

Program EVALPLOT
(Version 2017-1)

by

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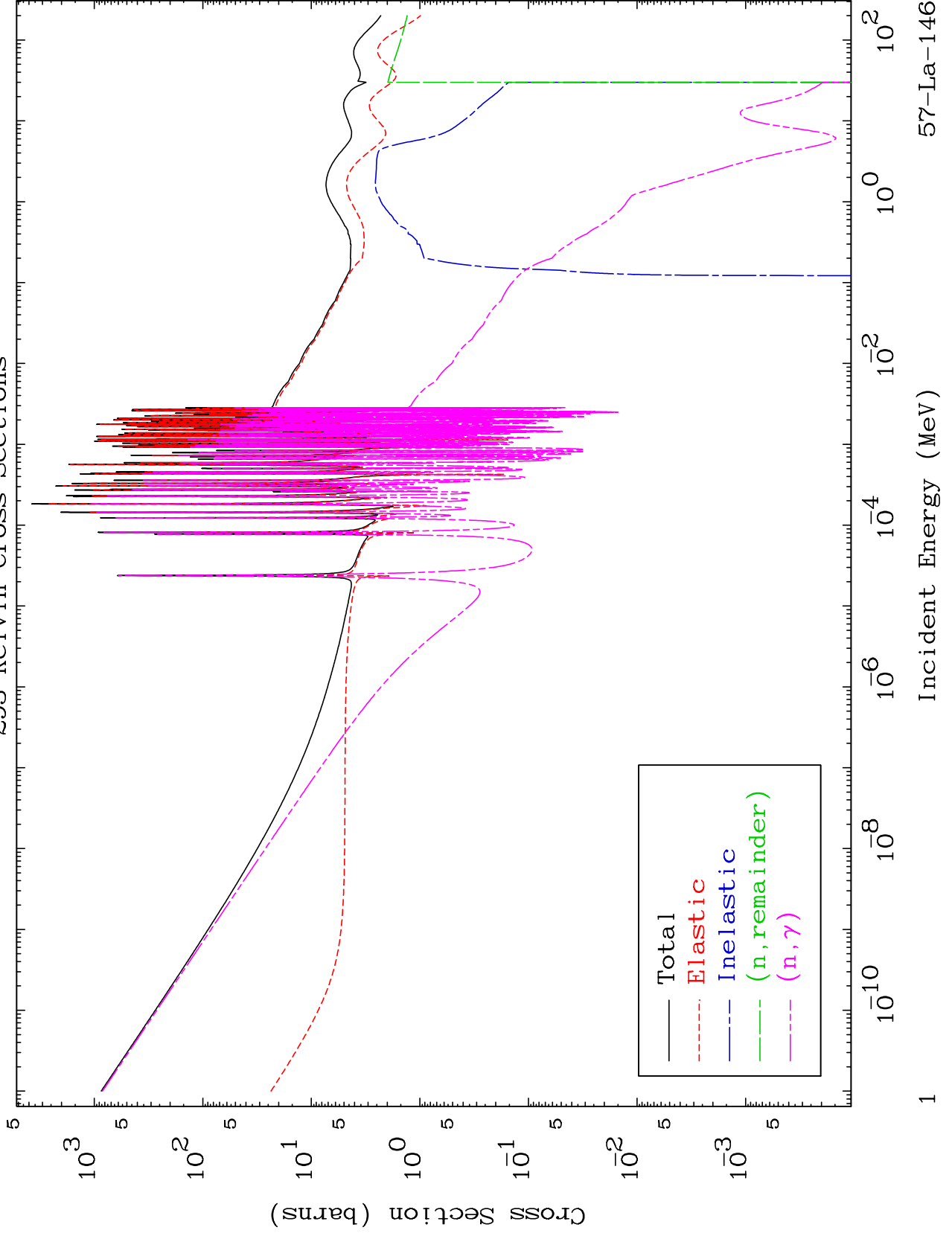
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5749

Major
293 Kelvin Cross Sections

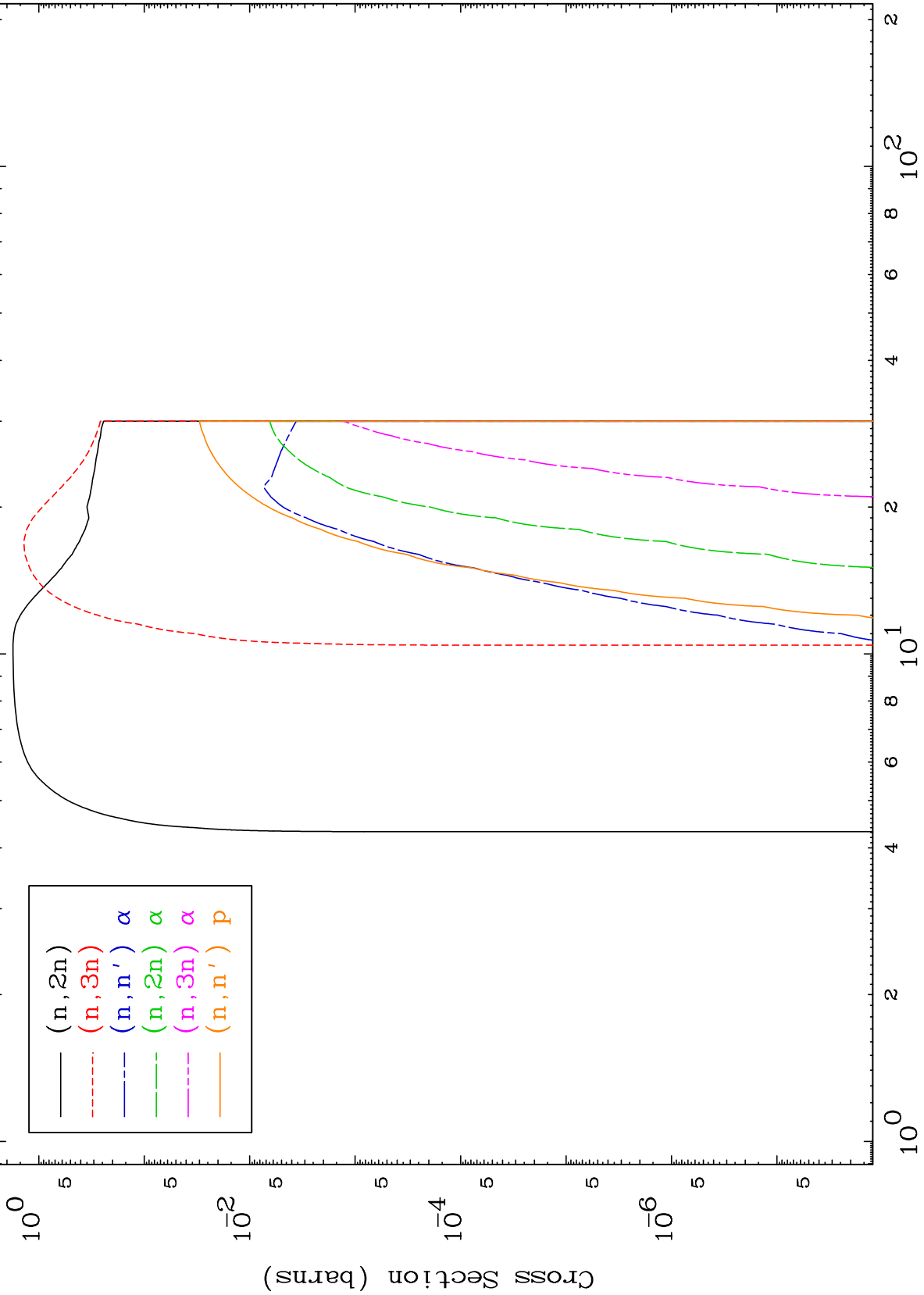
57-La-146



MAT 5749

Neutron Production
293 Kelvin Cross Sections

57-La-146



- (n, 2n)
- (n, 3n)
- (n, n')
- (n, 2n)
- (n, 3n)
- (n, n')

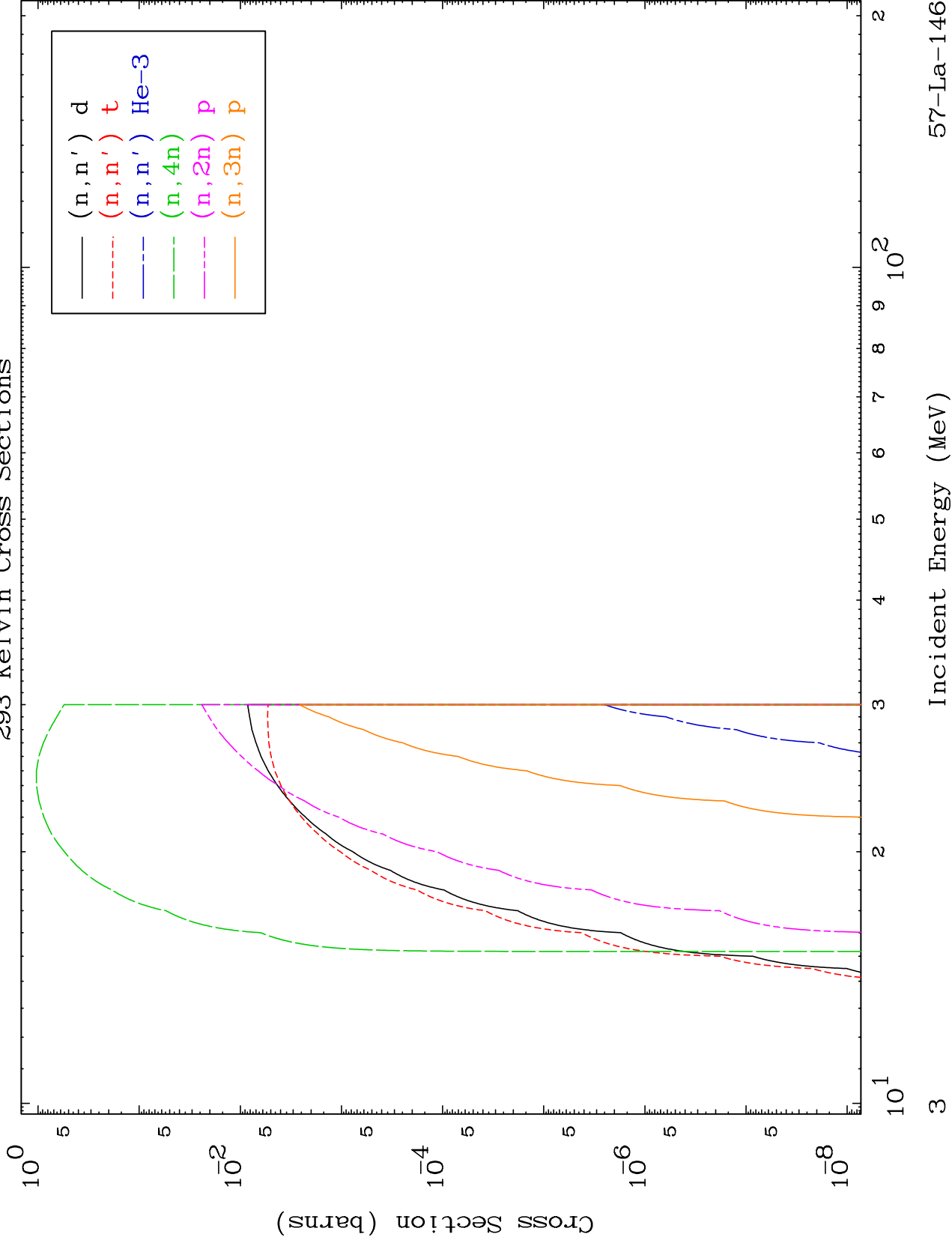
Incident Energy (MeV)

57-La-146

MAT 5749

Neutron Production
293 Kelvin Cross Sections

57-La-146

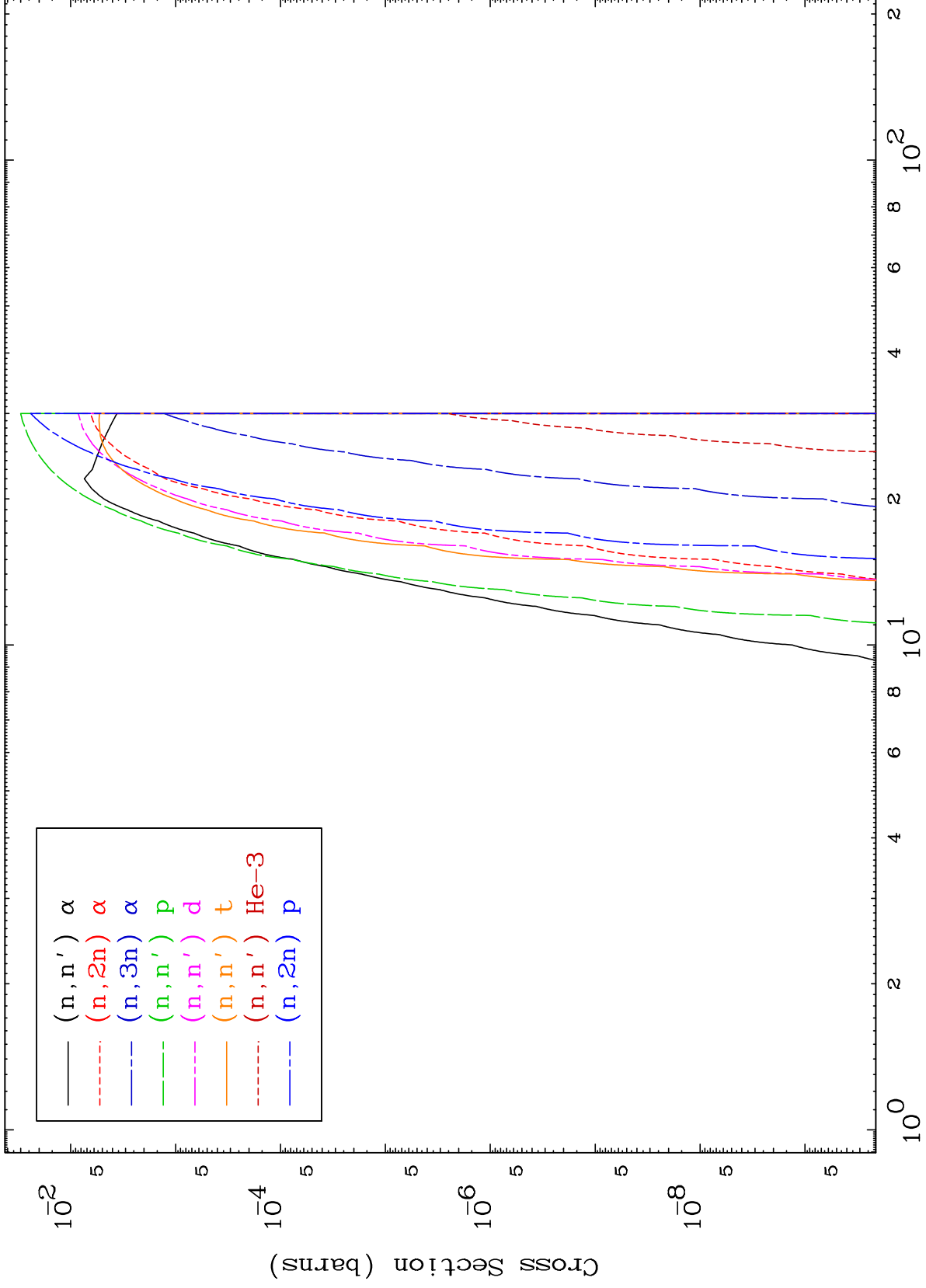


57-La-146

MAT 5749

Charged Particle
293 Kelvin Cross Sections

57-La-146



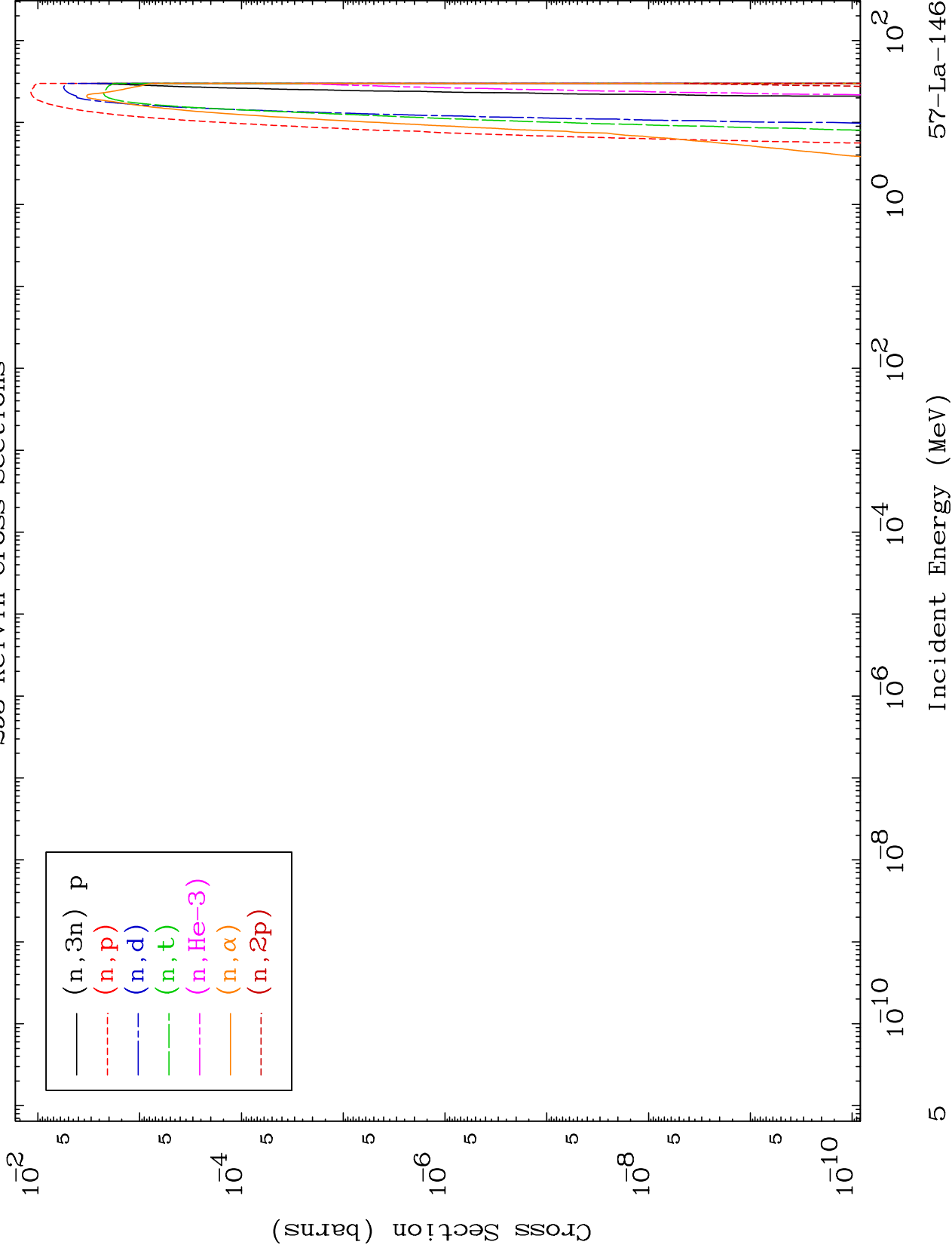
Incident Energy (MeV)

57-La-146

MAT 5749

Charged Particle
293 Kelvin Cross Sections

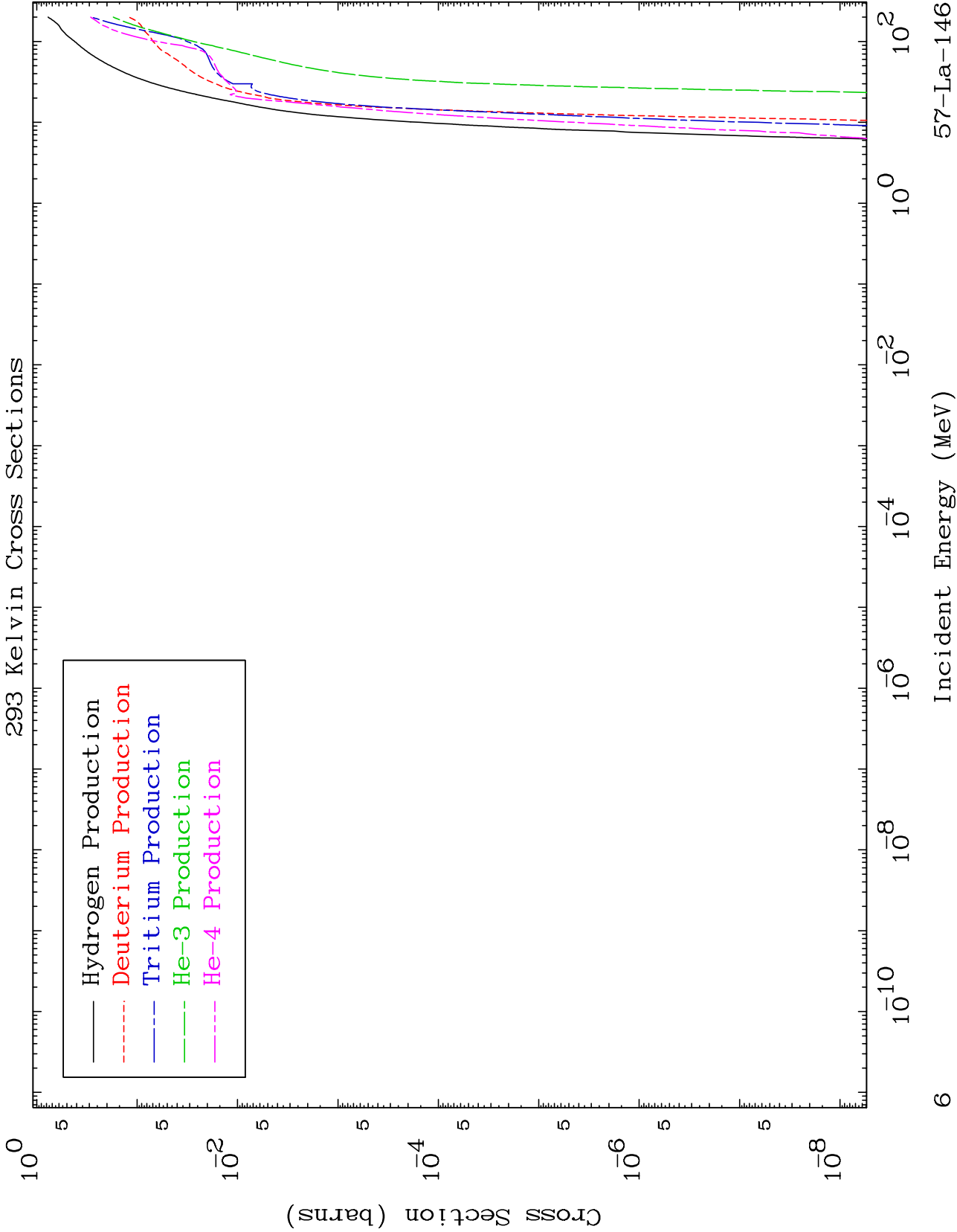
57-La-146



MAT 5749

Particle Production
293 Kelvin Cross Sections

57-La-146

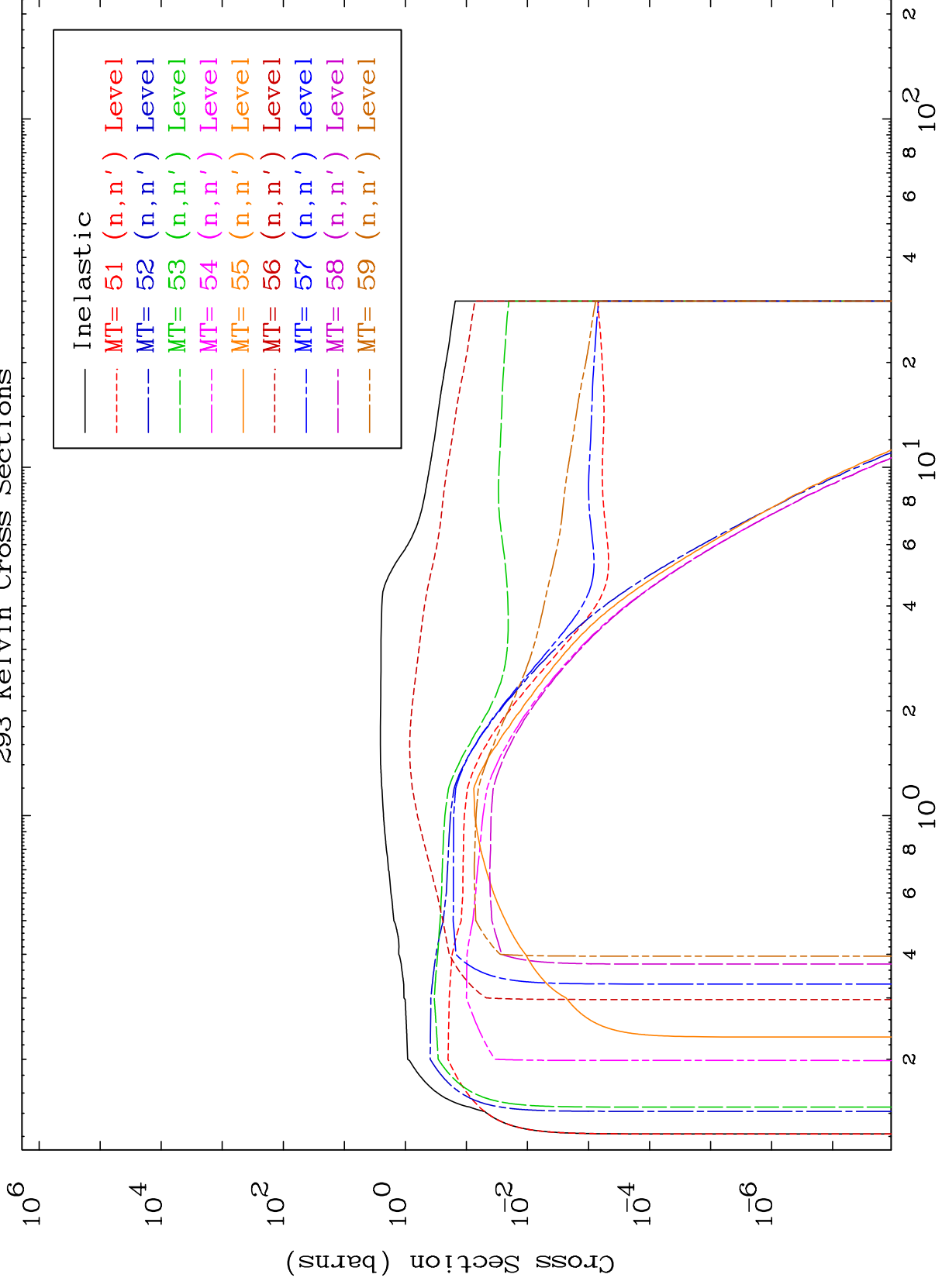


MAT 5749

(n,n') Level

57-La-146

293 Kelvin Cross Sections

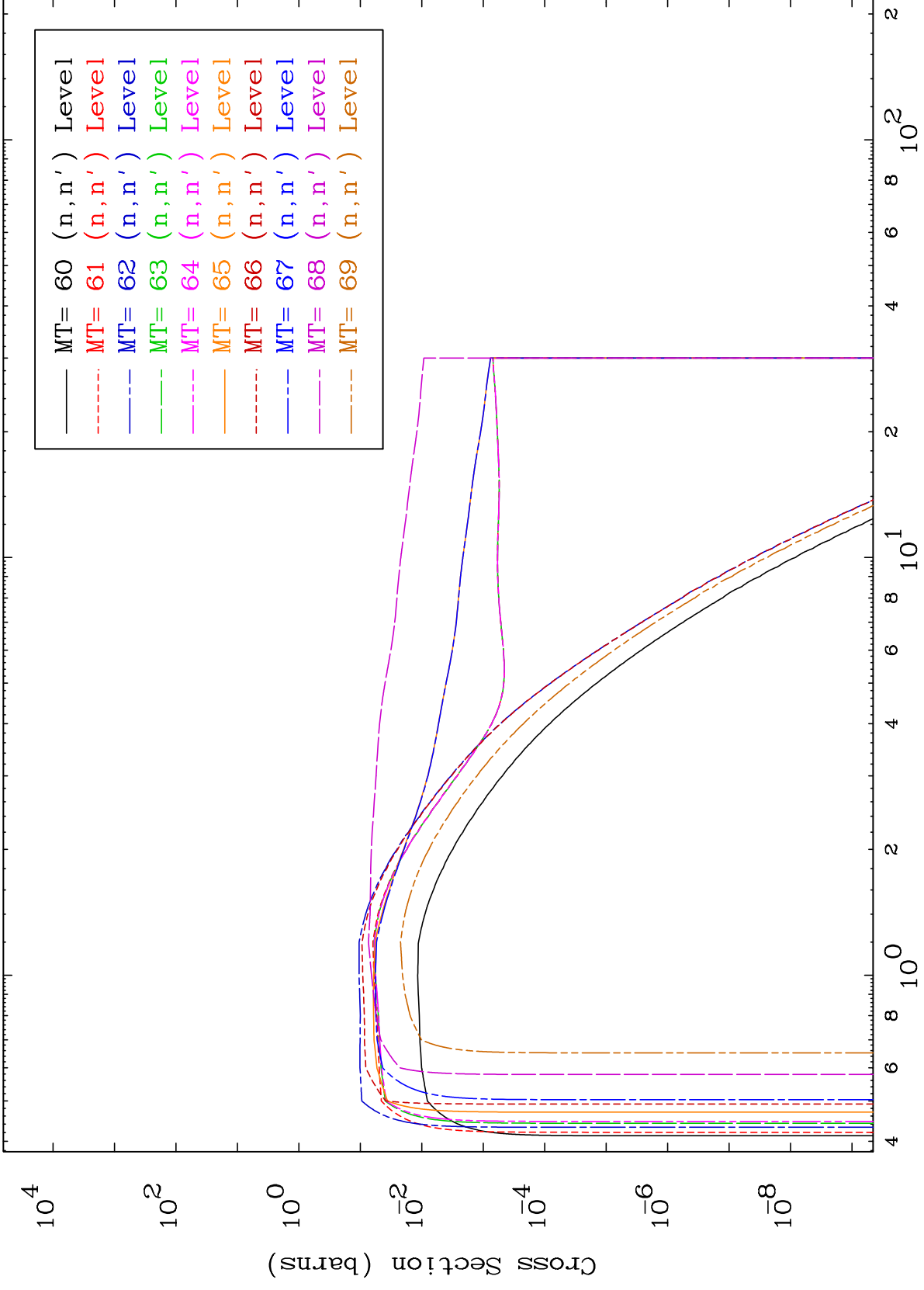


MAT 5749

(n,n') Level

293 Kelvin Cross Sections

57-La-146



8

Incident Energy (MeV)

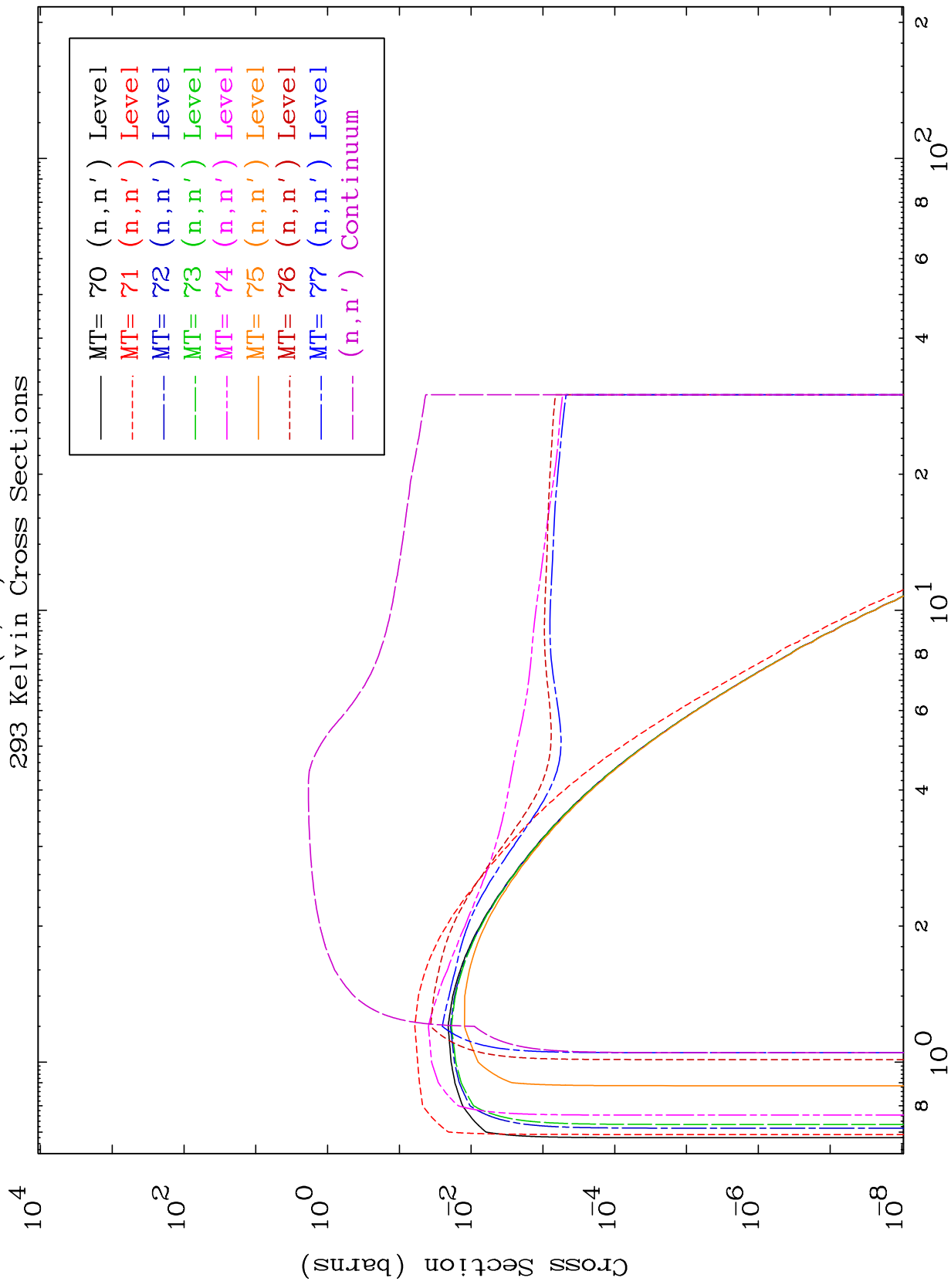
57-La-146

MAT 5749

(n,n') Level

293 Kelvin Cross Sections

57-La-146



9

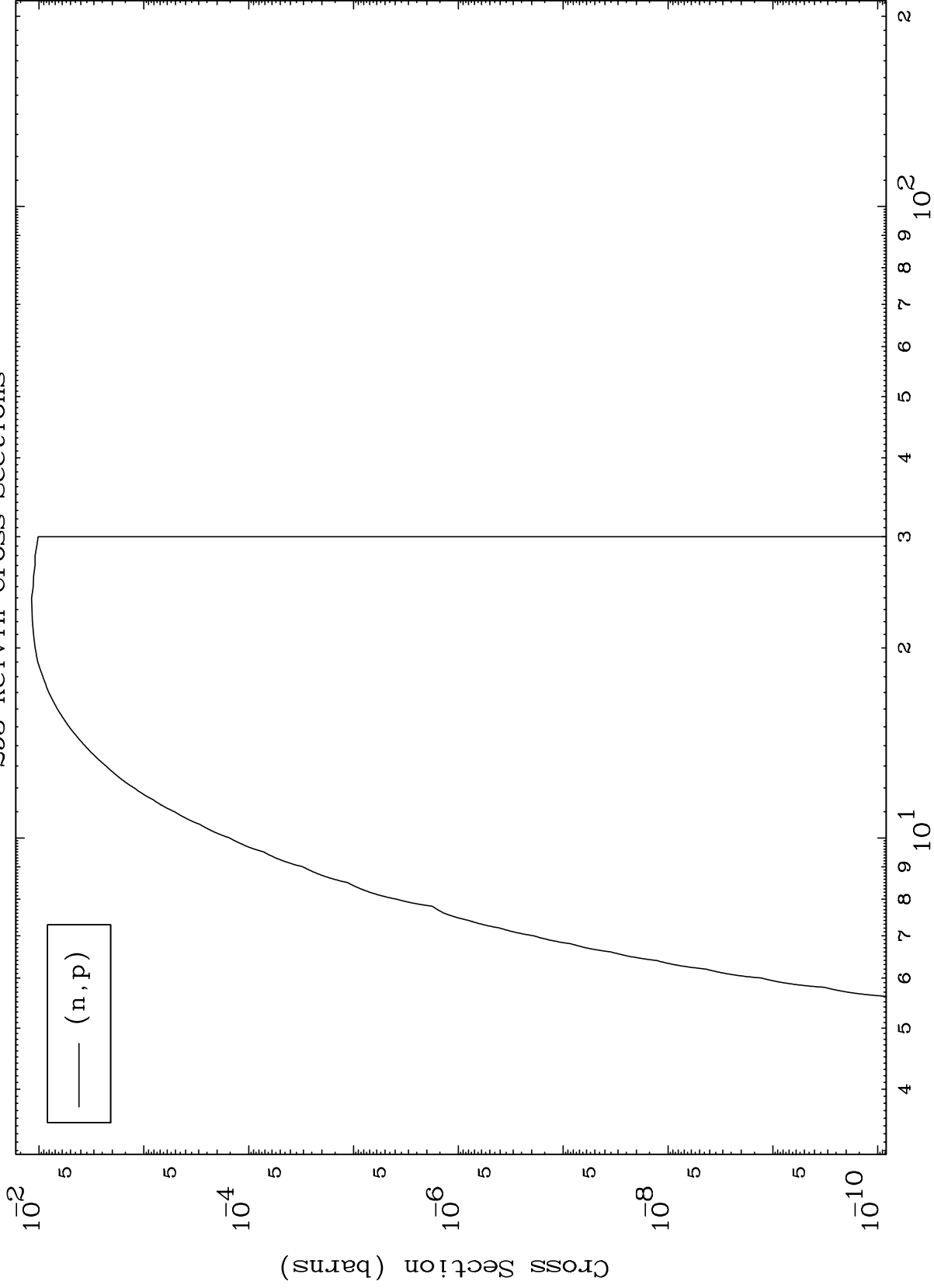
Incident Energy (MeV)

57-La-146

MAT 5749

(n,p) Levels
293 Kelvin Cross Sections

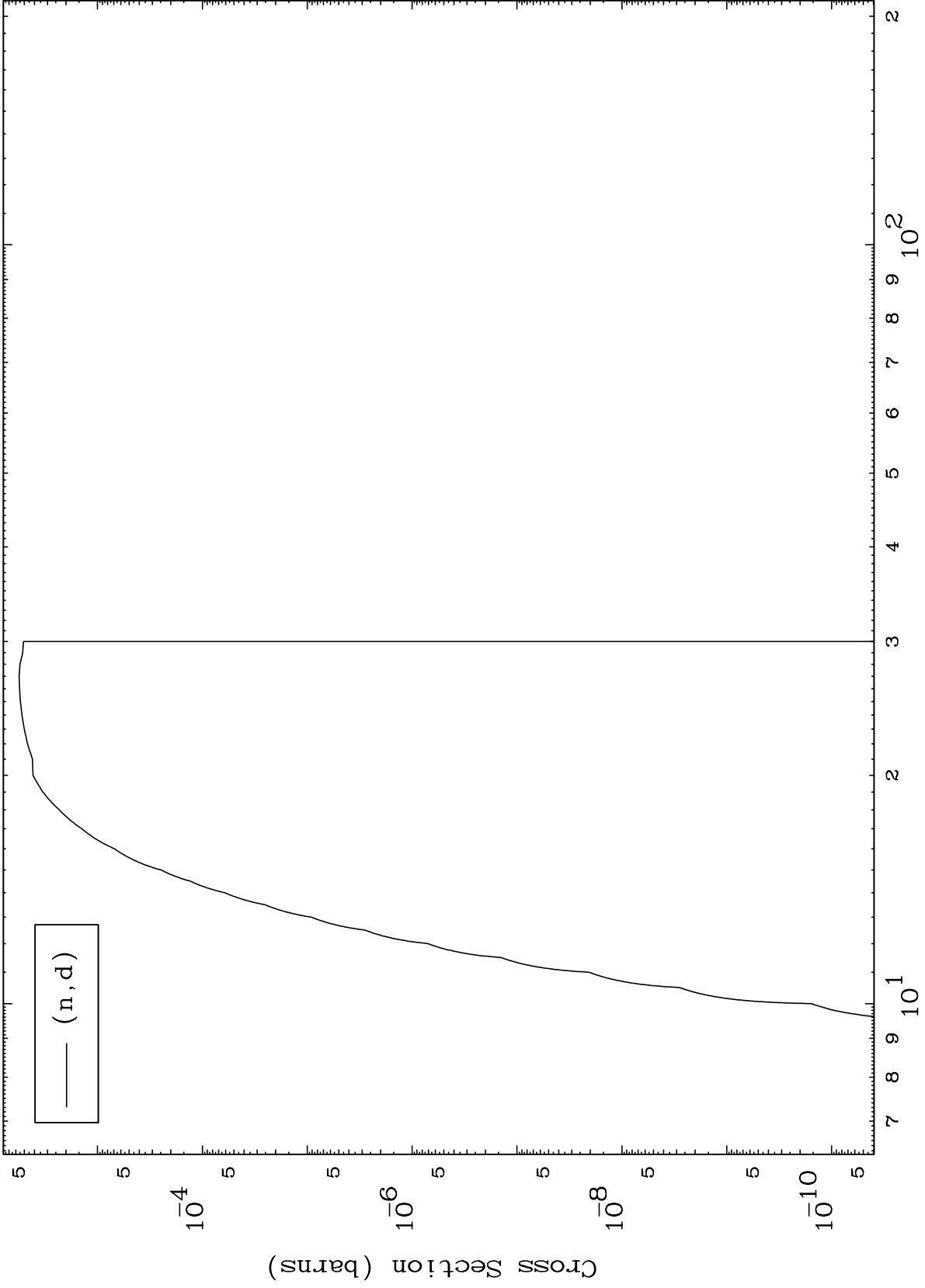
57-La-146



10

Incident Energy (MeV)

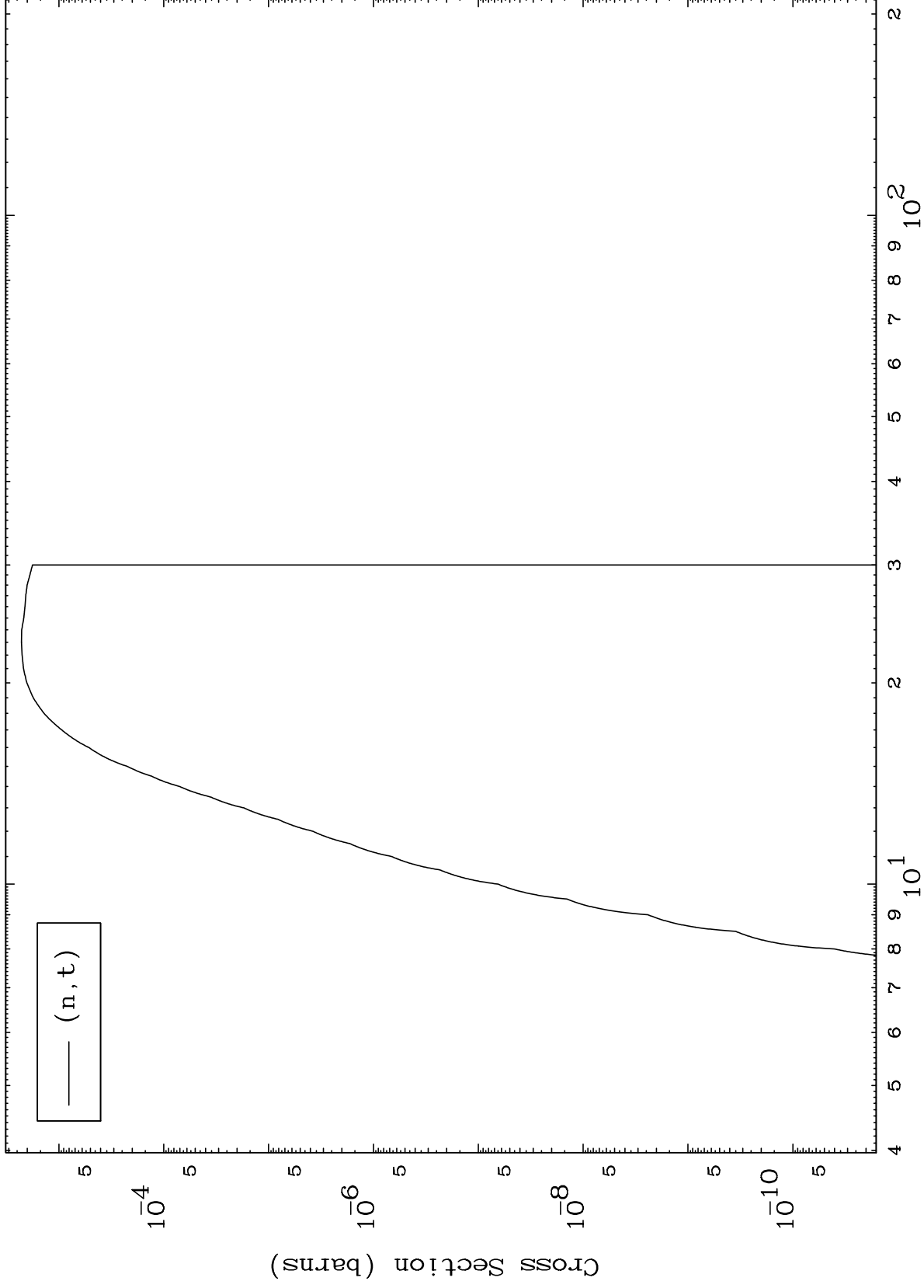
57-La-146



MAT 5749

(n,t) Levels
293 Kelvin Cross Sections

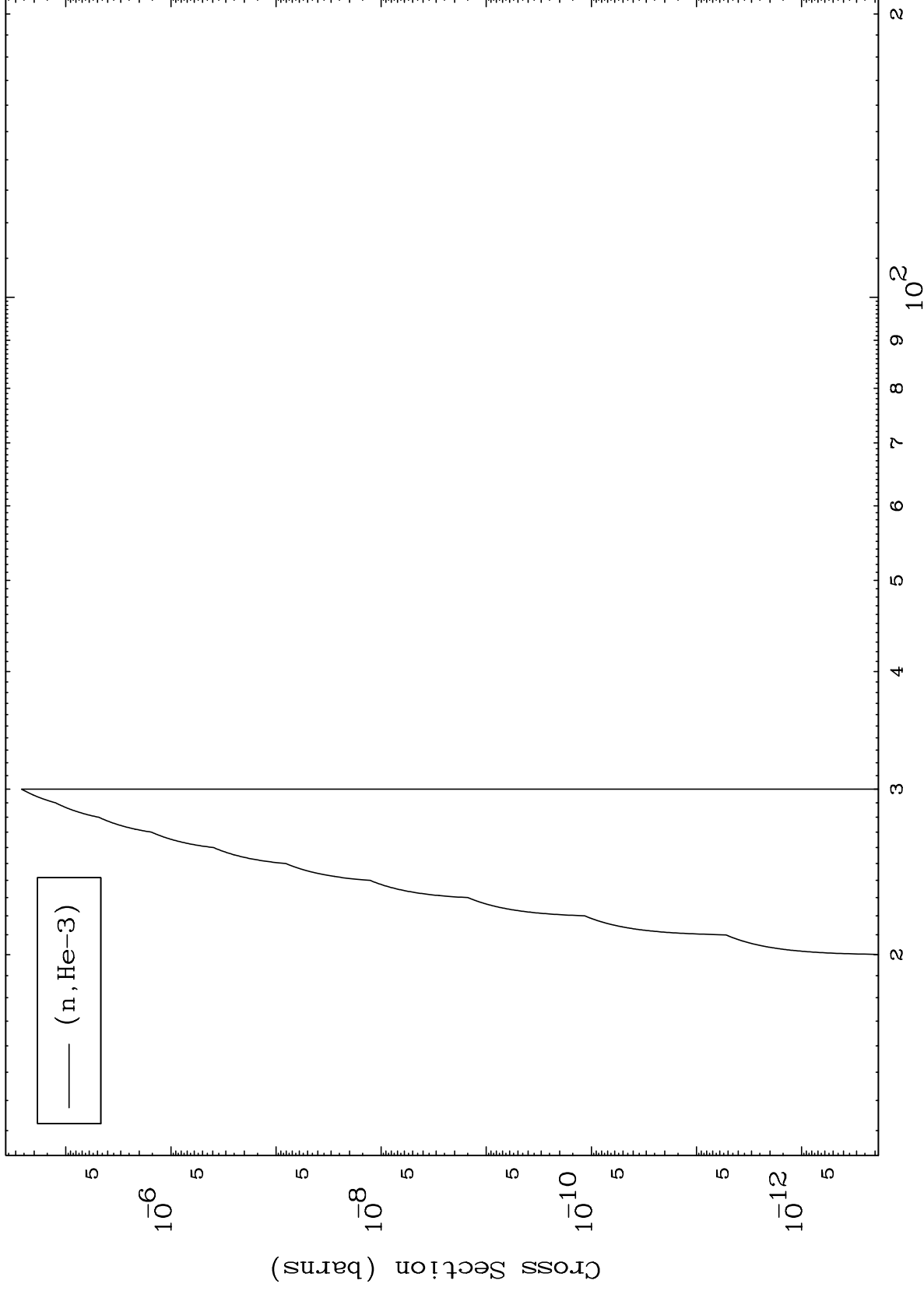
57-La-146



12

Incident Energy (MeV)

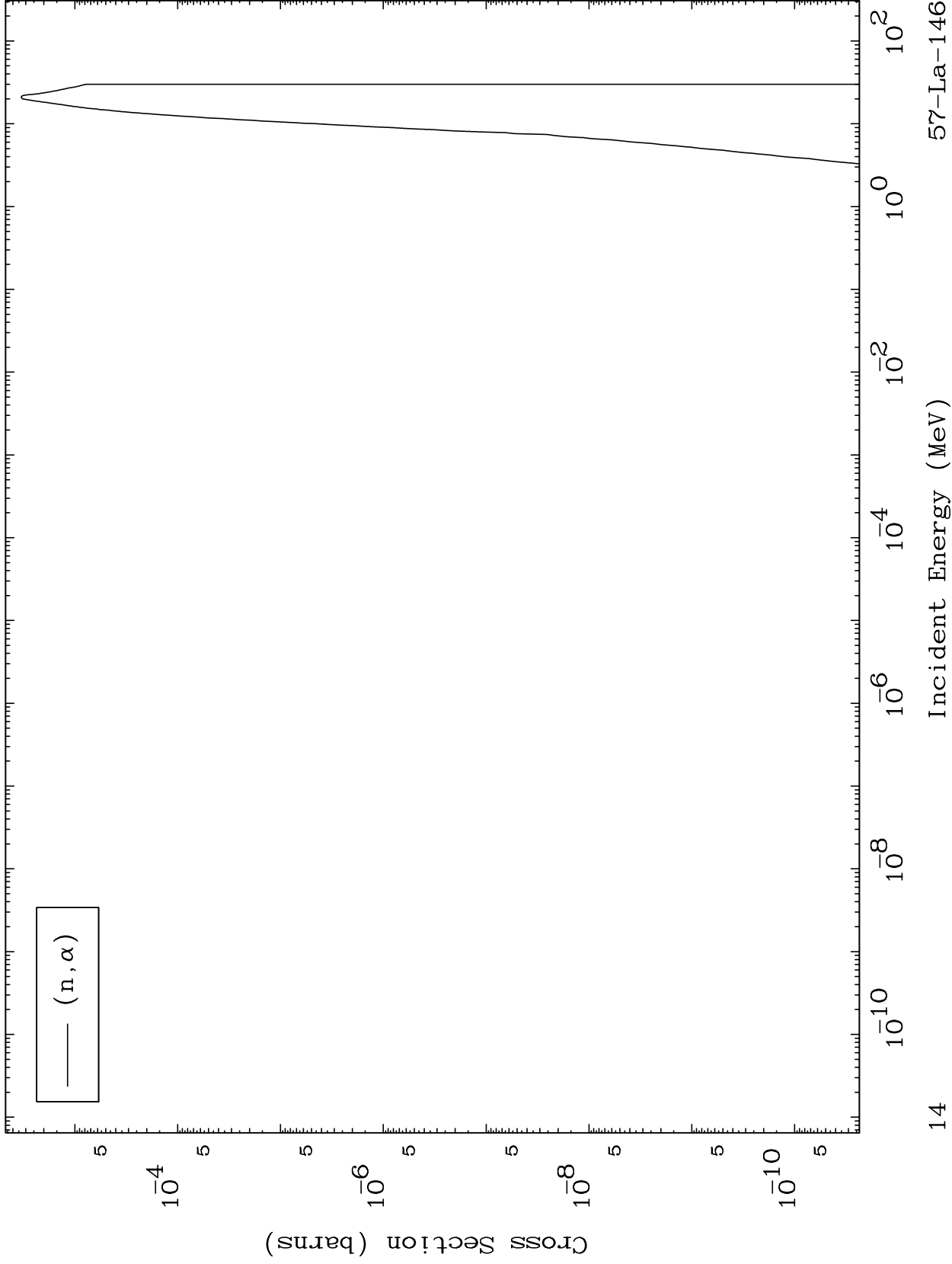
57-La-146

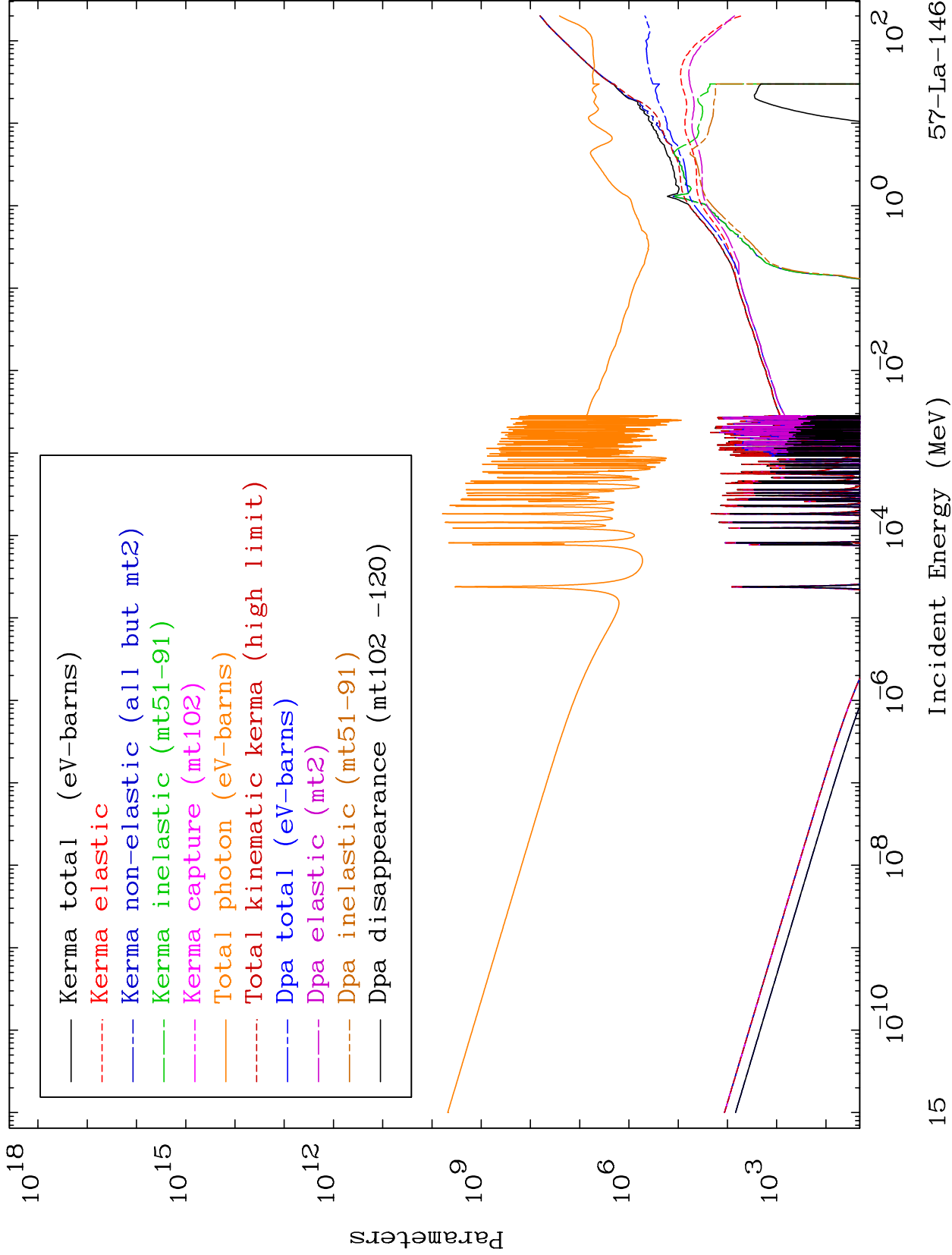


MAT 5749

(n, α) Levels
293 Kelvin Cross Sections

57-La-146

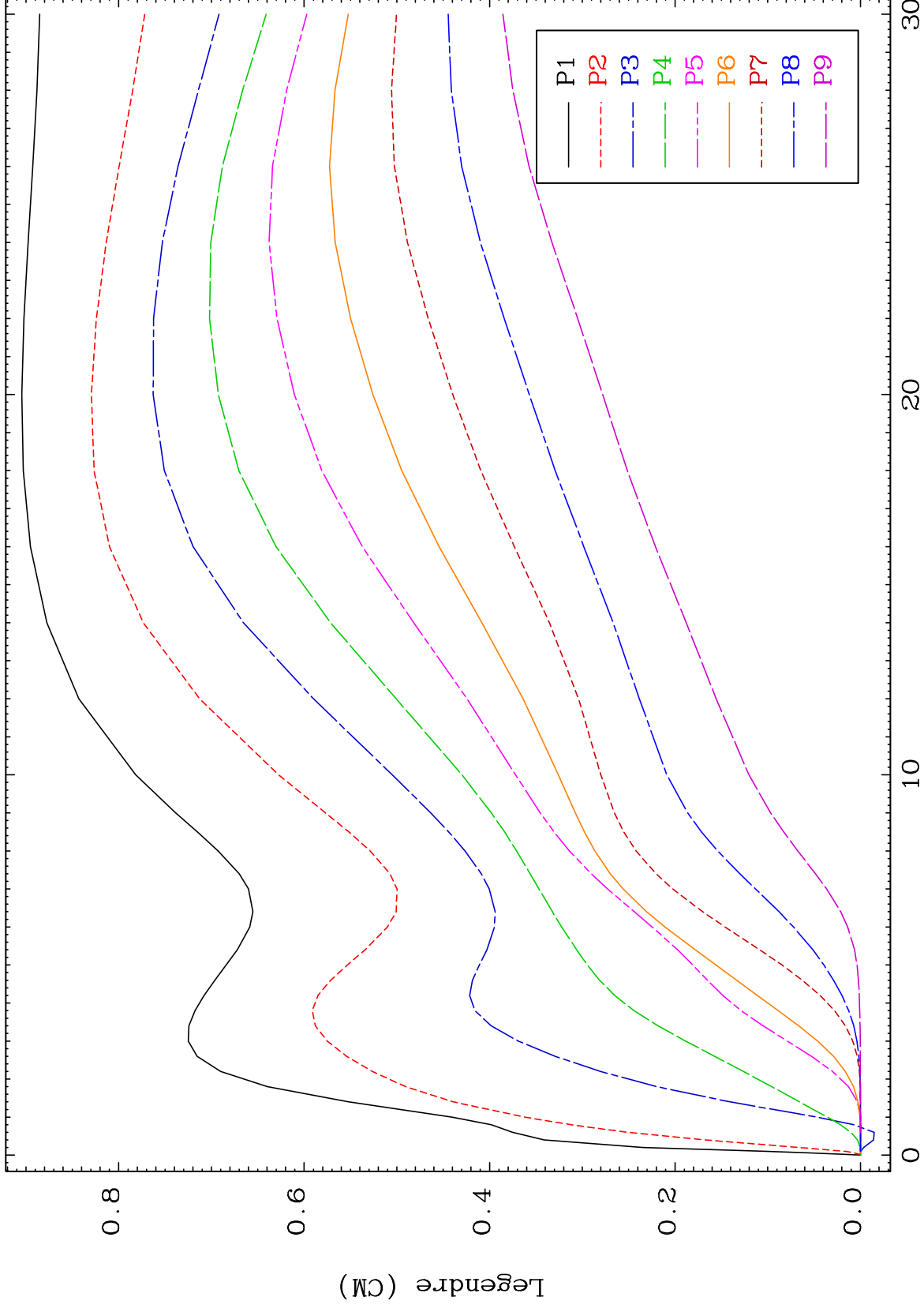




MAT 5749

57-La-146

Elastic Legendre Coefficients



57-La-146

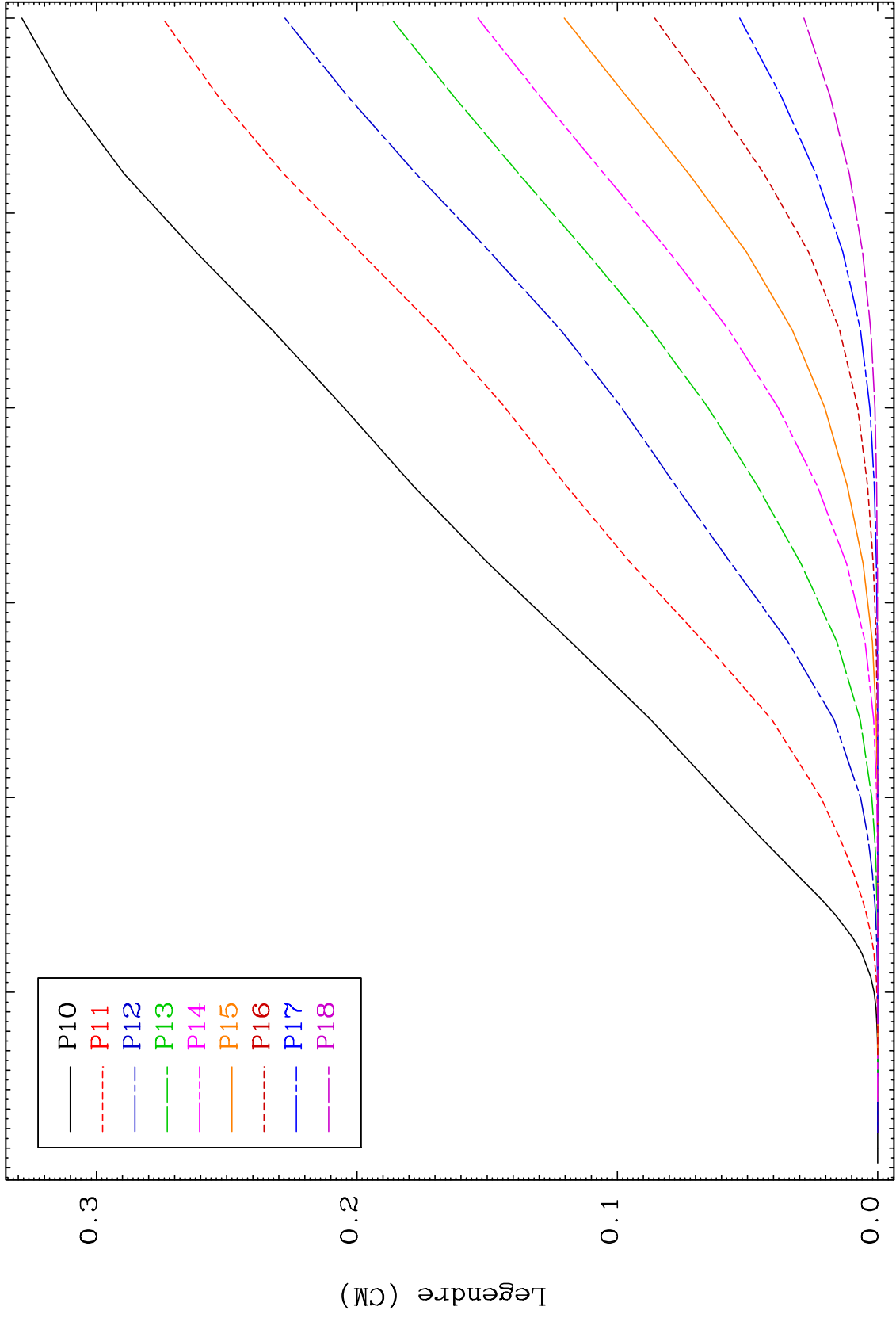
Incident Energy (MeV)

16

MAT 5749

Elastic Legendre Coefficients

⁵⁷La-146



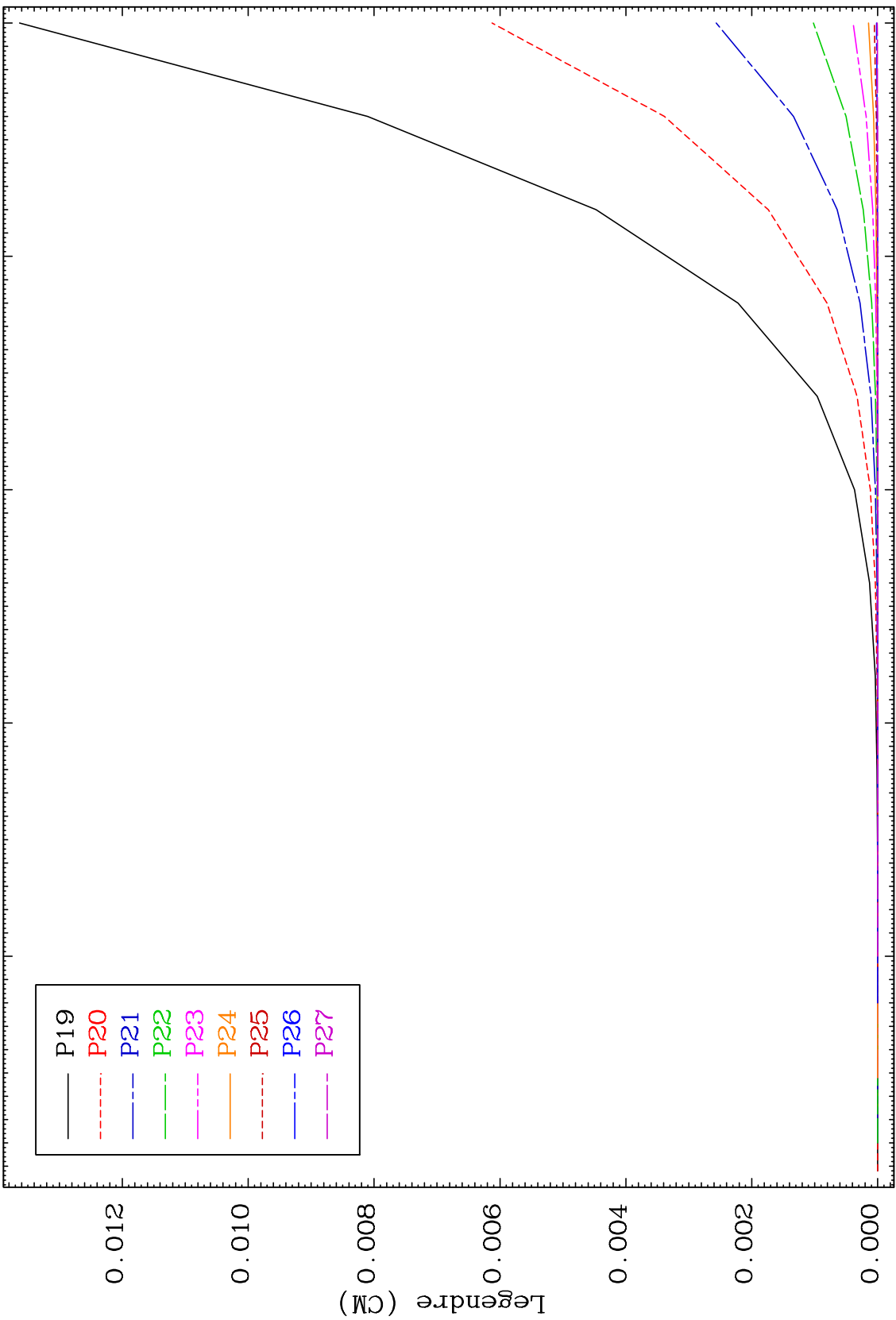
17

⁵⁷La-146

MAT 5749

Elastic Legendre Coefficients

57-La-146



18

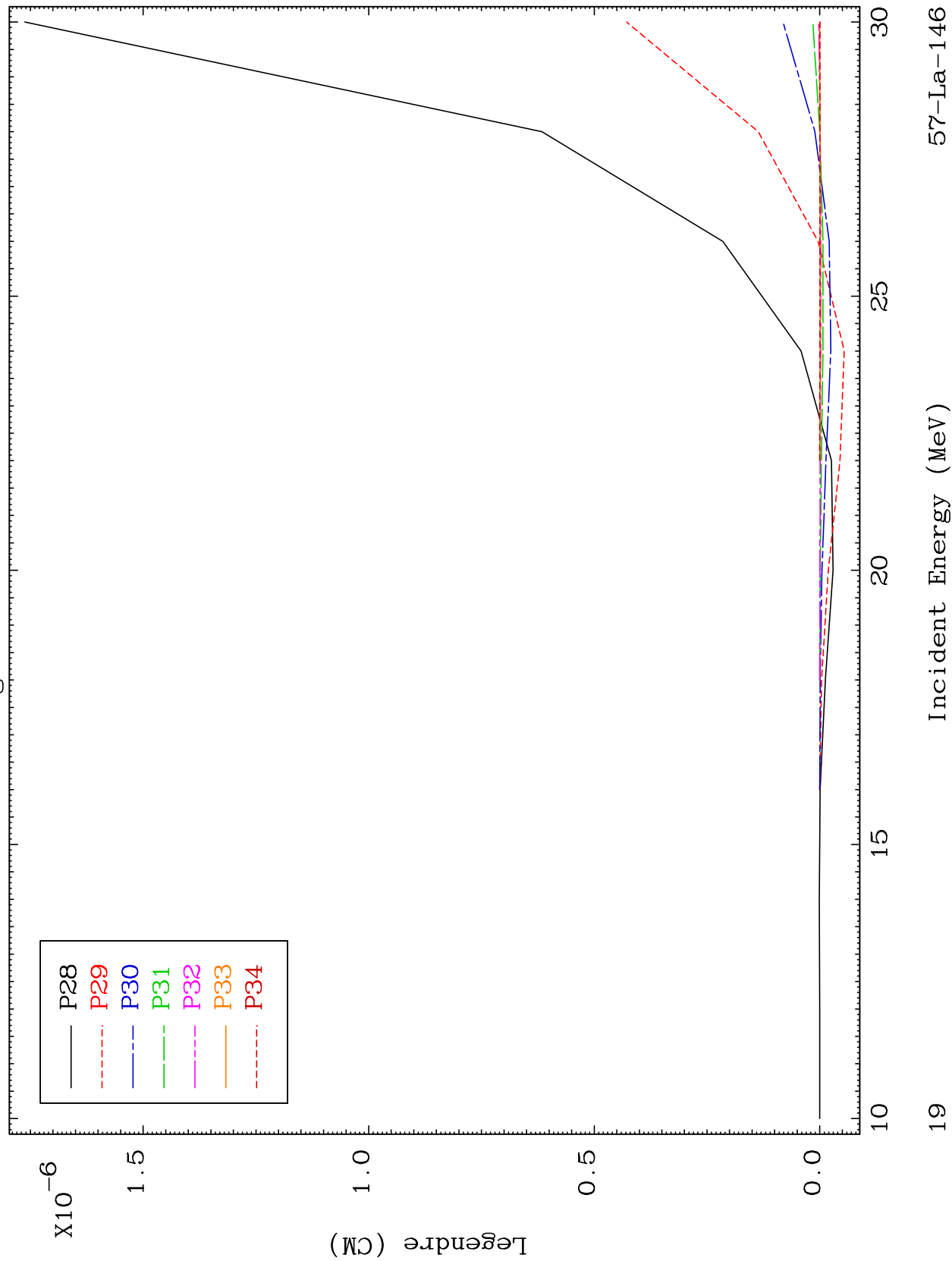
Incident Energy (MeV)

57-La-146

MAT 5749

Elastic
Legendre Coefficients

57-La-146



19

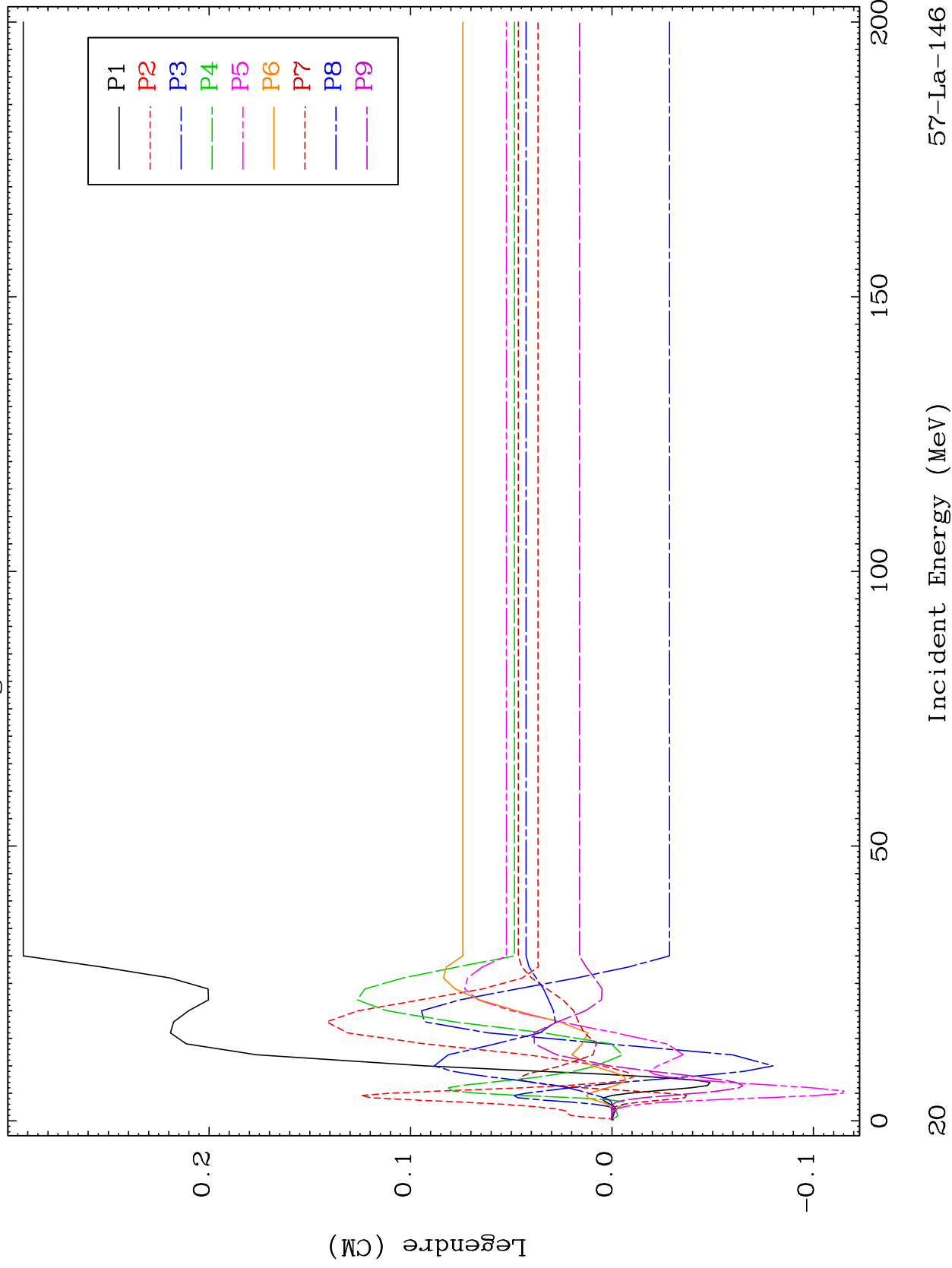
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



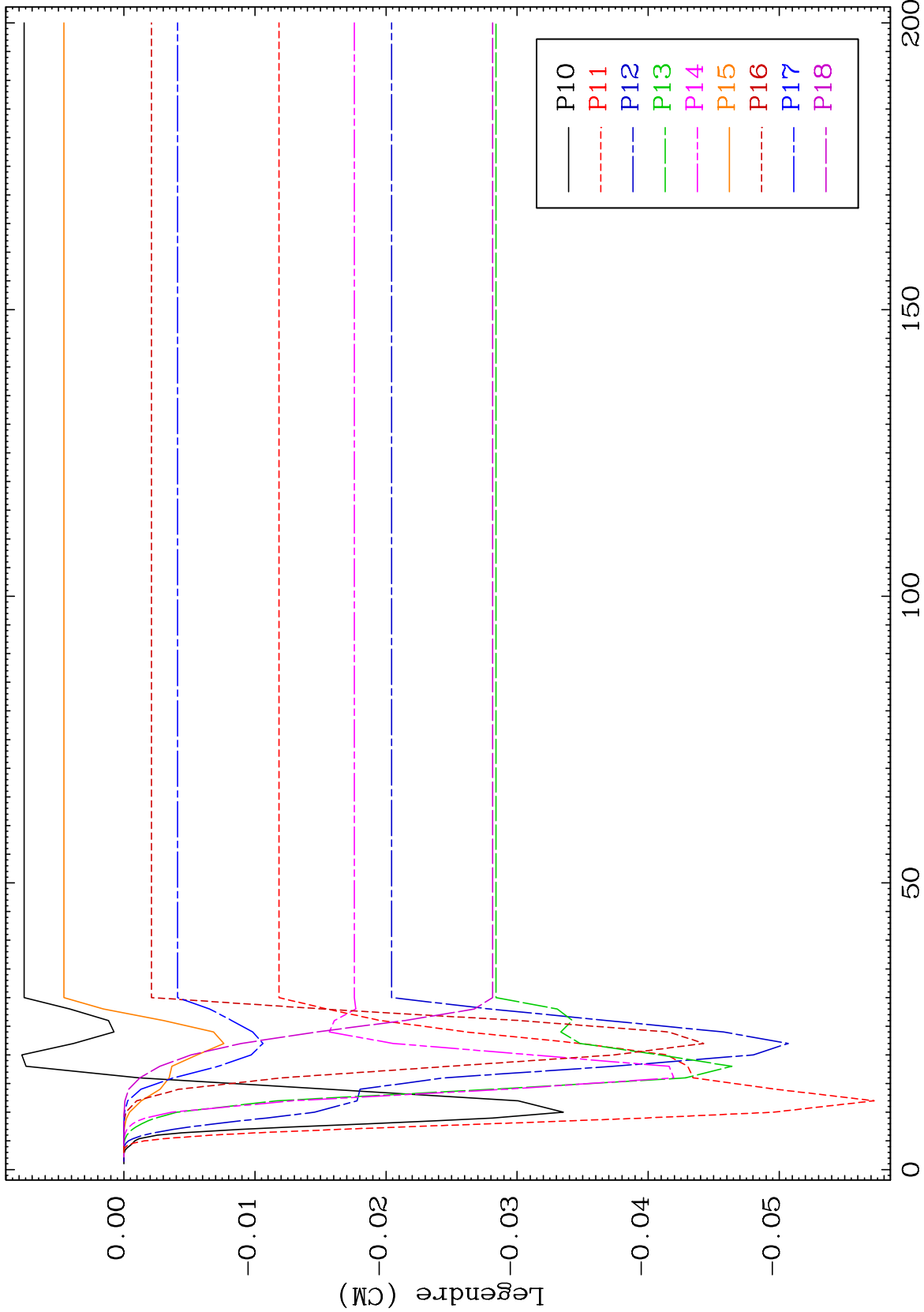
57-La-146

Incident Energy (MeV)

MAT 5749

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

57-La-146



21

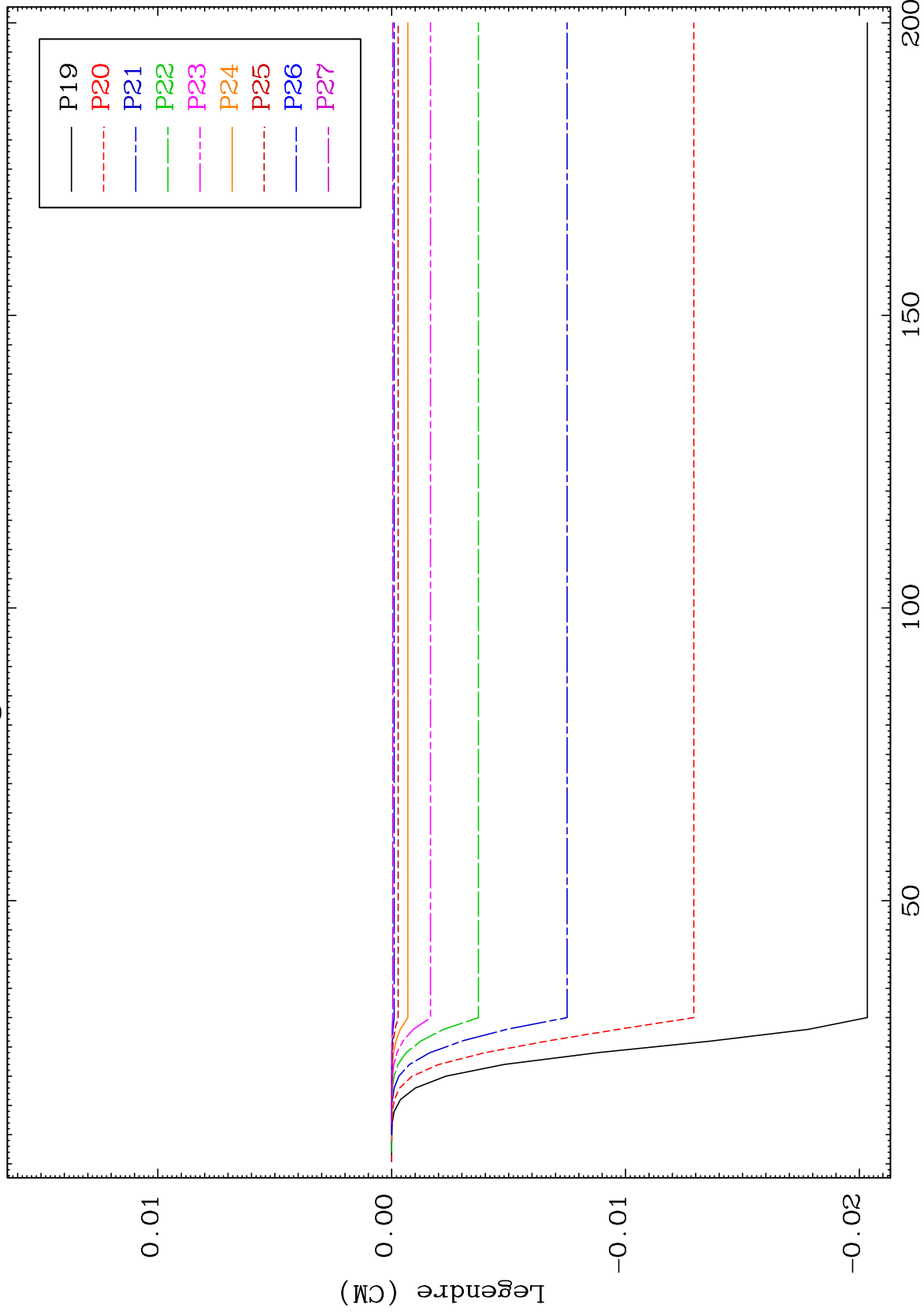
Incident Energy (MeV)

57-La-146

MAT 5749

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

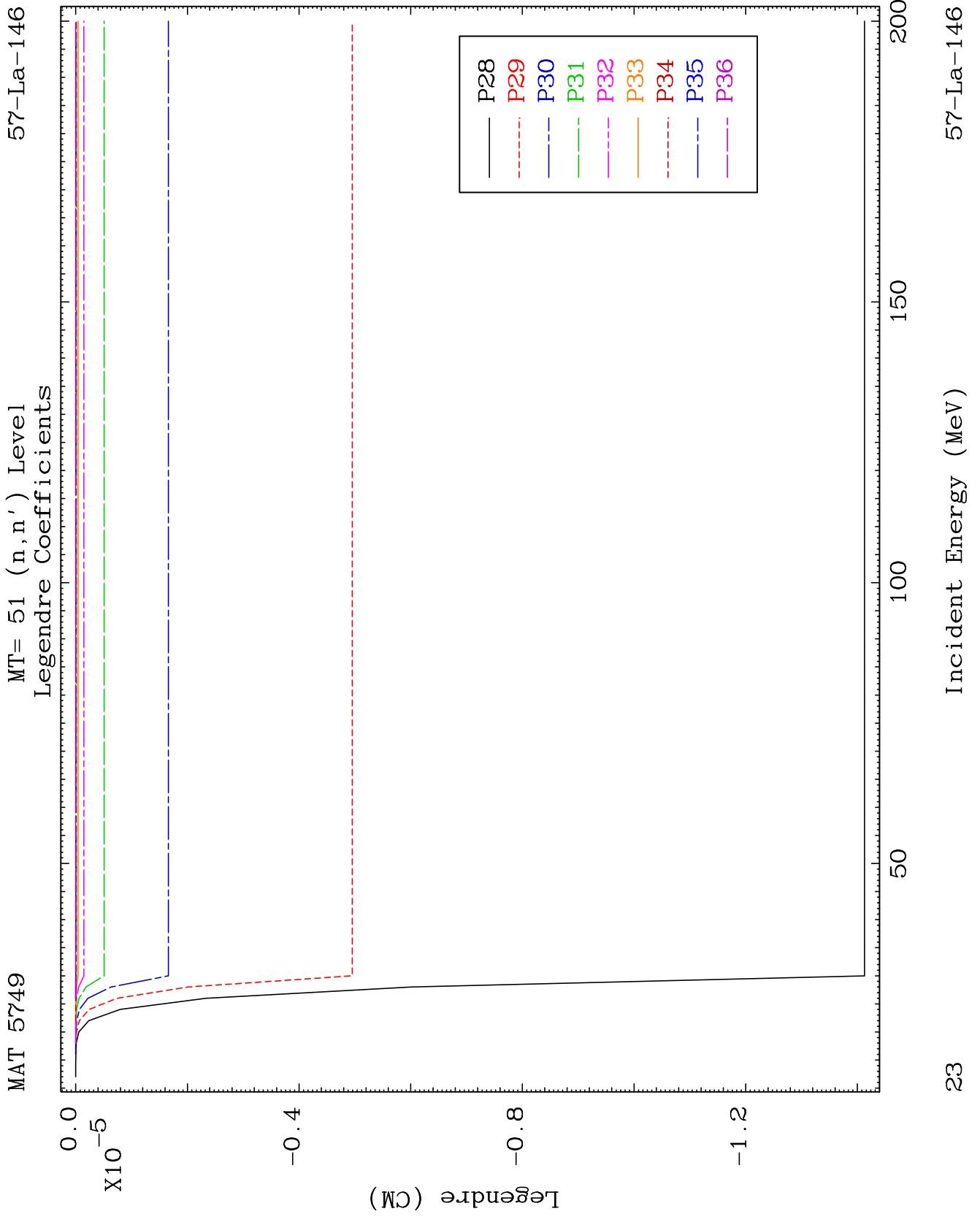
57-La-146



22

Incident Energy (MeV)

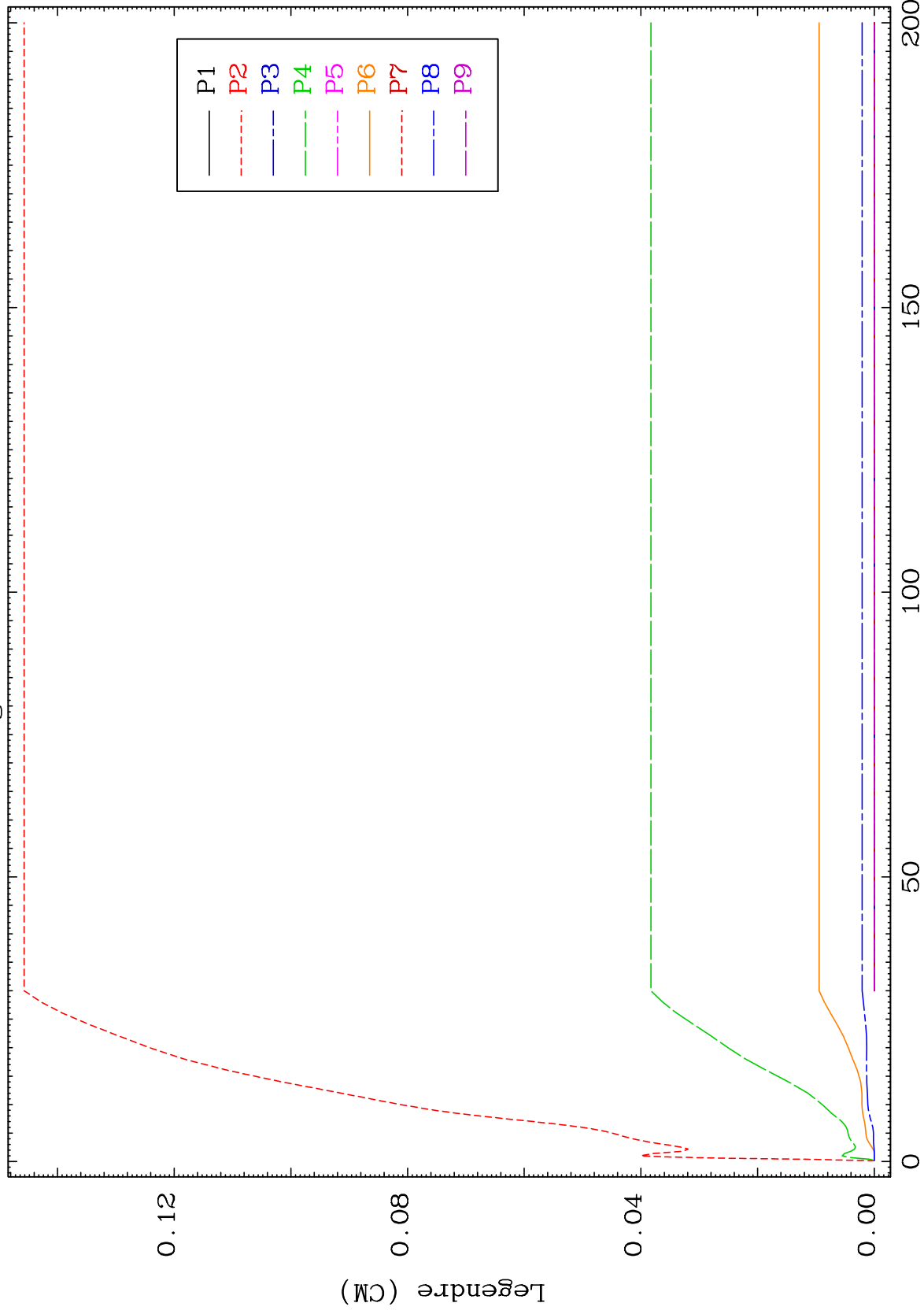
57-La-146



MAT 5749

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

57-La-146



57-La-146

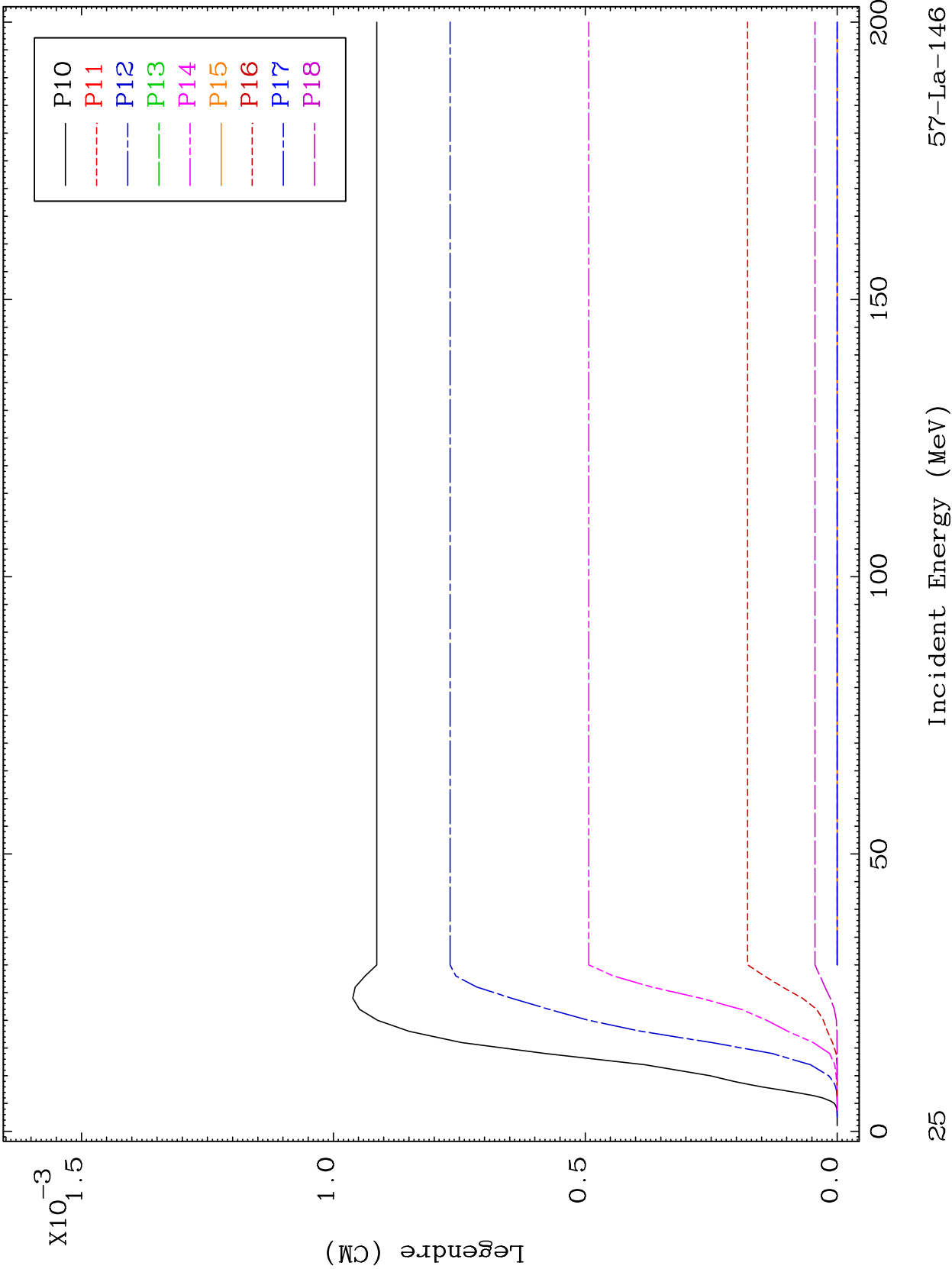
Incident Energy (MeV)

24

MAT 5749

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

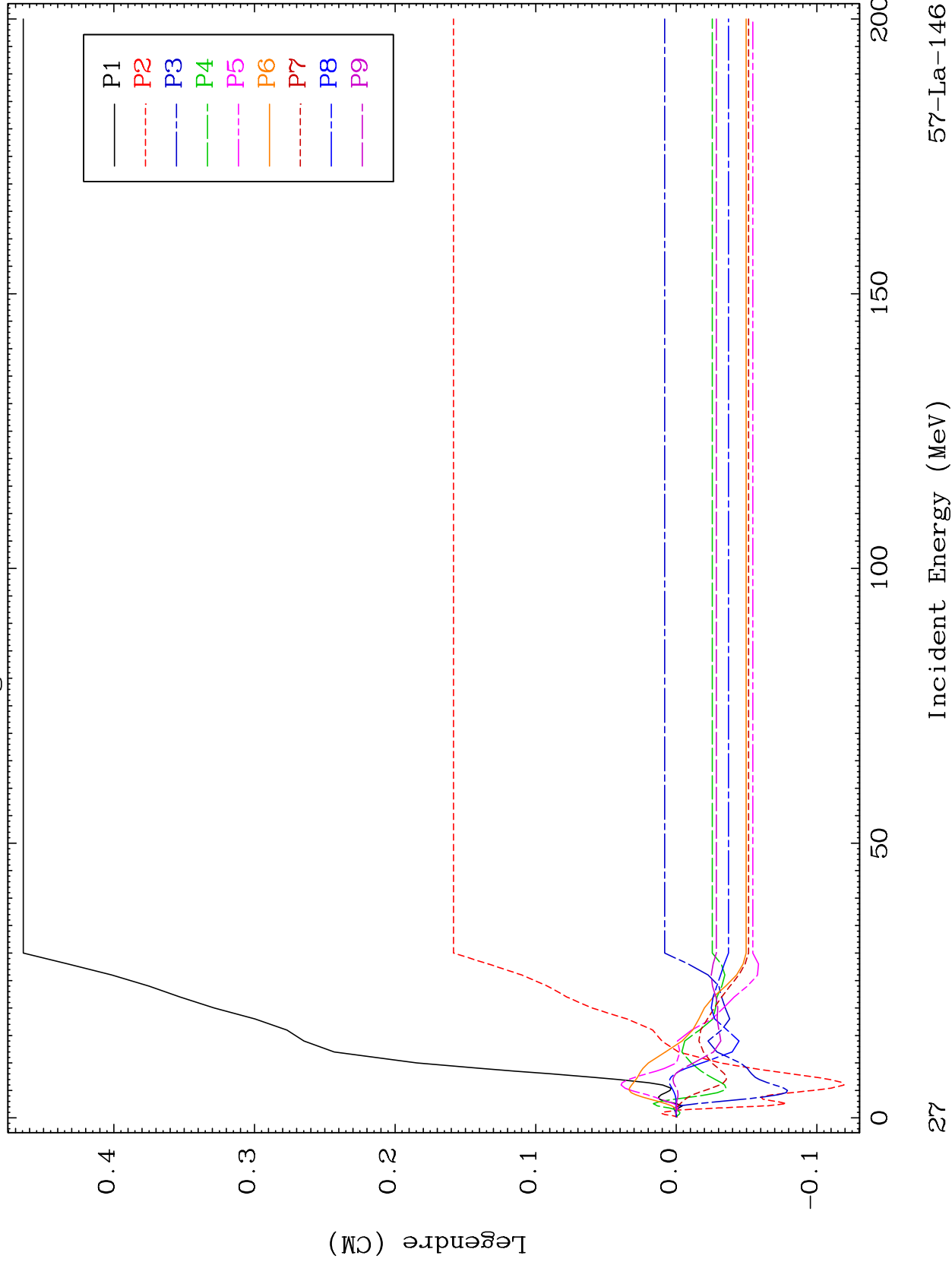
57-La-146



MAT 5749

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

57-La-146



57-La-146

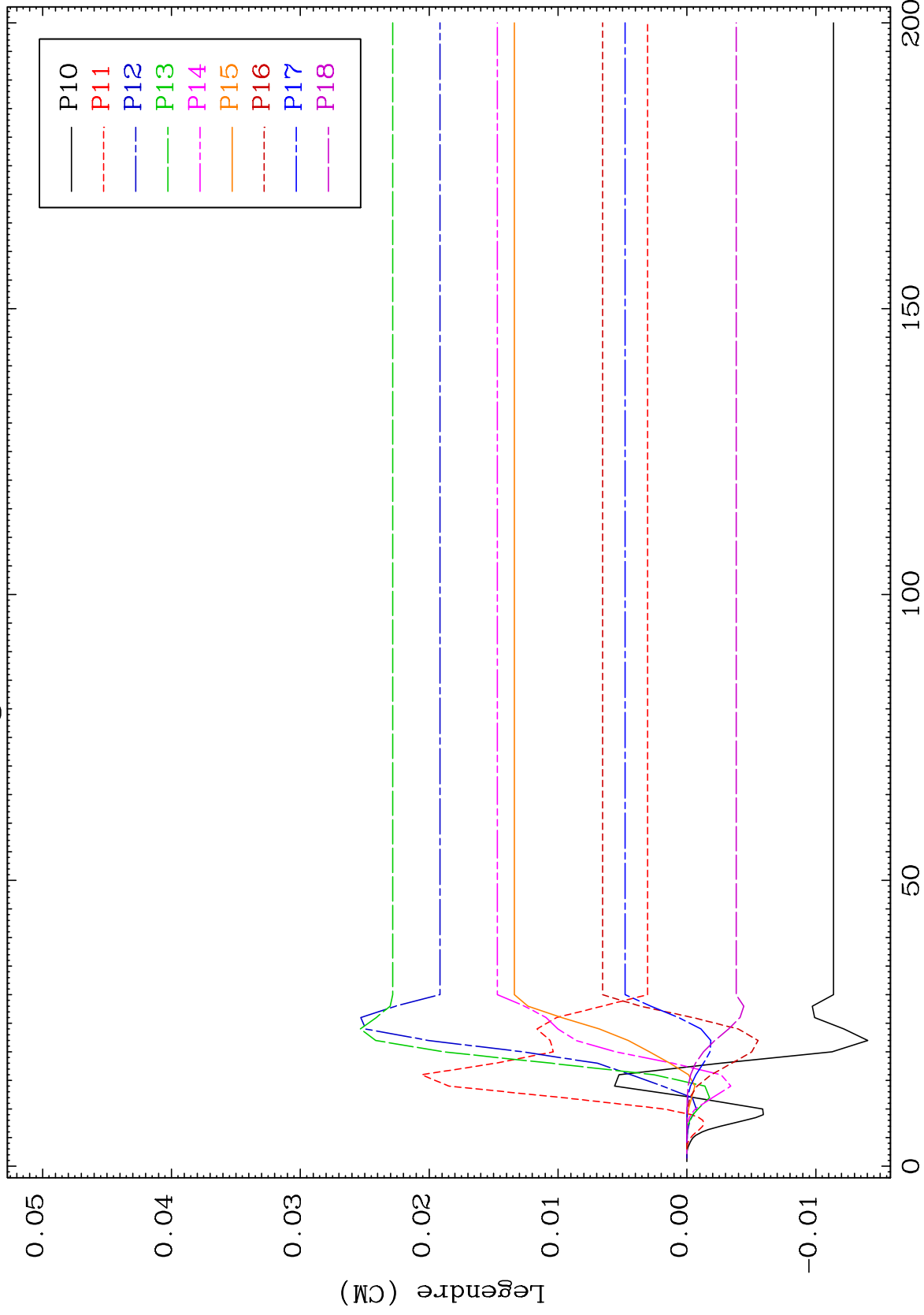
Incident Energy (MeV)

27

MAT 5749

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

57-La-146



28

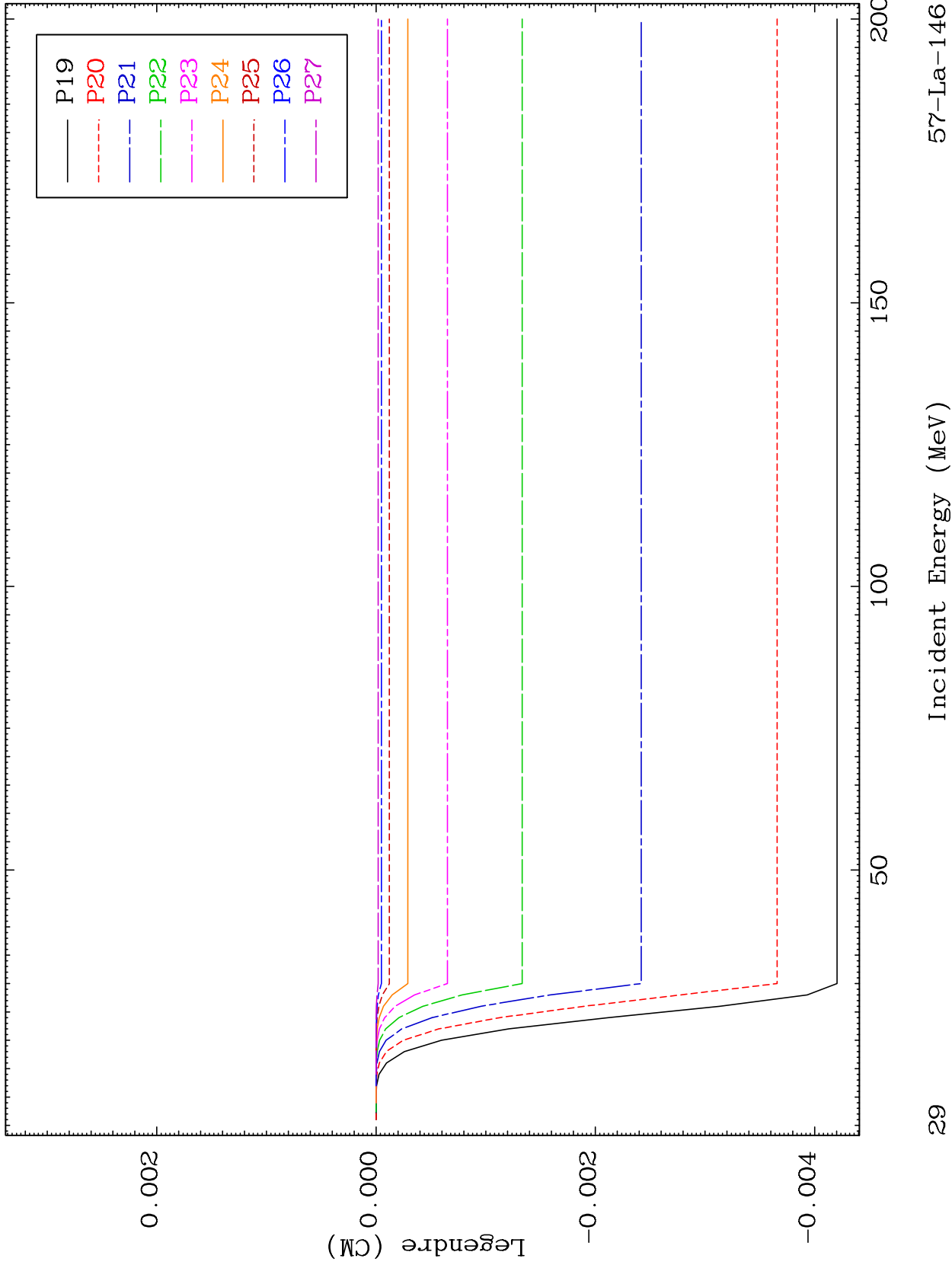
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



29

Incident Energy (MeV)

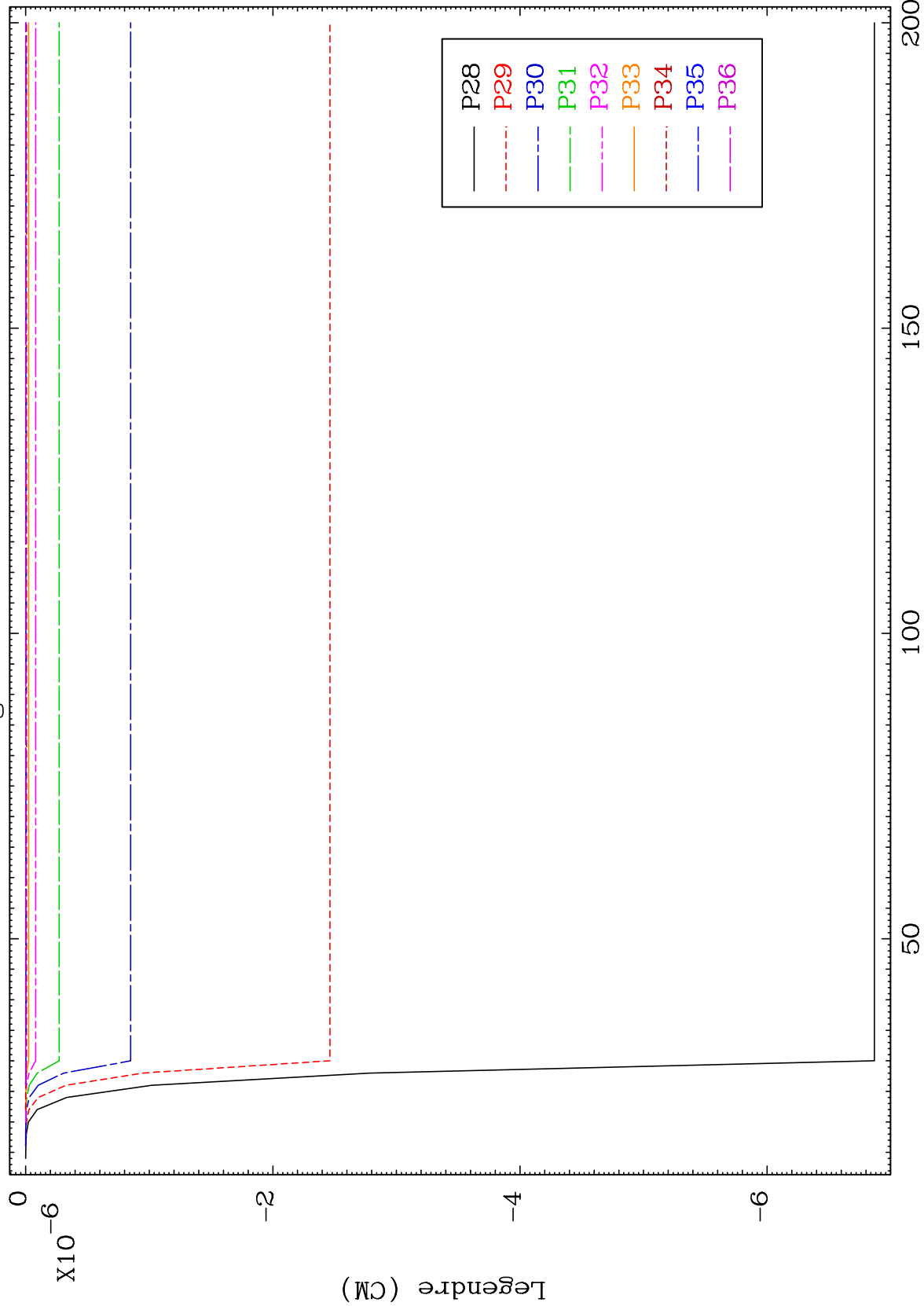
57-La-146

MAT 5749

MT= 53 (n,n') Level

57-La-146

Legendre Coefficients



57-La-146

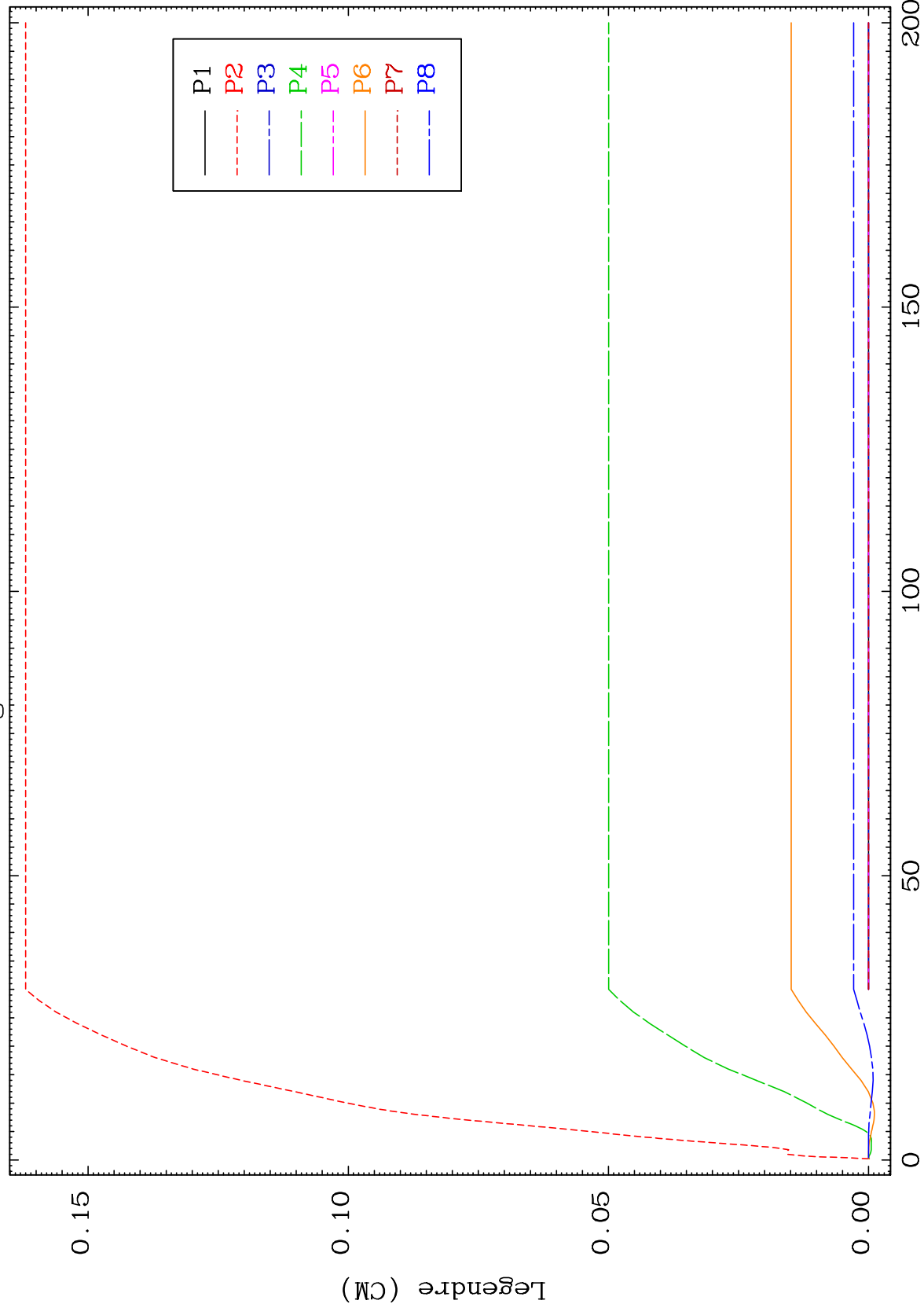
Incident Energy (MeV)

30

MAT 5749

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

57-La-146



31

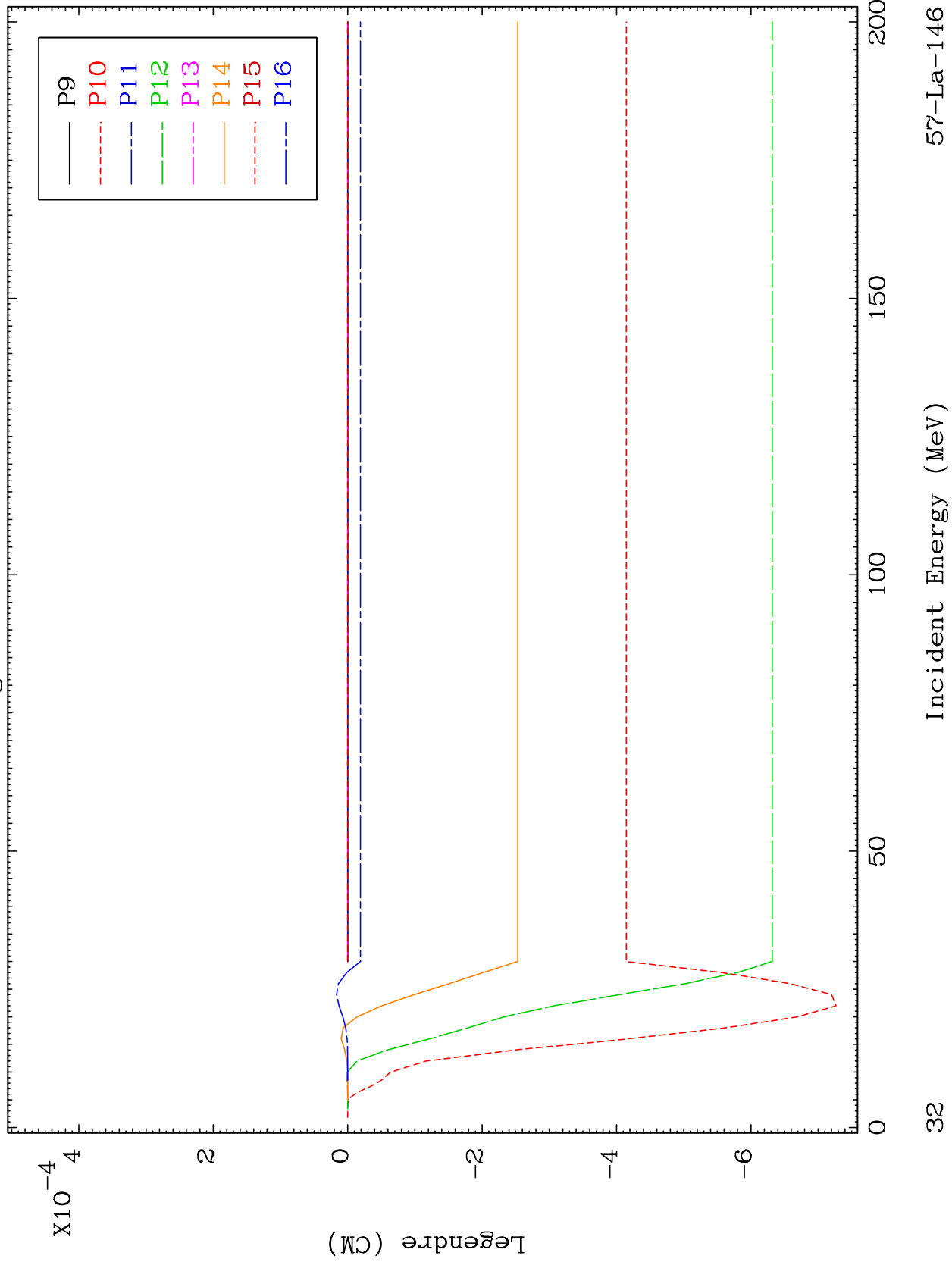
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



32

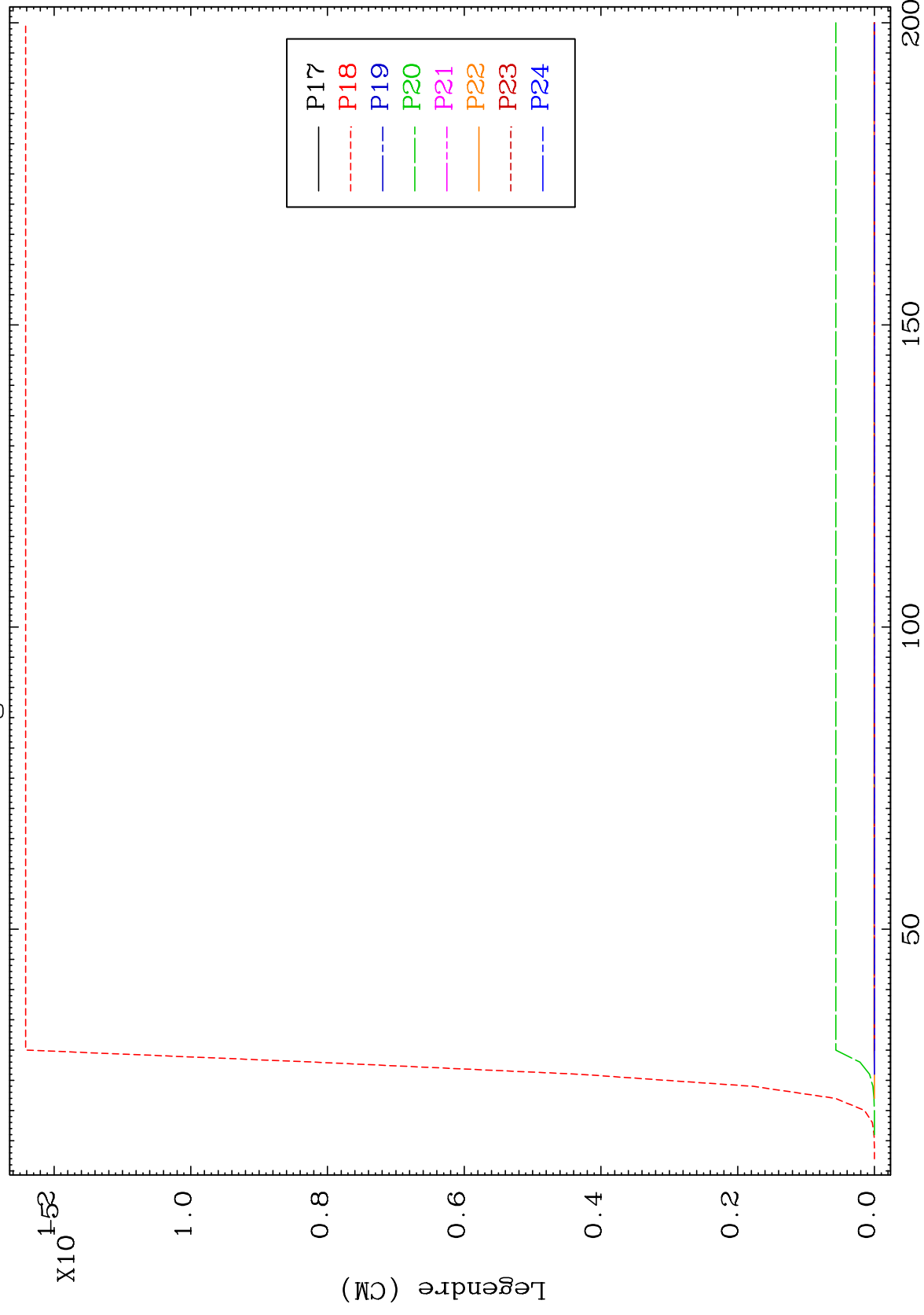
Incident Energy (MeV)

57-La-146

MAT 5749

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

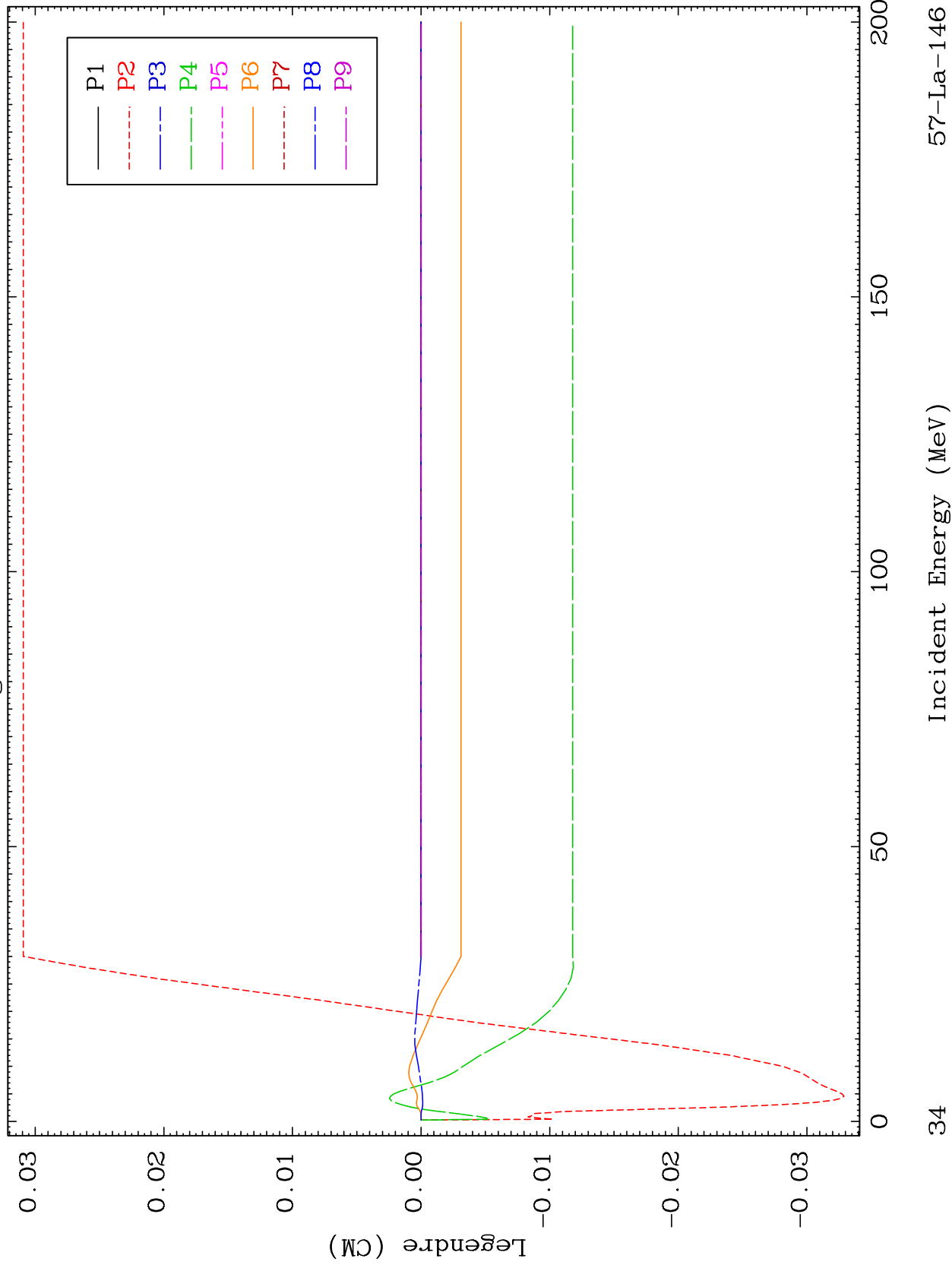
57-La-146



MAT 5749

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

57-La-146



57-La-146

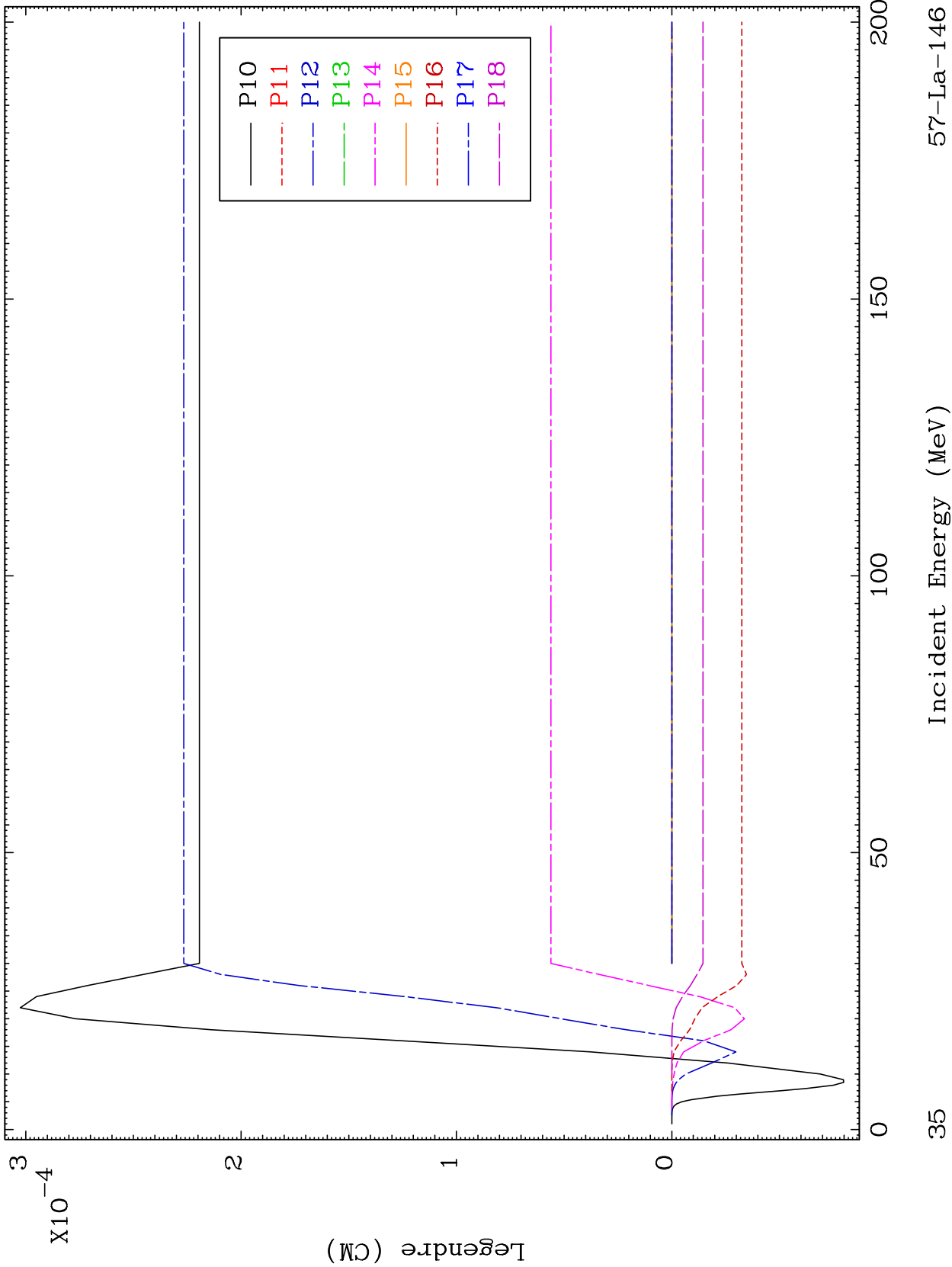
Incident Energy (MeV)

34

MAT 5749

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

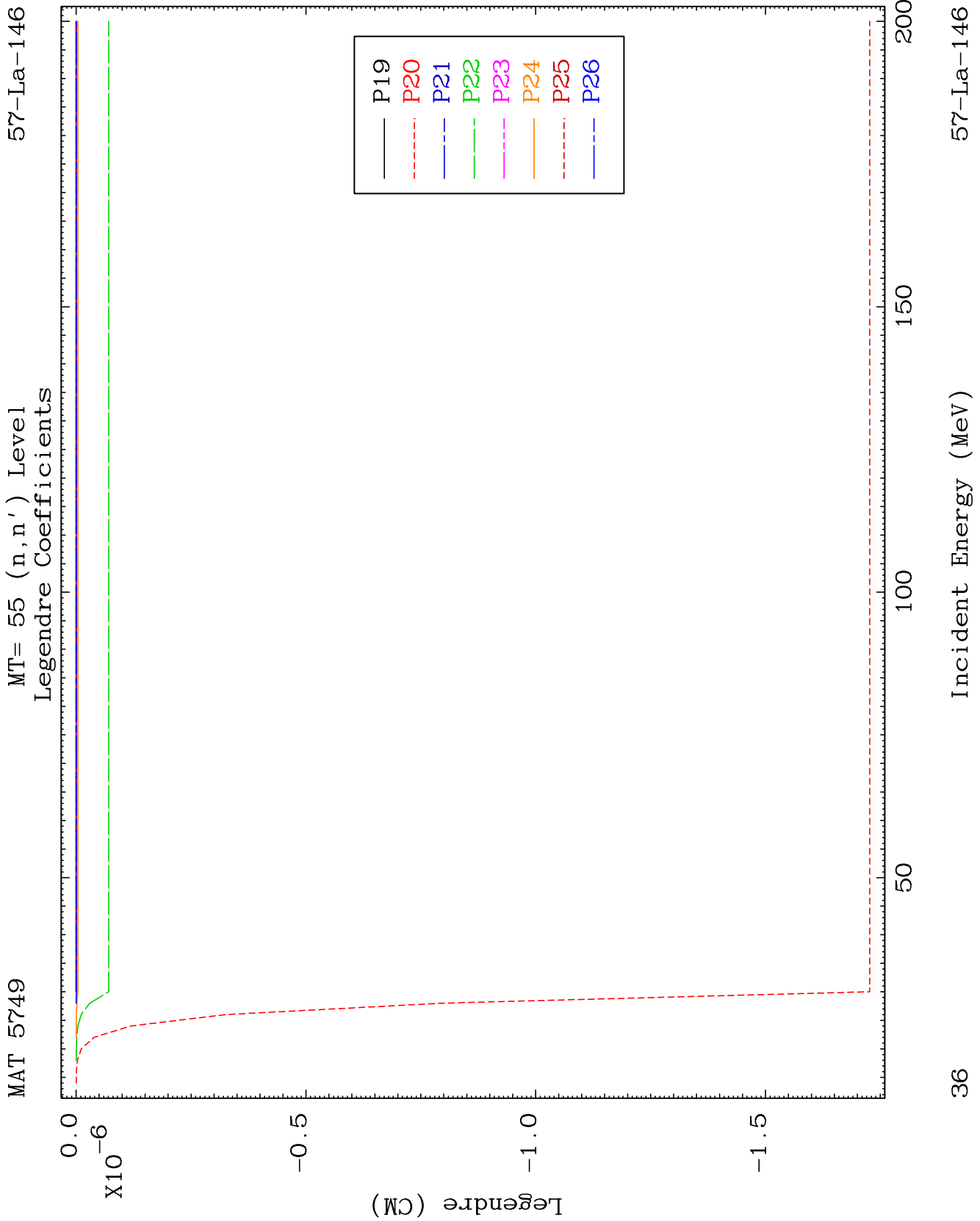
57-La-146



57-La-146

Incident Energy (MeV)

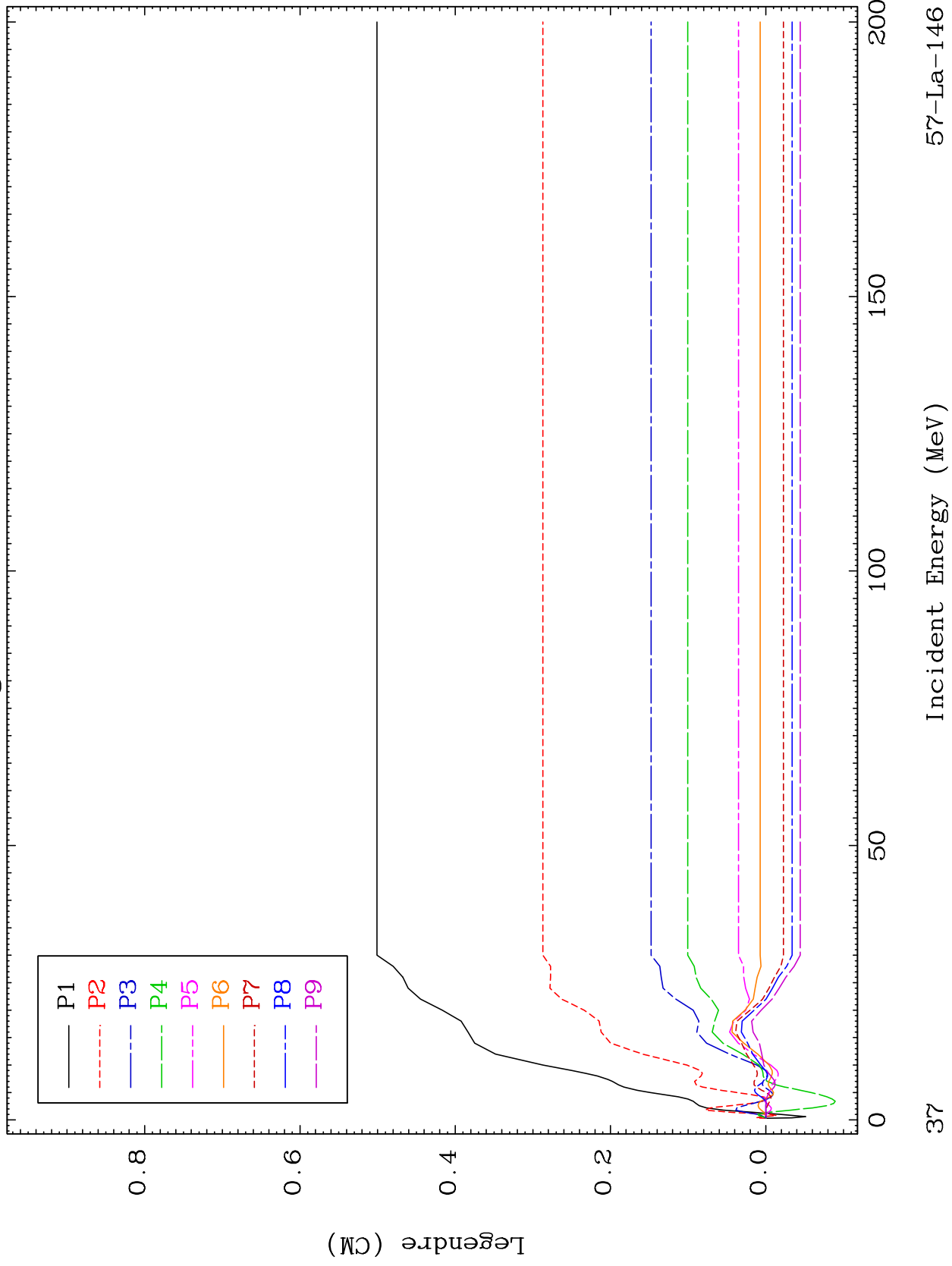
35



MAT 5749

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

57-La-146



57-La-146

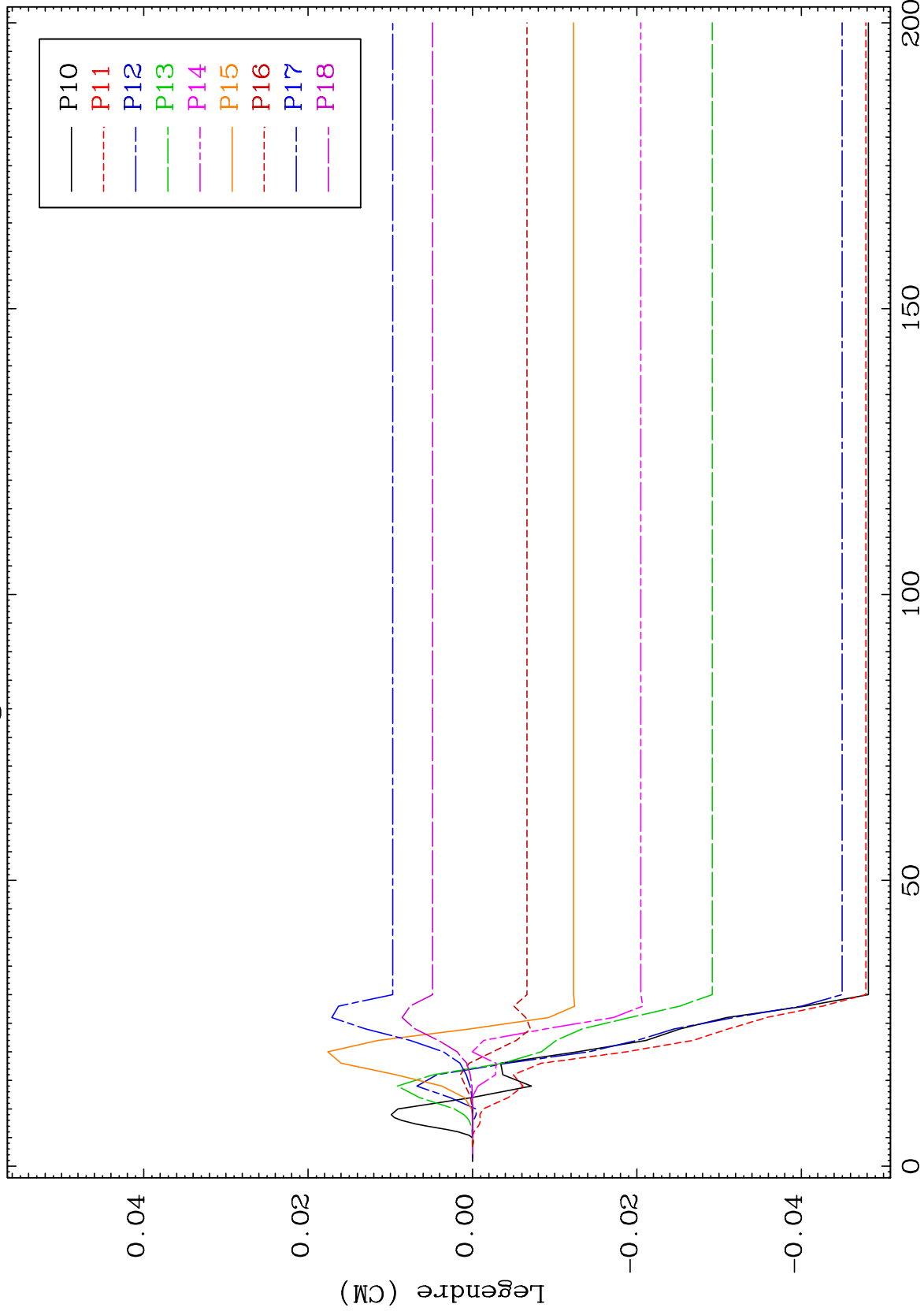
Incident Energy (MeV)

37

MAT 5749

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

57-La-146



38

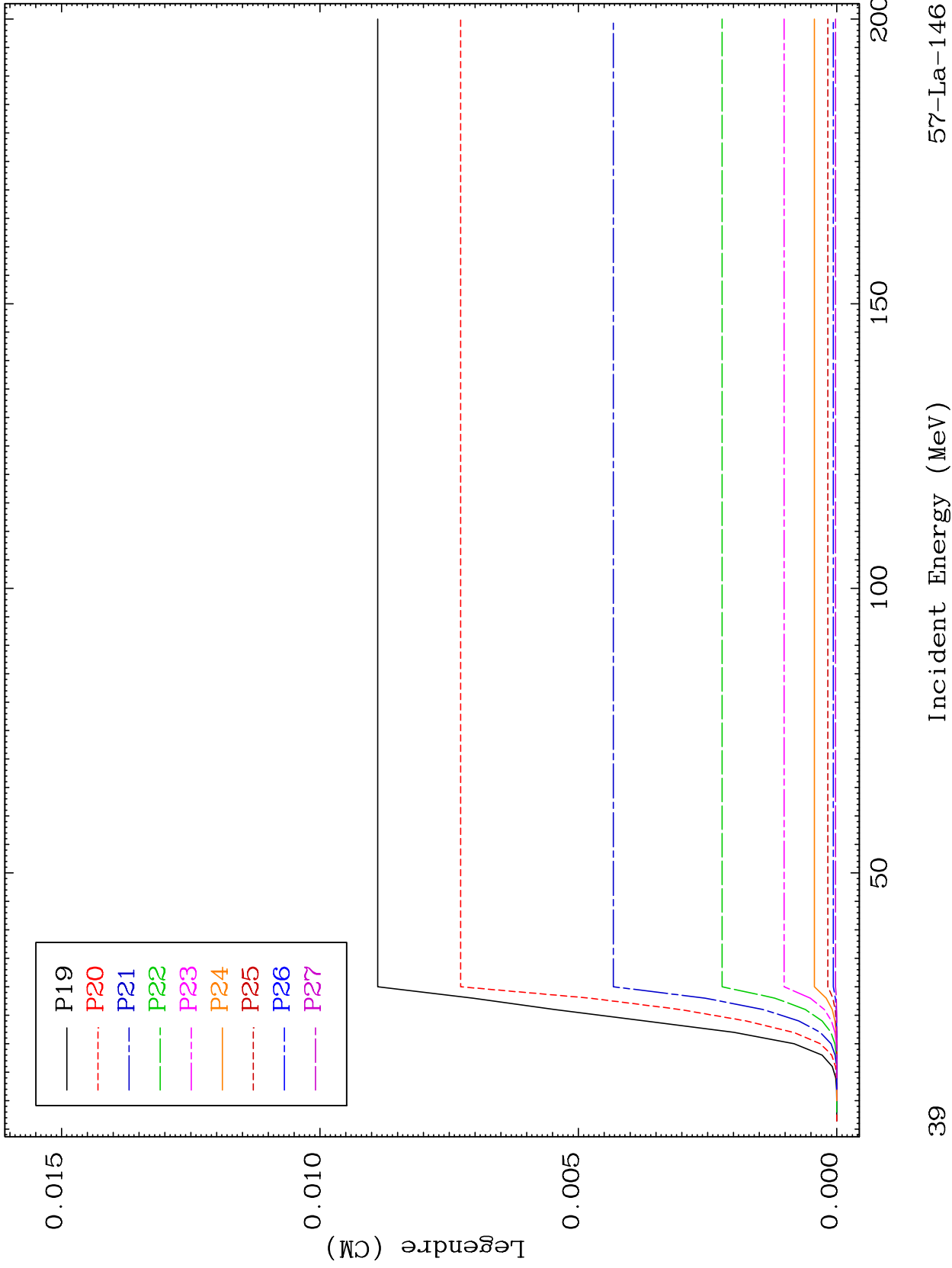
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



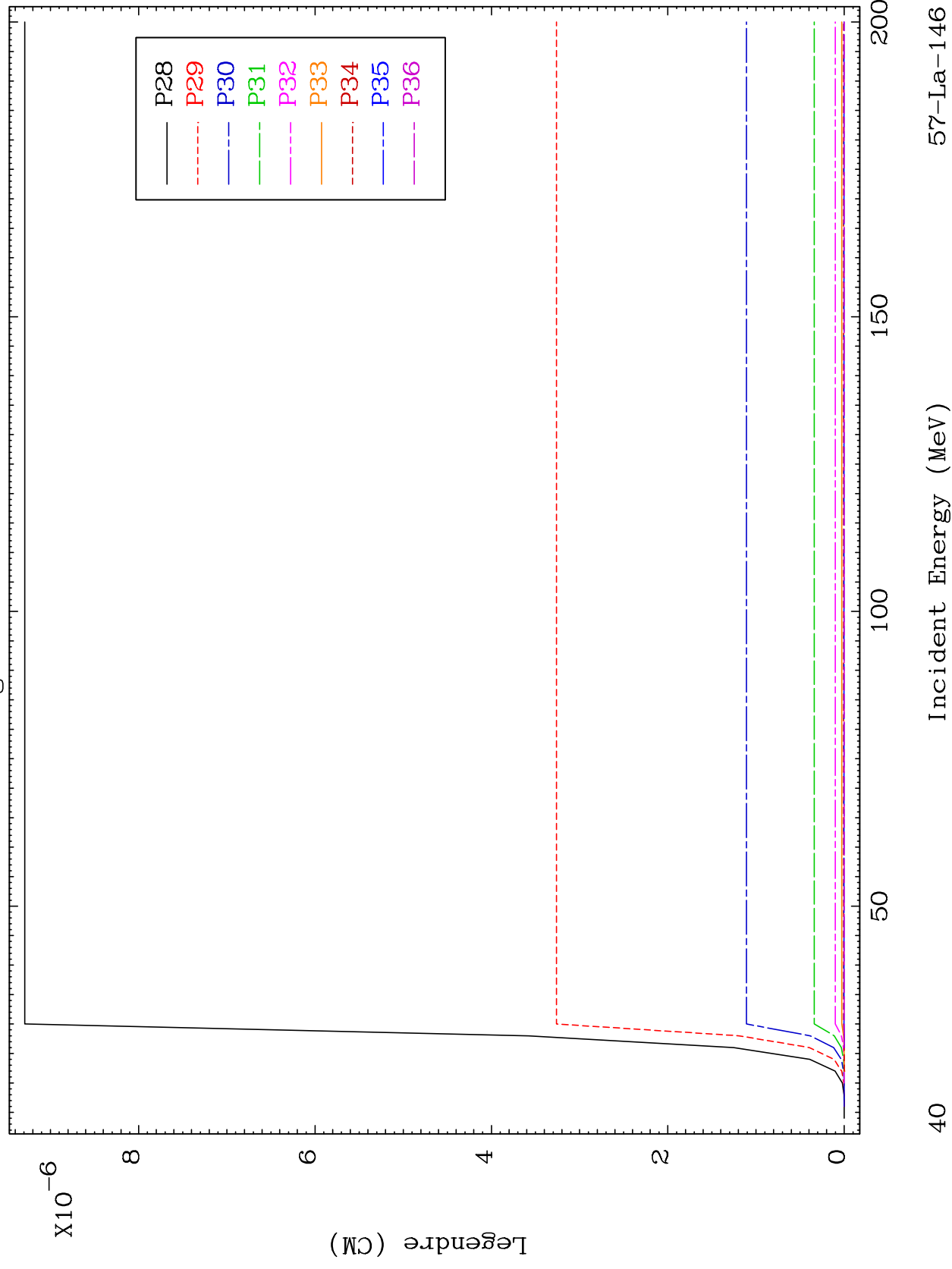
39

57-La-146

MAT 5749

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

57-La-146



57-La-146

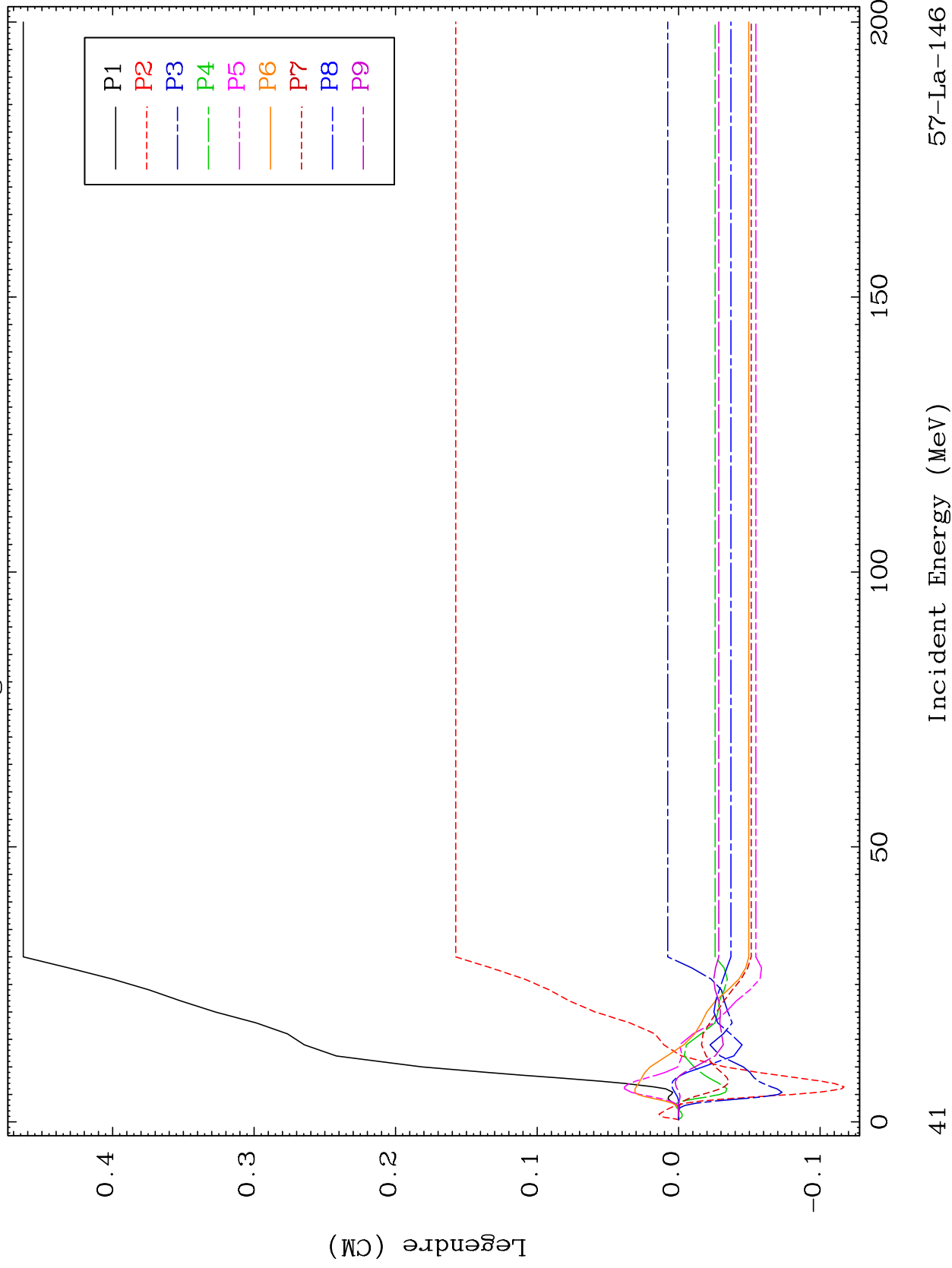
Incident Energy (MeV)

40

MAT 5749

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

57-La-146



57-La-146

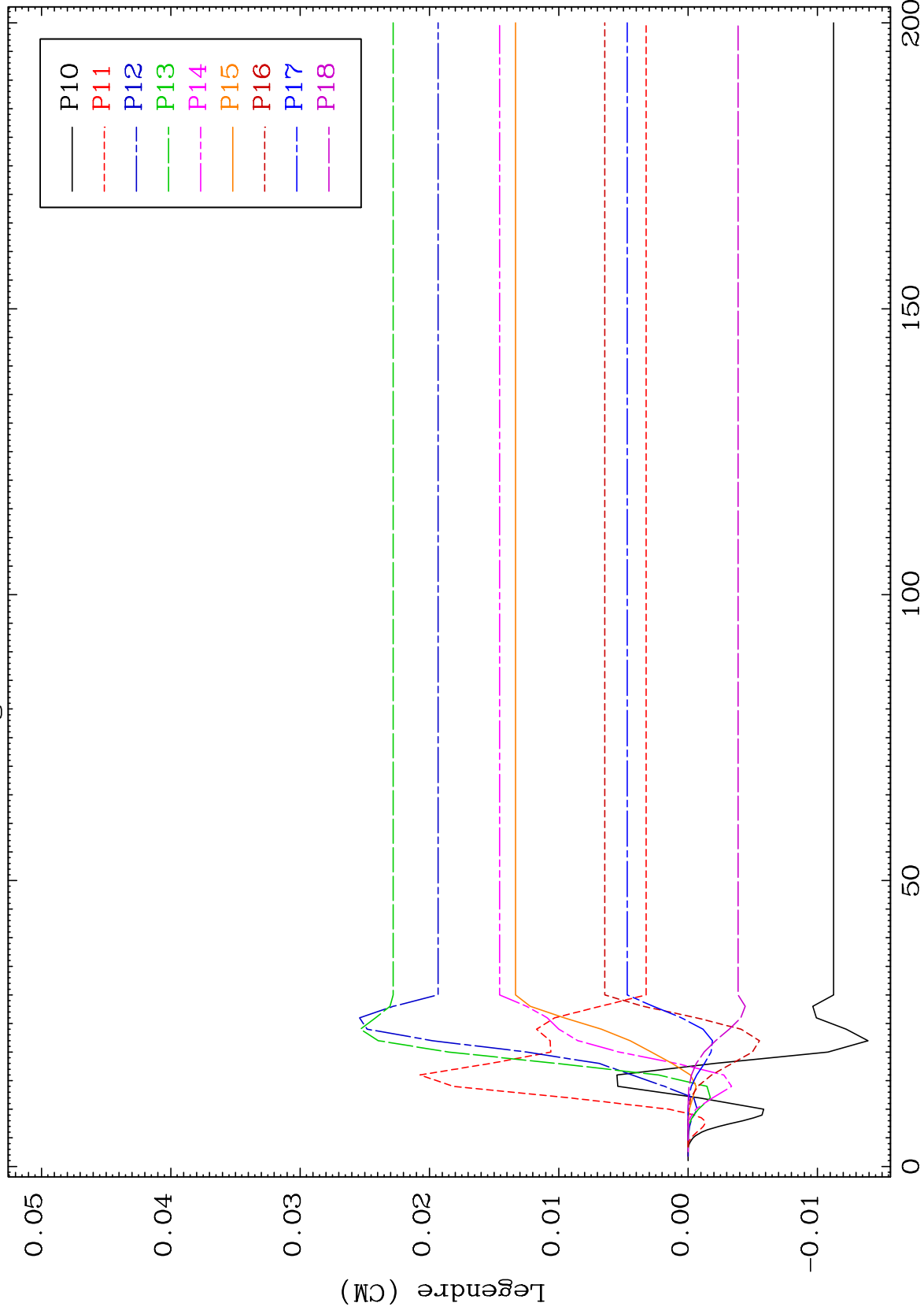
Incident Energy (MeV)

41

MAT 5749

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

57-La-146



42

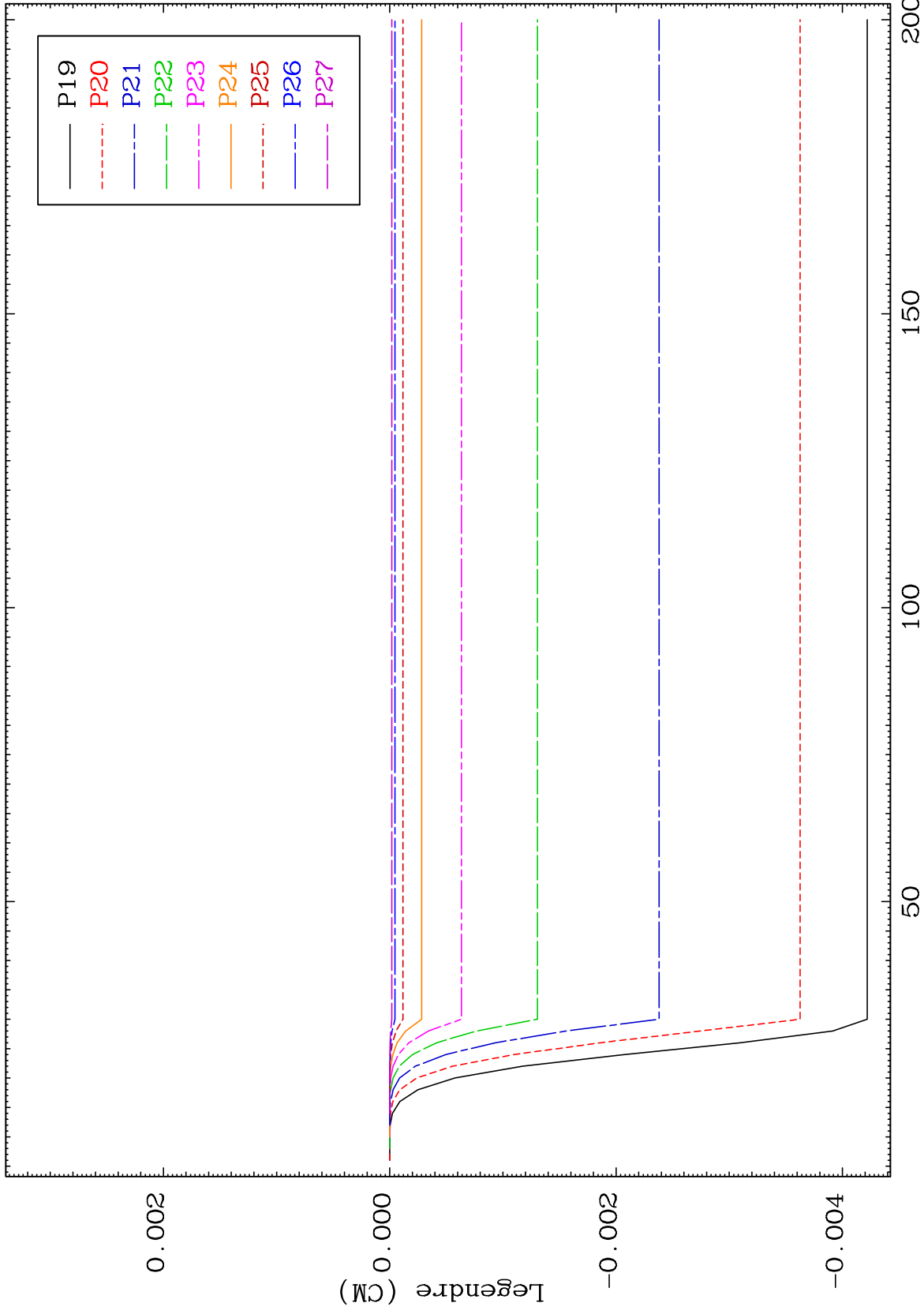
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



43

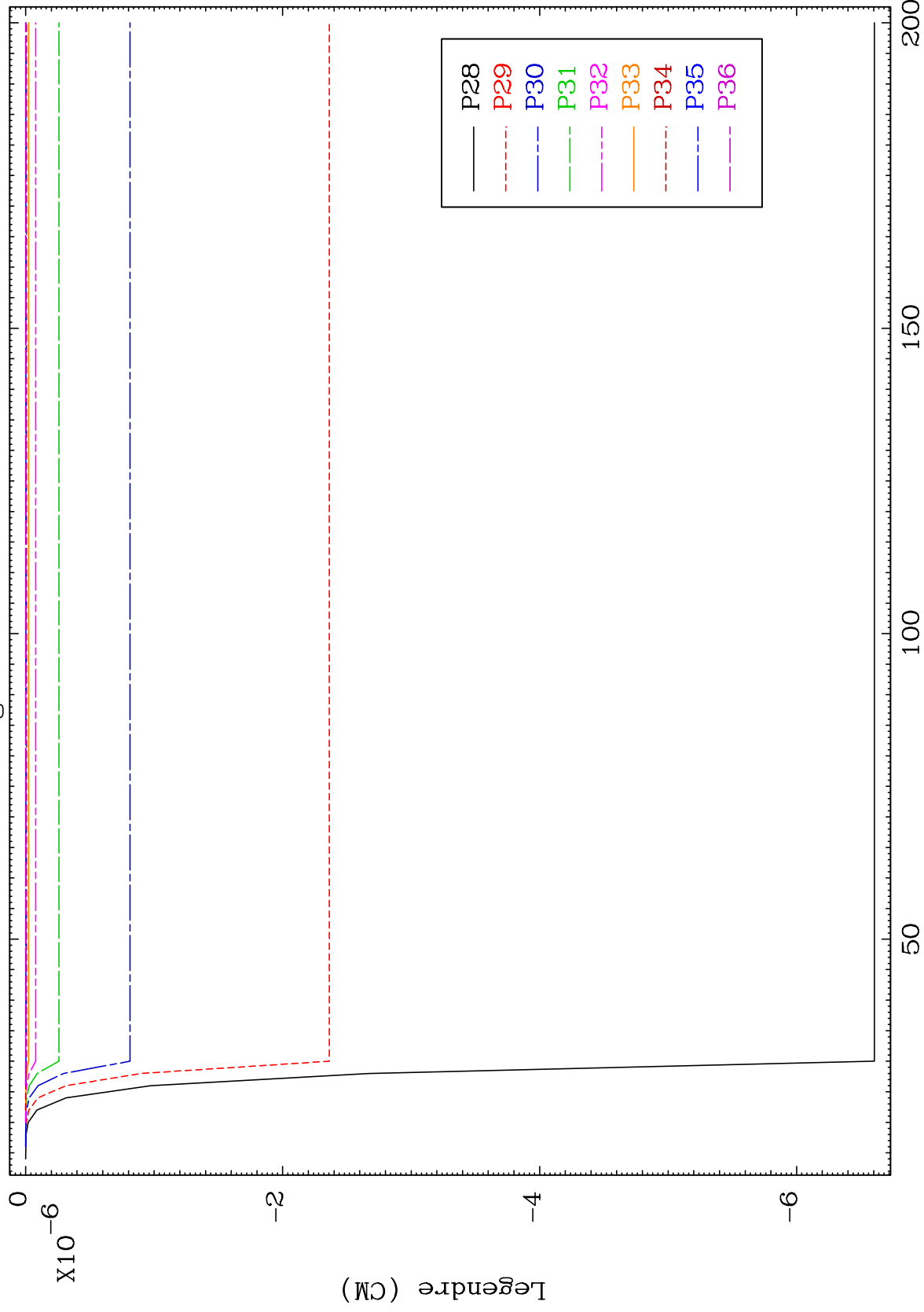
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



44

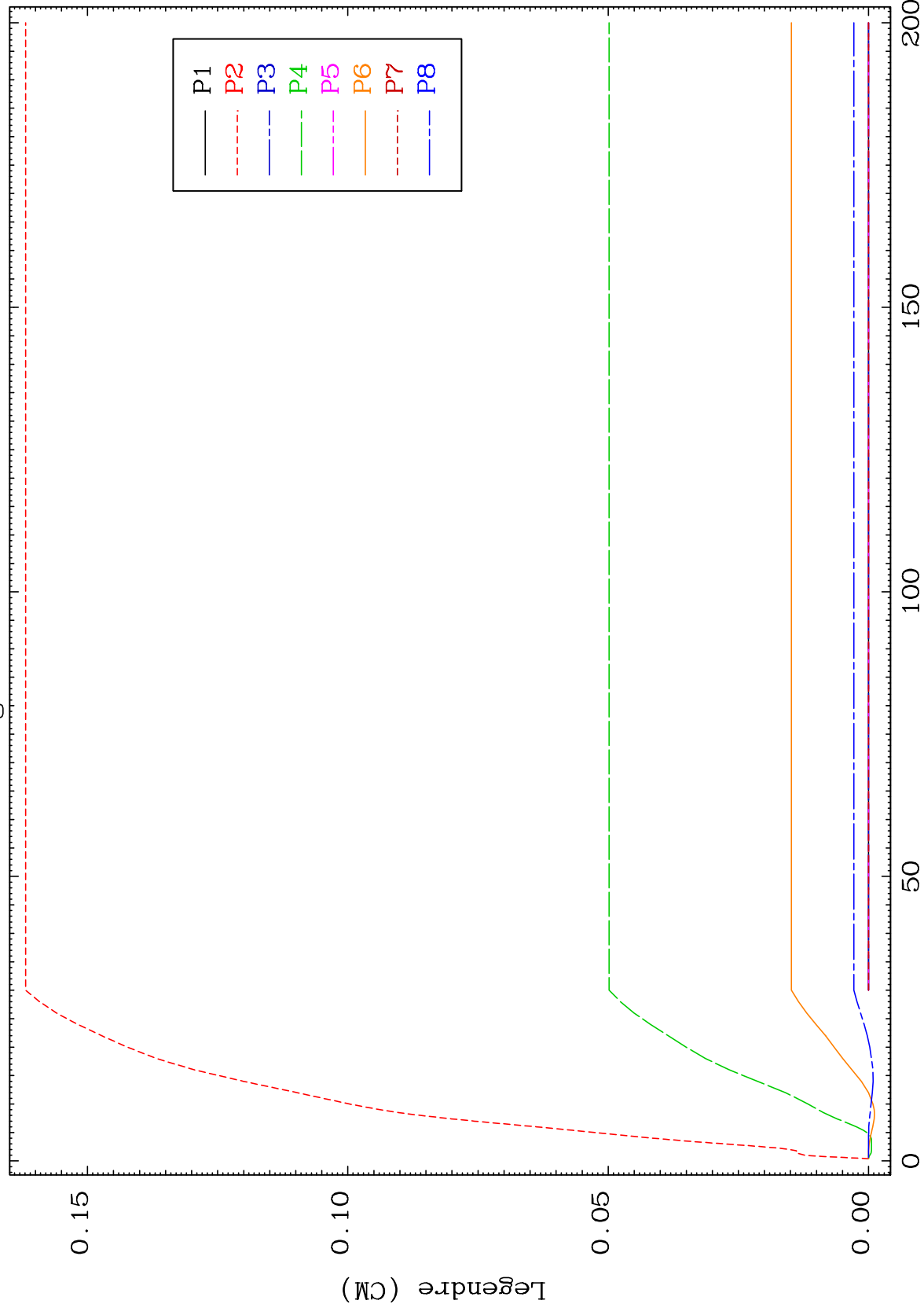
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



57-La-146

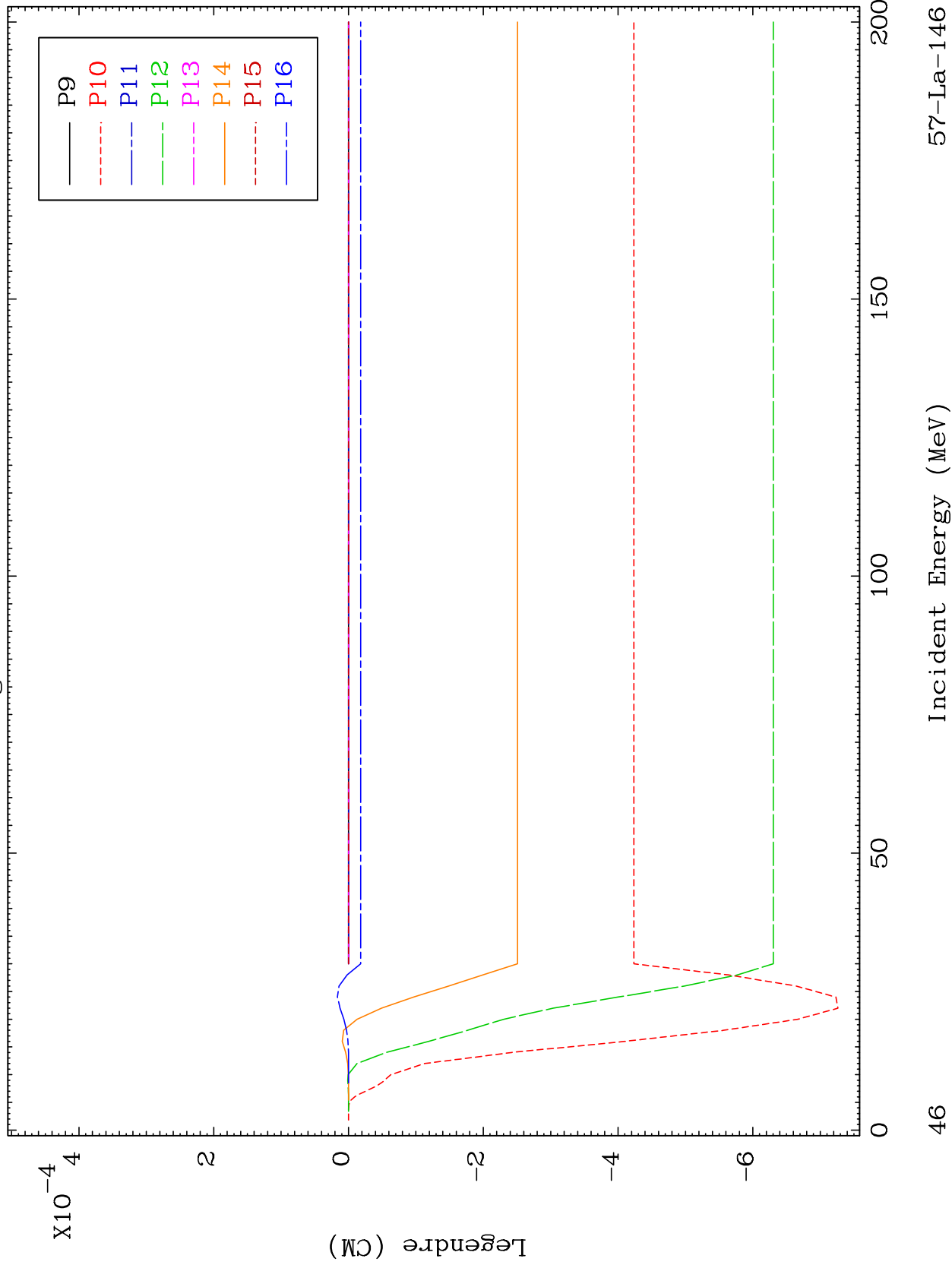
Incident Energy (MeV)

45

MAT 5749

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

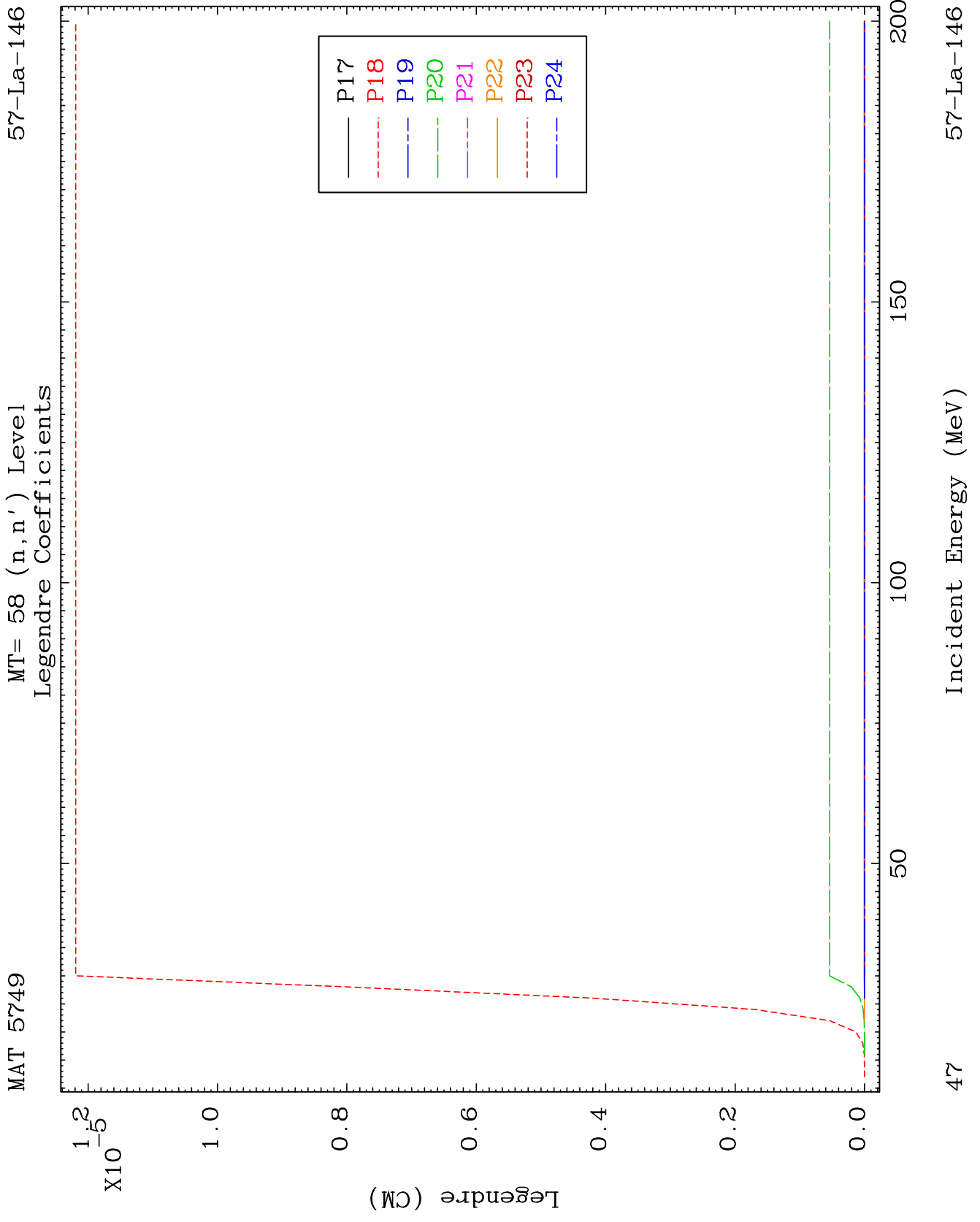
57-La-146



57-La-146

Incident Energy (MeV)

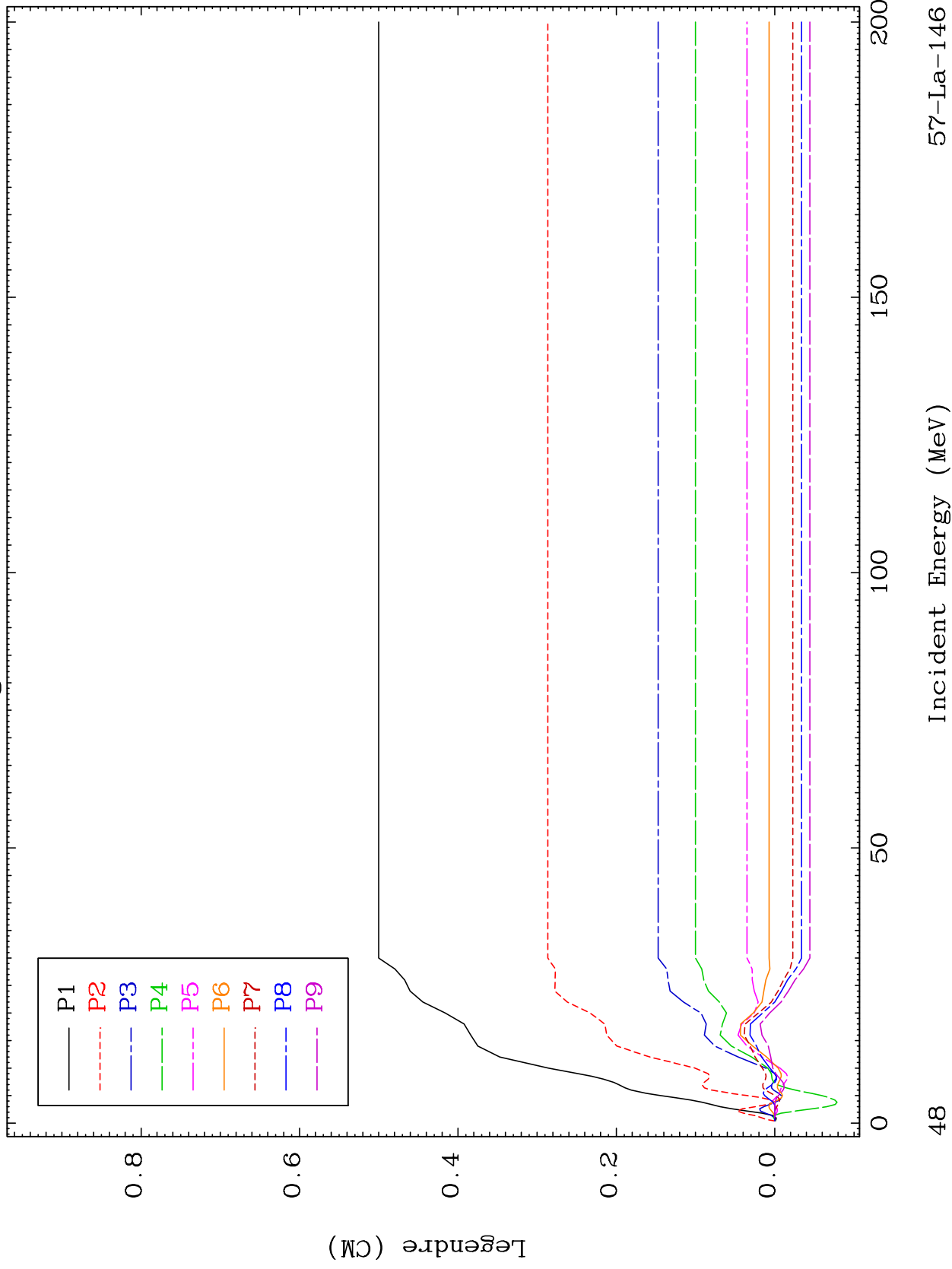
46



MAT 5749

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

57-La-146

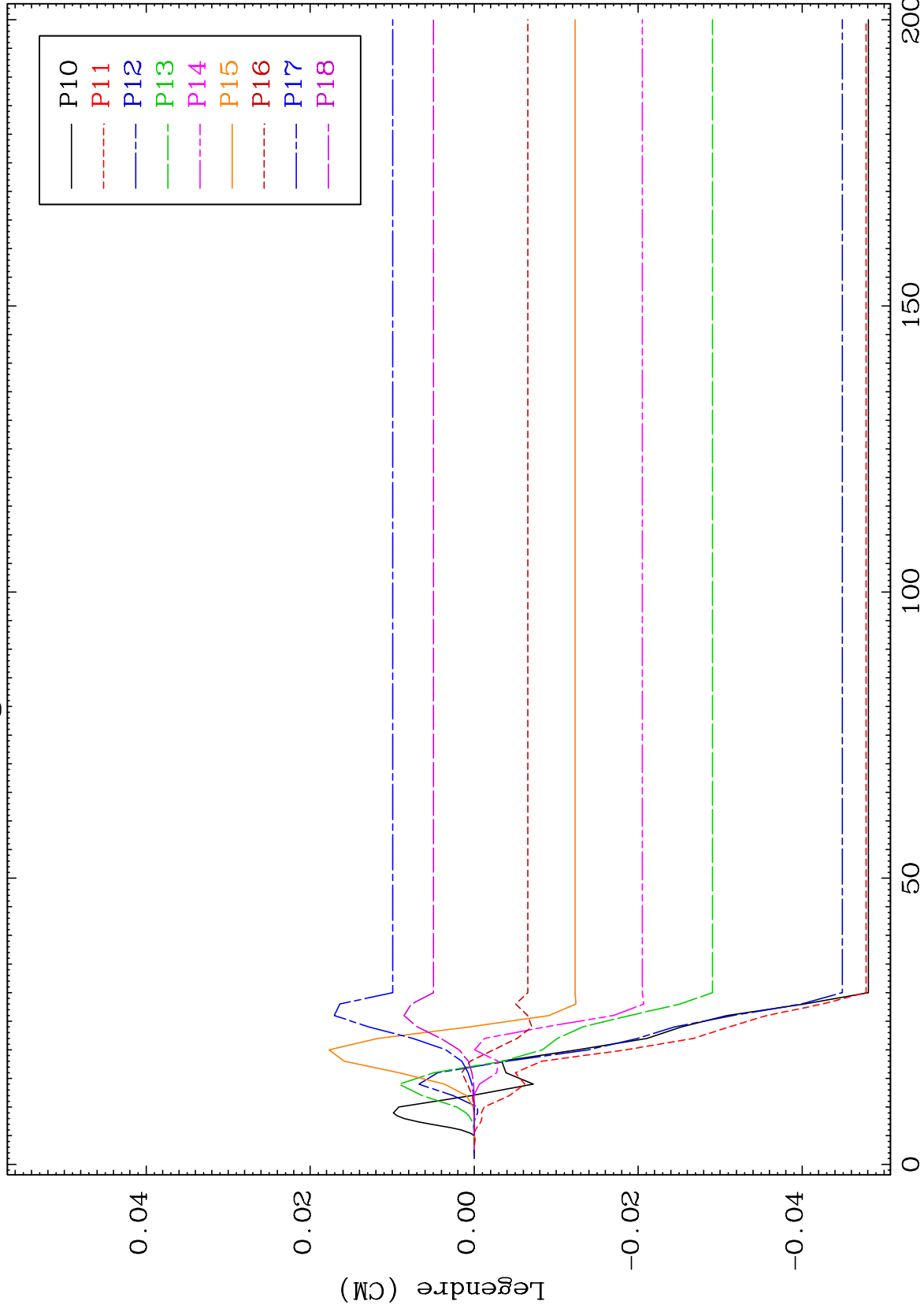


57-La-146

MAT 5749

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

57-La-146



49

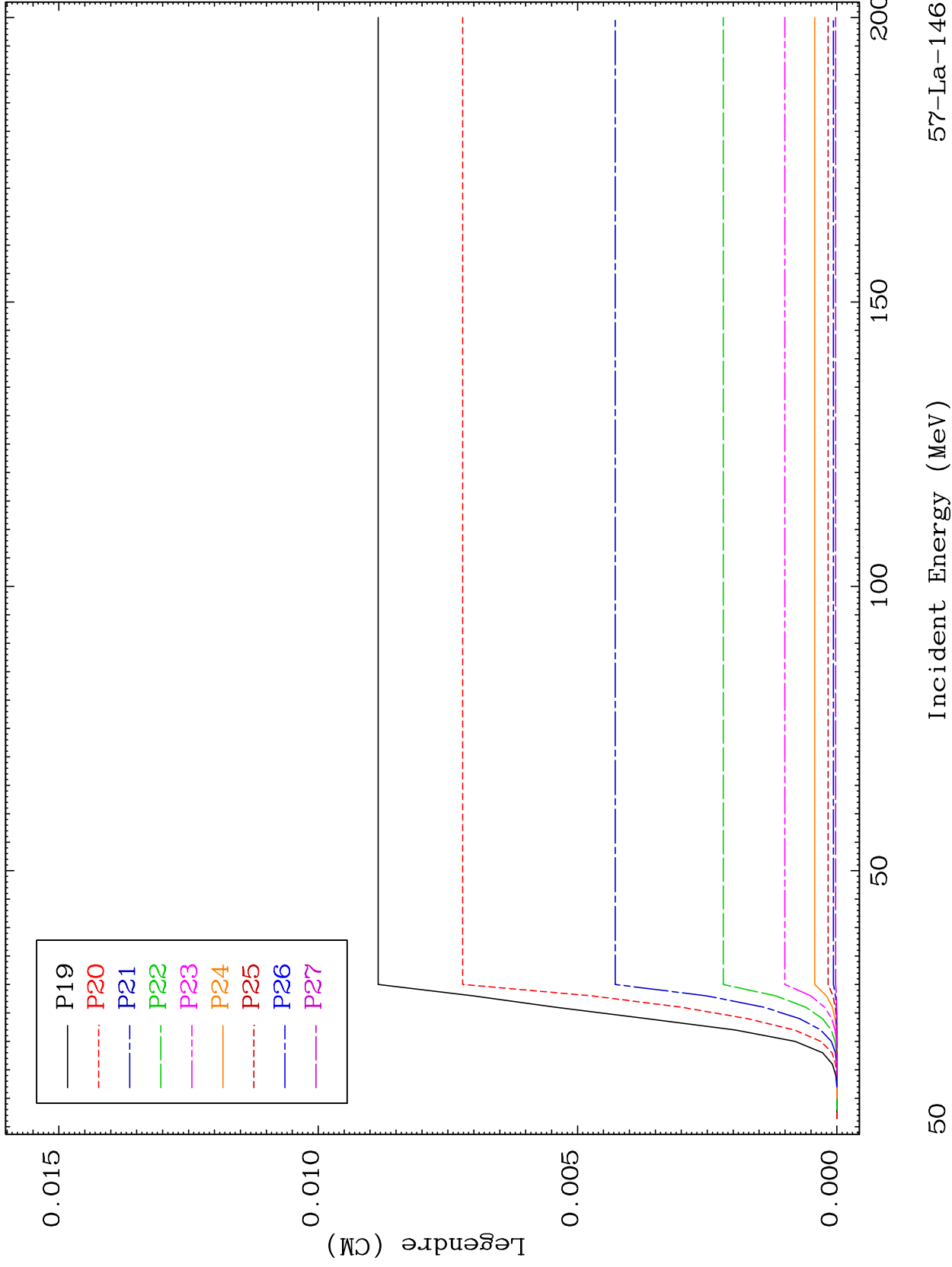
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



57-La-146

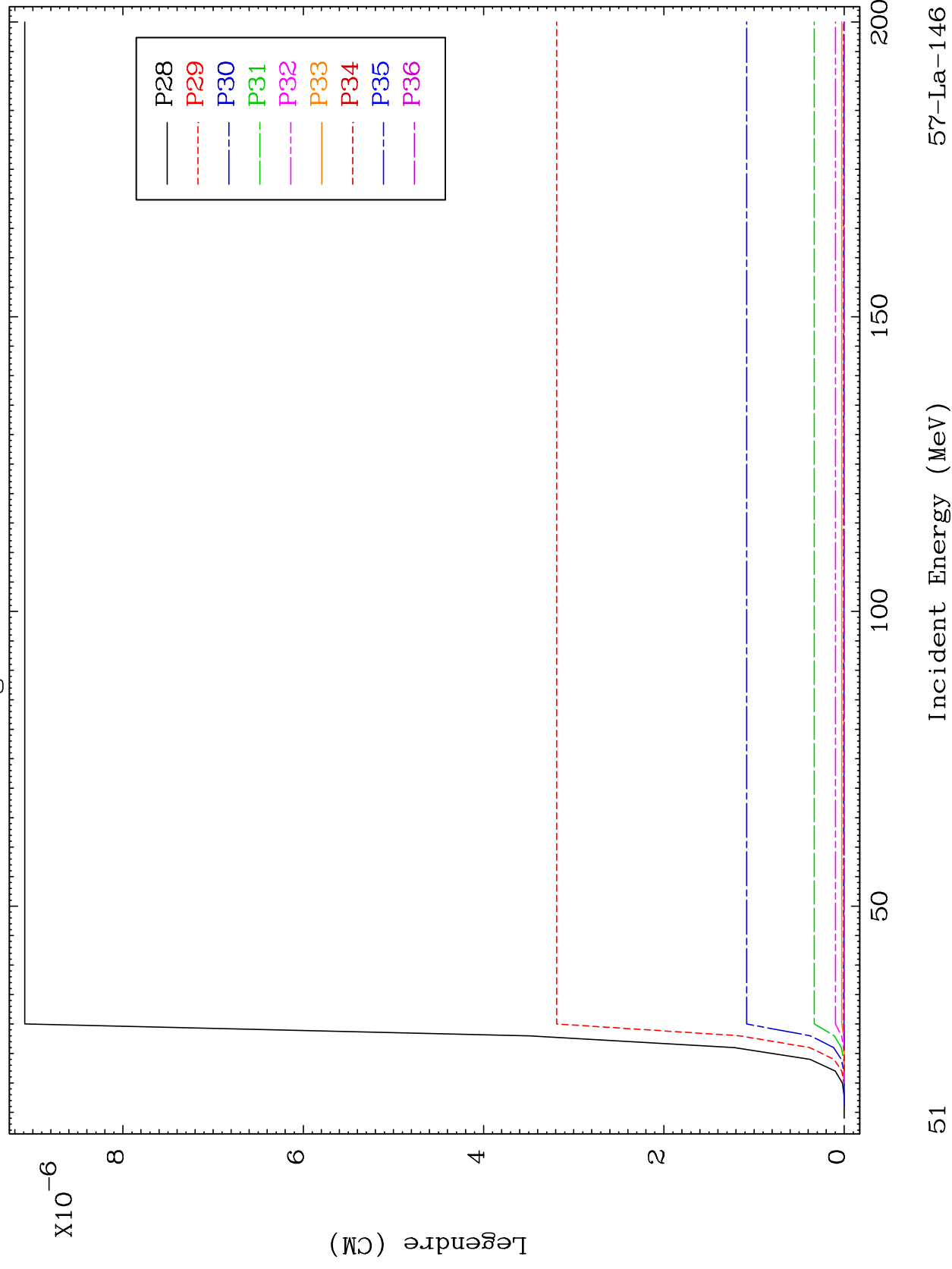
Incident Energy (MeV)

50

MAT 5749

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

57-La-146



51

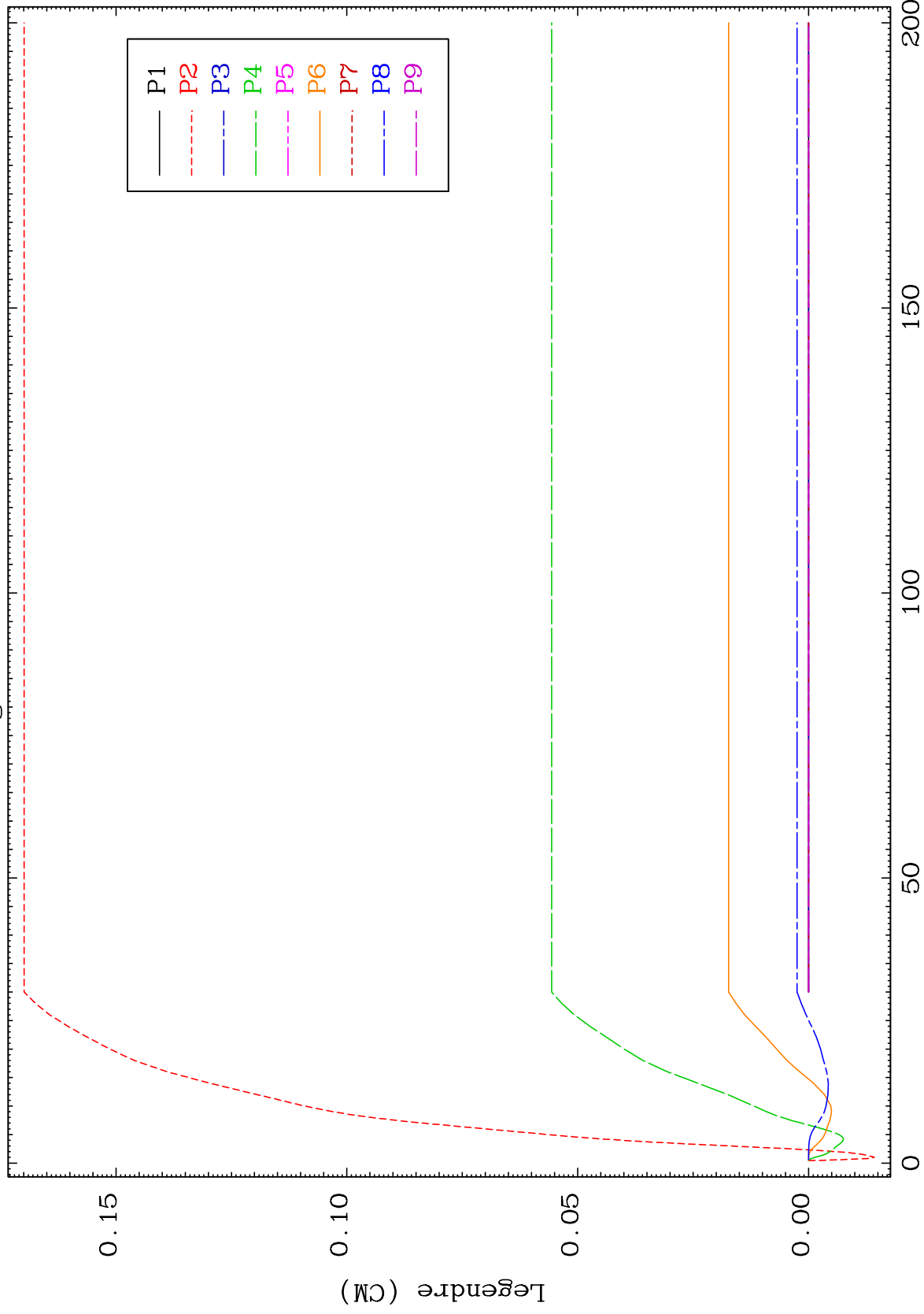
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



52

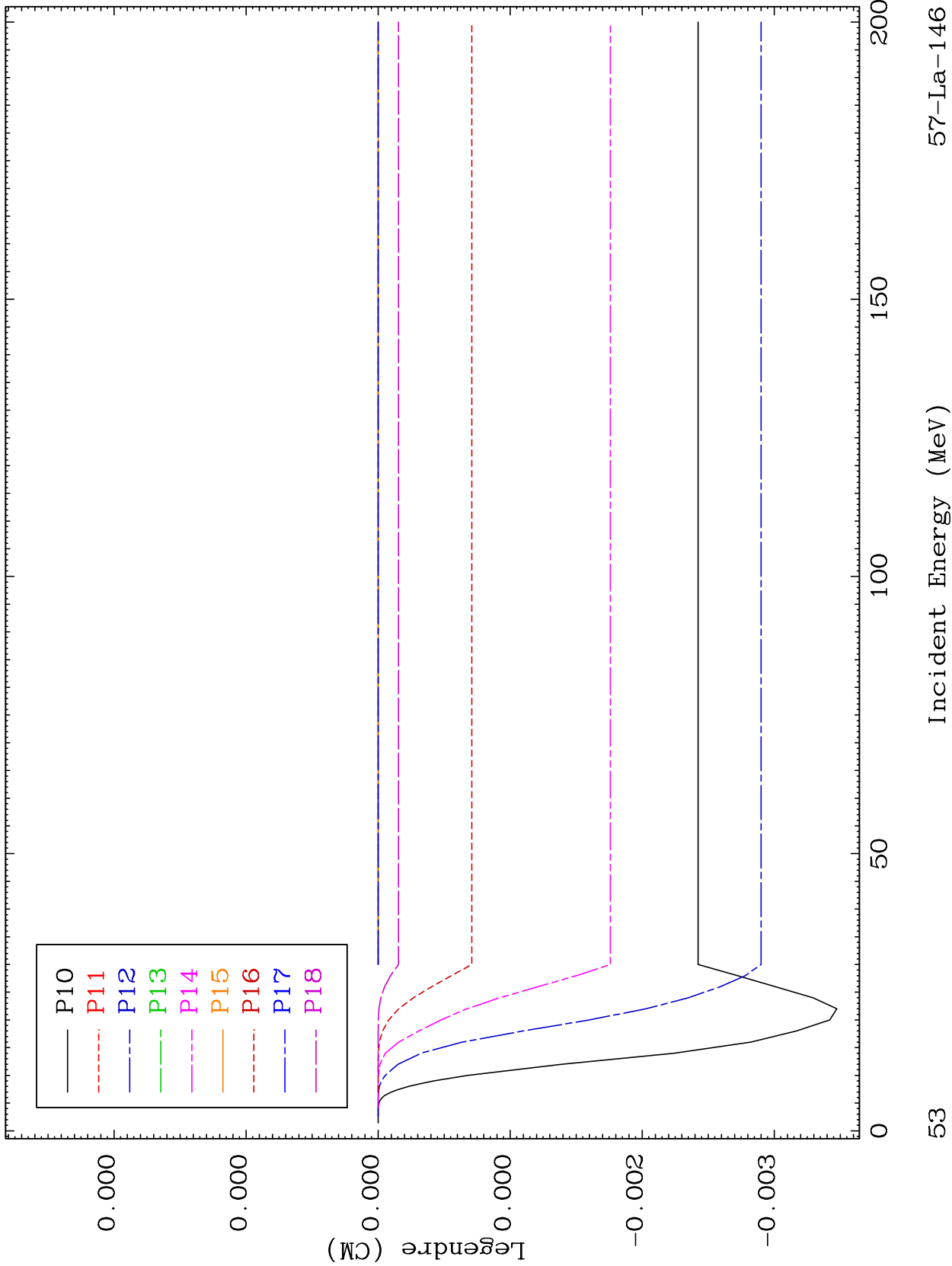
Incident Energy (MeV)

57-La-146

MAT 5749

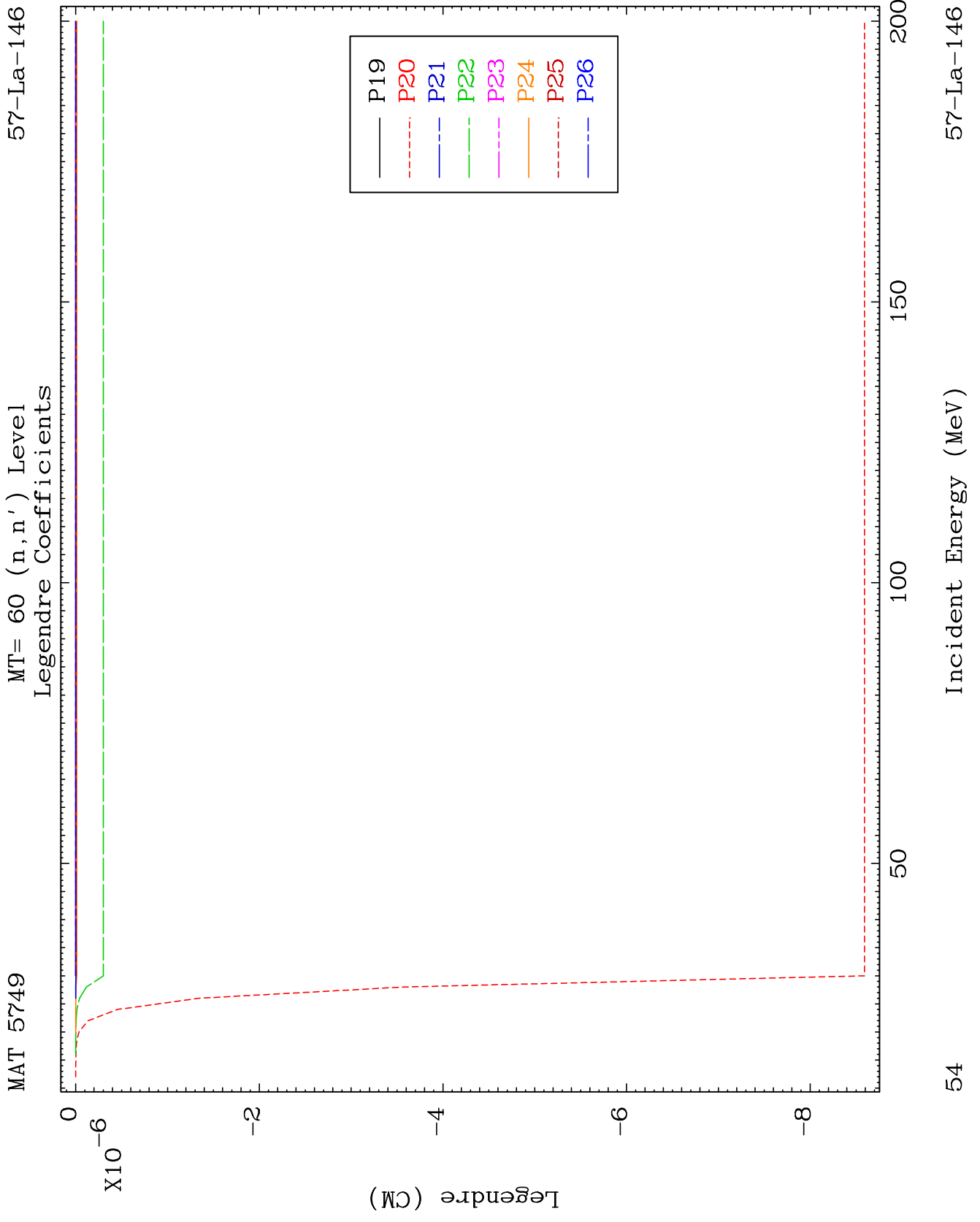
MT= 60 (n,n') Level
Legendre Coefficients

57-La-146



53

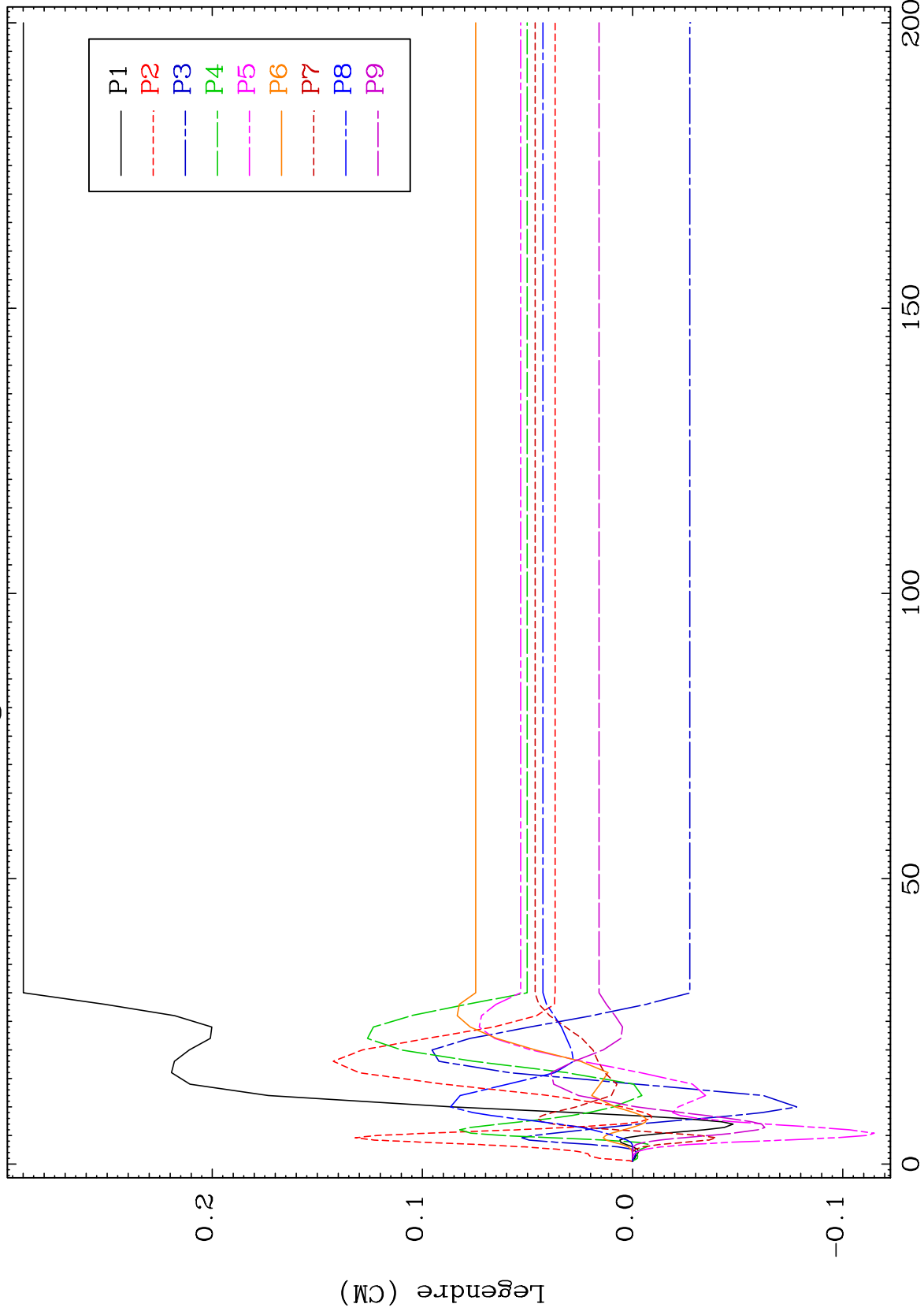
57-La-146



MAT 5749

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

57-La-146



55

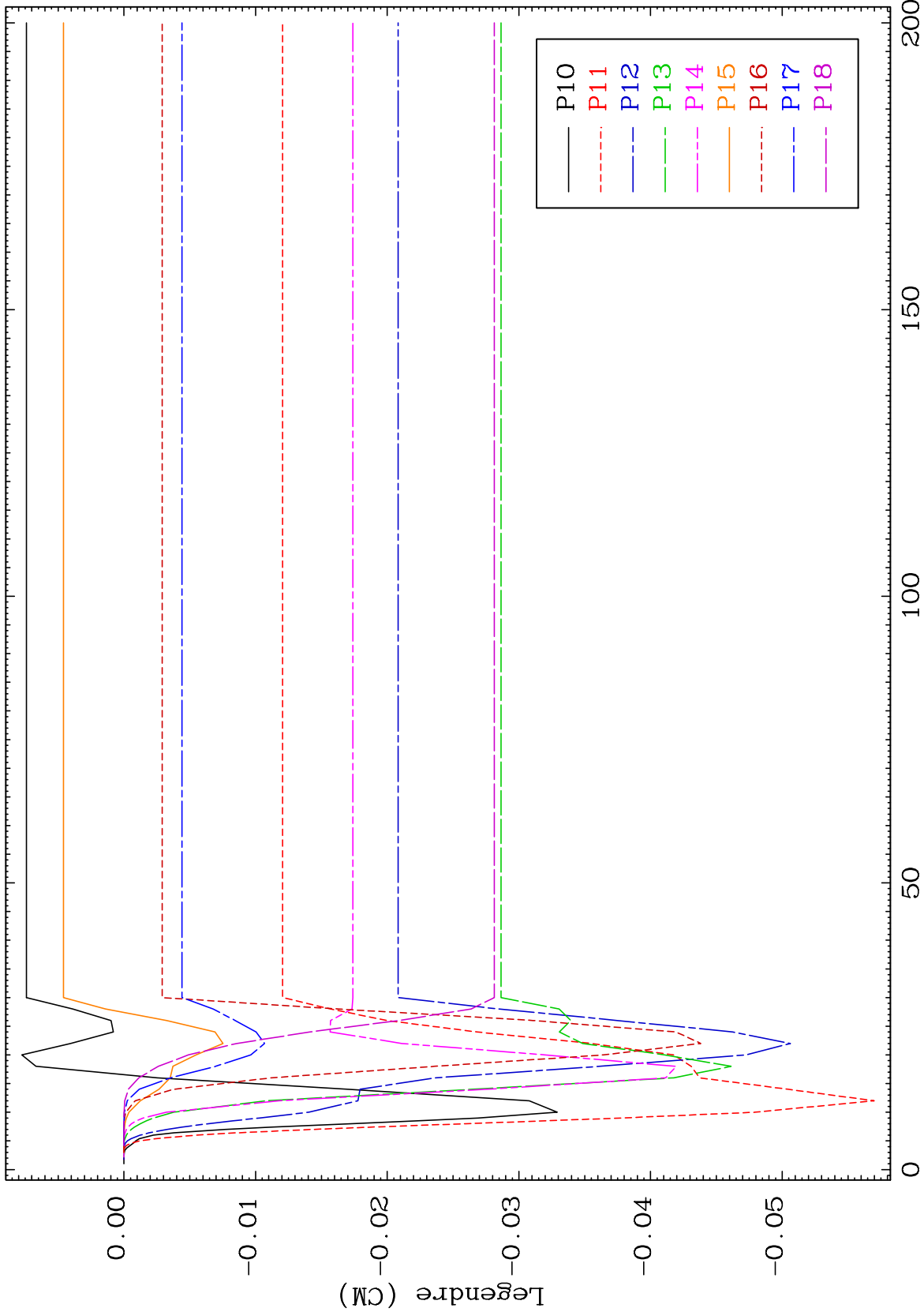
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



56

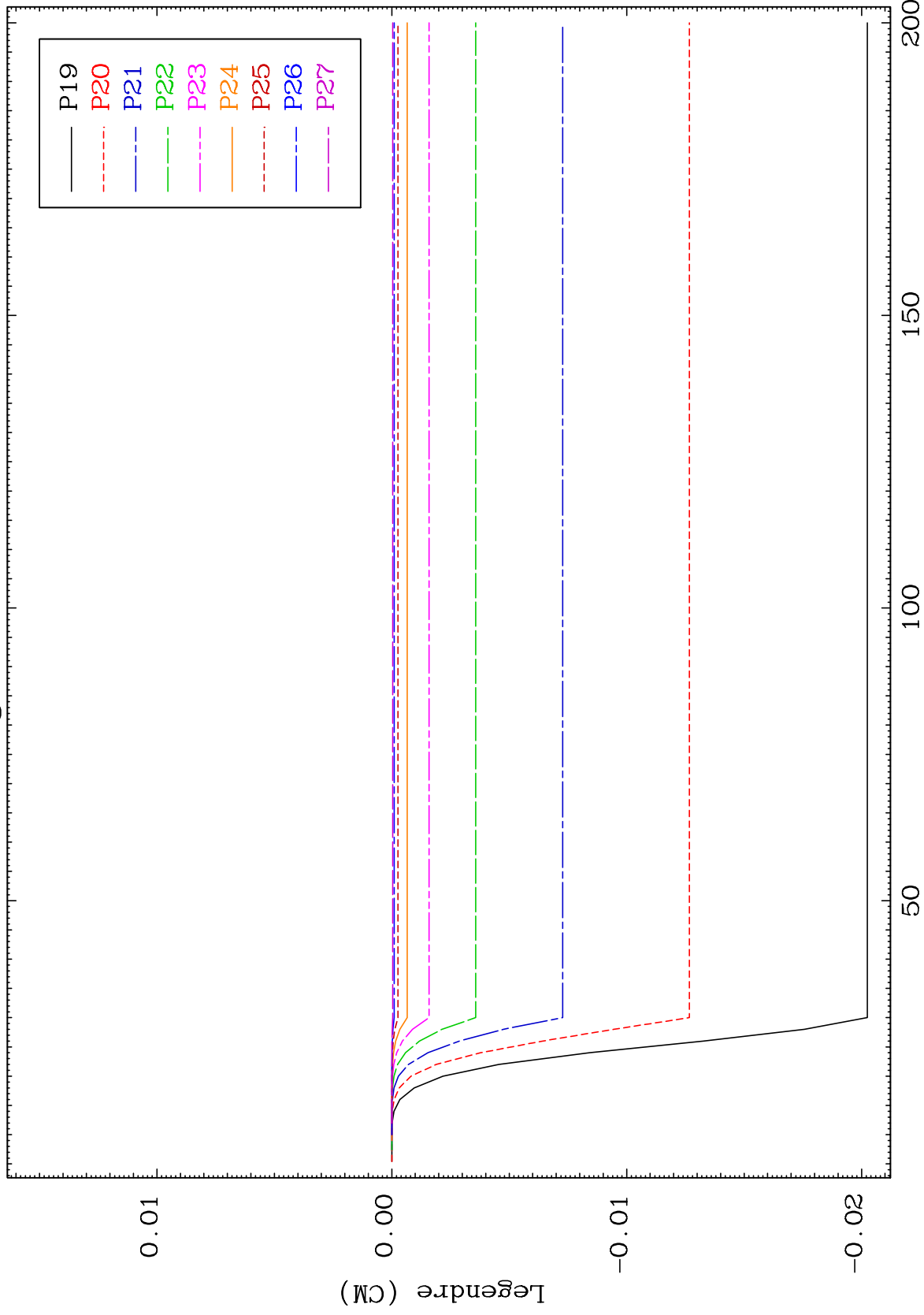
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



57

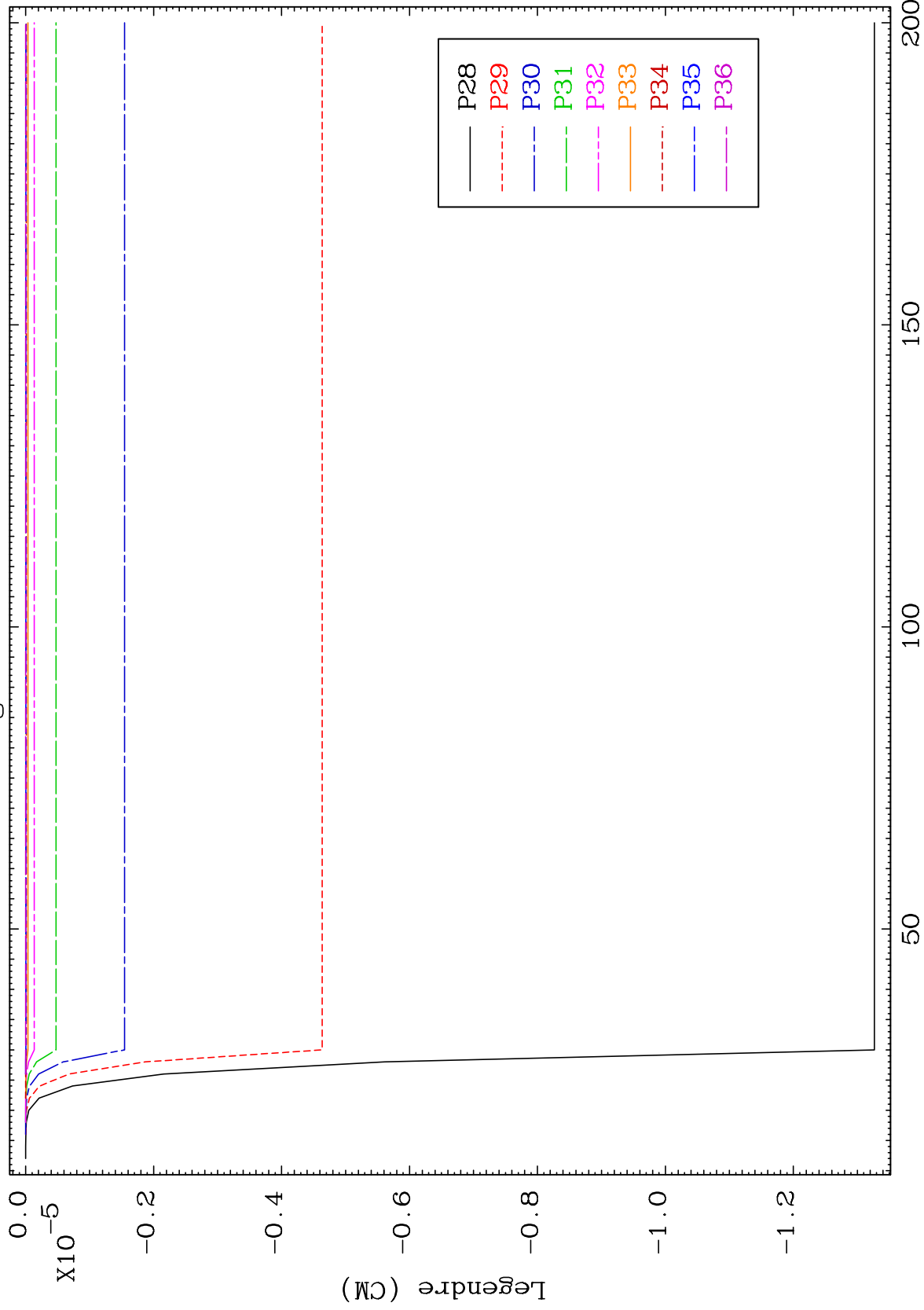
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



58

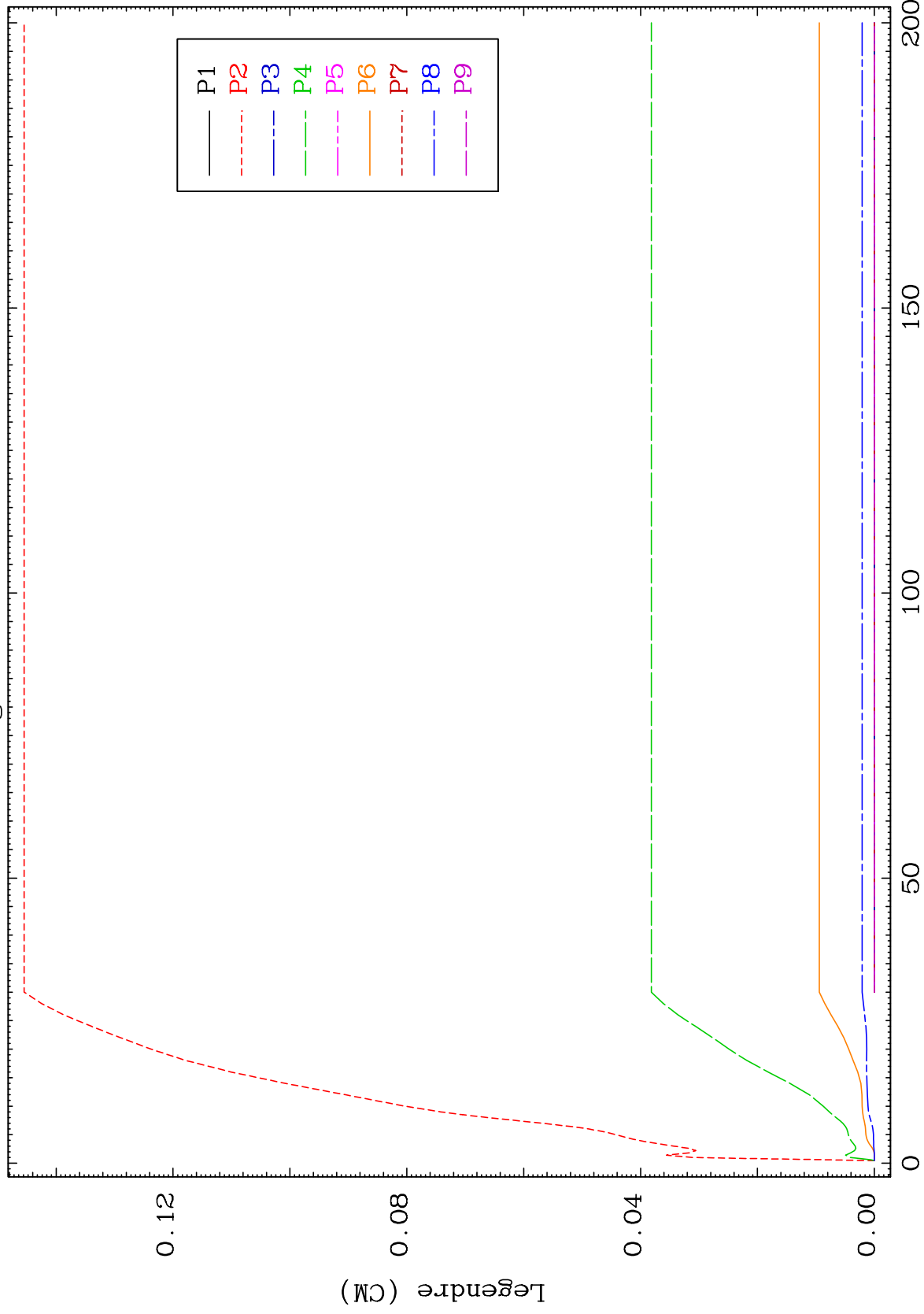
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



59

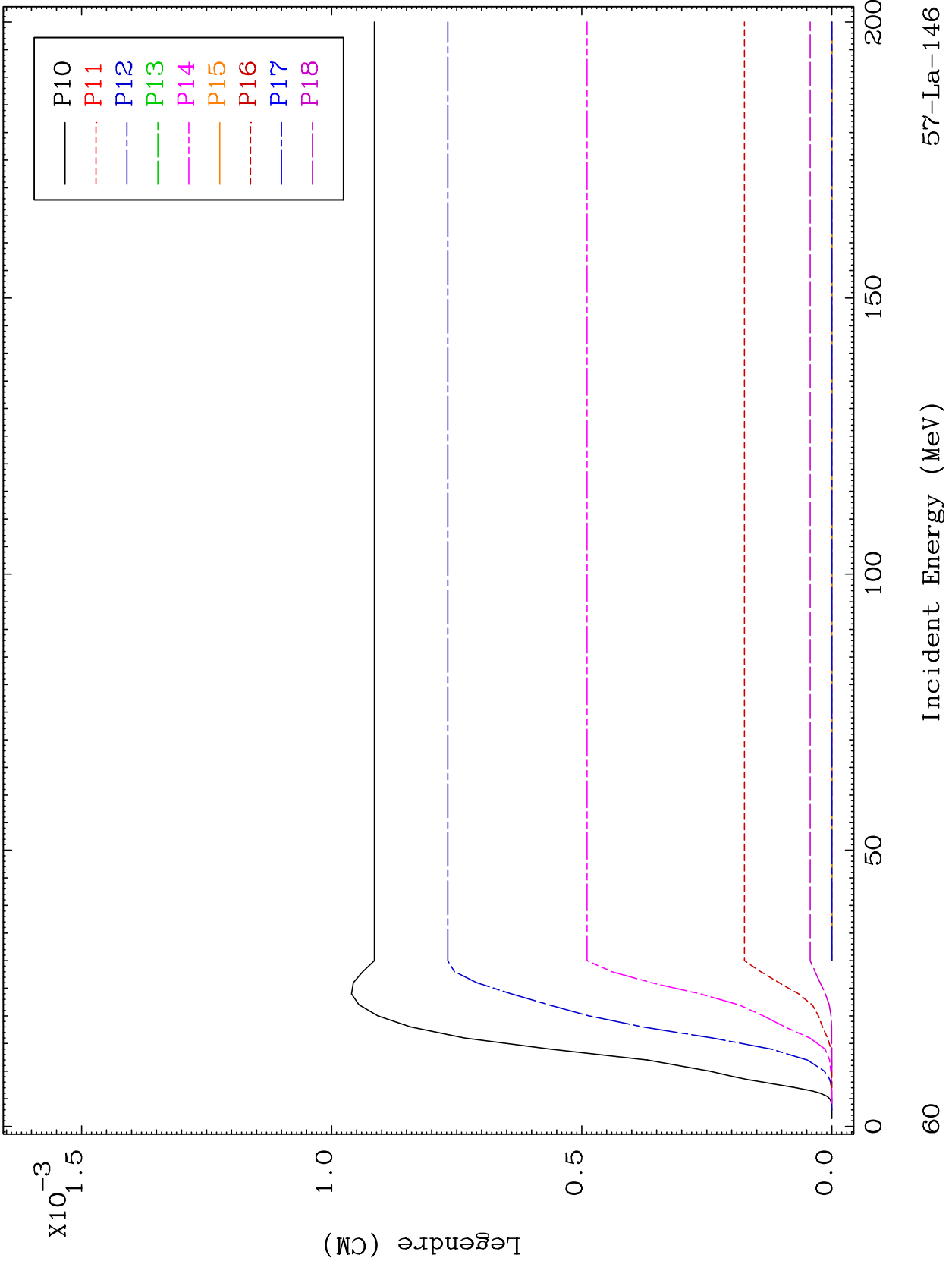
Incident Energy (MeV)

57-La-146

MAT 5749

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

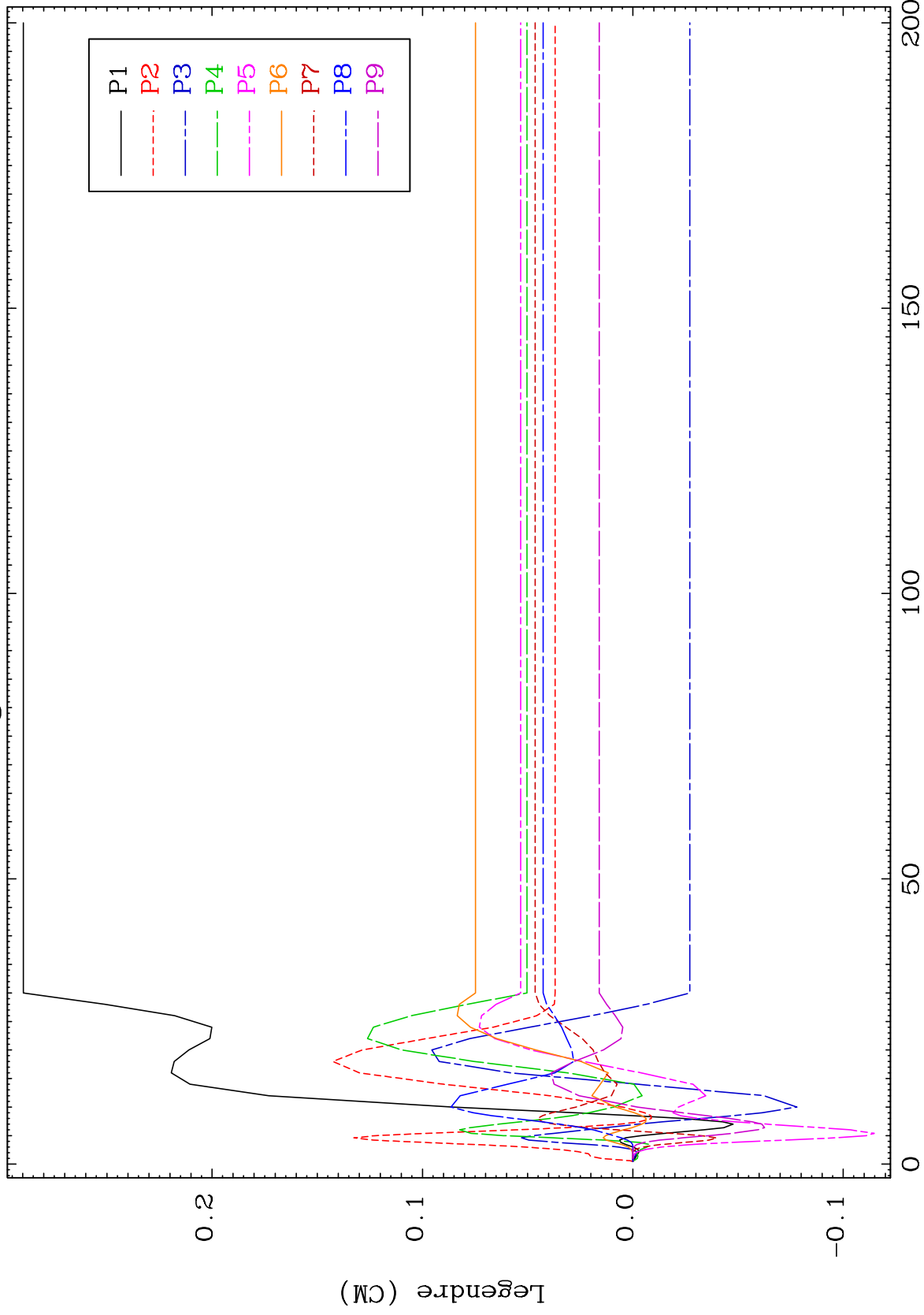
57-La-146



MAT 5749

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

57-La-146



62

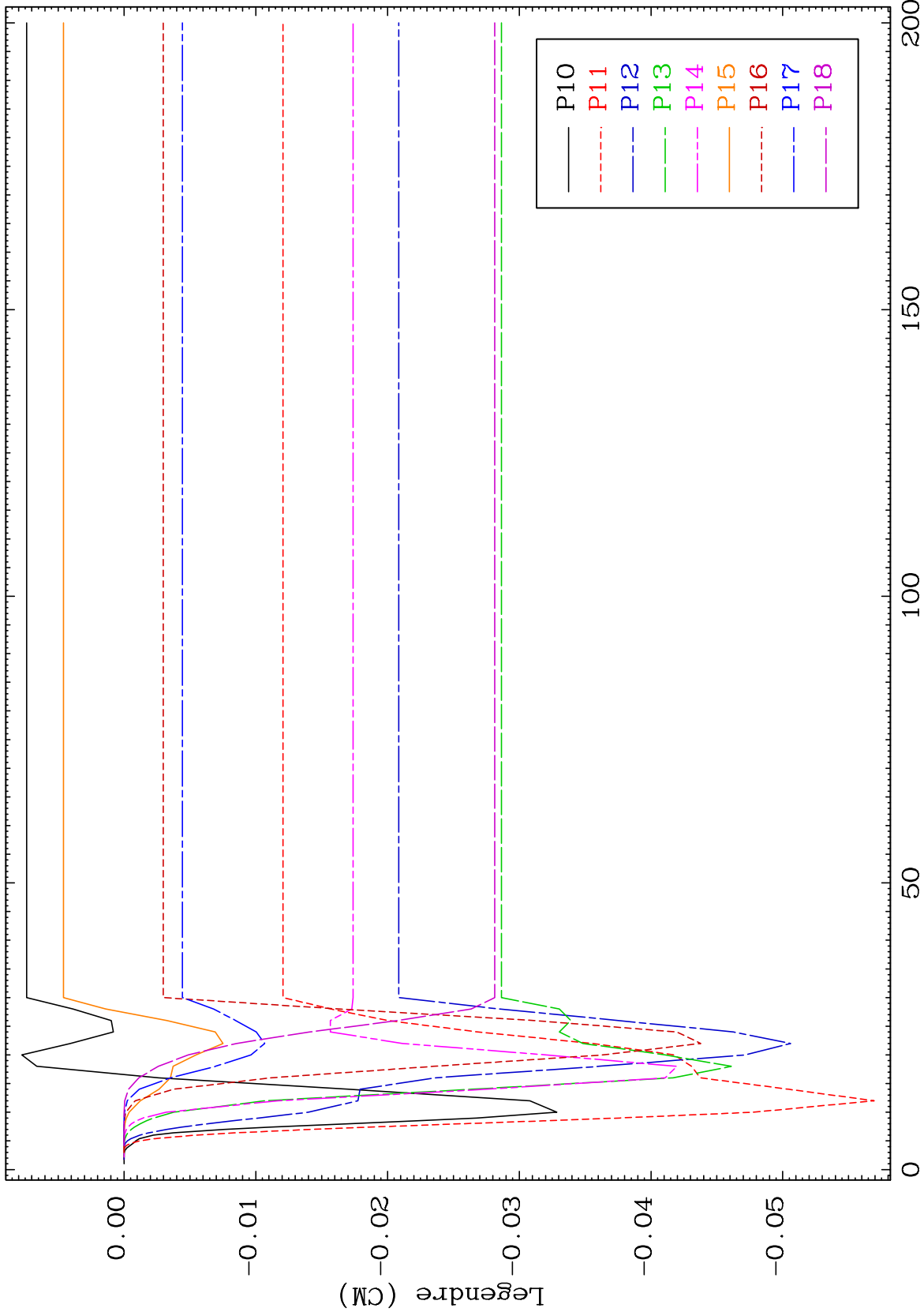
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



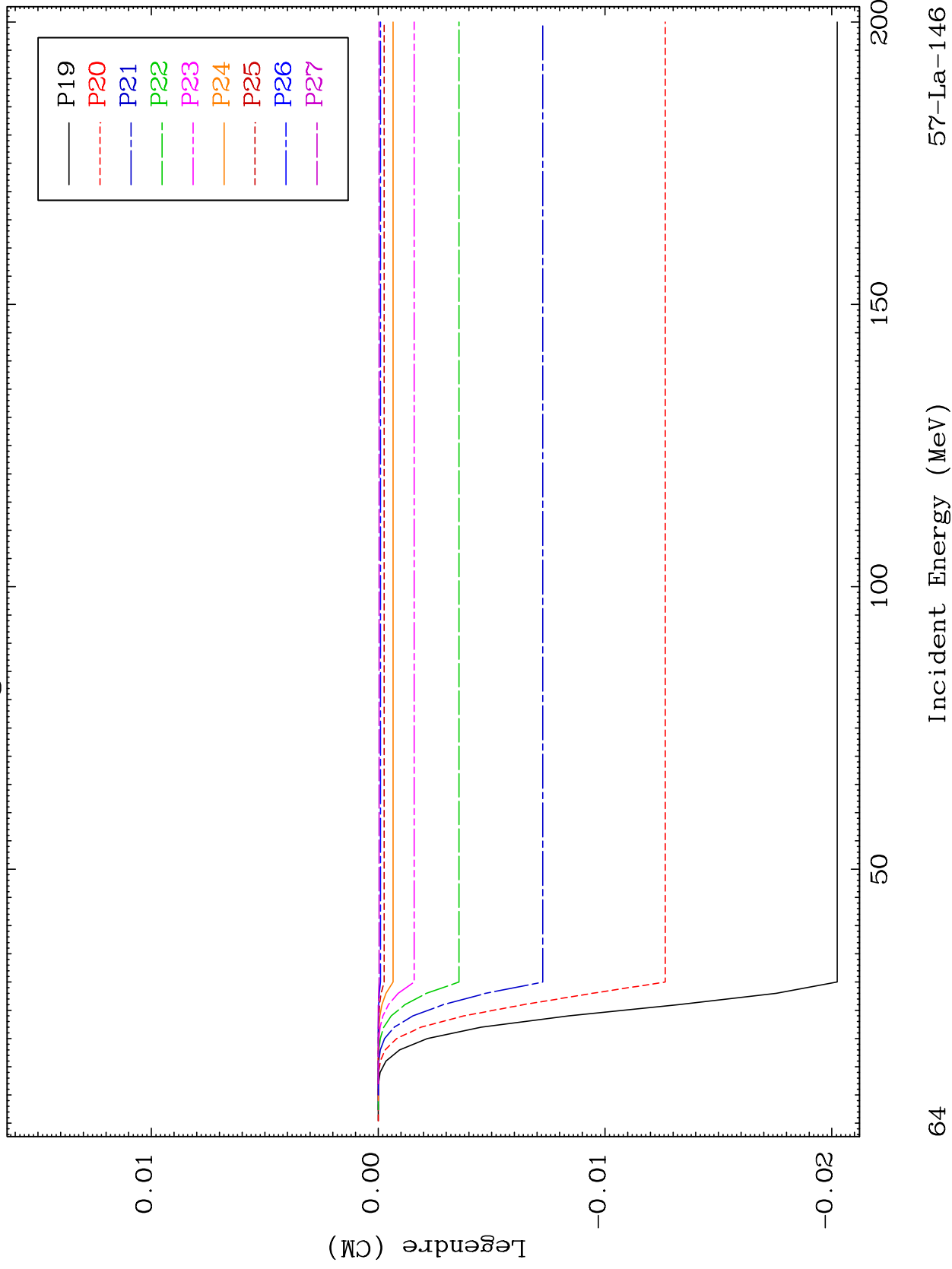
63

57-La-146

MAT 5749

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

57-La-146



57-La-146

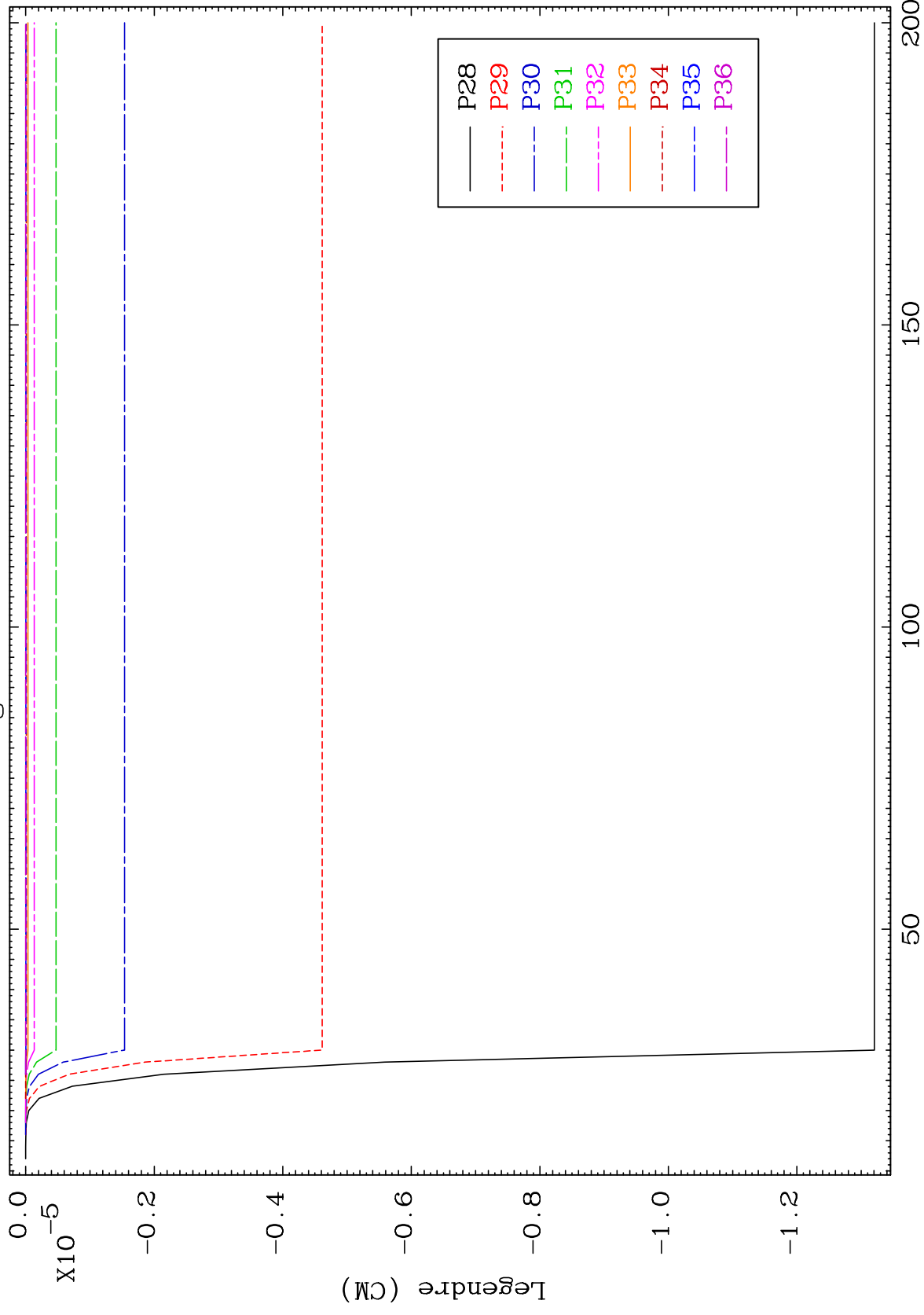
Incident Energy (MeV)

64

MAT 5749

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

57-La-146



65

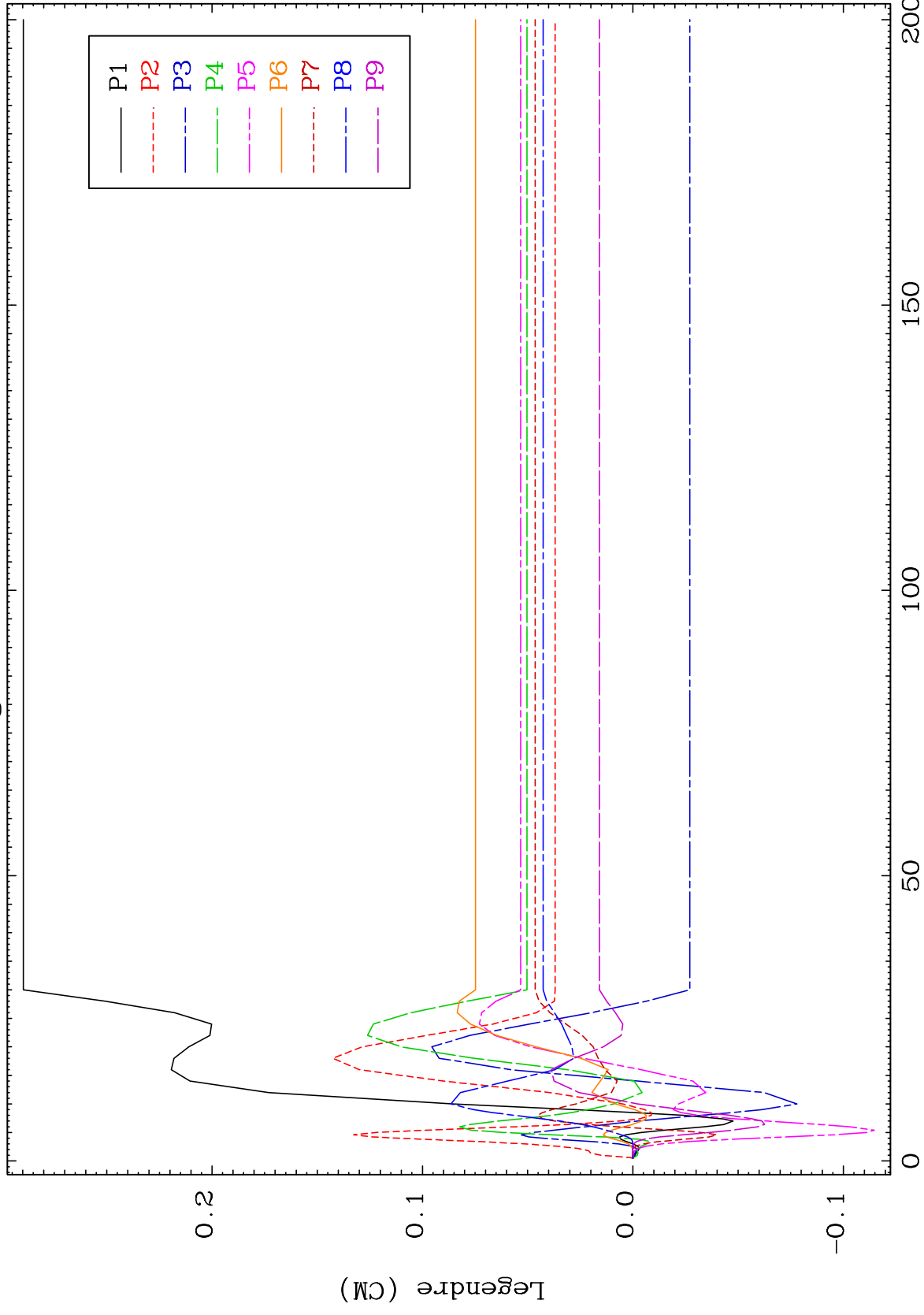
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



66

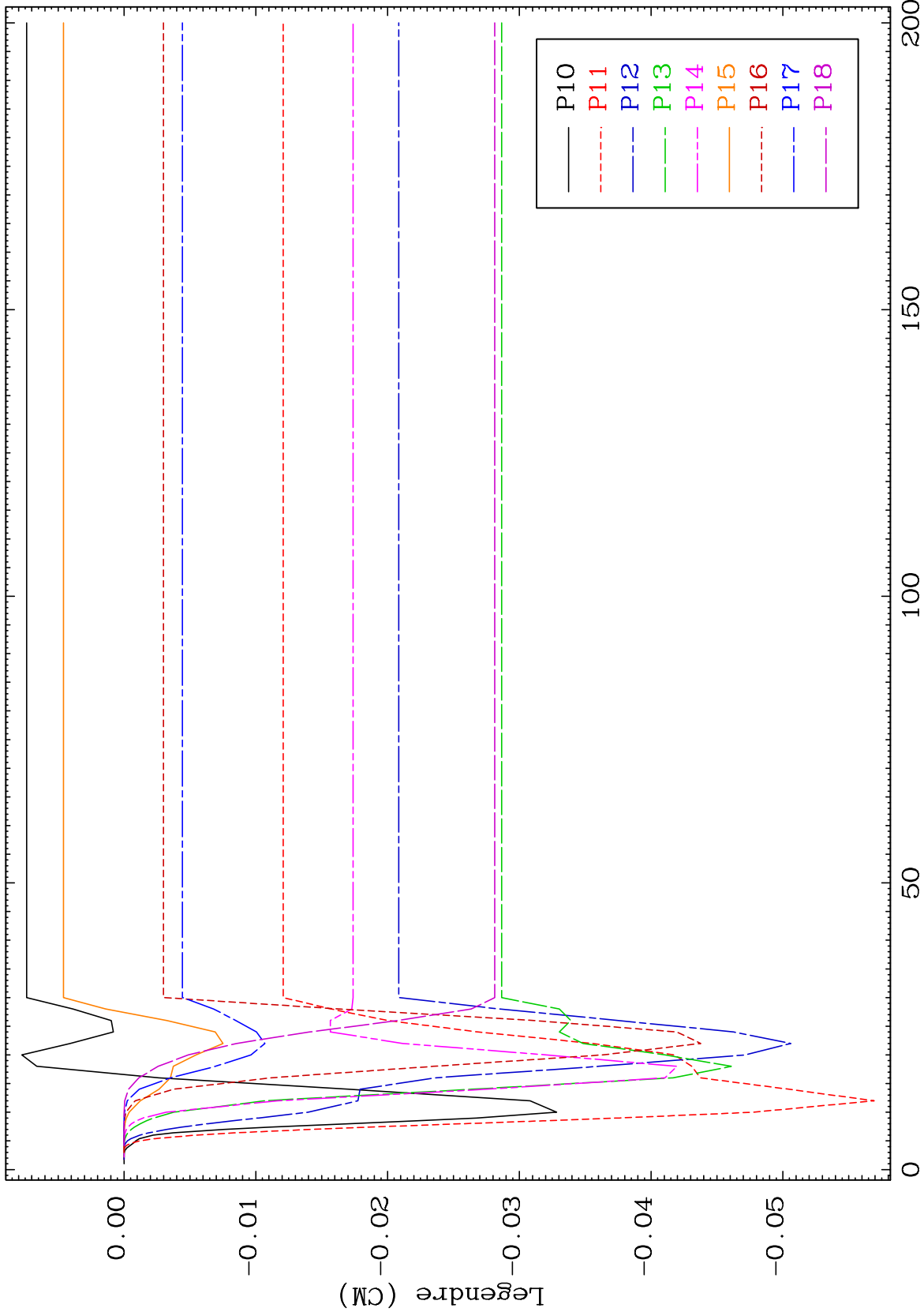
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



67

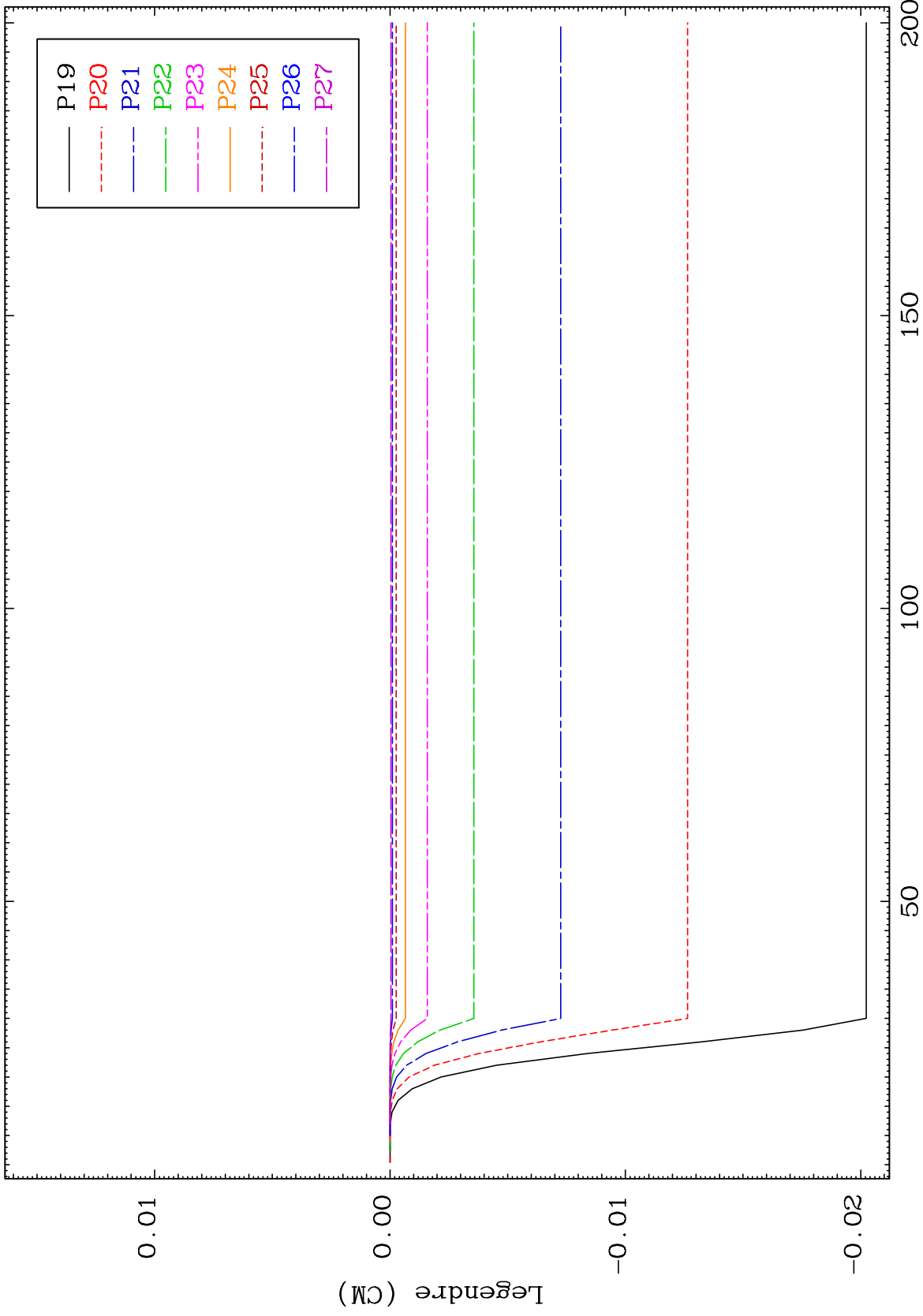
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



68

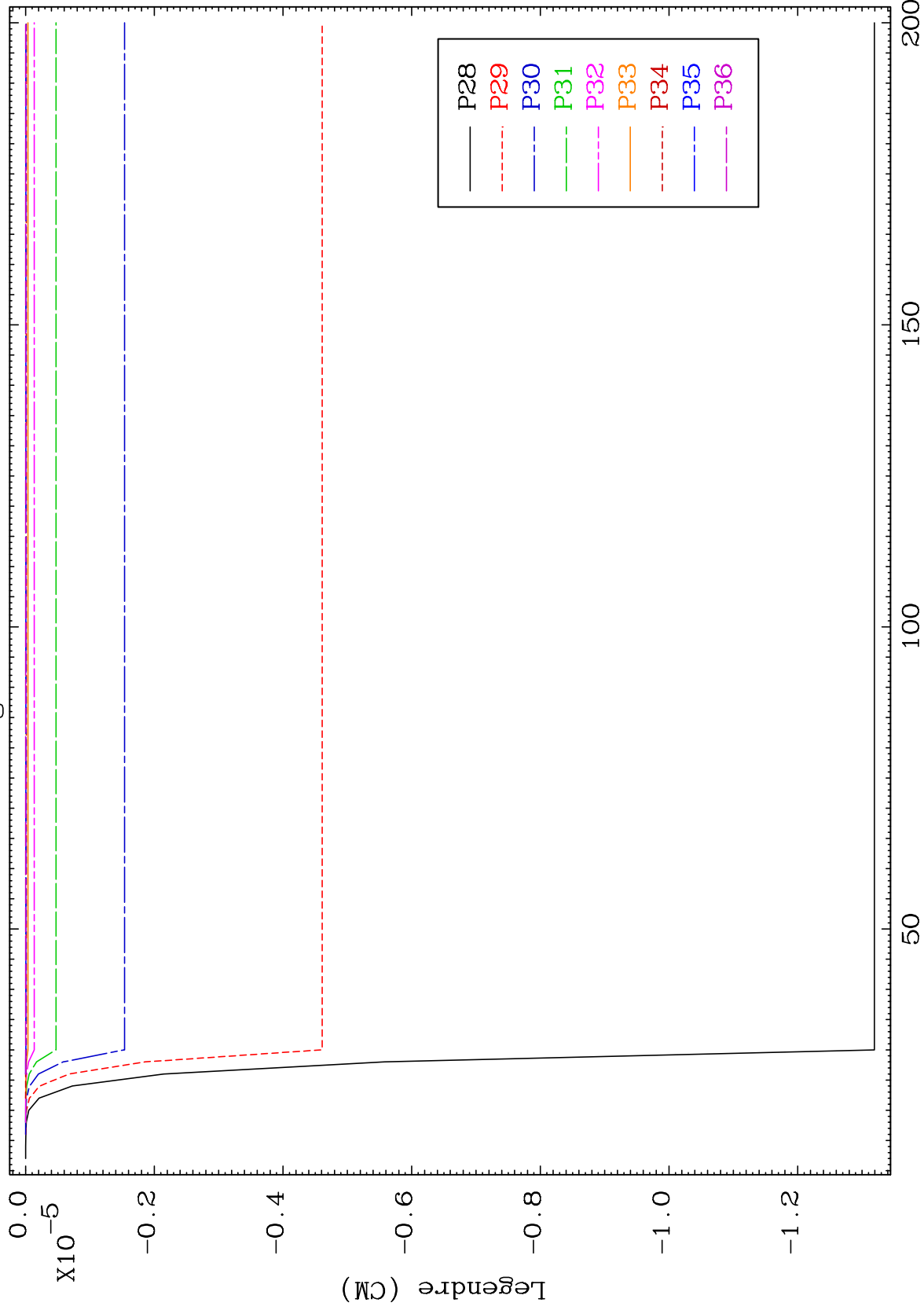
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



69

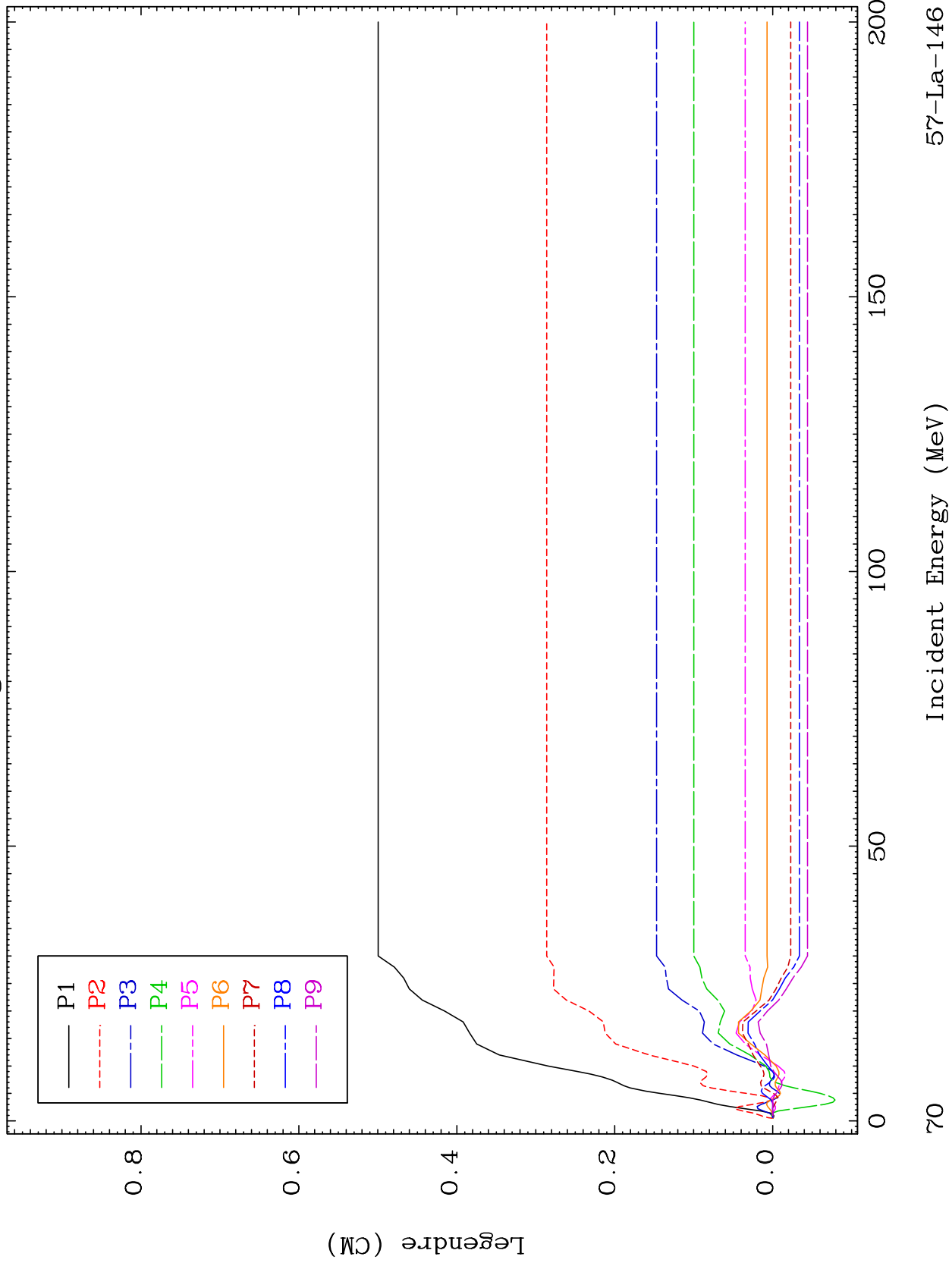
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



57-La-146

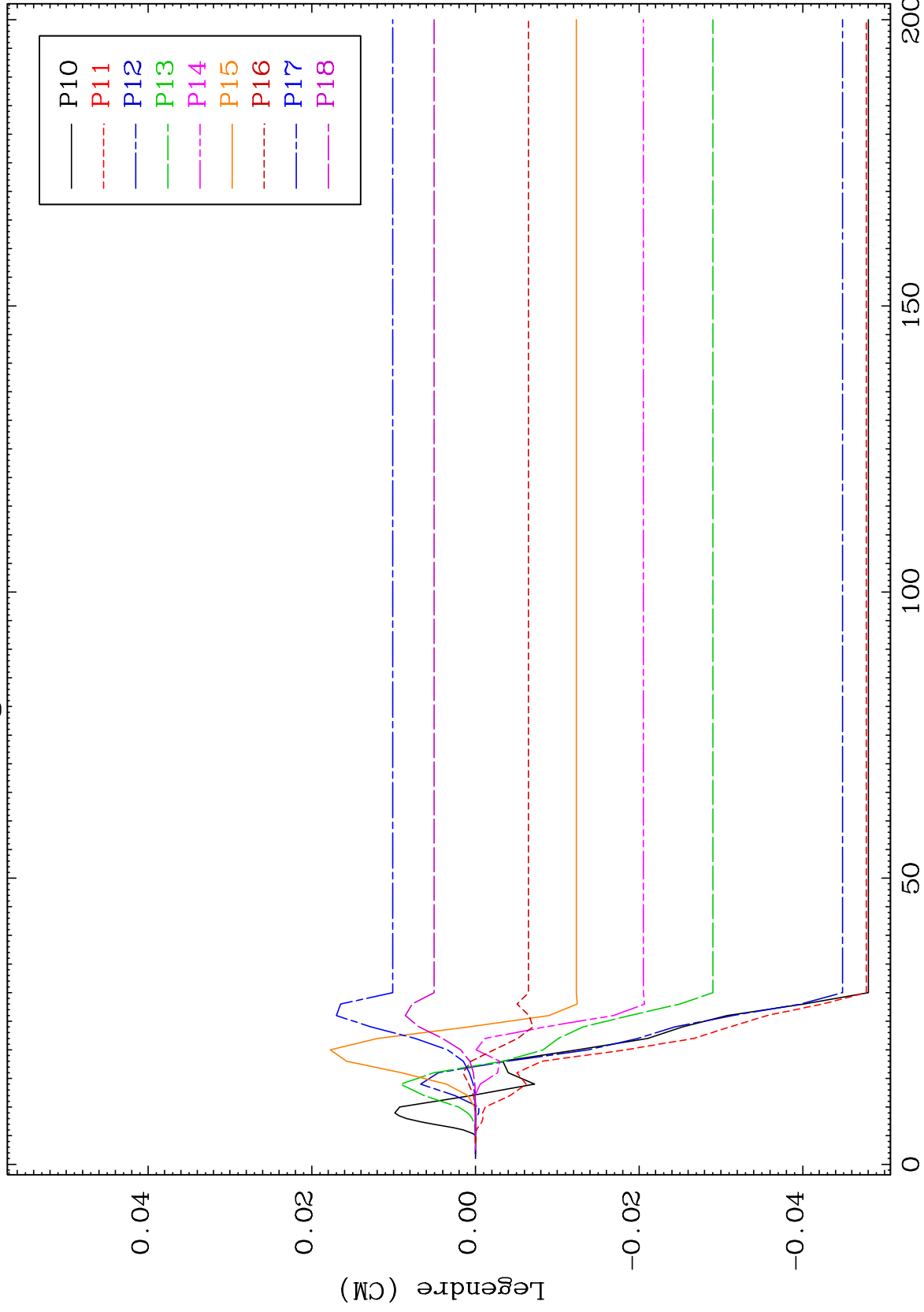
Incident Energy (MeV)

70

MAT 5749

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

57-La-146



71

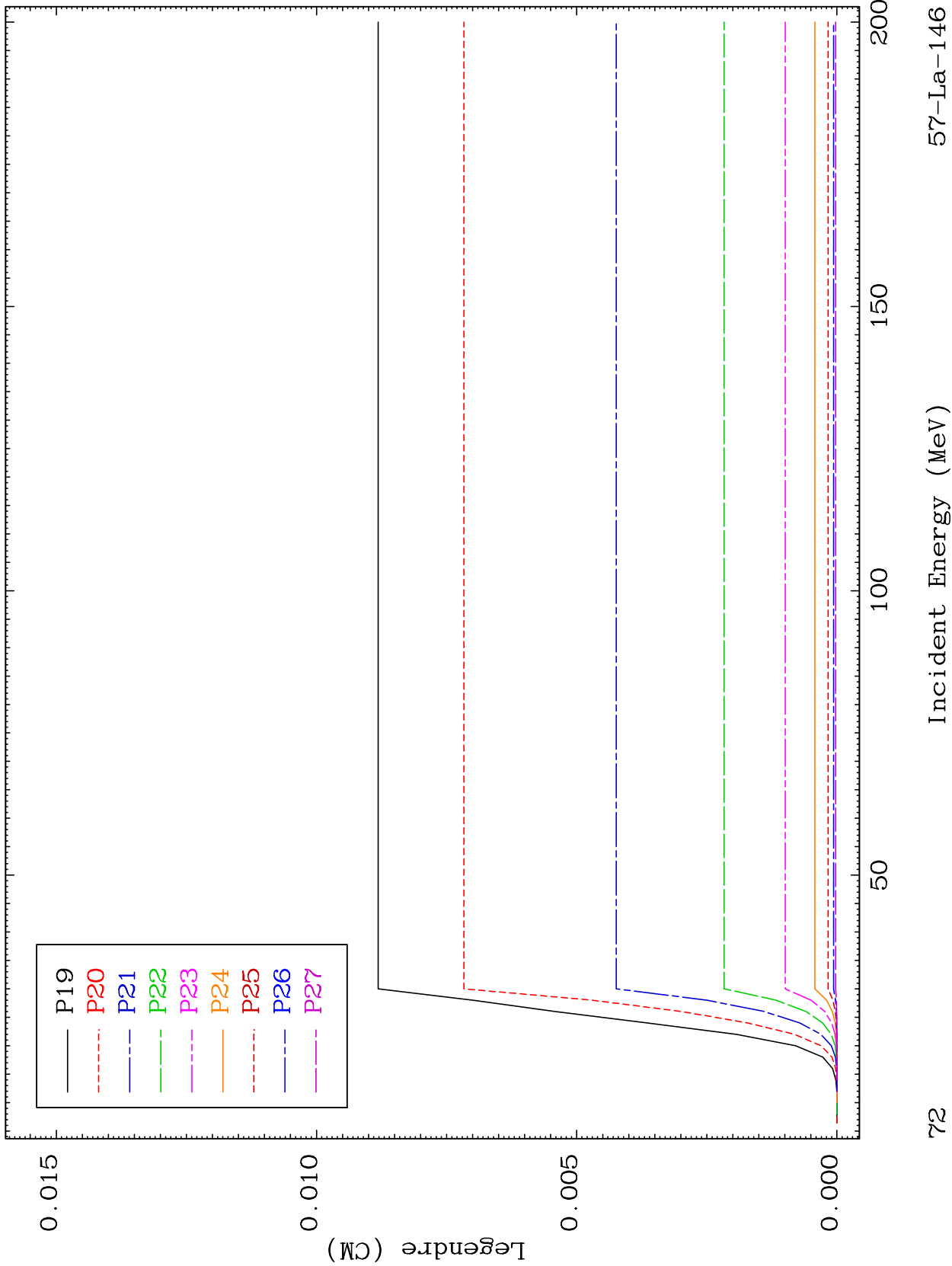
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



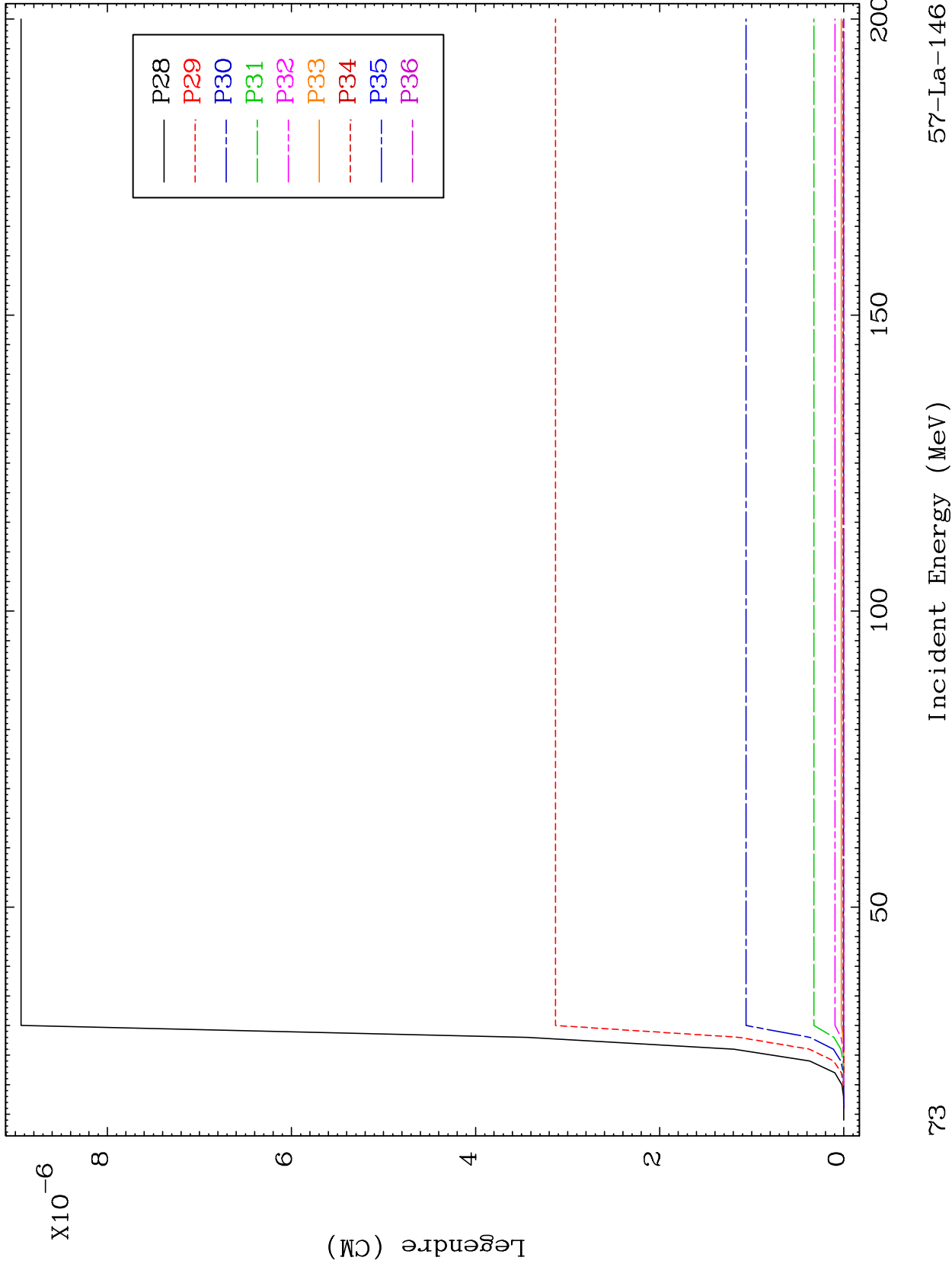
72

57-La-146

MAT 5749

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

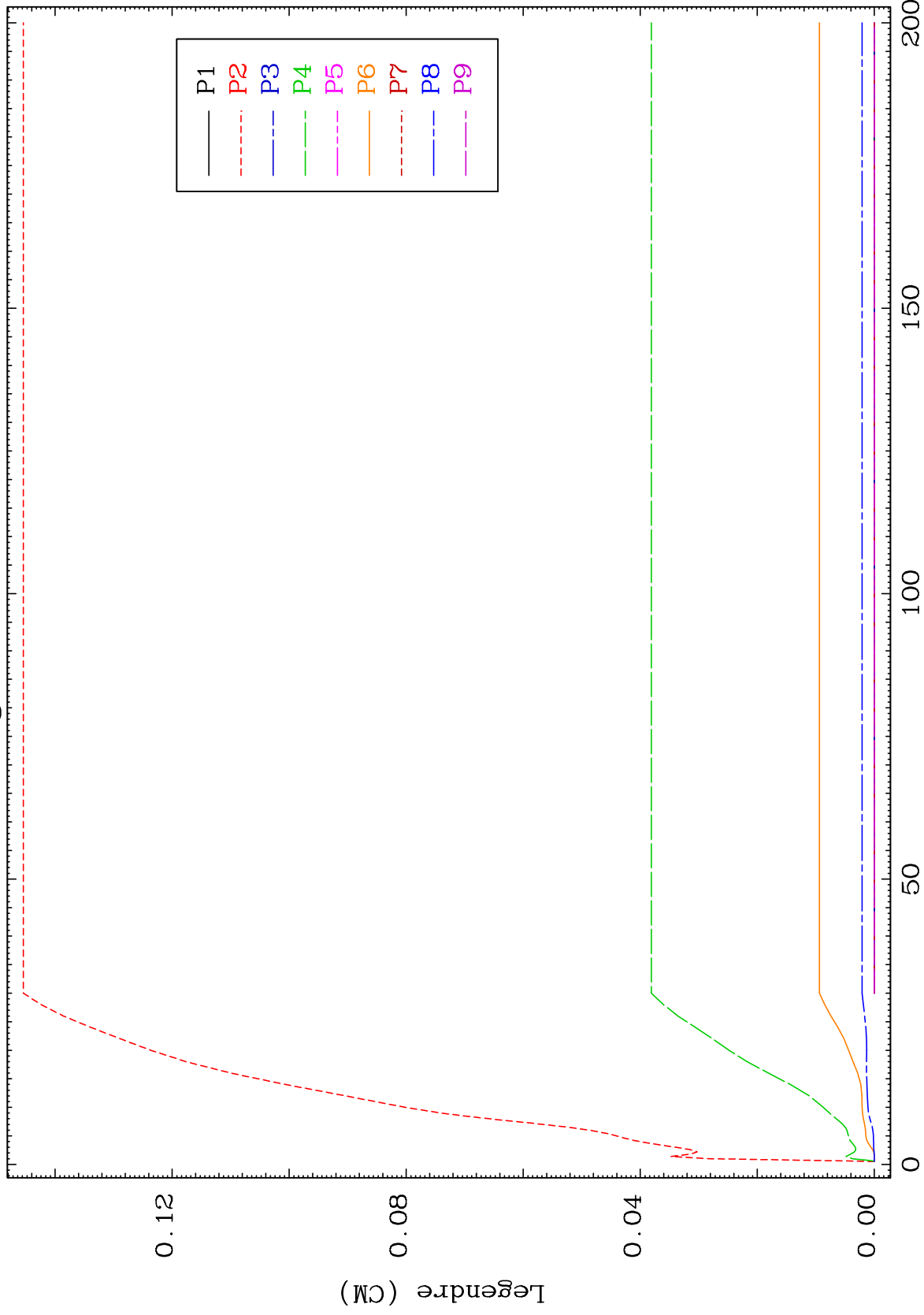
57-La-146



MAT 5749

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

57-La-146



74

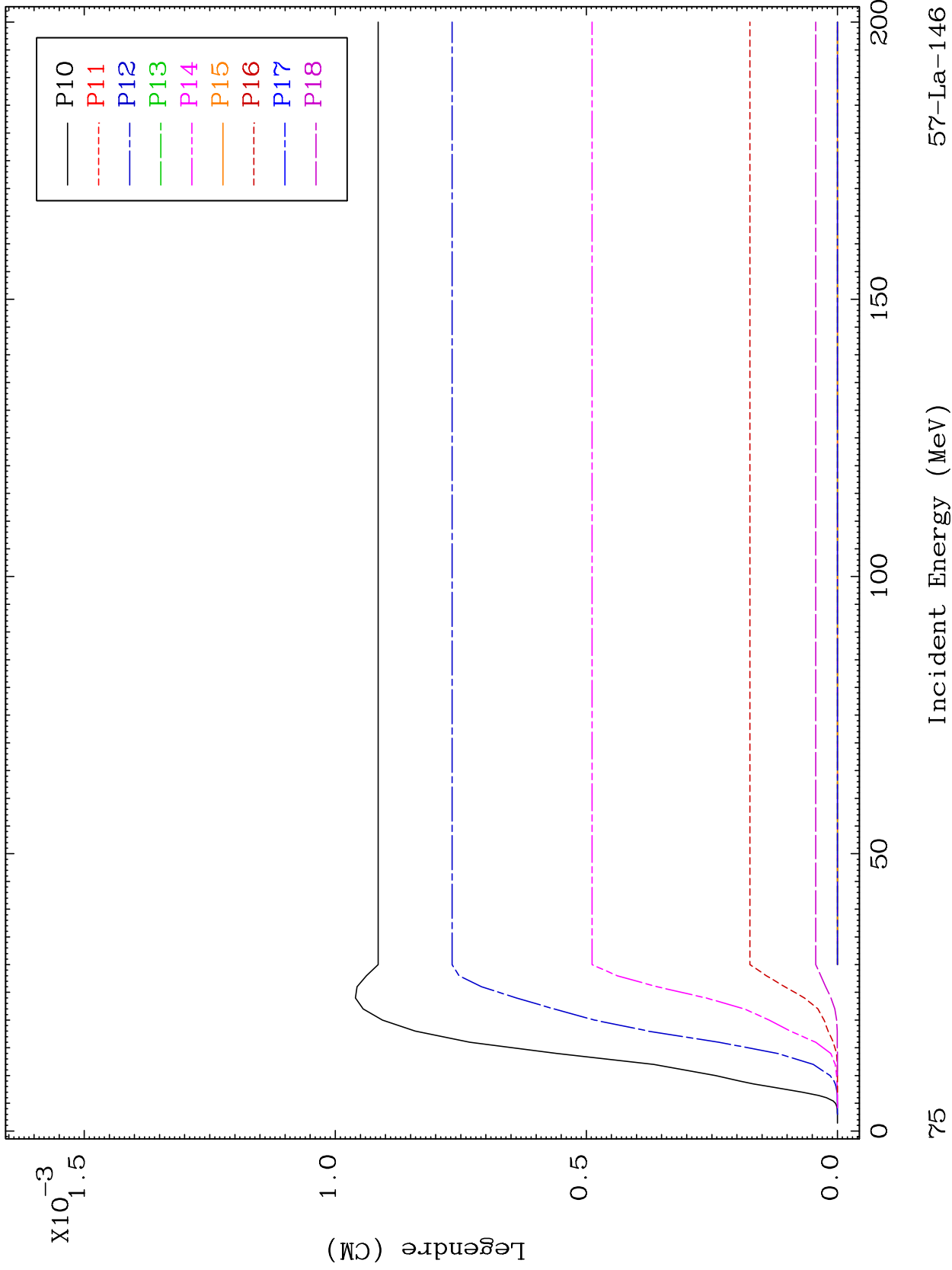
Incident Energy (MeV)

57-La-146

MAT 5749

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

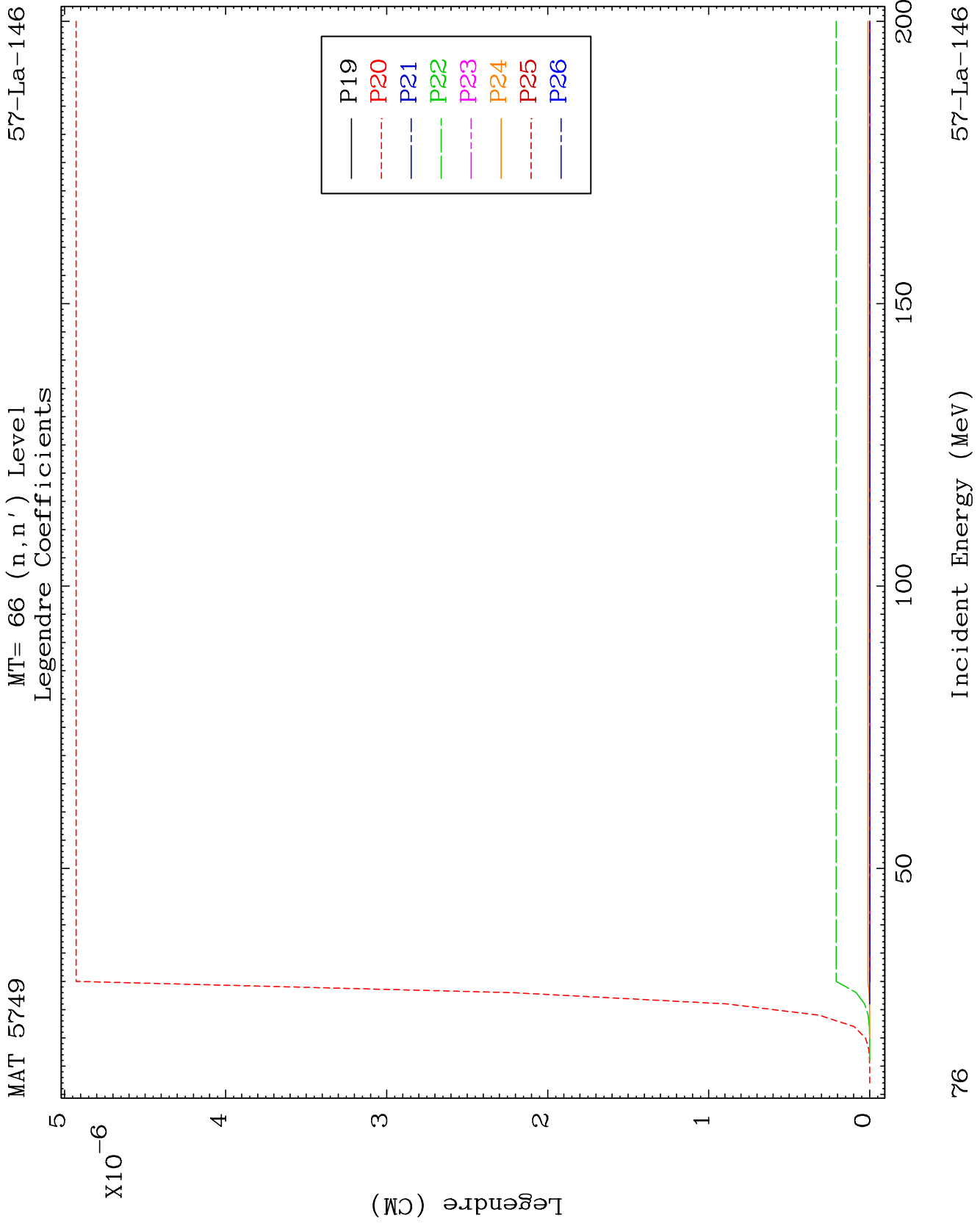
57-La-146



57-La-146

Incident Energy (MeV)

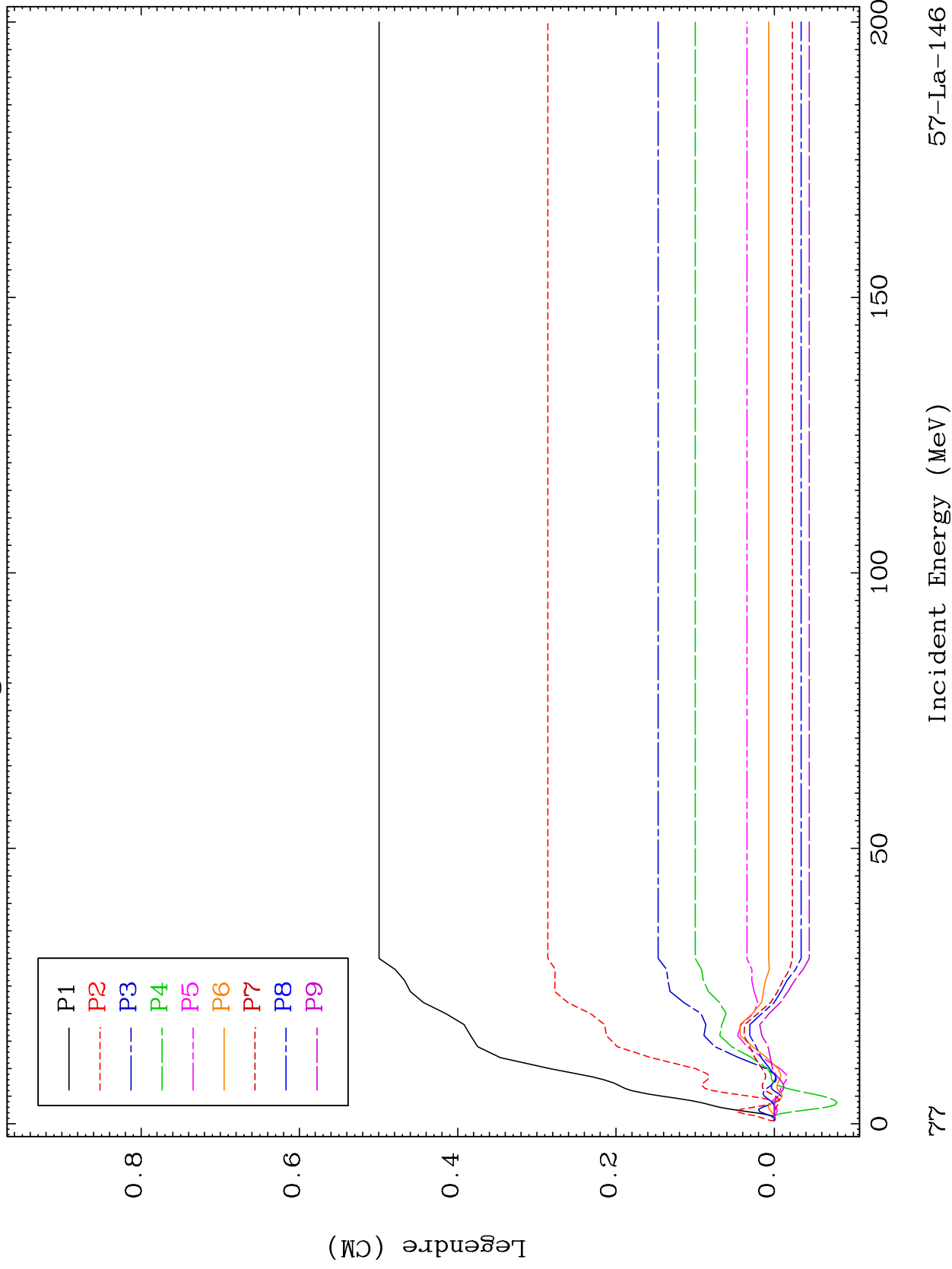
75



MAT 5749

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

57-La-146



57-La-146

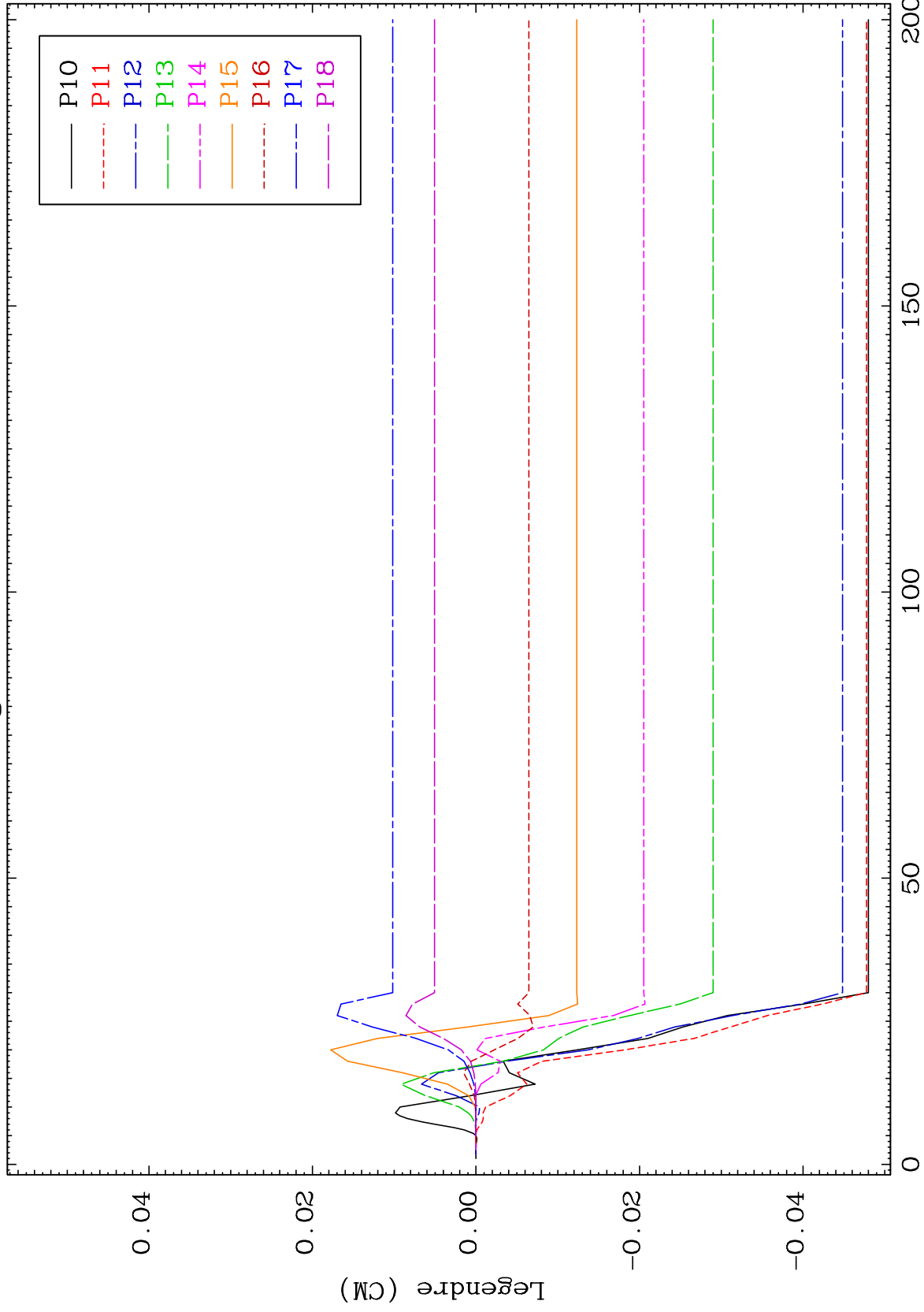
Incident Energy (MeV)

77

MAT 5749

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

57-La-146



78

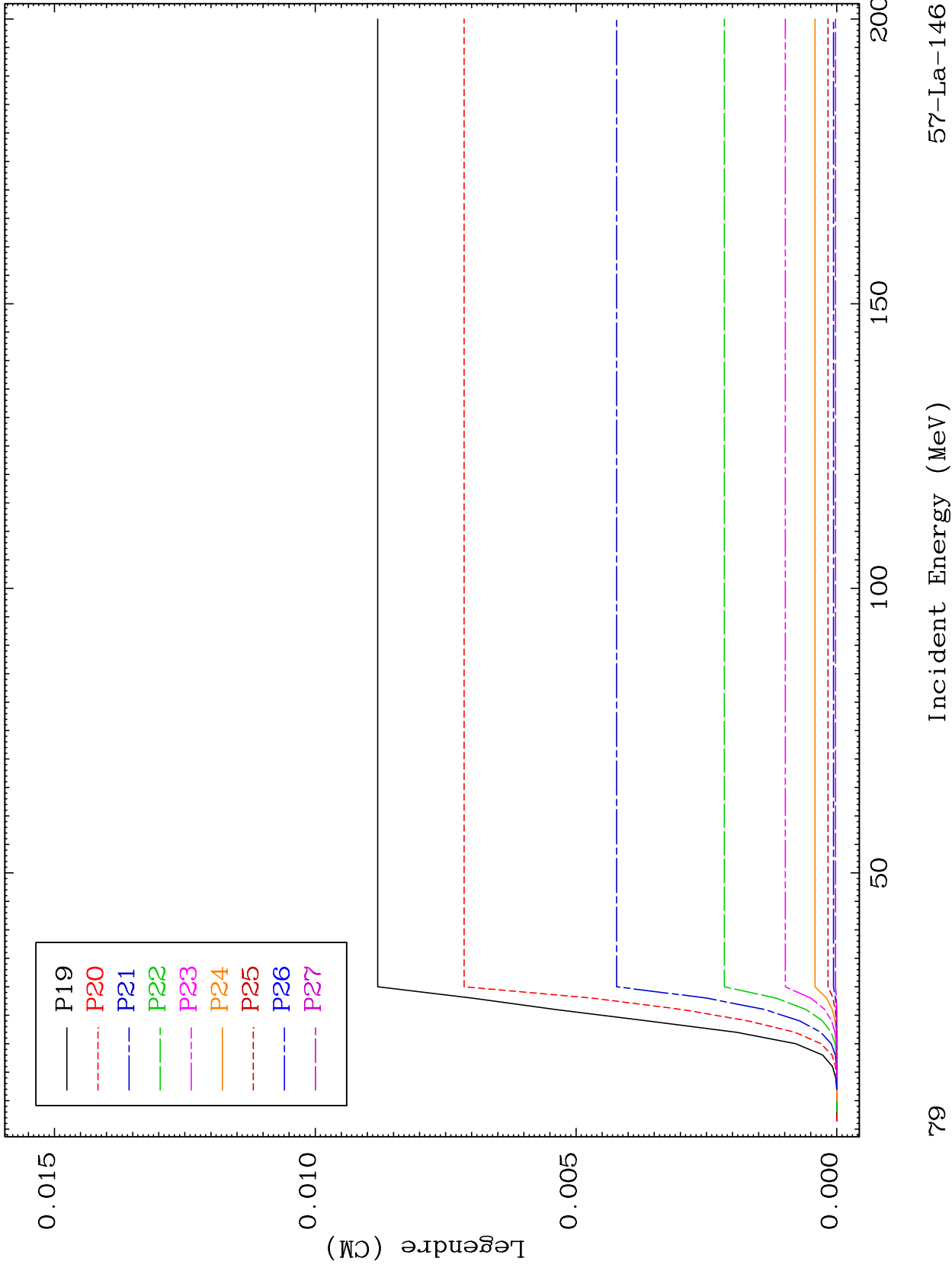
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



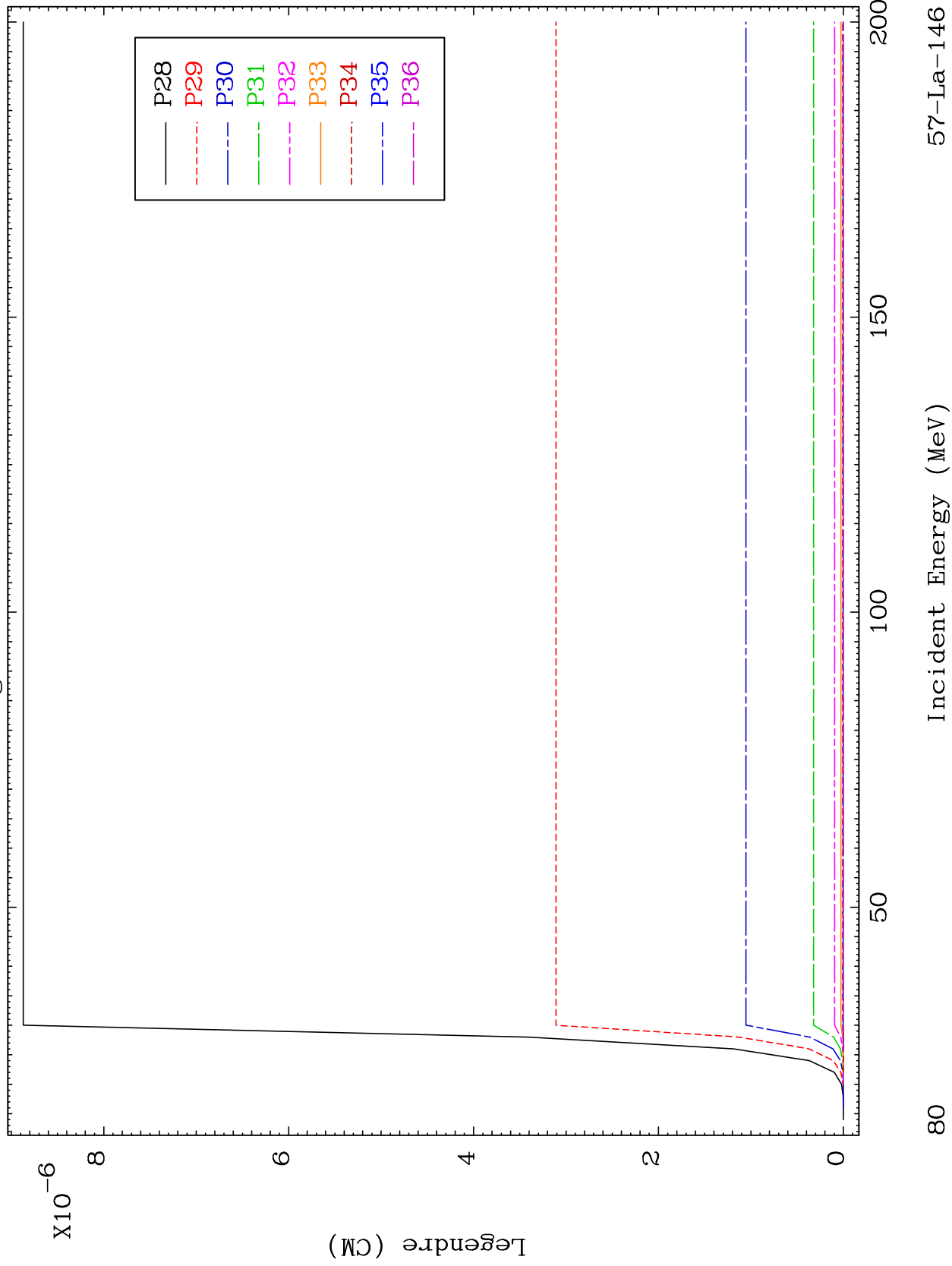
79

57-La-146

MAT 5749

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

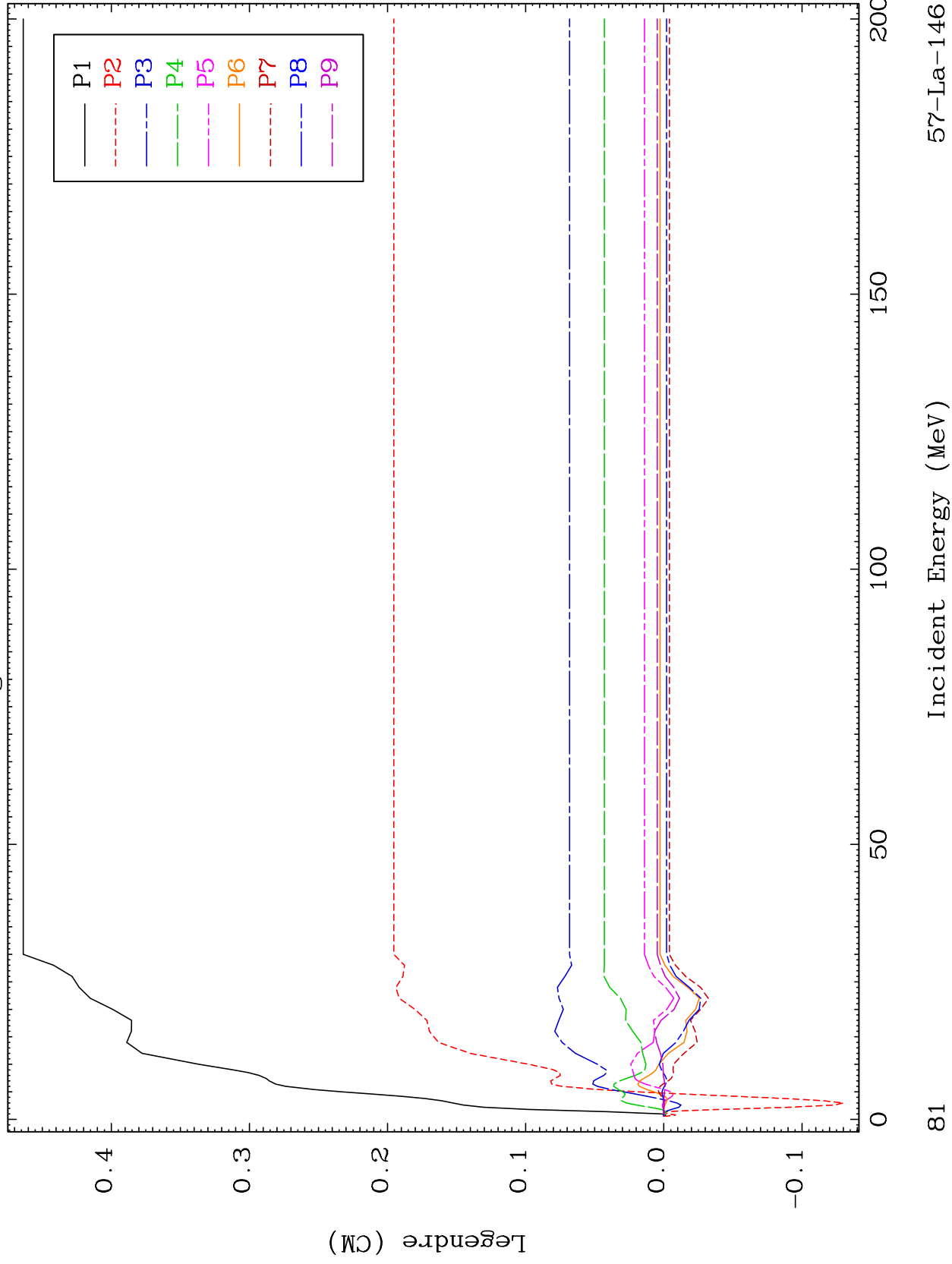
57-La-146



MAT 5749

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

57-La-146



57-La-146

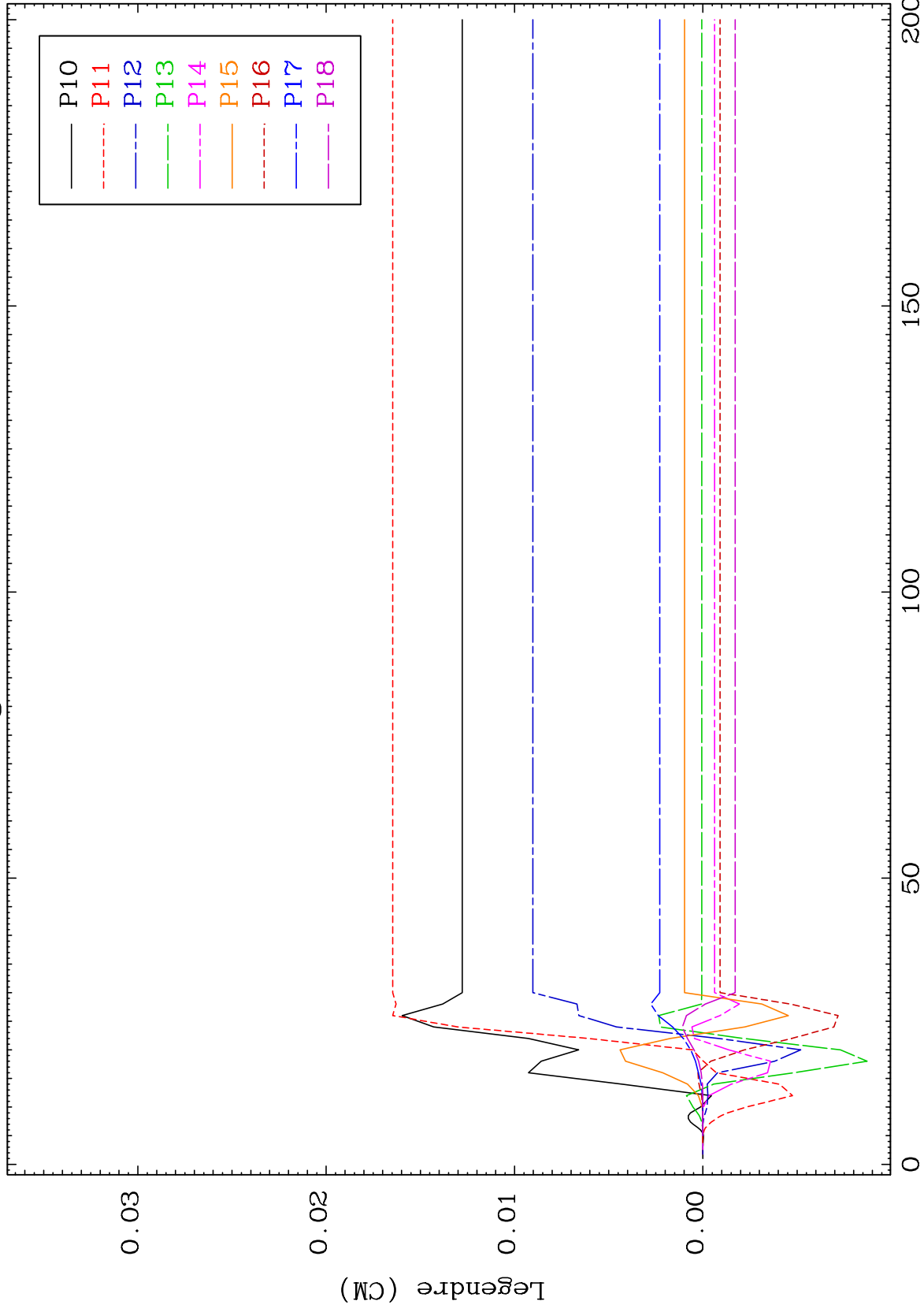
Incident Energy (MeV)

81

MAT 5749

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

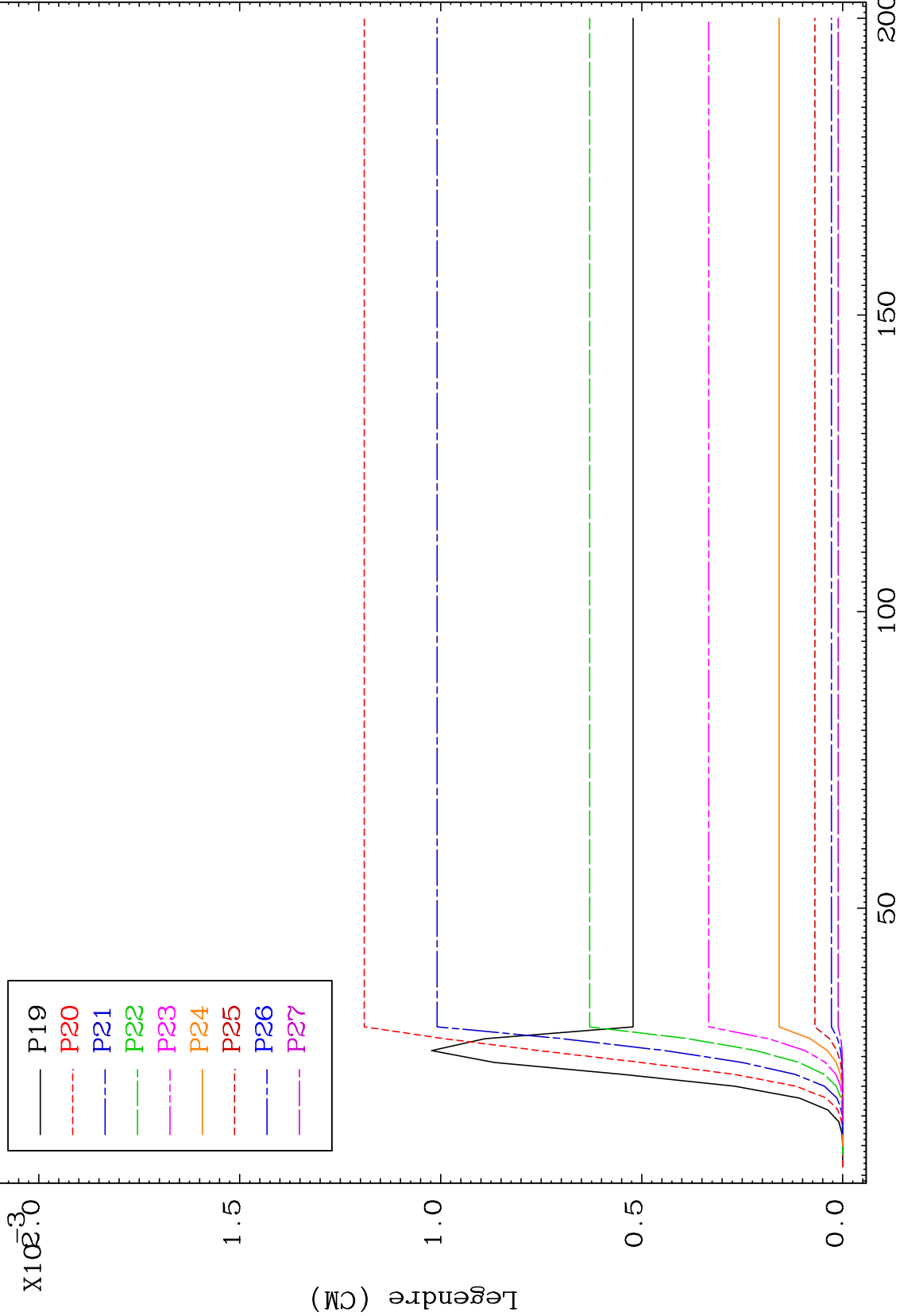
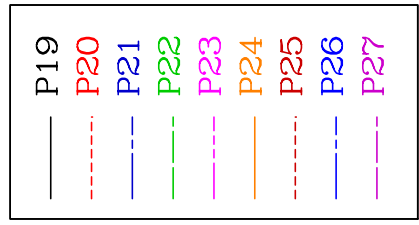
57-La-146



57-La-146

Incident Energy (MeV)

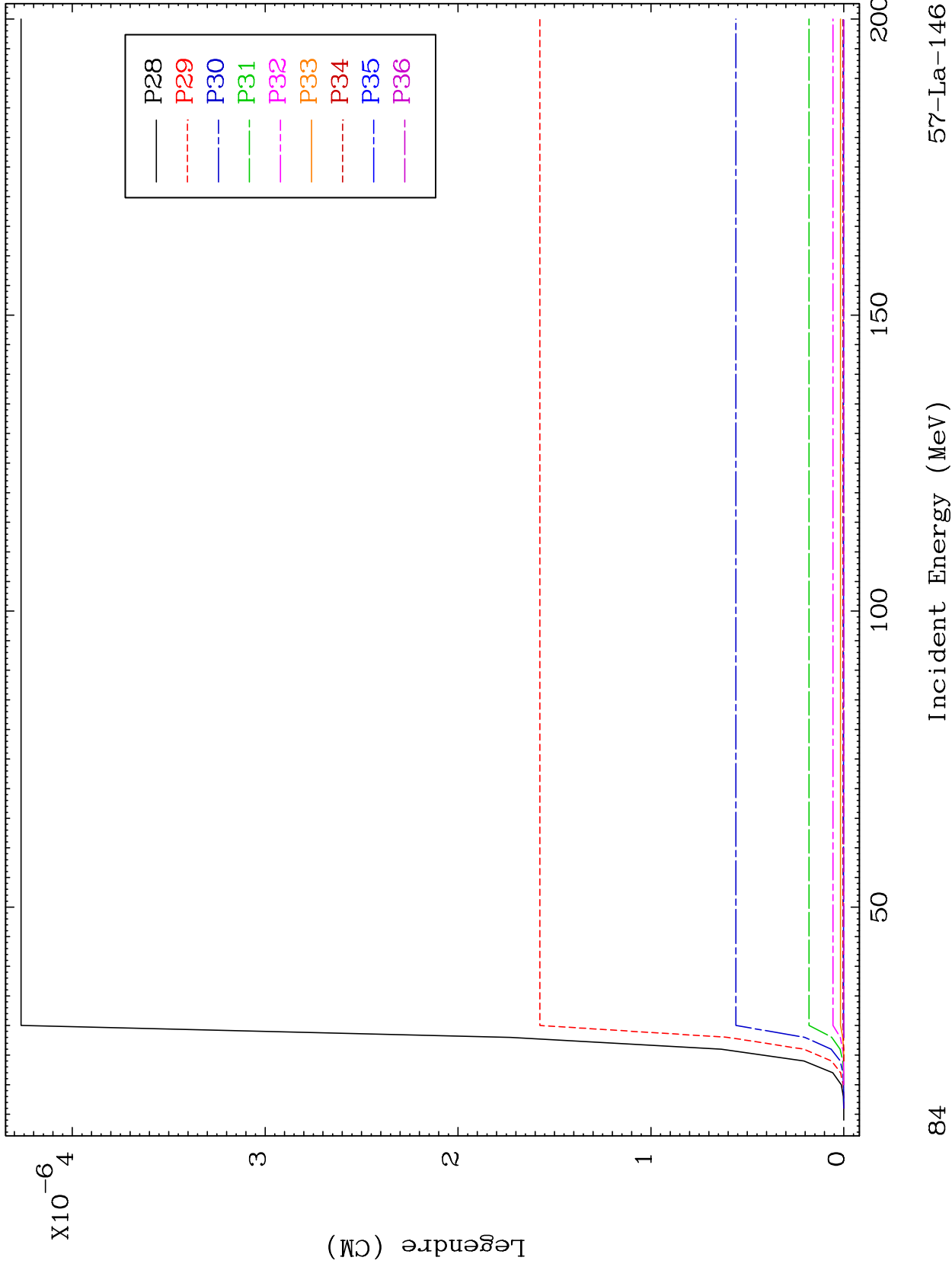
82



MAT 5749

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

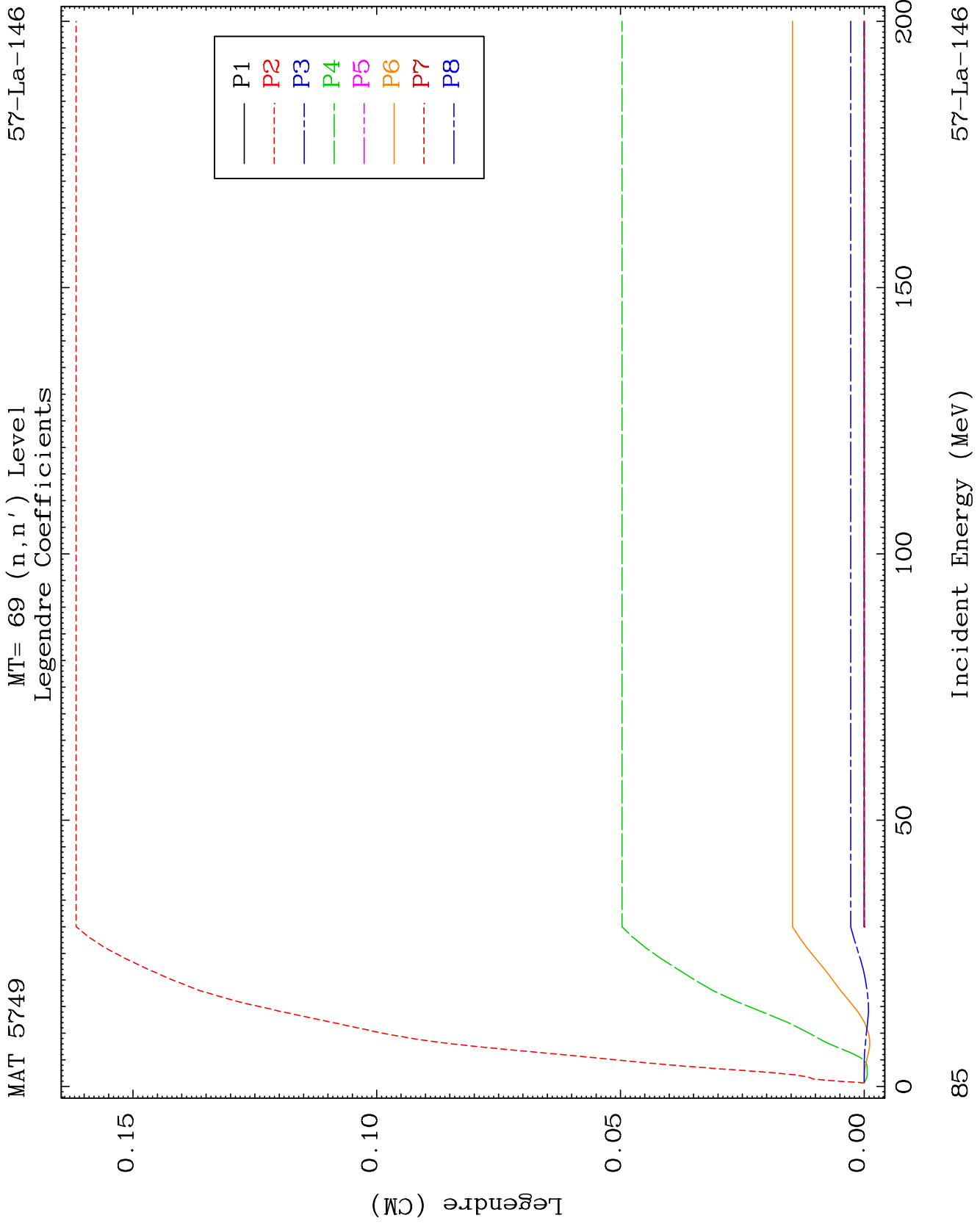
57-La-146

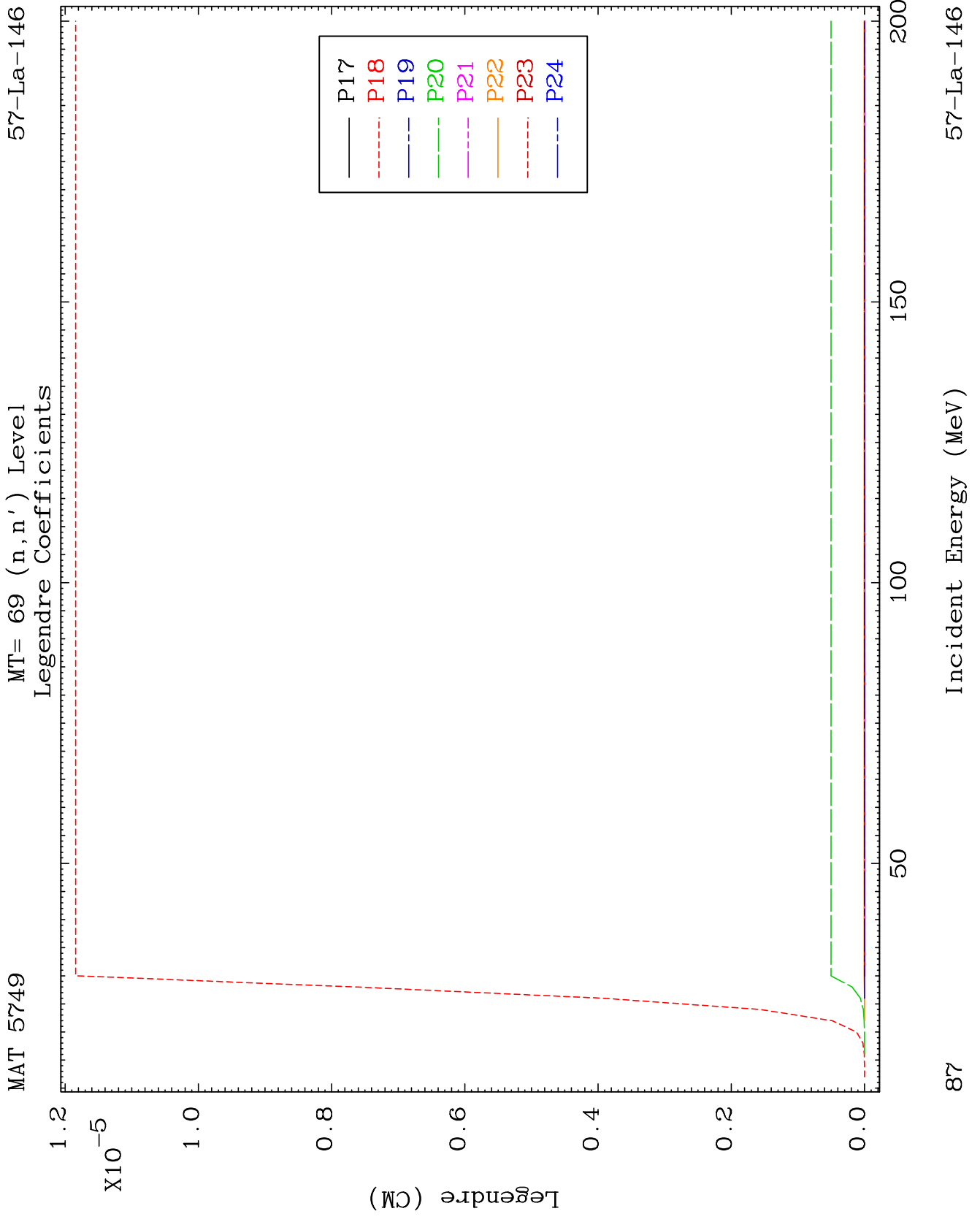


84

Incident Energy (MeV)

57-La-146

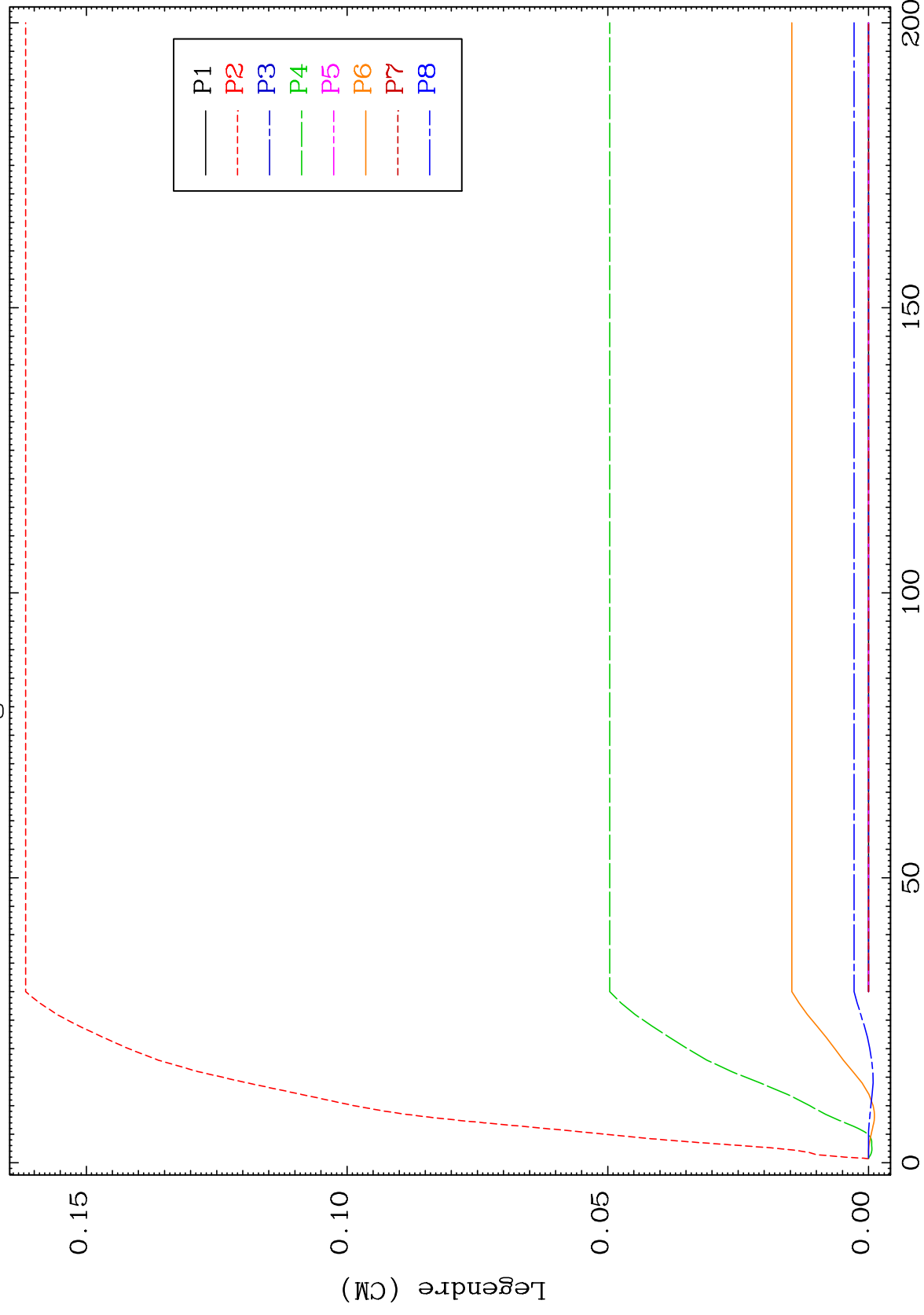




MAT 5749

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

57-La-146



88

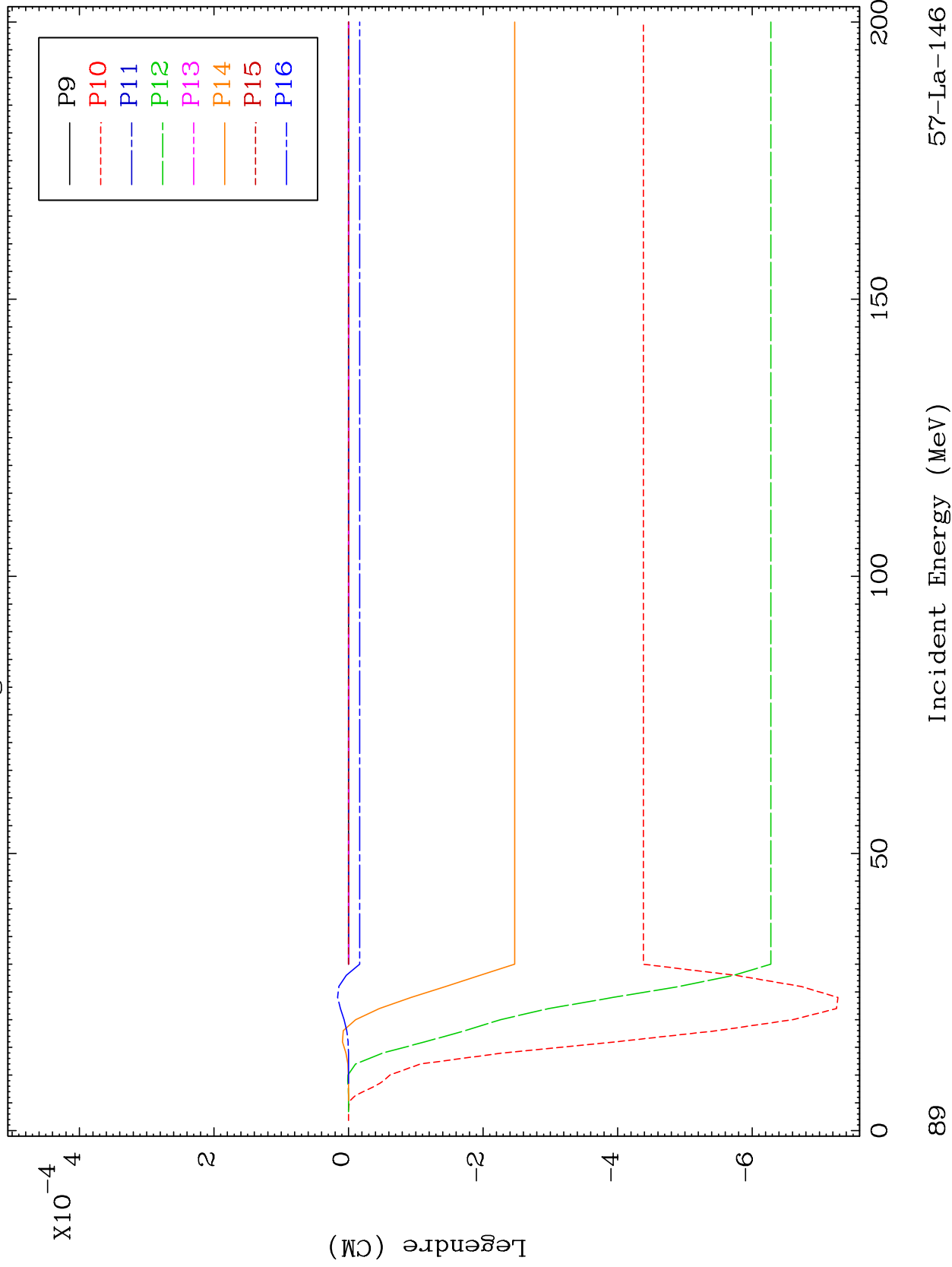
Incident Energy (MeV)

57-La-146

MAT 5749

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

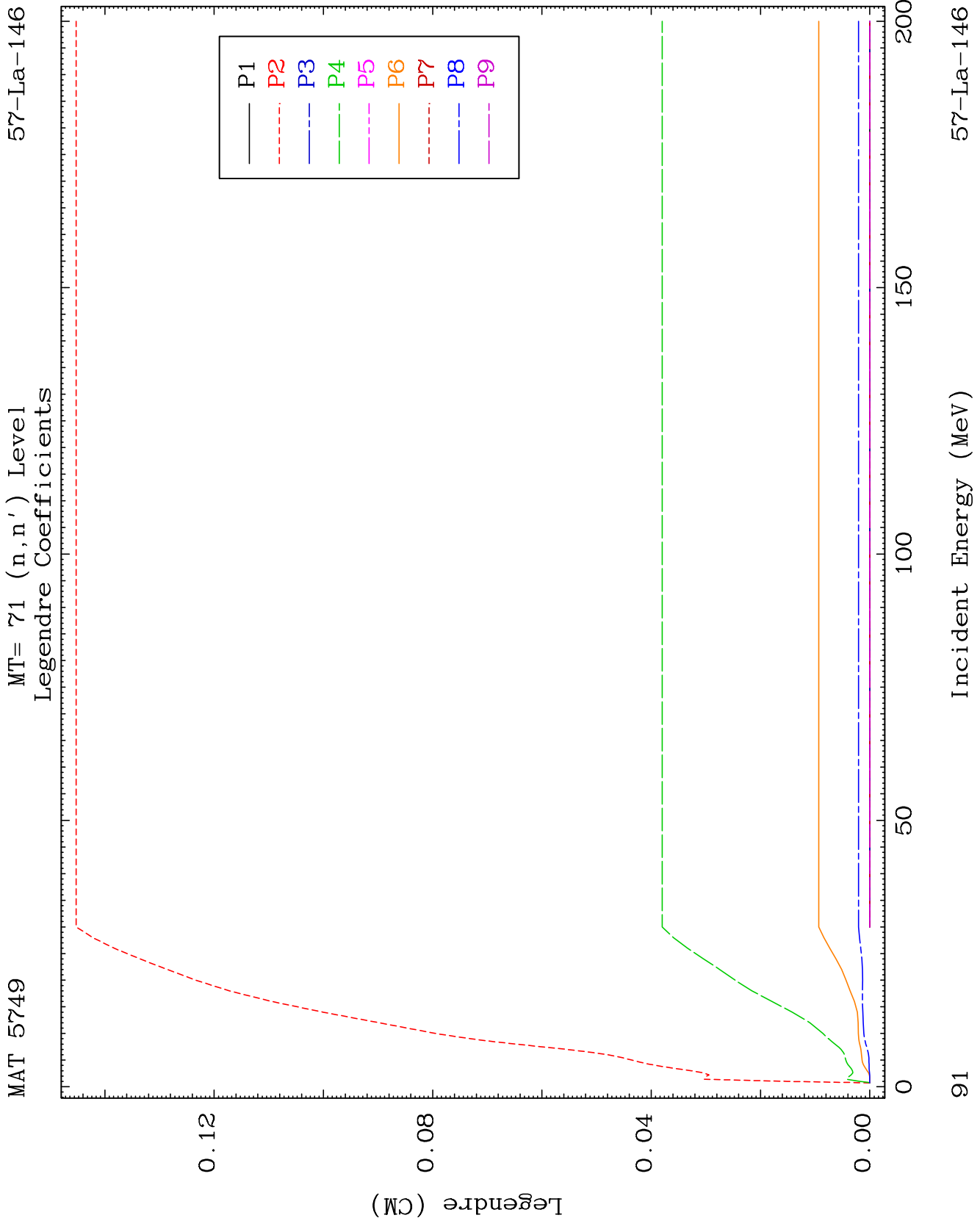
57-La-146



89

Incident Energy (MeV)

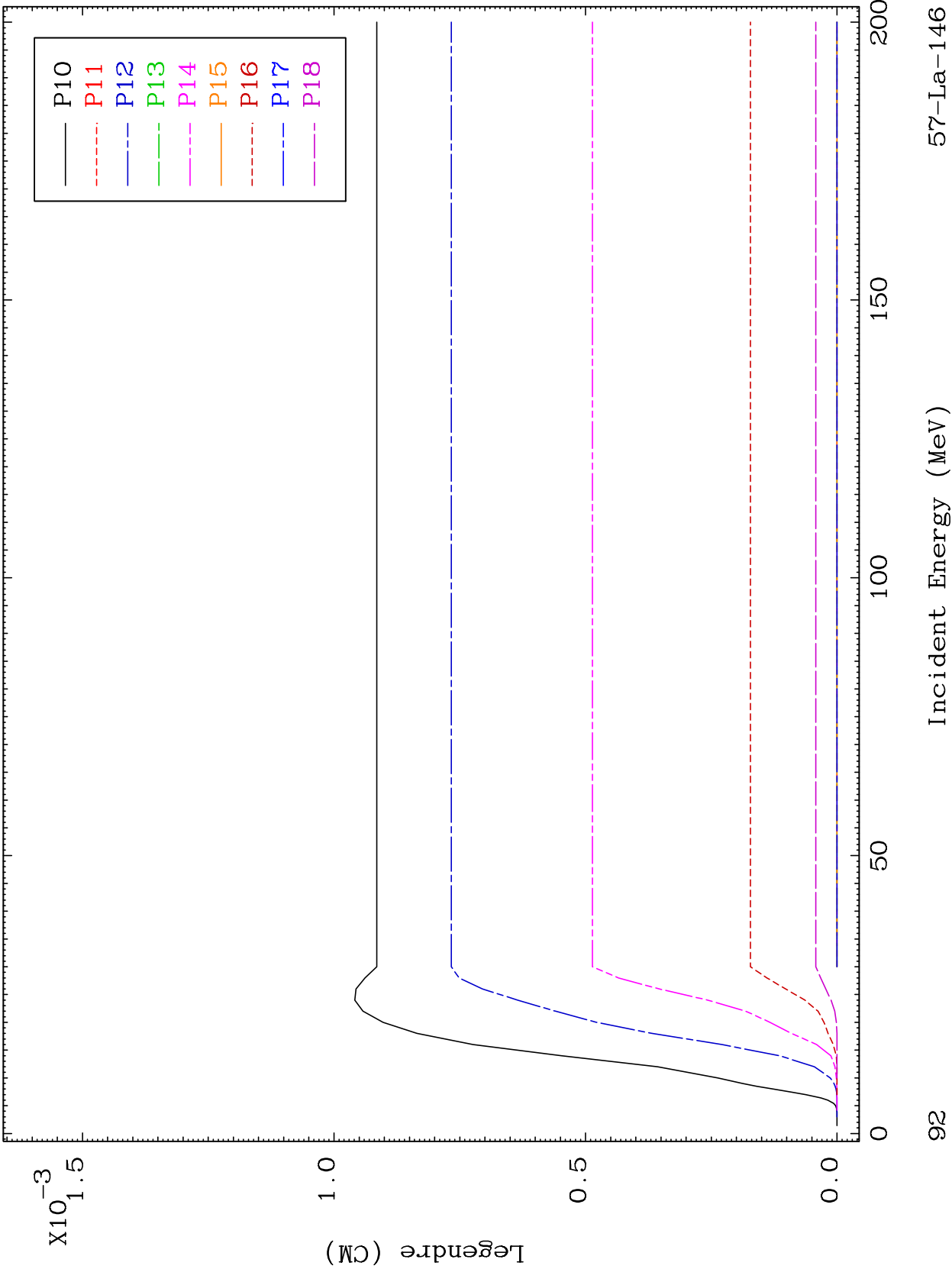
57-La-146



MAT 5749

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

57-La-146



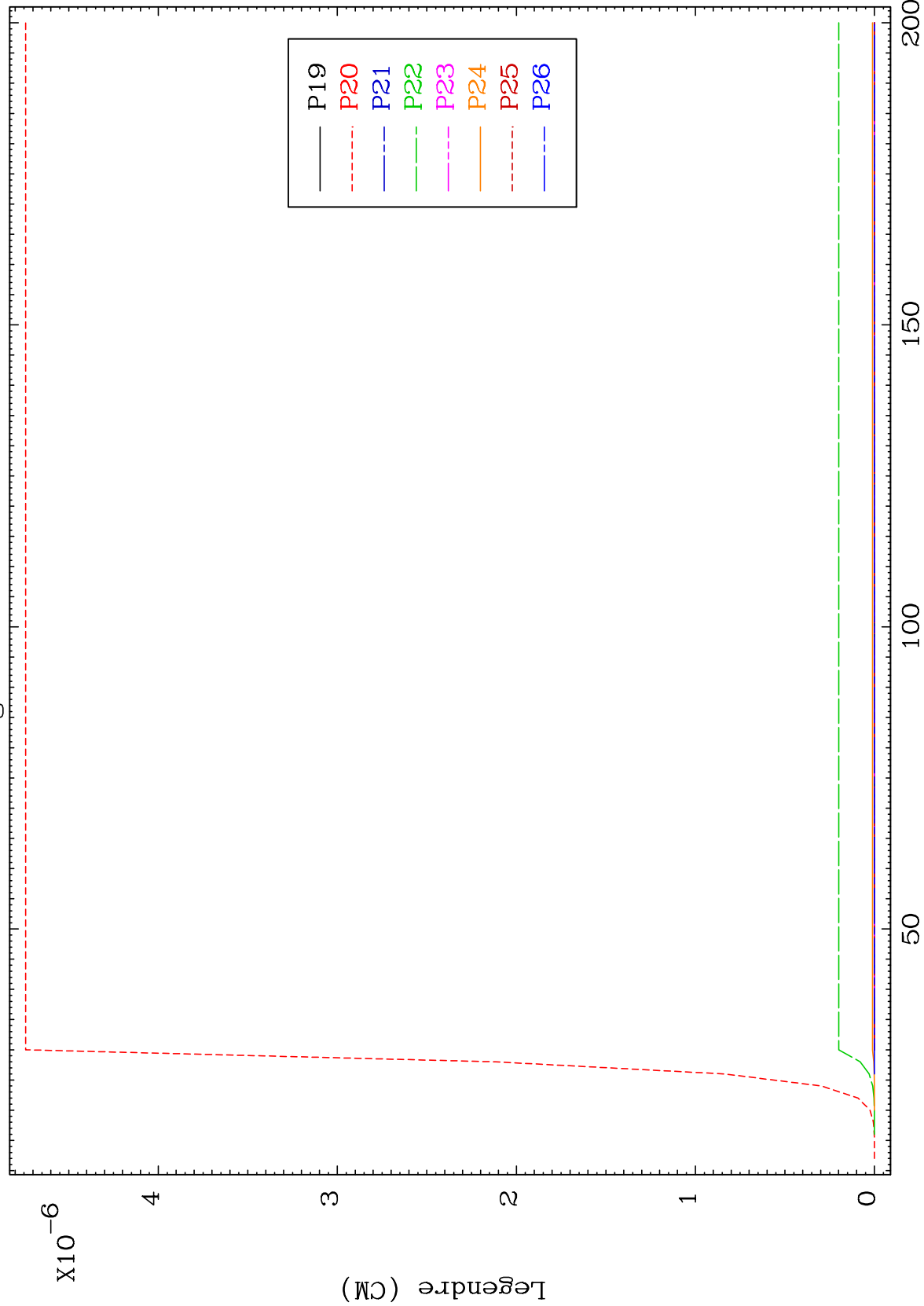
92

57-La-146

MAT 5749

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

57-La-146



57-La-146

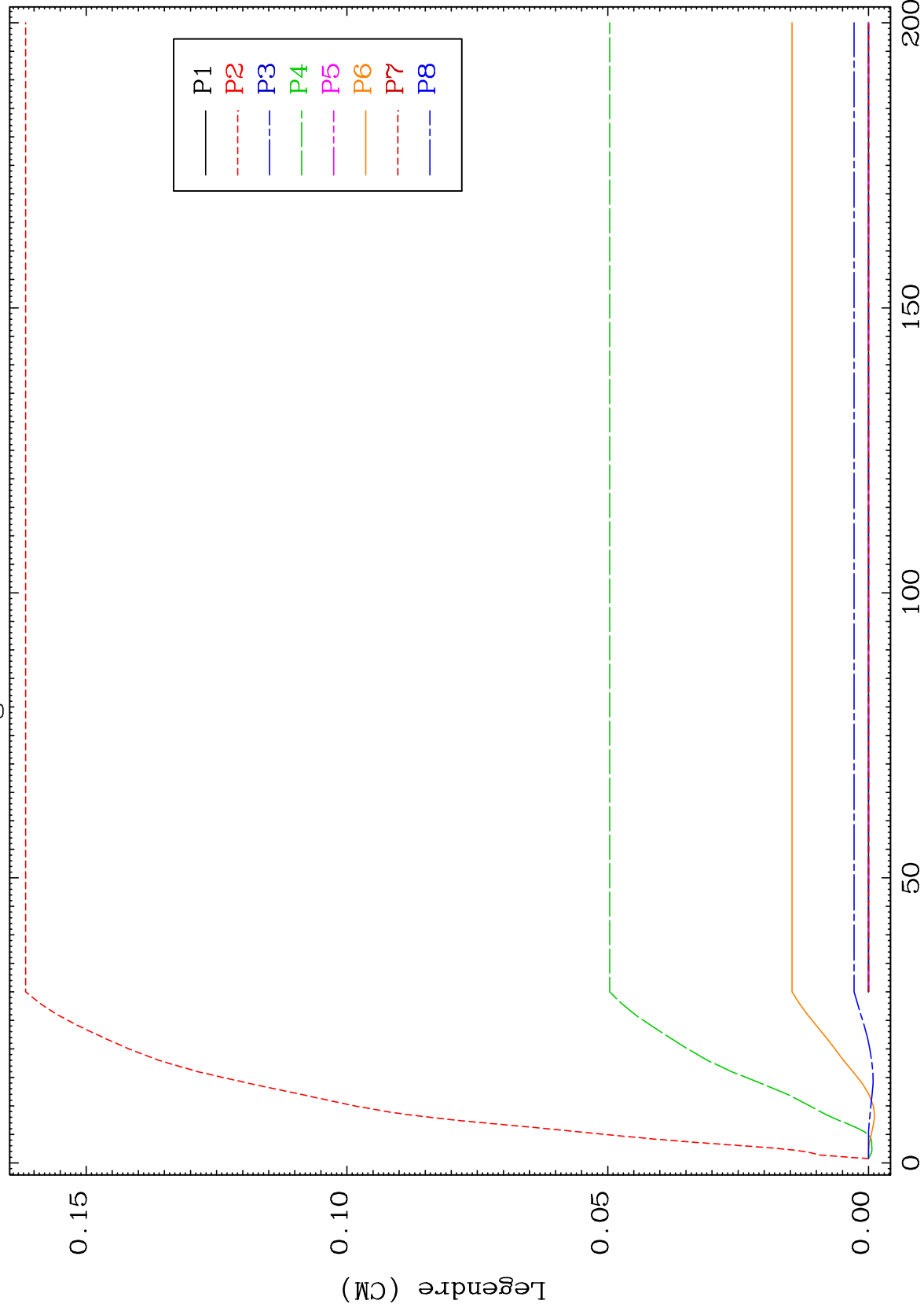
Incident Energy (MeV)

93

MAT 5749

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

57-La-146



94

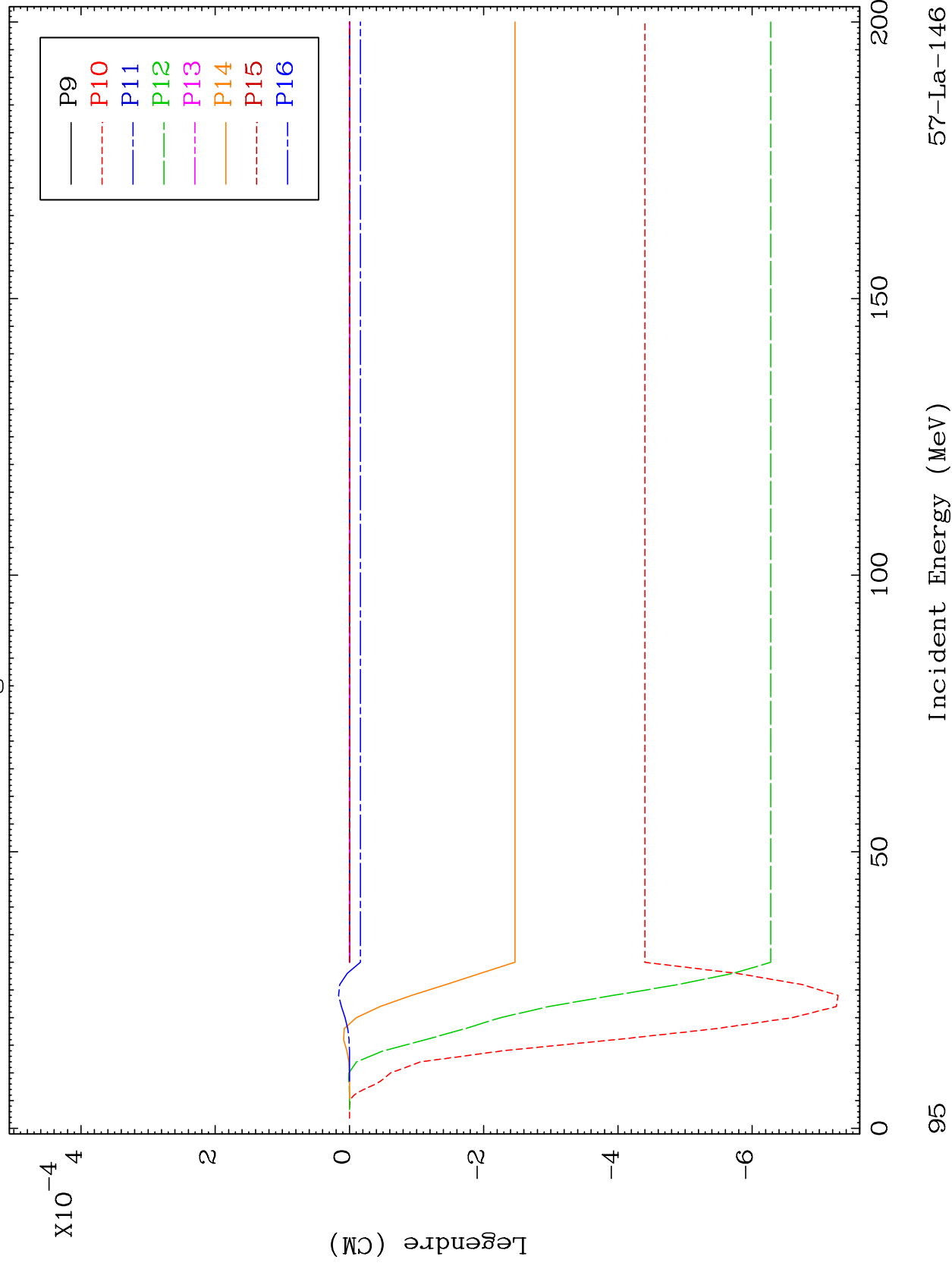
Incident Energy (MeV)

57-La-146

MAT 5749

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

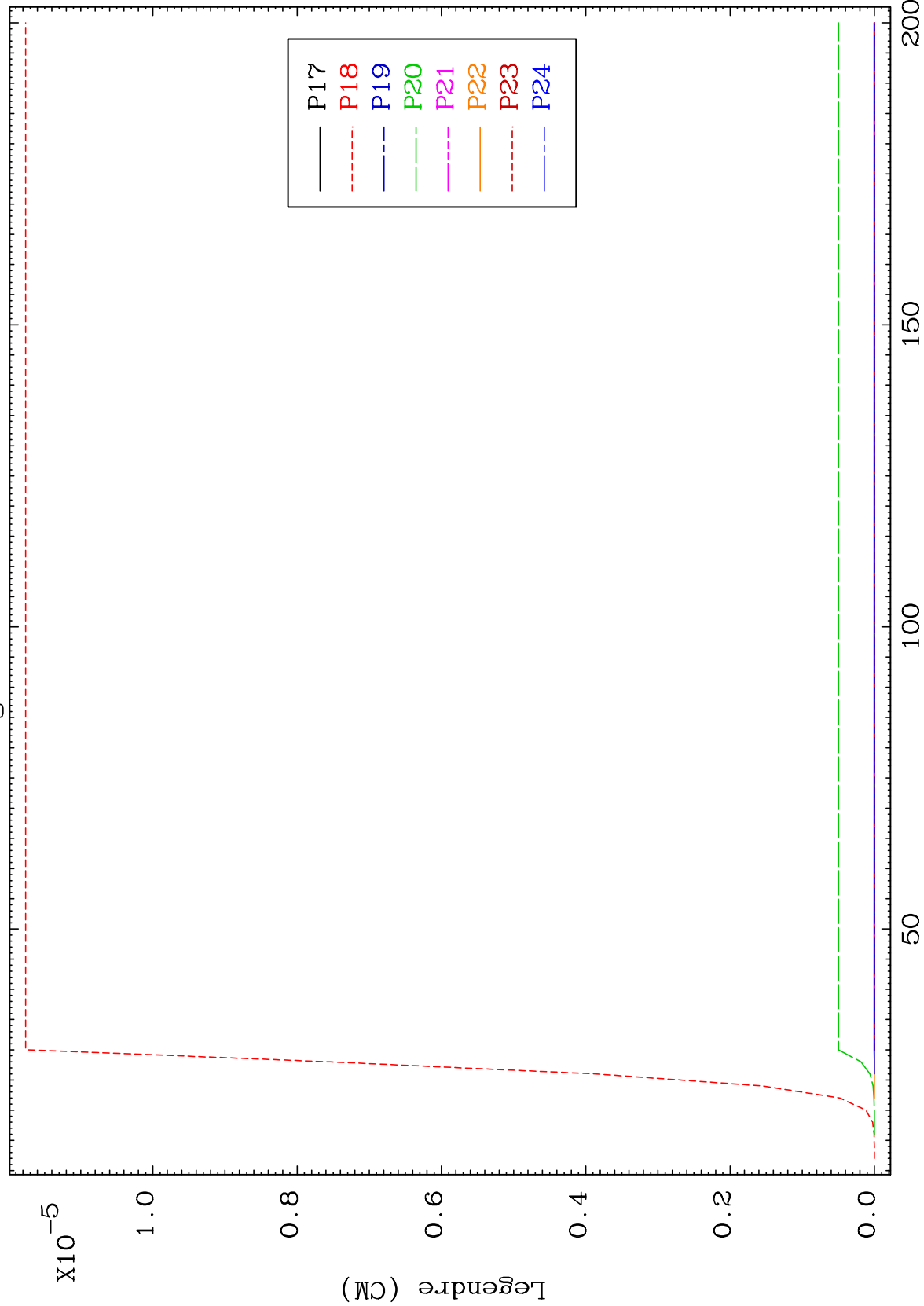
57-La-146



MAT 5749

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

57-La-146



57-La-146

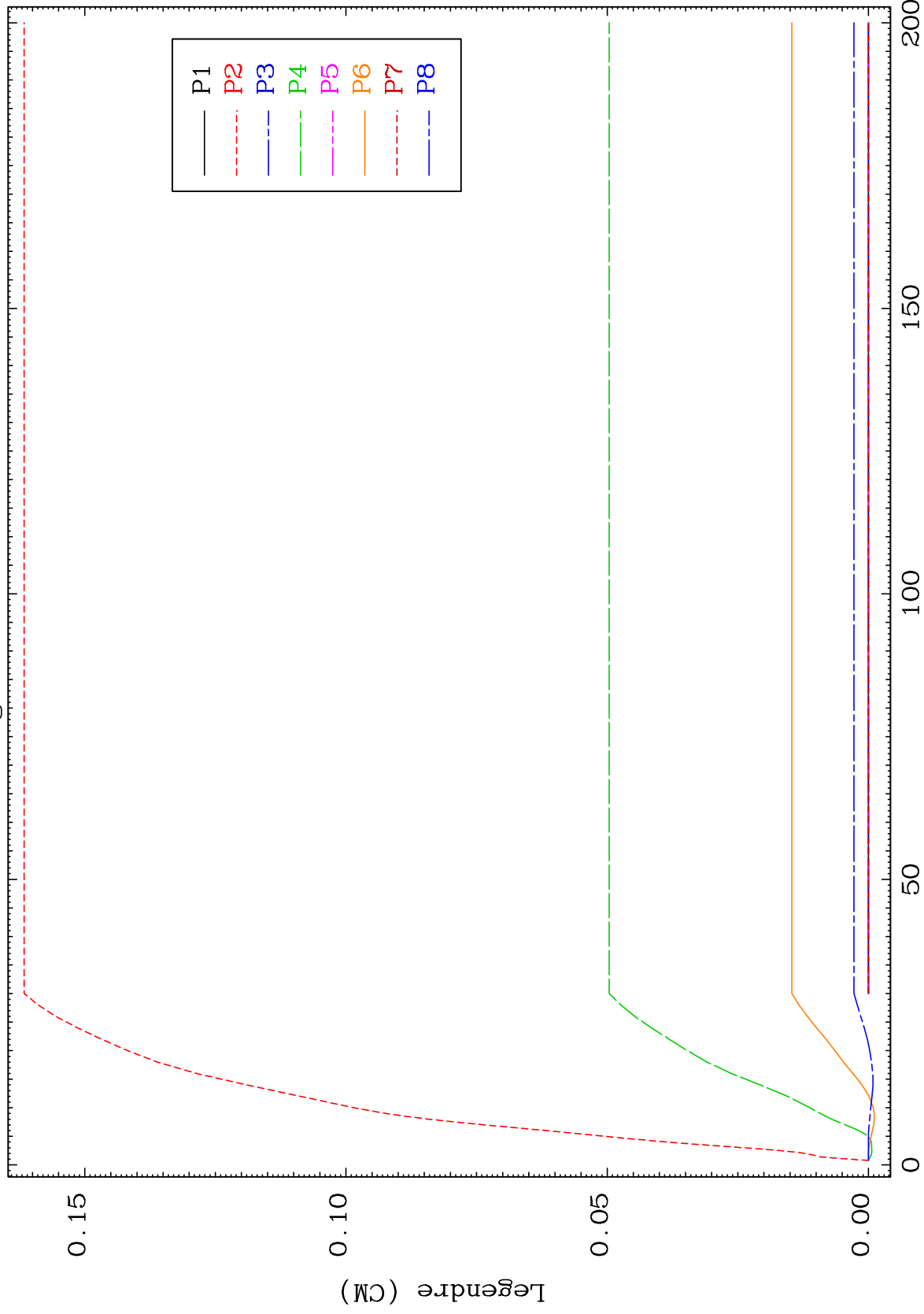
Incident Energy (MeV)

96

MAT 5749

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

57-La-146



97

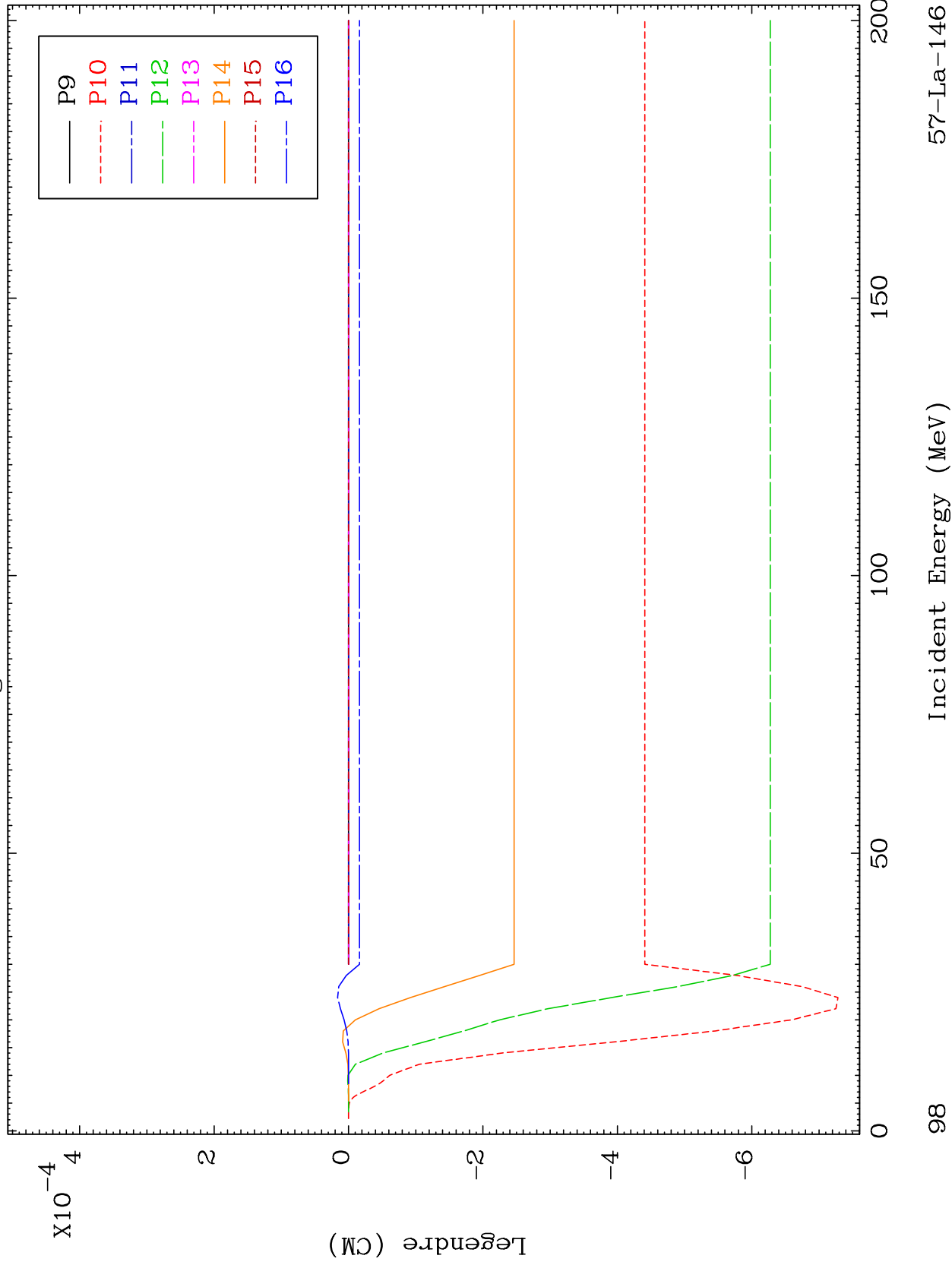
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



98

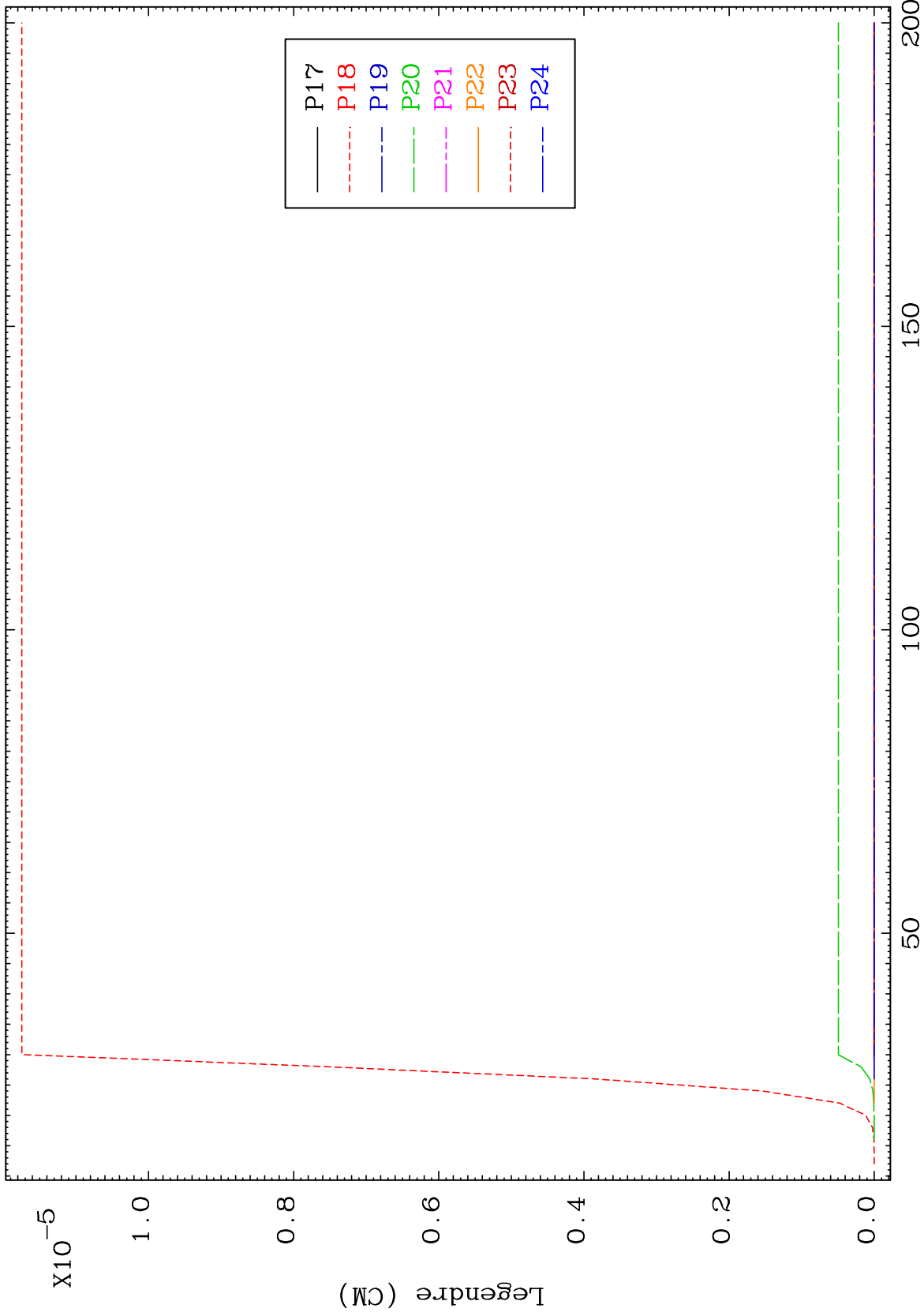
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



99

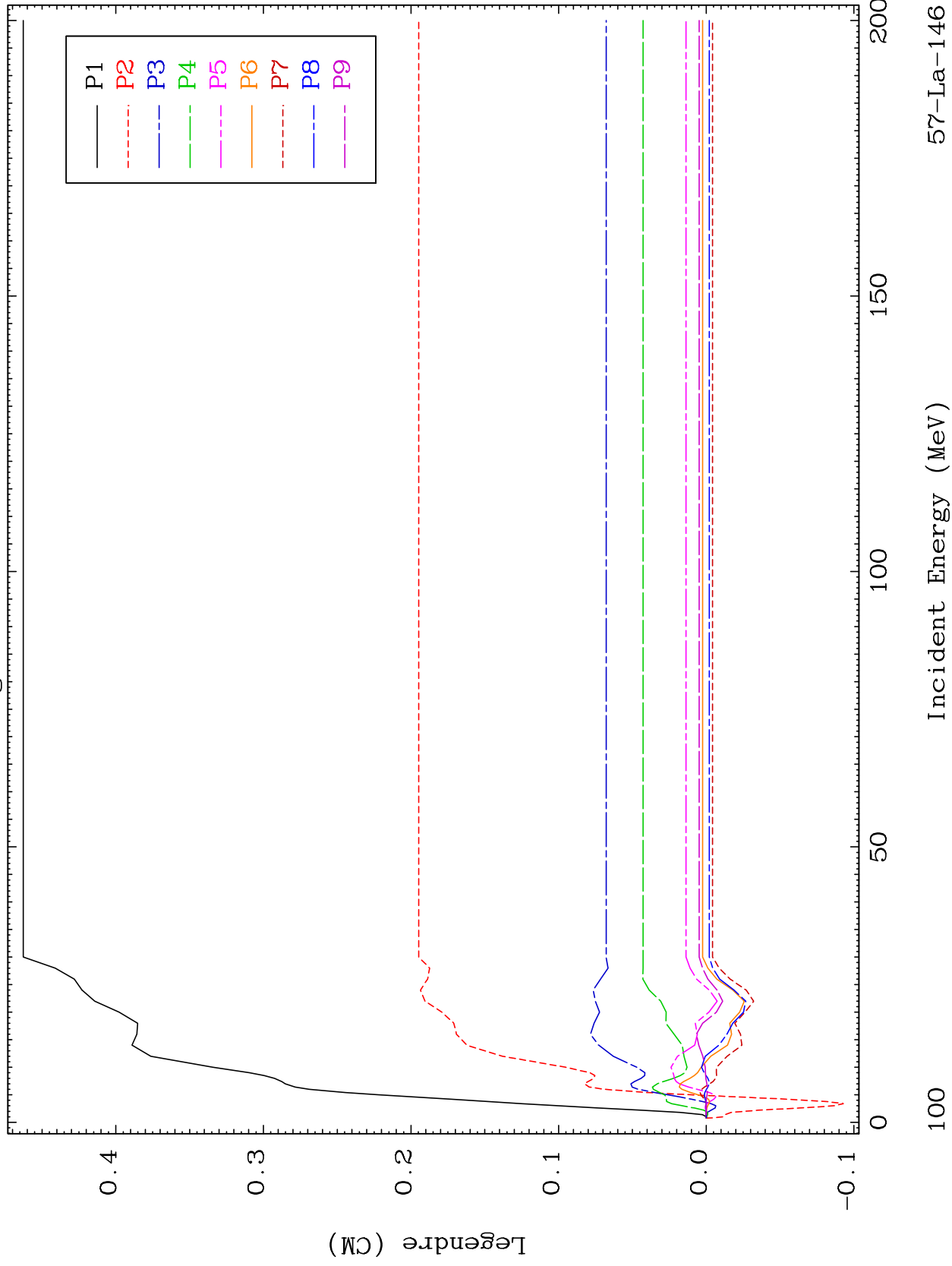
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146

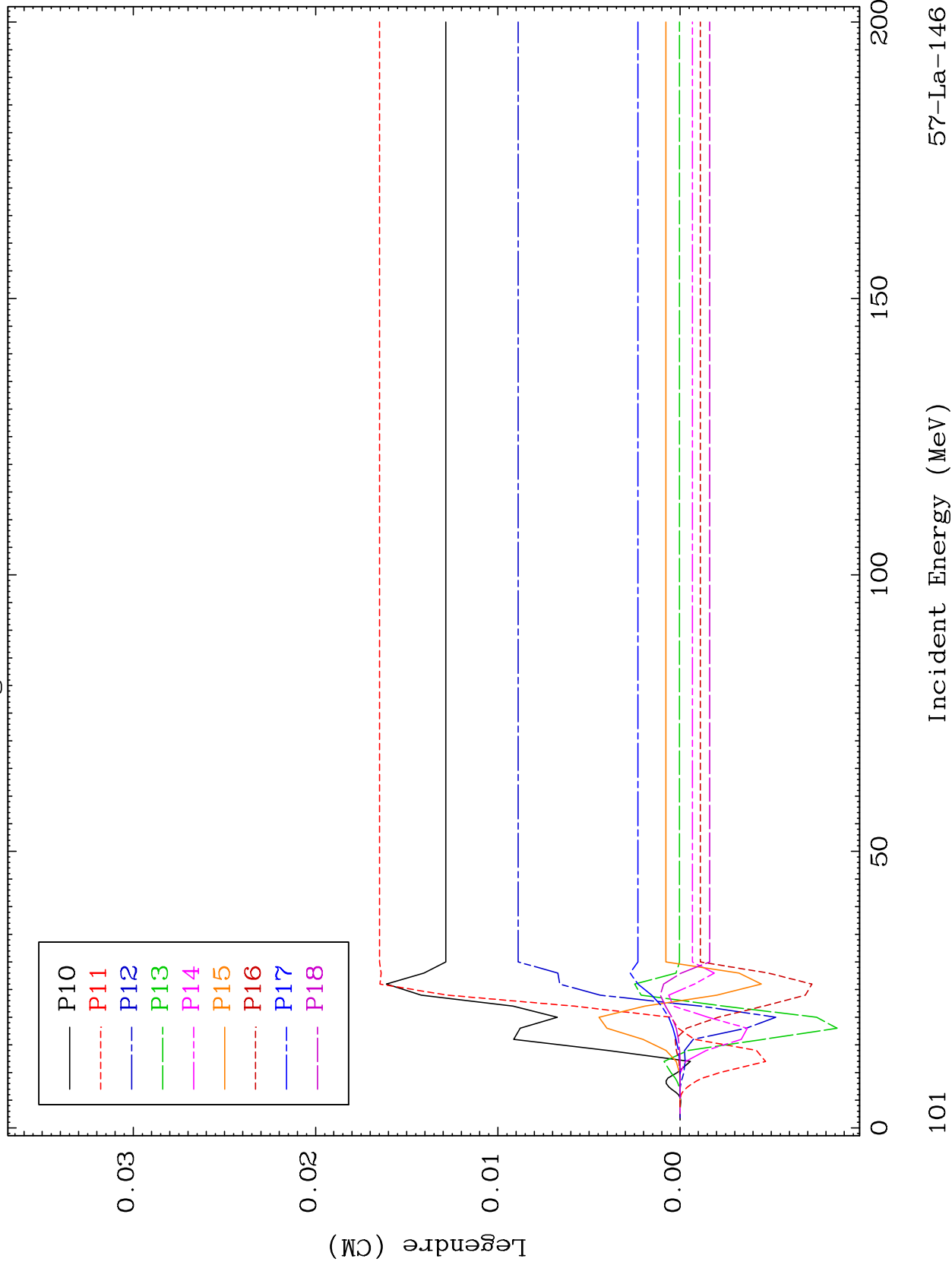


57-La-146

MAT 5749

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

57-La-146



57-La-146

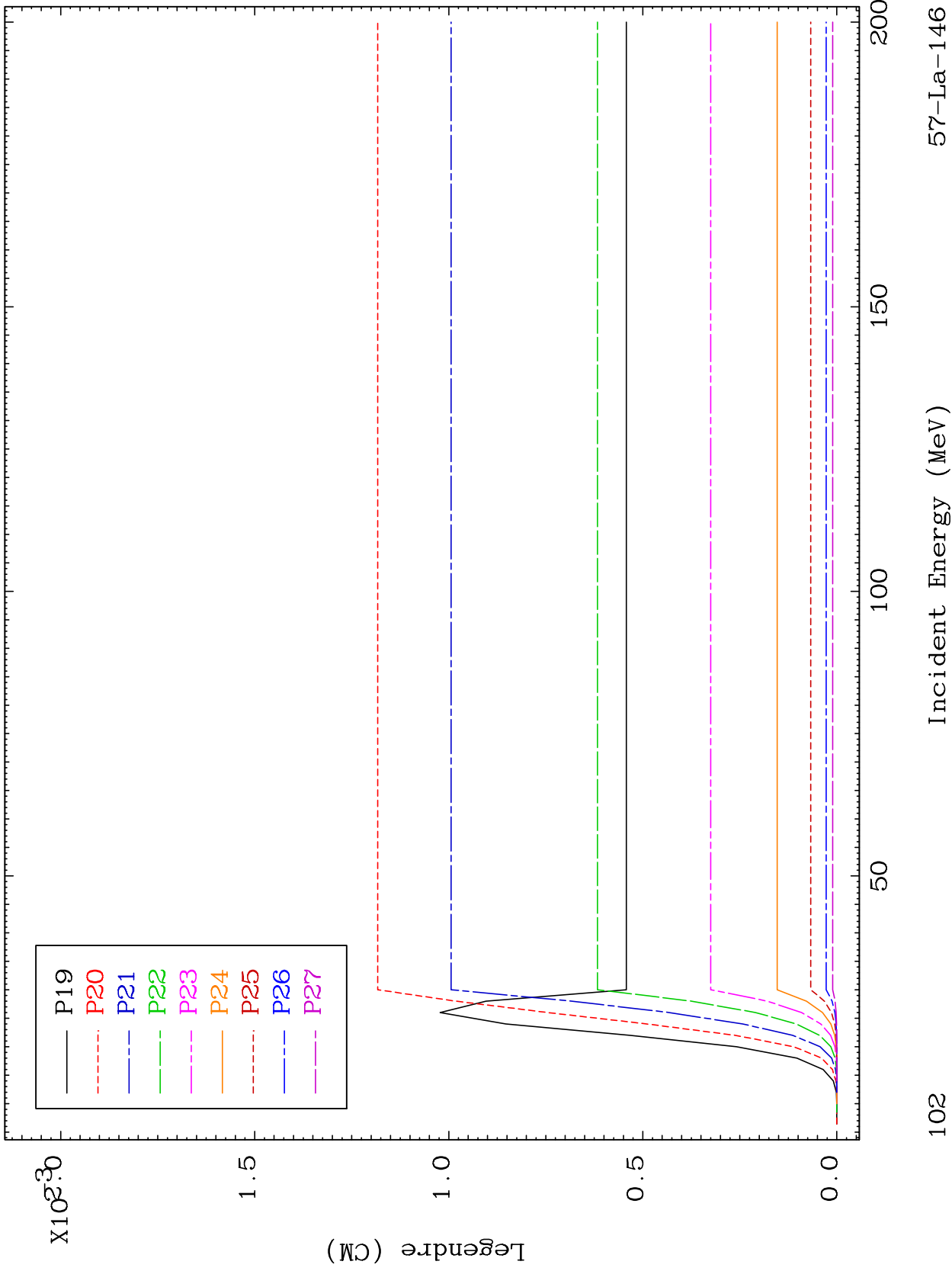
Incident Energy (MeV)

101

MAT 5749

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

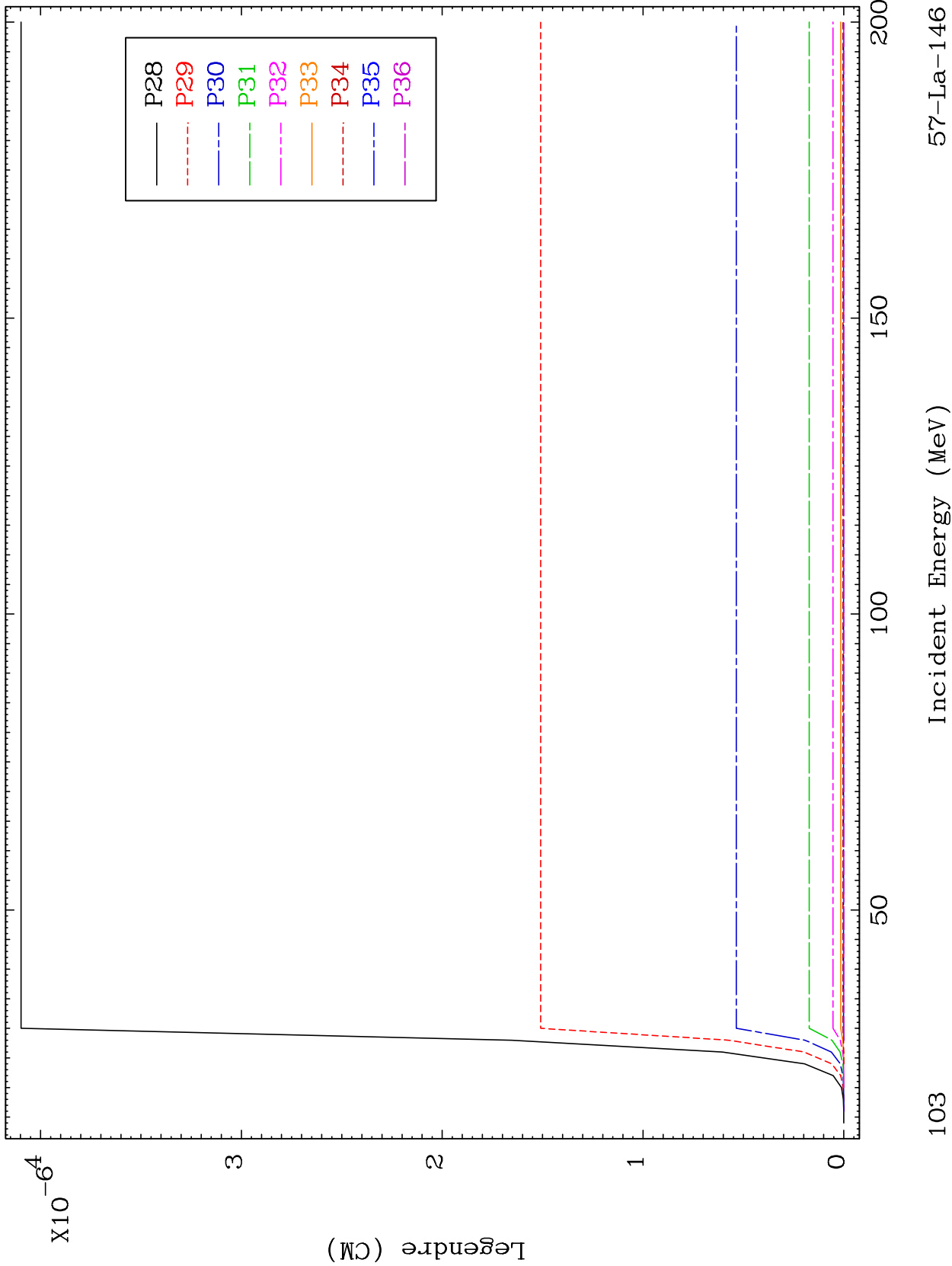
57-La-146



MAT 5749

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

57-La-146



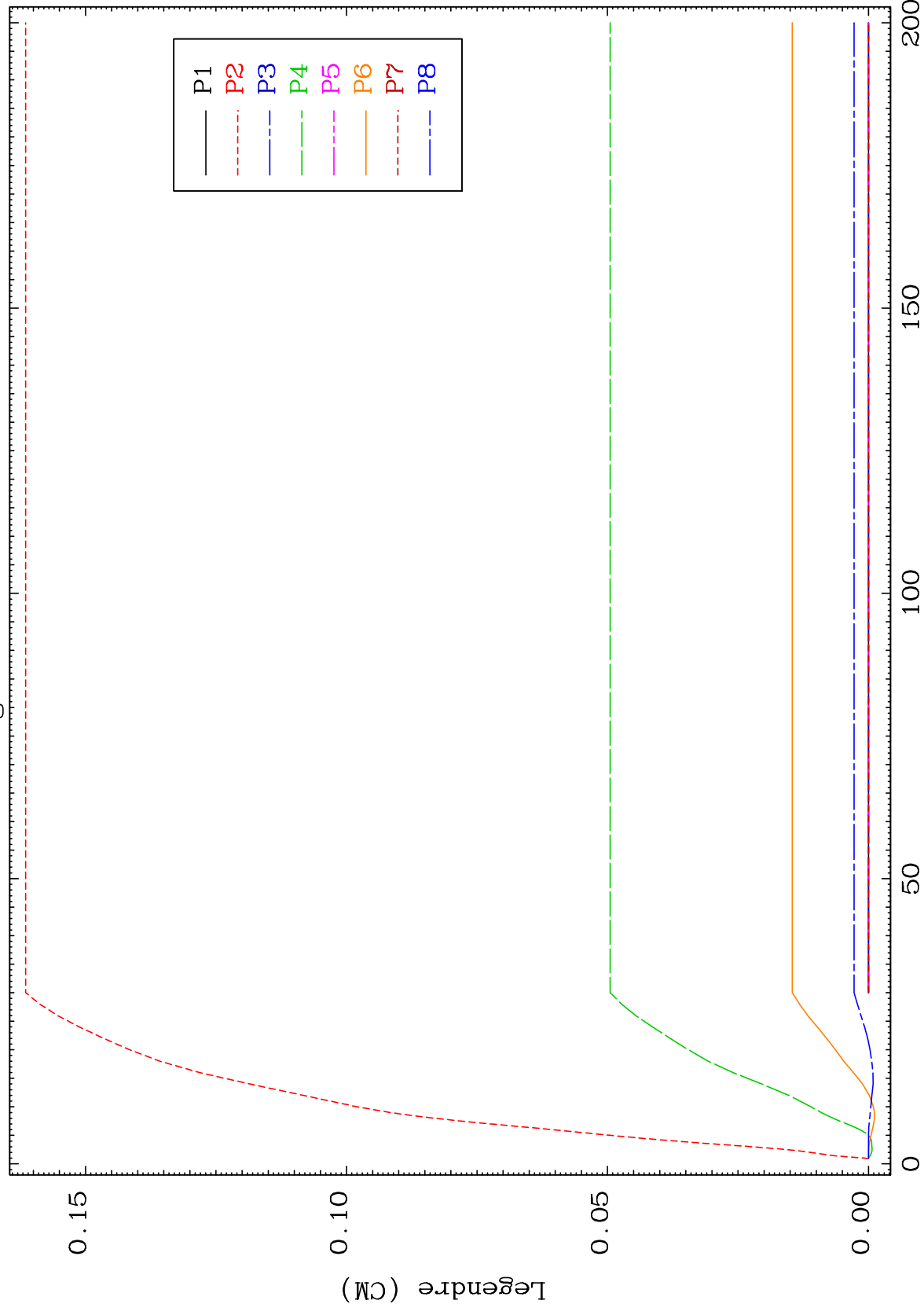
103

57-La-146

MAT 5749

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

57-La-146



57-La-146

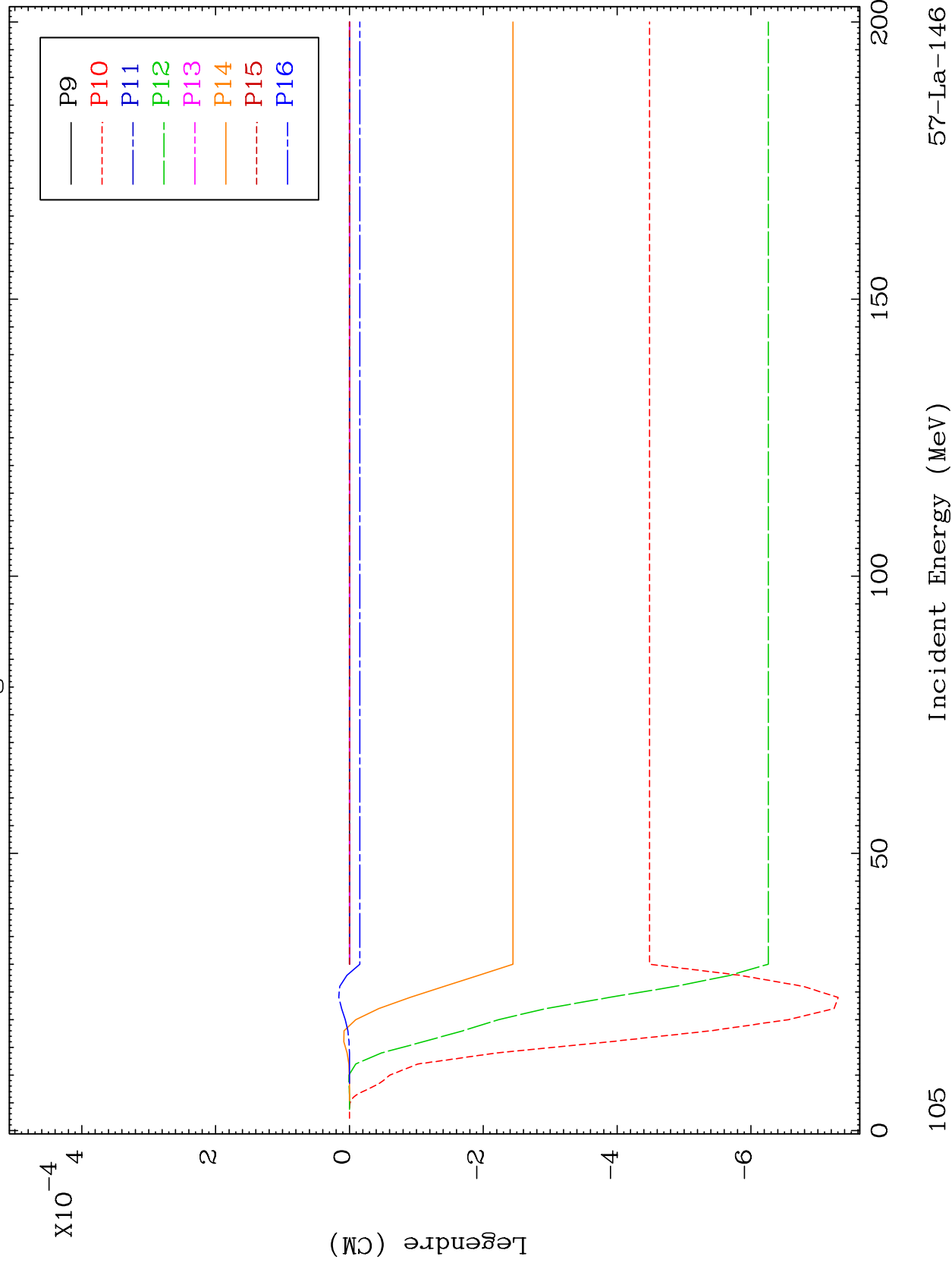
Incident Energy (MeV)

104

MAT 5749

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

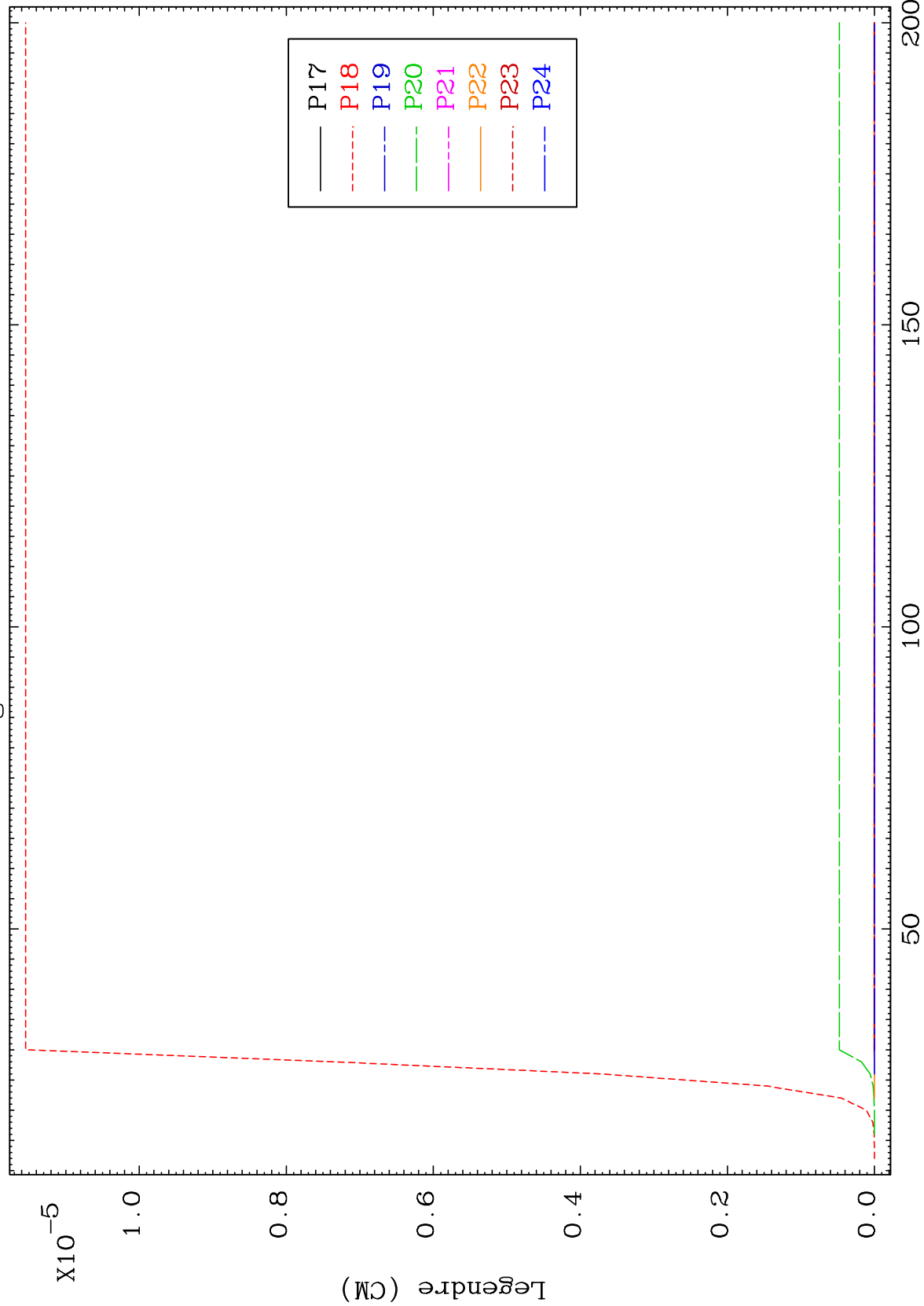
57-La-146



MAT 5749

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

57-La-146



57-La-146

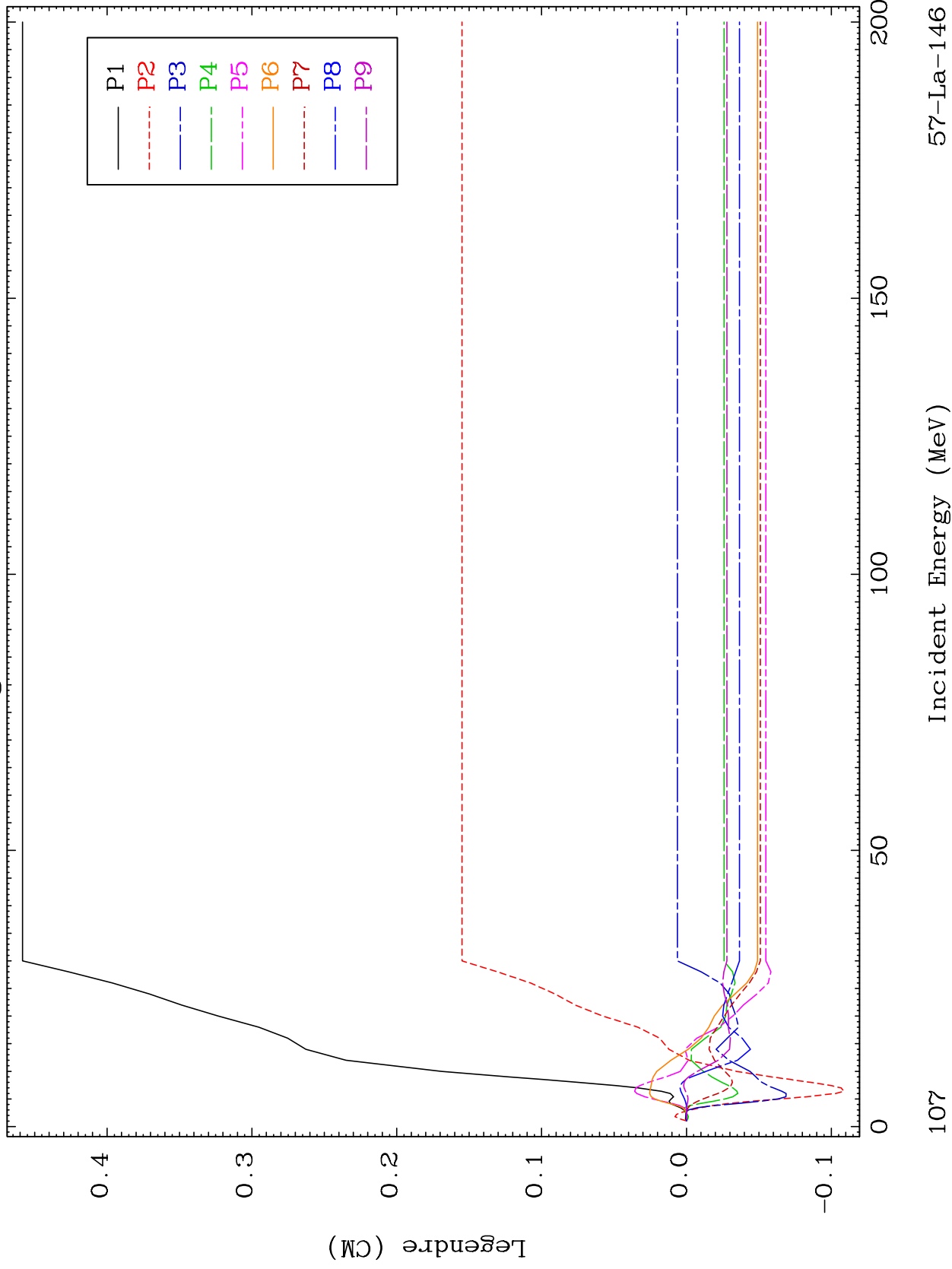
Incident Energy (MeV)

106

MAT 5749

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

57-La-146



57-La-146

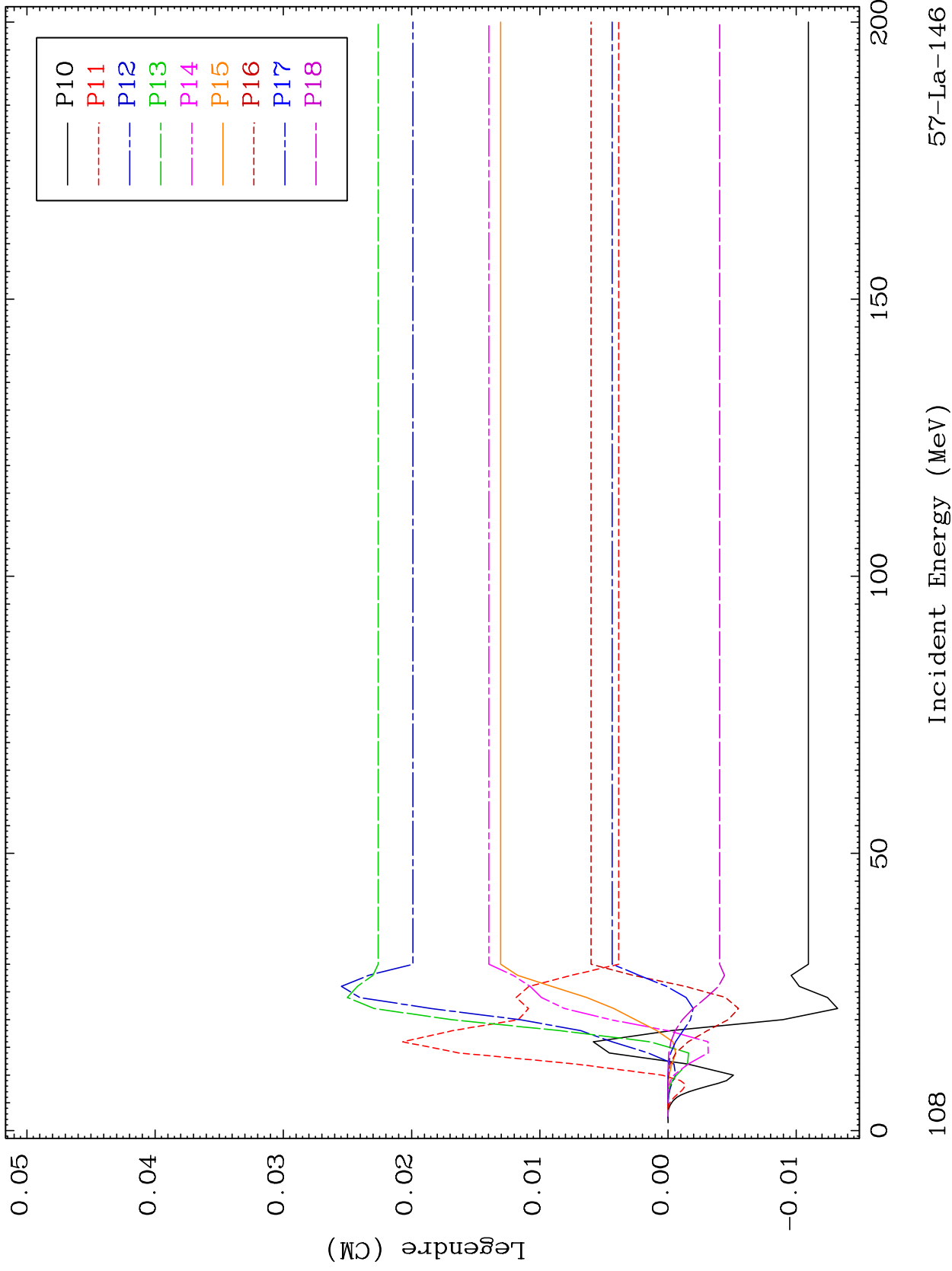
Incident Energy (MeV)

107

MAT 5749

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

57-La-146



57-La-146

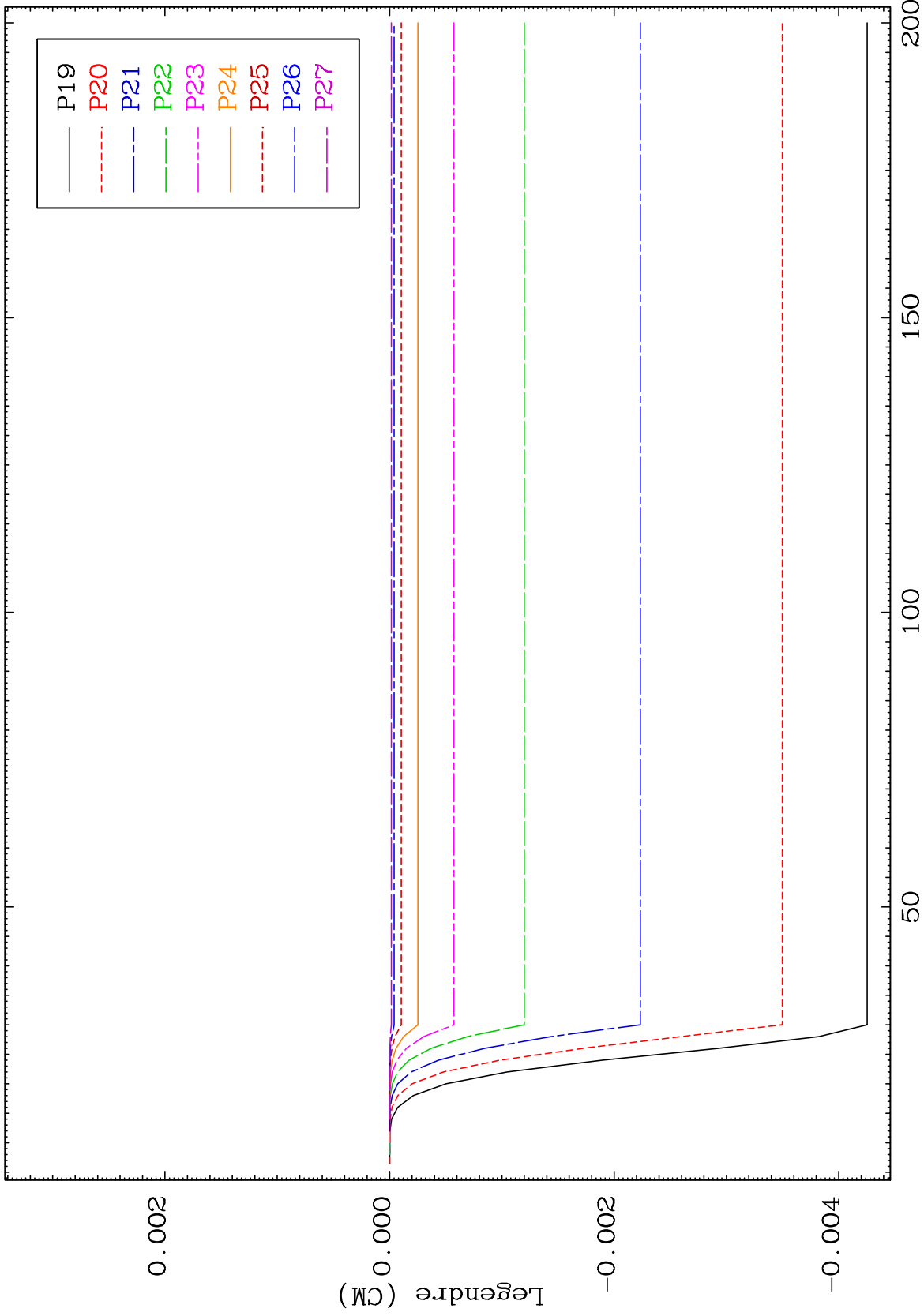
Incident Energy (MeV)

108

MAT 5749

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

57-La-146



109

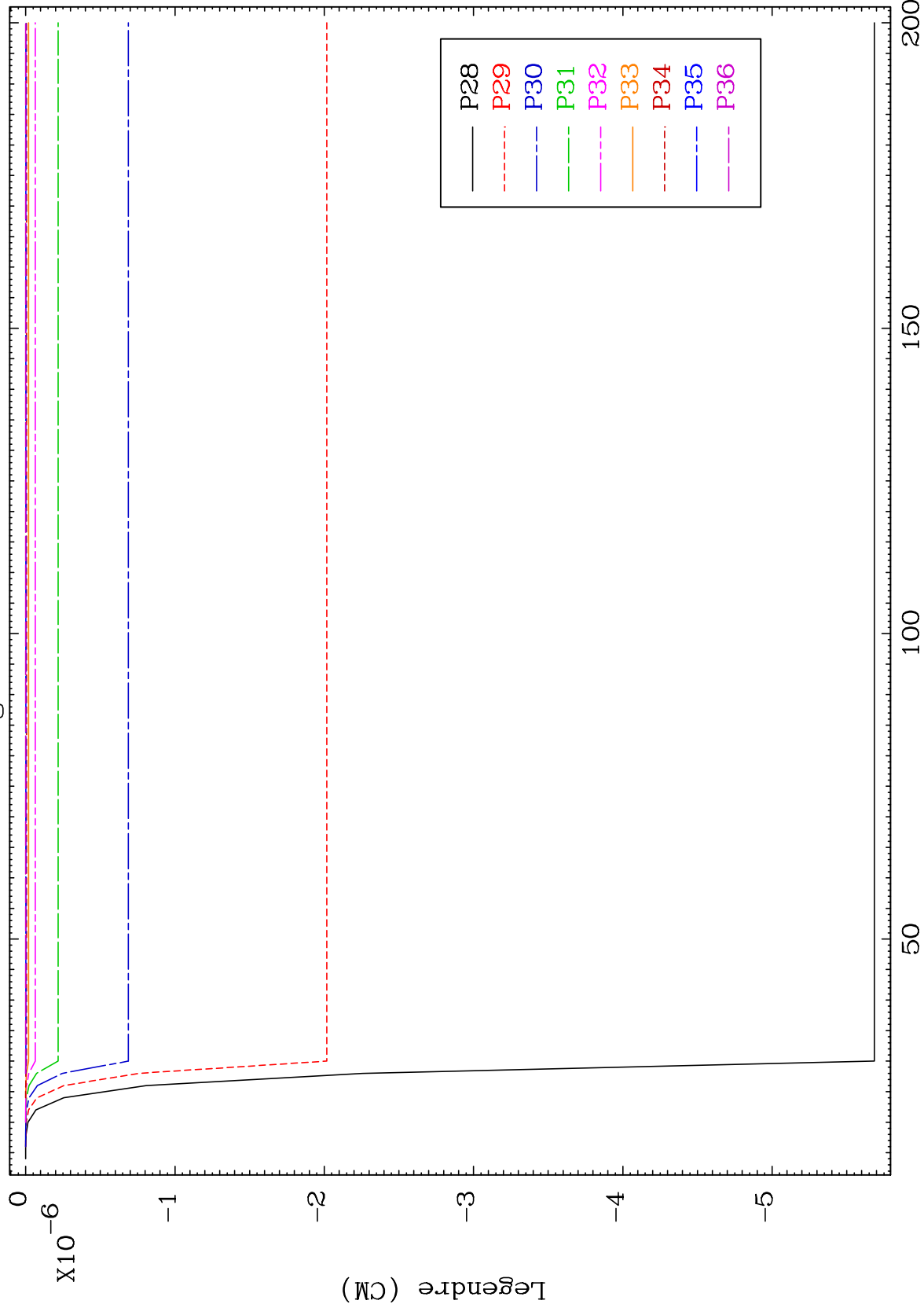
Incident Energy (MeV)

57-La-146

MAT 5749

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

57-La-146



110

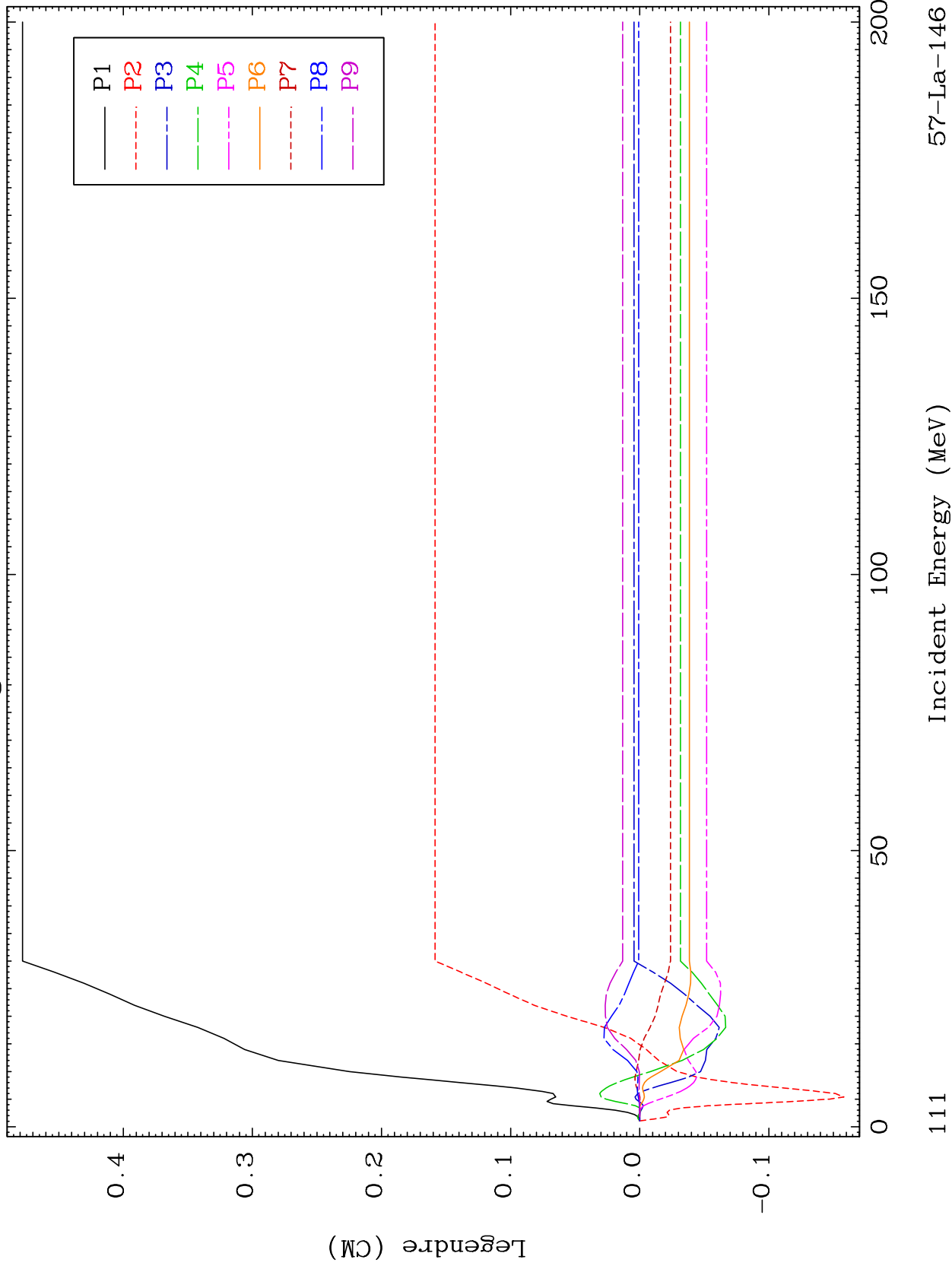
Incident Energy (MeV)

57-La-146

MAT 5749

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

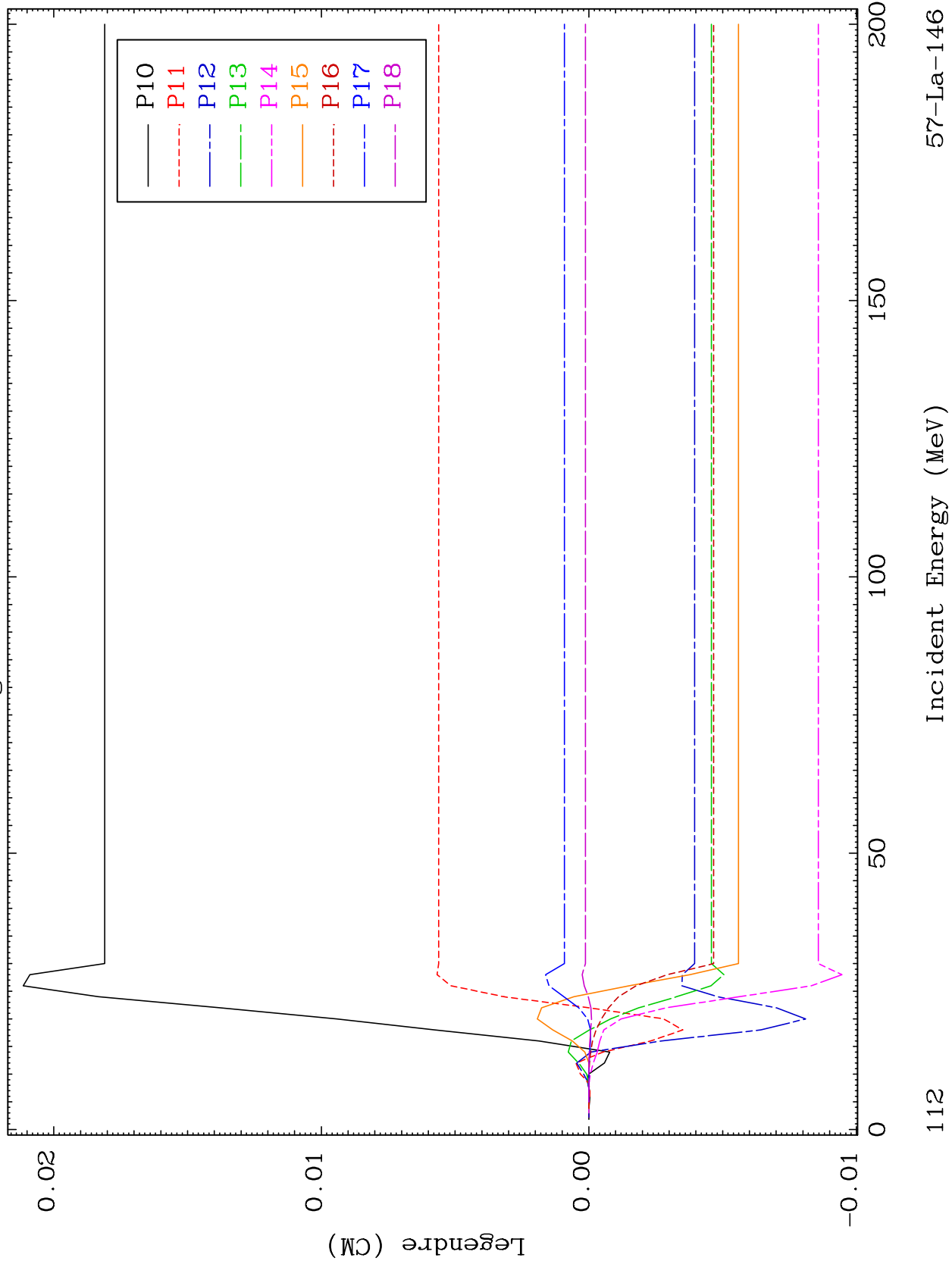
57-La-146



MAT 5749

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

57-La-146



57-La-146

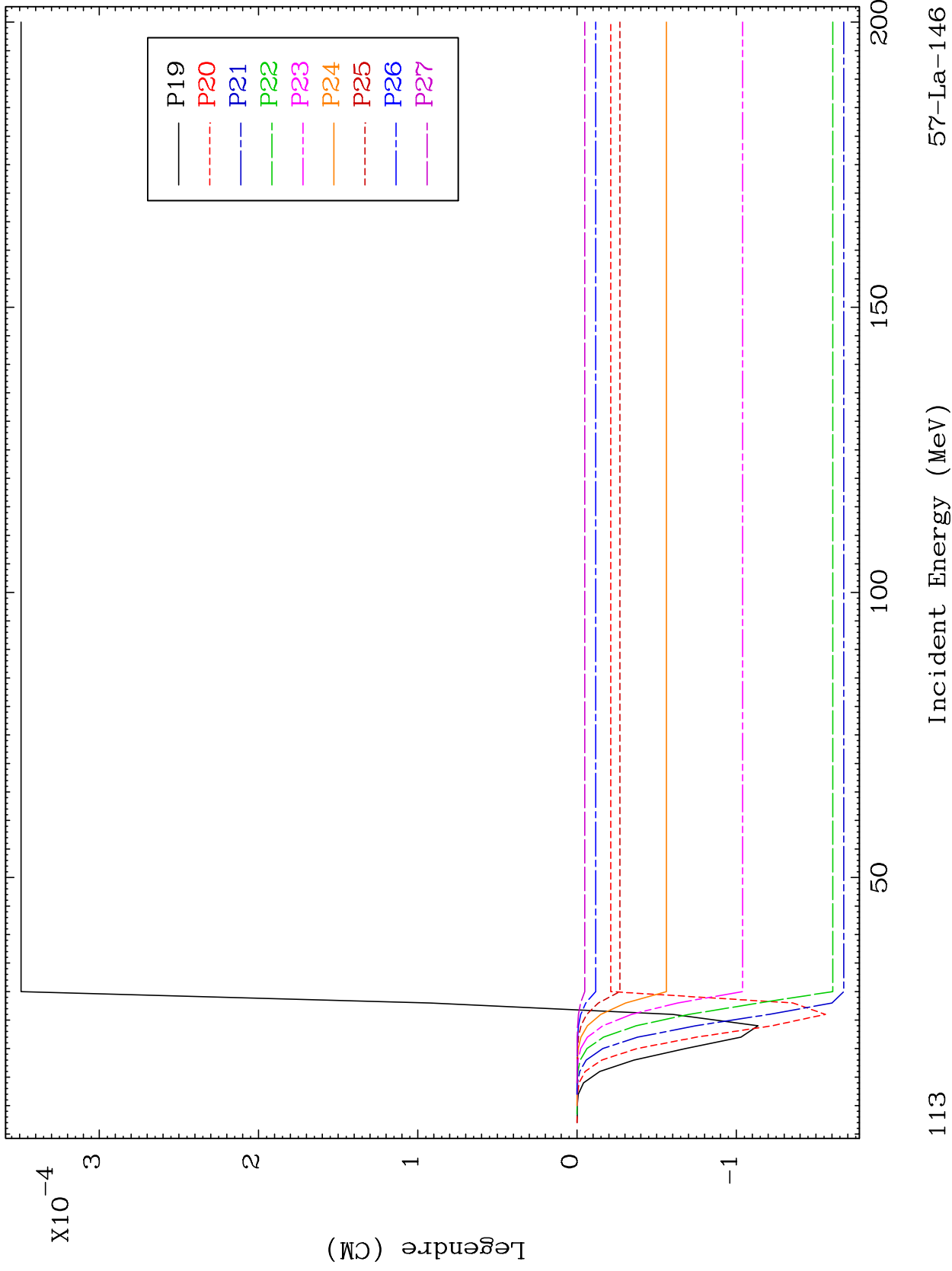
Incident Energy (MeV)

112

MAT 5749

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

57-La-146



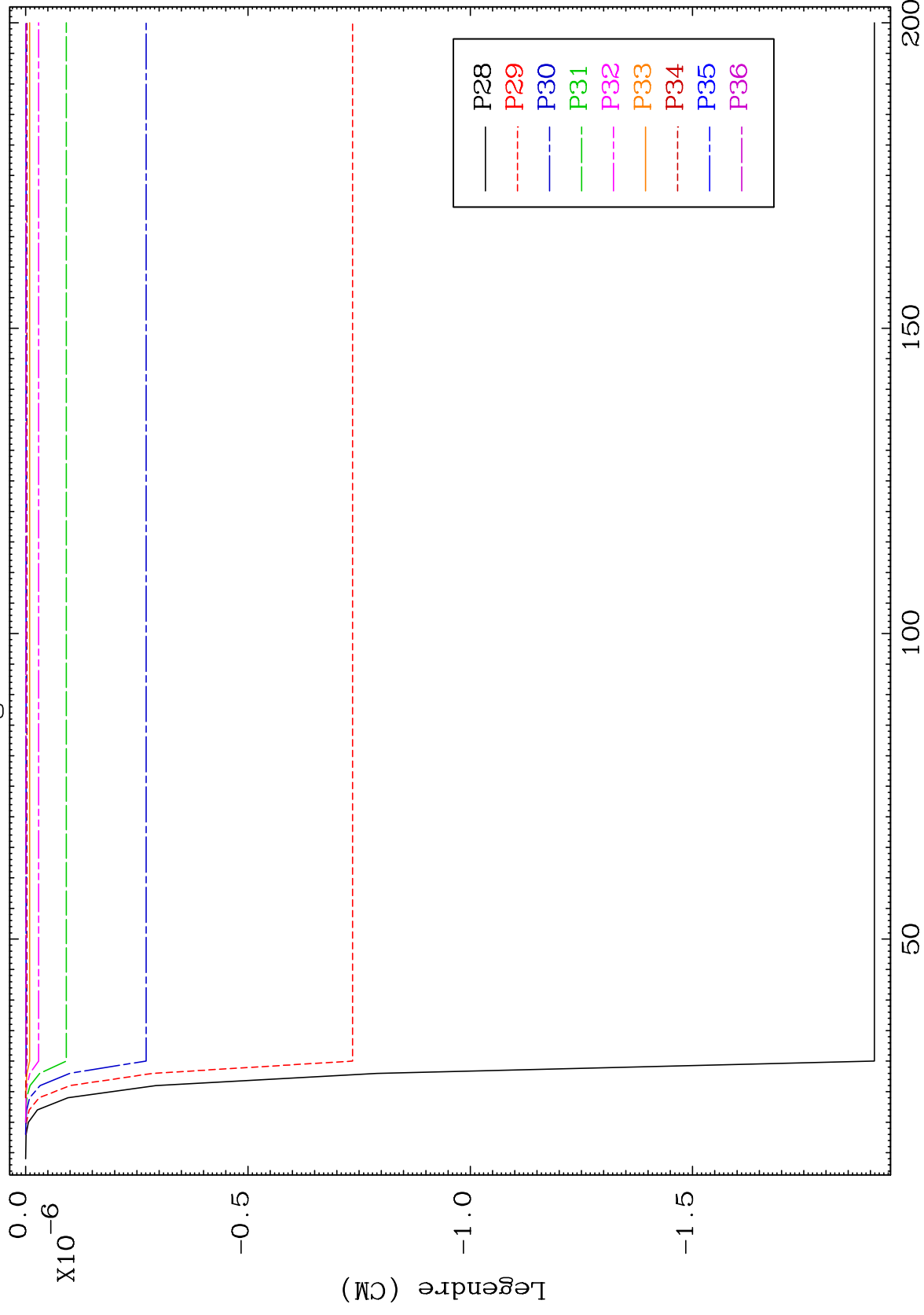
113

57-La-146

MAT 5749

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

57-La-146



114

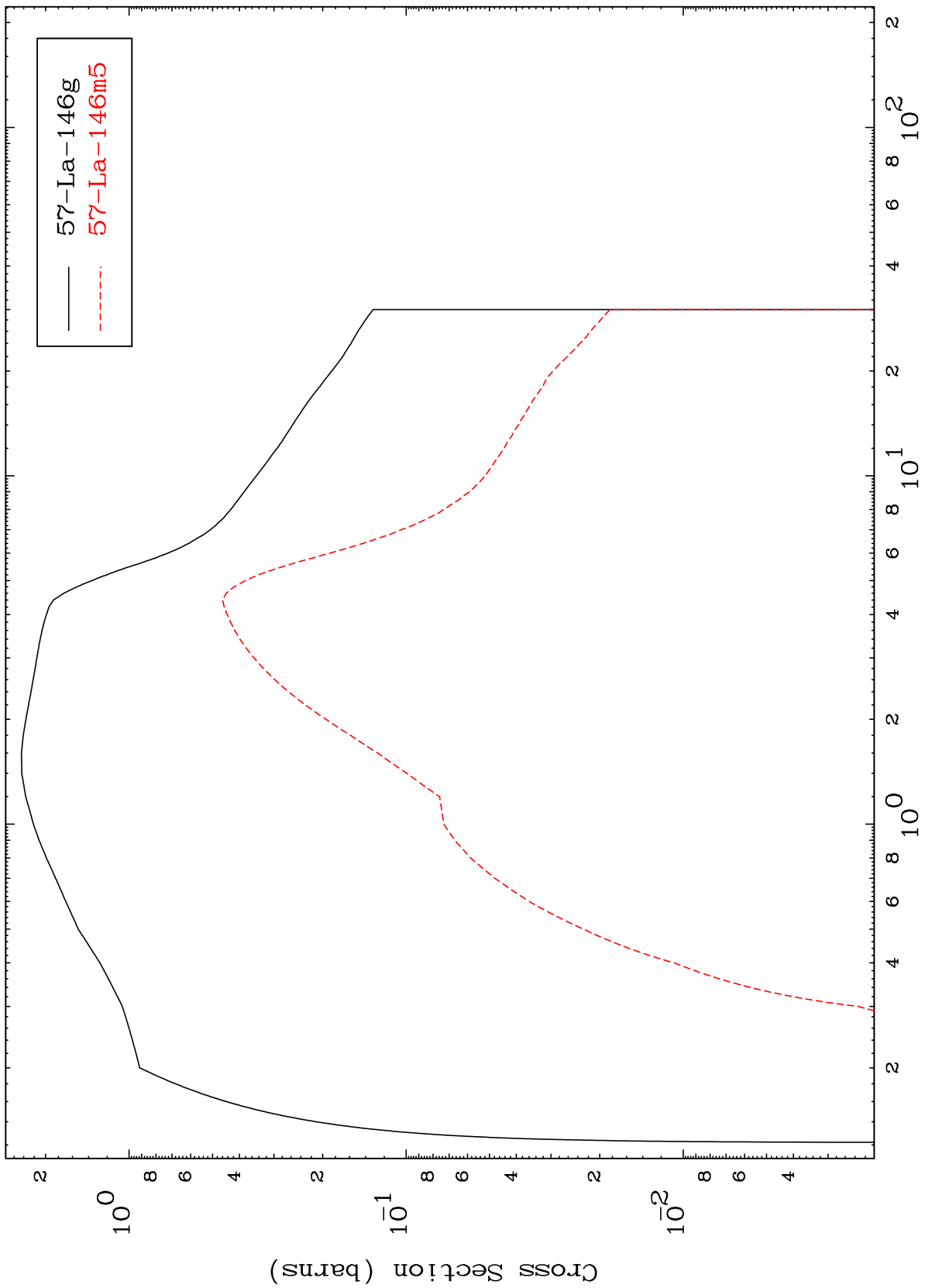
Incident Energy (MeV)

57-La-146

MAT 5749

57-La-146

Inelastic
Radionuclide Production Cross Section



57-La-146g
57-La-146m5

115

Incident Energy (MeV)

57-La-146

(n,He-3)
Radionuclide Production Cross Section

