

Program EVALPLOT
(Version 2018-1)

by

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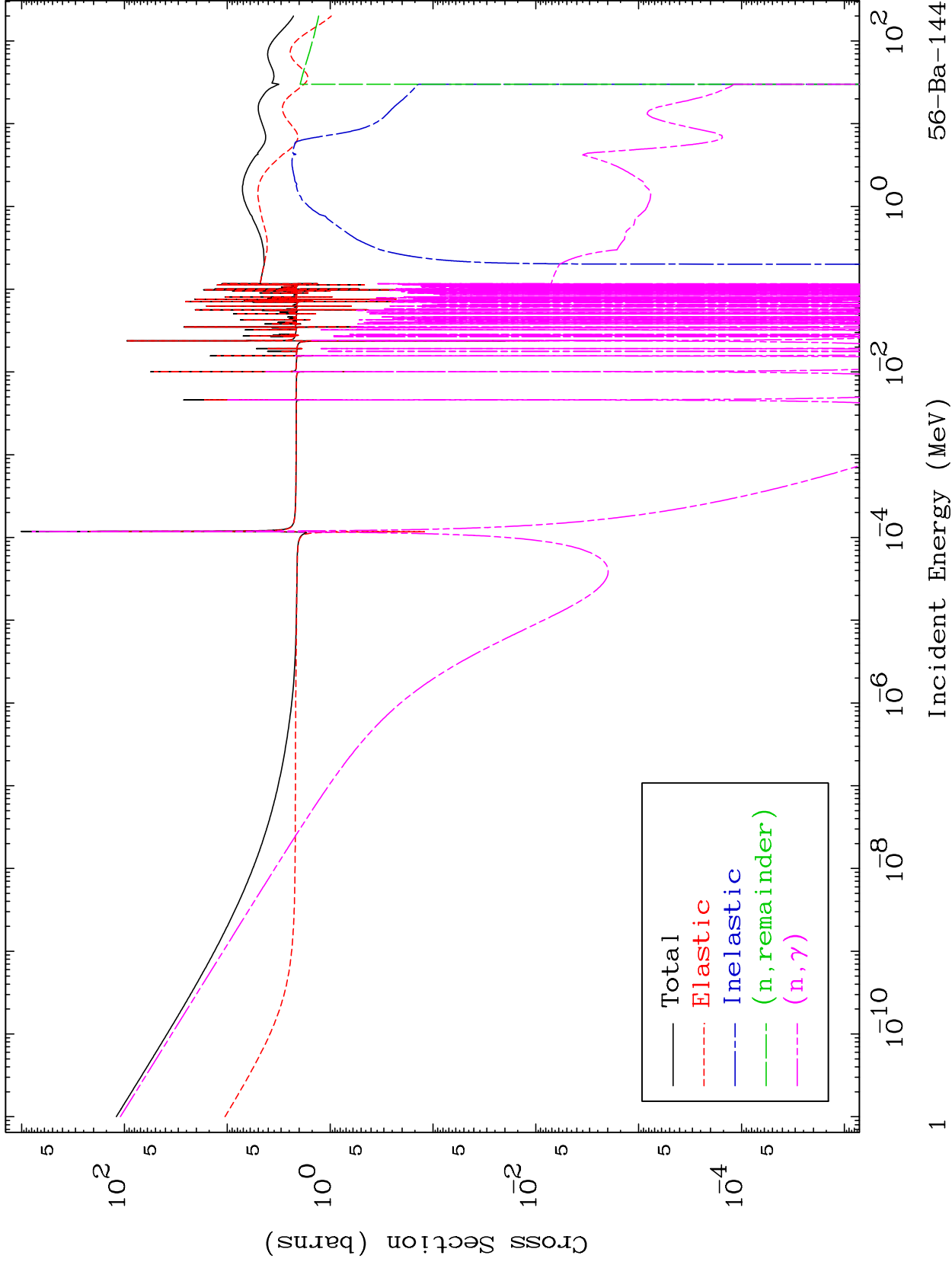
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Press Mouse Button to Start

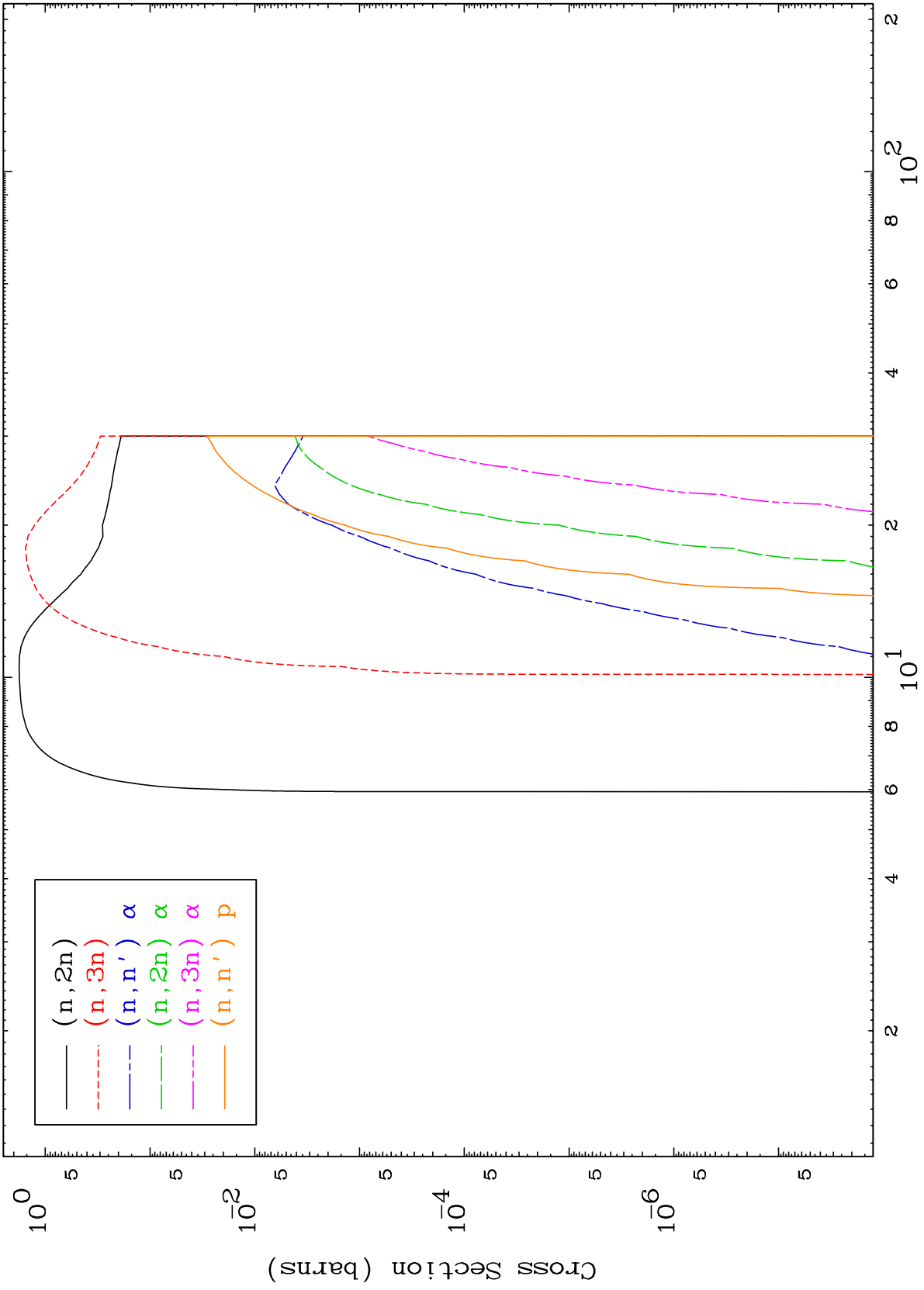
MAT 5667

Major
293 Kelvin Cross Sections

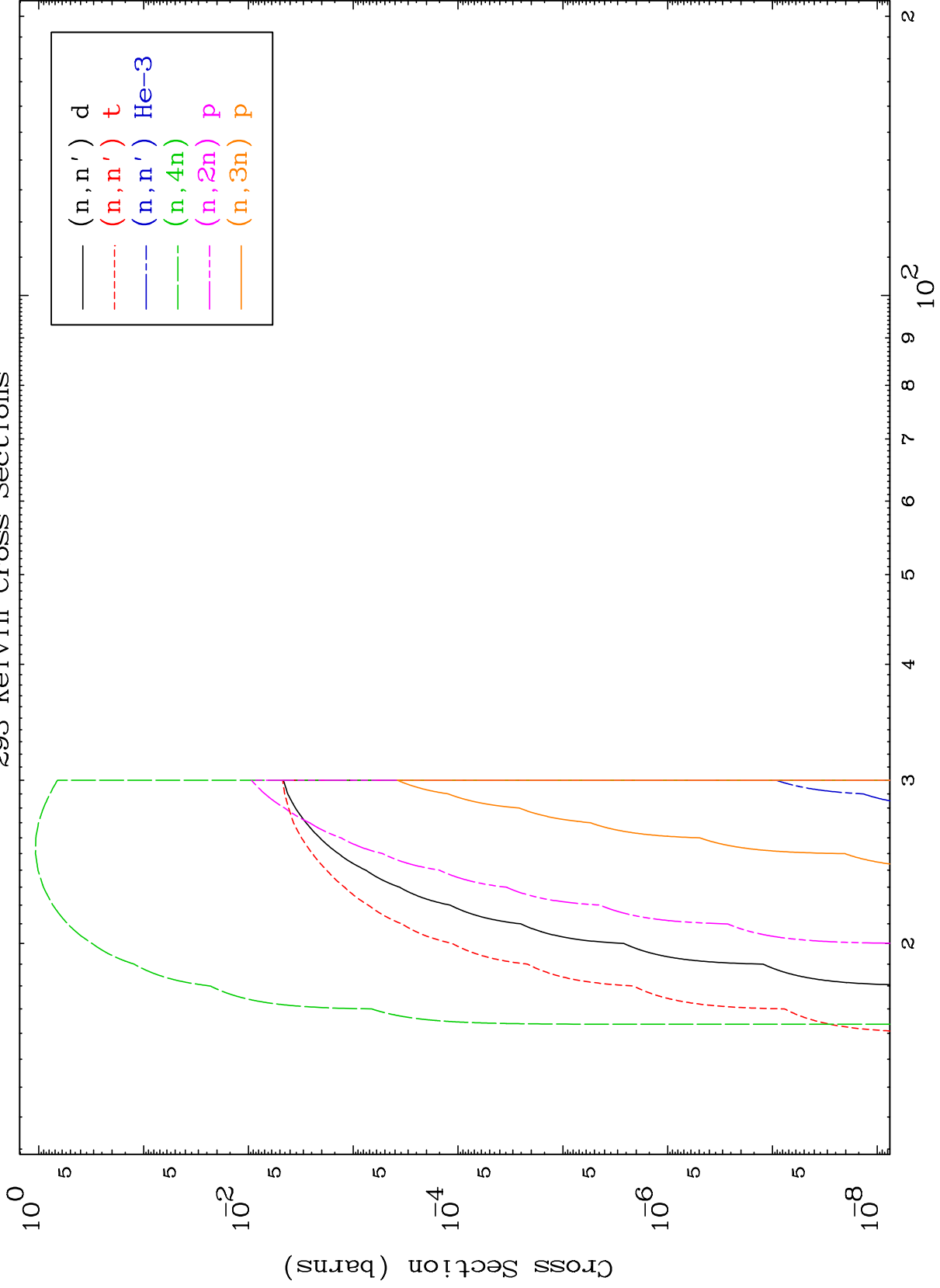
56-Ba-144

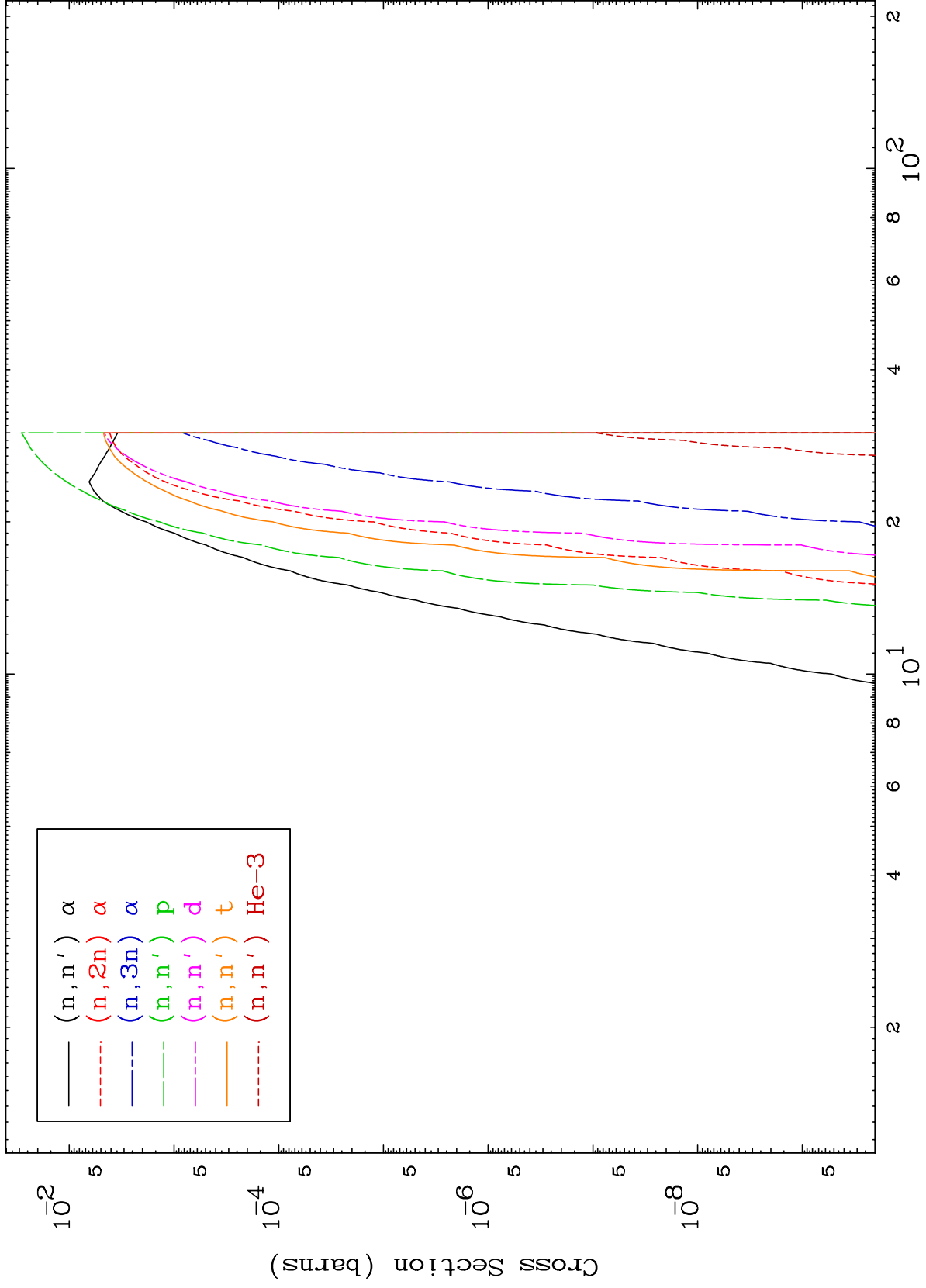


Neutron Production
293 Kelvin Cross Sections



Incident Energy (MeV)

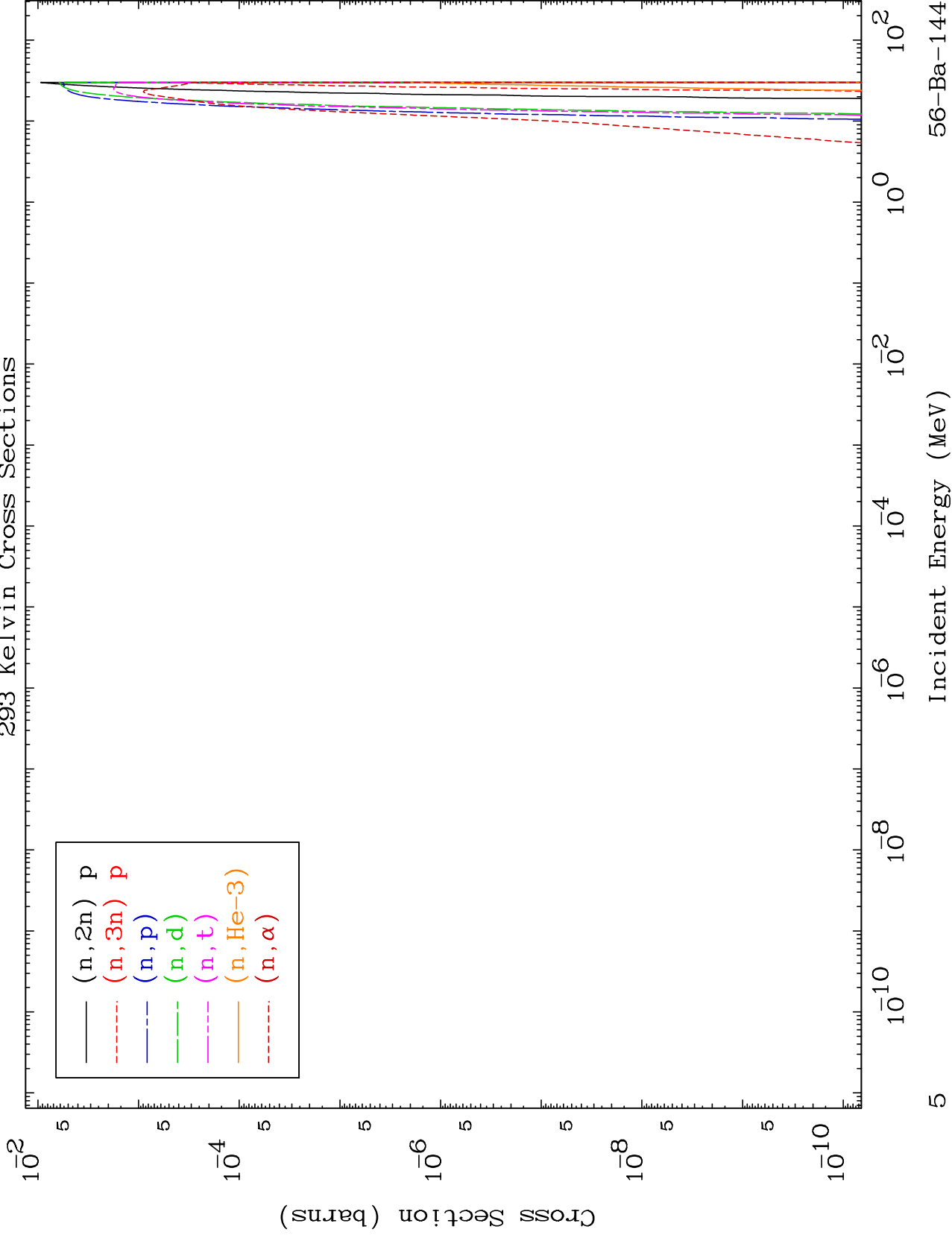




MAT 5667

Charged Particle
293 Kelvin Cross Sections

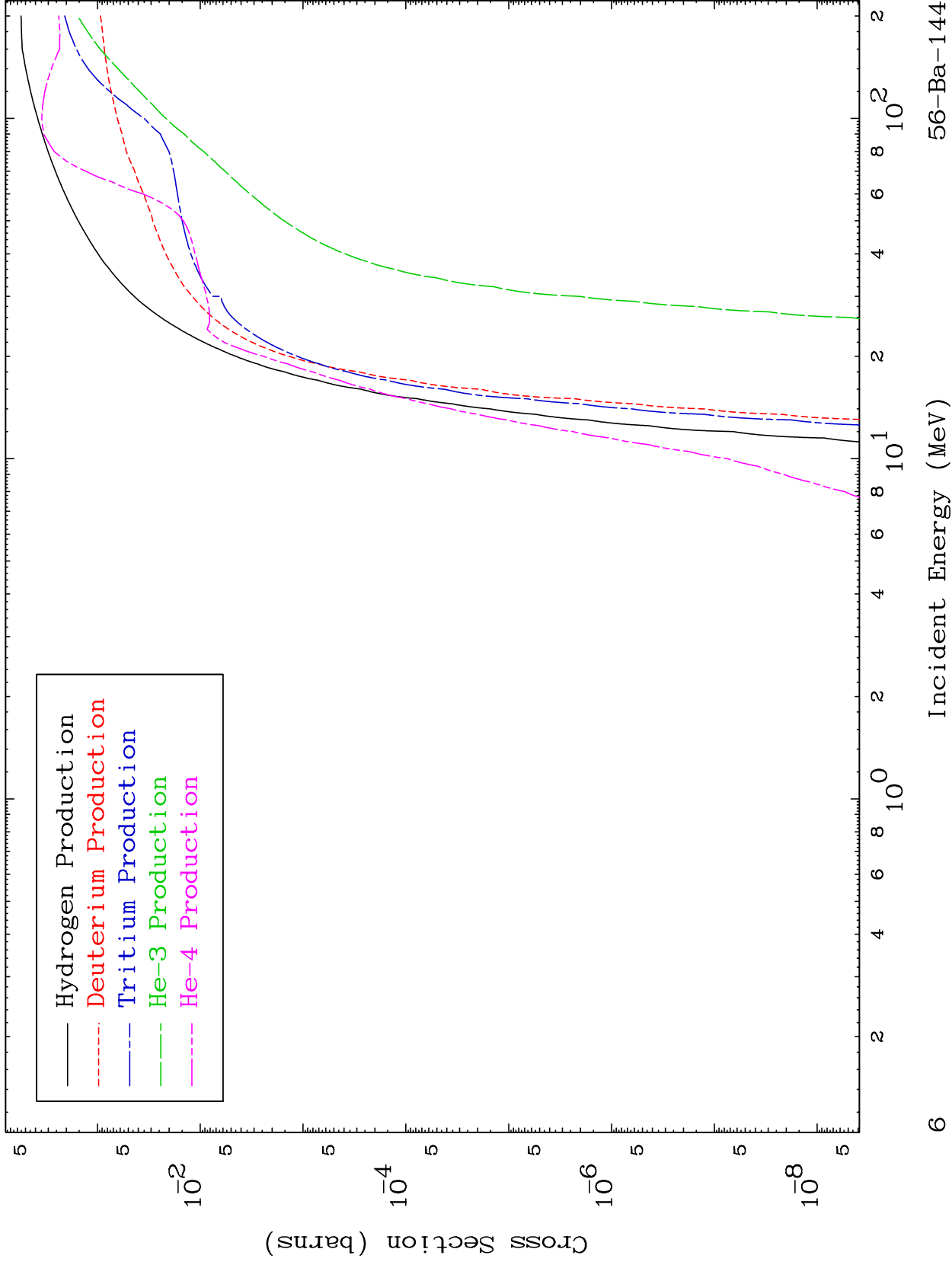
56-Ba-144



MAT 5667

Particle Production
293 Kelvin Cross Sections

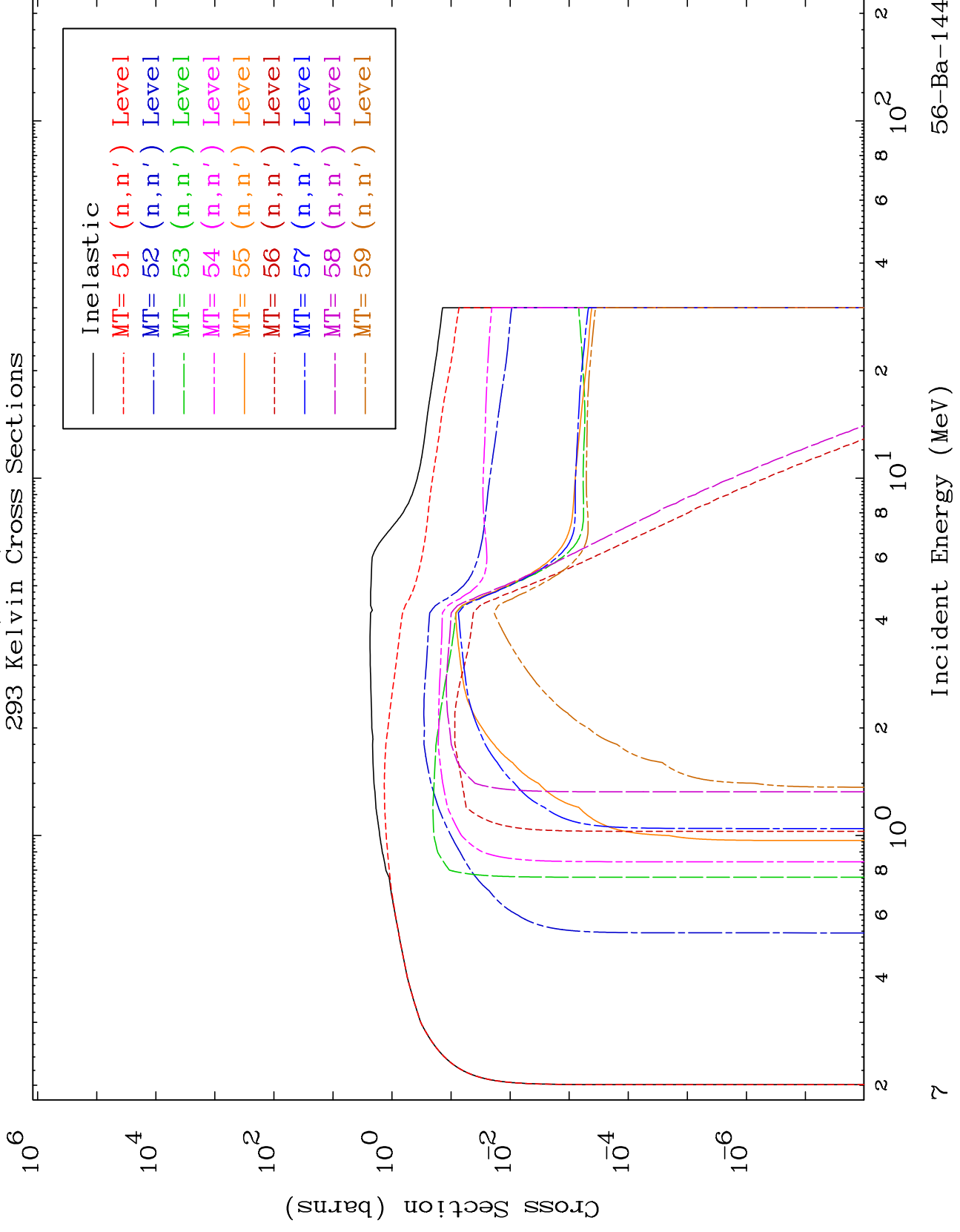
56-Ba-144



MAT 5667

(n,n') Level

56-Ba-144

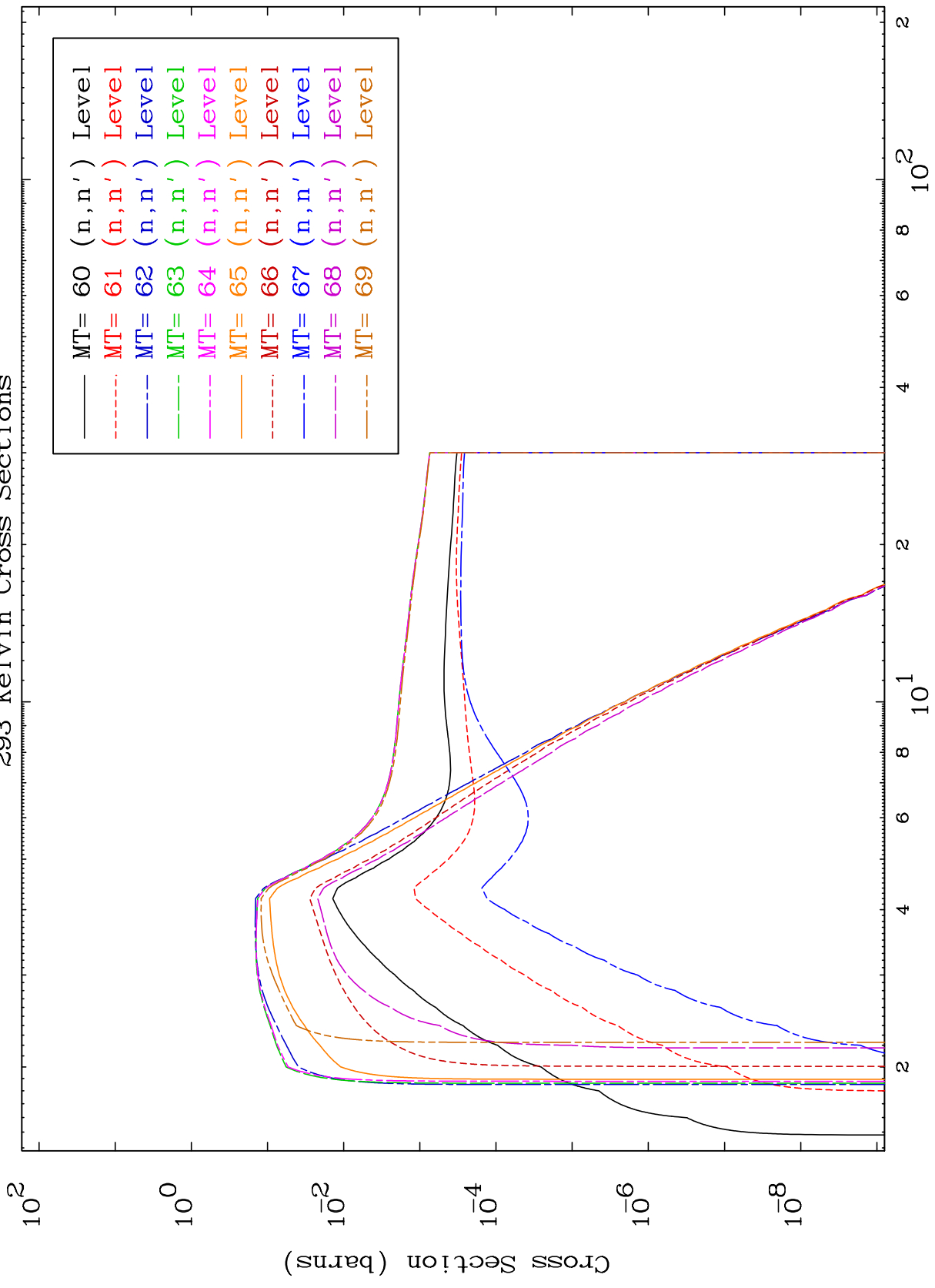


MAT 5667

(n,n') Level

56-Ba-144

293 Kelvin Cross Sections

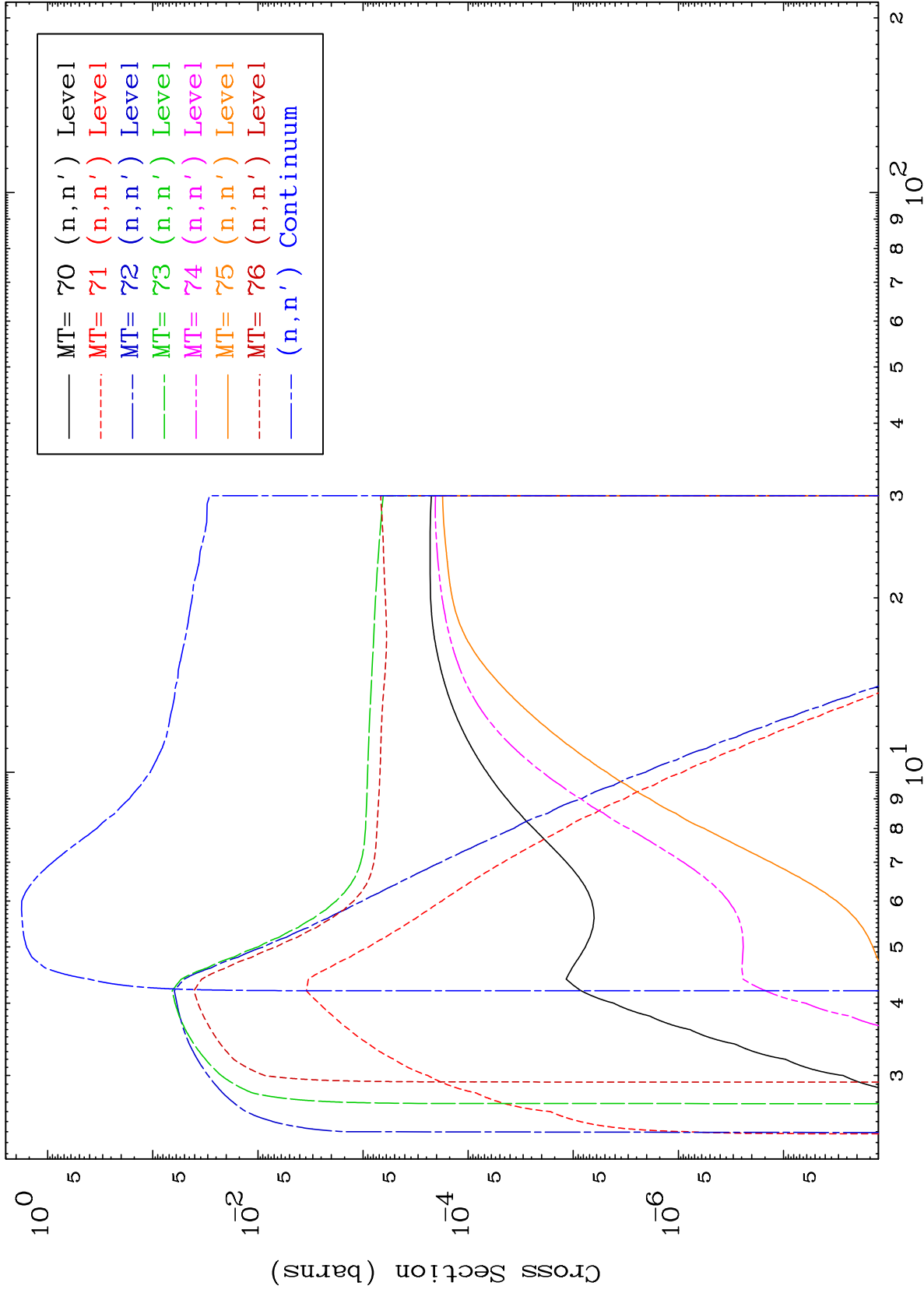


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Incident Energy (MeV)

56-Ba-144

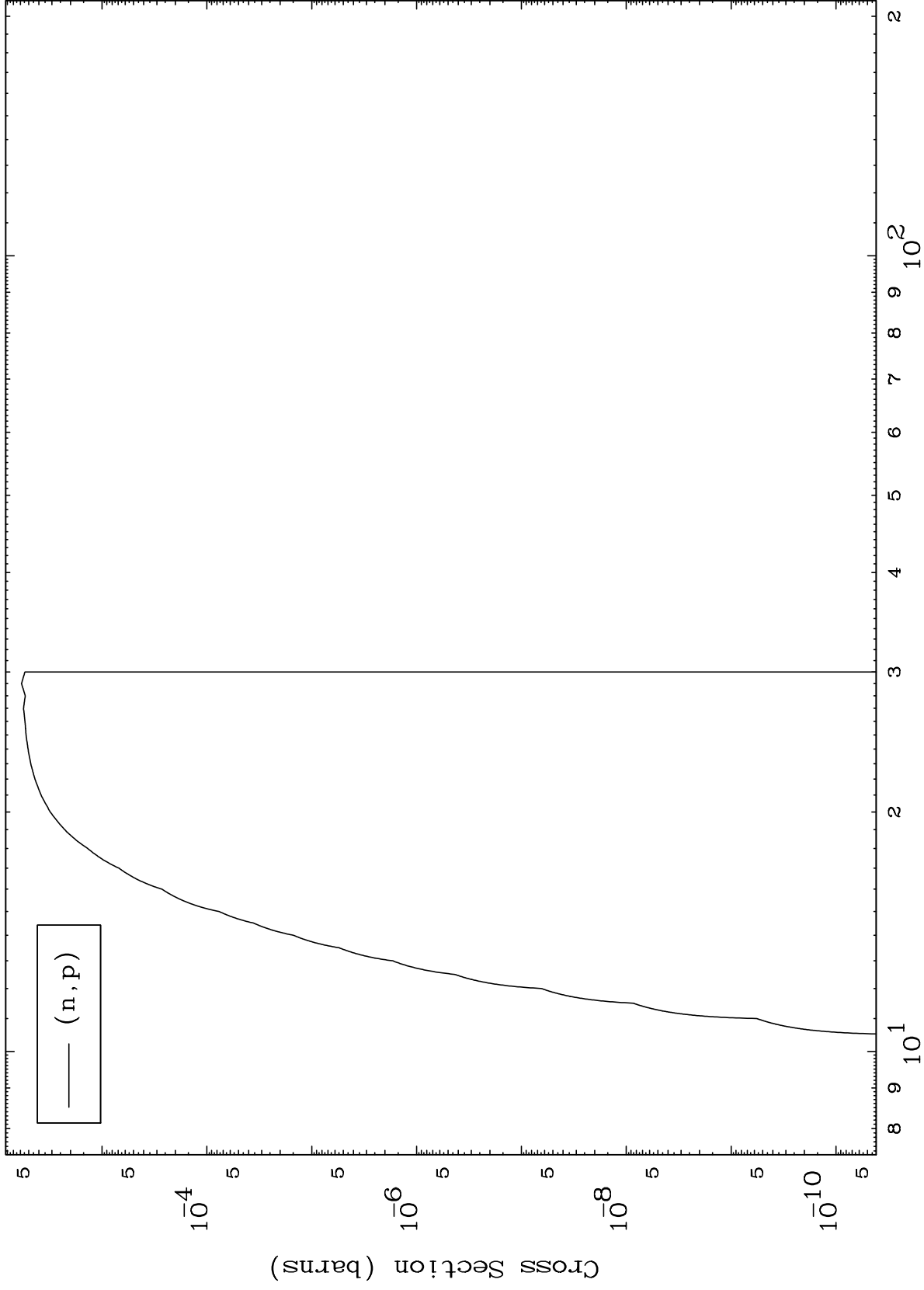
293 Kelvin Cross Sections



MAT 5667

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-144



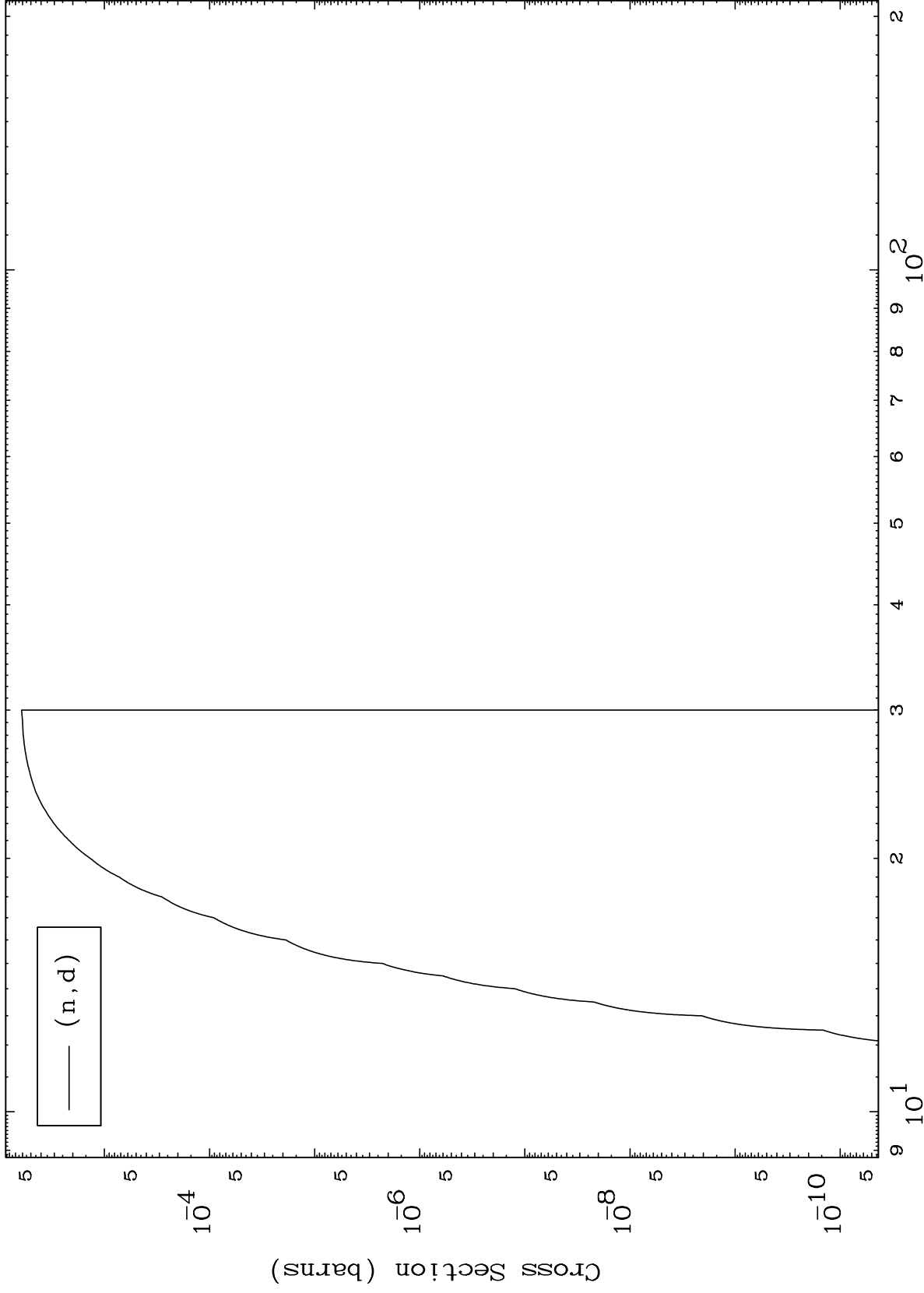
Incident Energy (MeV)

56-Ba-144

MAT 5667

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-144



11

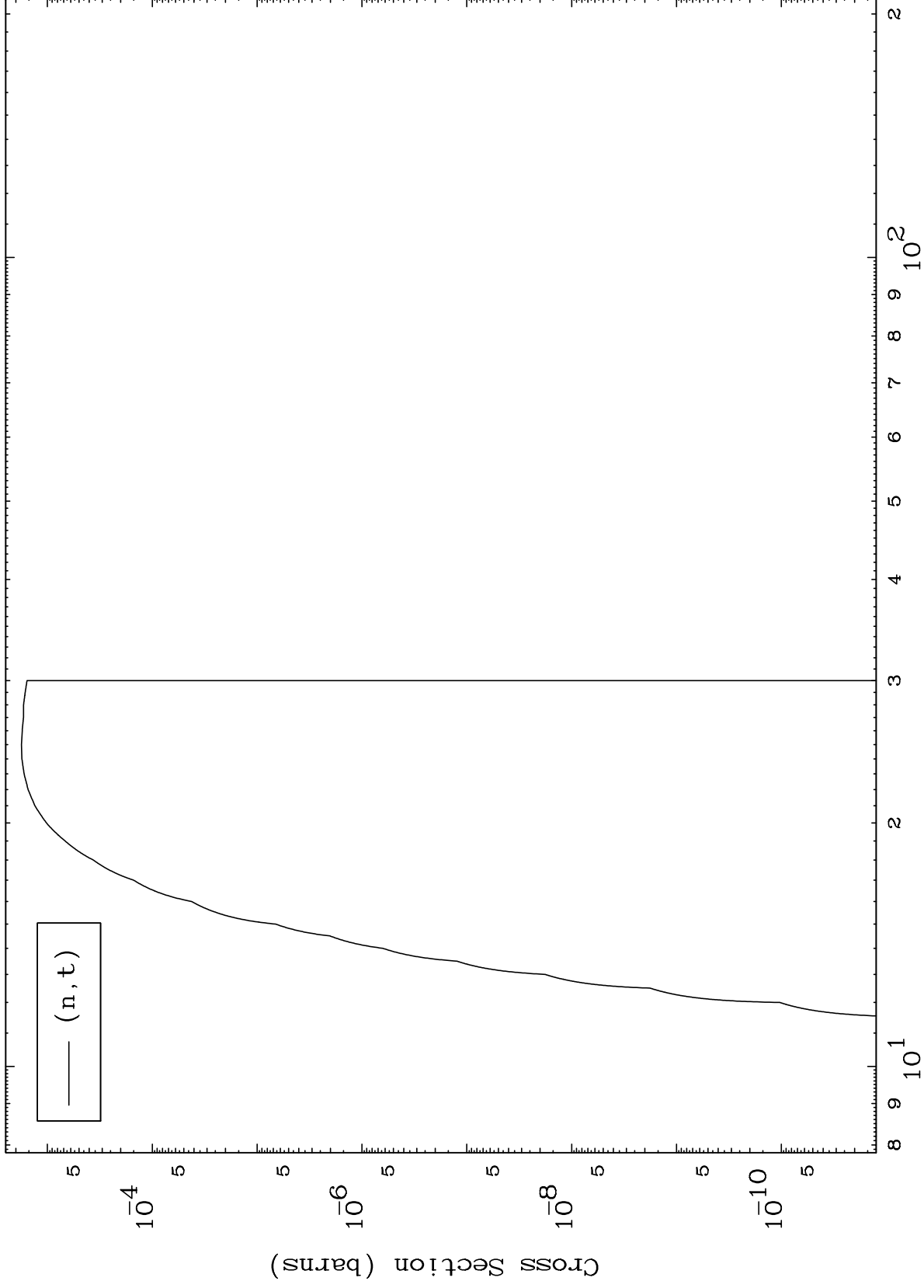
Incident Energy (MeV)

56-Ba-144

MAT 5667

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-144



12

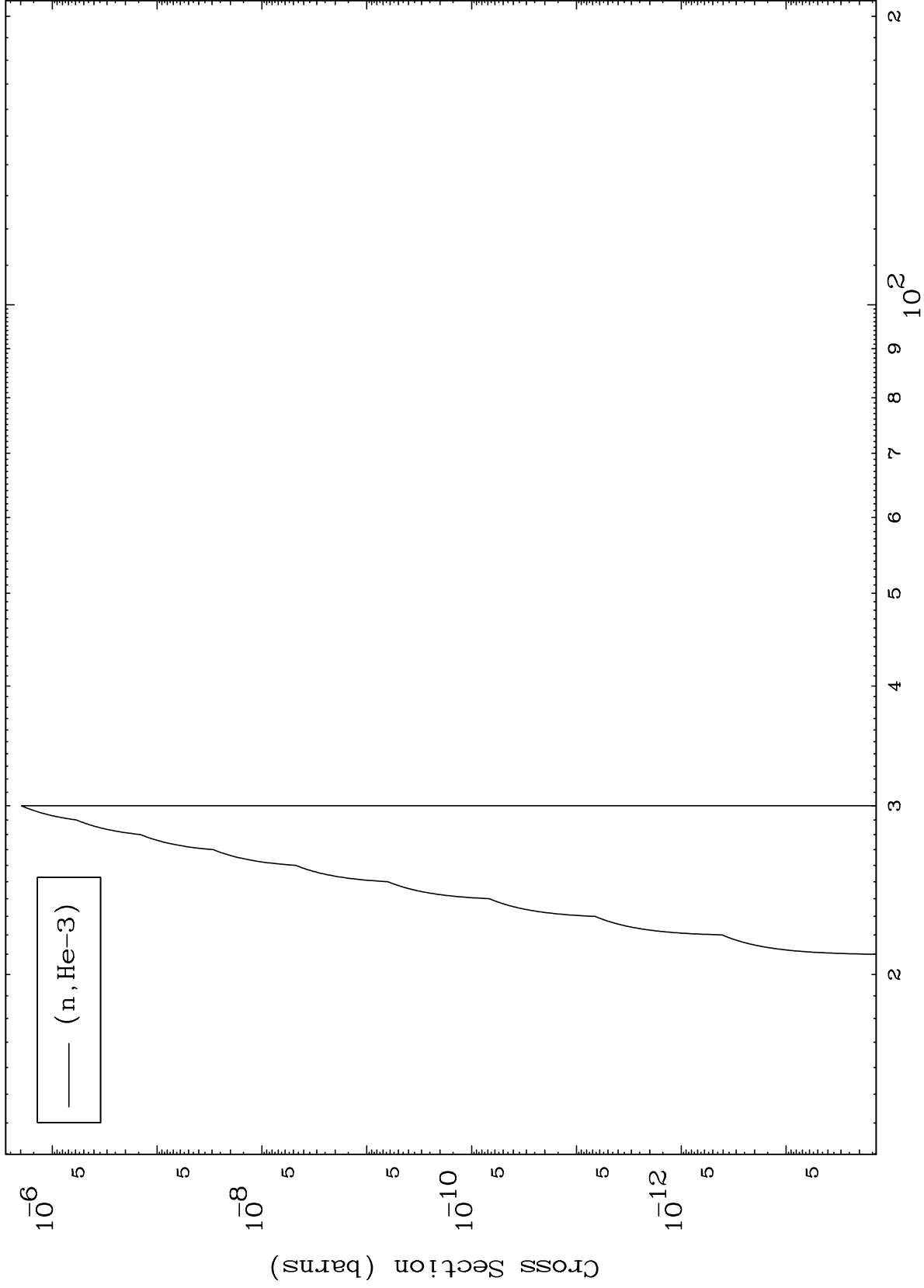
Incident Energy (MeV)

56-Ba-144

MAT 5667

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-144



13

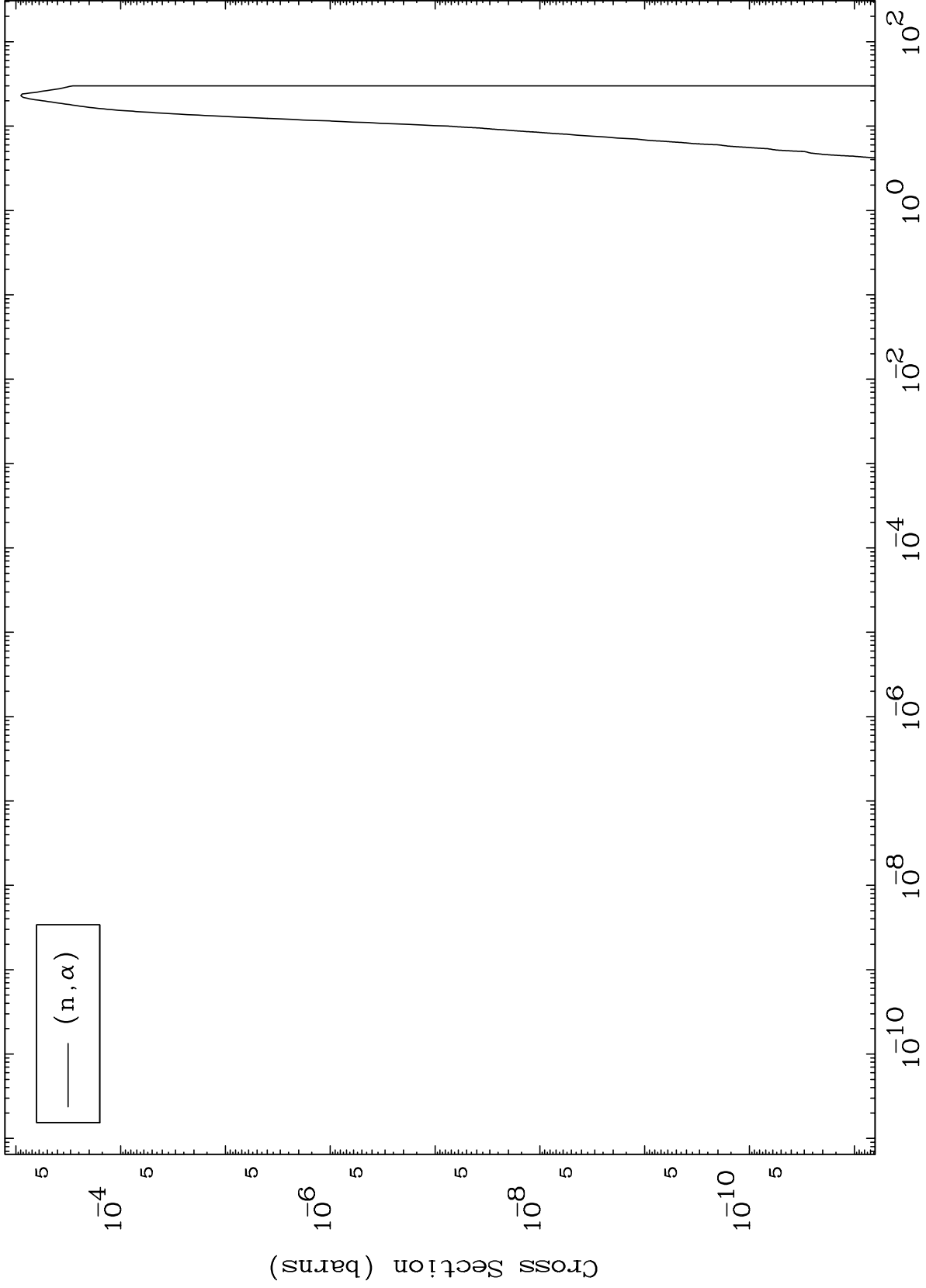
Incident Energy (MeV)

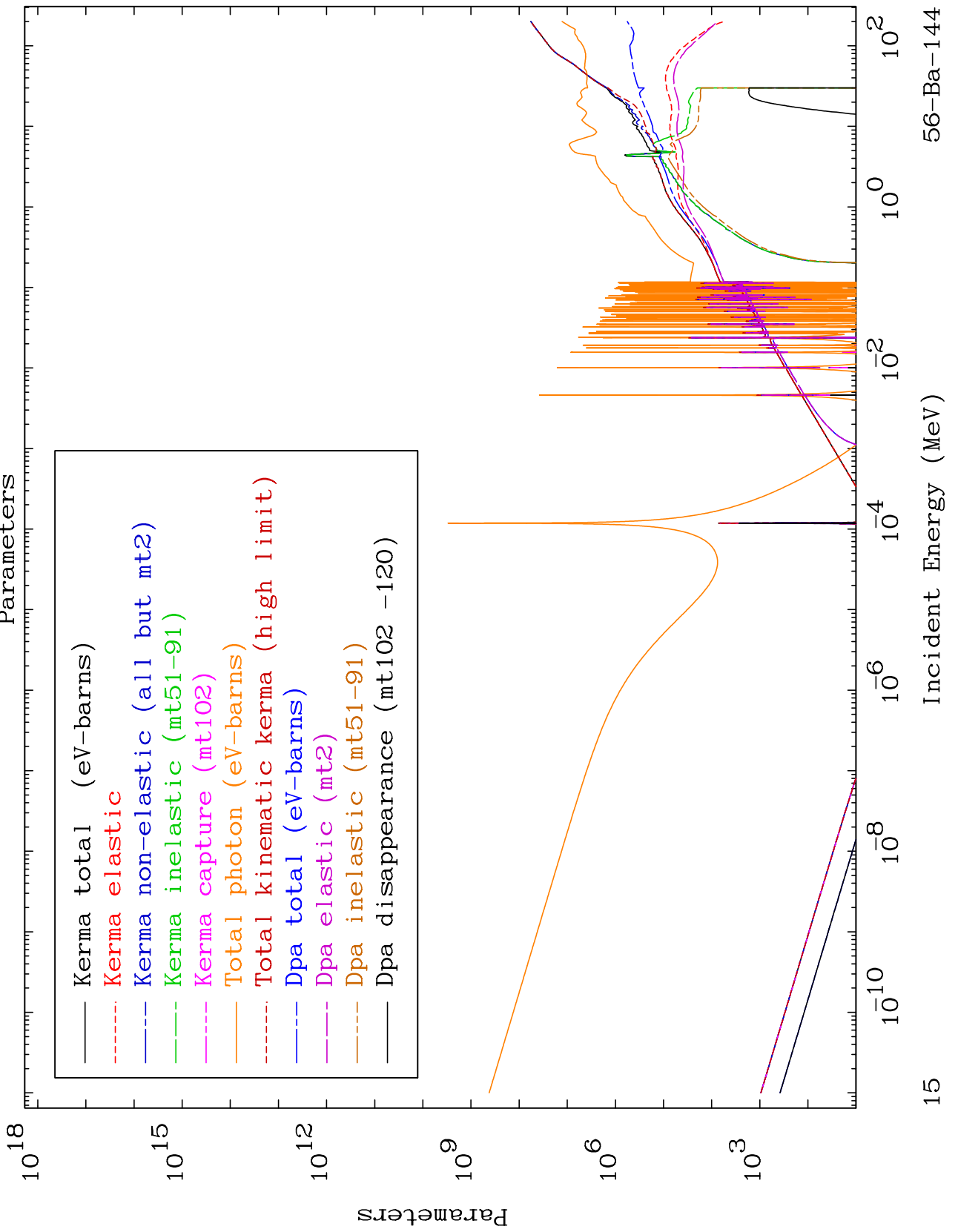
56-Ba-144

MAT 5667

(n, α) Levels
293 Kelvin Cross Sections

56-Ba-144





MAT 5667

56-Ba-144

Elastic Legendre Coefficients



56-Ba-144

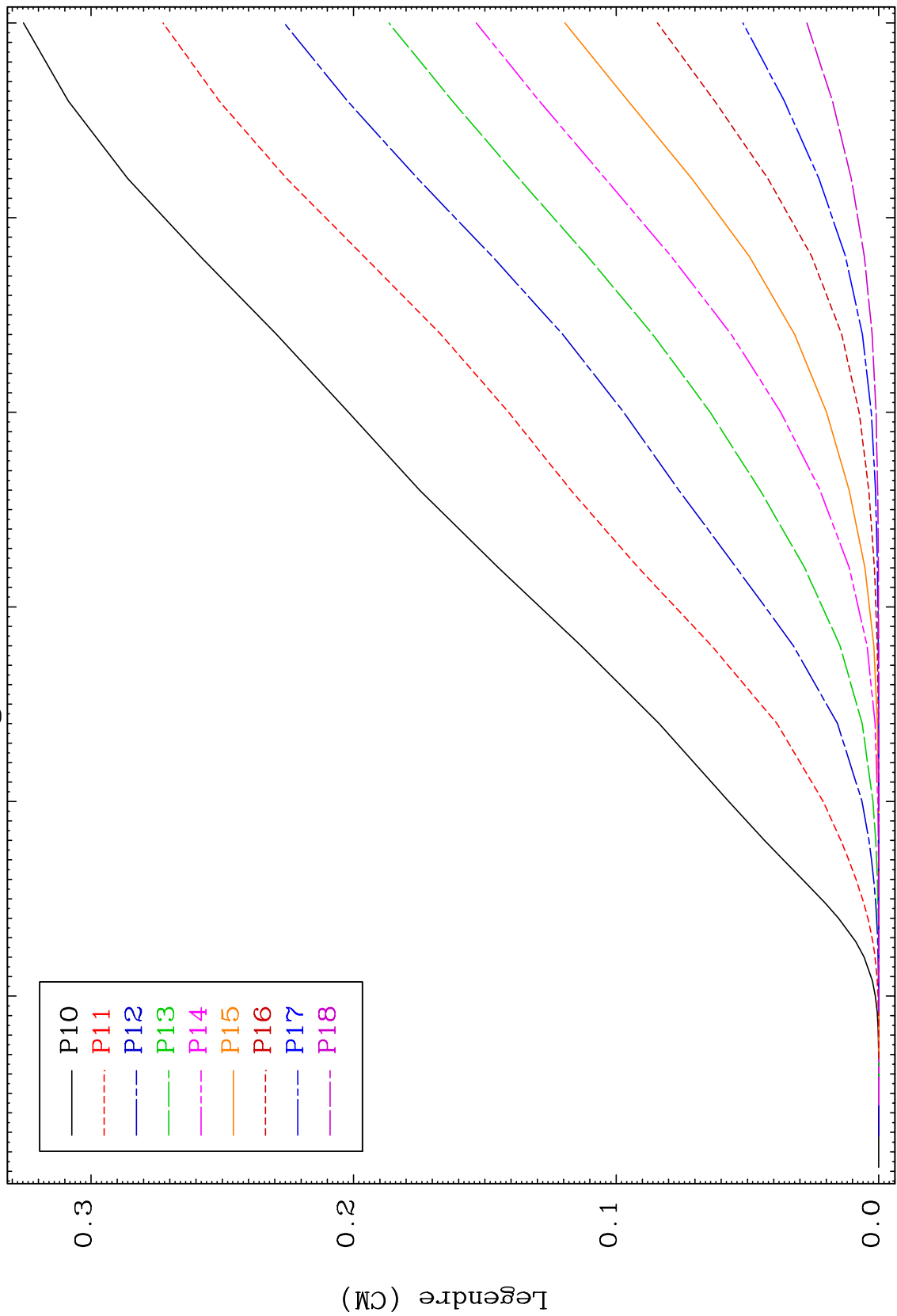
Incident Energy (MeV)

16

MAT 5667

Elastic Legendre Coefficients

56-Ba-144



17

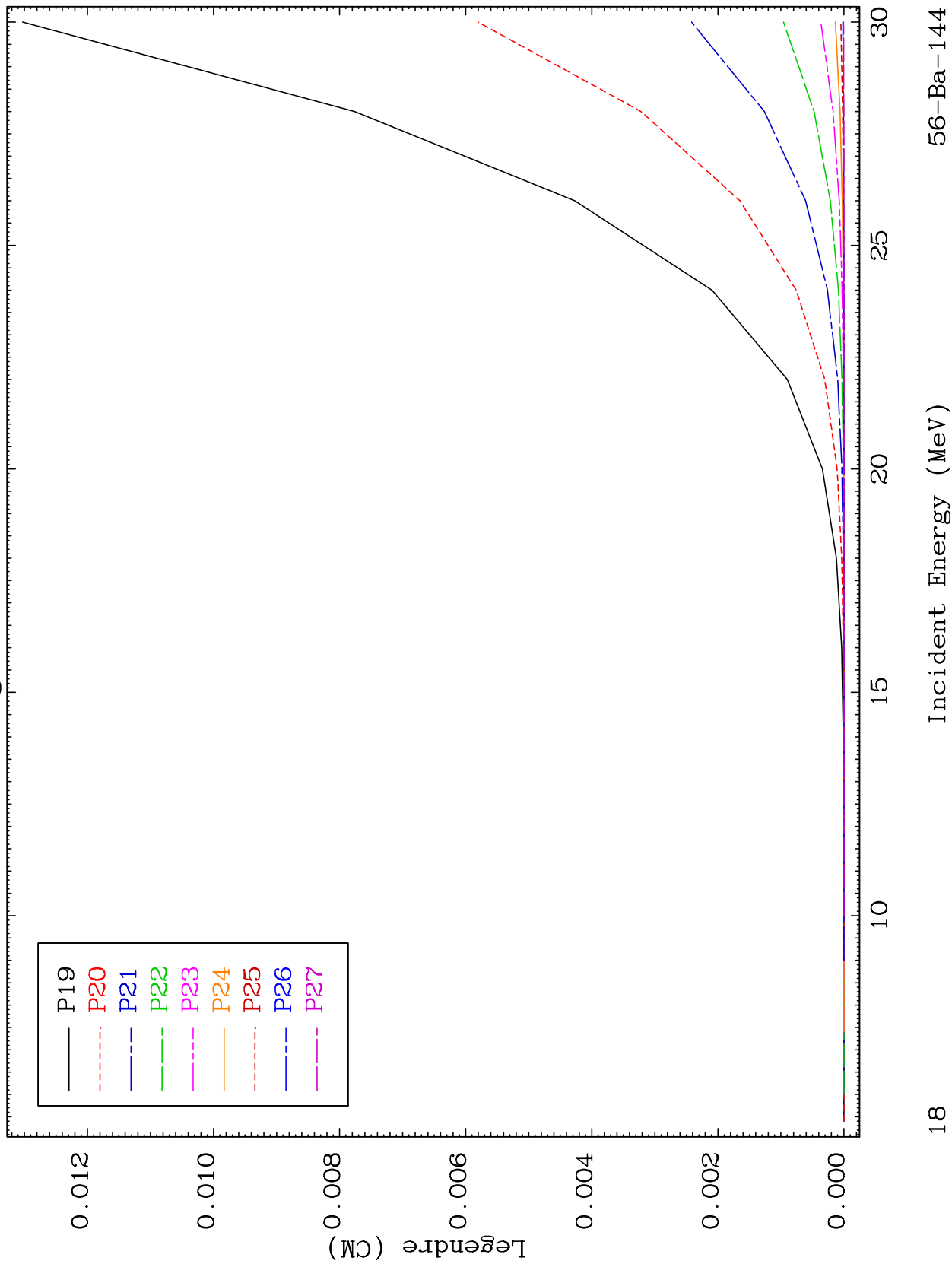
Incident Energy (MeV)

56-Ba-144

MAT 5667

Elastic Legendre Coefficients

56-Ba-144



18

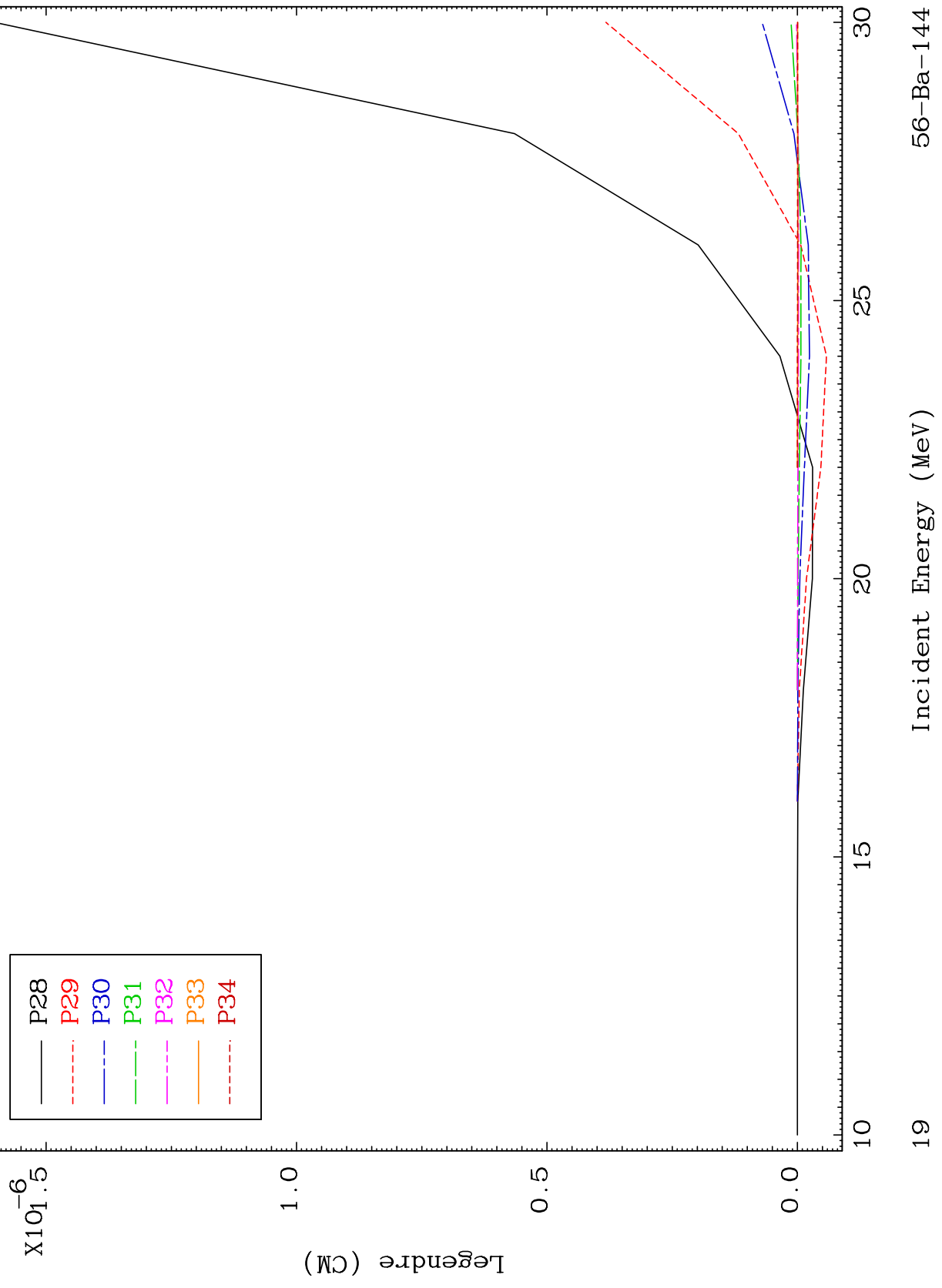
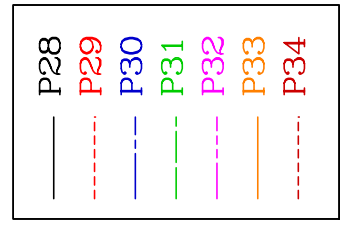
Incident Energy (MeV)

56-Ba-144

MAT 5667

Elastic Legendre Coefficients

56-Ba-144



56-Ba-144

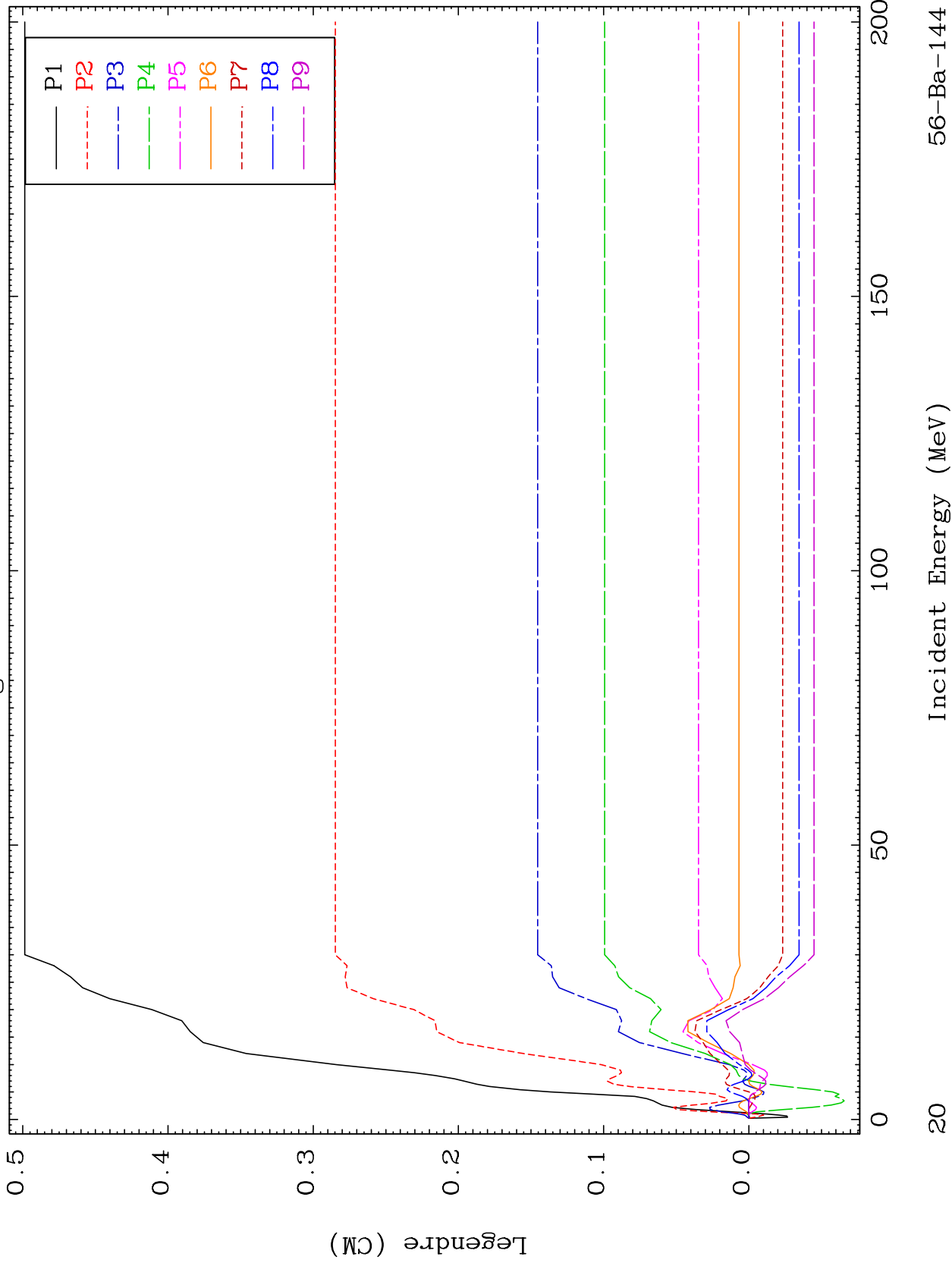
Incident Energy (MeV)

19

MAT 5667

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

56-Ba-144

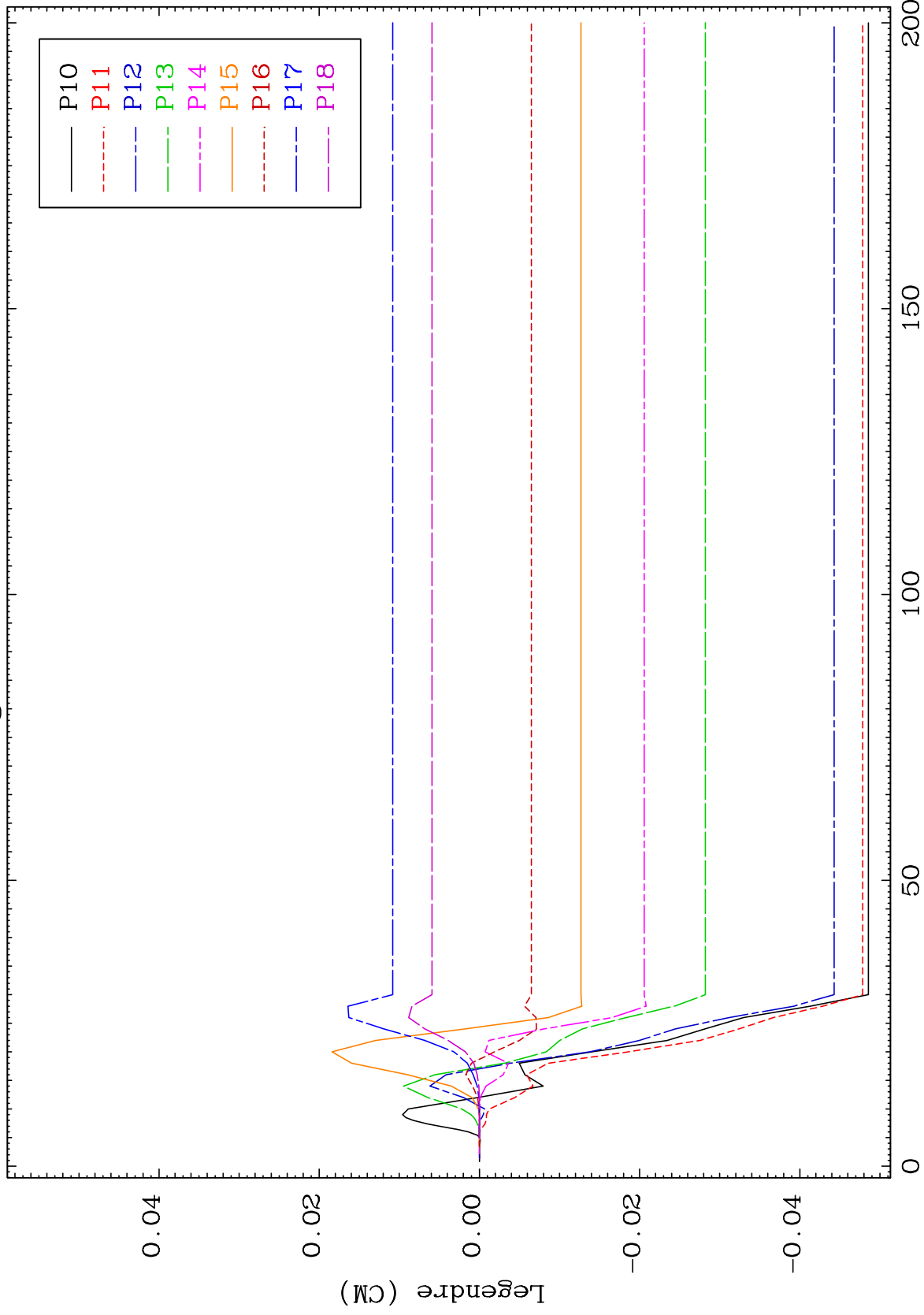


56-Ba-144

MAT 5667

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

56-Ba-144



21

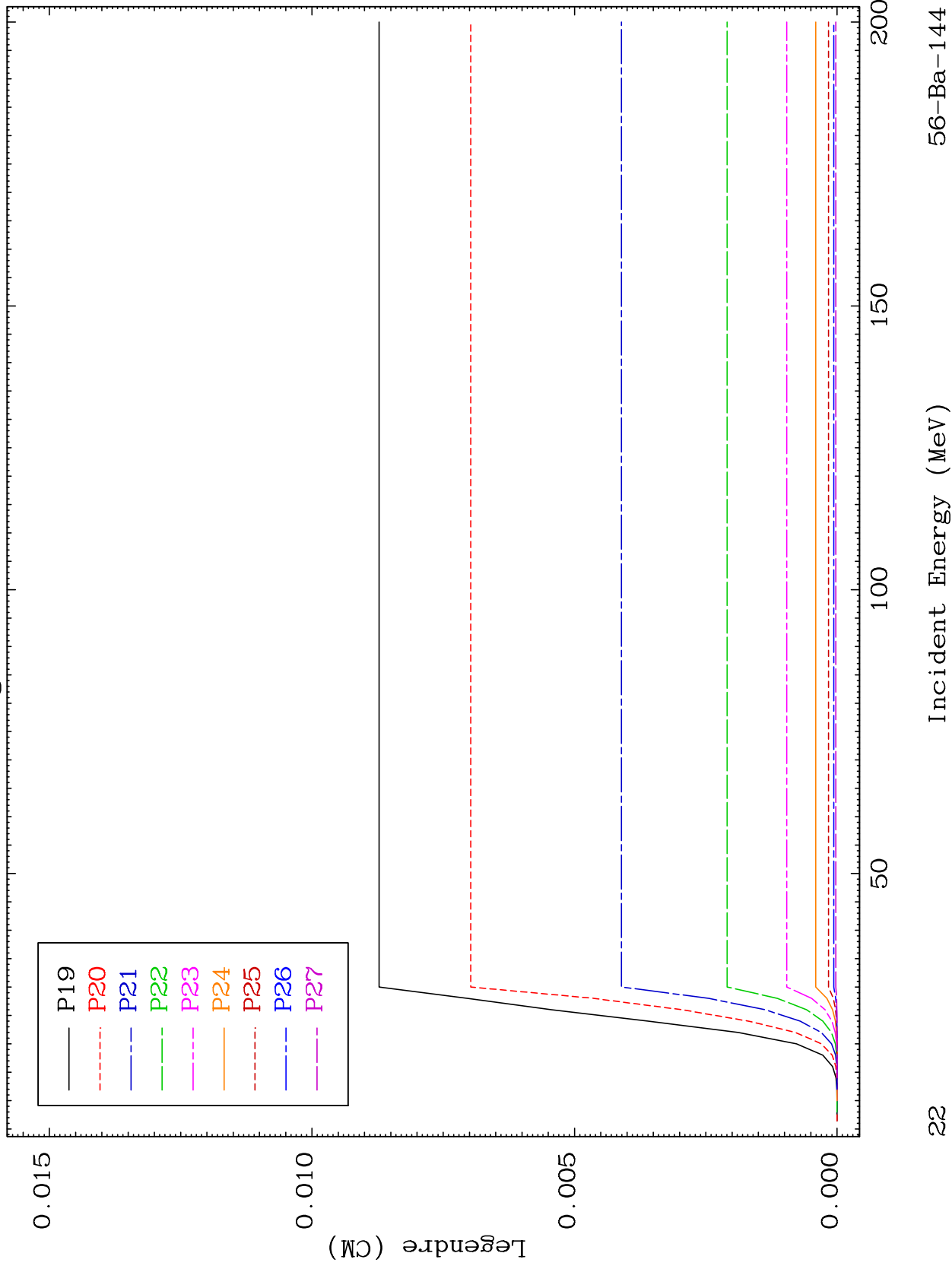
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



22

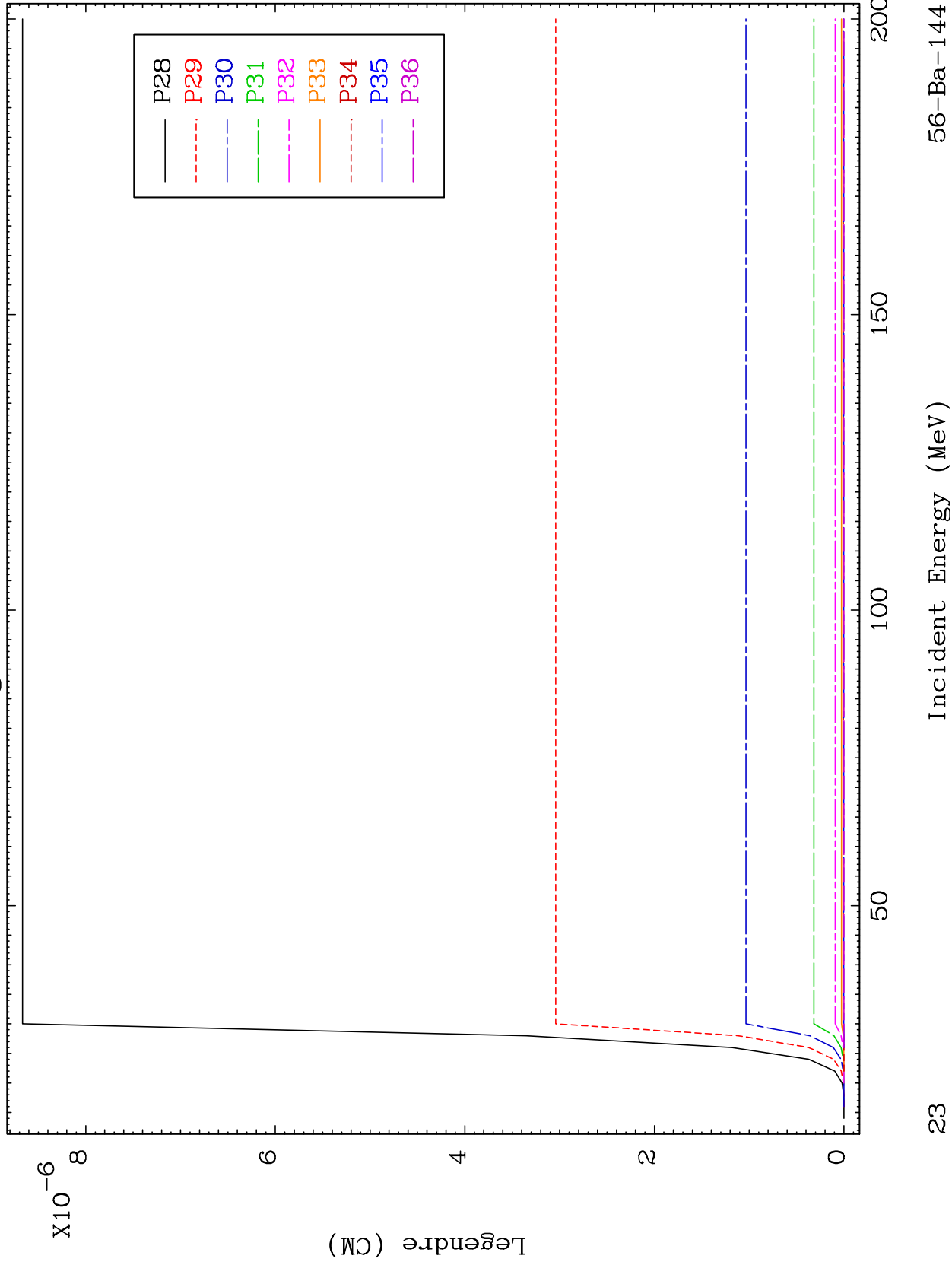
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



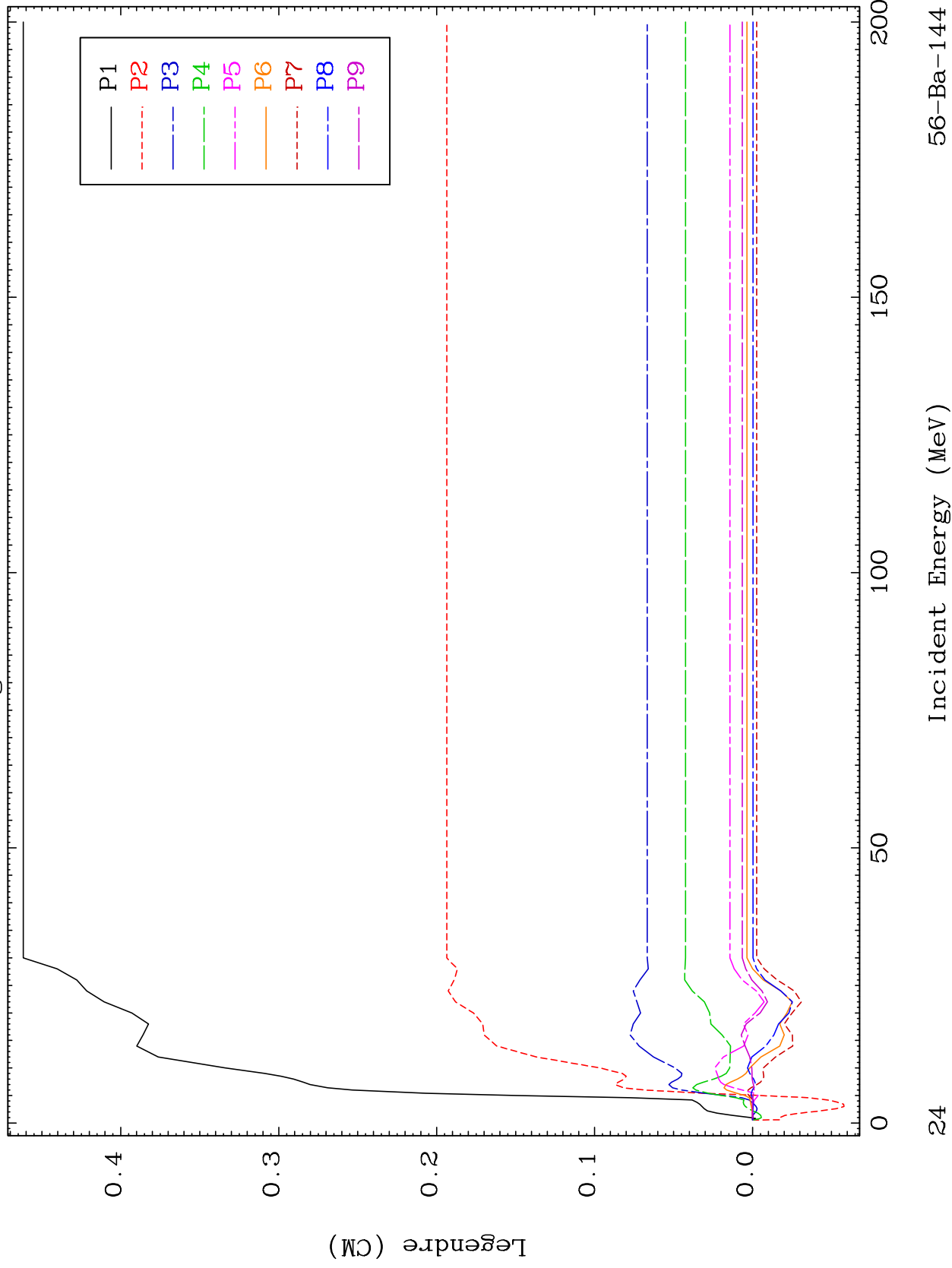
23

56-Ba-144

MAT 5667

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

56-Ba-144



56-Ba-144

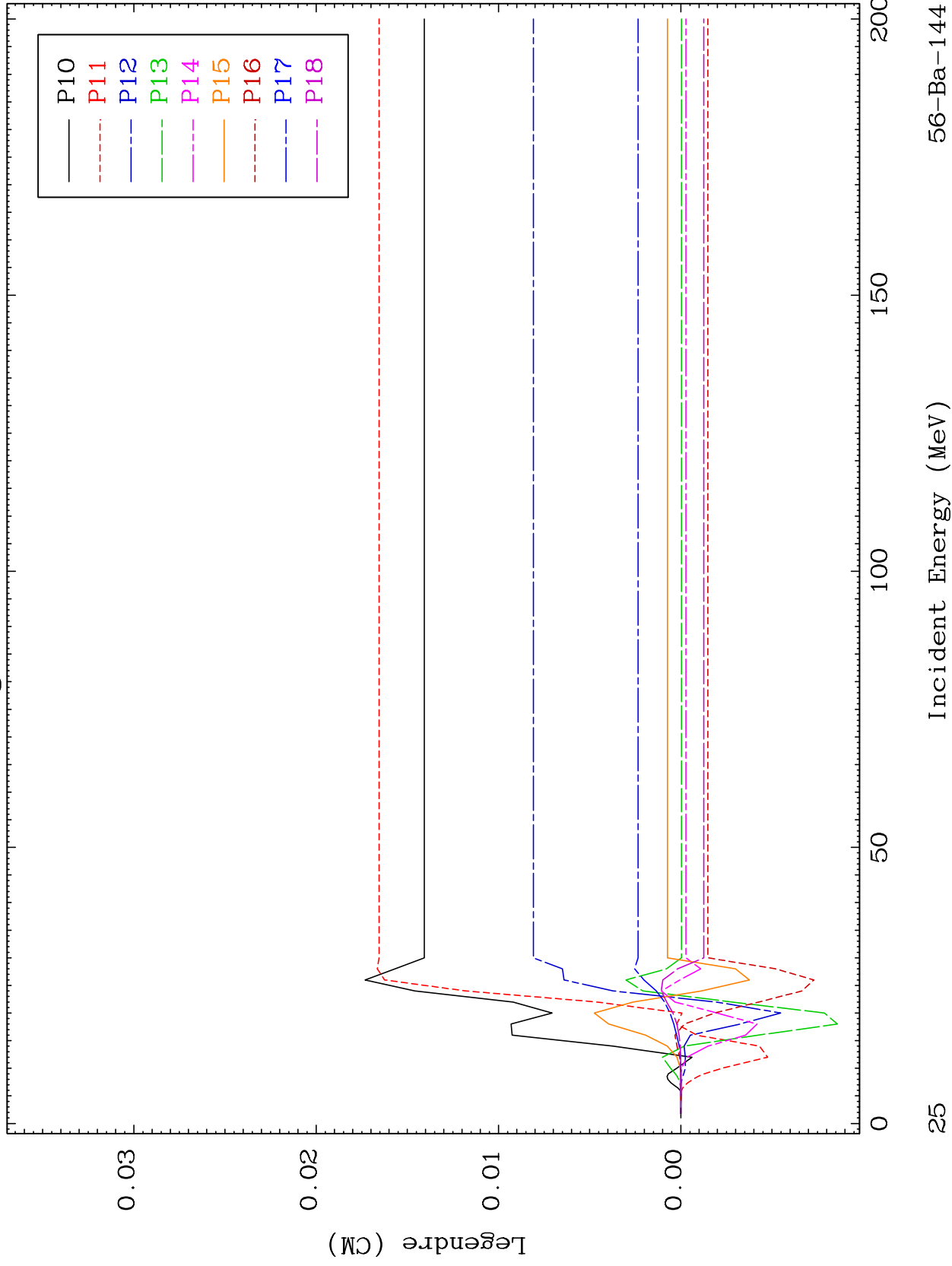
Incident Energy (MeV)

24

MAT 5667

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

56-Ba-144



56-Ba-144

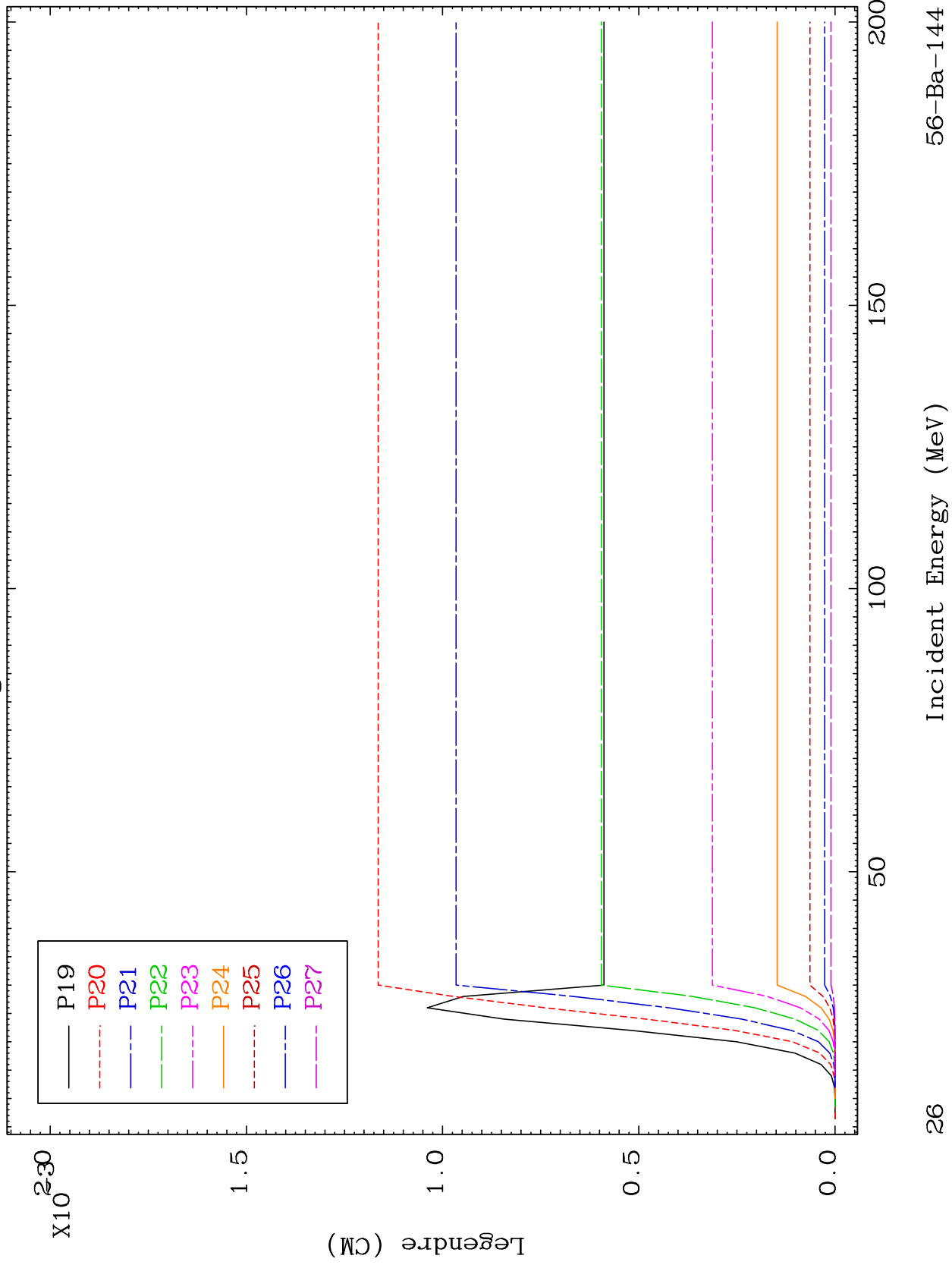
Incident Energy (MeV)

25

MAT 5667

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

56-Ba-144



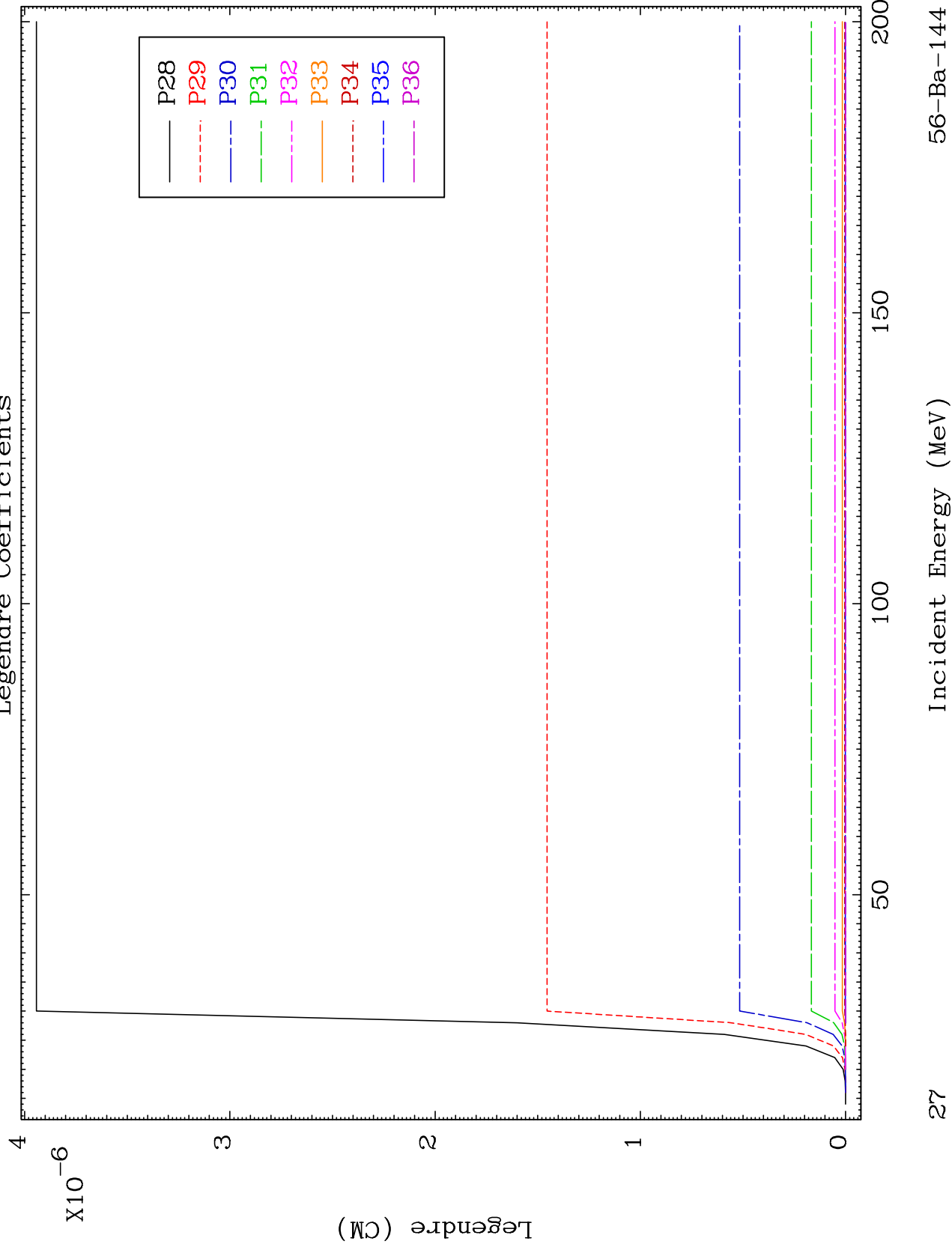
26

56-Ba-144

MAT 5667

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

56-Ba-144



27

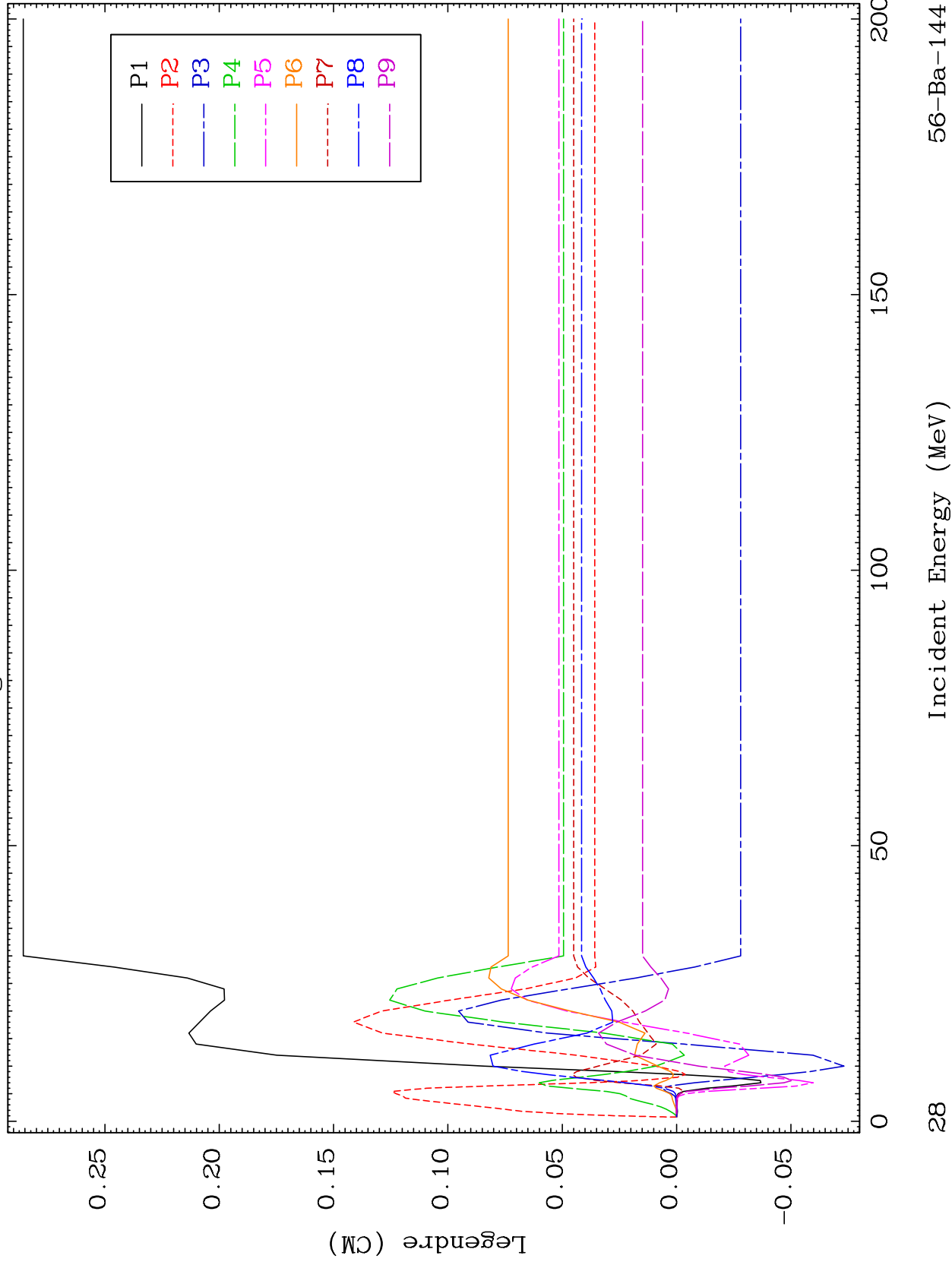
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



56-Ba-144

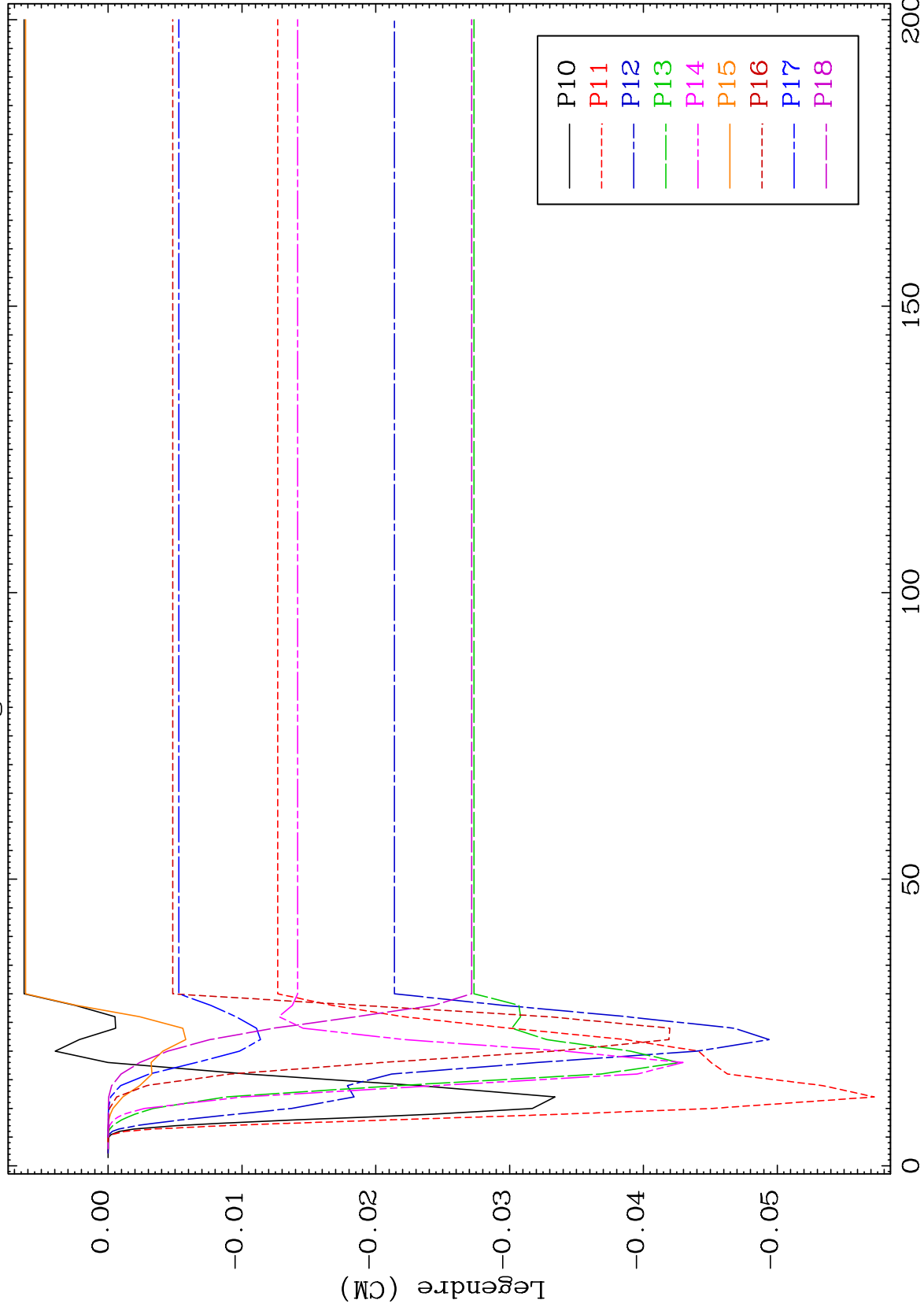
Incident Energy (MeV)

28

MAT 5667

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

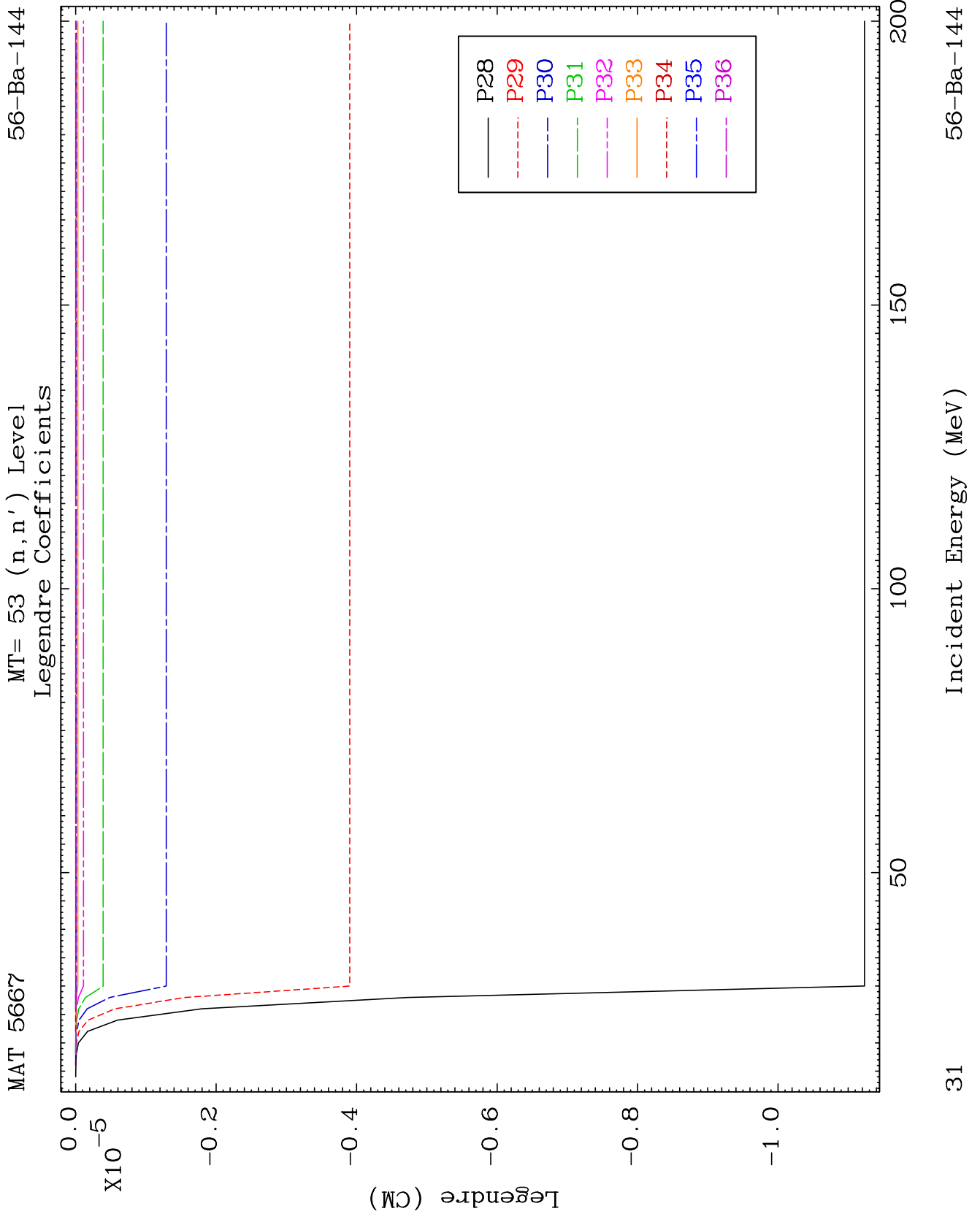
56-Ba-144



29

Incident Energy (MeV)

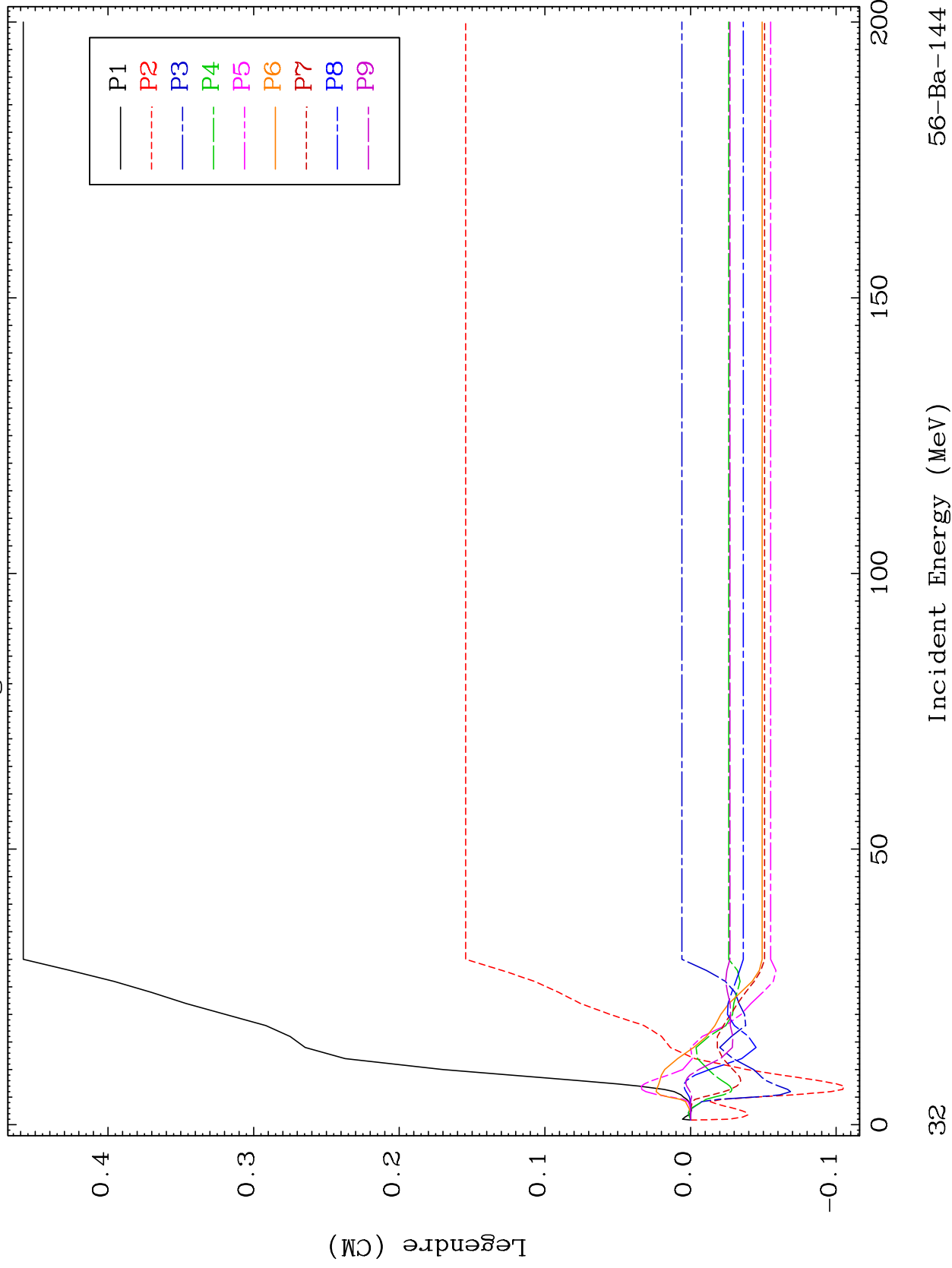
56-Ba-144



MAT 5667

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

56-Ba-144



32

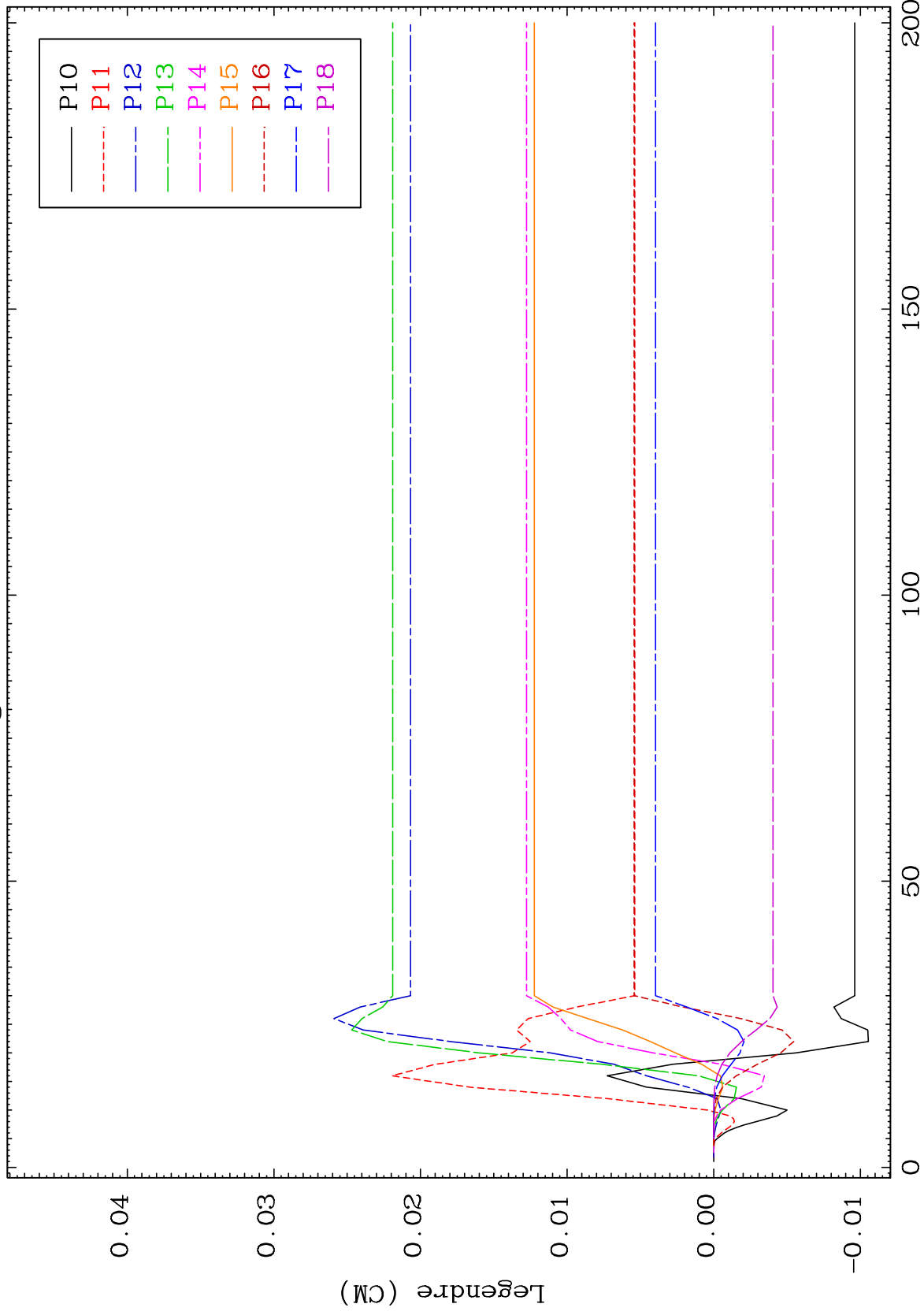
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



33

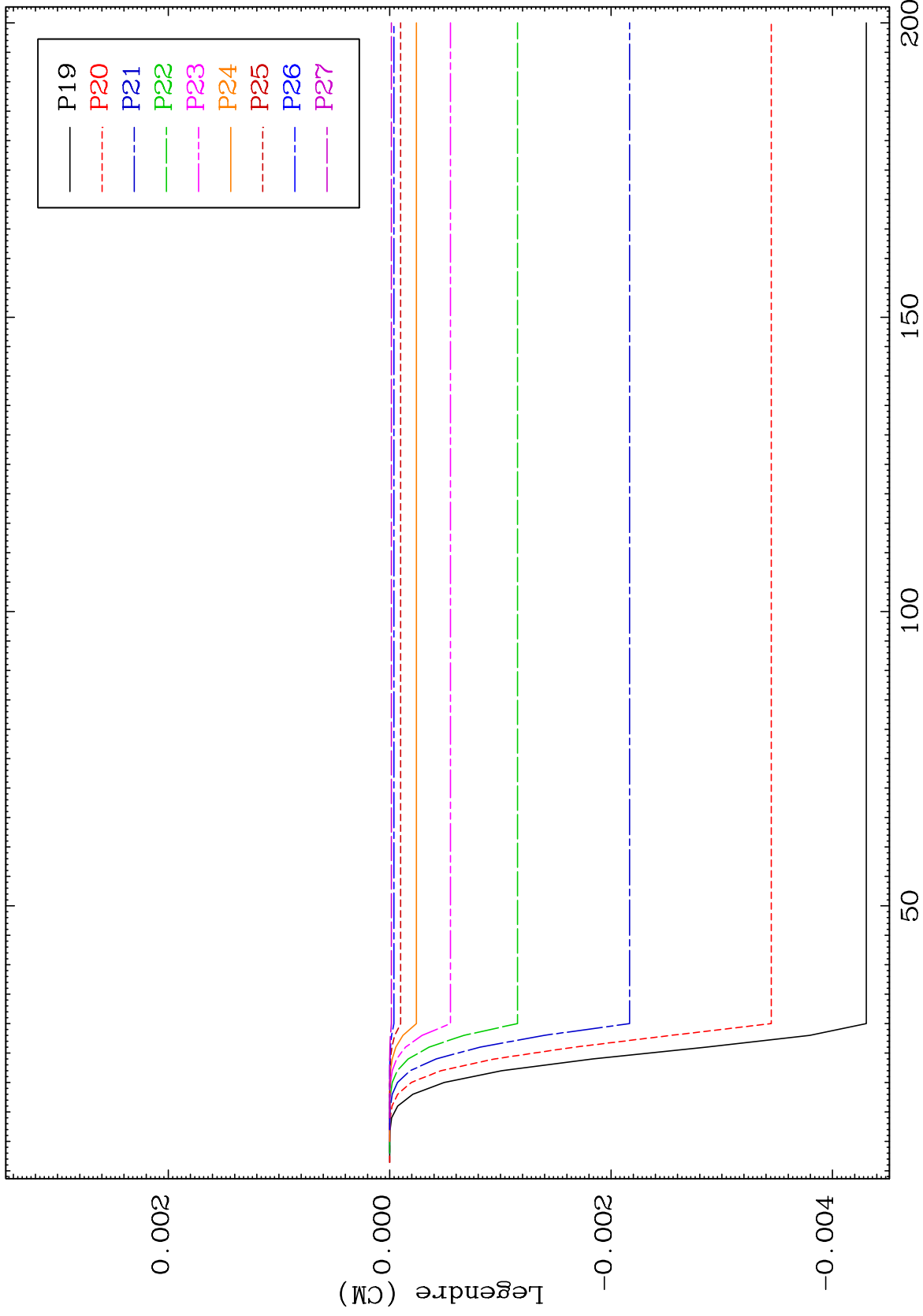
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

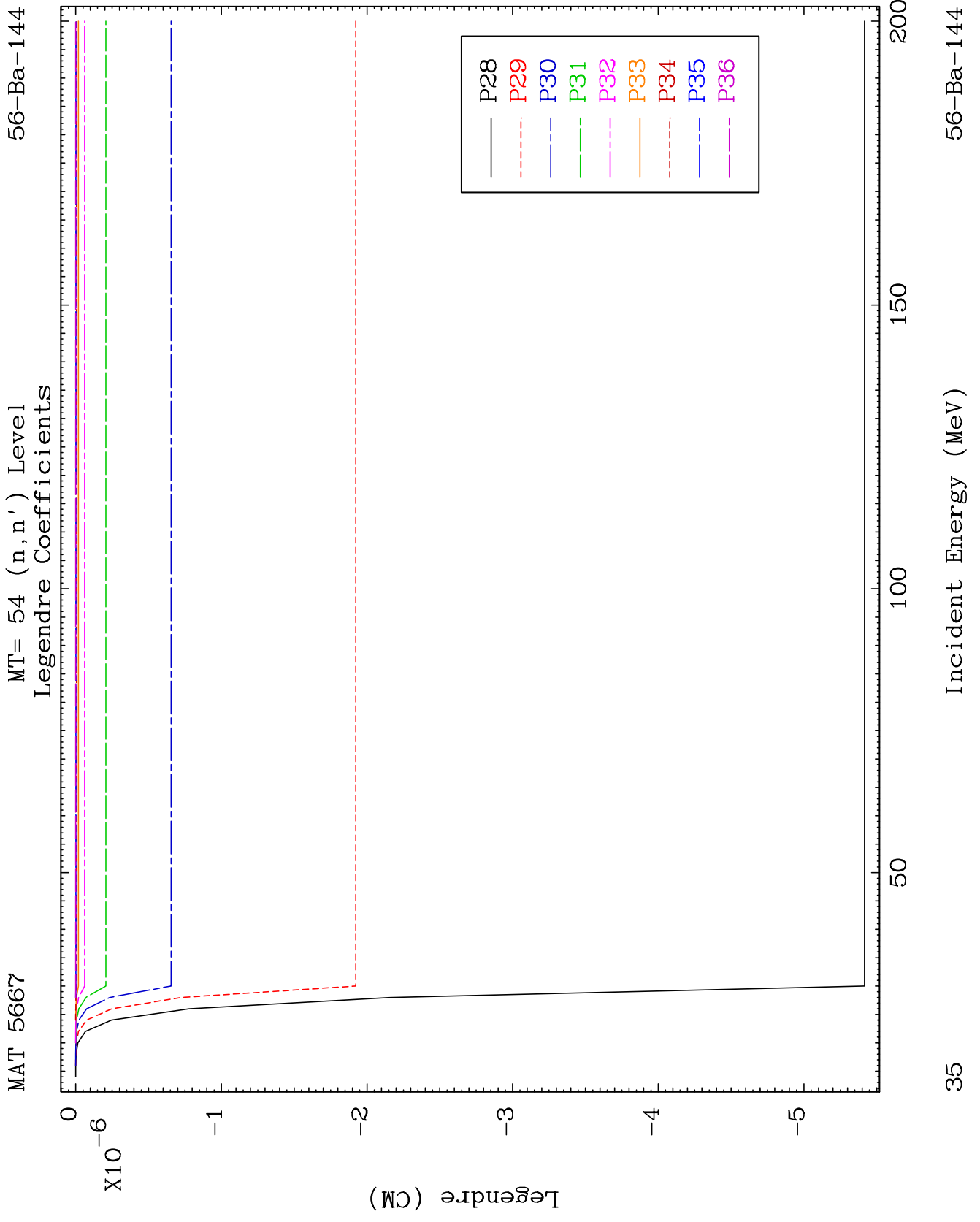
56-Ba-144



34

Incident Energy (MeV)

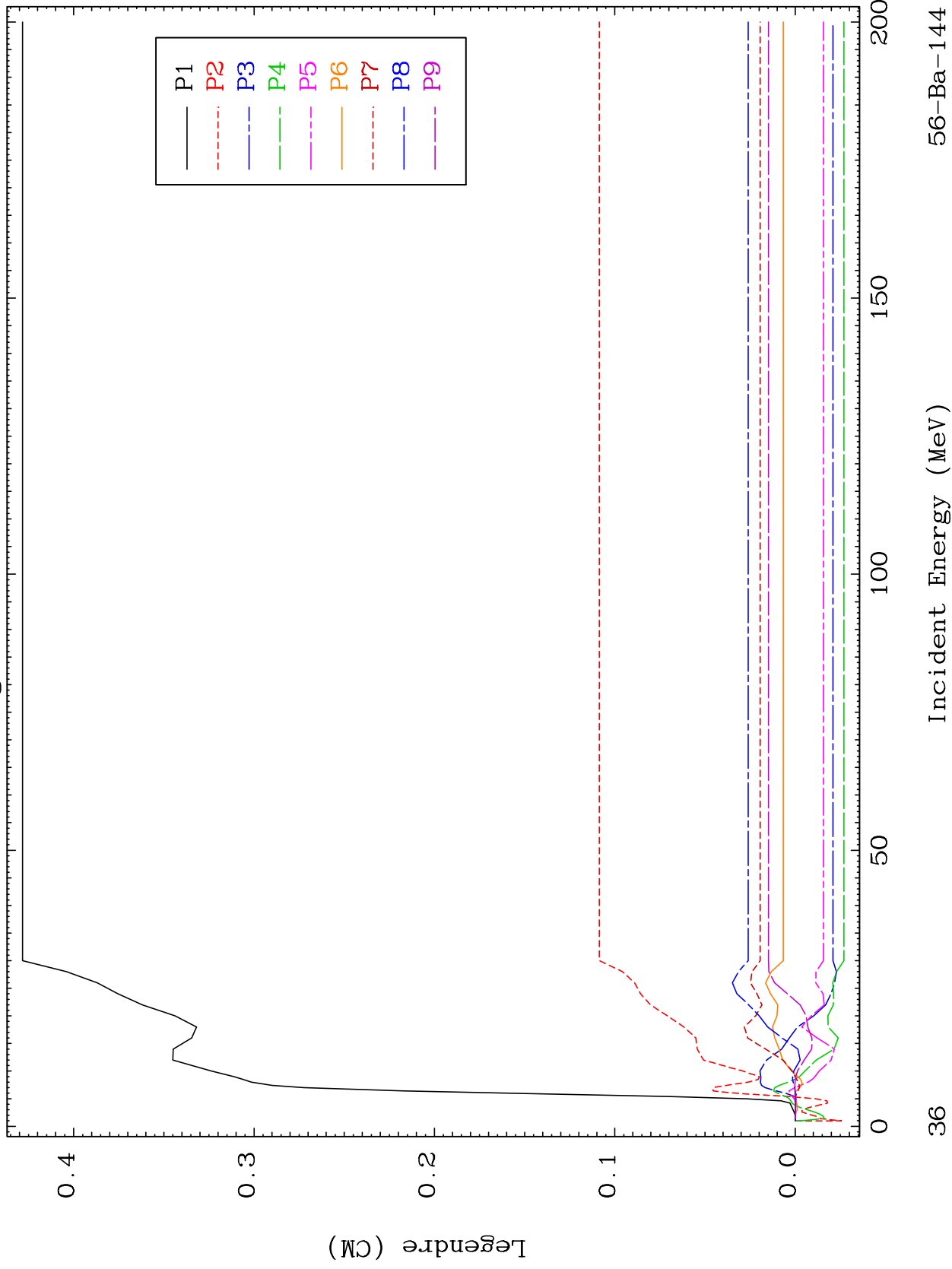
56-Ba-144



MAT 5667

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

56-Ba-144



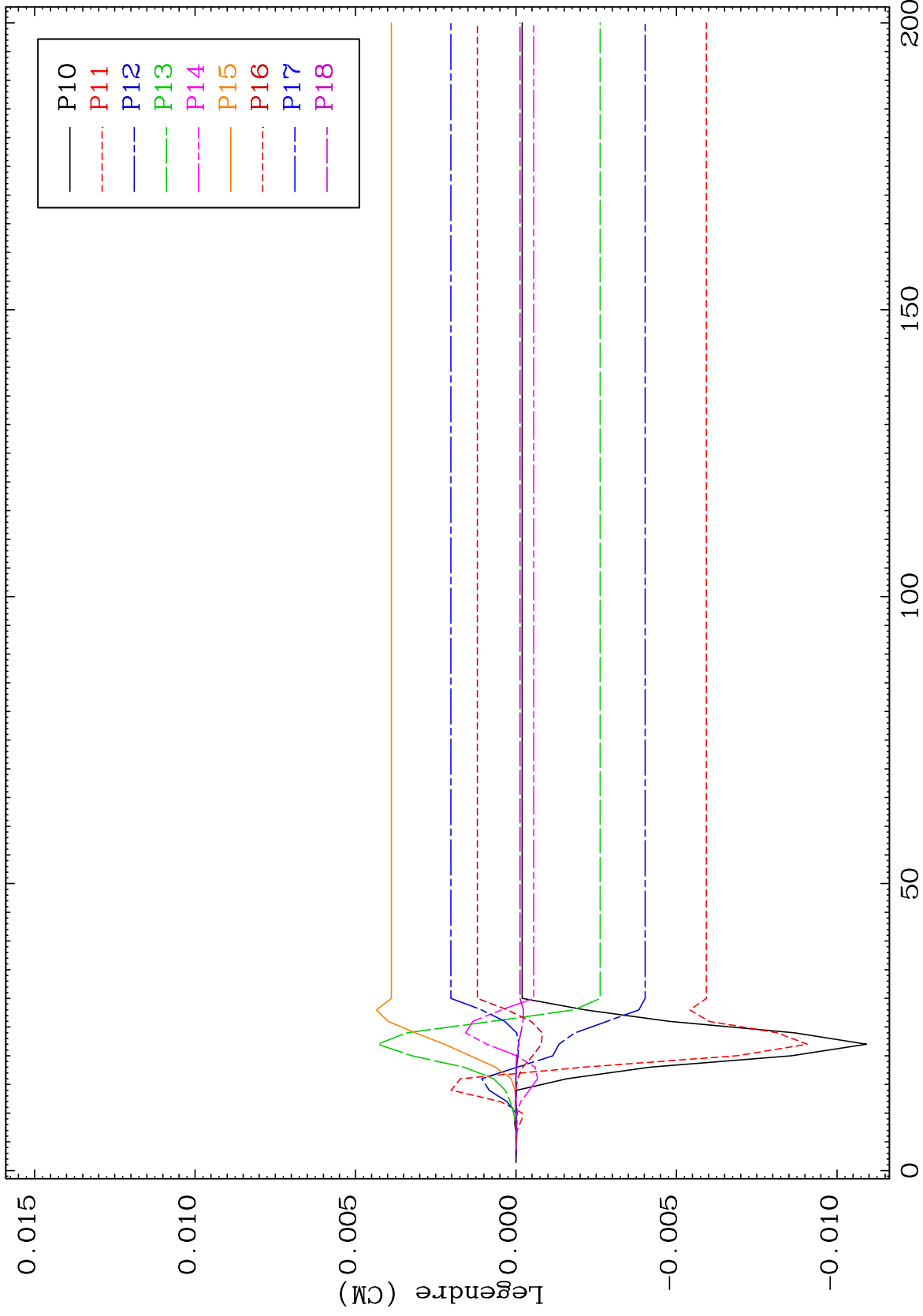
36

56-Ba-144

MAT 5667

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

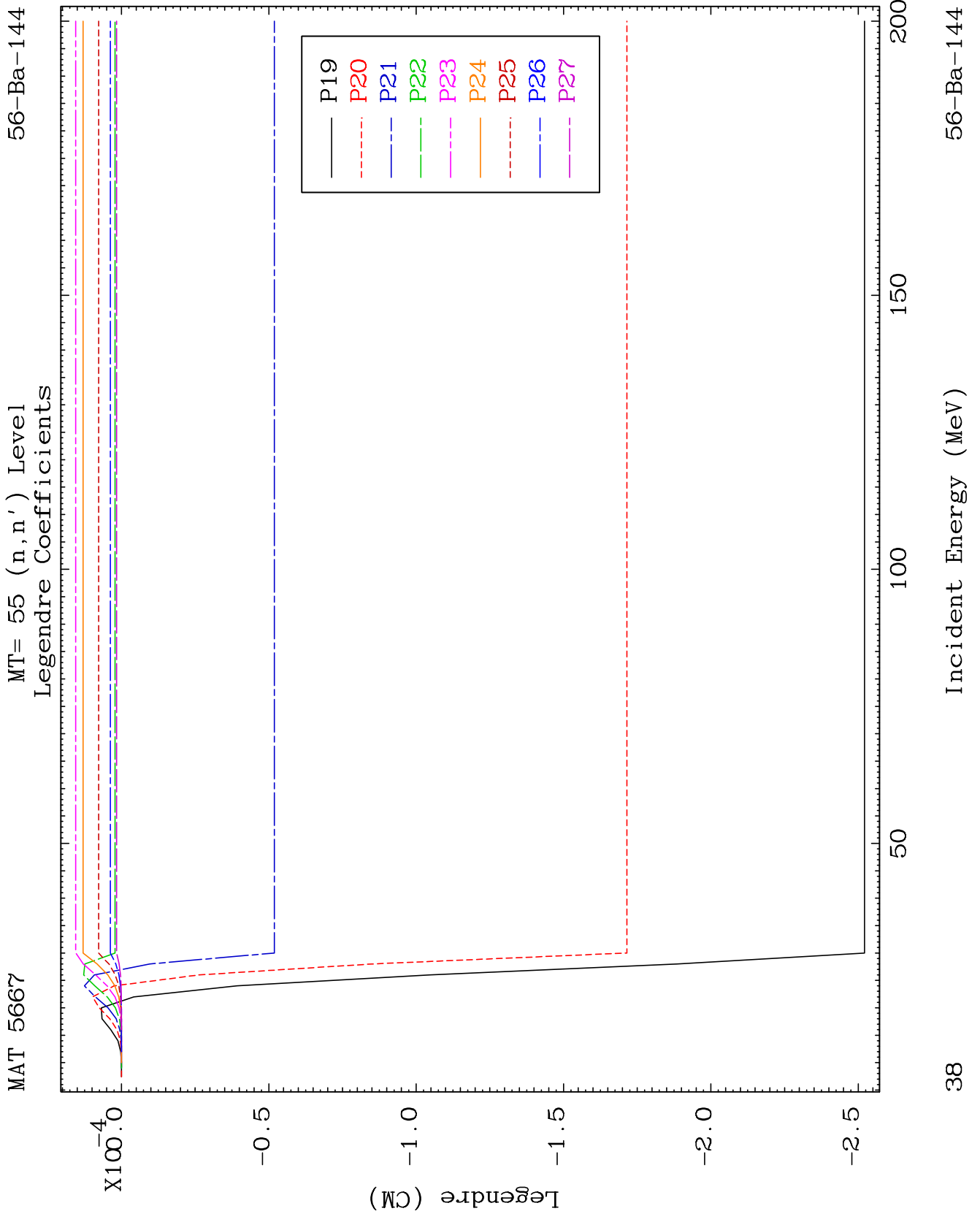
56-Ba-144



37

Incident Energy (MeV)

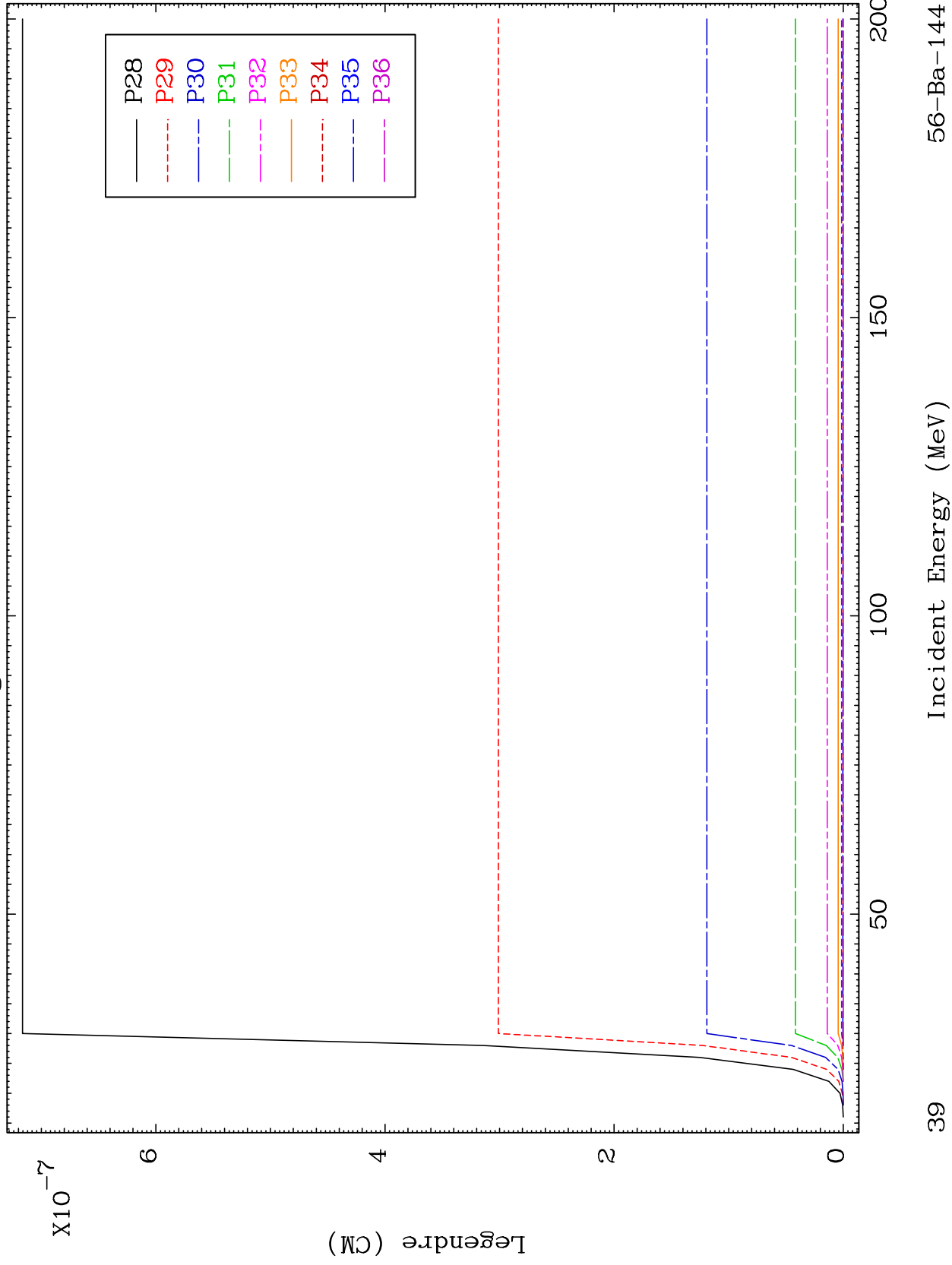
56-Ba-144



MAT 5667

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

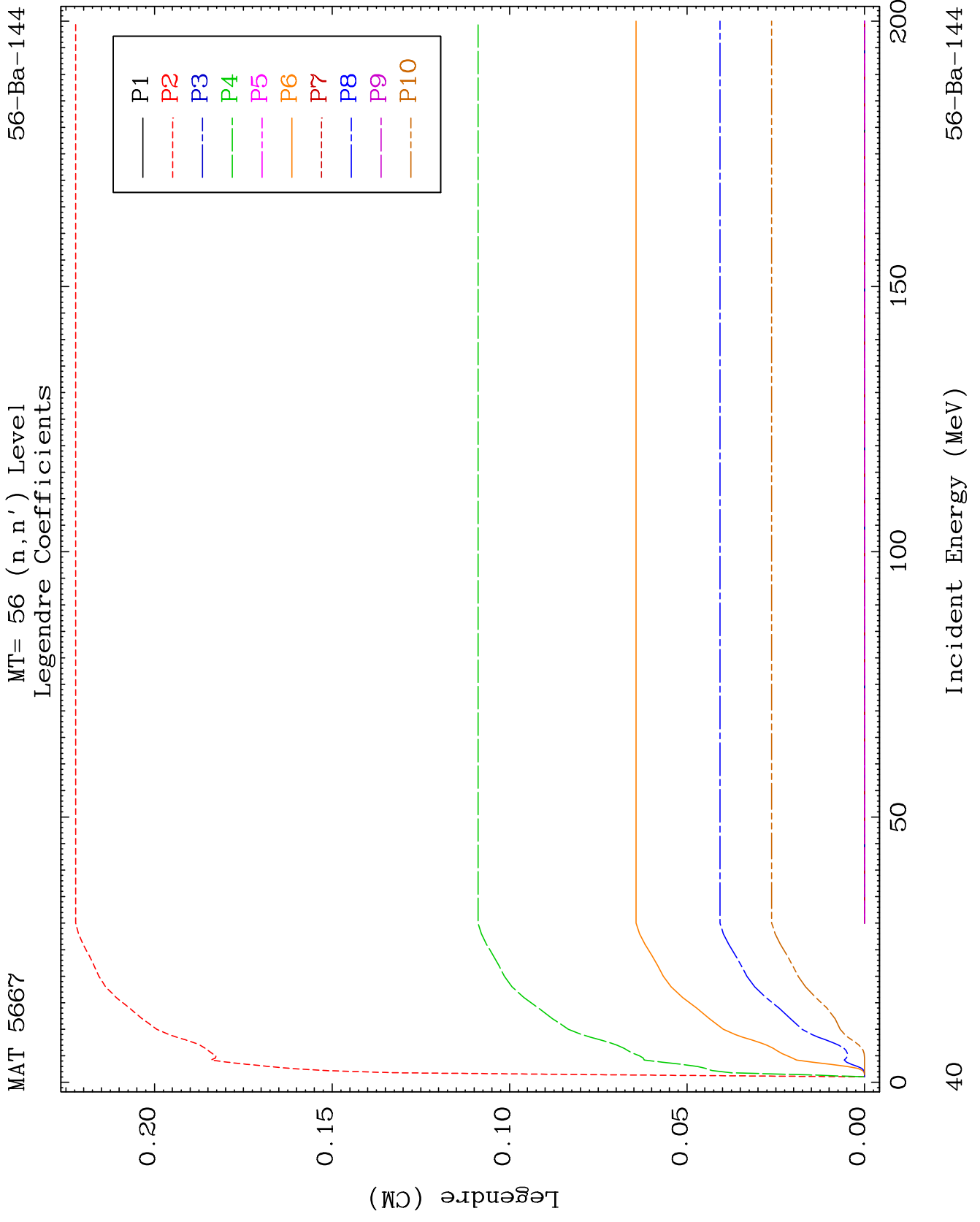
56-Ba-144



39

Incident Energy (MeV)

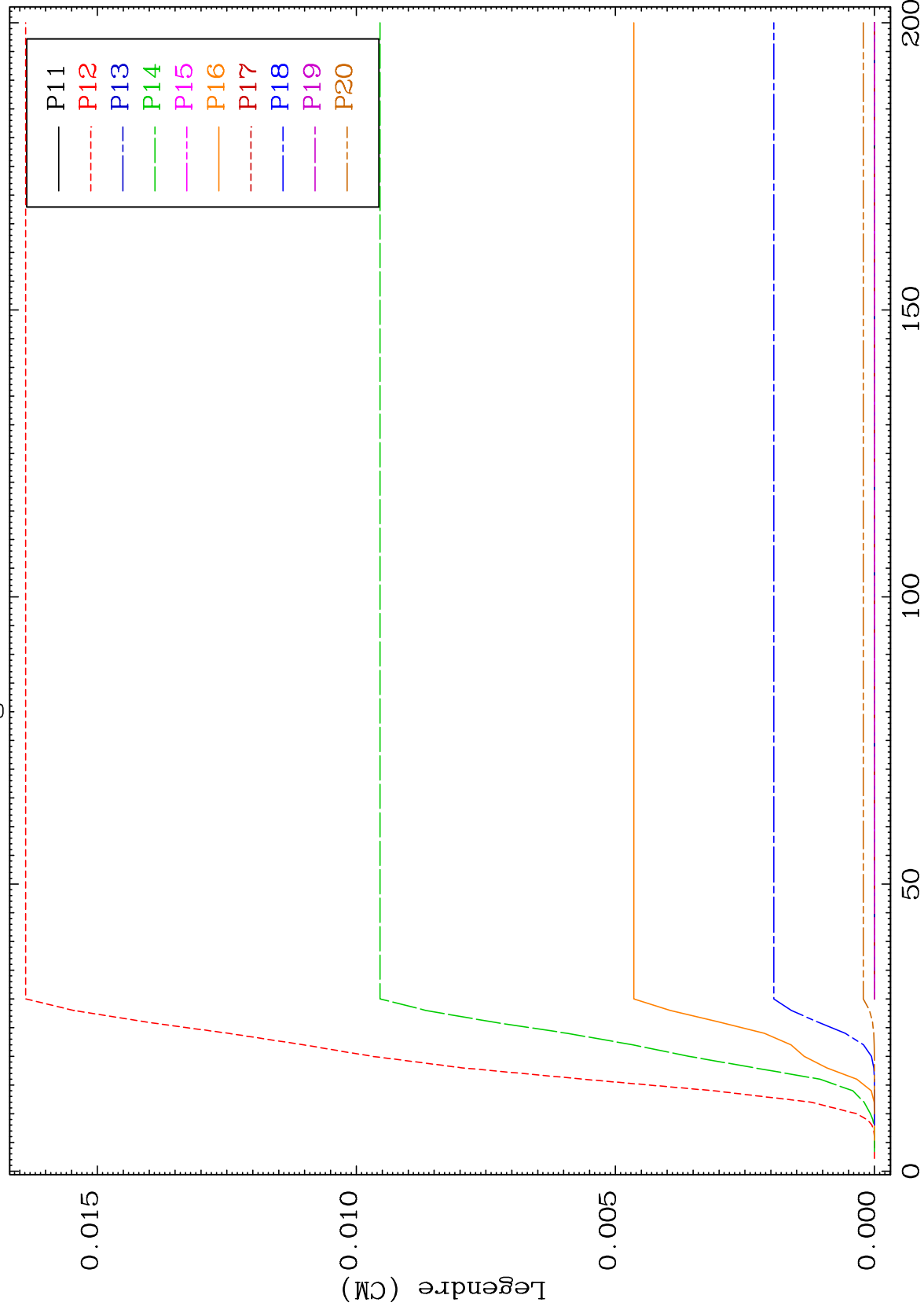
56-Ba-144



MAT 5667

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

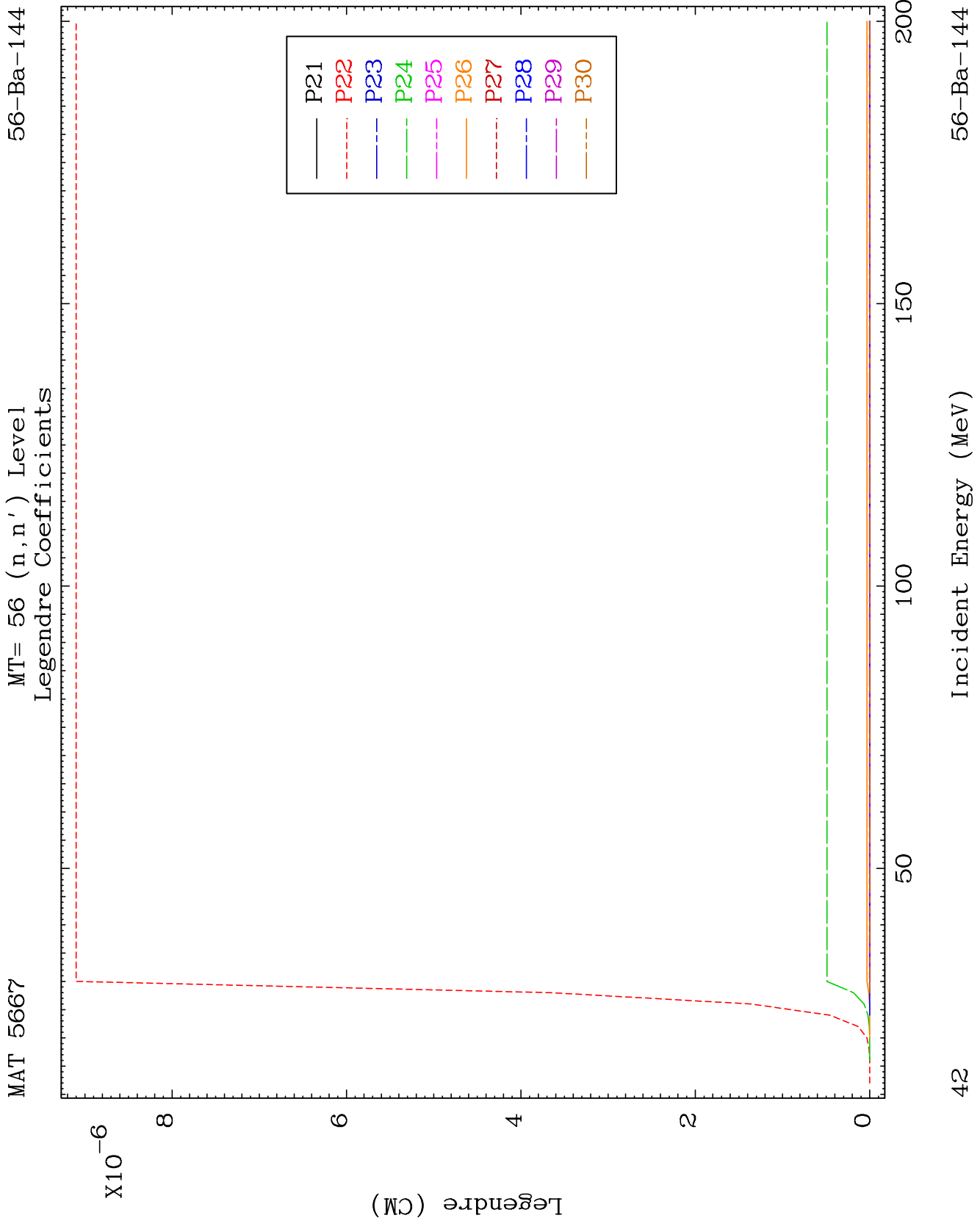
56-Ba-144



41

Incident Energy (MeV)

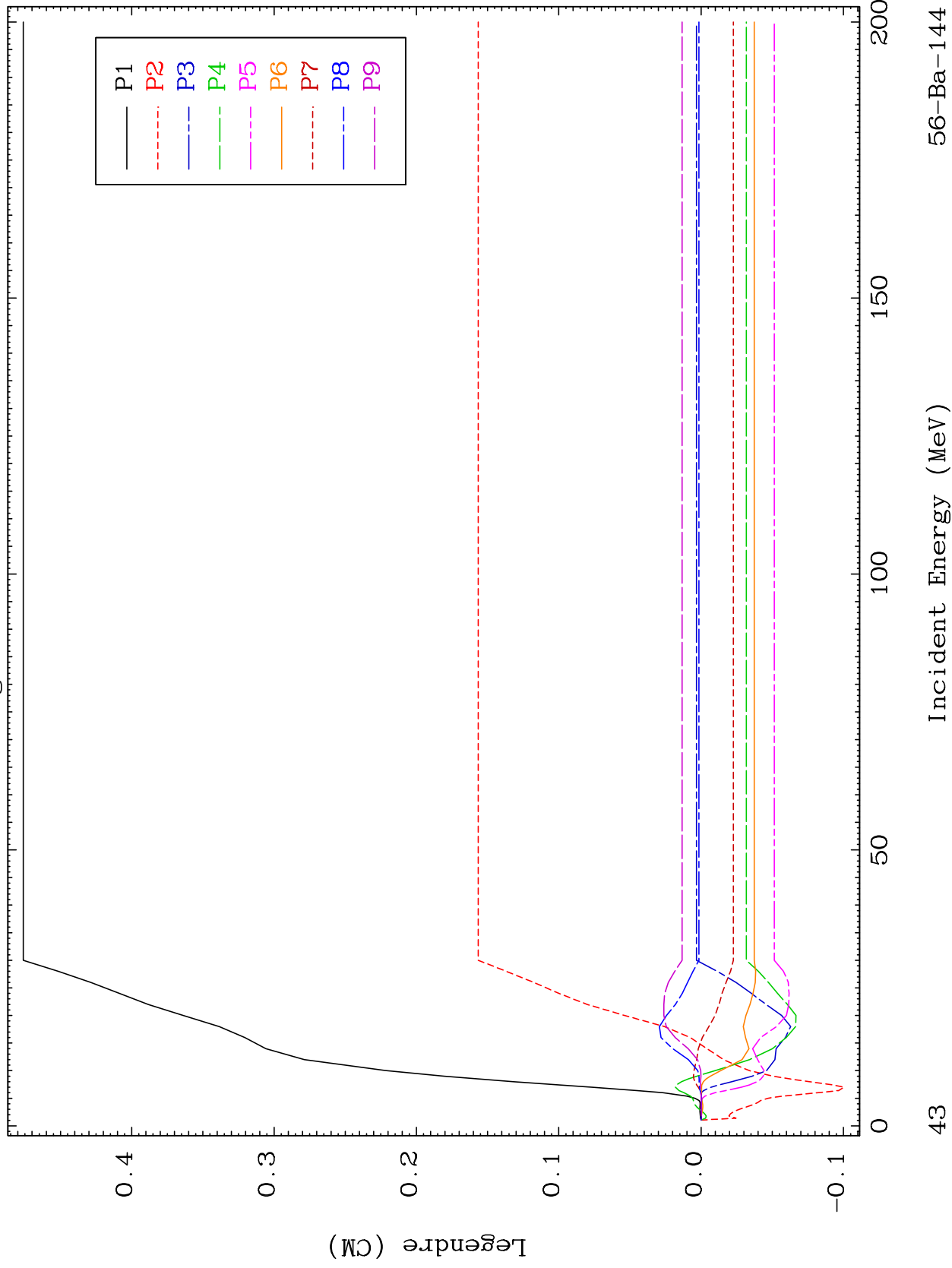
56-Ba-144

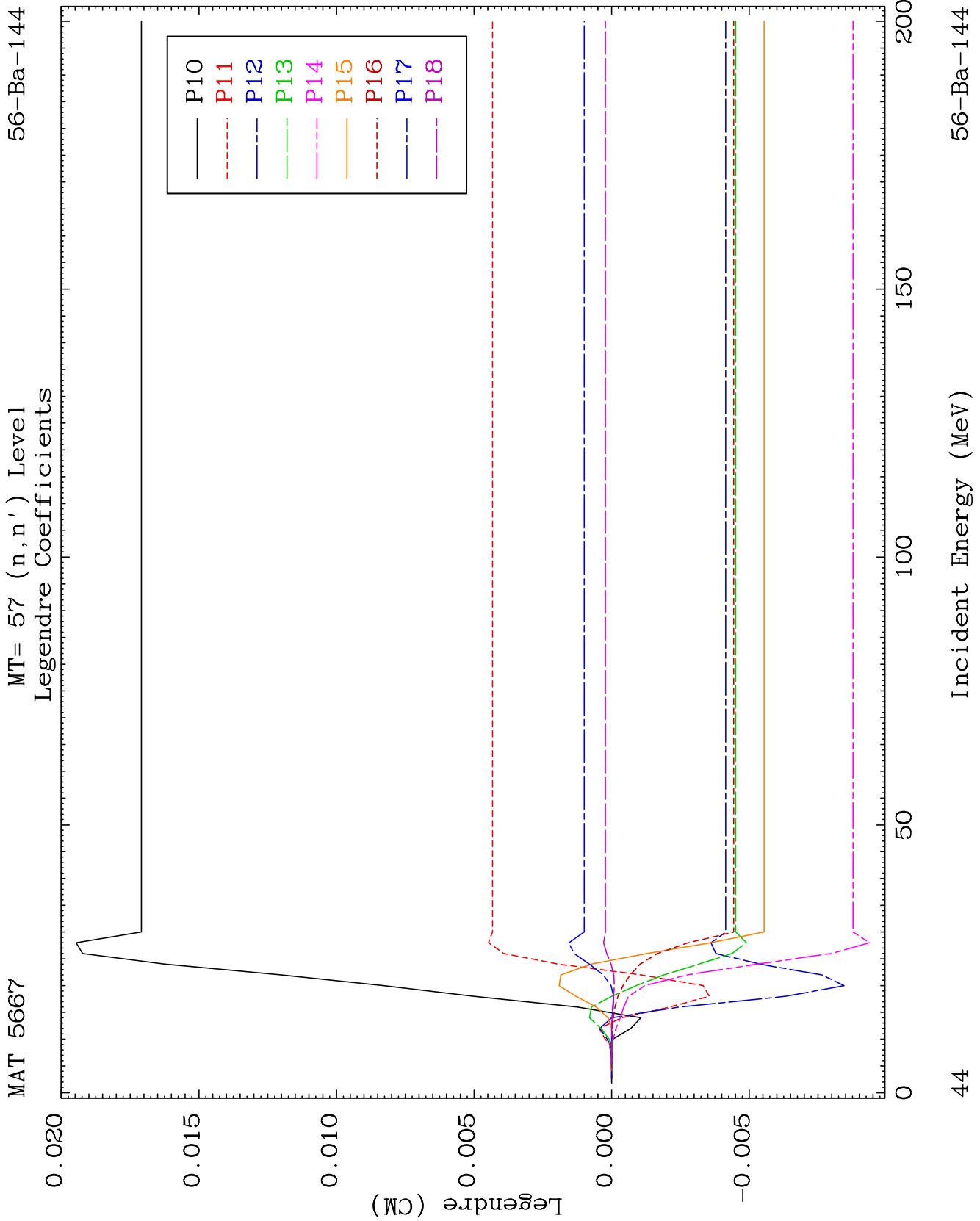


MAT 5667

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

56-Ba-144

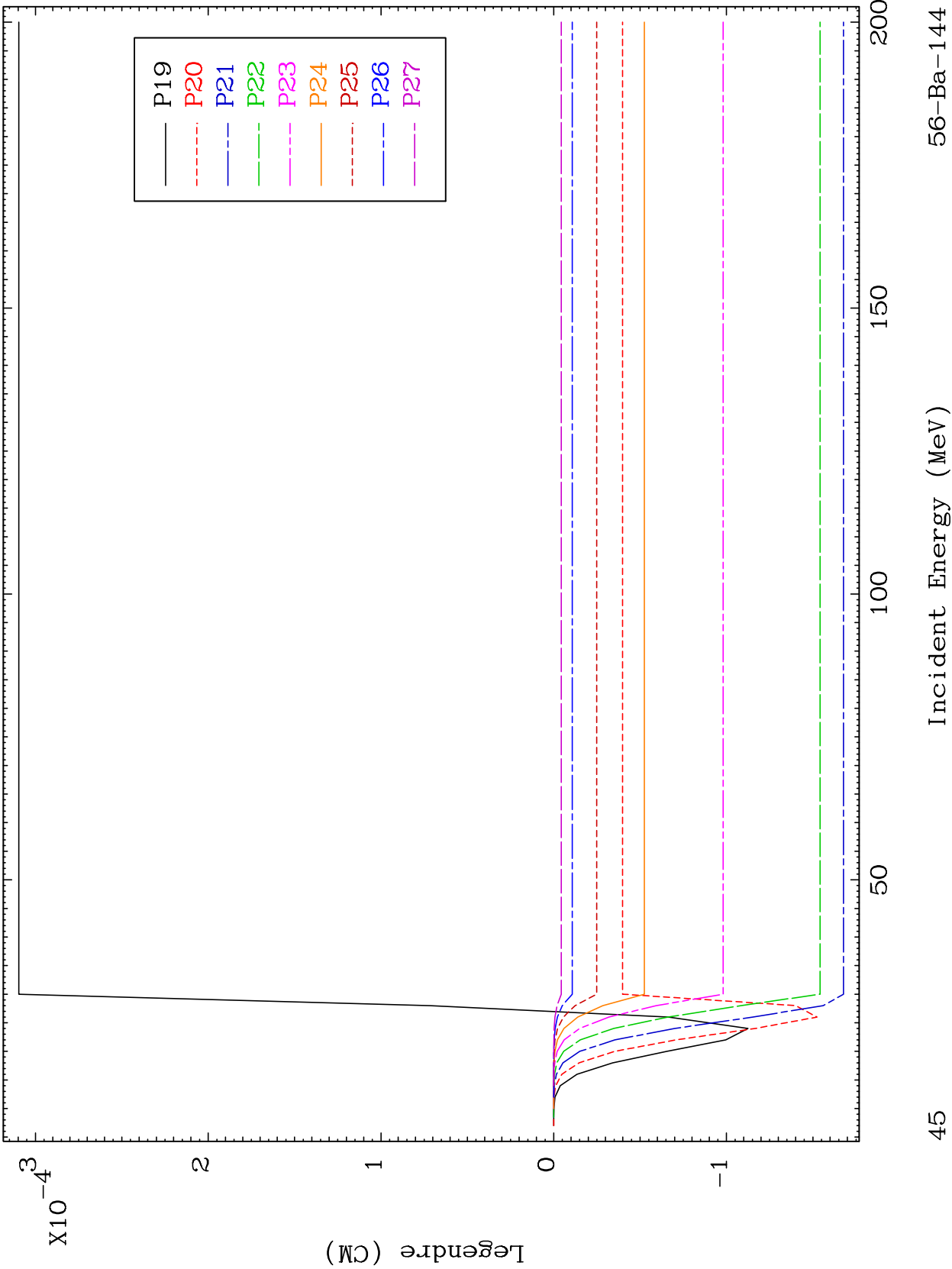




MAT 5667

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

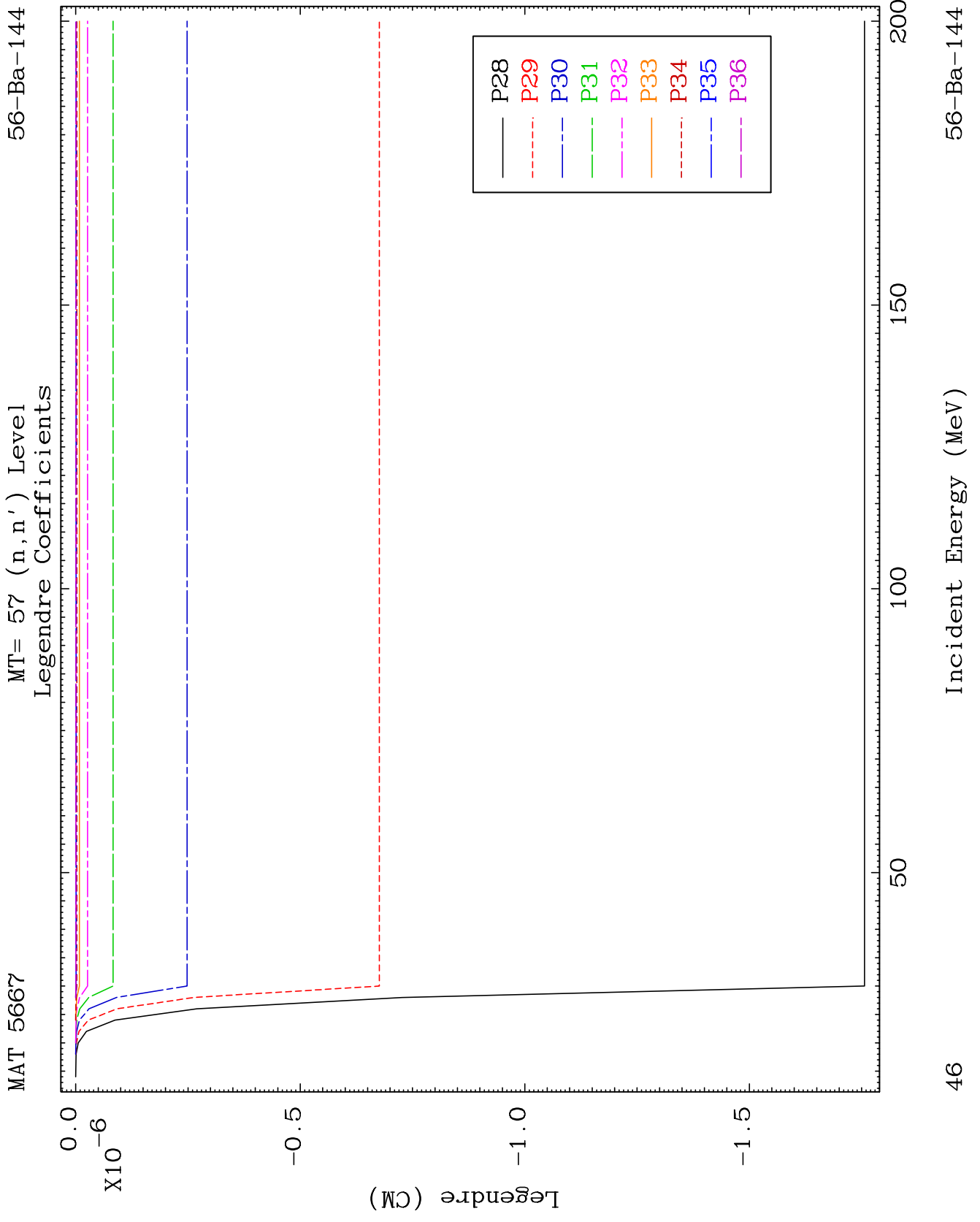
56-Ba-144



45

Incident Energy (MeV)

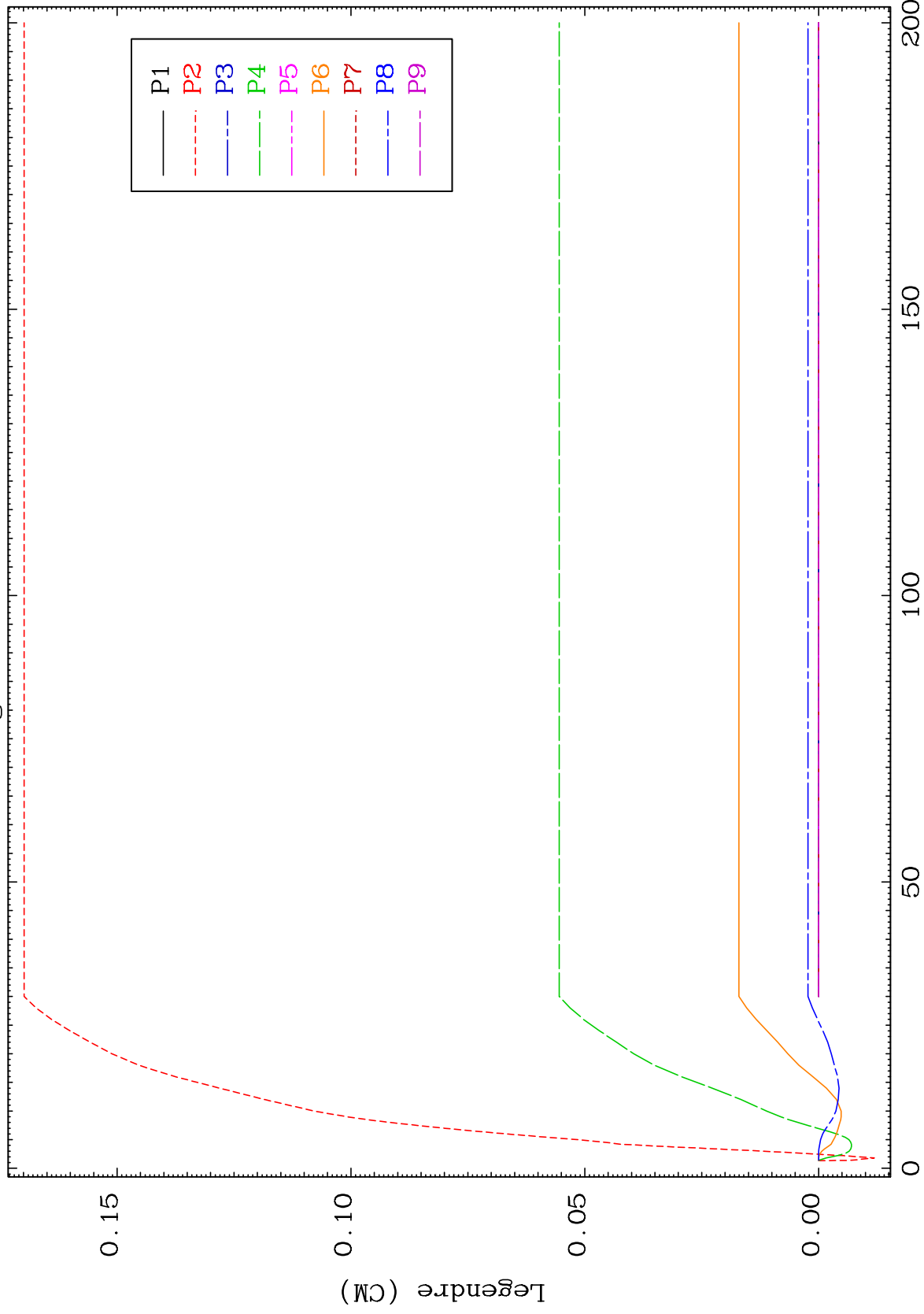
56-Ba-144



MAT 5667

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

56-Ba-144



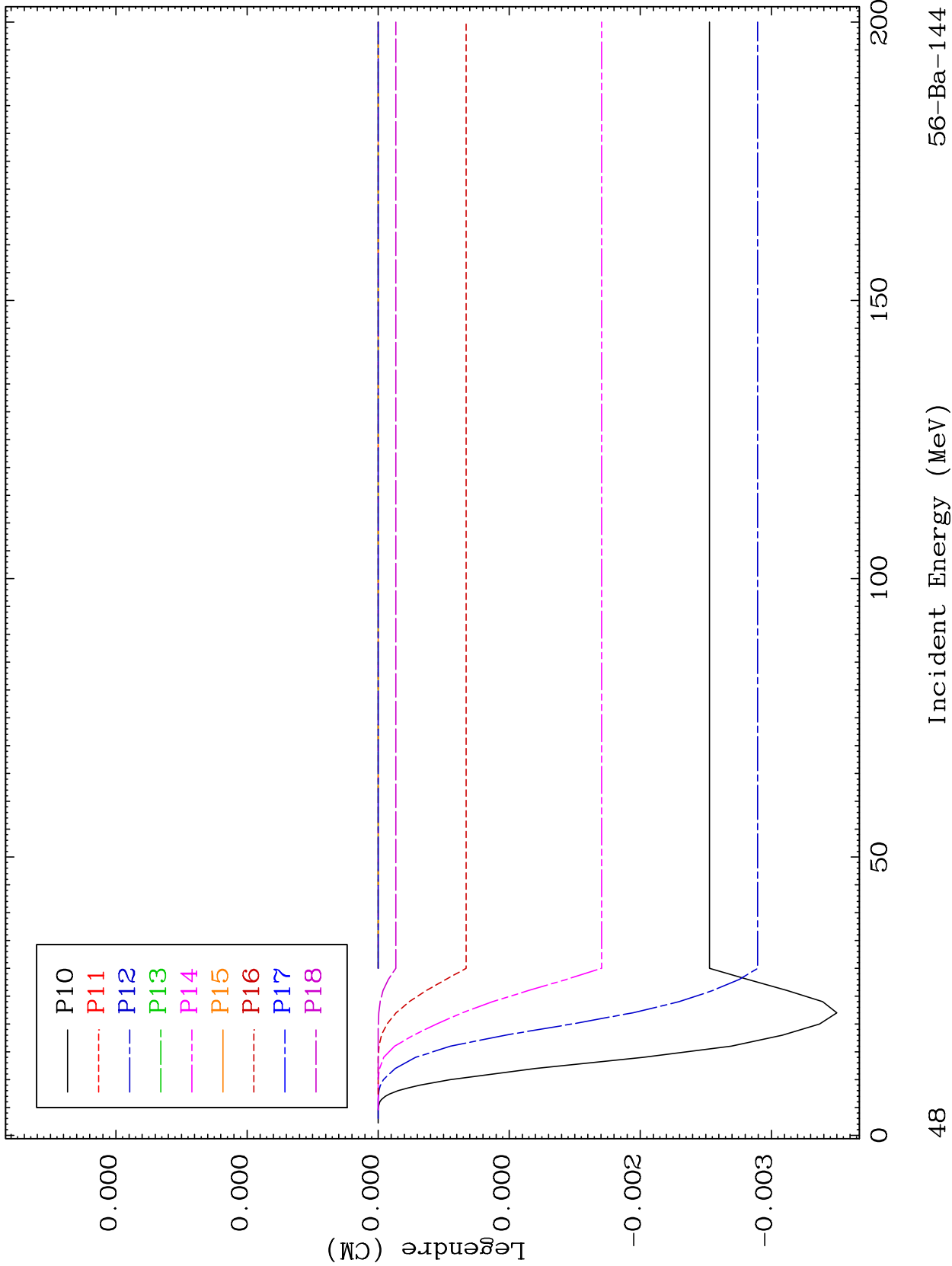
47

56-Ba-144

MAT 5667

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

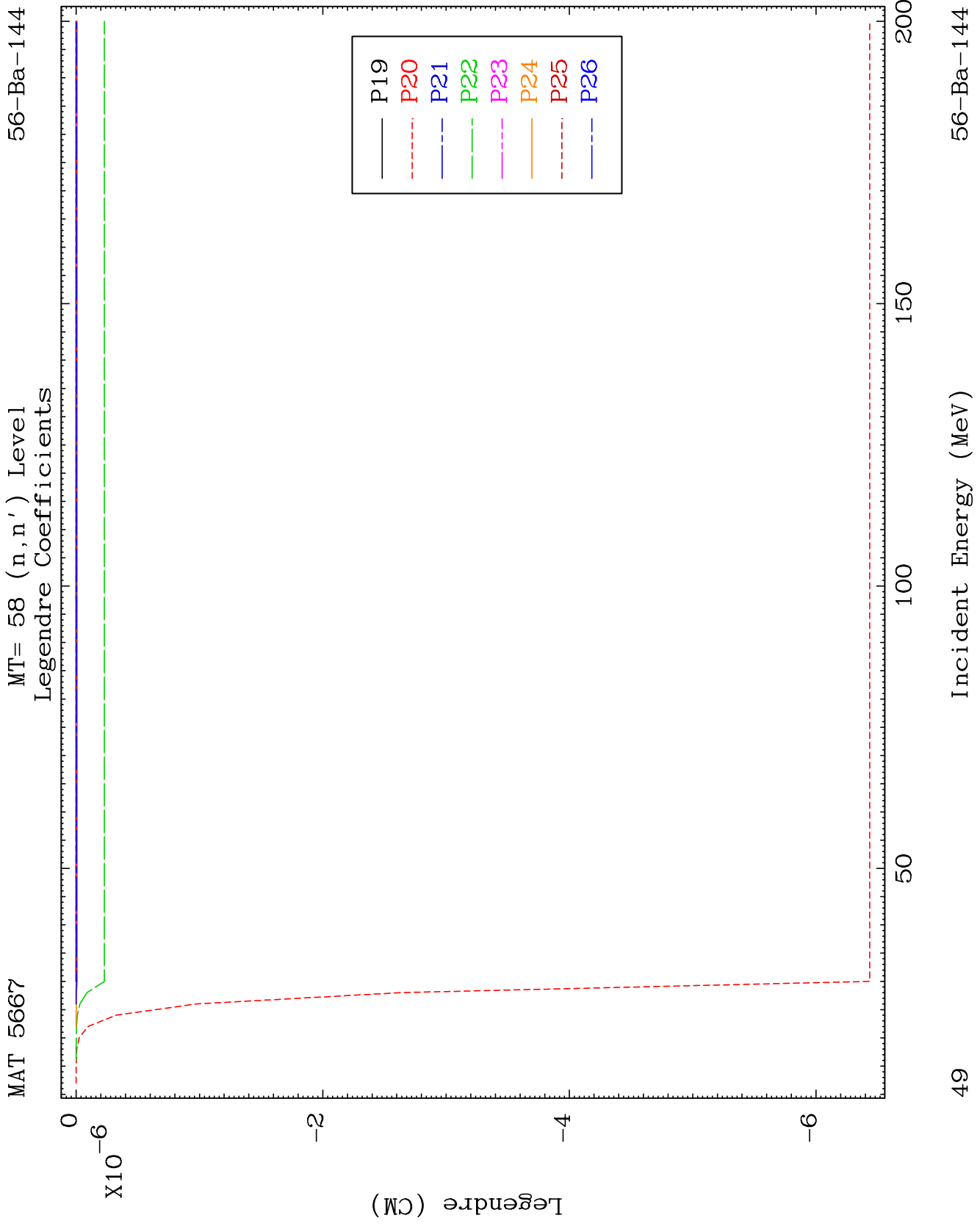
56-Ba-144



56-Ba-144

Incident Energy (MeV)

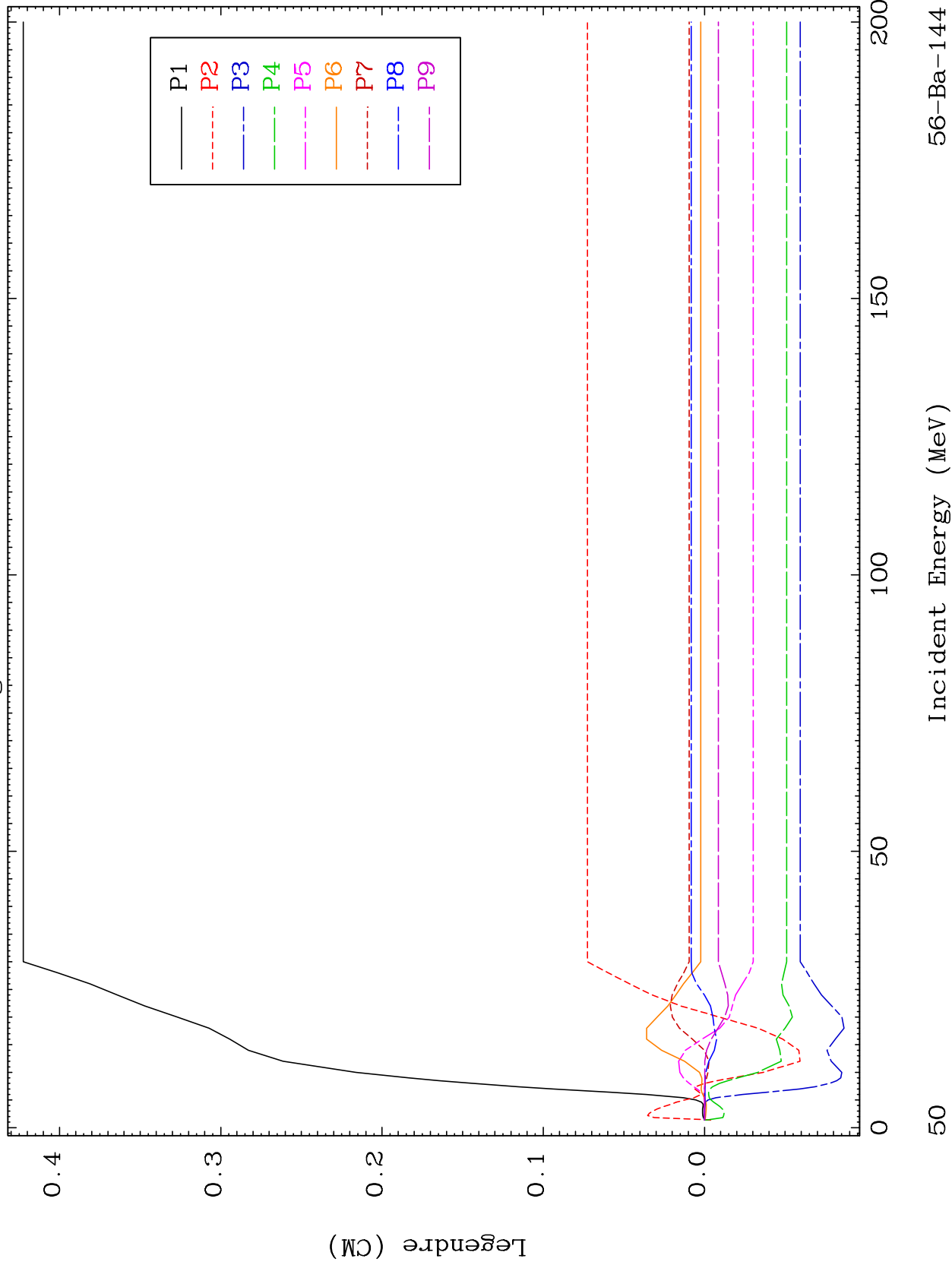
48



MAT 5667

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

56-Ba-144



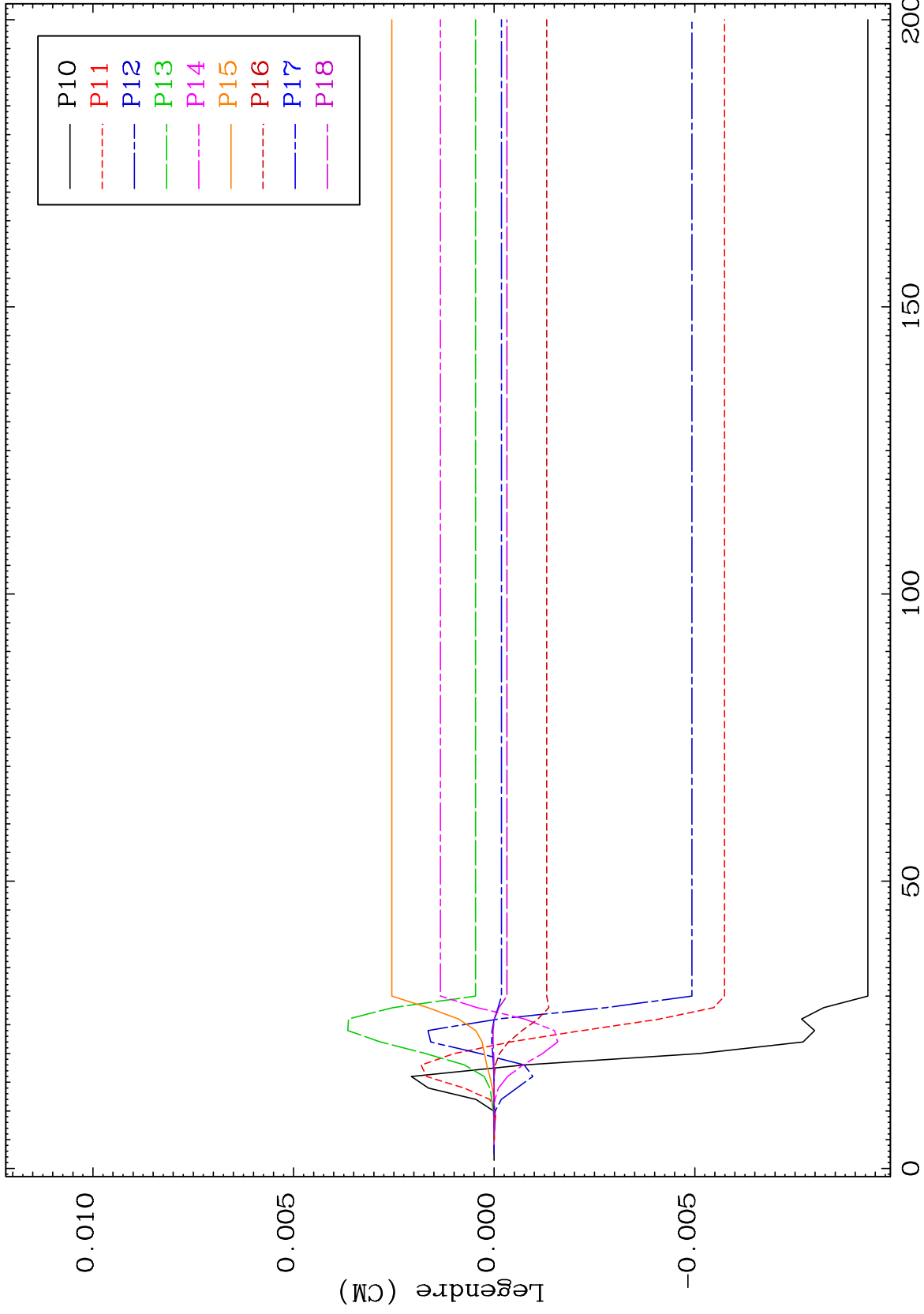
56-Ba-144

Incident Energy (MeV)

MAT 5667

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

56-Ba-144



51

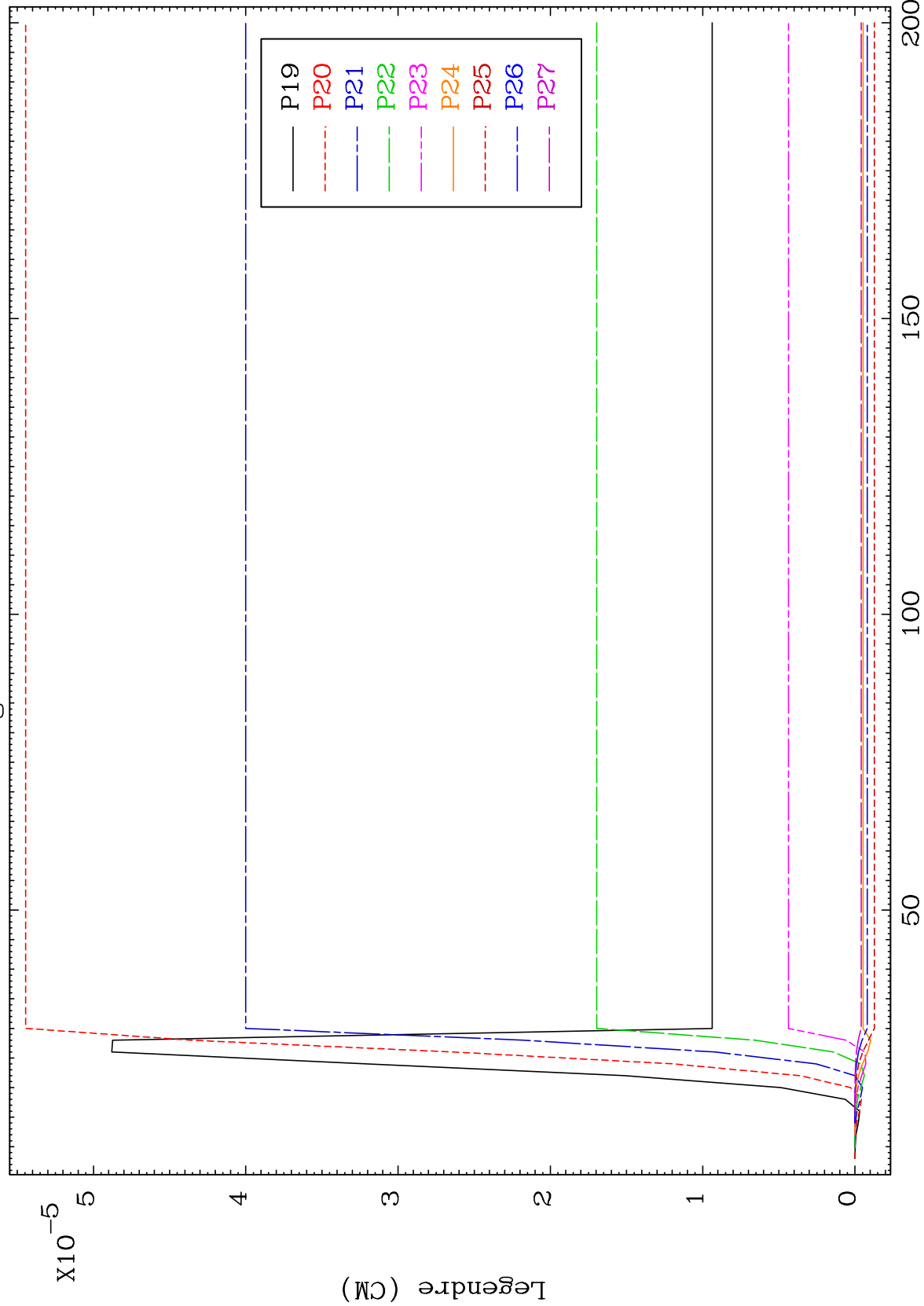
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

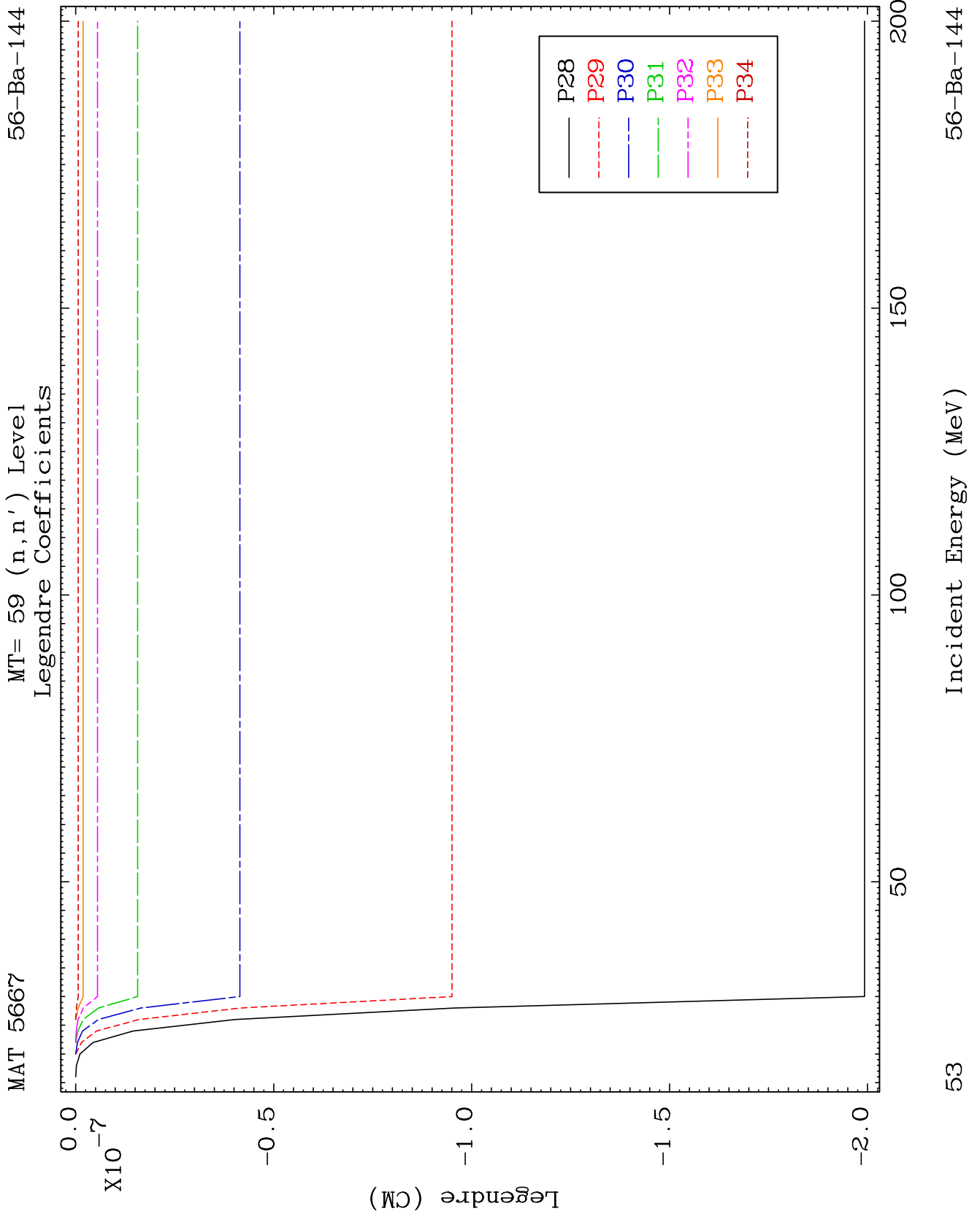
56-Ba-144



52

Incident Energy (MeV)

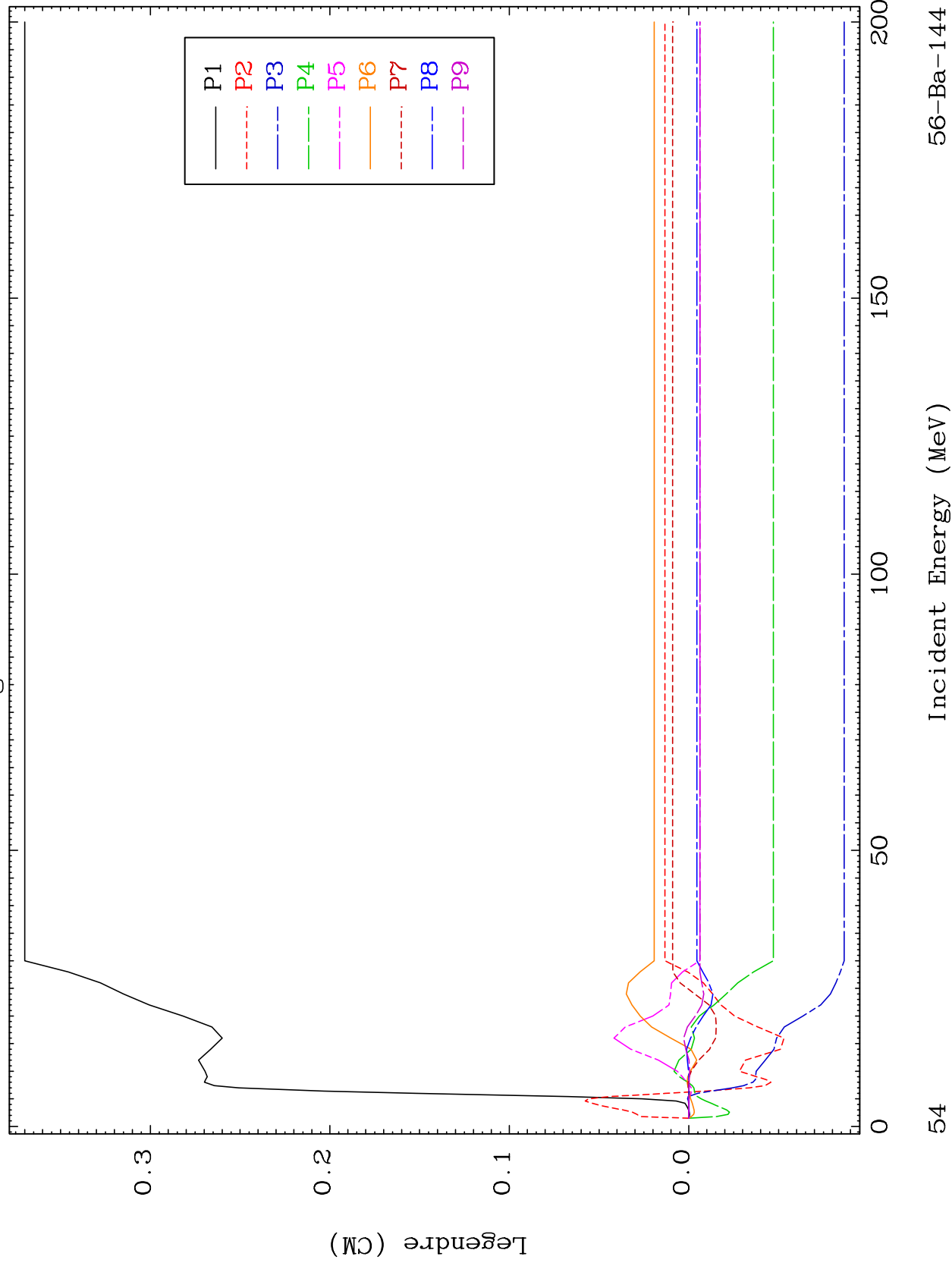
56-Ba-144



MAT 5667

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

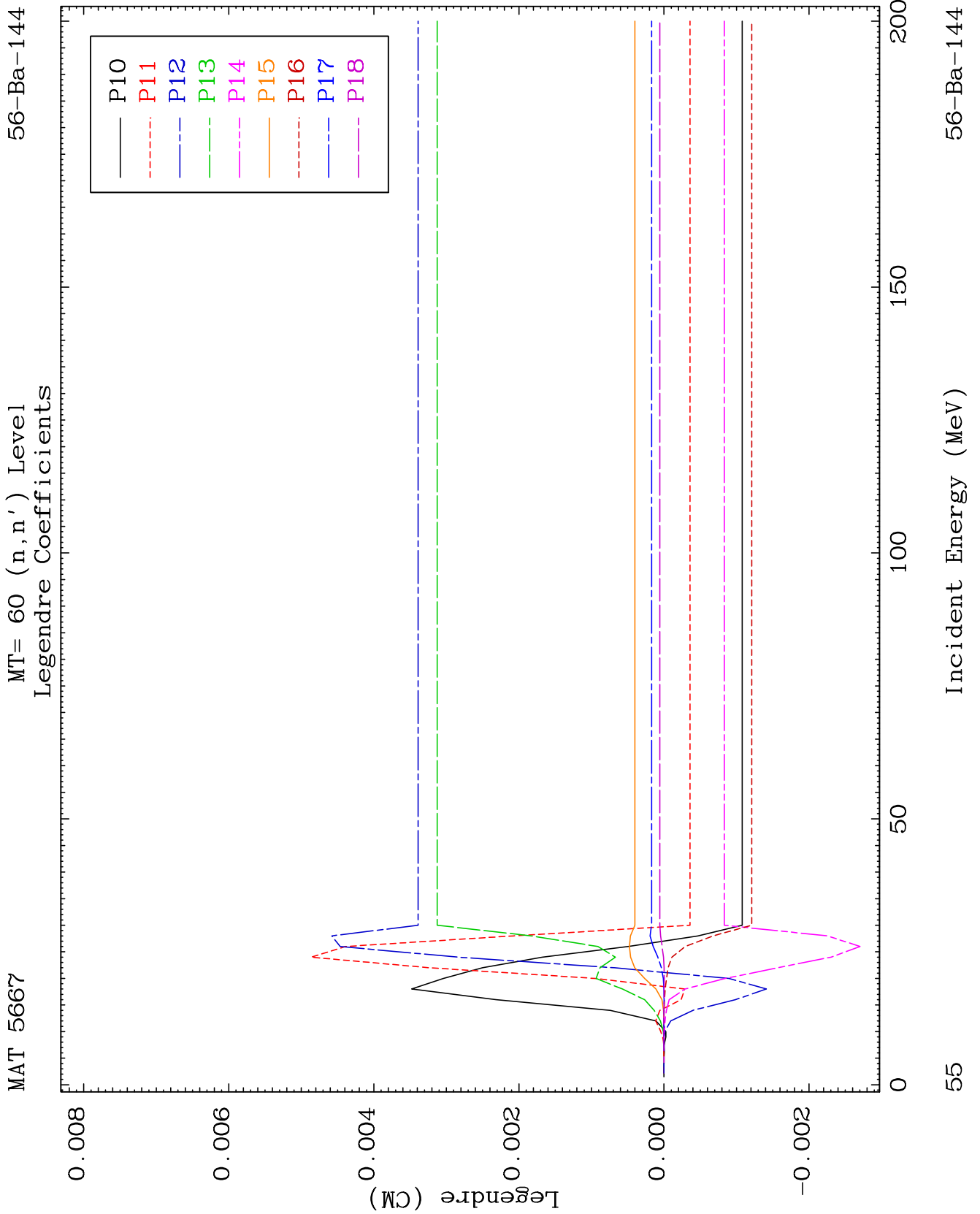
56-Ba-144



56-Ba-144

Incident Energy (MeV)

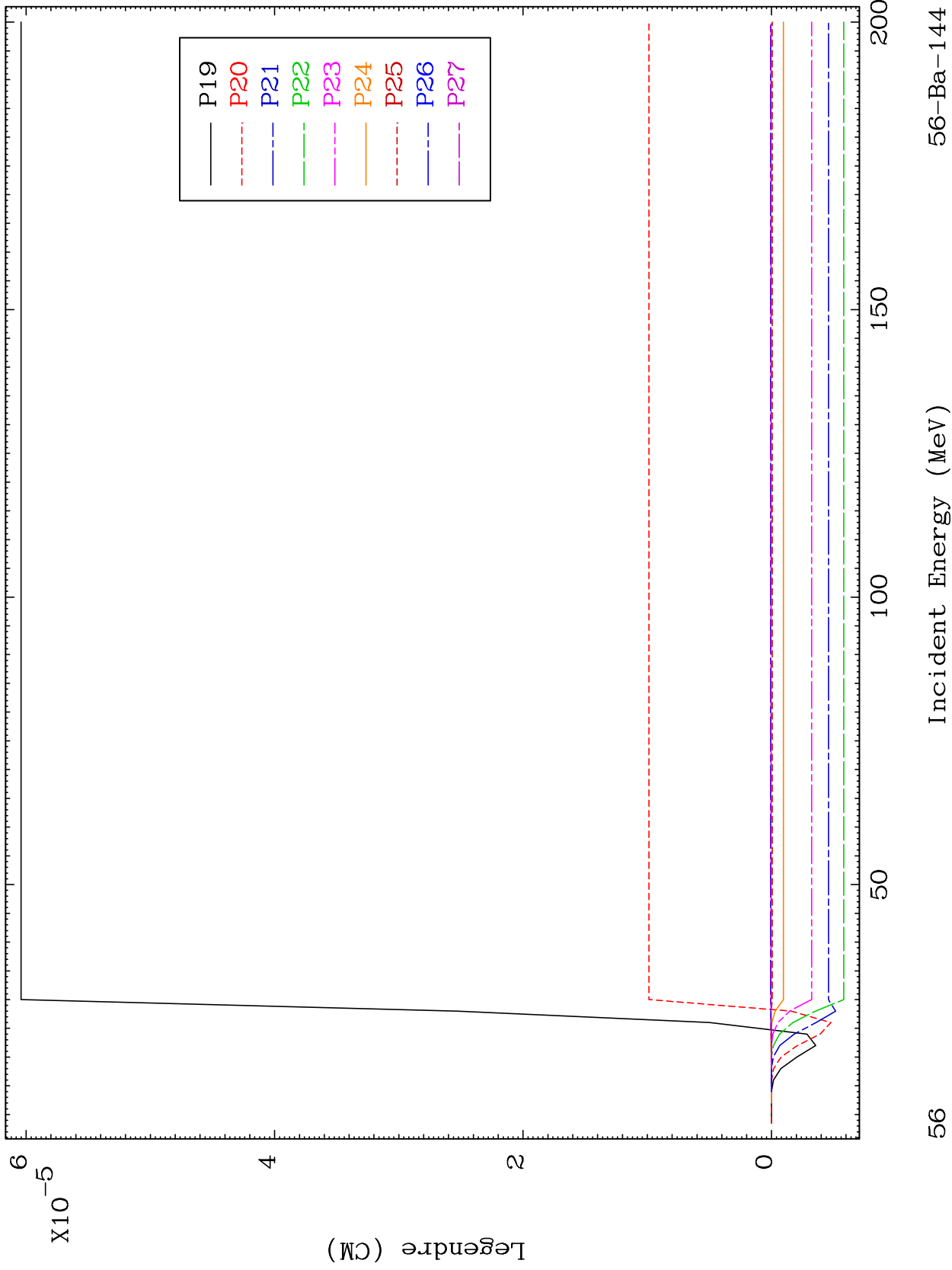
54



MAT 5667

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

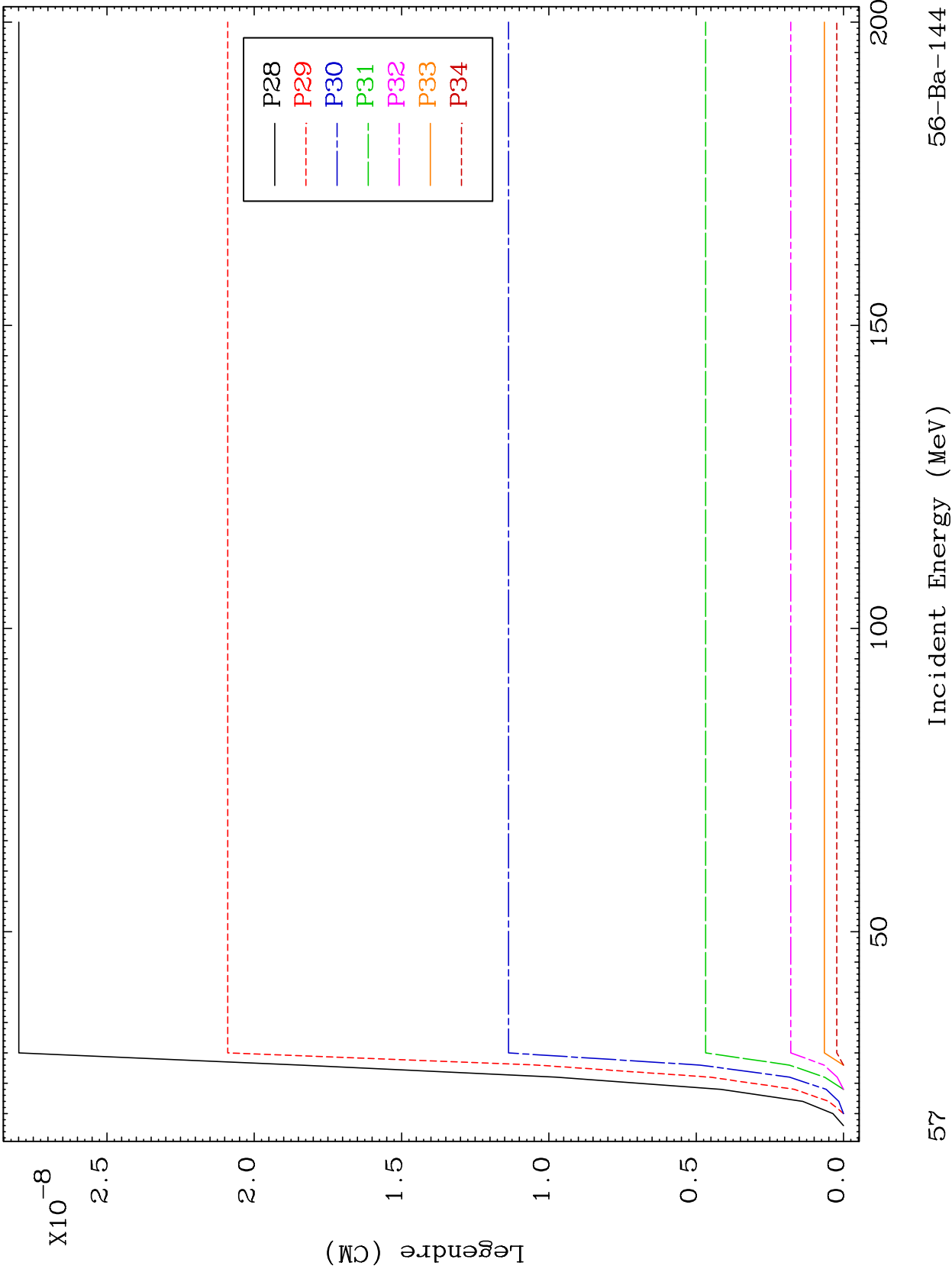
56-Ba-144



MAT 5667

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

56-Ba-144



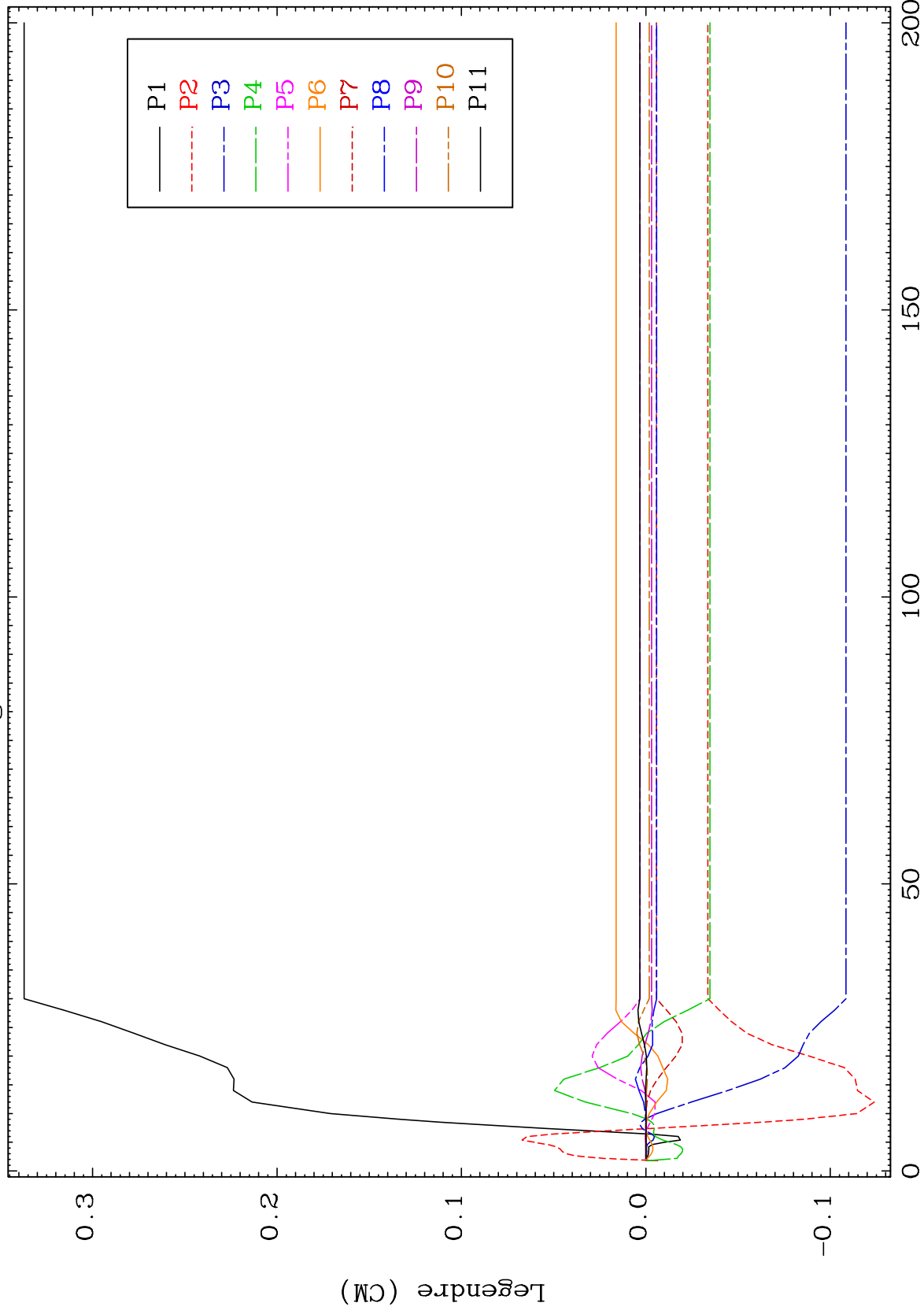
57

56-Ba-144

MAT 5667

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

56-Ba-144



58

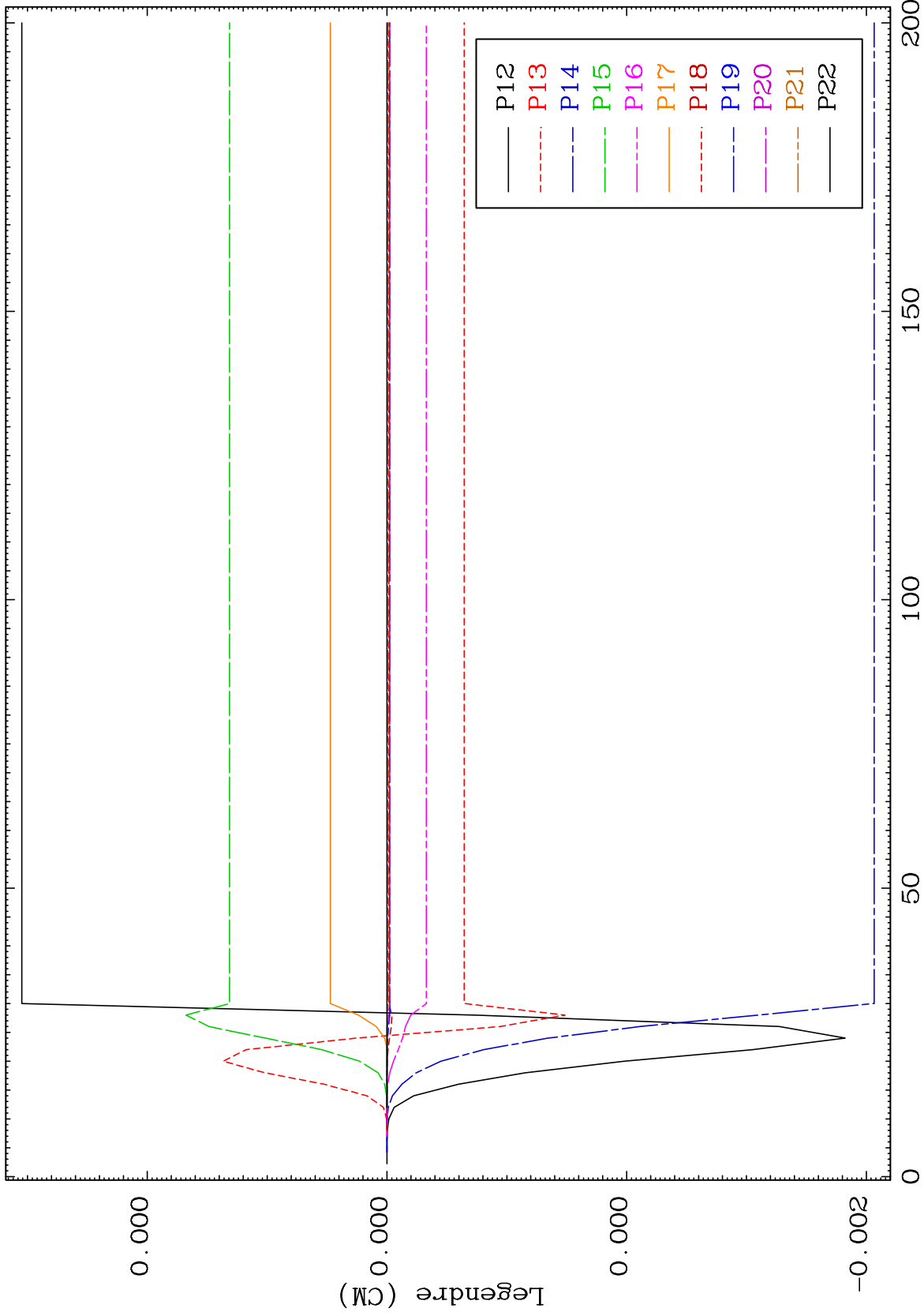
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



59

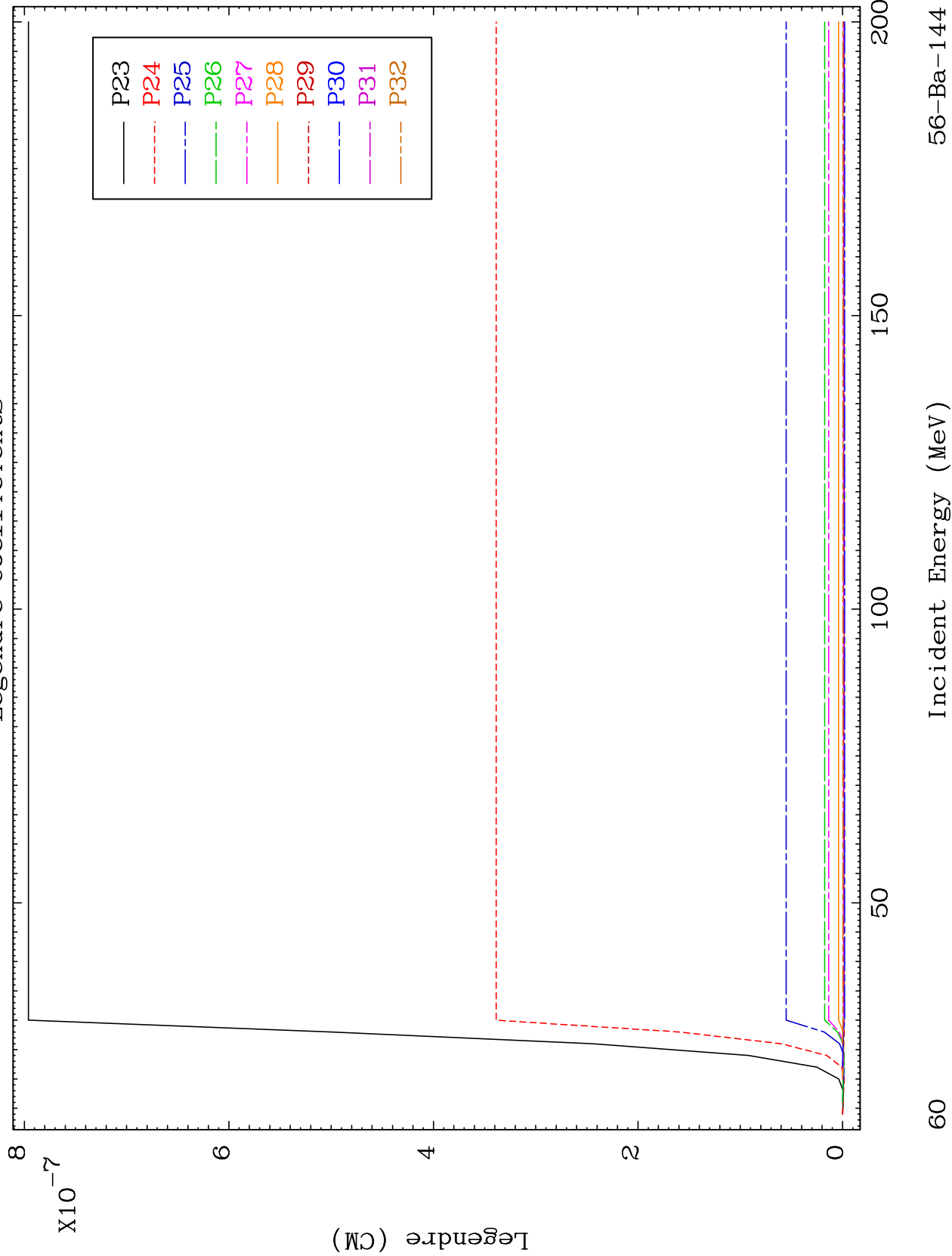
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

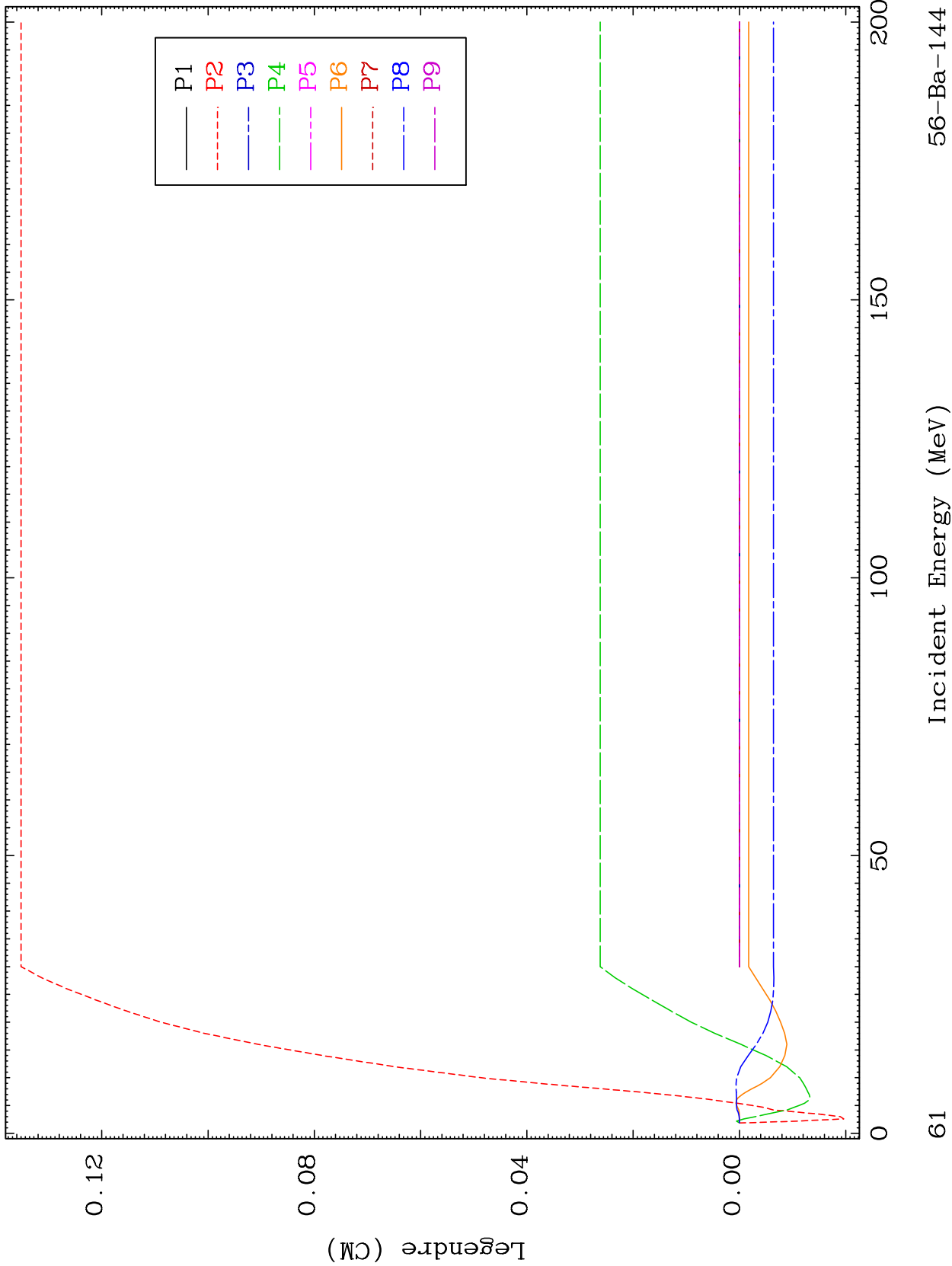
56-Ba-144



MAT 5667

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

56-Ba-144



56-Ba-144

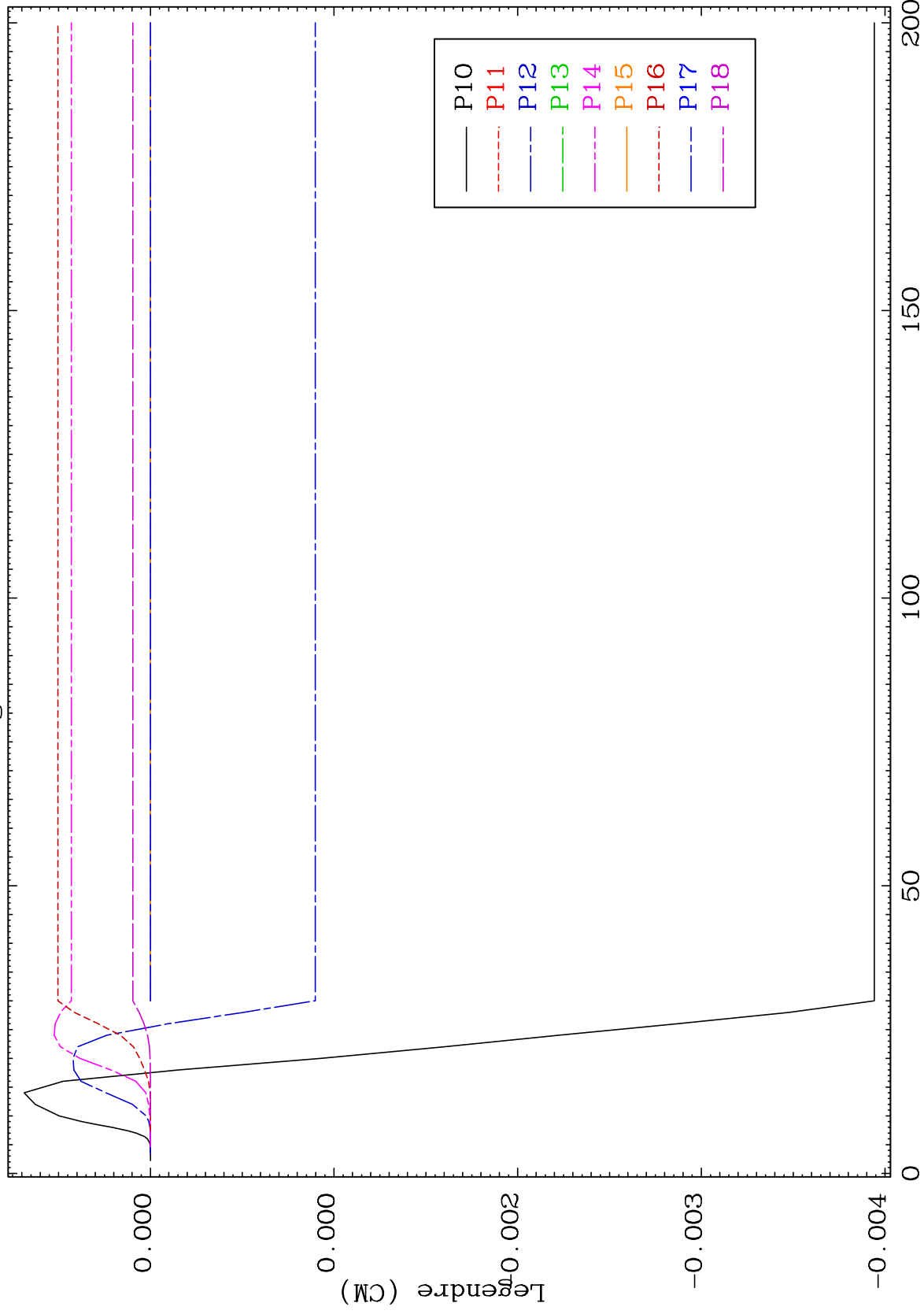
Incident Energy (MeV)

61

MAT 5667

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

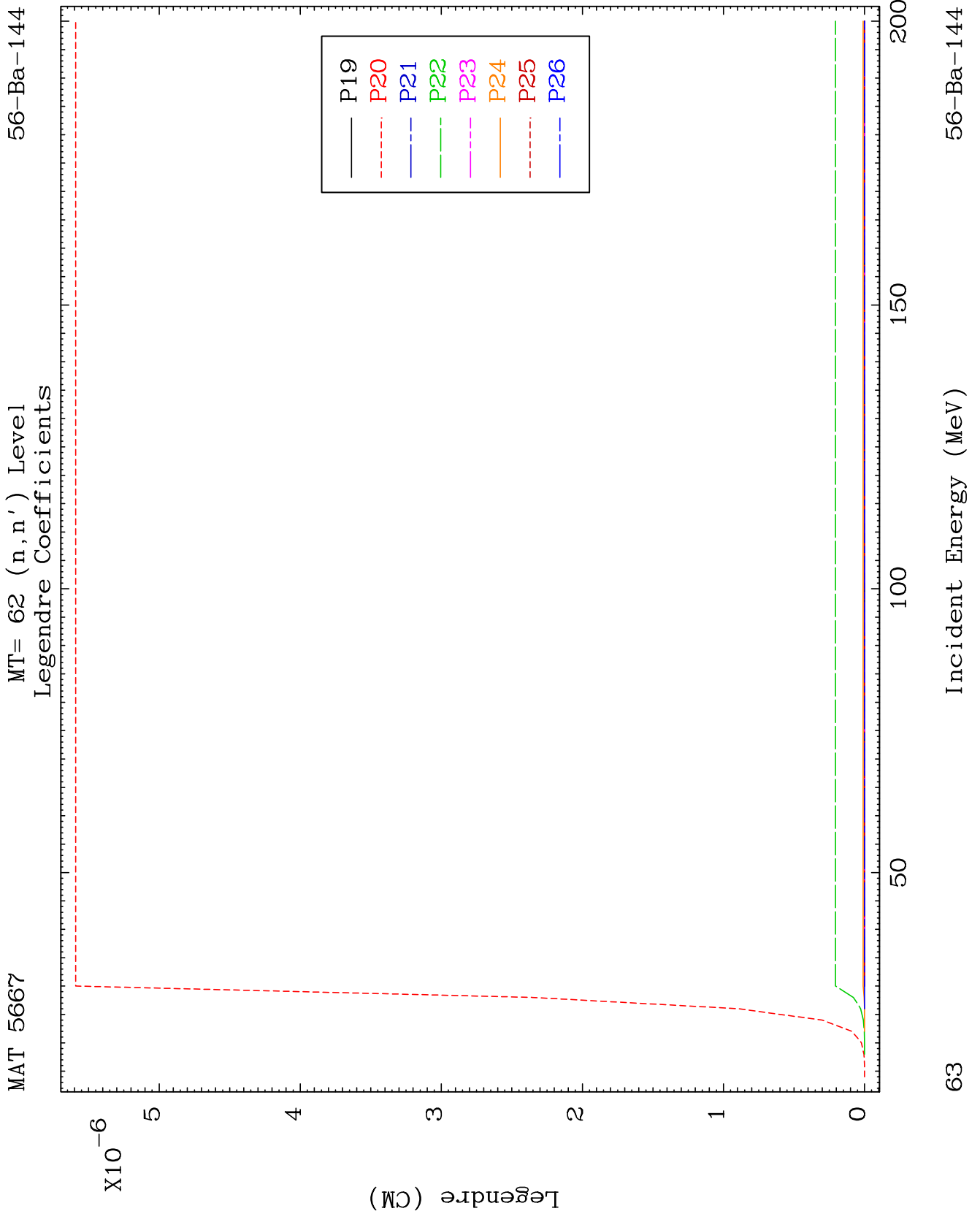
56-Ba-144



62

Incident Energy (MeV)

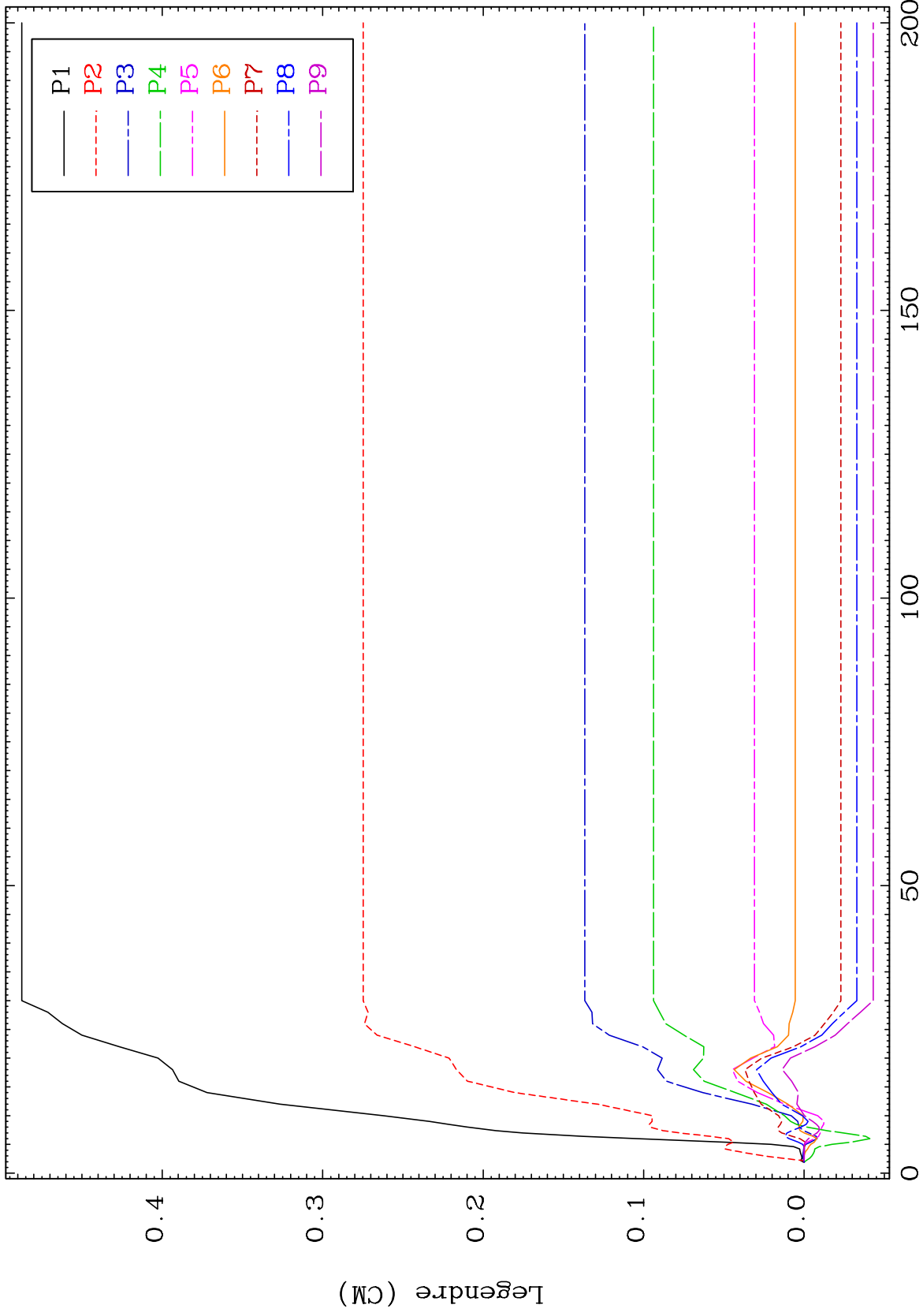
56-Ba-144



MAT 5667

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

56-Ba-144



64

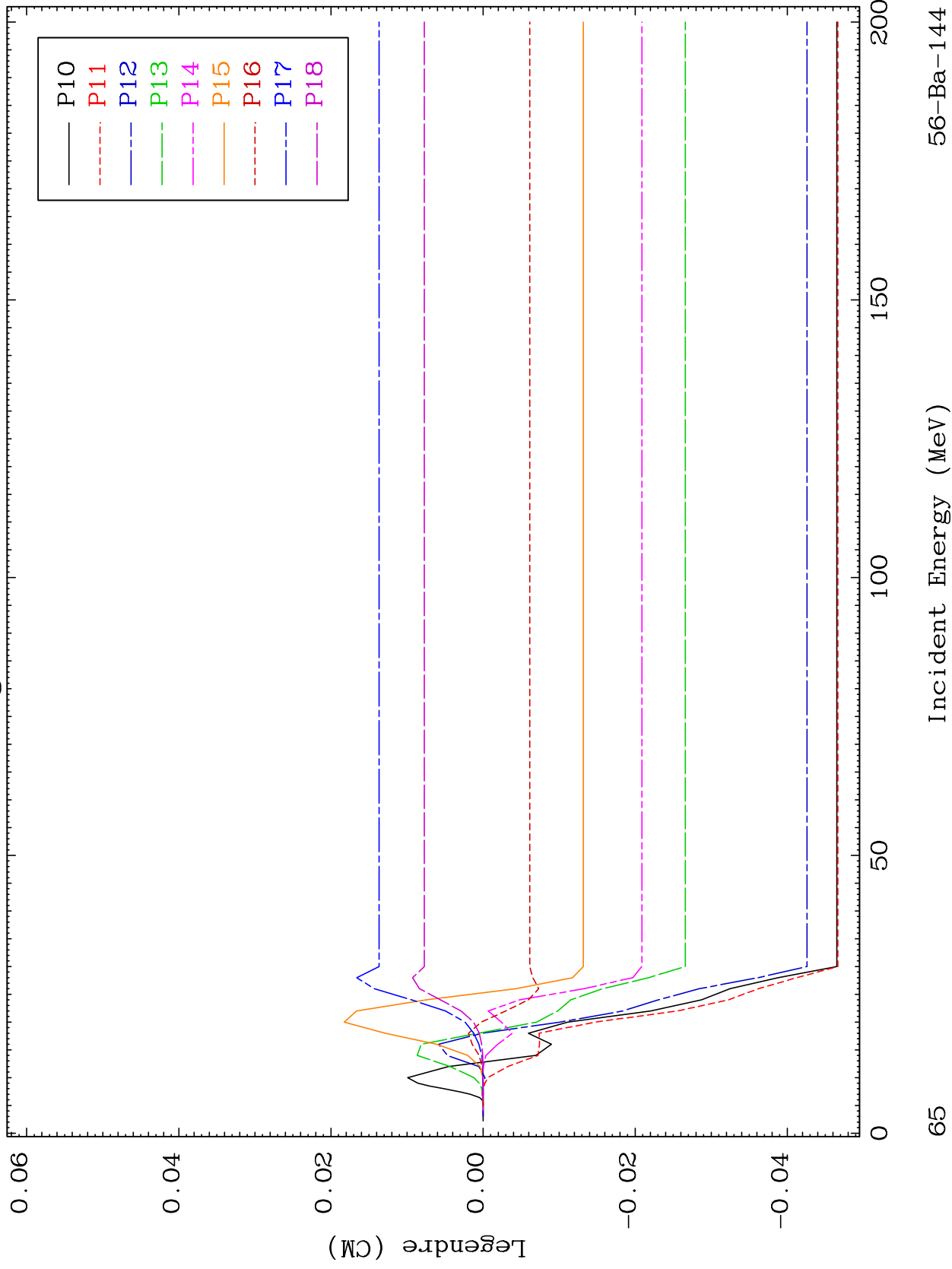
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



56-Ba-144

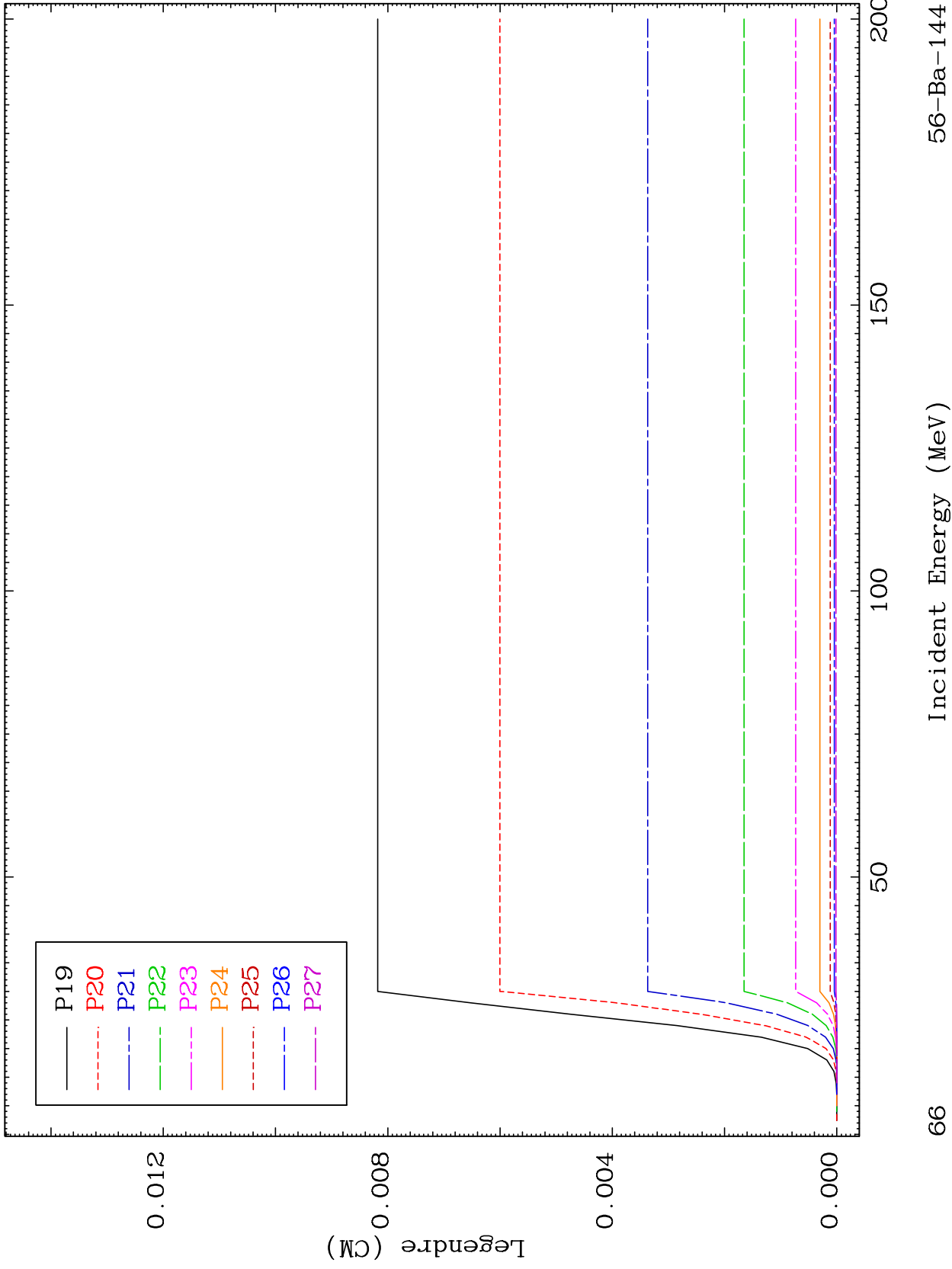
Incident Energy (MeV)

65

MAT 5667

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

56-Ba-144



66

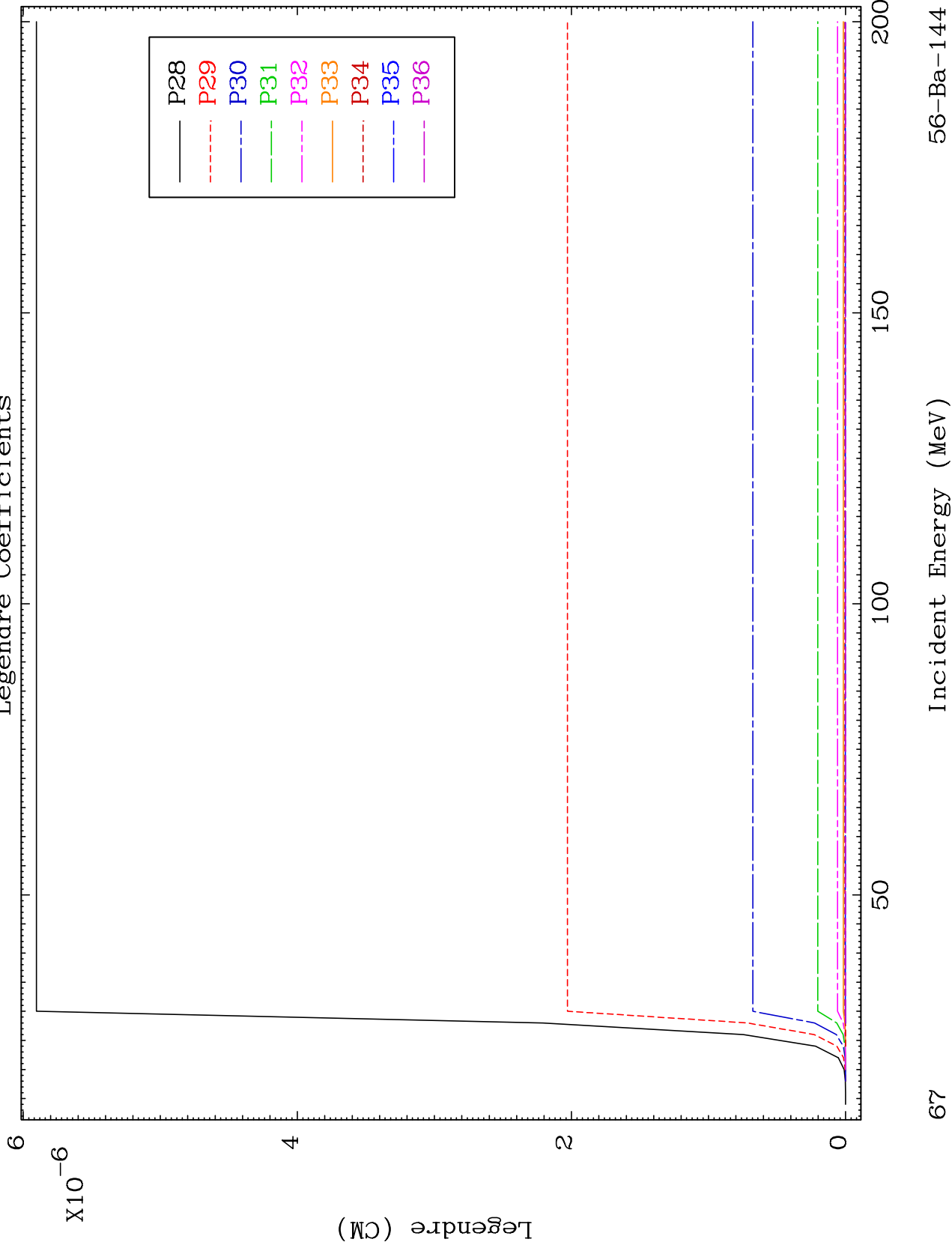
56-Ba-144

Incident Energy (MeV)

MAT 5667

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

56-Ba-144



67

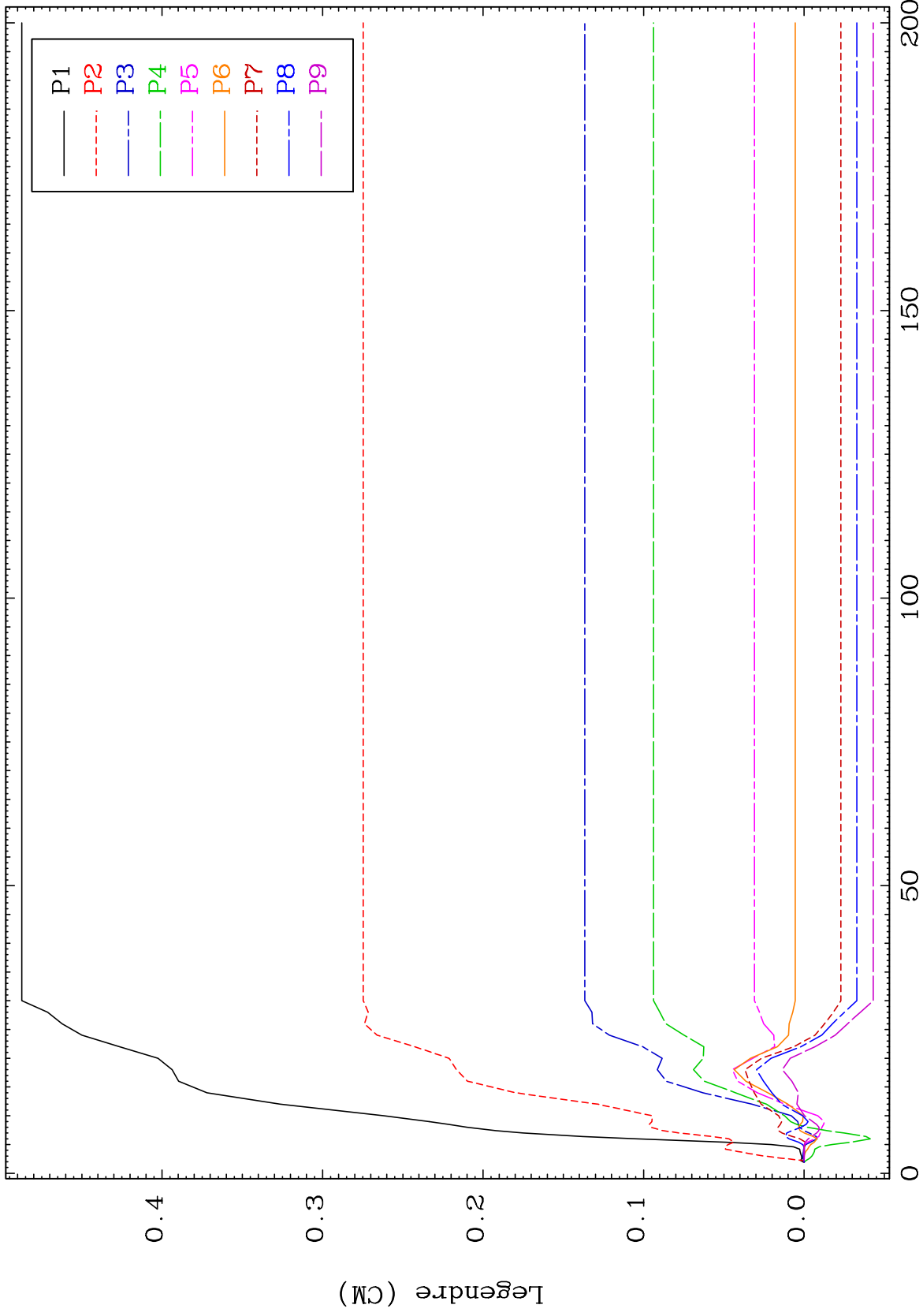
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



56-Ba-144

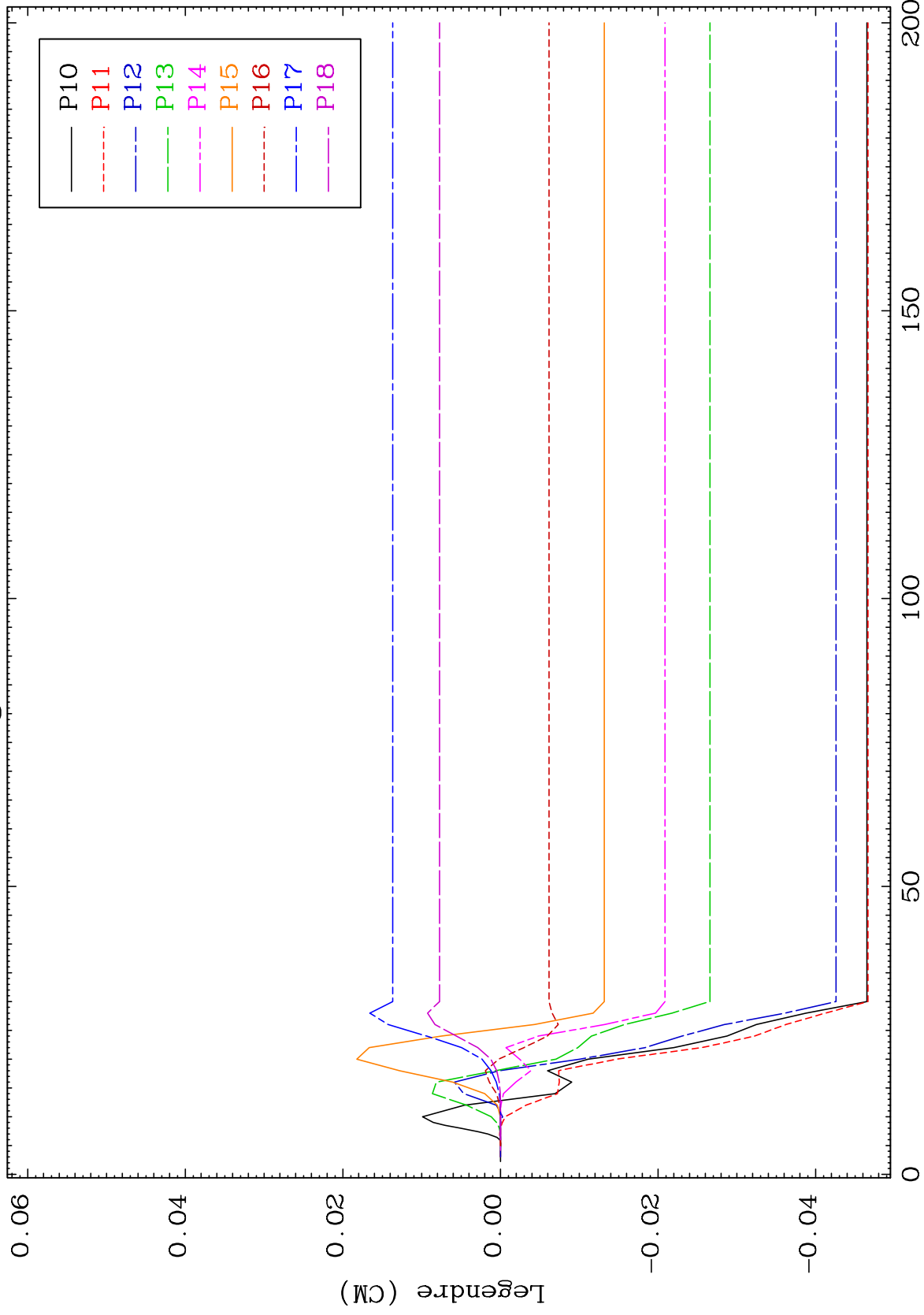
Incident Energy (MeV)

68

MAT 5667

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

56-Ba-144



69

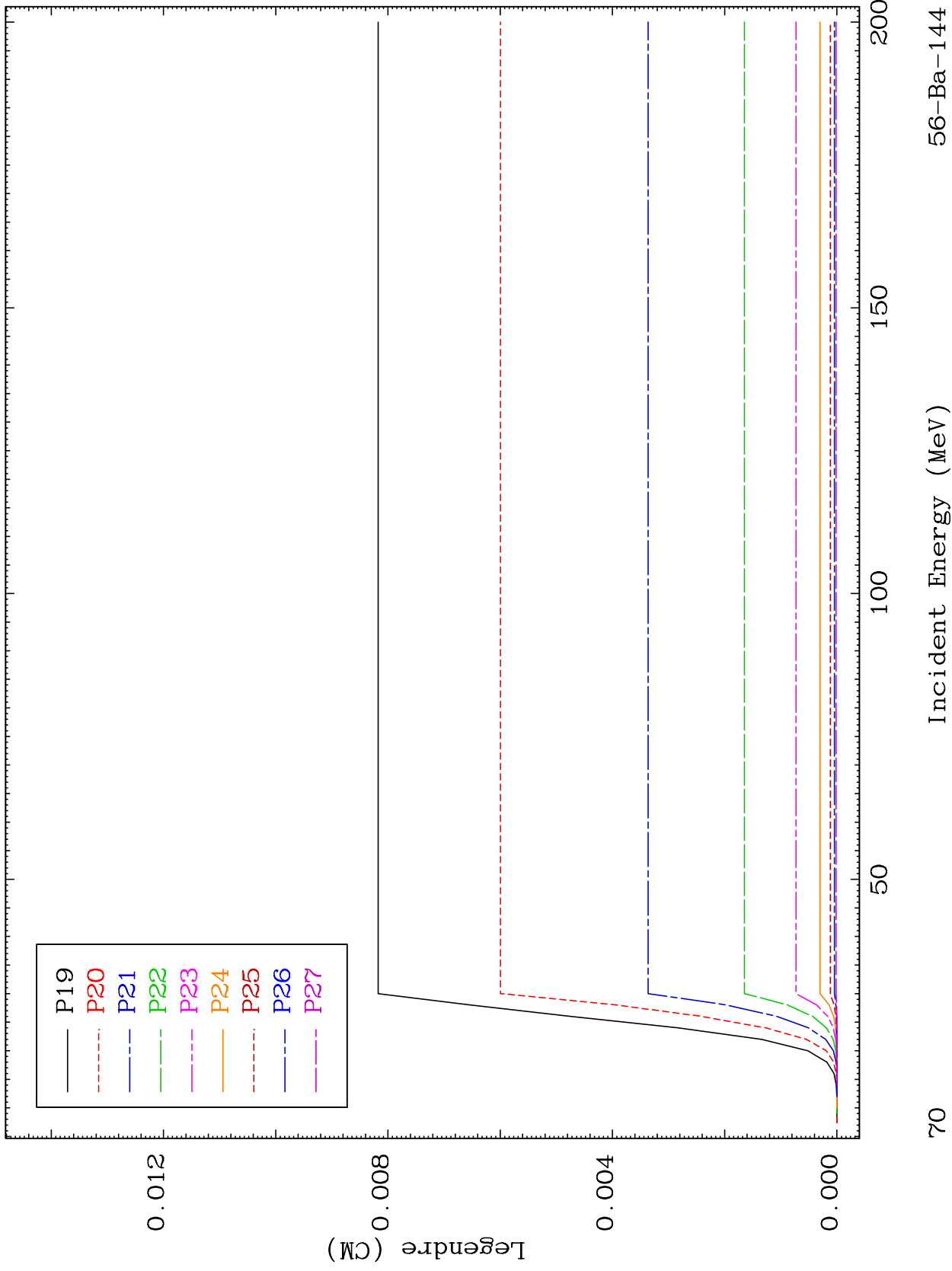
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



70

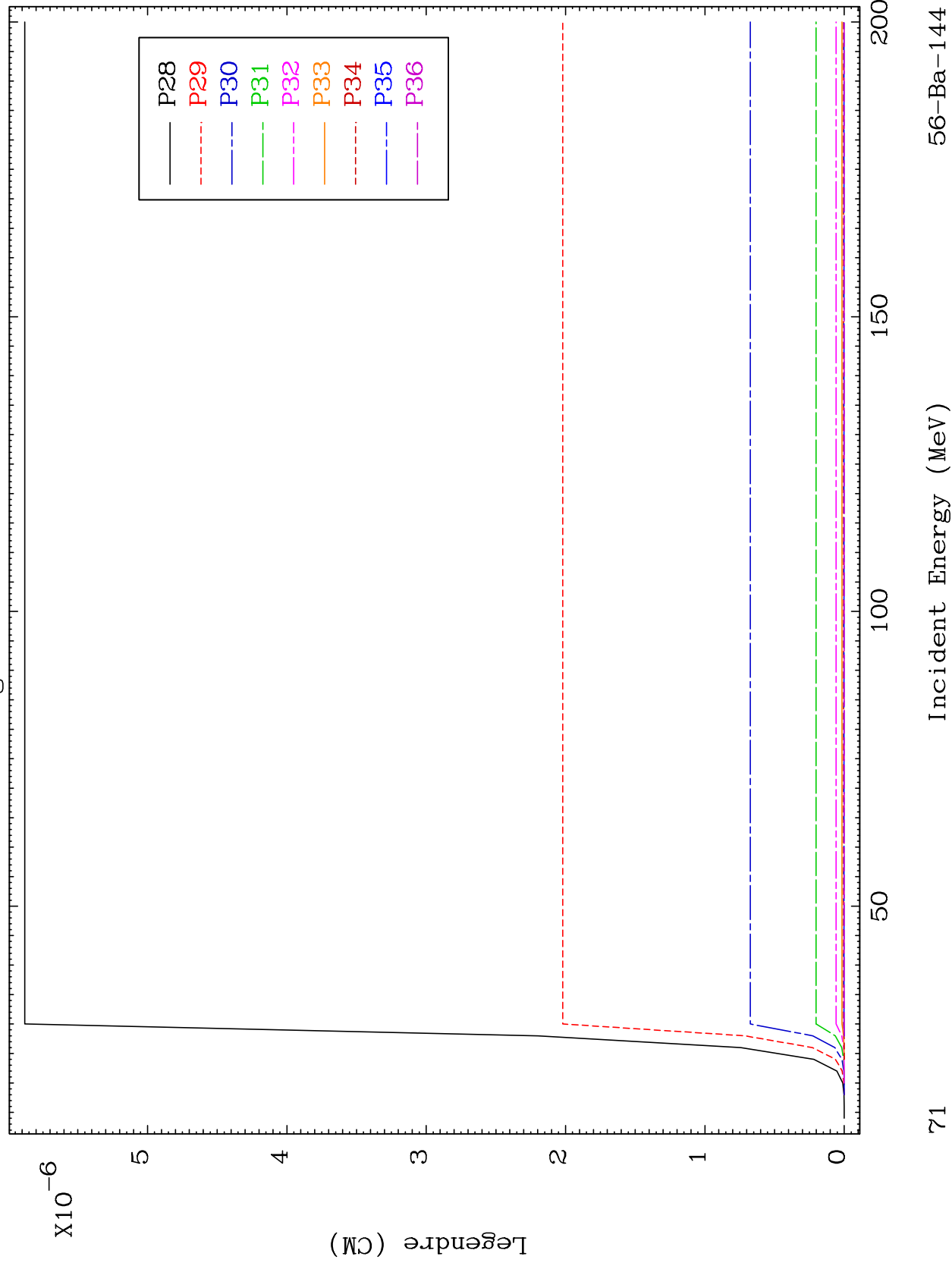
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

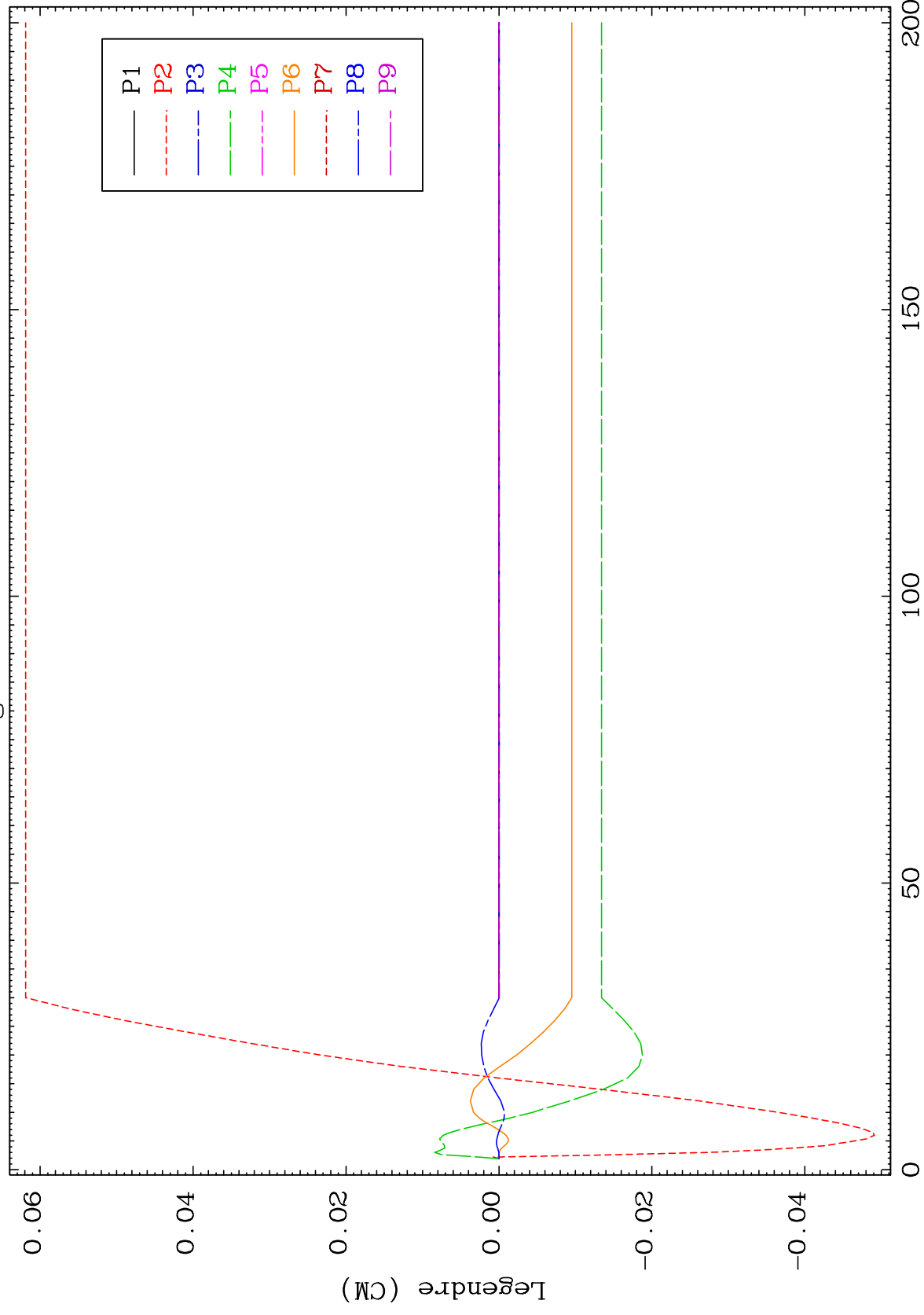
56-Ba-144



MAT 5667

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

56-Ba-144



72

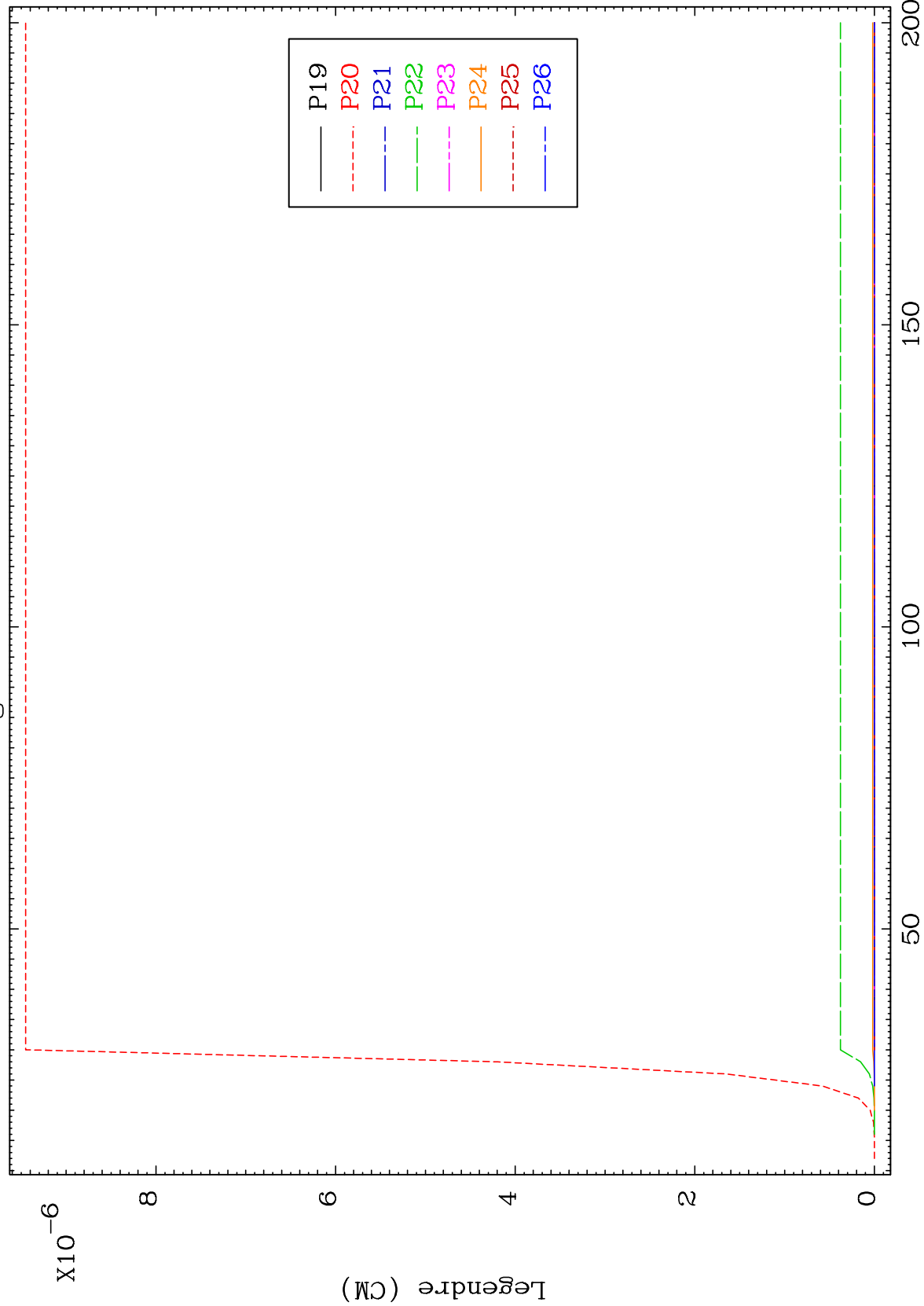
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



56-Ba-144

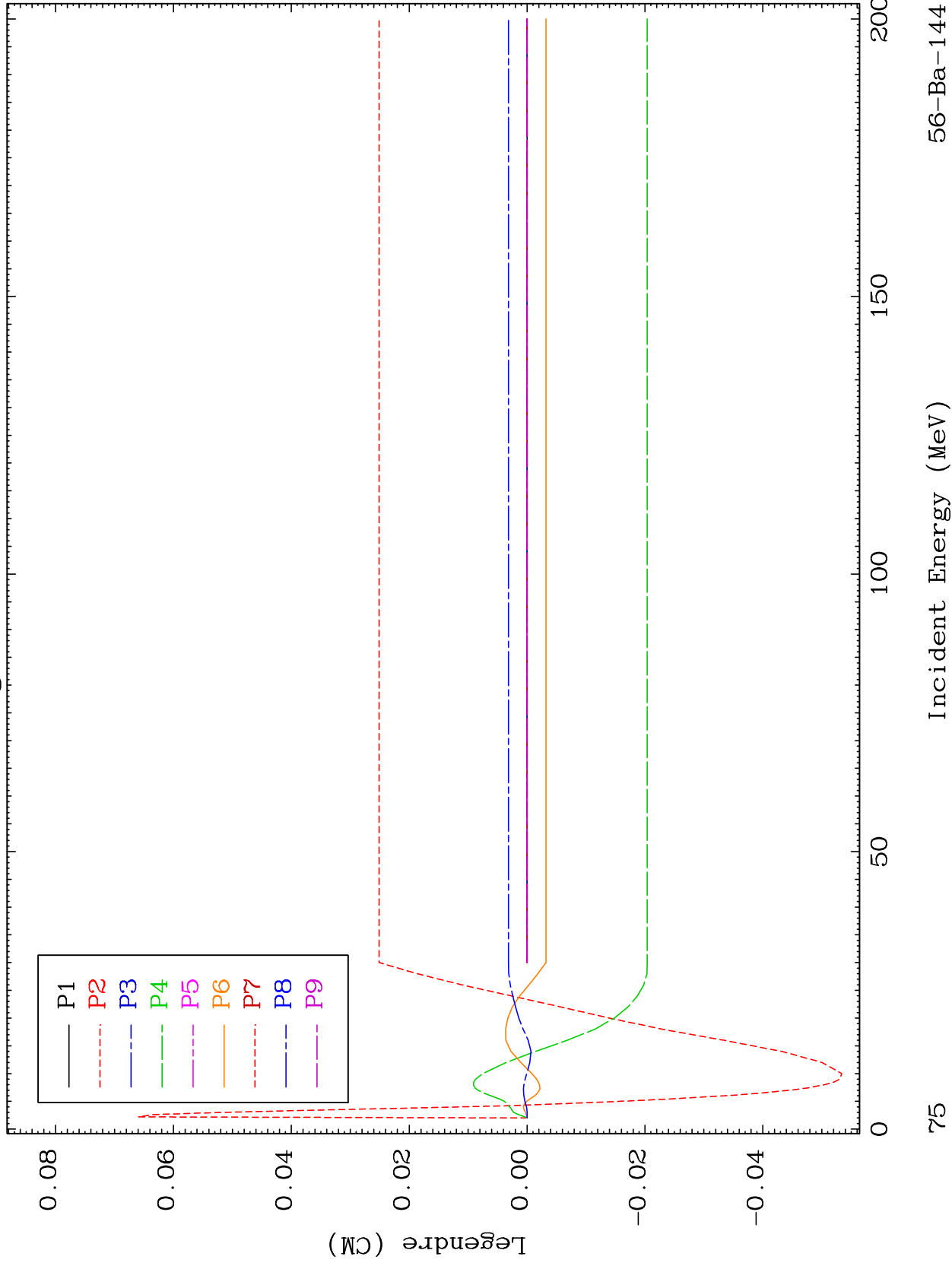
Incident Energy (MeV)

74

MAT 5667

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

56-Ba-144



56-Ba-144

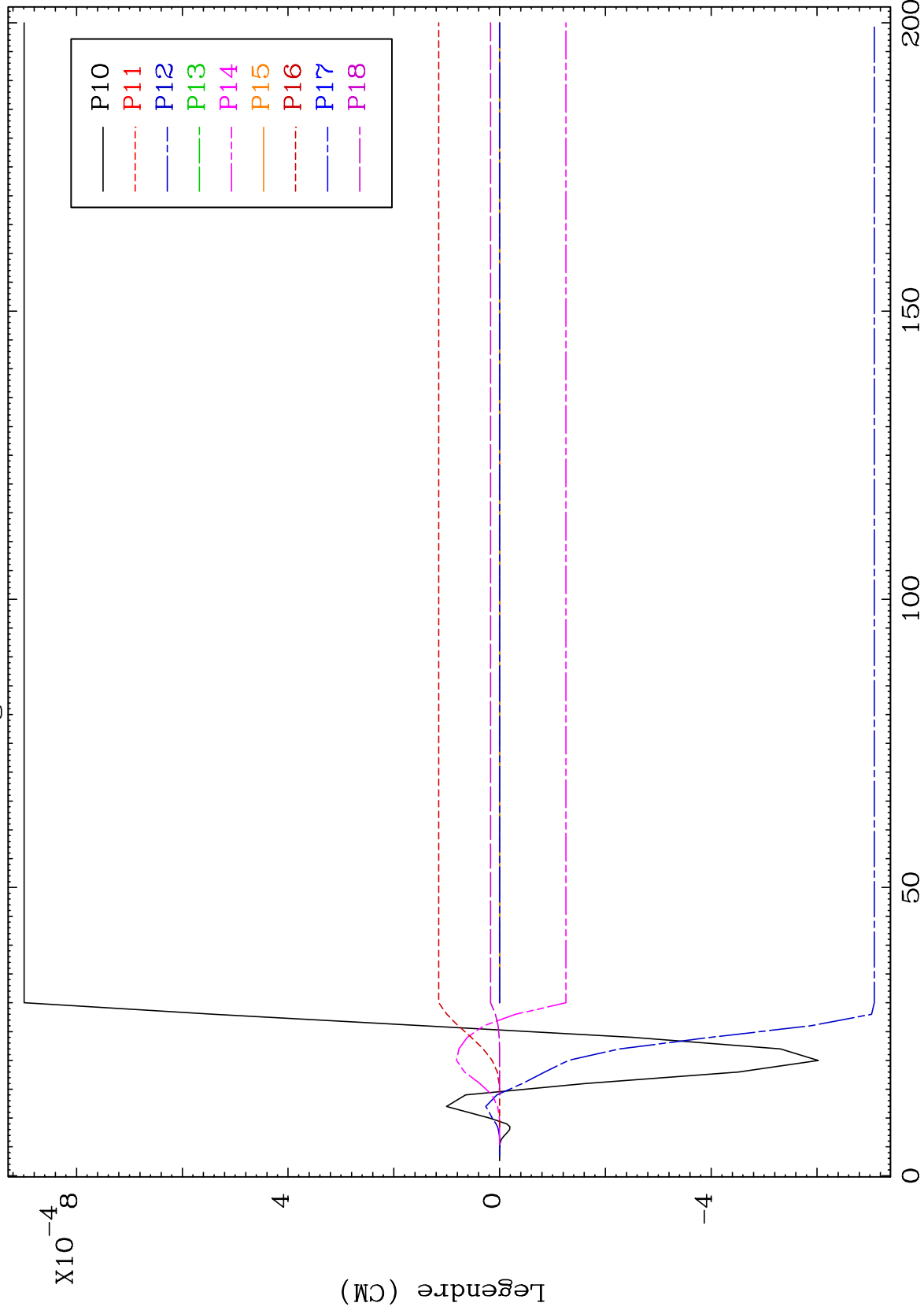
Incident Energy (MeV)

75

MAT 5667

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

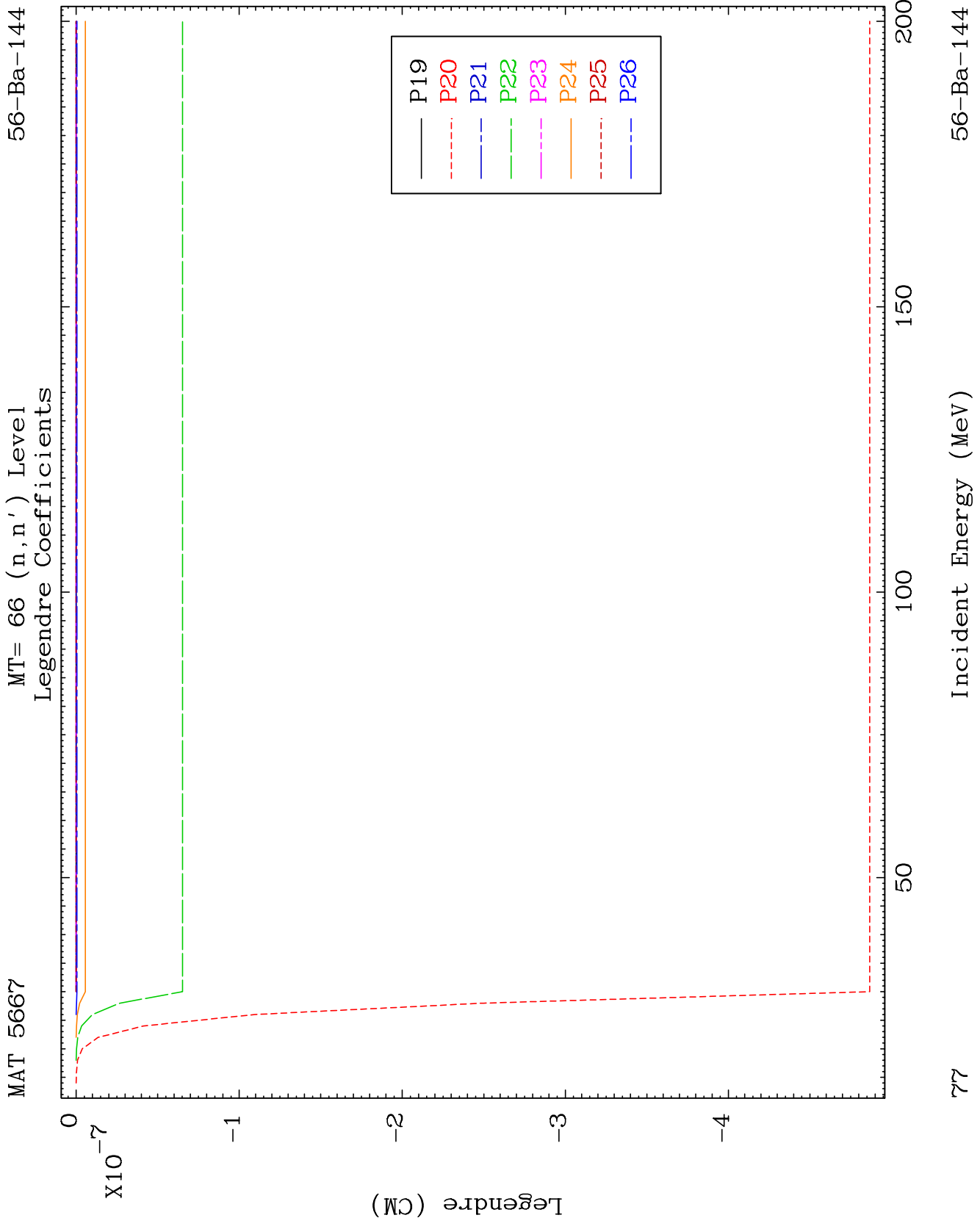
56-Ba-144



76

Incident Energy (MeV)

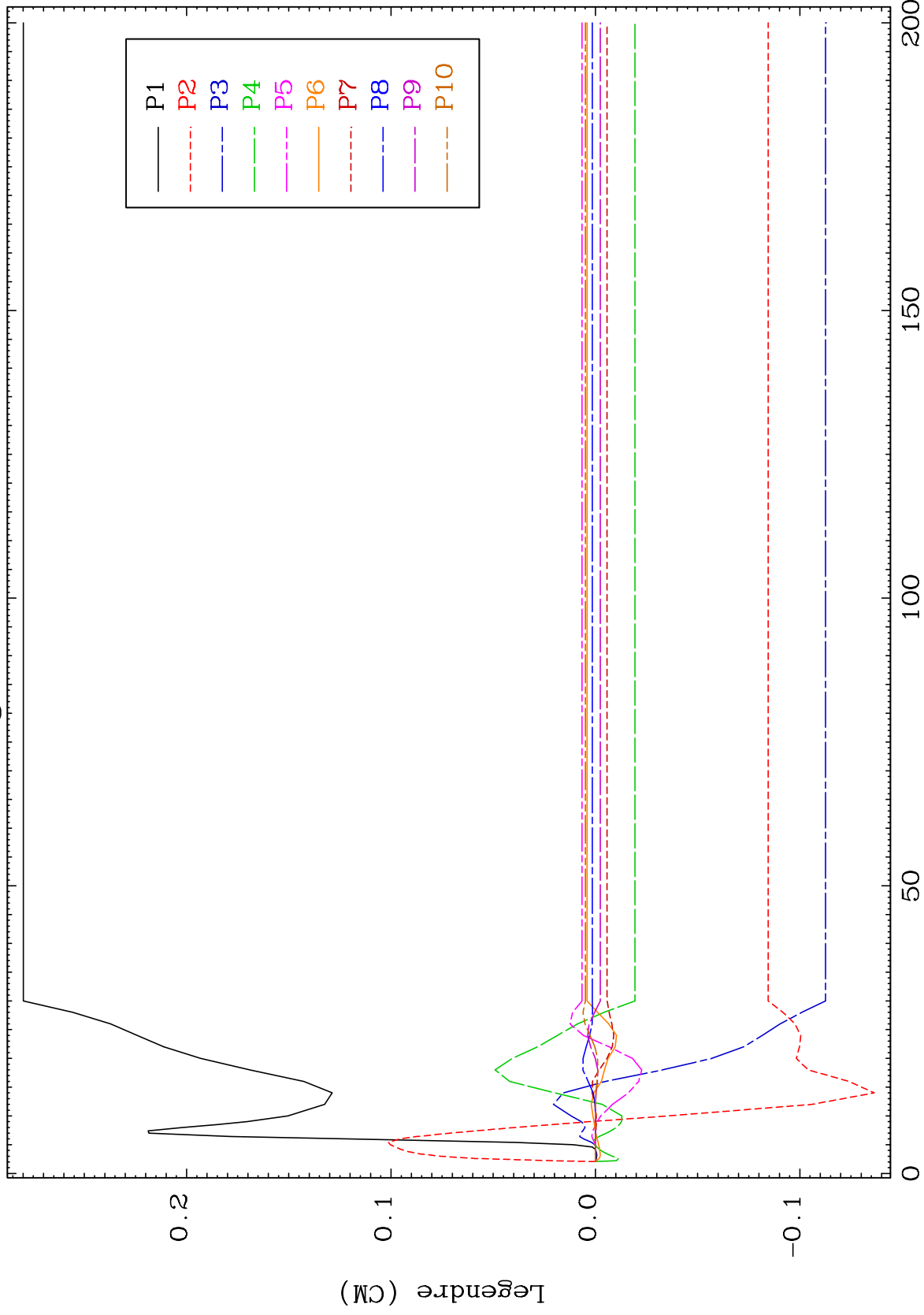
56-Ba-144



MAT 5667

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

56-Ba-144



78

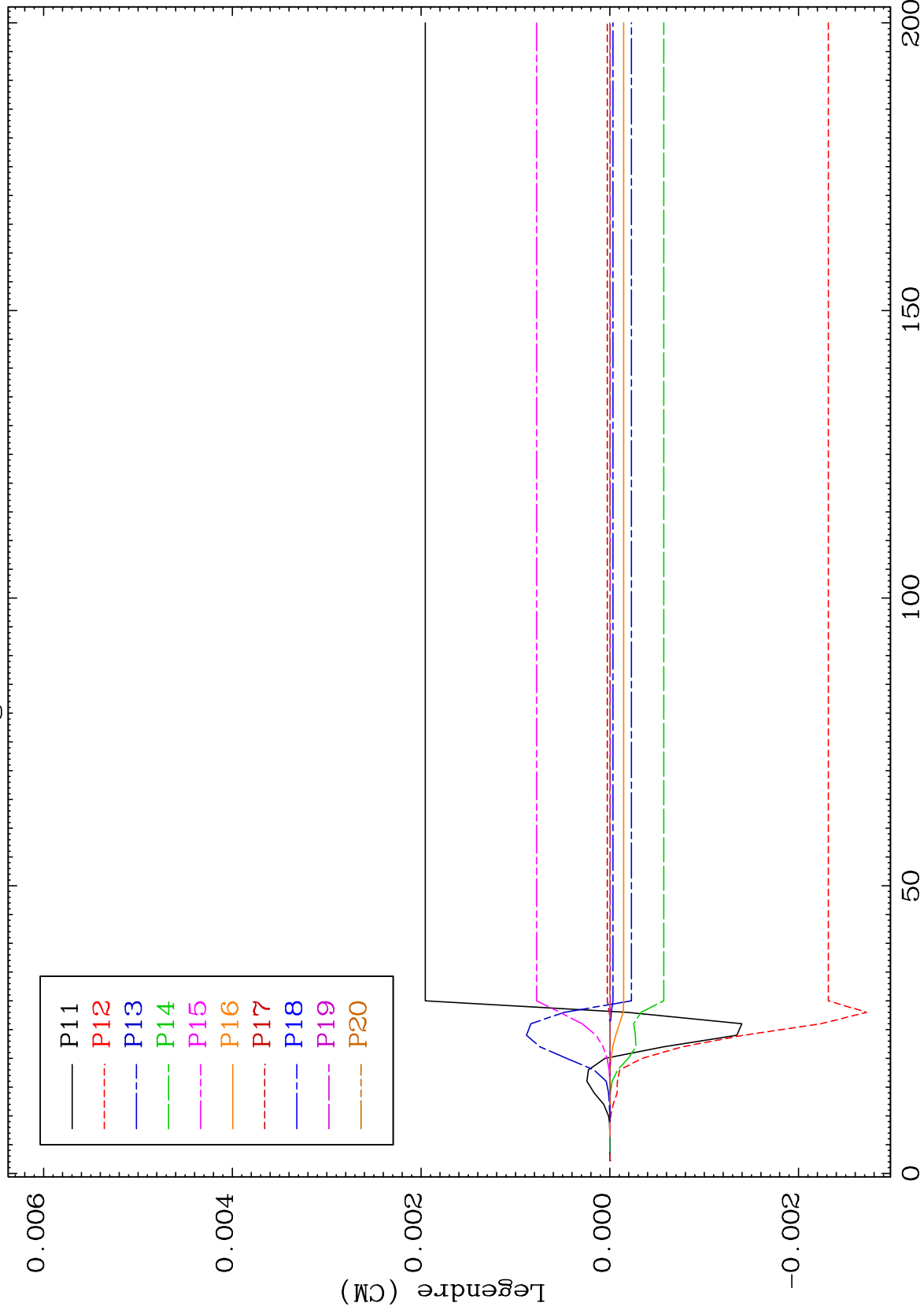
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



79

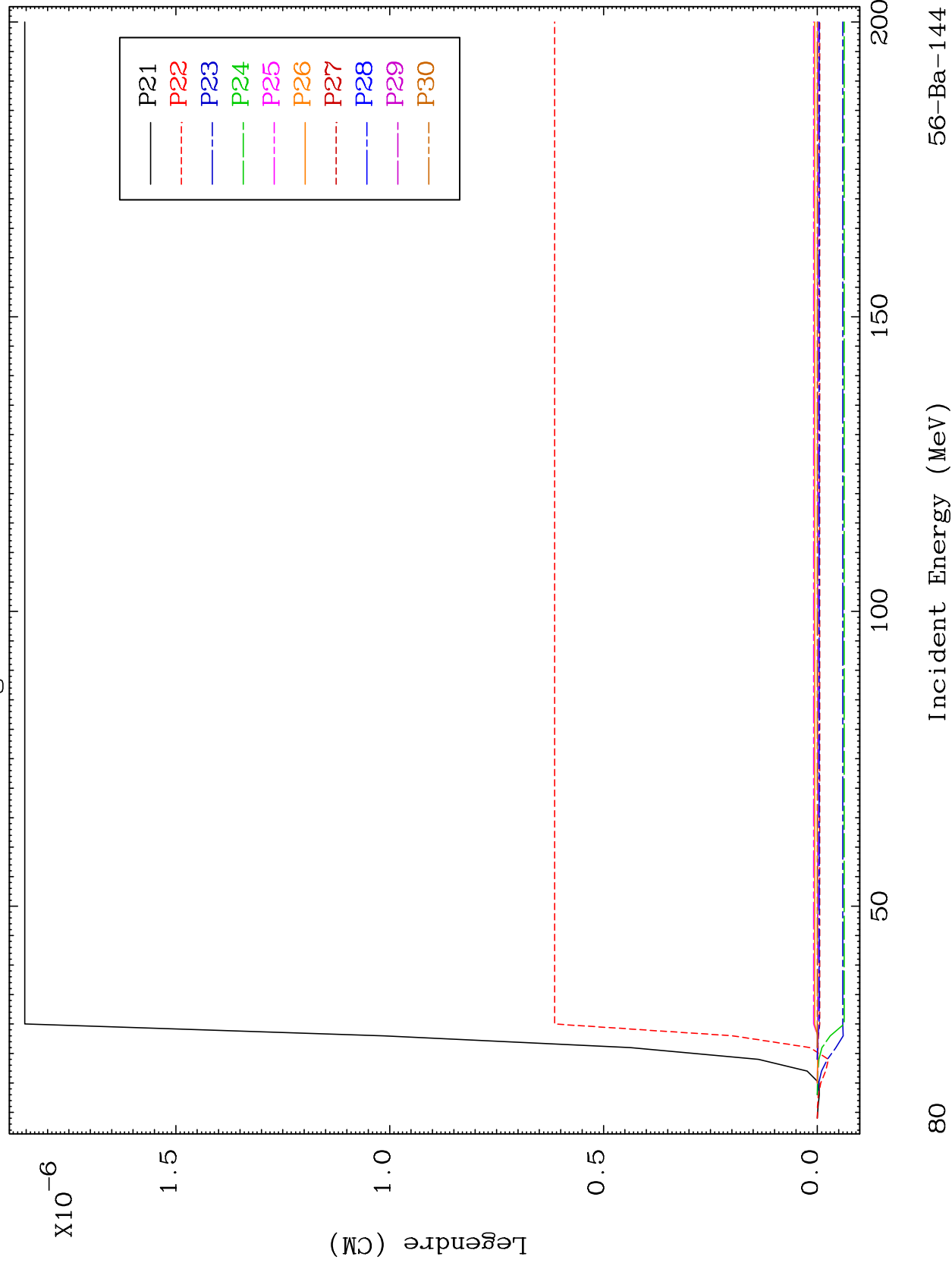
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

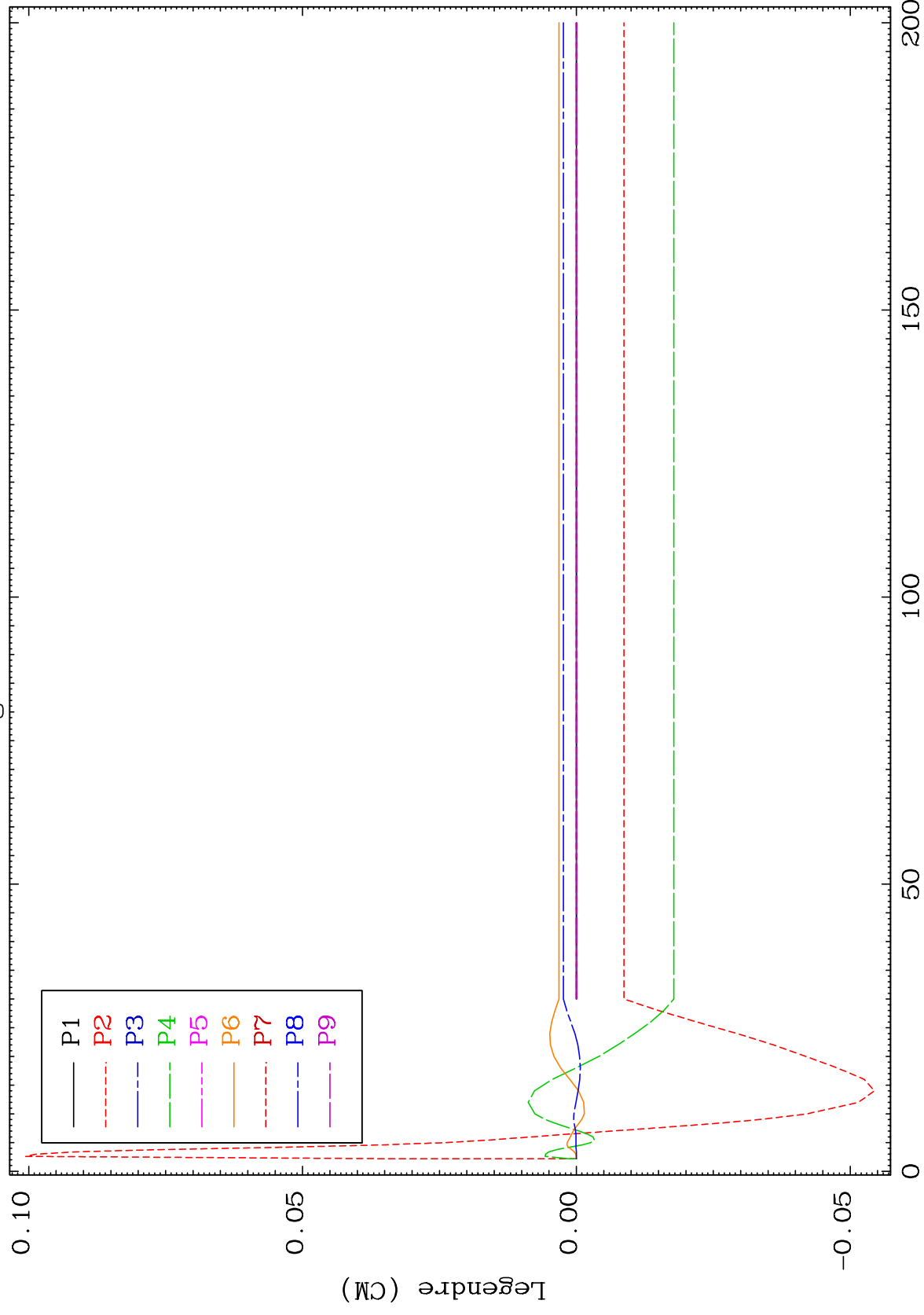
56-Ba-144



MAT 5667

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

56-Ba-144



81

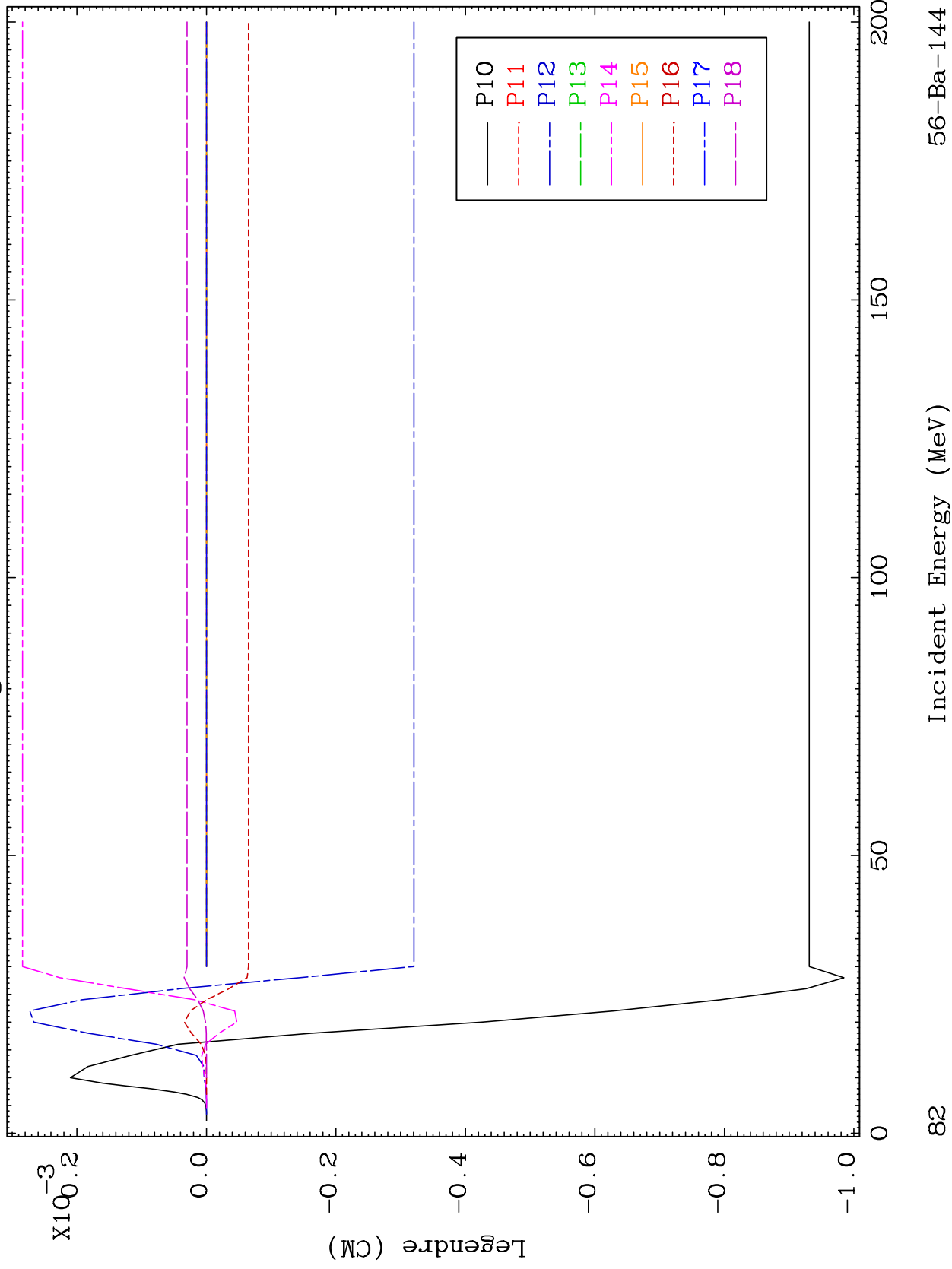
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



82

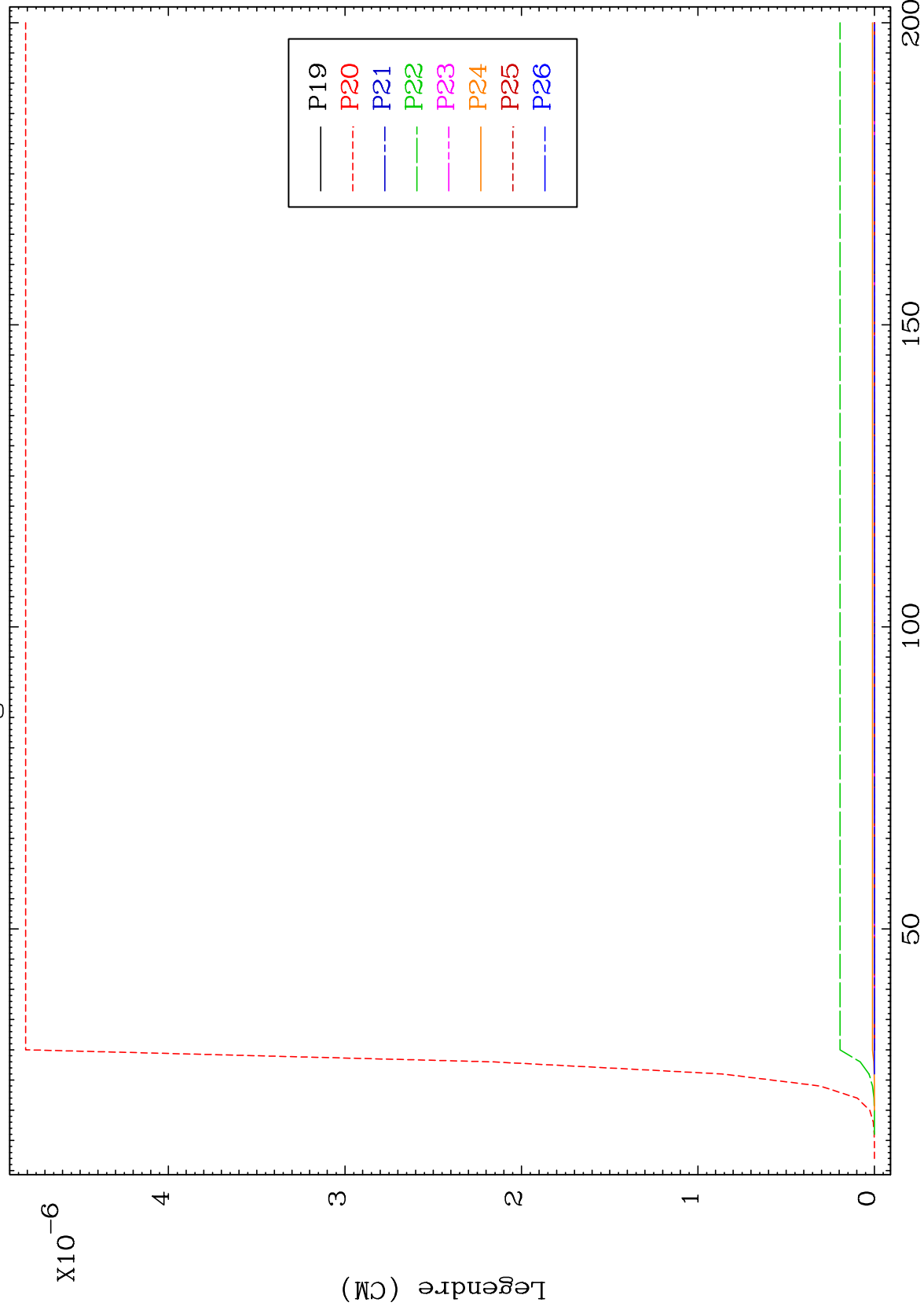
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



56-Ba-144

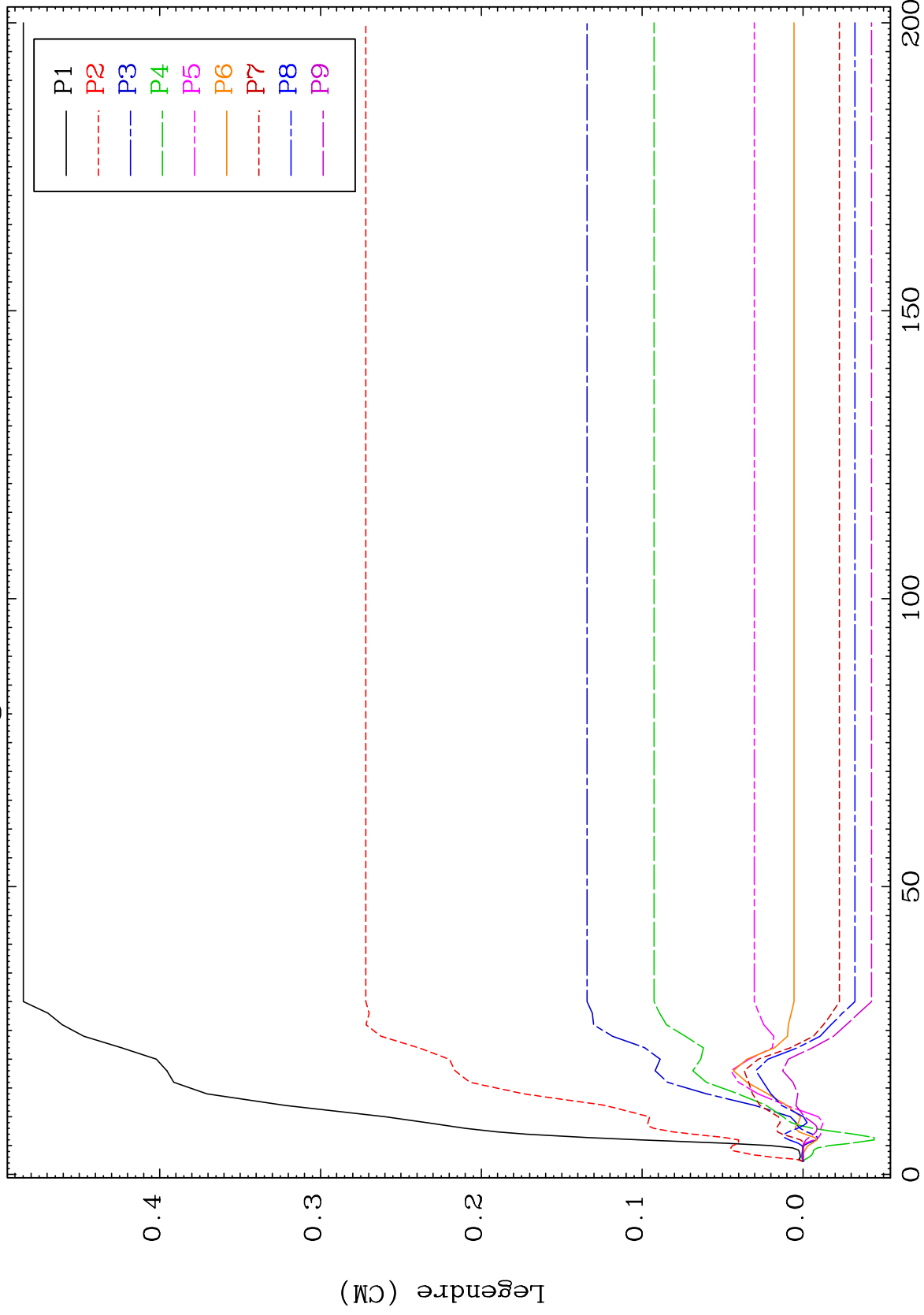
Incident Energy (MeV)

83

MAT 5667

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

56-Ba-144



84

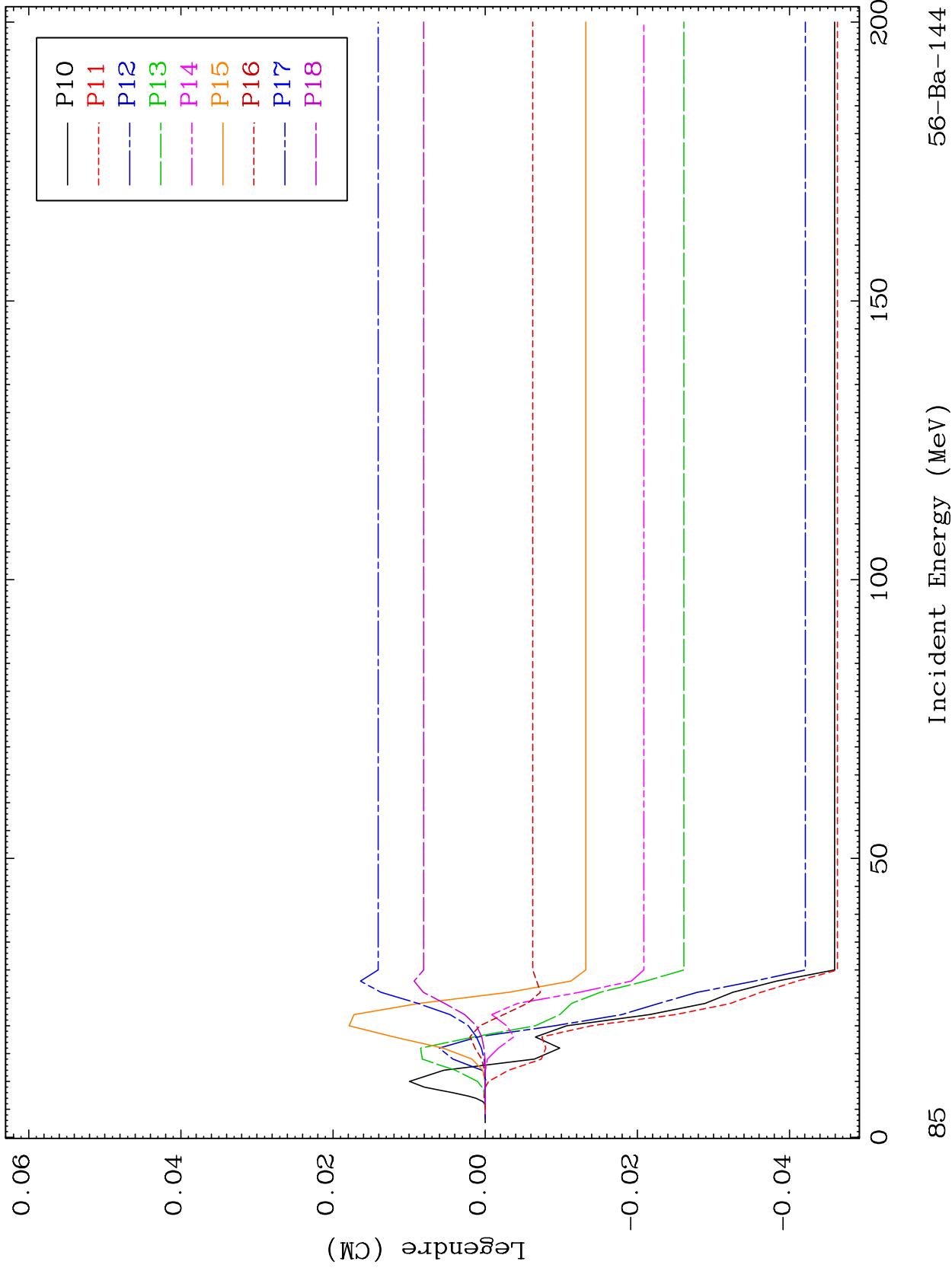
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



56-Ba-144

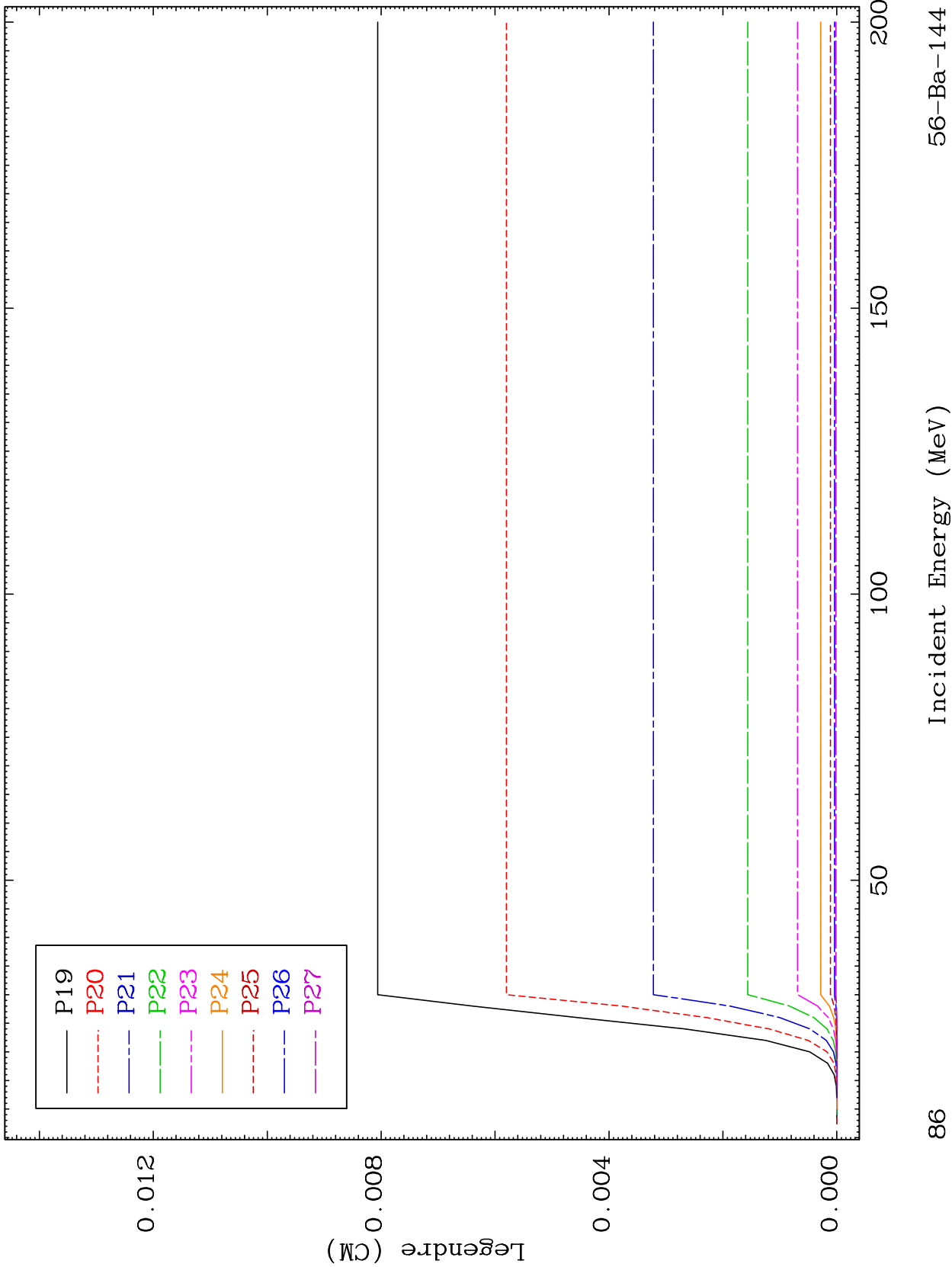
Incident Energy (MeV)

85

MAT 5667

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

56-Ba-144



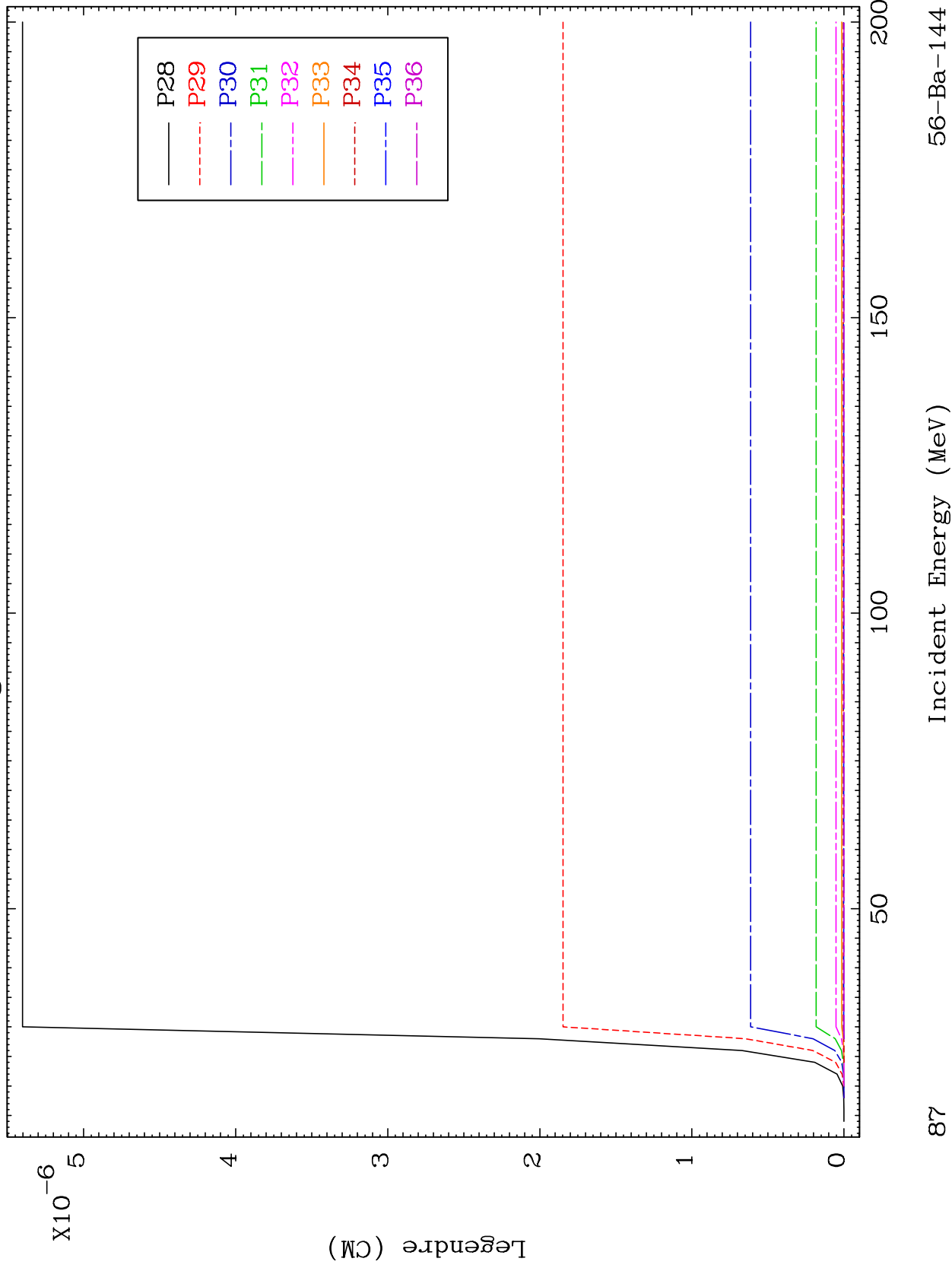
86

56-Ba-144

MAT 5667

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

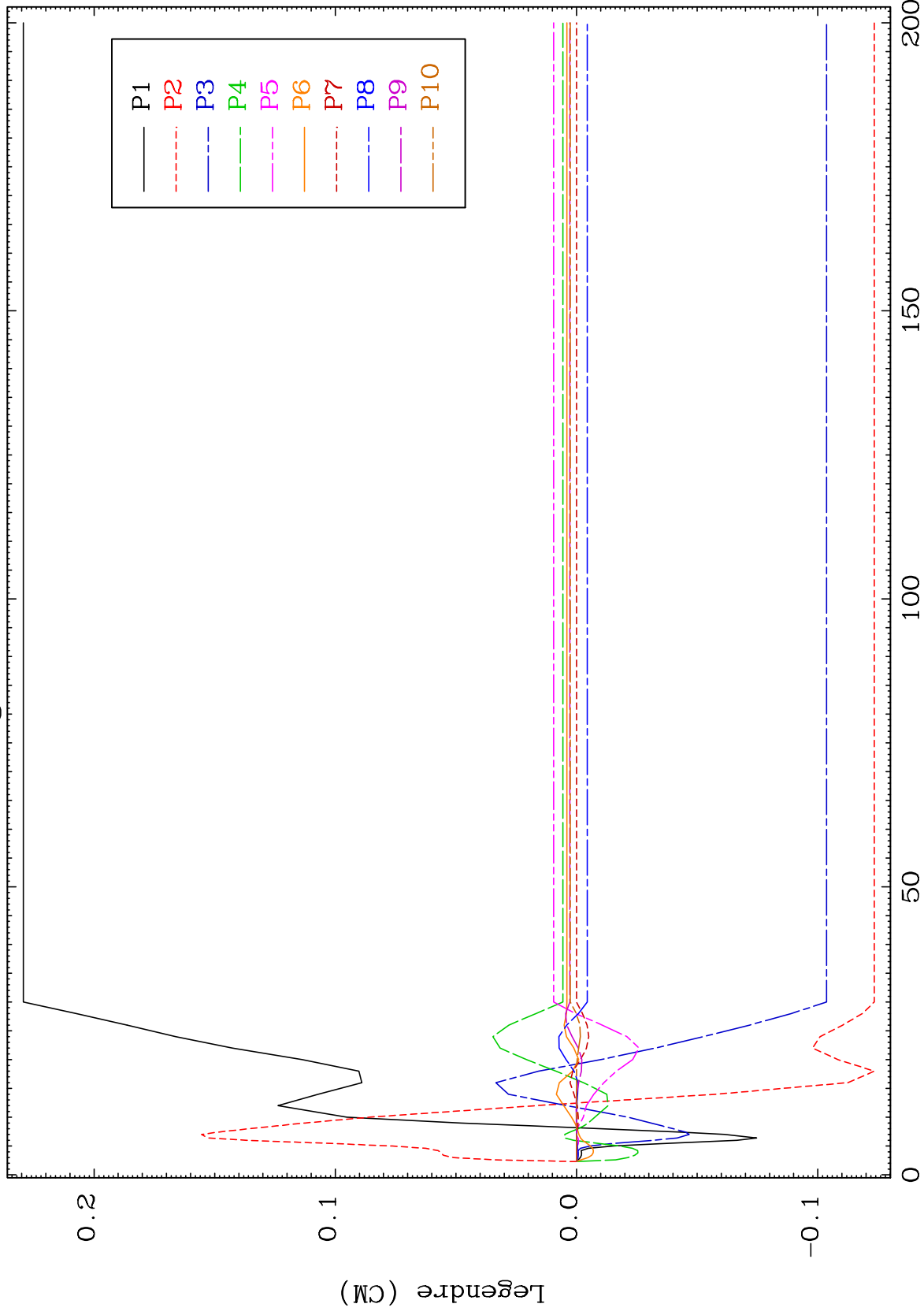
56-Ba-144



MAT 5667

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

56-Ba-144



88

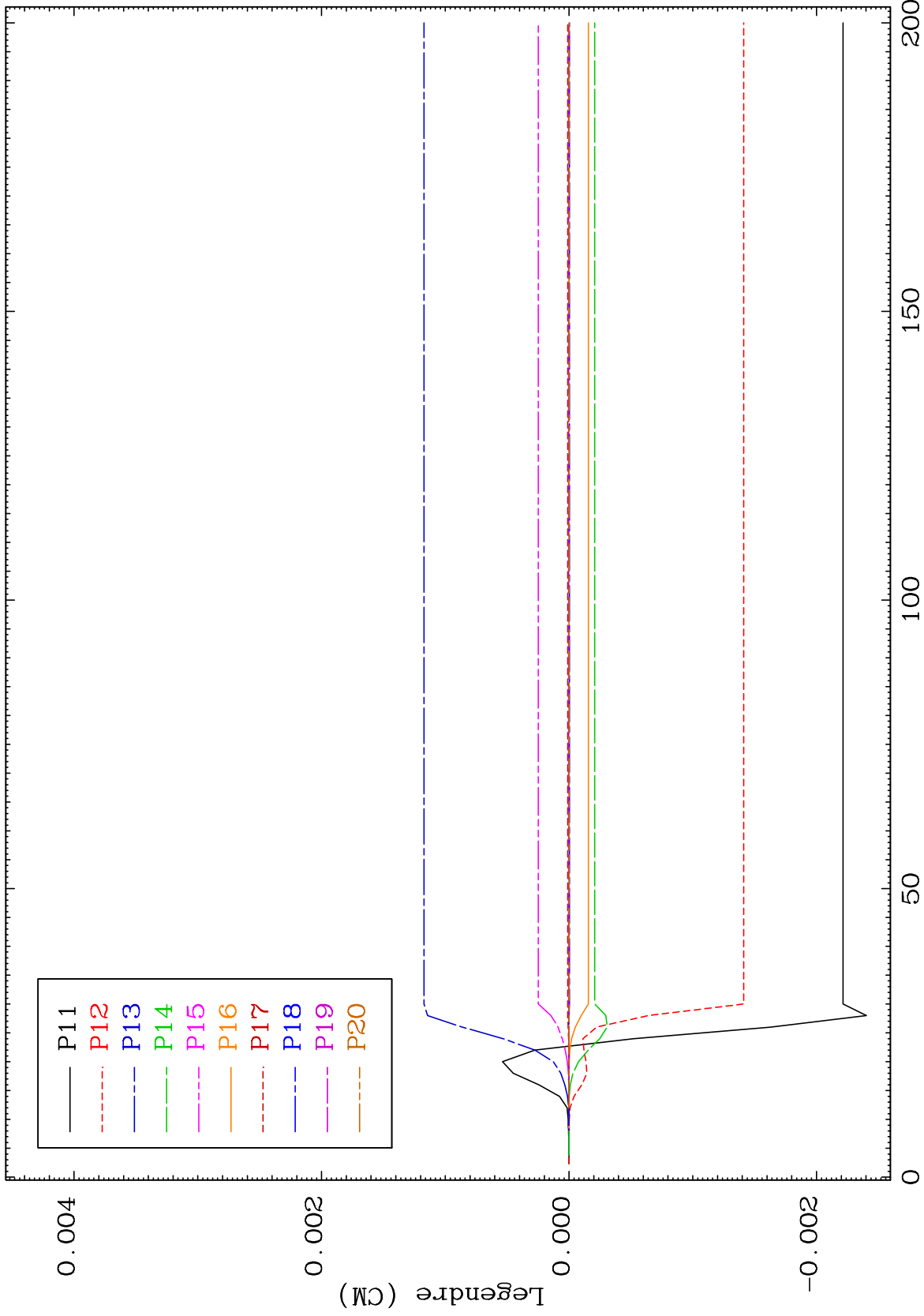
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



89

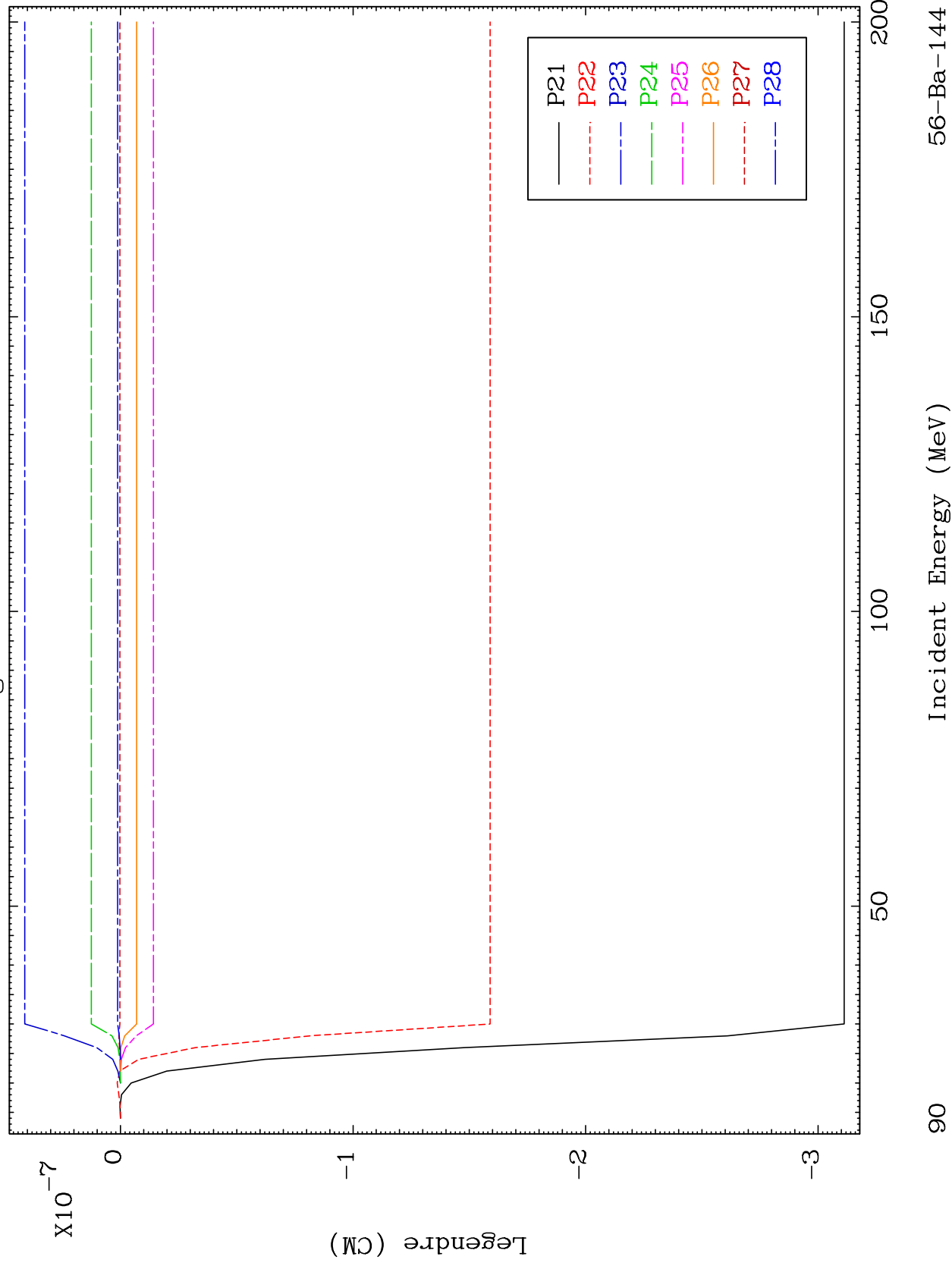
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

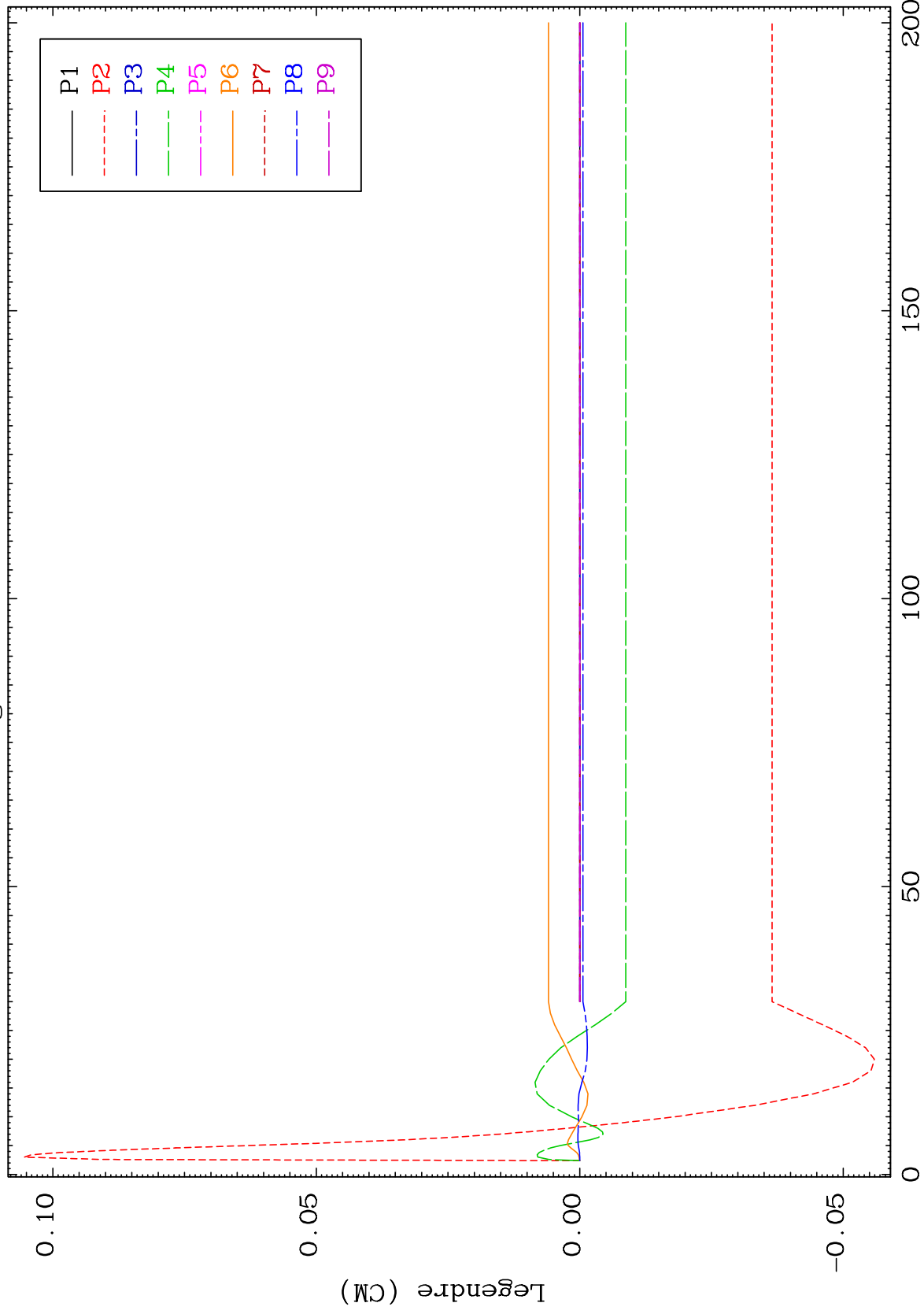
56-Ba-144



MAT 5667

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

56-Ba-144



91

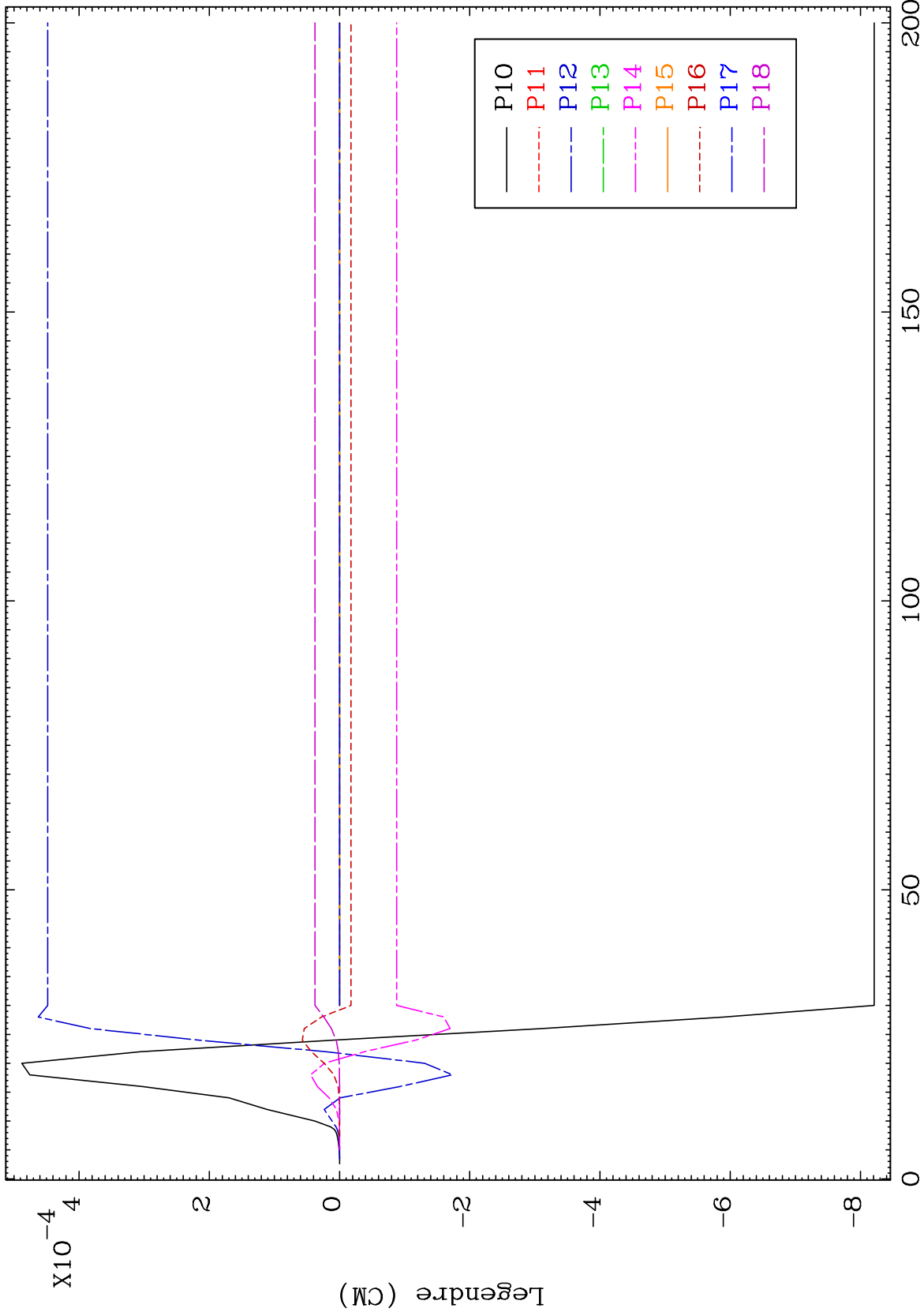
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

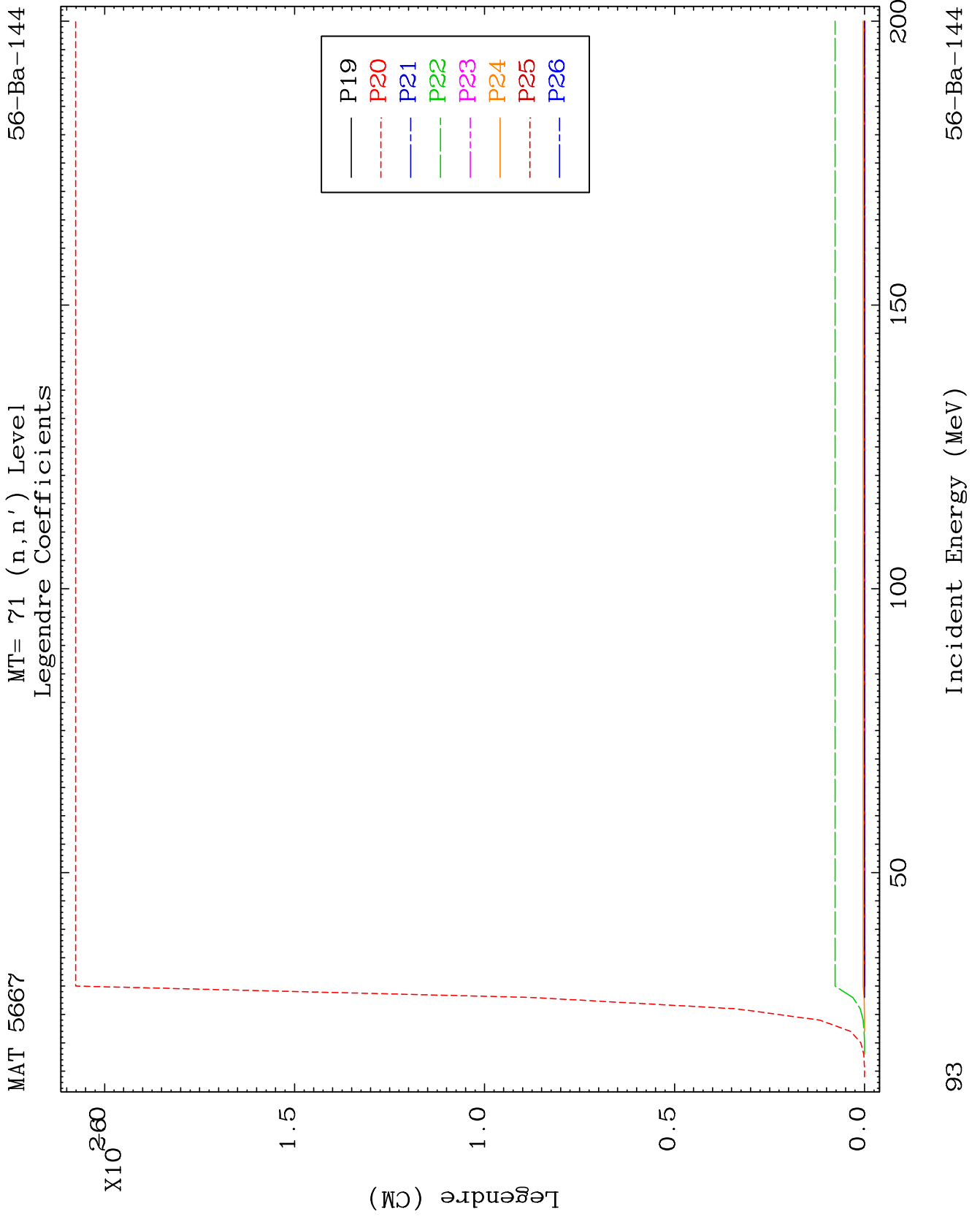
56-Ba-144

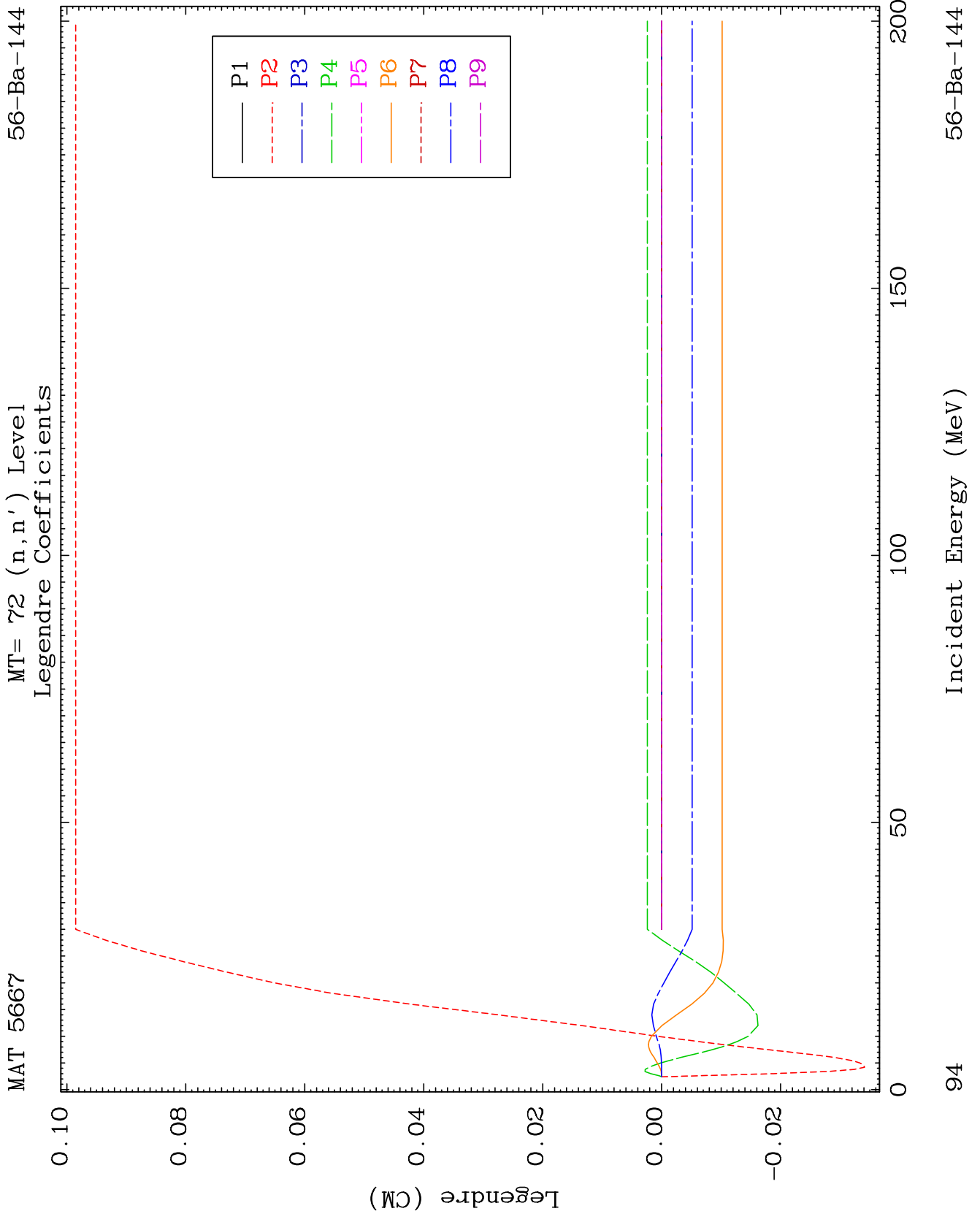


92

Incident Energy (MeV)

56-Ba-144

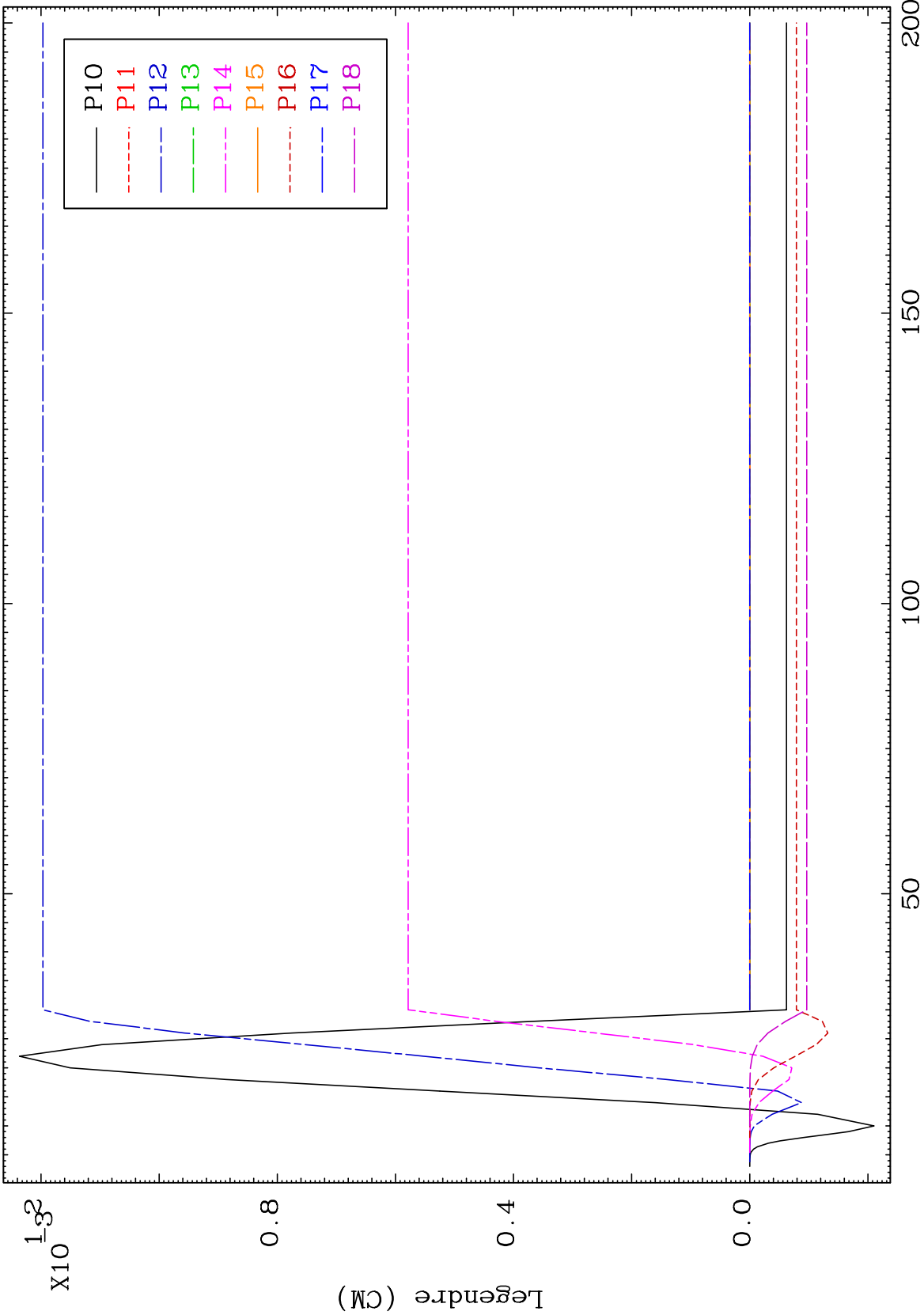




MAT 5667

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

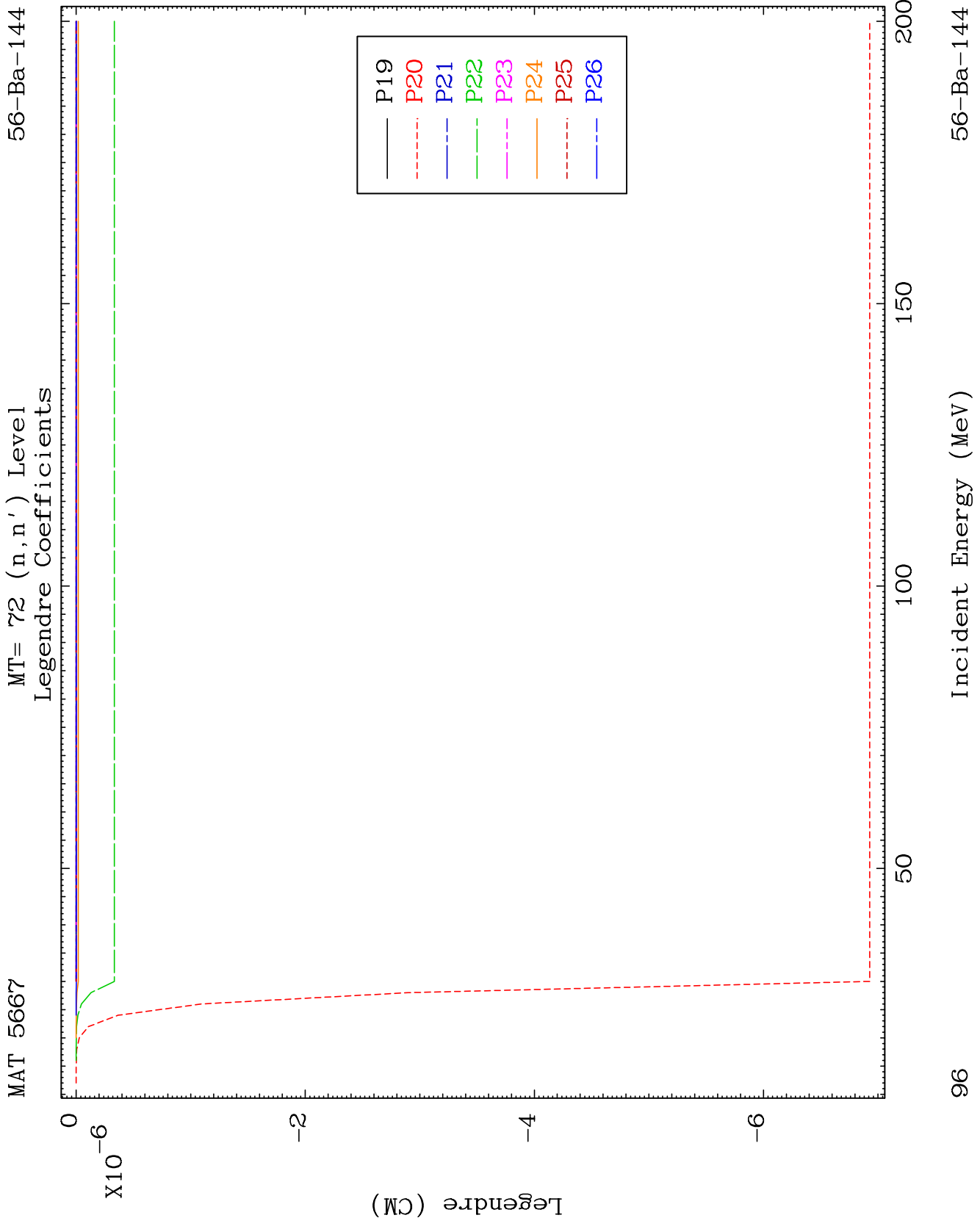
56-Ba-144



95

Incident Energy (MeV)

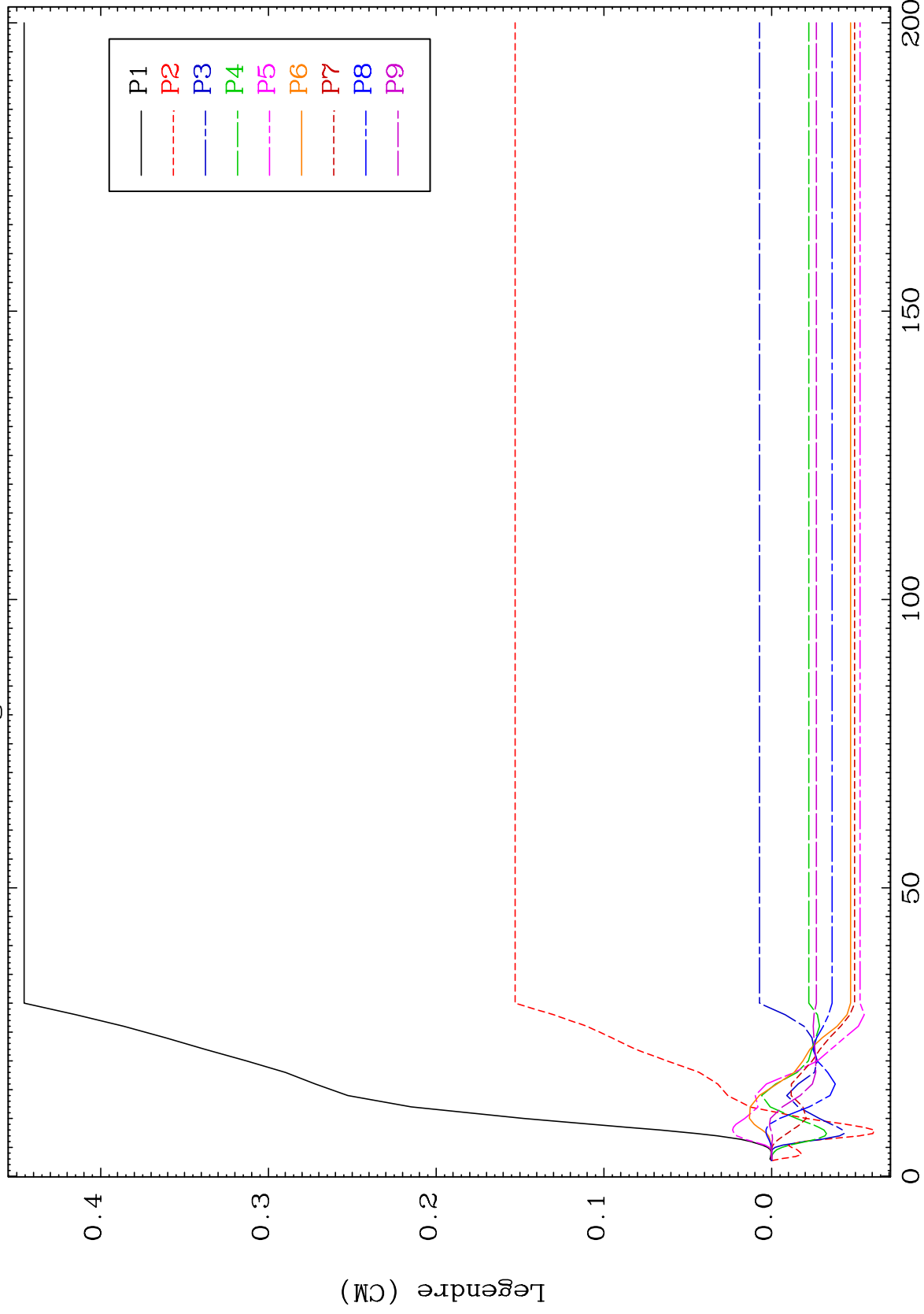
56-Ba-144



MAT 5667

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

56-Ba-144



97

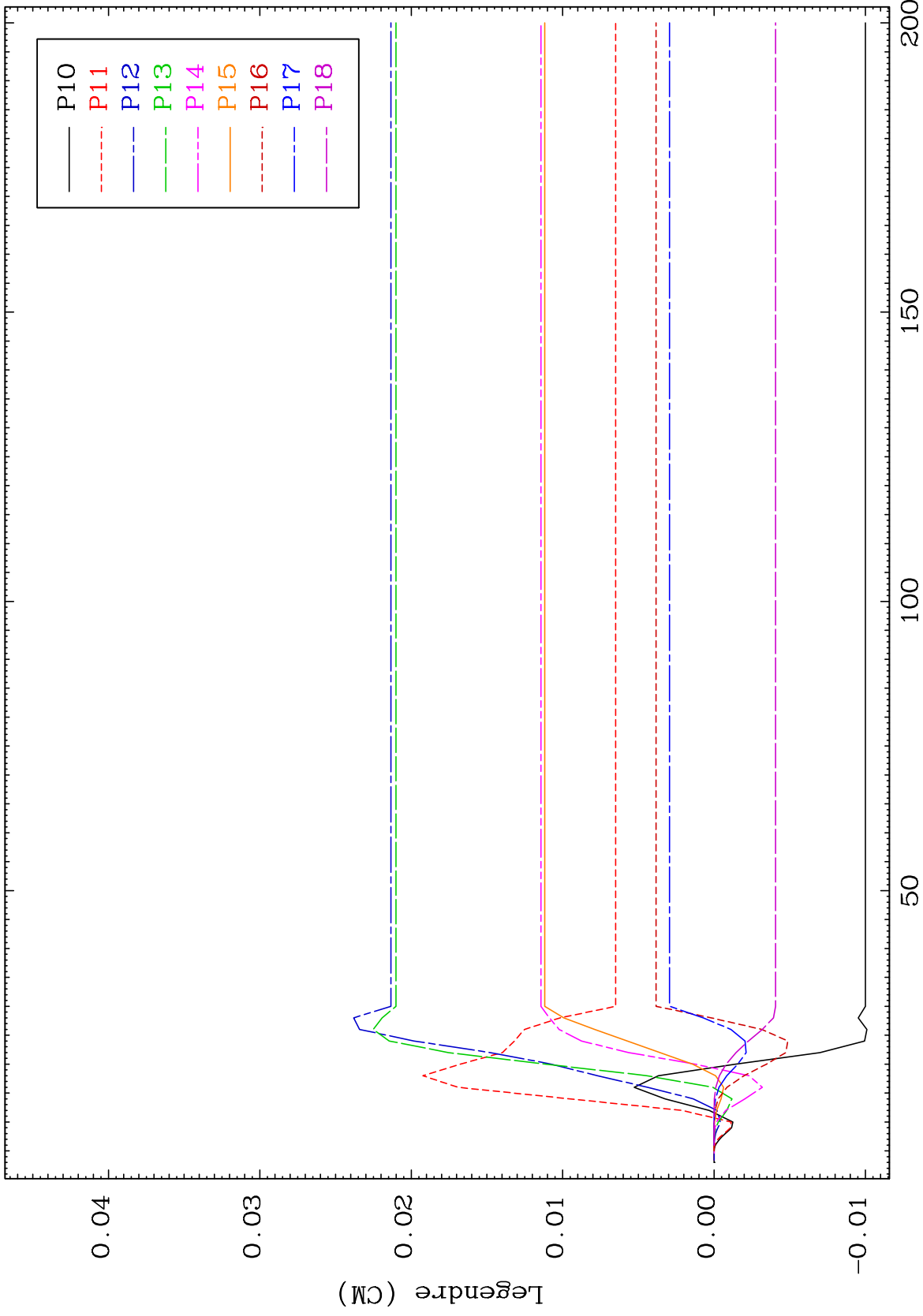
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



98

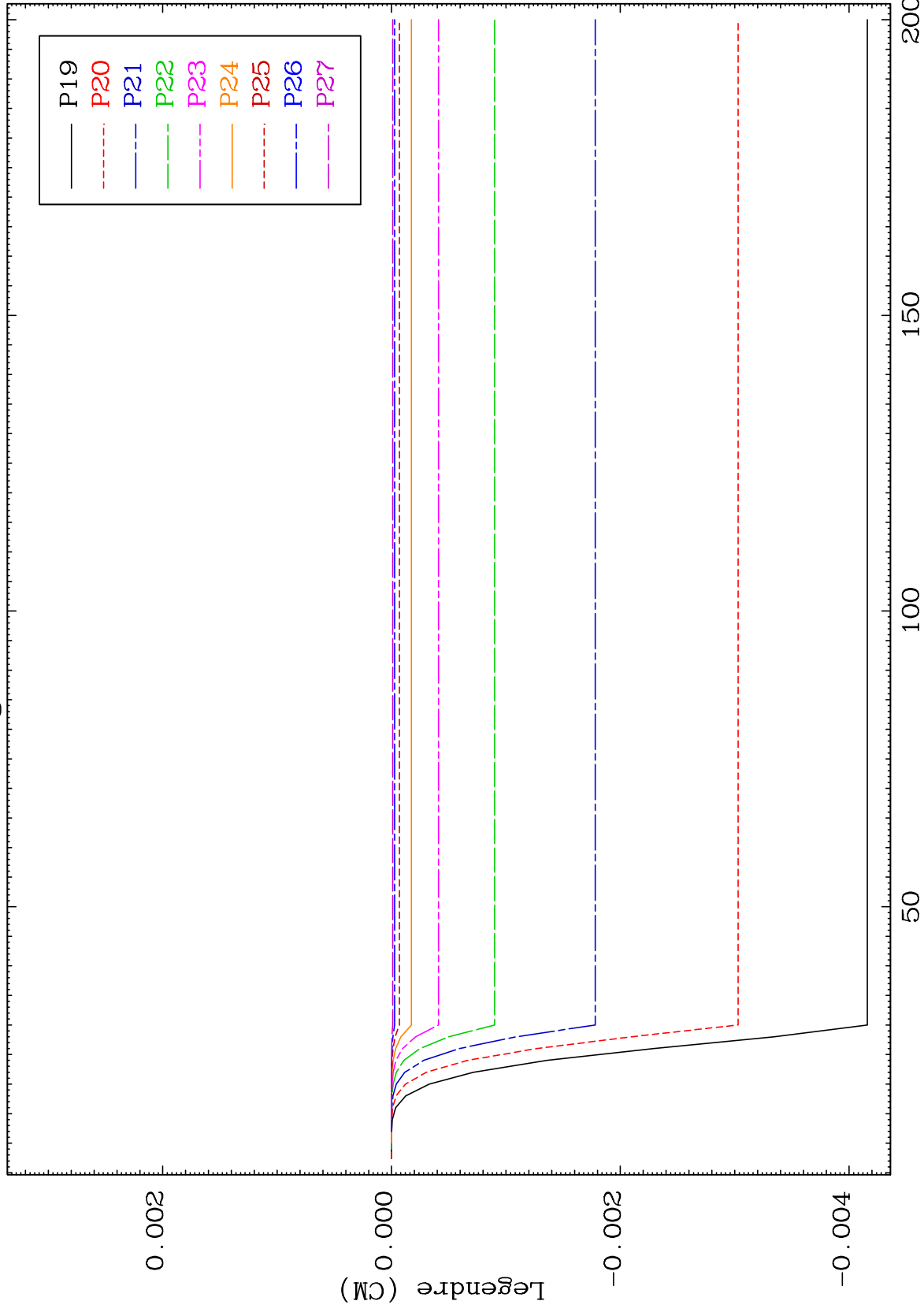
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

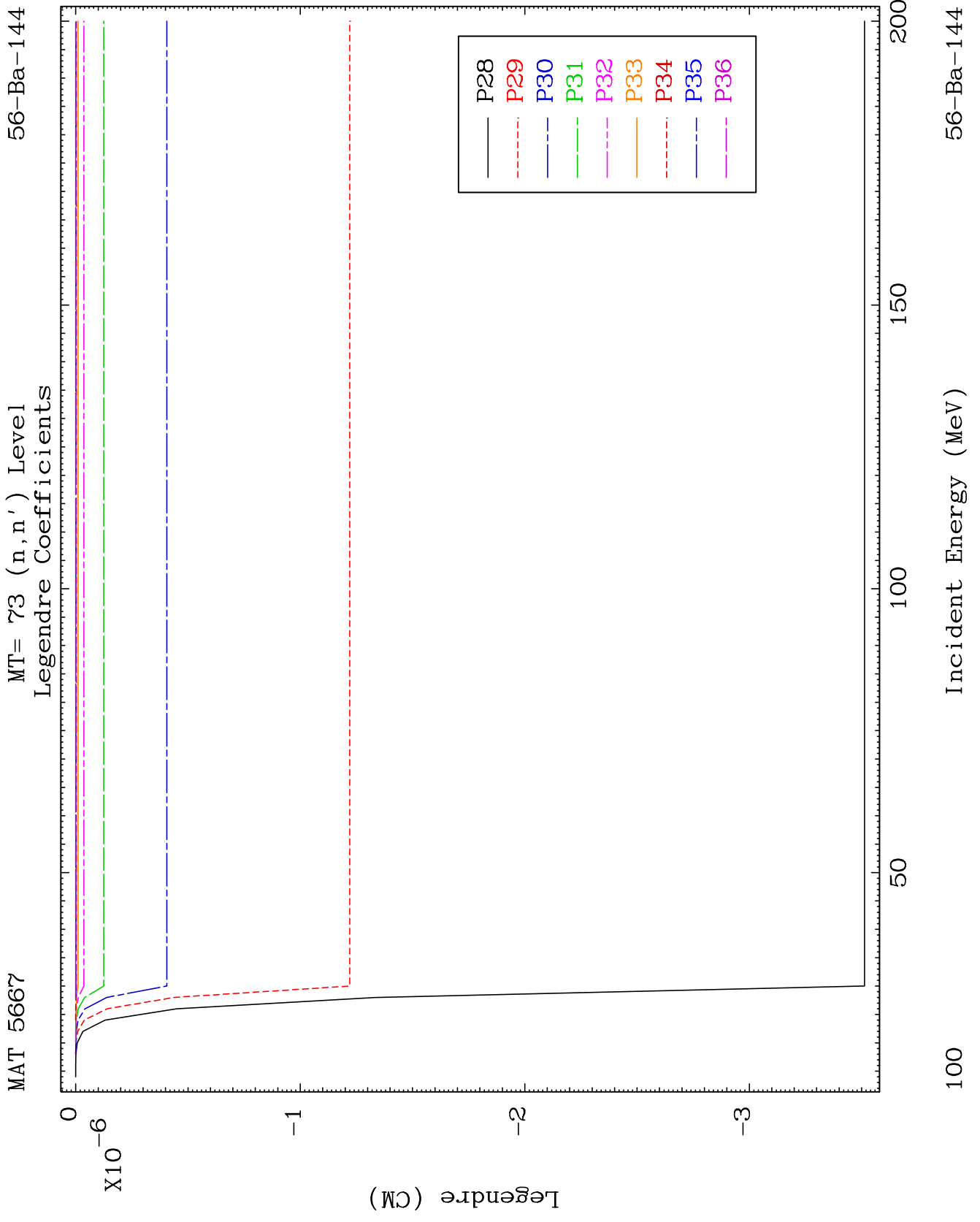
56-Ba-144



99

Incident Energy (MeV)

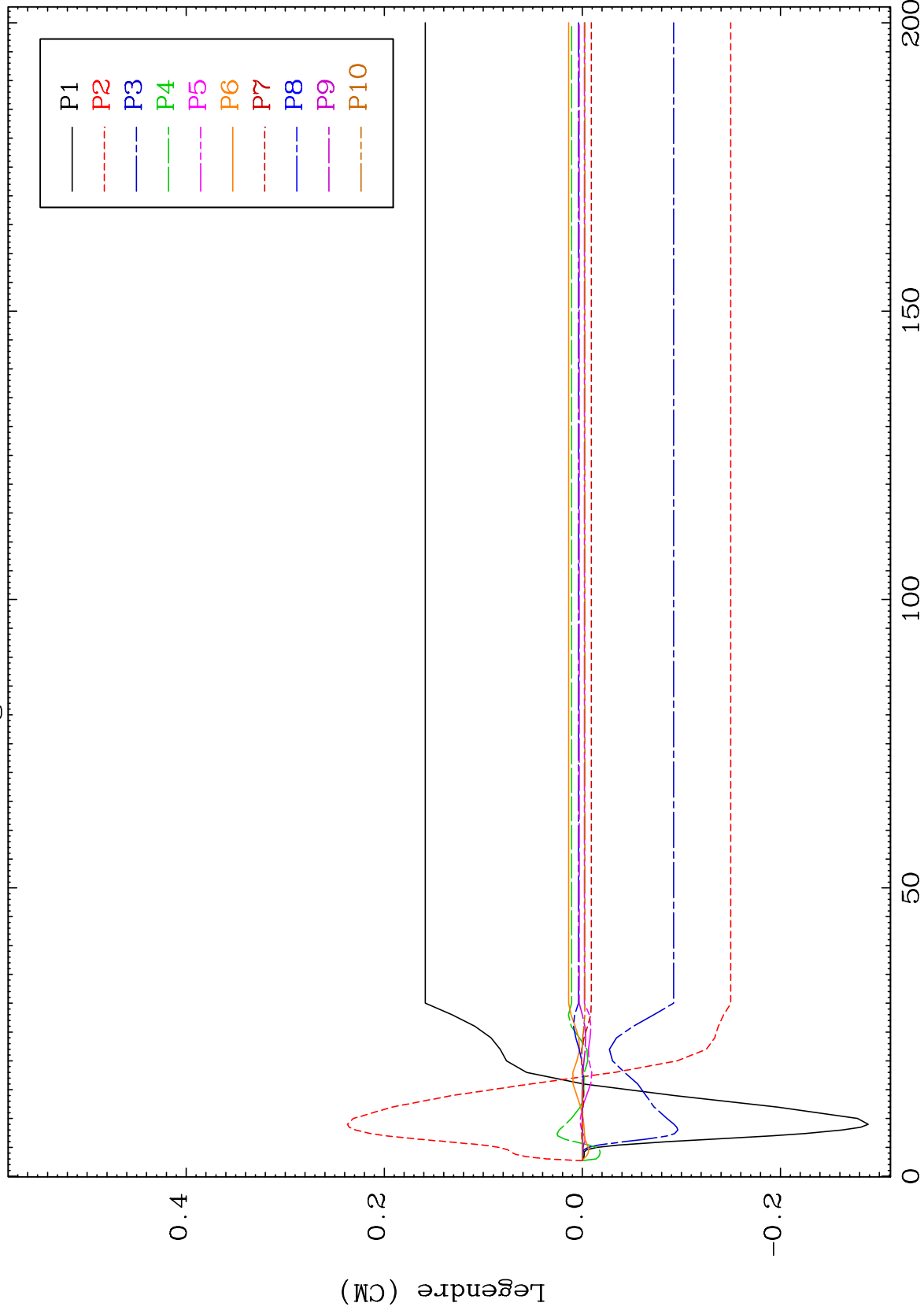
56-Ba-144



MAT 5667

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

56-Ba-144



101

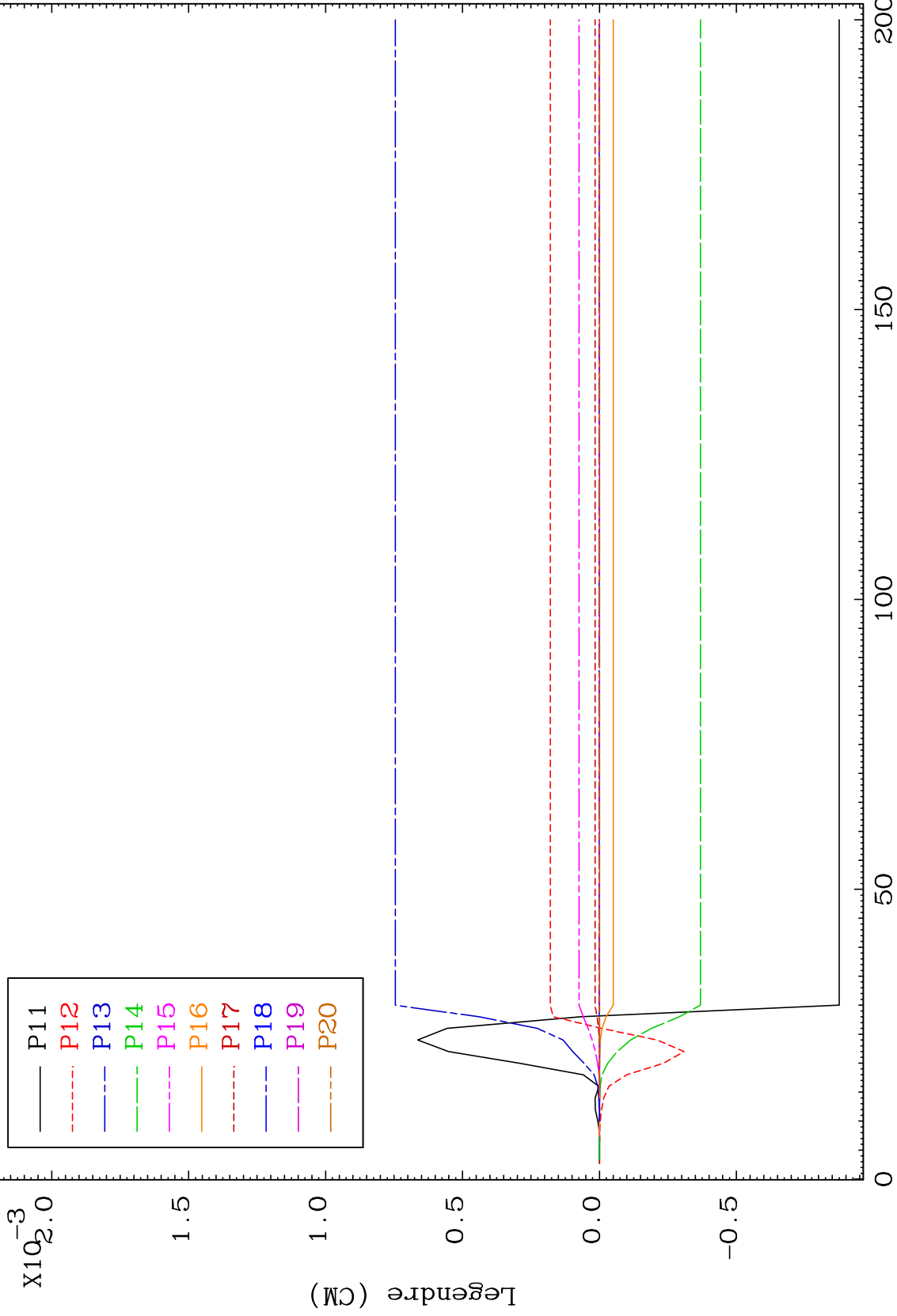
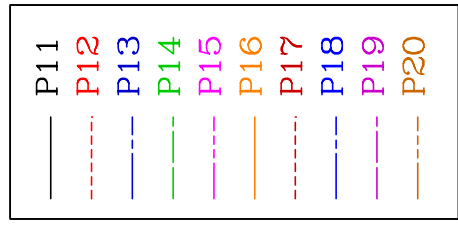
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



102

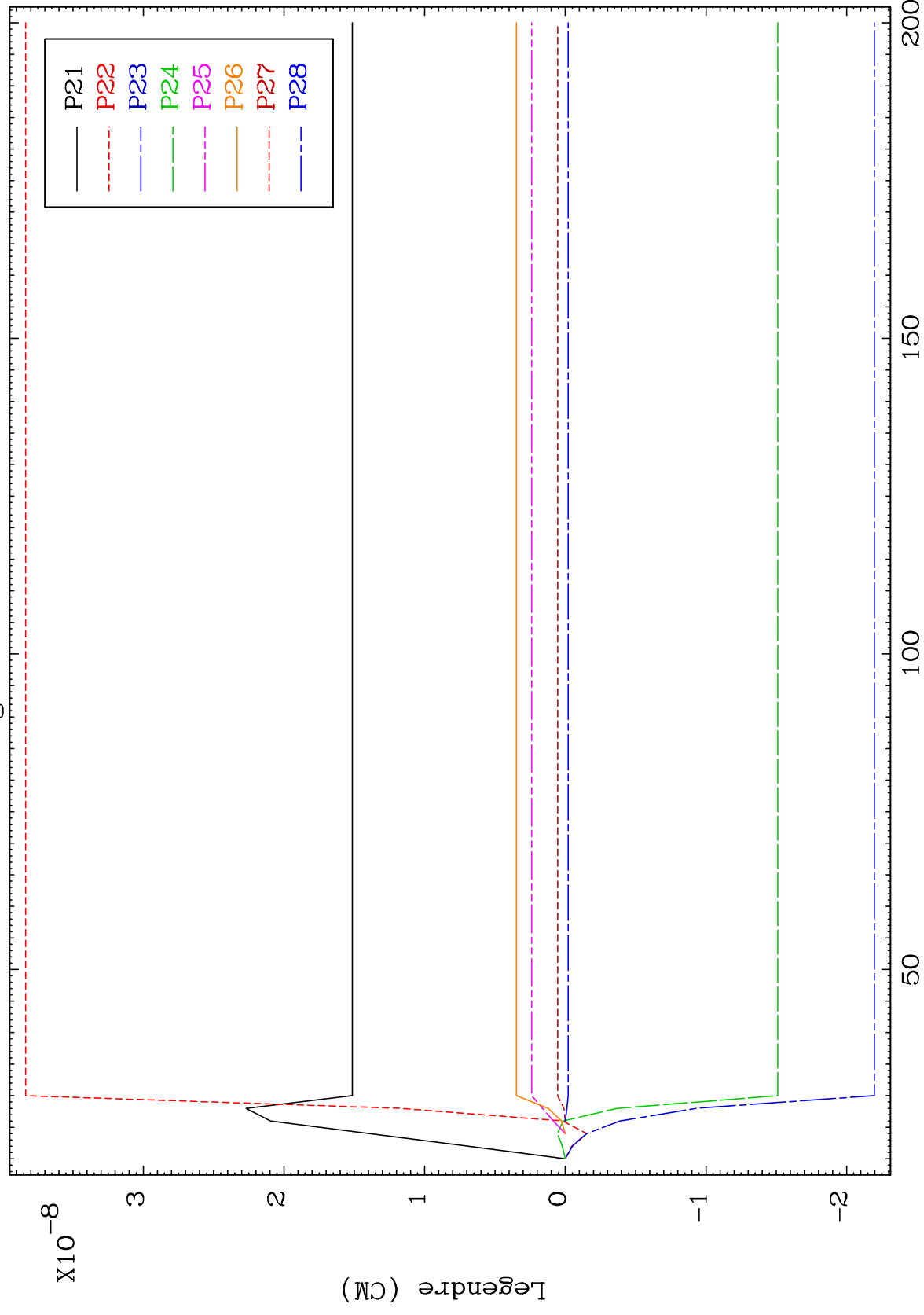
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



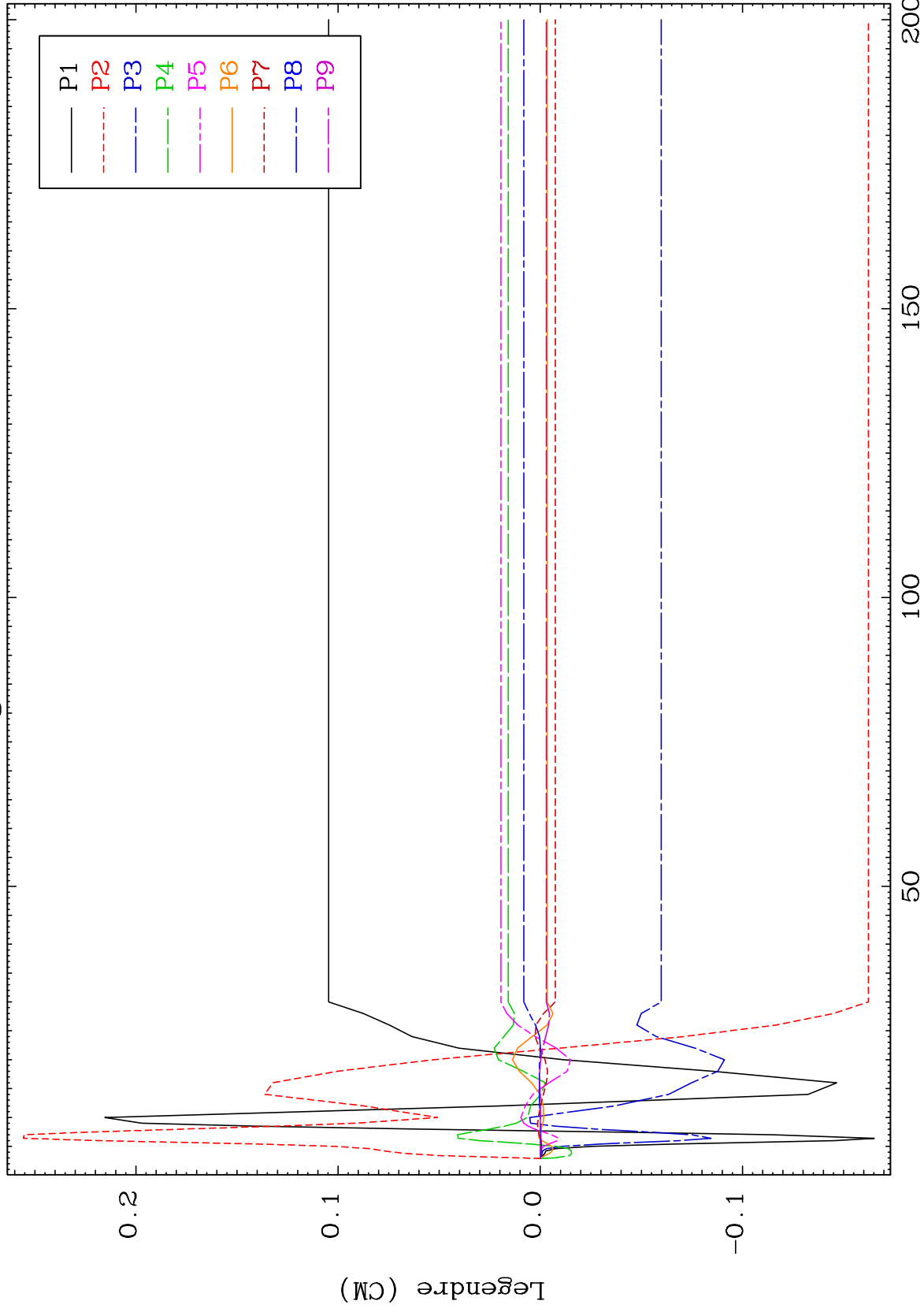
103

56-Ba-144

MAT 5667

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

56-Ba-144



104

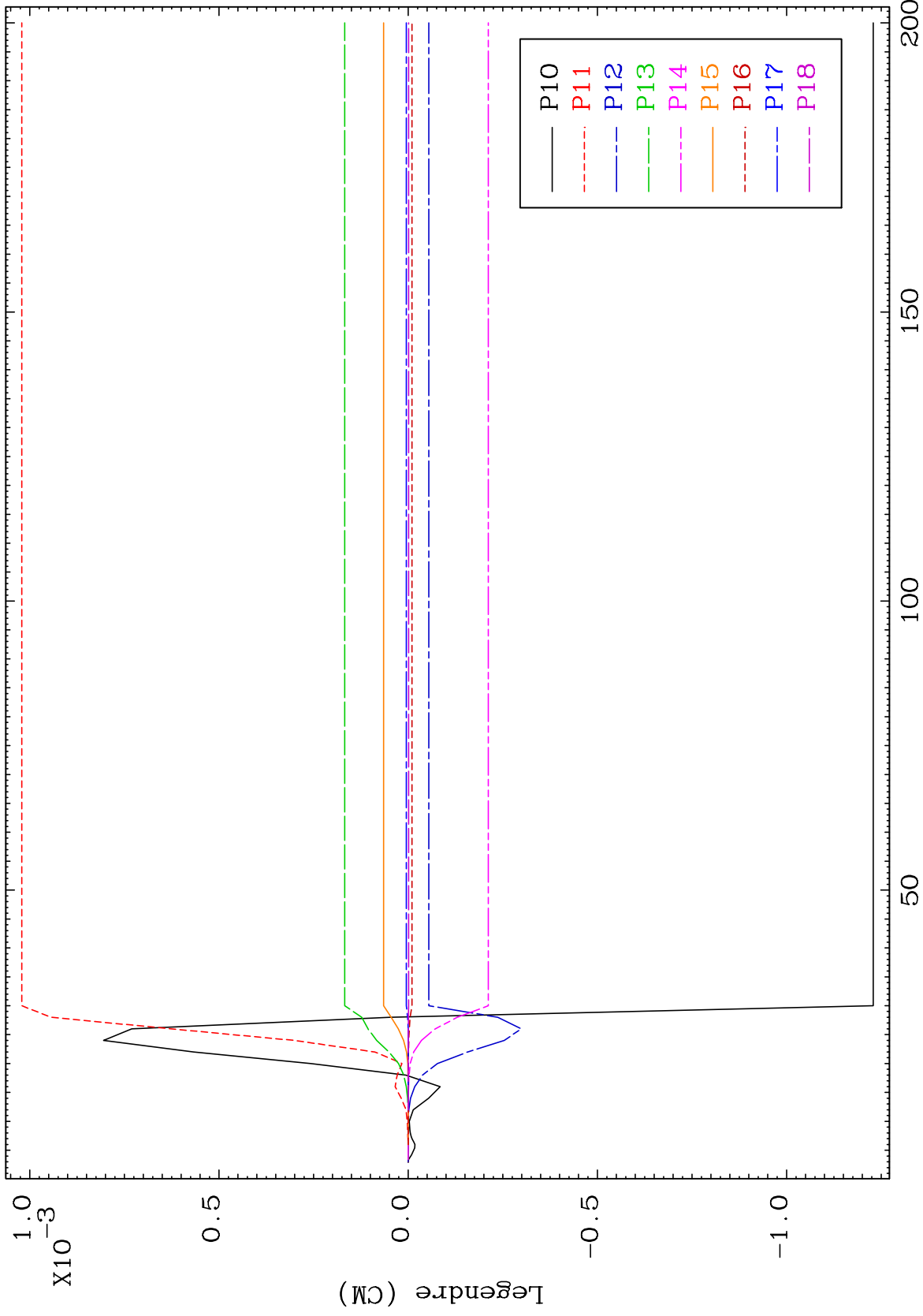
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



105

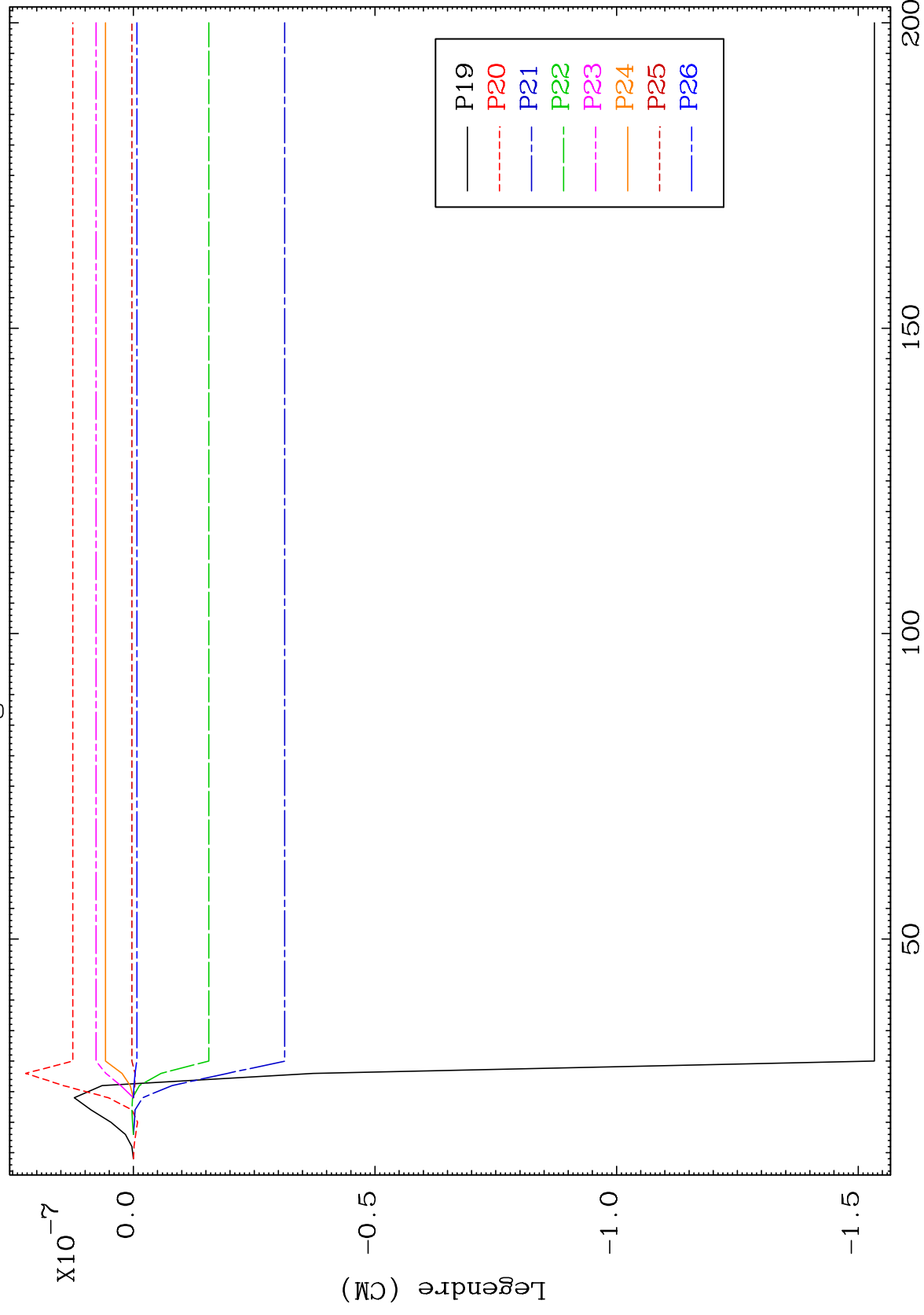
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



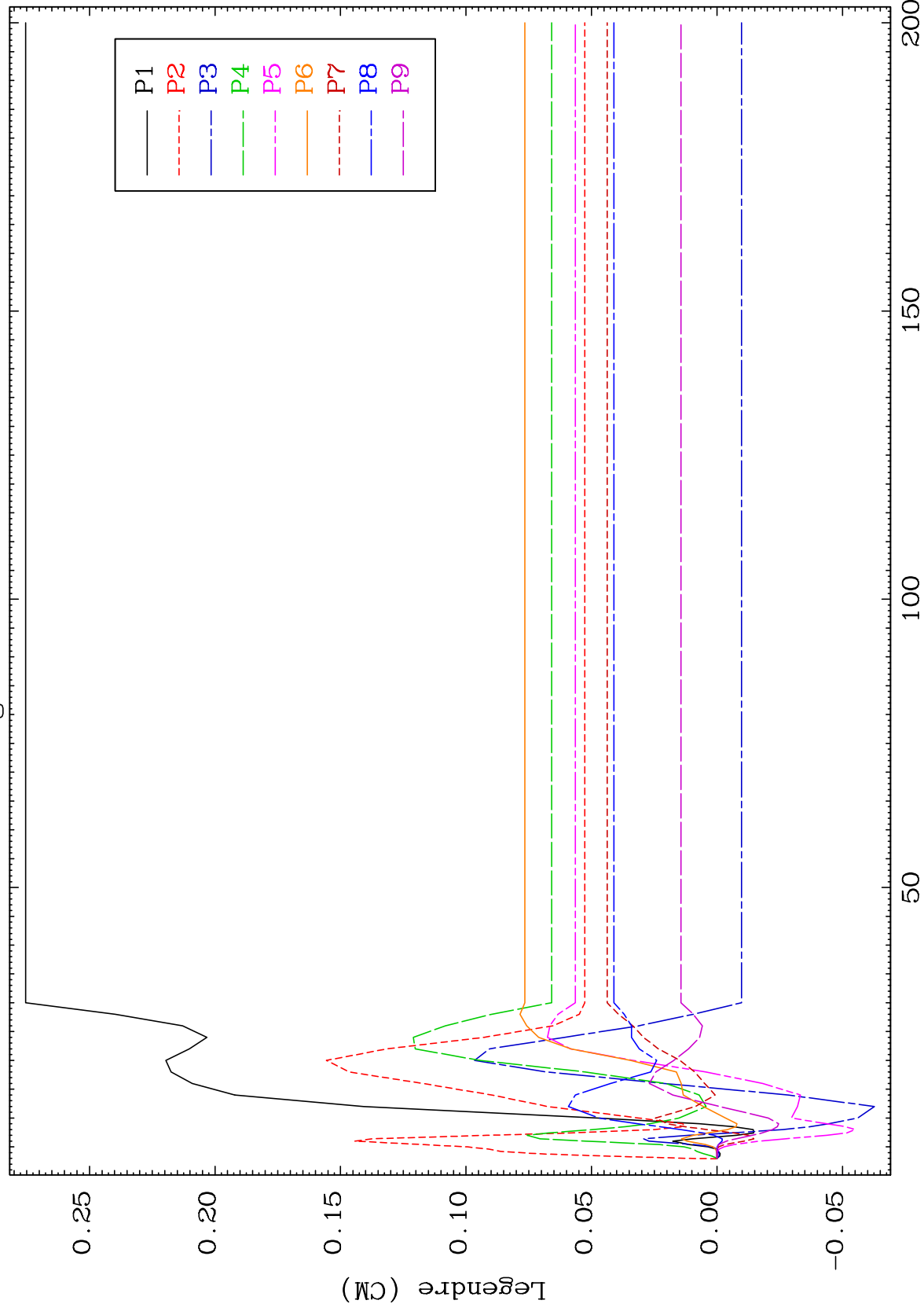
106

56-Ba-144

MAT 5667

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

56-Ba-144



107

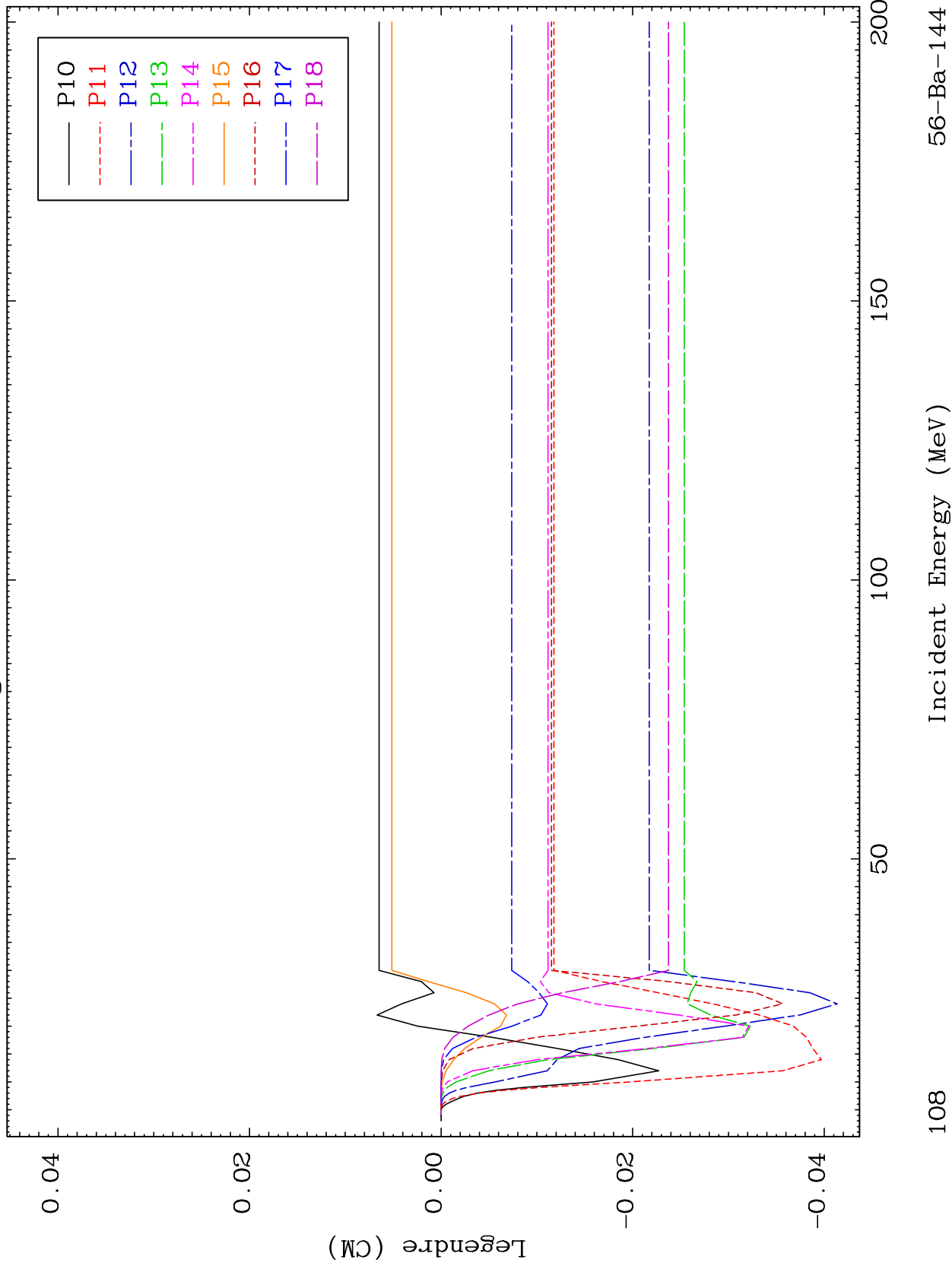
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

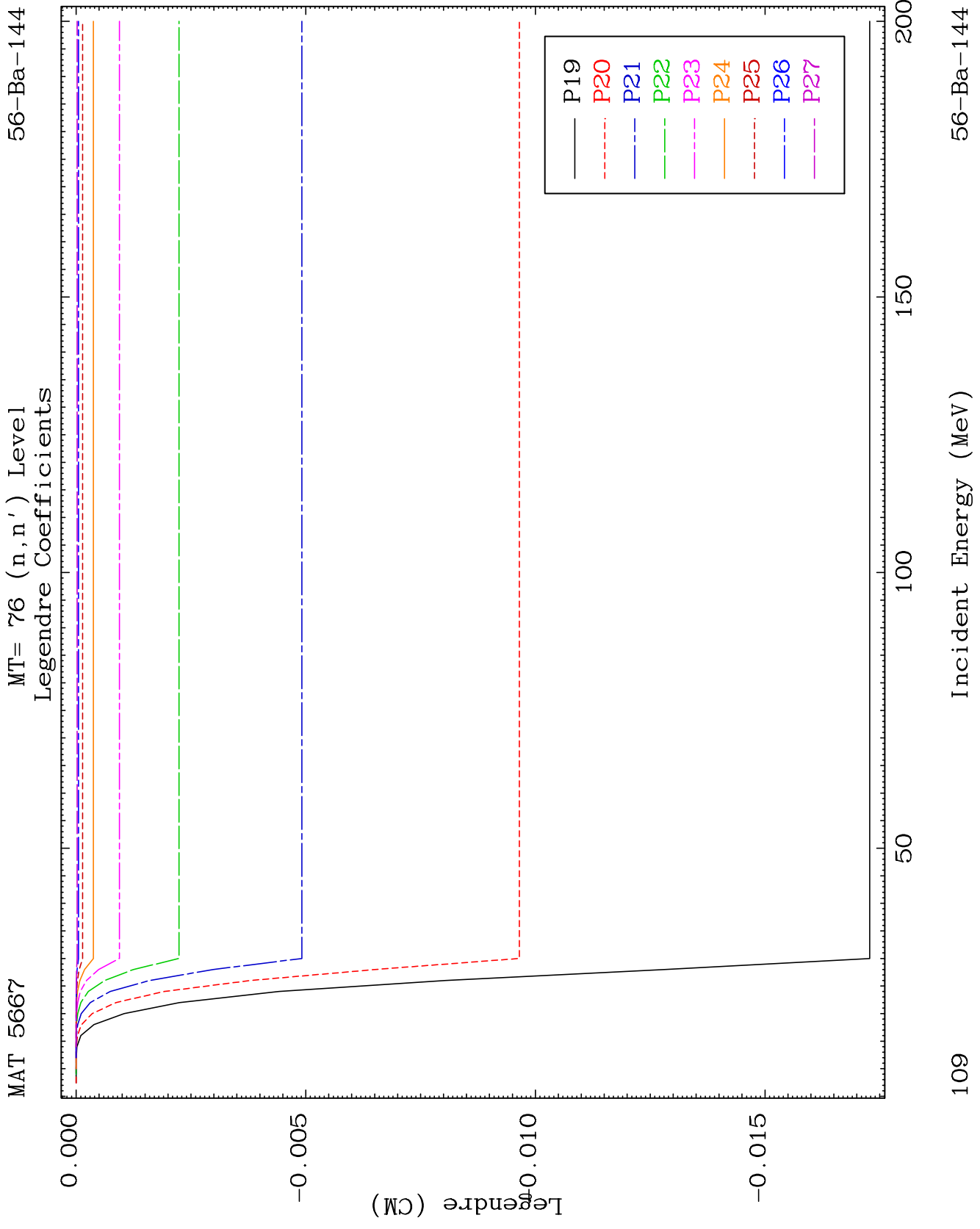
56-Ba-144

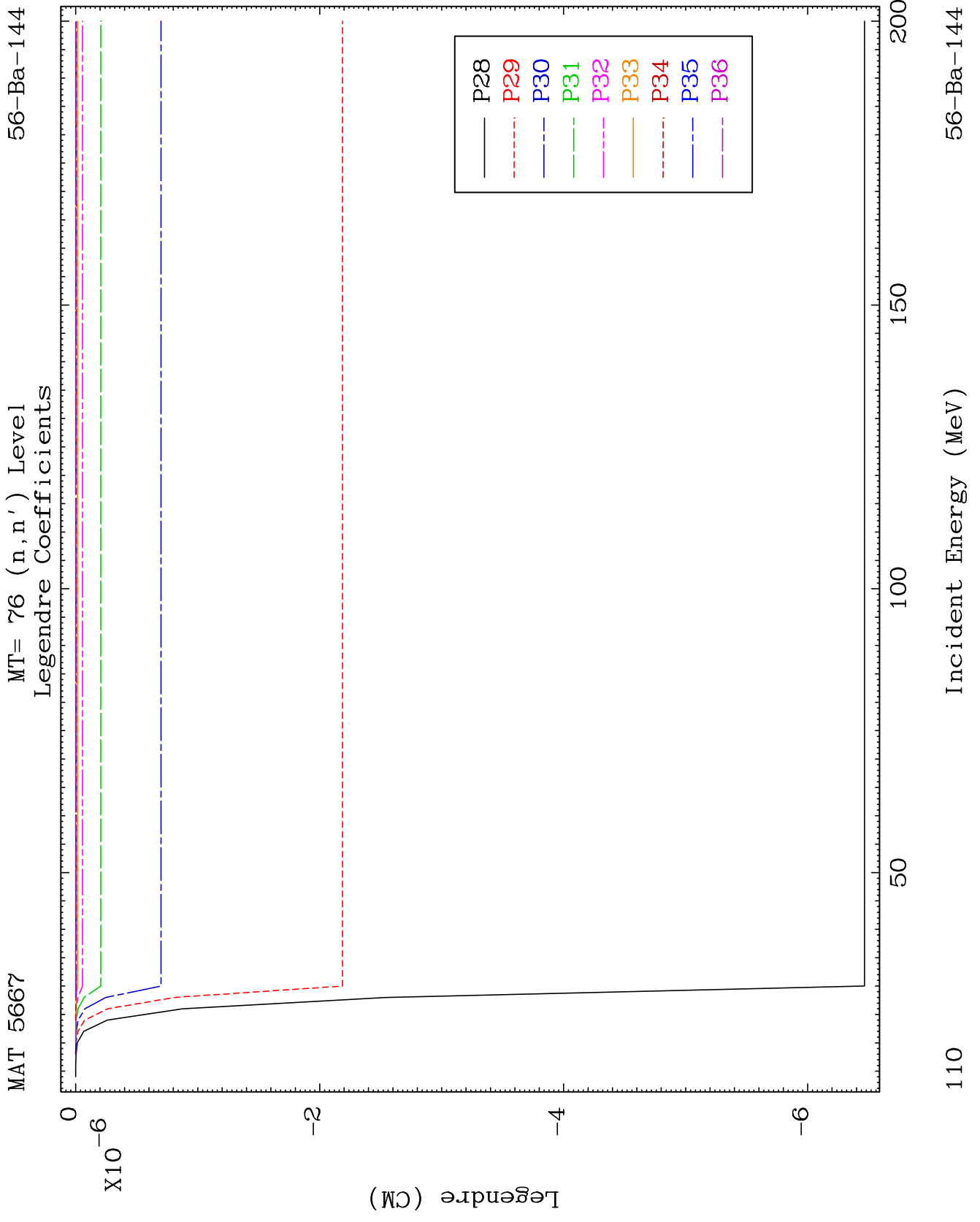


108

Incident Energy (MeV)

56-Ba-144

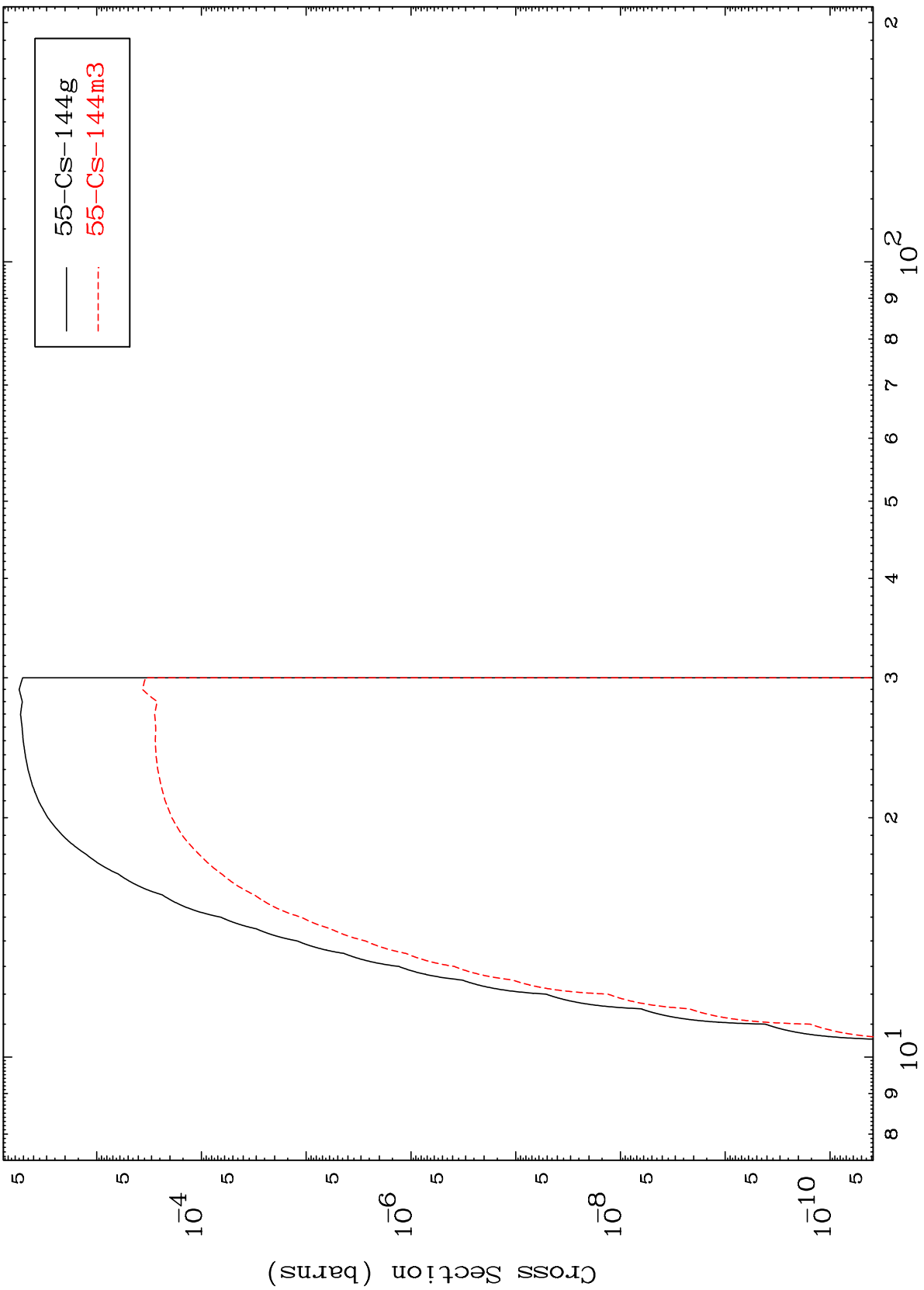




MAT 5667

56-Ba-144

(n,p)
Radionuclide Production Cross Section



111

Incident Energy (MeV)

56-Ba-144