

Program EVALPLOT
(Version 2017-1)

by

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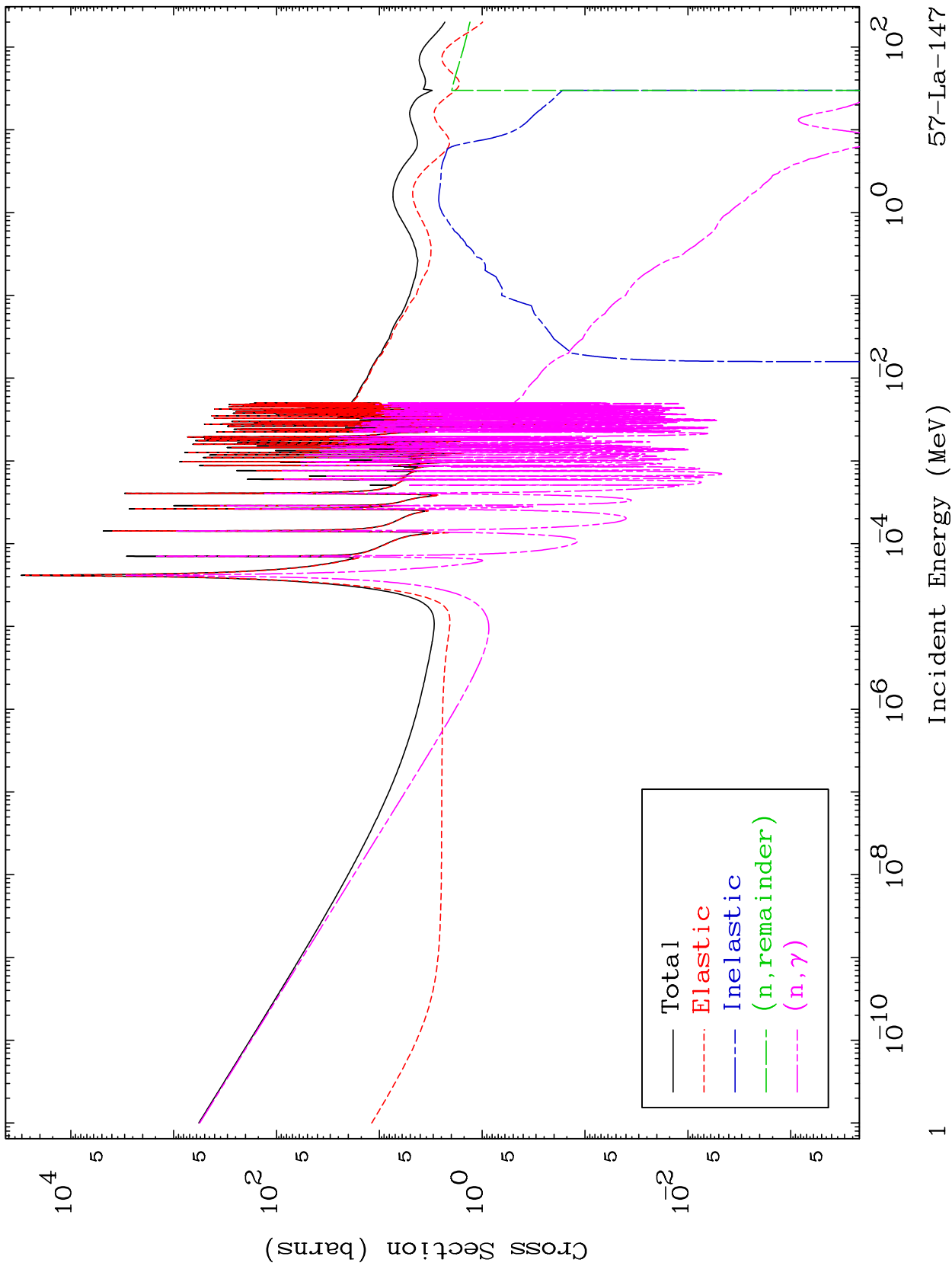
Press Mouse Button to Start

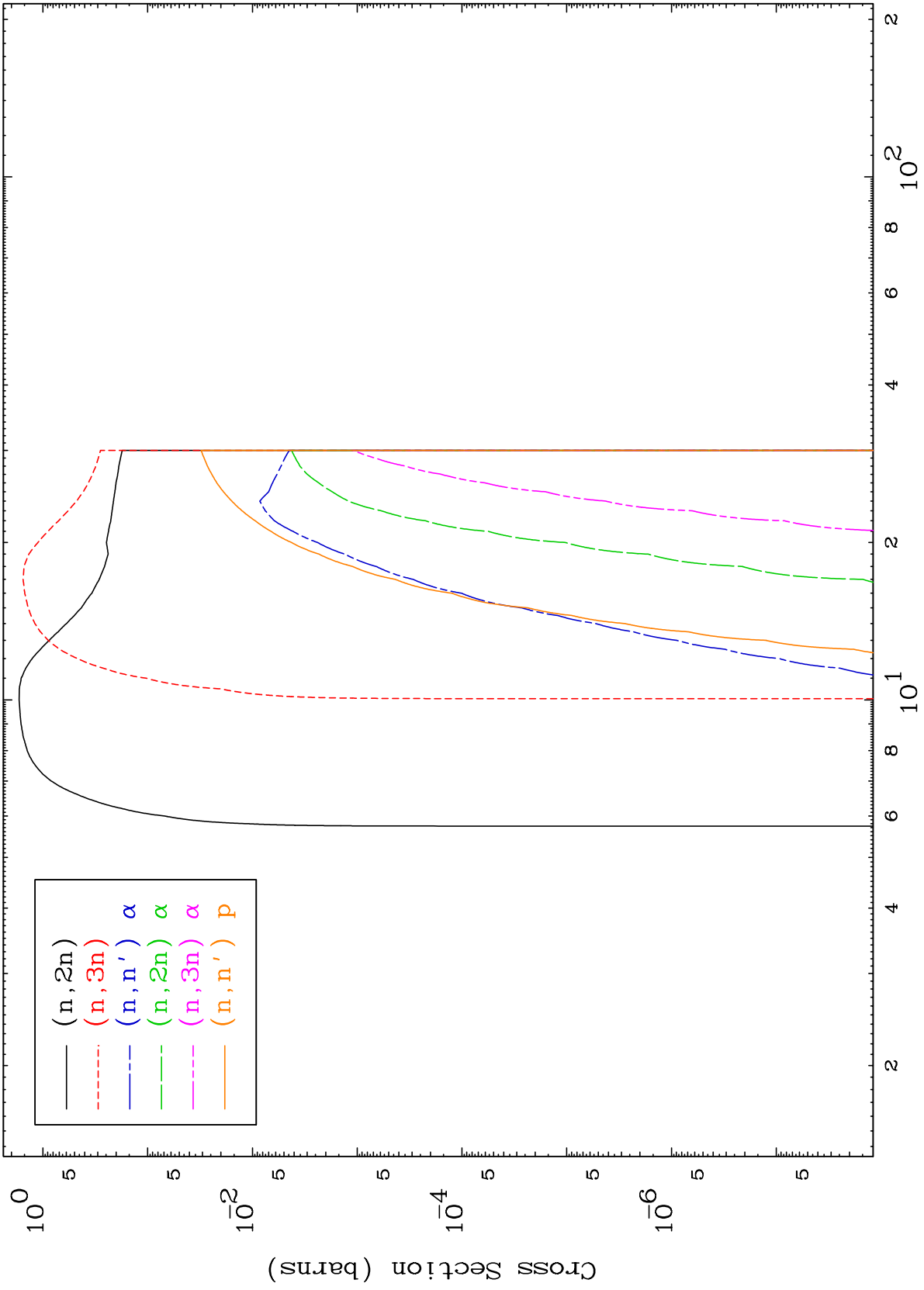
MAT 5752

Major

293 Kelvin Cross Sections

57-La-147

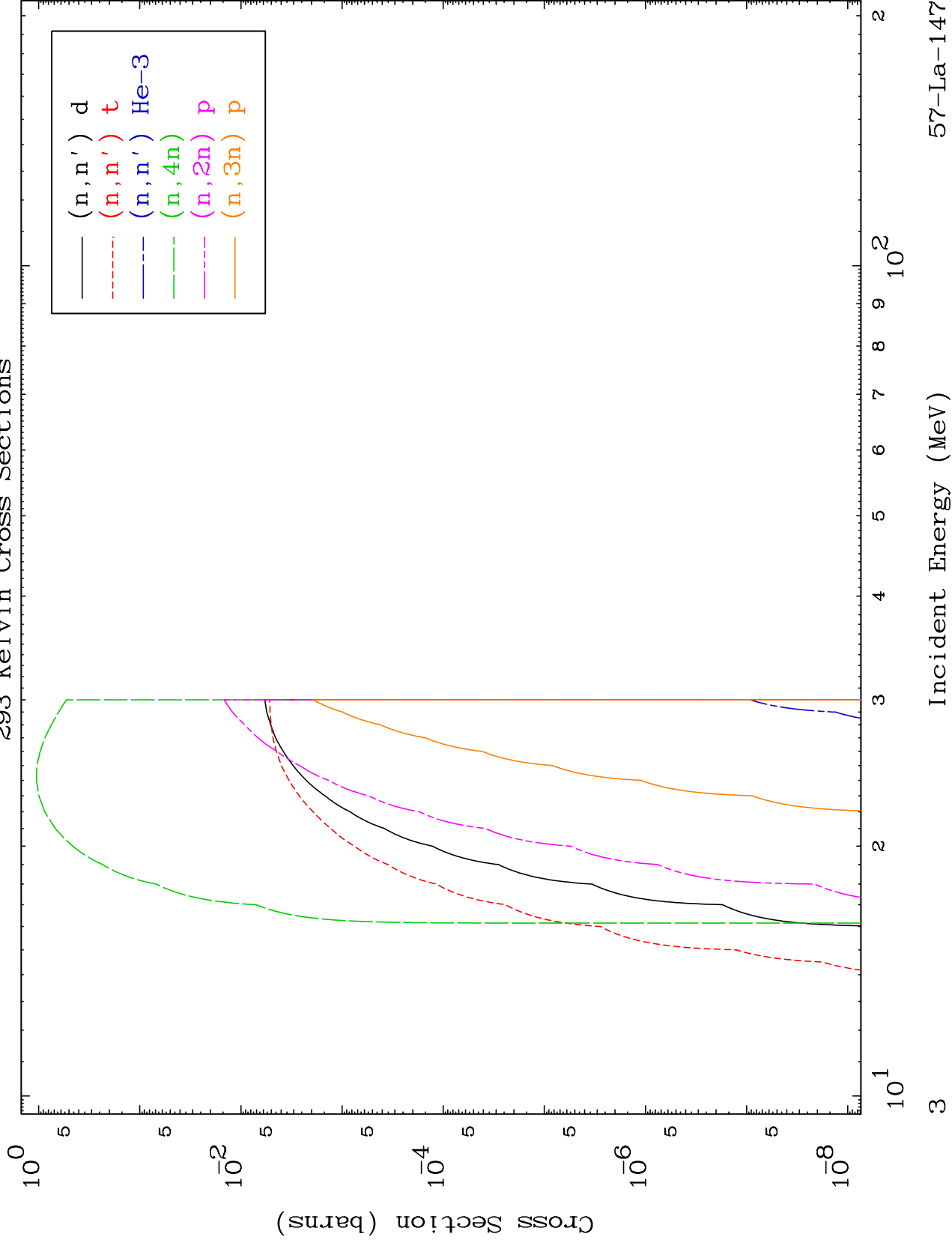




MAT 5752

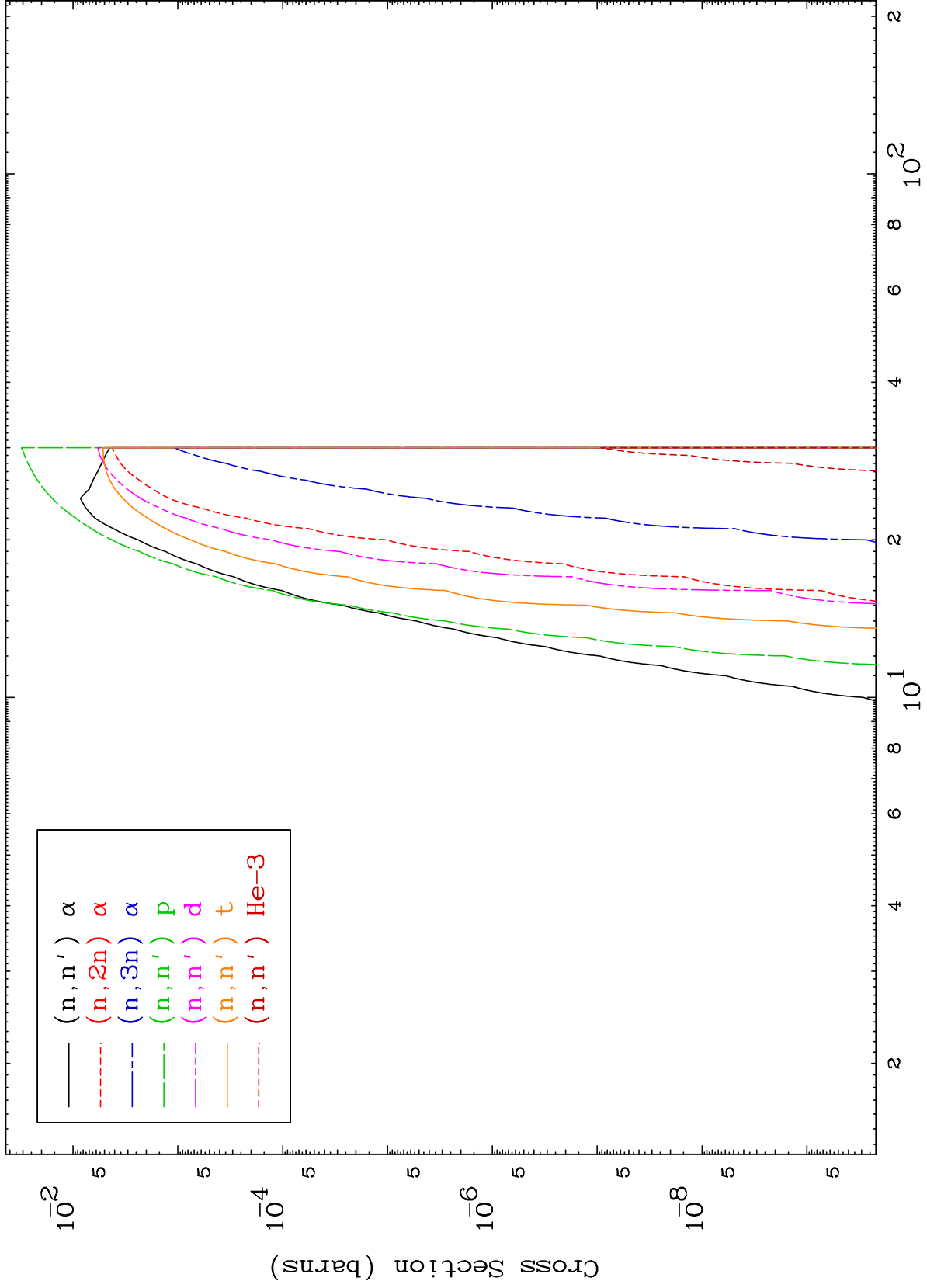
Neutron Production
293 Kelvin Cross Sections

57-La-147



57-La-147

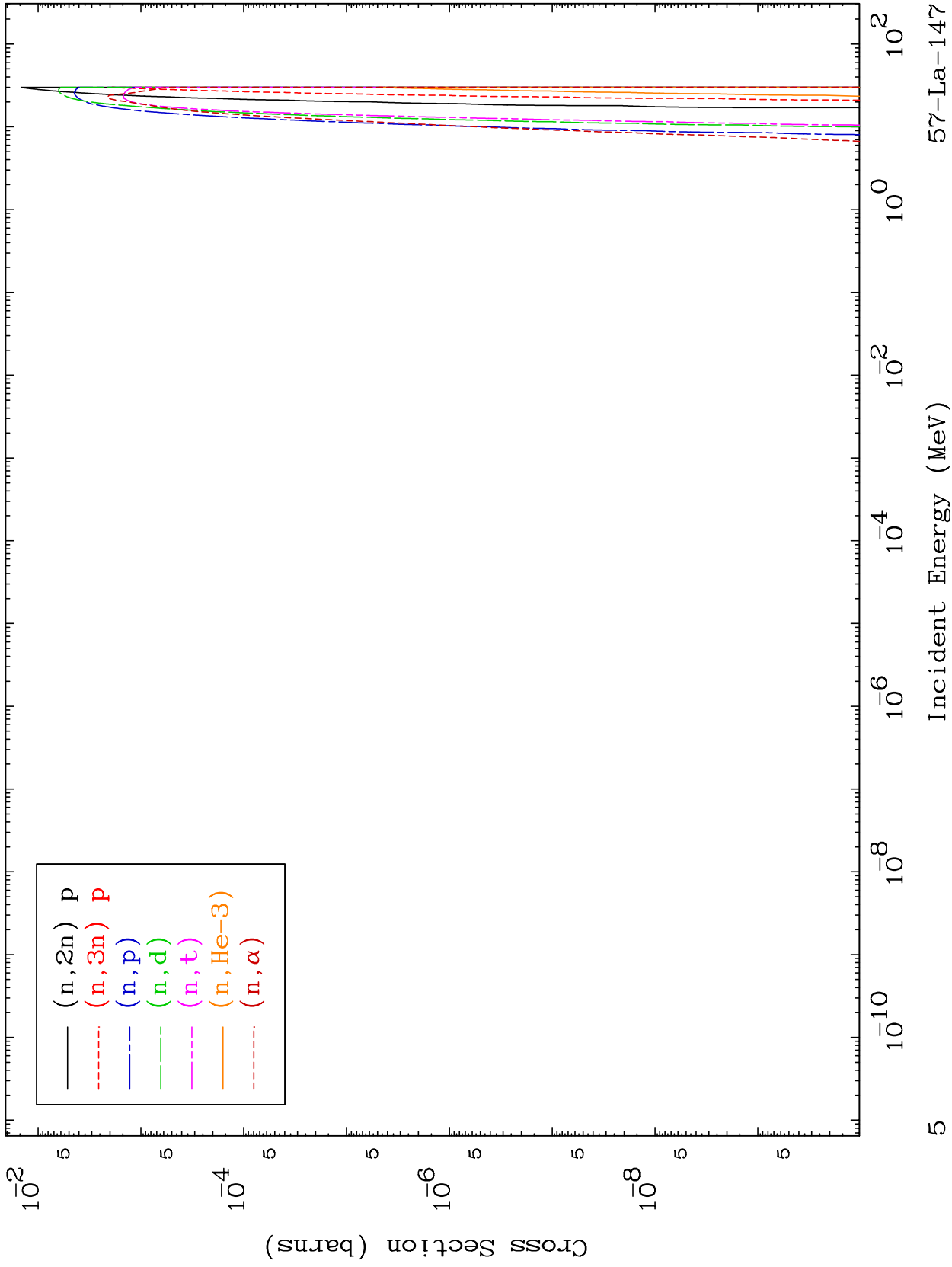
Incident Energy (MeV)



MAT 5752

Charged Particle
293 Kelvin Cross Sections

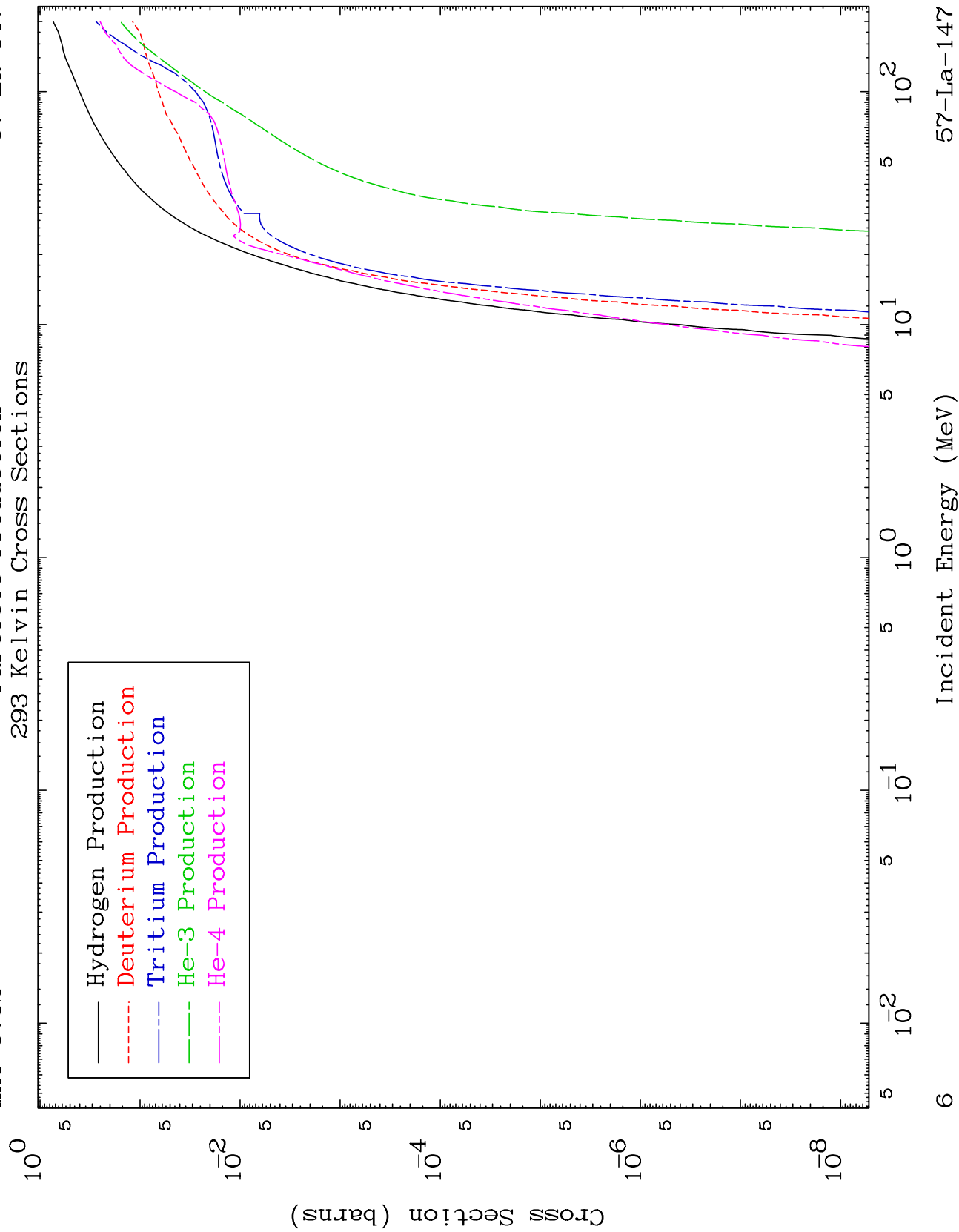
57-La-147



MAT 5752

Particle Production
293 Kelvin Cross Sections

57-La-147



57-La-147

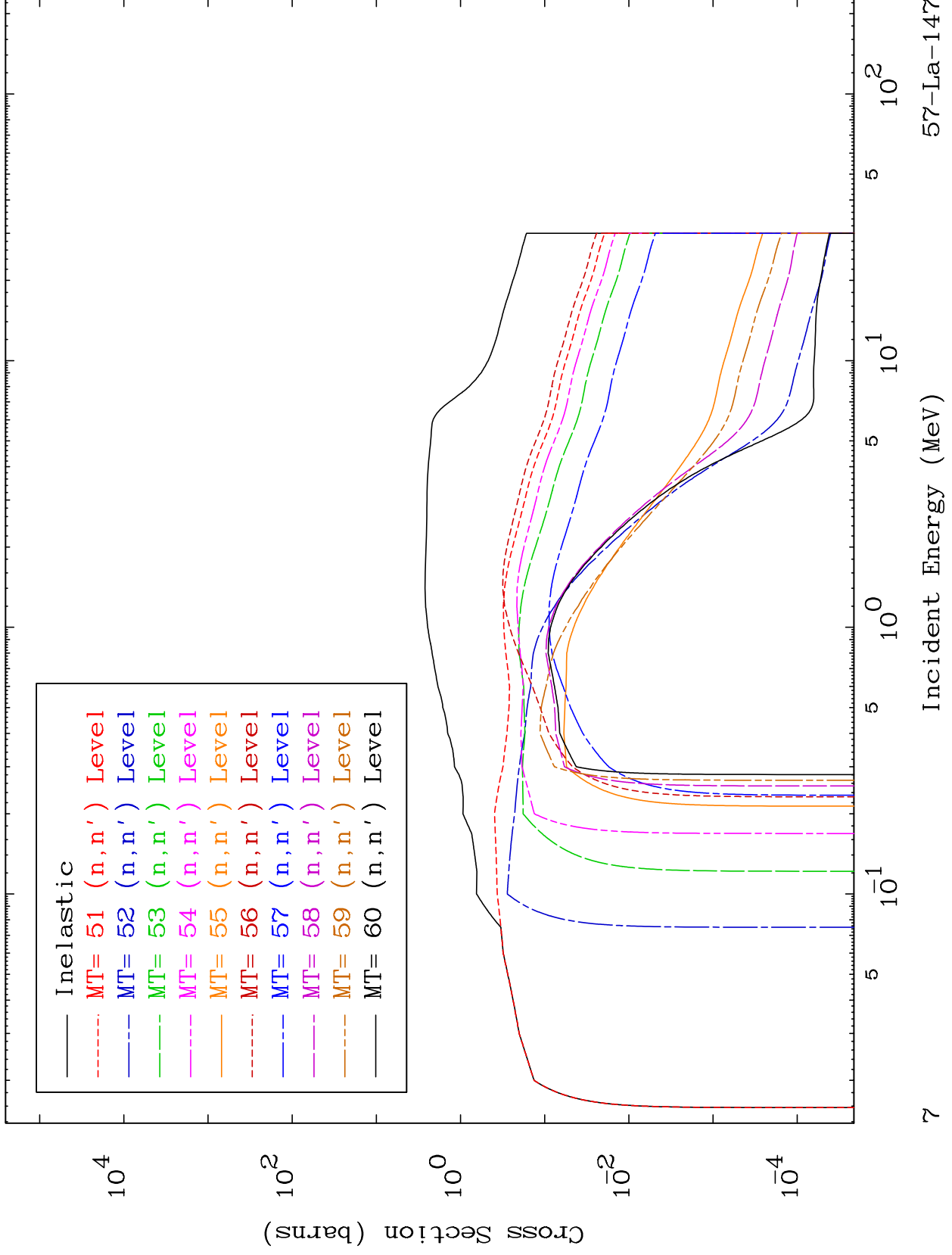
Incident Energy (MeV)

6

MAT 5752

(n,n') Level
293 Kelvin Cross Sections

57-La-147

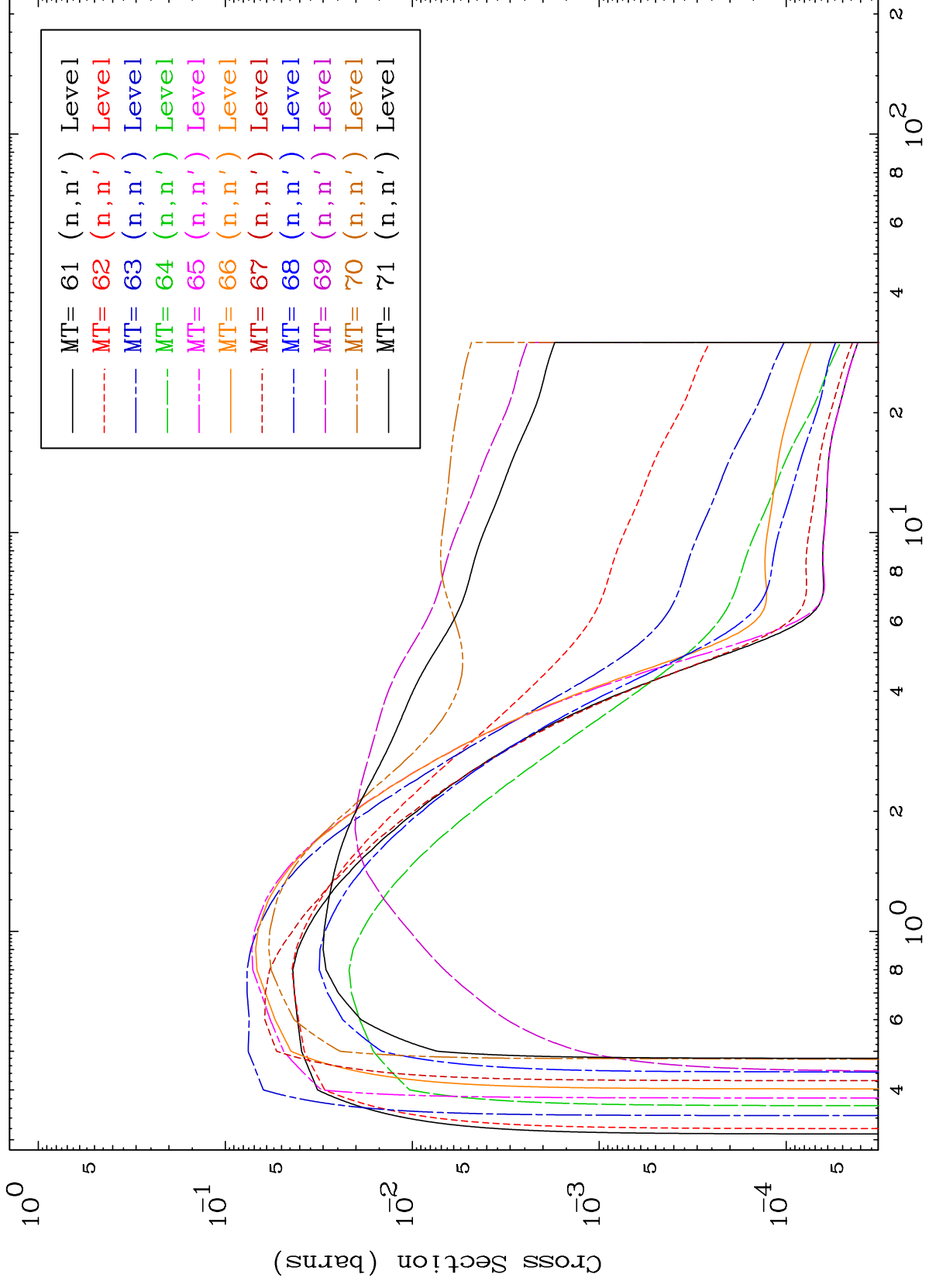


MAT 5752

(n,n') Level

57-La-147

293 Kelvin Cross Sections

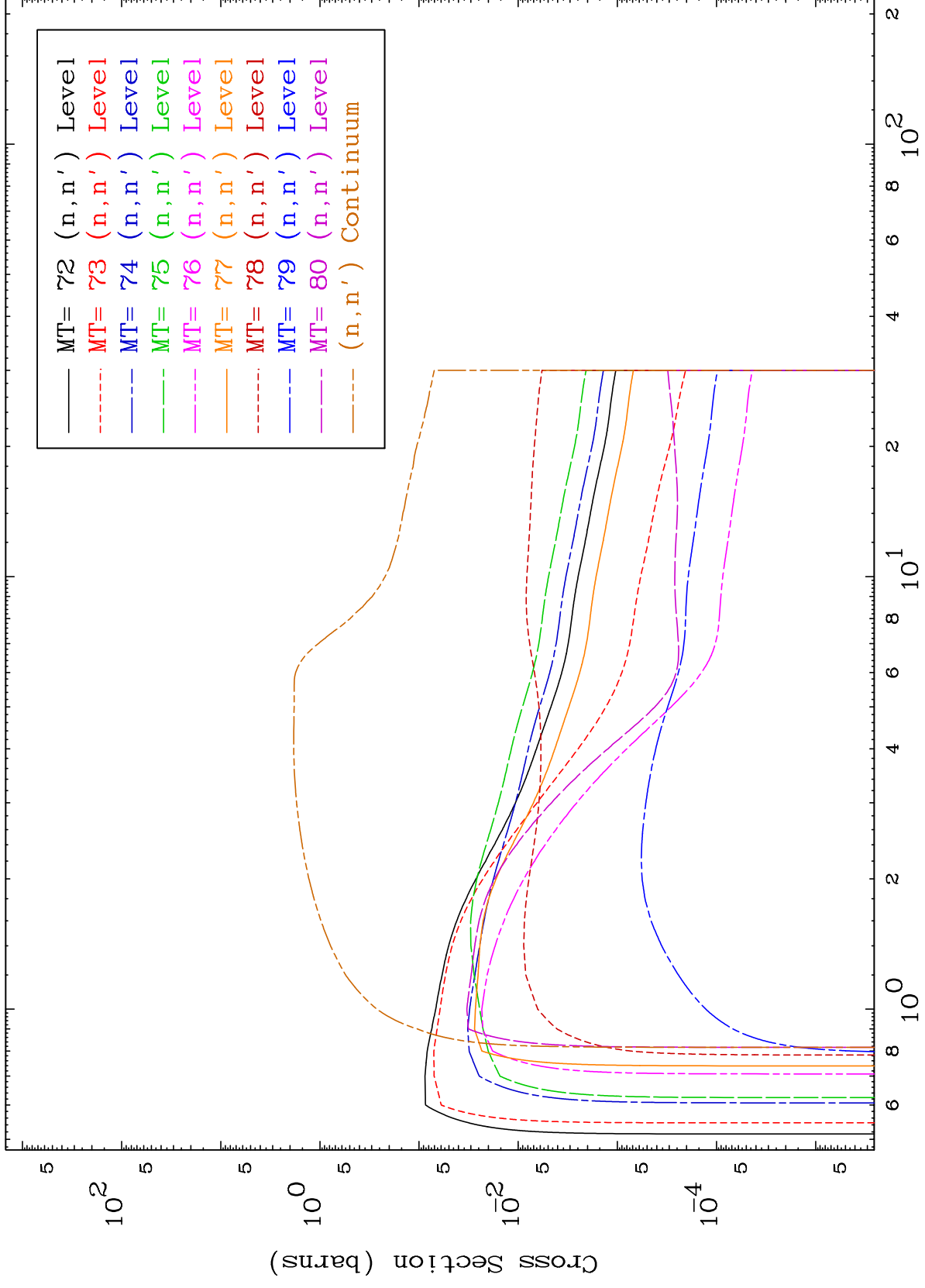


8

Incident Energy (MeV)

57-La-147

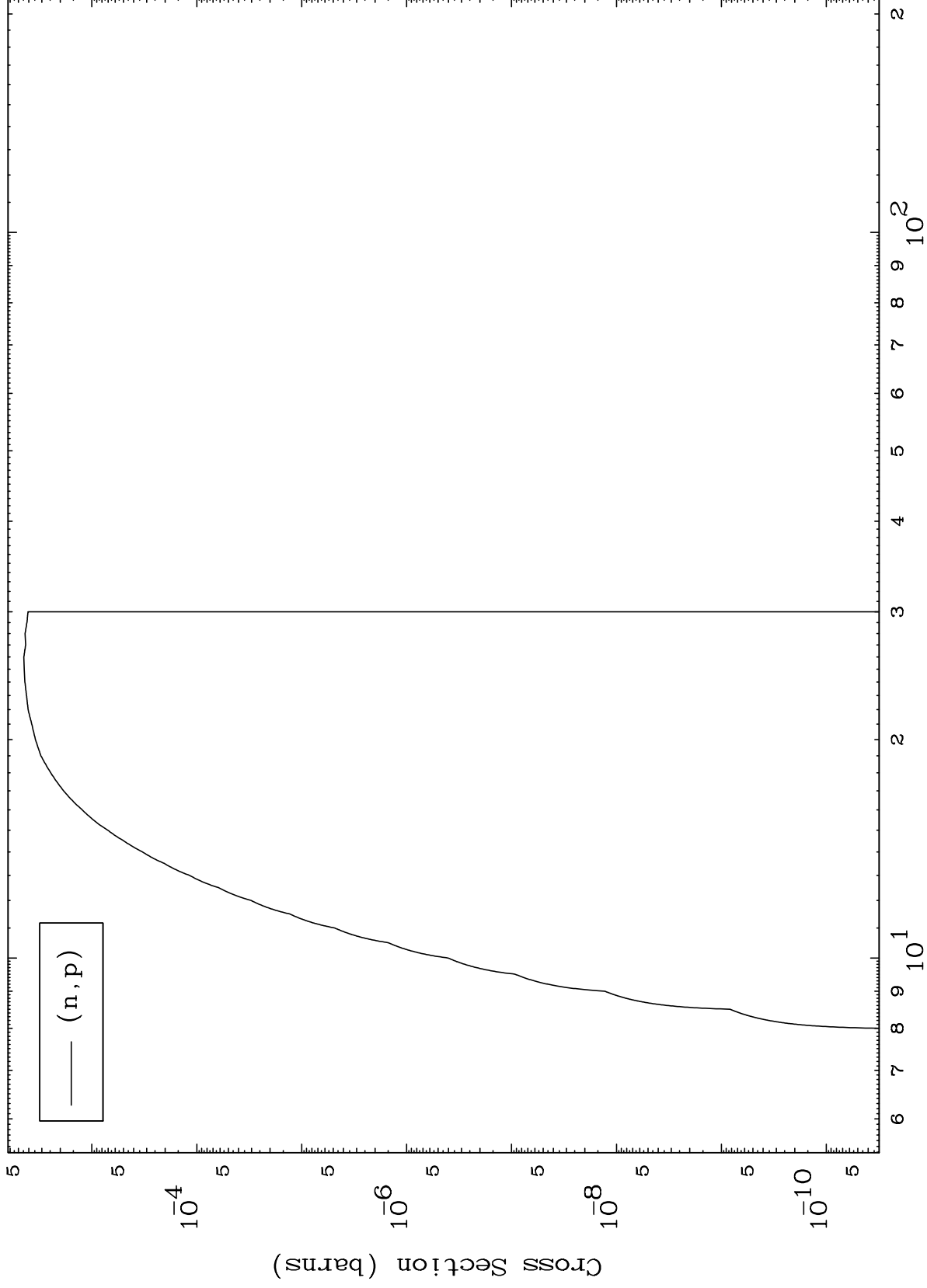
293 Kelvin Cross Sections



MAT 5752

(n,p) Levels
293 Kelvin Cross Sections

57-La-147



10

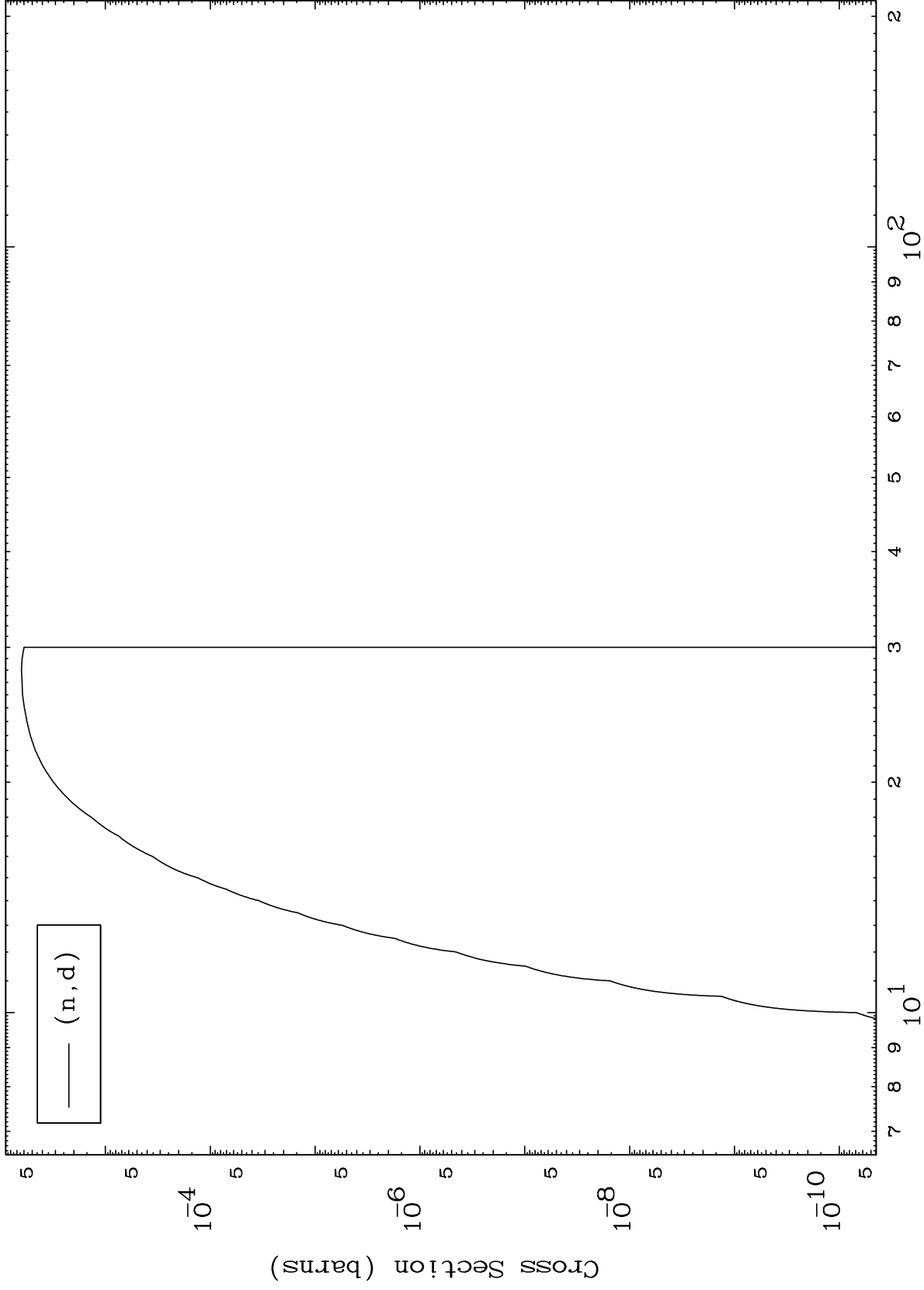
Incident Energy (MeV)

57-La-147

MAT 5752

(n,d) Levels
293 Kelvin Cross Sections

57-La-147



11

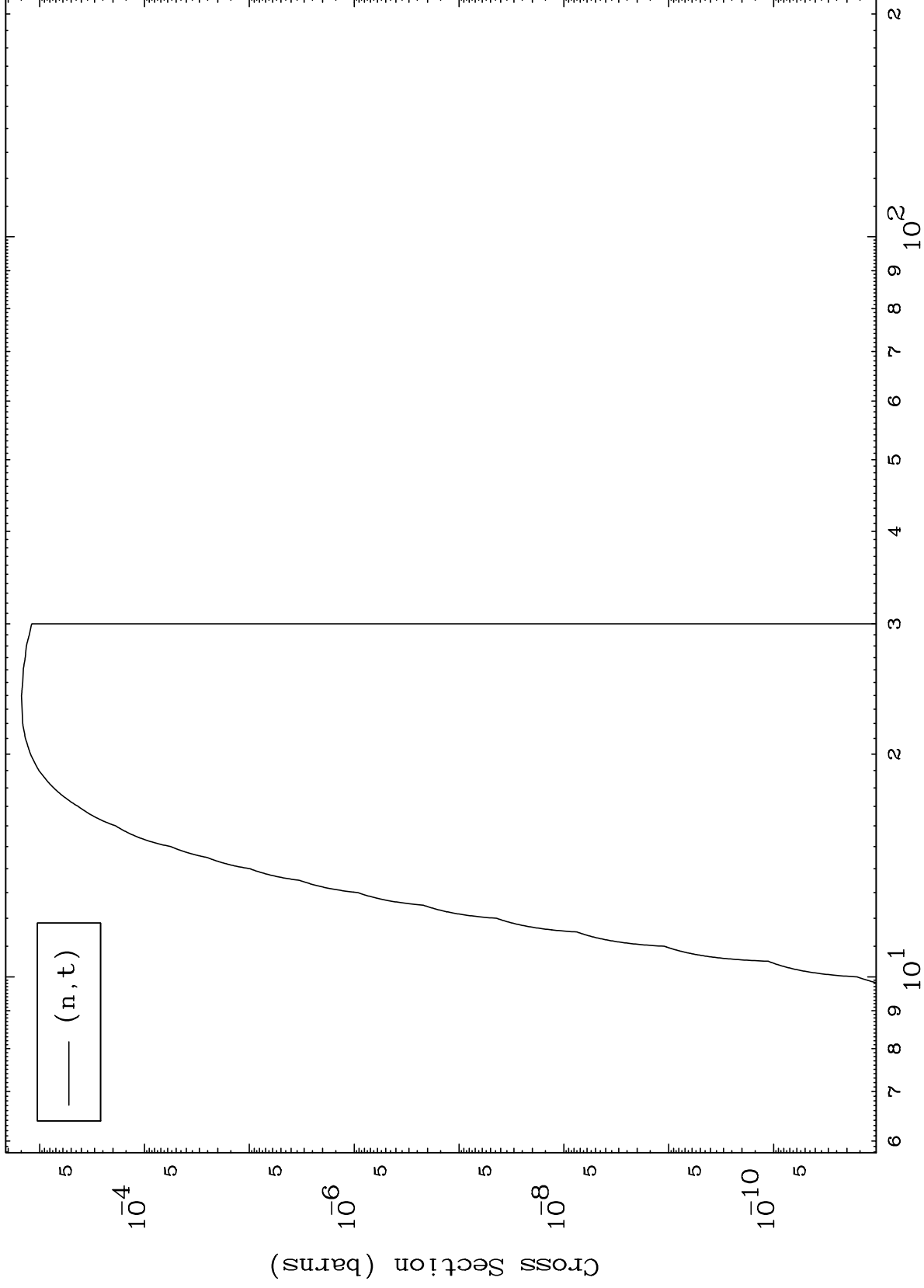
Incident Energy (MeV)

57-La-147

MAT 5752

(n,t) Levels
293 Kelvin Cross Sections

57-La-147



12

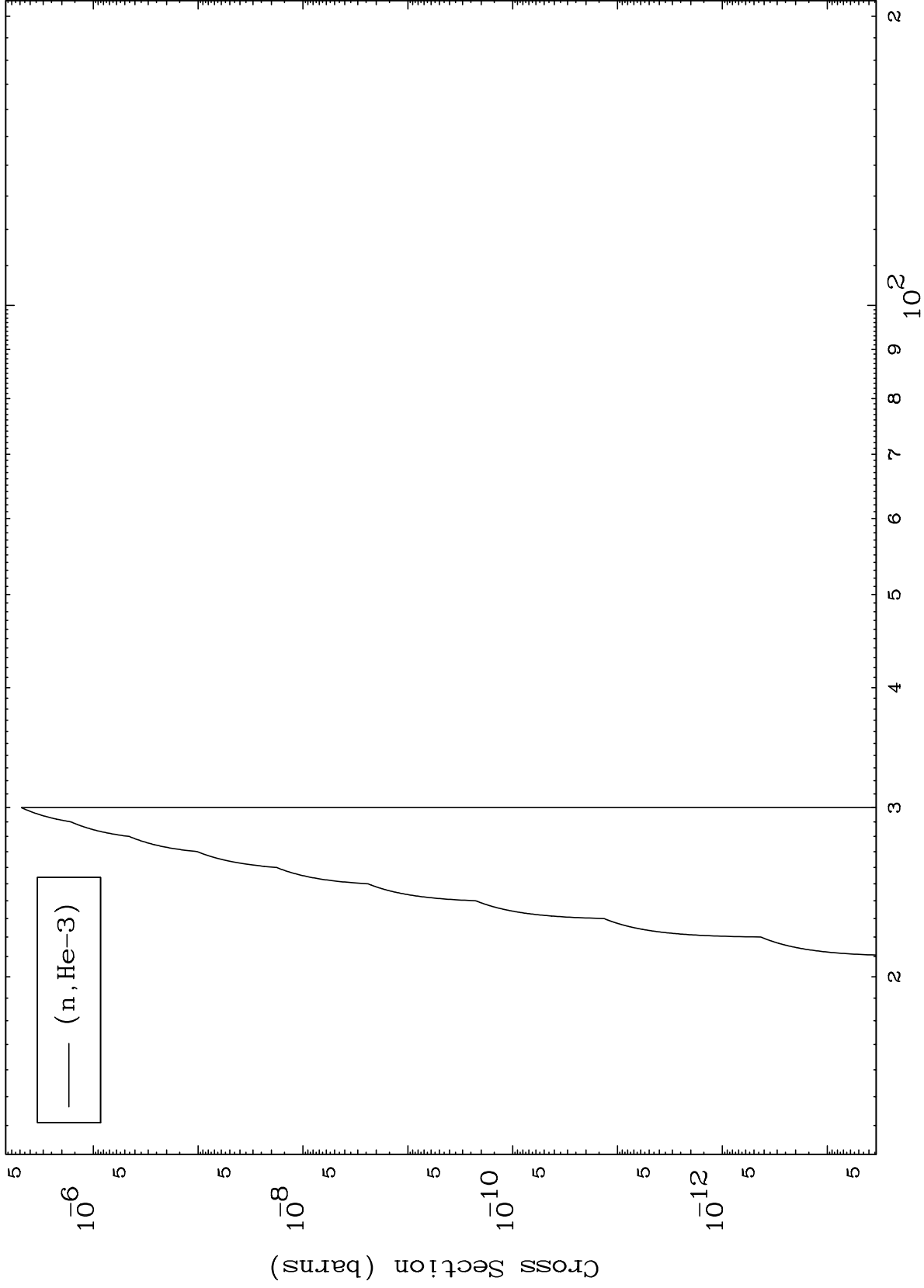
Incident Energy (MeV)

57-La-147

MAT 5752

(n,He3) Levels
293 Kelvin Cross Sections

57-La-147



13

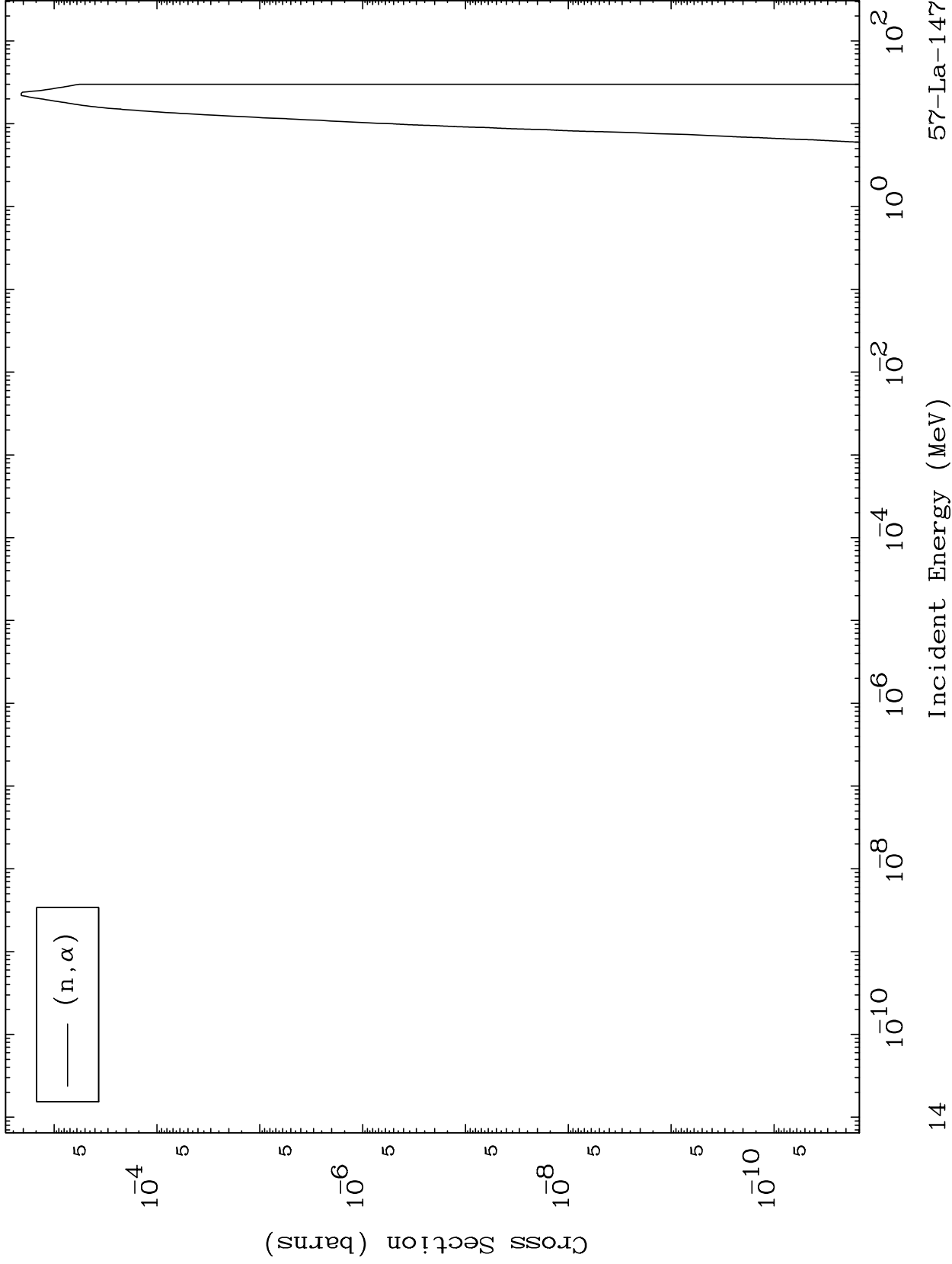
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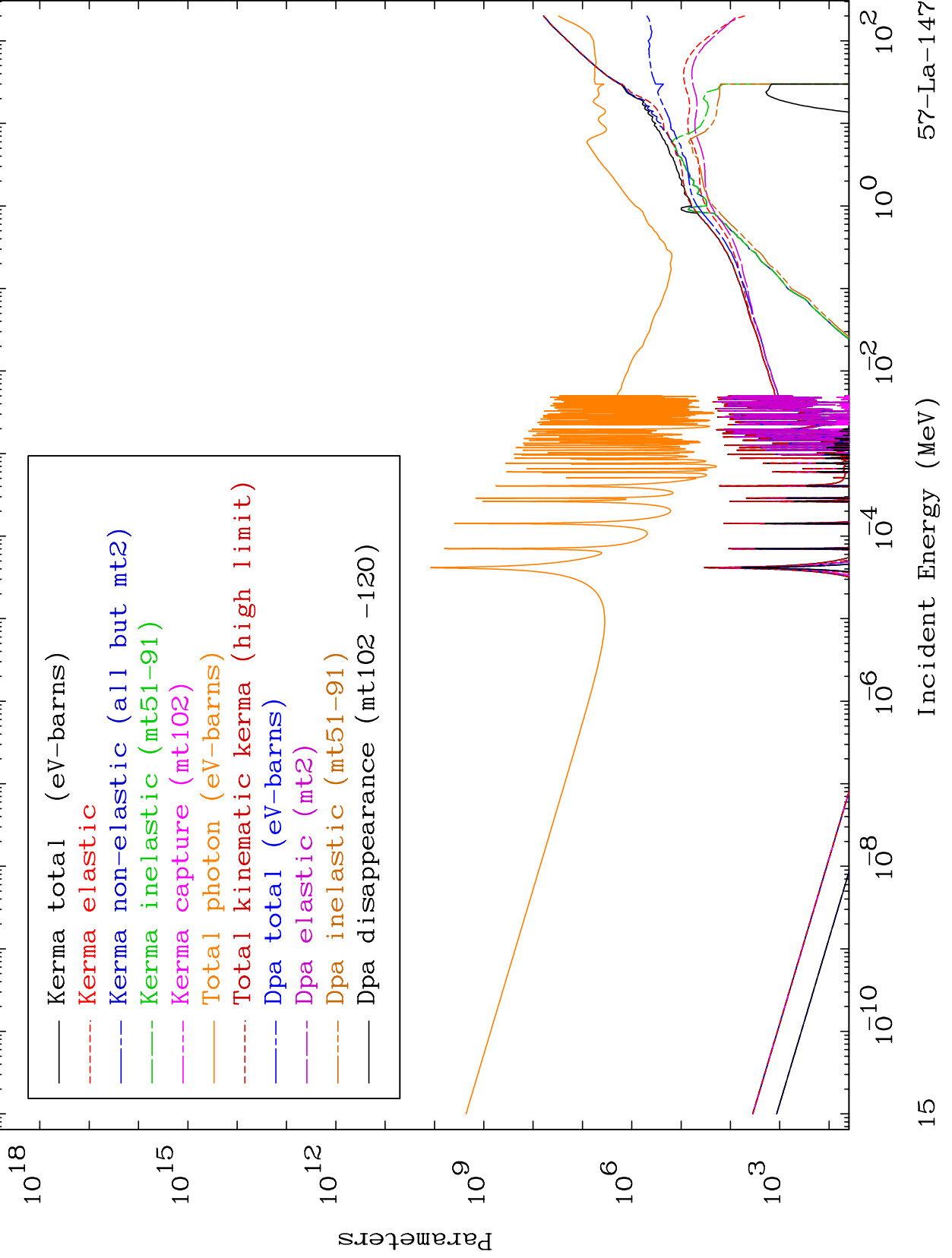
57-La-147

MAT 5752

(n, α) Levels
293 Kelvin Cross Sections

57-La-147

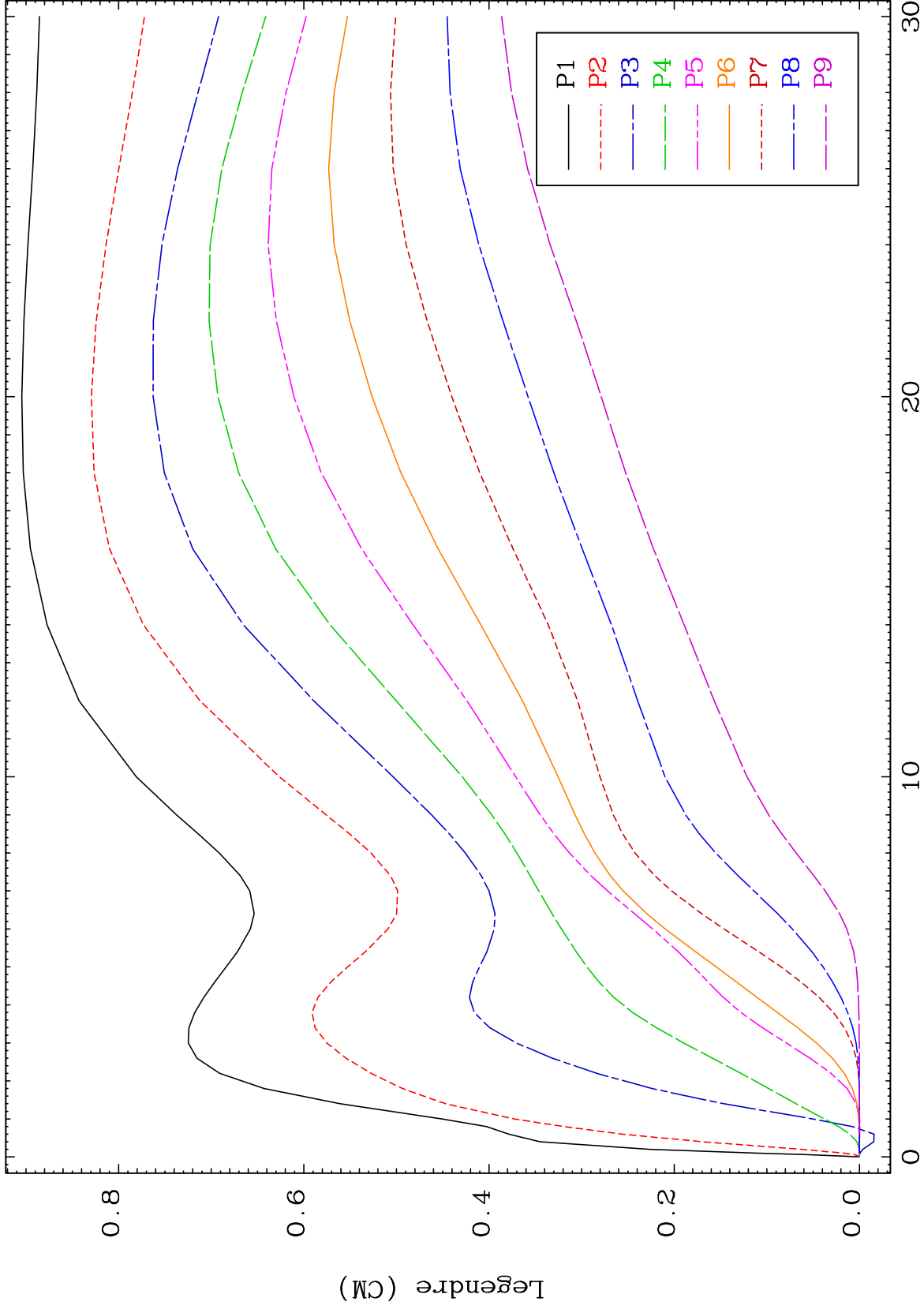




MAT 5752

Elastic Legendre Coefficients

57-La-147



16

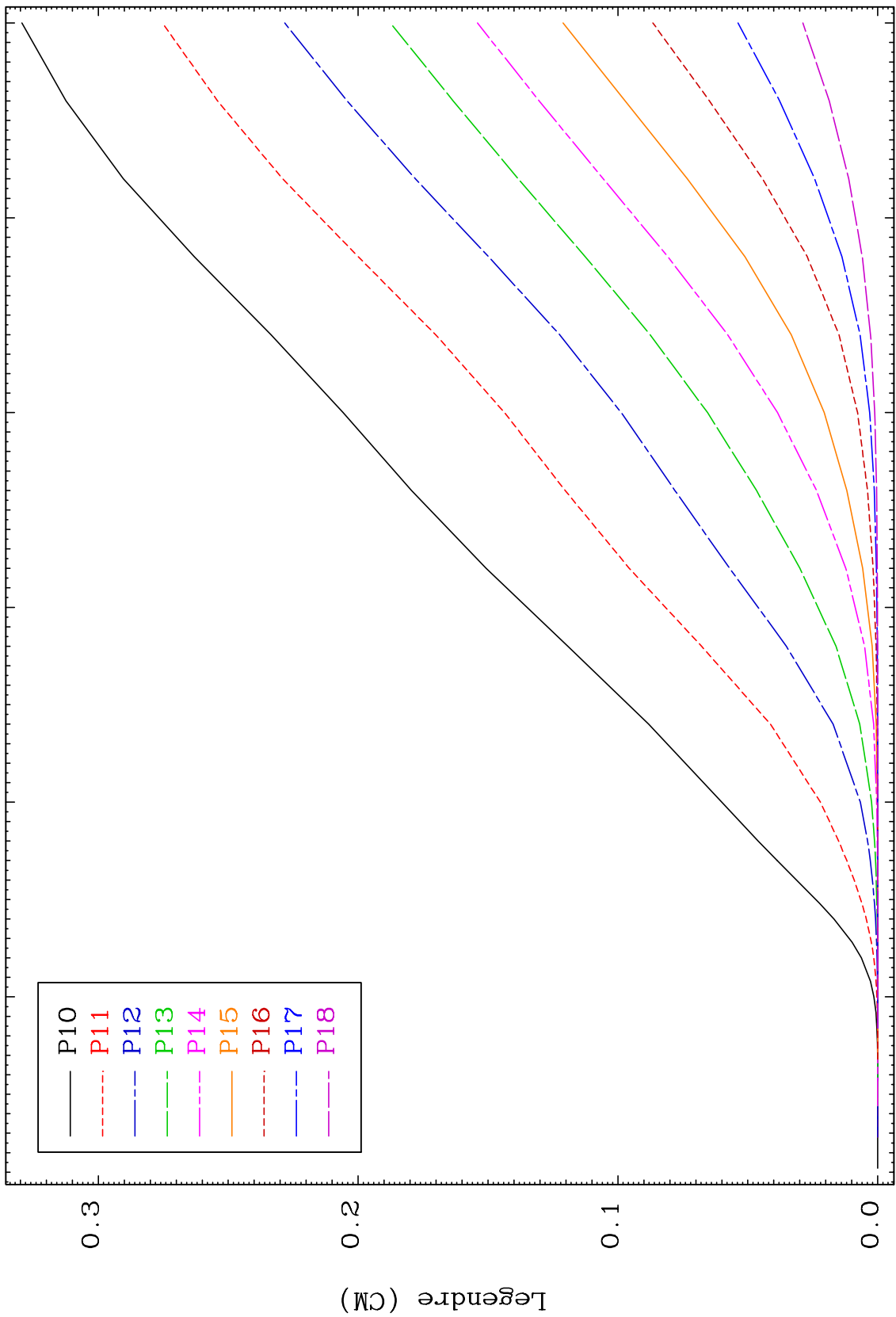
Incident Energy (MeV)

57-La-147

MAT 5752

Elastic Legendre Coefficients

57-La-147



17

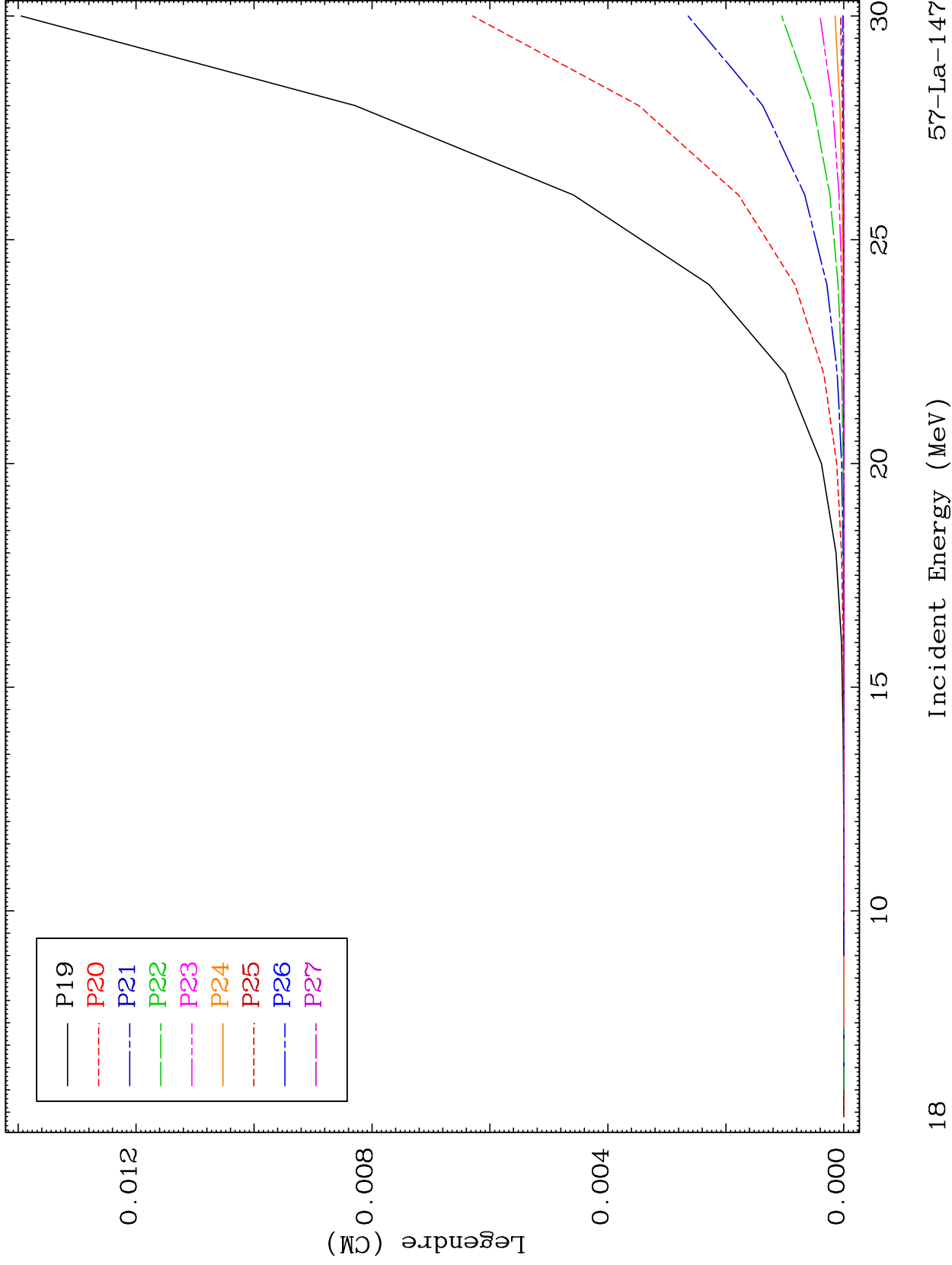
Incident Energy (MeV)

57-La-147

MAT 5752

Elastic Legendre Coefficients

57-La-147



18

Incident Energy (MeV)

57-La-147

30

25

20

15

10

Legendre (CM)

0.012

0.008

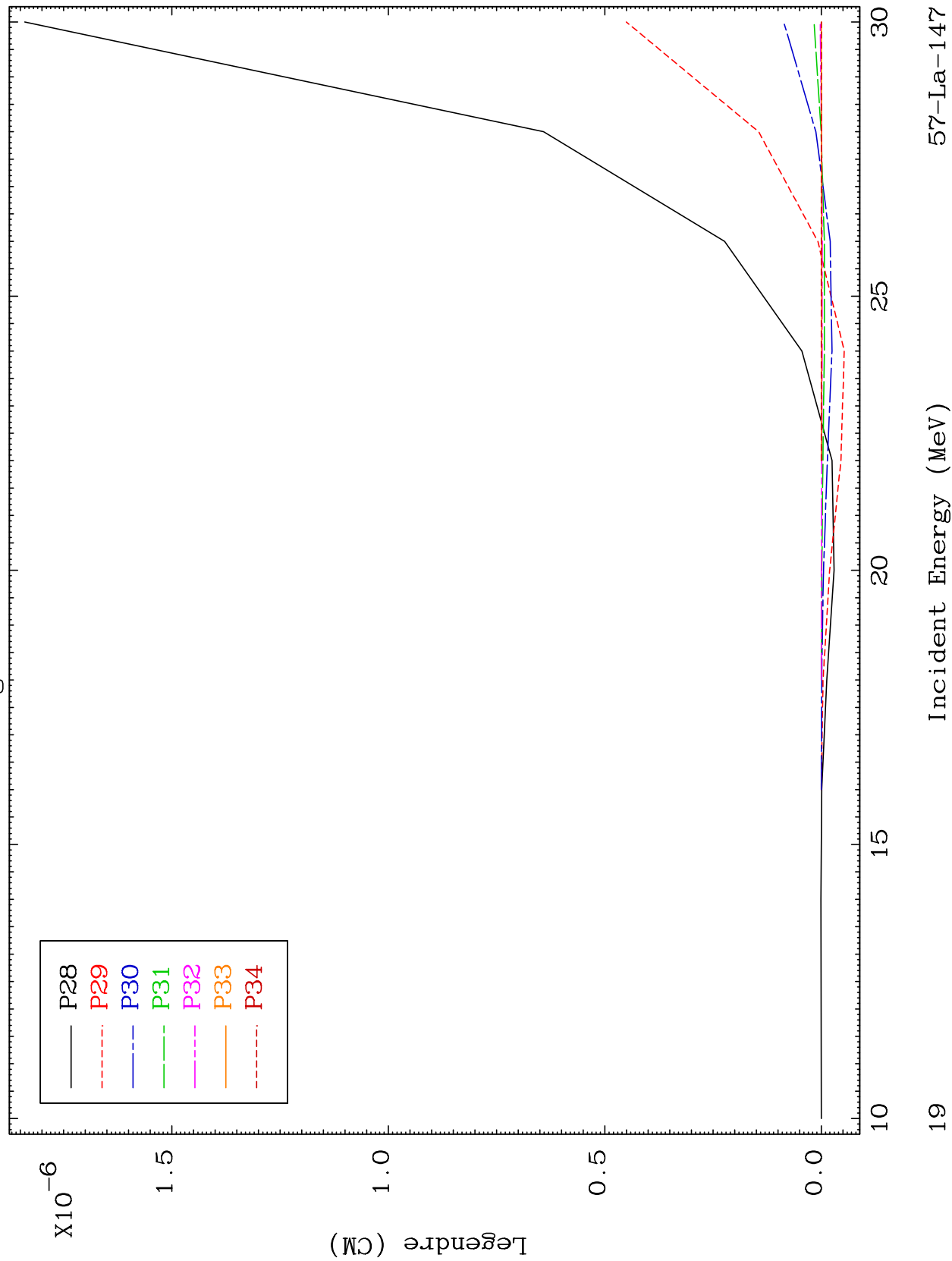
0.004

0.000

MAT 5752

Elastic Legendre Coefficients

57-La-147



19

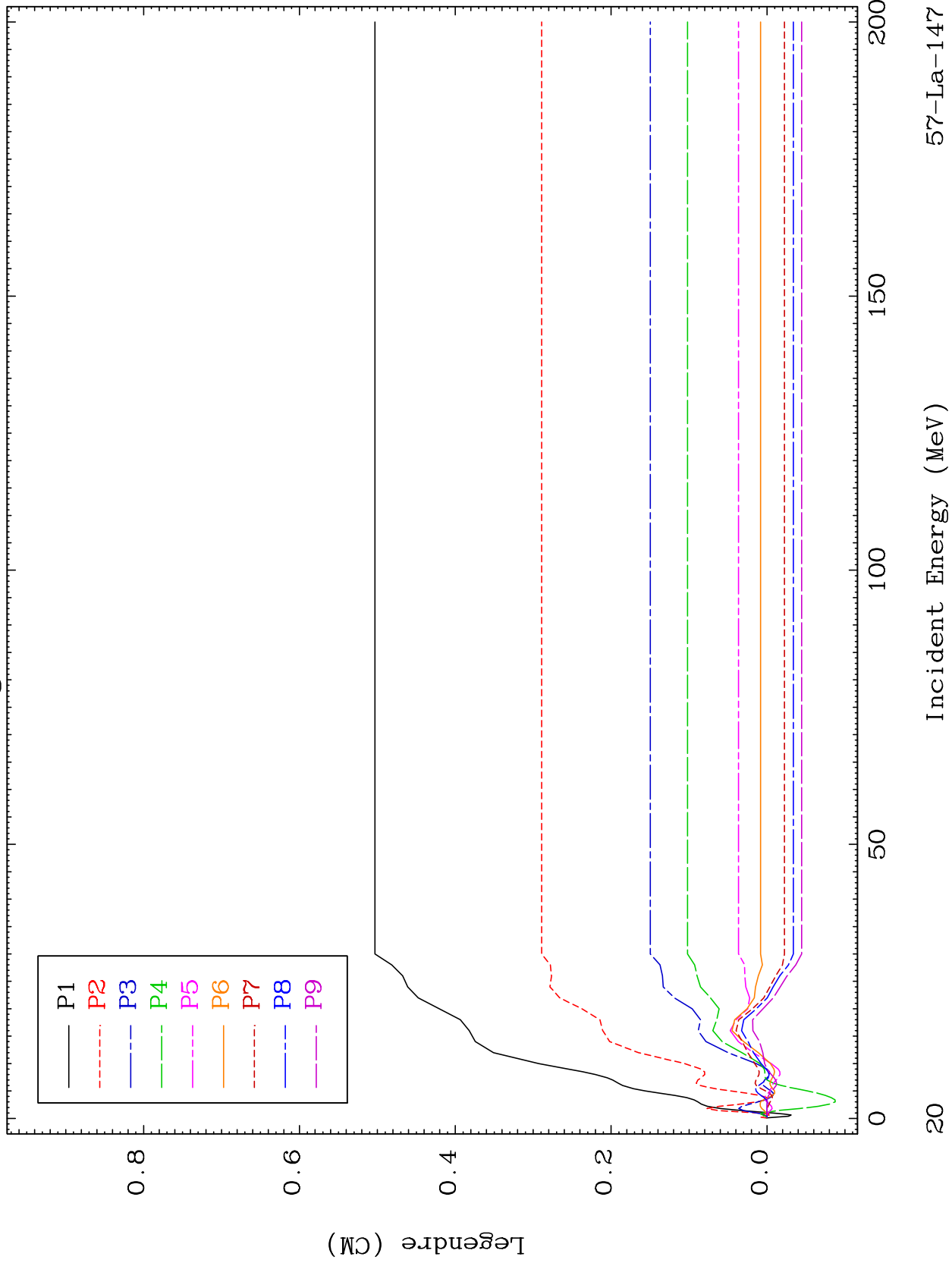
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



57-La-147

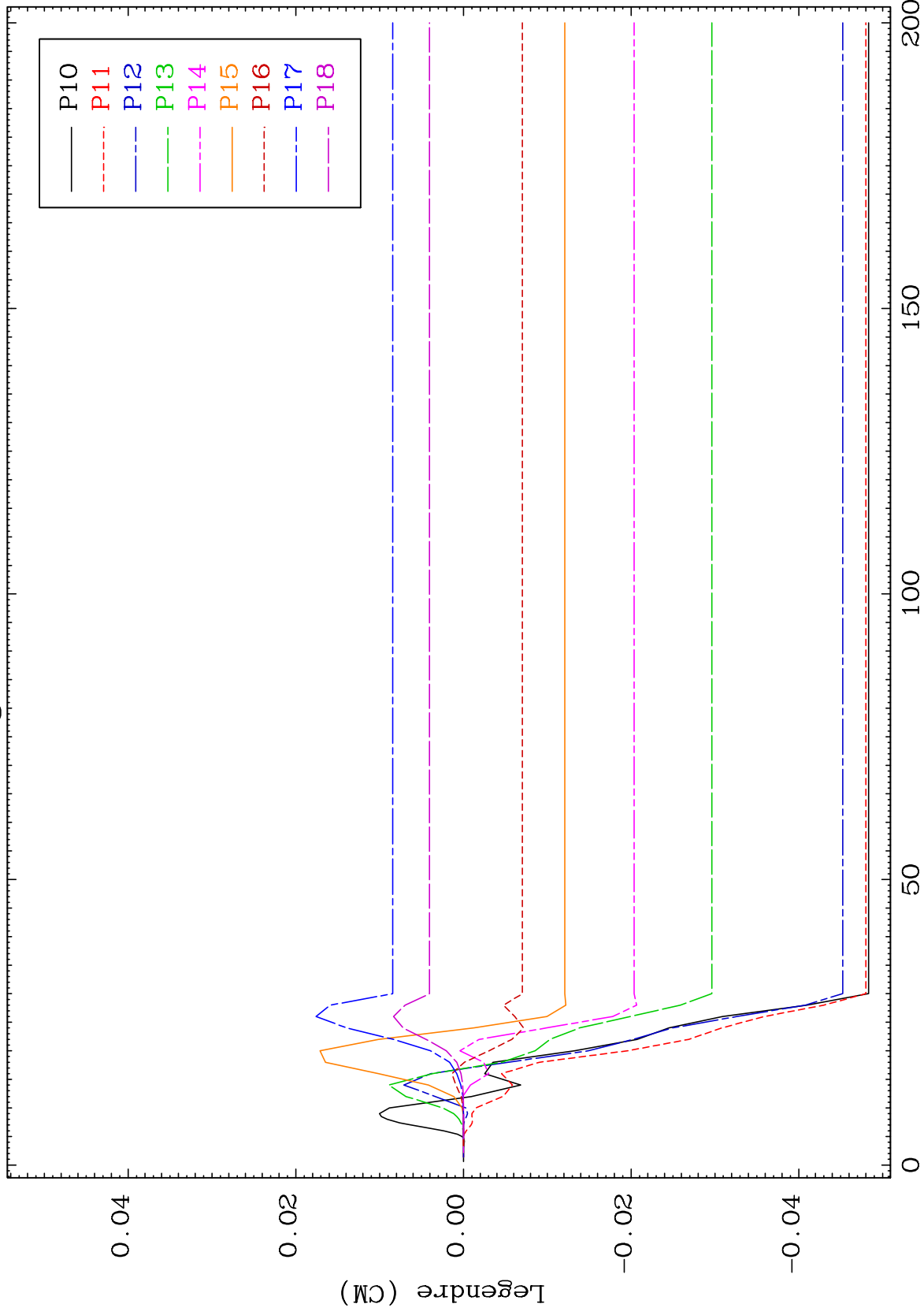
Incident Energy (MeV)

0

MAT 5752

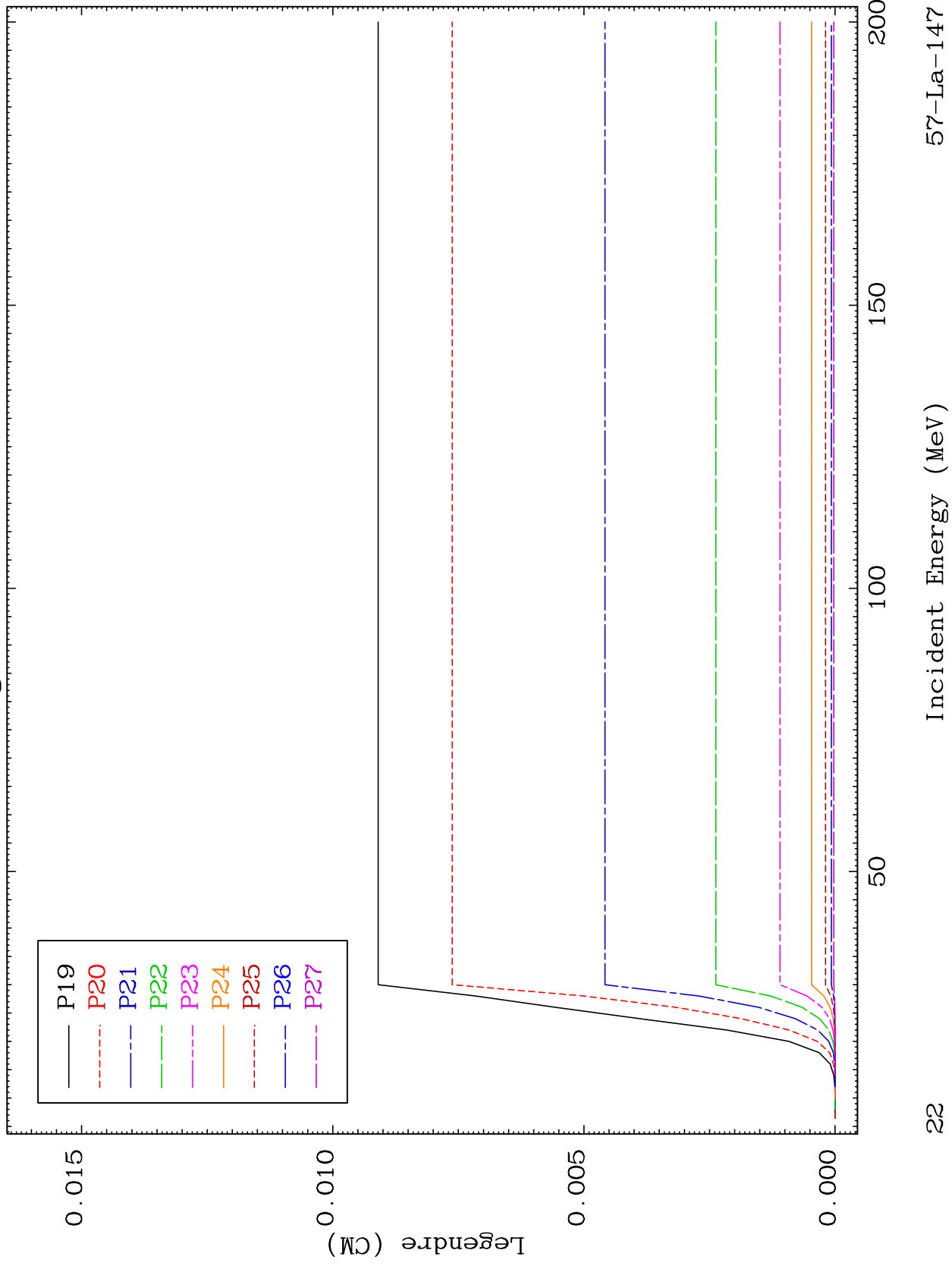
MT= 51 (n,n') Level
Legendre Coefficients

57-La-147



21

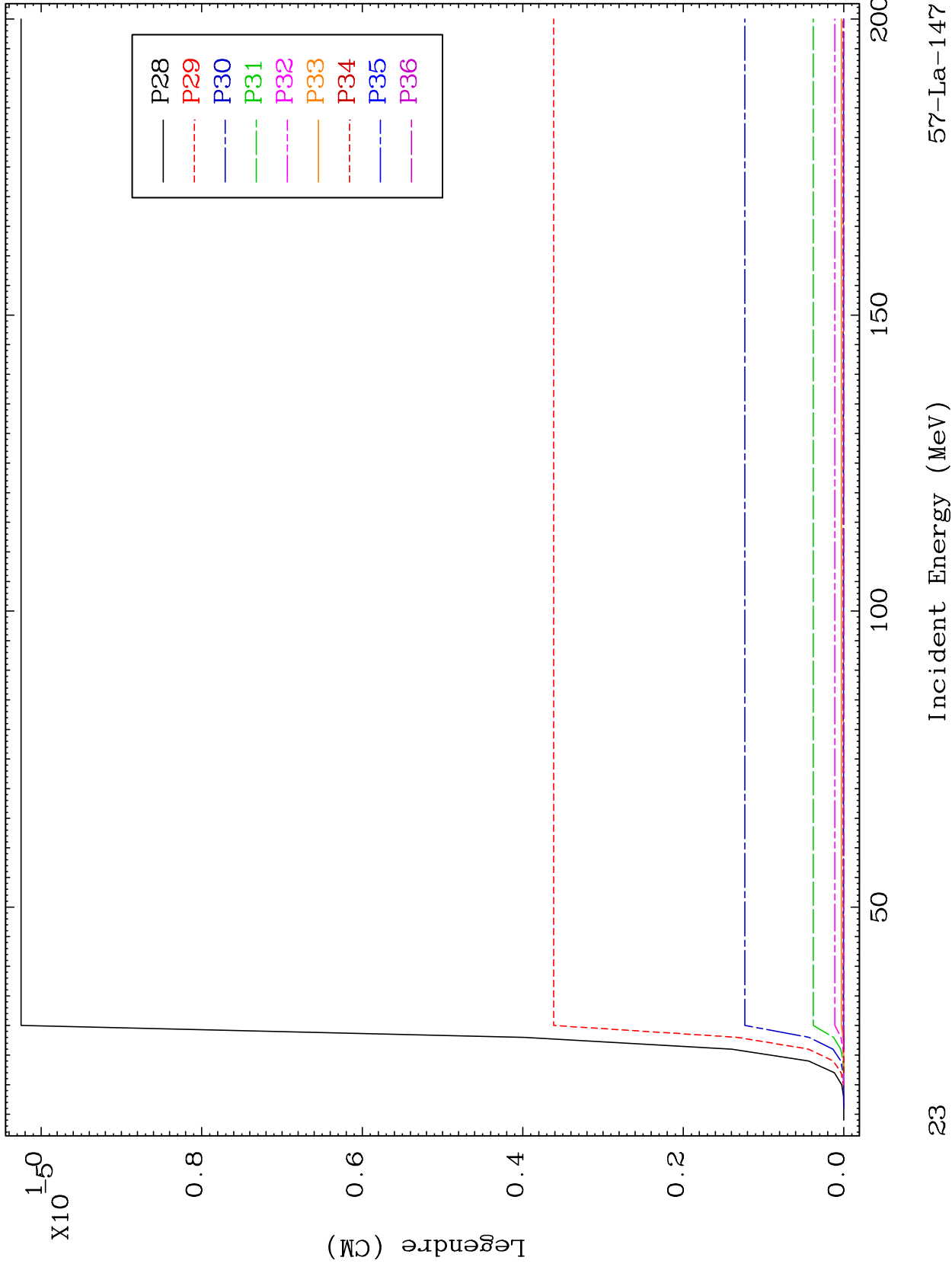
57-La-147



MAT 5752

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

57-La-147



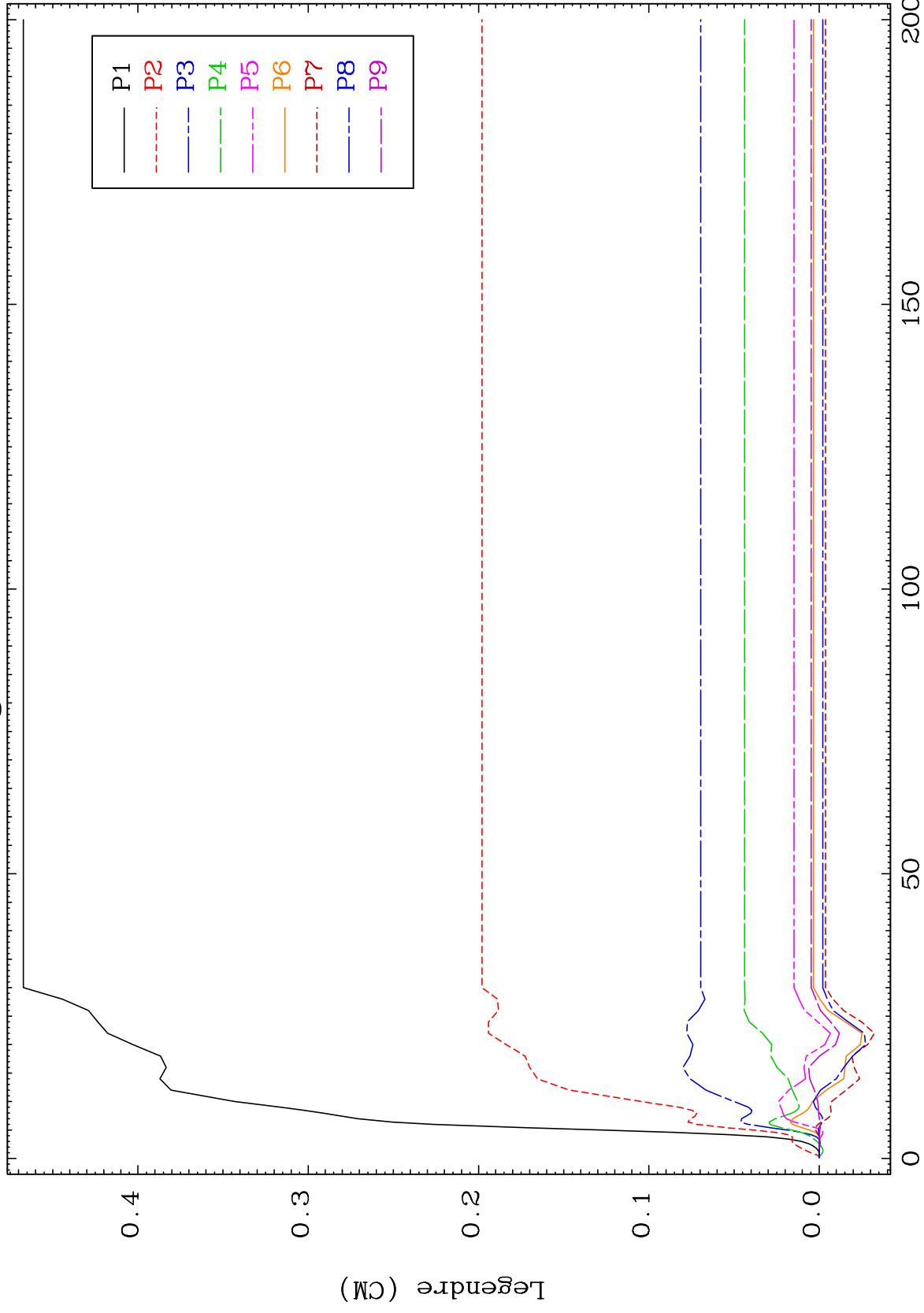
23

57-La-147

MAT 5752

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

57-La-147



24

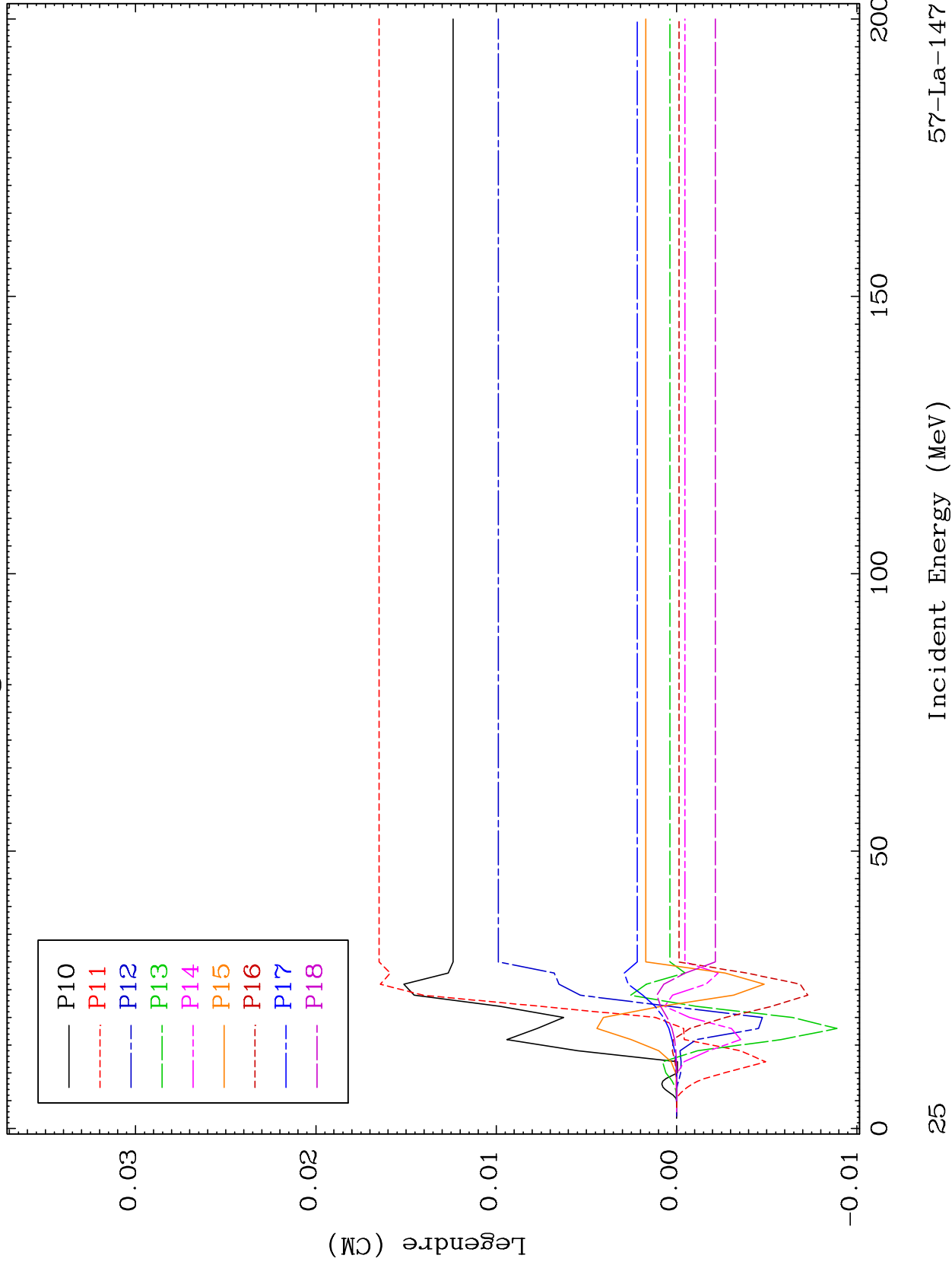
Incident Energy (MeV)

57-La-147

MAT 5752

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

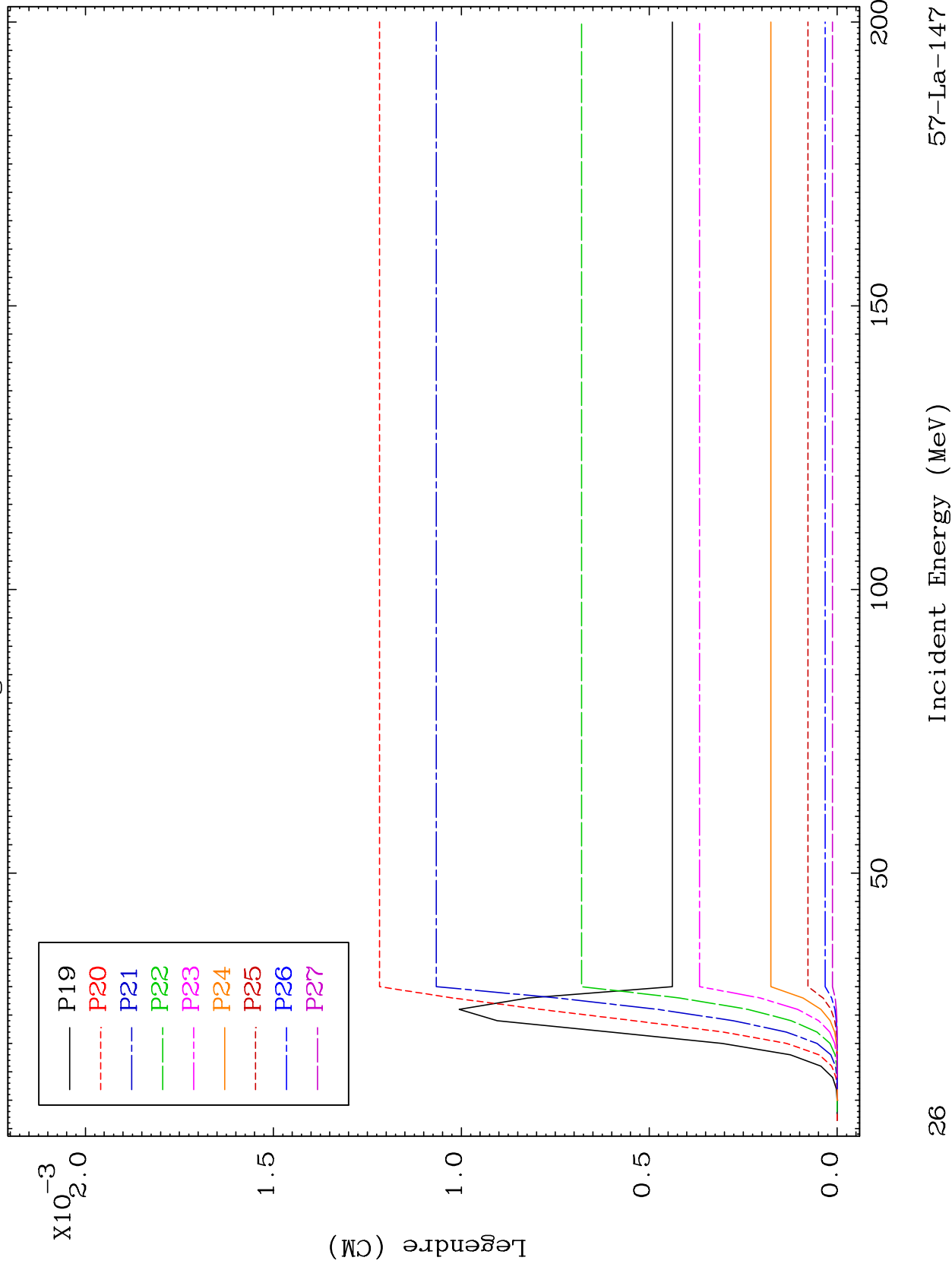
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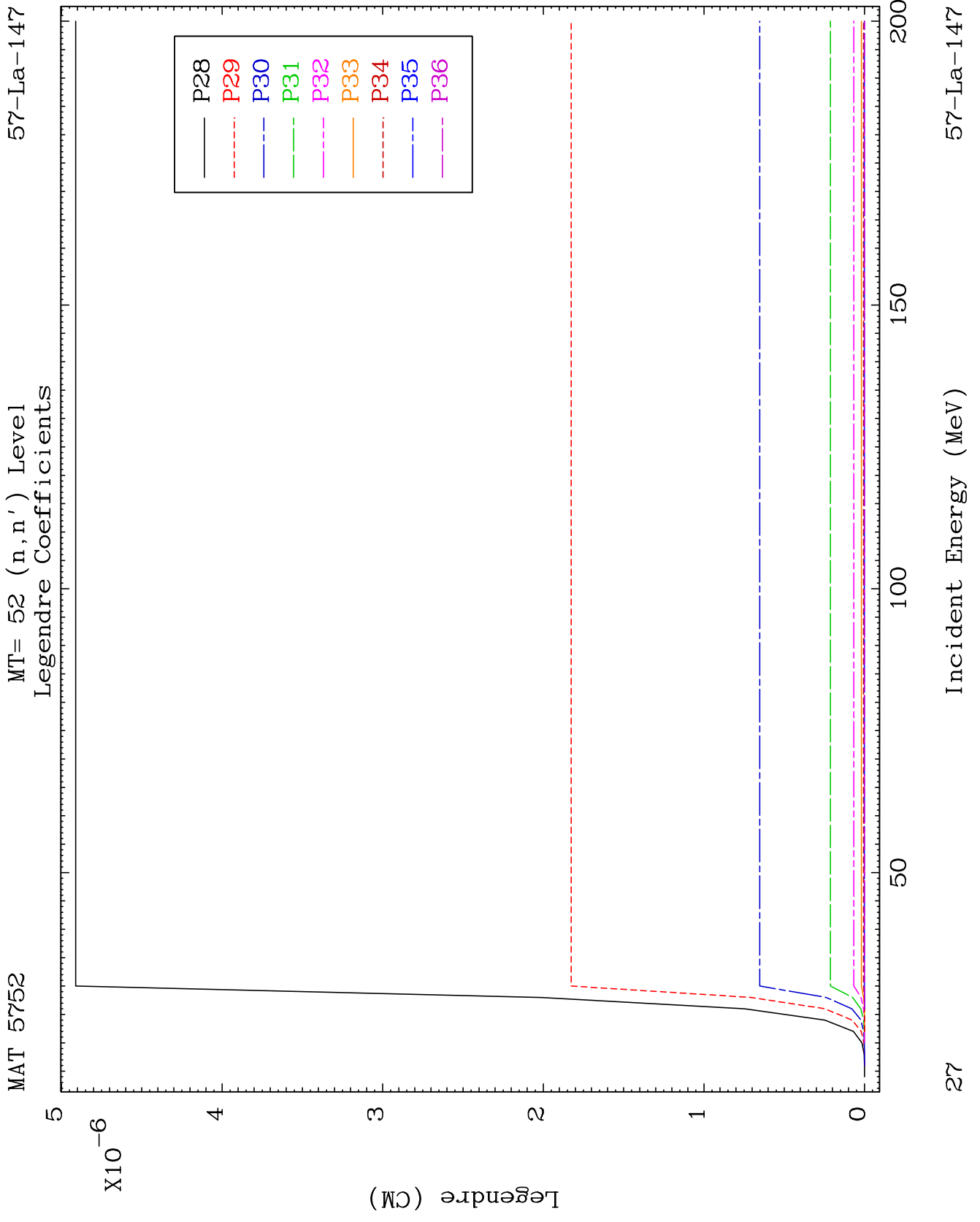


57-La-147

Incident Energy (MeV)

25

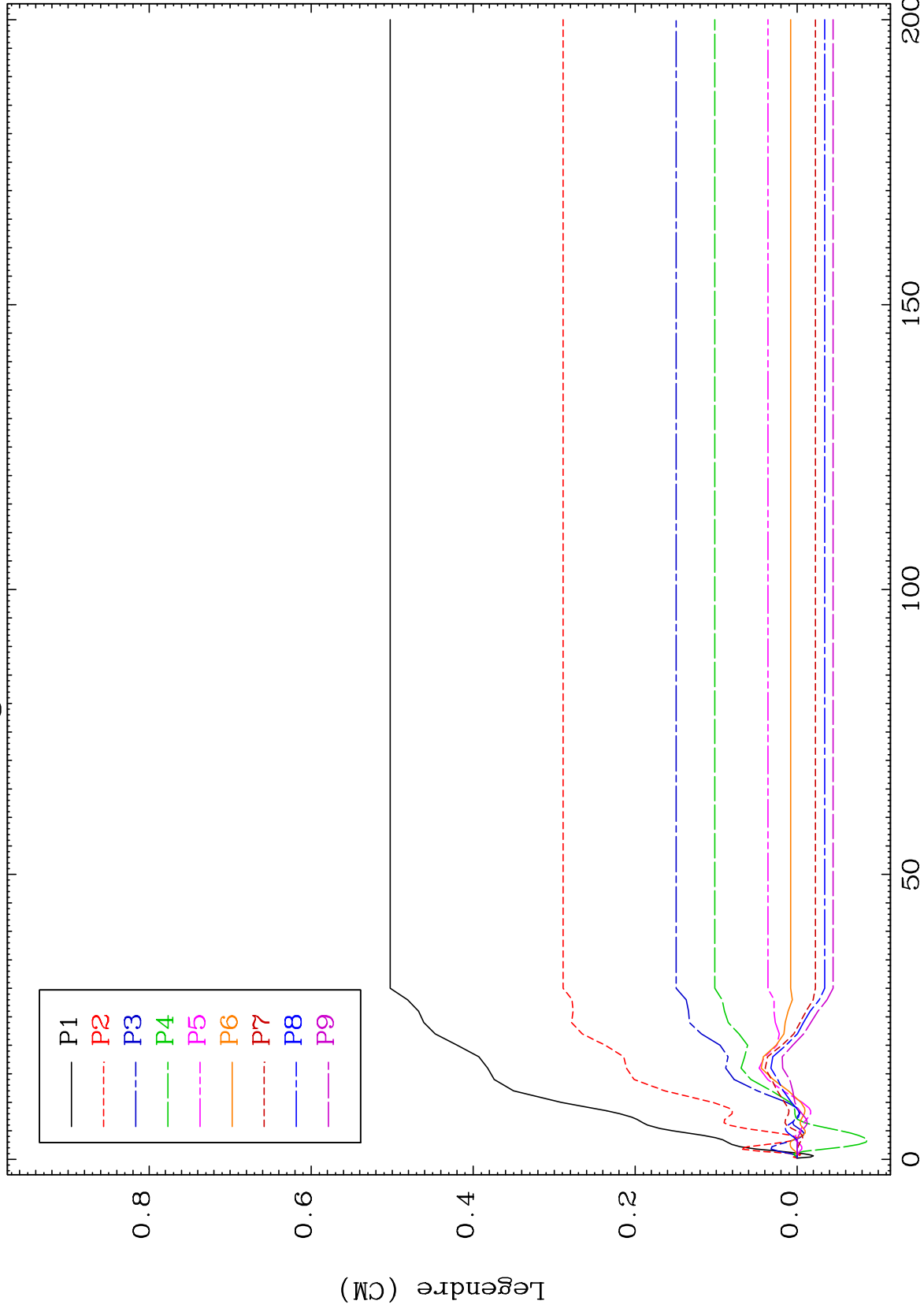




MAT 5752

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

57-La-147



57-La-147

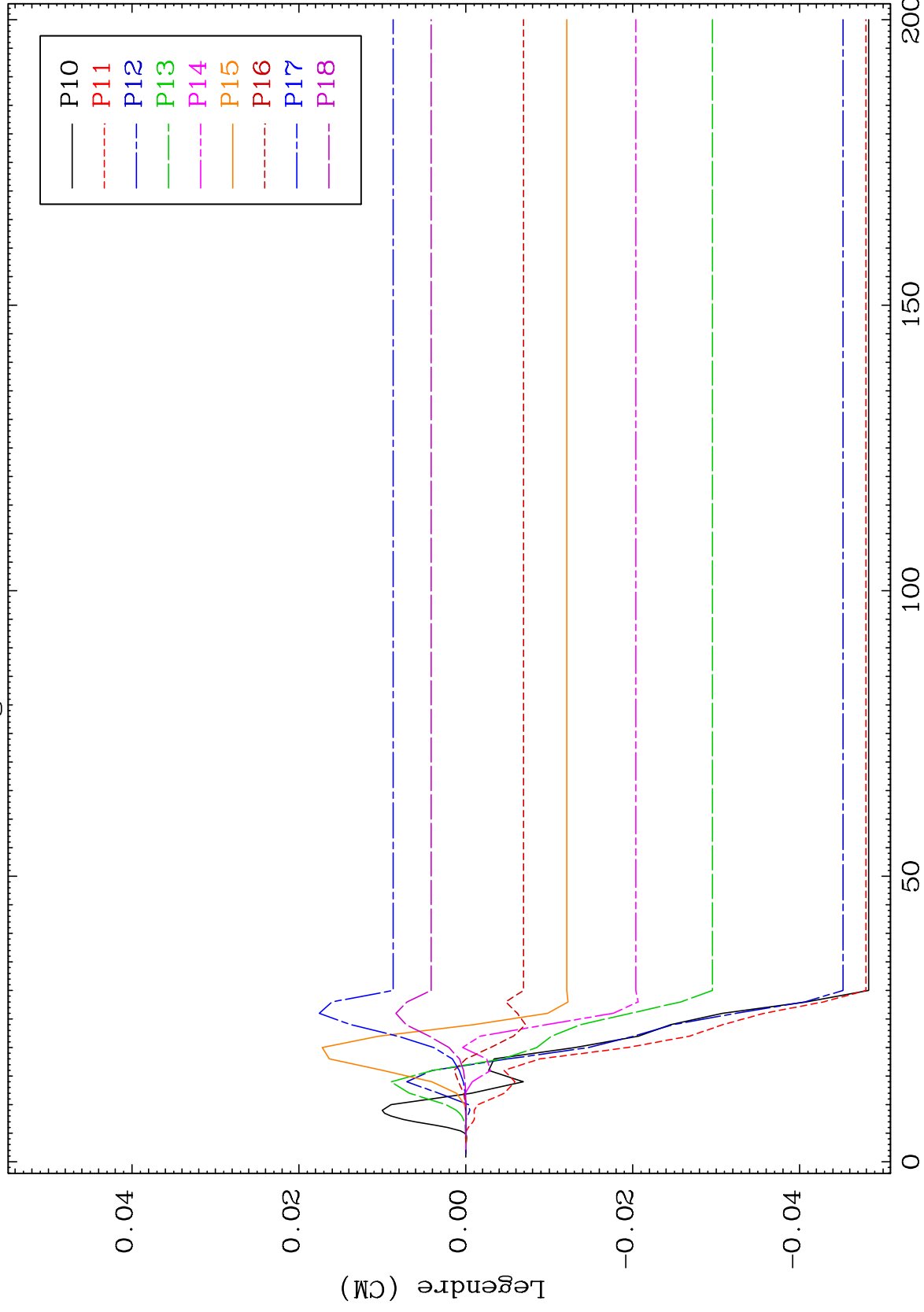
Incident Energy (MeV)

28

MAT 5752

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

57-La-147



29

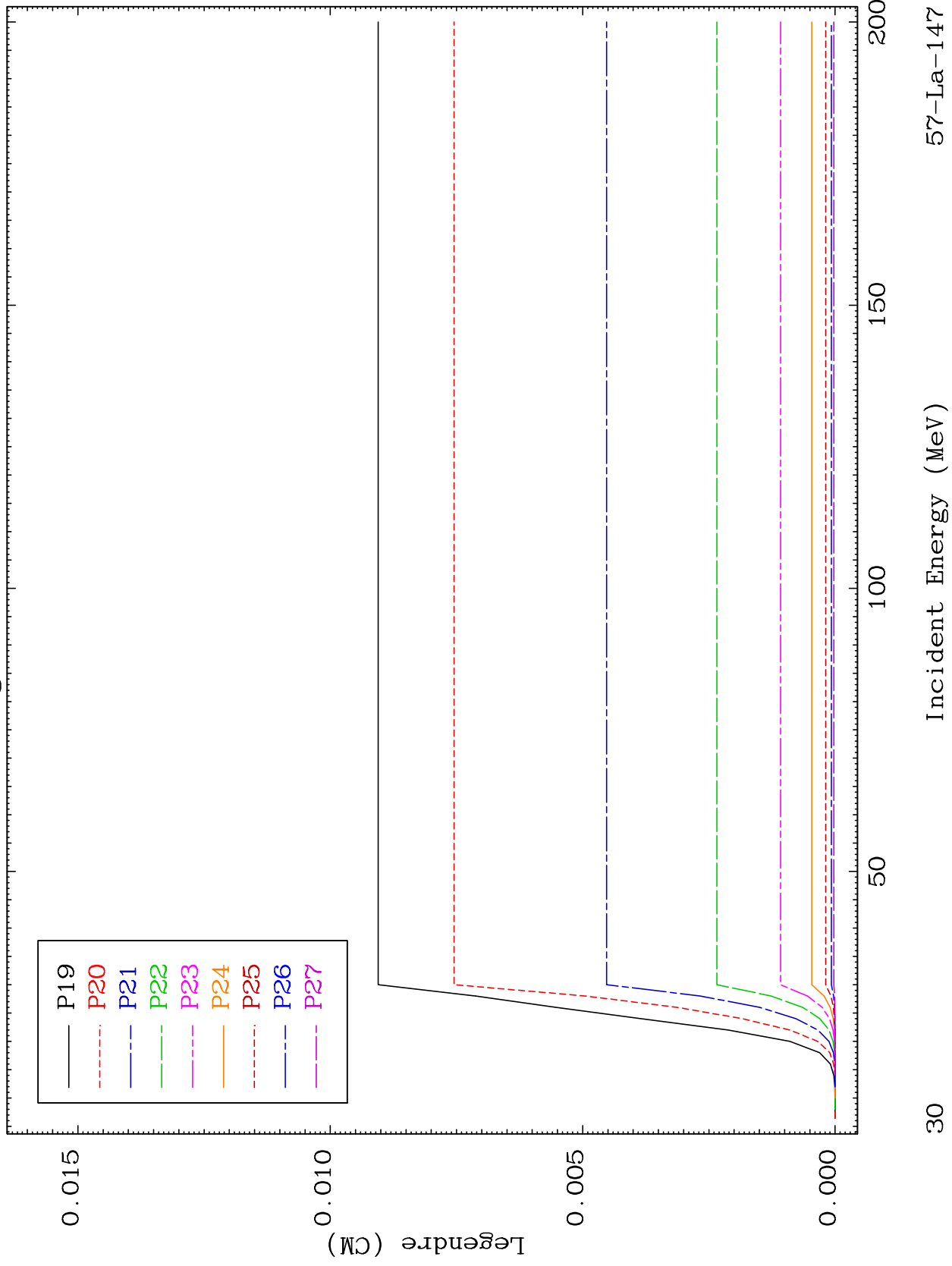
Incident Energy (MeV)

57-La-147

MAT 5752

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

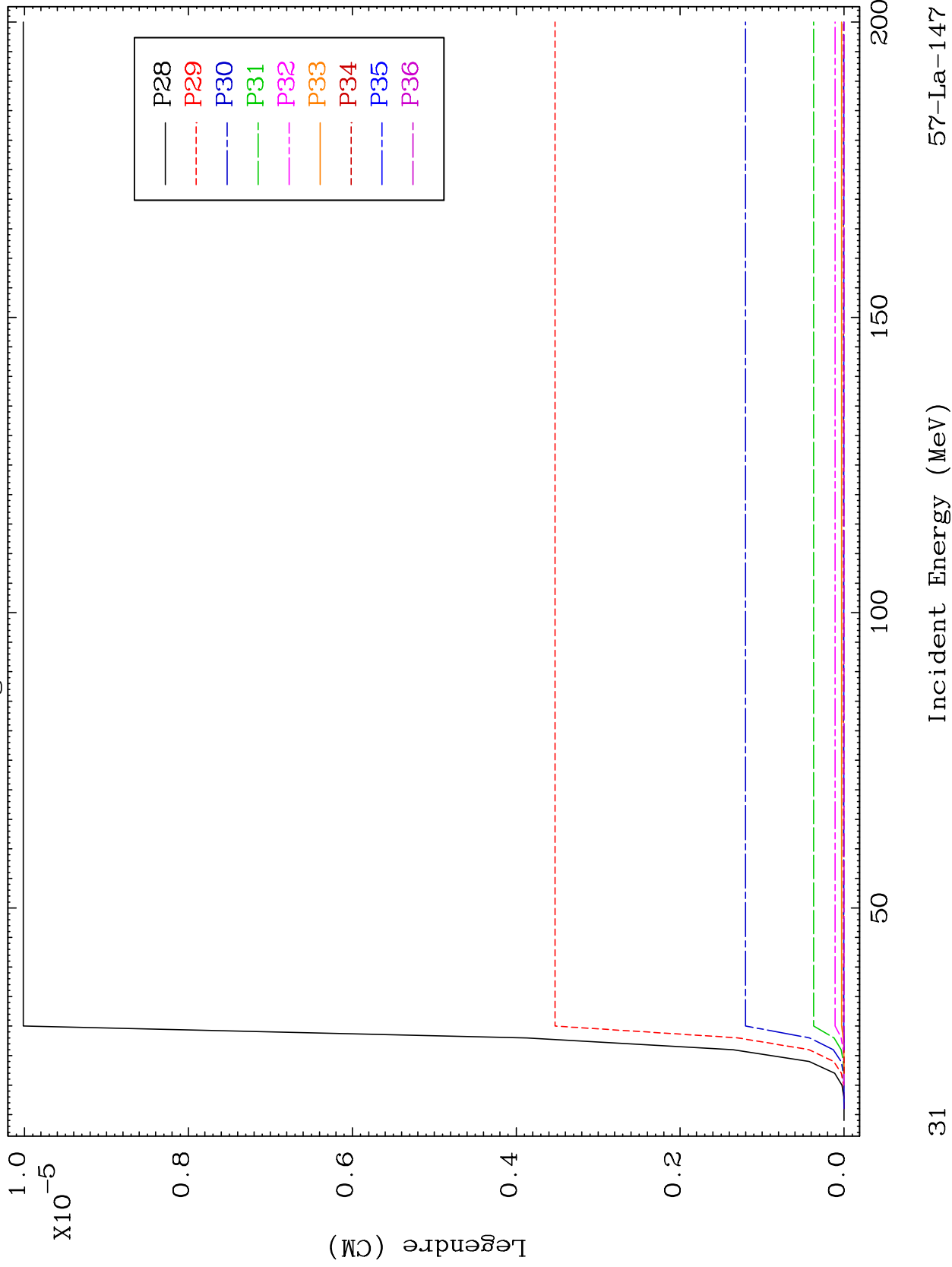
57-La-147



57-La-147

Incident Energy (MeV)

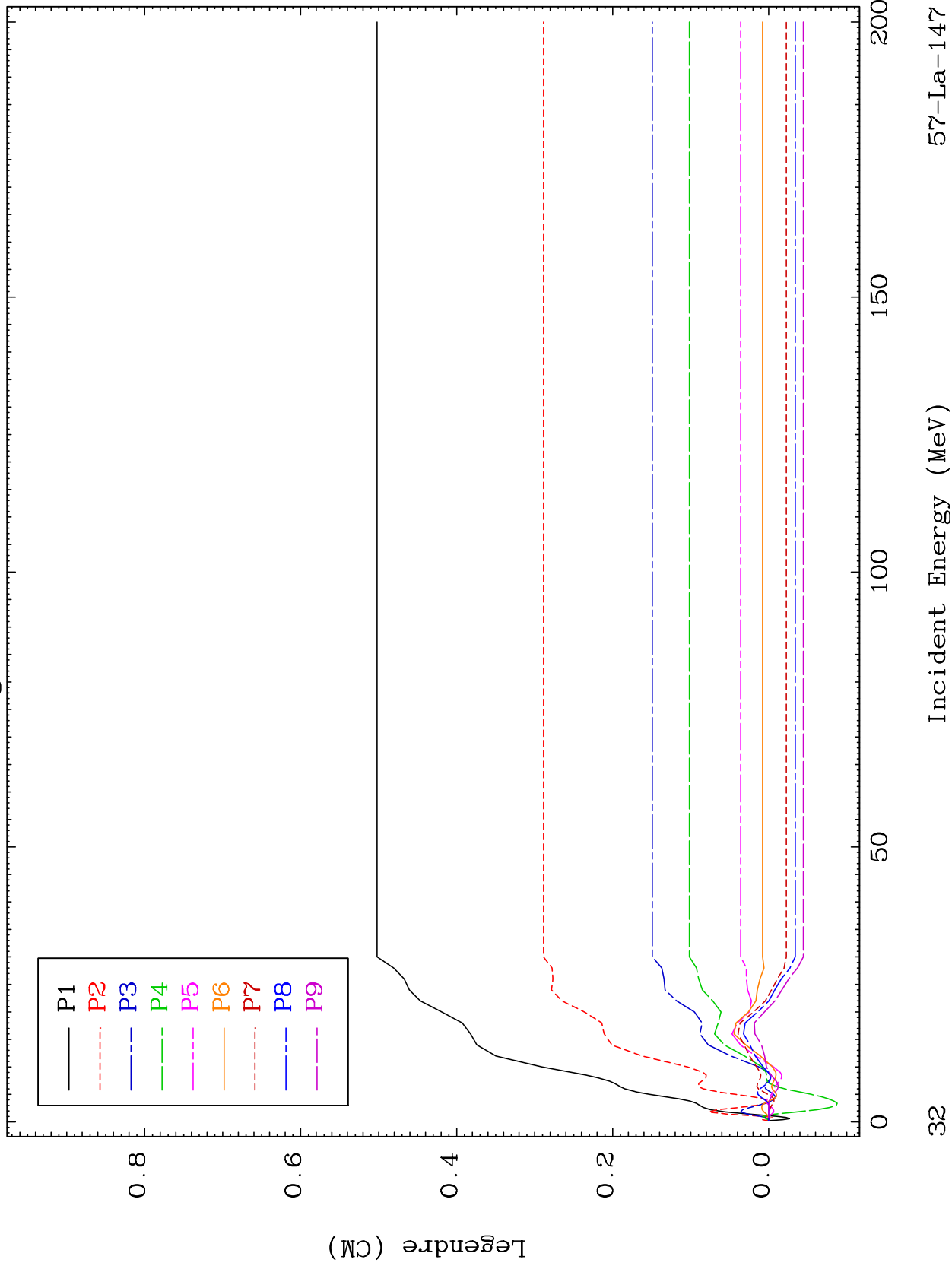
30



MAT 5752

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

57-La-147



57-La-147

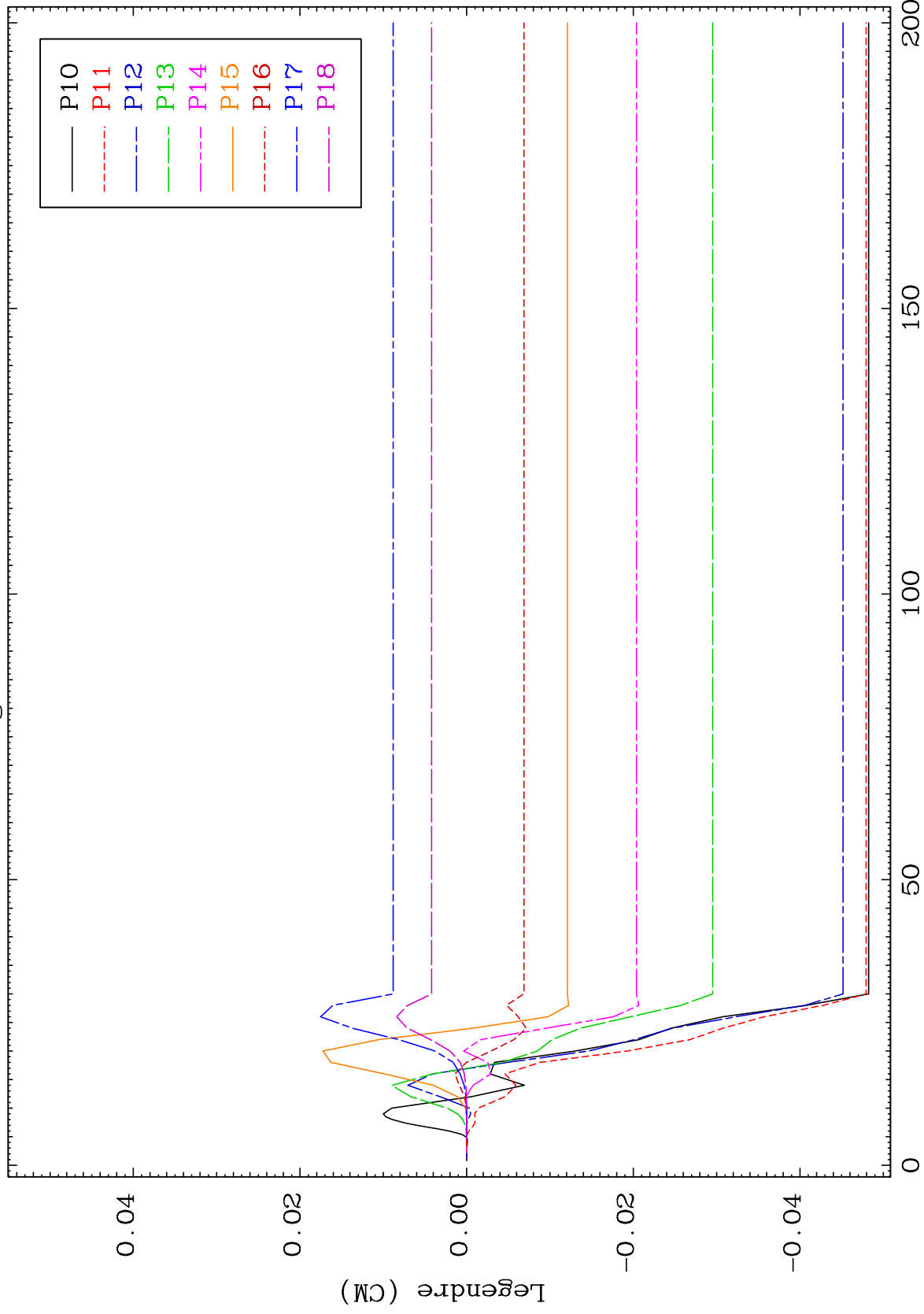
Incident Energy (MeV)

32

MAT 5752

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

57-La-147



33

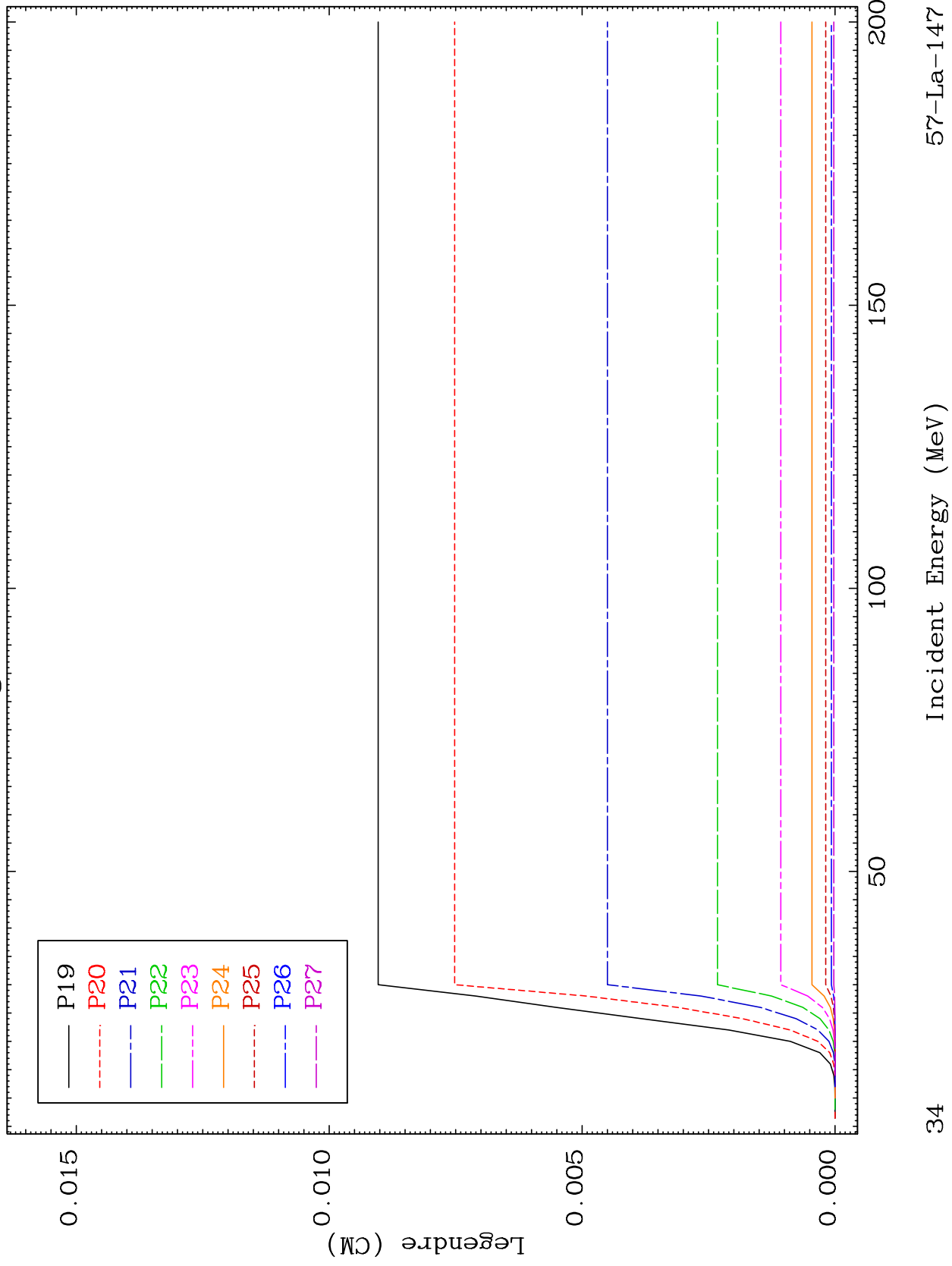
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



57-La-147

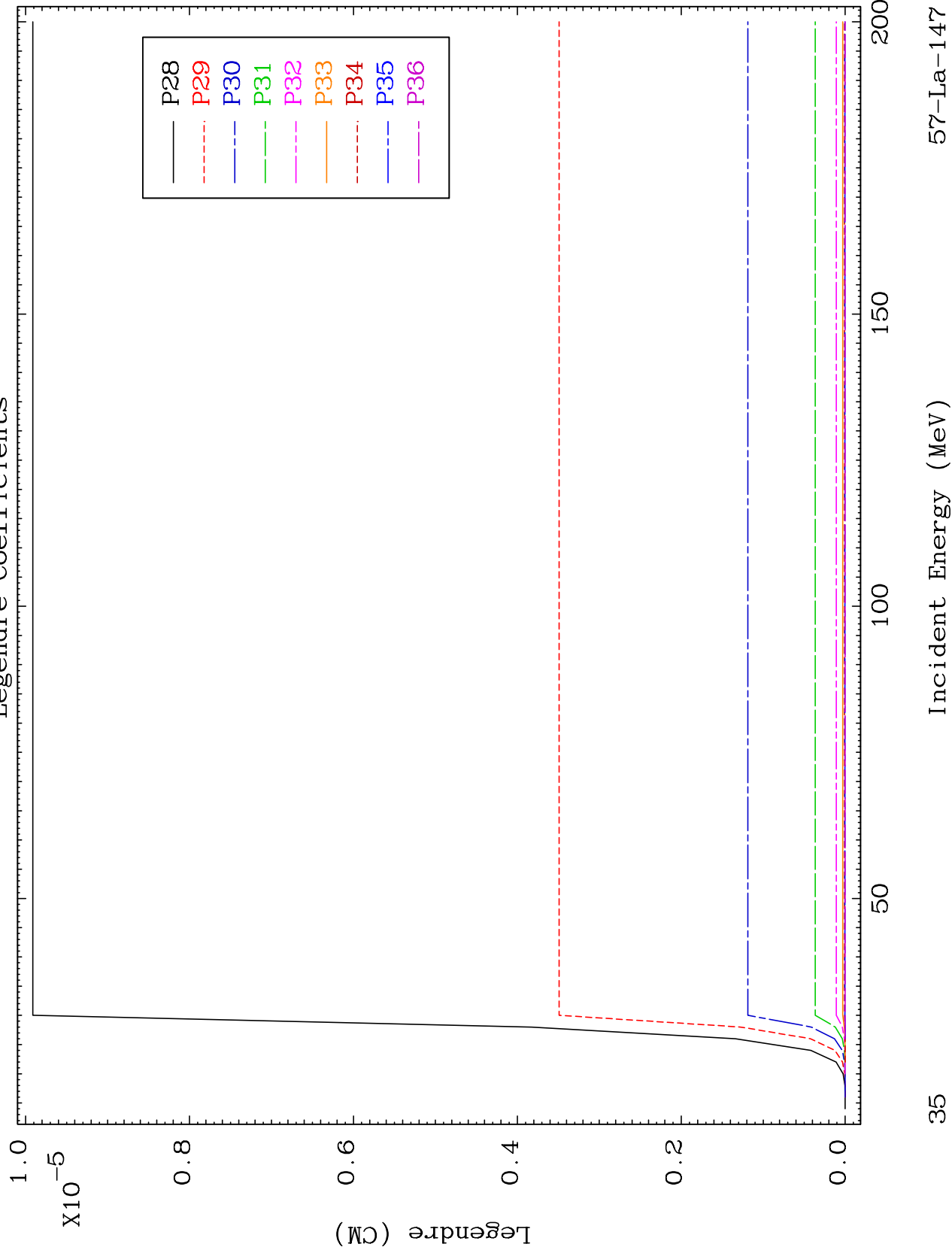
Incident Energy (MeV)

34

MAT 5752

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

57-La-147



35

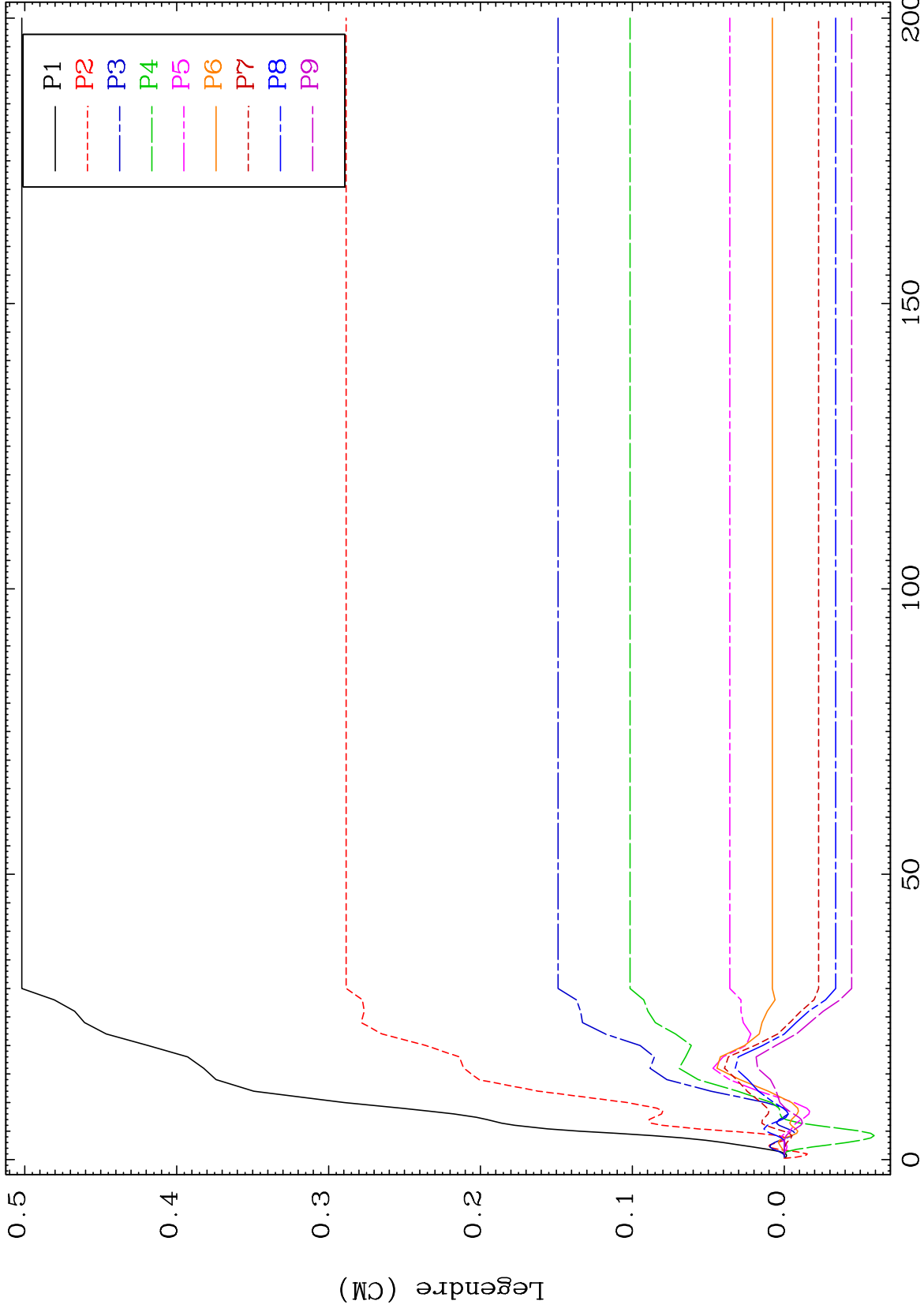
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



57-La-147

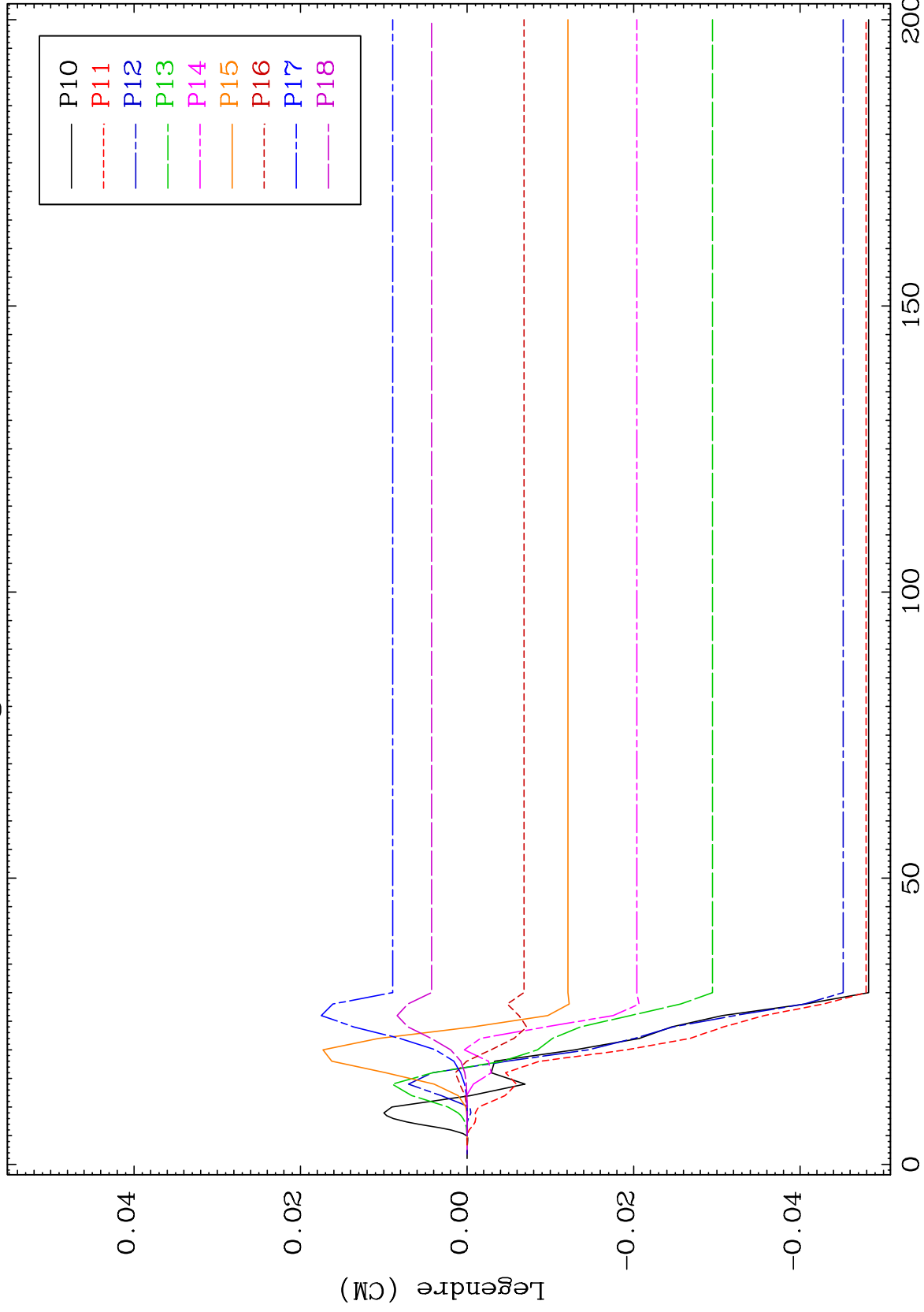
Incident Energy (MeV)

36

MAT 5752

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

57-La-147



37

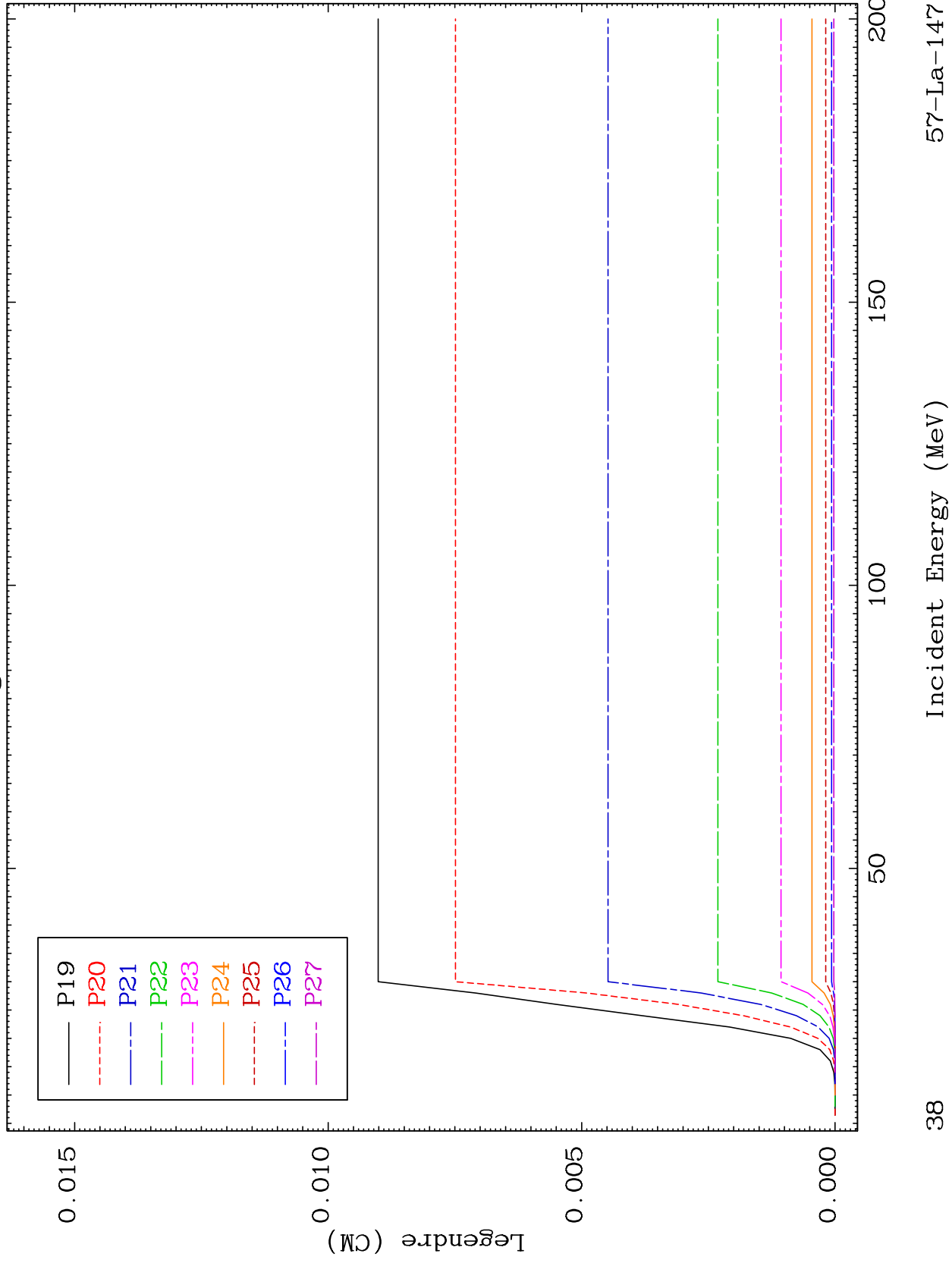
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



38

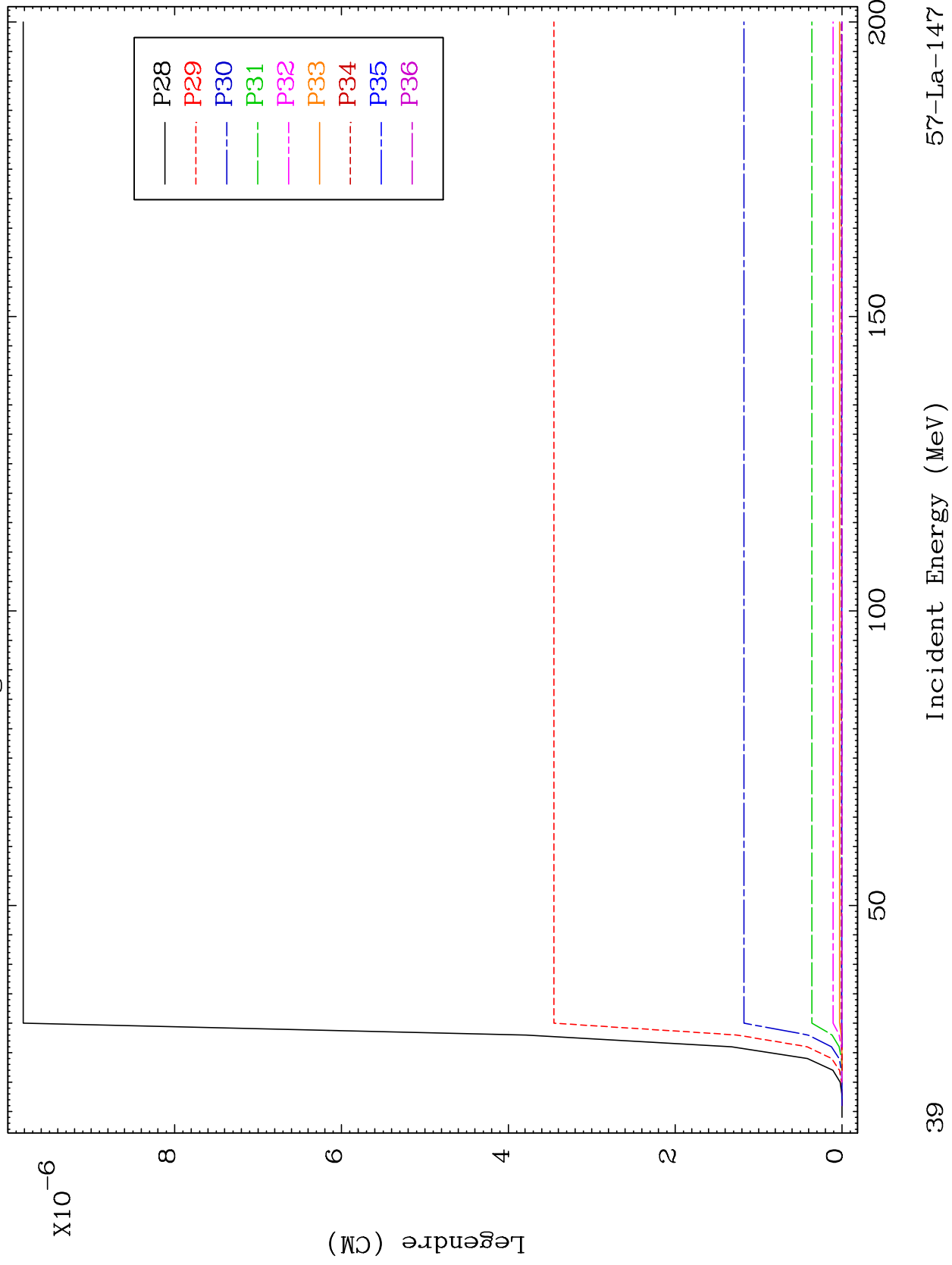
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



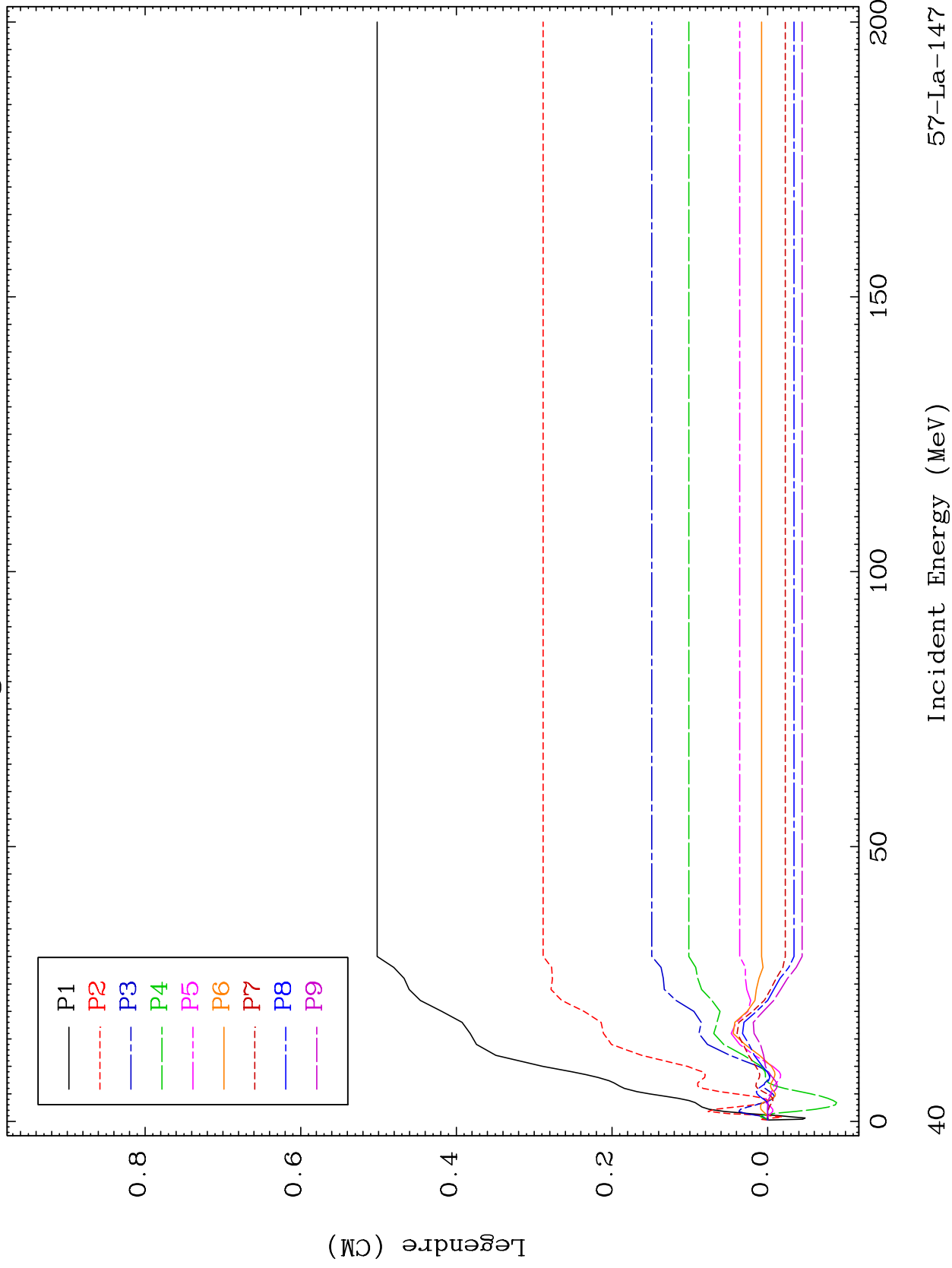
39

57-La-147

MAT 5752

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

57-La-147



57-La-147

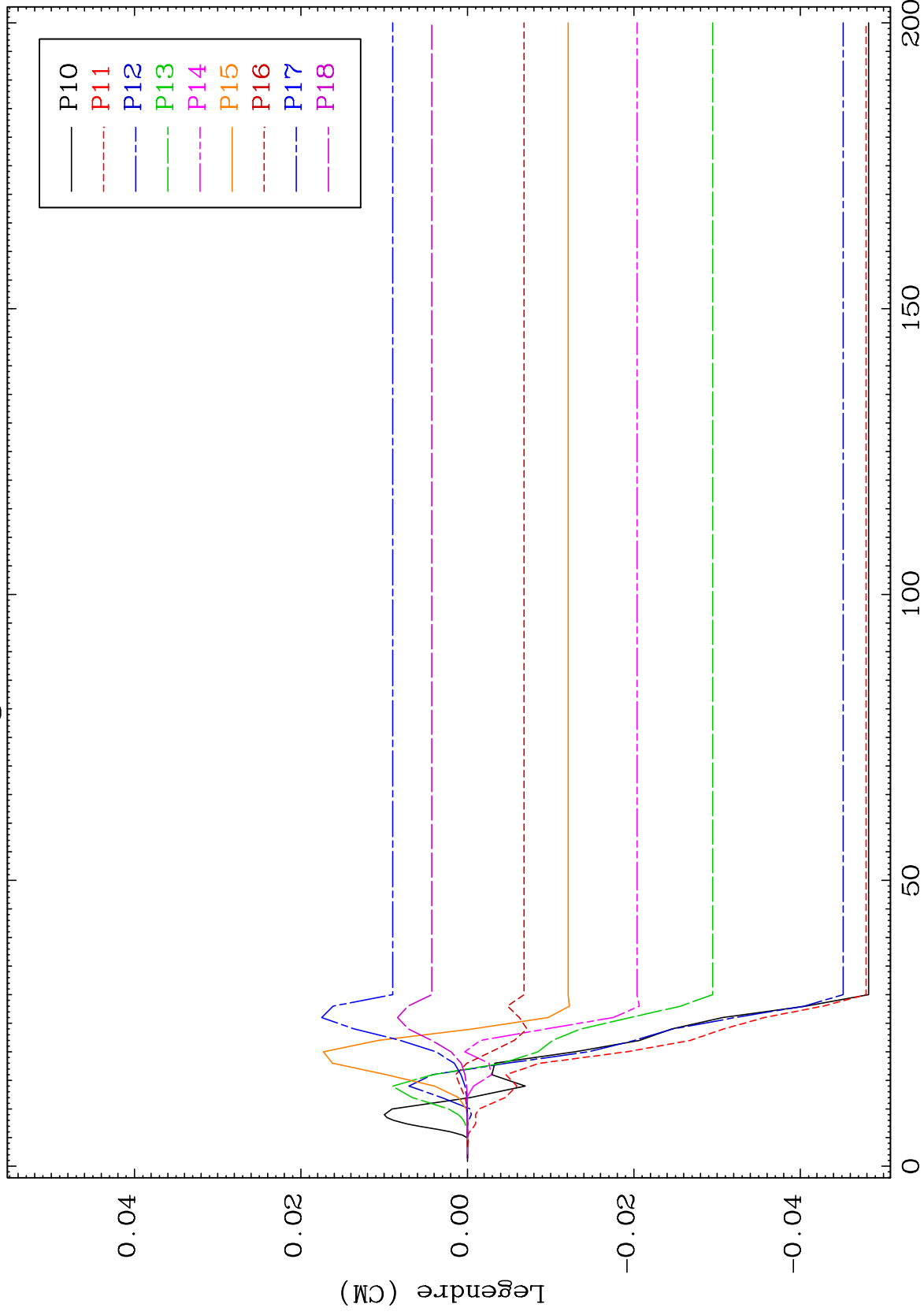
Incident Energy (MeV)

40

MAT 5752

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

57-La-147



41

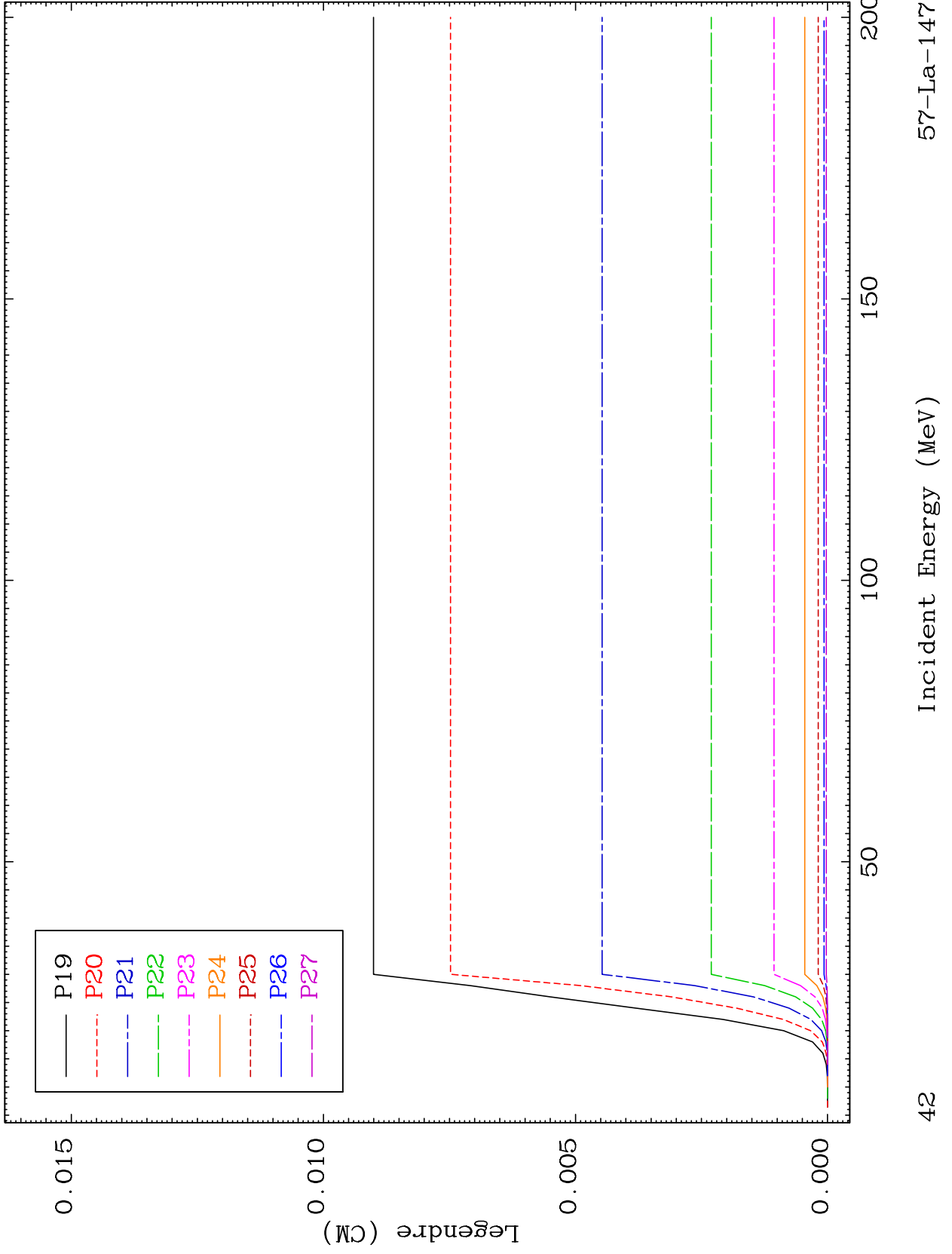
Incident Energy (MeV)

57-La-147

MAT 5752

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

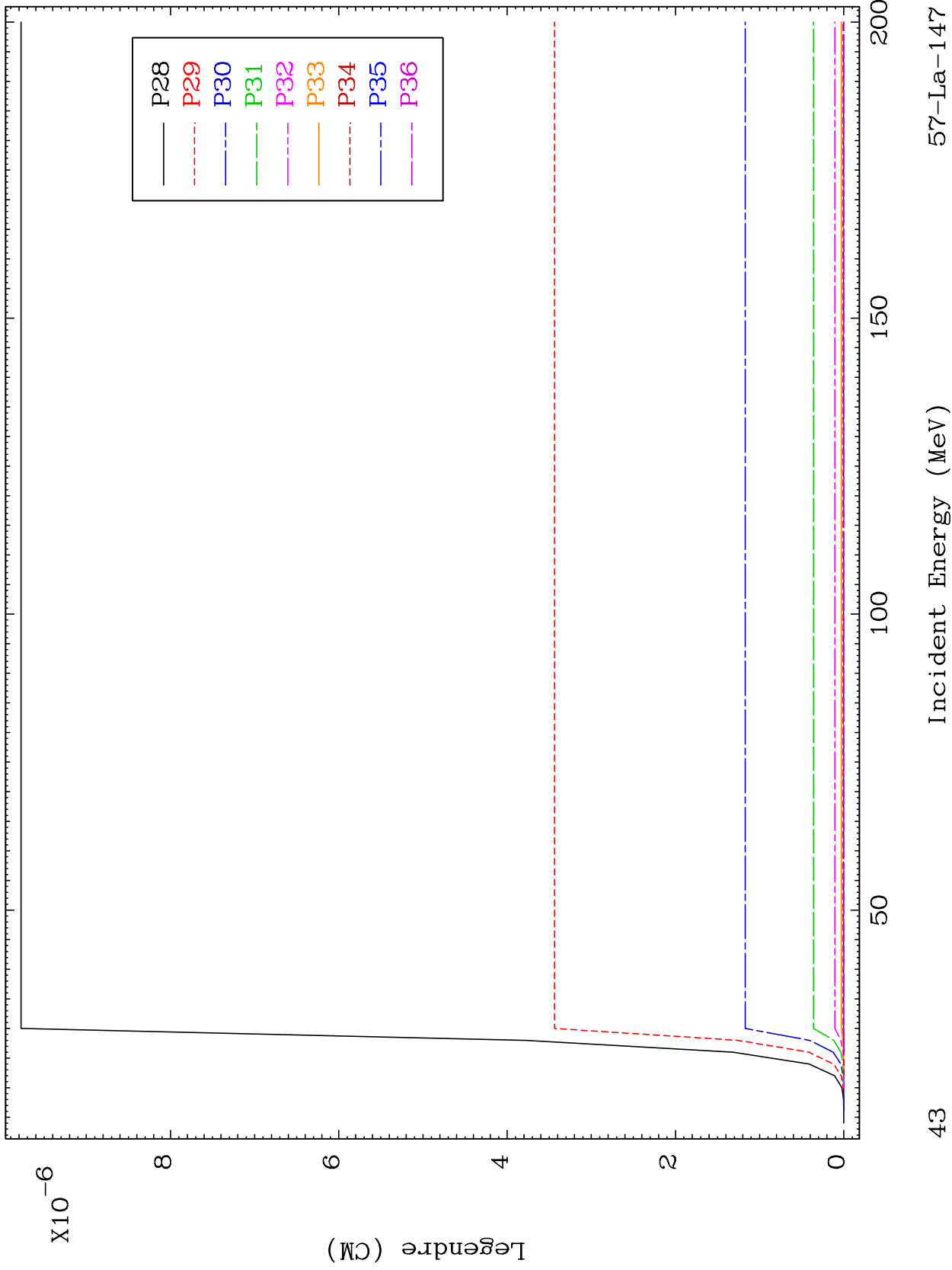
57-La-147



MAT 5752

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

57-La-147



43

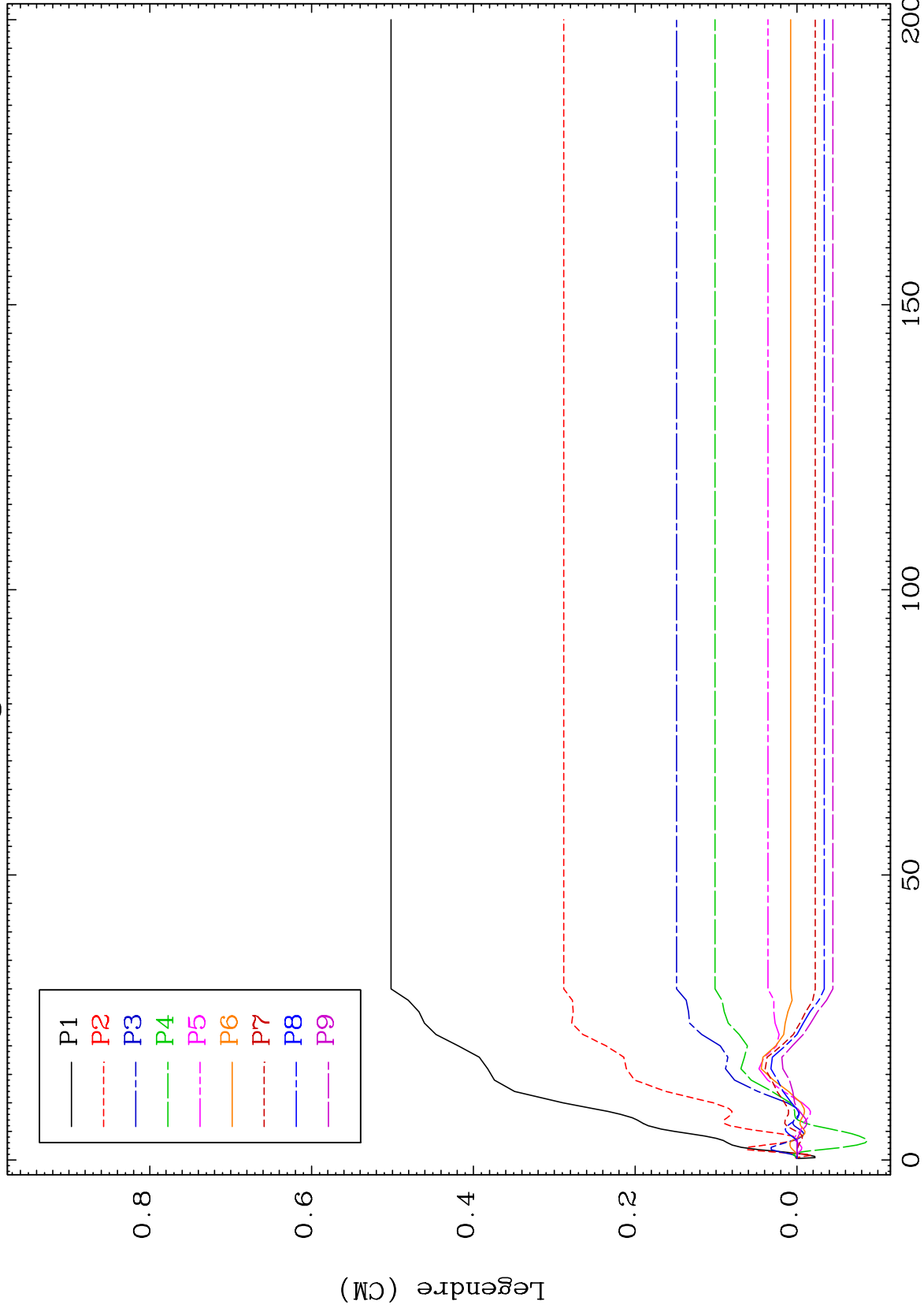
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



57-La-147

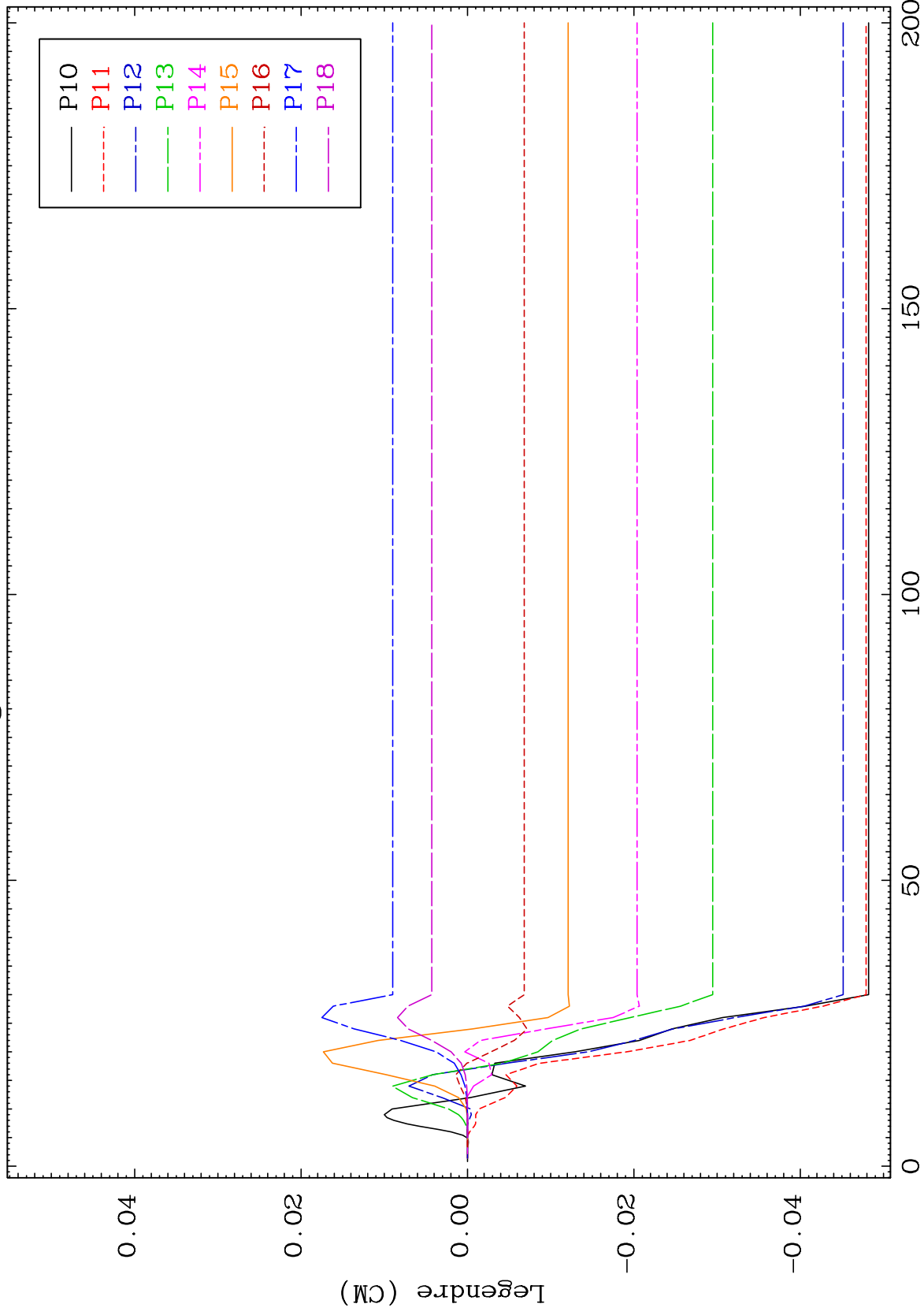
Incident Energy (MeV)

44

MAT 5752

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

57-La-147



57-La-147

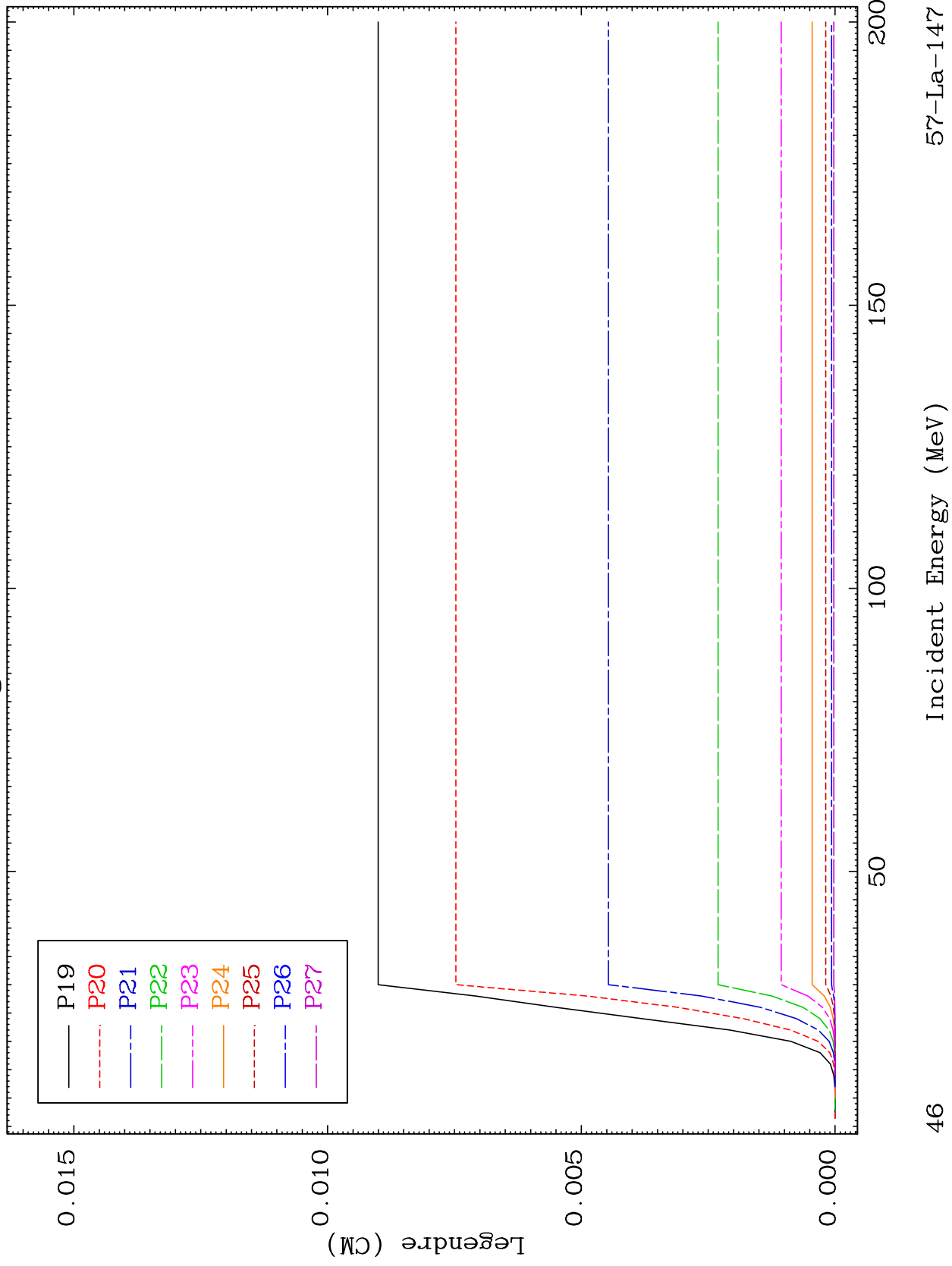
Incident Energy (MeV)

45

MAT 5752

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

57-La-147



46

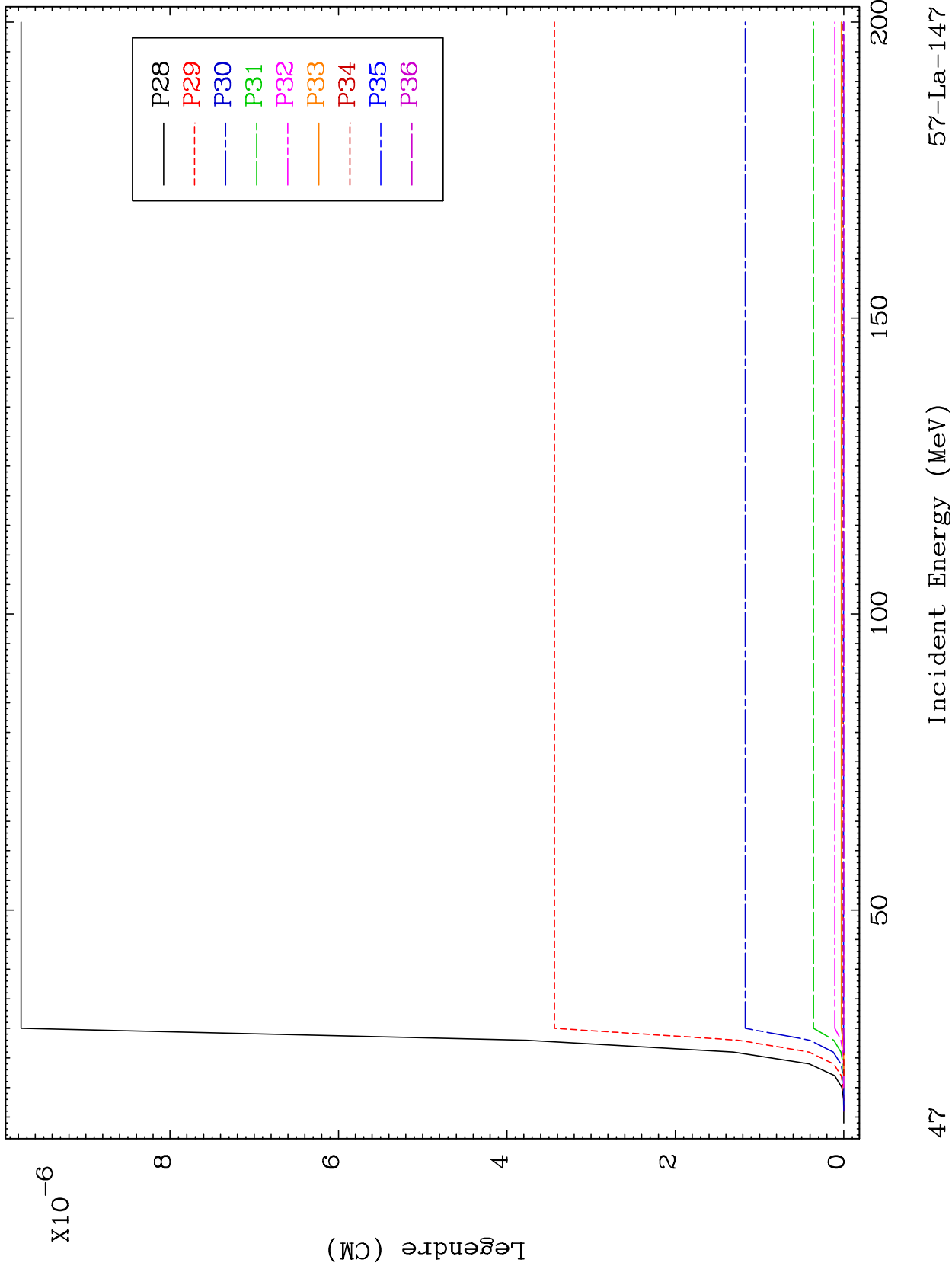
Incident Energy (MeV)

57-La-147

MAT 5752

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

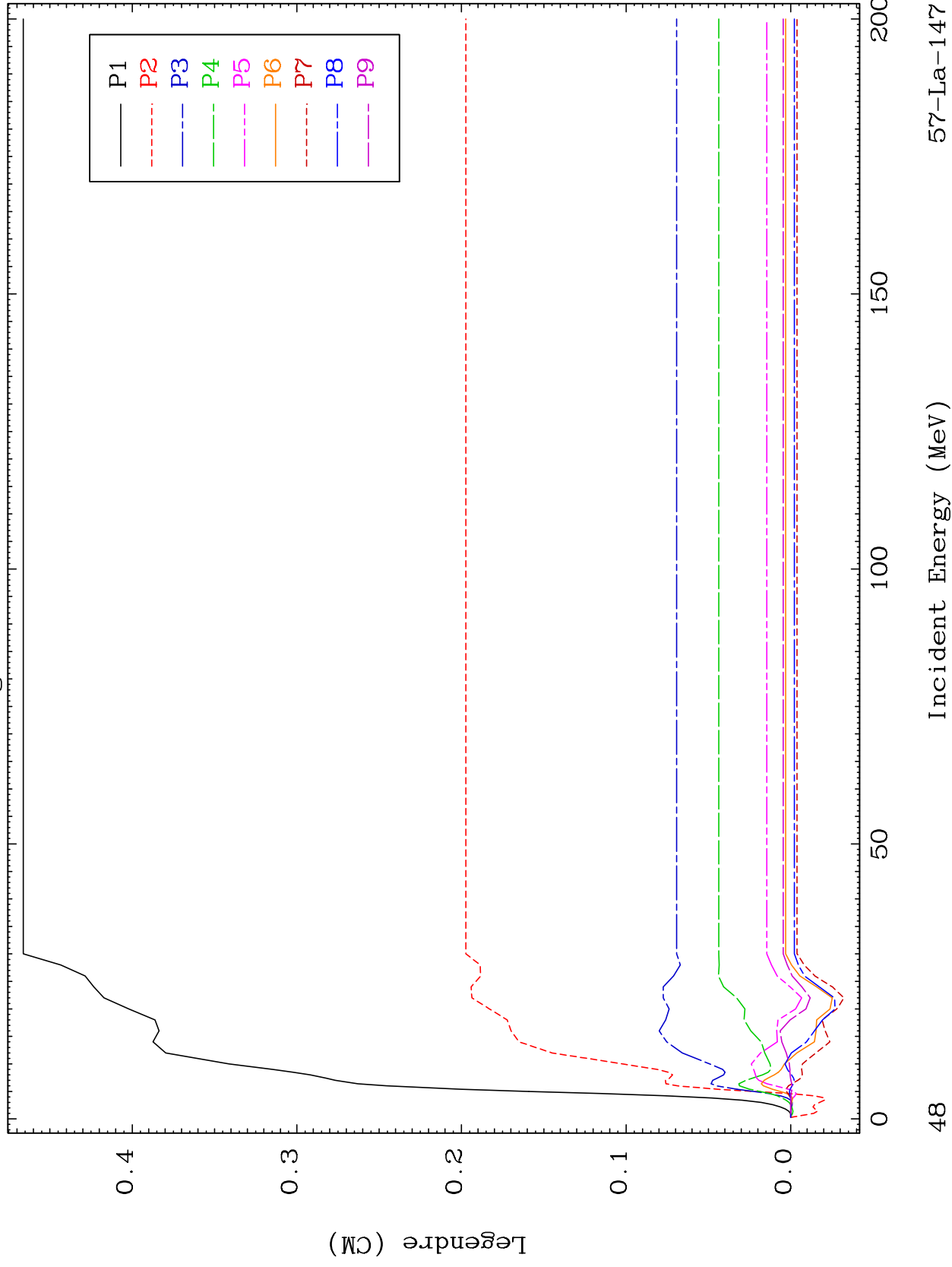
57-La-147



MAT 5752

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

57-La-147



57-La-147

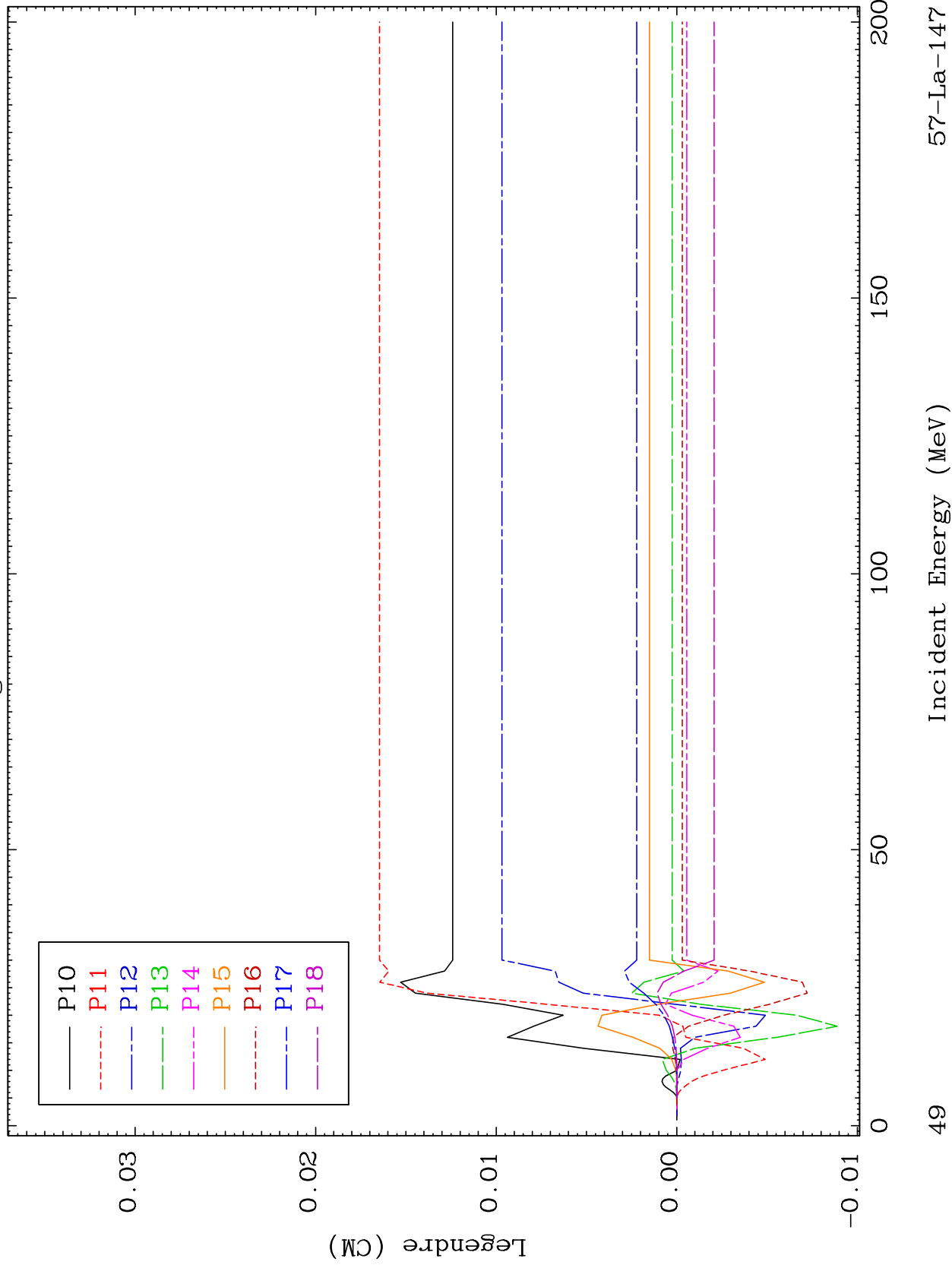
Incident Energy (MeV)

48

MAT 5752

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

57-La-147



49

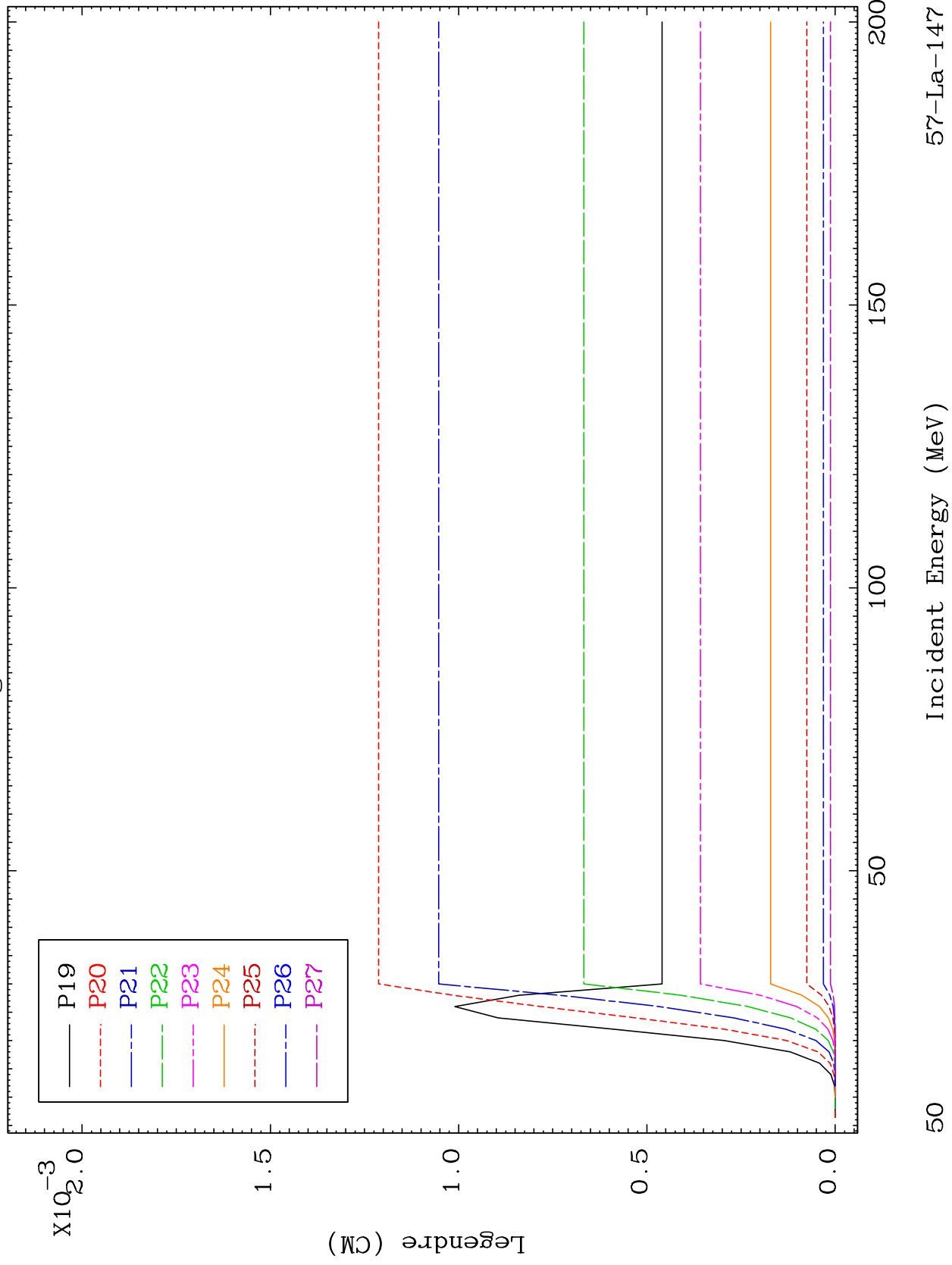
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



57-La-147

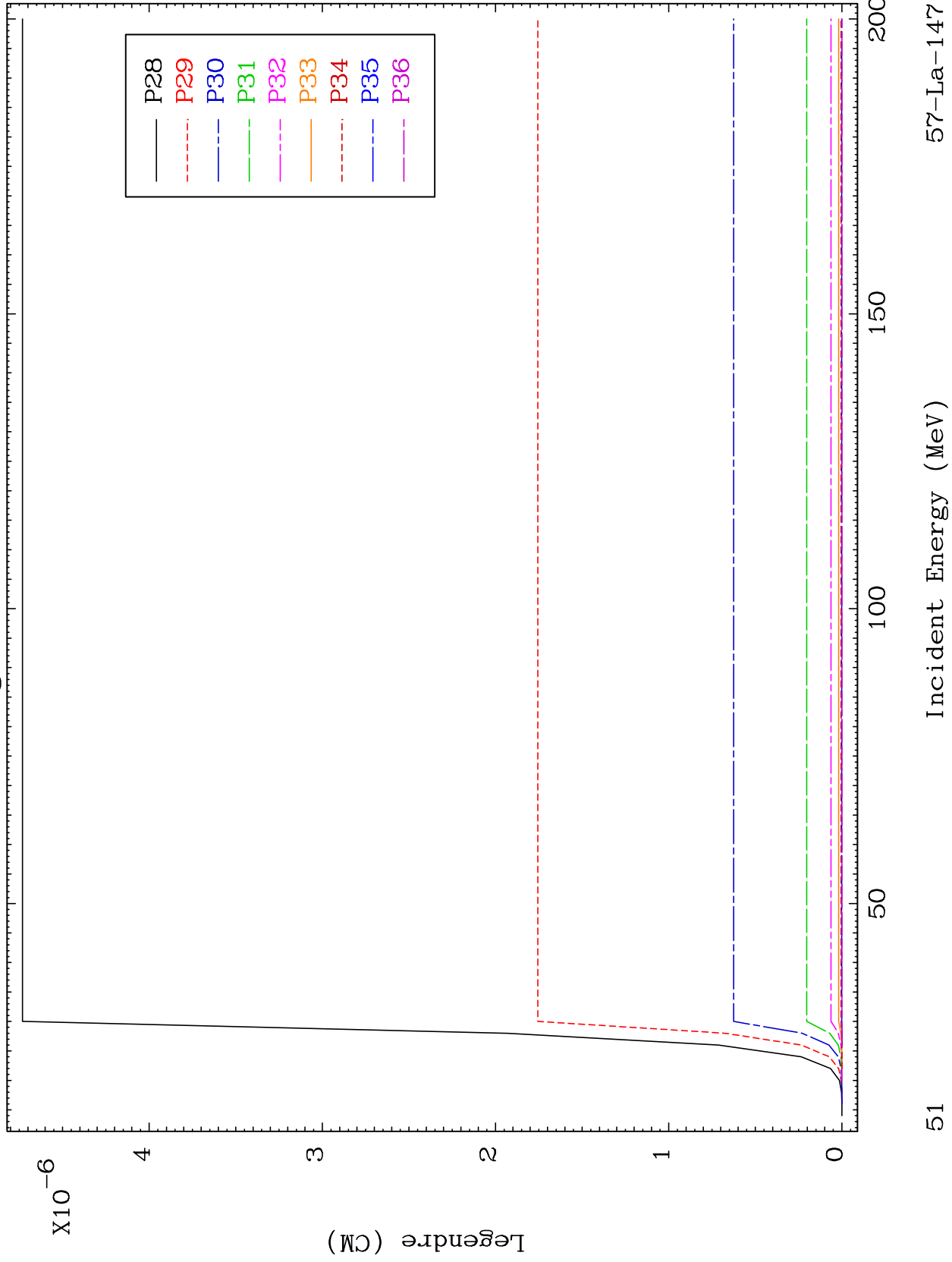
Incident Energy (MeV)

50

MAT 5752

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

57-La-147



51

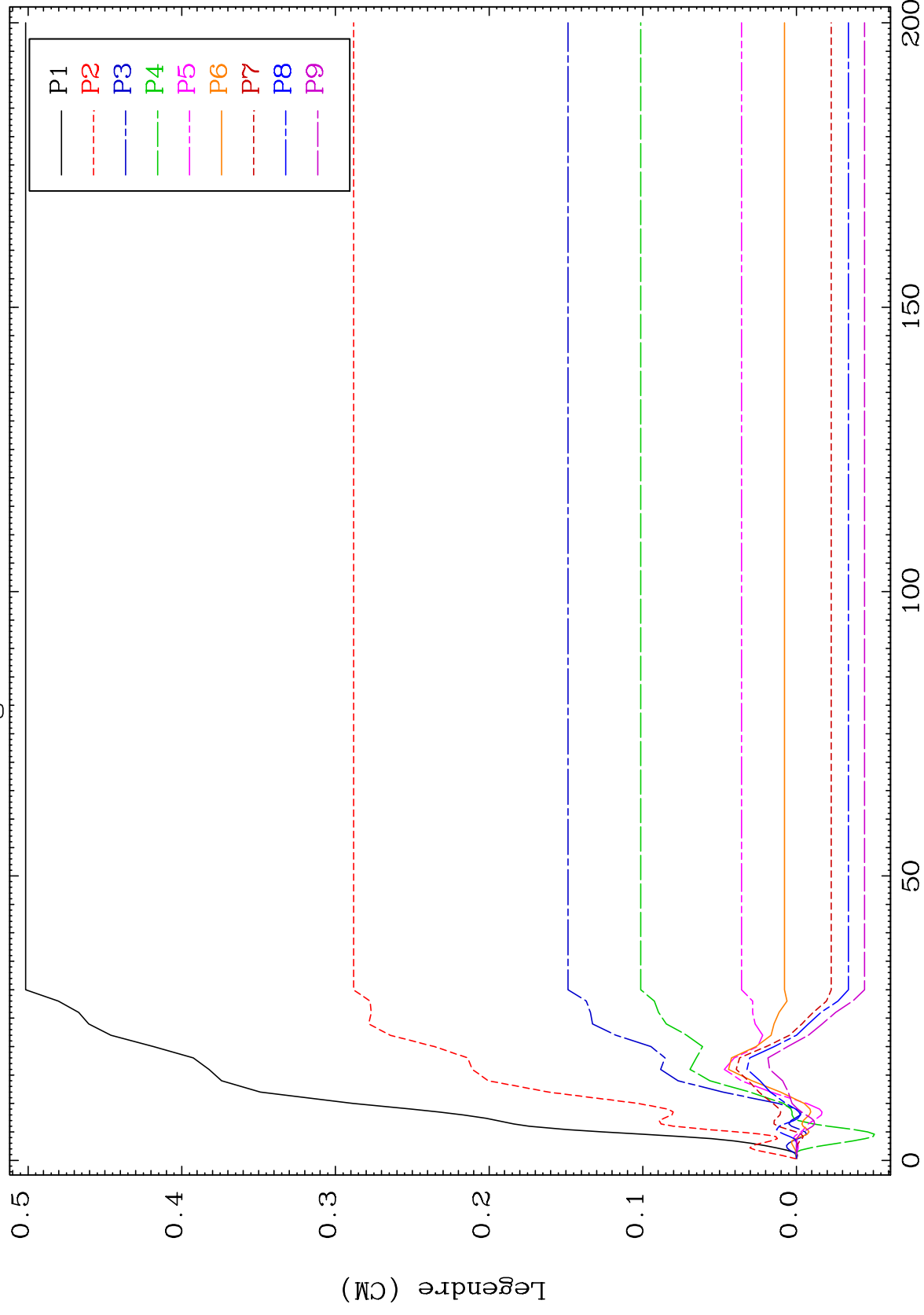
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



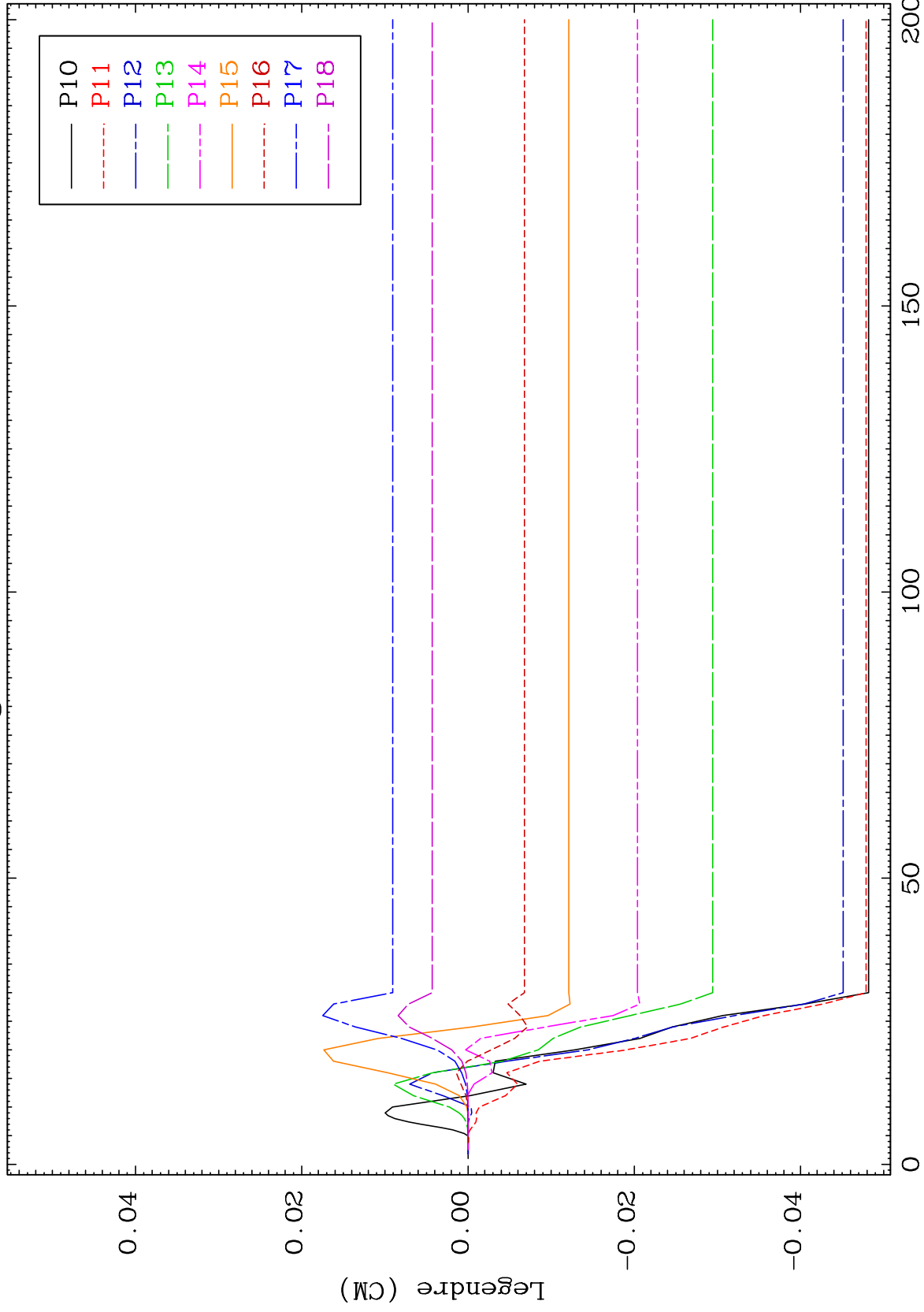
52

57-La-147

MAT 5752

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

57-La-147



53

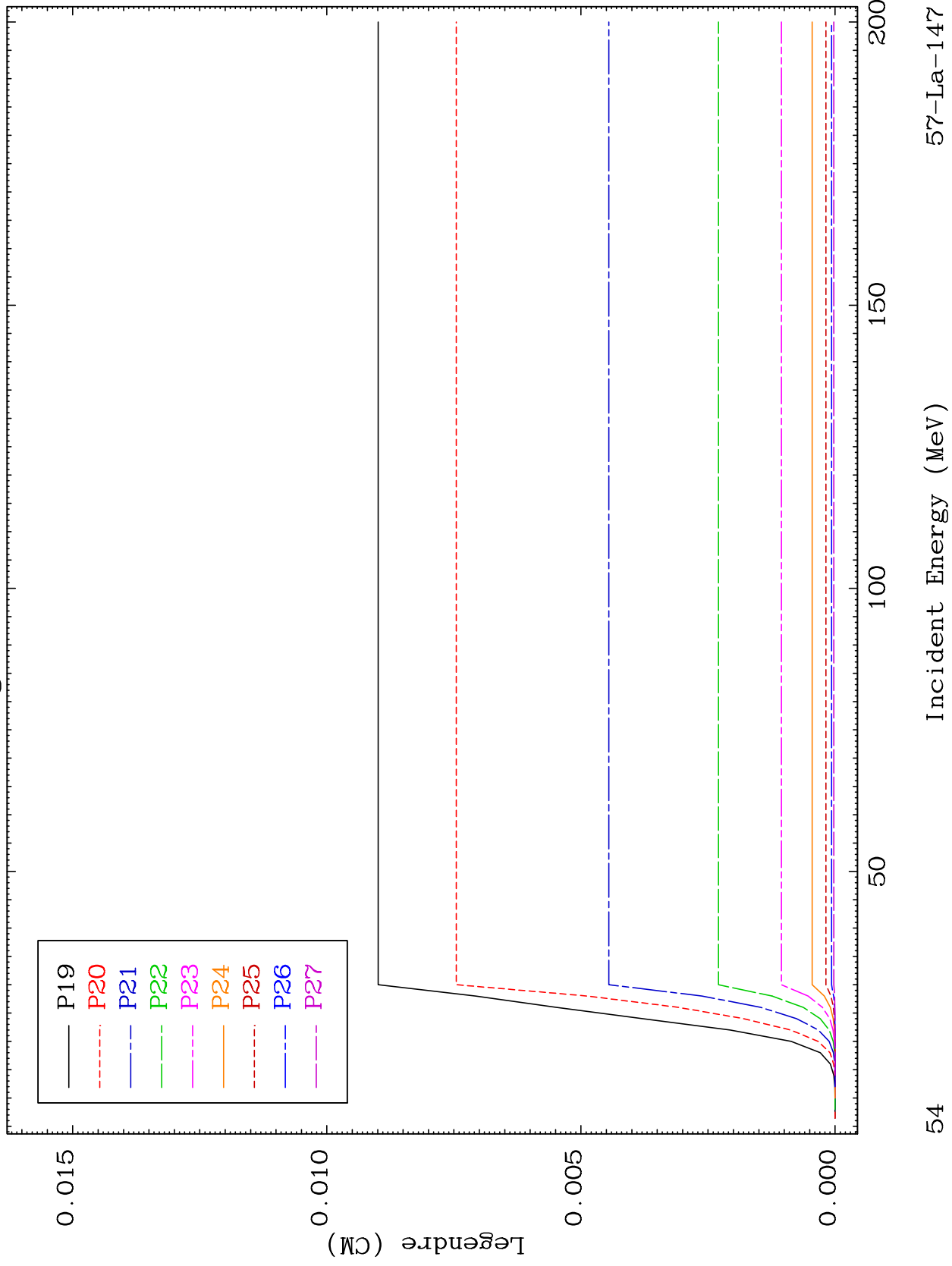
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



54

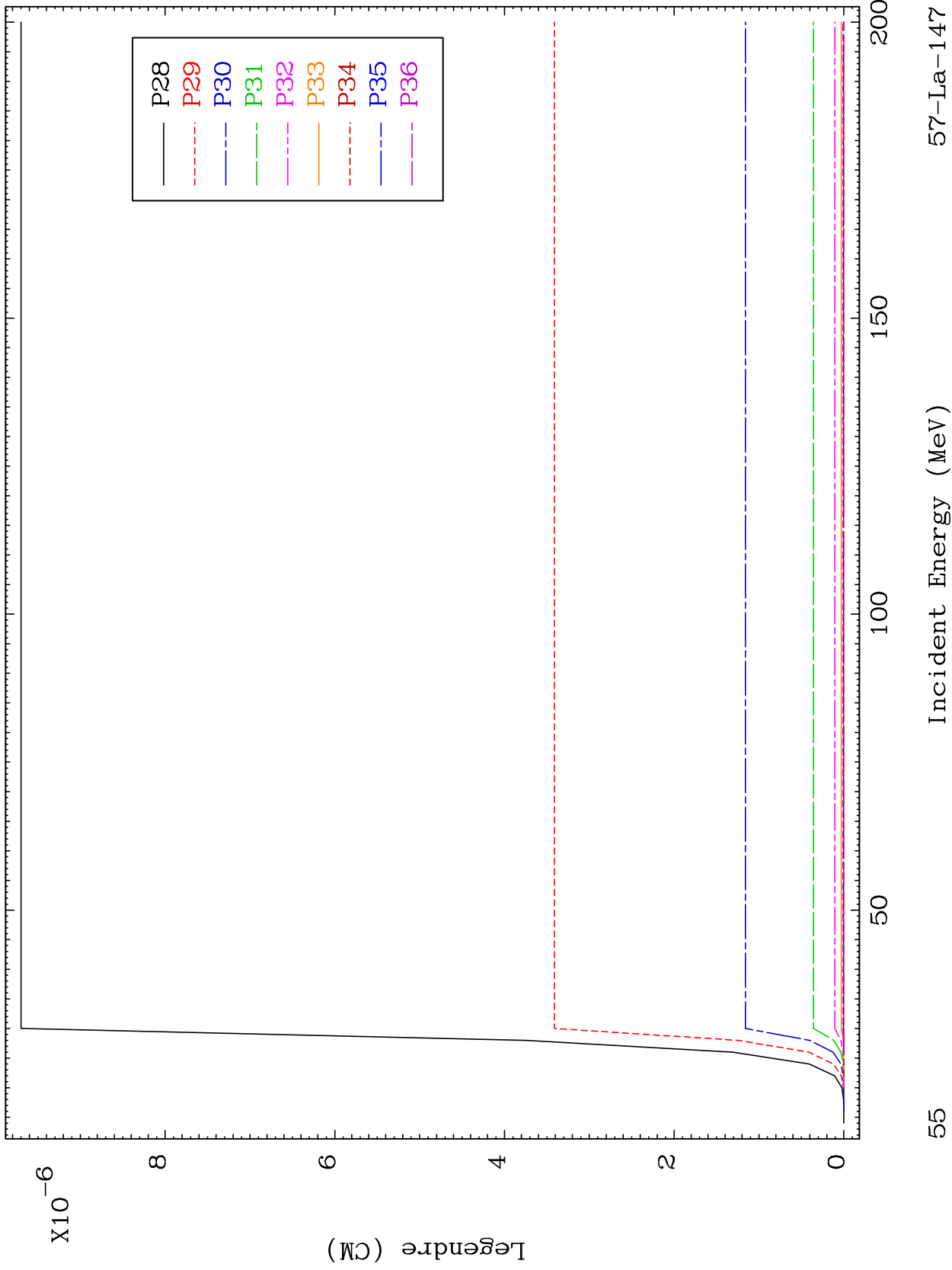
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



55

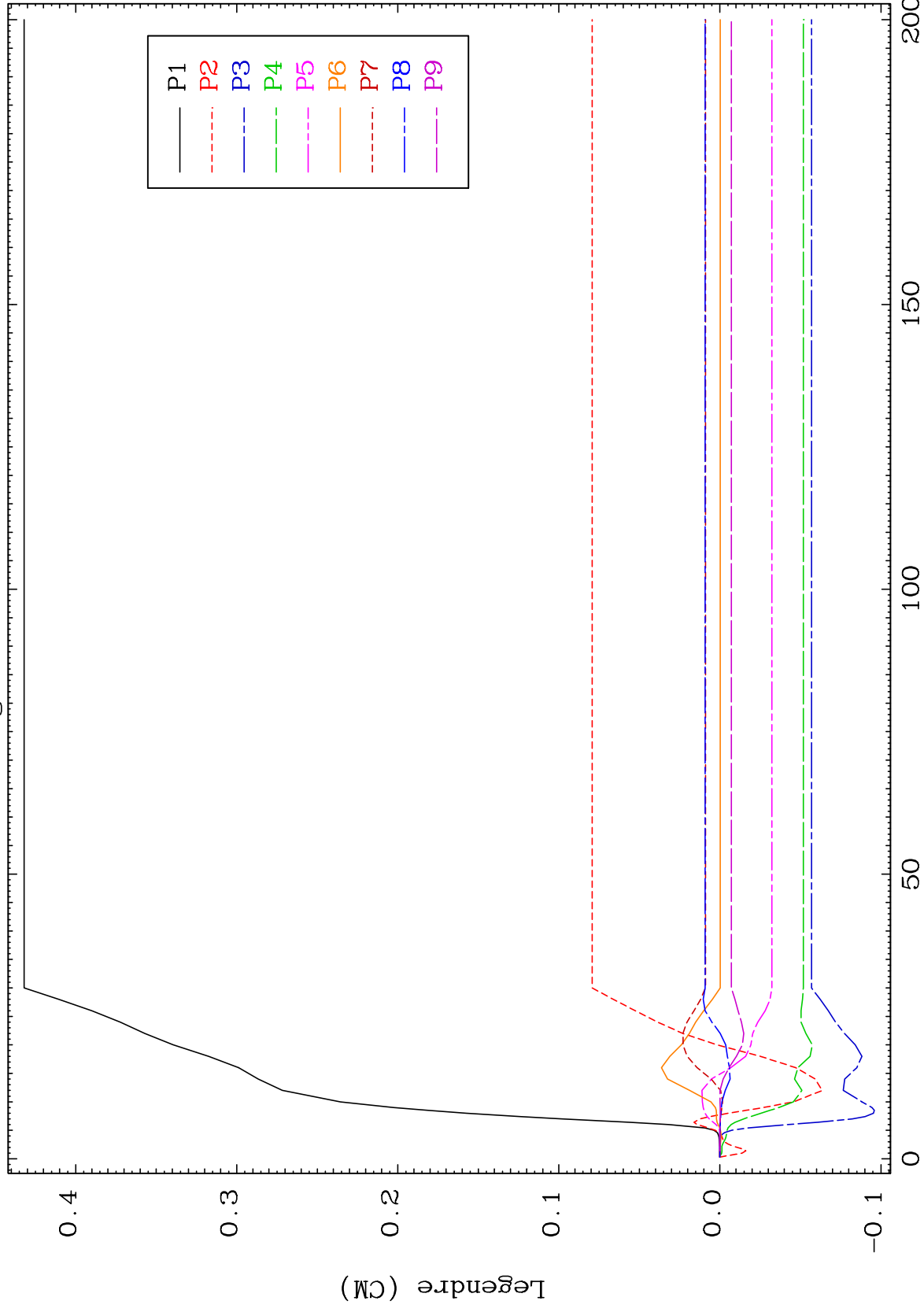
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



57-La-147

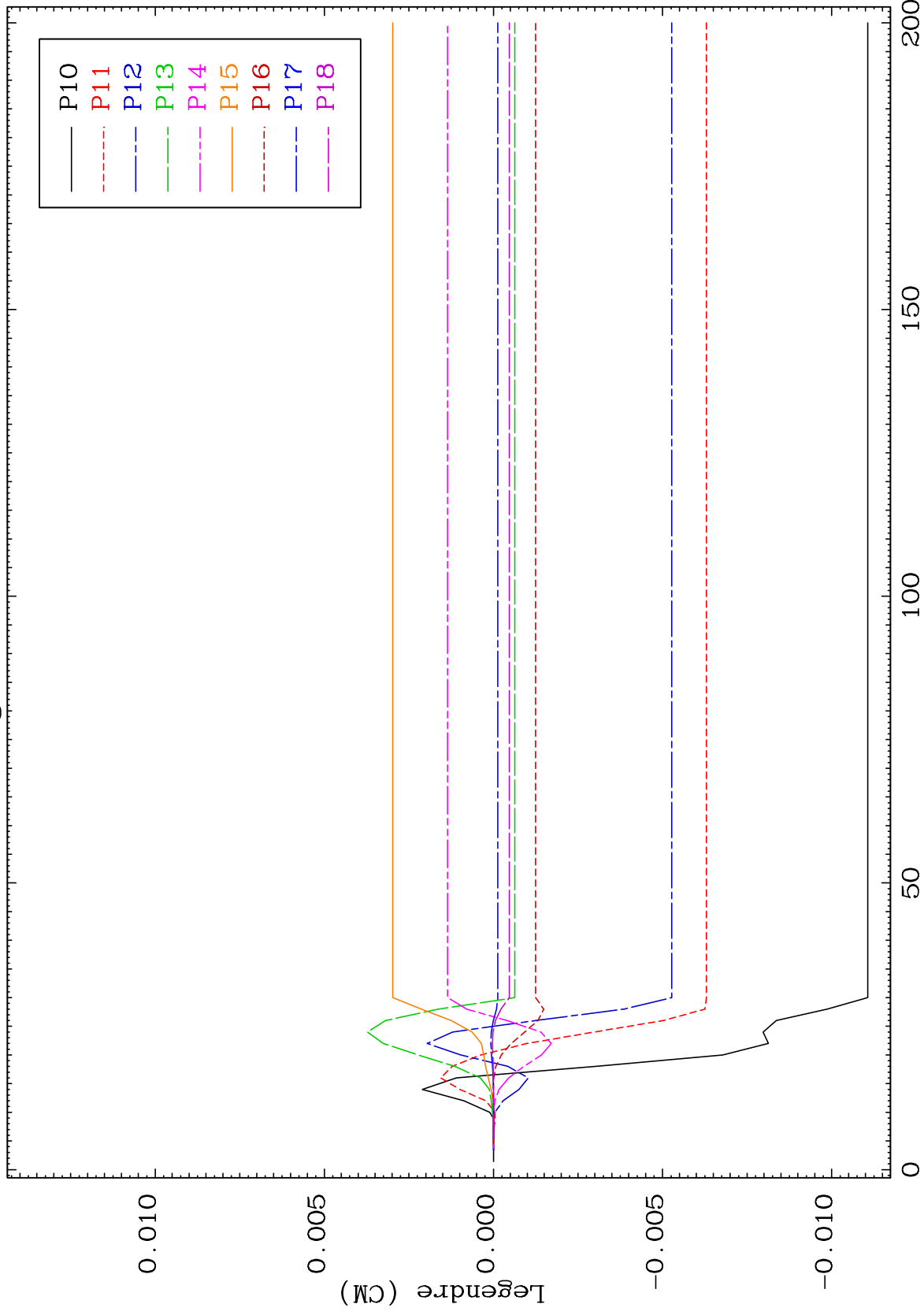
Incident Energy (MeV)

56

MAT 5752

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

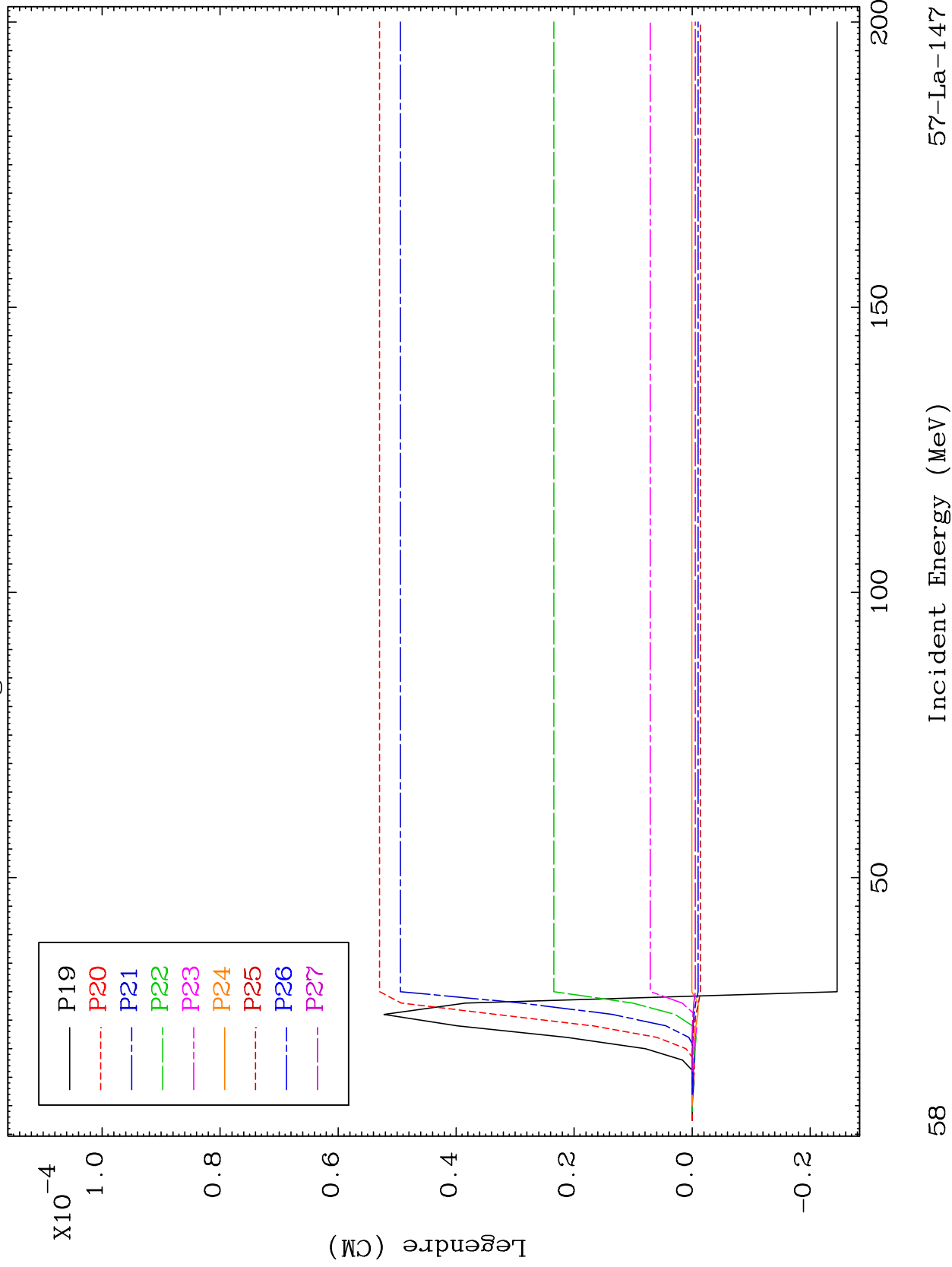
57-La-147

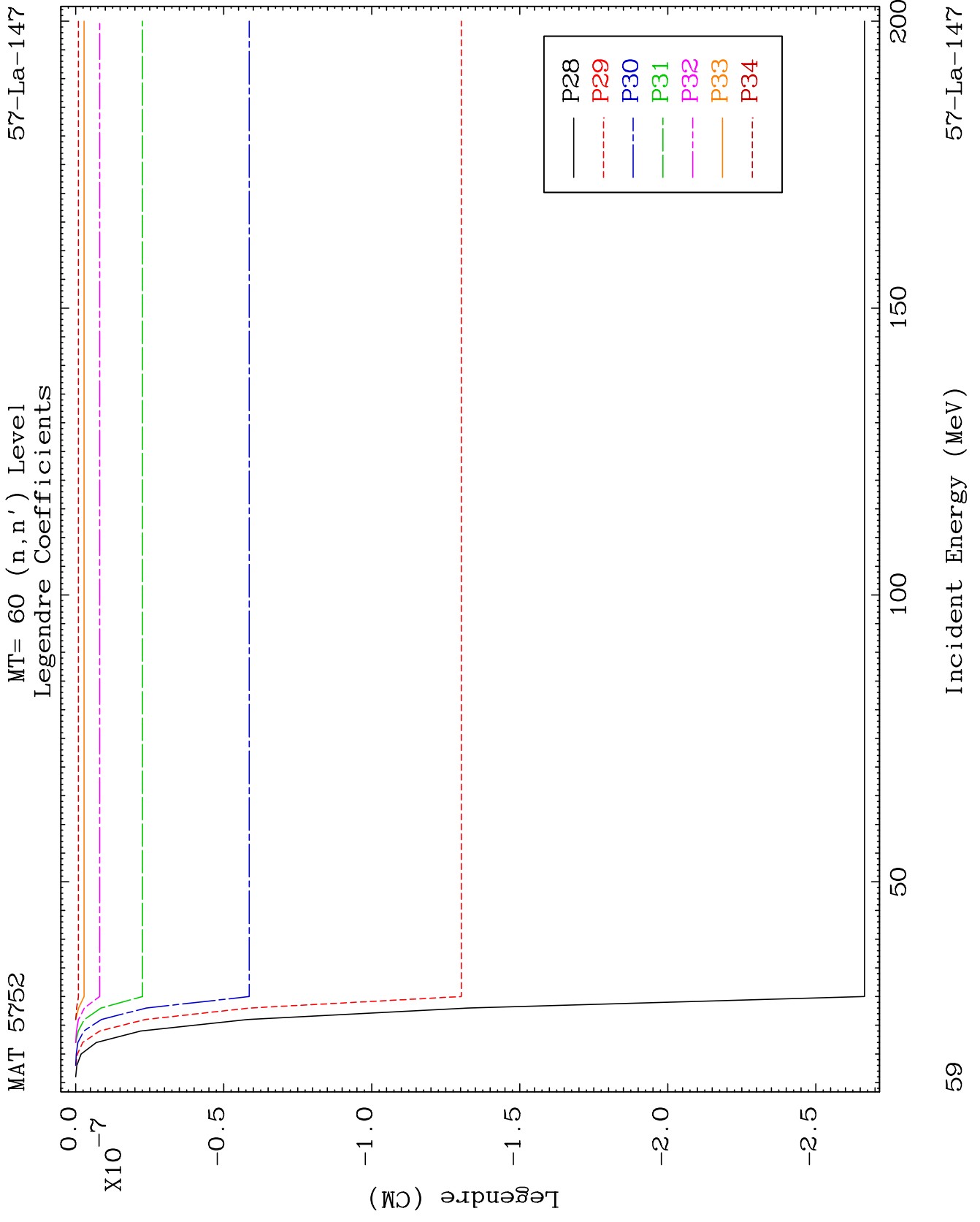


57

Incident Energy (MeV)

57-La-147

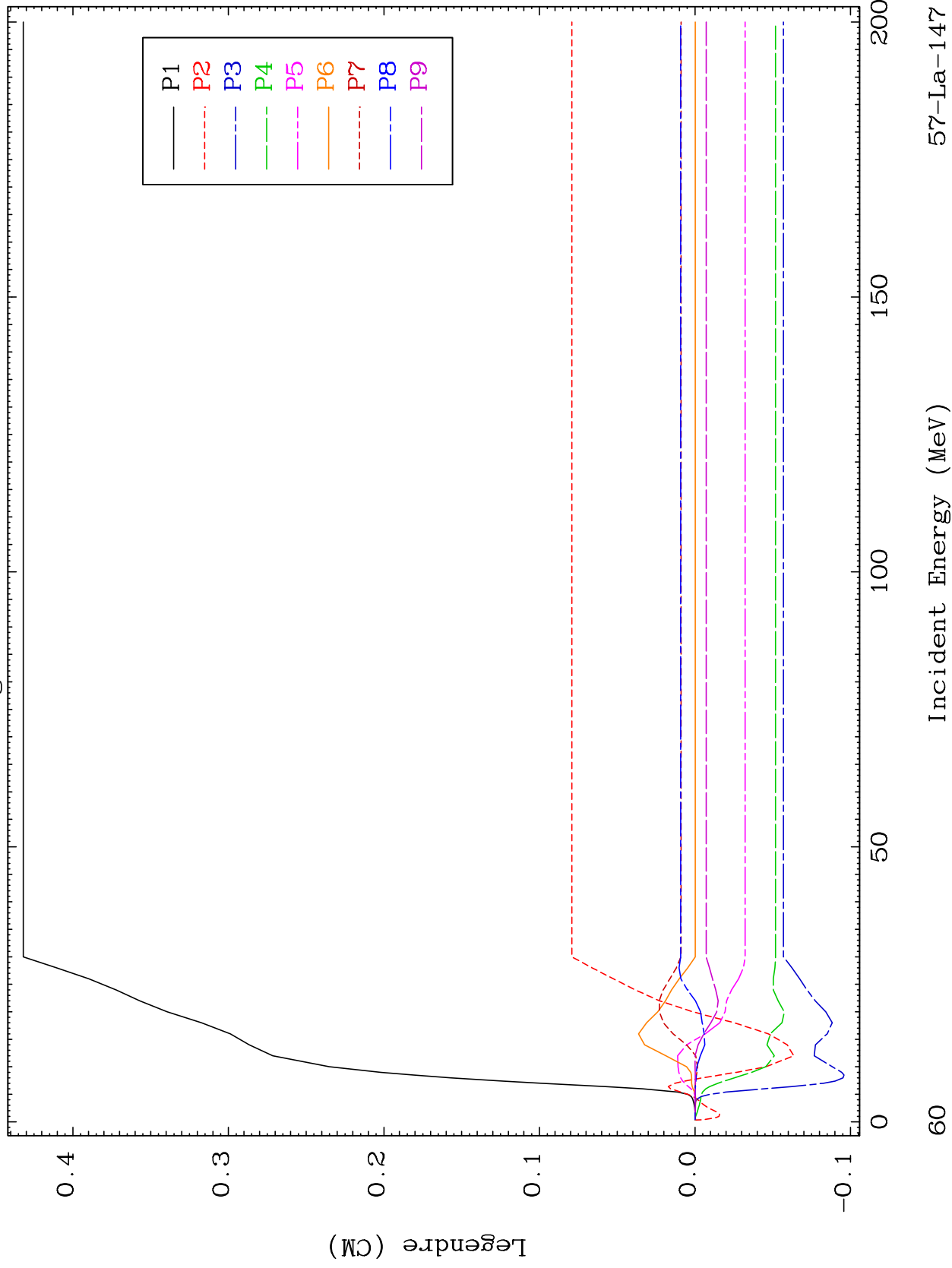




MAT 5752

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

57-La-147

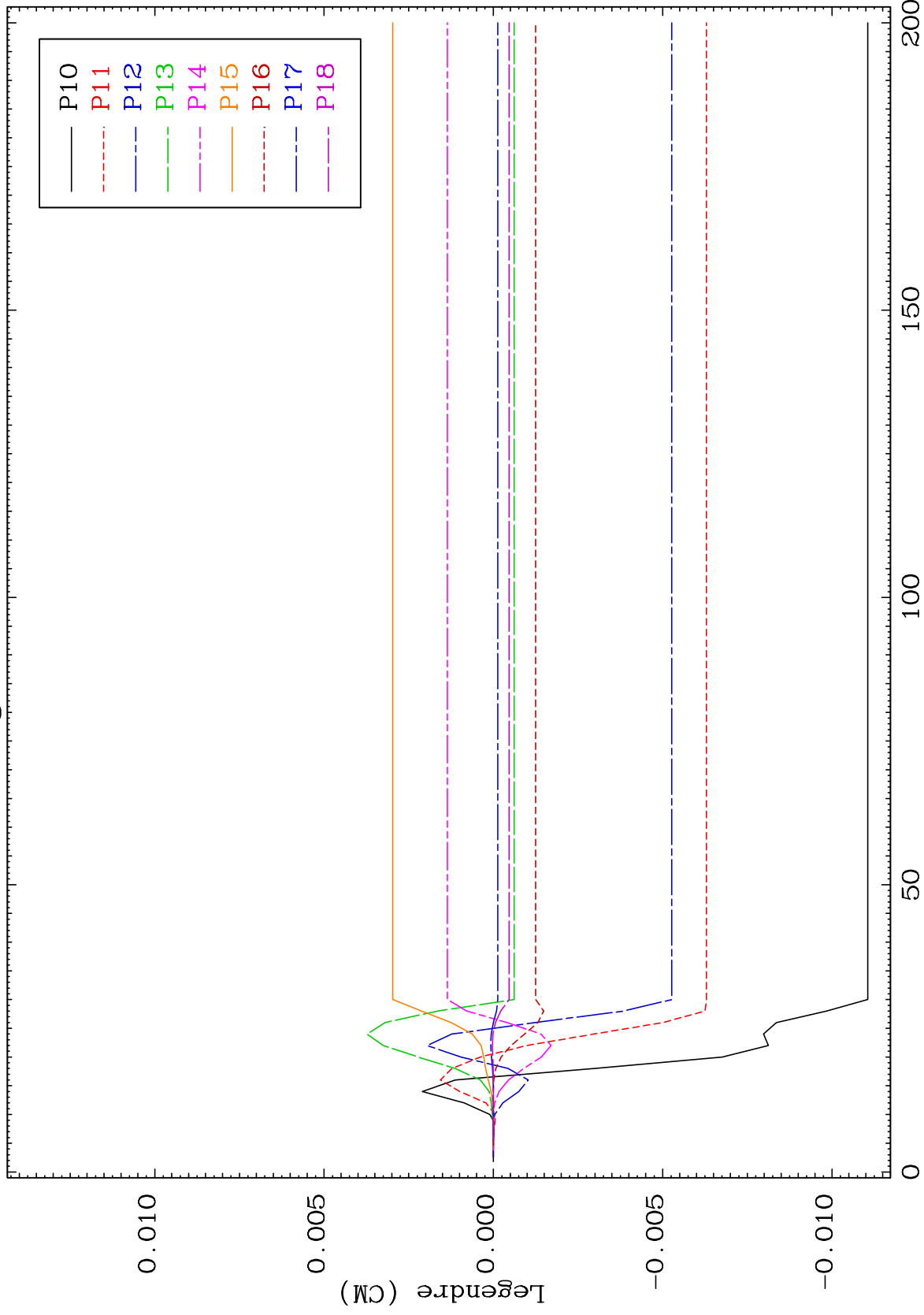


57-La-147

MAT 5752

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

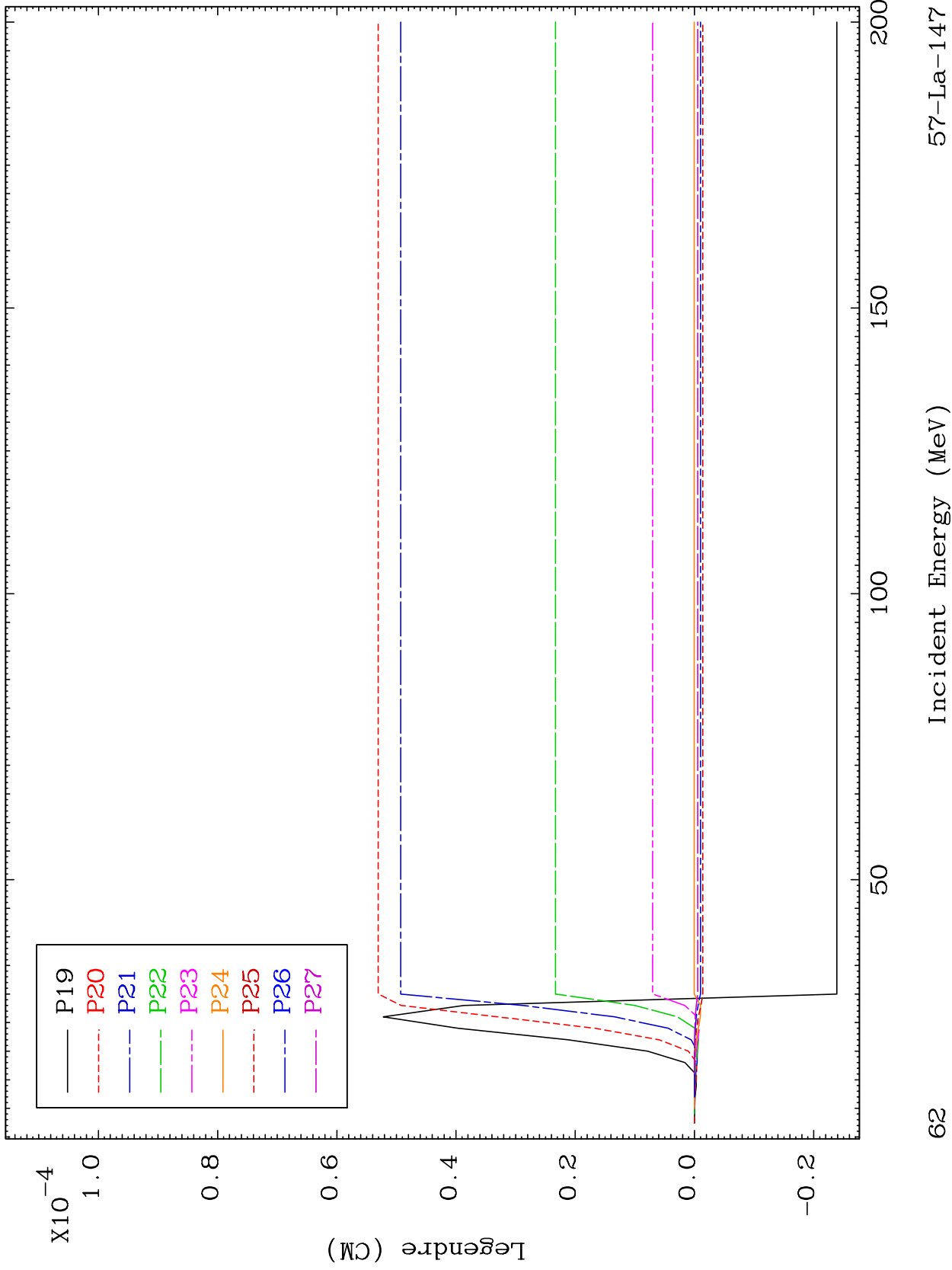
57-La-147

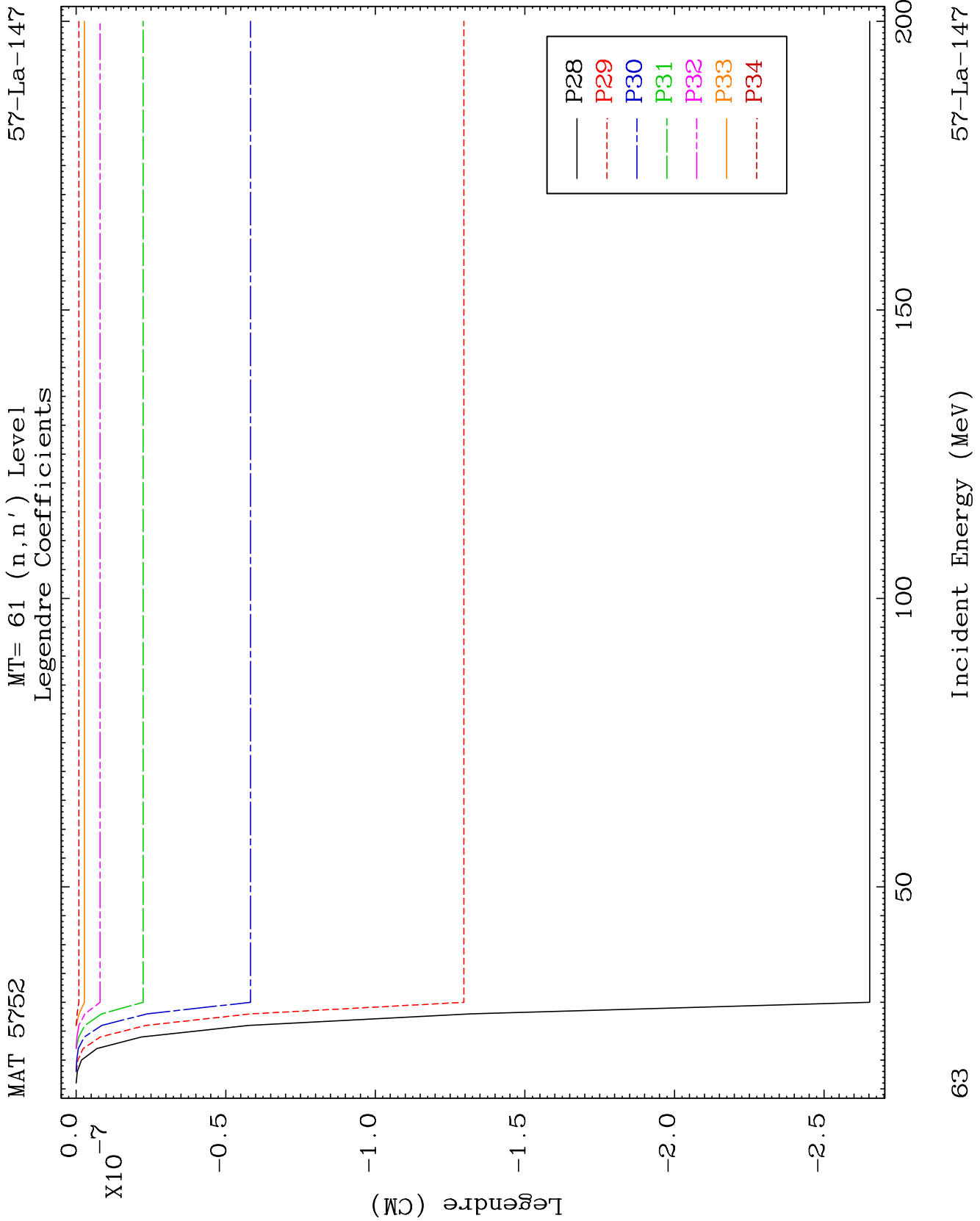


57-La-147

Incident Energy (MeV)

61

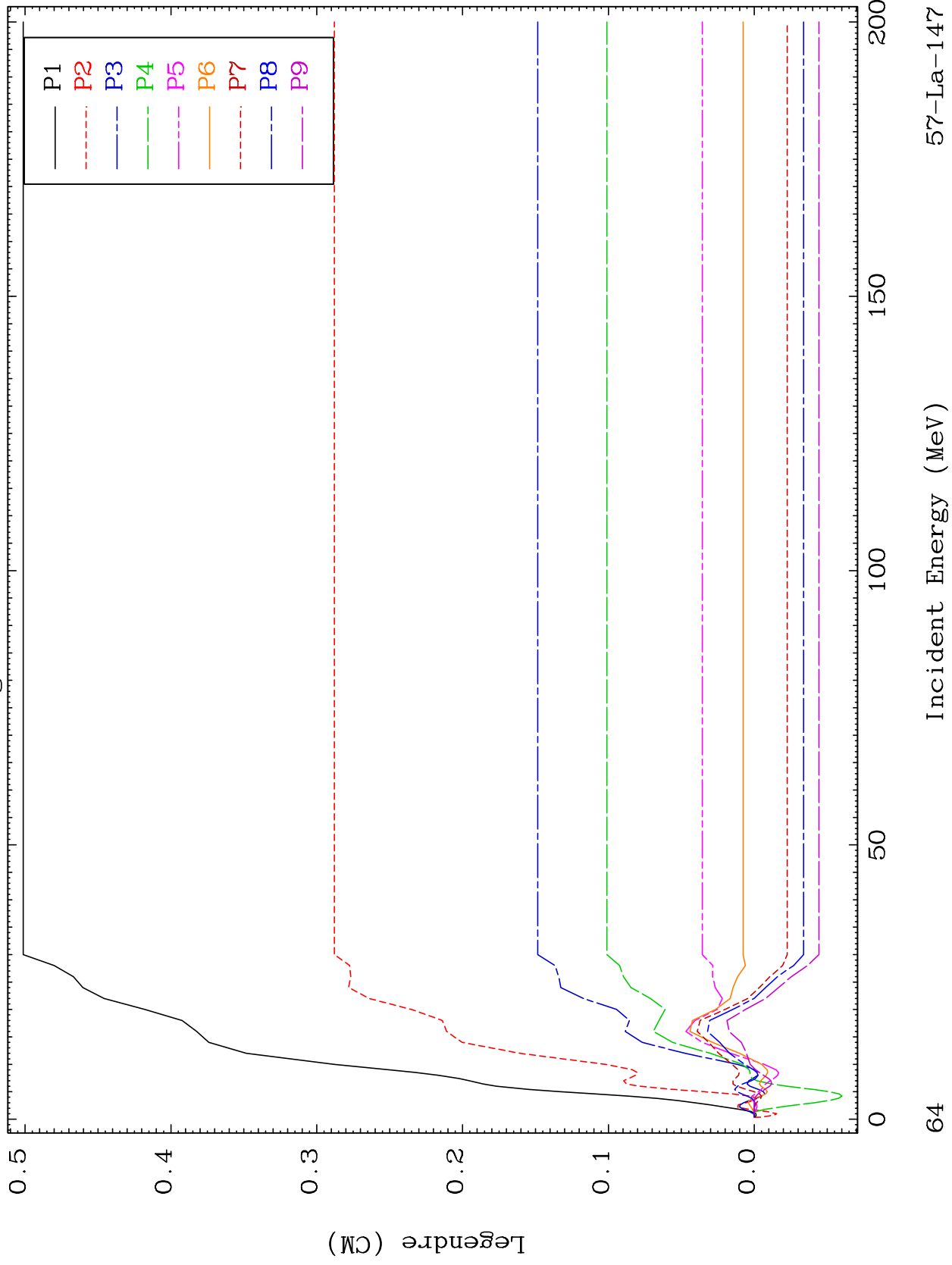




MAT 5752

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

57-La-147



57-La-147

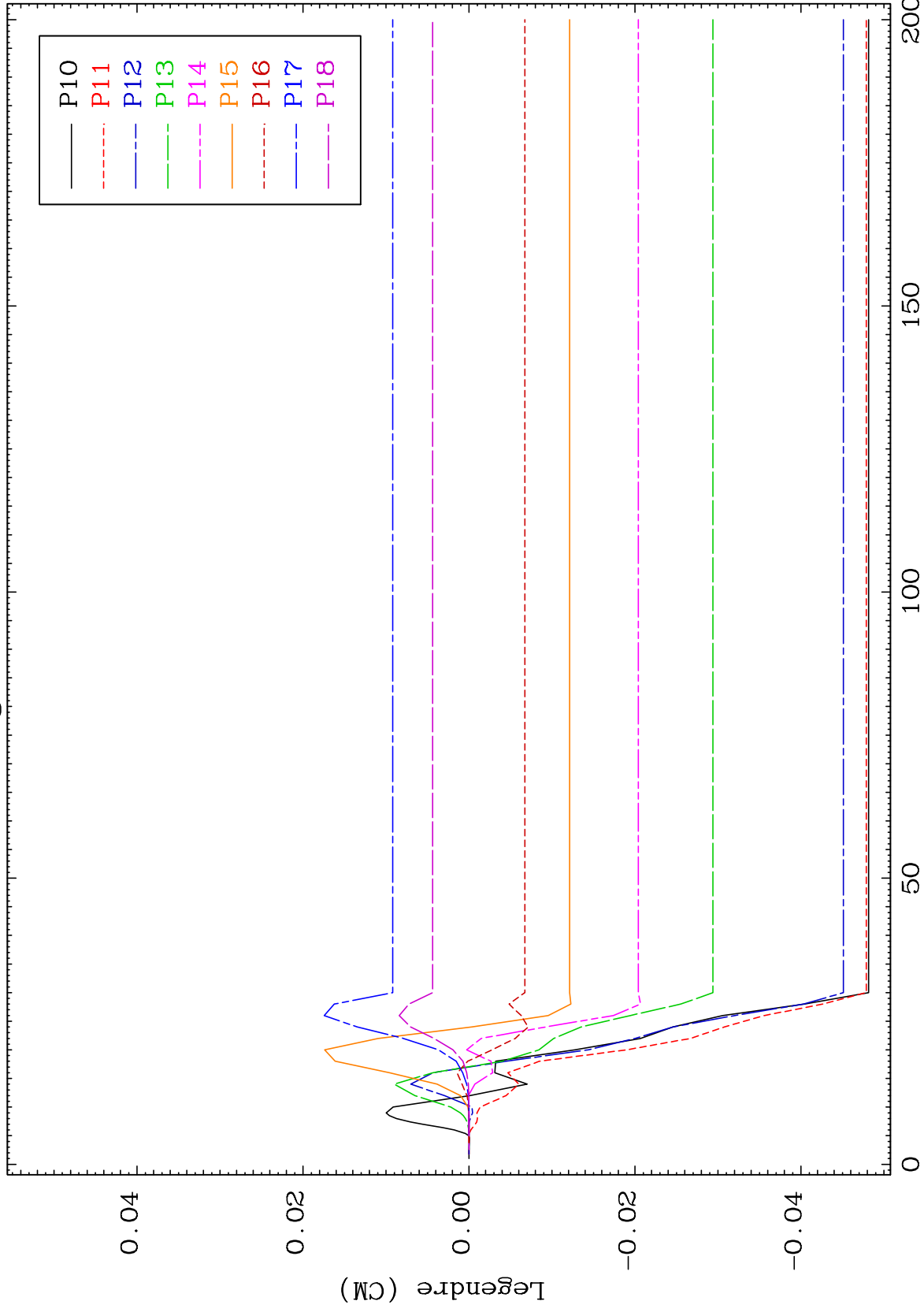
Incident Energy (MeV)

64

MAT 5752

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

57-La-147



65

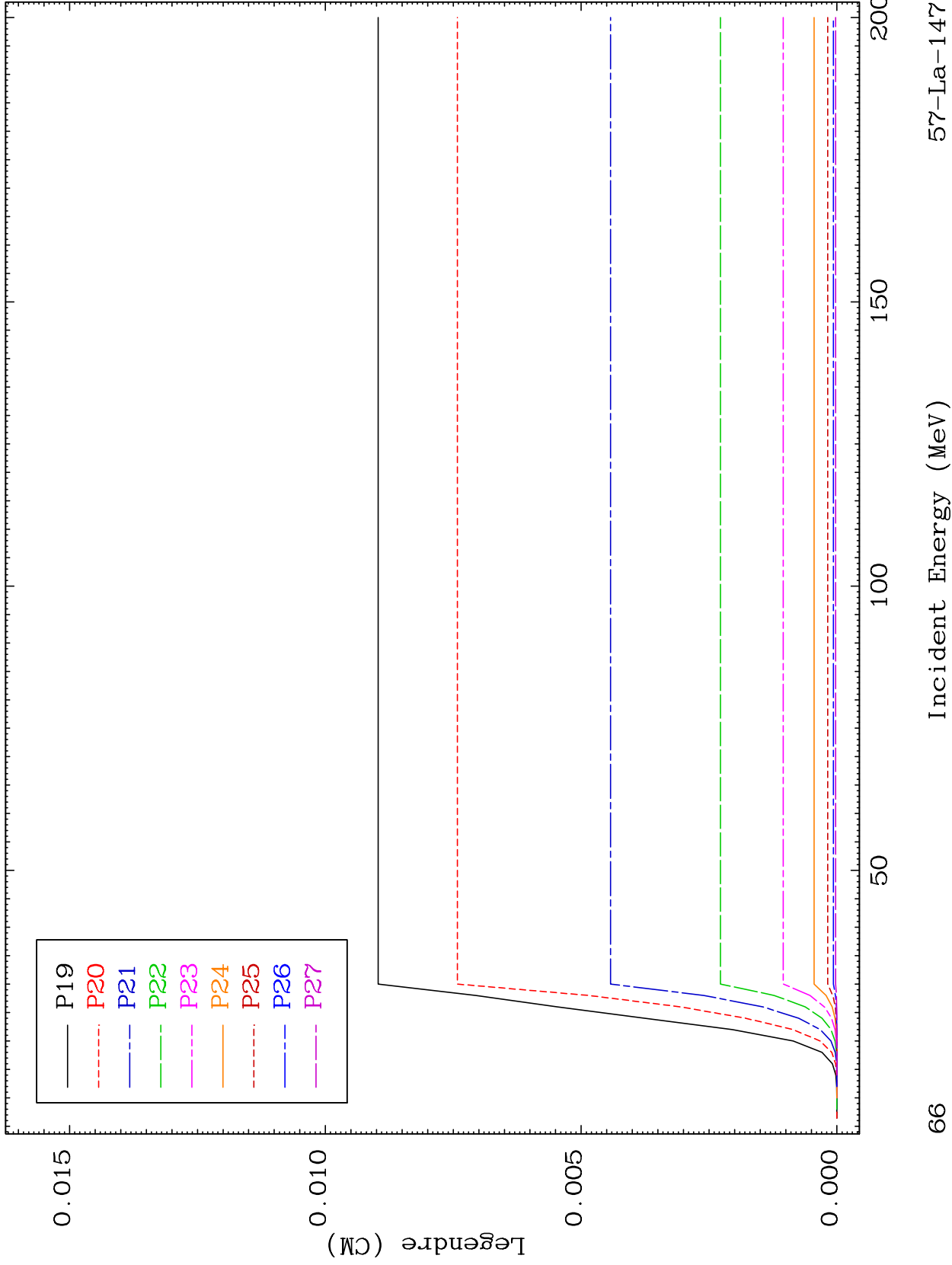
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



66

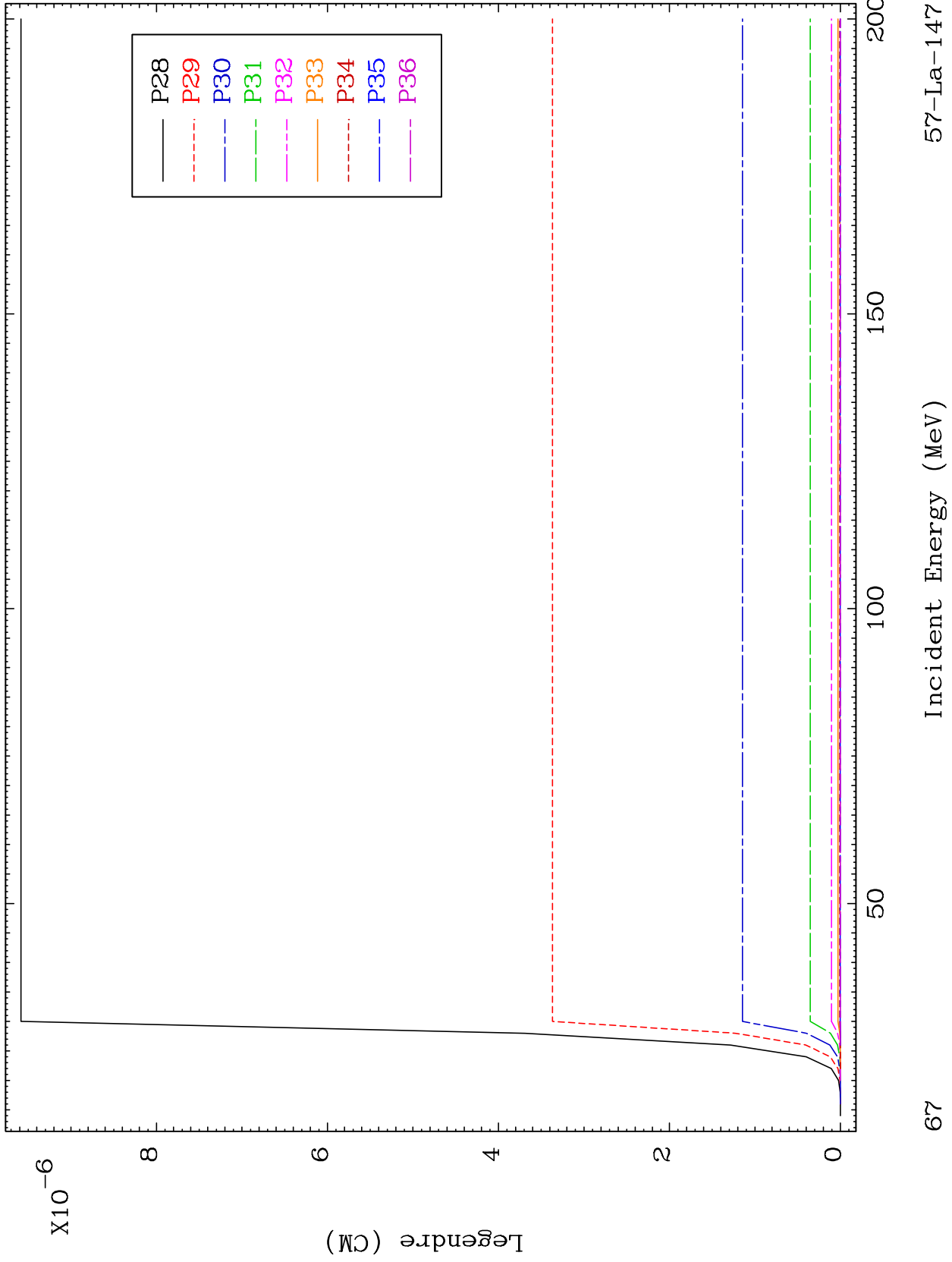
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



67

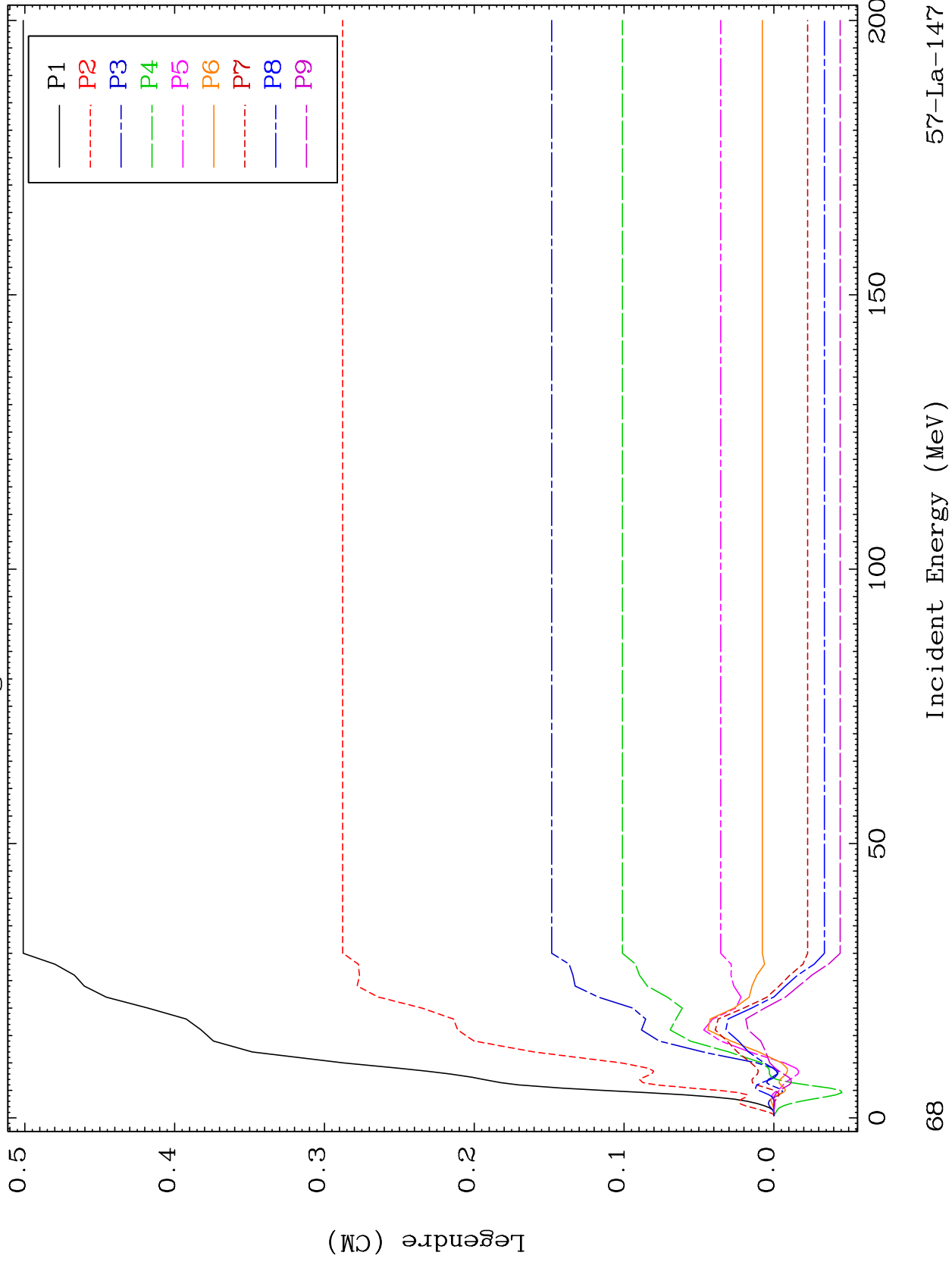
Incident Energy (MeV)

57-La-147

MAT 5752

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

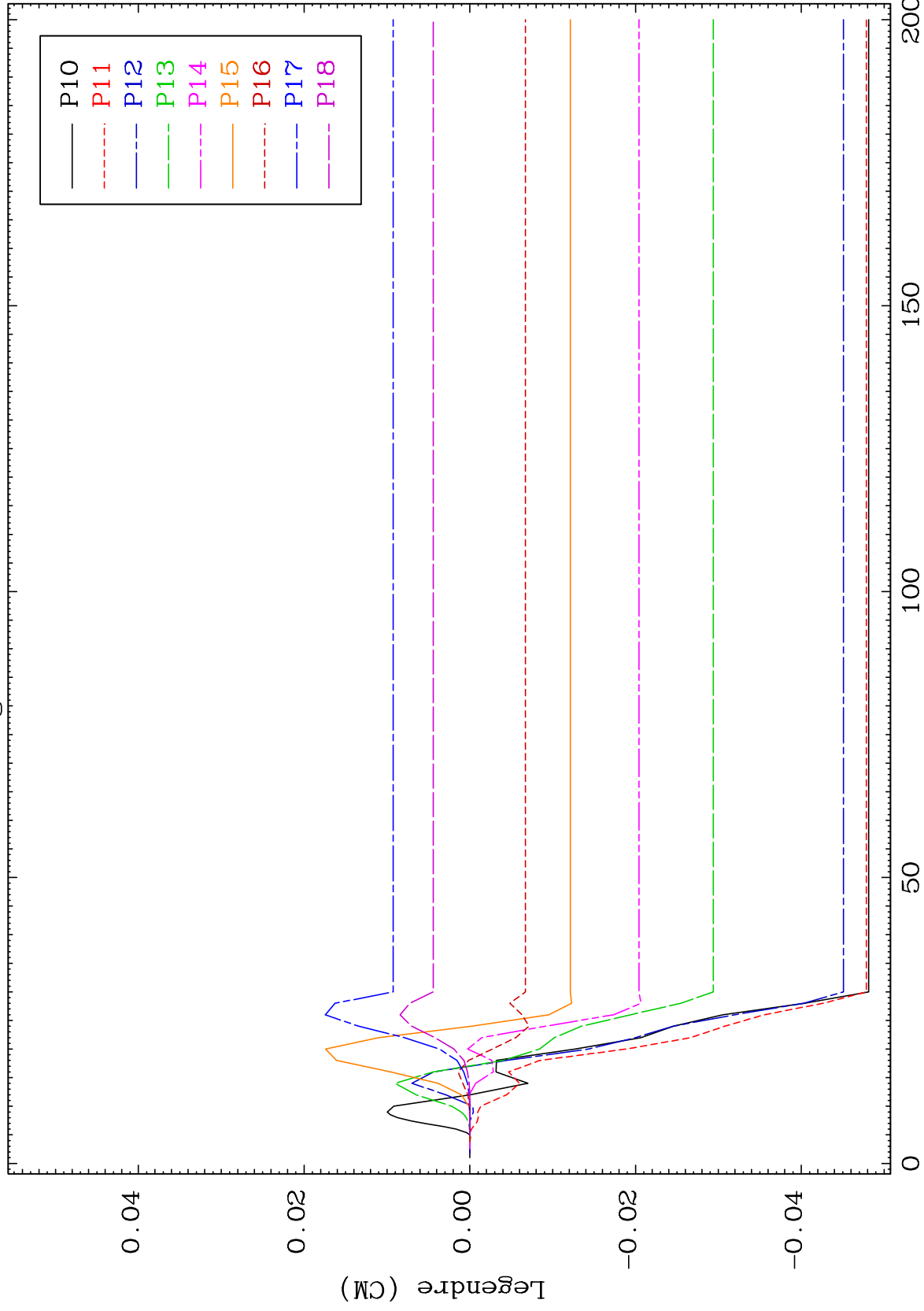
57-La-147



MAT 5752

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

57-La-147



69

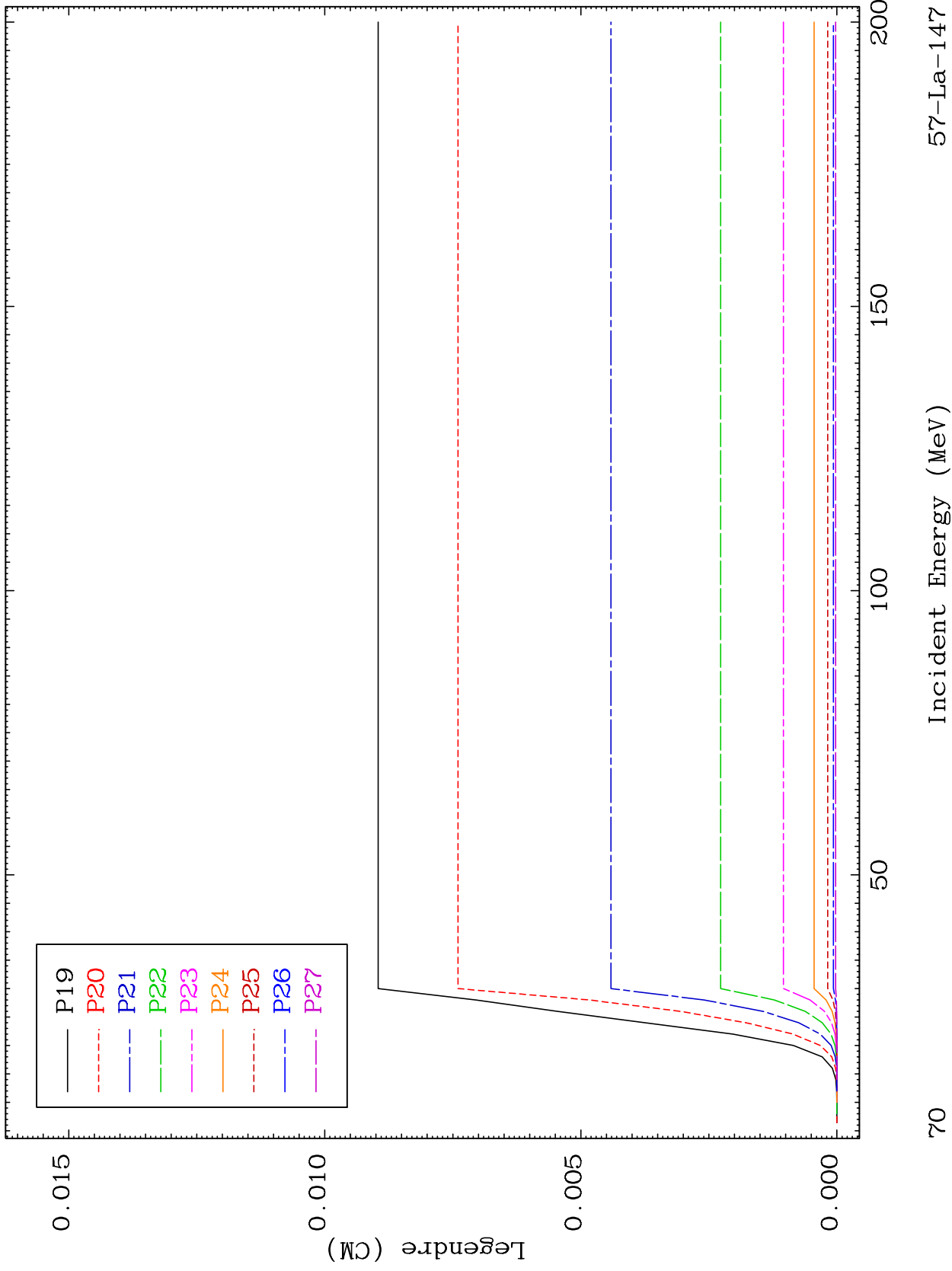
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



70

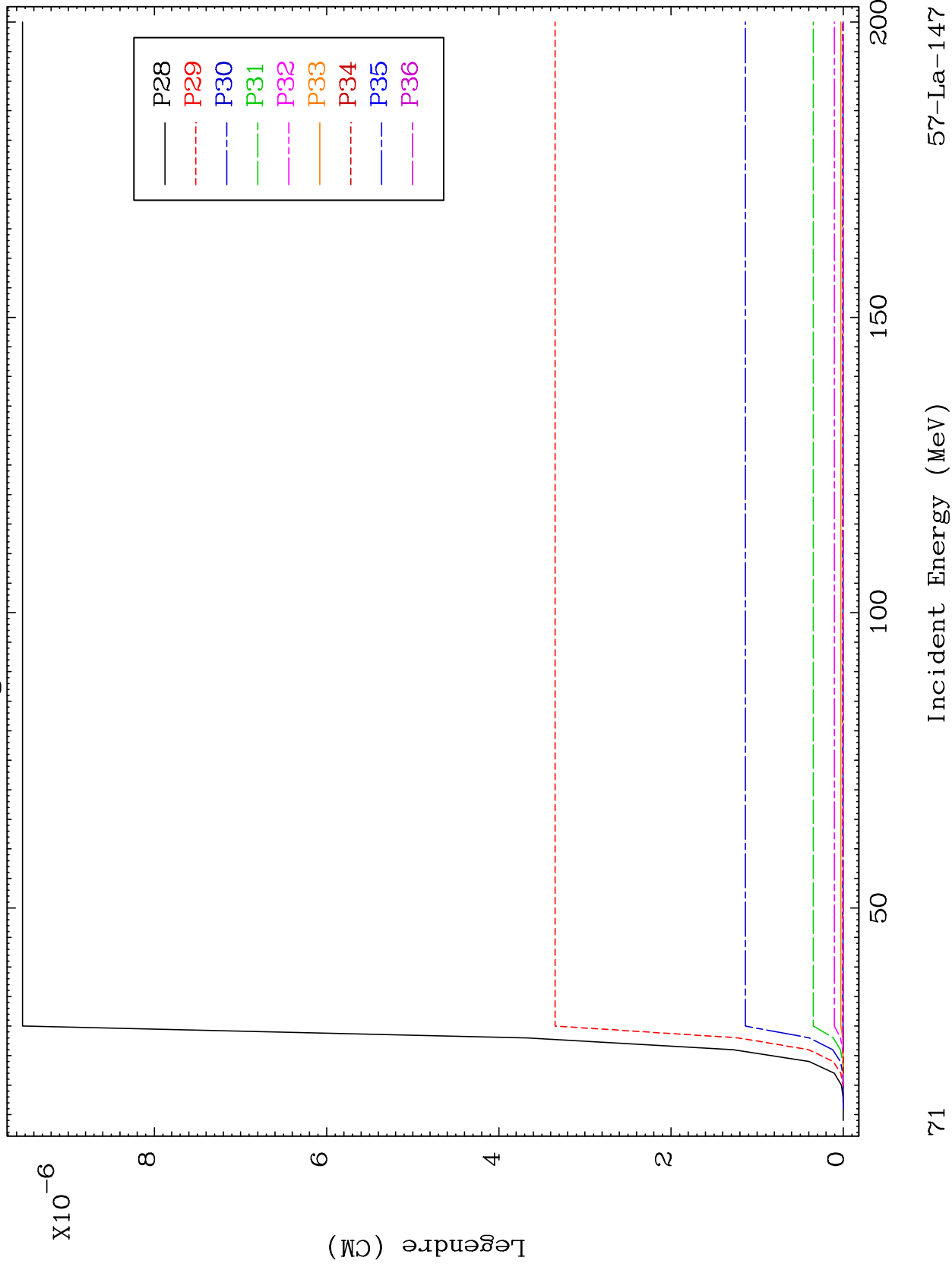
Incident Energy (MeV)

57-La-147

MAT 5752

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

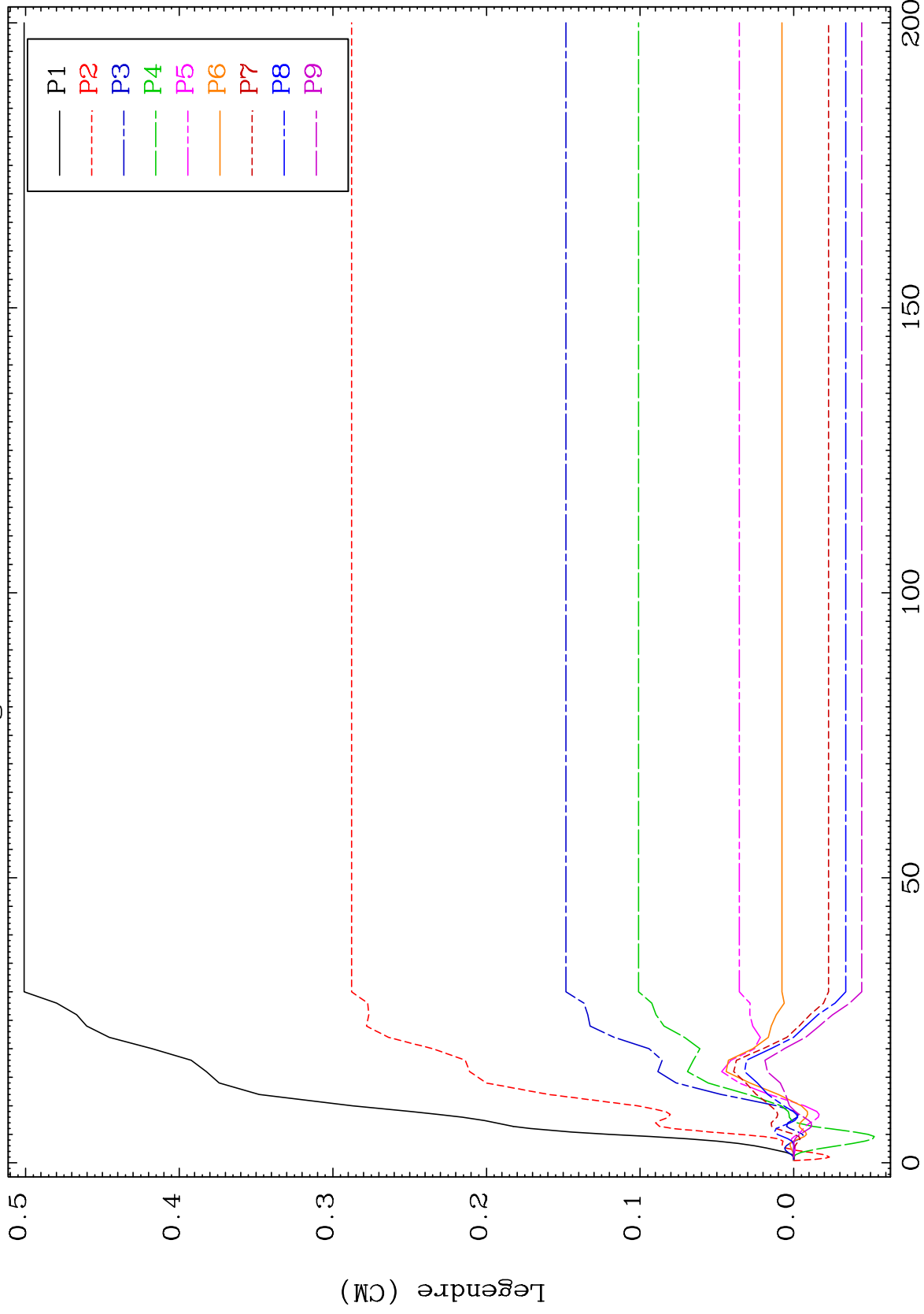
57-La-147



MAT 5752

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

57-La-147



57-La-147

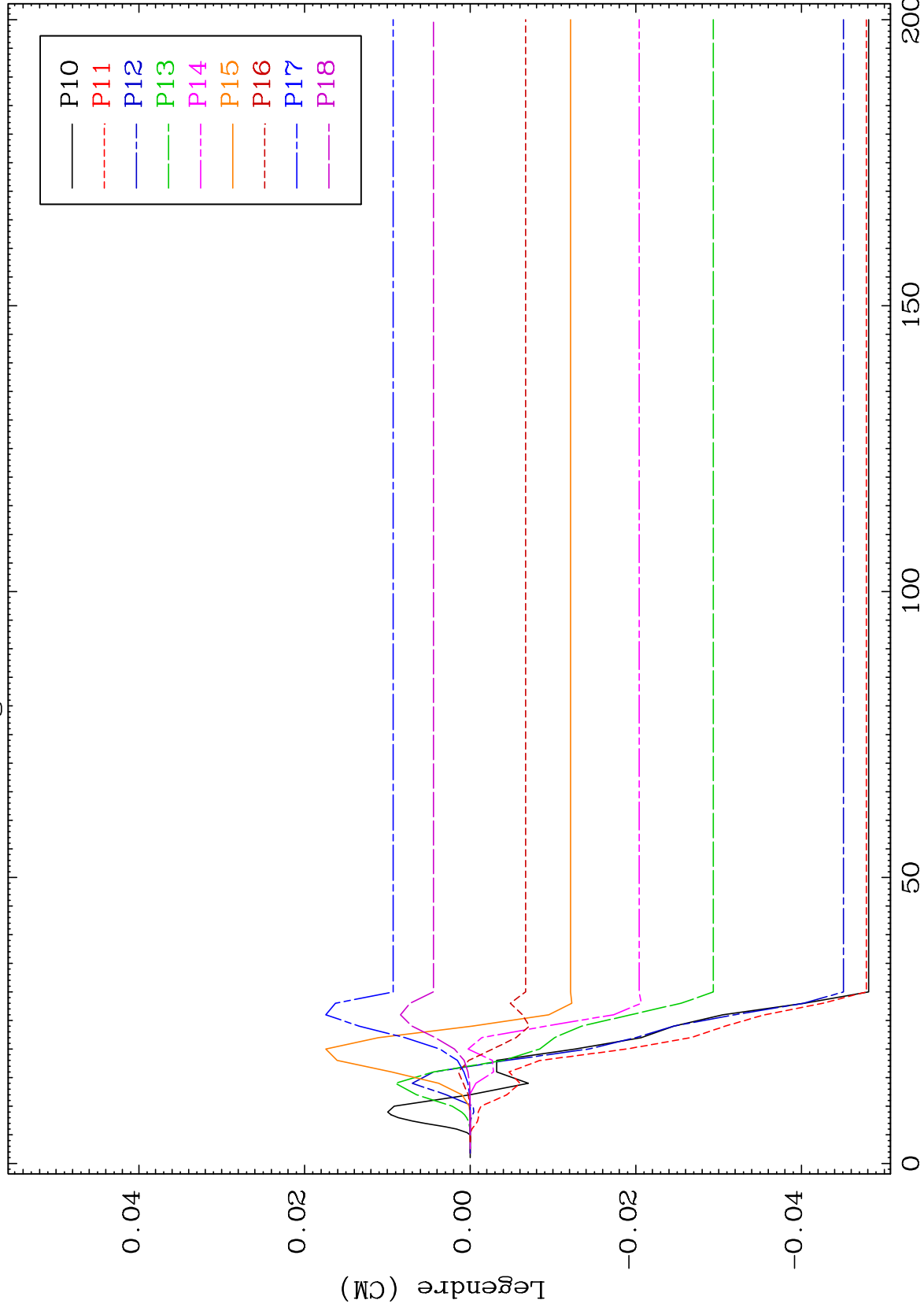
Incident Energy (MeV)

72

MAT 5752

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

57-La-147



73

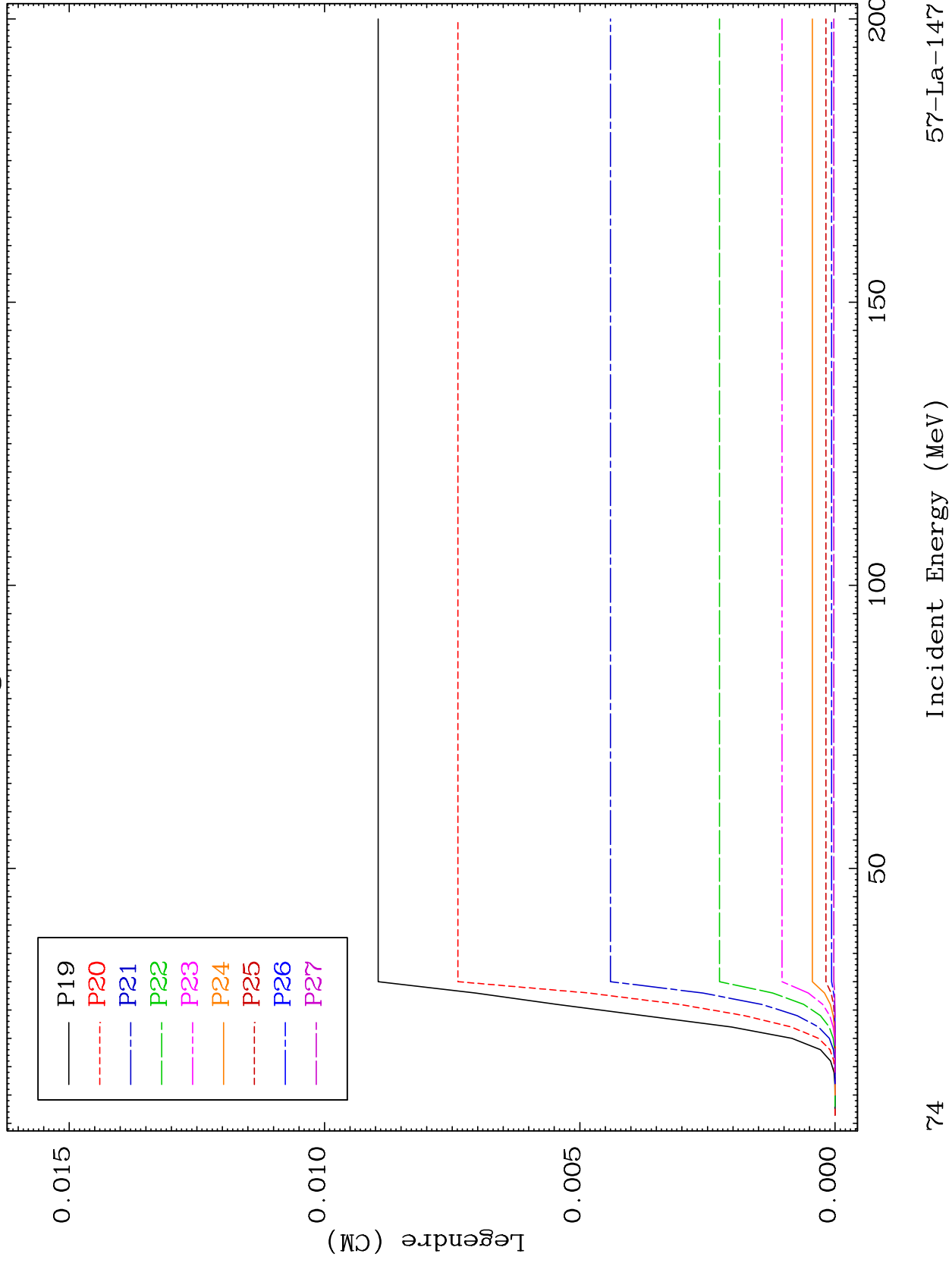
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



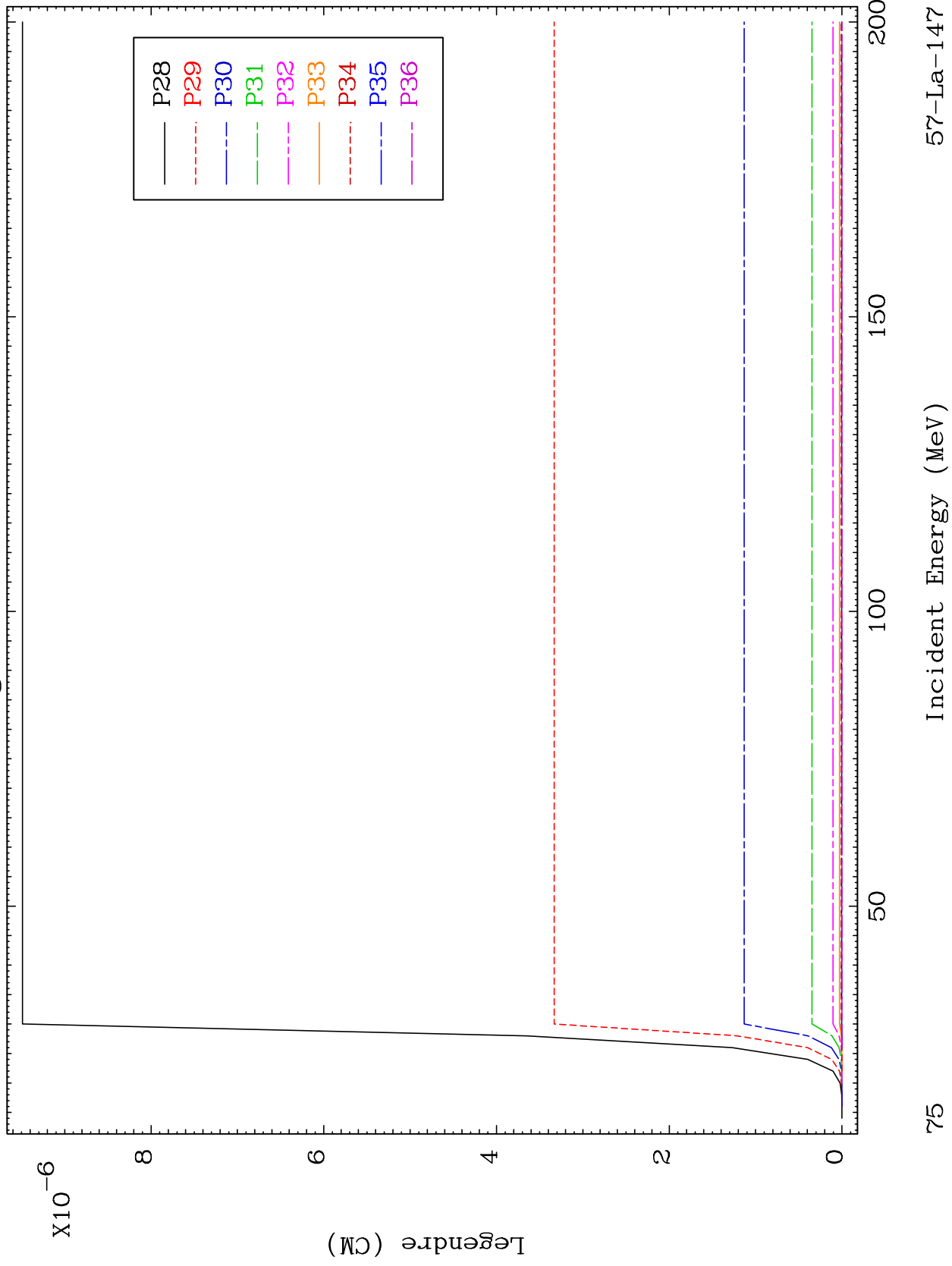
74

57-La-147

MAT 5752

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

57-La-147



75

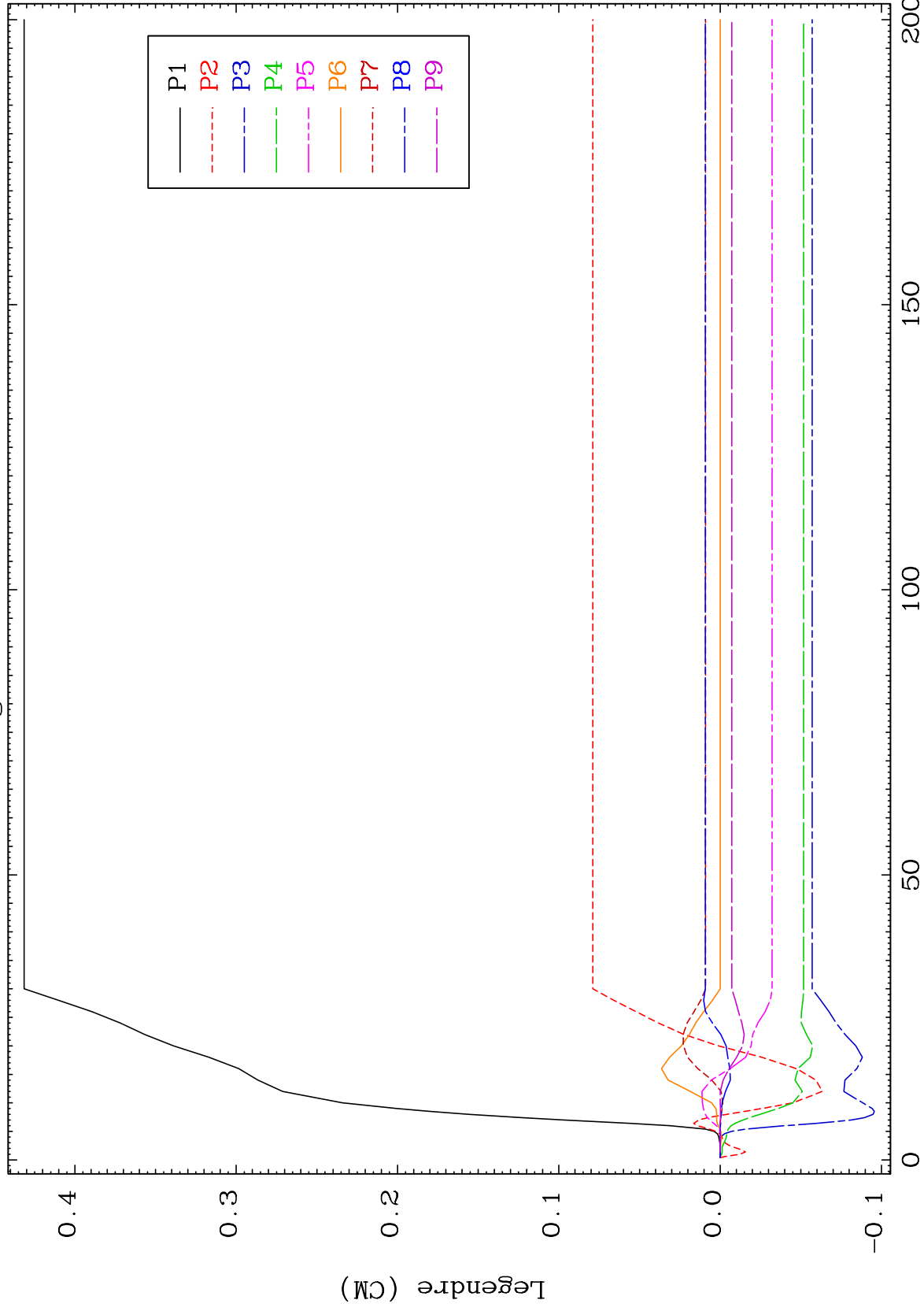
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



76

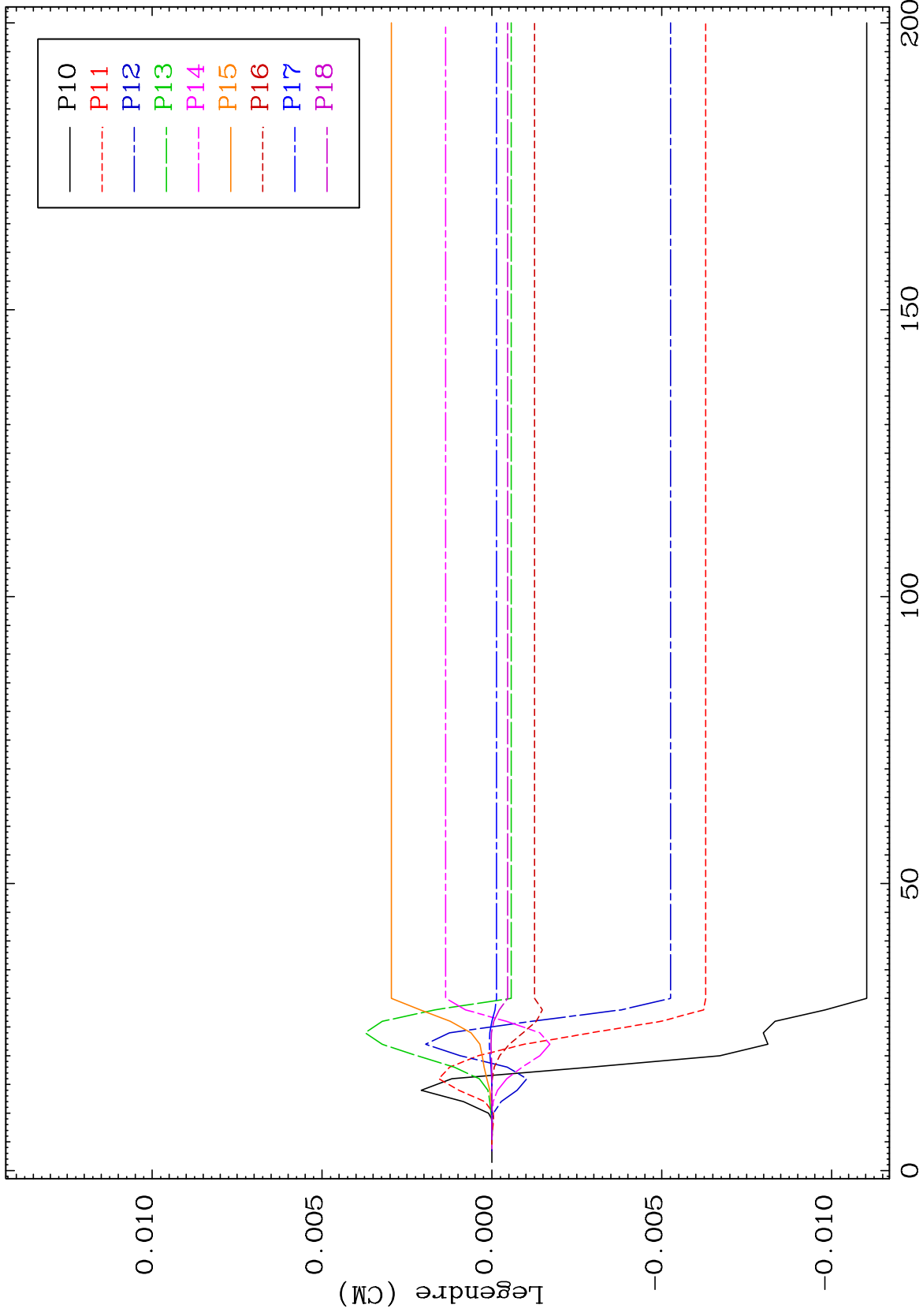
Incident Energy (MeV)

57-La-147

MAT 5752

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

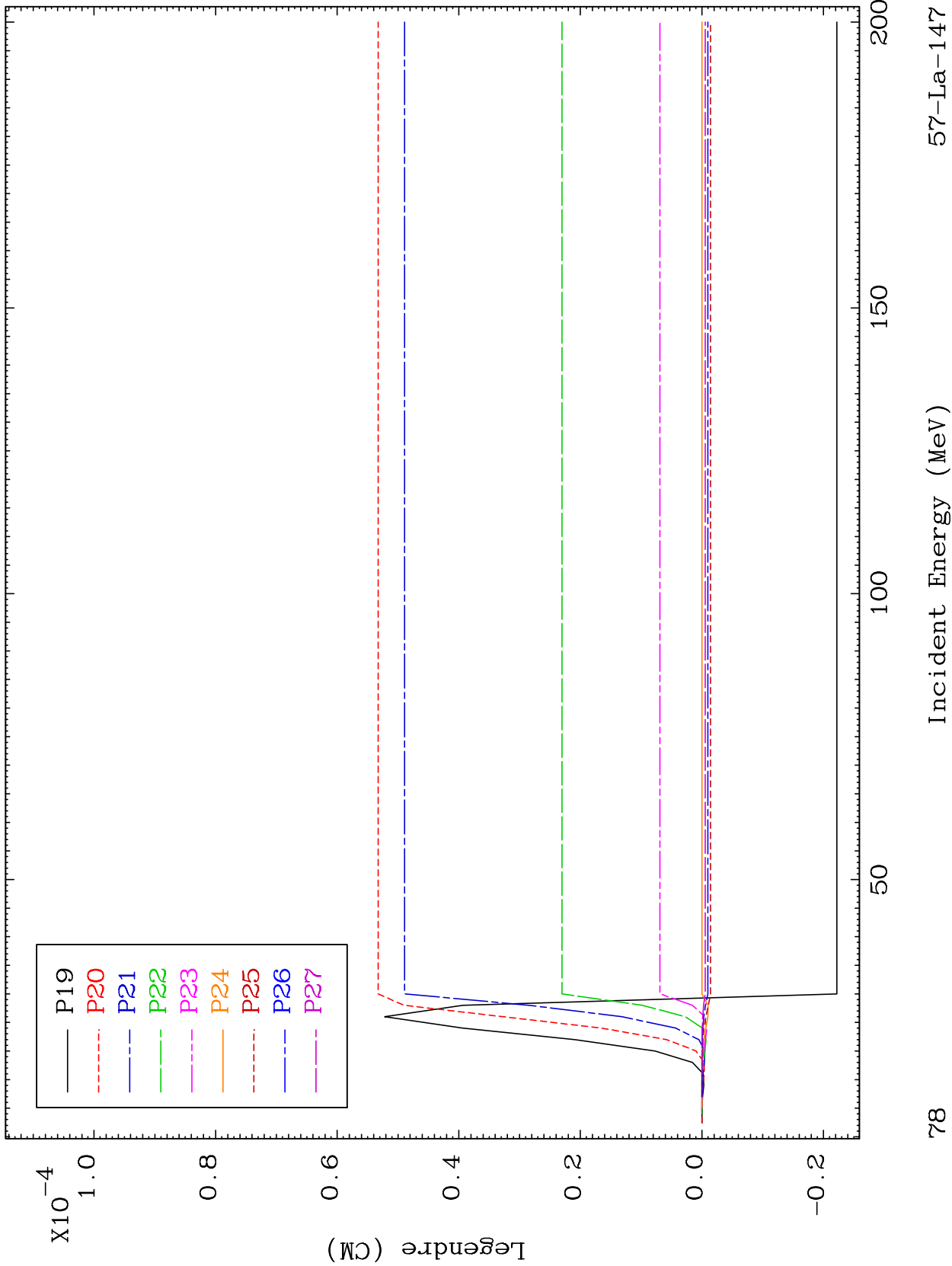
57-La-147

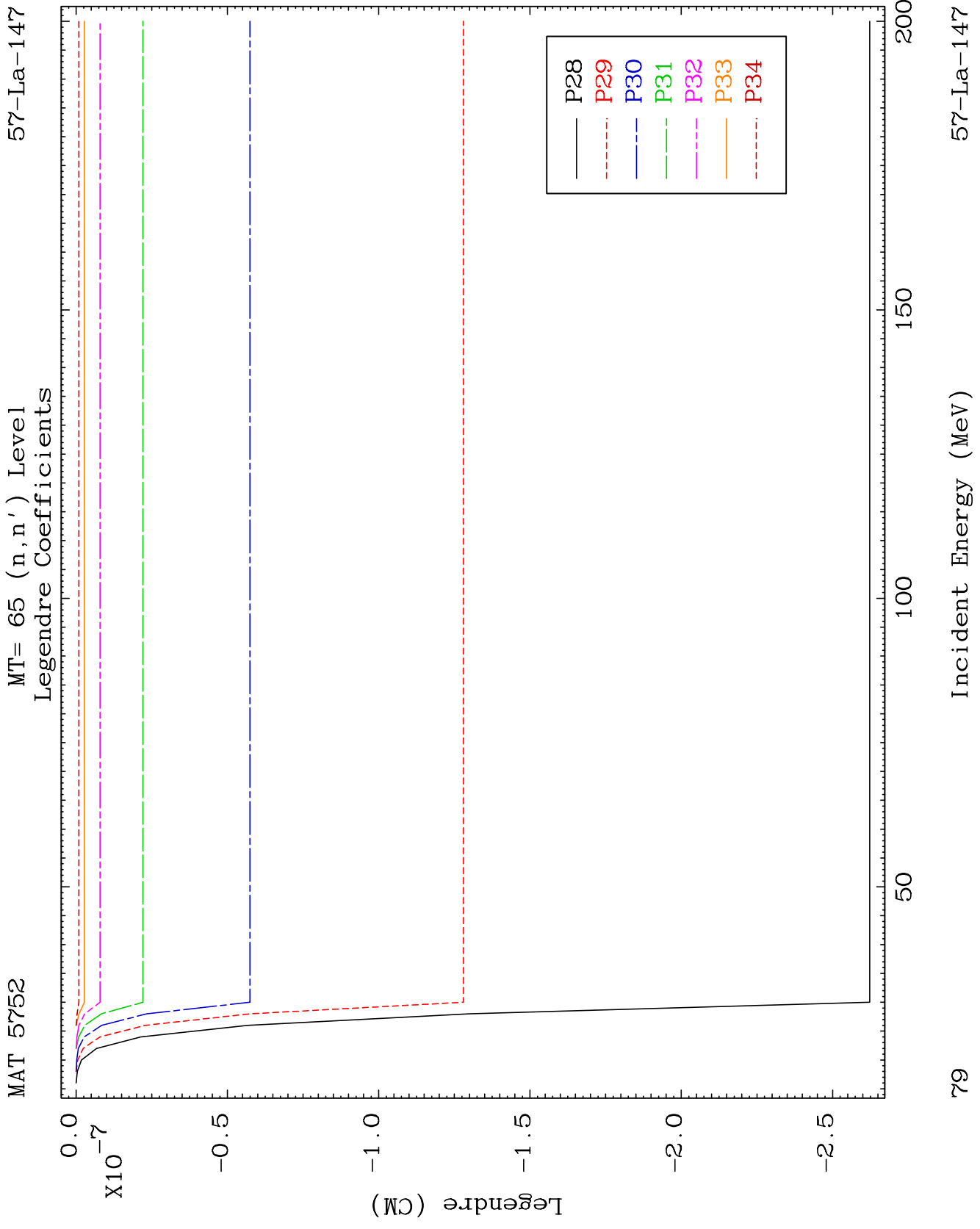


77

Incident Energy (MeV)

57-La-147

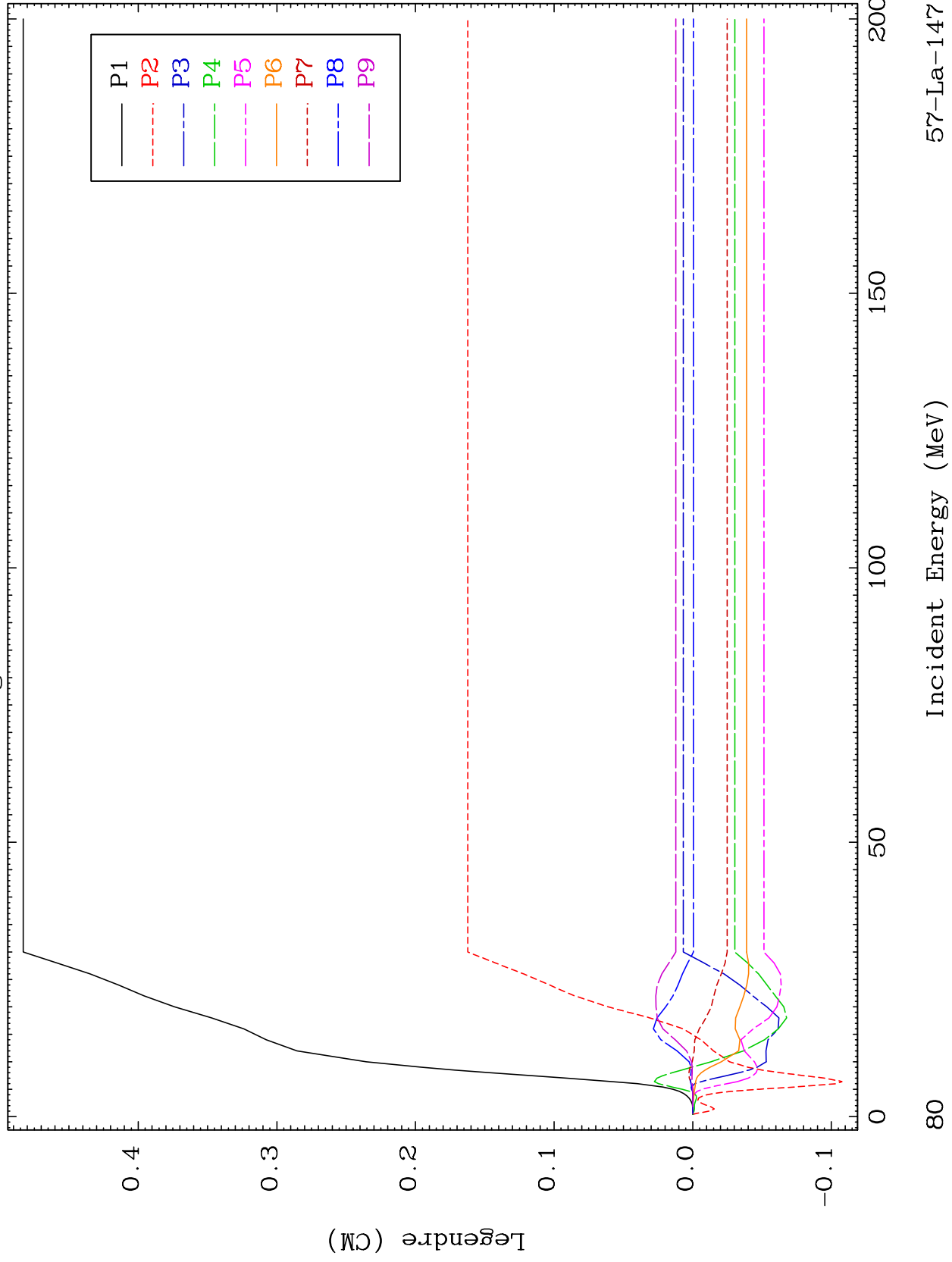




MAT 5752

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

57-La-147



57-La-147

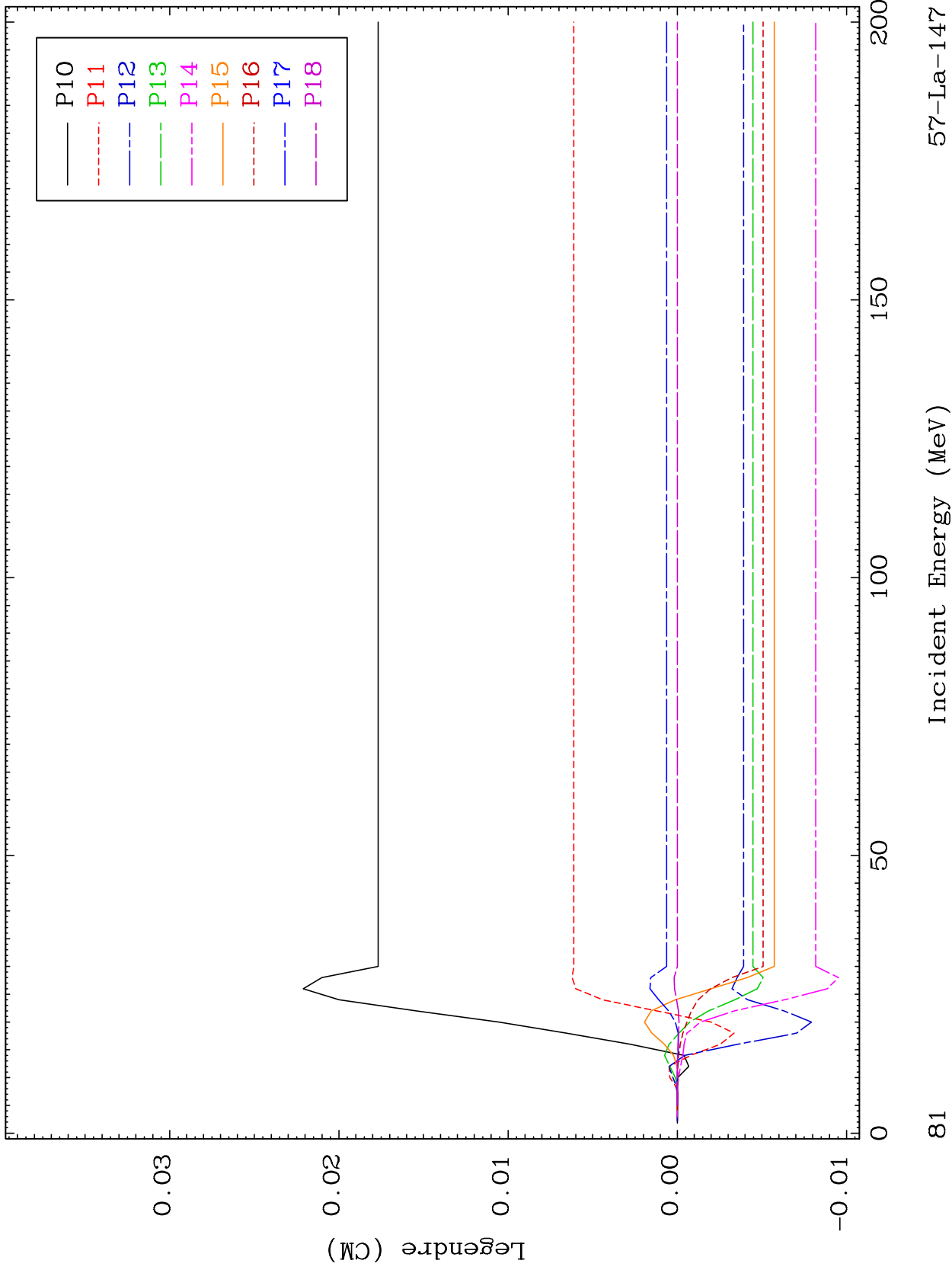
Incident Energy (MeV)

80

MAT 5752

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

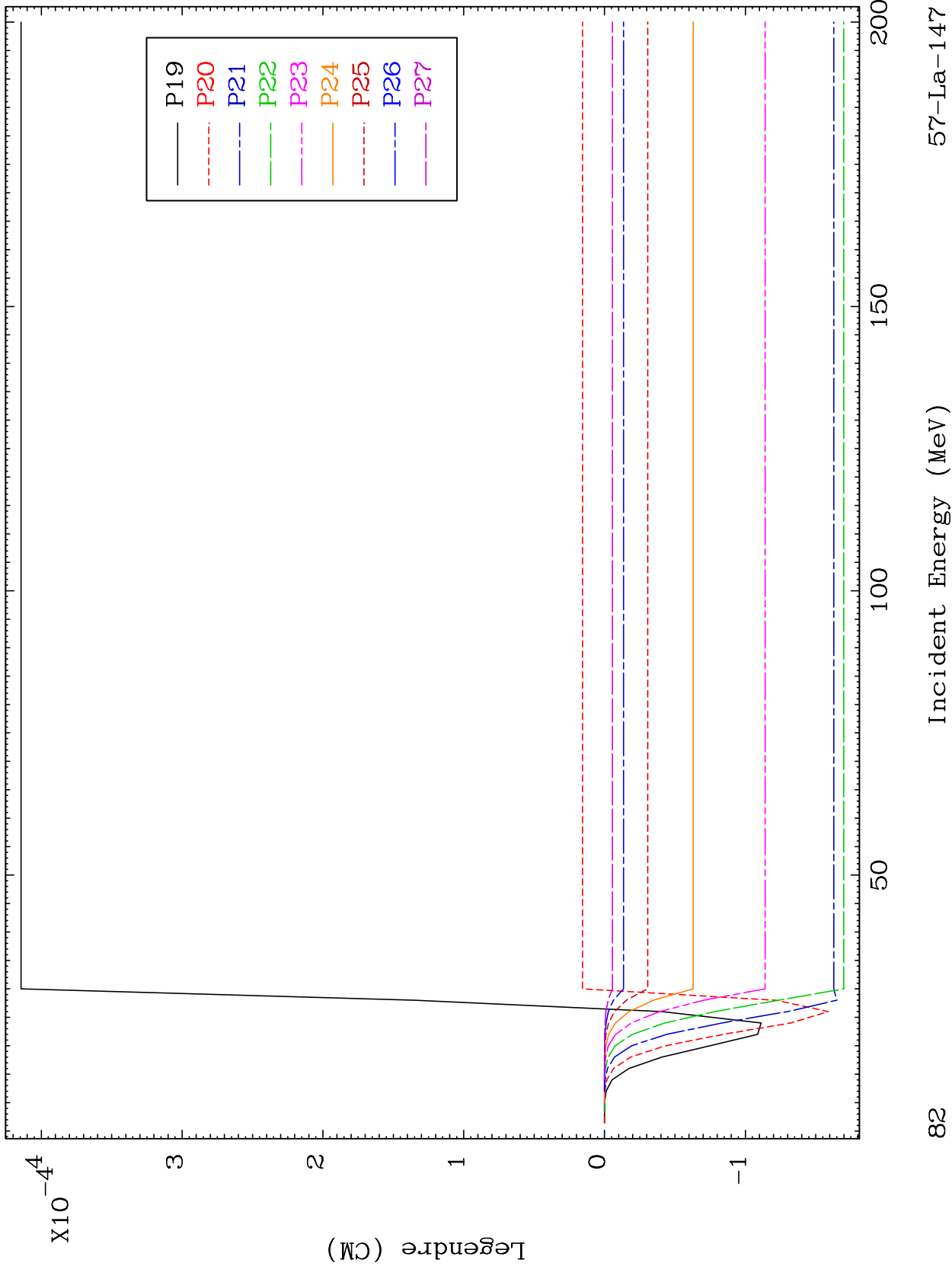
57-La-147

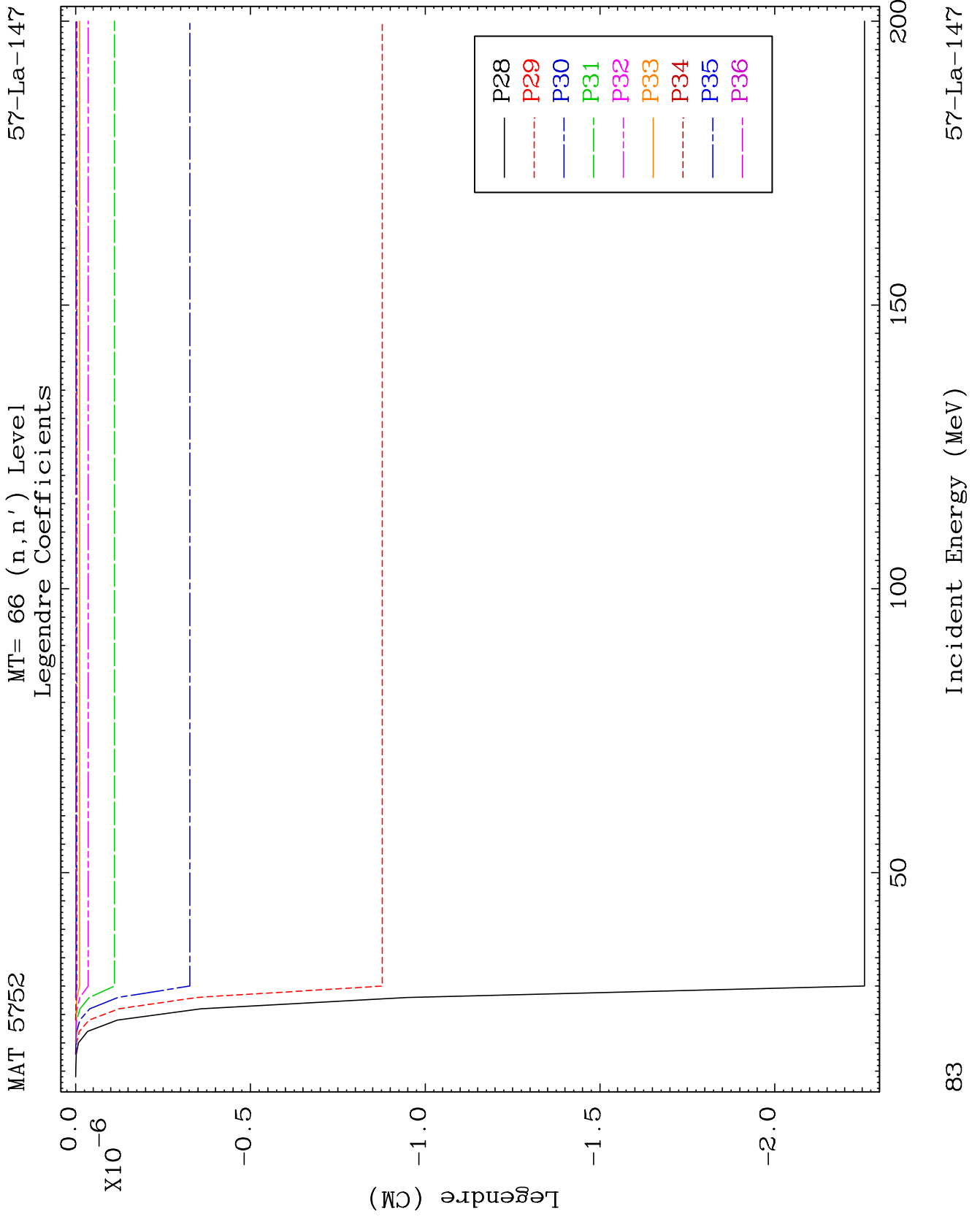


81

Incident Energy (MeV)

57-La-147

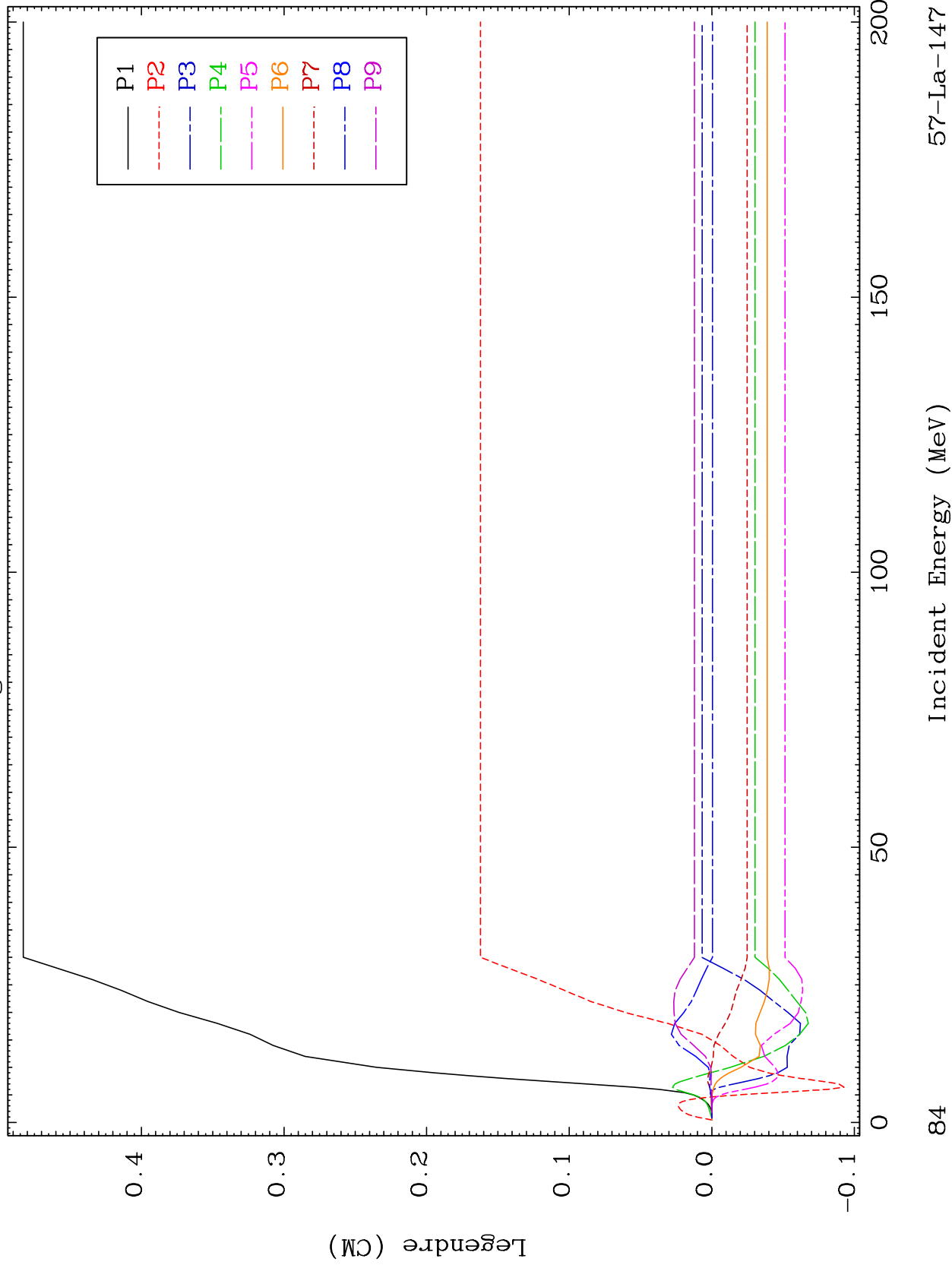




MAT 5752

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

57-La-147



84

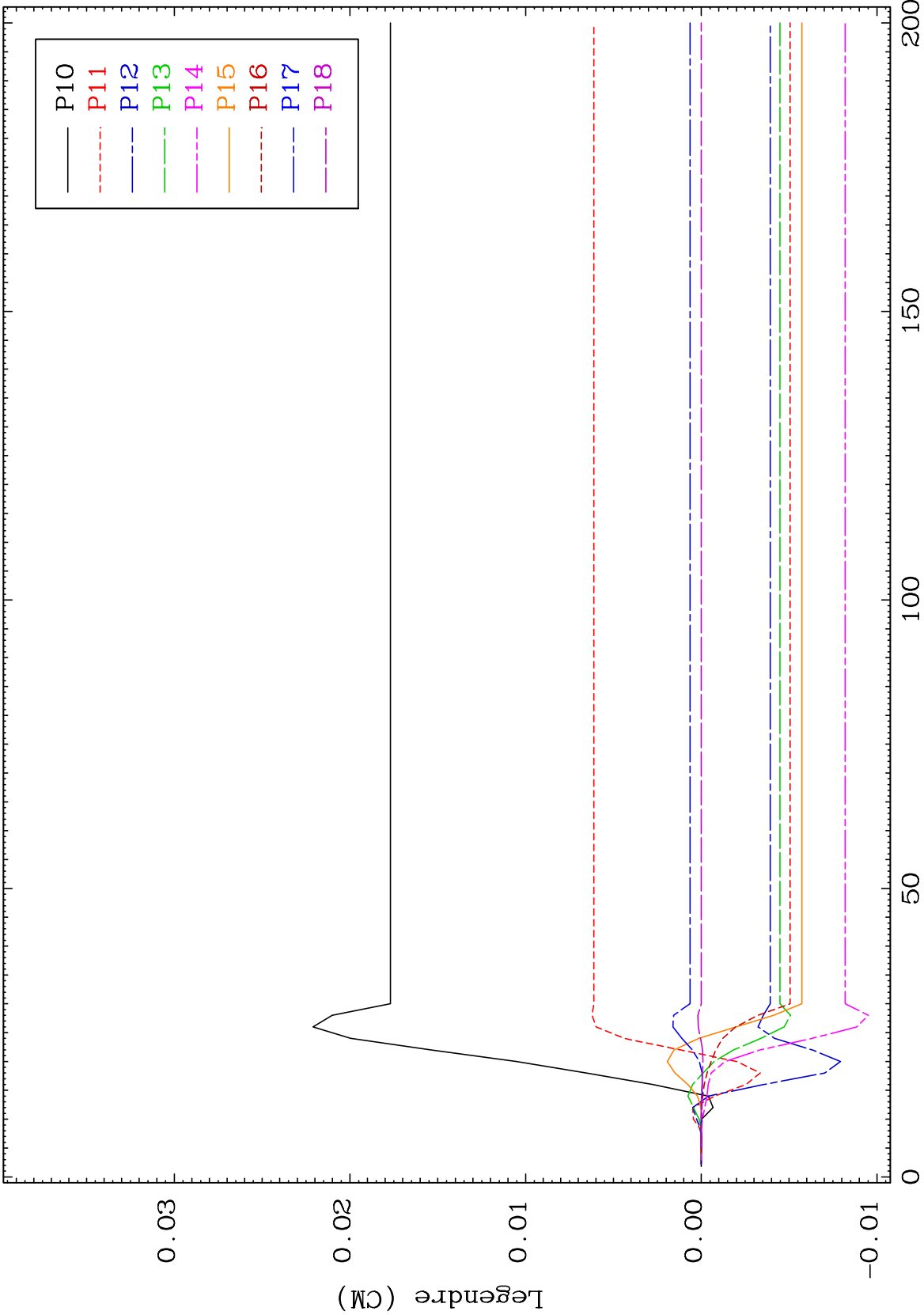
Incident Energy (MeV)

57-La-147

MAT 5752

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

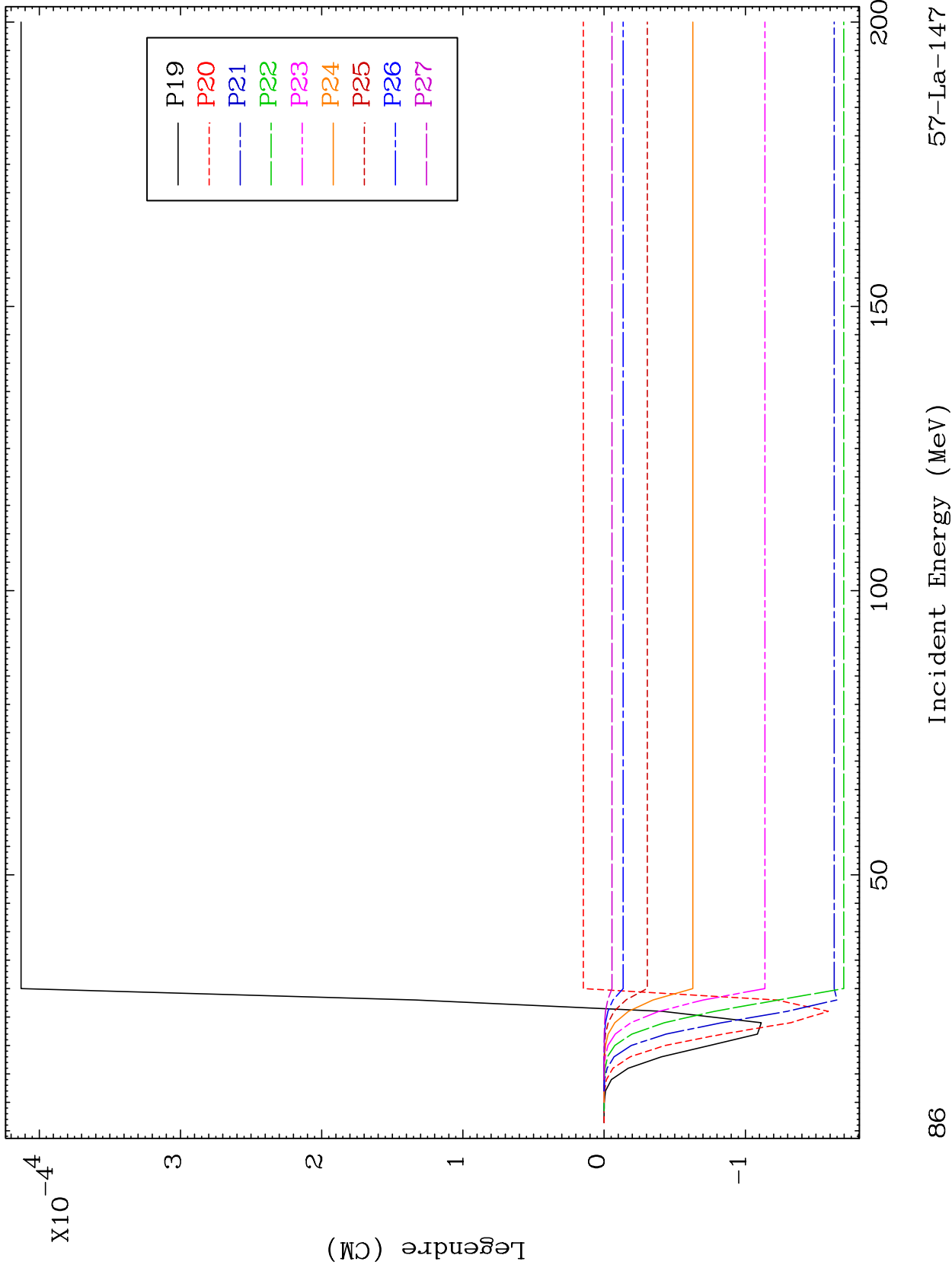
57-La-147

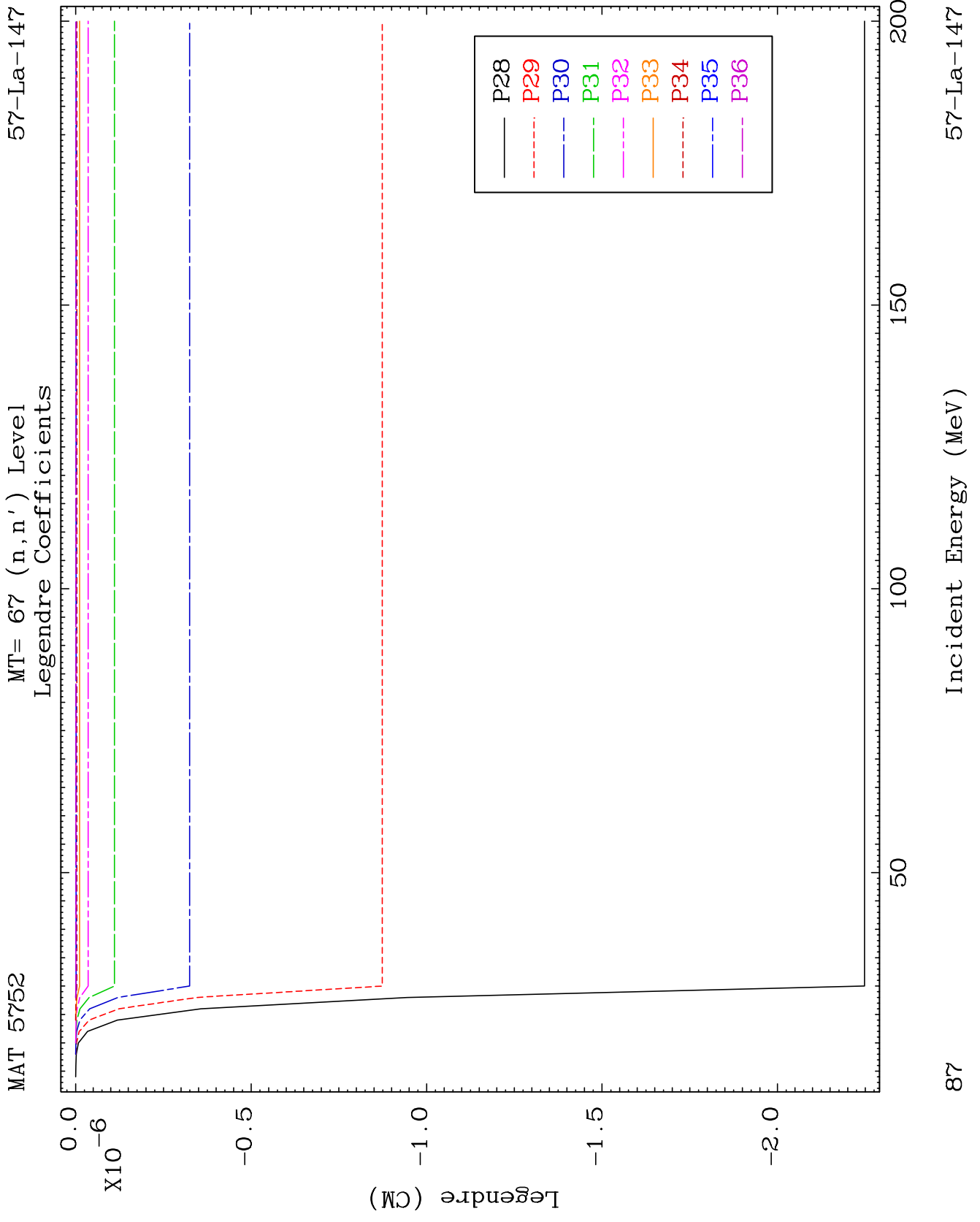


85

Incident Energy (MeV)

57-La-147

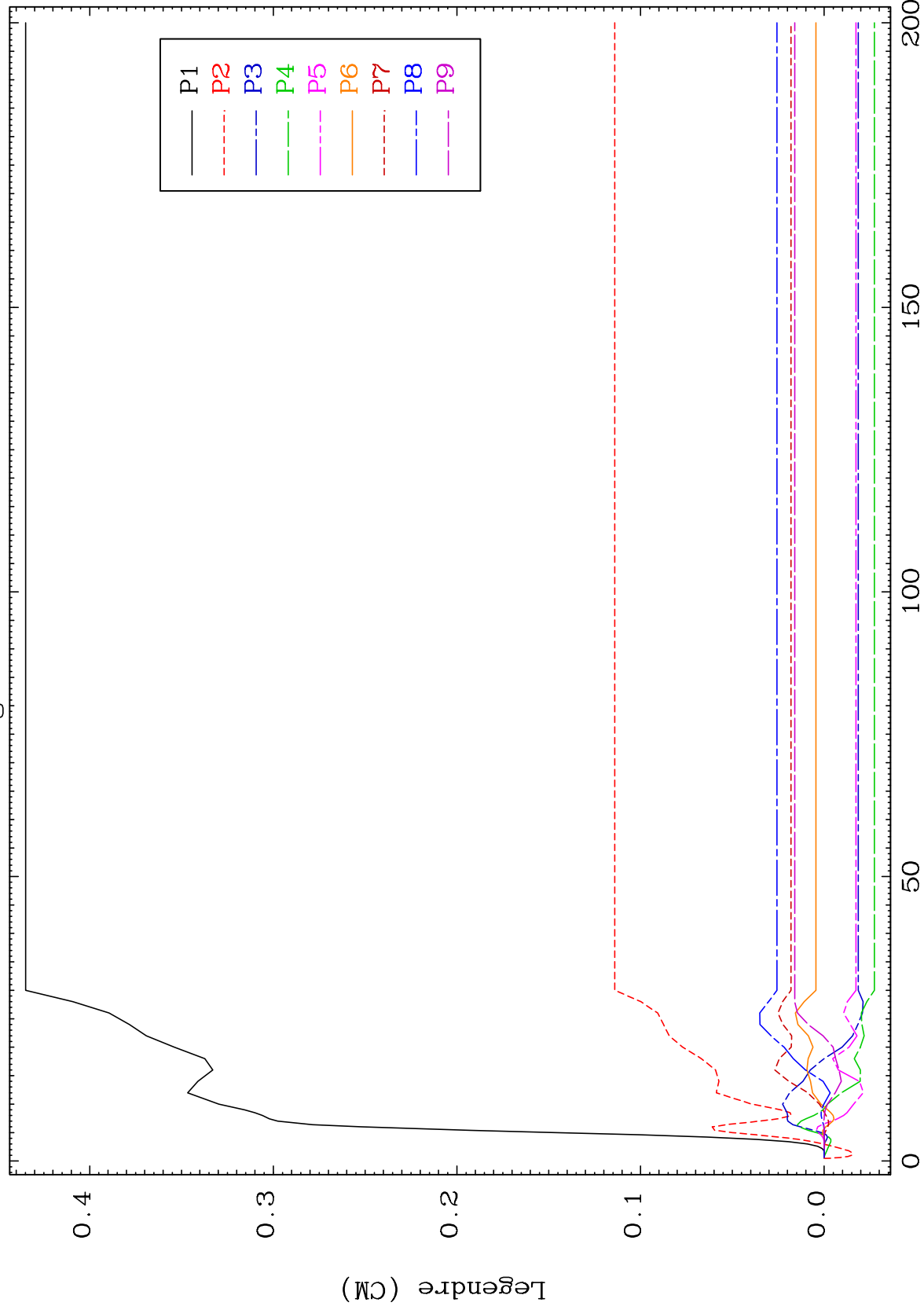




MAT 5752

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

57-La-147



57-La-147

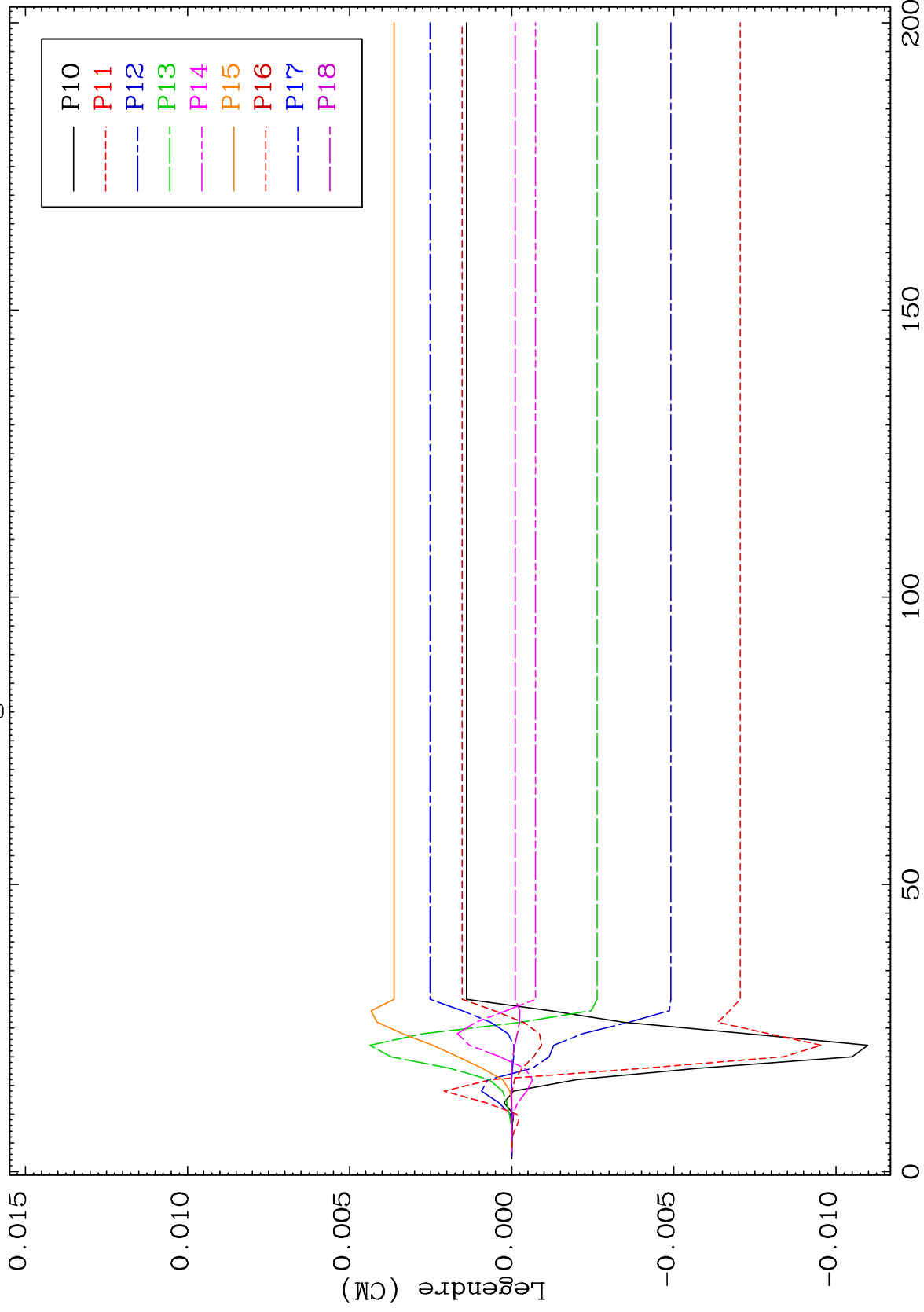
Incident Energy (MeV)

88

MAT 5752

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

57-La-147



89

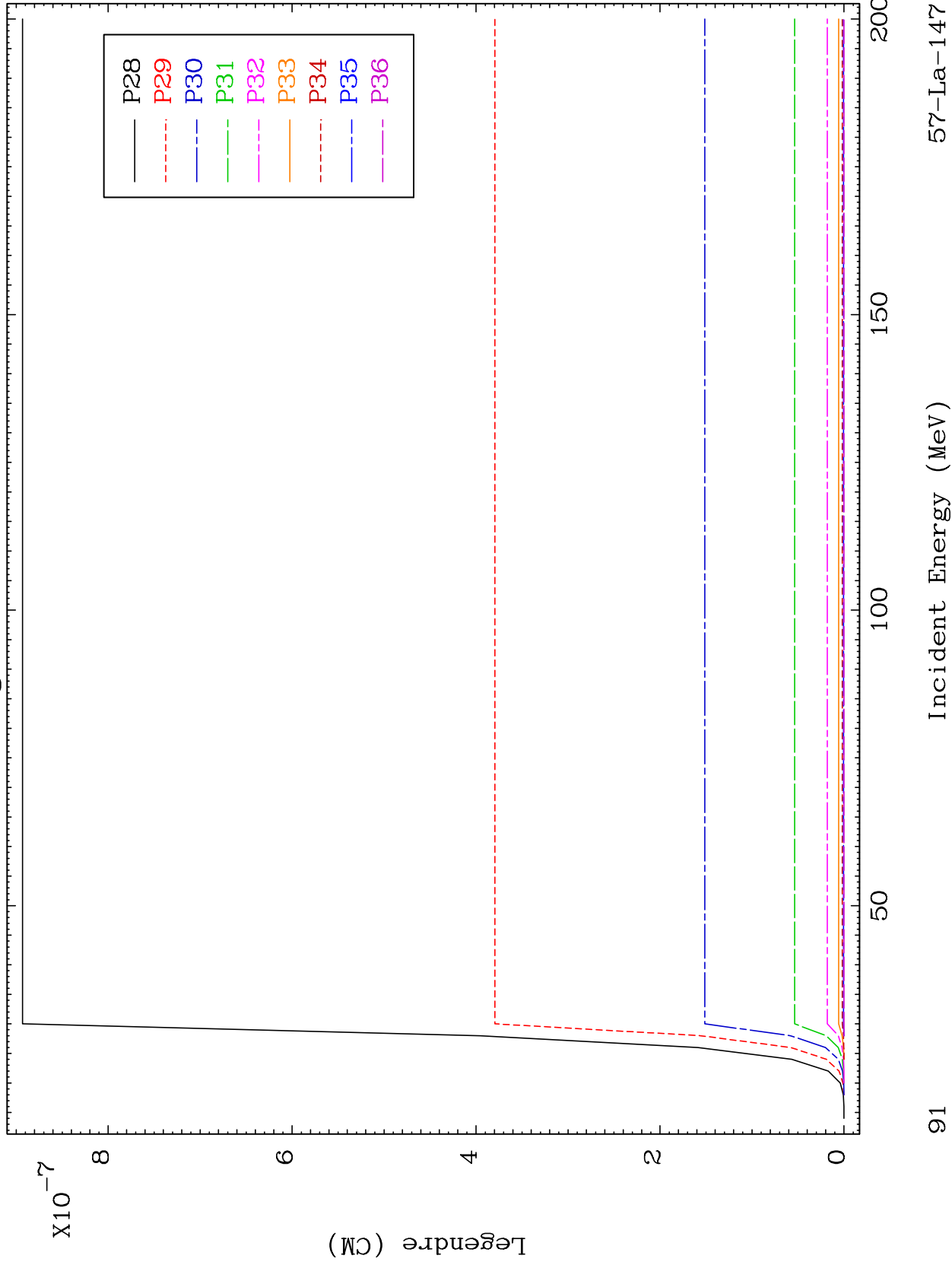
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



91

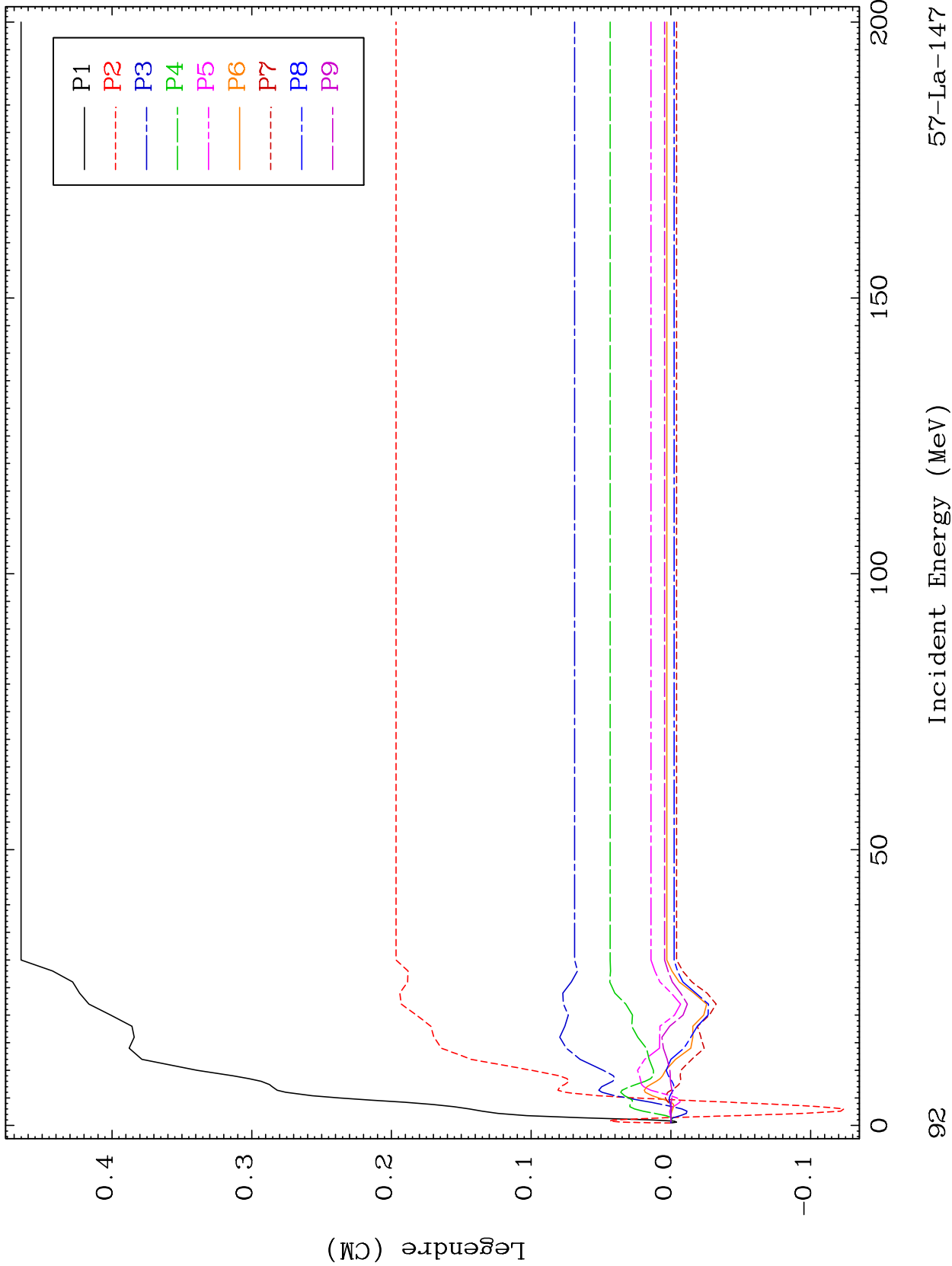
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



57-La-147

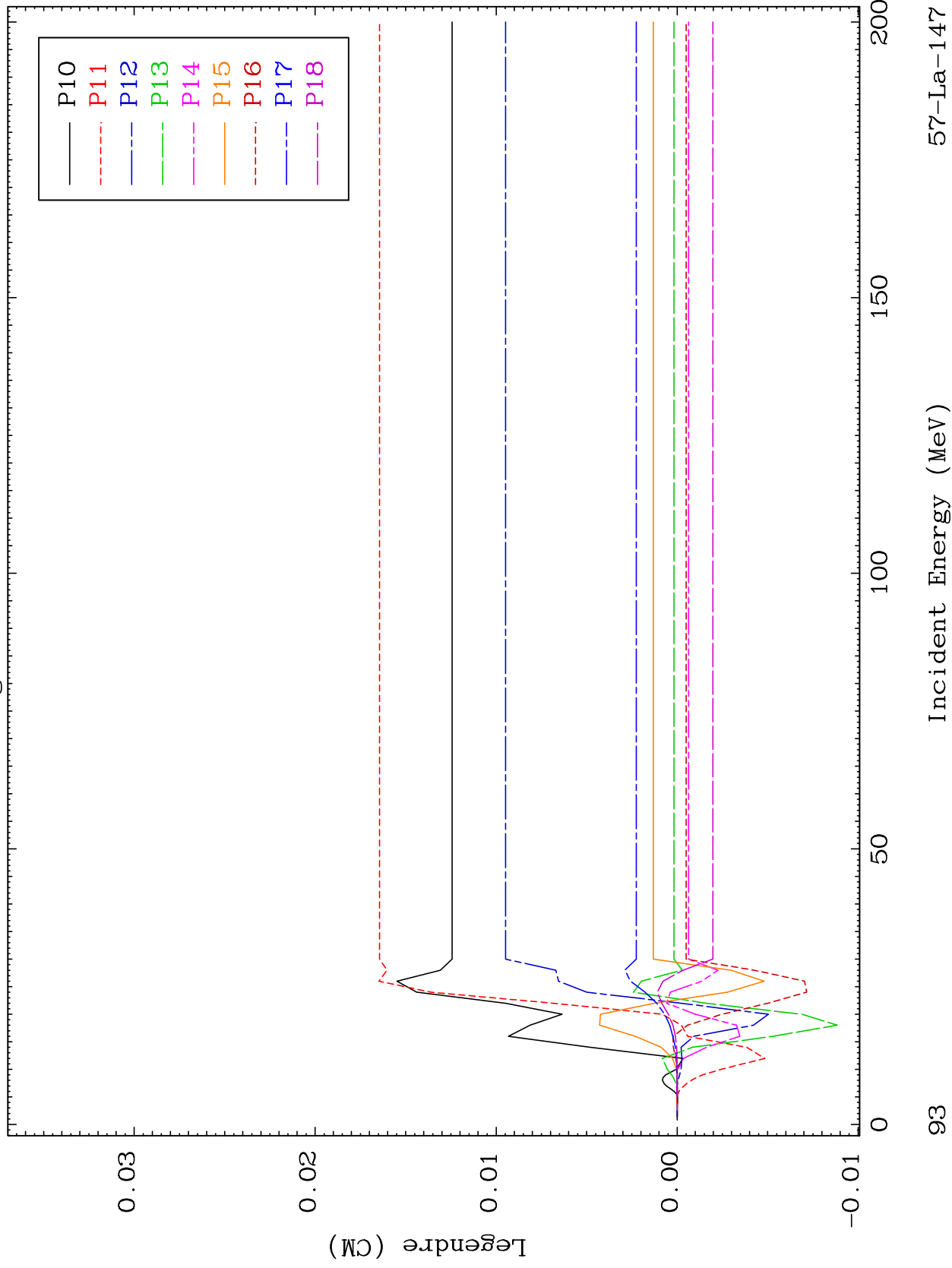
Incident Energy (MeV)

92

MAT 5752

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

57-La-147



57-La-147

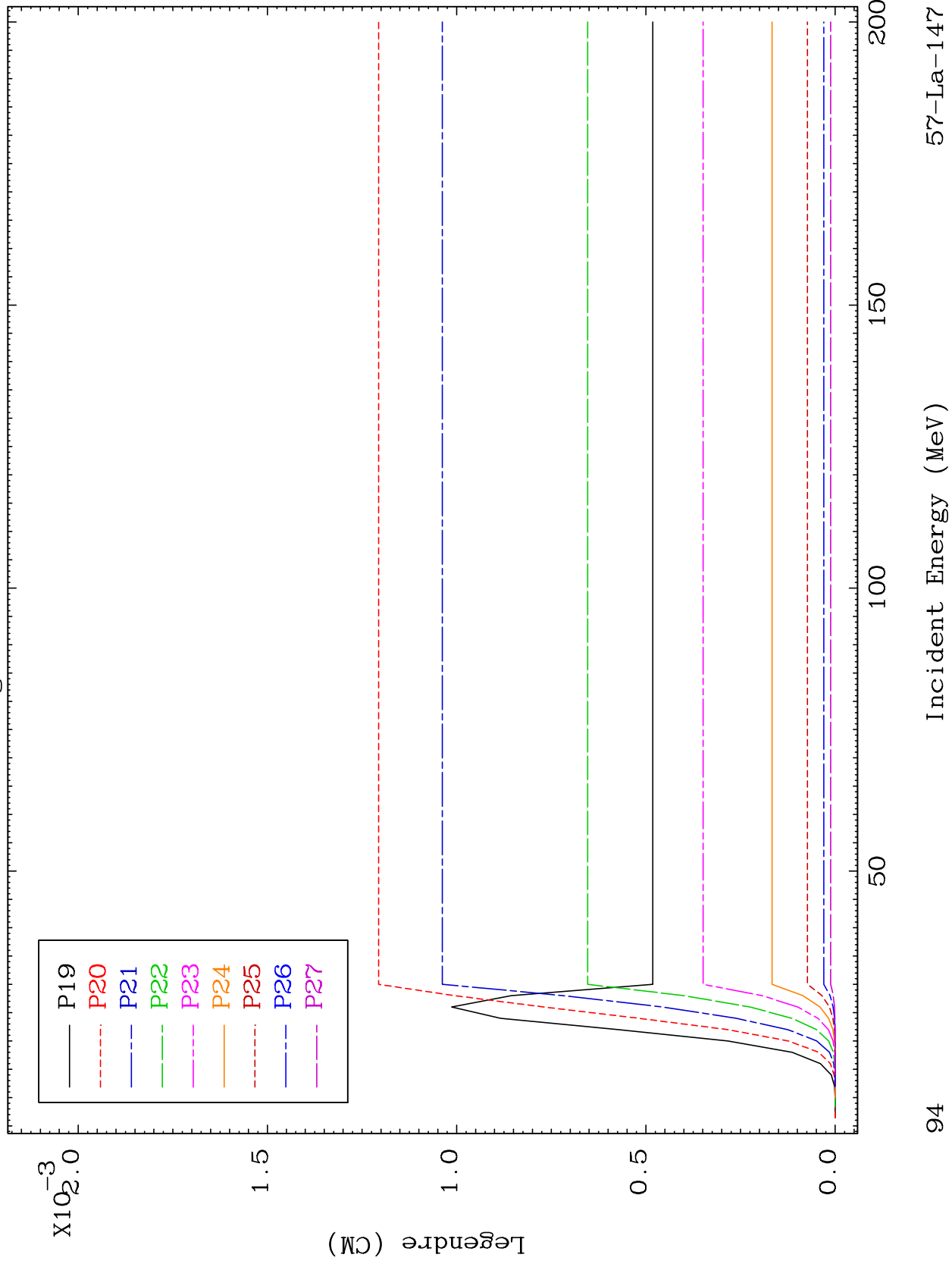
Incident Energy (MeV)

93

MAT 5752

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

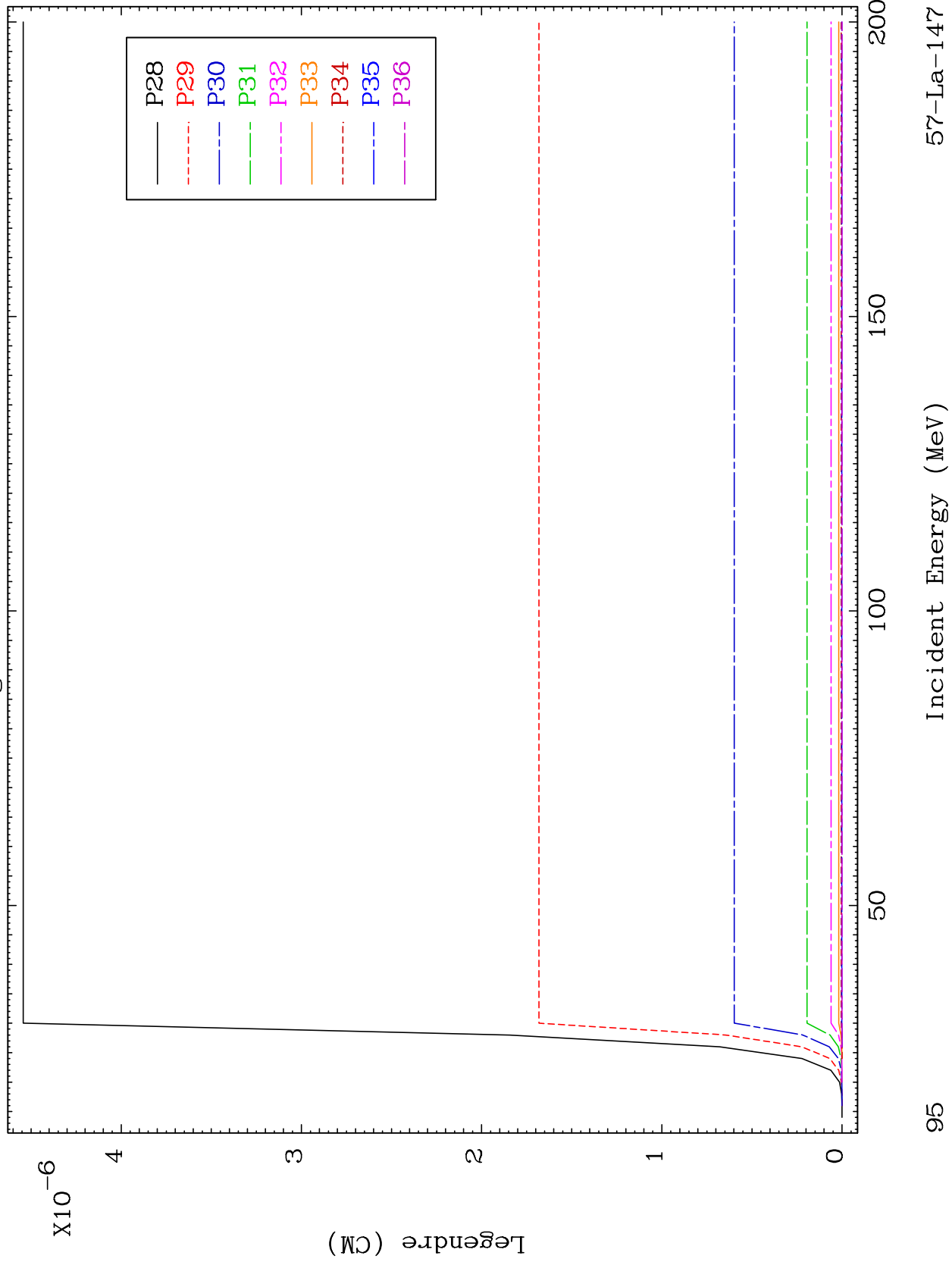
57-La-147



MAT 5752

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

57-La-147



95

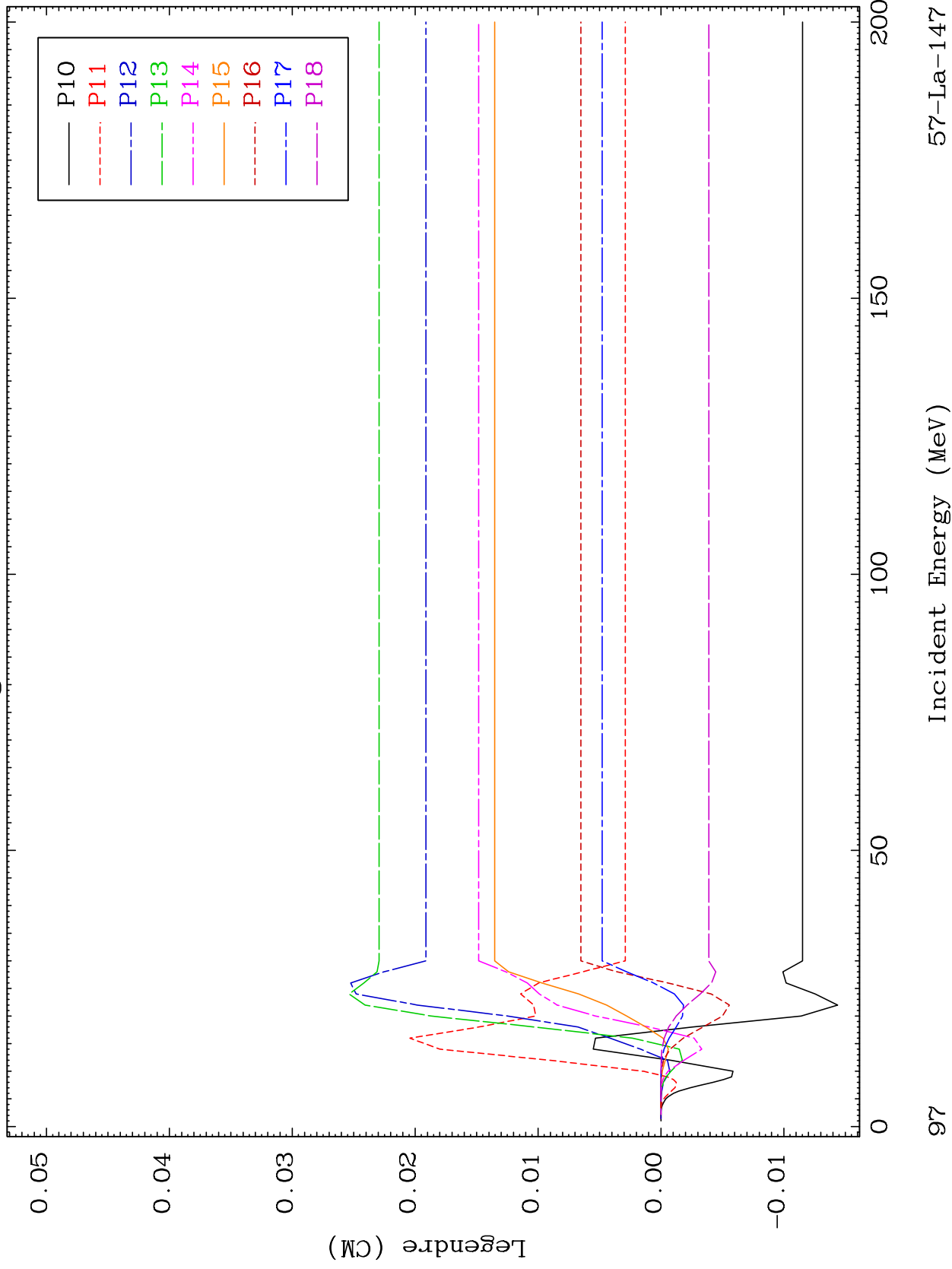
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



57-La-147

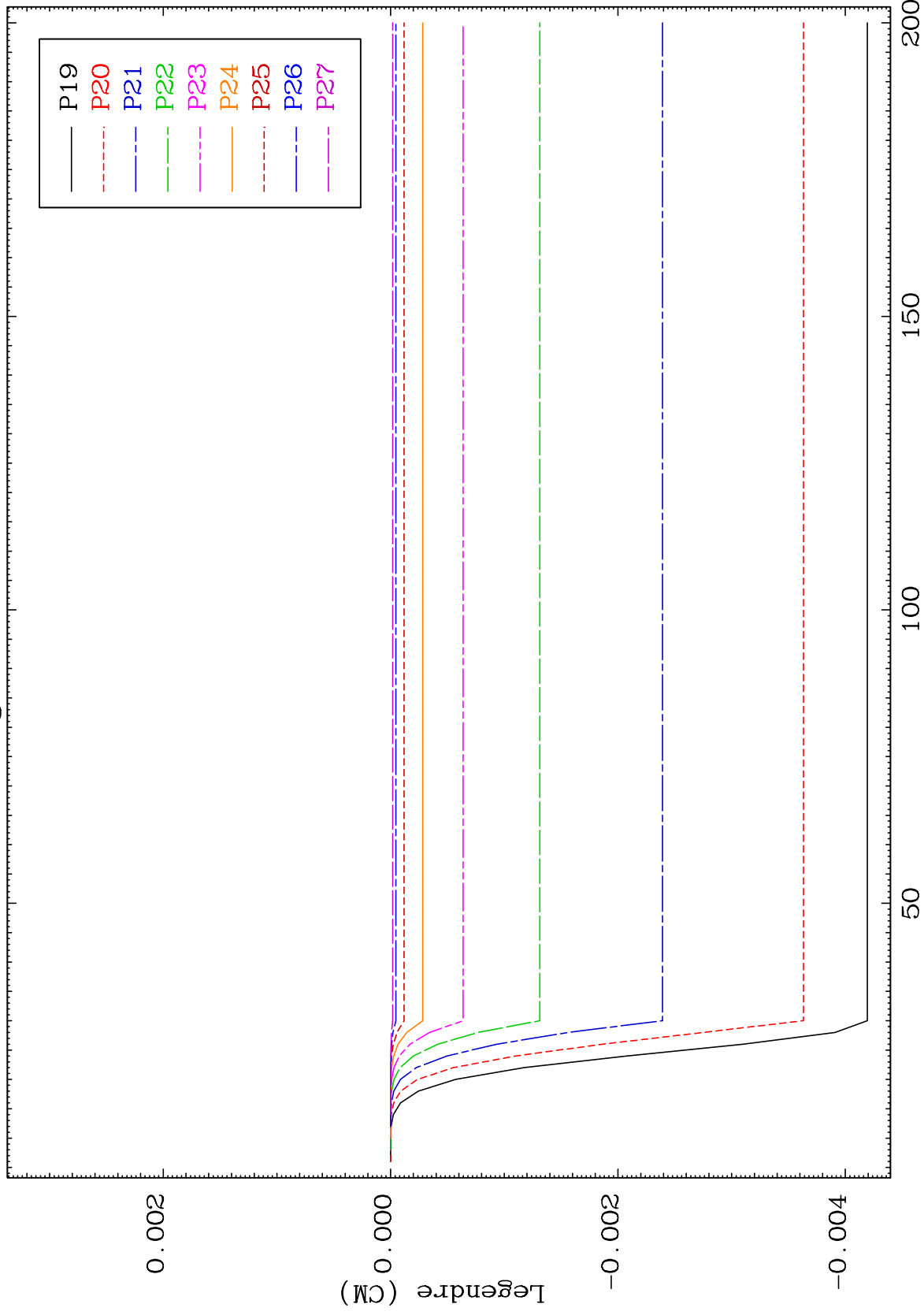
Incident Energy (MeV)

97

MAT 5752

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

57-La-147



98

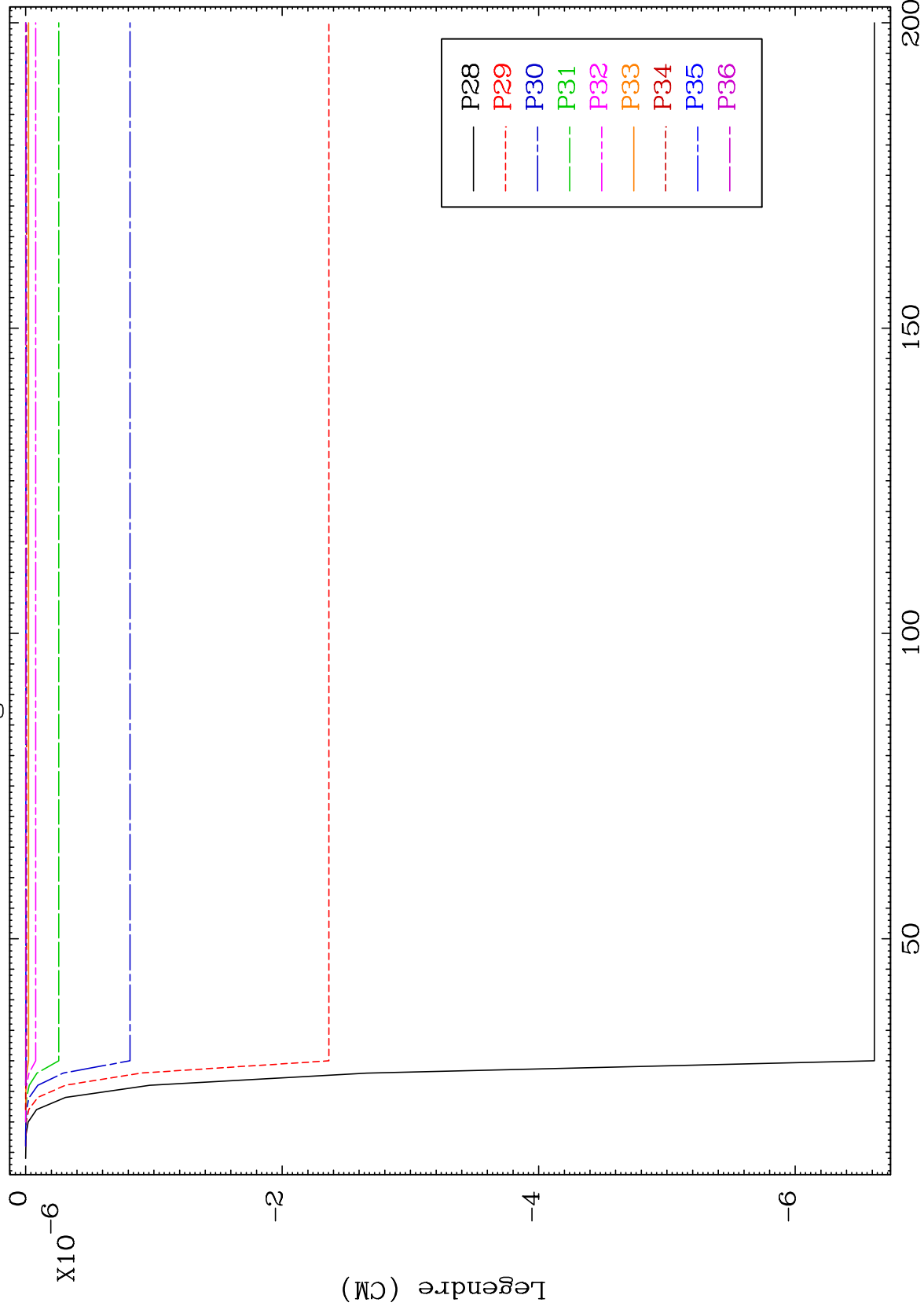
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



99

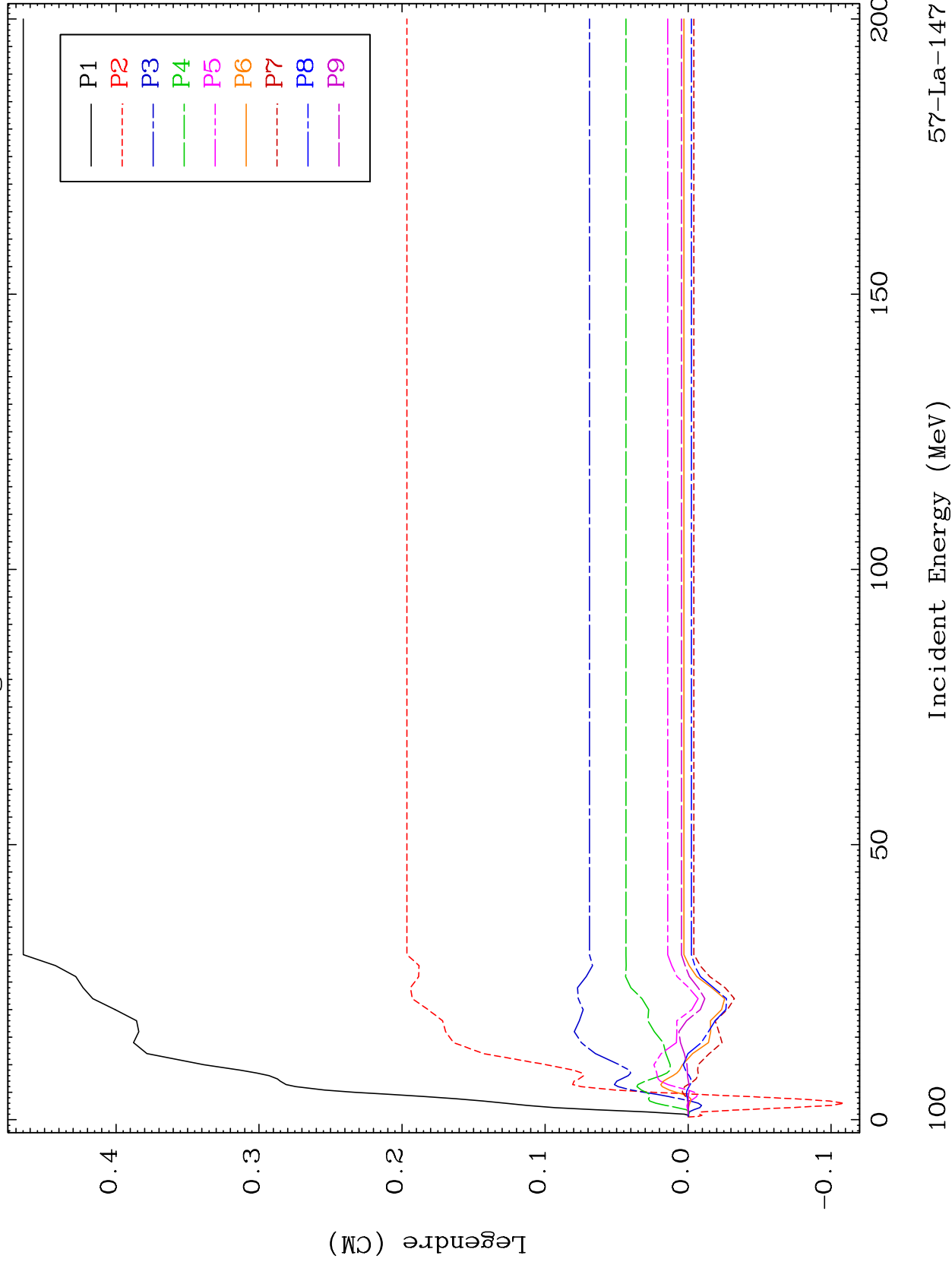
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147

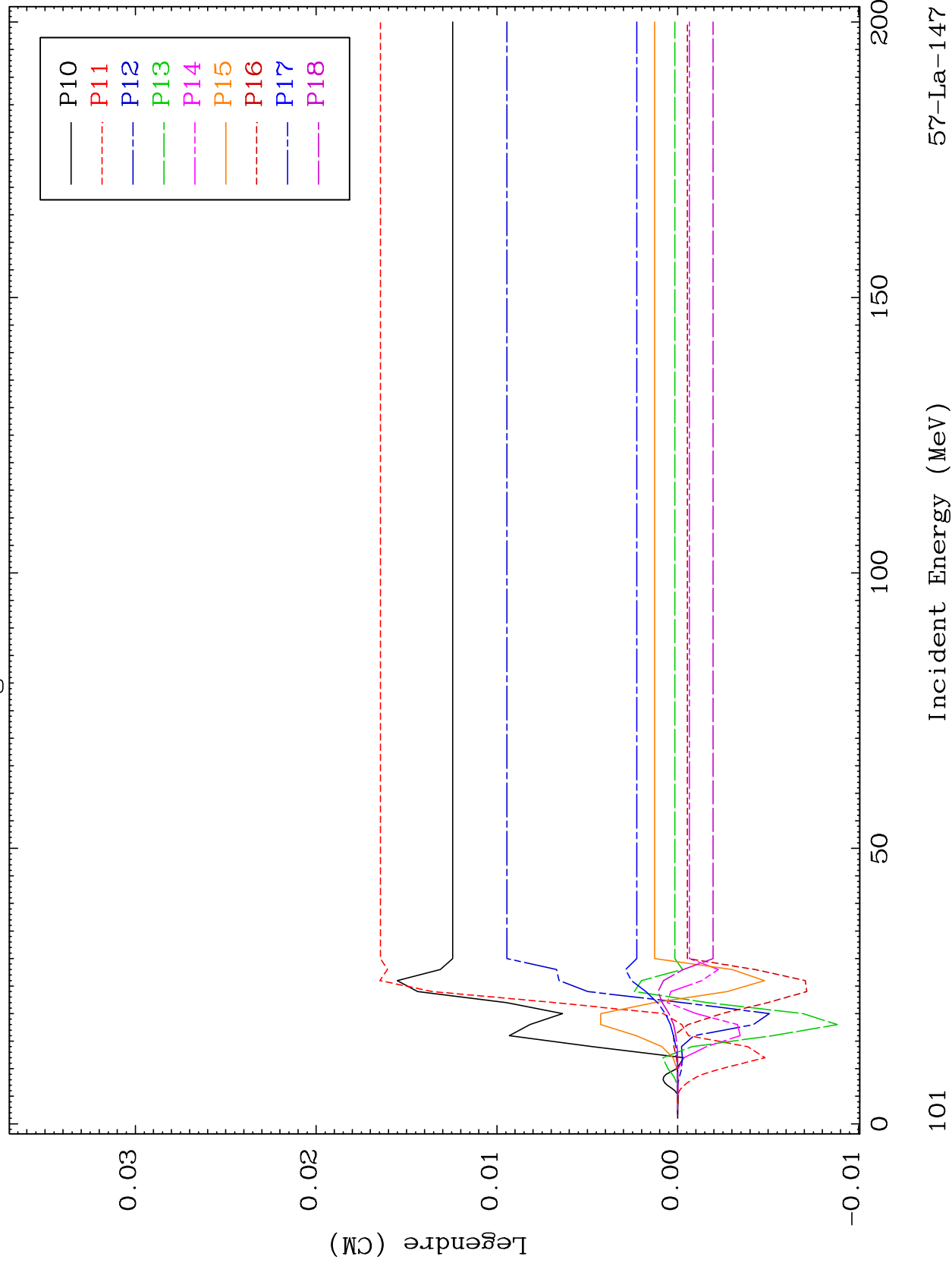


57-La-147

MAT 5752

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

57-La-147



57-La-147

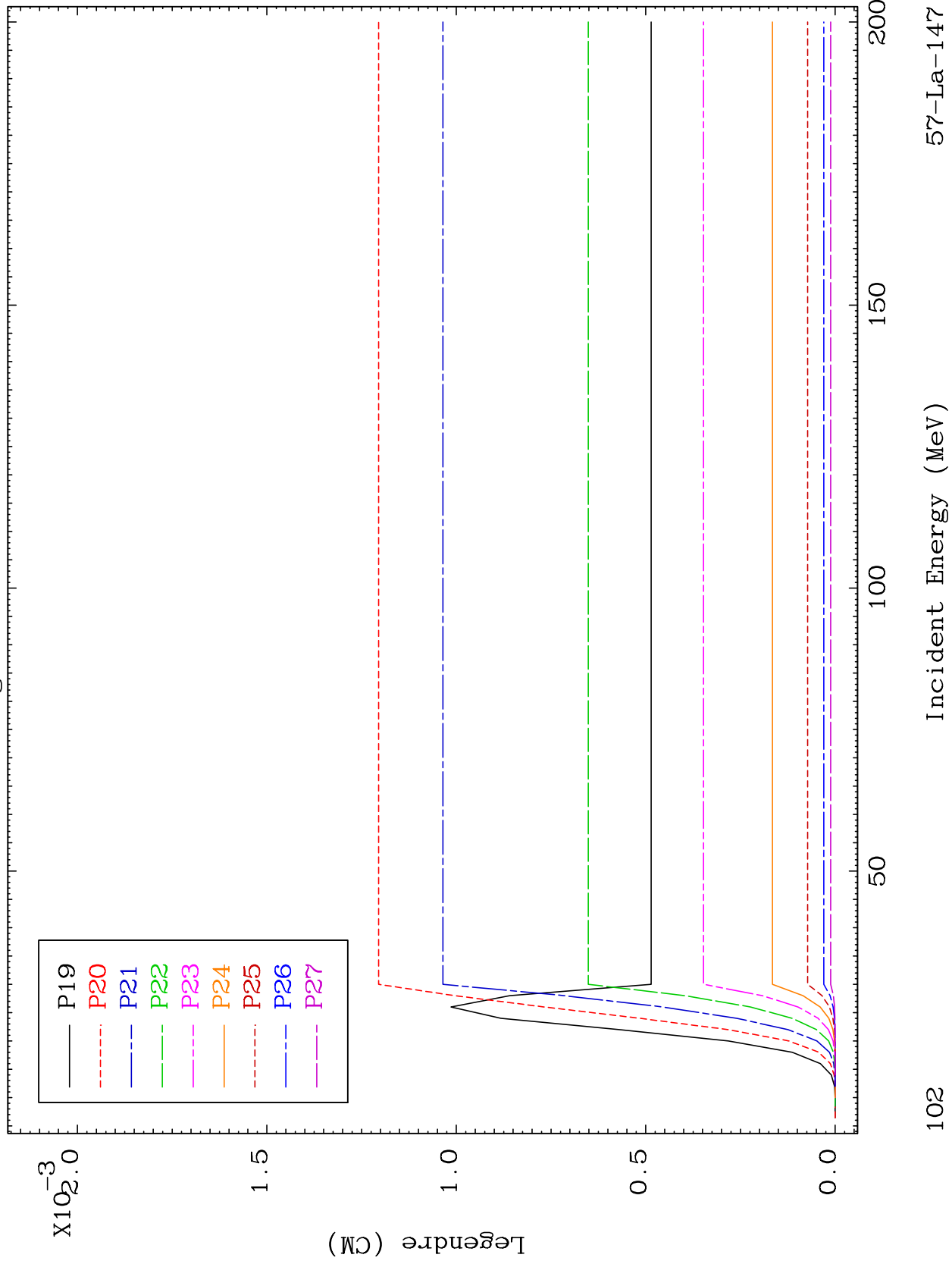
Incident Energy (MeV)

101

MAT 5752

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

57-La-147



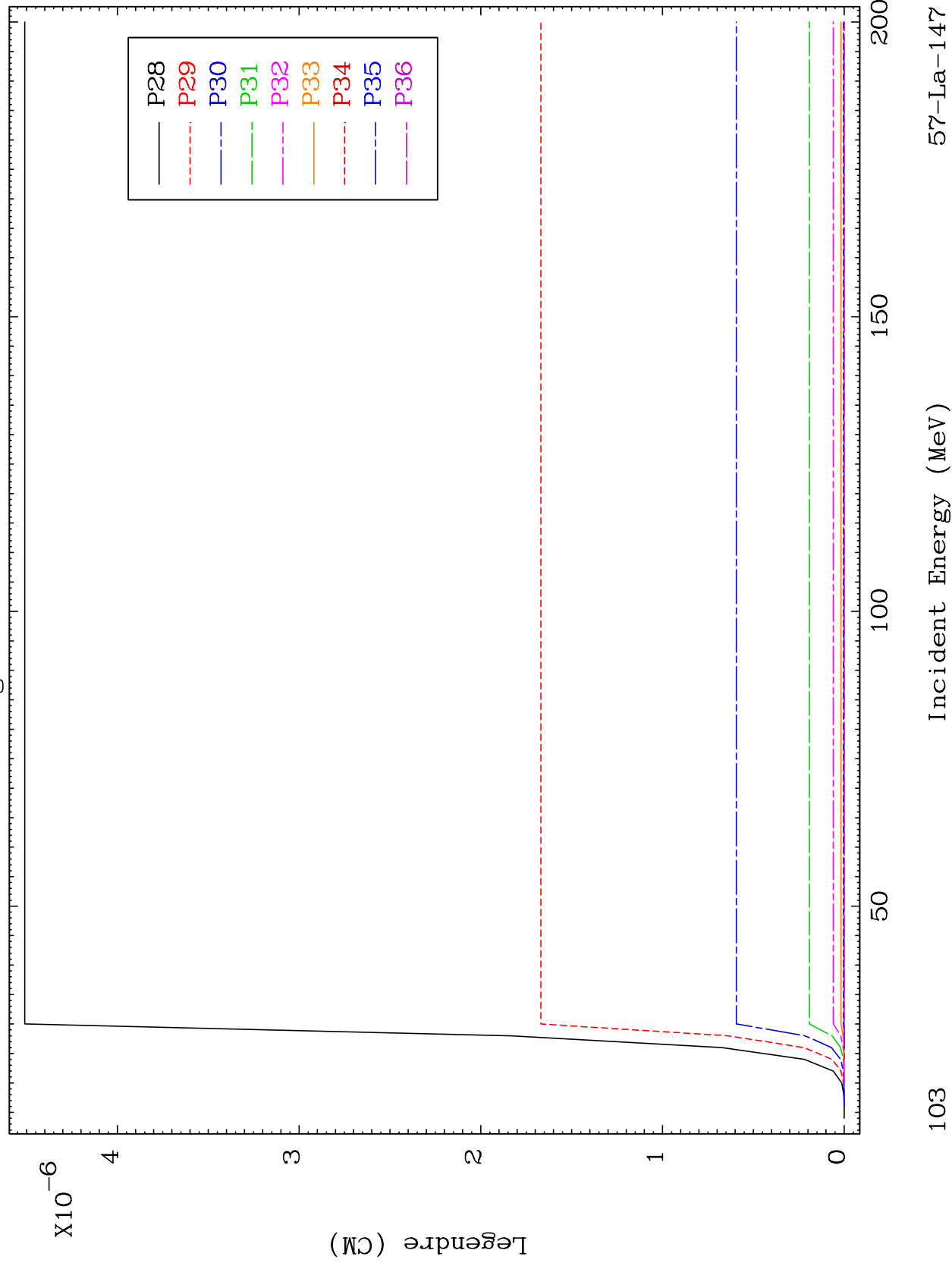
102

57-La-147

MAT 5752

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

57-La-147



103

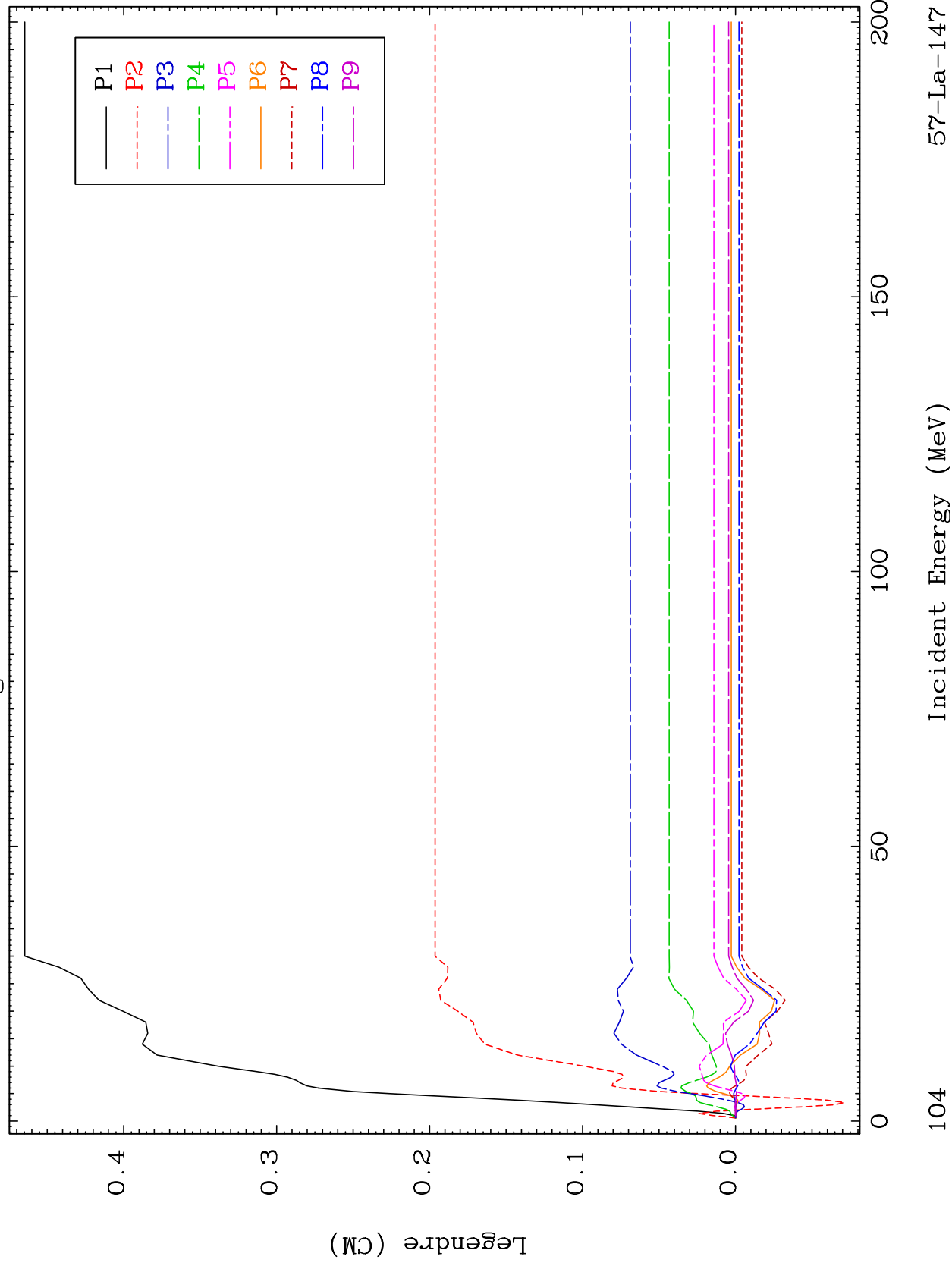
Incident Energy (MeV)

57-La-147

MAT 5752

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

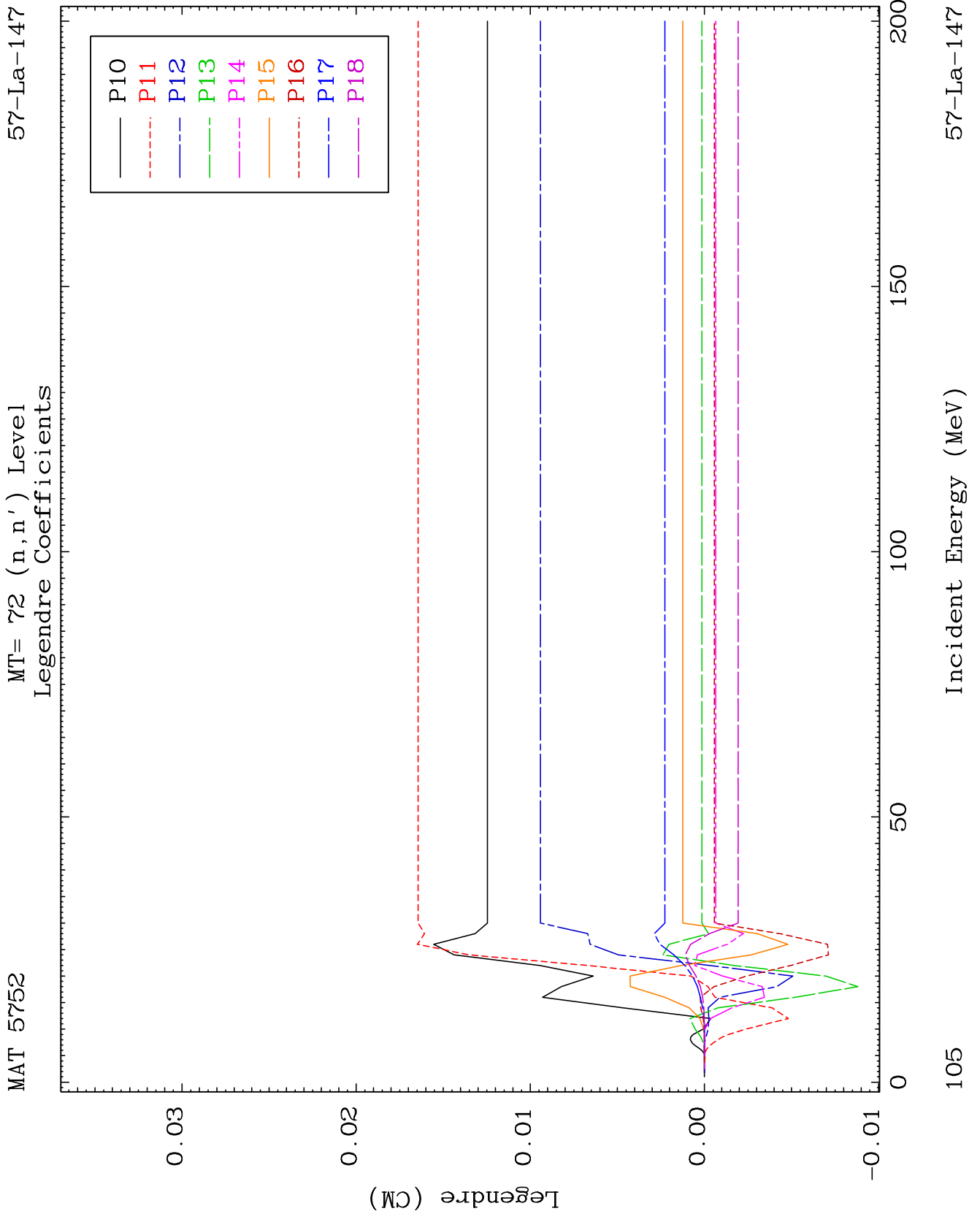
57-La-147



57-La-147

Incident Energy (MeV)

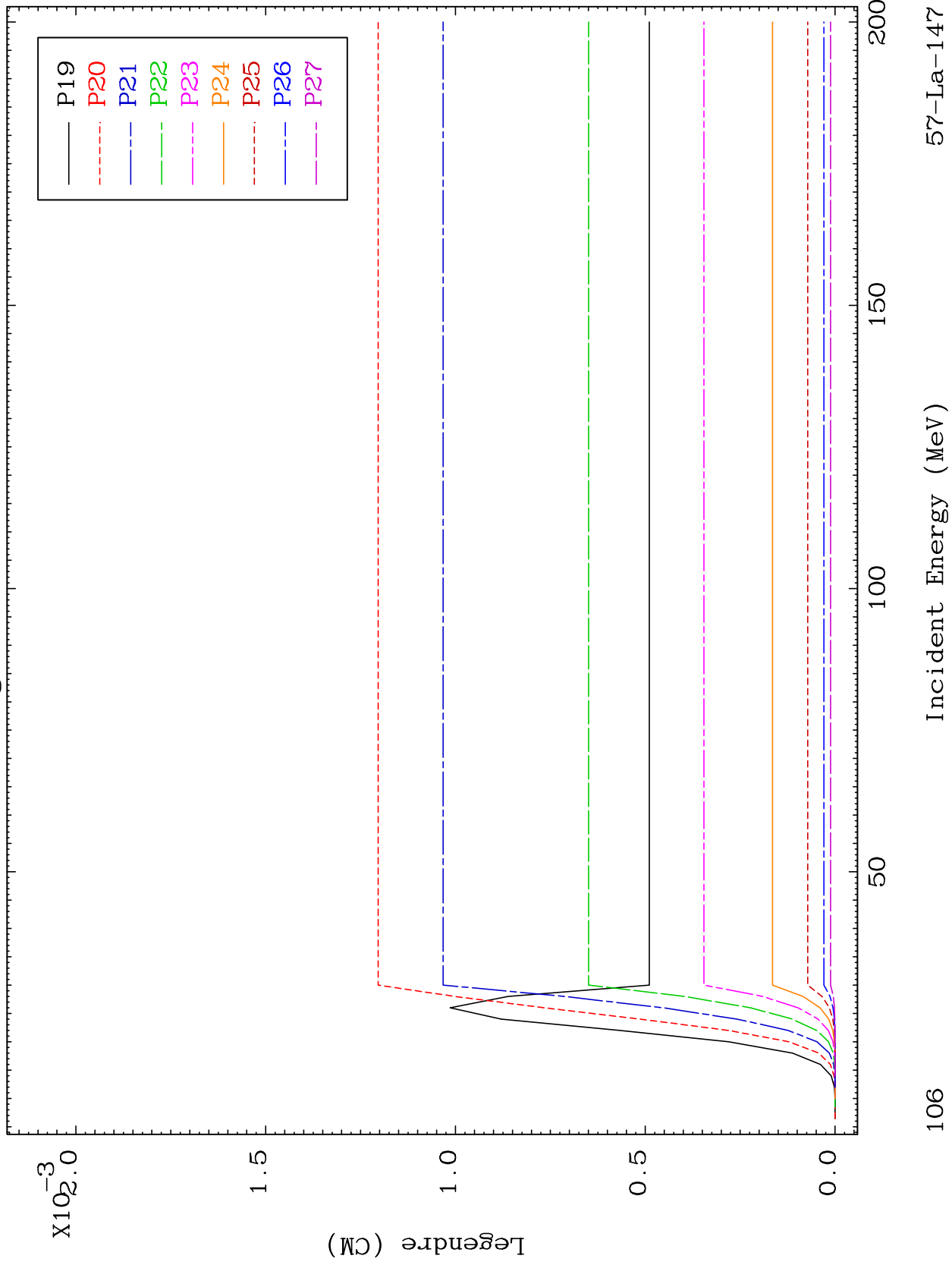
104



MAT 5752

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

57-La-147



106

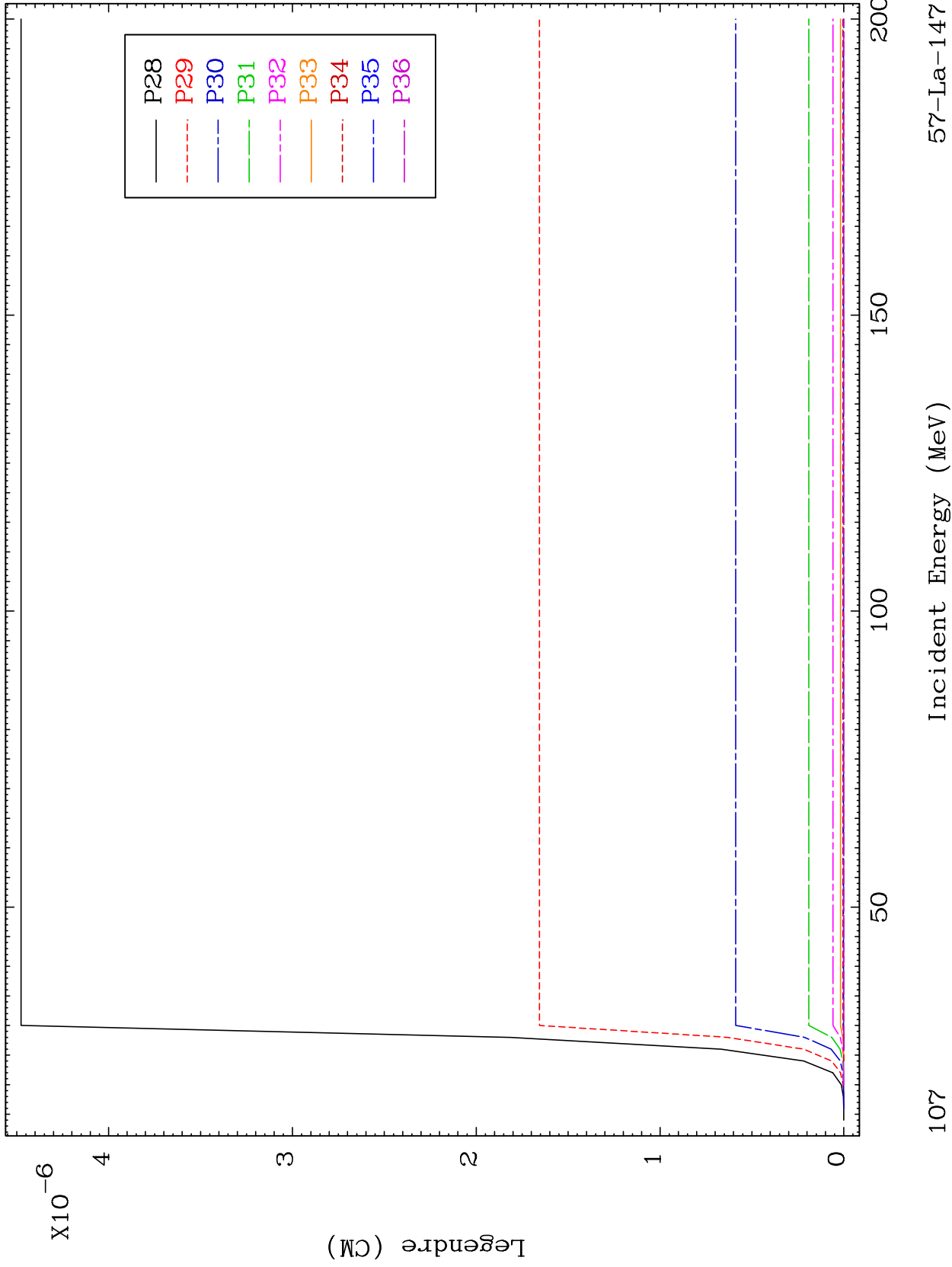
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



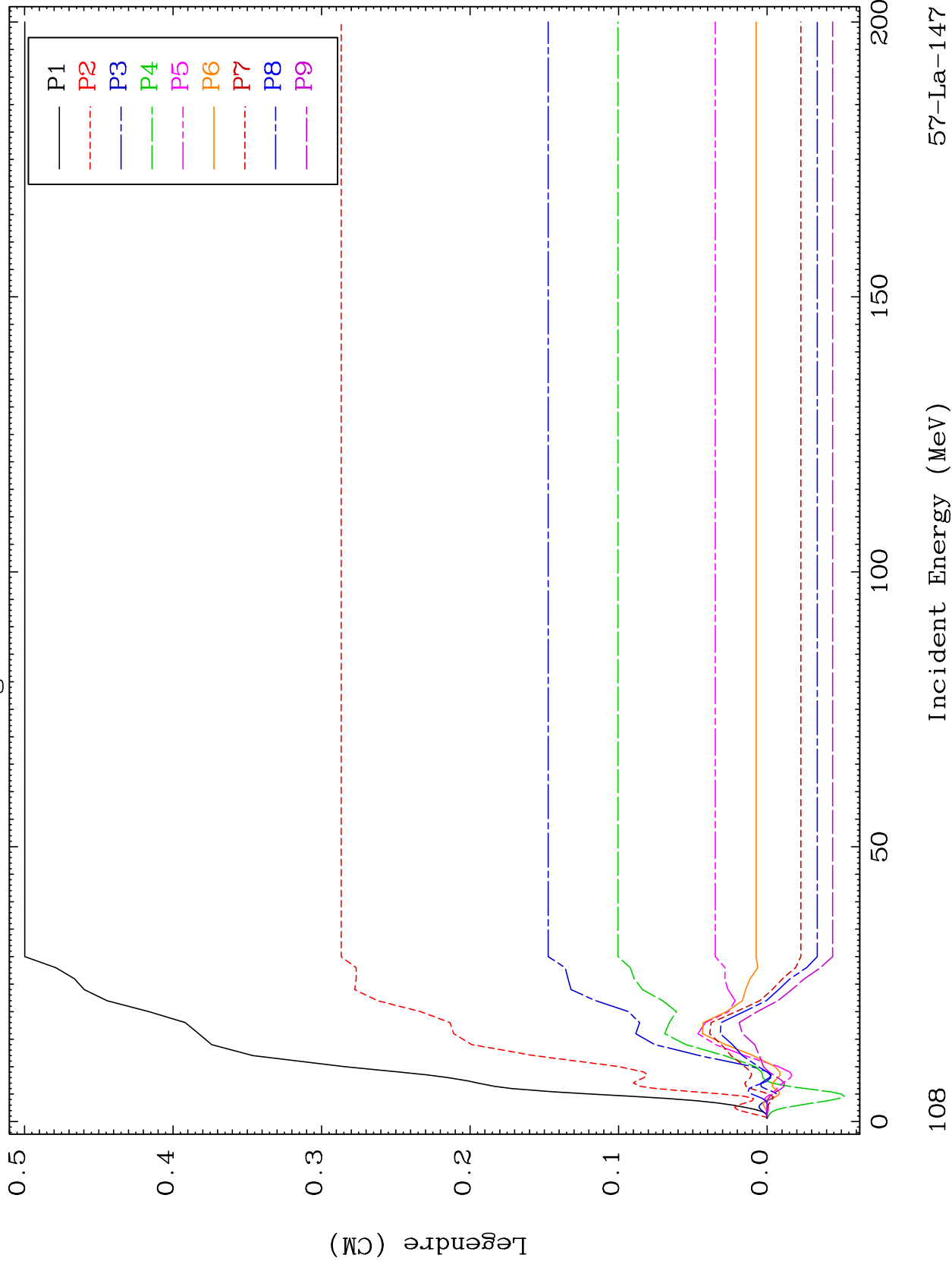
107

57-La-147

MAT 5752

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

57-La-147

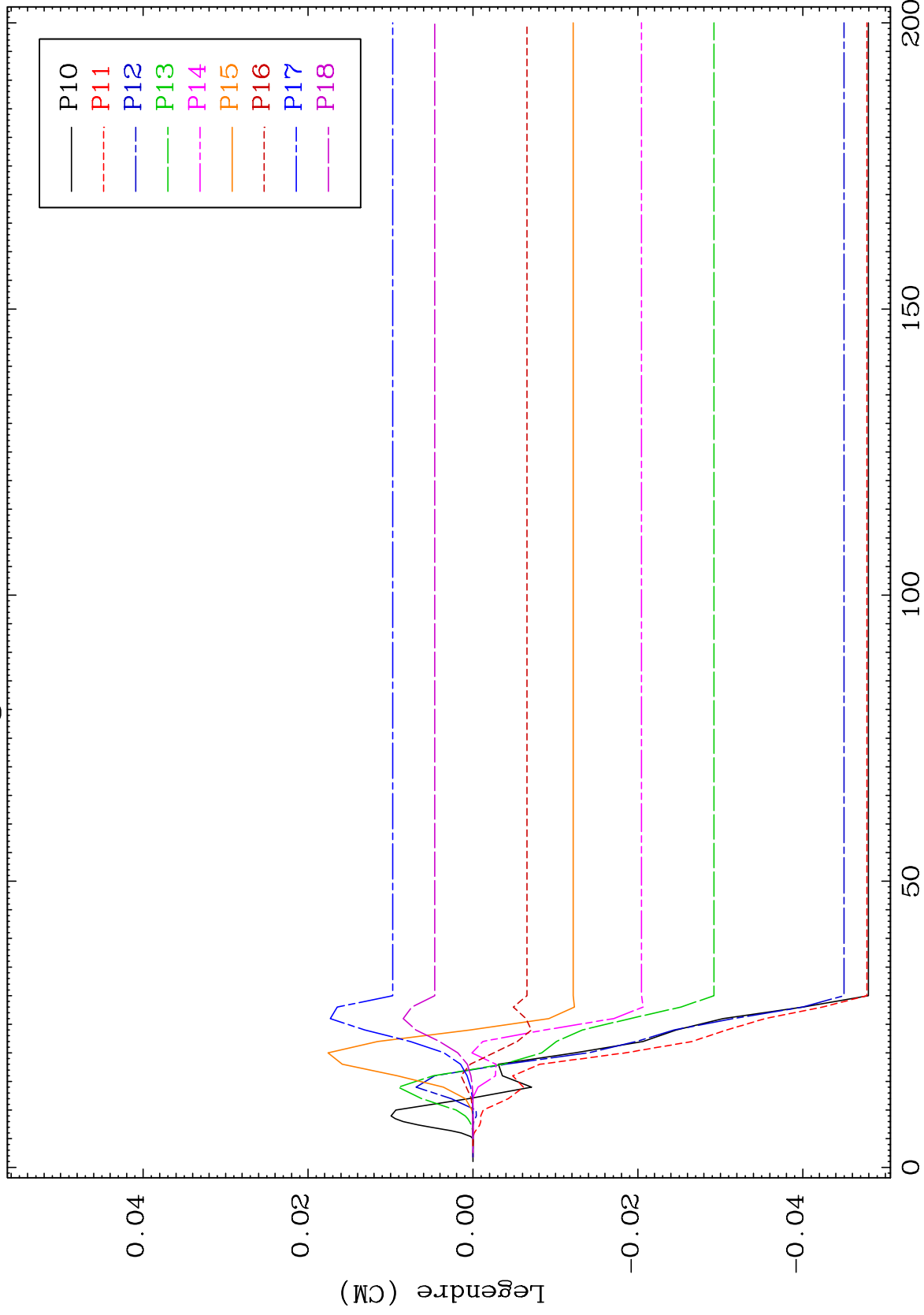


108

MAT 5752

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

57-La-147



109

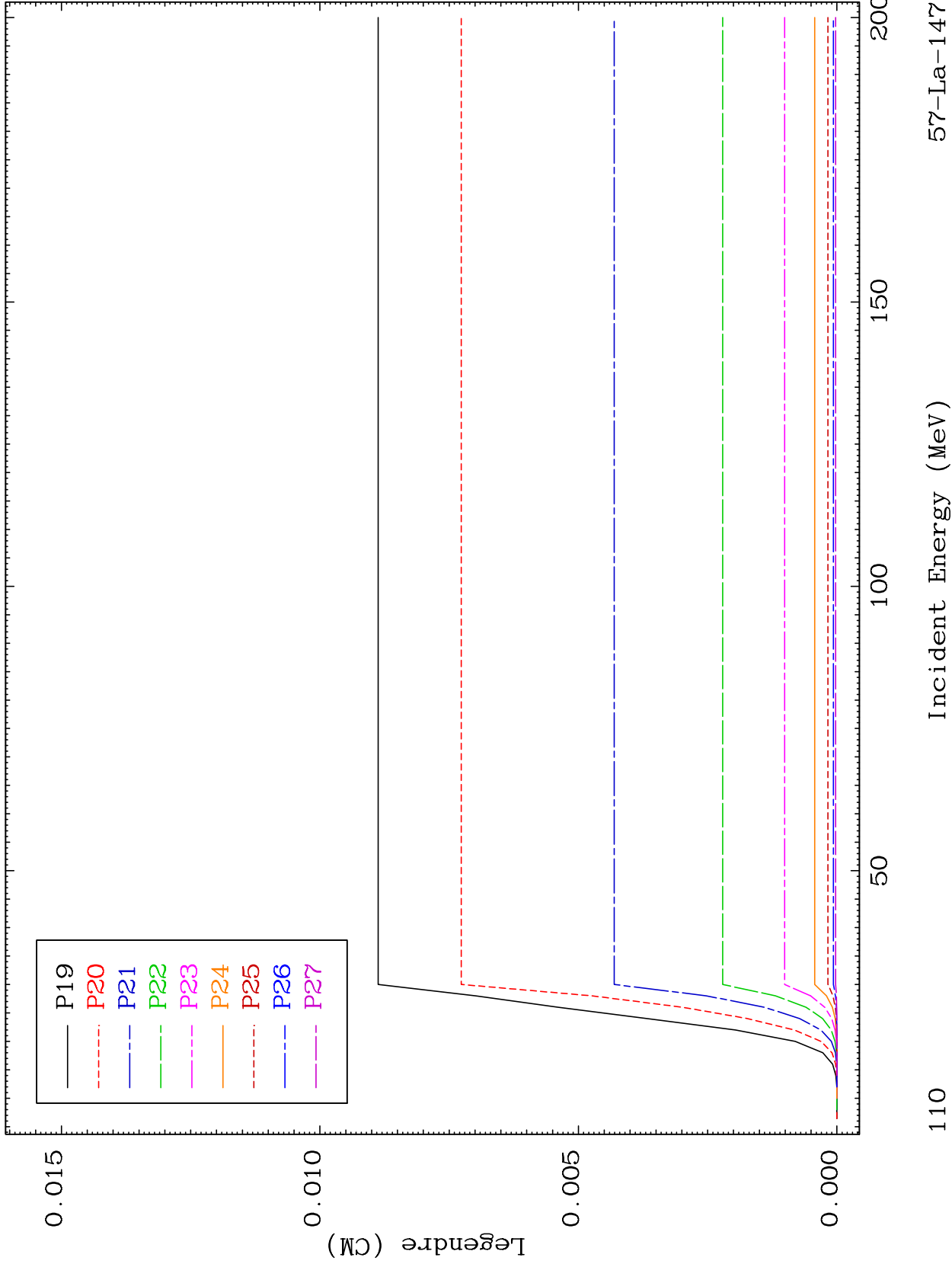
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



57-La-147

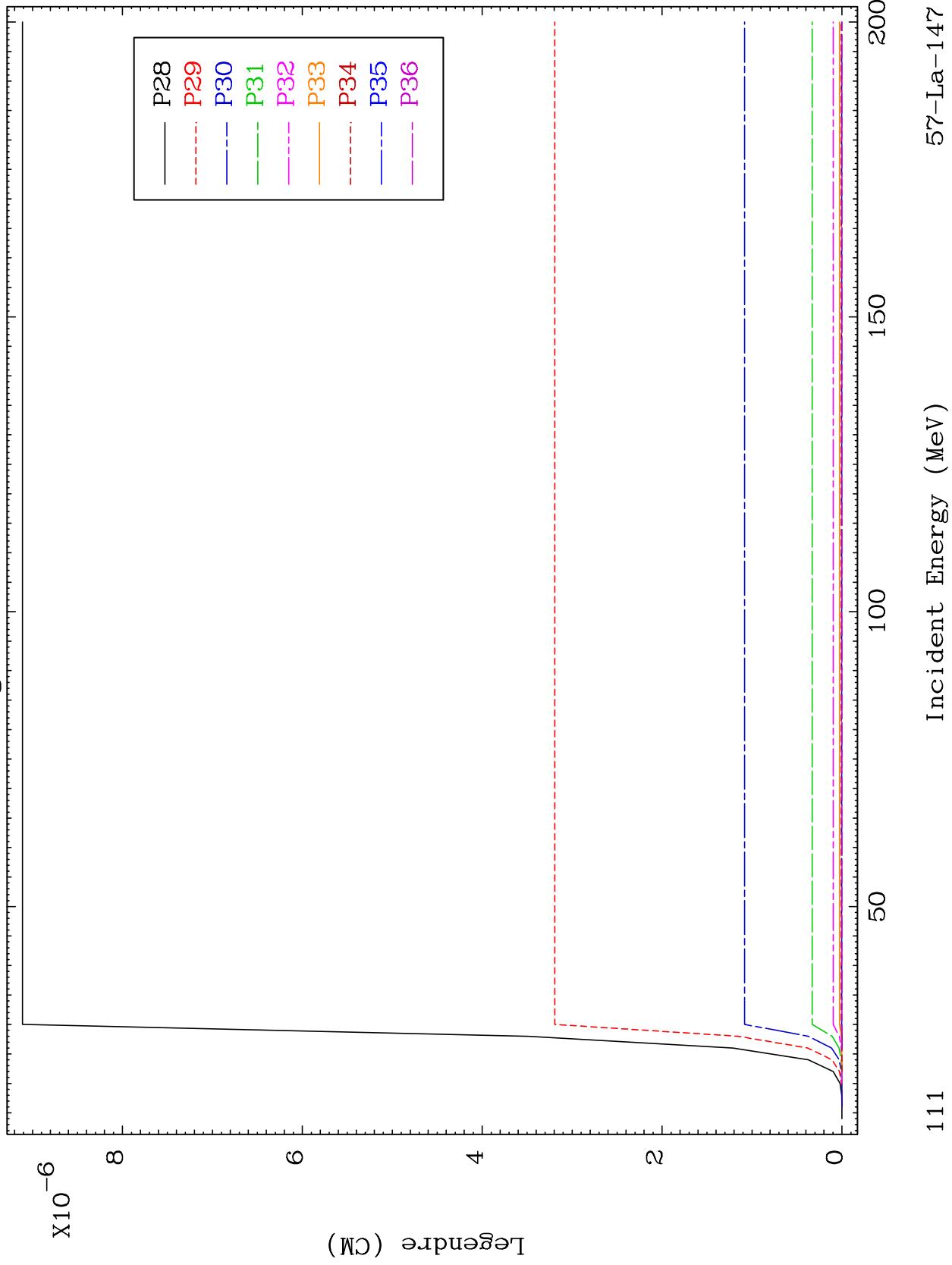
Incident Energy (MeV)

110

MAT 5752

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

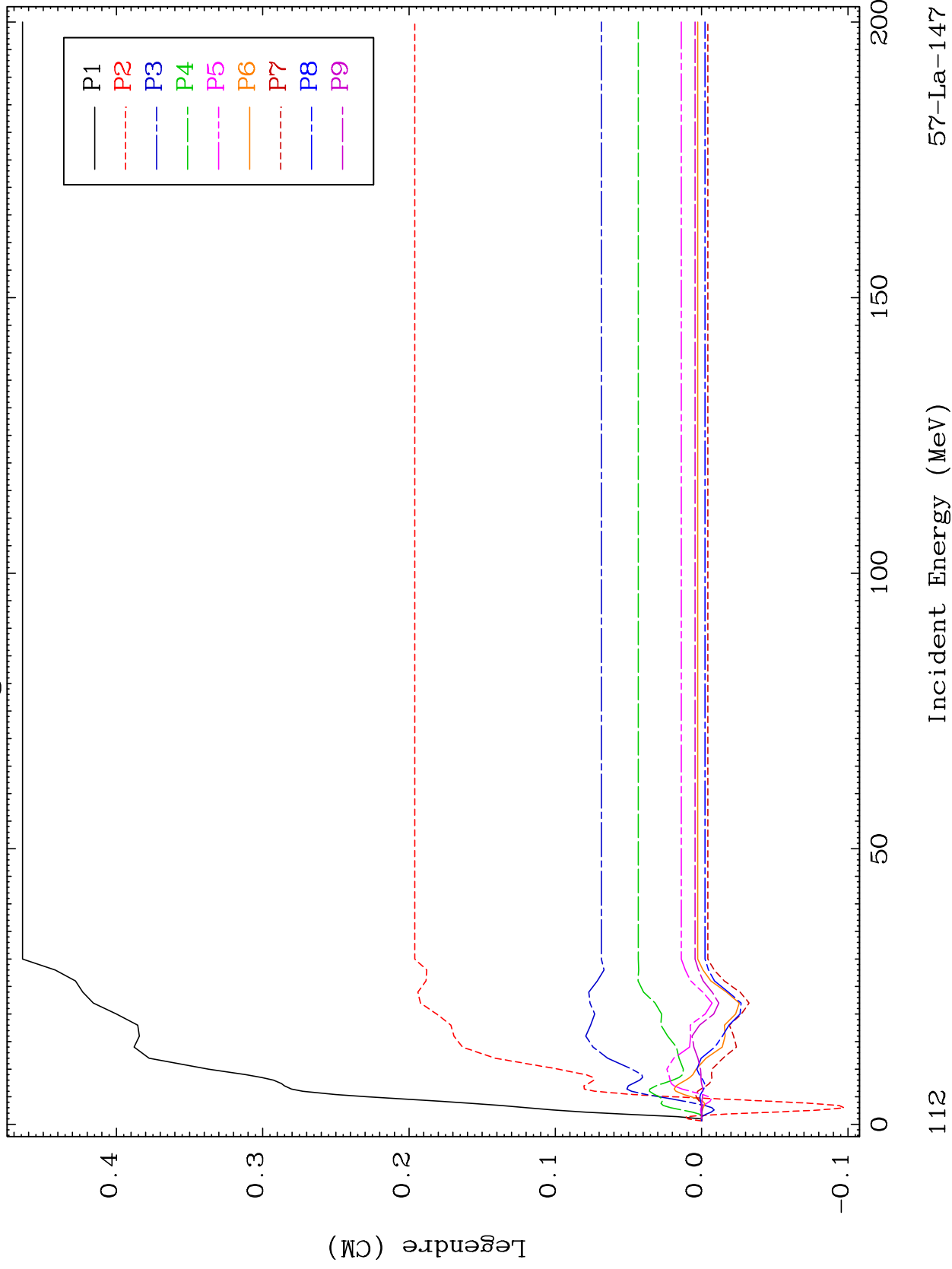
57-La-147



MAT 5752

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

57-La-147



57-La-147

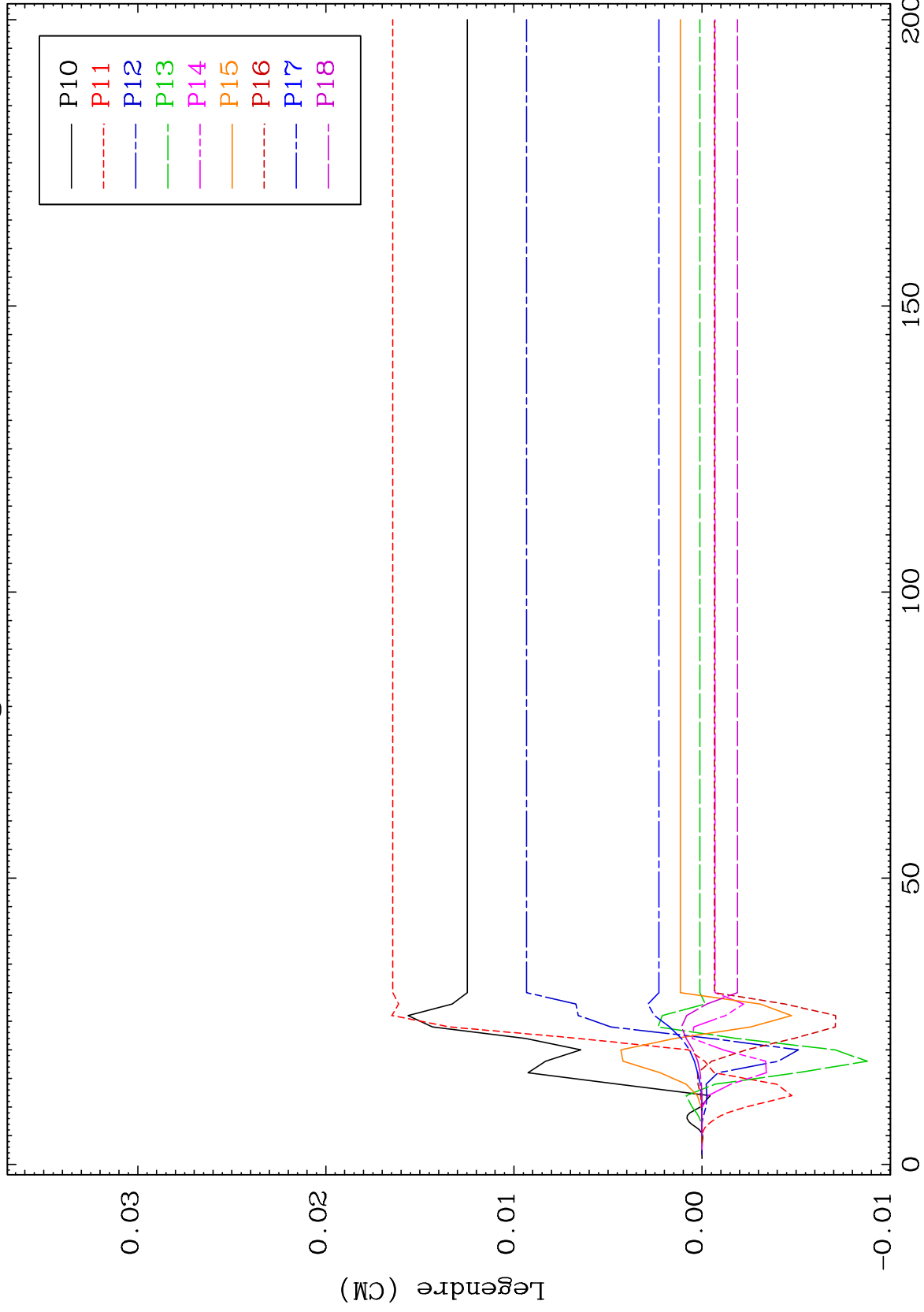
Incident Energy (MeV)

112

MAT 5752

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

57-La-147



113

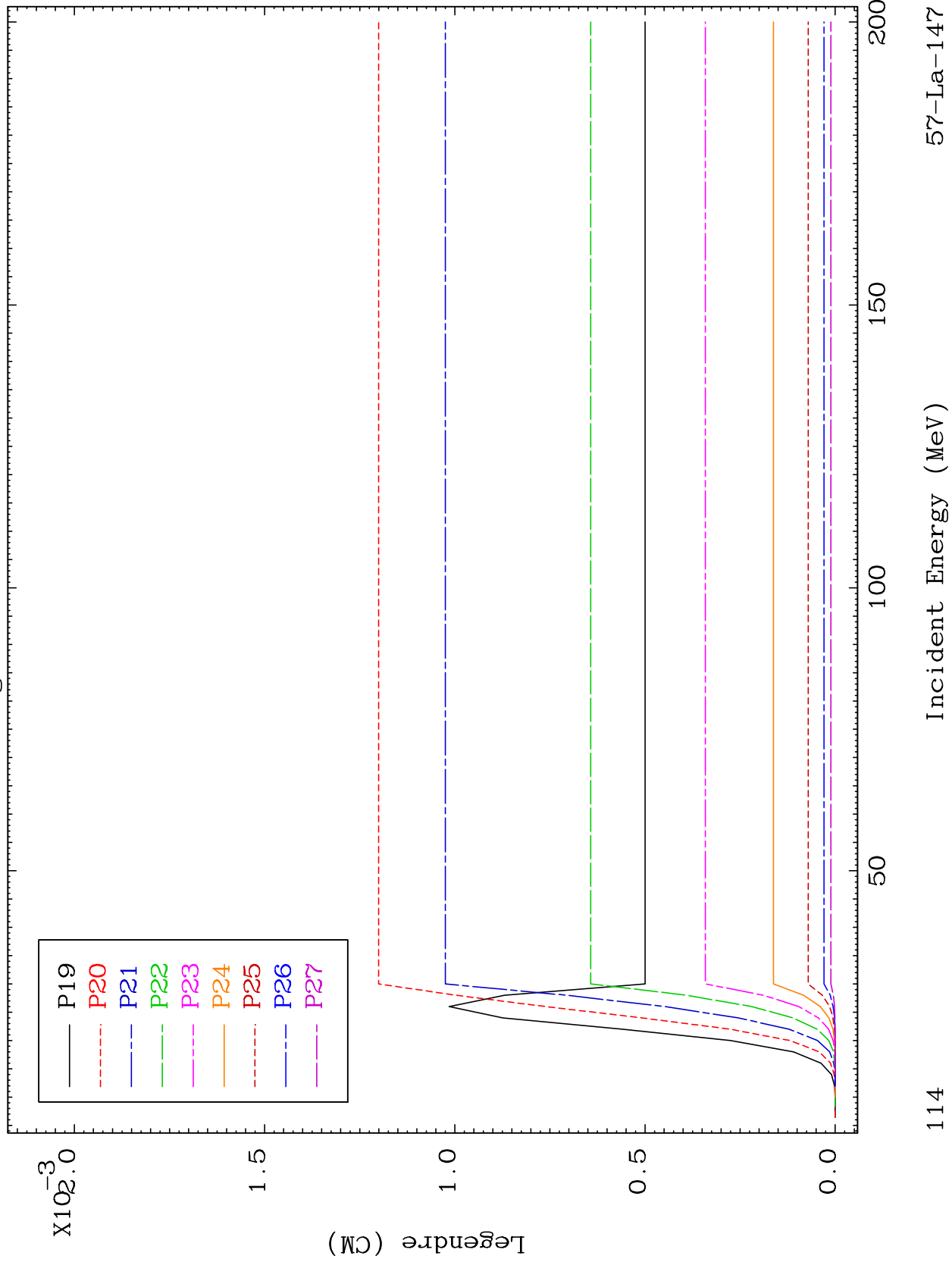
Incident Energy (MeV)

57-La-147

MAT 5752

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

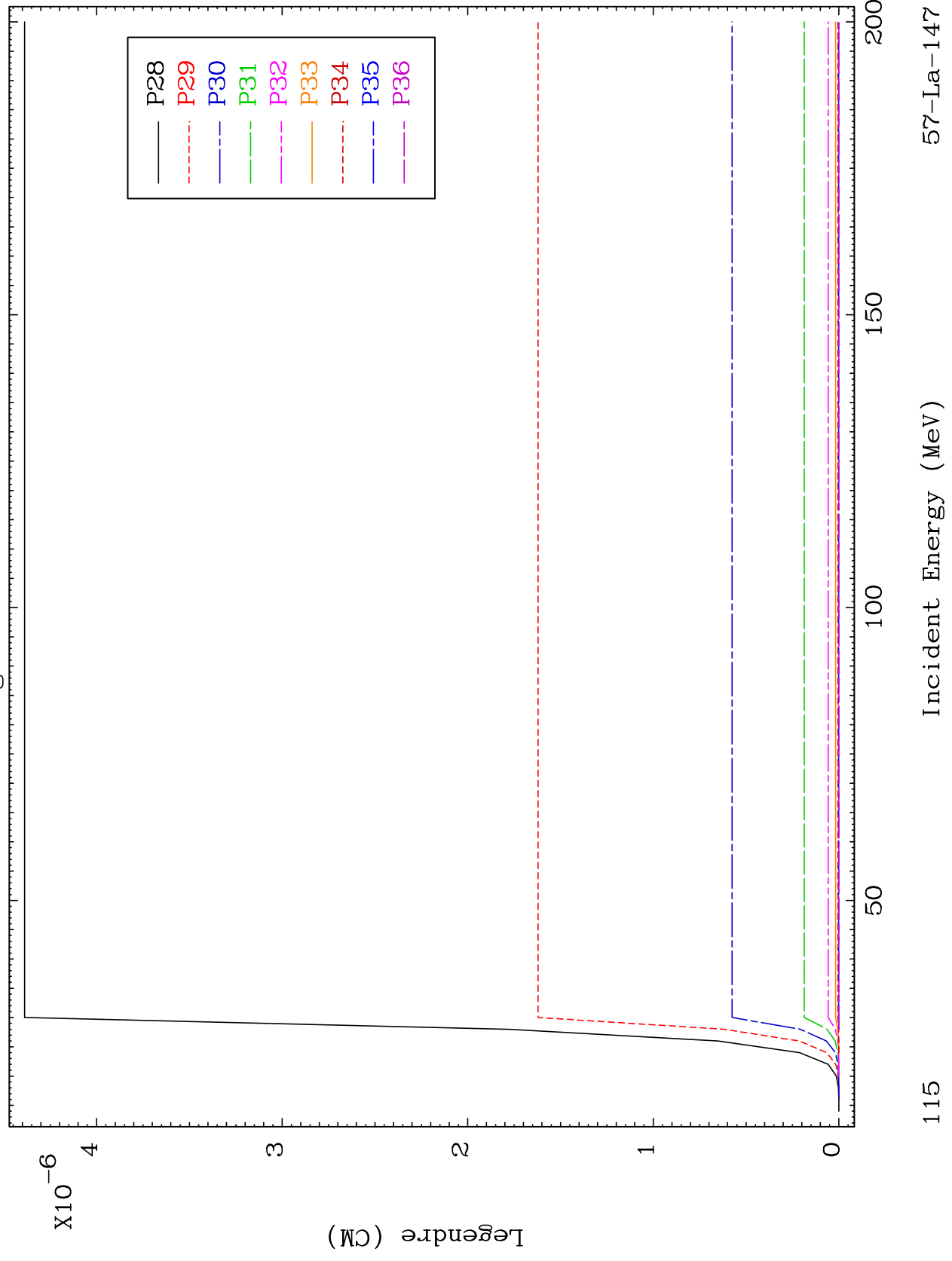
57-La-147



MAT 5752

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

57-La-147



57-La-147

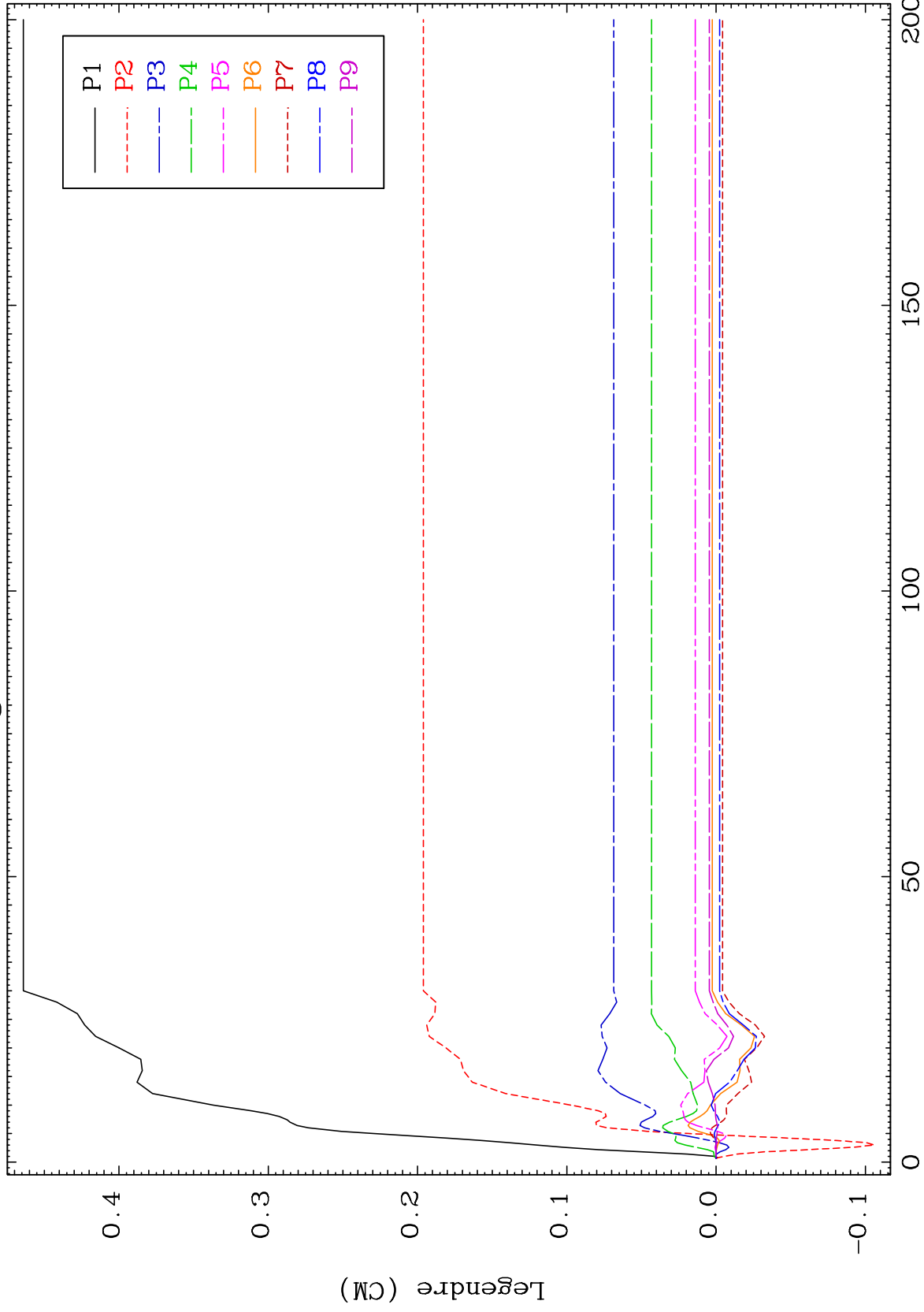
Incident Energy (MeV)

115

MAT 5752

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

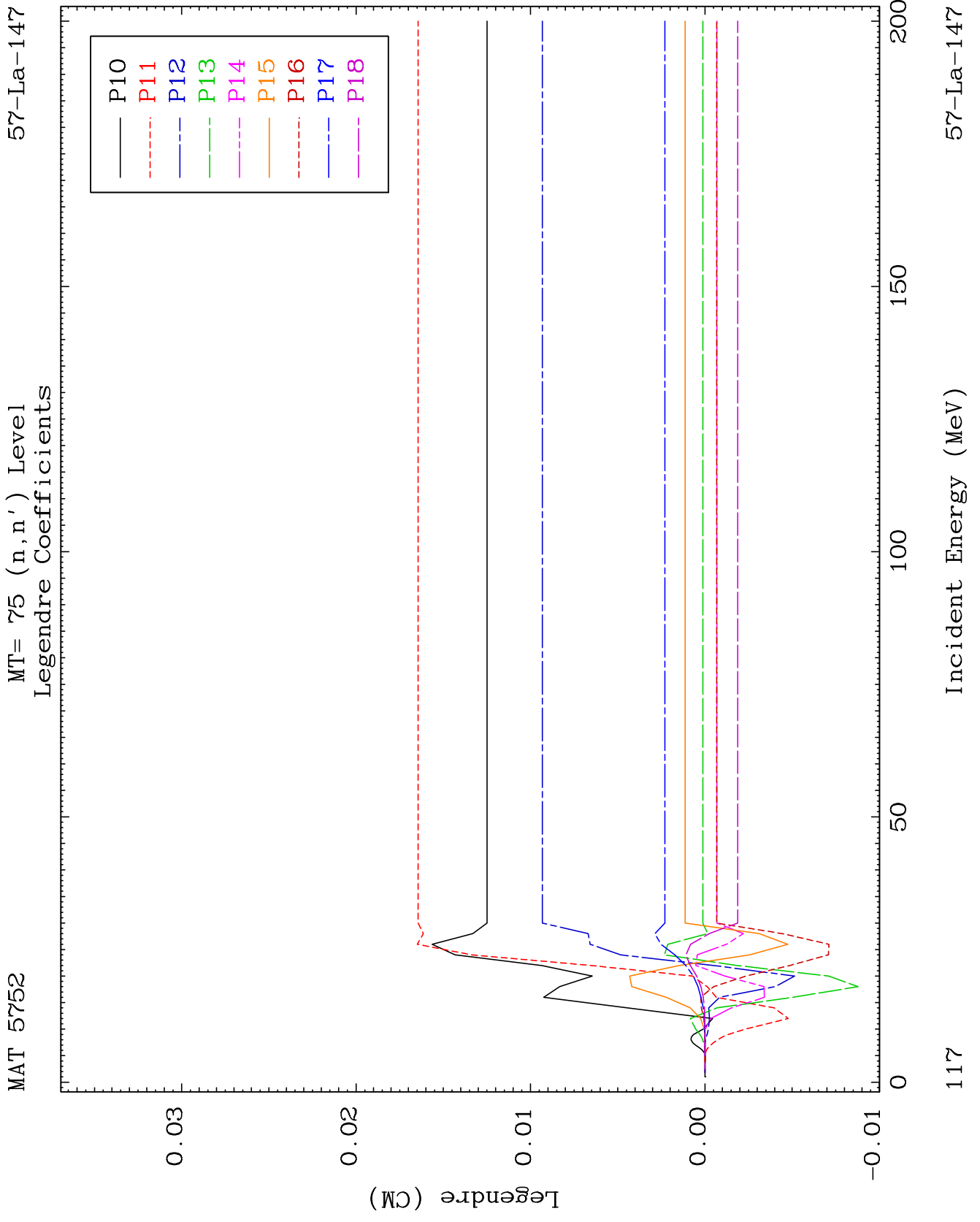
57-La-147



57-La-147

Incident Energy (MeV)

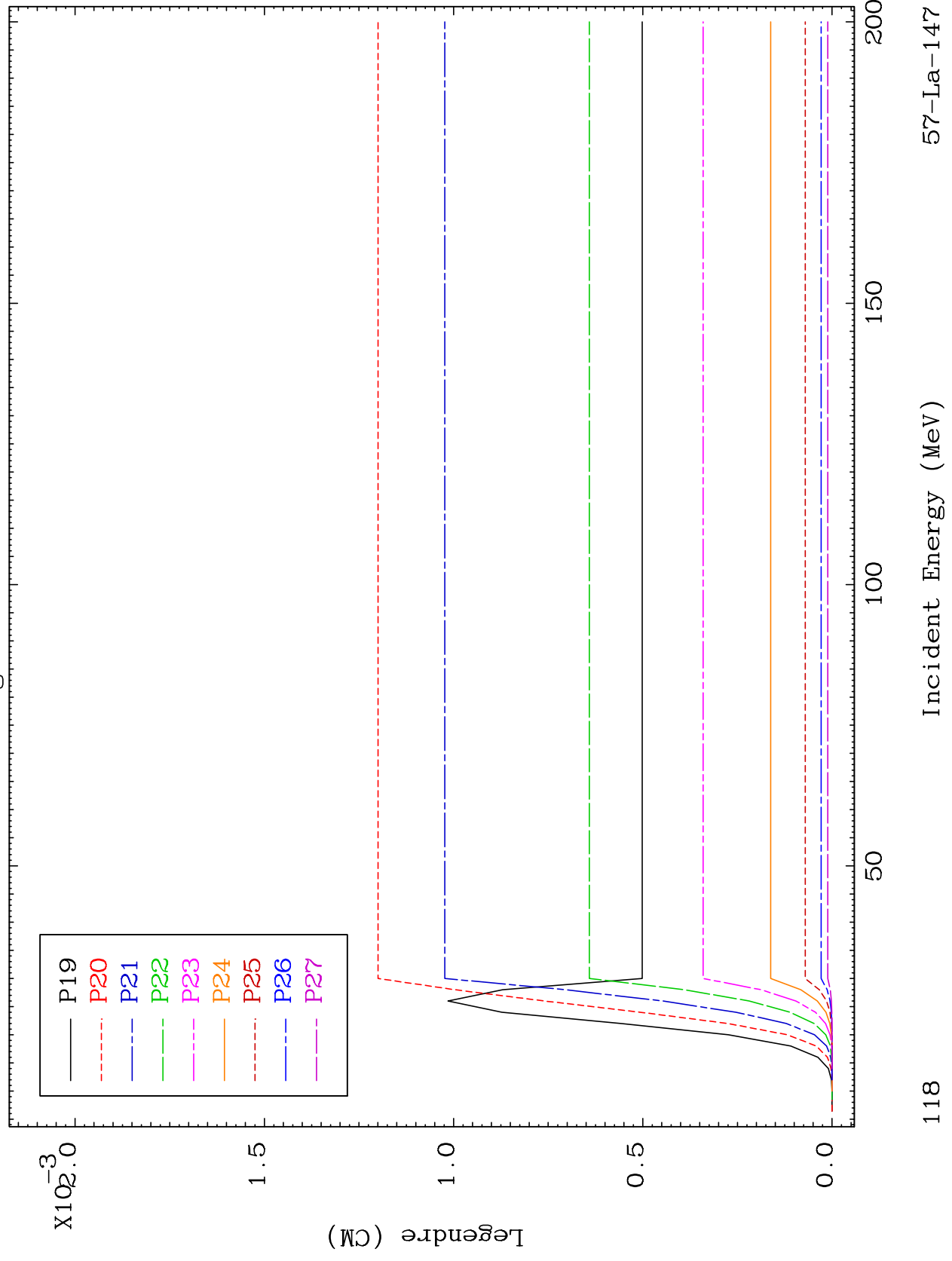
116



MAT 5752

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

57-La-147



118

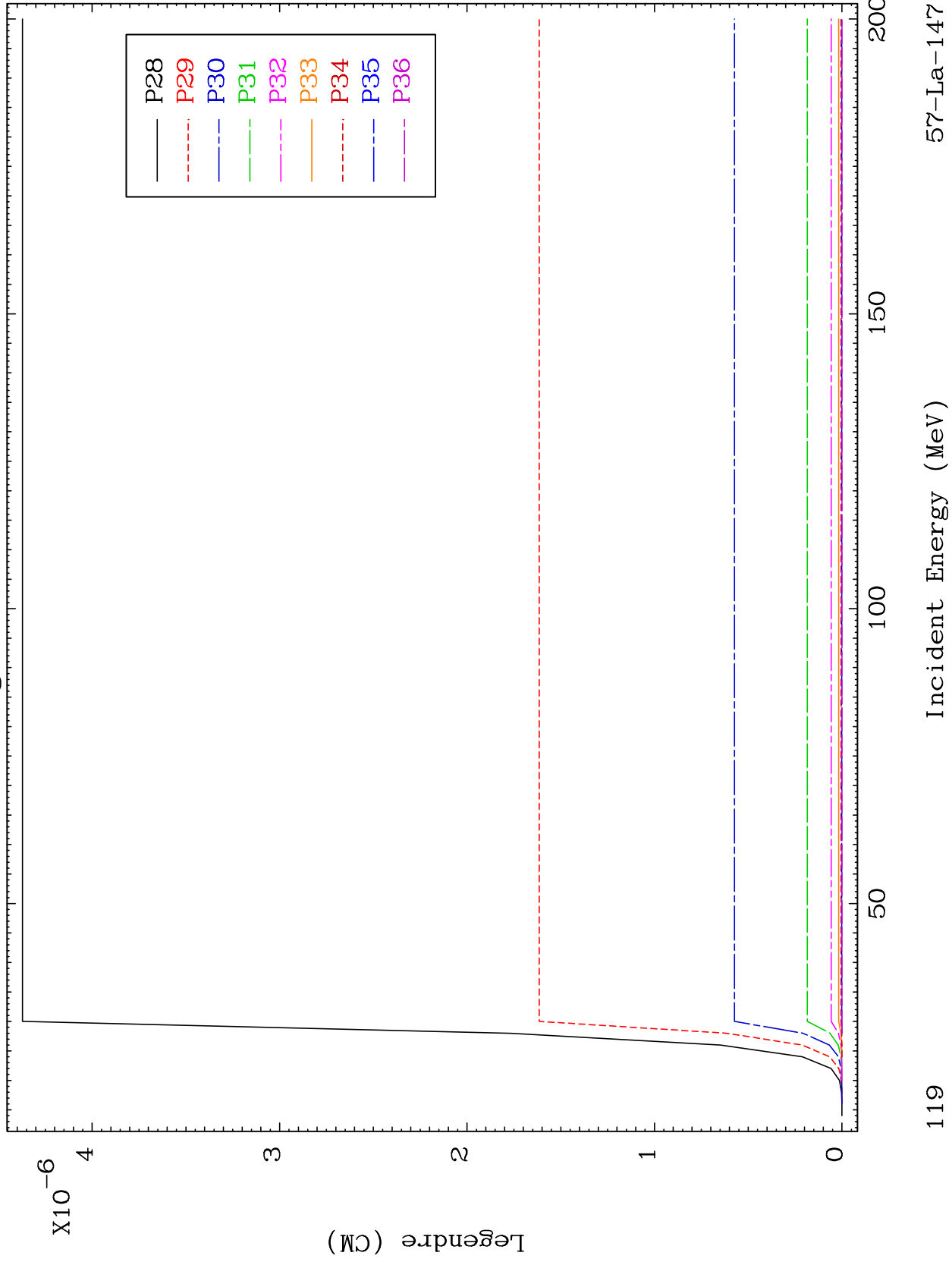
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



119

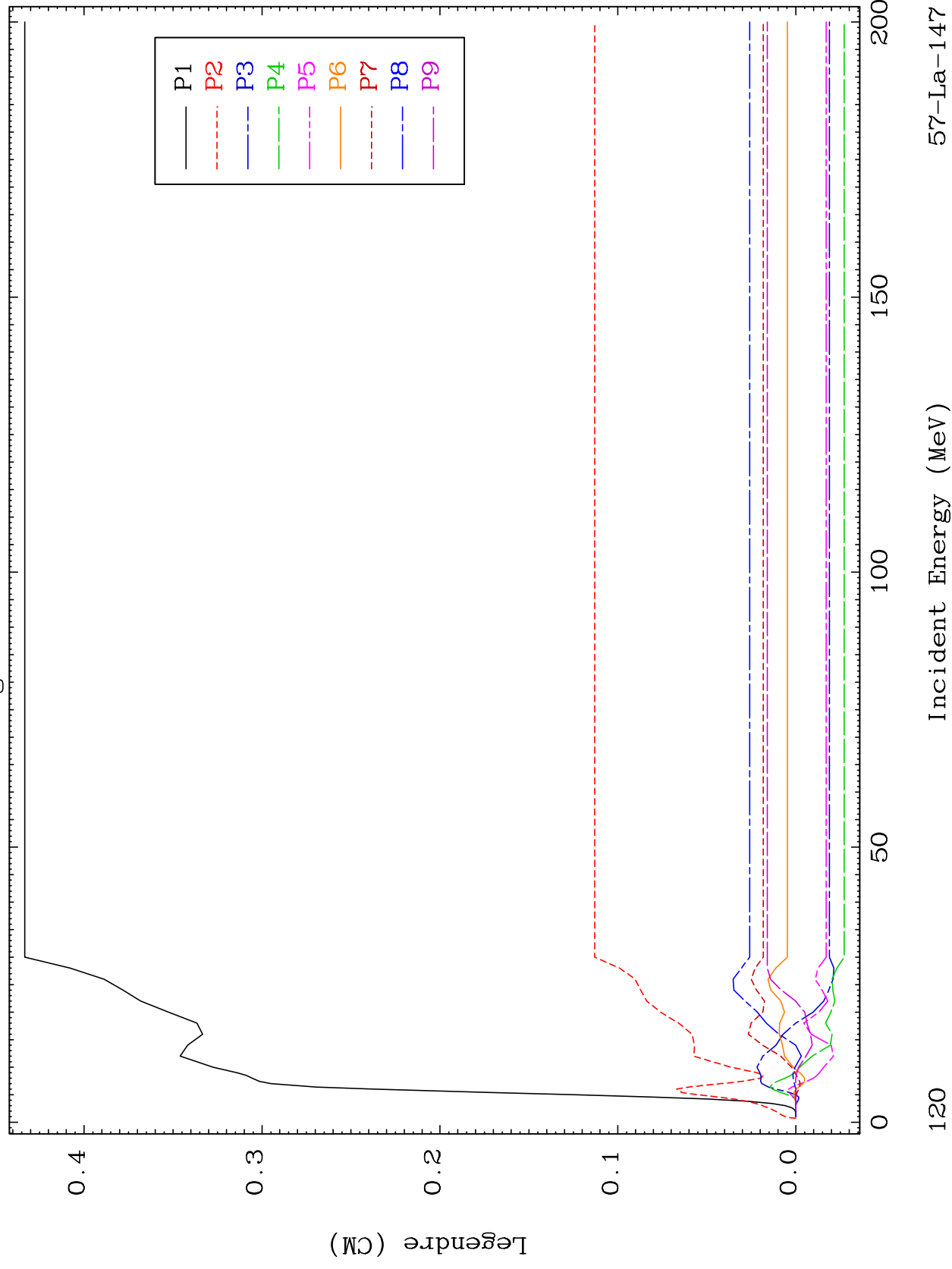
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



57-La-147

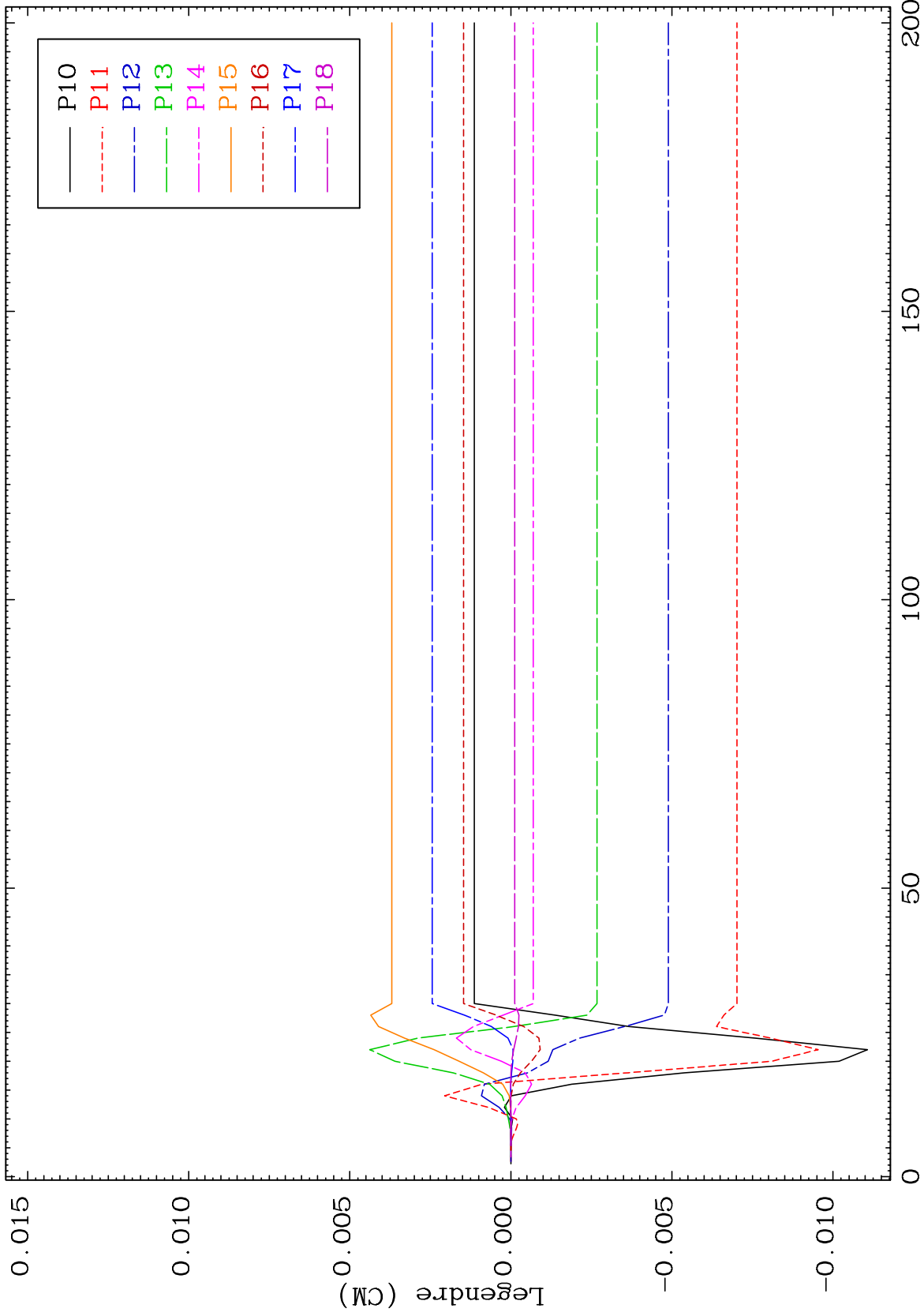
Incident Energy (MeV)

120

MAT 5752

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

57-La-147



121

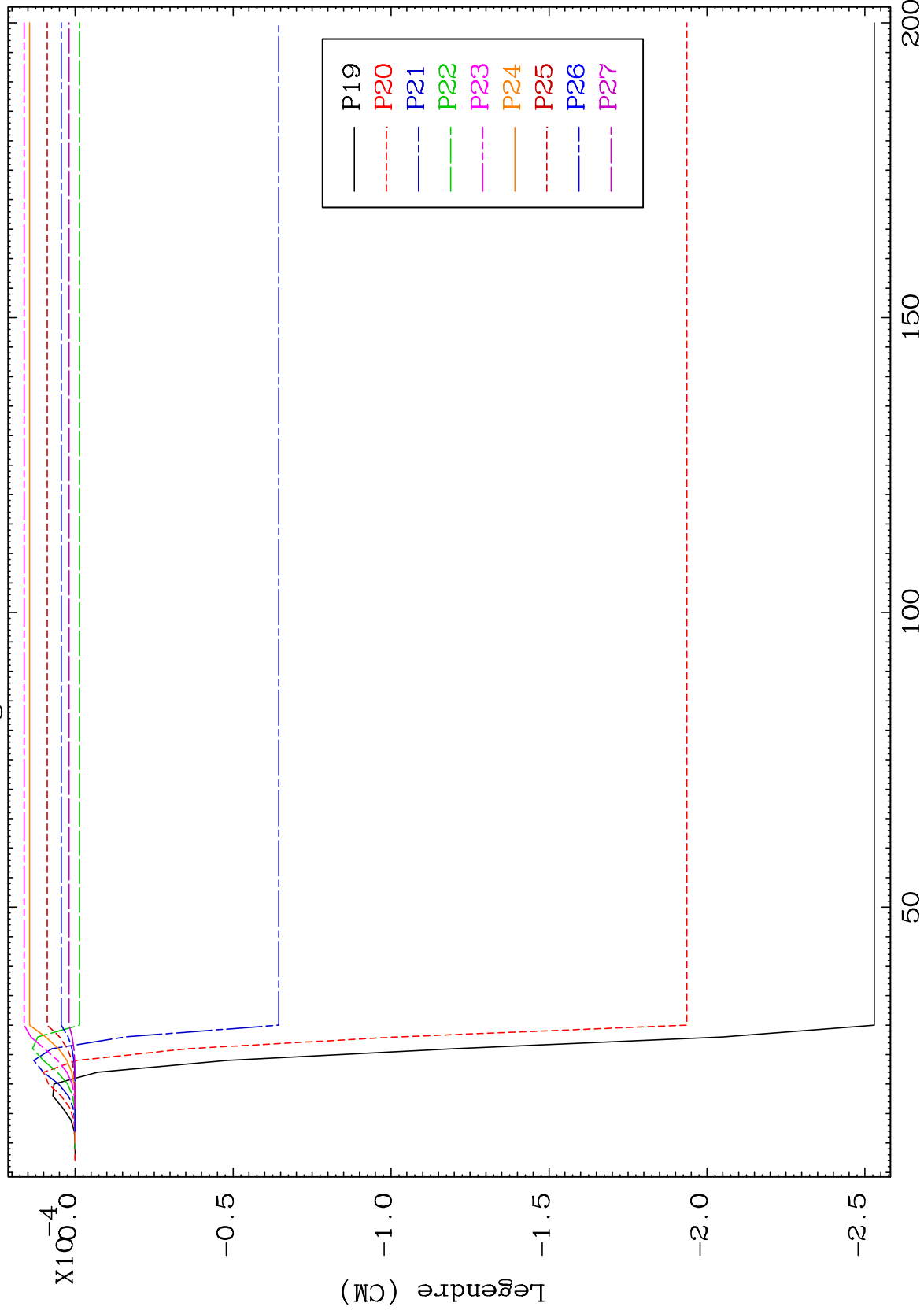
Incident Energy (MeV)

57-La-147

MAT 5752

57-La-147

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



122

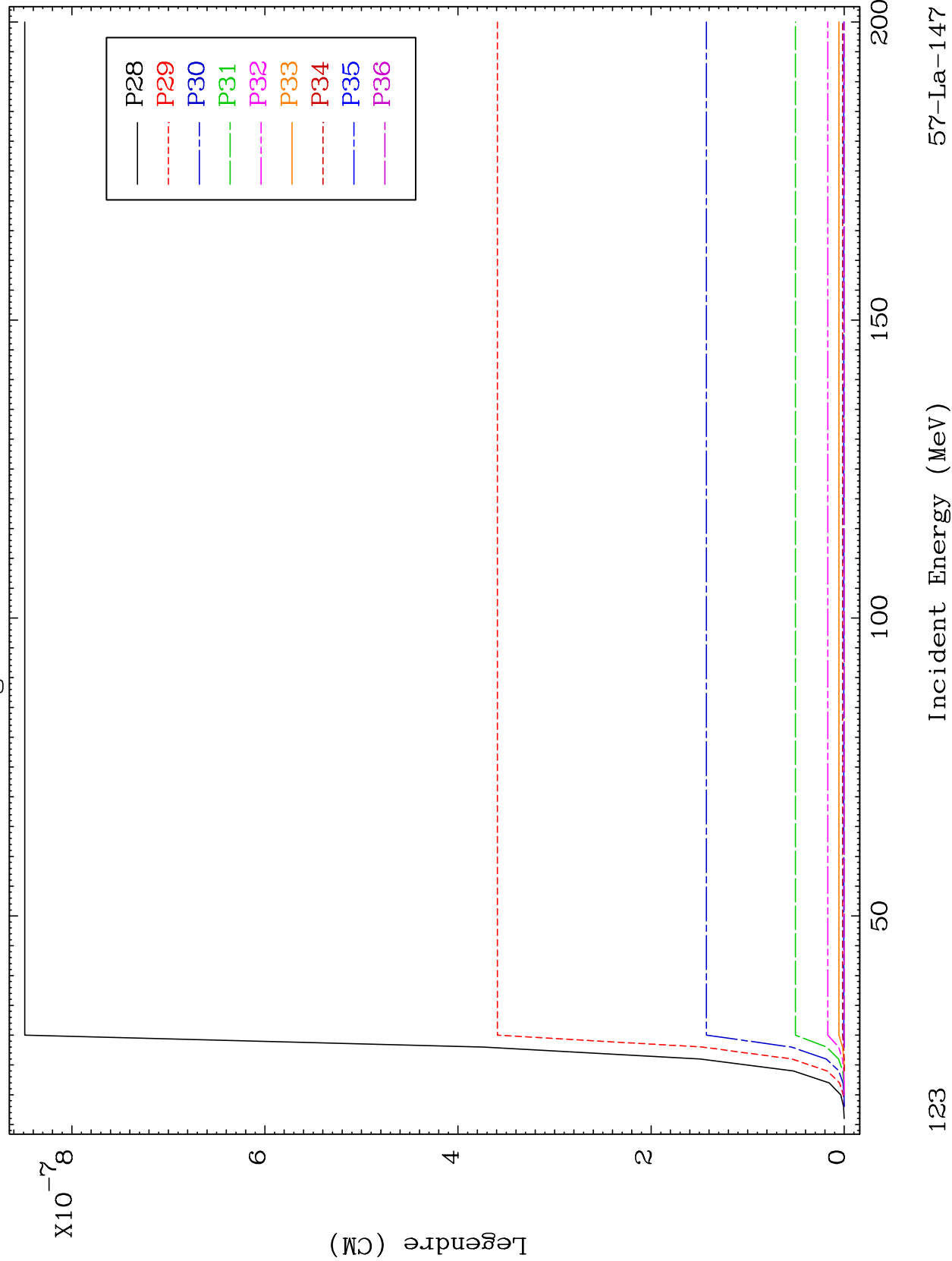
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



123

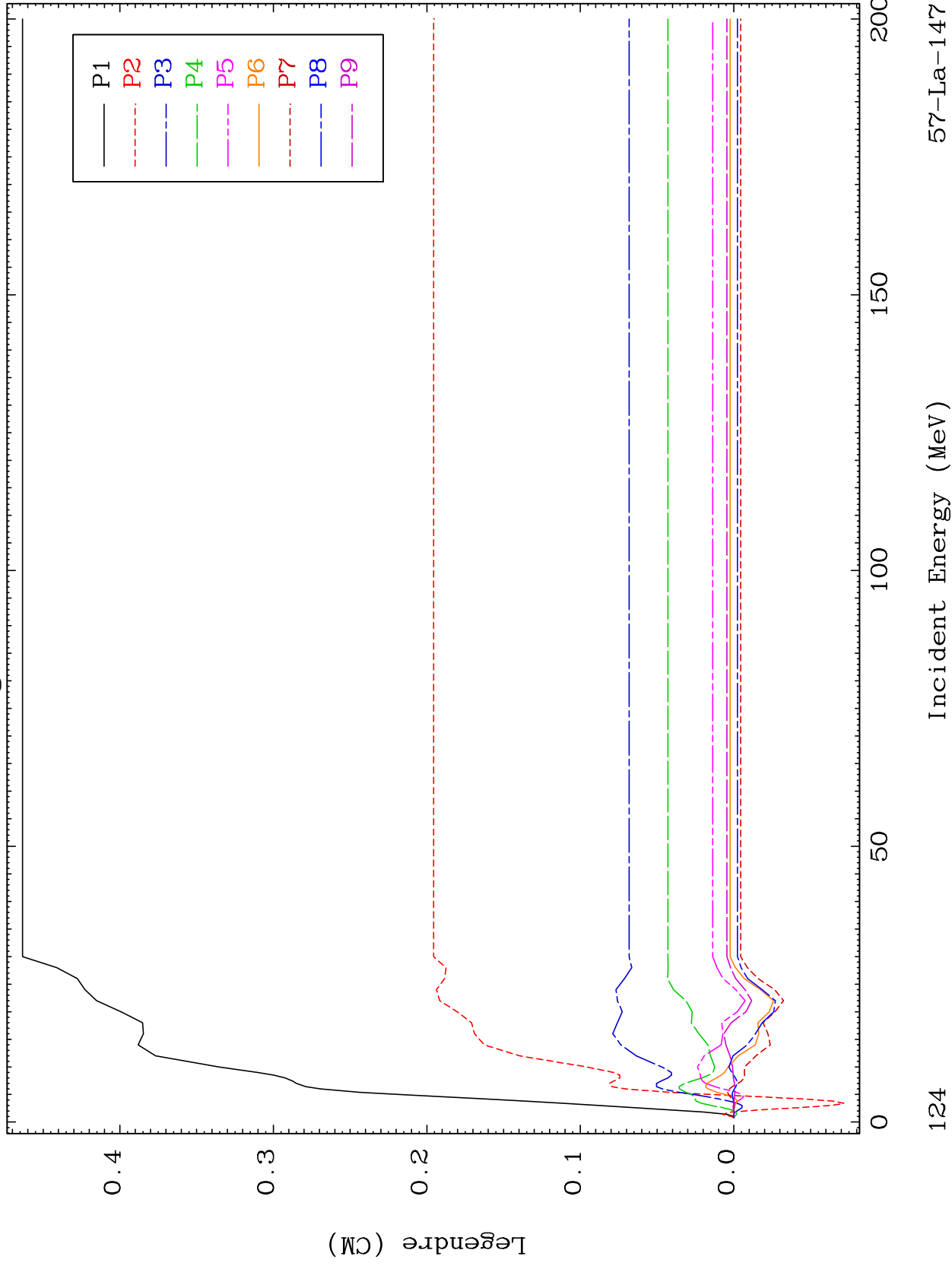
Incident Energy (MeV)

57-La-147

MAT 5752

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

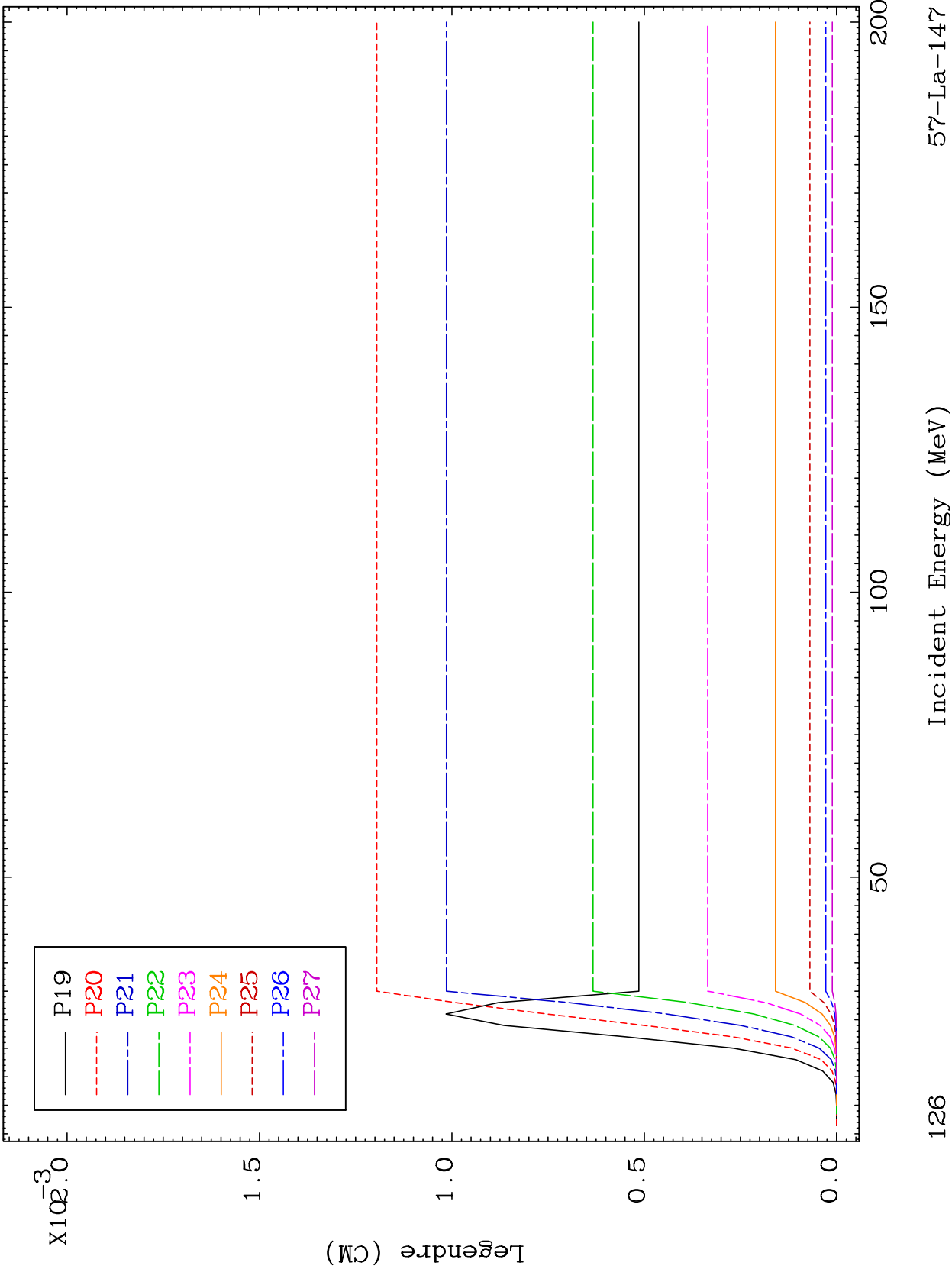
57-La-147



57-La-147

Incident Energy (MeV)

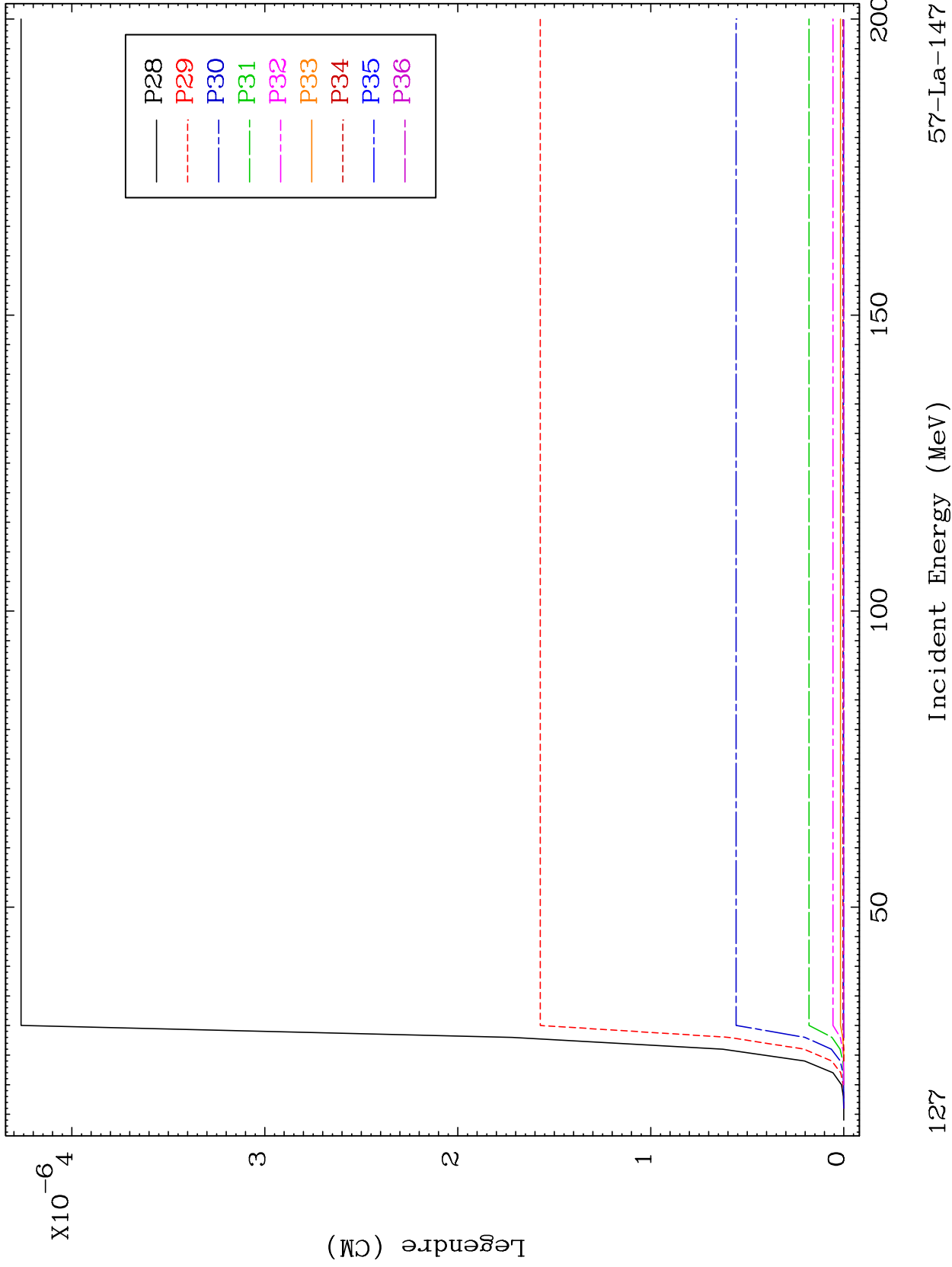
124



MAT 5752

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

57-La-147



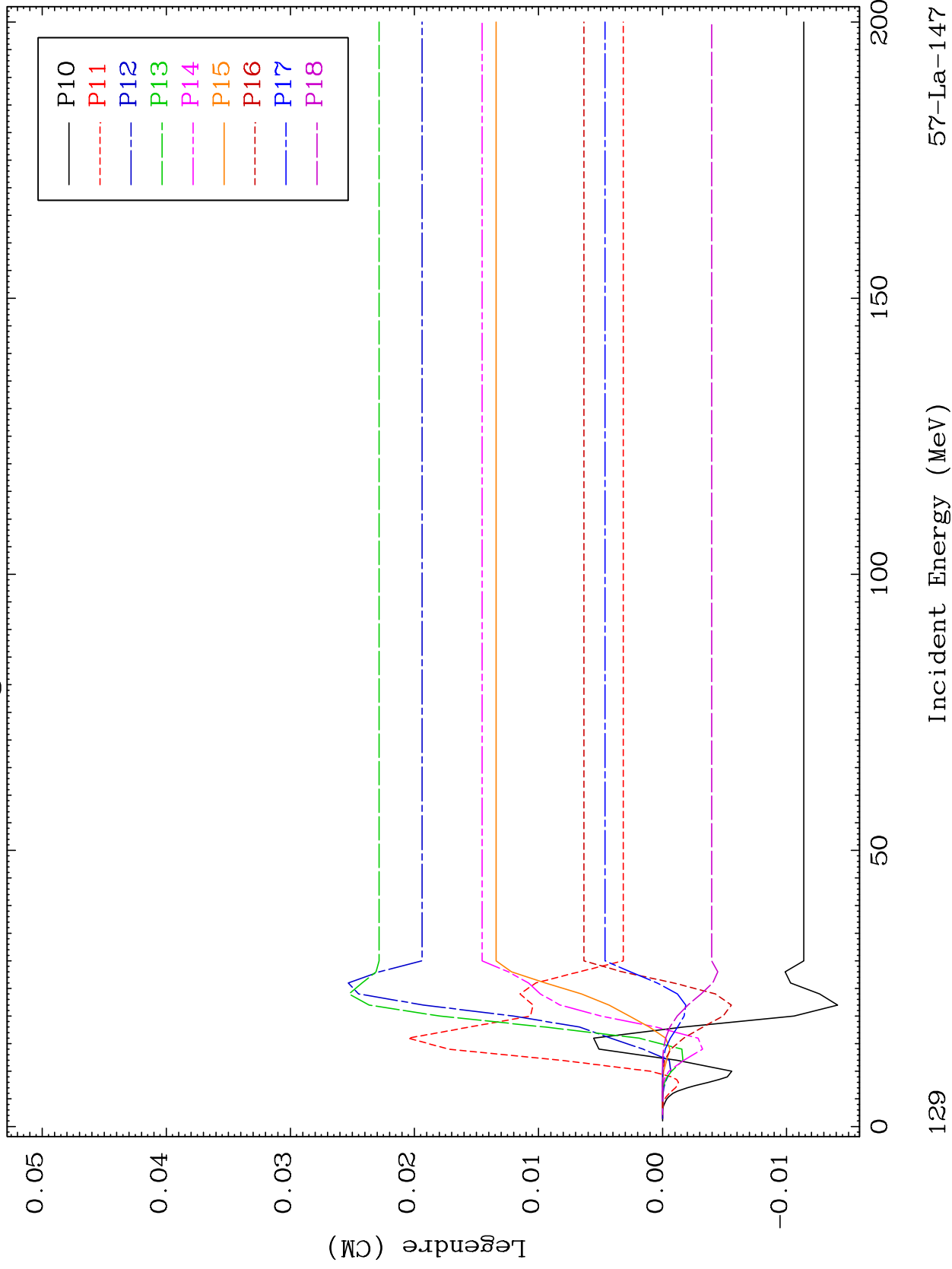
127

57-La-147

MAT 5752

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

57-La-147



129

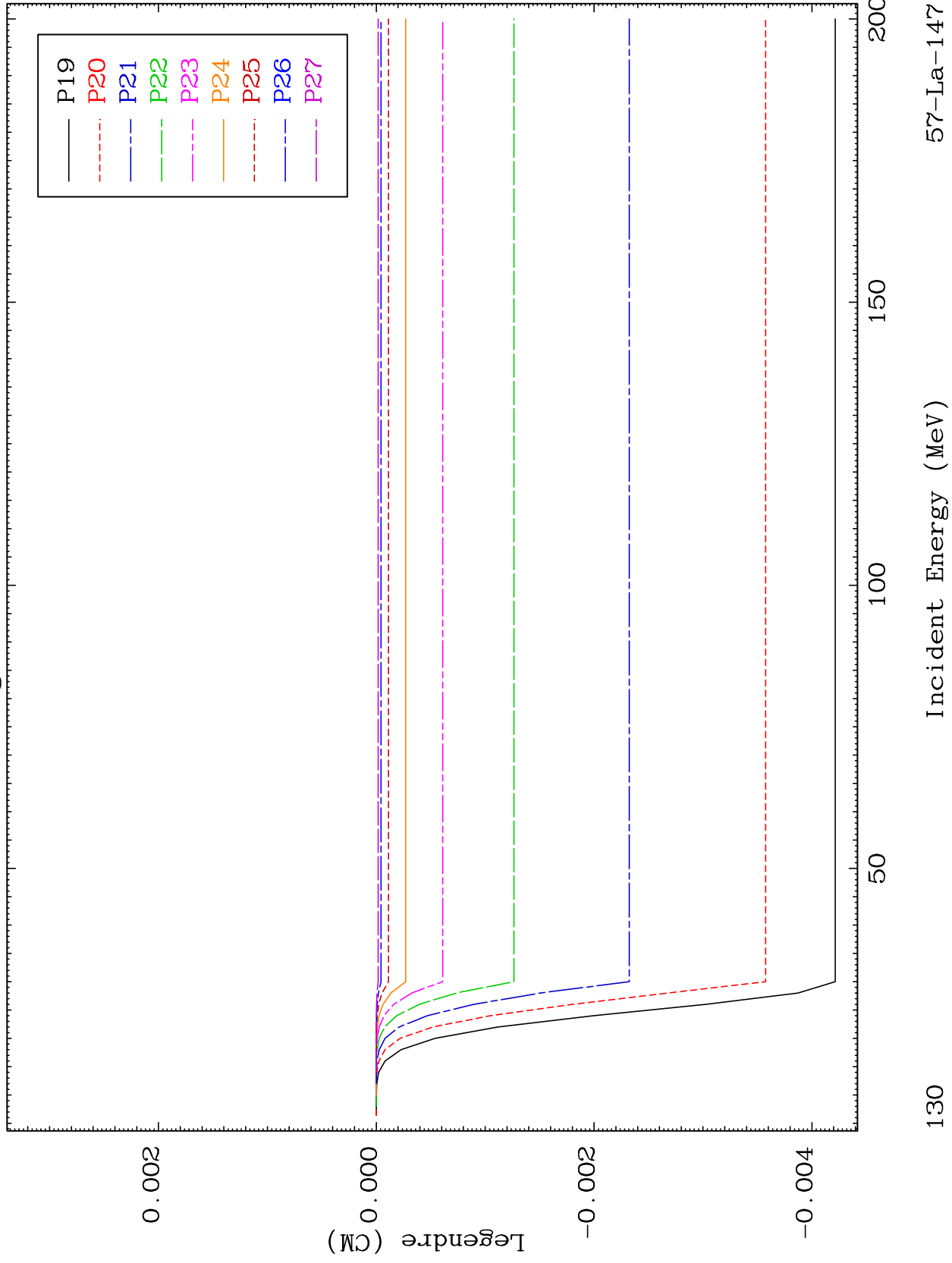
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



57-La-147

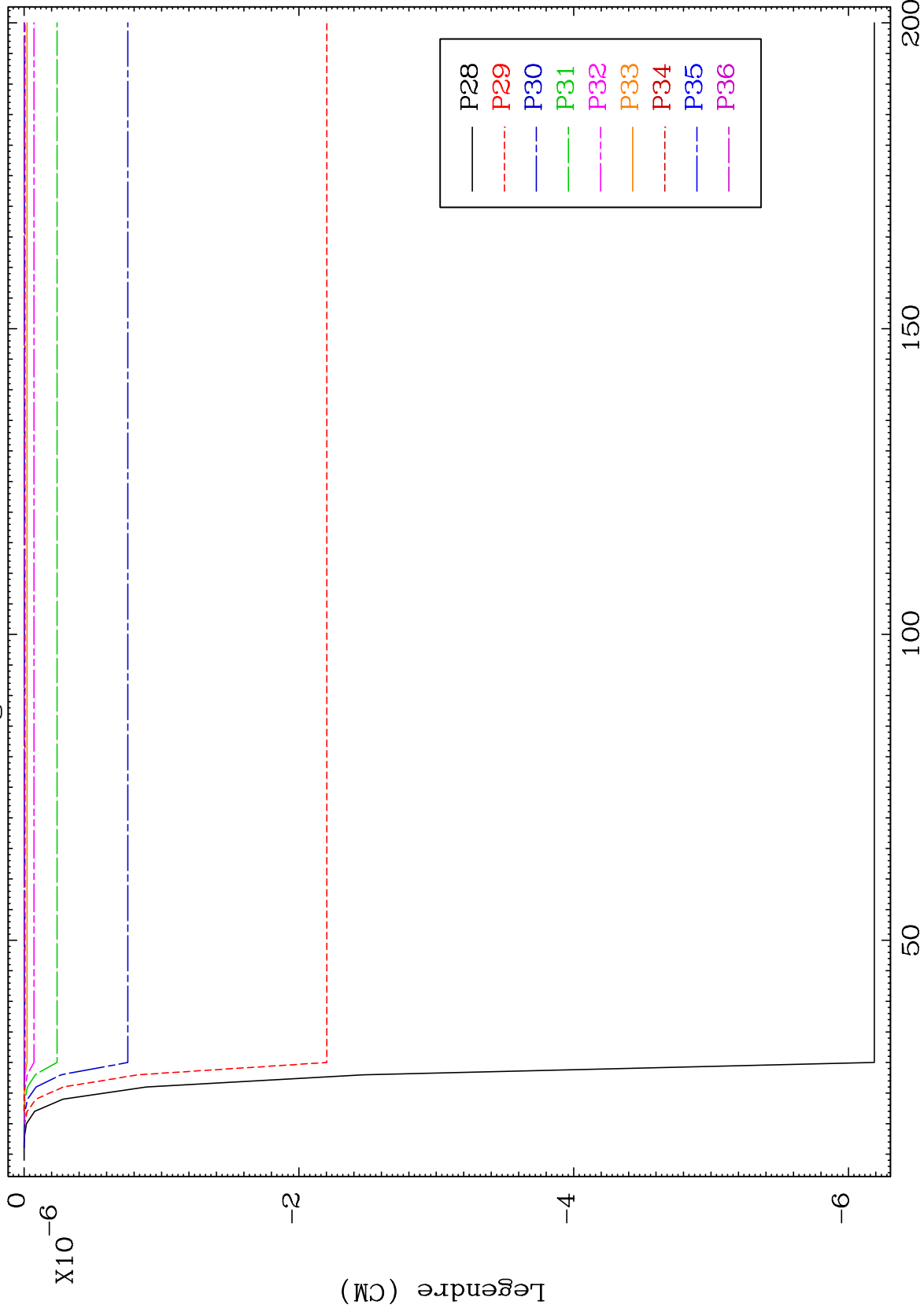
Incident Energy (MeV)

130

MAT 5752

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

57-La-147



131

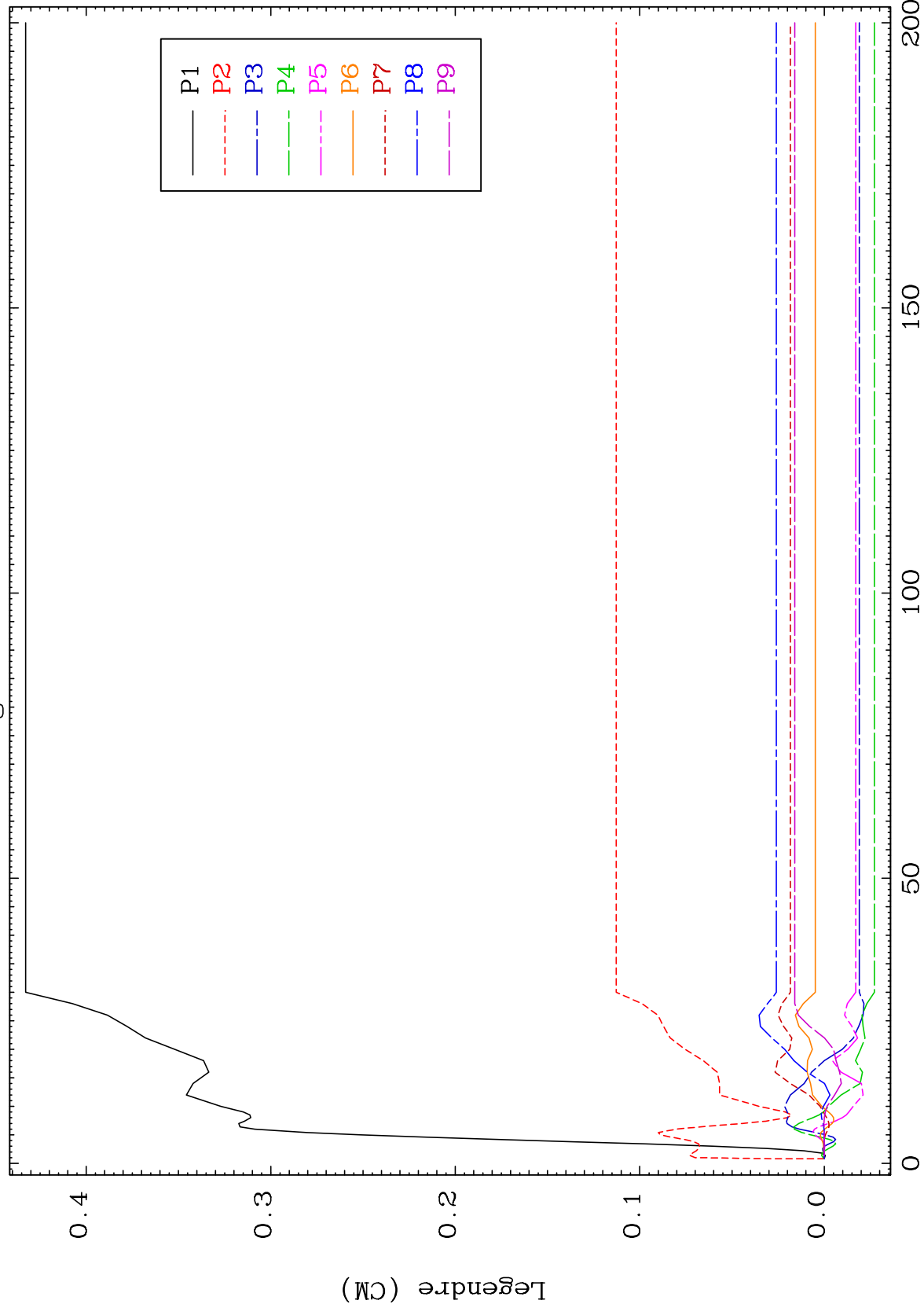
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



57-La-147

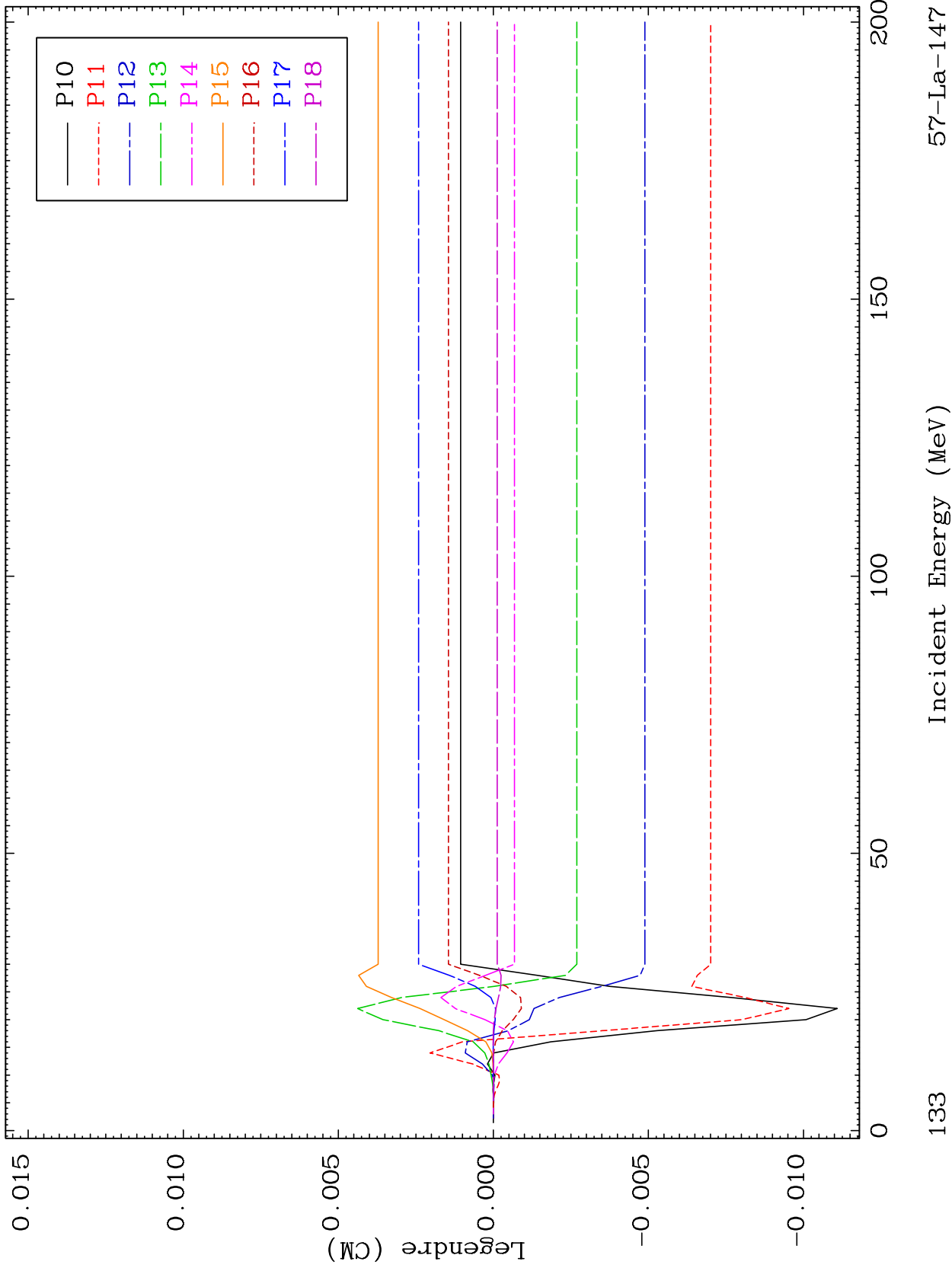
Incident Energy (MeV)

132

MAT 5752

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

57-La-147



133

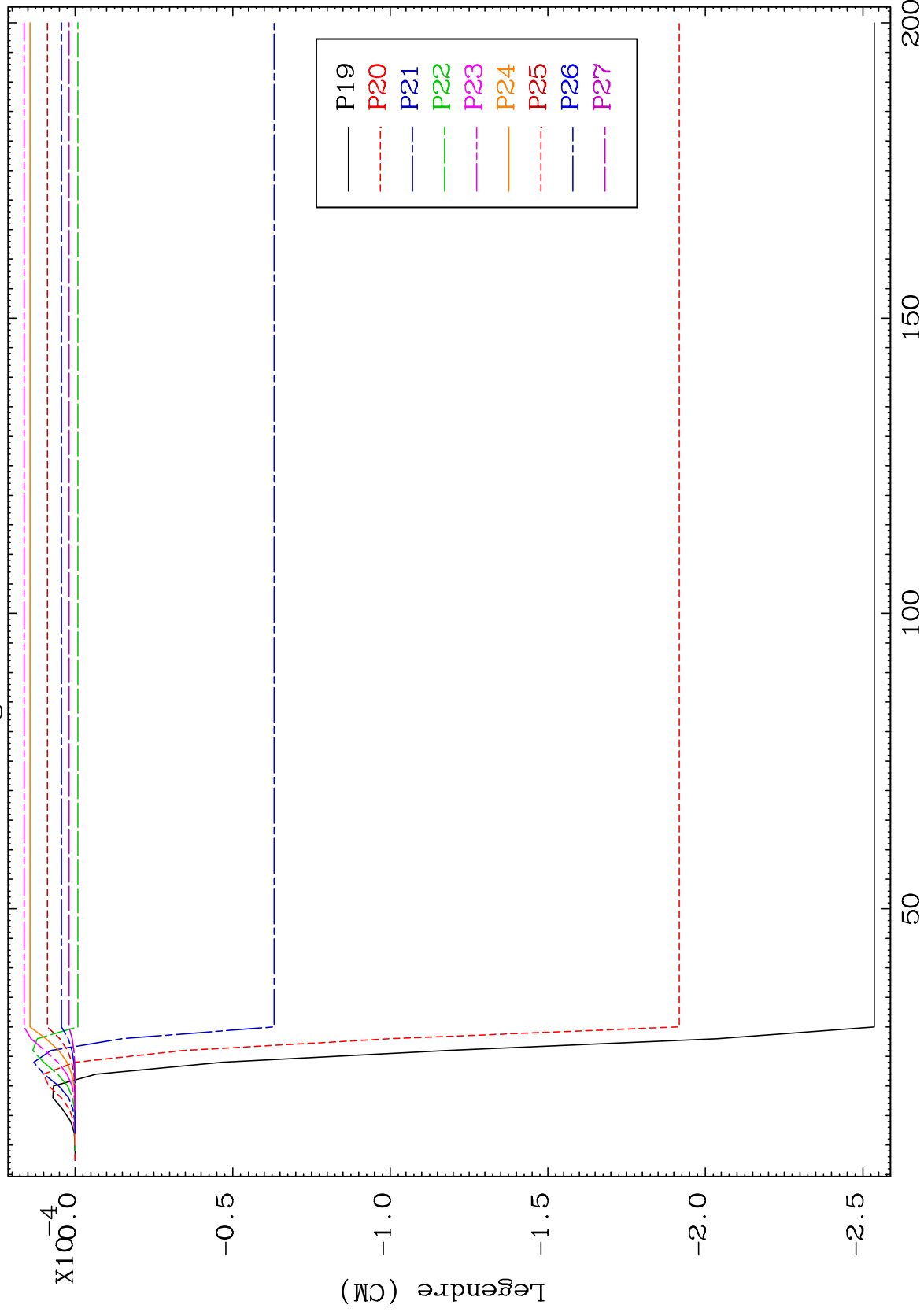
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



134

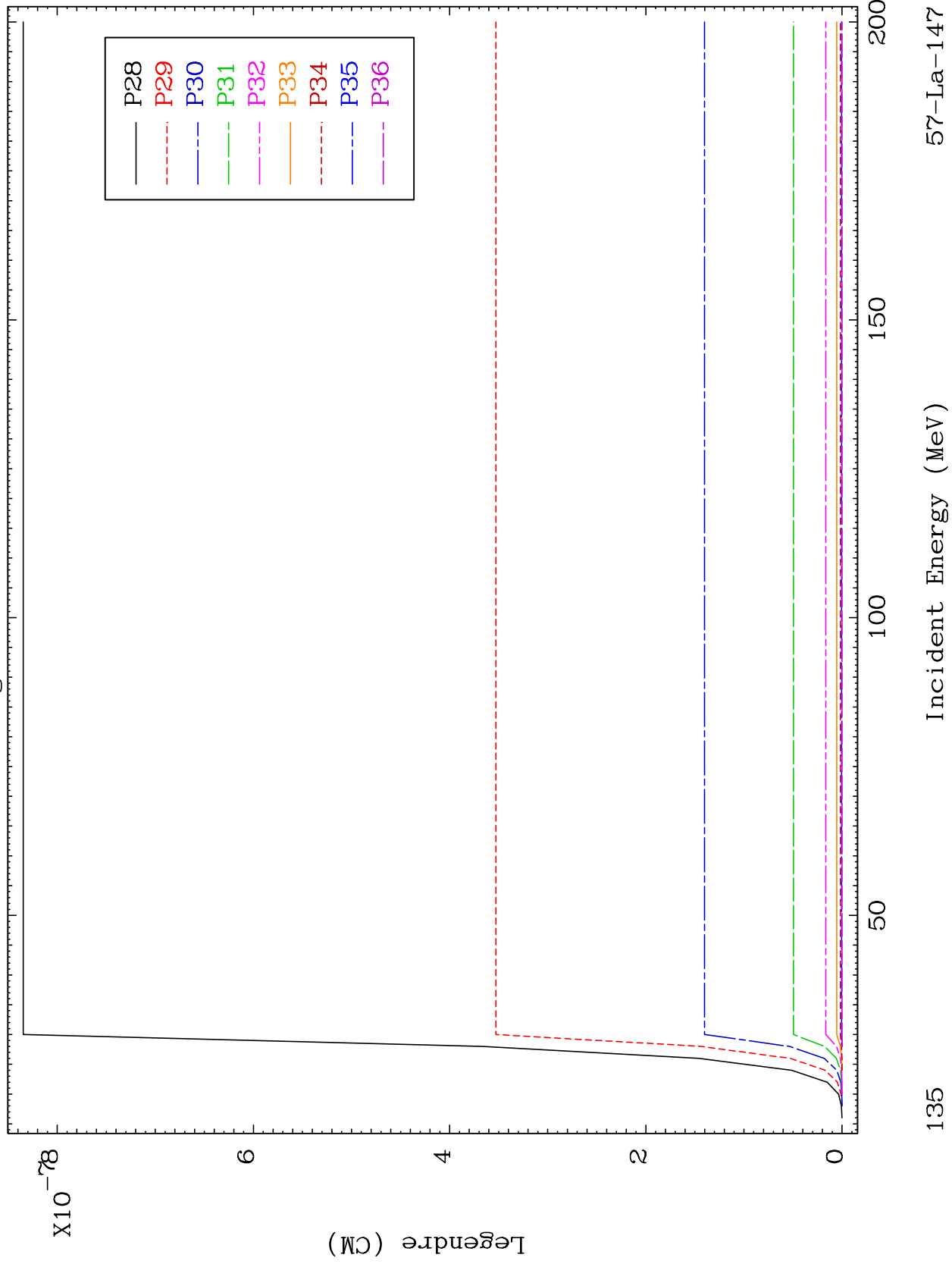
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



135

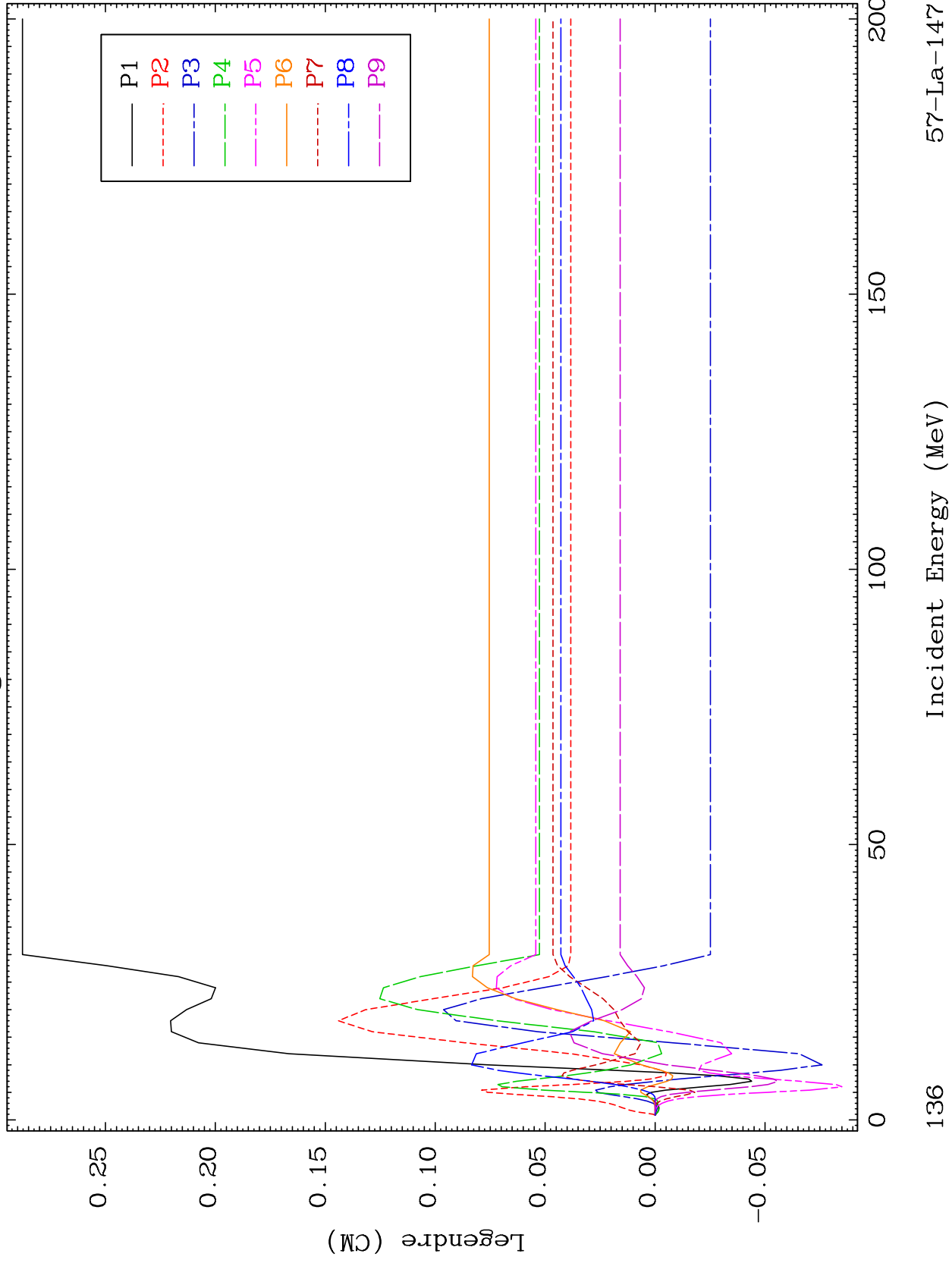
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



57-La-147

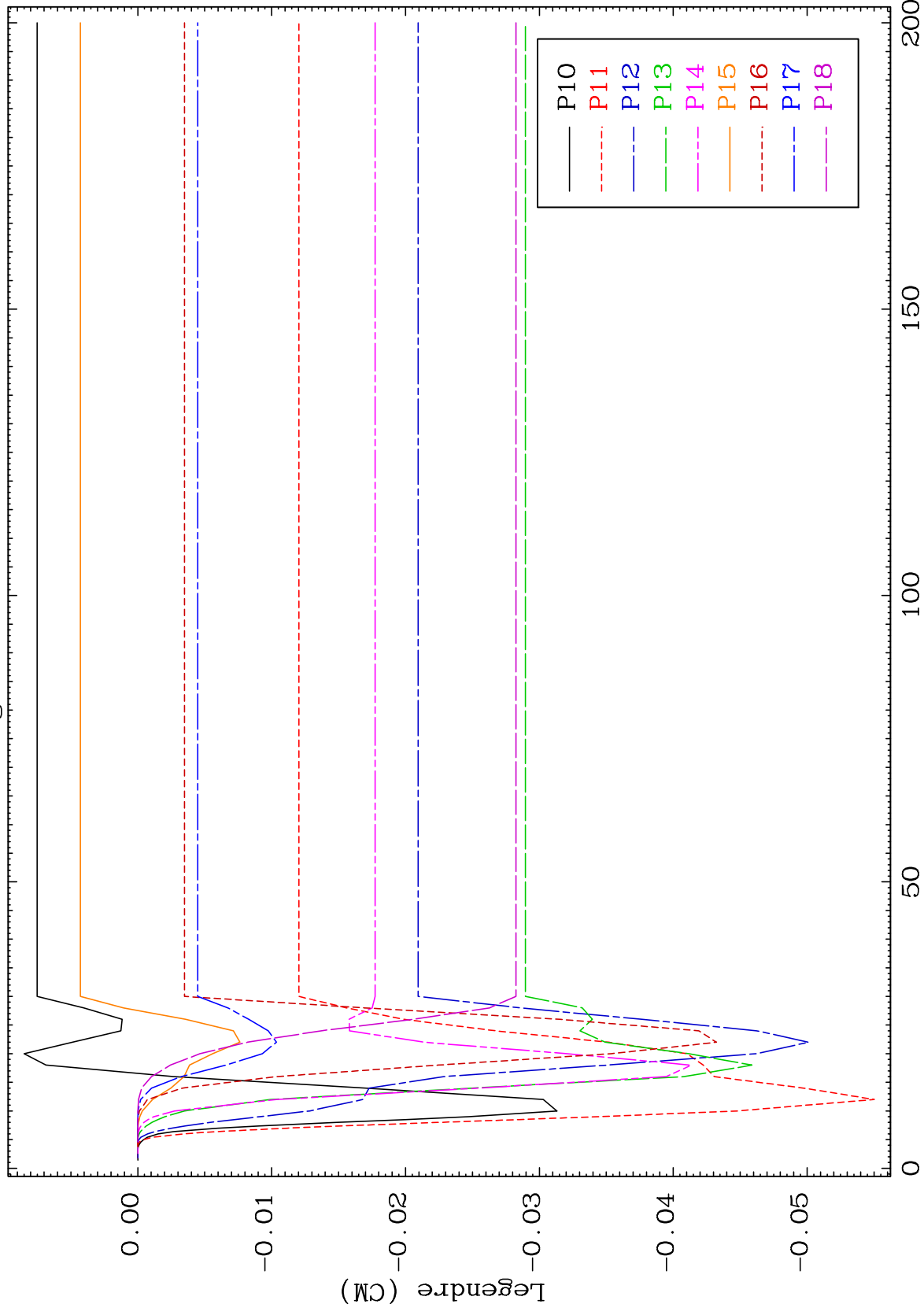
Incident Energy (MeV)

136

MAT 5752

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

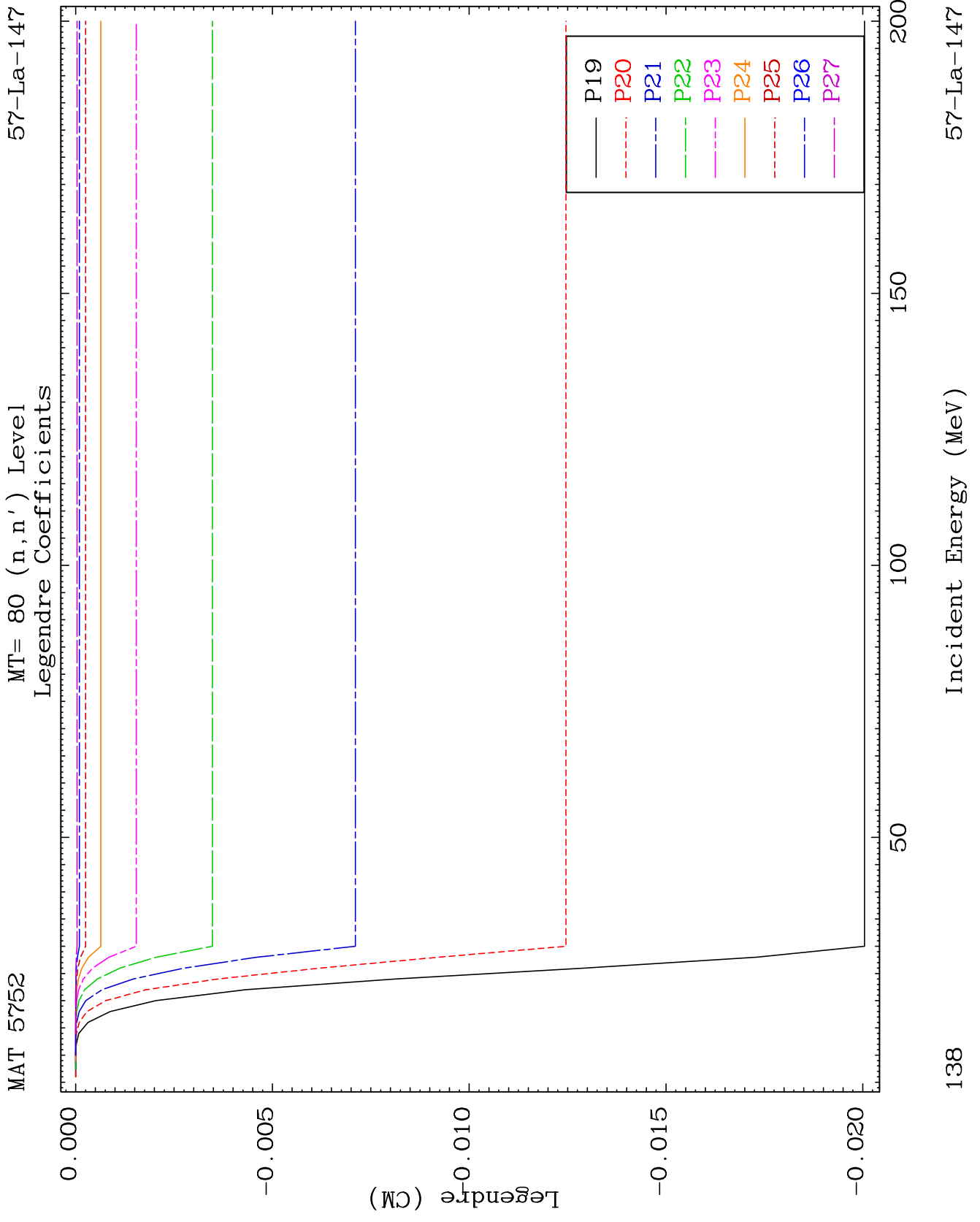
57-La-147

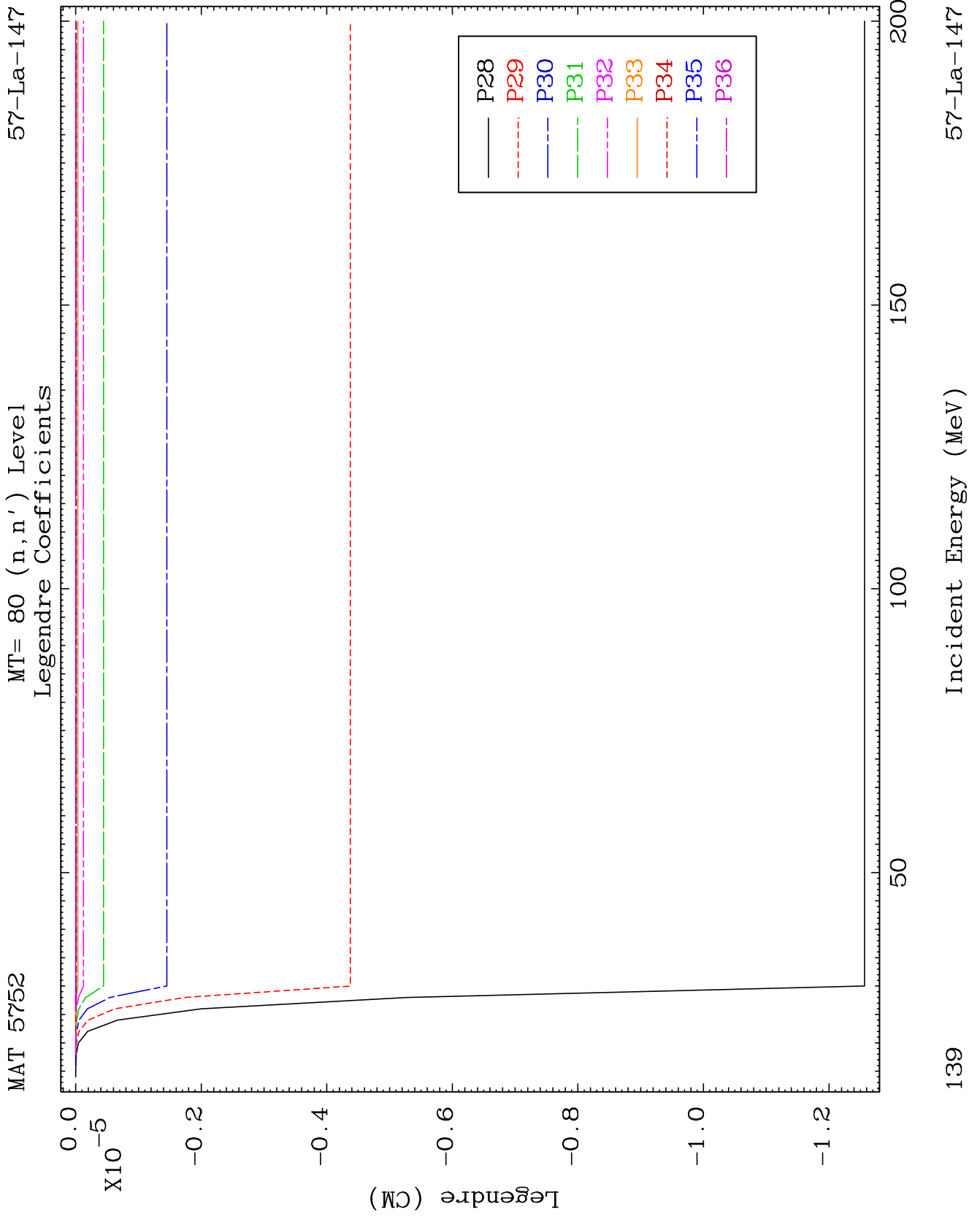


137

Incident Energy (MeV)

57-La-147



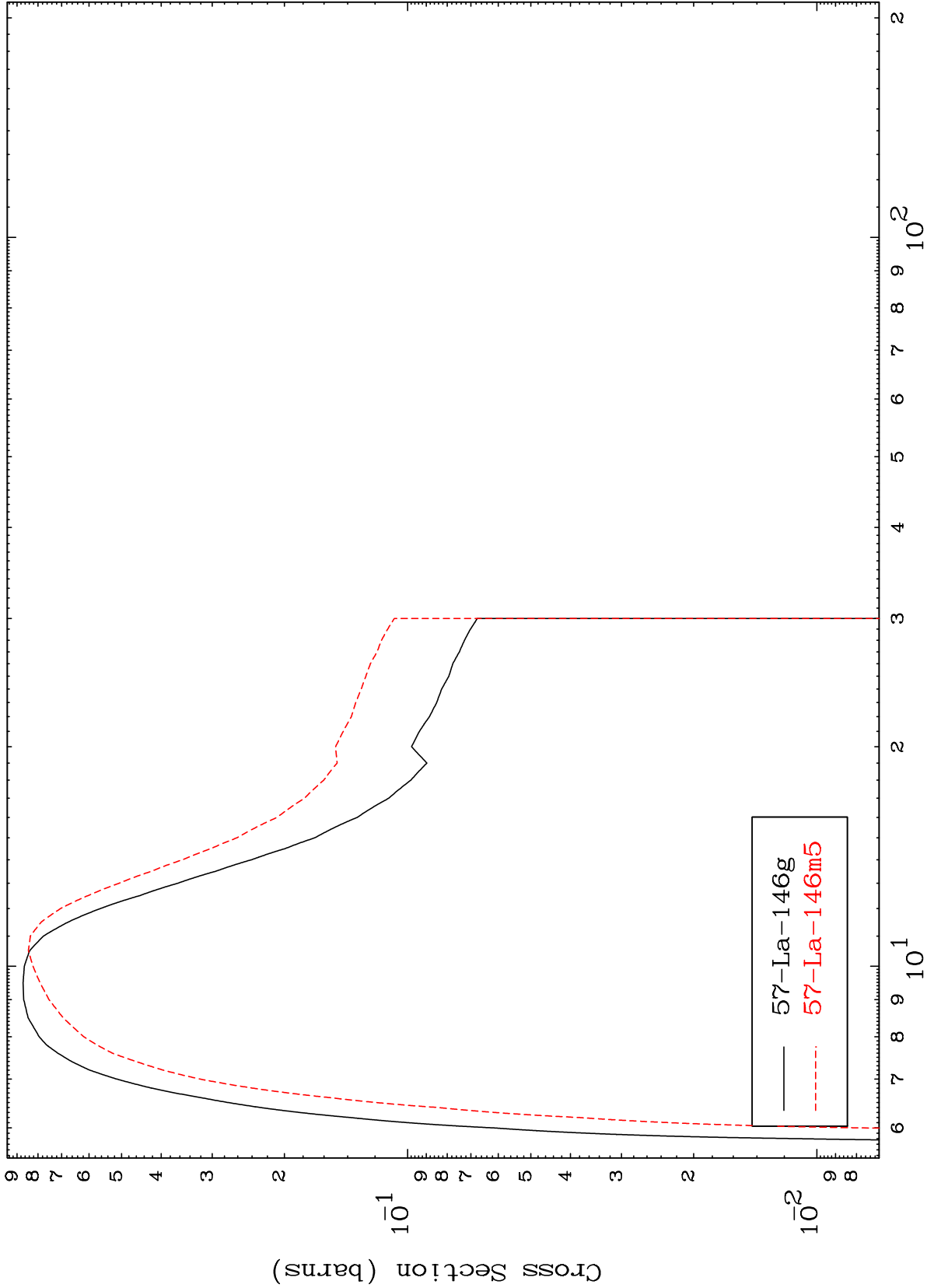


MAT 5752

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Radionuclide Production Cross Section

(n,2n)



57-La-147

Incident Energy (MeV)

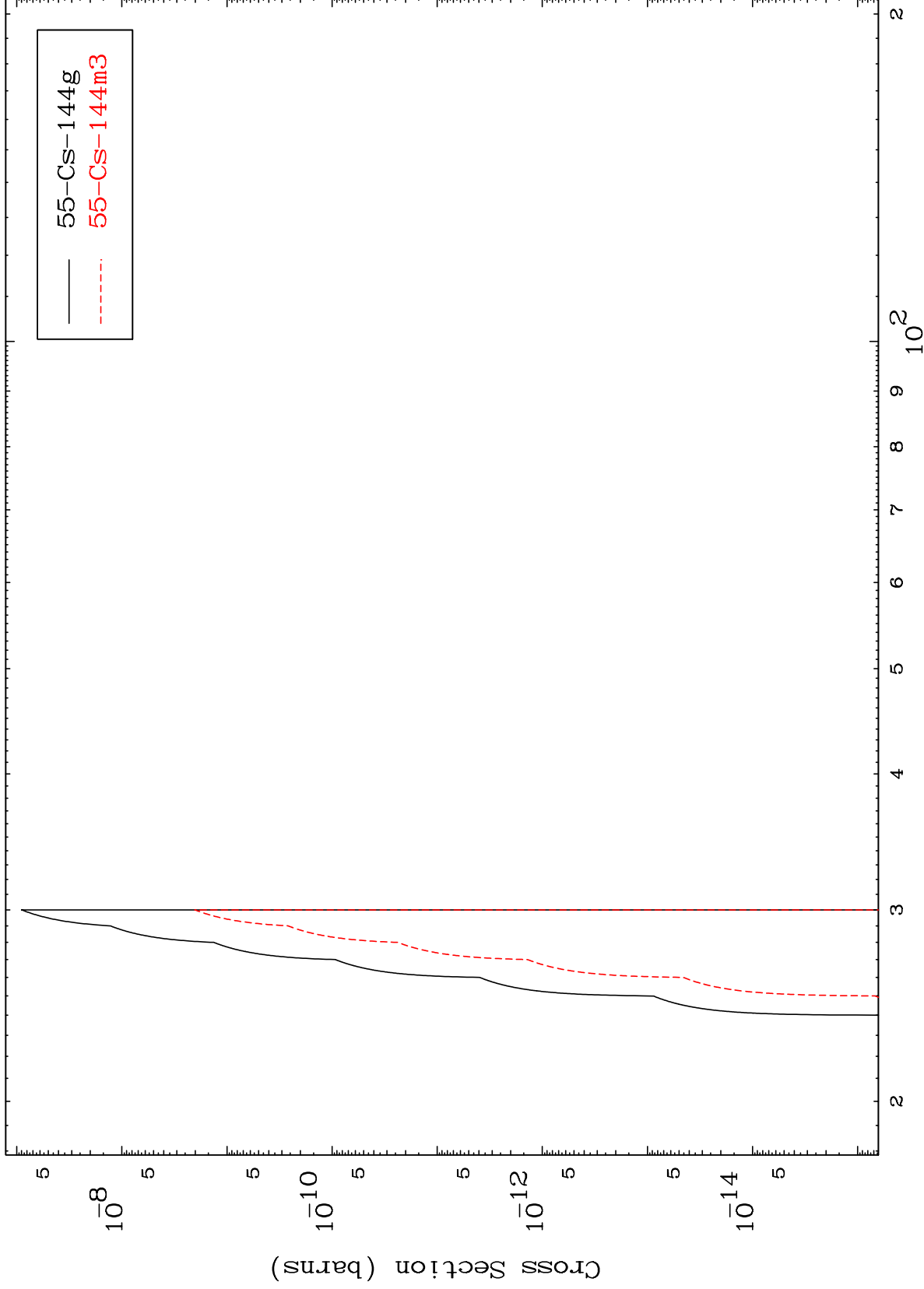
140

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(n,n') He-3

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Radionuclide Production Cross Section



141

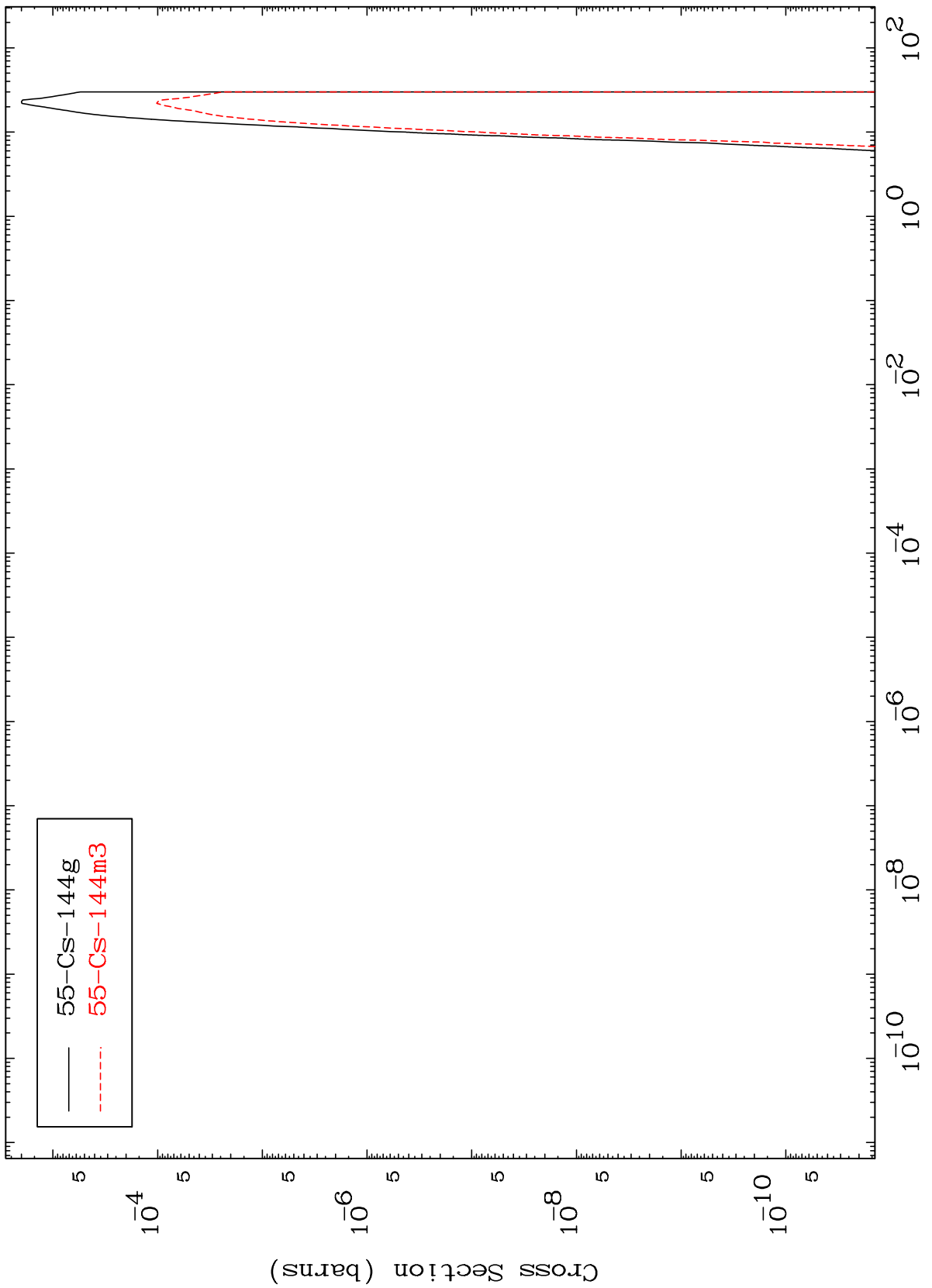
Incident Energy (MeV)

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MAT 5752

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Radionuclide Production Cross Section



57-La-147

Incident Energy (MeV)

142