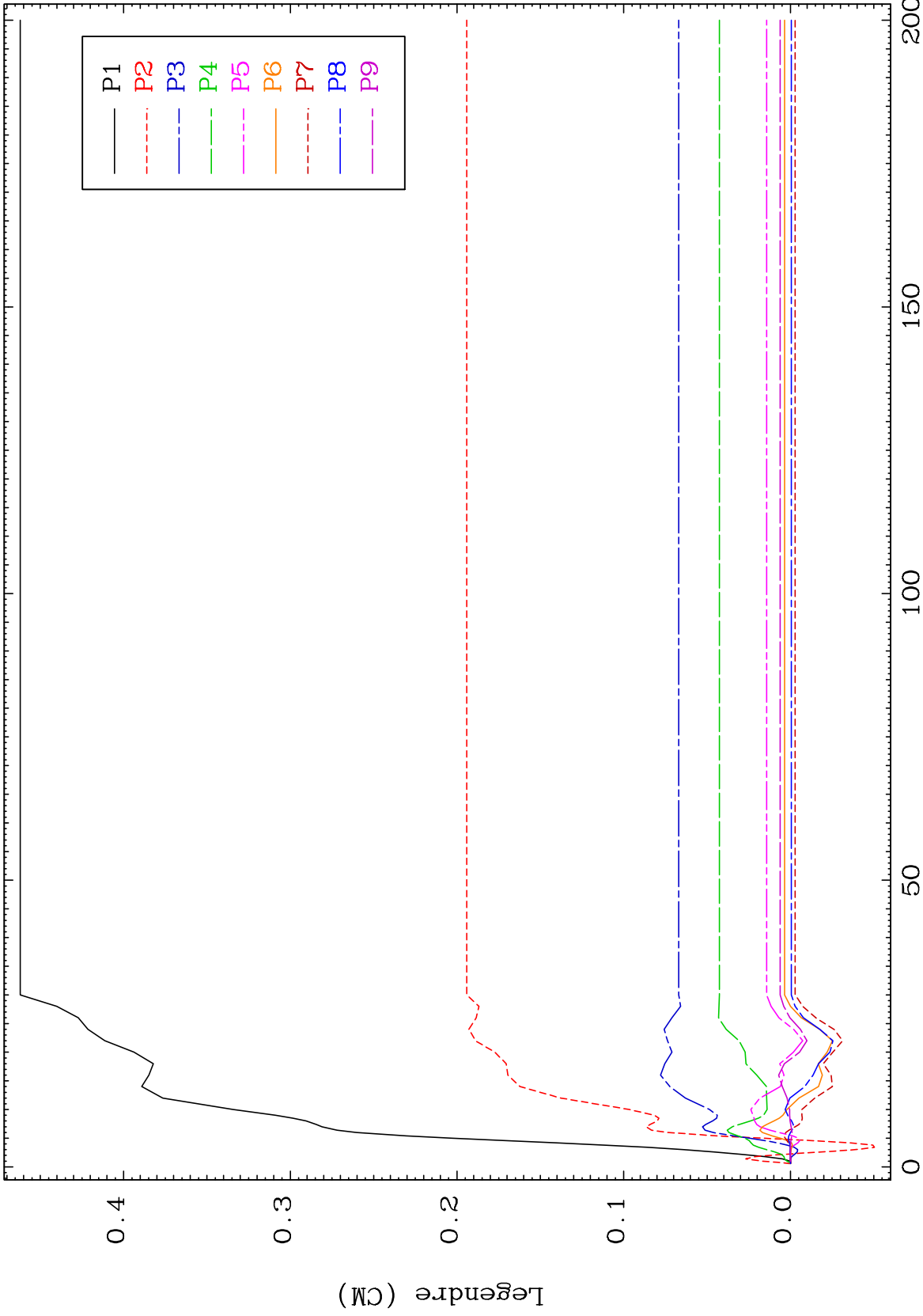
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



67

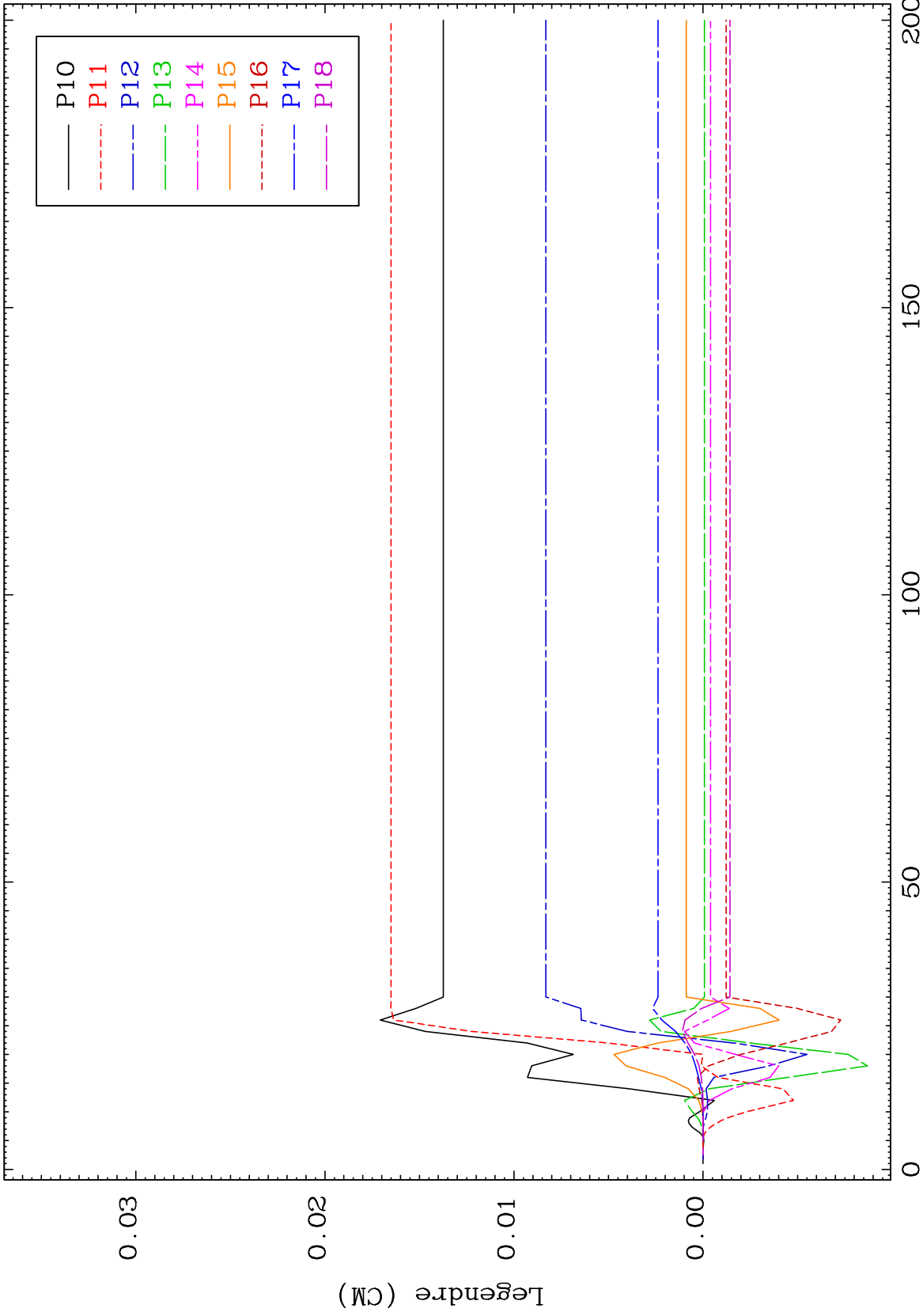
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



68

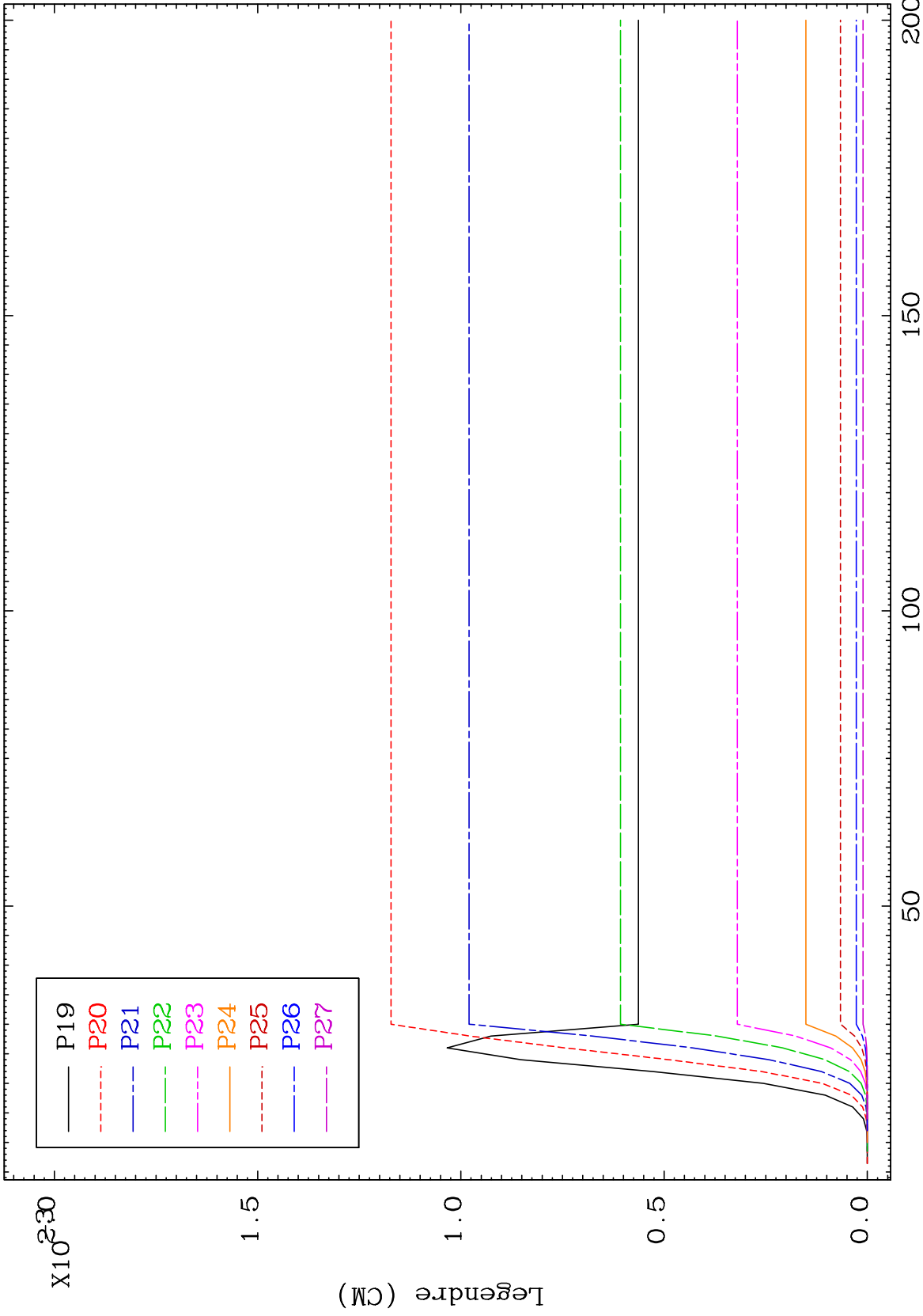
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



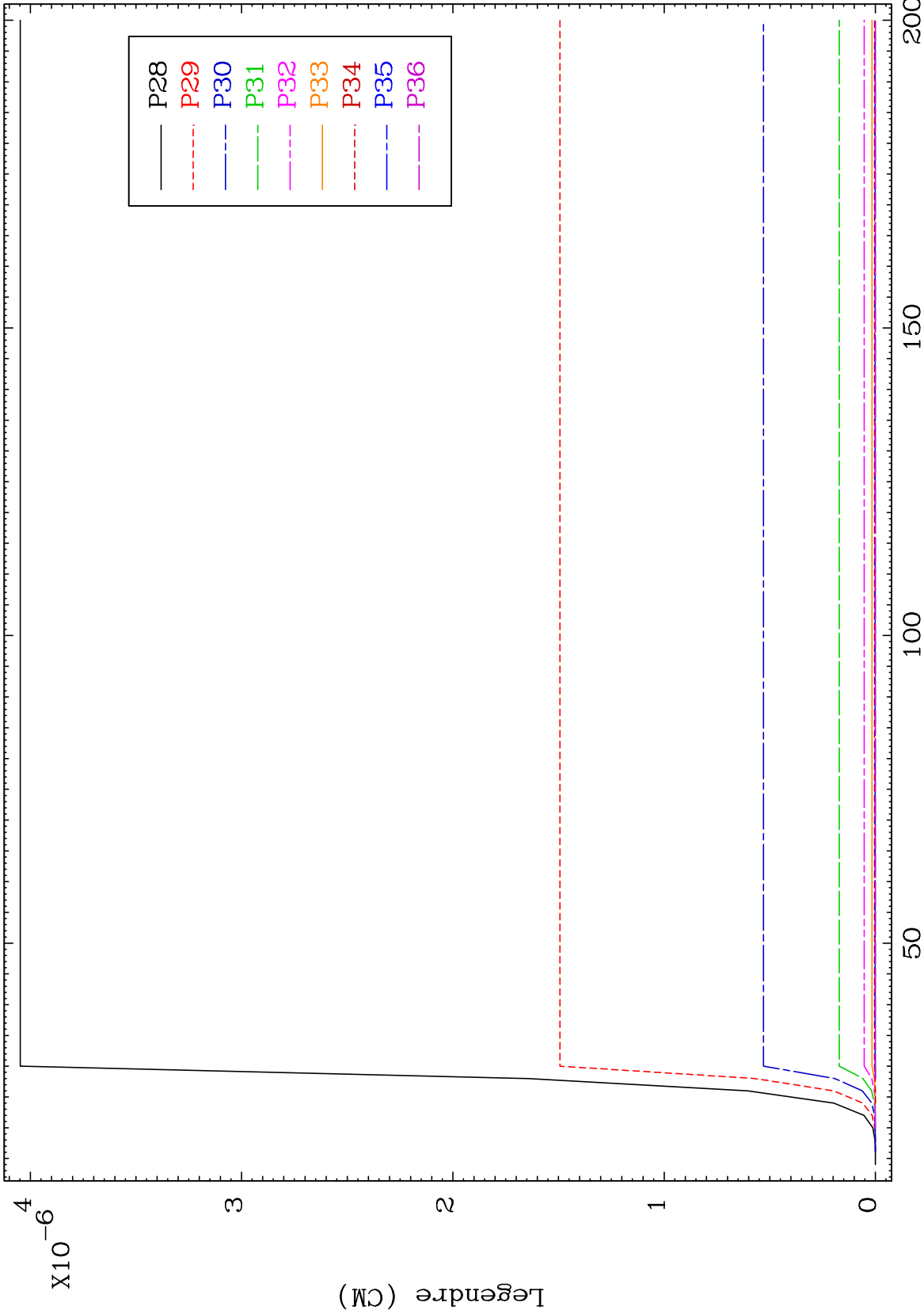
69

56-Ba-145

MAT 5670

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

56-Ba-145



70

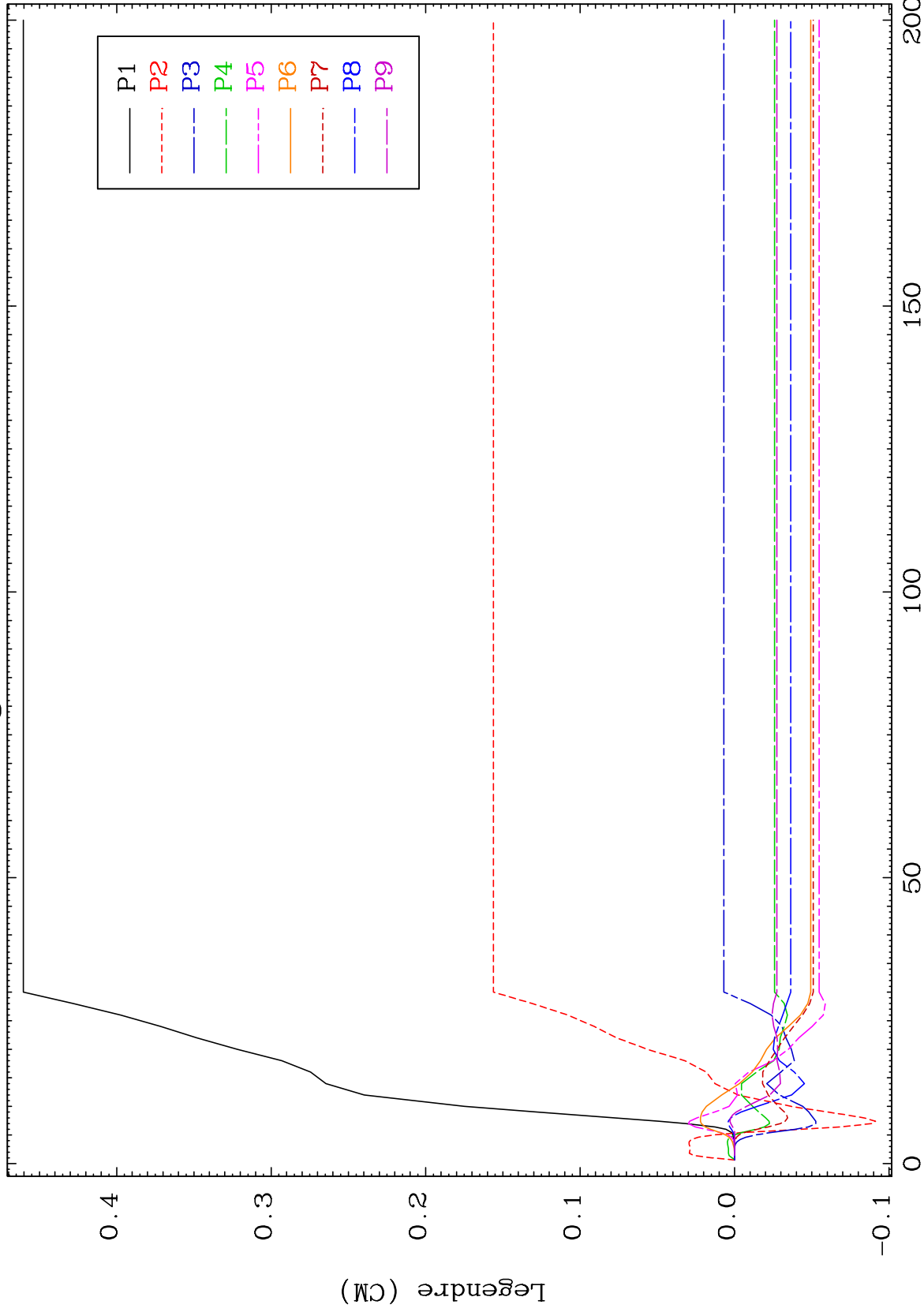
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



71

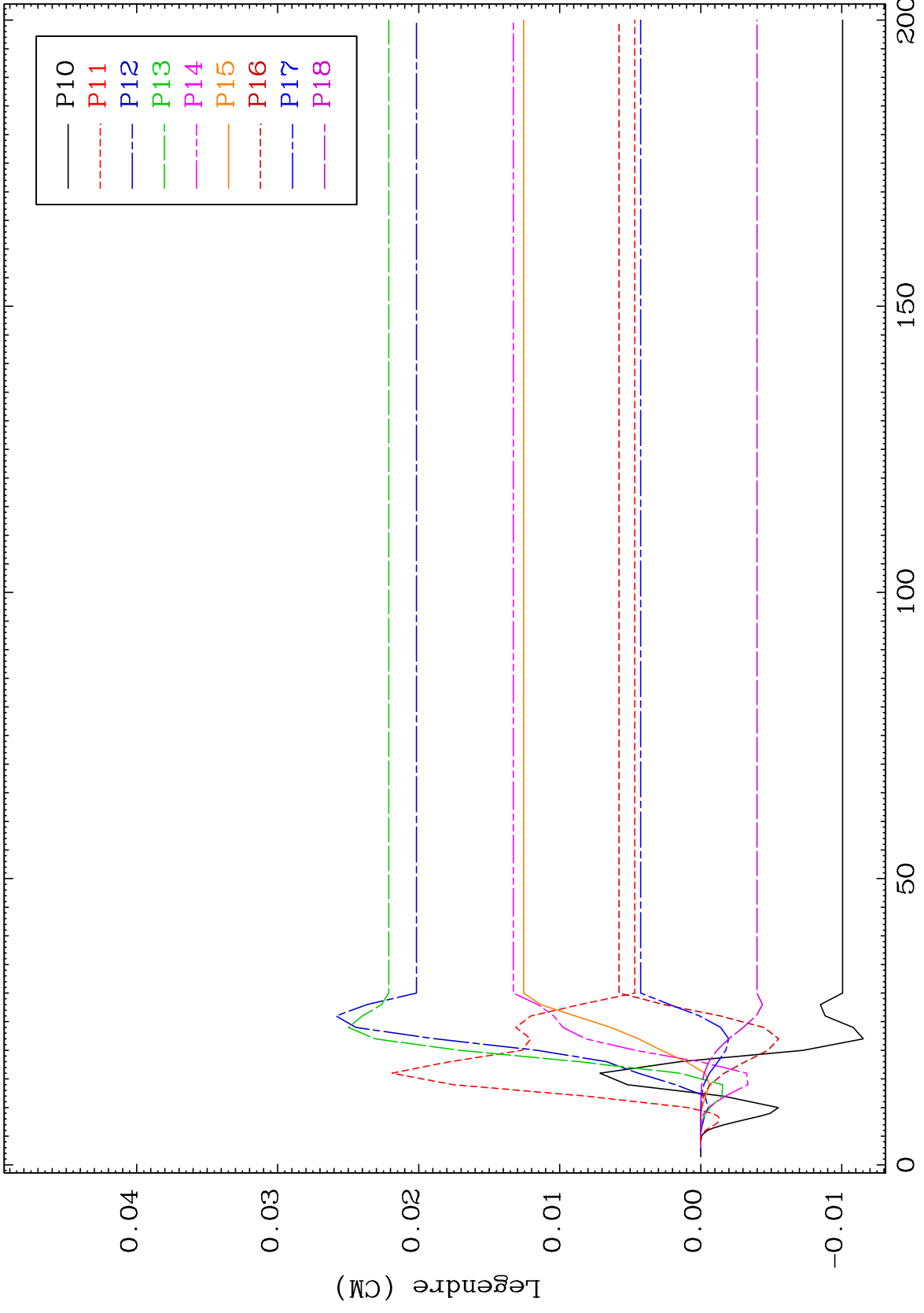
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



72

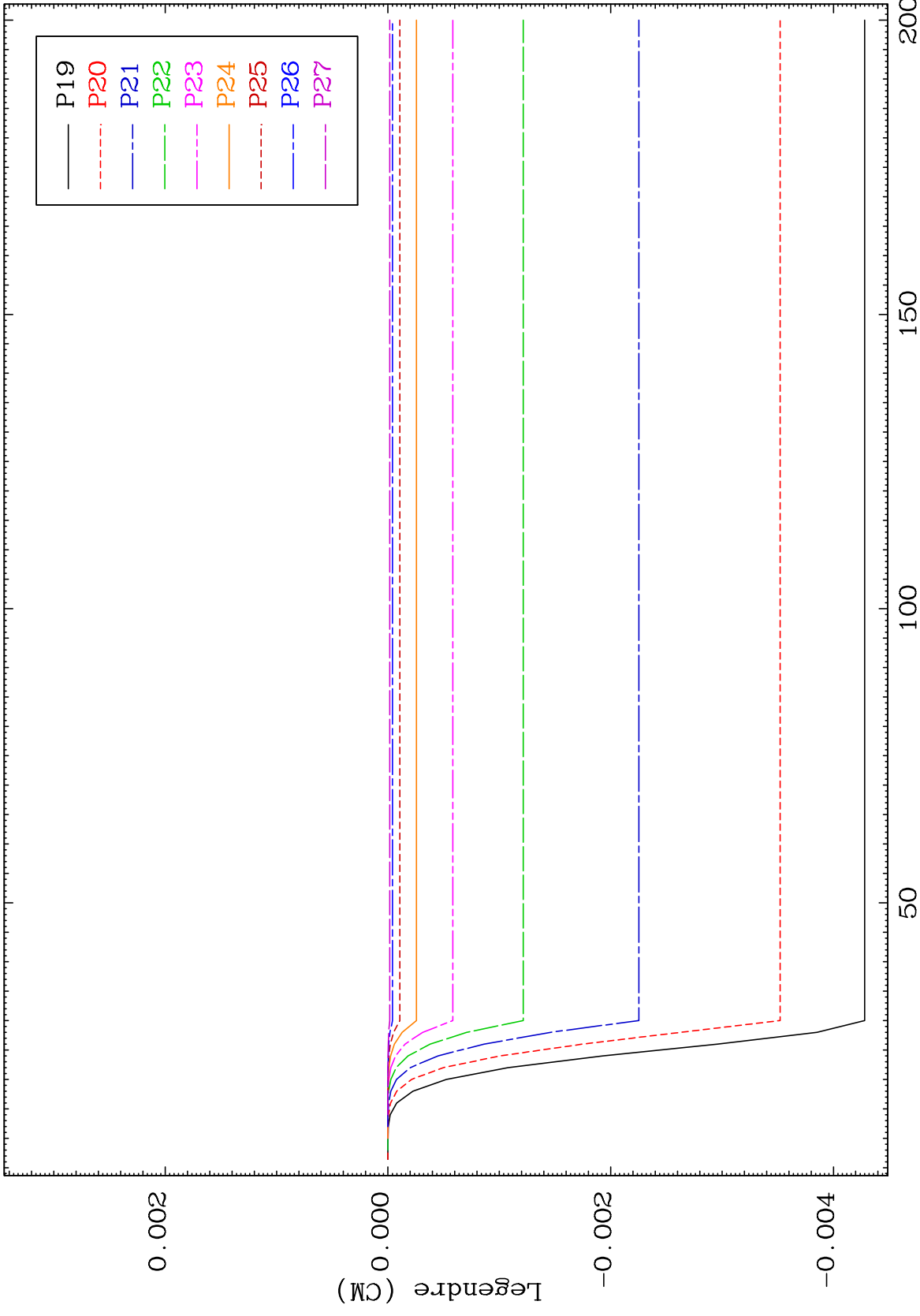
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



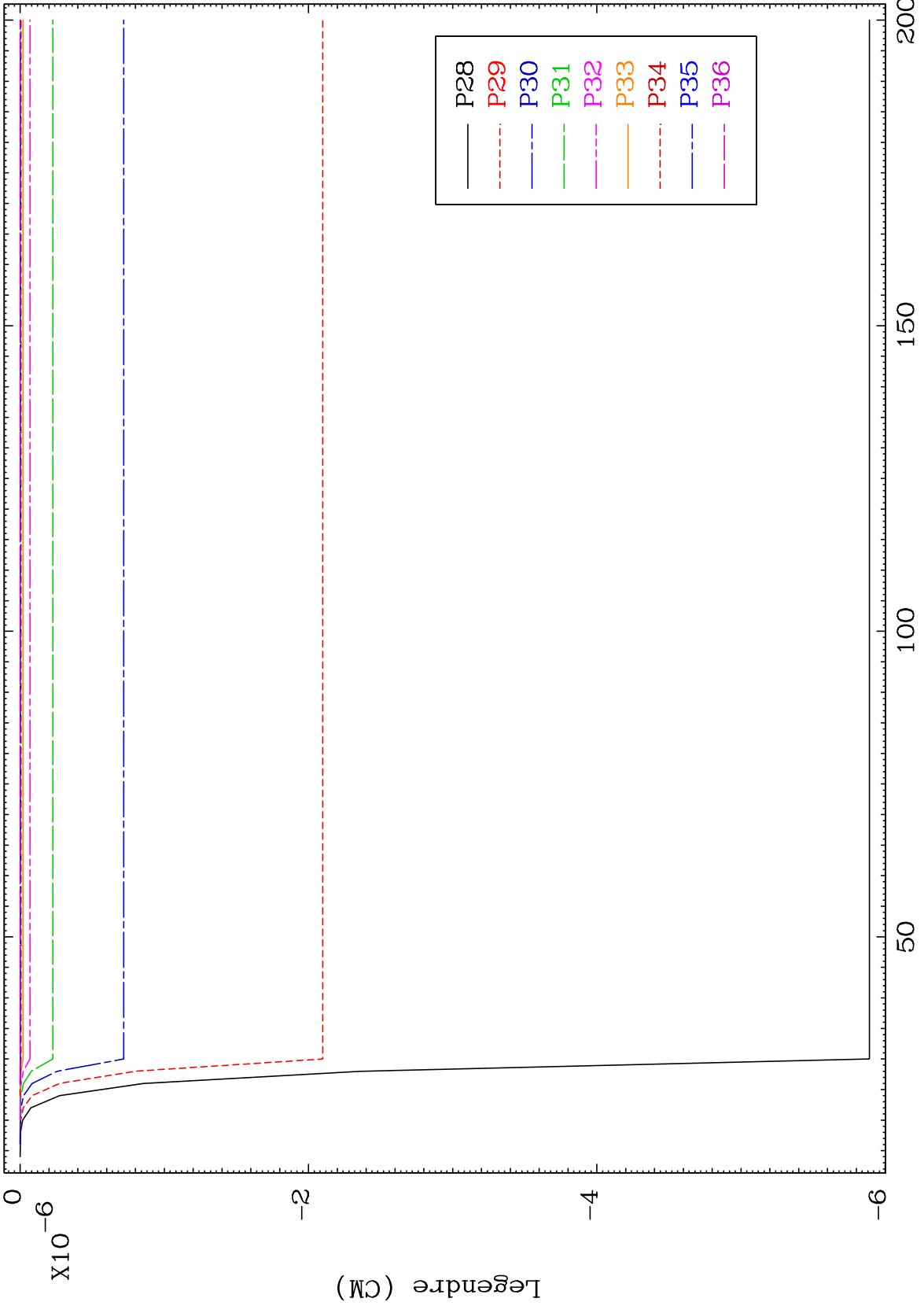
73

Incident Energy (MeV)

56-Ba-145

MAT 5670 MT= 64 (n,n') Level 56-Ba-145

Legendre Coefficients

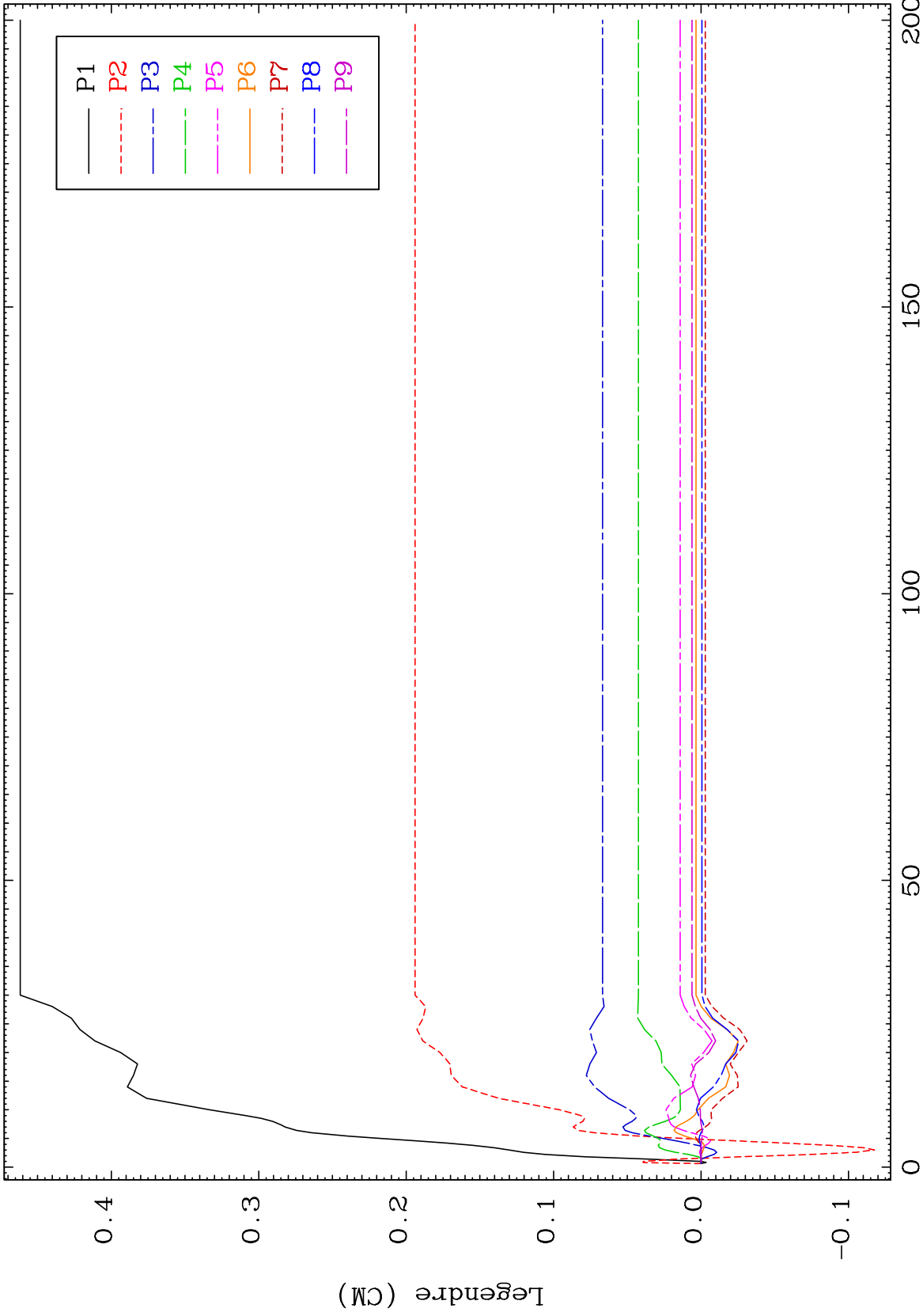


74 56-Ba-145

MAT 5670

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

56-Ba-145



75

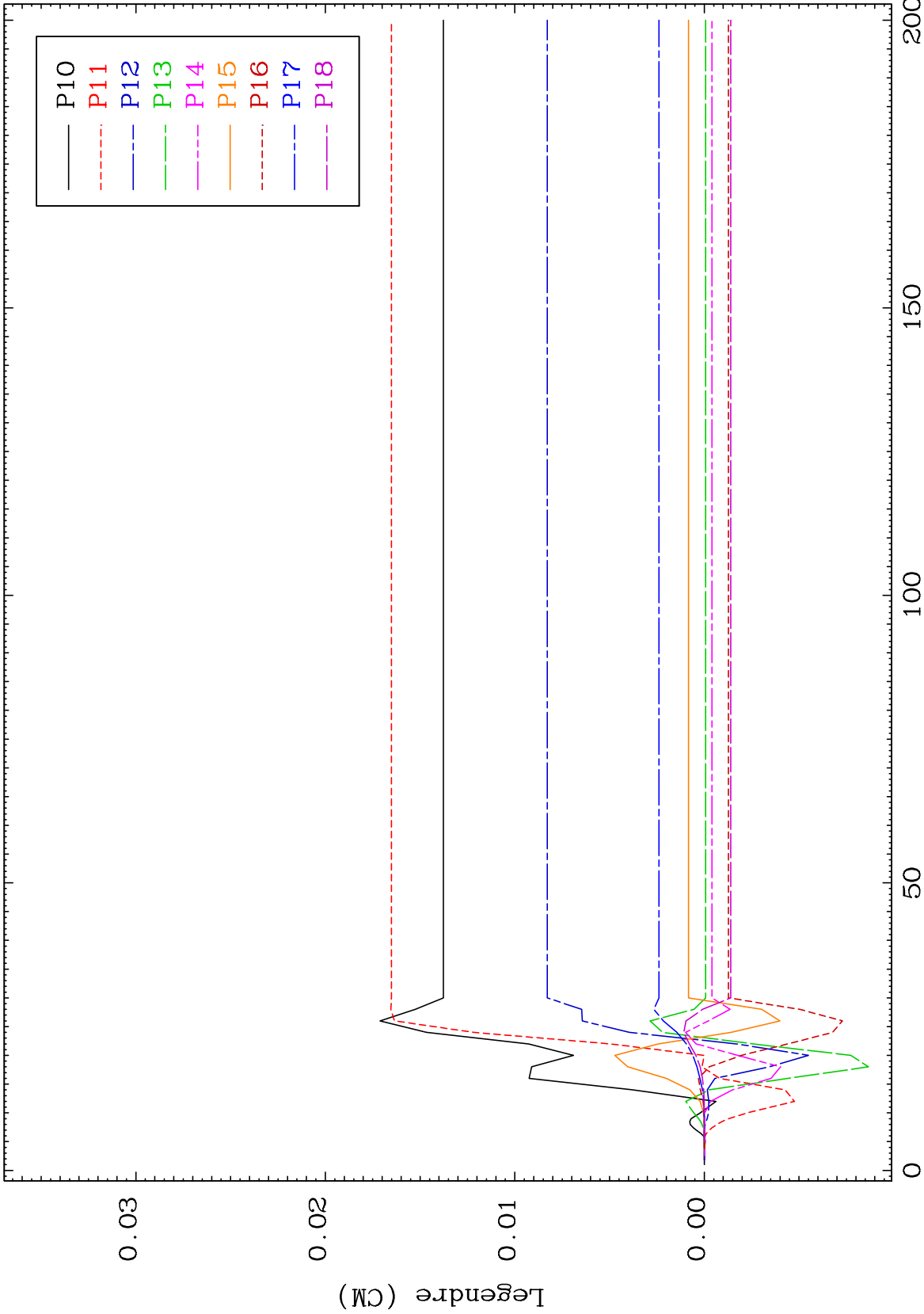
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



76

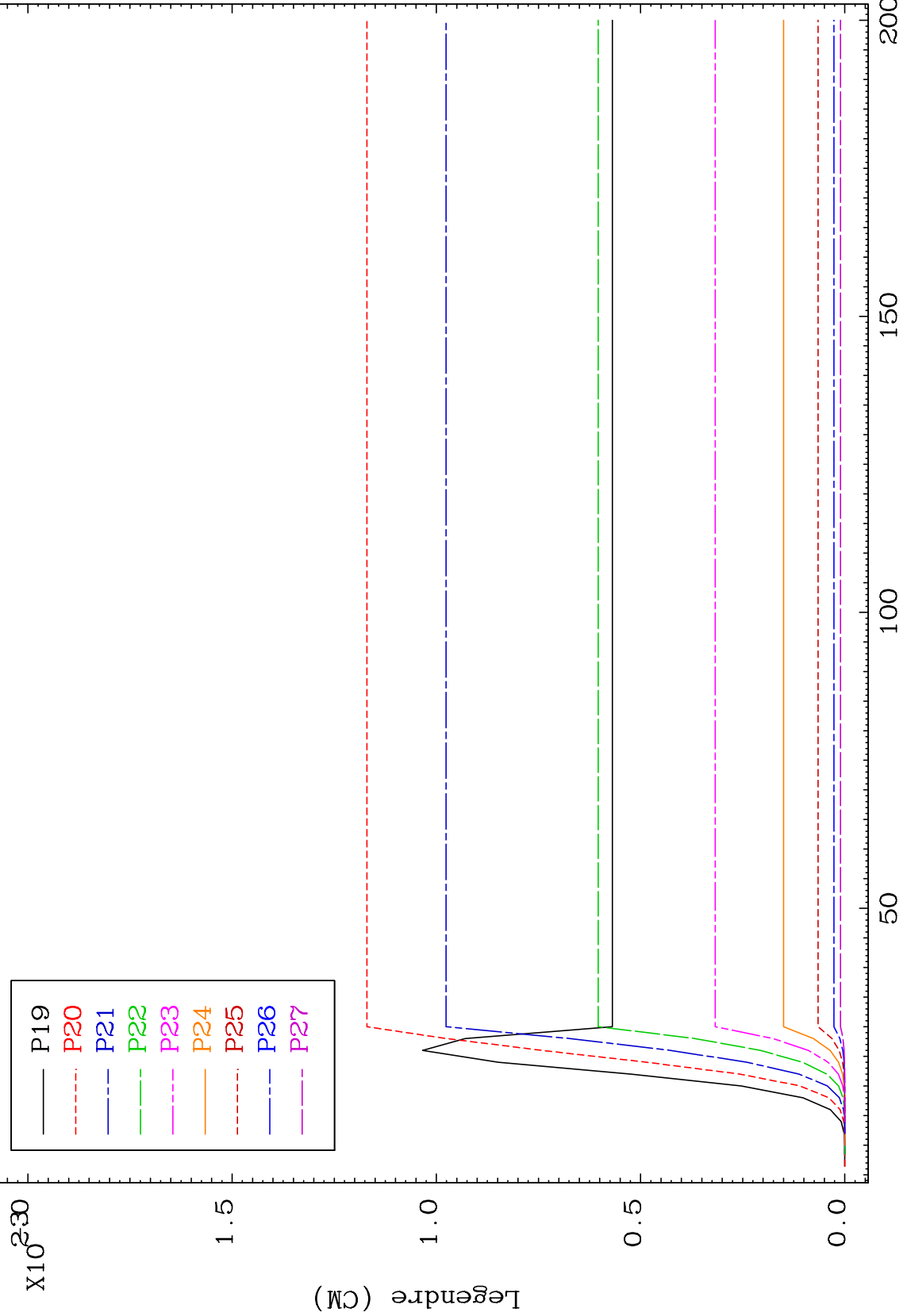
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



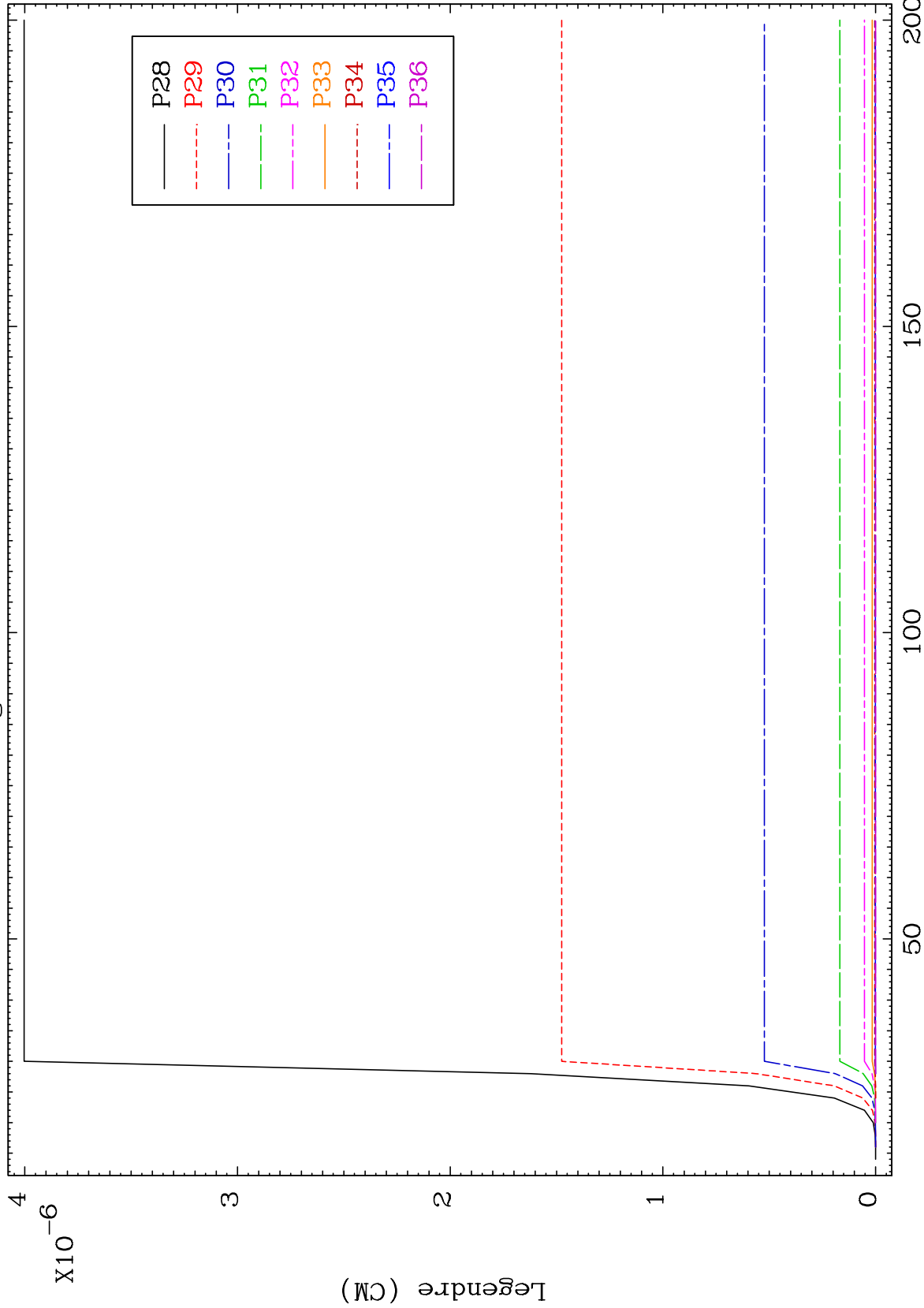
77

56-Ba-145

MAT 5670

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

56-Ba-145



78

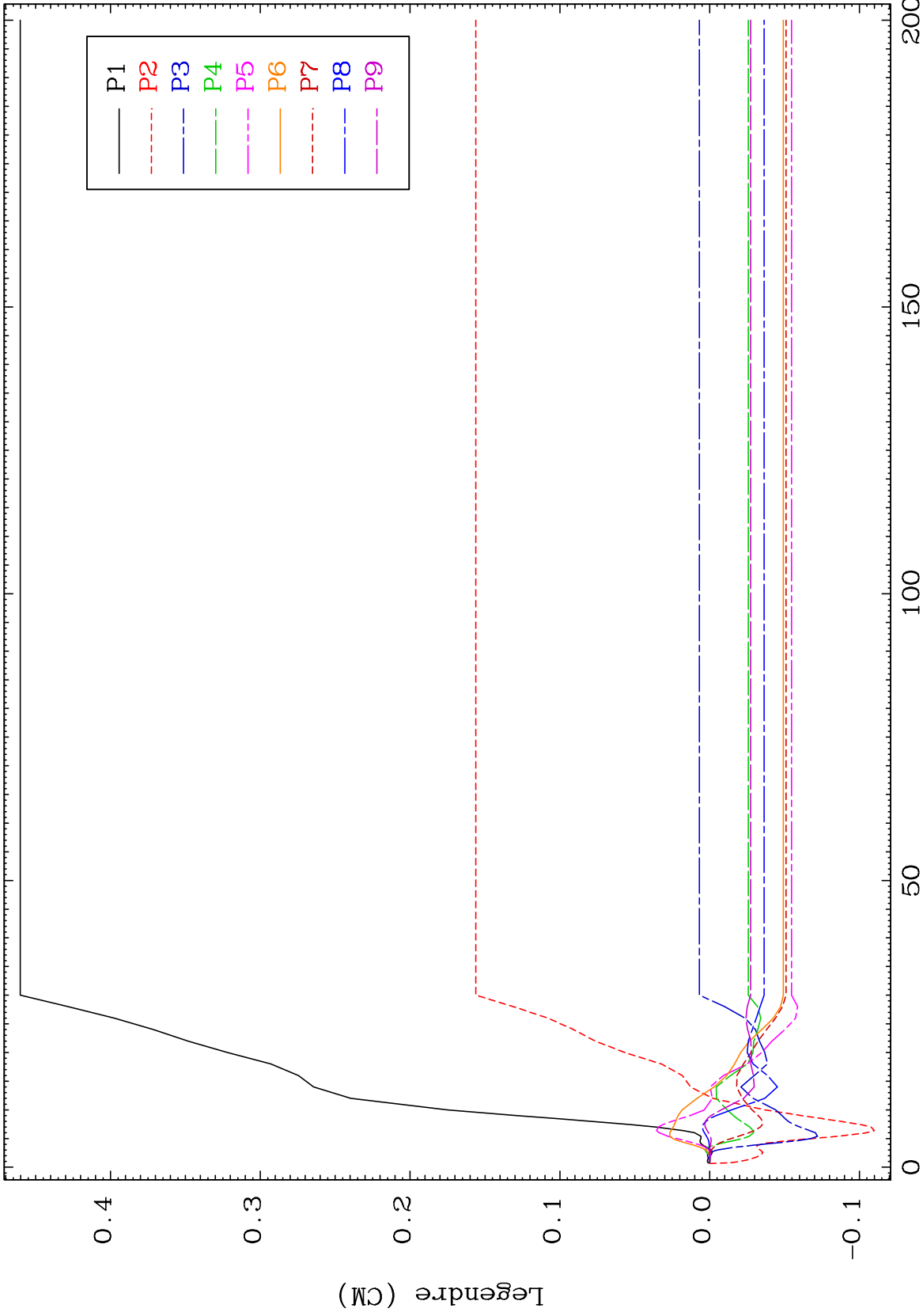
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



79

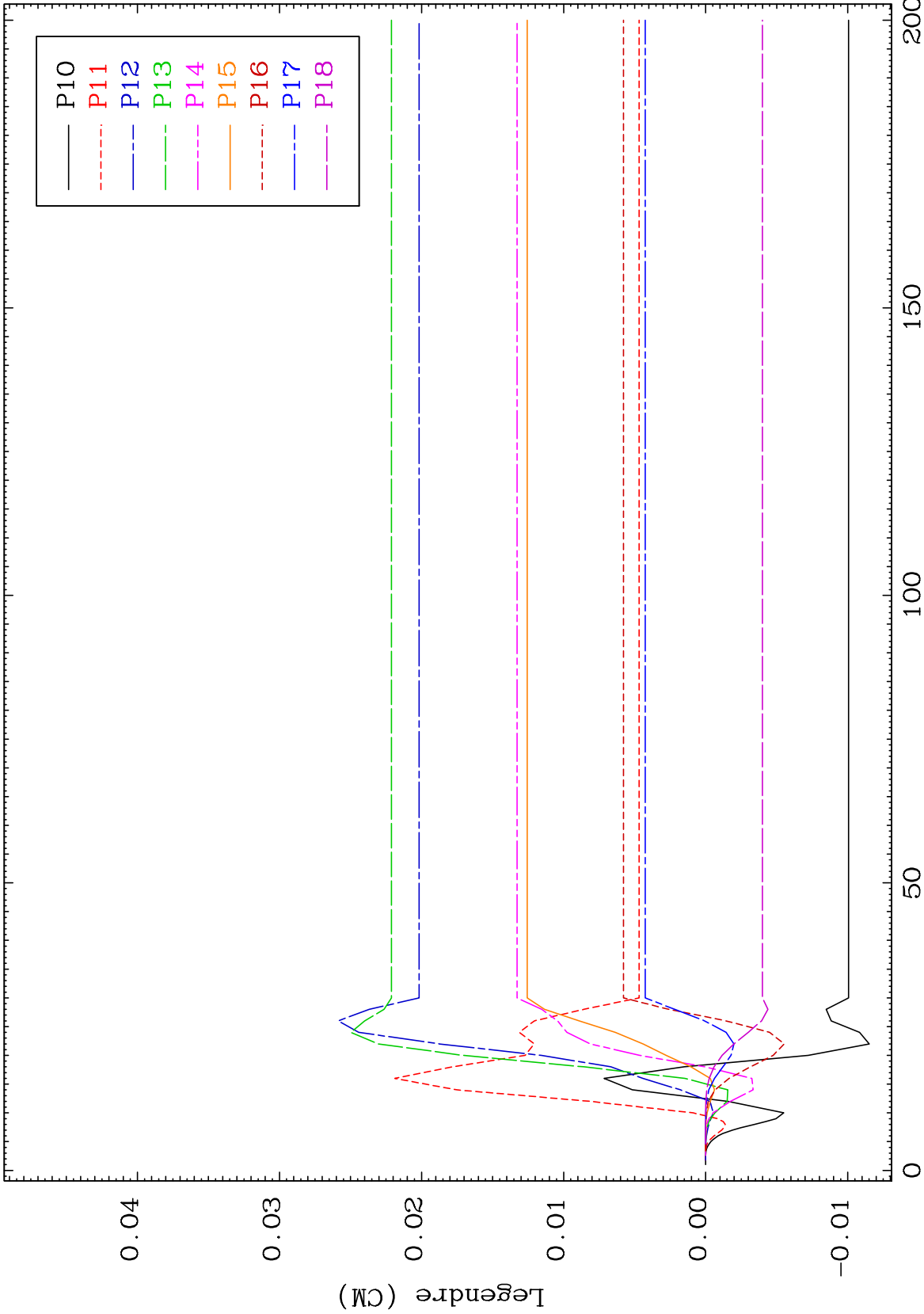
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



80

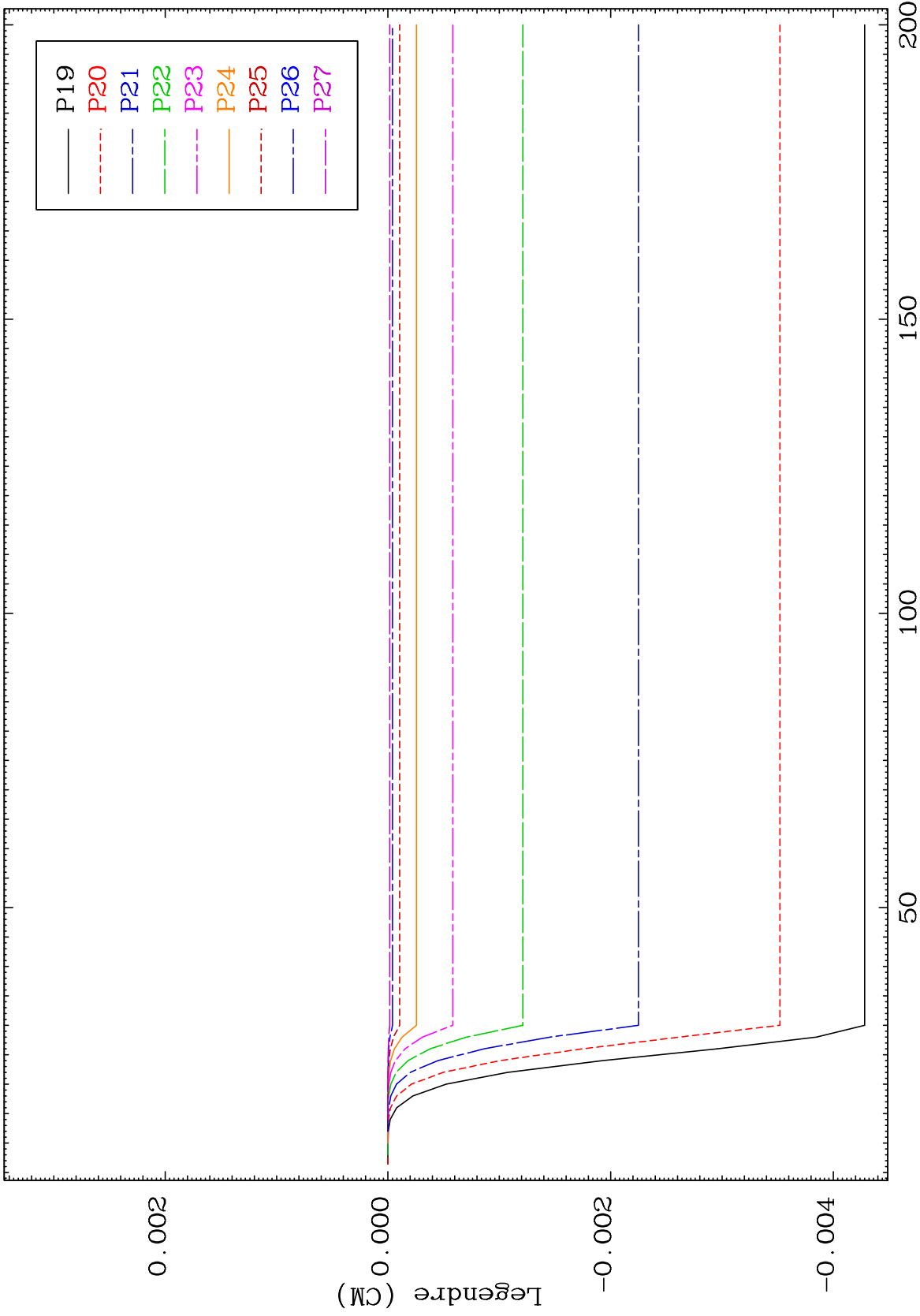
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



81

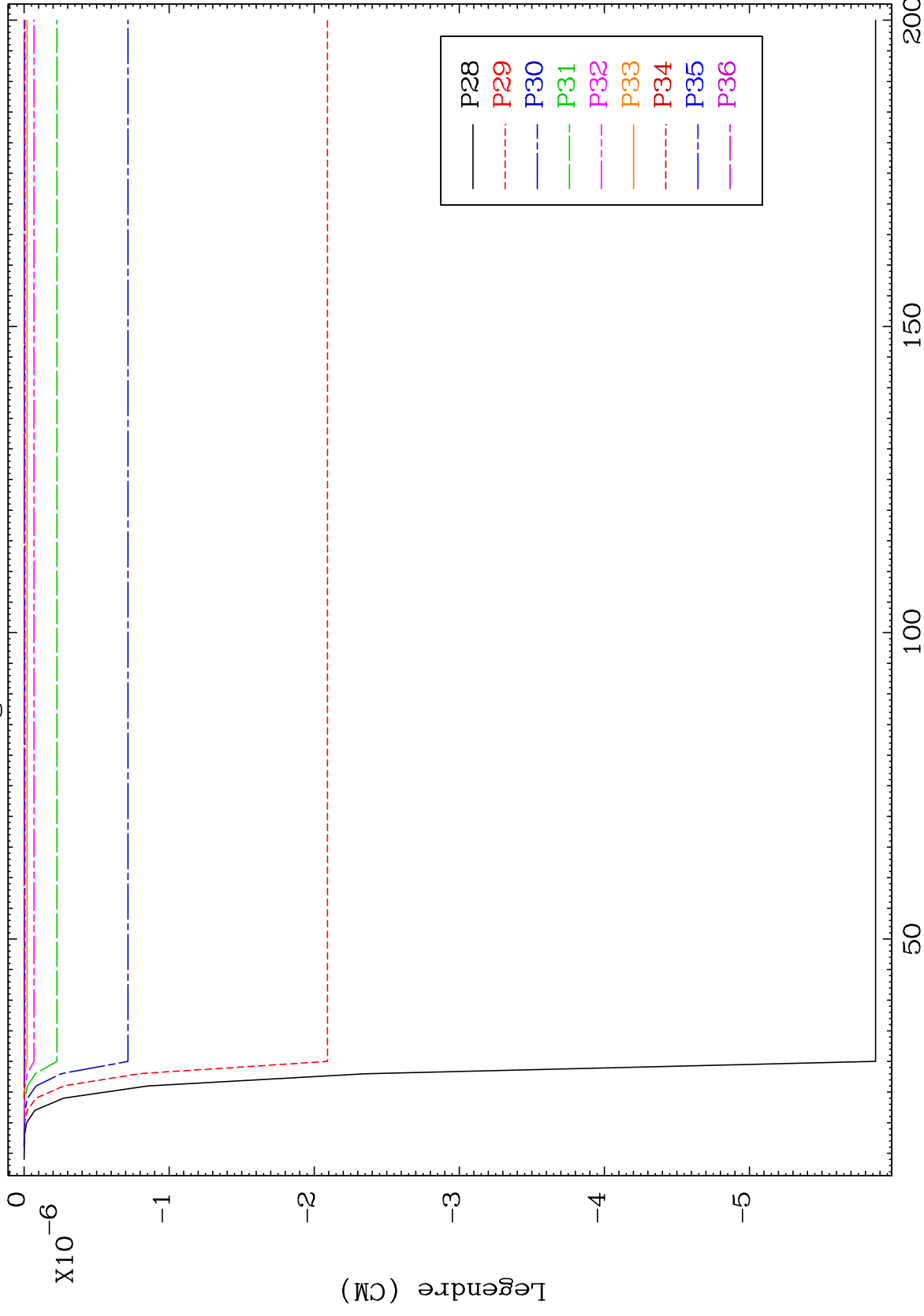
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



56-Ba-145

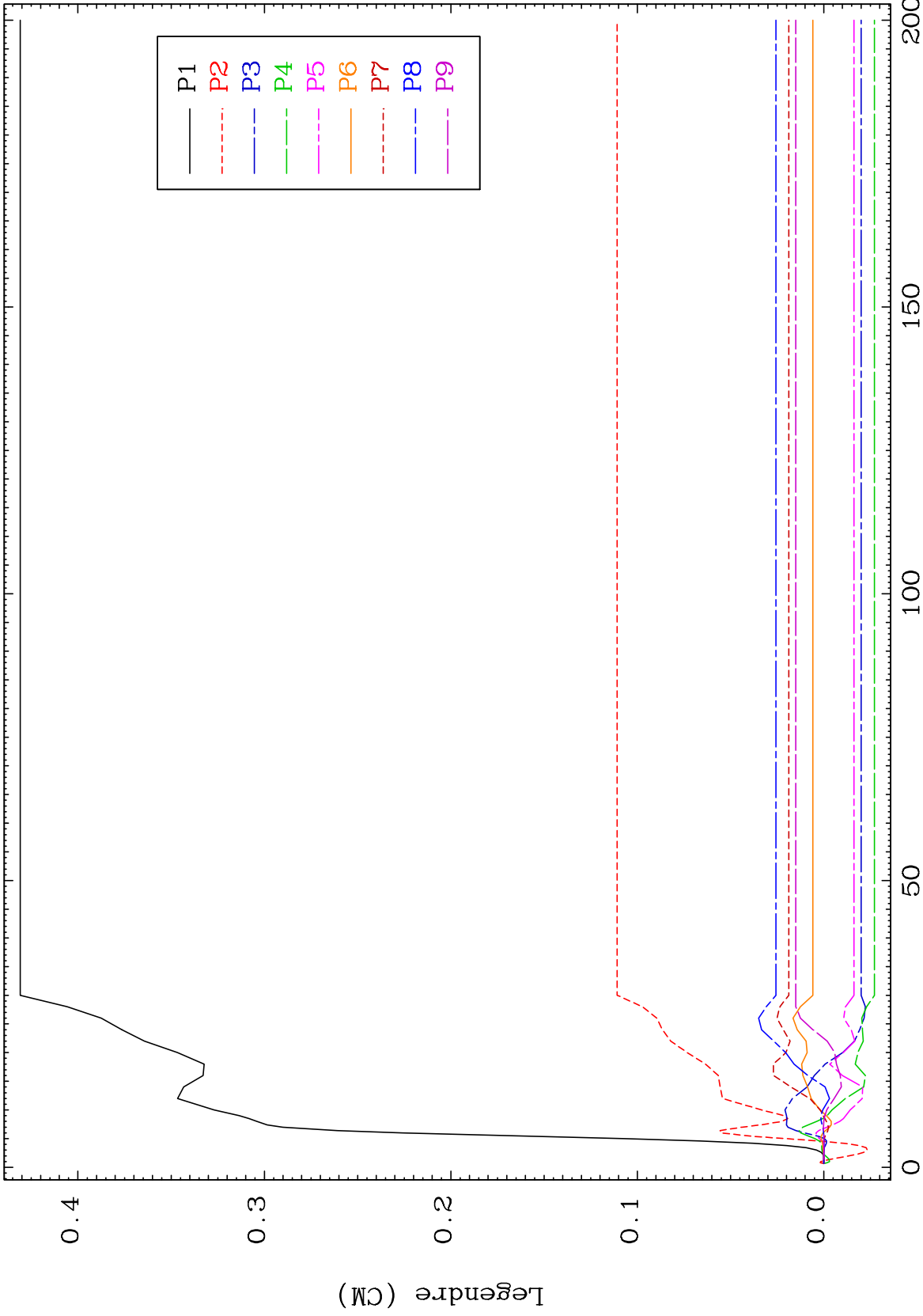
Incident Energy (MeV)

82

MAT 5670

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

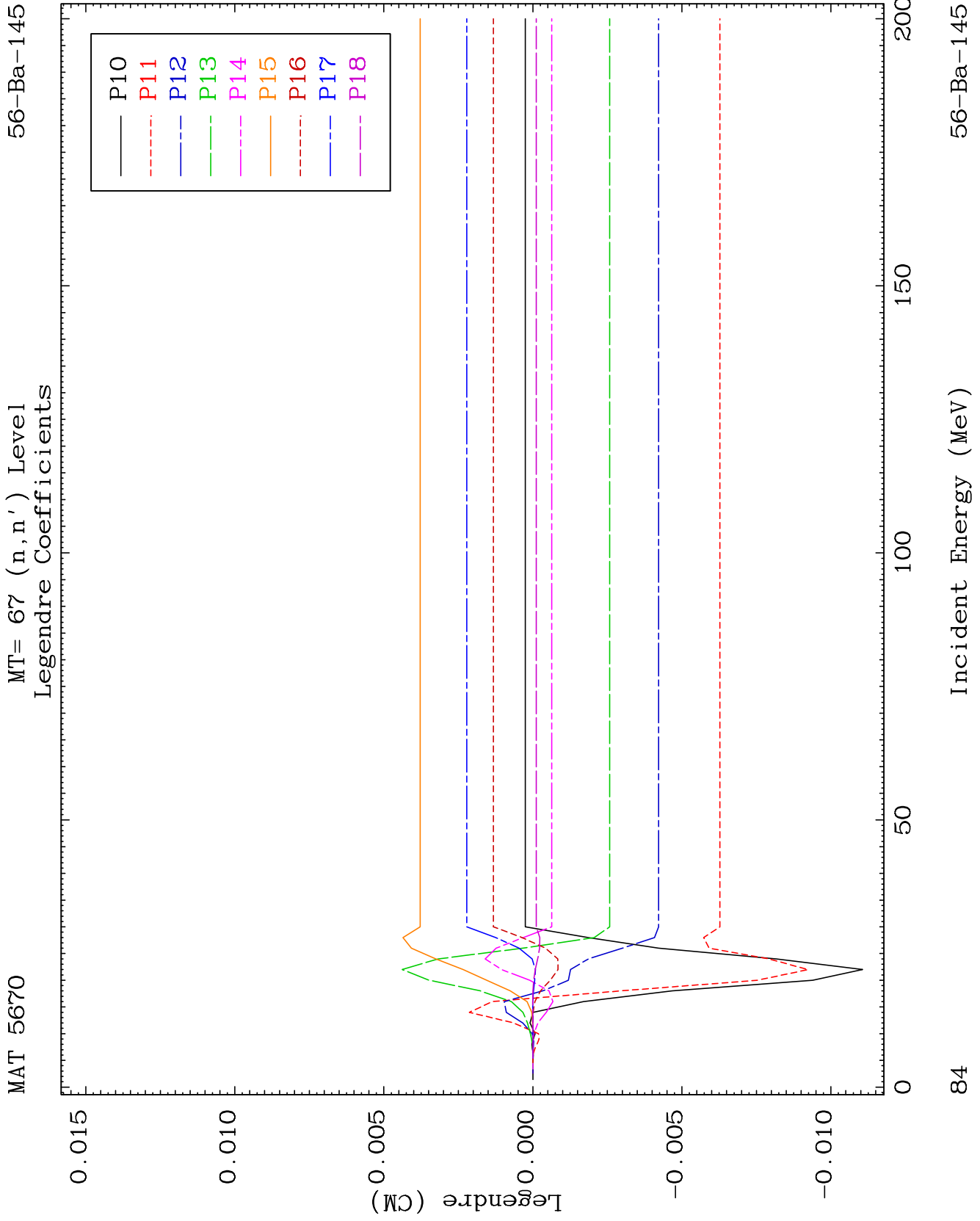
56-Ba-145



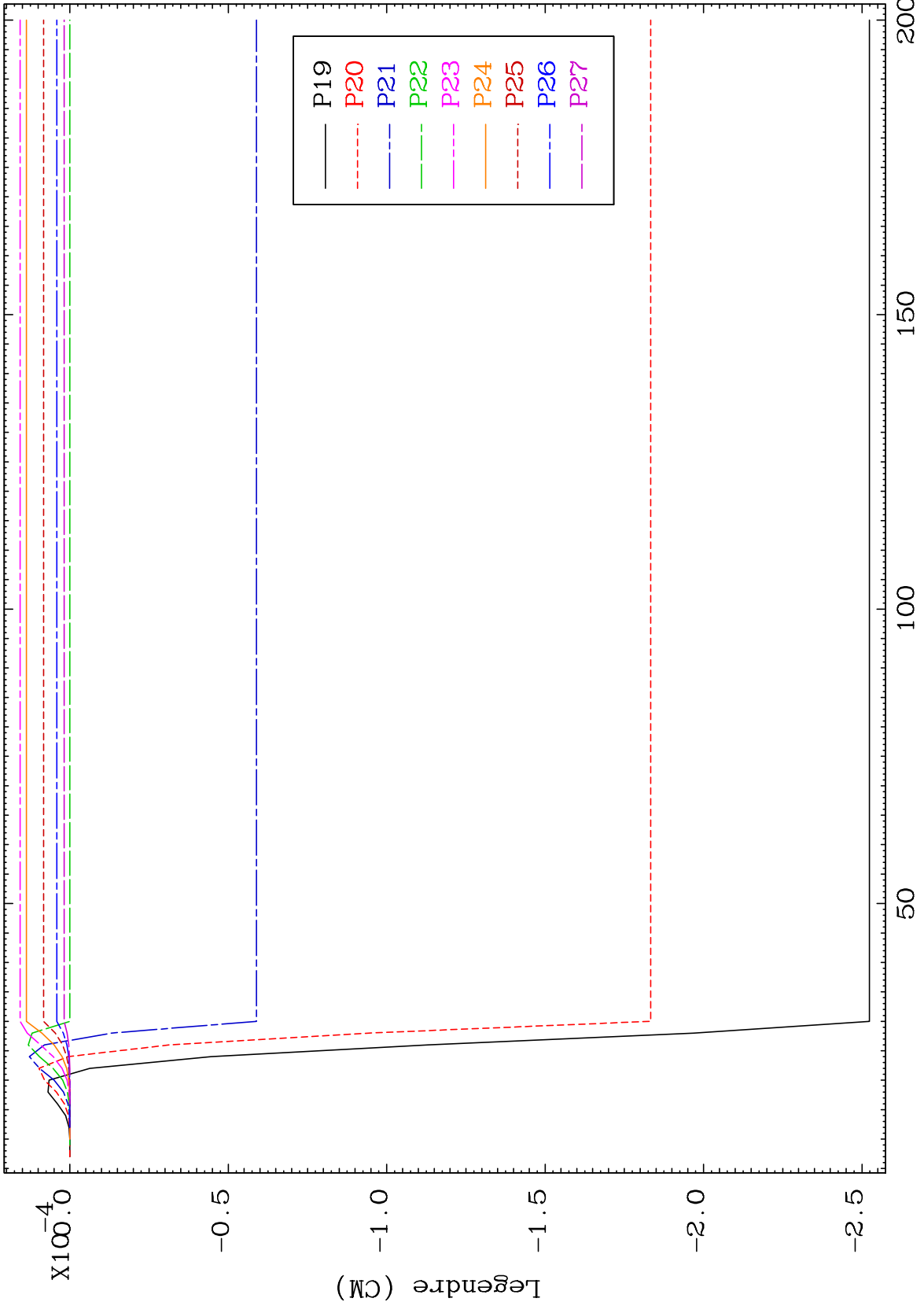
83

Incident Energy (MeV)

56-Ba-145



MAT 5670 MT= 67 (n,n') Level Legendre Coefficients 56-Ba-145



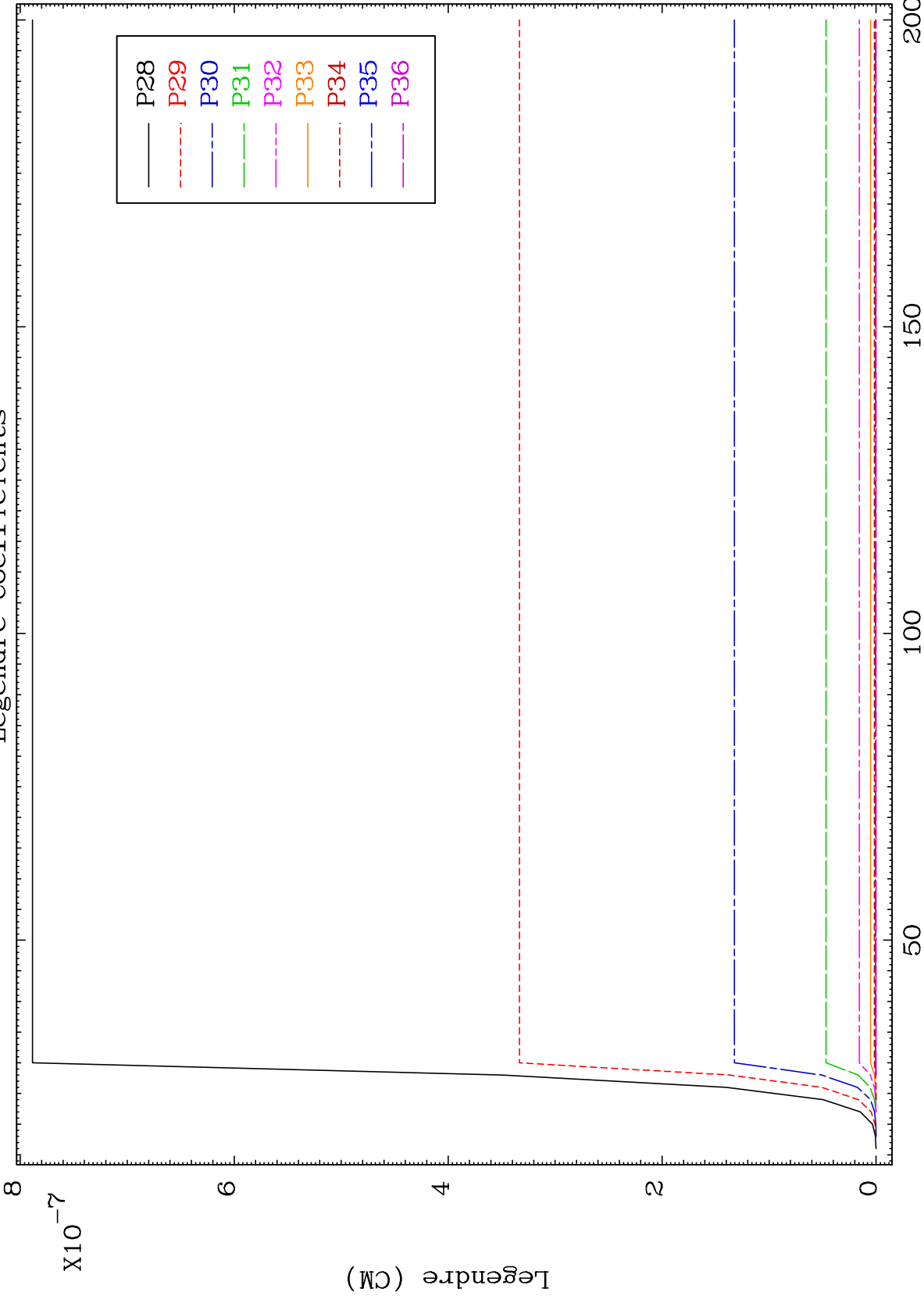
85 56-Ba-145

MAT 5670 MT= 67 (n,n') Level Legendre Coefficients

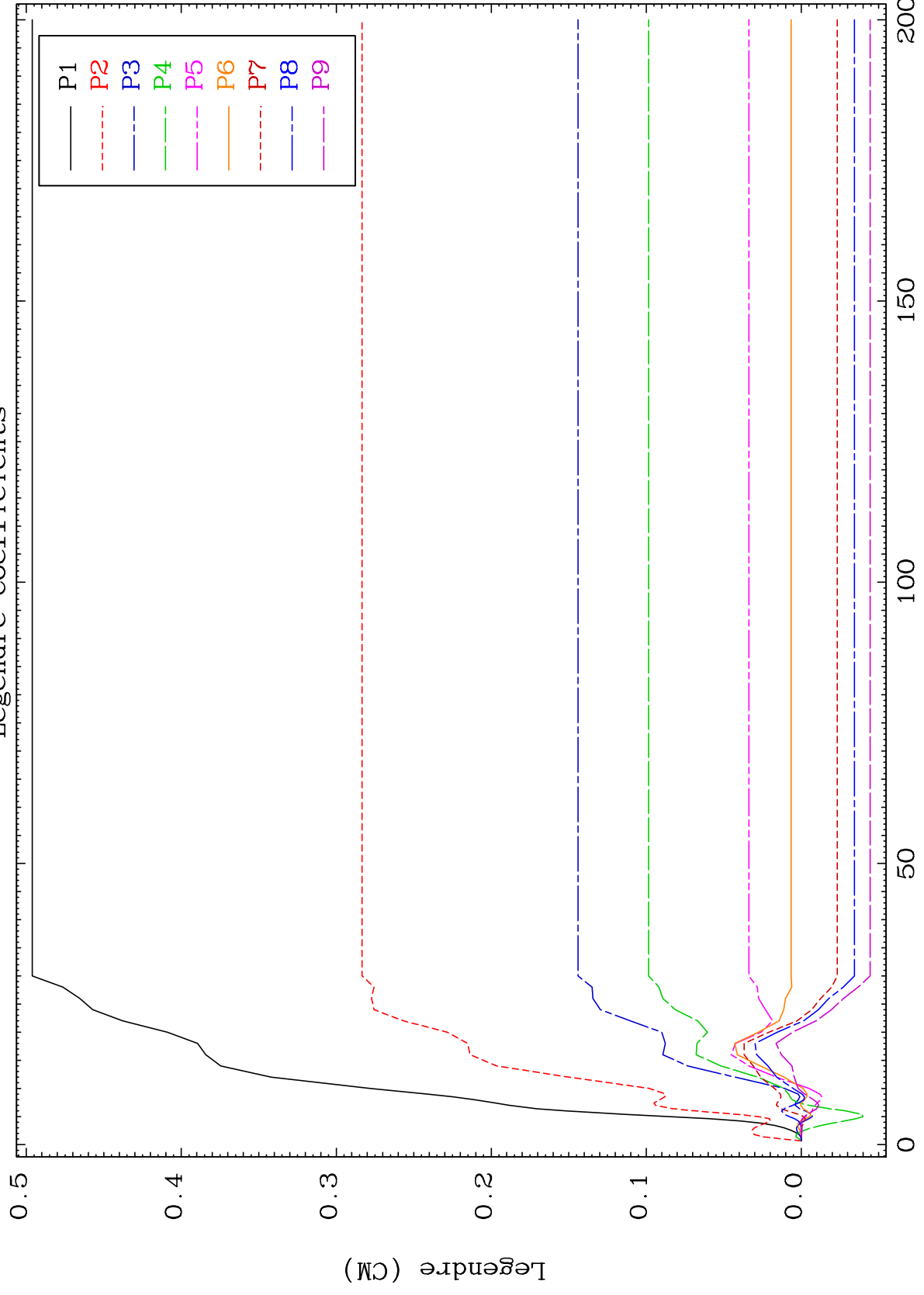
56-Ba-145

56-Ba-145

86 Incident Energy (MeV)



MAT 5670 MT= 68 (n,n') Level Legendre Coefficients 56-Ba-145

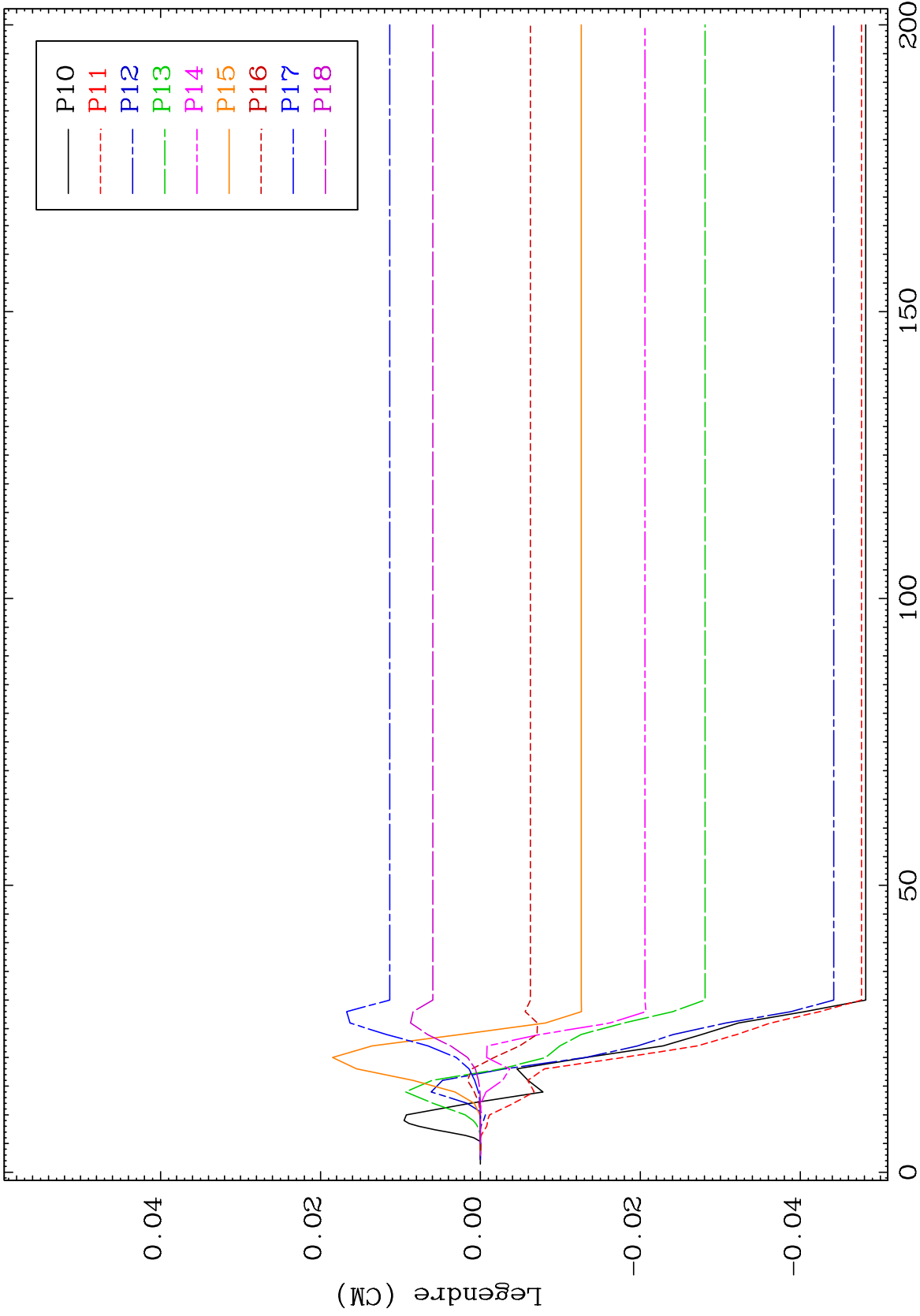


87 56-Ba-145

MAT 5670

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

56-Ba-145



88

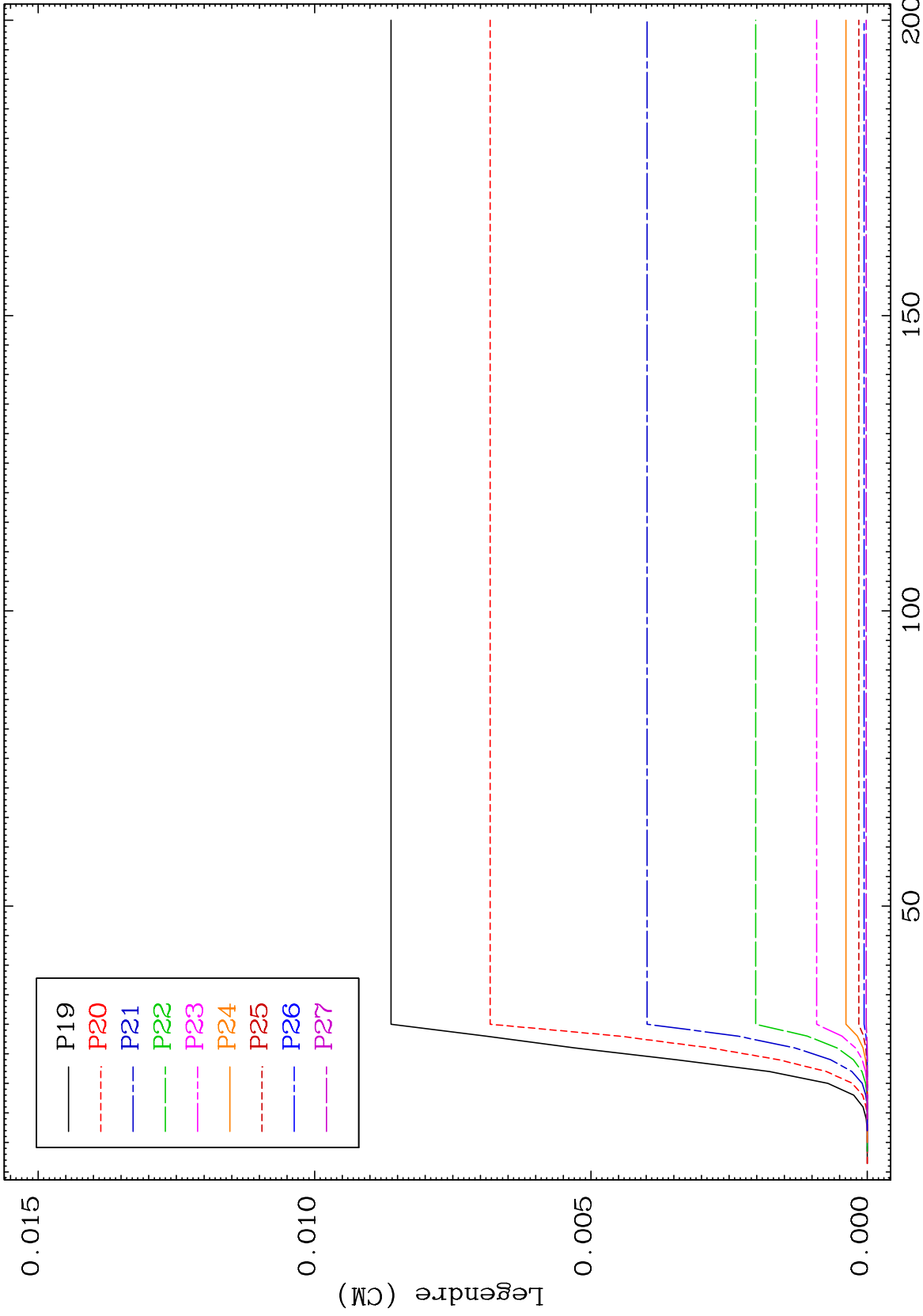
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



89

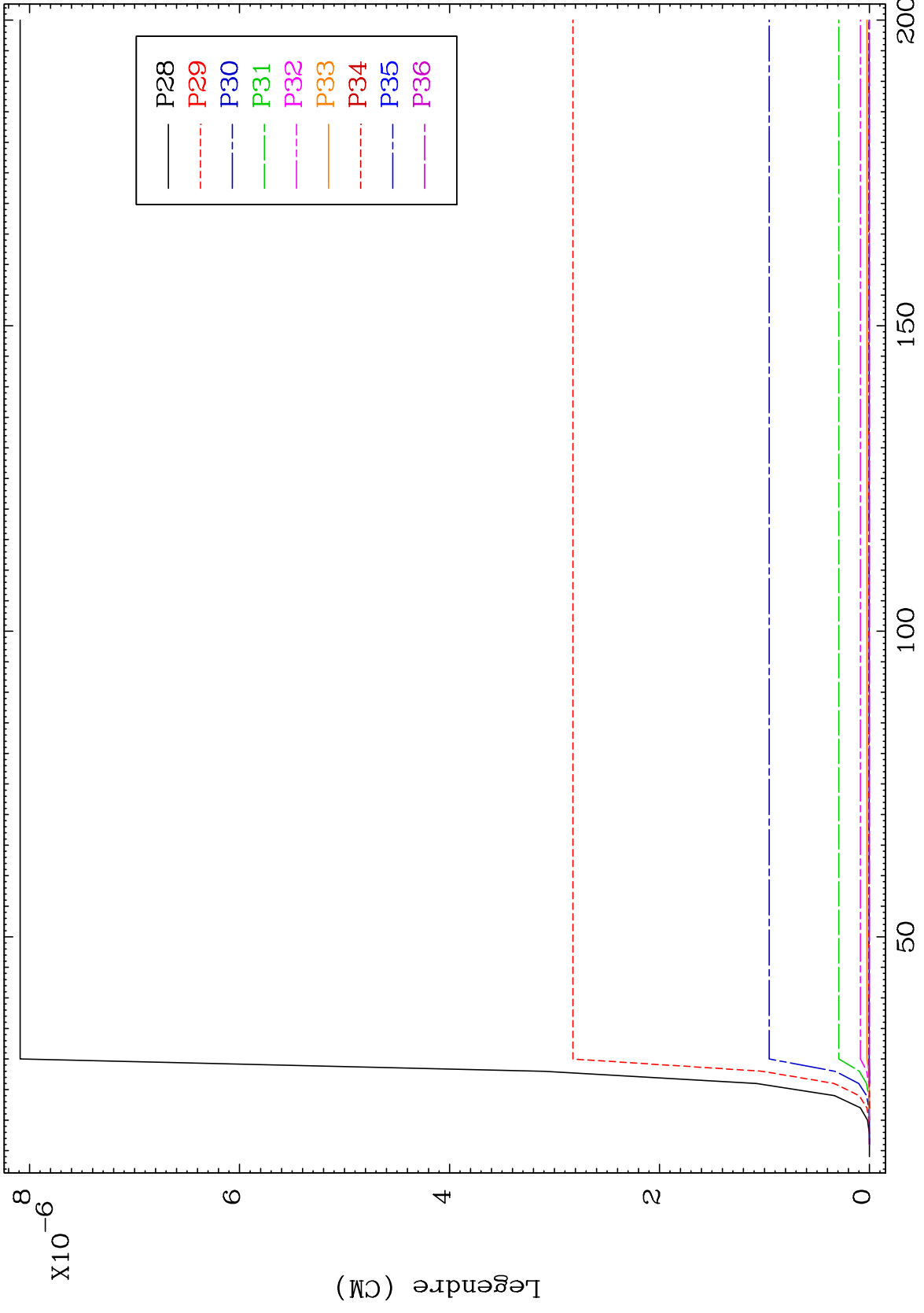
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



90

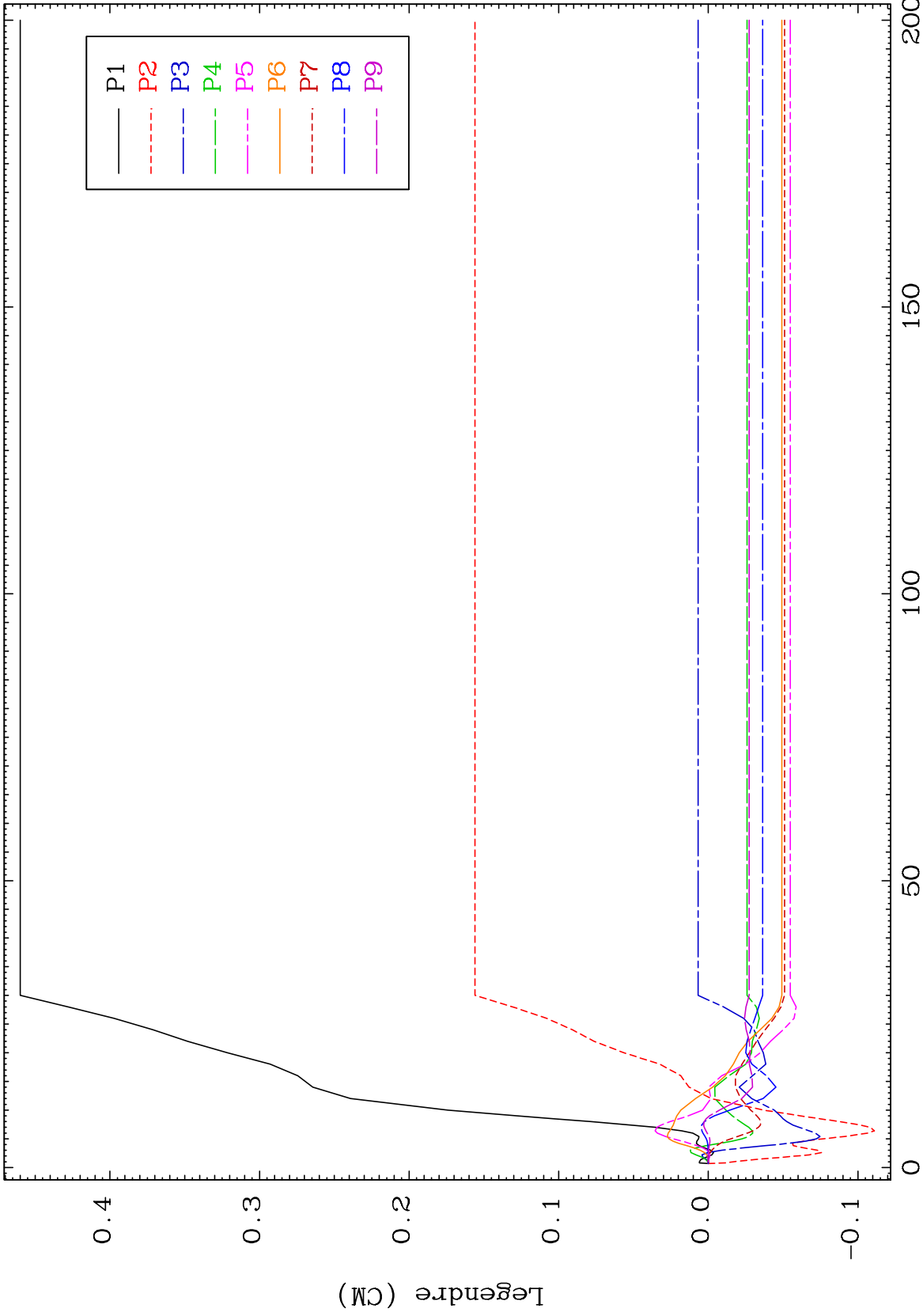
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



91

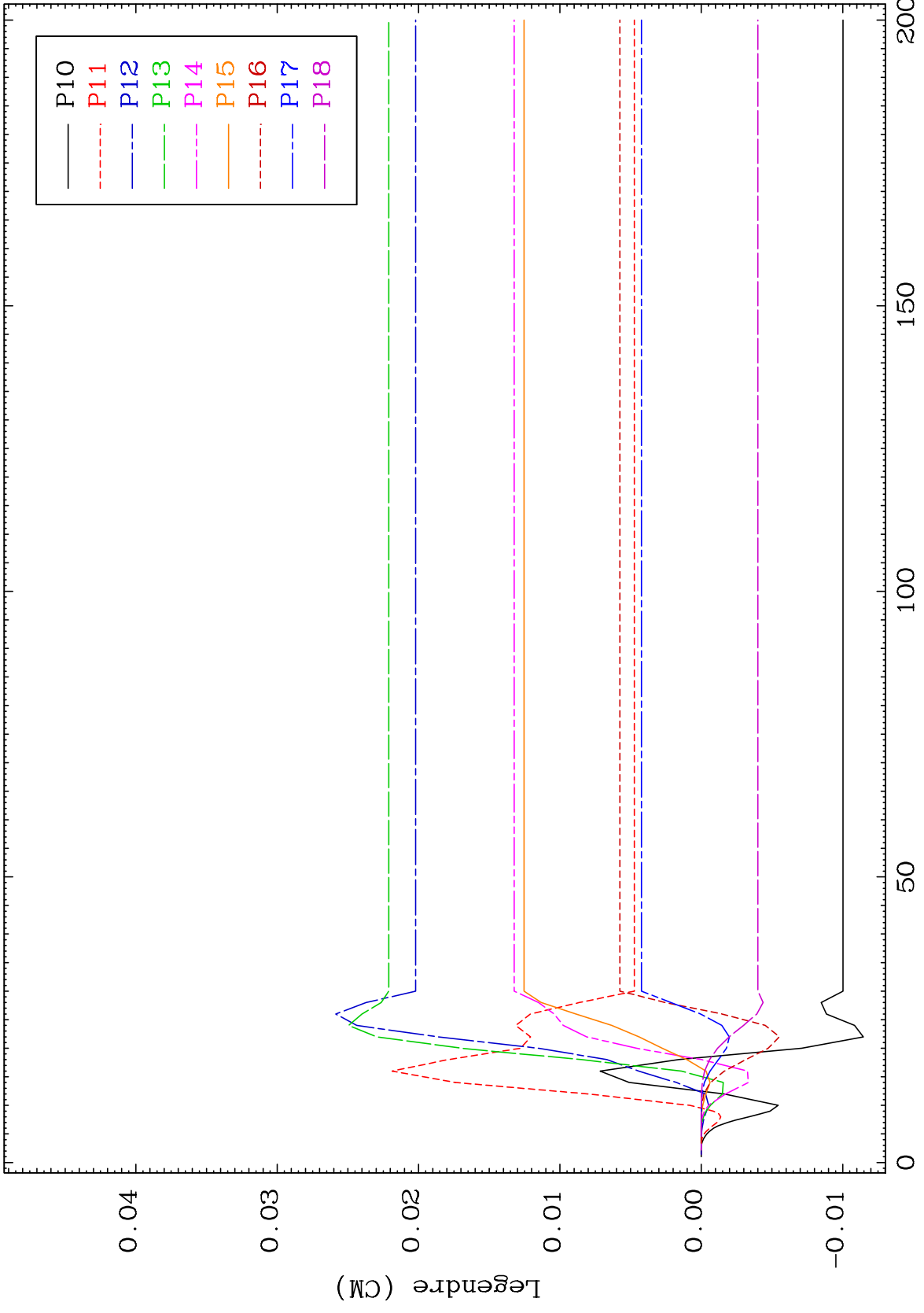
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



92

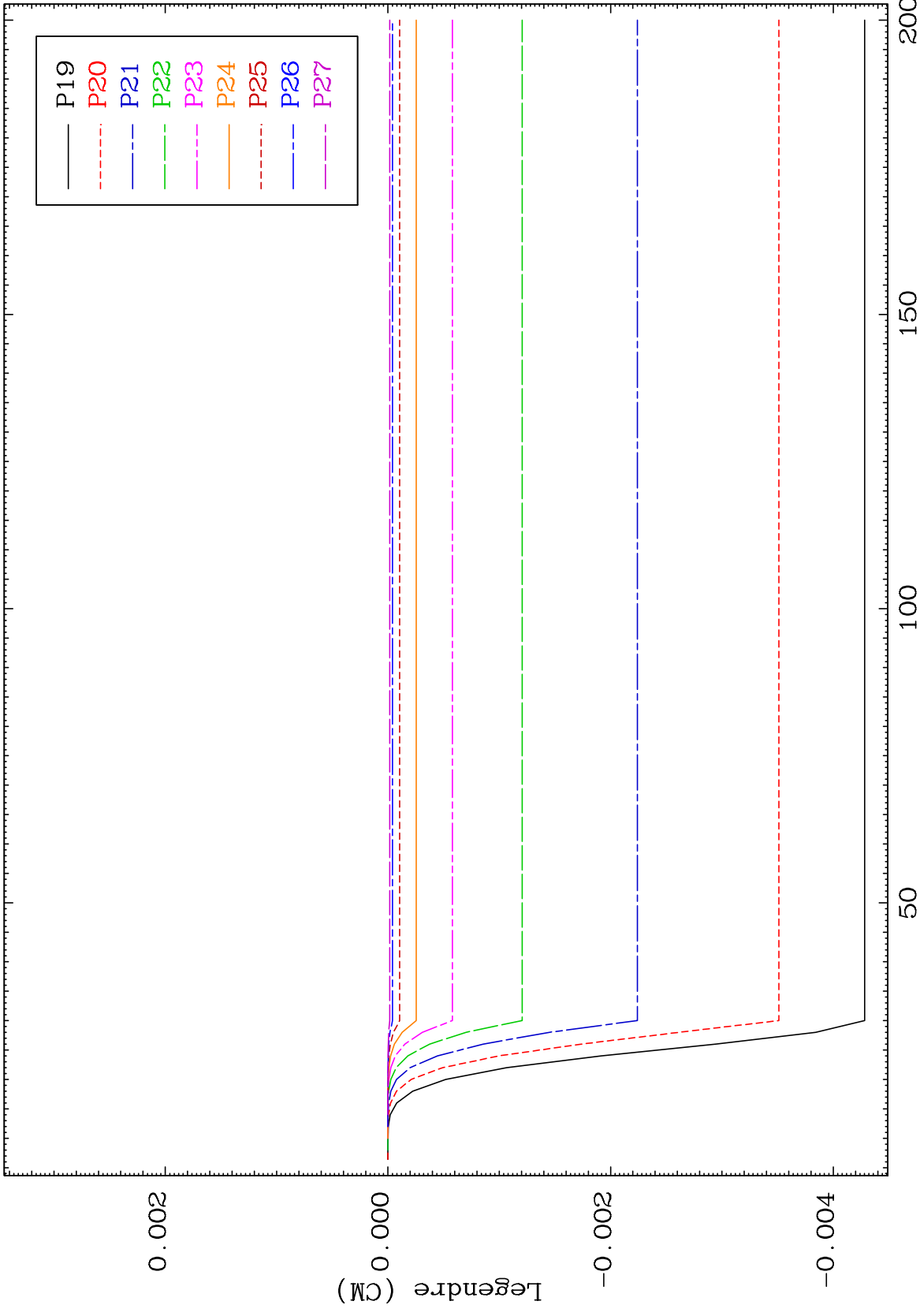
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



93

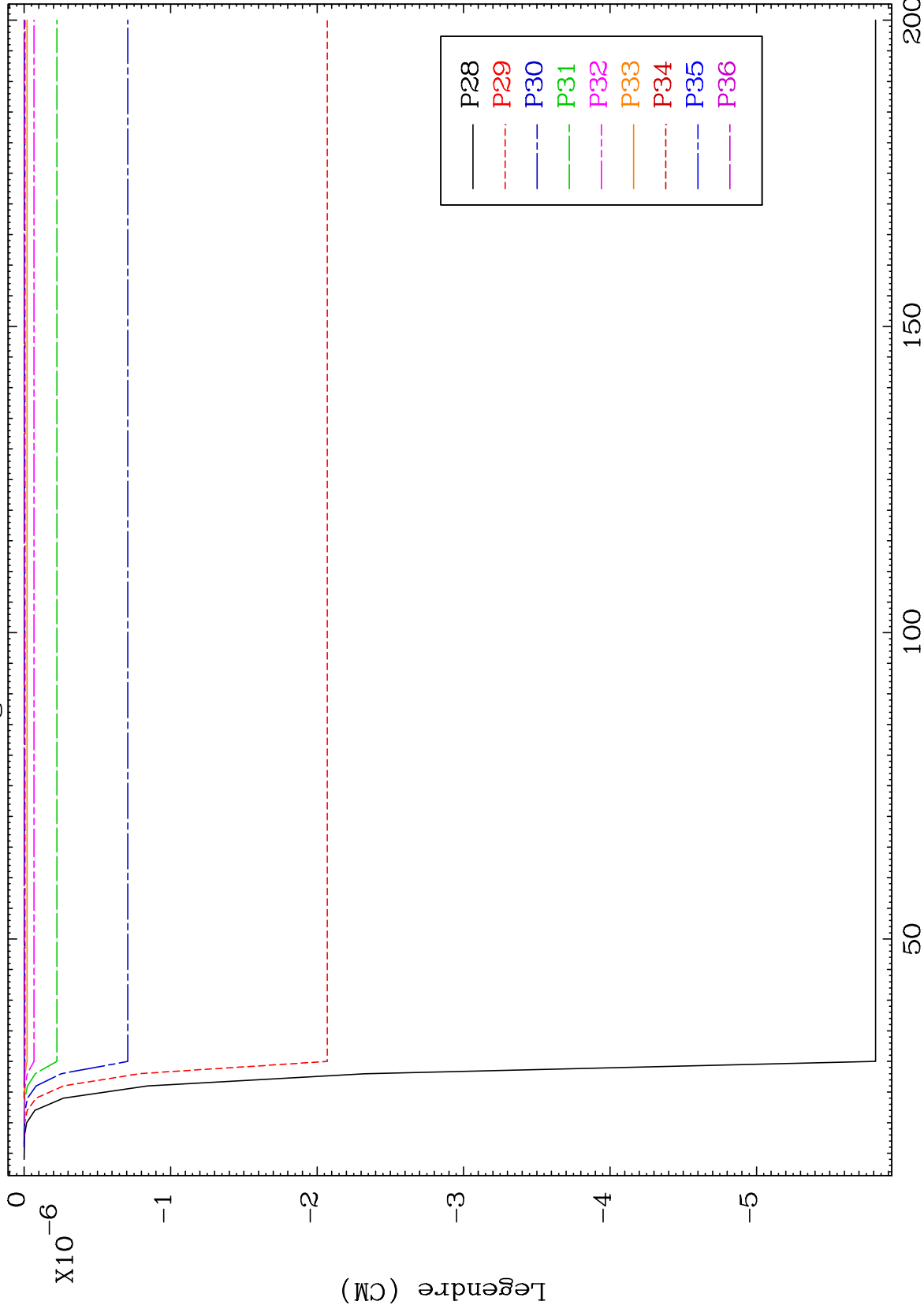
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145

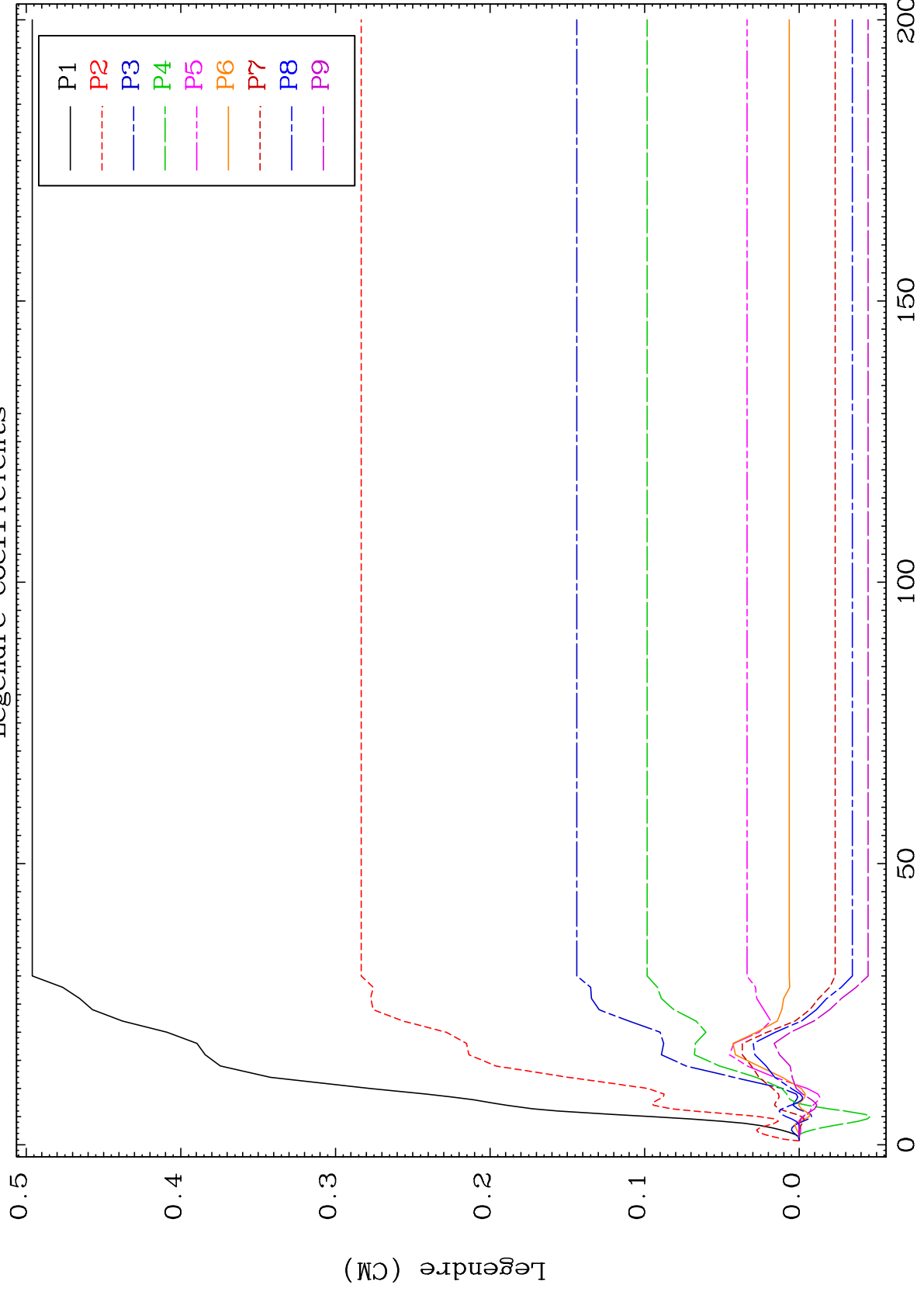


56-Ba-145

Incident Energy (MeV)

94

MAT 5670 MT= 70 (n,n') Level Legendre Coefficients 56-Ba-145

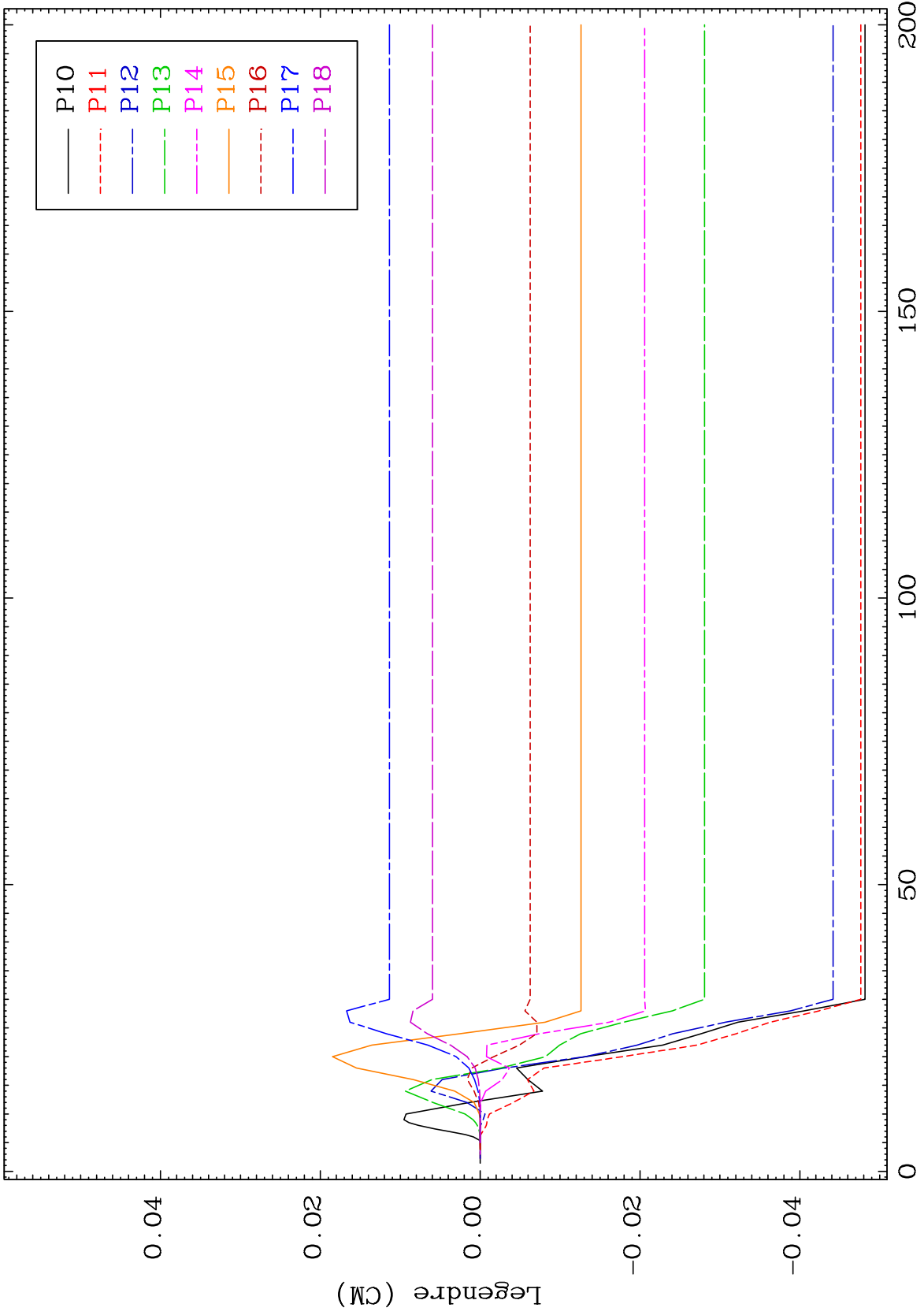


95 Incident Energy (MeV) 56-Ba-145

MAT 5670

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

56-Ba-145



96

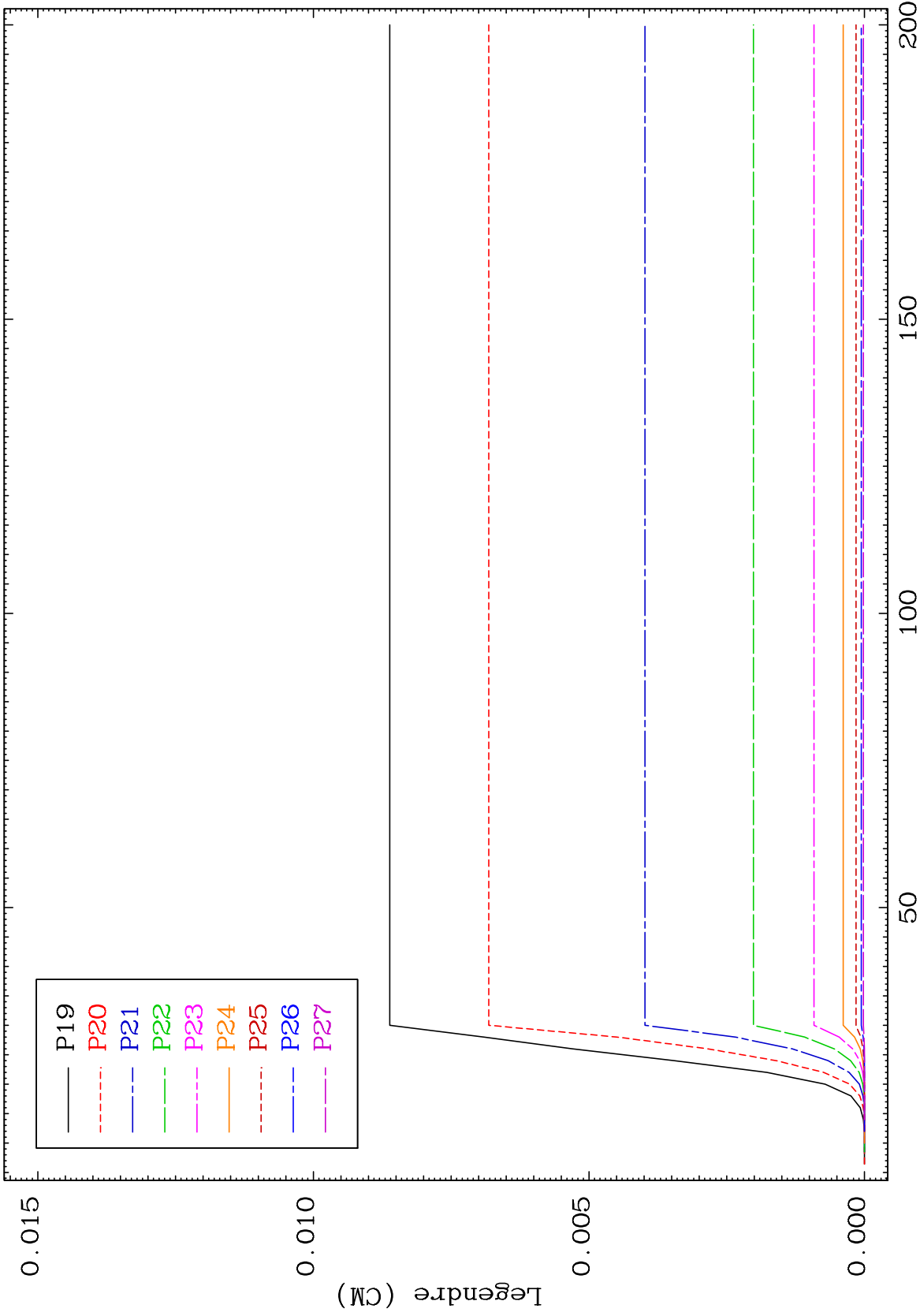
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



97

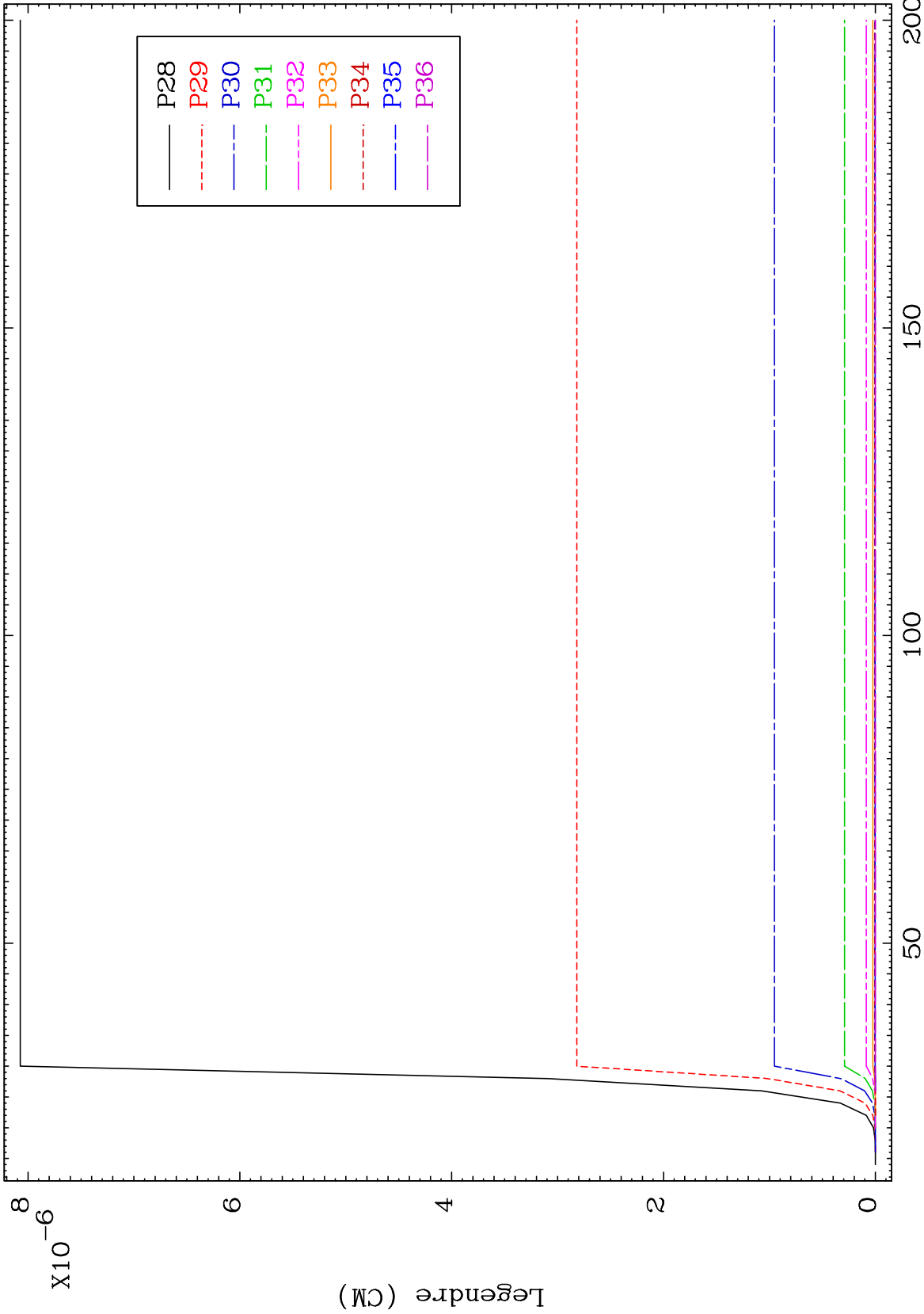
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

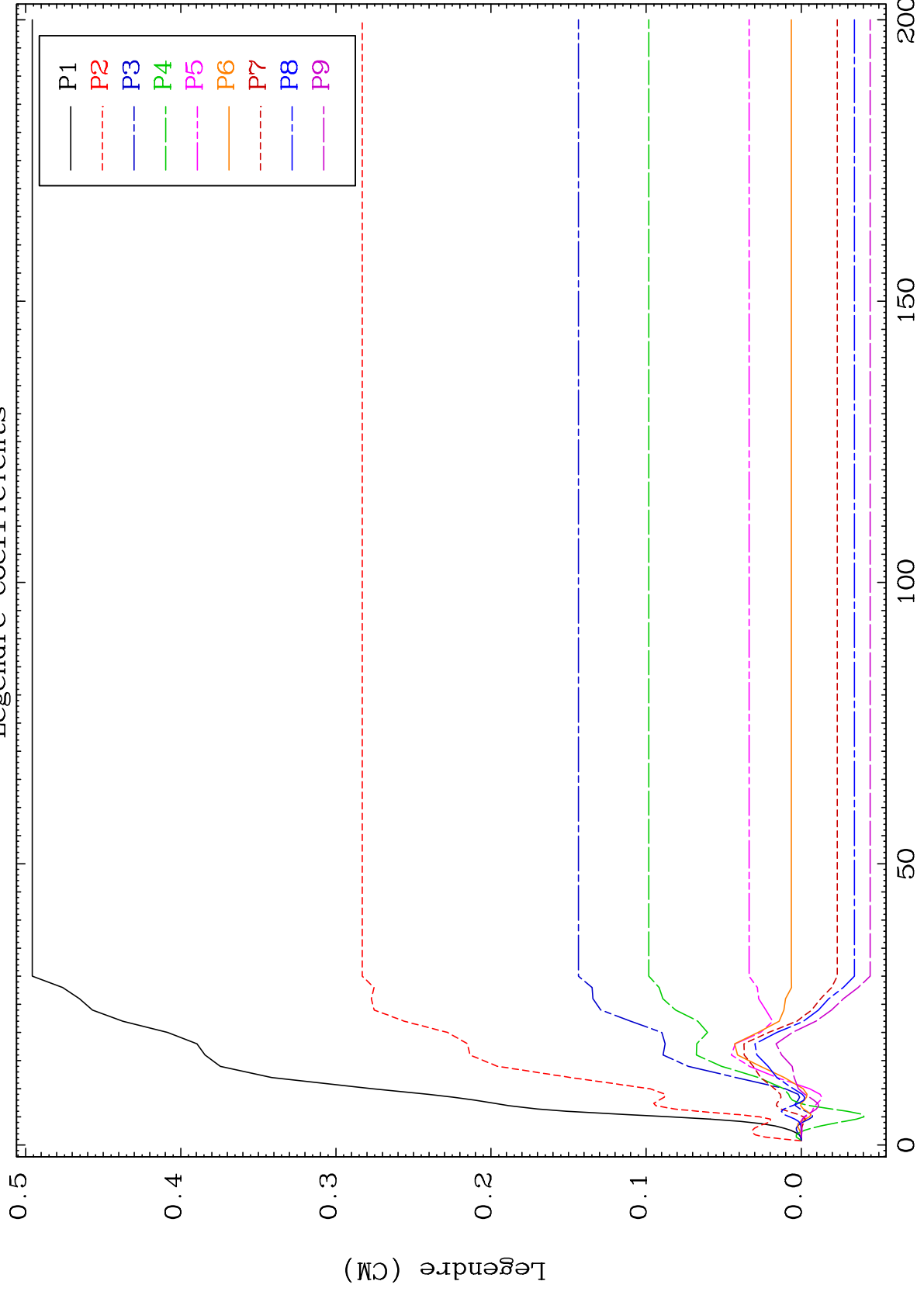
56-Ba-145



98

56-Ba-145

MAT 5670 MT= 71 (n,n') Level Legendre Coefficients 56-Ba-145

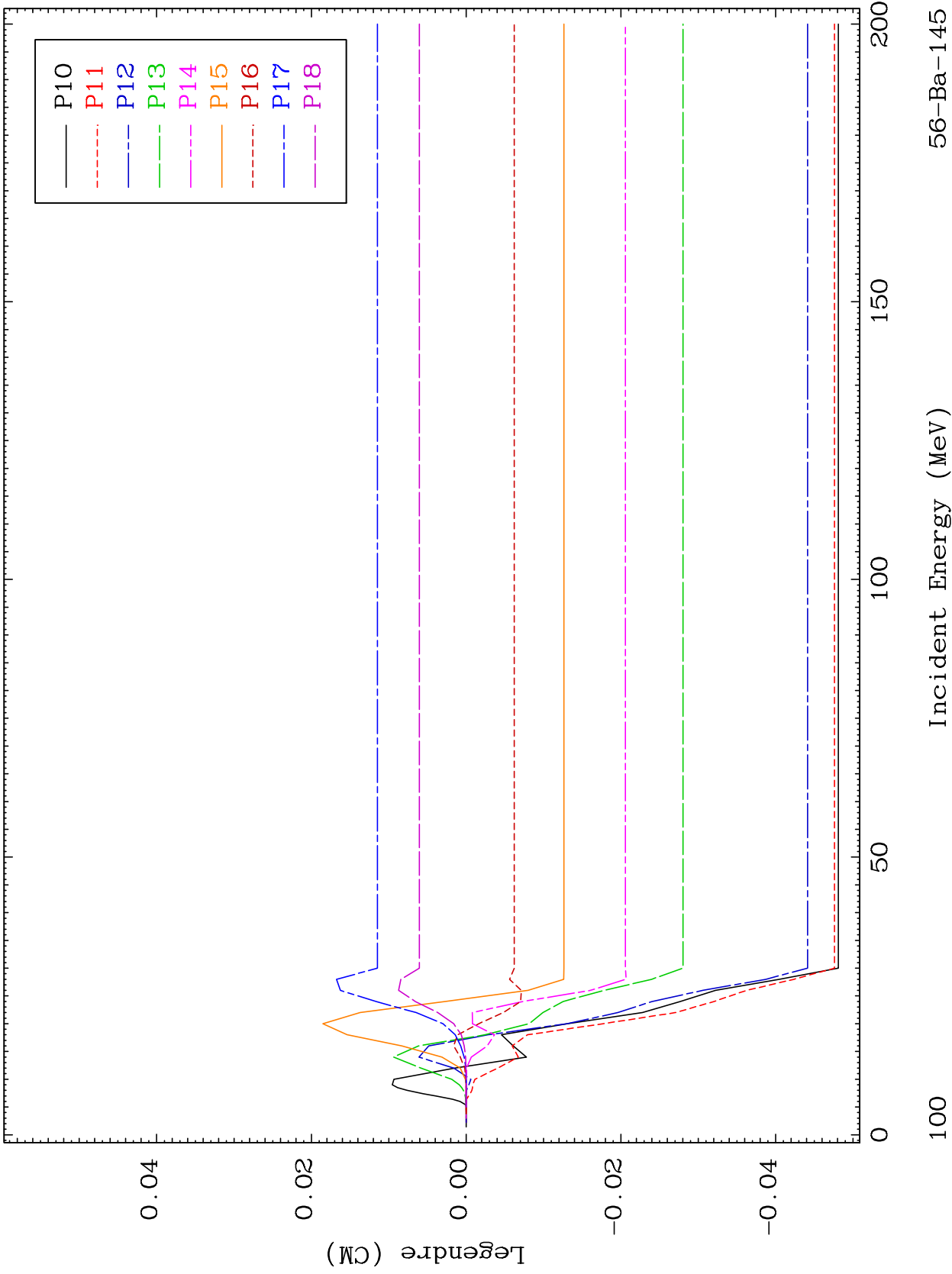


99 56-Ba-145

MAT 5670

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

56-Ba-145

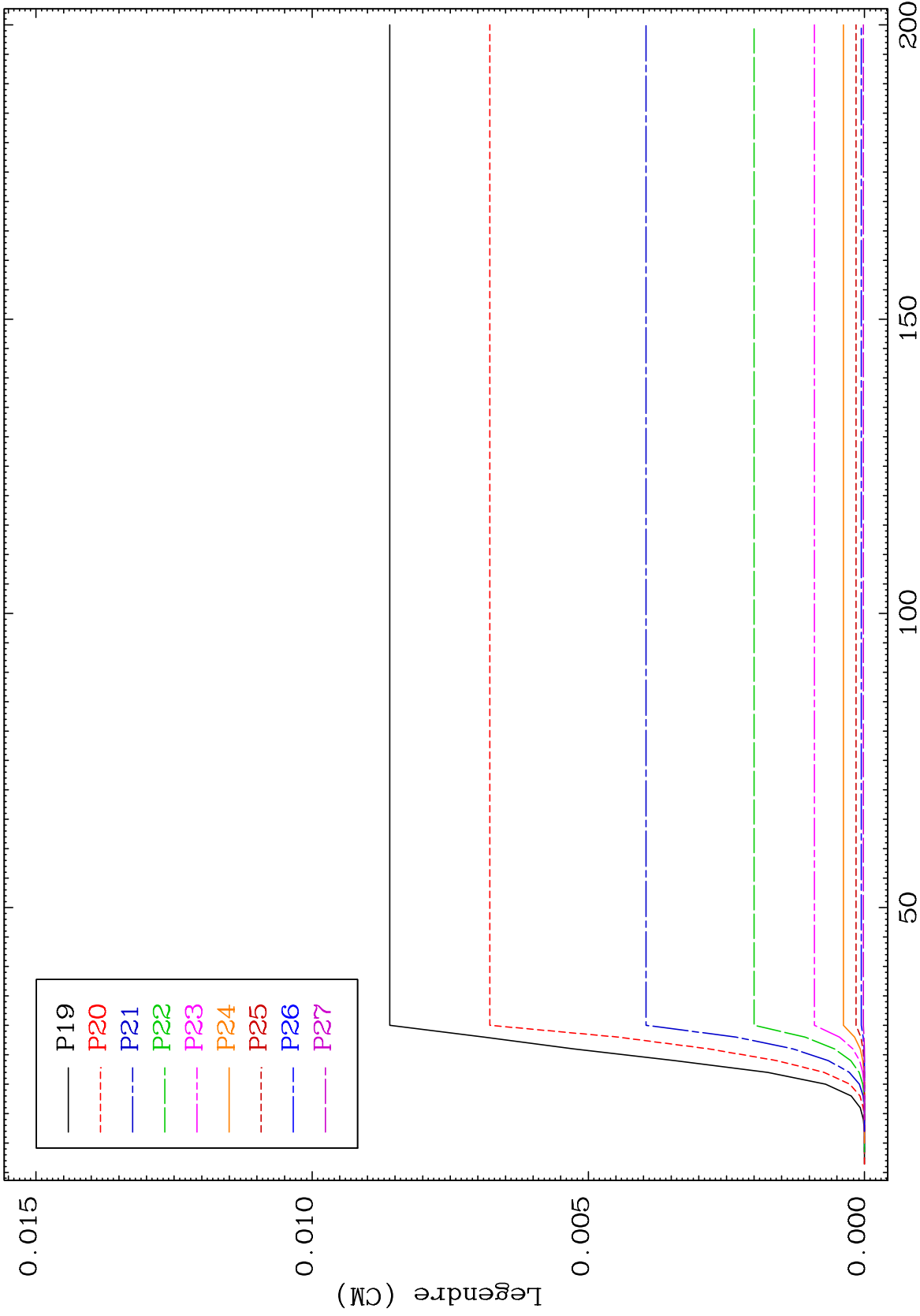


56-Ba-145

MAT 5670

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

56-Ba-145



101

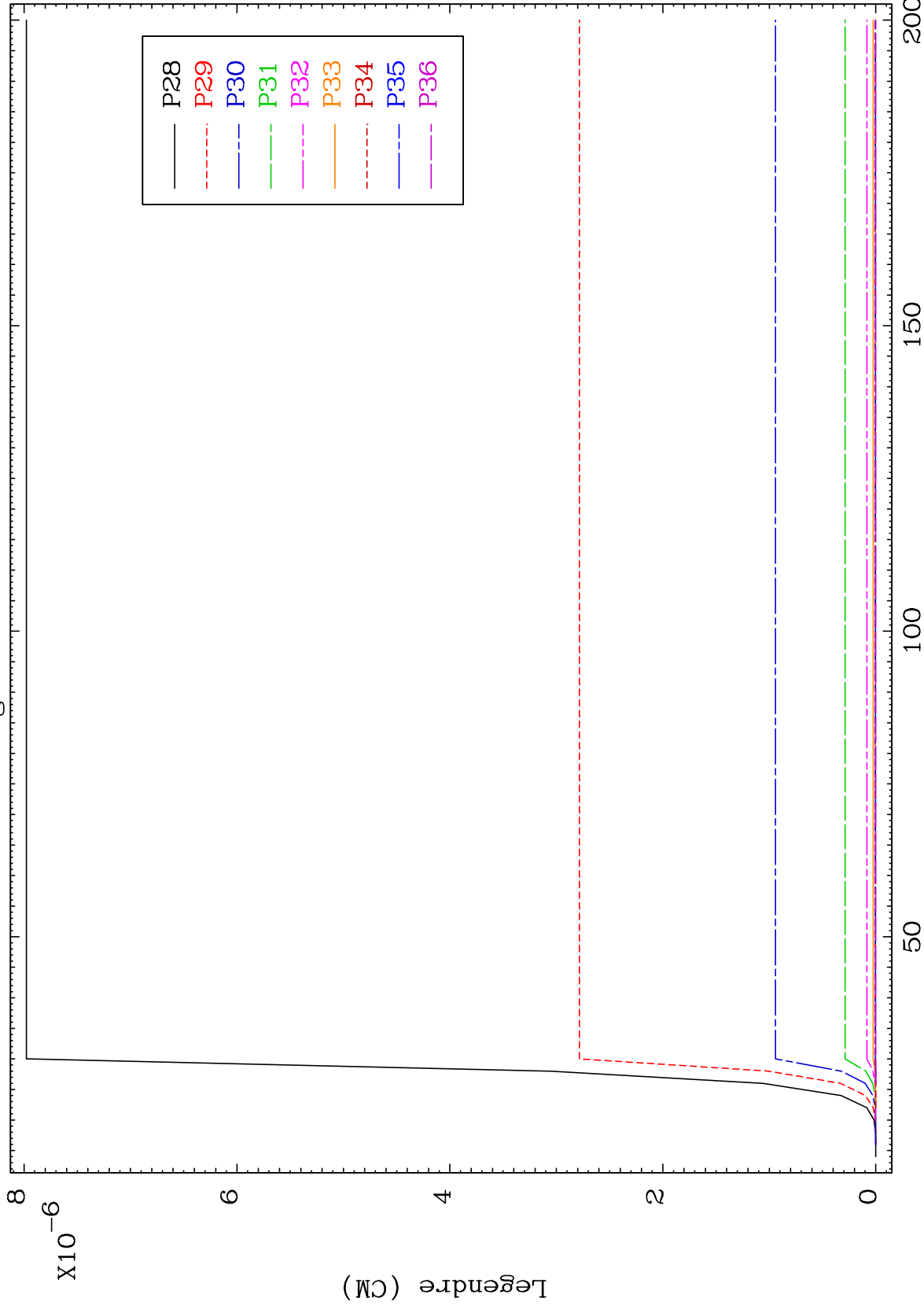
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



102

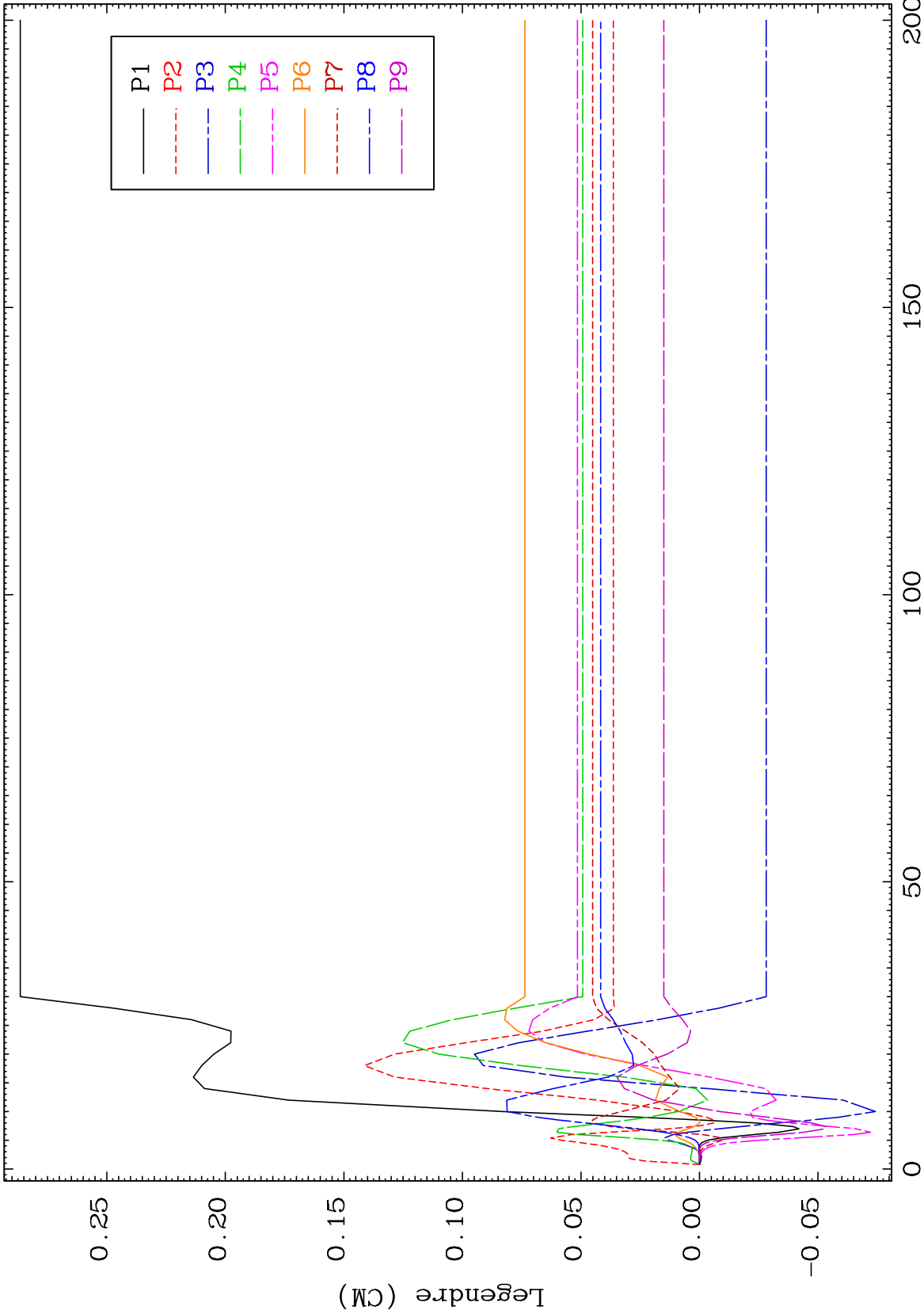
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



56-Ba-145

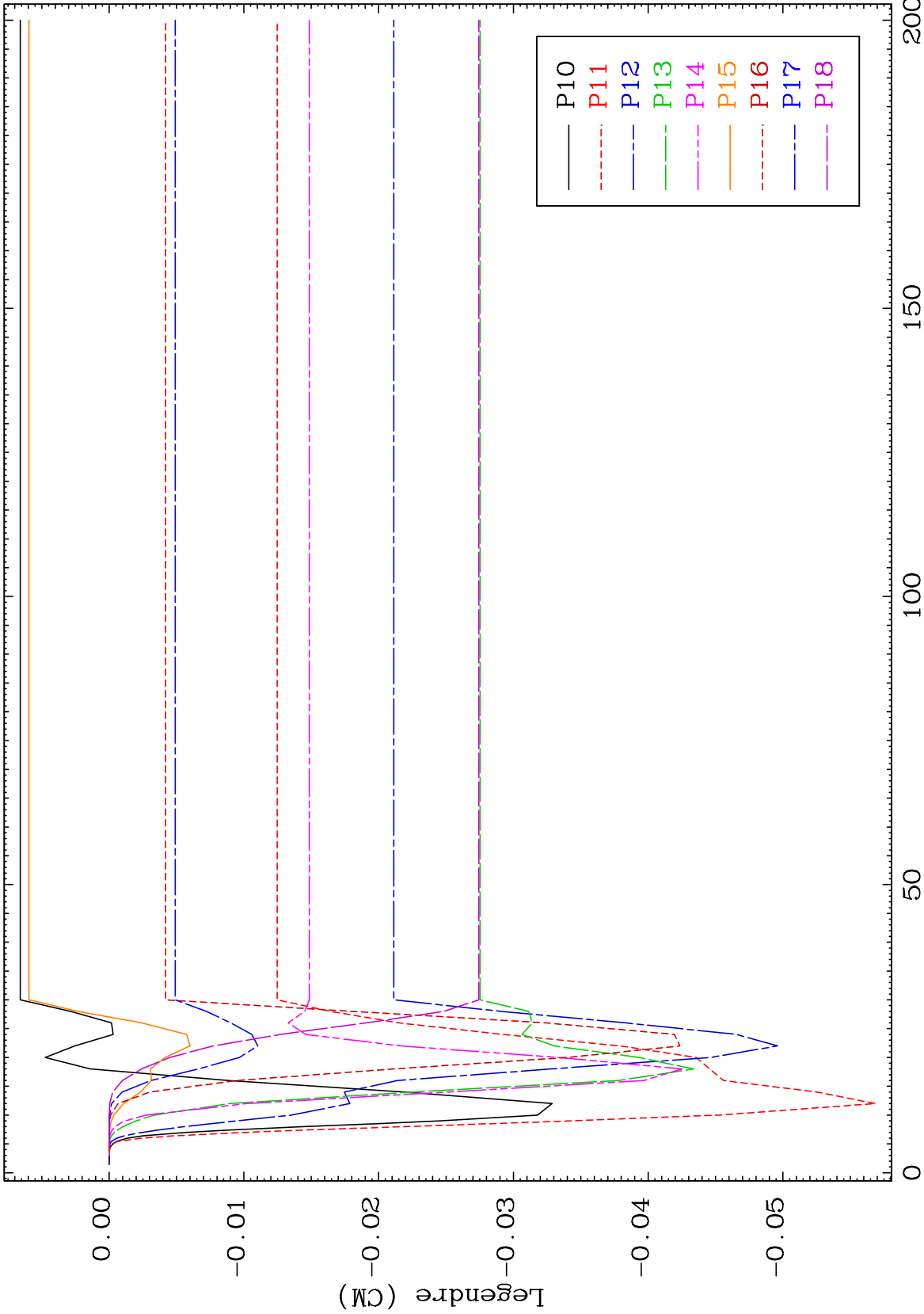
Incident Energy (MeV)

103

MAT 5670

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

56-Ba-145

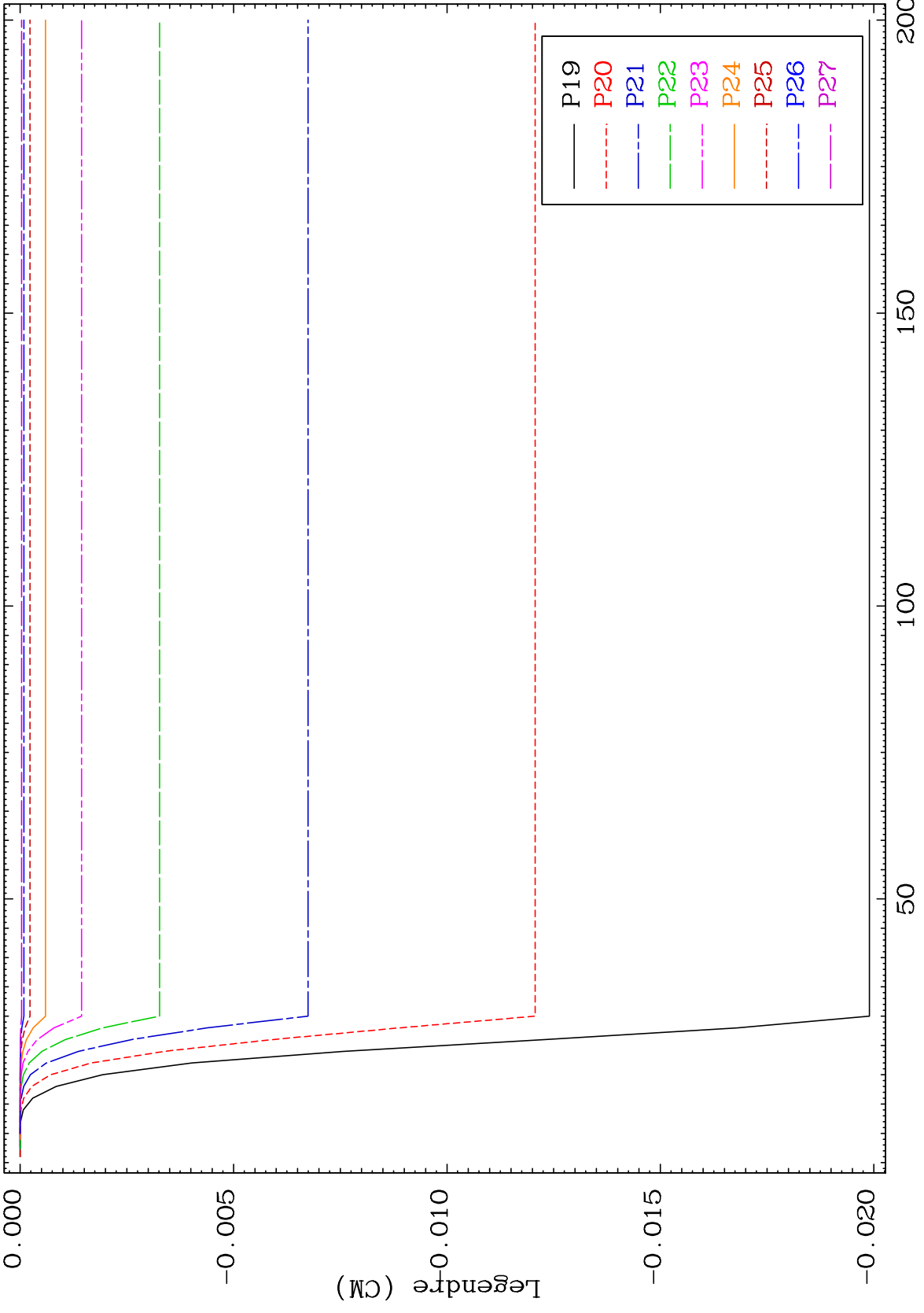


104

Incident Energy (MeV)

56-Ba-145

MAT 5670 MT= 72 (n,n') Level Legendre Coefficients 56-Ba-145

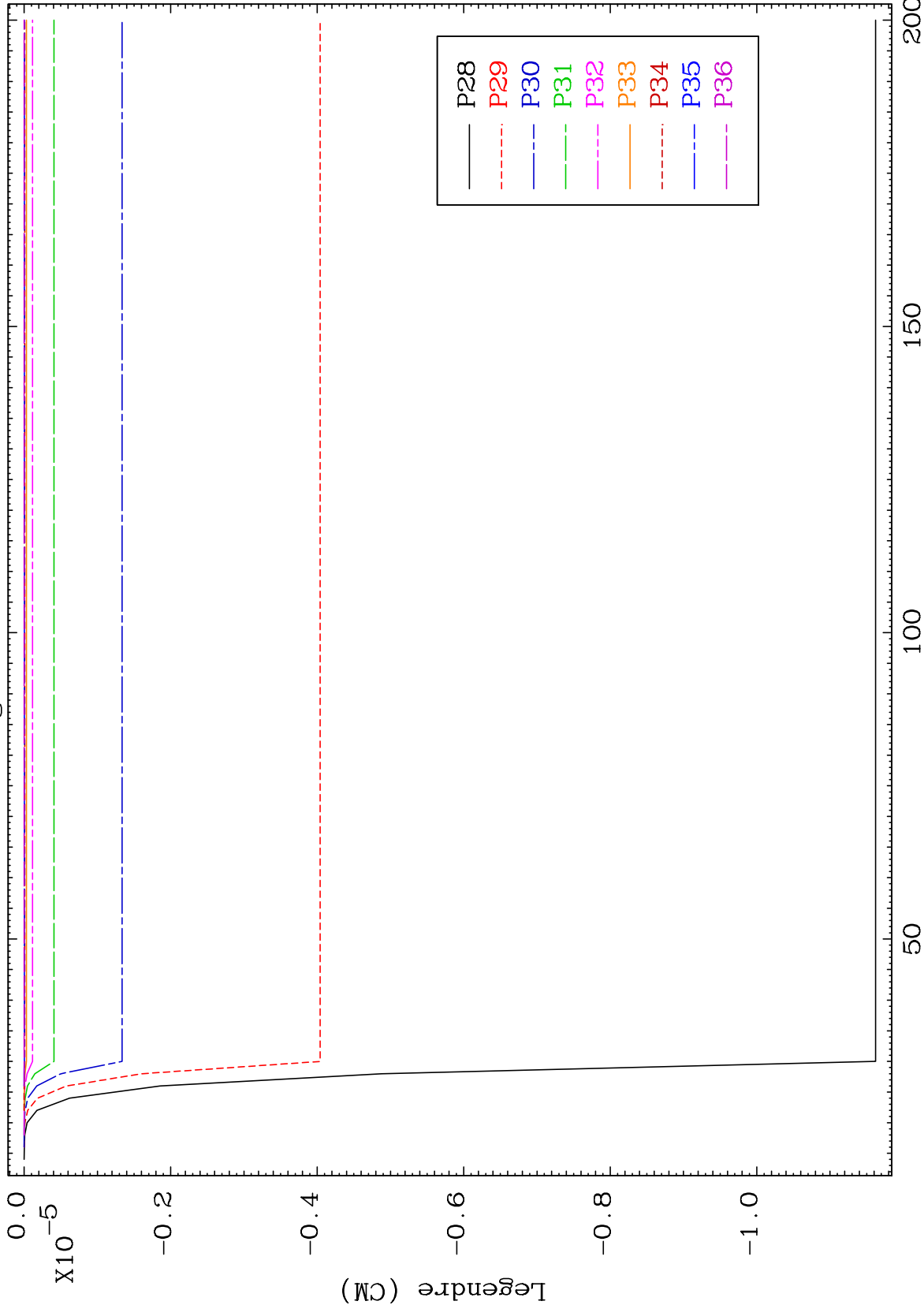


105 Incident Energy (MeV) 56-Ba-145

MAT 5670

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

56-Ba-145

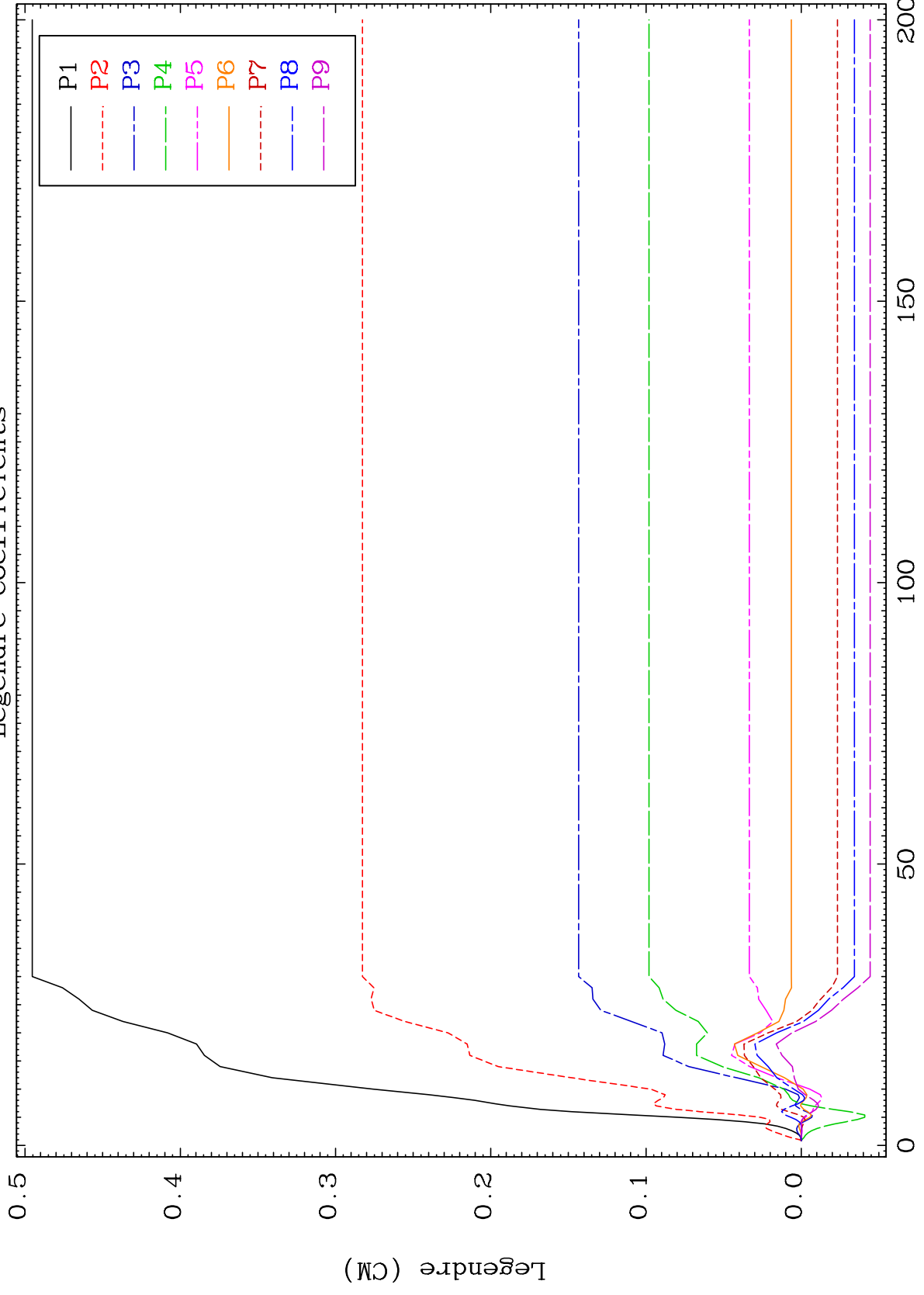


56-Ba-145

Incident Energy (MeV)

106

MAT 5670 MT= 73 (n,n') Level Legendre Coefficients 56-Ba-145

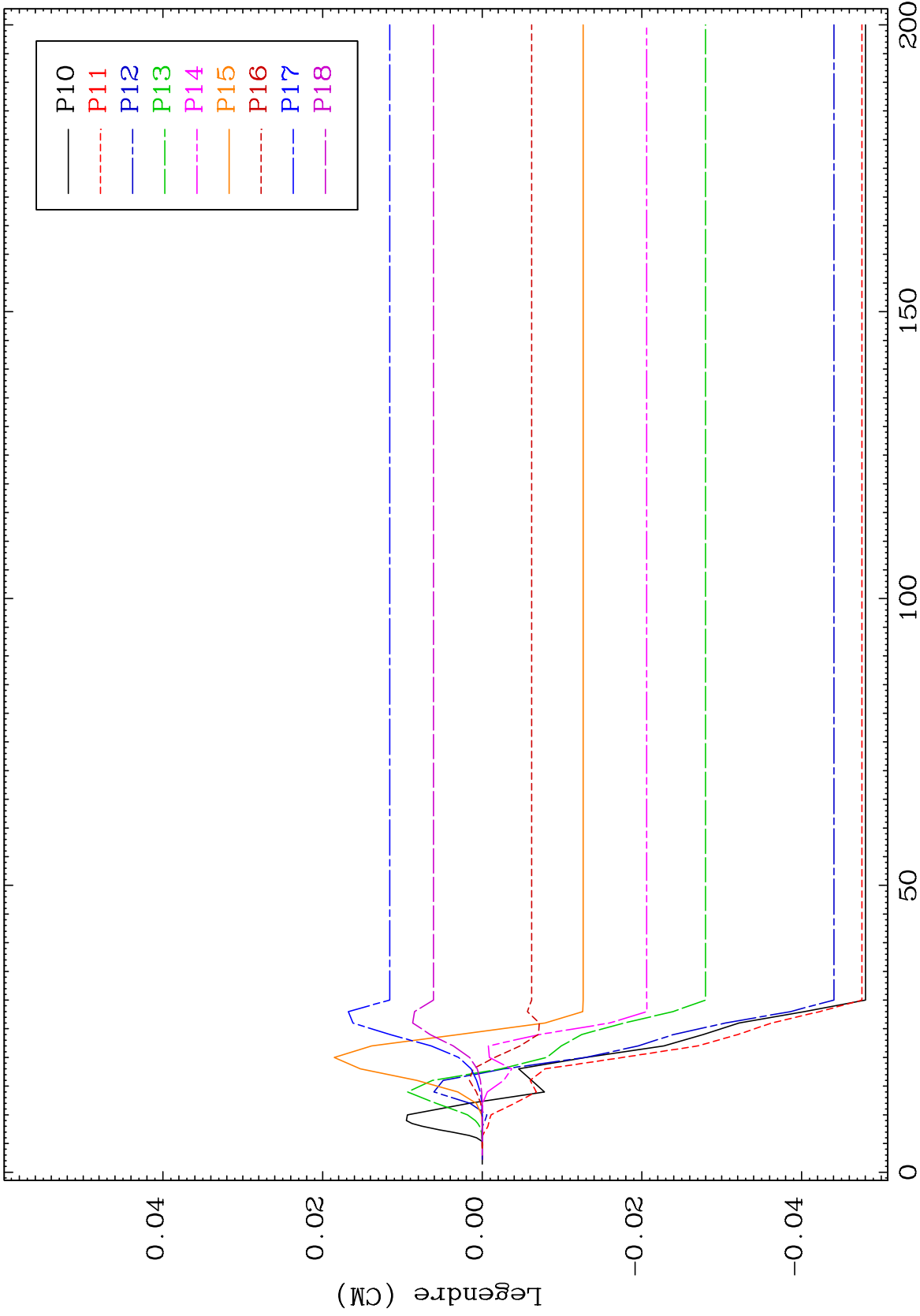


107 56-Ba-145

MAT 5670

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

56-Ba-145



108

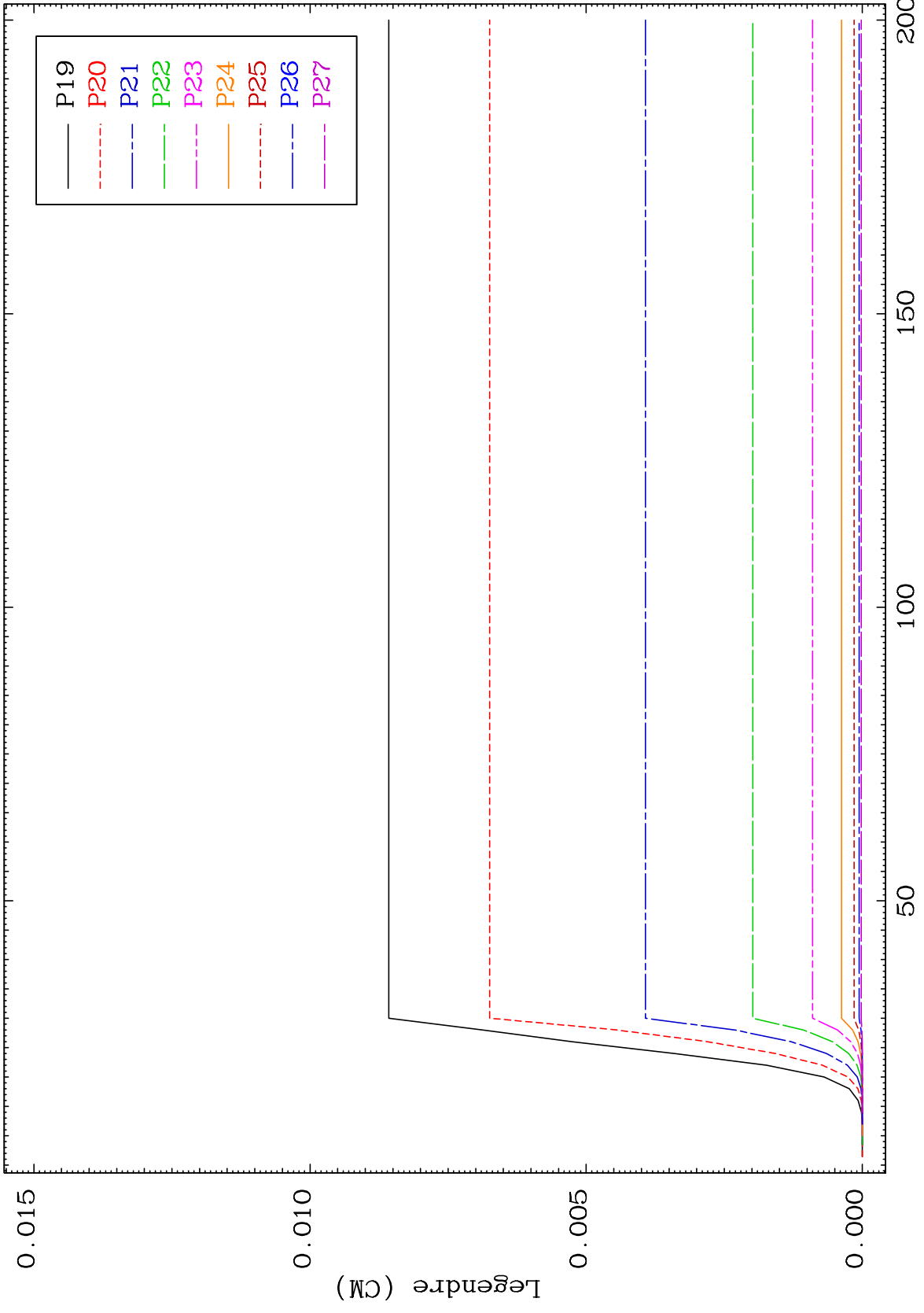
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



109

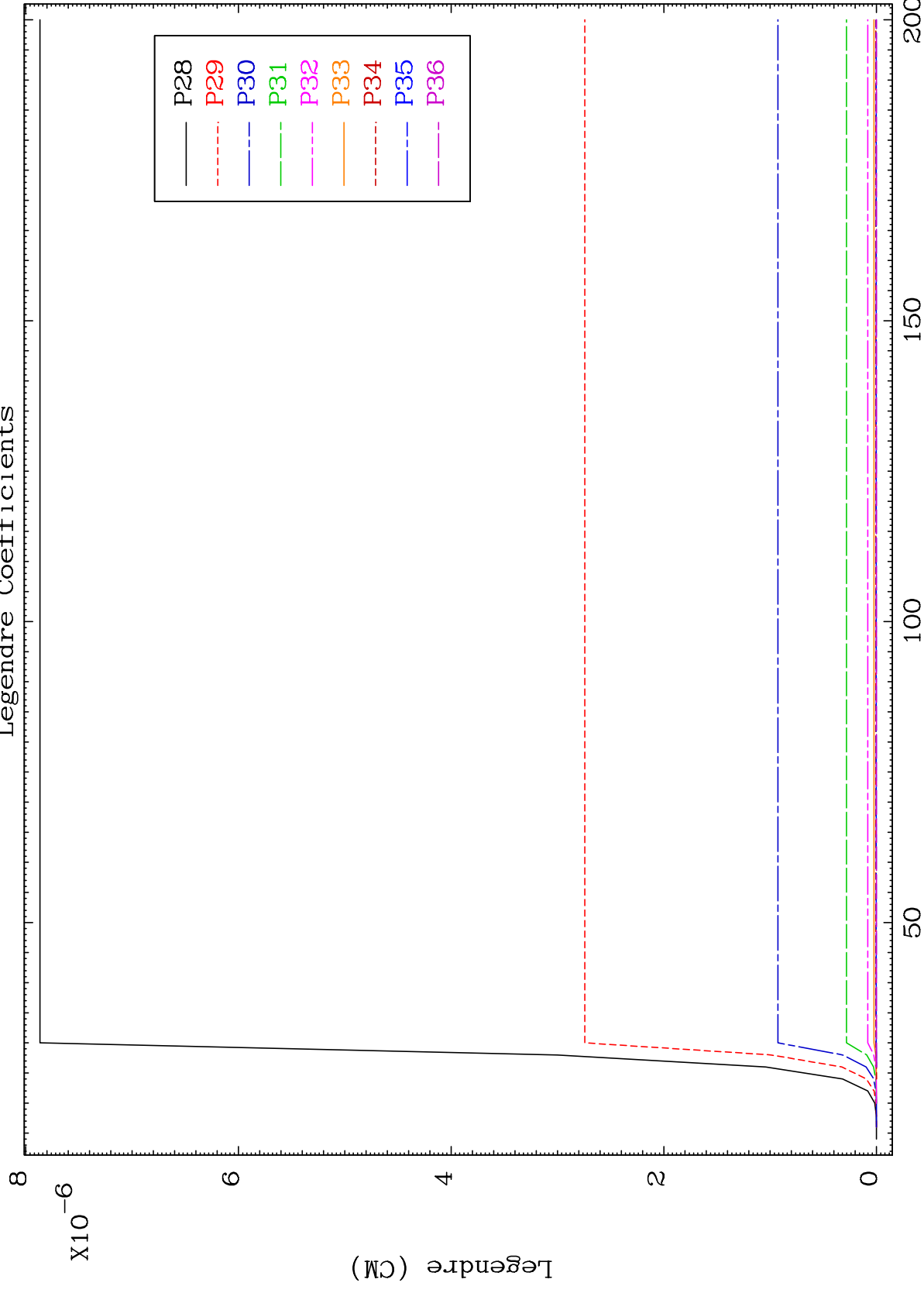
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



110

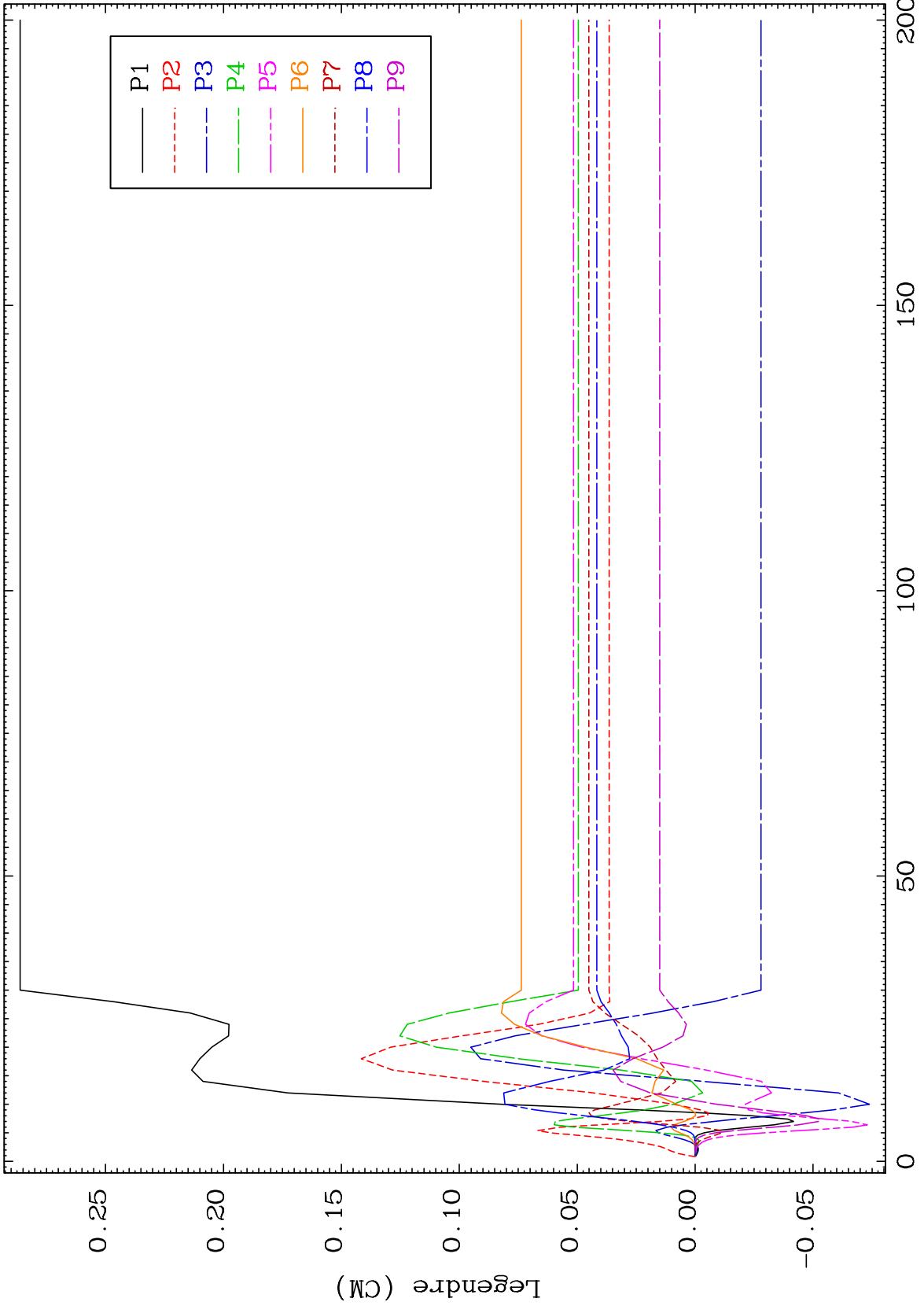
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



111

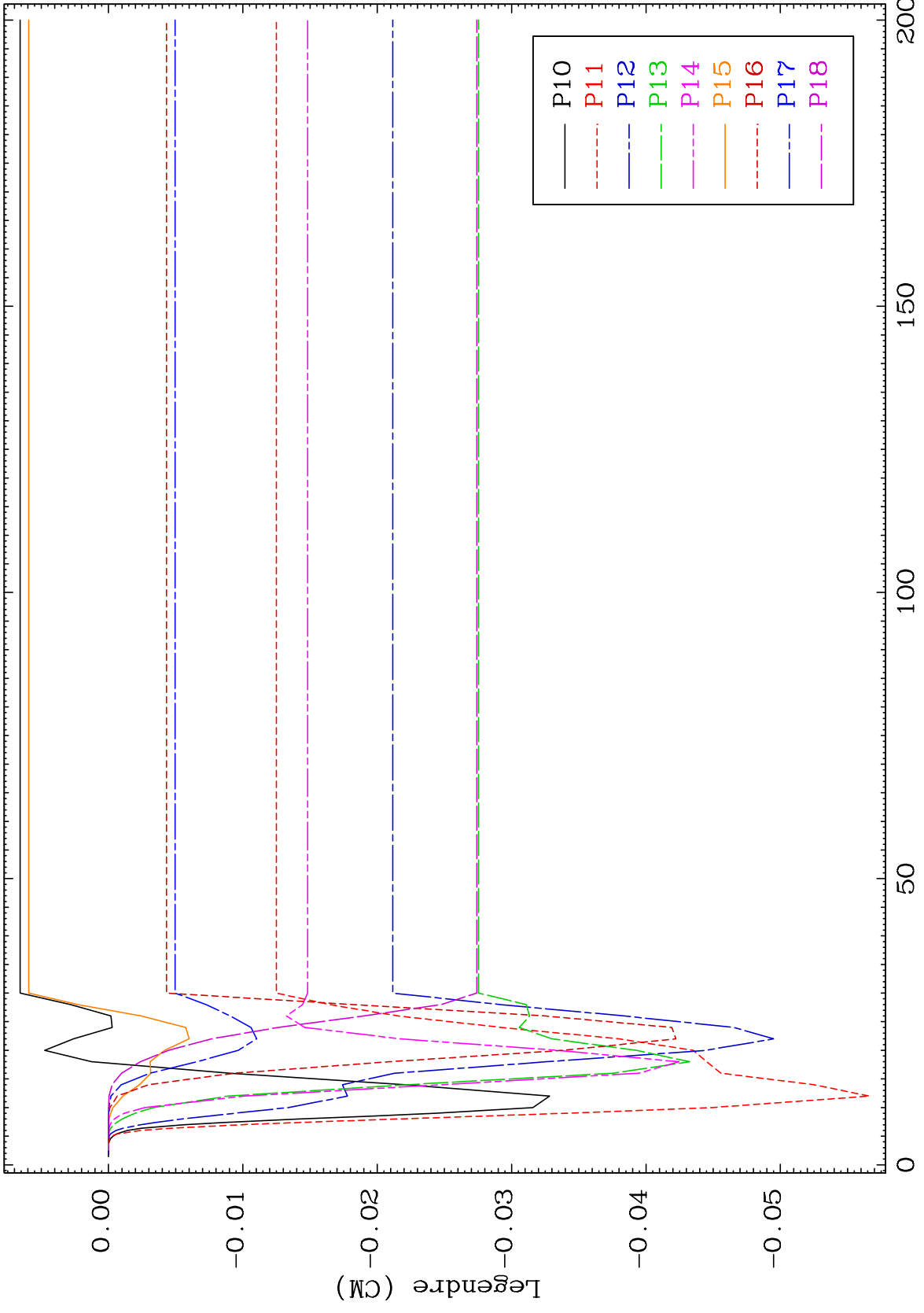
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145

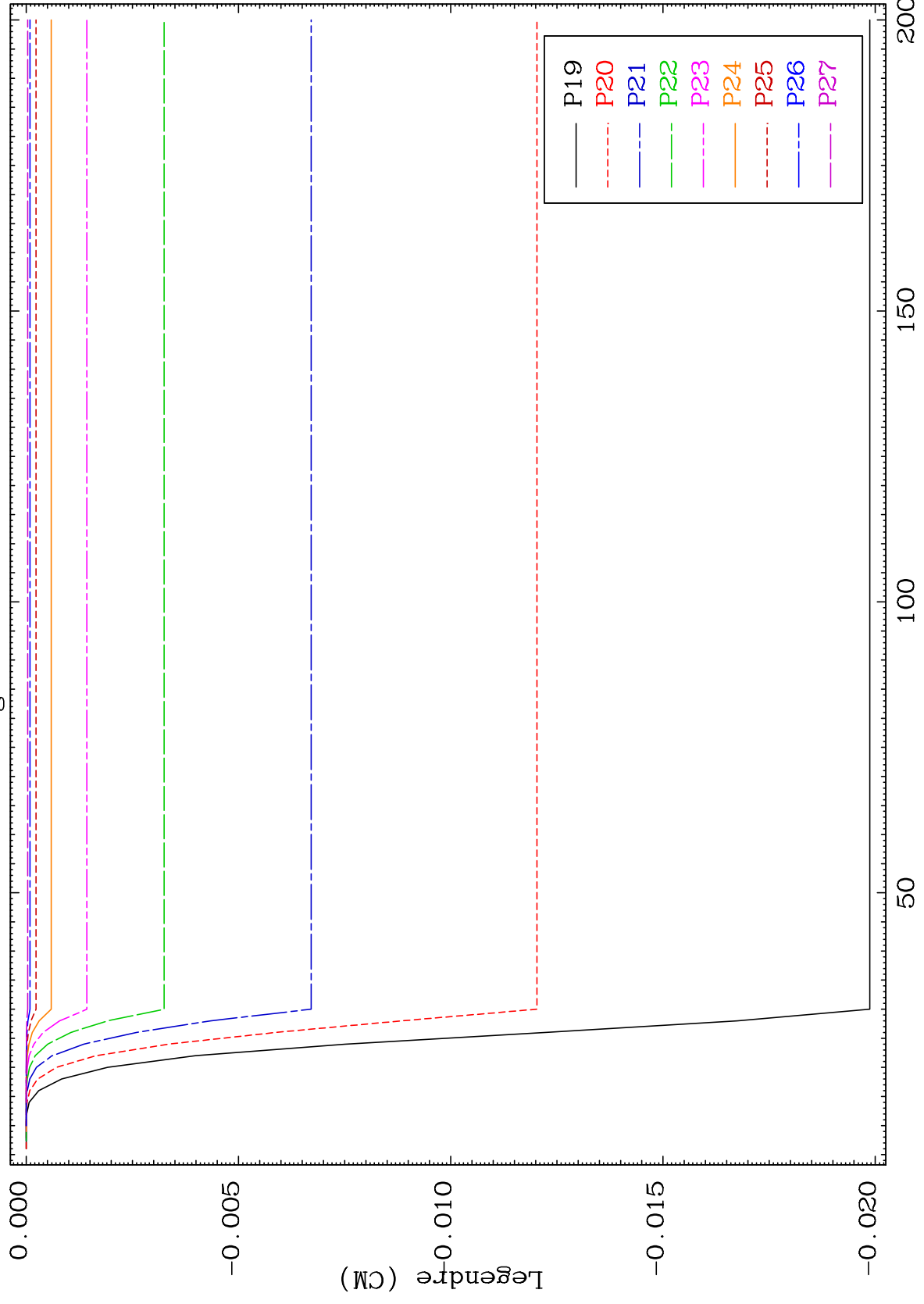


112

Incident Energy (MeV)

56-Ba-145

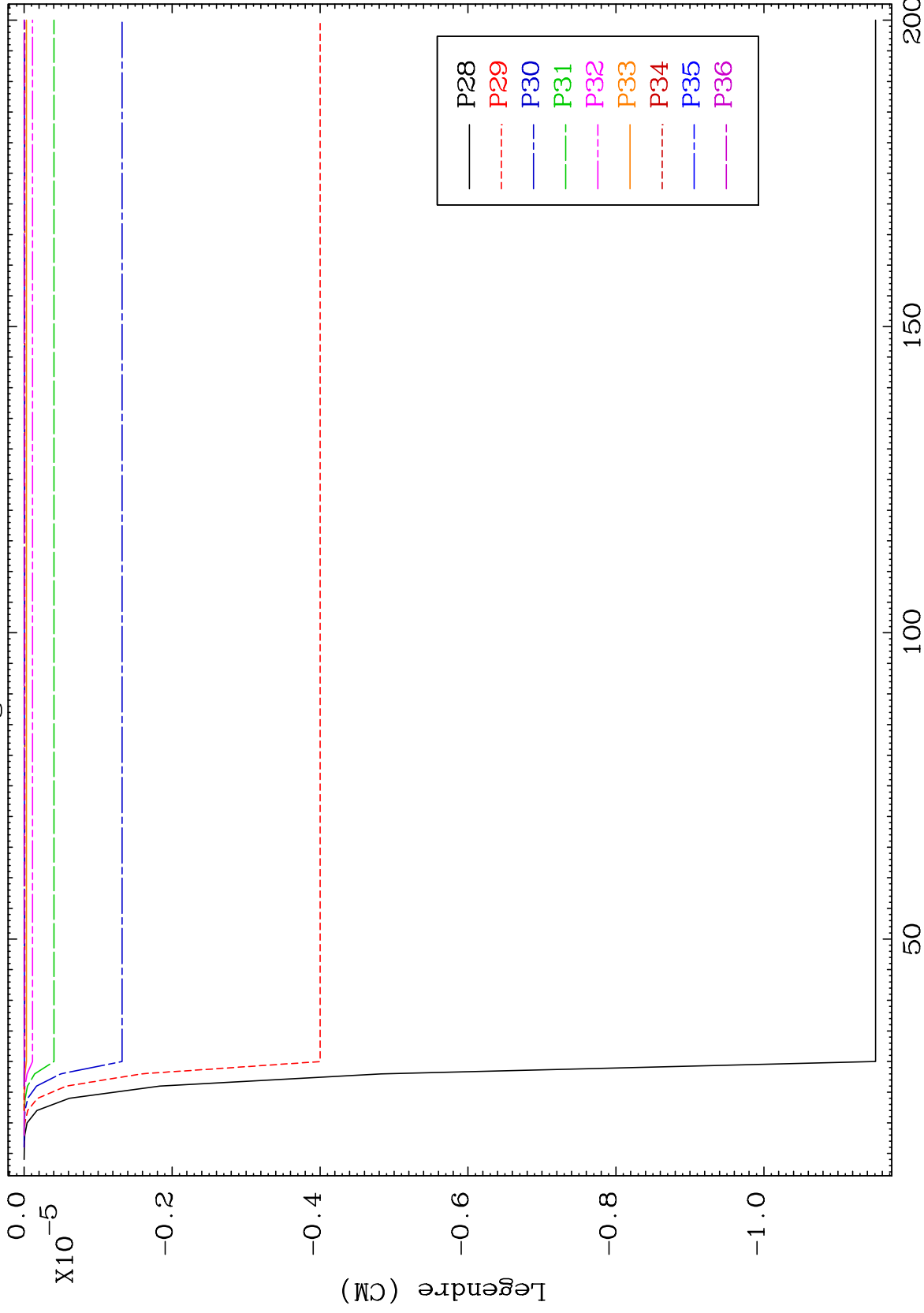
MAT 5670 MT= 74 (n,n') Level Legendre Coefficients 56-Ba-145



MAT 5670

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

56-Ba-145

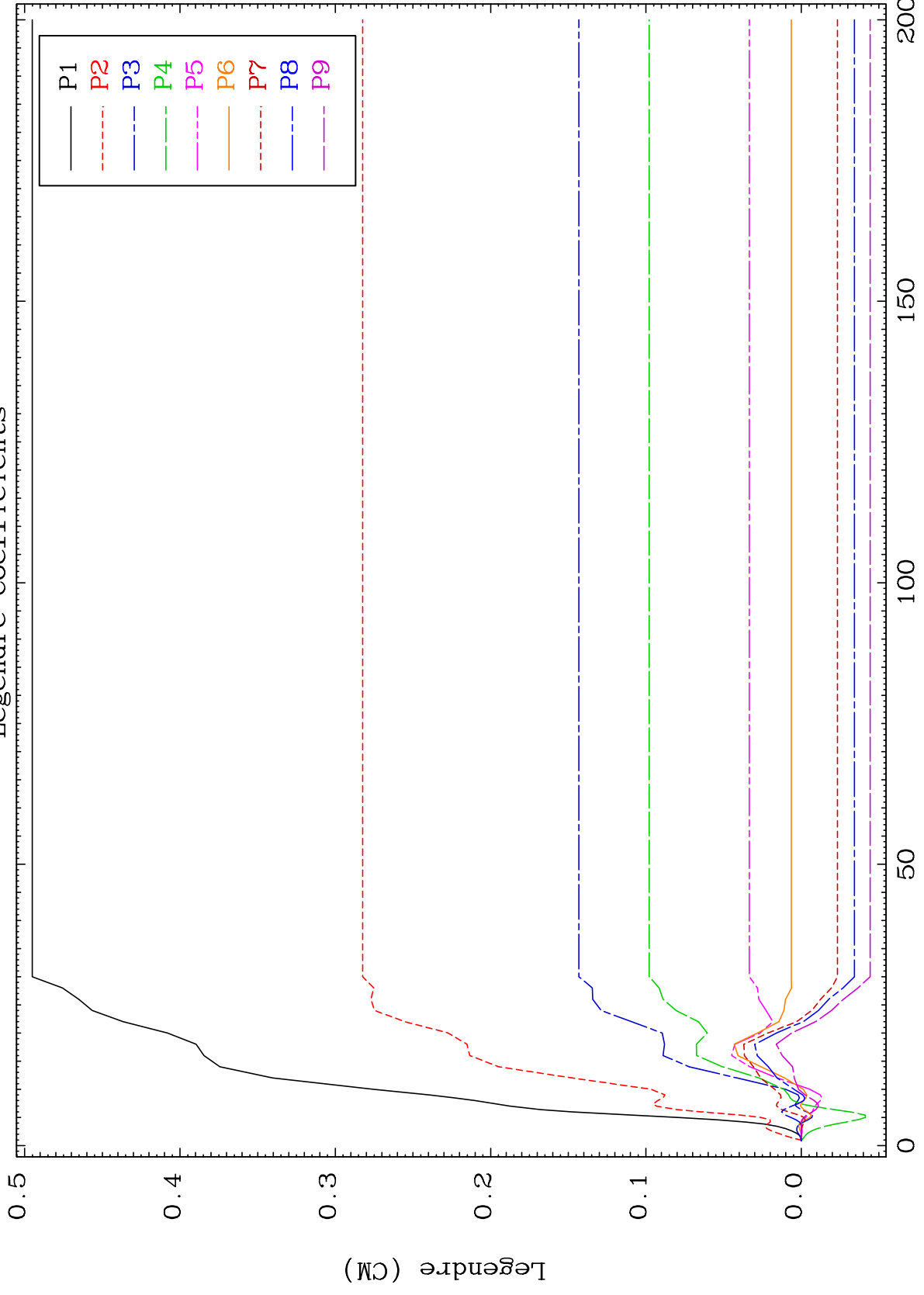


56-Ba-145

Incident Energy (MeV)

114

MAT 5670 MT= 75 (n,n') Level Legendre Coefficients 56-Ba-145

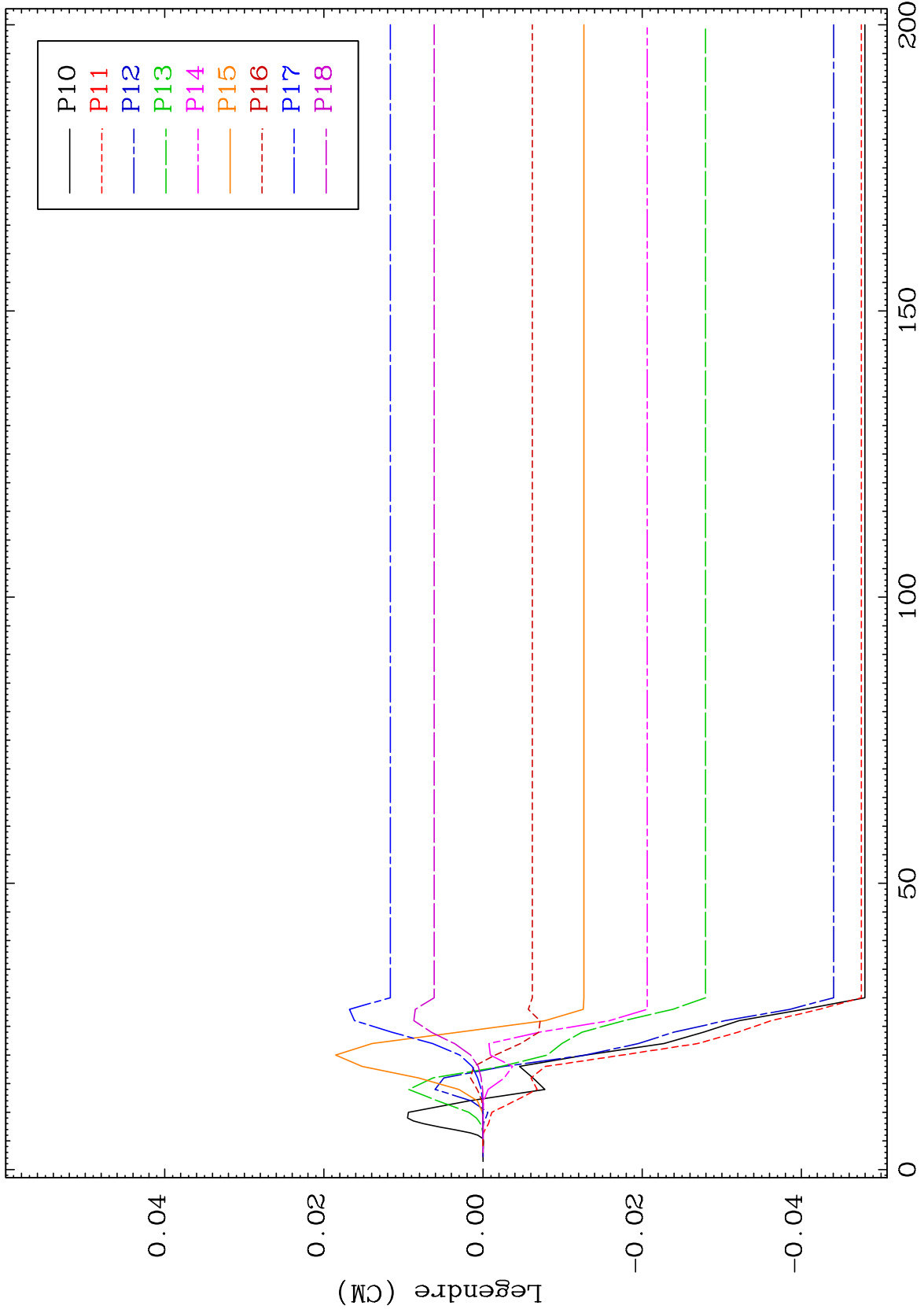


115 Incident Energy (MeV) 56-Ba-145

MAT 5670

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

56-Ba-145



116

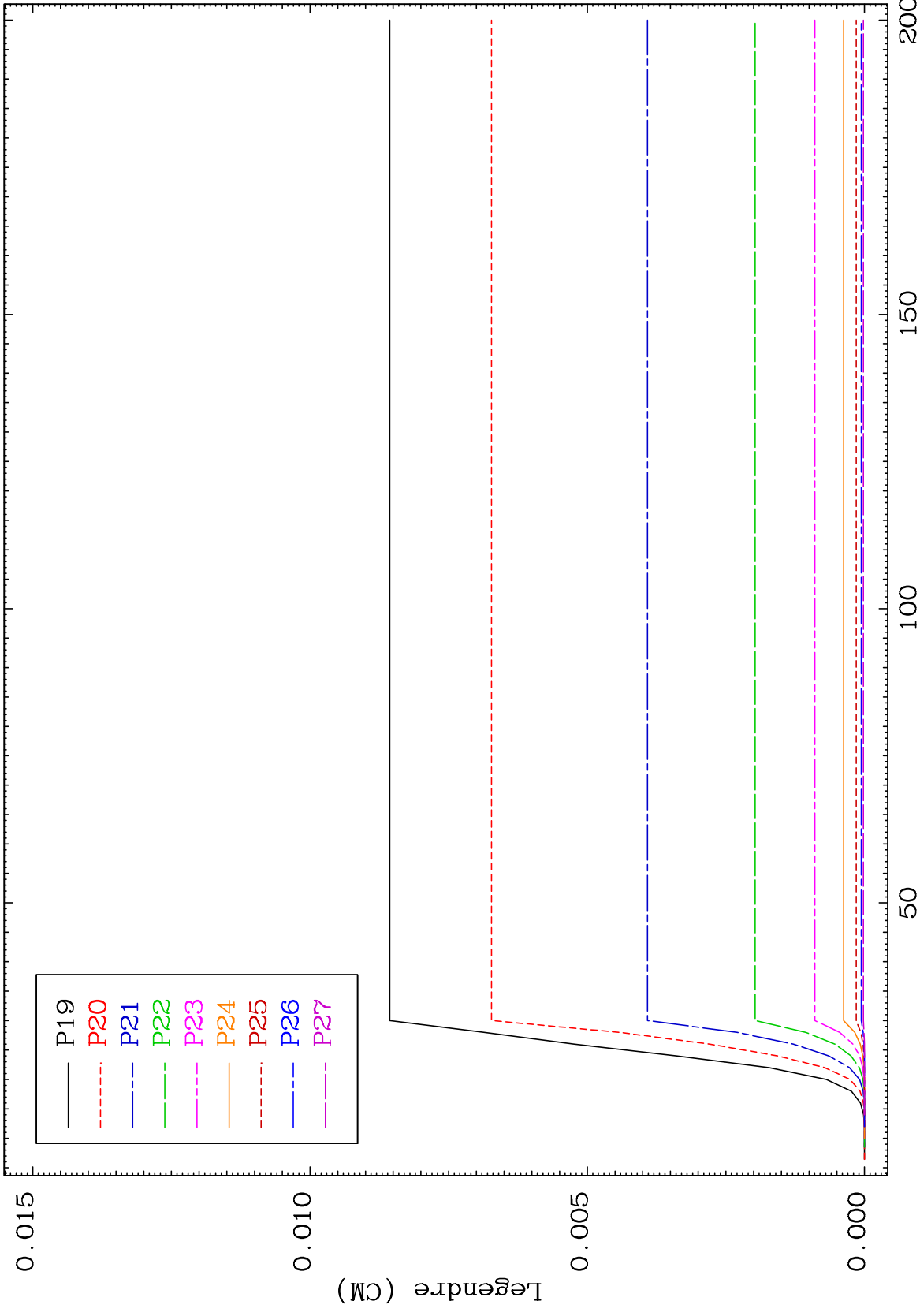
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



117

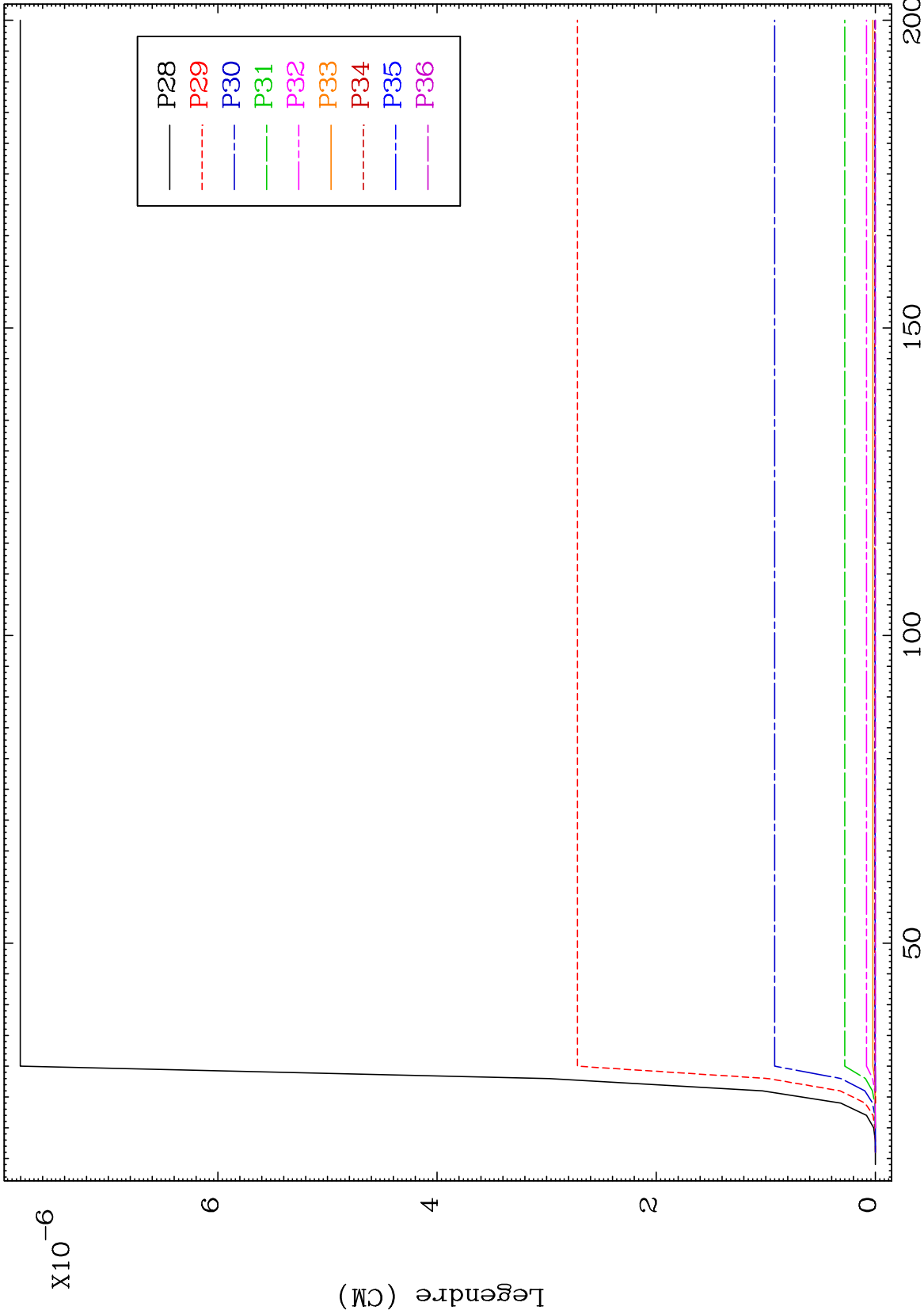
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



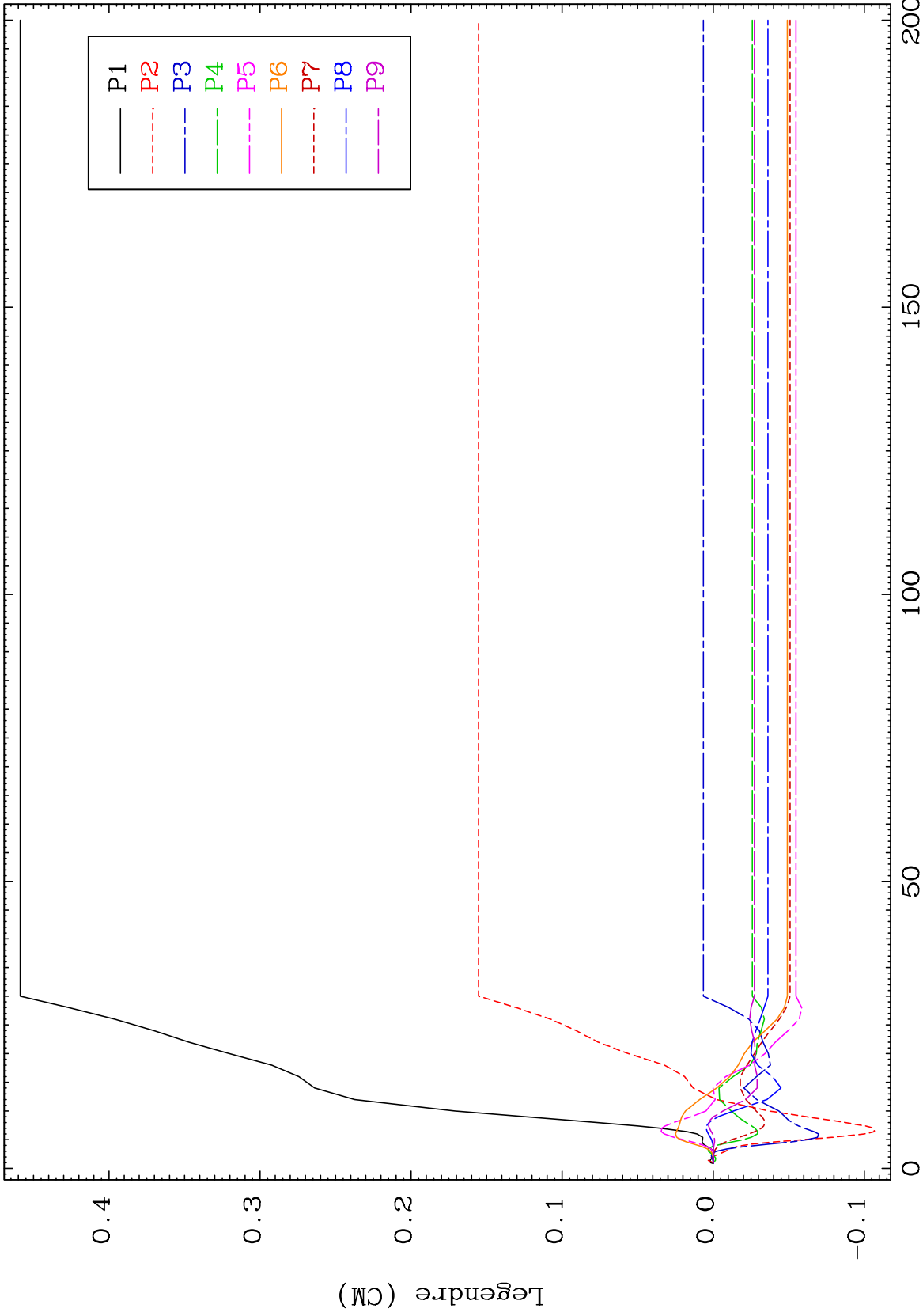
118

56-Ba-145

MAT 5670

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

56-Ba-145



119

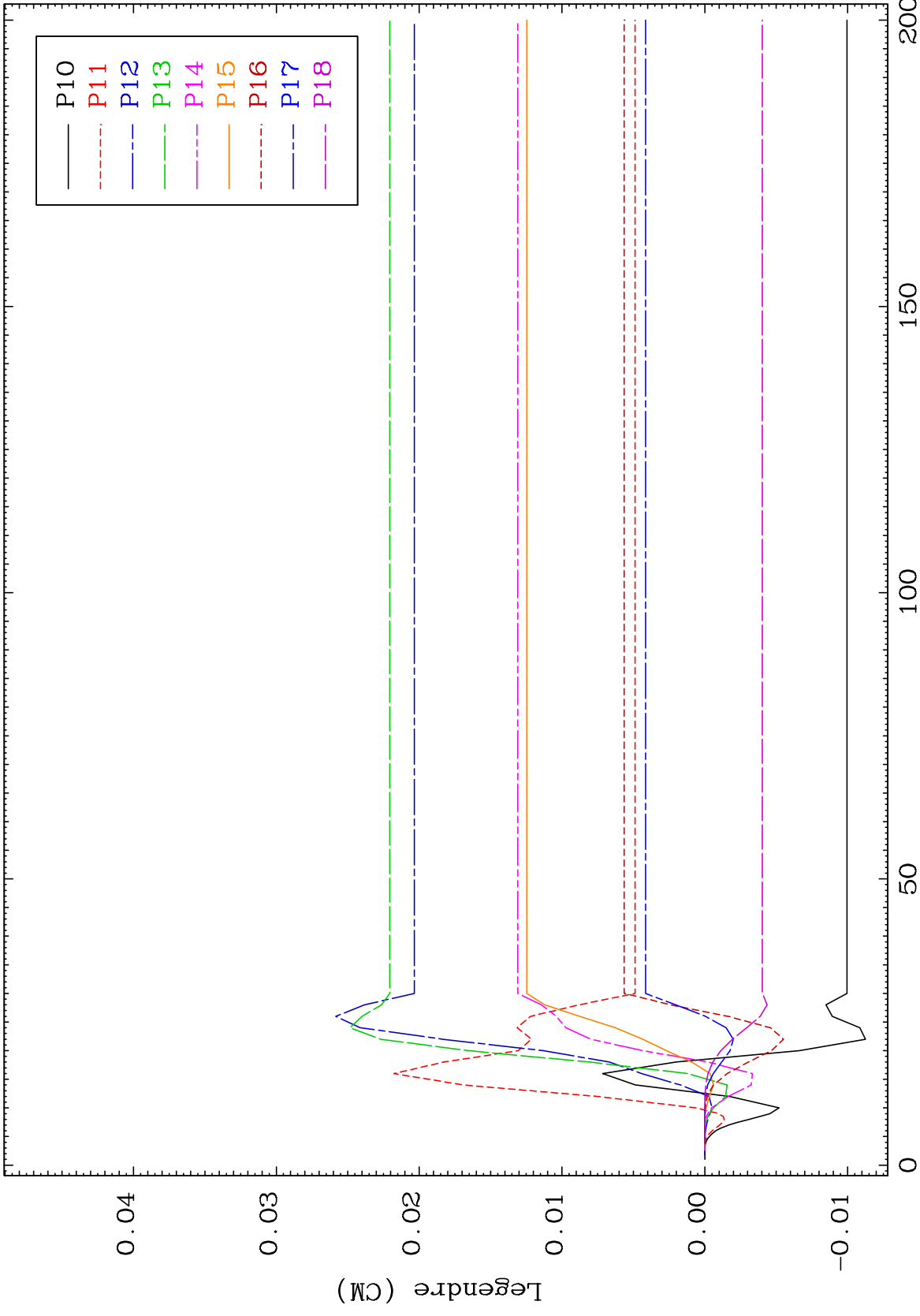
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



56-Ba-145

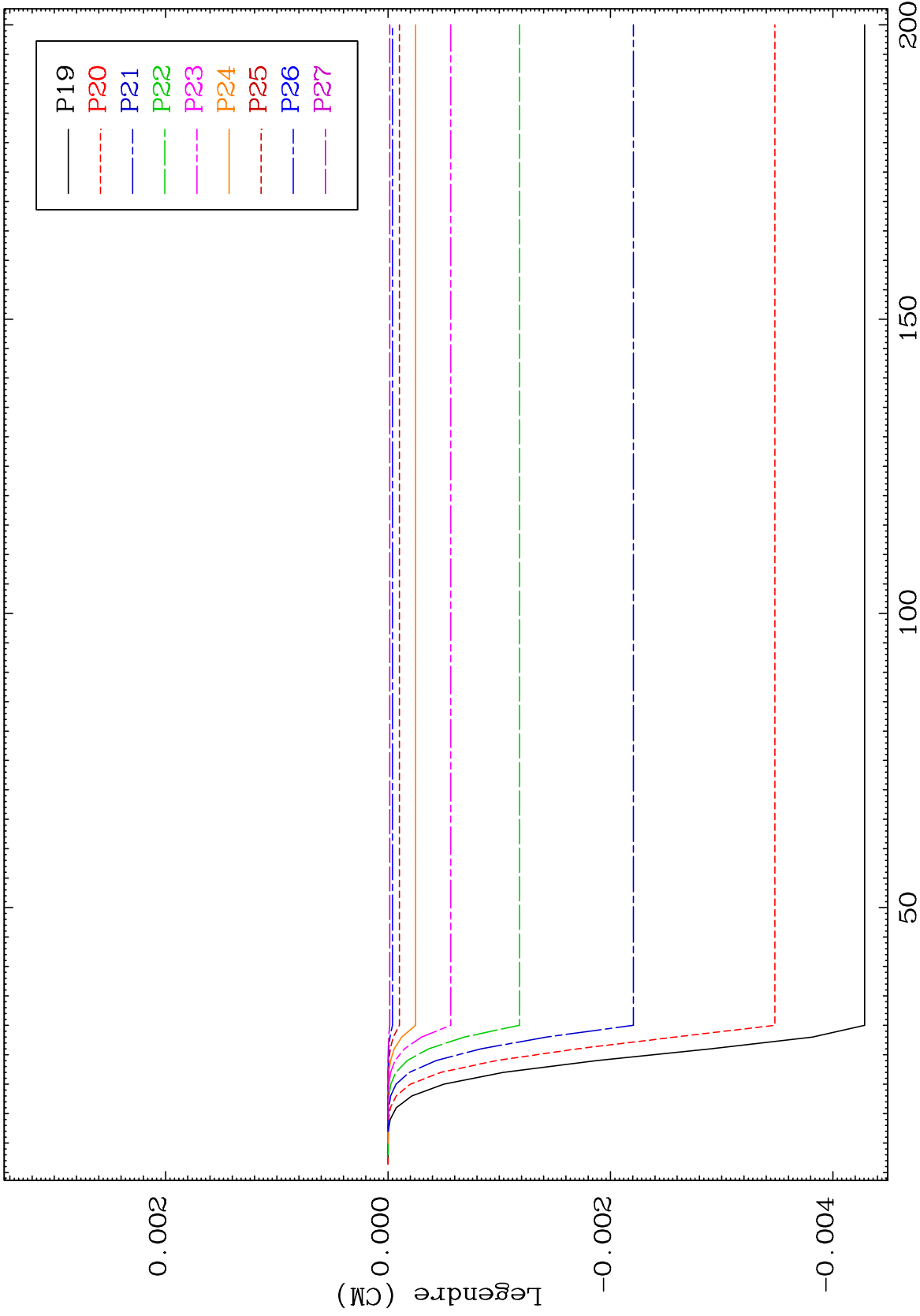
Incident Energy (MeV)

120

MAT 5670

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

56-Ba-145

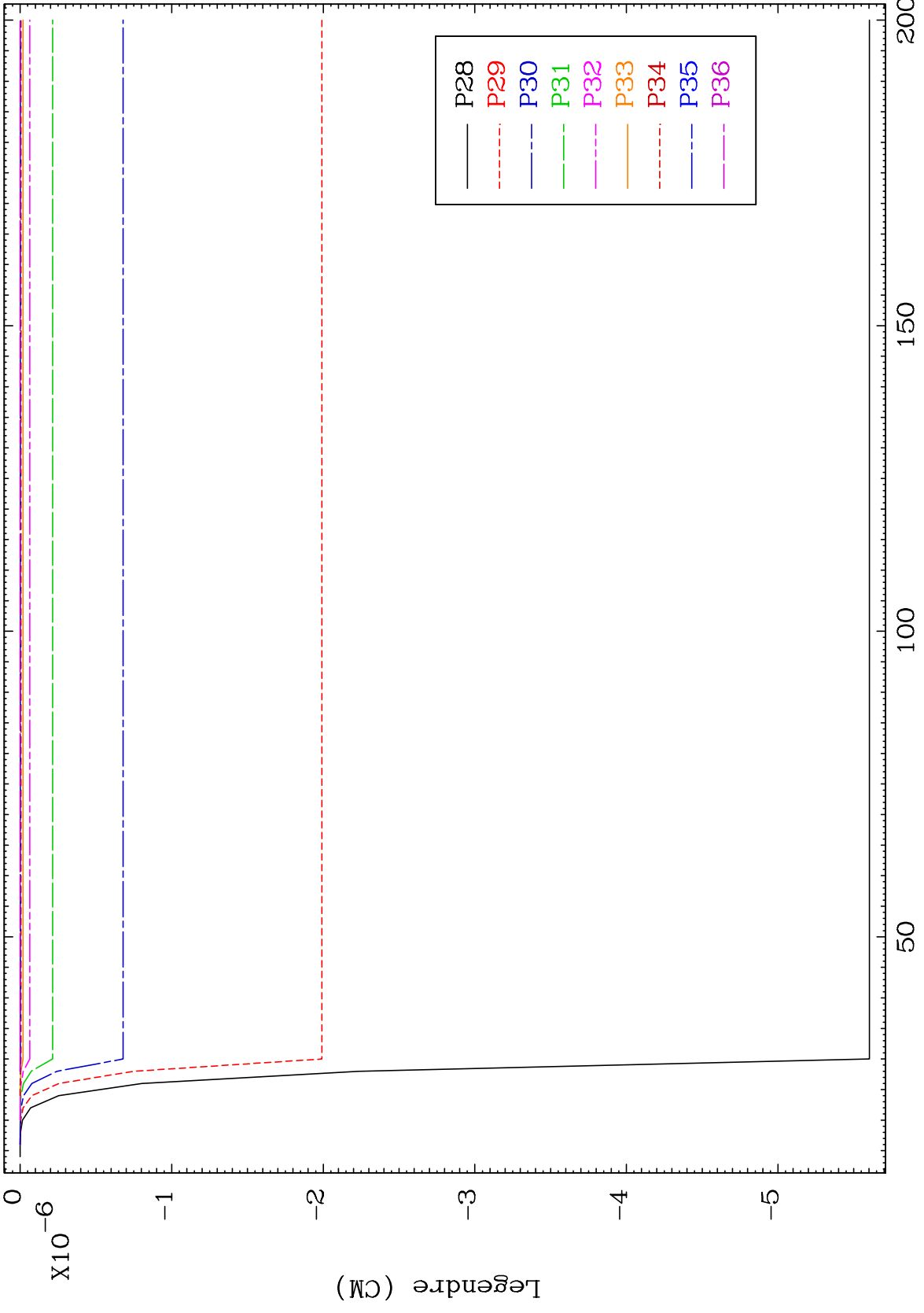


121

Incident Energy (MeV)

56-Ba-145

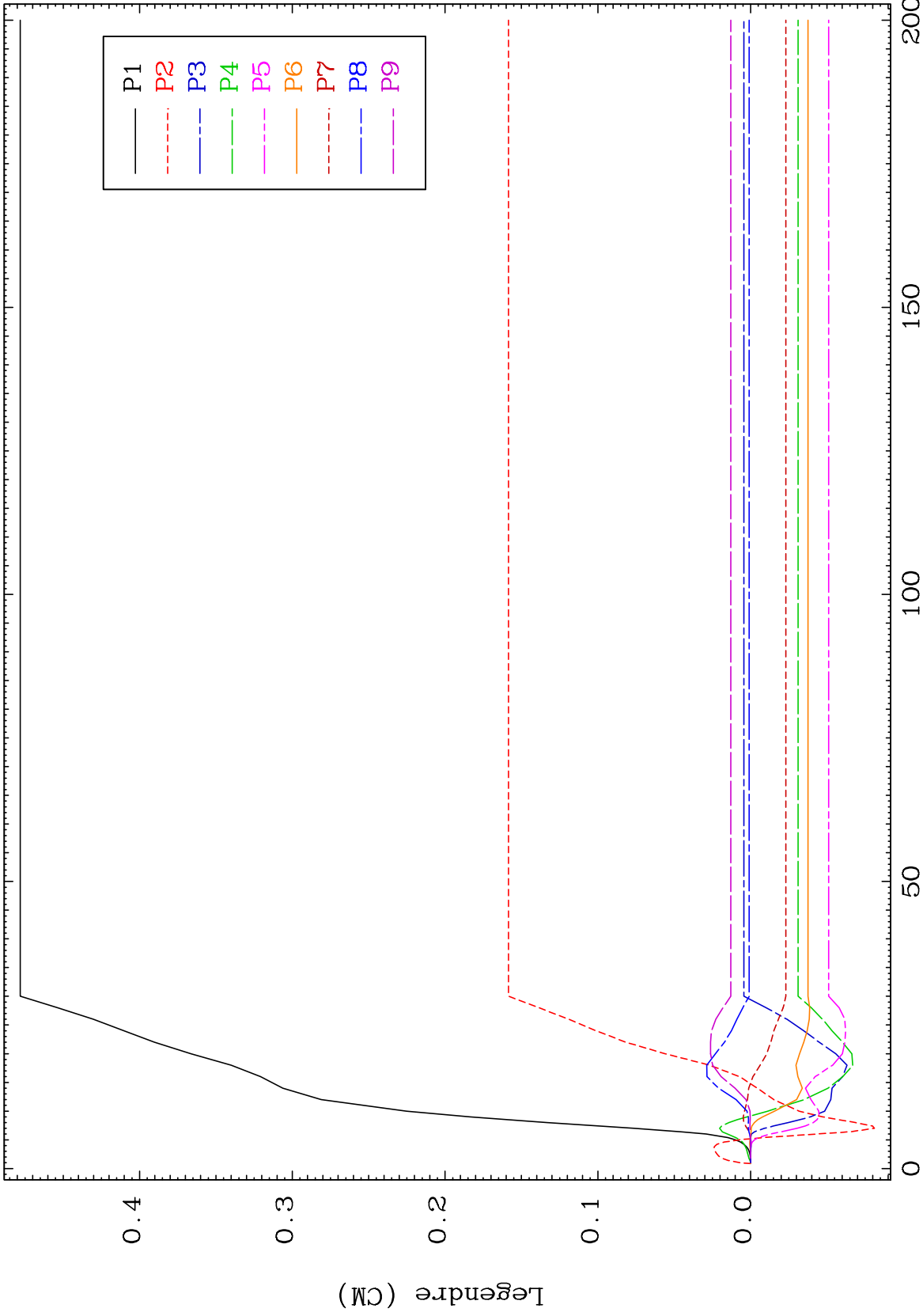
MAT 5670 MT= 76 (n,n') Level Legendre Coefficients 56-Ba-145



MAT 5670

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

56-Ba-145

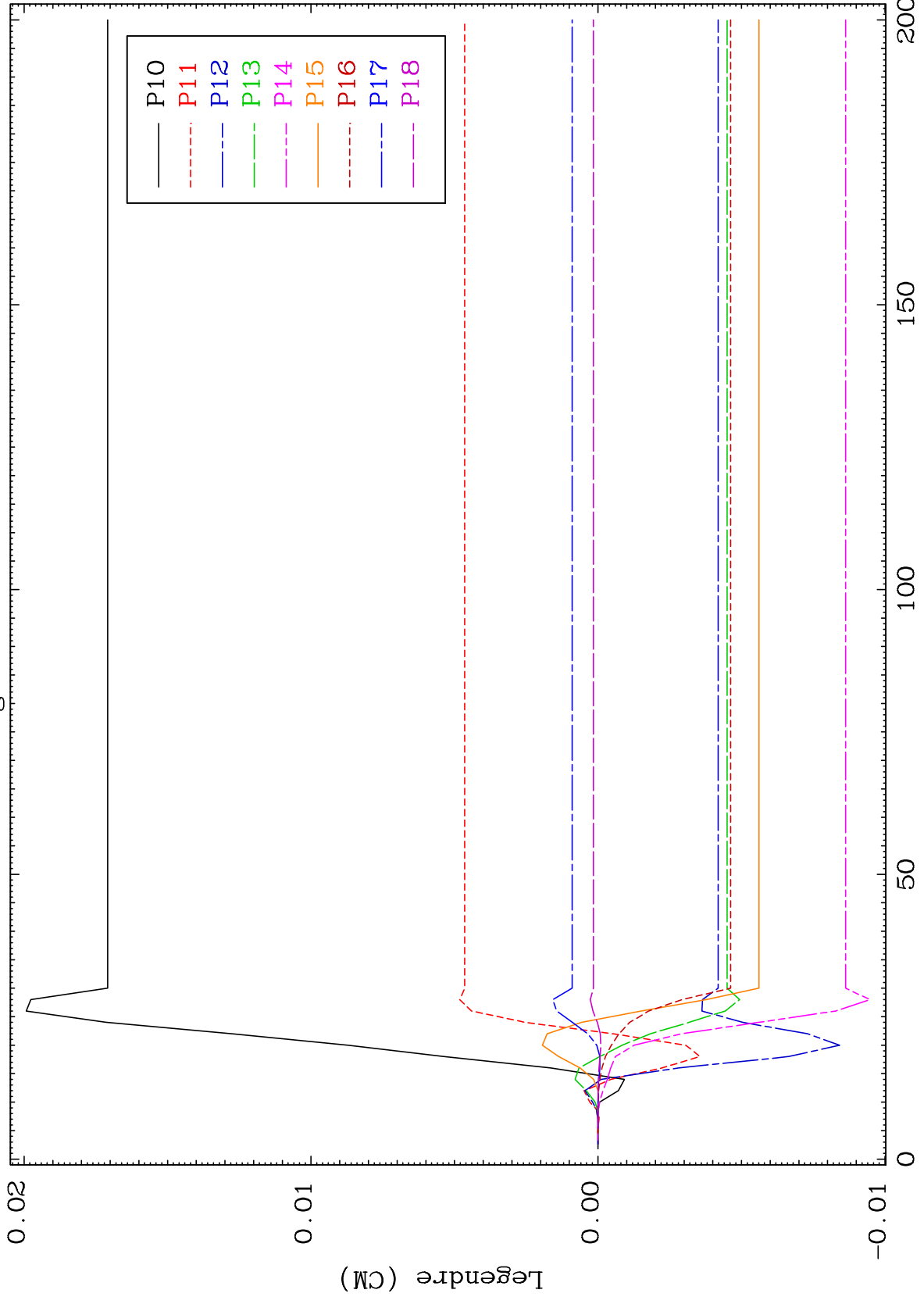


56-Ba-145

Incident Energy (MeV)

123

MAT 5670 MT= 77 (n,n') Level Legendre Coefficients 56-Ba-145

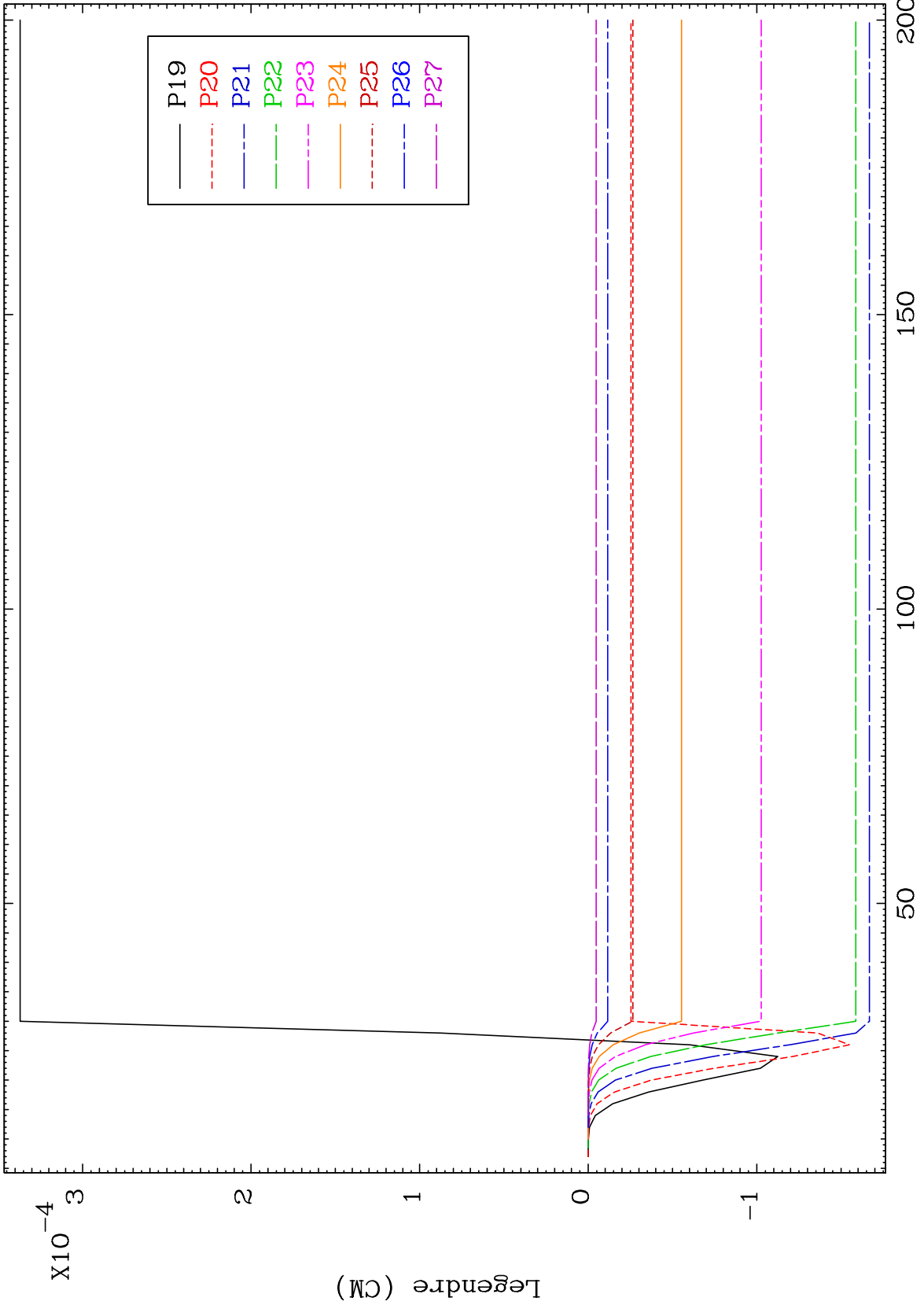


124 56-Ba-145

MAT 5670

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

56-Ba-145



125

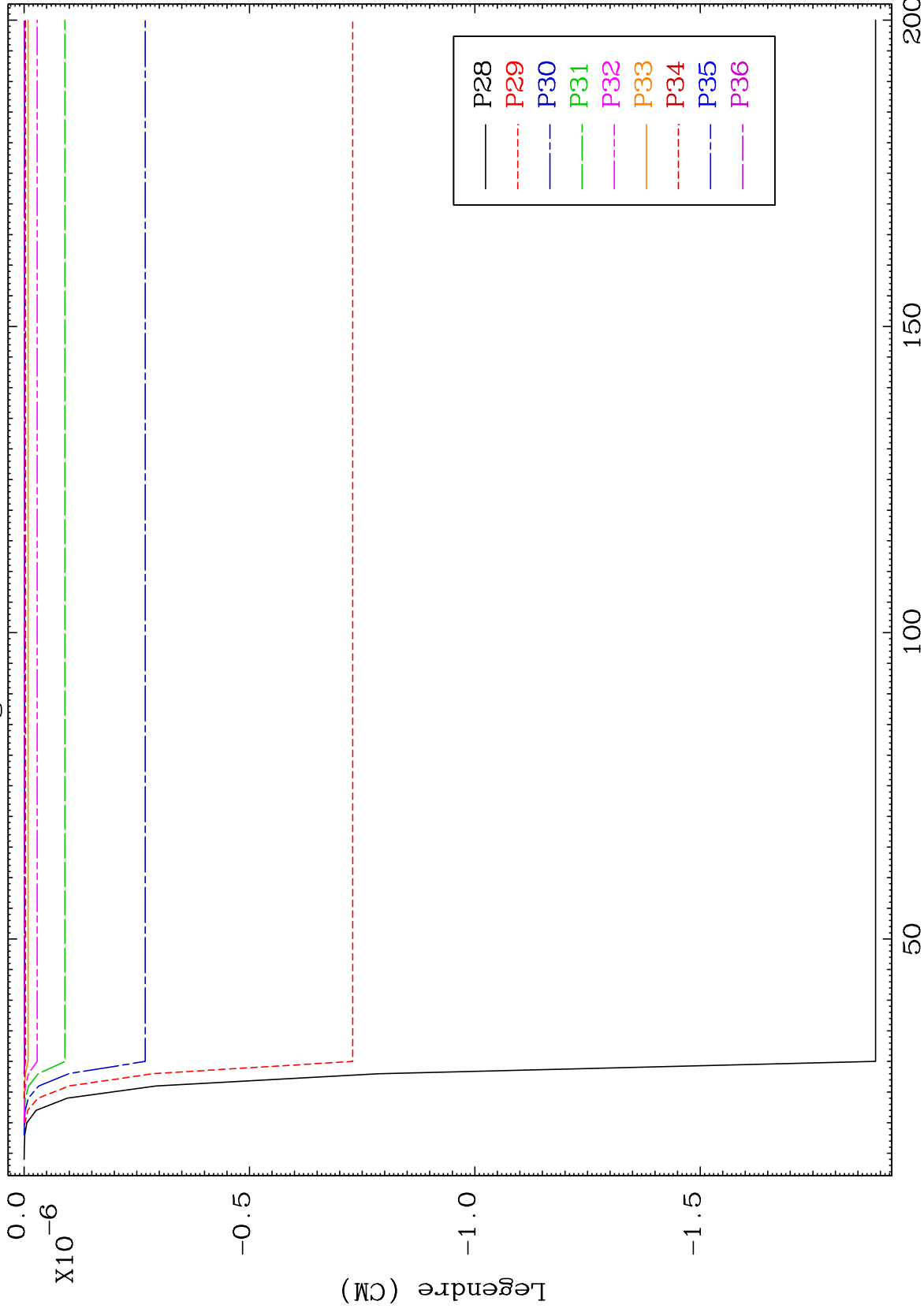
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



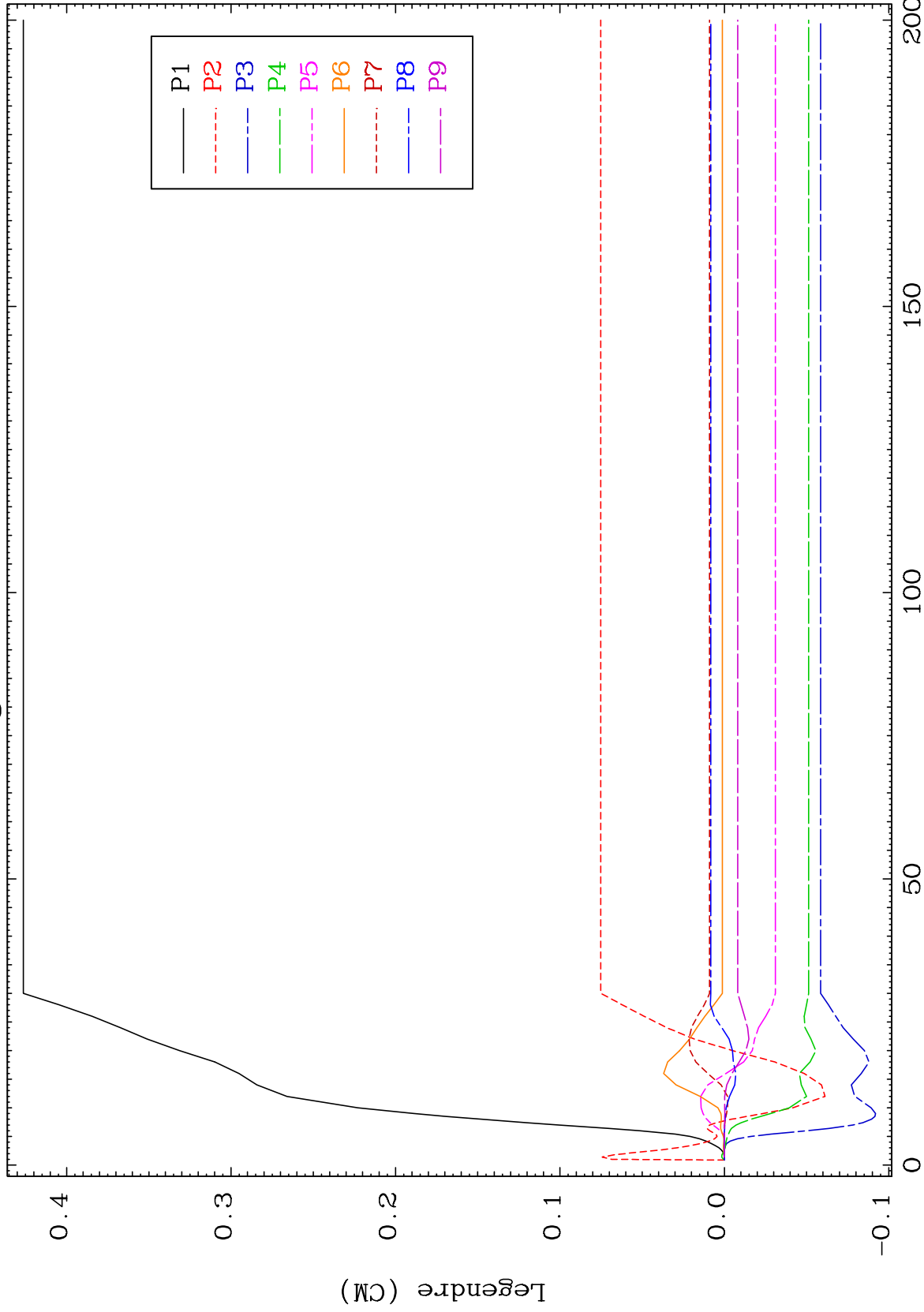
126

56-Ba-145

MAT 5670

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

56-Ba-145



127

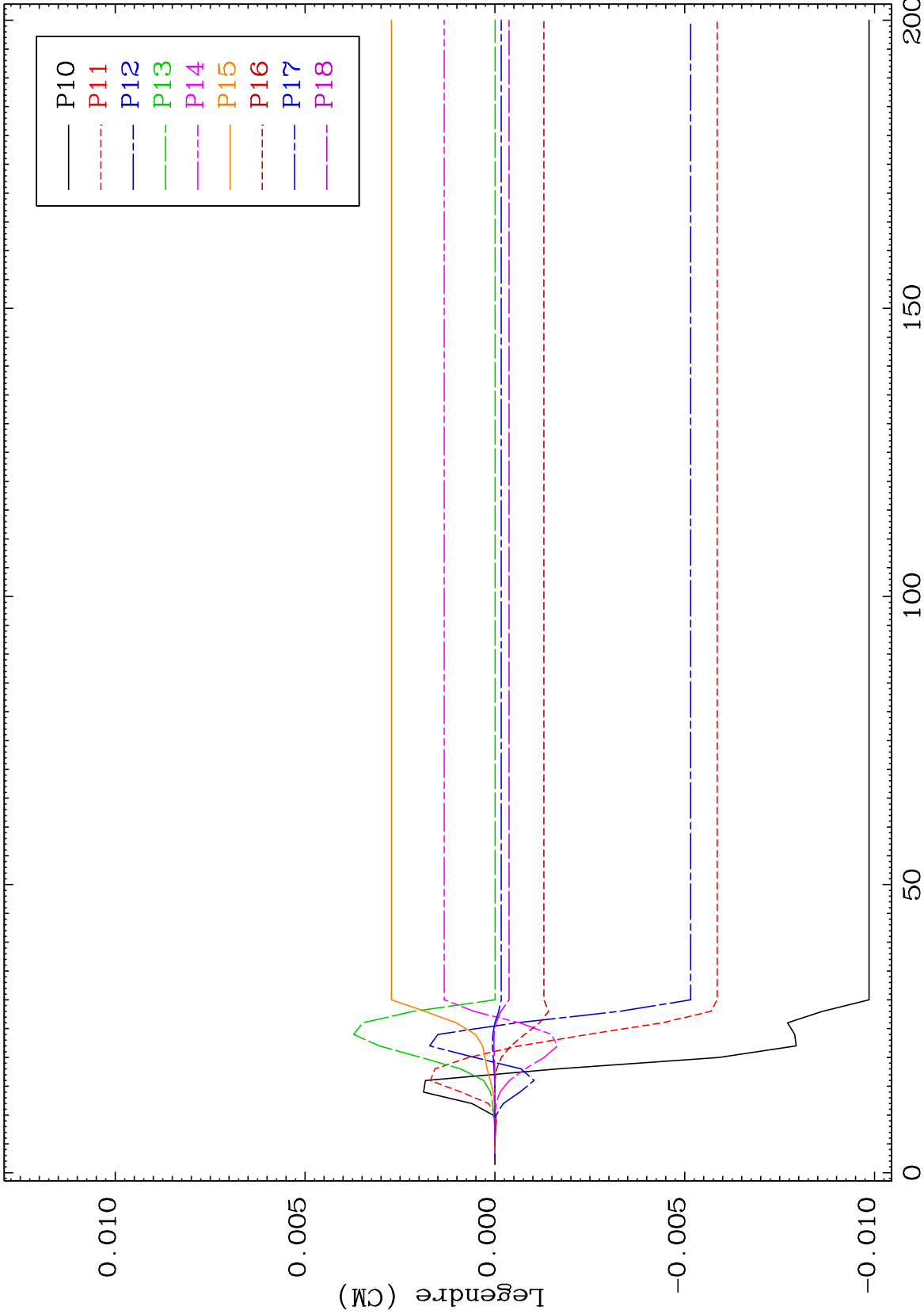
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



128

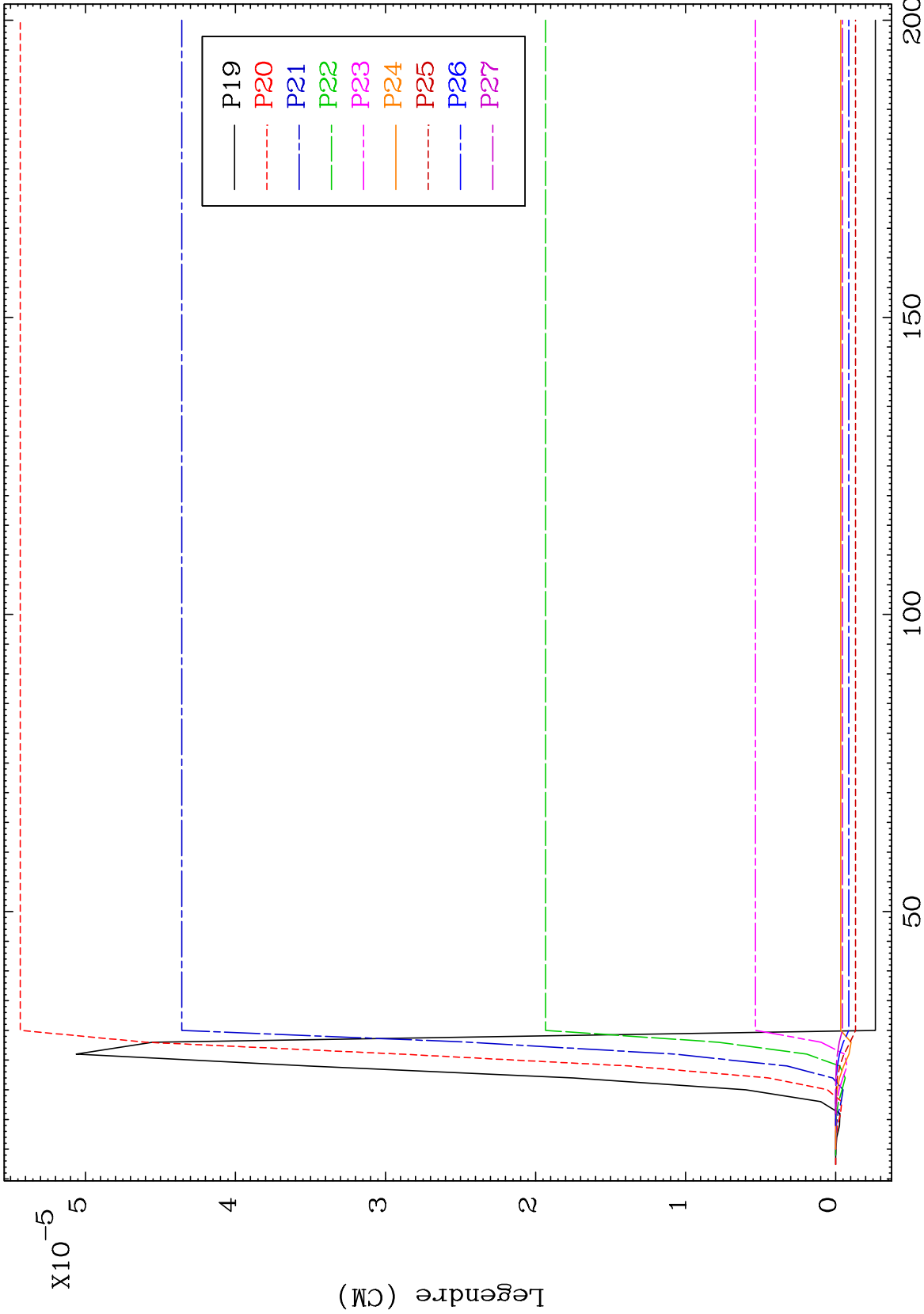
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145

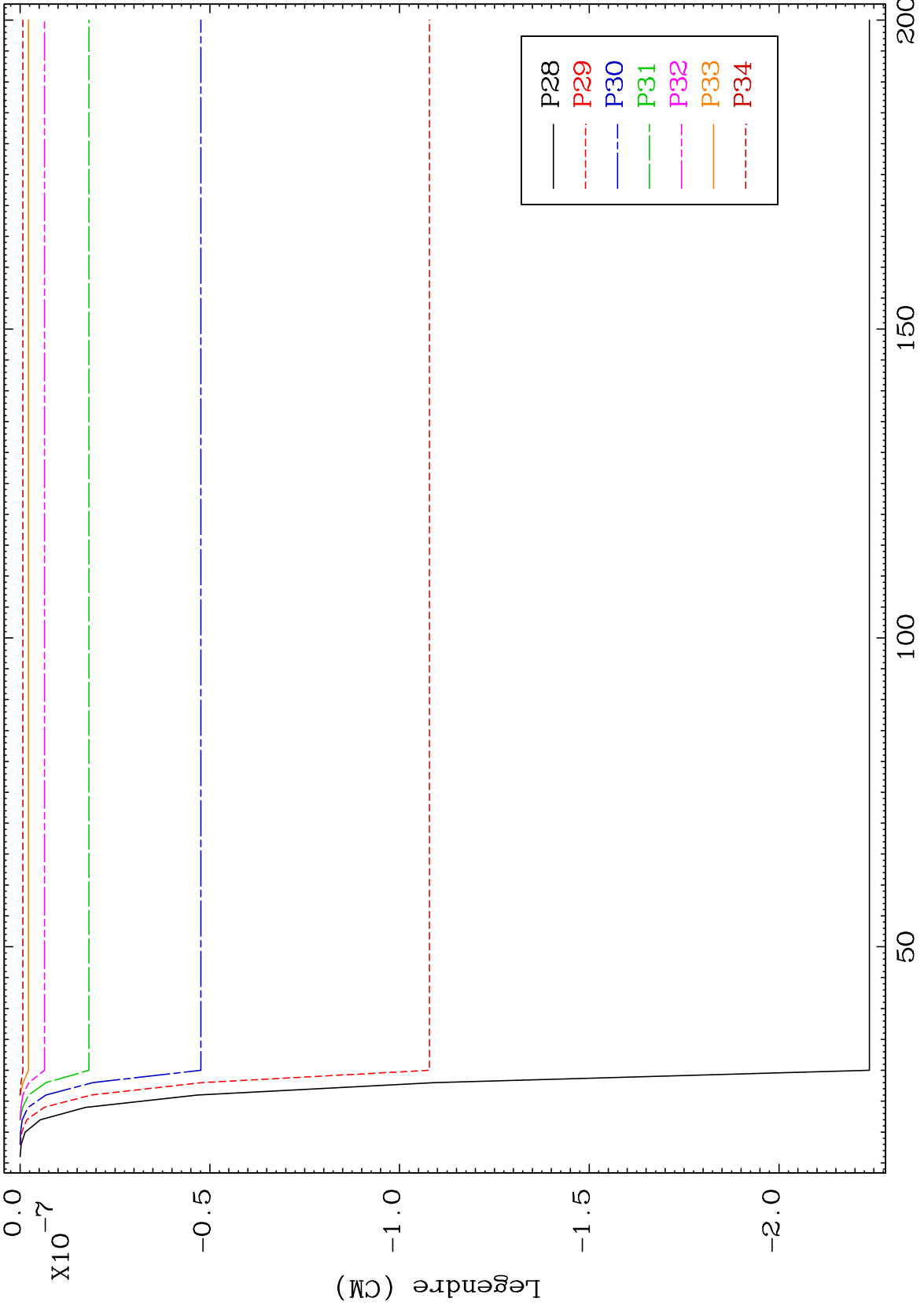


129

Incident Energy (MeV)

56-Ba-145

MAT 5670 MT= 78 (n,n') Level Legendre Coefficients 56-Ba-145

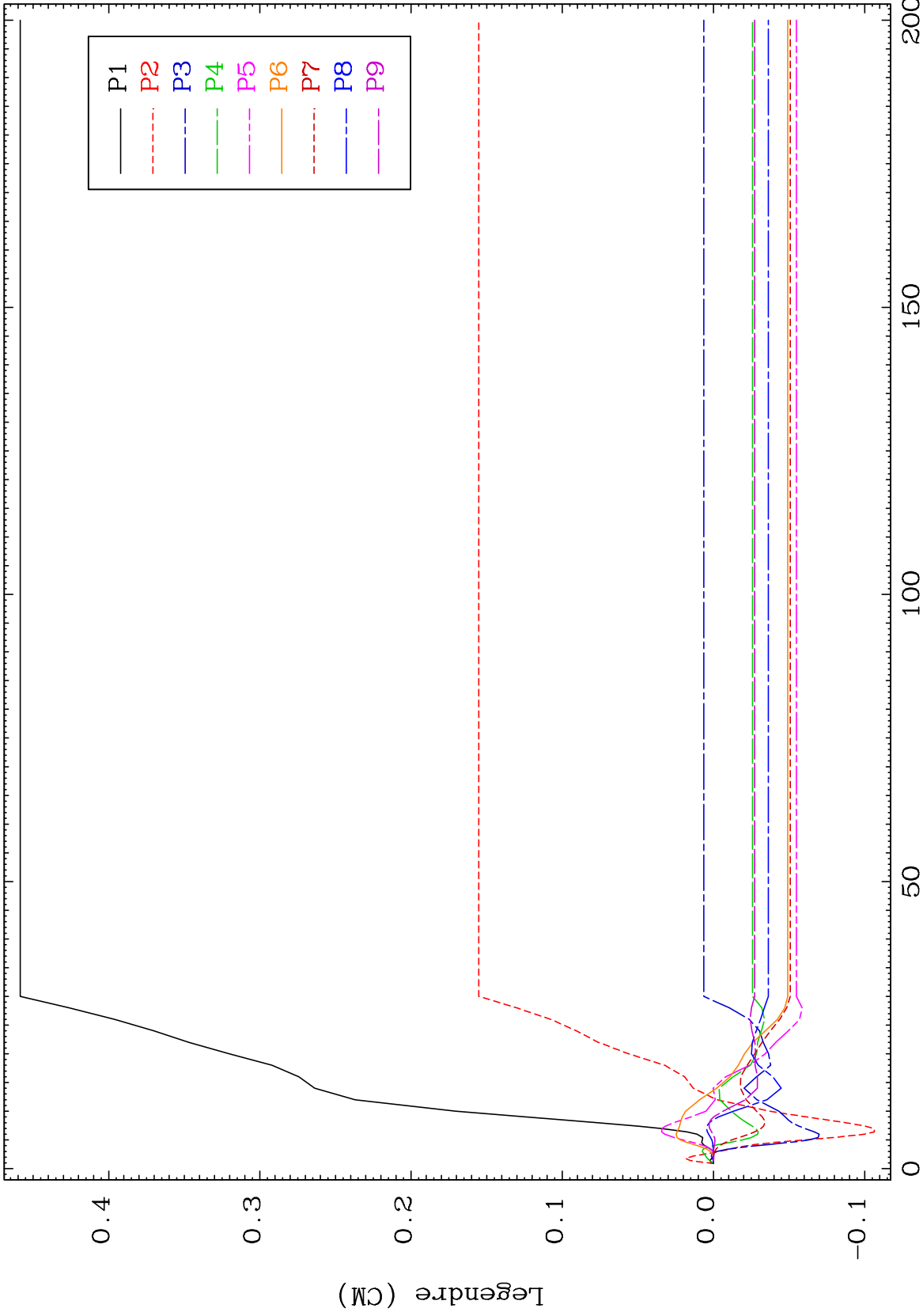


130 Incident Energy (MeV) 56-Ba-145

MAT 5670

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

56-Ba-145



131

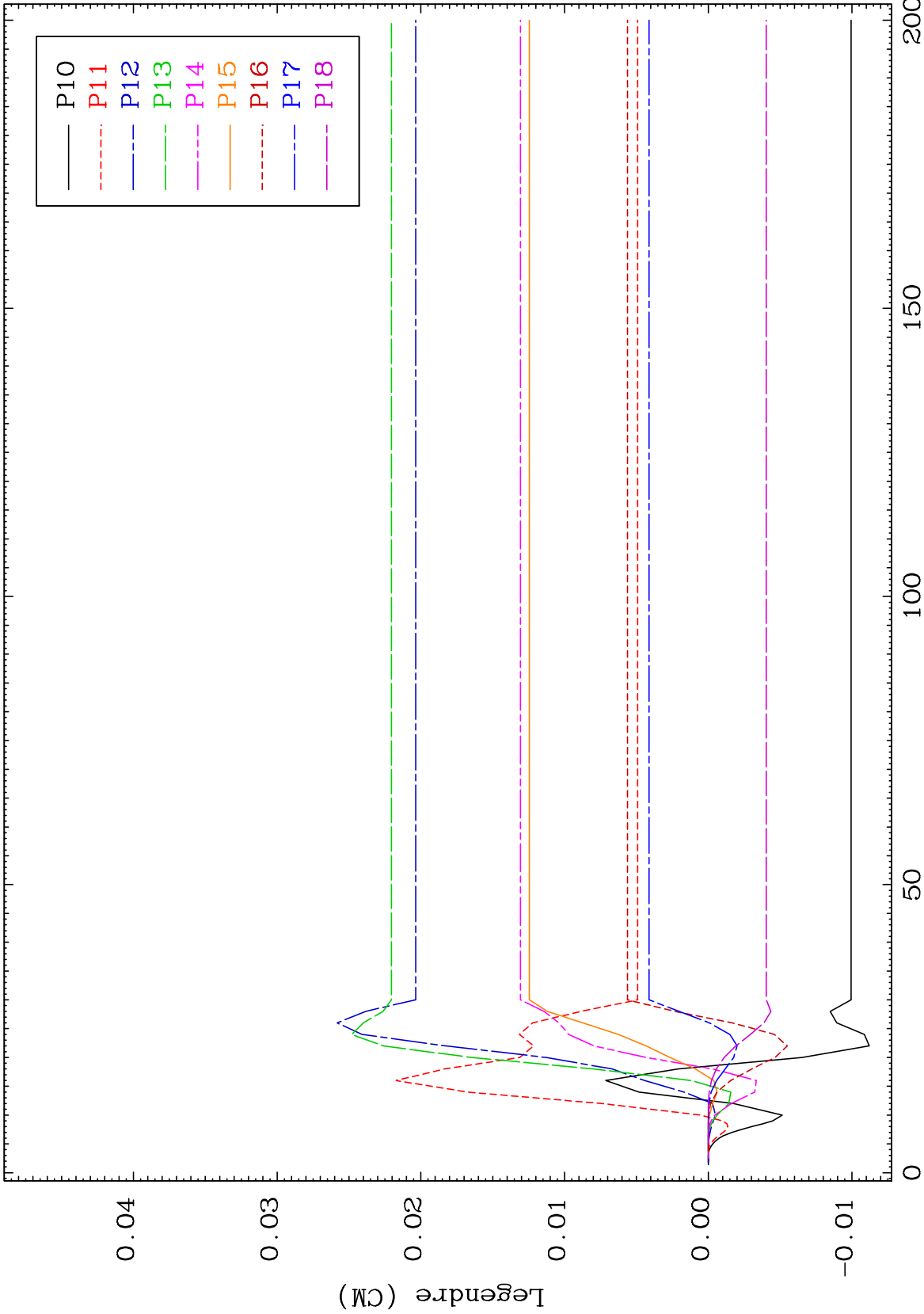
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



132

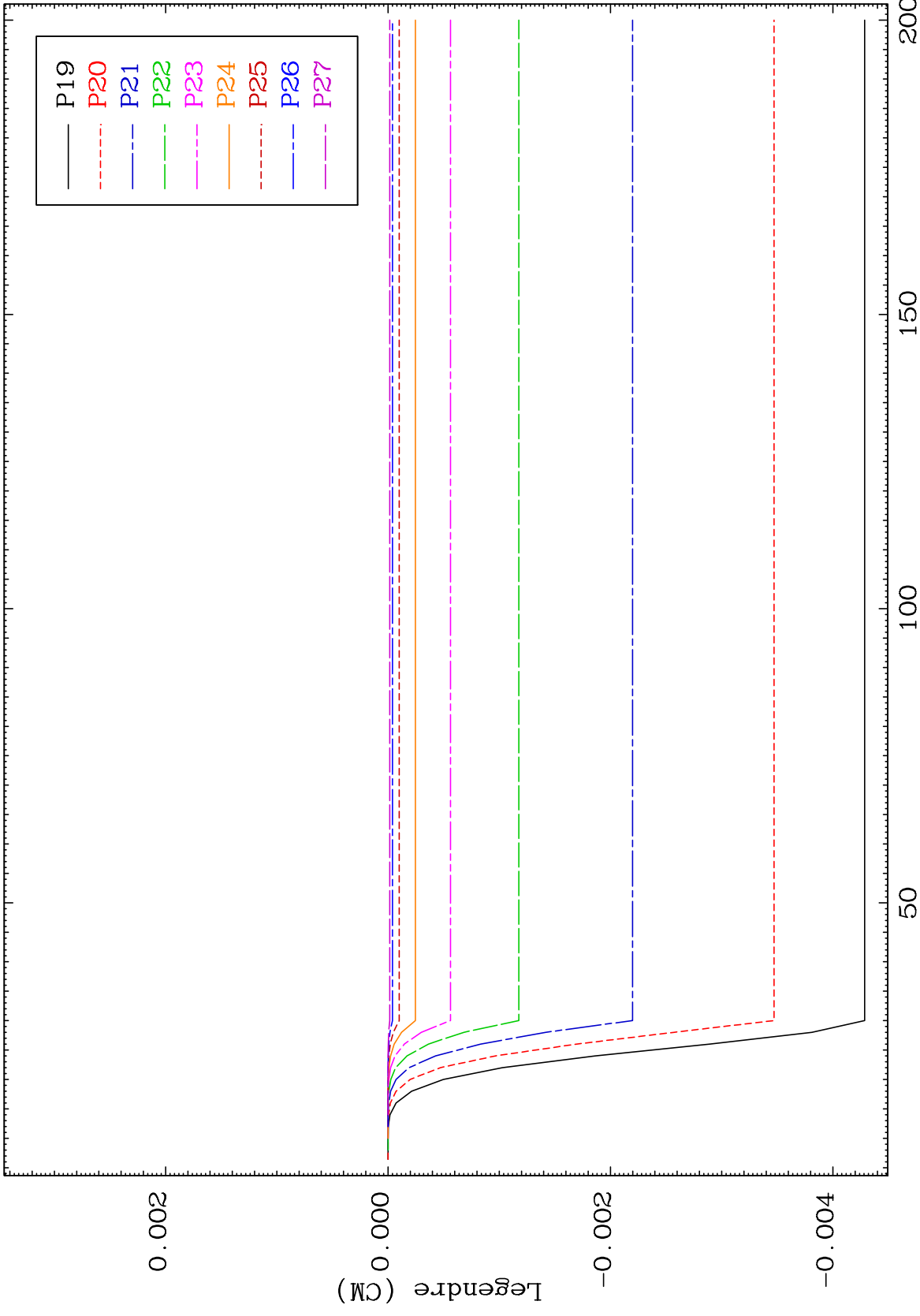
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145

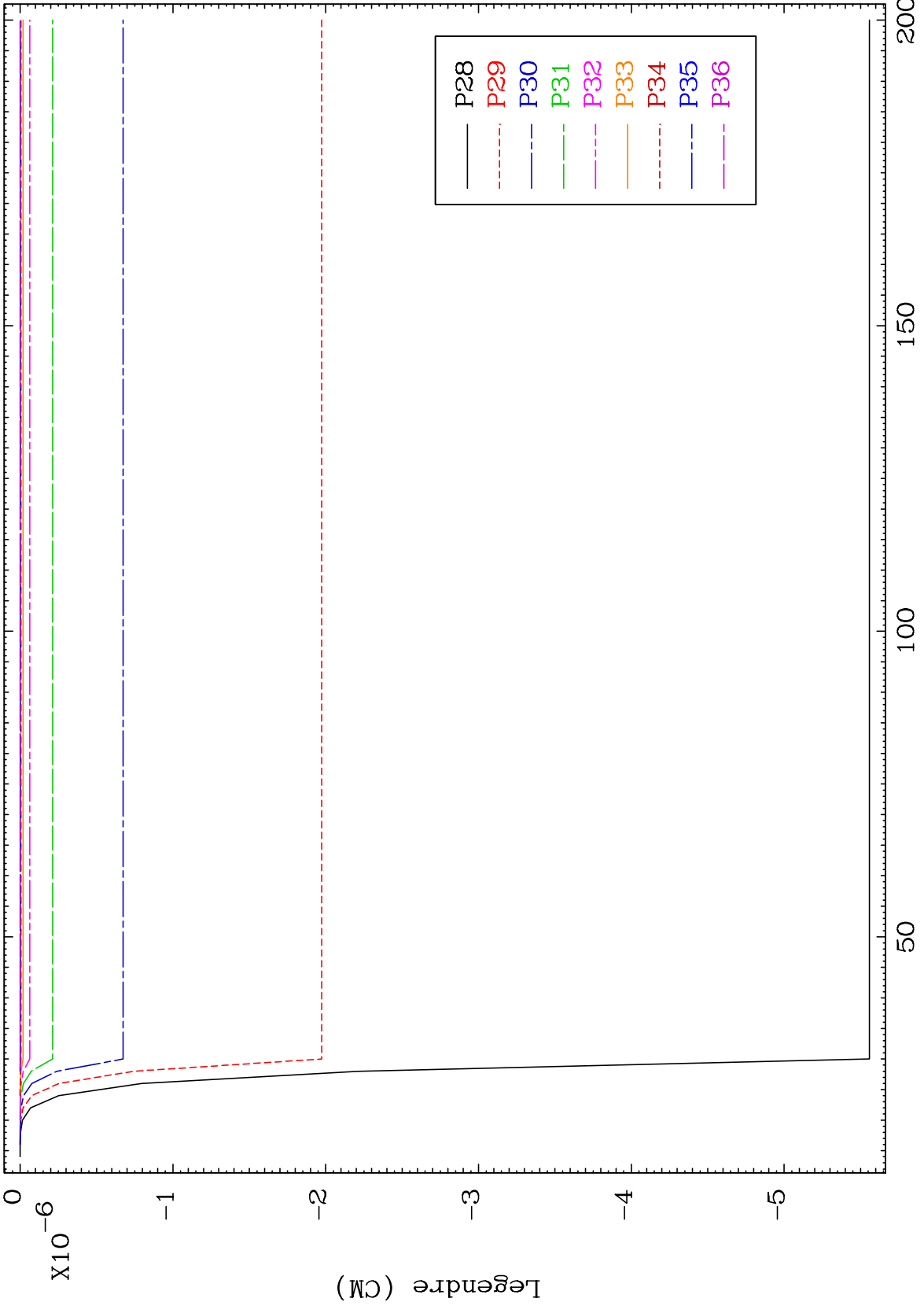


133

Incident Energy (MeV)

56-Ba-145

MAT 5670 MT= 79 (n,n') Level Legendre Coefficients 56-Ba-145



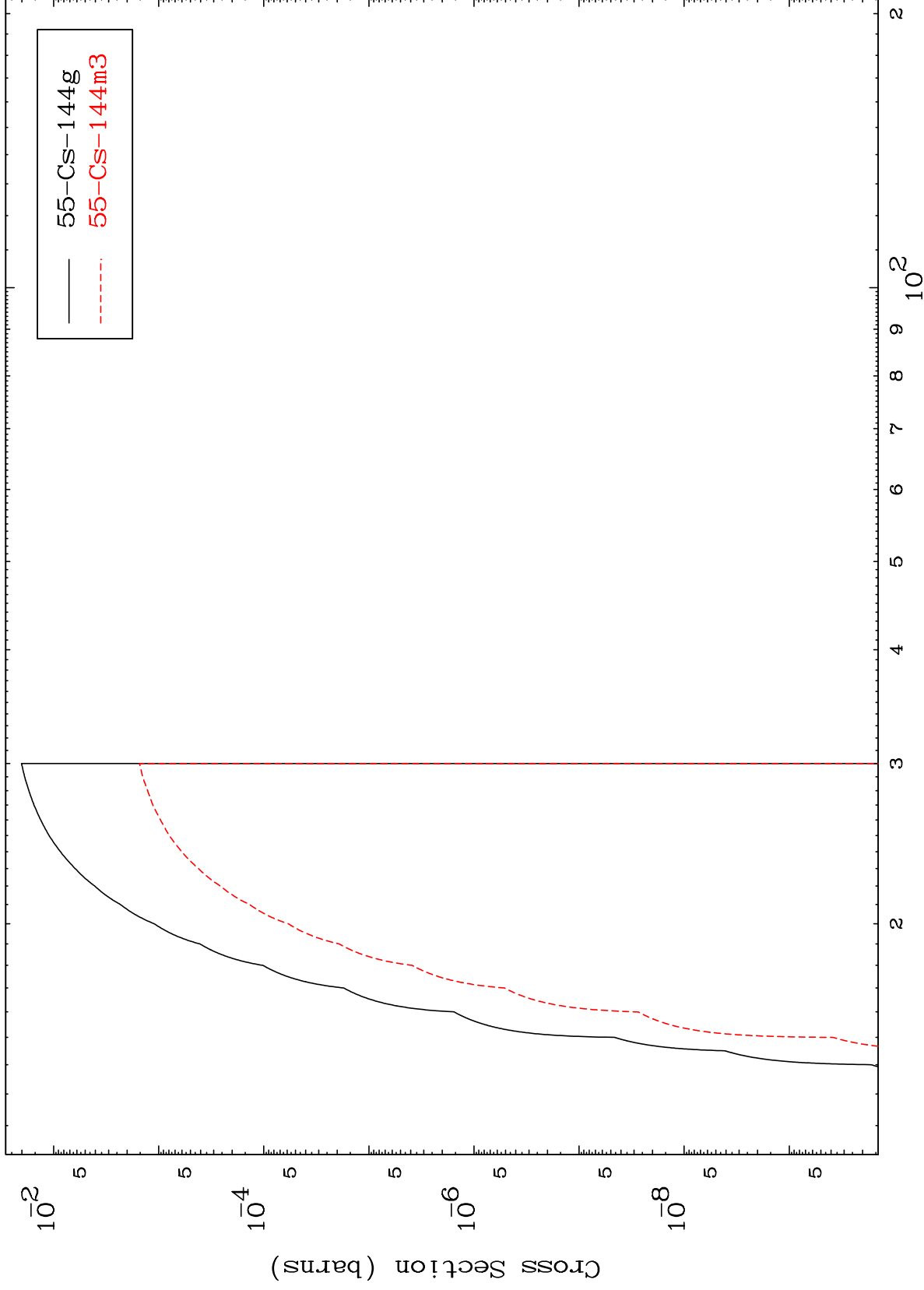
134 56-Ba-145

MAT 5670

(n,n') p

56-Ba-145

Radionuclide Production Cross Section



135

Incident Energy (MeV)

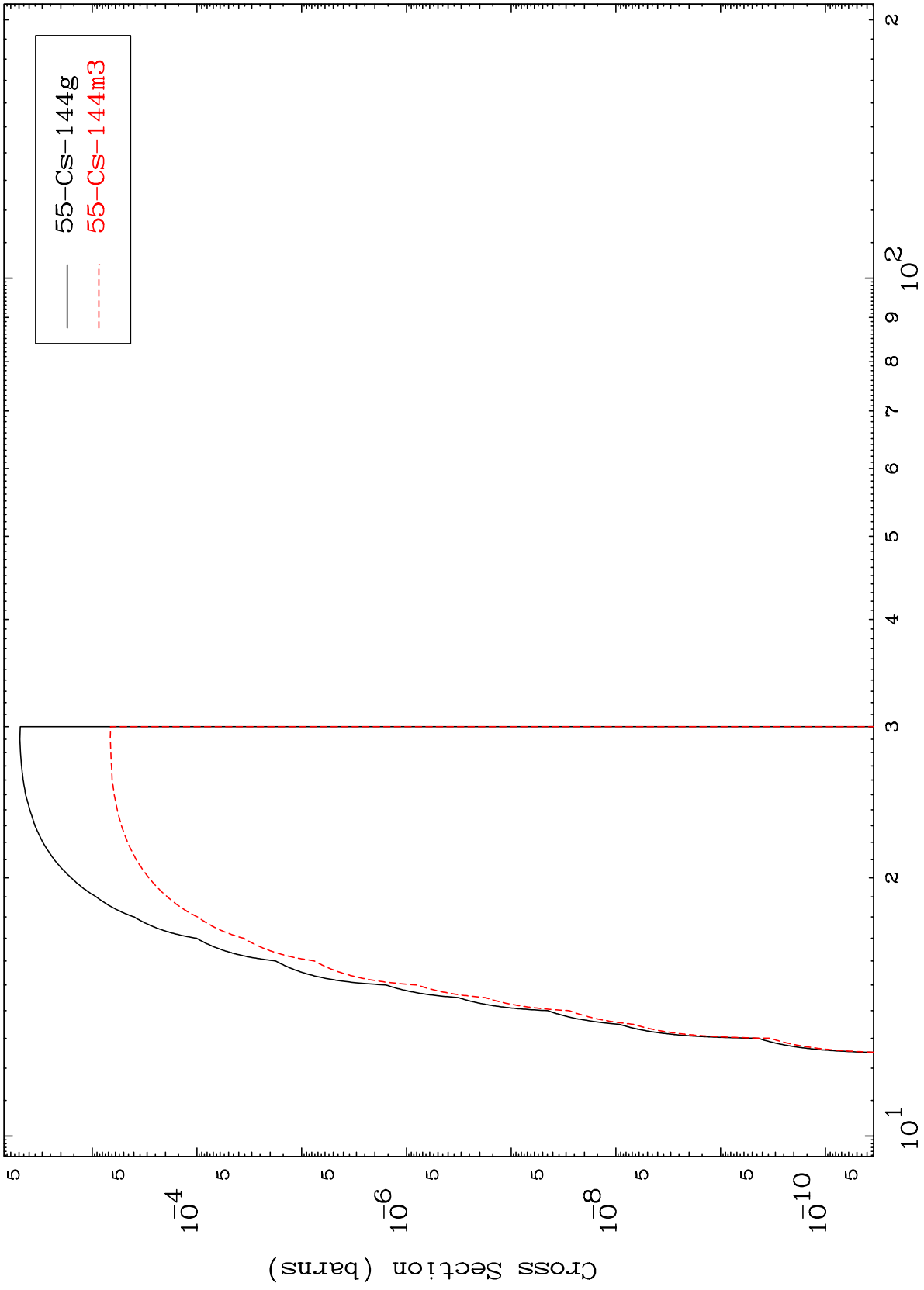
56-Ba-145

MAT 5670

(n,d)

56-Ba-145

Radionuclide Production Cross Section



136

Incident Energy (MeV)

56-Ba-145