

Program EVALPLOT
(Version 2018-1)

by

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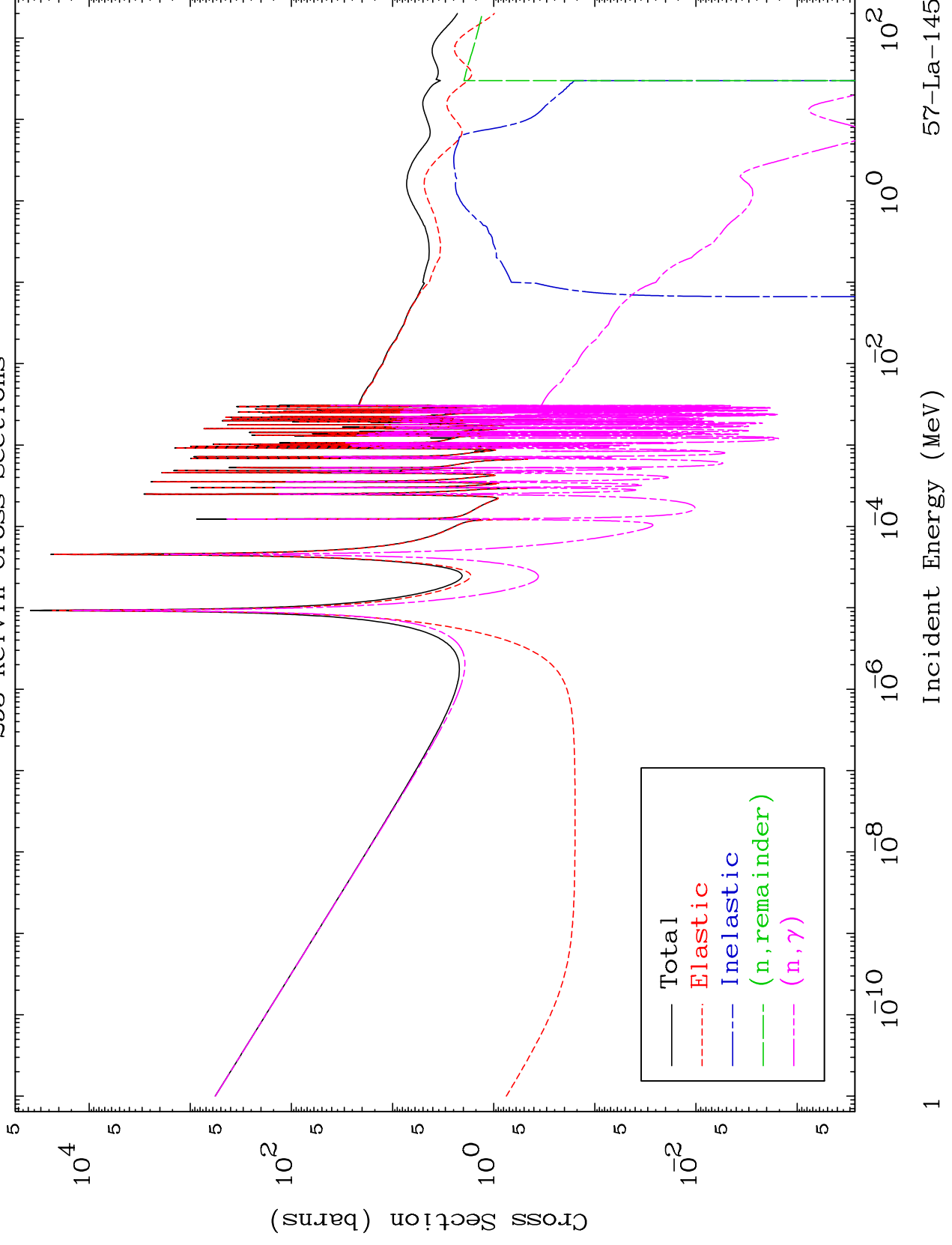
Press Mouse Button to Start

MAT 5746

Major

293 Kelvin Cross Sections

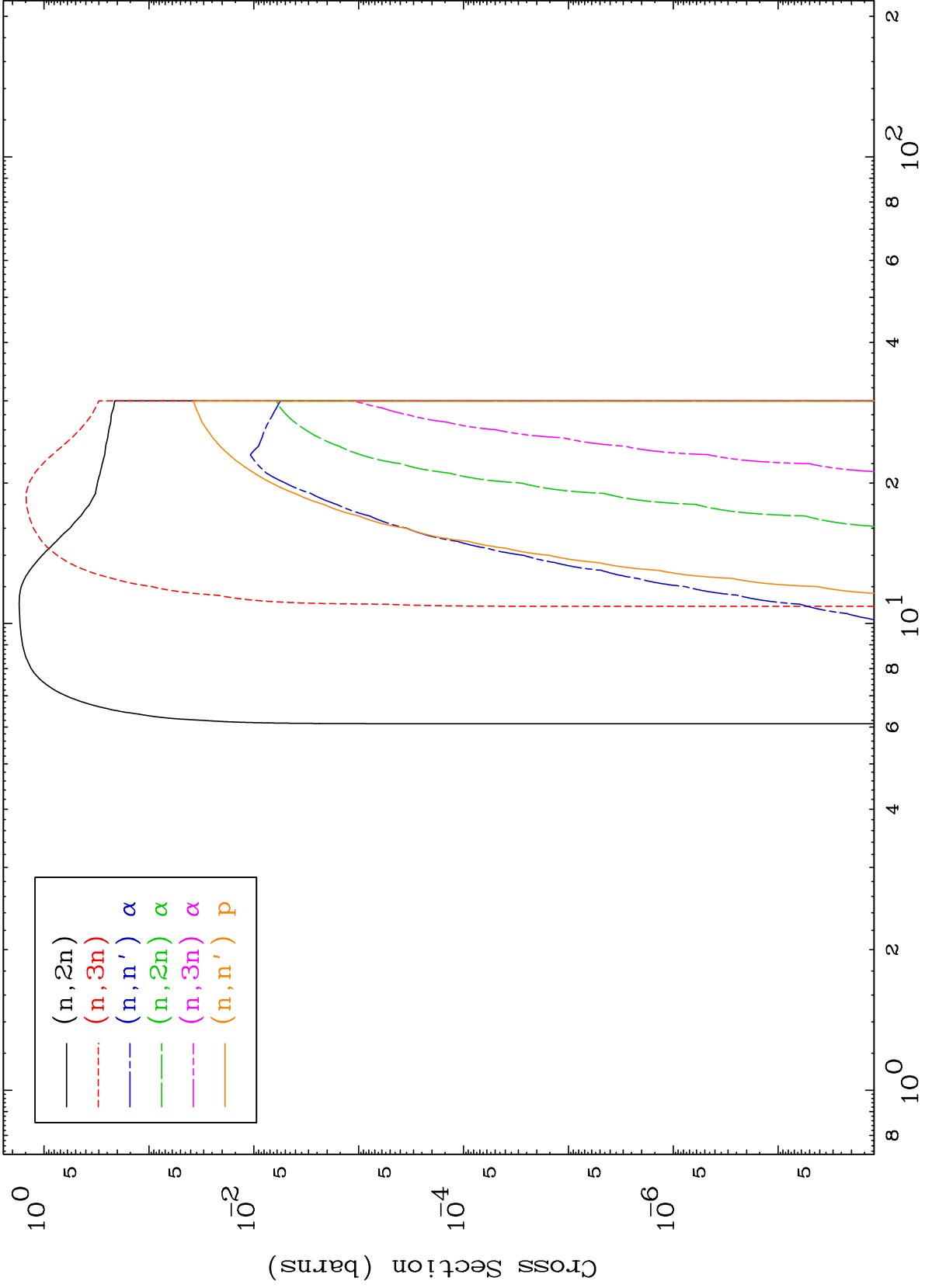
57-La-145



MAT 5746

Neutron Production
293 Kelvin Cross Sections

57-La-145



57-La-145

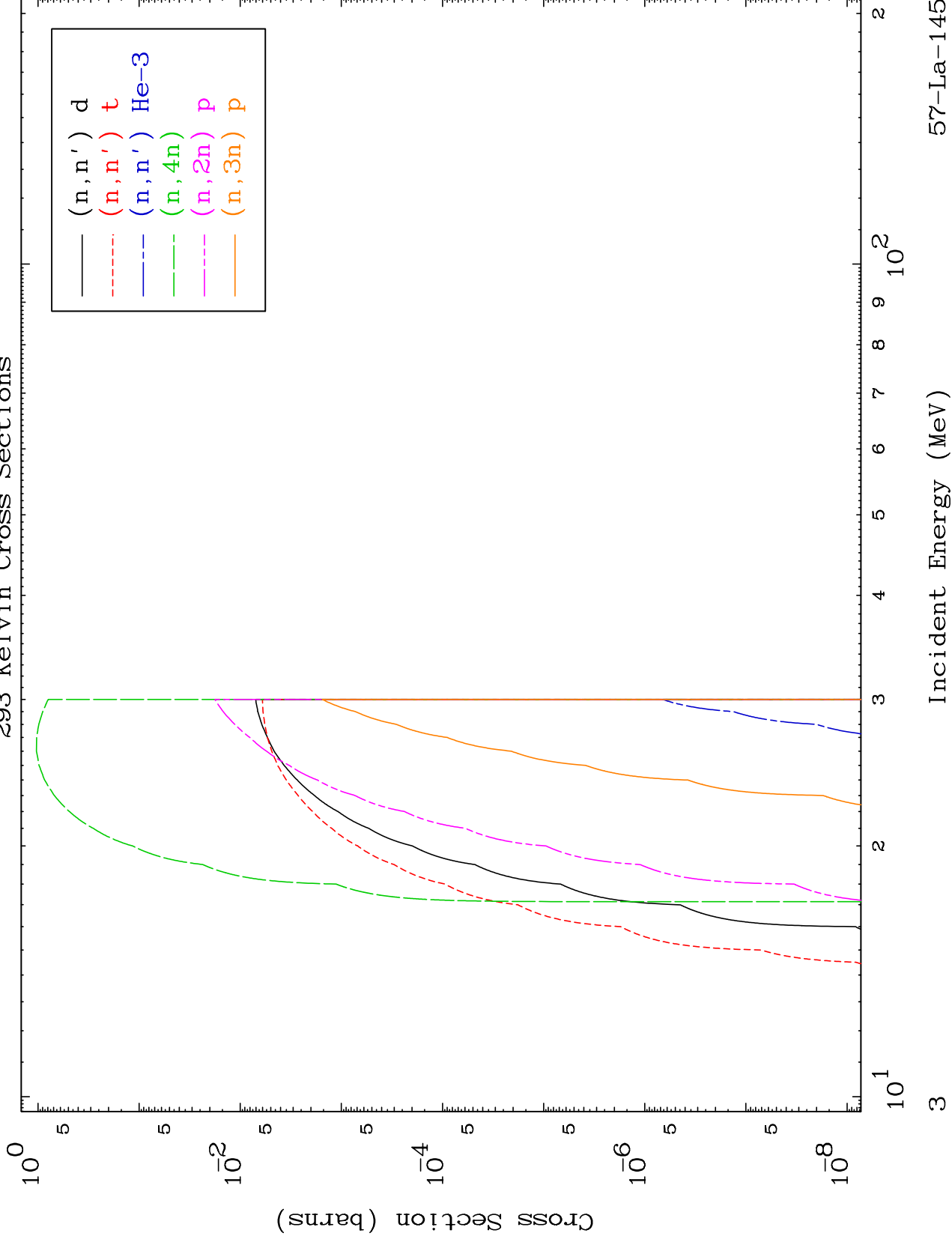
Incident Energy (MeV)

2

MAT 5746

Neutron Production
293 Kelvin Cross Sections

57-La-145



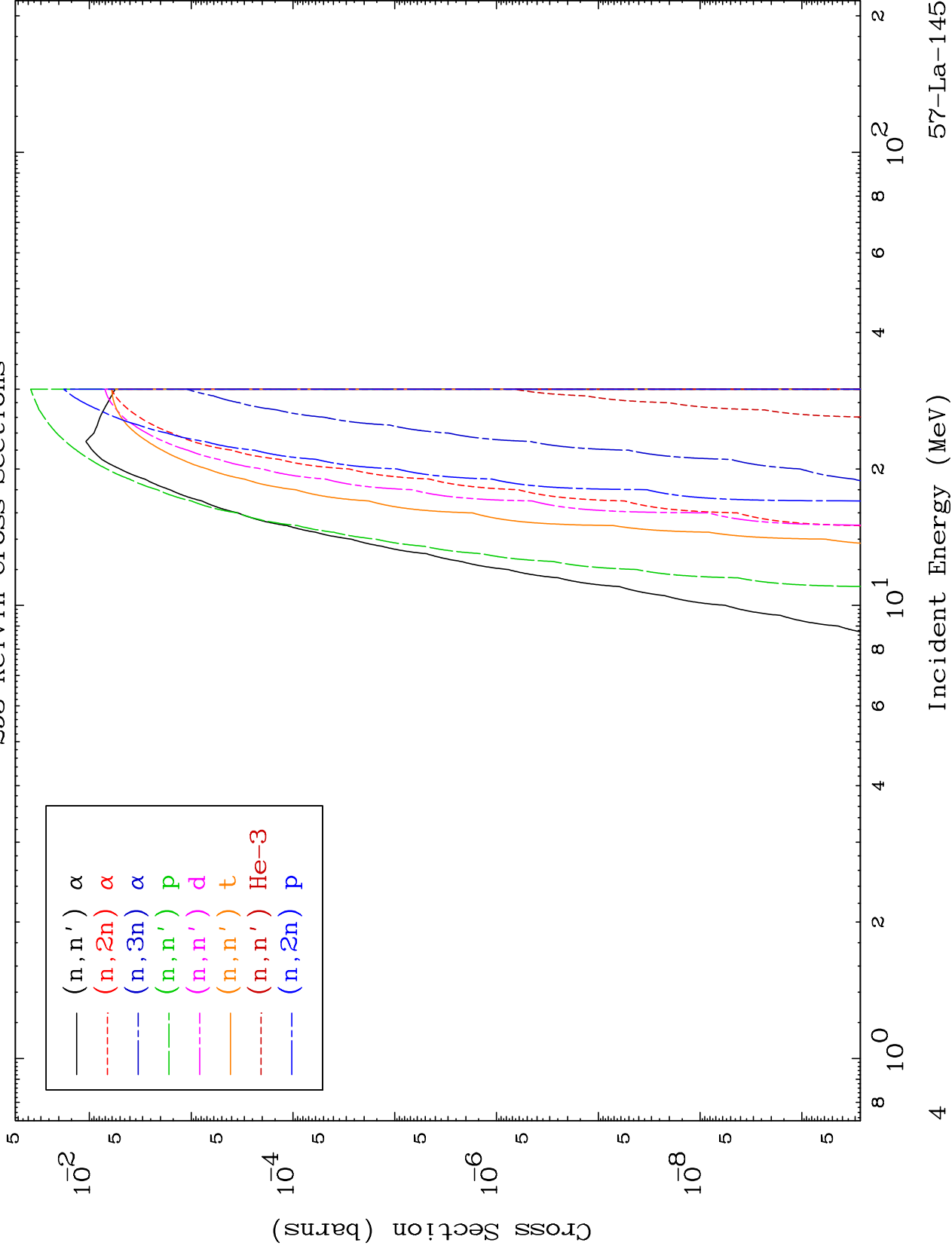
57-La-145

Incident Energy (MeV)

MAT 5746

Charged Particle
293 Kelvin Cross Sections

57-La-145

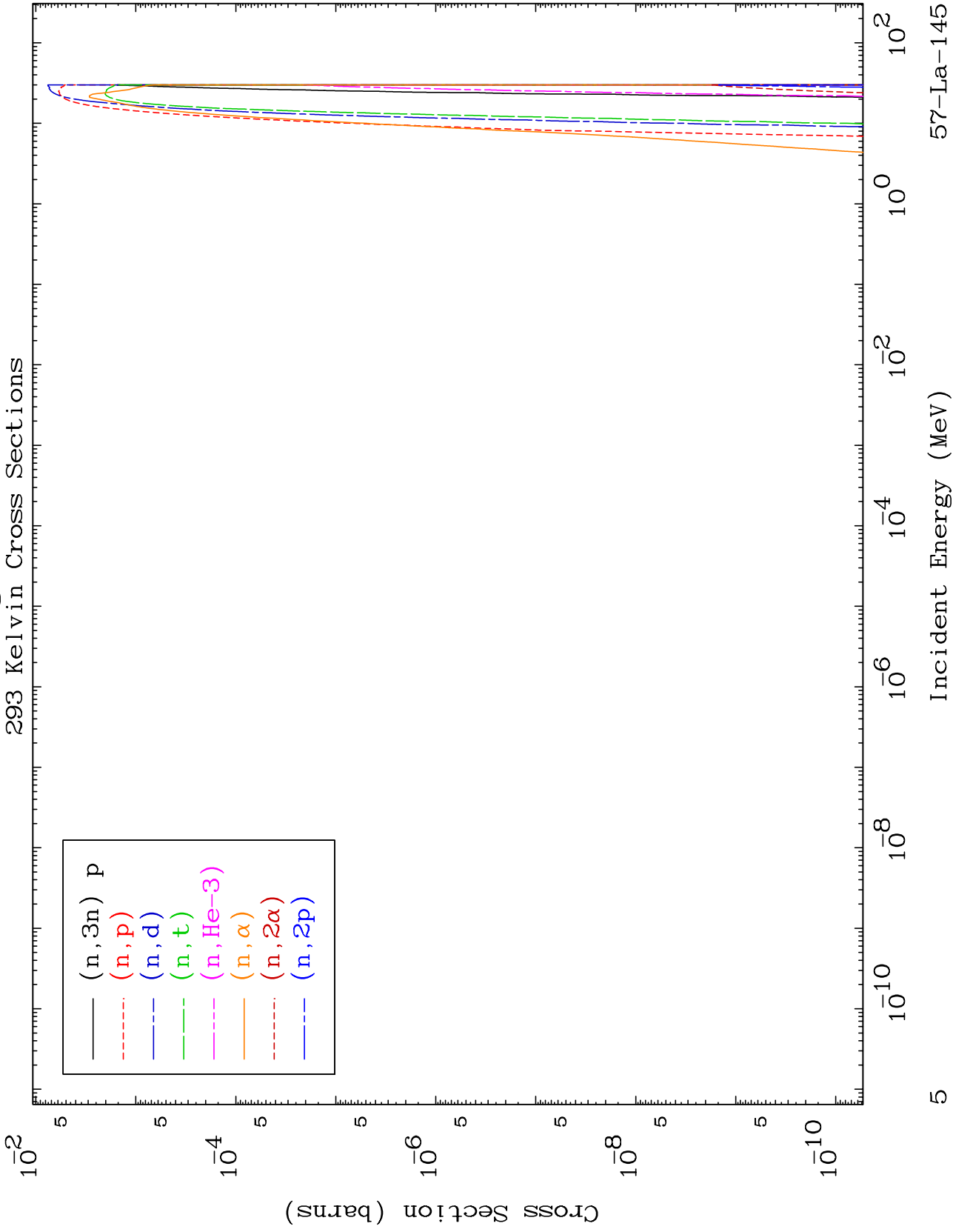


4

MAT 5746

Charged Particle
293 Kelvin Cross Sections

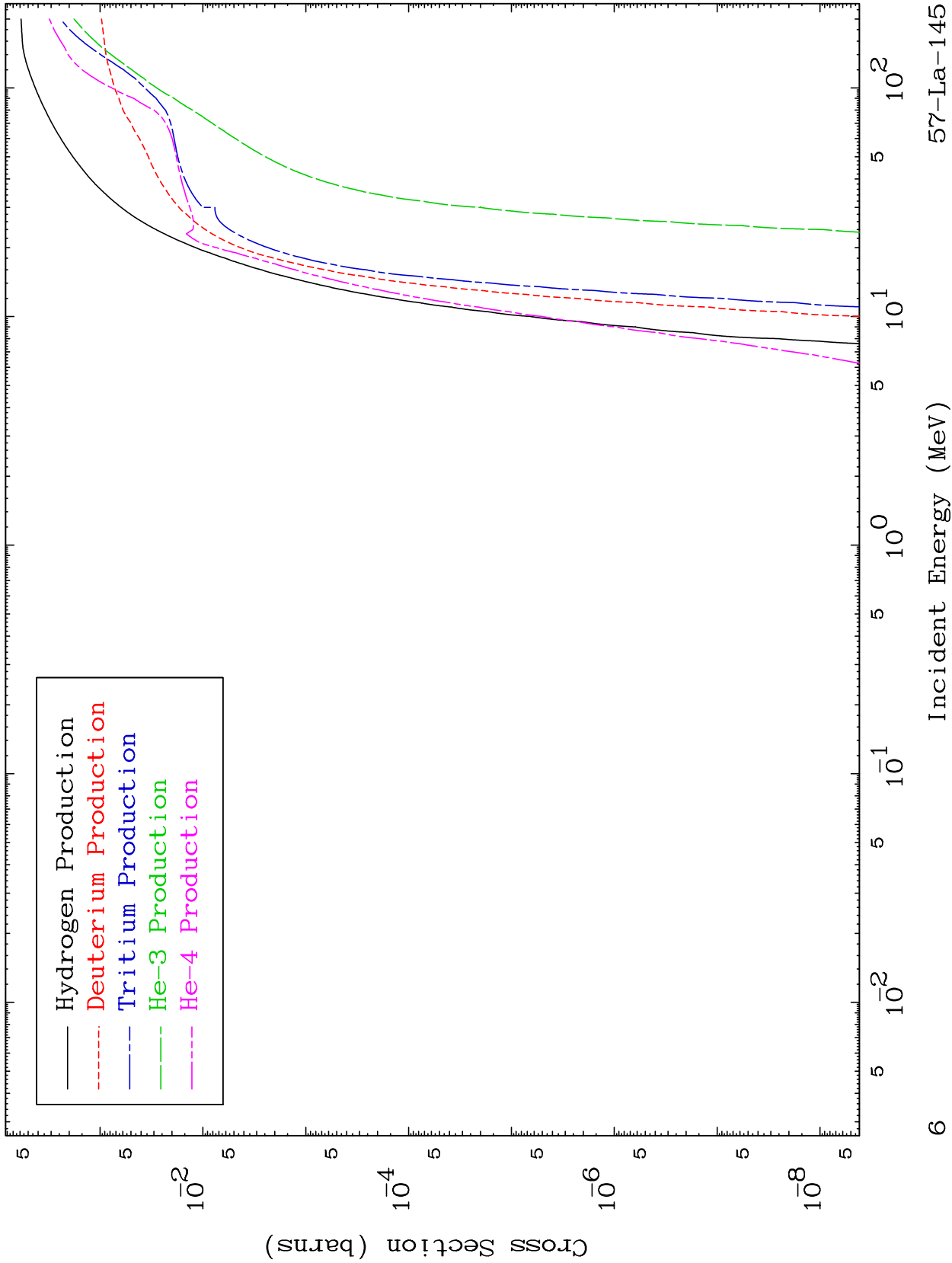
57-La-145



MAT 5746

Particle Production
293 Kelvin Cross Sections

57-La-145



6

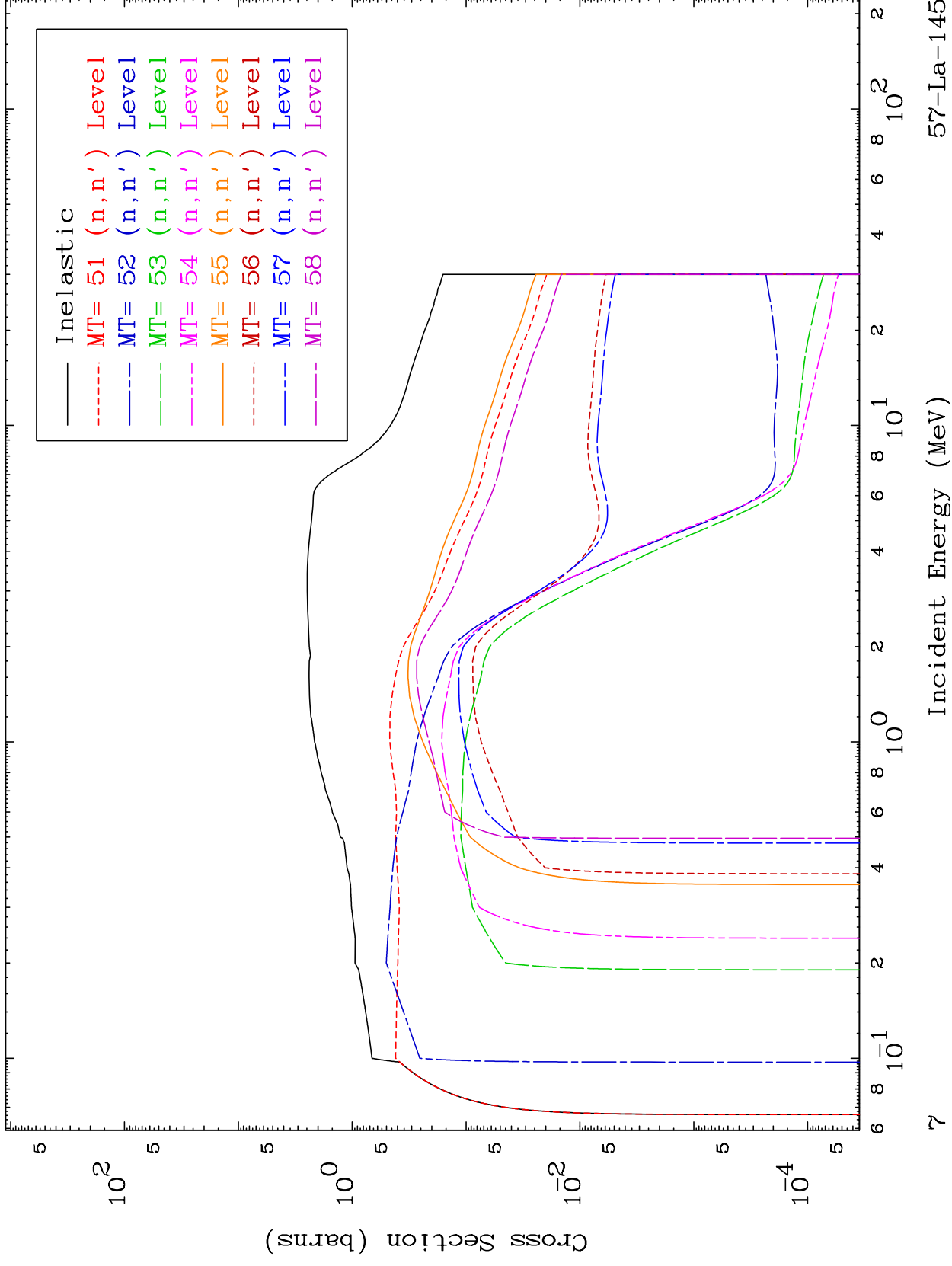
57-La-145

MAT 5746

(n,n') Level

57-La-145

293 Kelvin Cross Sections



7

Incident Energy (MeV)

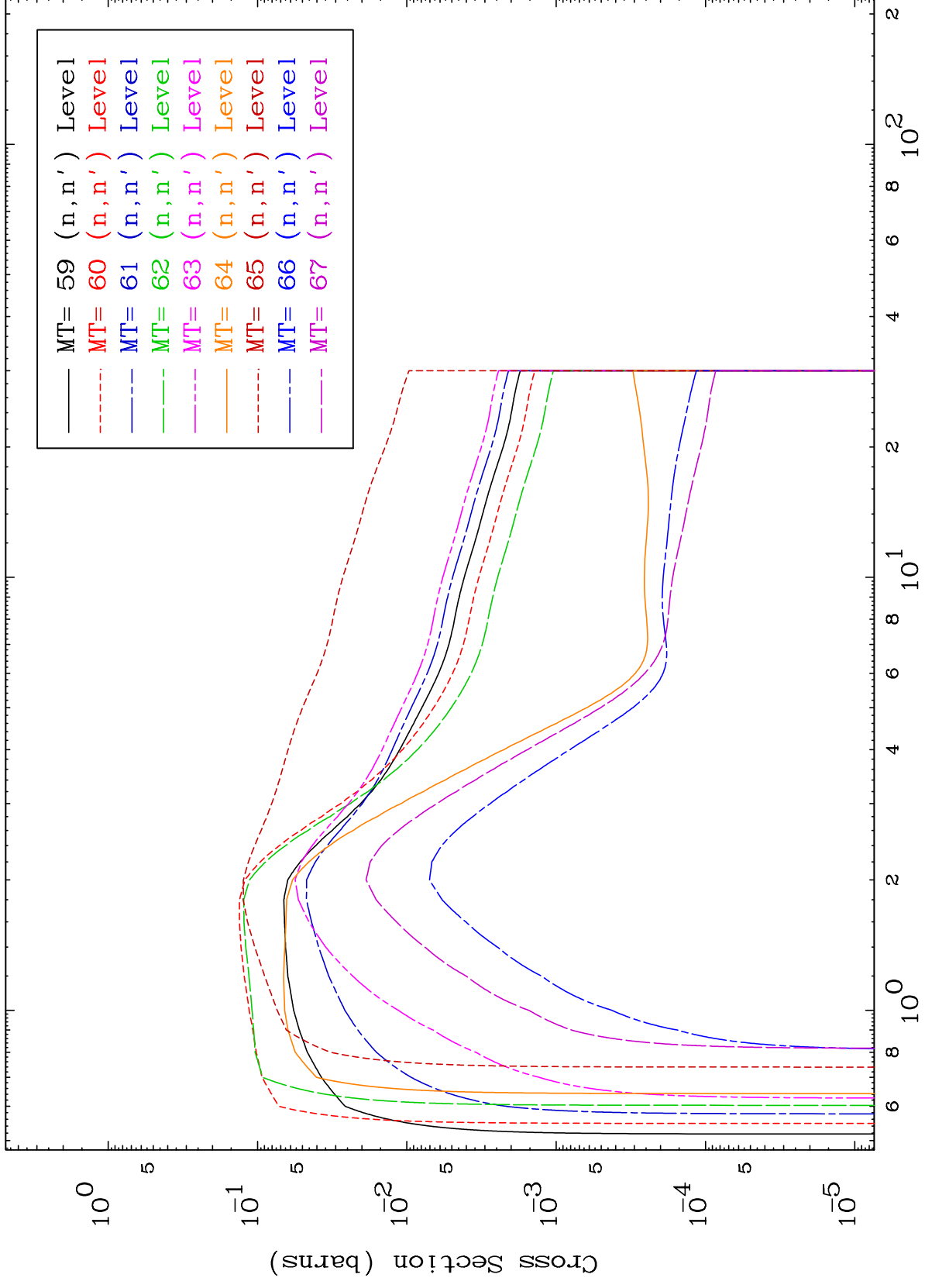
57-La-145

MAT 5746

(n,n') Level

293 Kelvin Cross Sections

57-La-145



8

Incident Energy (MeV)

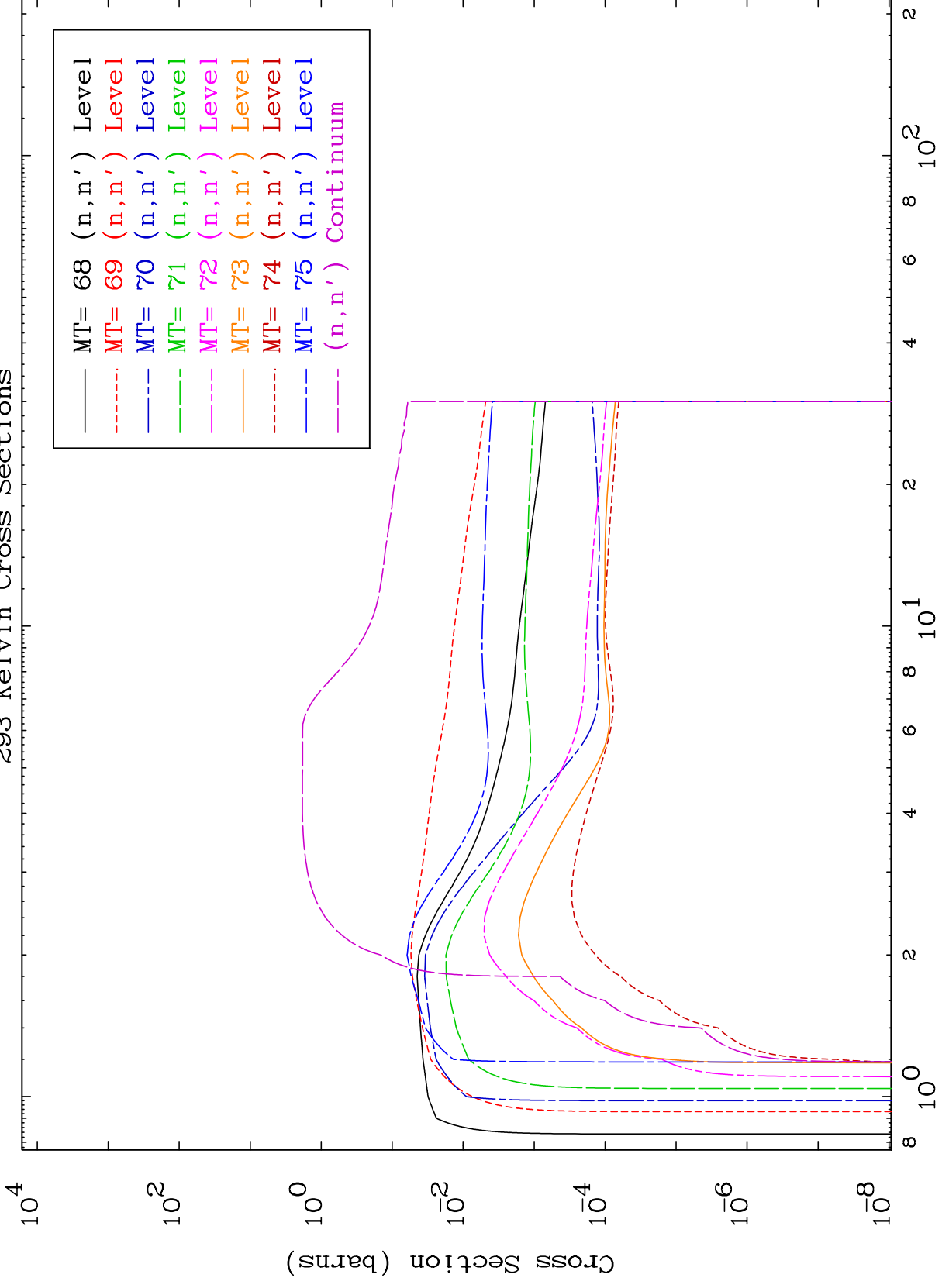
57-La-145

MAT 5746

(n,n') Level

57-La-145

293 Kelvin Cross Sections



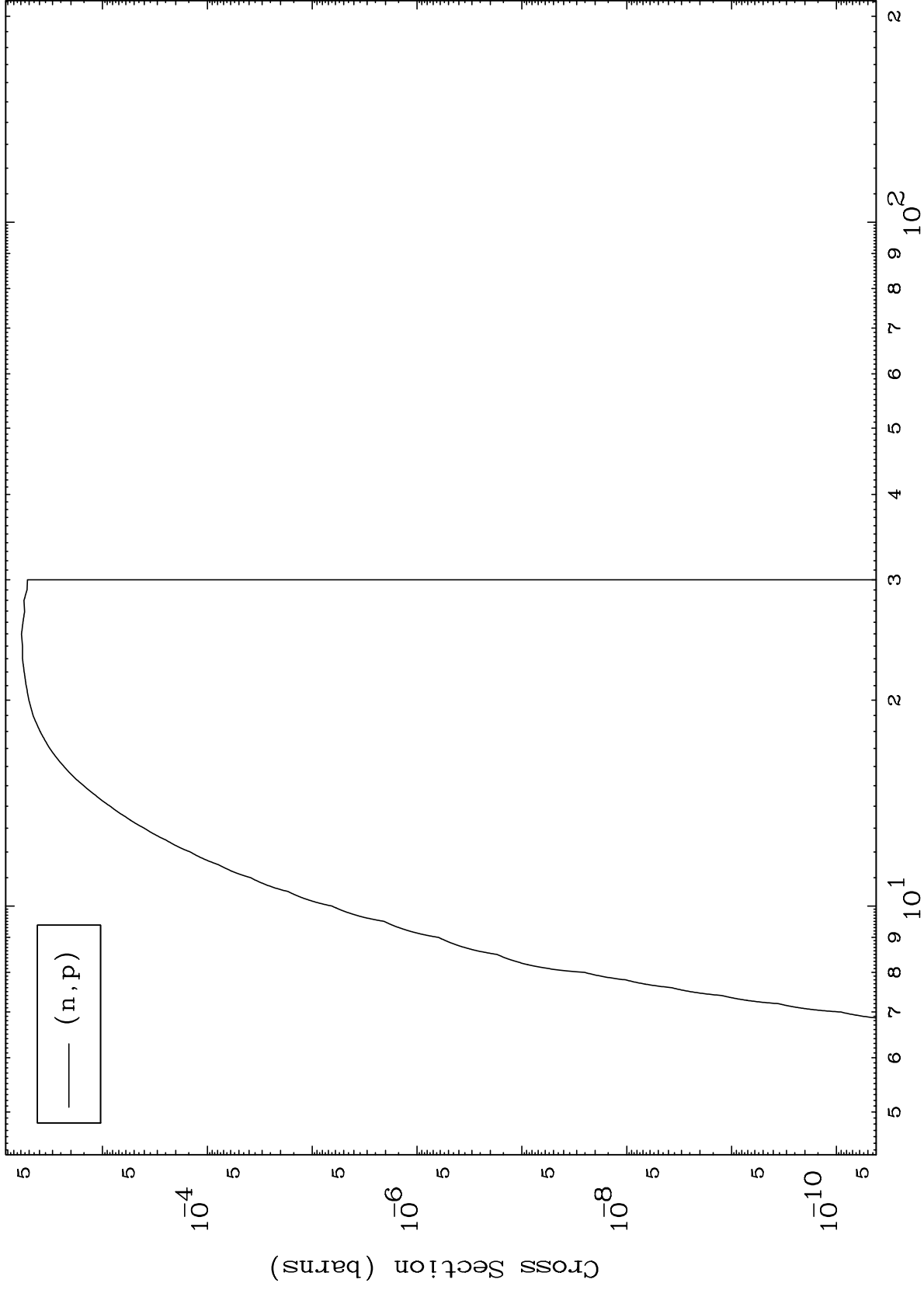
Incident Energy (MeV)

57-La-145

MAT 5746

(n,p) Levels
293 Kelvin Cross Sections

57-La-145



10

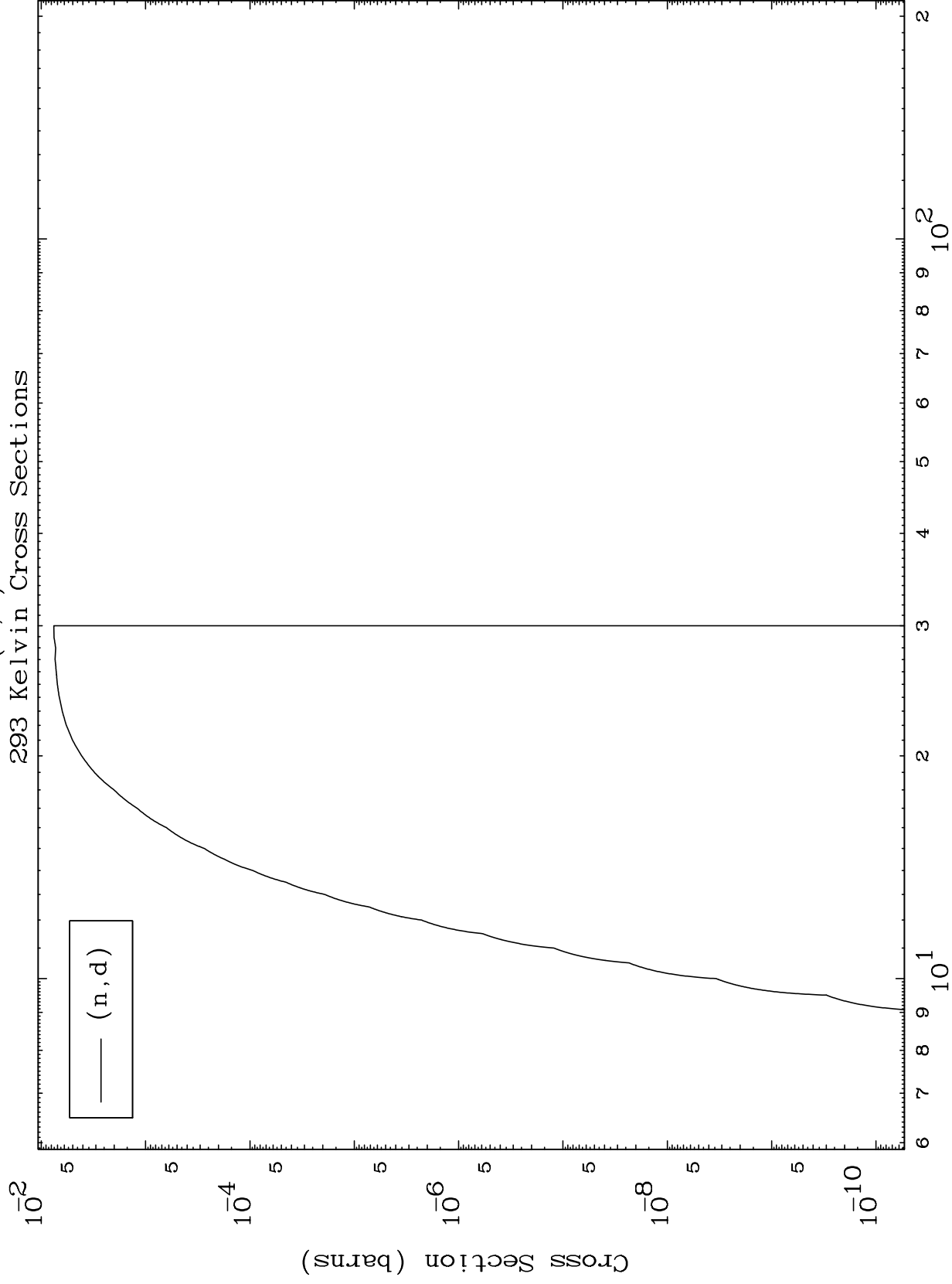
Incident Energy (MeV)

57-La-145

MAT 5746

(n,d) Levels
293 Kelvin Cross Sections

57-La-145



11

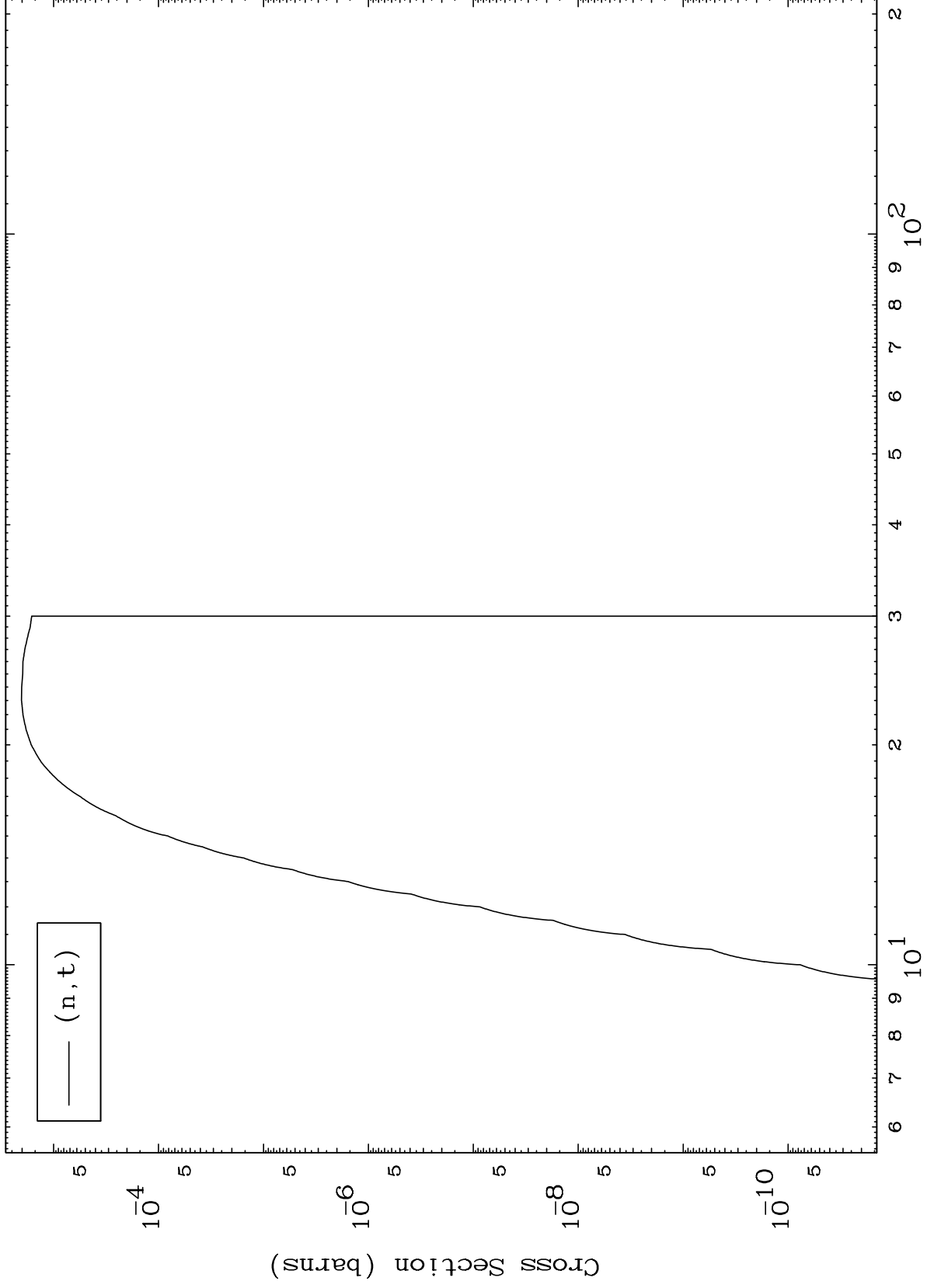
Incident Energy (MeV)

57-La-145

MAT 5746

(n, t) Levels
293 Kelvin Cross Sections

57-La-145



12

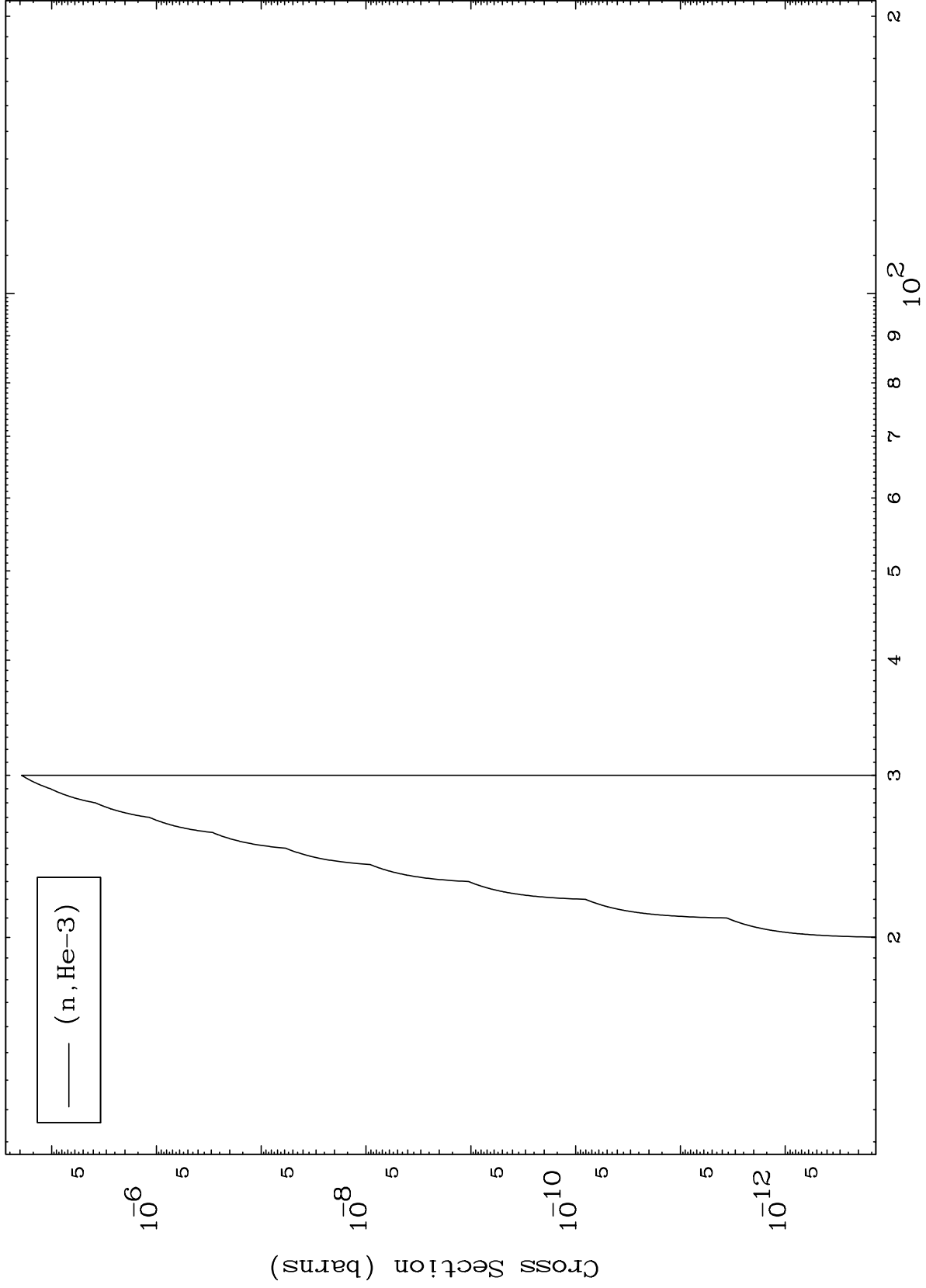
Incident Energy (MeV)

57-La-145

MAT 5746

(n,He3) Levels
293 Kelvin Cross Sections

57-La-145



13

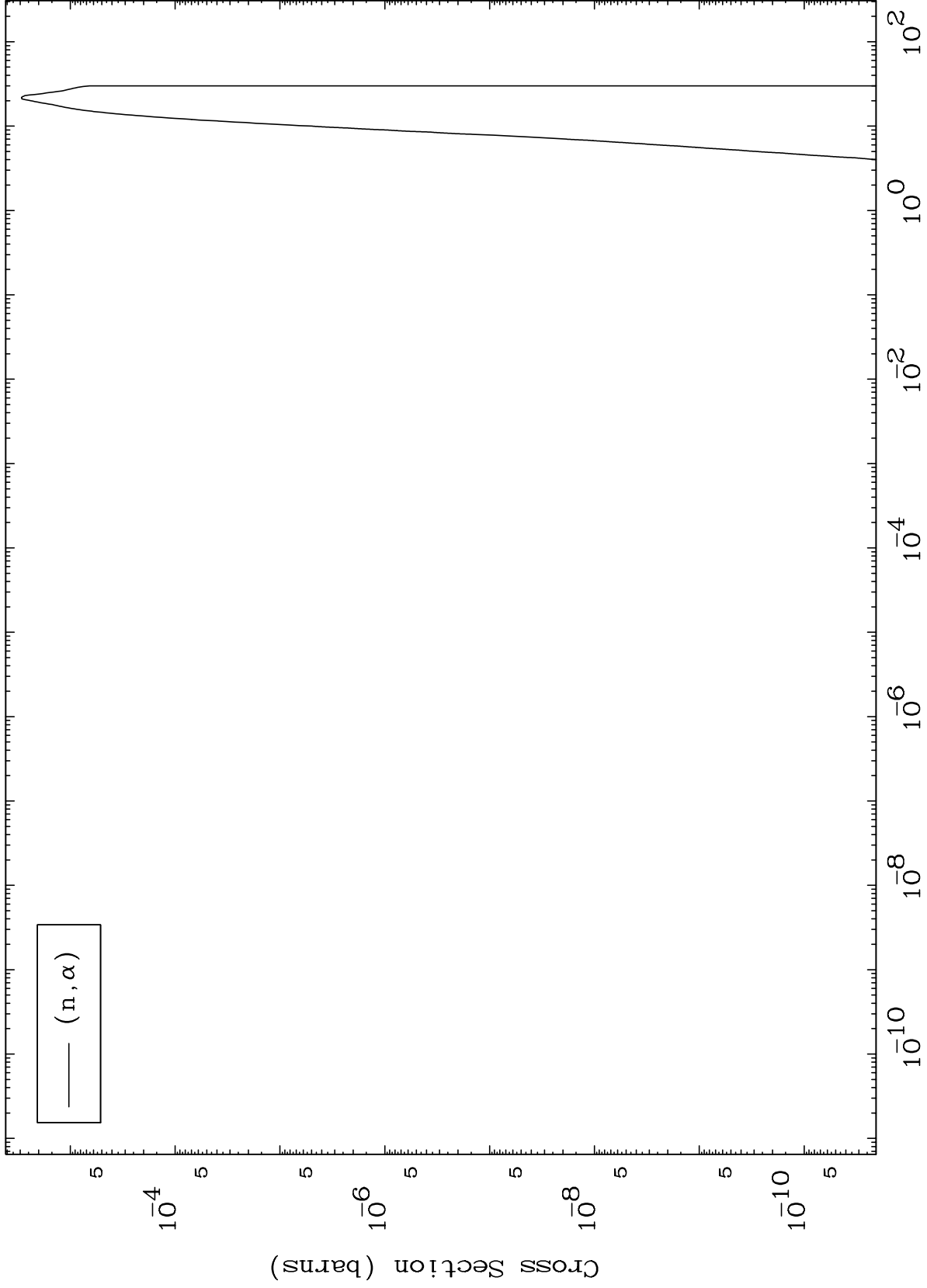
Incident Energy (MeV)

57-La-145

MAT 5746

(n, α) Levels
293 Kelvin Cross Sections

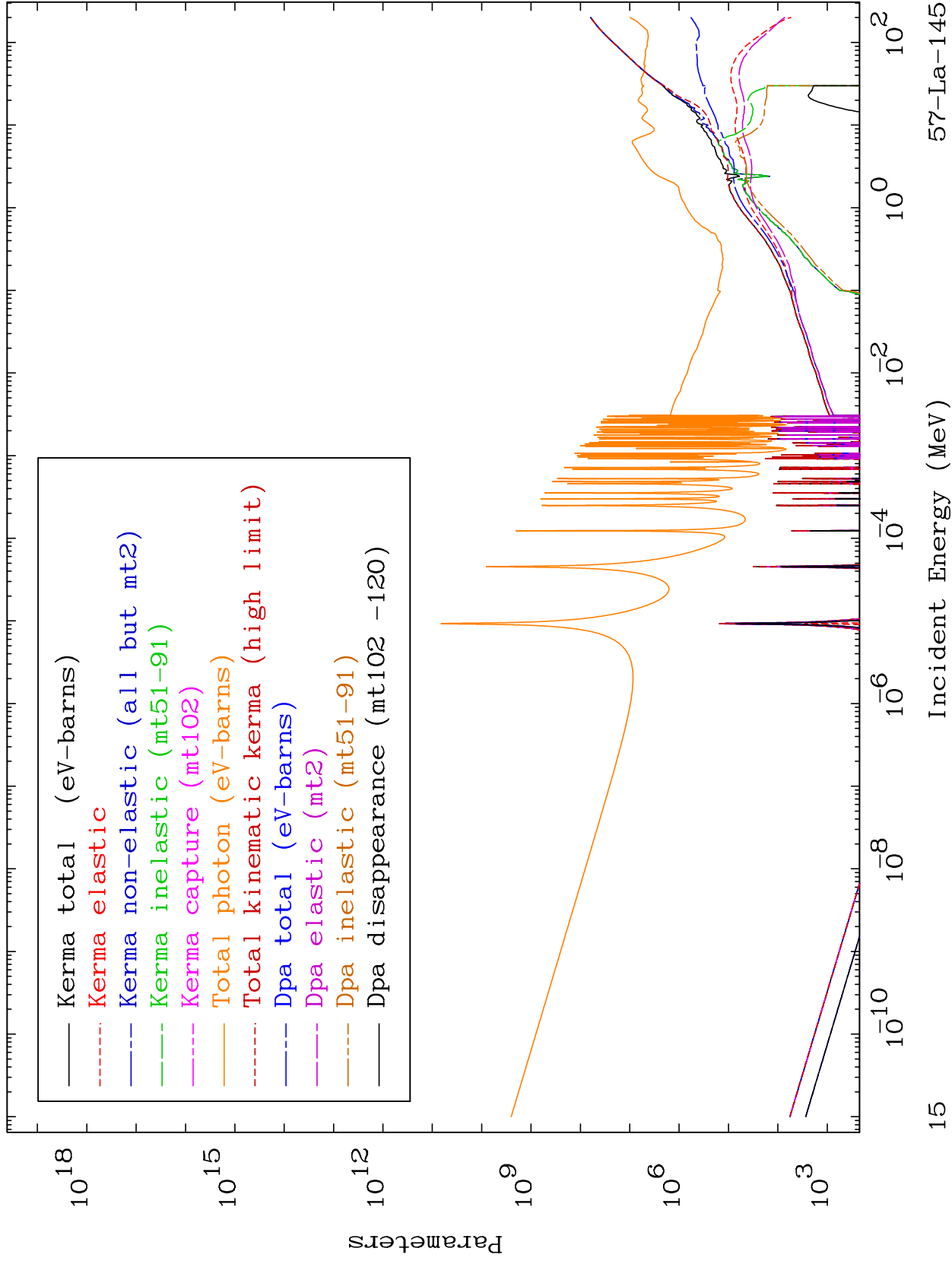
57-La-145



14

Incident Energy (MeV)

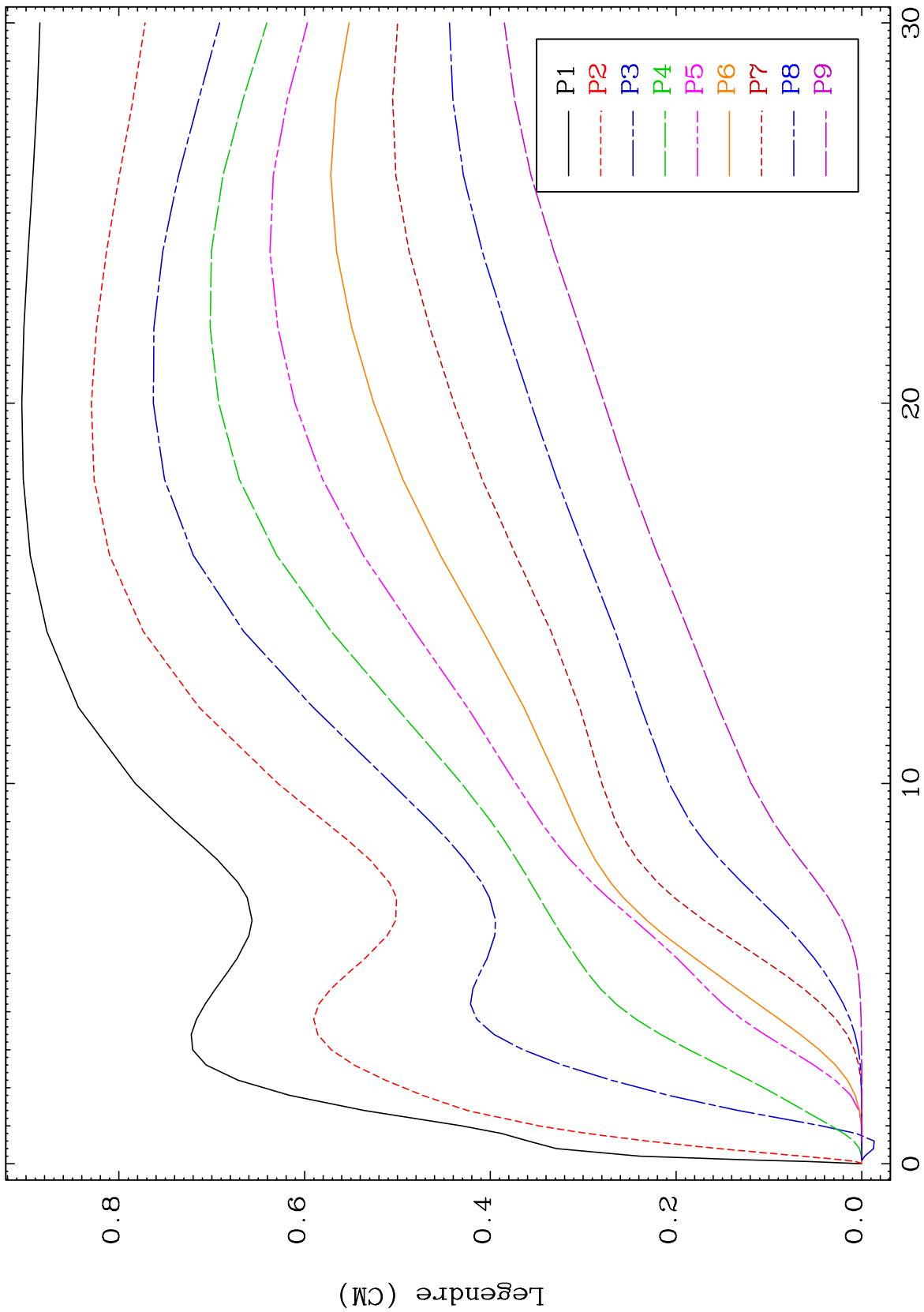
57-La-145



MAT 5746

57-La-145

Elastic Legendre Coefficients



57-La-145

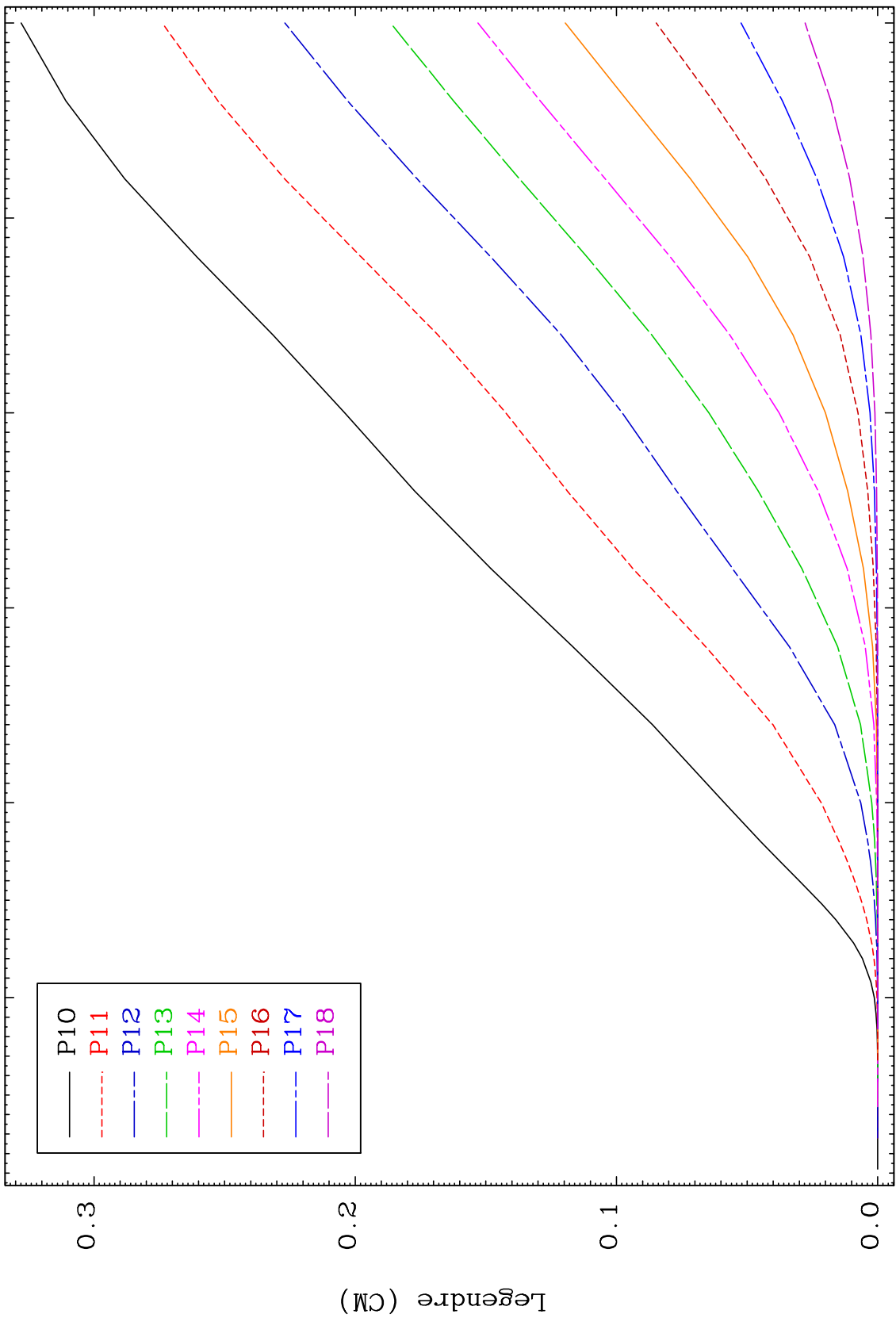
Incident Energy (MeV)

16

MAT 5746

Elastic Legendre Coefficients

57-La-145



17

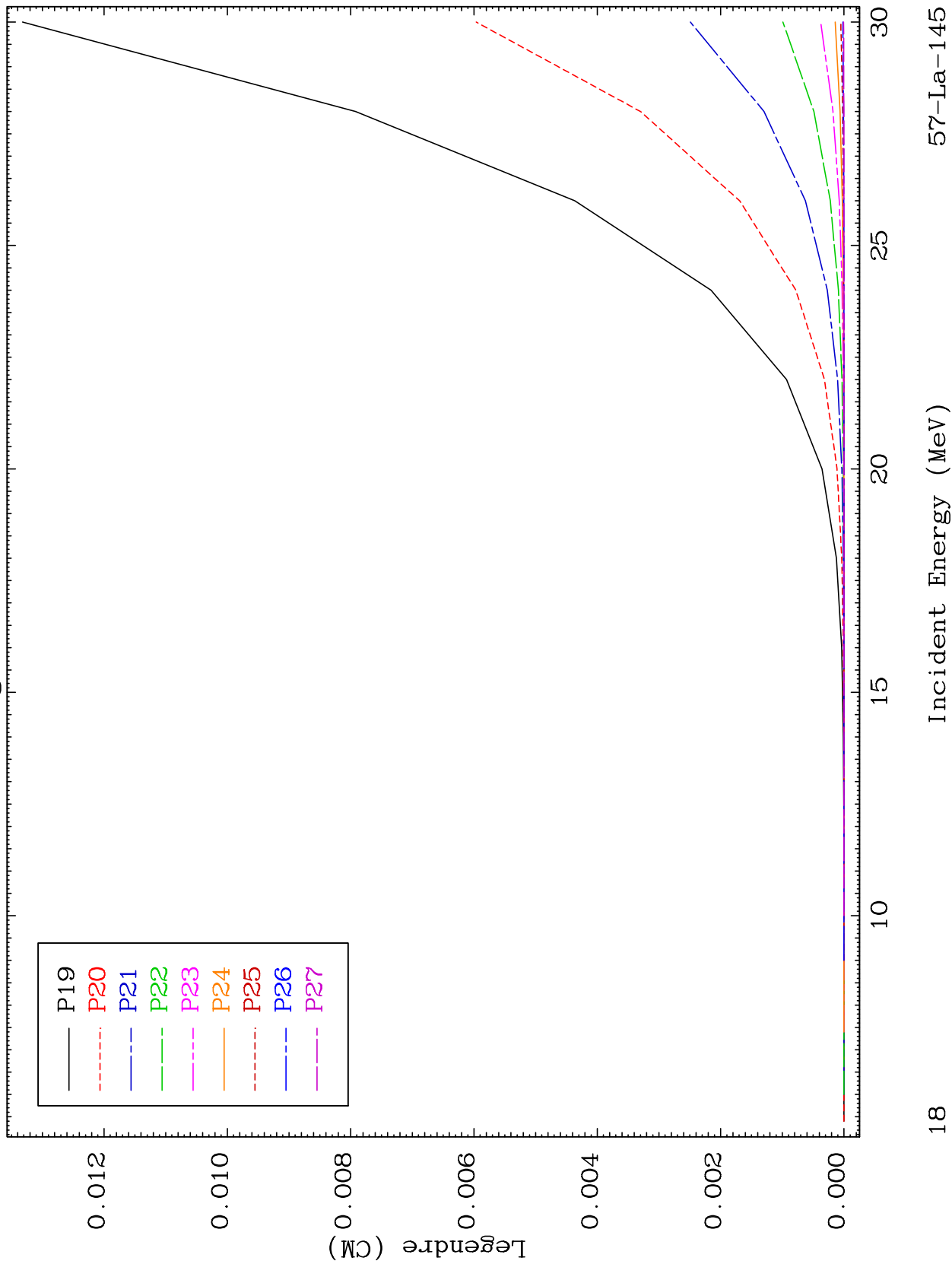
Incident Energy (MeV)

57-La-145

MAT 5746

Elastic Legendre Coefficients

57-La-145



18

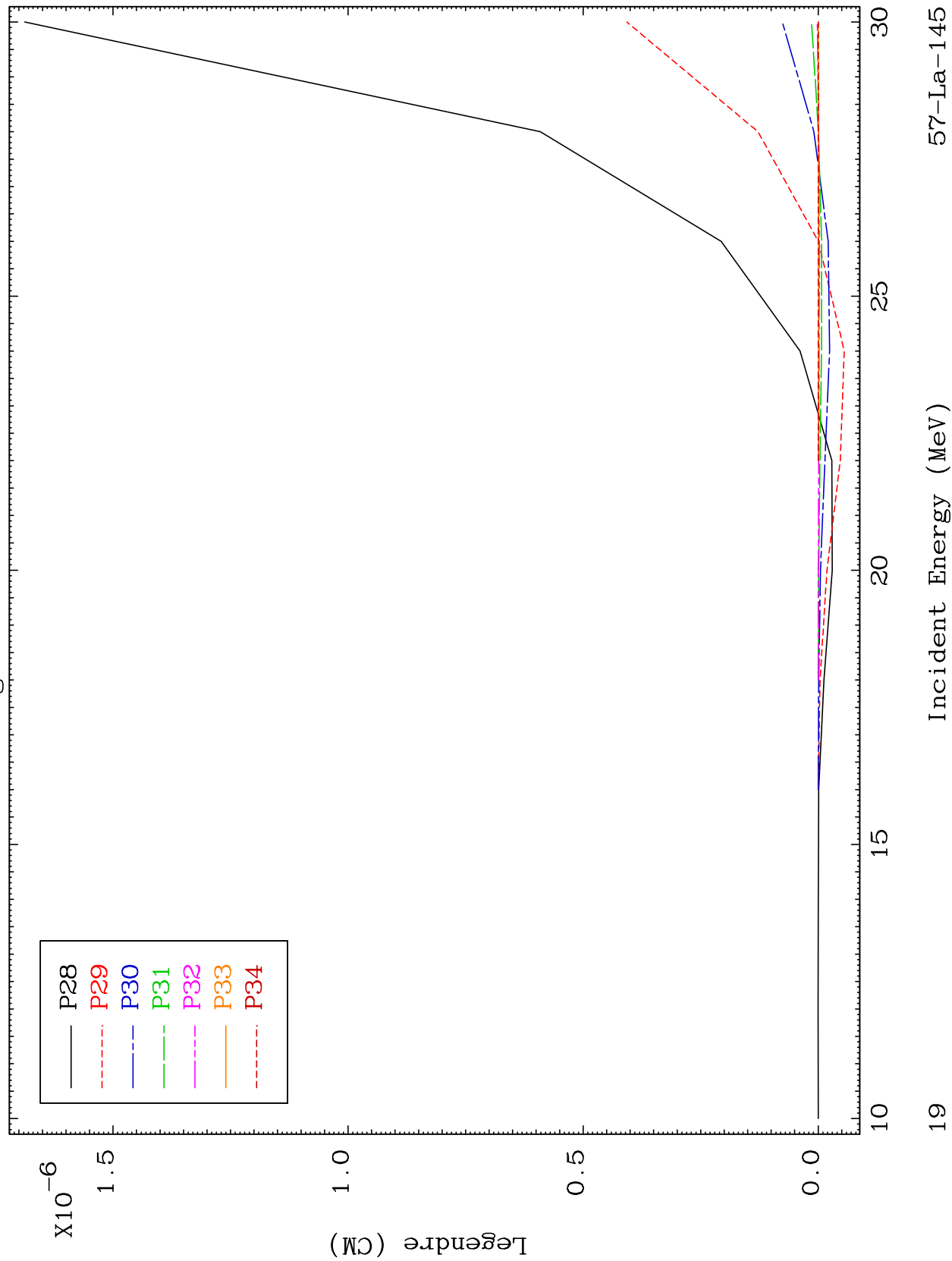
Incident Energy (MeV)

57-La-145

MAT 5746

Elastic
Legendre Coefficients

57-La-145



19

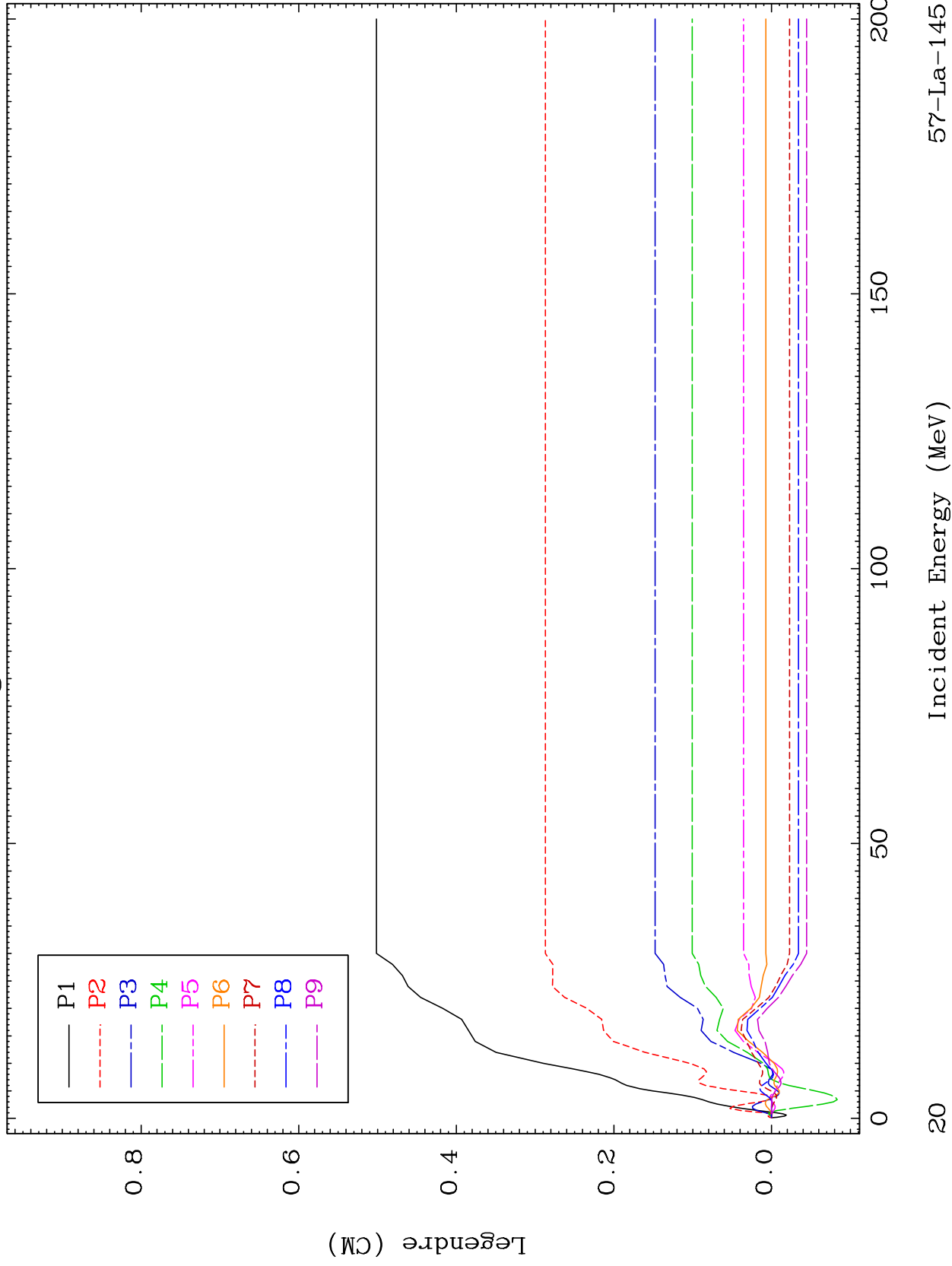
Incident Energy (MeV)

57-La-145

MAT 5746

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

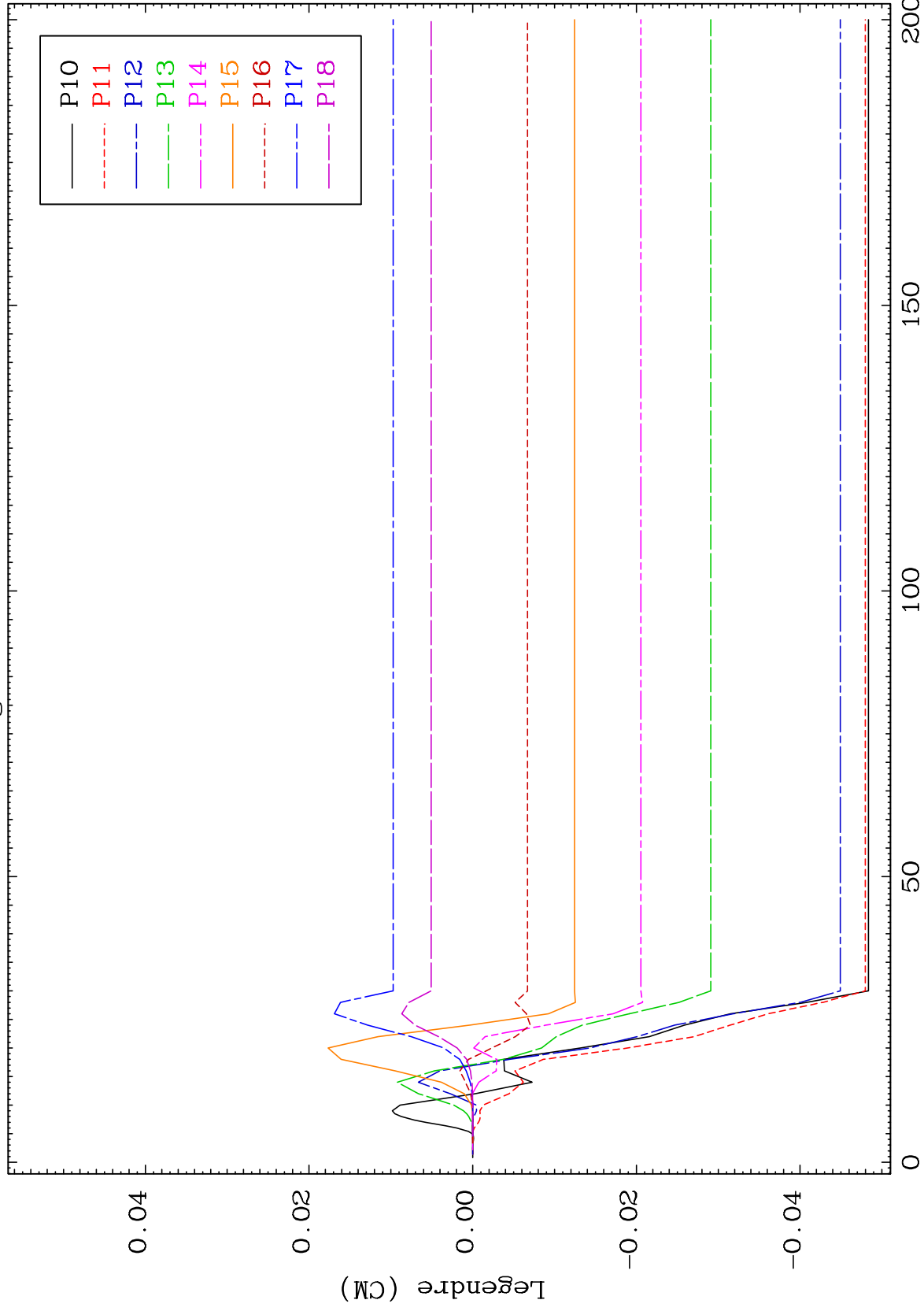
57-La-145



MAT 5746

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

57-La-145



21

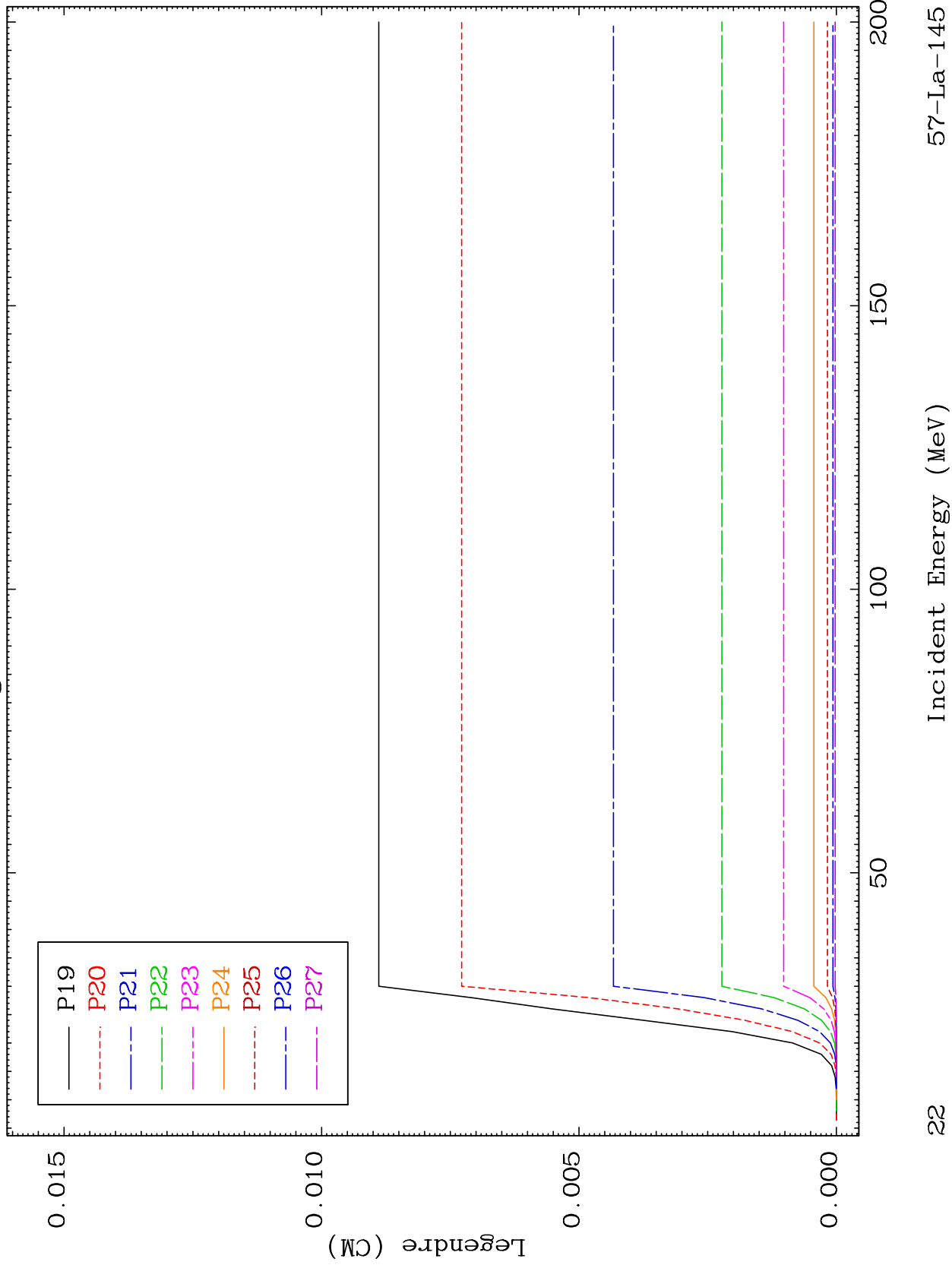
Incident Energy (MeV)

57-La-145

MAT 5746

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

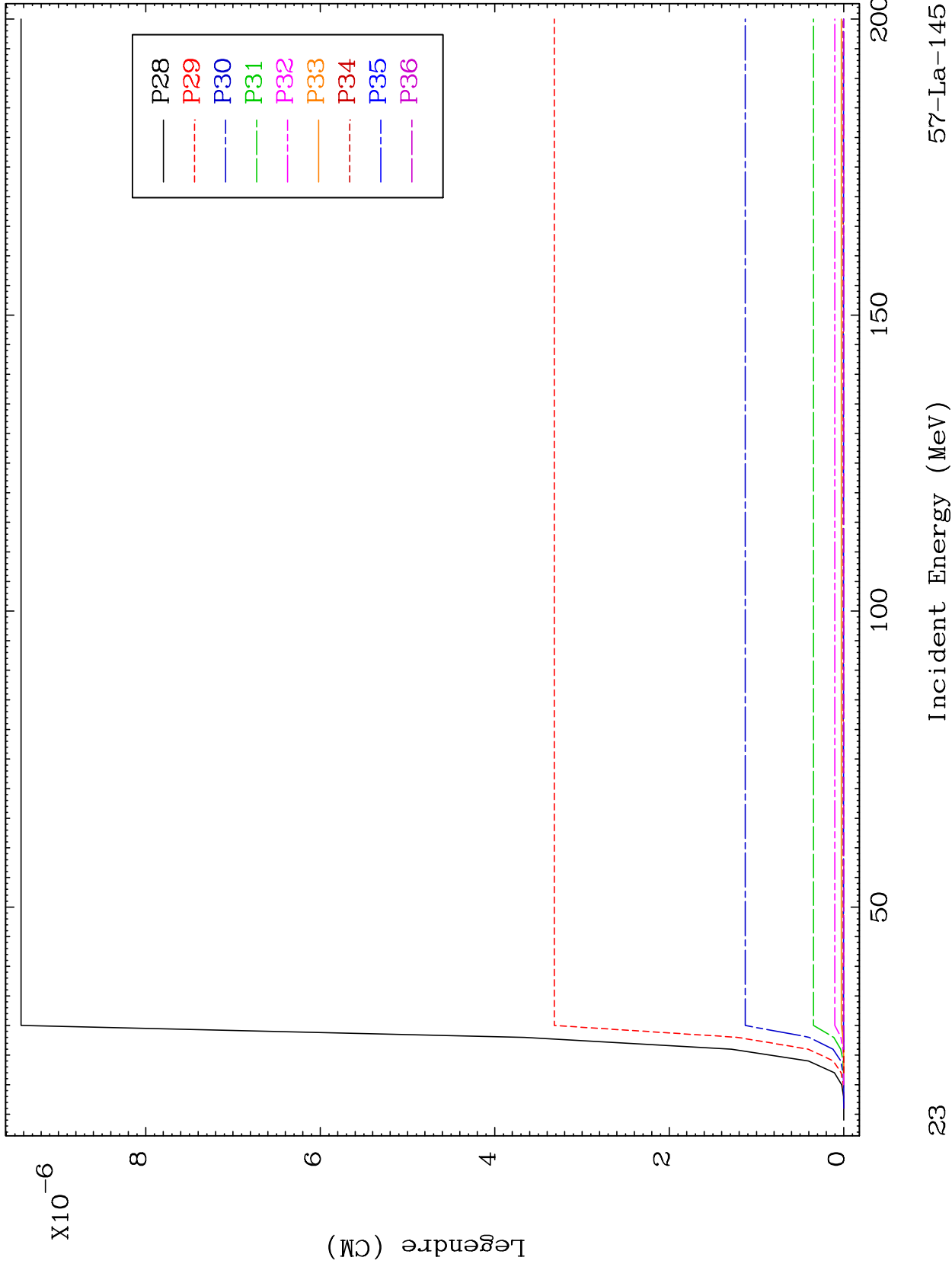
57-La-145



MAT 5746

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

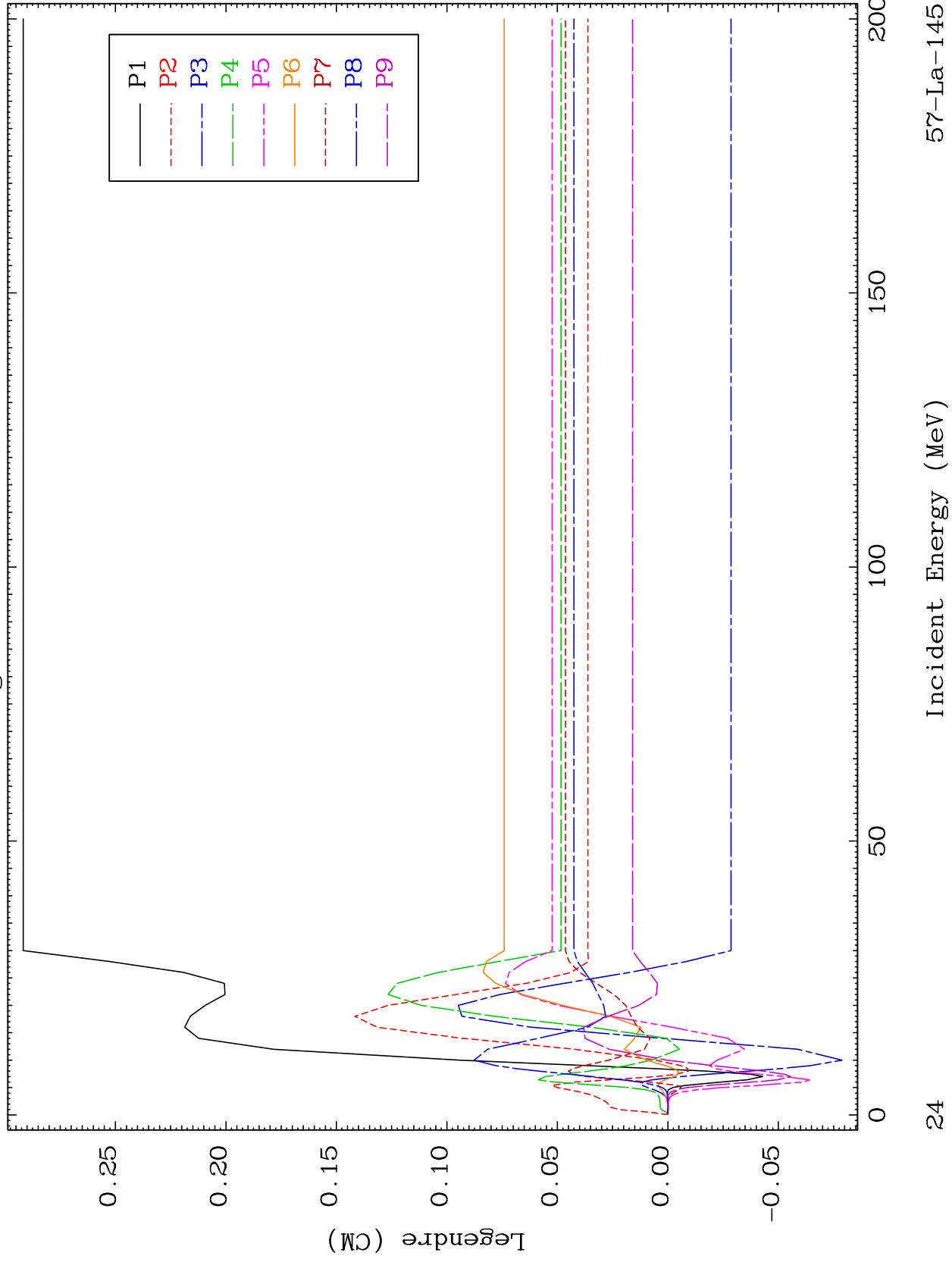
57-La-145



MAT 5746

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

57-La-145



57-La-145

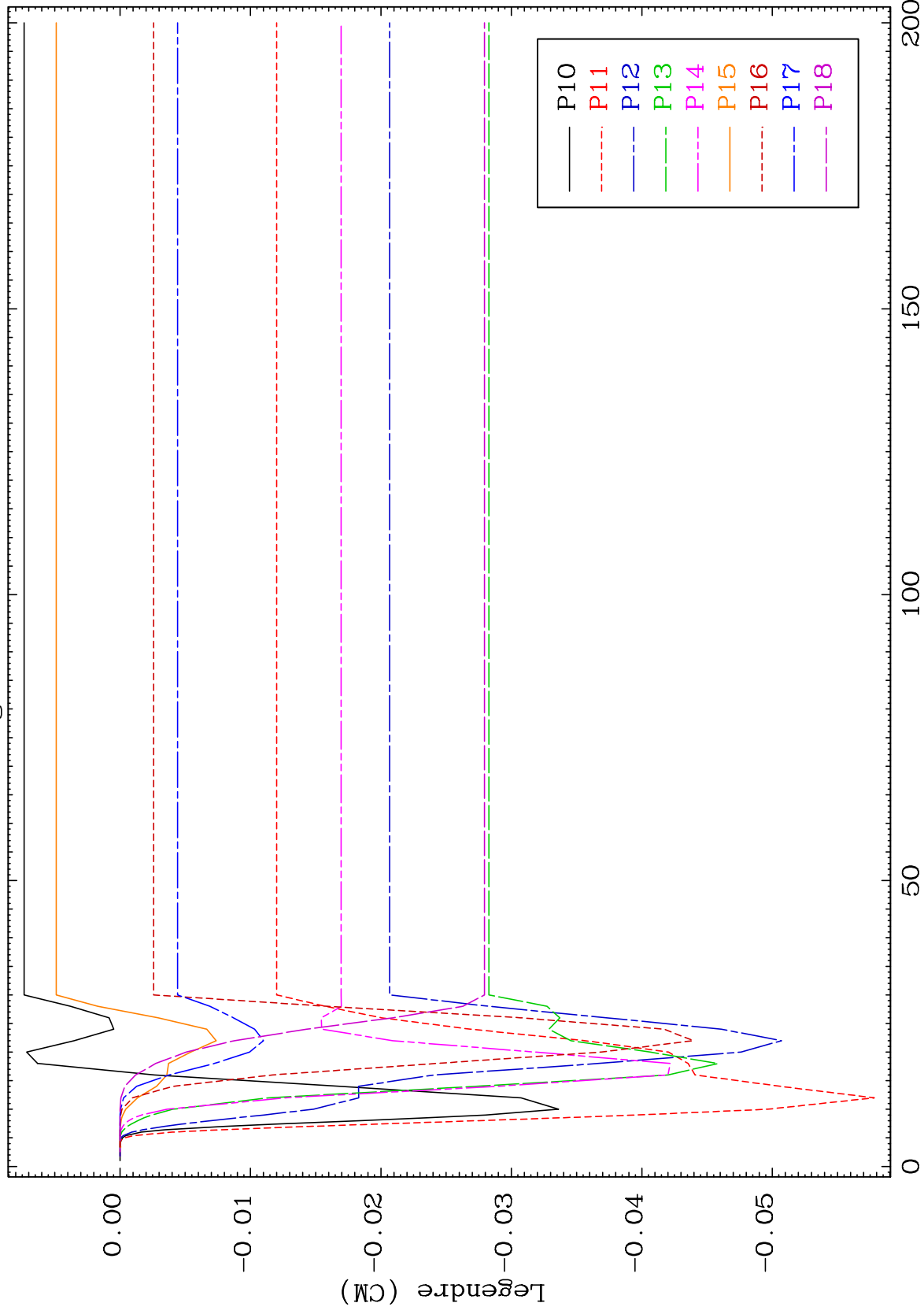
Incident Energy (MeV)

24

MAT 5746

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

57-La-145



25

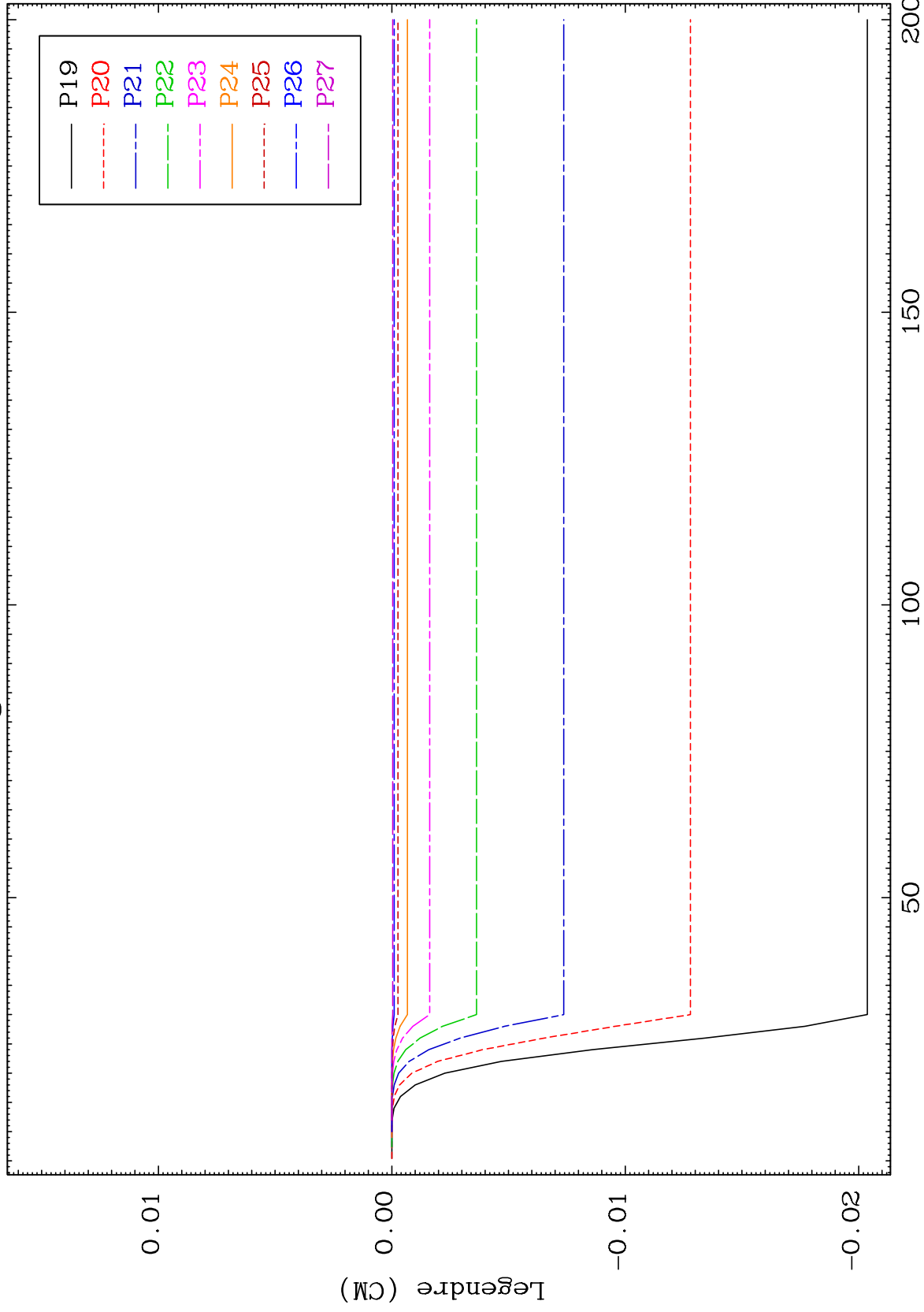
Incident Energy (MeV)

57-La-145

MAT 5746

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

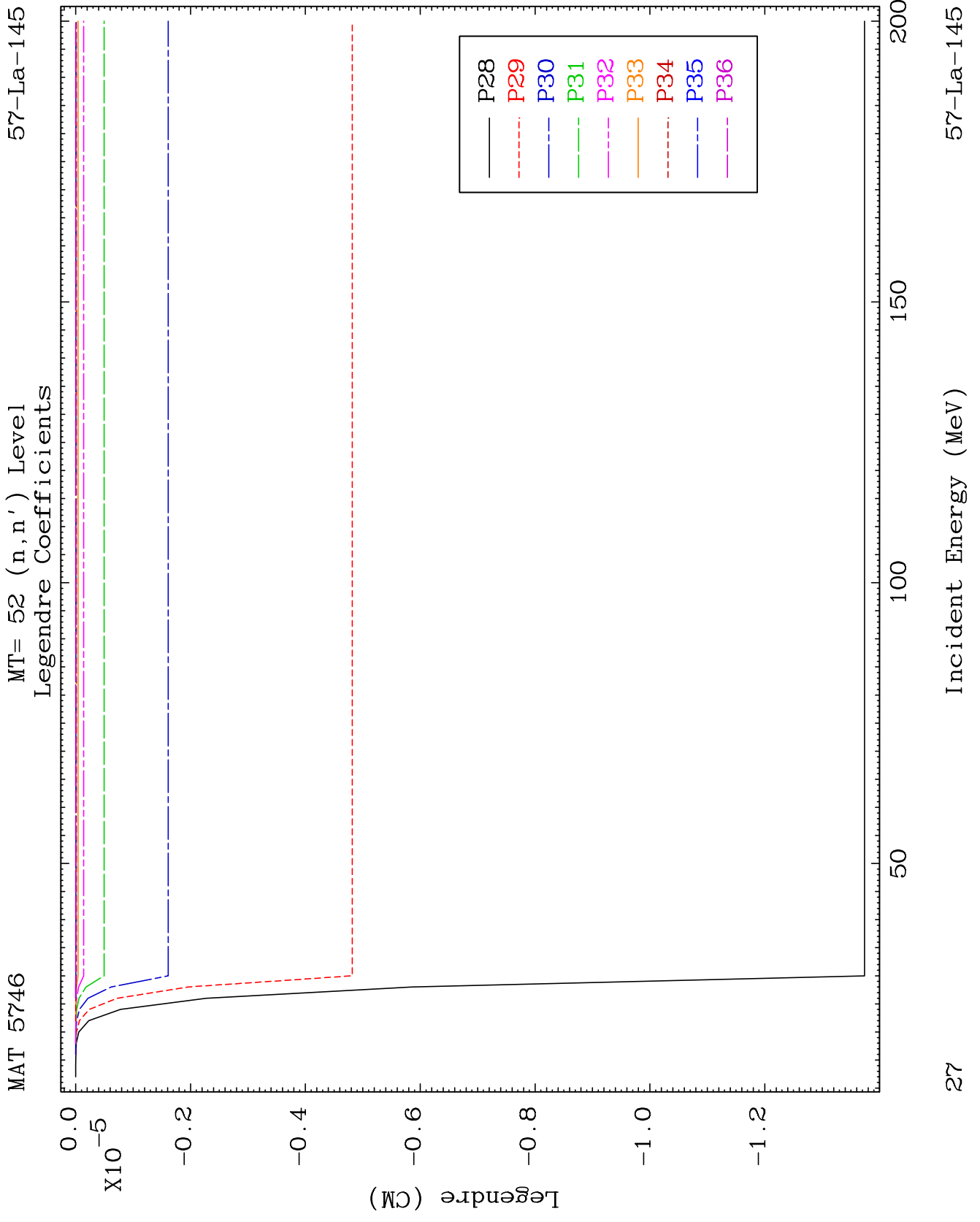
57-La-145



26

Incident Energy (MeV)

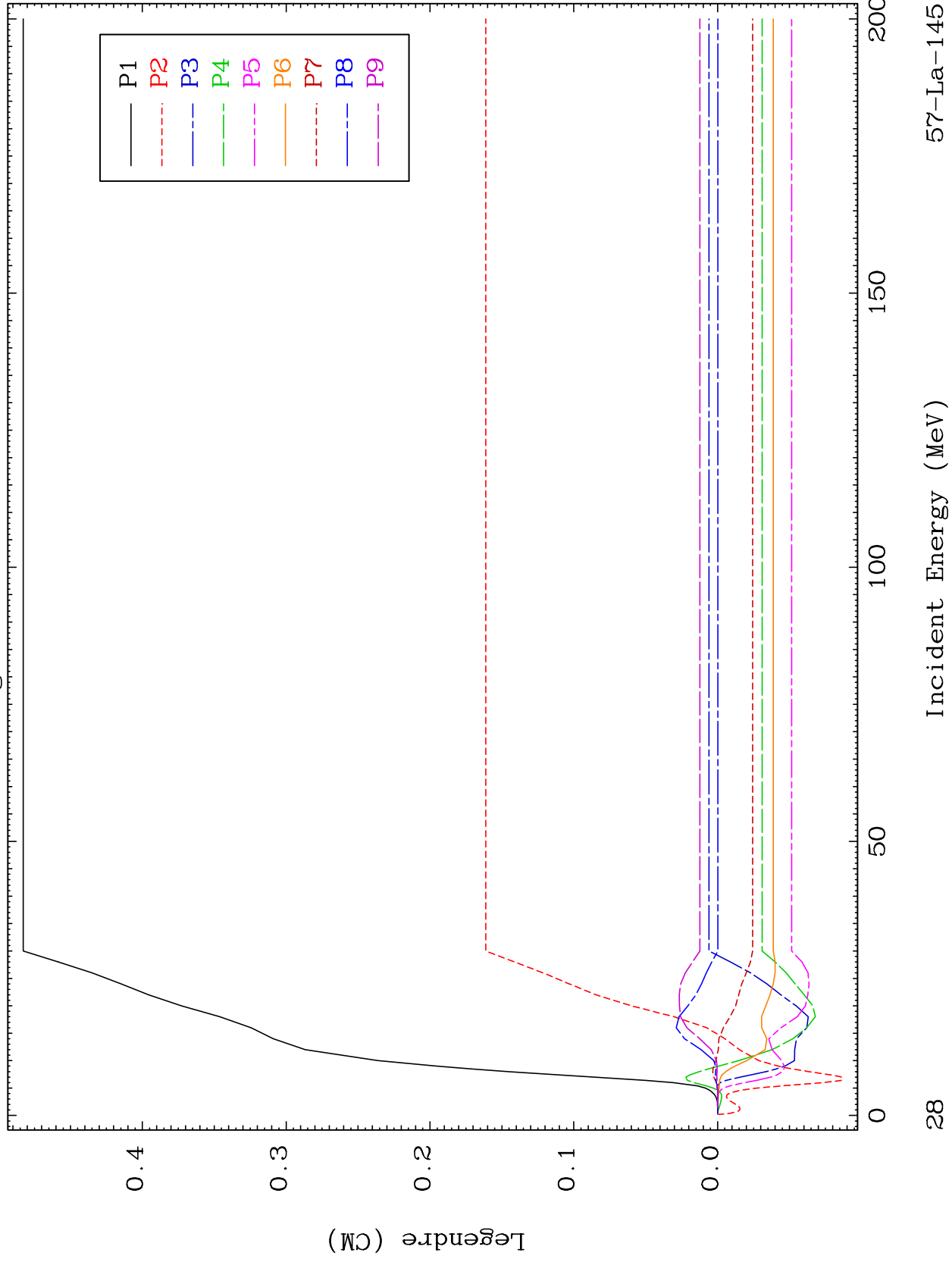
57-La-145



MAT 5746

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

57-La-145



57-La-145

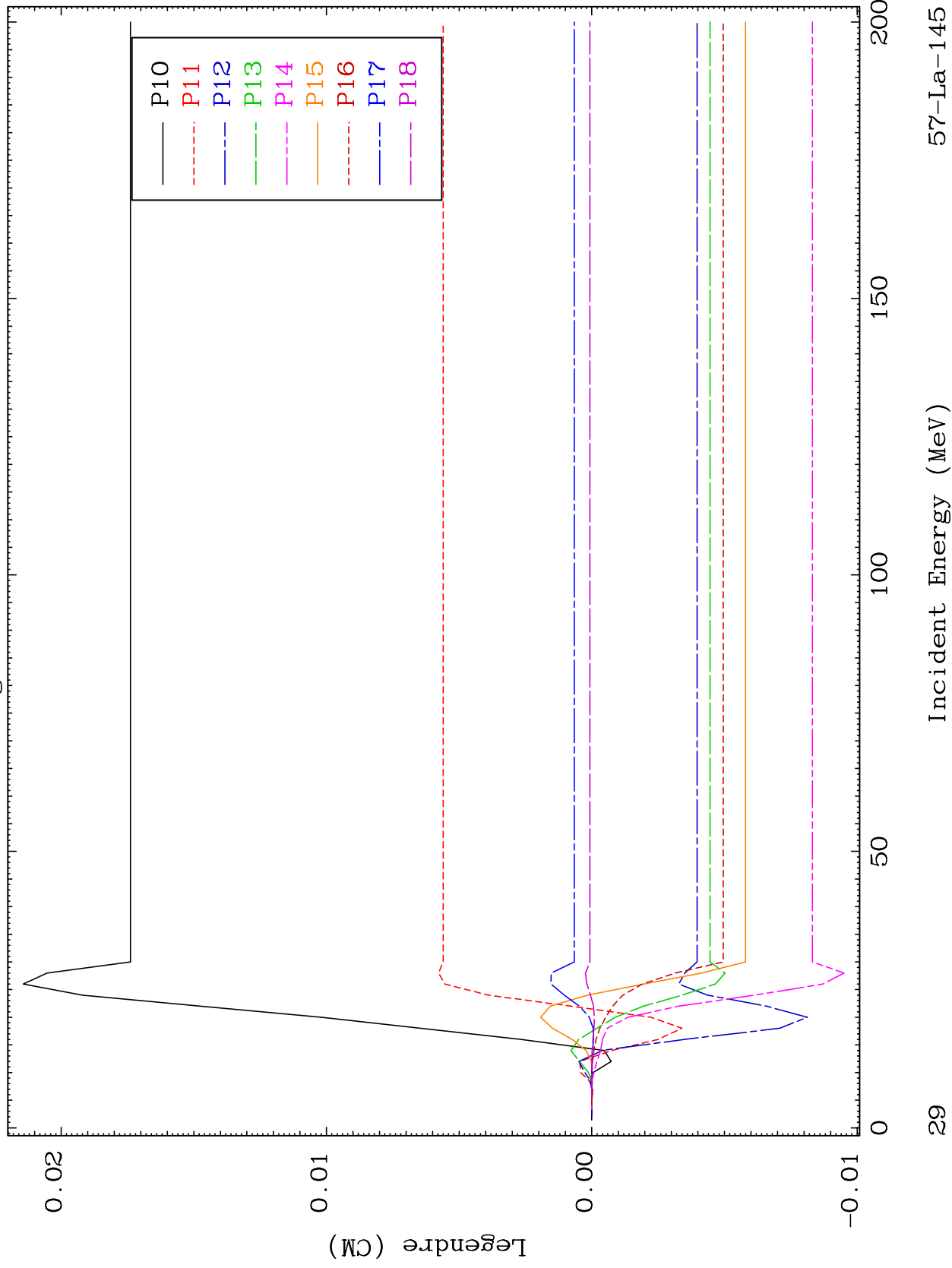
Incident Energy (MeV)

28

MAT 5746

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

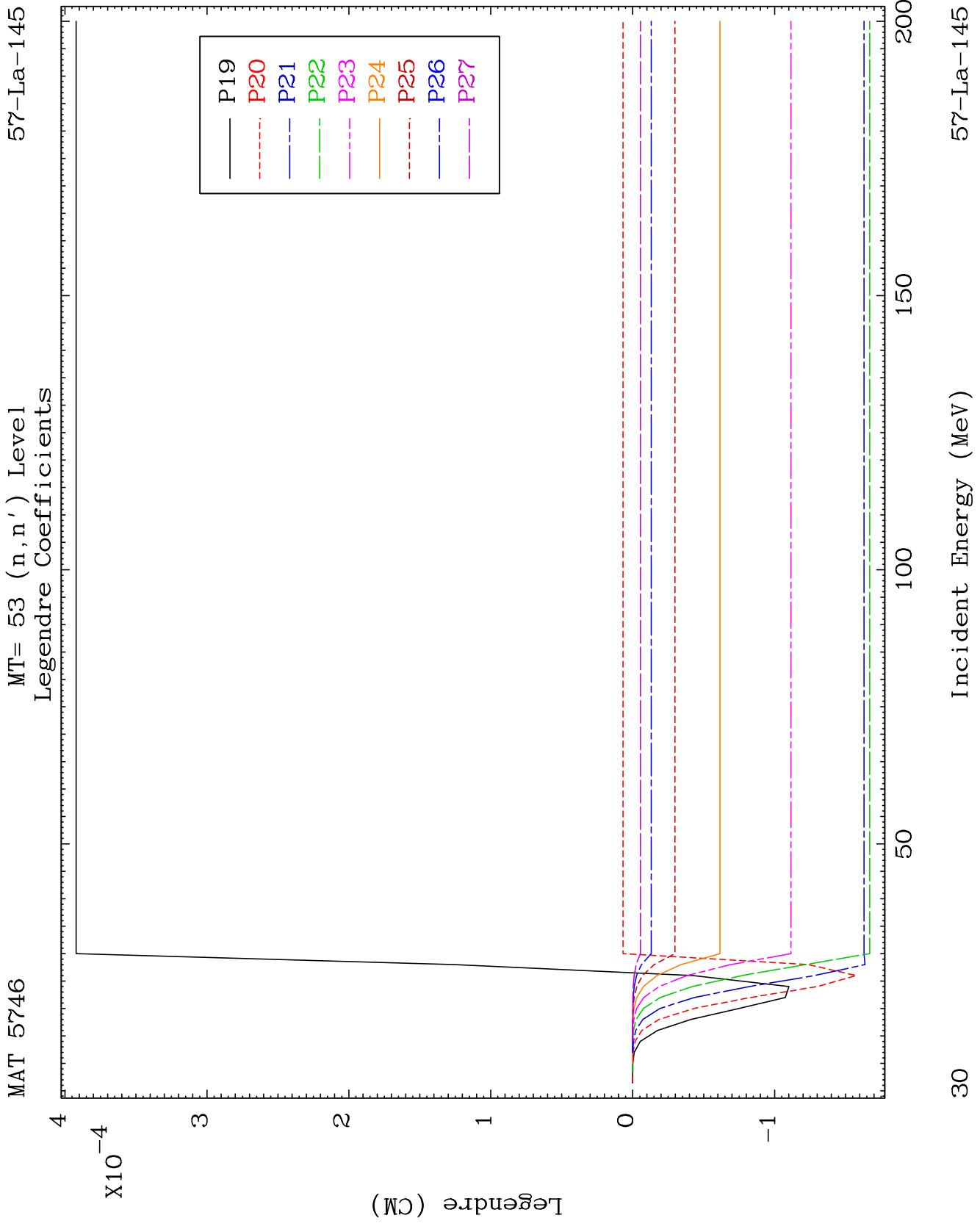
57-La-145

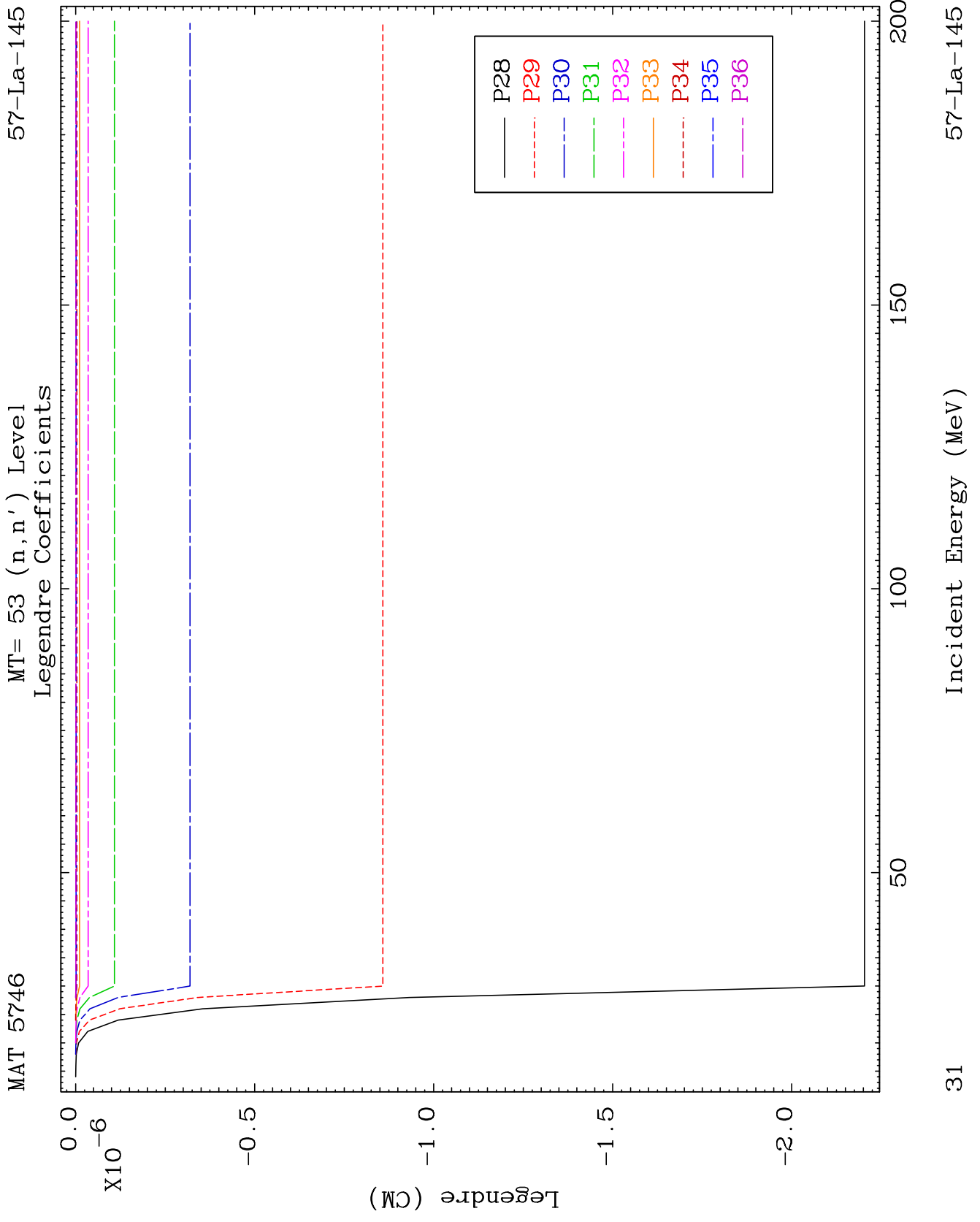


29

Incident Energy (MeV)

57-La-145

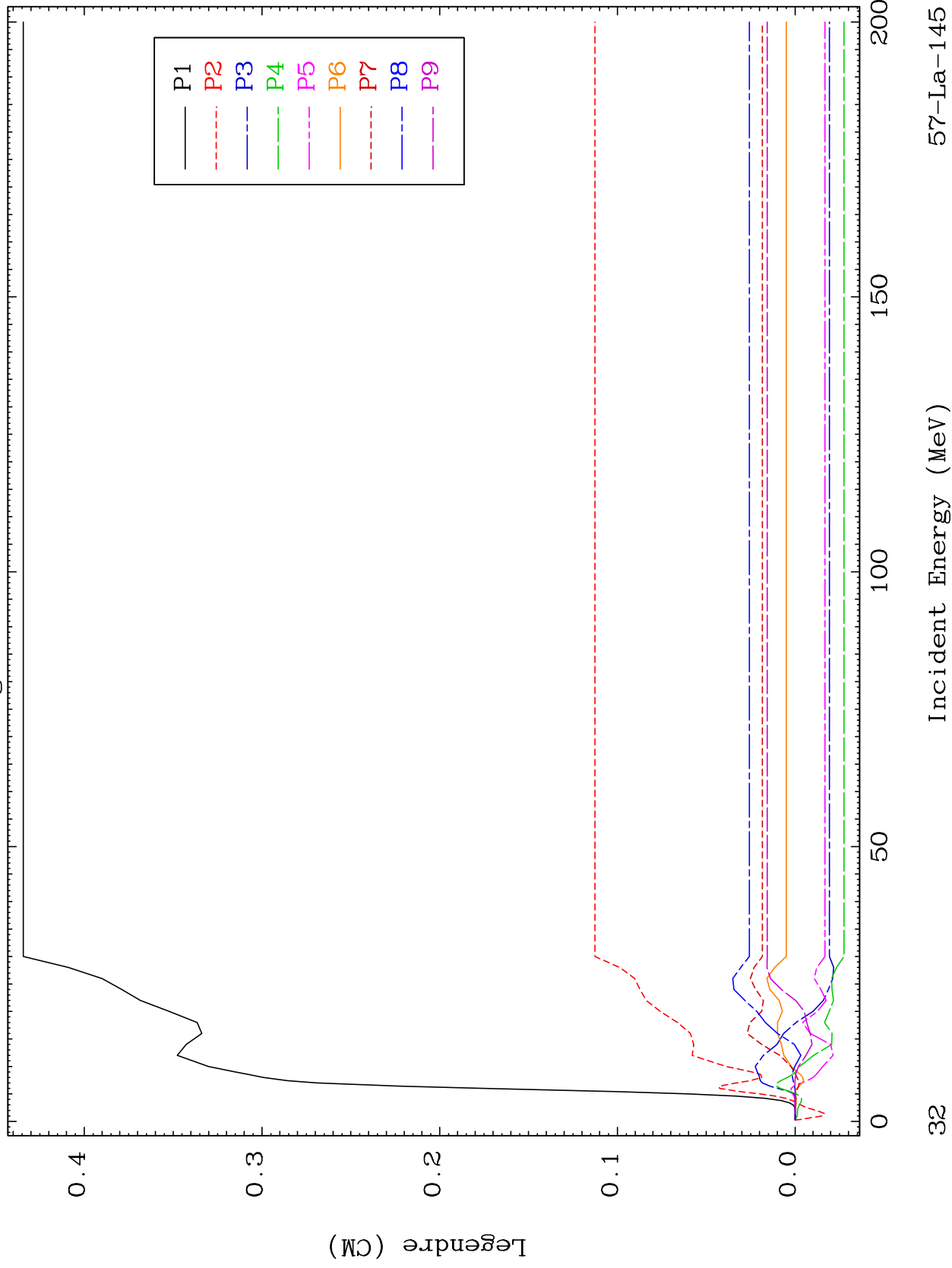




MAT 5746

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

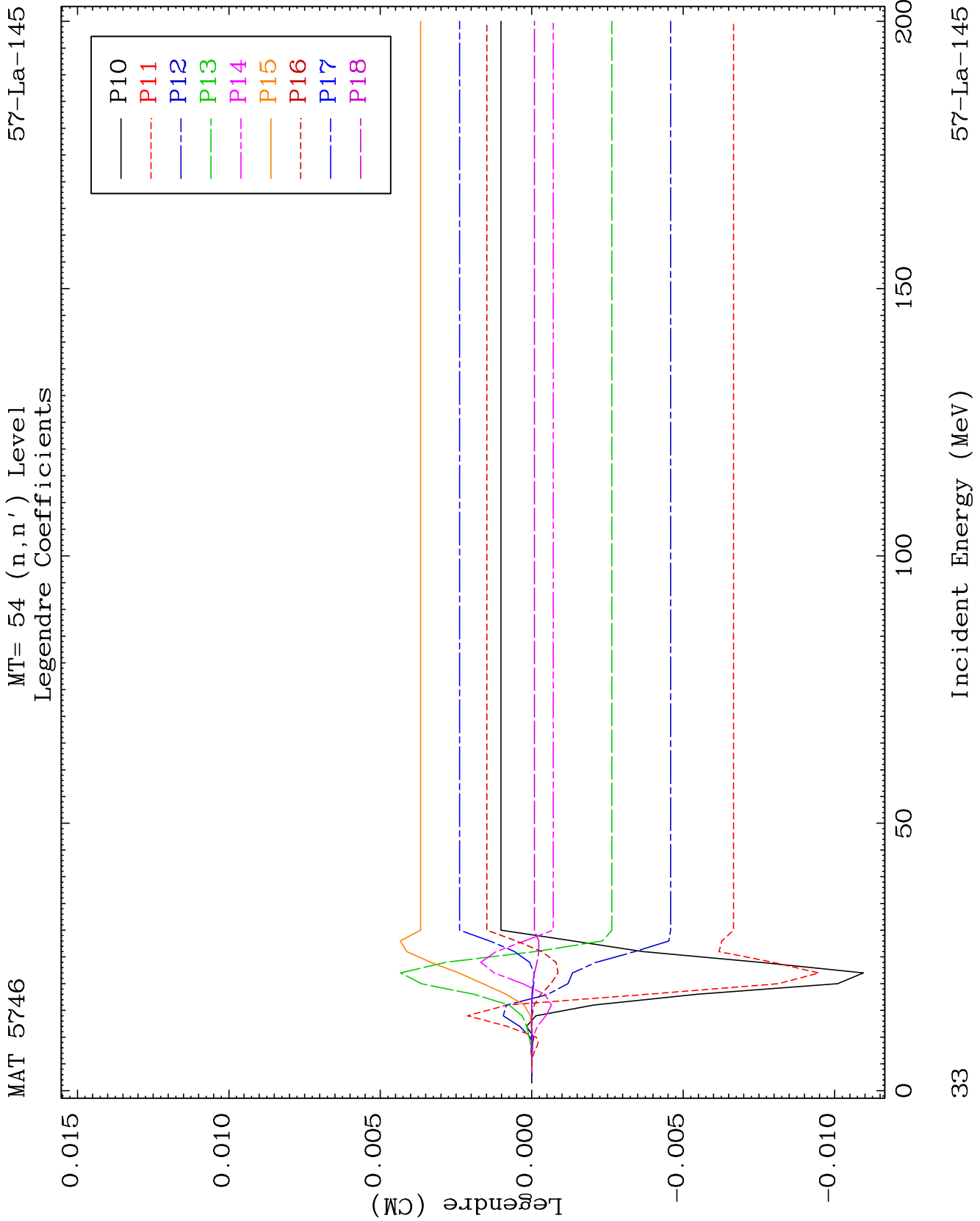
57-La-145

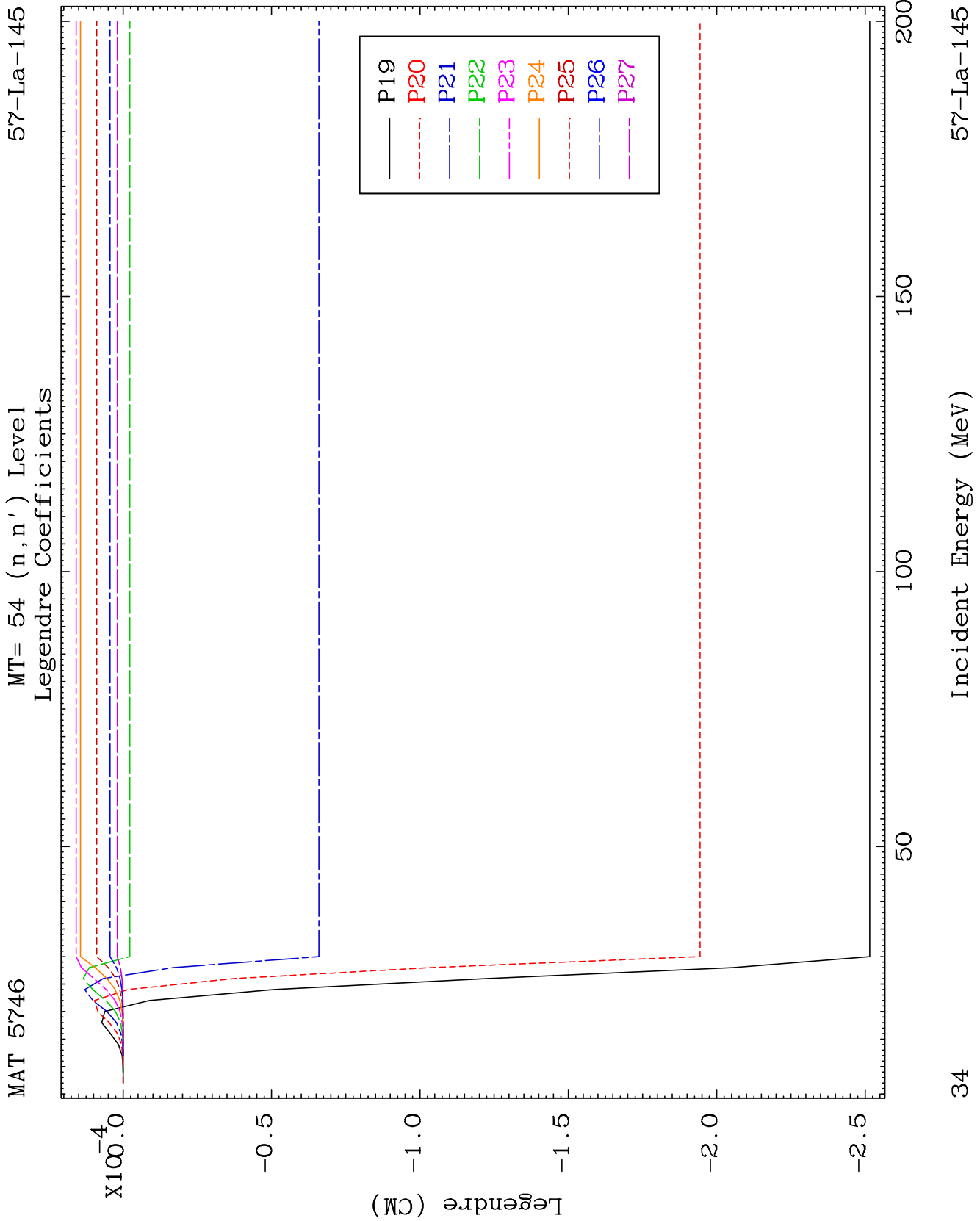


57-La-145

Incident Energy (MeV)

32

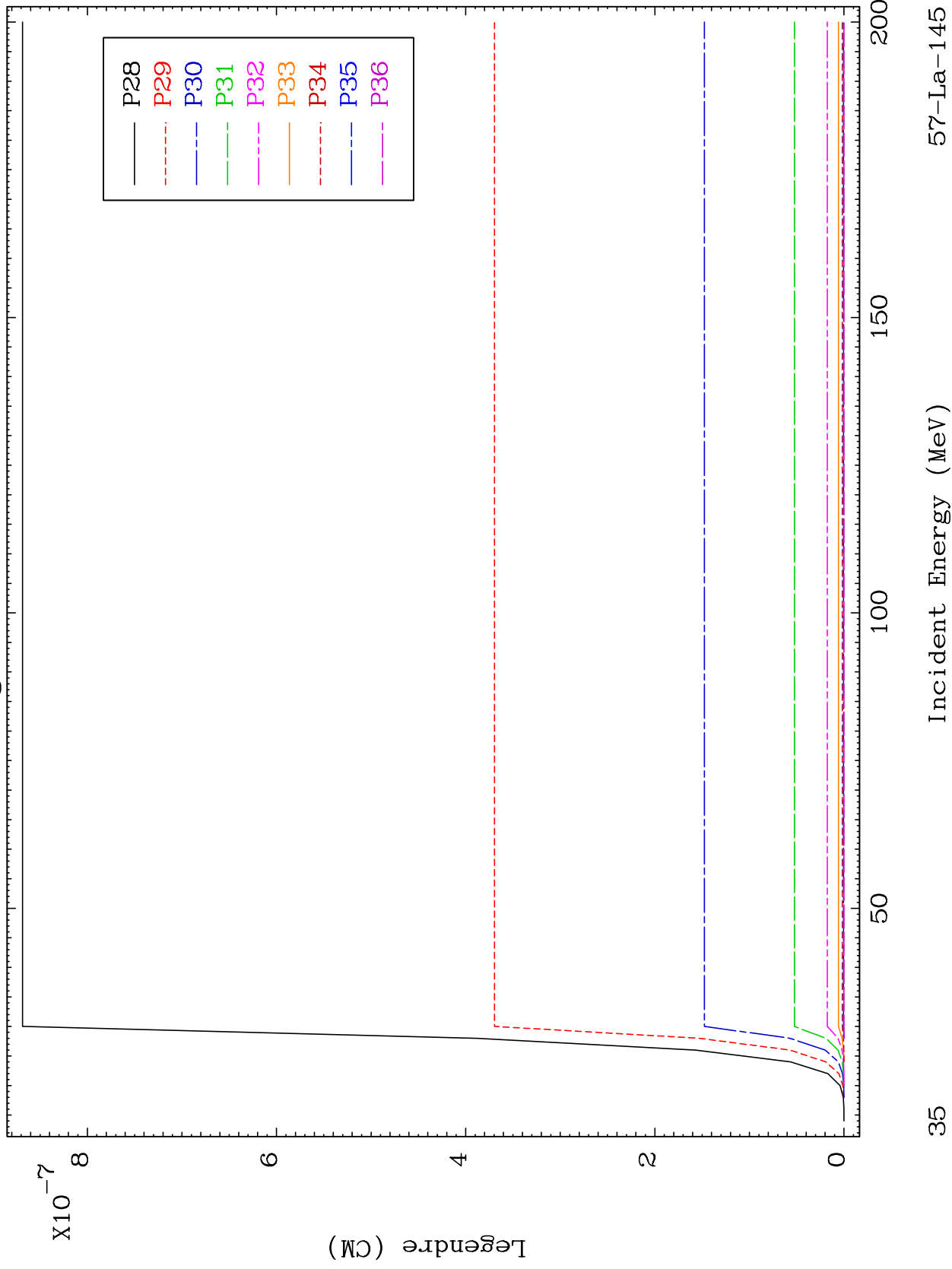




MAT 5746

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

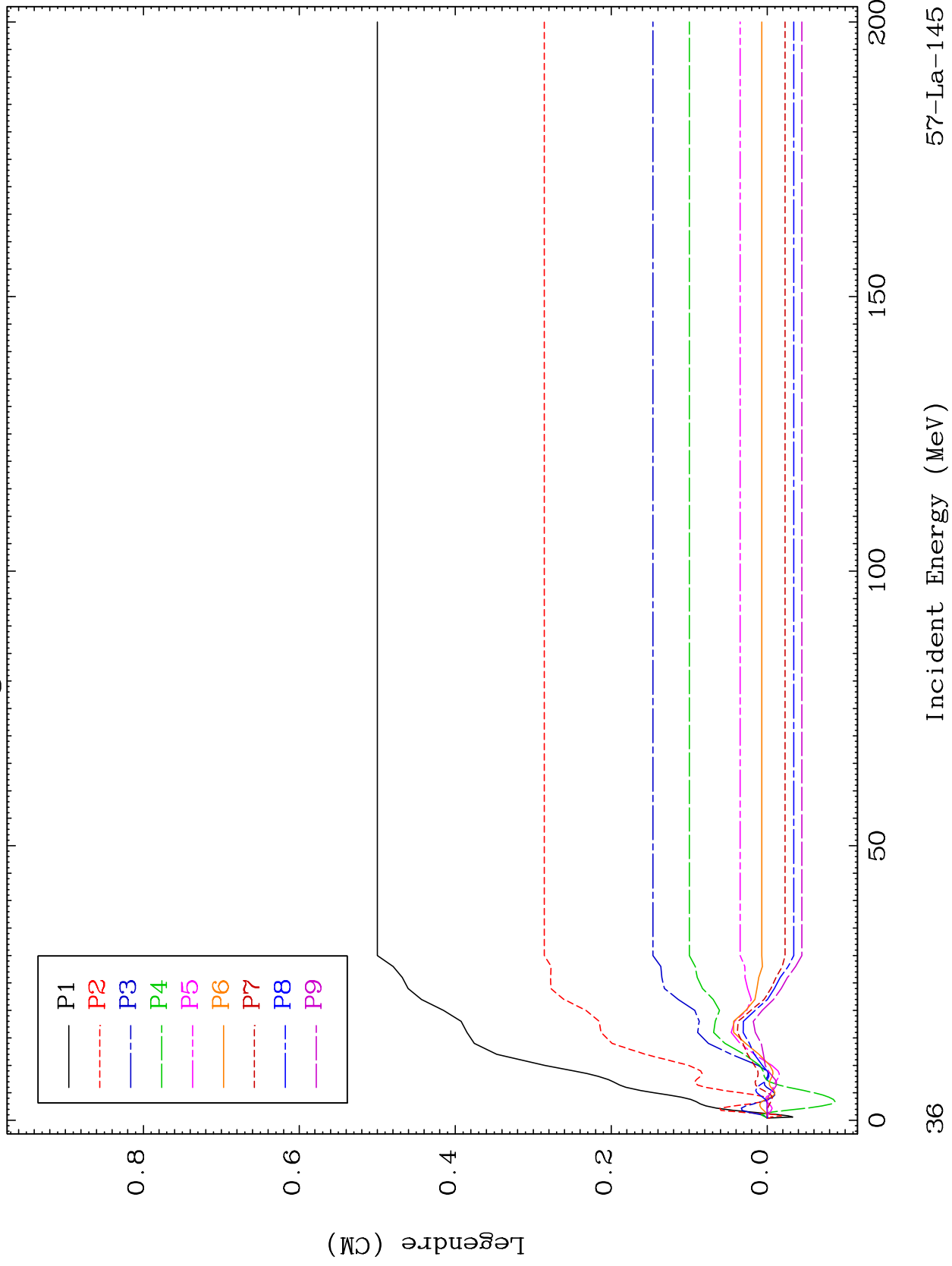
57-La-145



MAT 5746

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

57-La-145



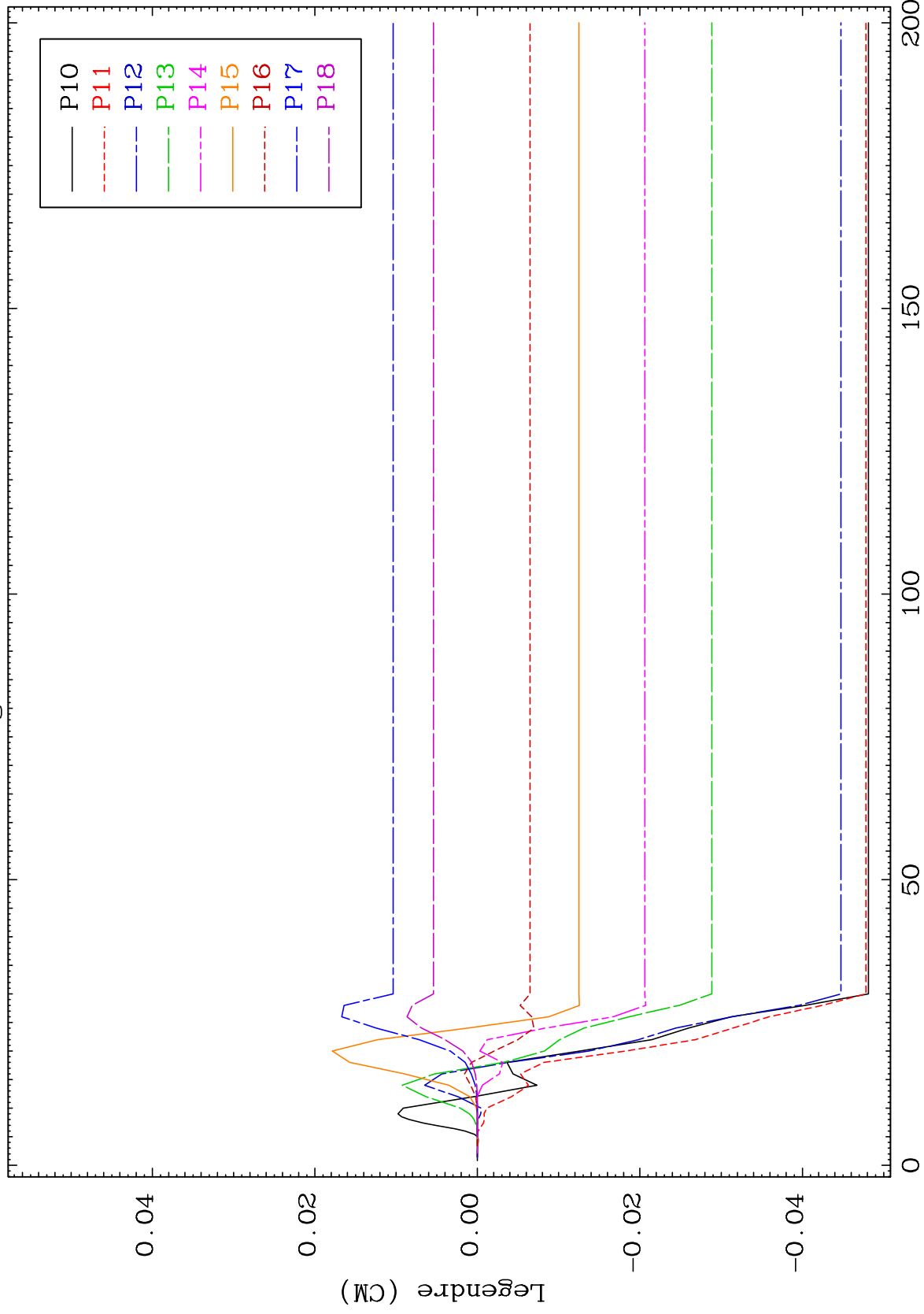
36

57-La-145

MAT 5746

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

57-La-145



37

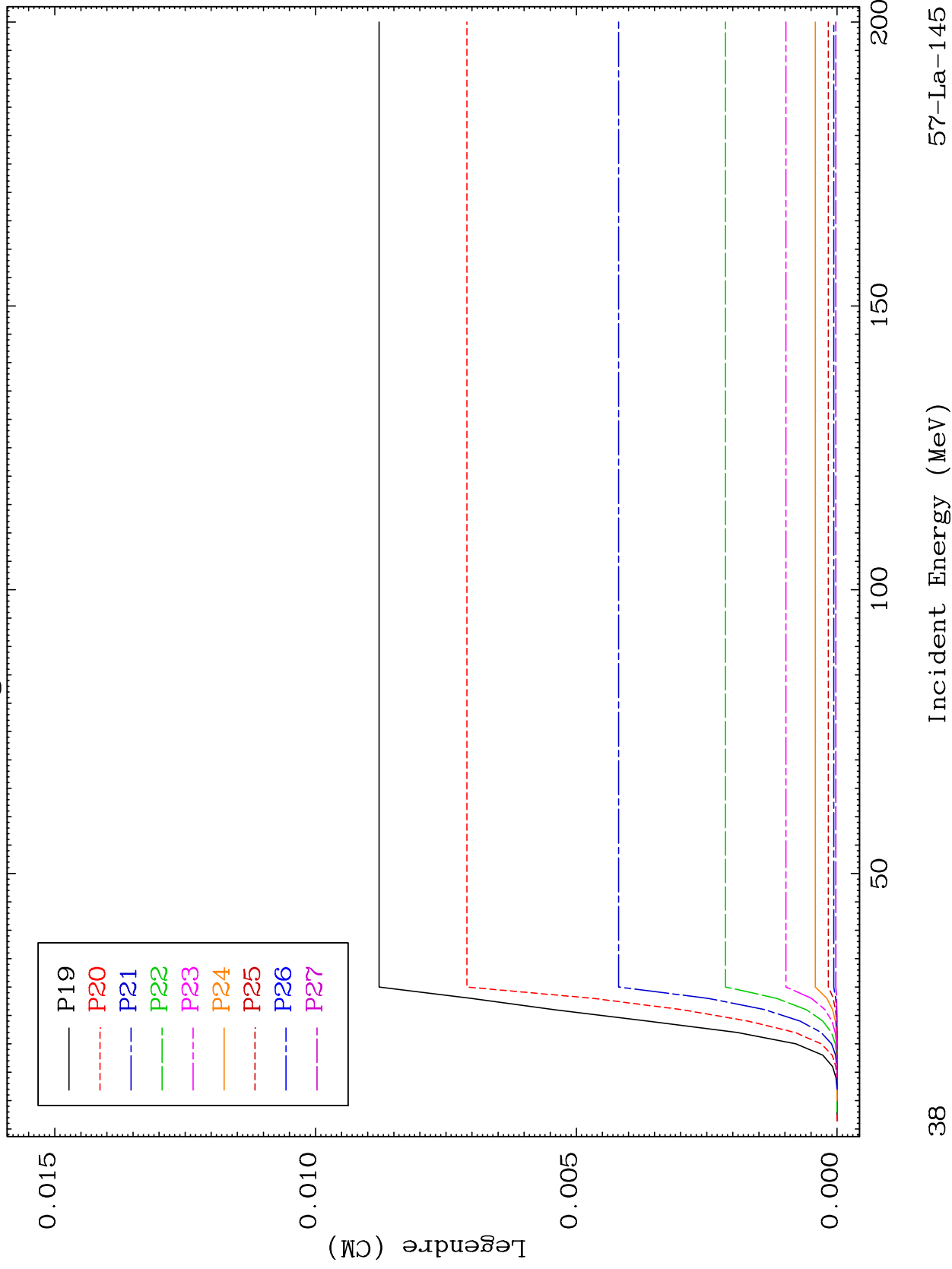
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



38

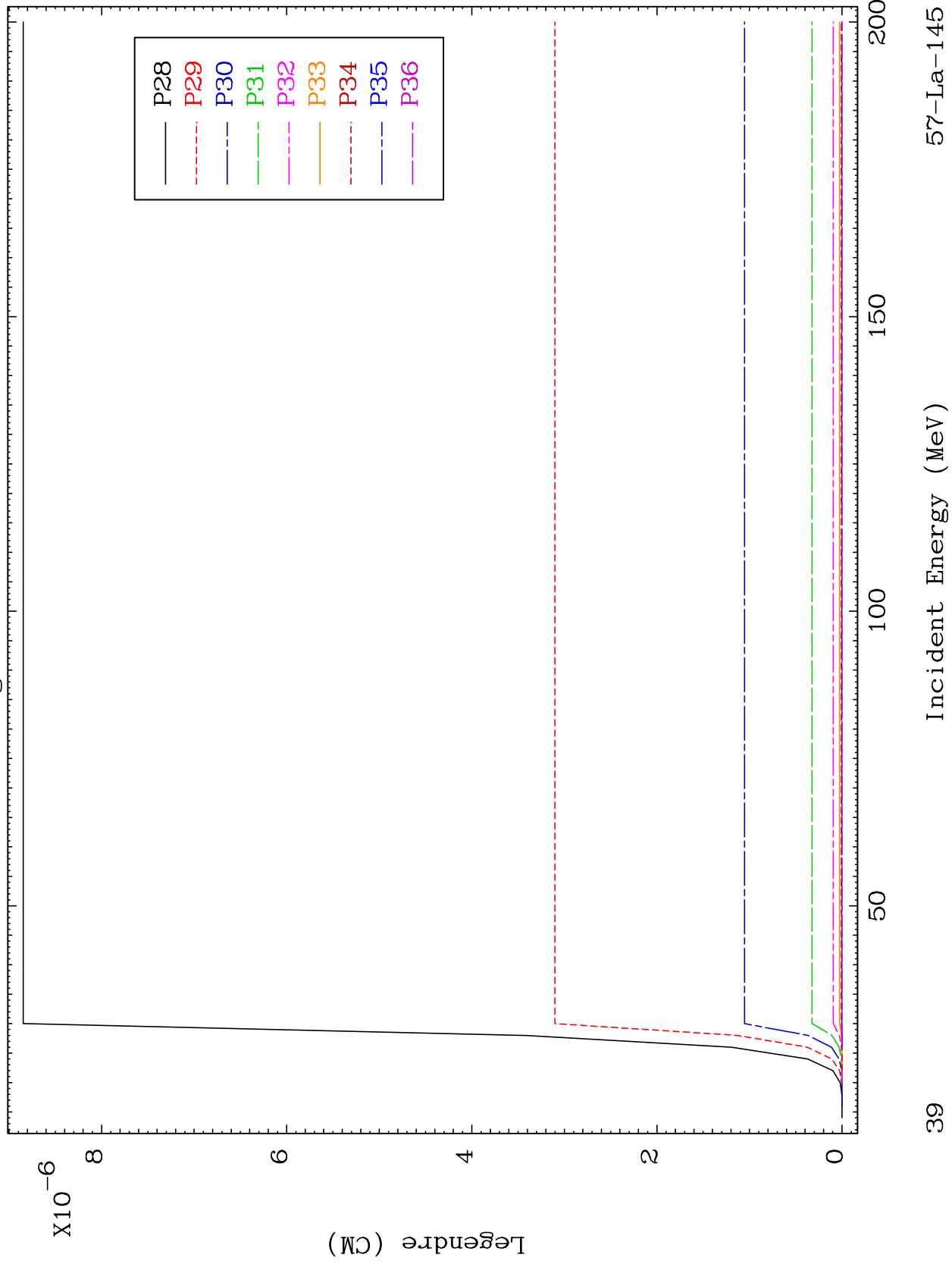
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



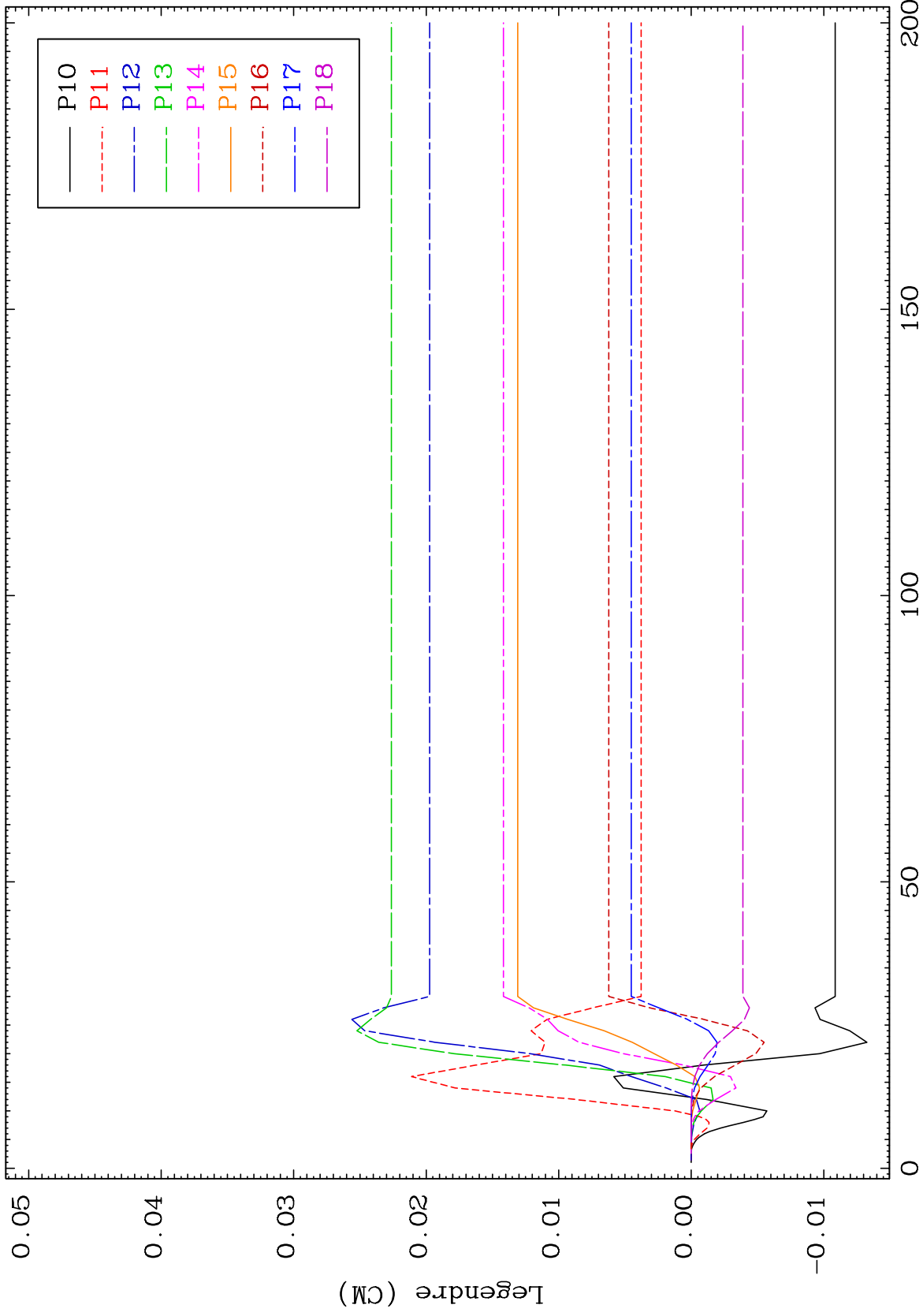
39

57-La-145

MAT 5746

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

57-La-145



41

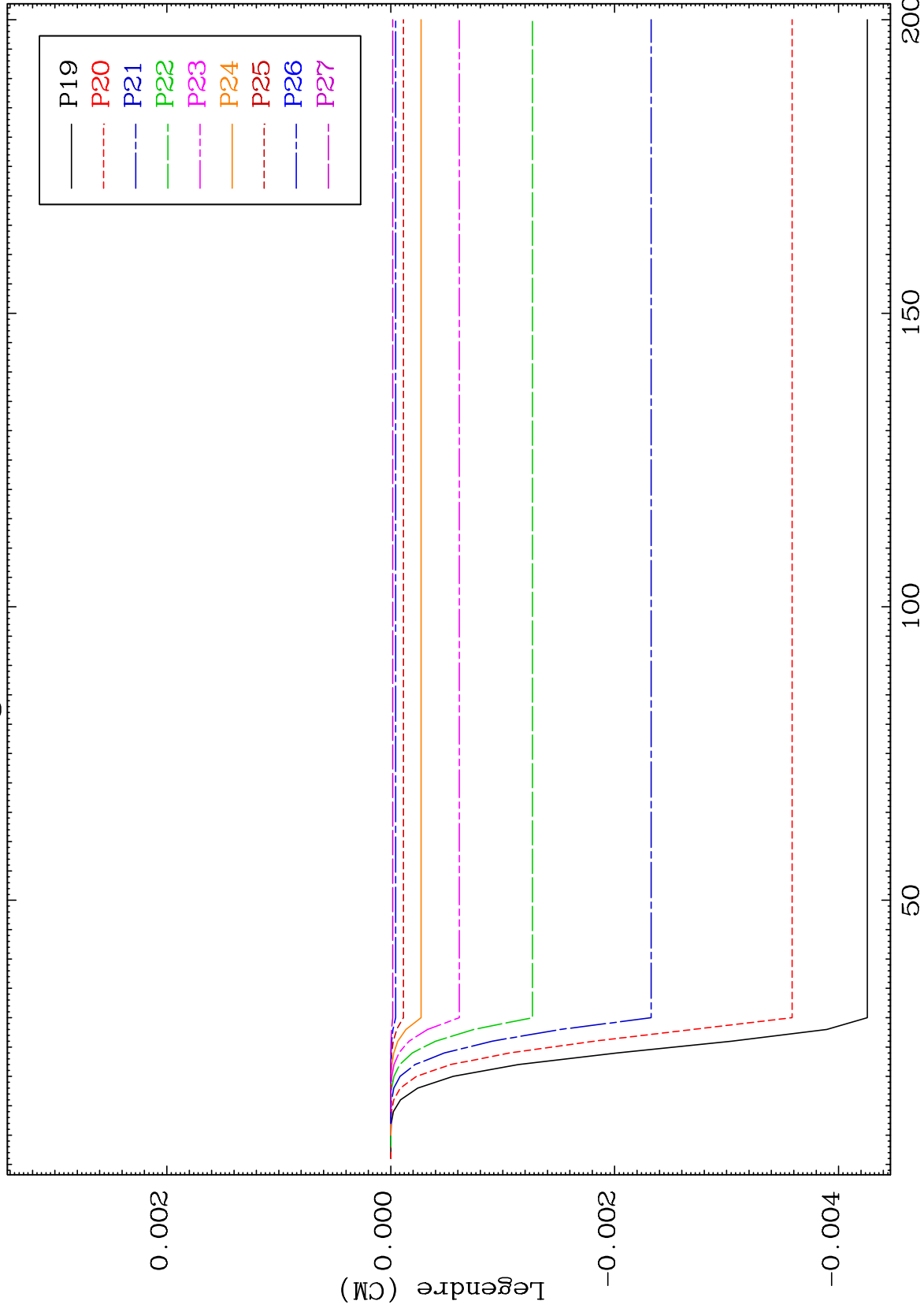
Incident Energy (MeV)

57-La-145

MAT 5746

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

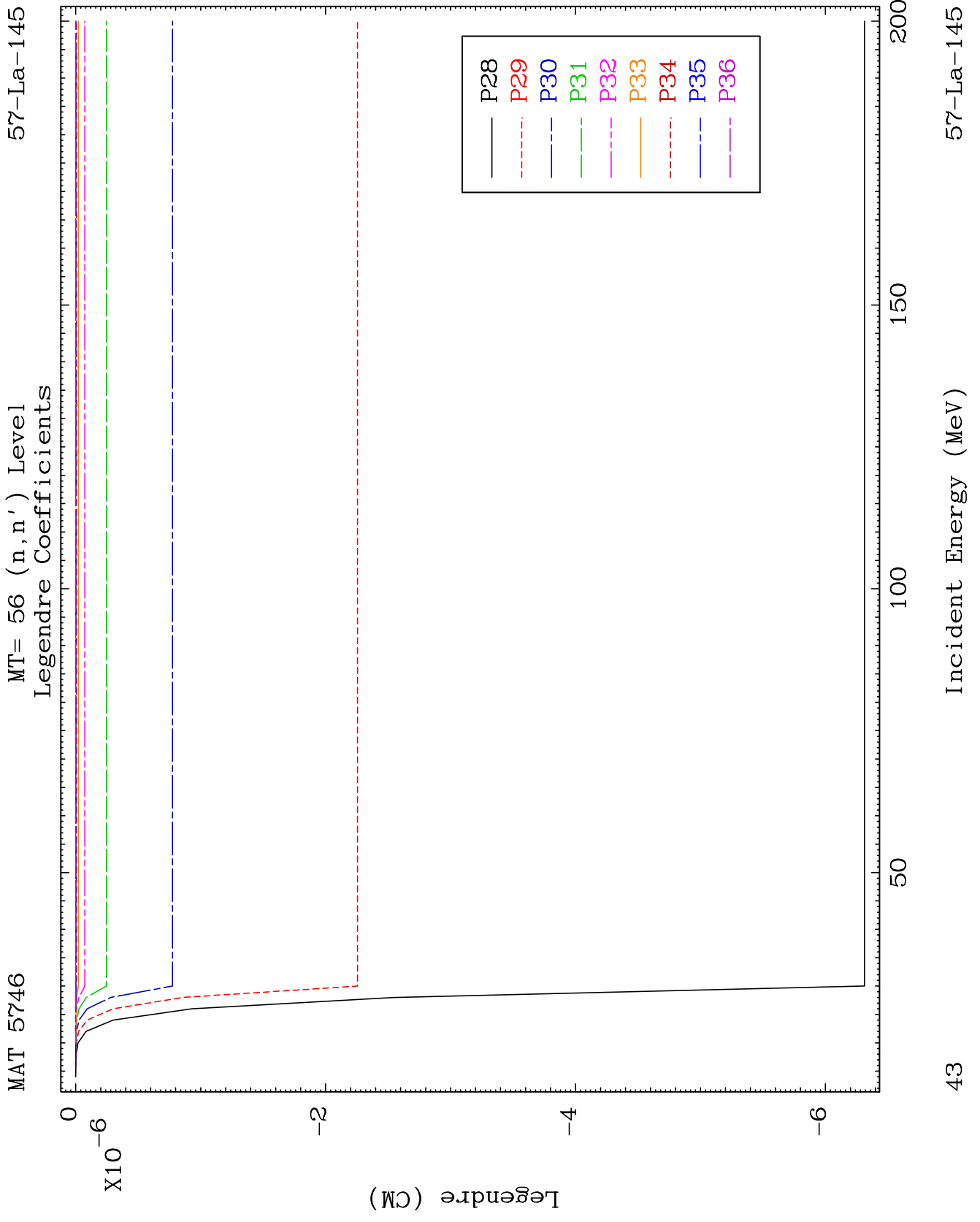
57-La-145



42

Incident Energy (MeV)

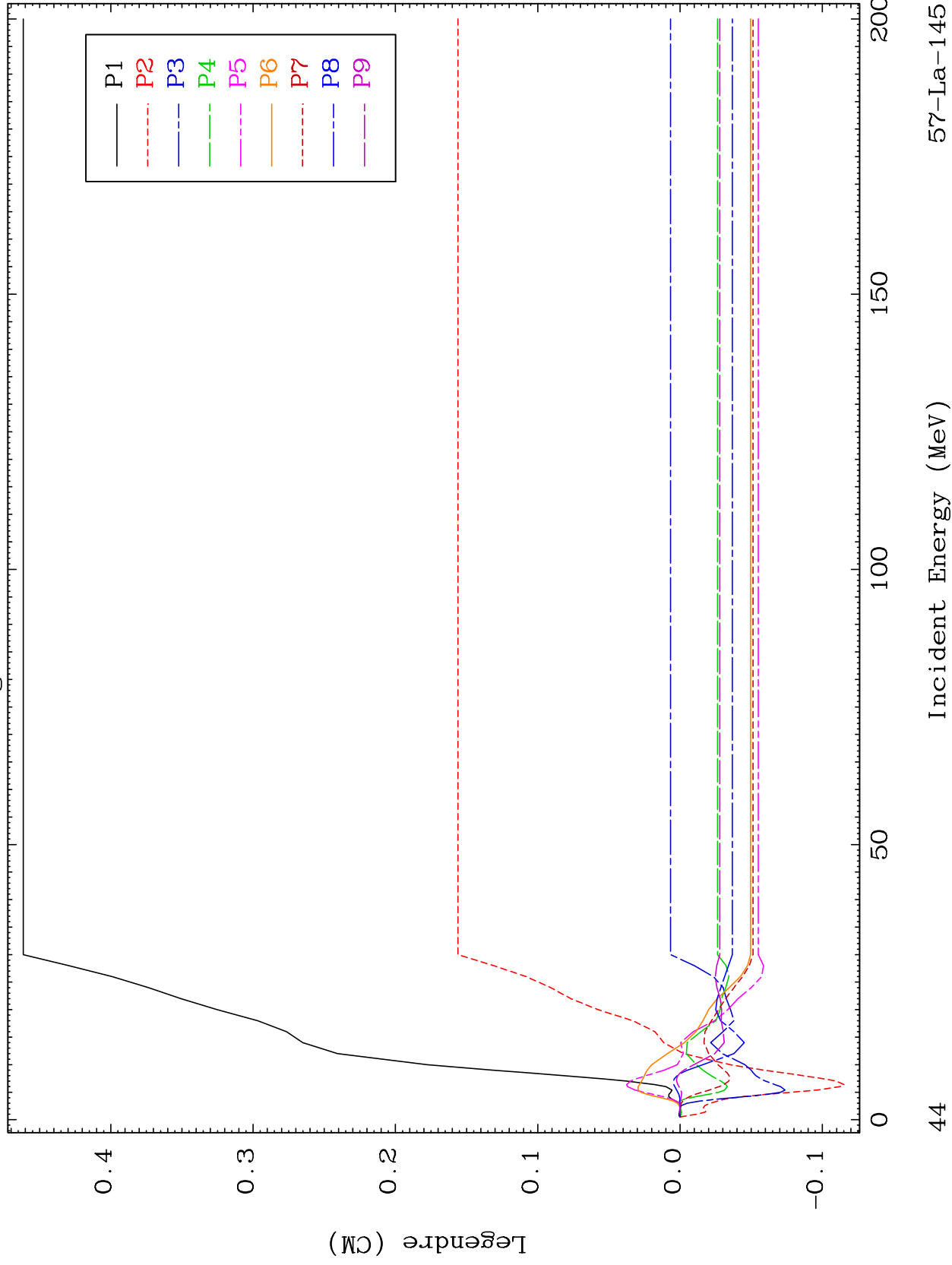
57-La-145



MAT 5746

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

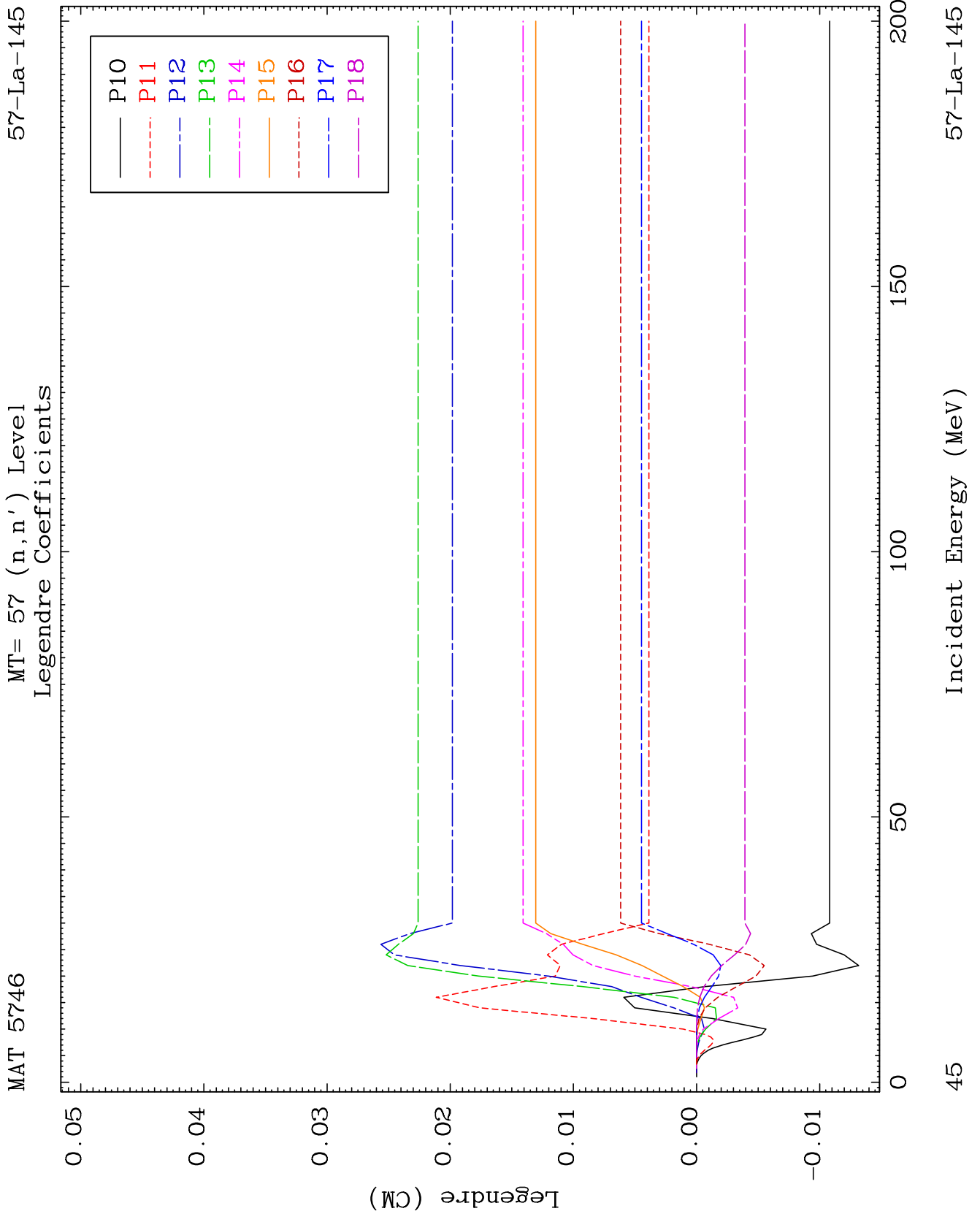
57-La-145



44

Incident Energy (MeV)

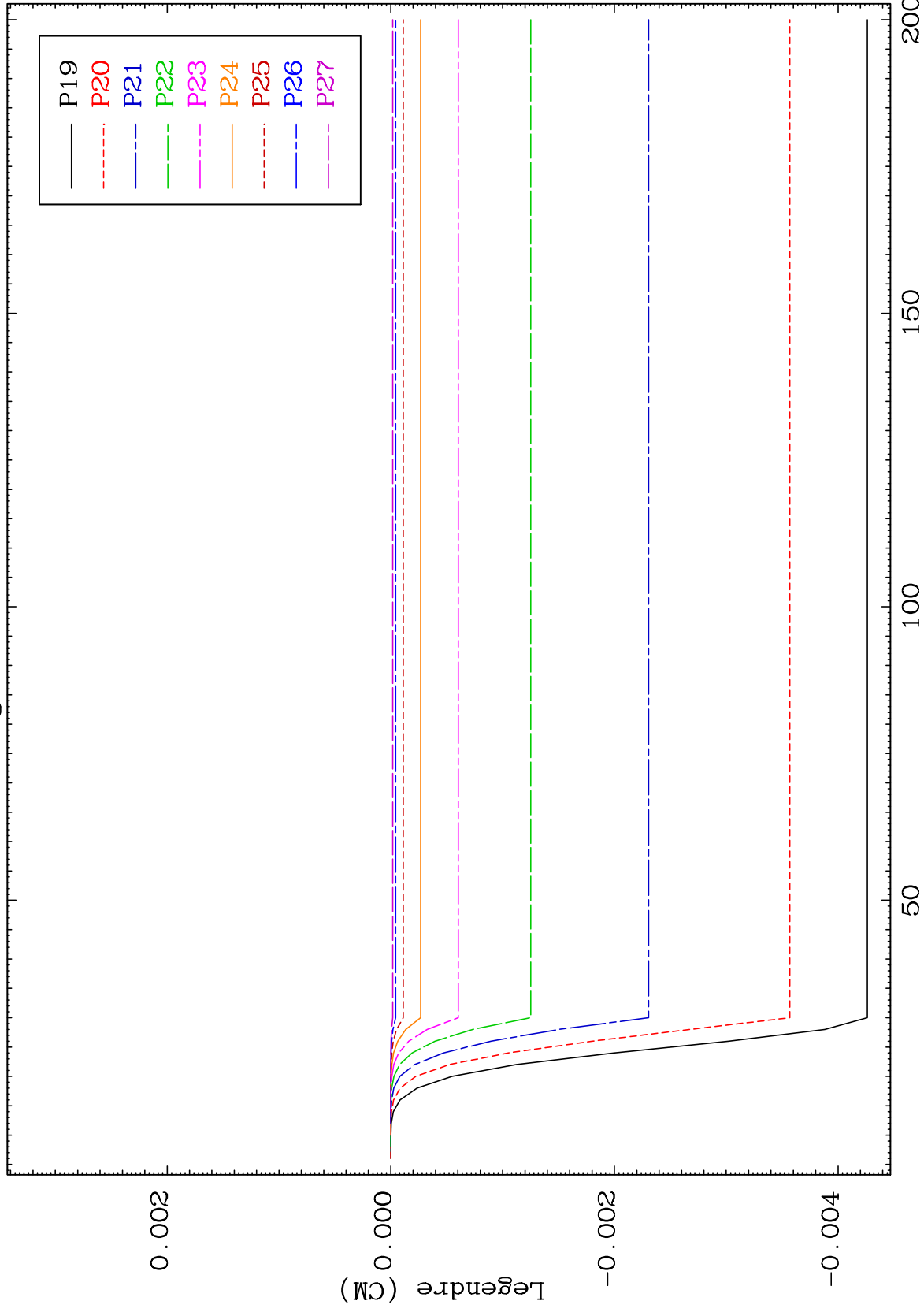
57-La-145



MAT 5746

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

57-La-145



46

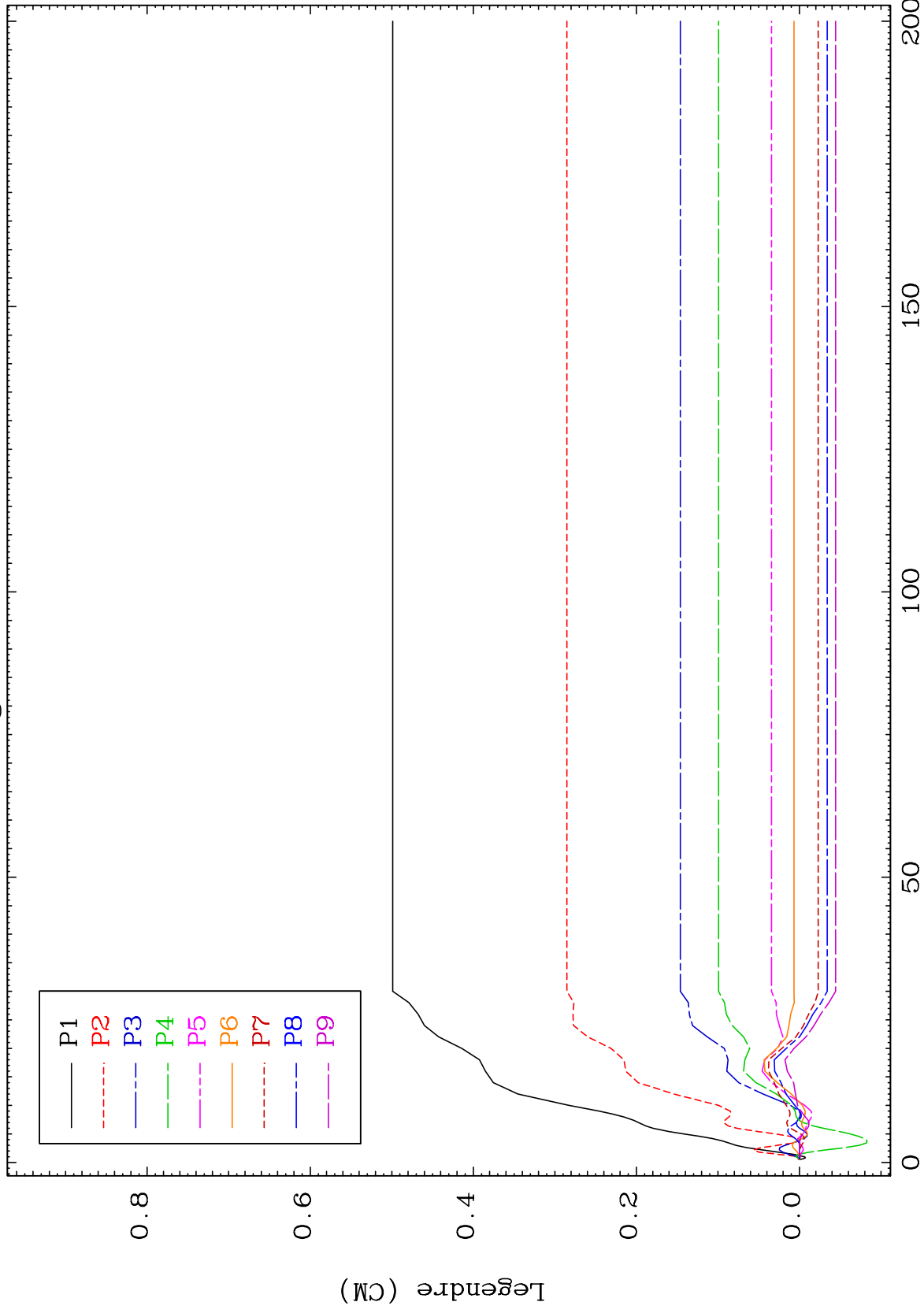
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



57-La-145

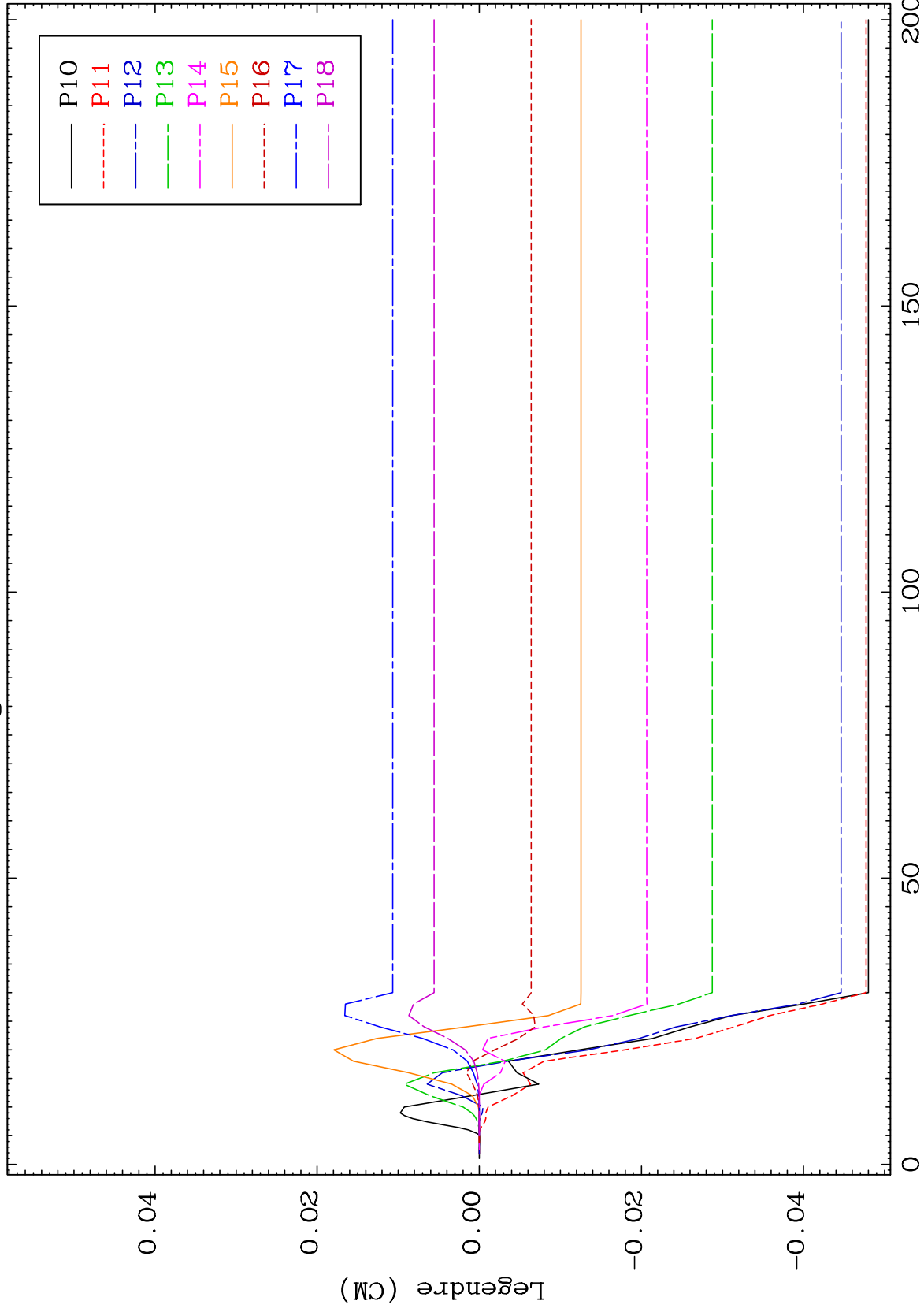
Incident Energy (MeV)

48

MAT 5746

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

57-La-145



49

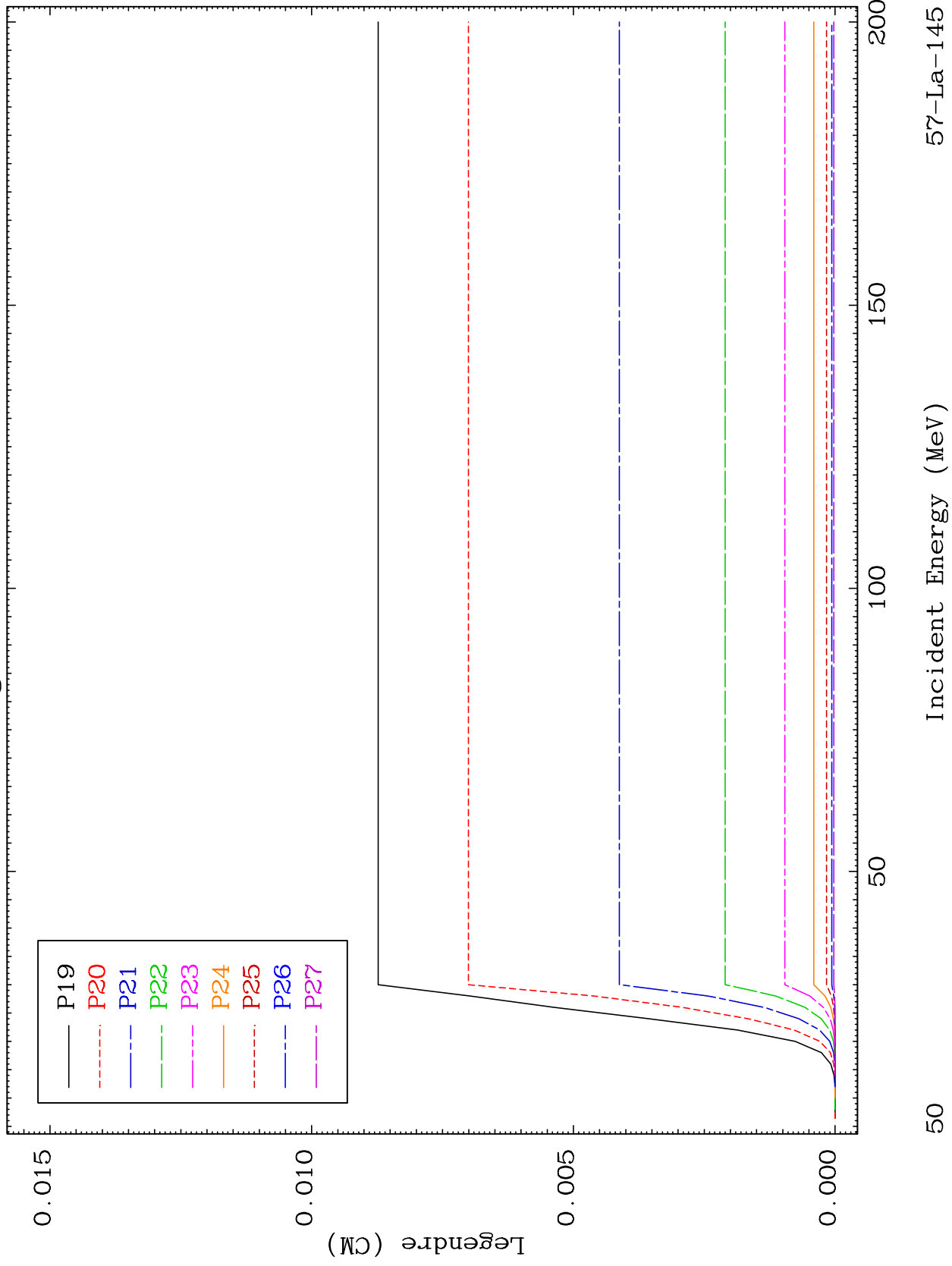
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



57-La-145

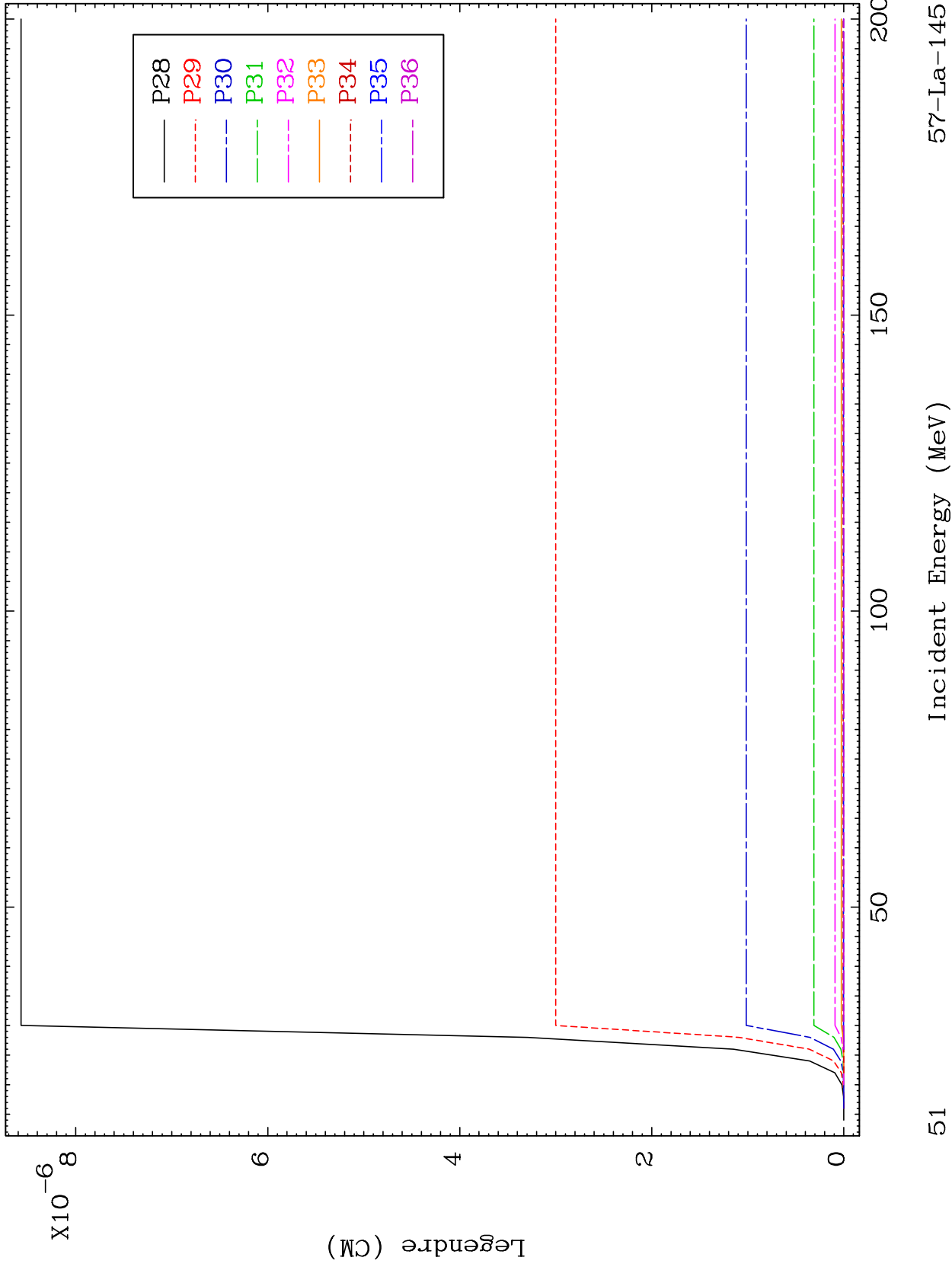
Incident Energy (MeV)

50

MAT 5746

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

57-La-145



51

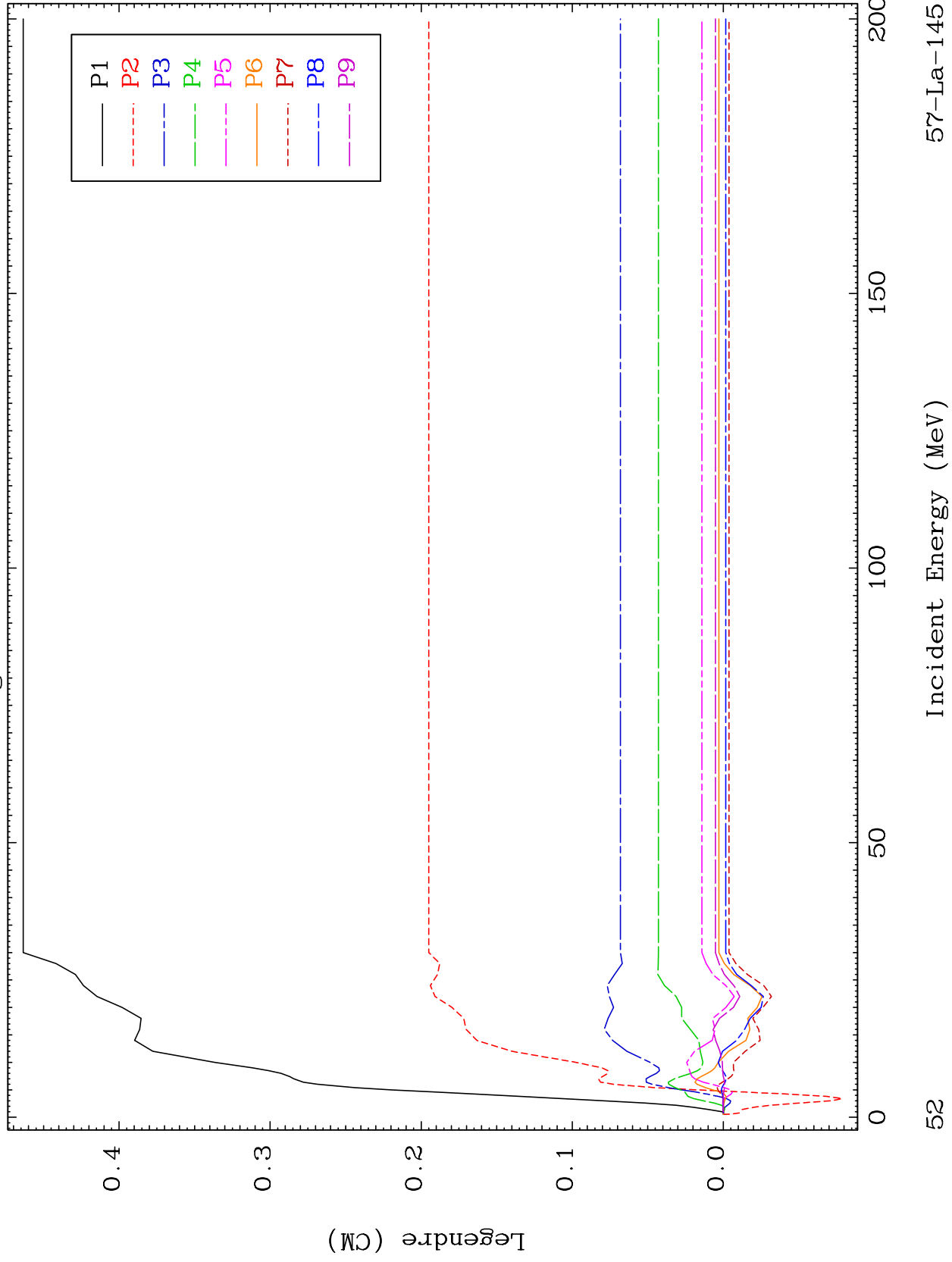
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



57-La-145

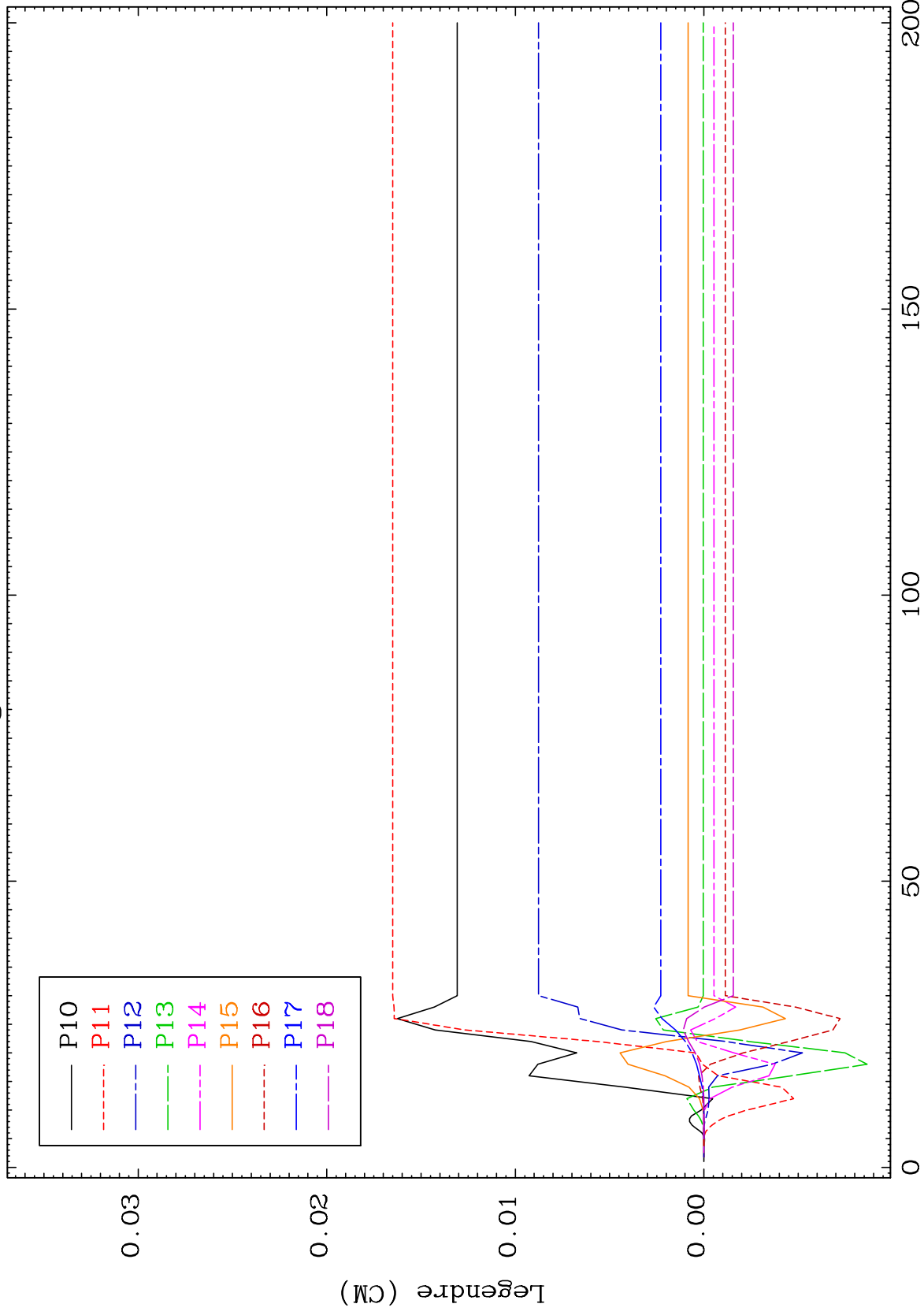
Incident Energy (MeV)

52

MAT 5746

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

57-La-145



53

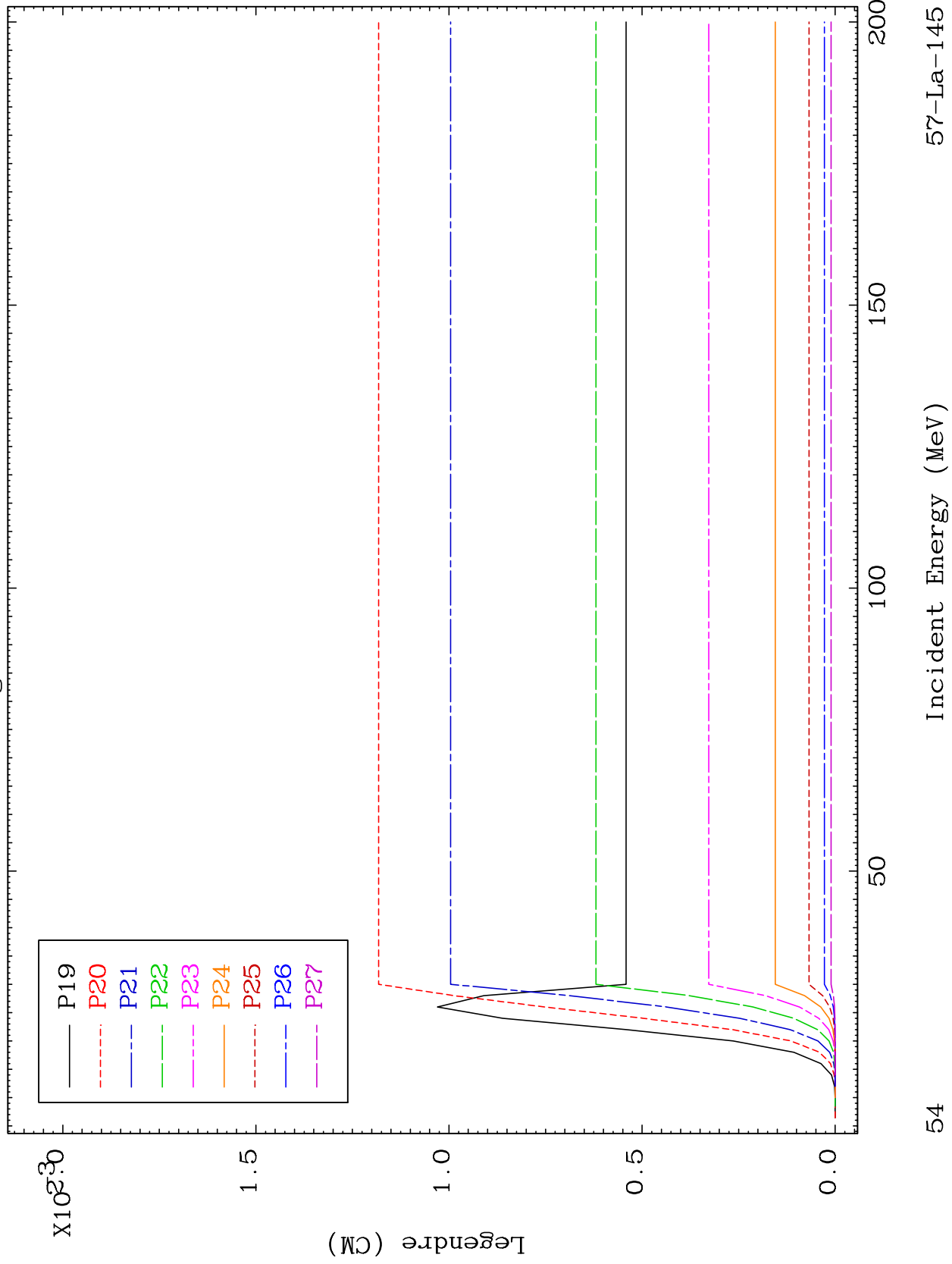
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



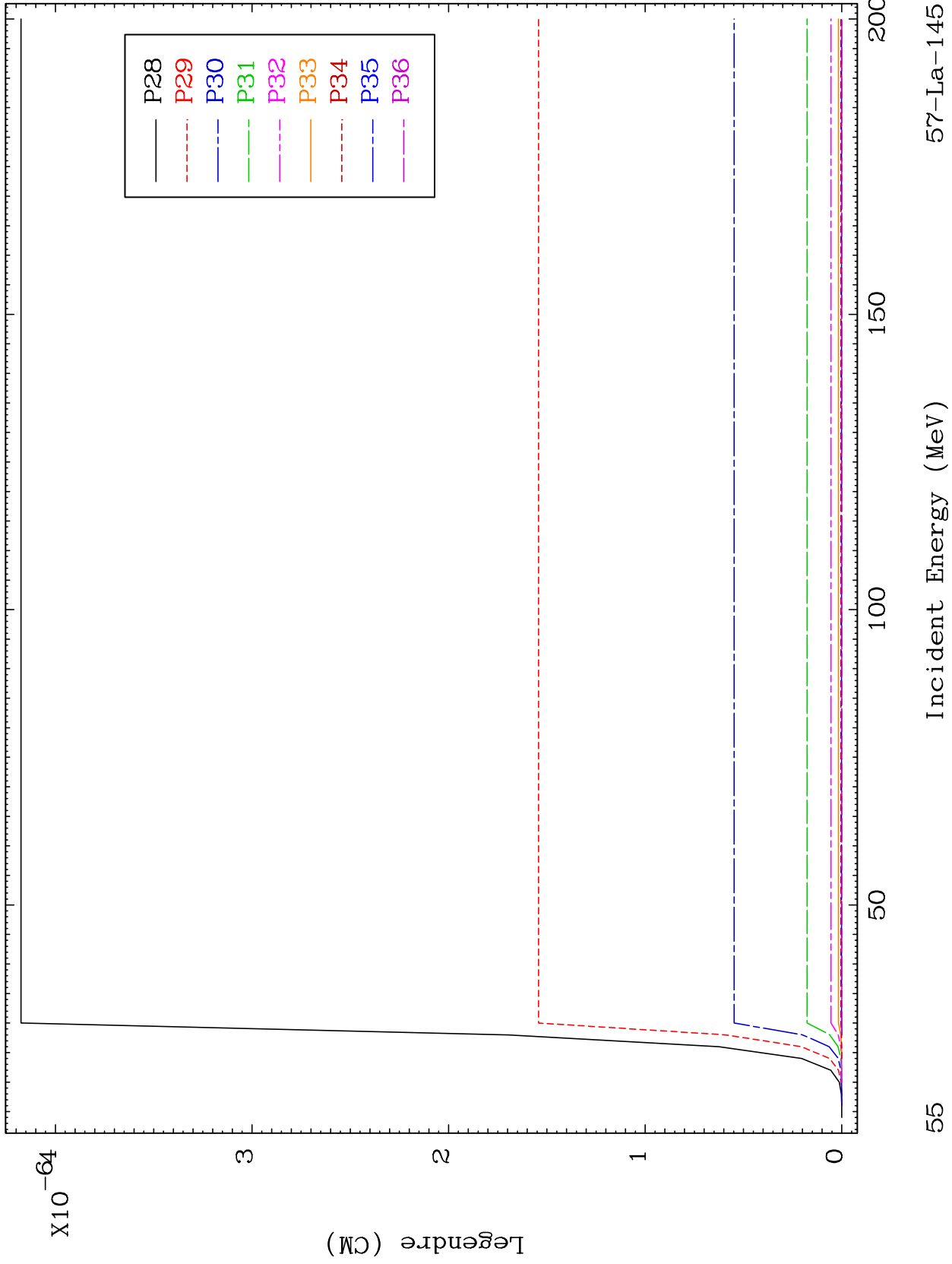
54

200

MAT 5746

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

57-La-145



55

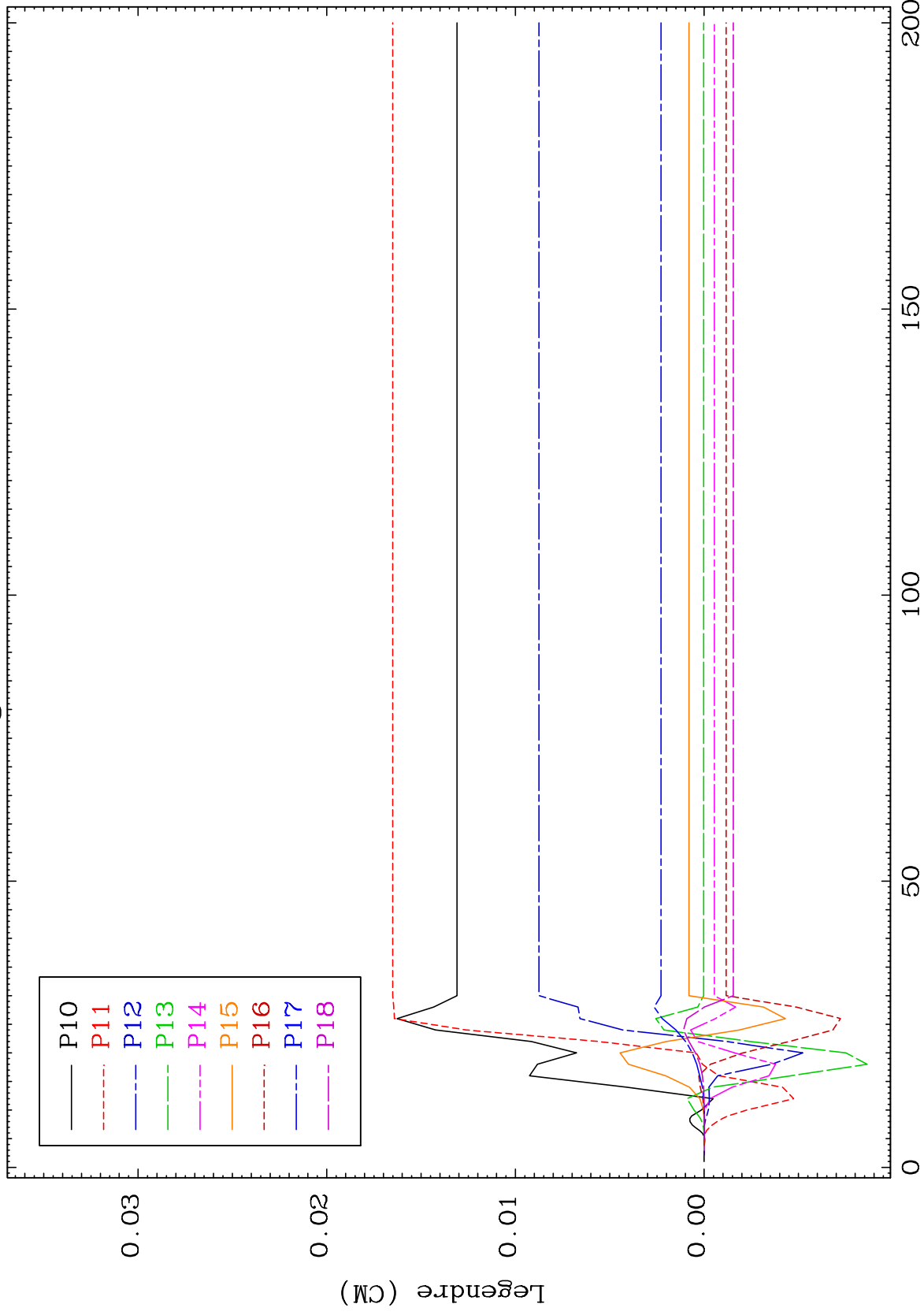
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



57

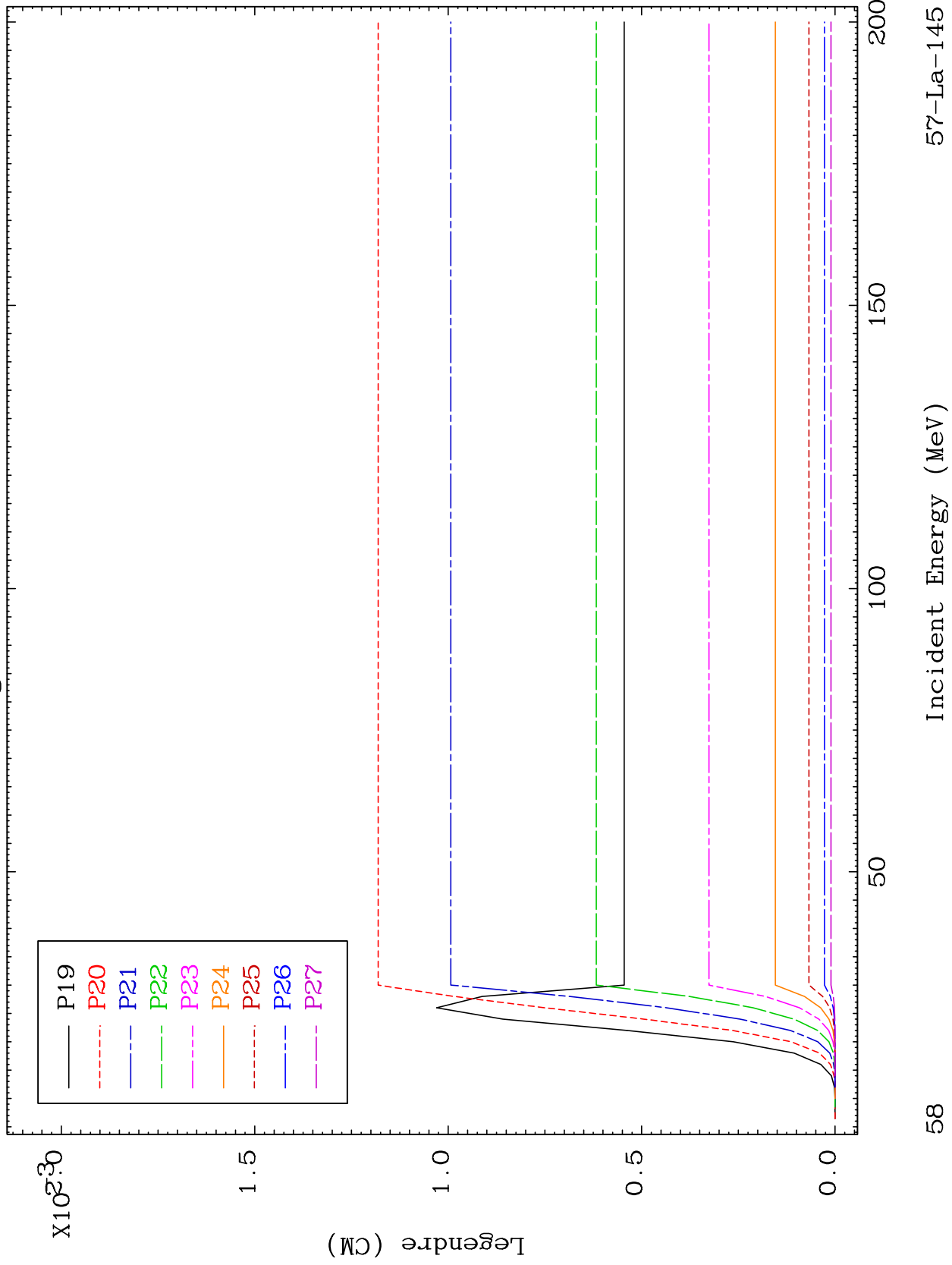
Incident Energy (MeV)

57-La-145

MAT 5746

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

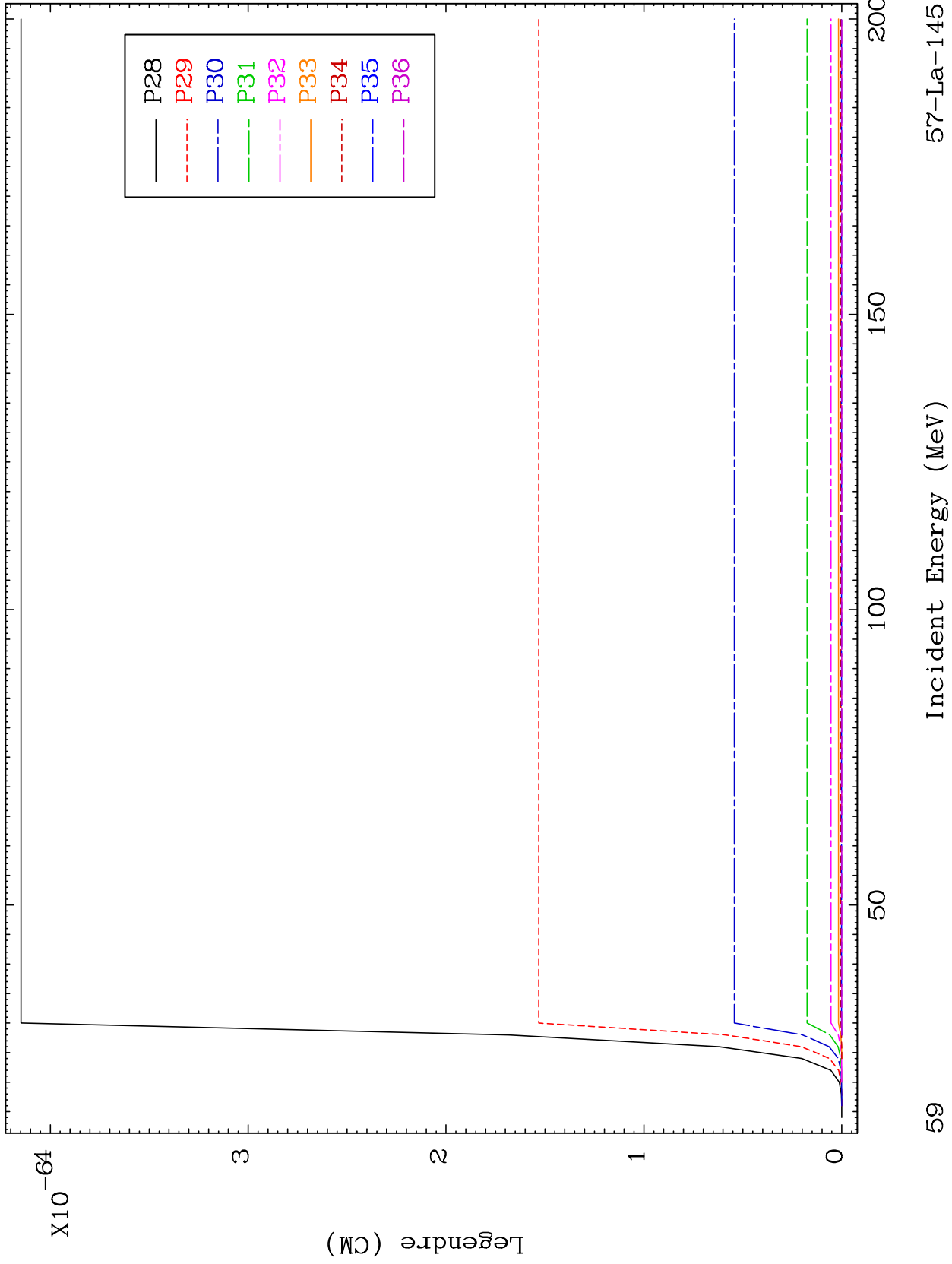
57-La-145



MAT 5746

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

57-La-145



59

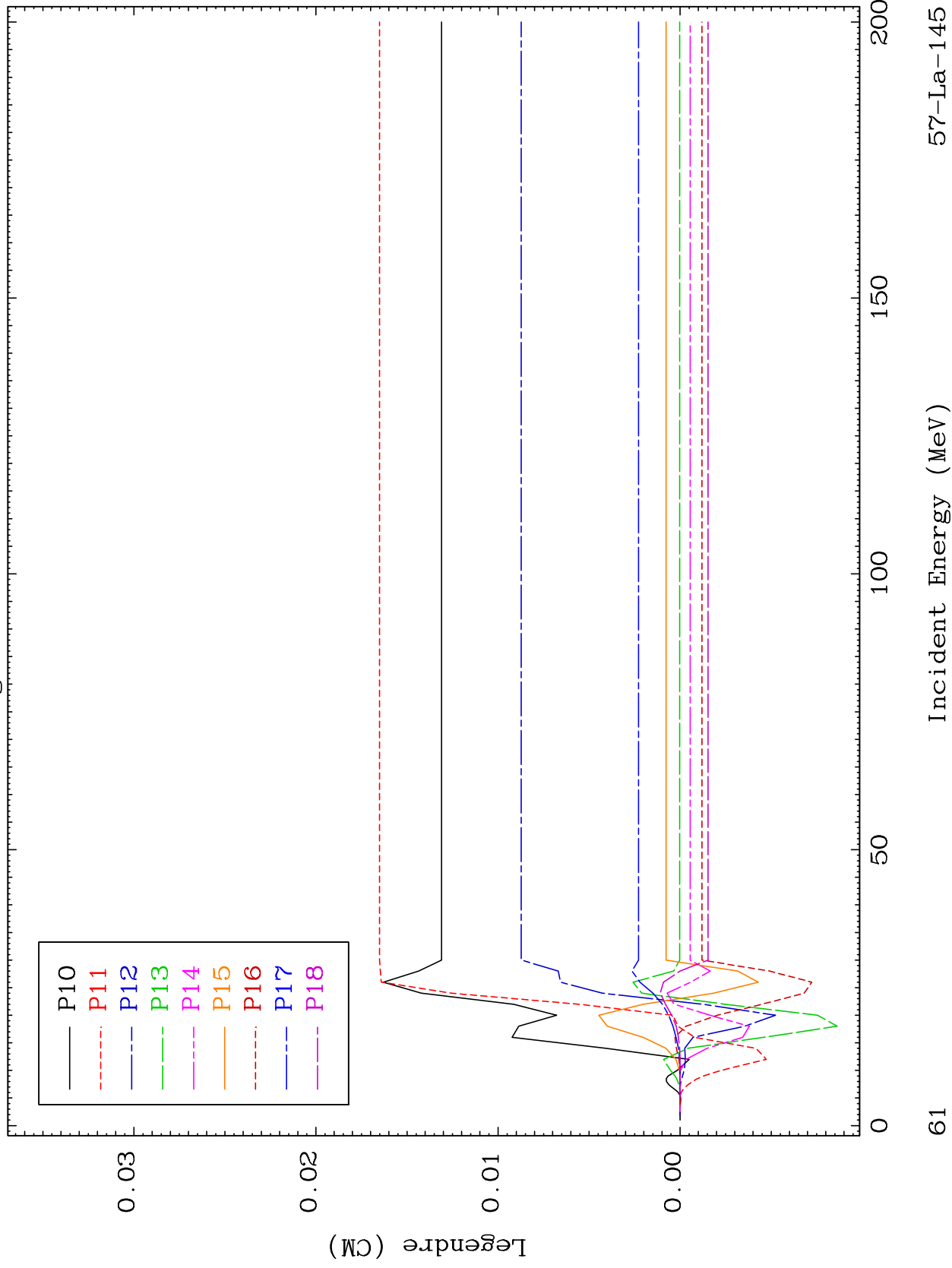
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



57-La-145

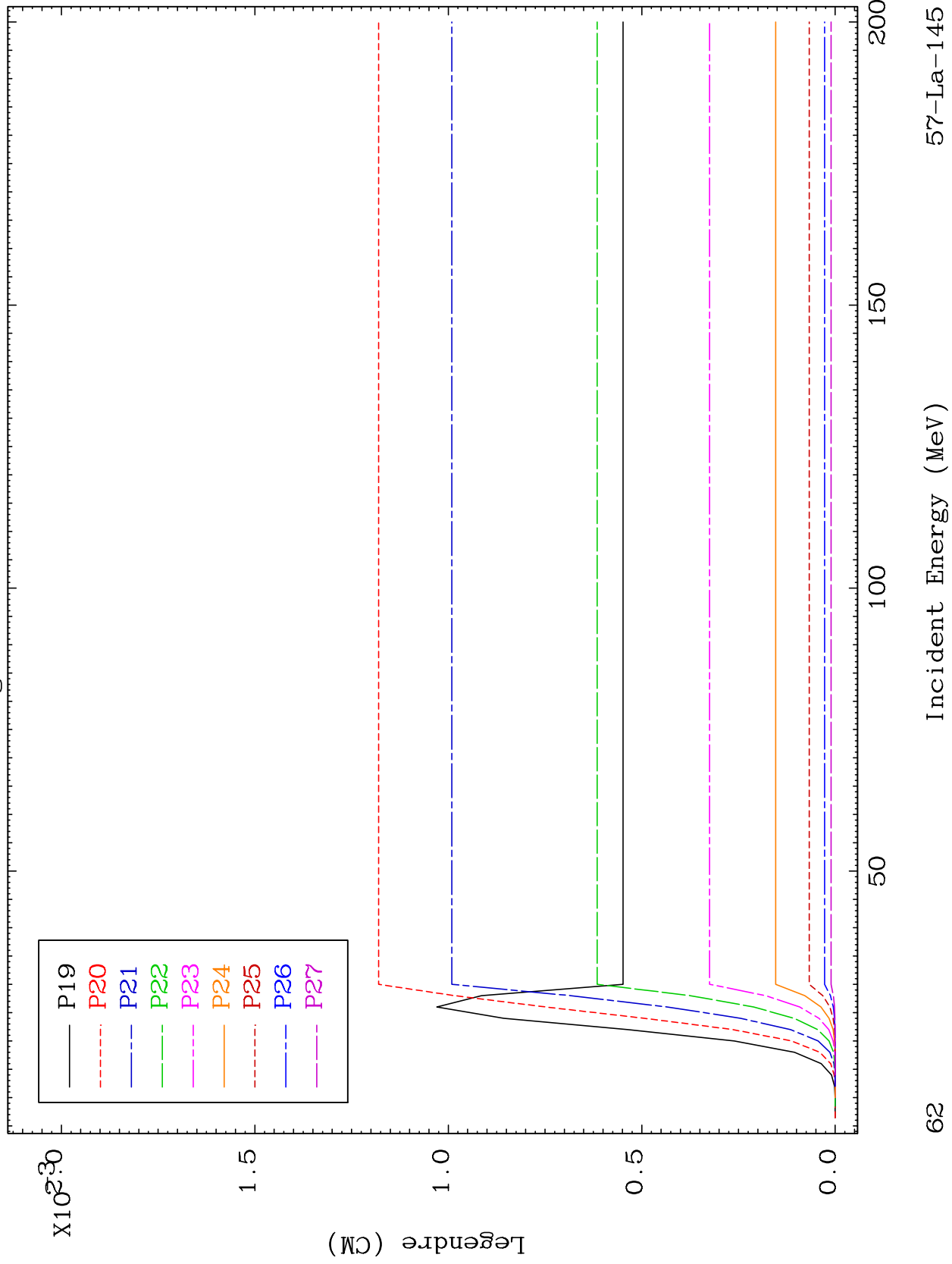
Incident Energy (MeV)

61

MAT 5746

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

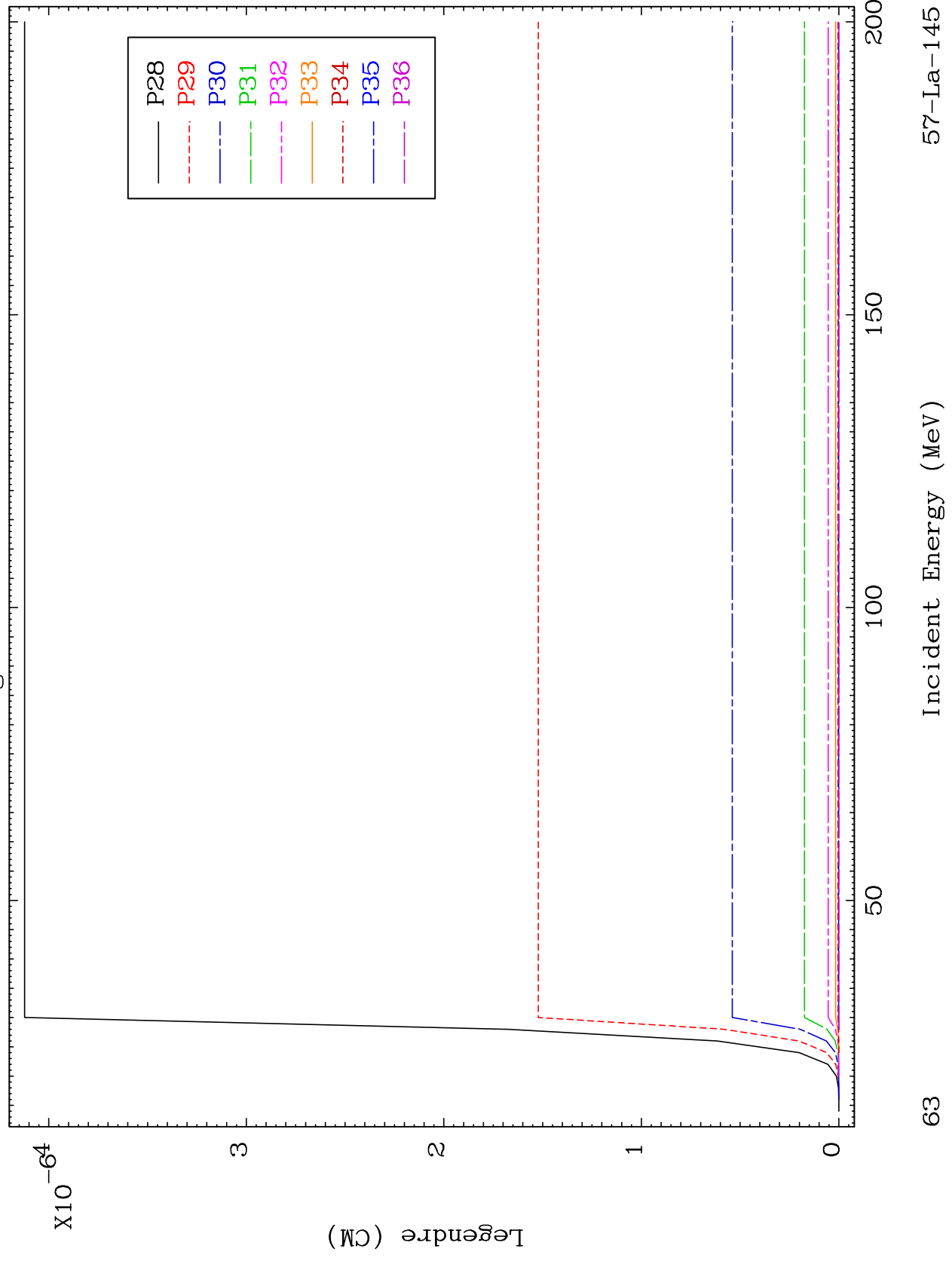
57-La-145

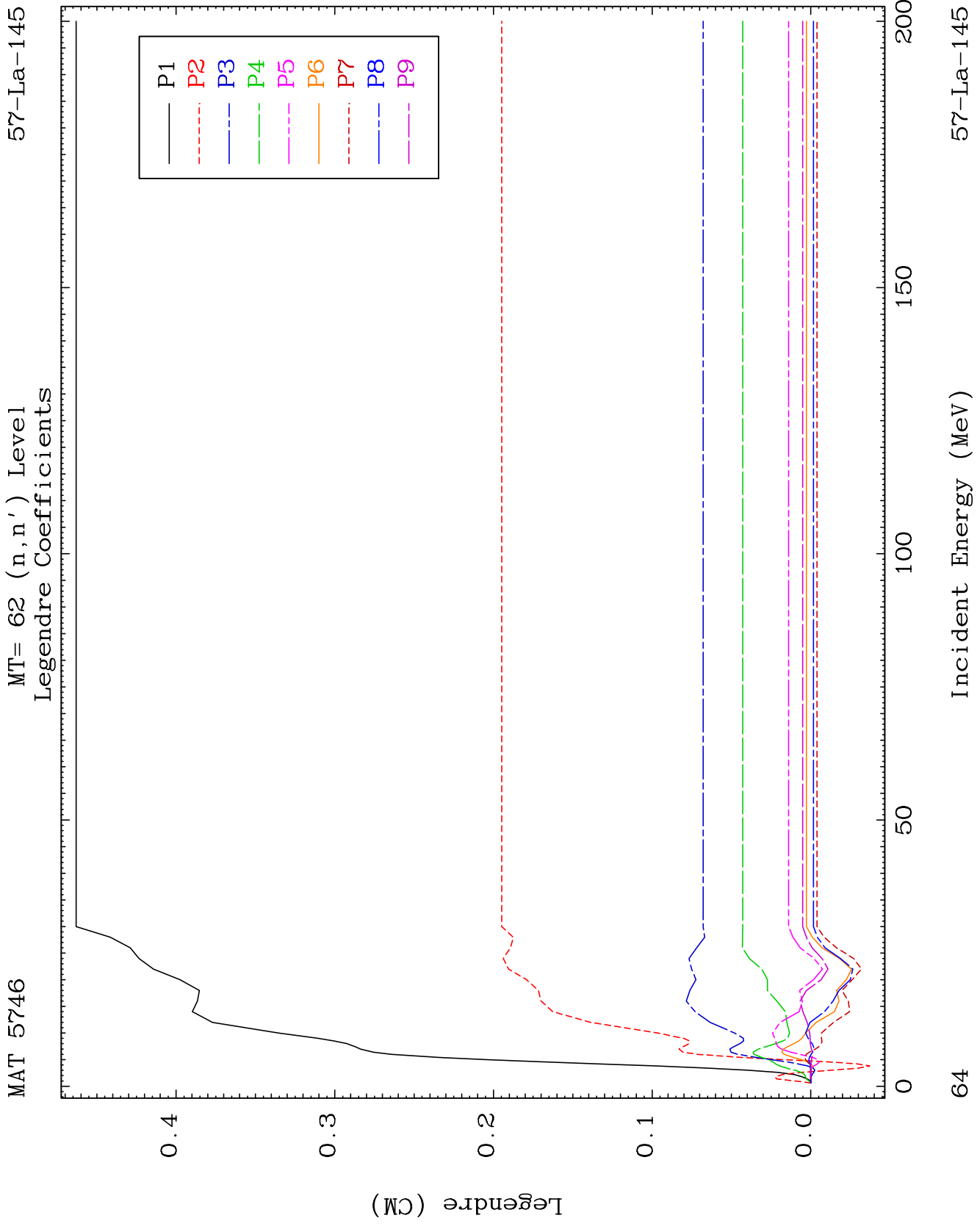


MAT 5746

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

57-La-145

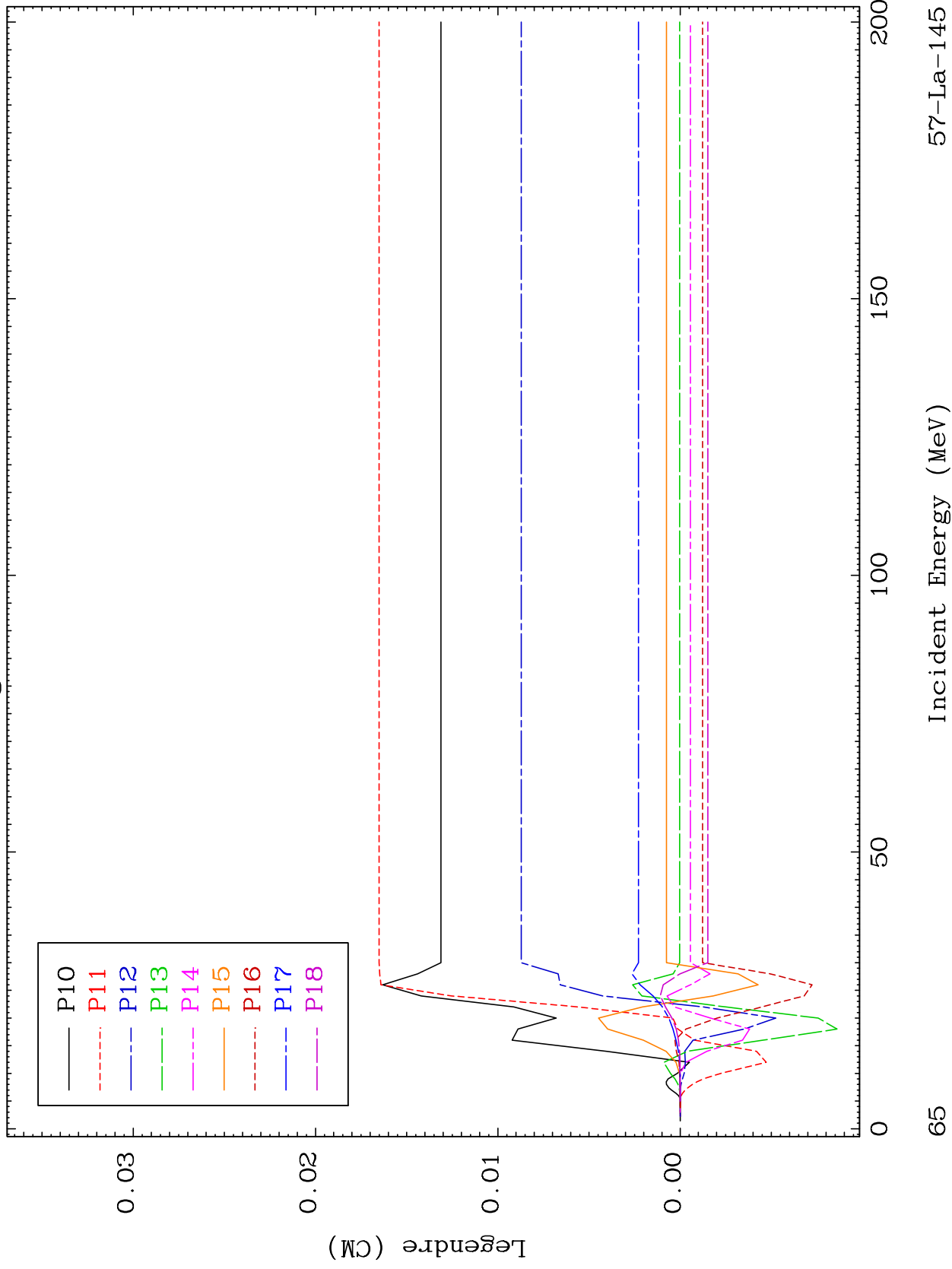




MAT 5746

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

57-La-145



57-La-145

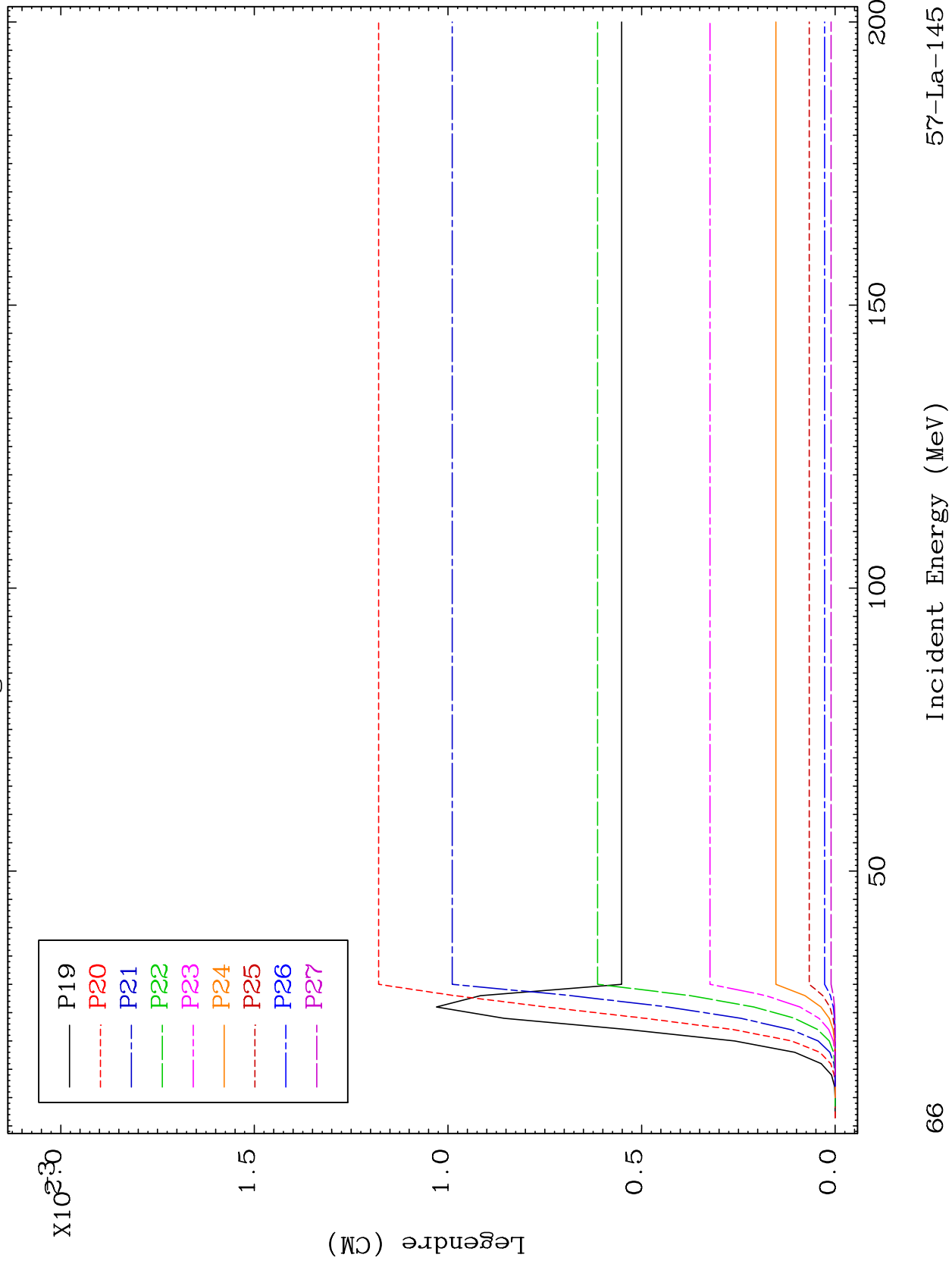
Incident Energy (MeV)

65

MAT 5746

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

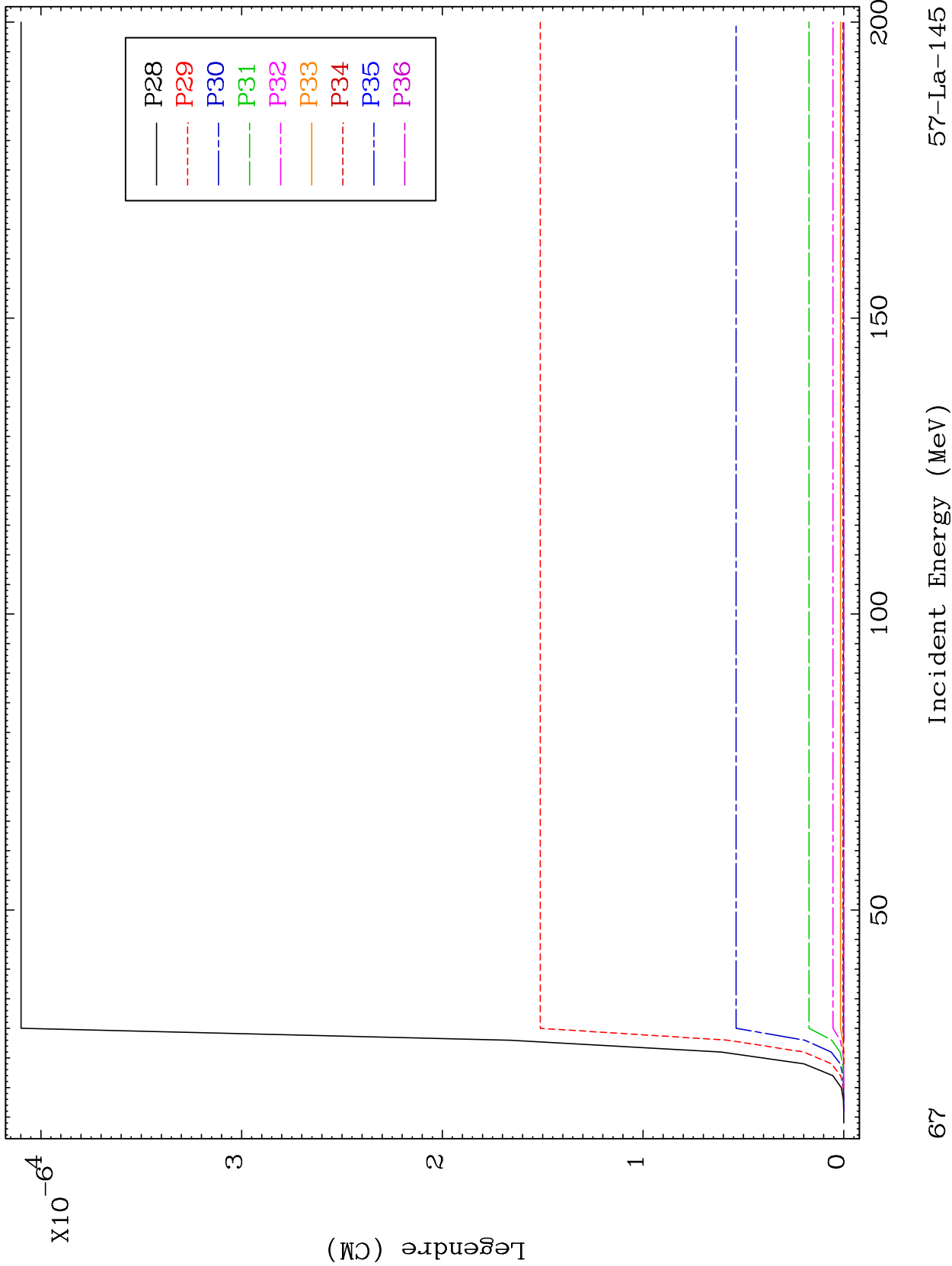
57-La-145



MAT 5746

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

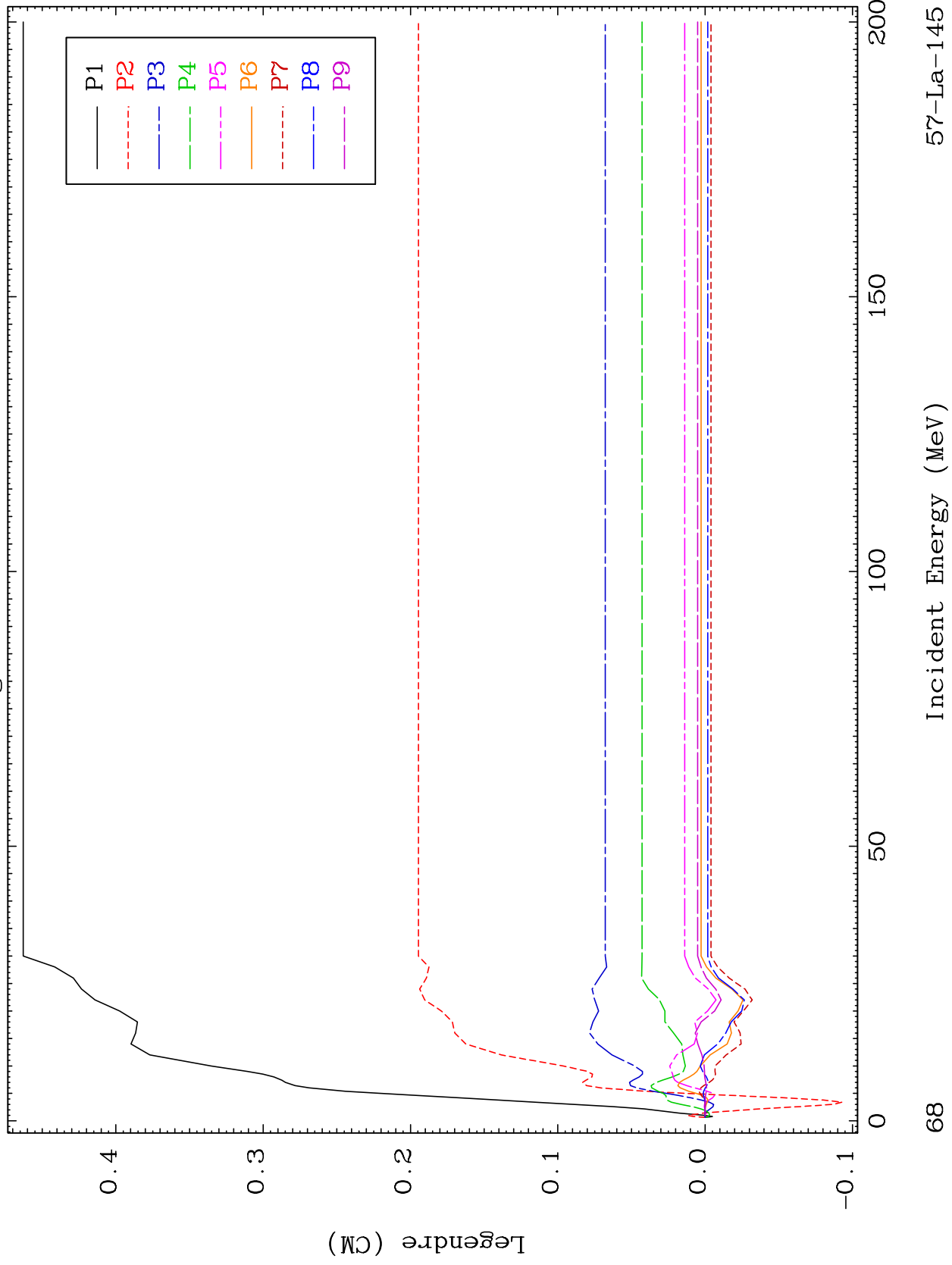
57-La-145



MAT 5746

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

57-La-145



57-La-145

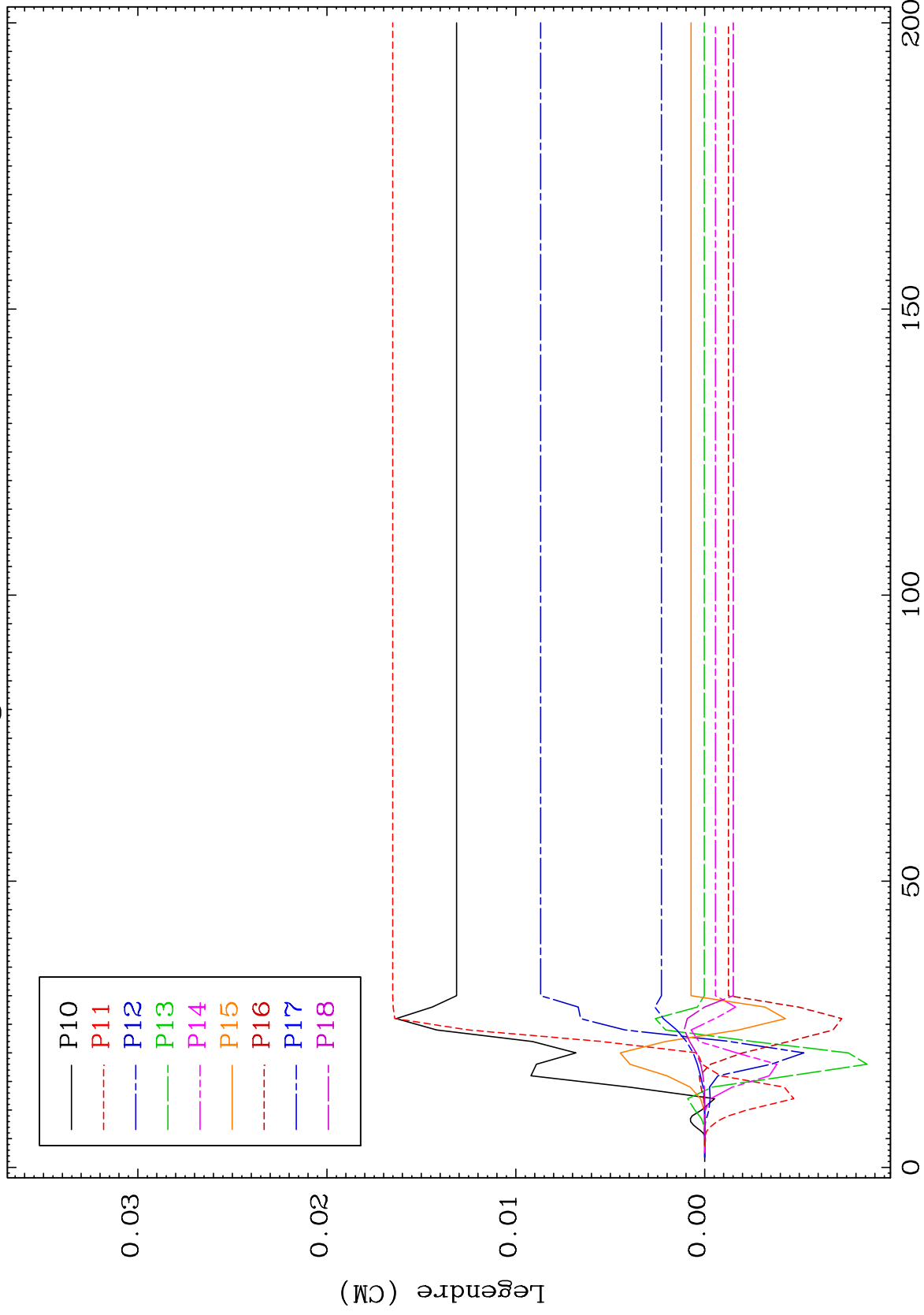
Incident Energy (MeV)

68

MAT 5746

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

57-La-145



69

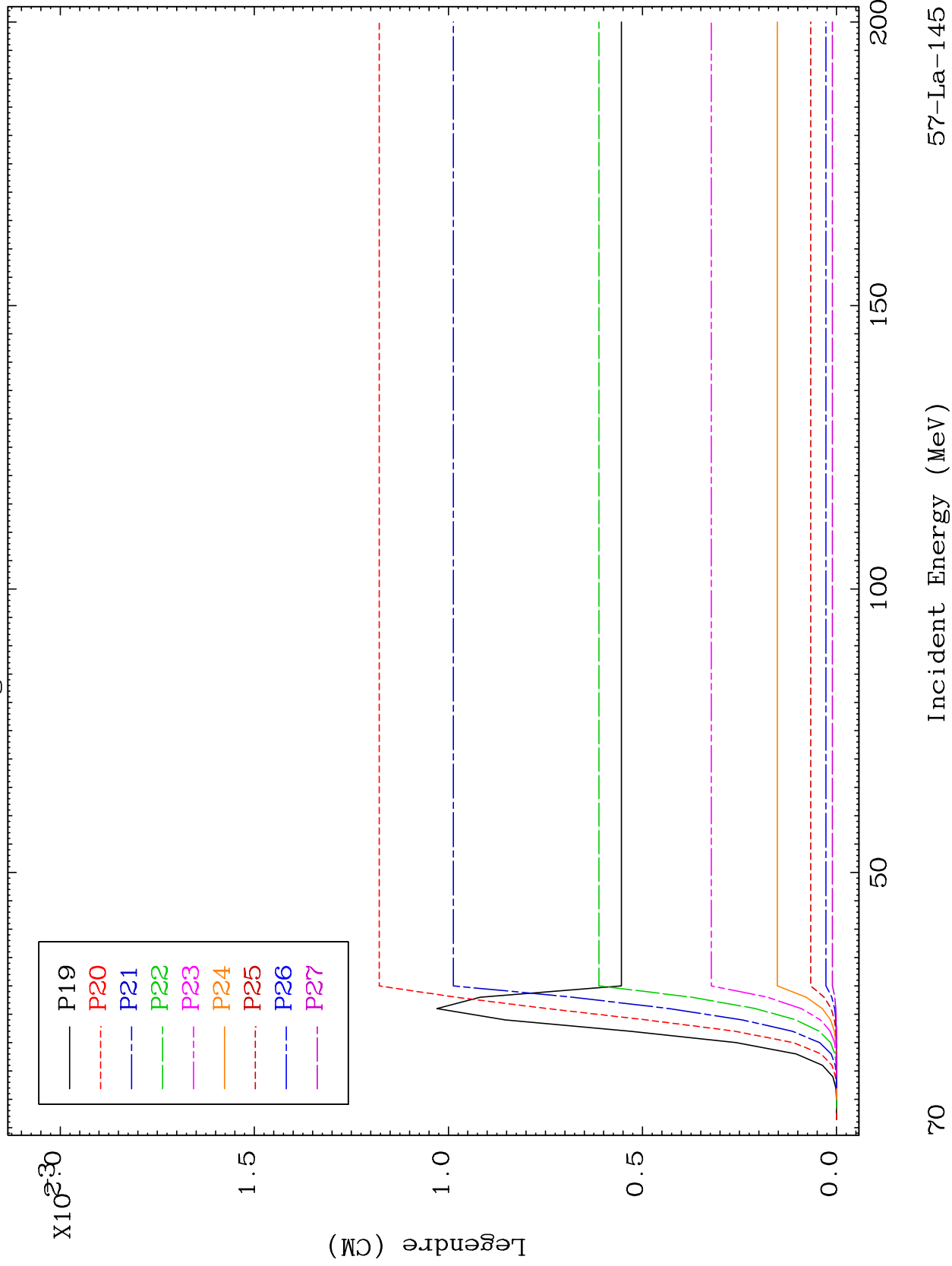
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



70

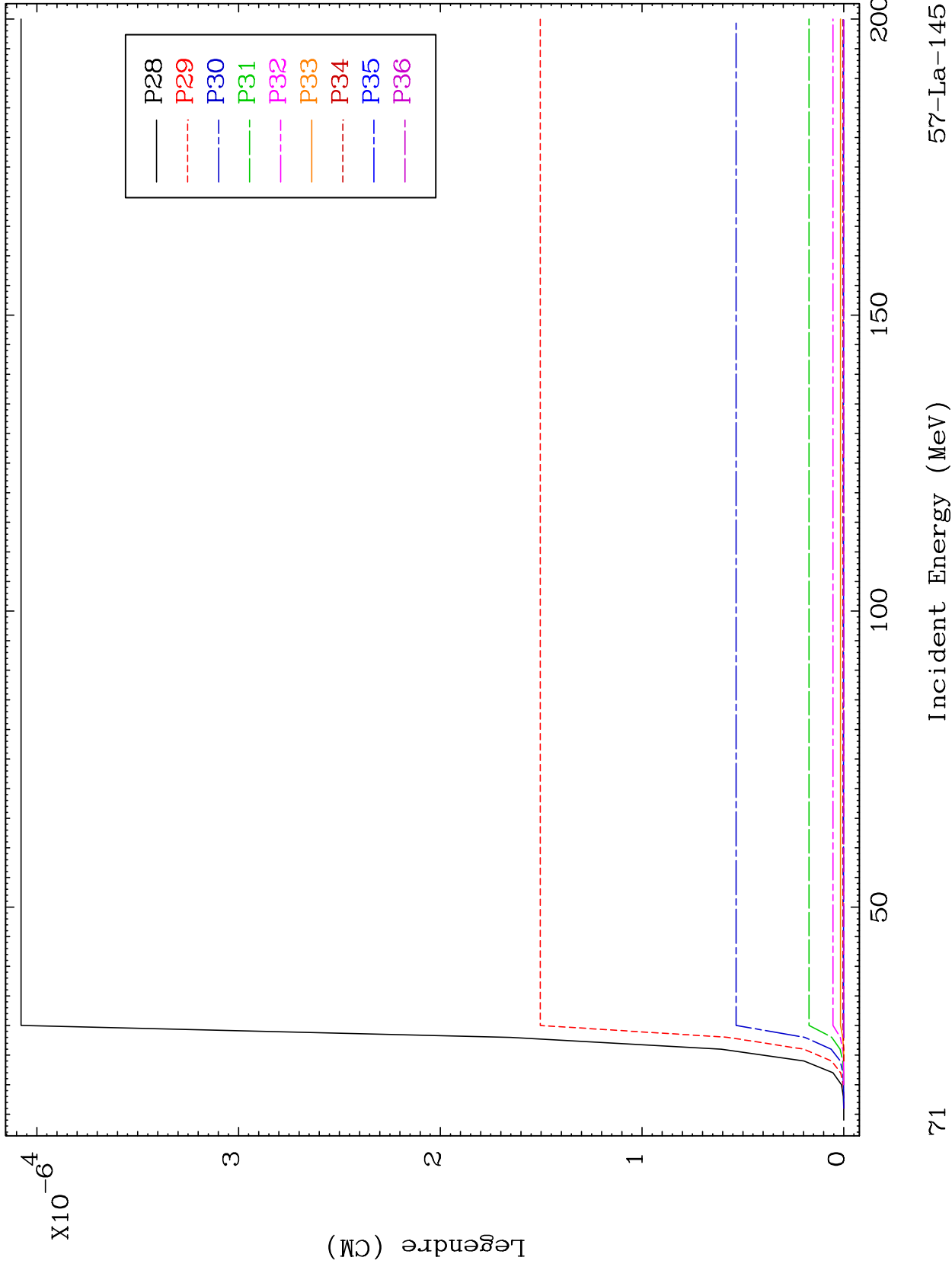
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



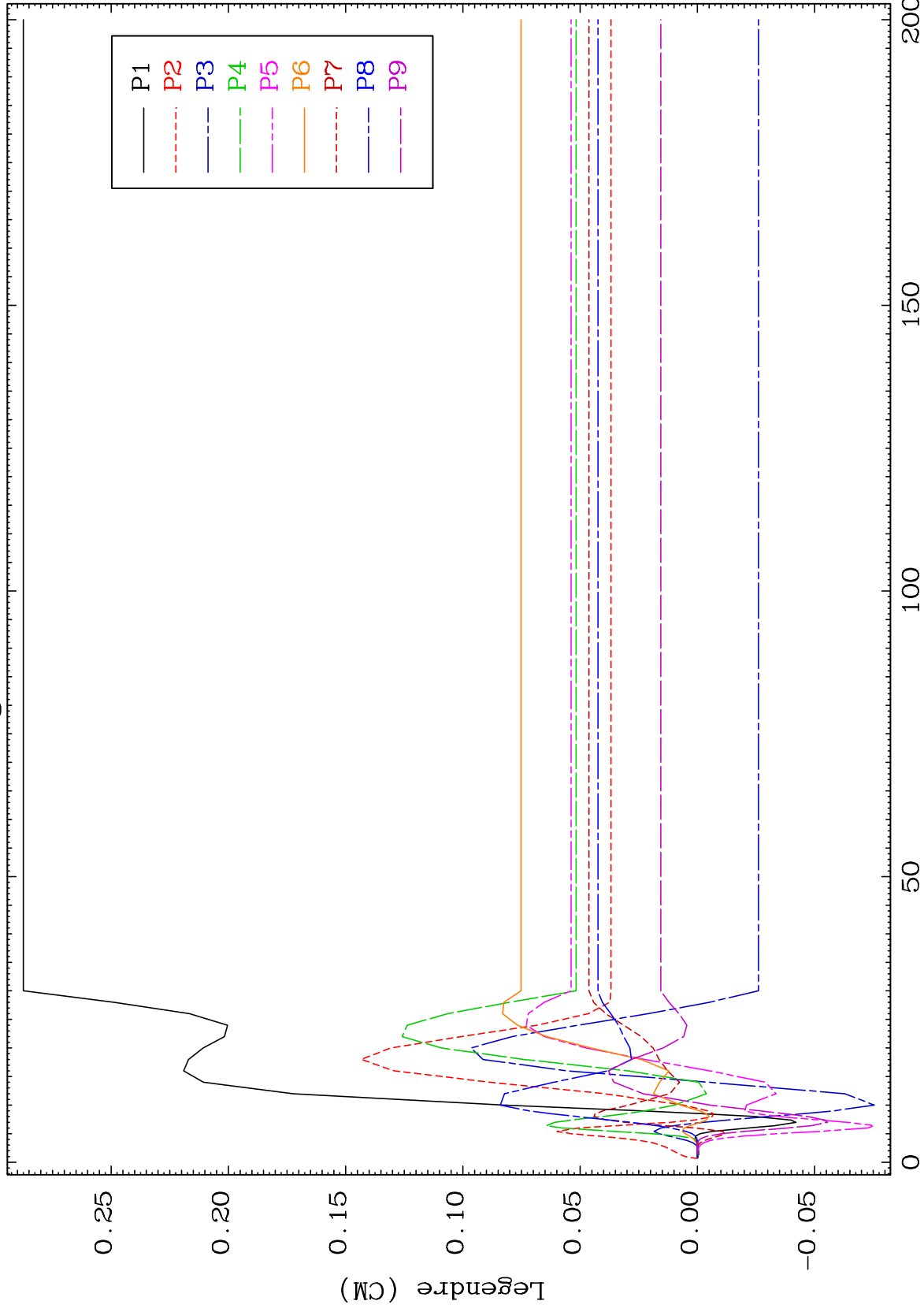
71

57-La-145

MAT 5746

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

57-La-145



72

Incident Energy (MeV)

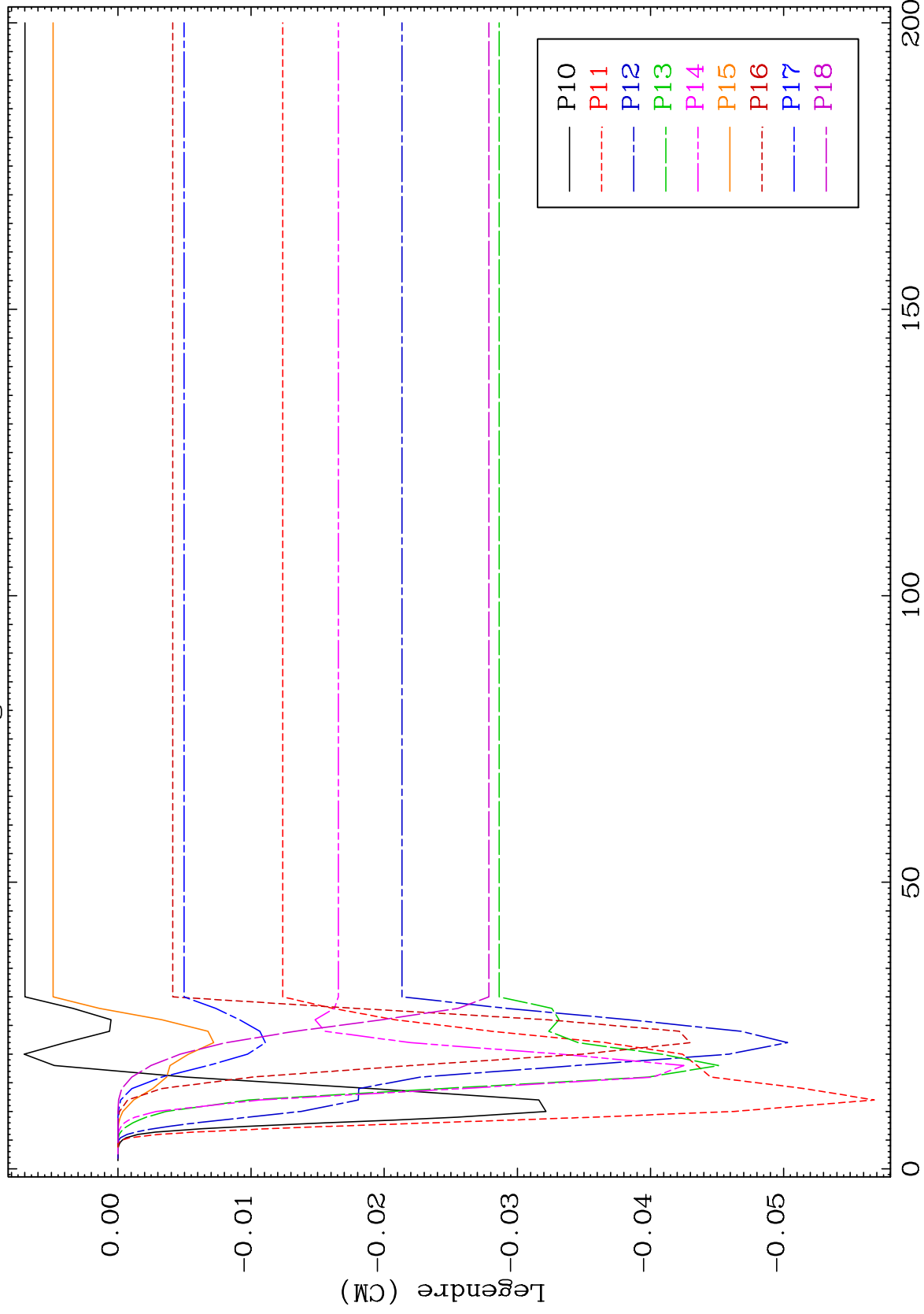
57-La-145

MAT 5746

MT= 64 (n,n') Level

57-La-145

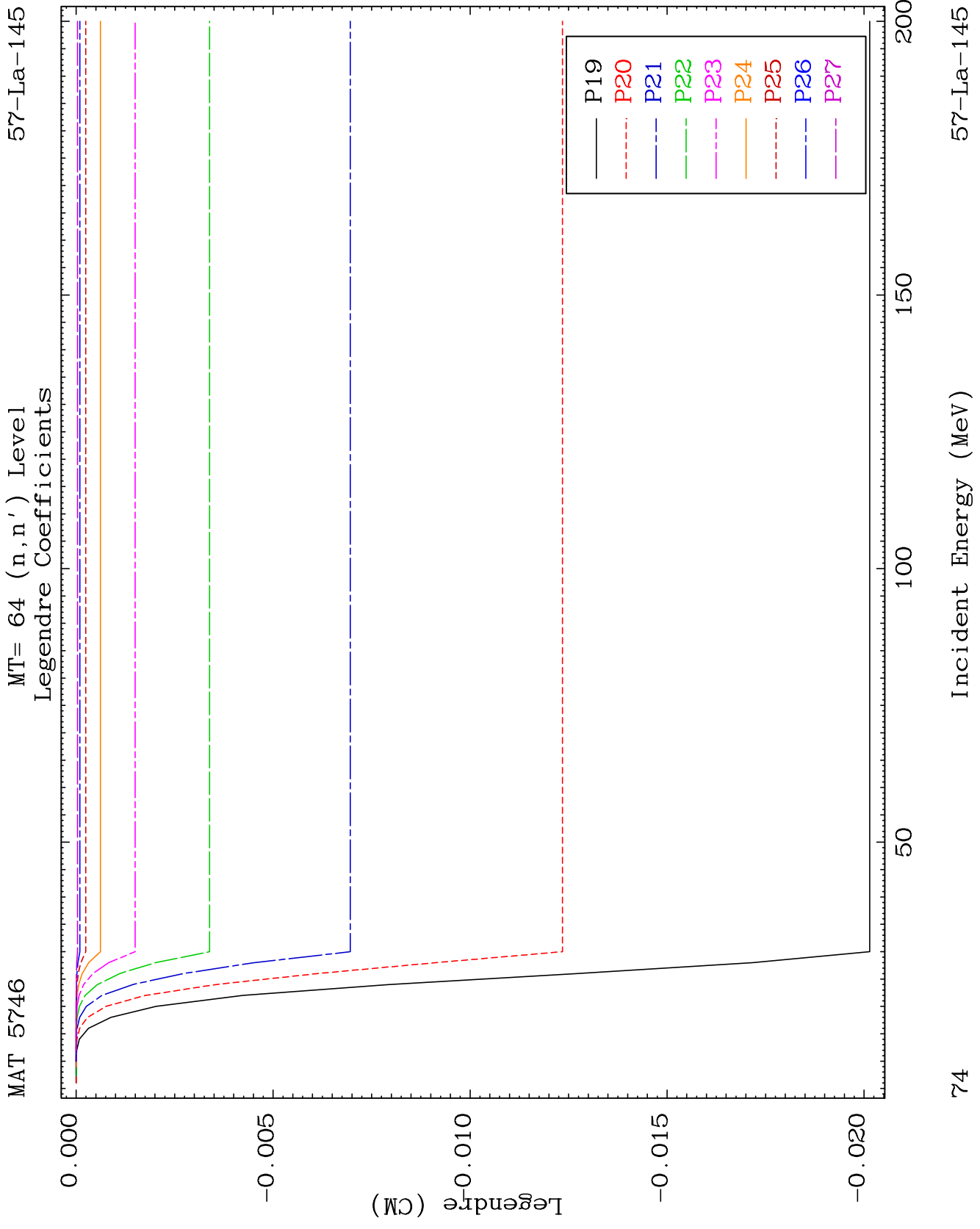
Legendre Coefficients

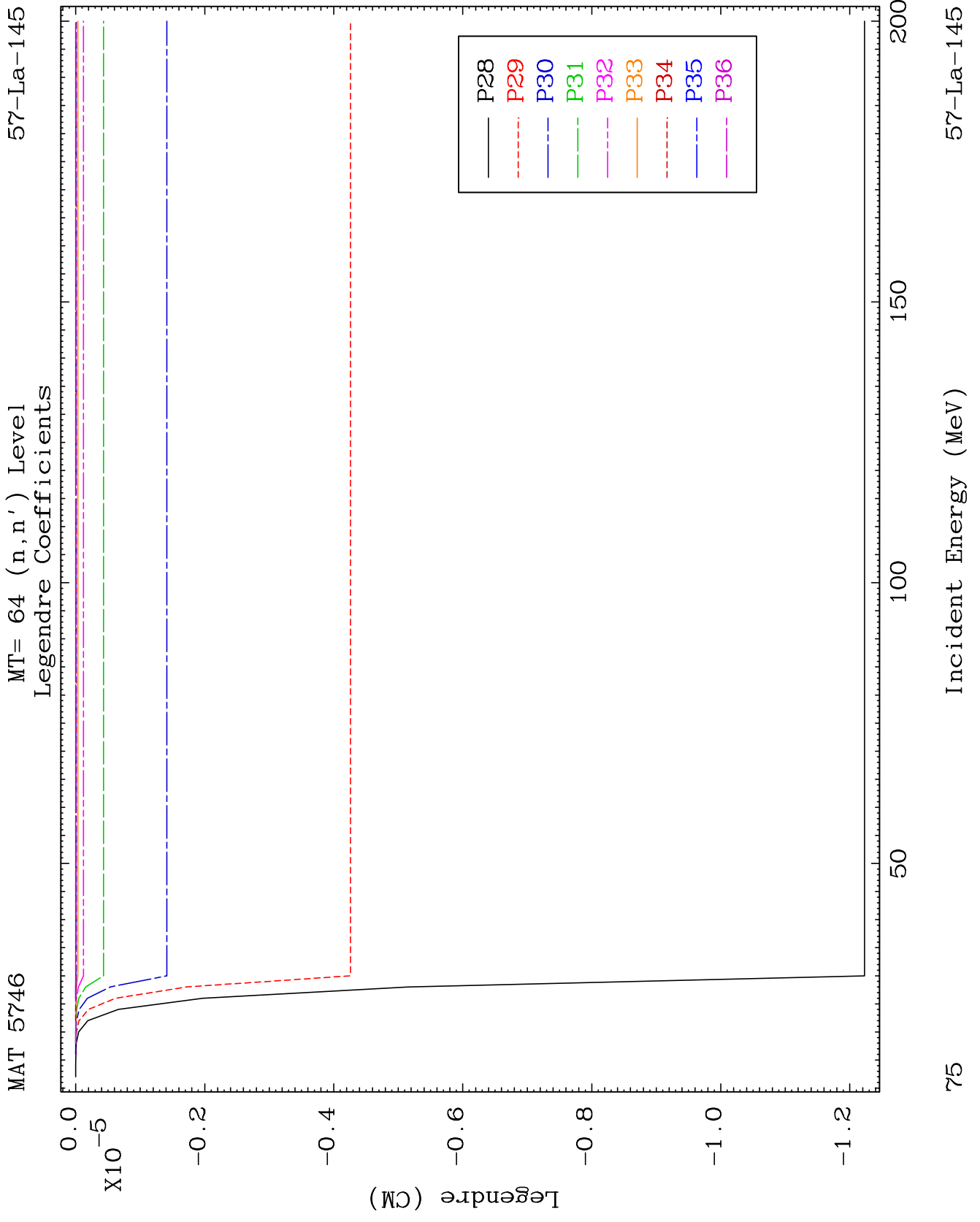


73

Incident Energy (MeV)

57-La-145

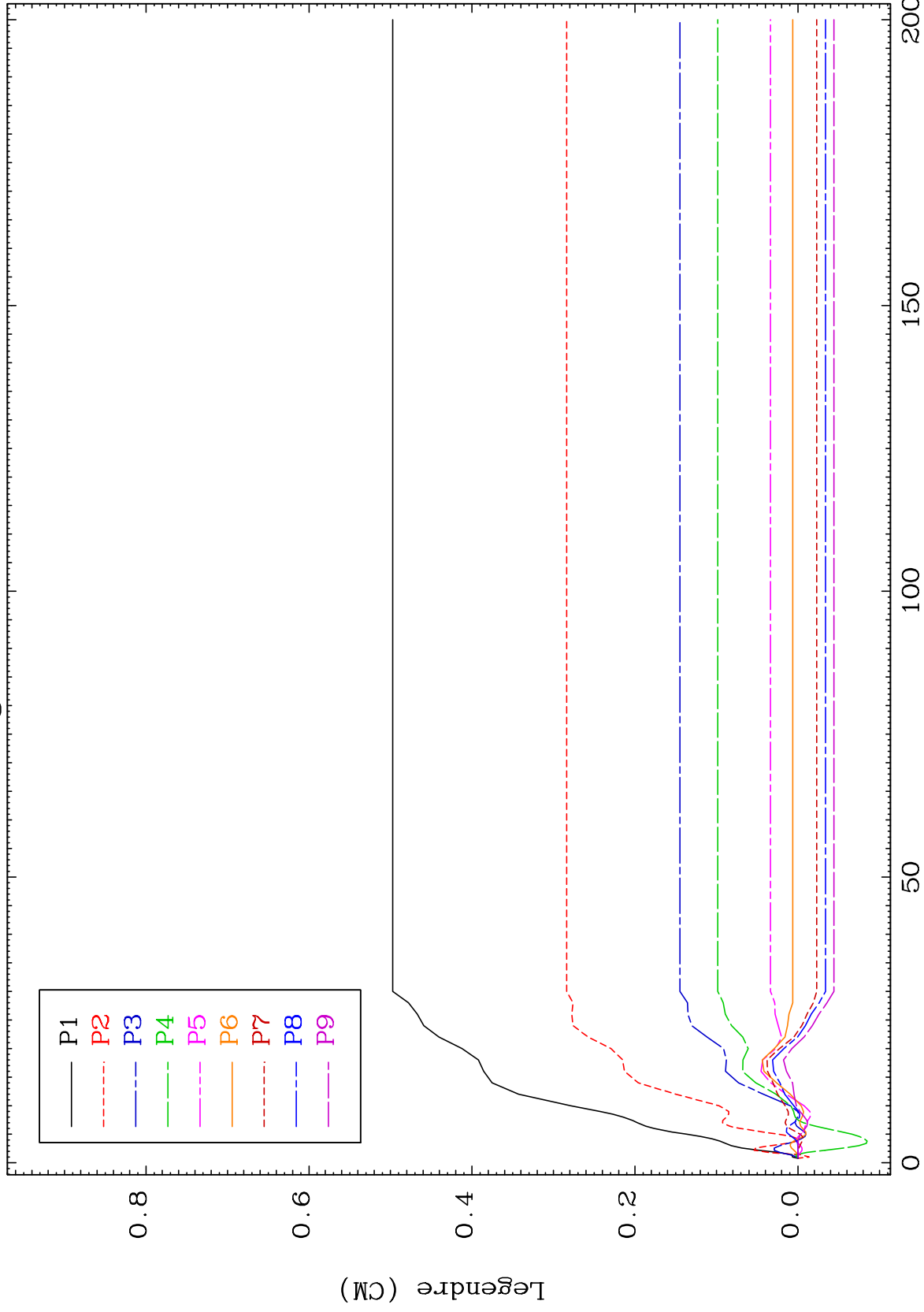




MAT 5746

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

57-La-145



76

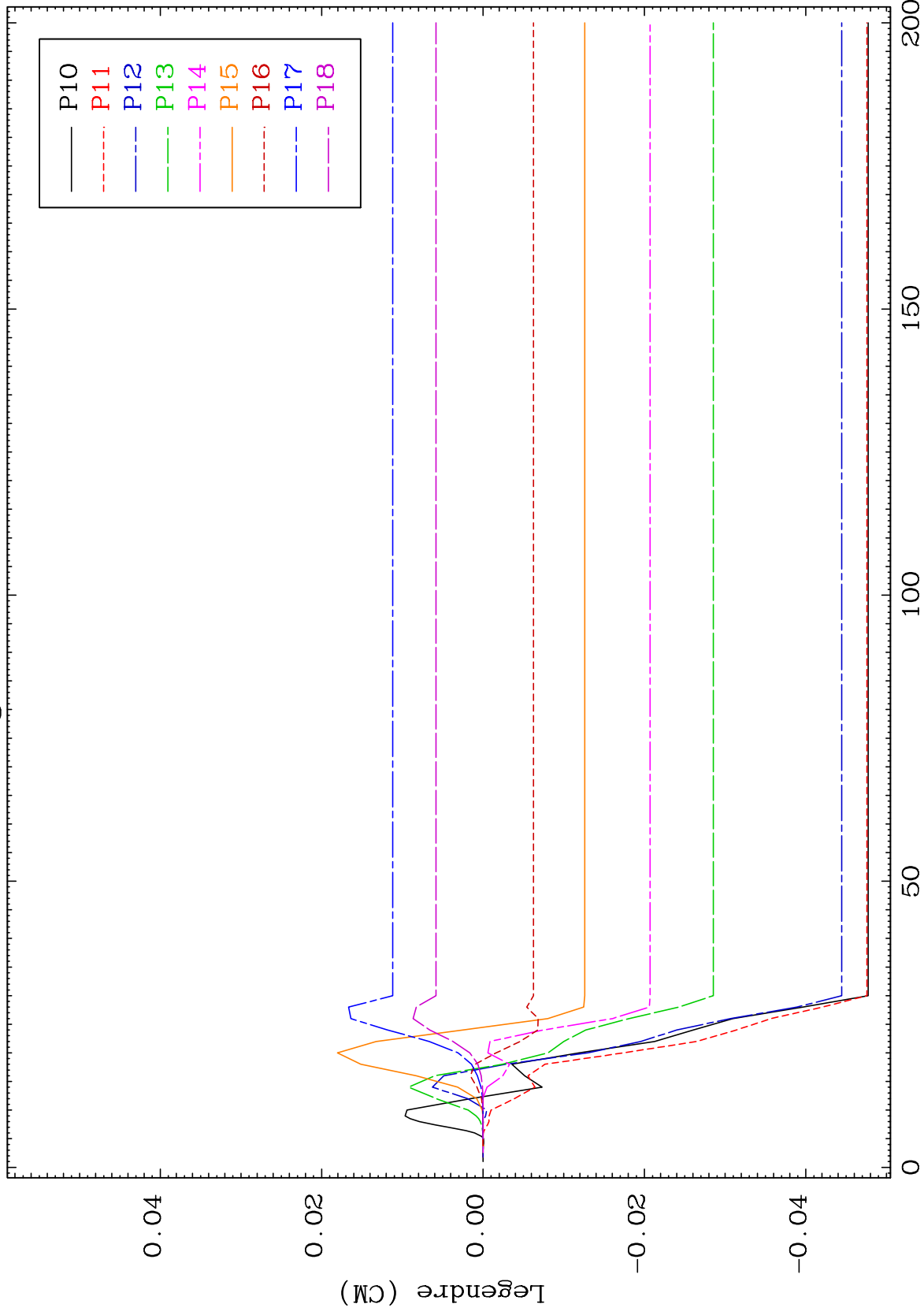
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



77

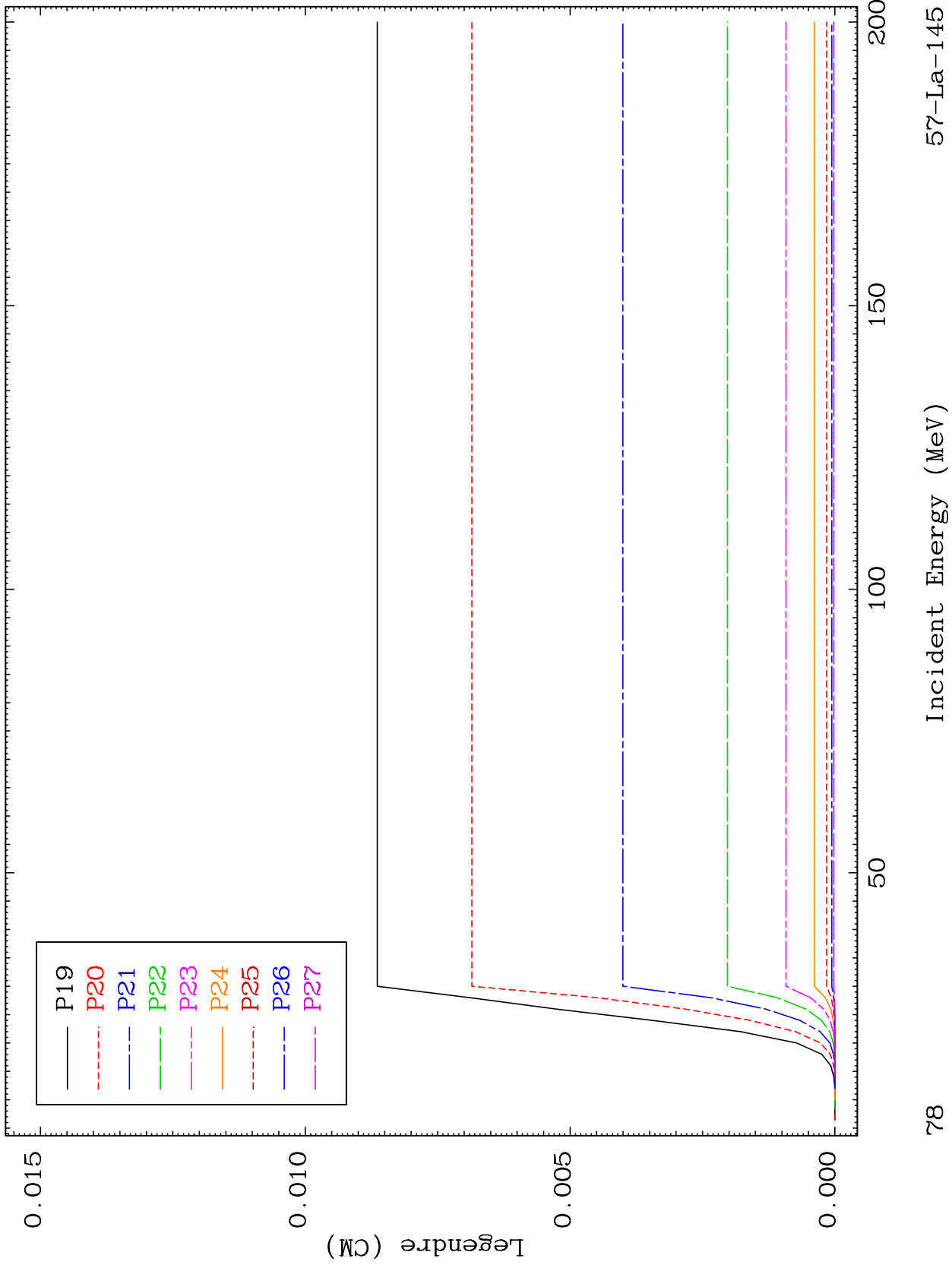
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



78

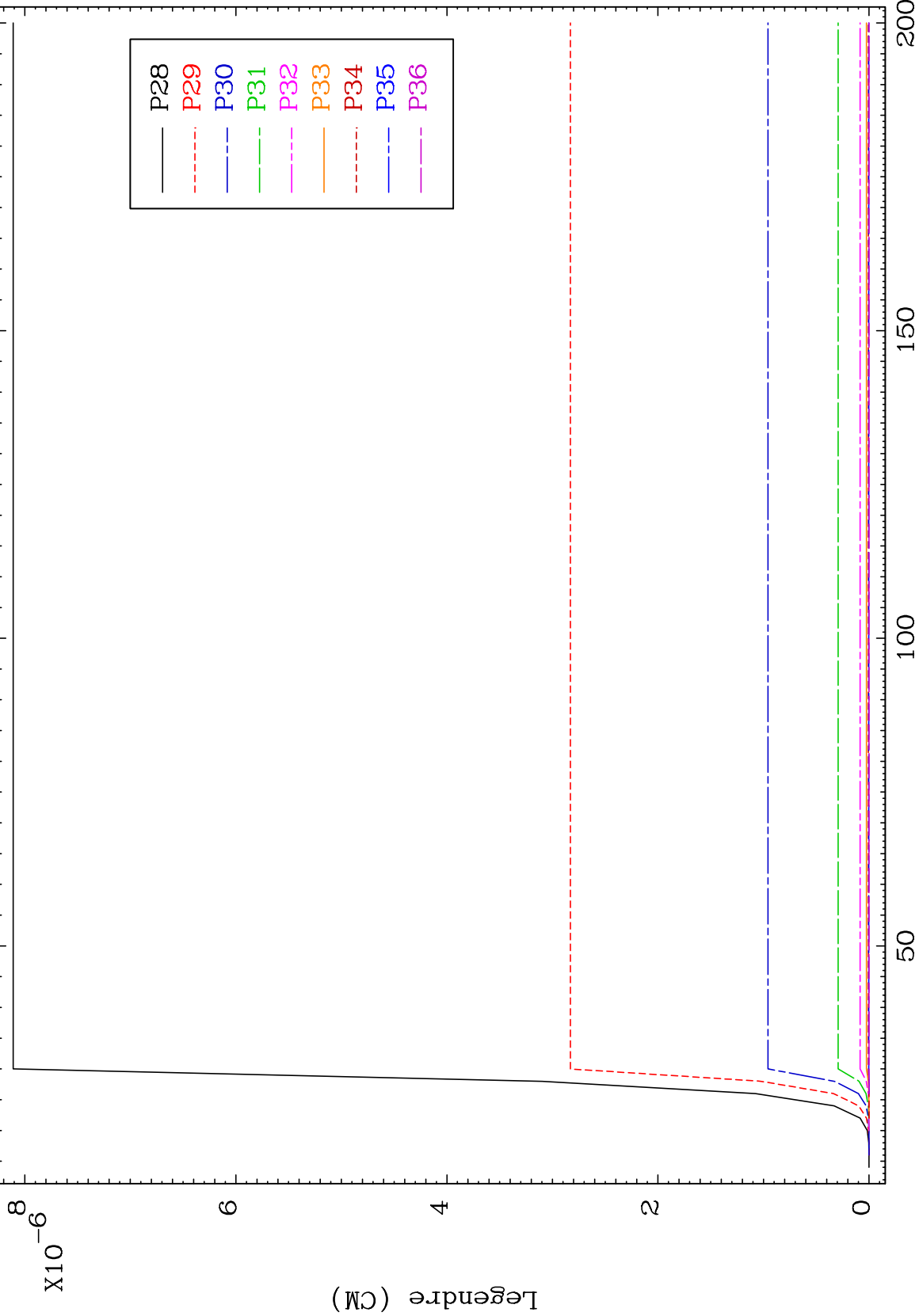
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



79

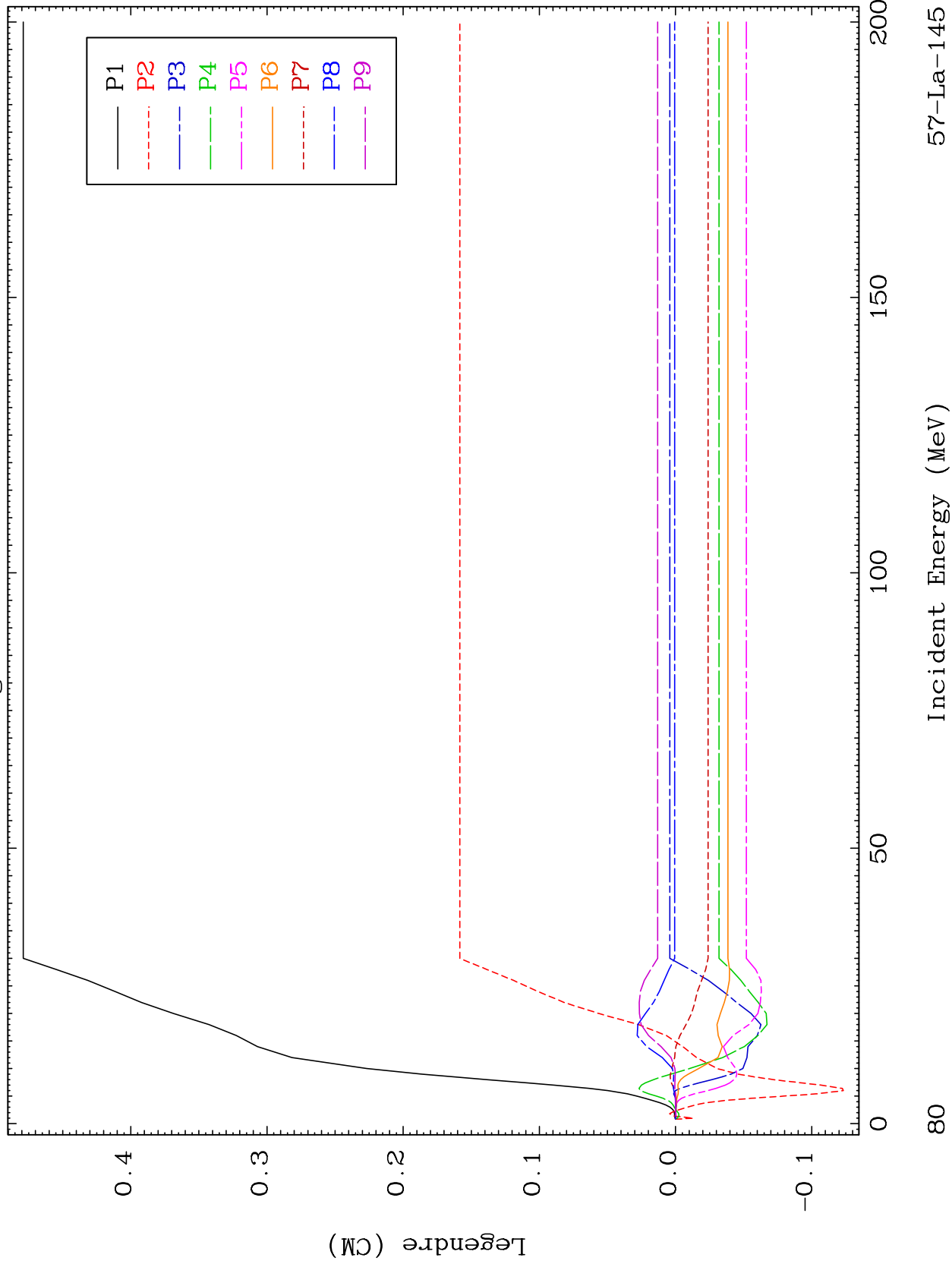
Incident Energy (MeV)

57-La-145

MAT 5746

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

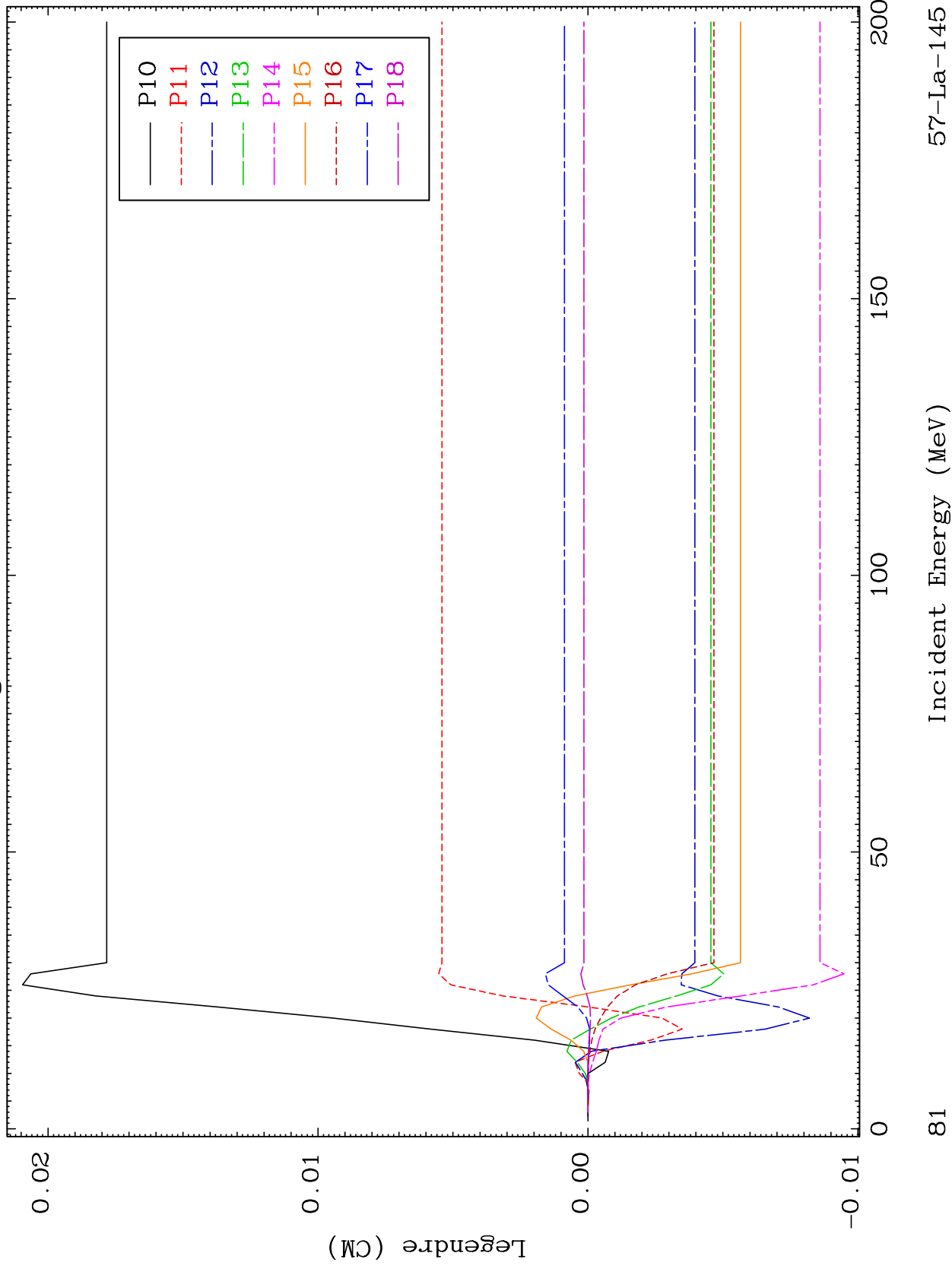
57-La-145



MAT 5746

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

57-La-145



81

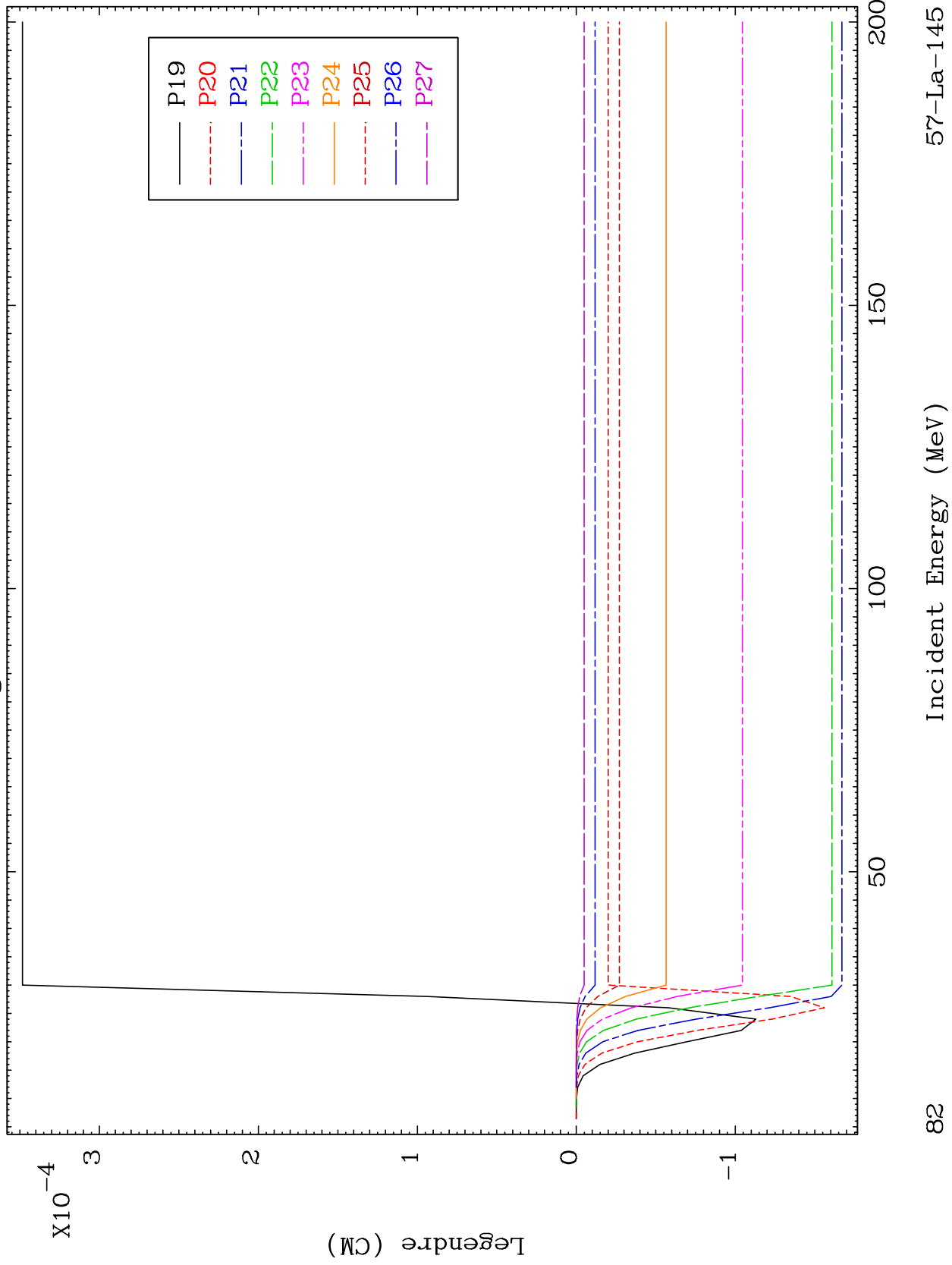
Incident Energy (MeV)

57-La-145

MAT 5746

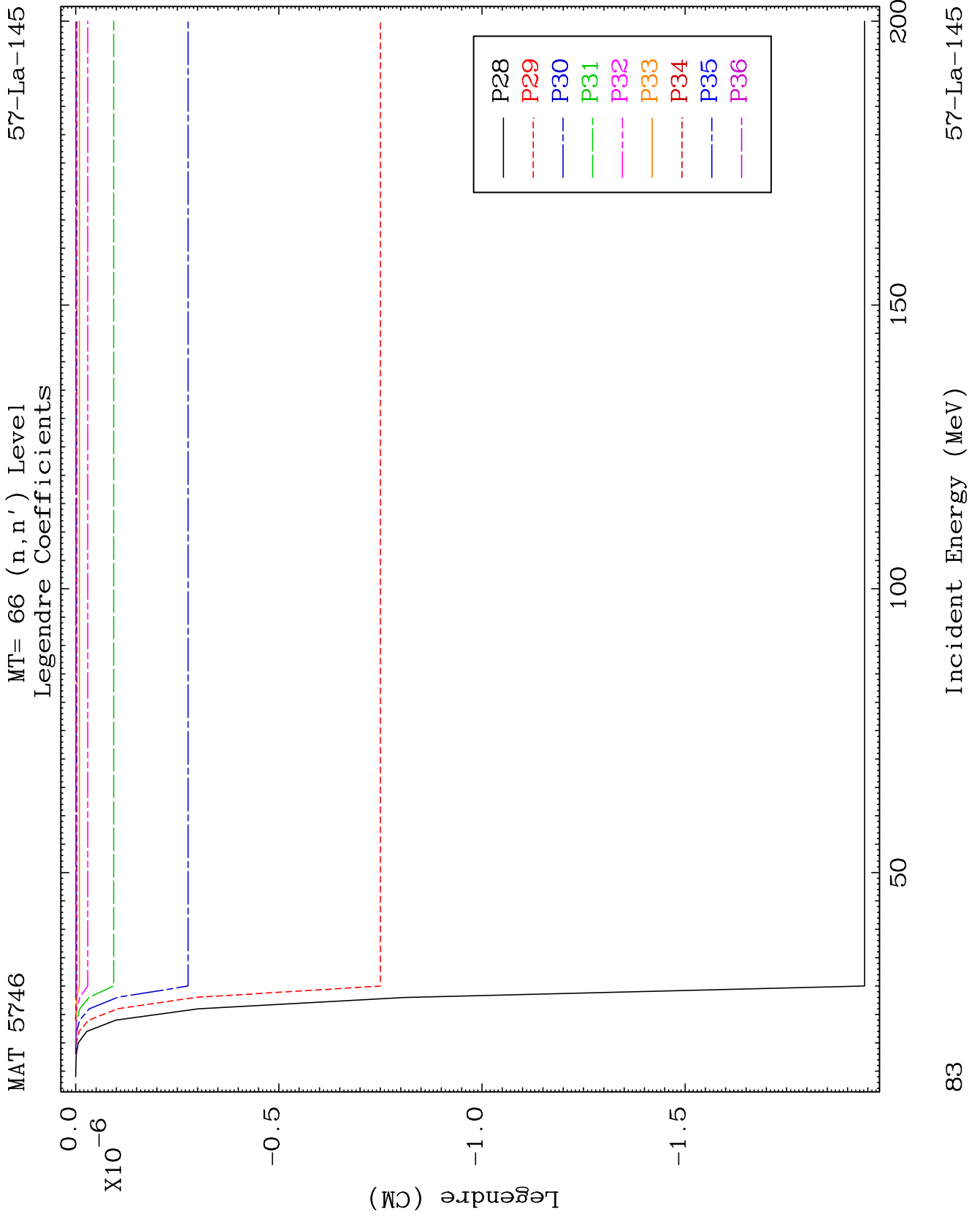
MT= 66 (n,n') Level
Legendre Coefficients

57-La-145



82

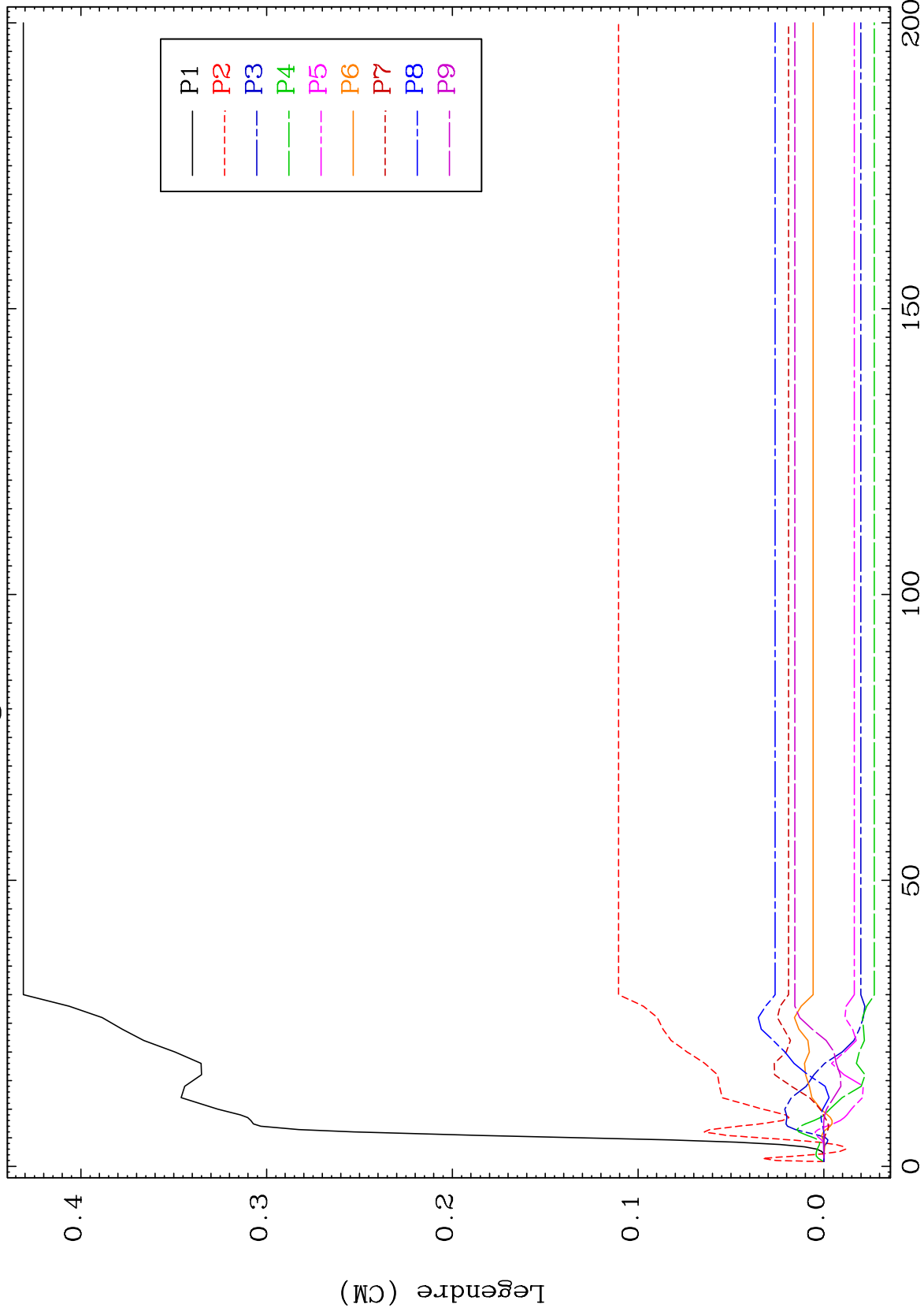
57-La-145



MAT 5746

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

57-La-145



84

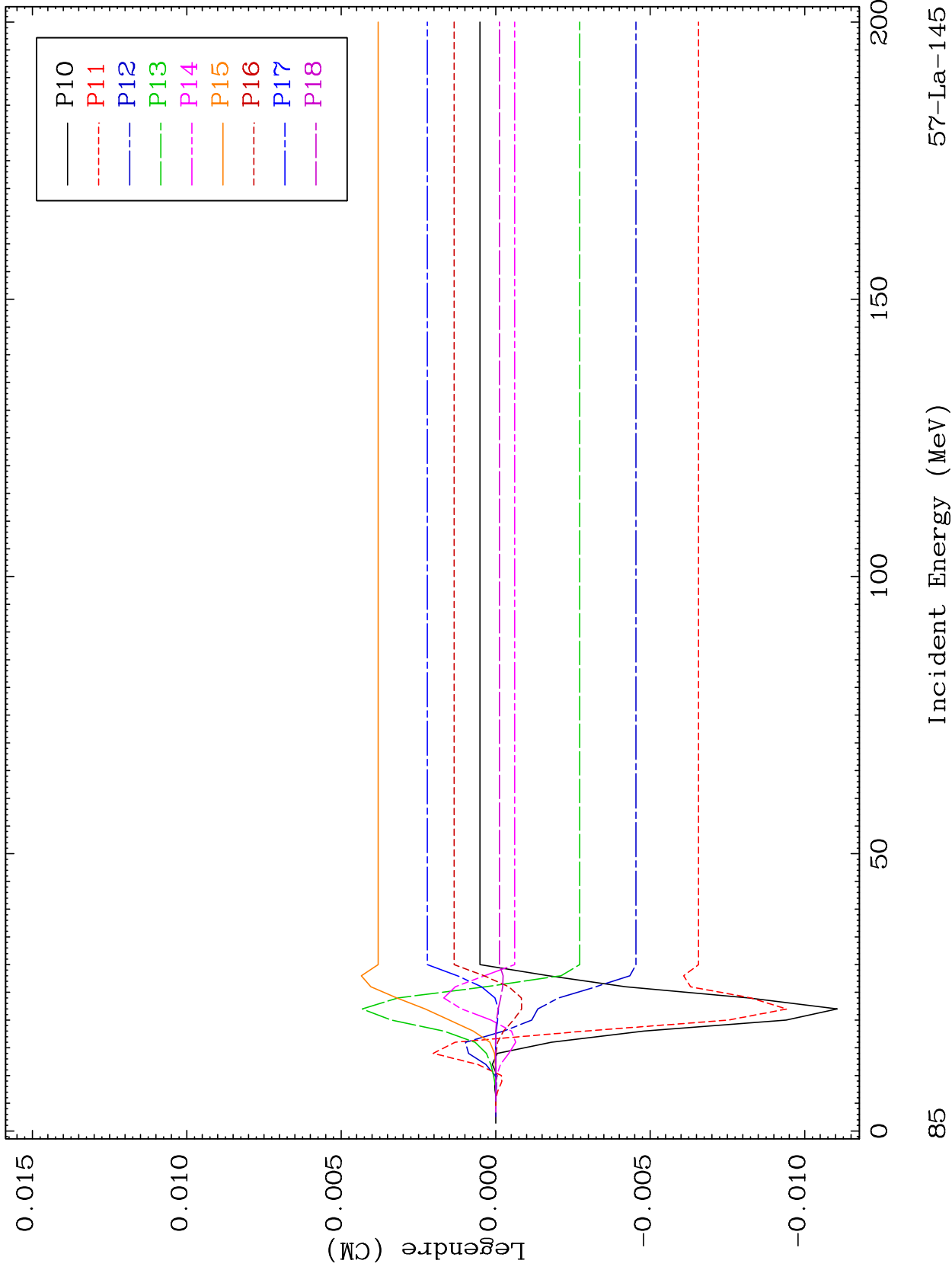
Incident Energy (MeV)

57-La-145

MAT 5746

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

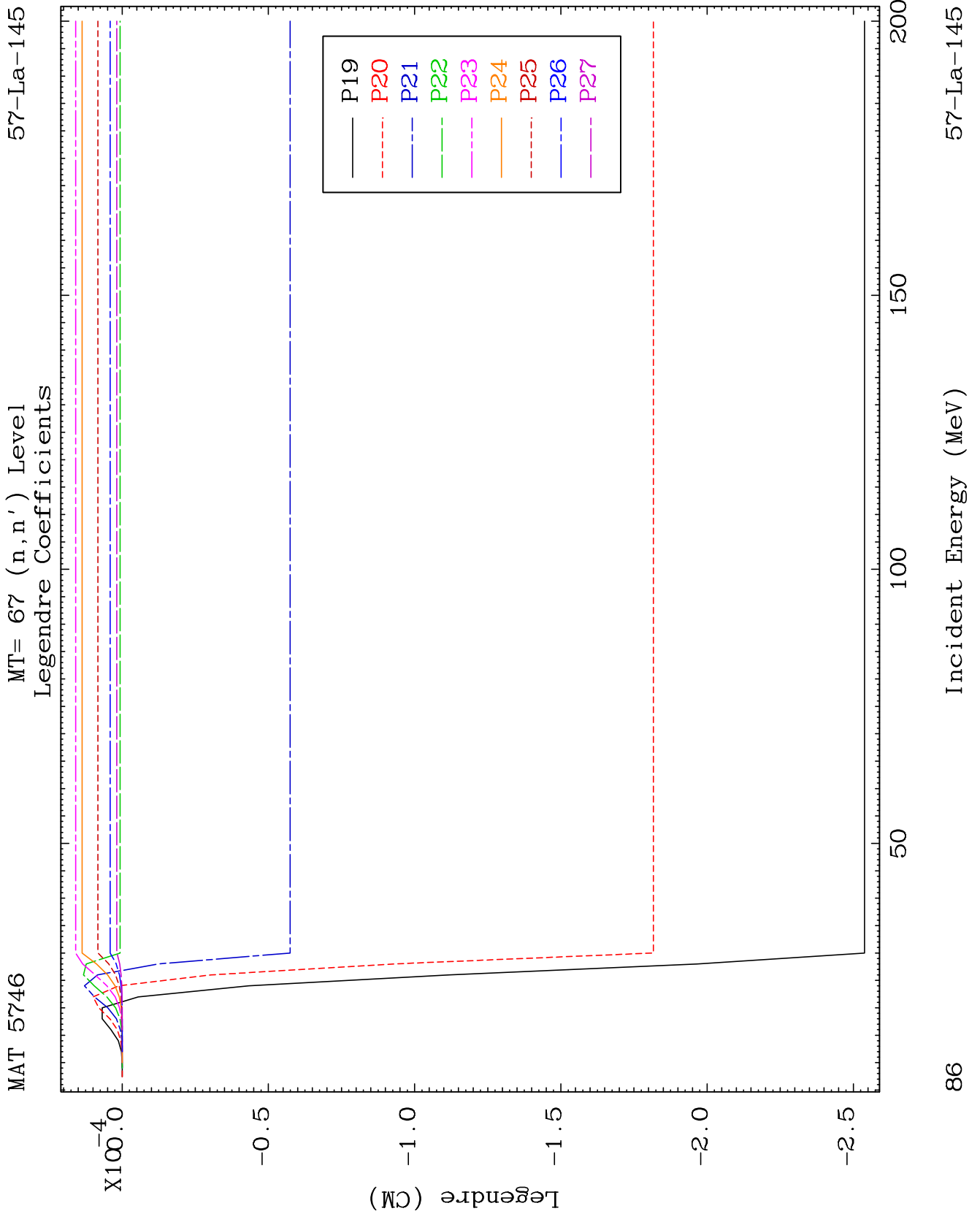
57-La-145



57-La-145

Incident Energy (MeV)

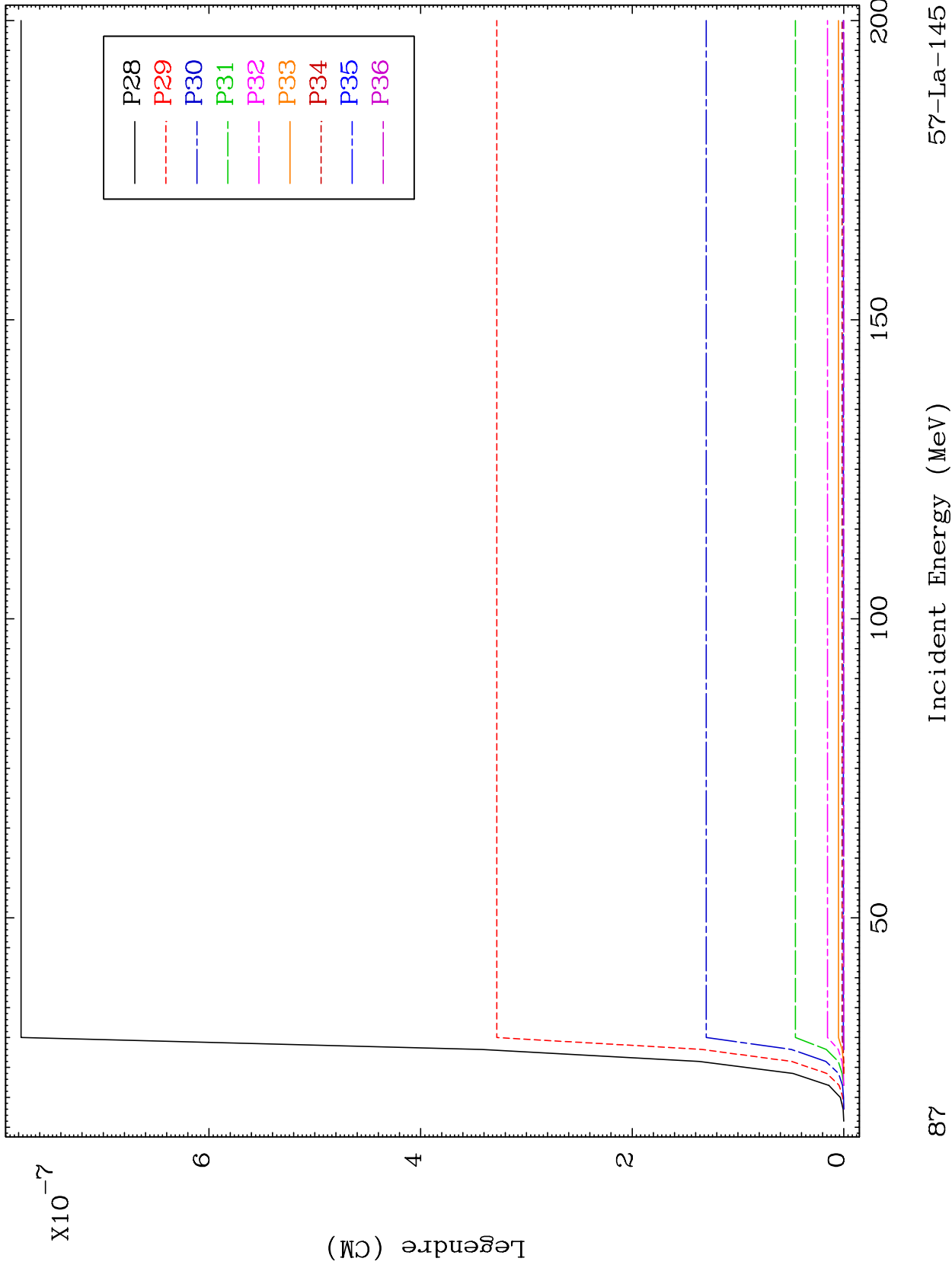
85



MAT 5746

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

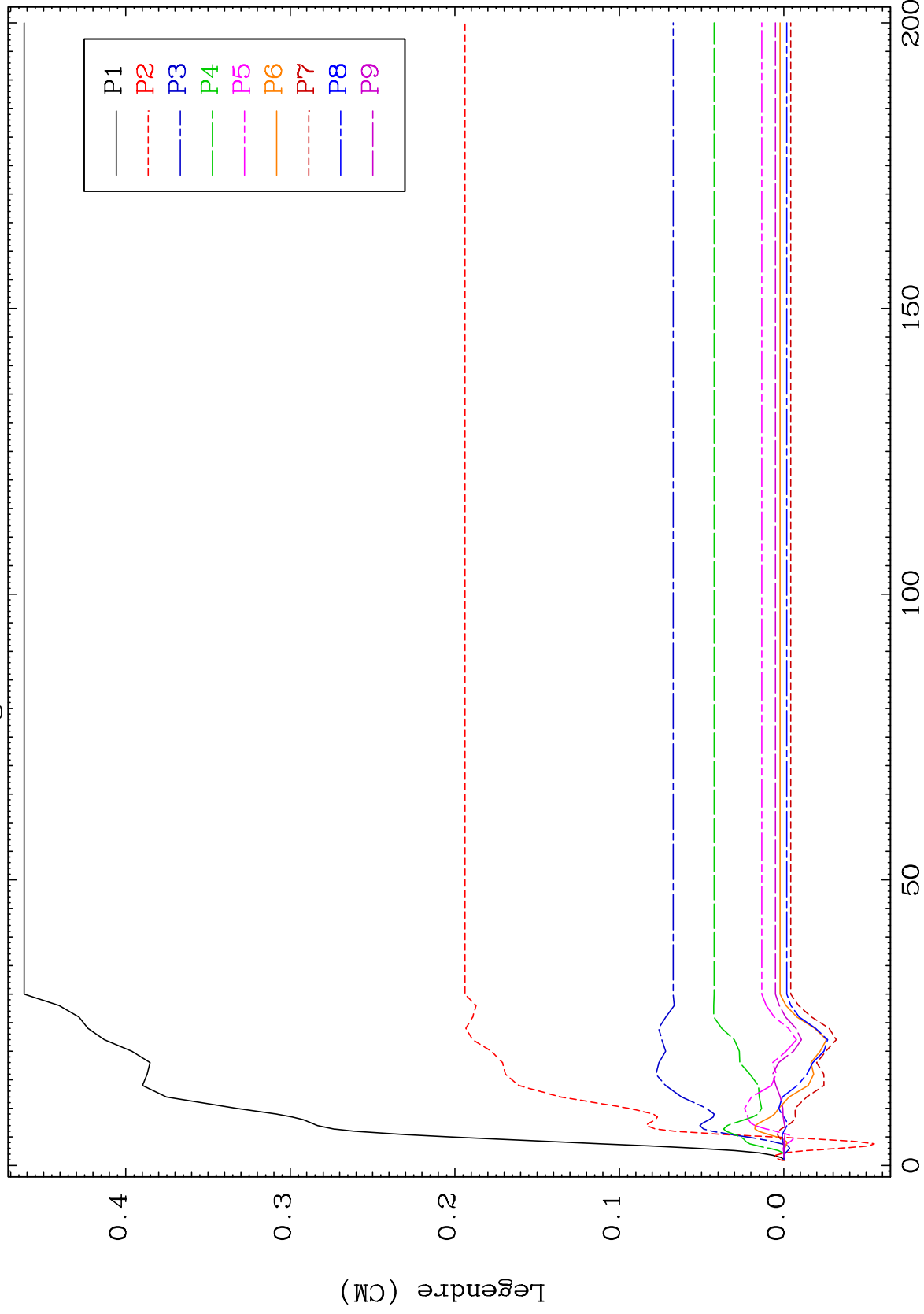
57-La-145



MAT 5746

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

57-La-145



88

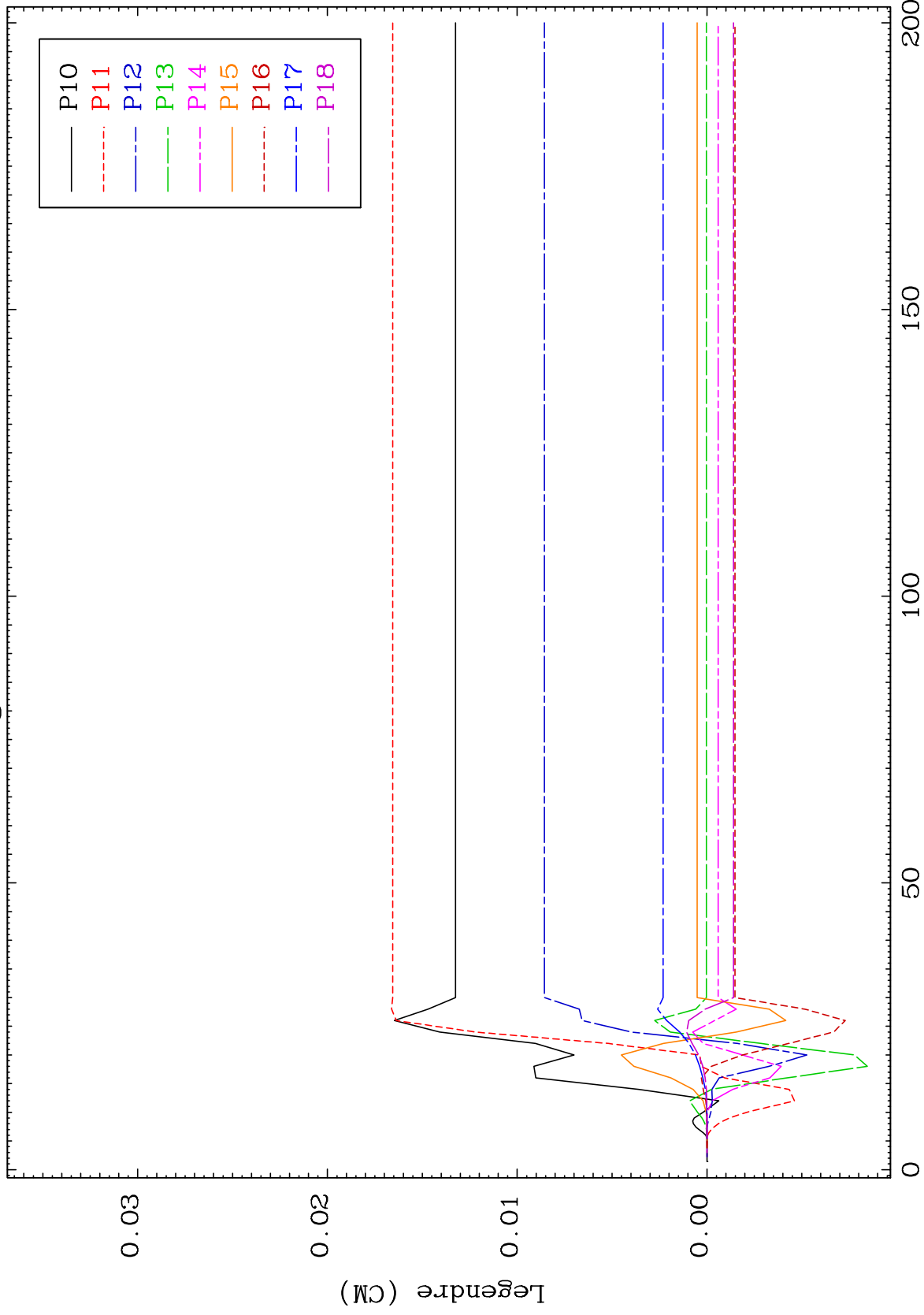
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



89

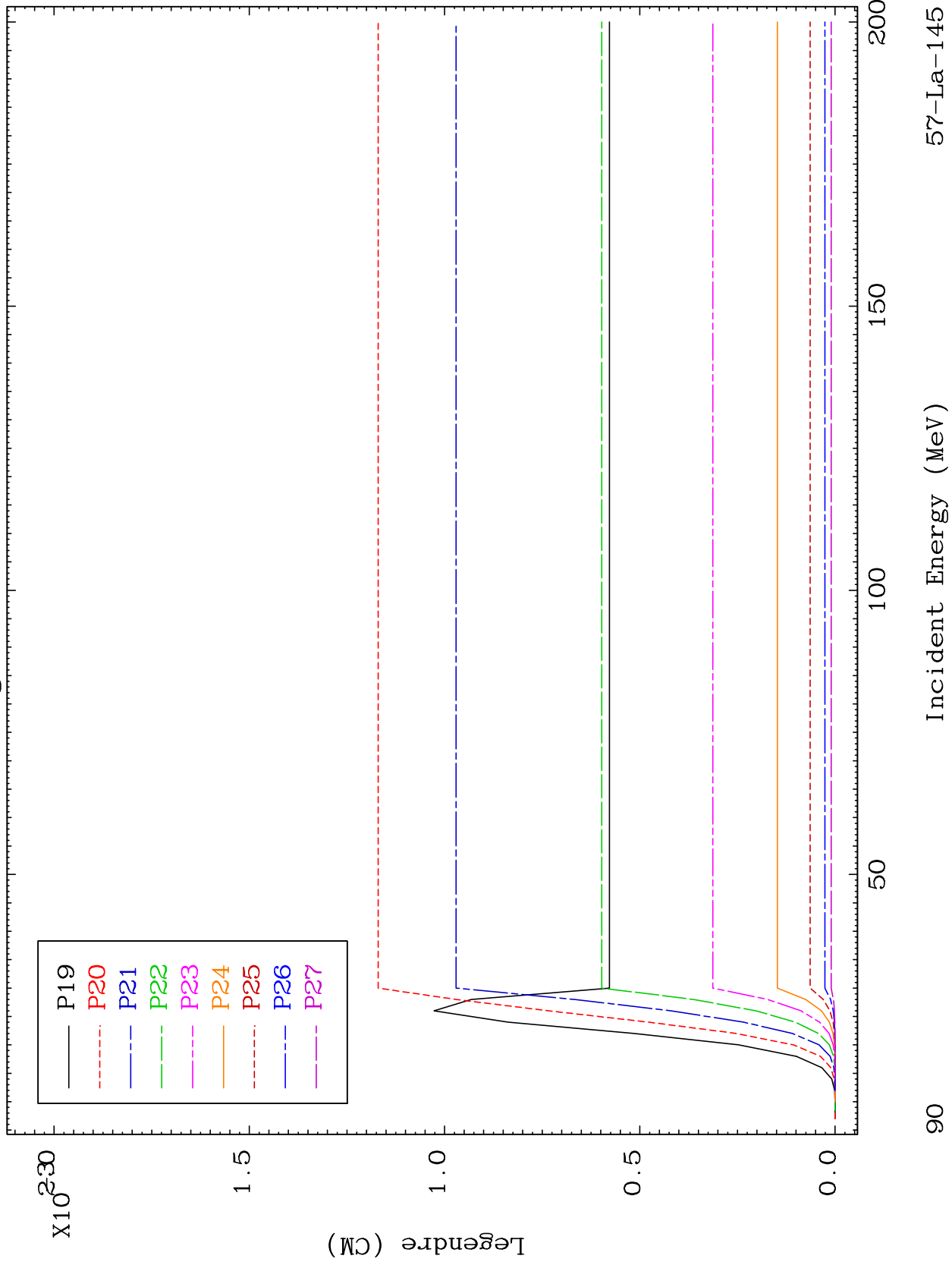
Incident Energy (MeV)

57-La-145

MAT 5746

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

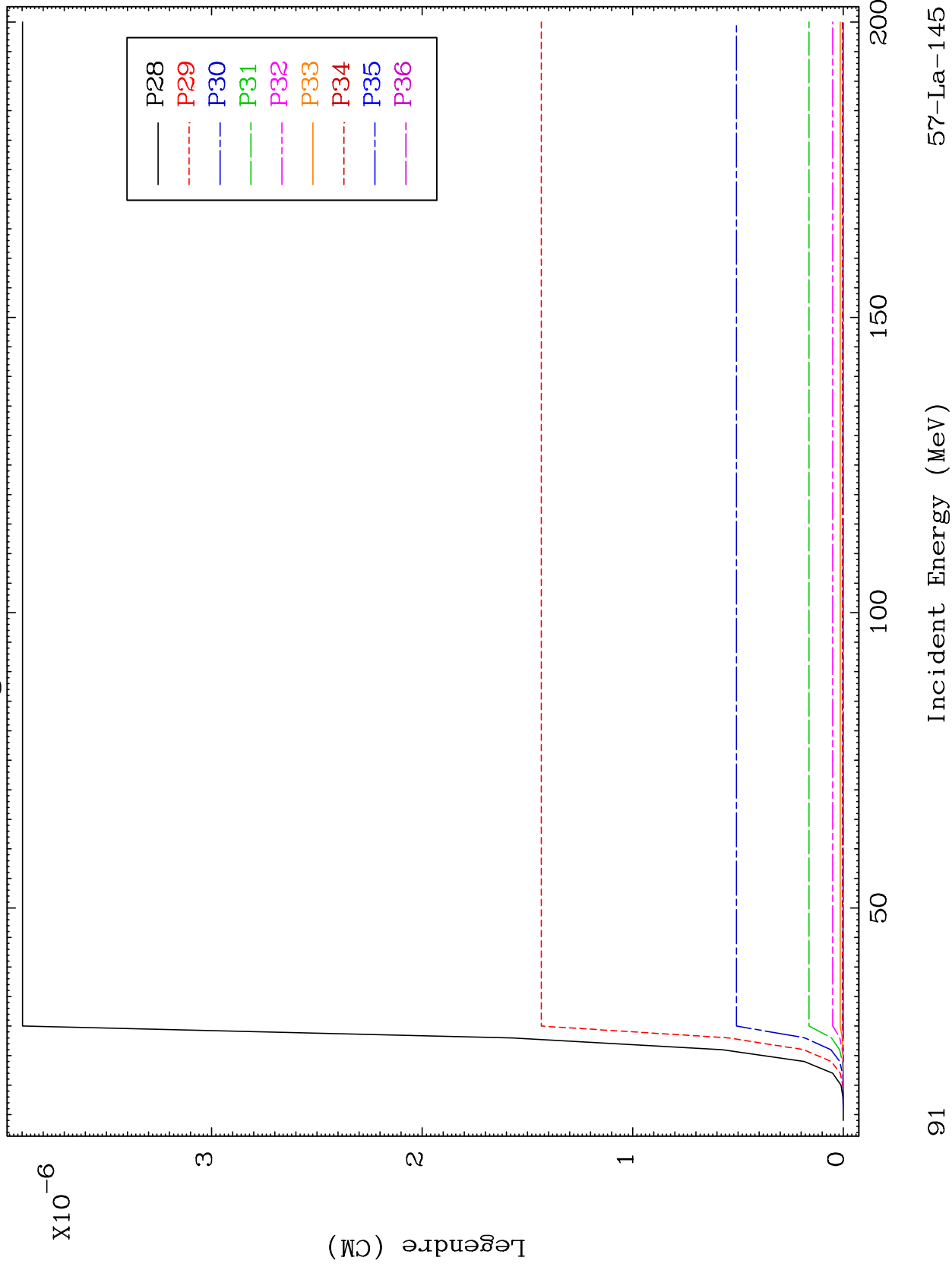
57-La-145



MAT 5746

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

57-La-145



91

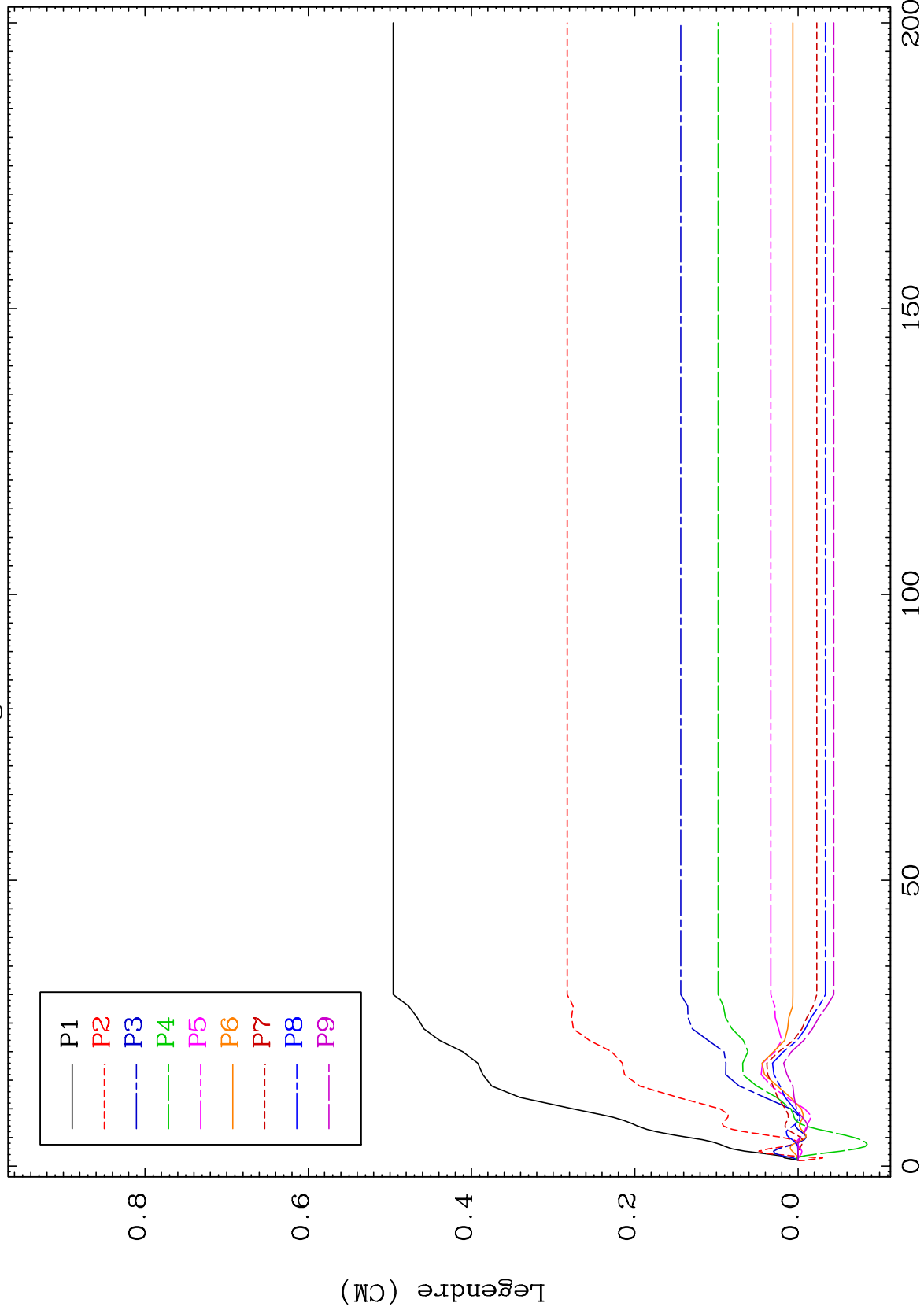
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



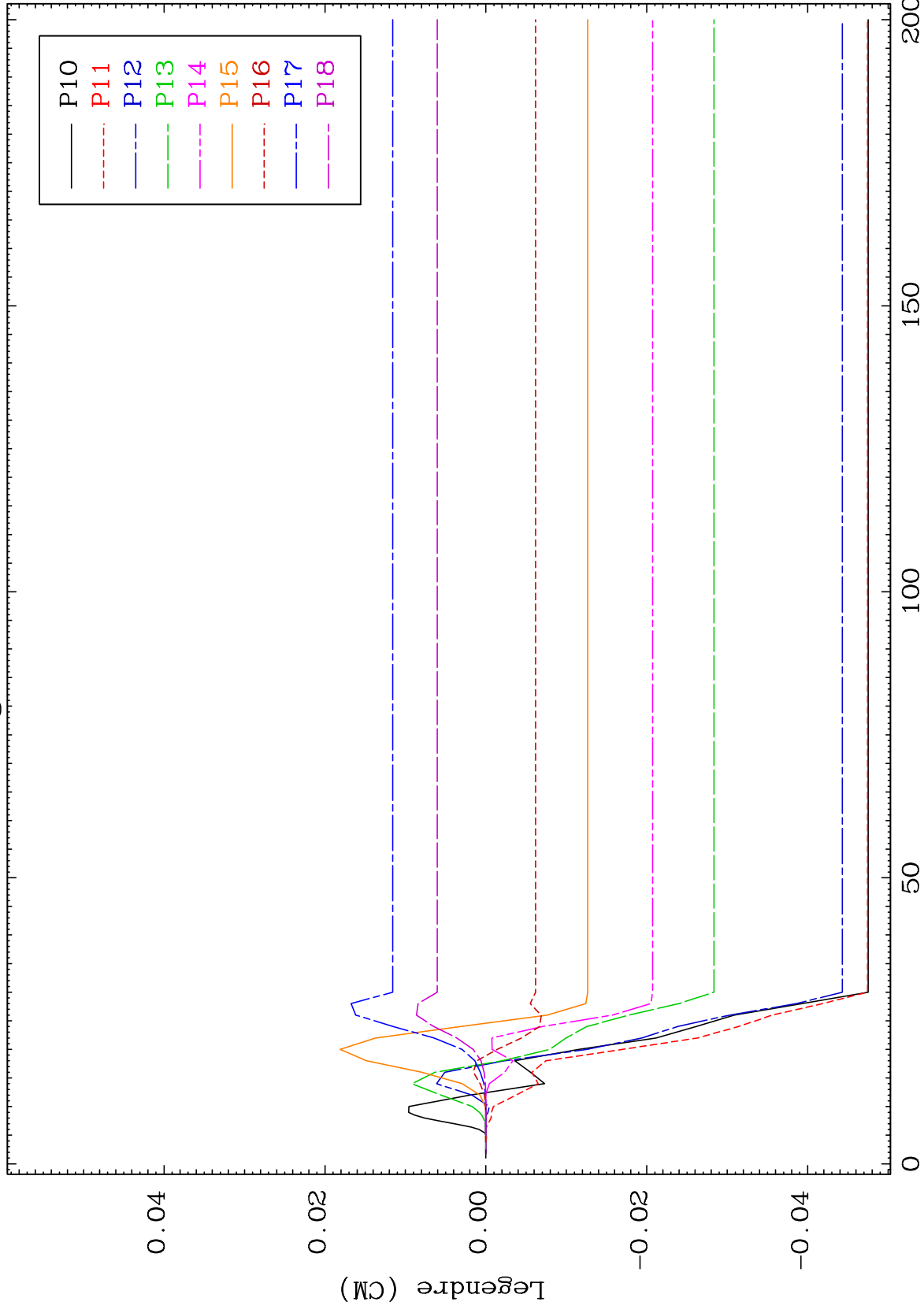
92

57-La-145

MAT 5746

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

57-La-145



93

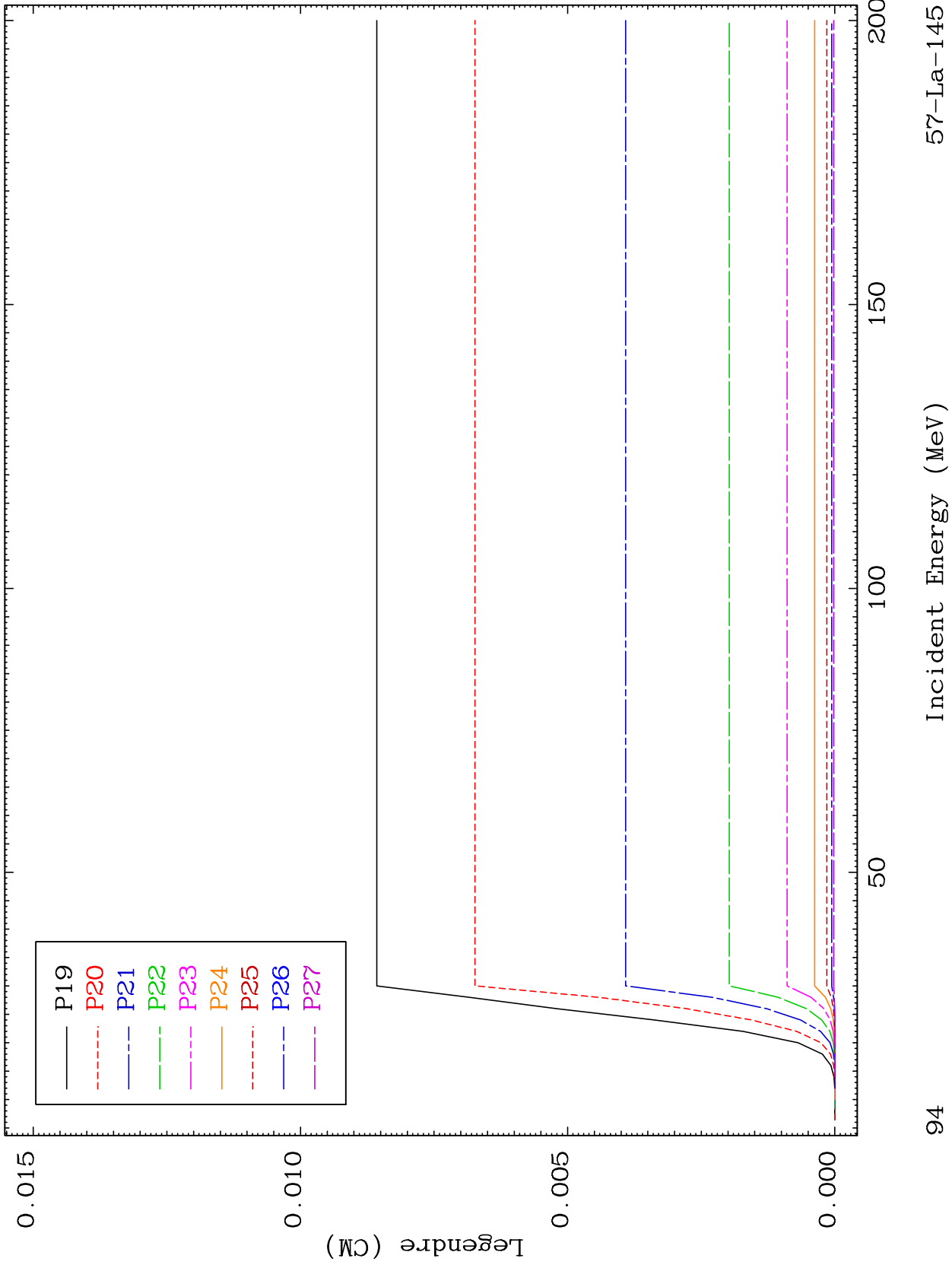
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



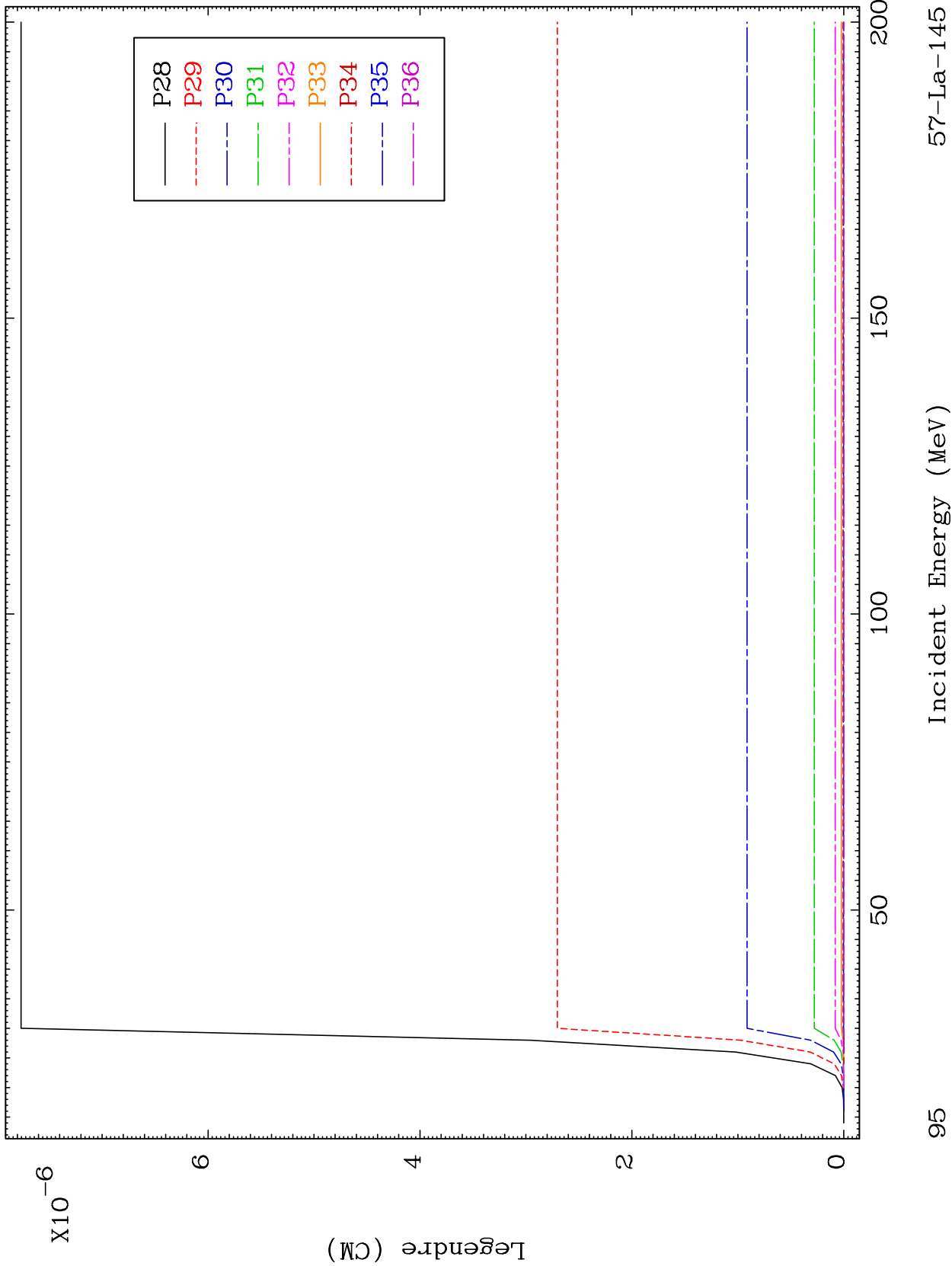
94

57-La-145

MAT 5746

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

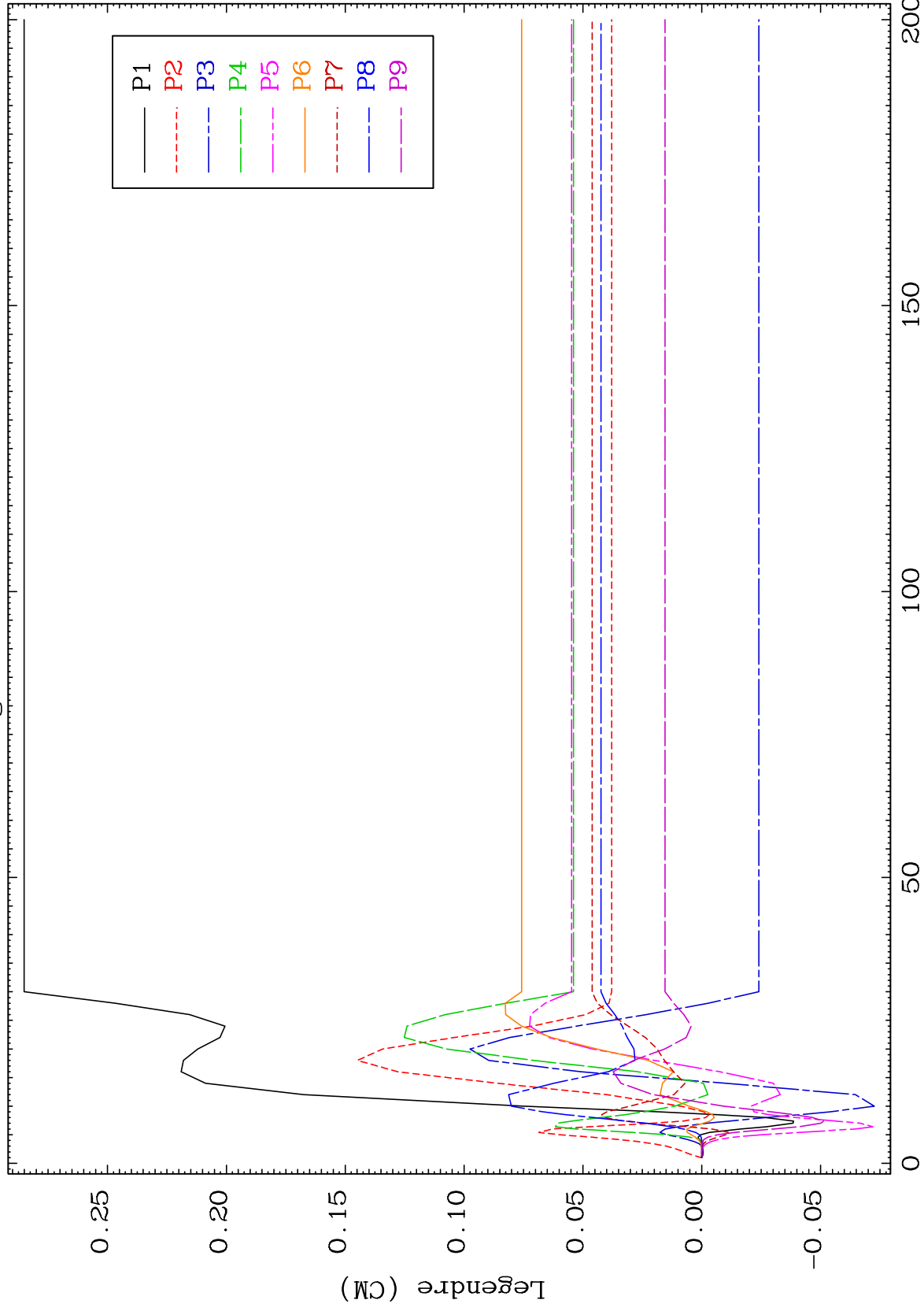
57-La-145



MAT 5746

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

57-La-145



96

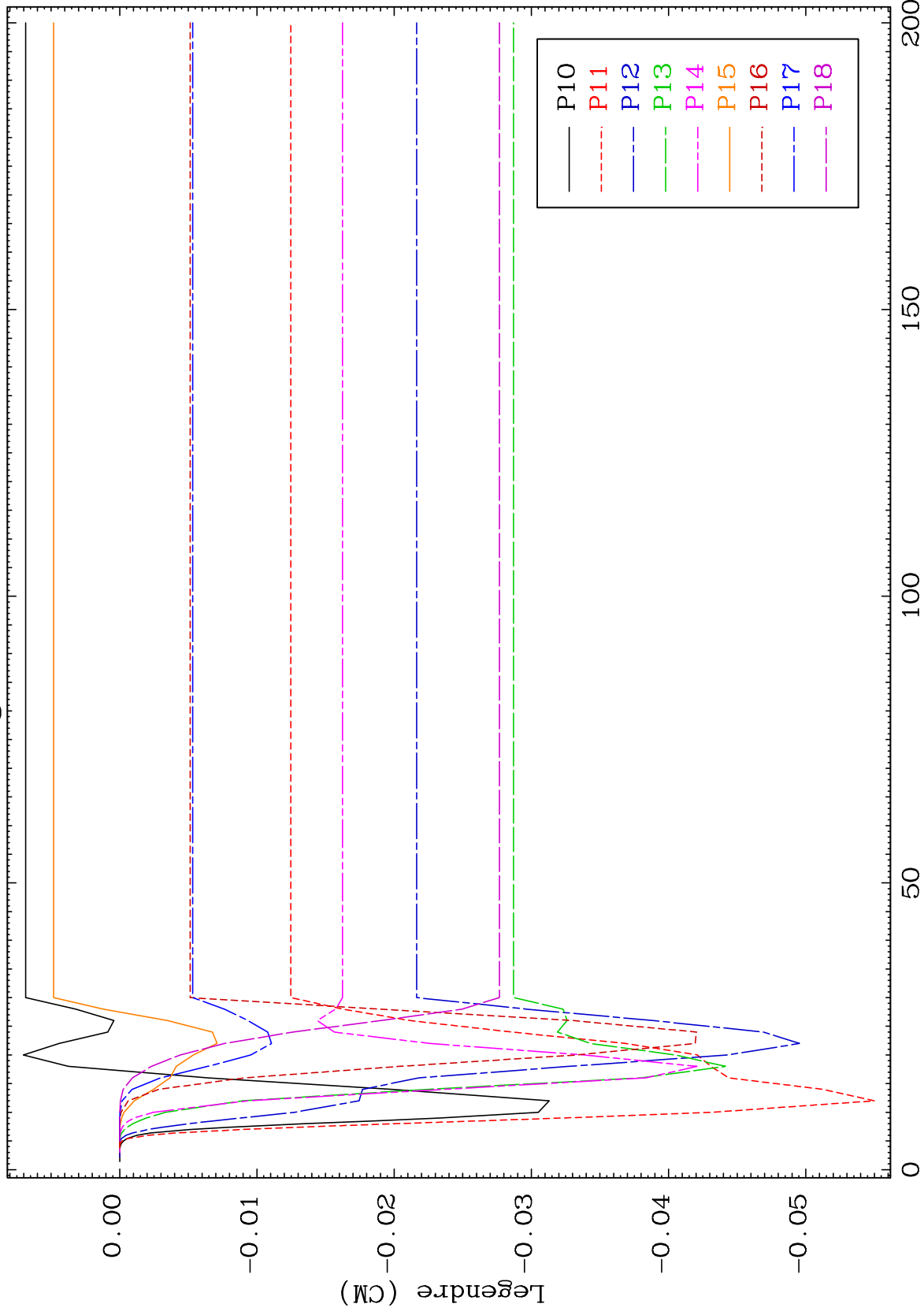
Incident Energy (MeV)

57-La-145

MAT 5746

57-La-145

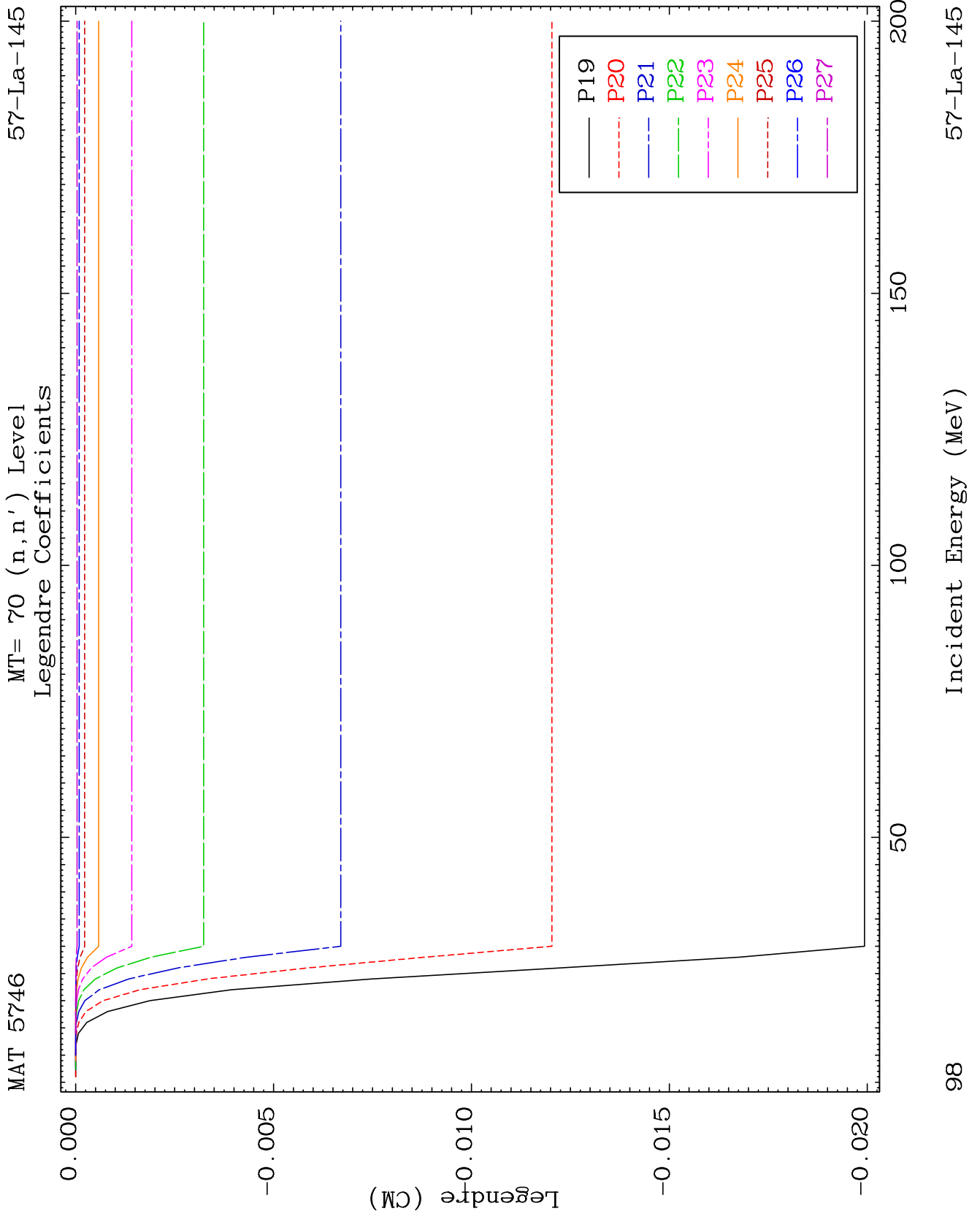
MT= 70 (n,n') Level
Legendre Coefficients

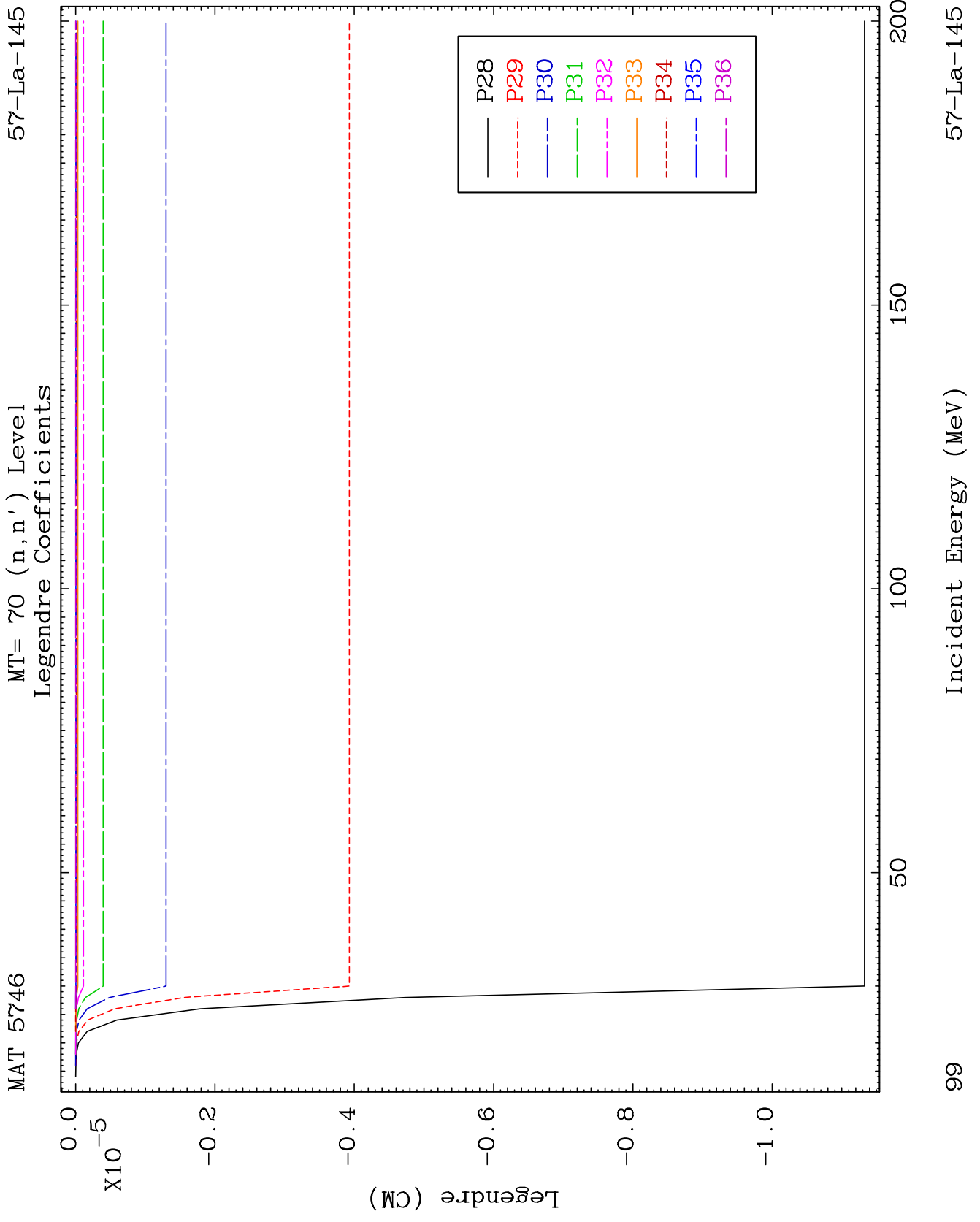


97

Incident Energy (MeV)

57-La-145

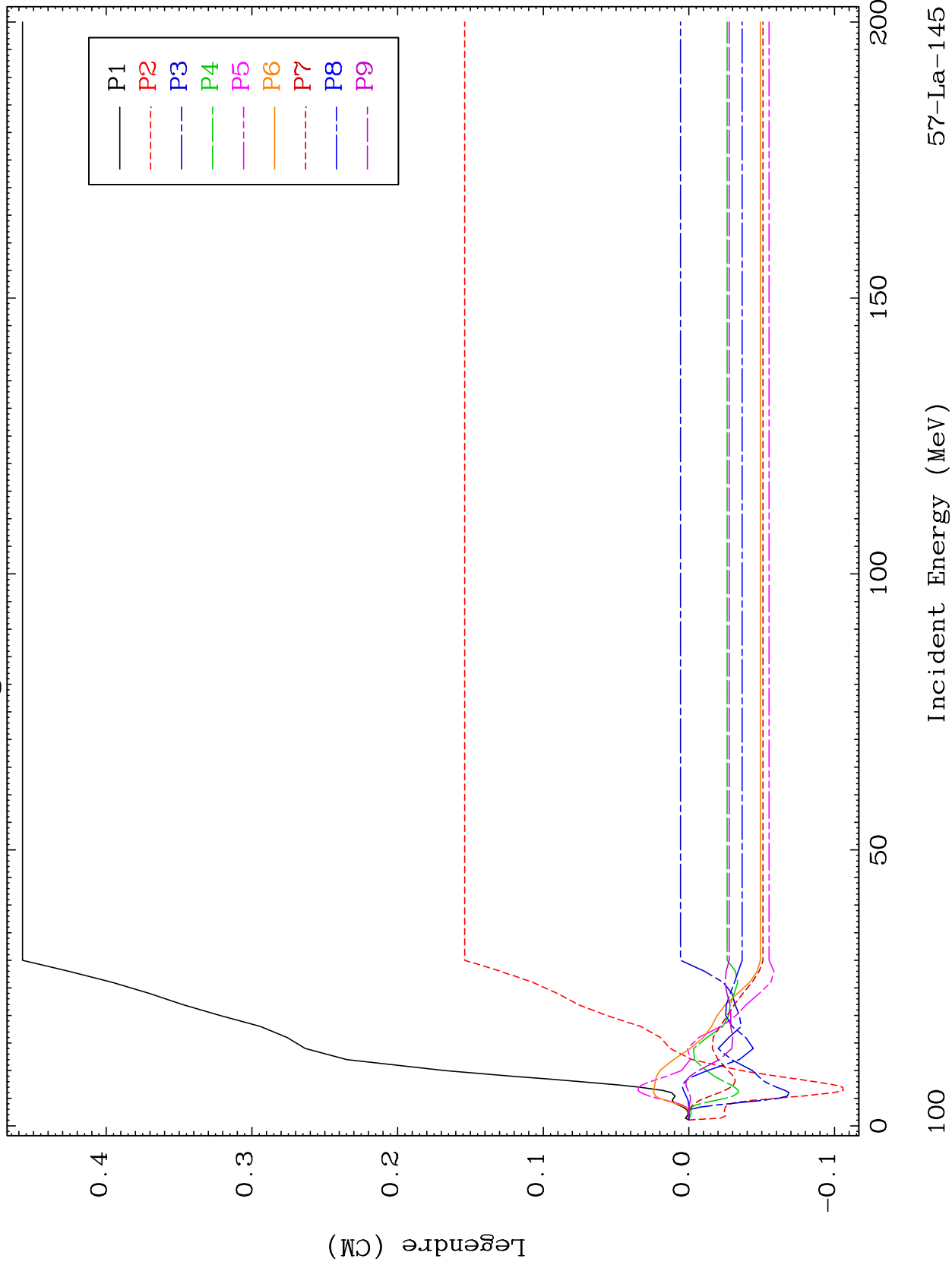




MAT 5746

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

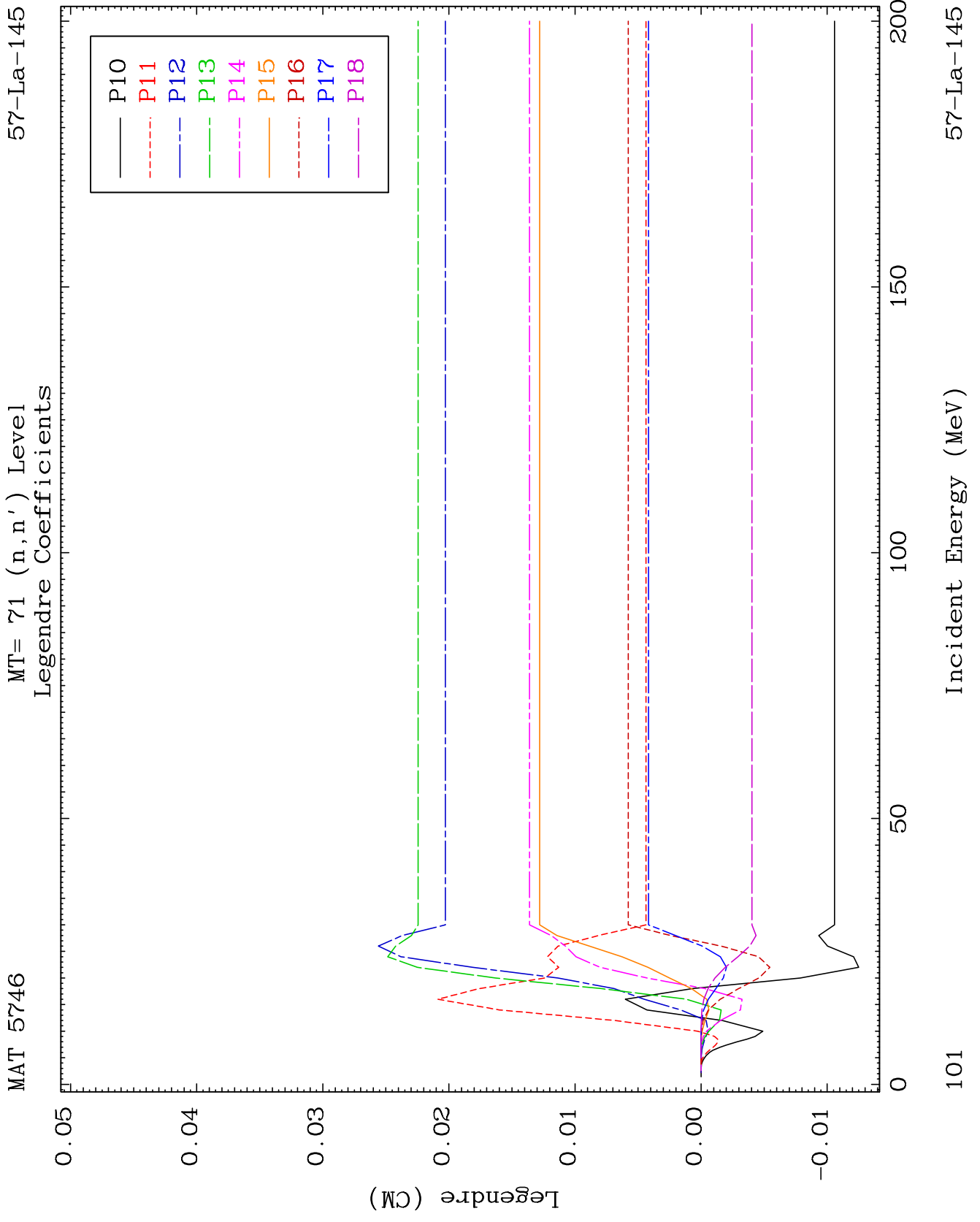
57-La-145



57-La-145

Incident Energy (MeV)

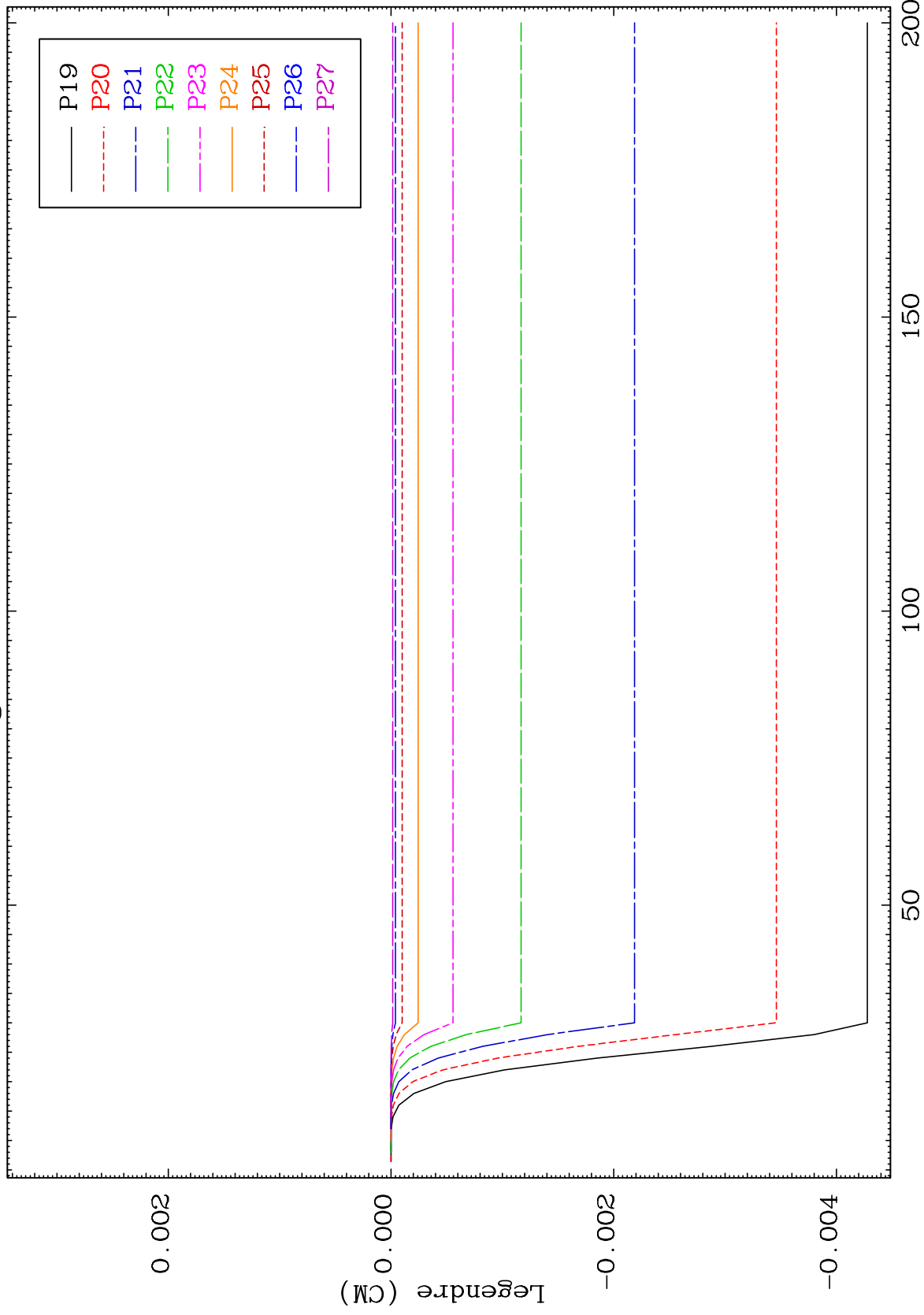
Legendre (CM)



MAT 5746

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

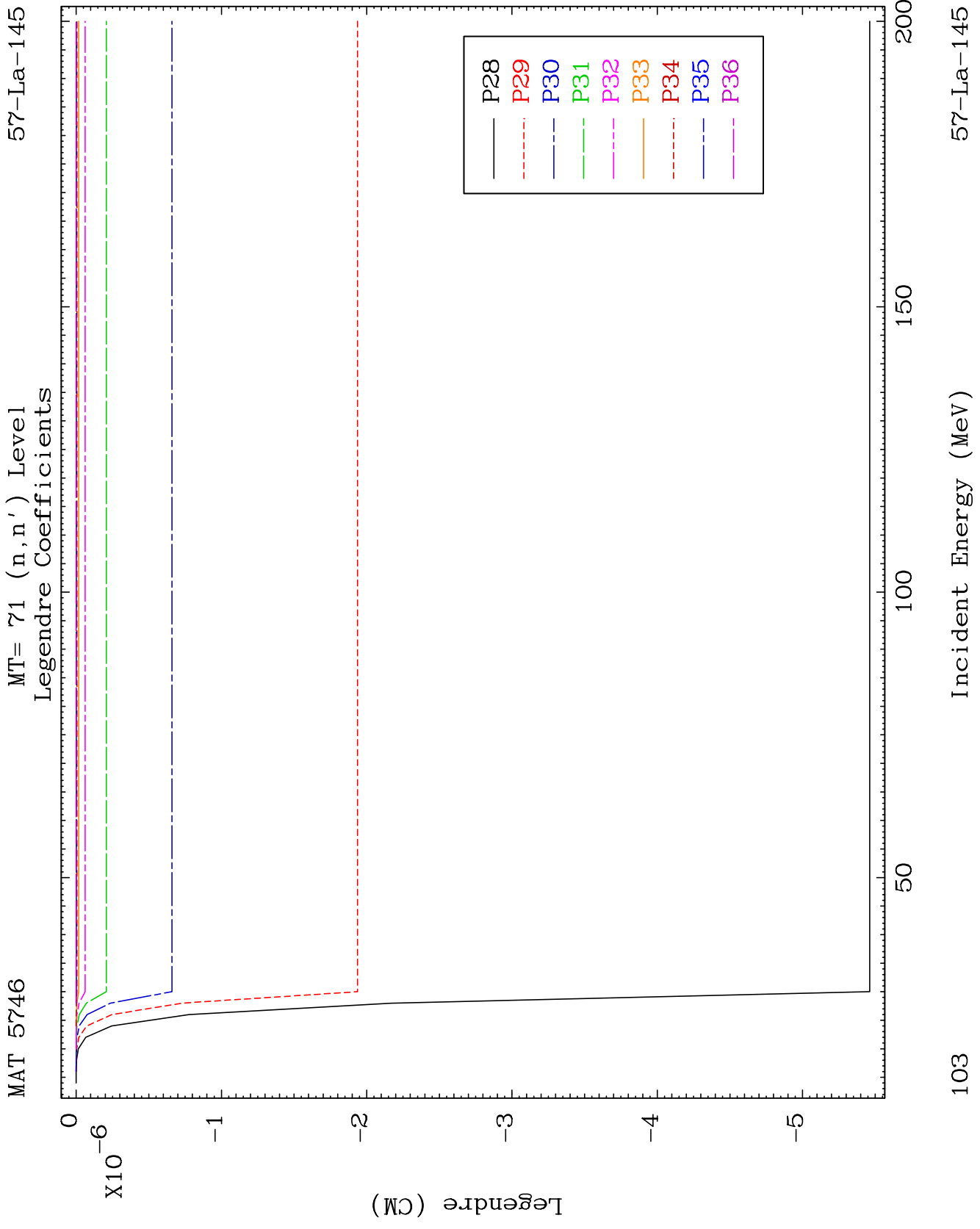
57-La-145



102

Incident Energy (MeV)

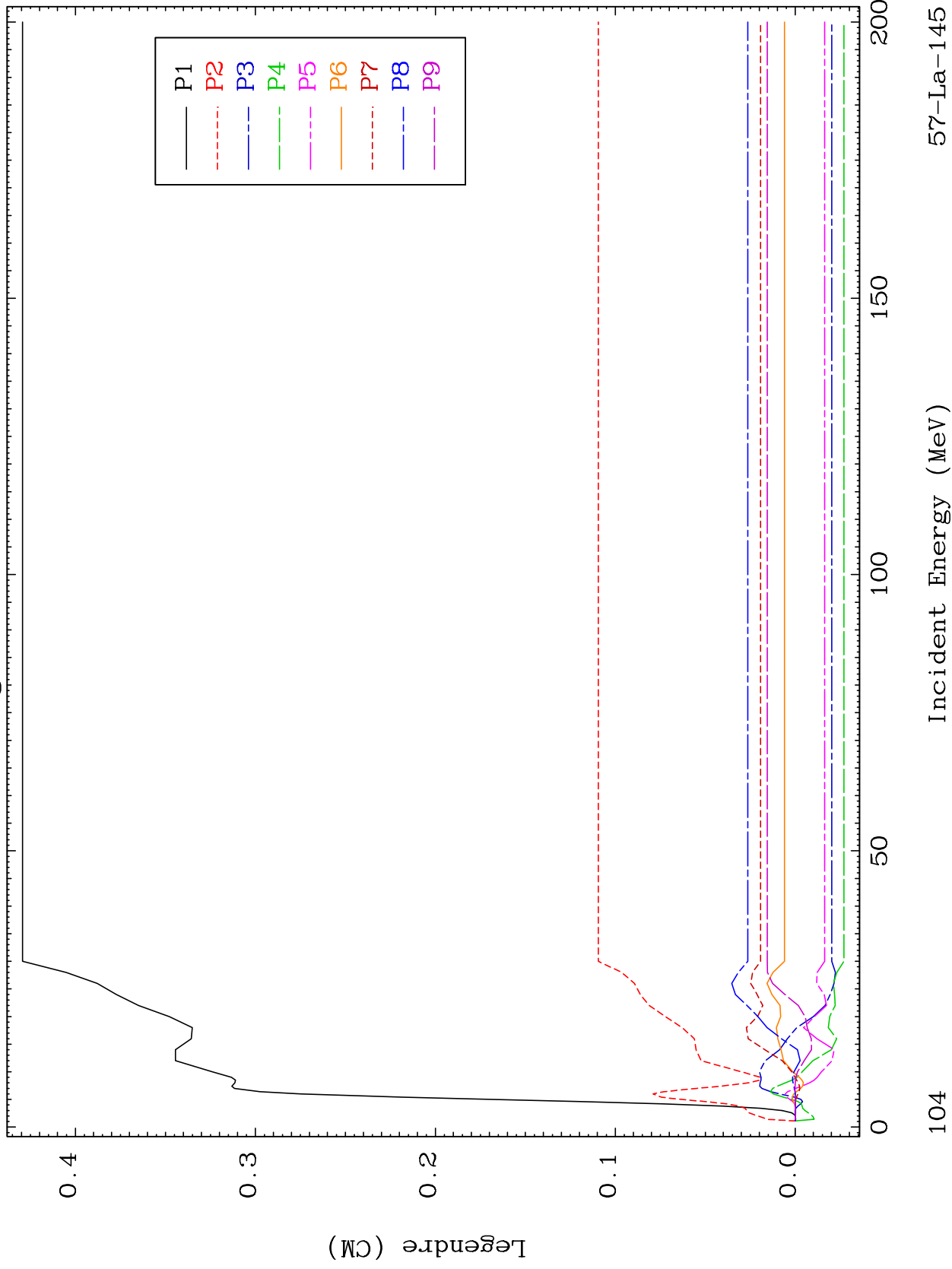
57-La-145



MAT 5746

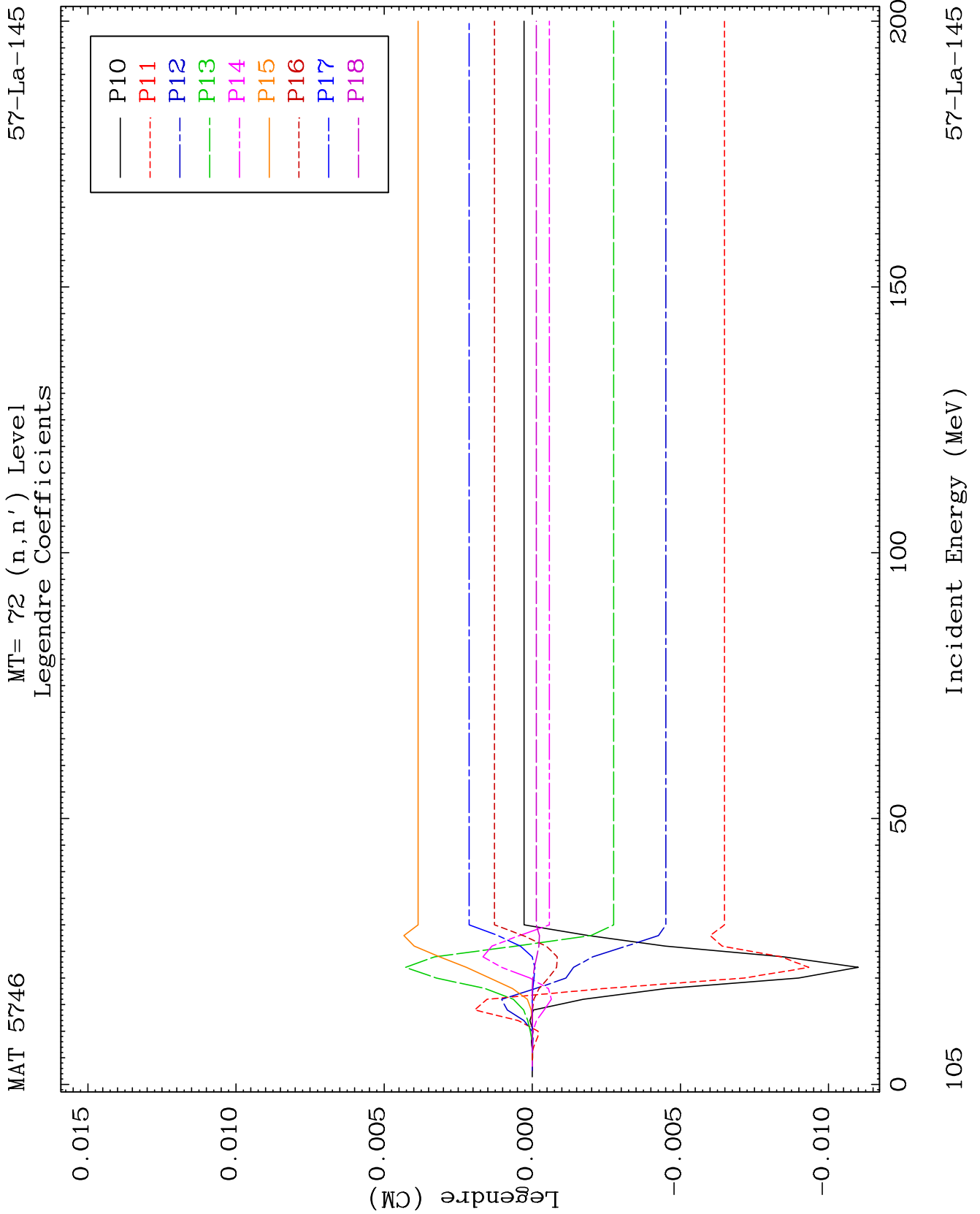
MT= 72 (n,n') Level
Legendre Coefficients

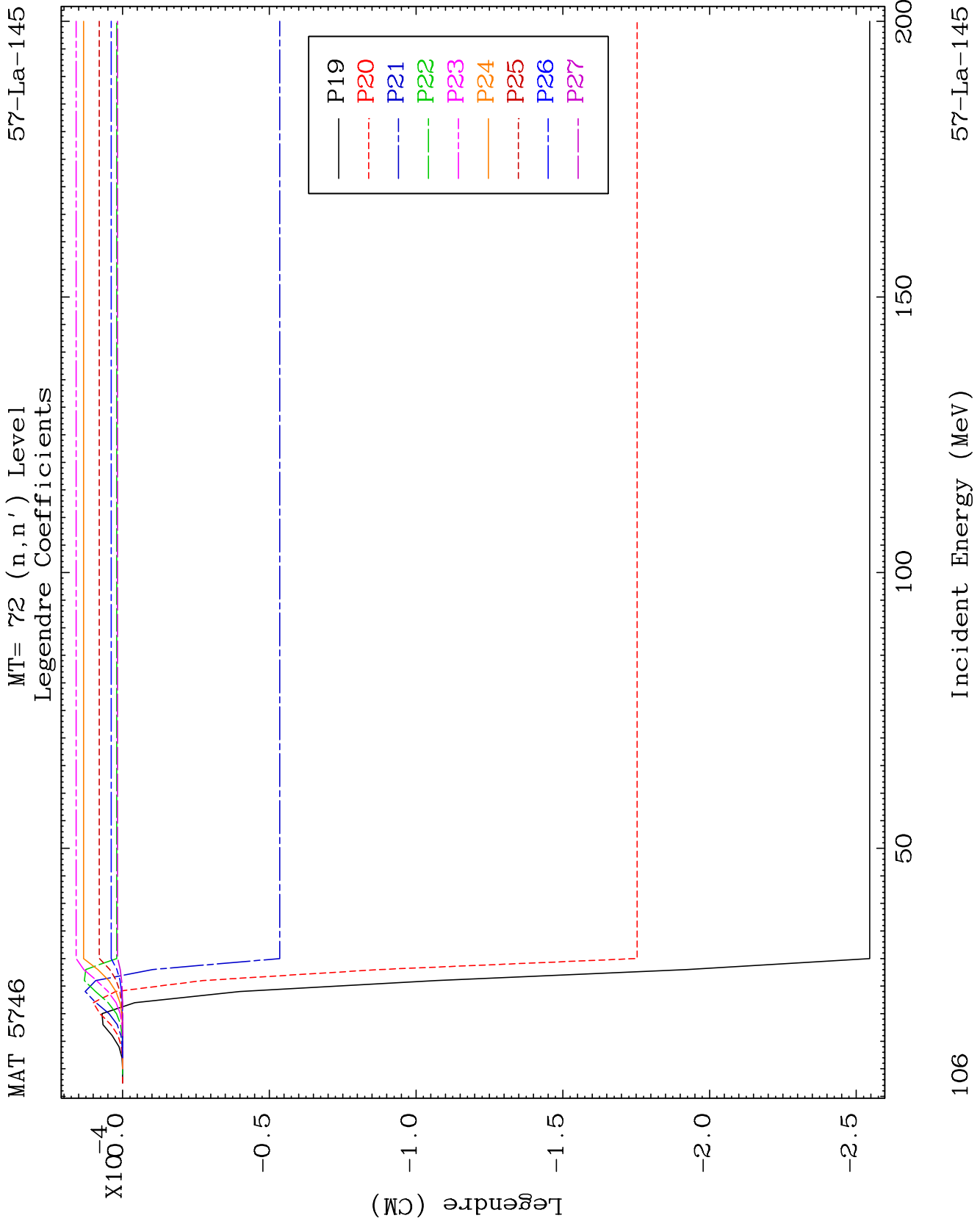
57-La-145



57-La-145

104

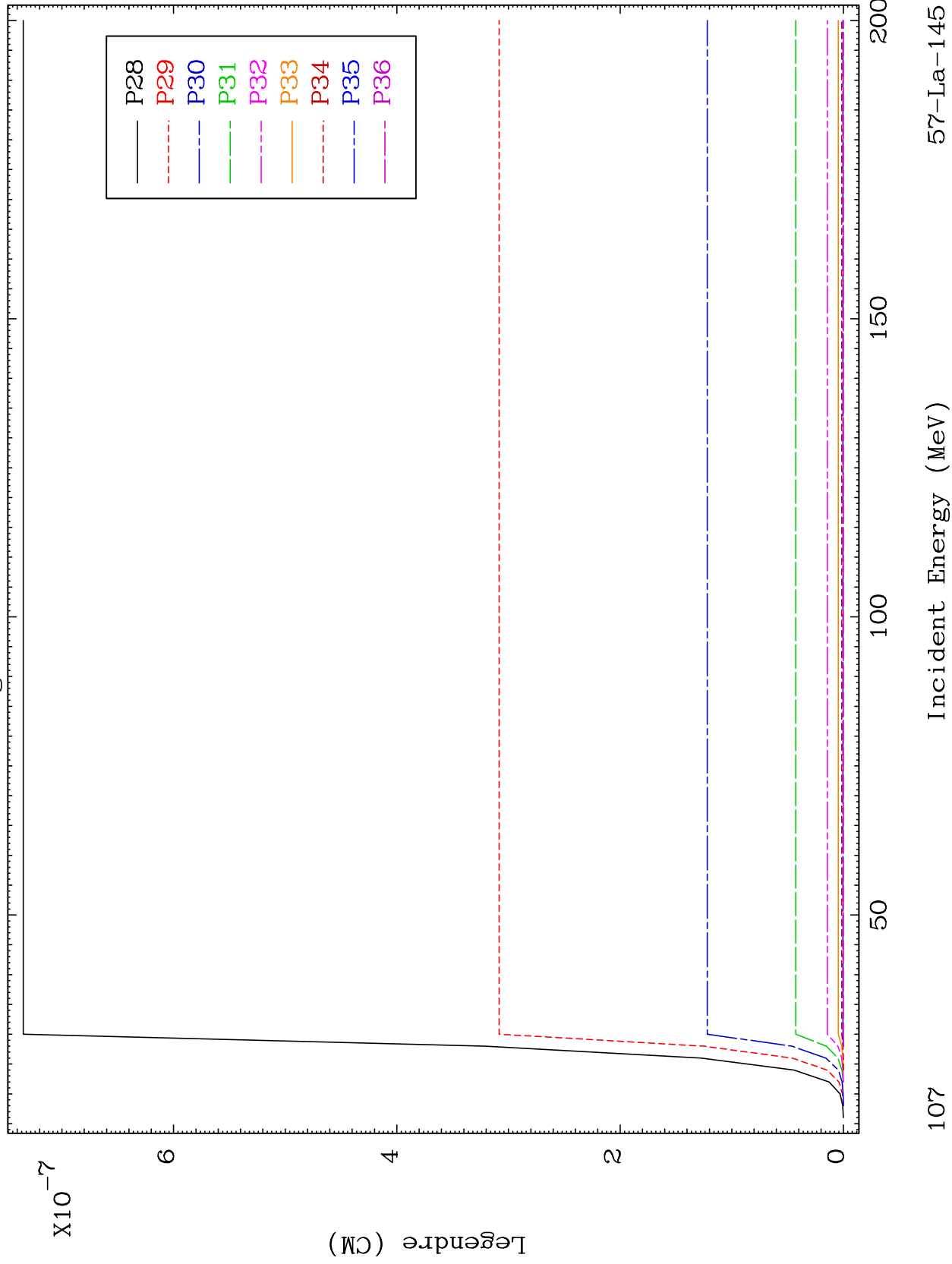




MAT 5746

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

57-La-145



107

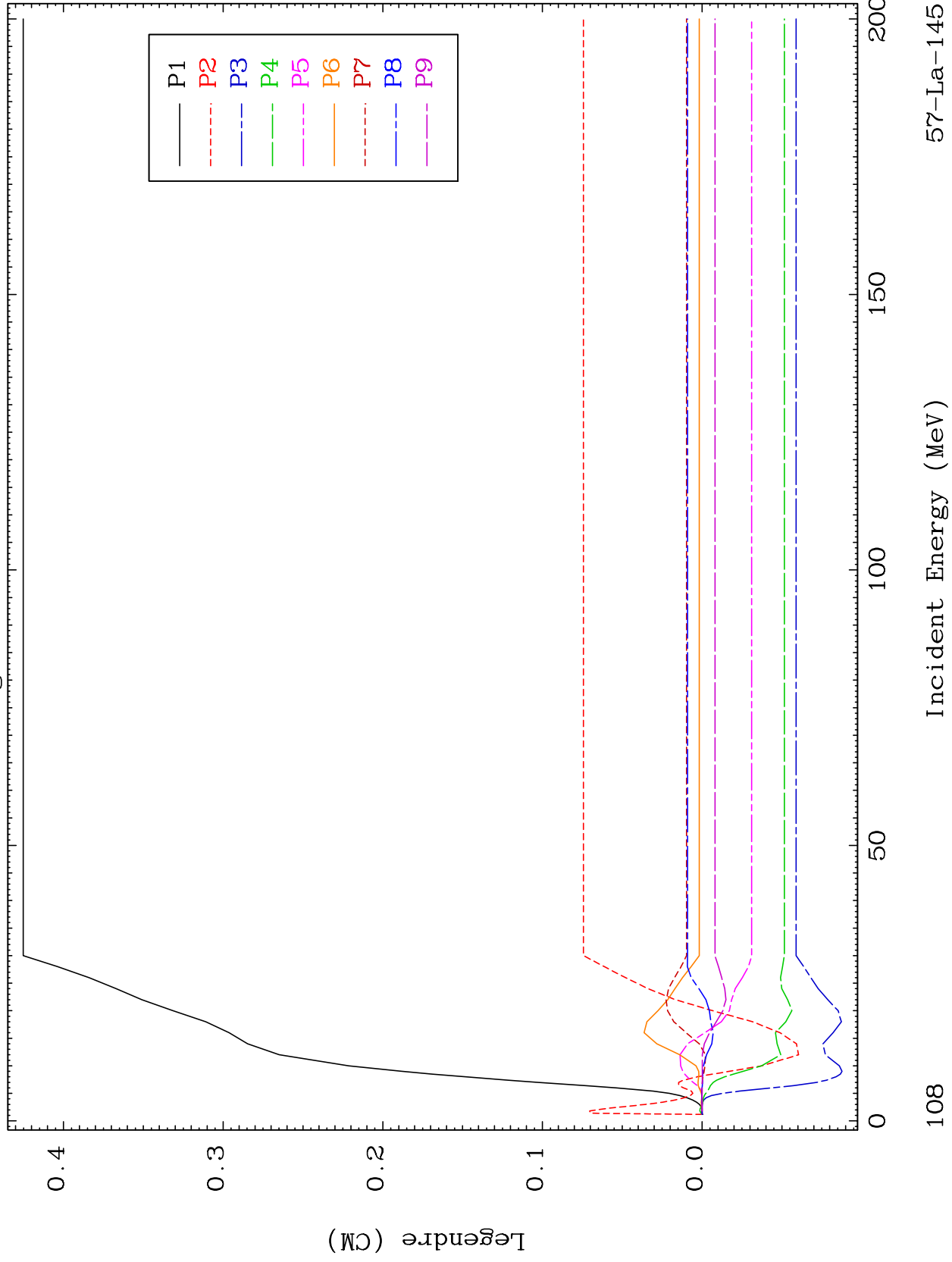
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



57-La-145

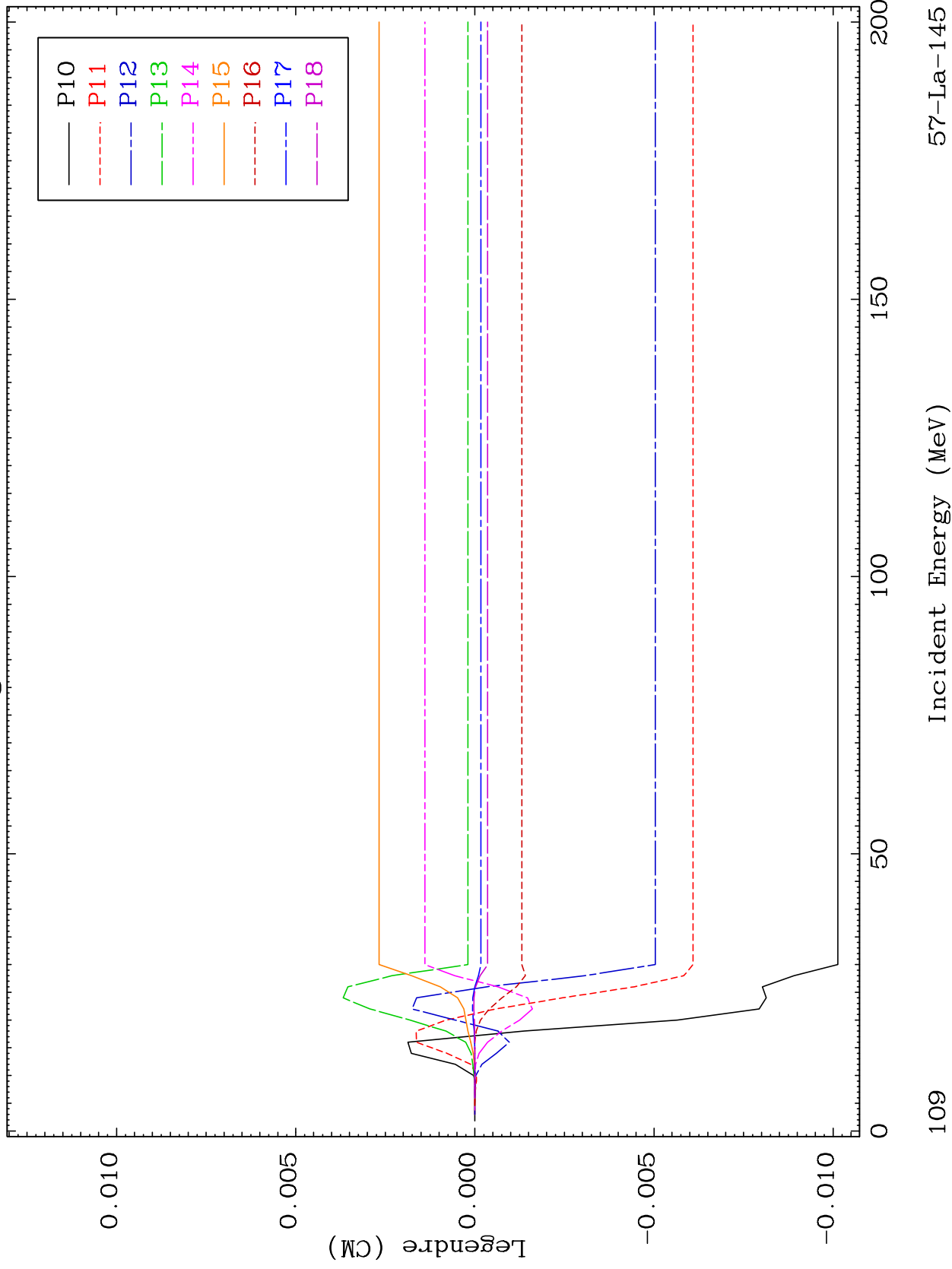
Incident Energy (MeV)

108

MAT 5746

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

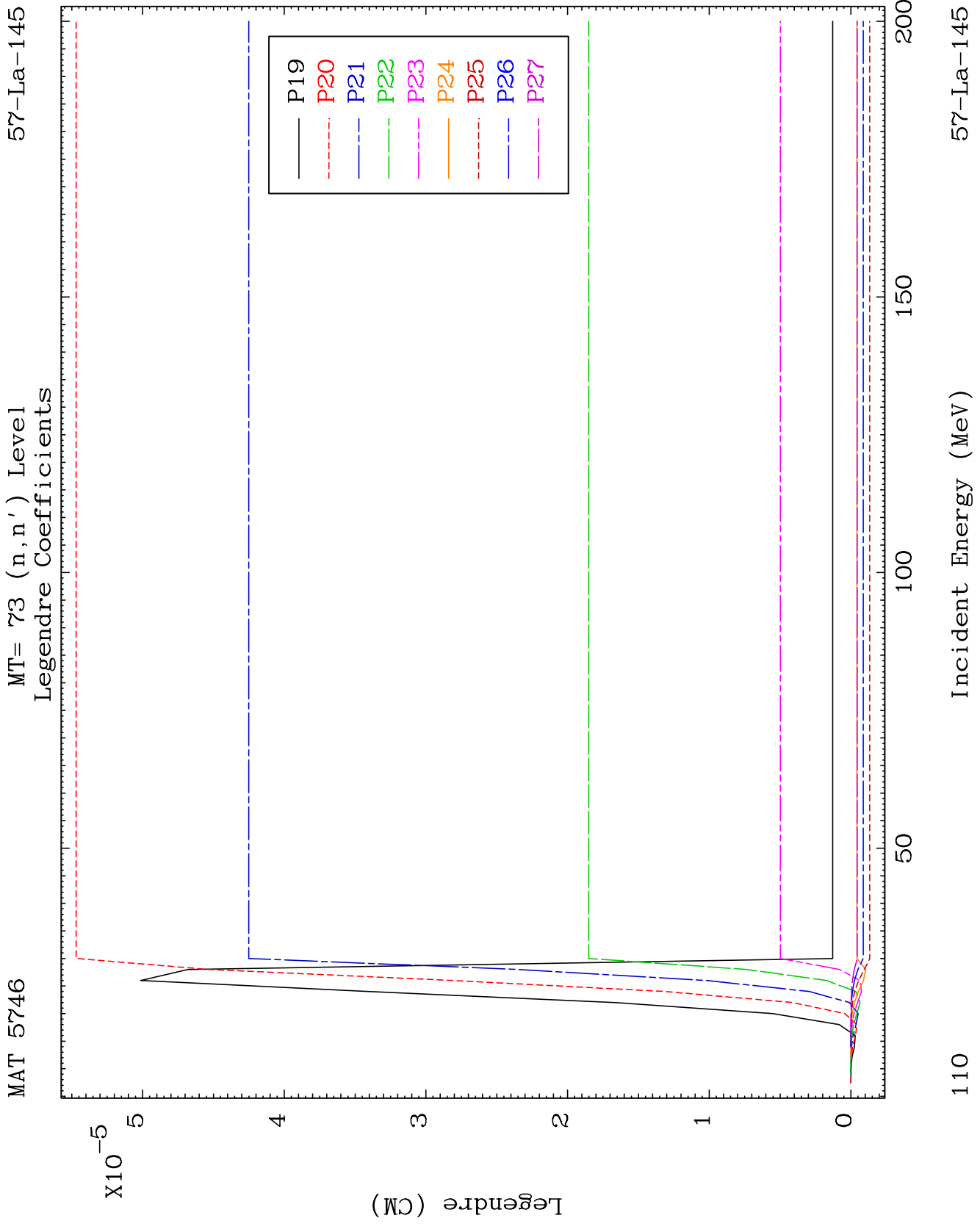
57-La-145

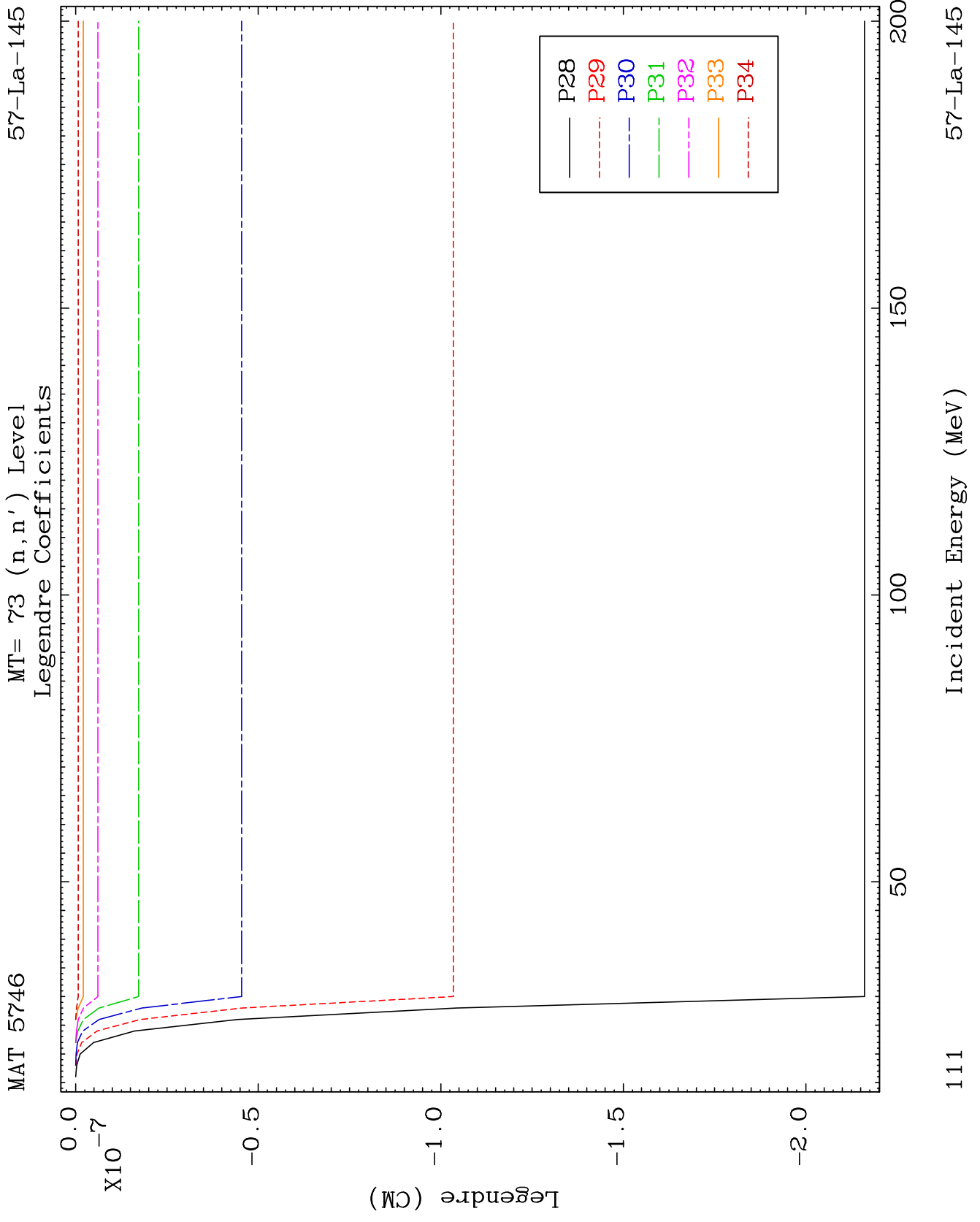


57-La-145

Incident Energy (MeV)

109

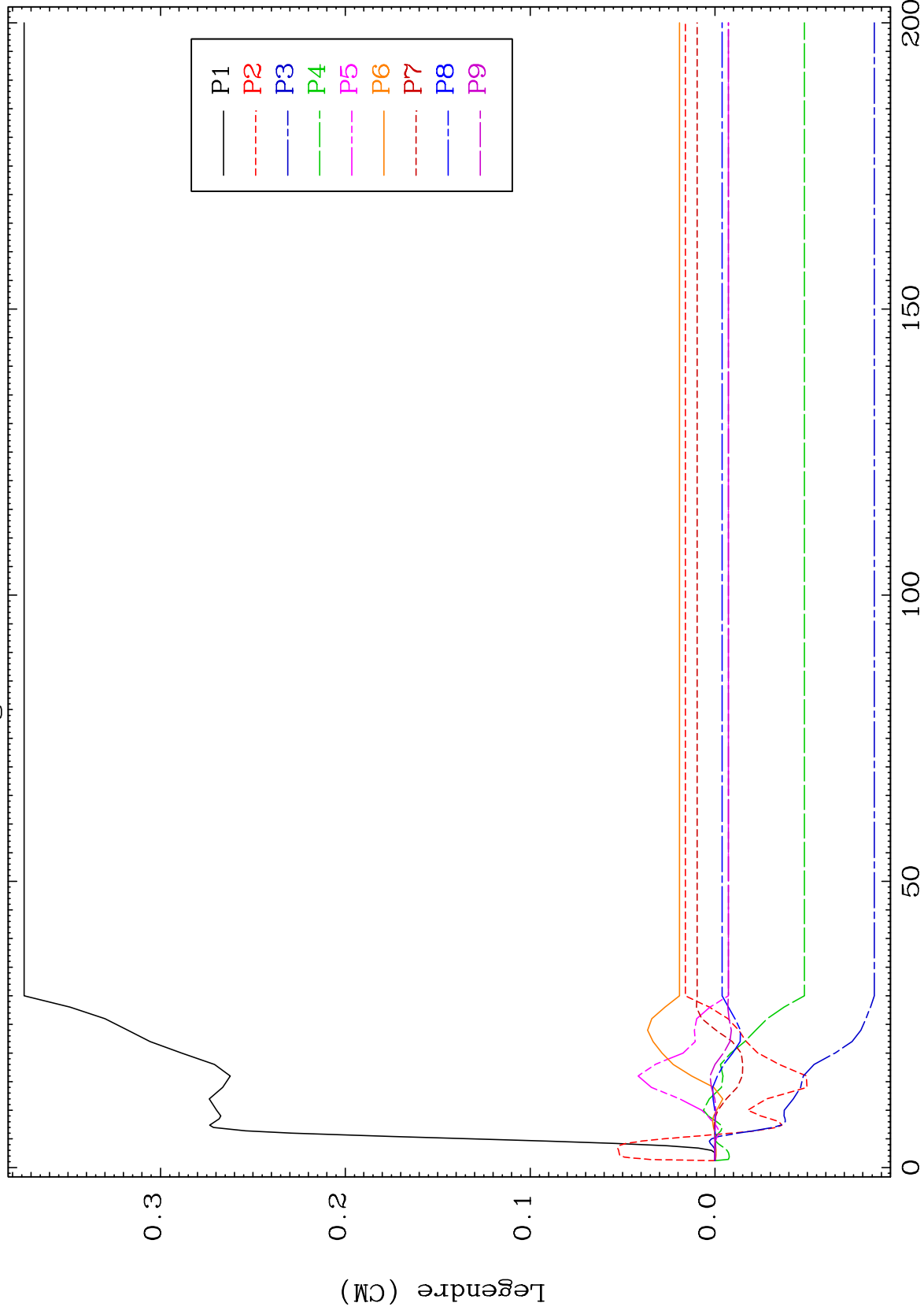




MAT 5746

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

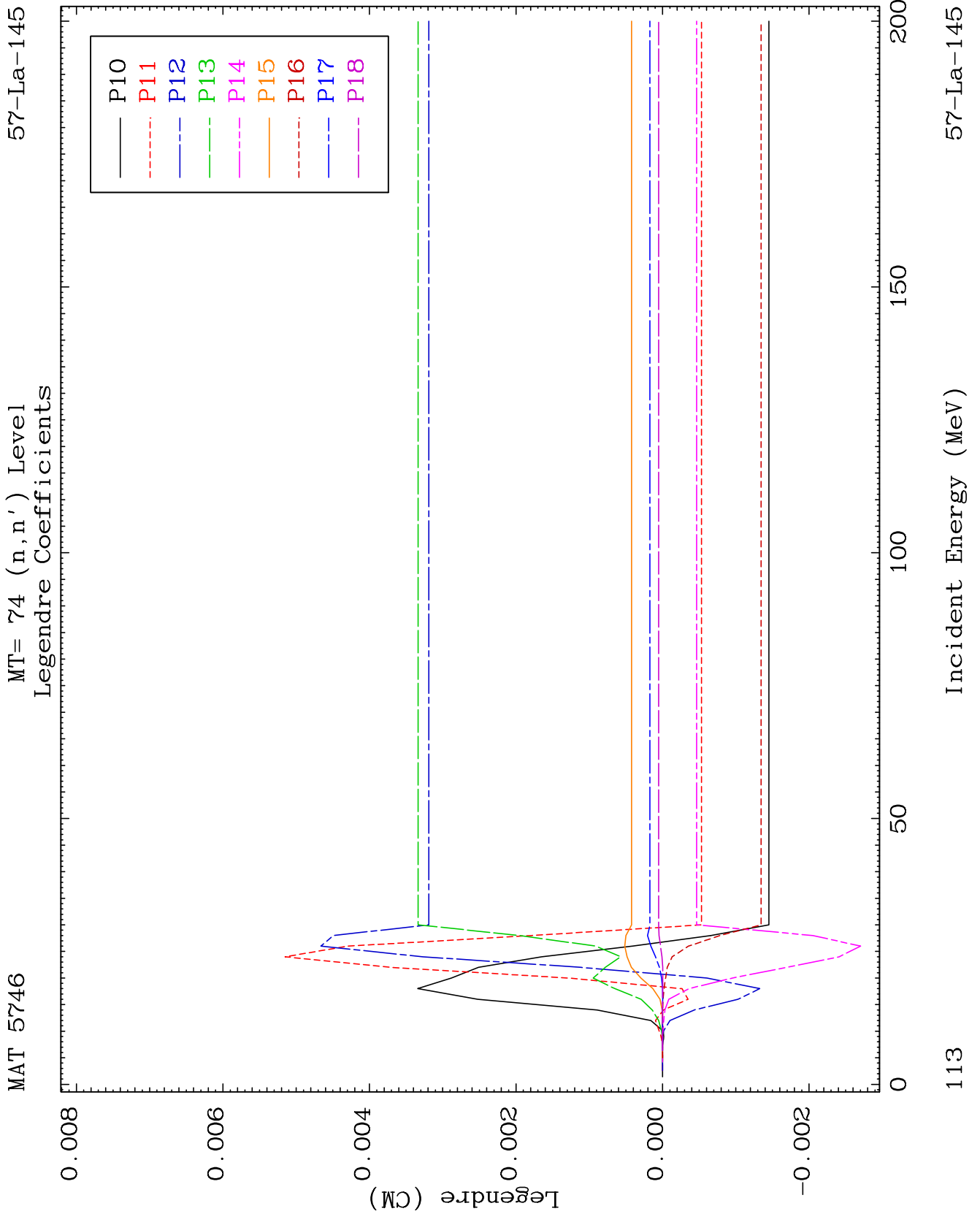
57-La-145



112

Incident Energy (MeV)

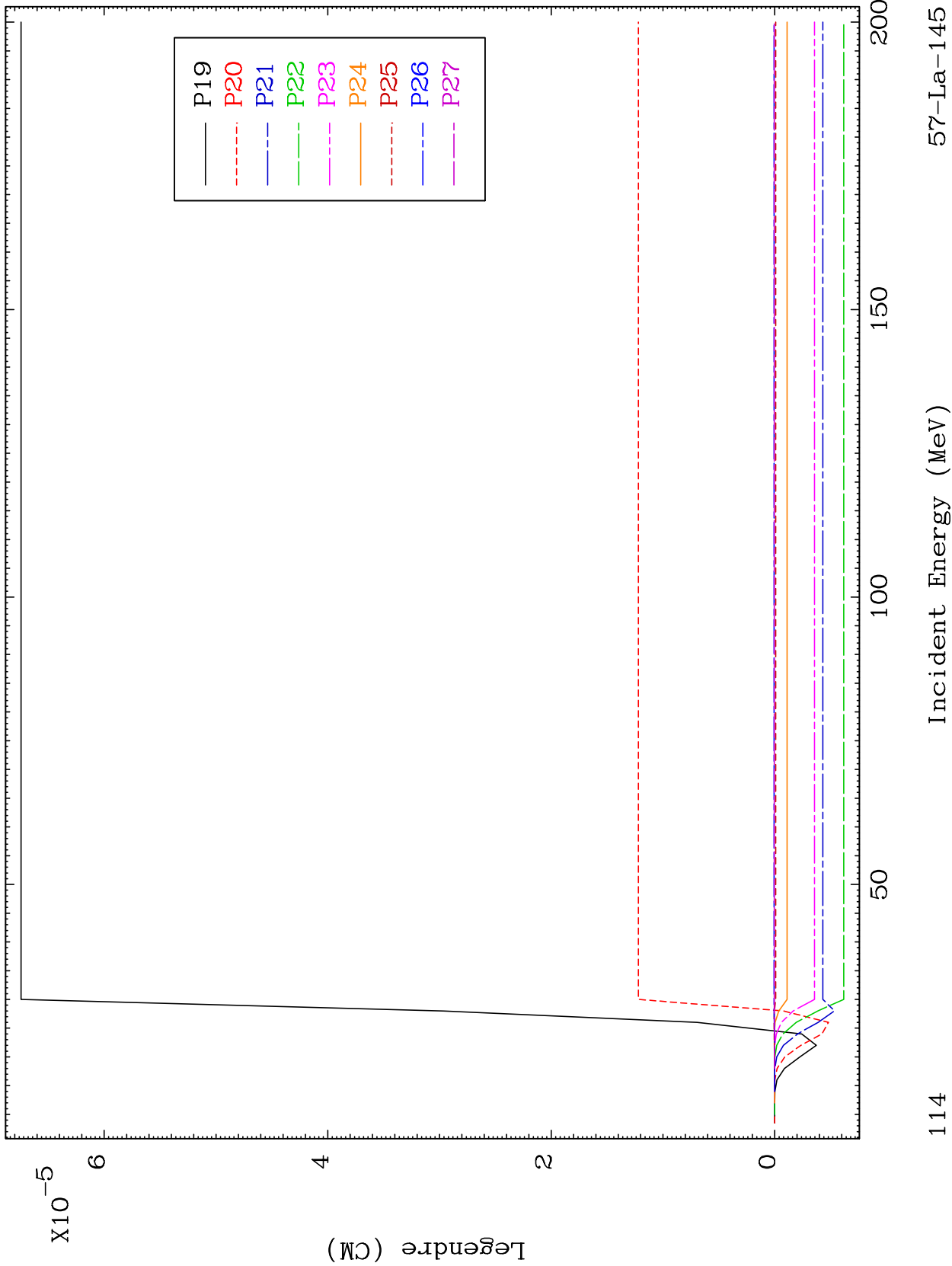
57-La-145



MAT 5746

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

57-La-145



114

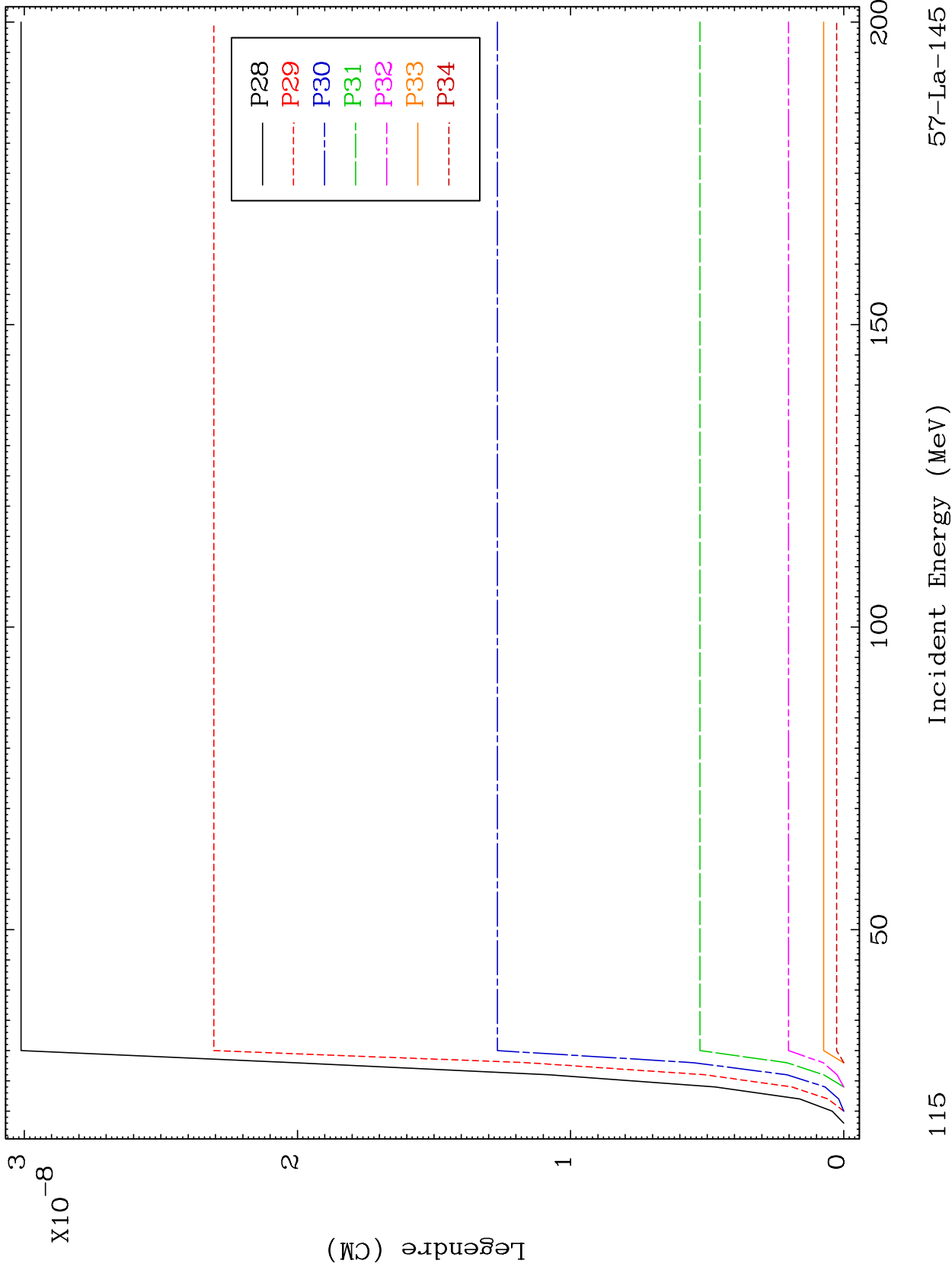
Incident Energy (MeV)

57-La-145

MAT 5746

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

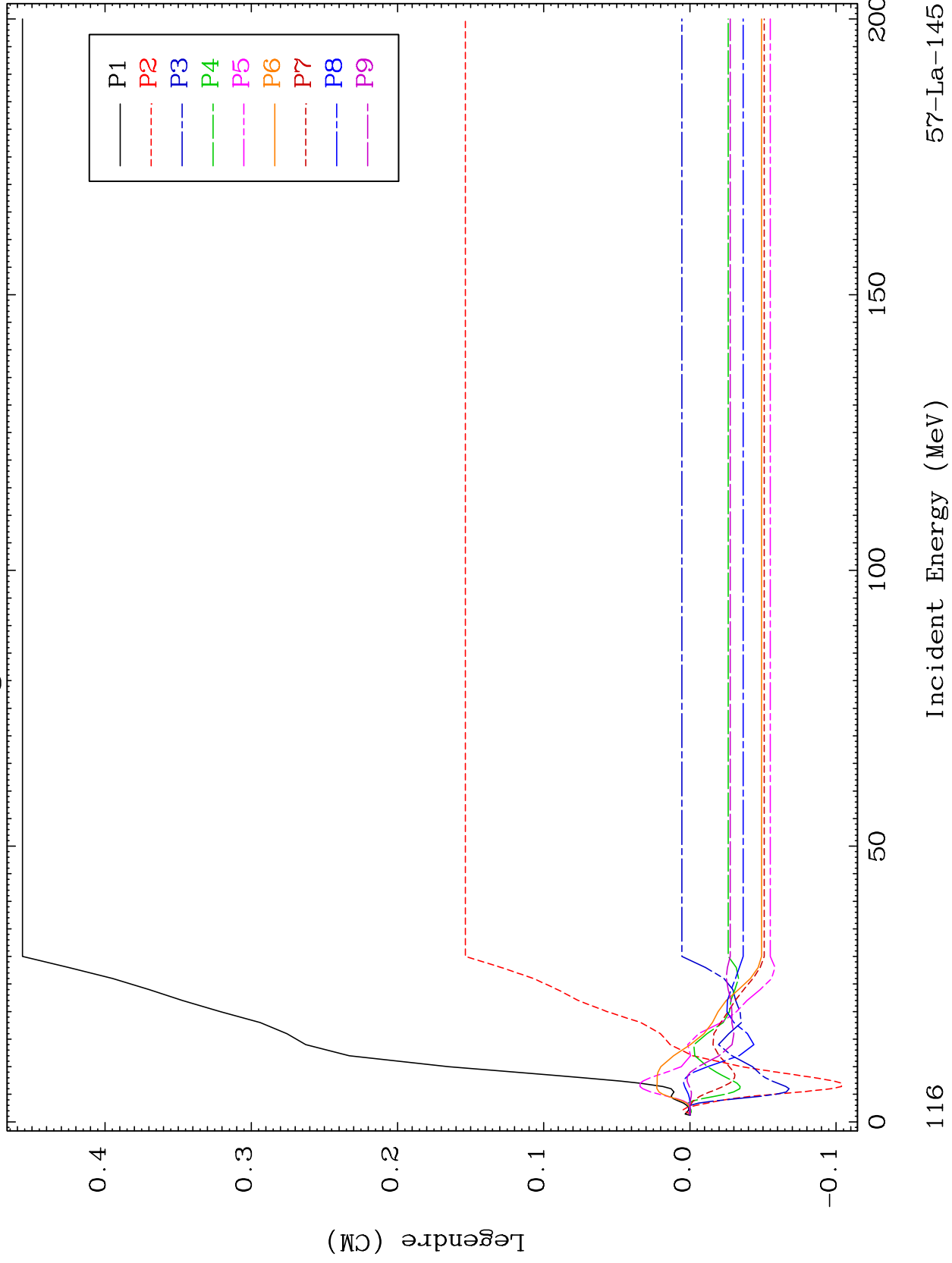
57-La-145



MAT 5746

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

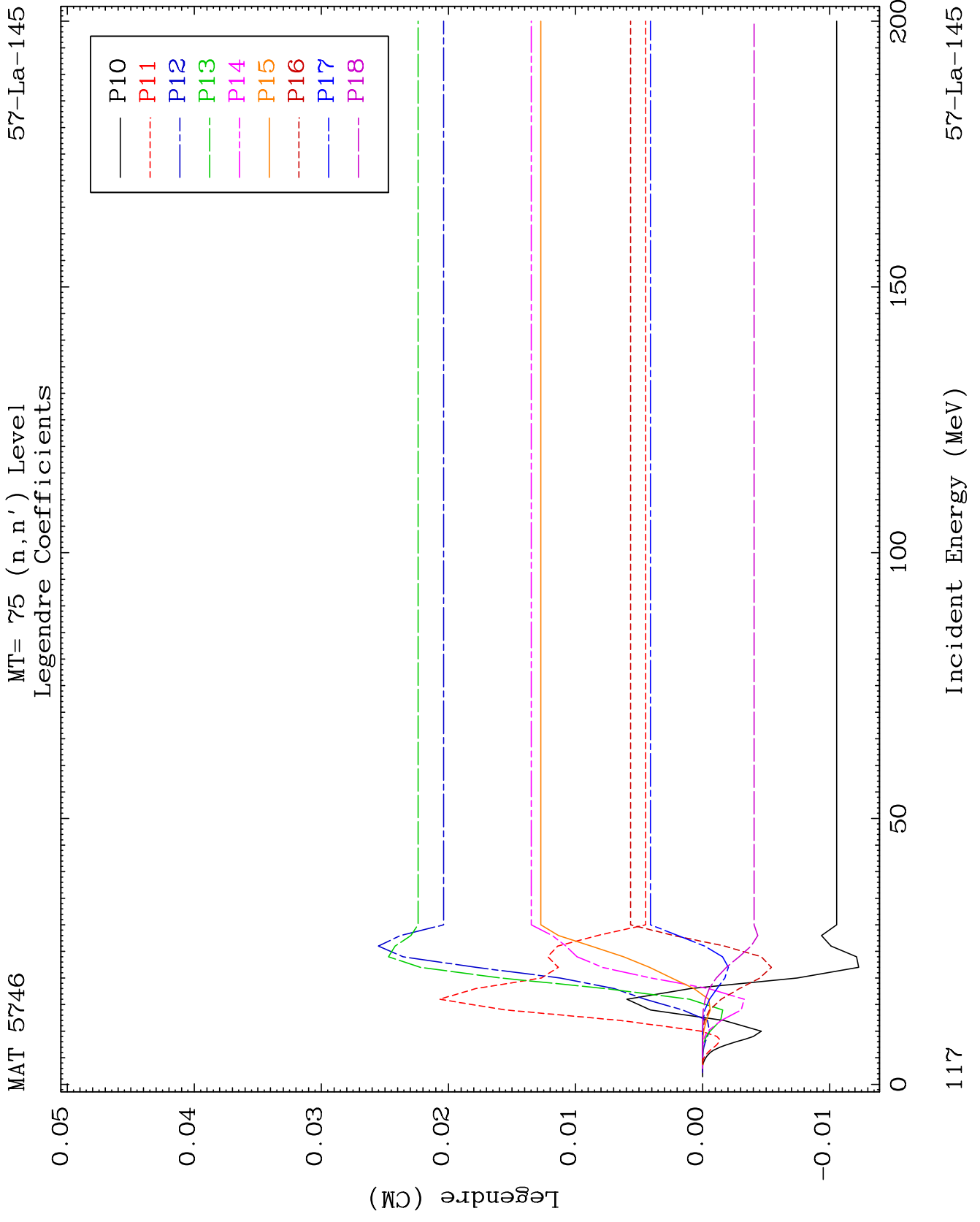
57-La-145



57-La-145

Incident Energy (MeV)

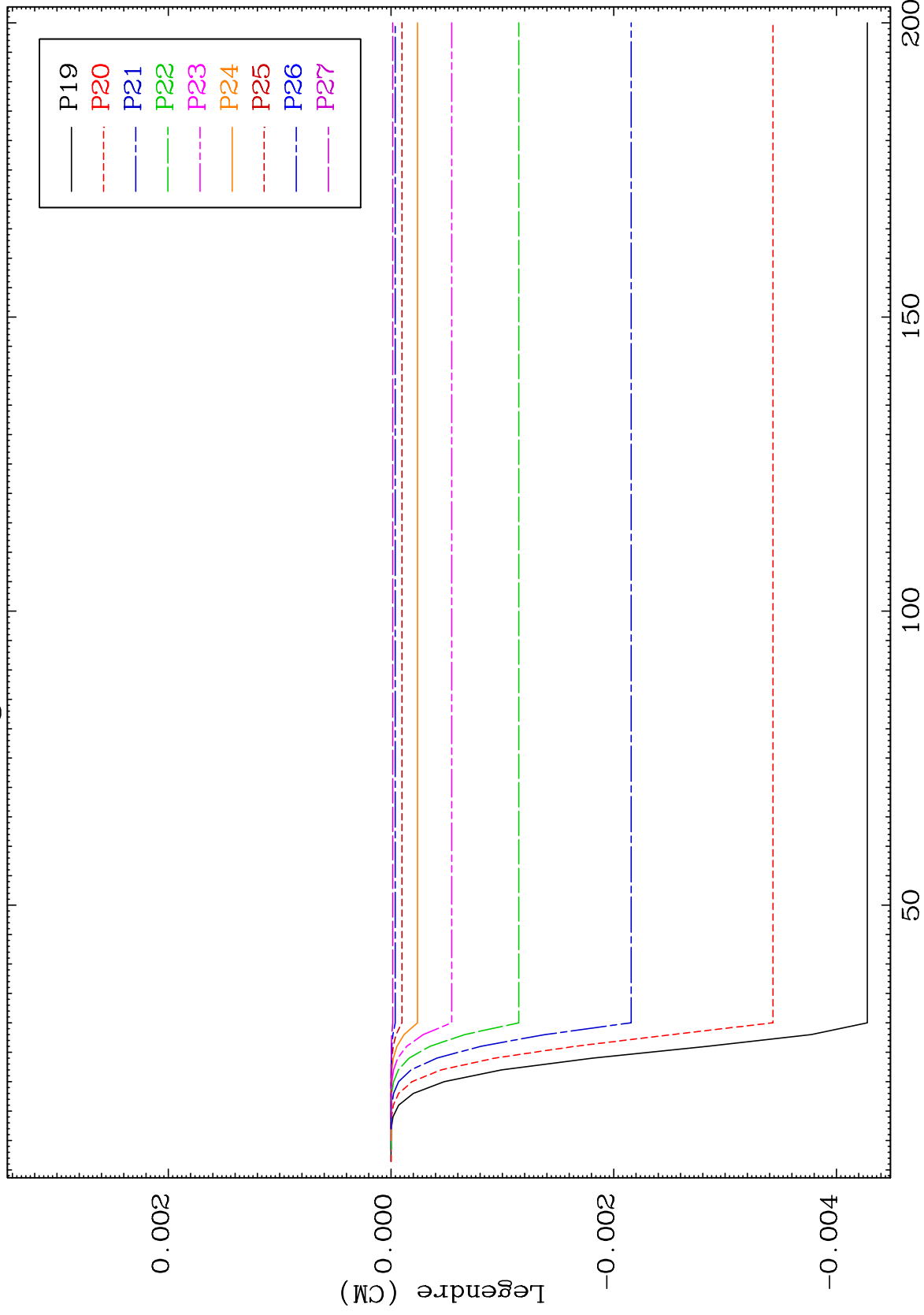
116



MAT 5746

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

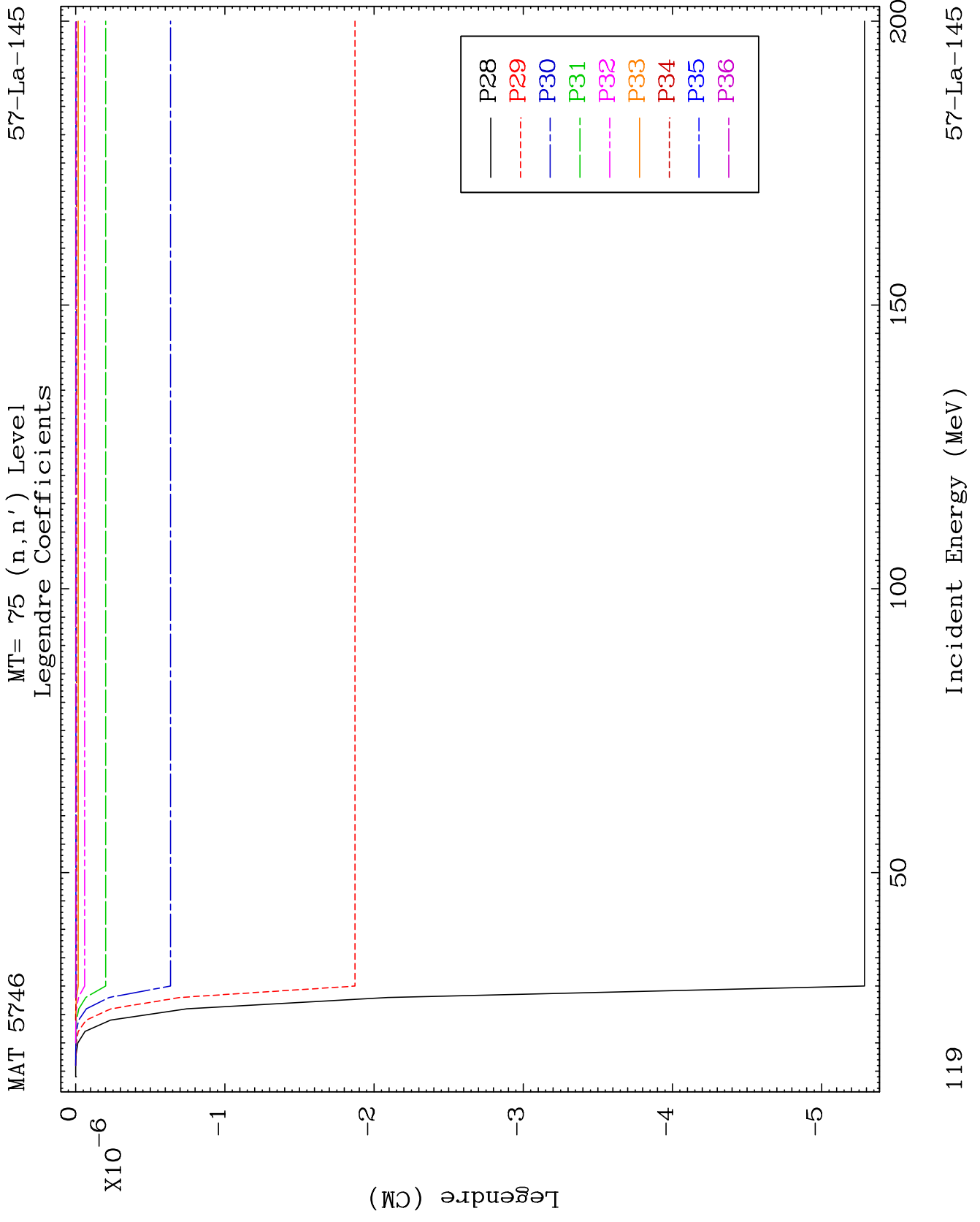
57-La-145



118

Incident Energy (MeV)

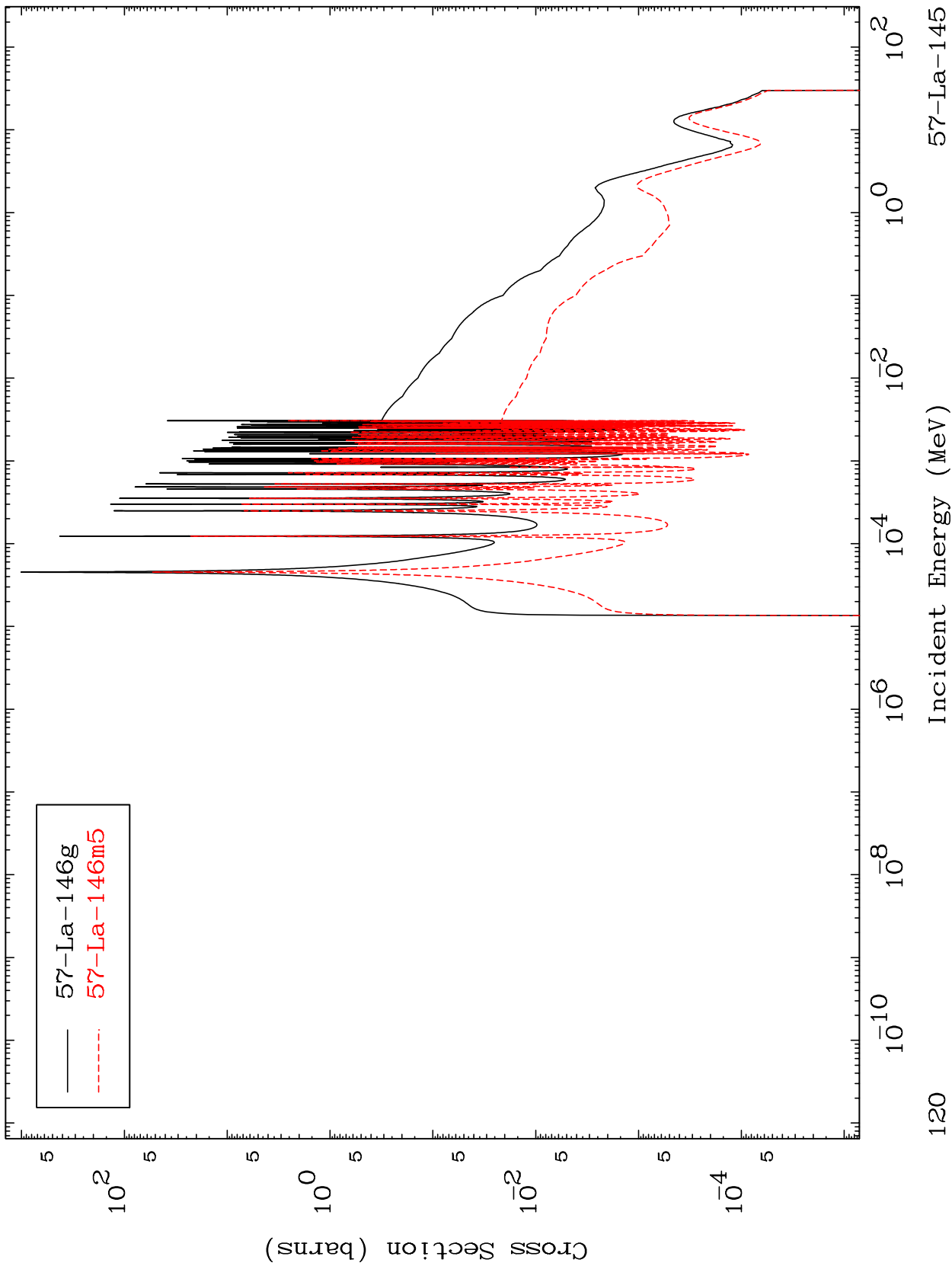
57-La-145



MAT 5746

57-La-145

(n,γ)
Radionuclide Production Cross Section



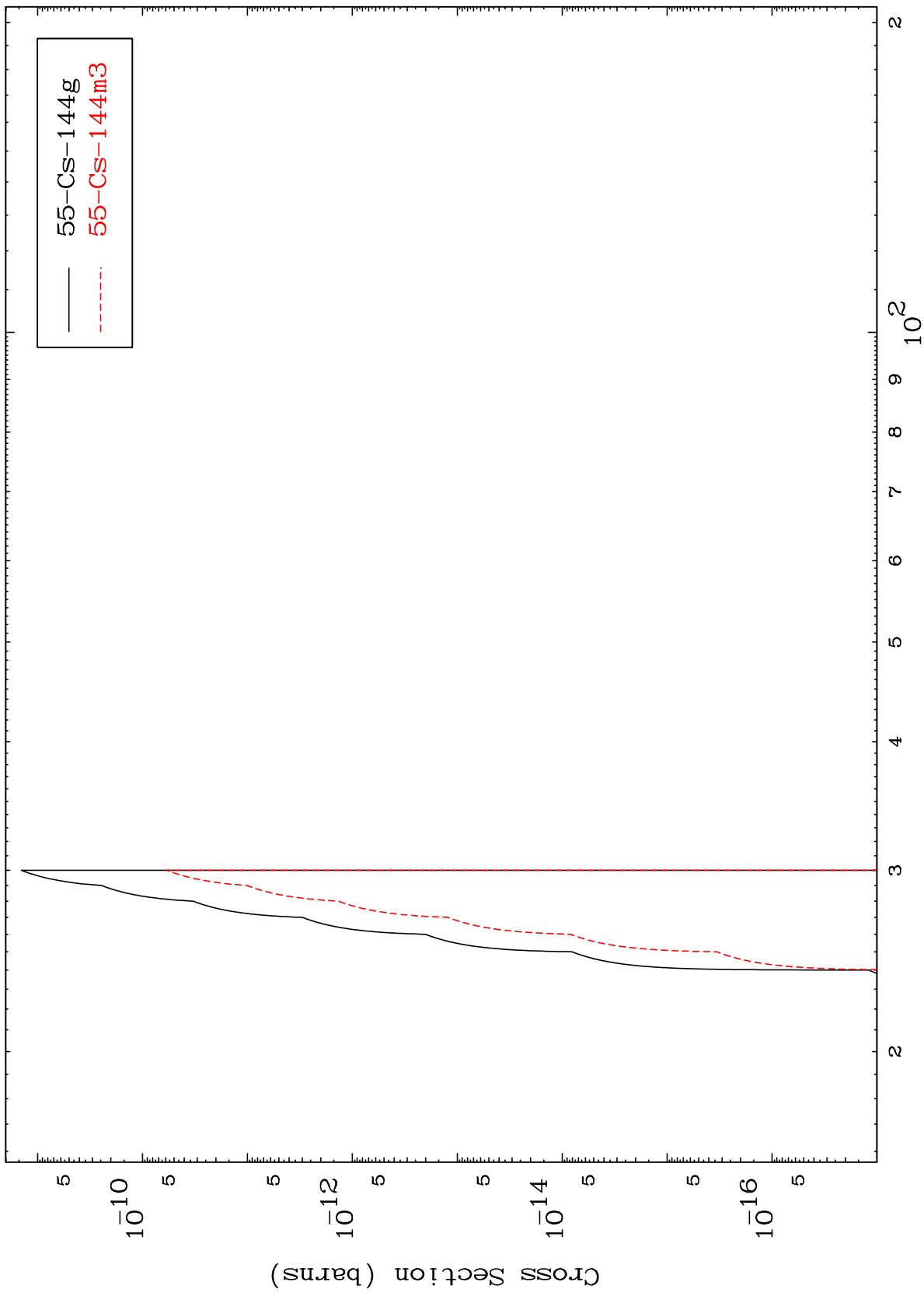
120

57-La-145

MAT 5746

57-La-145

(n,2p)
Radionuclide Production Cross Section



121

57-La-145

Incident Energy (MeV)