

Program EVALPLOT
(Version 2021-1)

by

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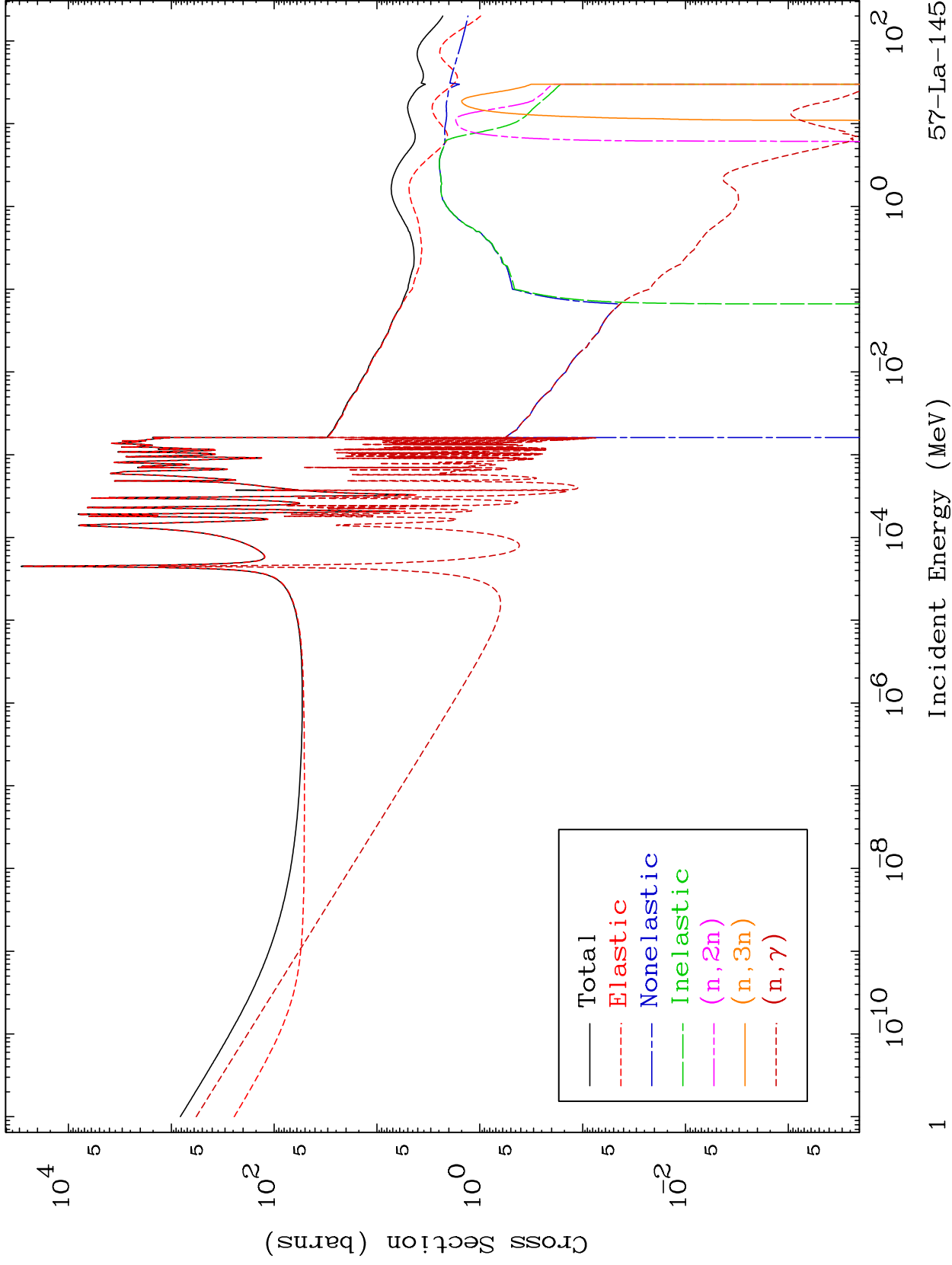
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Press Mouse Button to Start

MAT 5746

Neutron Major
293 Kelvin Cross Sections

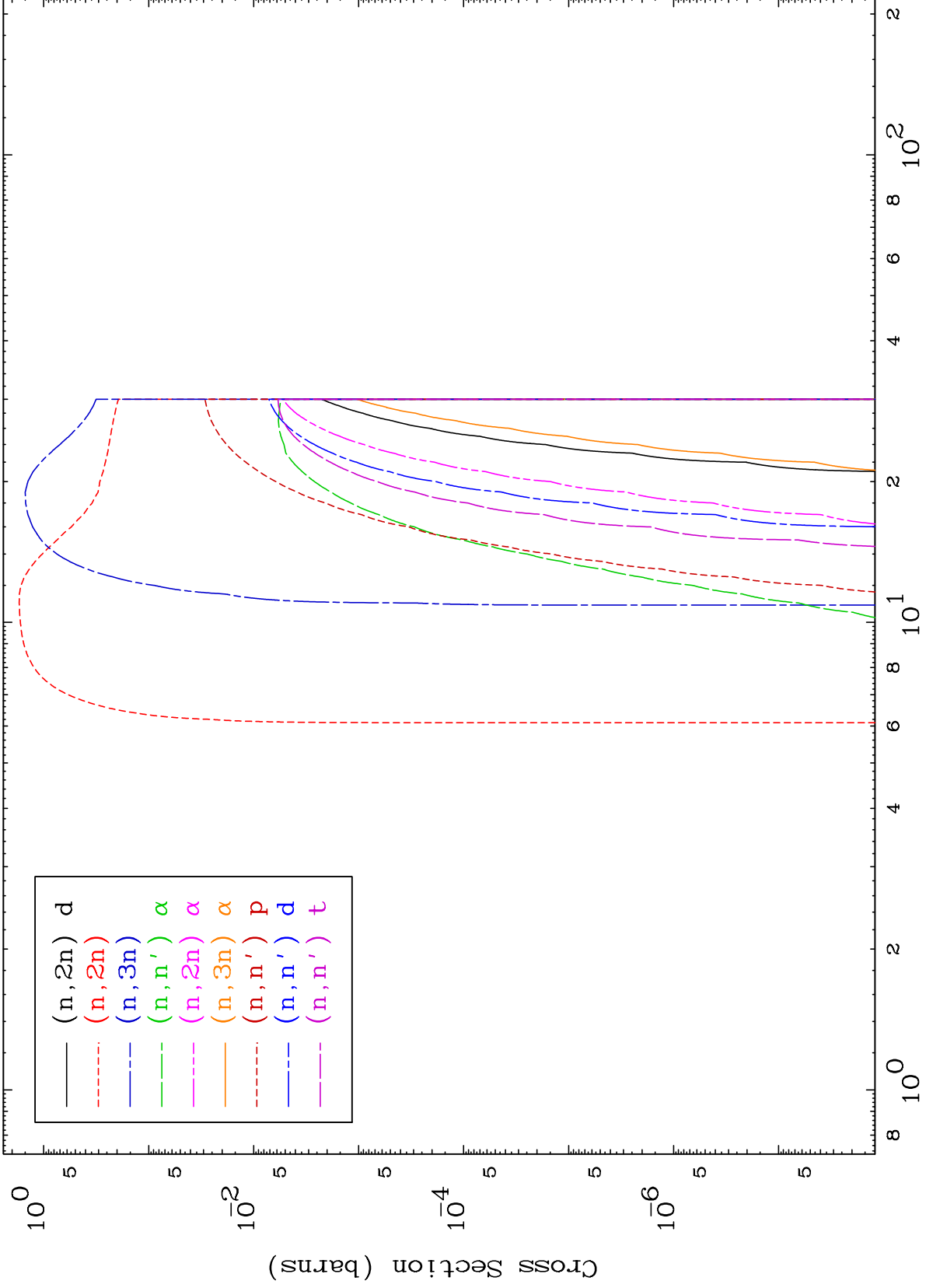
57-La-145



MAT 5746

Neutron Absorption
293 Kelvin Cross Sections

57-La-145



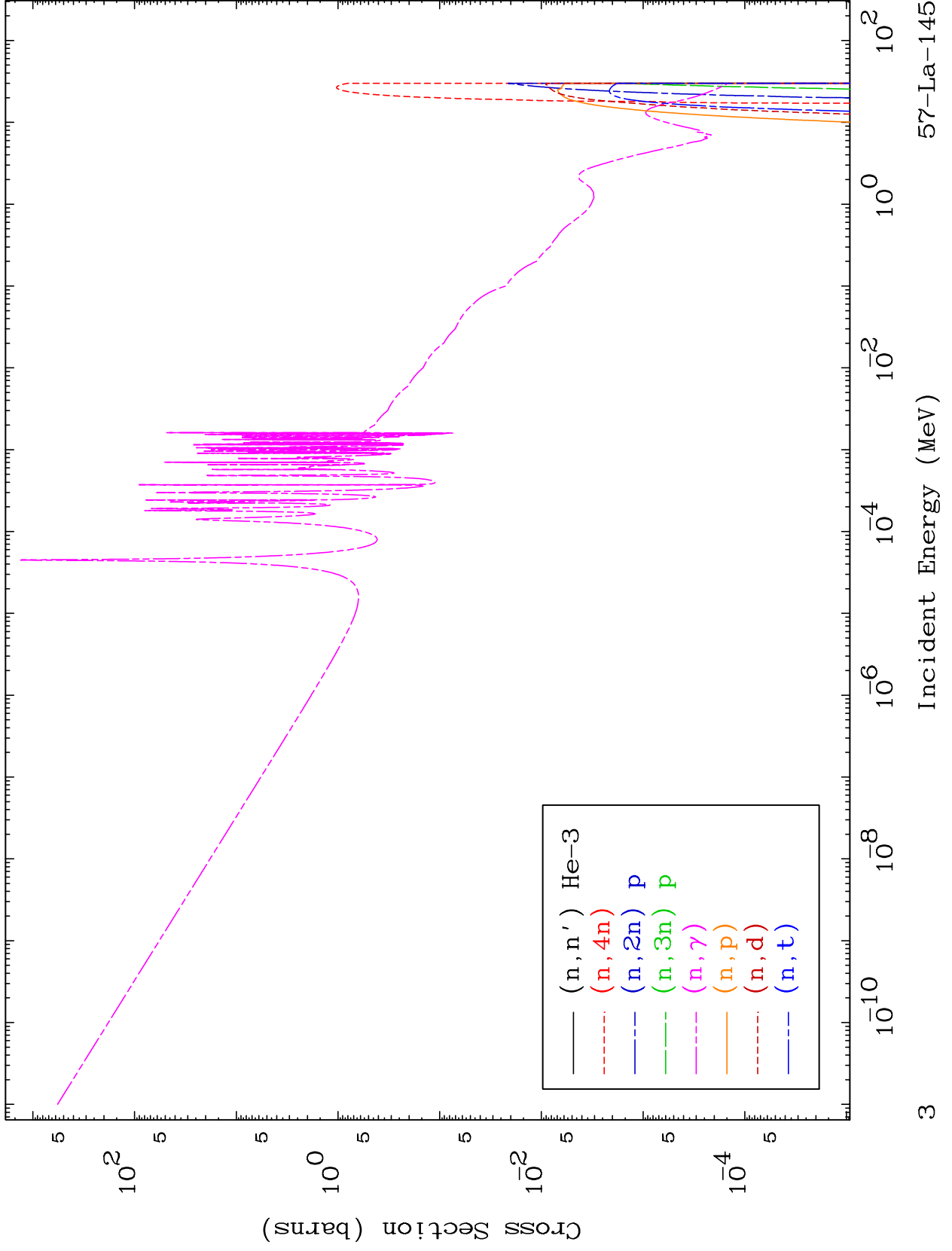
Incident Energy (MeV)

57-La-145

MAT 5746

Neutron Absorption
293 Kelvin Cross Sections

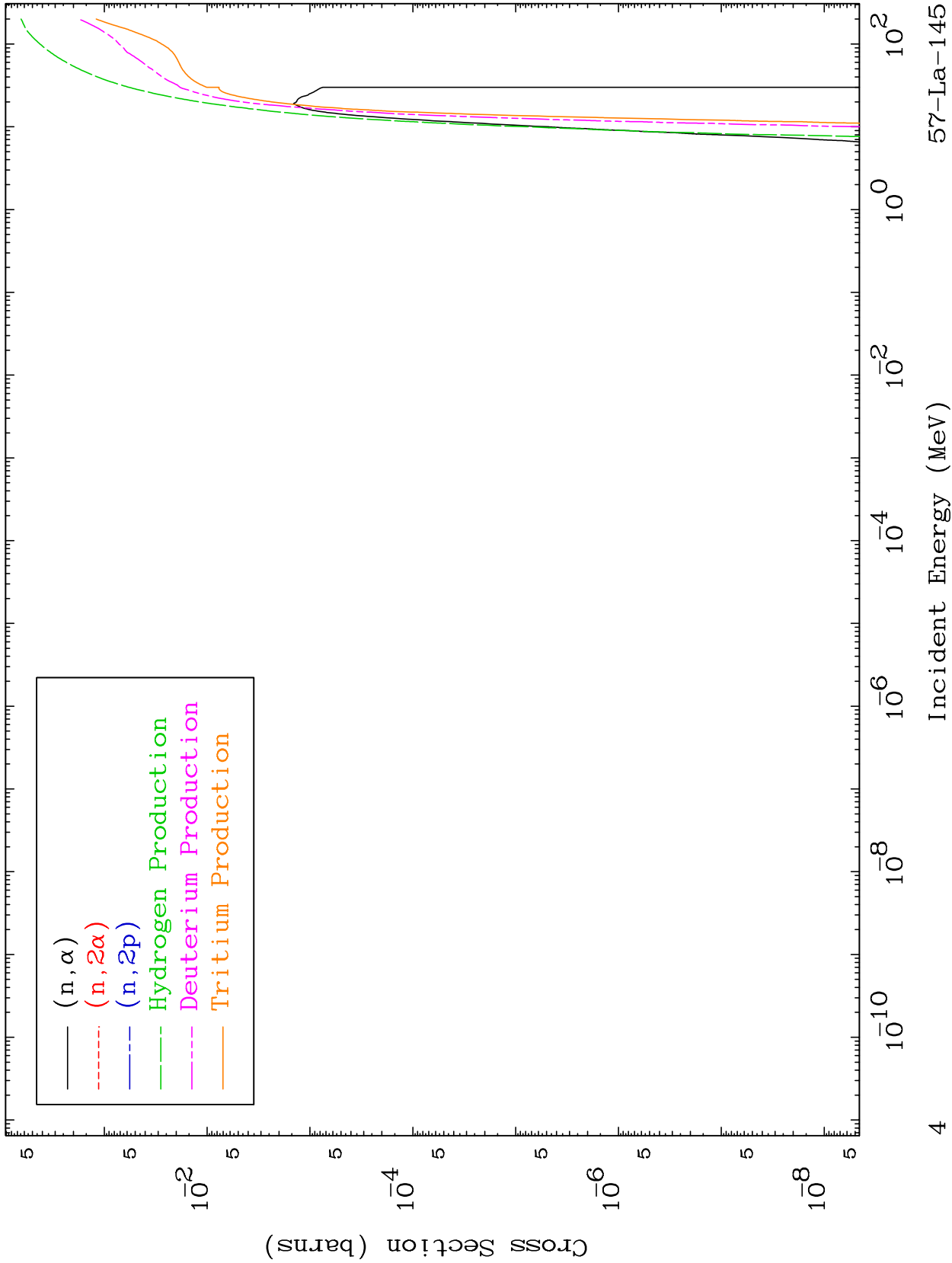
57-La-145



MAT 5746

Neutron Absorption
293 Kelvin Cross Sections

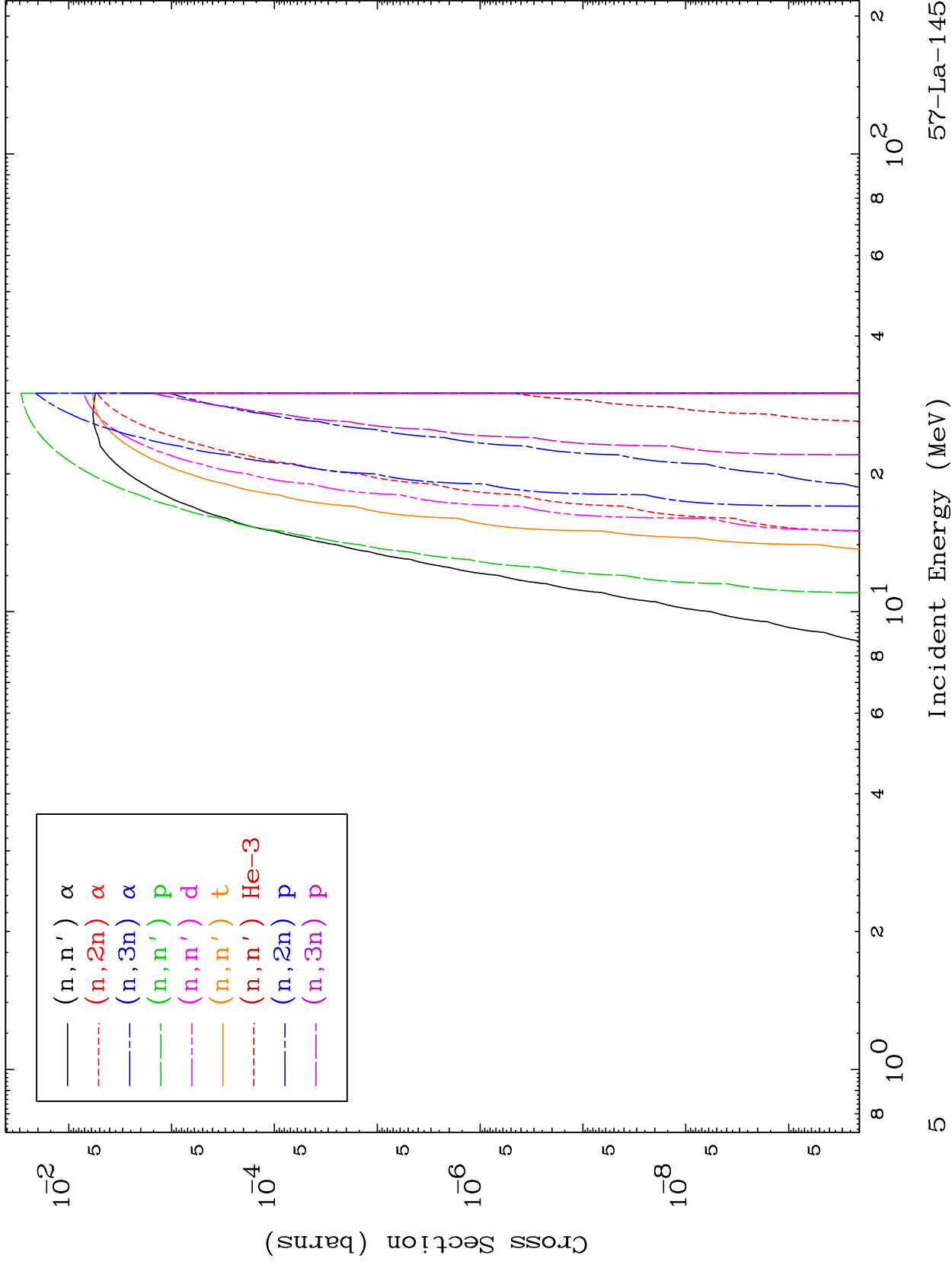
57-La-145



MAT 5746

Charged Particle
293 Kelvin Cross Sections

57-La-145



57-La-145

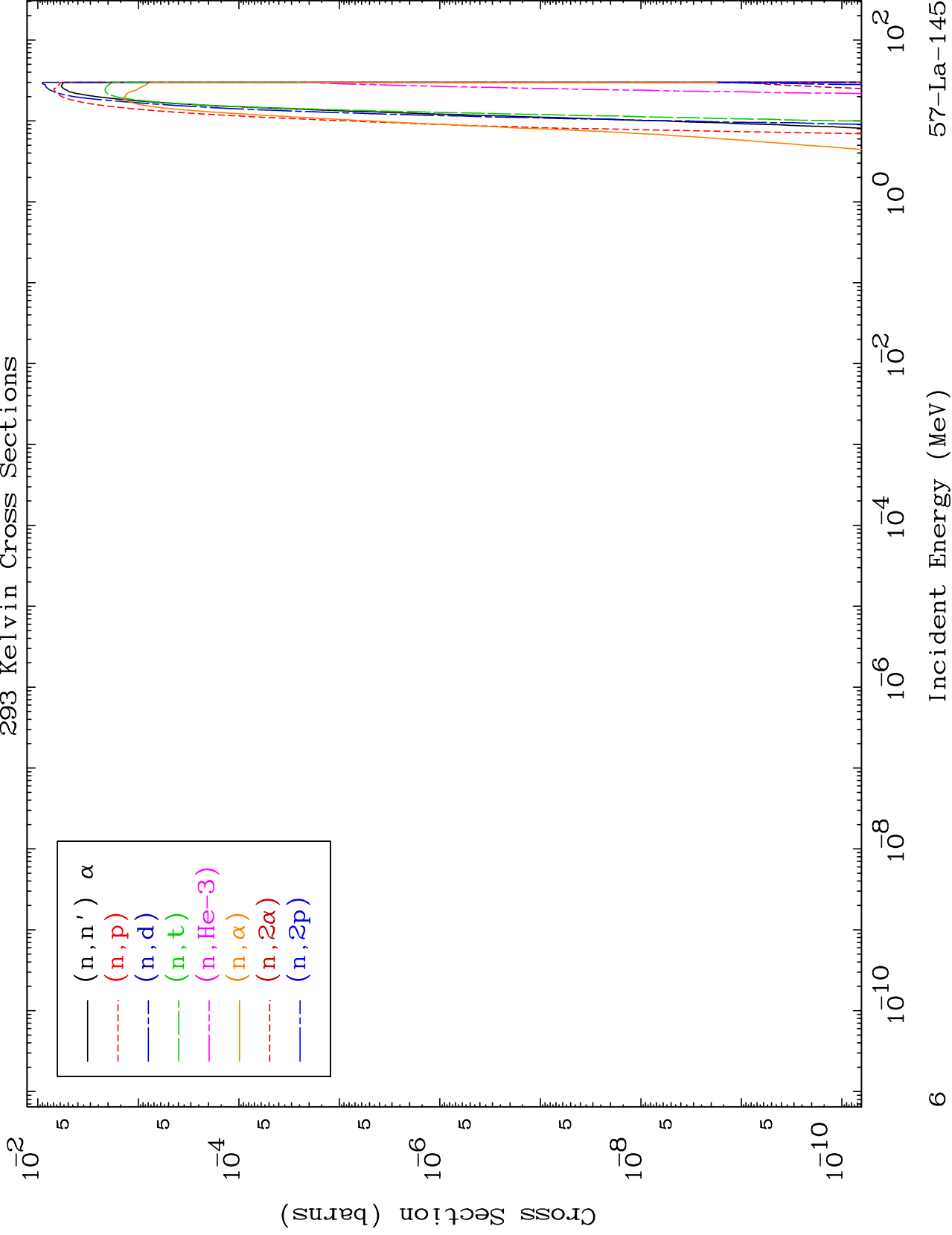
Incident Energy (MeV)

5

MAT 5746

Charged Particle
293 Kelvin Cross Sections

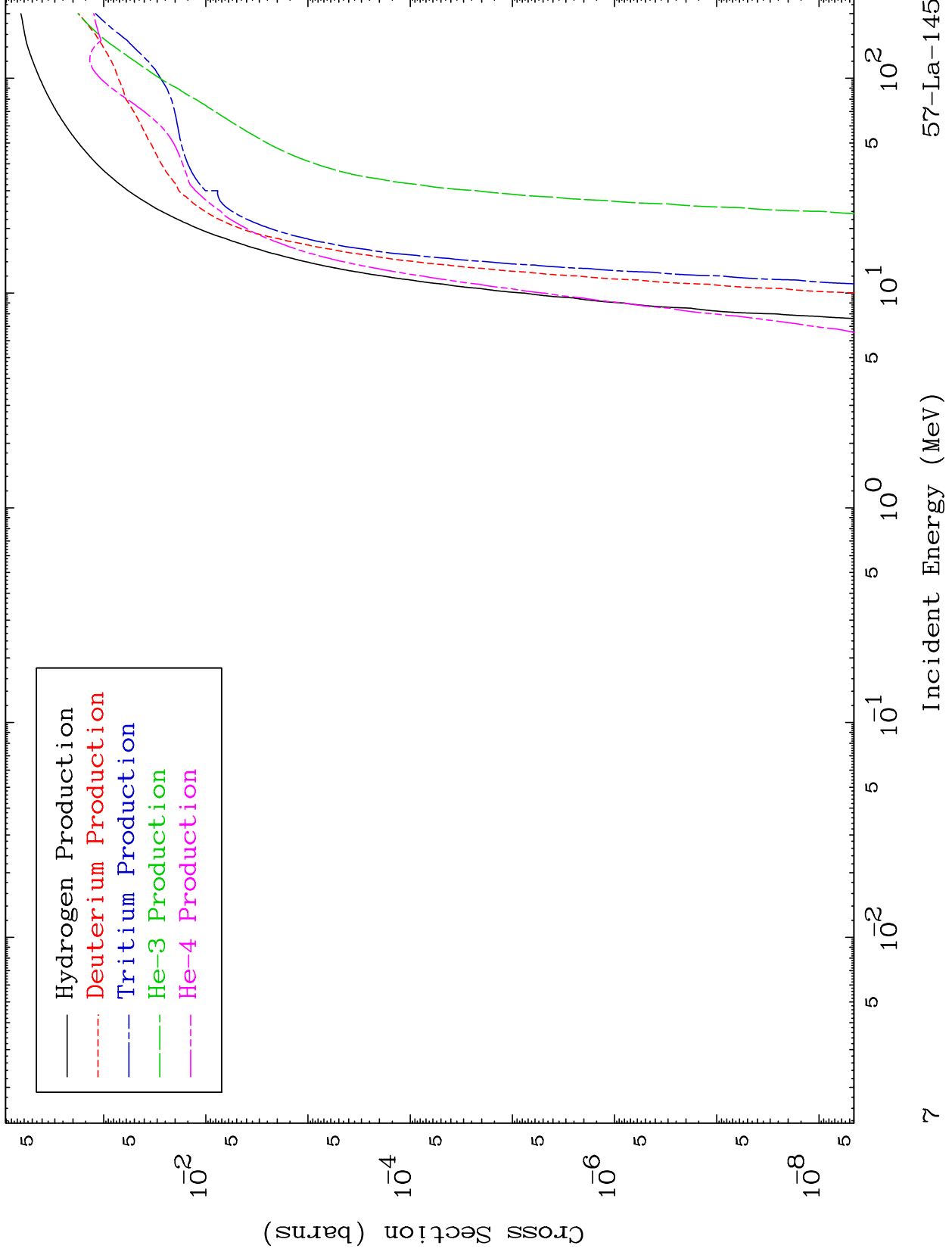
57-La-145



MAT 5746

Particle Production
293 Kelvin Cross Sections

57-La-145

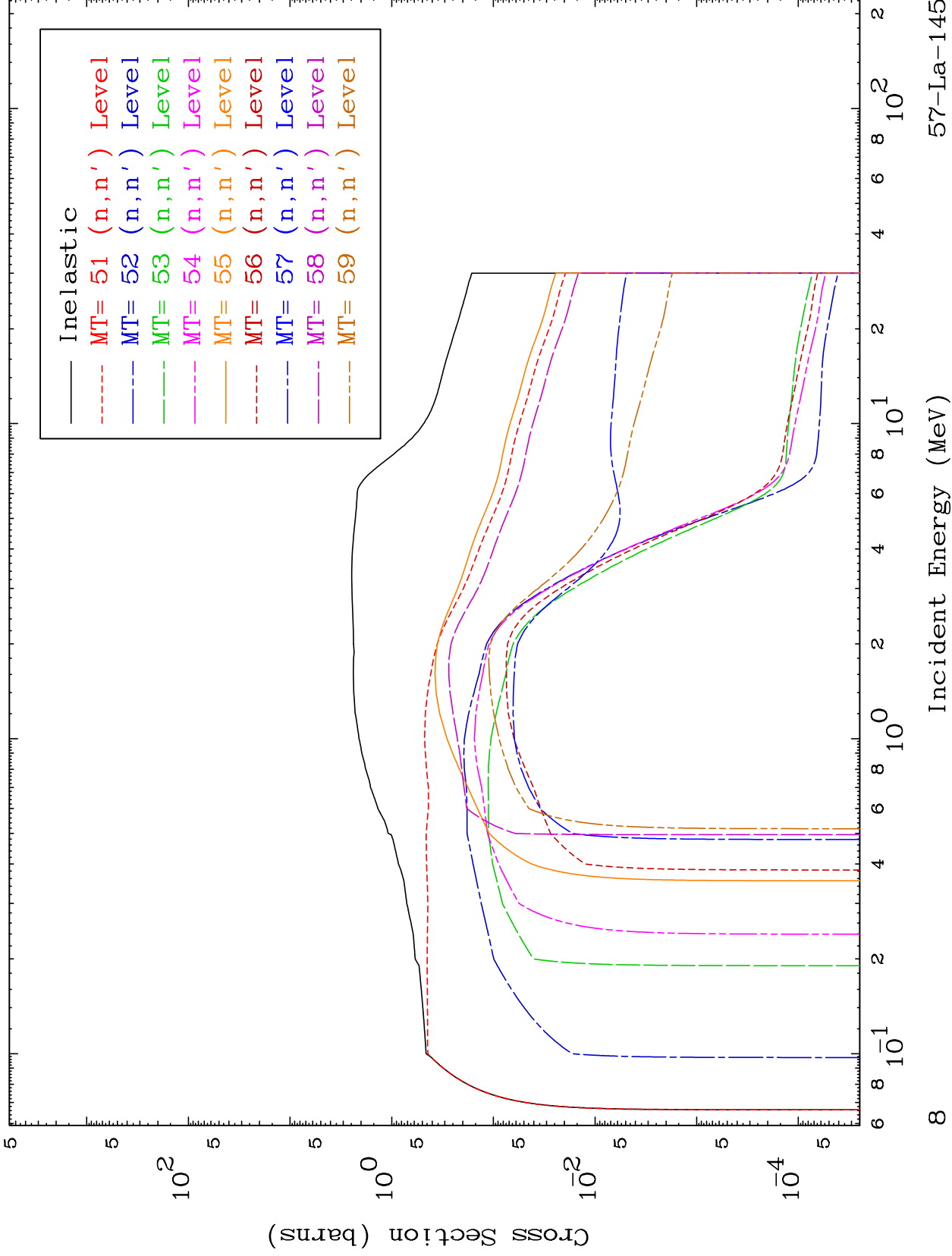


MAT 5746

(n,n') Levels

57-La-145

293 Kelvin Cross Sections



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Incident Energy (MeV)

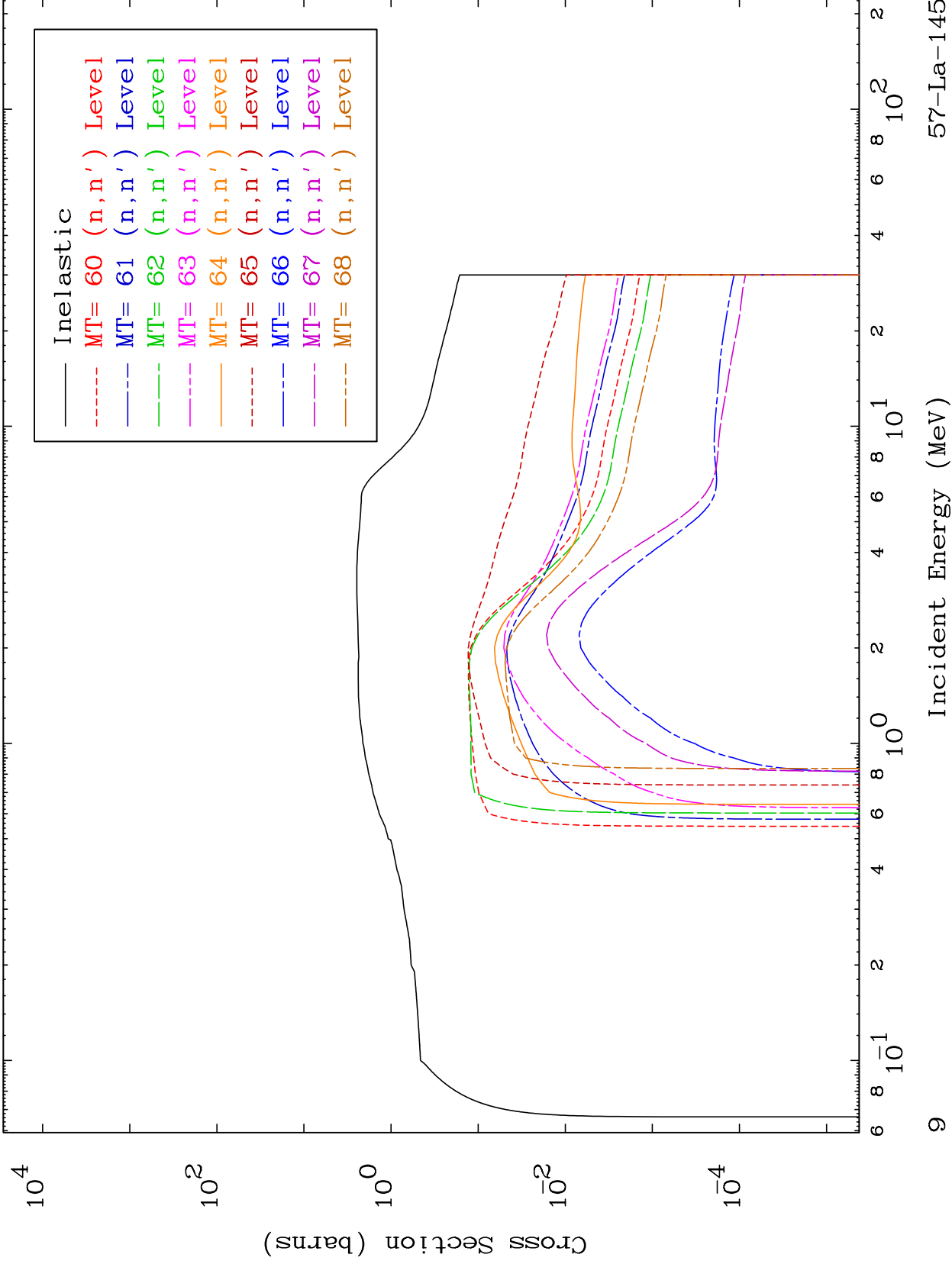
57-La-145

MAT 5746

(n,n') Levels

57-La-145

293 Kelvin Cross Sections



9

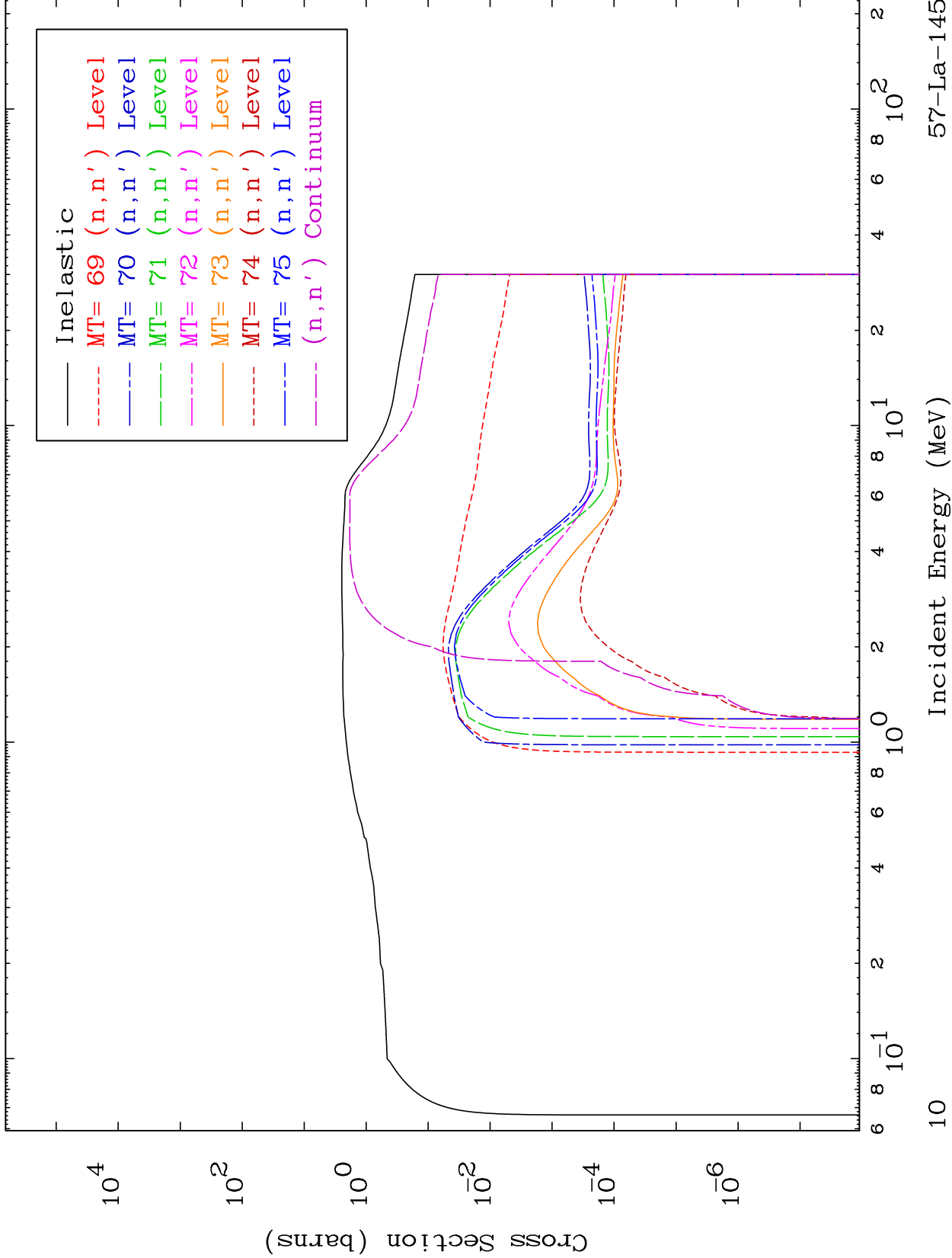
Incident Energy (MeV)

57-La-145

MAT 5746

(n,n') Levels
293 Kelvin Cross Sections

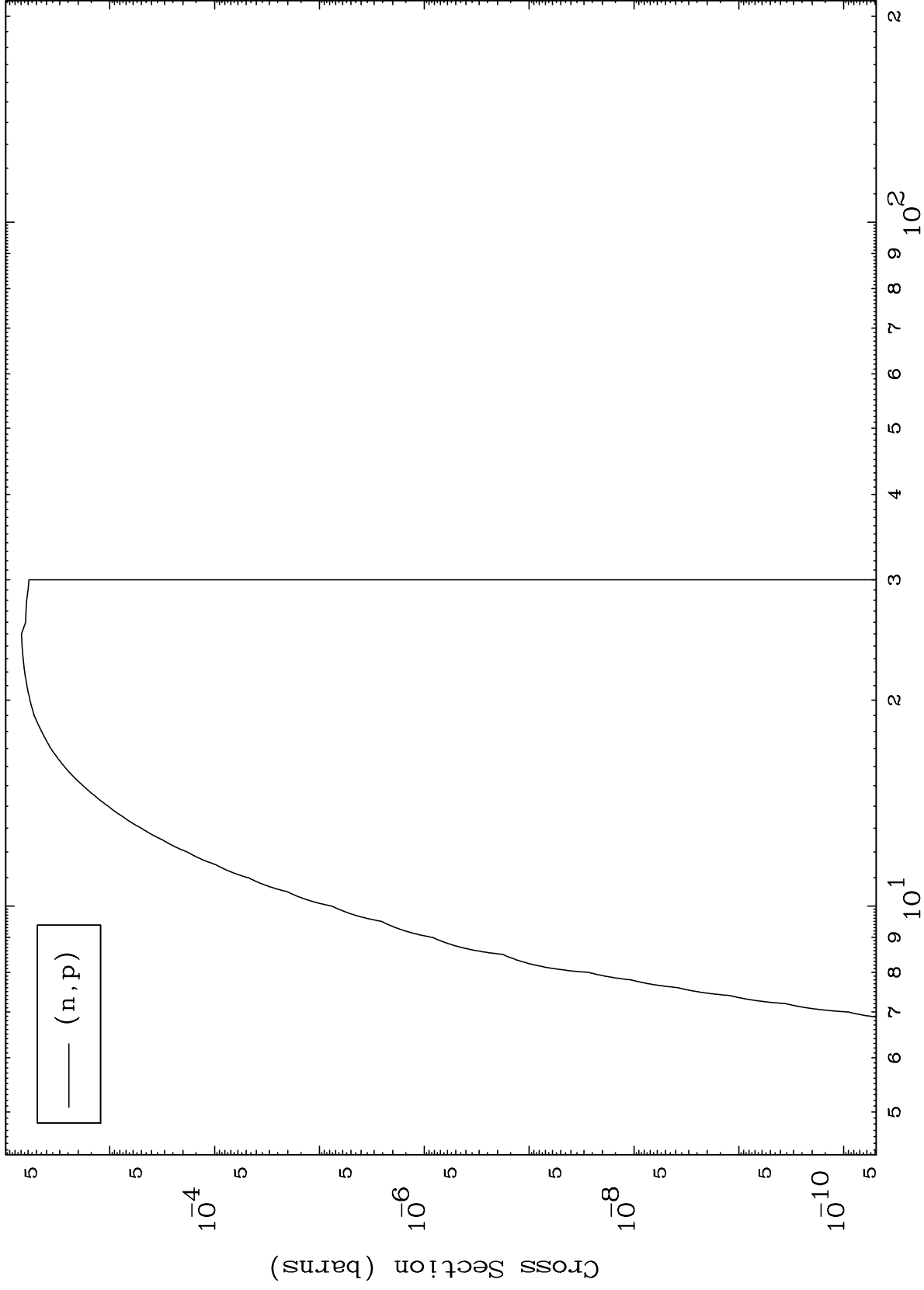
57-La-145



MAT 5746

(n,p) Levels
293 Kelvin Cross Sections

57-La-145



11

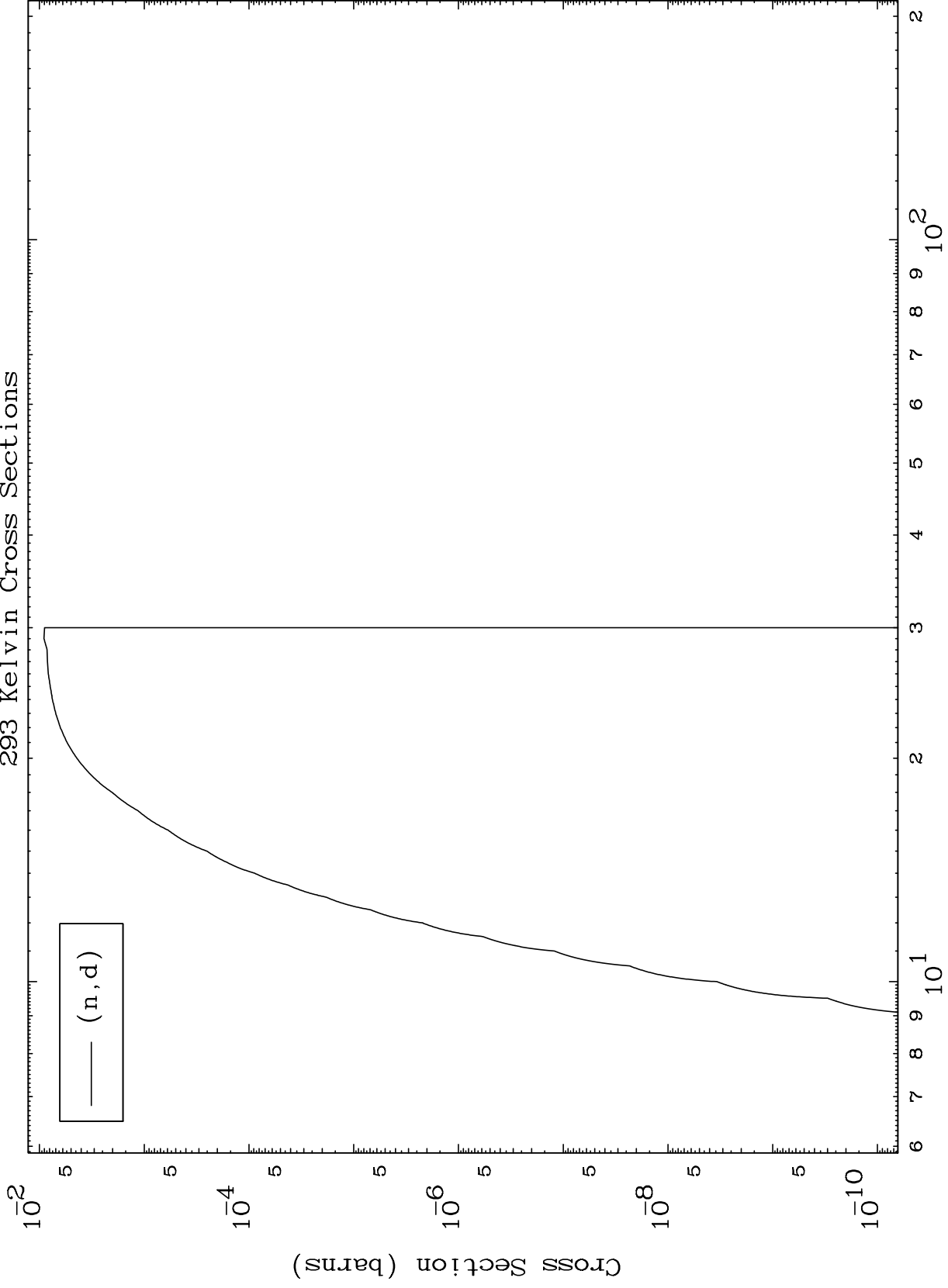
Incident Energy (MeV)

57-La-145

MAT 5746

(n,d) Levels
293 Kelvin Cross Sections

57-La-145



12

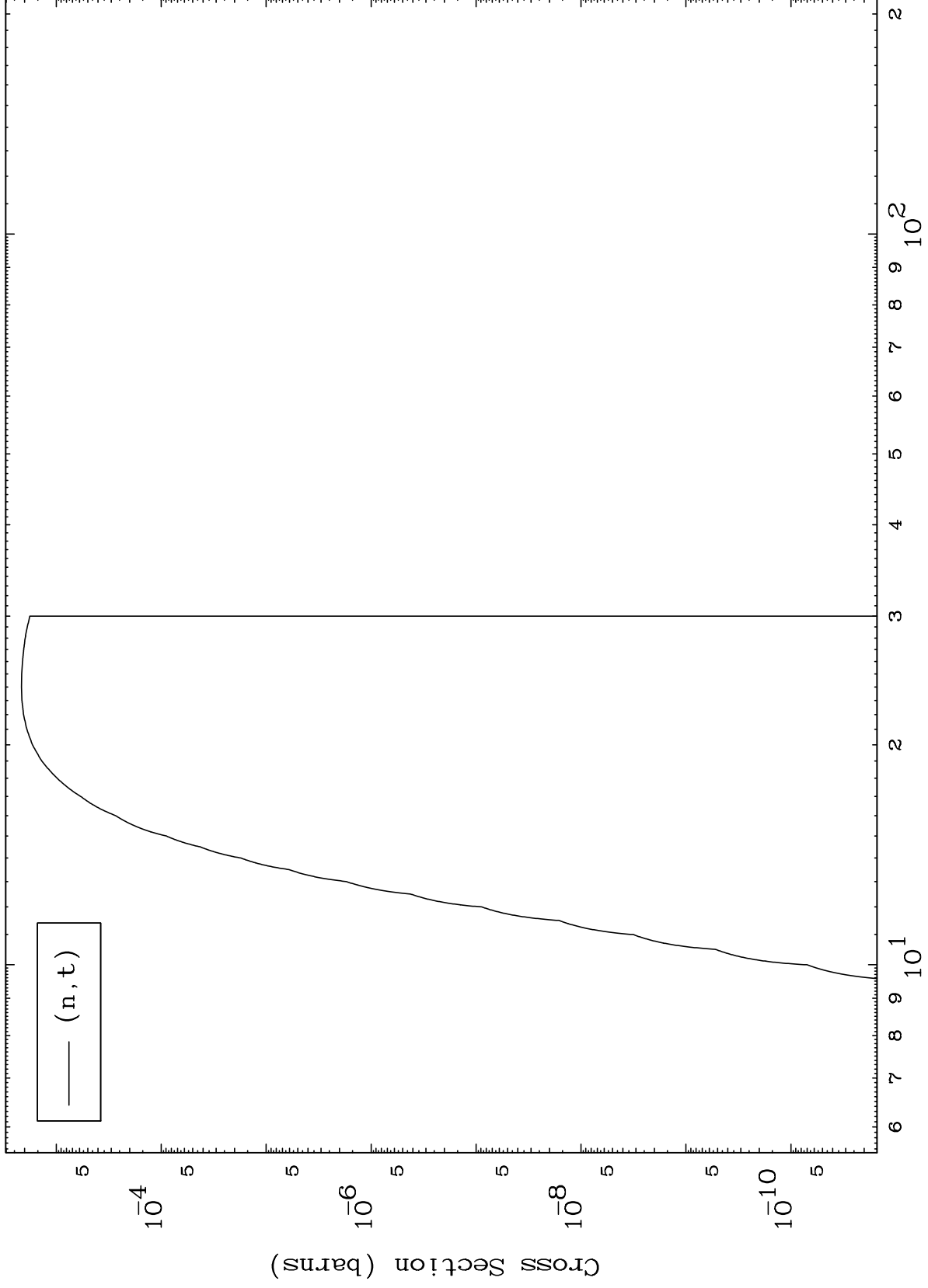
Incident Energy (MeV)

57-La-145

MAT 5746

(n, t) Levels
293 Kelvin Cross Sections

57-La-145



13

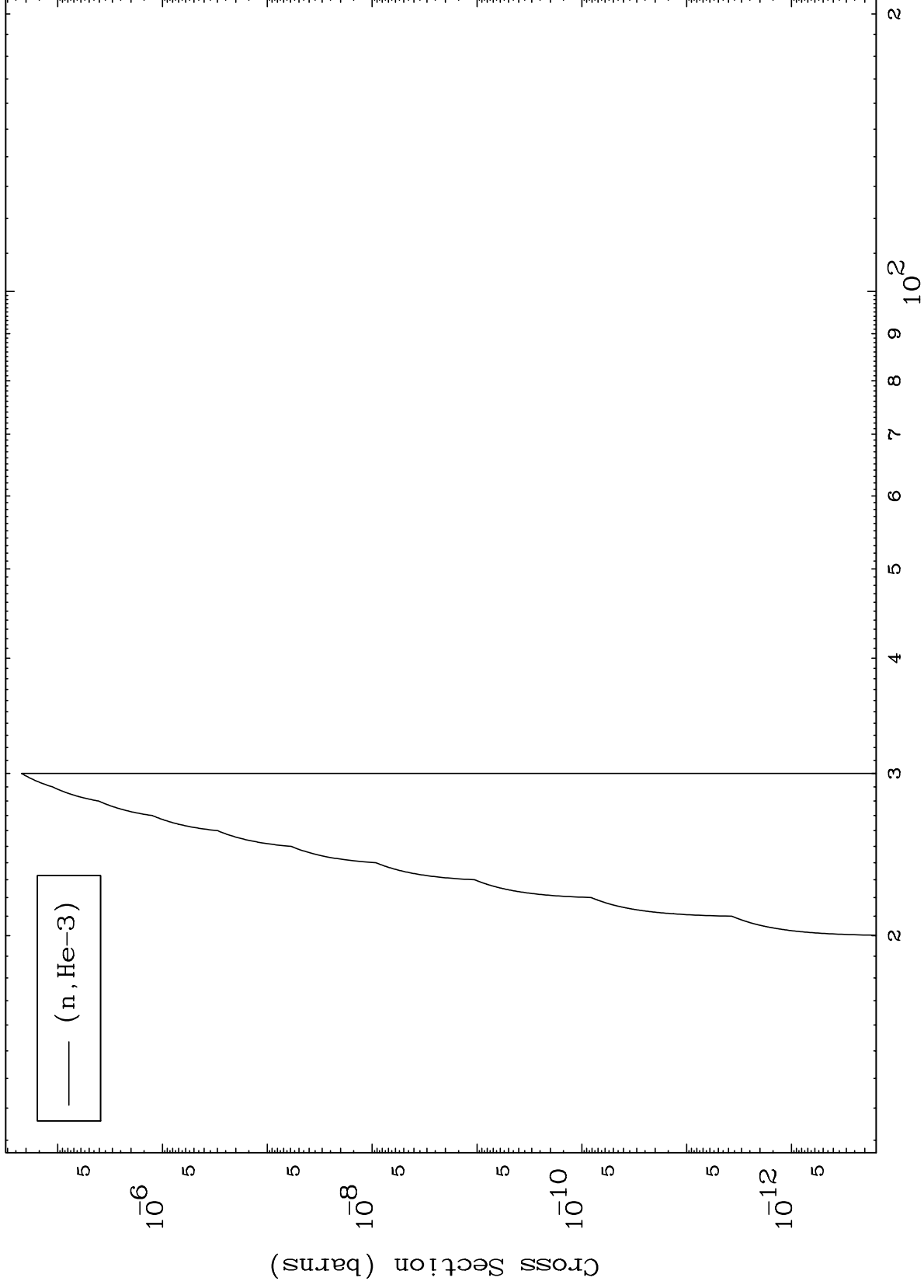
Incident Energy (MeV)

57-La-145

MAT 5746

(n,He3) Levels
293 Kelvin Cross Sections

57-La-145



14

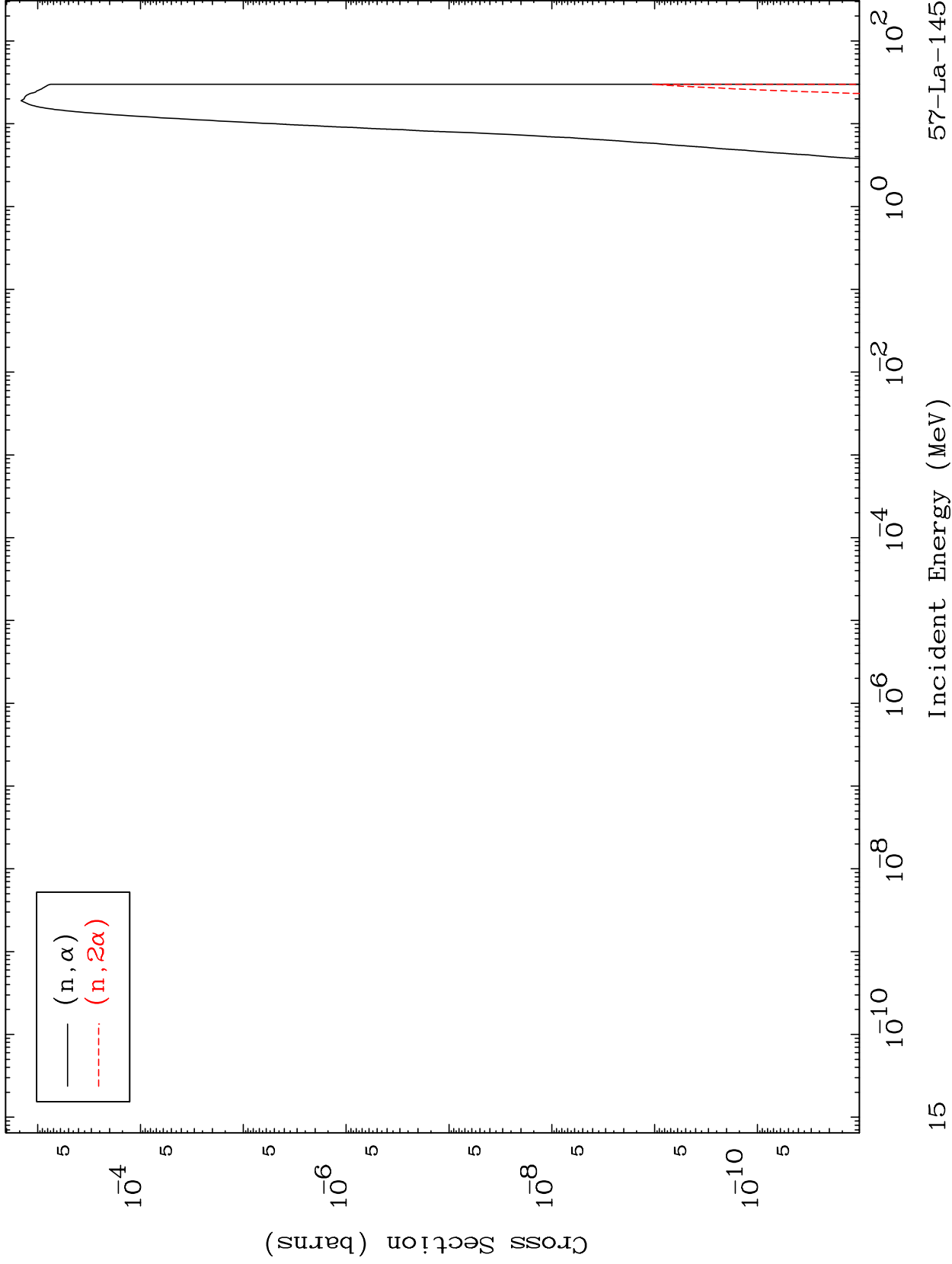
Incident Energy (MeV)

57-La-145

MAT 5746

(n, α) Levels
293 Kelvin Cross Sections

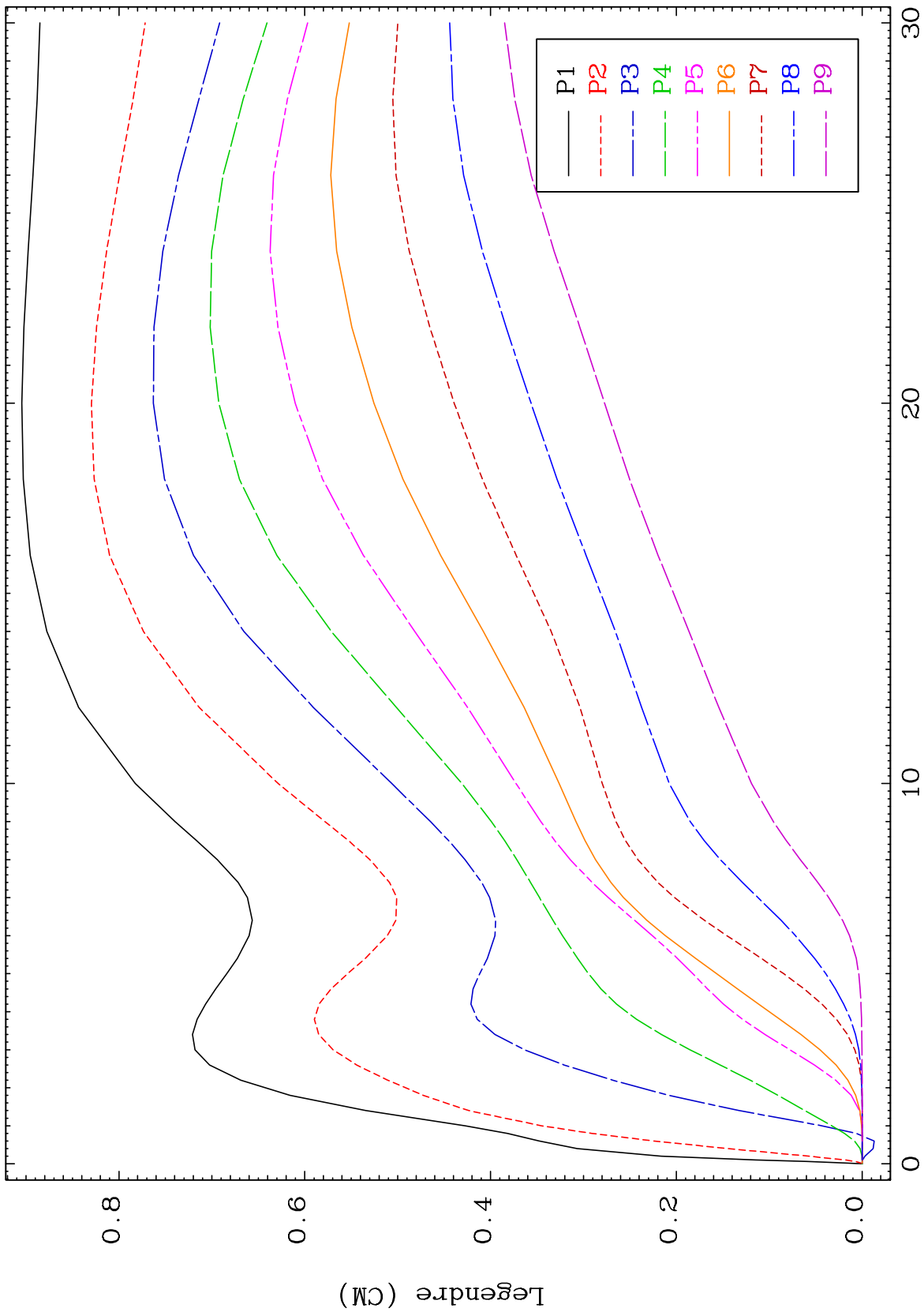
57-La-145



MAT 5746

57-La-145

Elastic Legendre Coefficients



57-La-145

Incident Energy (MeV)

16

MAT 5746

Elastic Legendre Coefficients

57-La-145



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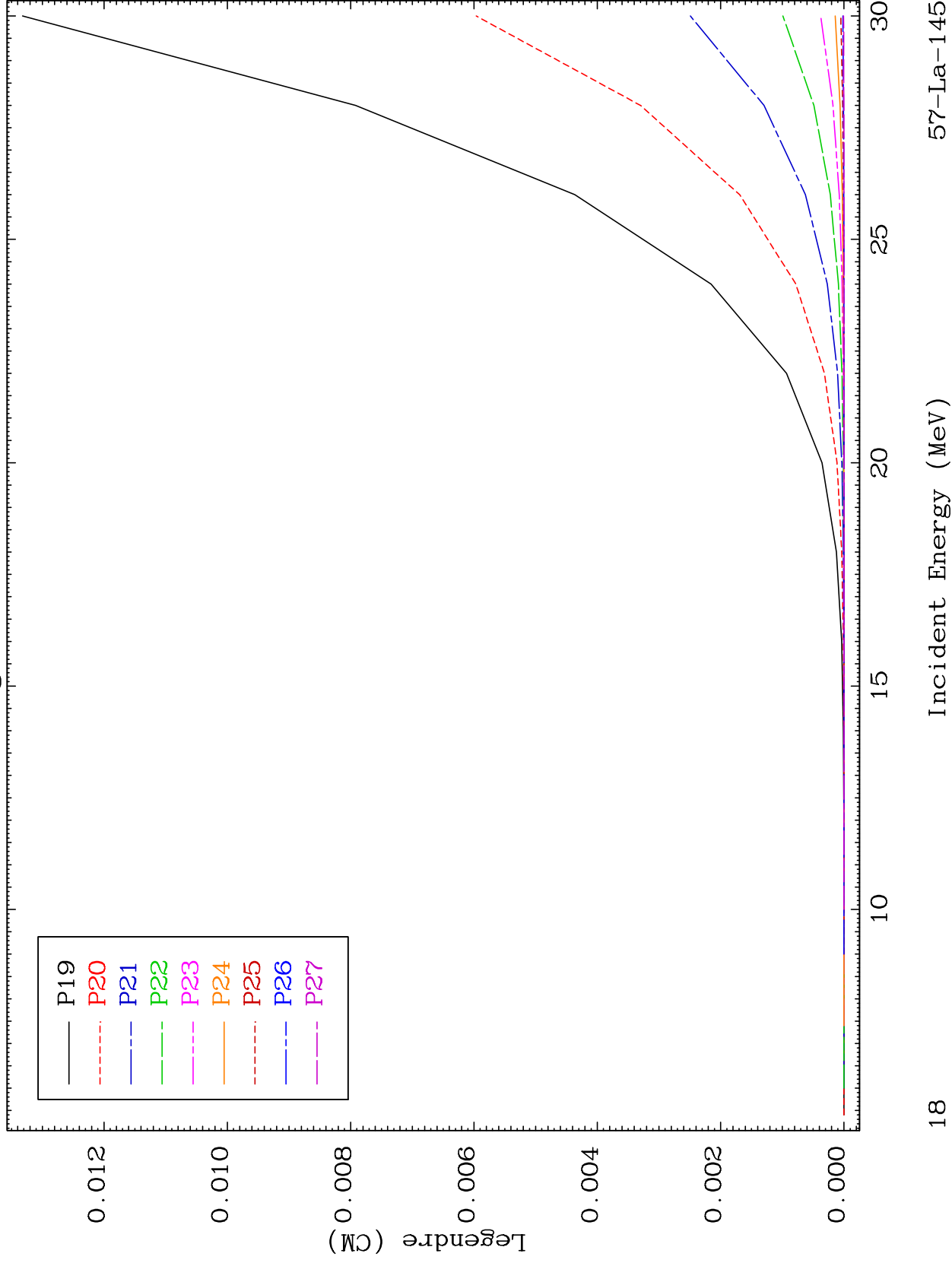
57-La-145

Incident Energy (MeV)

MAT 5746

Elastic Legendre Coefficients

57-La-145



18

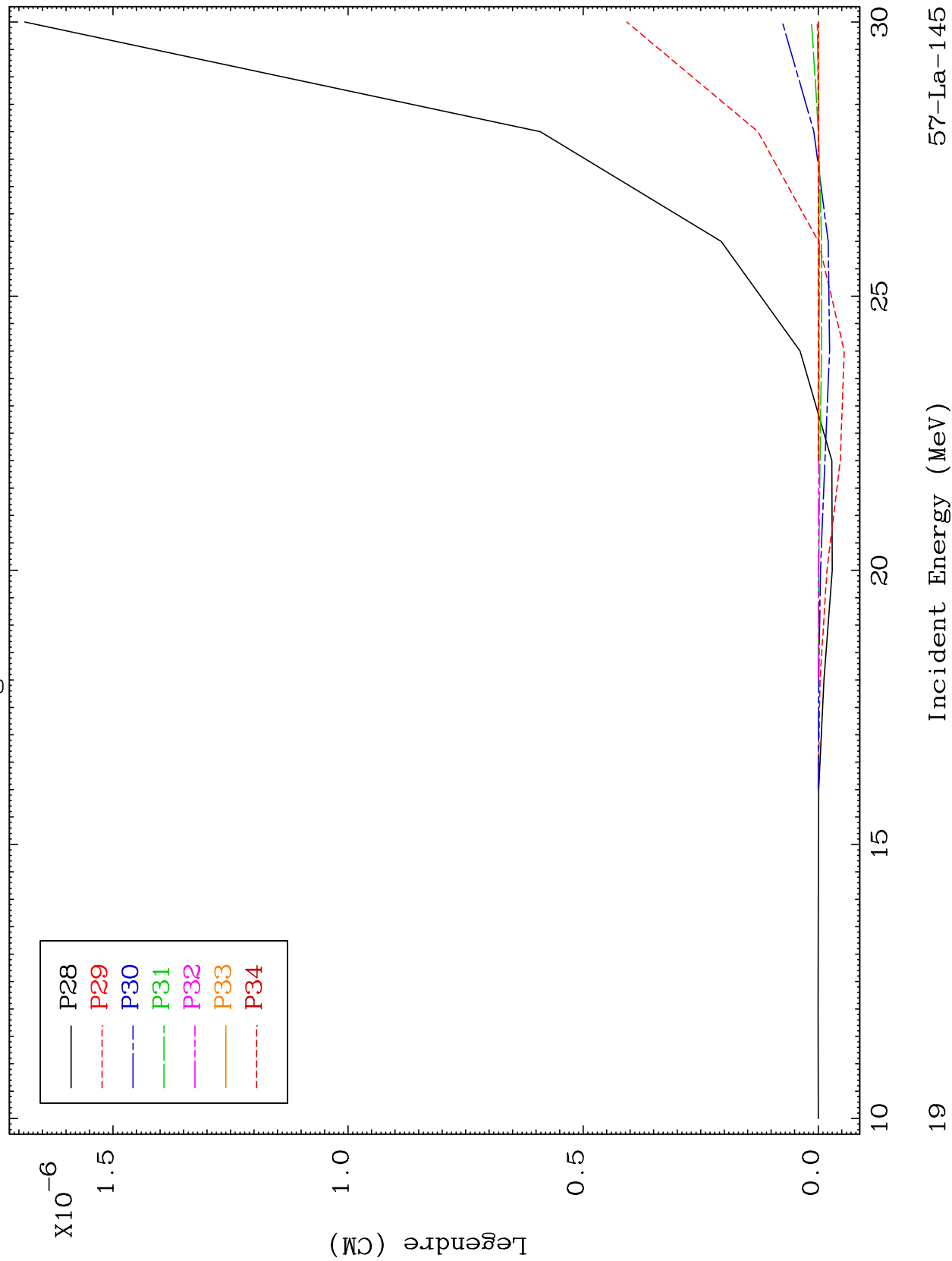
Incident Energy (MeV)

57-La-145

MAT 5746

Elastic
Legendre Coefficients

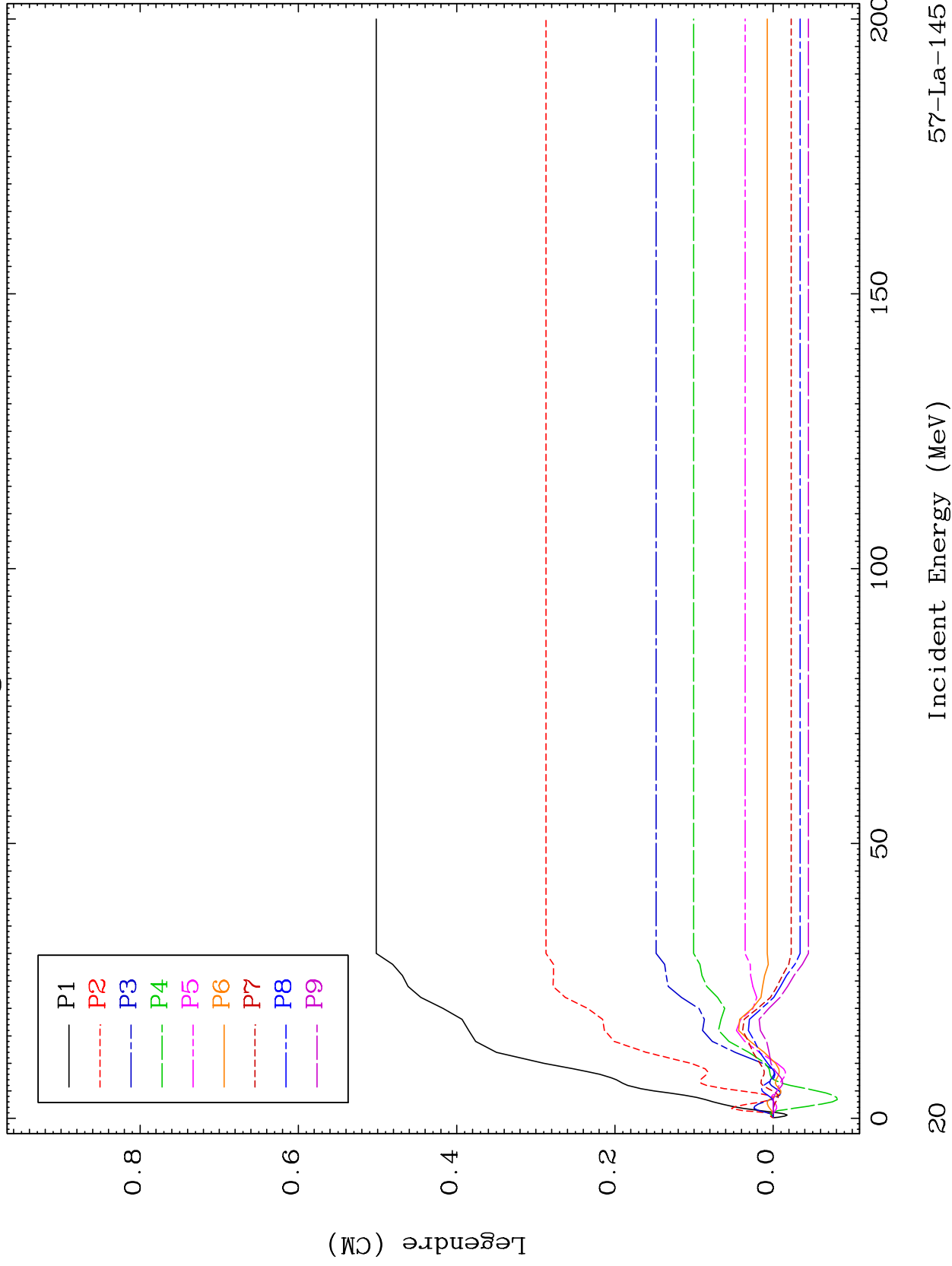
57-La-145



MAT 5746

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

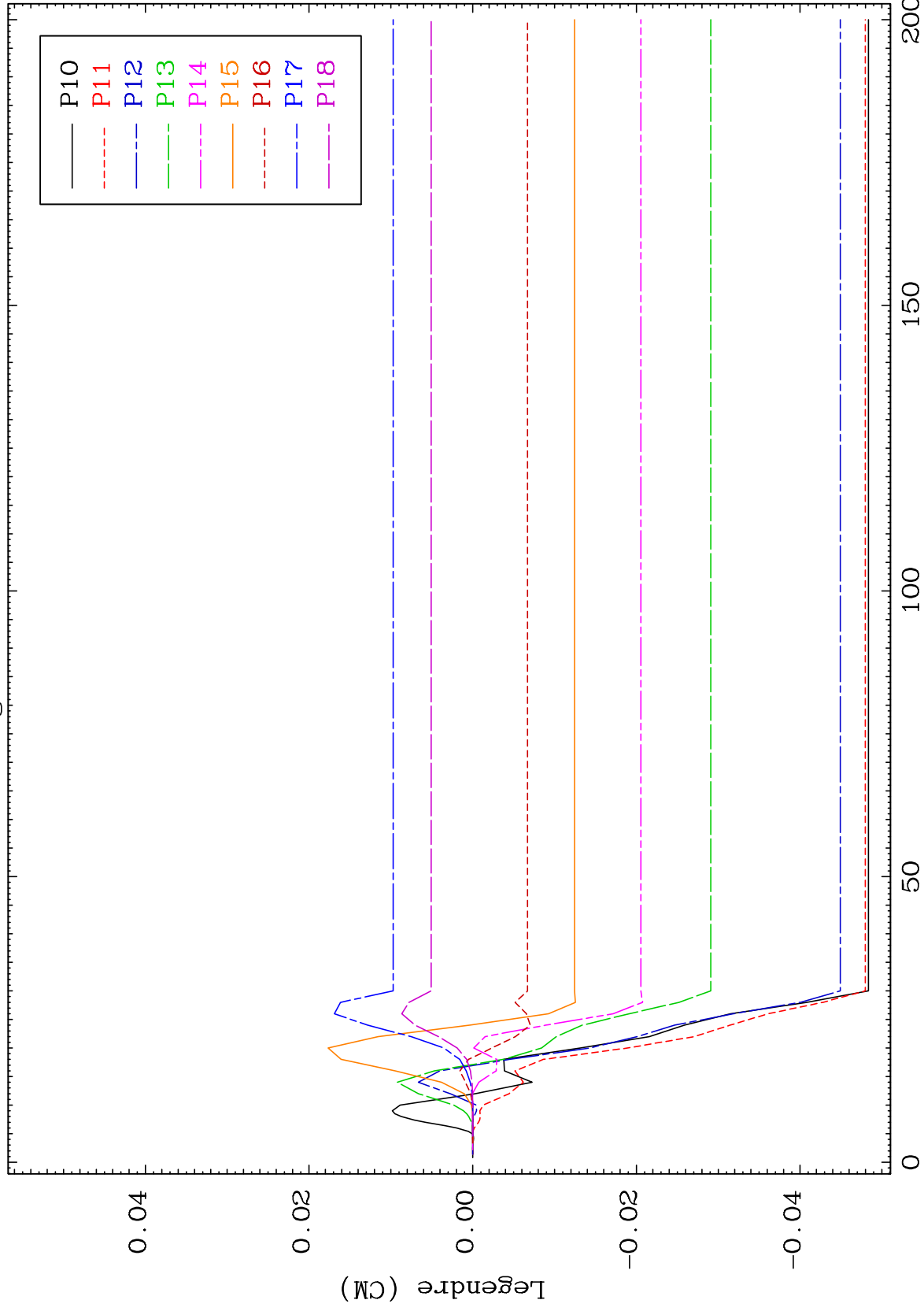
57-La-145



MAT 5746

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

57-La-145



21

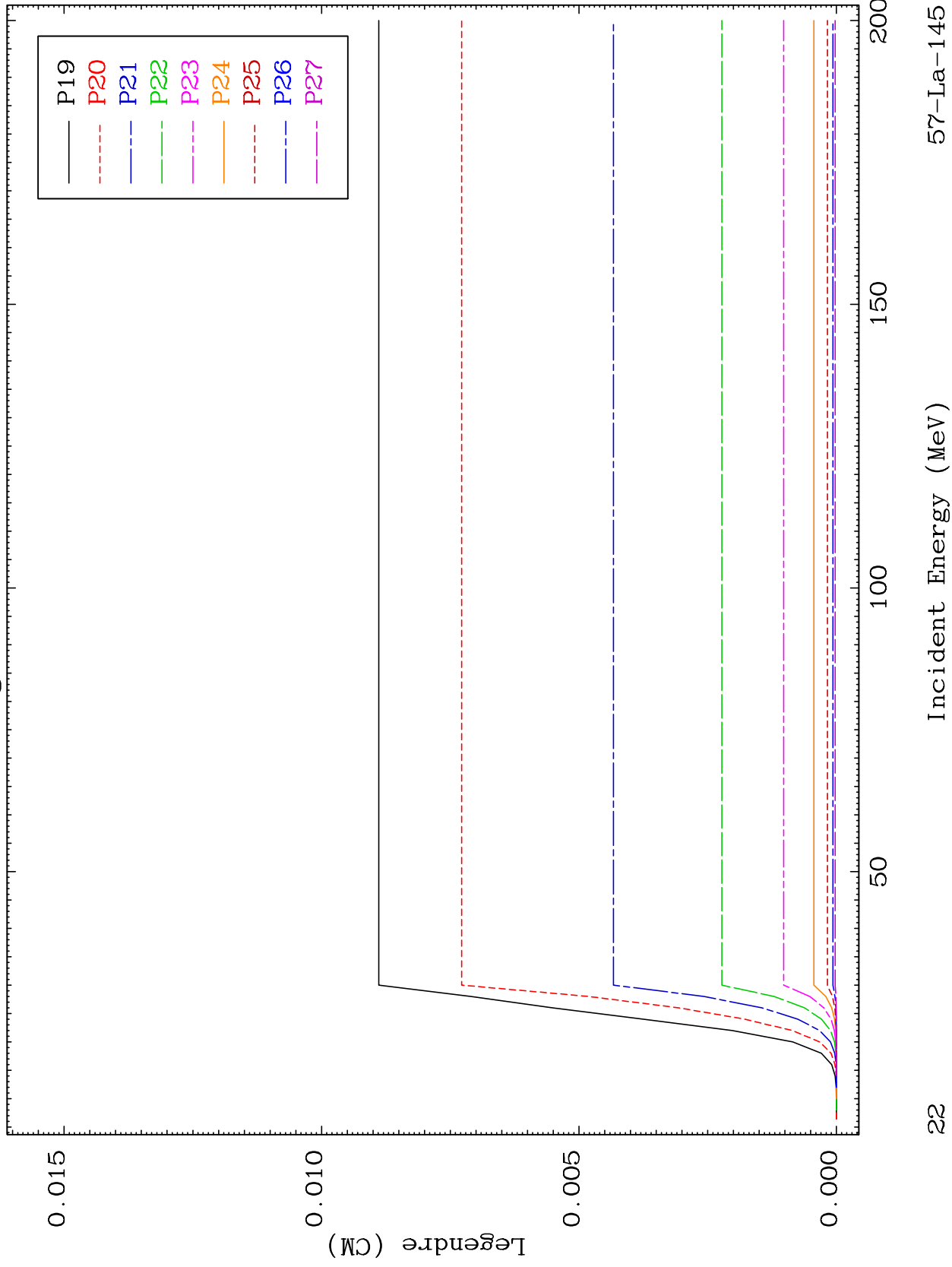
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



22

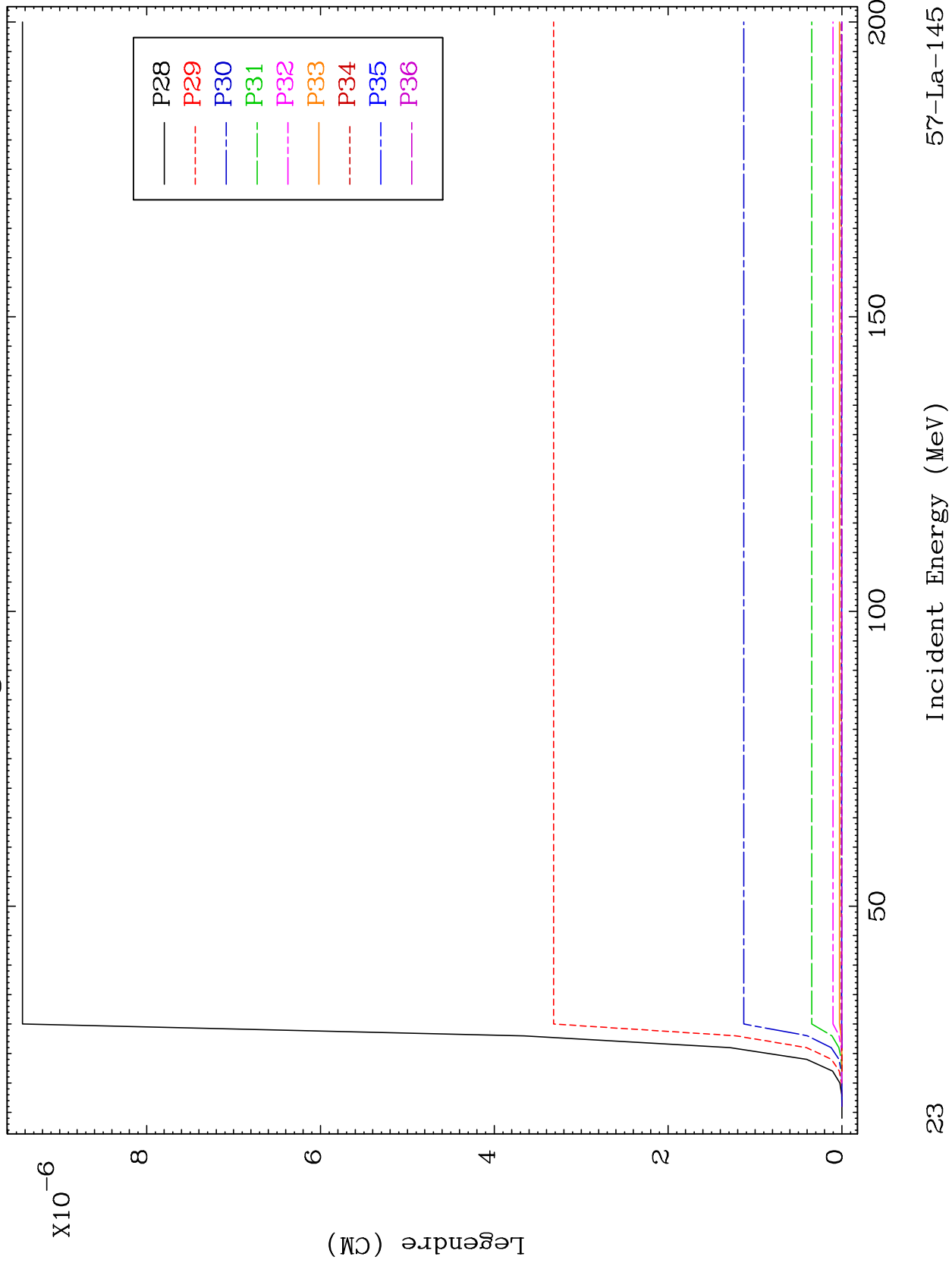
Incident Energy (MeV)

57-La-145

MAT 5746

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

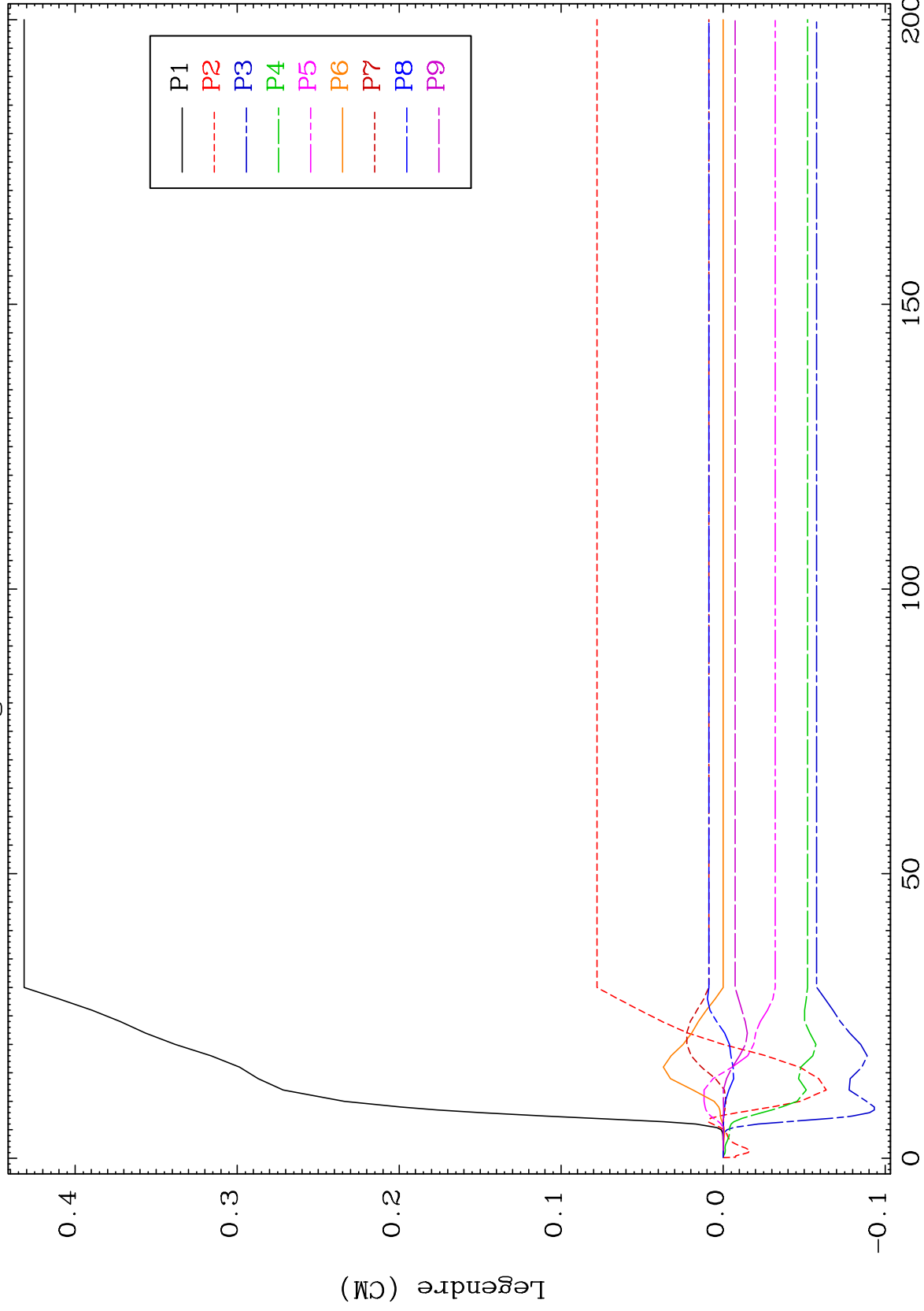
57-La-145



MAT 5746

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

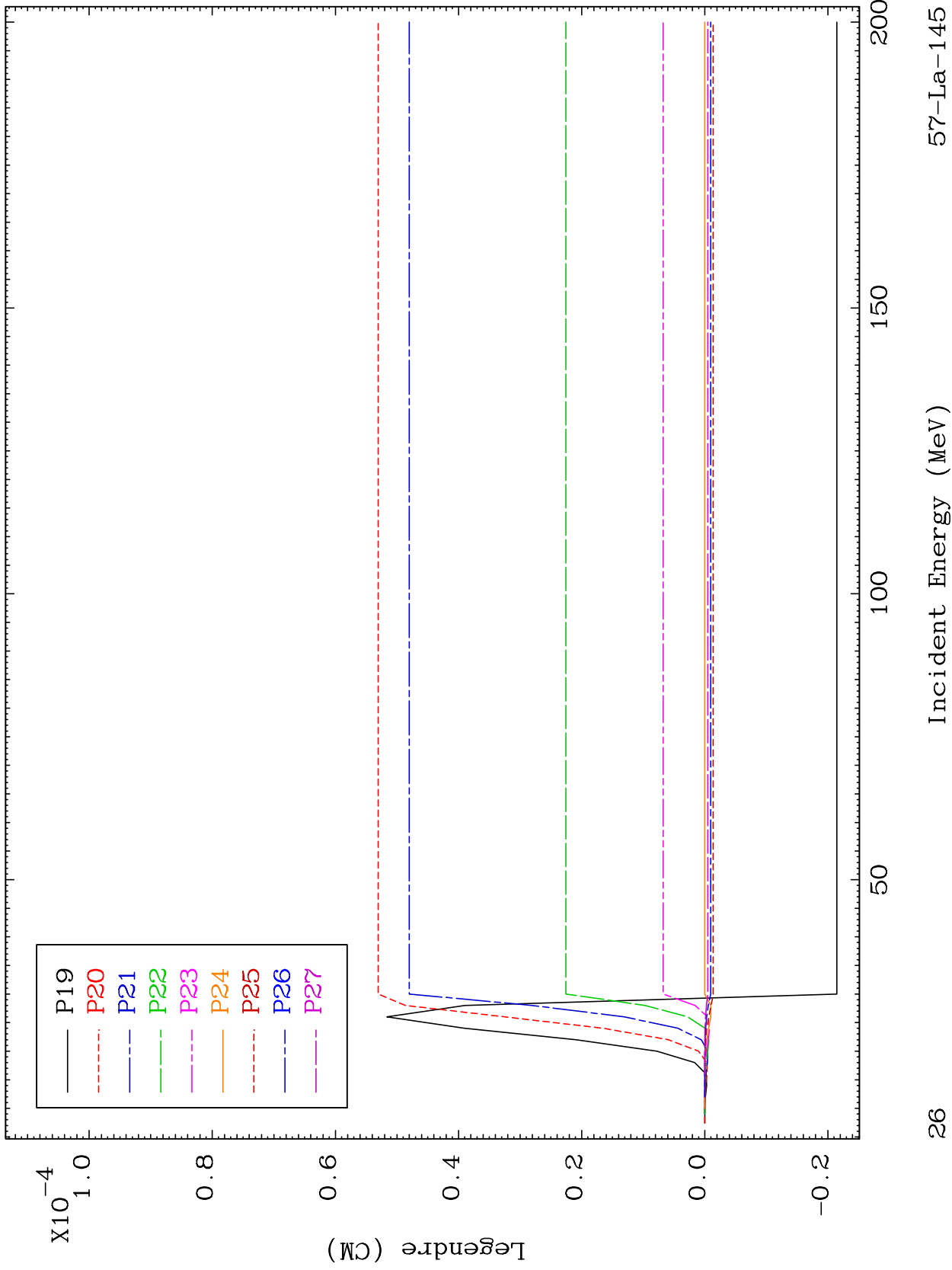
57-La-145

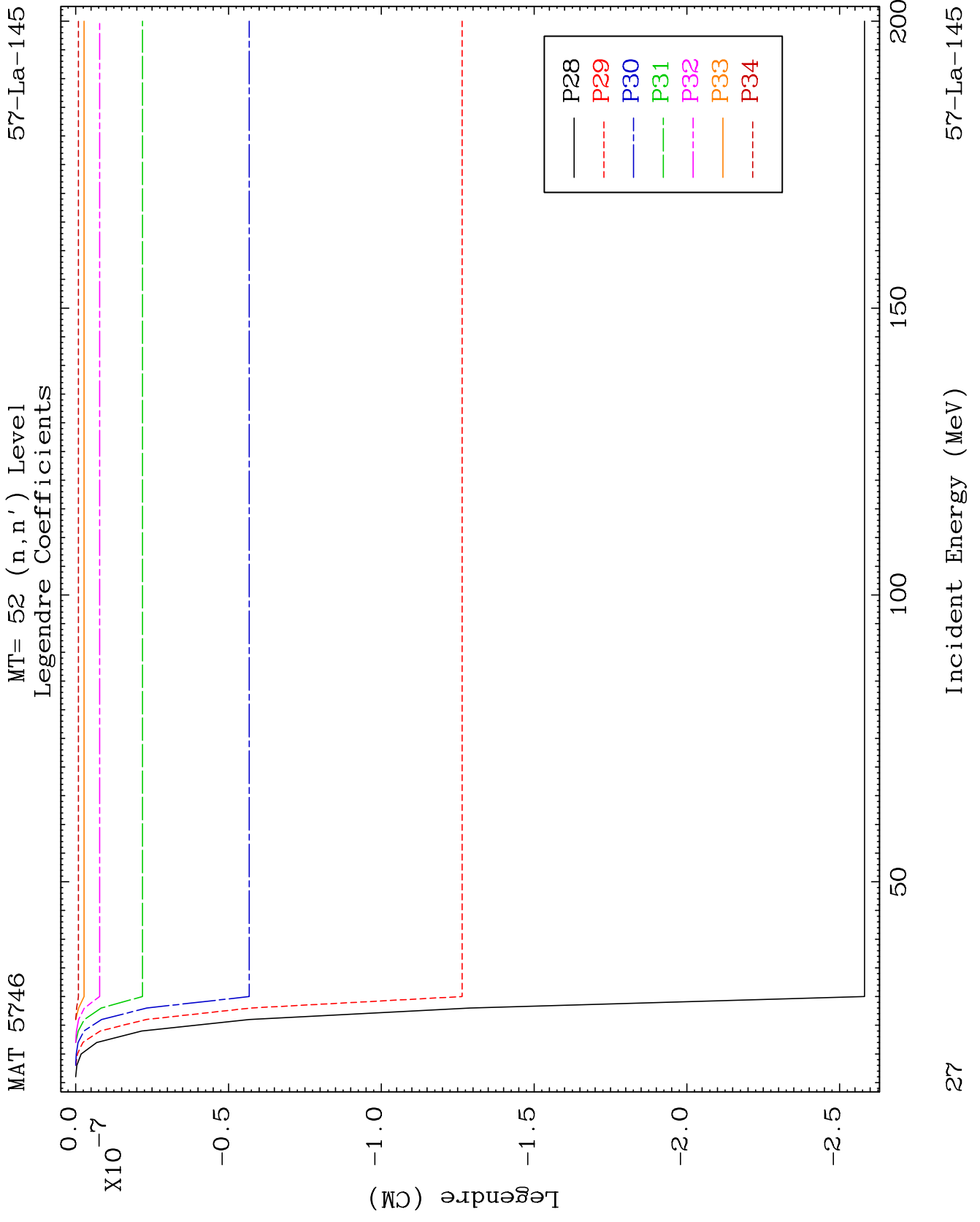


57-La-145

Incident Energy (MeV)

24

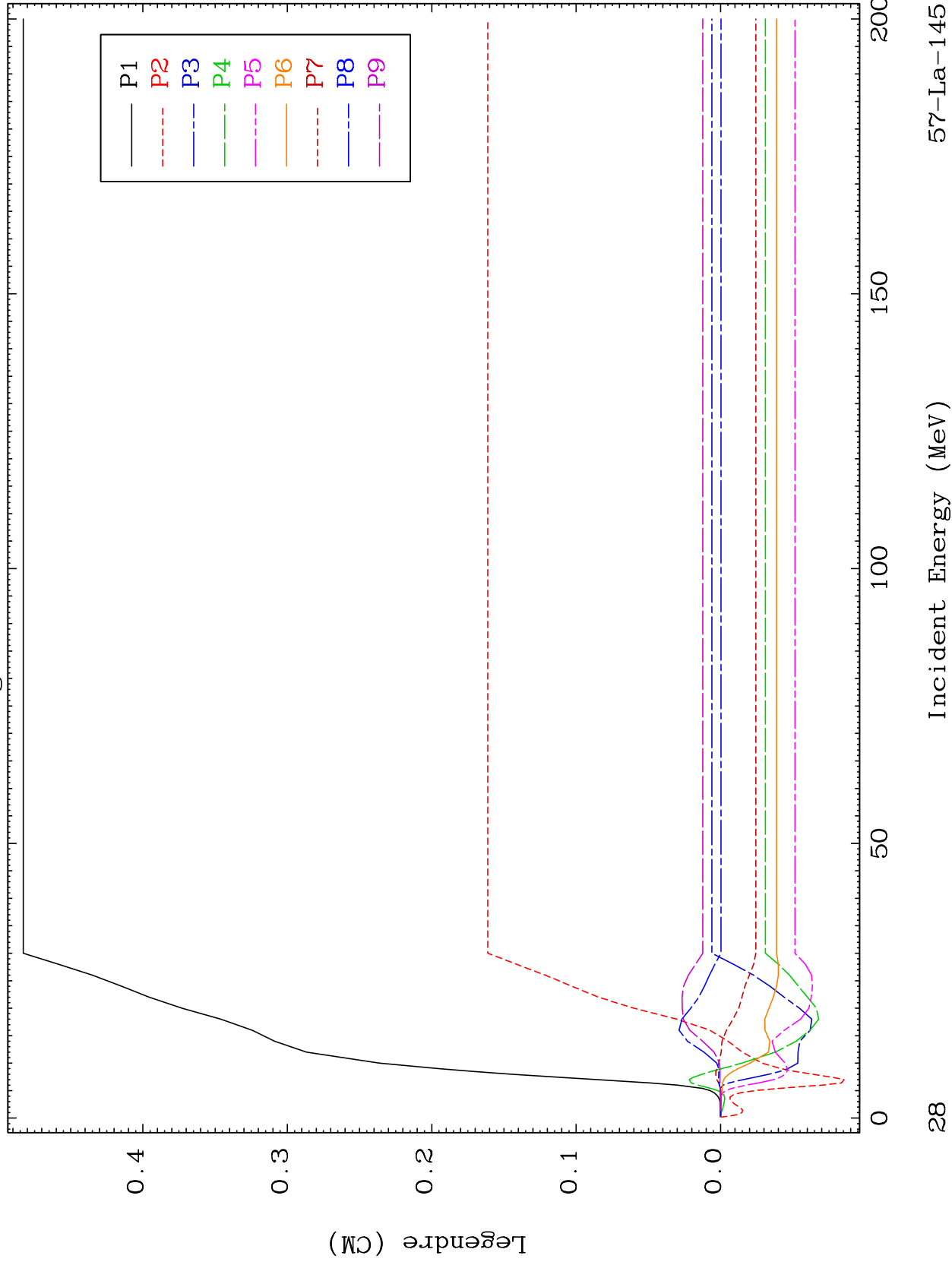




MAT 5746

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

57-La-145



57-La-145

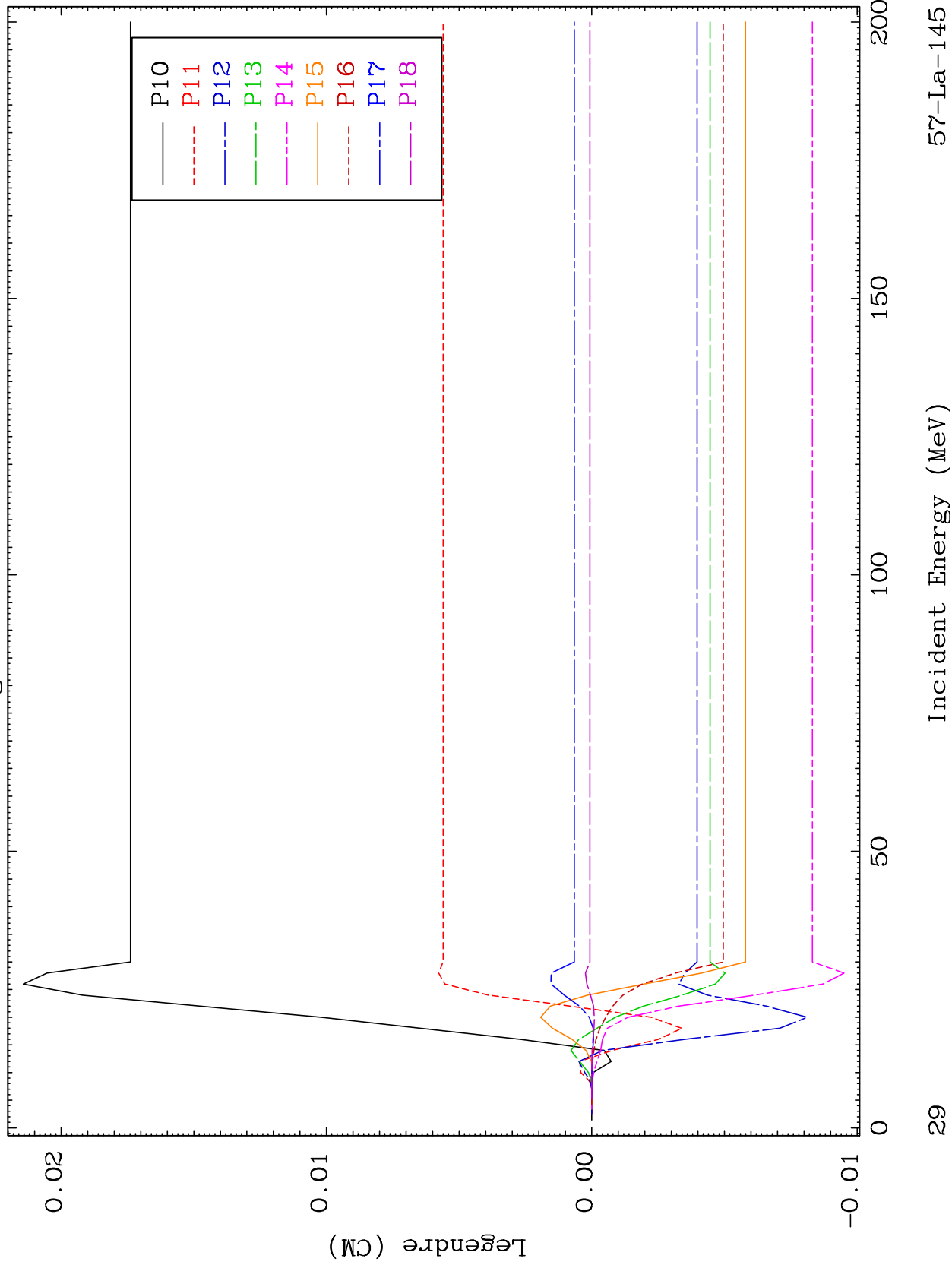
Incident Energy (MeV)

28

MAT 5746

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

57-La-145



57-La-145

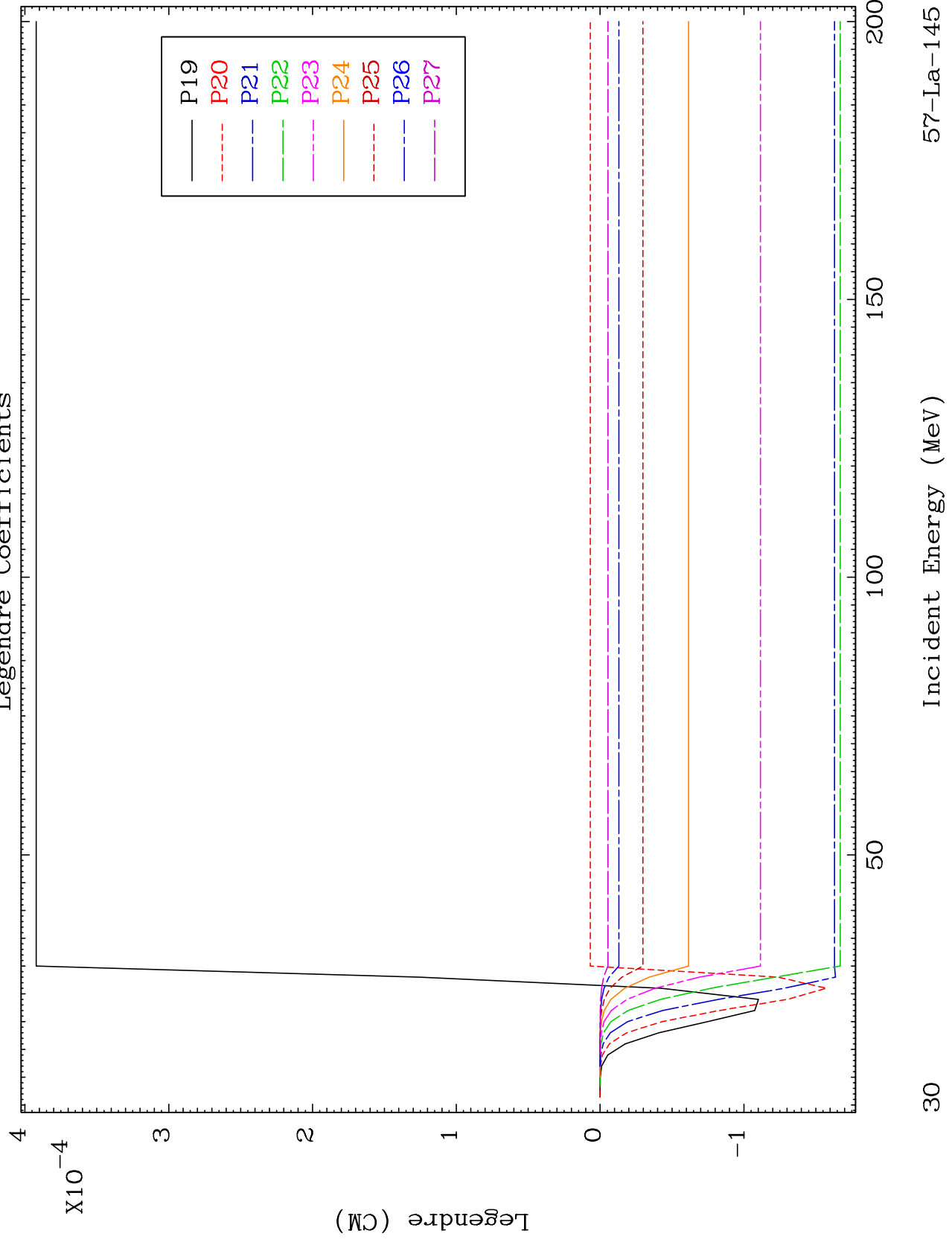
Incident Energy (MeV)

29

MAT 5746

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

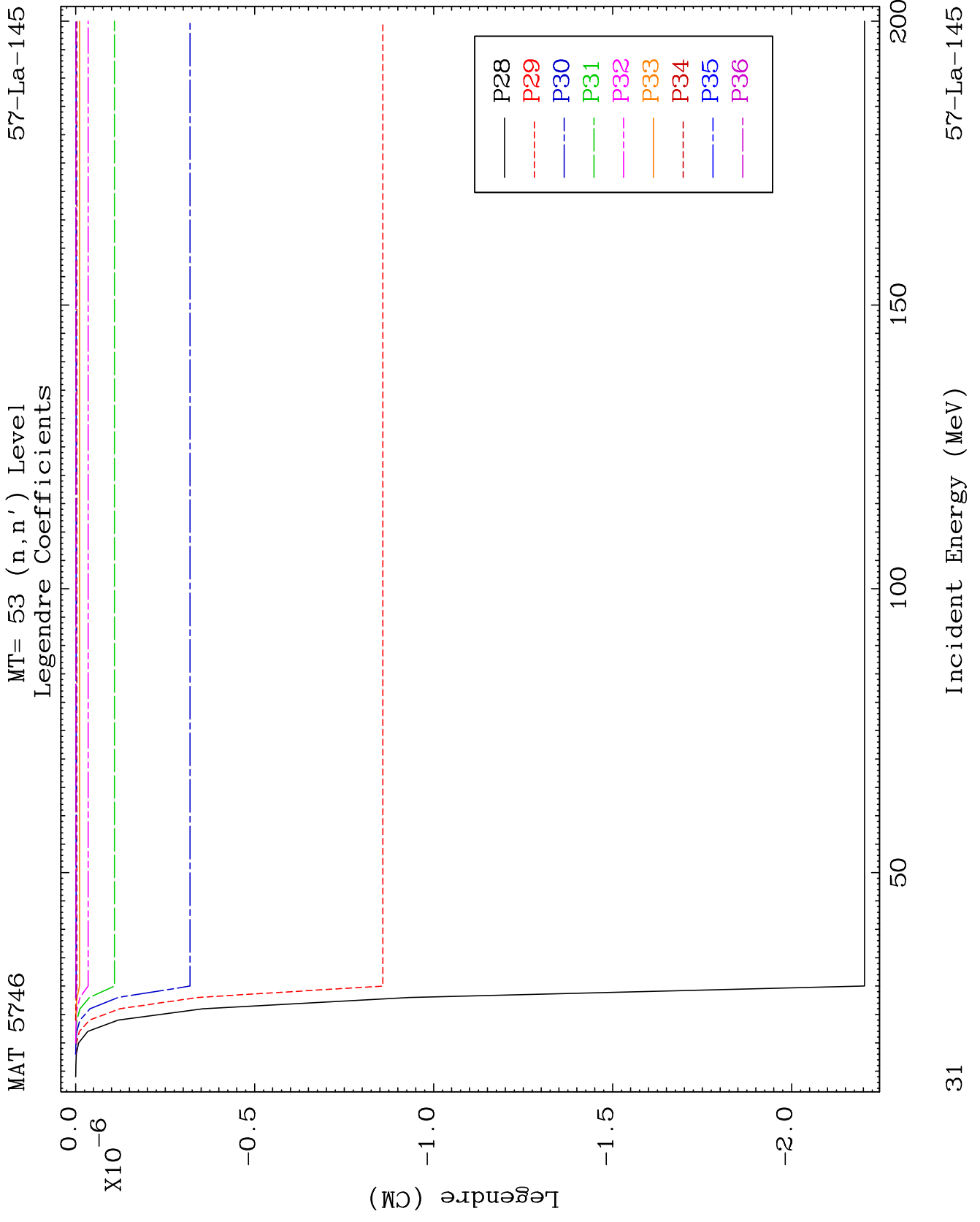
57-La-145



30

Incident Energy (MeV)

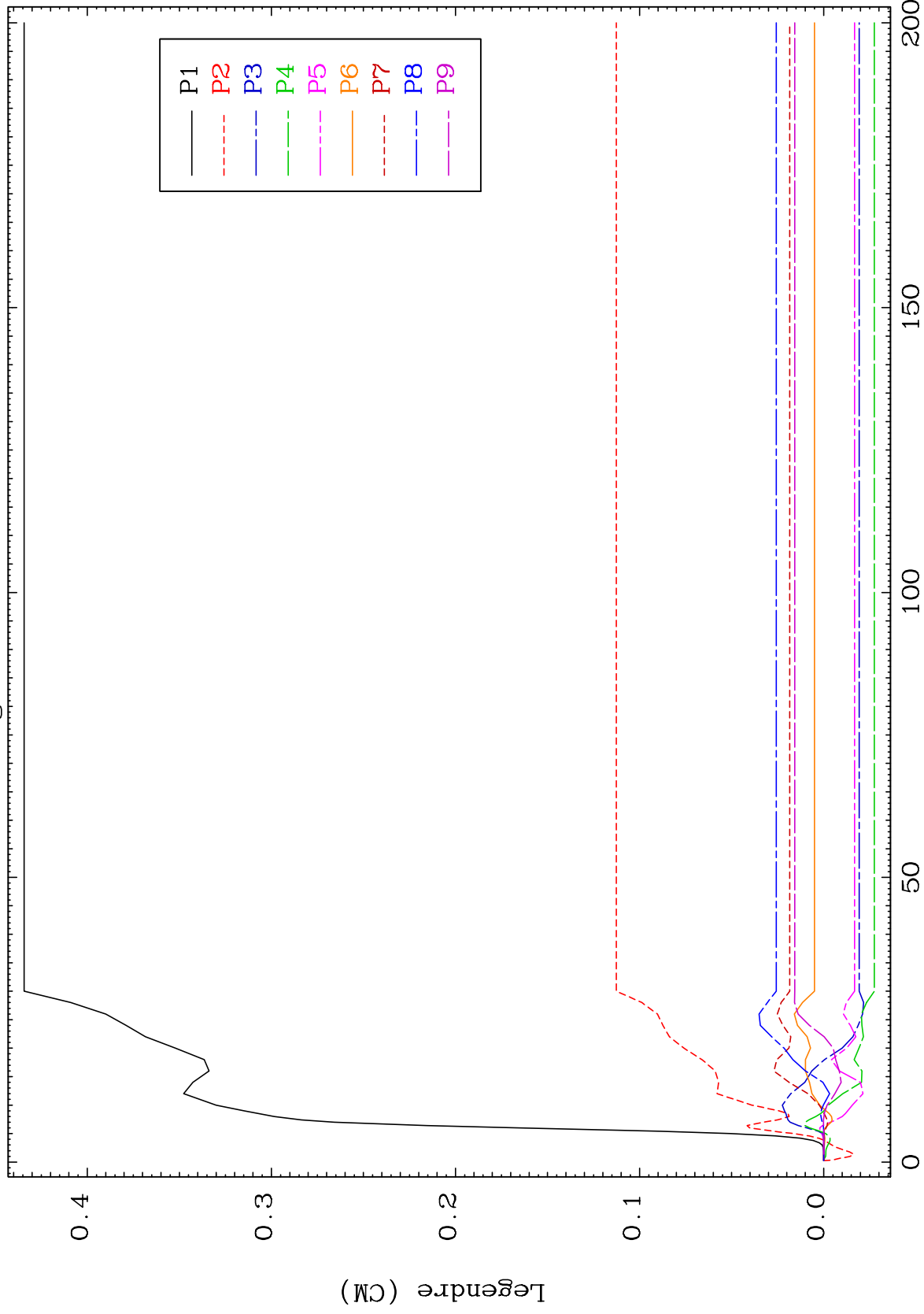
57-La-145



MAT 5746

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

57-La-145



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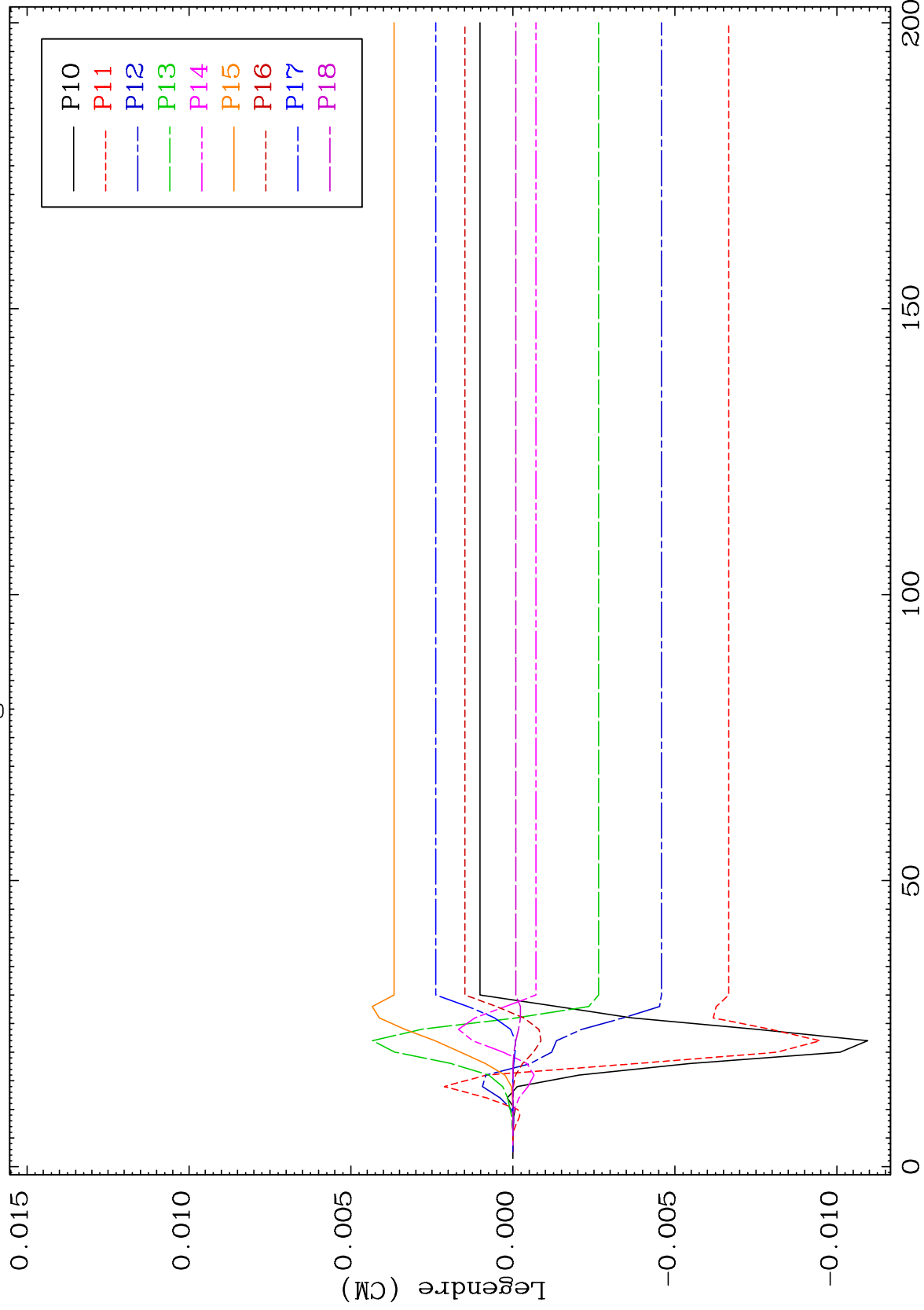
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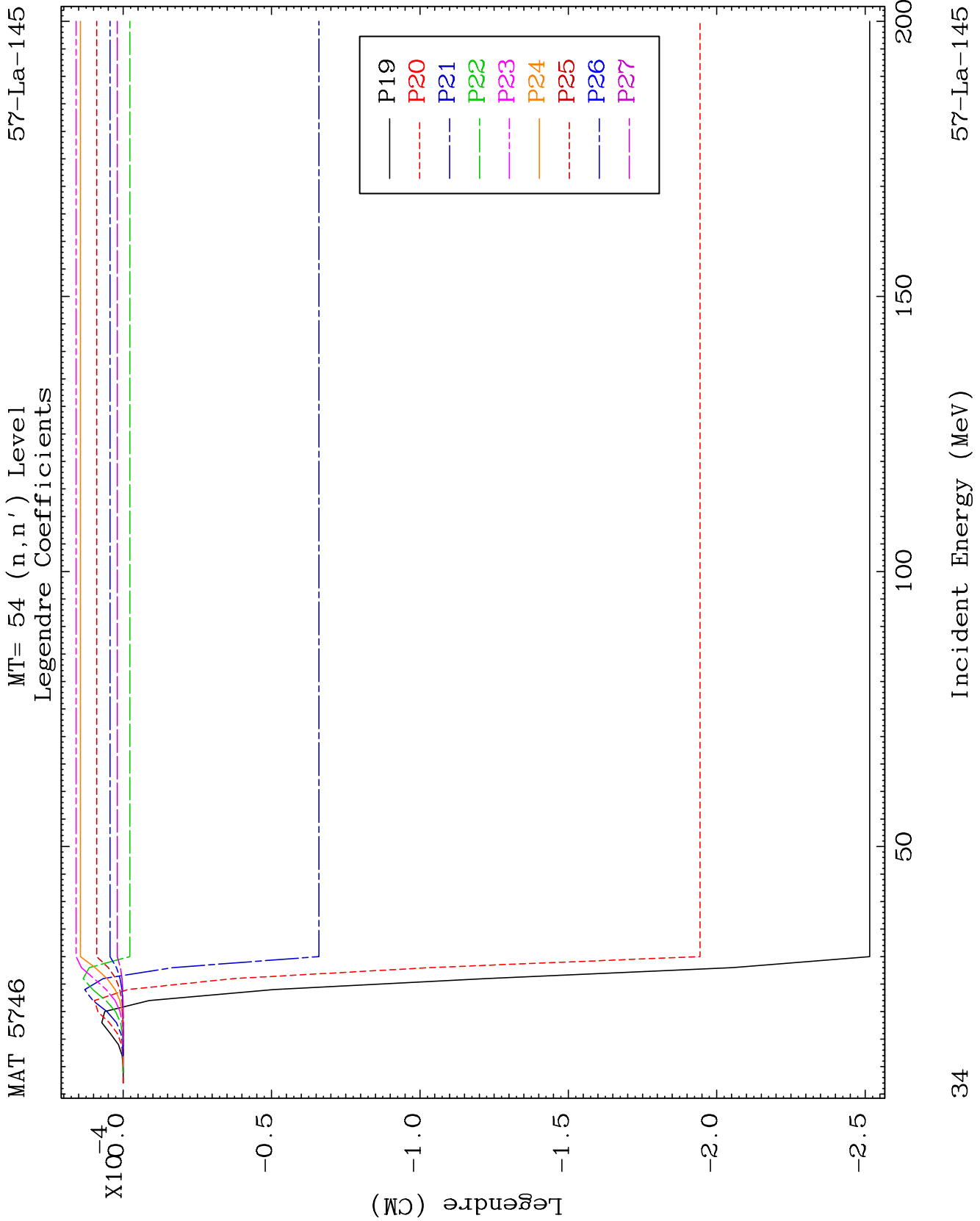
57-La-145

MAT 5746

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

57-La-145

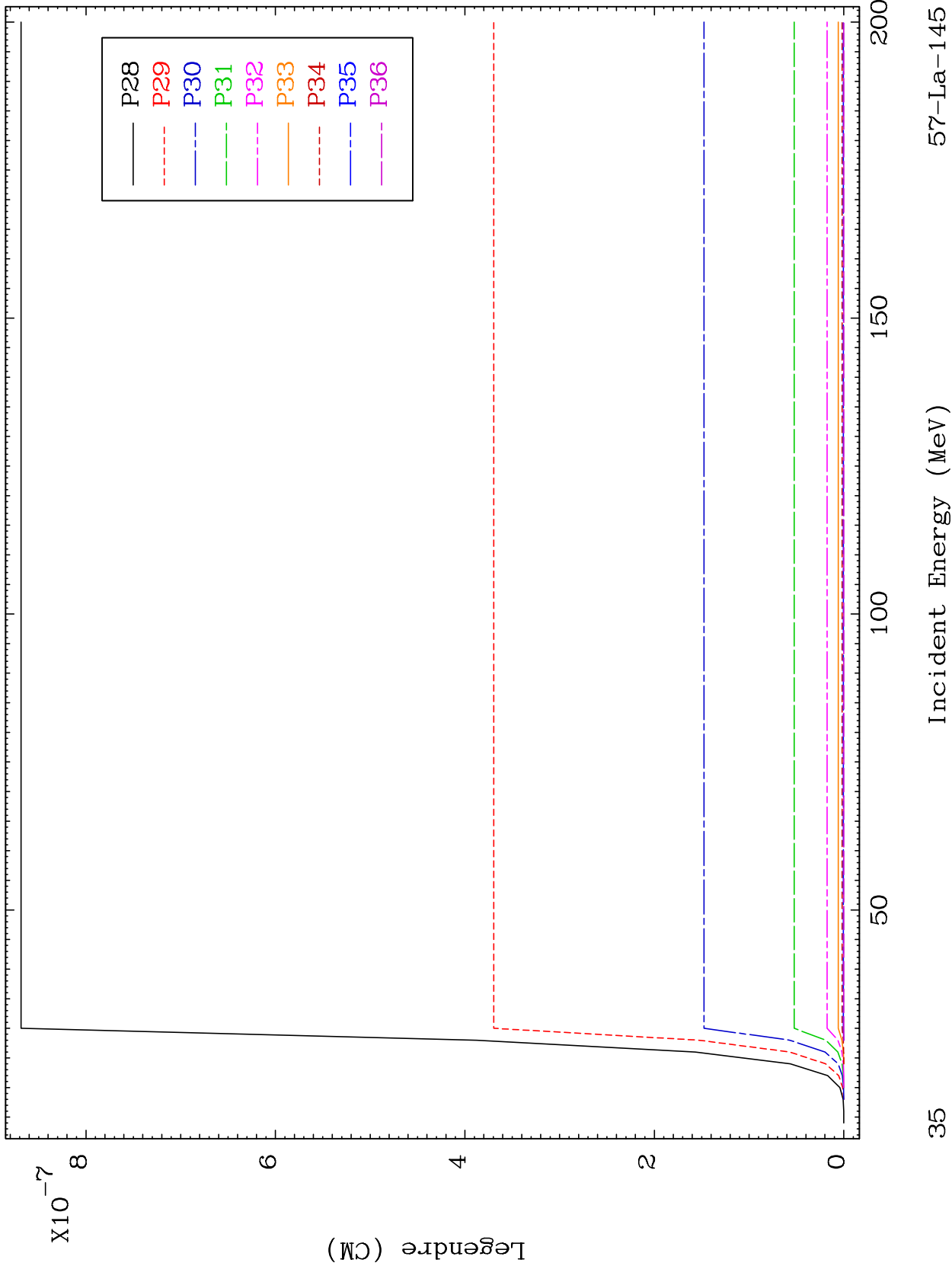




MAT 5746

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

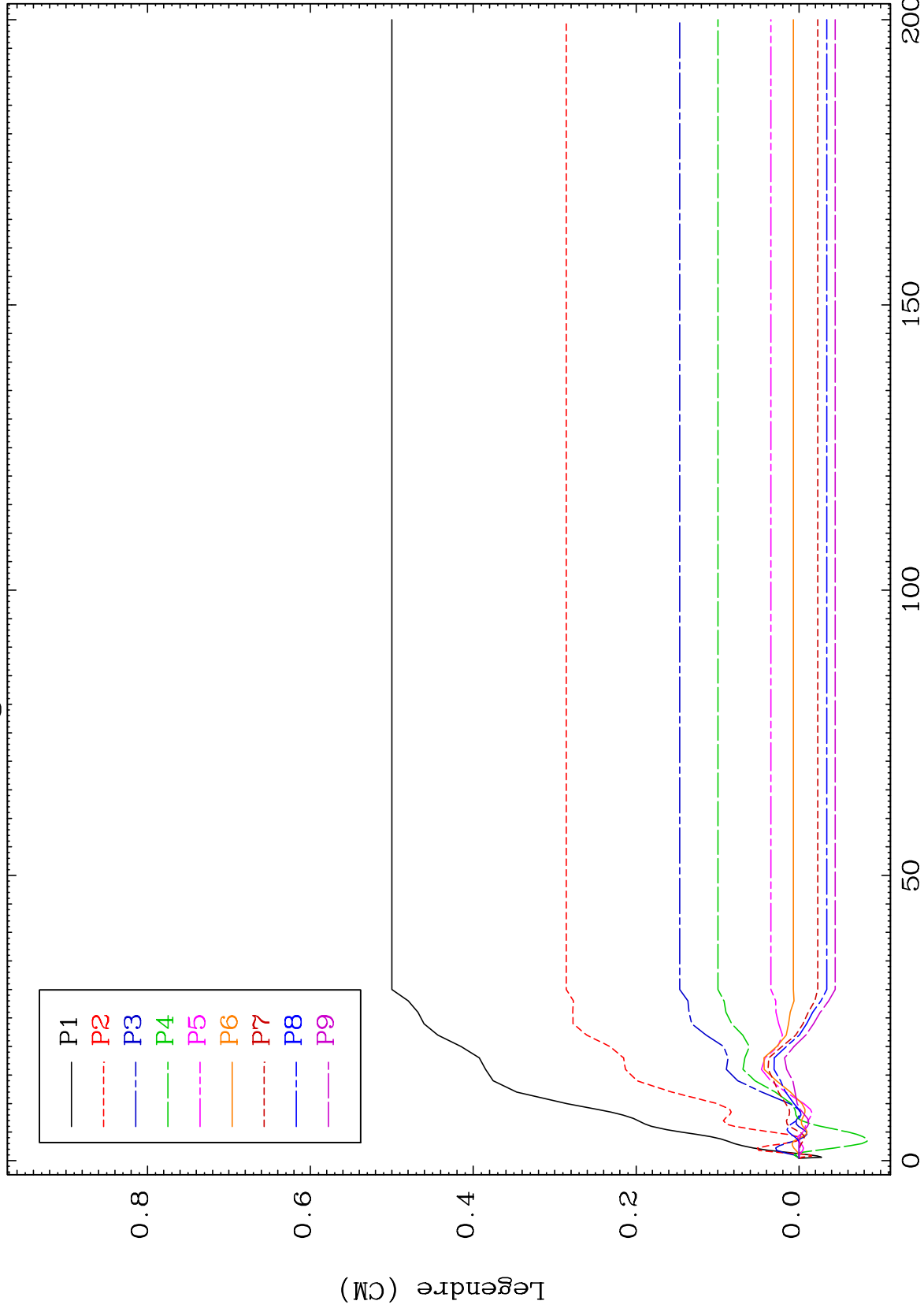
57-La-145



MAT 5746

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

57-La-145



57-La-145

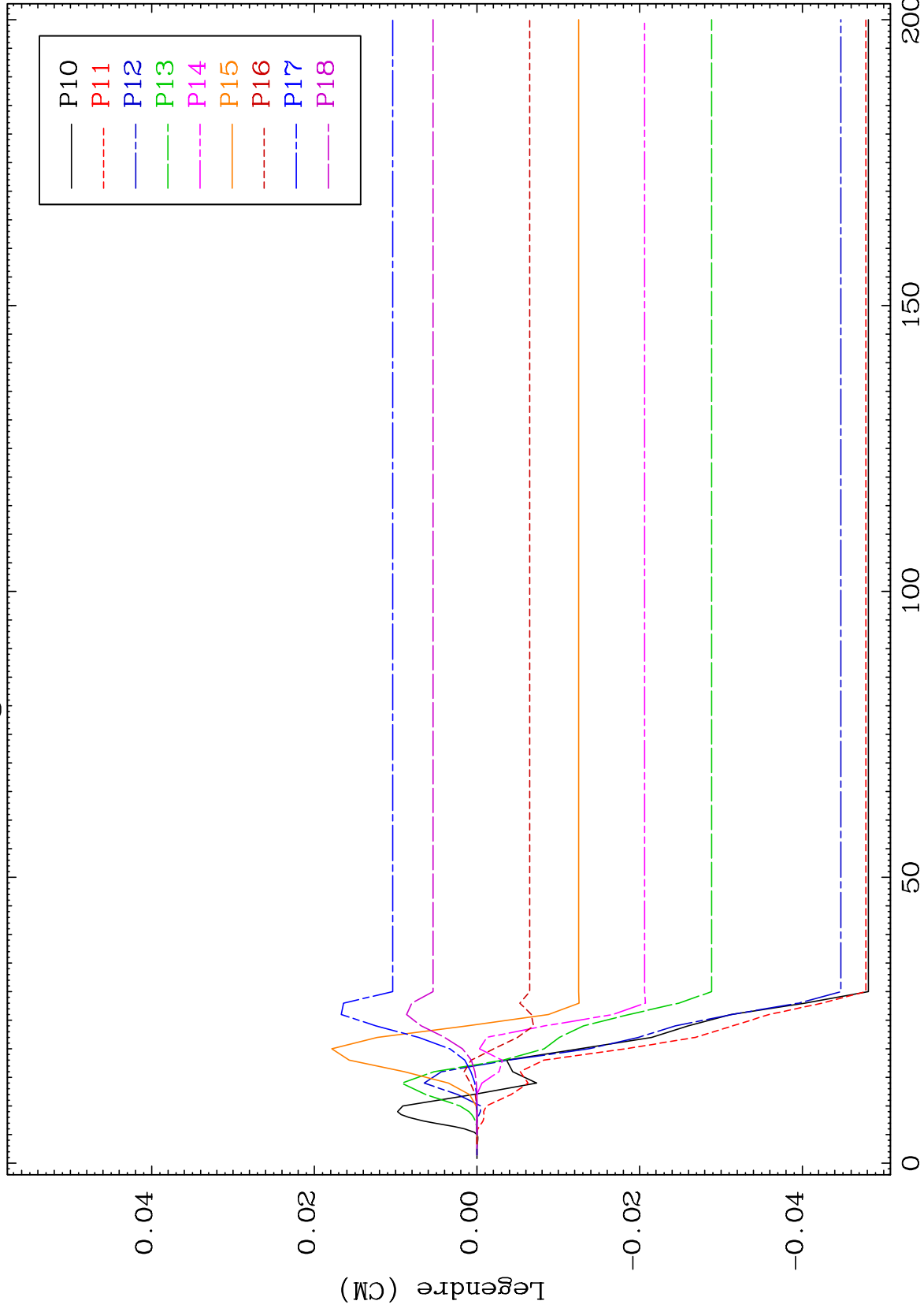
Incident Energy (MeV)

36

MAT 5746

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

57-La-145



37

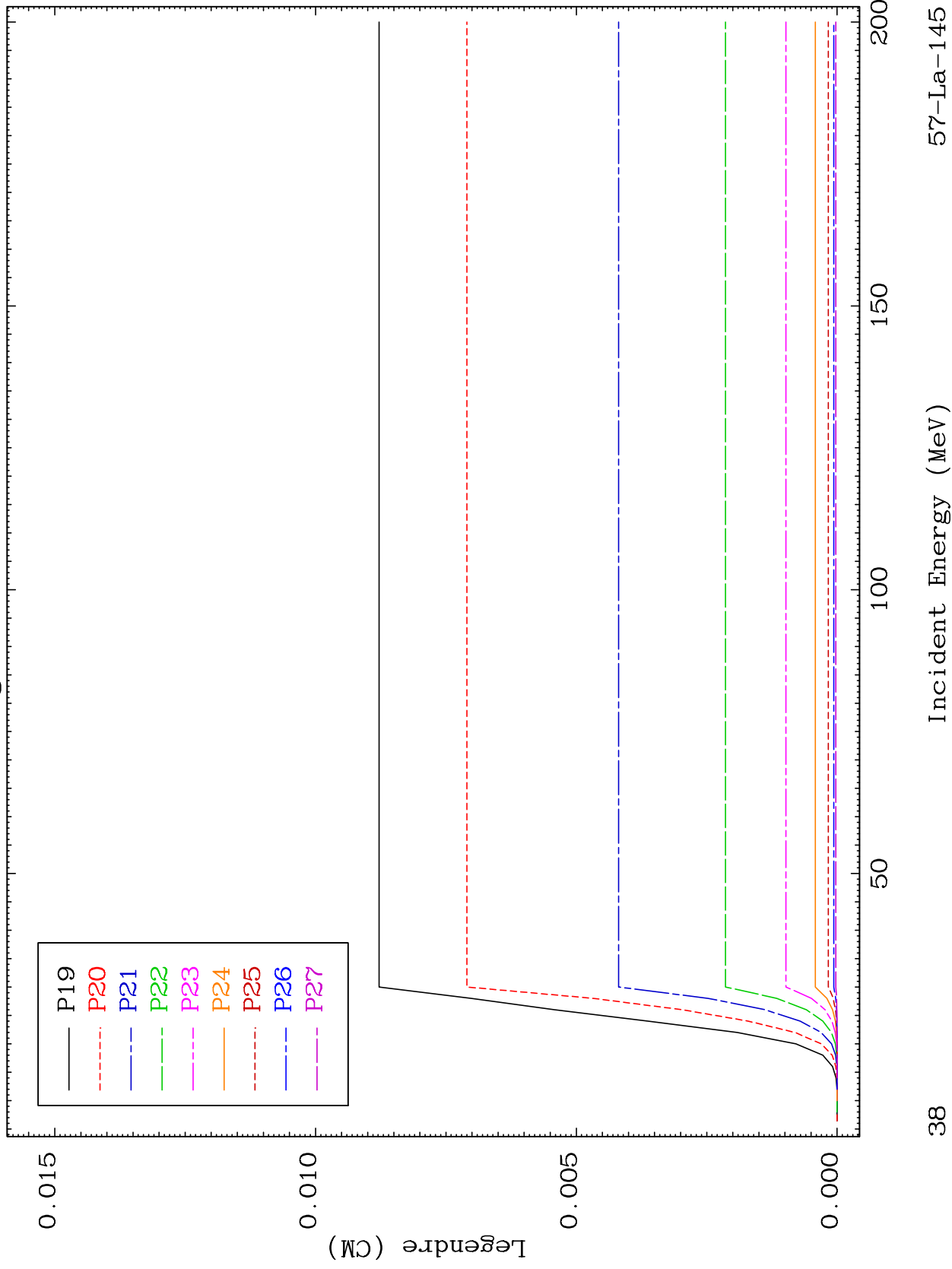
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



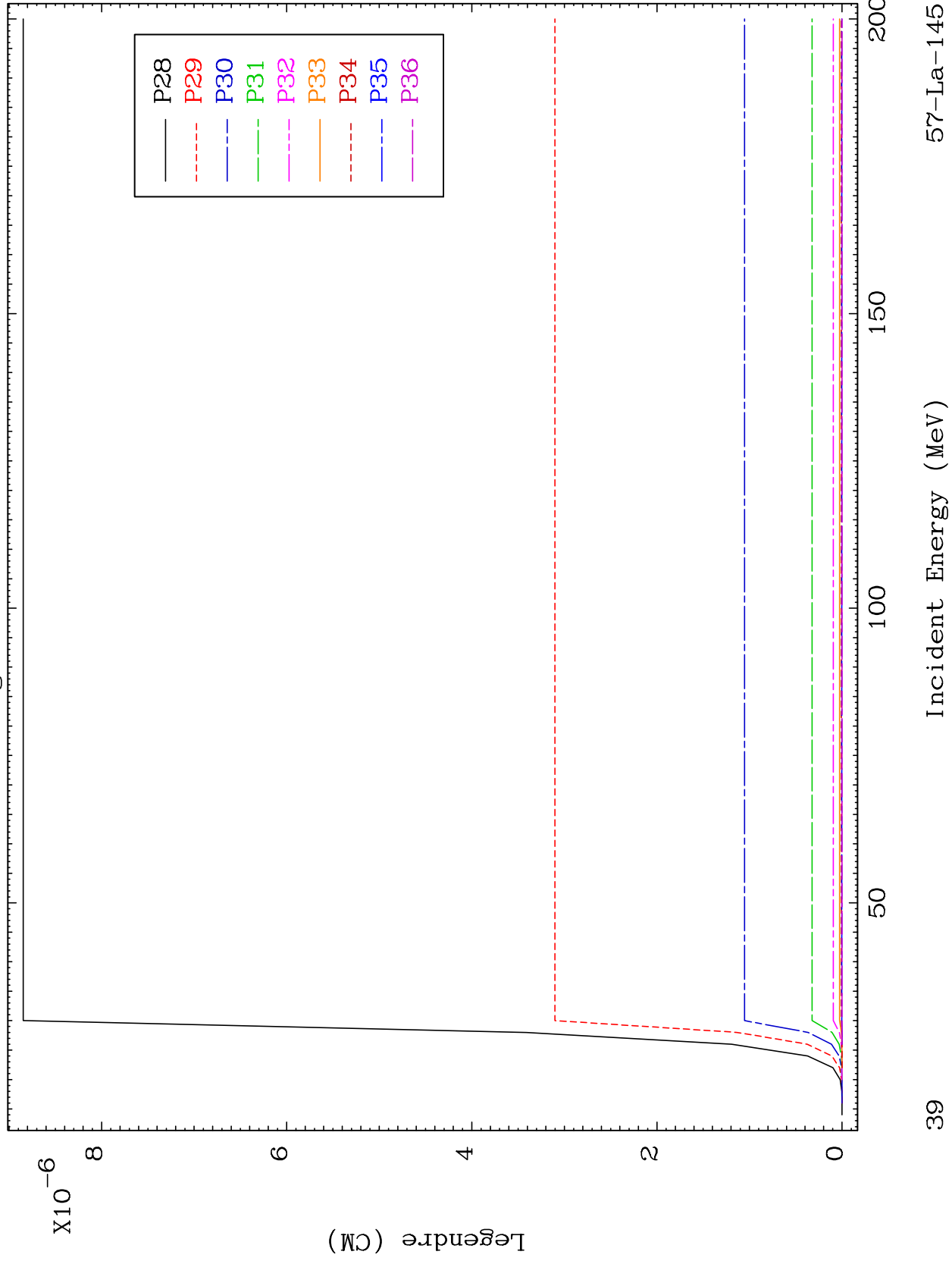
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57-La-145

MAT 5746

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

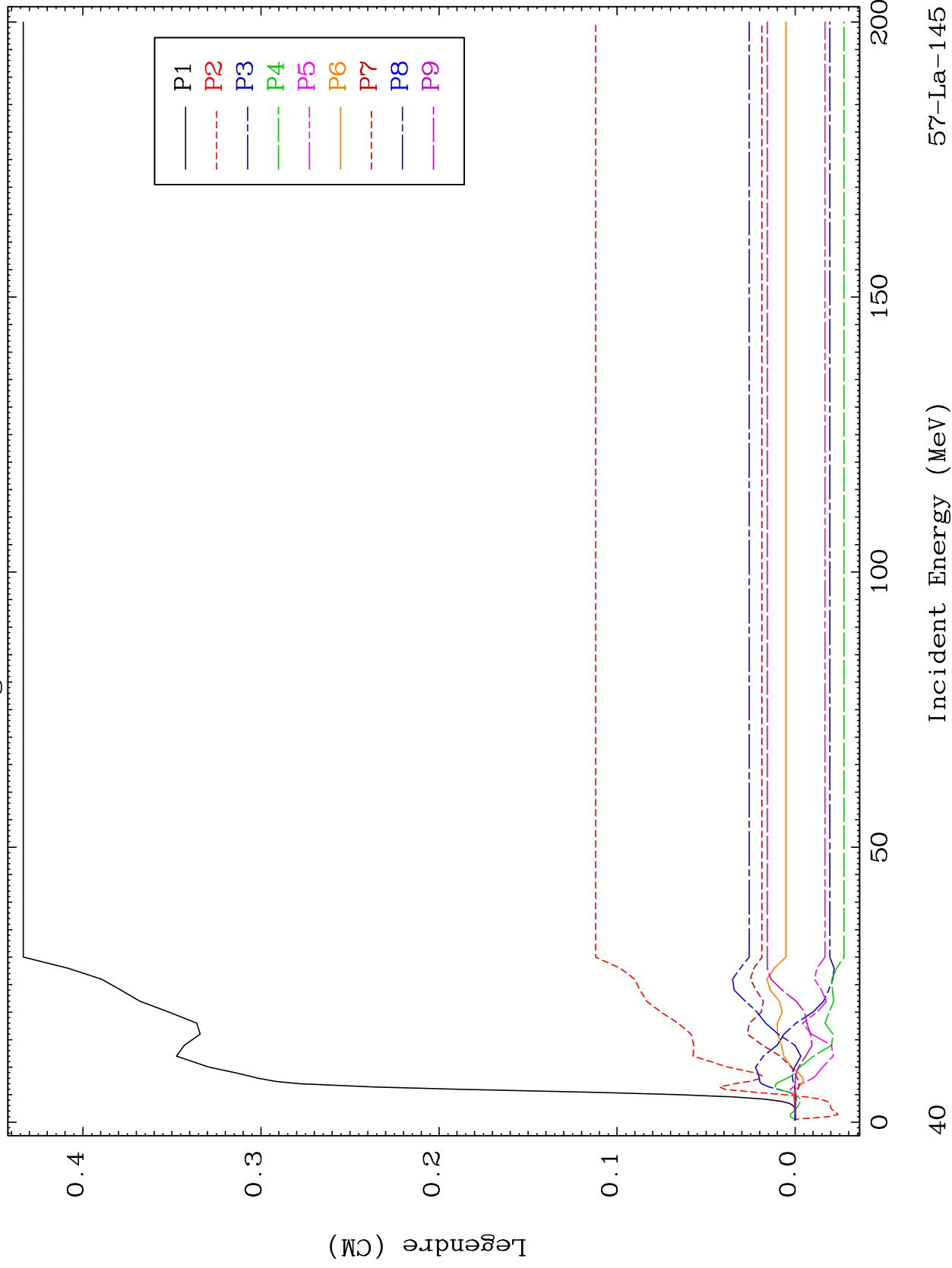
57-La-145



MAT 5746

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

57-La-145



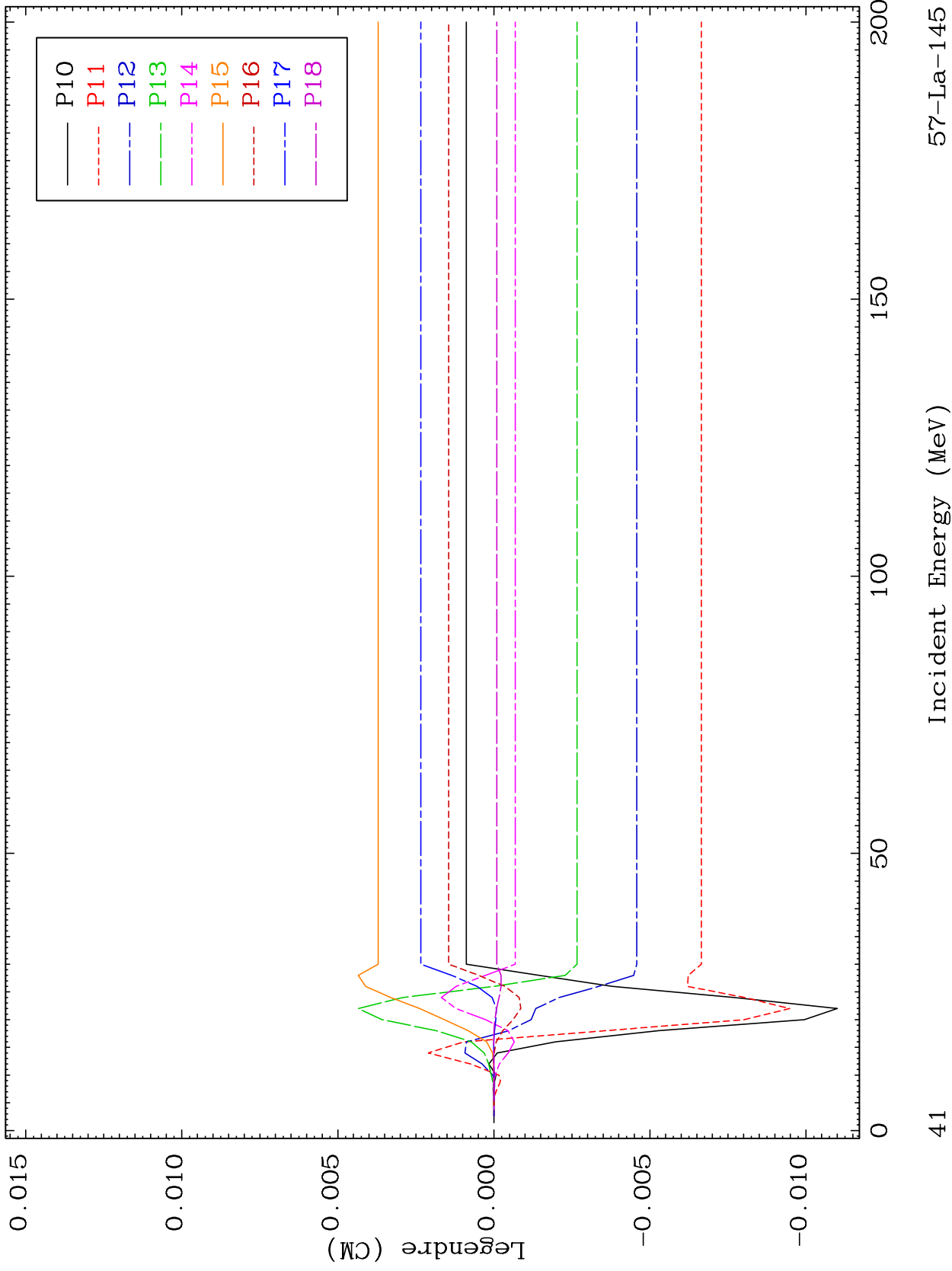
57-La-145

Incident Energy (MeV)

MAT 5746

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

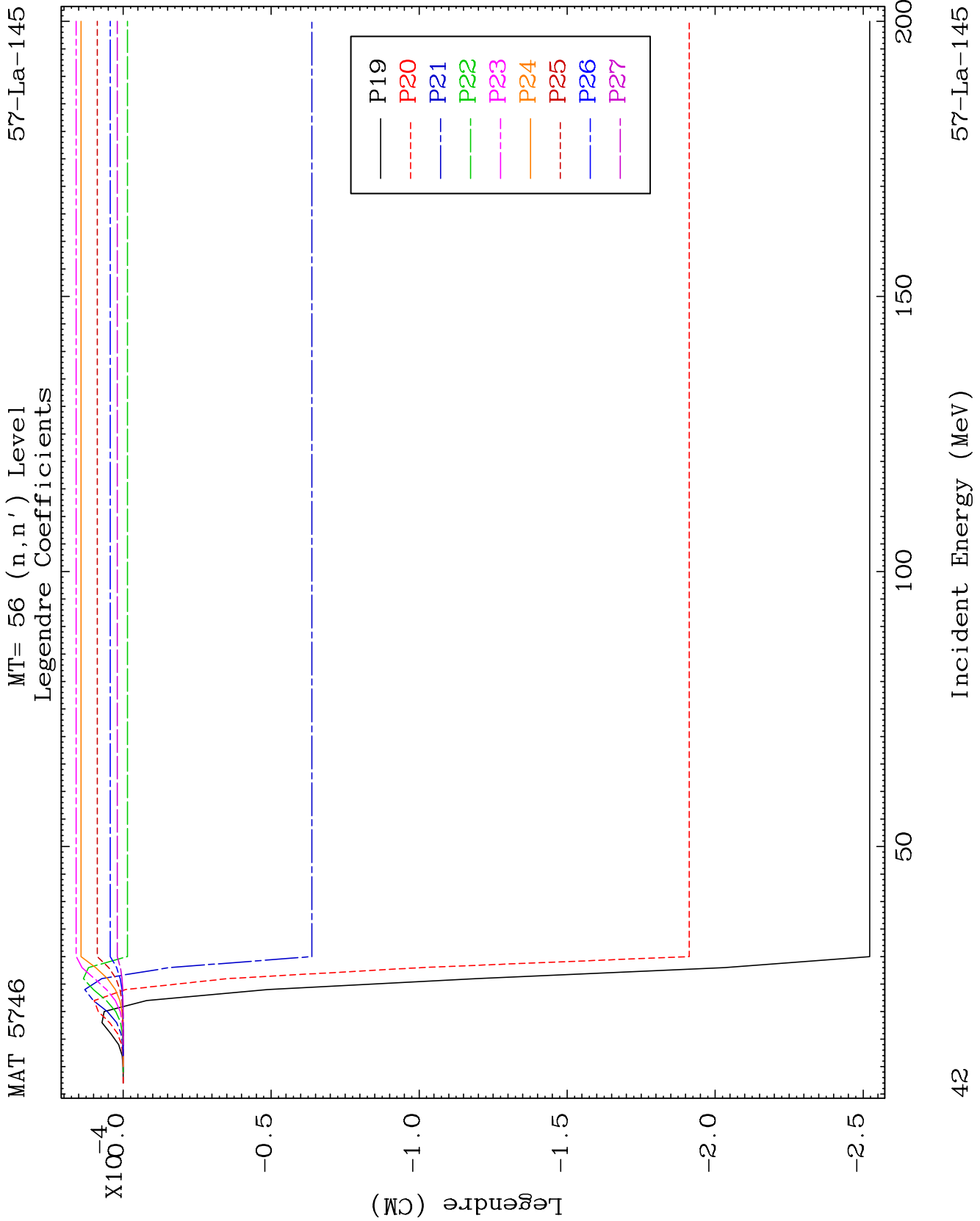
57-La-145



41

Incident Energy (MeV)

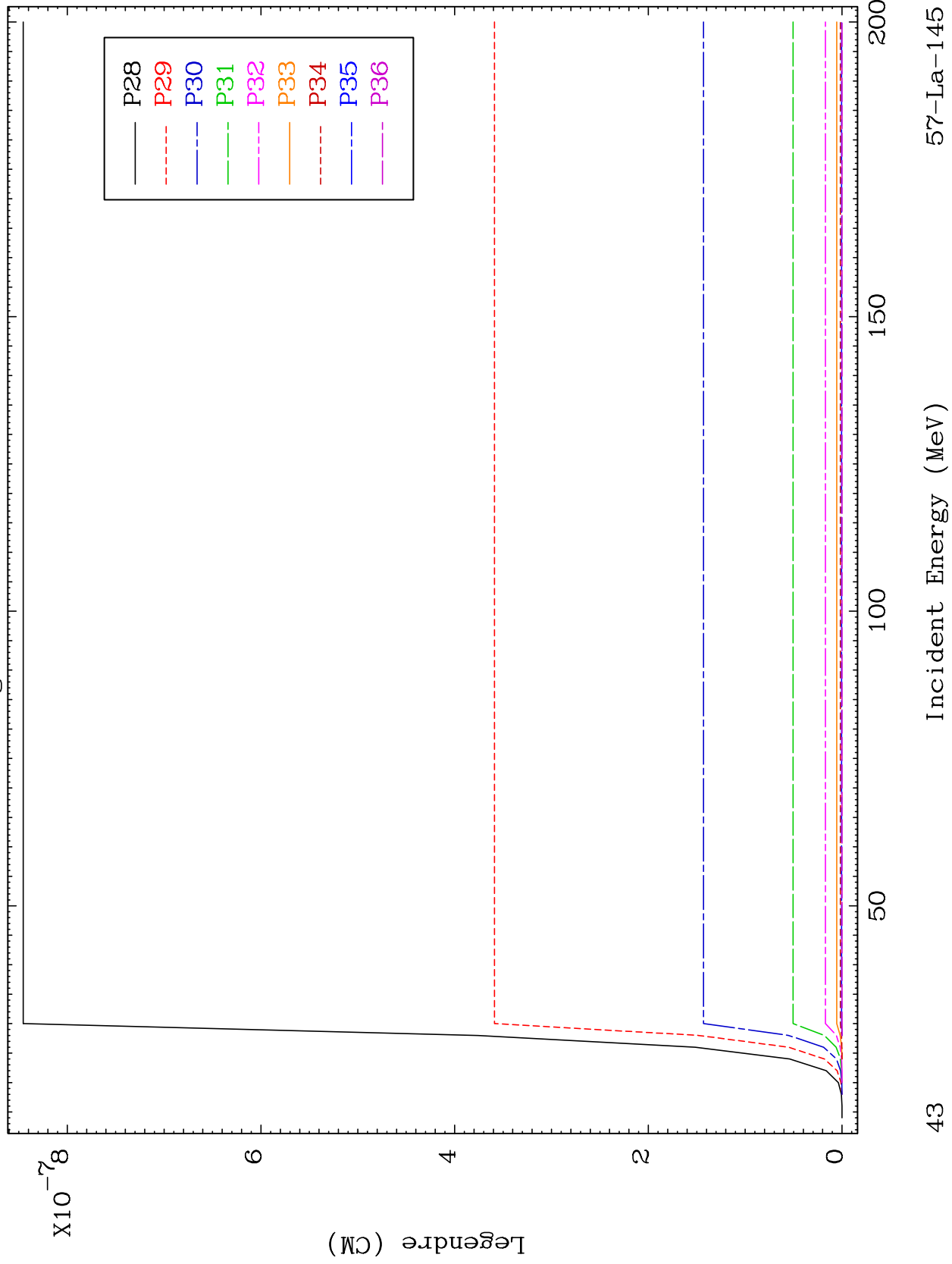
57-La-145



MAT 5746

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

57-La-145



43

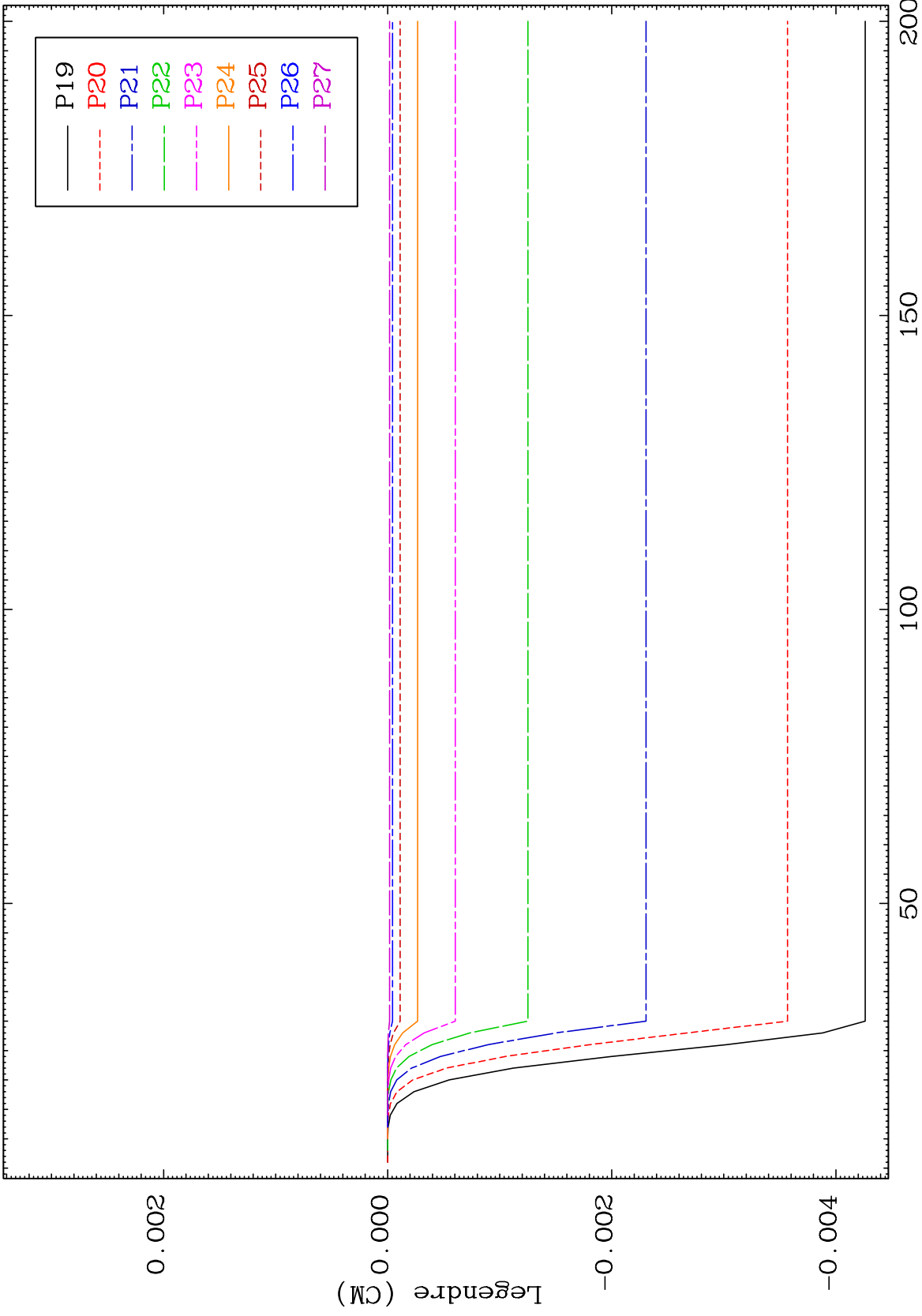
Incident Energy (MeV)

57-La-145

MAT 5746

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

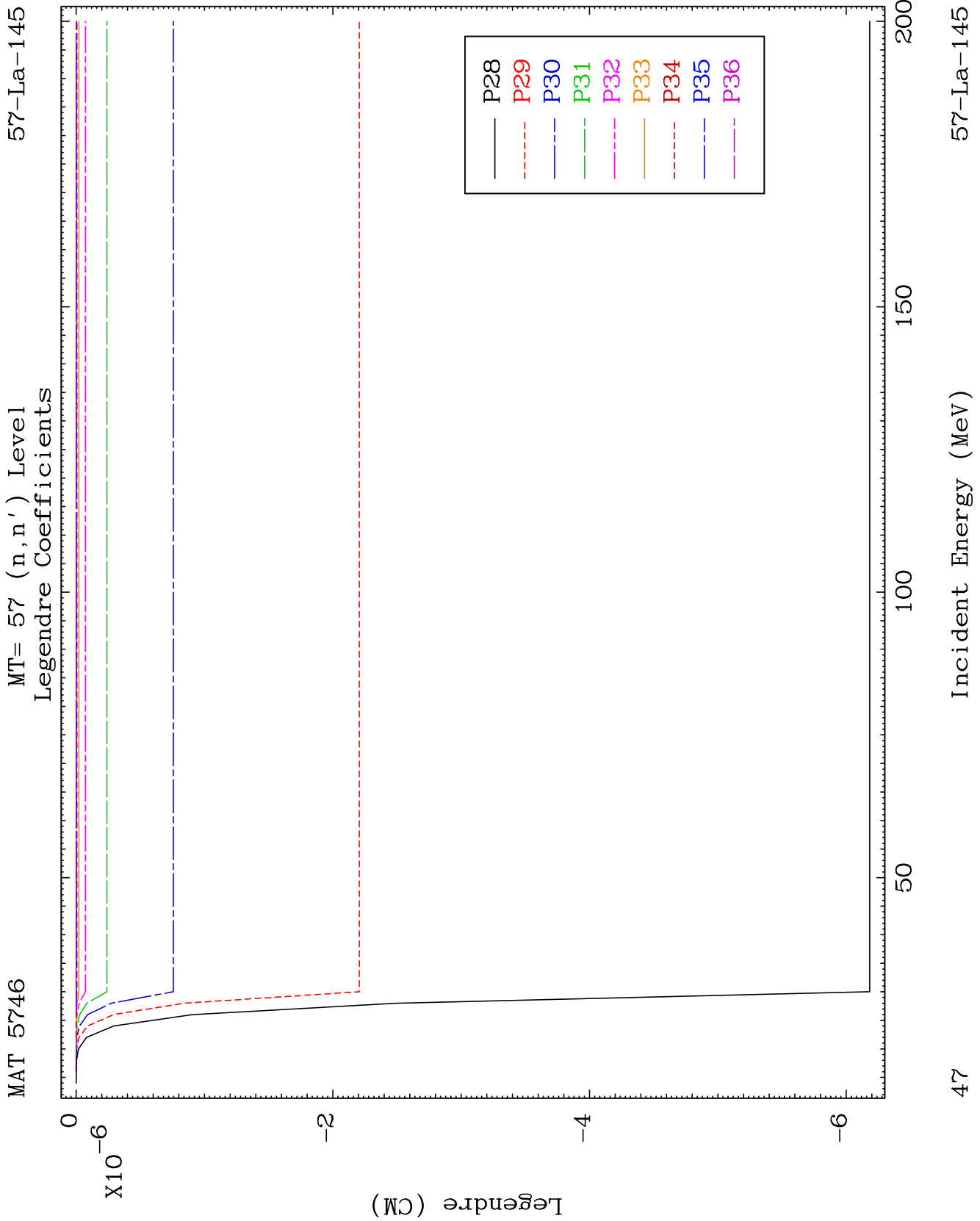
57-La-145



46

Incident Energy (MeV)

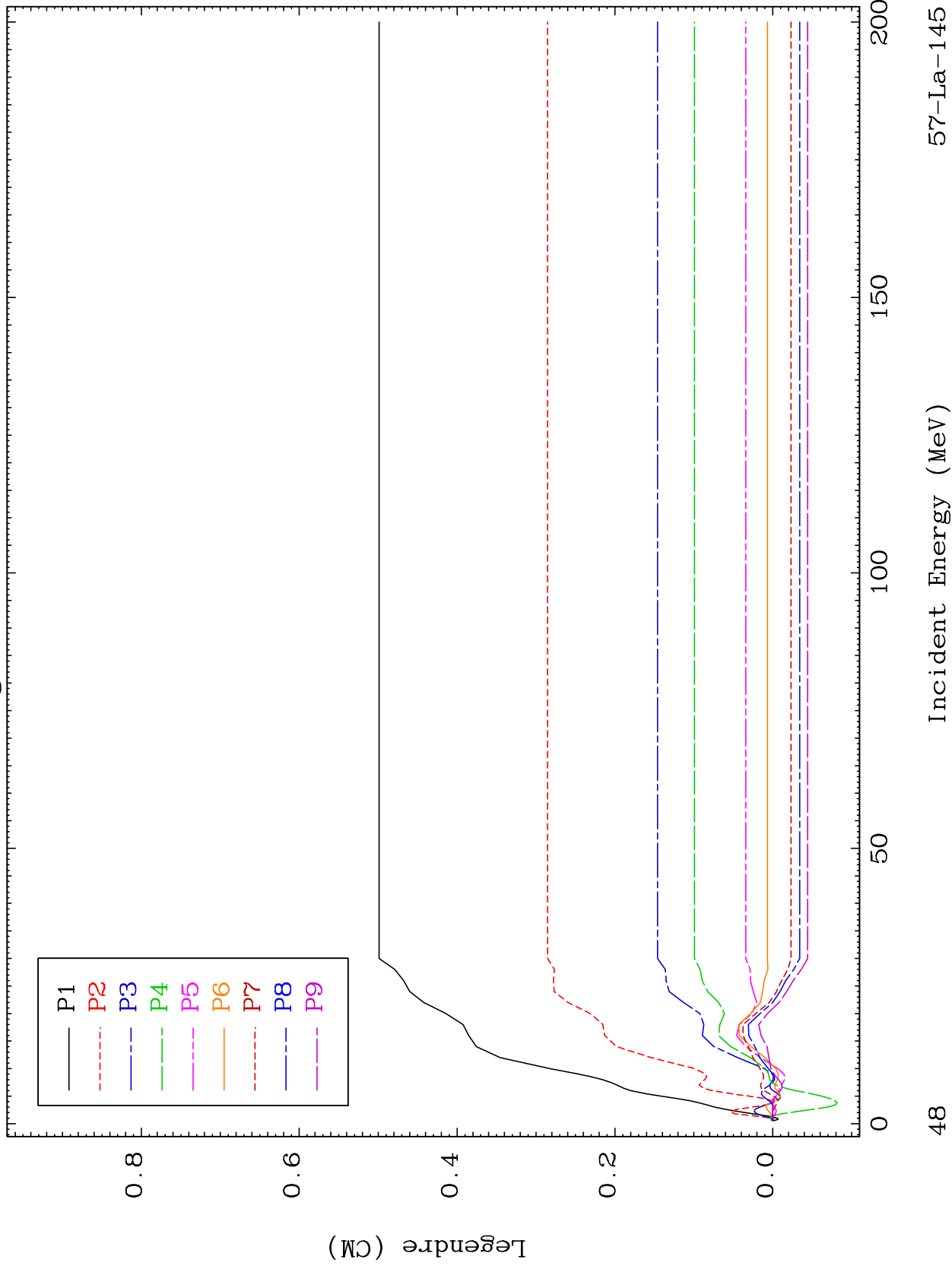
57-La-145



MAT 5746

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

57-La-145



57-La-145

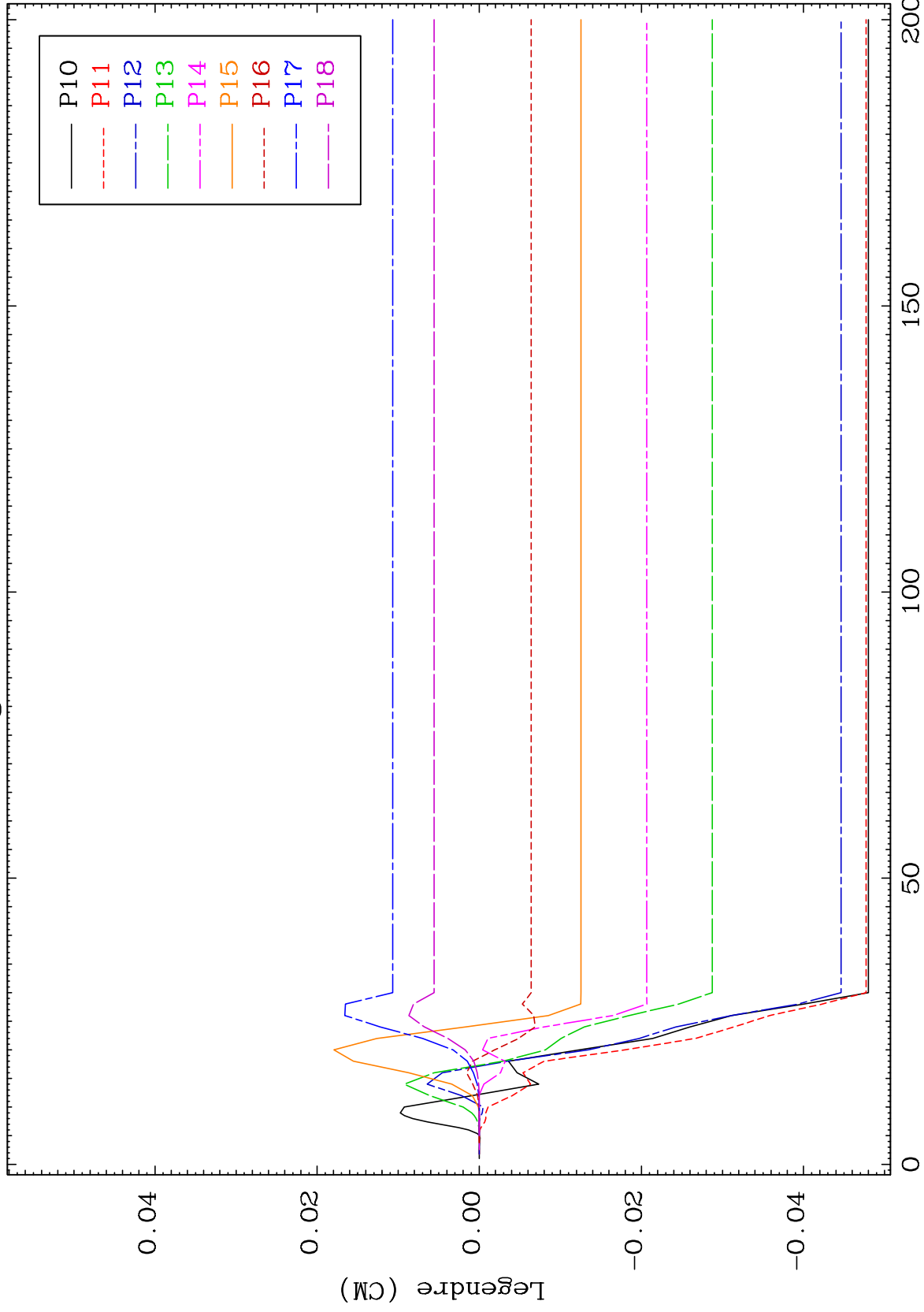
Incident Energy (MeV)

48

MAT 5746

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

57-La-145



49

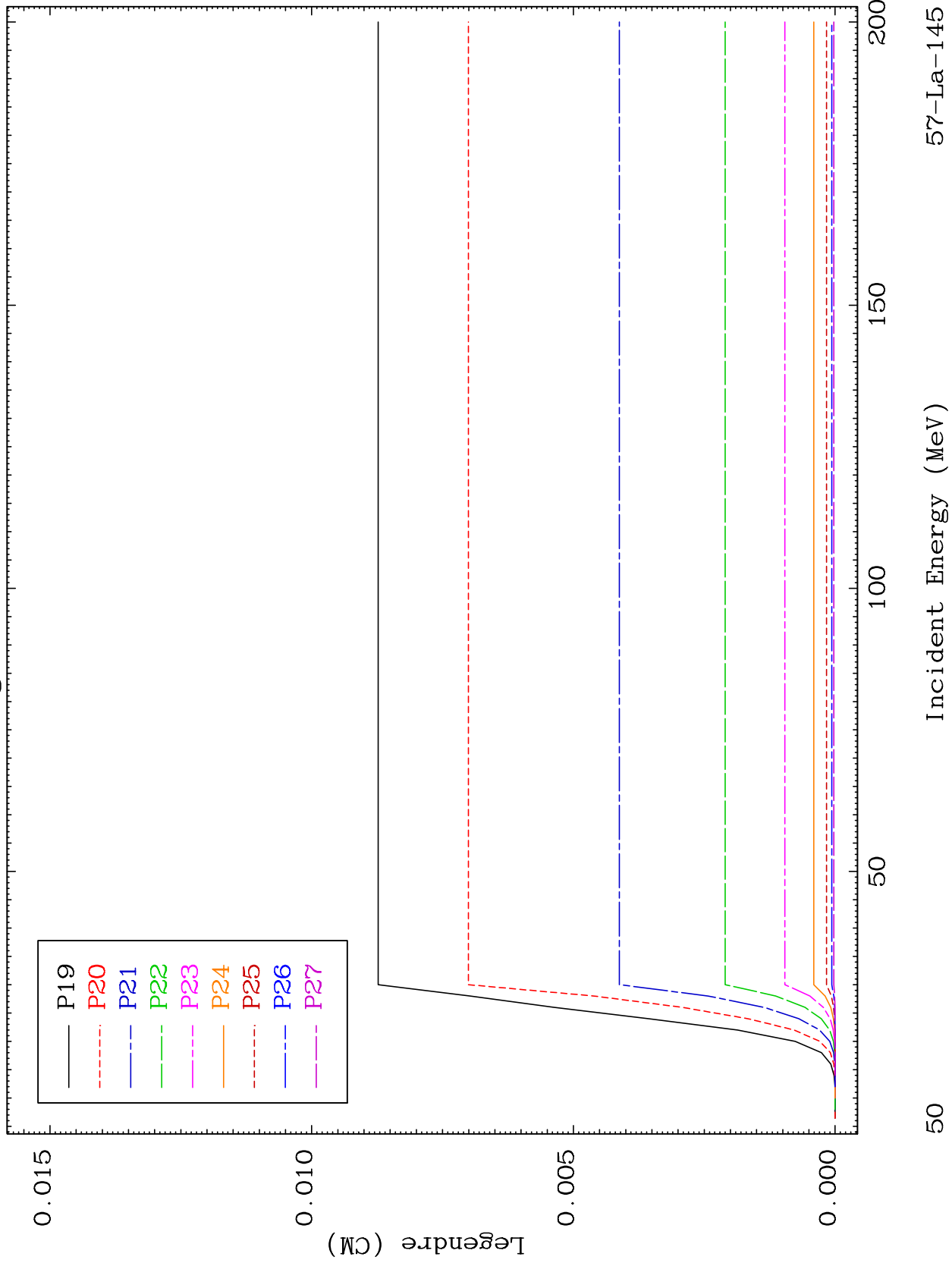
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



57-La-145

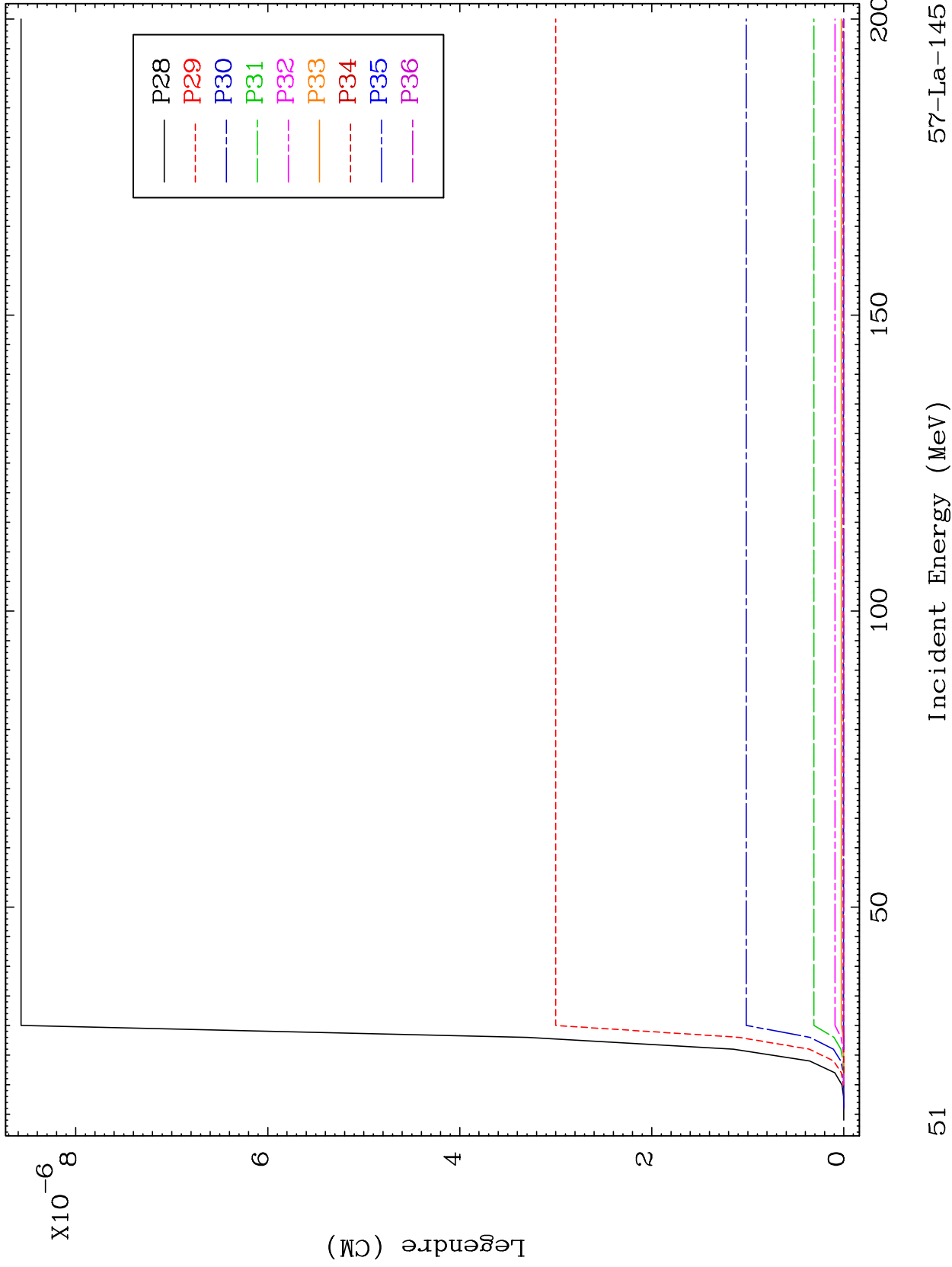
Incident Energy (MeV)

50

MAT 5746

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

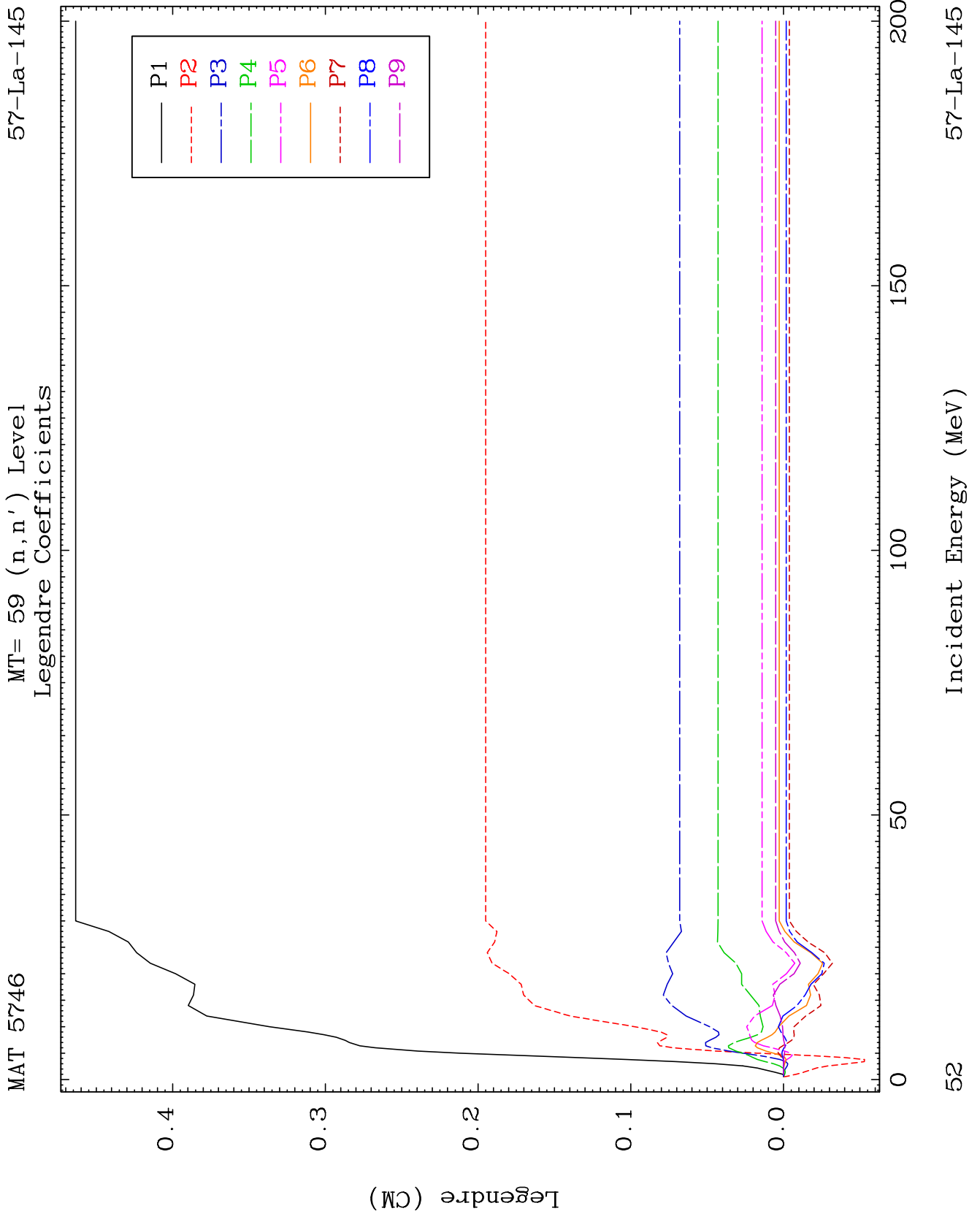
57-La-145



51

Incident Energy (MeV)

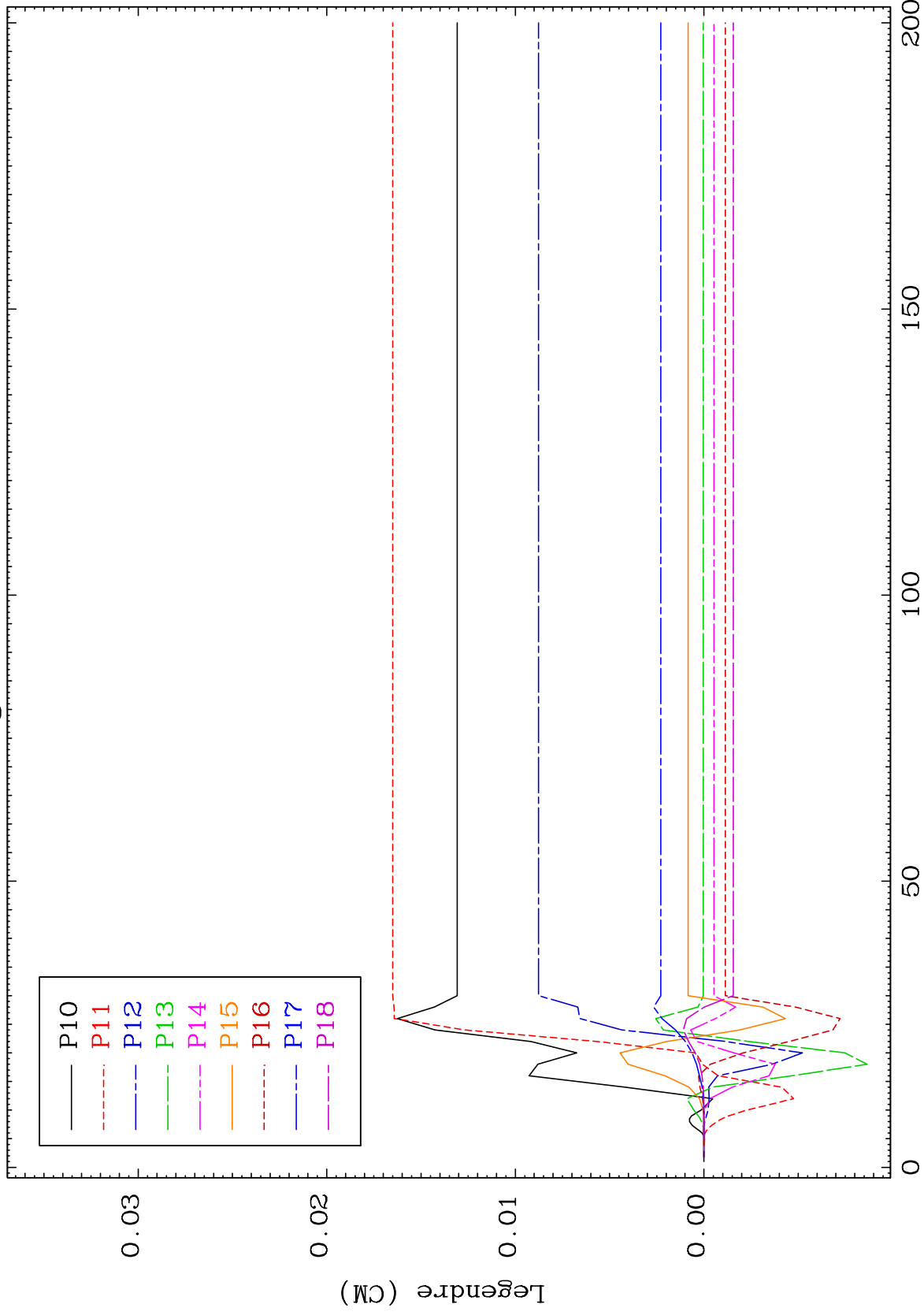
57-La-145



MAT 5746

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

57-La-145



53

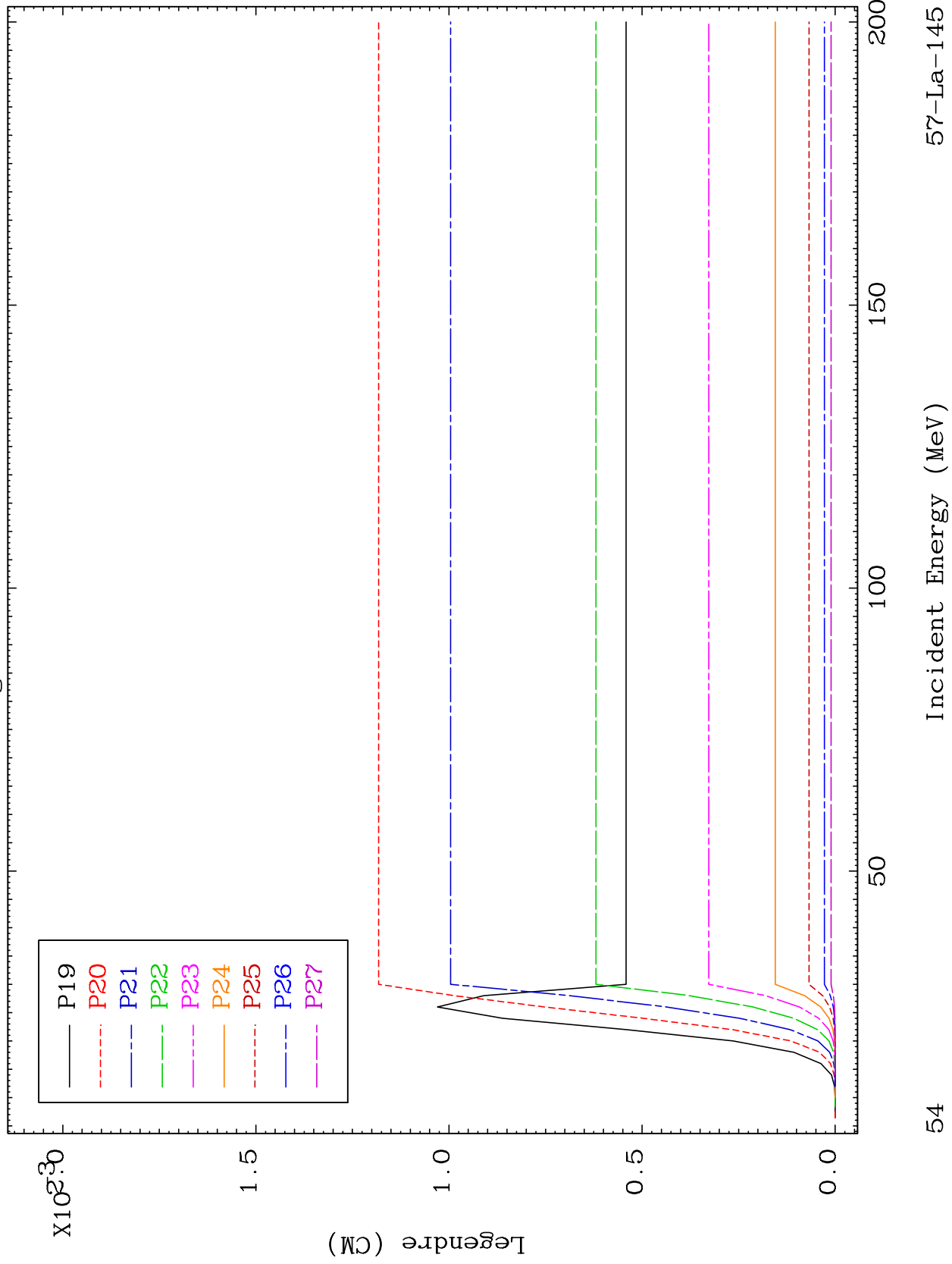
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



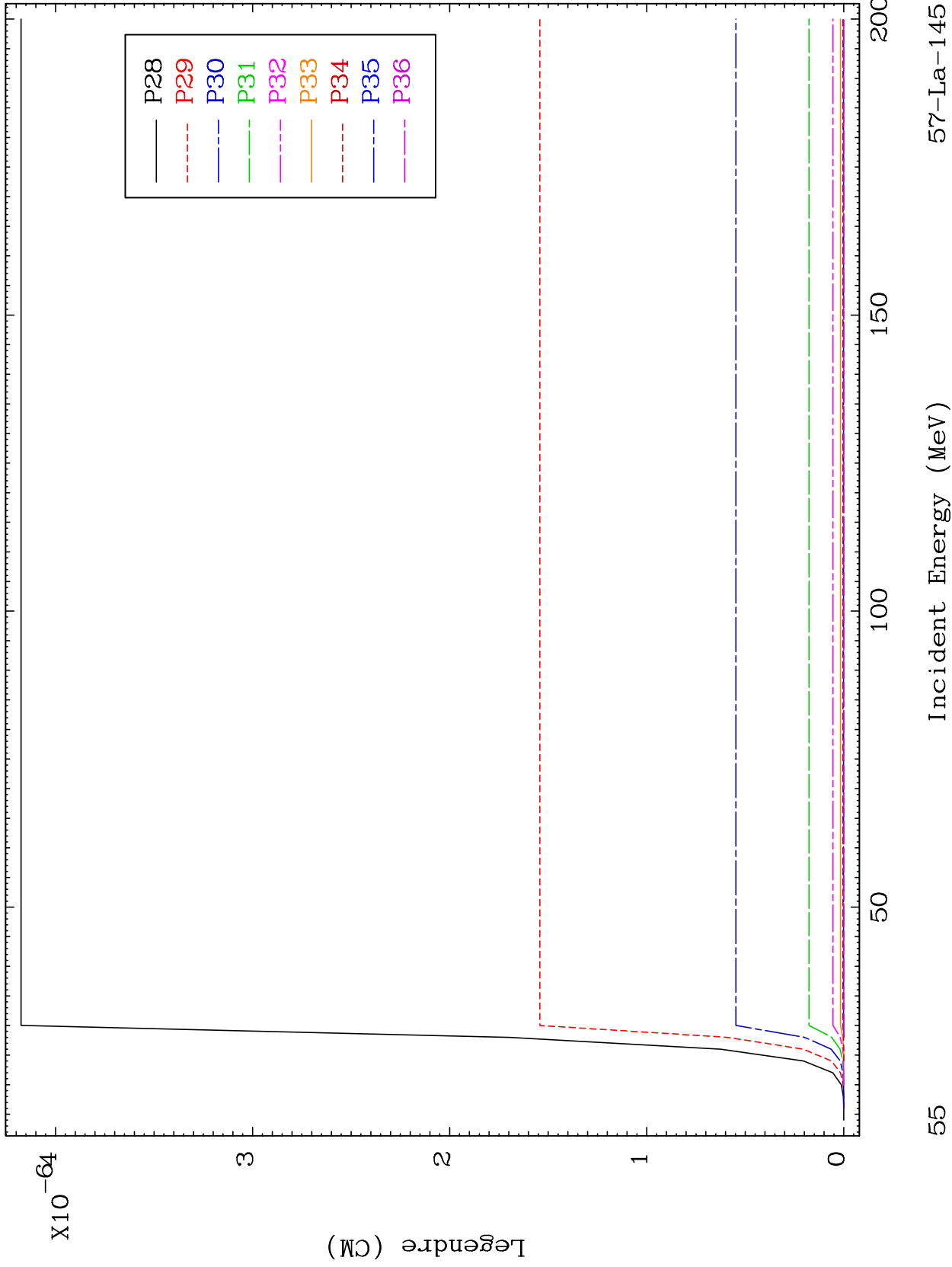
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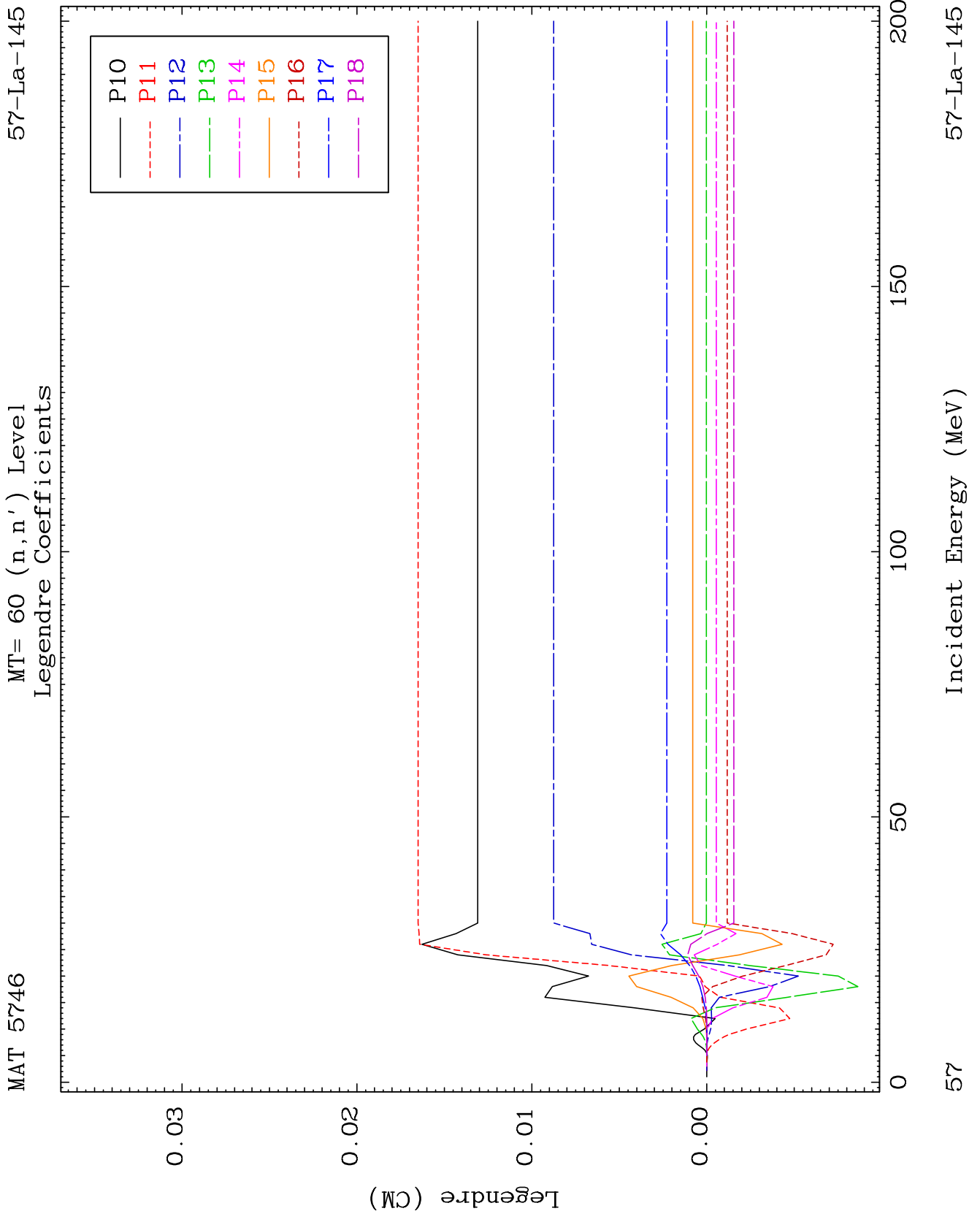
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MAT 5746

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

57-La-145

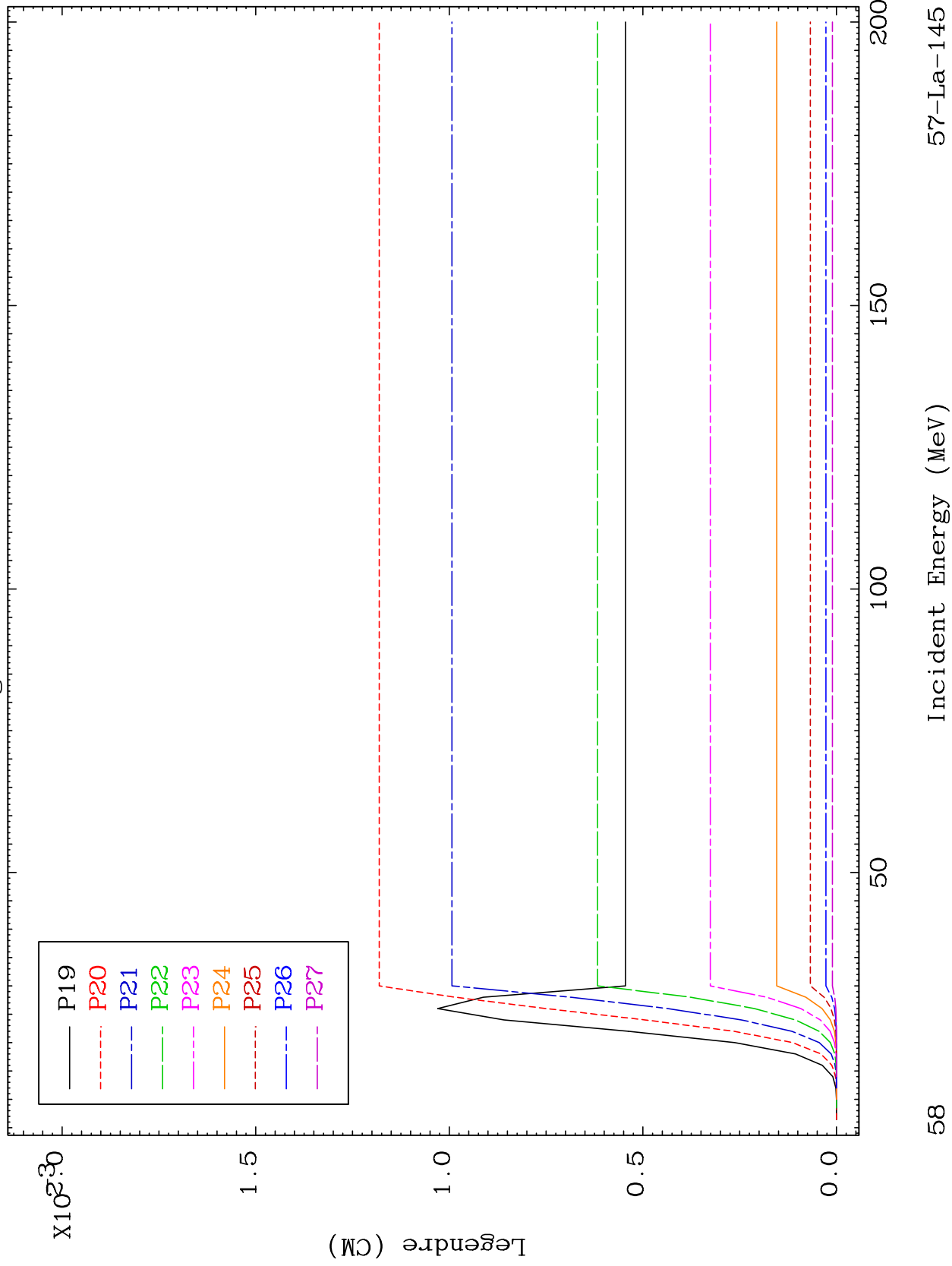




MAT 5746

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

57-La-145



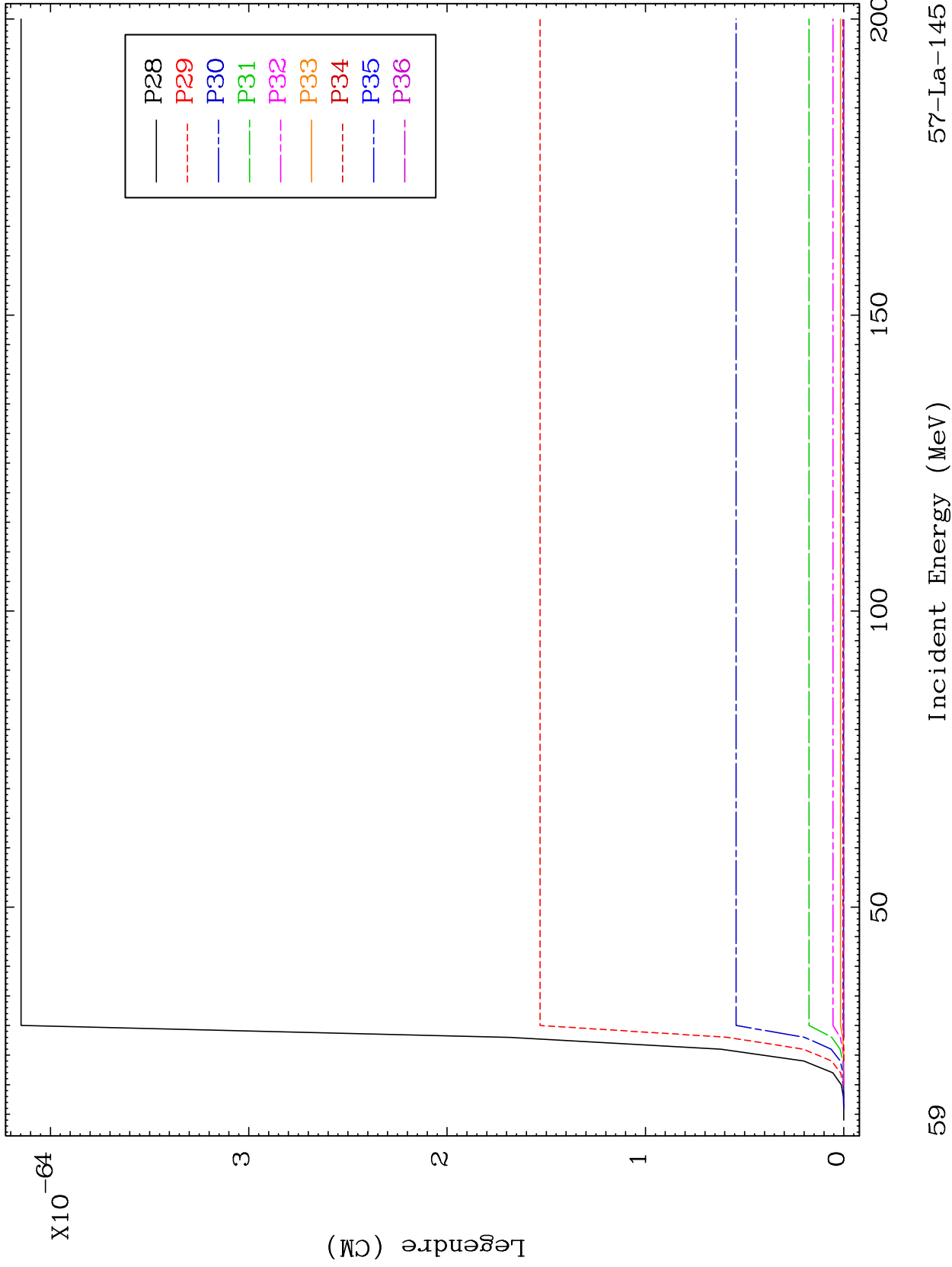
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57-La-145

MAT 5746

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

57-La-145



59

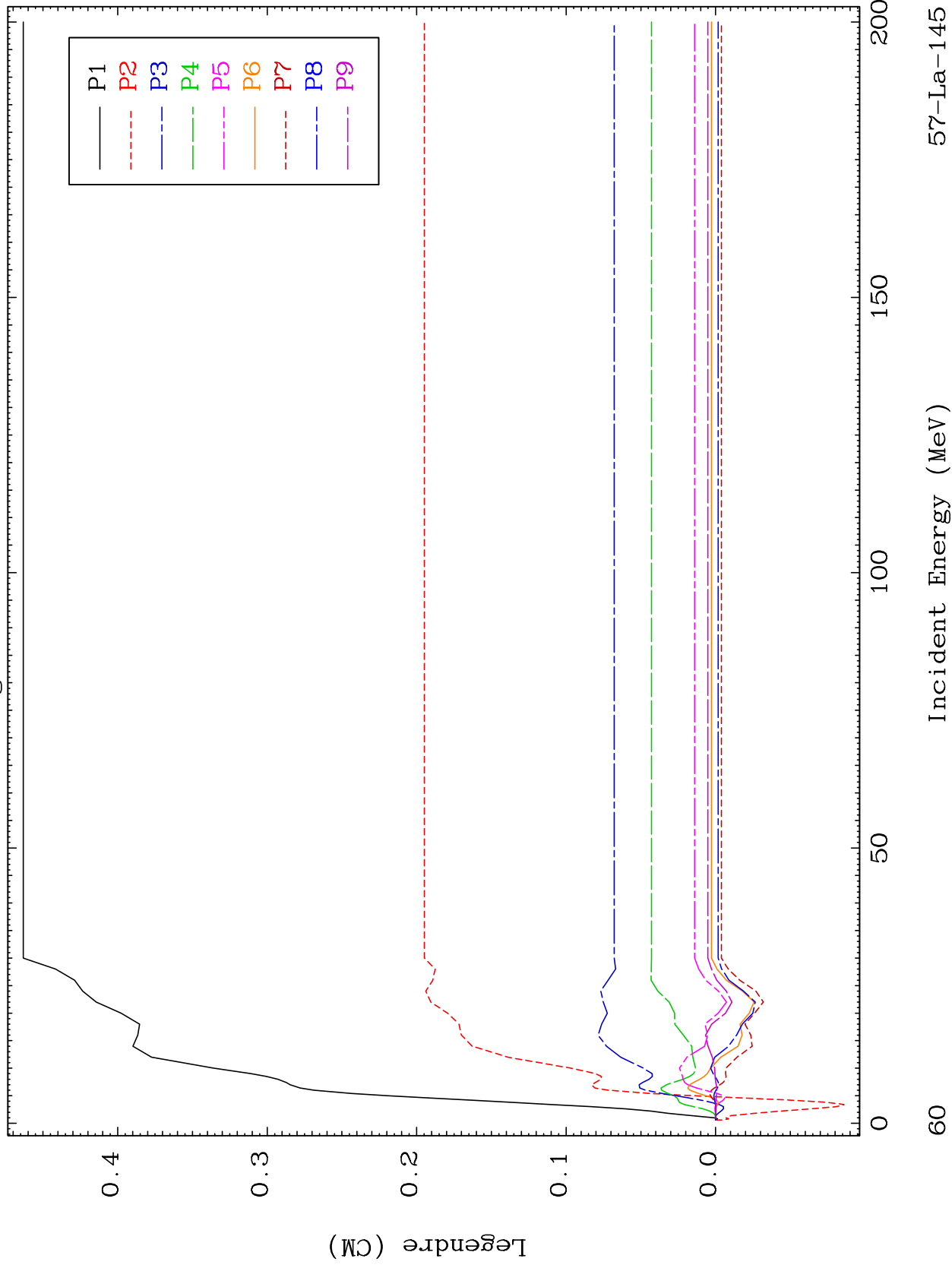
Incident Energy (MeV)

57-La-145

MAT 5746

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

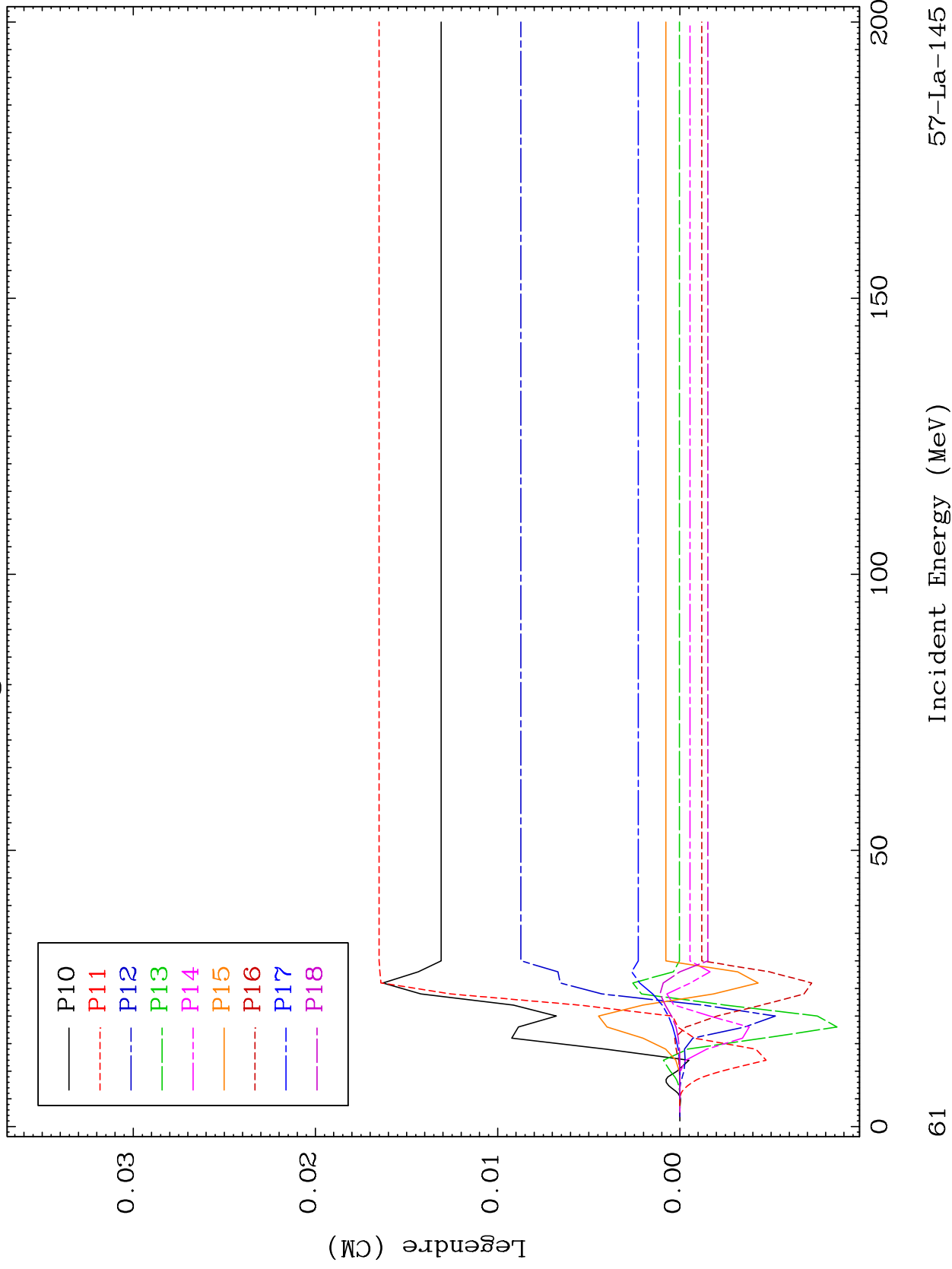
57-La-145



MAT 5746

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

57-La-145



57-La-145

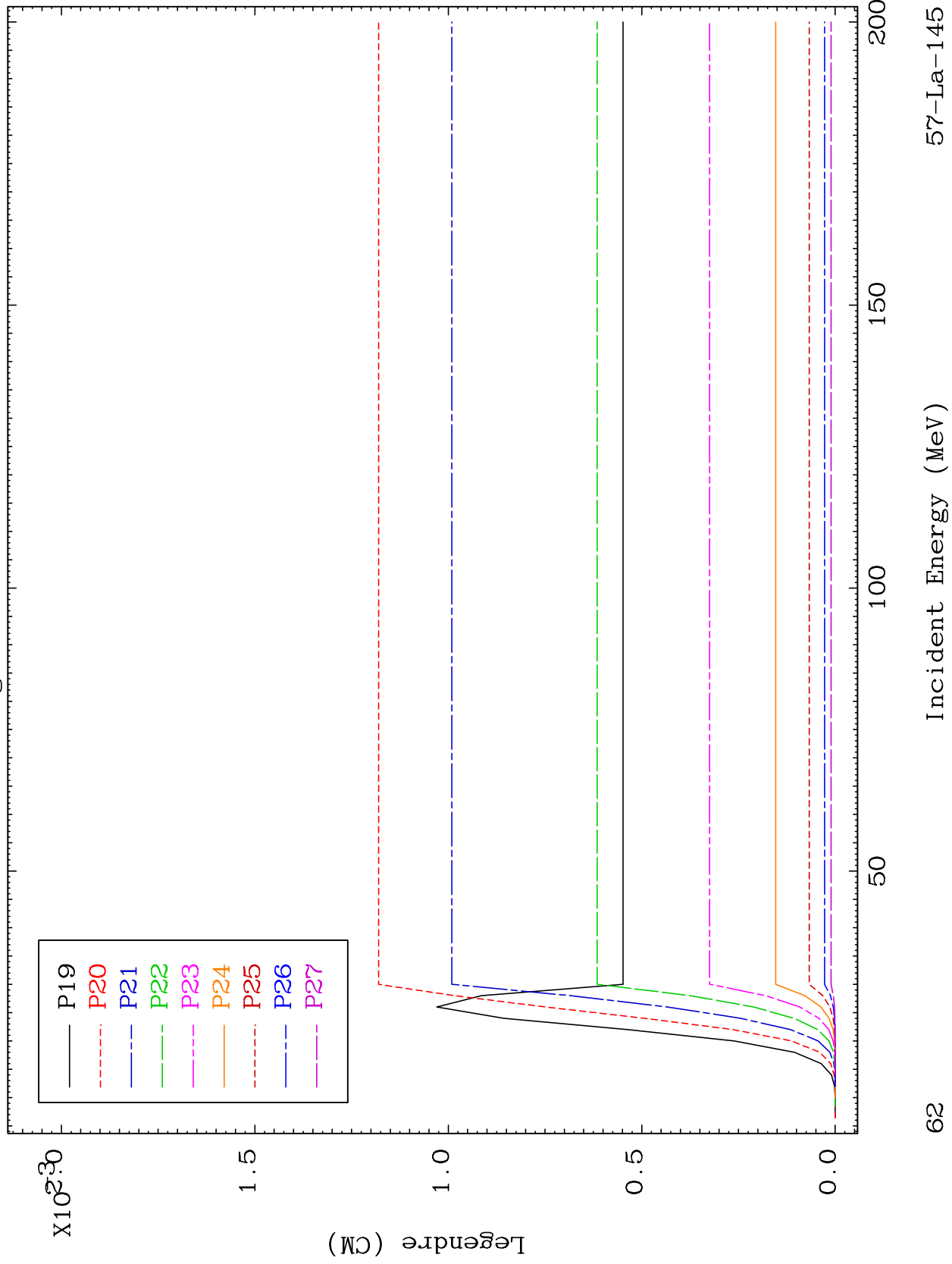
Incident Energy (MeV)

61

MAT 5746

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

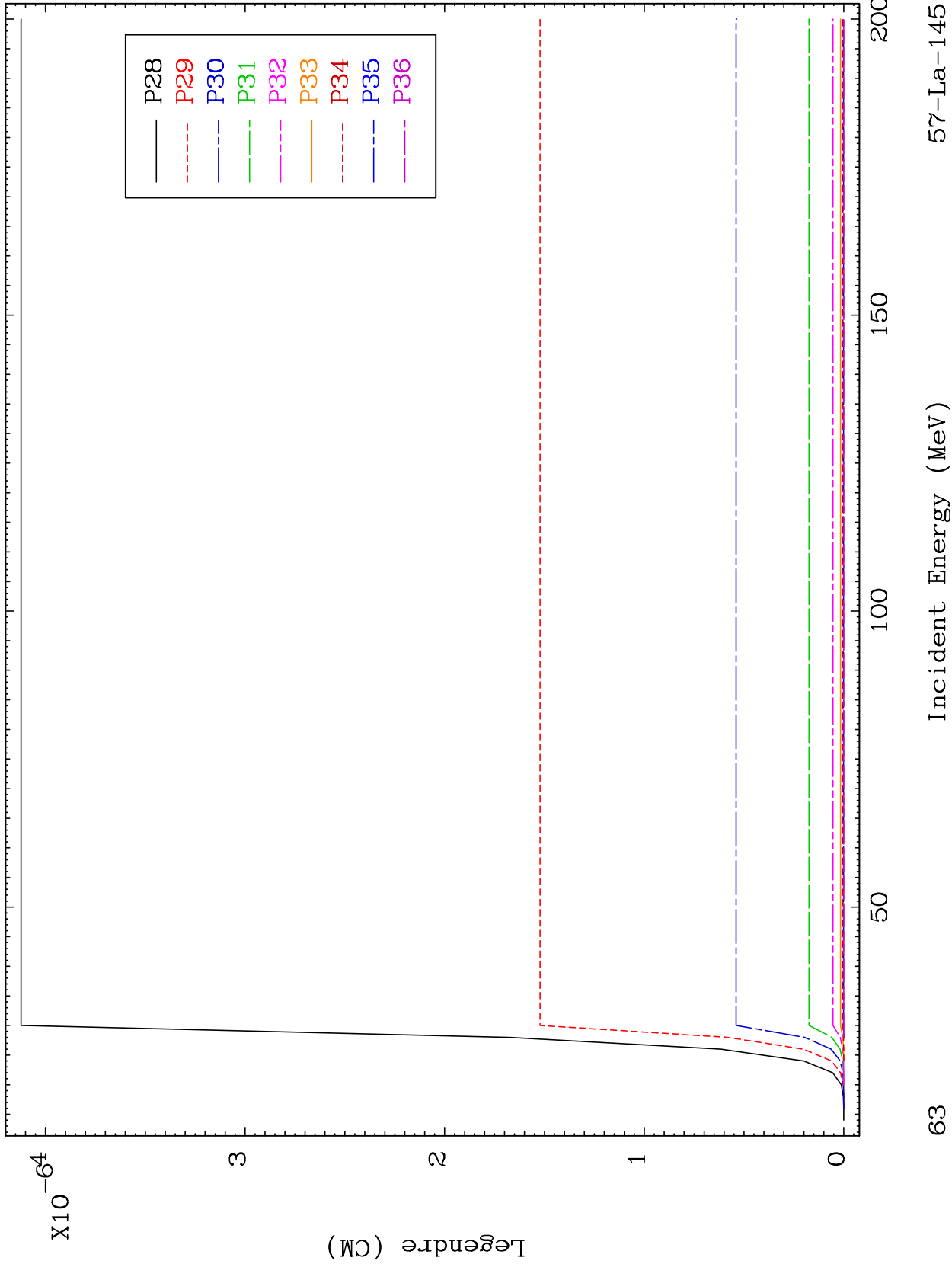
57-La-145



MAT 5746

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

57-La-145



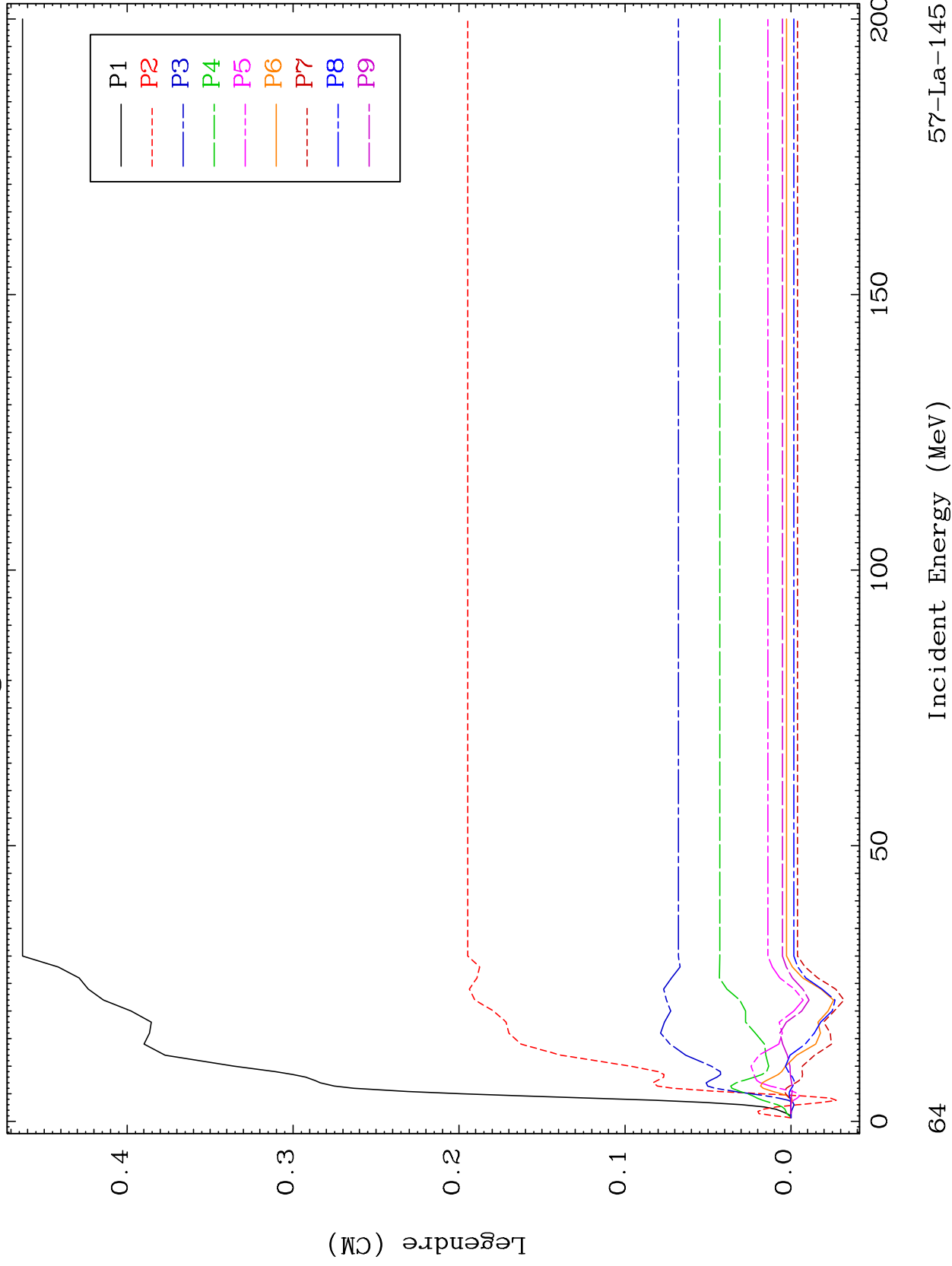
63

57-La-145

MAT 5746

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

57-La-145



57-La-145

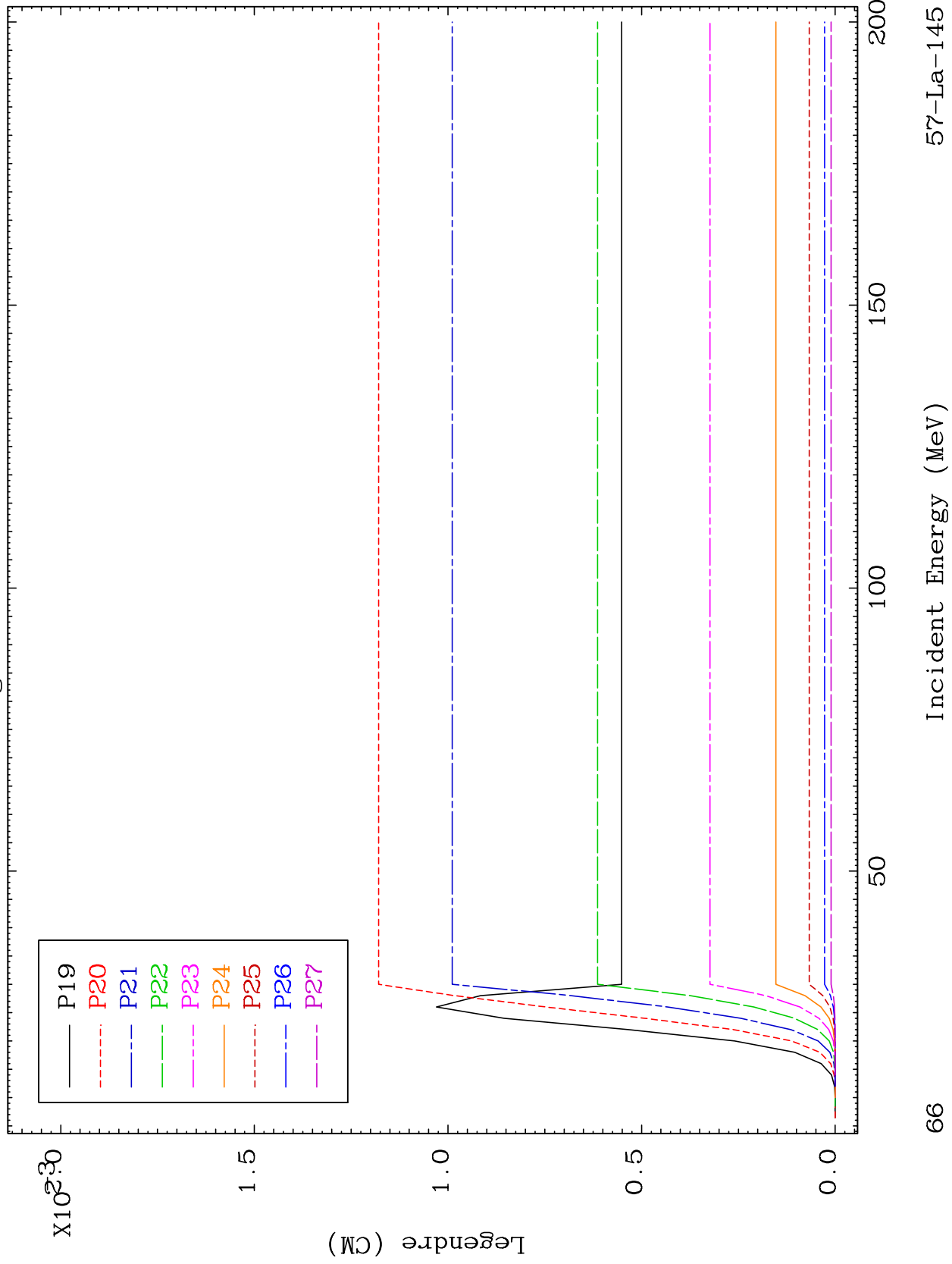
Incident Energy (MeV)

64

MAT 5746

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

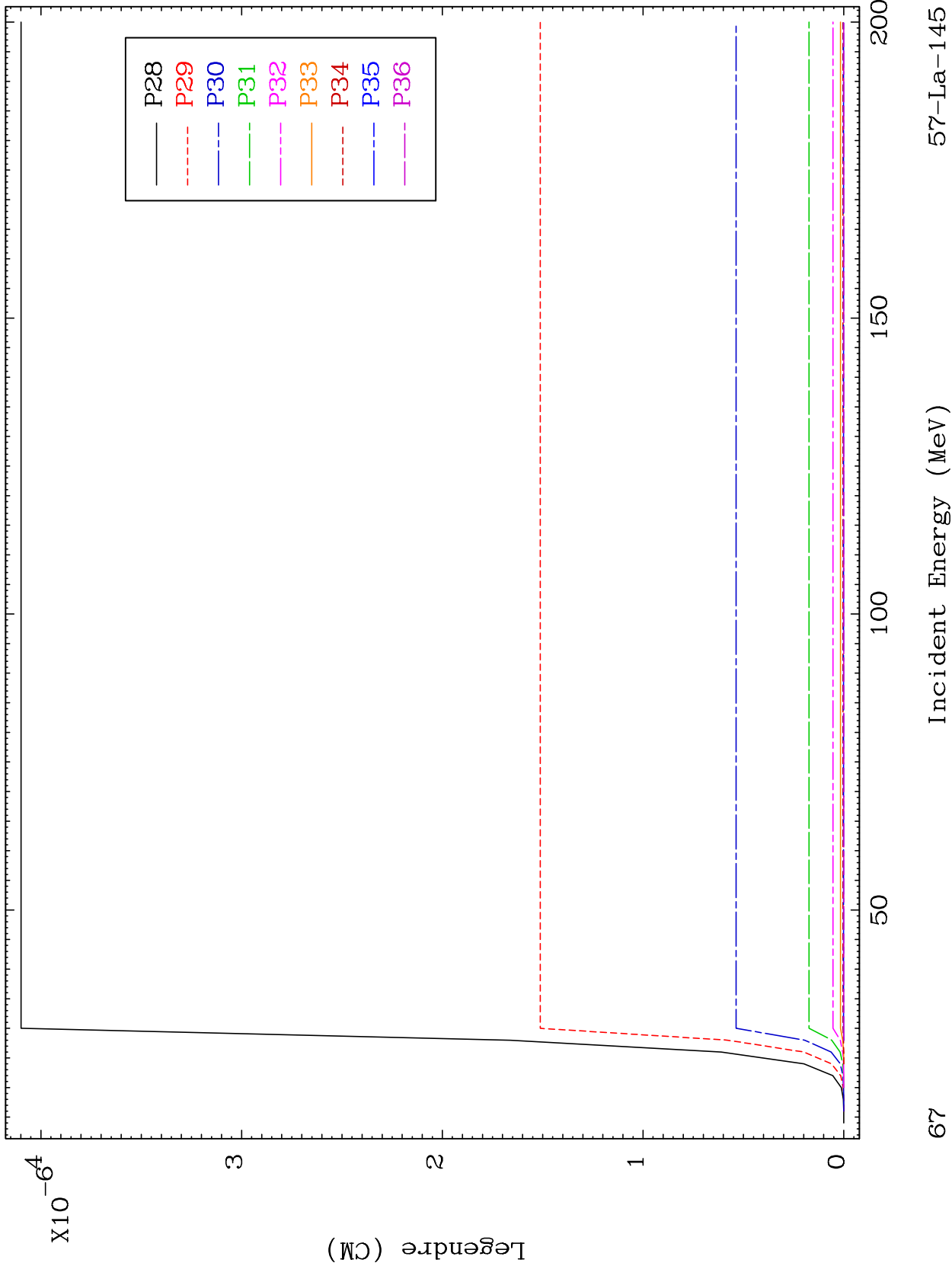
57-La-145



MAT 5746

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

57-La-145



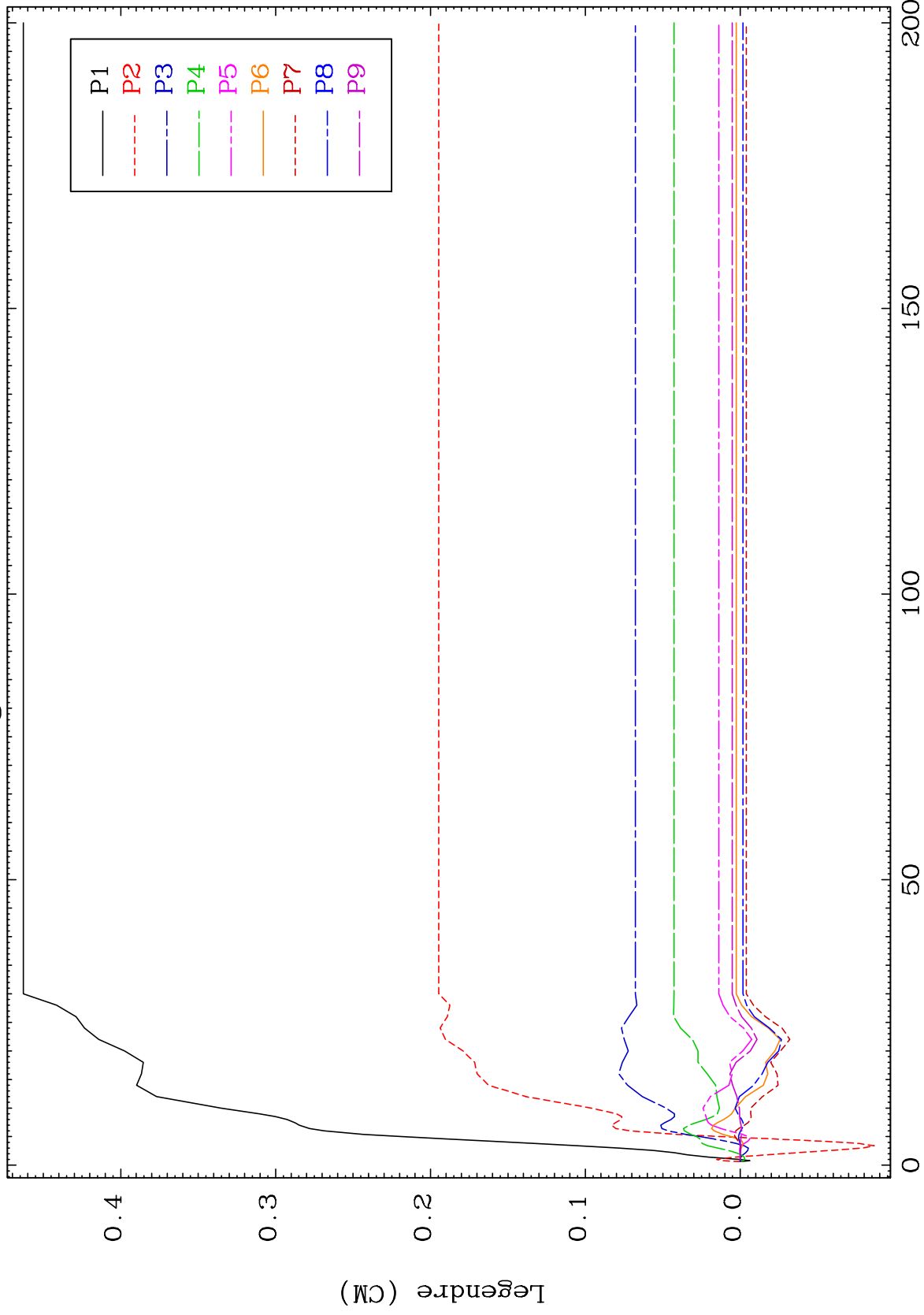
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57-La-145

MAT 5746

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

57-La-145



68

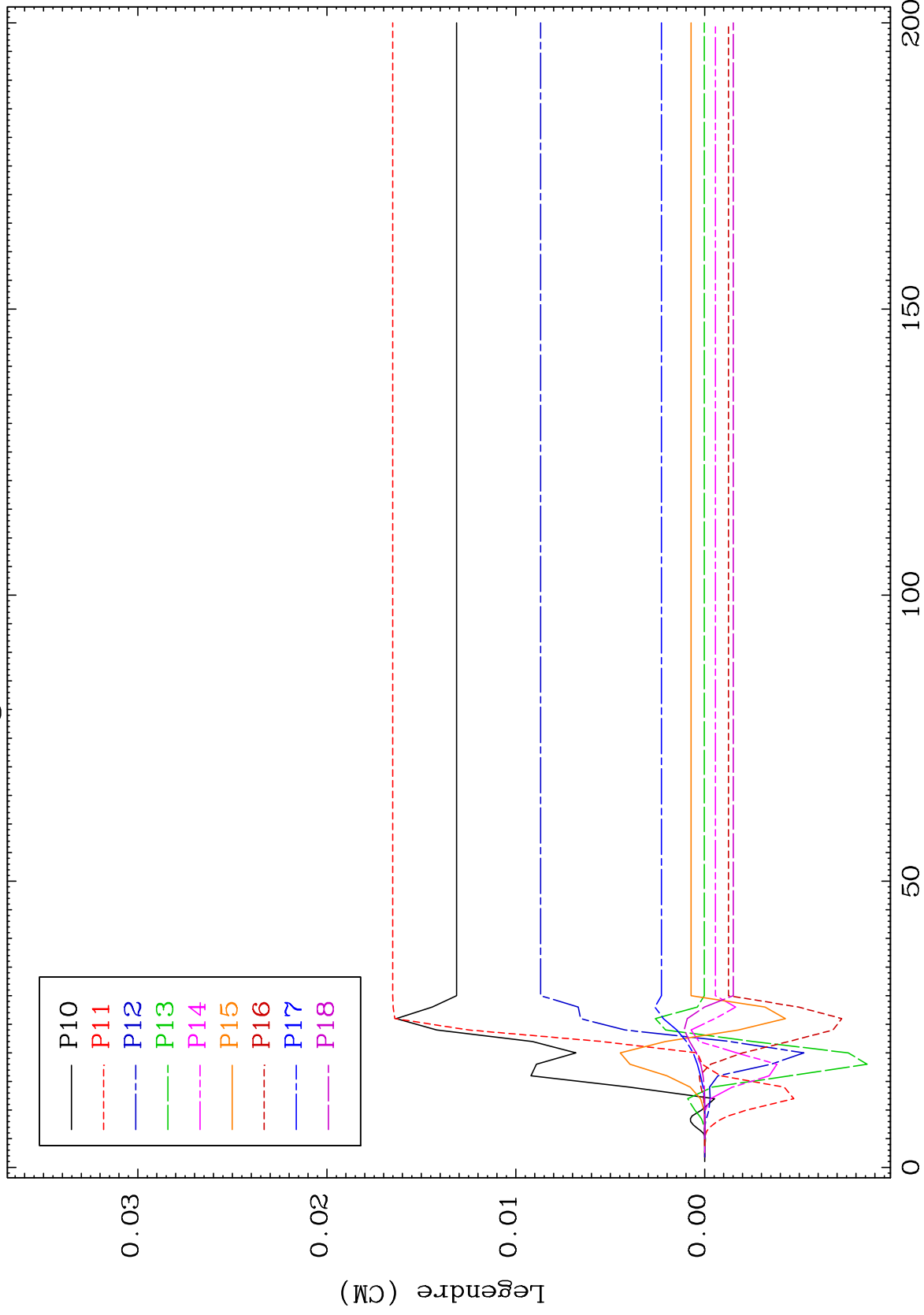
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



69

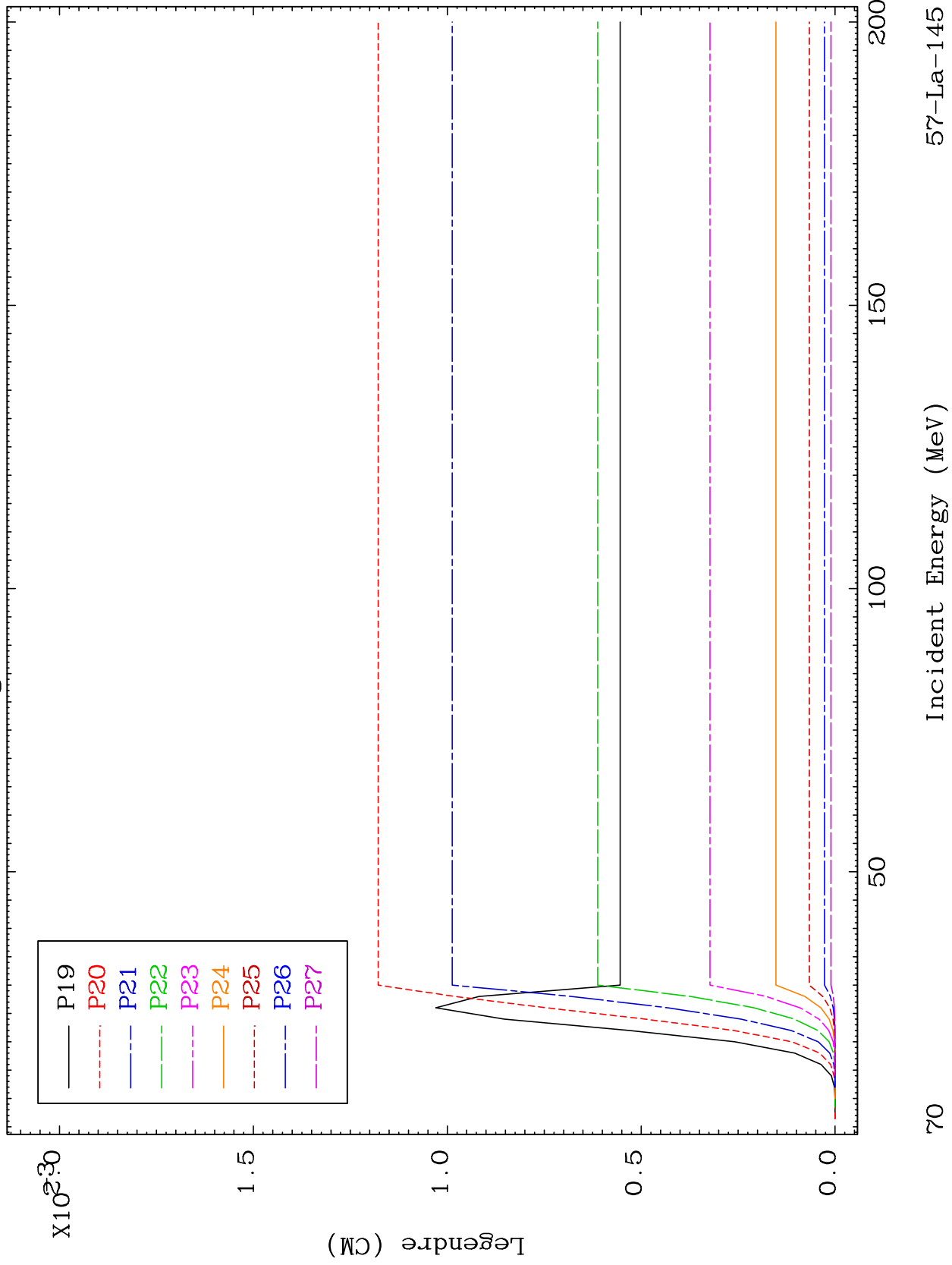
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



70

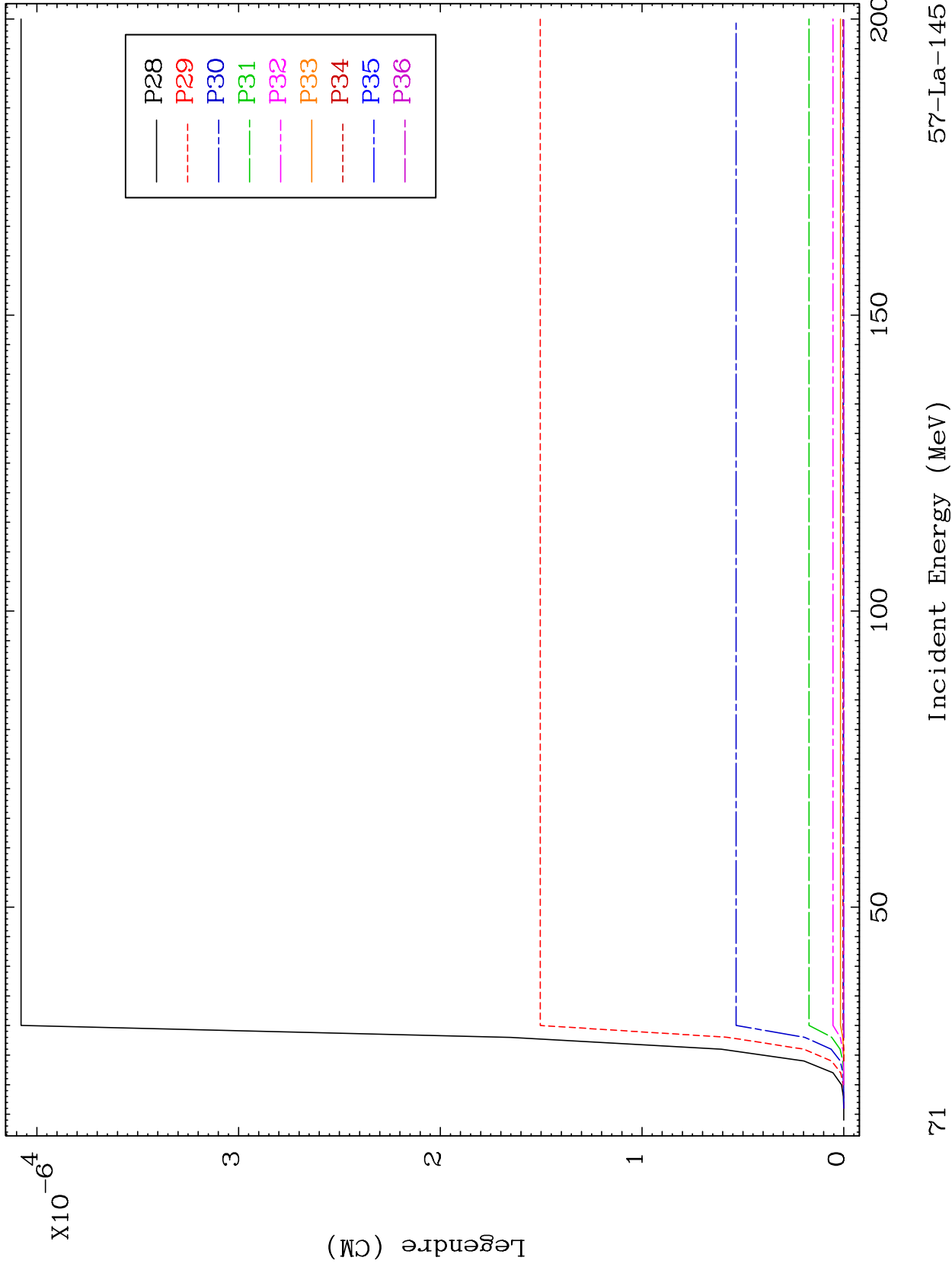
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



71

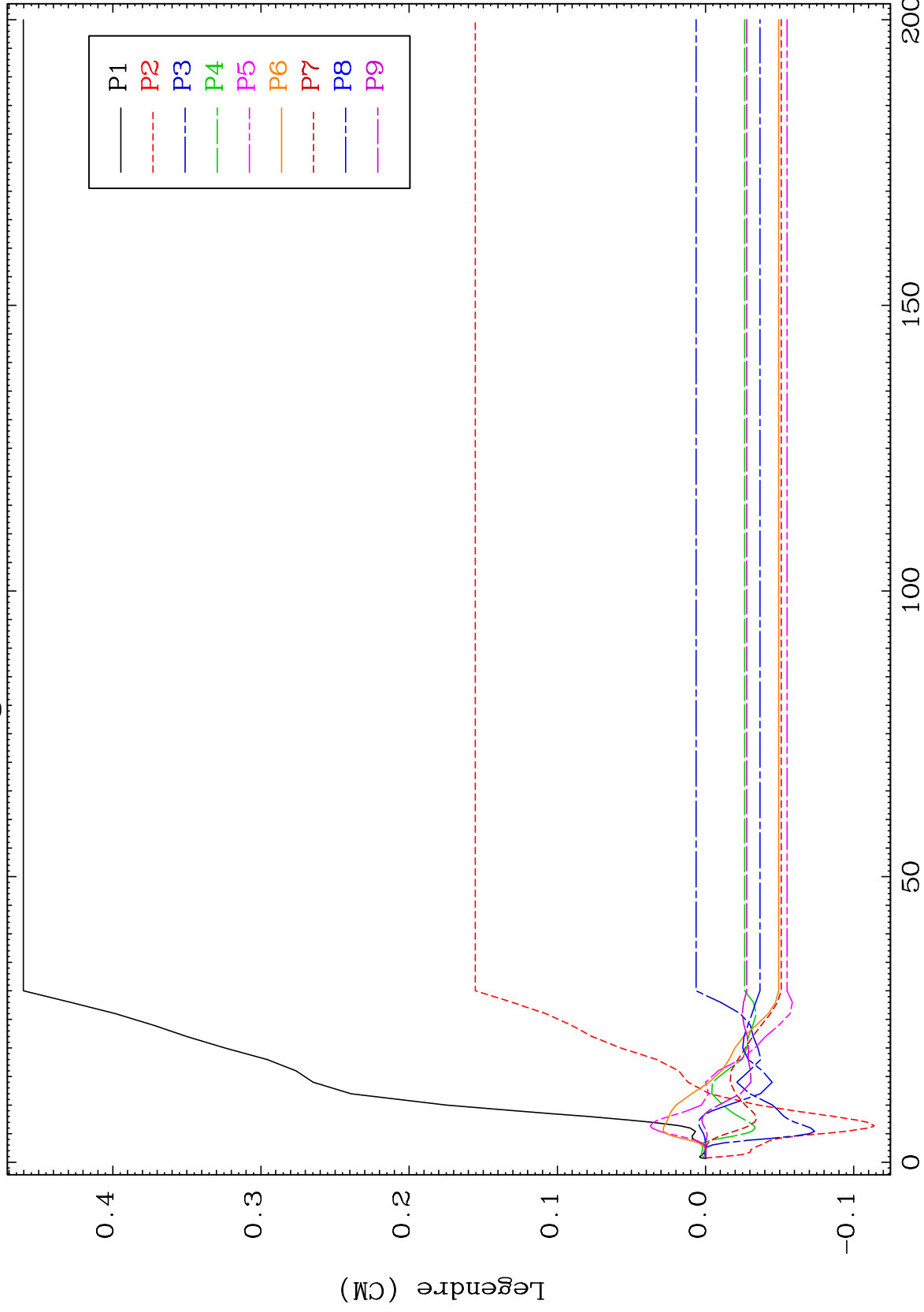
Incident Energy (MeV)

57-La-145

MAT 5746

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

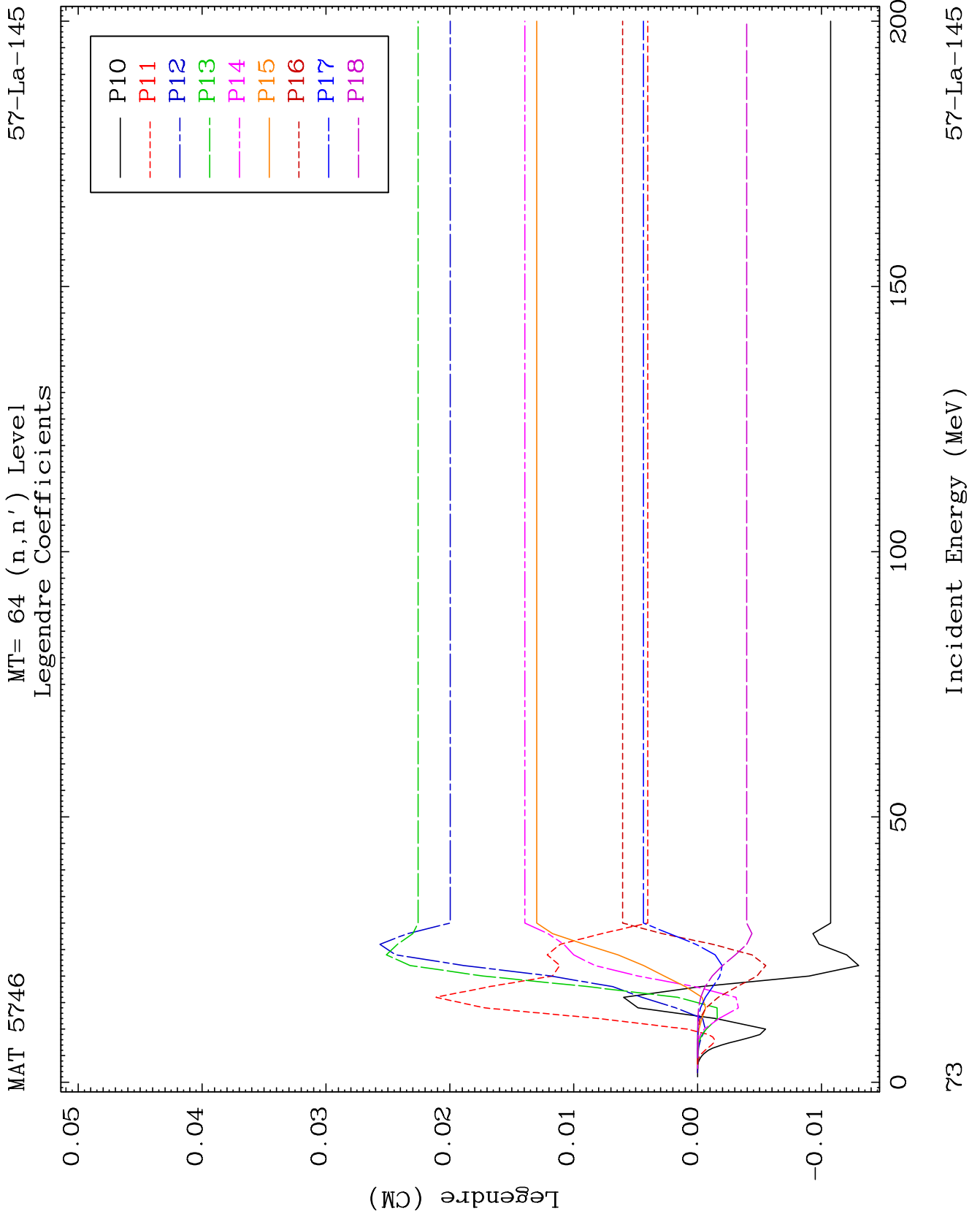
57-La-145



72

Incident Energy (MeV)

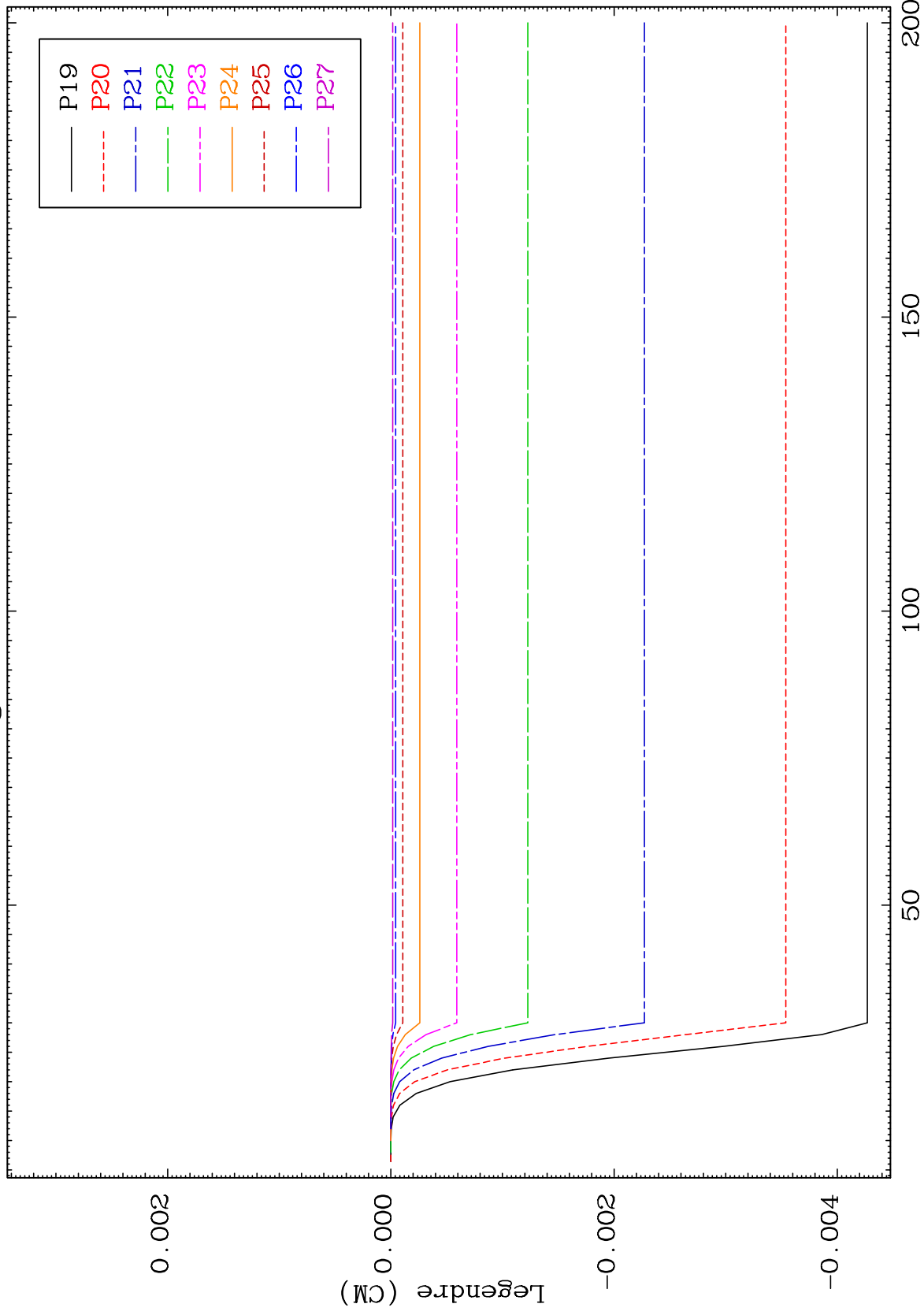
57-La-145



MAT 5746

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

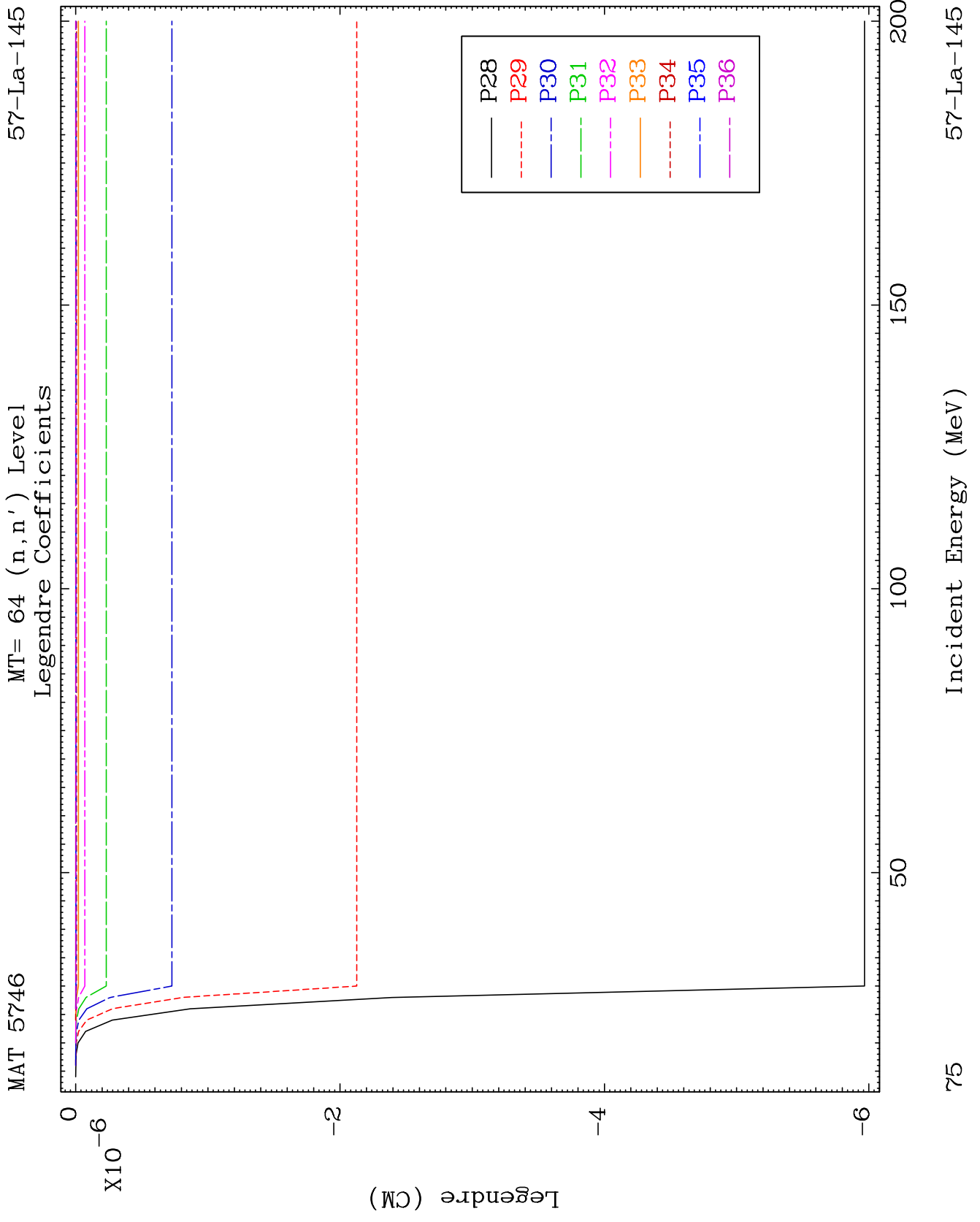
57-La-145

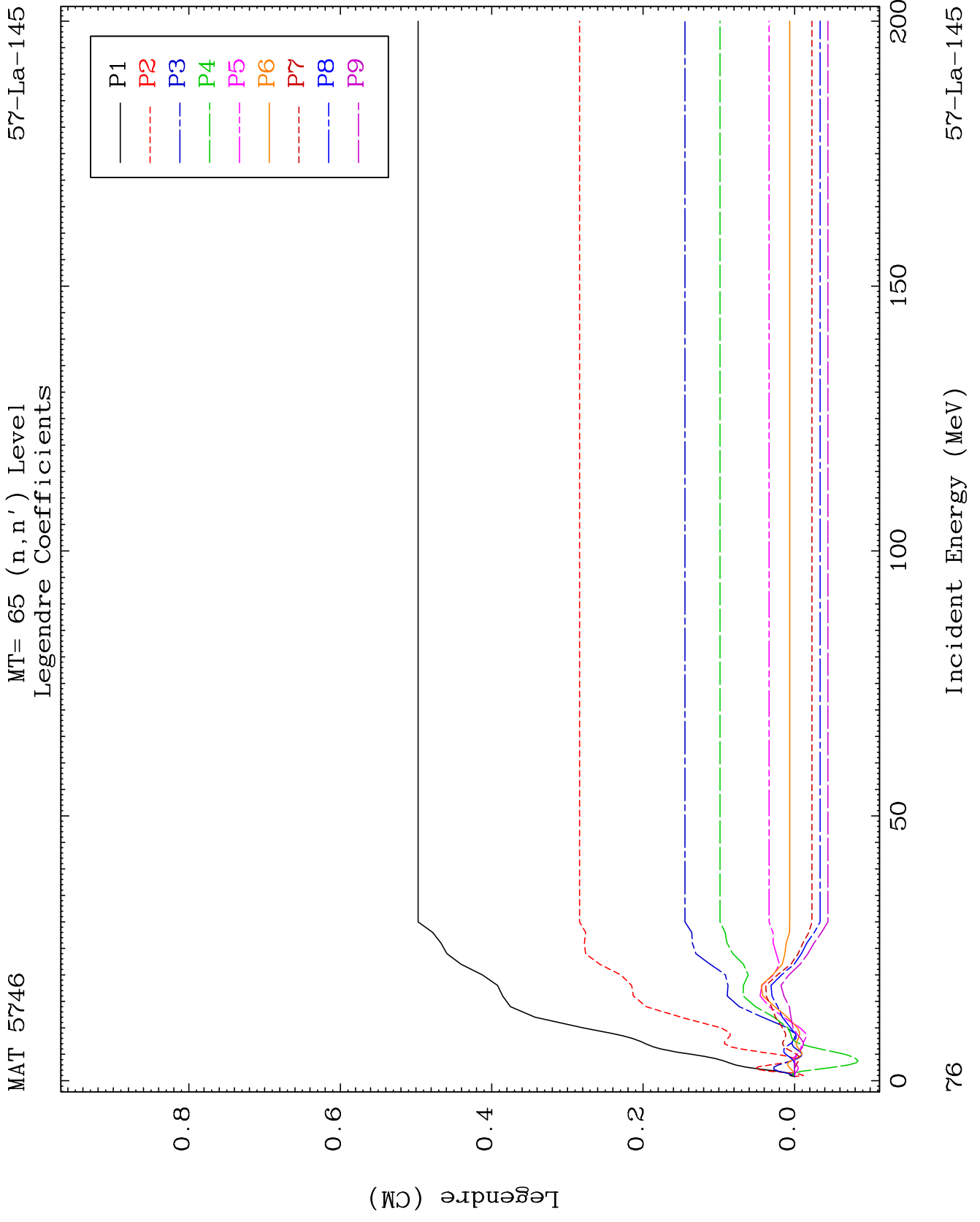


74

Incident Energy (MeV)

57-La-145

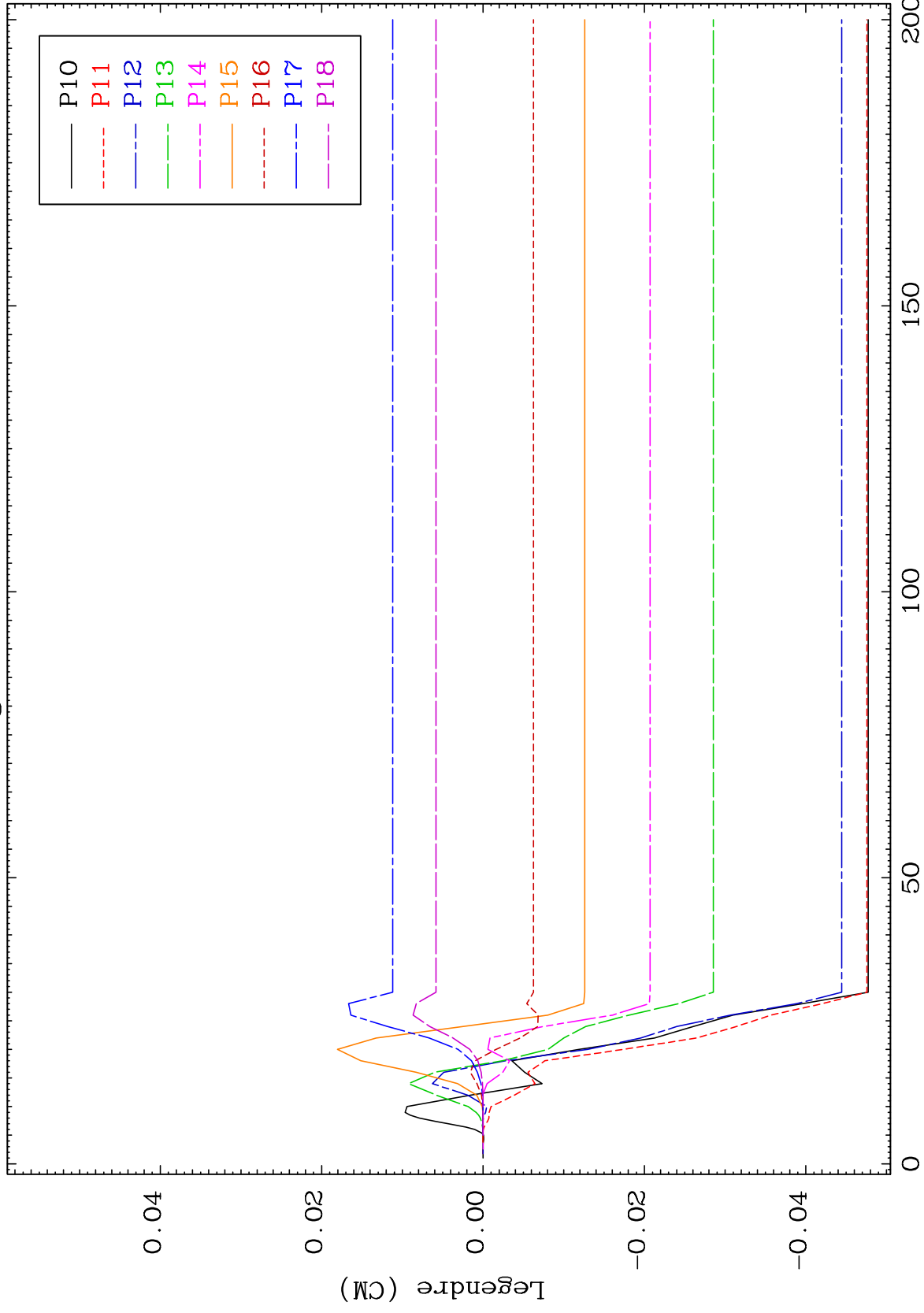




MAT 5746

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

57-La-145



77

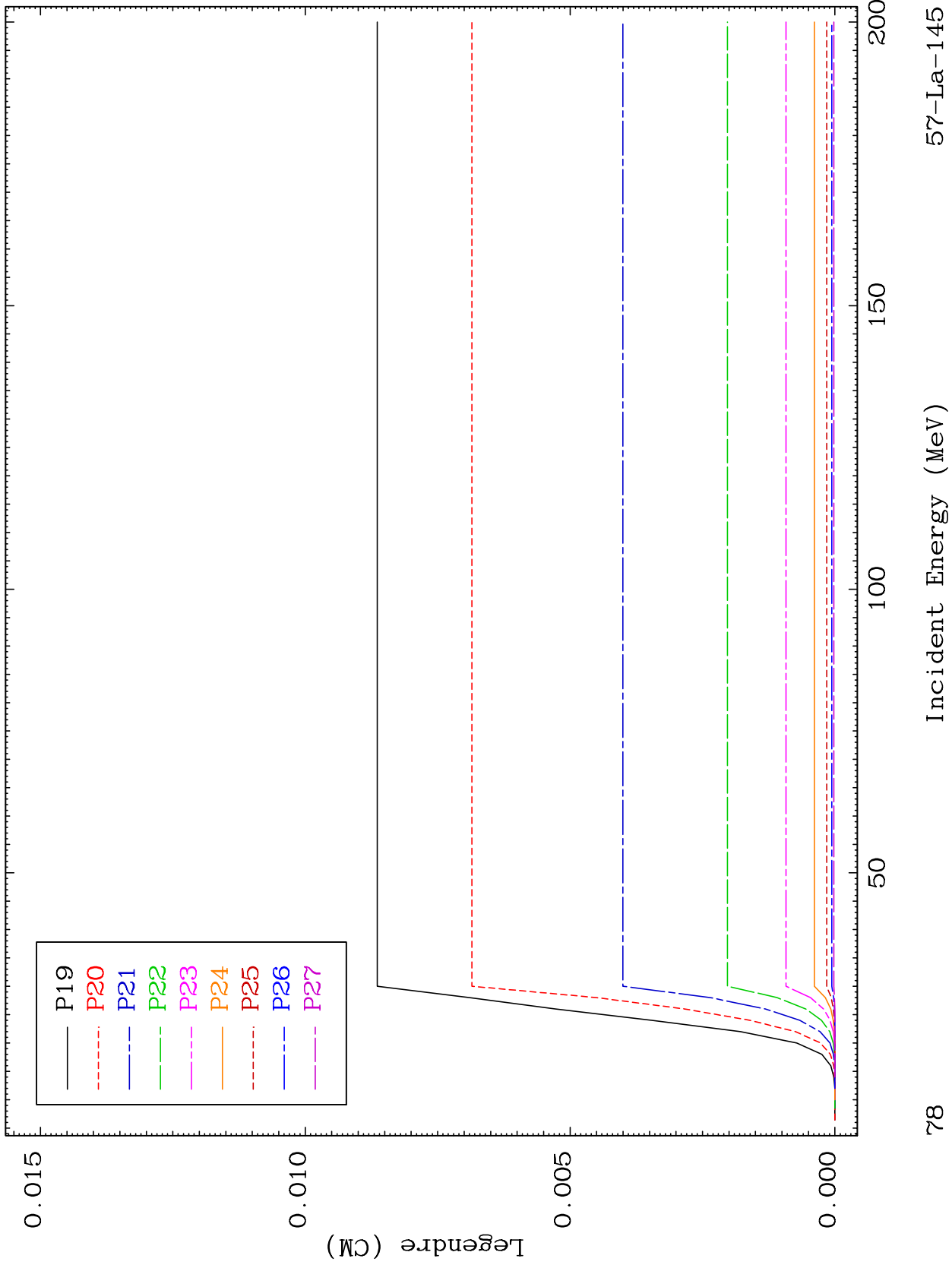
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



78

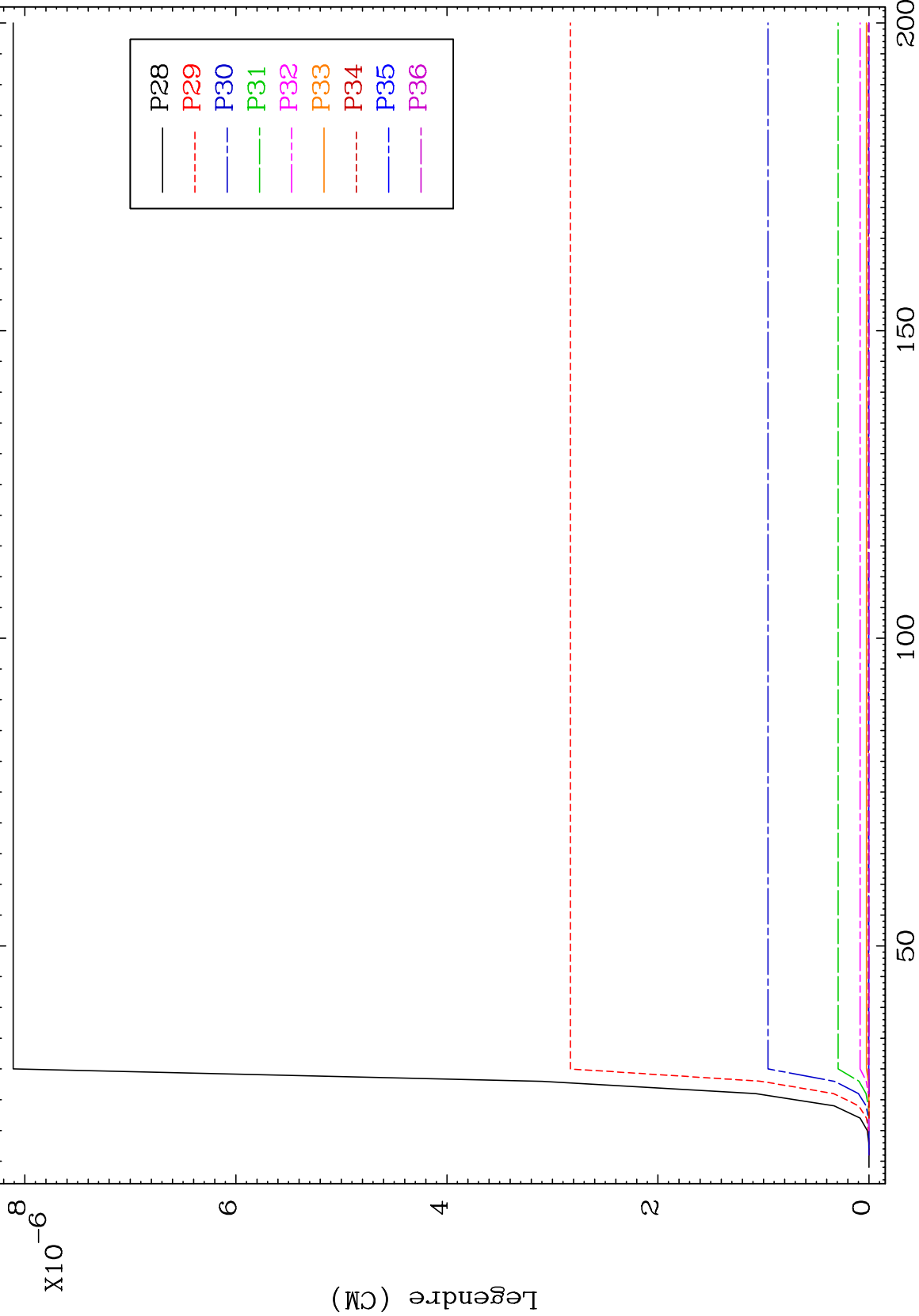
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



79

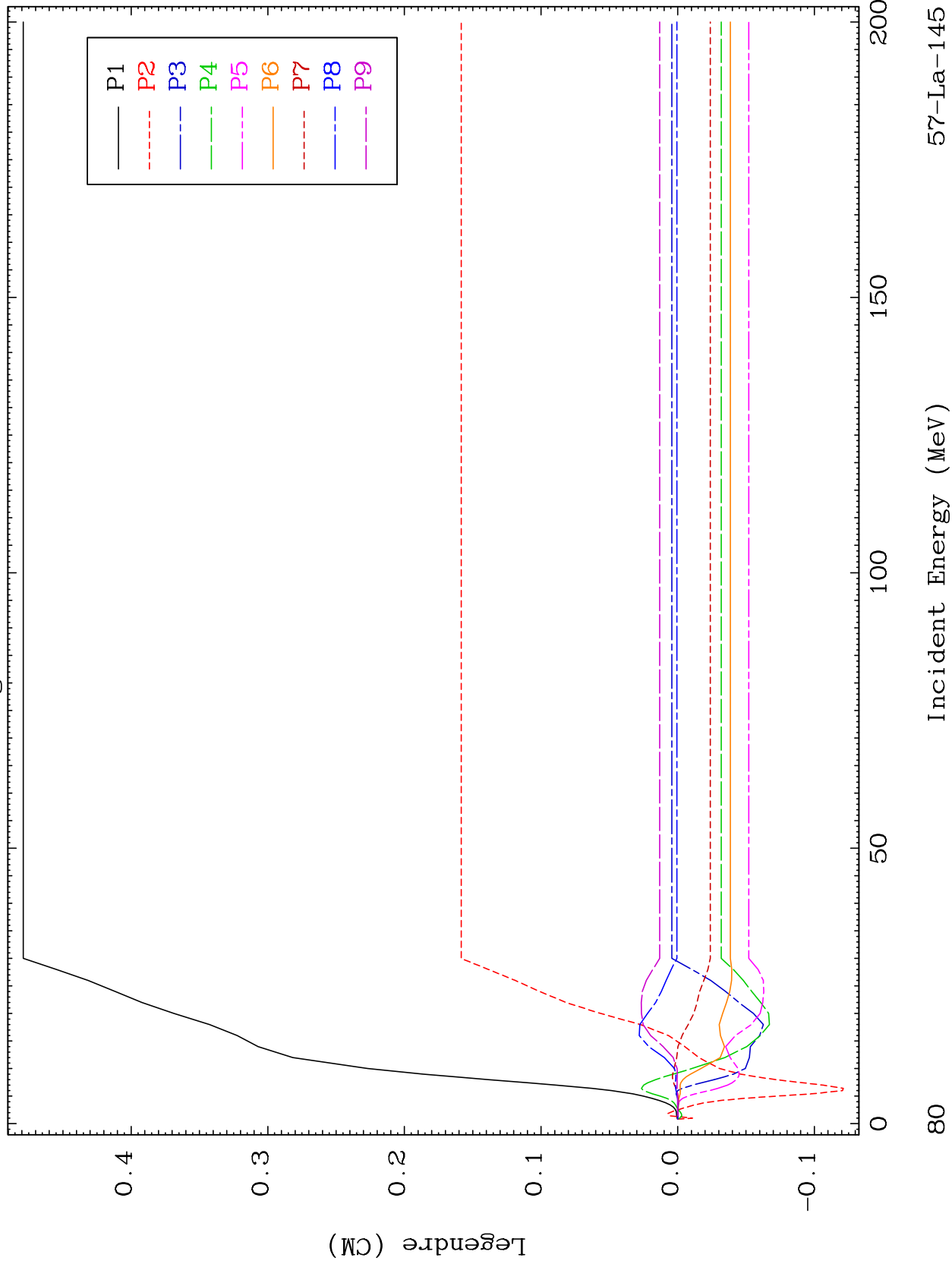
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



57-La-145

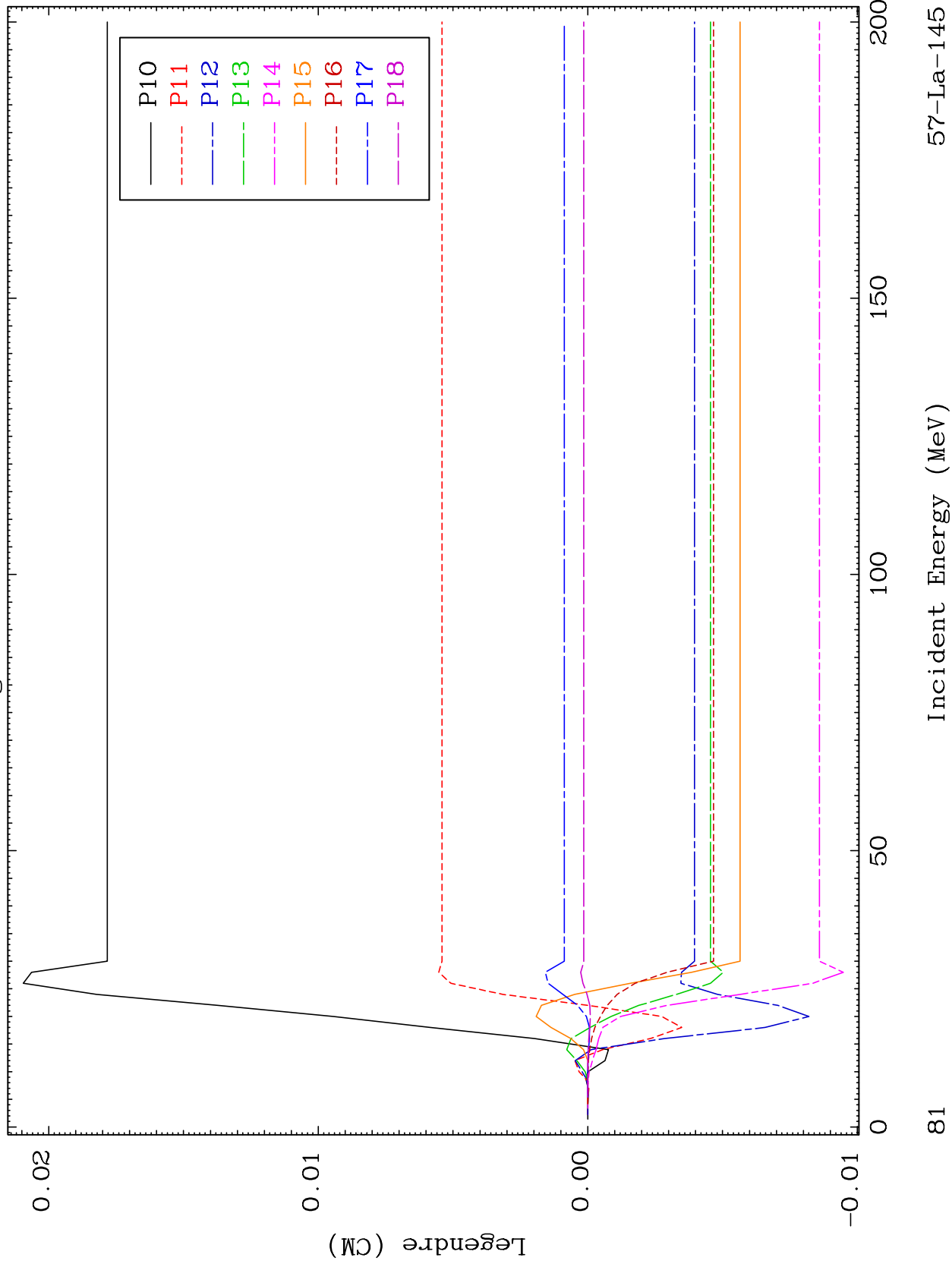
Incident Energy (MeV)

80

MAT 5746

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

57-La-145



81

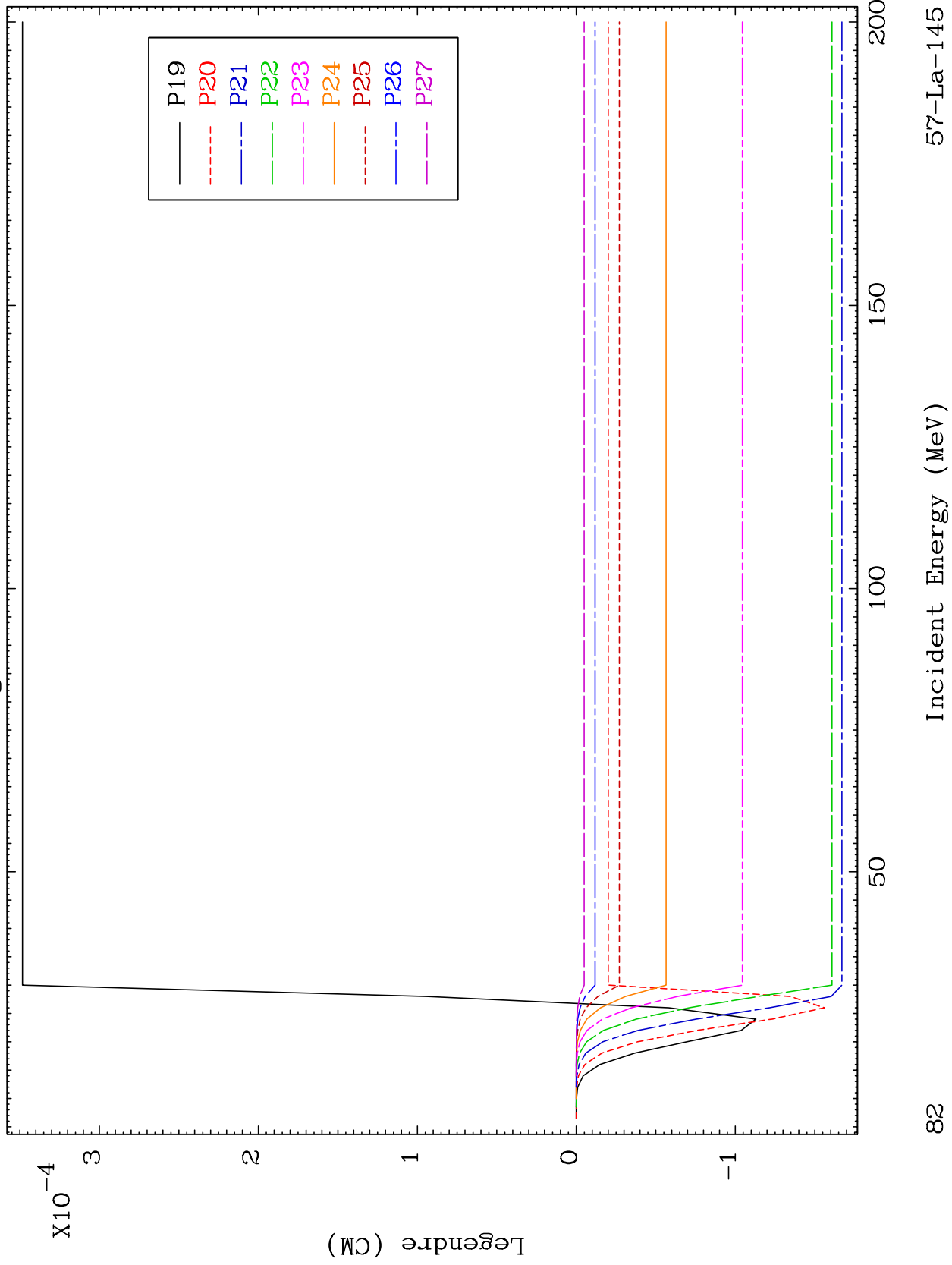
Incident Energy (MeV)

57-La-145

MAT 5746

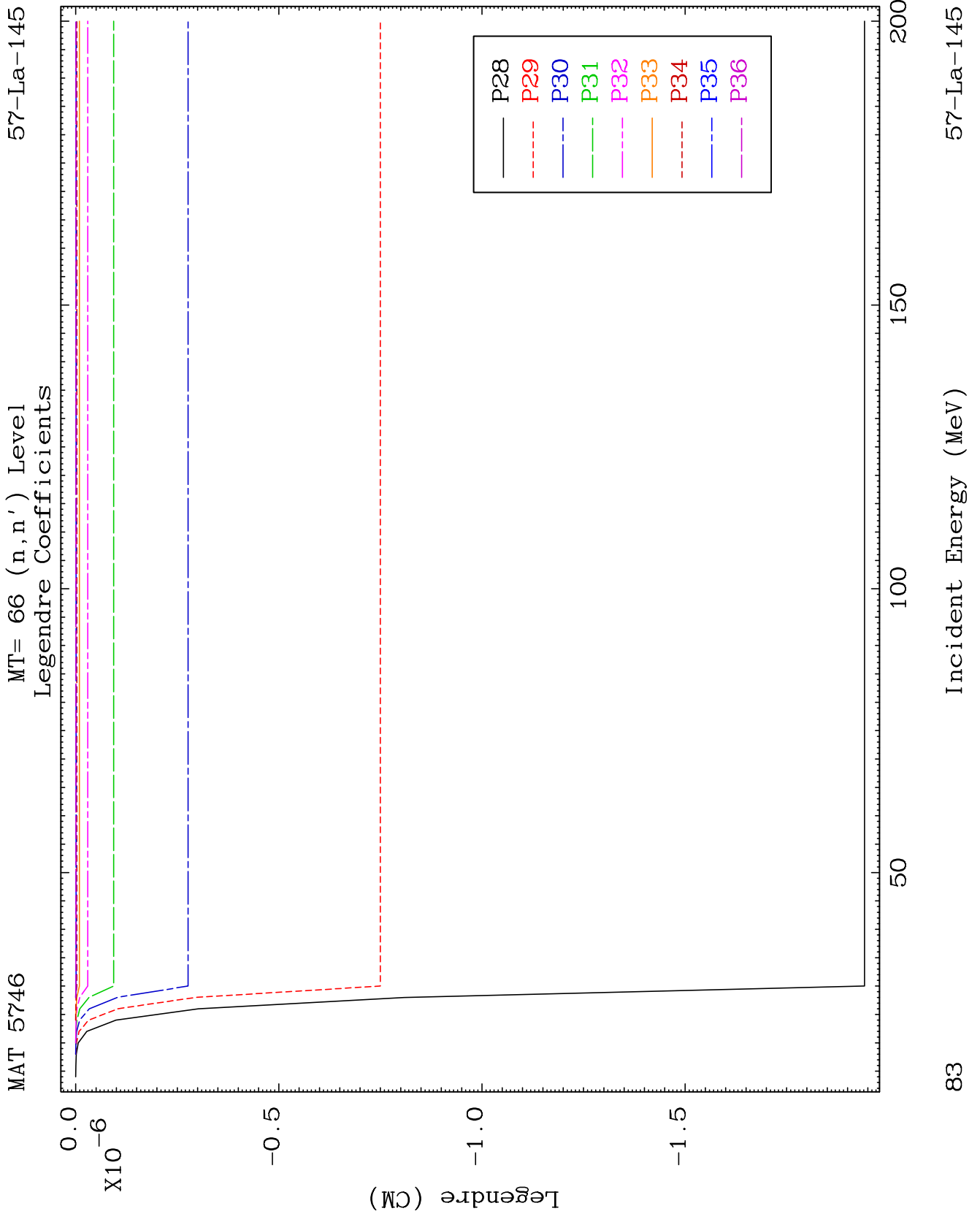
MT= 66 (n,n') Level
Legendre Coefficients

57-La-145



82

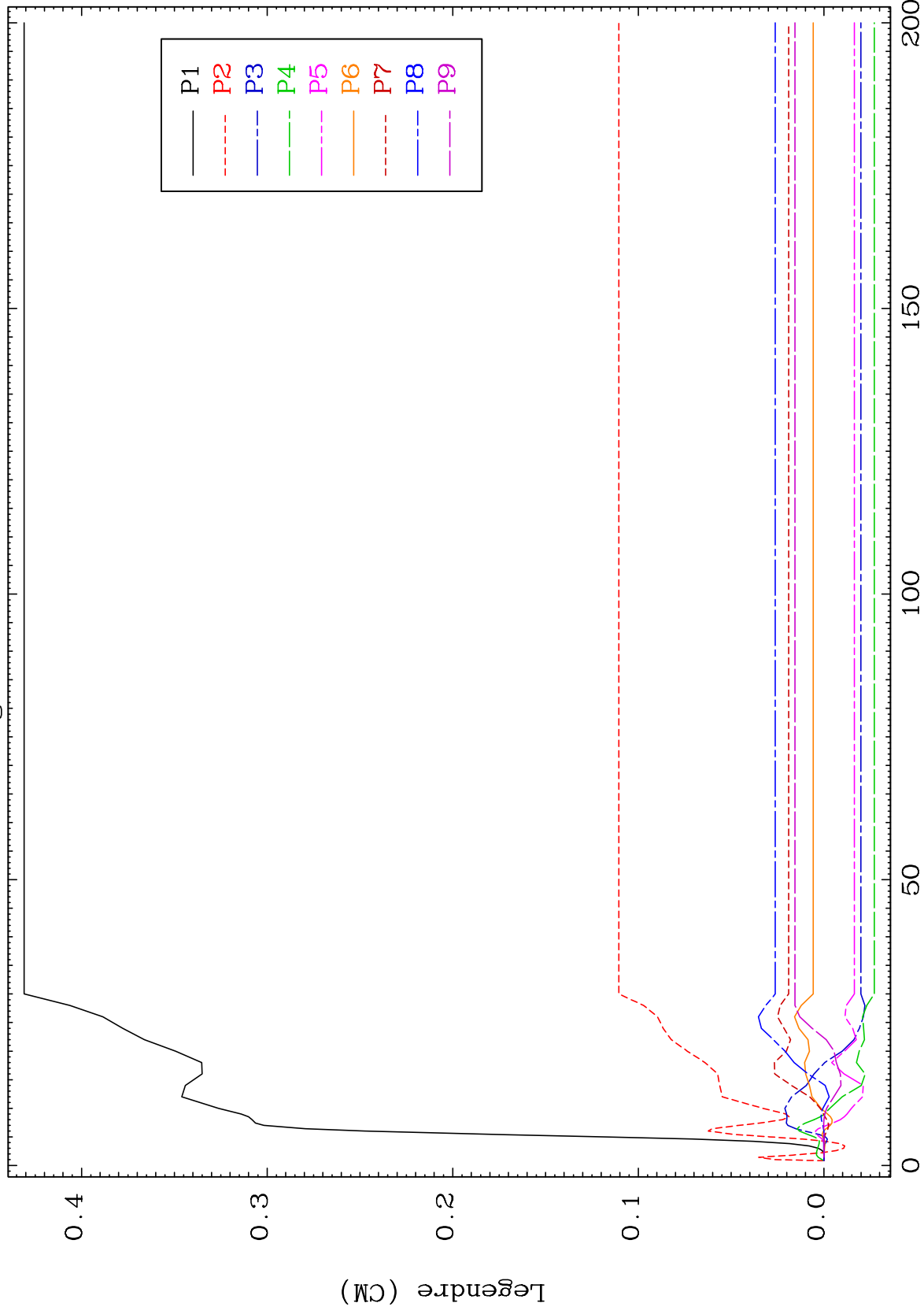
57-La-145



MAT 5746

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

57-La-145



84

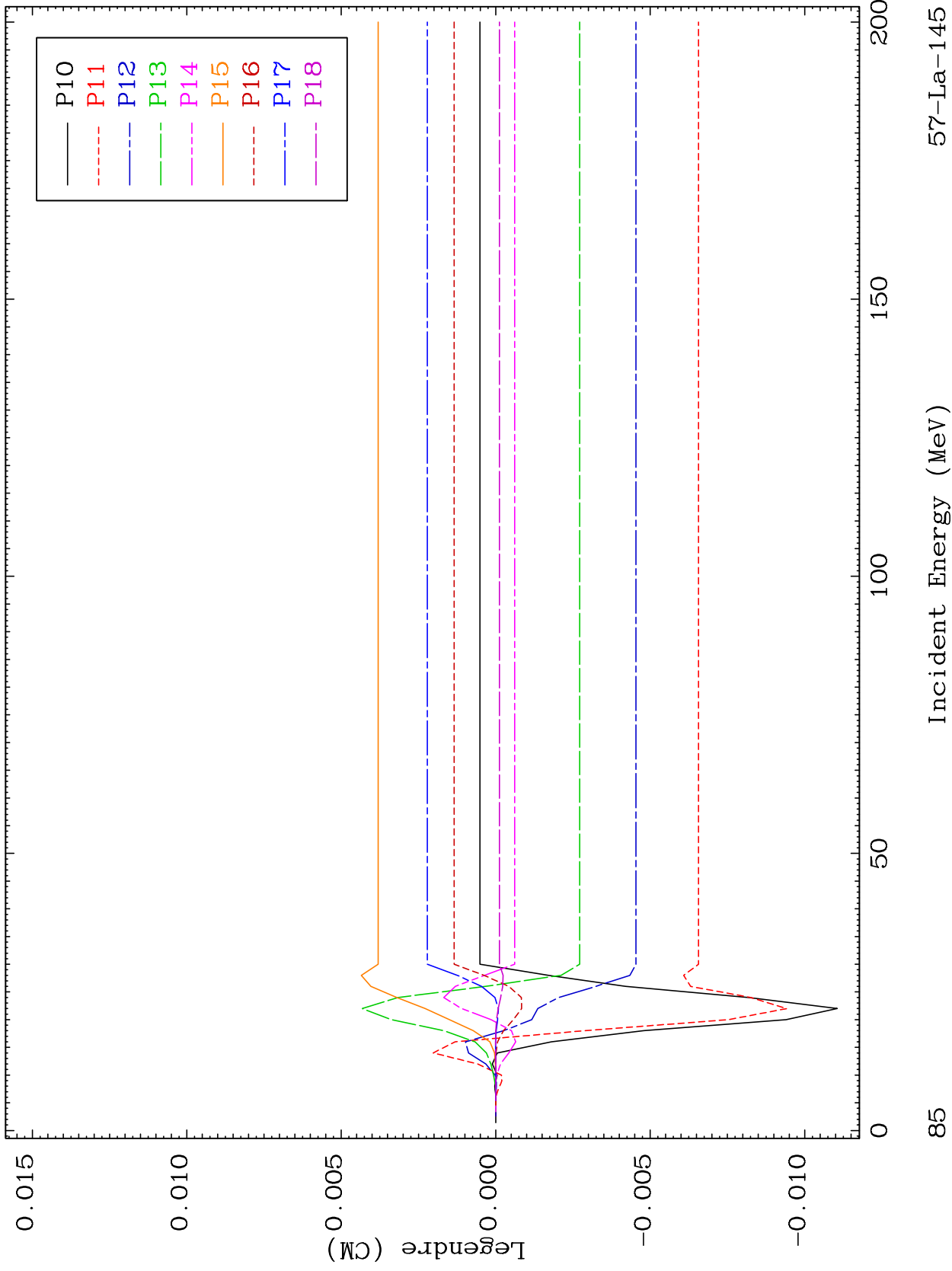
Incident Energy (MeV)

57-La-145

MAT 5746

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

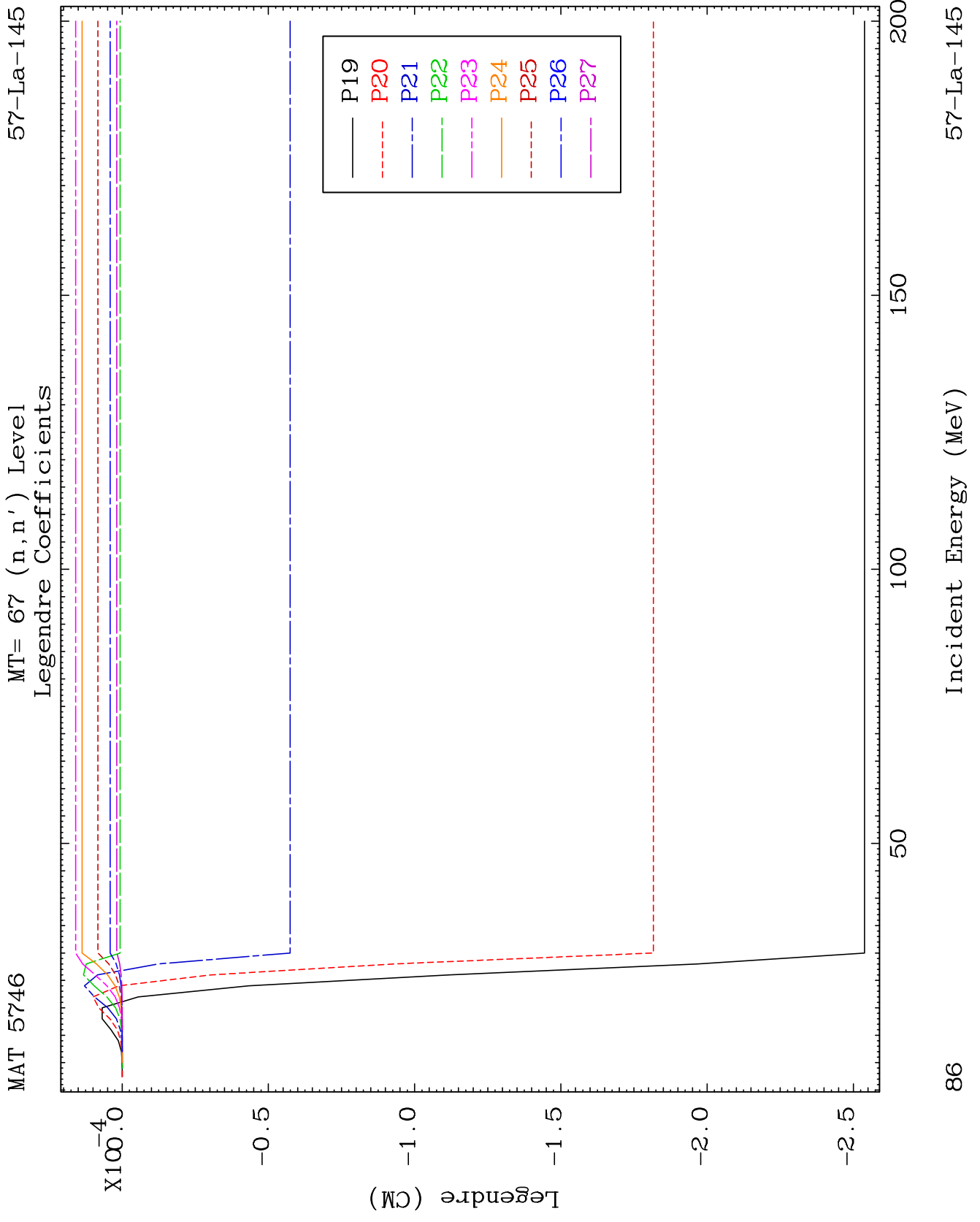
57-La-145



57-La-145

Incident Energy (MeV)

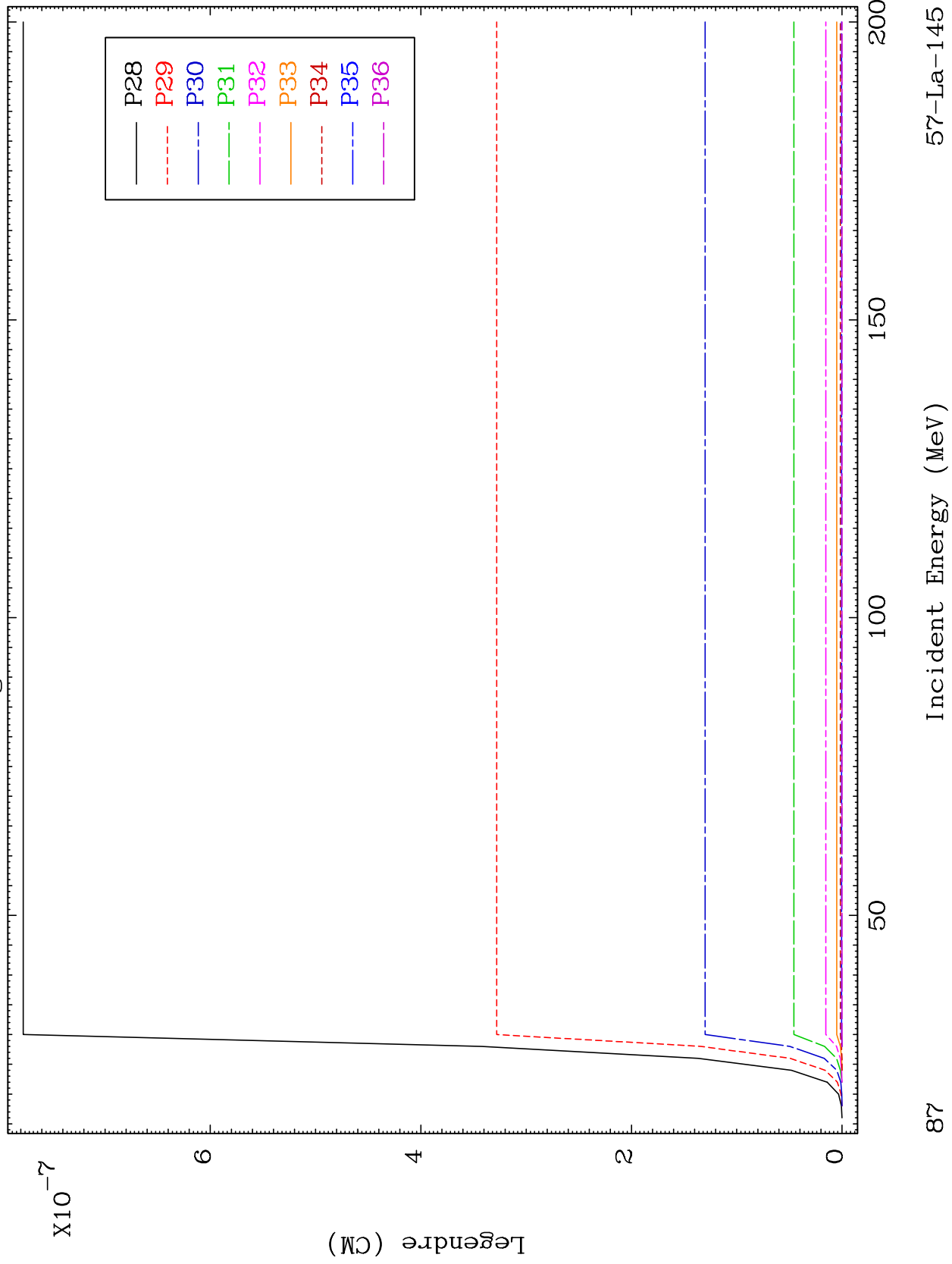
85



MAT 5746

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

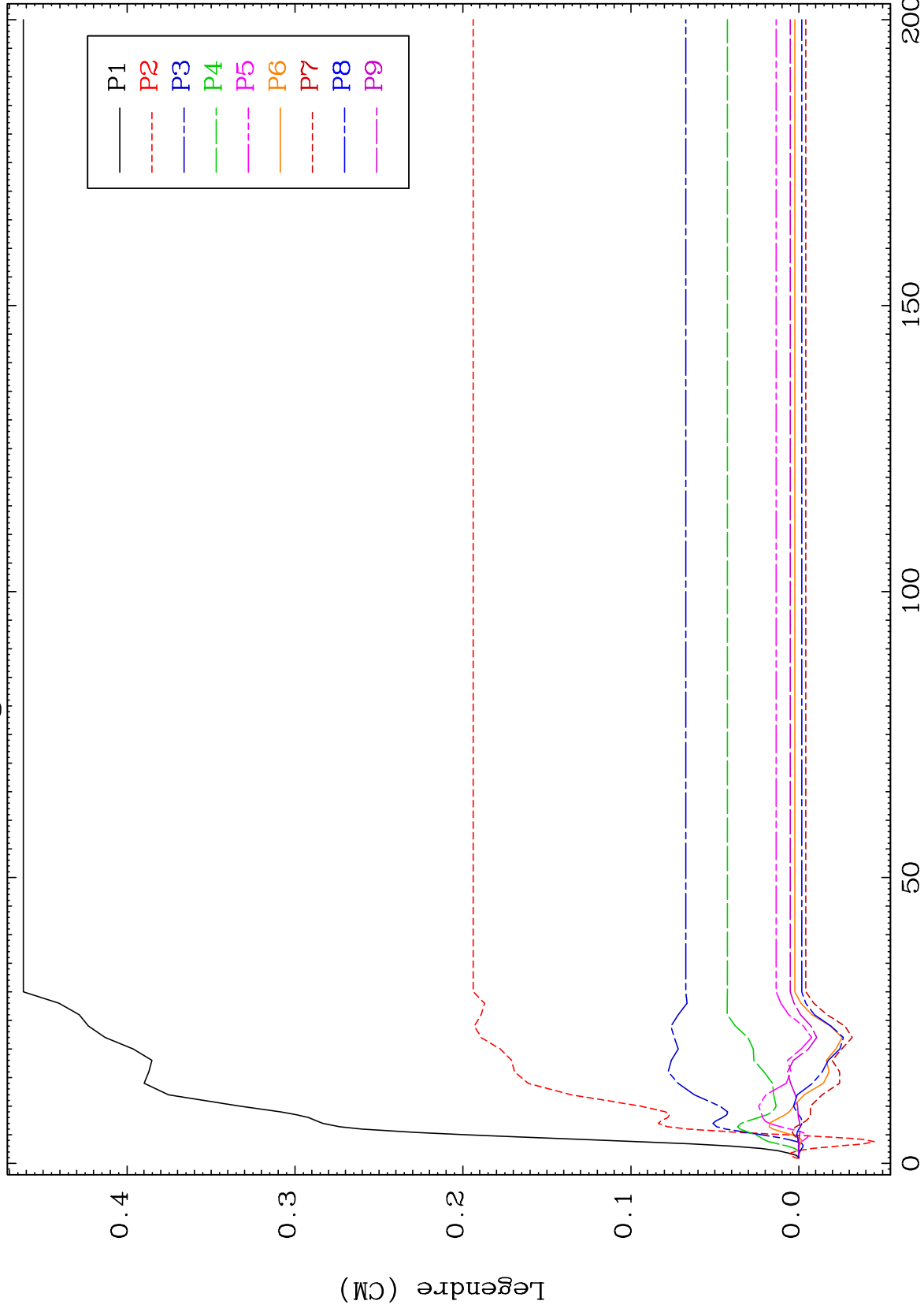
57-La-145



MAT 5746

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

57-La-145



57-La-145

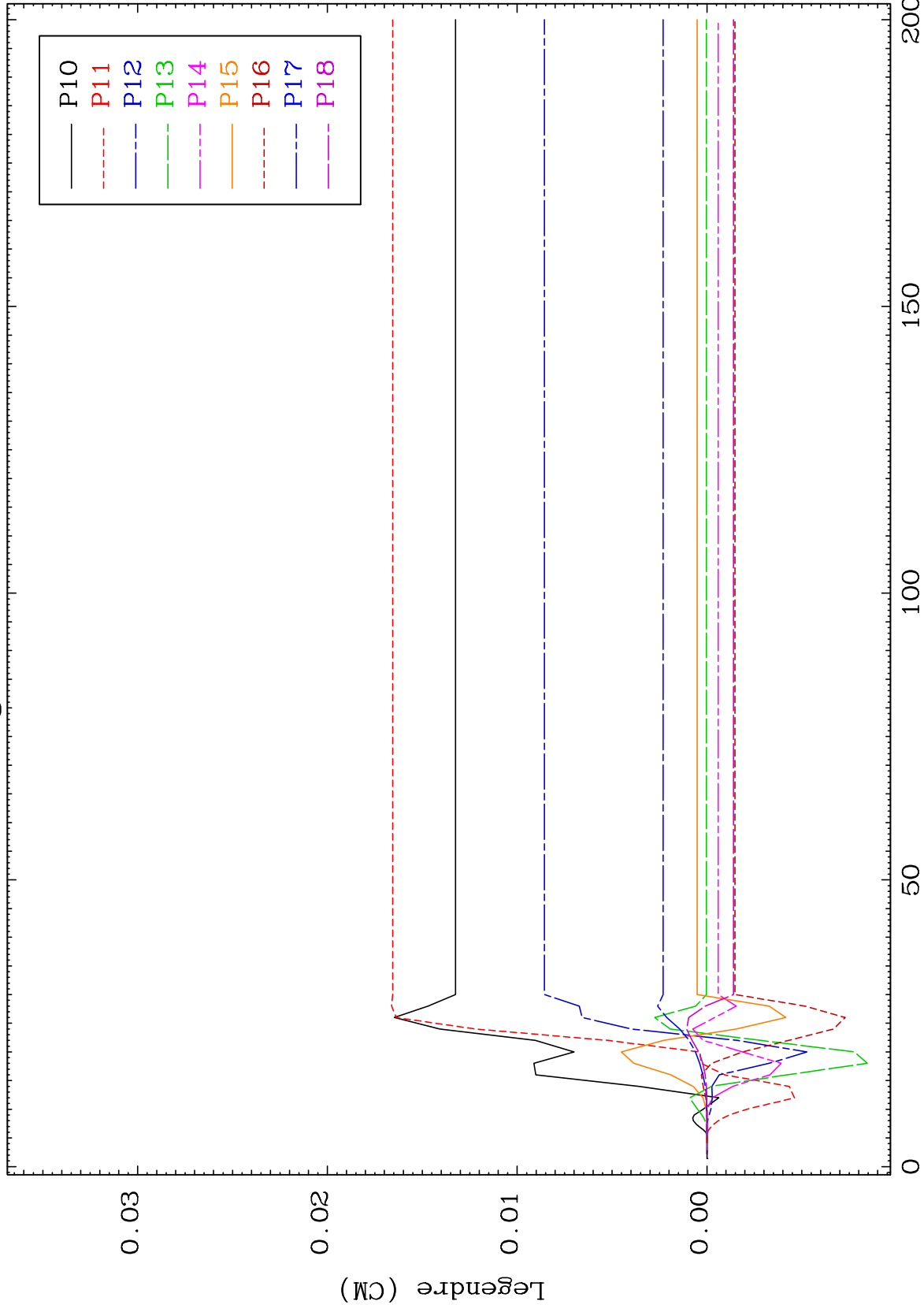
Incident Energy (MeV)

88

MAT 5746

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

57-La-145



89

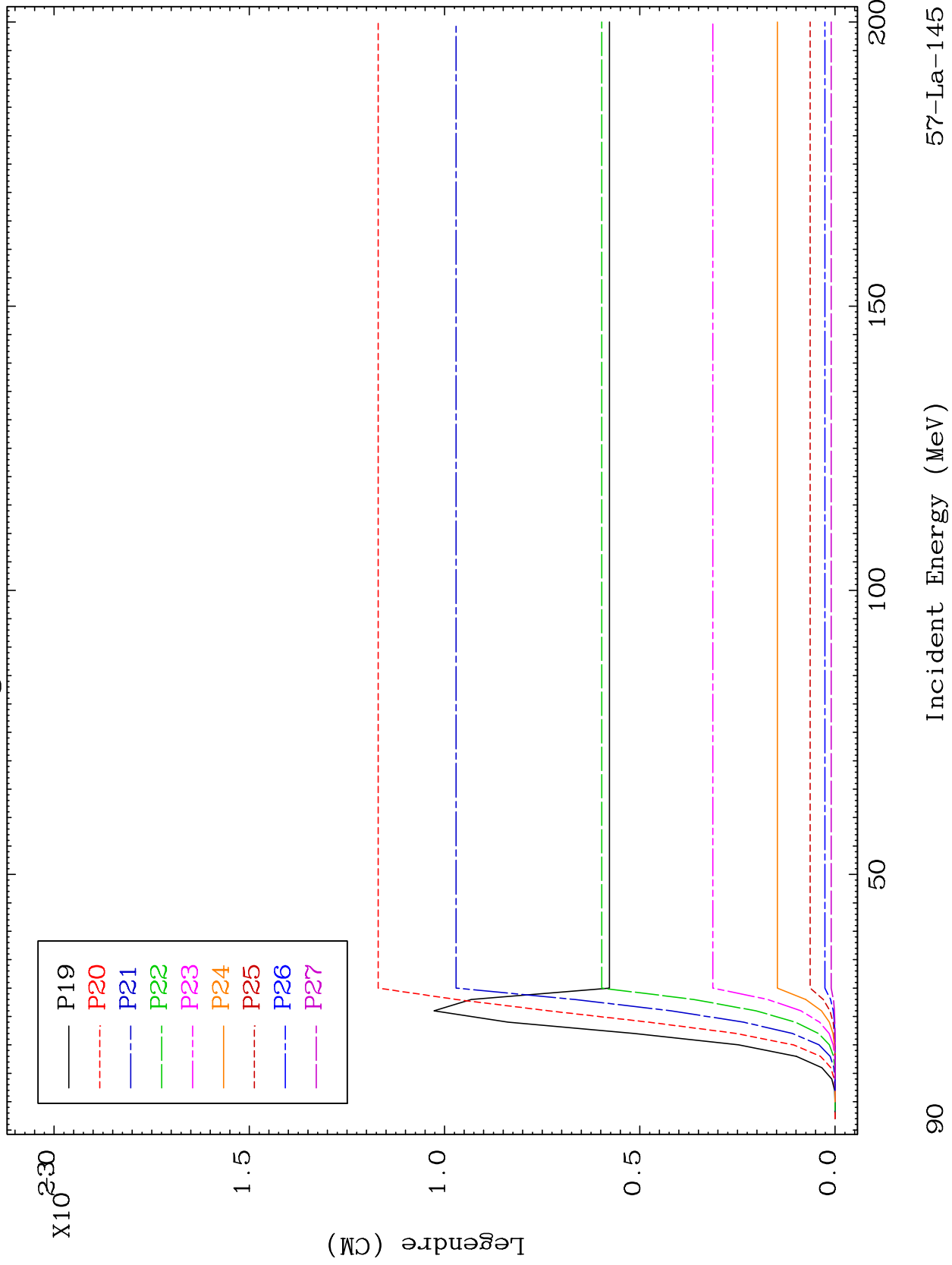
Incident Energy (MeV)

57-La-145

MAT 5746

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

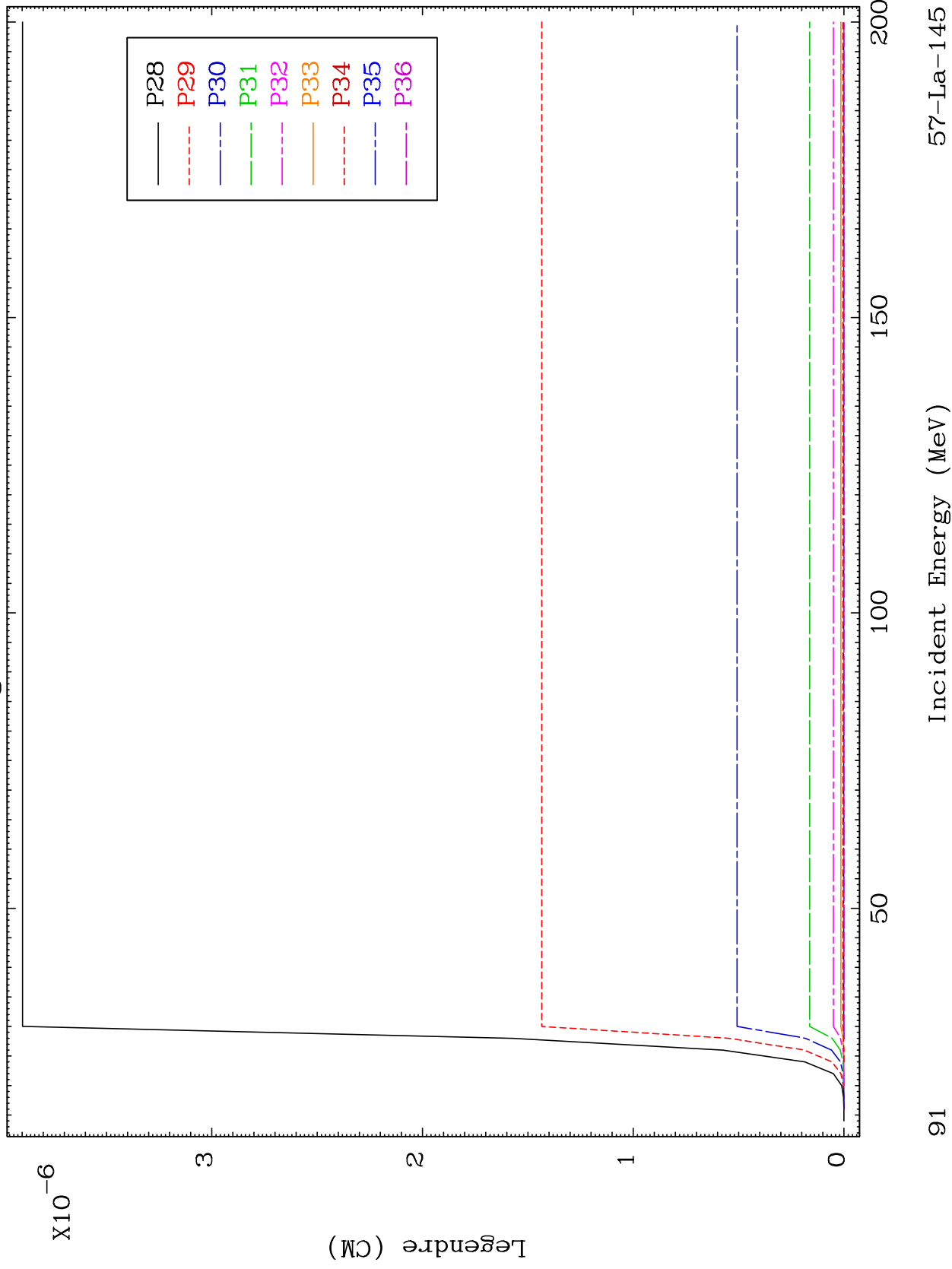
57-La-145



MAT 5746

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

57-La-145

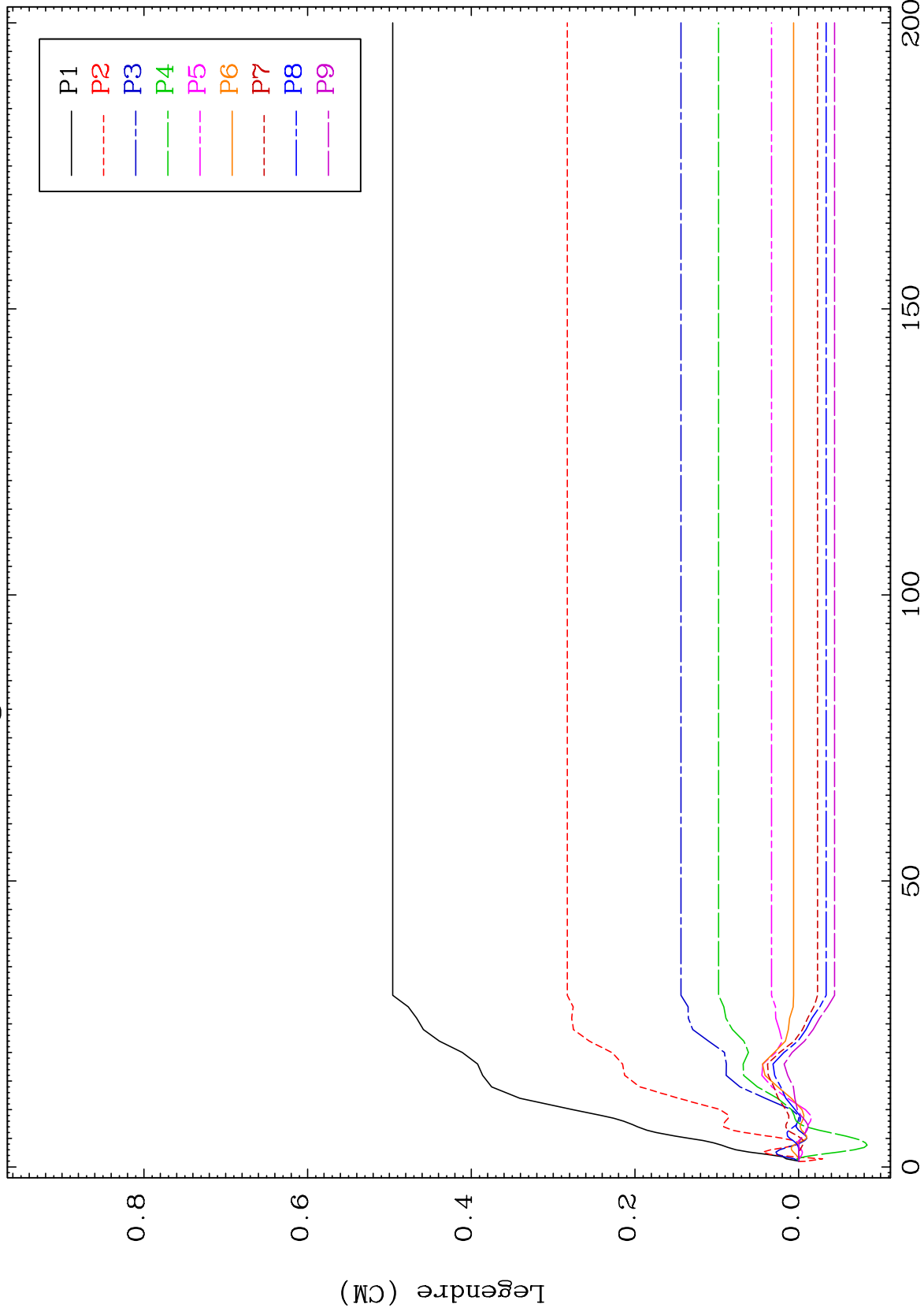


91

MAT 5746

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

57-La-145



92

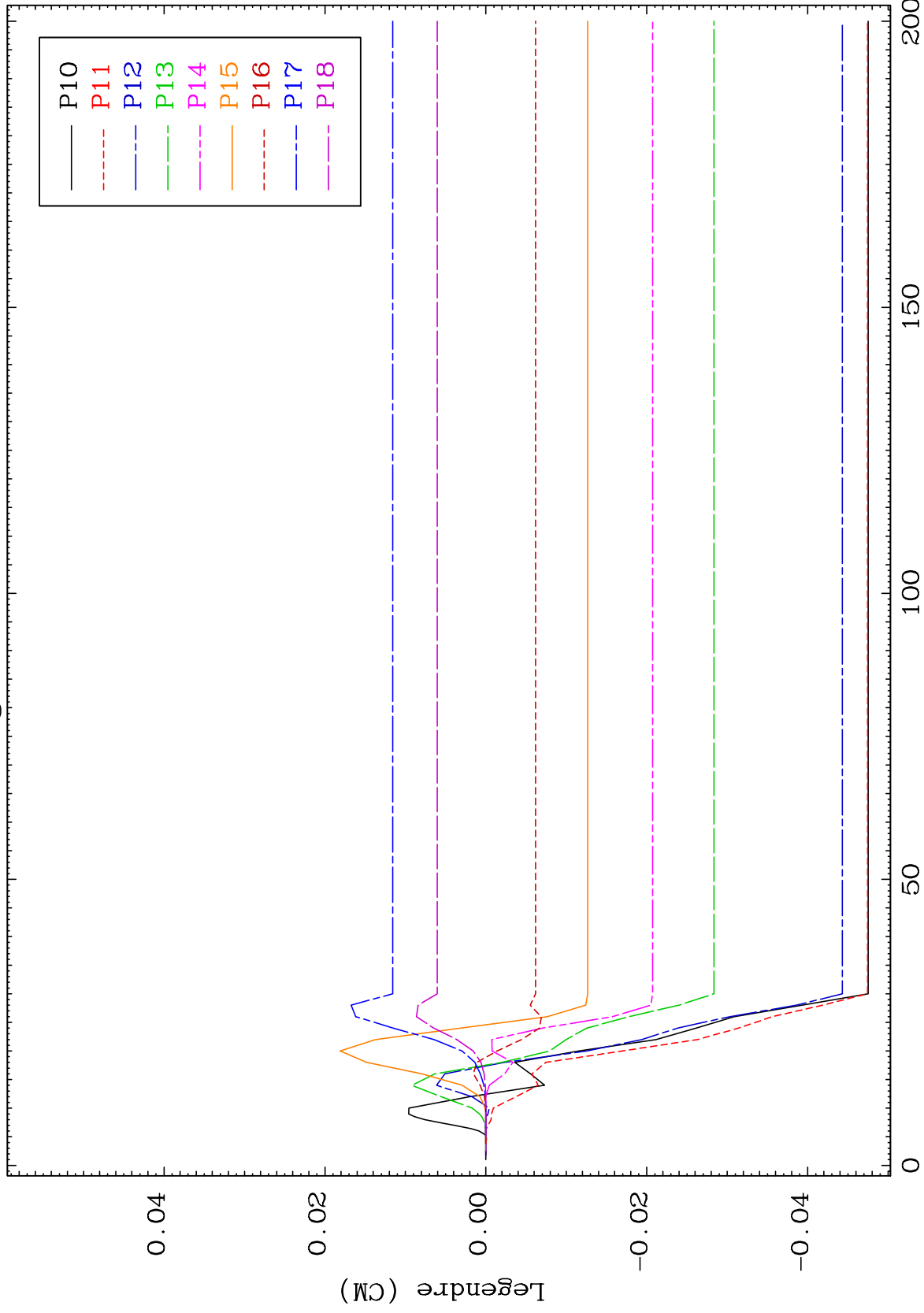
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



93

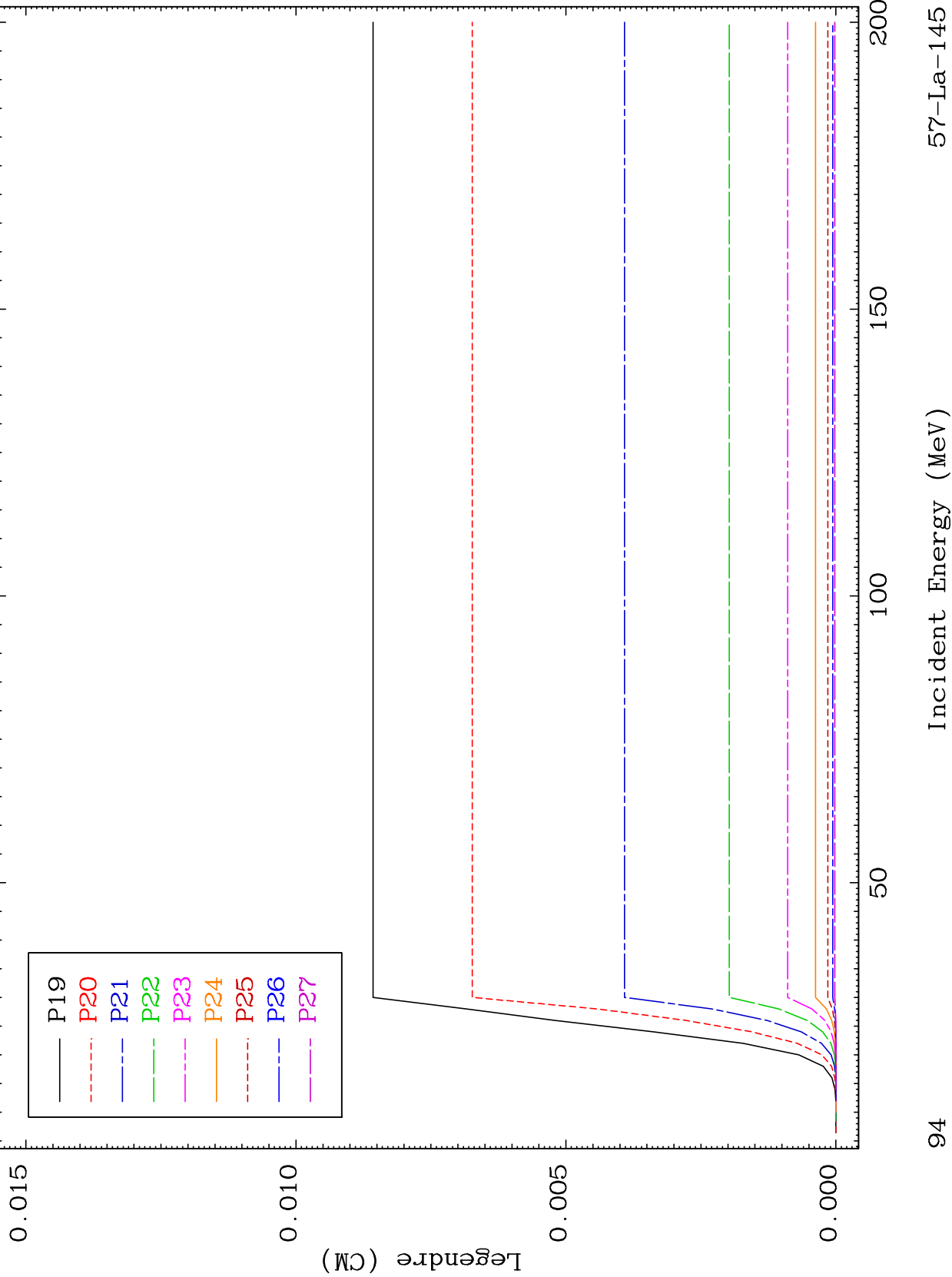
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



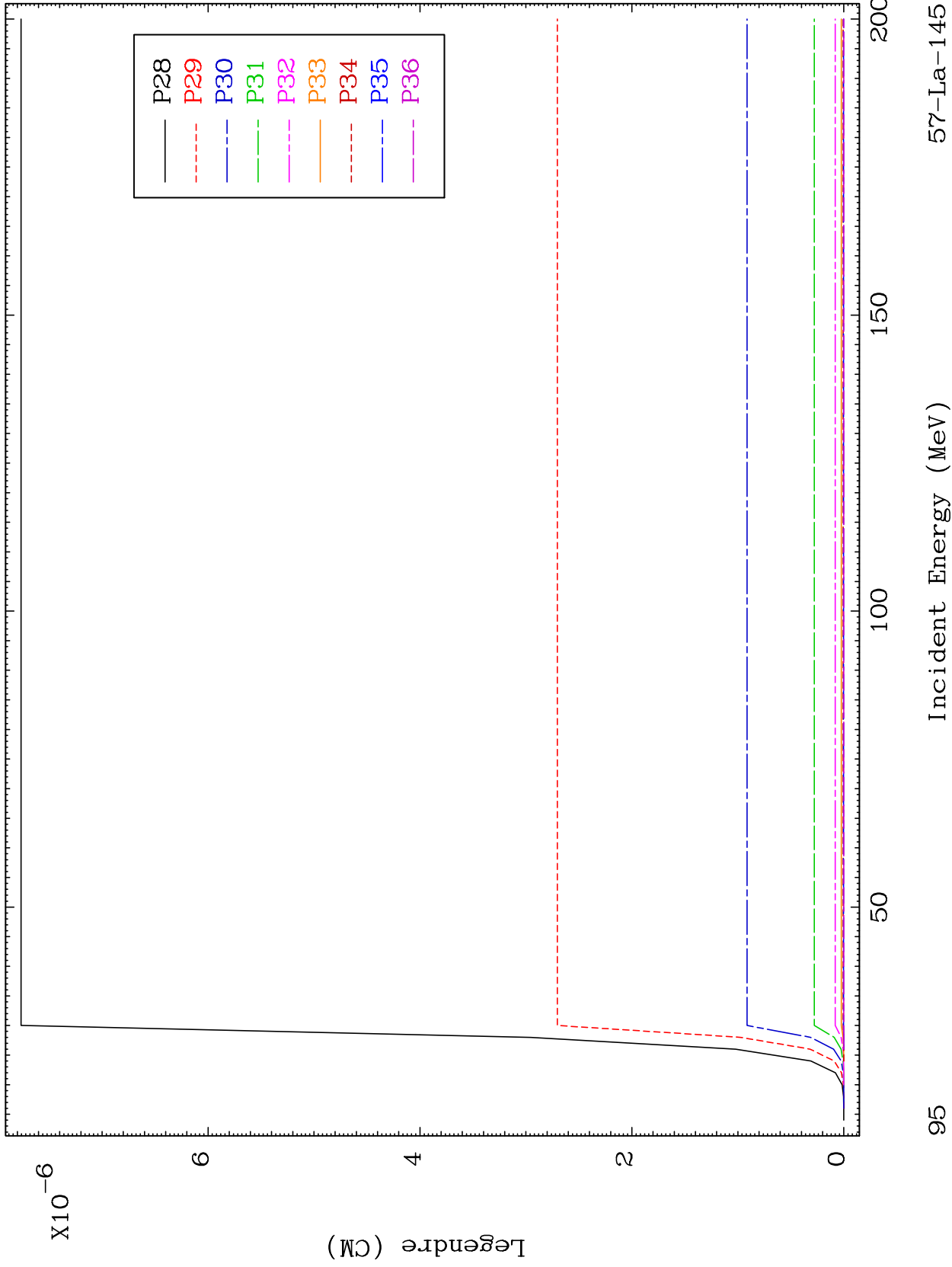
94

57-La-145

MAT 5746

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

57-La-145



95

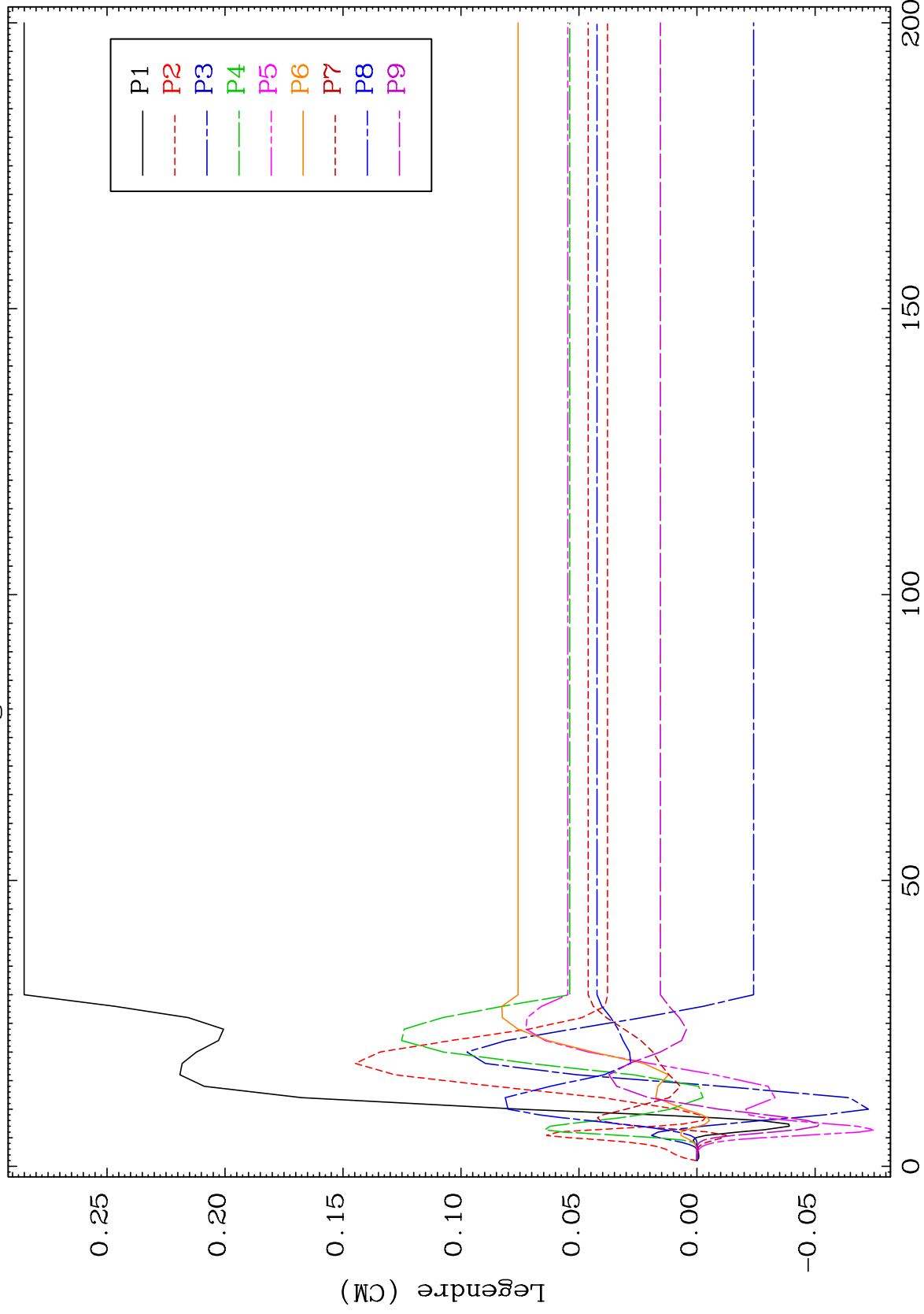
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



96

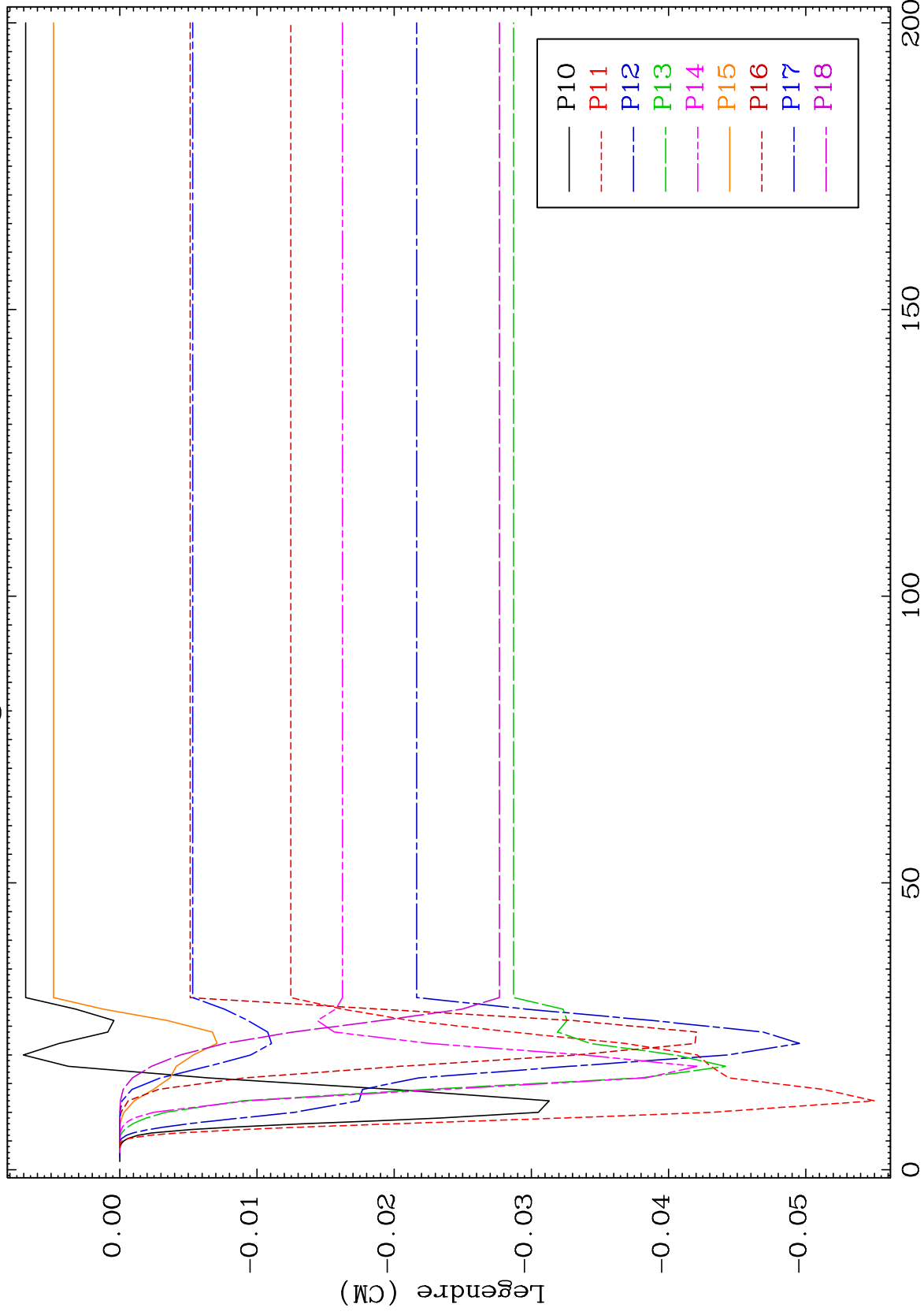
Incident Energy (MeV)

57-La-145

MAT 5746

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

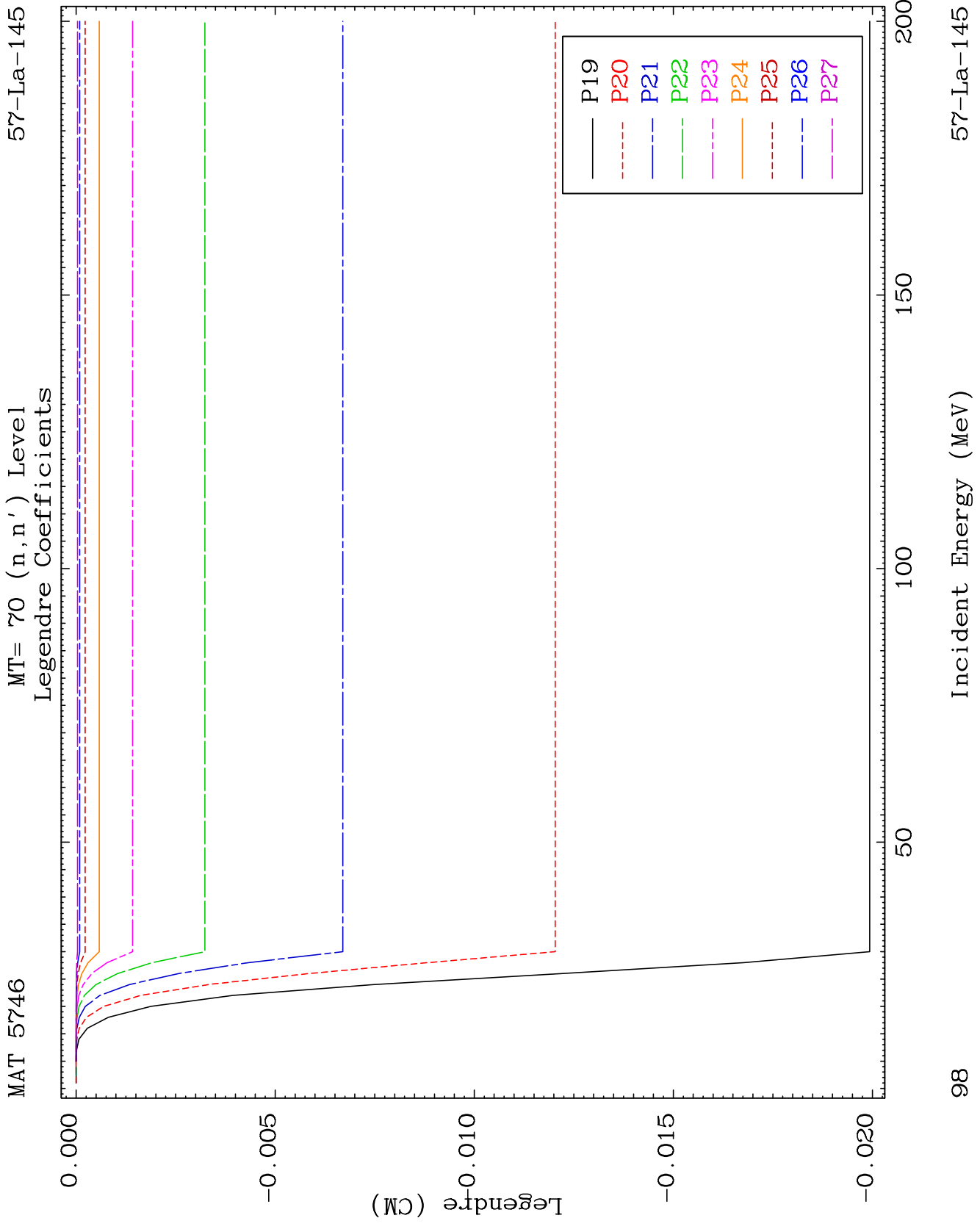
57-La-145

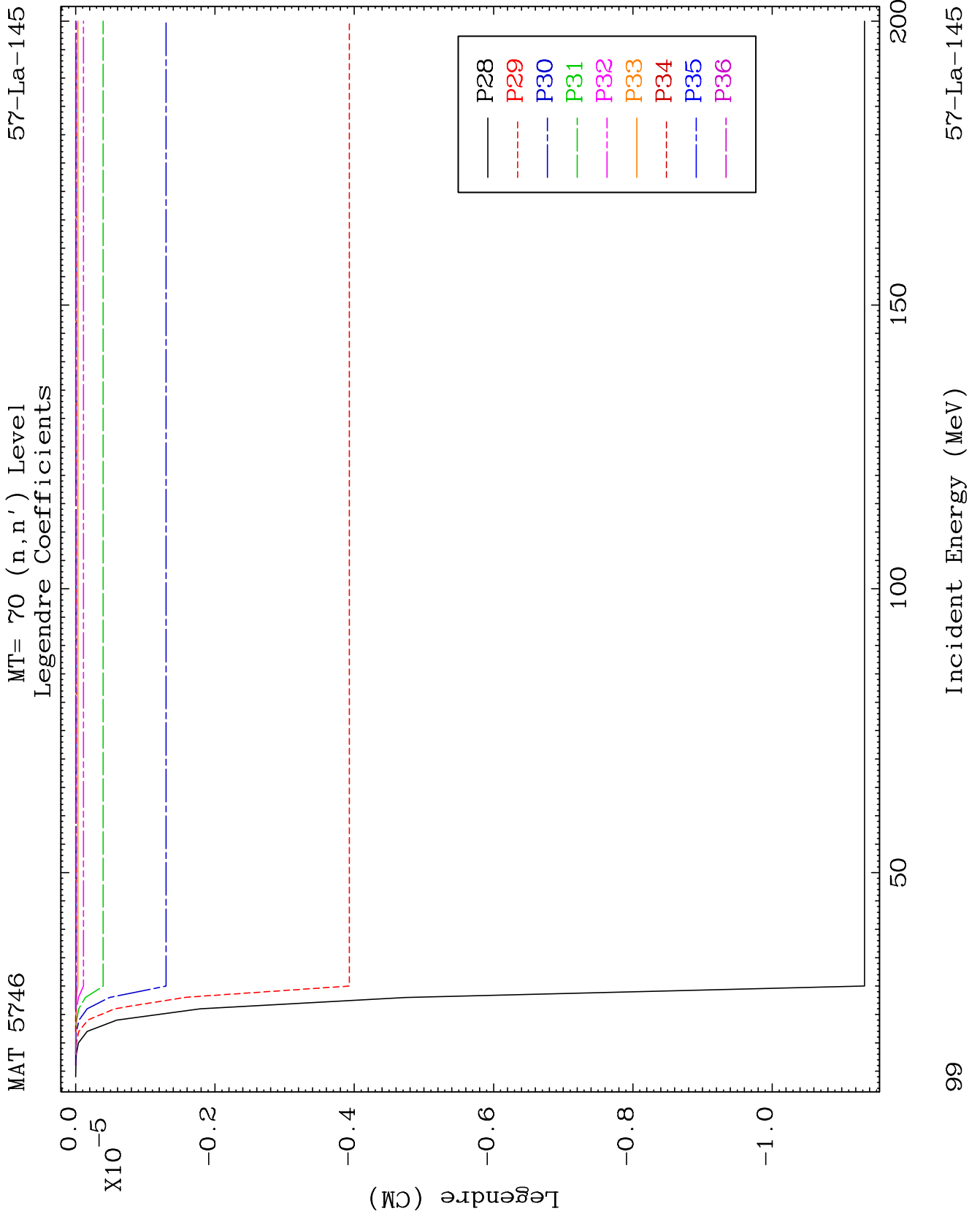


97

Incident Energy (MeV)

57-La-145

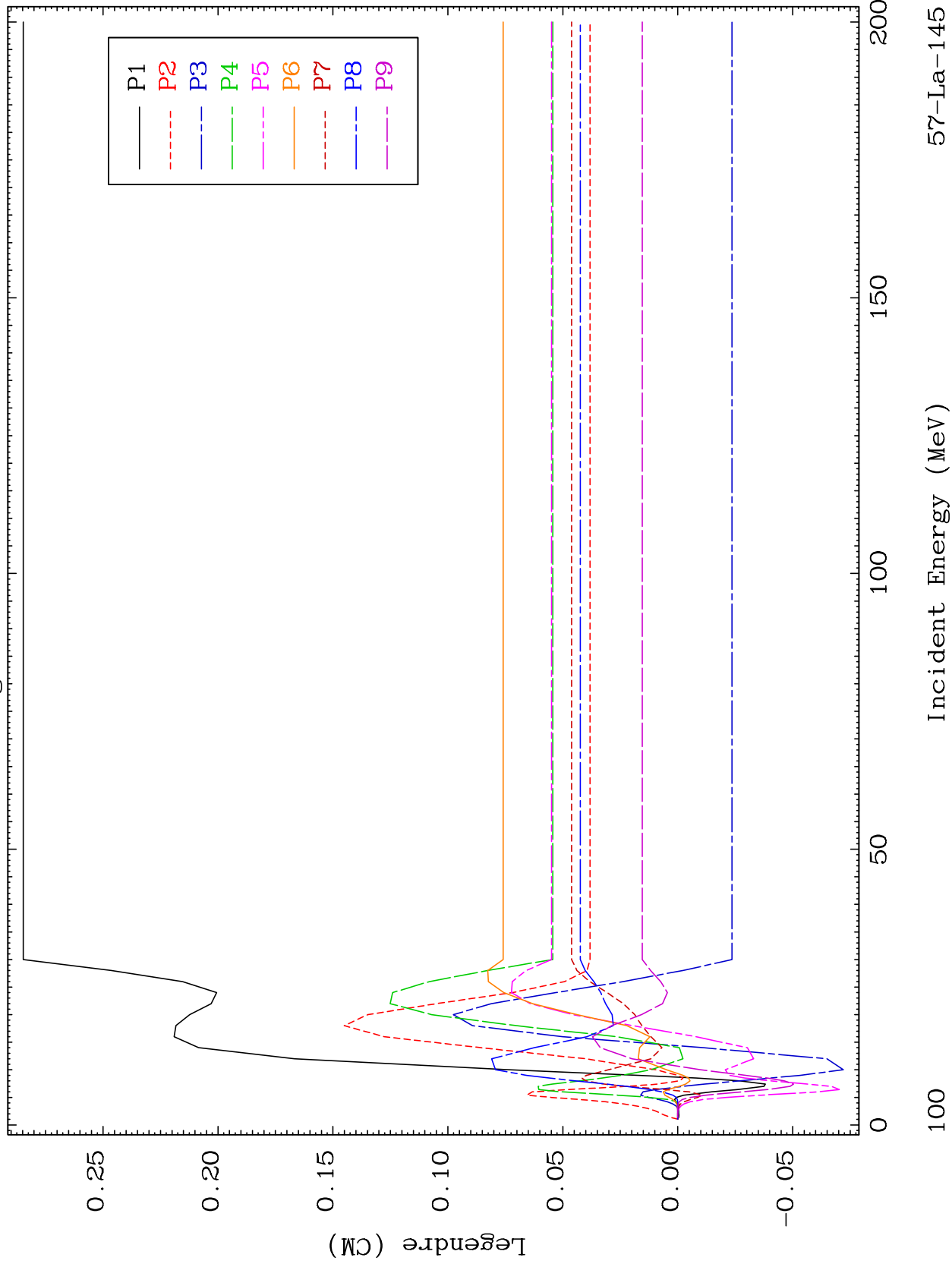




MAT 5746

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

57-La-145



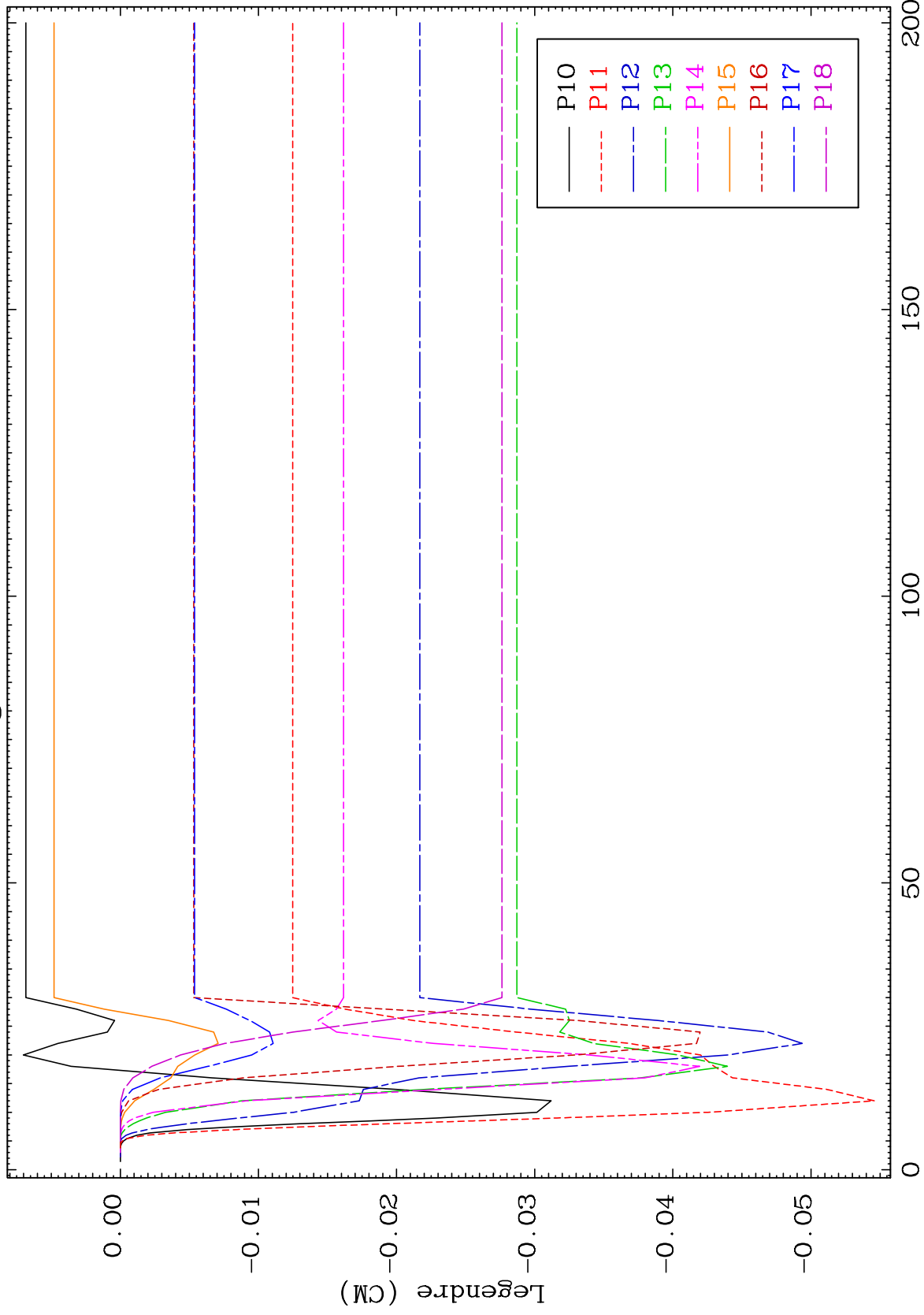
57-La-145

Incident Energy (MeV)

MAT 5746

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

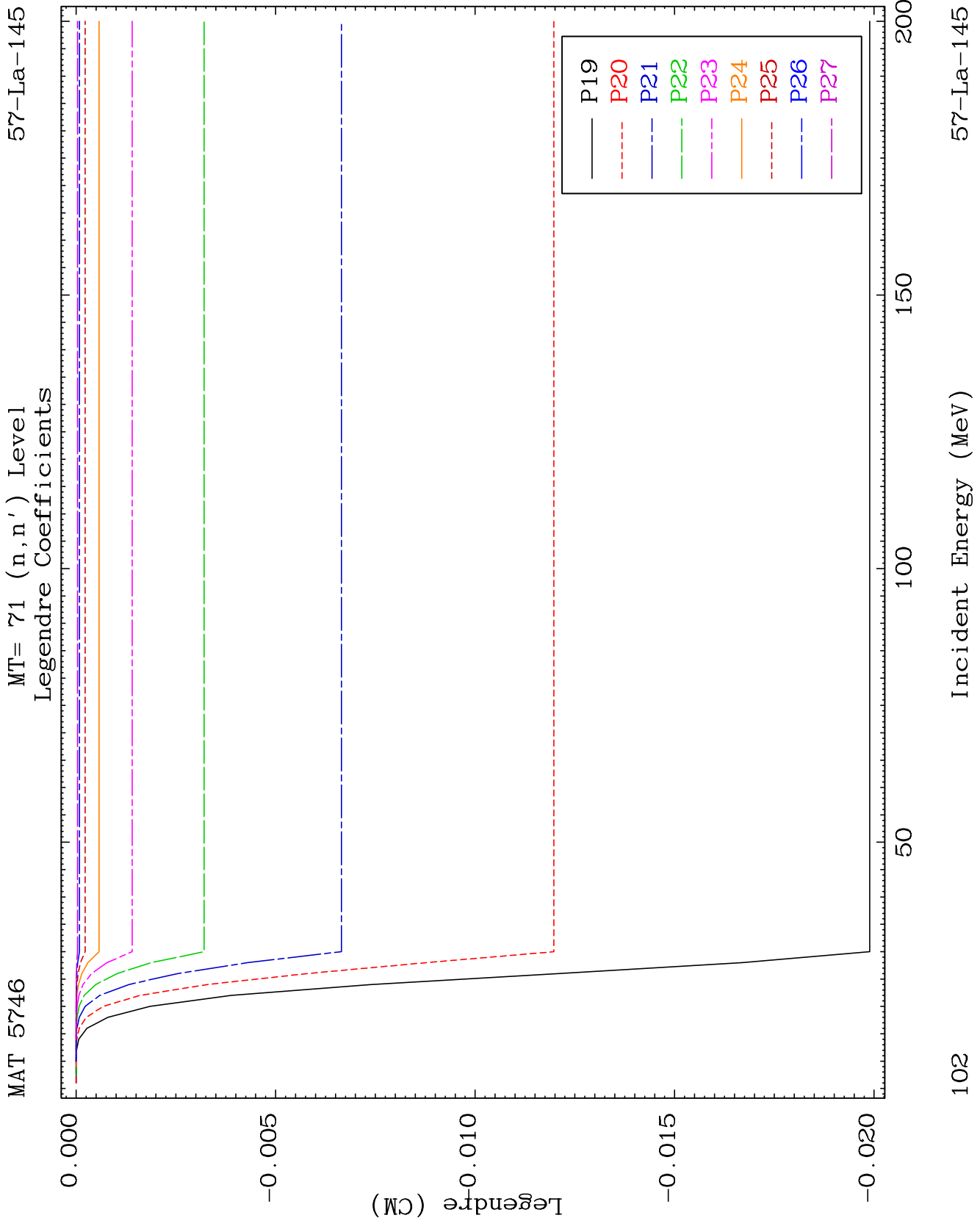
57-La-145

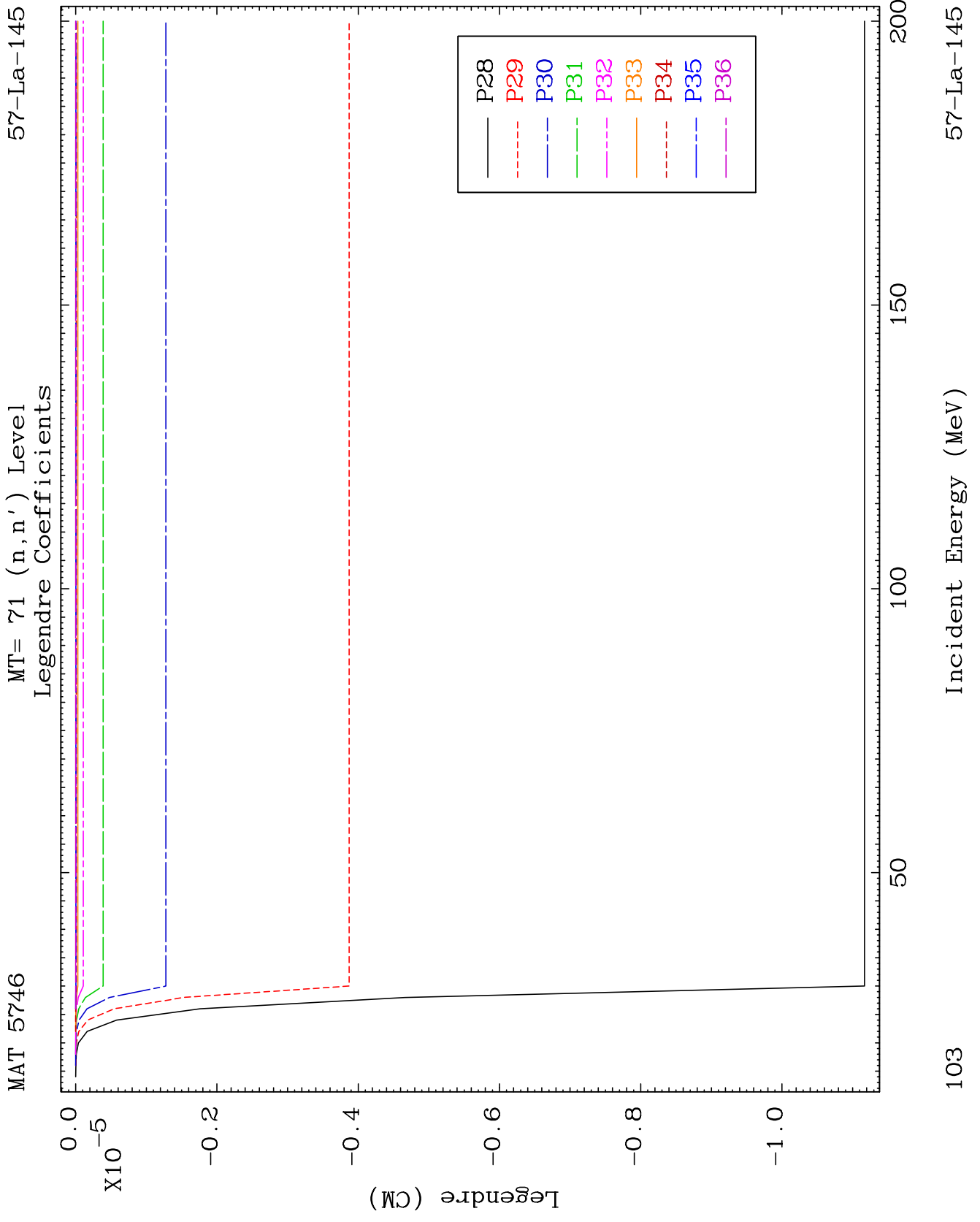


101

Incident Energy (MeV)

57-La-145

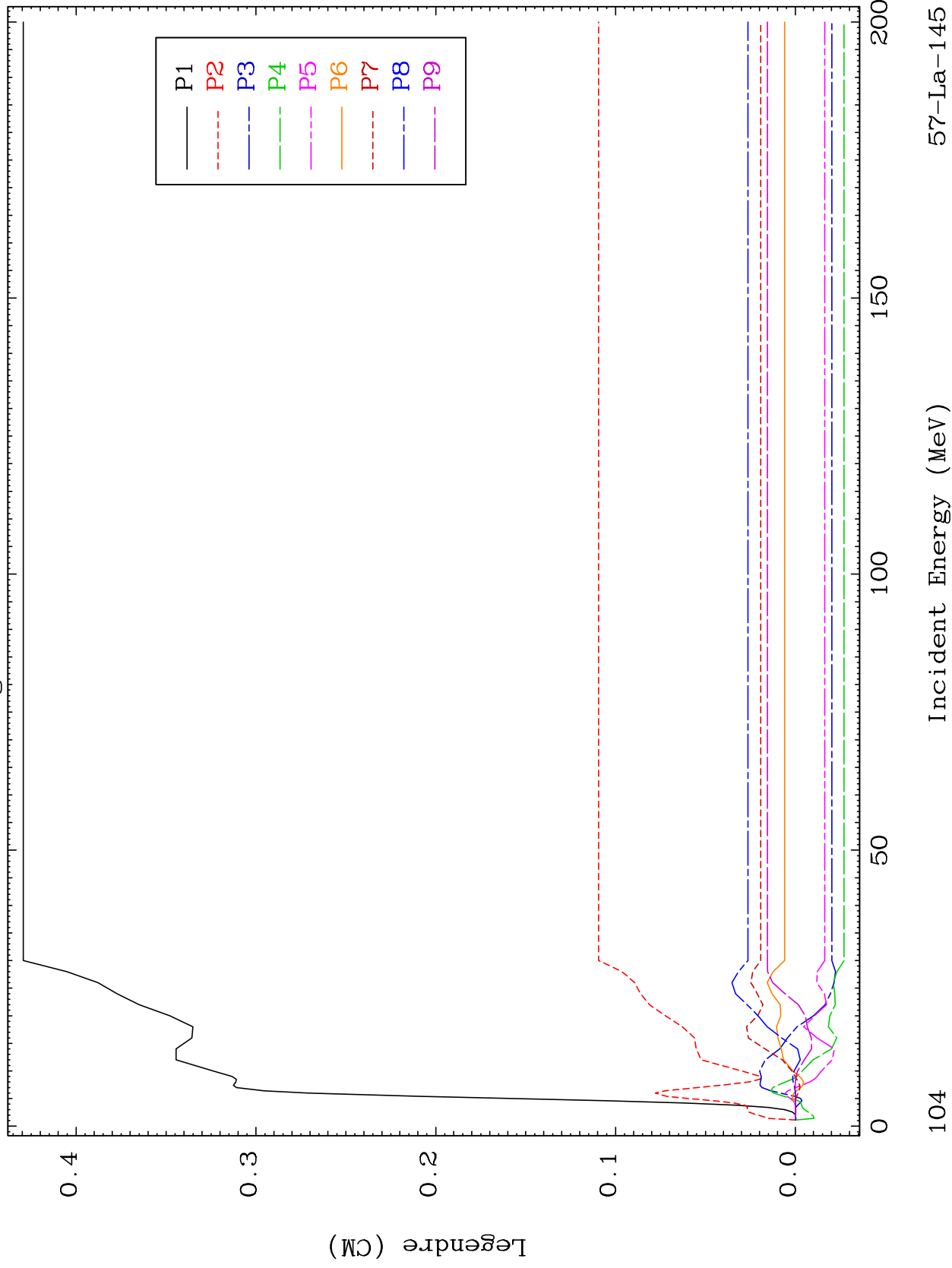




MAT 5746

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

57-La-145



57-La-145

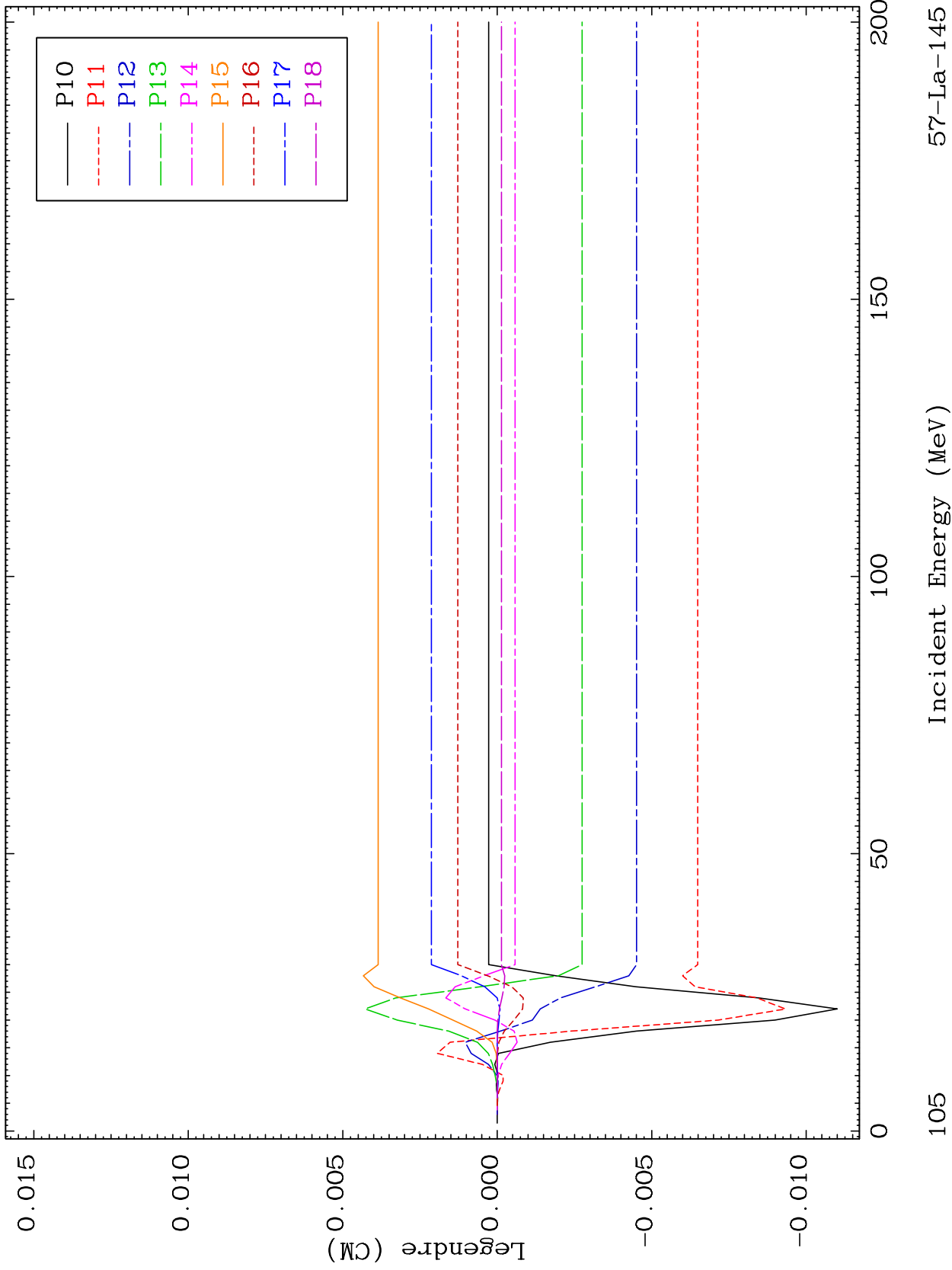
Incident Energy (MeV)

104

MAT 5746

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

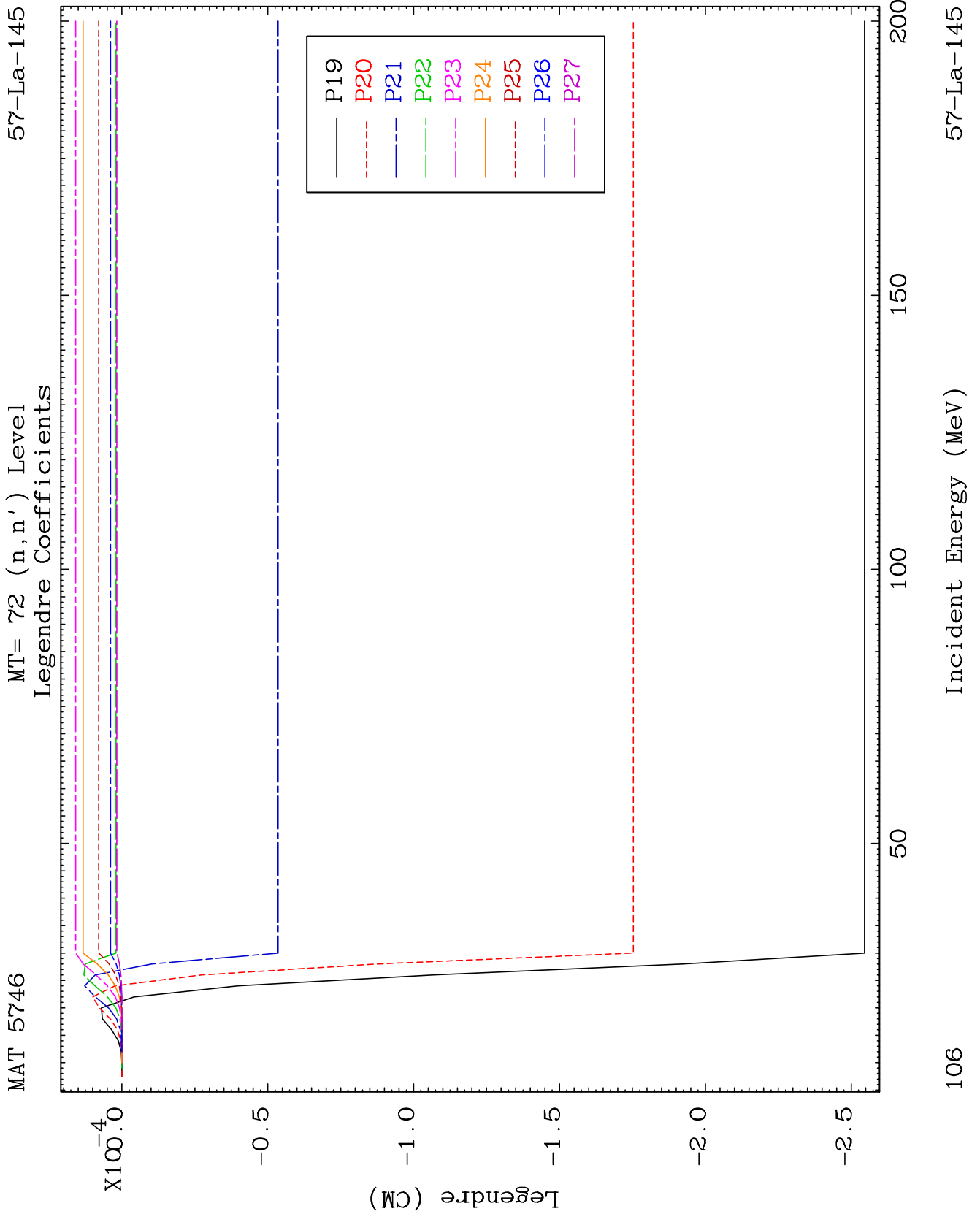
57-La-145



57-La-145

Incident Energy (MeV)

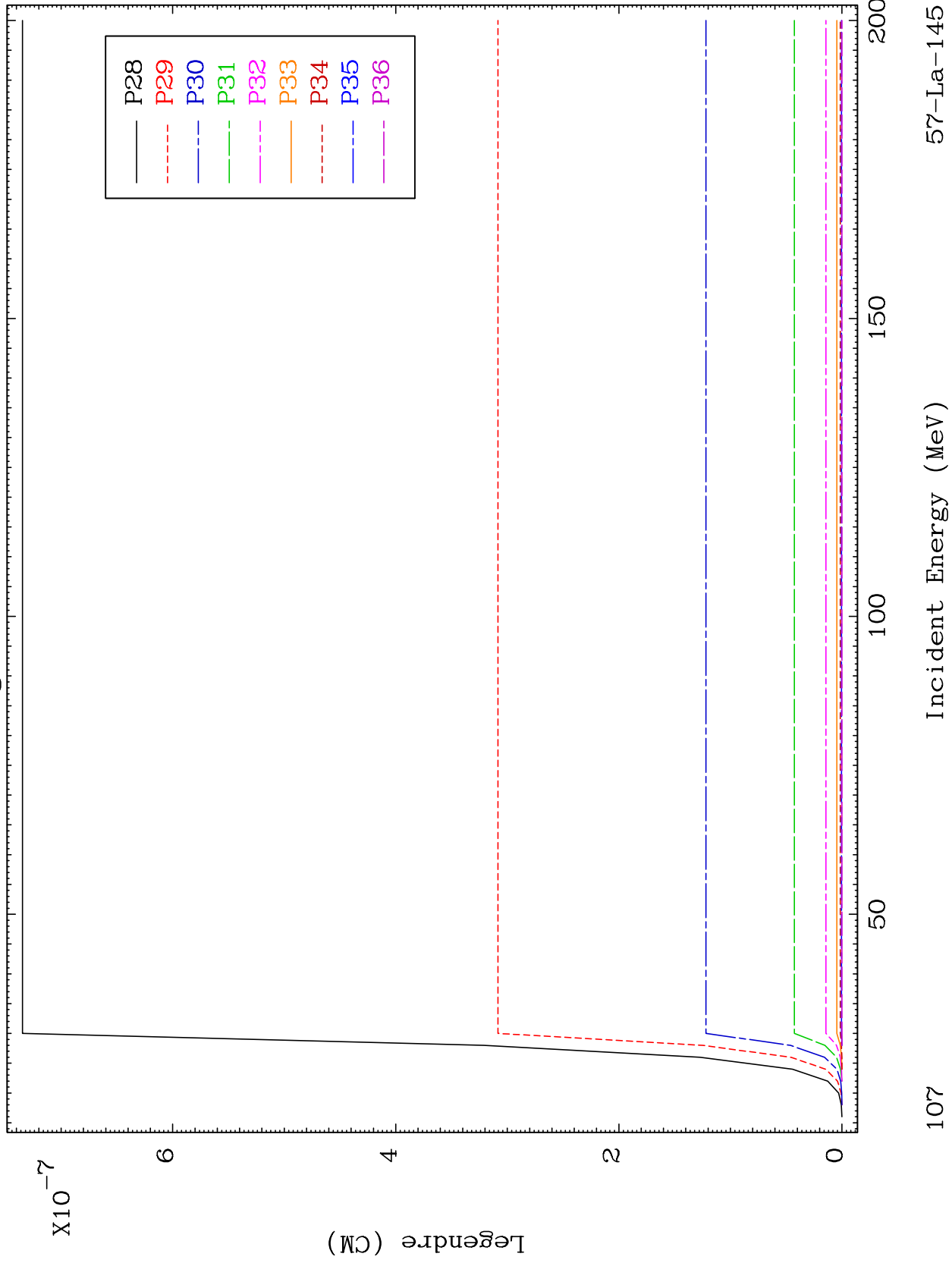
105



MAT 5746

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

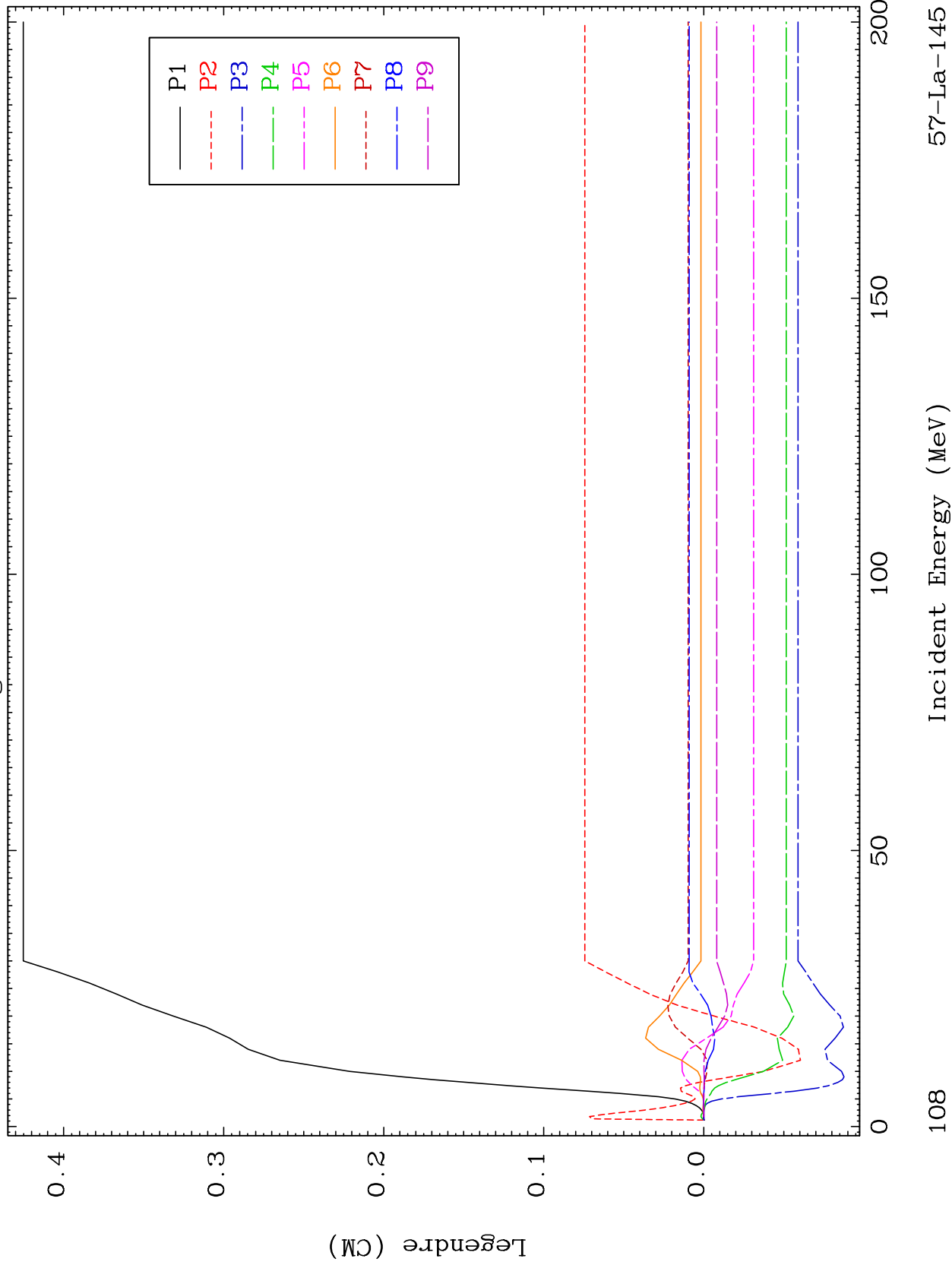
57-La-145



MAT 5746

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

57-La-145



57-La-145

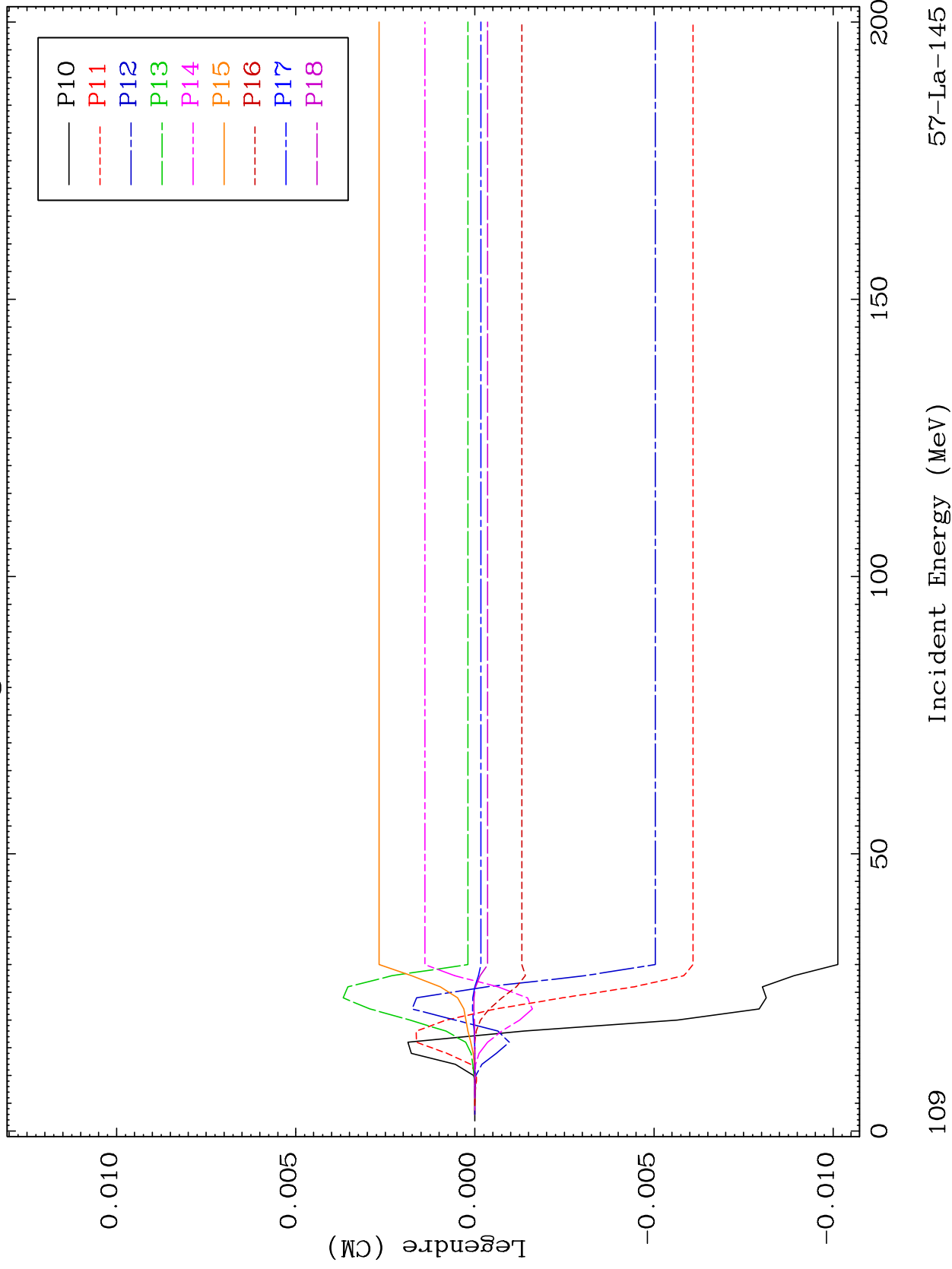
Incident Energy (MeV)

108

MAT 5746

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

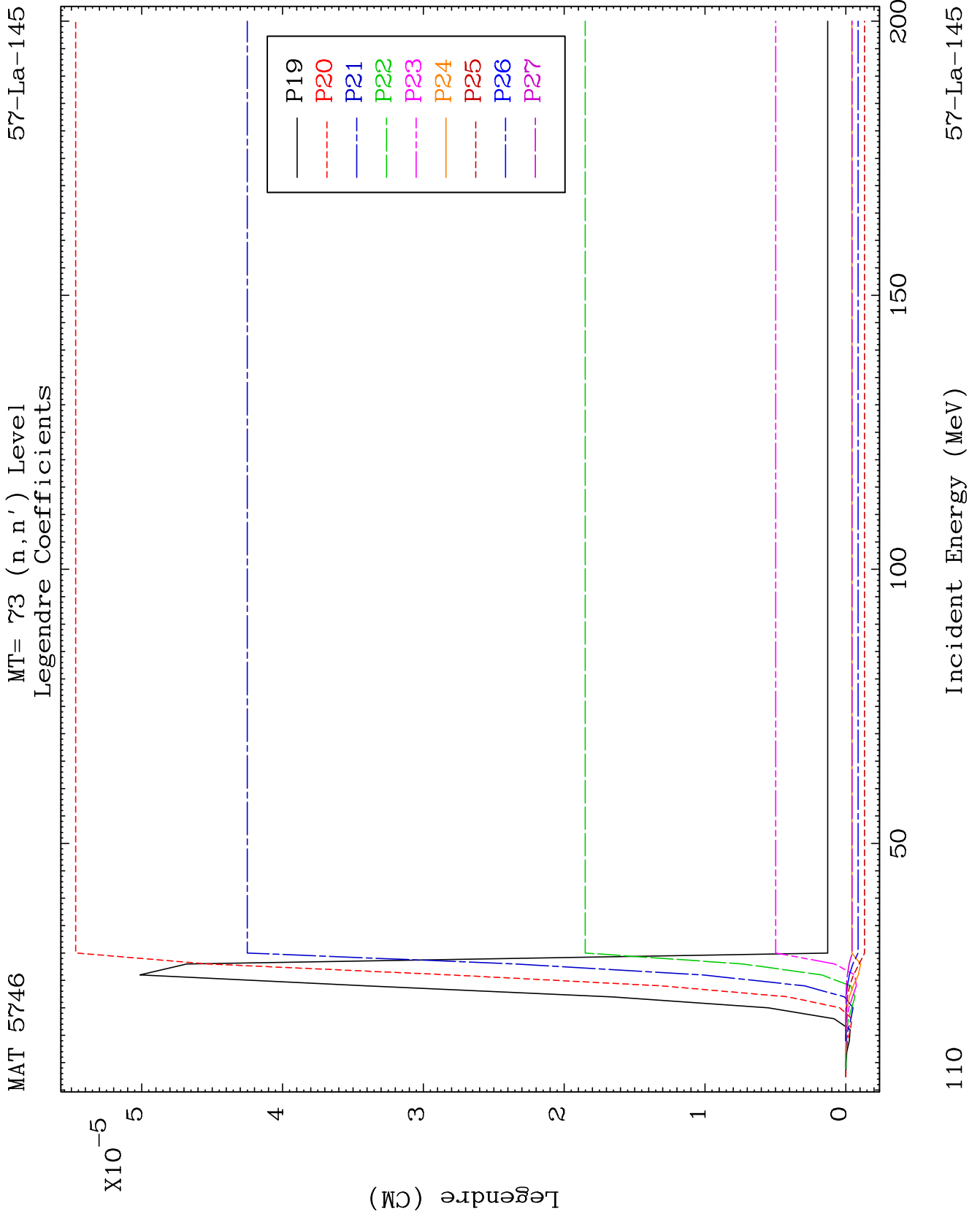
57-La-145

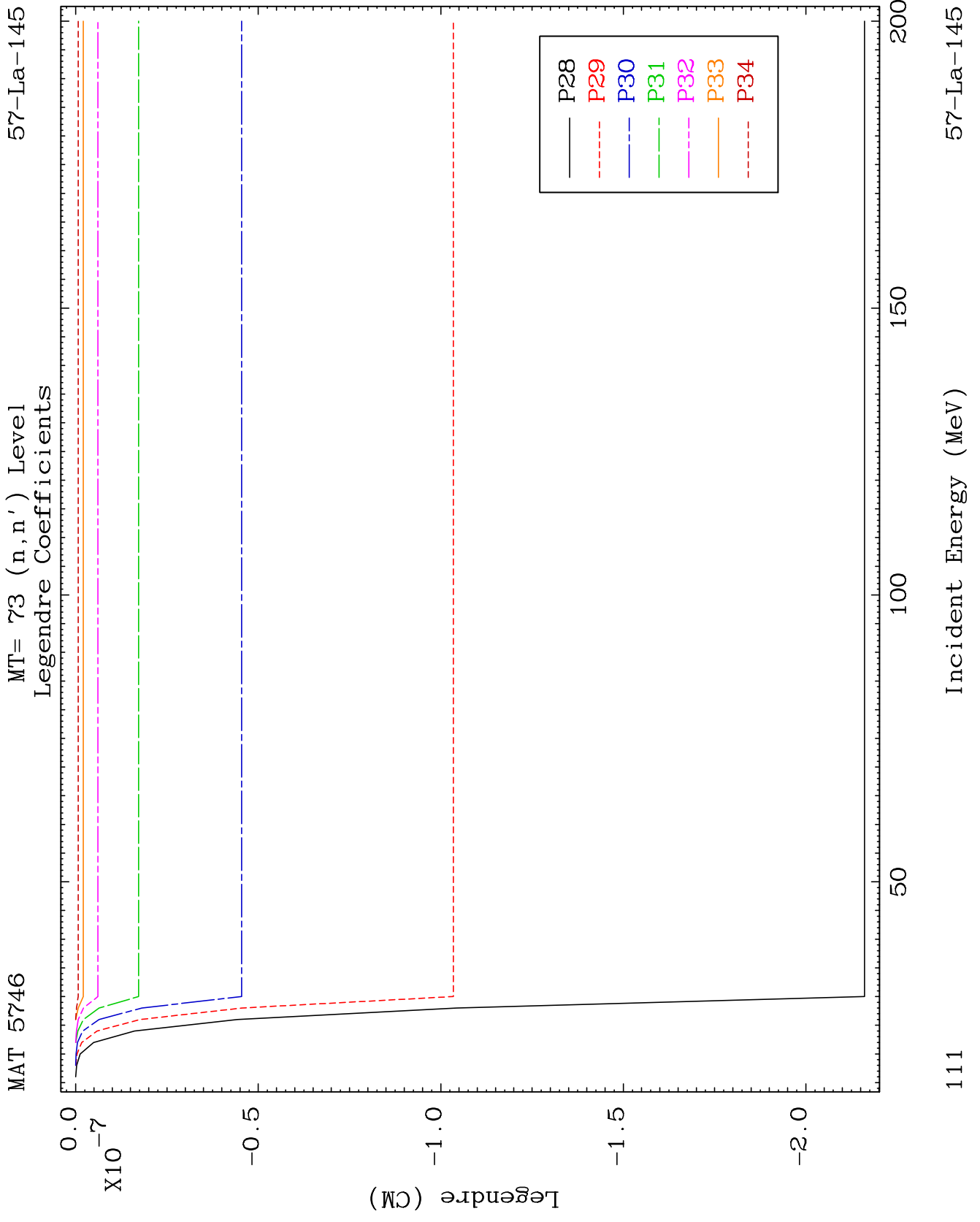


57-La-145

Incident Energy (MeV)

109

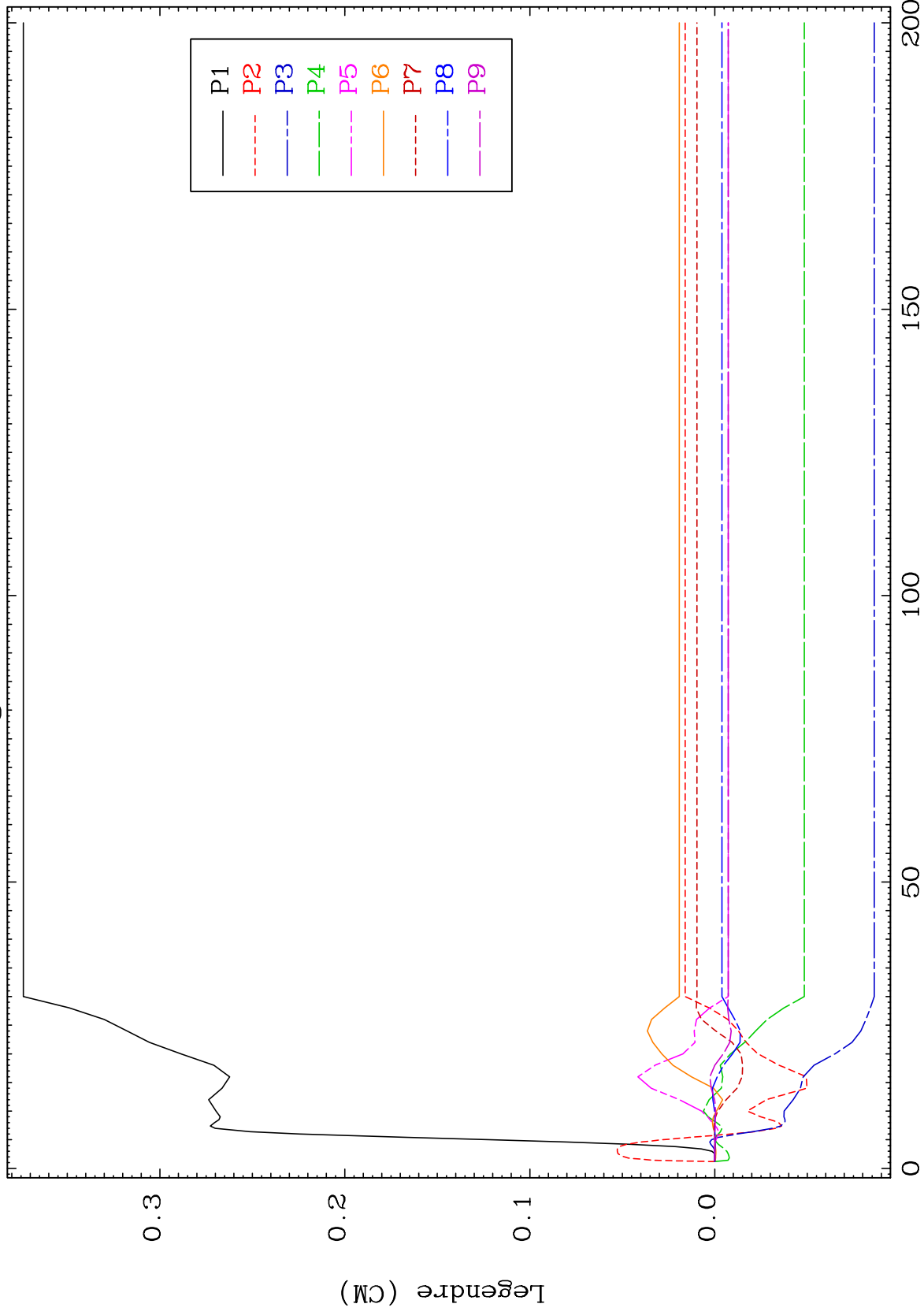




MAT 5746

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

57-La-145



57-La-145

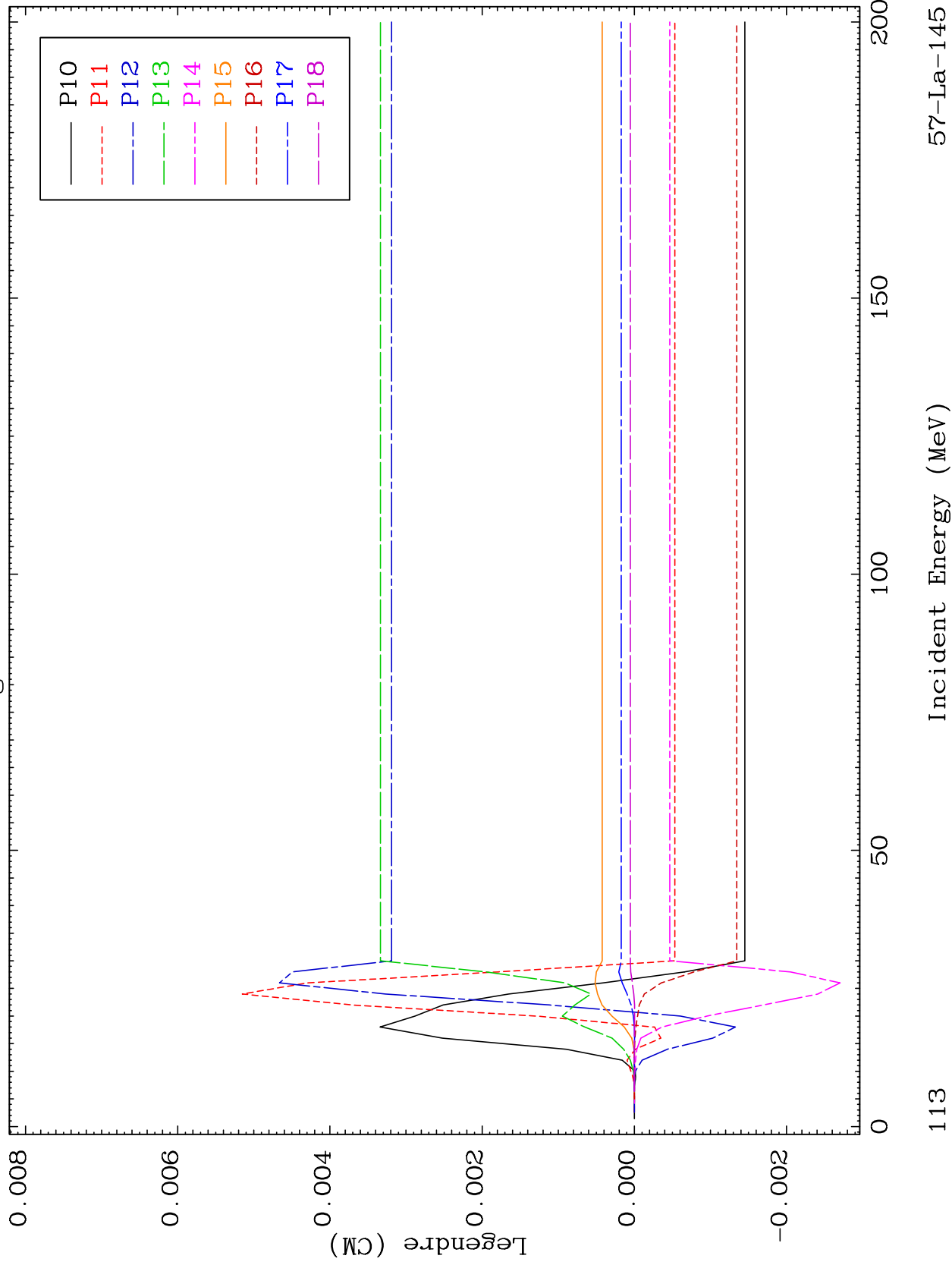
Incident Energy (MeV)

112

MAT 5746

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

57-La-145



57-La-145

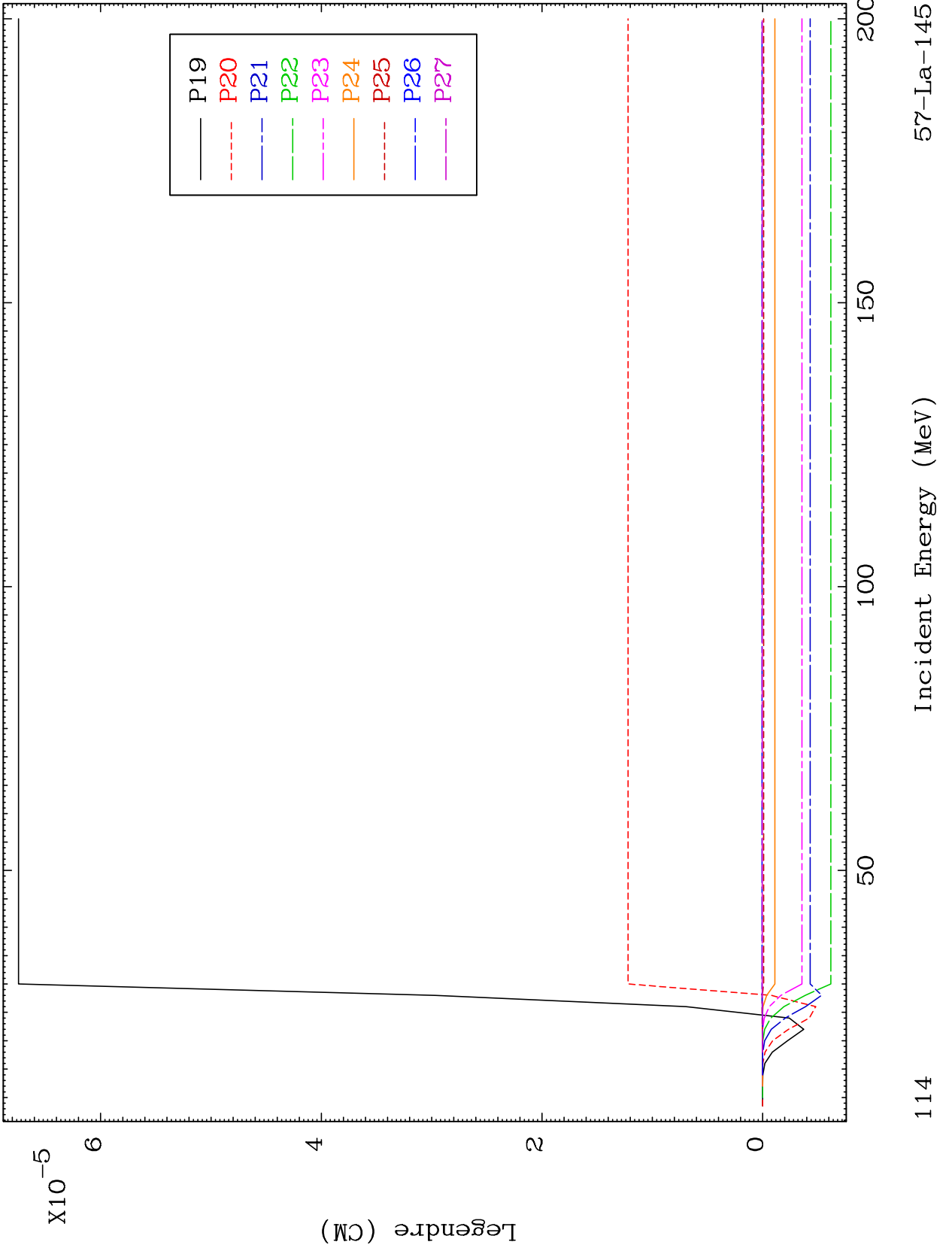
Incident Energy (MeV)

113

MAT 5746

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

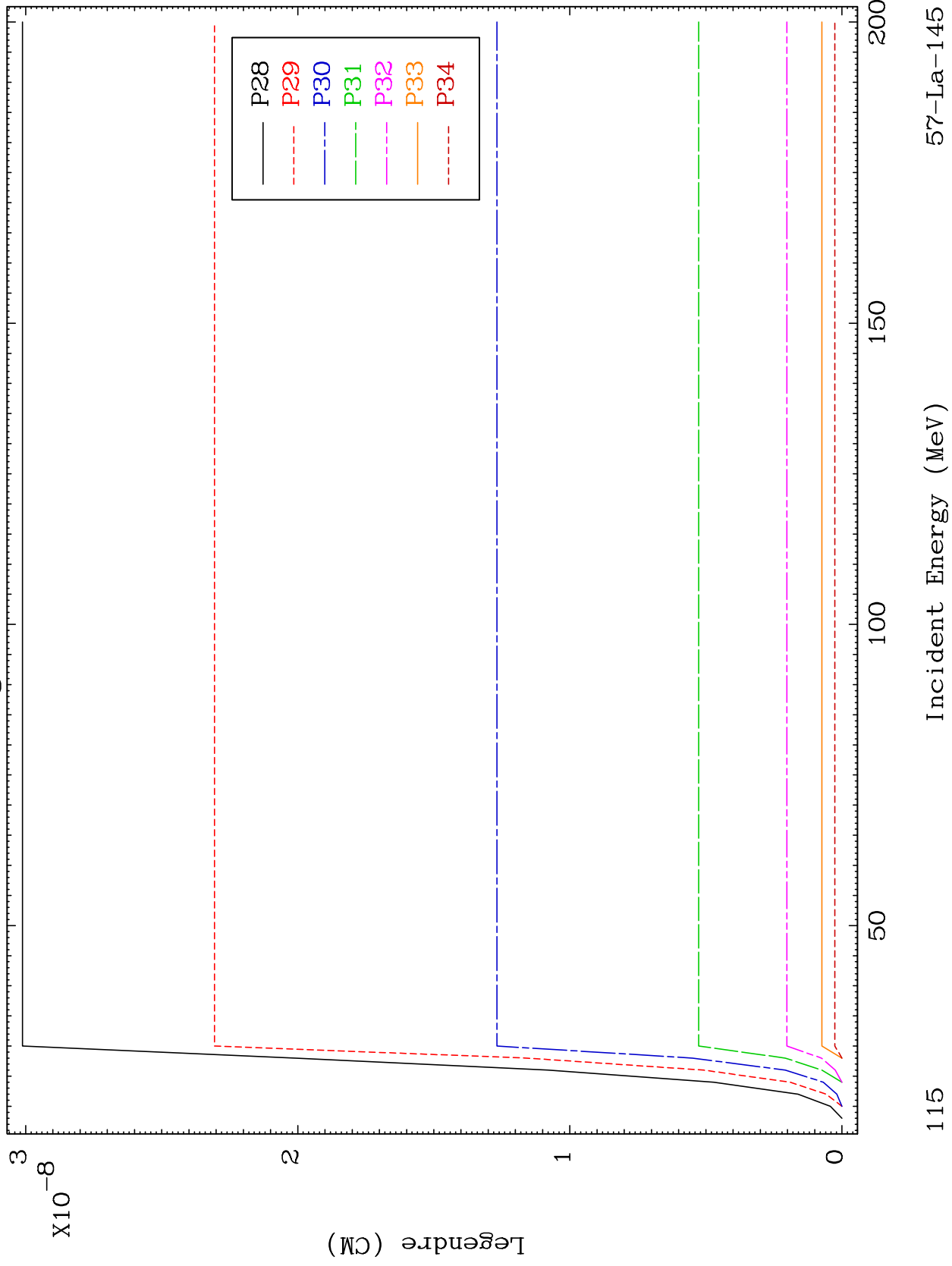
57-La-145



MAT 5746

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

57-La-145

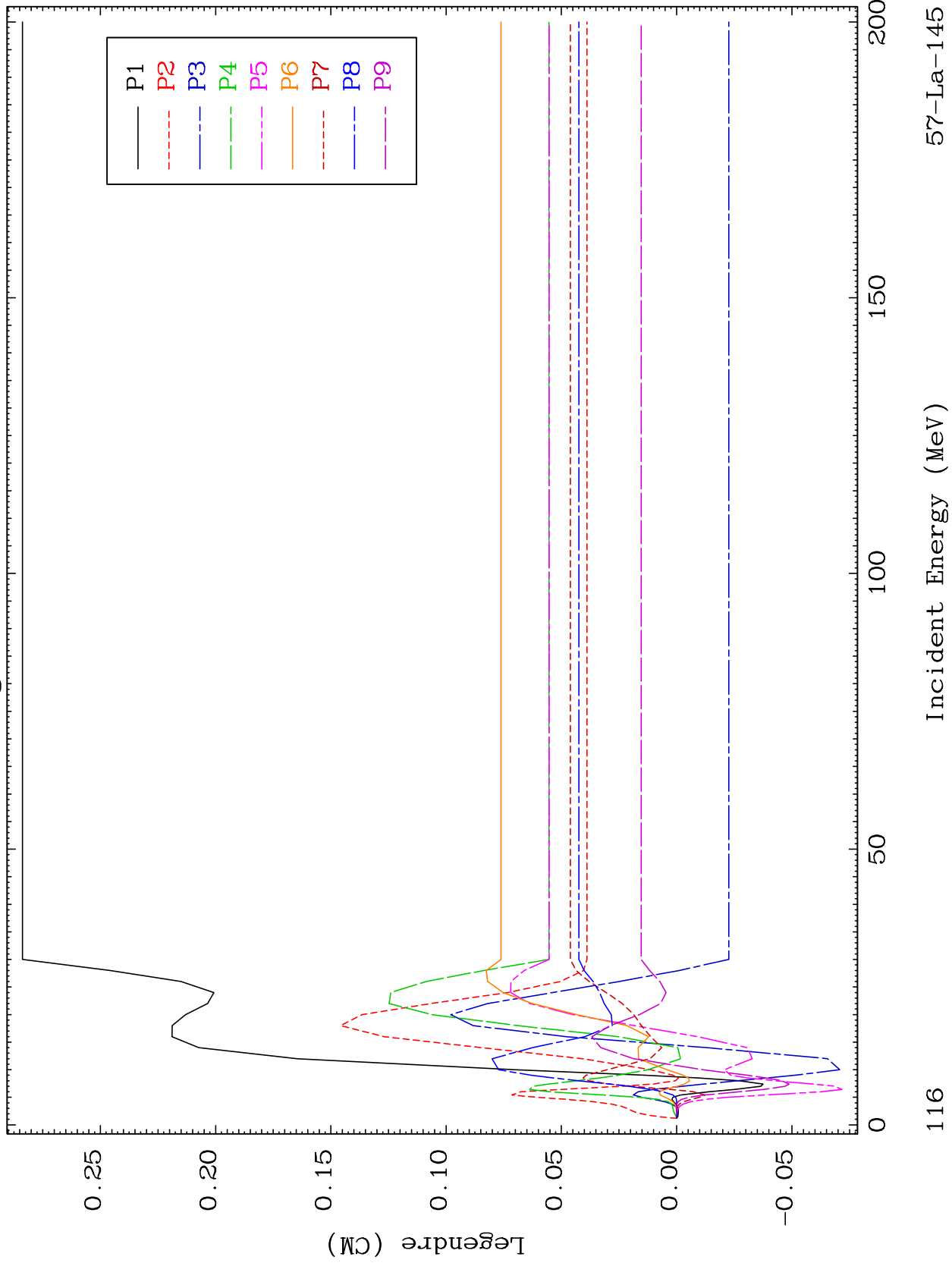


57-La-145

MAT 5746

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

57-La-145



57-La-145

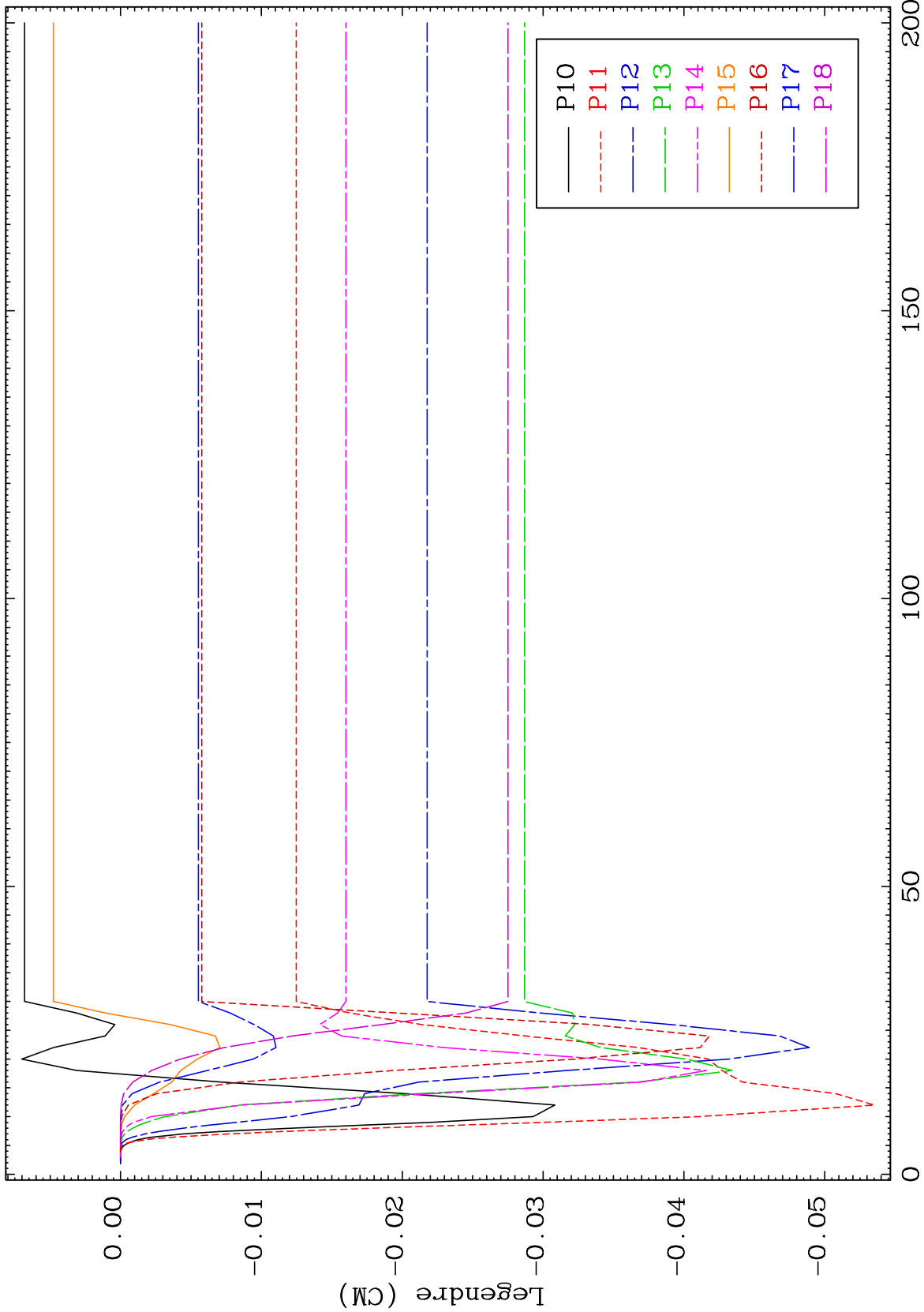
Incident Energy (MeV)

116

MAT 5746

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

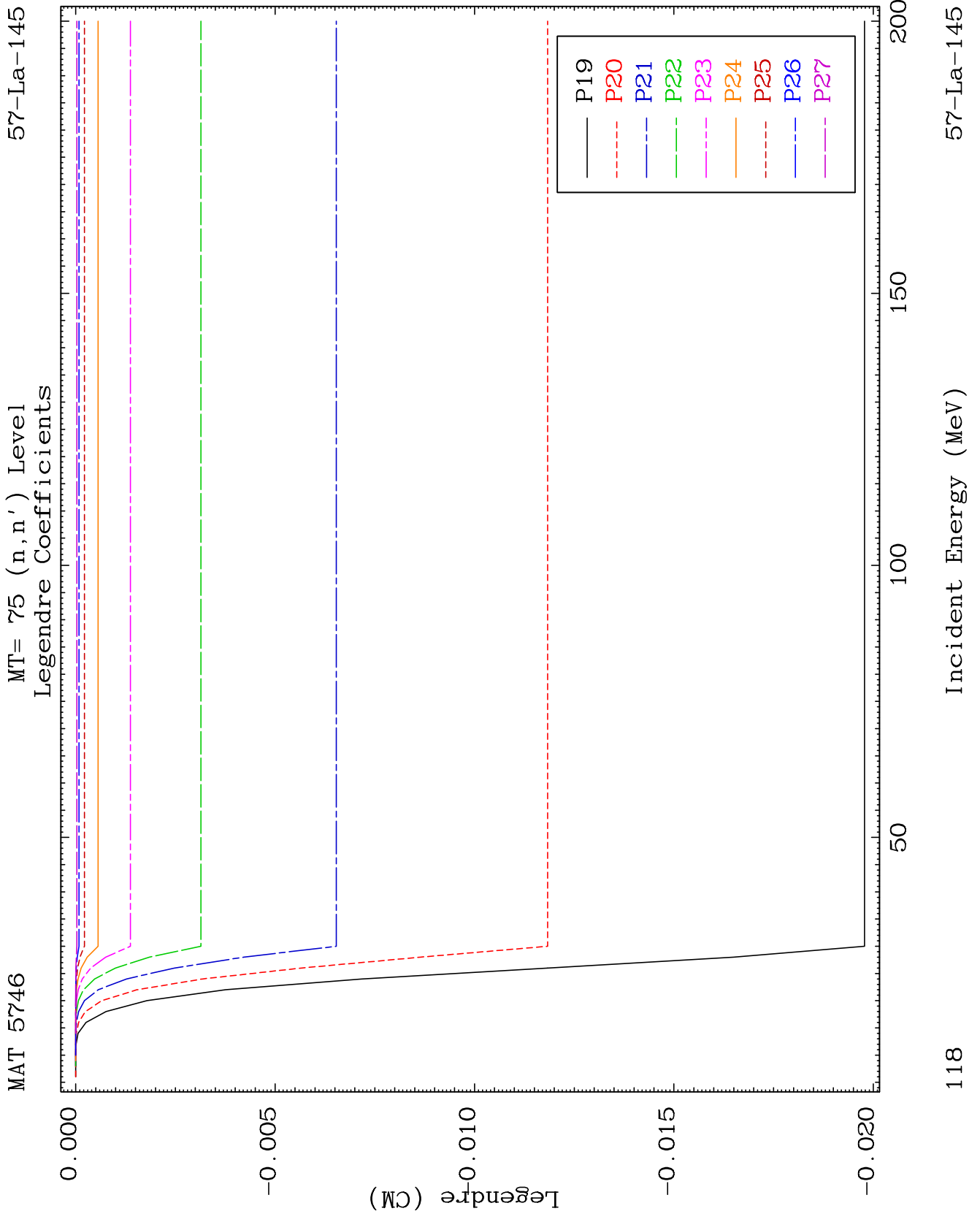
57-La-145

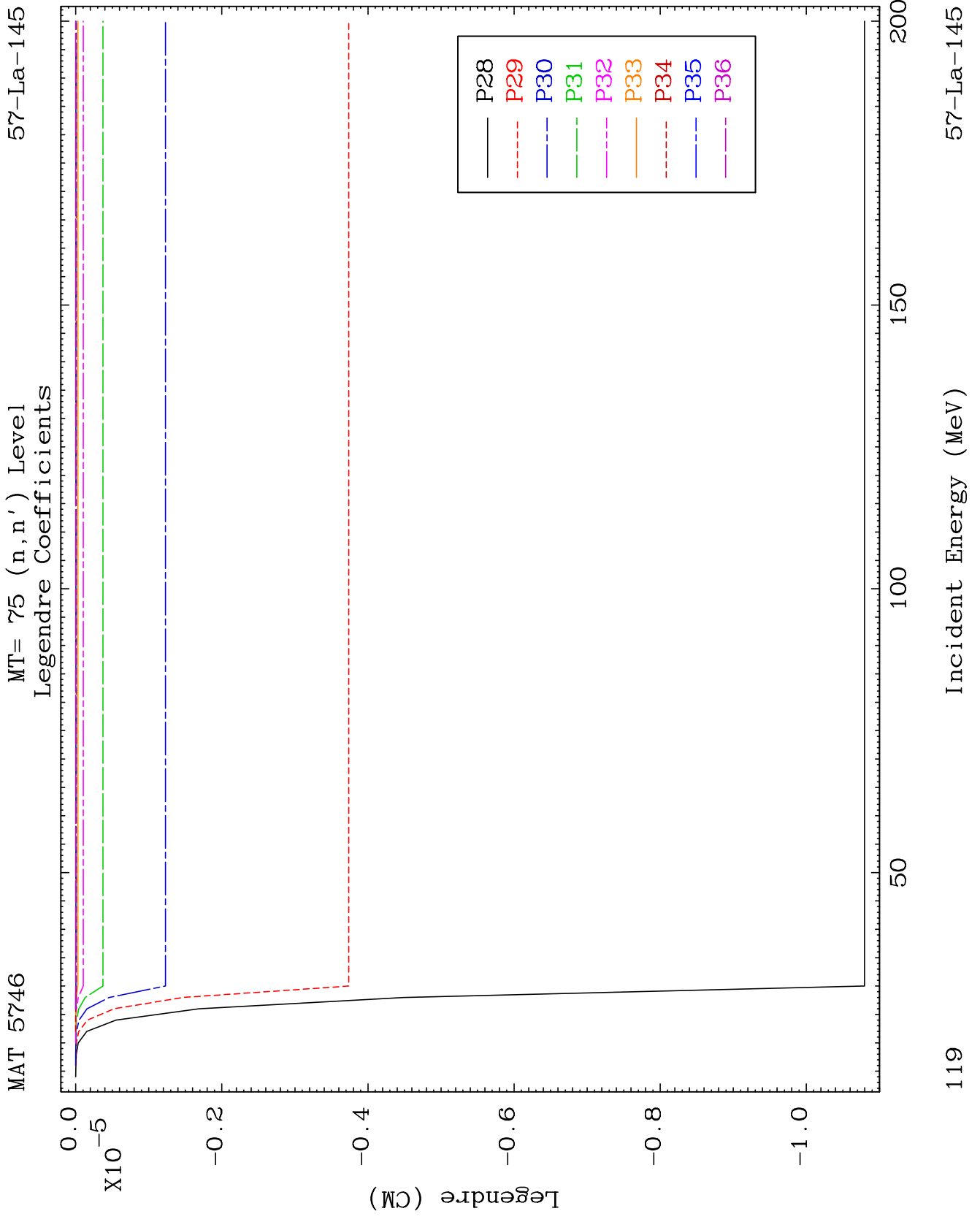


117

Incident Energy (MeV)

57-La-145



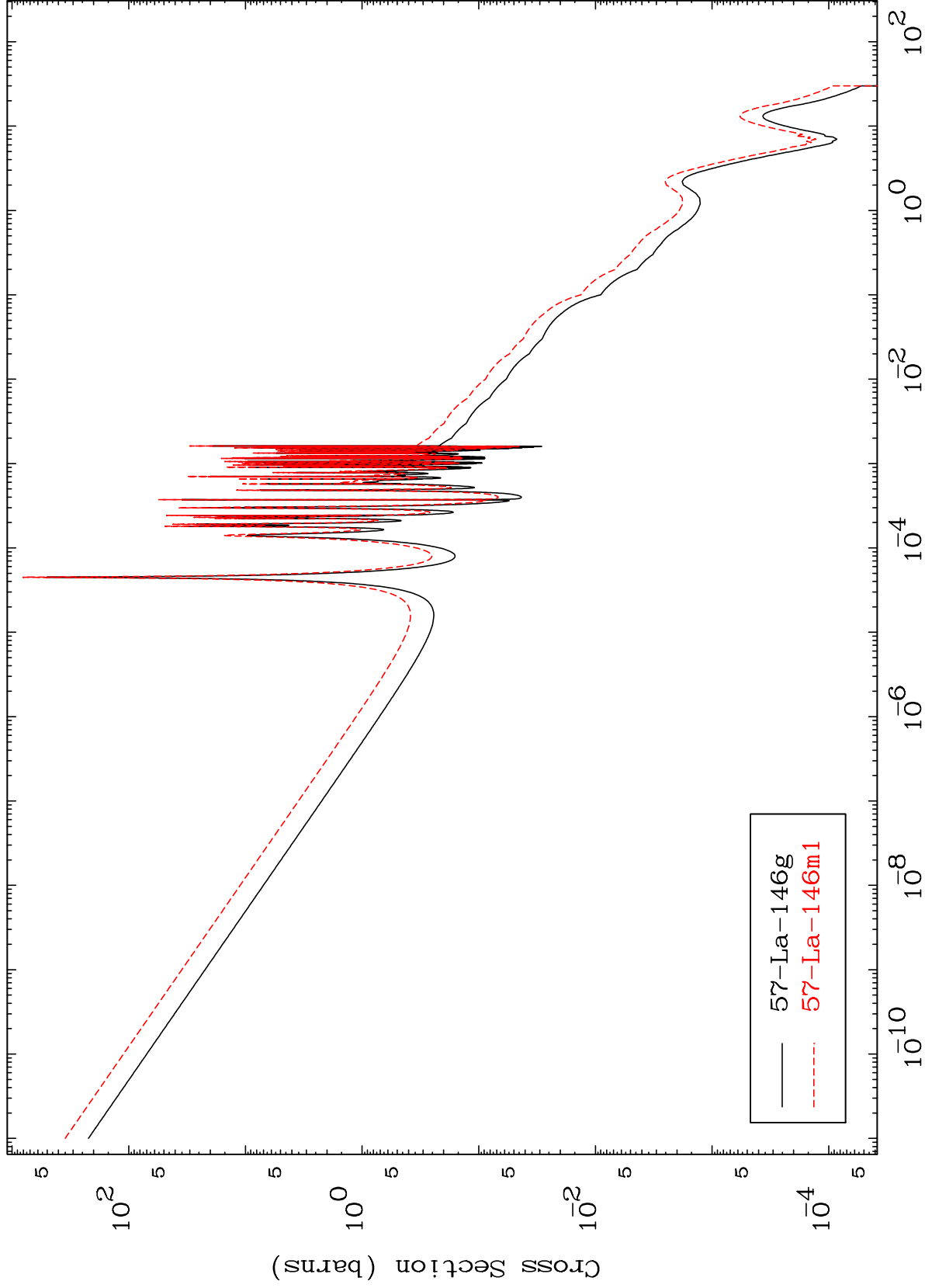


MAT 5746

57-La-145

Radionuclide Production Cross Section

(n, γ)



57-La-145

Incident Energy (MeV)

120