

Program EVALPLOT
(Version 2018-1)

by

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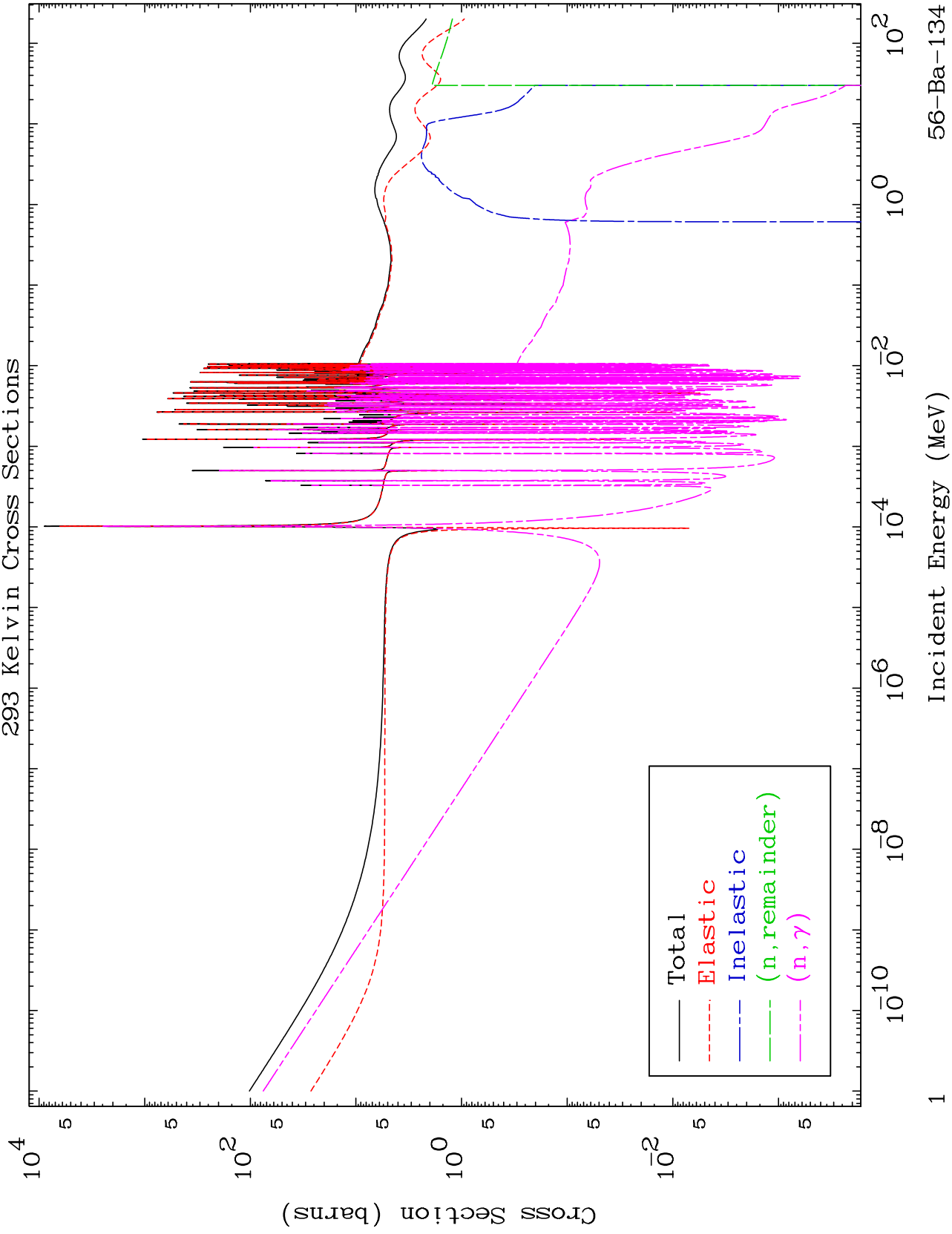
Press Mouse Button to Start

MAT 5637

Major

293 Kelvin Cross Sections

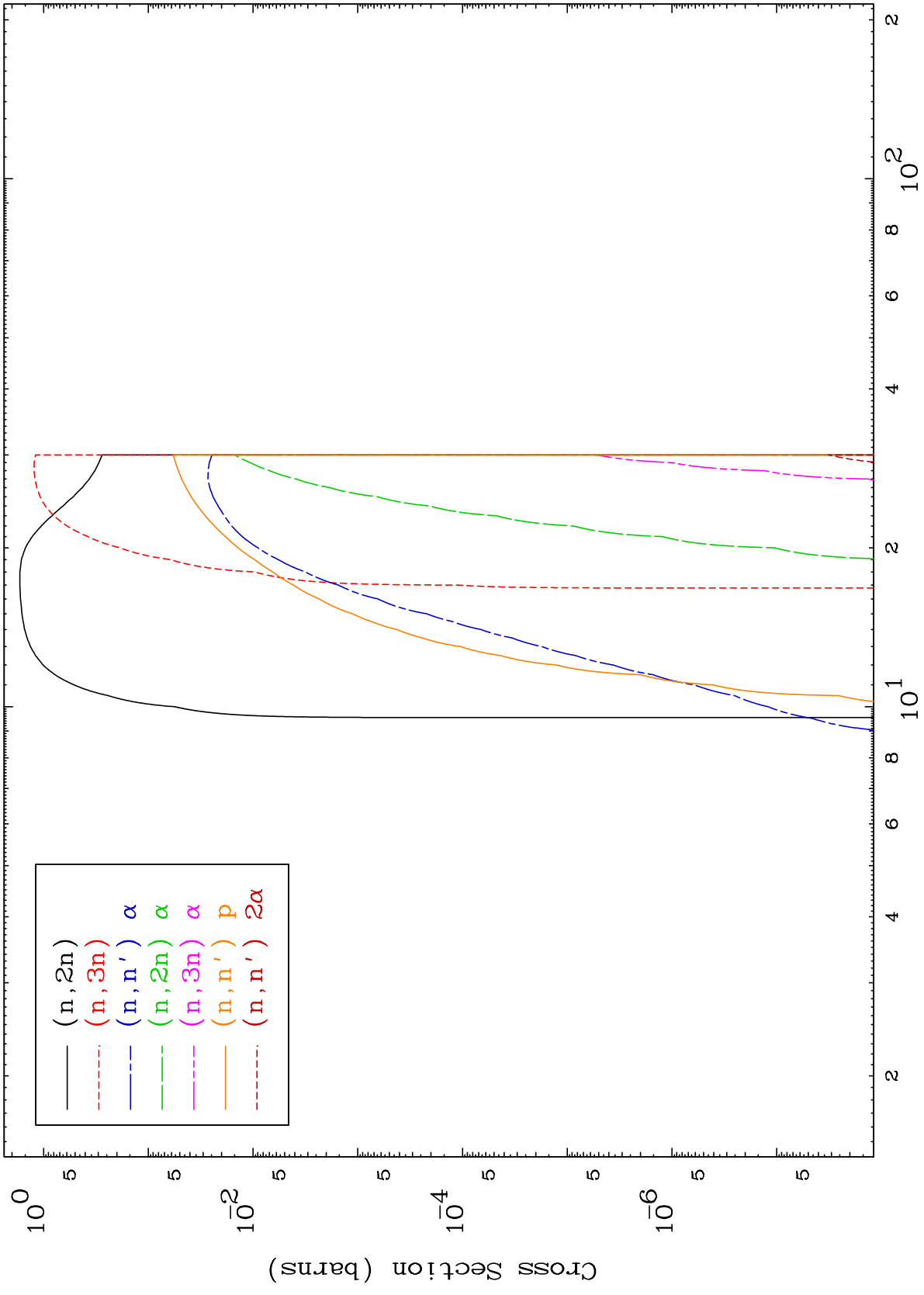
56-Ba-134



MAT 5637

Neutron Production
293 Kelvin Cross Sections

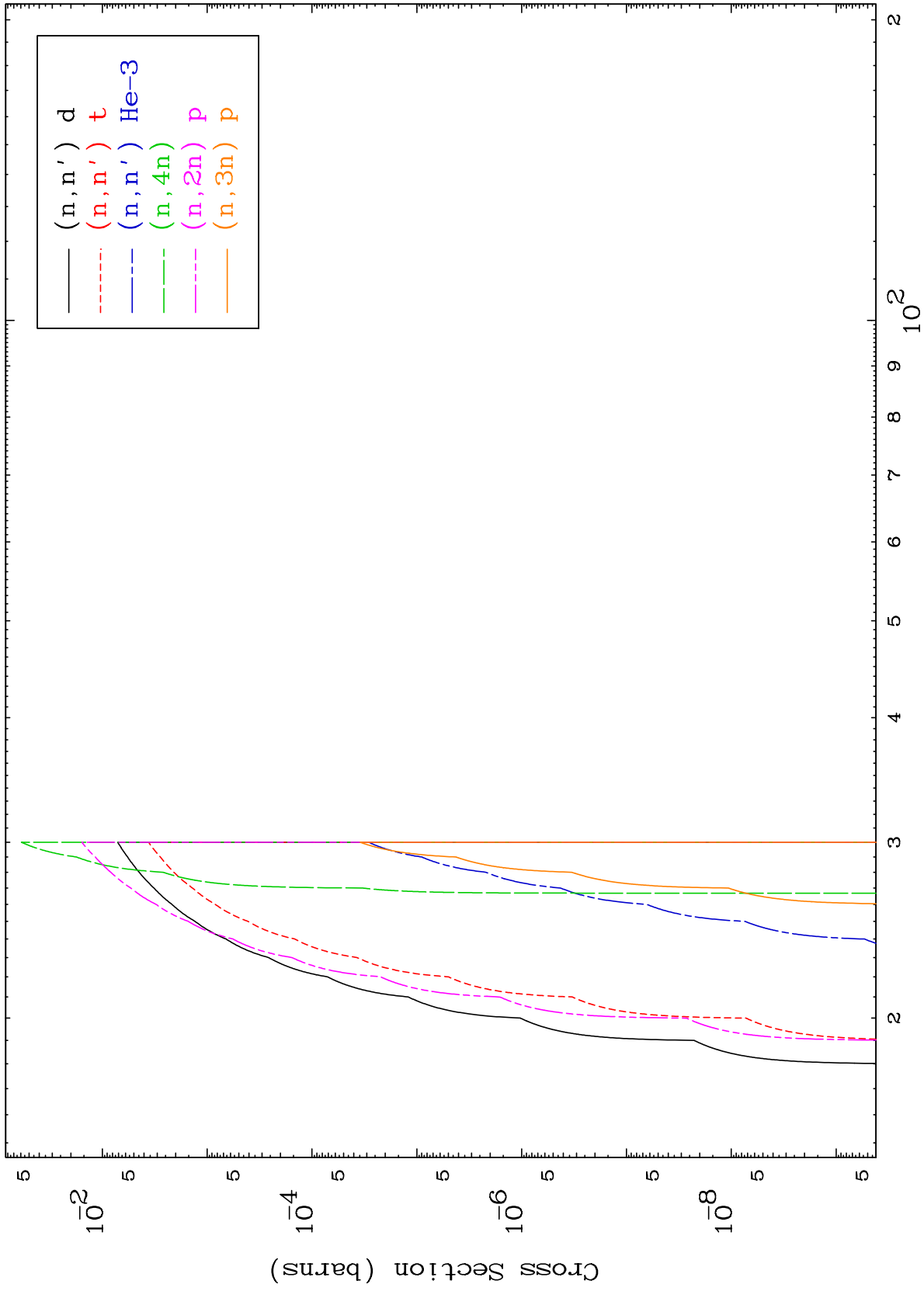
56-Ba-134

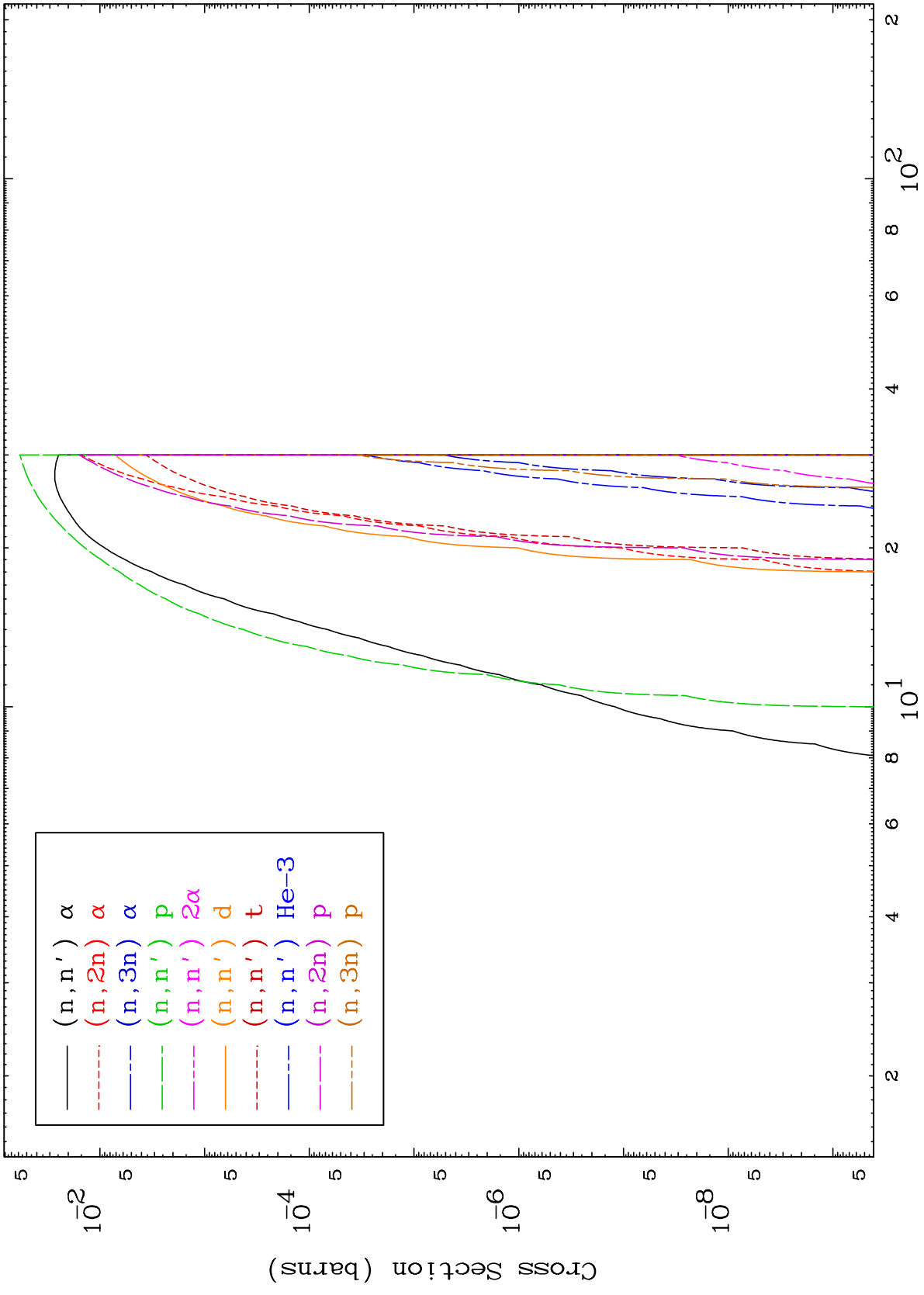


2

Incident Energy (MeV)

56-Ba-134

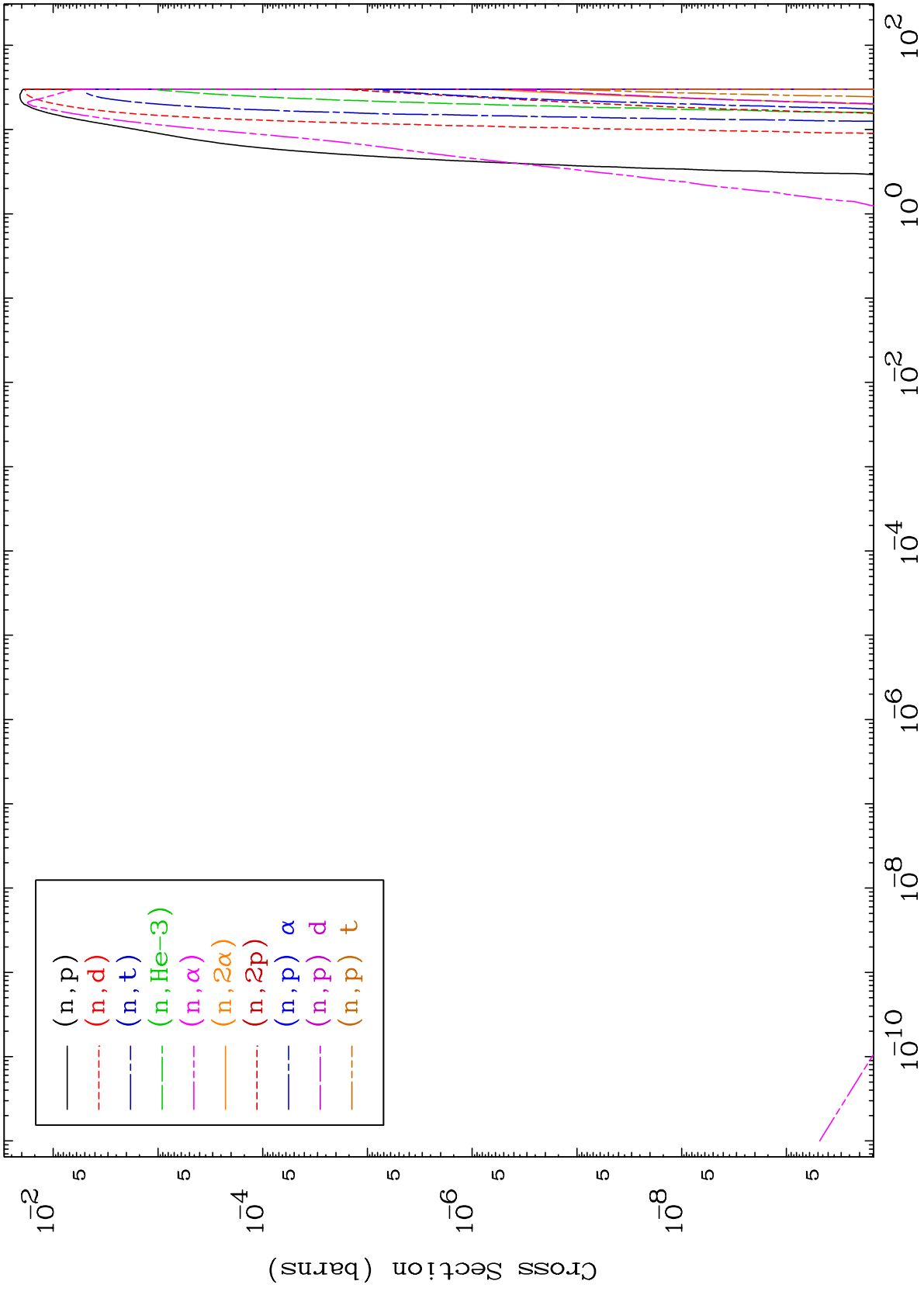




MAT 5637

Charged Particle
293 Kelvin Cross Sections

56-Ba-134



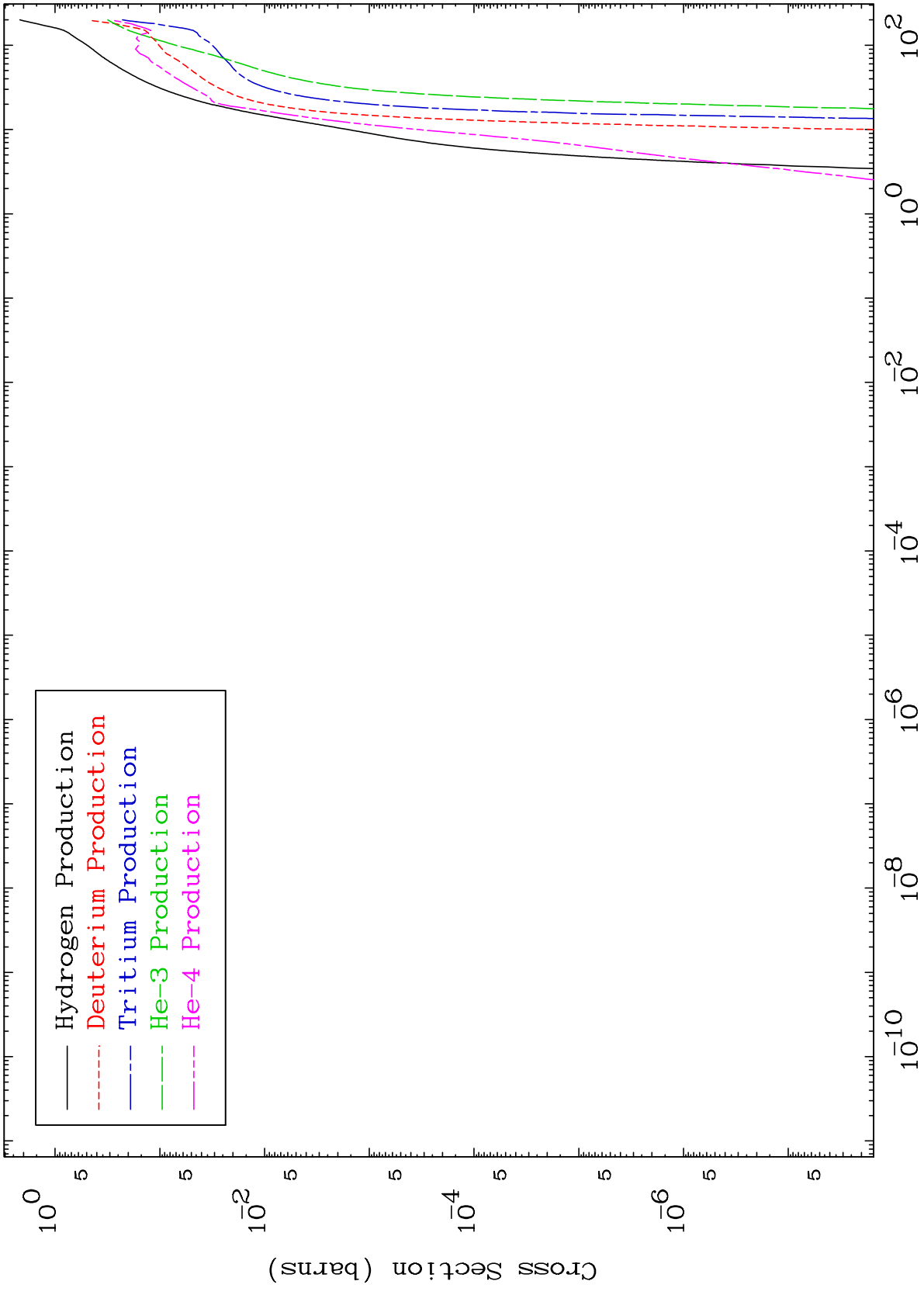
5

56-Ba-134

MAT 5637

Particle Production
293 Kelvin Cross Sections

56-Ba-134



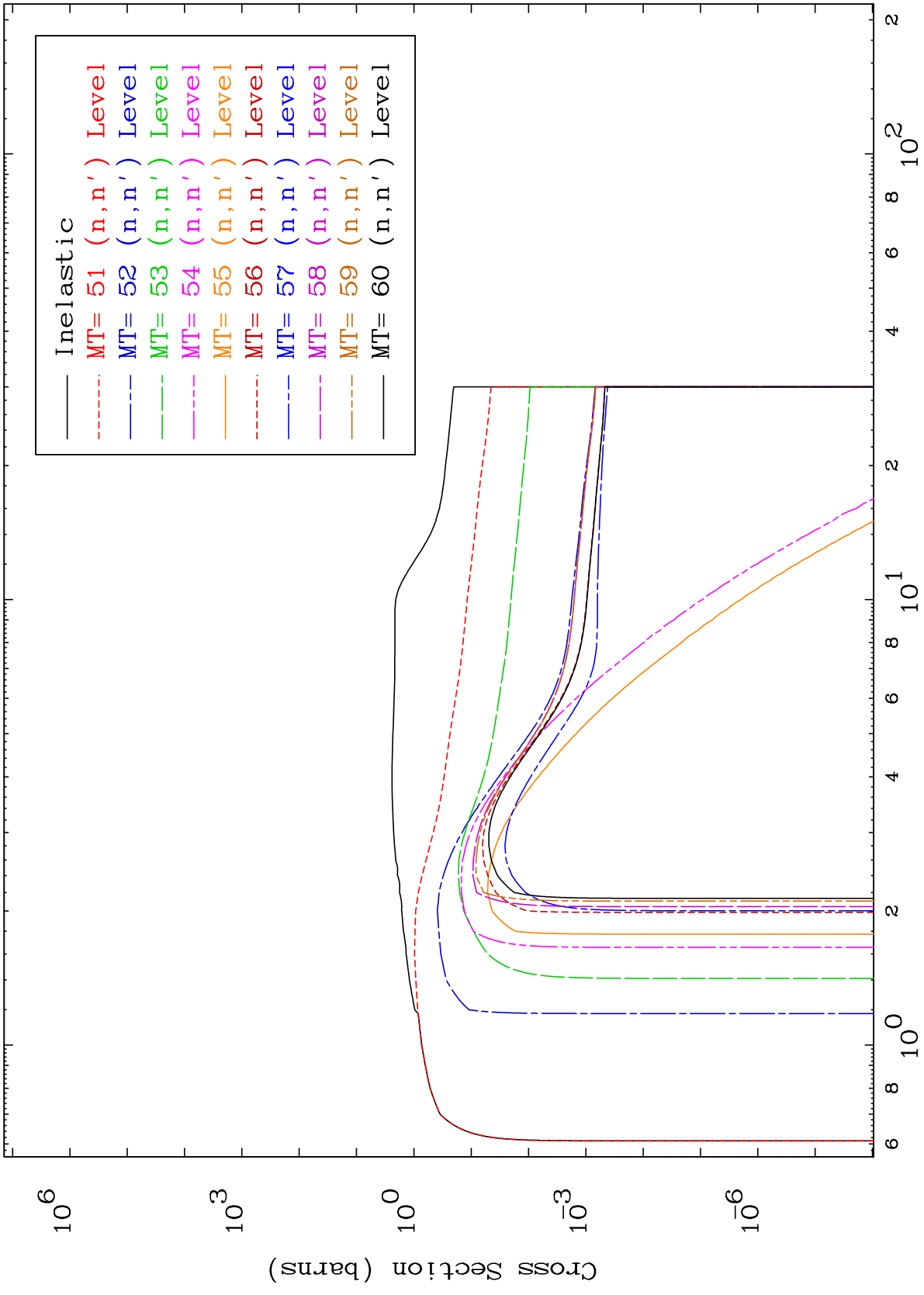
56-Ba-134

MAT 5637

(n,n') Level

56-Ba-134

293 Kelvin Cross Sections



7

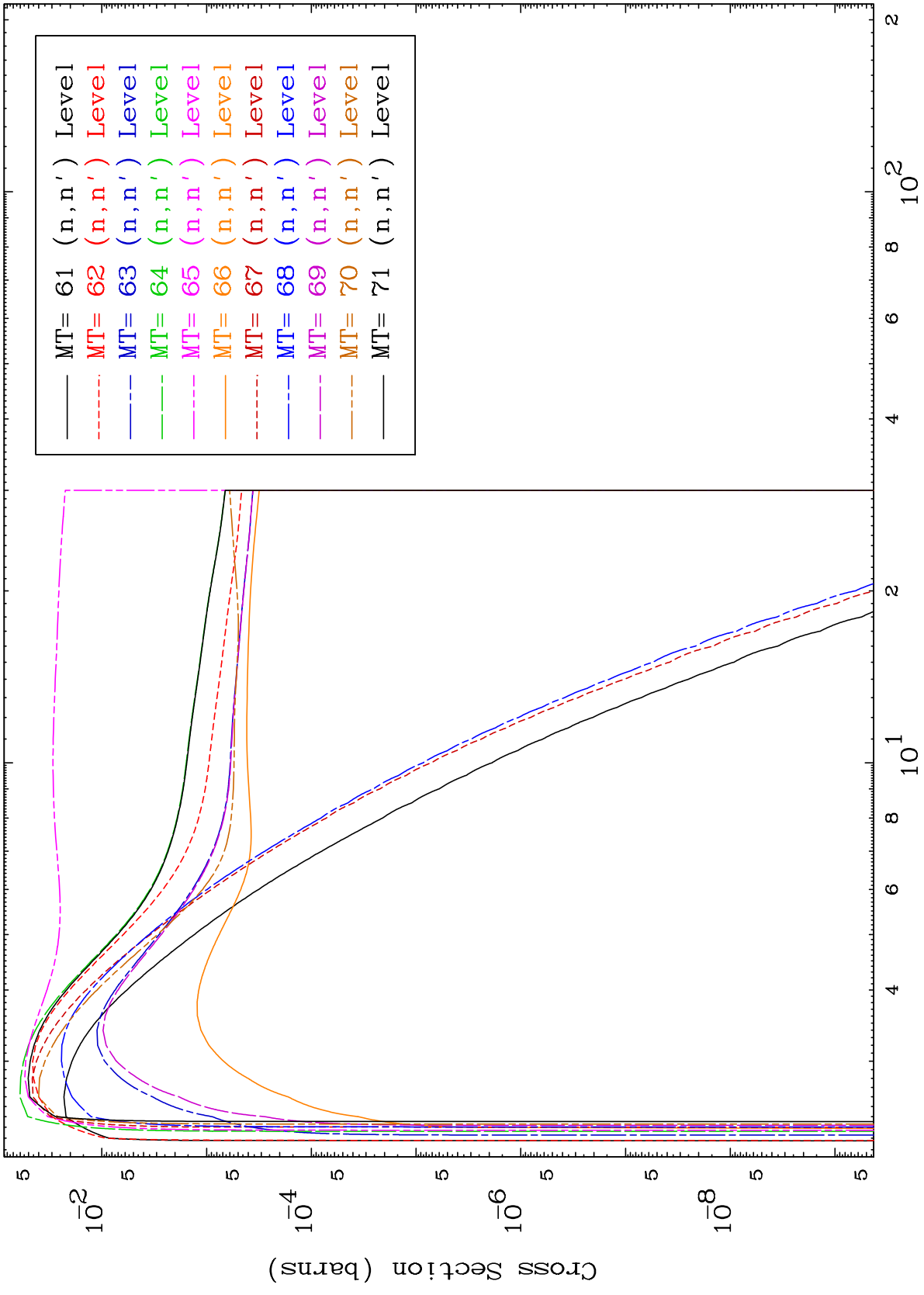
Incident Energy (MeV)

56-Ba-134

MAT 5637

(n,n') Level
293 Kelvin Cross Sections

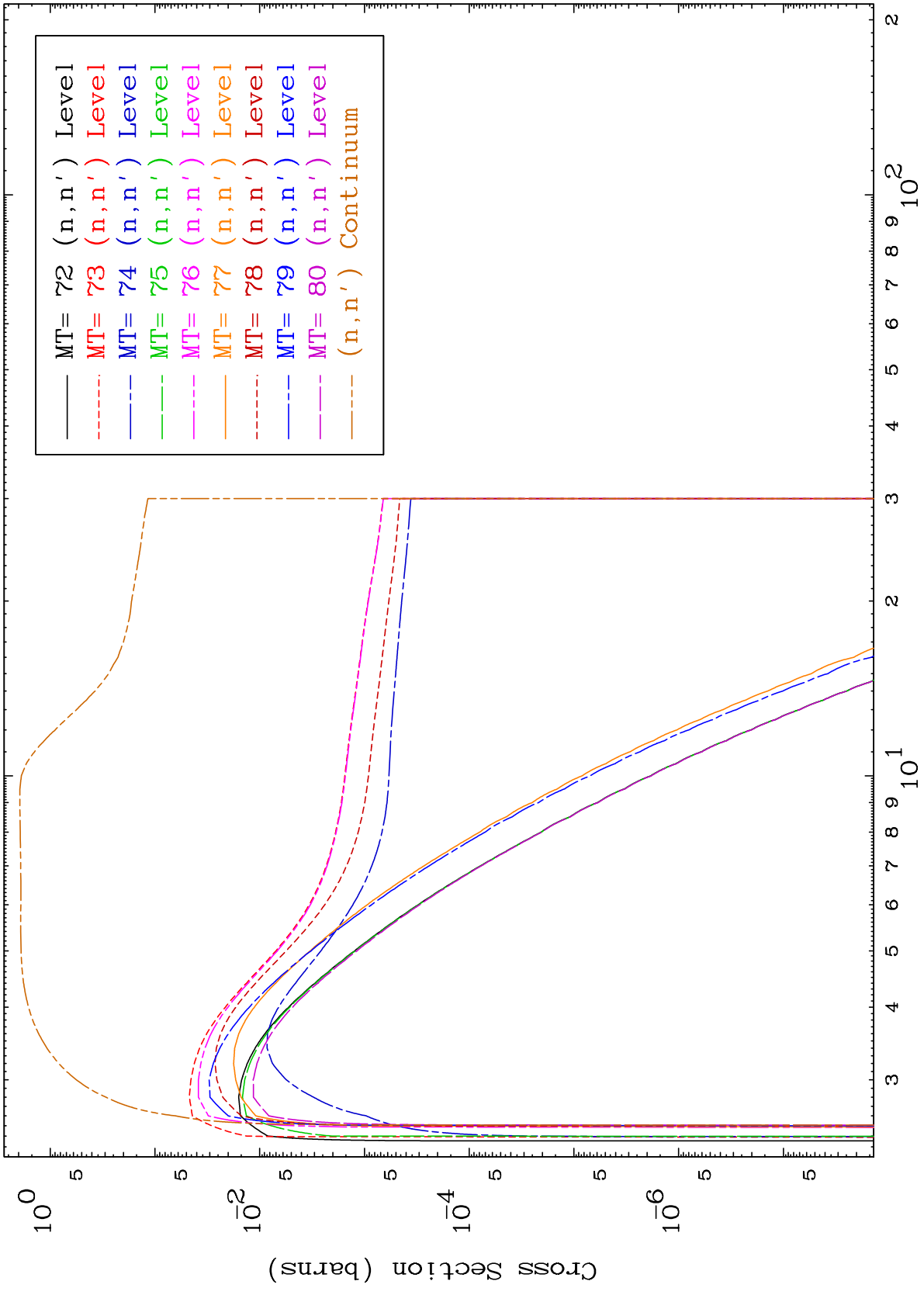
56-Ba-134



8

Incident Energy (MeV)

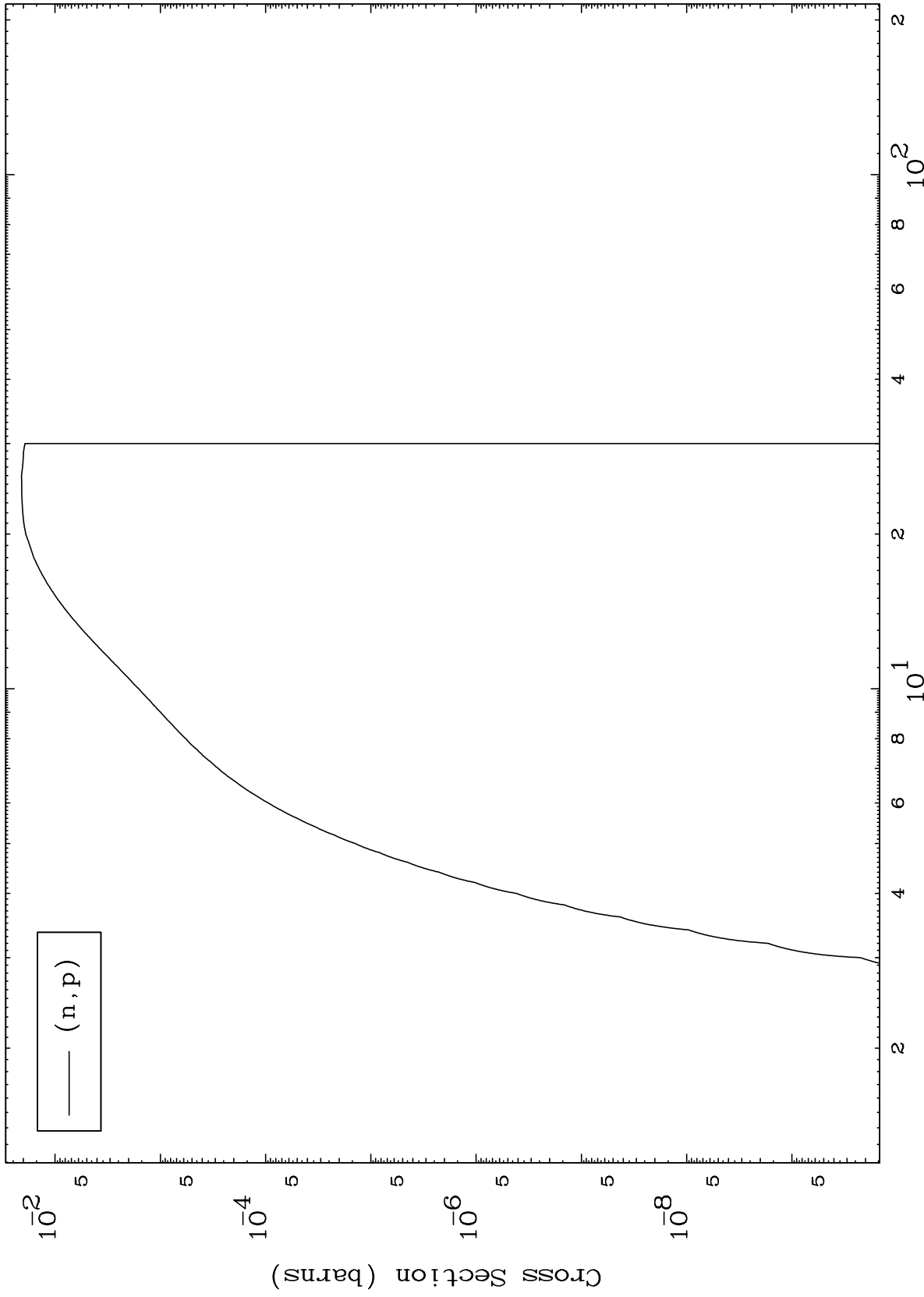
56-Ba-134



MAT 5637

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-134



10

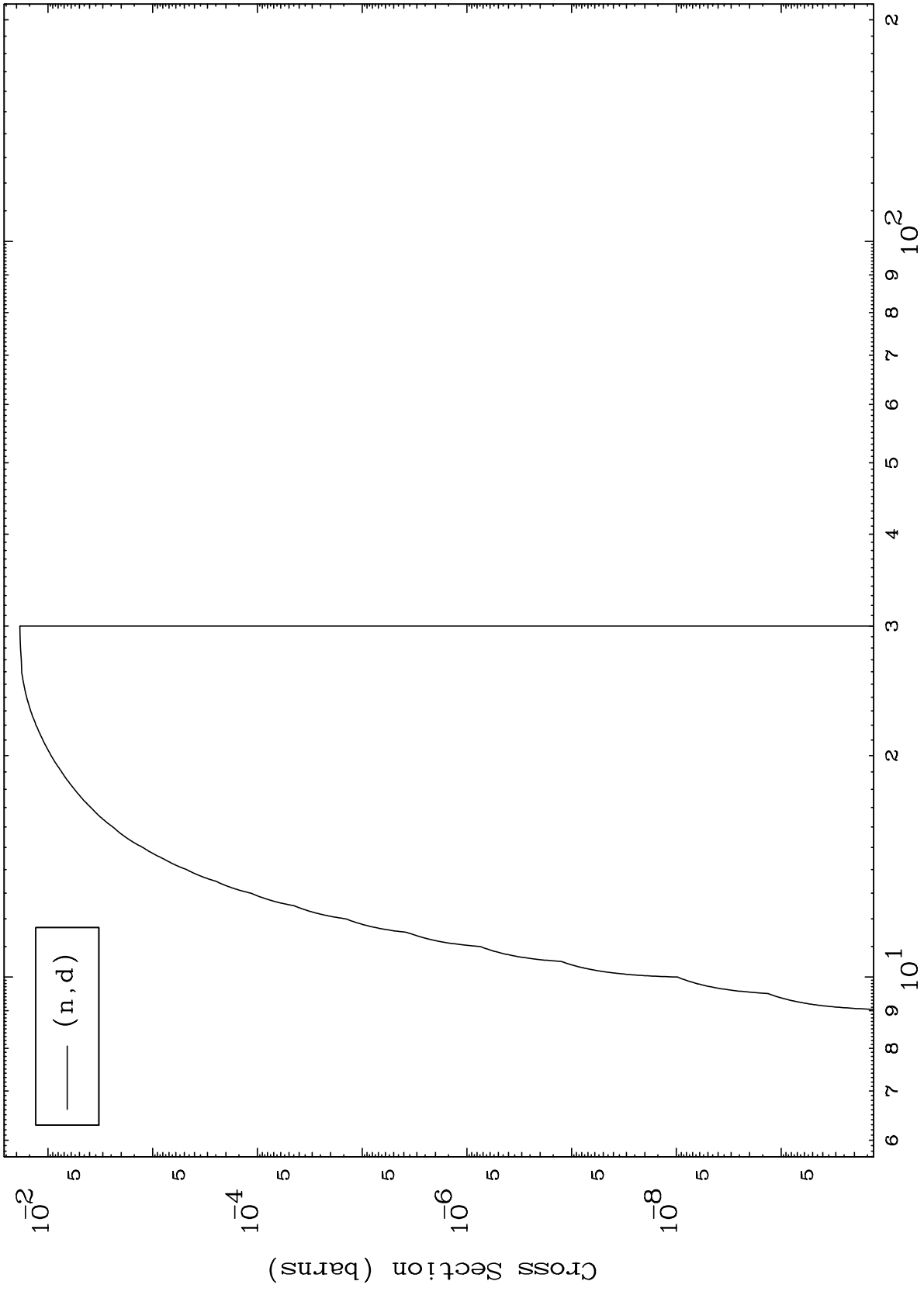
Incident Energy (MeV)

56-Ba-134

MAT 5637

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-134



11

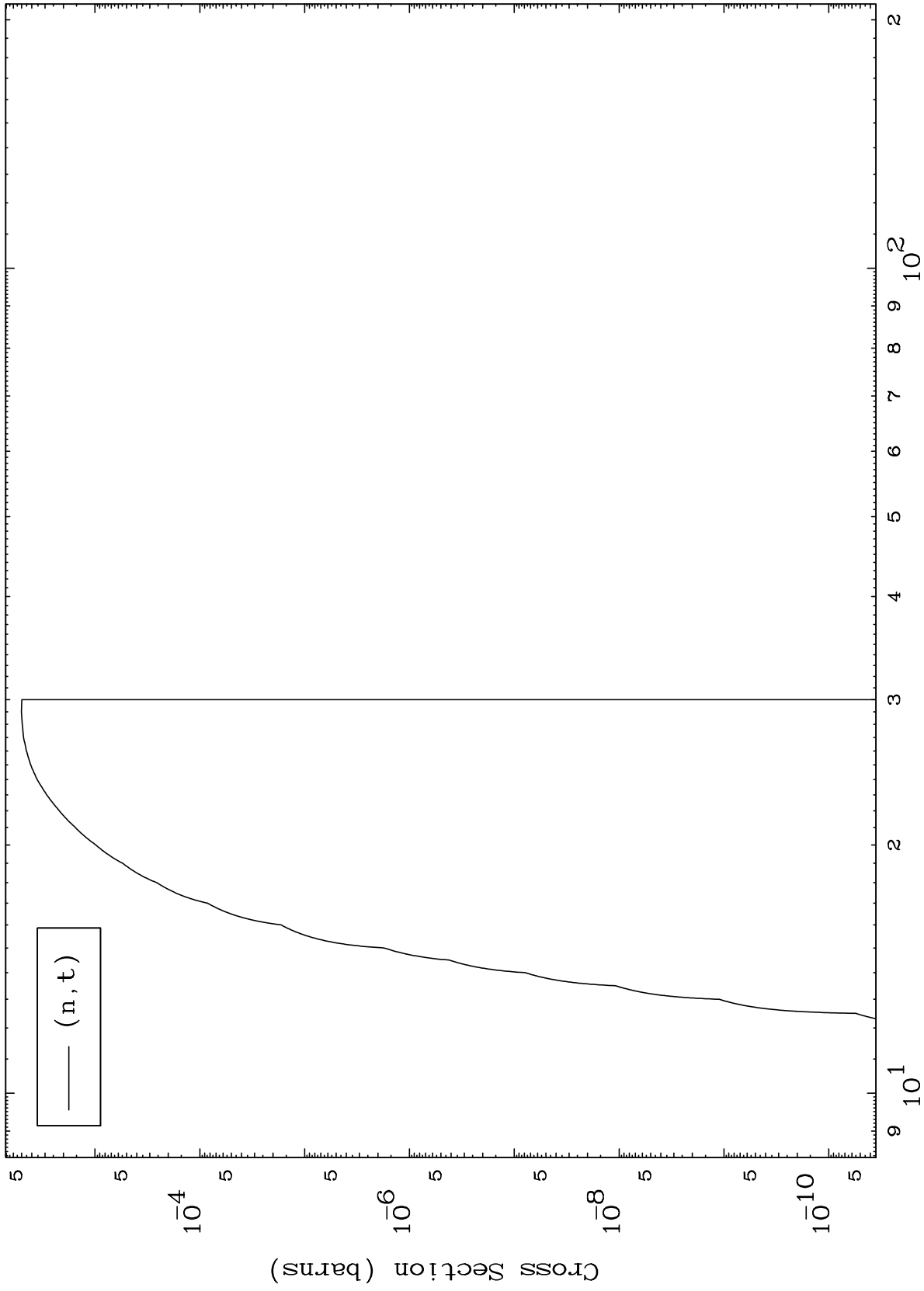
Incident Energy (MeV)

56-Ba-134

MAT 5637

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-134



12

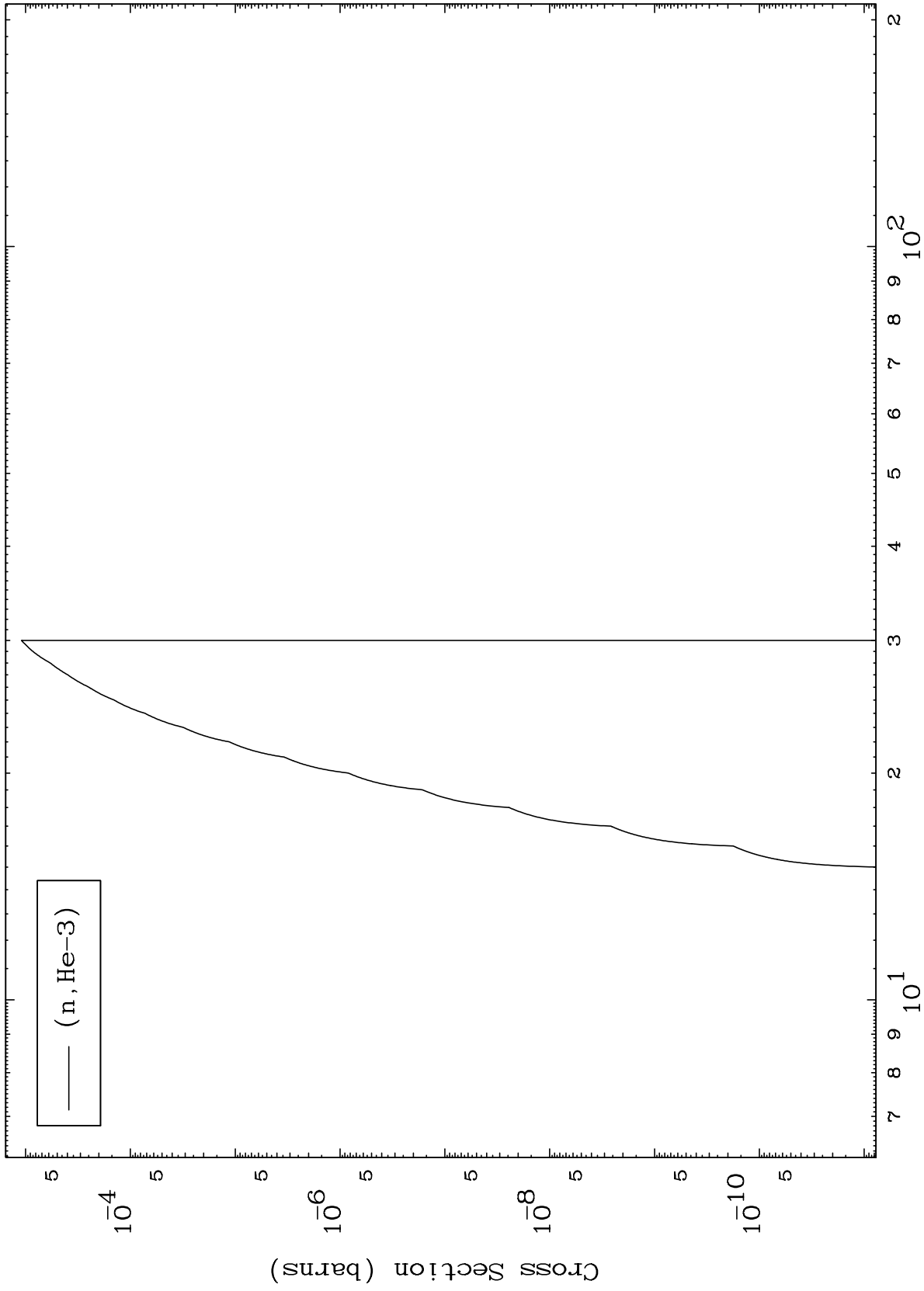
Incident Energy (MeV)

56-Ba-134

MAT 5637

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-134



13

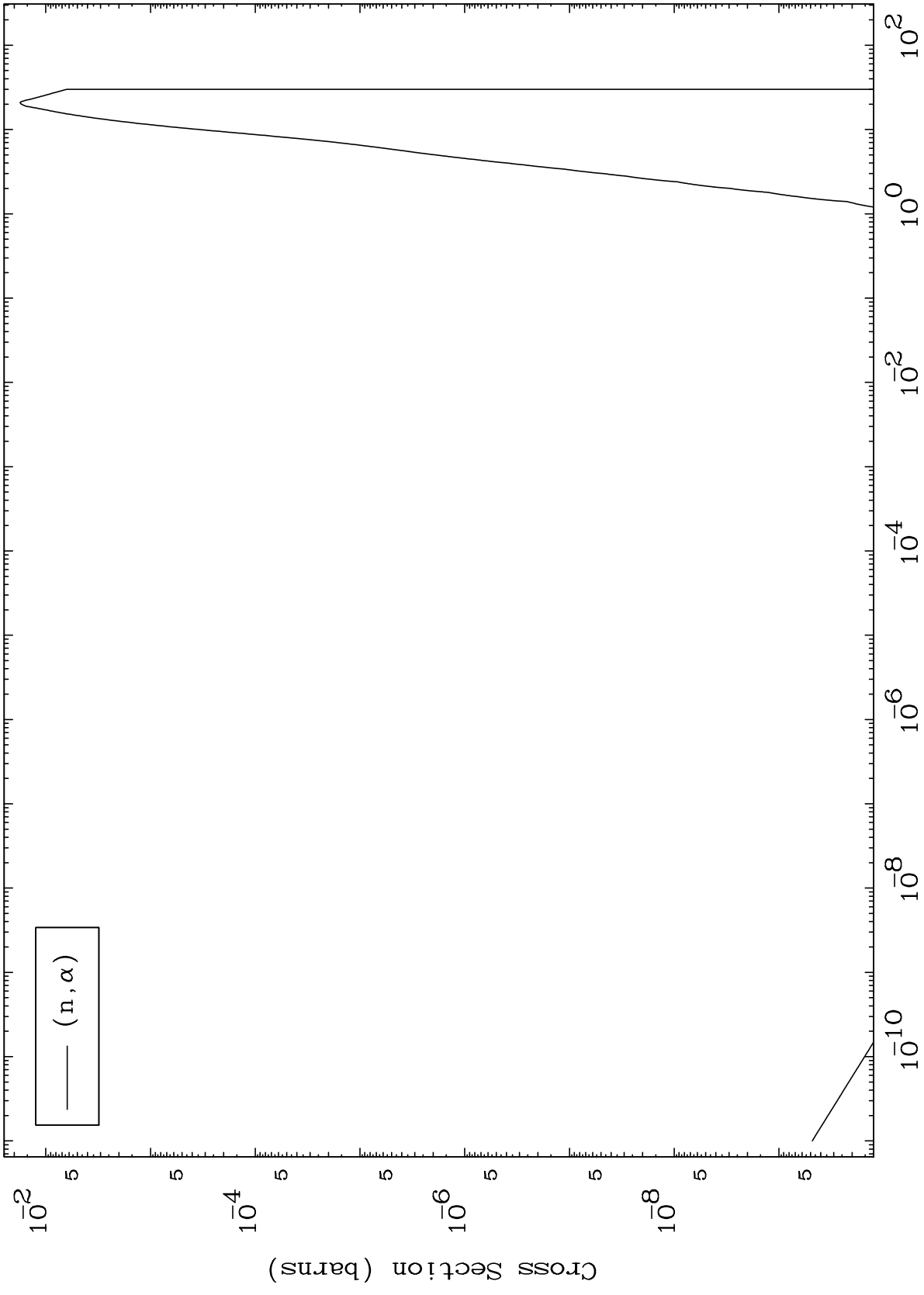
Incident Energy (MeV)

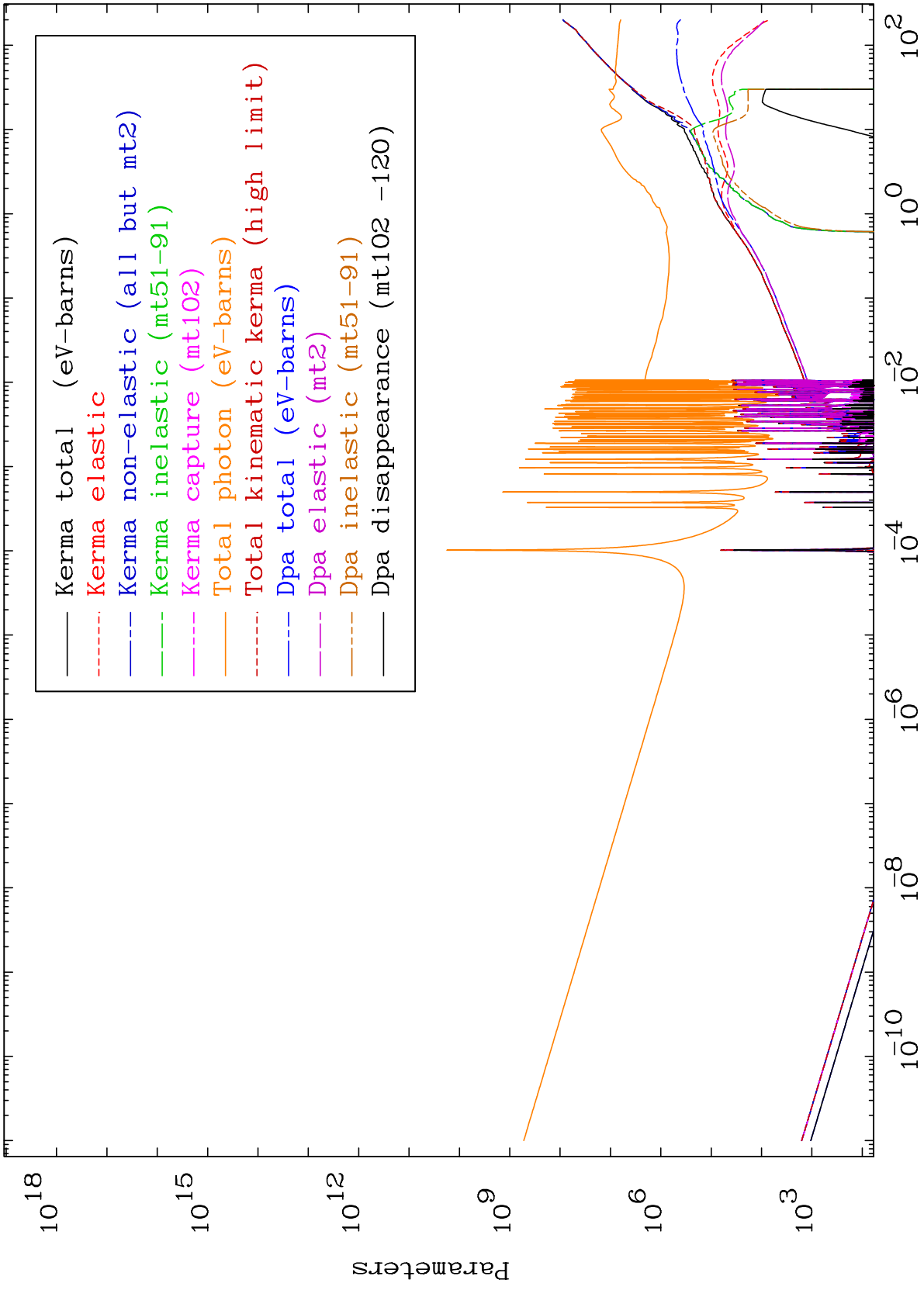
56-Ba-134

MAT 5637

(n,α) Levels
293 Kelvin Cross Sections

56-Ba-134

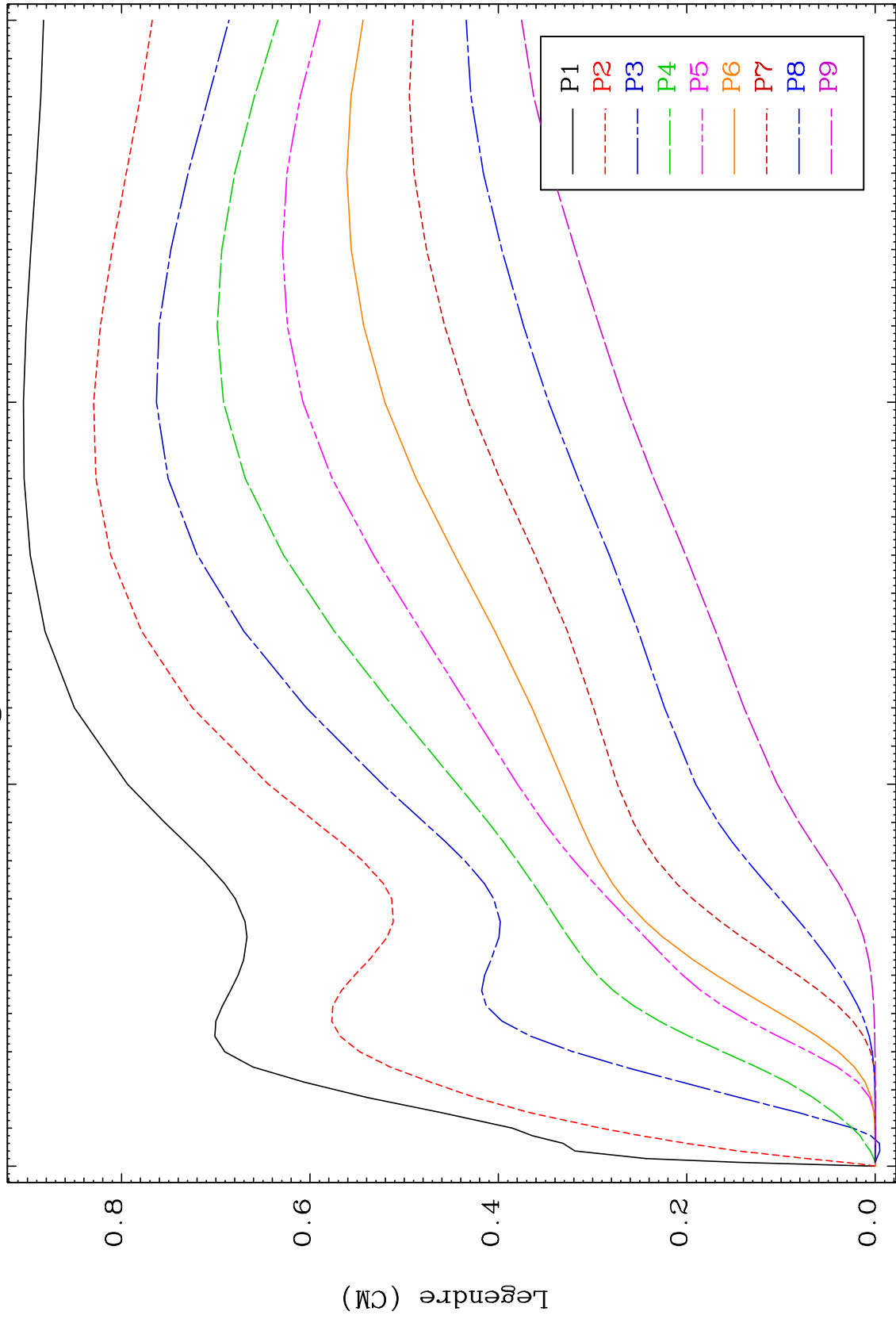




MAT 5637

Elastic Legendre Coefficients

56-Ba-134



16

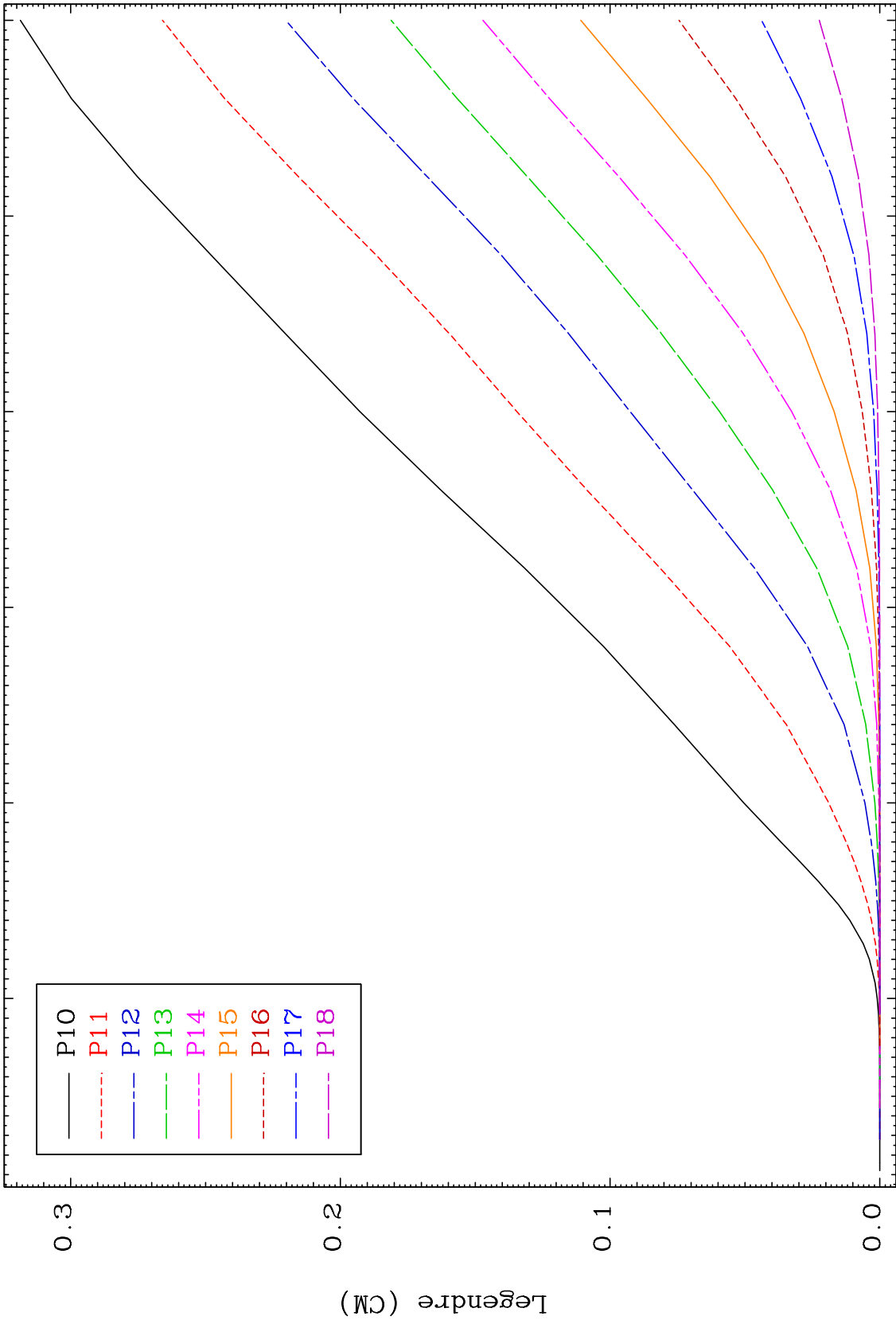
Incident Energy (MeV)

56-Ba-134

MAT 5637

Elastic Legendre Coefficients

56-Ba-134



17

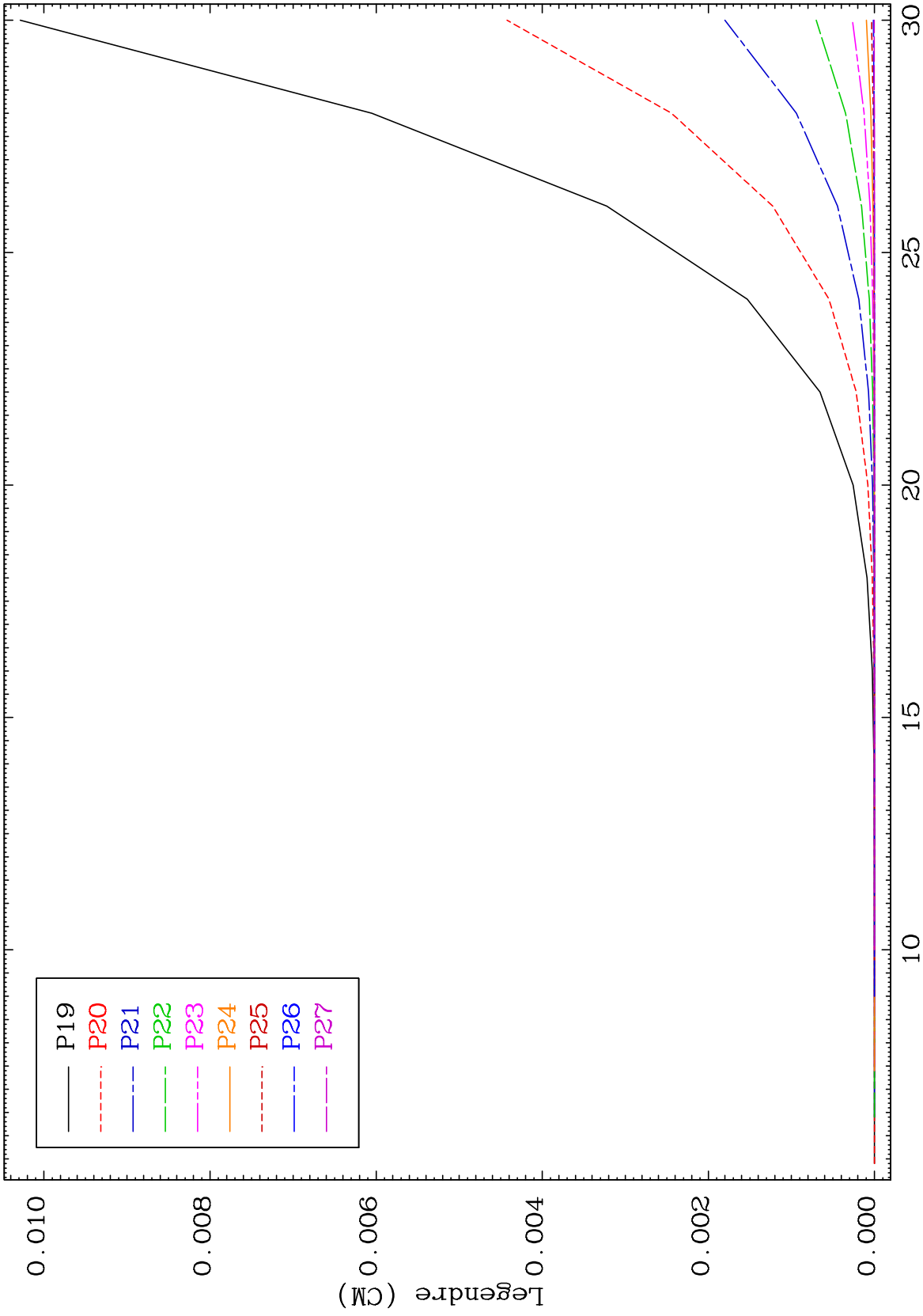
Incident Energy (MeV)

56-Ba-134

MAT 5637

Elastic Legendre Coefficients

56-Ba-134



18

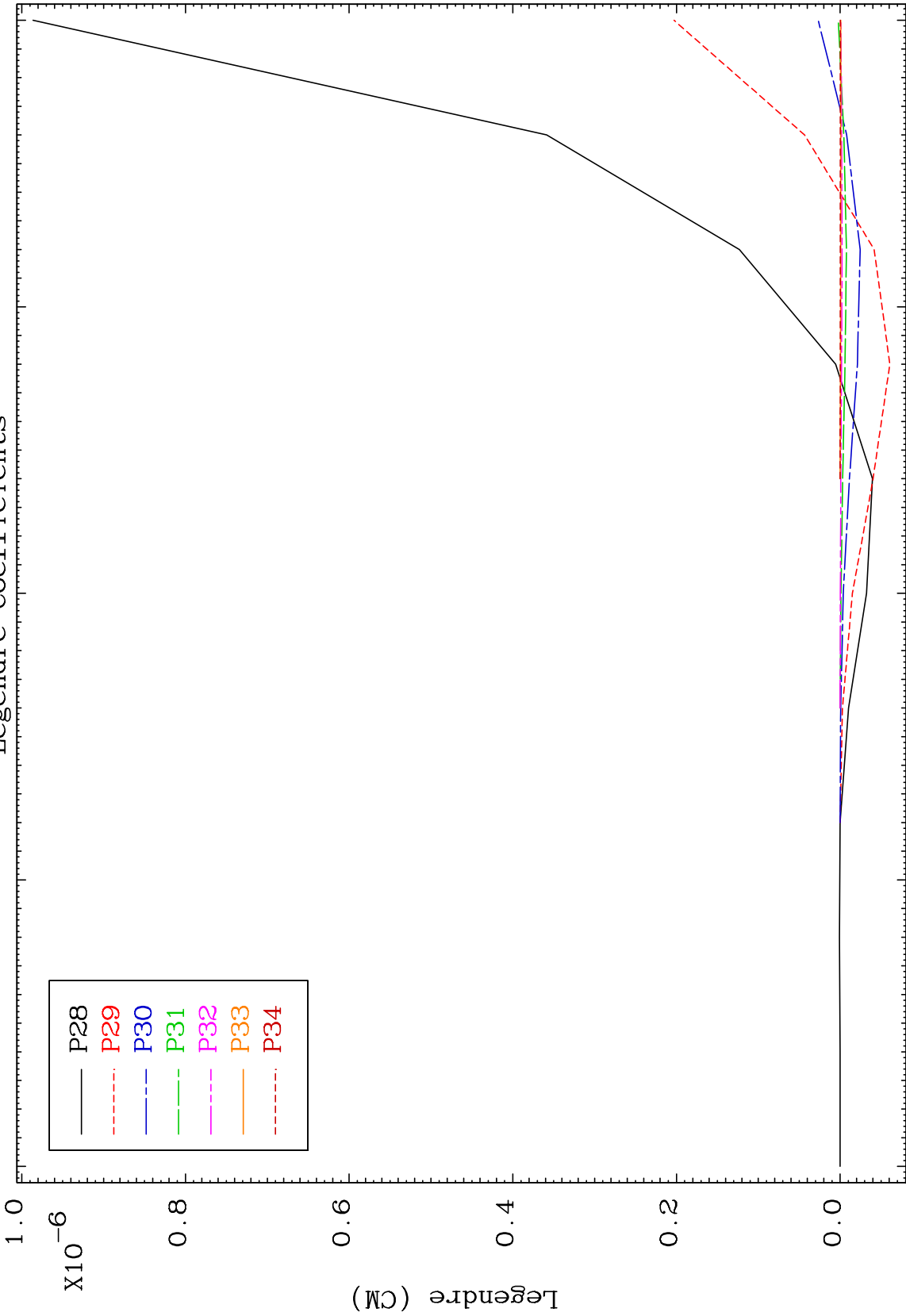
Incident Energy (MeV)

56-Ba-134

MAT 5637

Elastic Legendre Coefficients

56-Ba-134



19

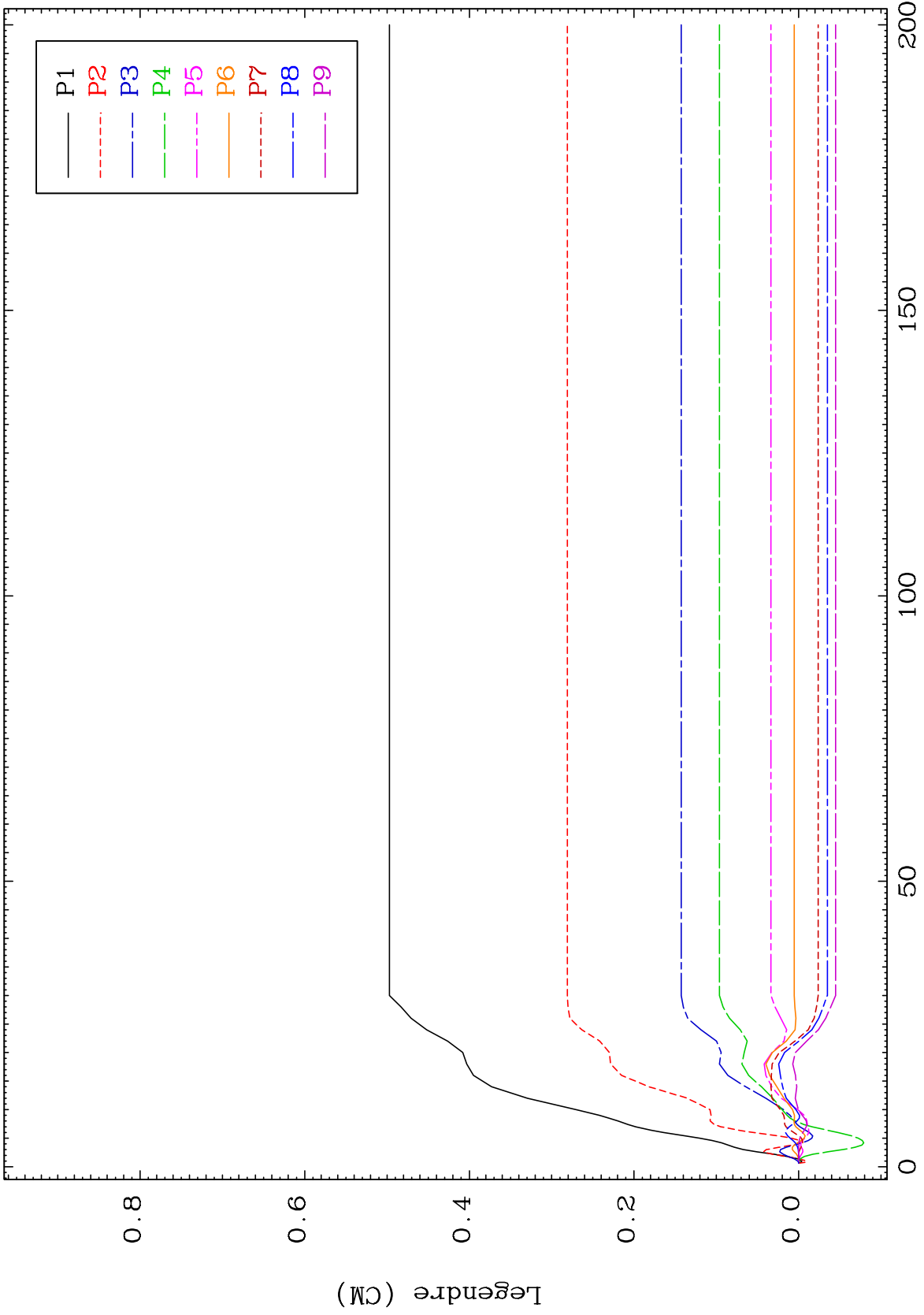
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



56-Ba-134

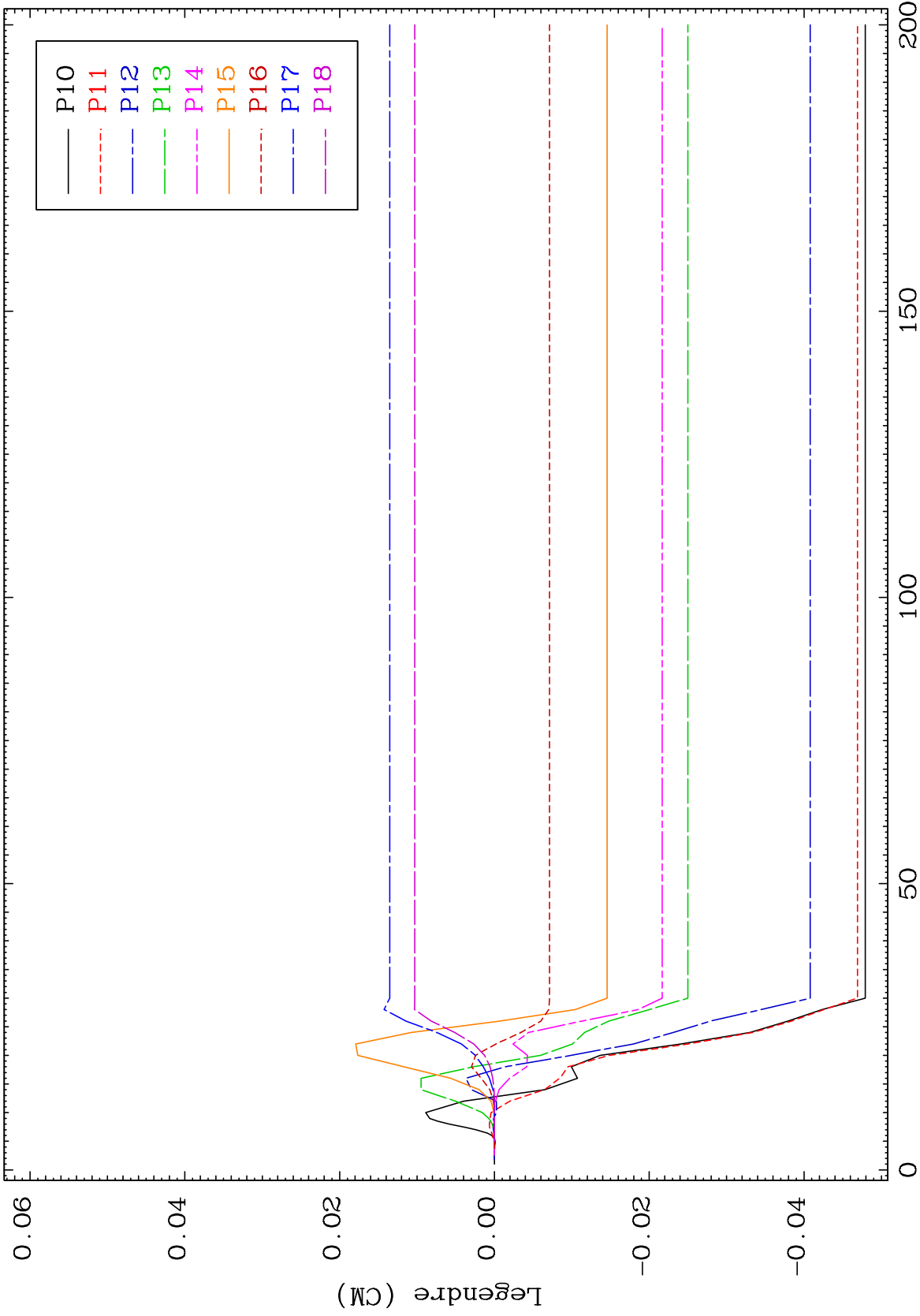
Incident Energy (MeV)

20

MAT 5637

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

56-Ba-134



21

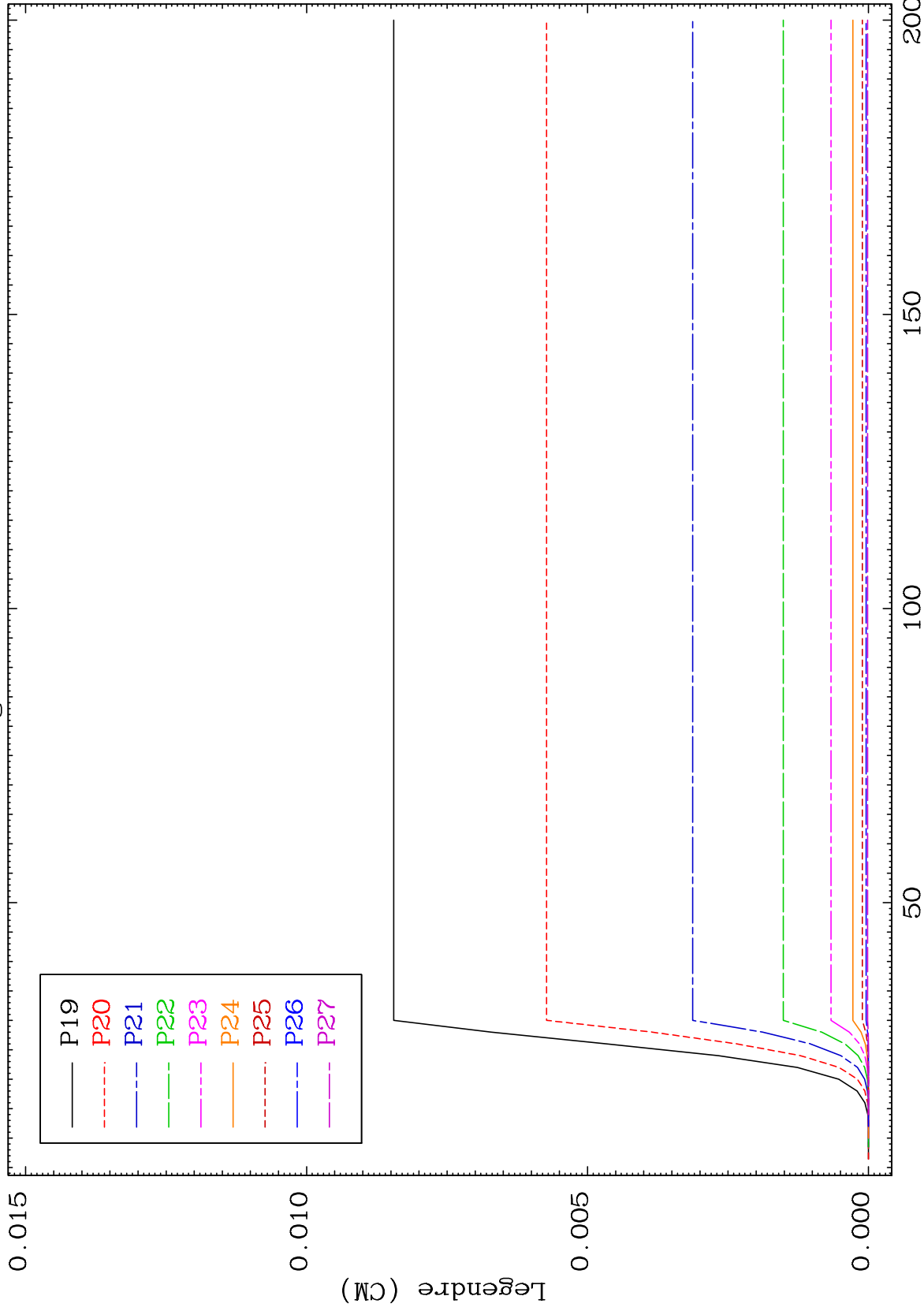
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



22

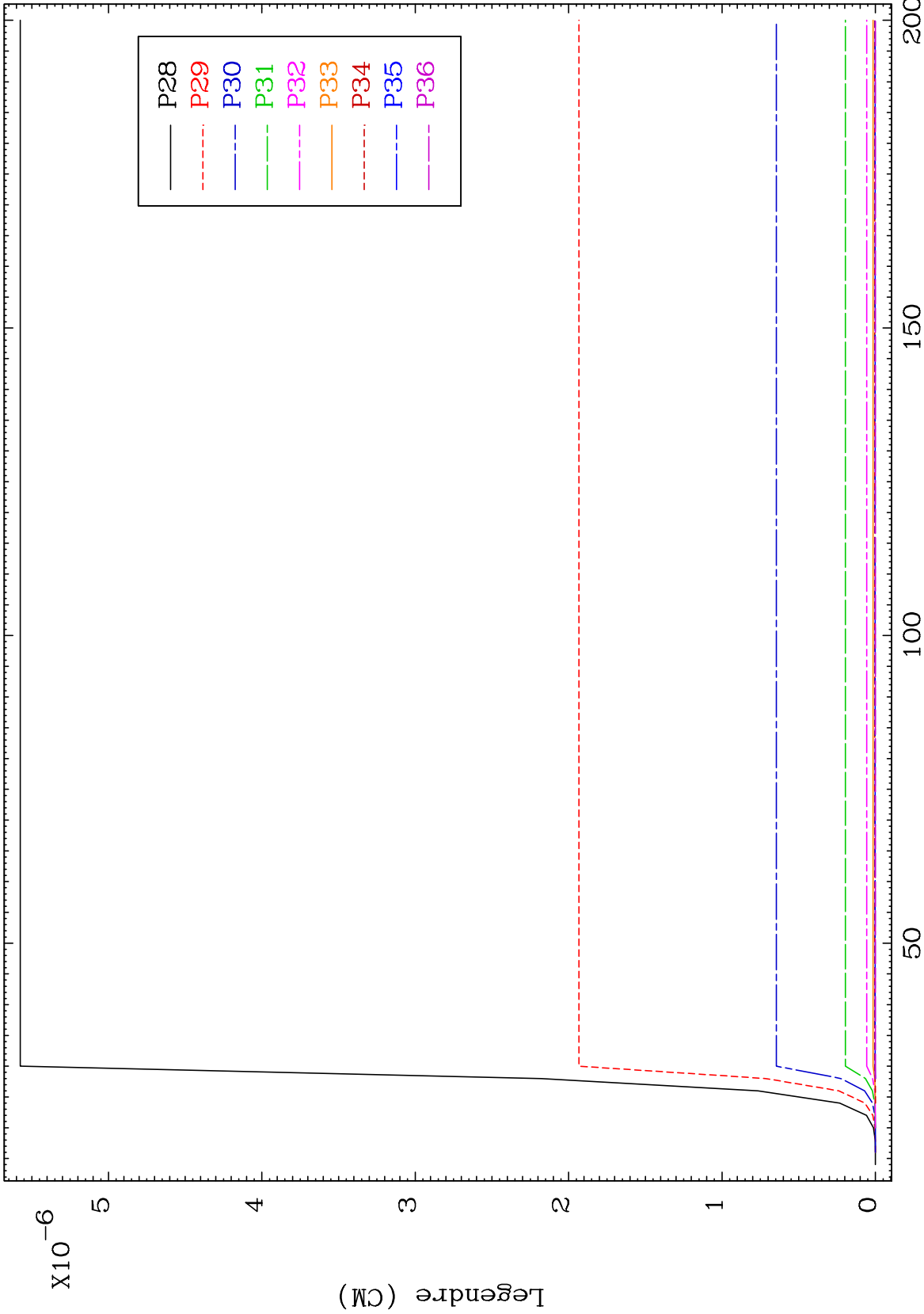
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



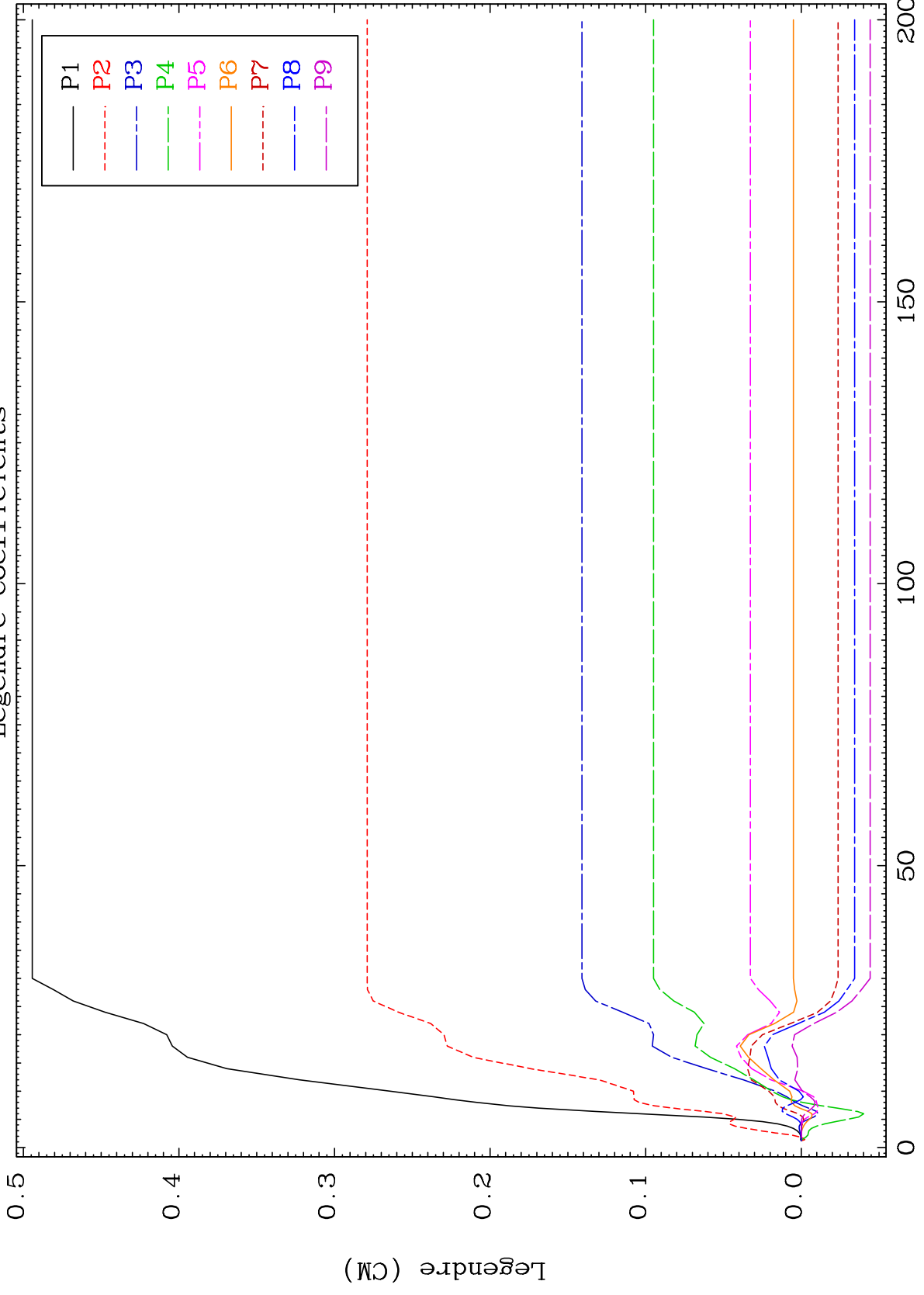
23

56-Ba-134

MAT 5637

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

56-Ba-134



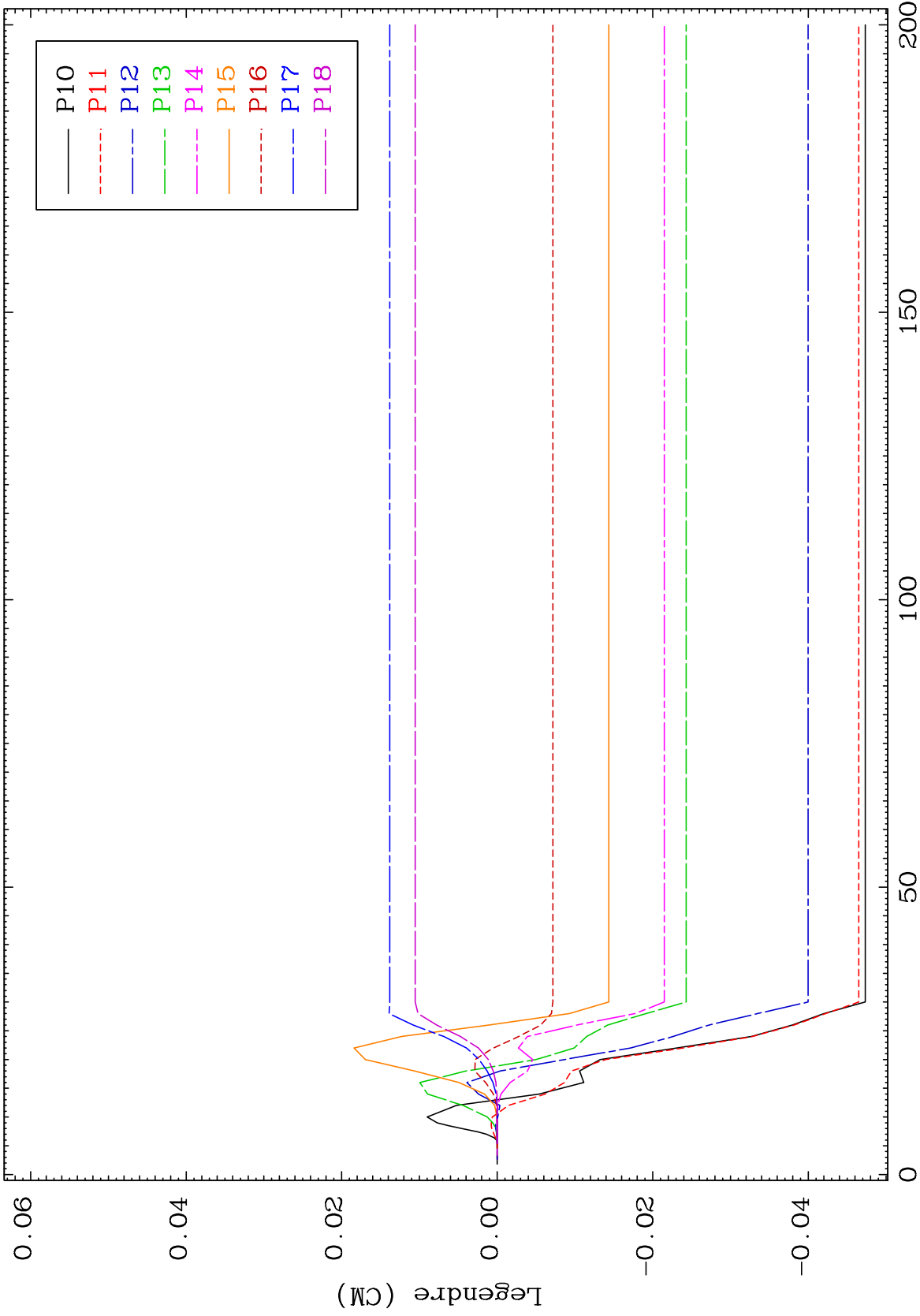
24

56-Ba-134

MAT 5637

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

56-Ba-134



25

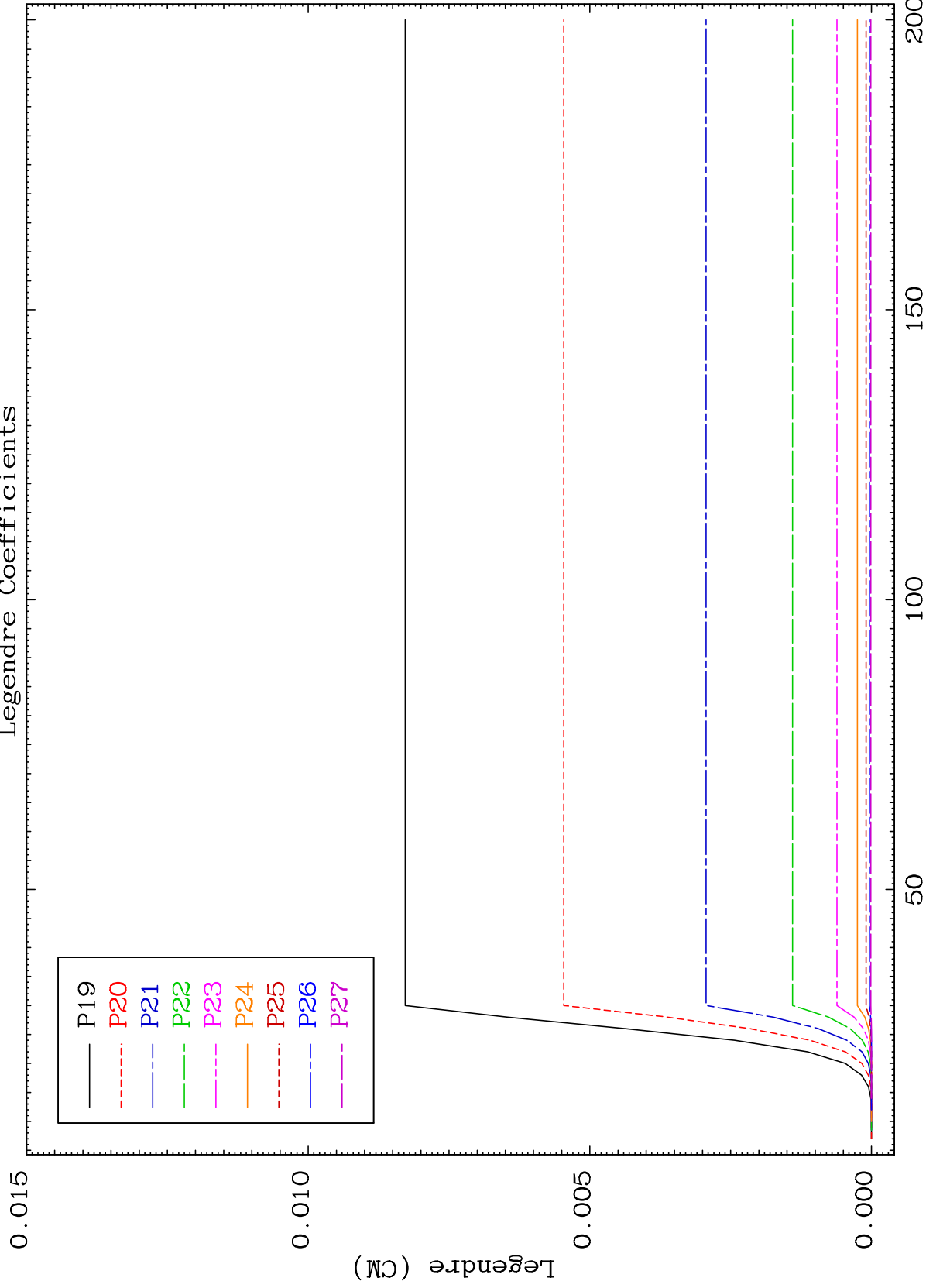
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134

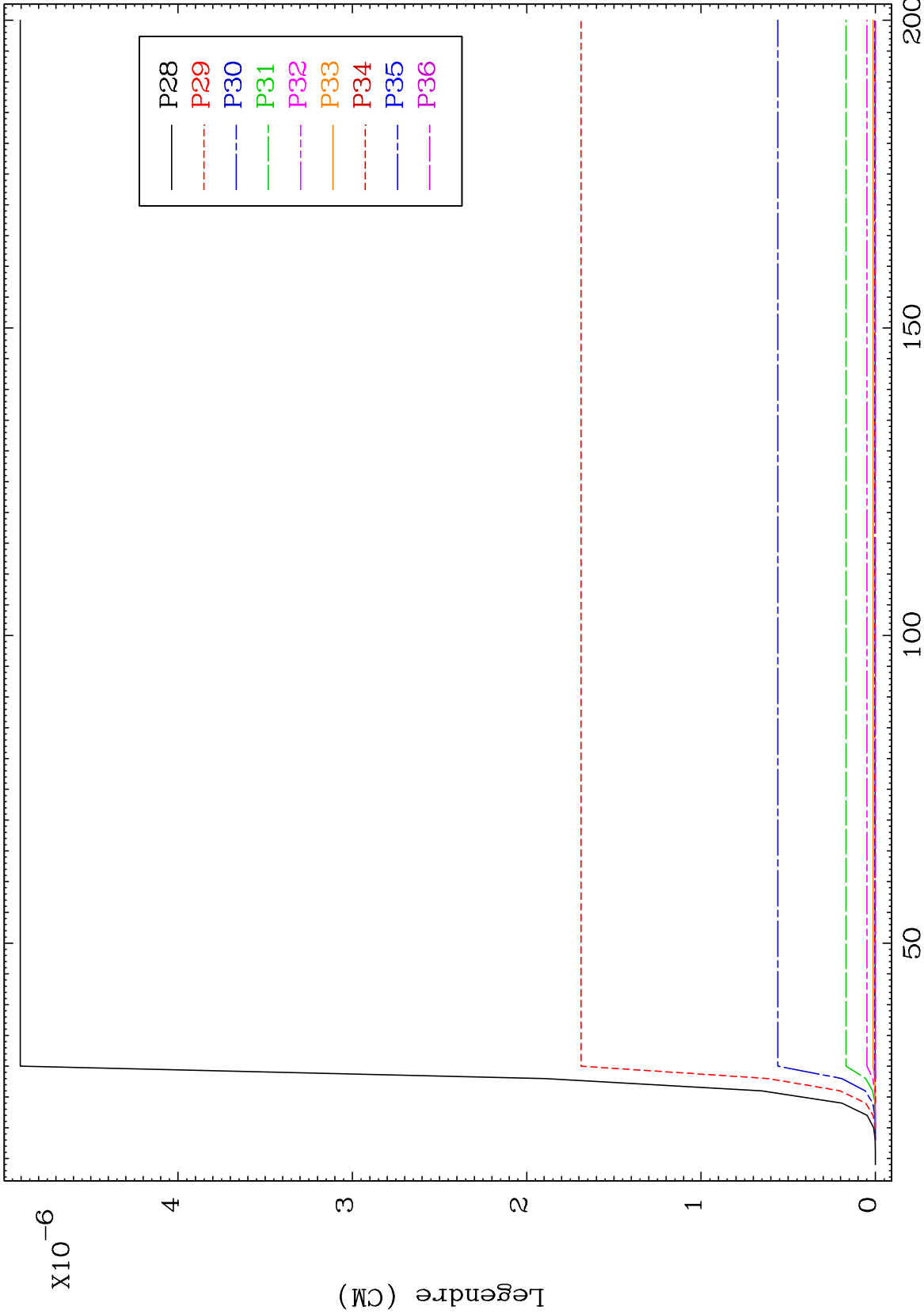


26

MAT 5637

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

56-Ba-134



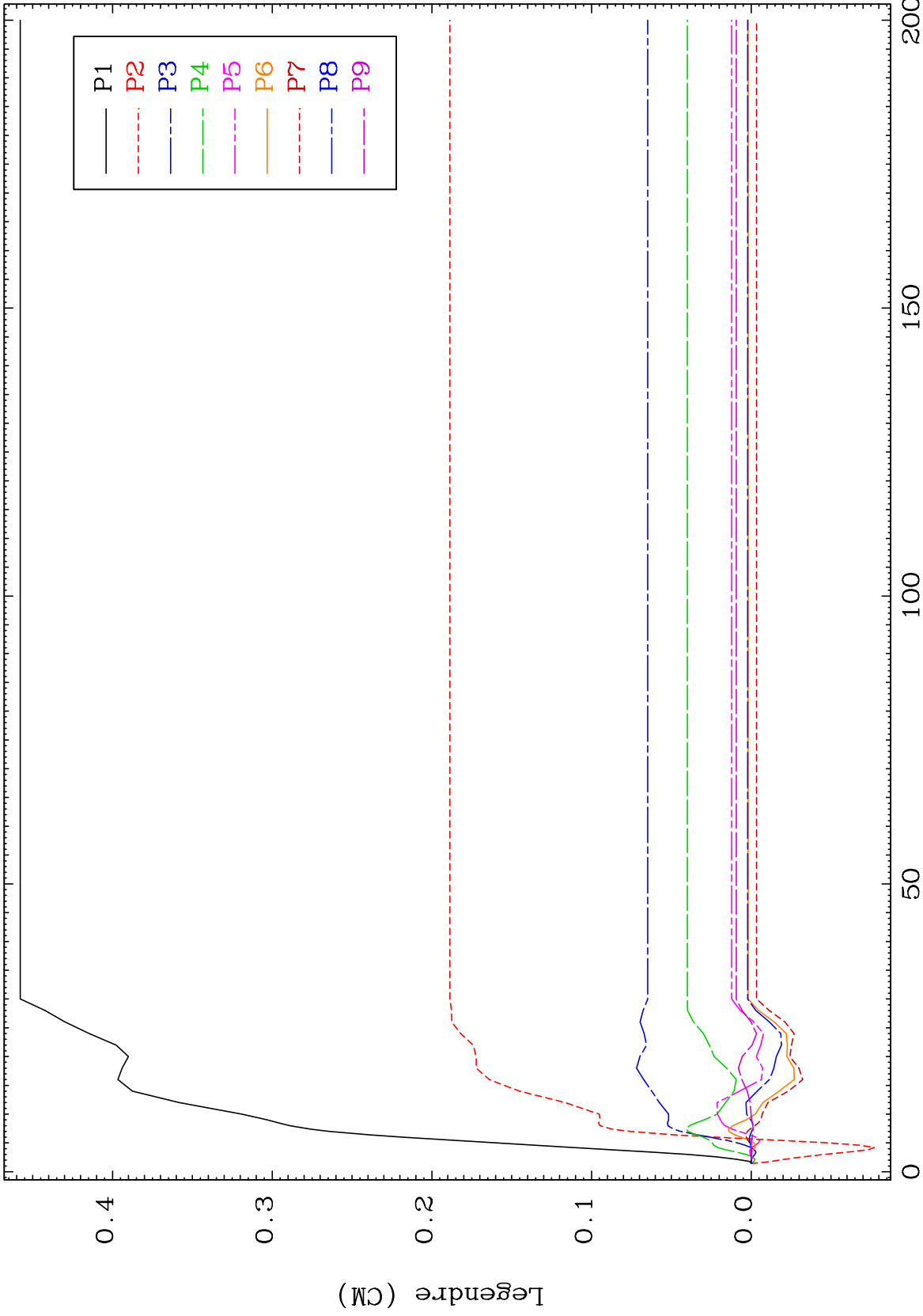
27

56-Ba-134

MAT 5637

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

56-Ba-134



28

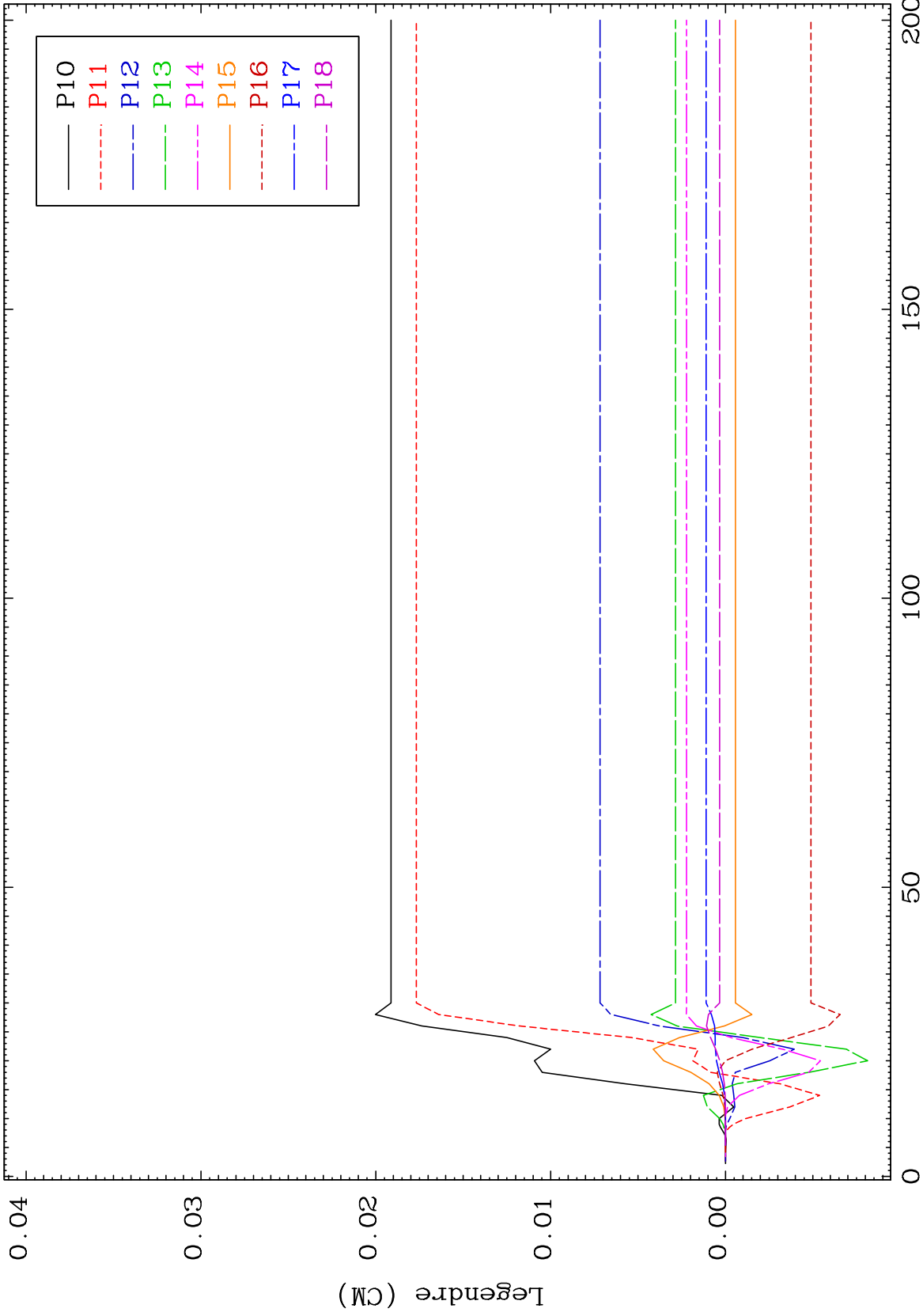
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



29

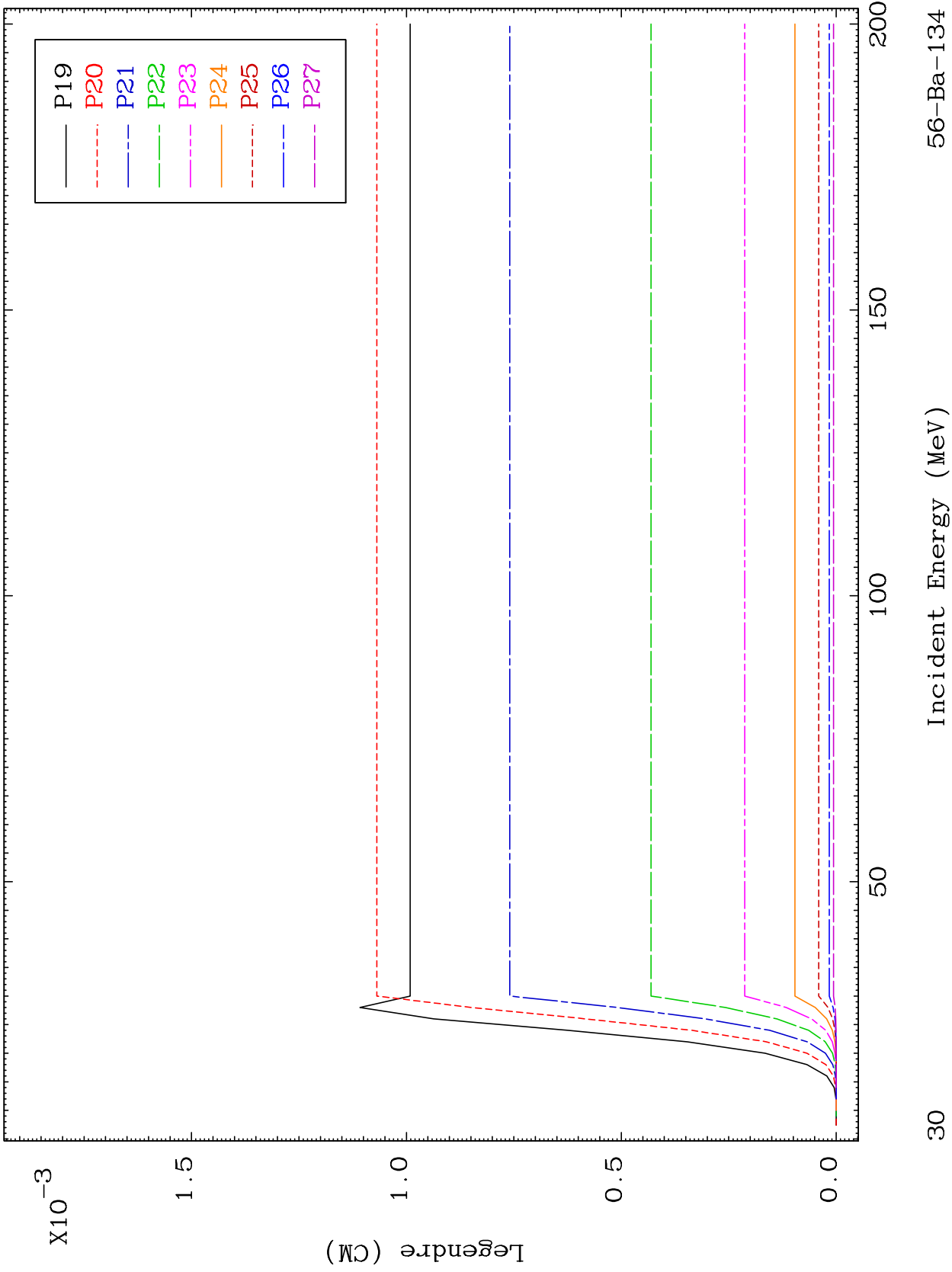
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



56-Ba-134

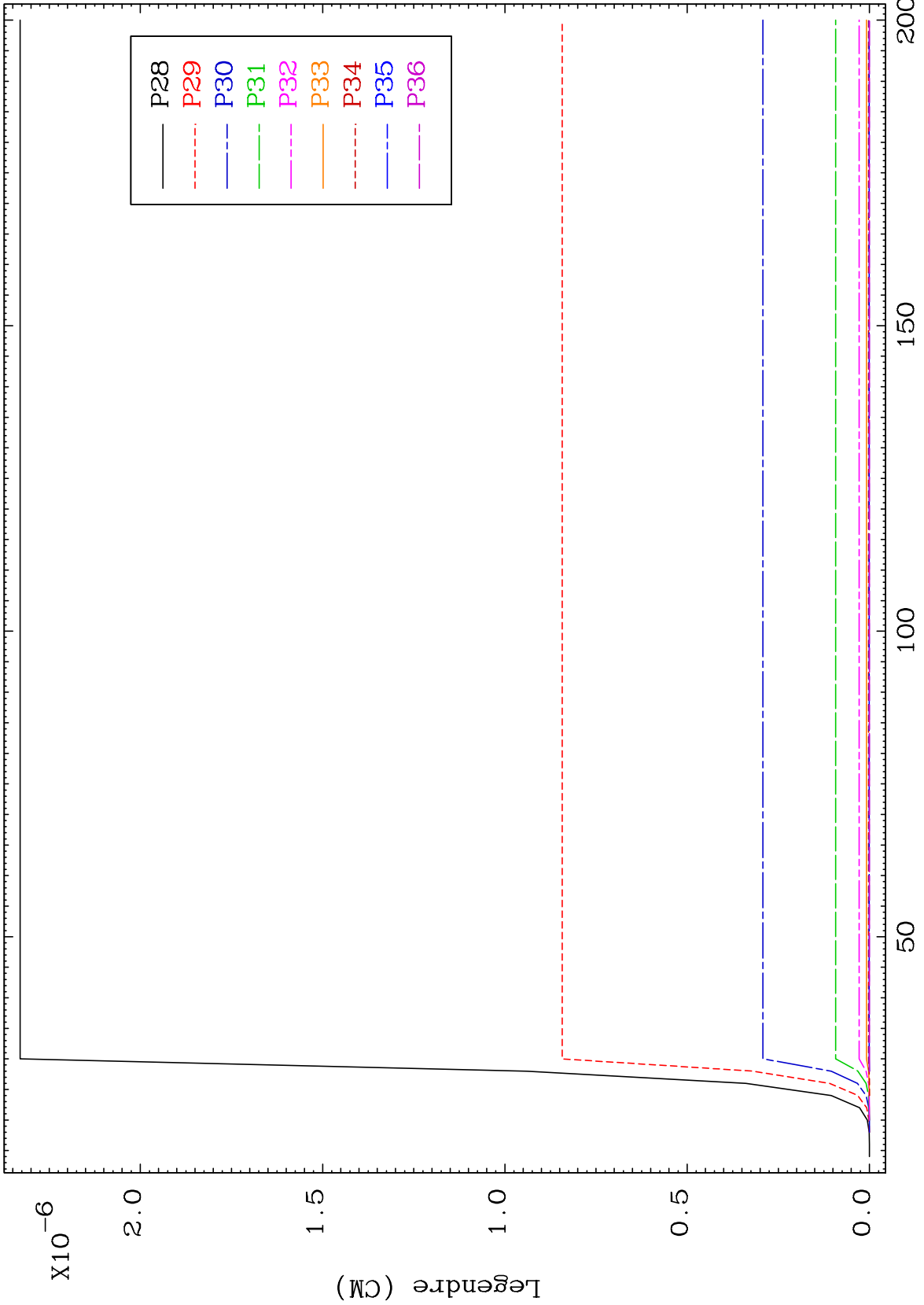
Incident Energy (MeV)

30

MAT 5637

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

56-Ba-134



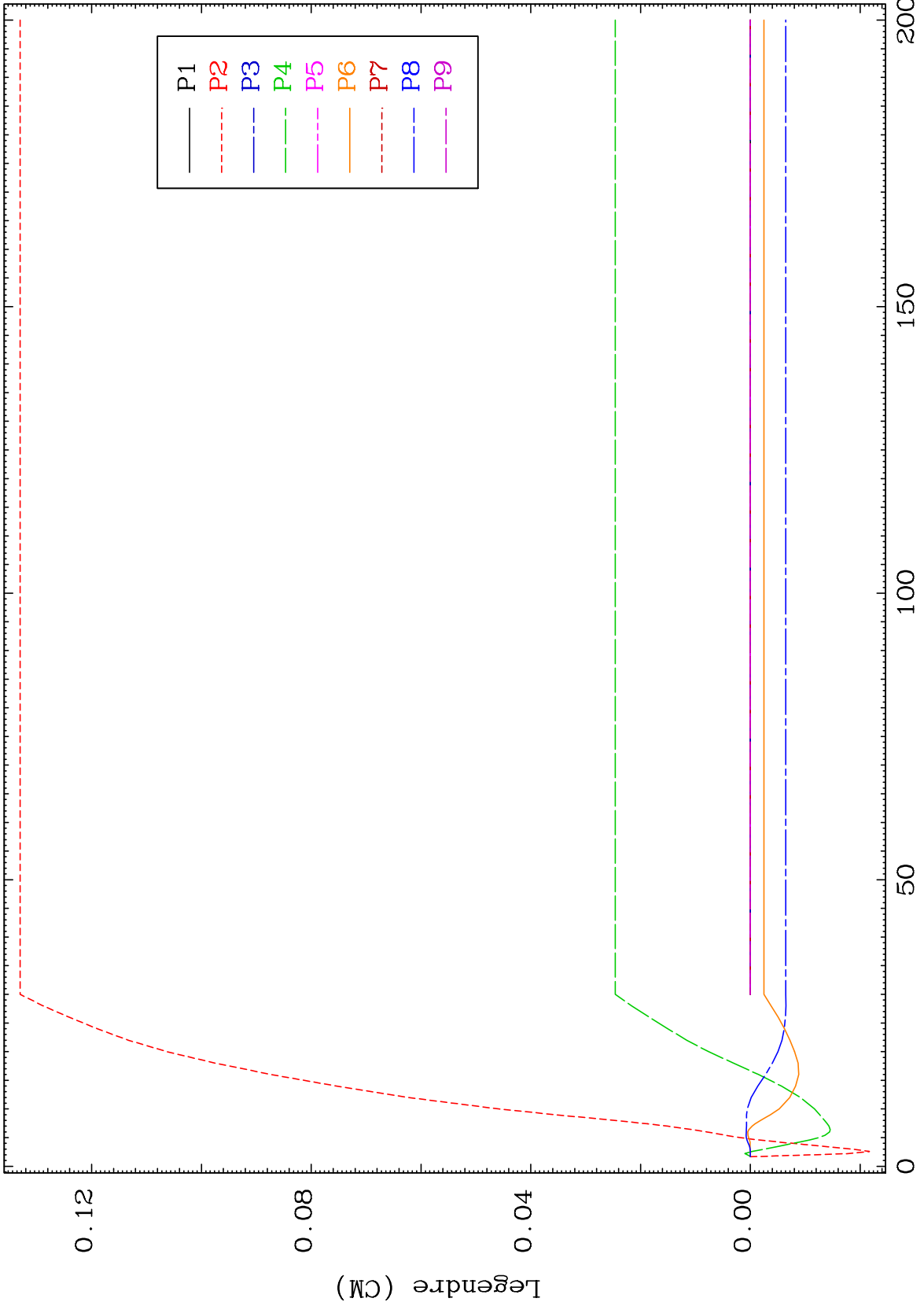
31

56-Ba-134

MAT 5637

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

56-Ba-134



32

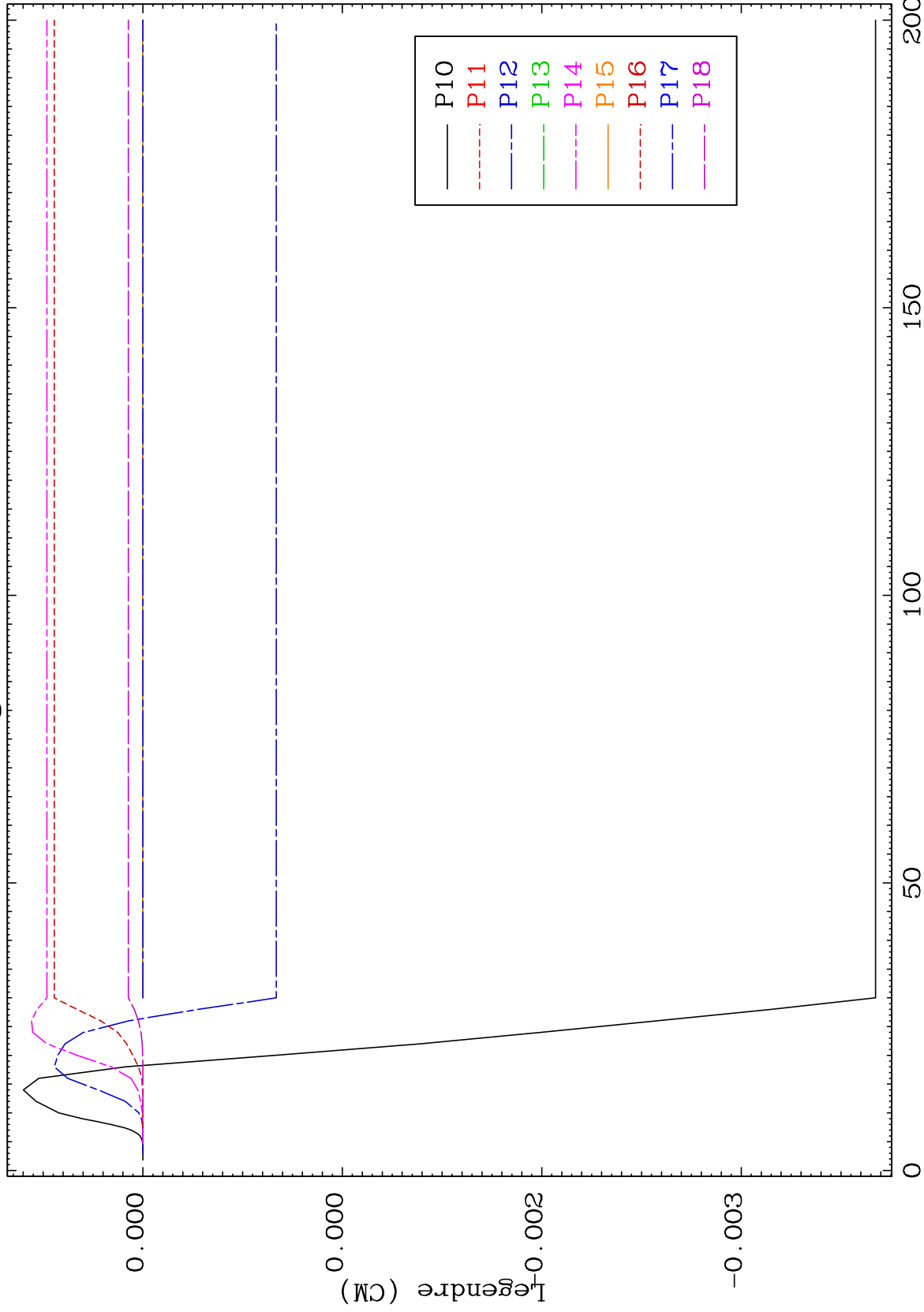
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



33

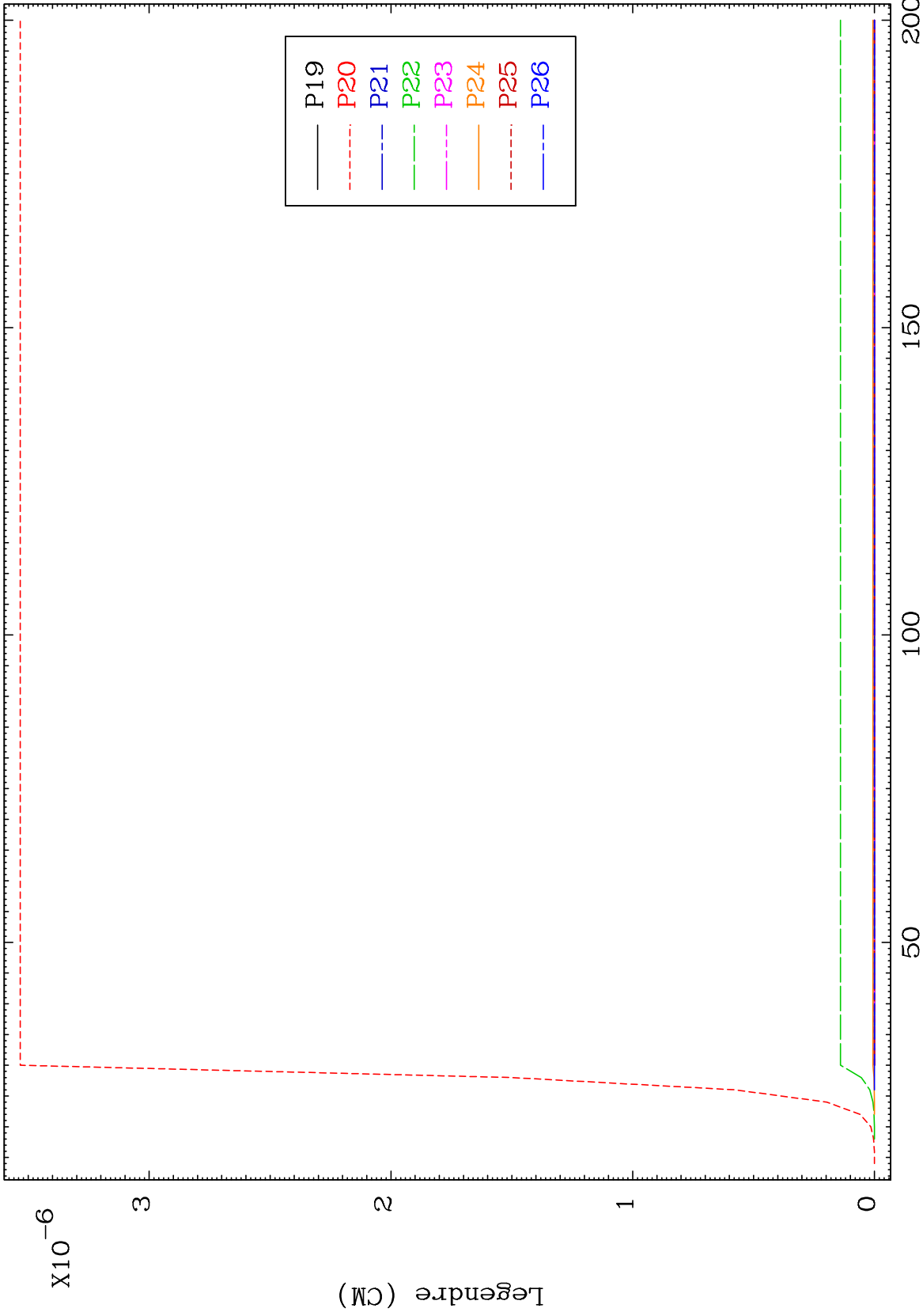
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134

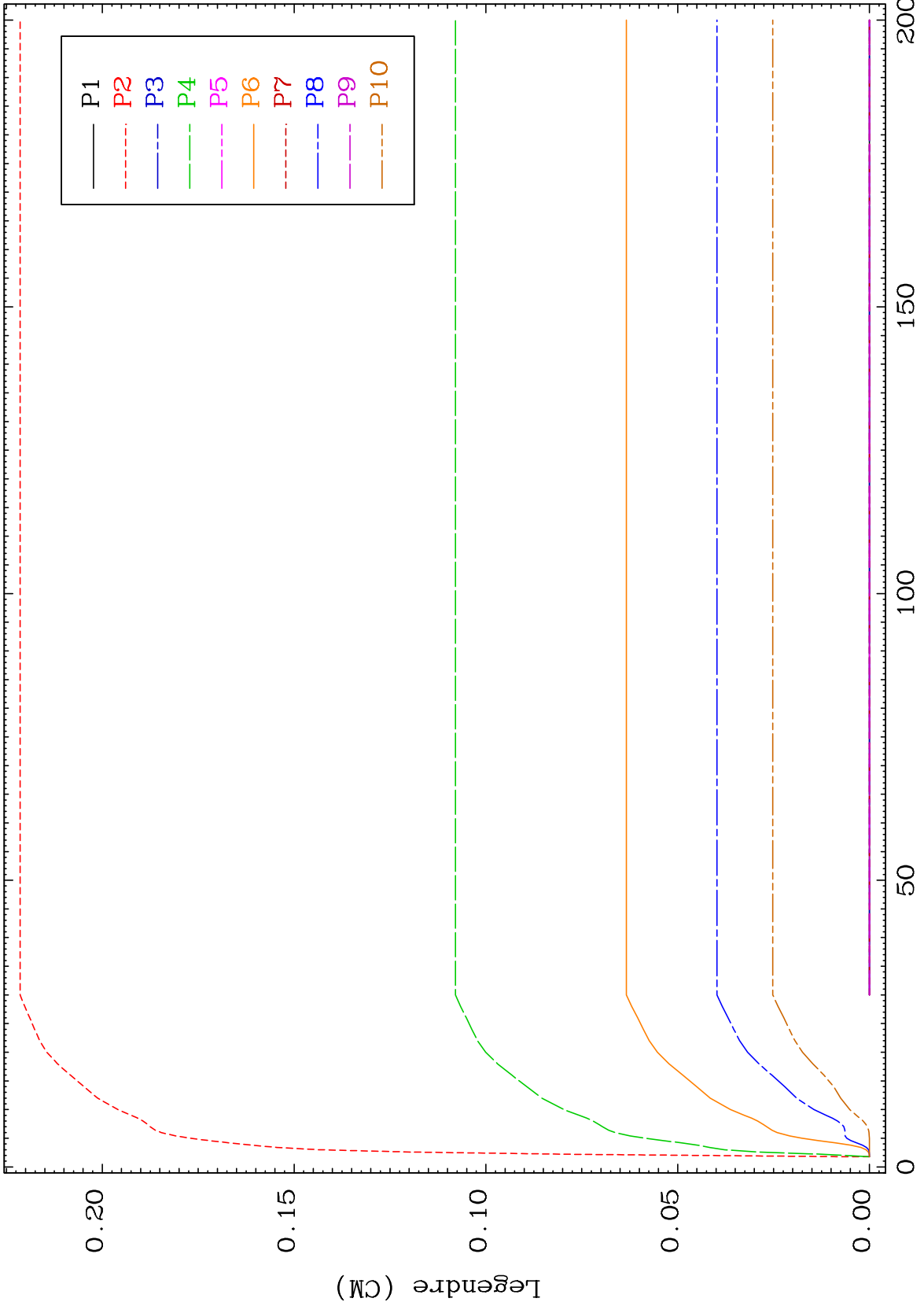


34

Incident Energy (MeV)

56-Ba-134

MAT 5637 MT= 55 (n,n') Level Legendre Coefficients 56-Ba-134

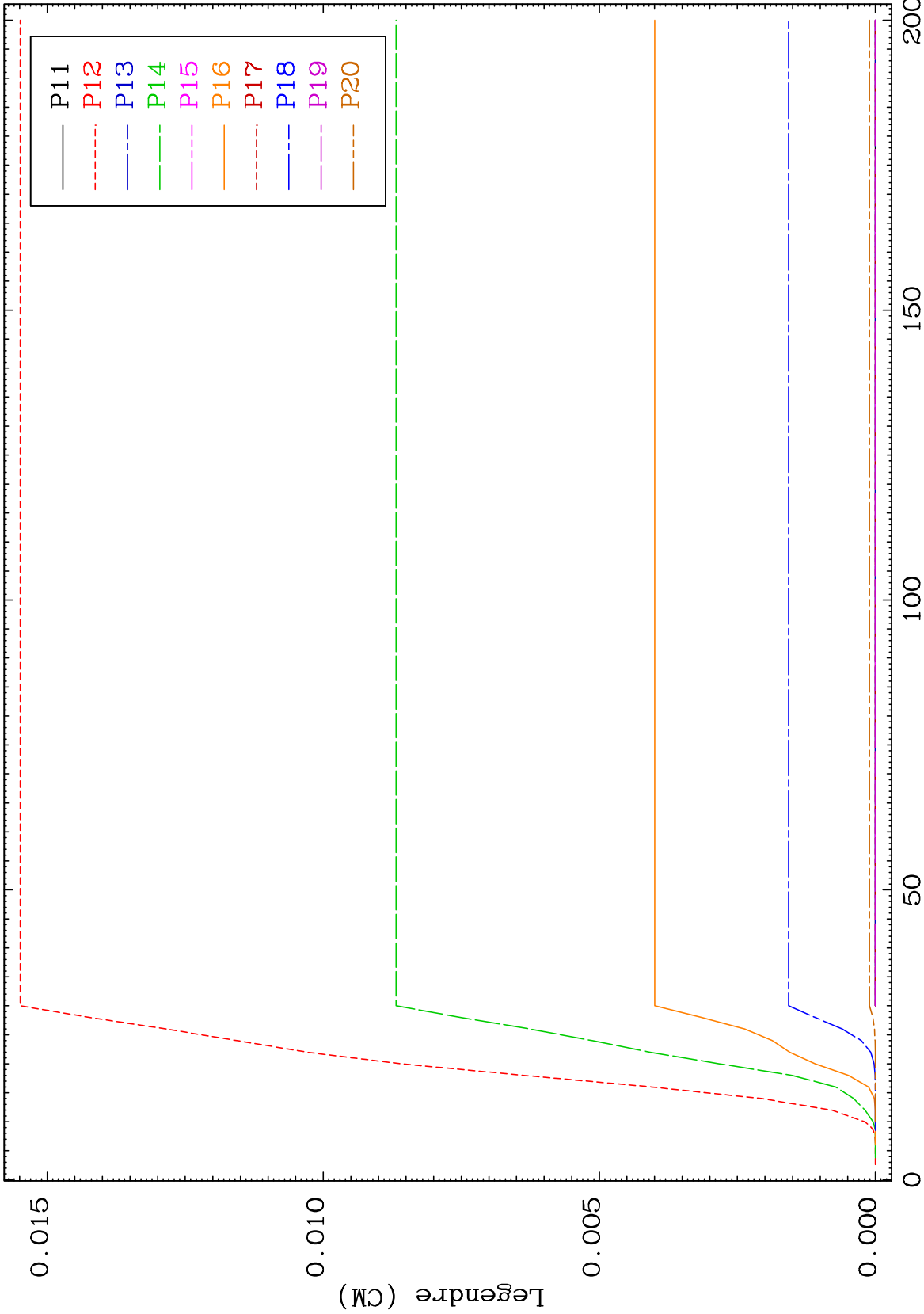


Incident Energy (MeV) 56-Ba-134

MAT 5637

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

56-Ba-134



36

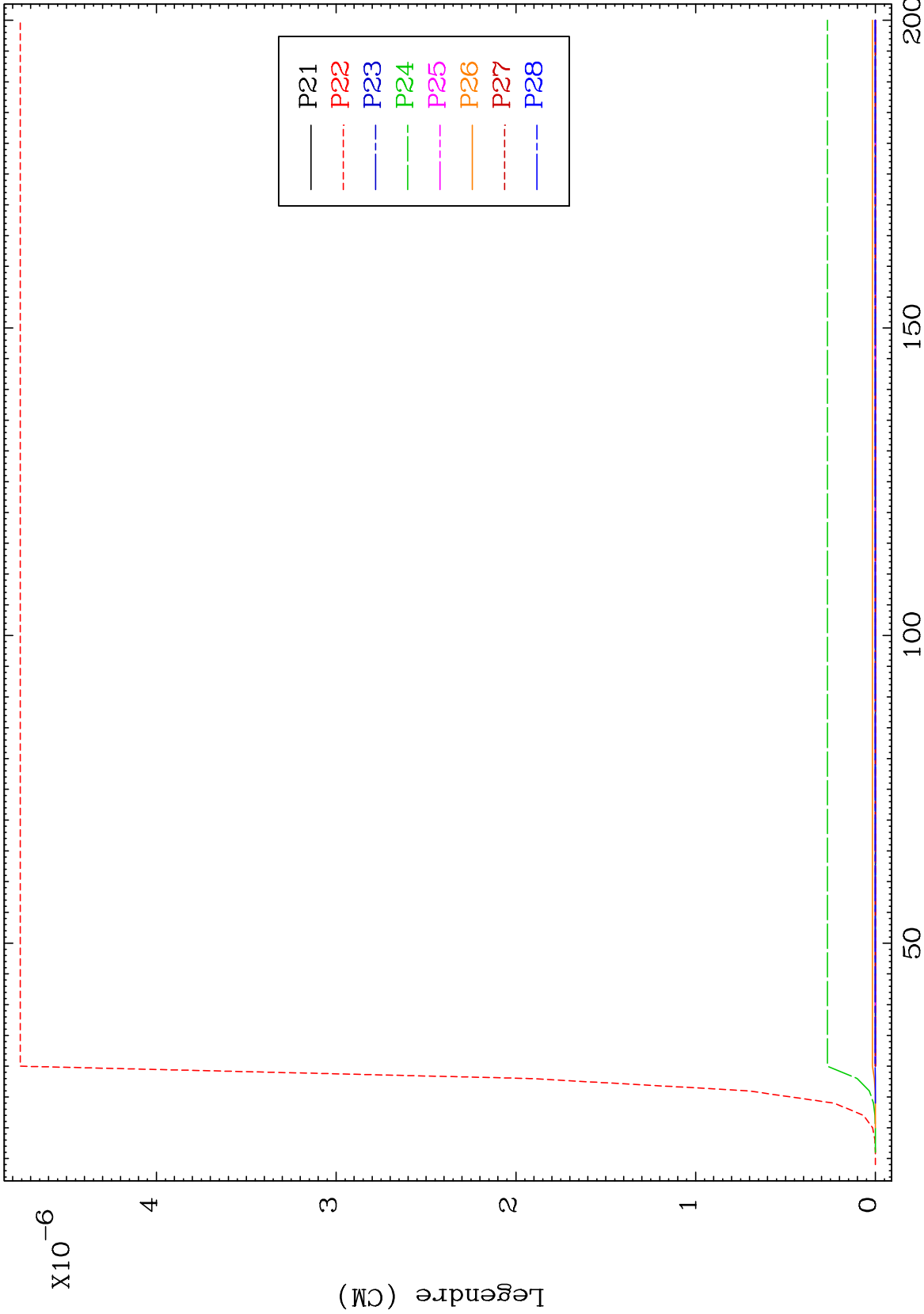
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



37

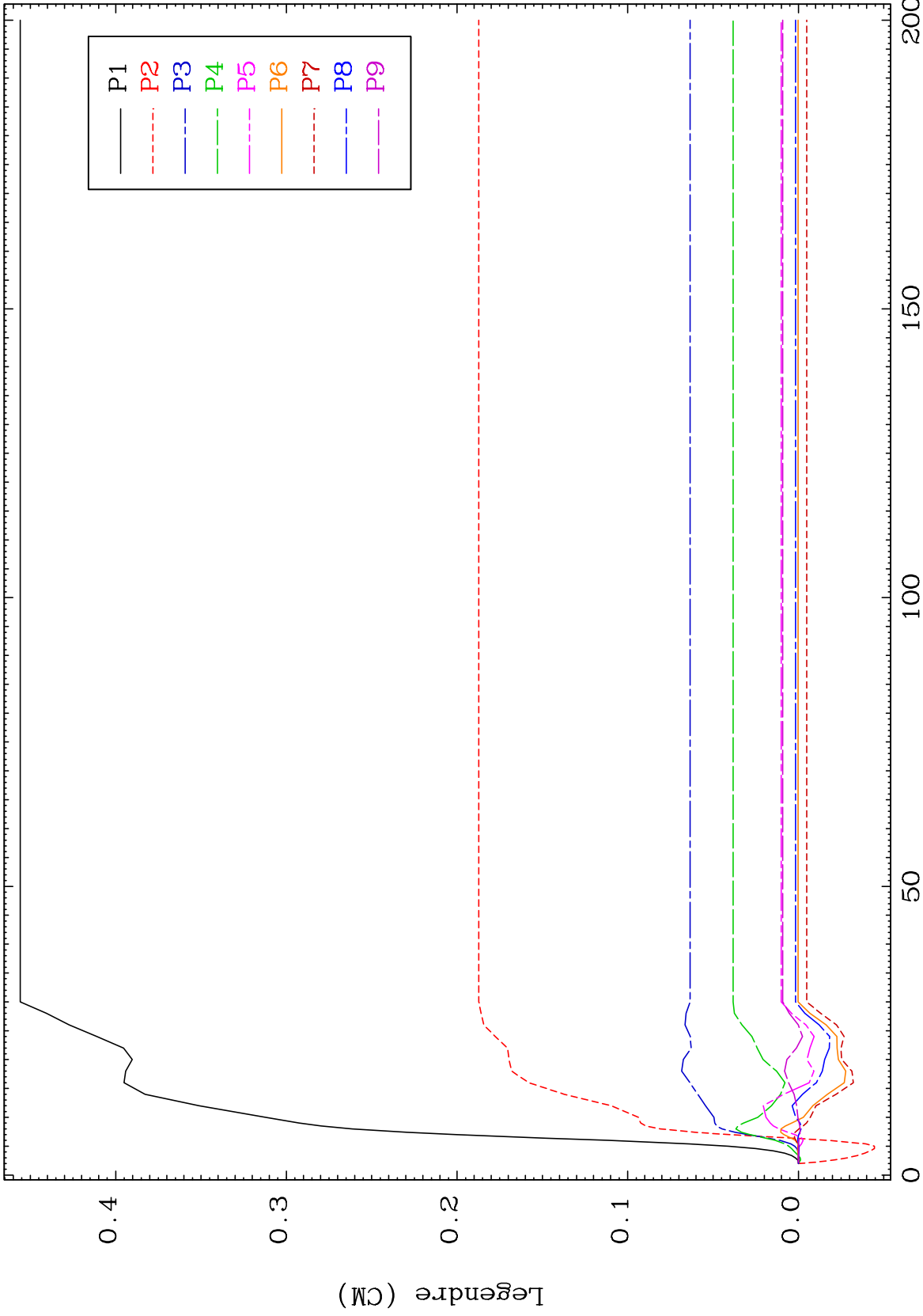
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



38

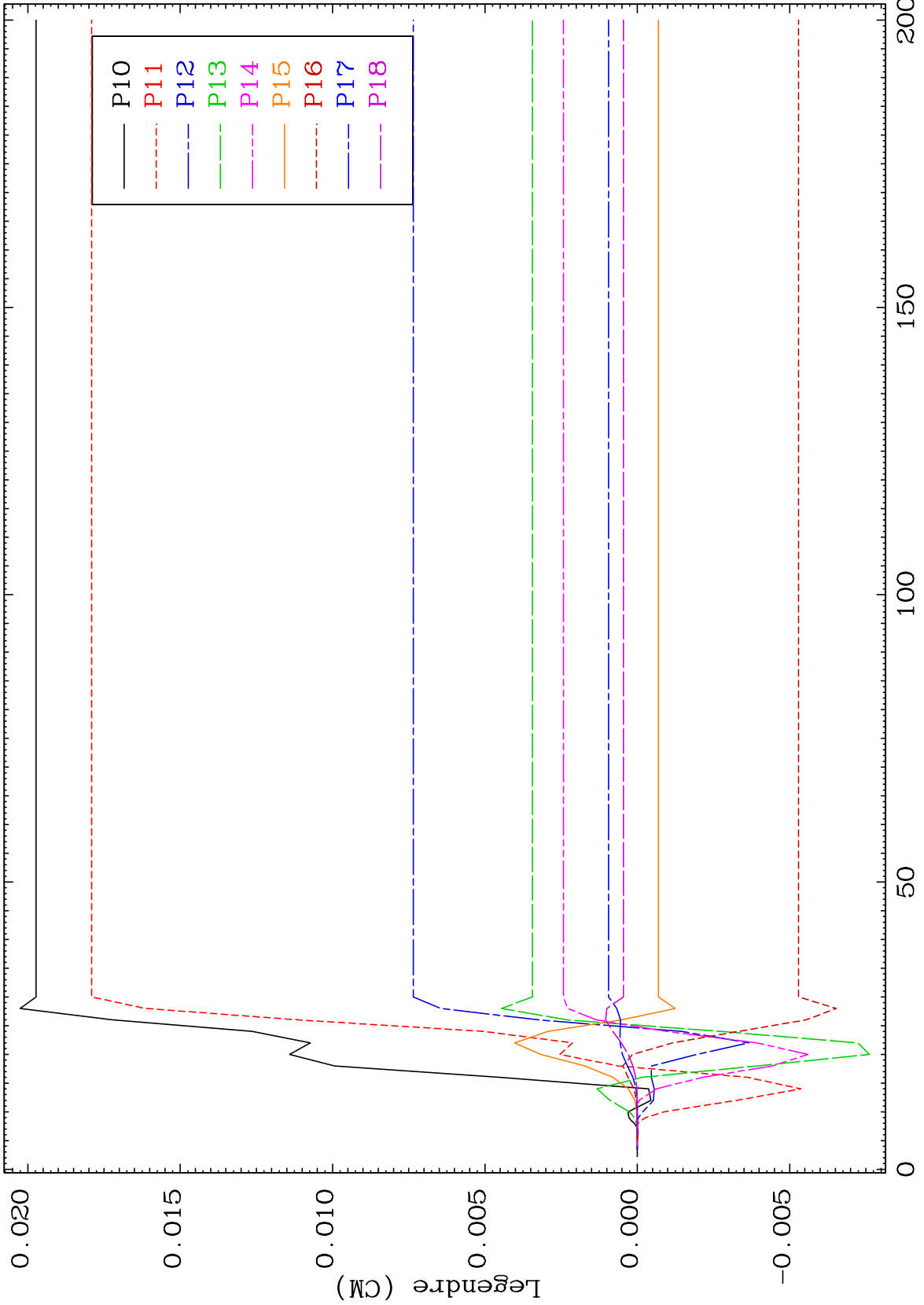
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



39

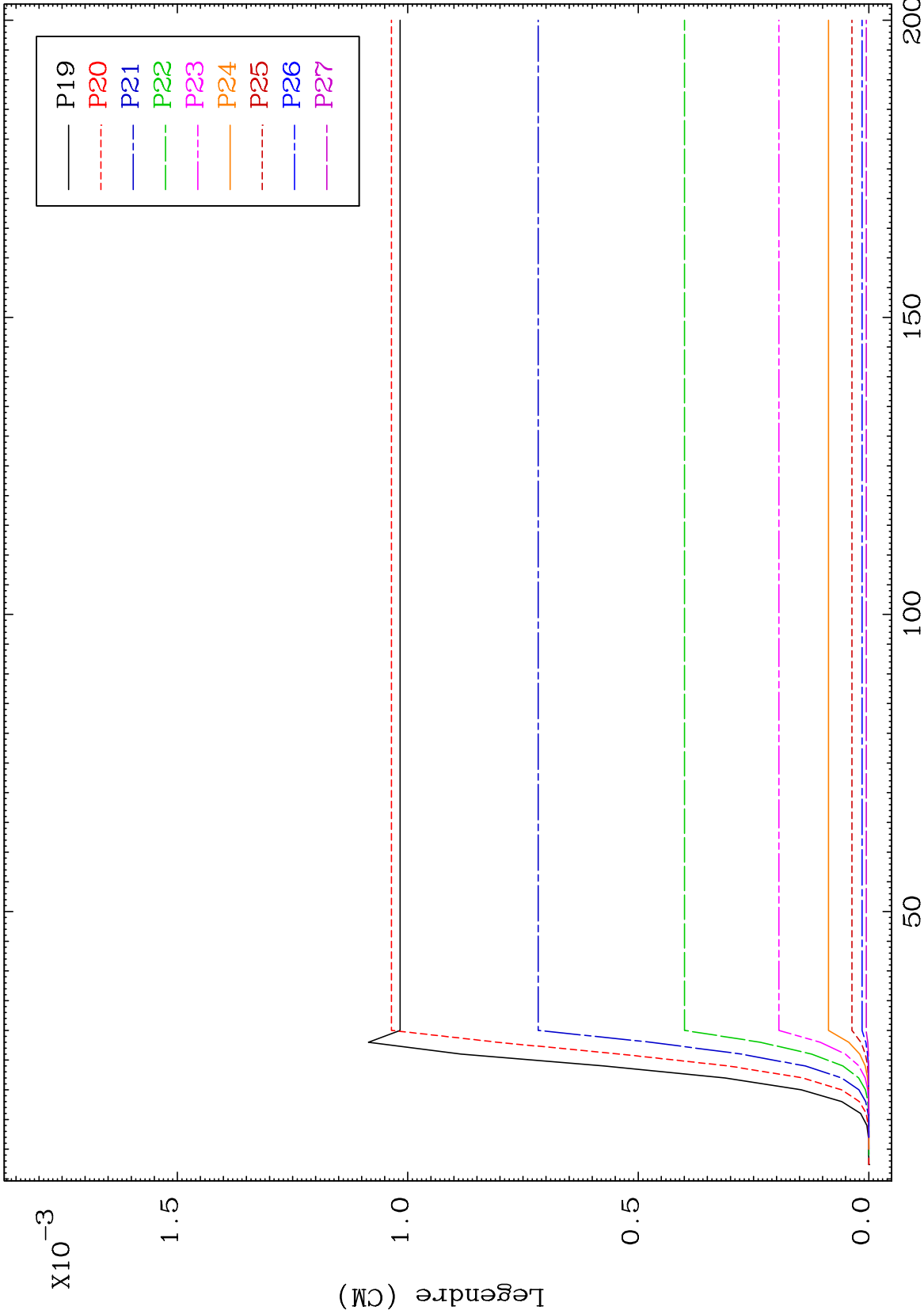
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



40

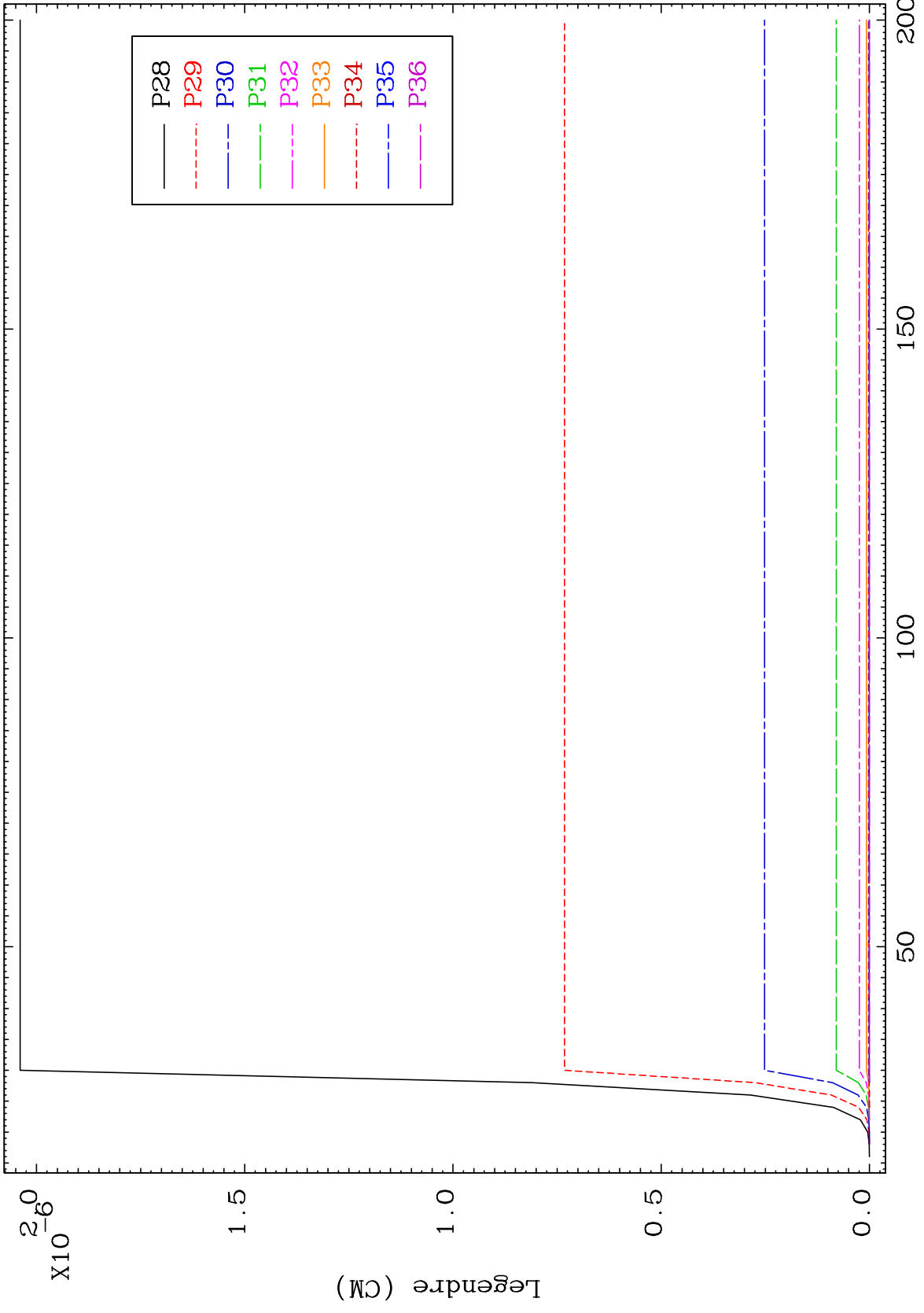
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



41

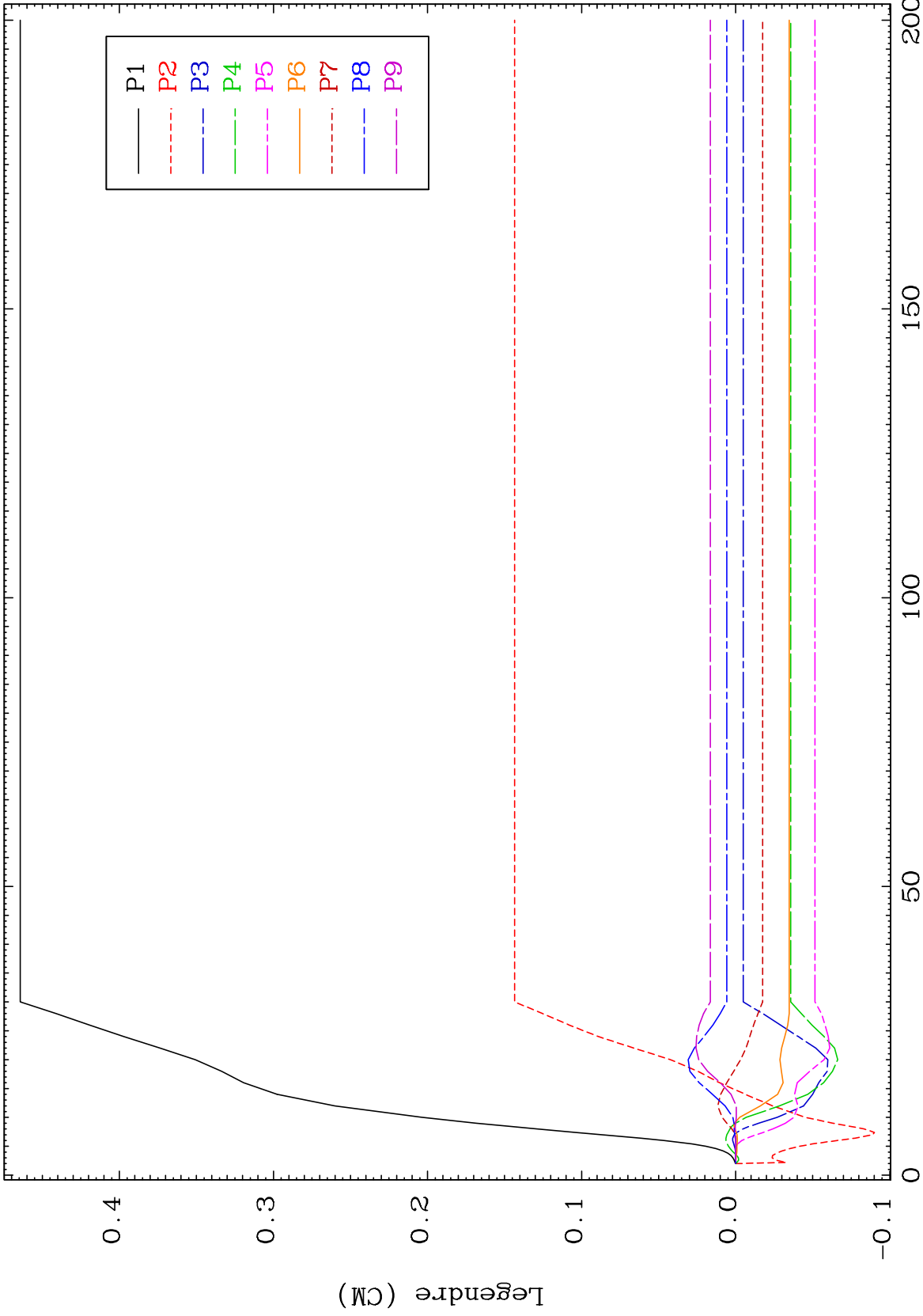
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



42

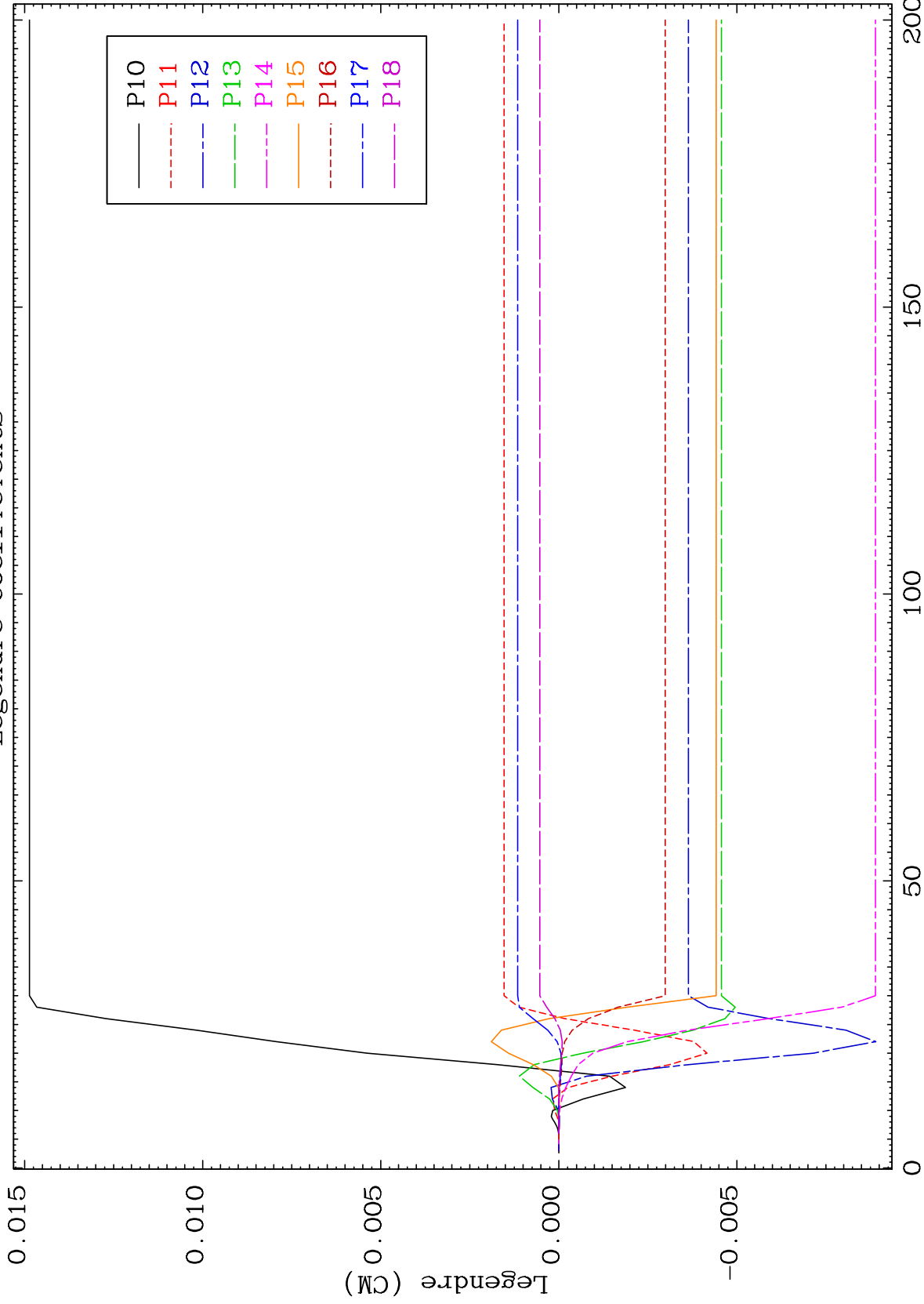
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



43

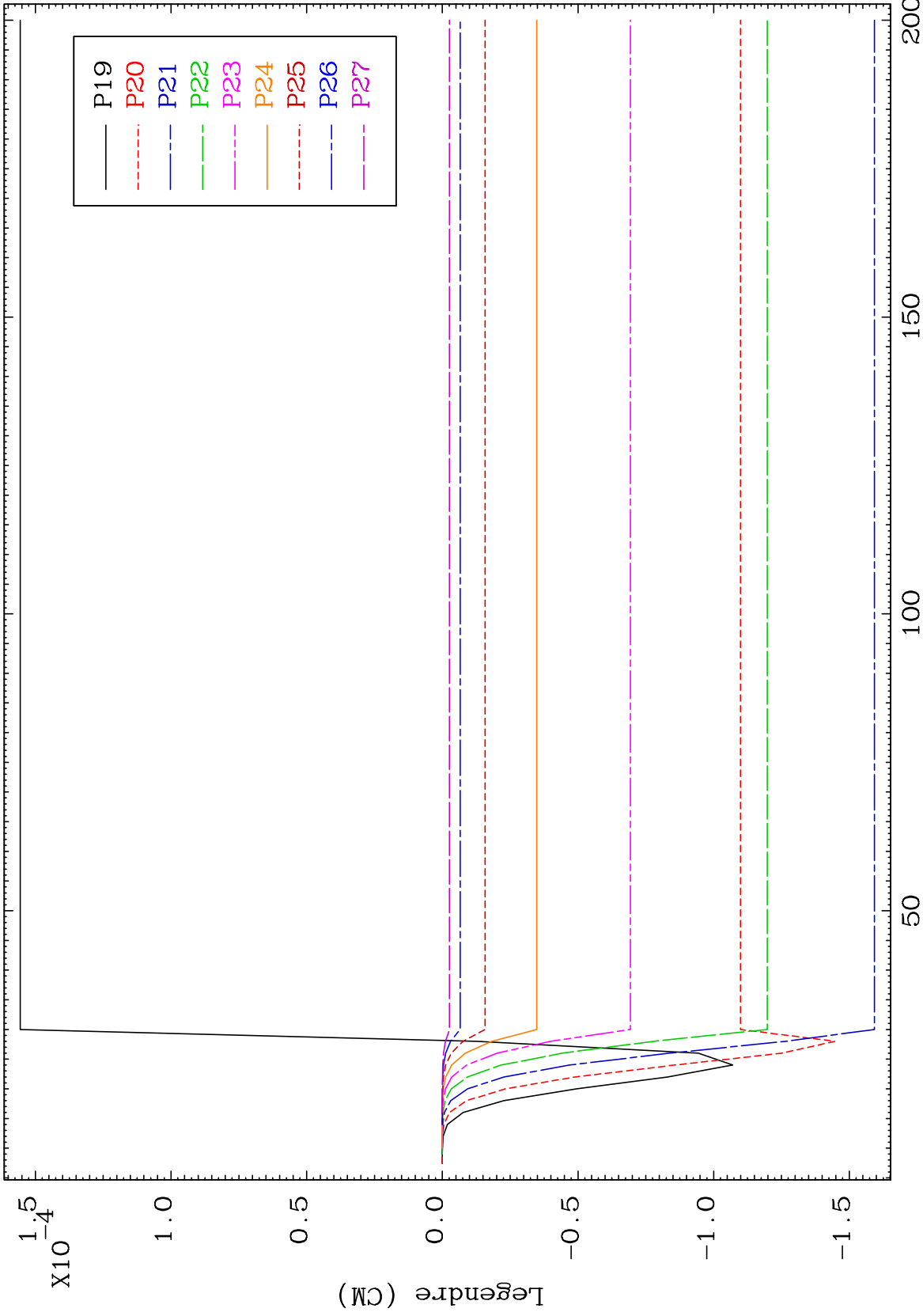
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



44

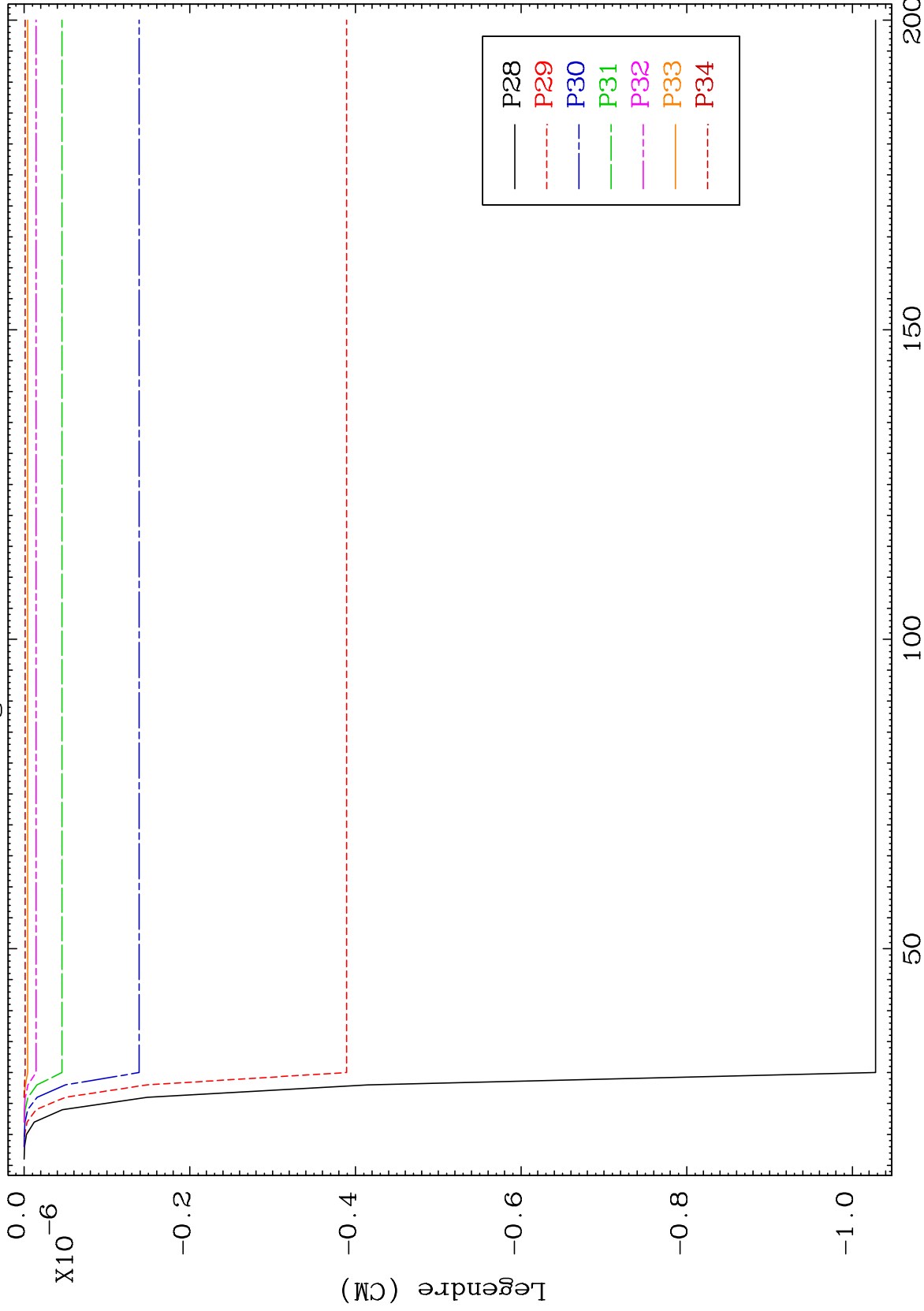
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



45

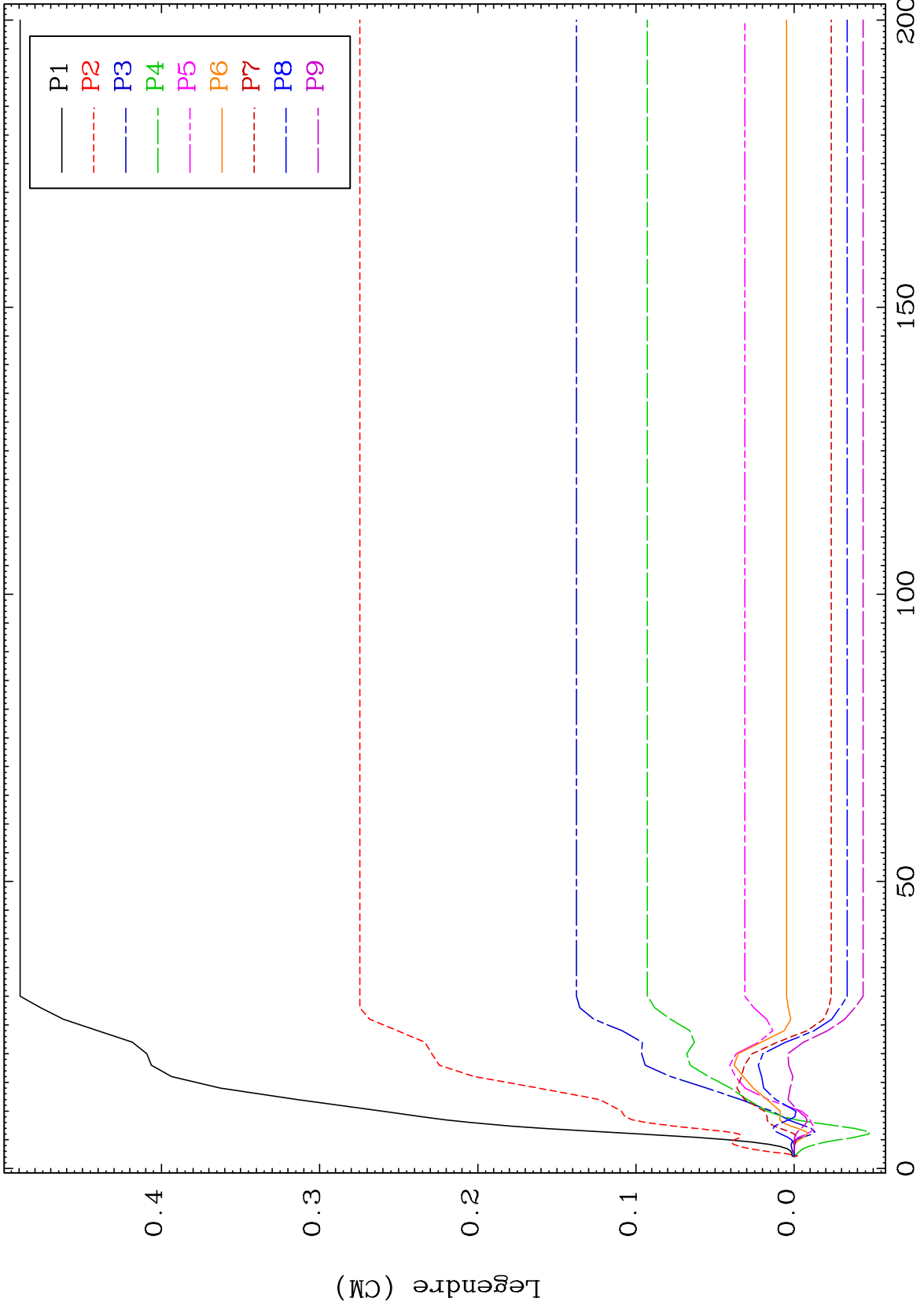
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



46

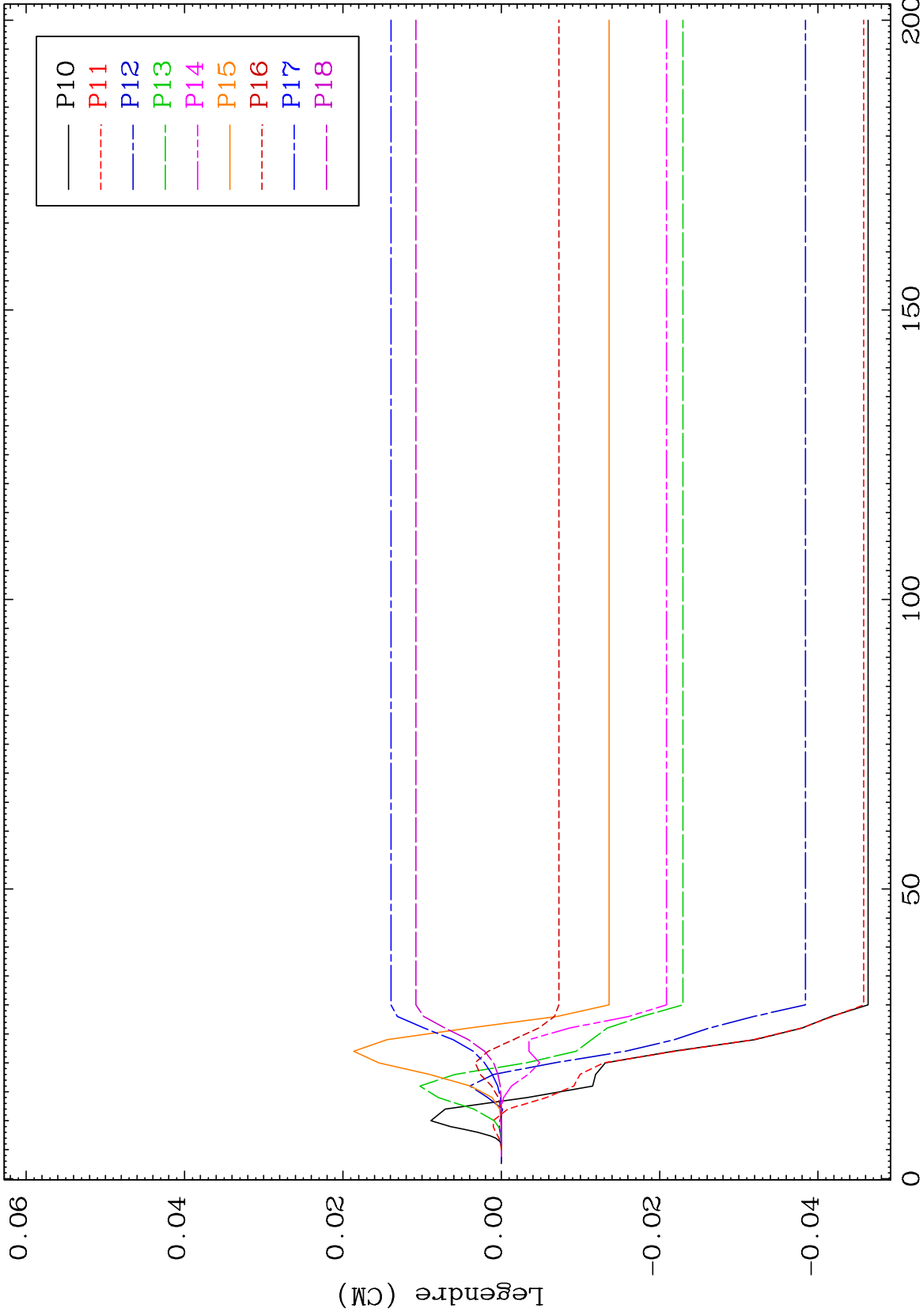
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



47

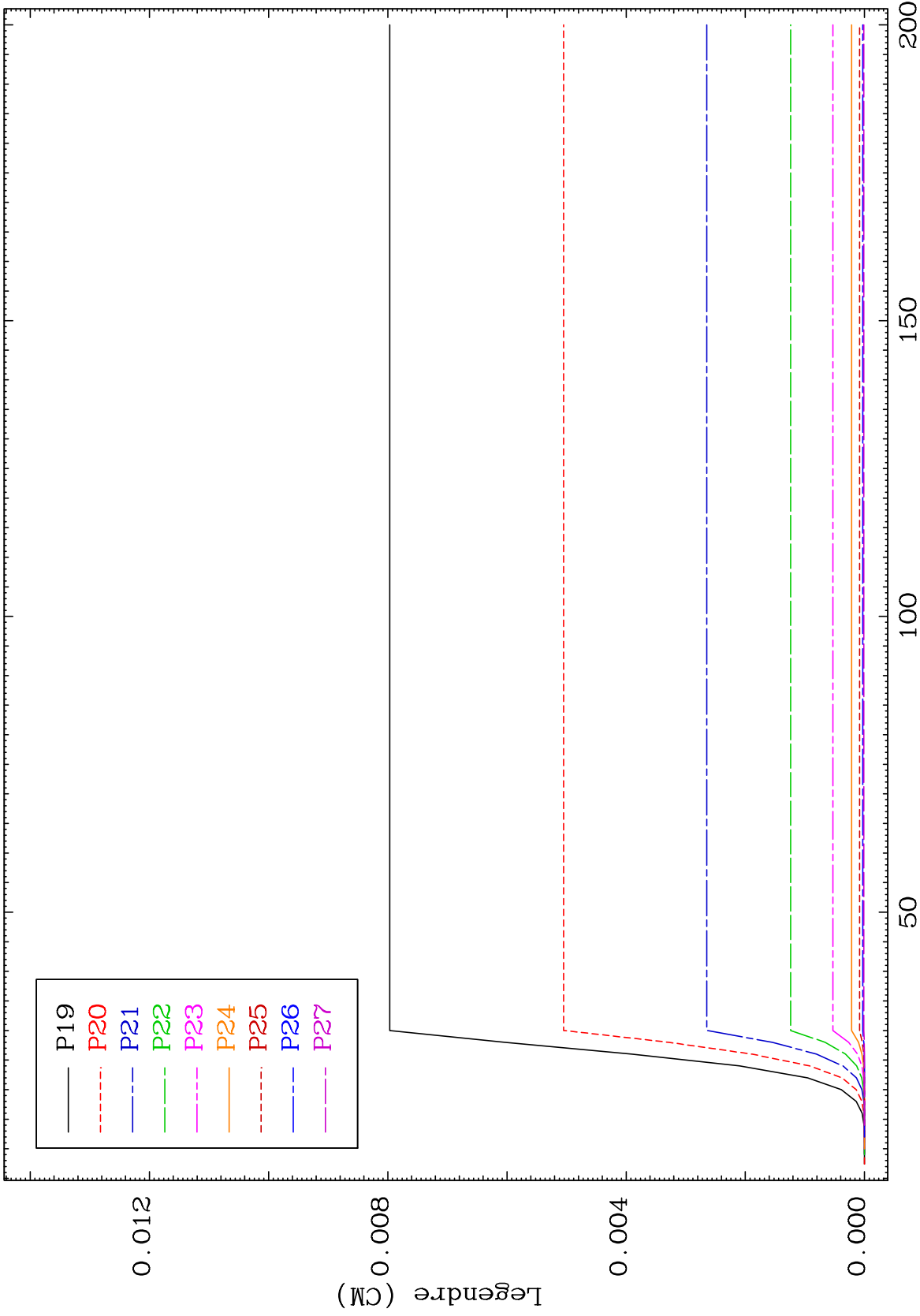
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



48

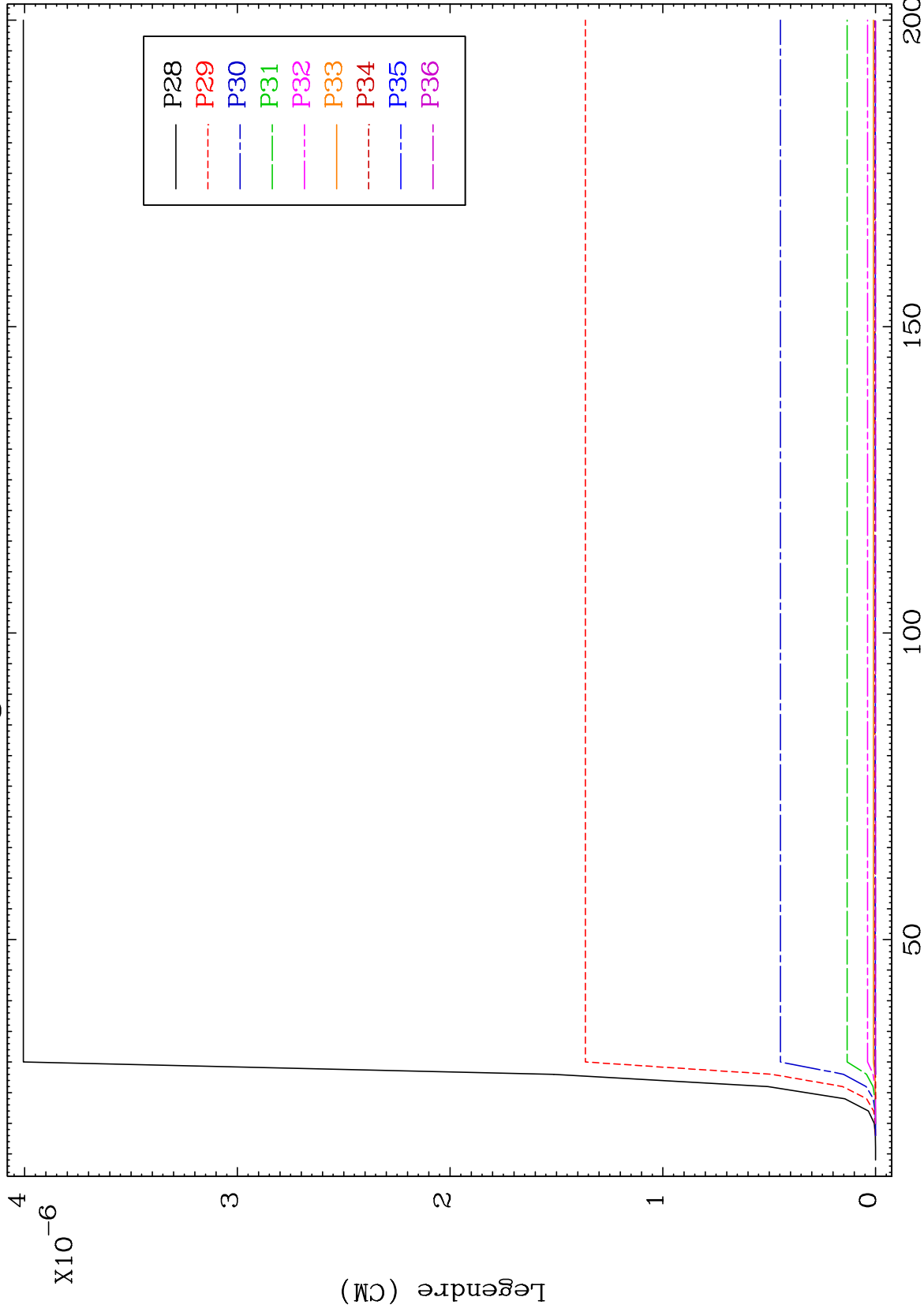
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



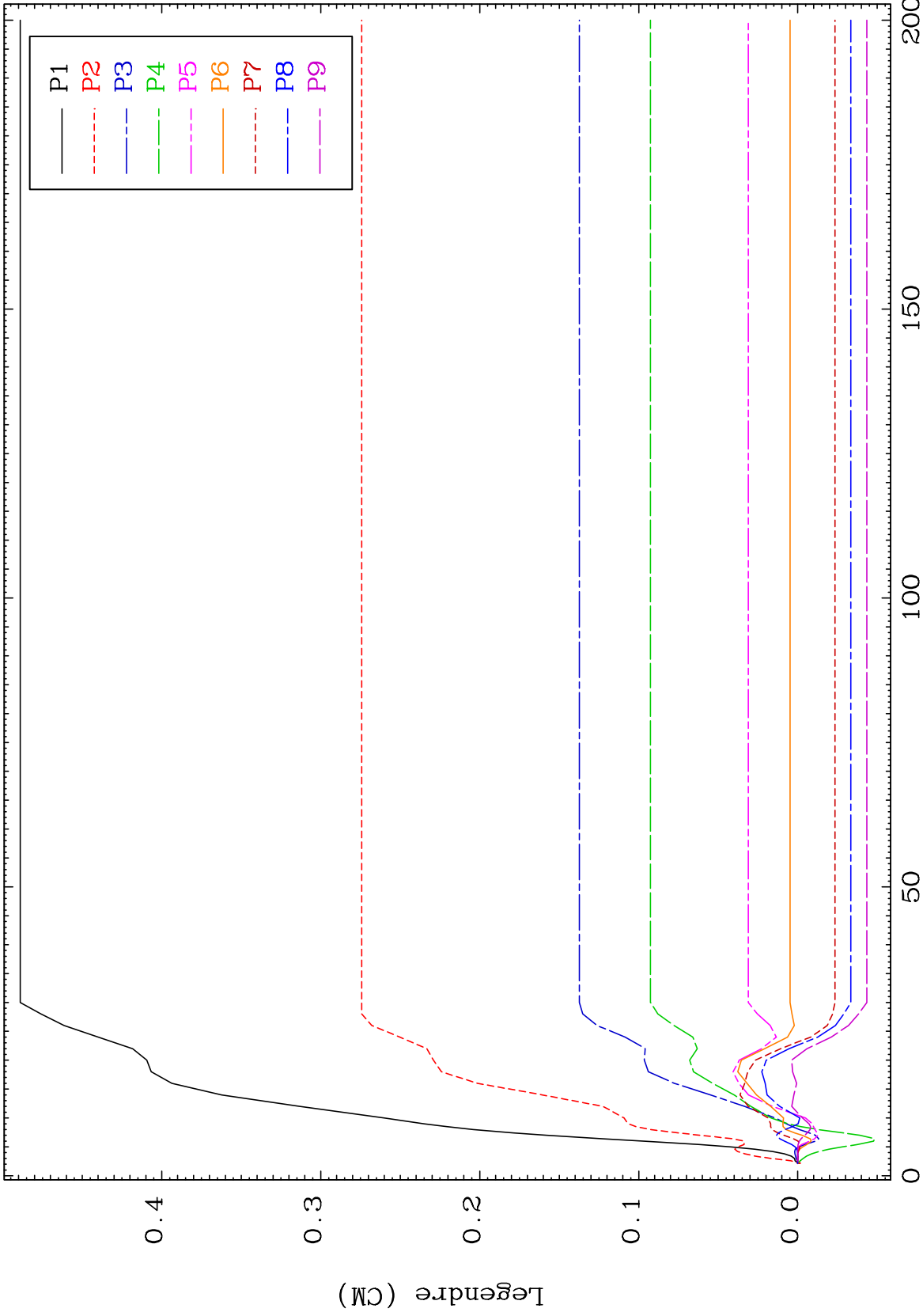
49

56-Ba-134

MAT 5637

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

56-Ba-134



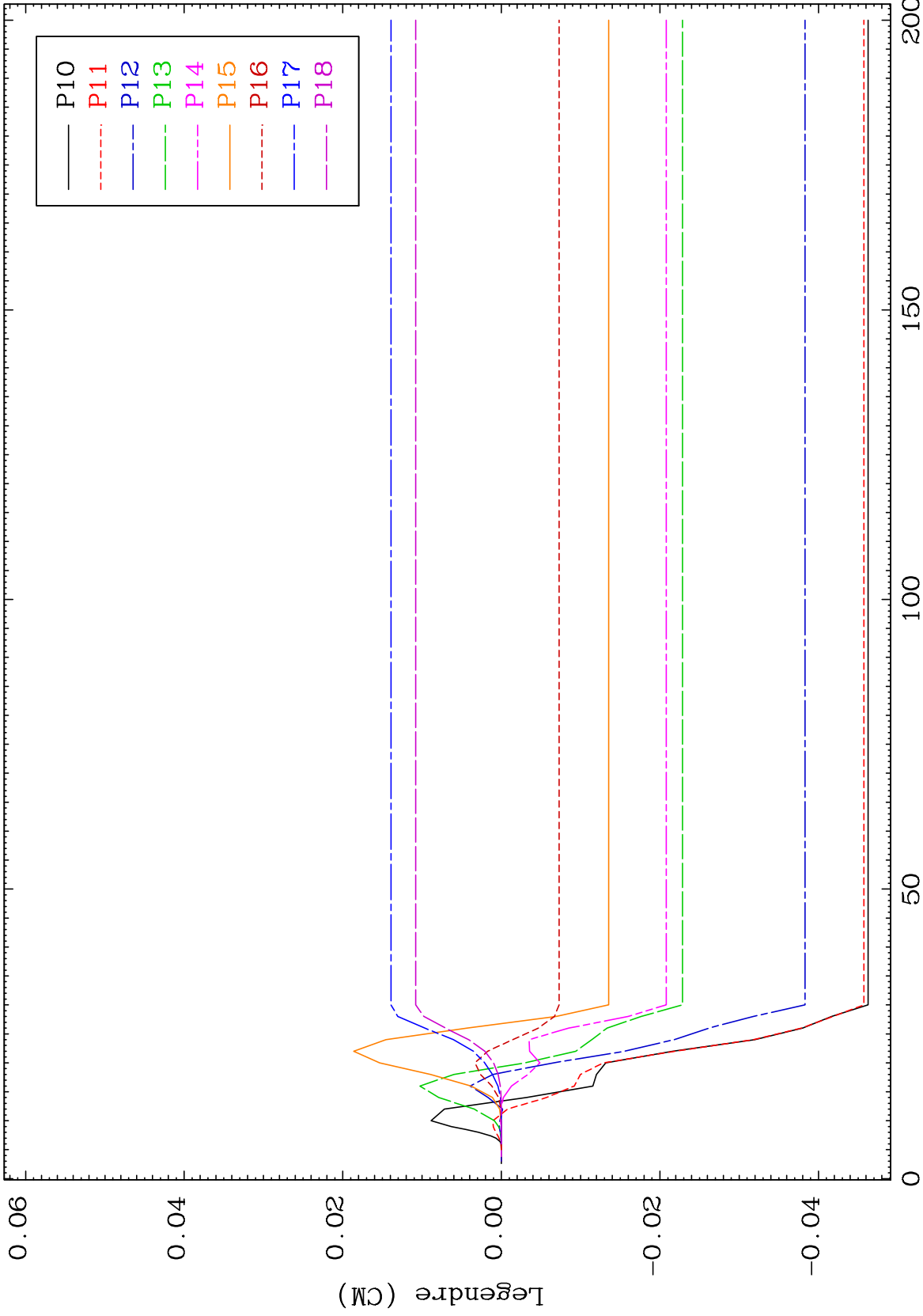
56-Ba-134

Incident Energy (MeV)

MAT 5637

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

56-Ba-134



51

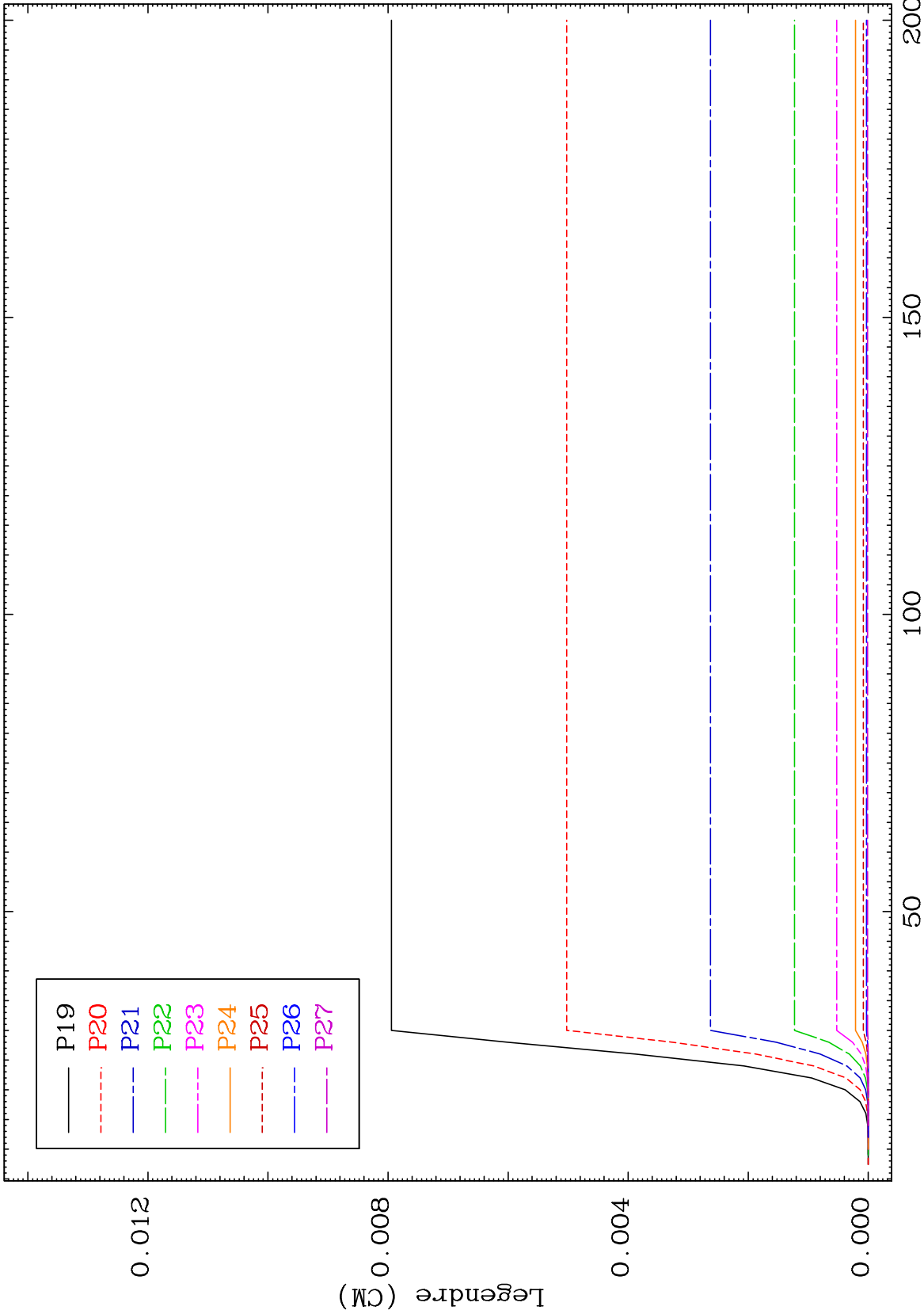
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



52

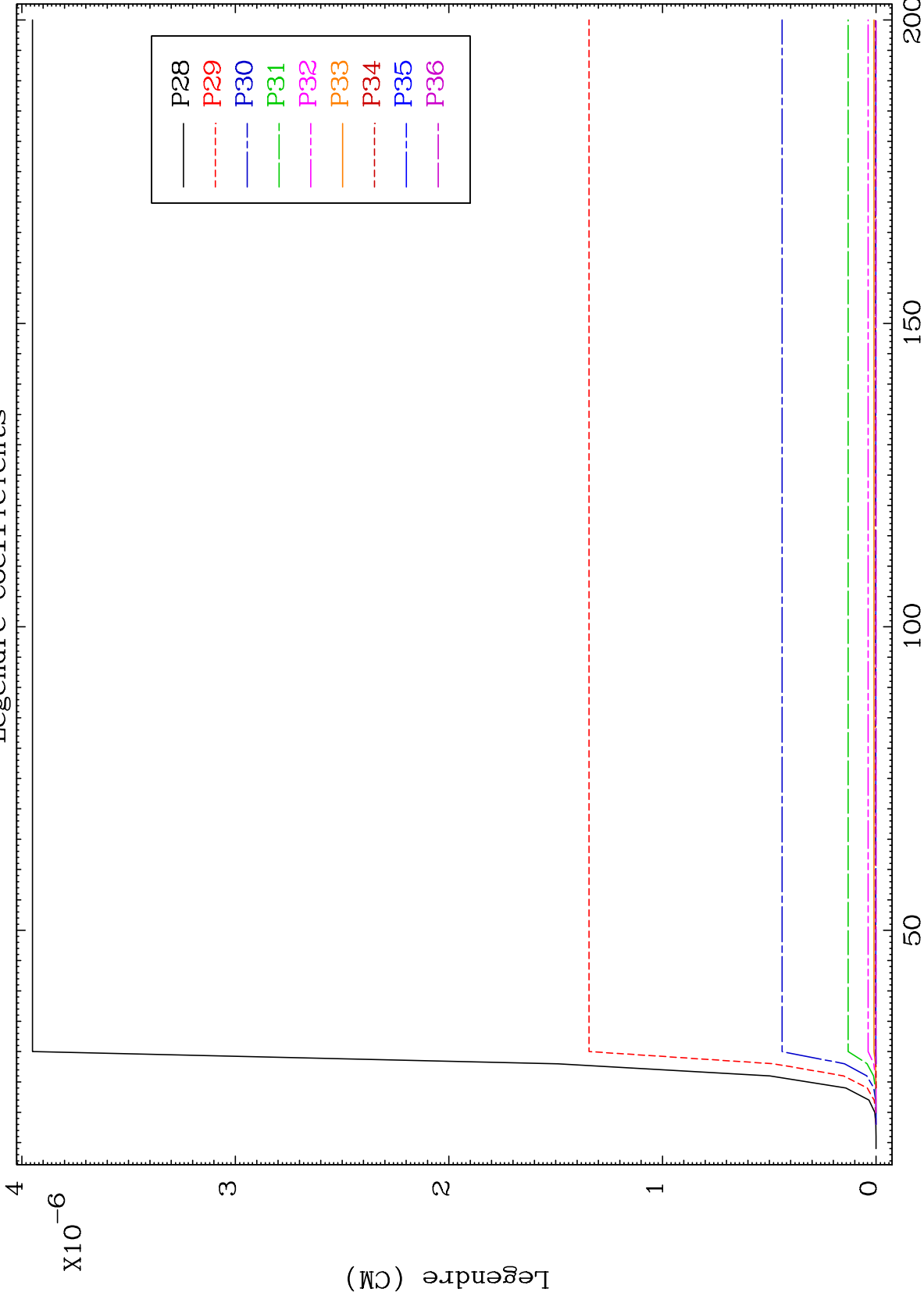
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



53

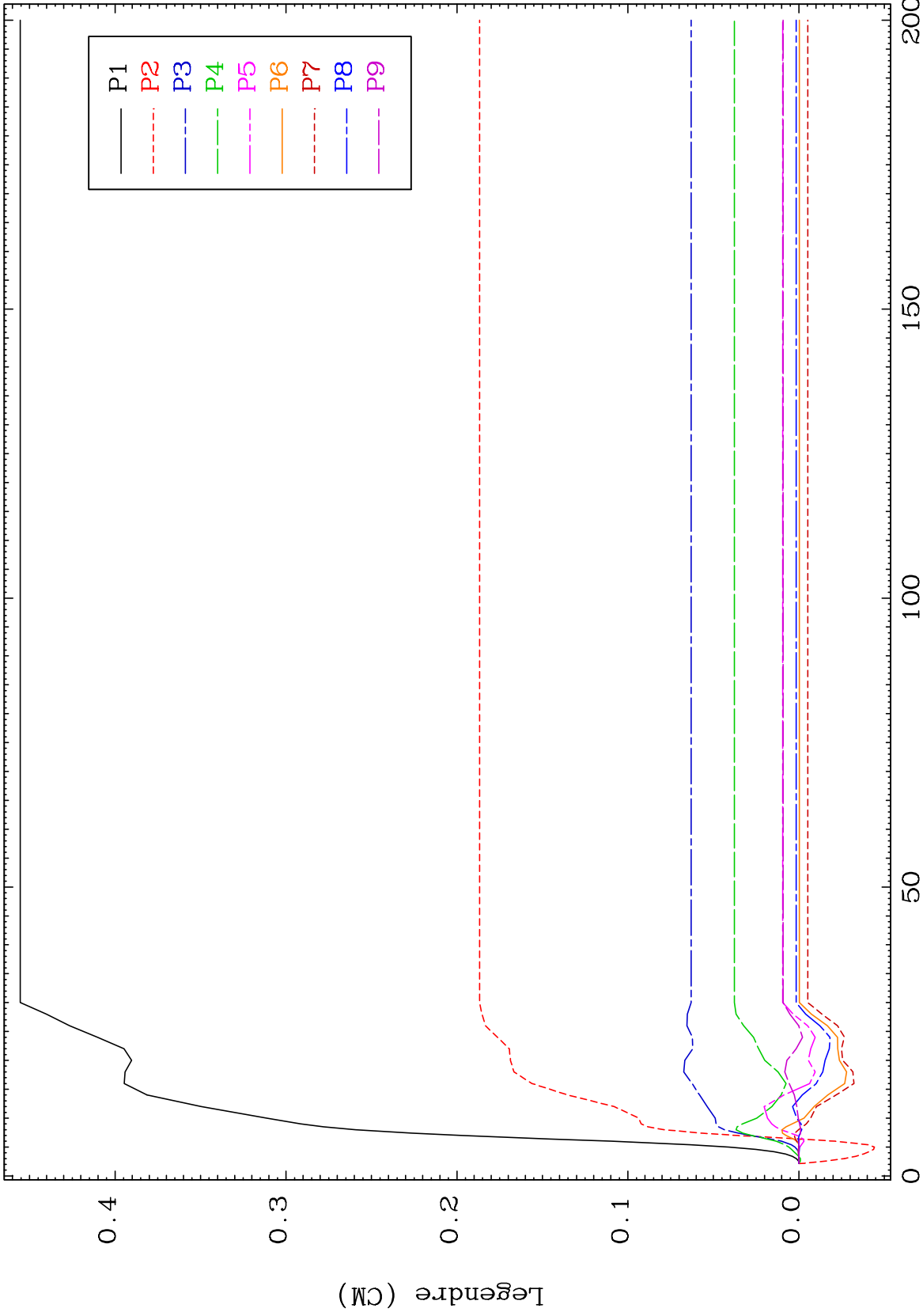
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



54

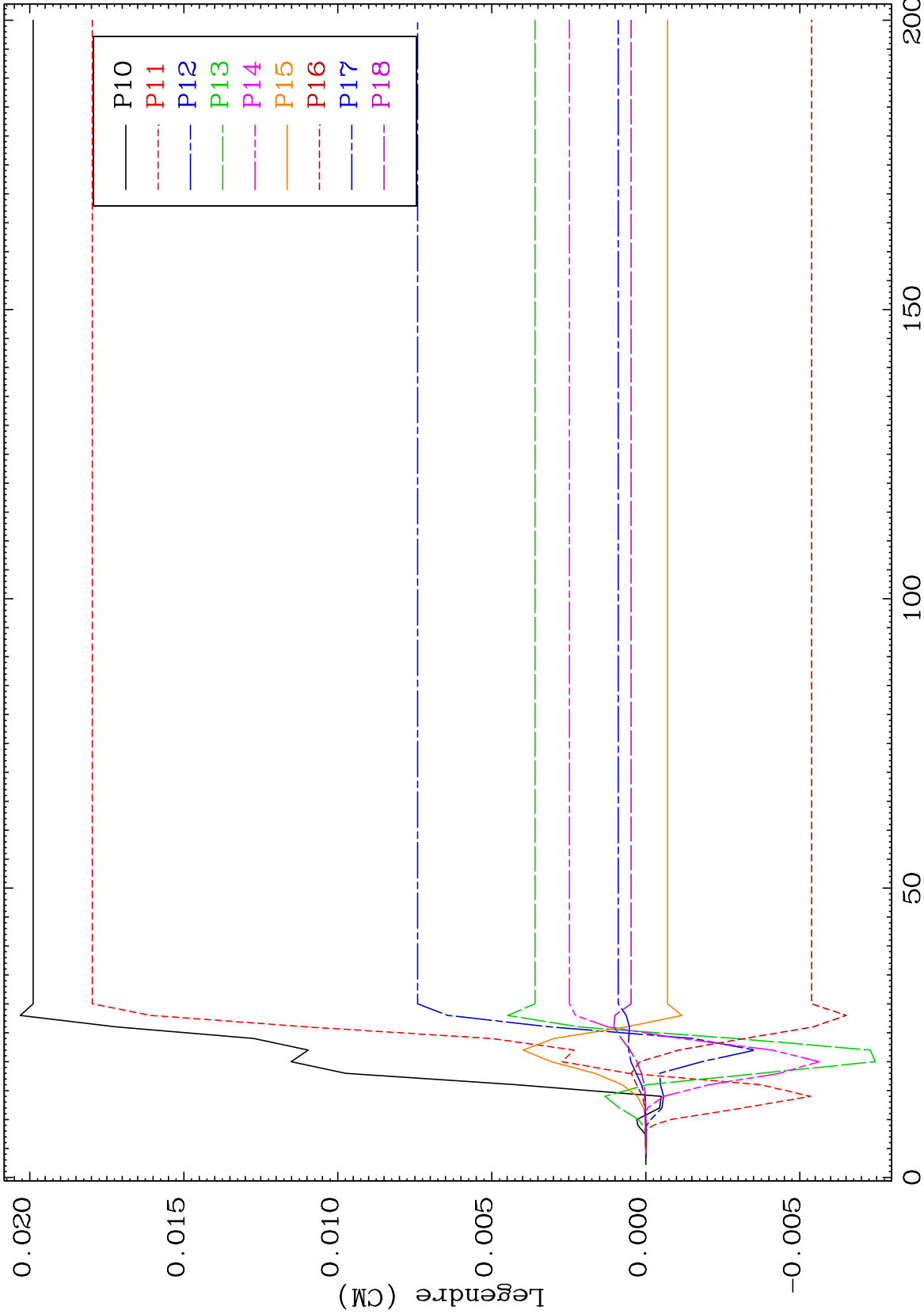
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



55

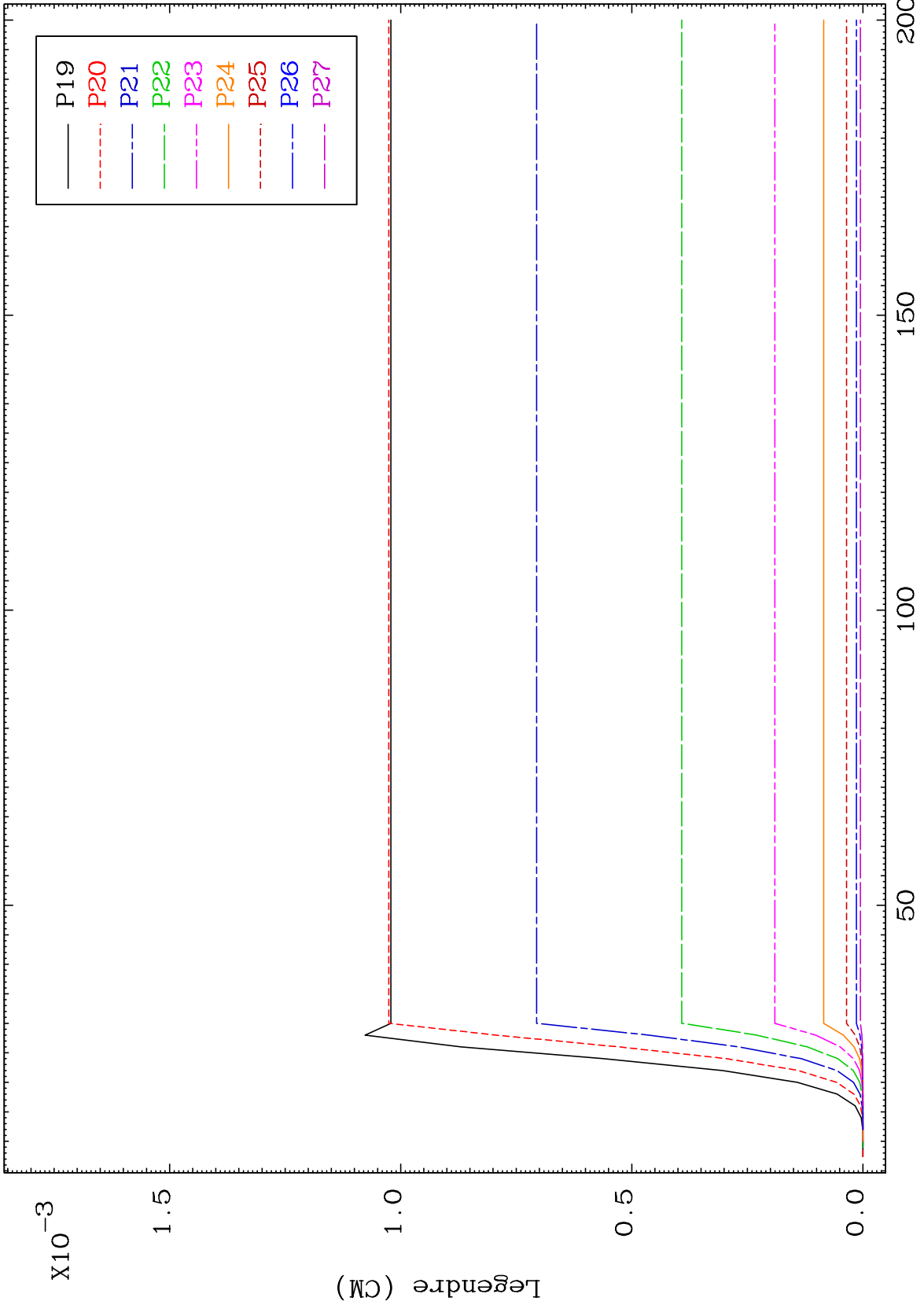
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



56

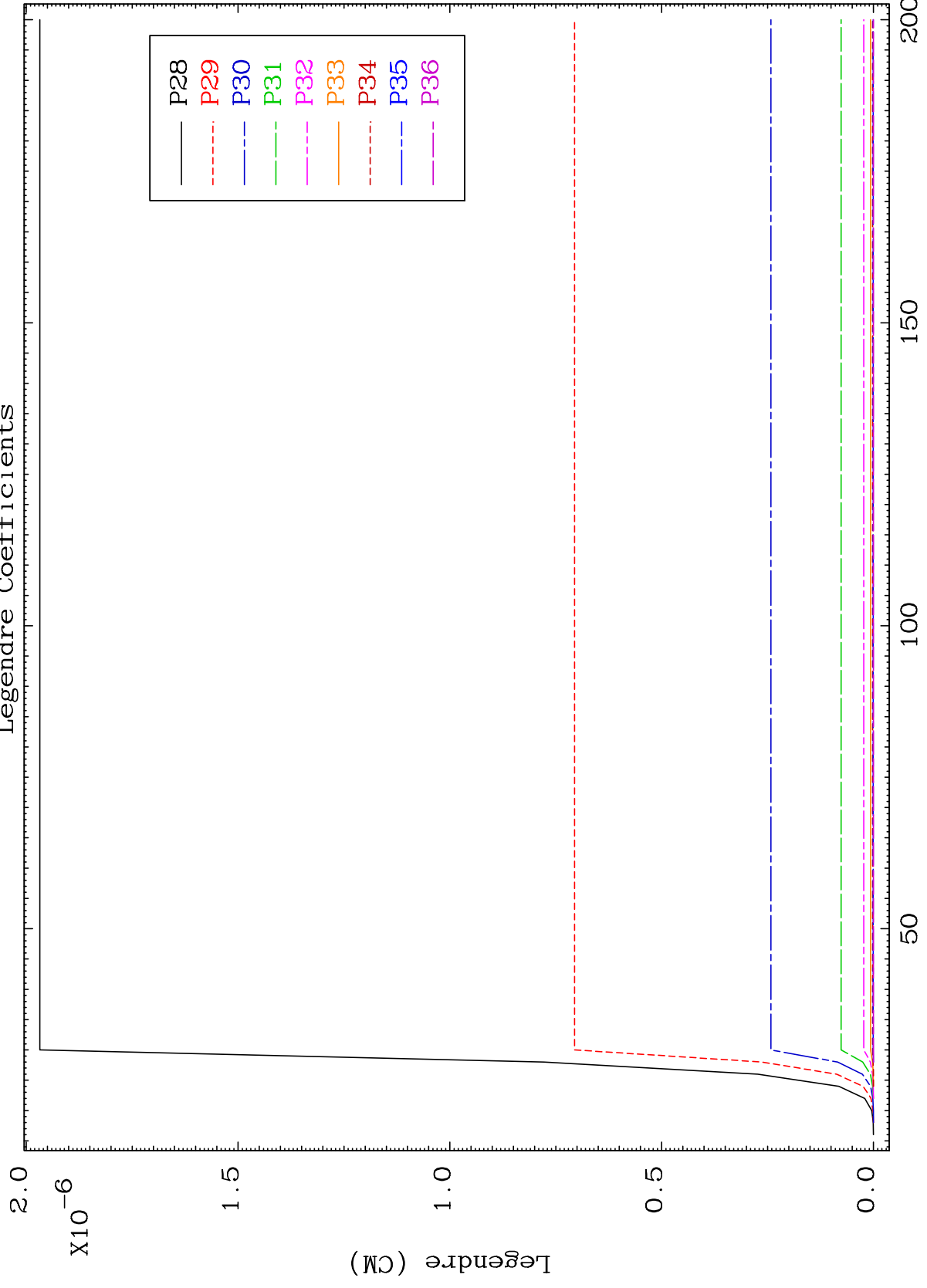
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



56-Ba-134

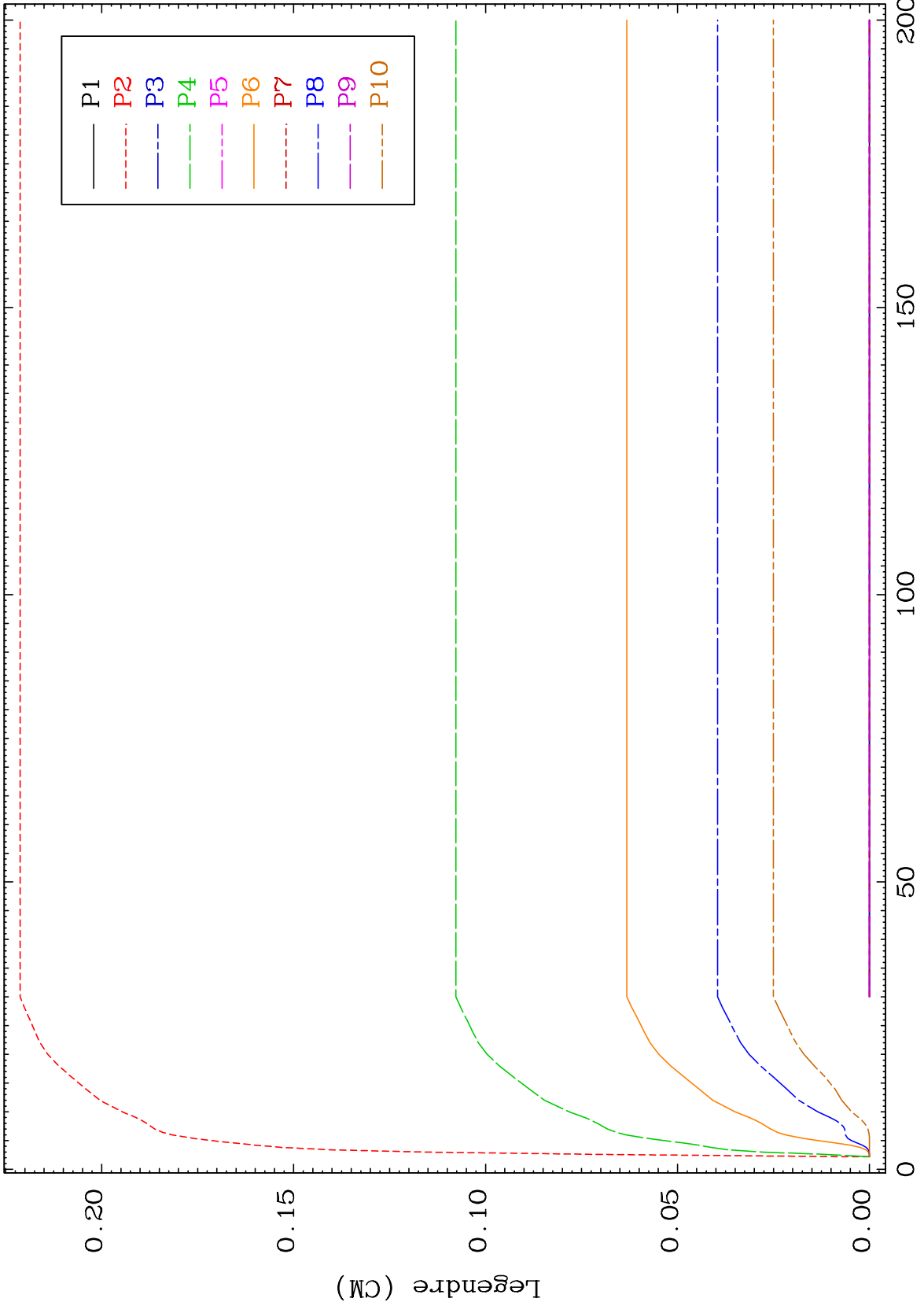
Incident Energy (MeV)

57

MAT 5637

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

56-Ba-134



58

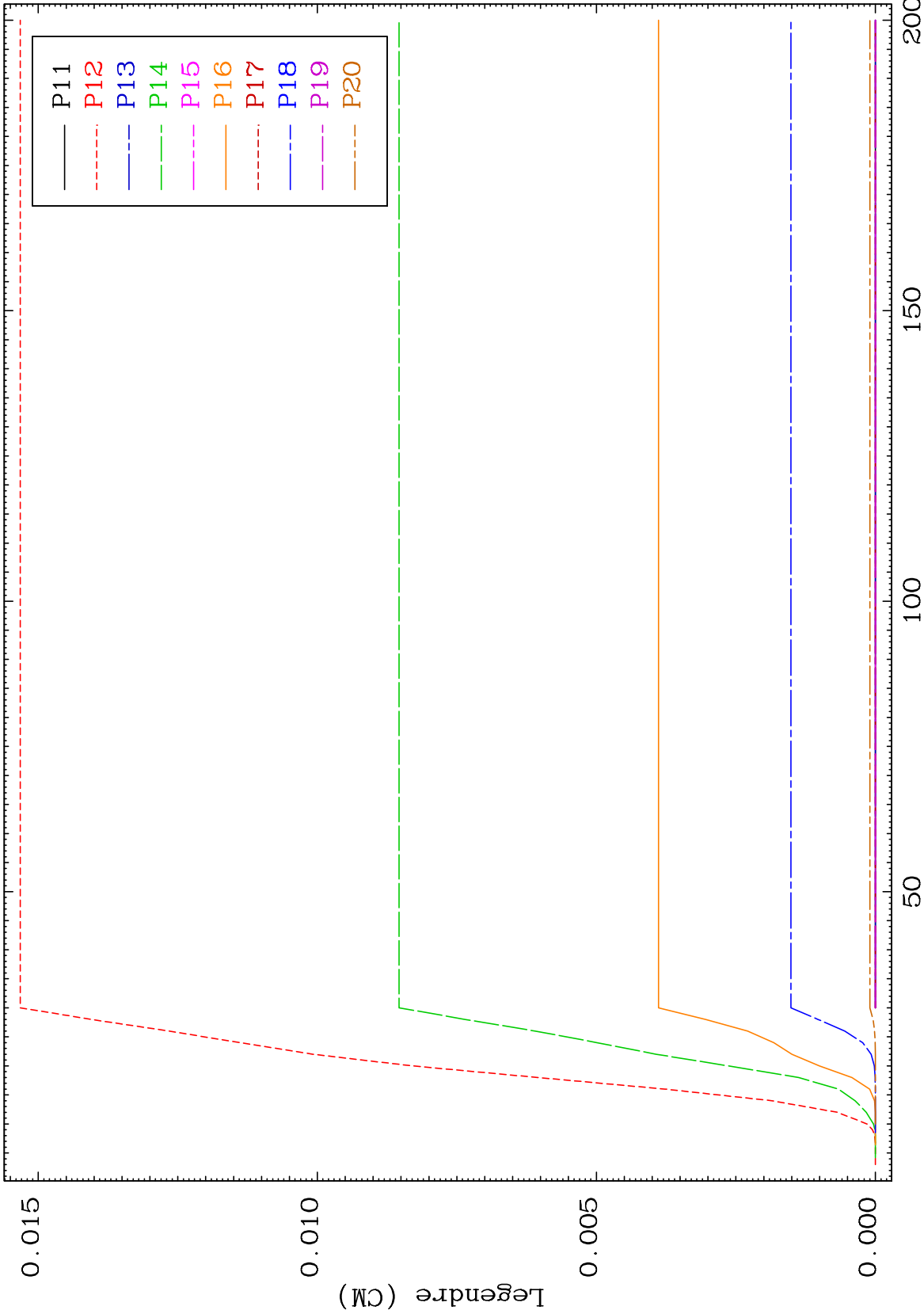
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134

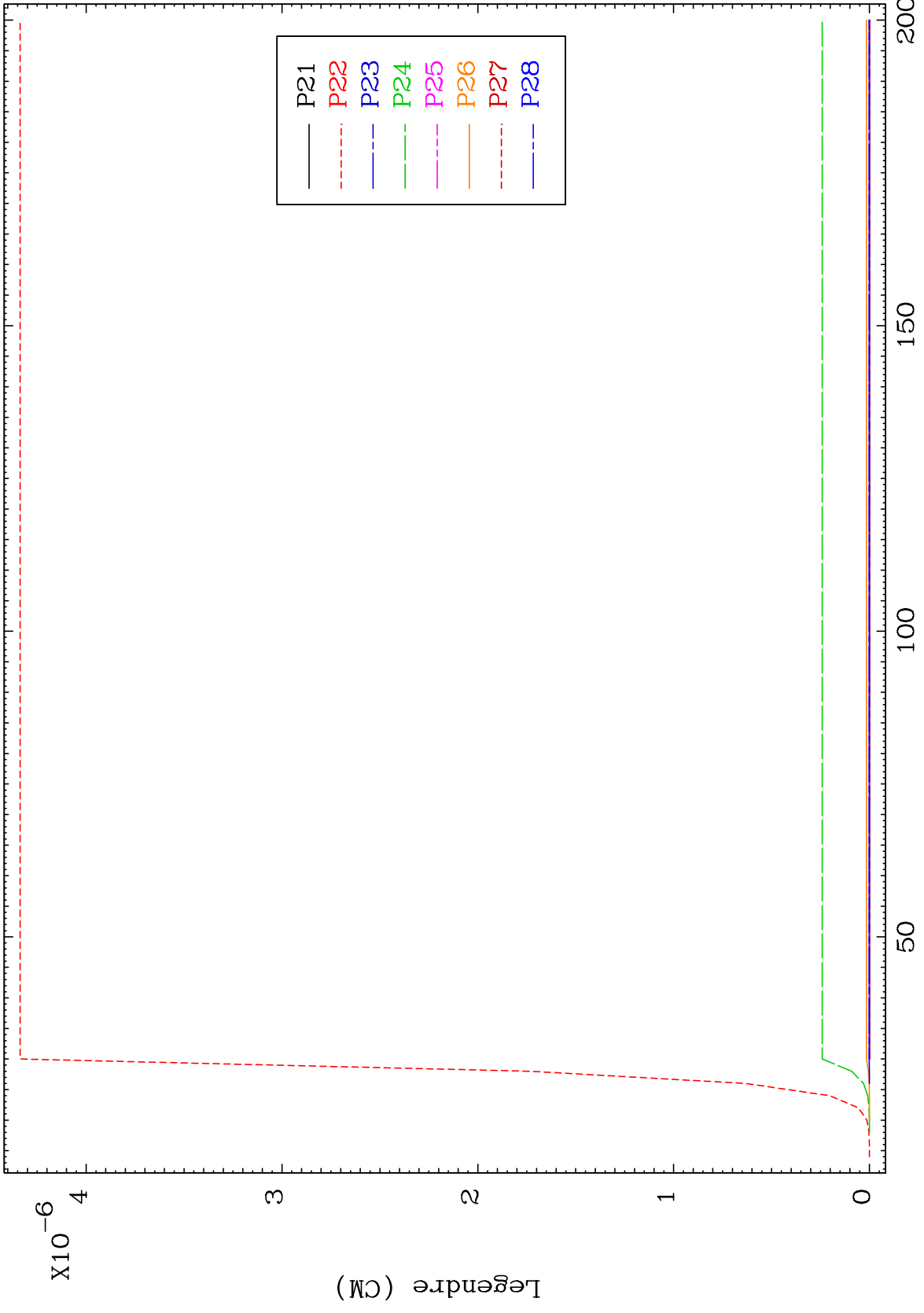


59

Incident Energy (MeV)

56-Ba-134

MAT 5637 MT= 61 (n,n') Level Legendre Coefficients 56-Ba-134

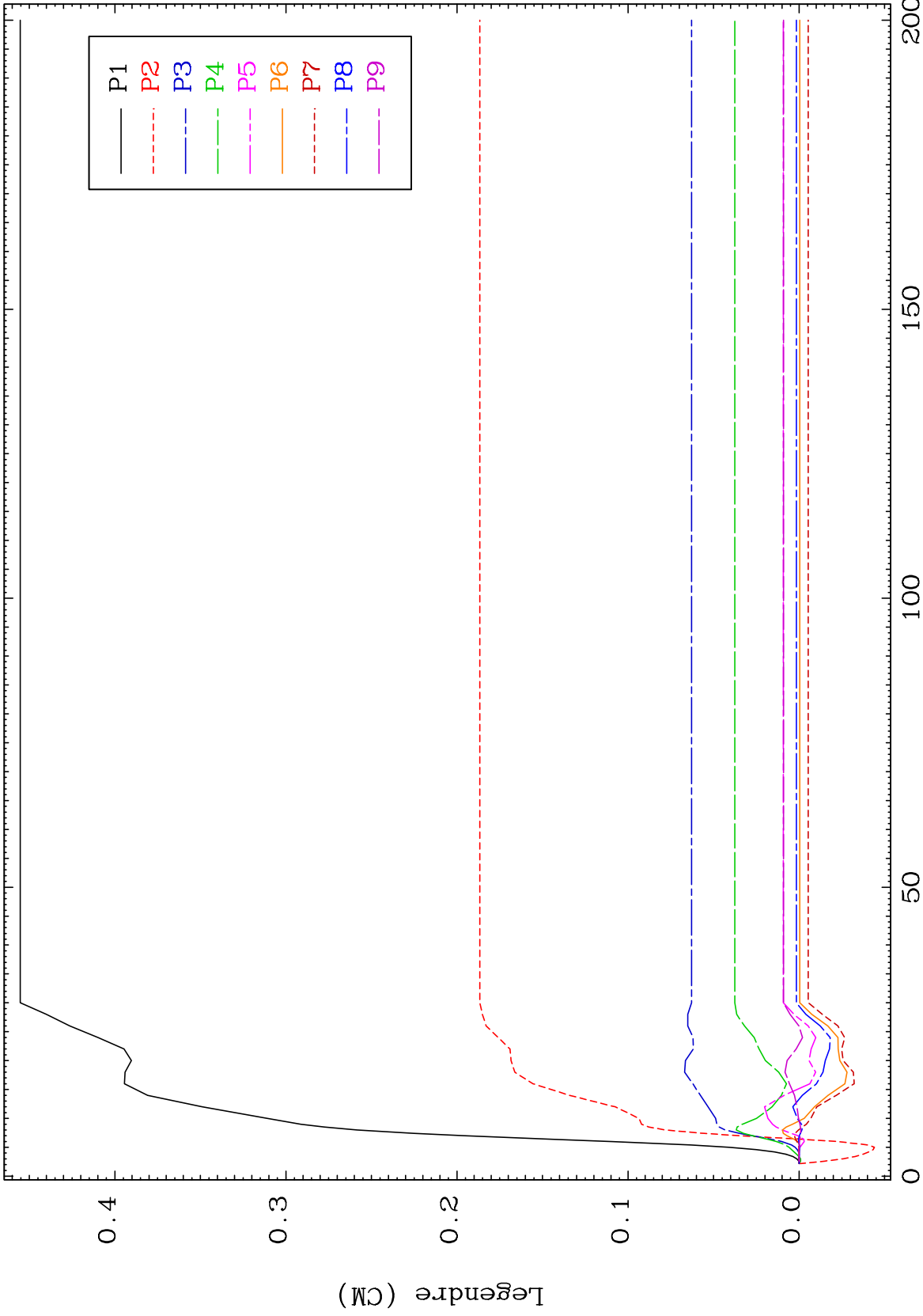


56-Ba-134

MAT 5637

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

56-Ba-134



61

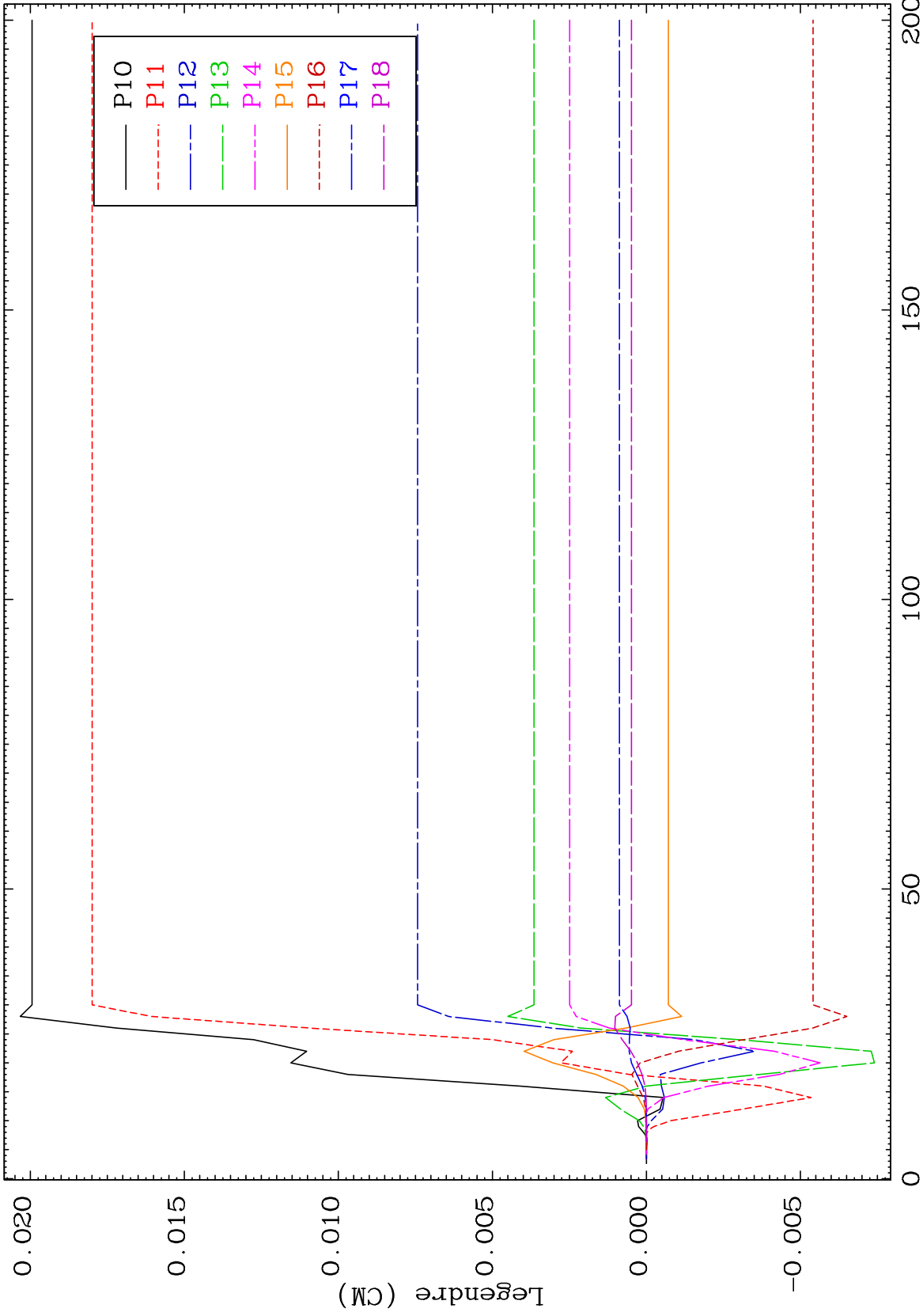
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



62

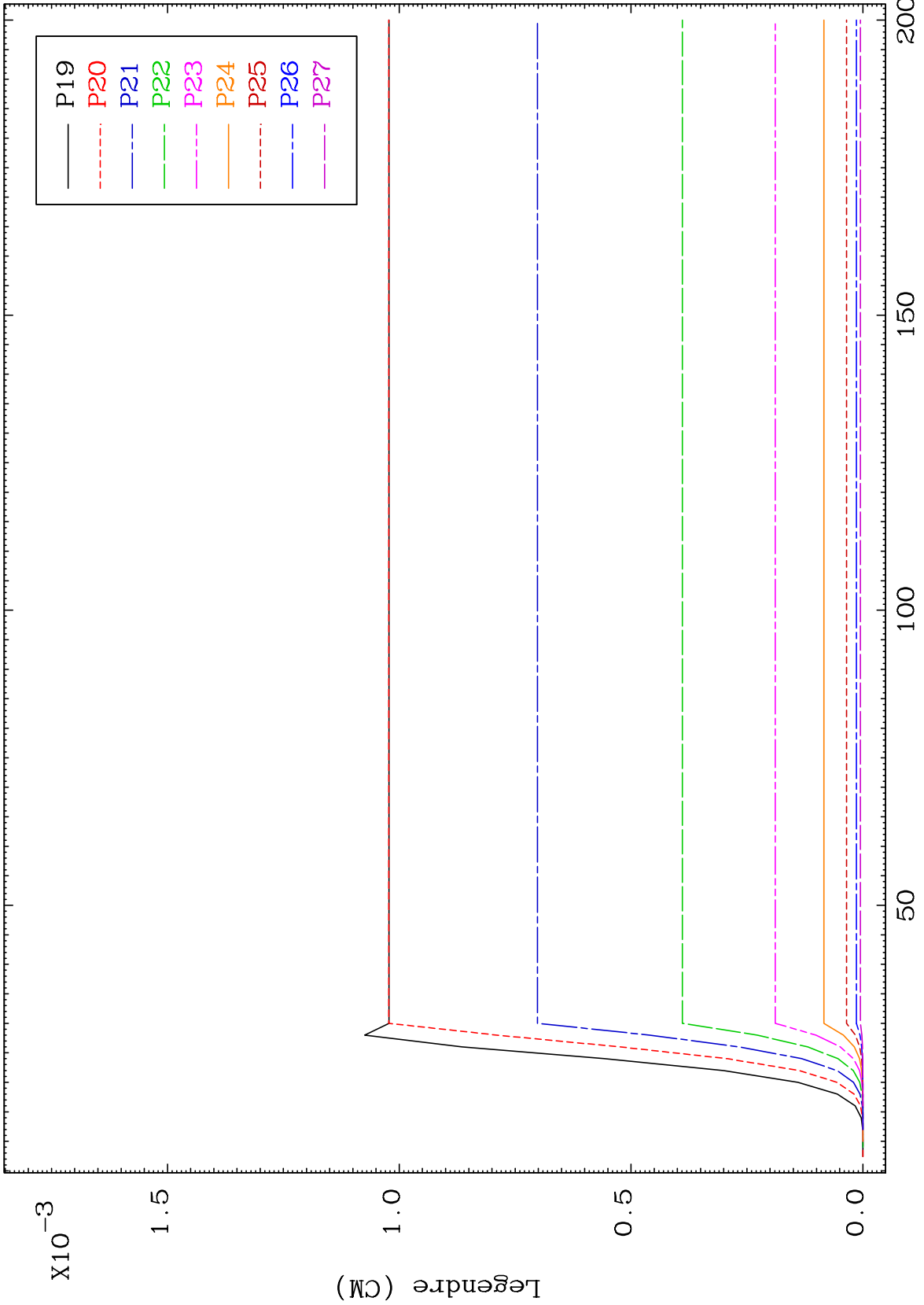
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



63

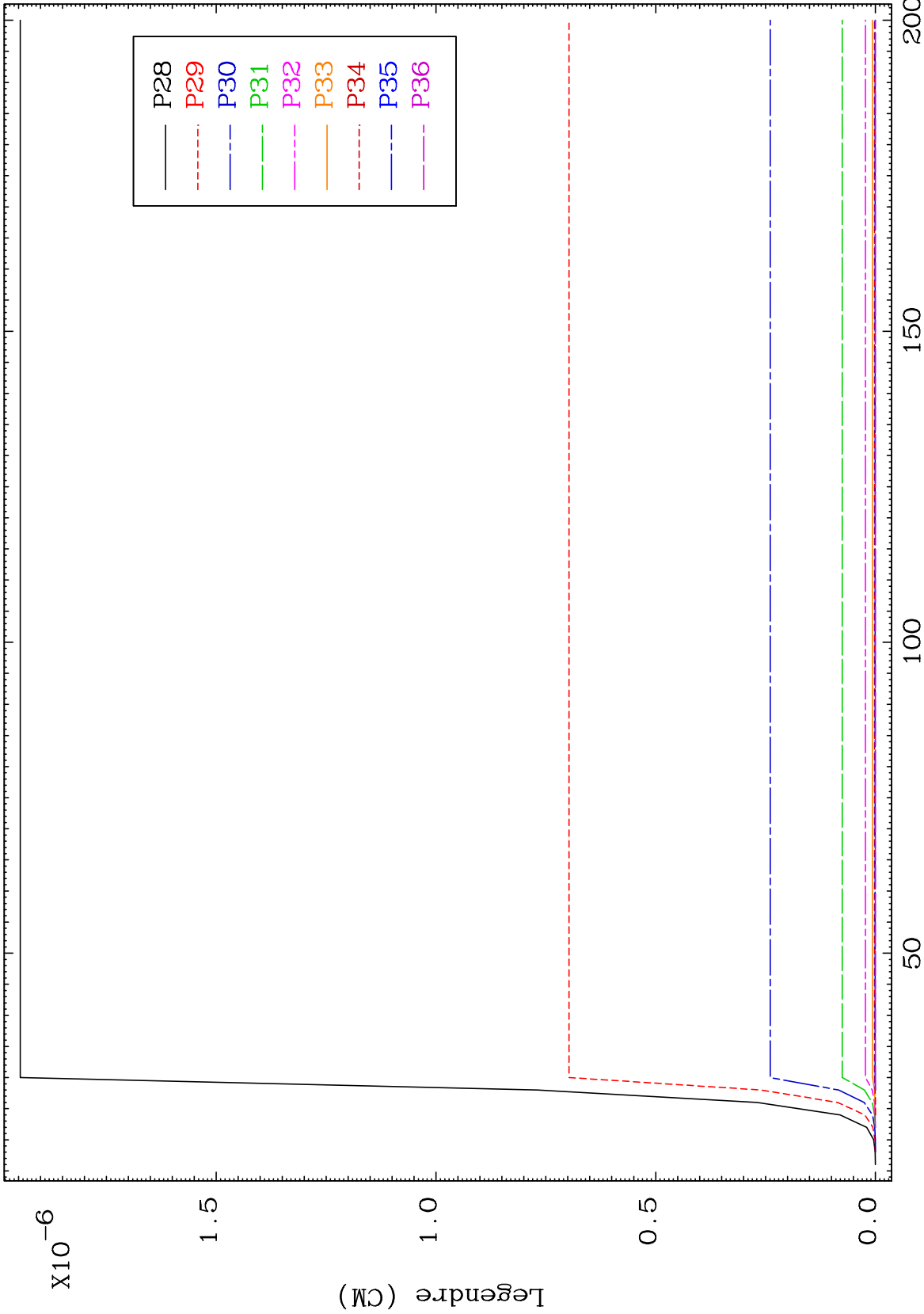
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



64

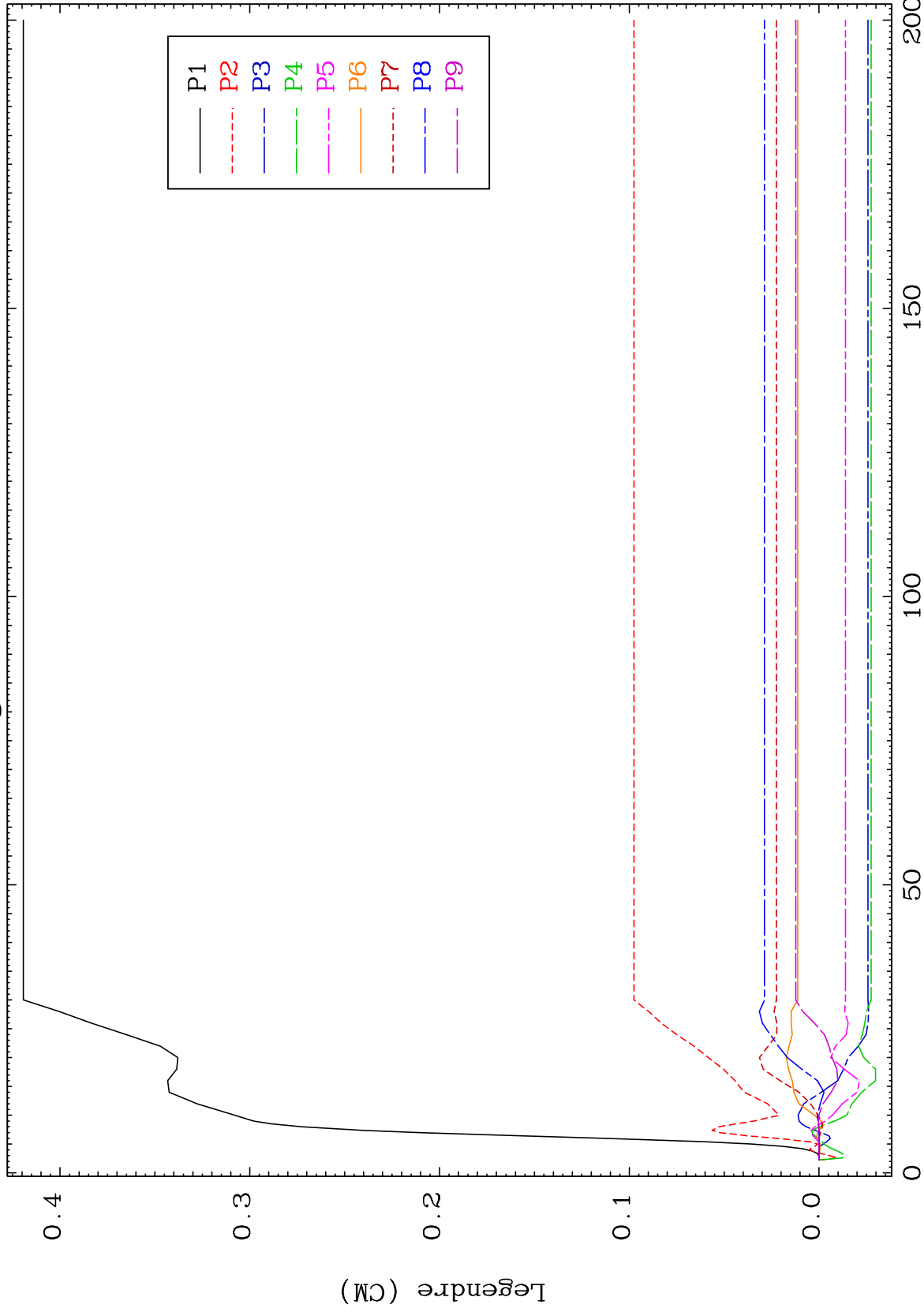
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



65

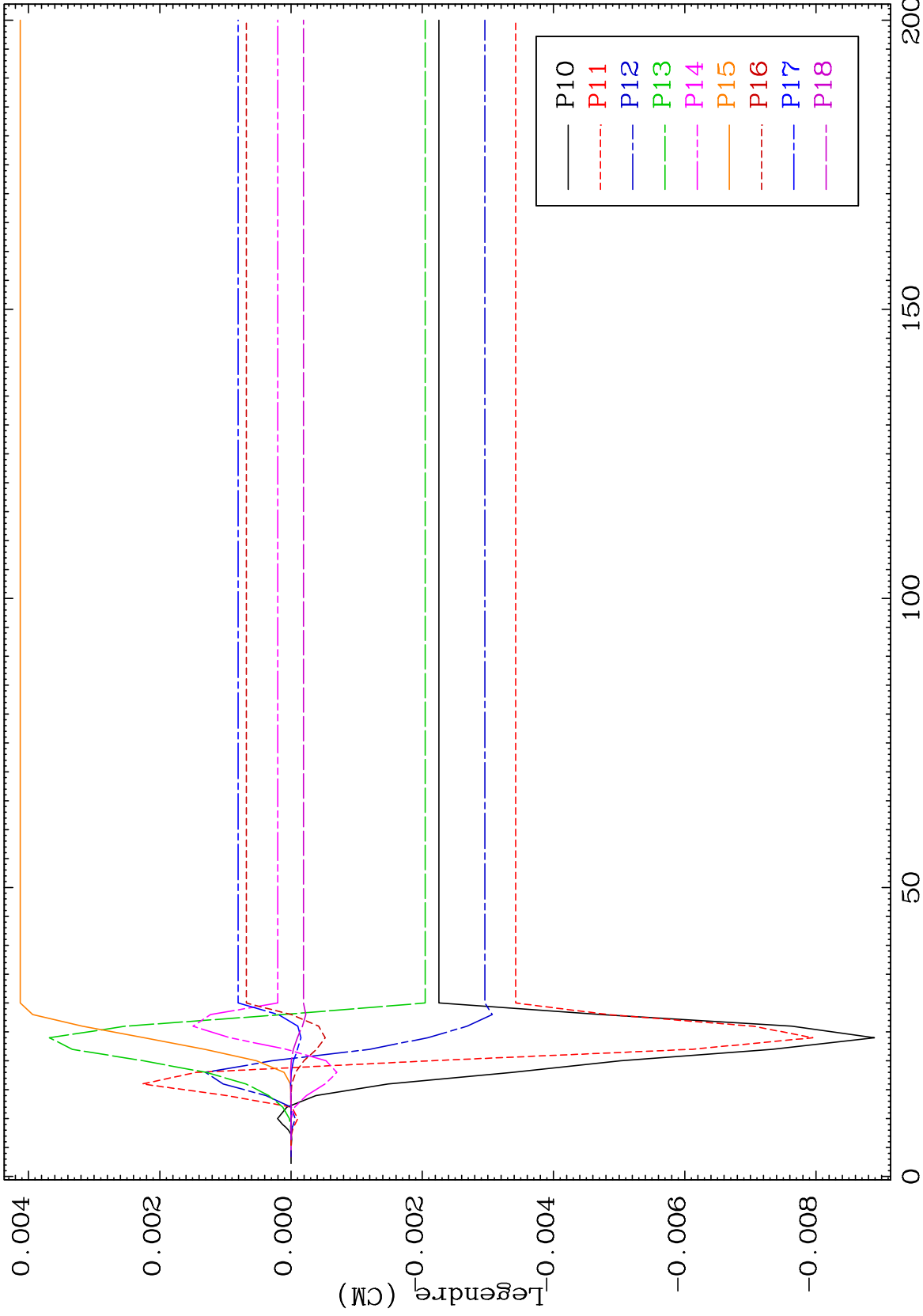
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



66

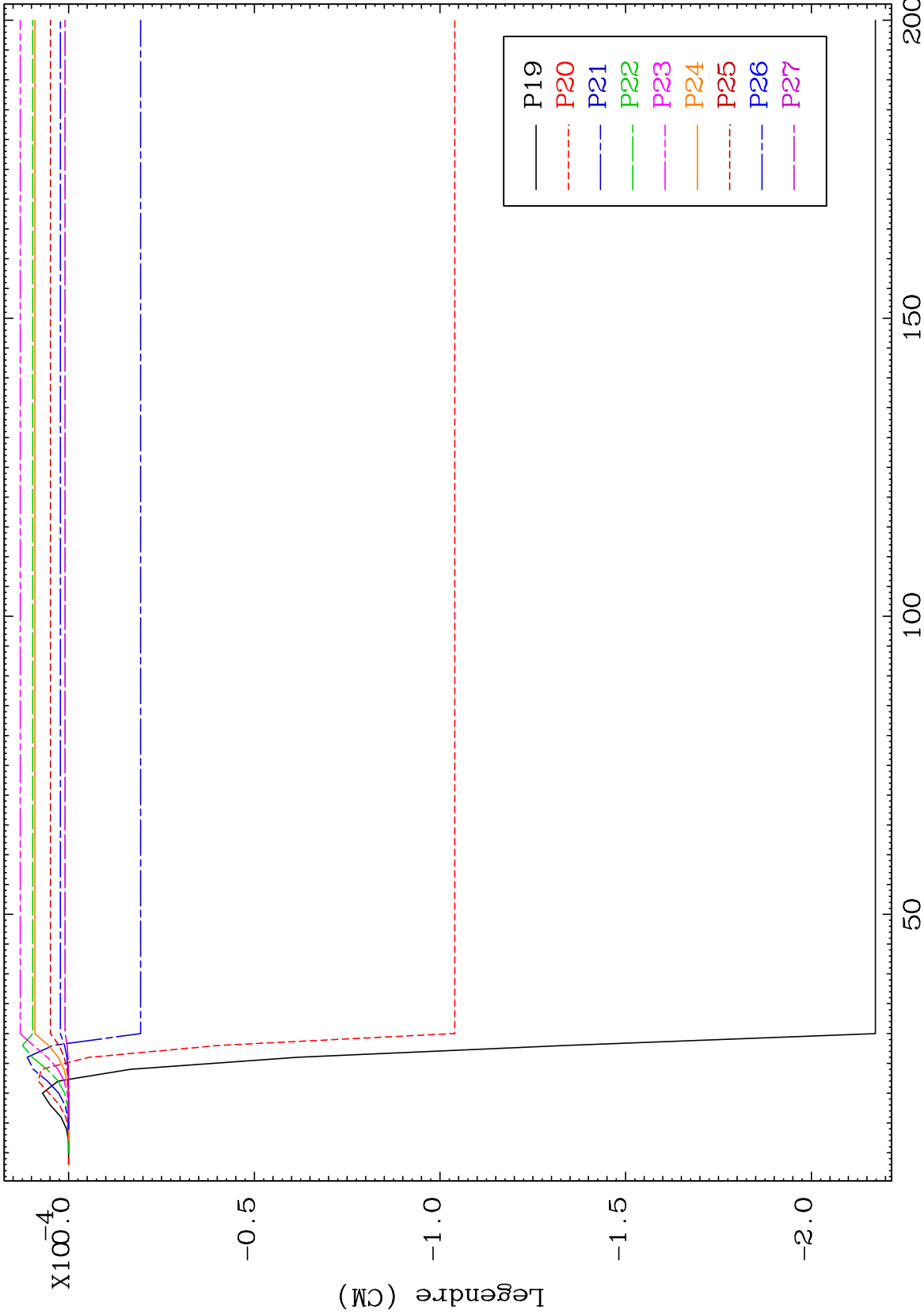
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



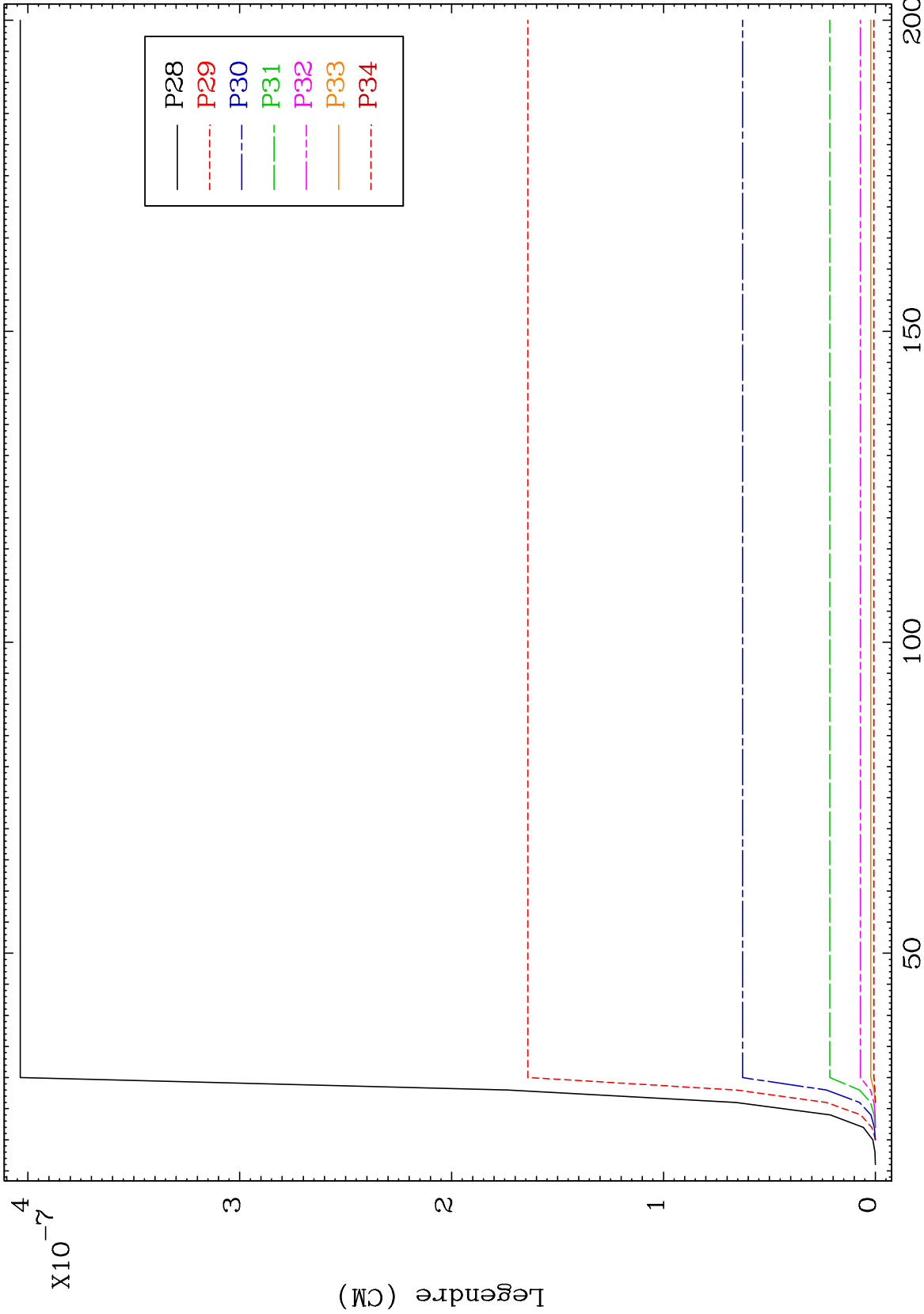
67

56-Ba-134

MAT 5637

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

56-Ba-134



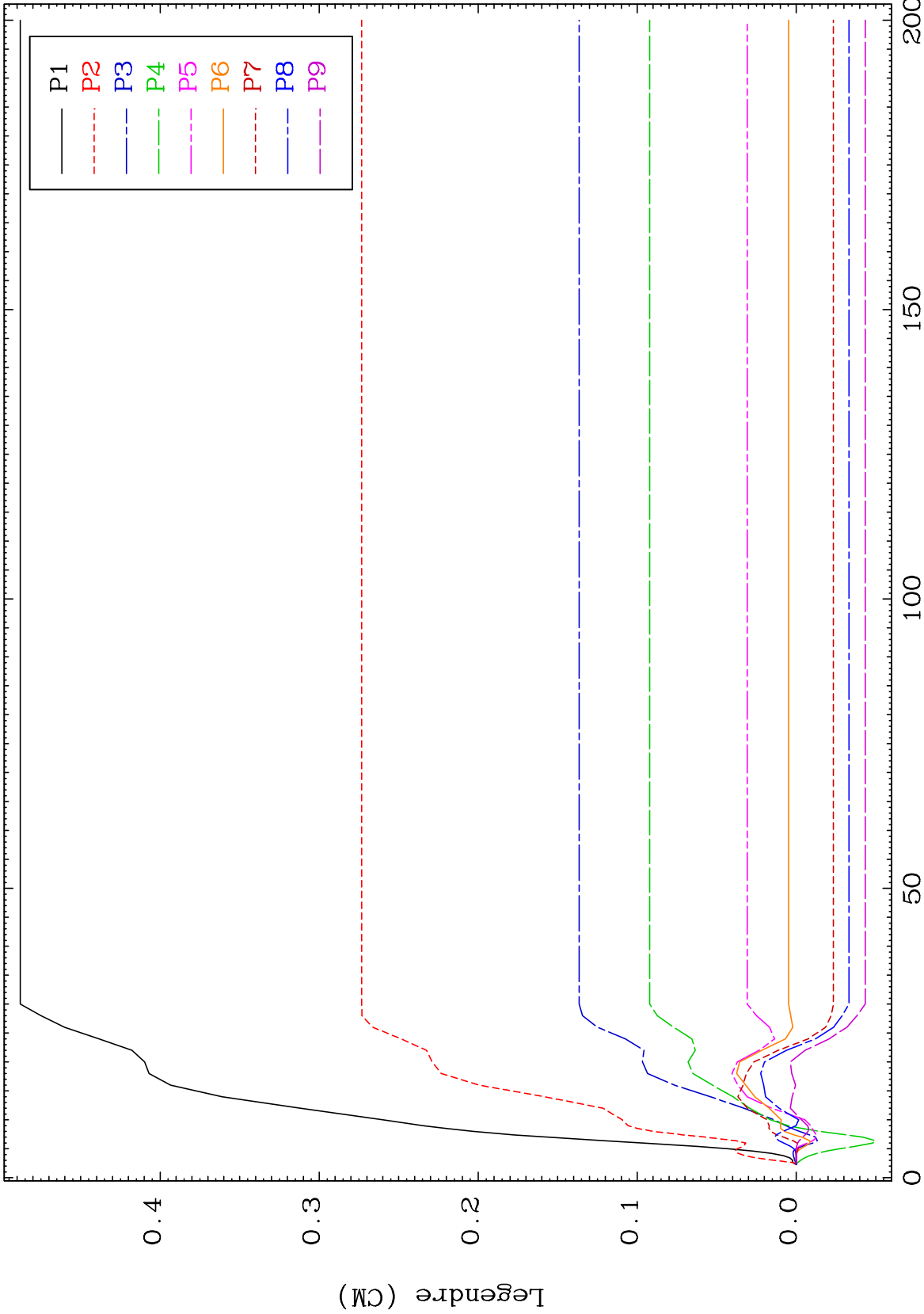
68

56-Ba-134

MAT 5637

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

56-Ba-134



69

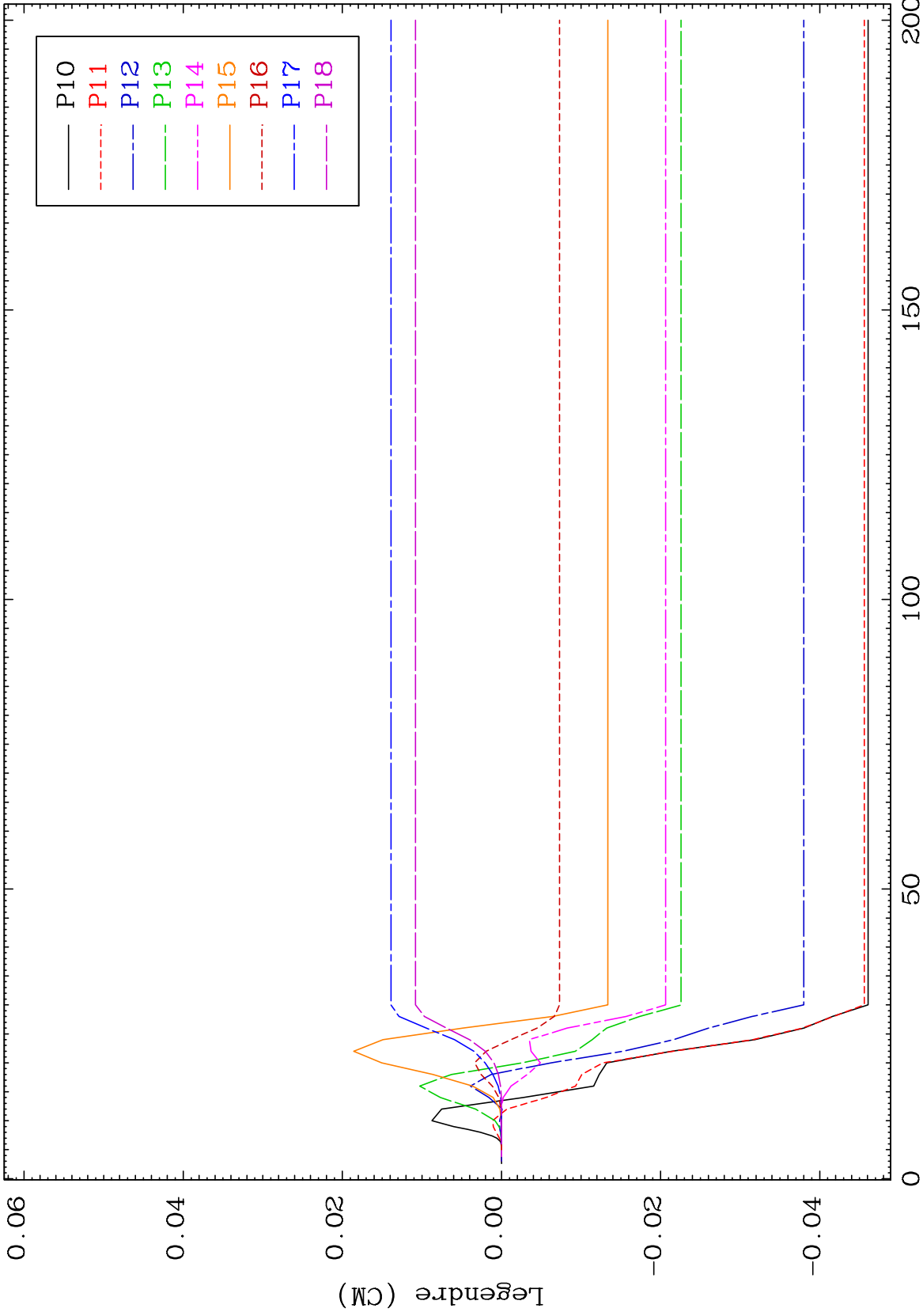
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



70

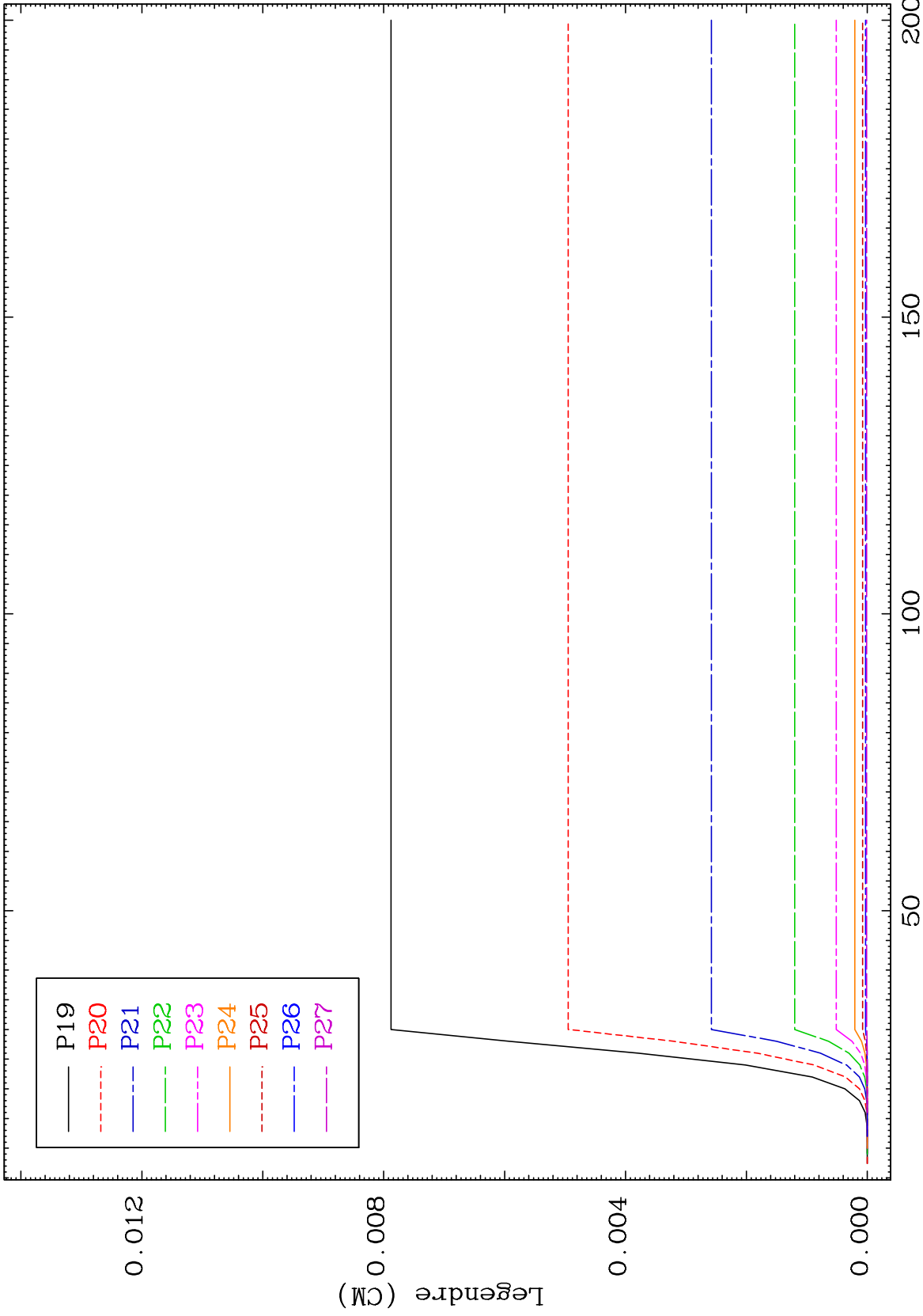
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



71

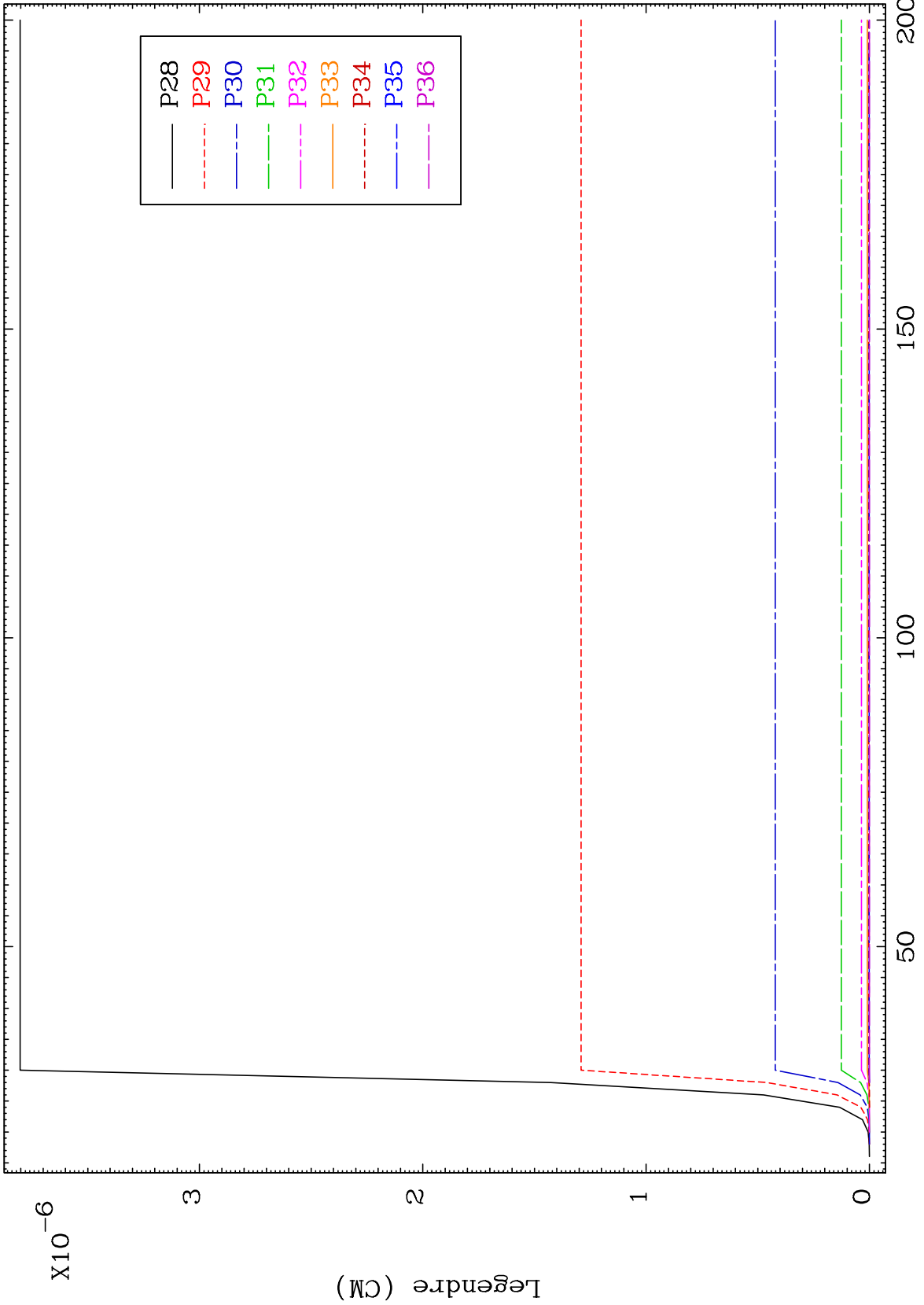
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



72

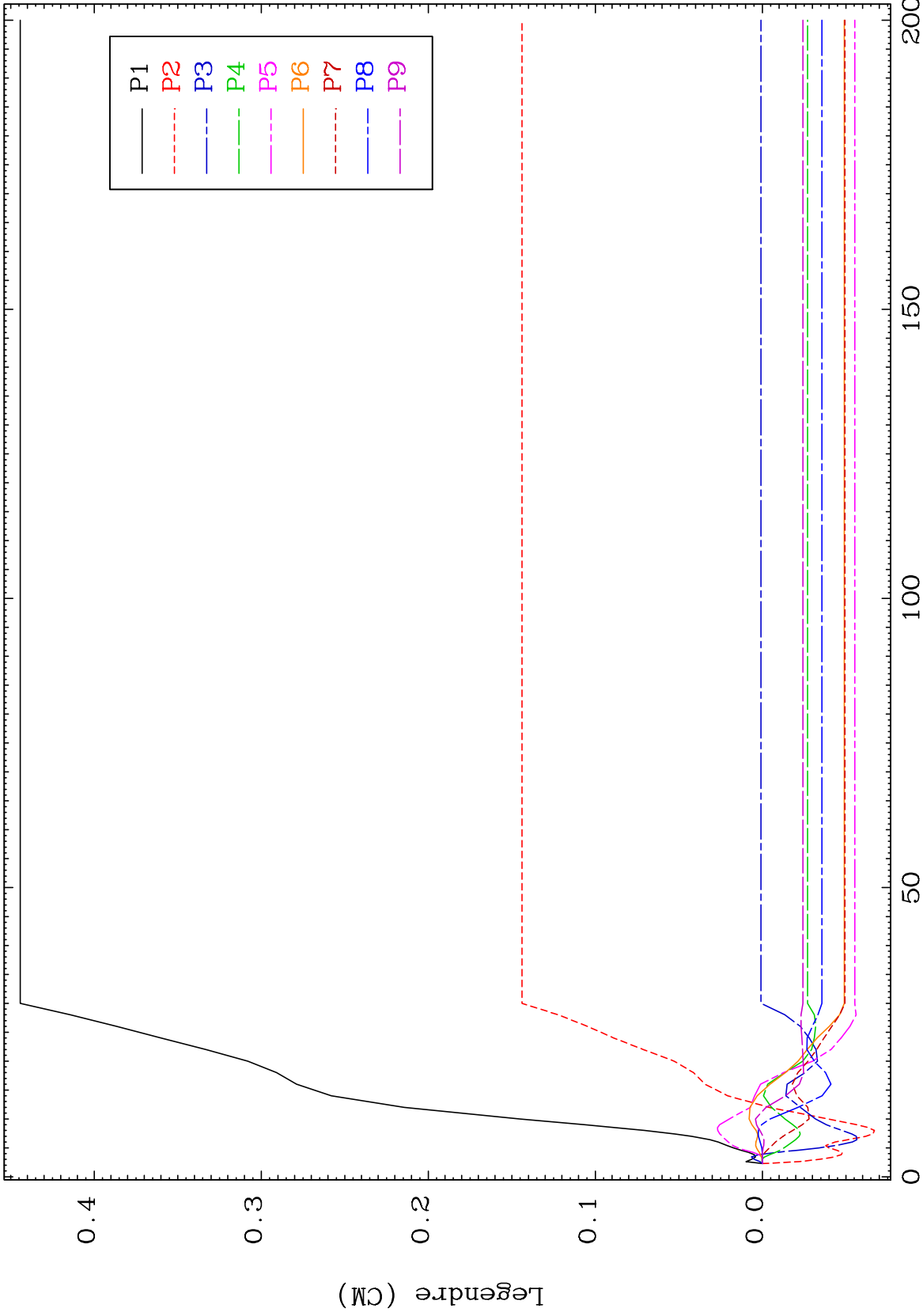
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



73

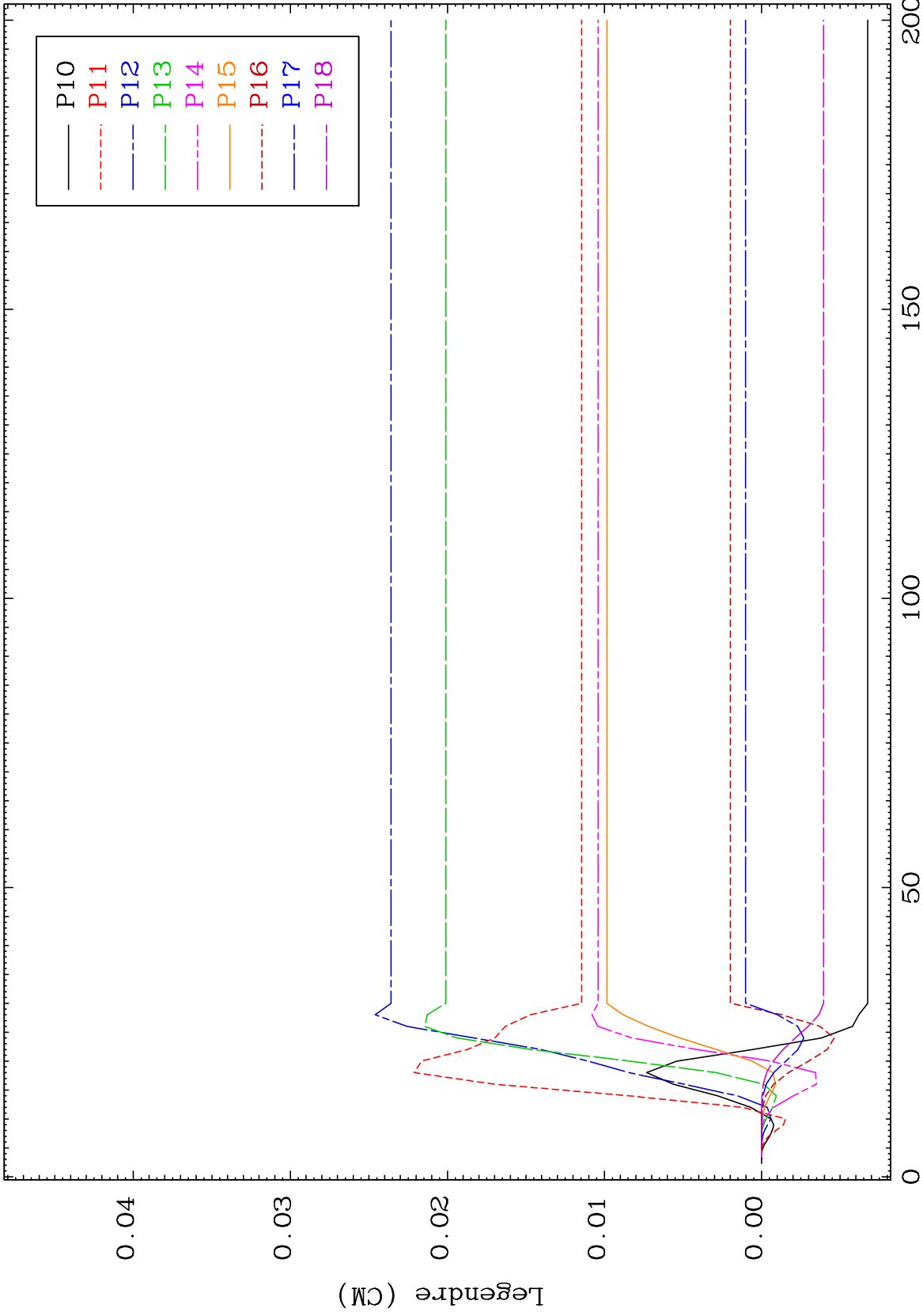
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



74

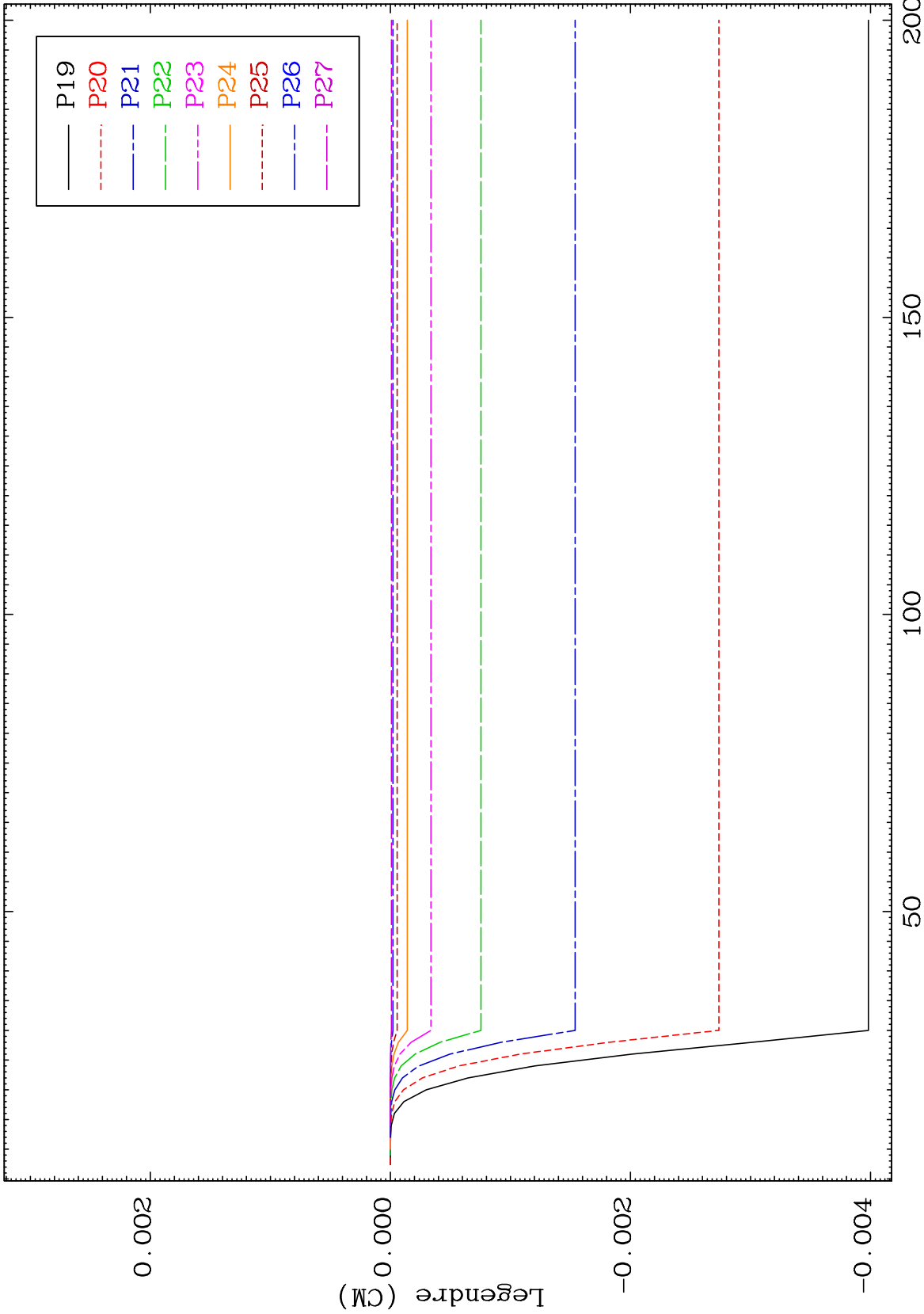
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



75

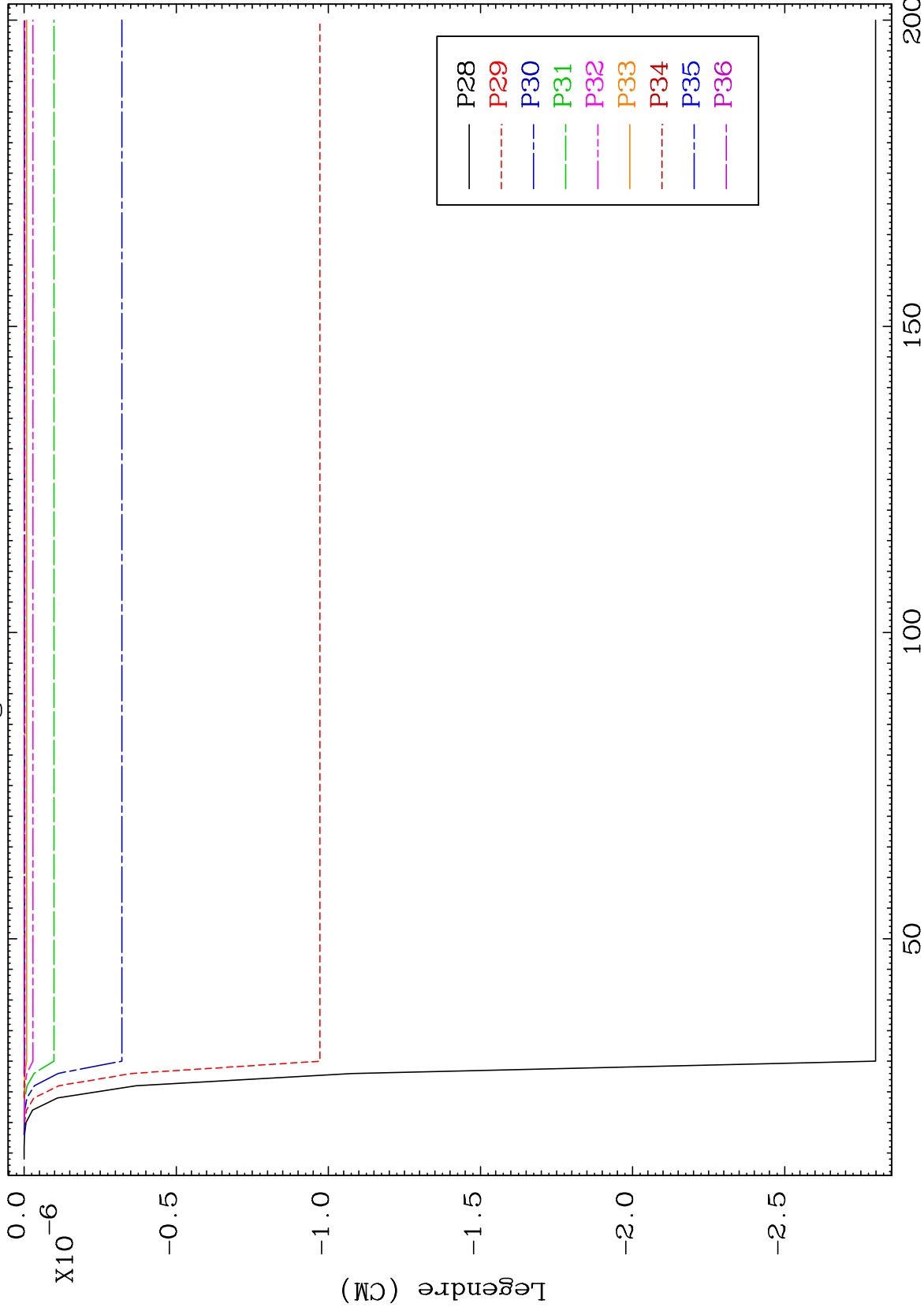
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



76

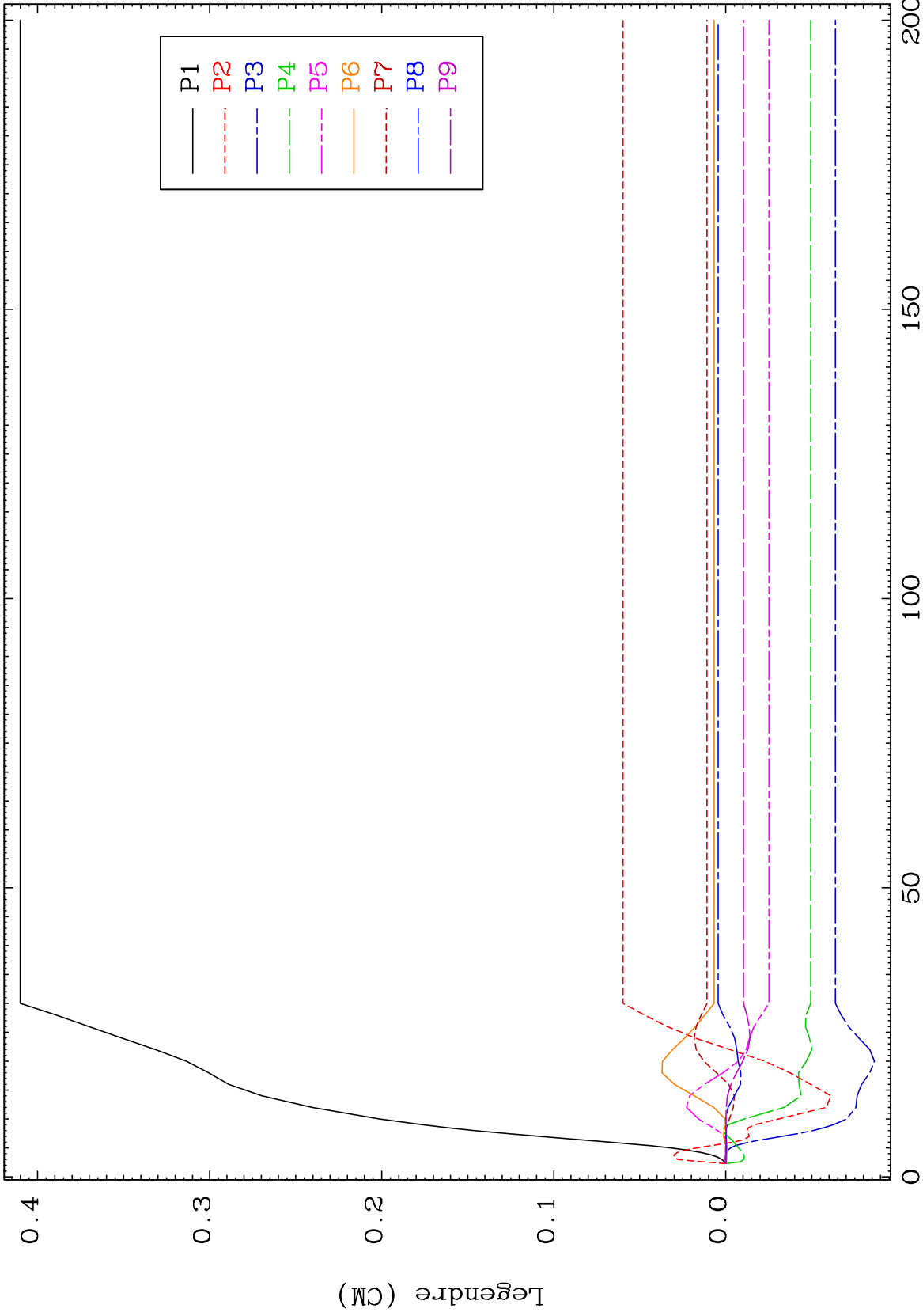
56-Ba-134

200

MAT 5637

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

56-Ba-134



77

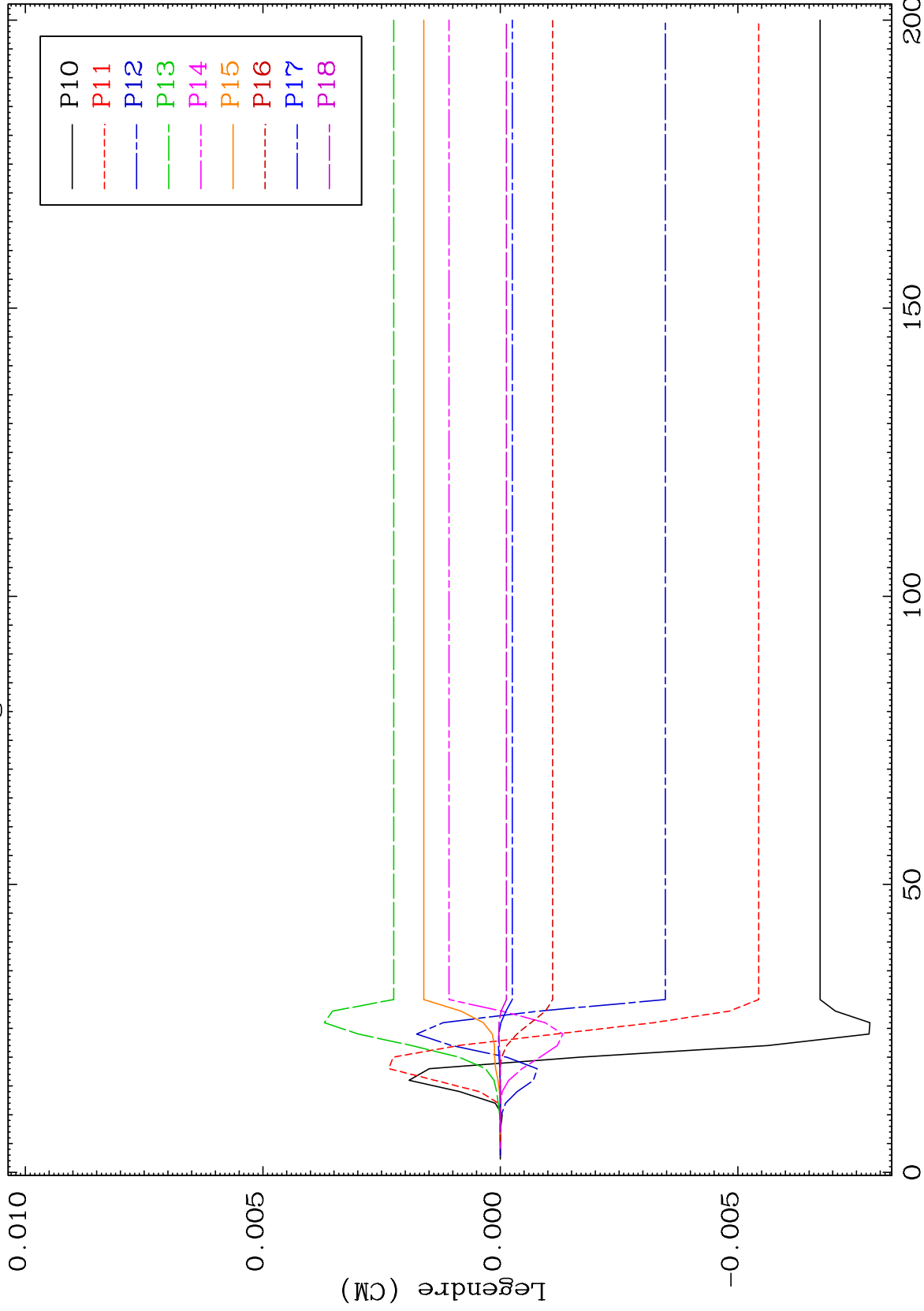
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



78

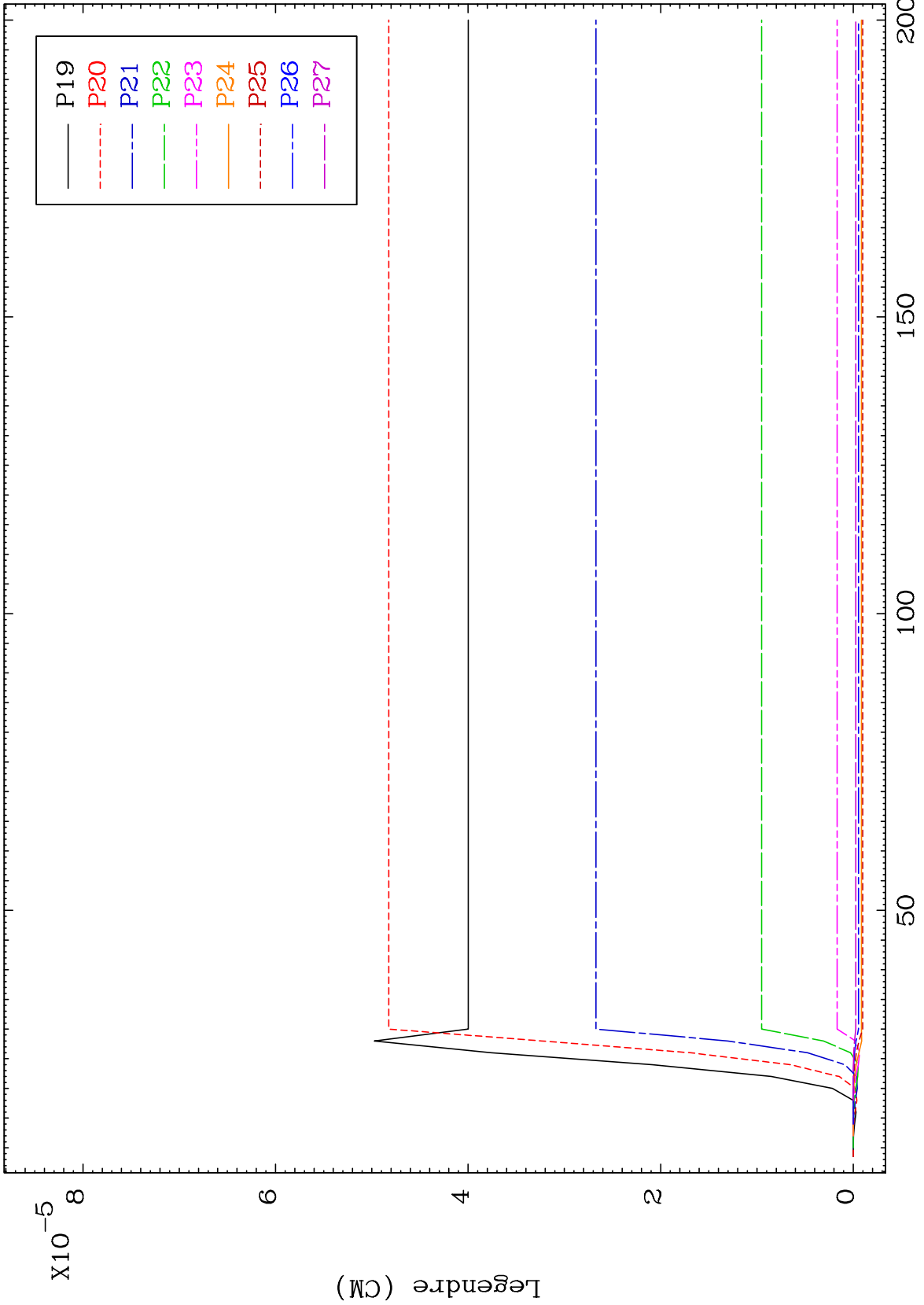
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



79

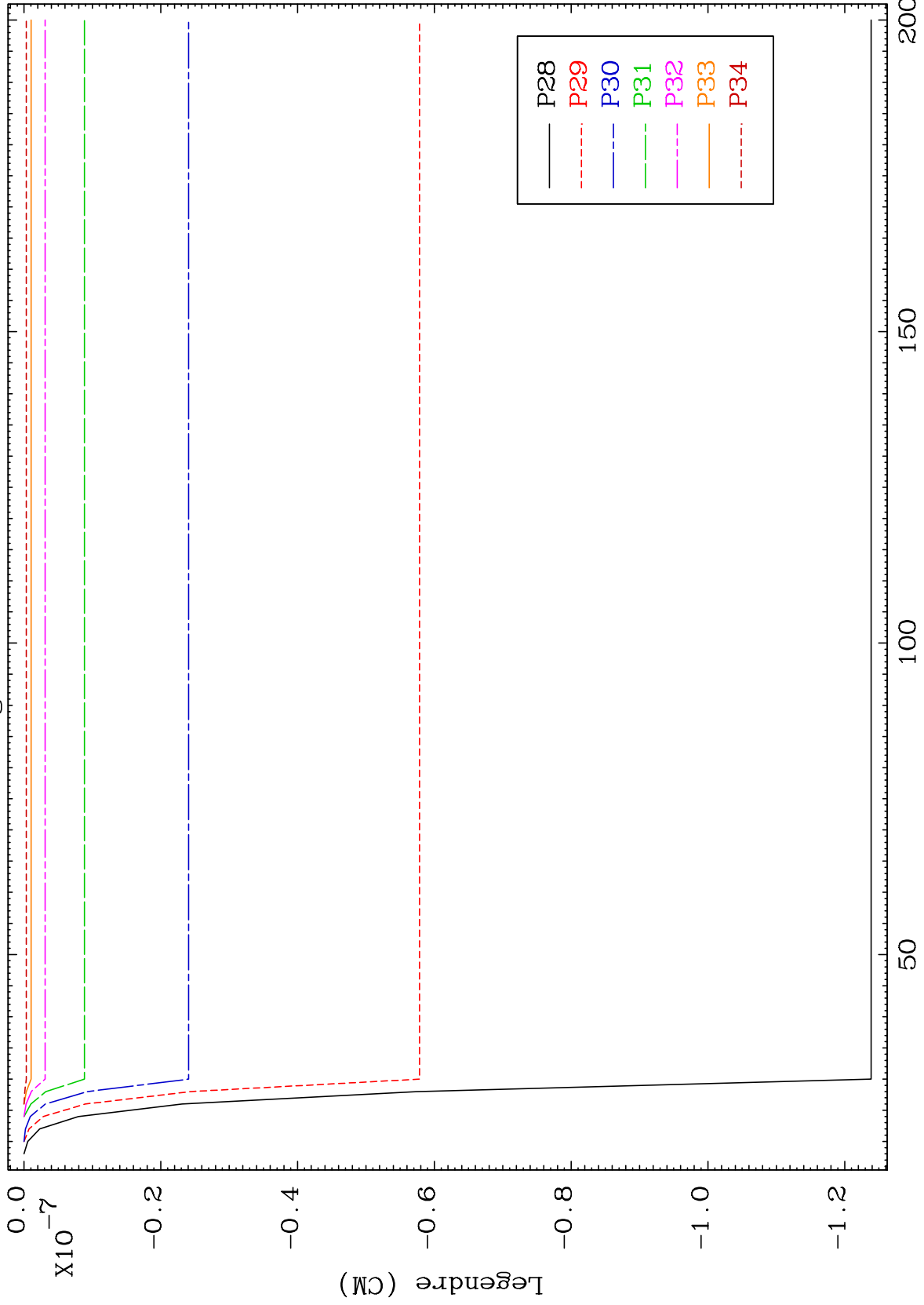
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



56-Ba-134

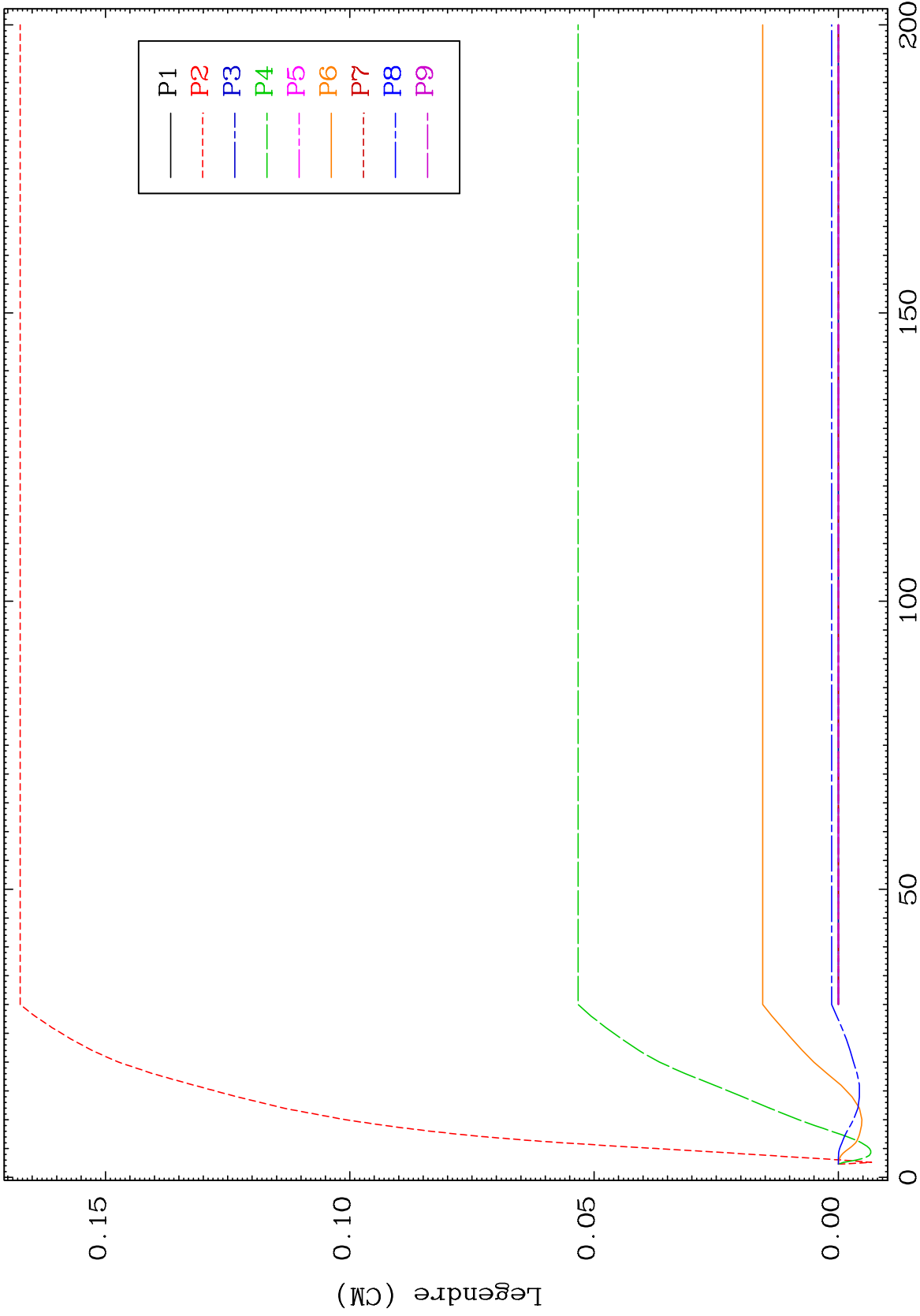
Incident Energy (MeV)

80

MAT 5637

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

56-Ba-134



81

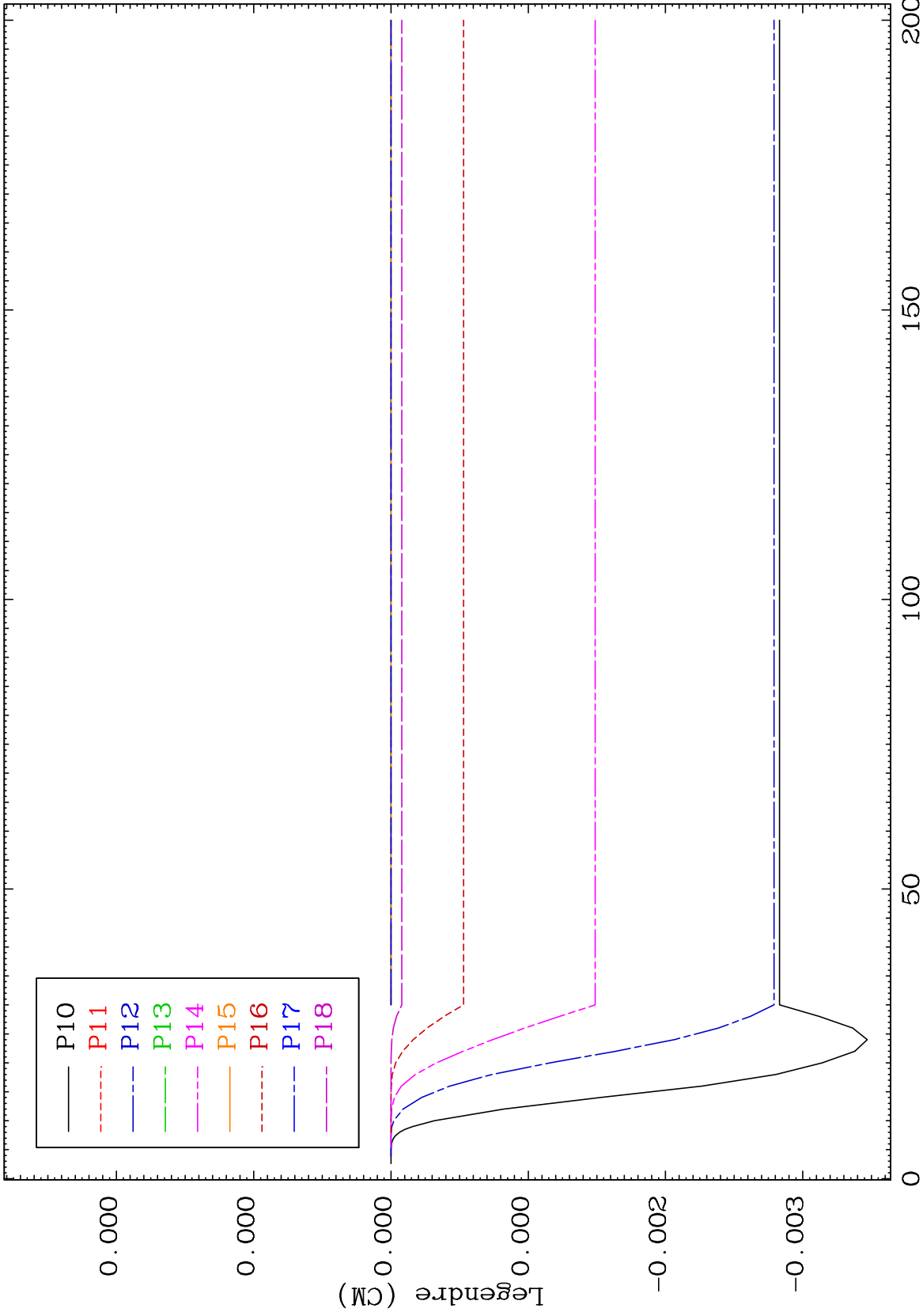
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

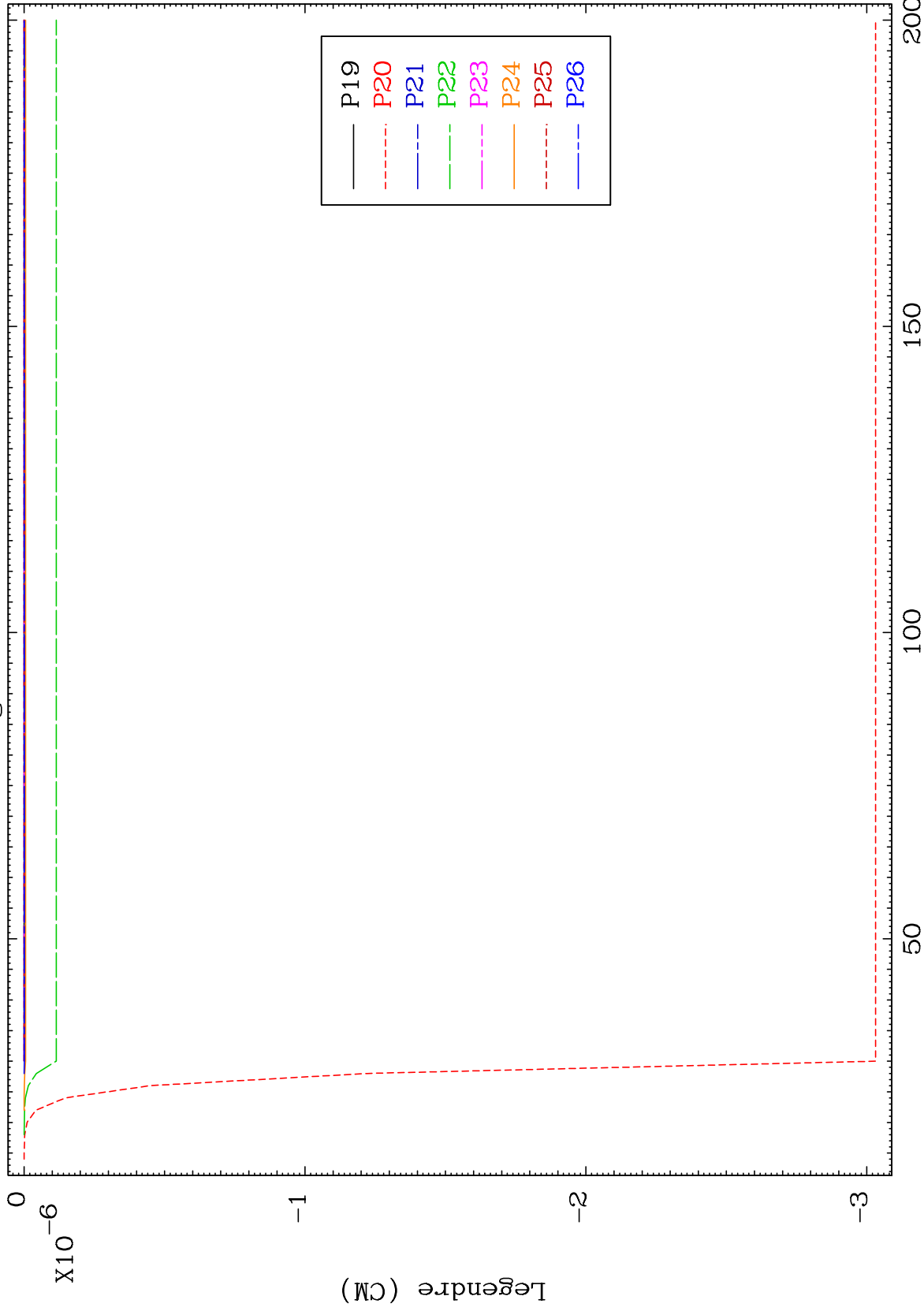
56-Ba-134



MAT 5637

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

56-Ba-134



83

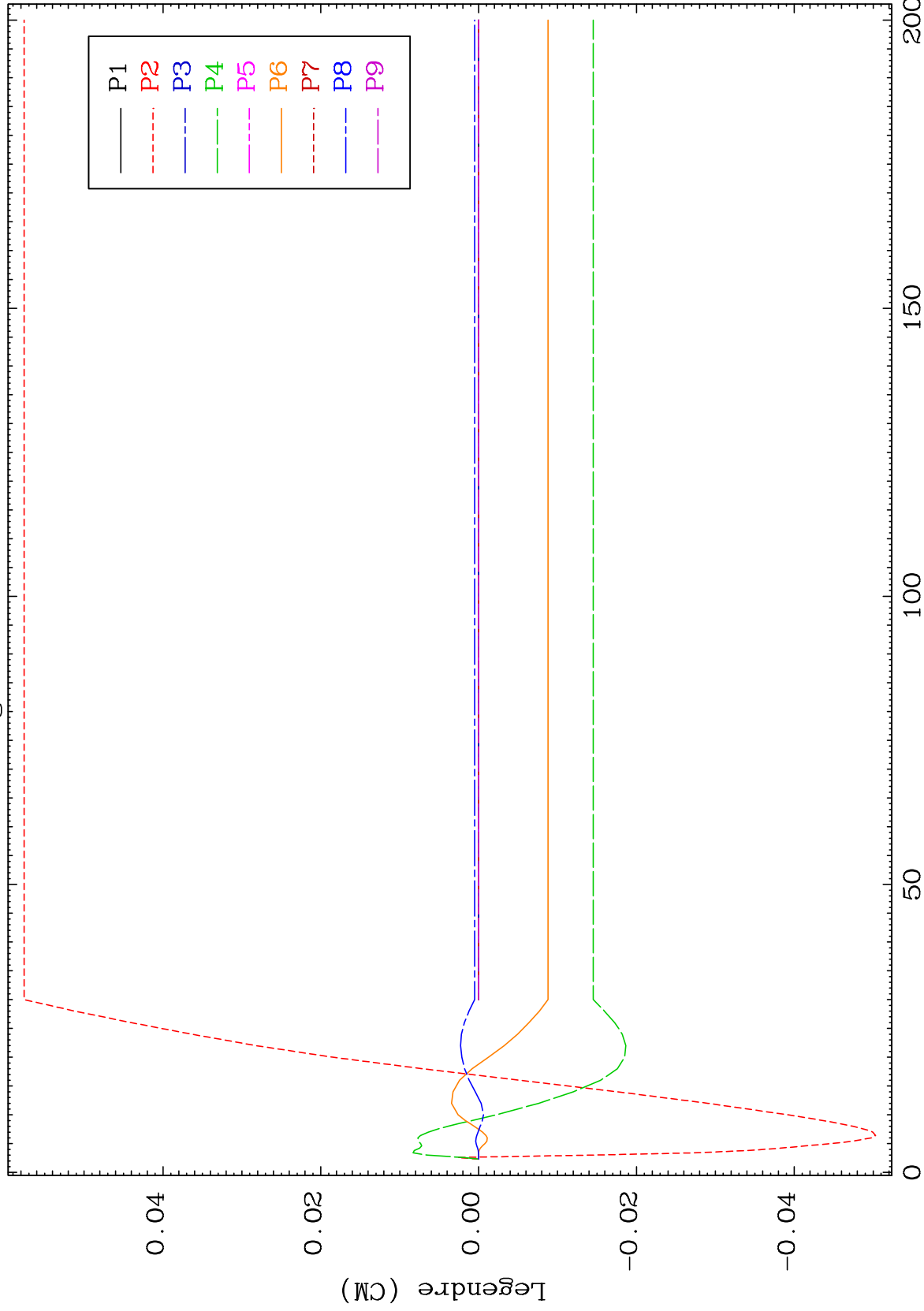
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



84

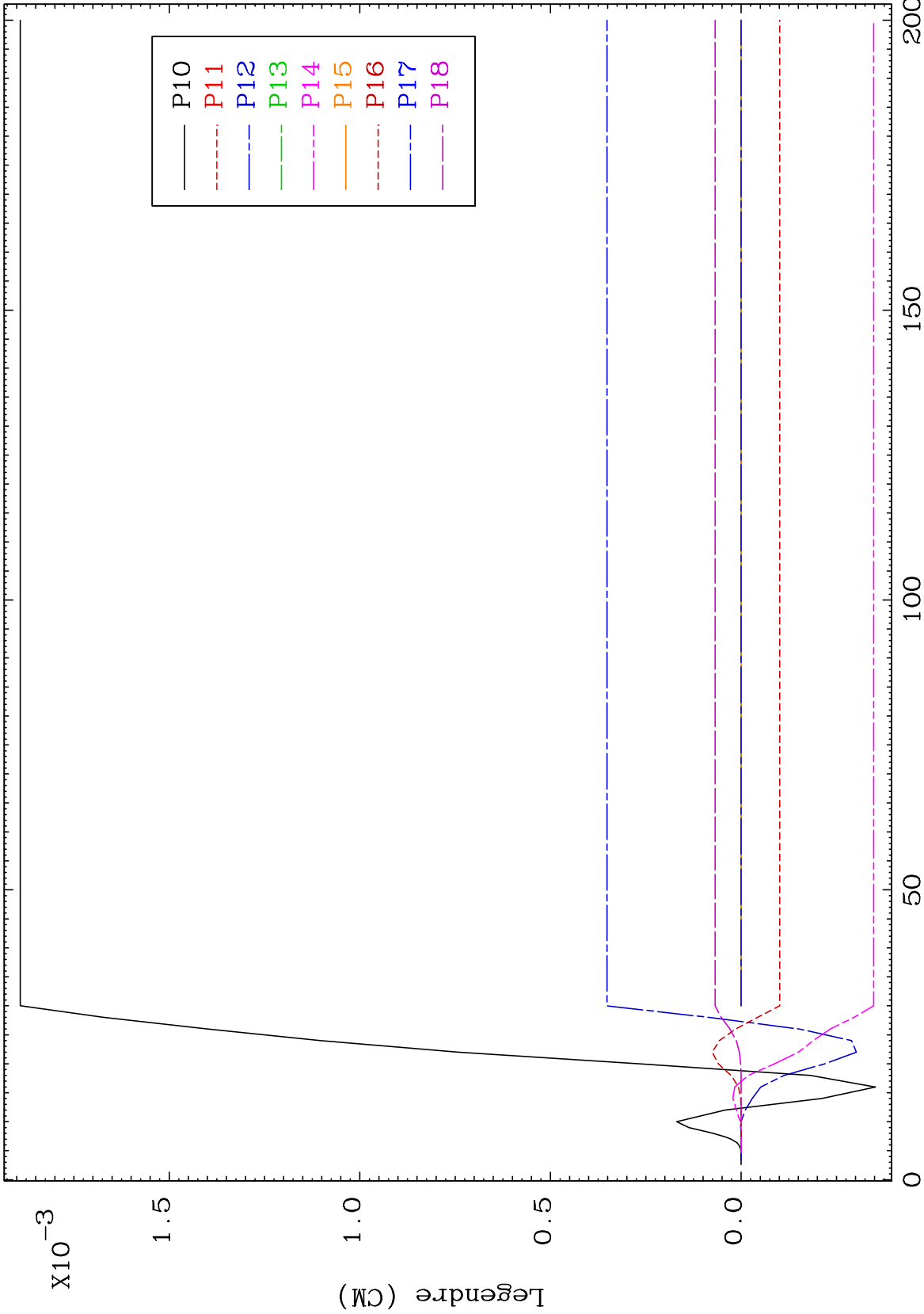
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134

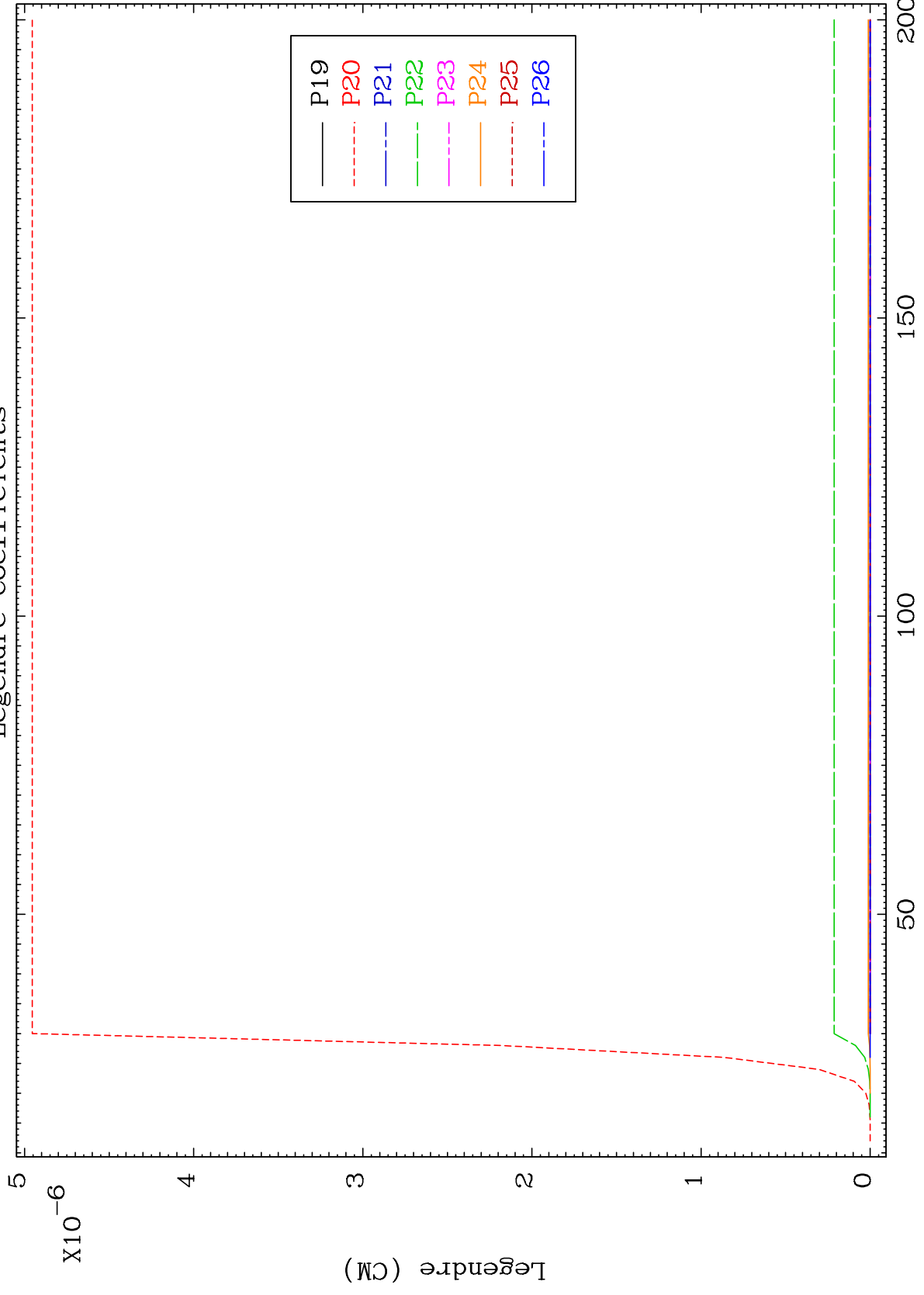


85

Incident Energy (MeV)

56-Ba-134

MAT 5637 MT= 68 (n,n') Level Legendre Coefficients 56-Ba-134

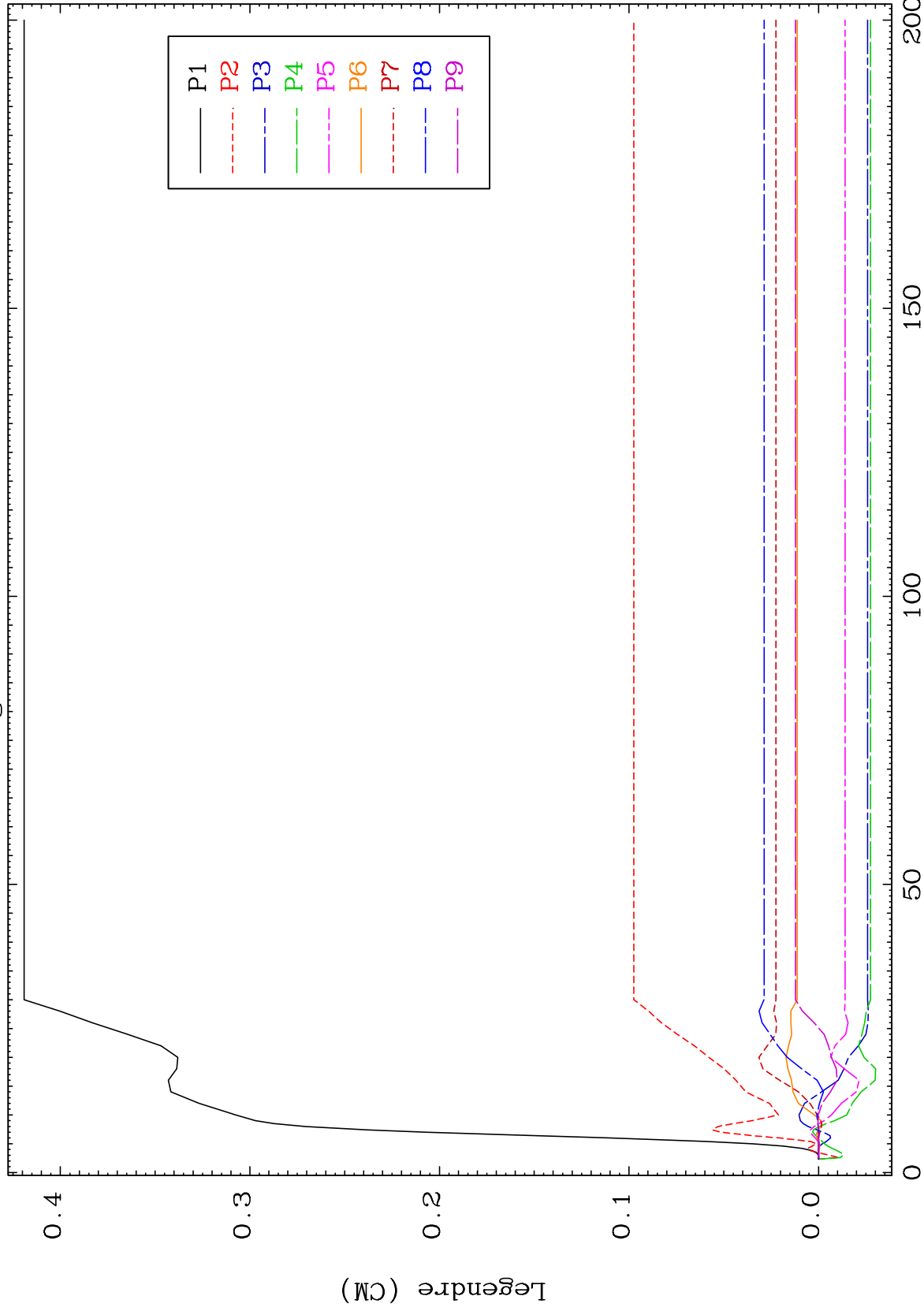


86 56-Ba-134

MAT 5637

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

56-Ba-134



87

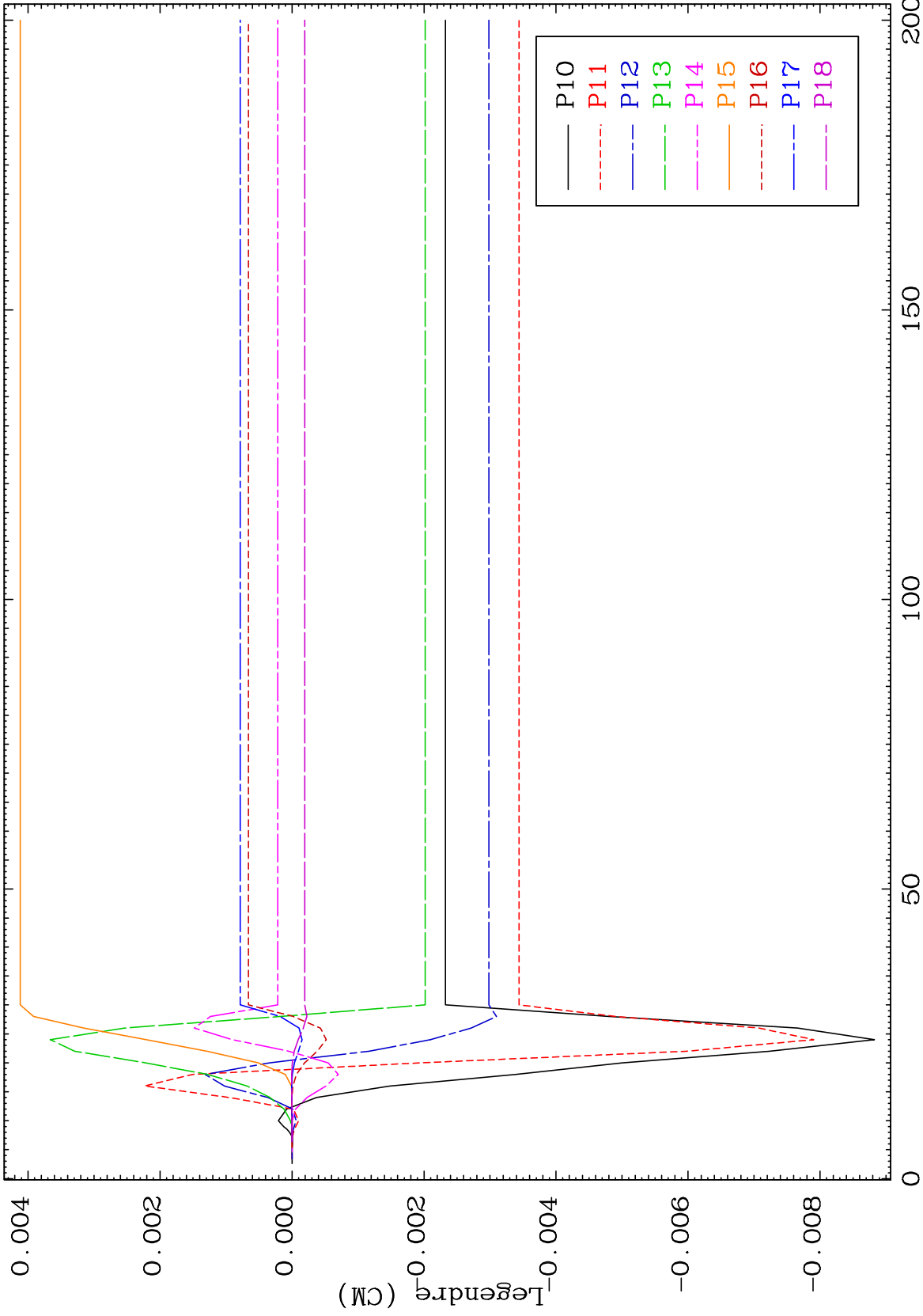
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



88

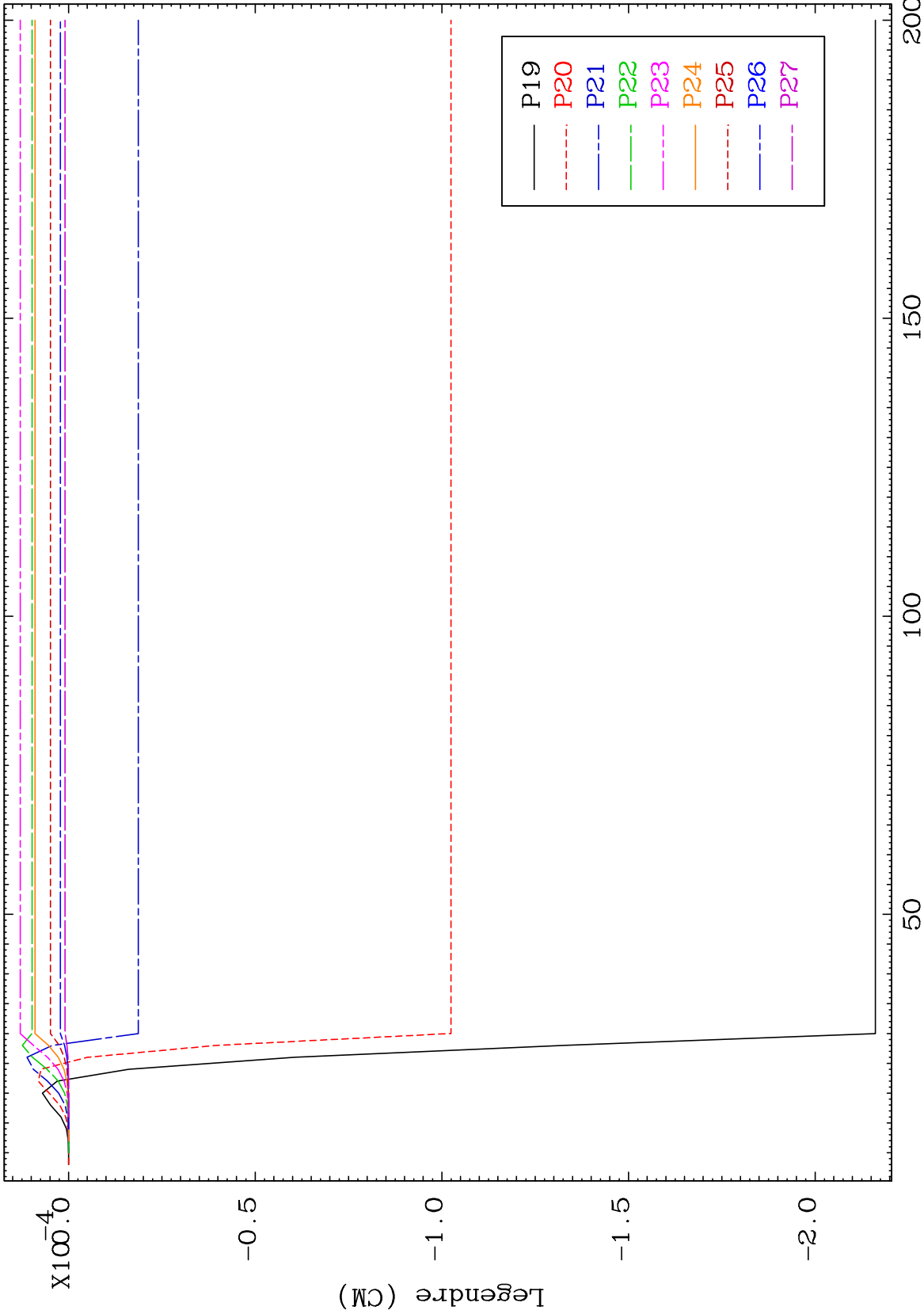
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



89

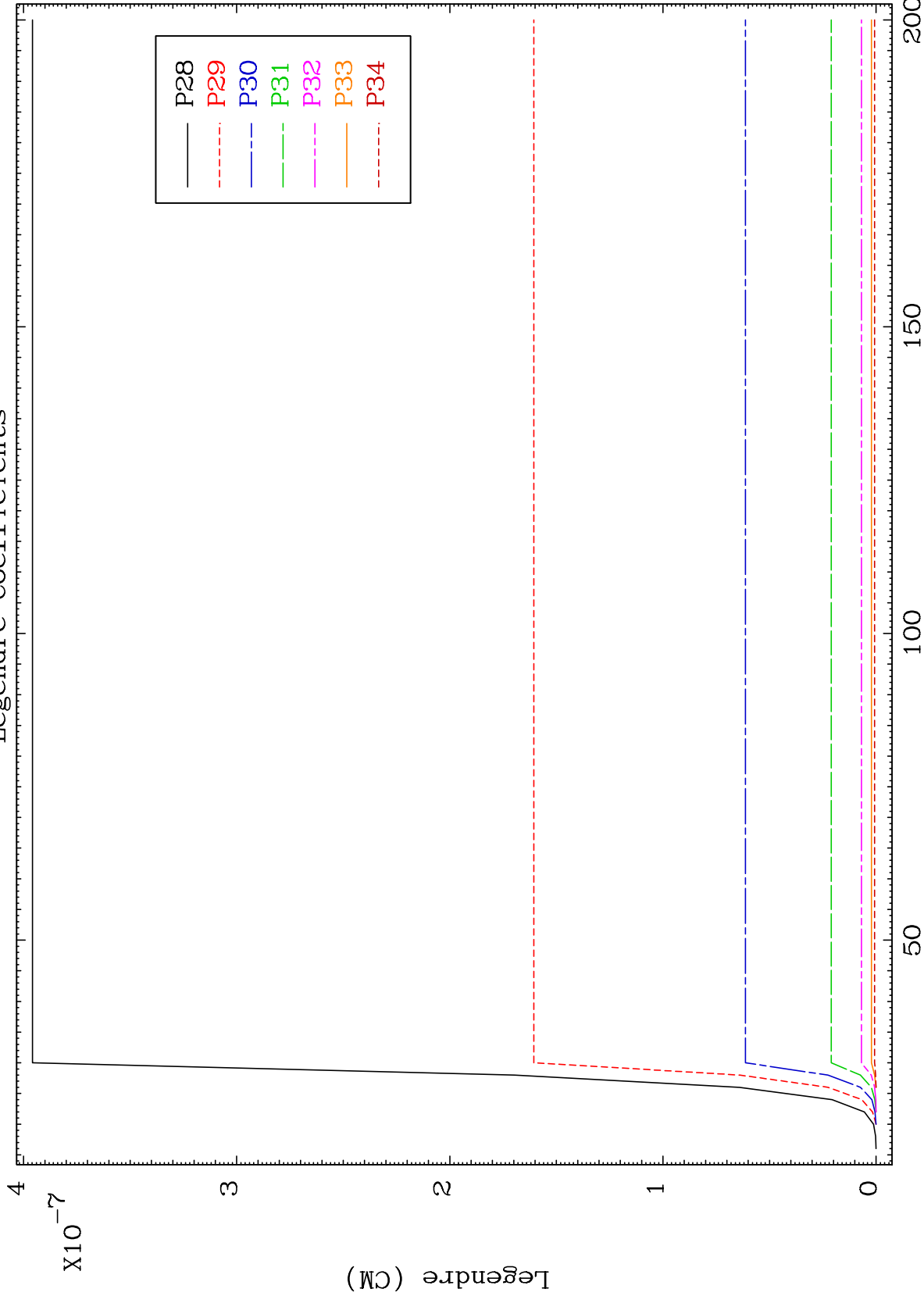
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

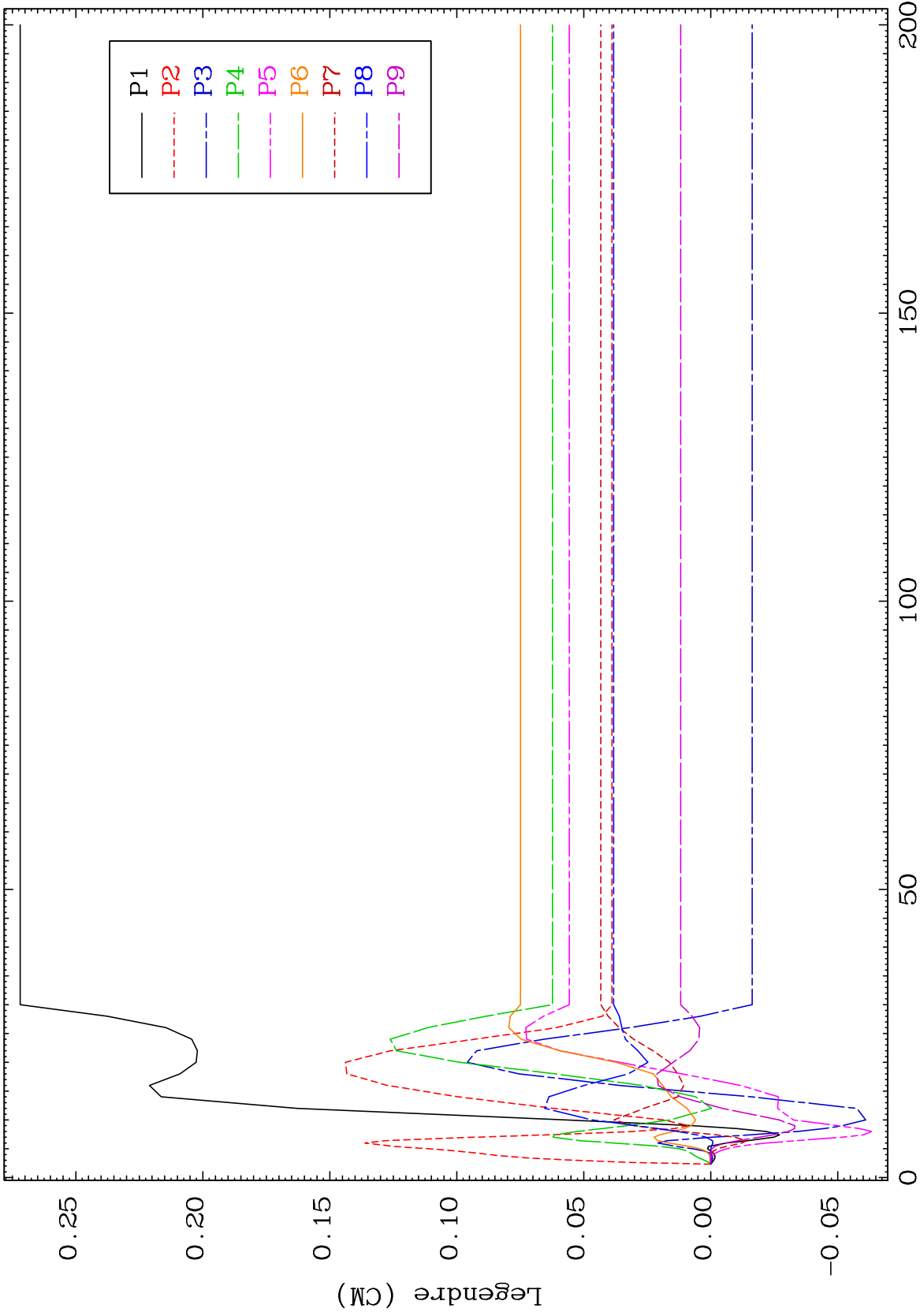
56-Ba-134



MAT 5637

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

56-Ba-134



91

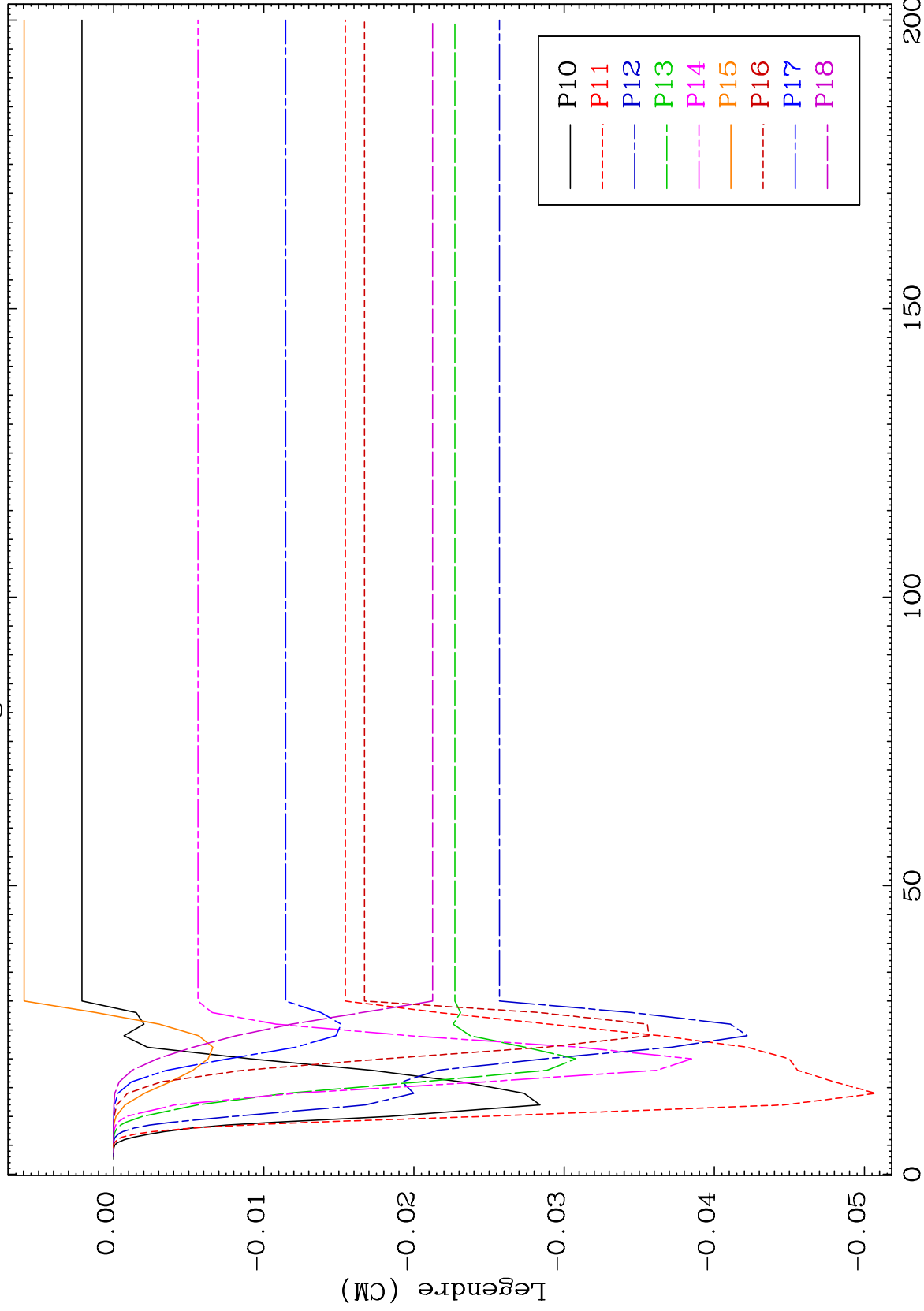
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

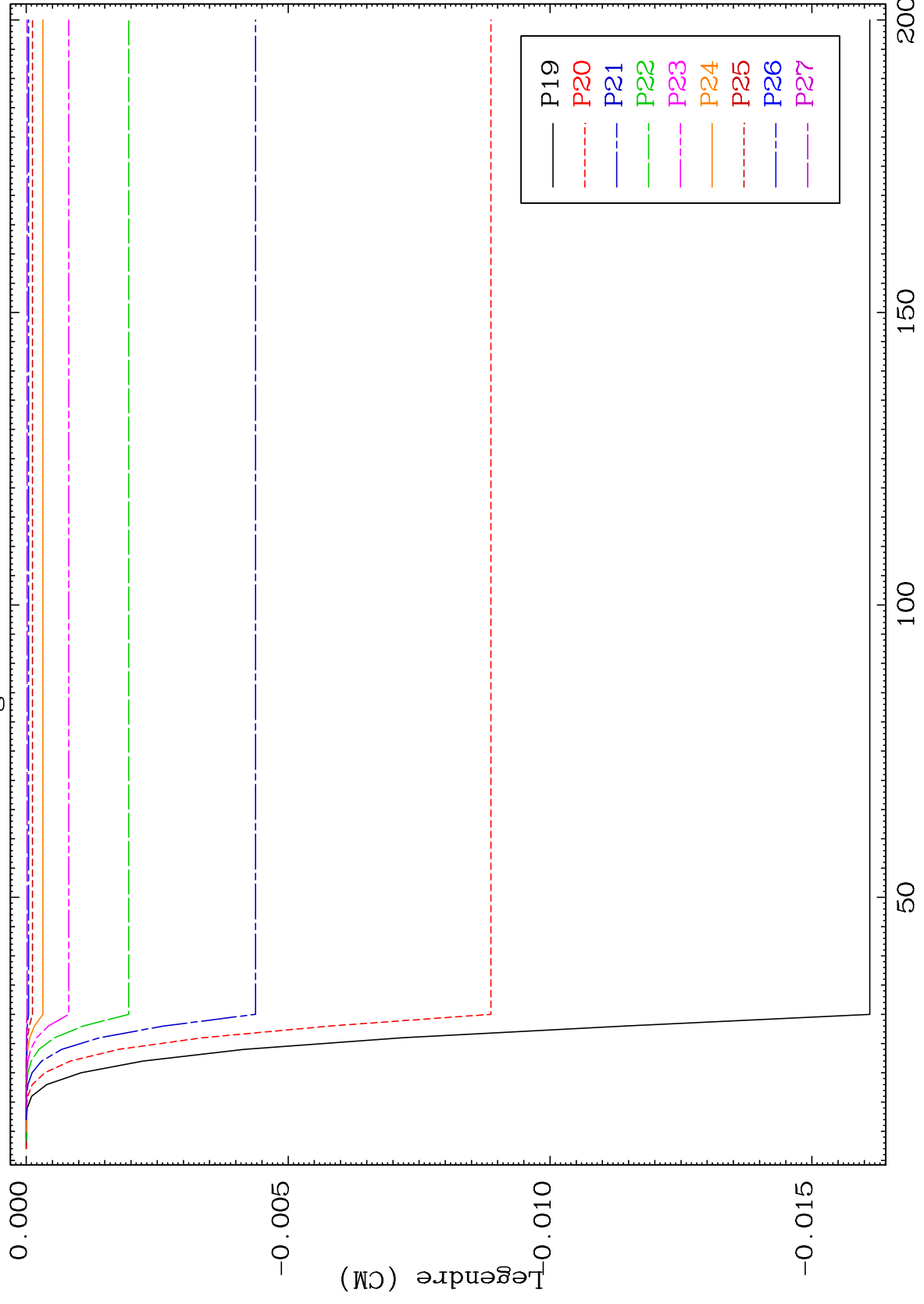
56-Ba-134



92

56-Ba-134

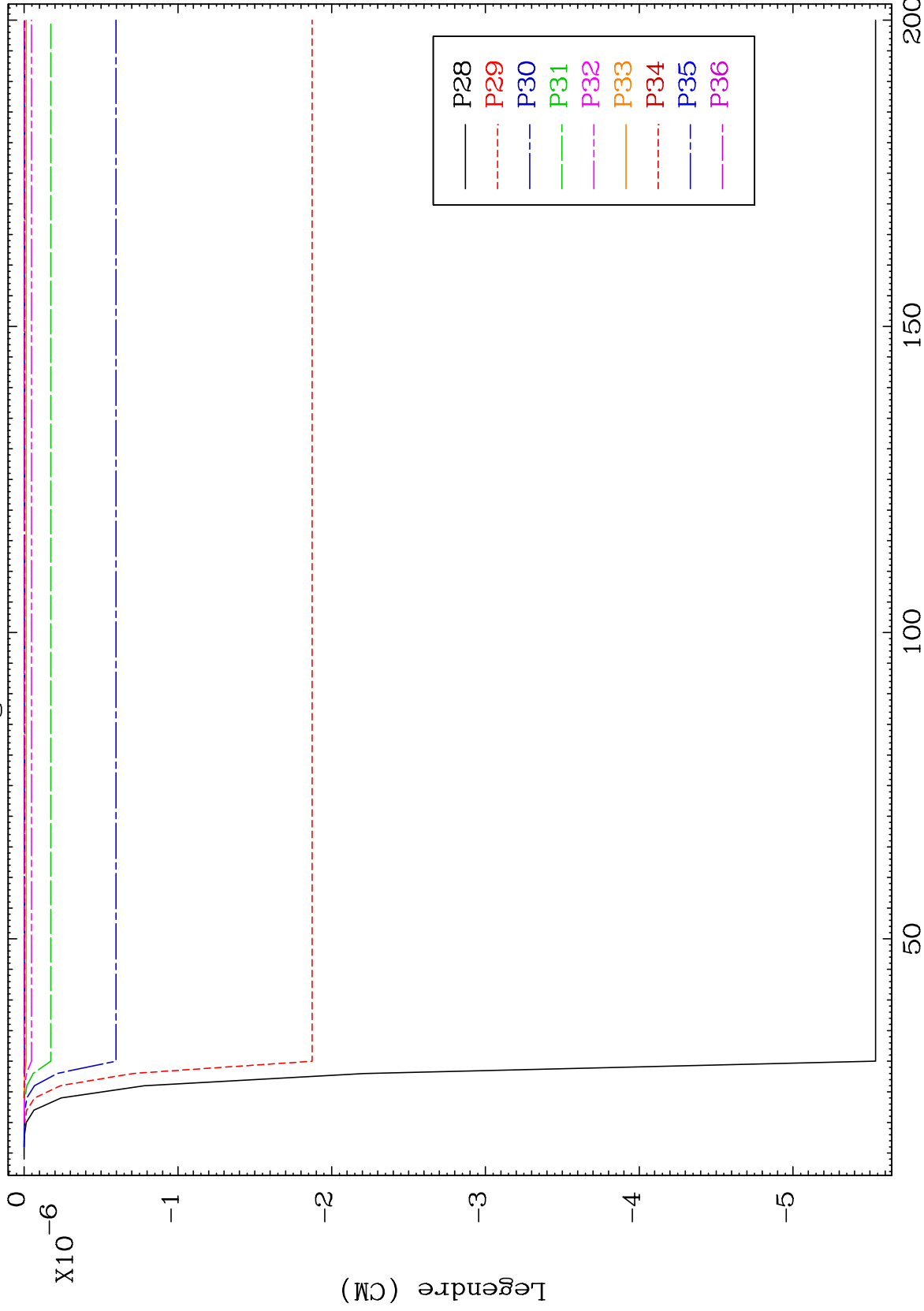
MAT 5637 MT= 70 (n,n') Level Legendre Coefficients 56-Ba-134



MAT 5637

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

56-Ba-134



56-Ba-134

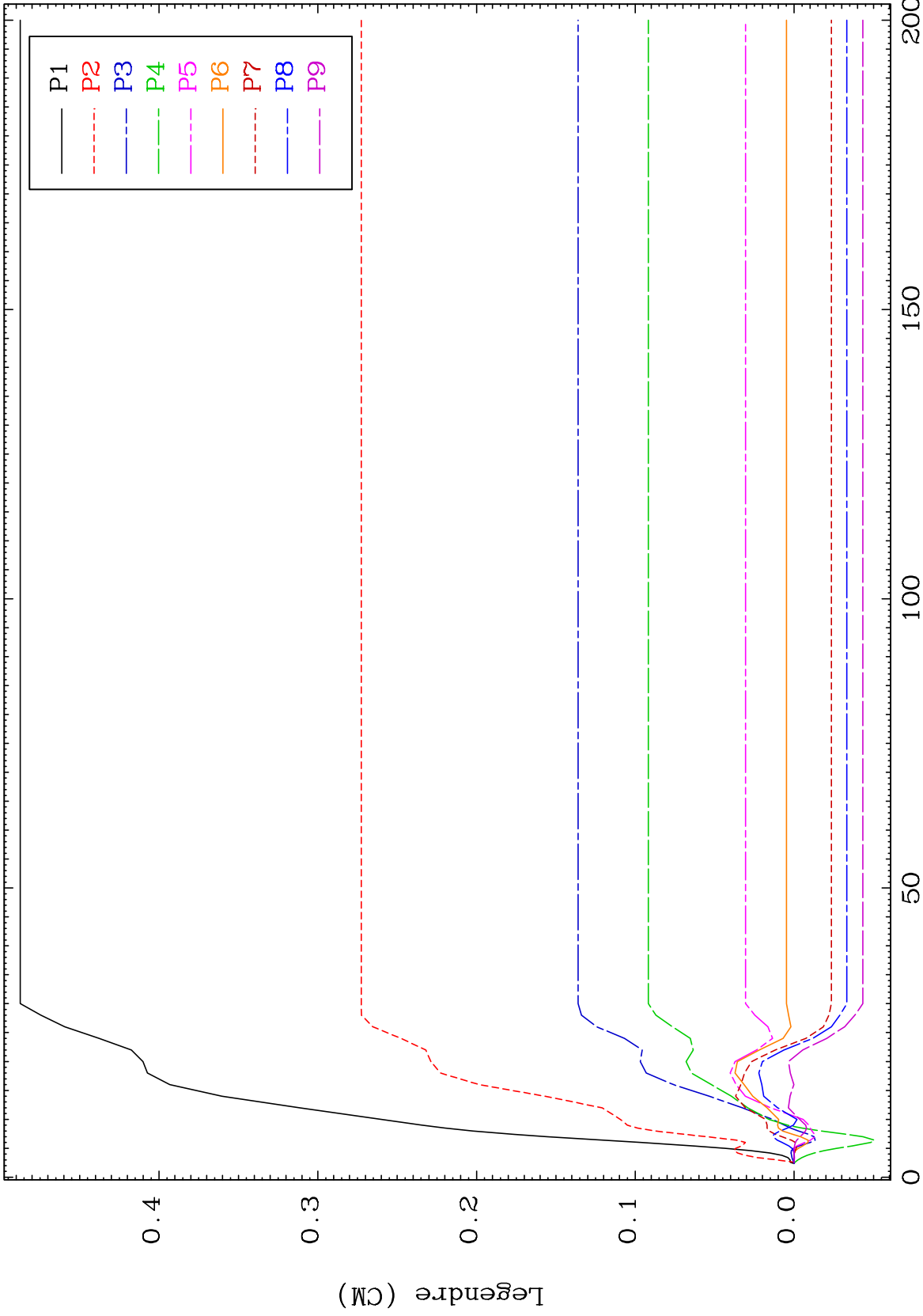
Incident Energy (MeV)

94

MAT 5637

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

56-Ba-134



95

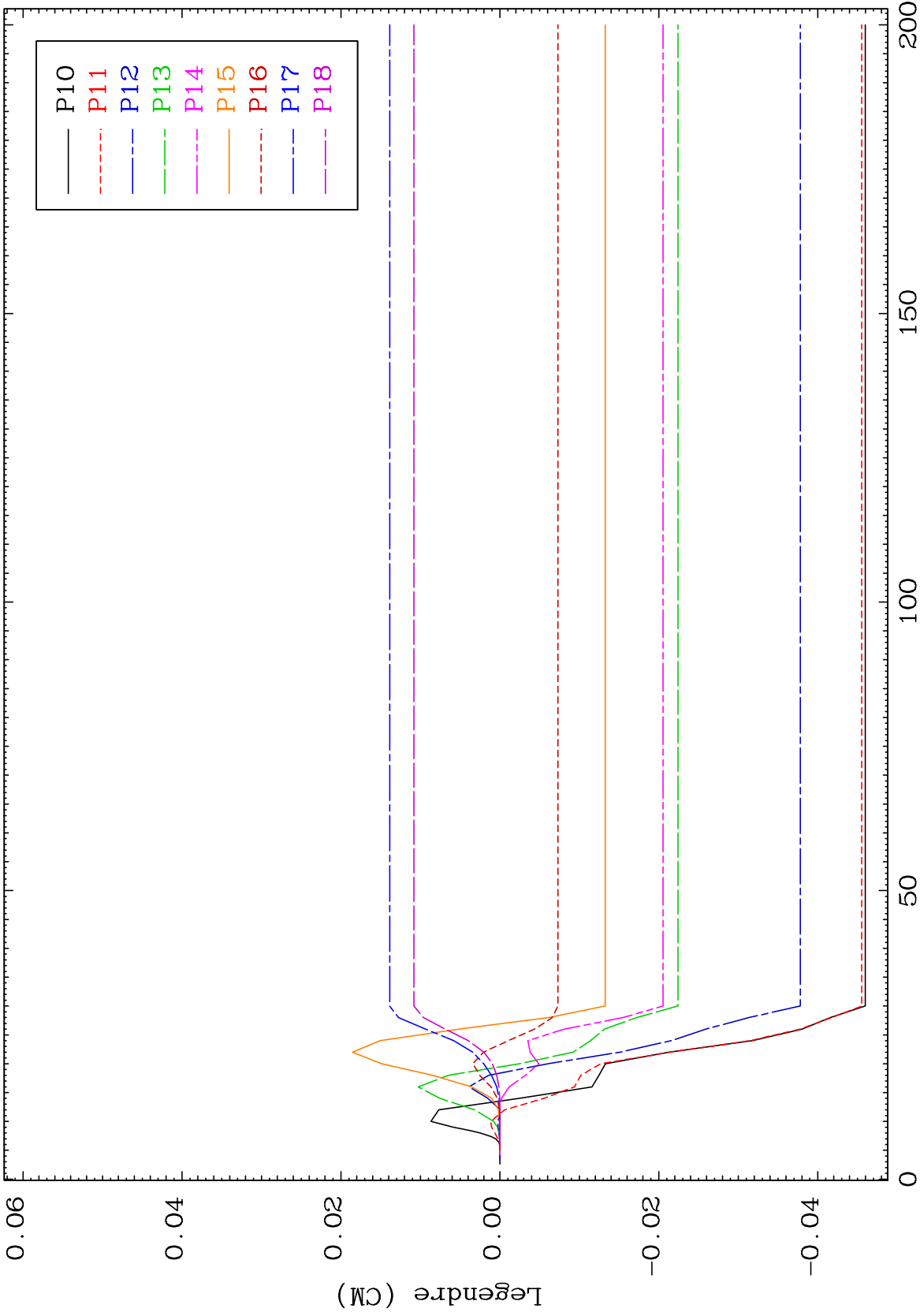
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



96

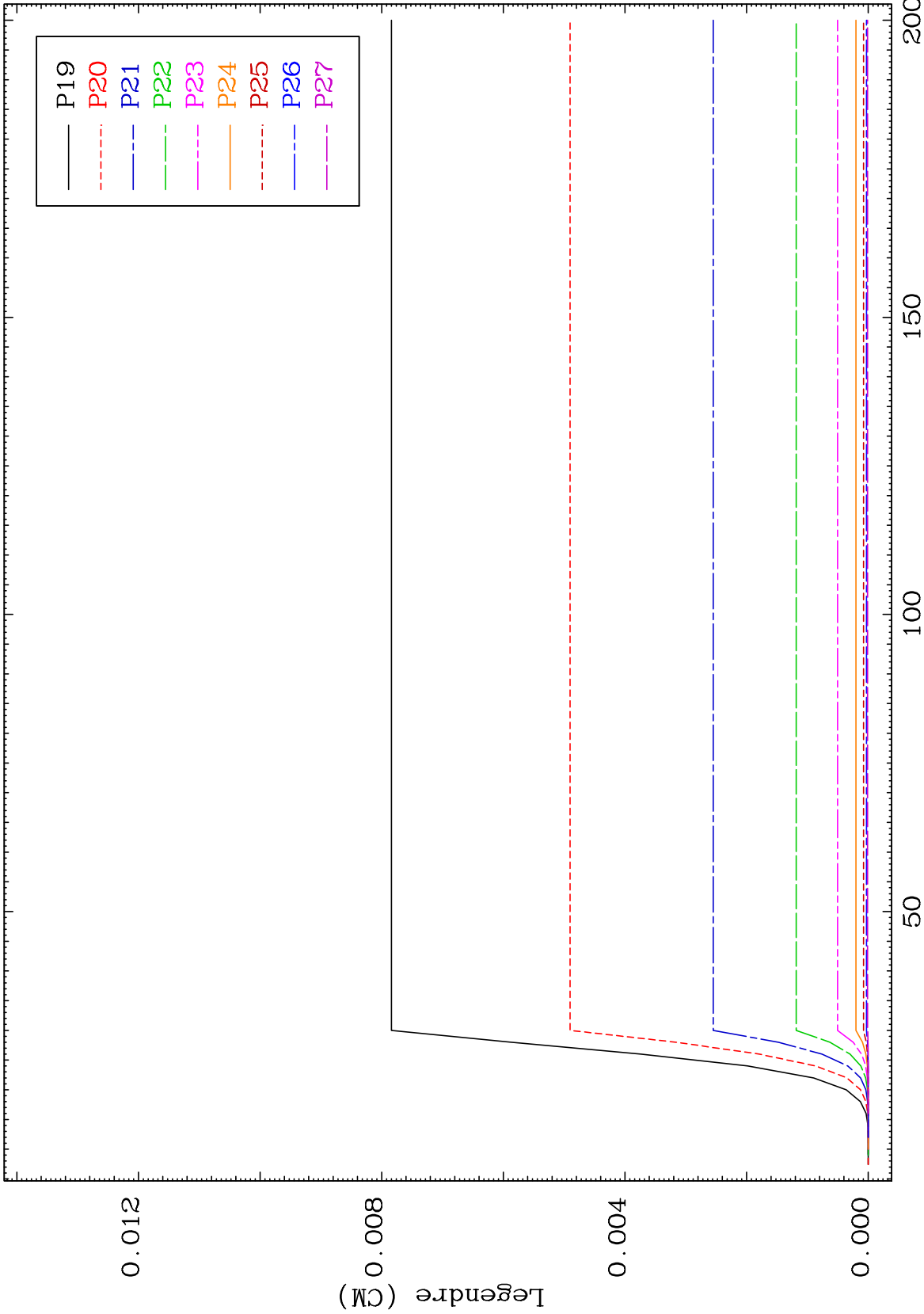
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



97

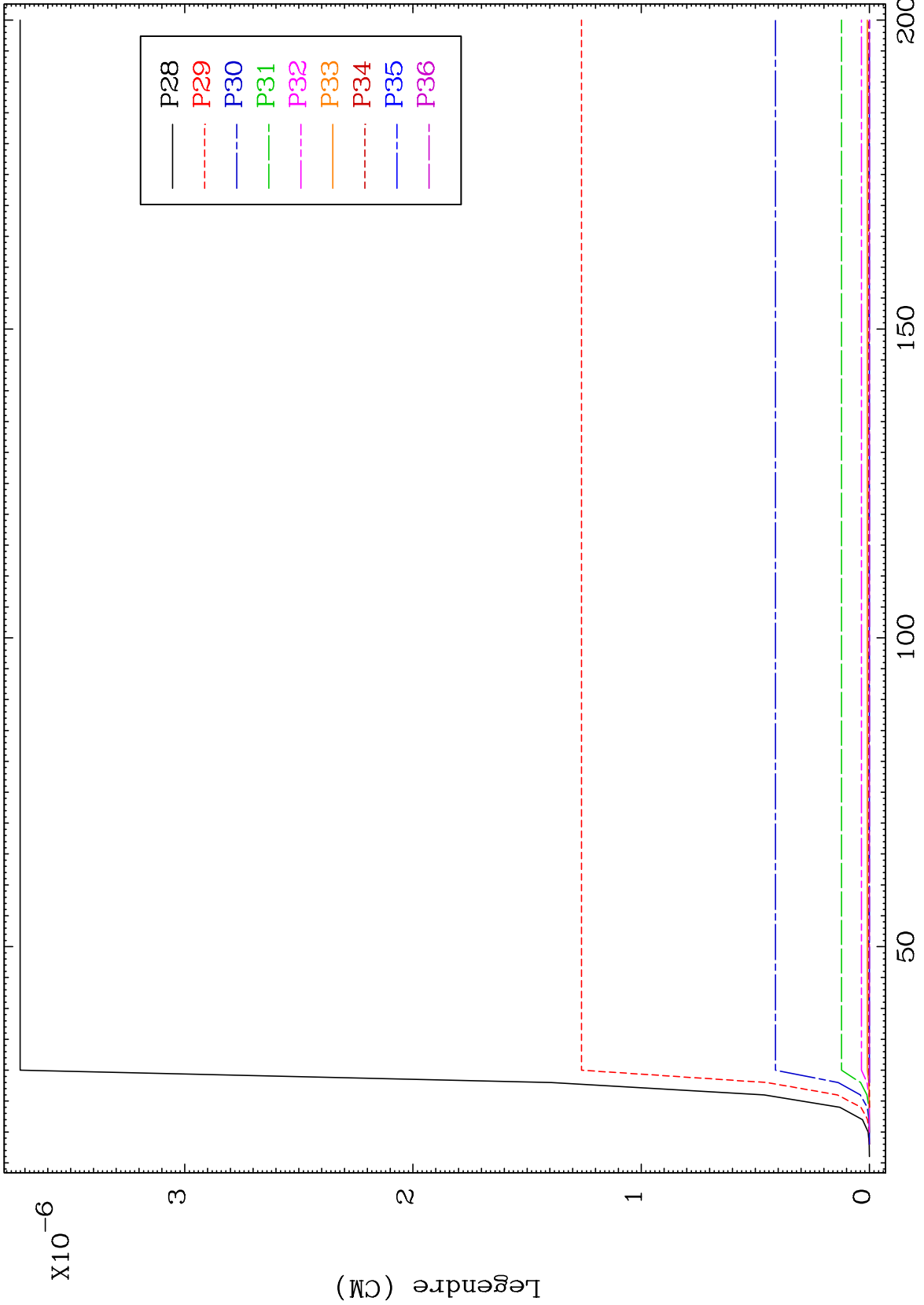
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



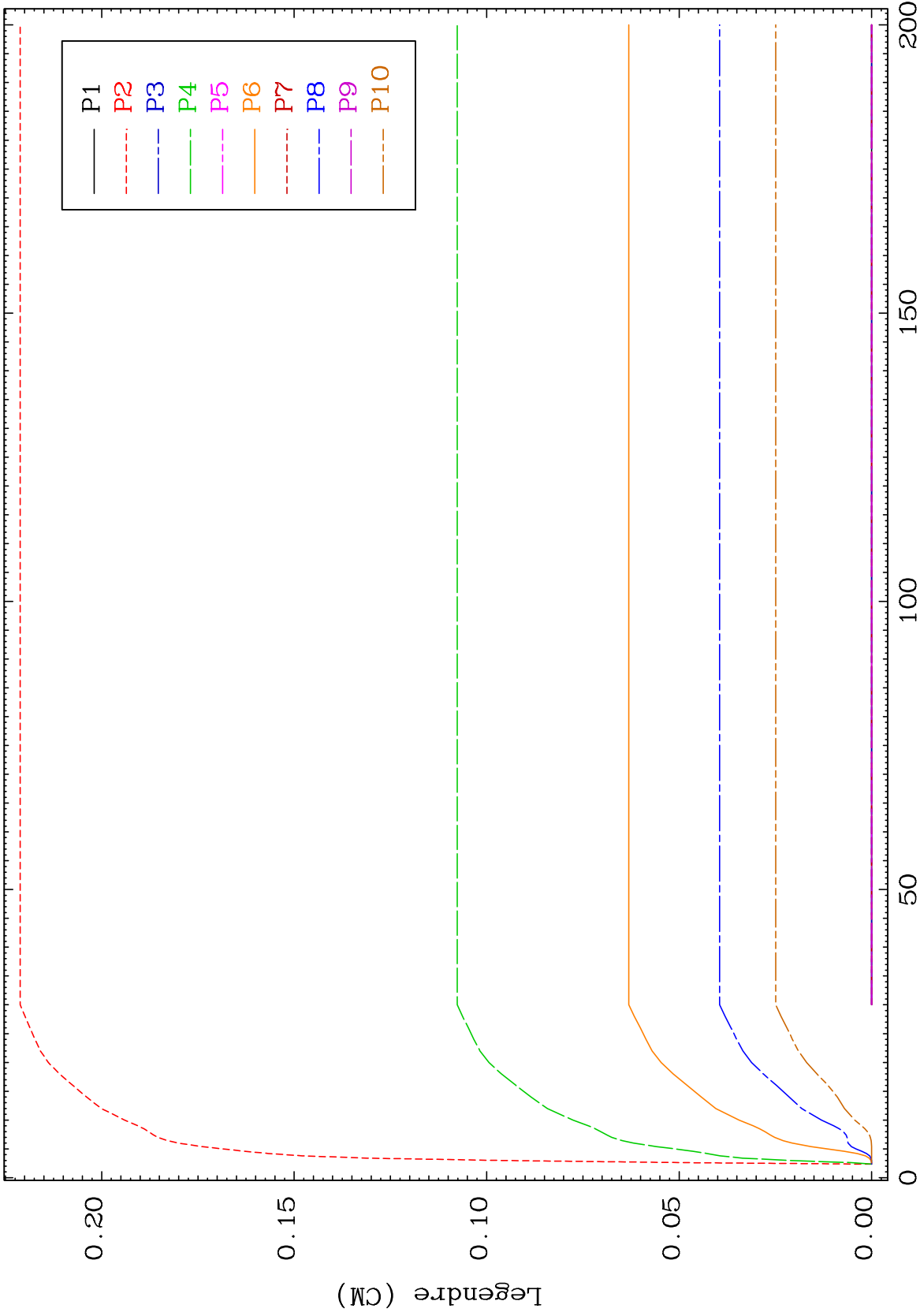
98

56-Ba-134

MAT 5637

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

56-Ba-134



99

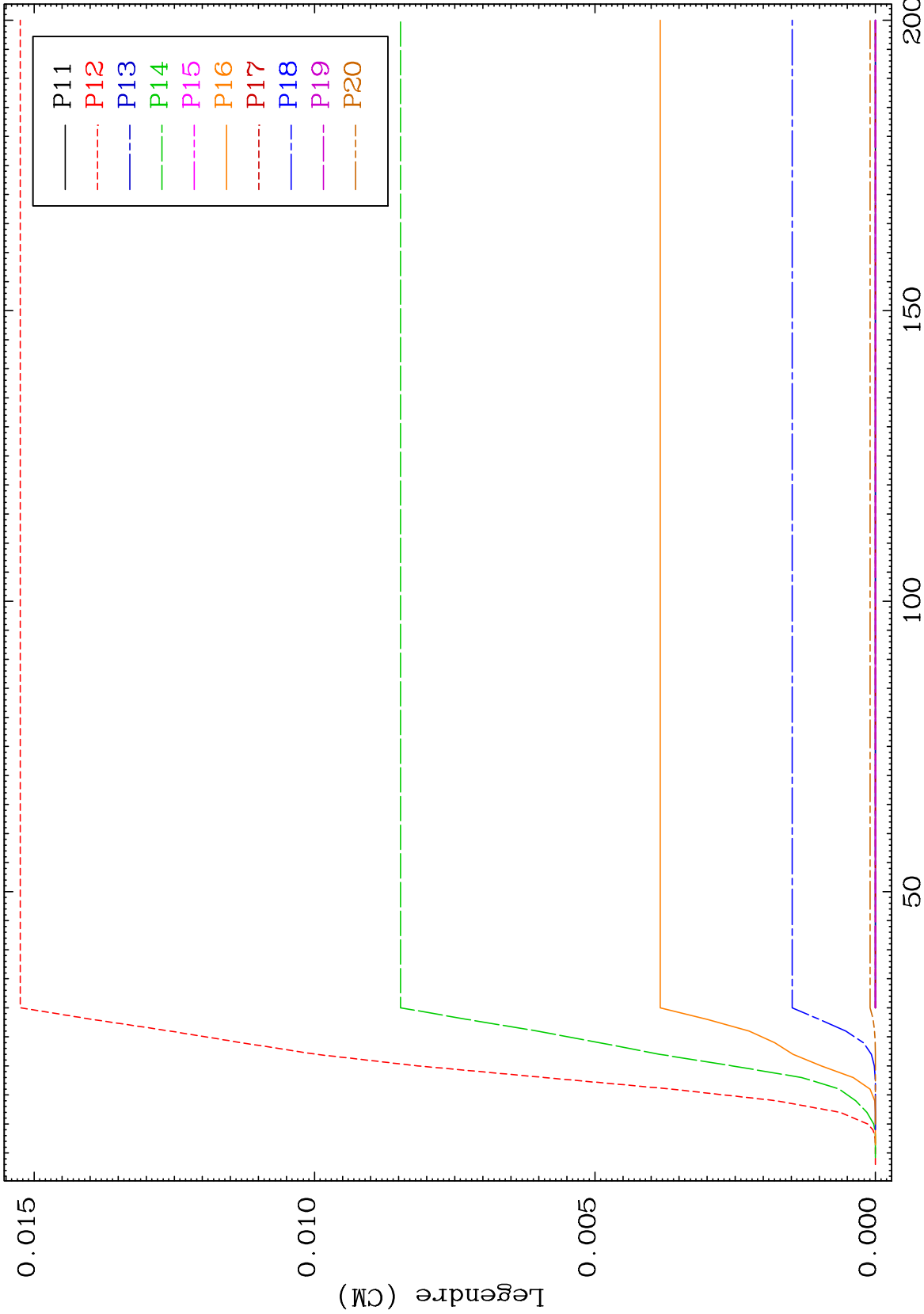
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134

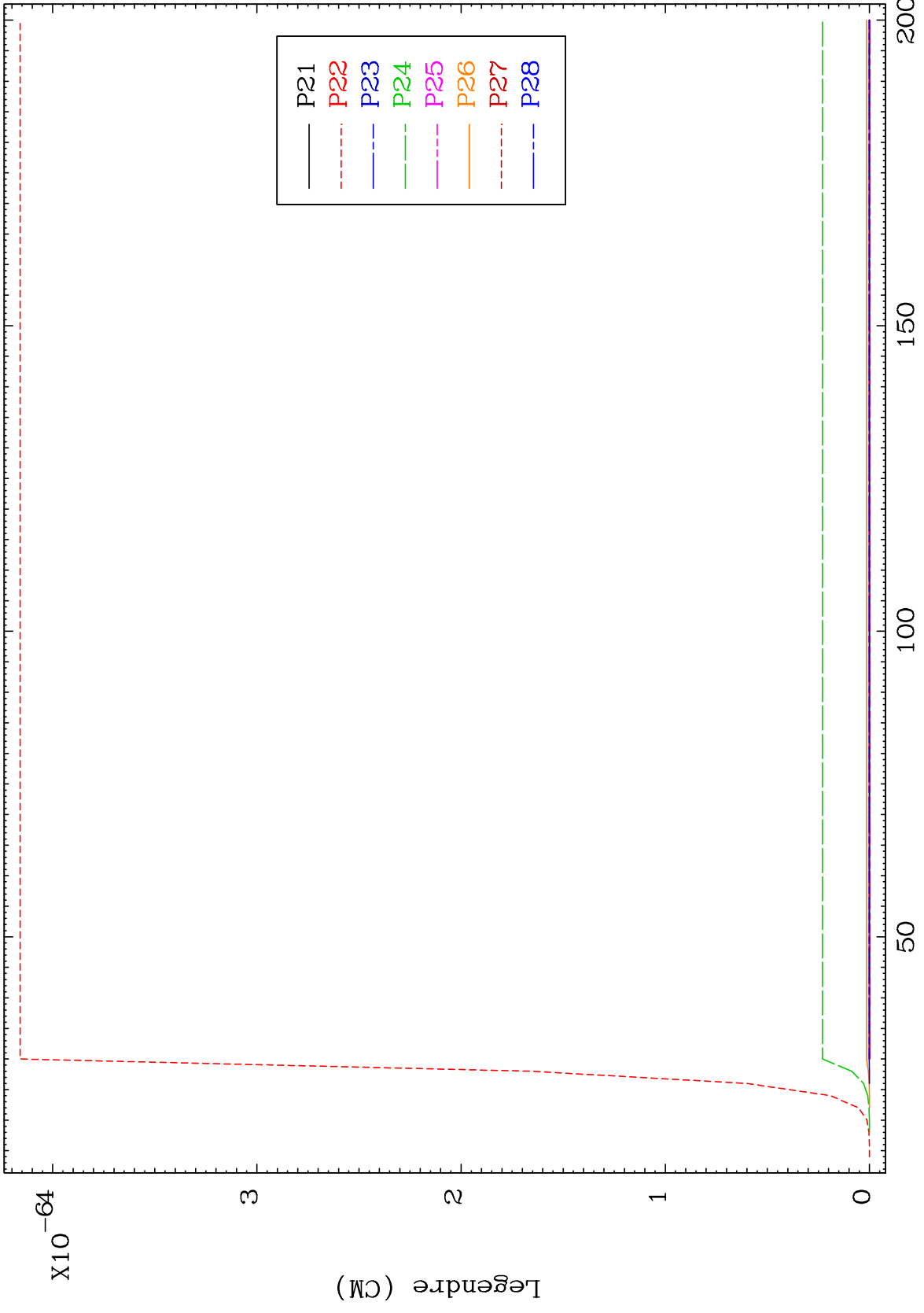


56-Ba-134

Incident Energy (MeV)

100

MAT 5637 MT= 72 (n,n') Level Legendre Coefficients 56-Ba-134

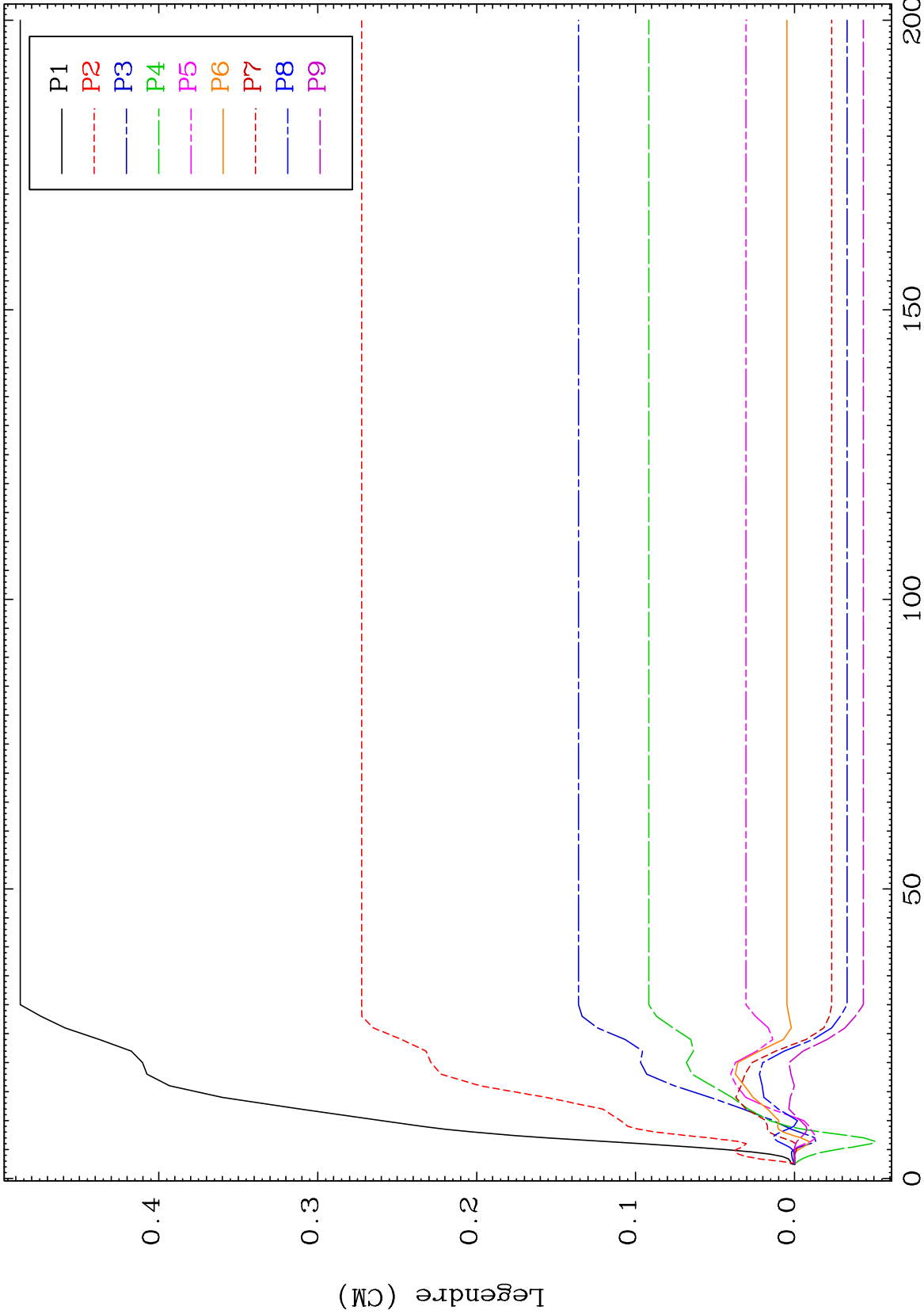


101 50 100 150 200 Incident Energy (MeV) 56-Ba-134

MAT 5637

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

56-Ba-134



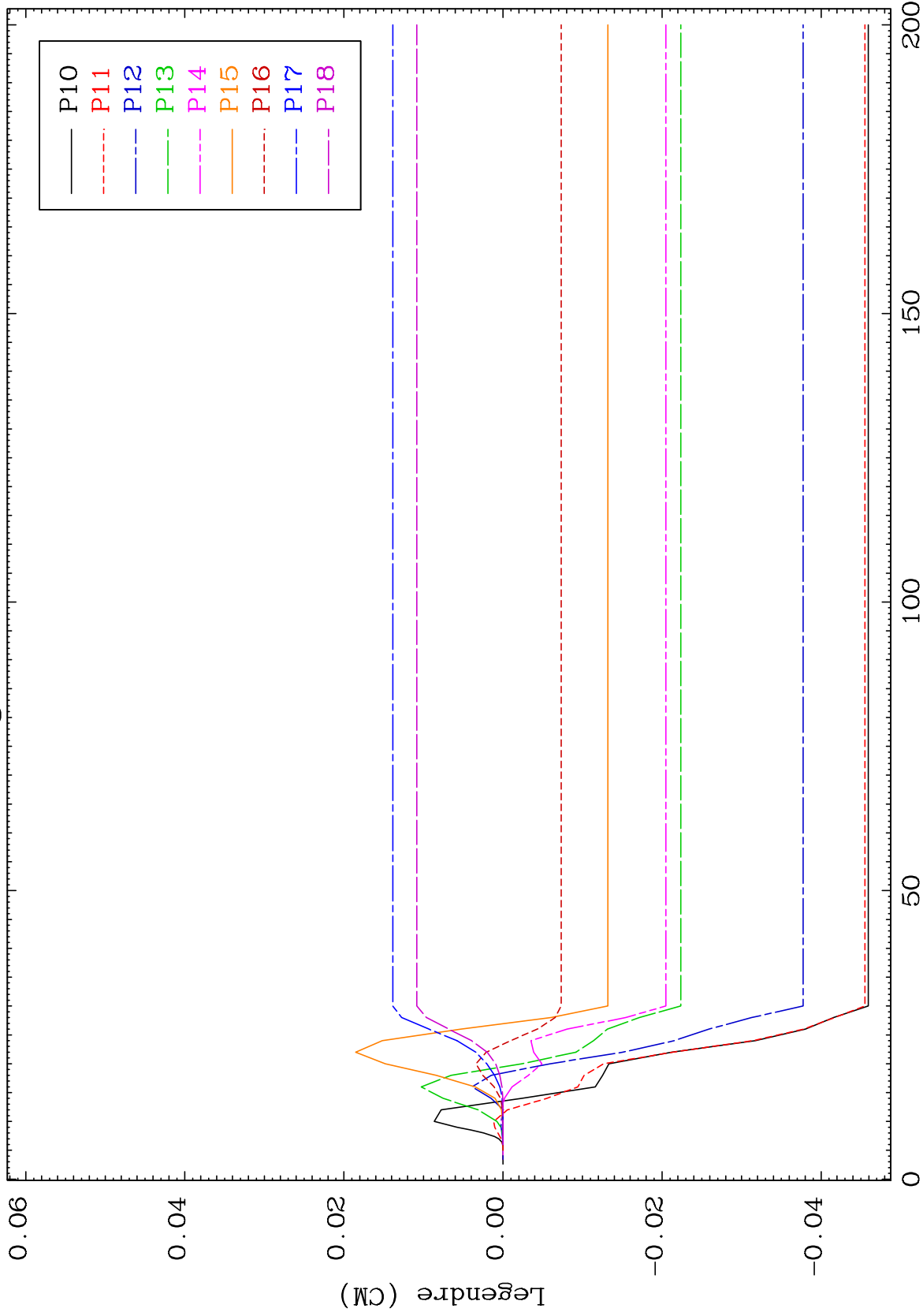
102

56-Ba-134

MAT 5637

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

56-Ba-134



103

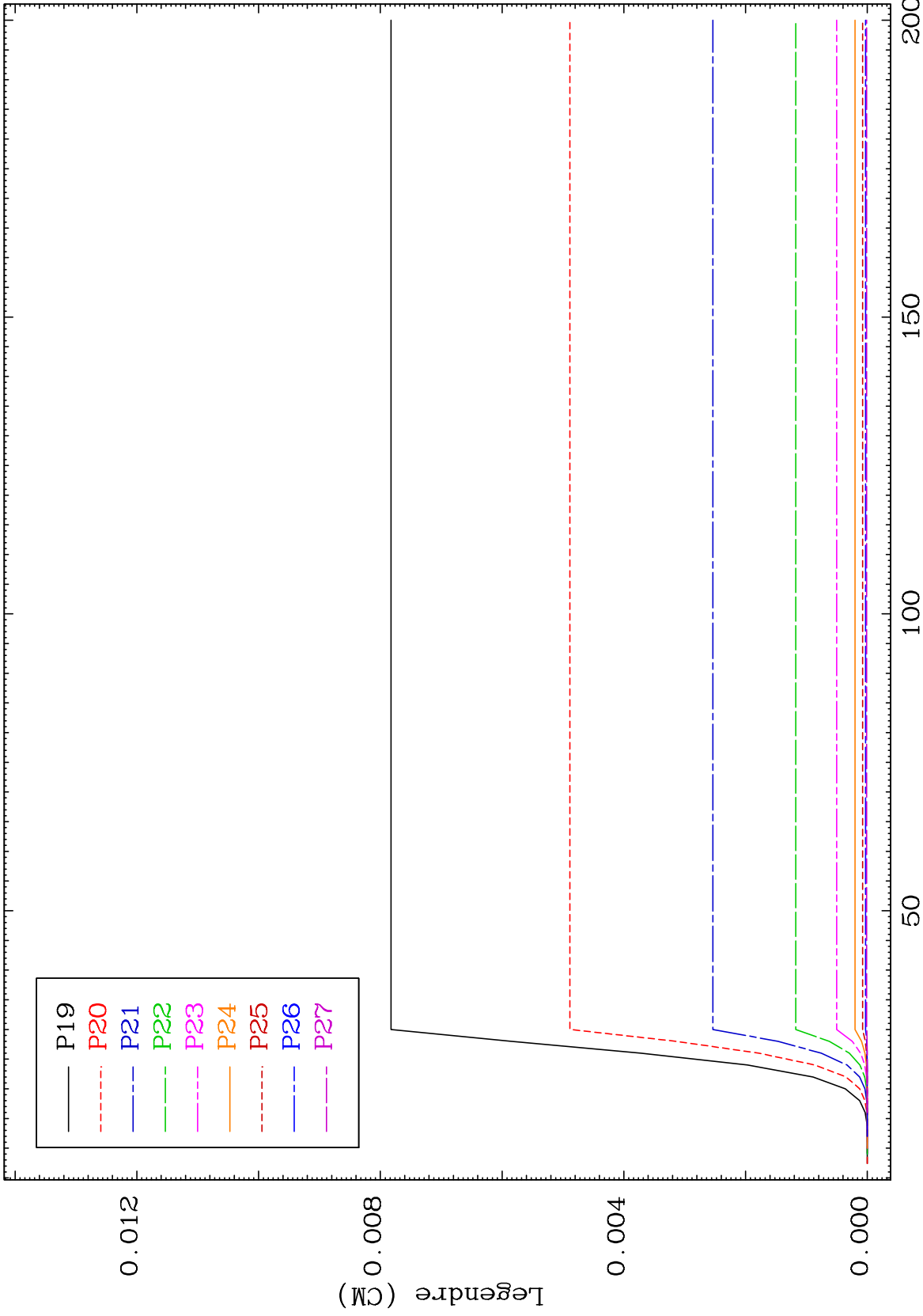
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



104

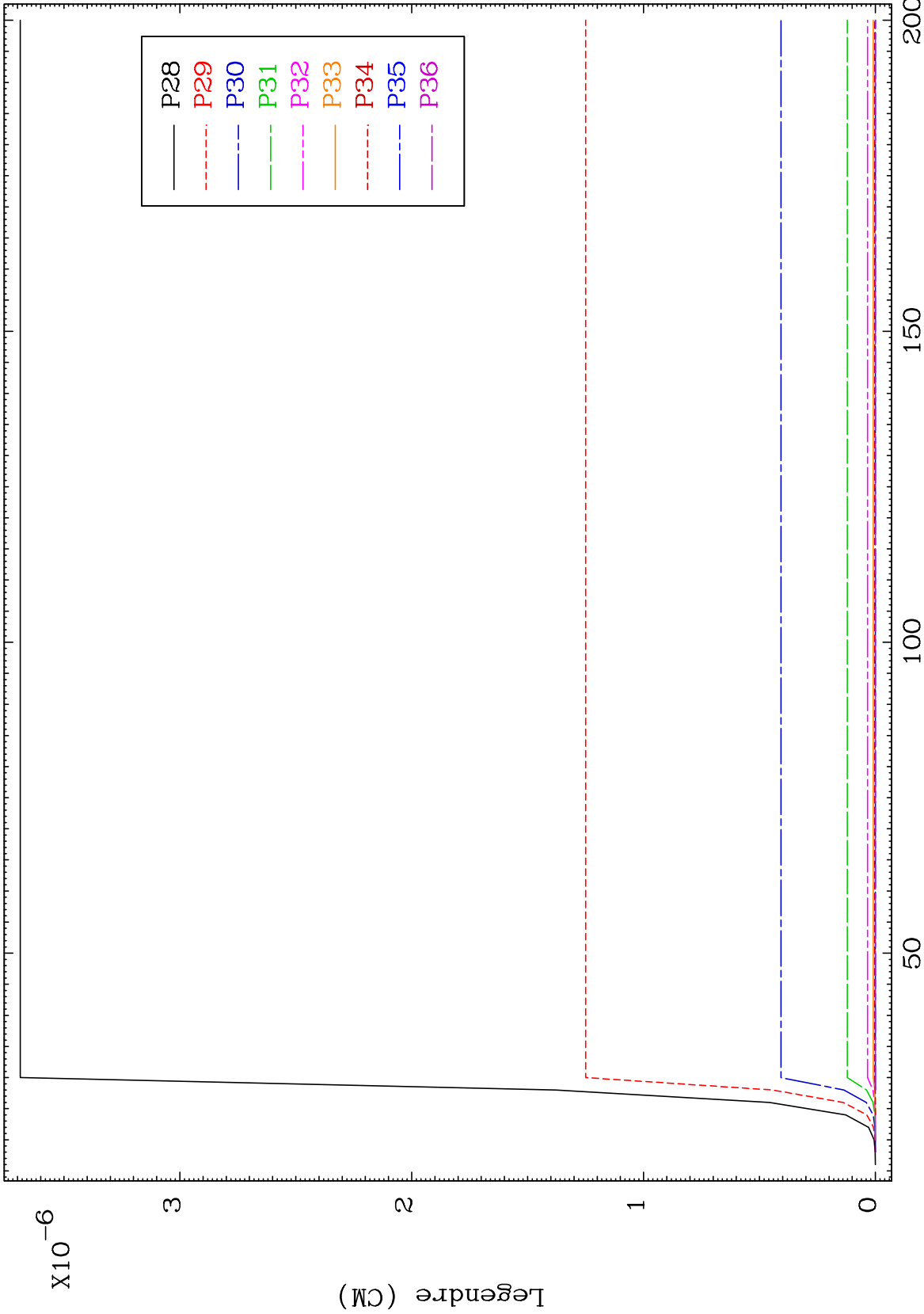
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



105

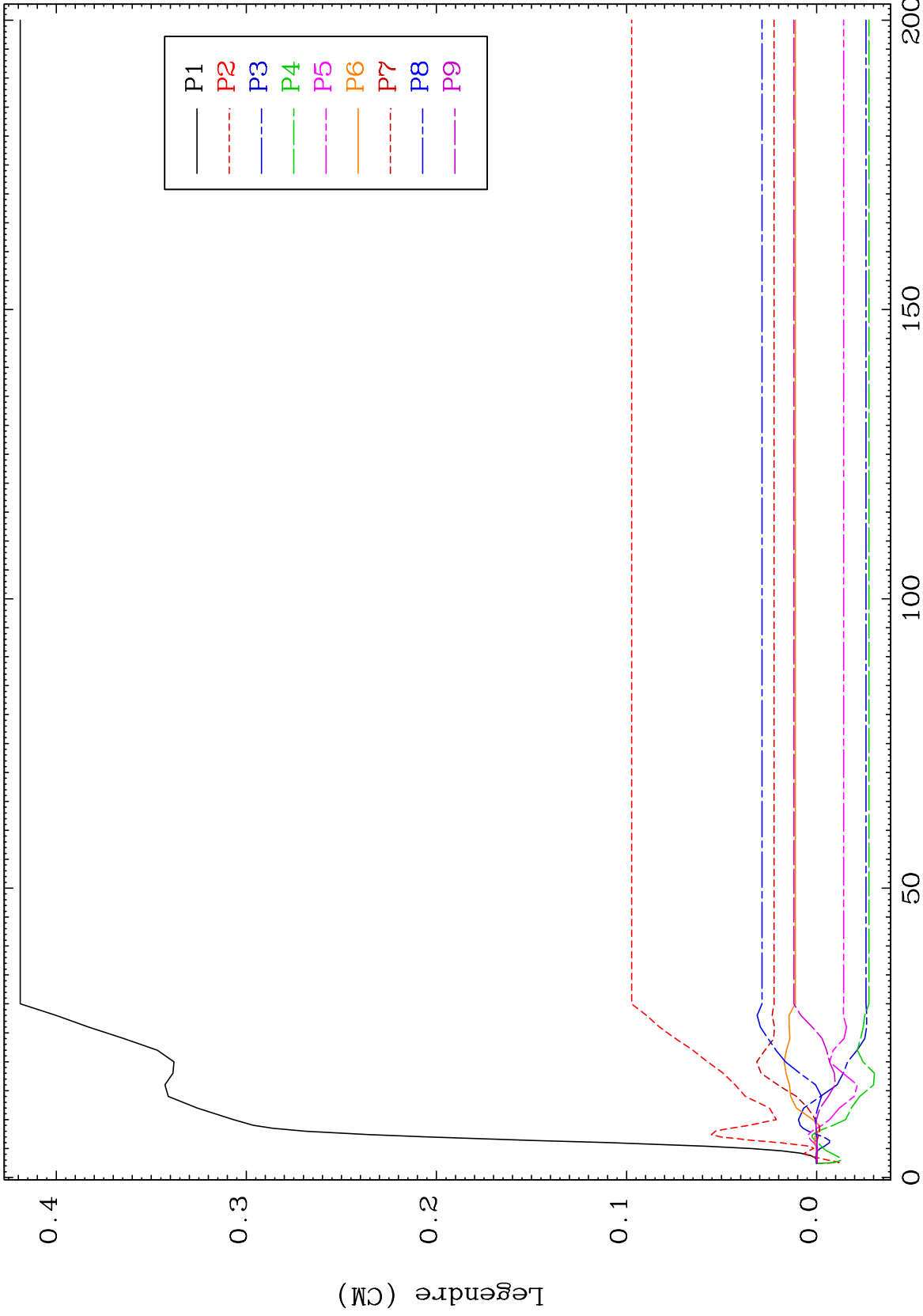
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



106

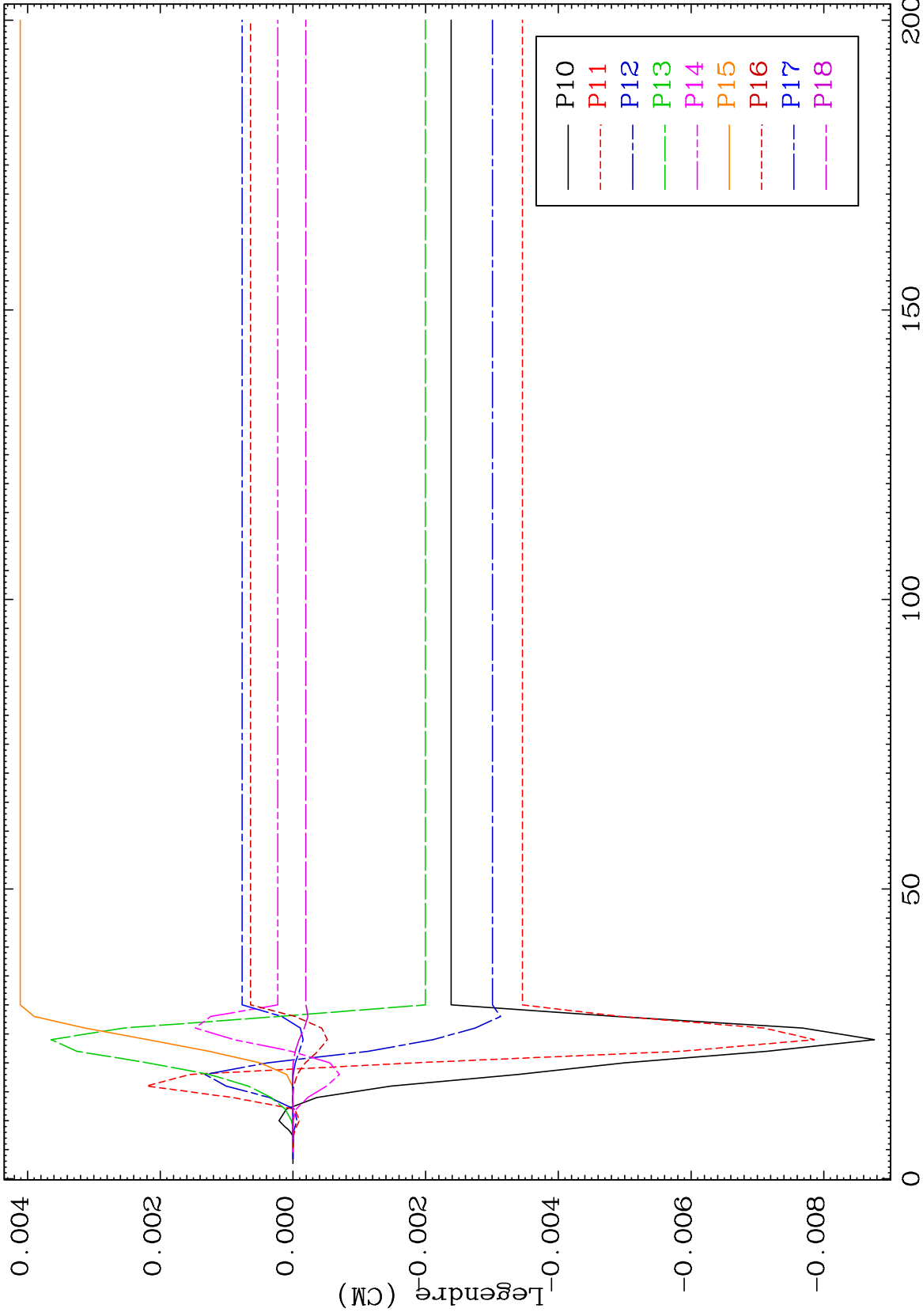
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



107

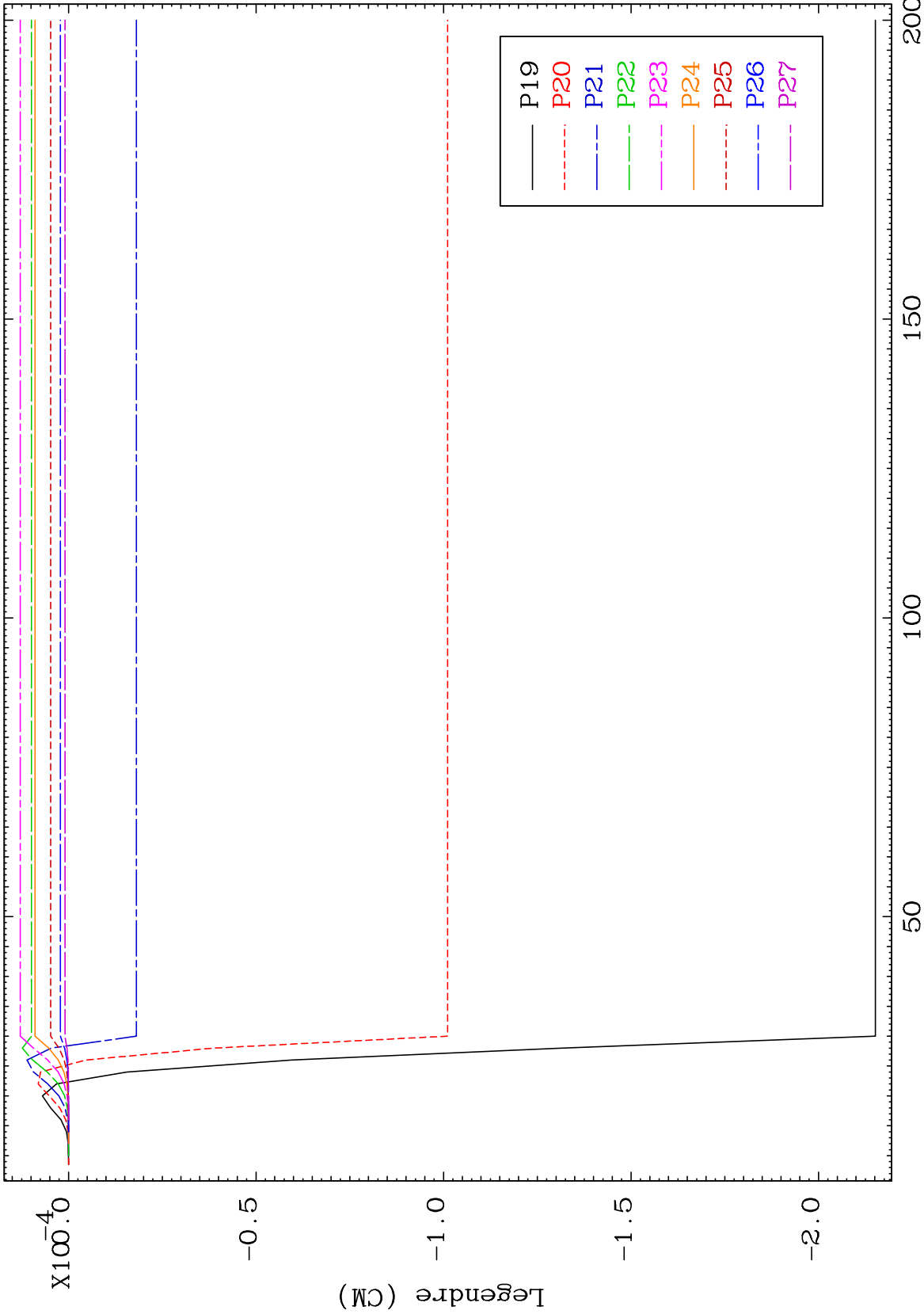
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



108

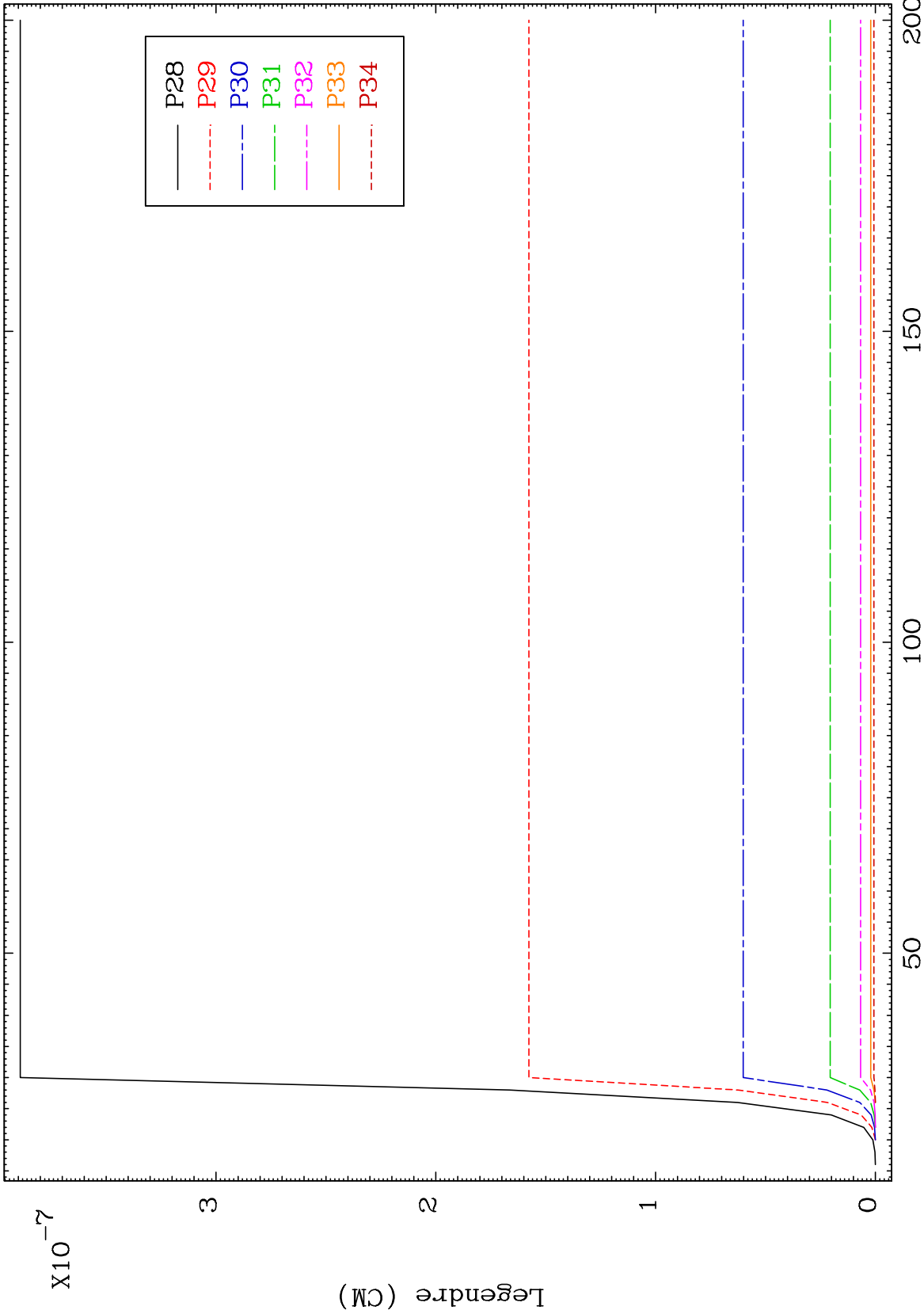
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



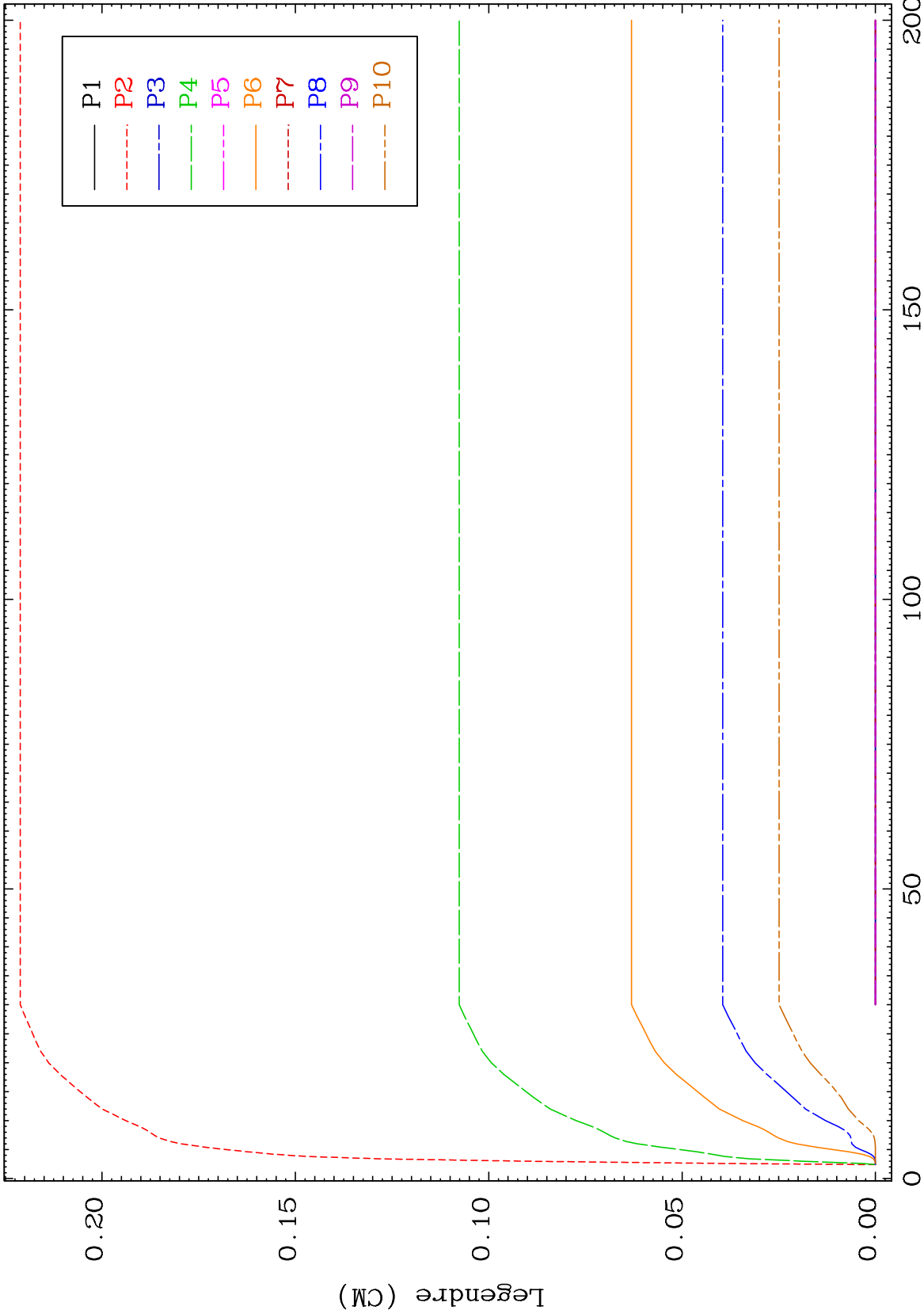
109

56-Ba-134

MAT 5637

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

56-Ba-134



56-Ba-134

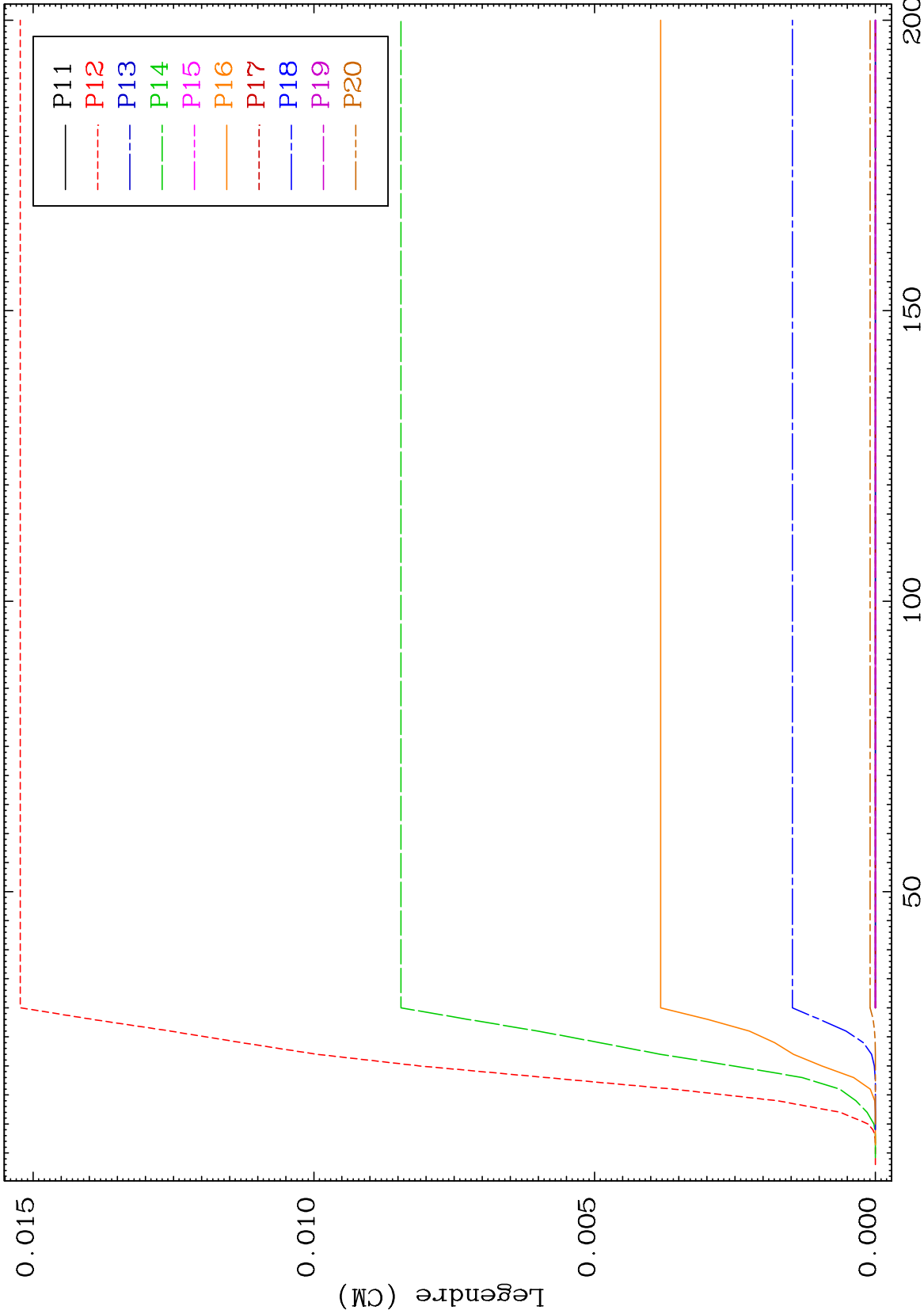
Incident Energy (MeV)

110

MAT 5637

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

56-Ba-134



111

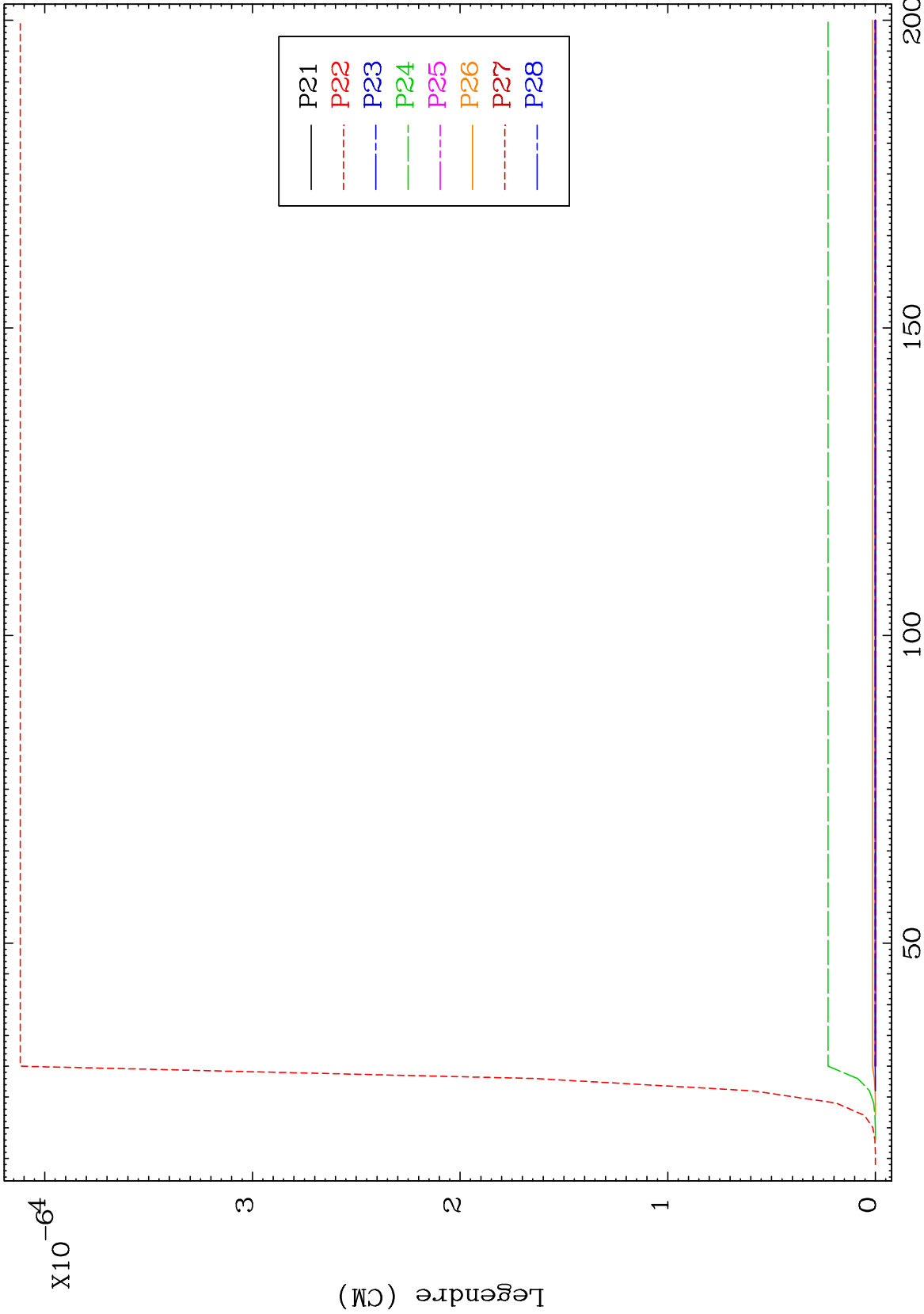
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



112

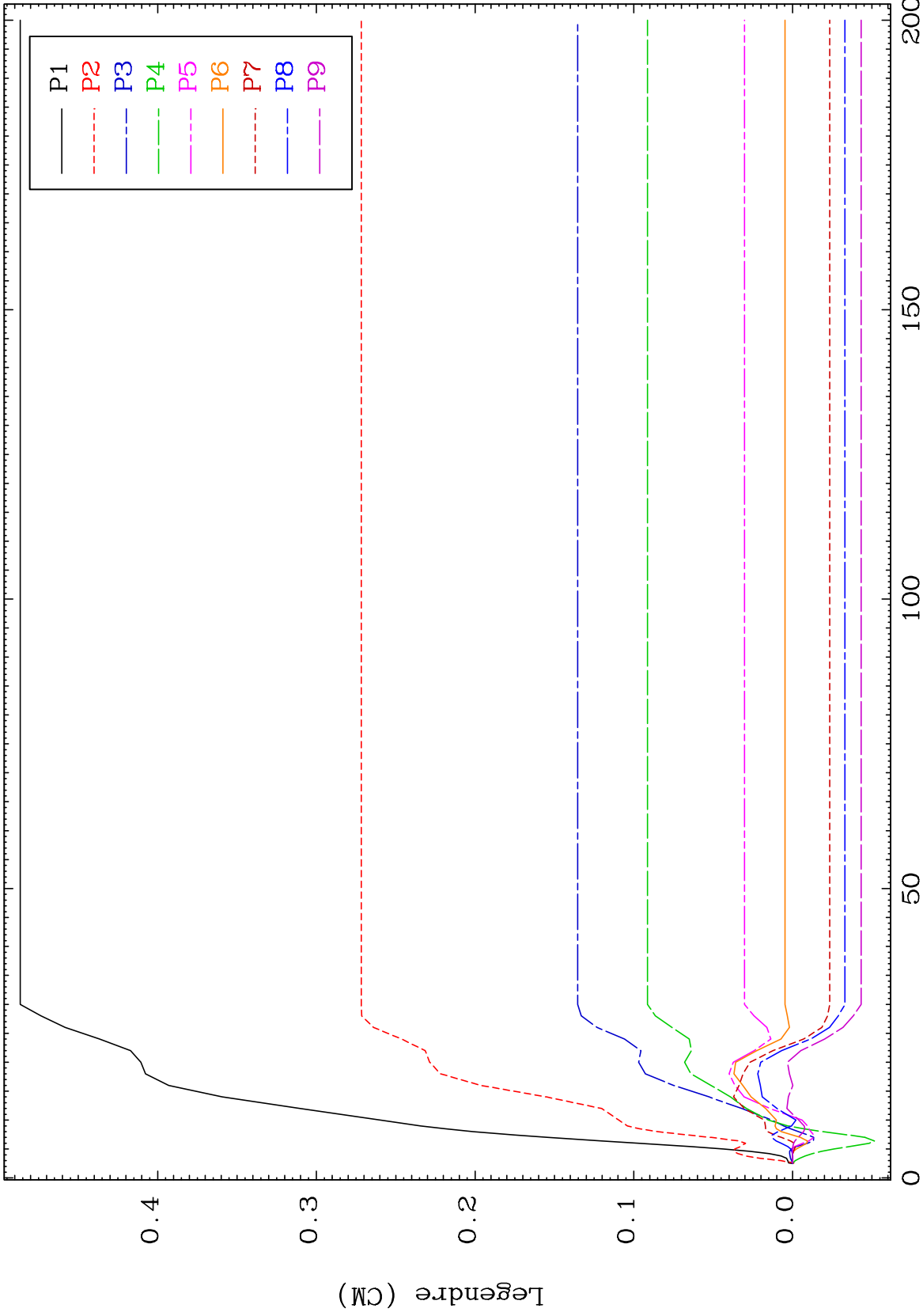
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



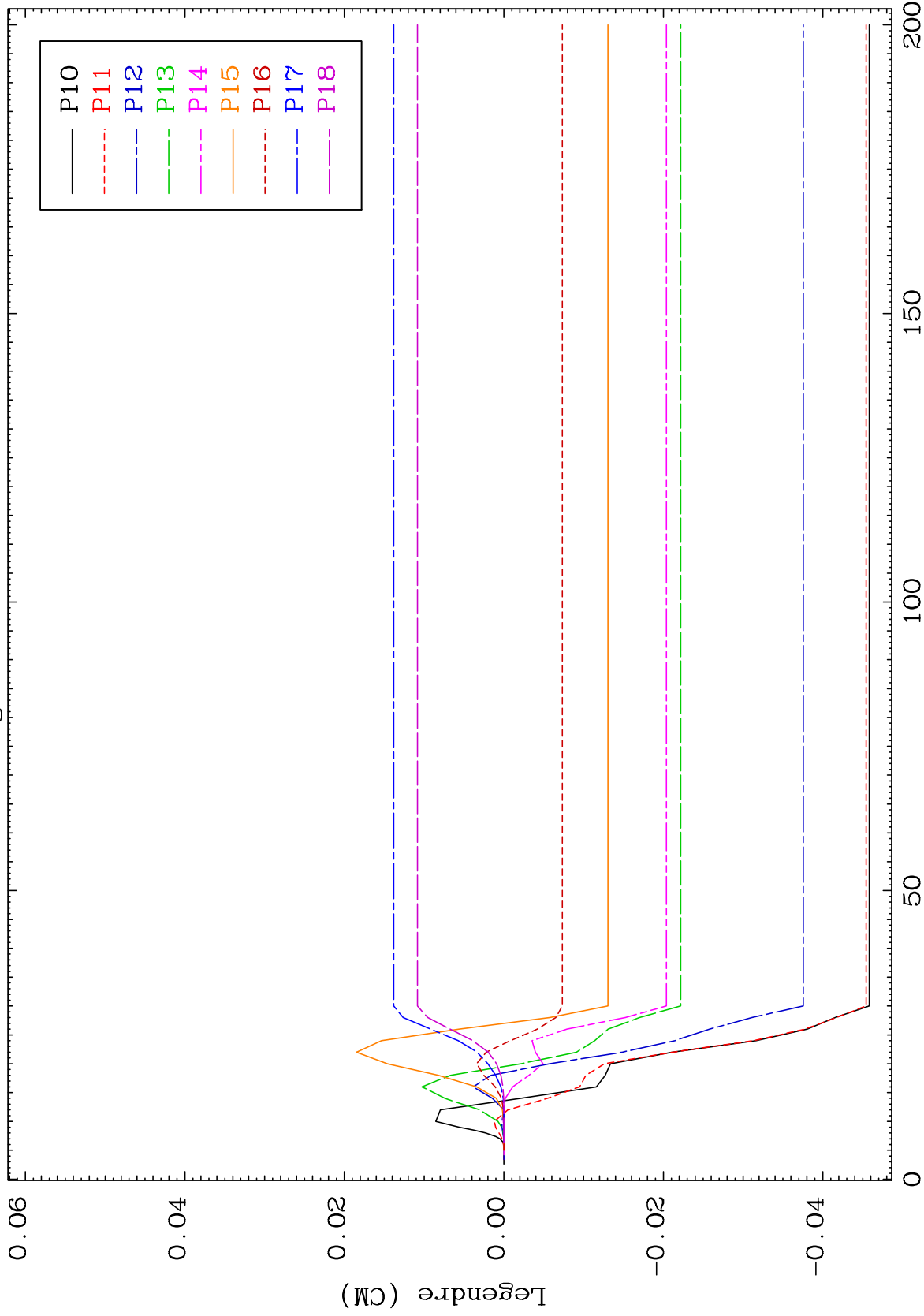
113

56-Ba-134

MAT 5637

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

56-Ba-134



114

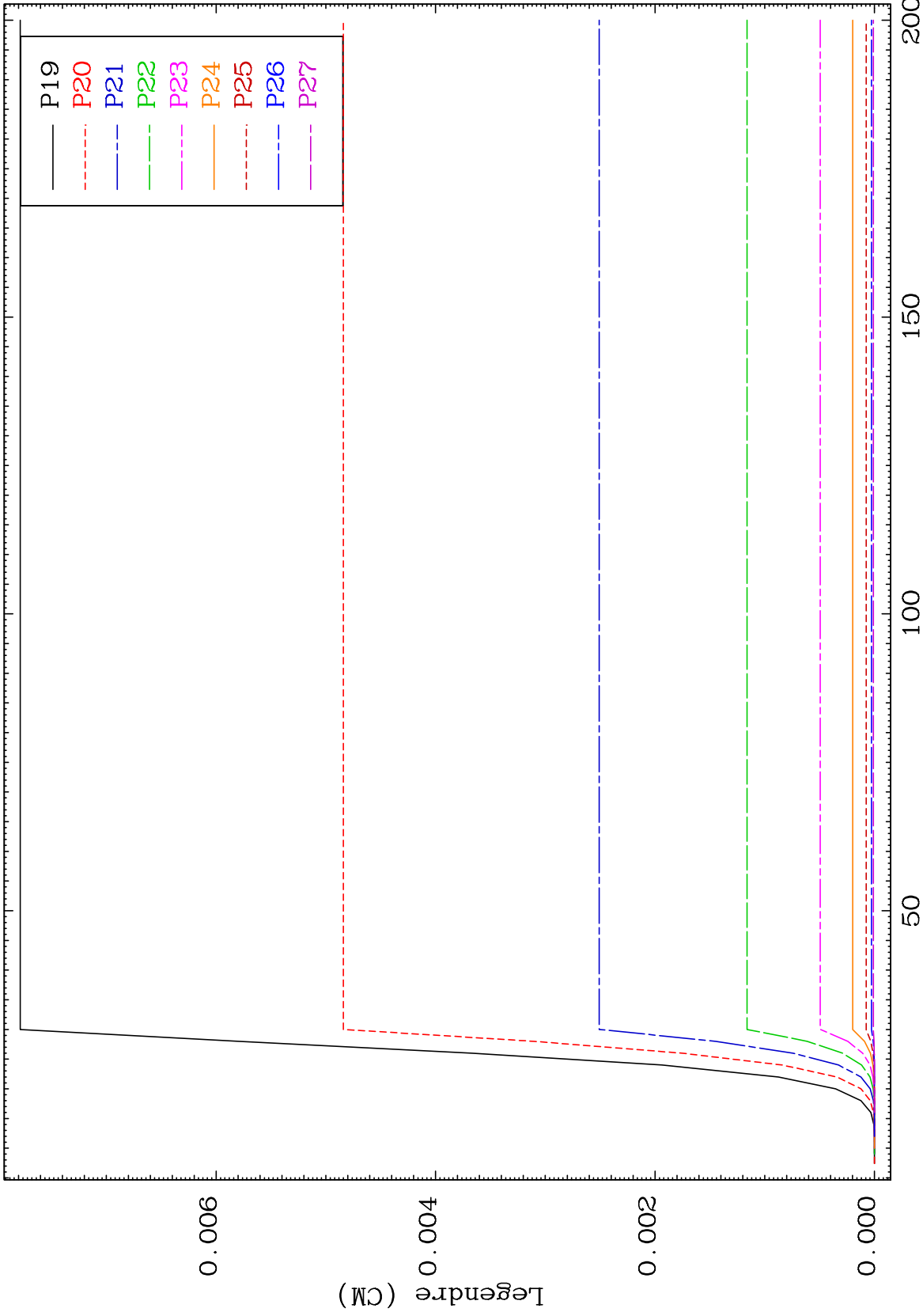
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



115

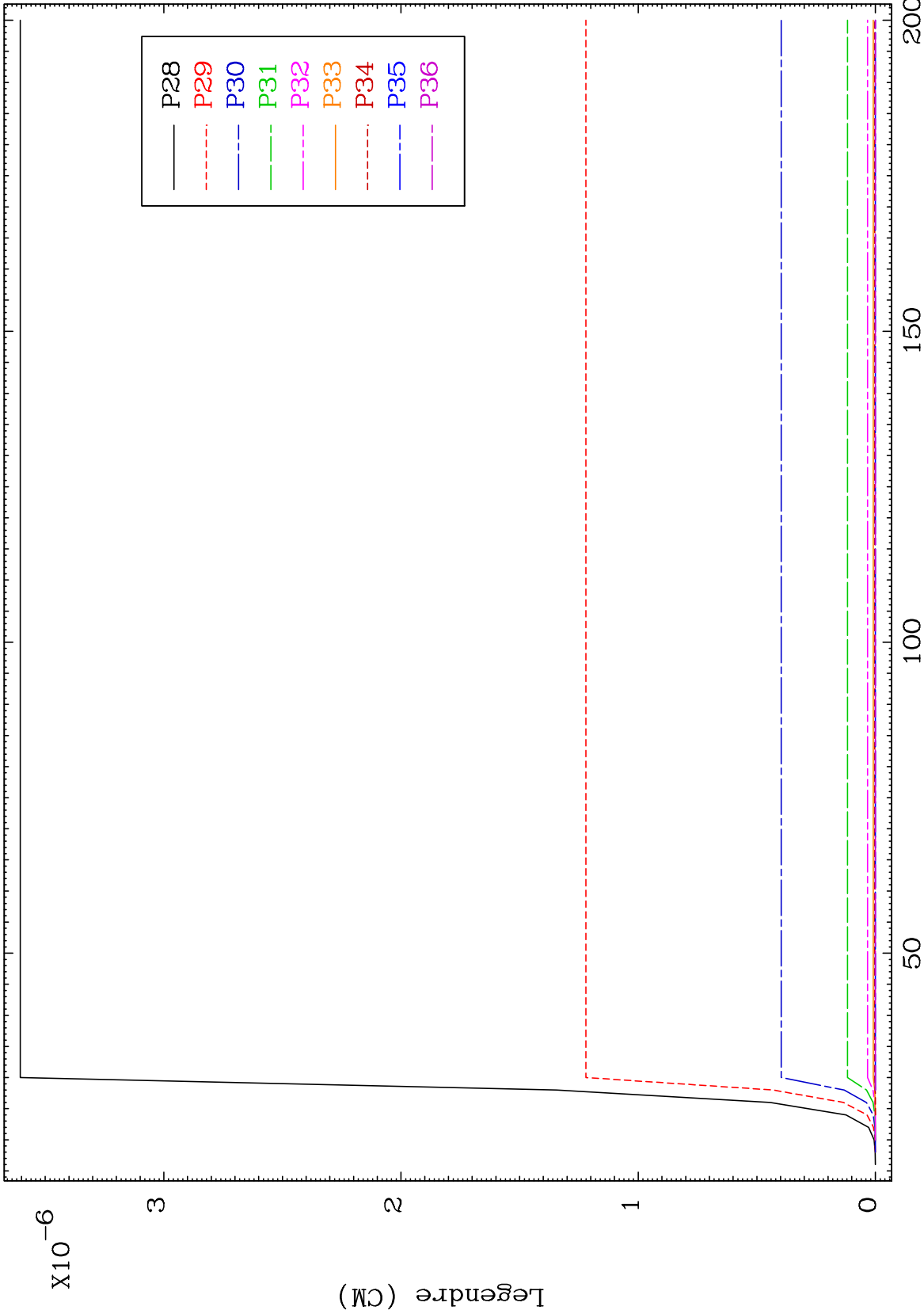
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



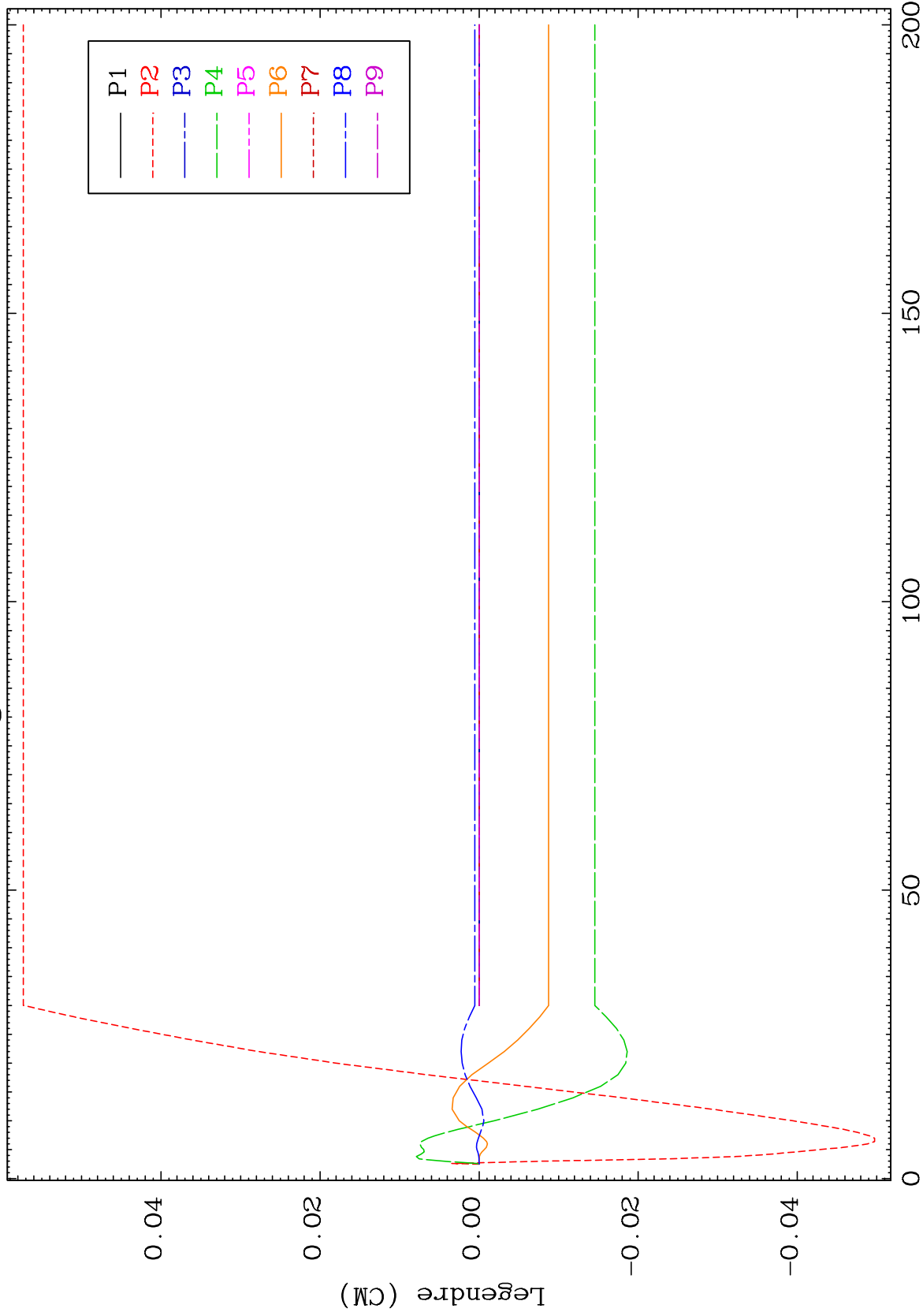
116

56-Ba-134

MAT 5637

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

56-Ba-134



117

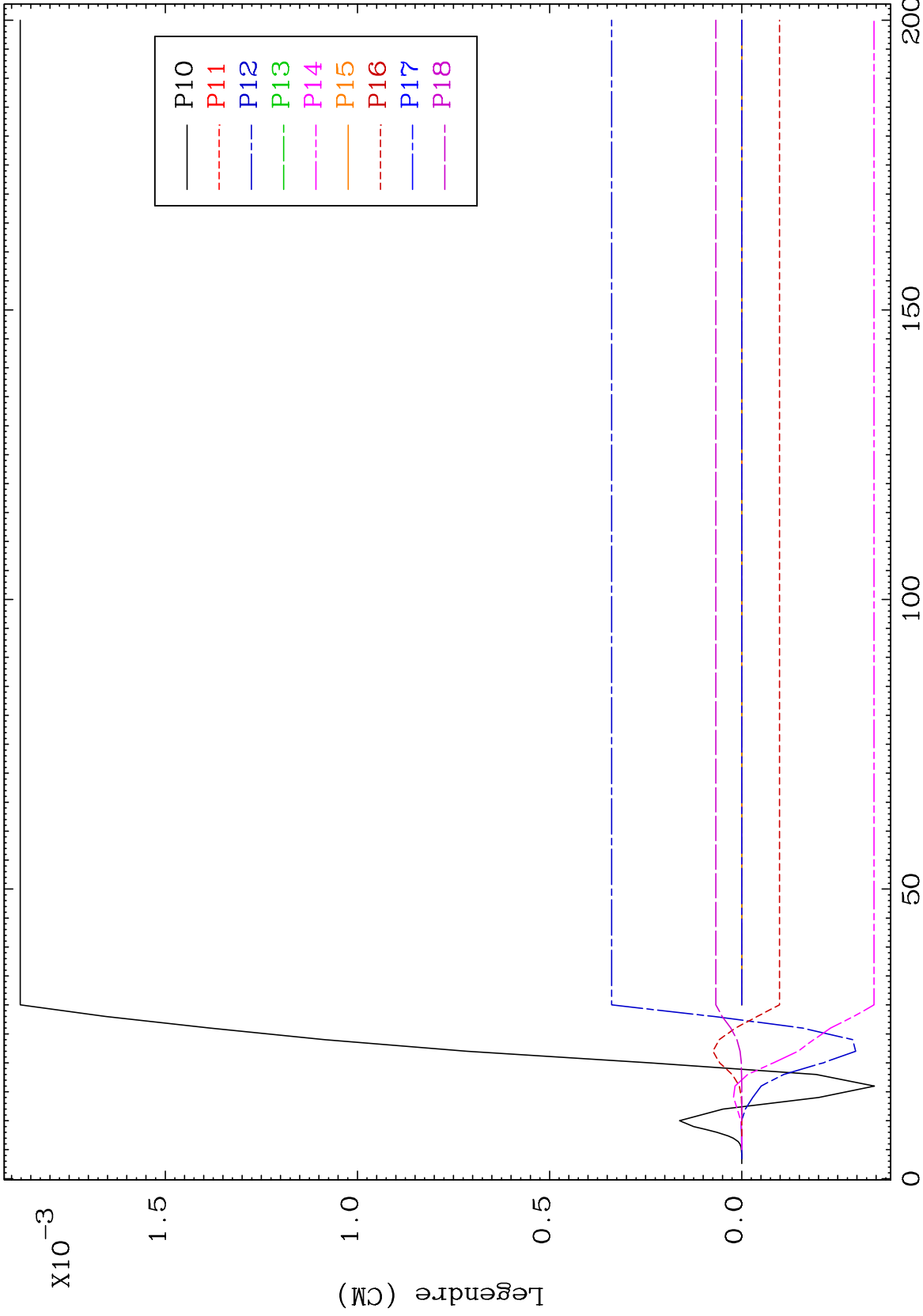
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



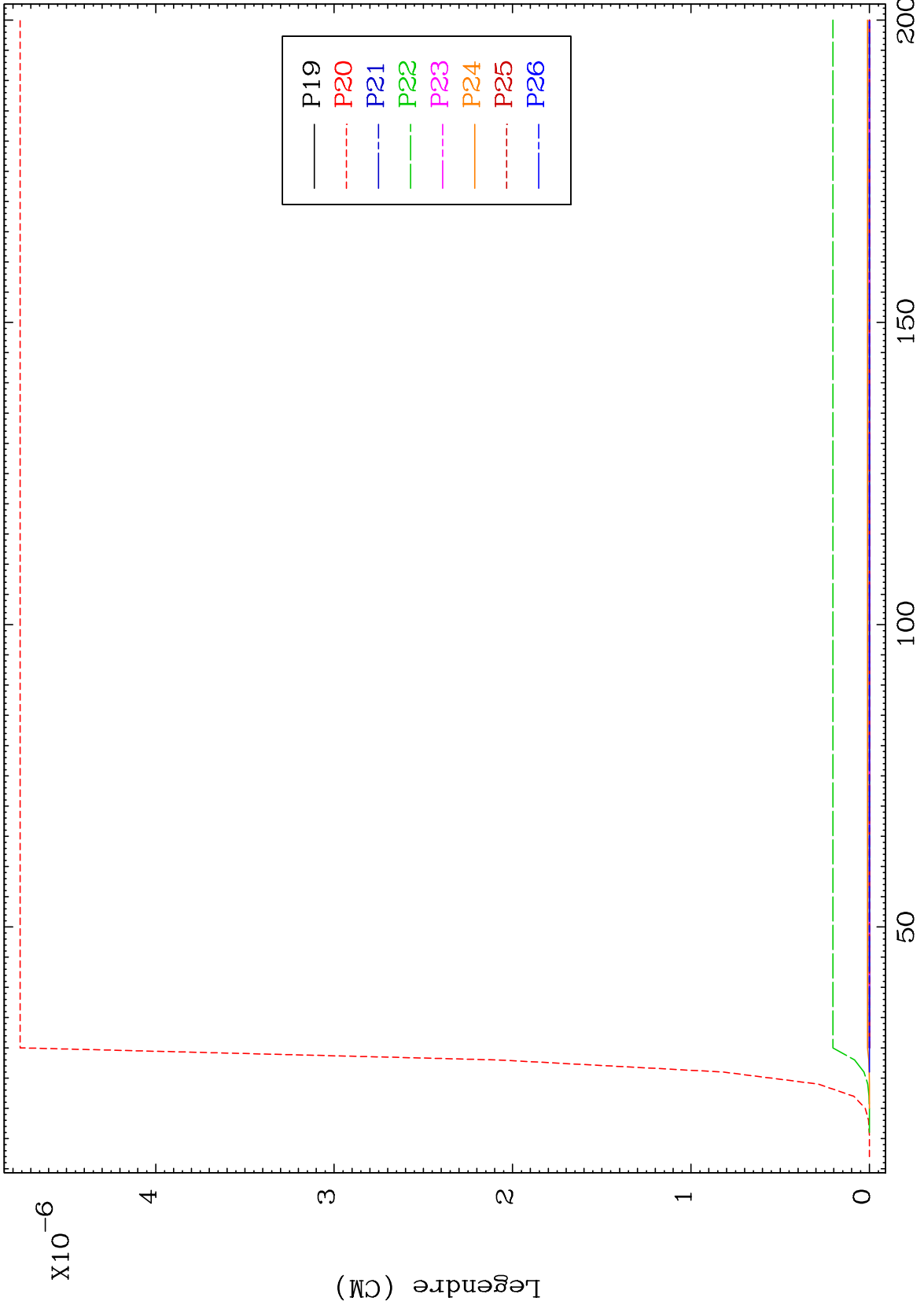
118

56-Ba-134

MAT 5637

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

56-Ba-134



119

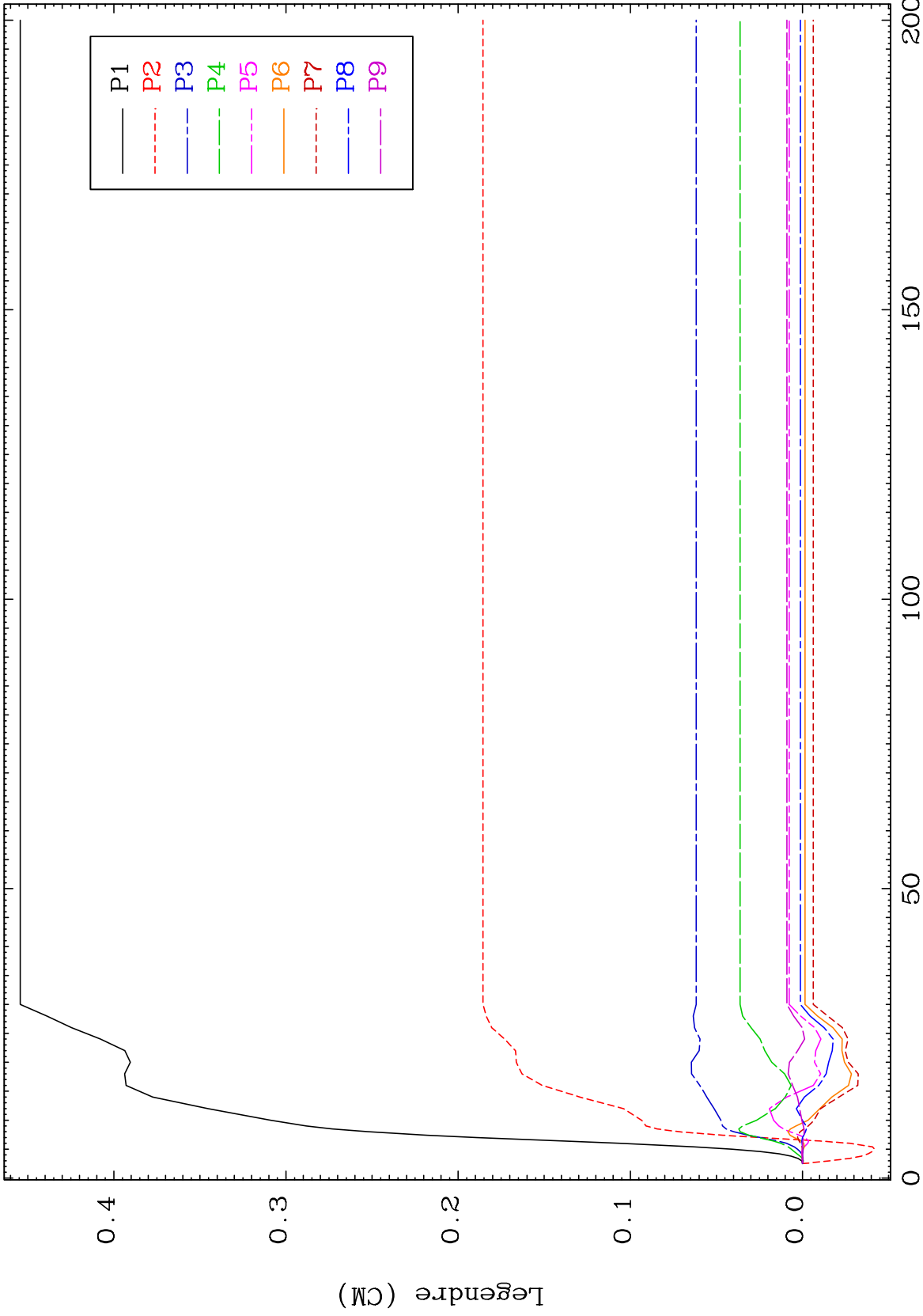
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



56-Ba-134

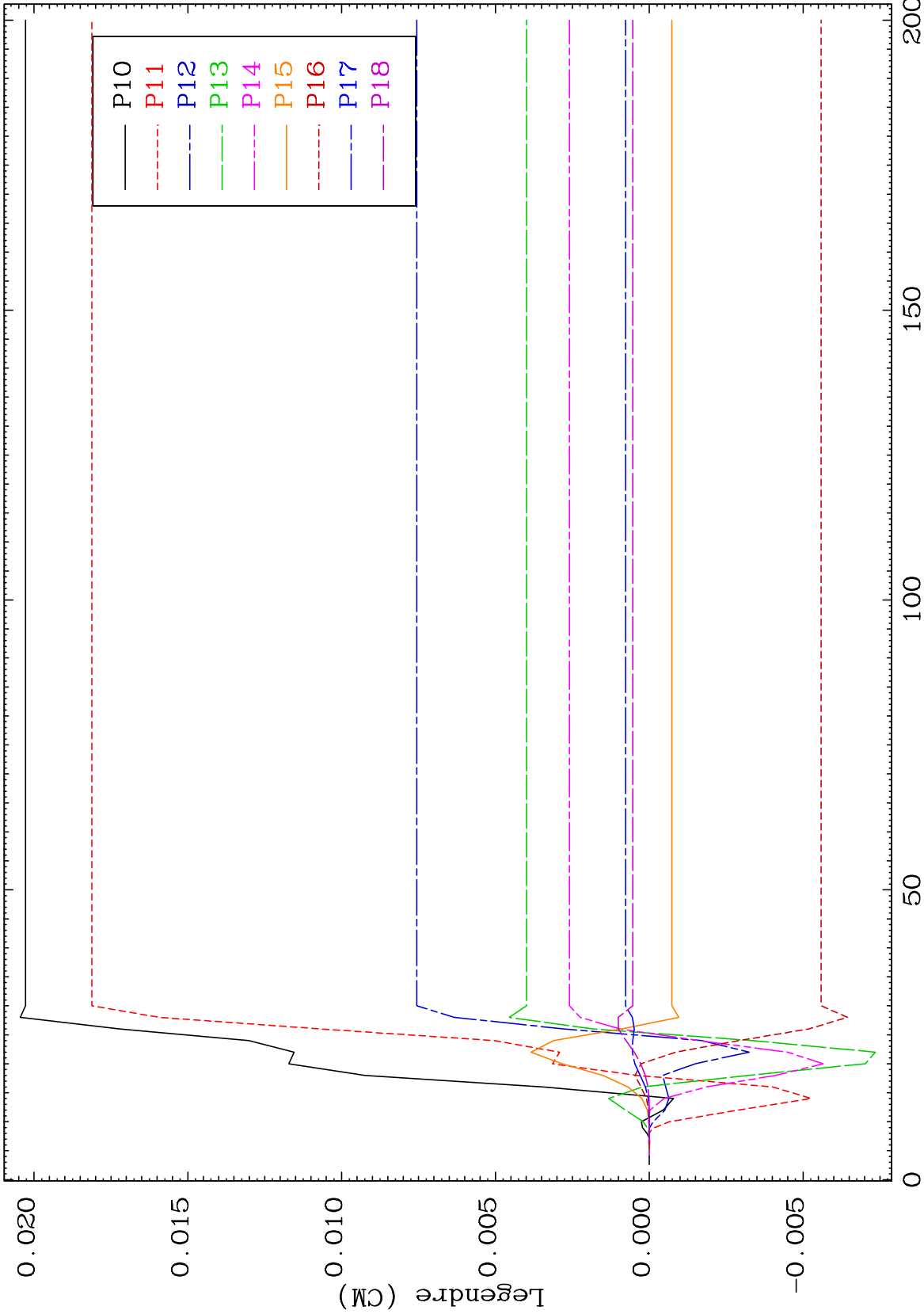
Incident Energy (MeV)

120

MAT 5637

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

56-Ba-134



121

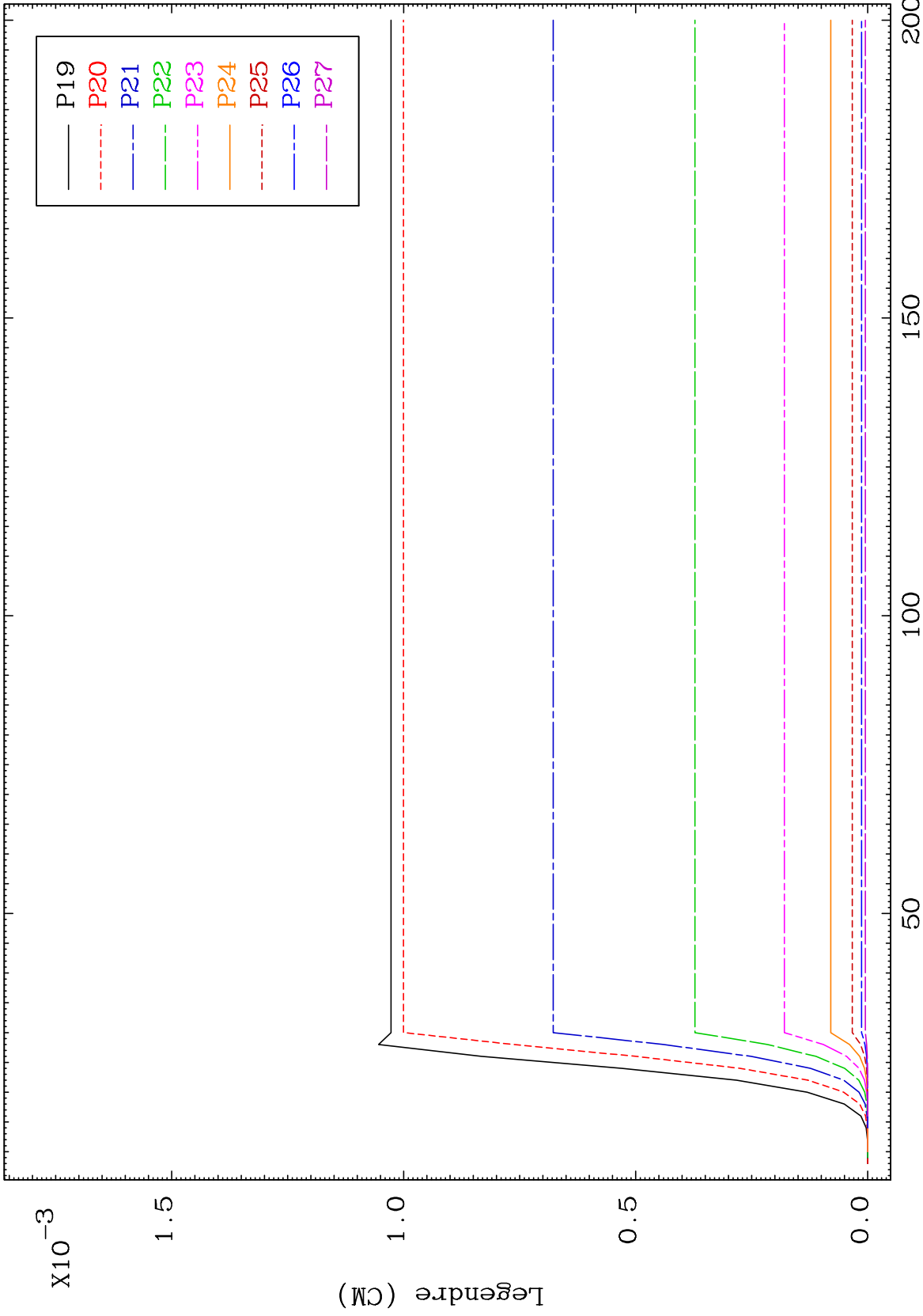
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



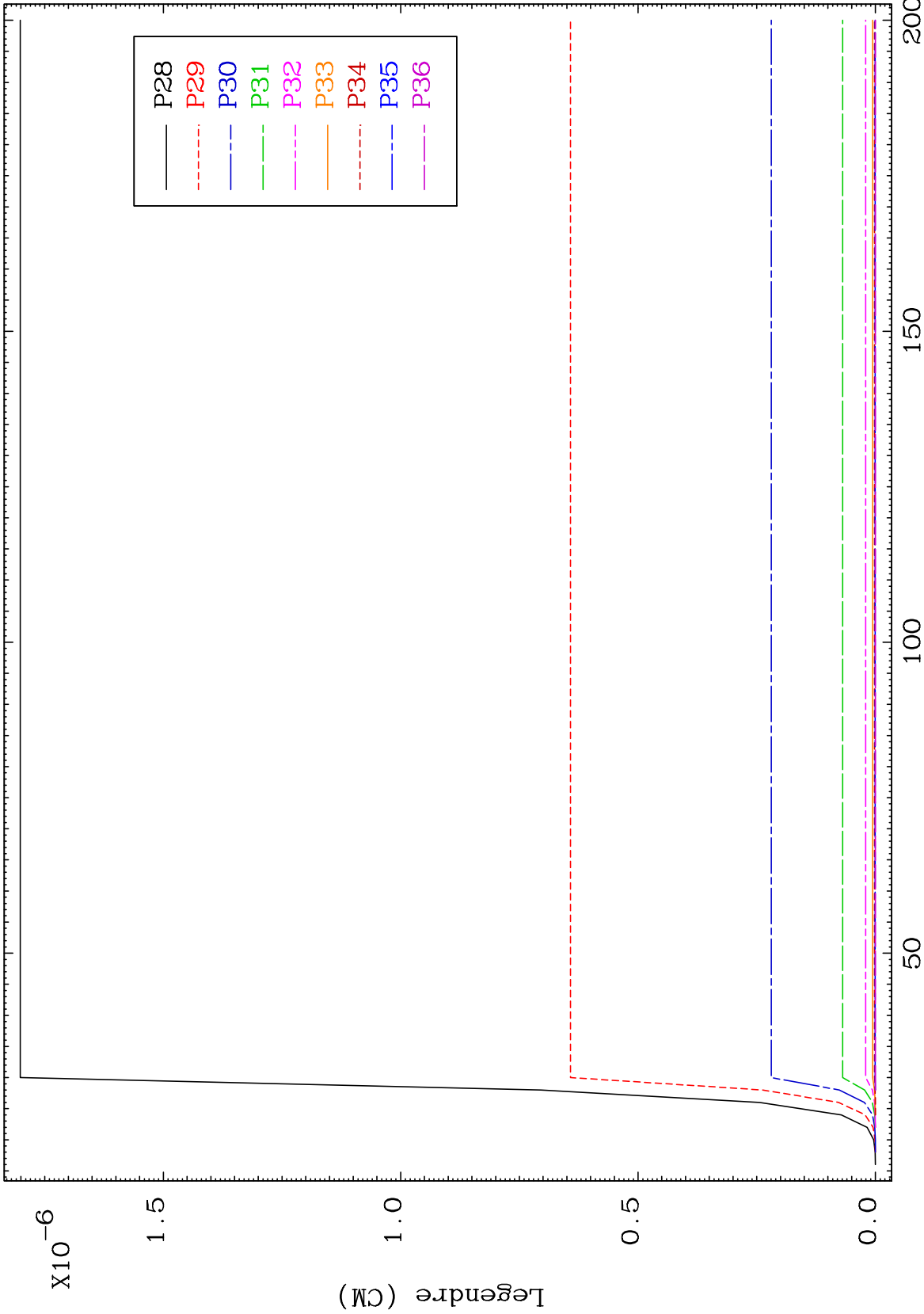
122

56-Ba-134

MAT 5637

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

56-Ba-134



123

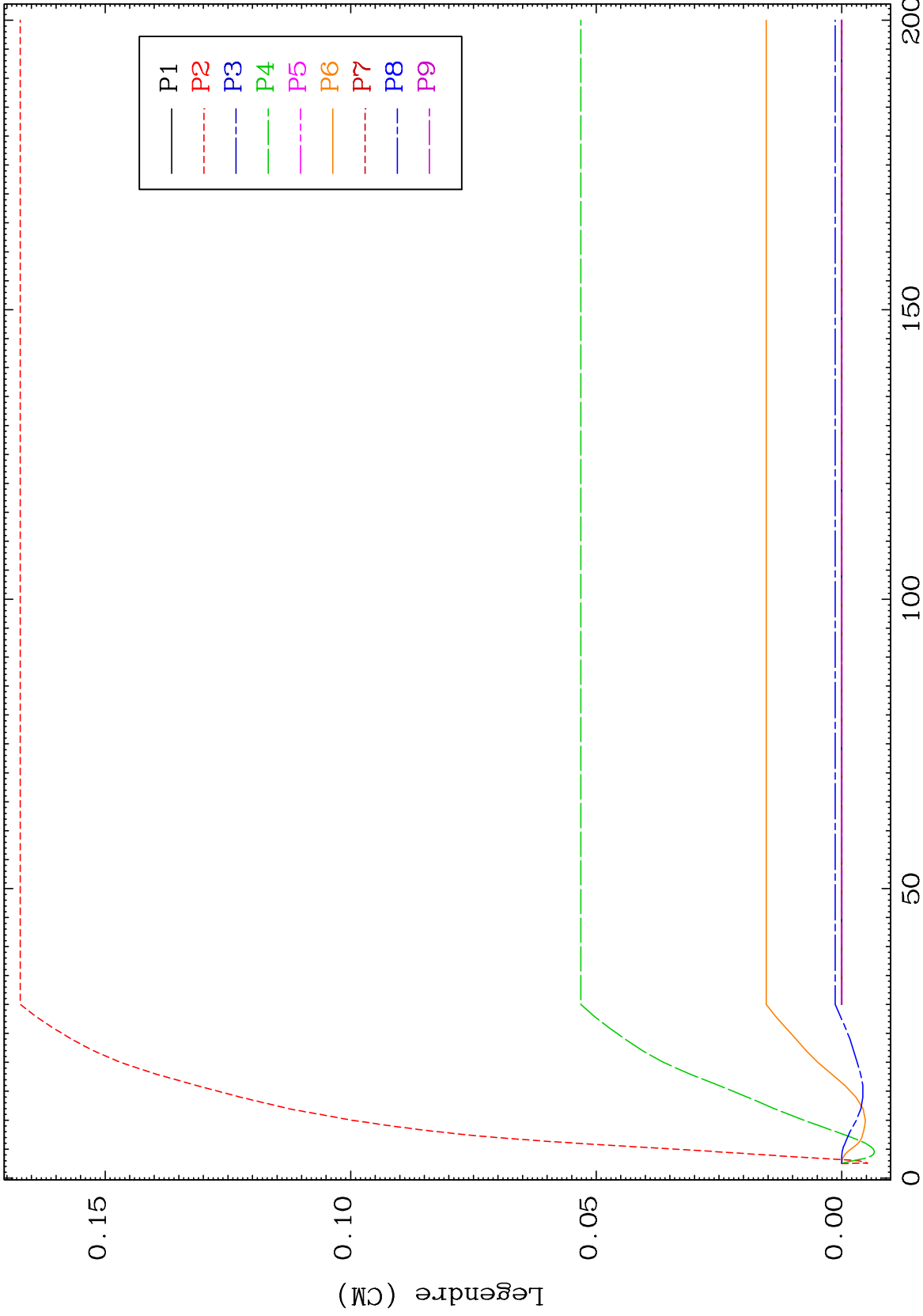
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



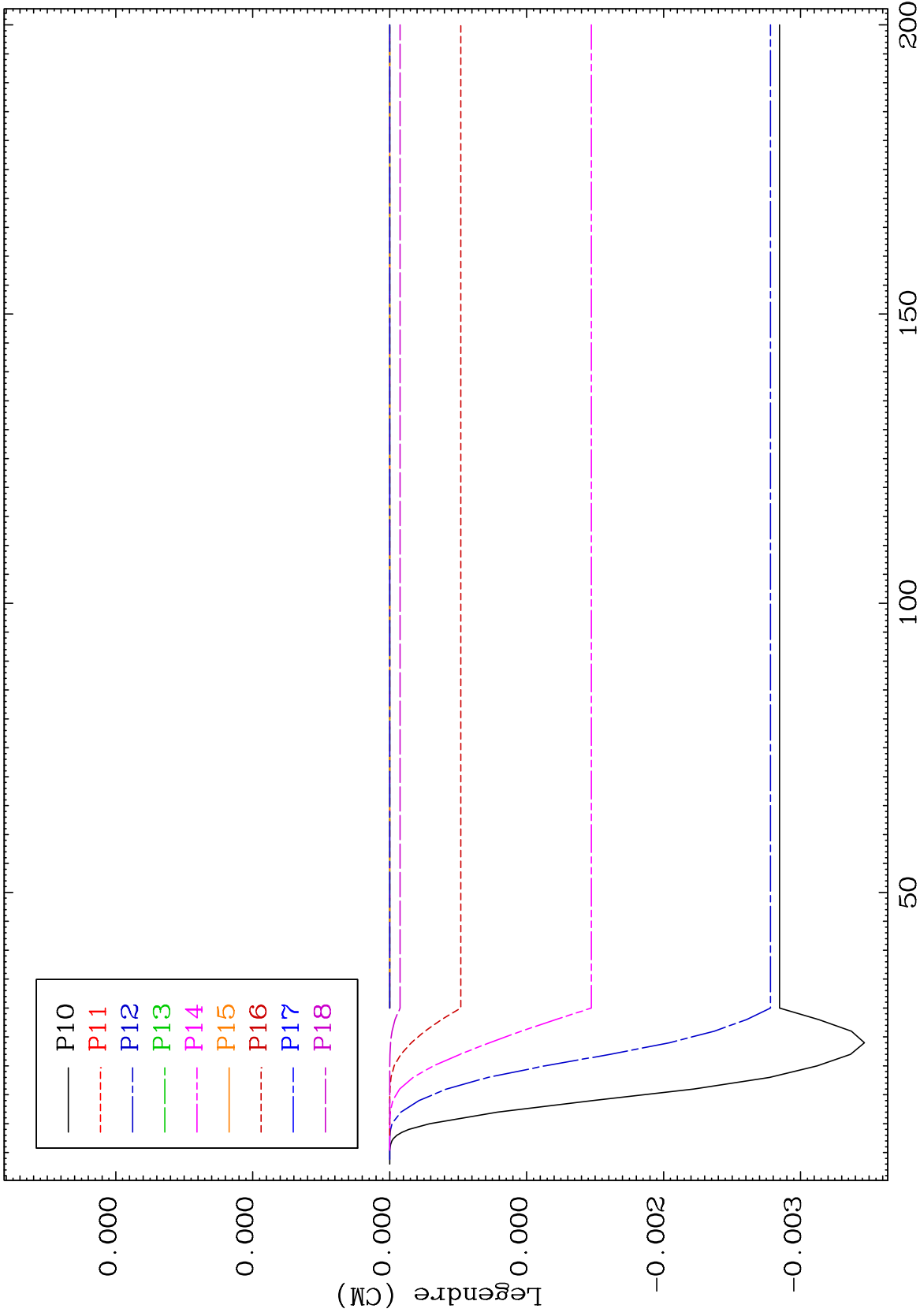
124

56-Ba-134

MAT 5637

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

56-Ba-134



125

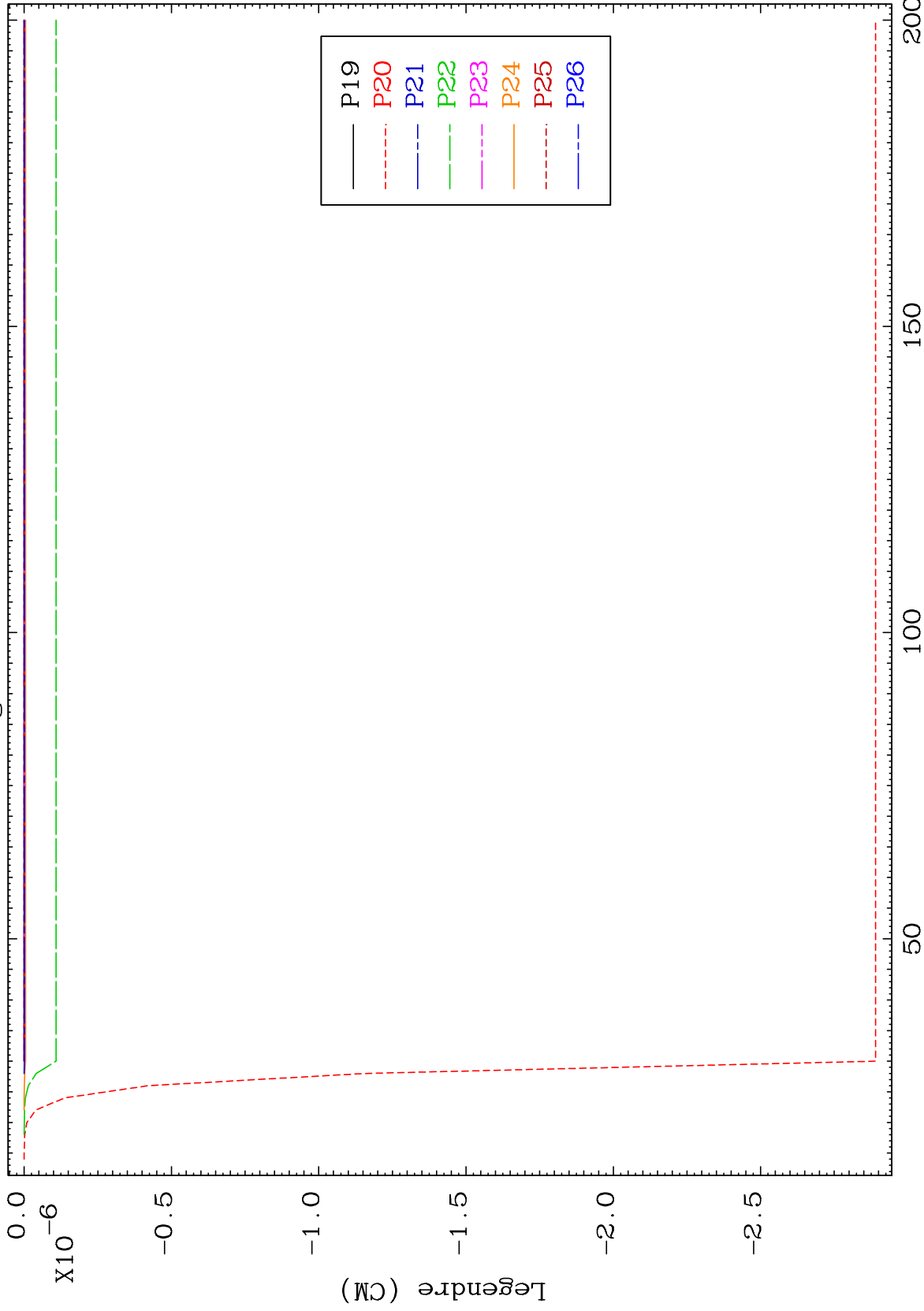
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



126

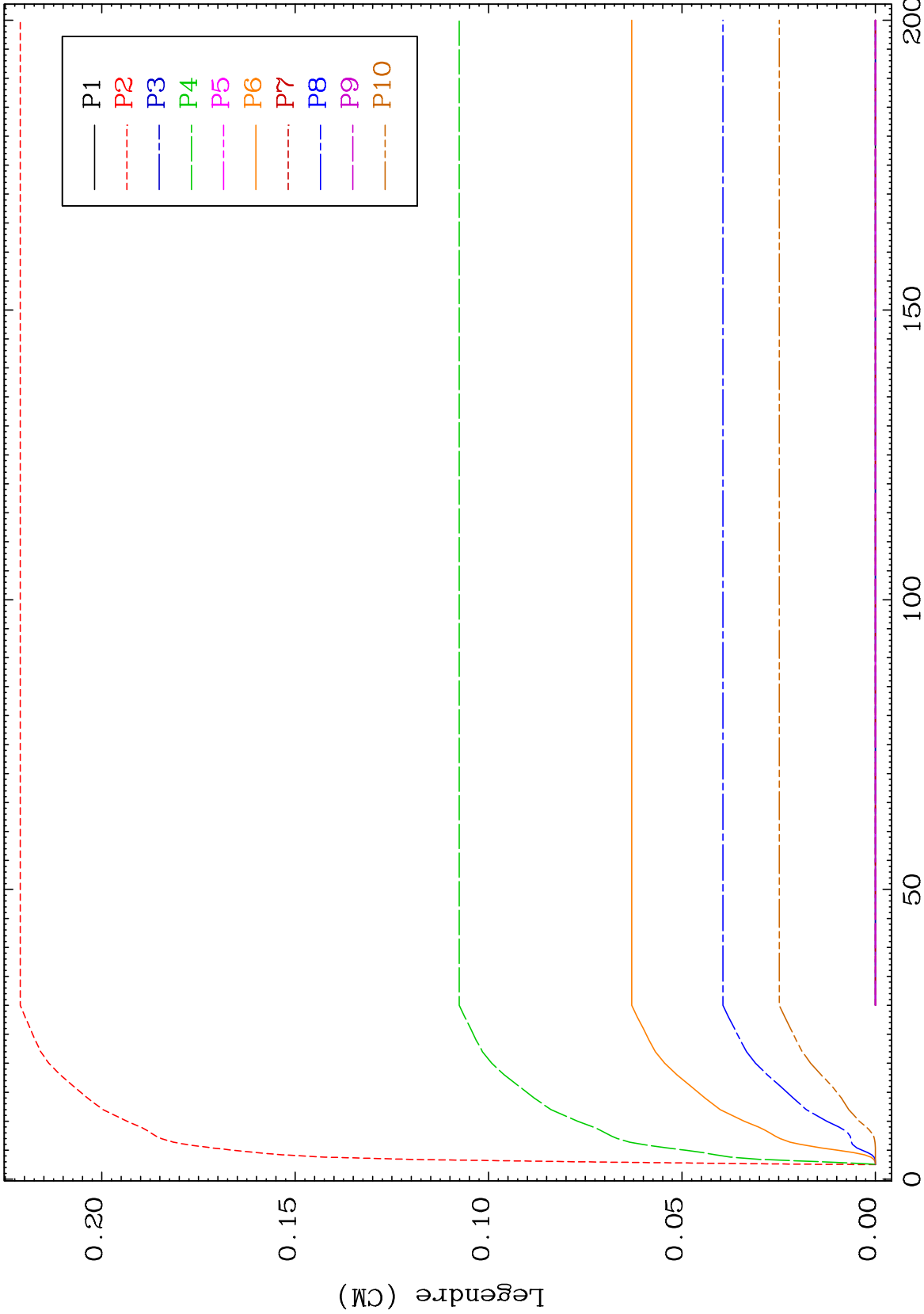
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



56-Ba-134

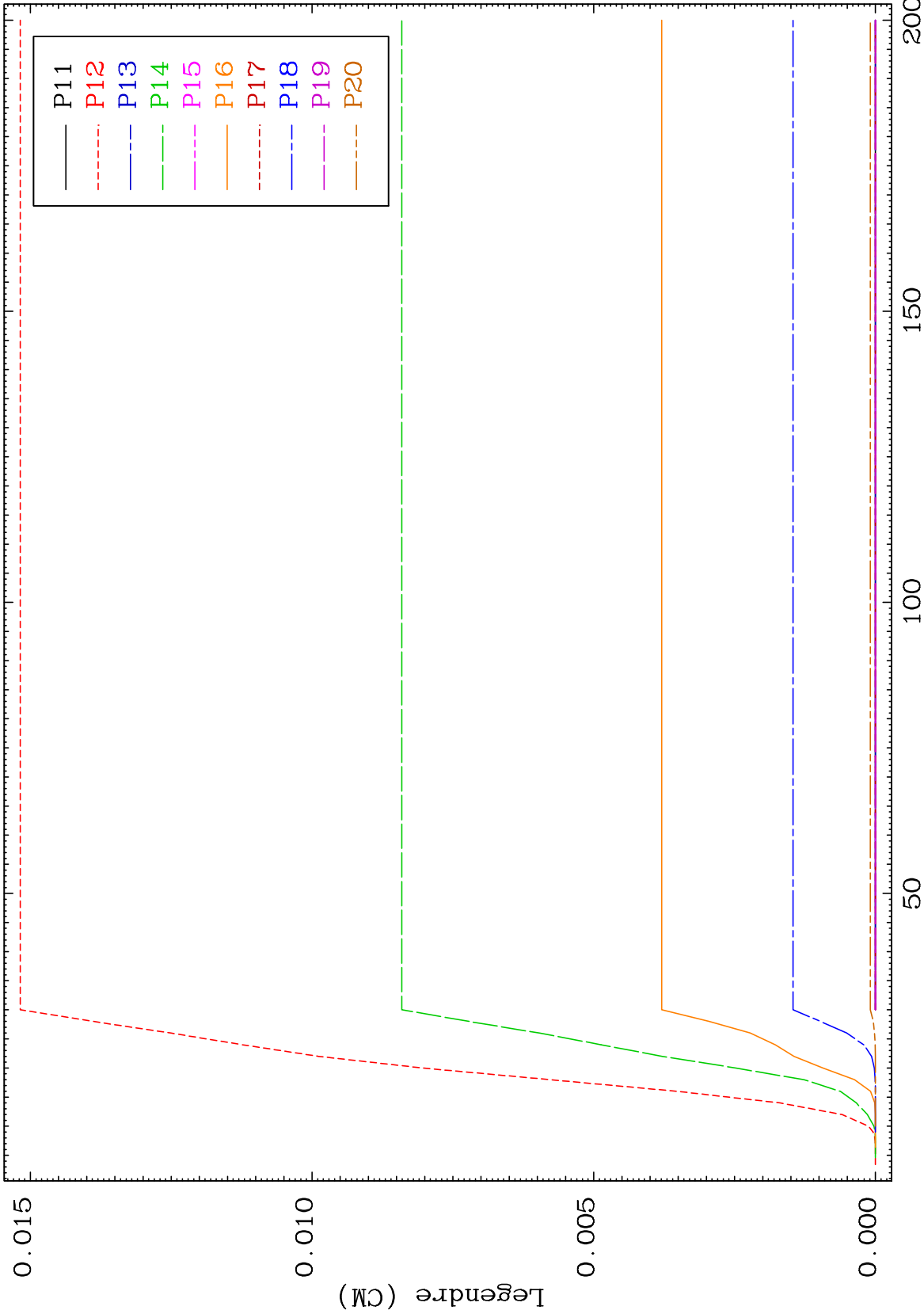
Incident Energy (MeV)

127

MAT 5637

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

56-Ba-134

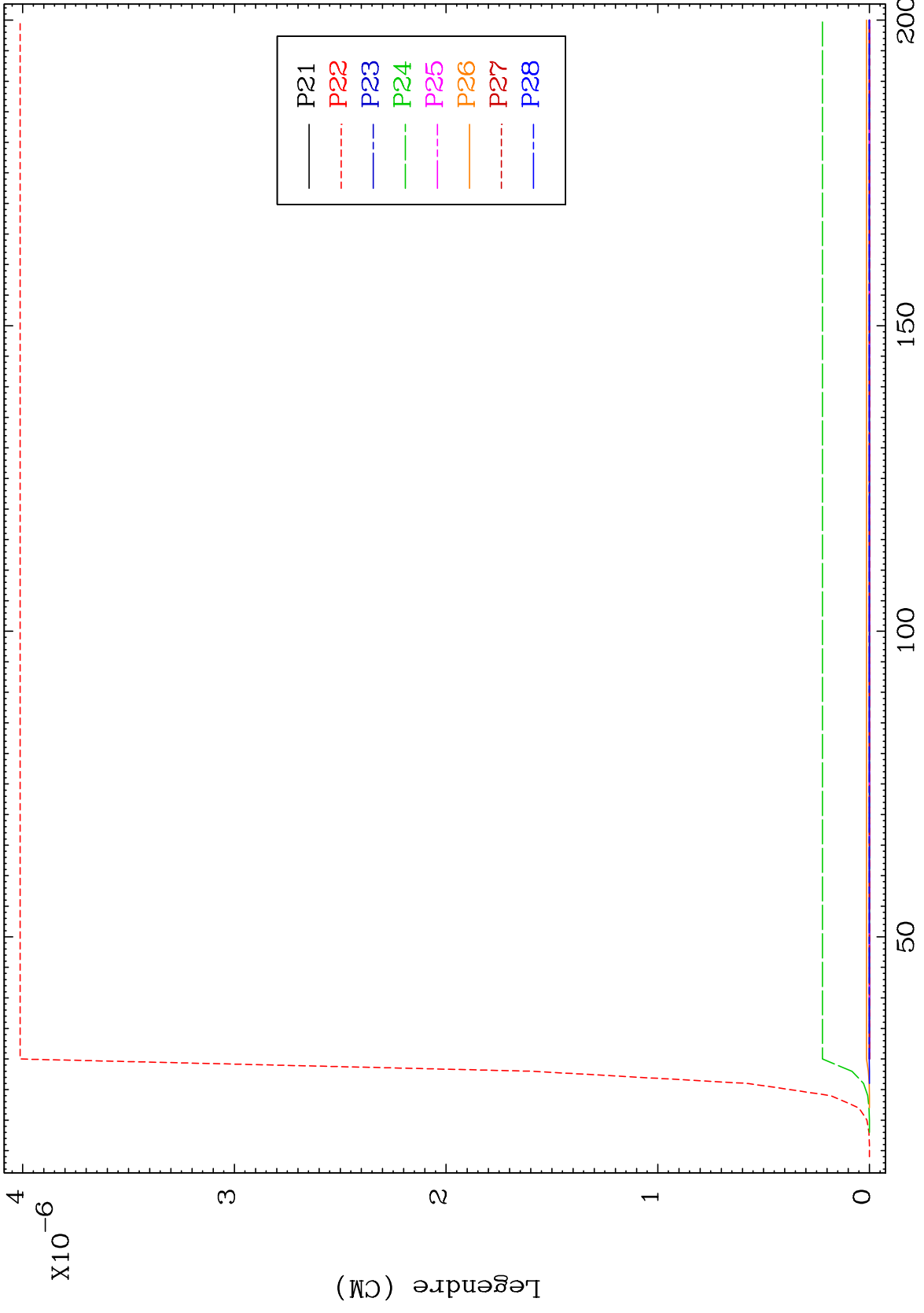


56-Ba-134

Incident Energy (MeV)

128

MAT 5637 MT= 80 (n, n') Level Legendre Coefficients 56-Ba-134

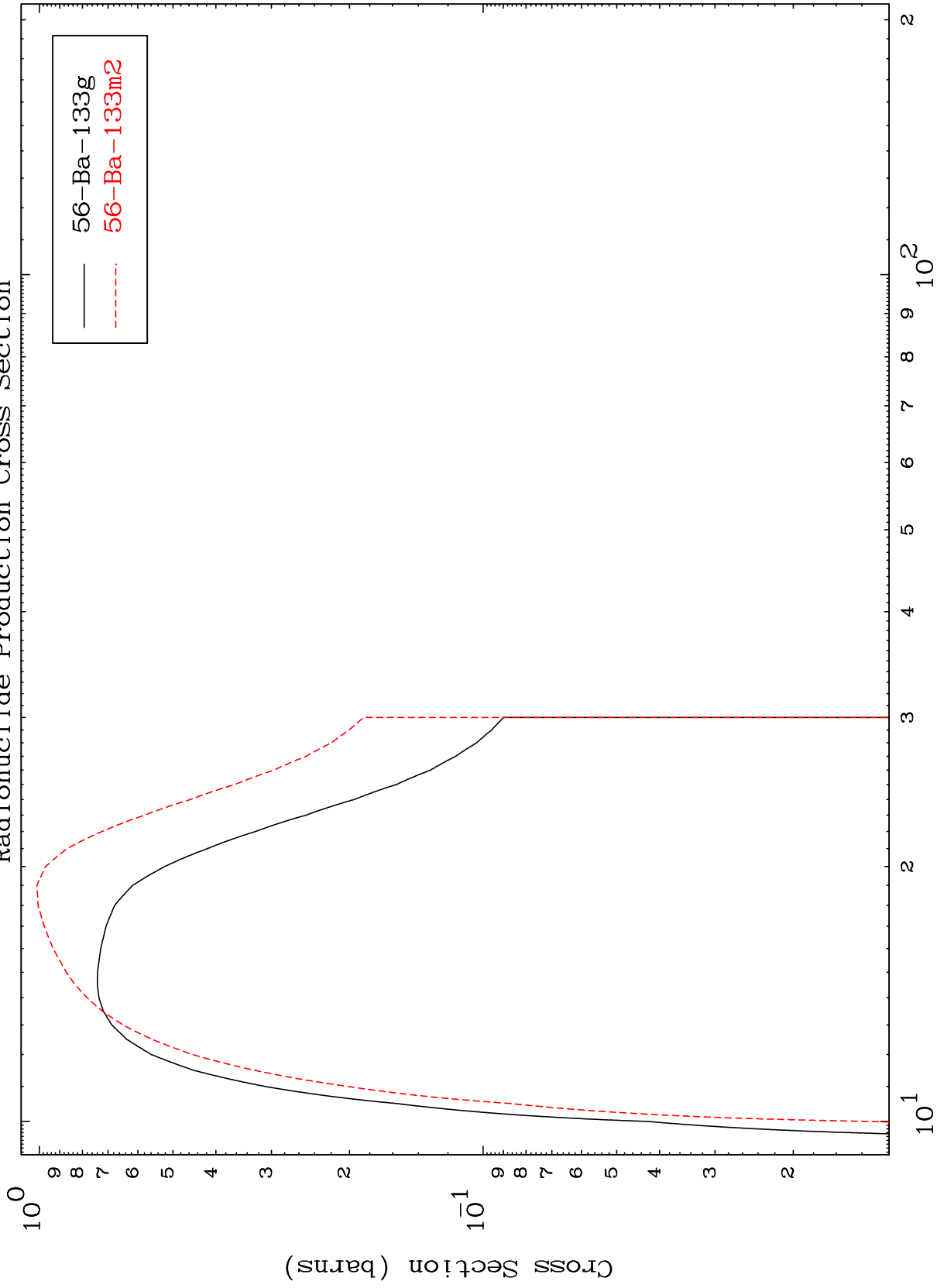


129 Incident Energy (MeV) 56-Ba-134

MAT 5637

56-Ba-134

(n,2n)
Radionuclide Production Cross Section



56-Ba-134

Incident Energy (MeV)

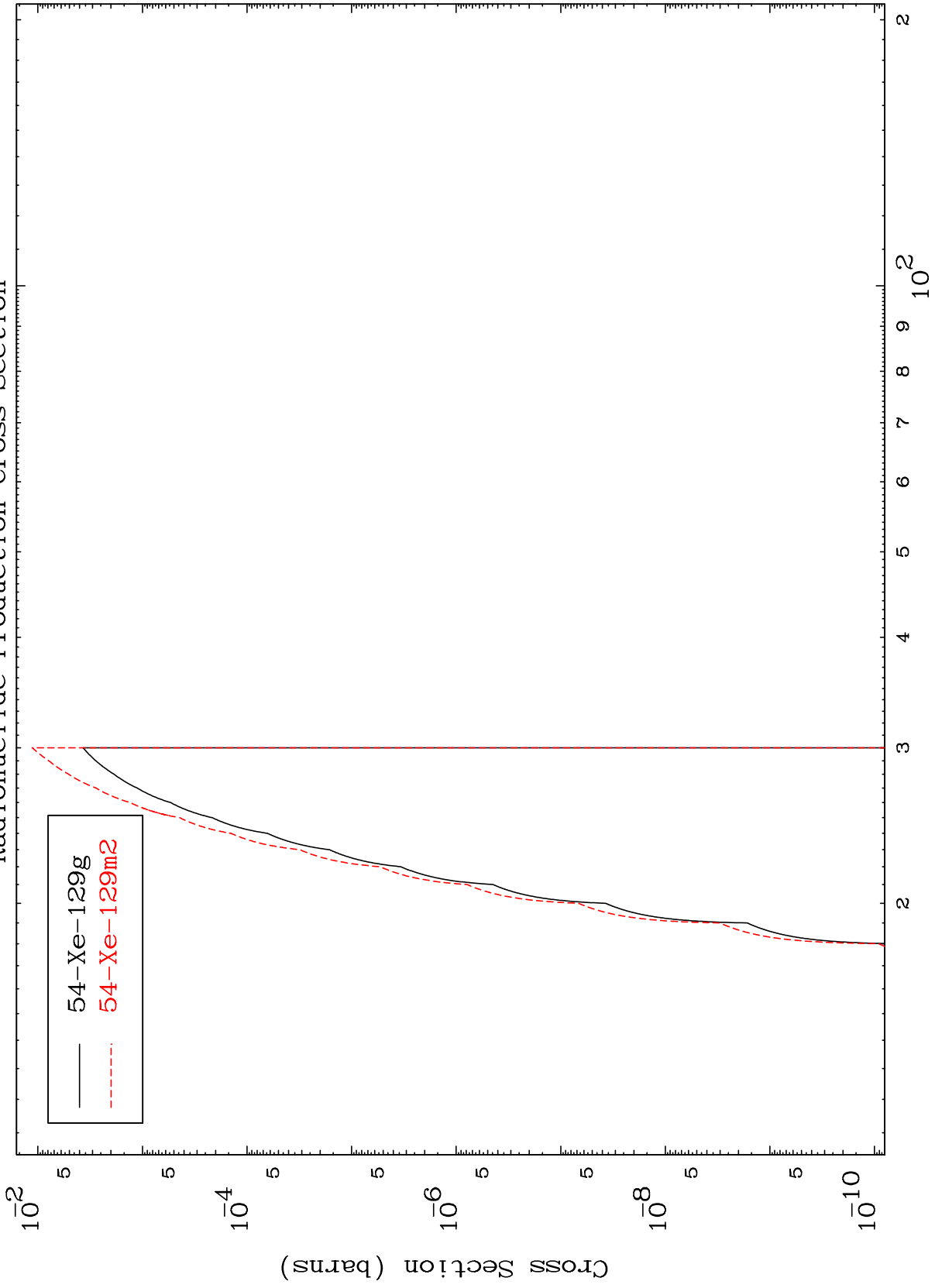
130

MAT 5637

(n,2n) α

56-Ba-134

Radionuclide Production Cross Section



131

Incident Energy (MeV)

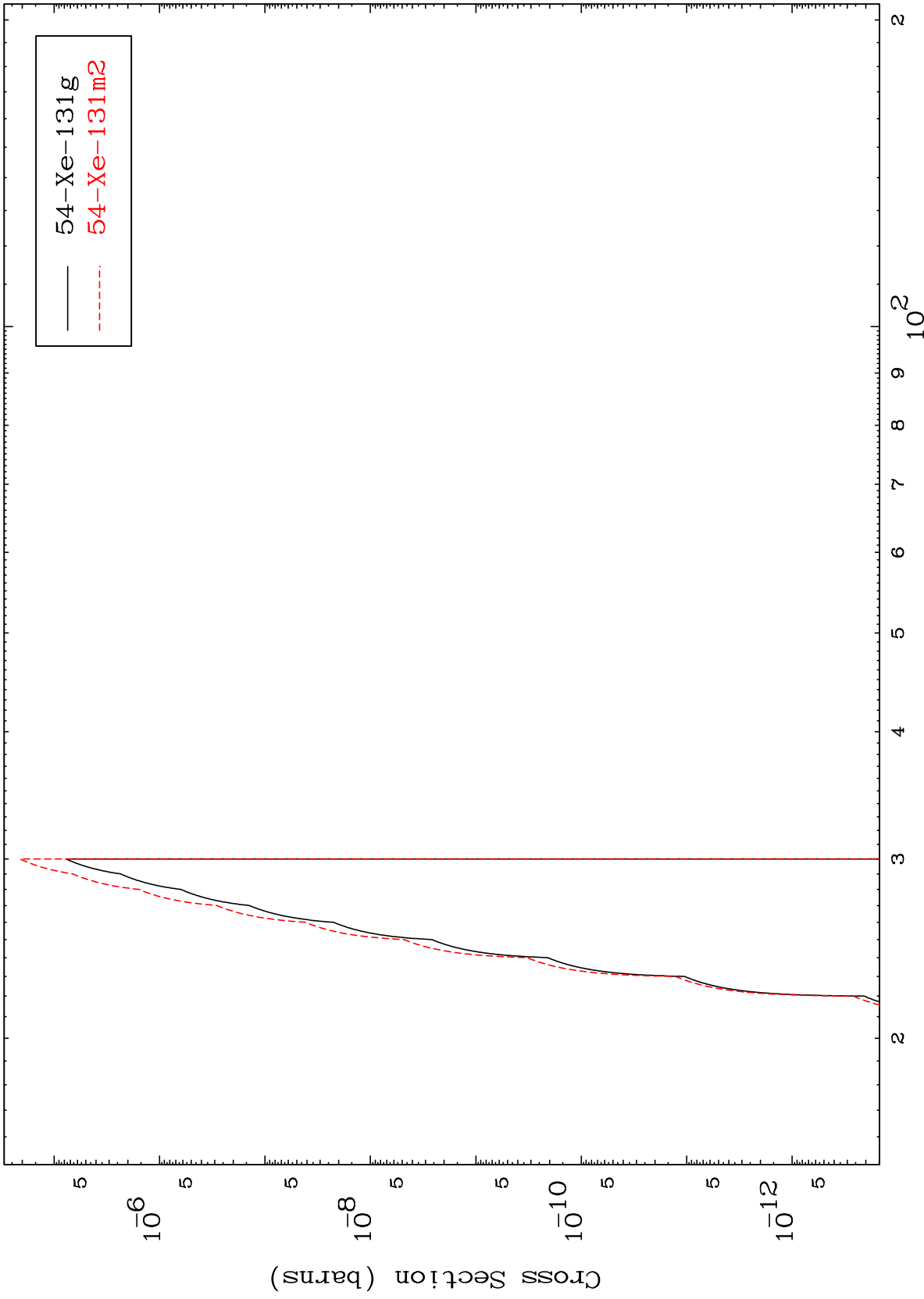
56-Ba-134

MAT 5637

(n, n') He-3

56-Ba-134

Radionuclide Production Cross Section



132

Incident Energy (MeV)

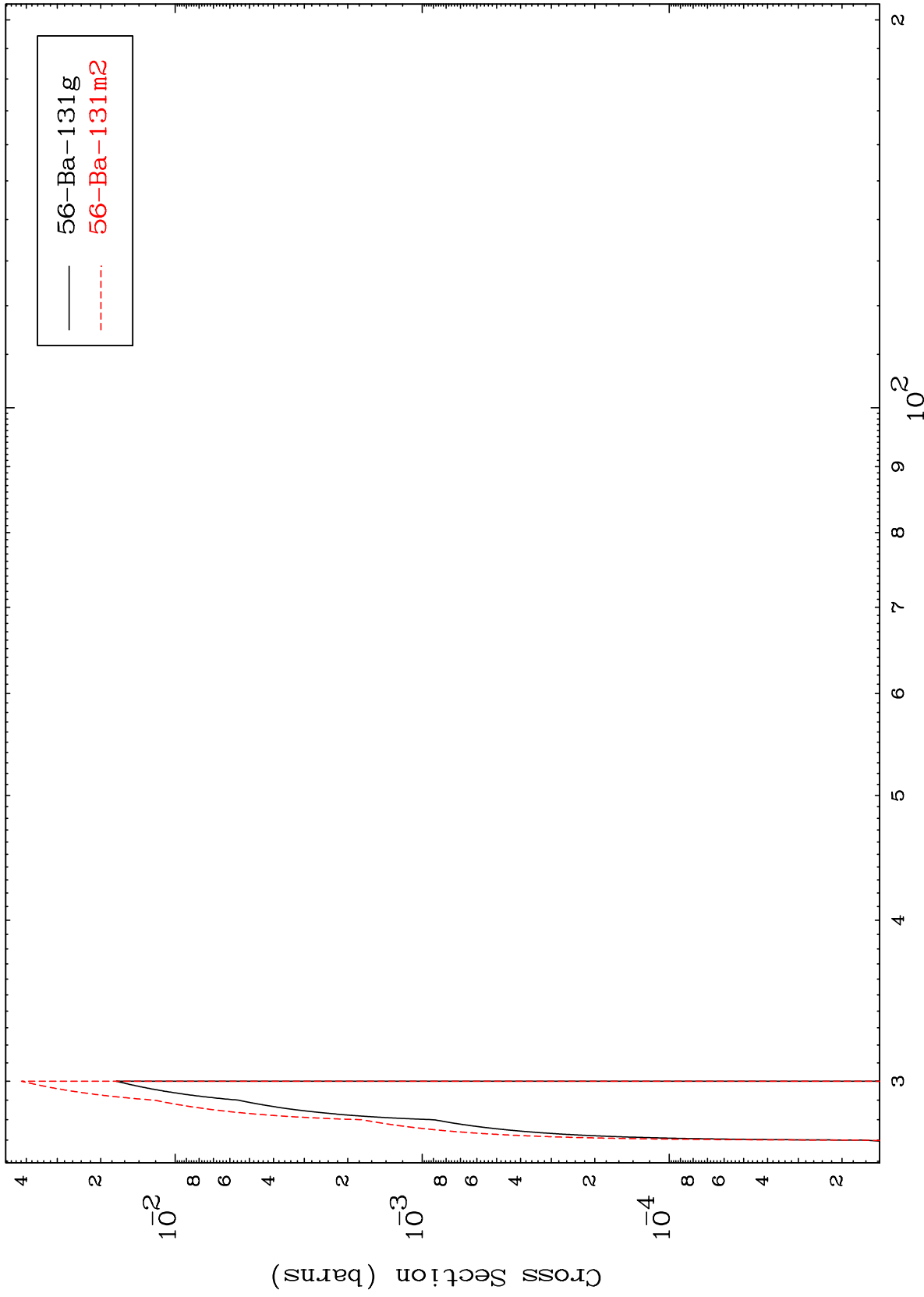
56-Ba-134

MAT 5637

(n,4n)

56-Ba-134

Radionuclide Production Cross Section



133

Incident Energy (MeV)

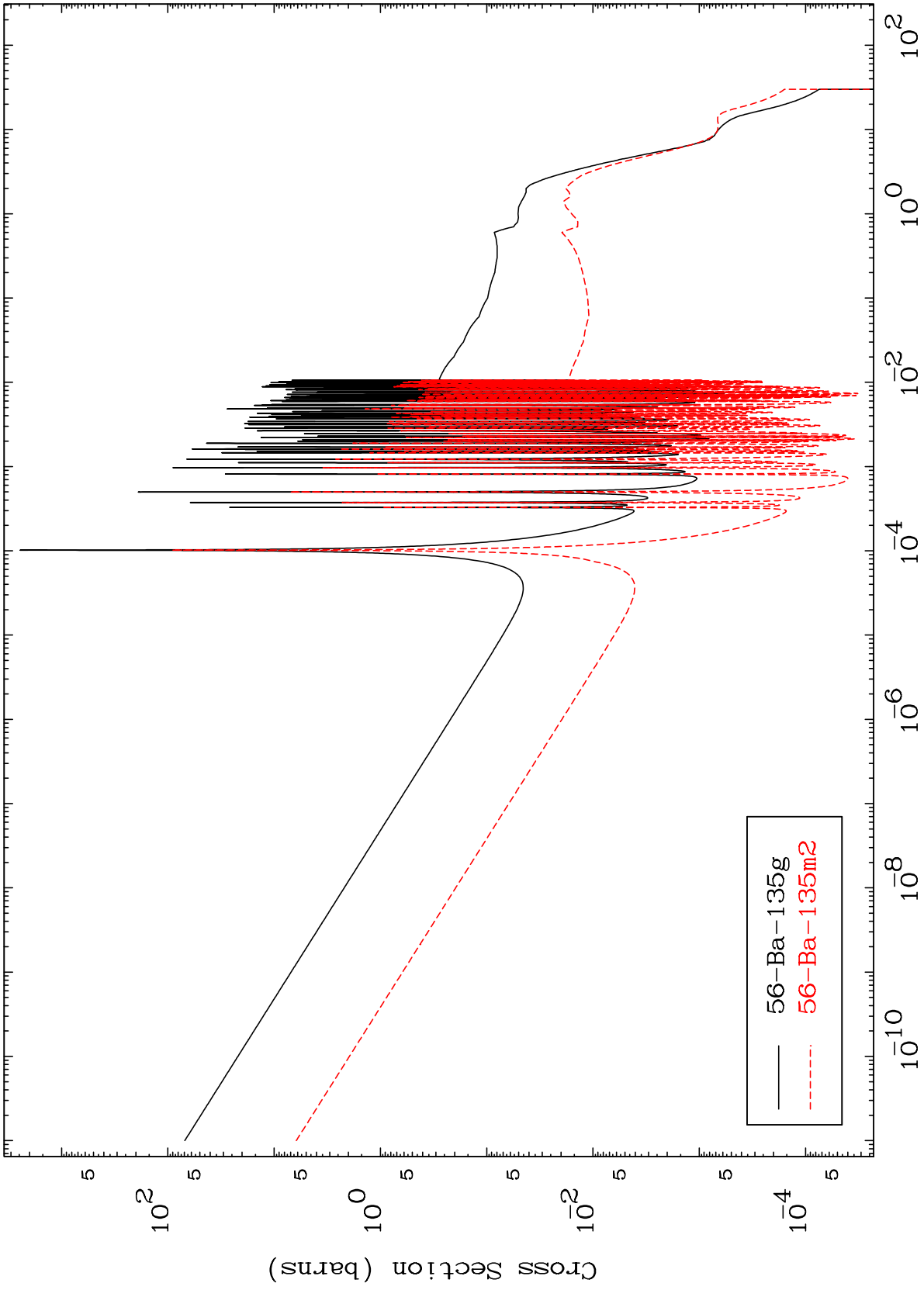
56-Ba-134

MAT 5637

56-Ba-134

Radionuclide Production Cross Section

(n,γ)



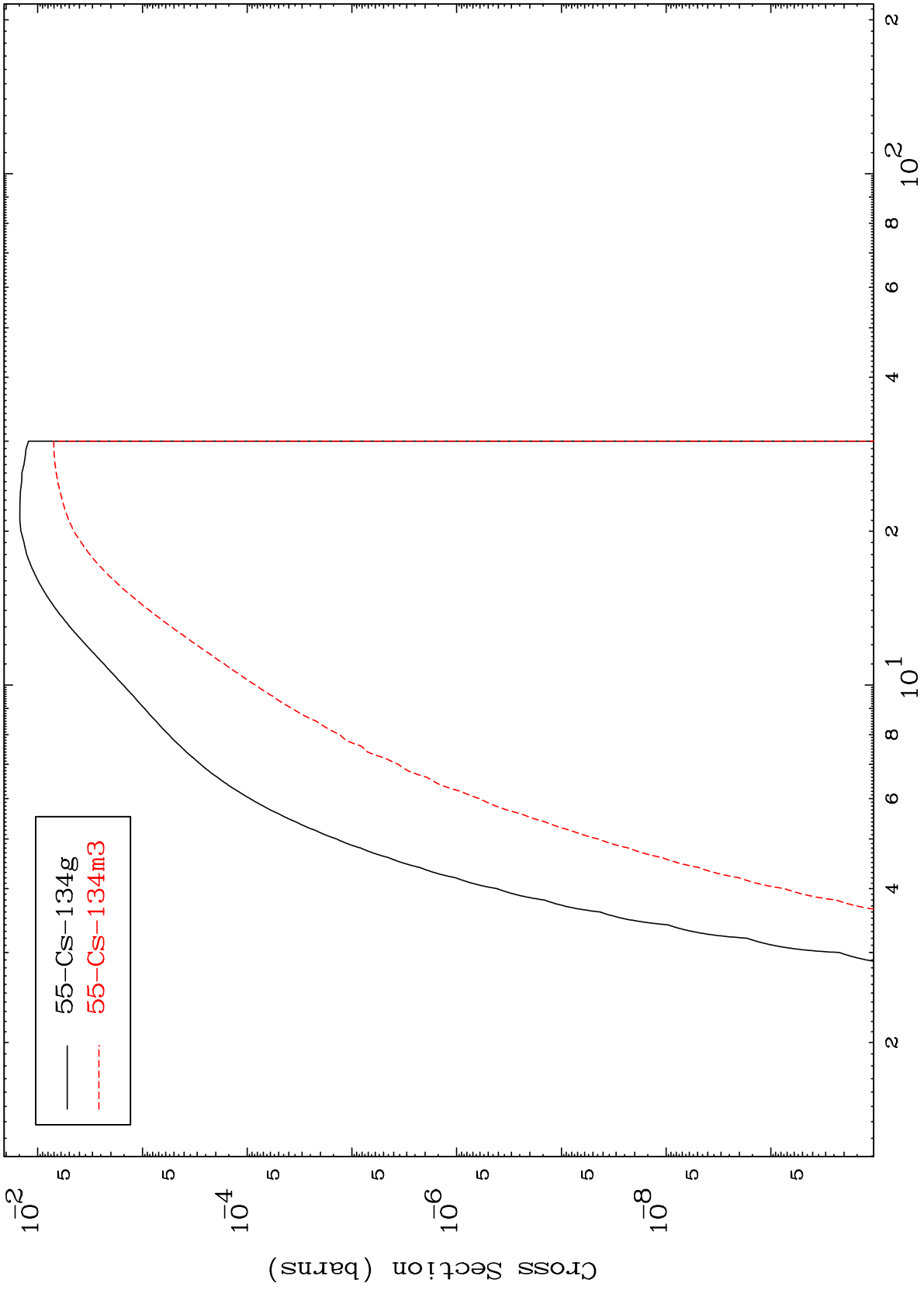
134

56-Ba-134

MAT 5637

56-Ba-134

(n,p)
Radionuclide Production Cross Section



135

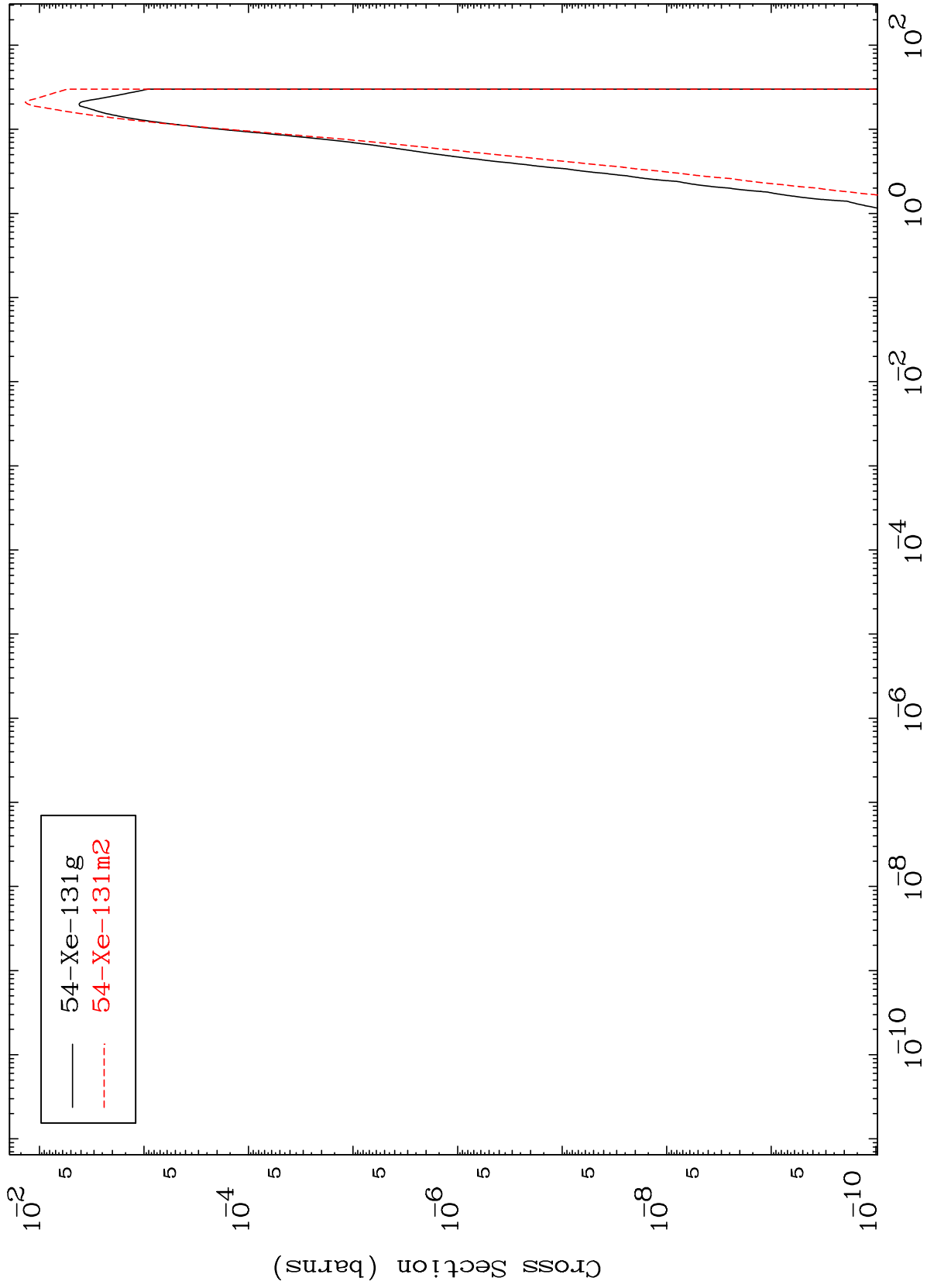
56-Ba-134

MAT 5637

(n, α)

56-Ba-134

Radionuclide Production Cross Section



136

Incident Energy (MeV)

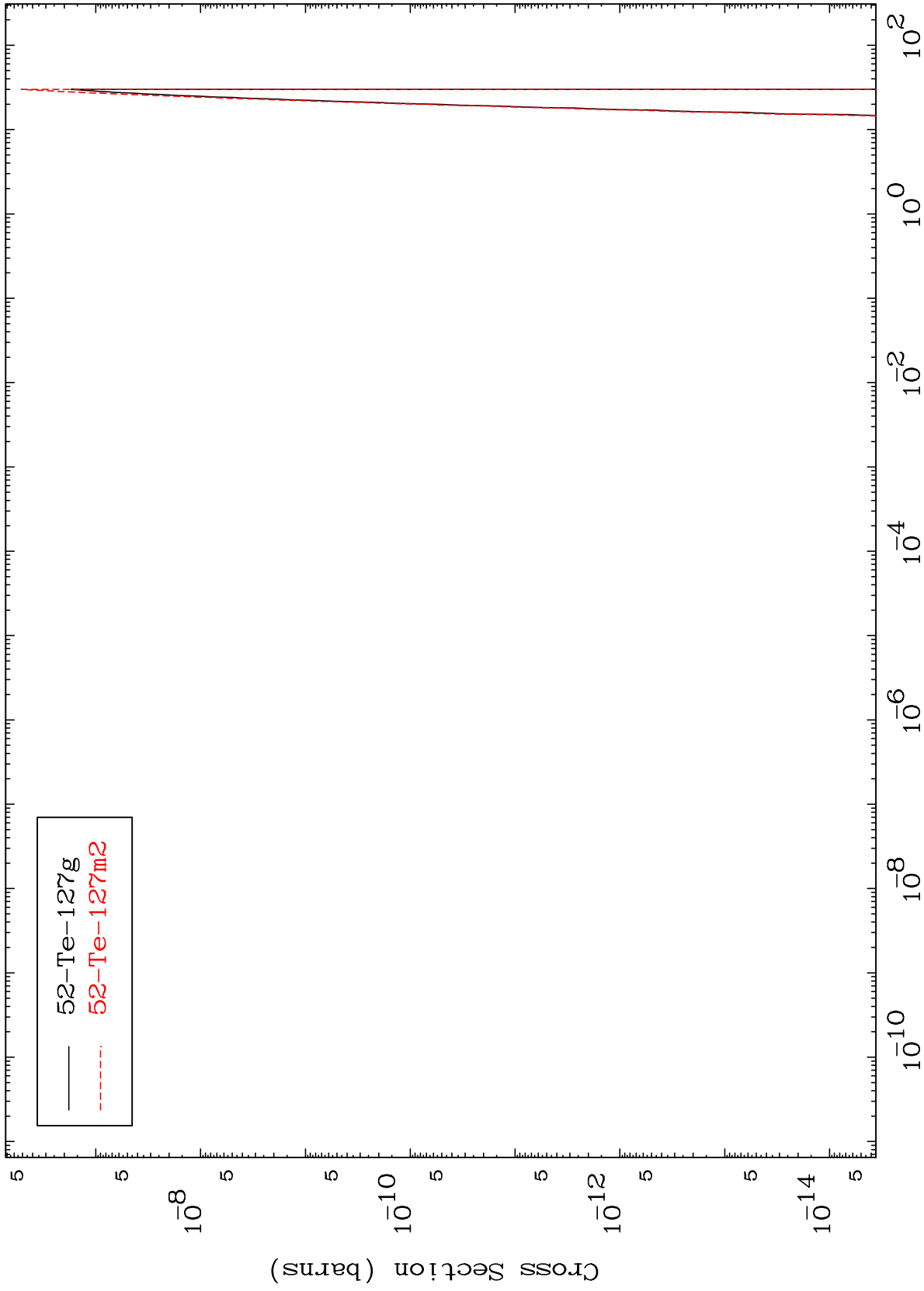
56-Ba-134

MAT 5637

(n, 2α)

56-Ba-134

Radionuclide Production Cross Section



137

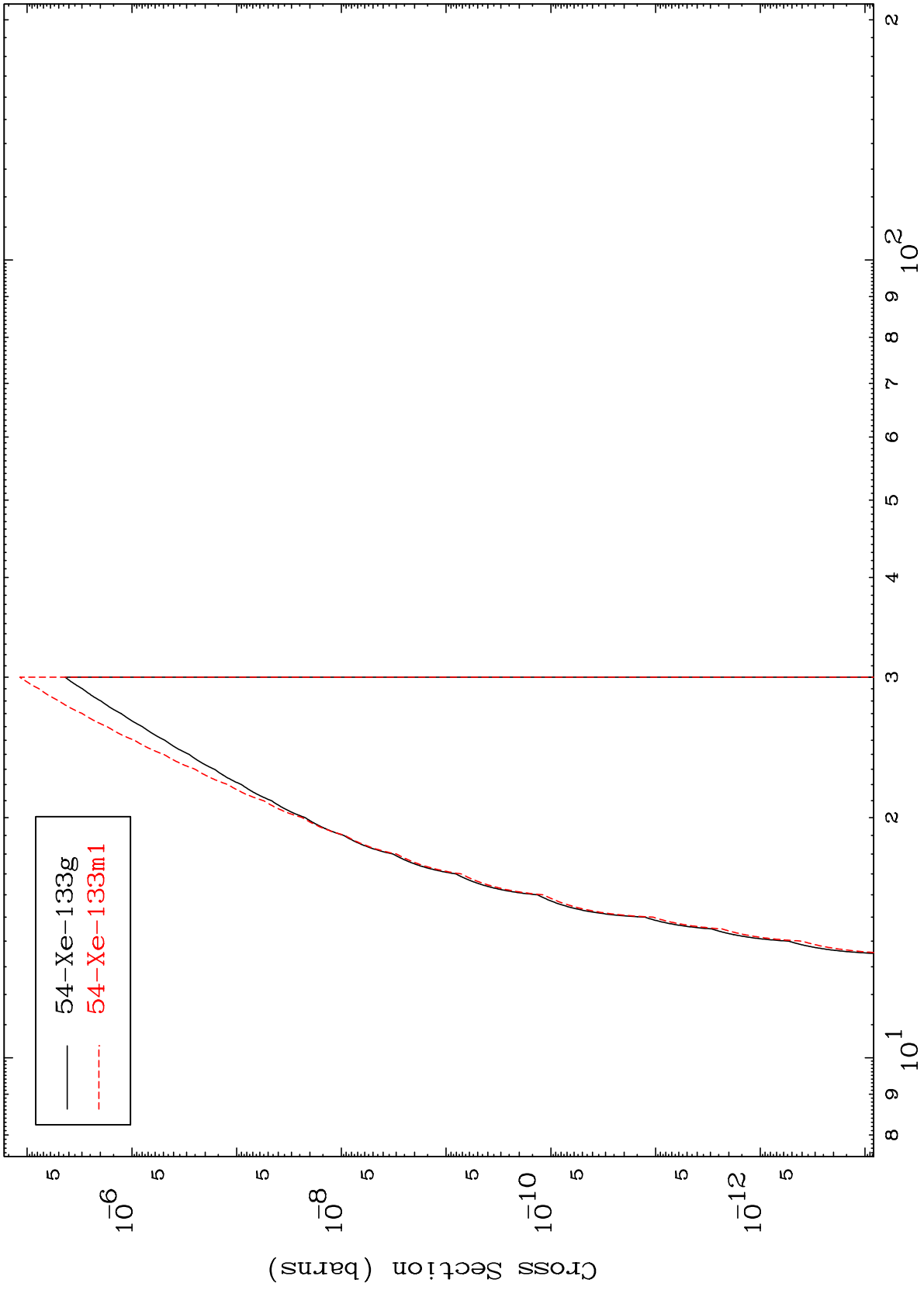
Incident Energy (MeV)

56-Ba-134

MAT 5637

56-Ba-134

(n,2p)
Radionuclide Production Cross Section



138

Incident Energy (MeV)

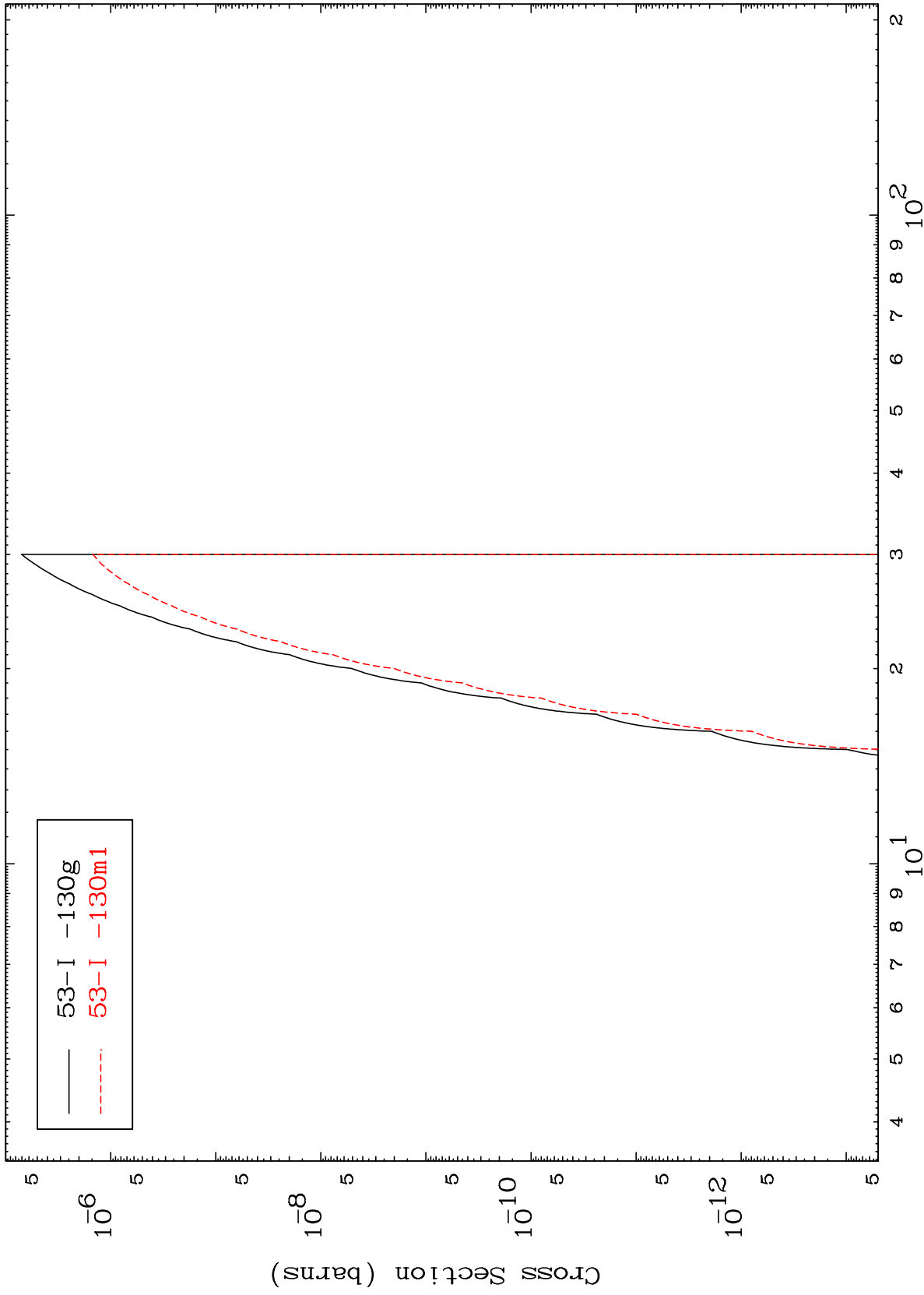
56-Ba-134

MAT 5637

(n,p) α

56-Ba-134

Radionuclide Production Cross Section



139

Incident Energy (MeV)

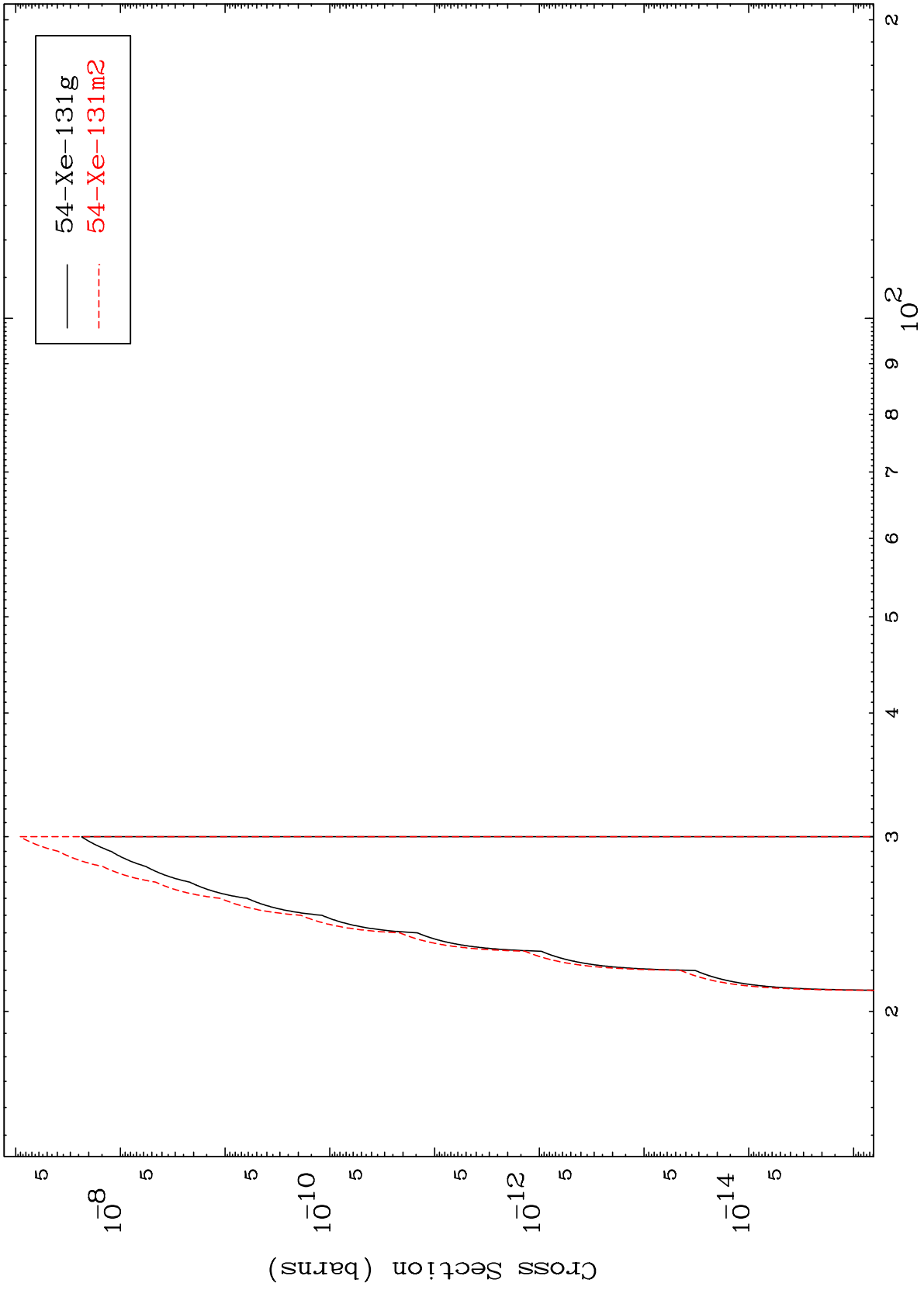
56-Ba-134

MAT 5637

(n,p) t

56-Ba-134

Radionuclide Production Cross Section



140

Incident Energy (MeV)

56-Ba-134