

Program EVALPLOT
(Version 2017-1)

by

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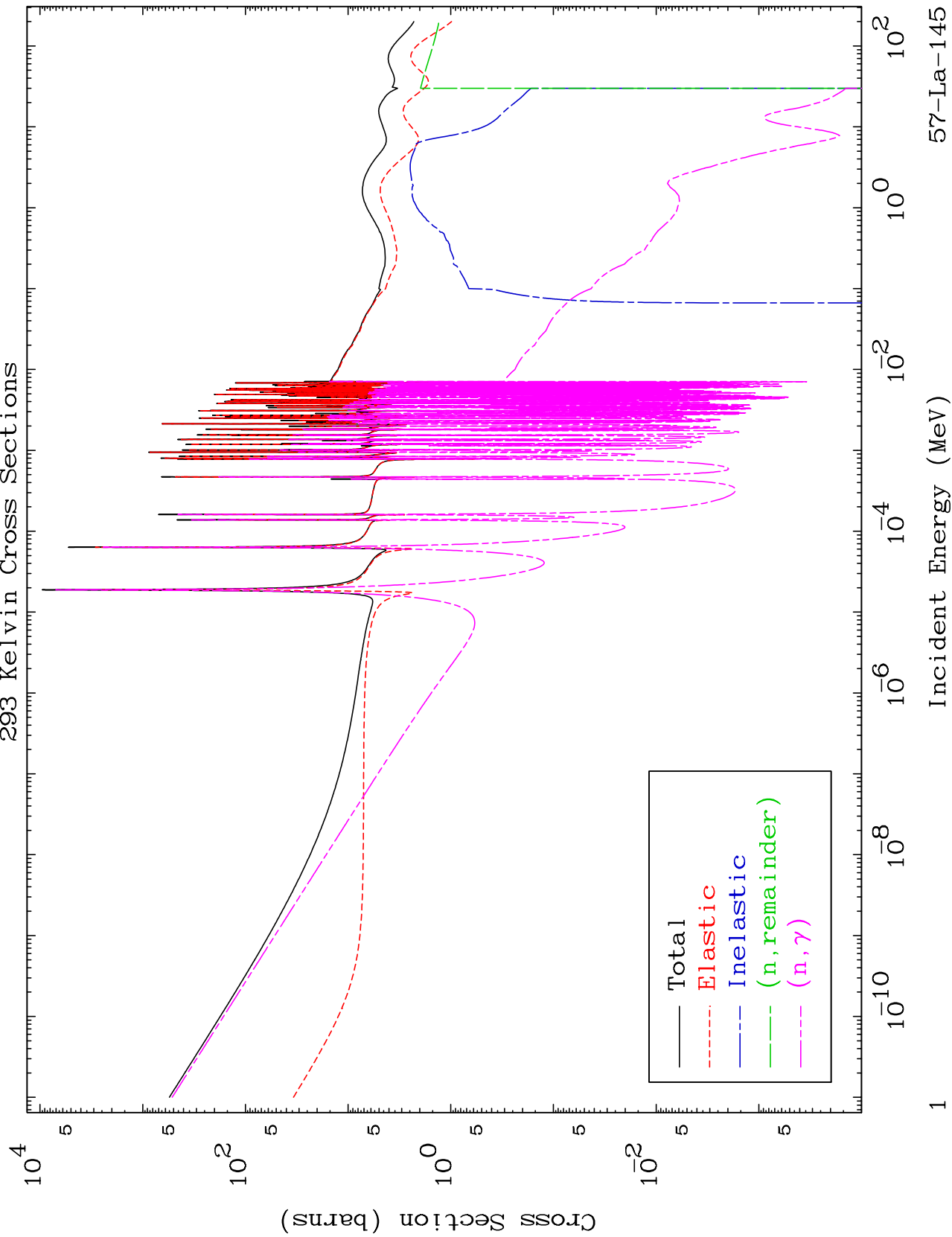
Press Mouse Button to Start

MAT 5746

Major

293 Kelvin Cross Sections

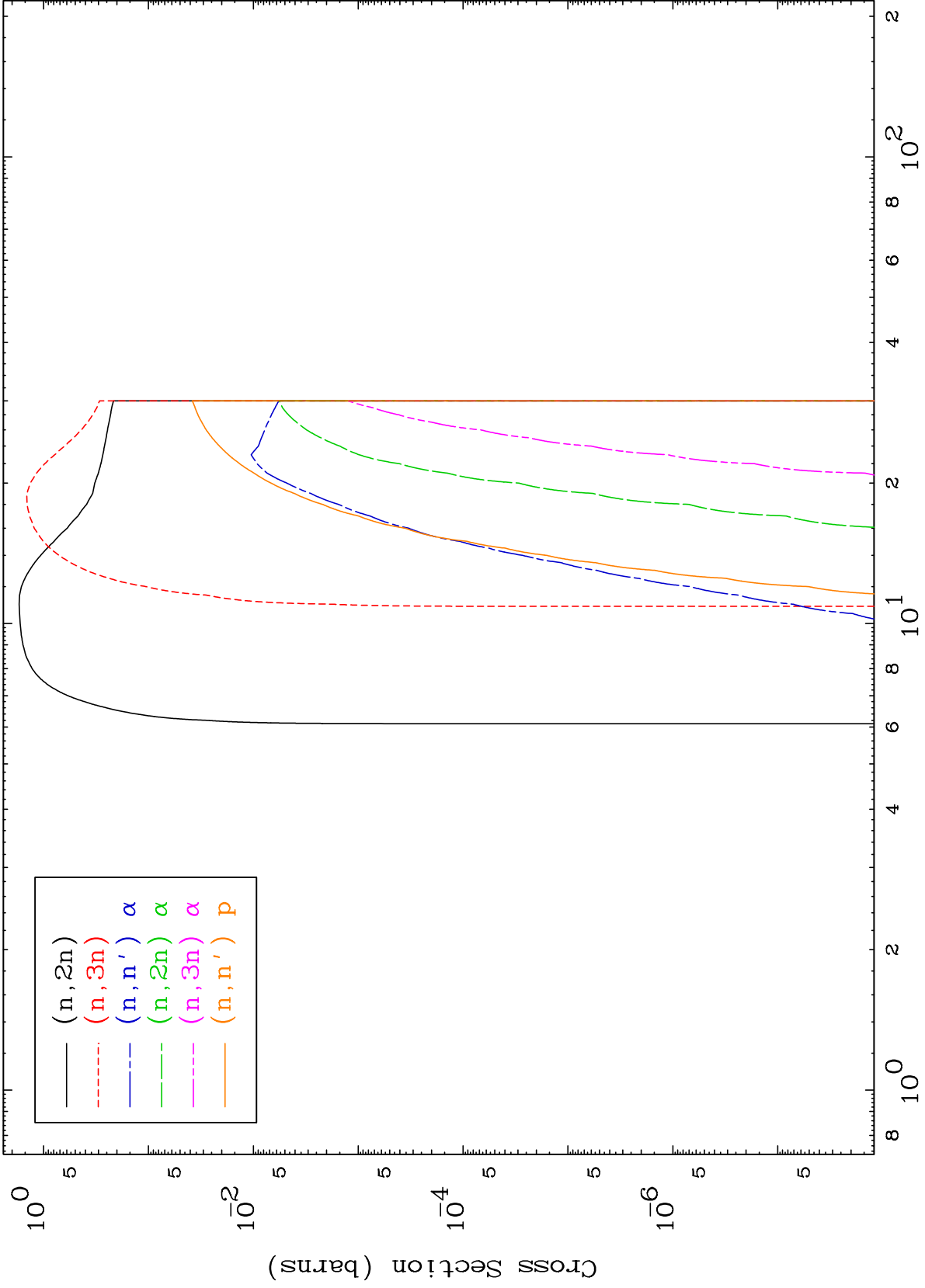
57-La-145



MAT 5746

Neutron Production
293 Kelvin Cross Sections

57-La-145



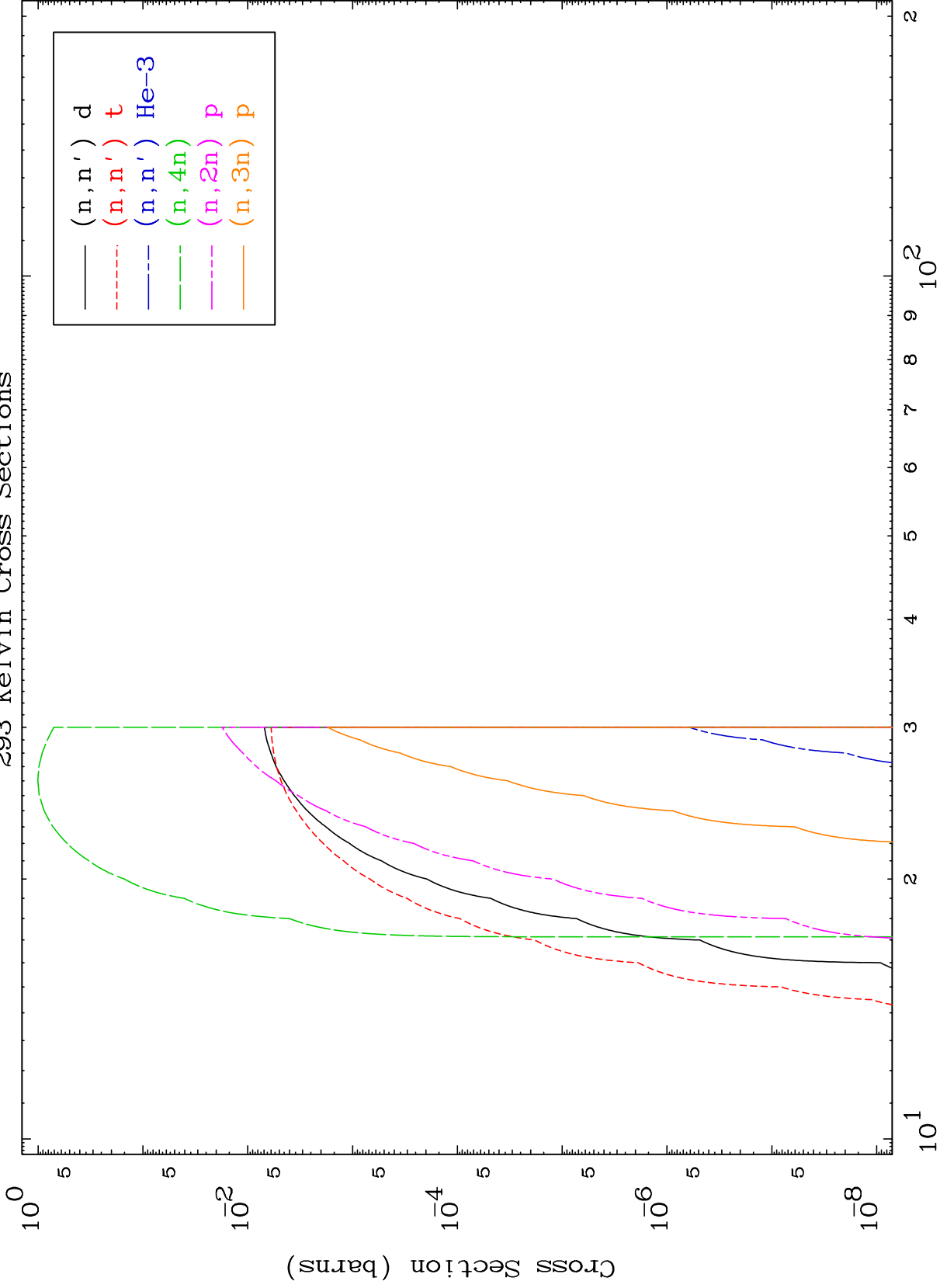
Incident Energy (MeV)

57-La-145

MAT 5746

Neutron Production
293 Kelvin Cross Sections

57-La-145



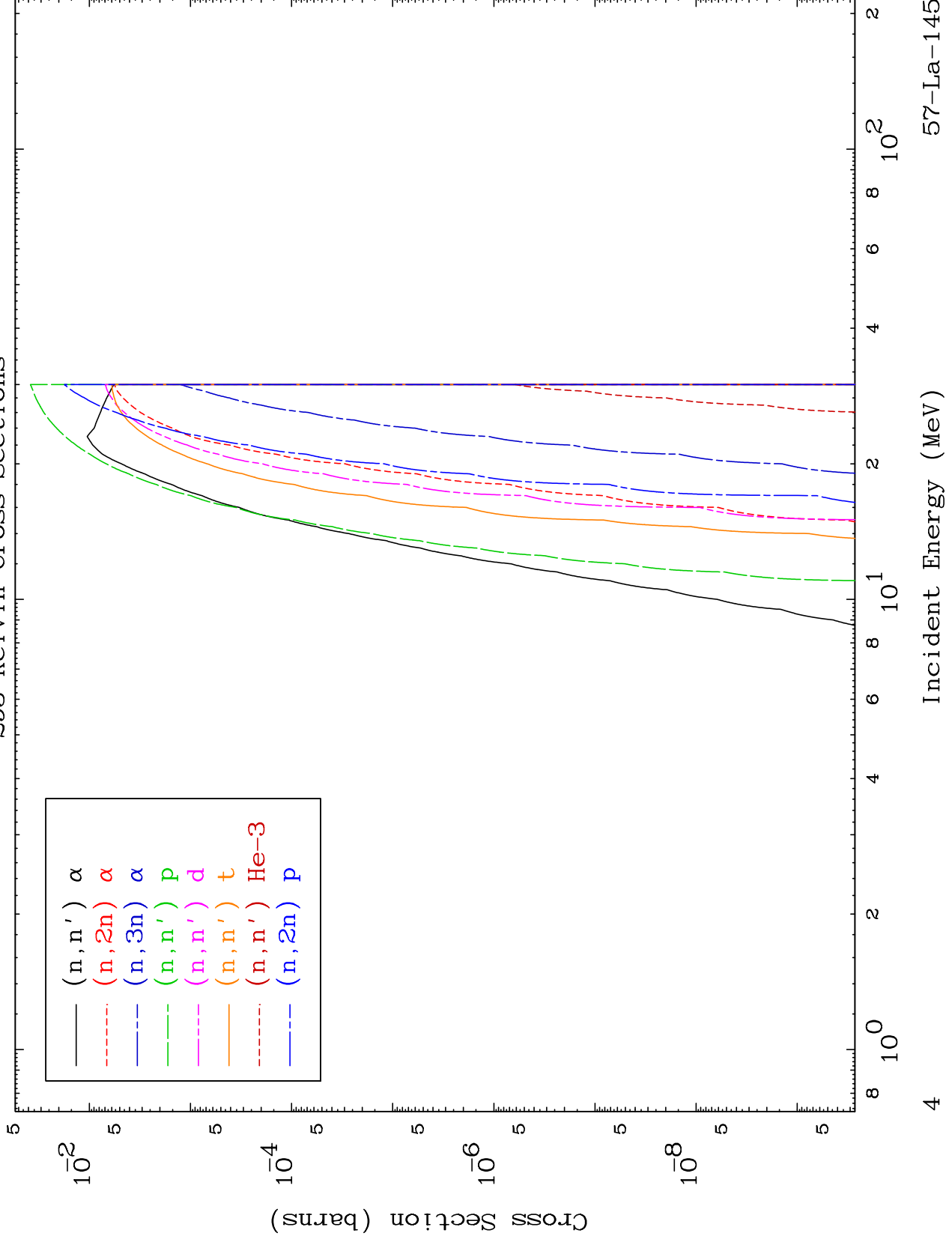
Incident Energy (MeV)

57-La-145

MAT 5746

Charged Particle
293 Kelvin Cross Sections

57-La-145

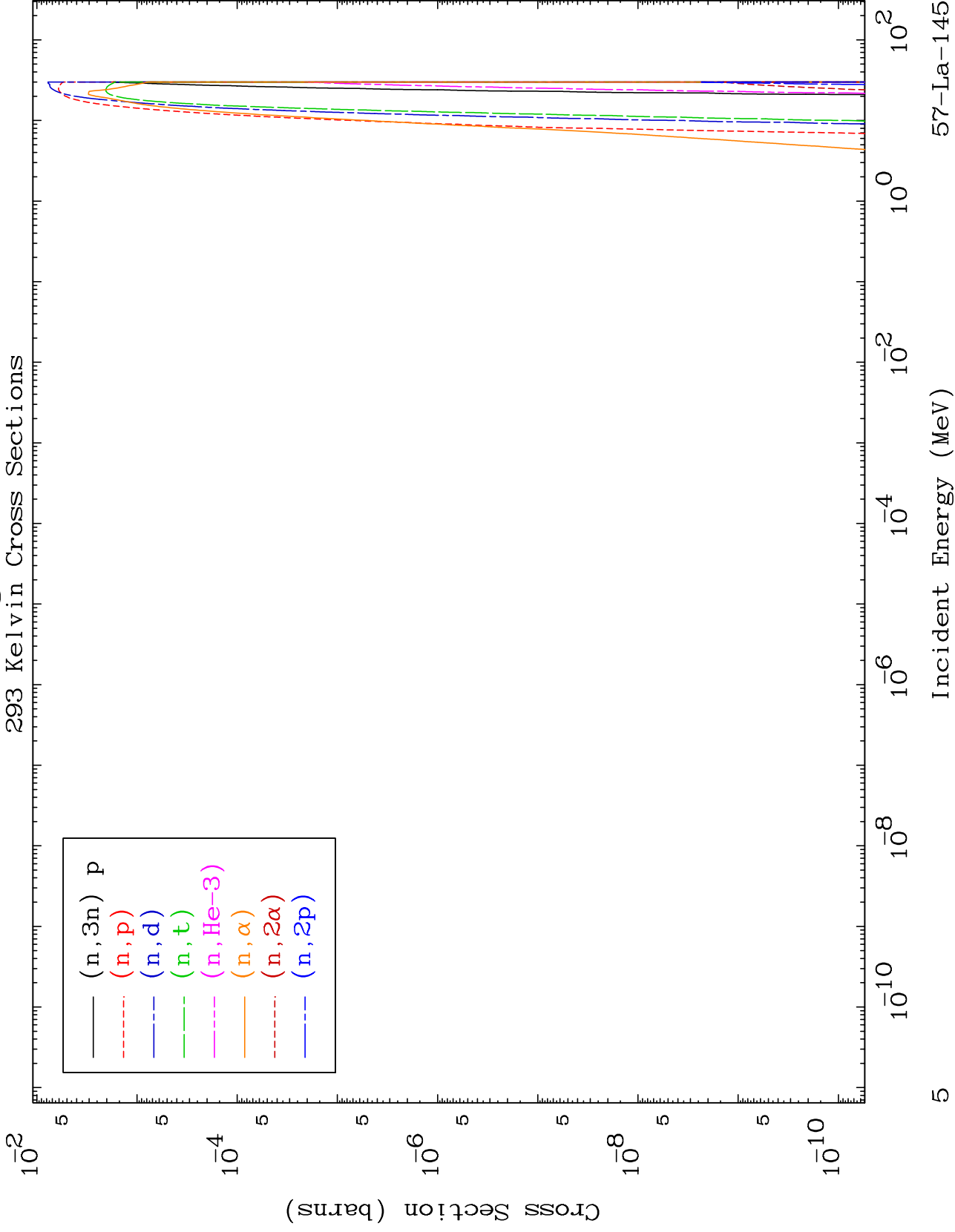


4

MAT 5746

Charged Particle
293 Kelvin Cross Sections

57-La-145



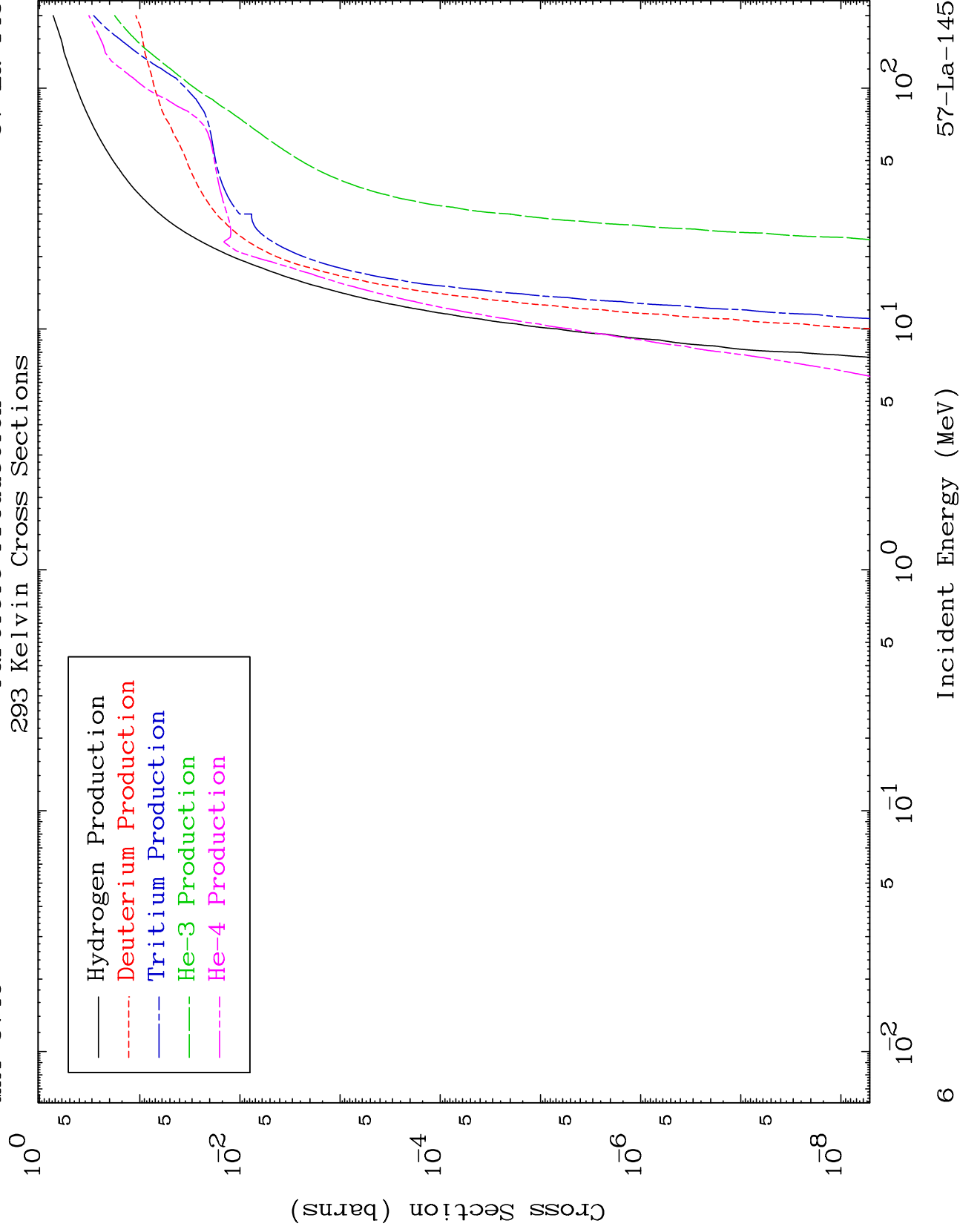
5

57-La-145

MAT 5746

Particle Production
293 Kelvin Cross Sections

57-La-145



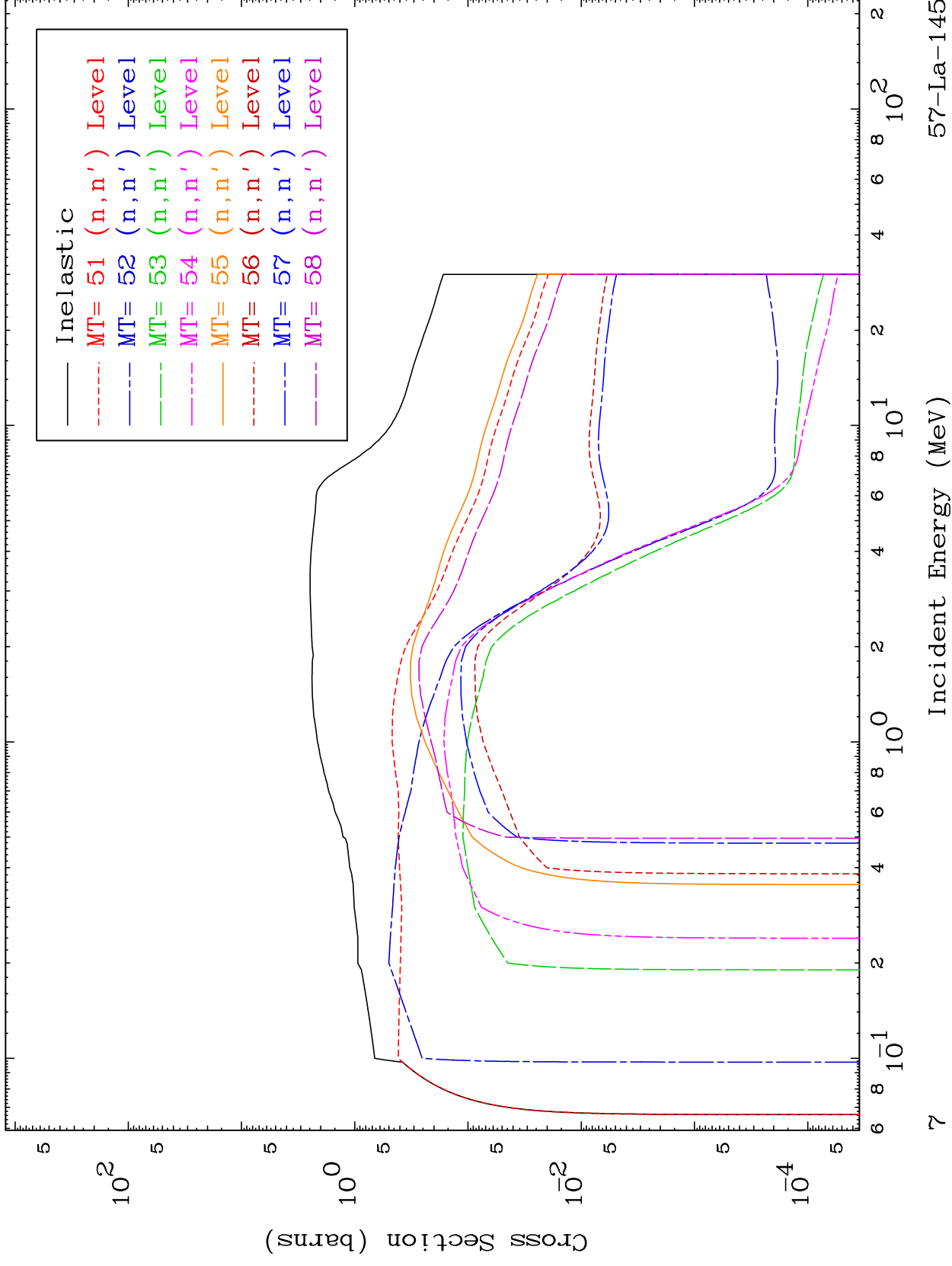
6

MAT 5746

(n,n') Level

57-La-145

293 Kelvin Cross Sections



7

Incident Energy (MeV)

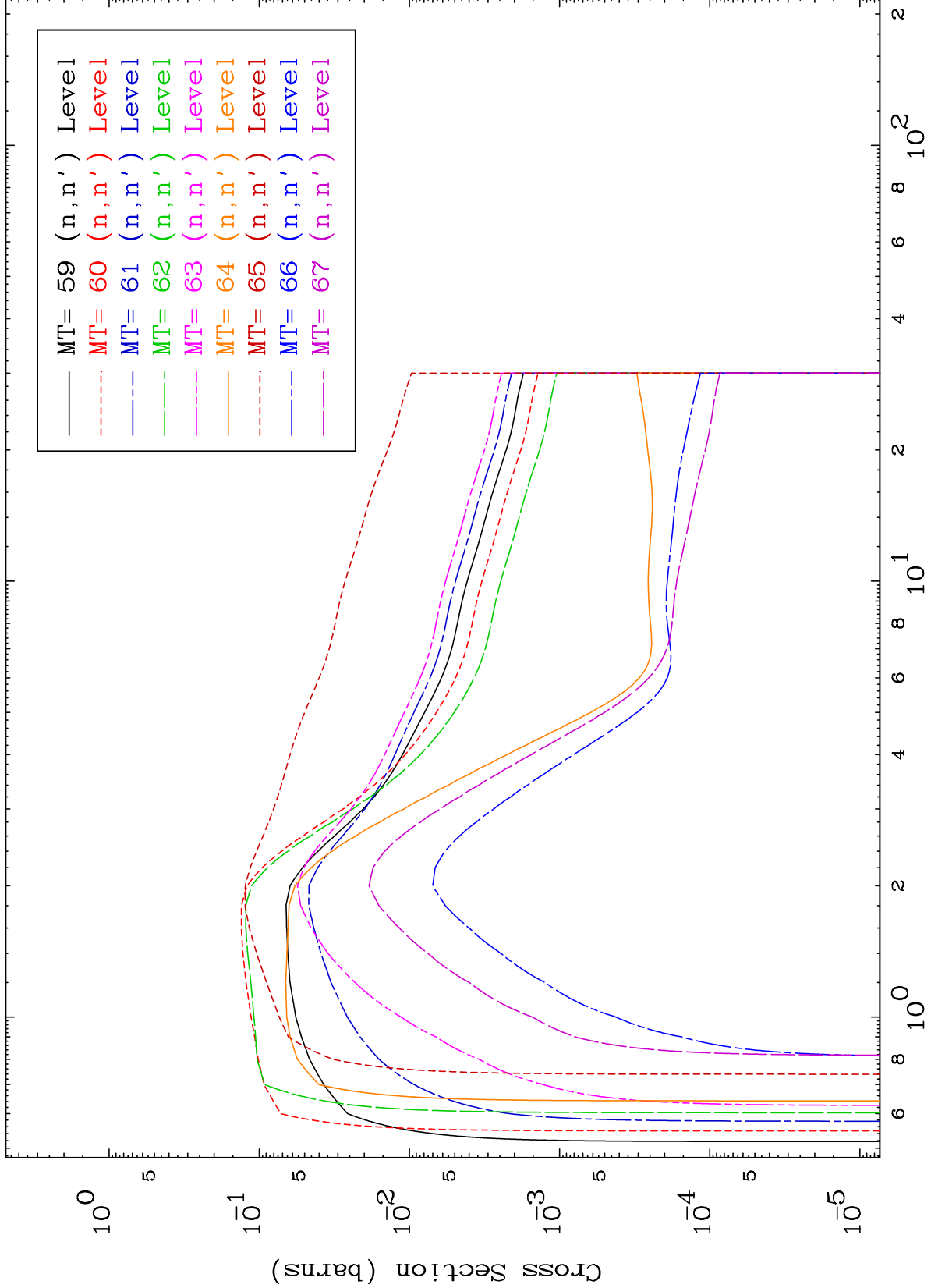
57-La-145

MAT 5746

(n,n') Level

293 Kelvin Cross Sections

57-La-145



8

Incident Energy (MeV)

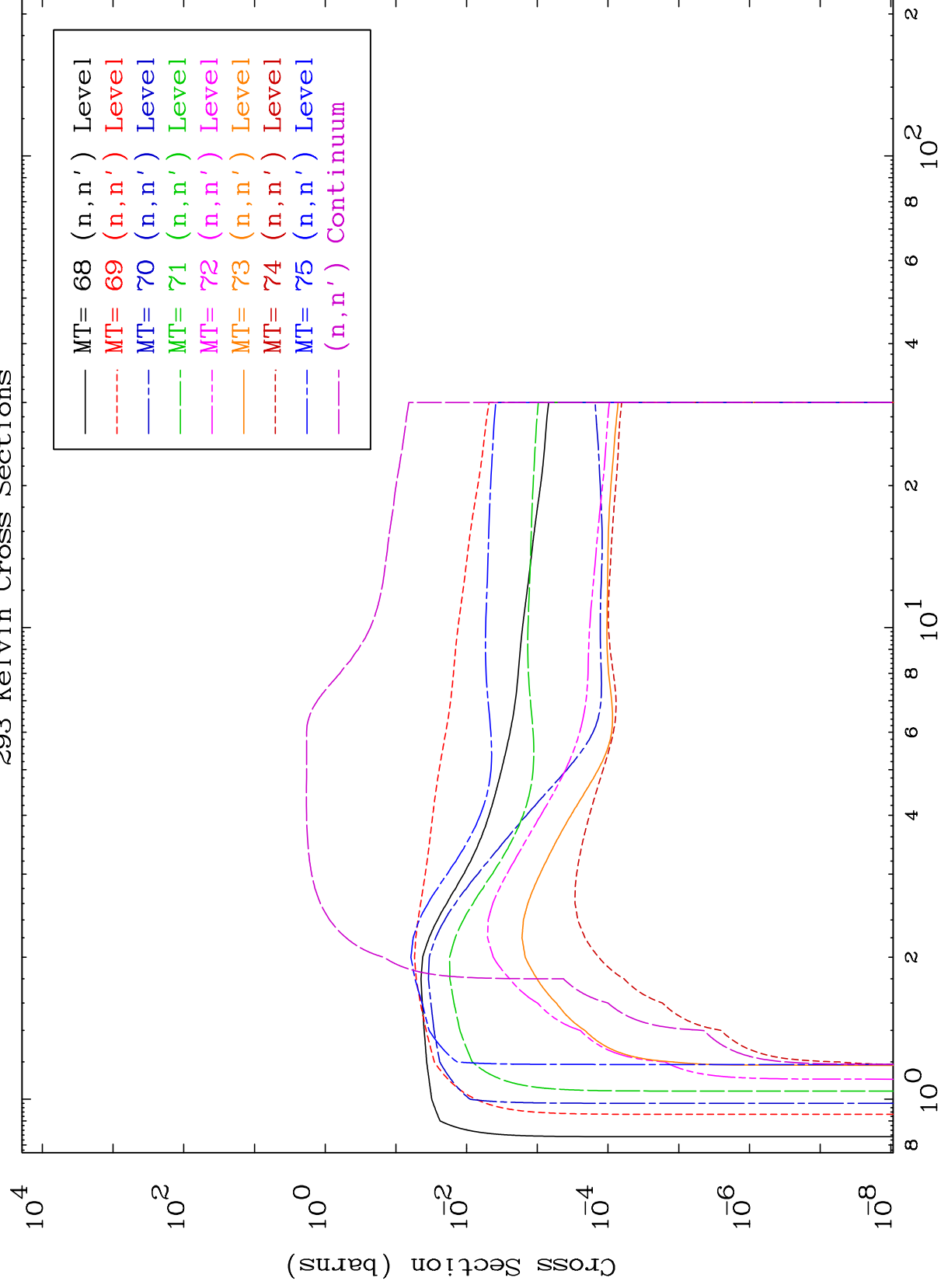
57-La-145

MAT 5746

(n,n') Level

57-La-145

293 Kelvin Cross Sections



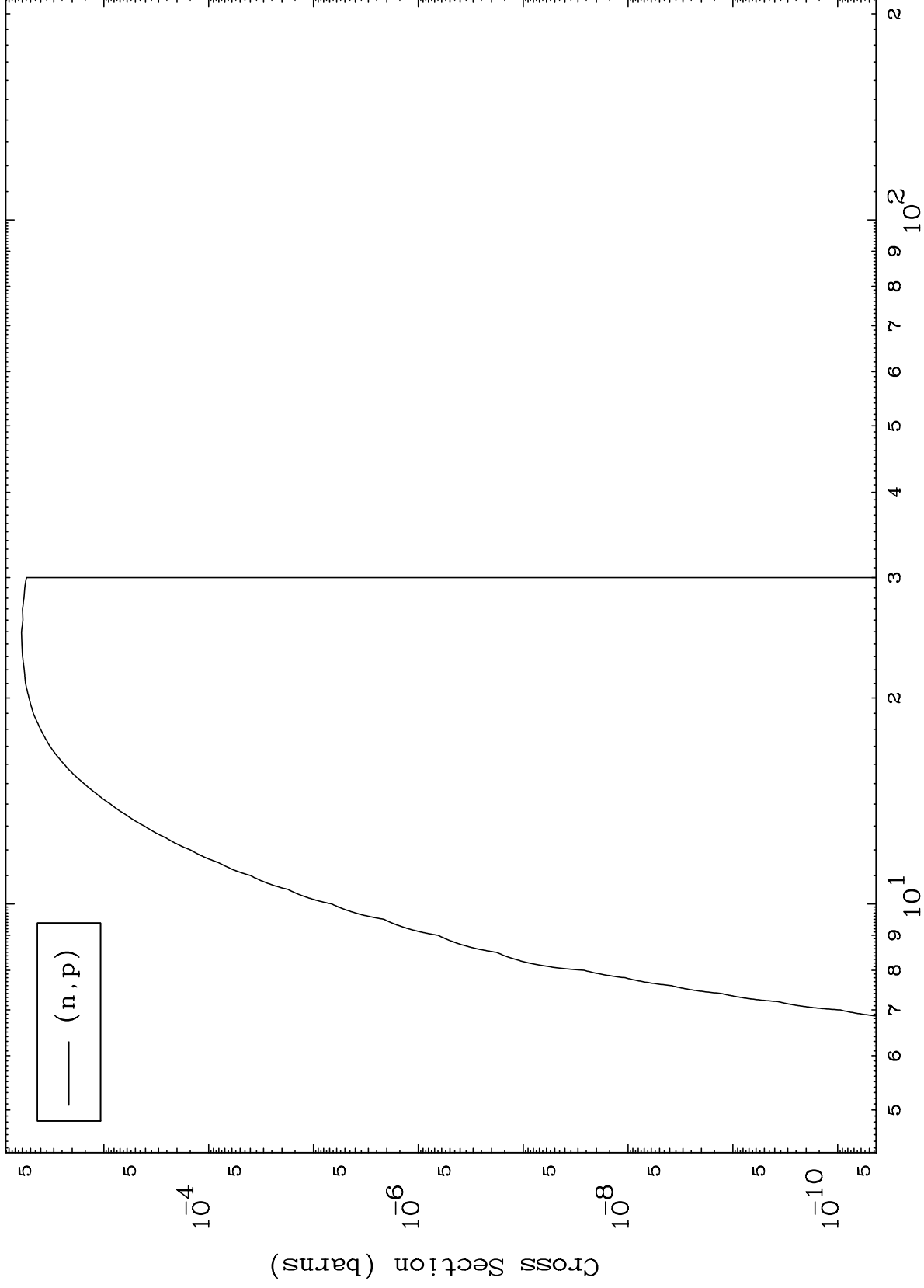
Incident Energy (MeV)

57-La-145

MAT 5746

(n,p) Levels
293 Kelvin Cross Sections

57-La-145



10

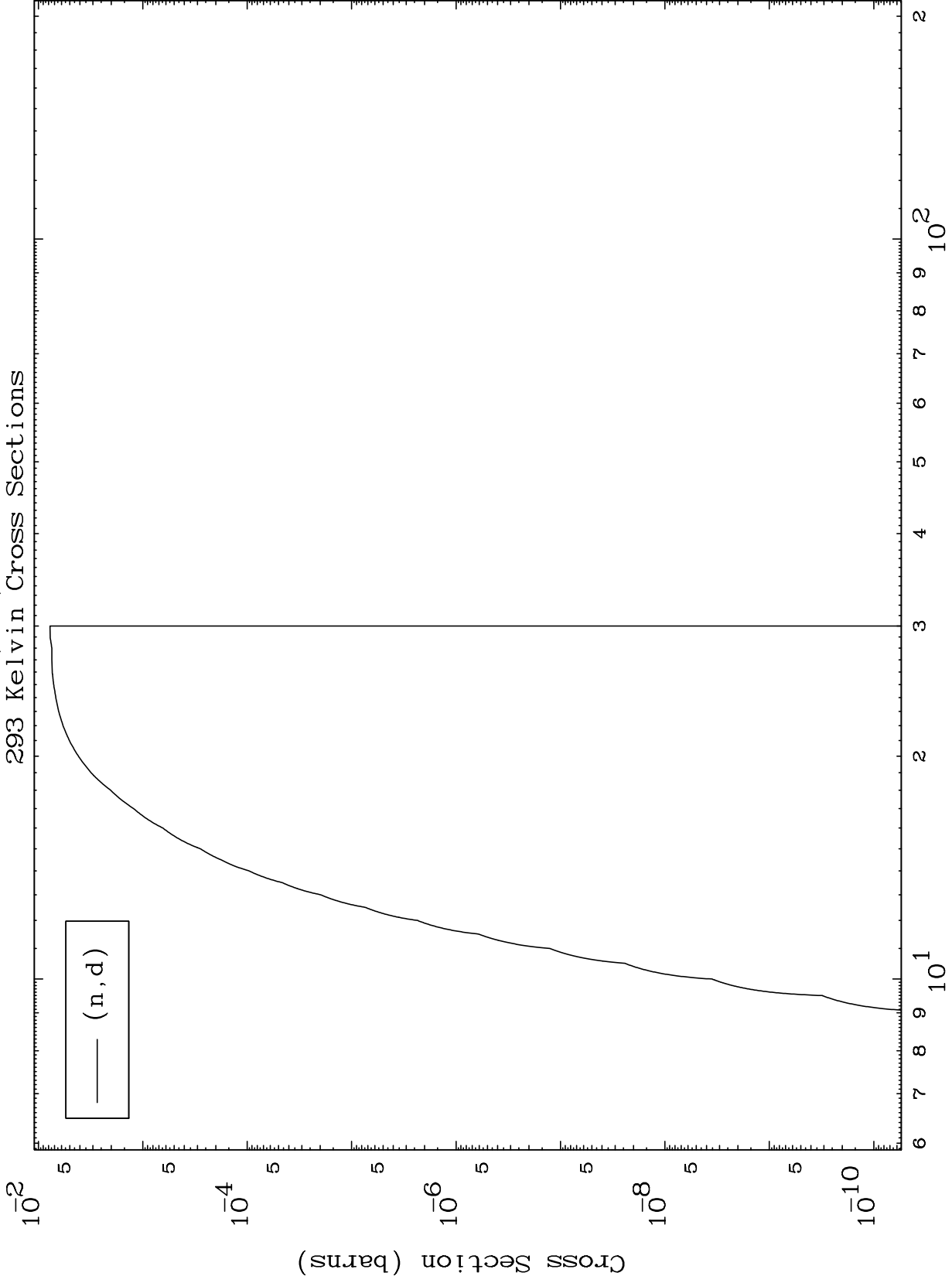
Incident Energy (MeV)

57-La-145

MAT 5746

(n,d) Levels
293 Kelvin Cross Sections

57-La-145



11

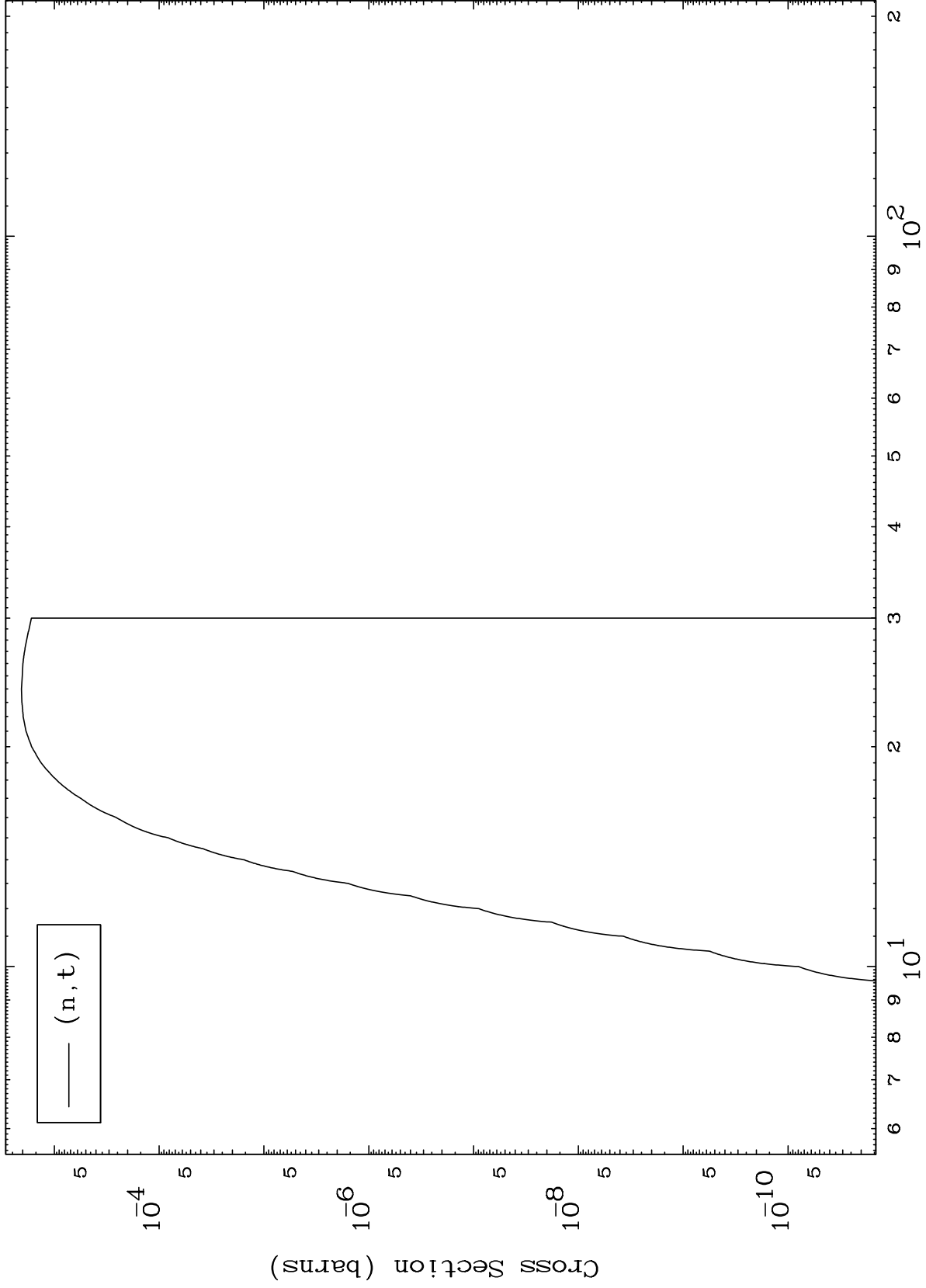
Incident Energy (MeV)

57-La-145

MAT 5746

(n, t) Levels
293 Kelvin Cross Sections

57-La-145



12

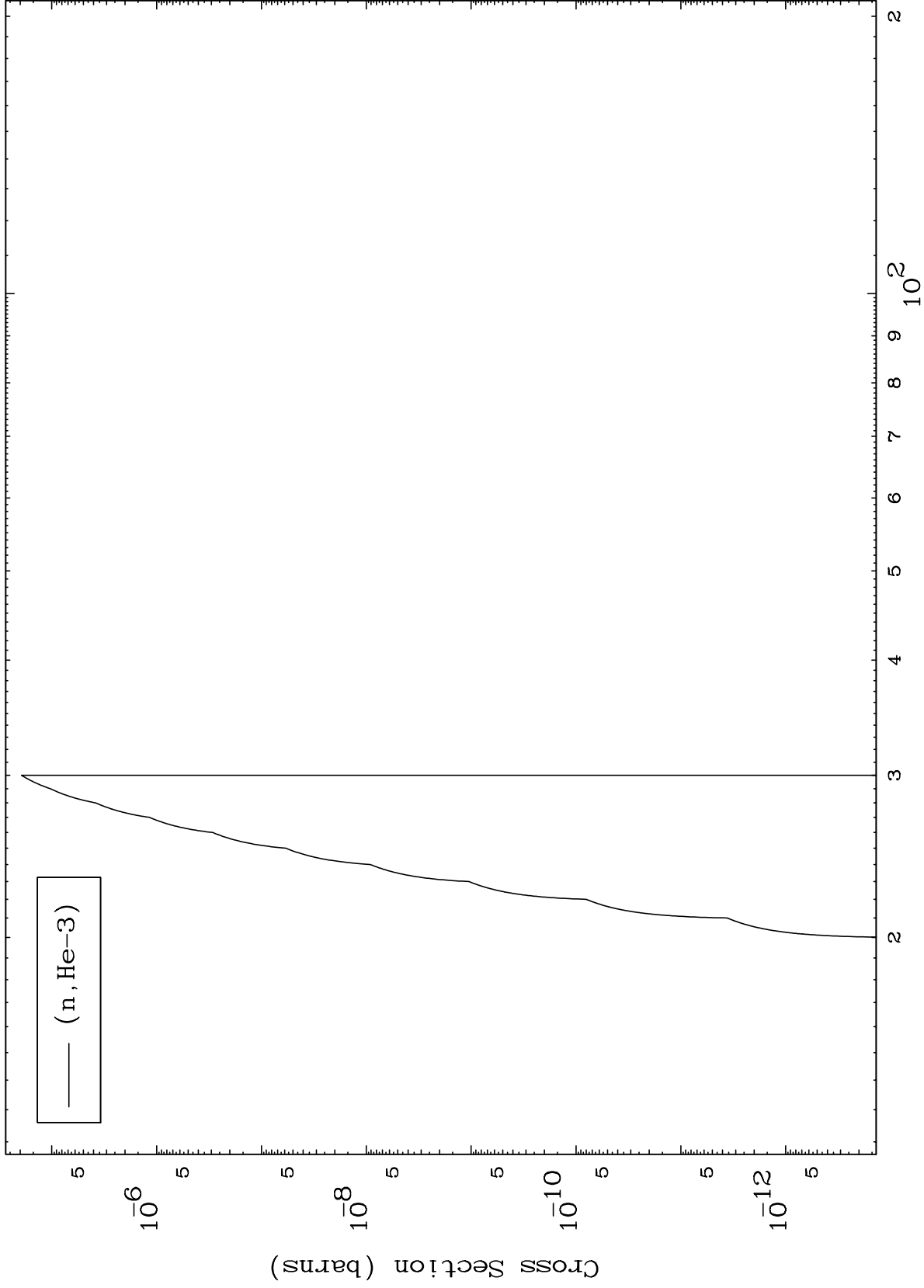
Incident Energy (MeV)

57-La-145

MAT 5746

(n,He3) Levels
293 Kelvin Cross Sections

57-La-145



13

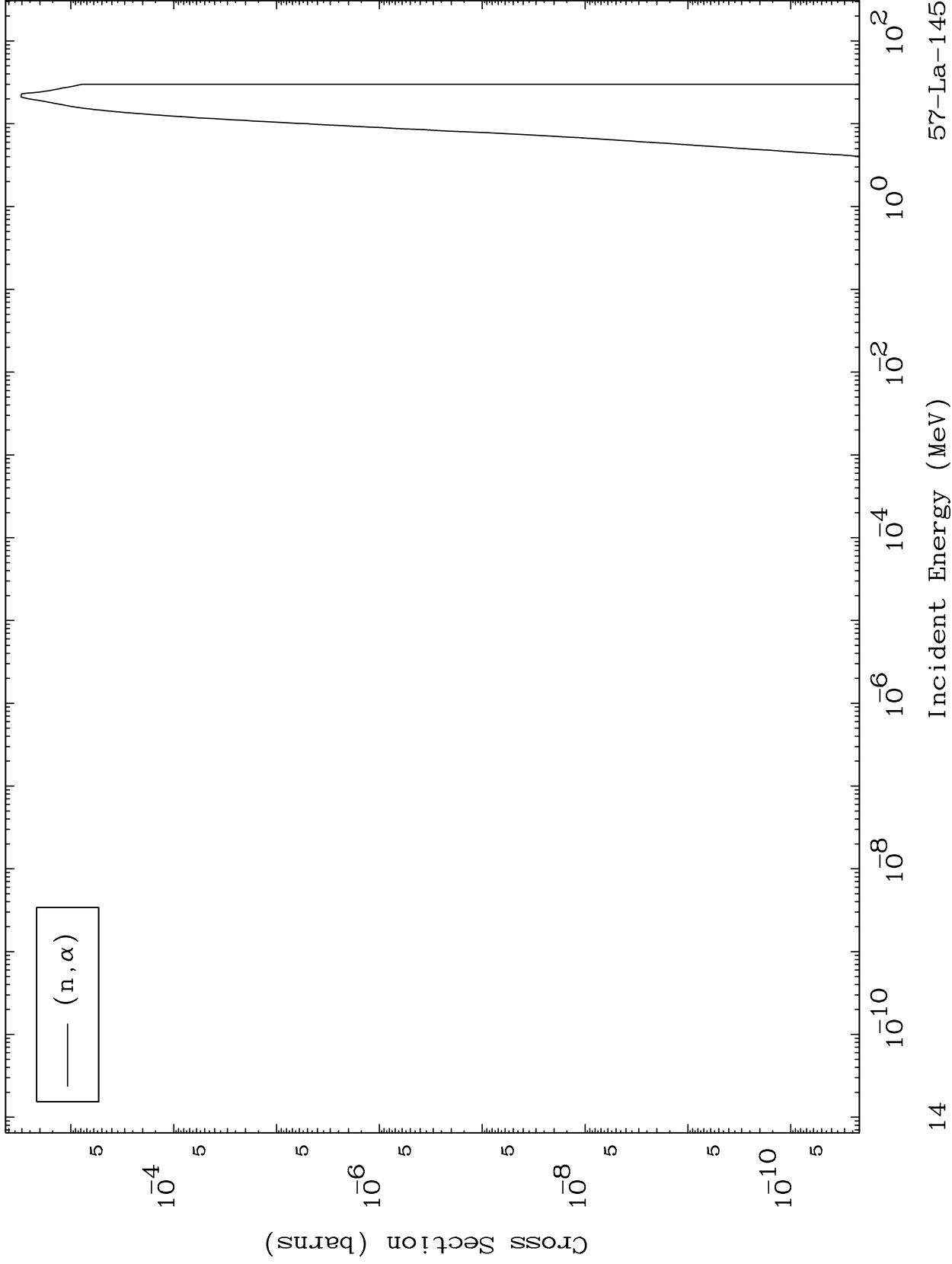
Incident Energy (MeV)

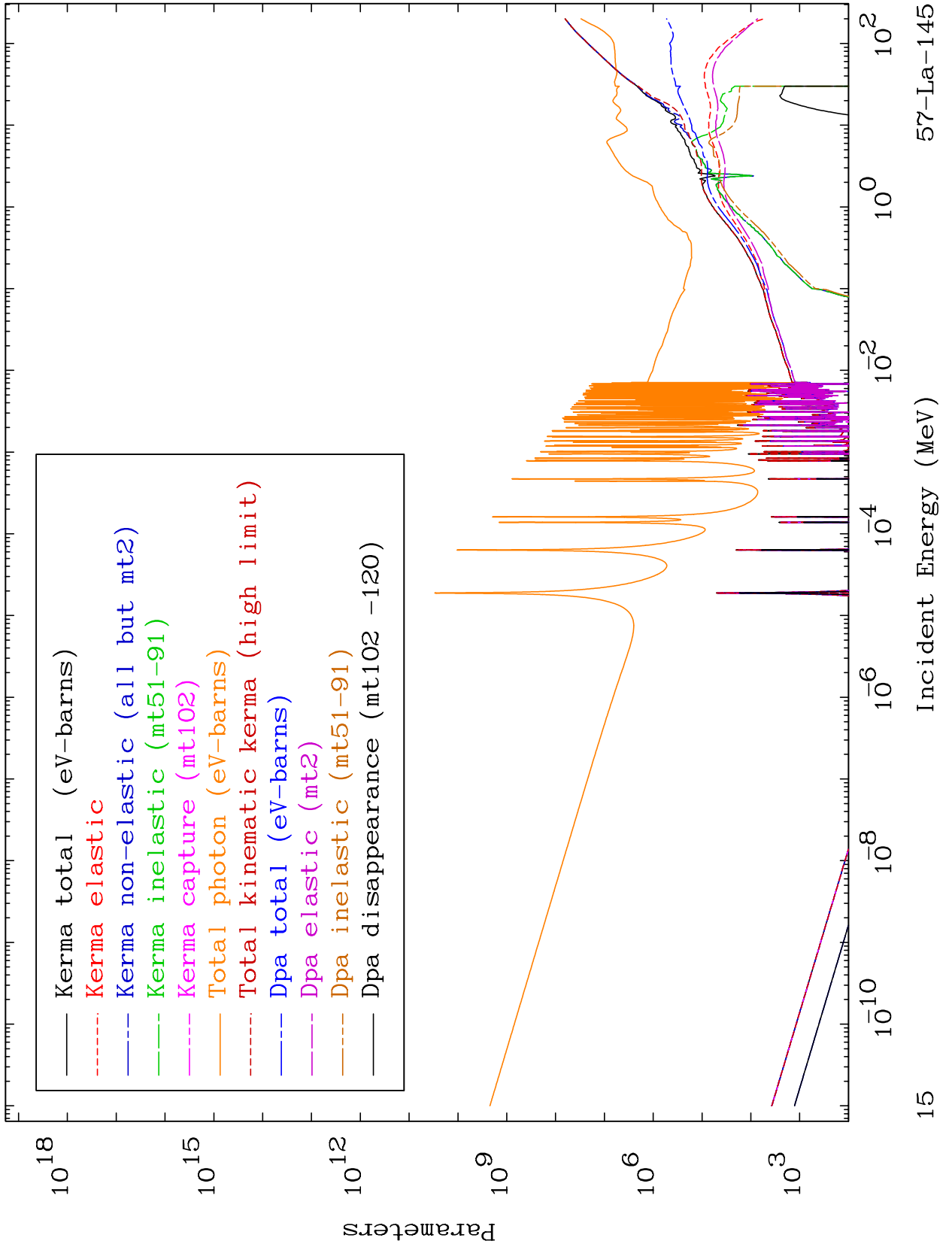
57-La-145

MAT 5746

(n, α) Levels
293 Kelvin Cross Sections

57-La-145

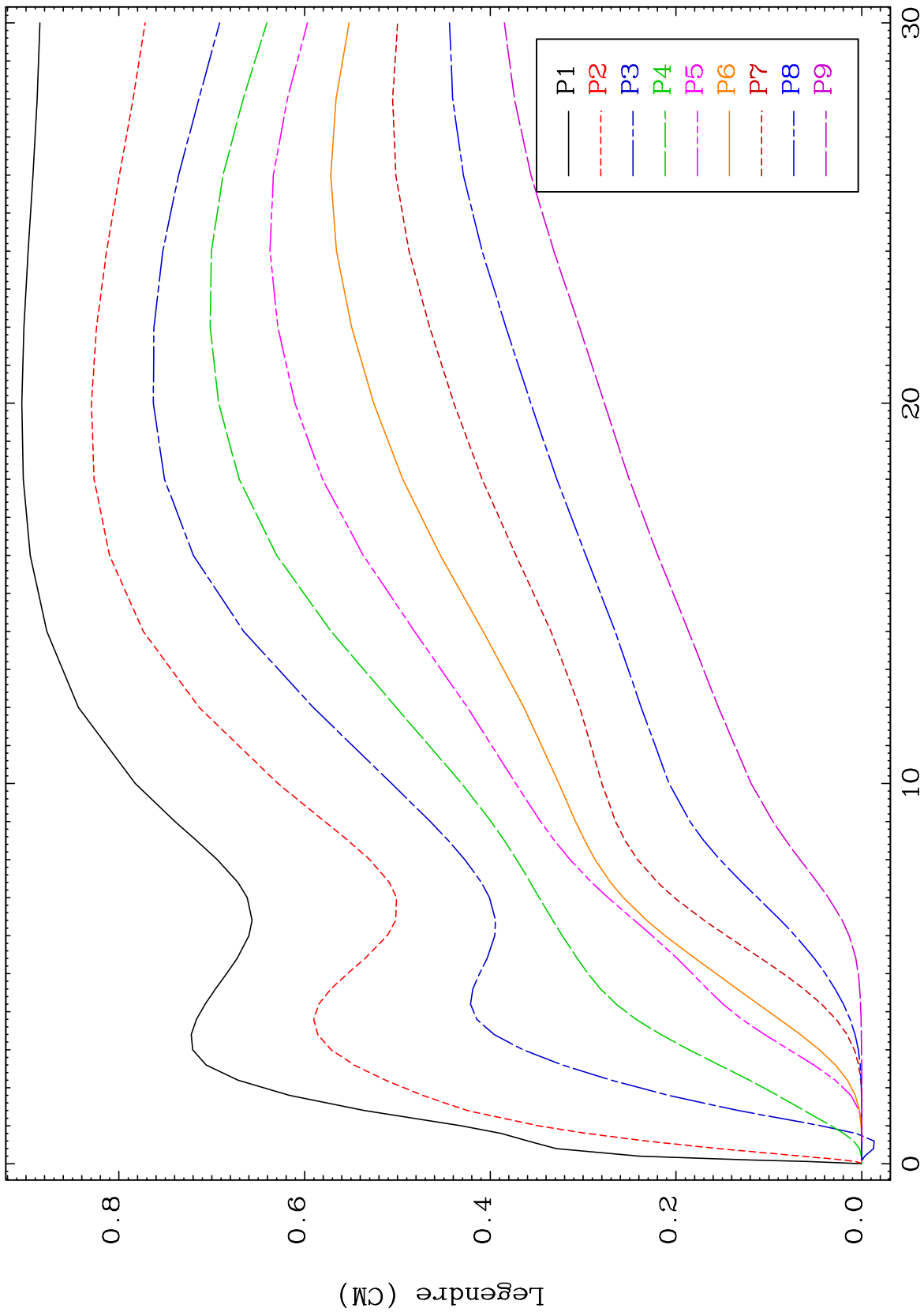




MAT 5746

57-La-145

Elastic Legendre Coefficients



57-La-145

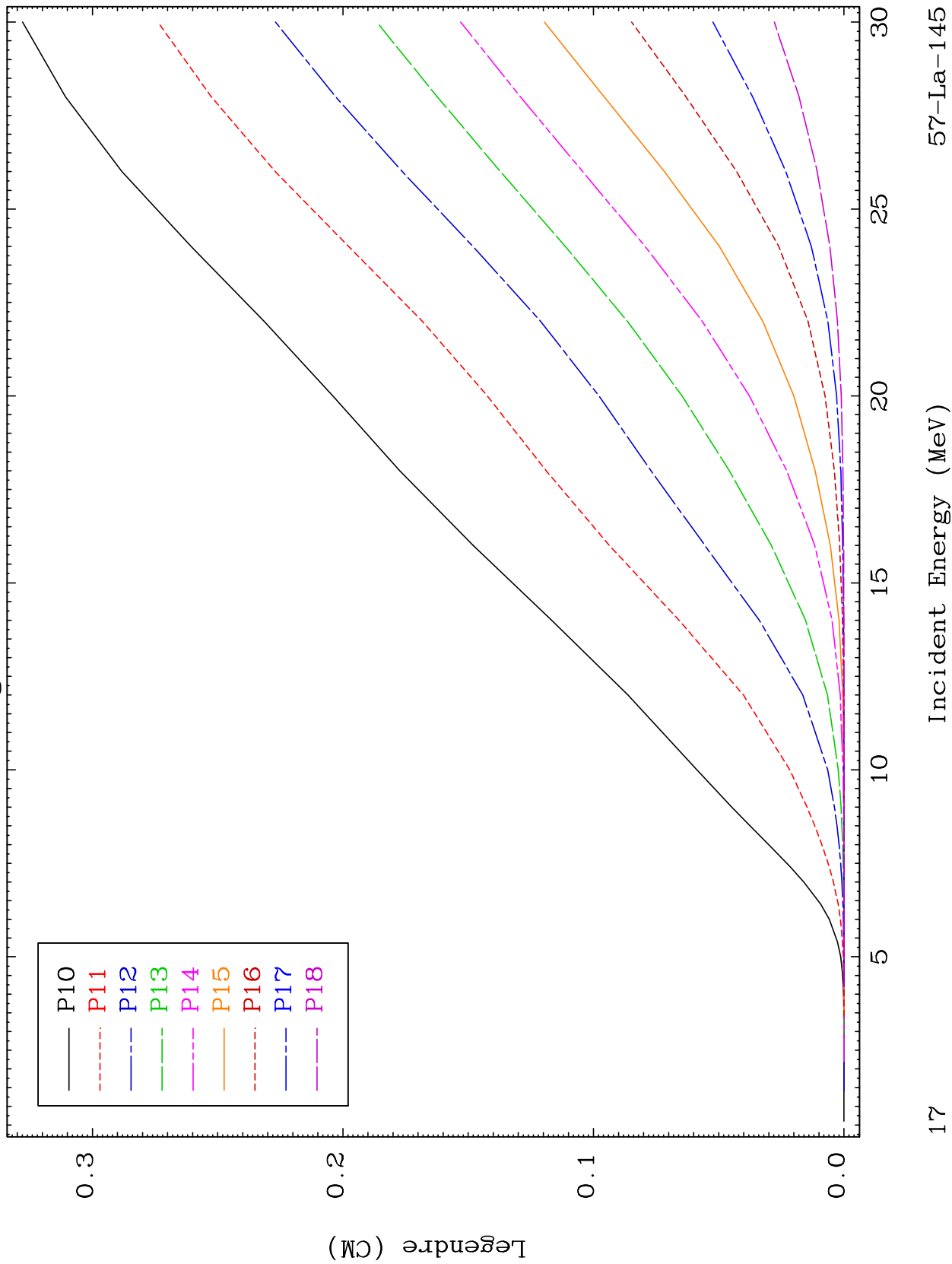
Incident Energy (MeV)

16

MAT 5746

Elastic Legendre Coefficients

57-La-145

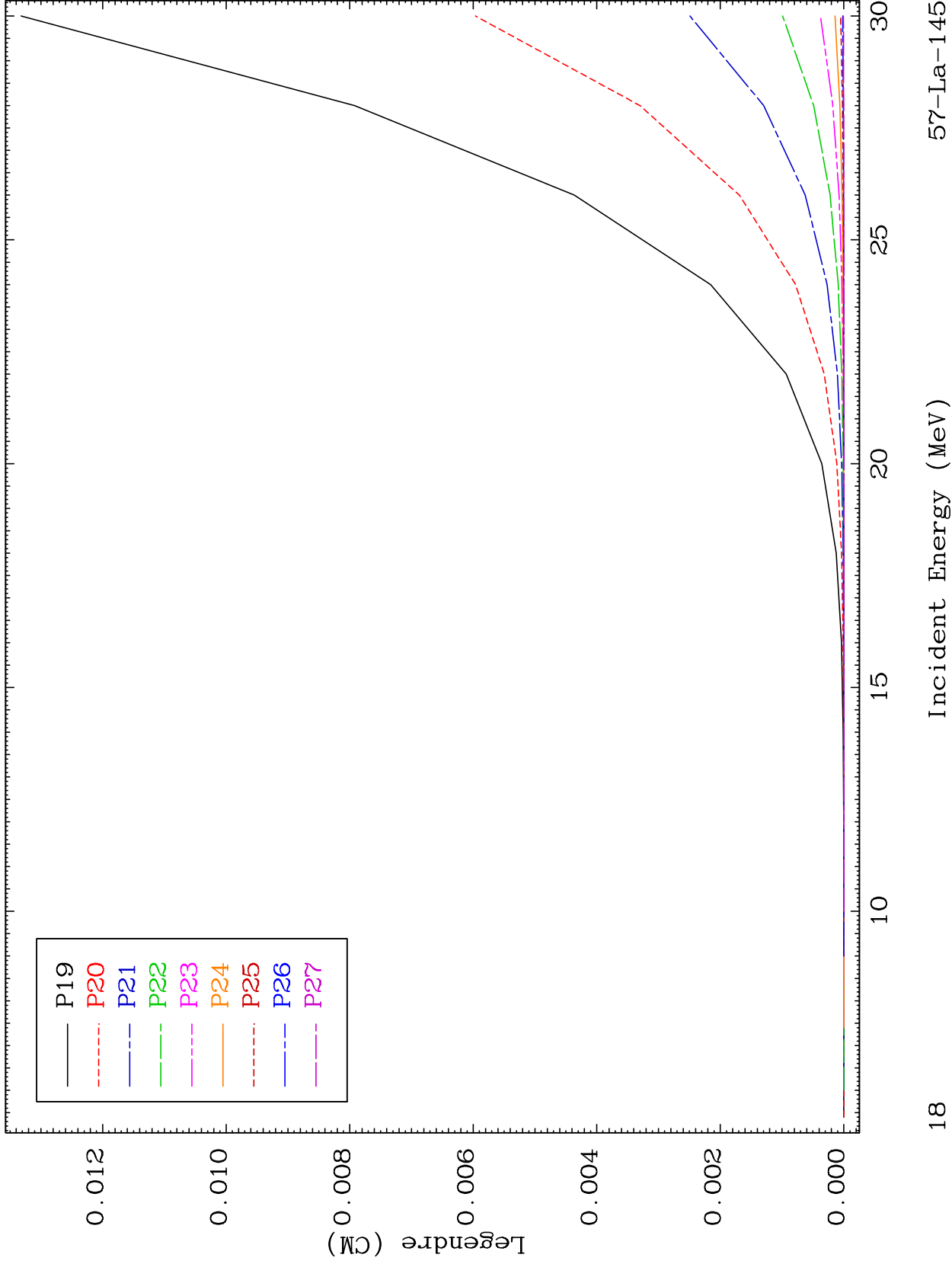


17

MAT 5746

Elastic Legendre Coefficients

57-La-145



18

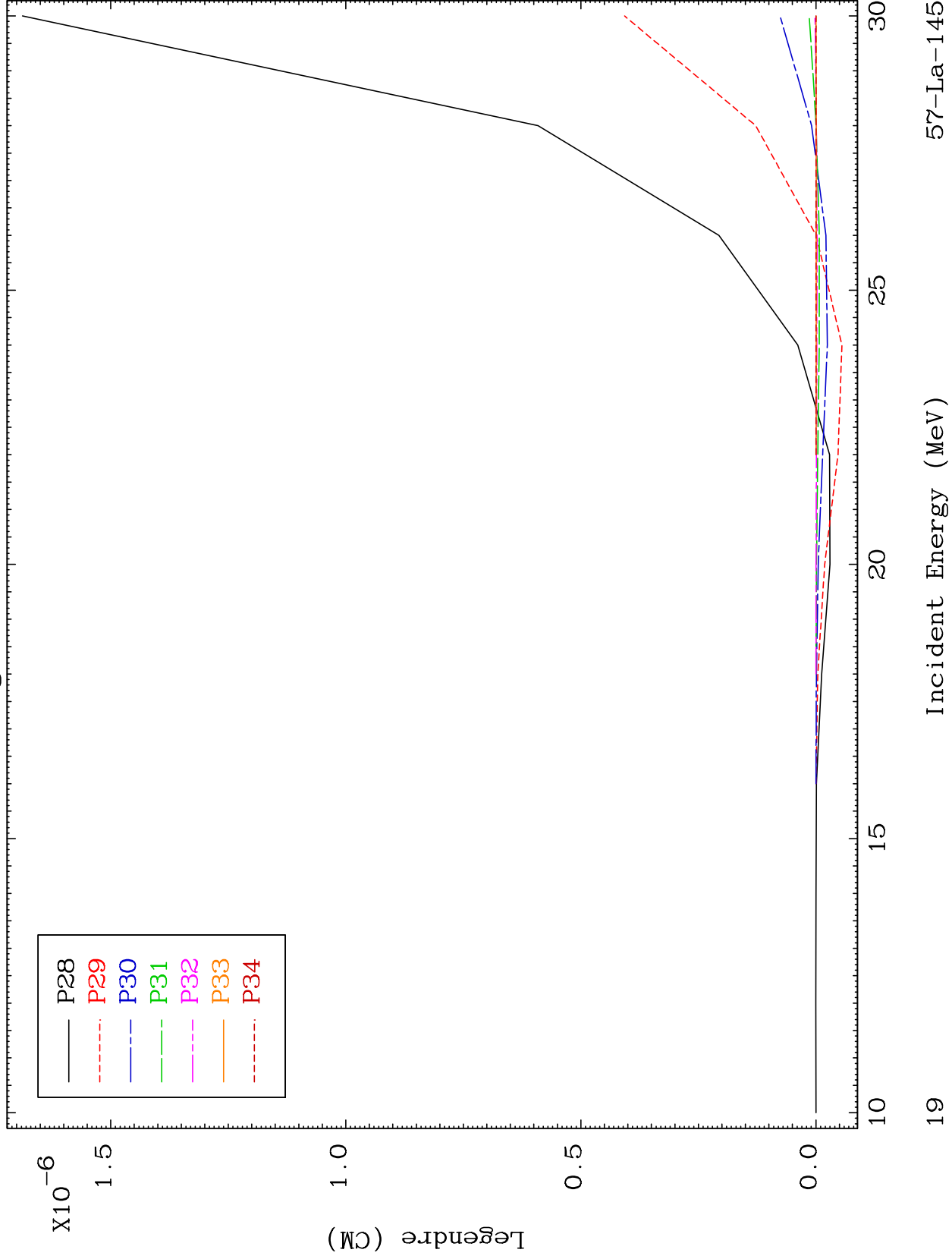
Incident Energy (MeV)

57-La-145

MAT 5746

Elastic
Legendre Coefficients

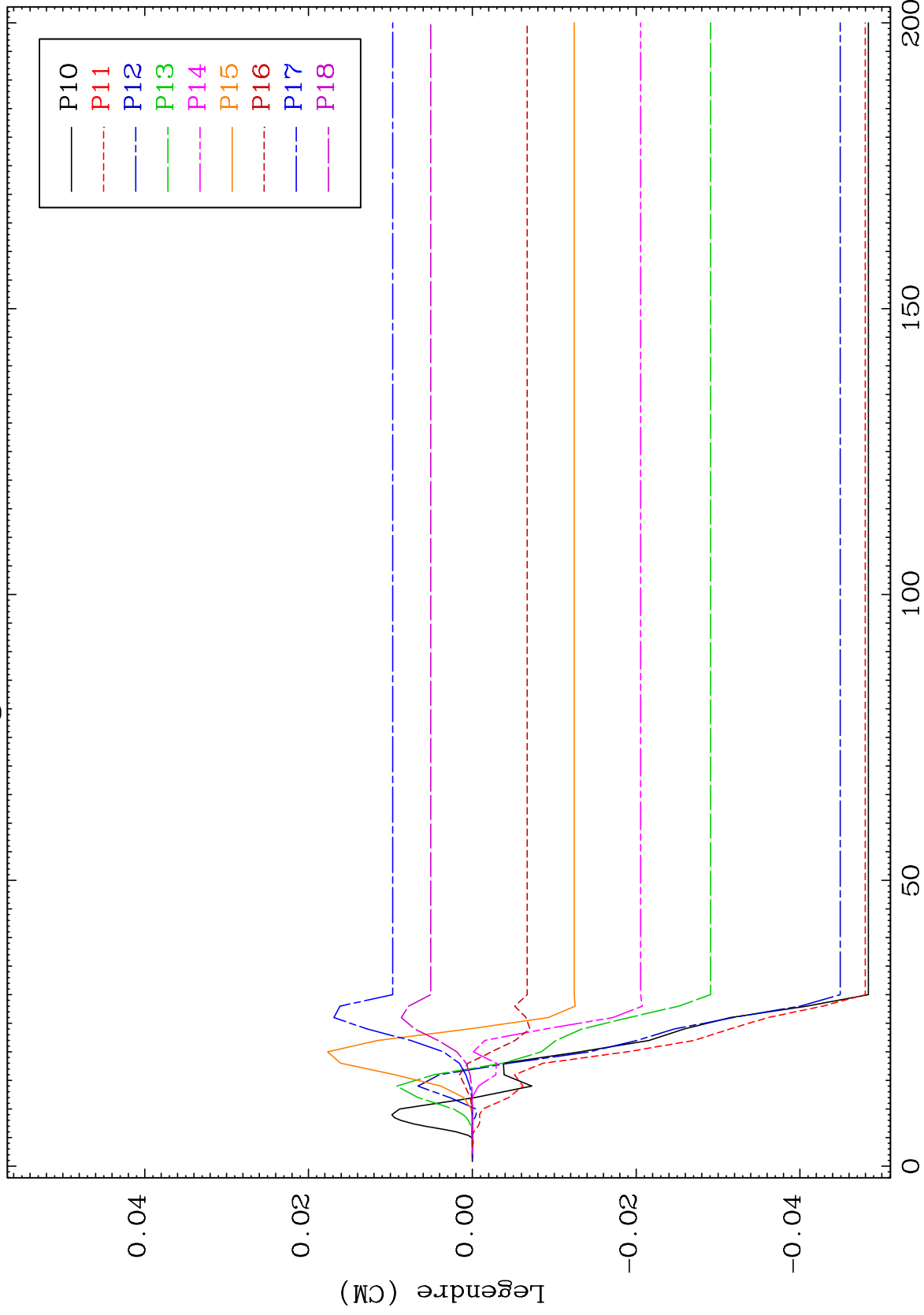
57-La-145



MAT 5746

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

57-La-145



21

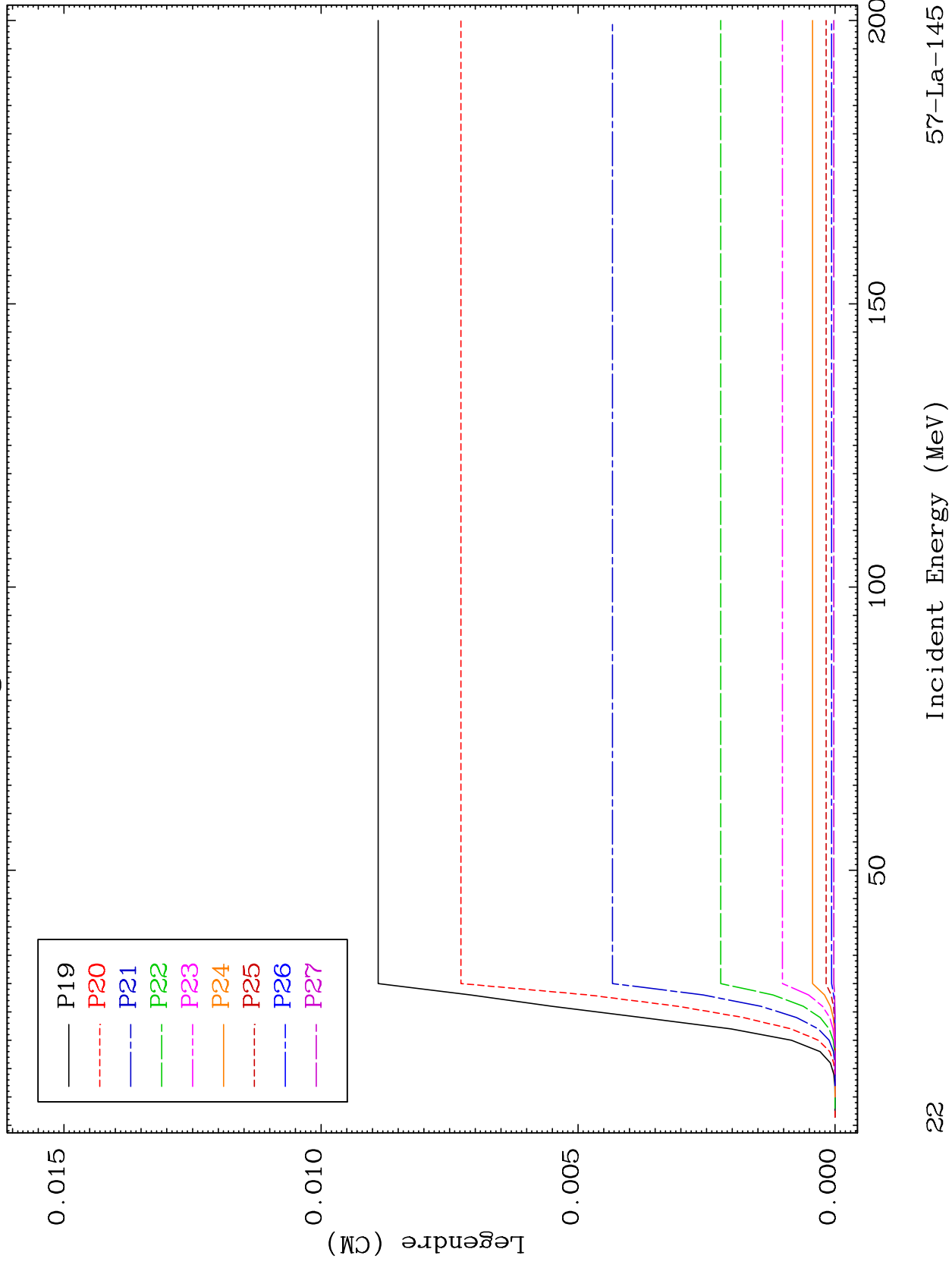
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



22

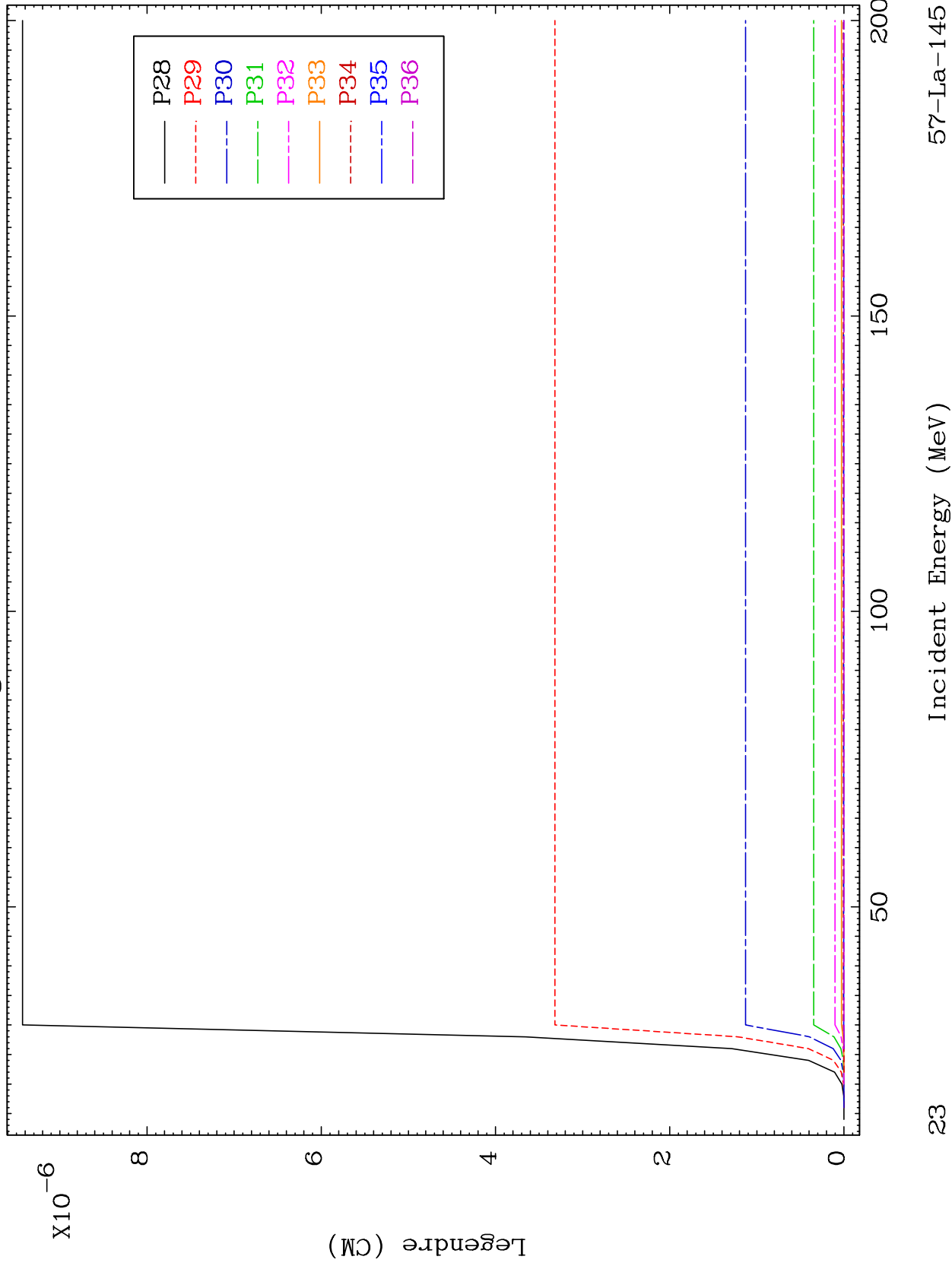
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



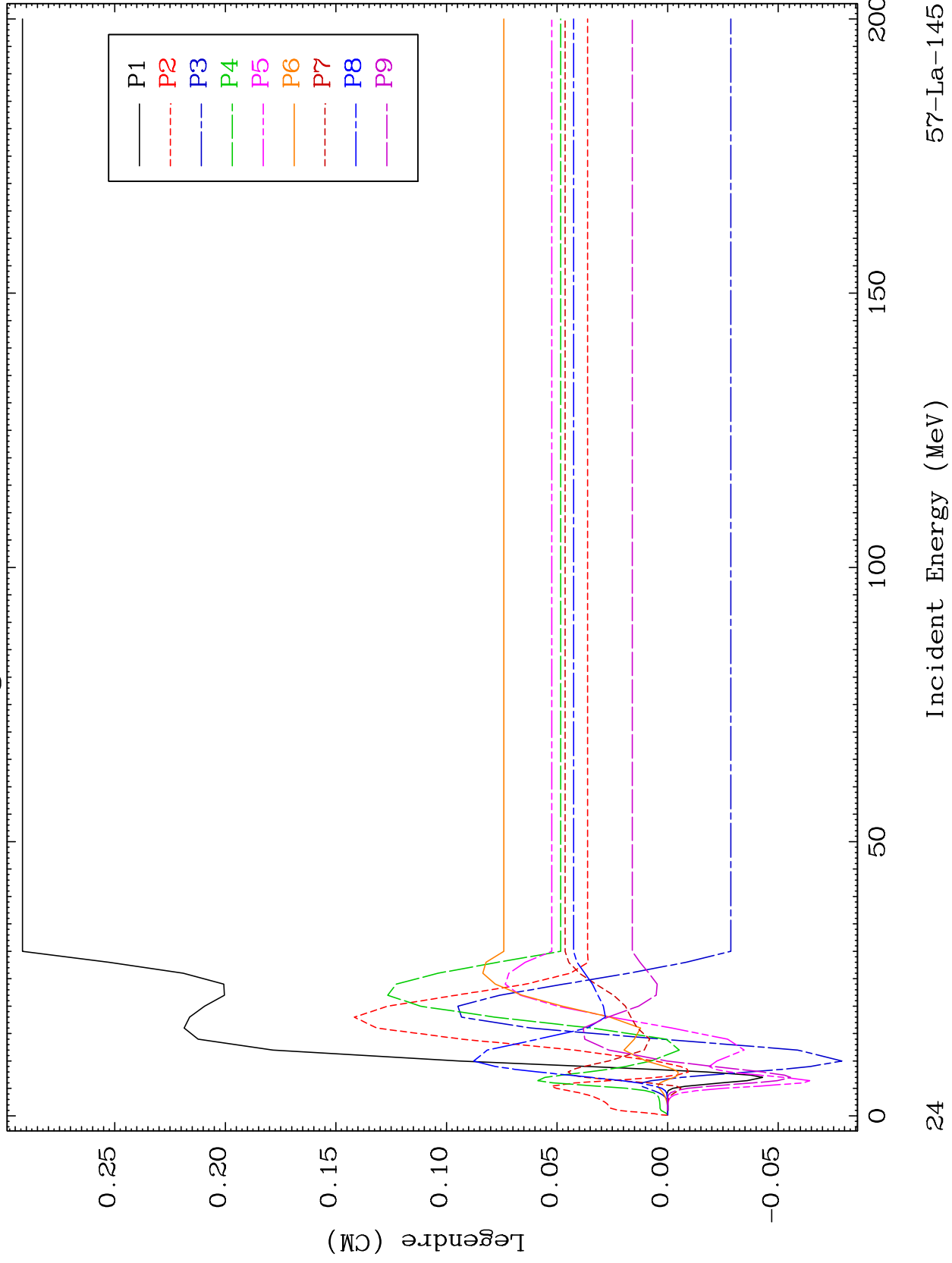
23

57-La-145

MAT 5746

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

57-La-145



57-La-145

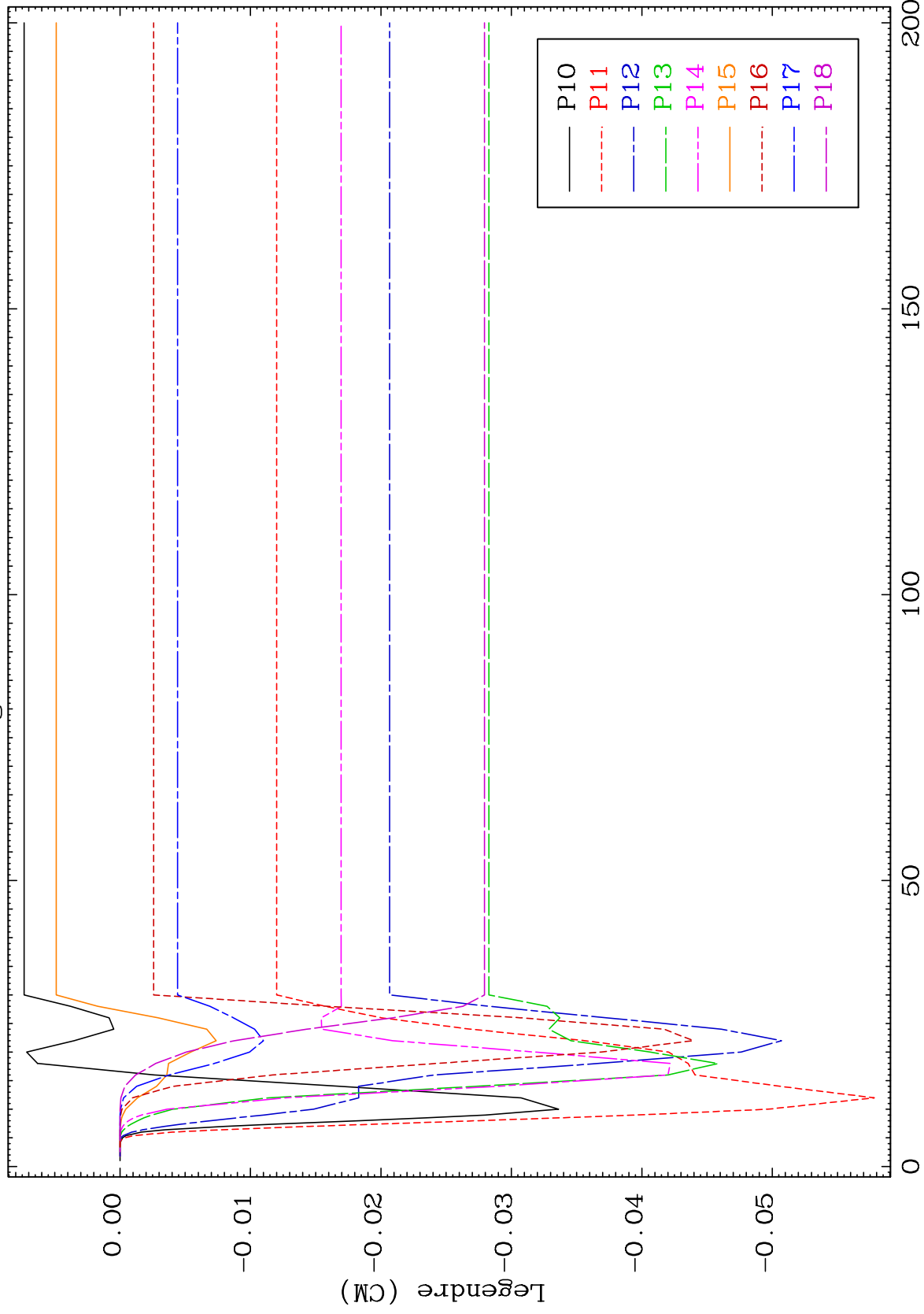
Incident Energy (MeV)

24

MAT 5746

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

57-La-145



25

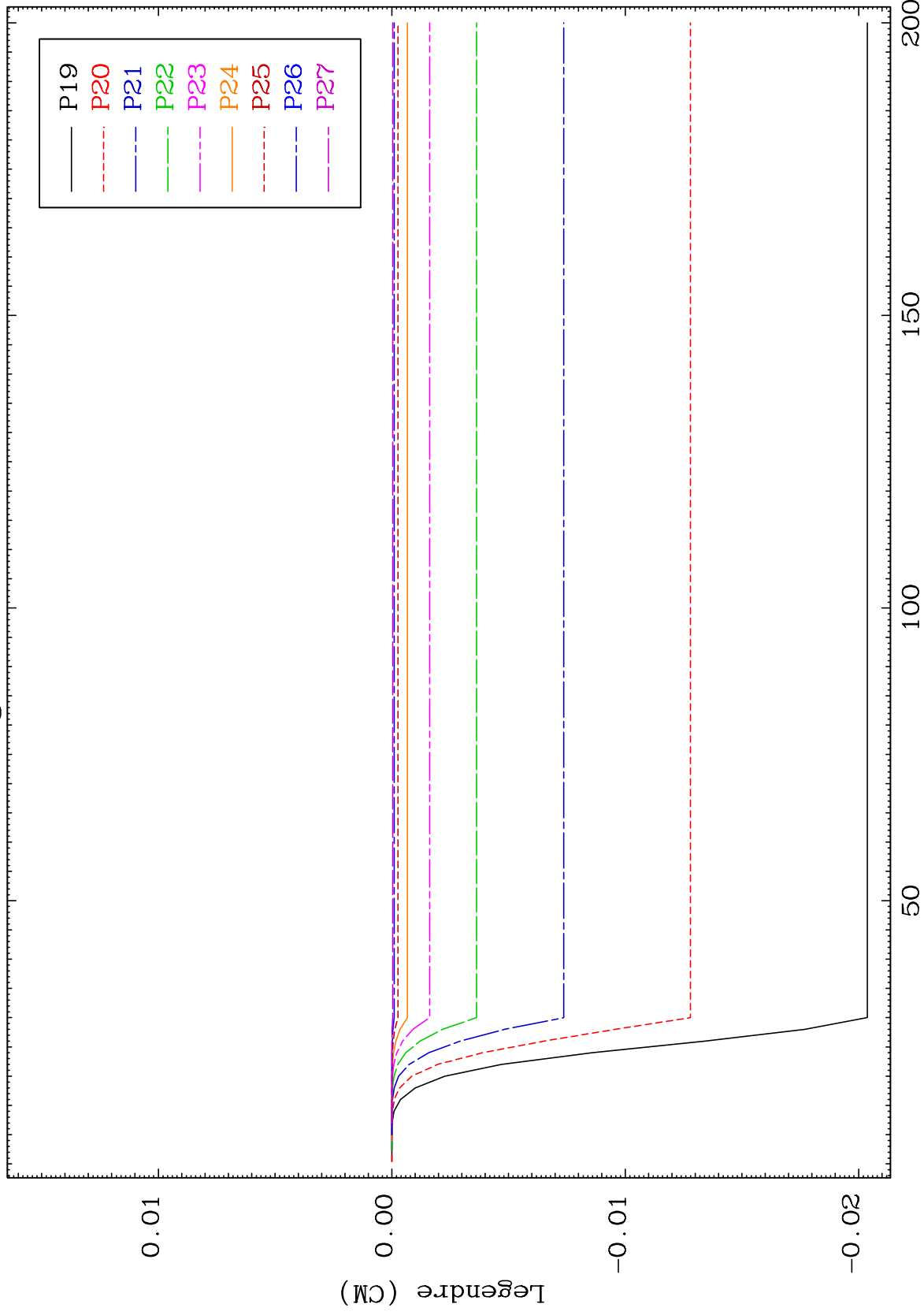
Incident Energy (MeV)

57-La-145

MAT 5746

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

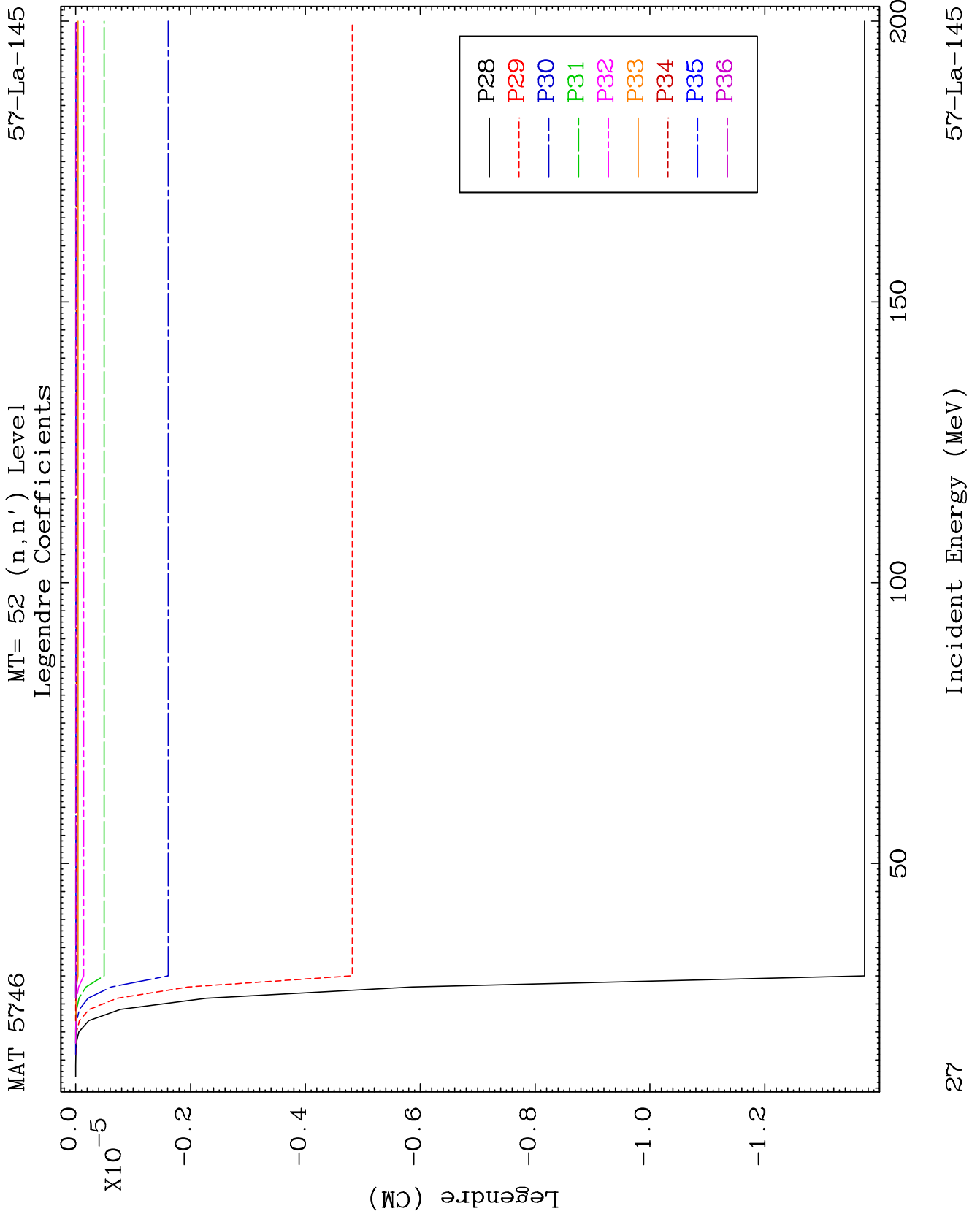
57-La-145



26

Incident Energy (MeV)

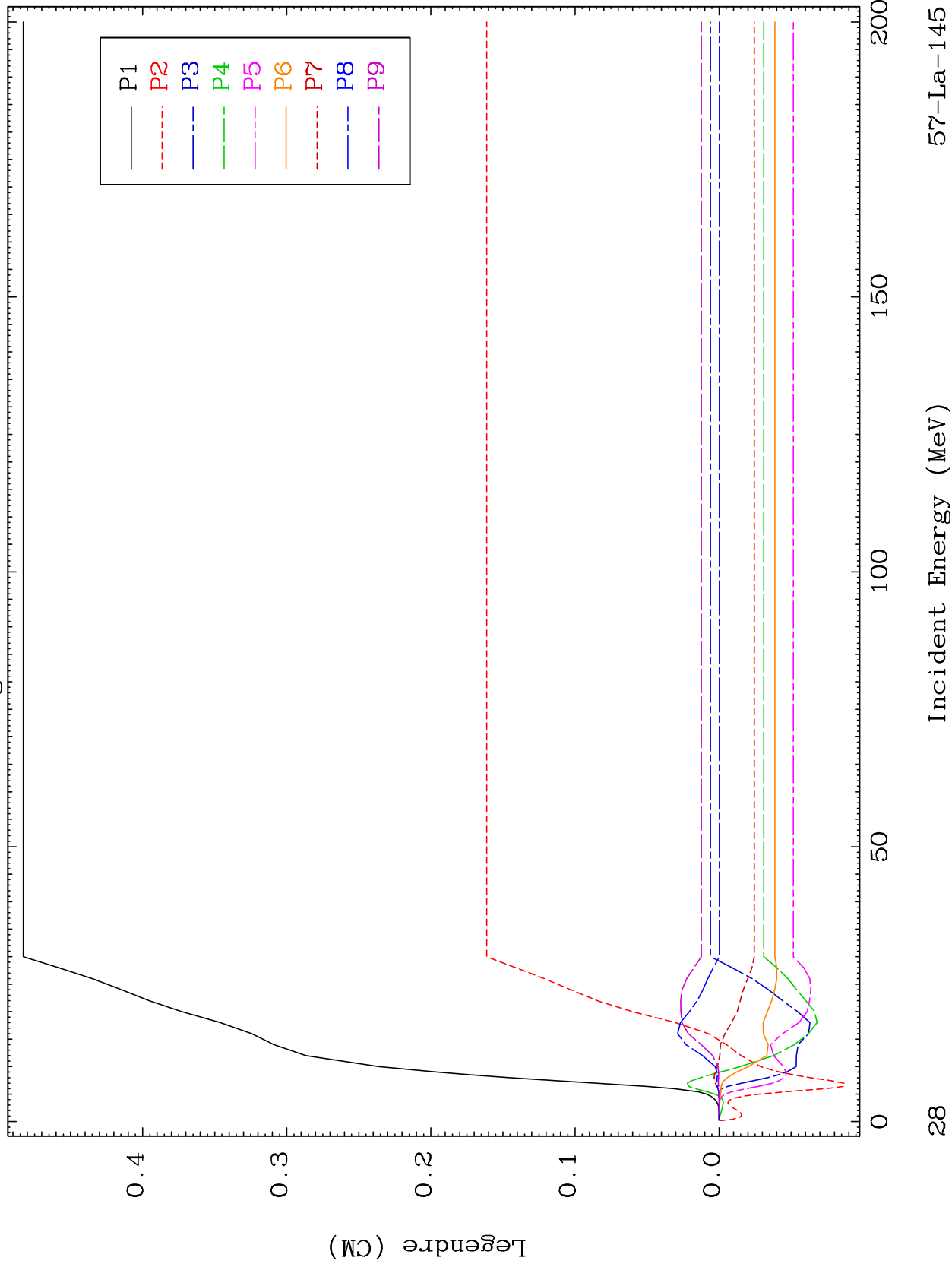
57-La-145



MAT 5746

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

57-La-145



57-La-145

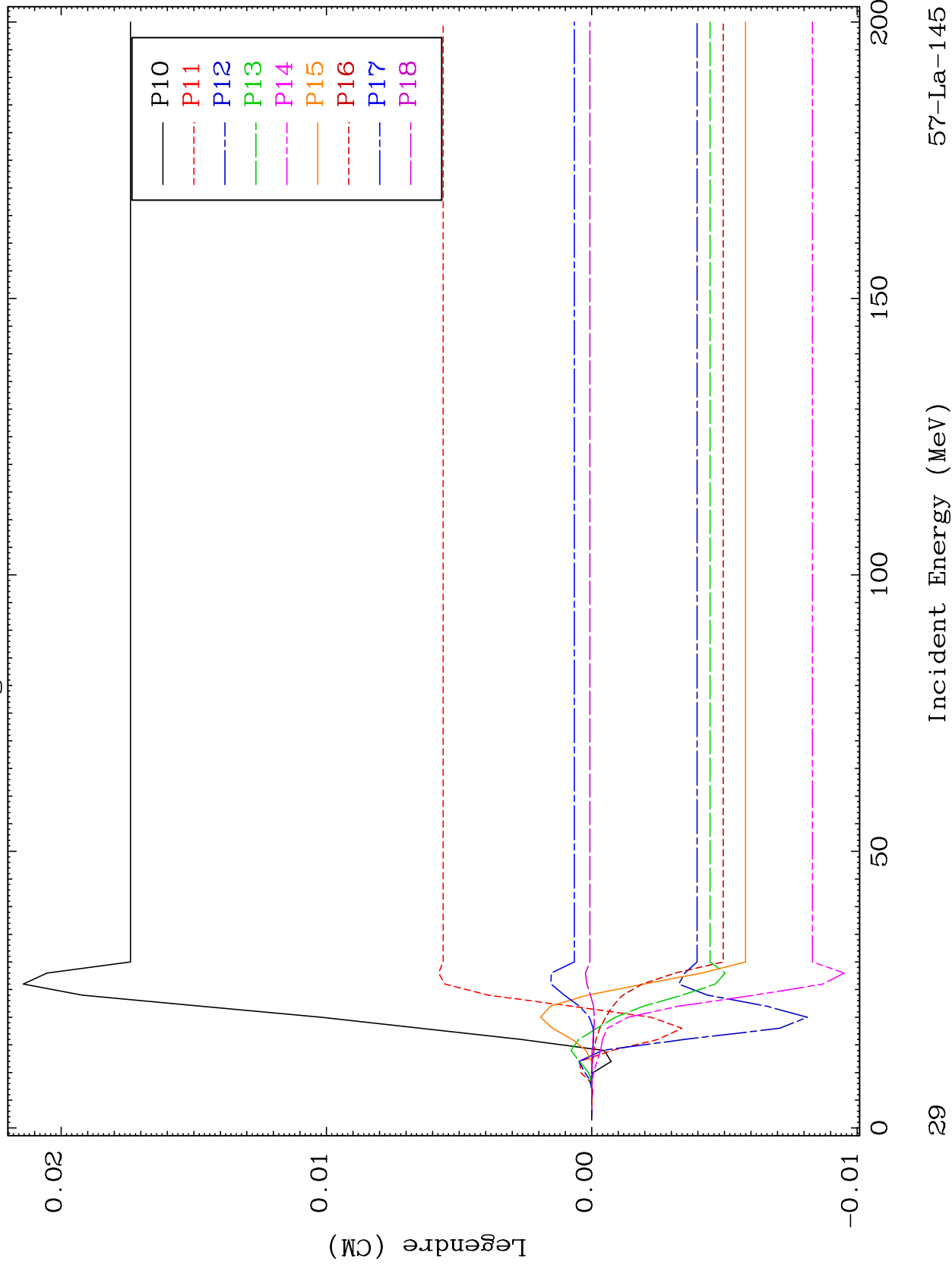
Incident Energy (MeV)

28

MAT 5746

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

57-La-145



29

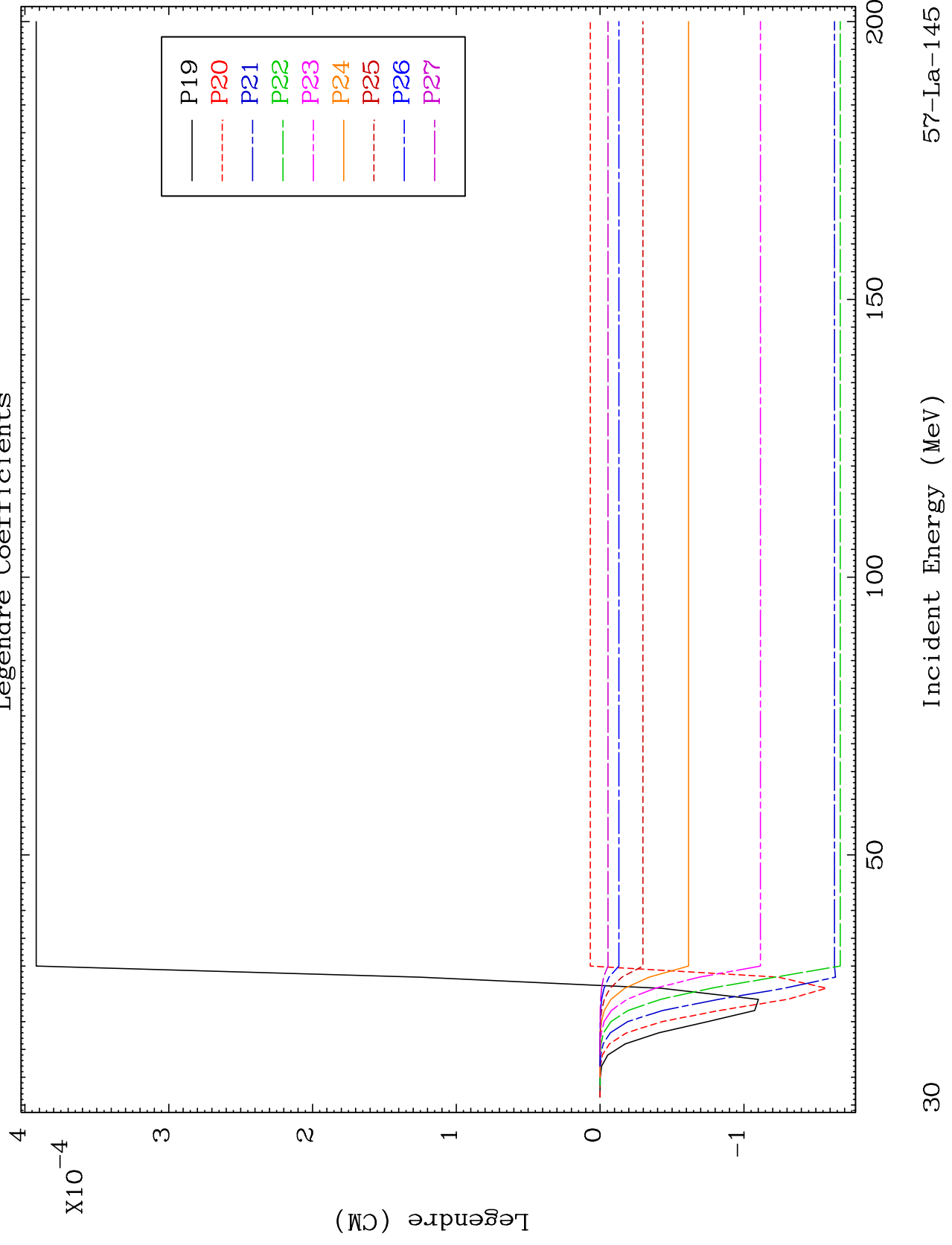
Incident Energy (MeV)

57-La-145

MAT 5746

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

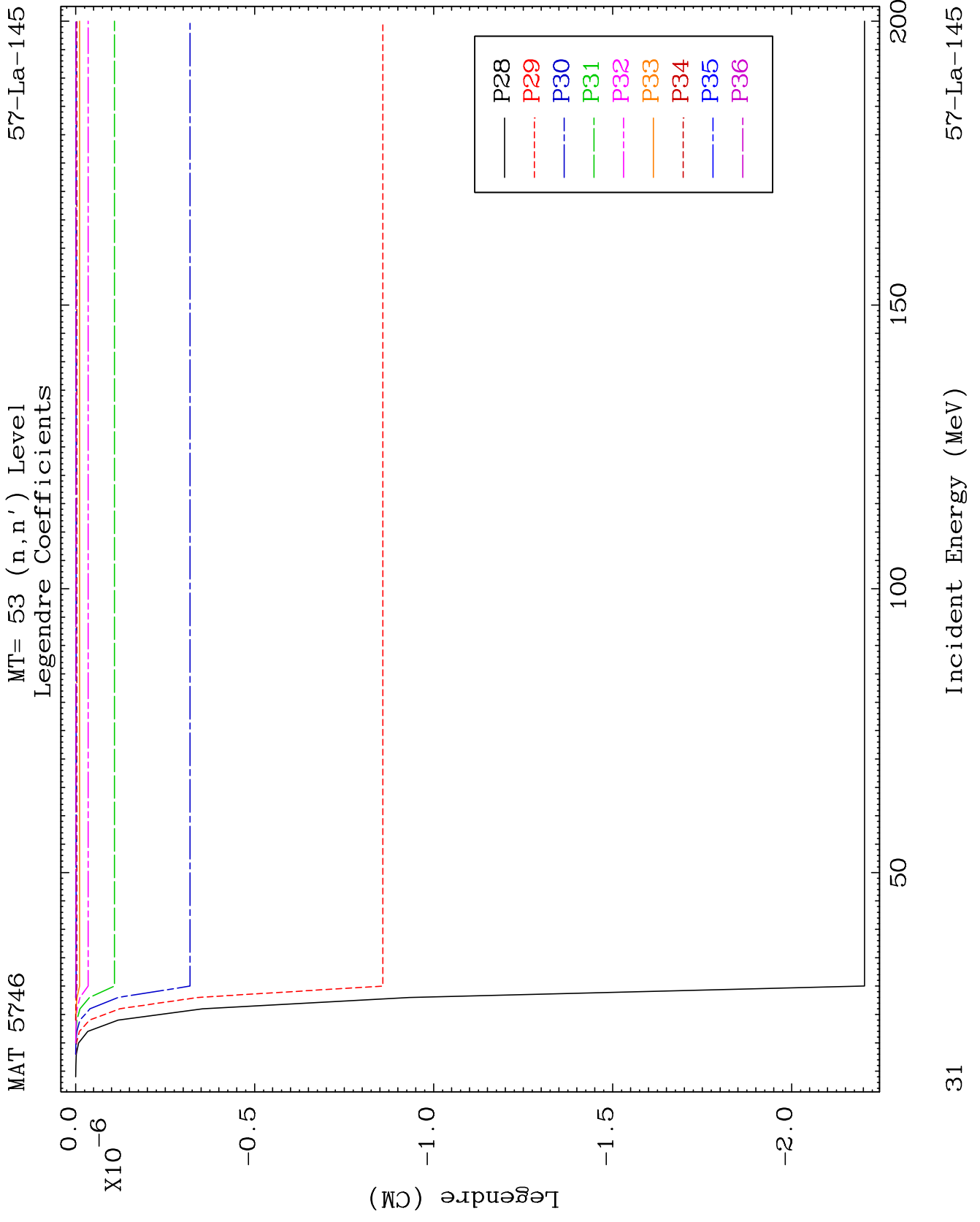
57-La-145



30

Incident Energy (MeV)

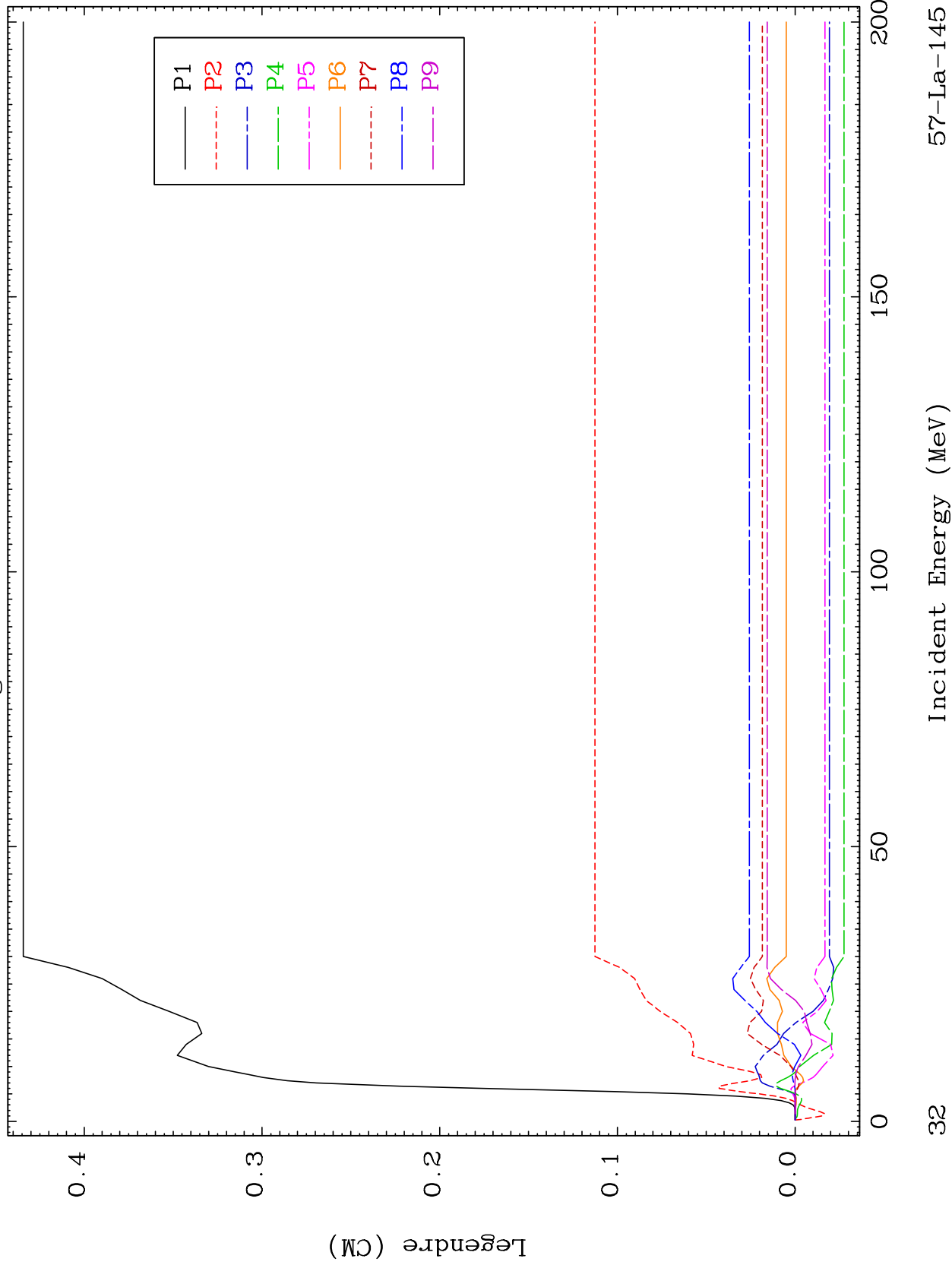
57-La-145



MAT 5746

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

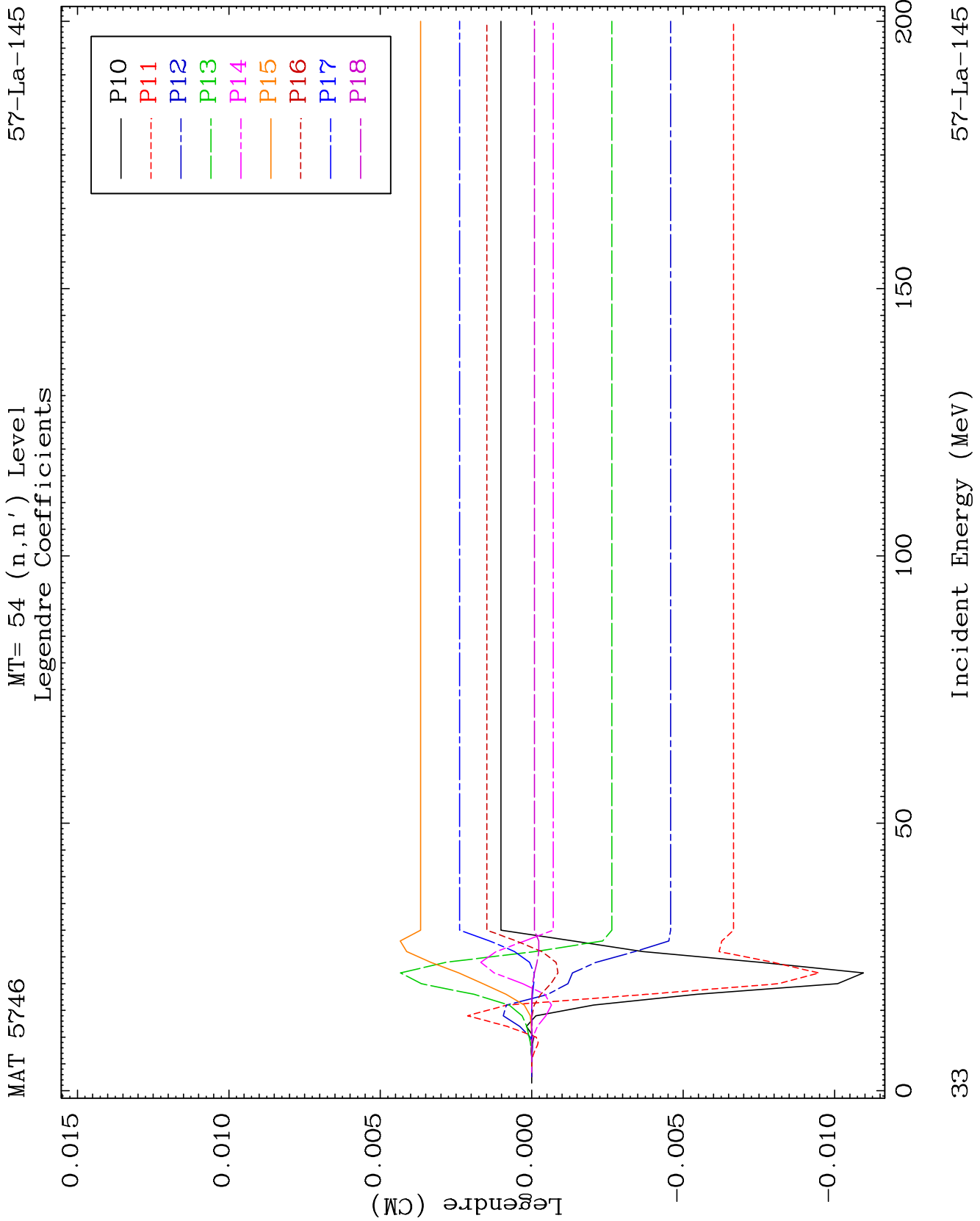
57-La-145

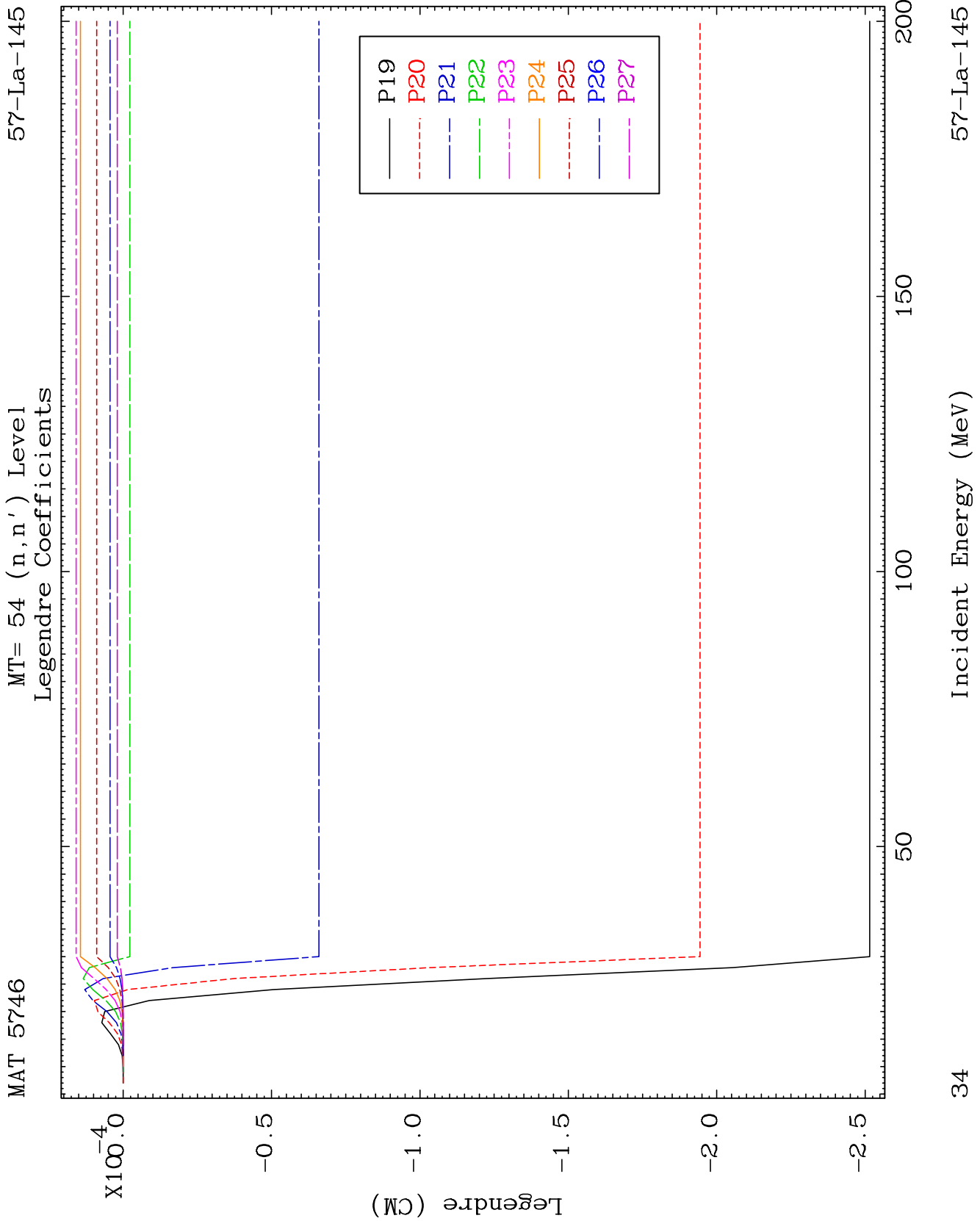


57-La-145

Incident Energy (MeV)

32

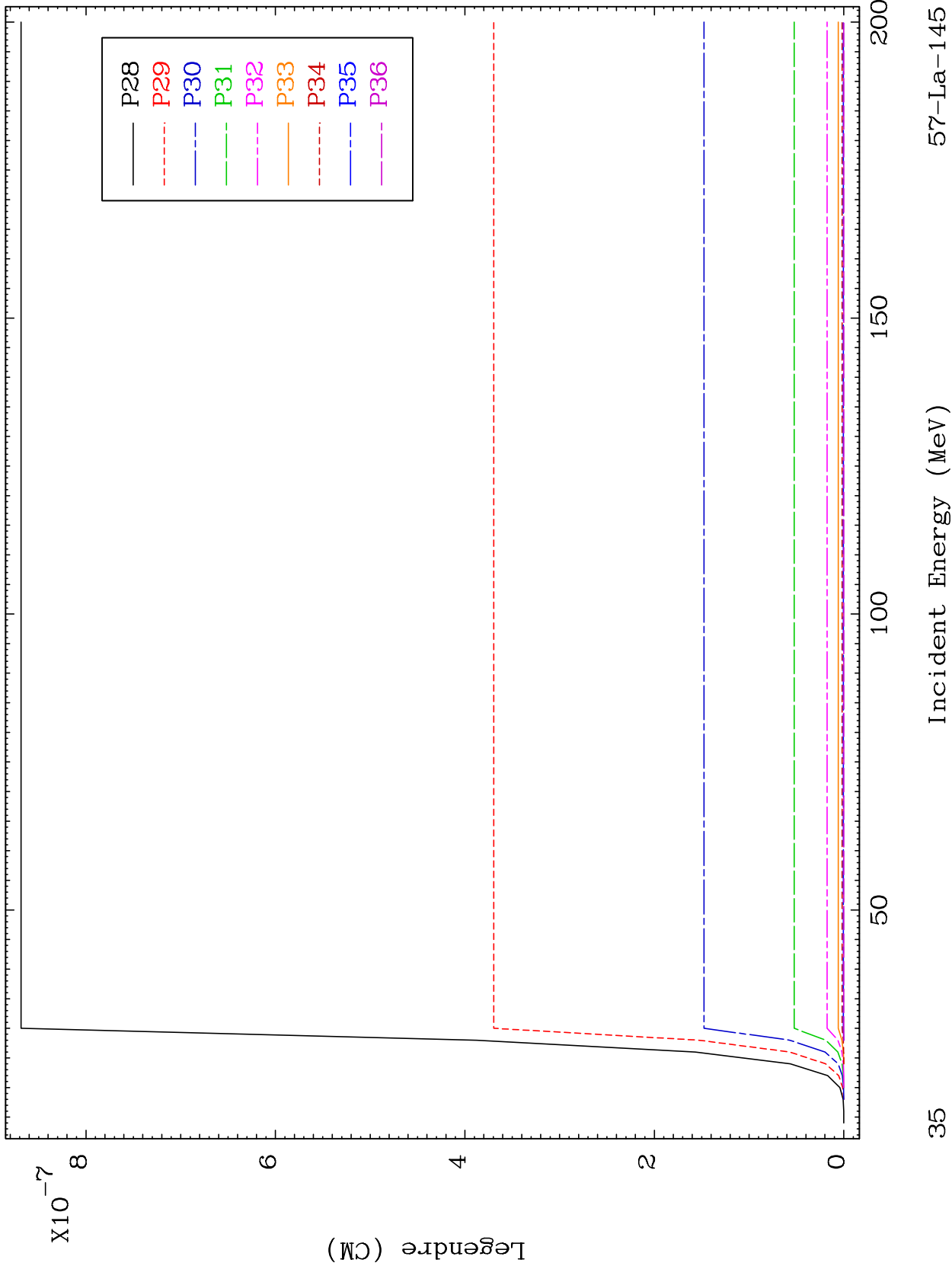




MAT 5746

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

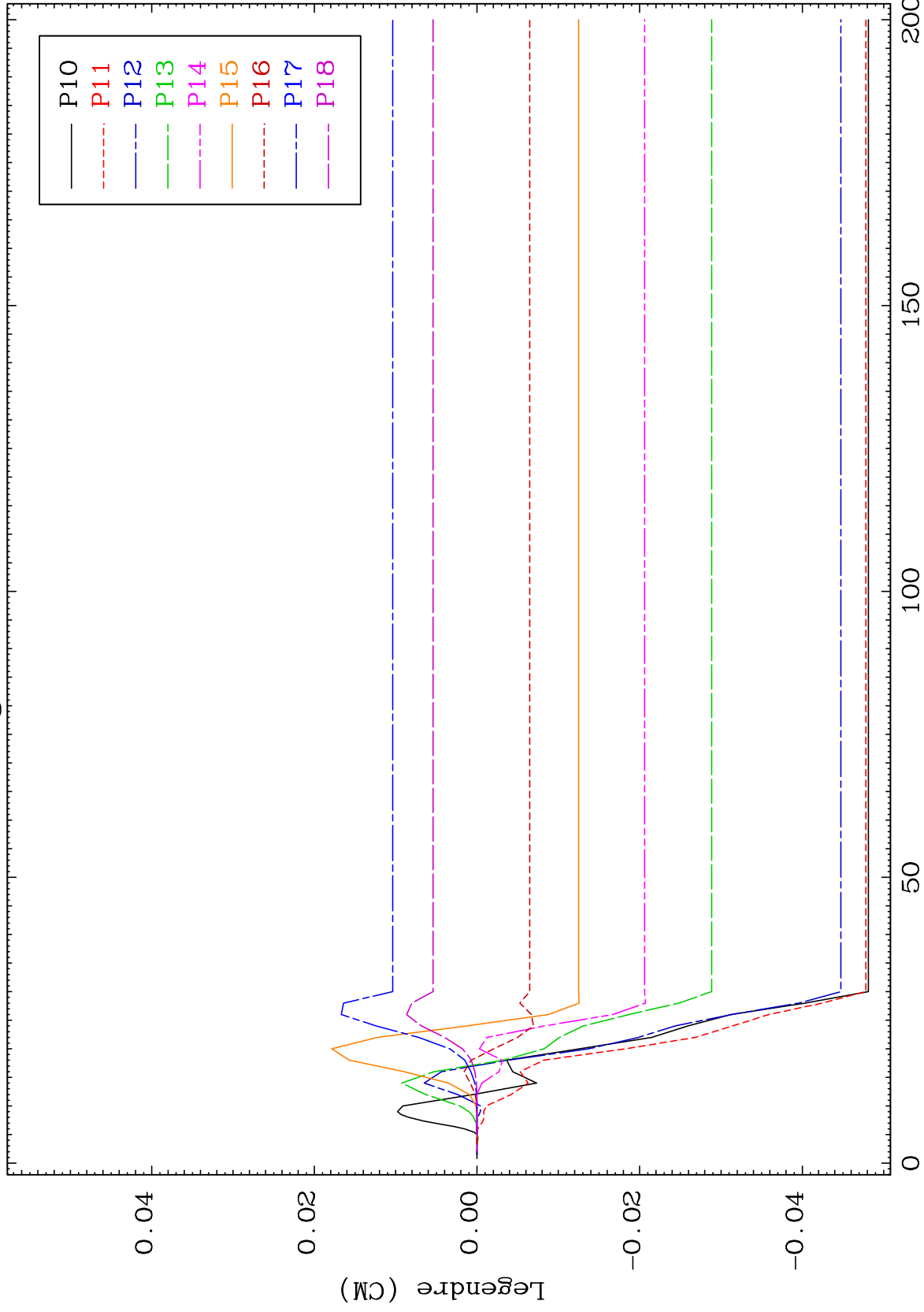
57-La-145



MAT 5746

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

57-La-145



37

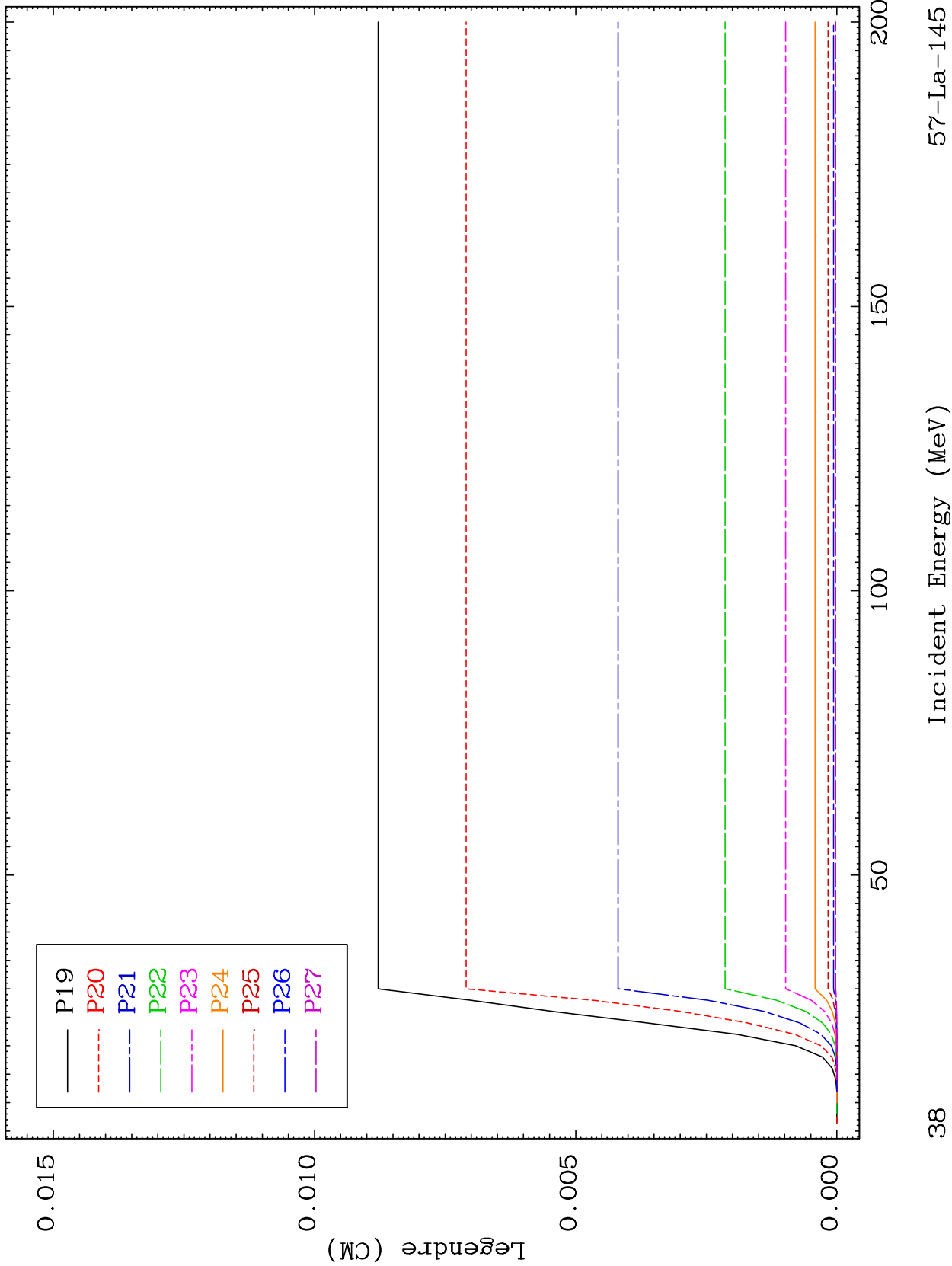
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



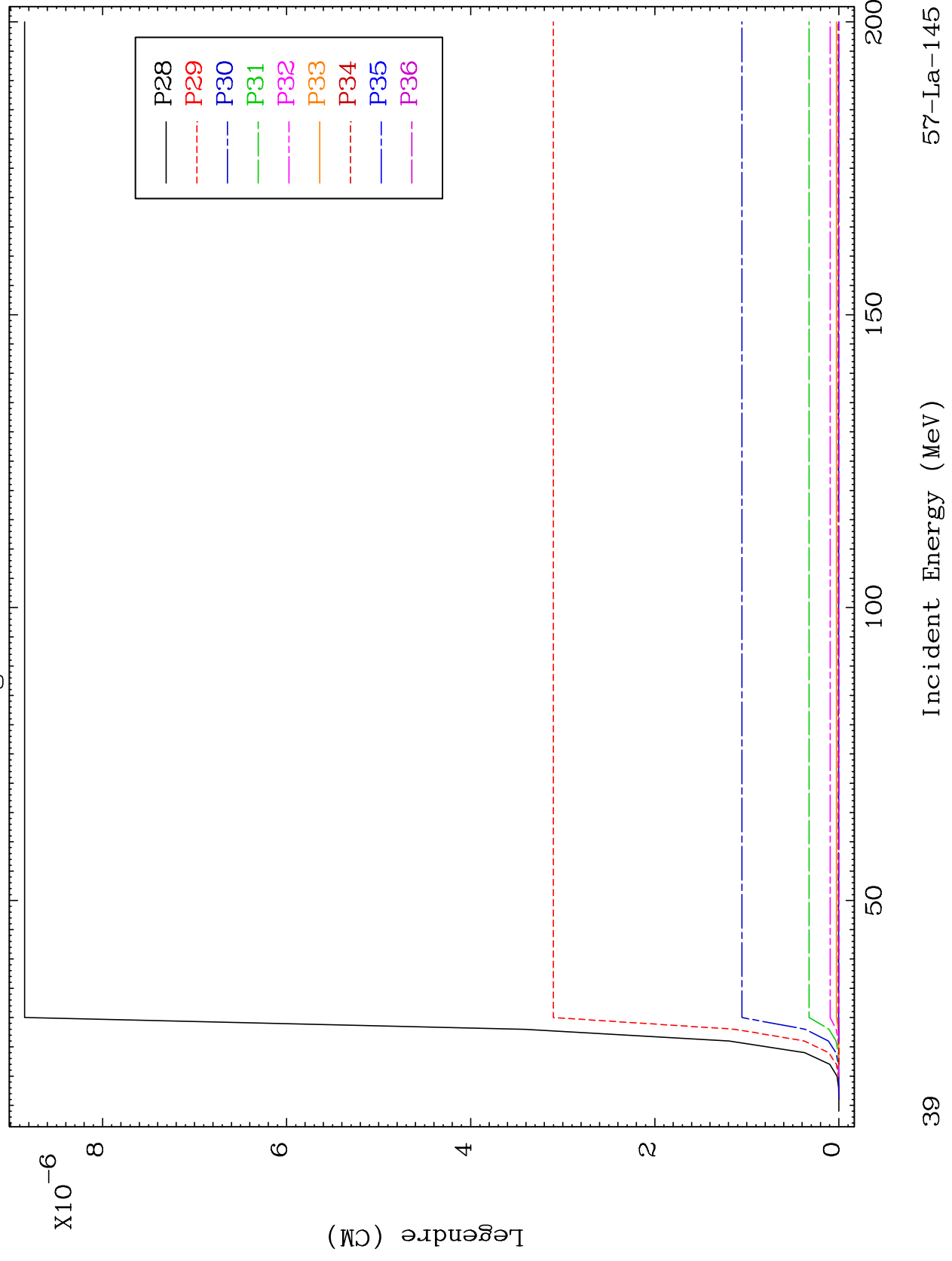
38

200

MAT 5746

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

57-La-145



39

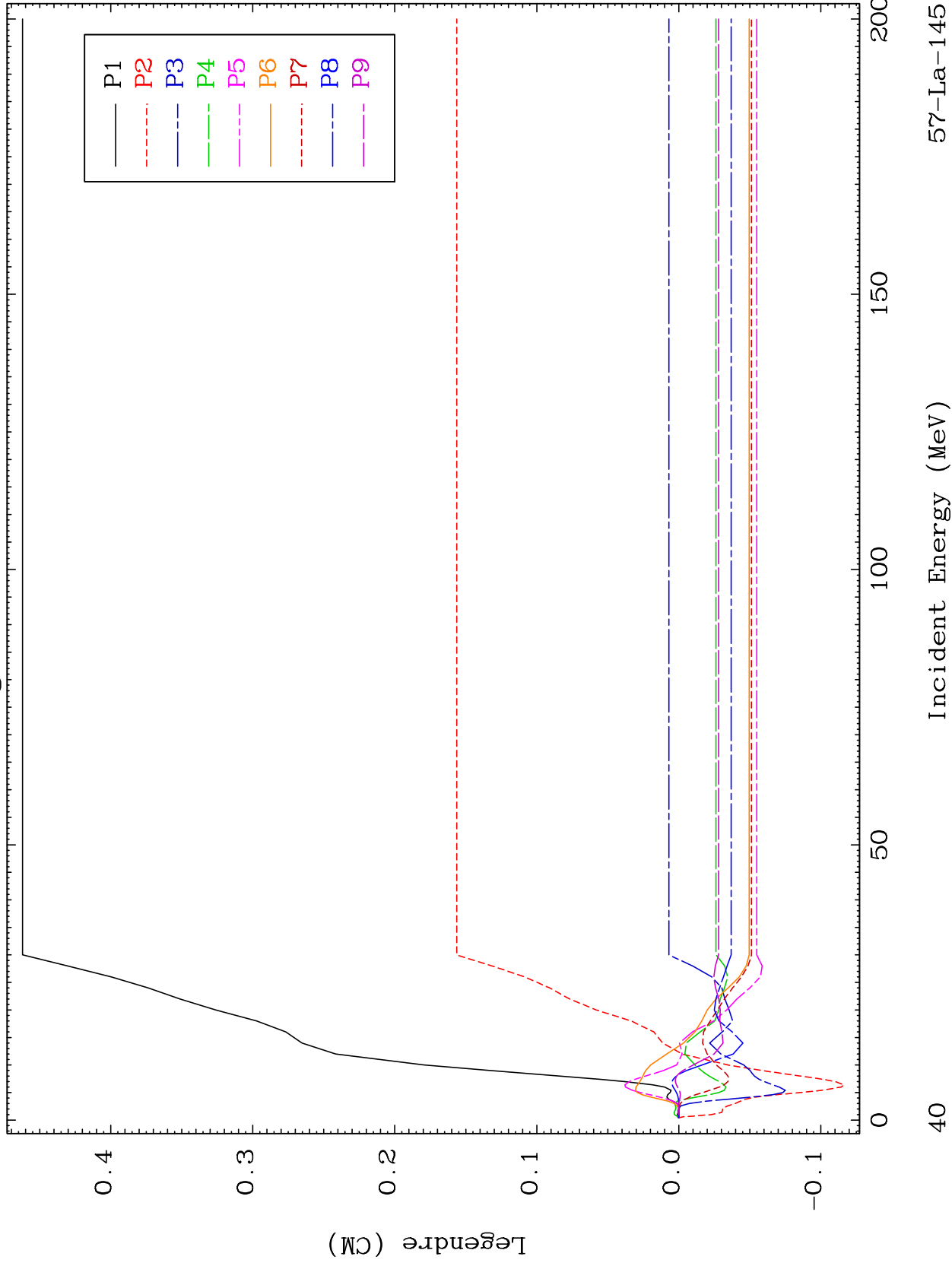
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



57-La-145

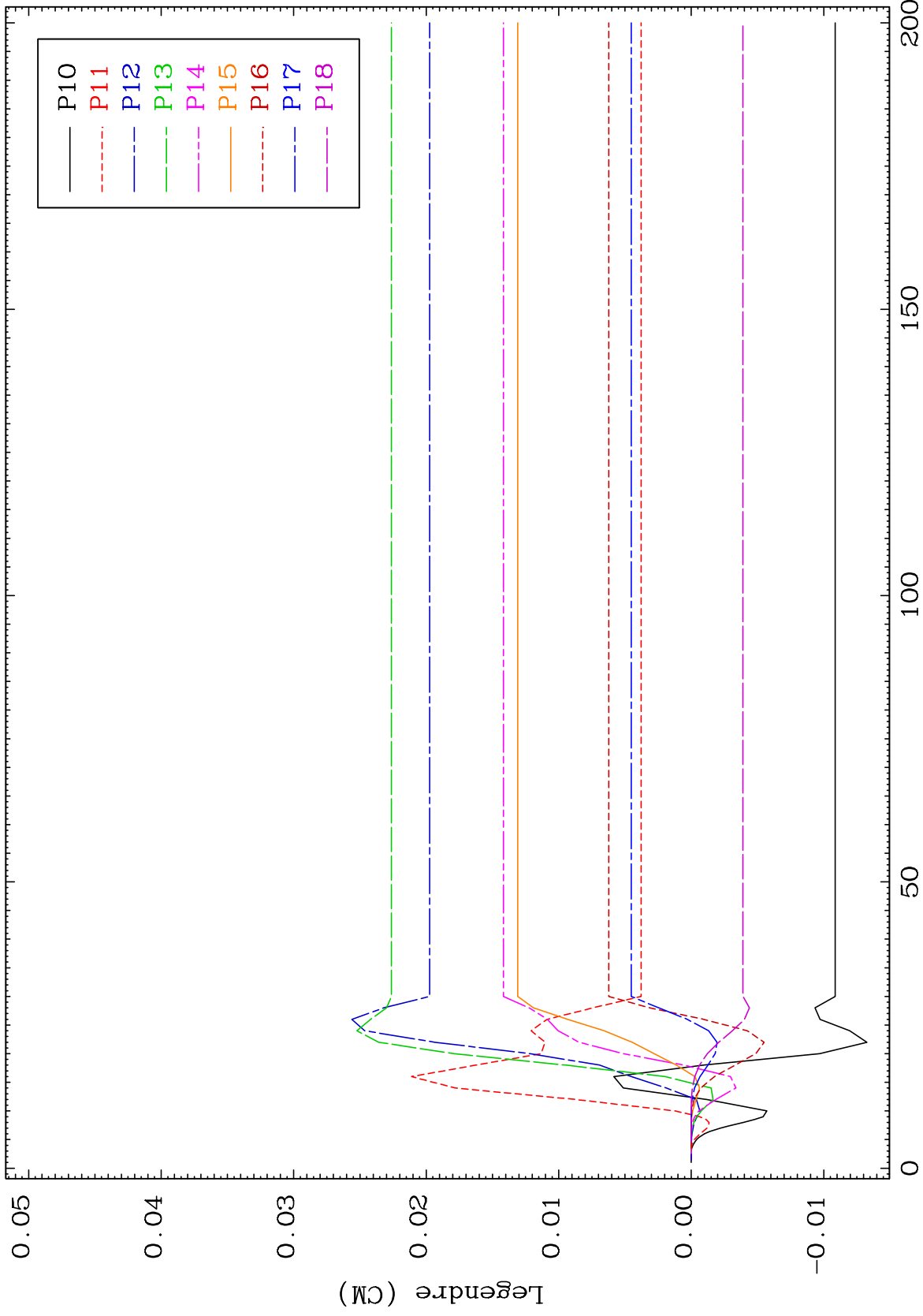
Incident Energy (MeV)

40

MAT 5746

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

57-La-145



41

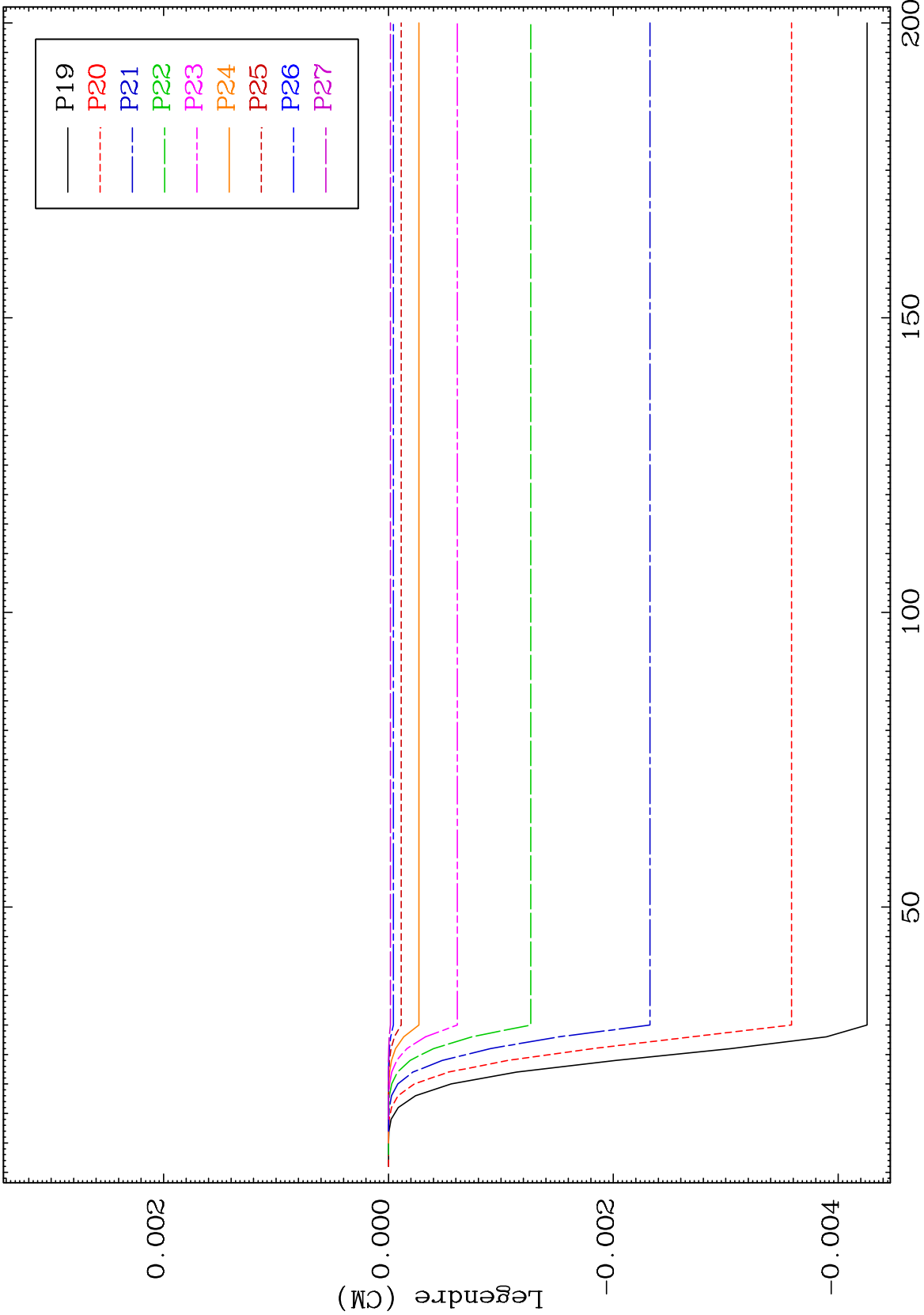
Incident Energy (MeV)

57-La-145

MAT 5746

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

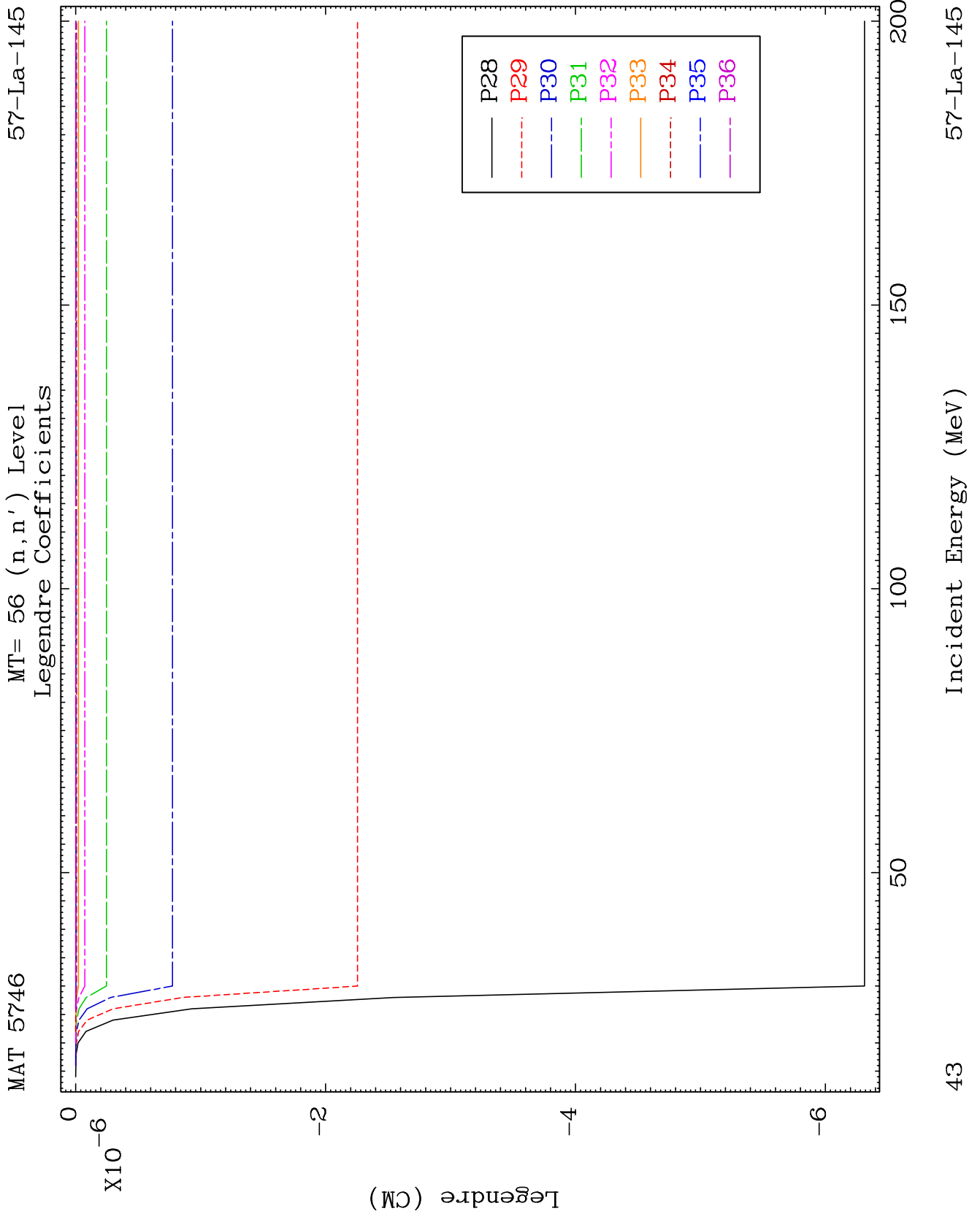
57-La-145



42

Incident Energy (MeV)

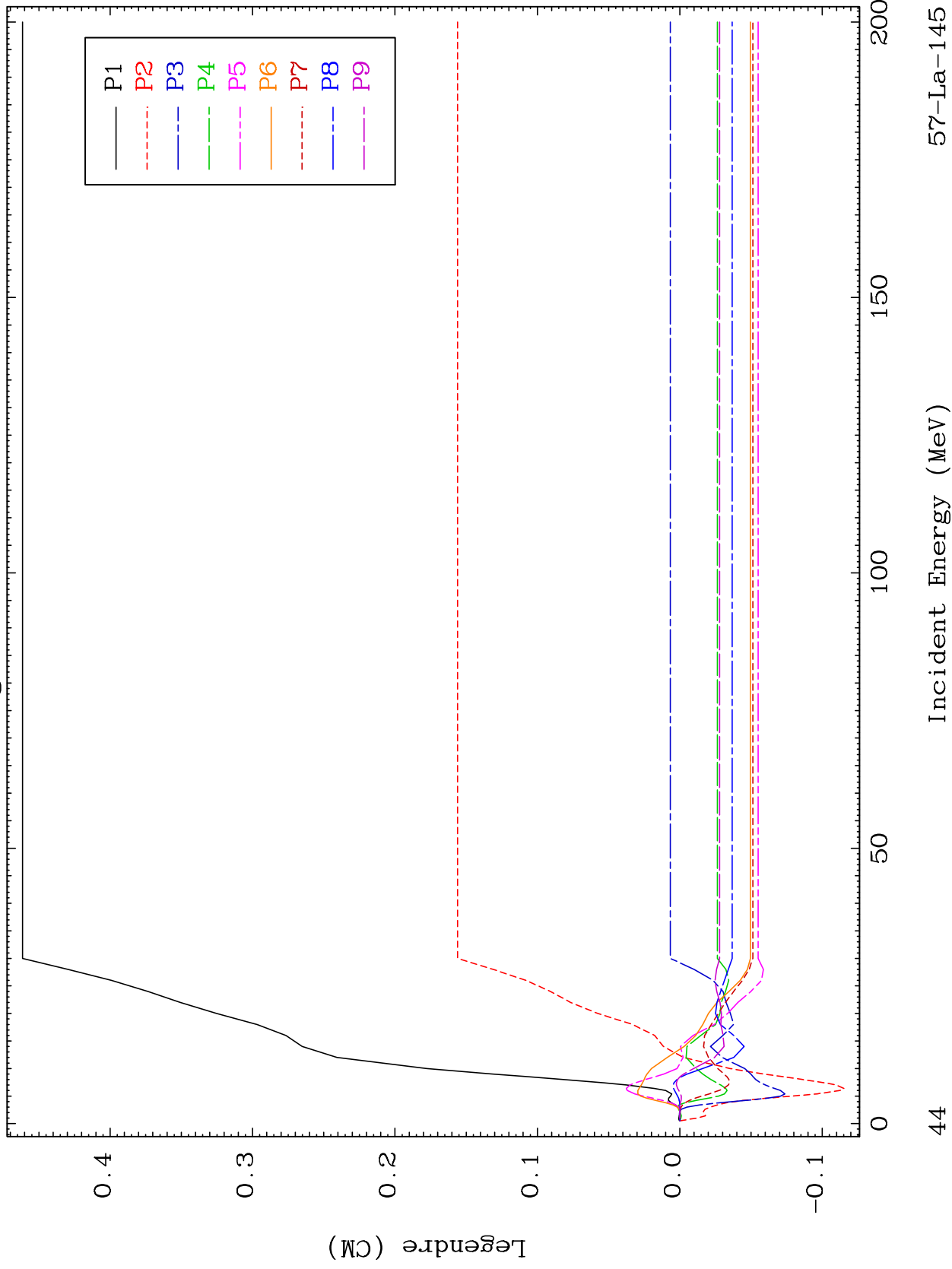
57-La-145



MAT 5746

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

57-La-145



57-La-145

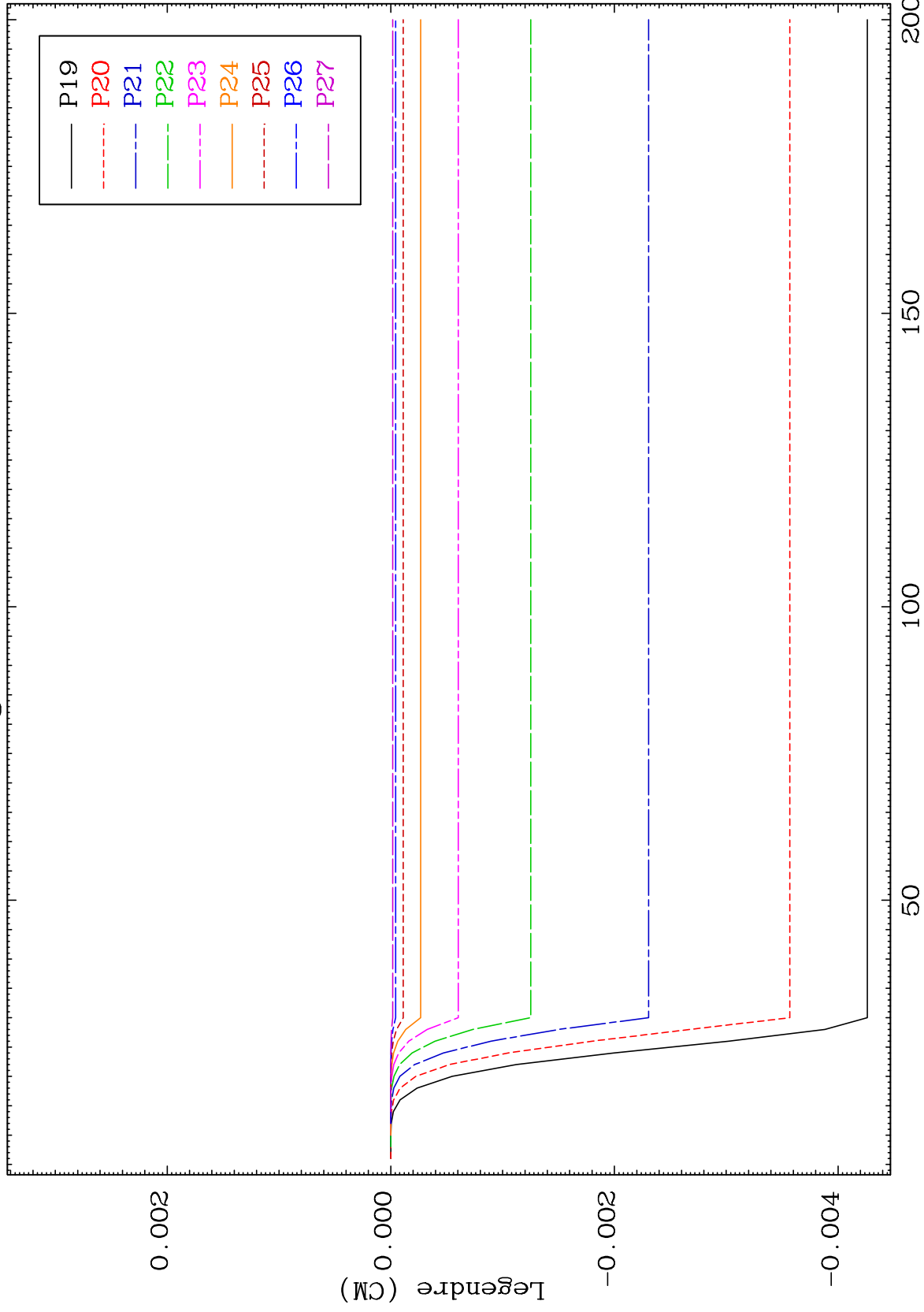
Incident Energy (MeV)

44

MAT 5746

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

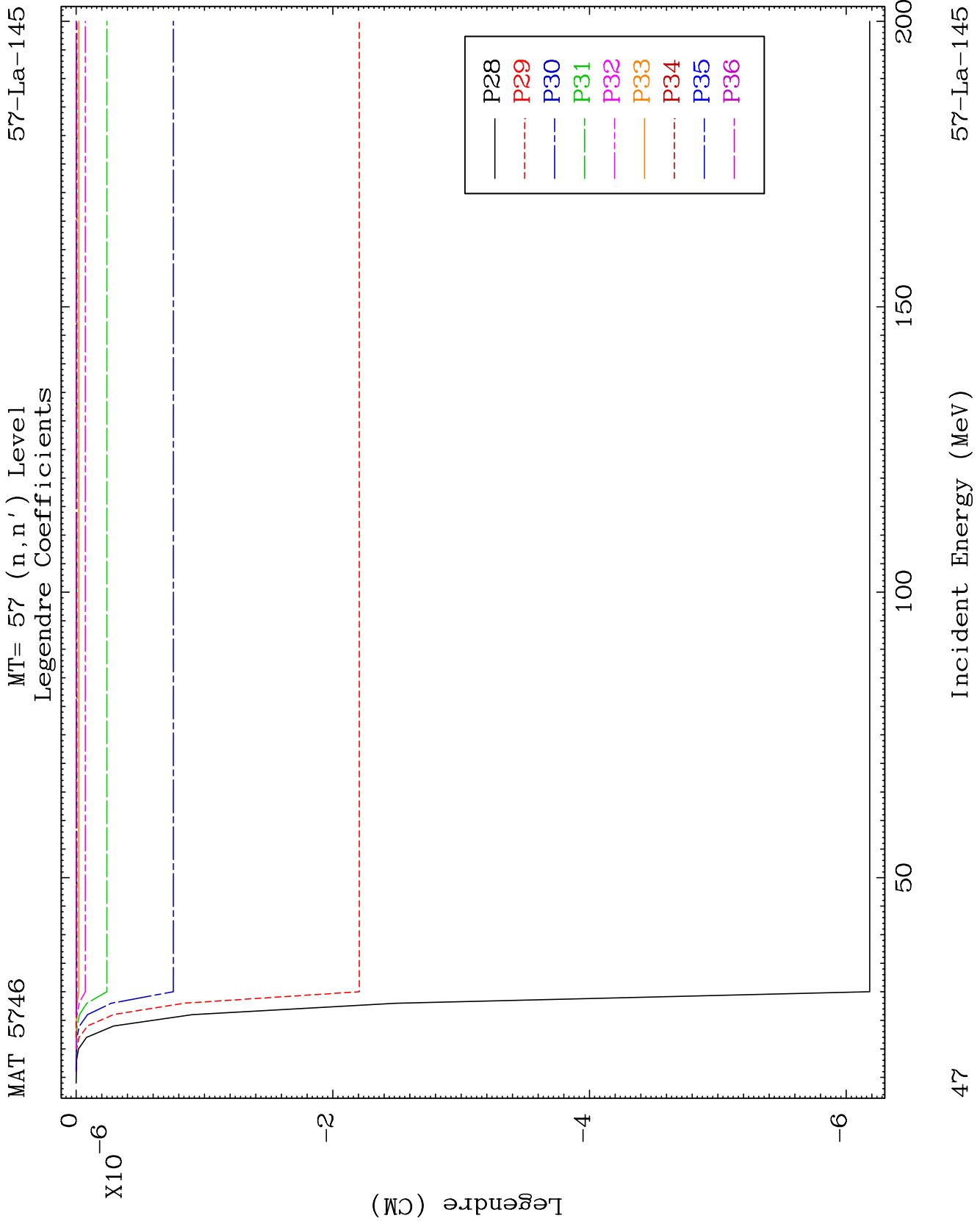
57-La-145



46

Incident Energy (MeV)

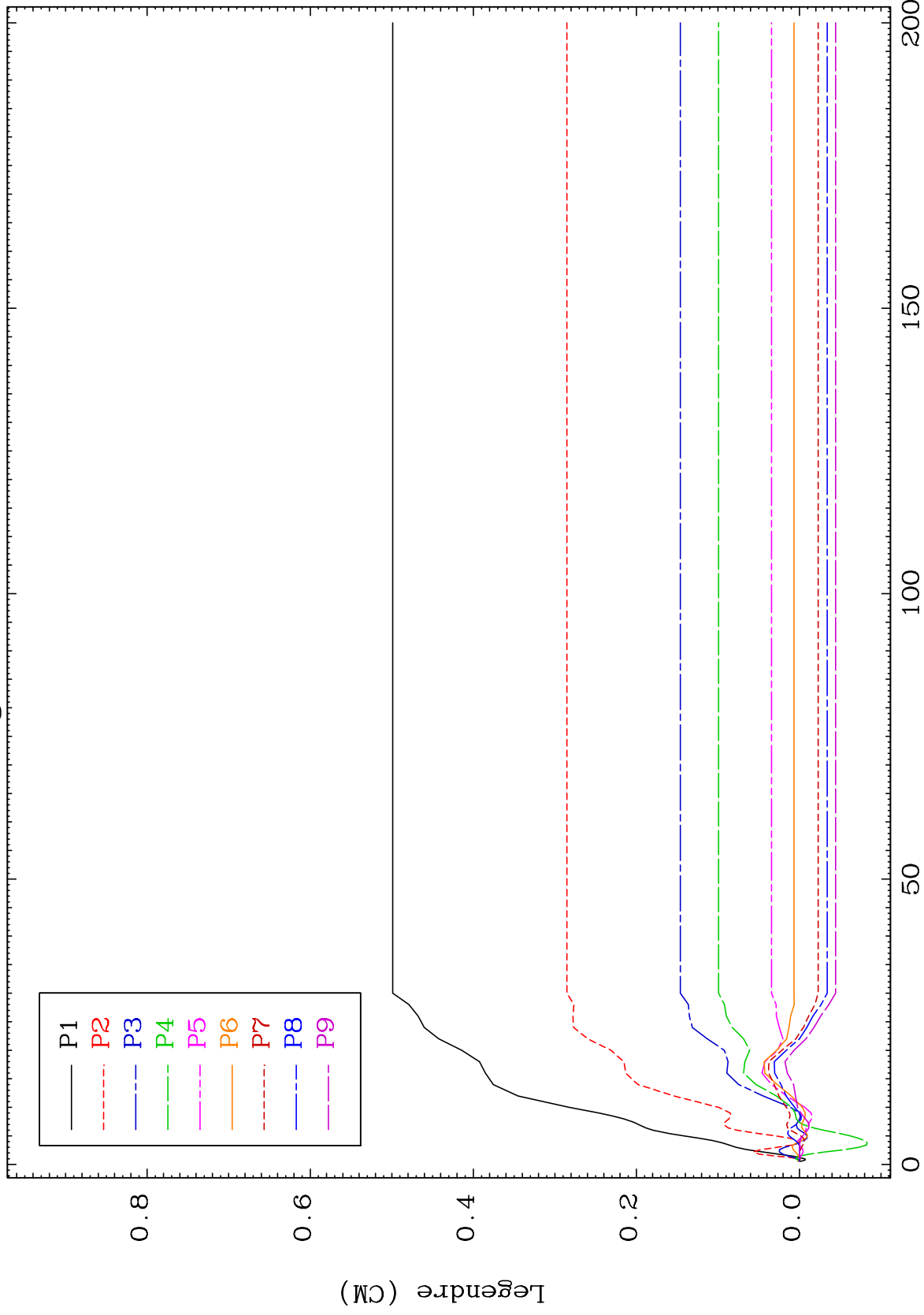
57-La-145



MAT 5746

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

57-La-145



57-La-145

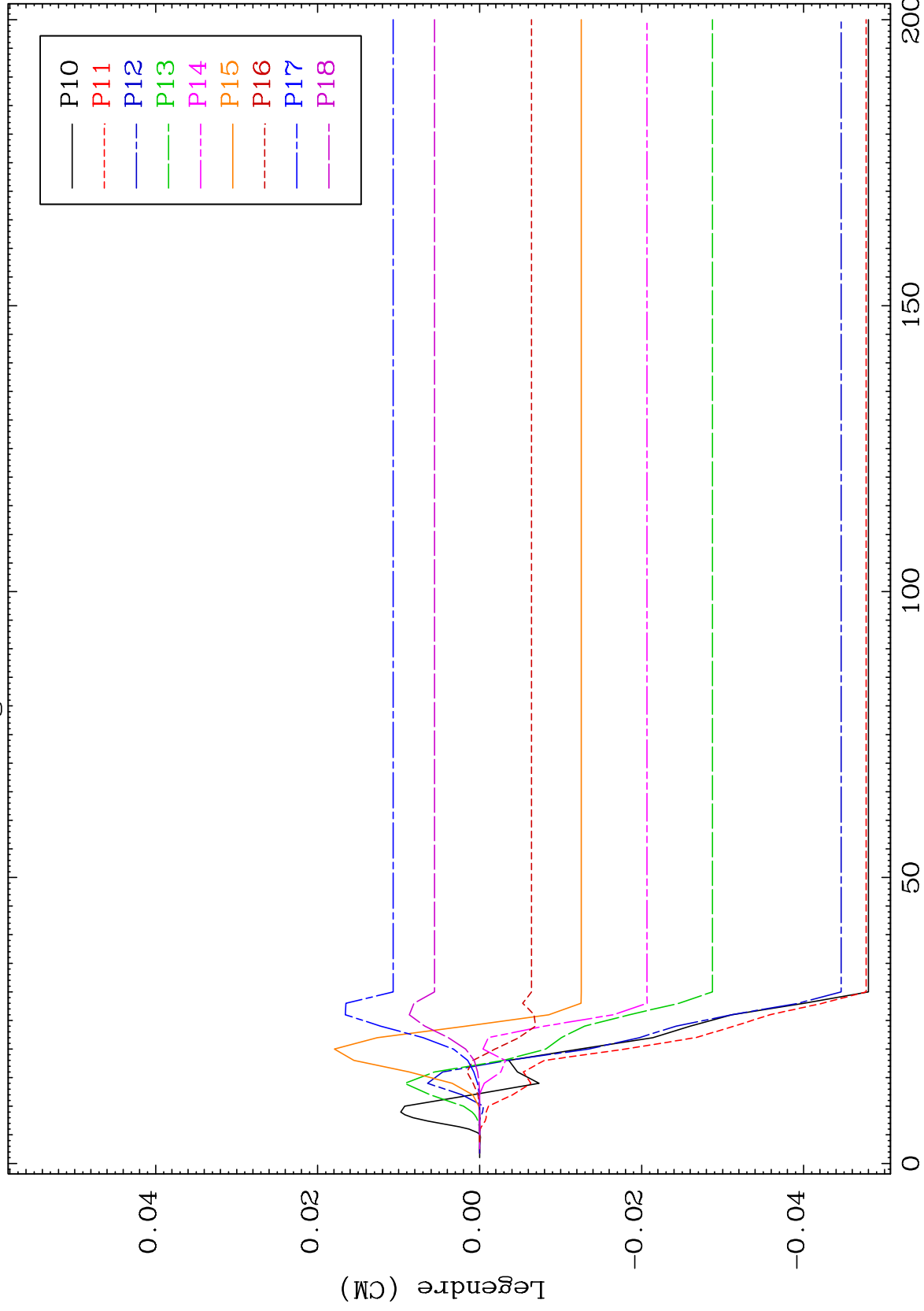
Incident Energy (MeV)

48

MAT 5746

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

57-La-145



49

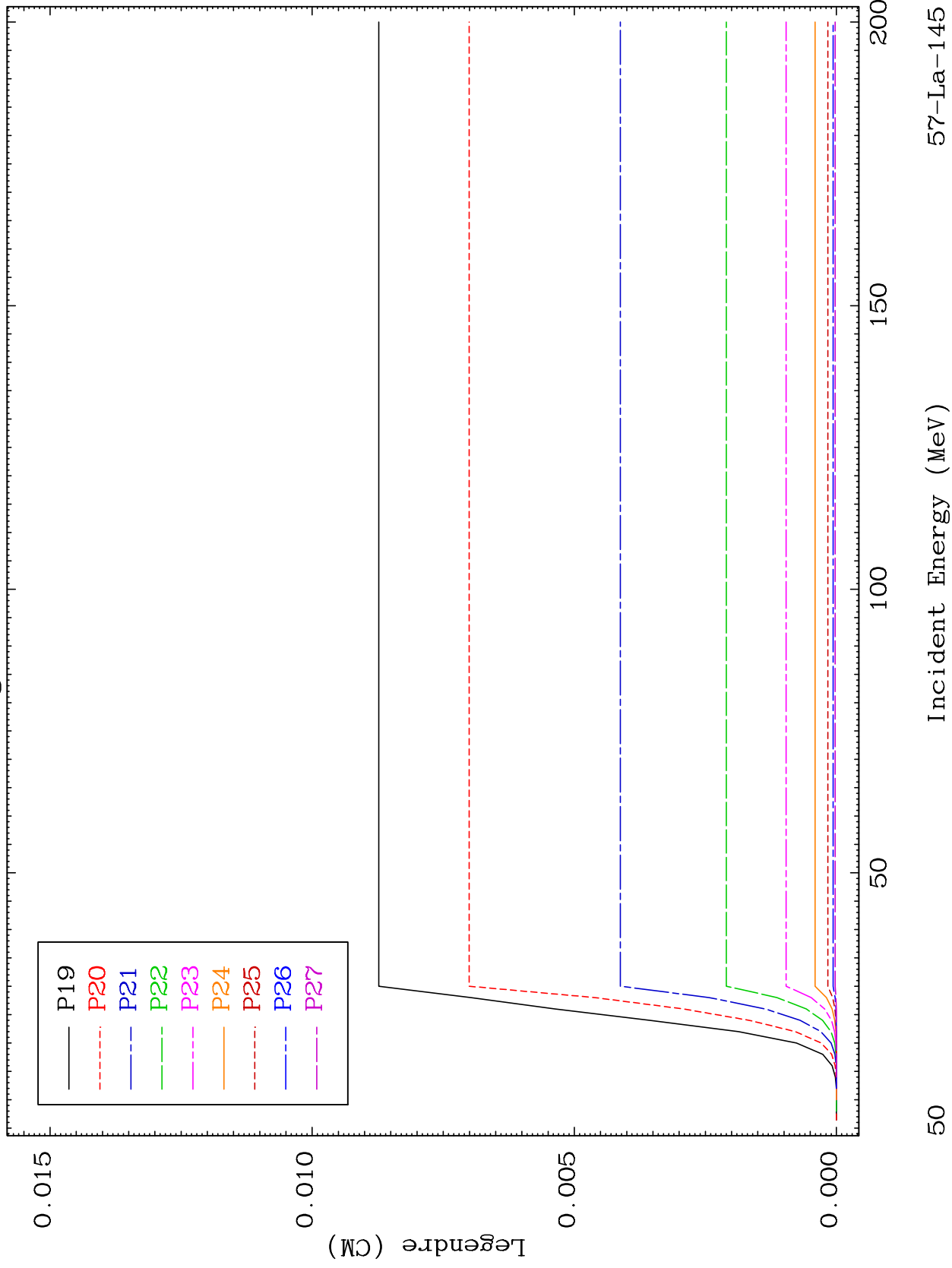
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



57-La-145

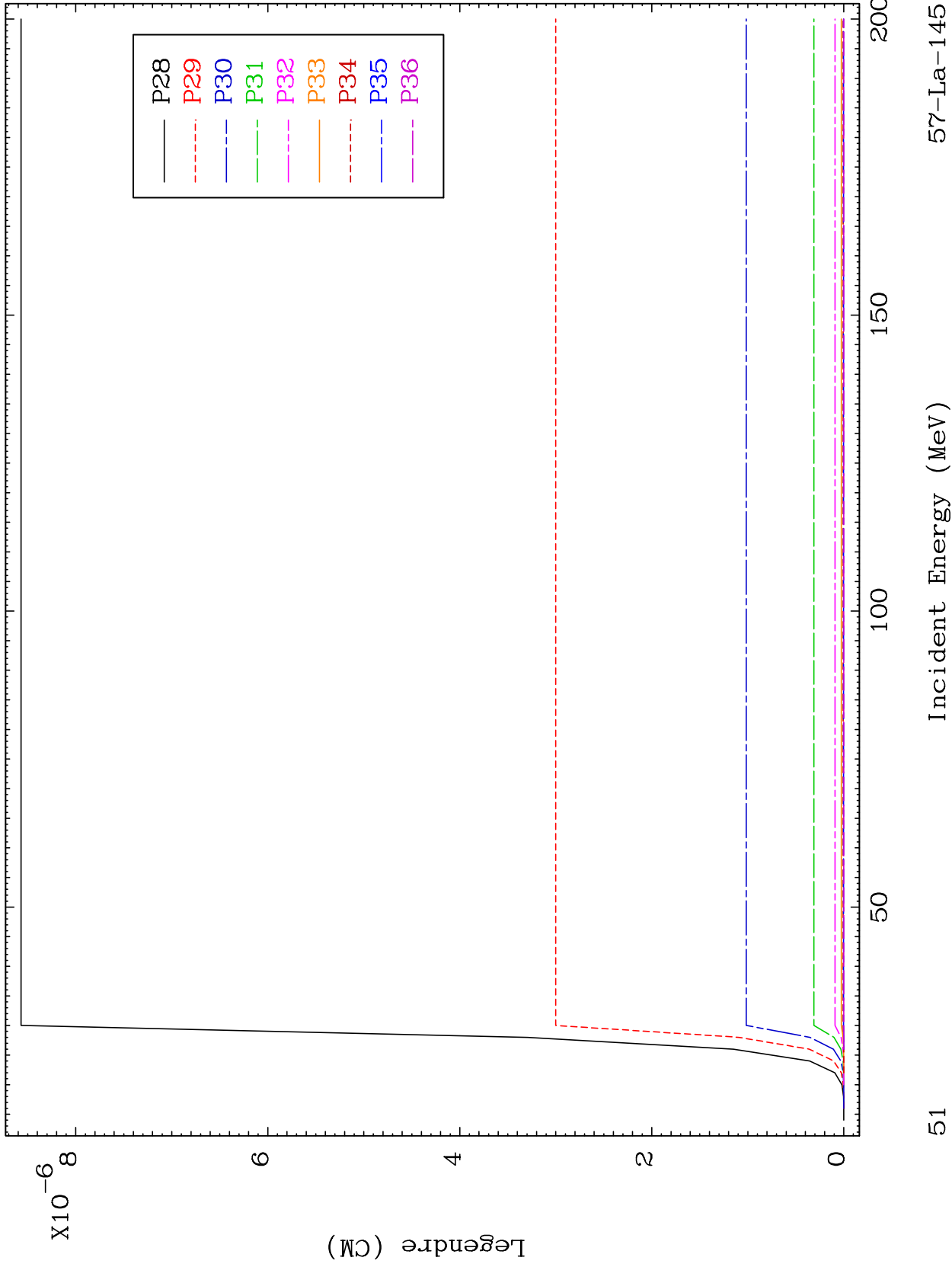
Incident Energy (MeV)

50

MAT 5746

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

57-La-145



51

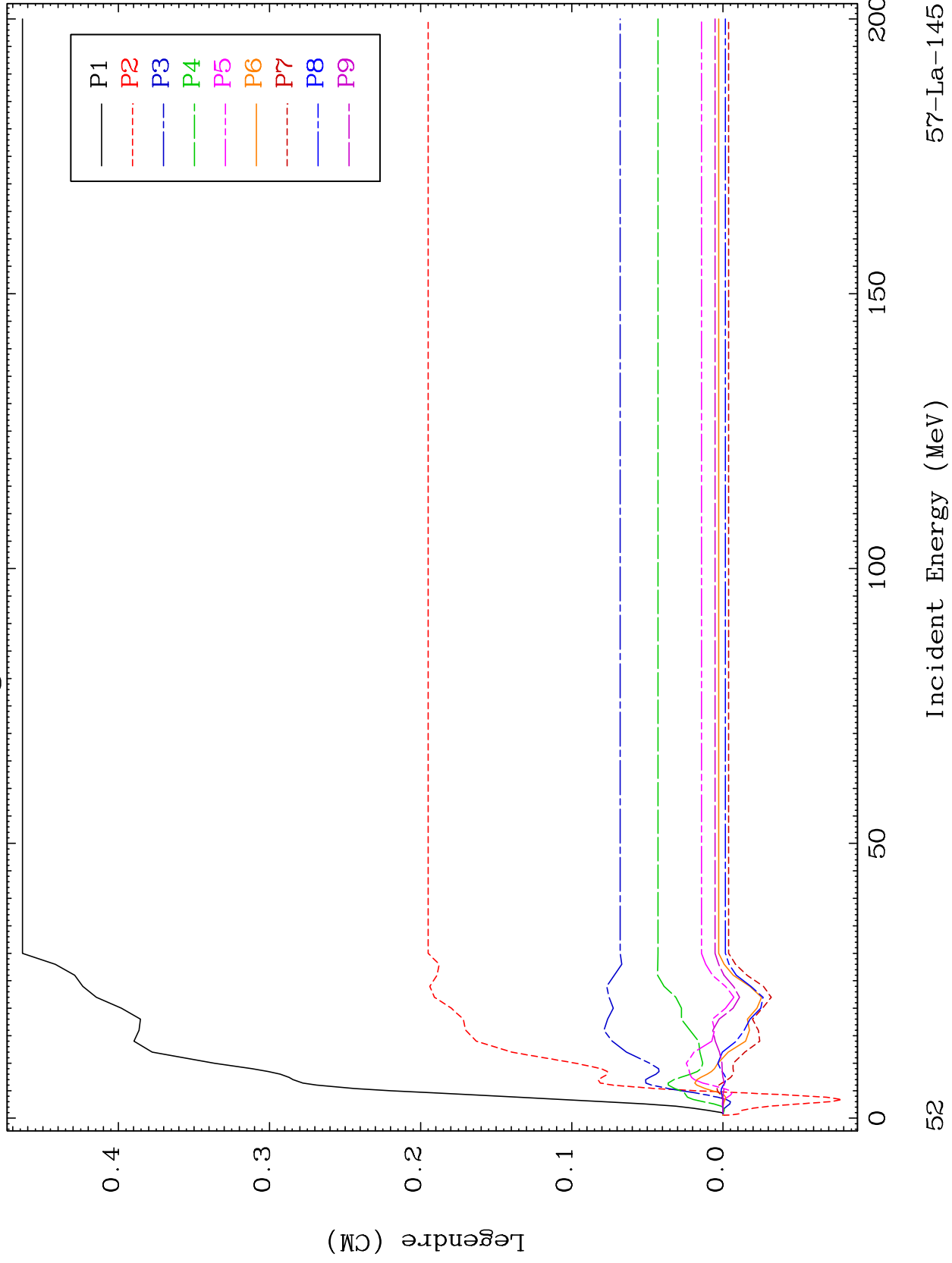
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



57-La-145

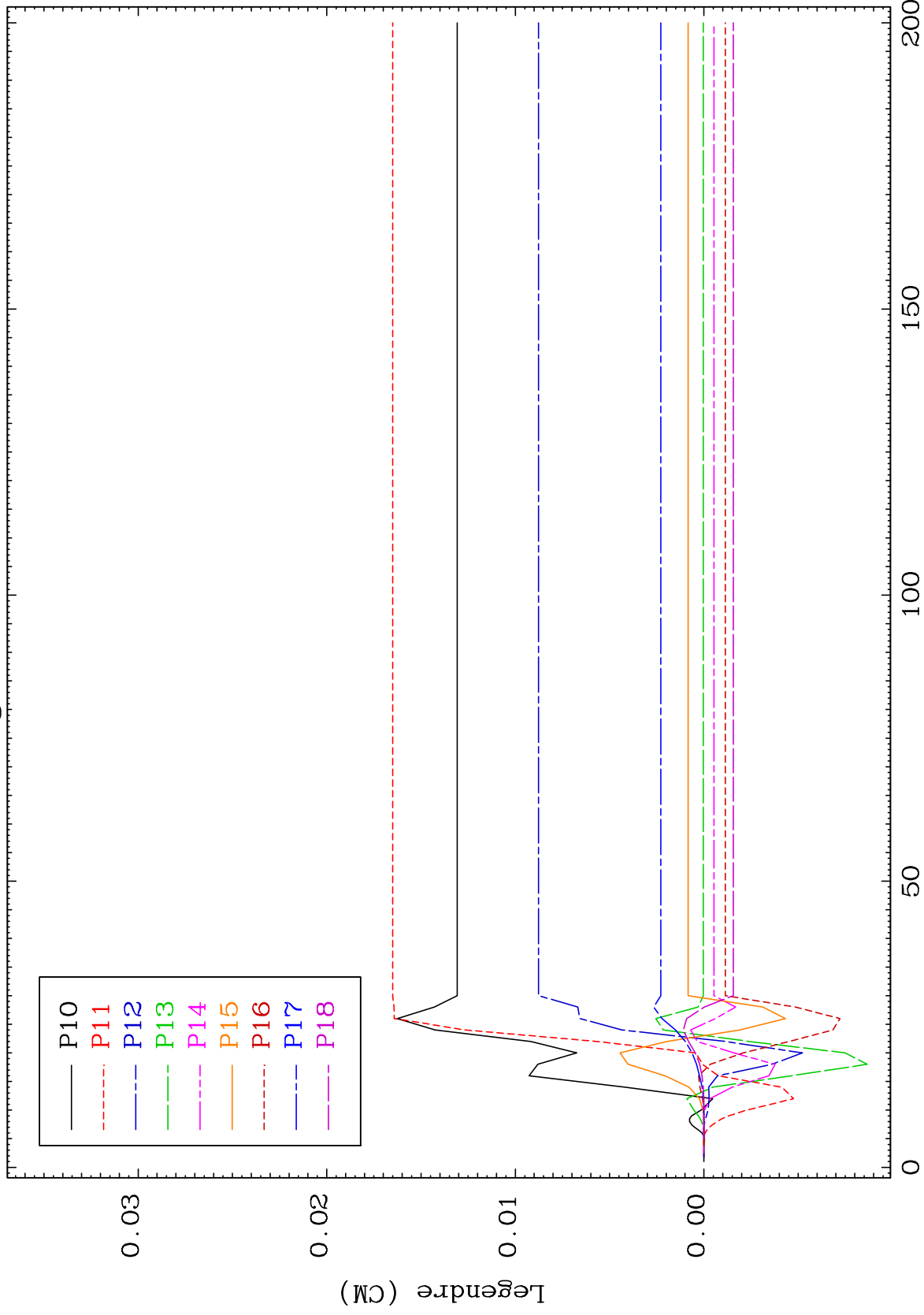
Incident Energy (MeV)

52

MAT 5746

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

57-La-145



53

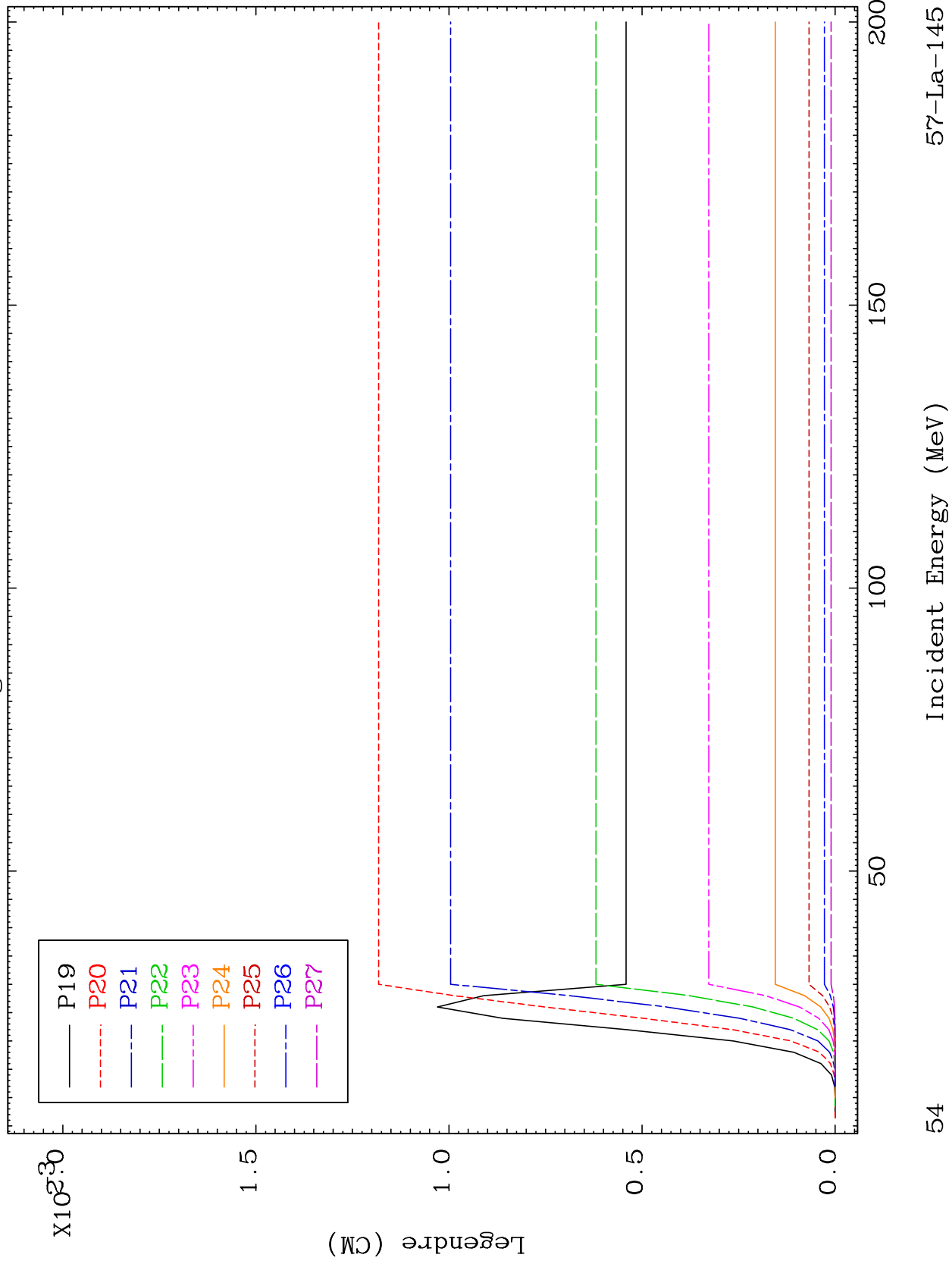
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



54

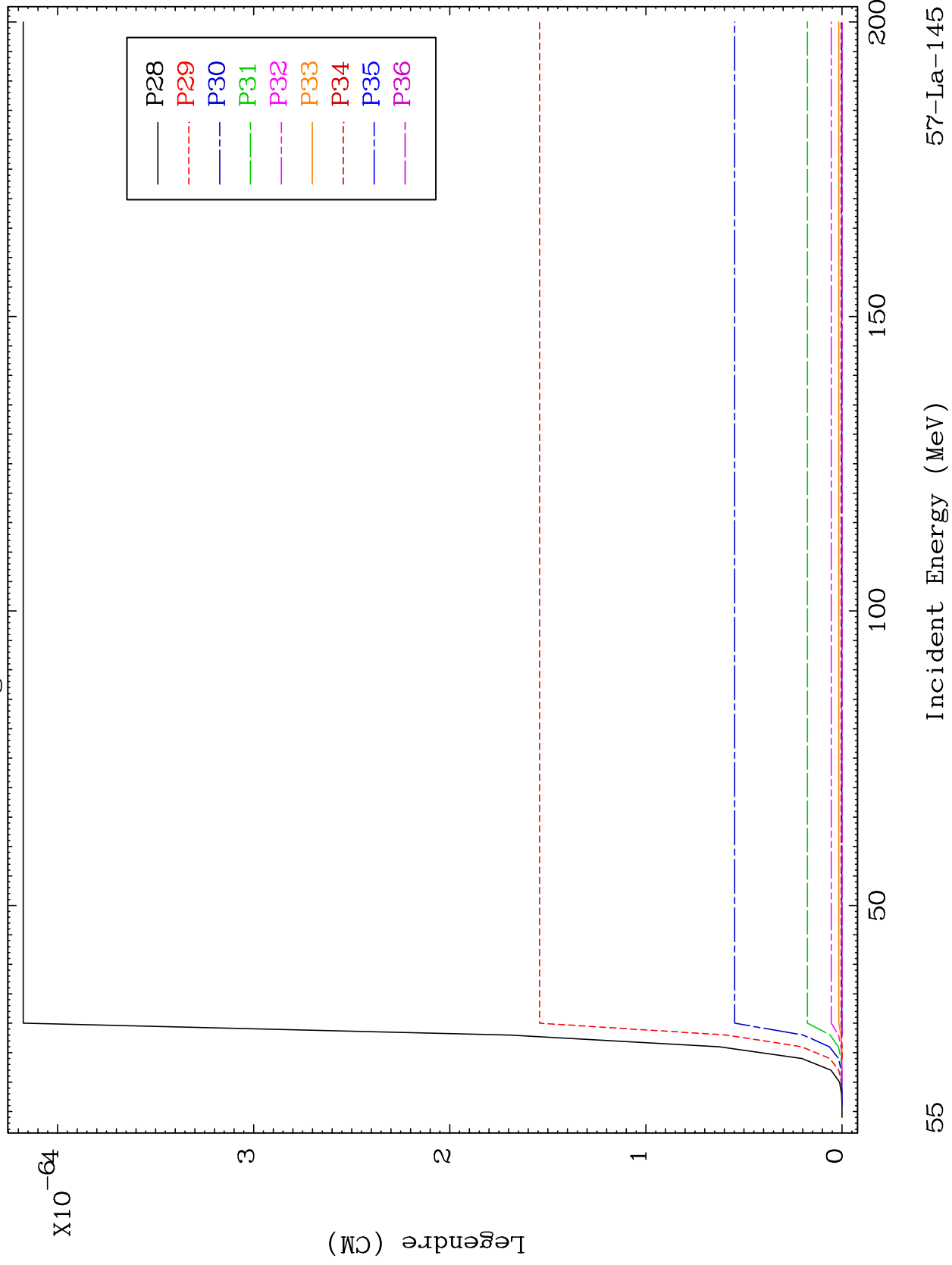
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



55

Incident Energy (MeV)

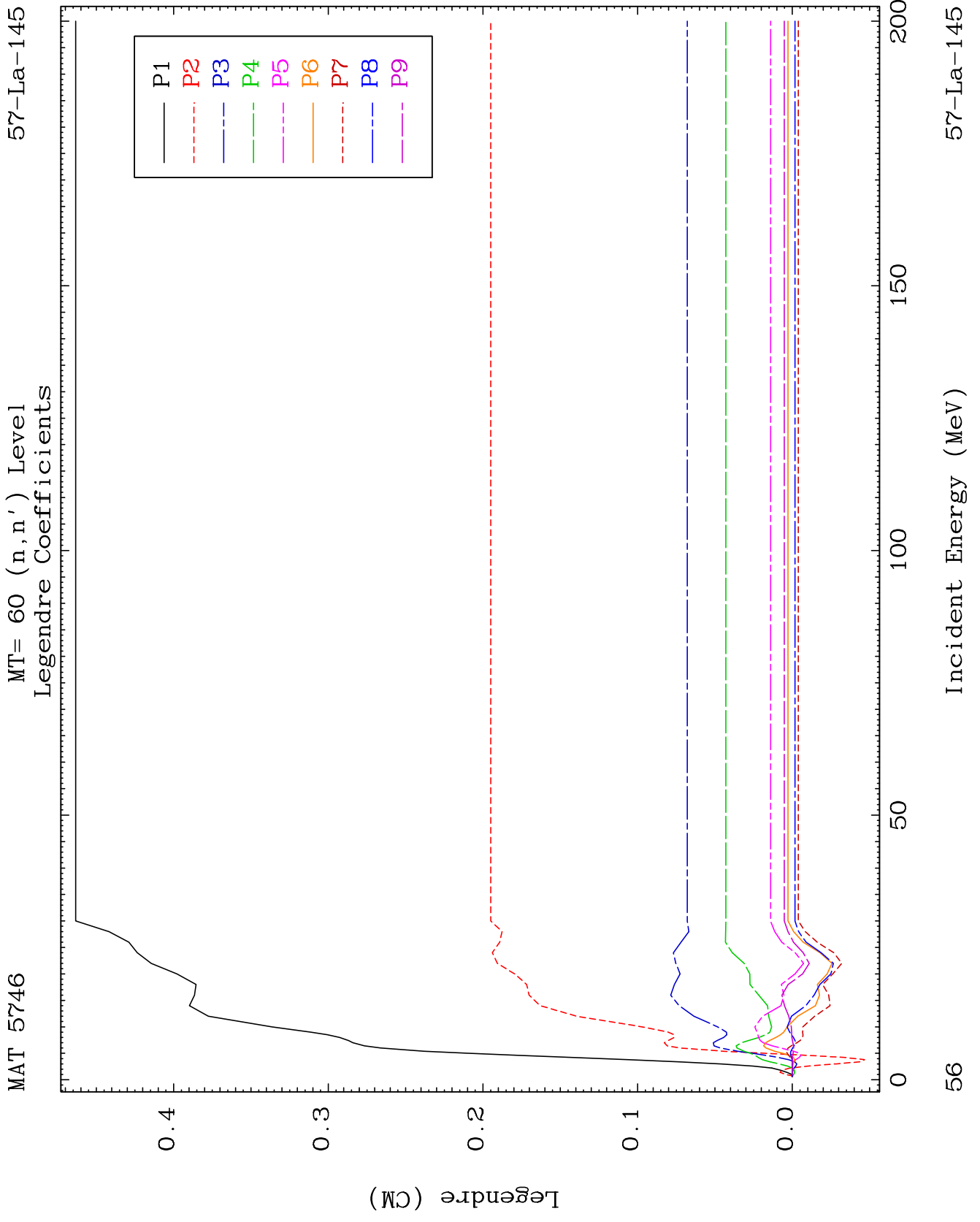
57-La-145

200

150

100

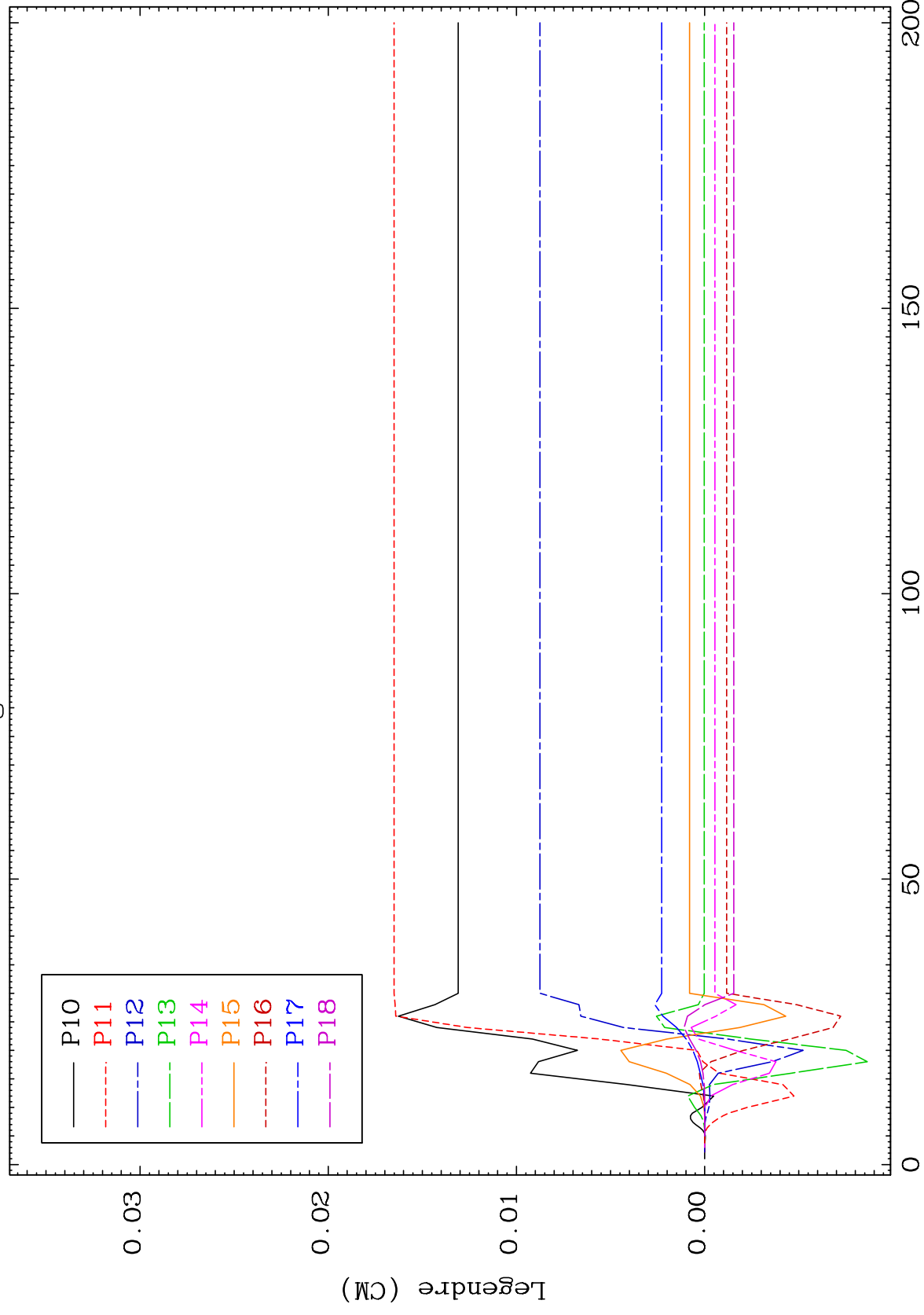
50



MAT 5746

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

57-La-145



57

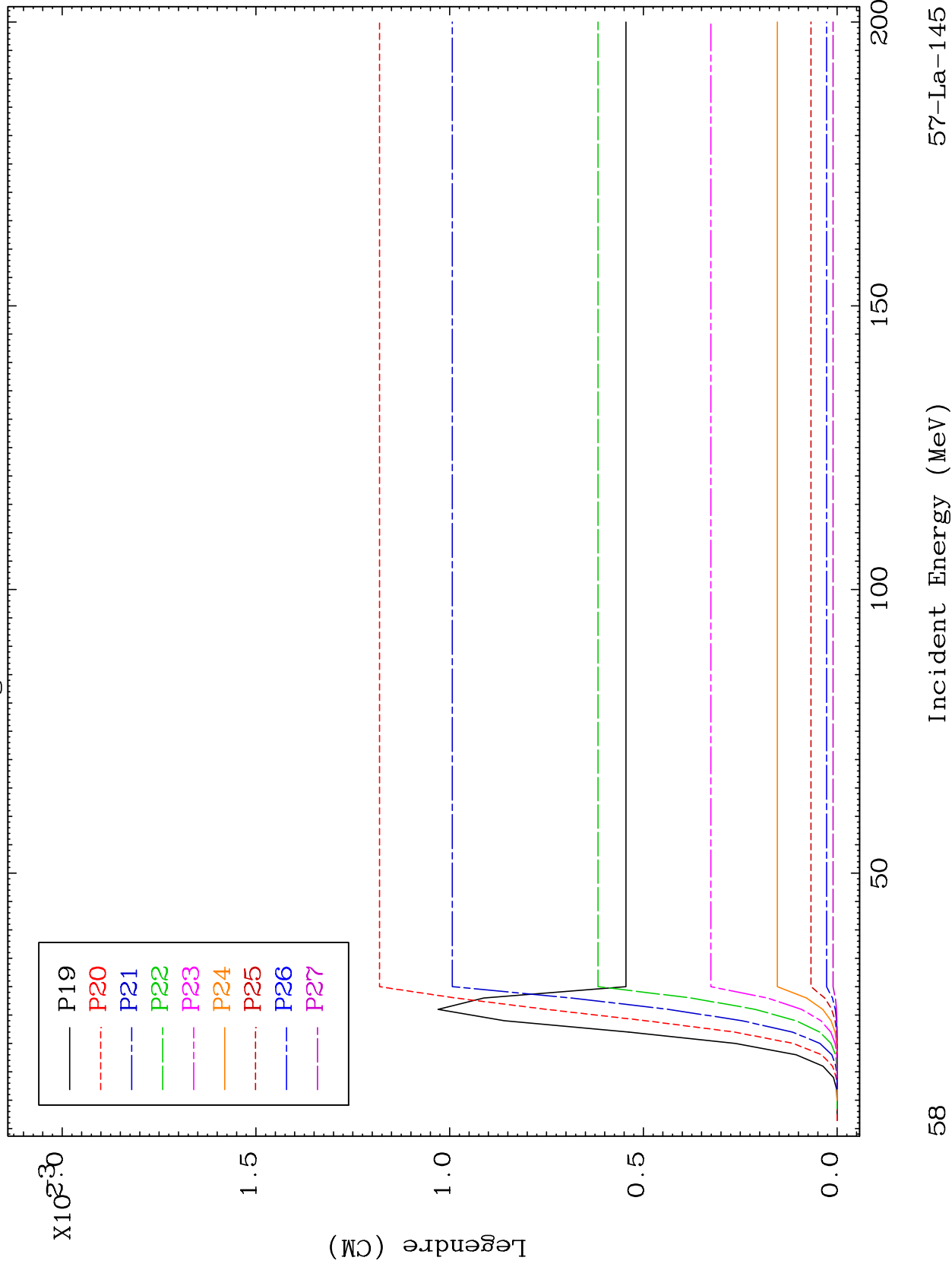
Incident Energy (MeV)

57-La-145

MAT 5746

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

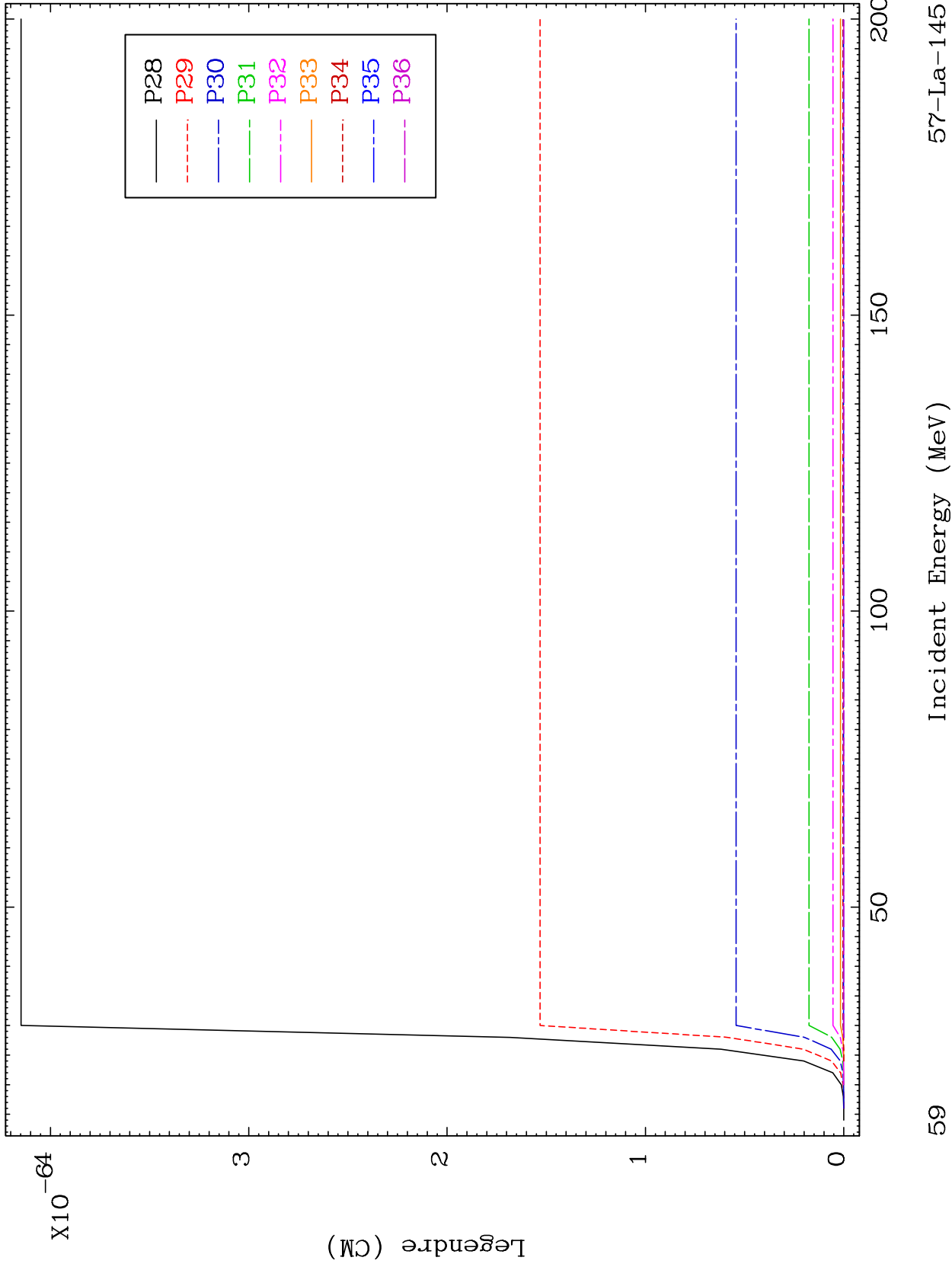
57-La-145



MAT 5746

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

57-La-145



59

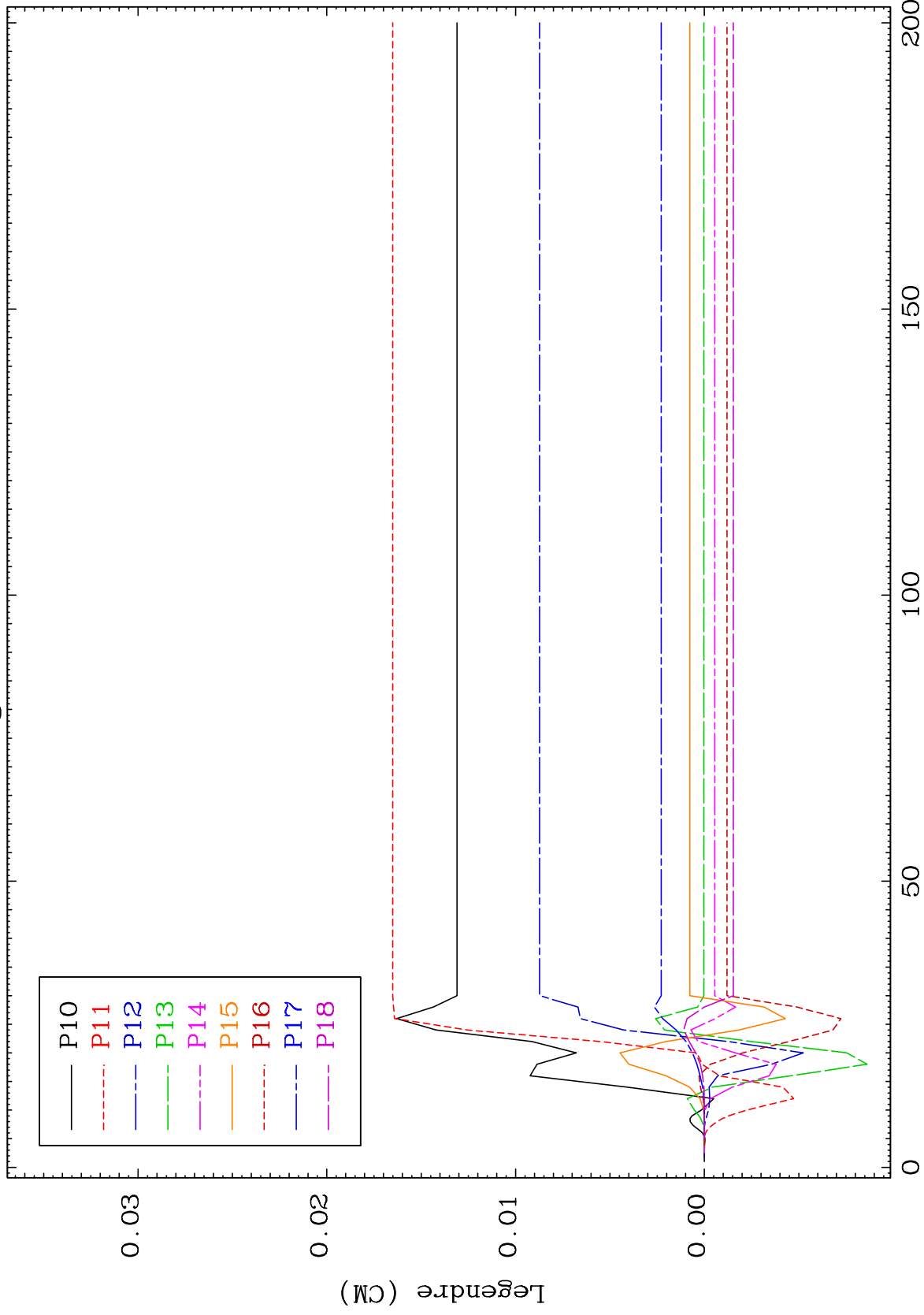
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



61

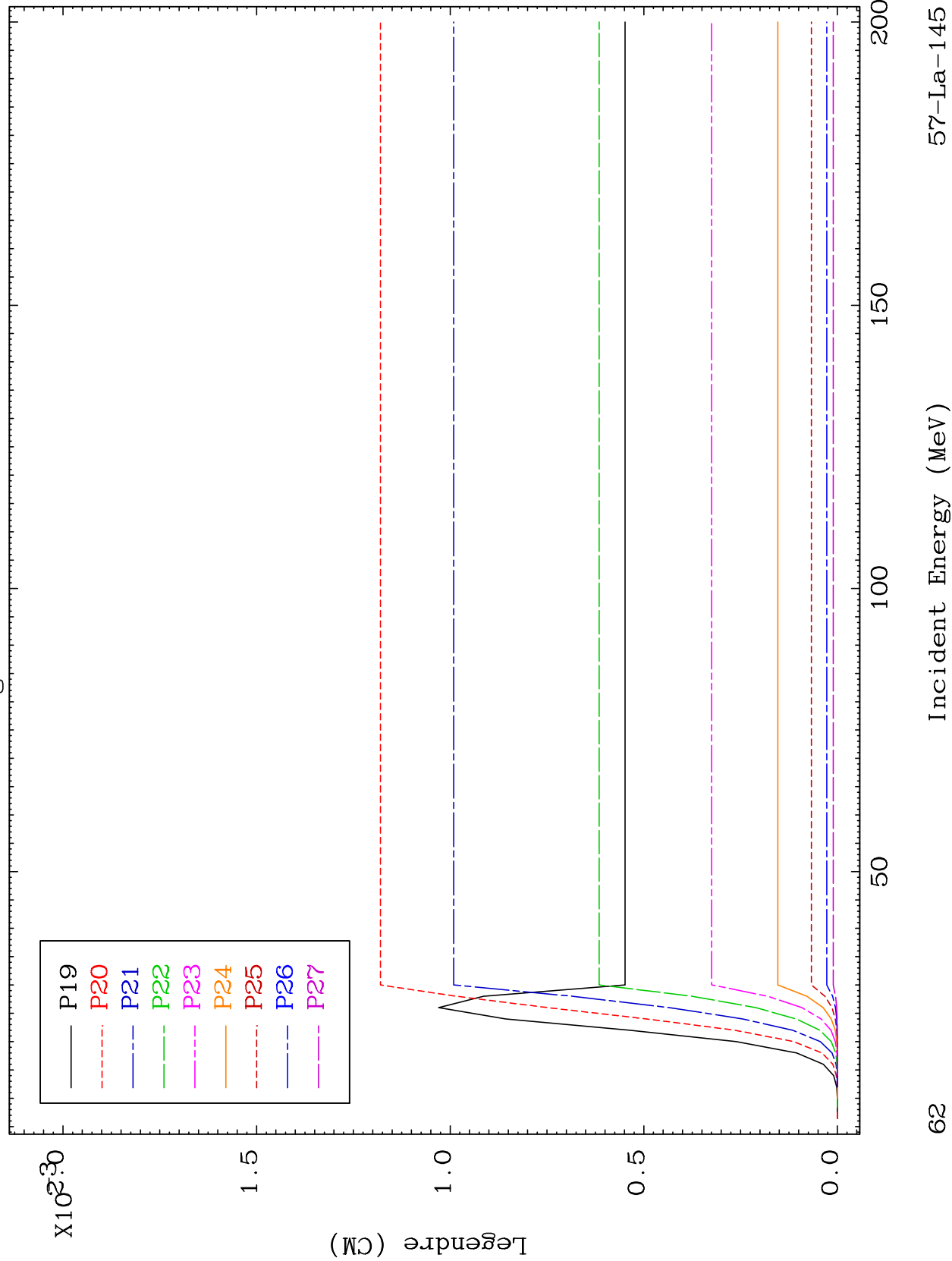
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



62

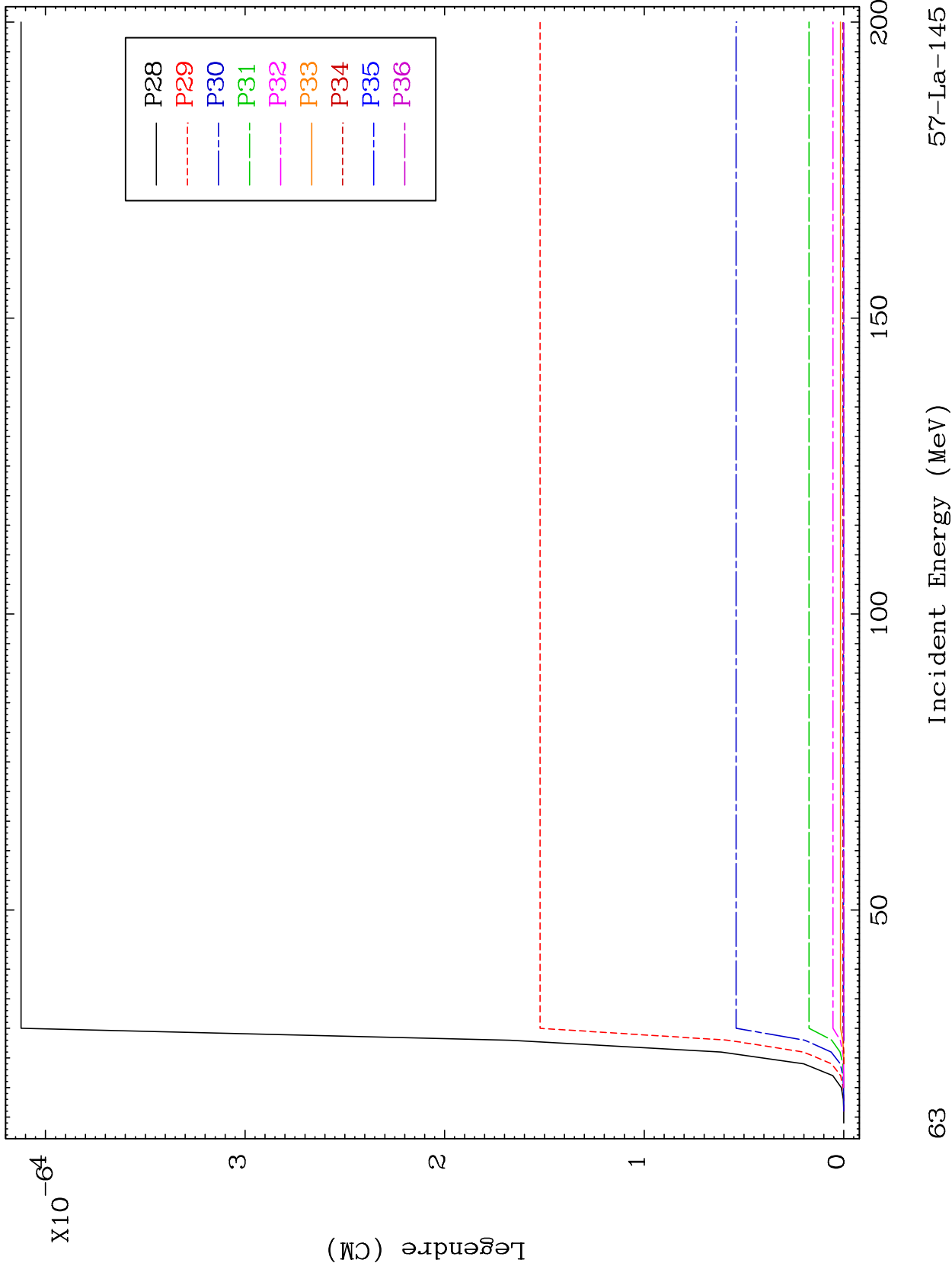
Incident Energy (MeV)

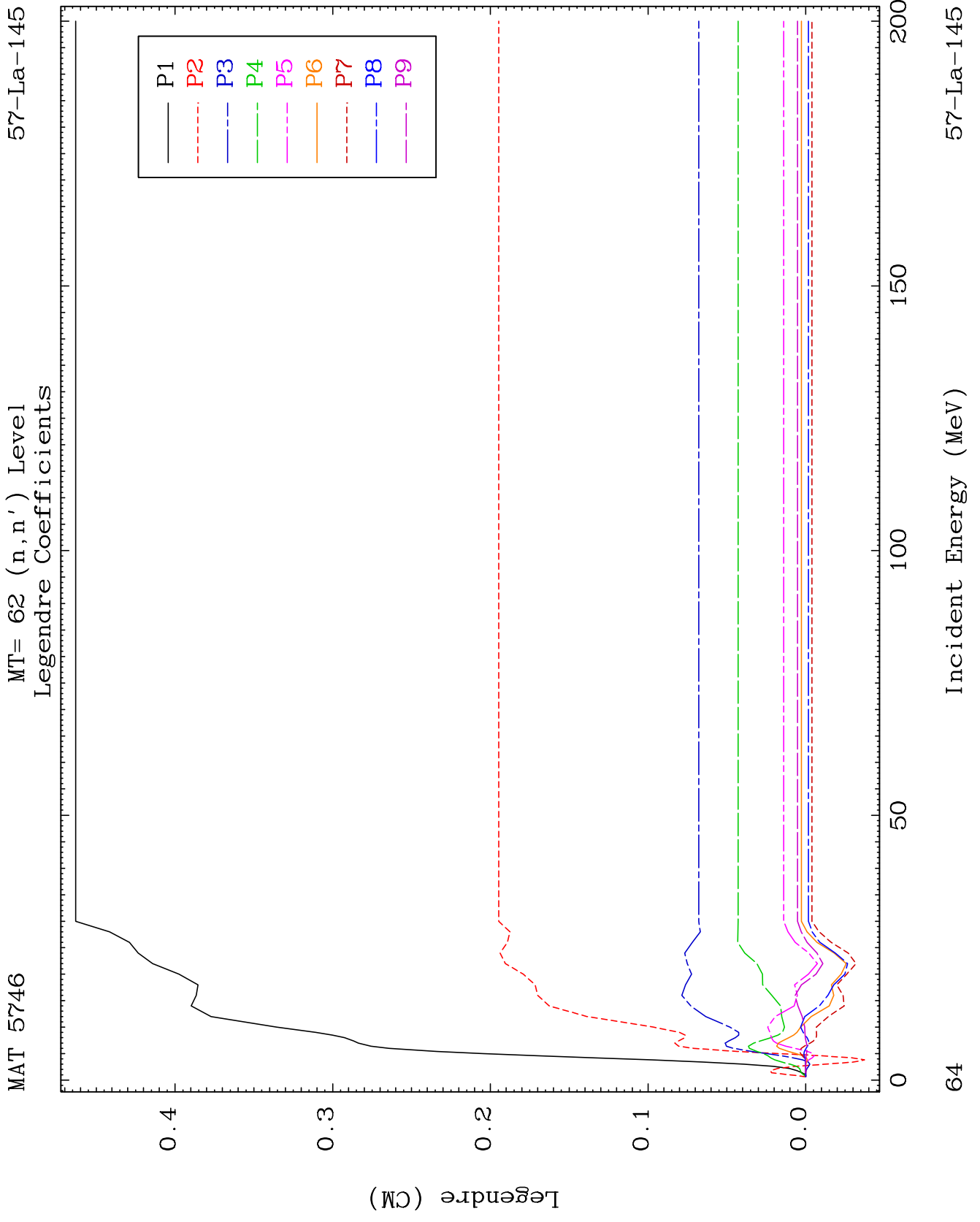
57-La-145

MAT 5746

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

57-La-145

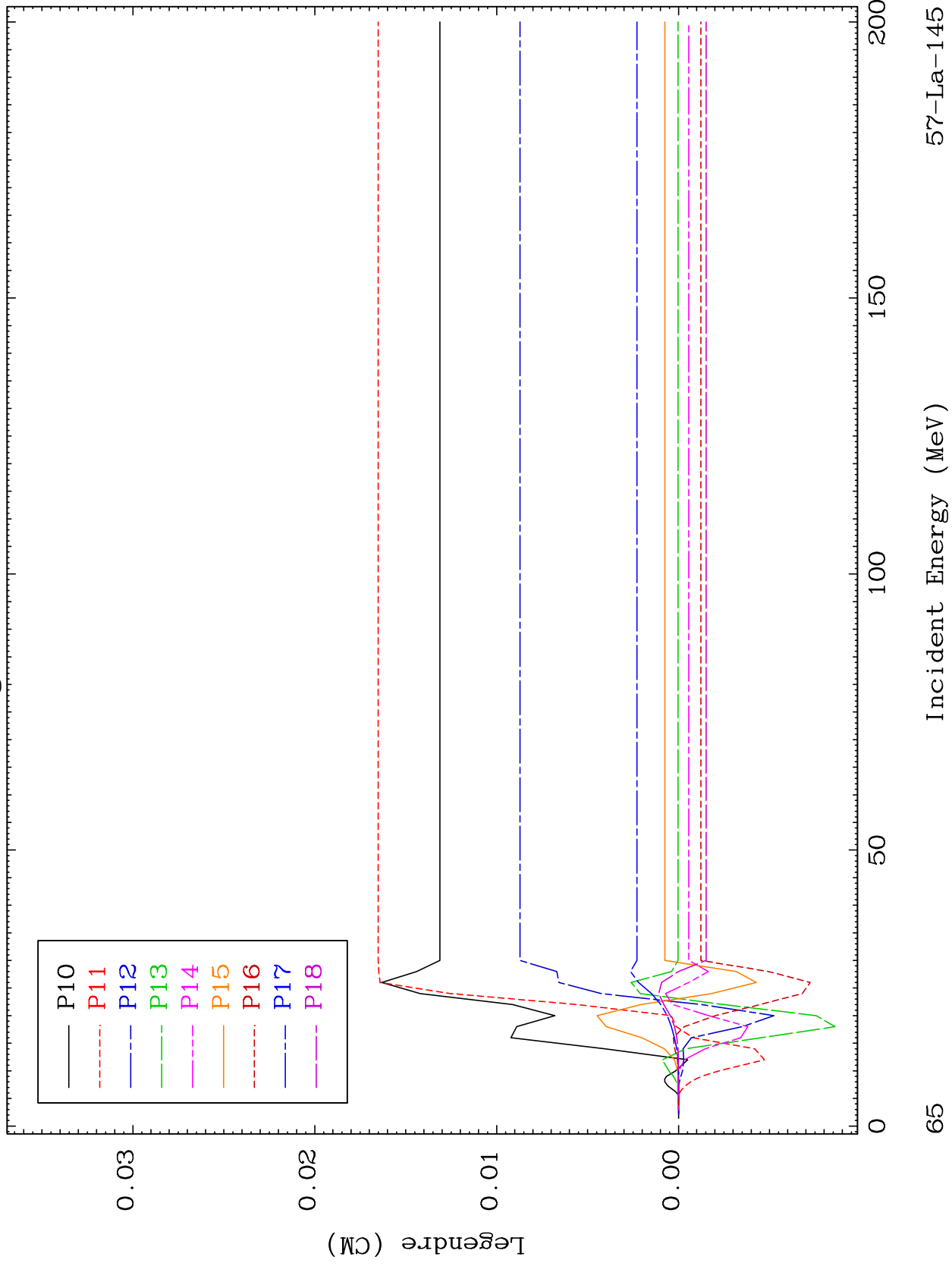




MAT 5746

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

57-La-145



57-La-145

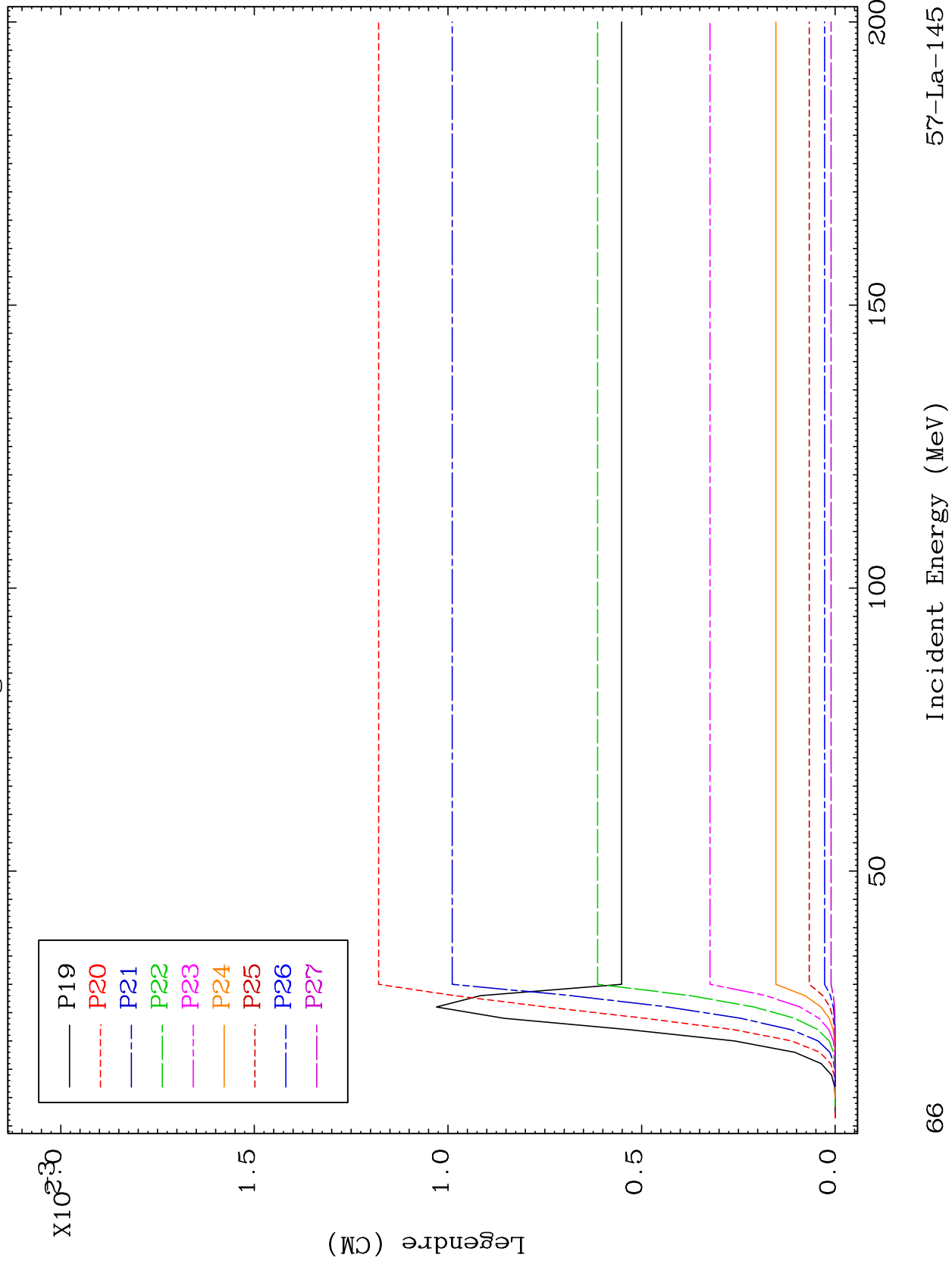
Incident Energy (MeV)

65

MAT 5746

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

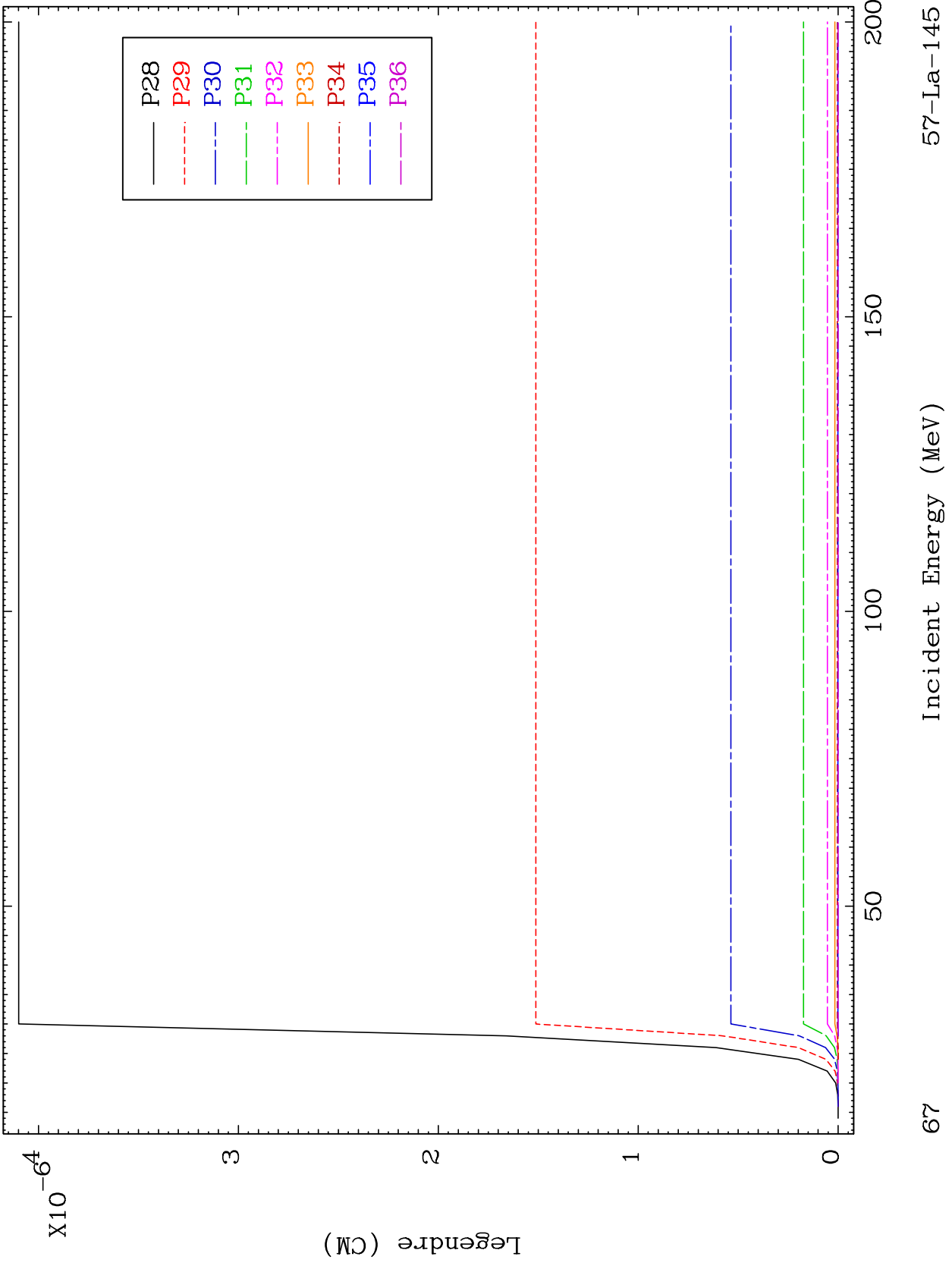
57-La-145



MAT 5746

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

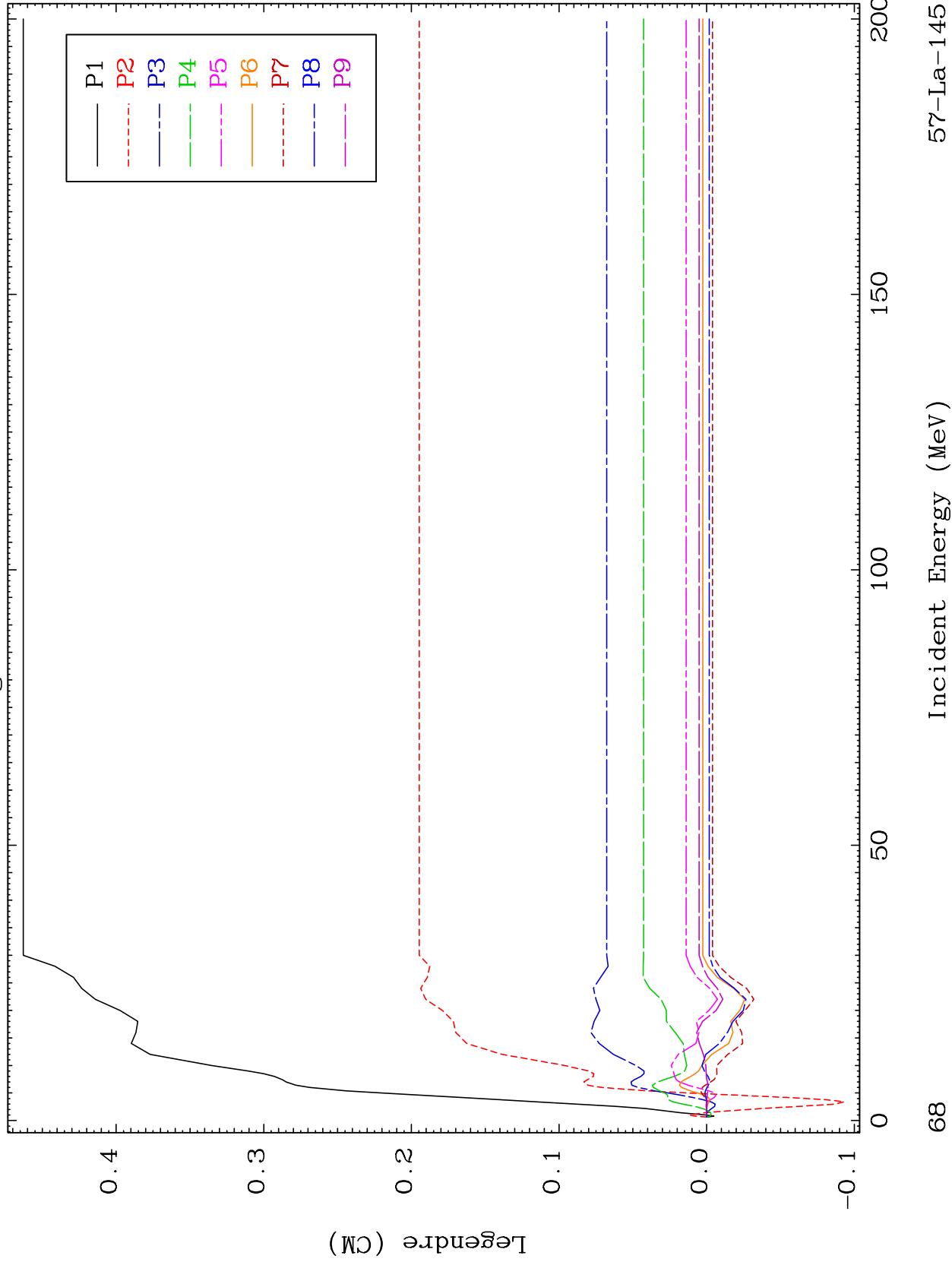
57-La-145



MAT 5746

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

57-La-145



57-La-145

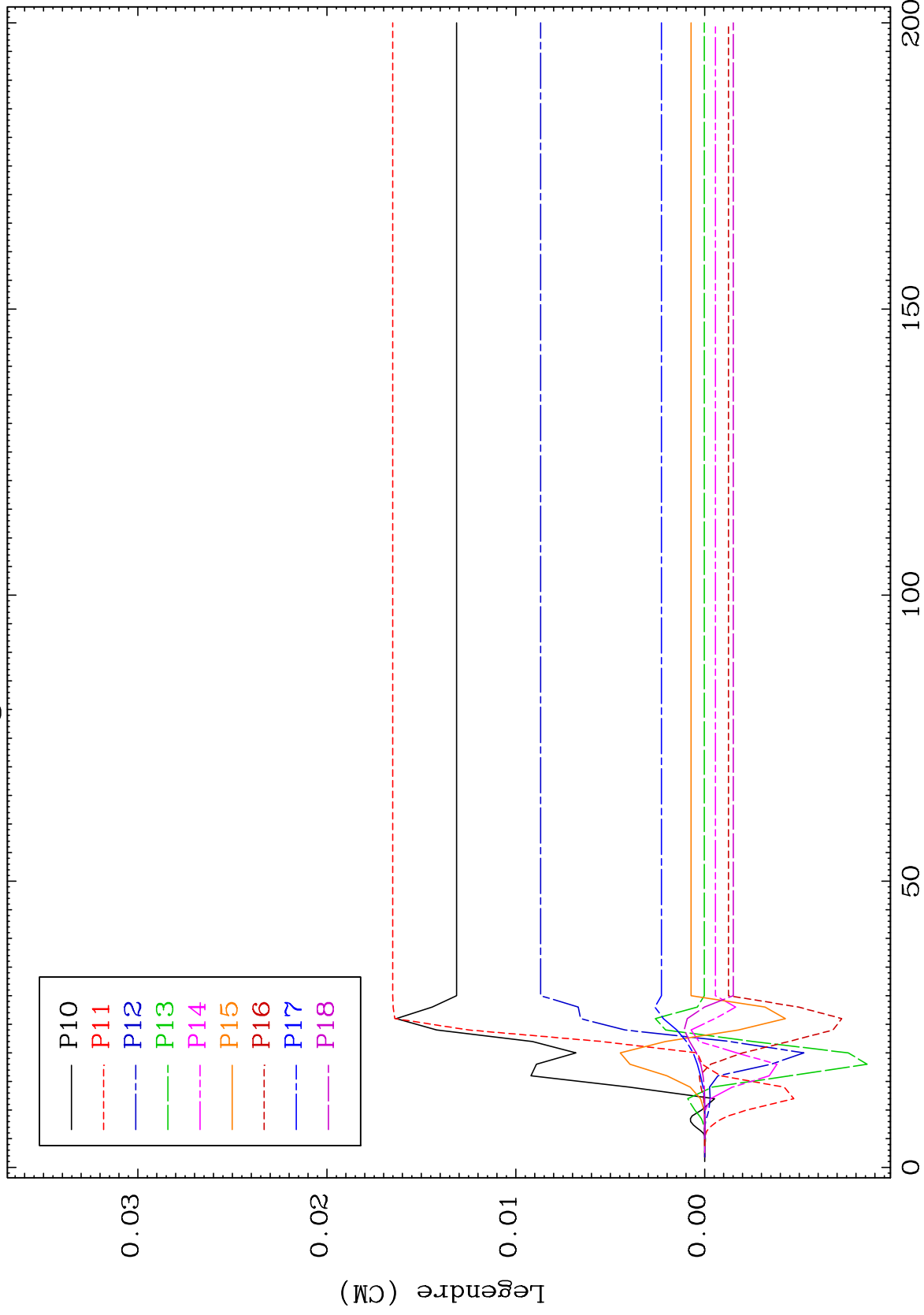
Incident Energy (MeV)

68

MAT 5746

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

57-La-145



69

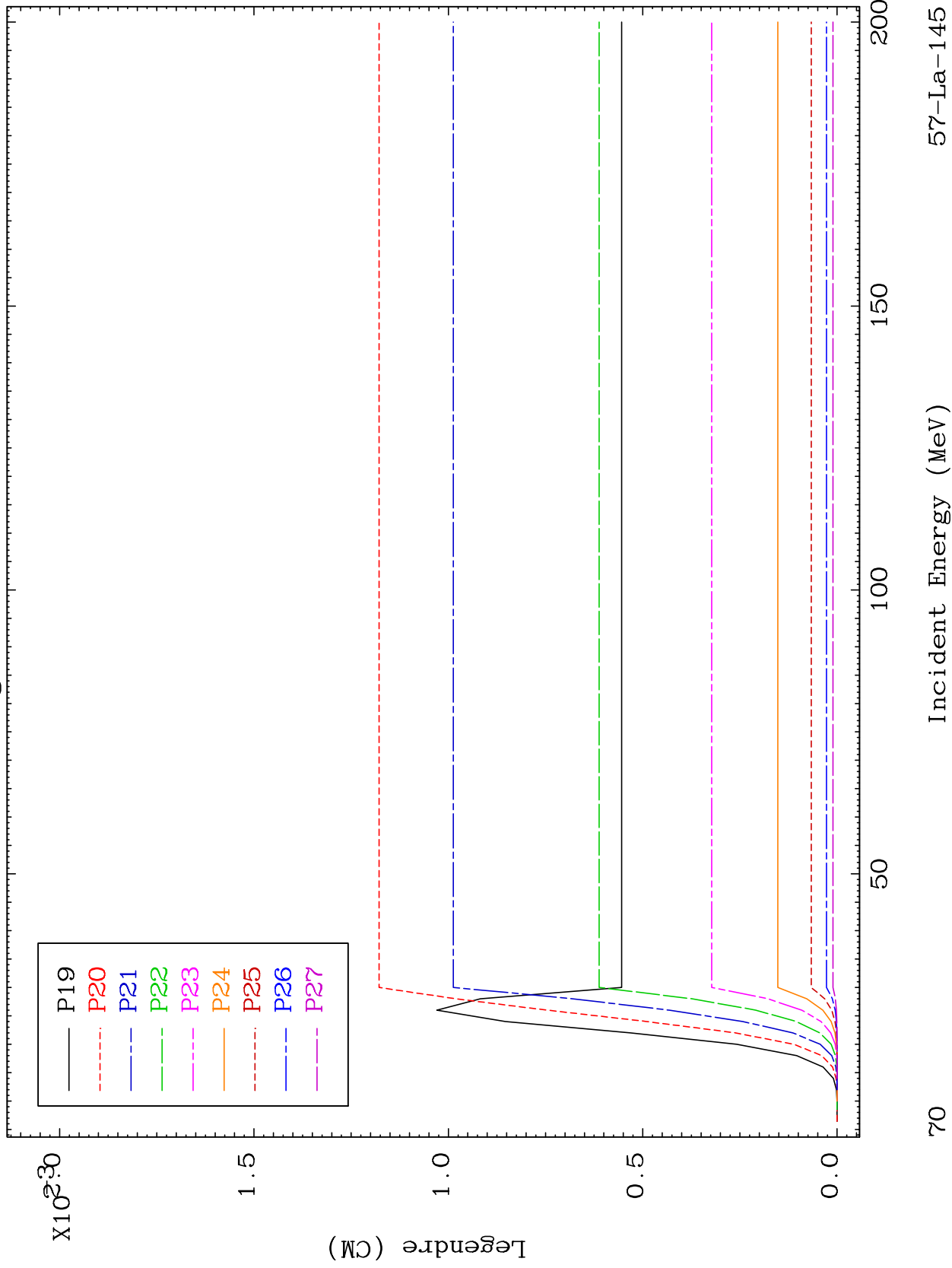
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



70

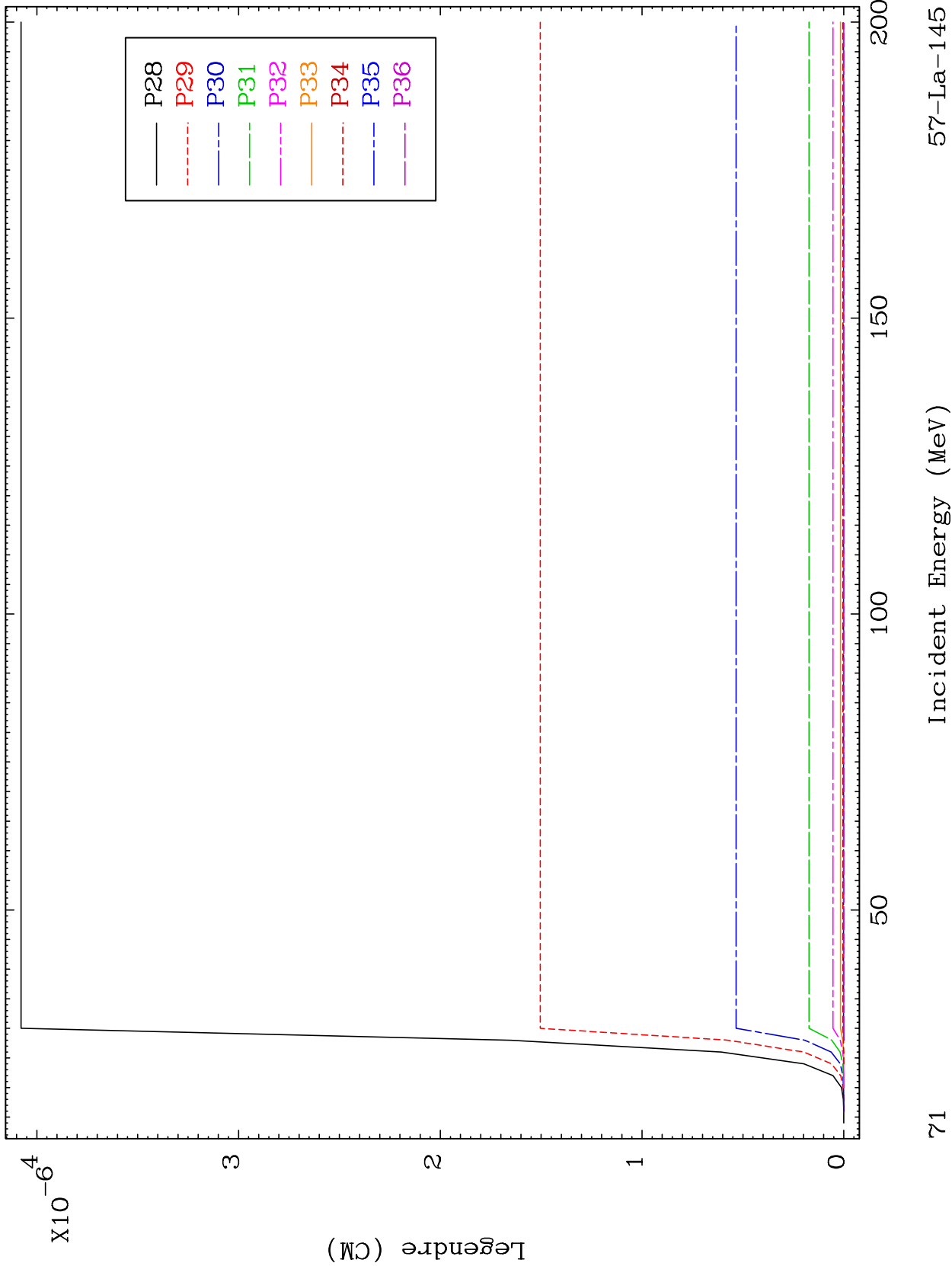
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



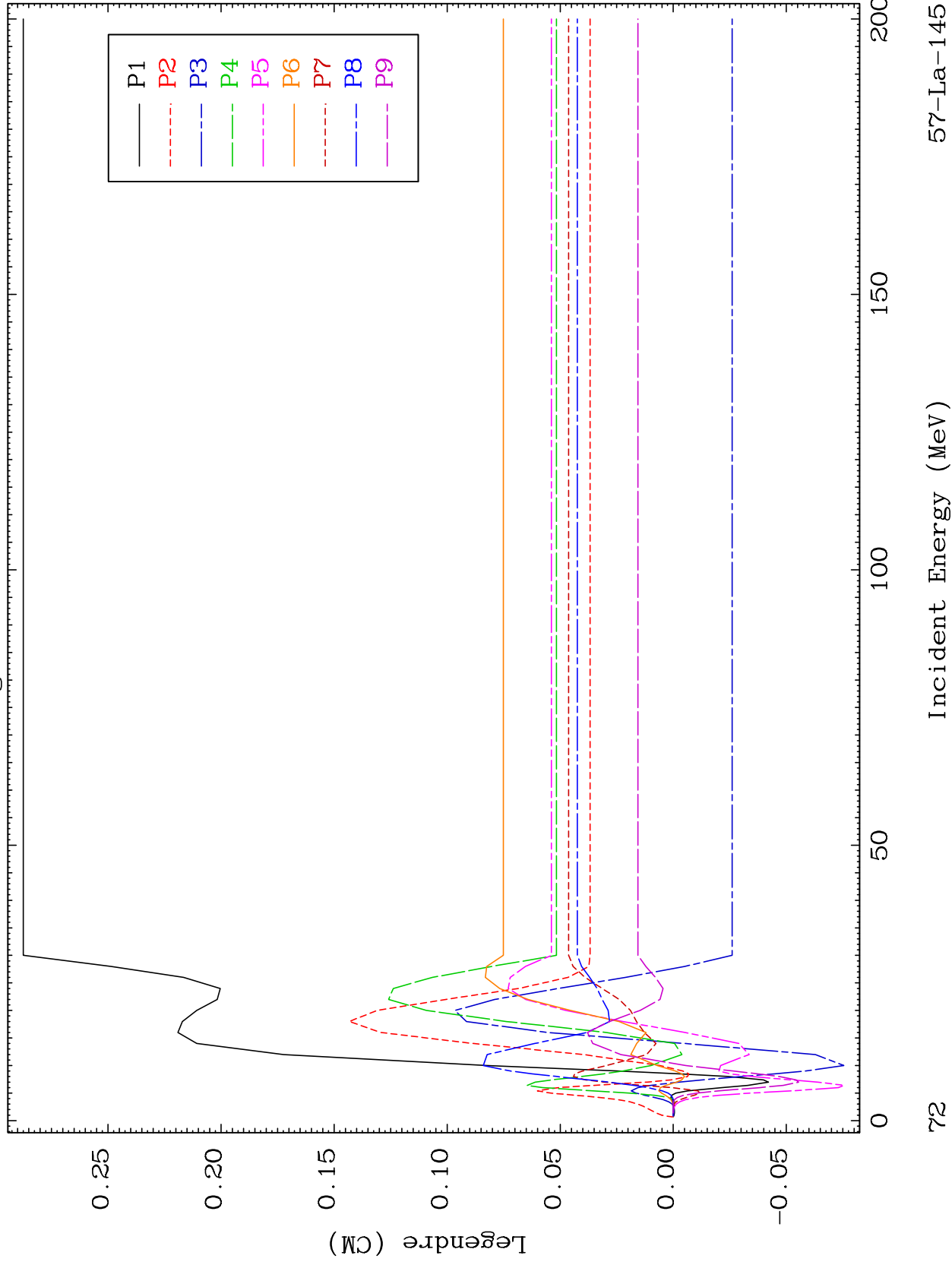
71

57-La-145

MAT 5746

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

57-La-145



57-La-145

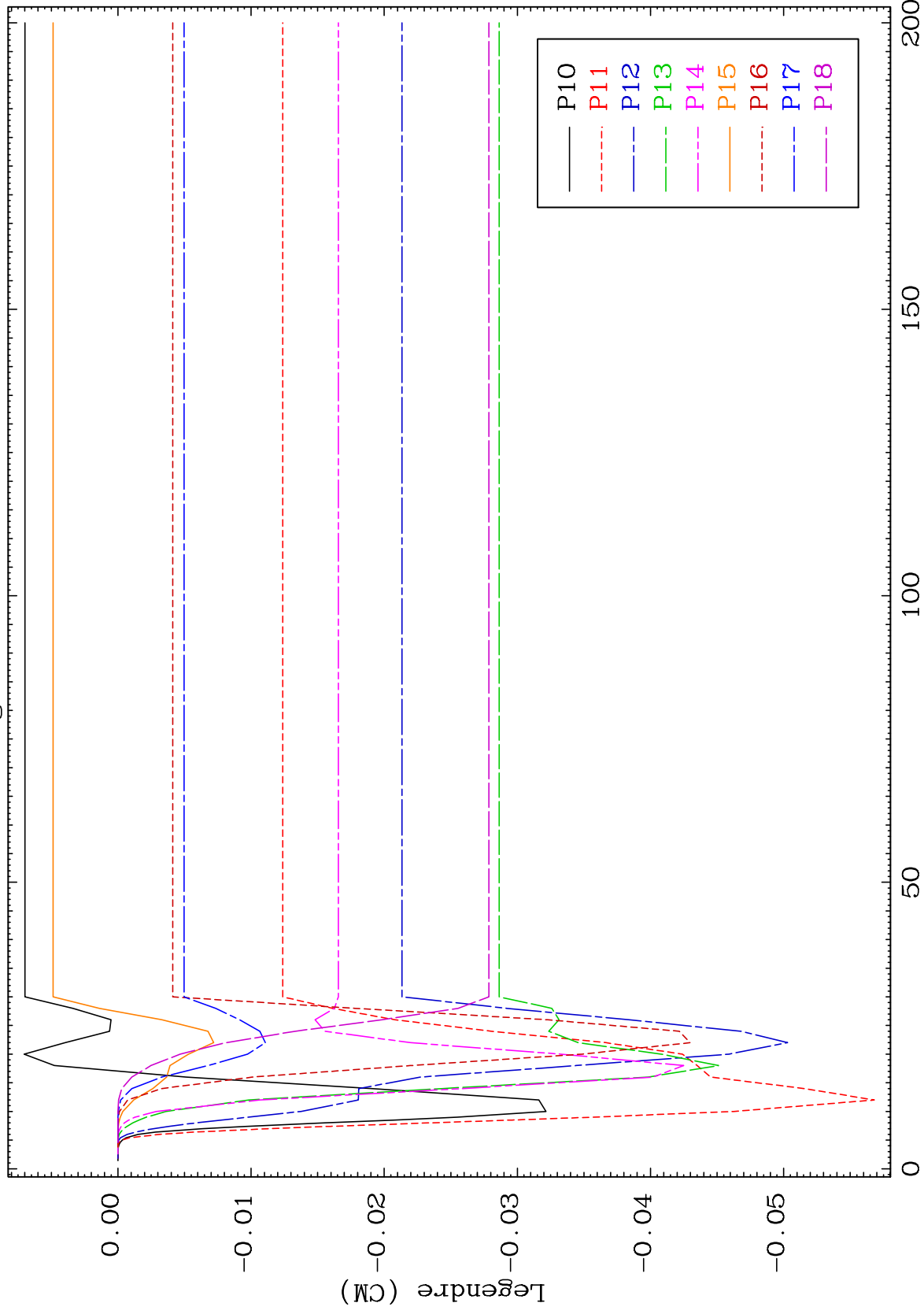
Incident Energy (MeV)

72

MAT 5746

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

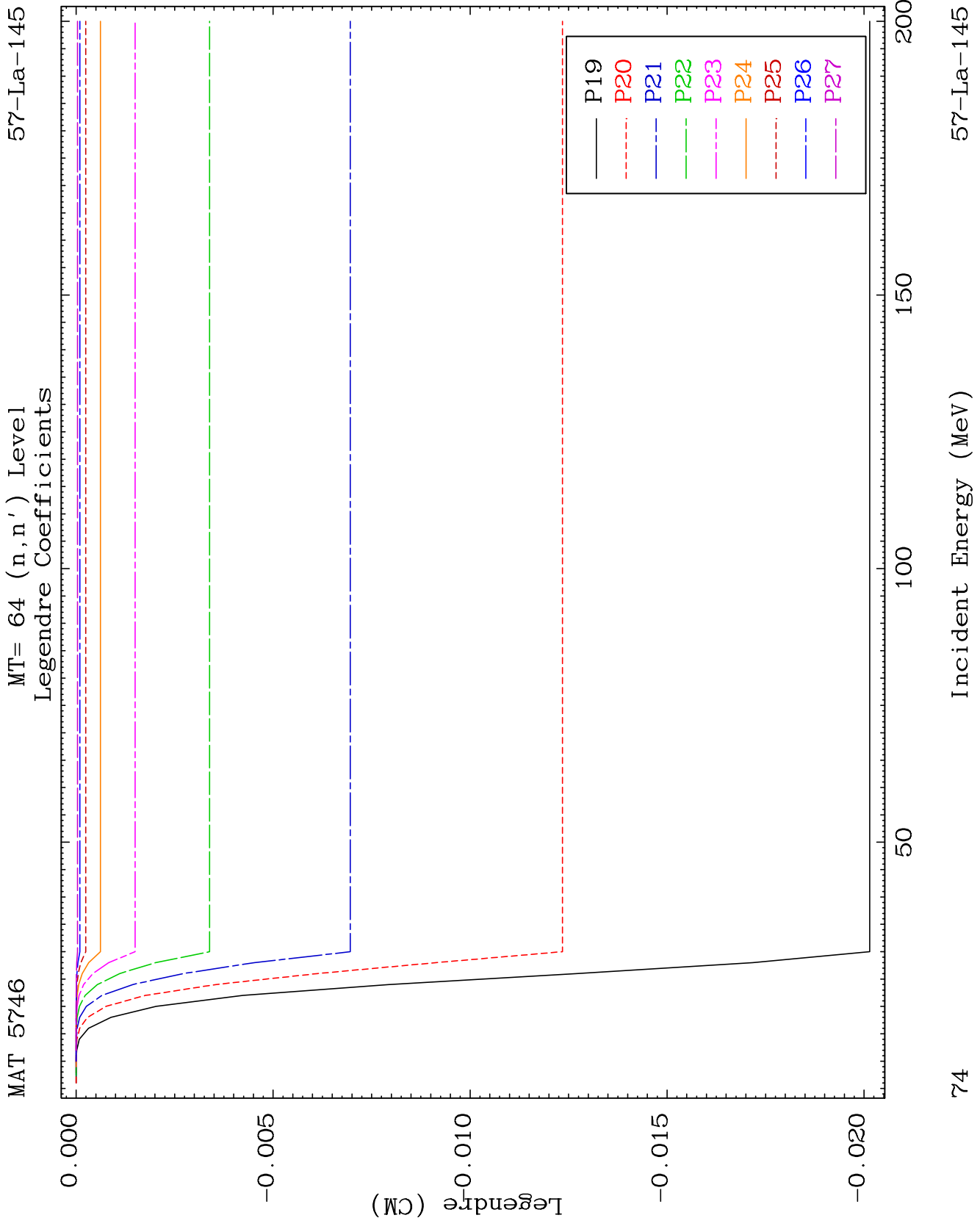
57-La-145

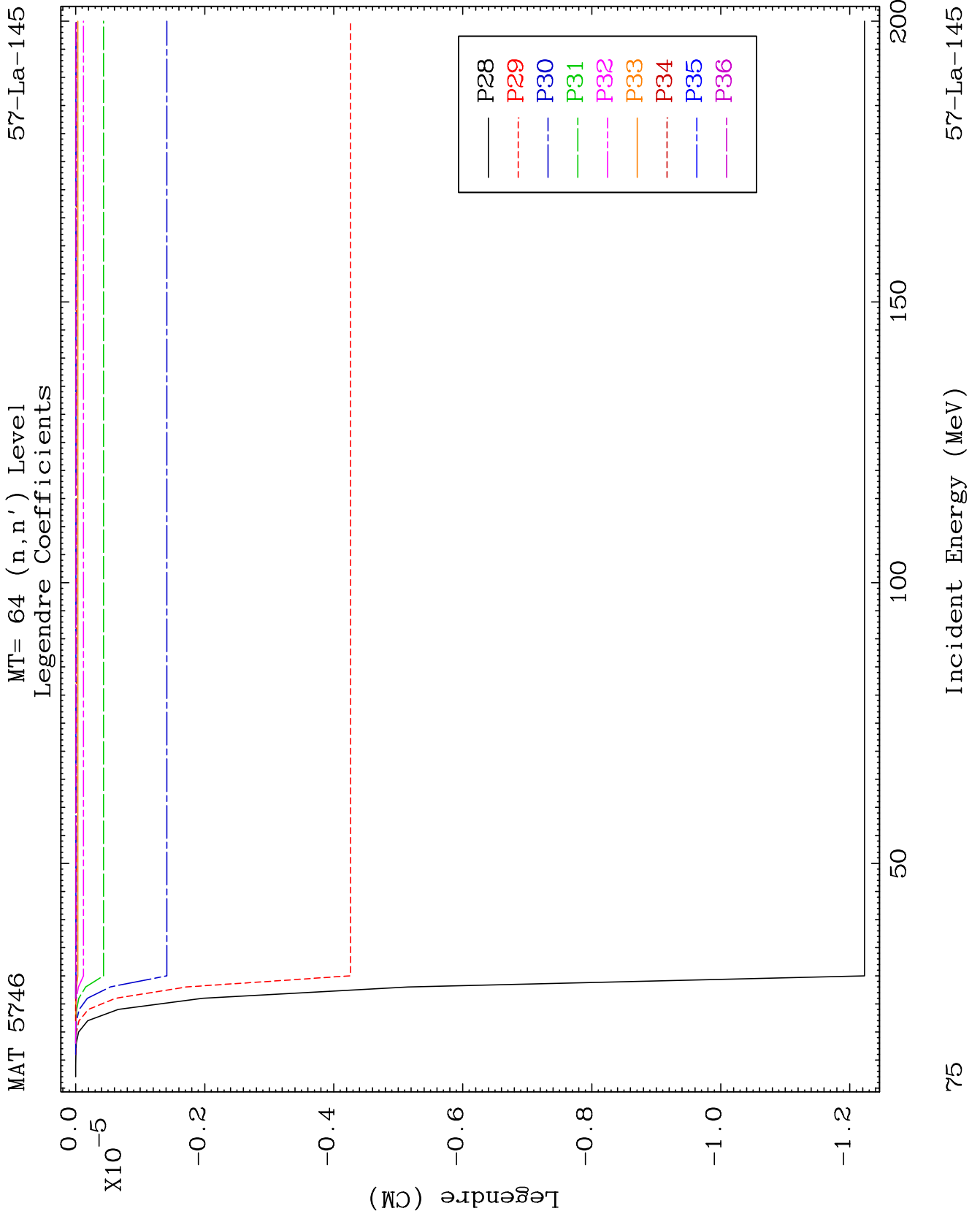


73

Incident Energy (MeV)

57-La-145

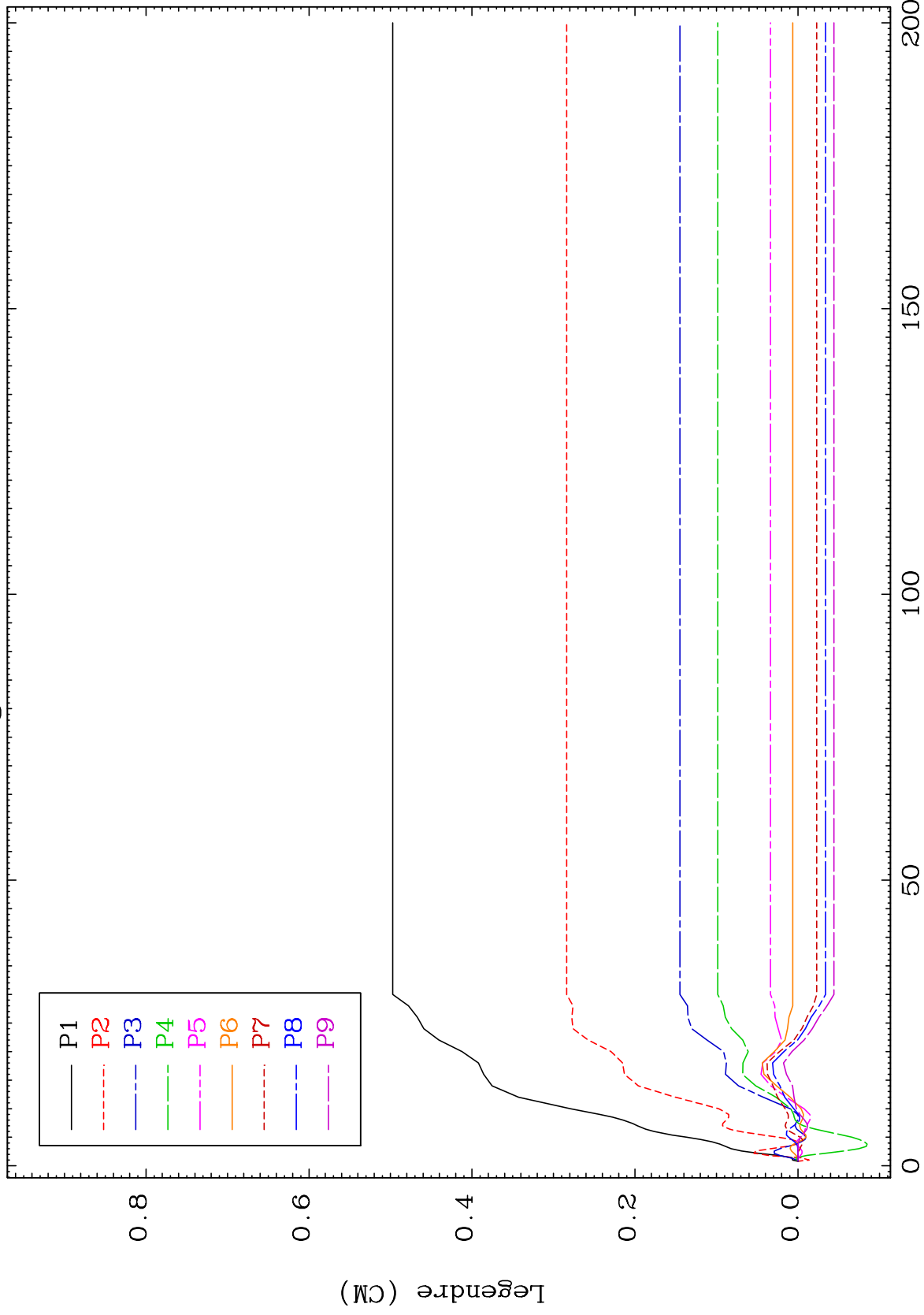




MAT 5746

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

57-La-145



57-La-145

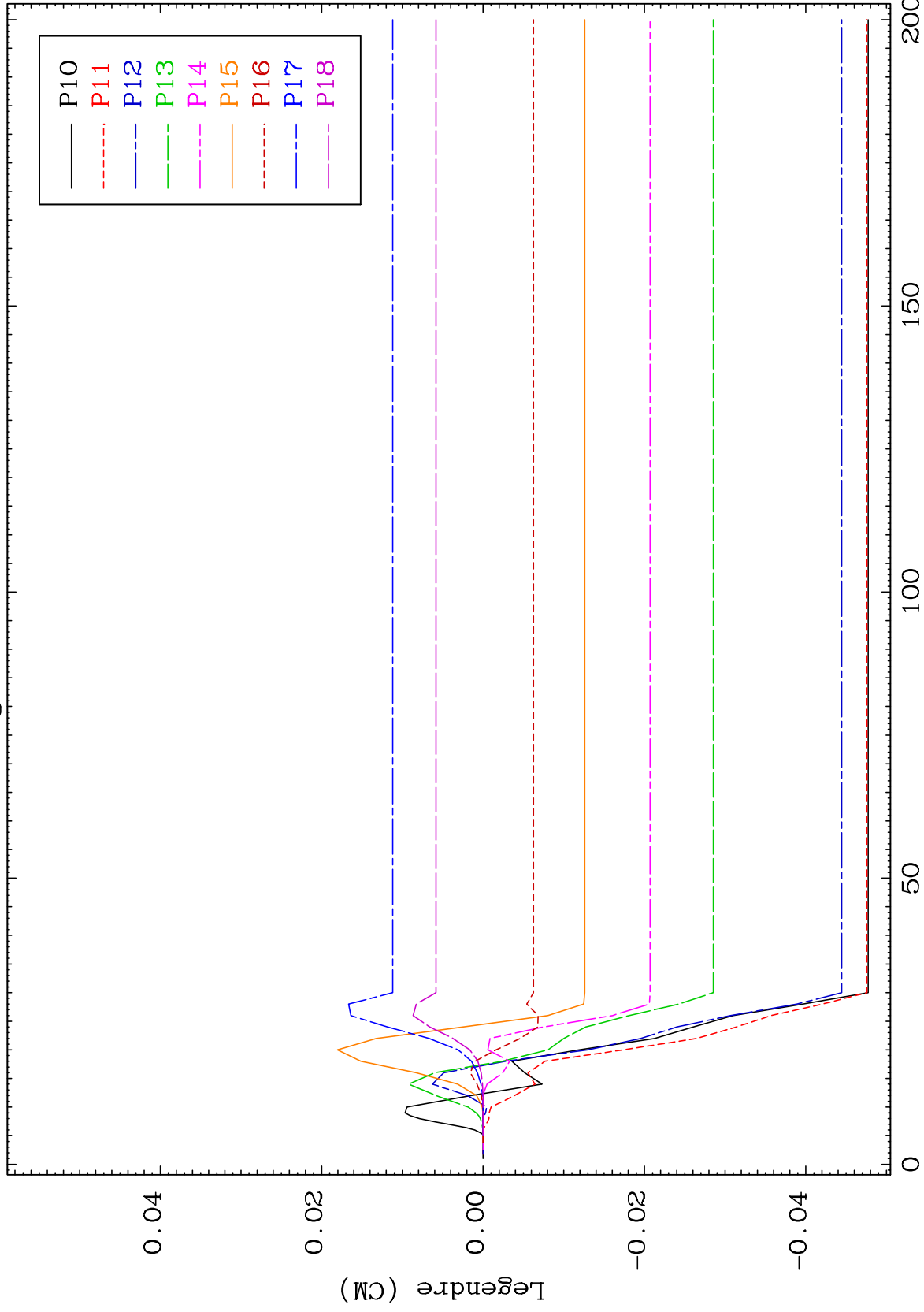
Incident Energy (MeV)

76

MAT 5746

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

57-La-145



77

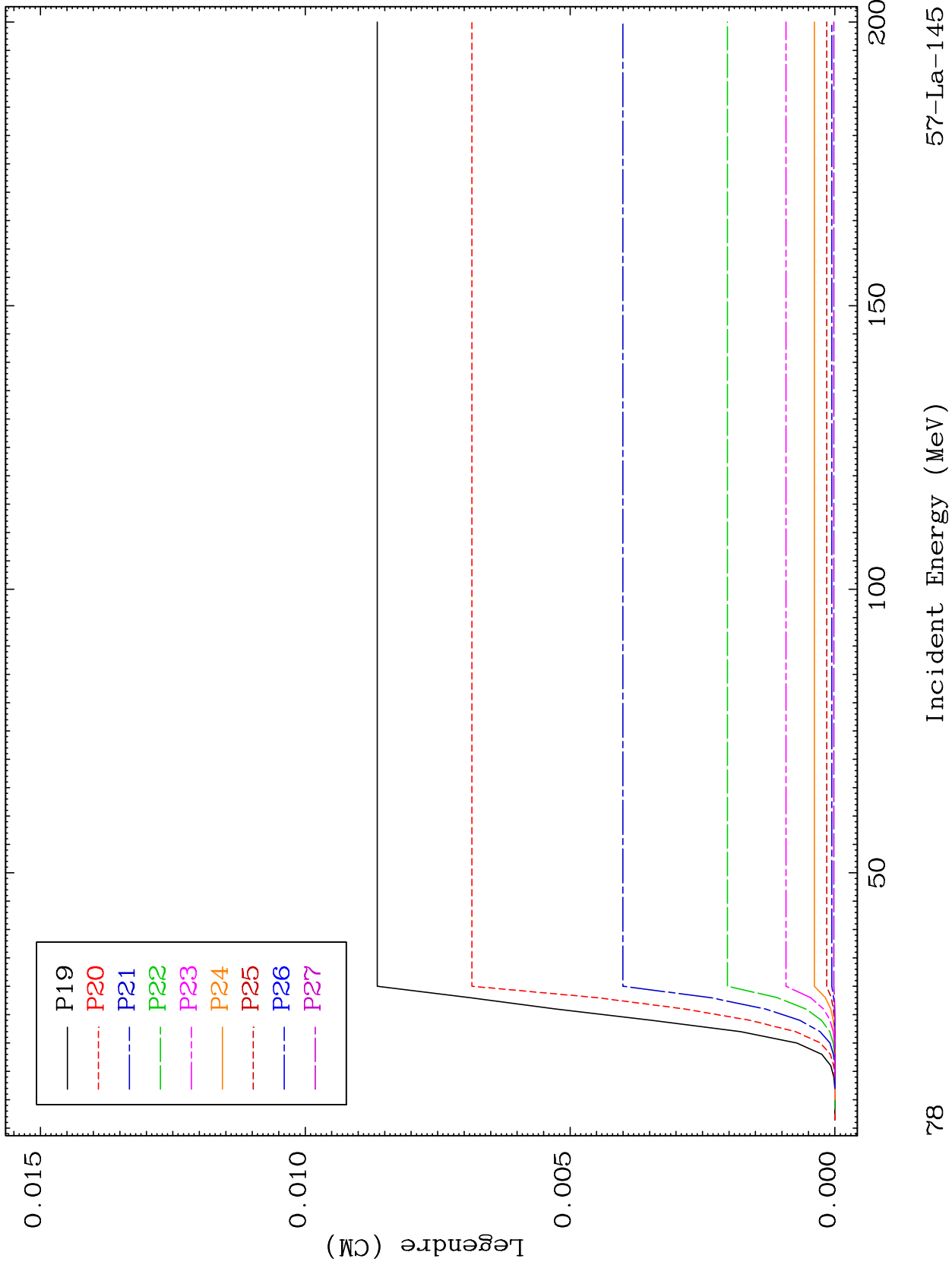
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



78

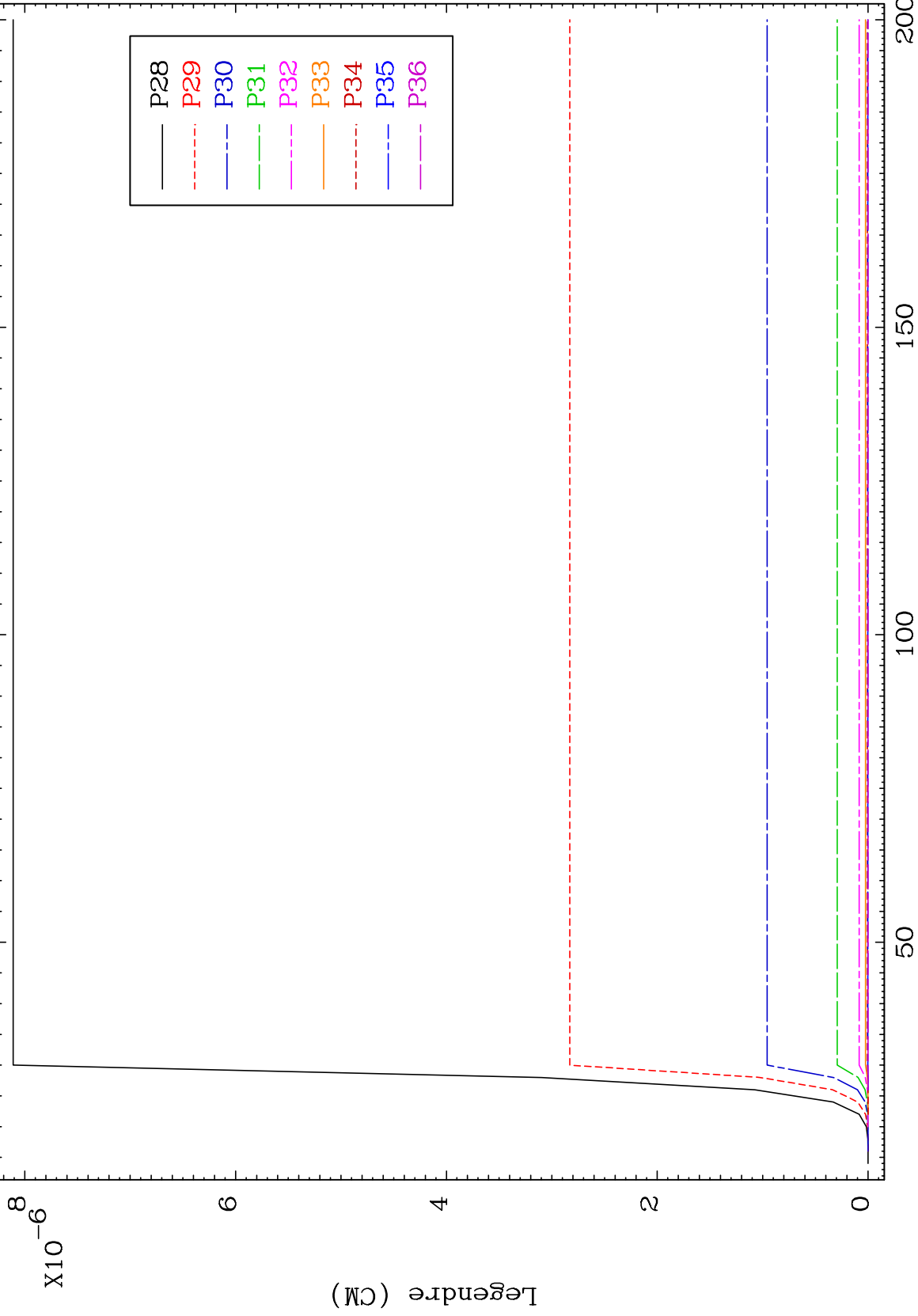
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



79

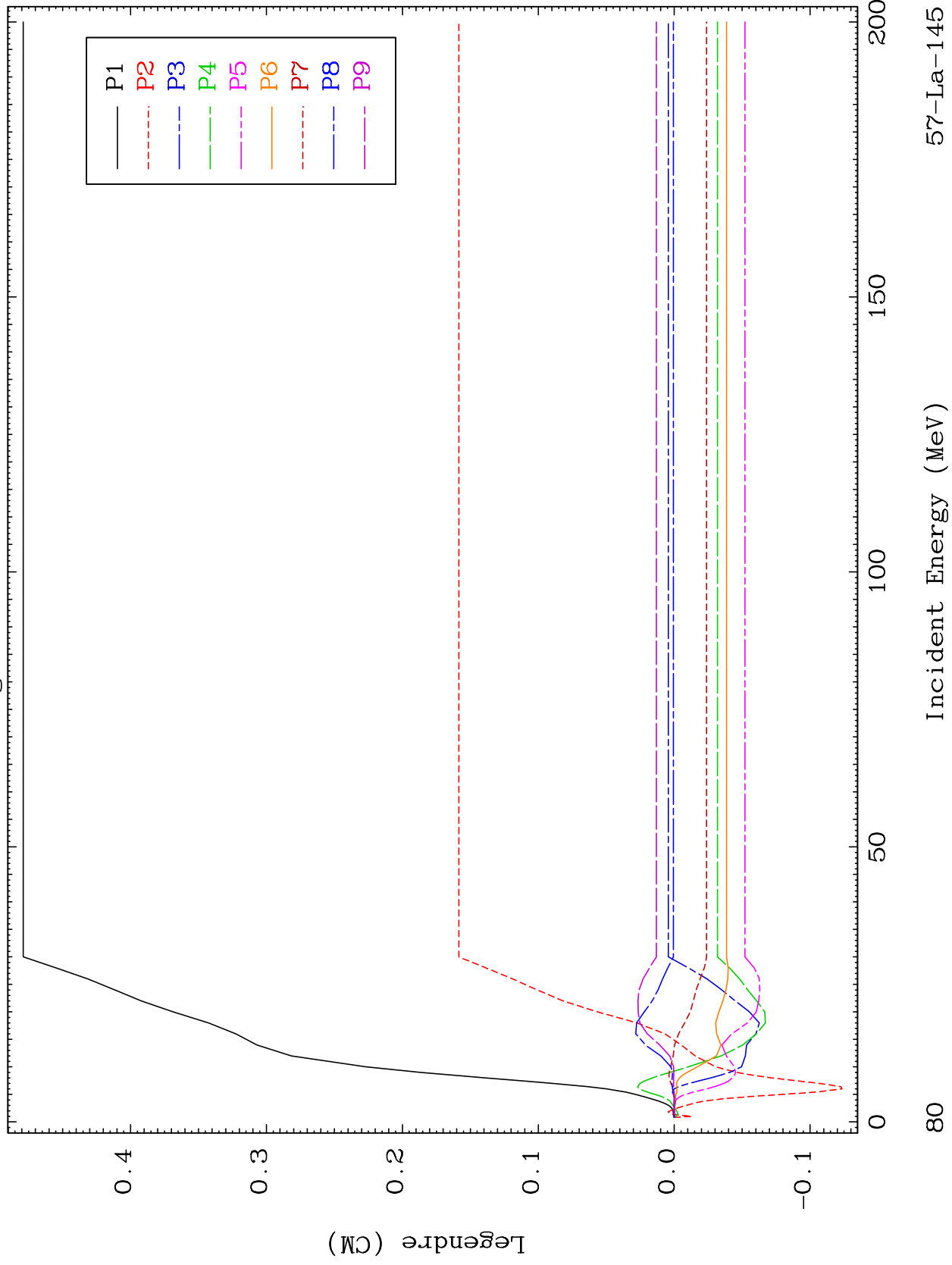
Incident Energy (MeV)

57-La-145

MAT 5746

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

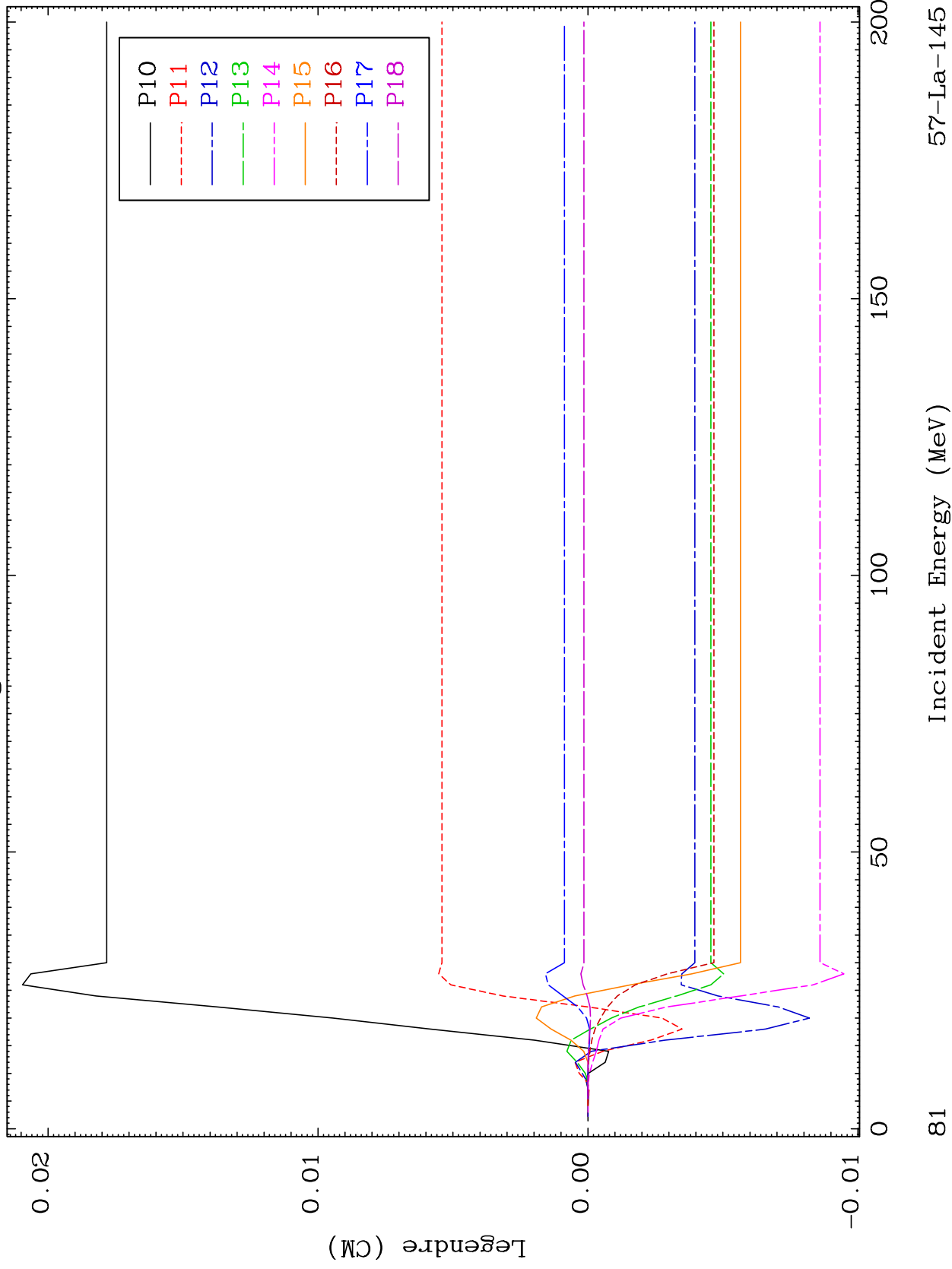
57-La-145



MAT 5746

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

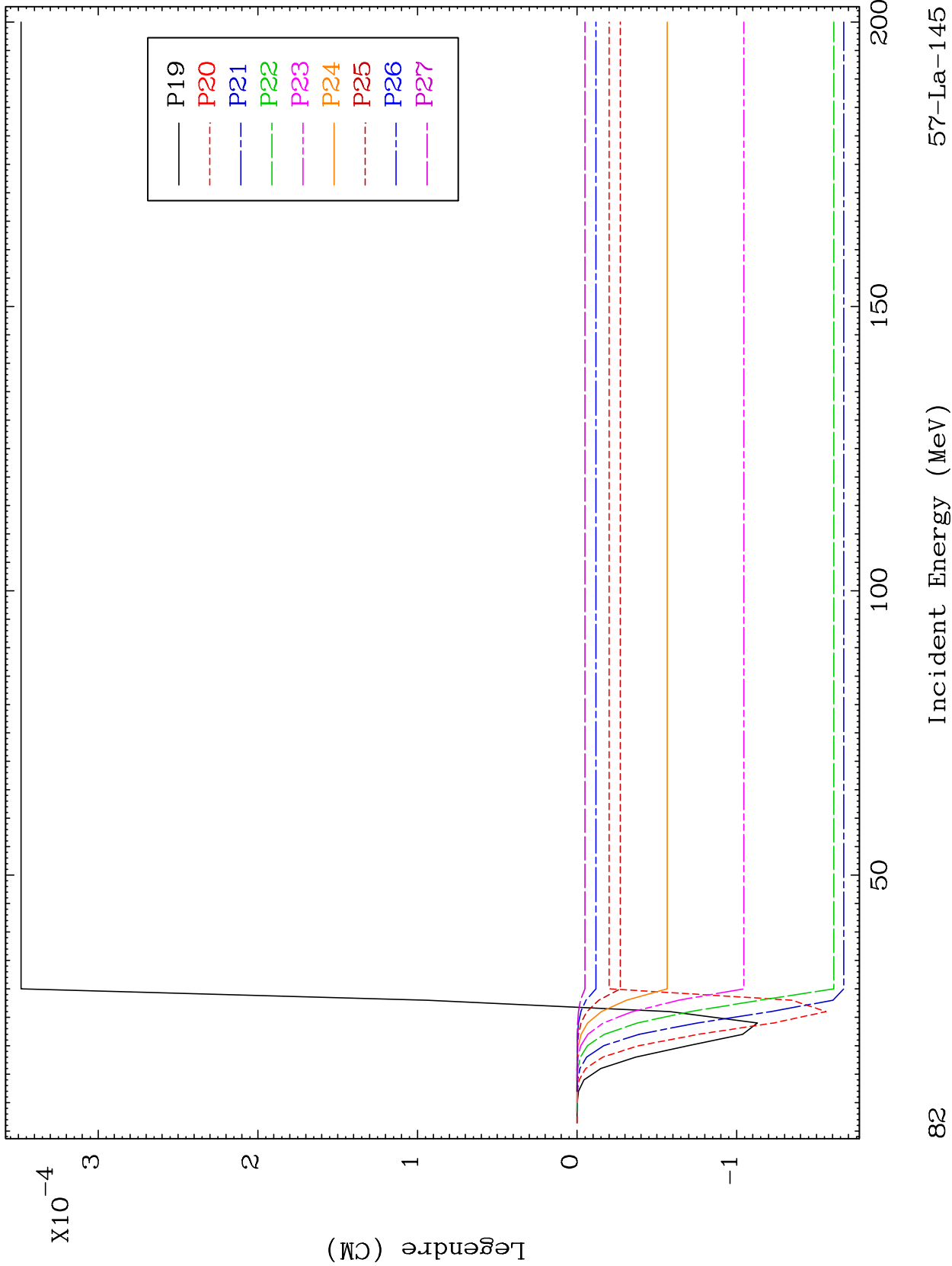
57-La-145



MAT 5746

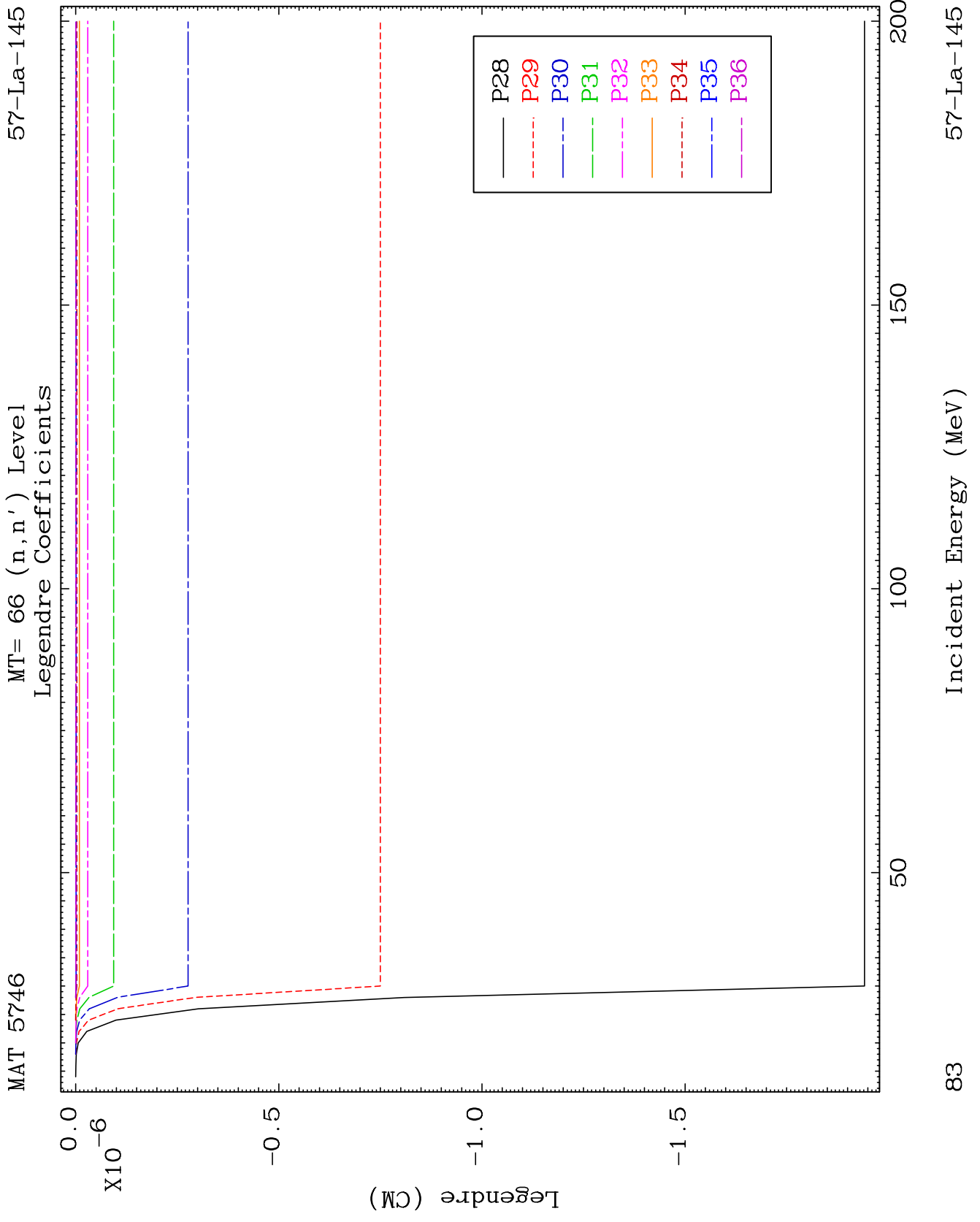
MT= 66 (n,n') Level
Legendre Coefficients

57-La-145



82

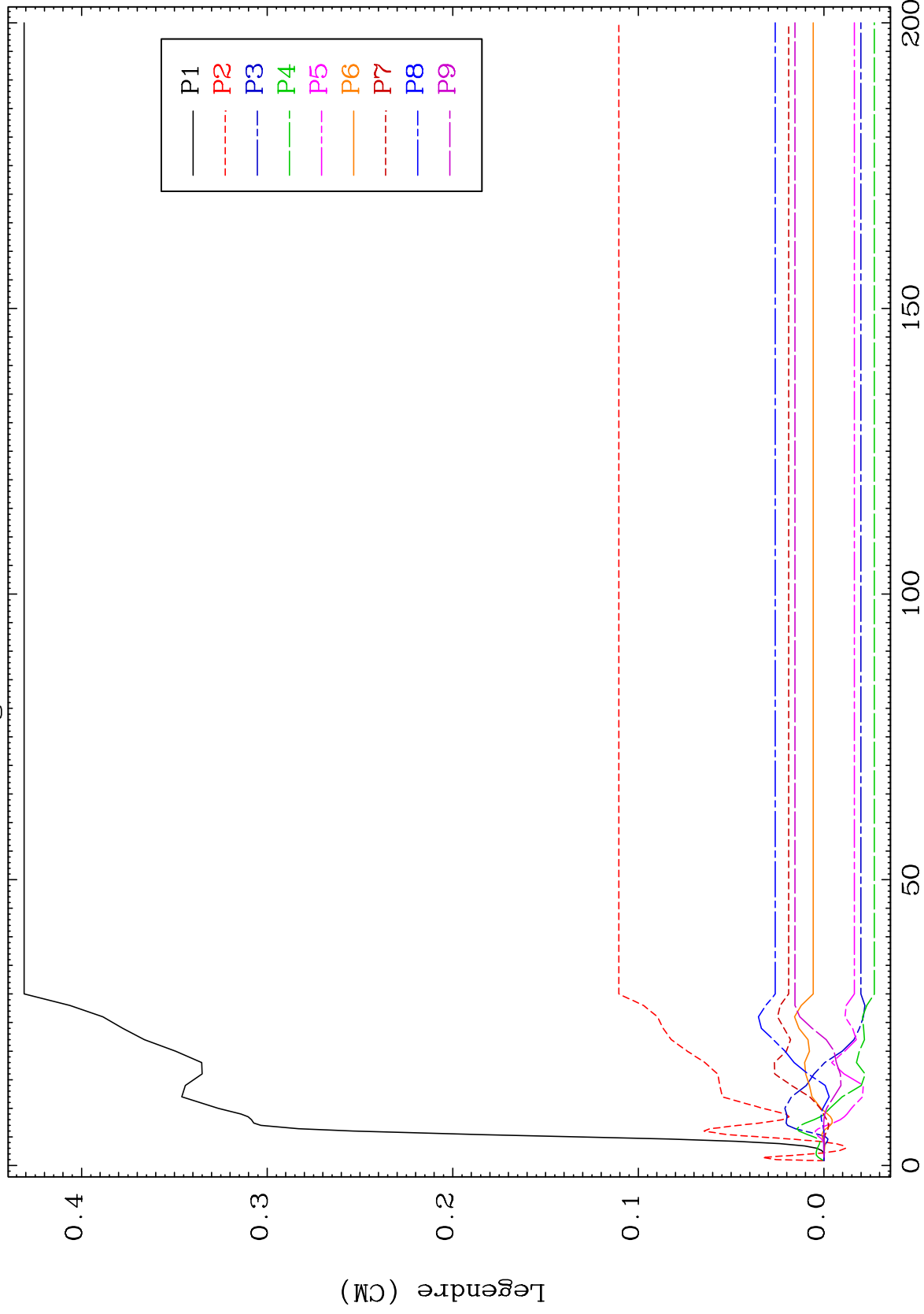
57-La-145



MAT 5746

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

57-La-145



84

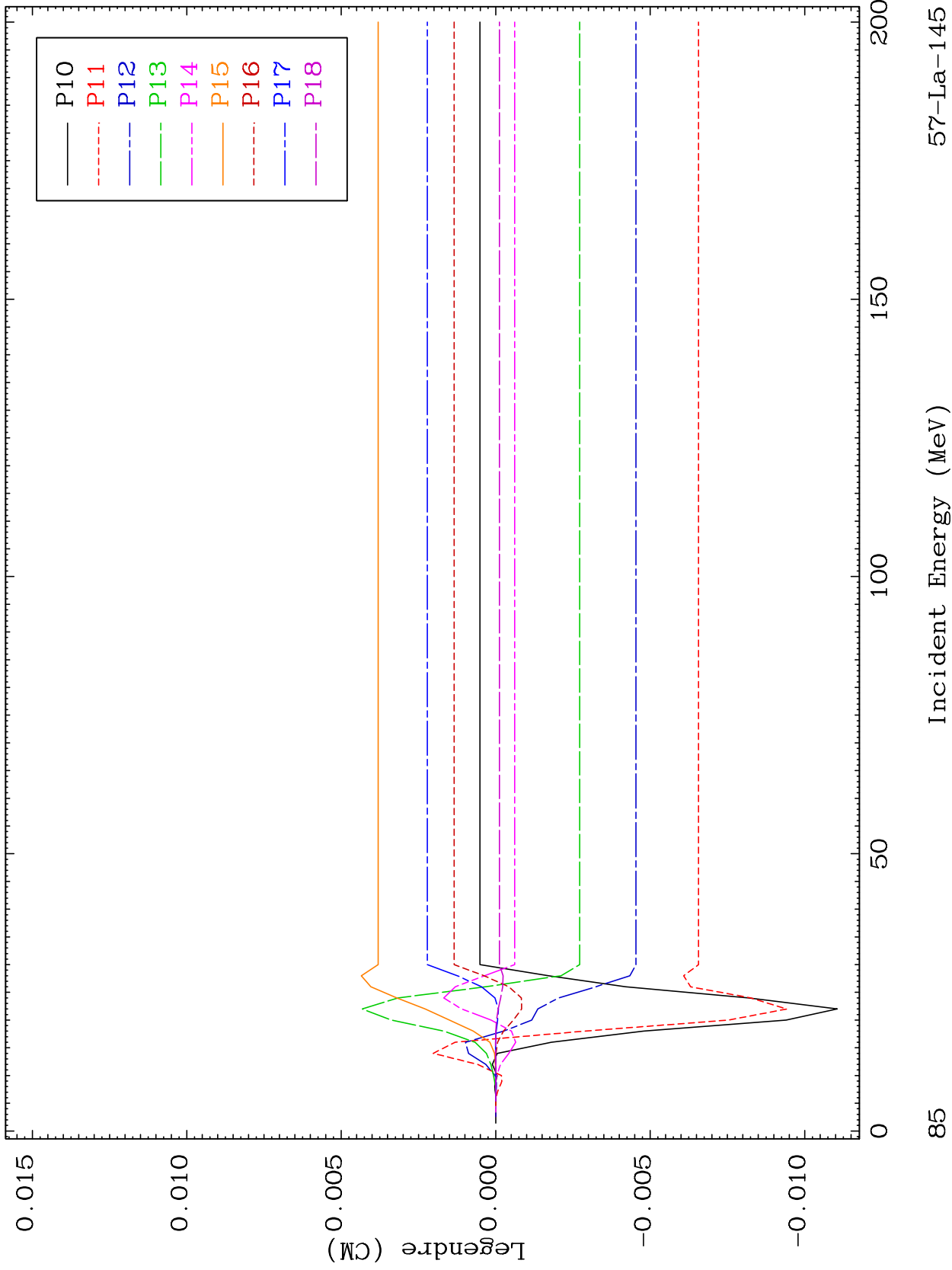
Incident Energy (MeV)

57-La-145

MAT 5746

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

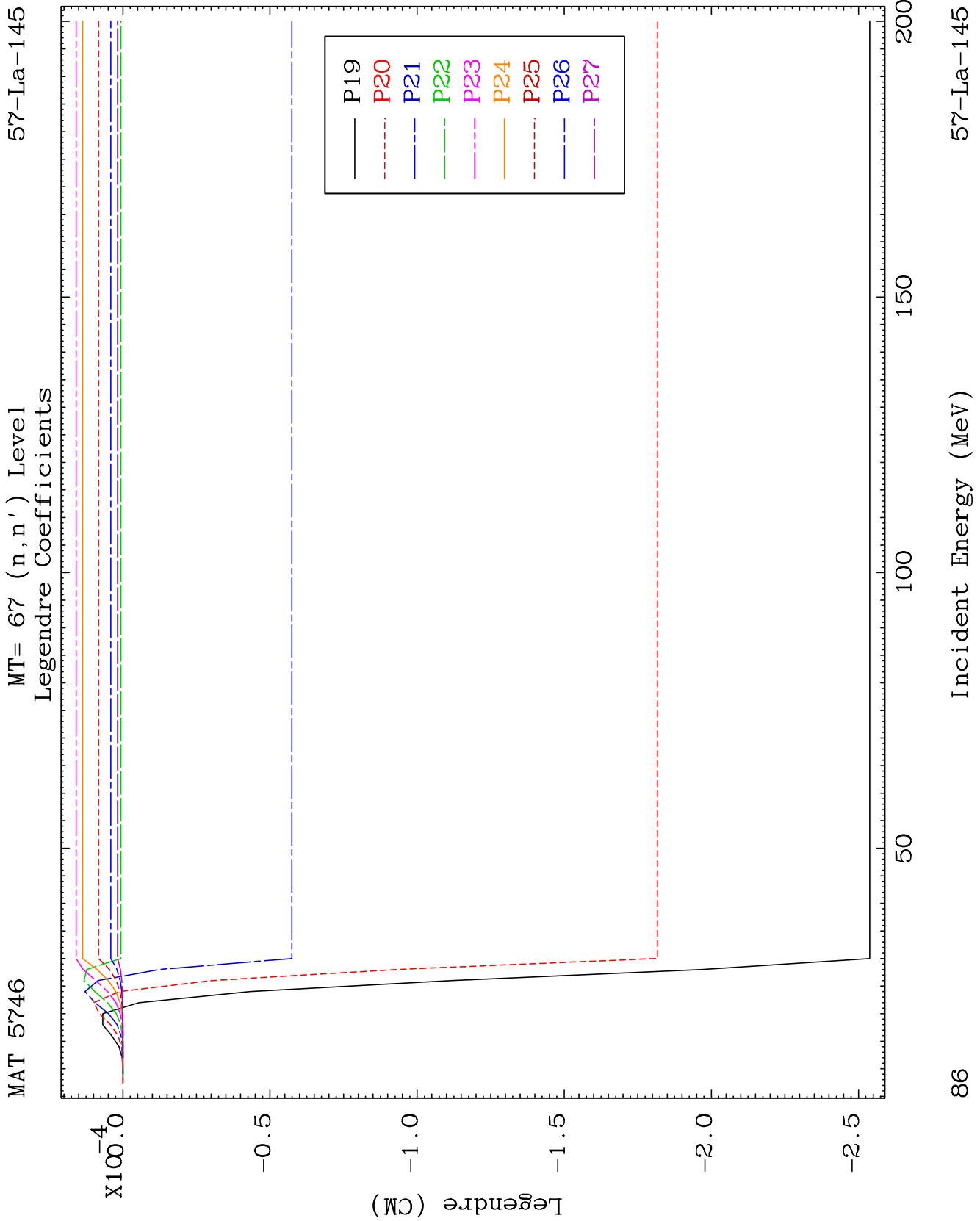
57-La-145



57-La-145

Incident Energy (MeV)

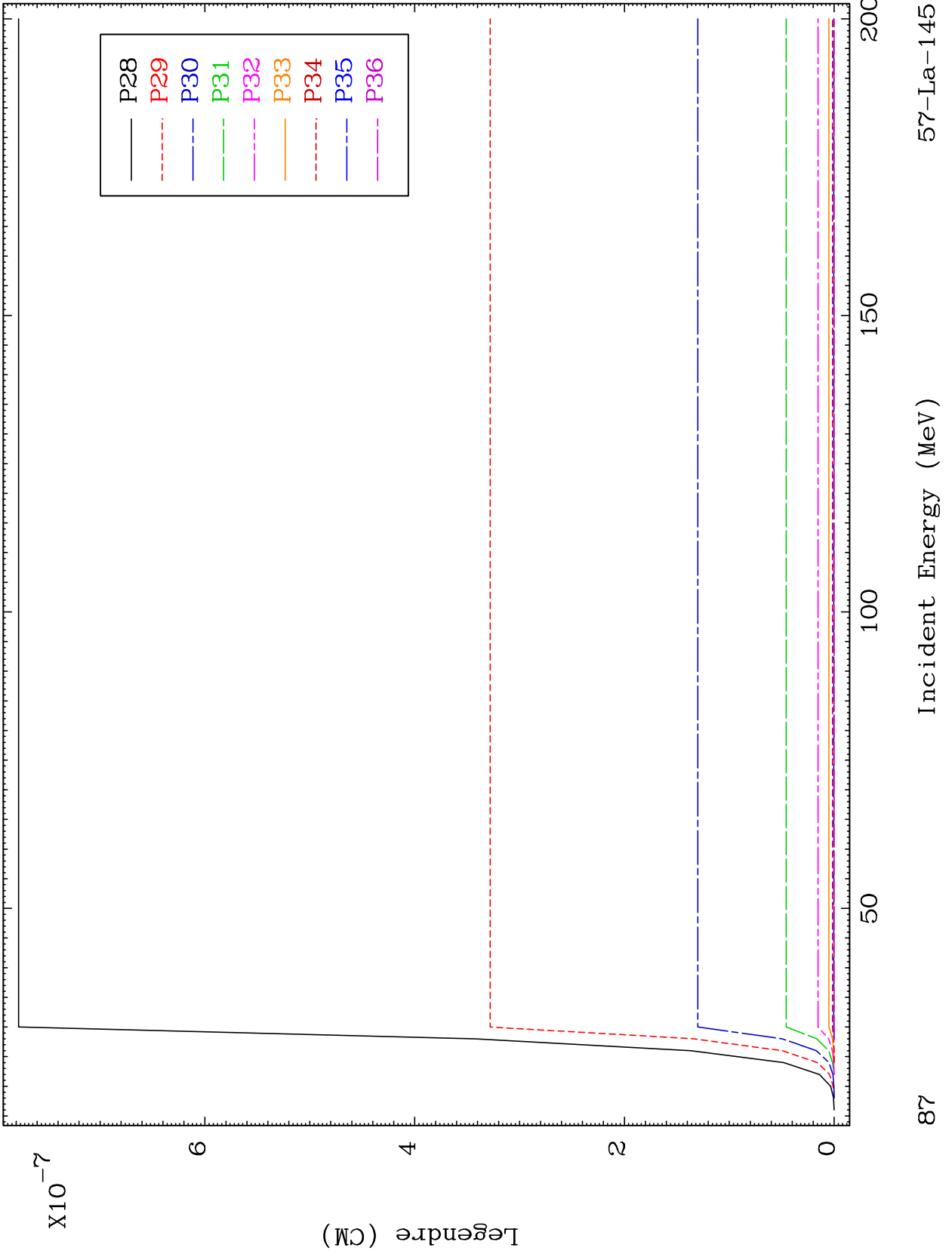
85



MAT 5746

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

57-La-145



87

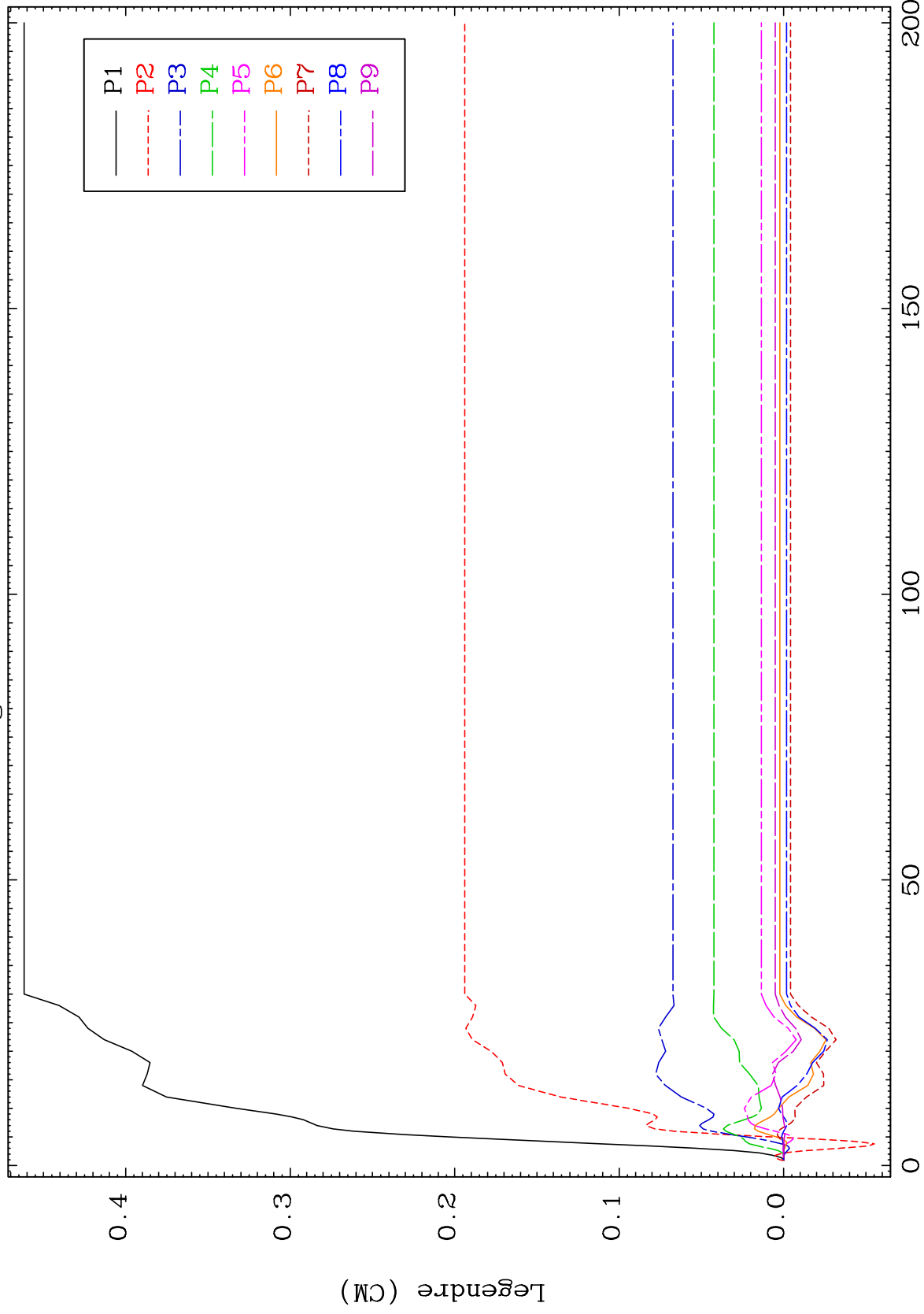
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



88

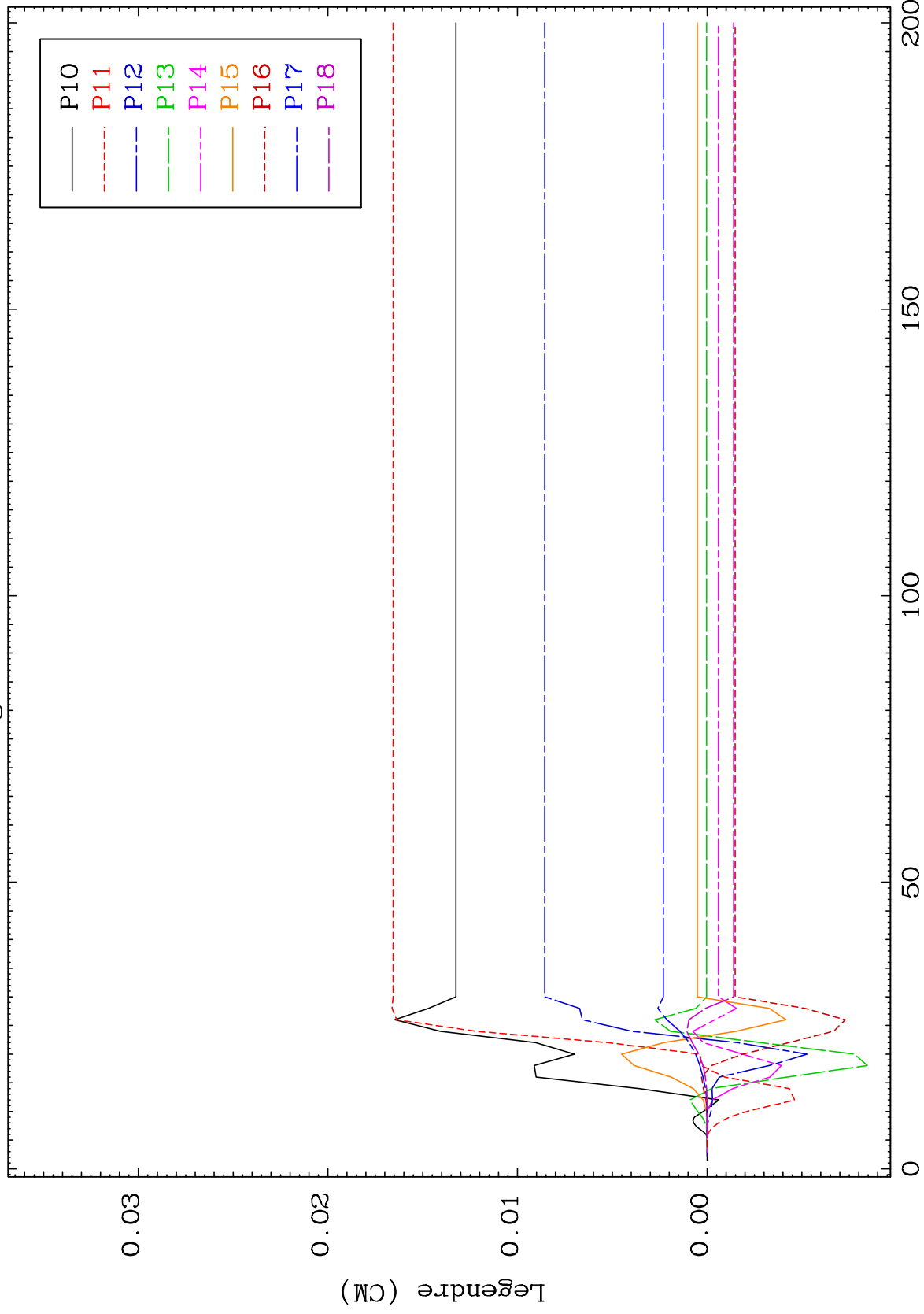
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



89

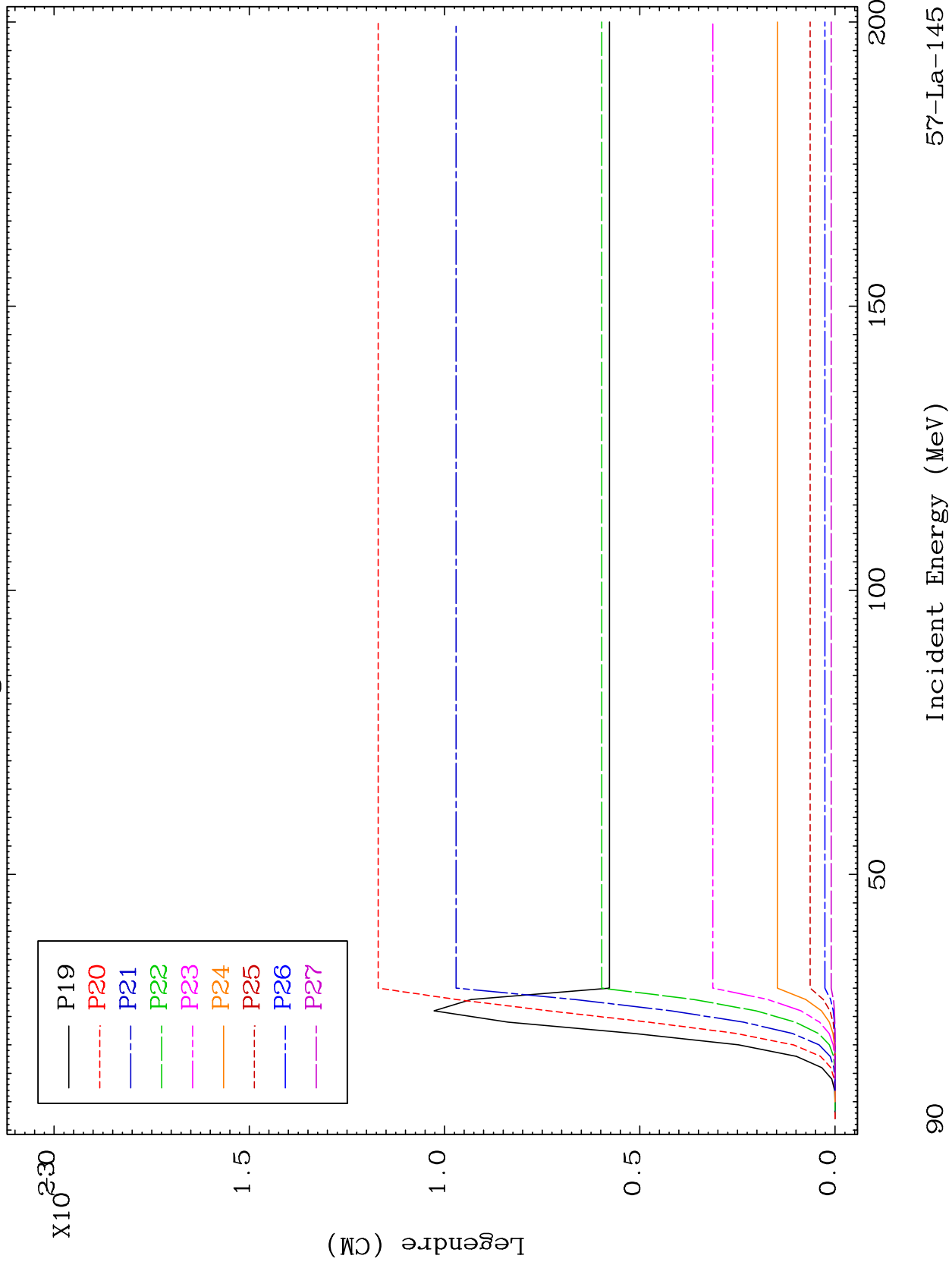
Incident Energy (MeV)

57-La-145

MAT 5746

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

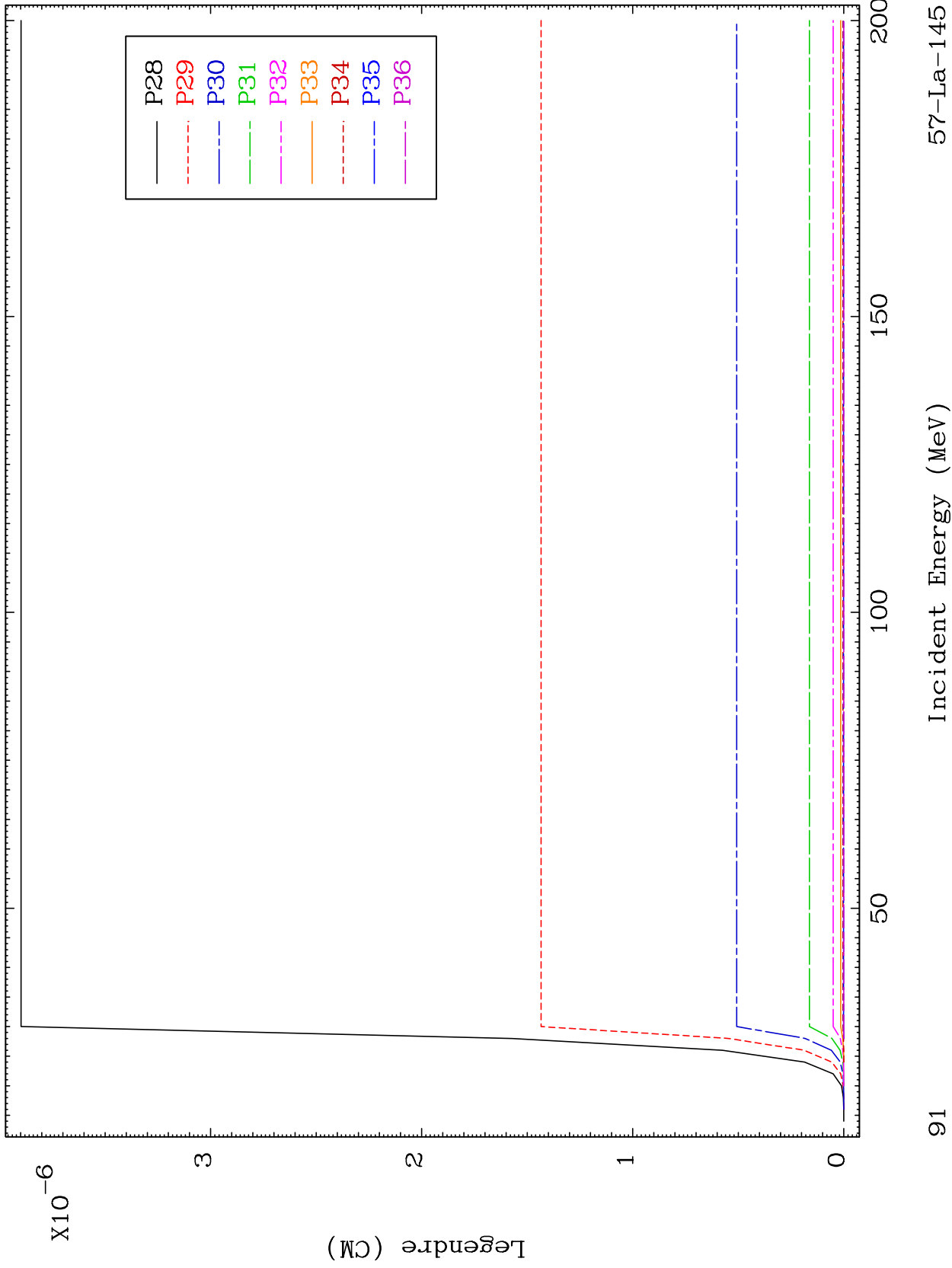
57-La-145



MAT 5746

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

57-La-145

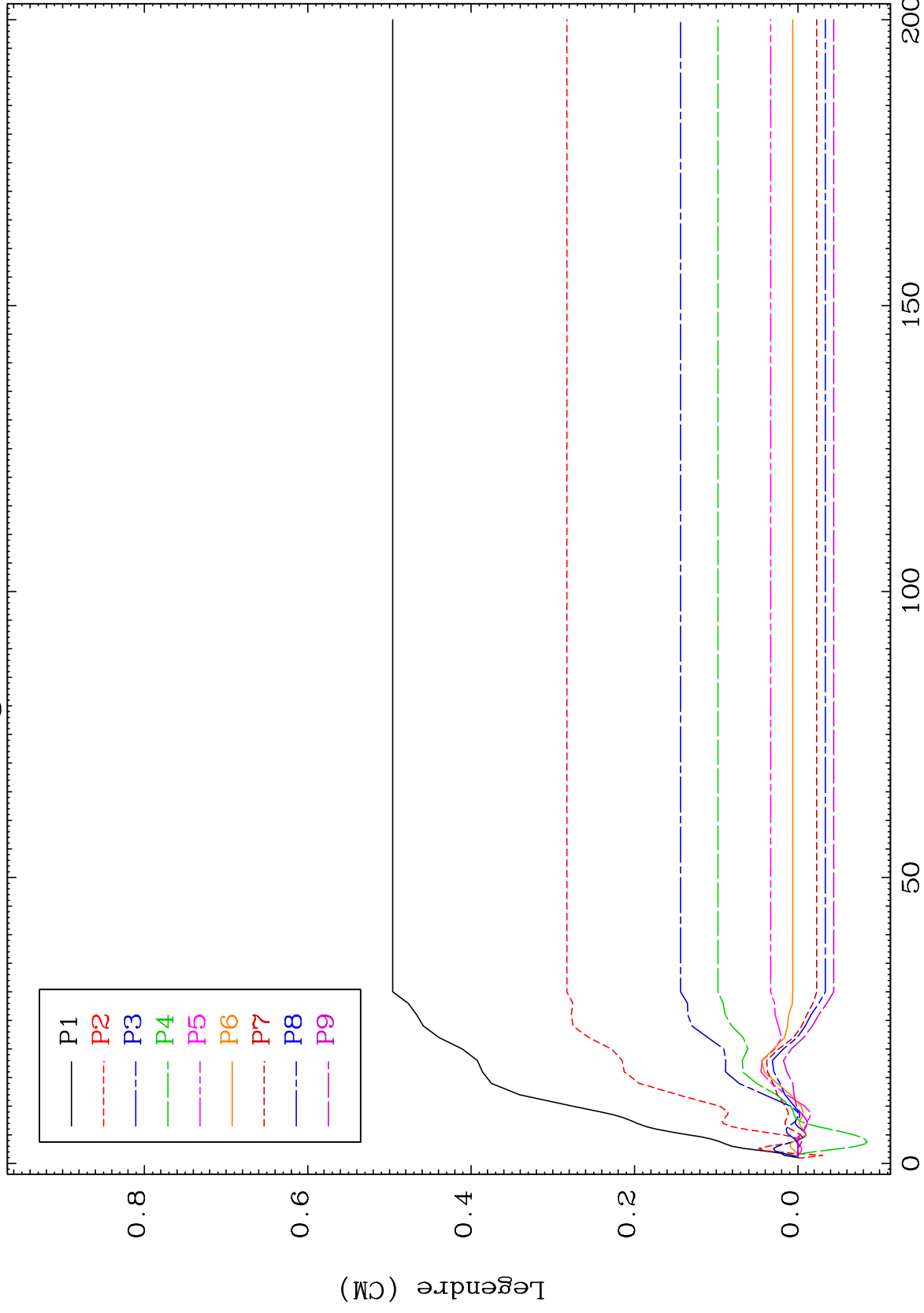


91

MAT 5746

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

57-La-145



92

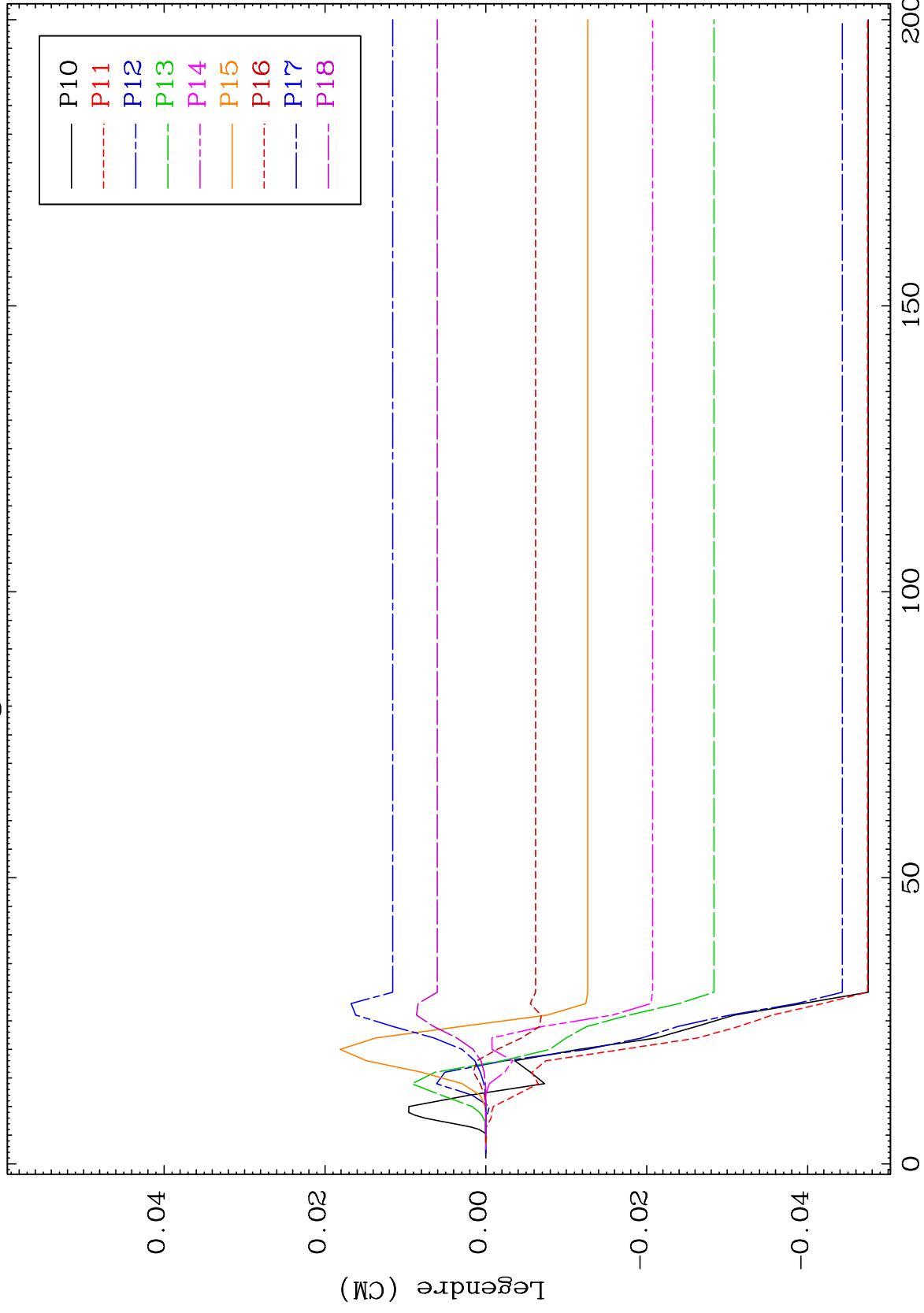
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



93

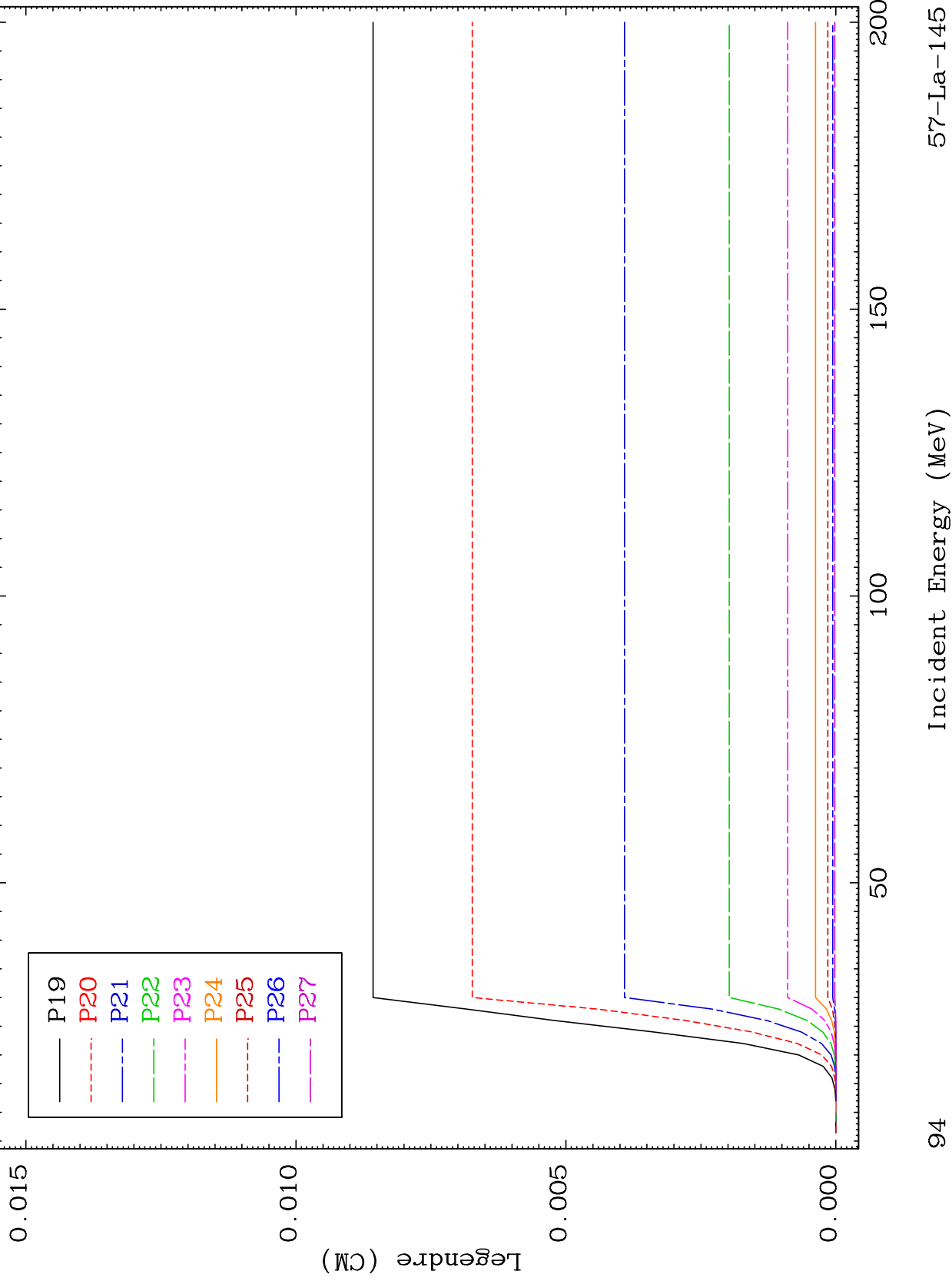
Incident Energy (MeV)

57-La-145

MAT 5746

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

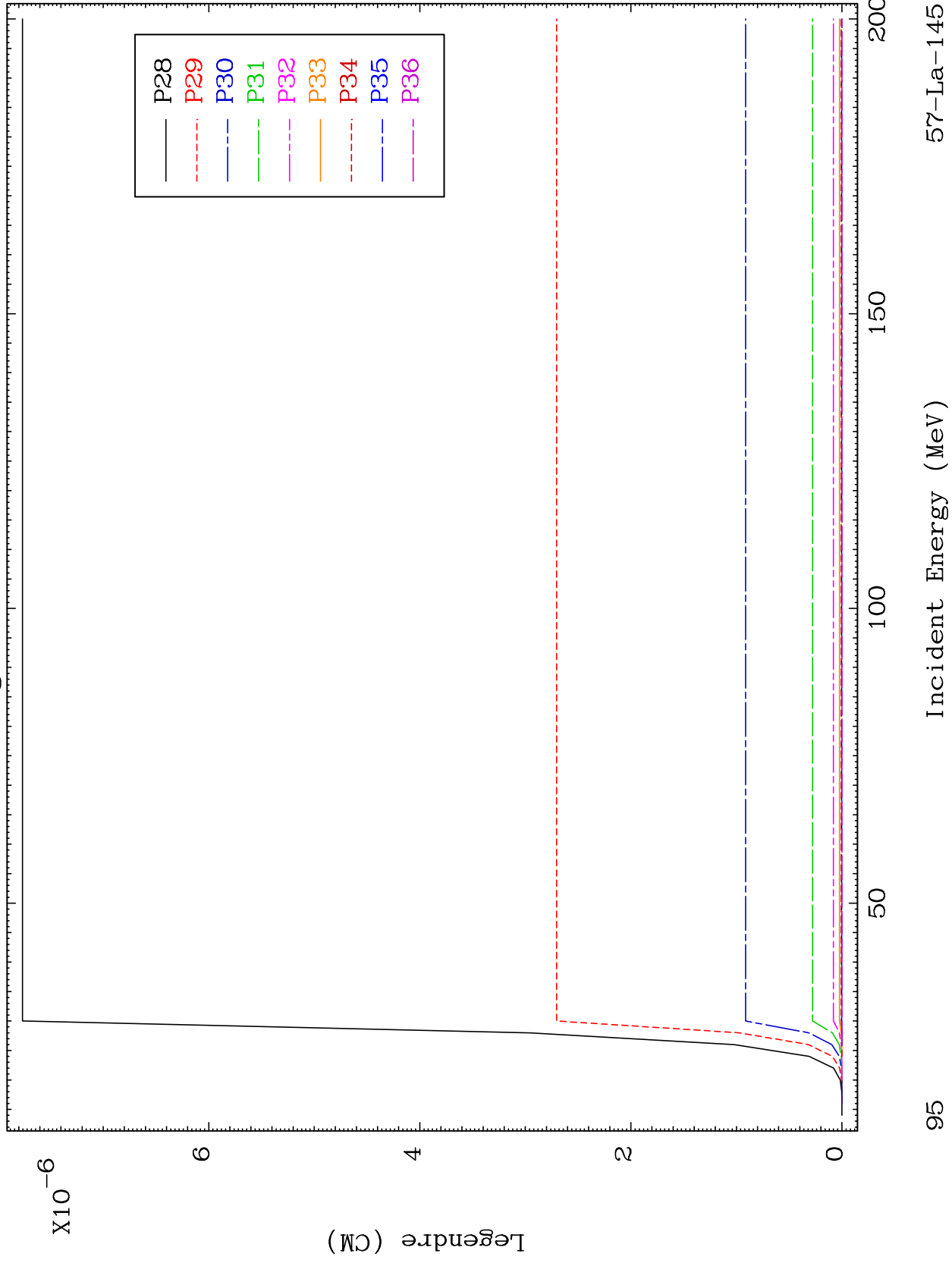
57-La-145



MAT 5746

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

57-La-145



95

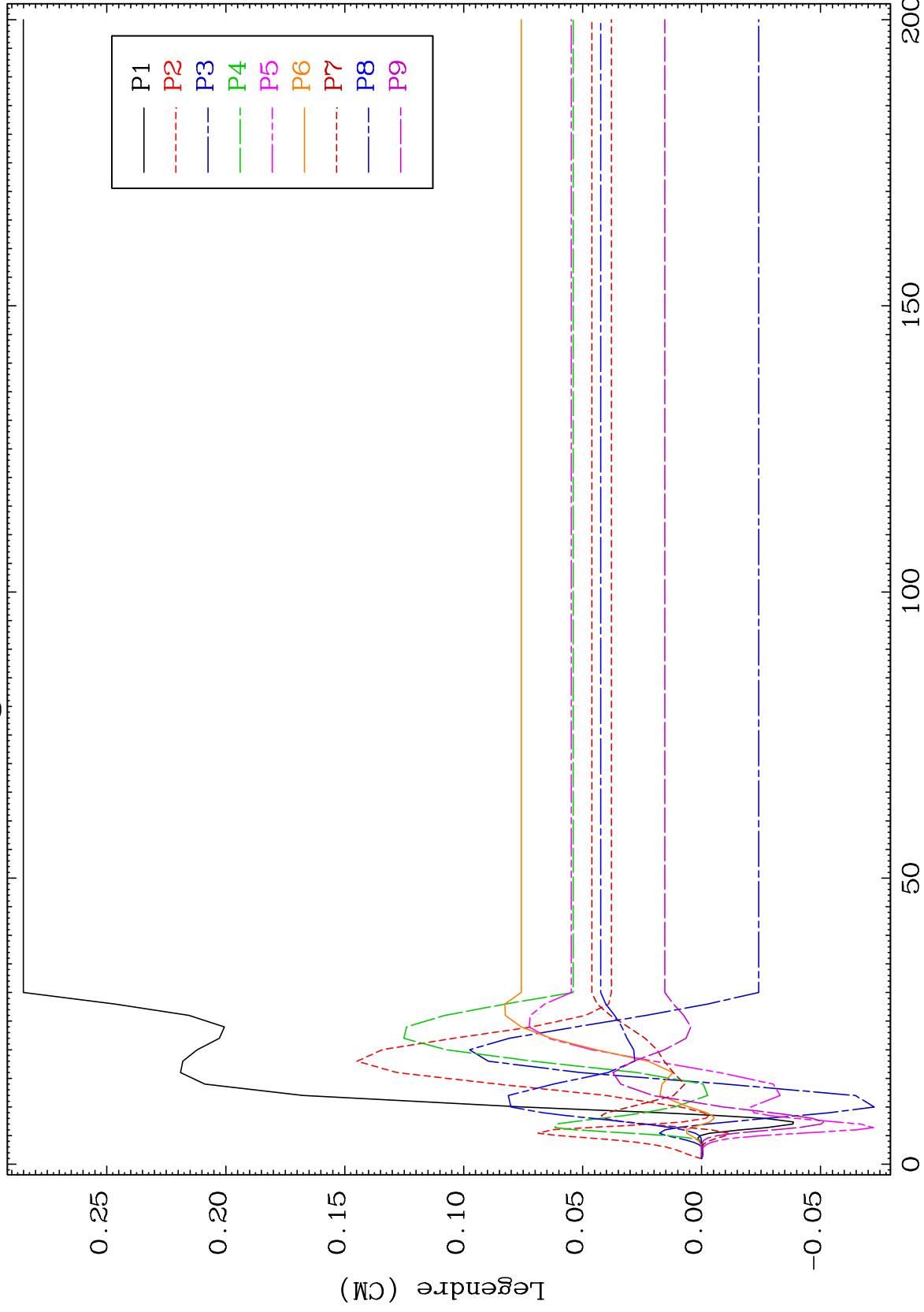
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



96

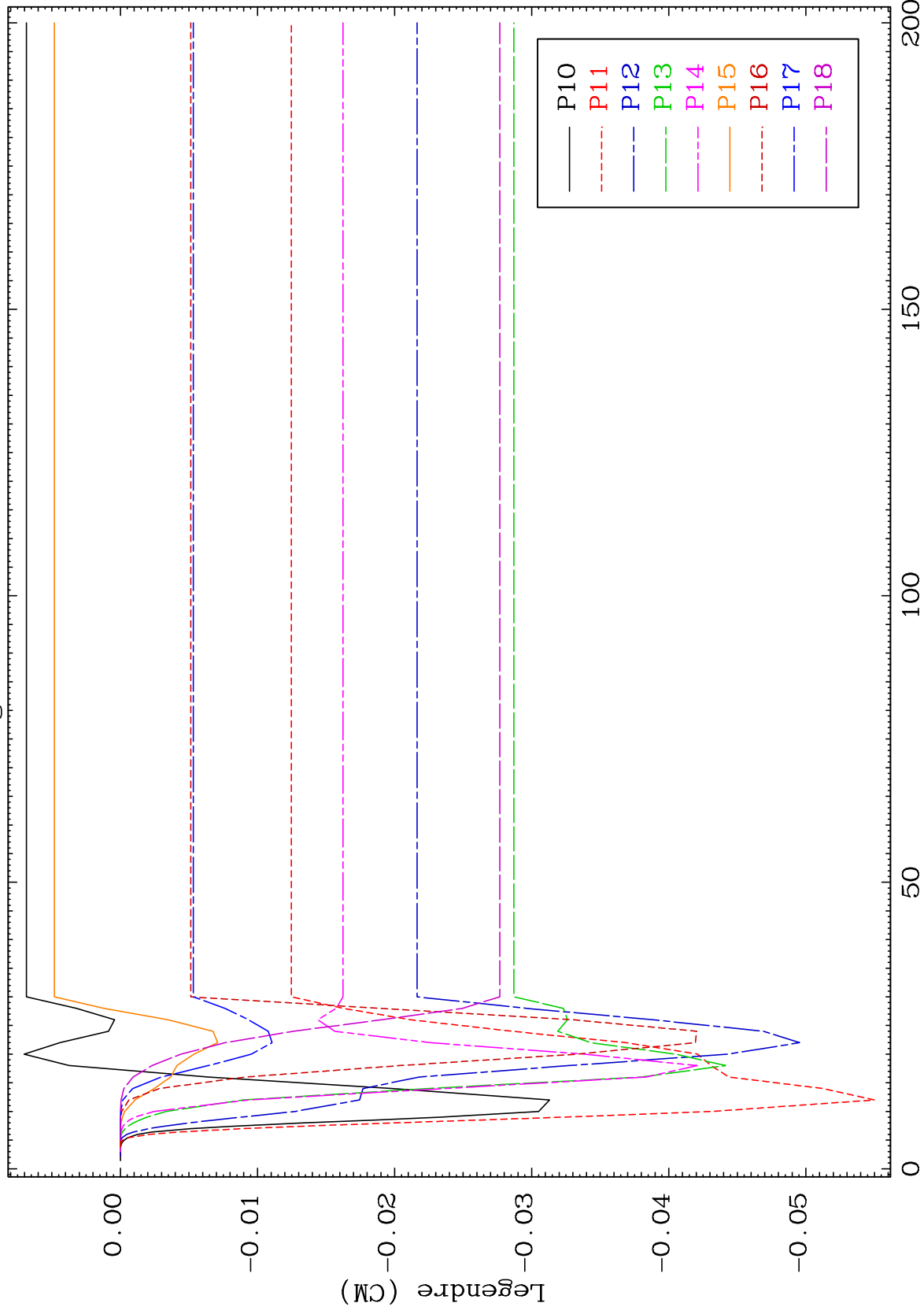
Incident Energy (MeV)

57-La-145

MAT 5746

57-La-145

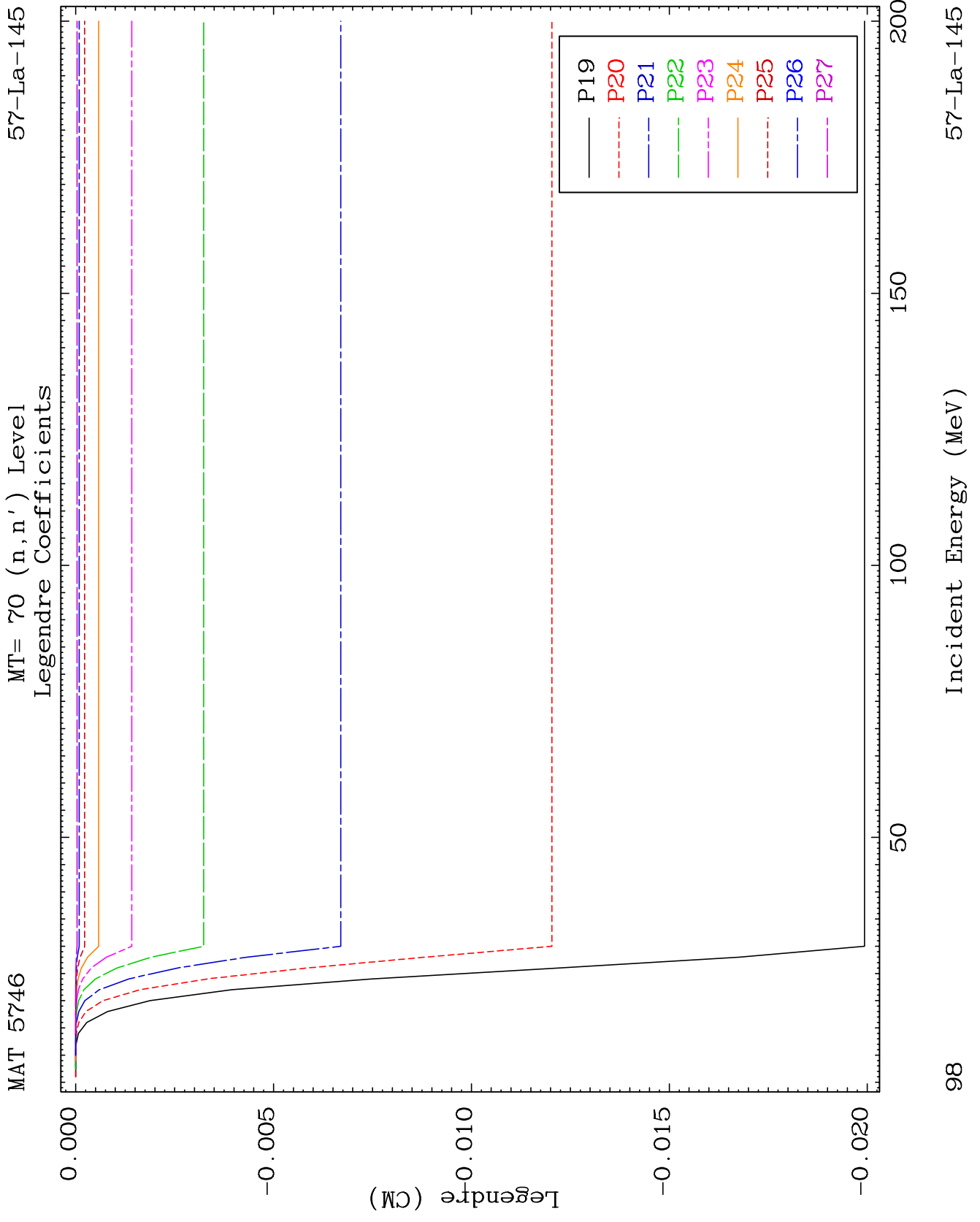
MT= 70 (n,n') Level
Legendre Coefficients

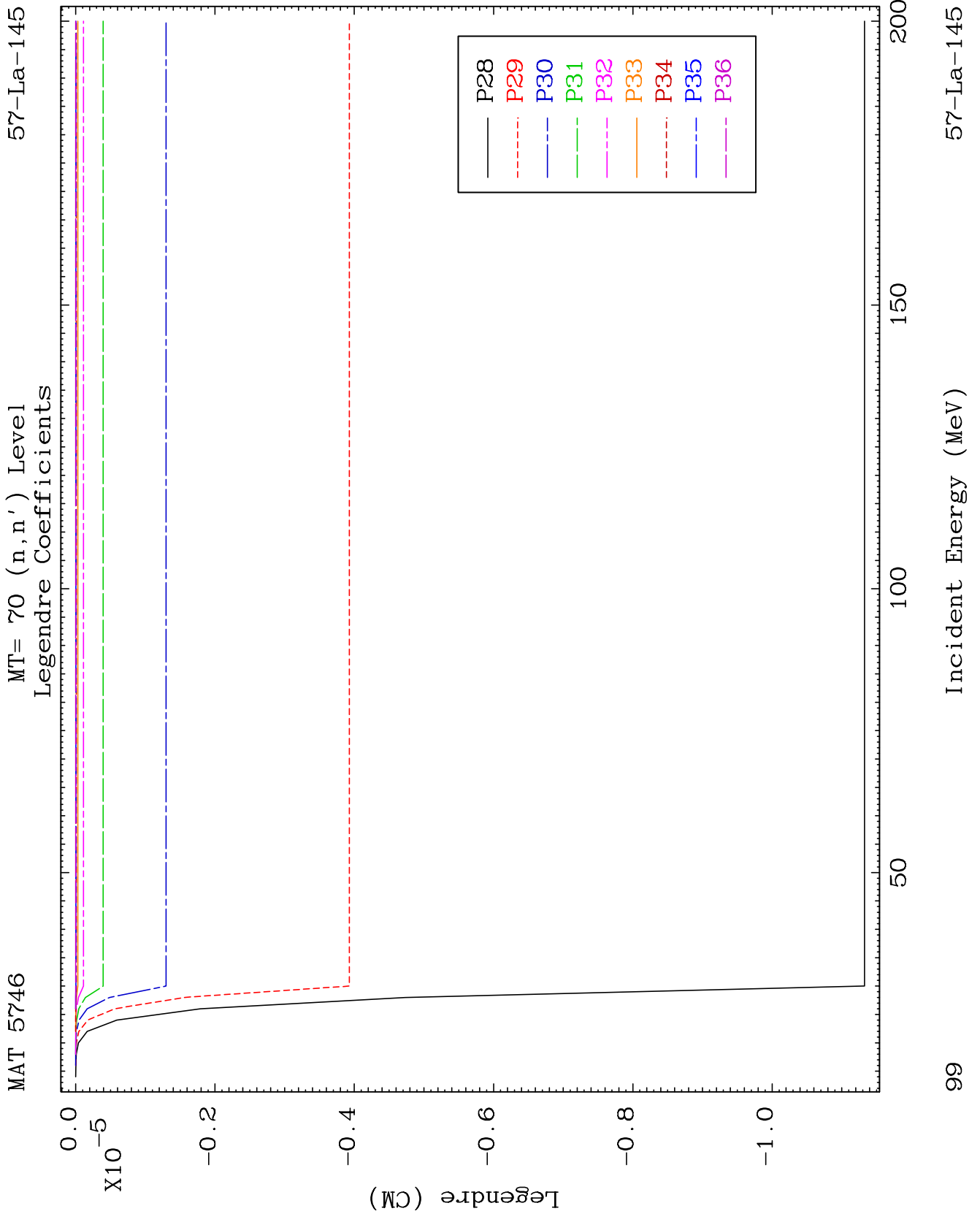


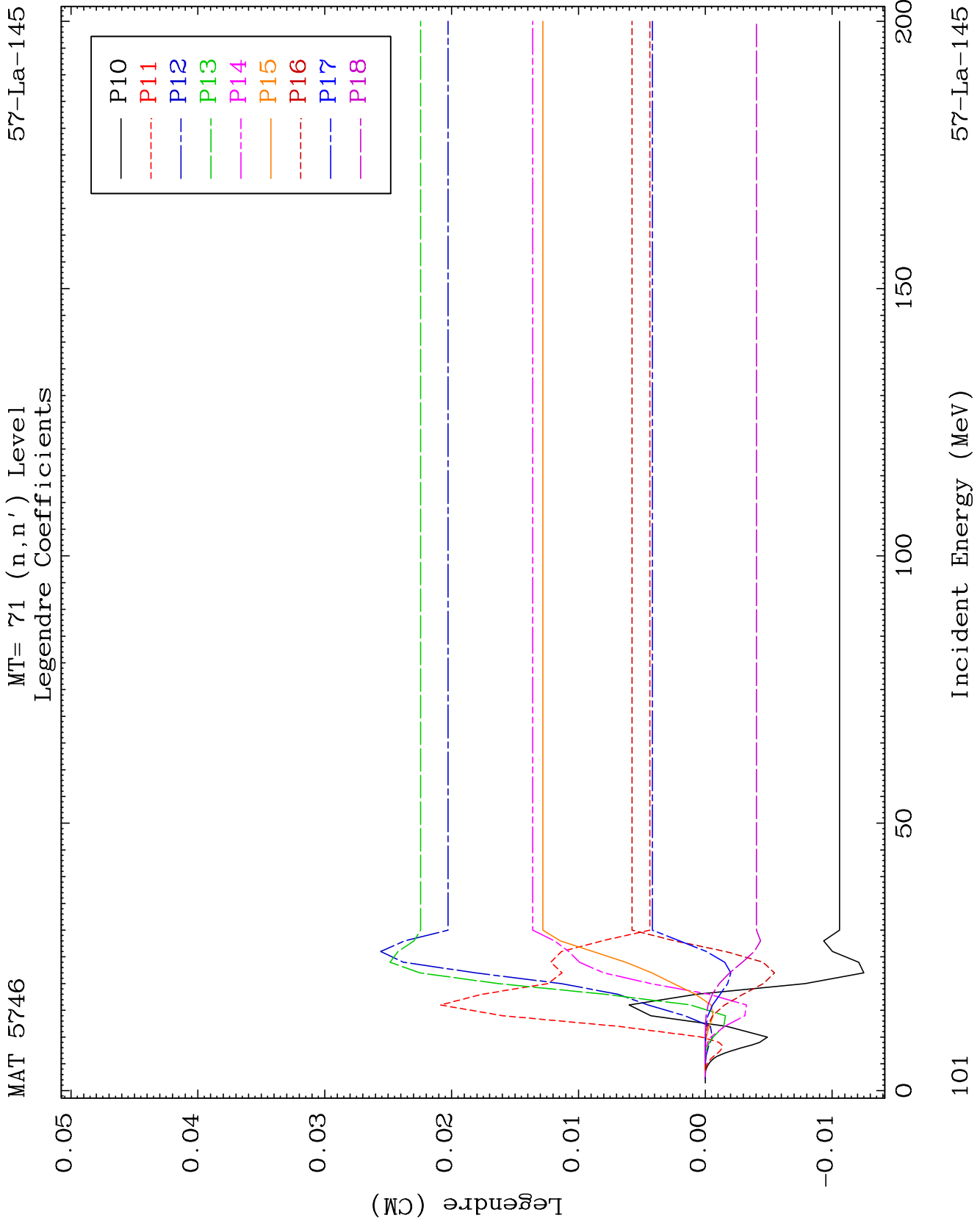
97

Incident Energy (MeV)

57-La-145



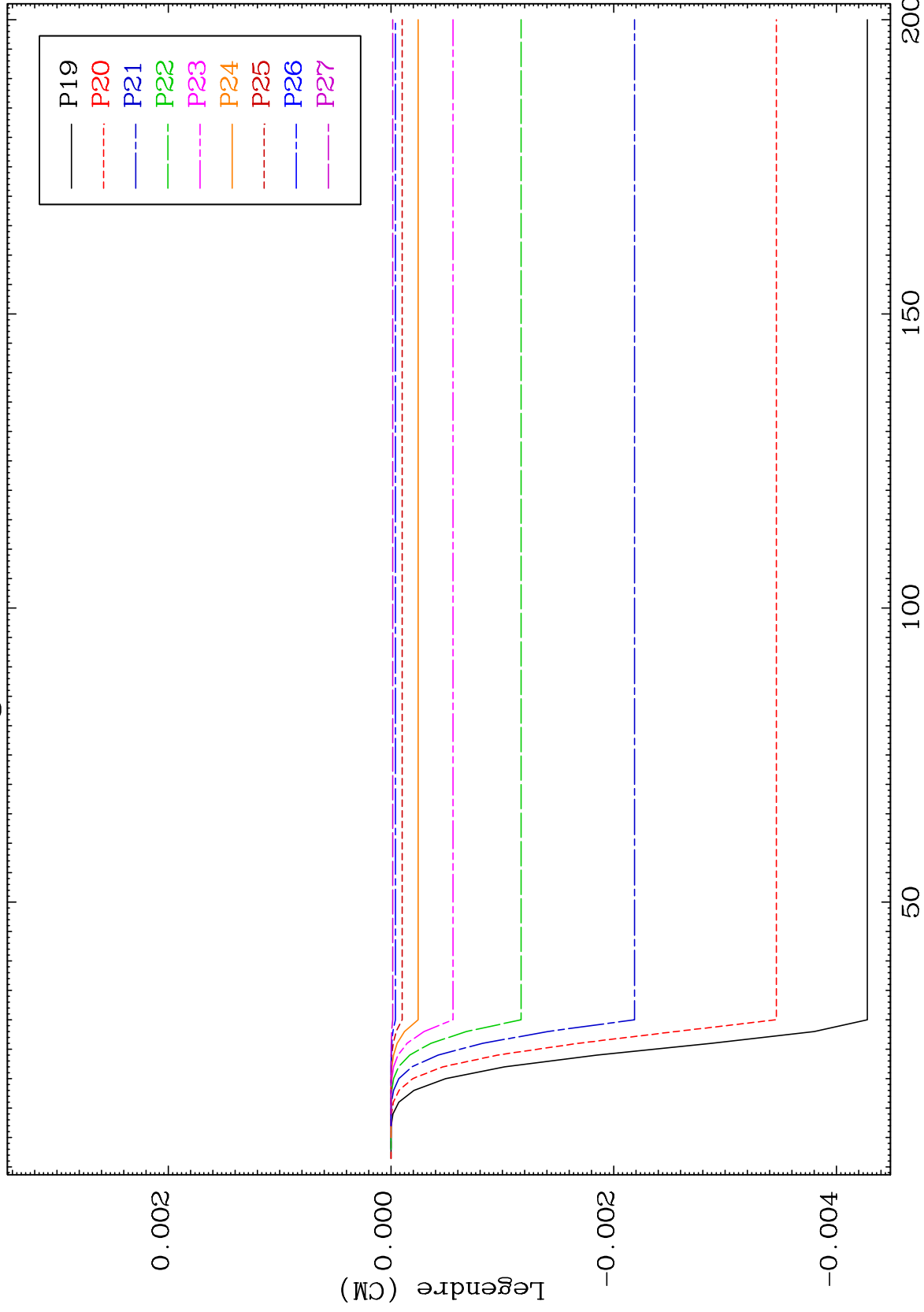




MAT 5746

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

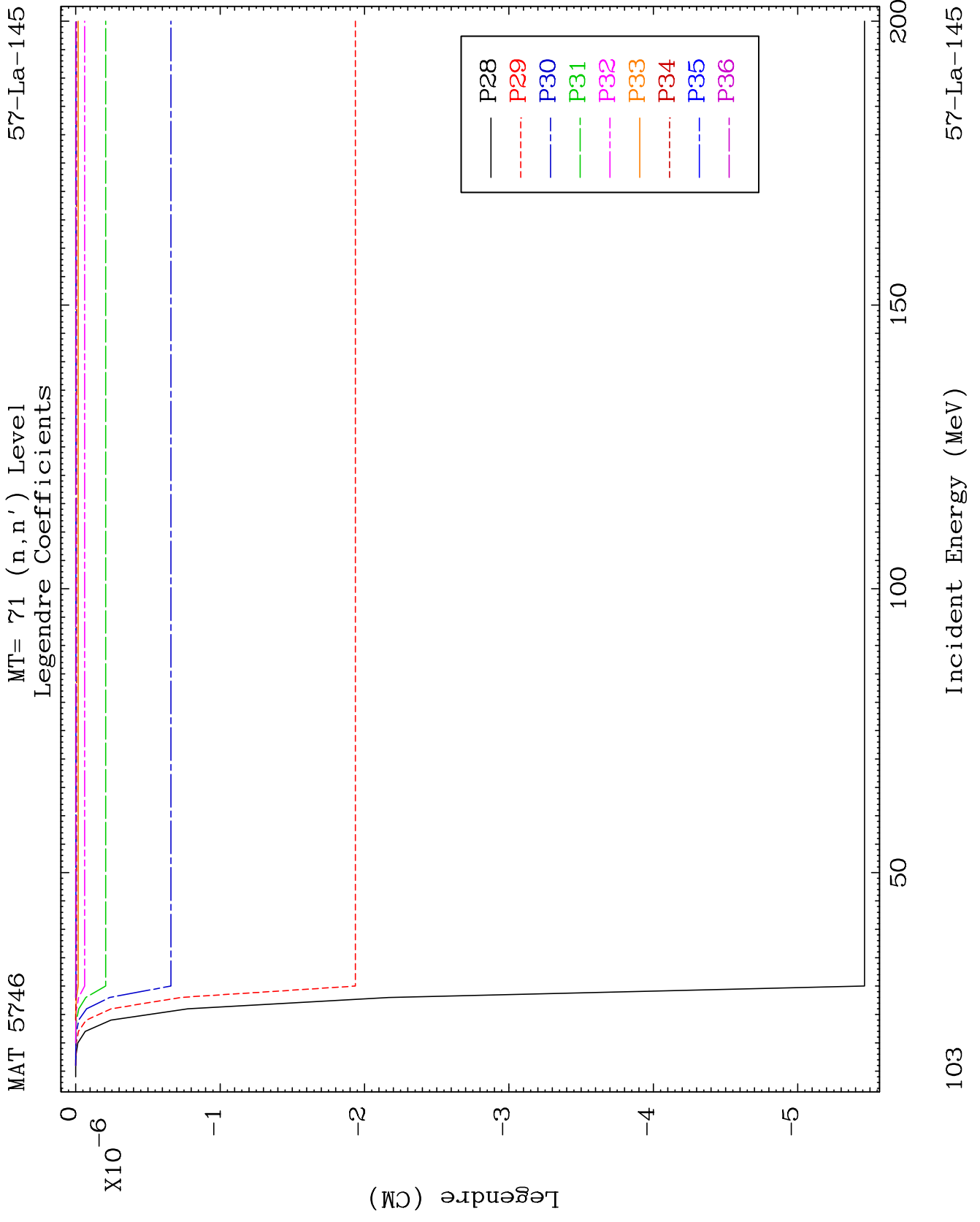
57-La-145



102

Incident Energy (MeV)

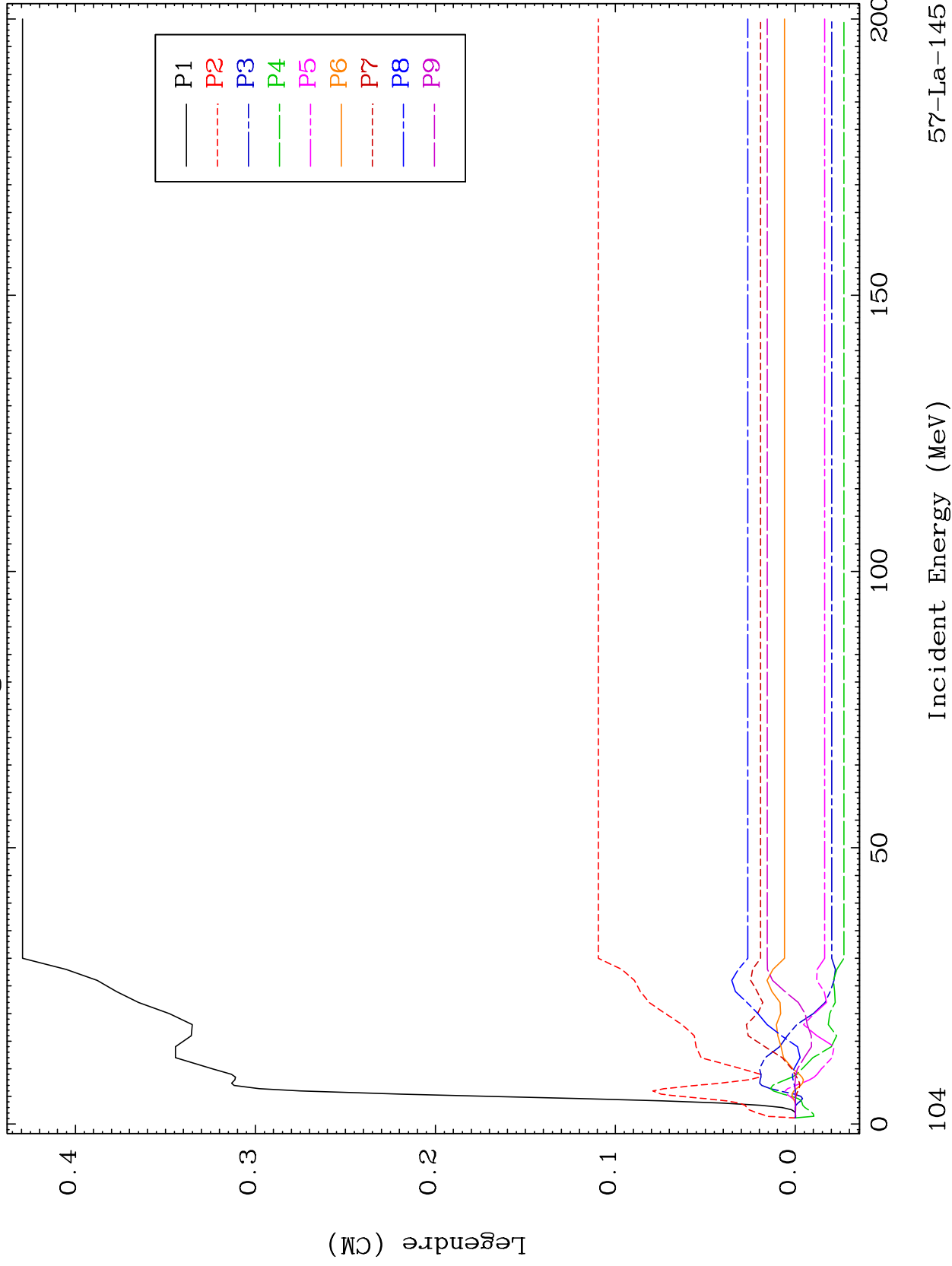
57-La-145



MAT 5746

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

57-La-145



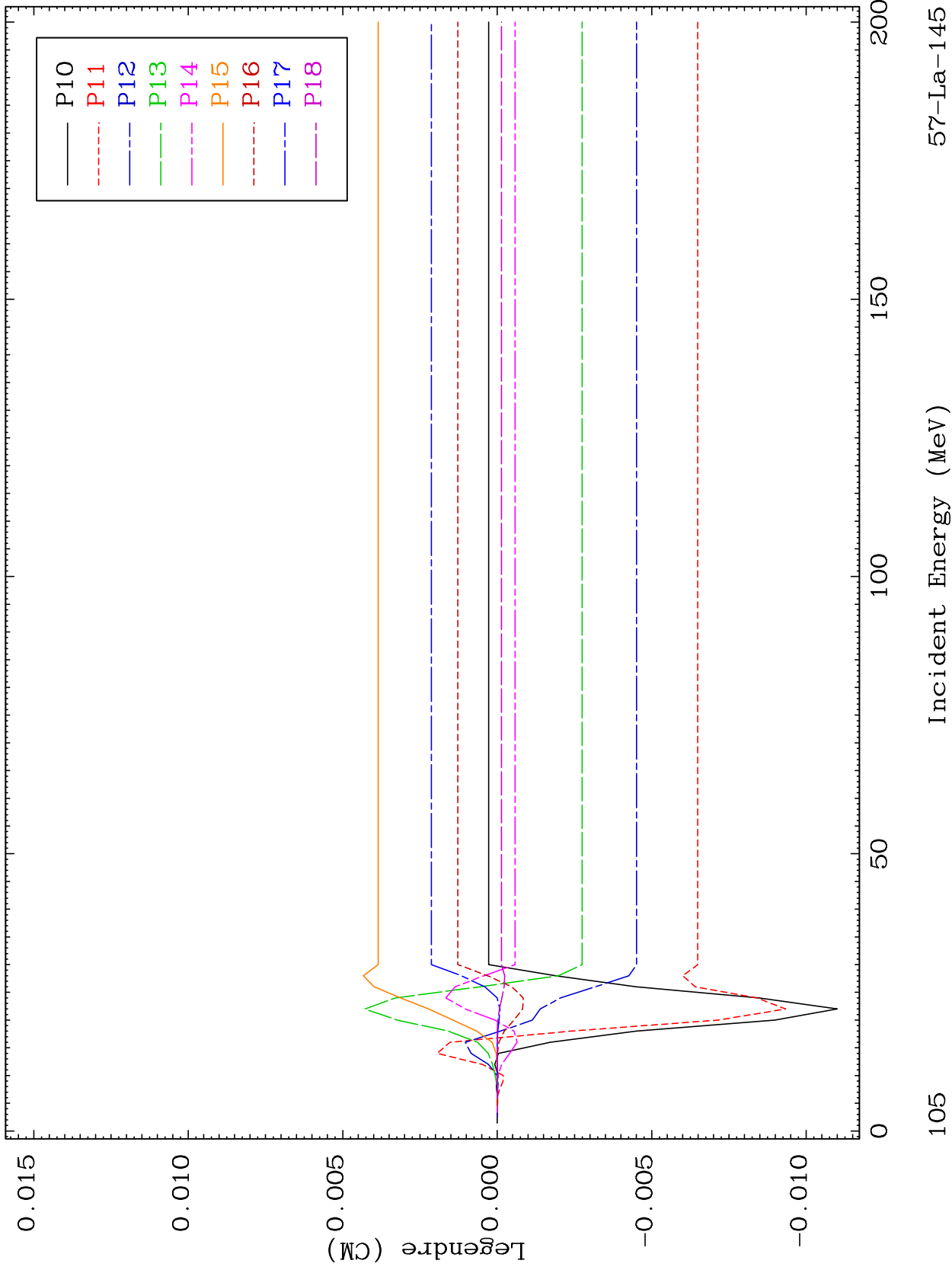
57-La-145

104

MAT 5746

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

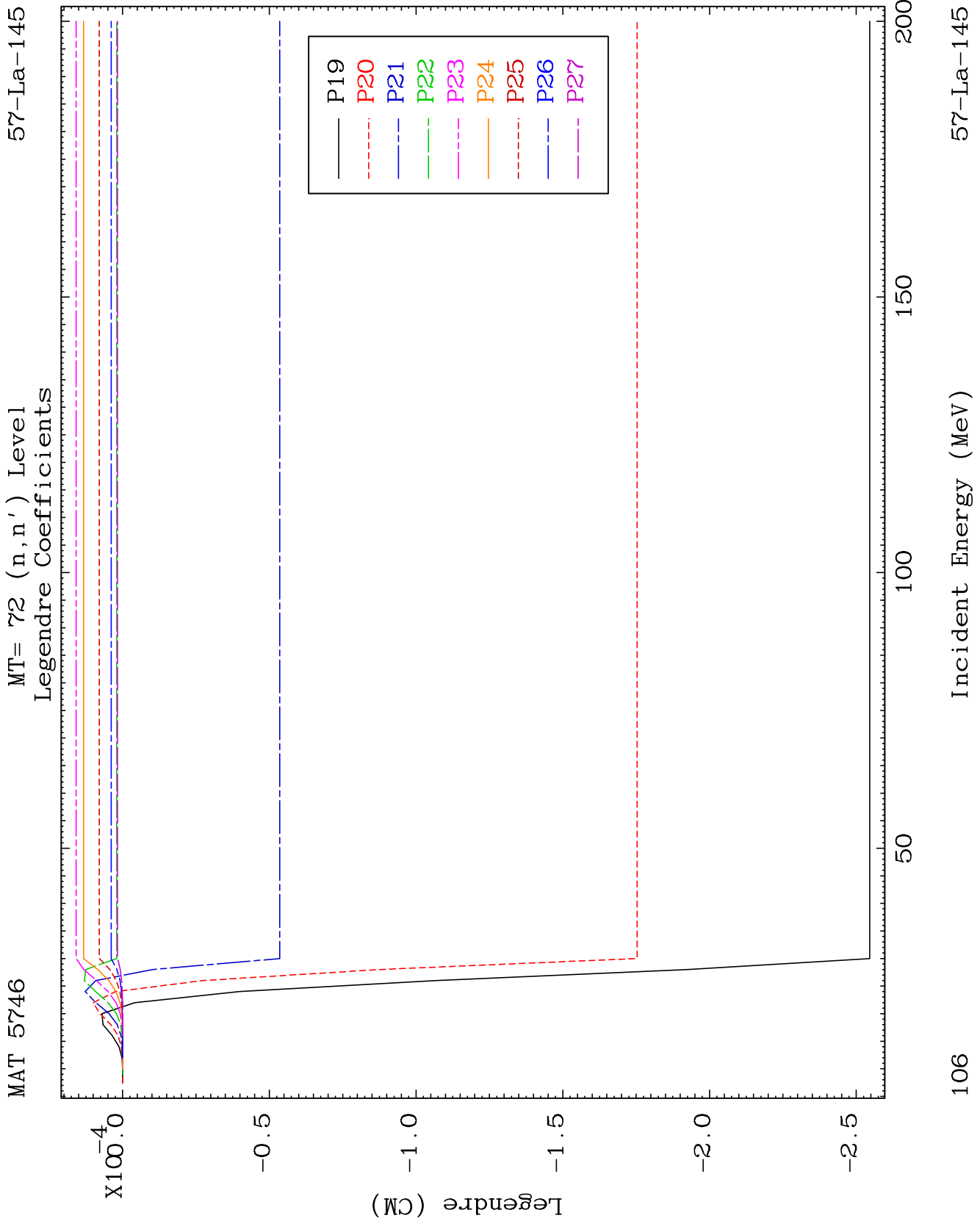
57-La-145



57-La-145

Incident Energy (MeV)

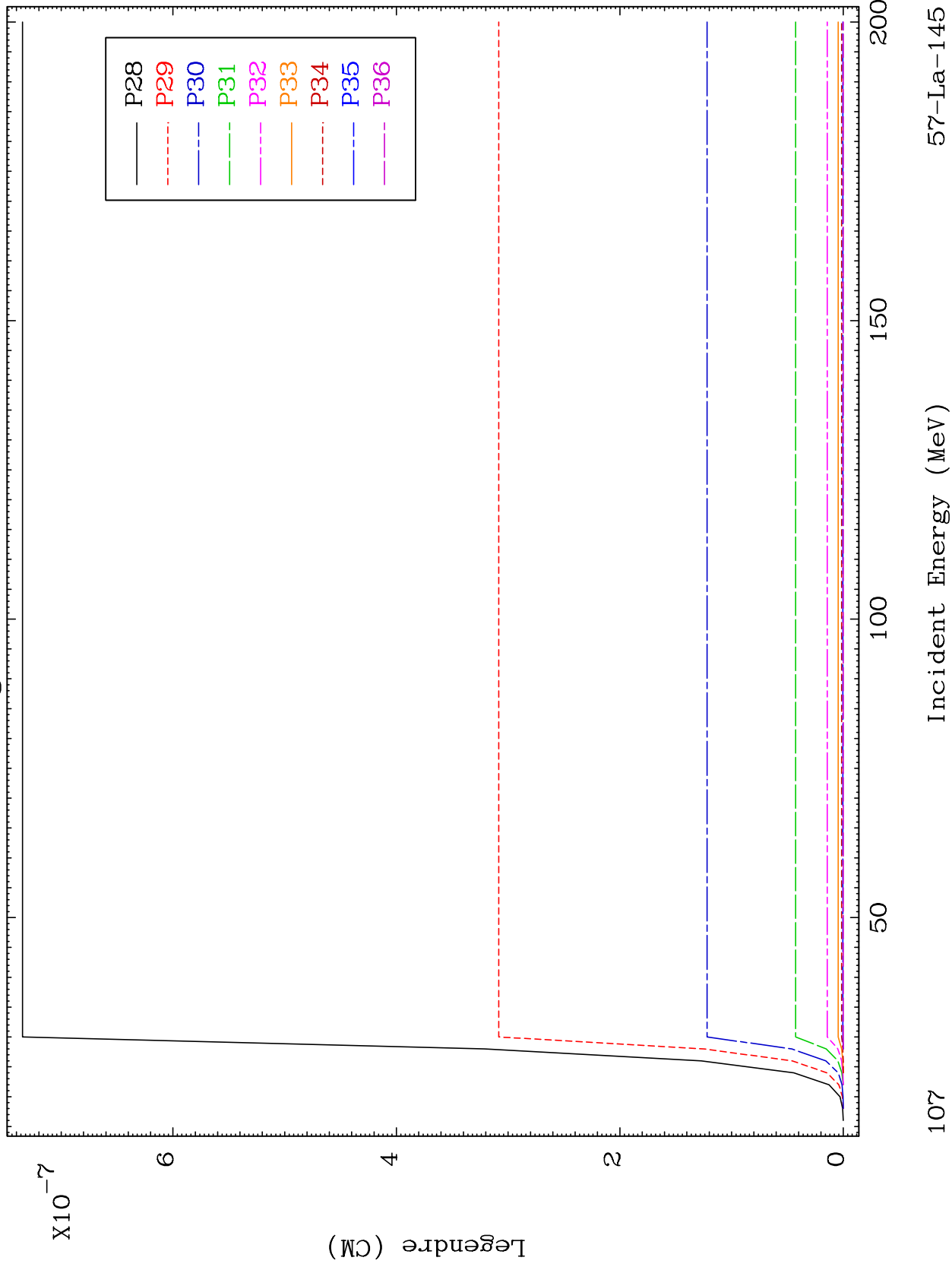
105



MAT 5746

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

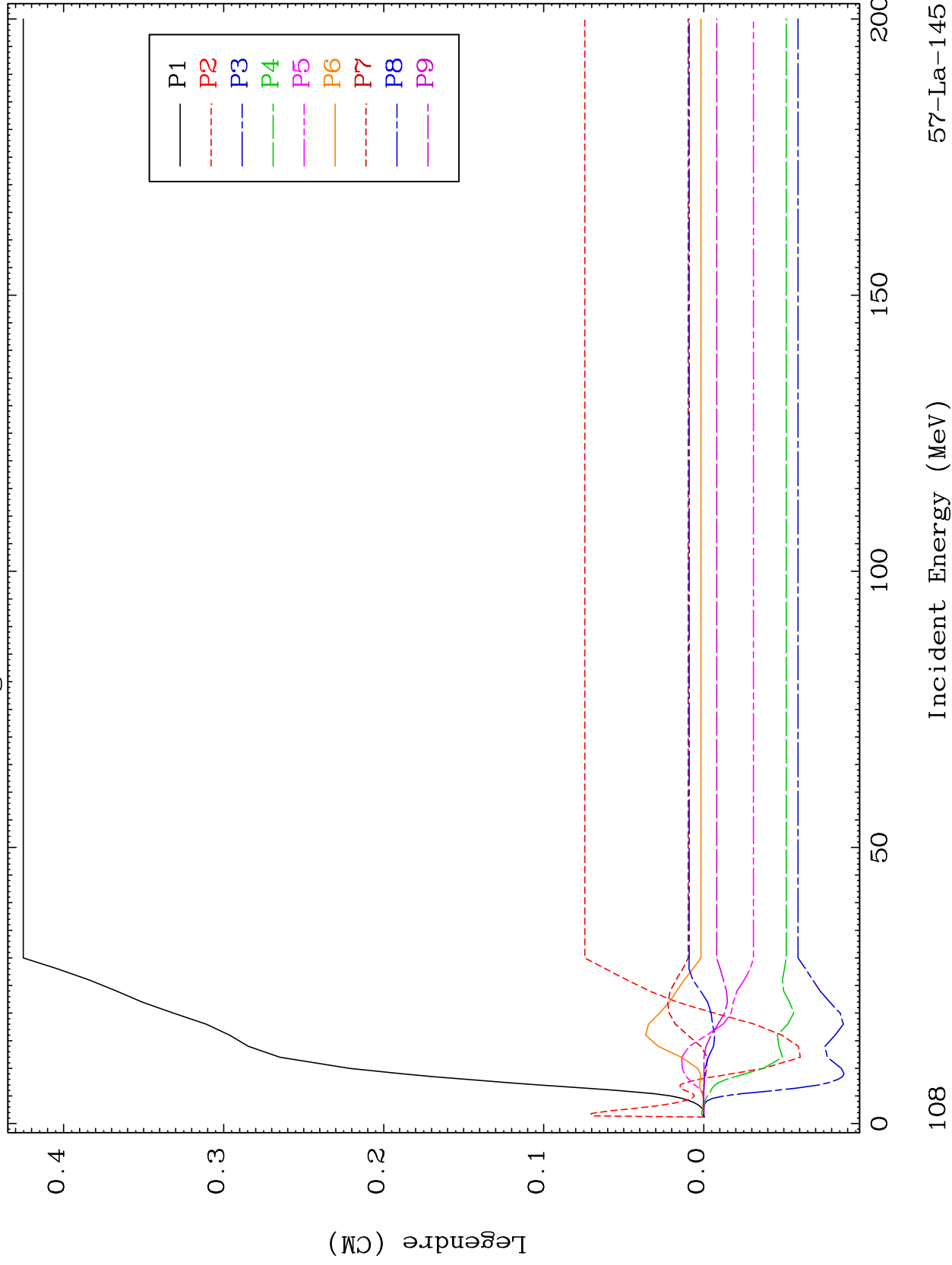
57-La-145



MAT 5746

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

57-La-145



57-La-145

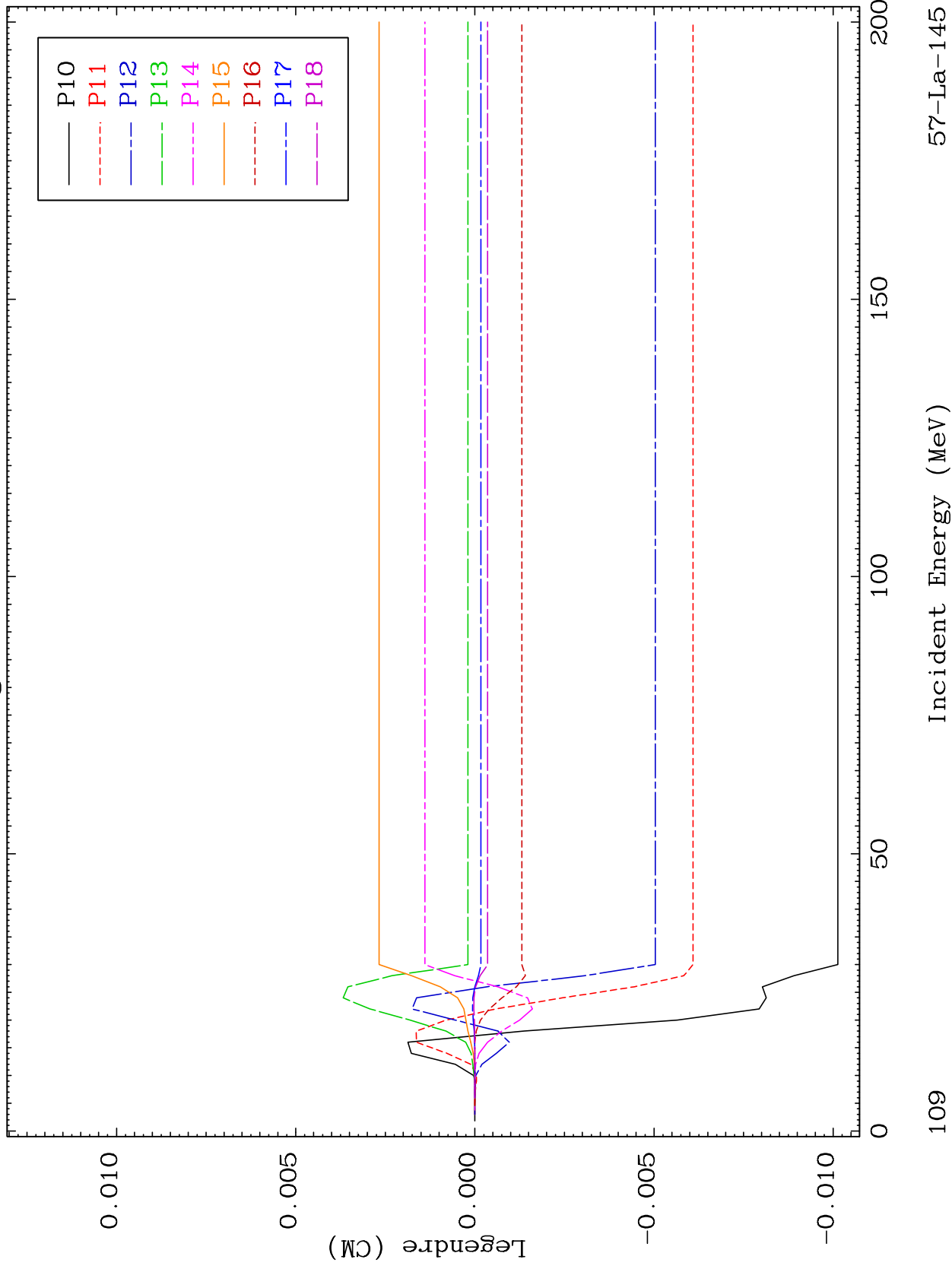
Incident Energy (MeV)

108

MAT 5746

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

57-La-145



57-La-145

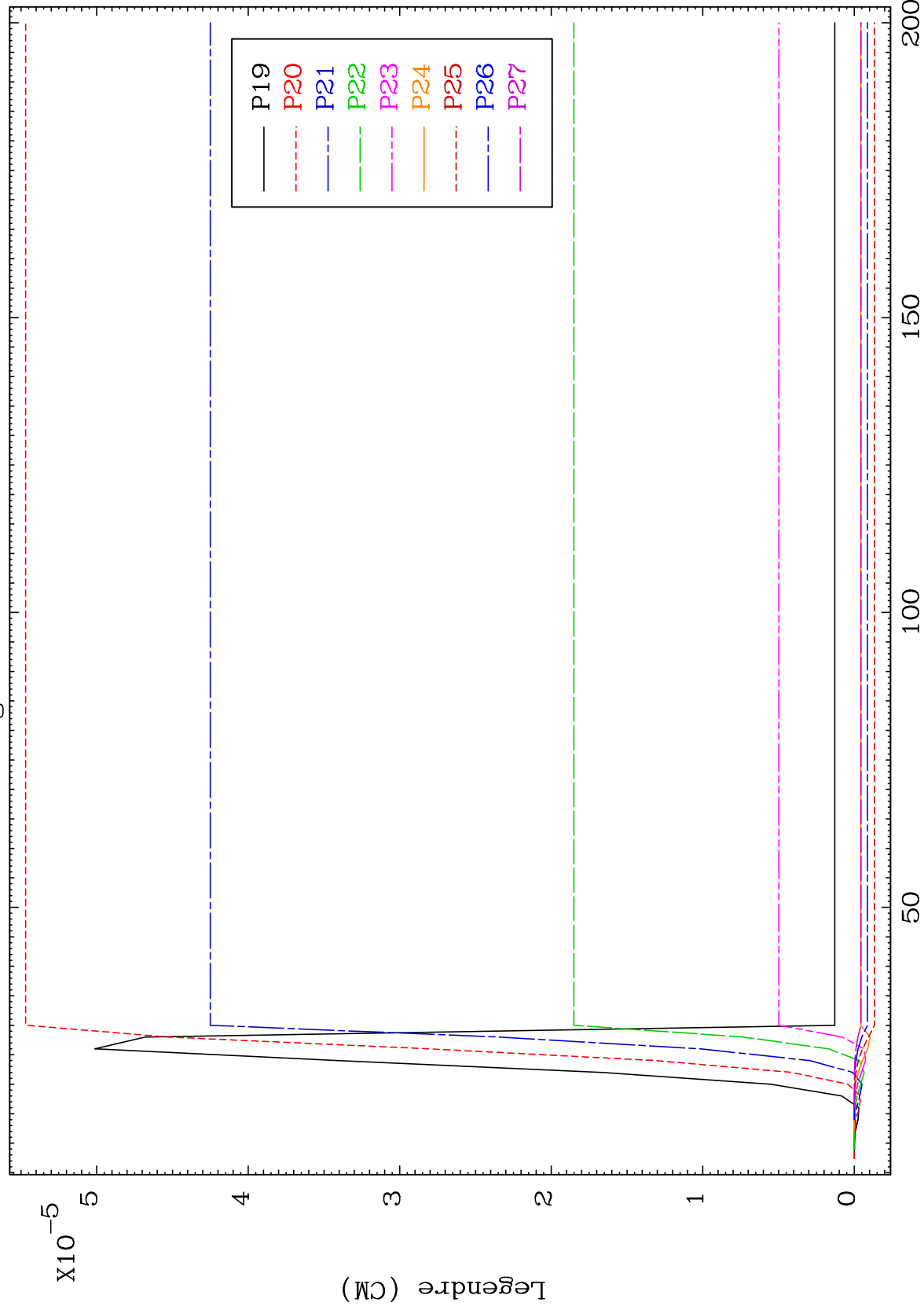
Incident Energy (MeV)

109

MAT 5746

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

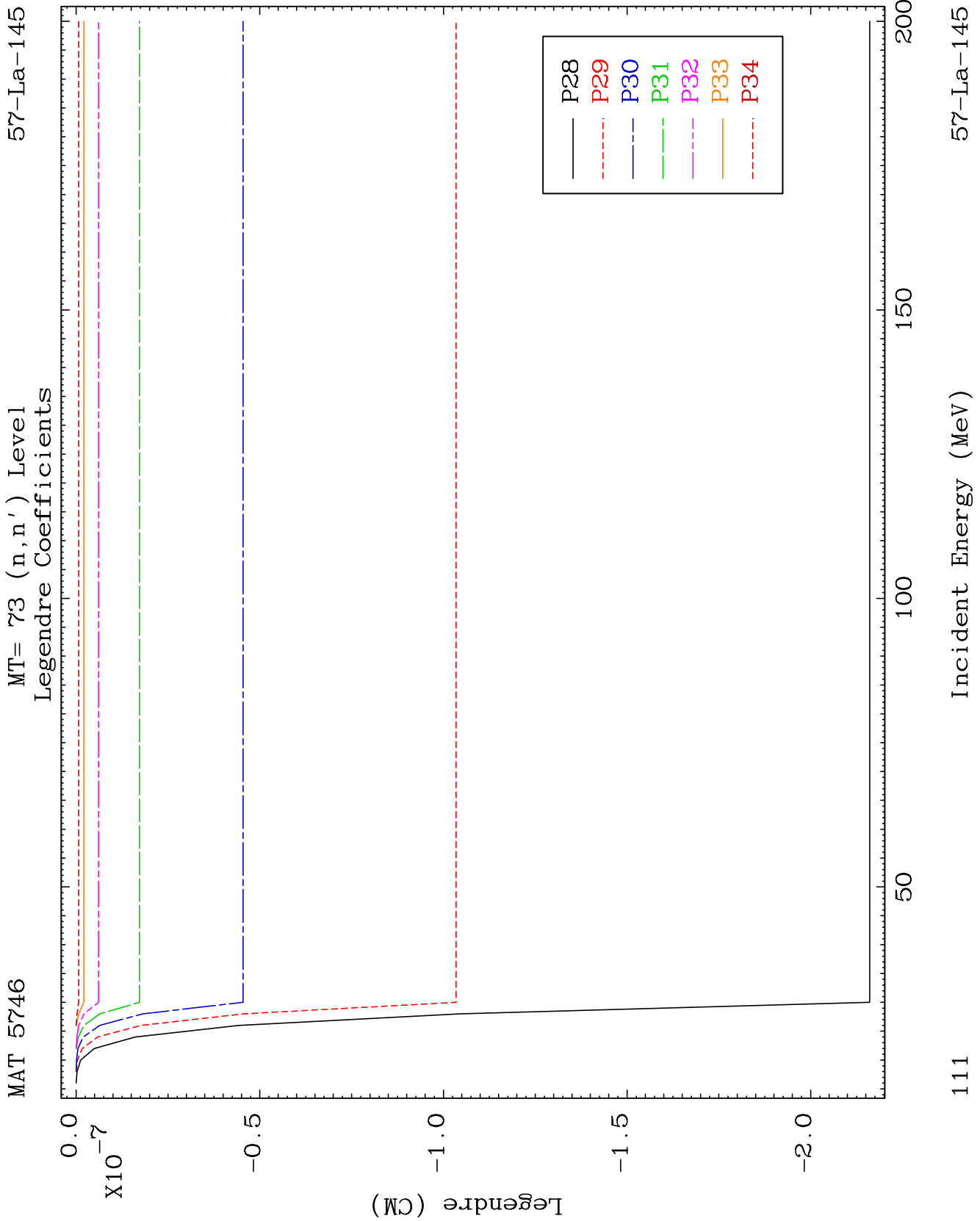
57-La-145



57-La-145

Incident Energy (MeV)

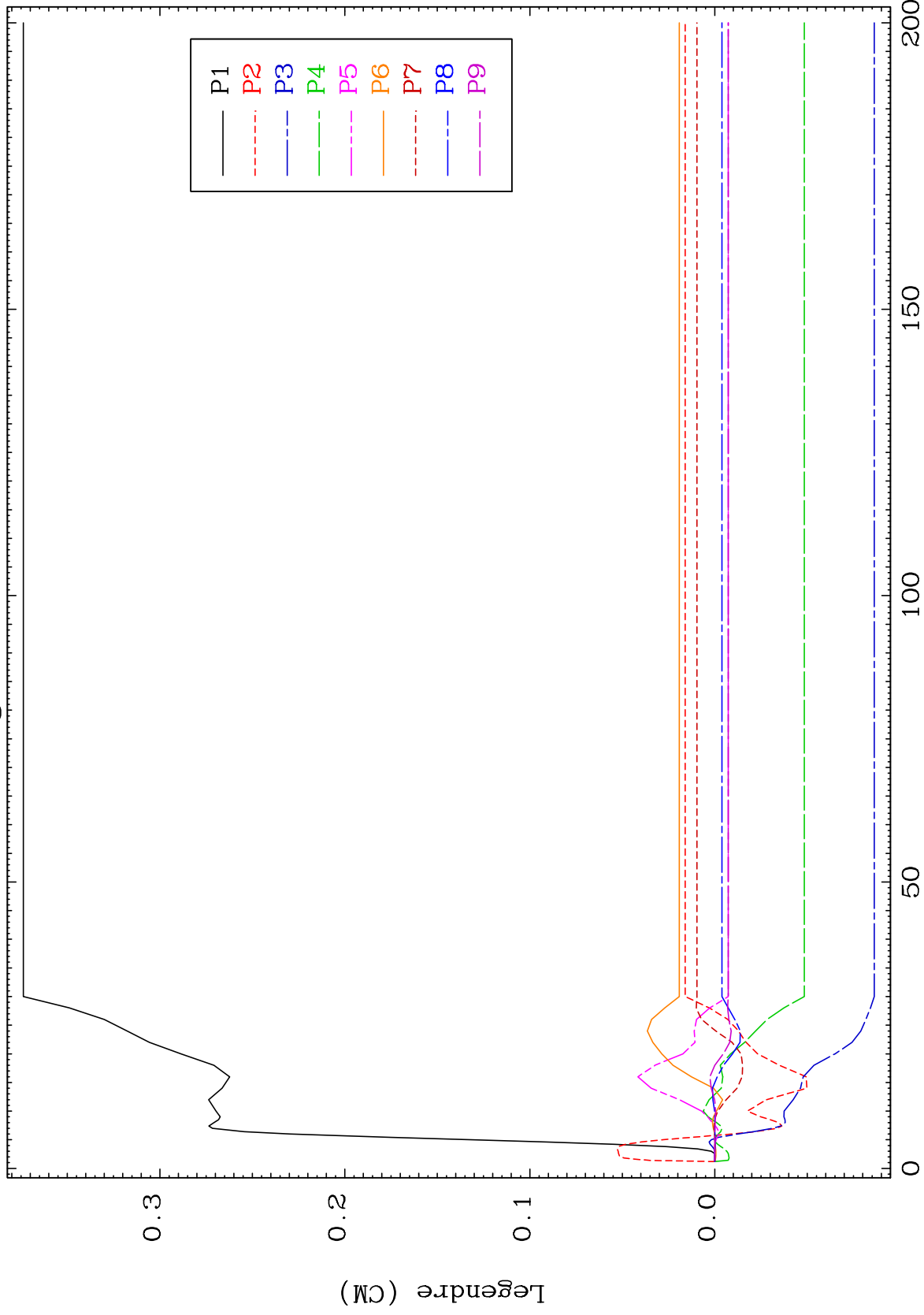
110



MAT 5746

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

57-La-145



57-La-145

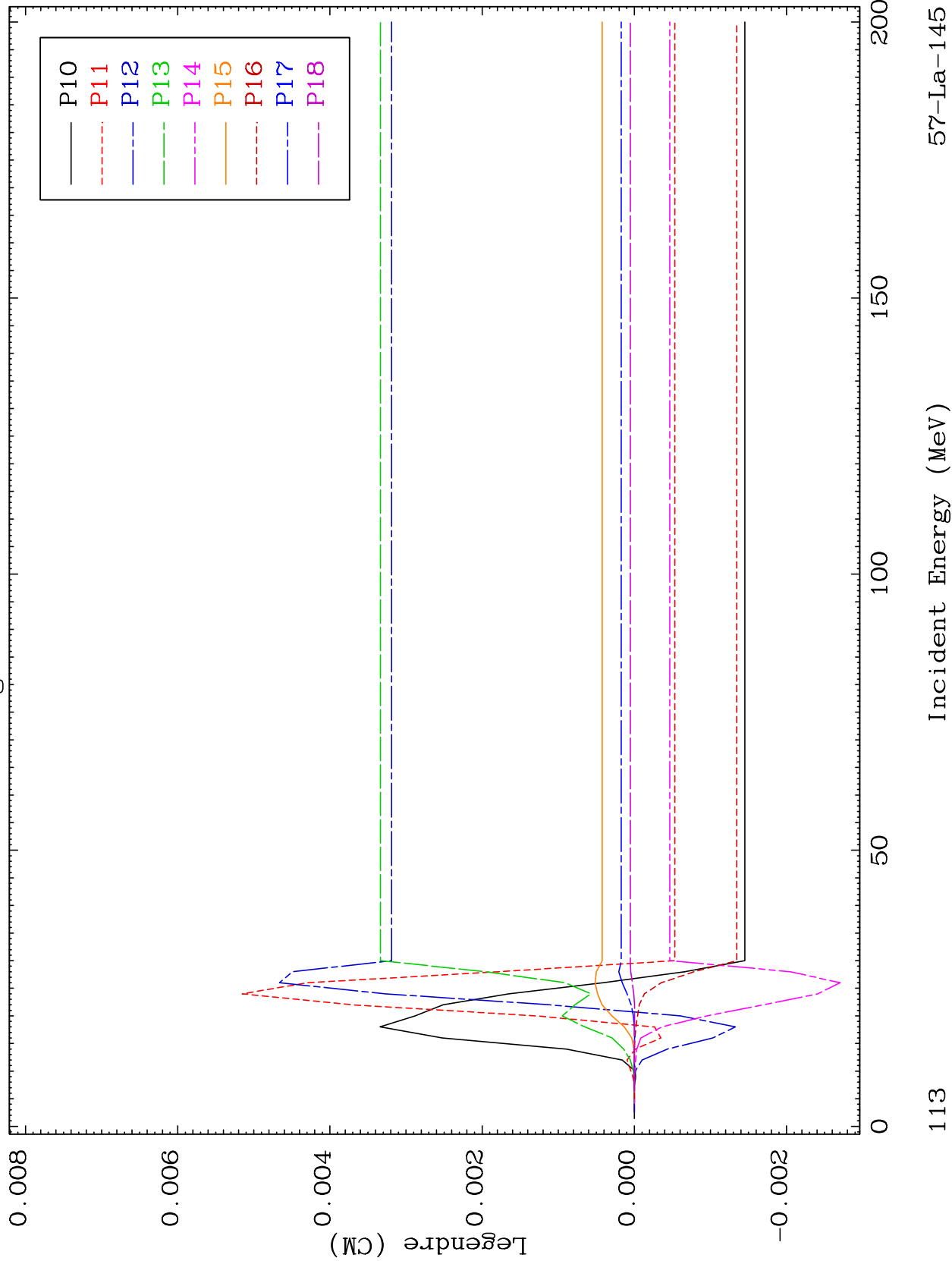
Incident Energy (MeV)

112

MAT 5746

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

57-La-145



57-La-145

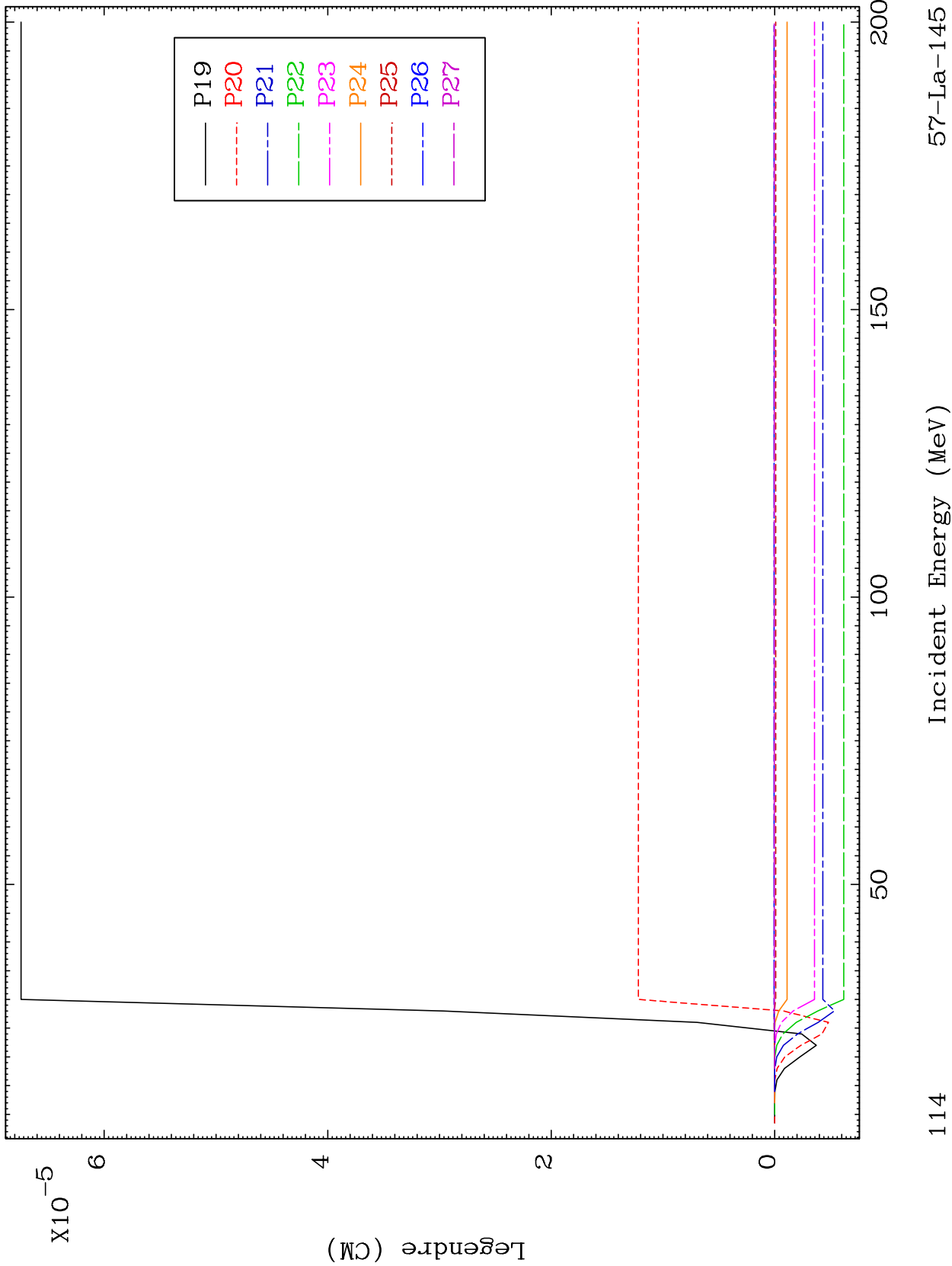
Incident Energy (MeV)

113

MAT 5746

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

57-La-145



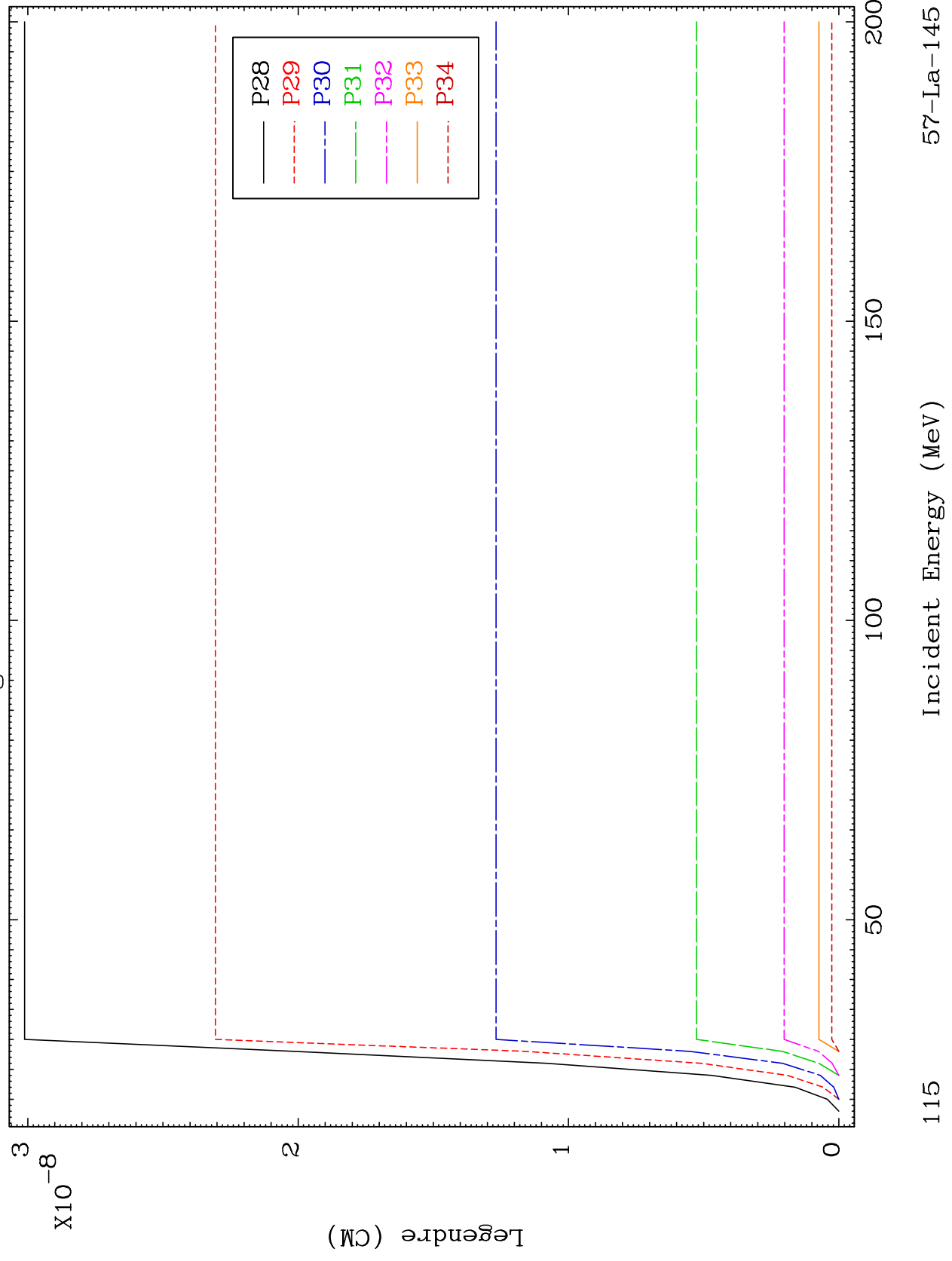
114

57-La-145

MAT 5746

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

57-La-145



57-La-145

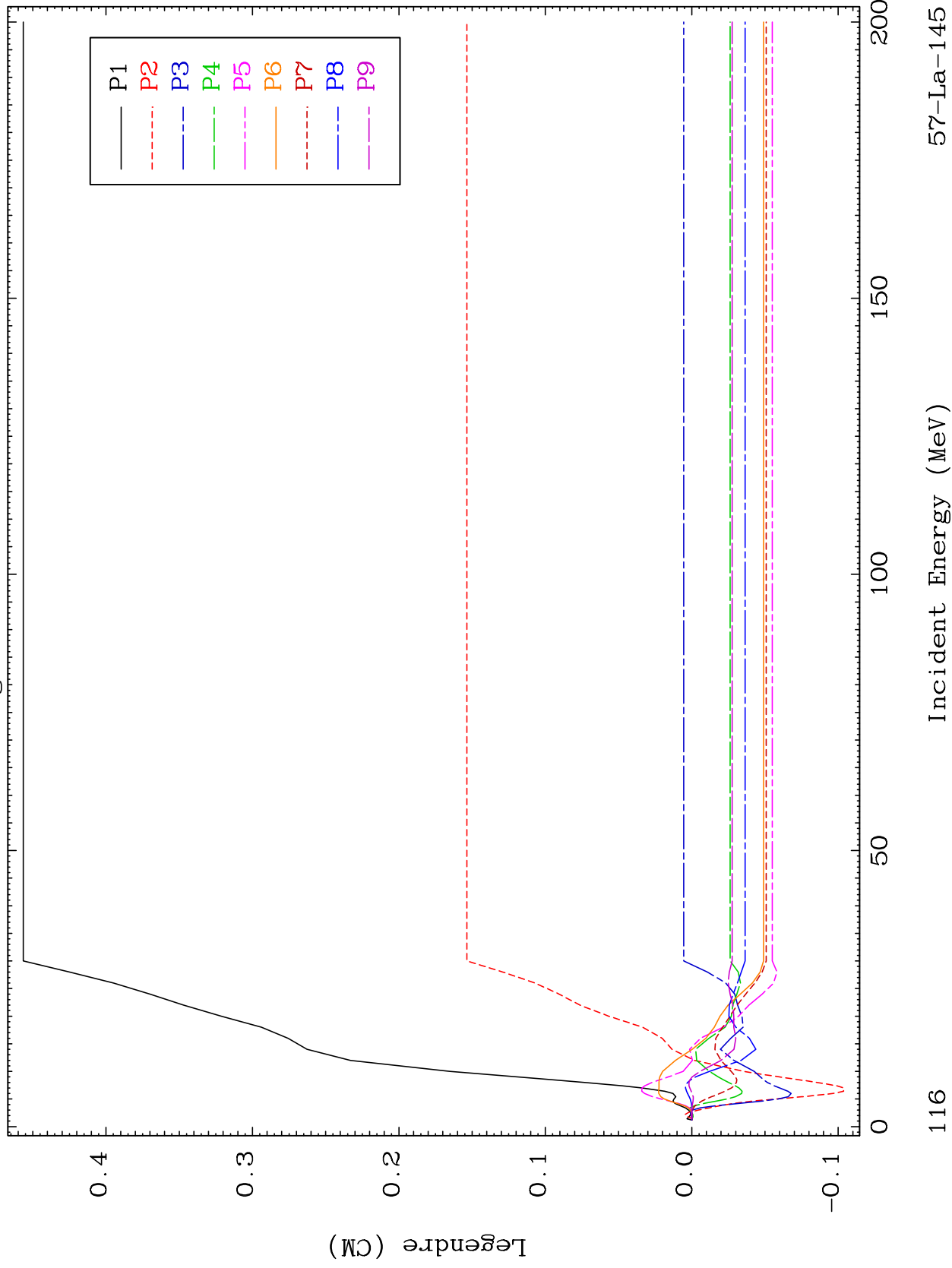
Incident Energy (MeV)

115

MAT 5746

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

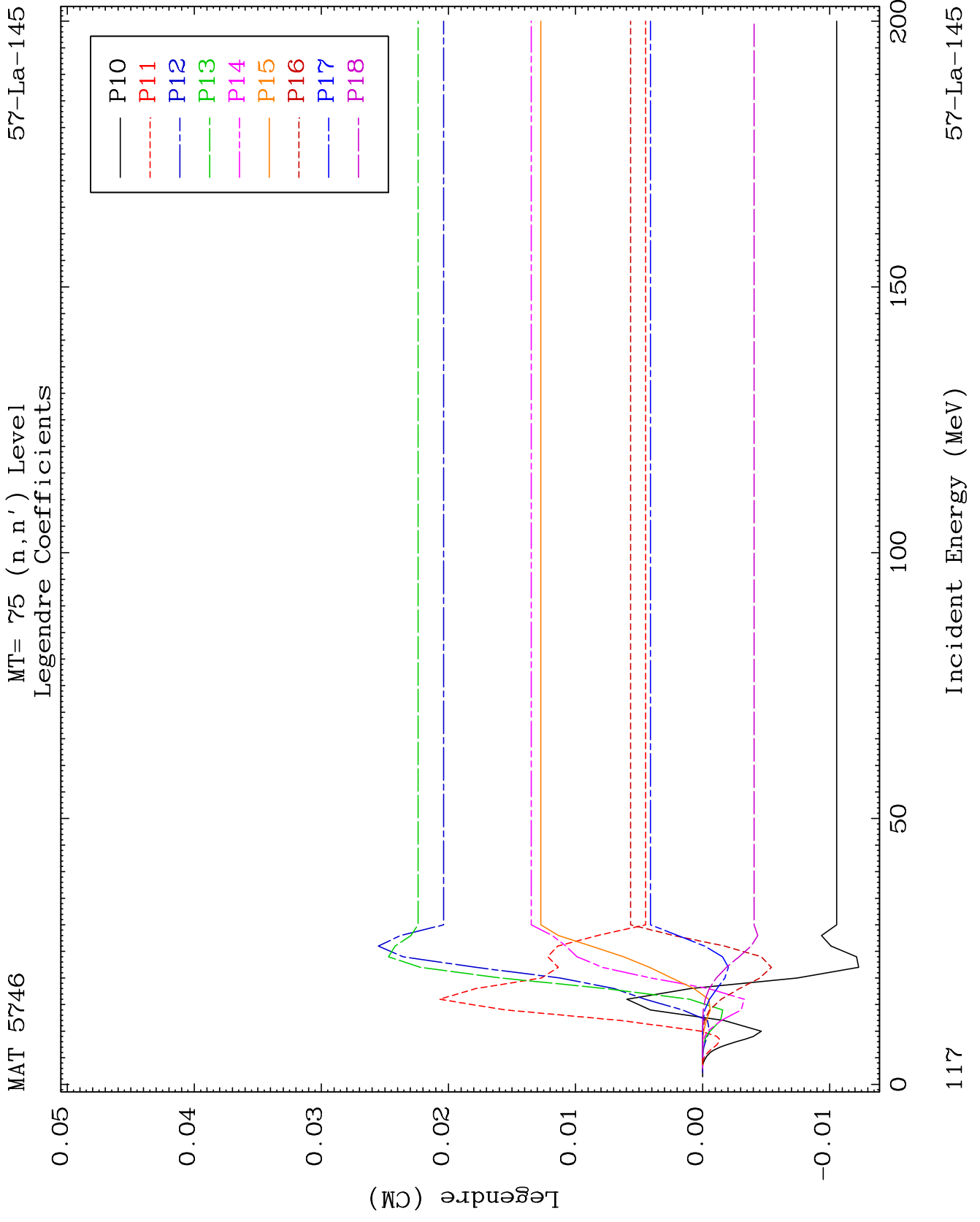
57-La-145



57-La-145

Incident Energy (MeV)

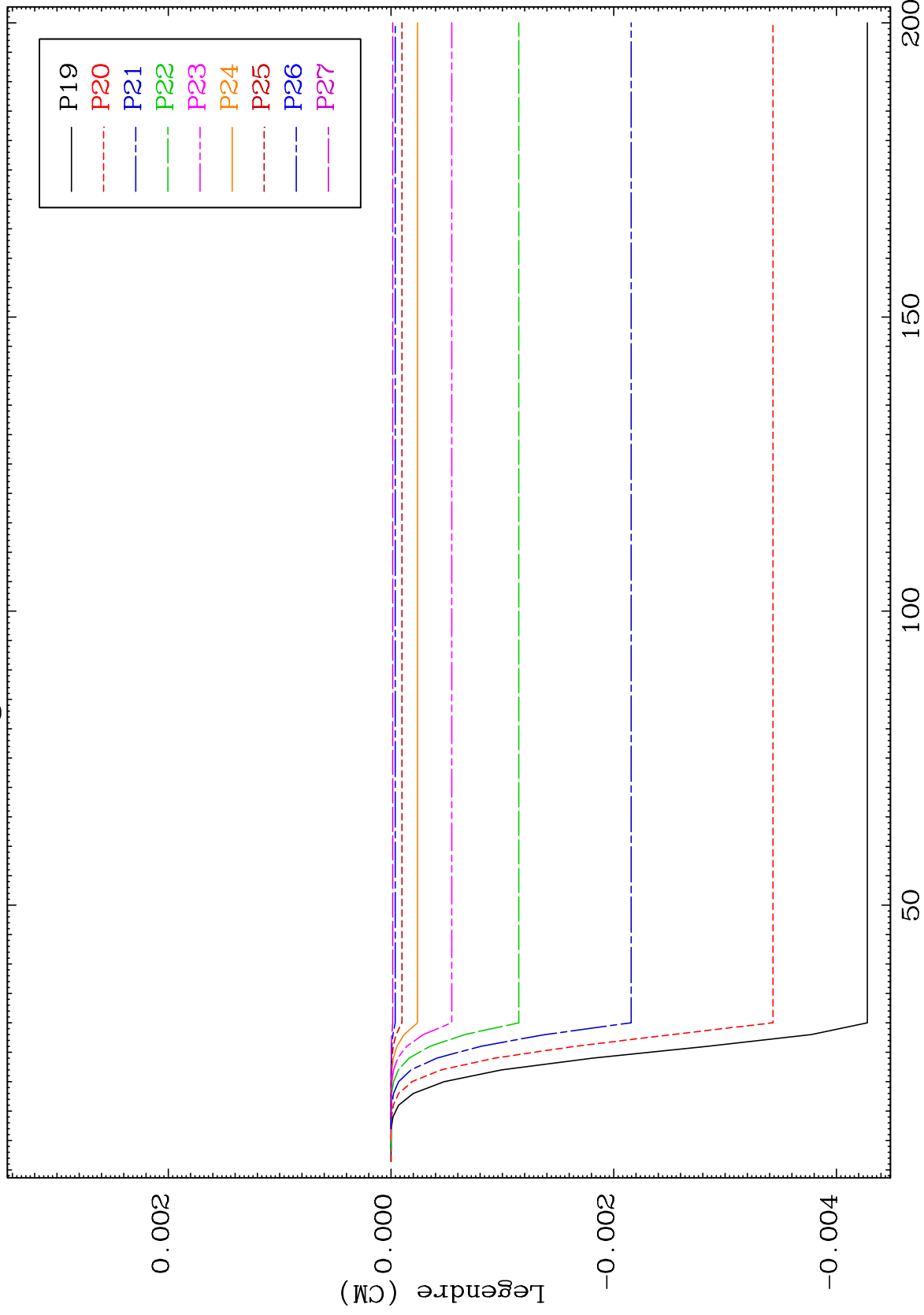
116



MAT 5746

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

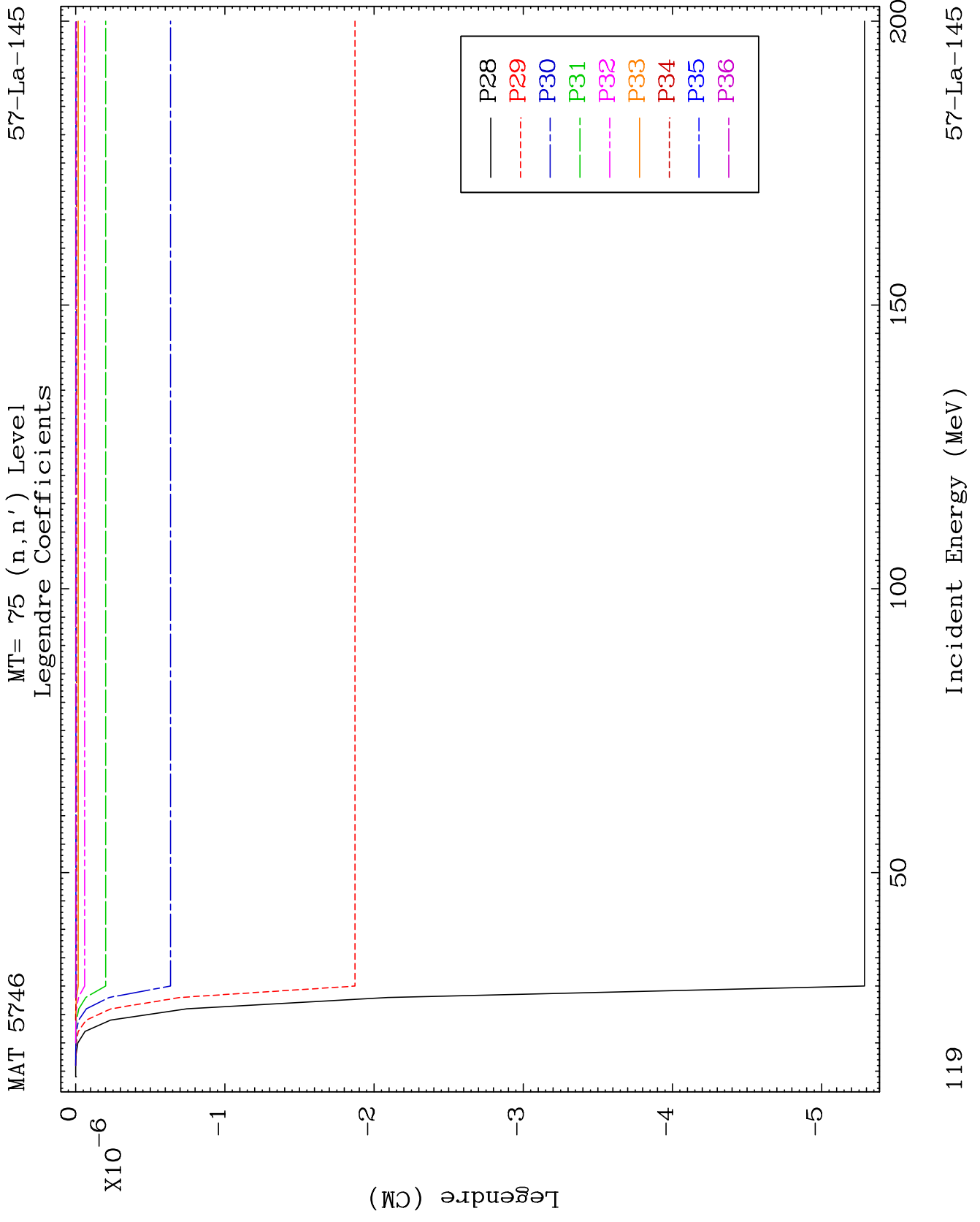
57-La-145



118

Incident Energy (MeV)

57-La-145

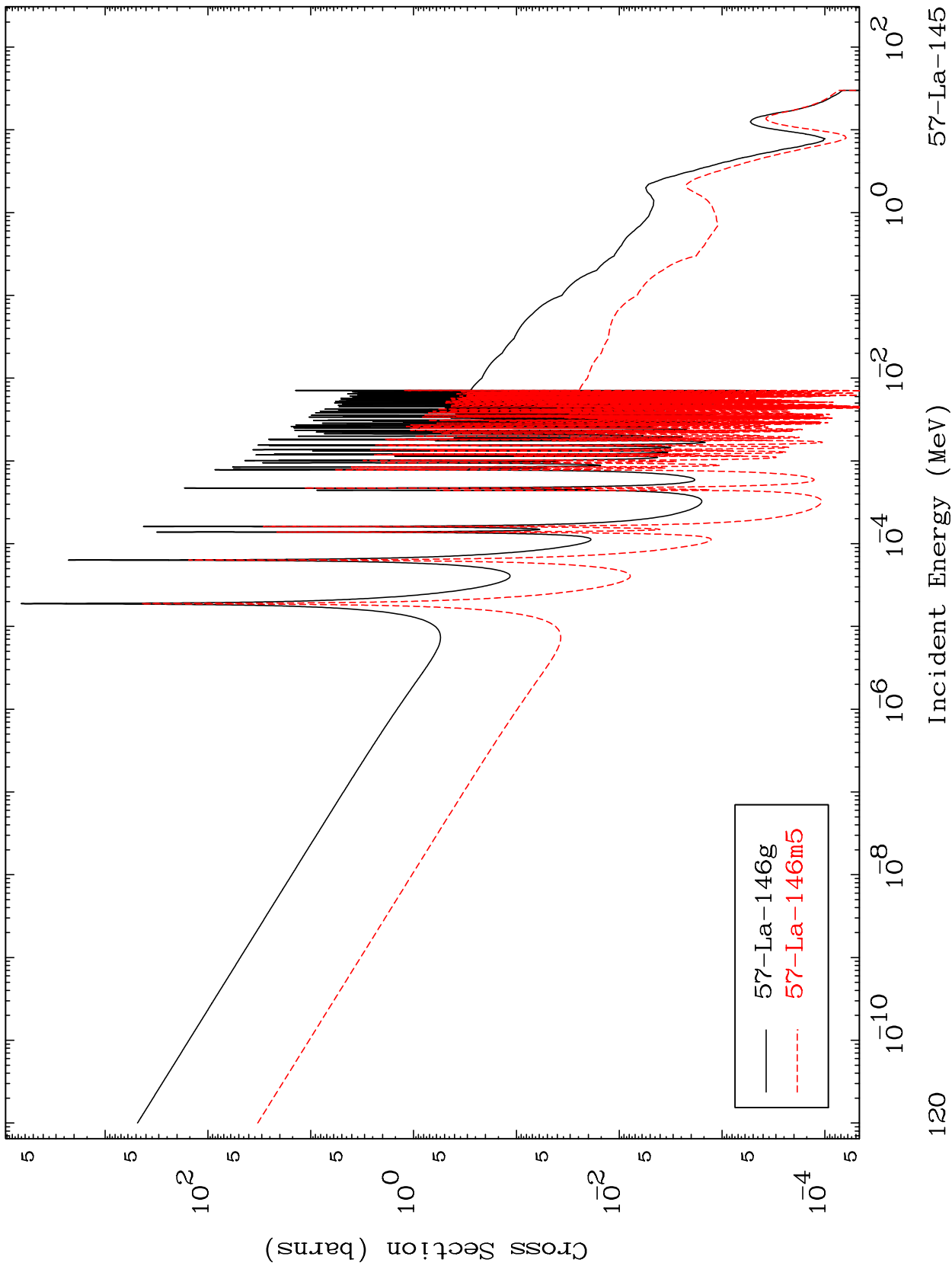


MAT 5746

57-La-145

Radionuclide Production Cross Section

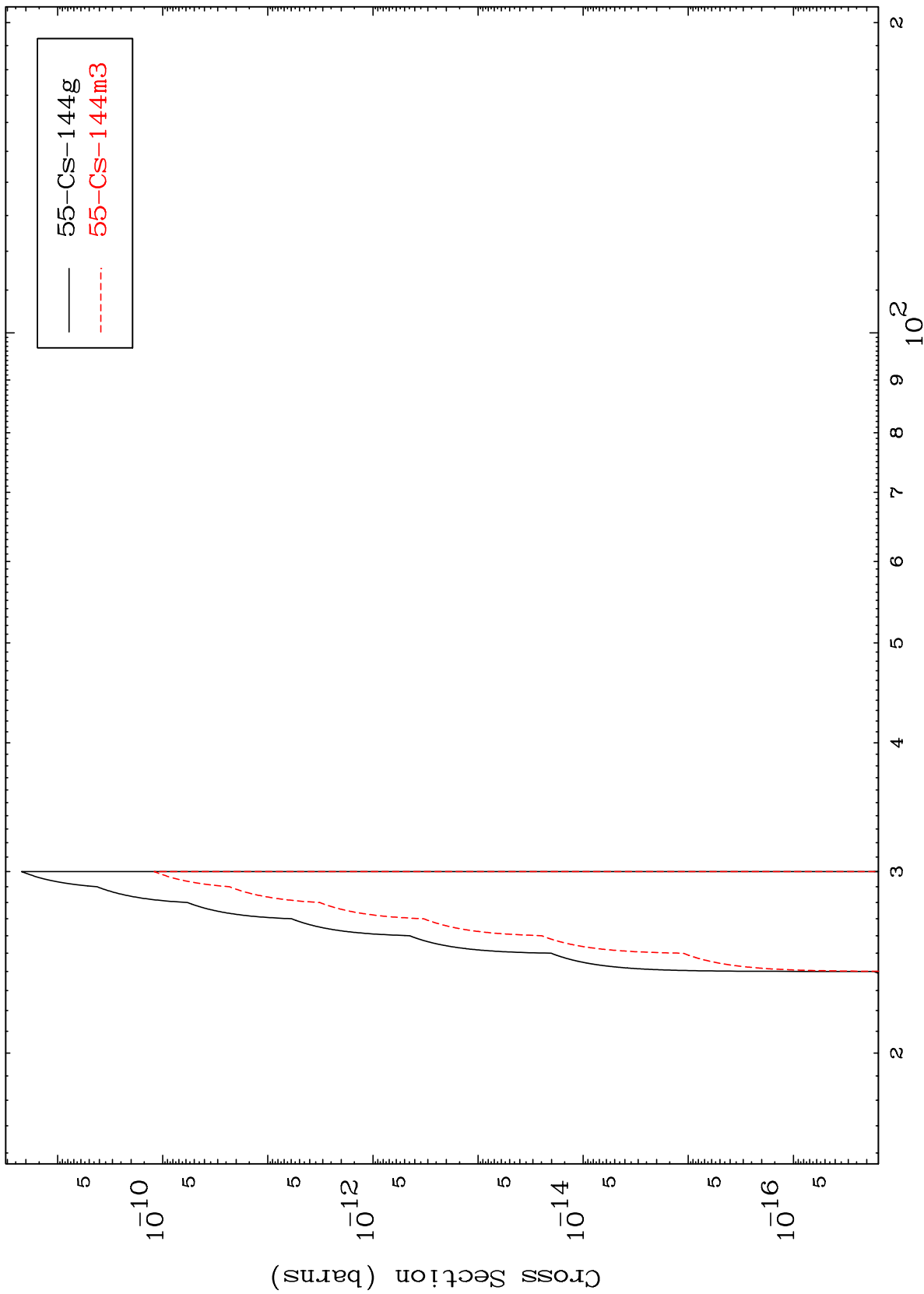
(n, γ)



MAT 5746

57-La-145

(n,2p)
Radionuclide Production Cross Section



121

57-La-145