

Program EVALPLOT
(Version 2021-1)

by

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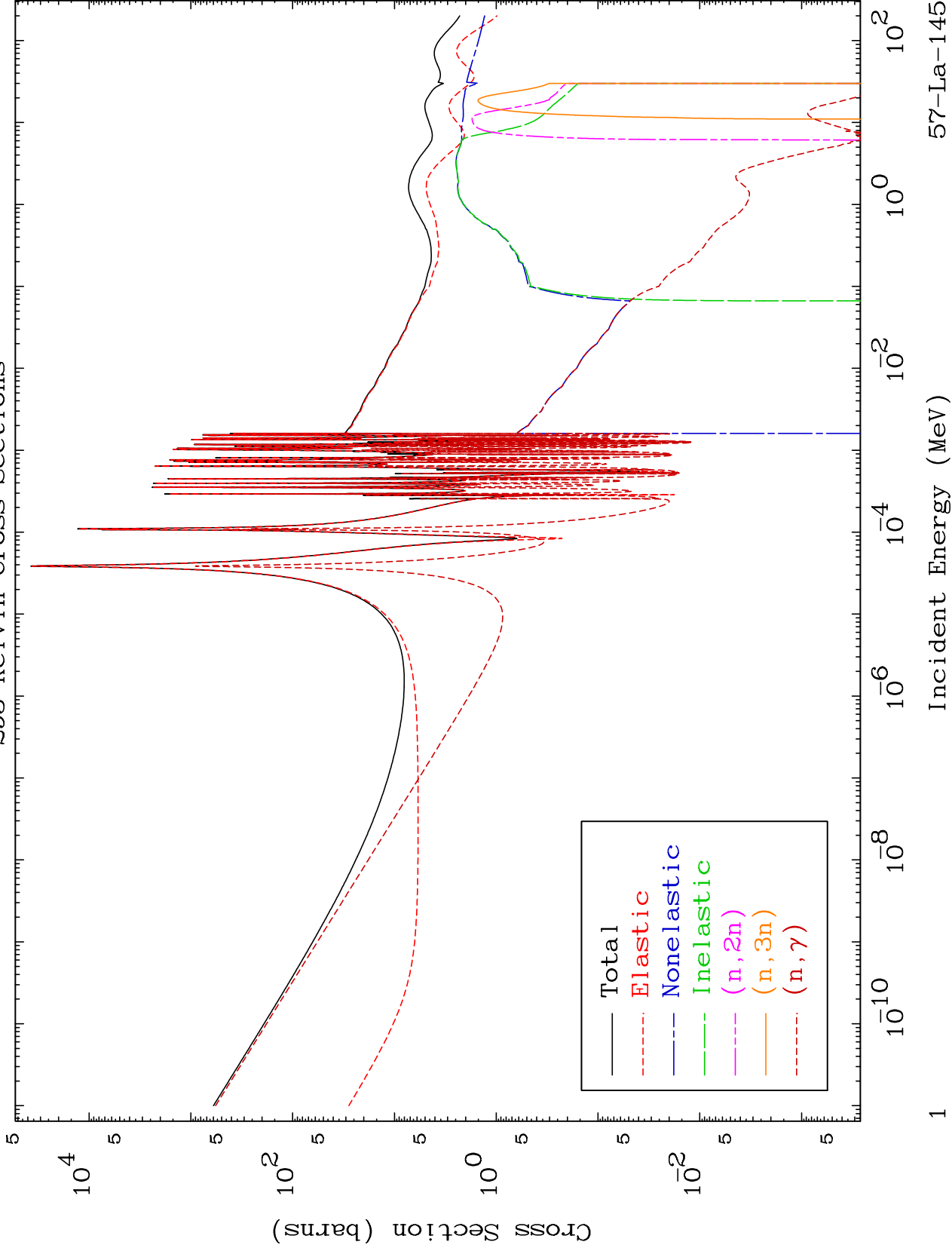
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Press Mouse Button to Start

MAT 5746

Neutron Major
293 Kelvin Cross Sections

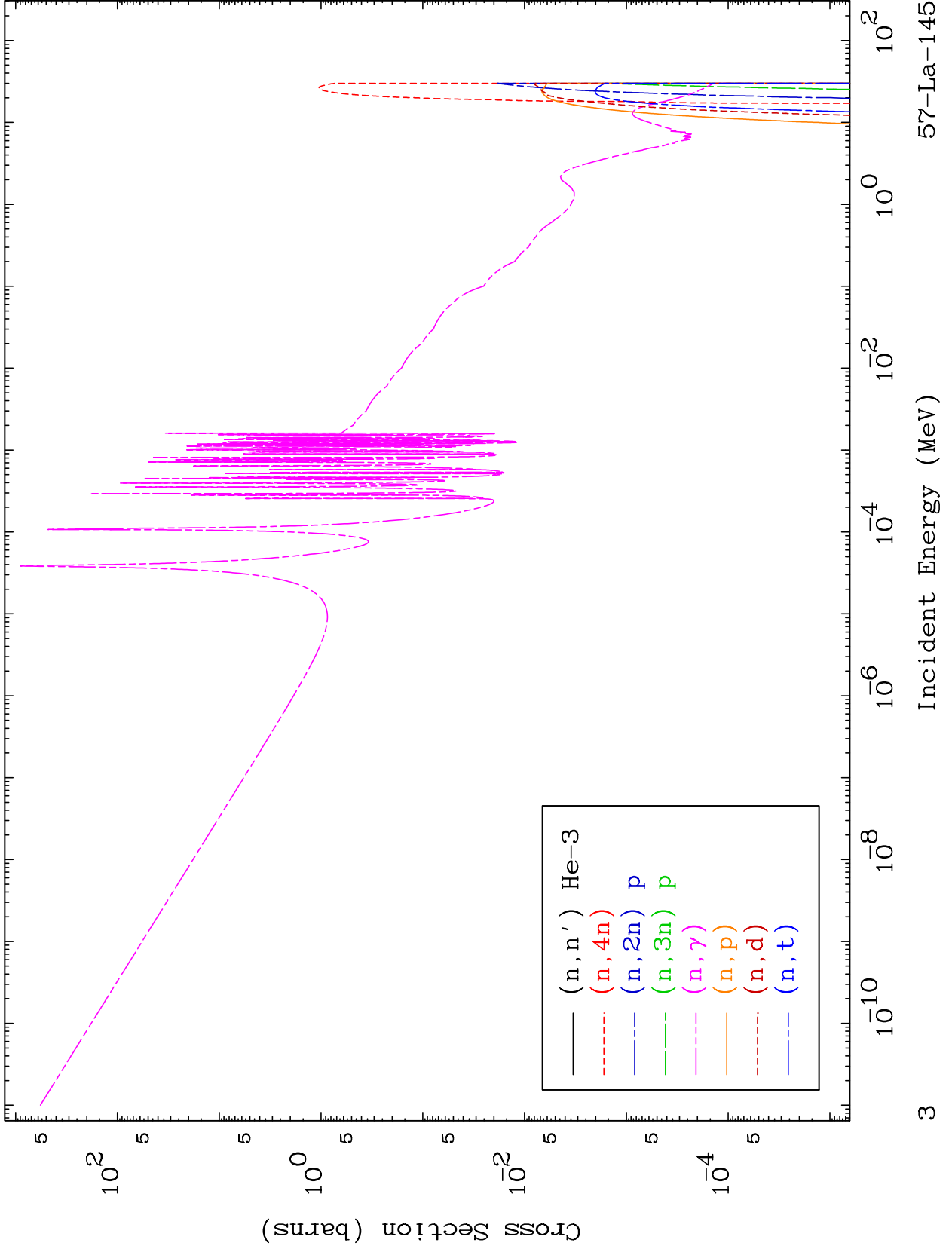
57-La-145



MAT 5746

Neutron Absorption
293 Kelvin Cross Sections

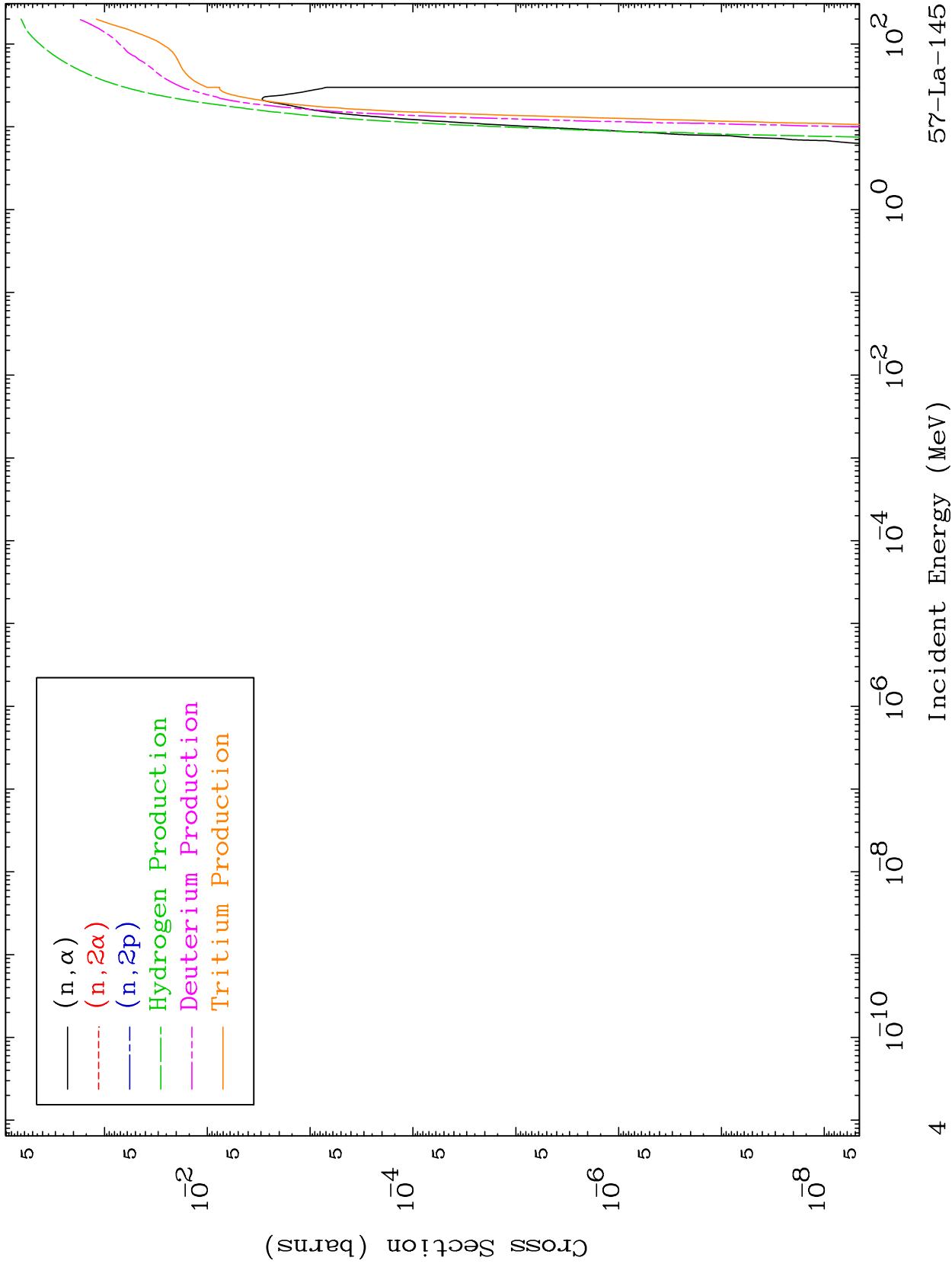
57-La-145



MAT 5746

Neutron Absorption
293 Kelvin Cross Sections

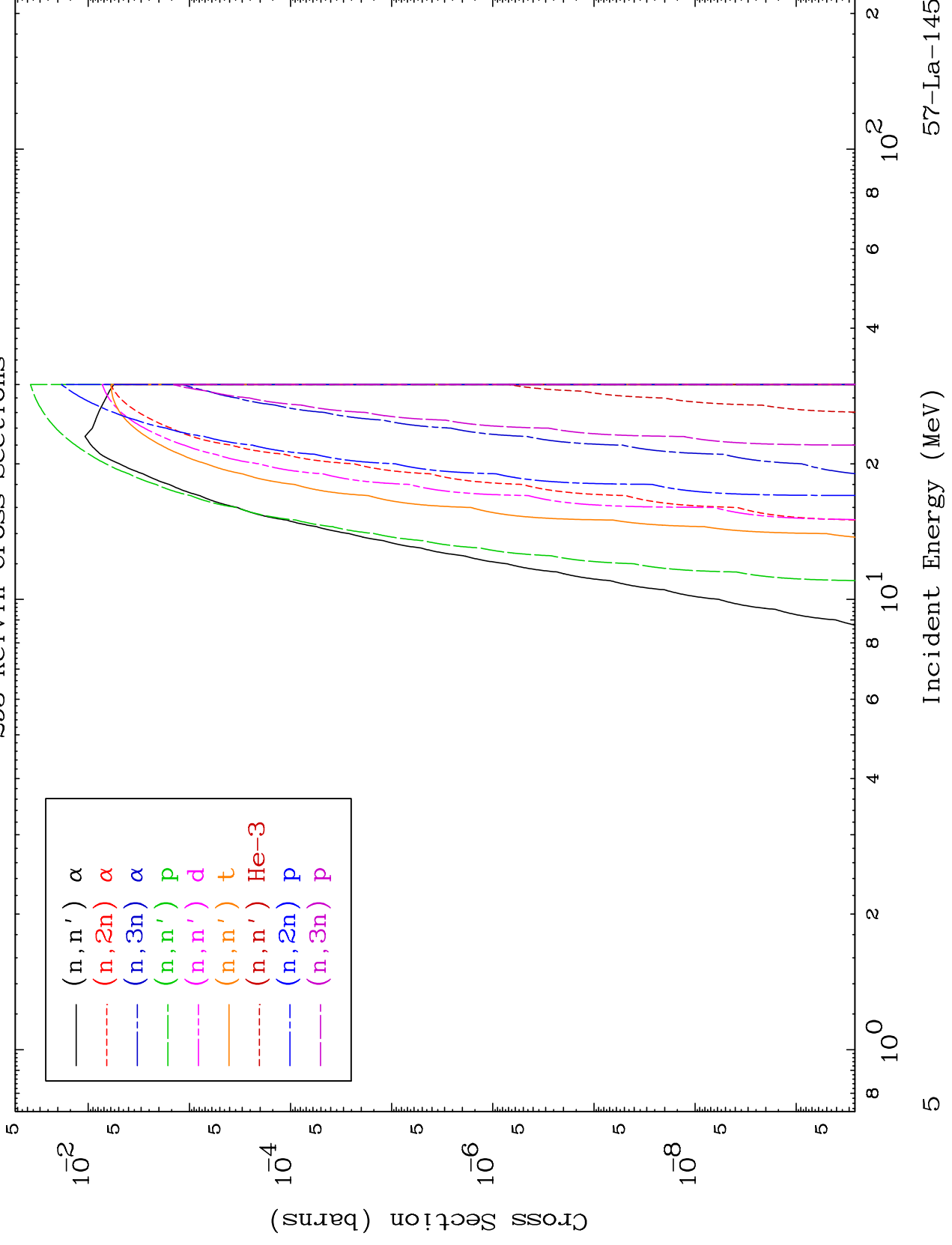
57-La-145



MAT 5746

Charged Particle
293 Kelvin Cross Sections

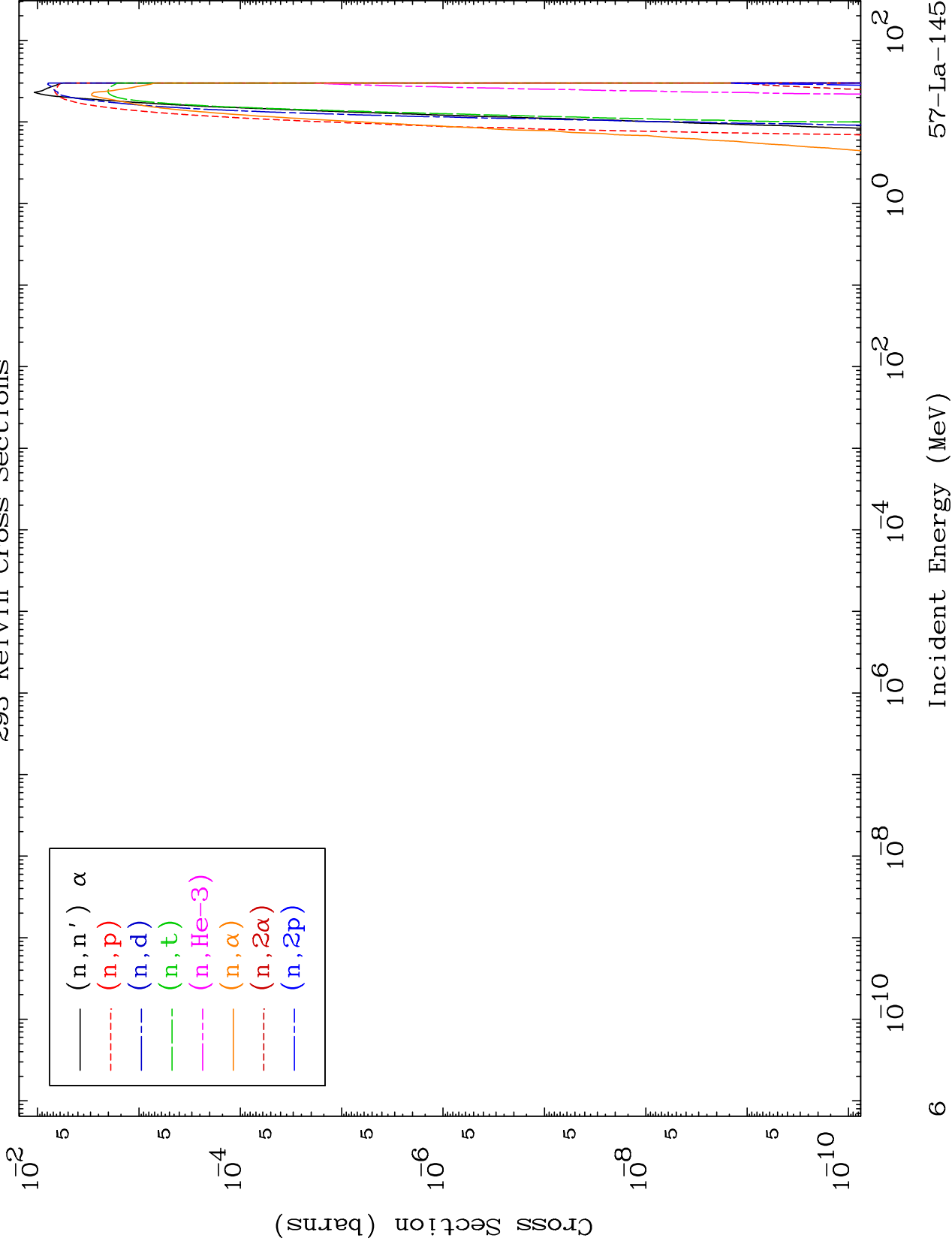
57-La-145



MAT 5746

Charged Particle
293 Kelvin Cross Sections

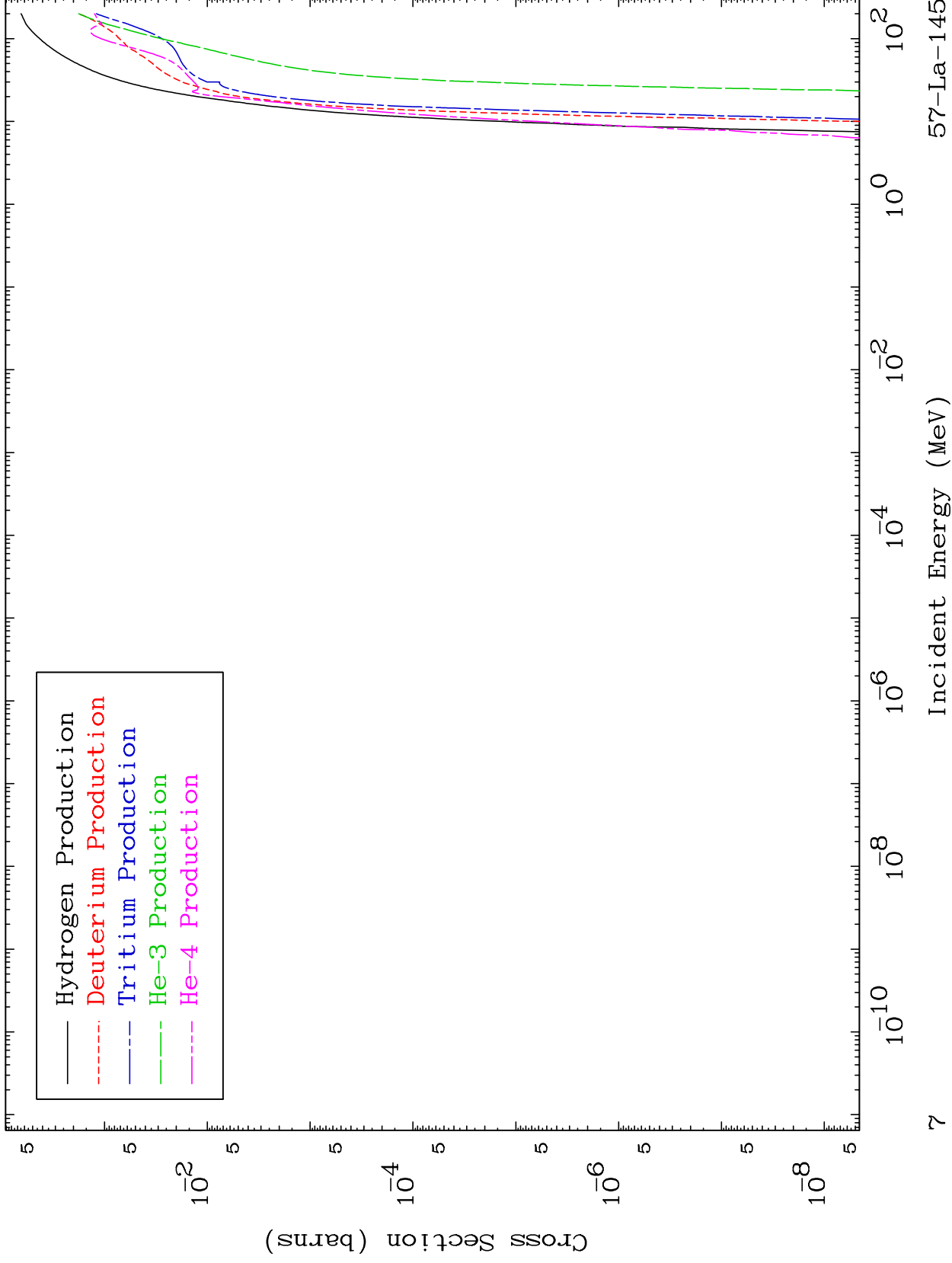
57-La-145



MAT 5746

Particle Production
293 Kelvin Cross Sections

57-La-145

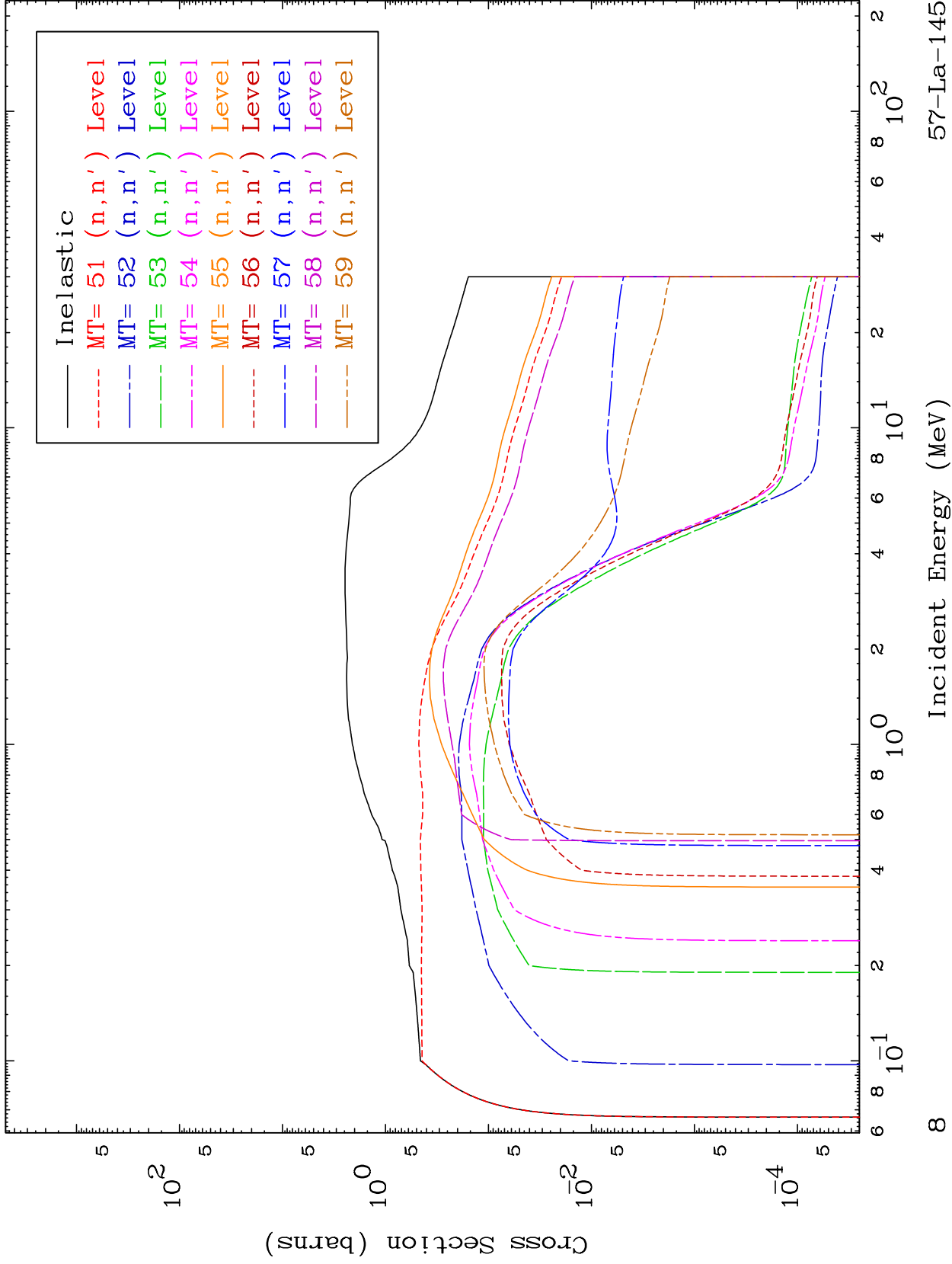


MAT 5746

(n,n') Levels

57-La-145

293 Kelvin Cross Sections



8

Incident Energy (MeV)

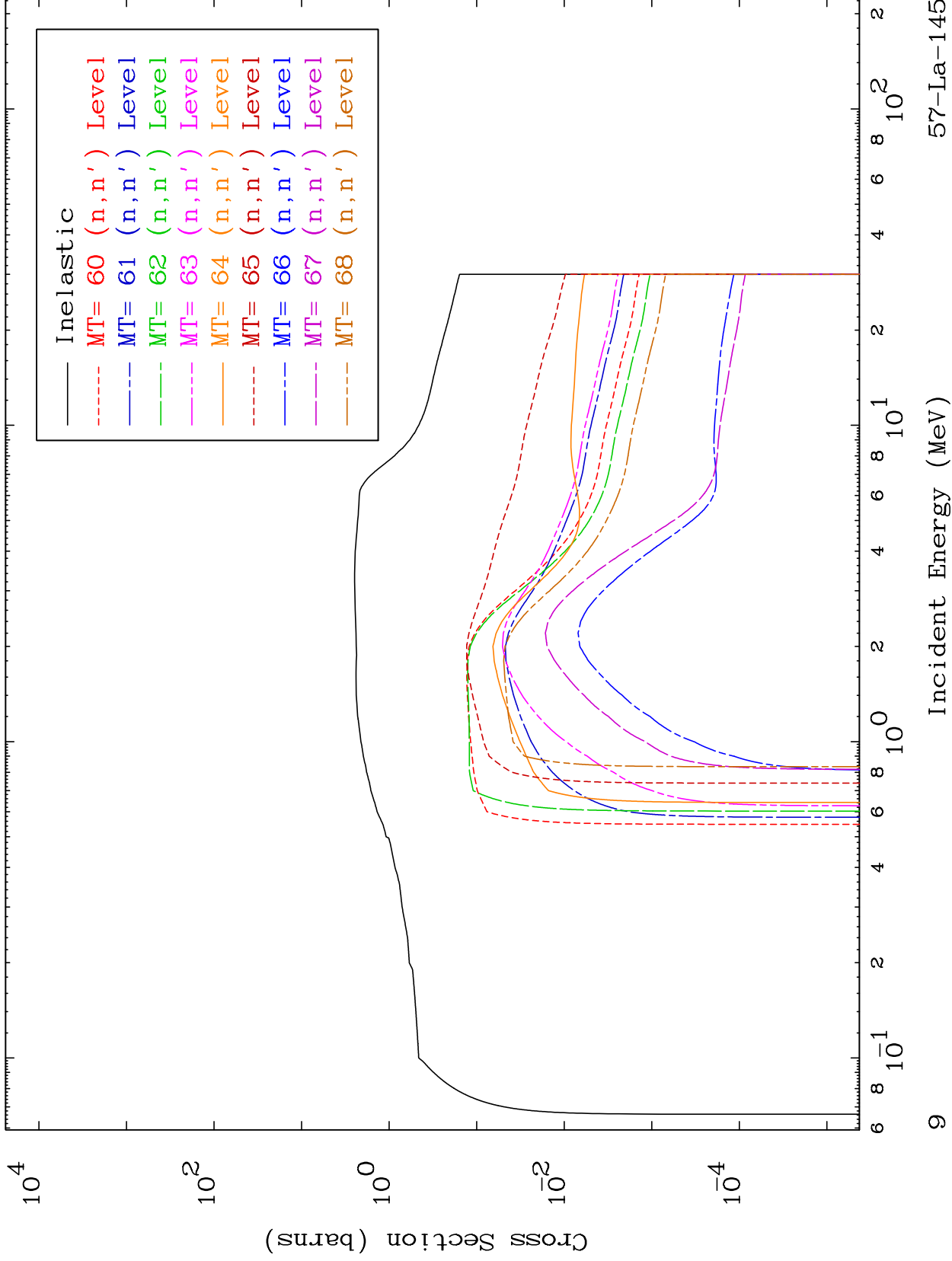
57-La-145

MAT 5746

(n,n') Levels

57-La-145

293 Kelvin Cross Sections



9

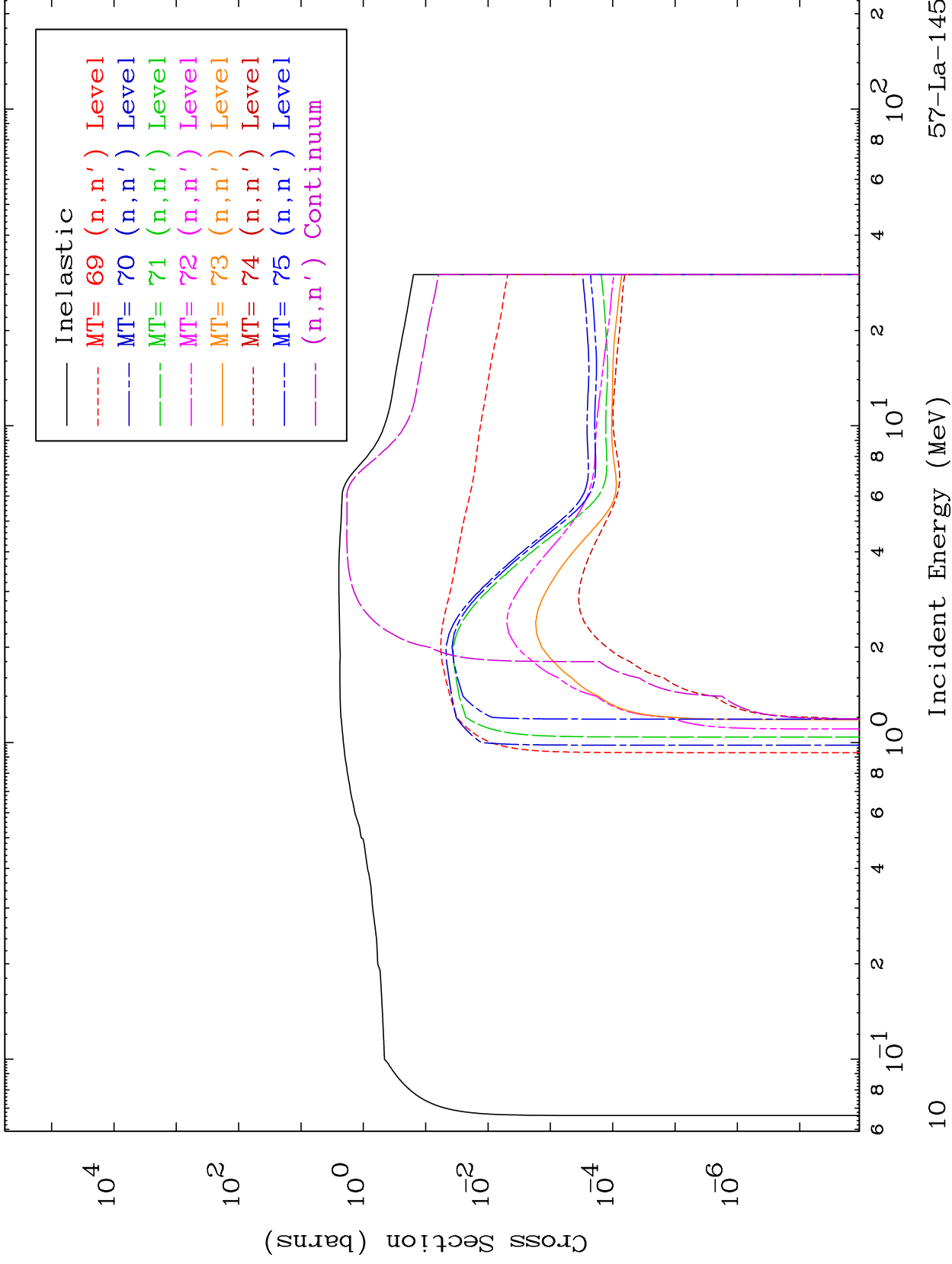
Incident Energy (MeV)

57-La-145

MAT 5746

(n,n') Levels
293 Kelvin Cross Sections

57-La-145



57-La-145

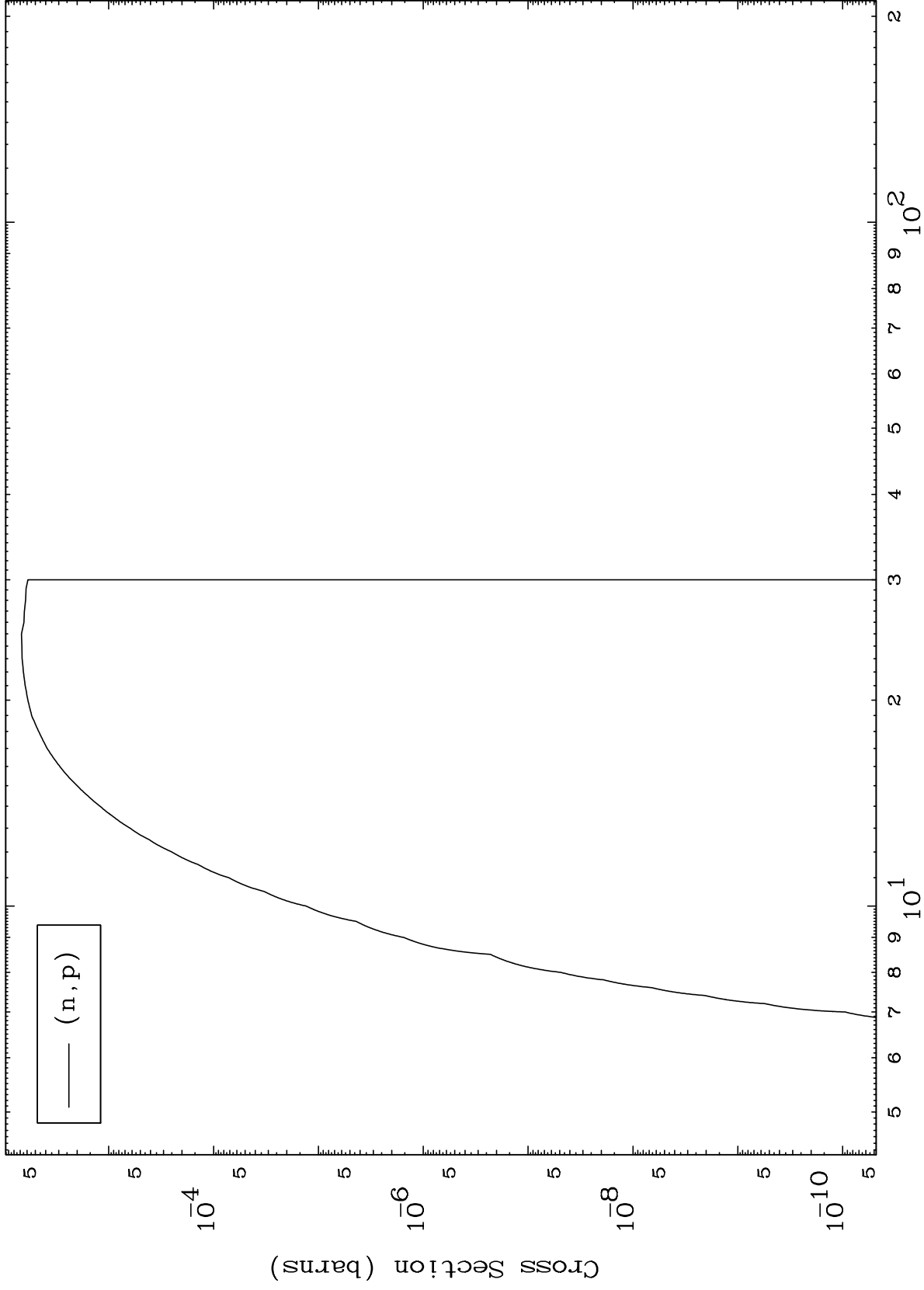
Incident Energy (MeV)

10

MAT 5746

(n,p) Levels
293 Kelvin Cross Sections

57-La-145



11

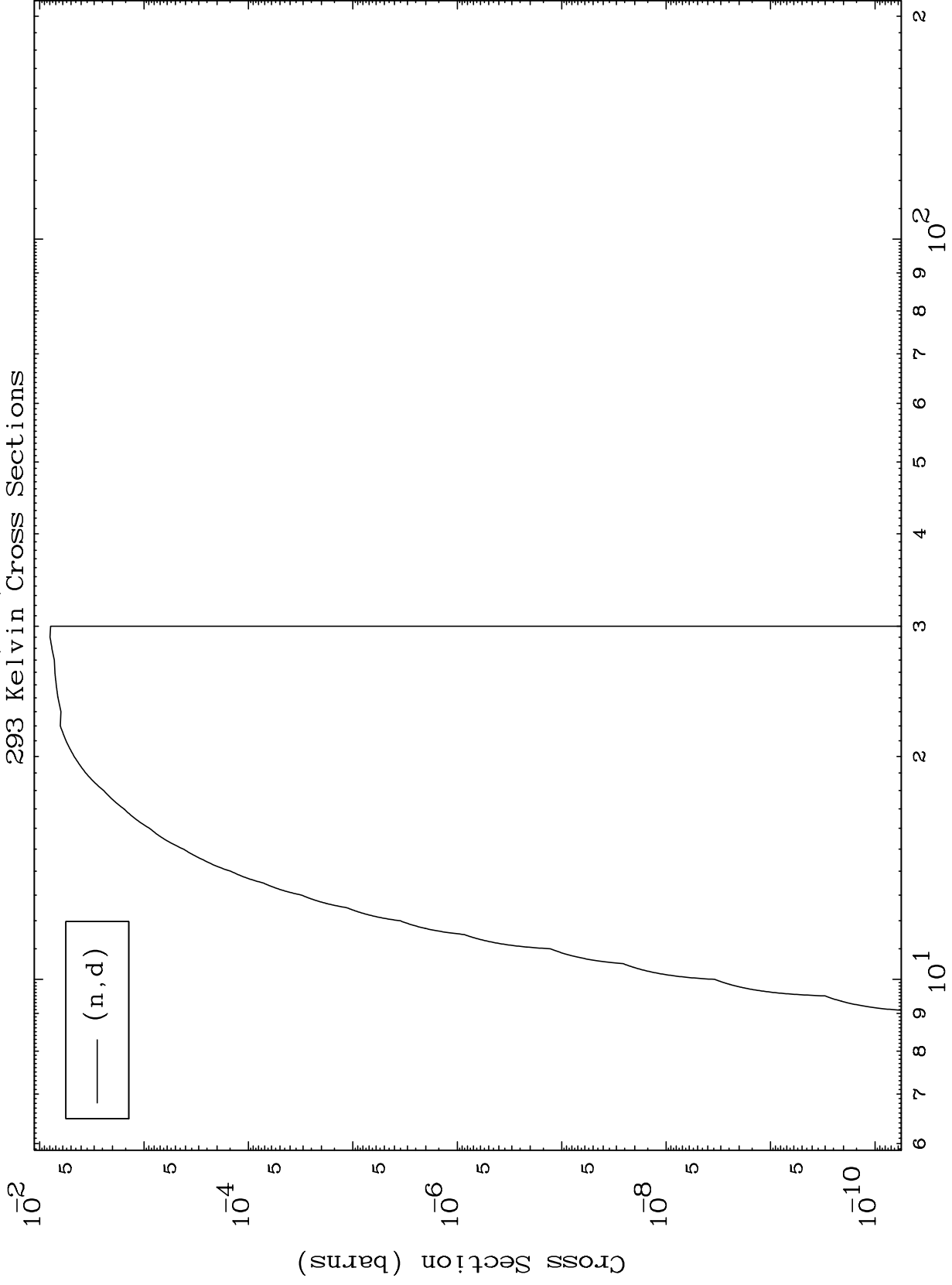
Incident Energy (MeV)

57-La-145

MAT 5746

(n,d) Levels
293 Kelvin Cross Sections

57-La-145



(n,d)

12

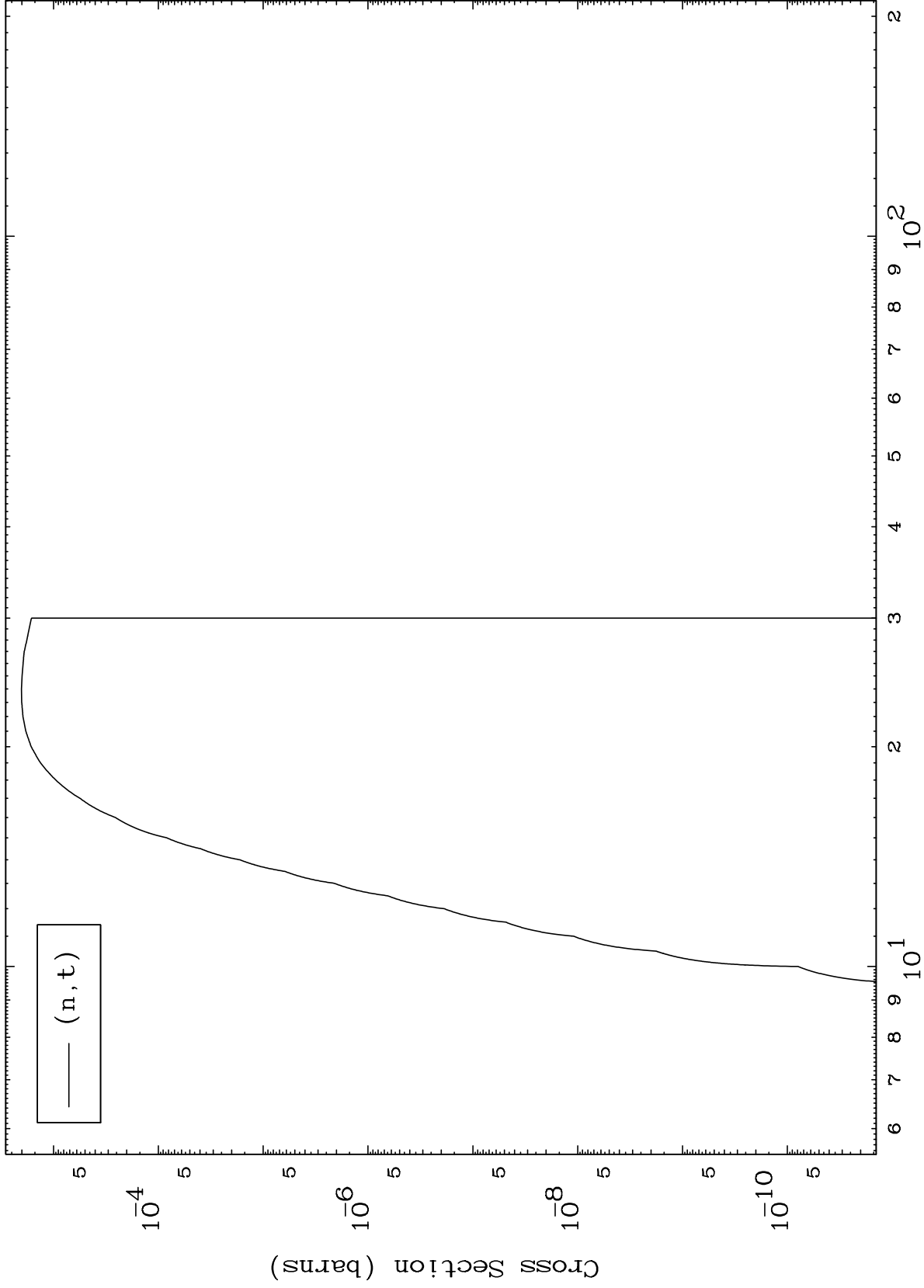
Incident Energy (MeV)

57-La-145

MAT 5746

(n, t) Levels
293 Kelvin Cross Sections

57-La-145



13

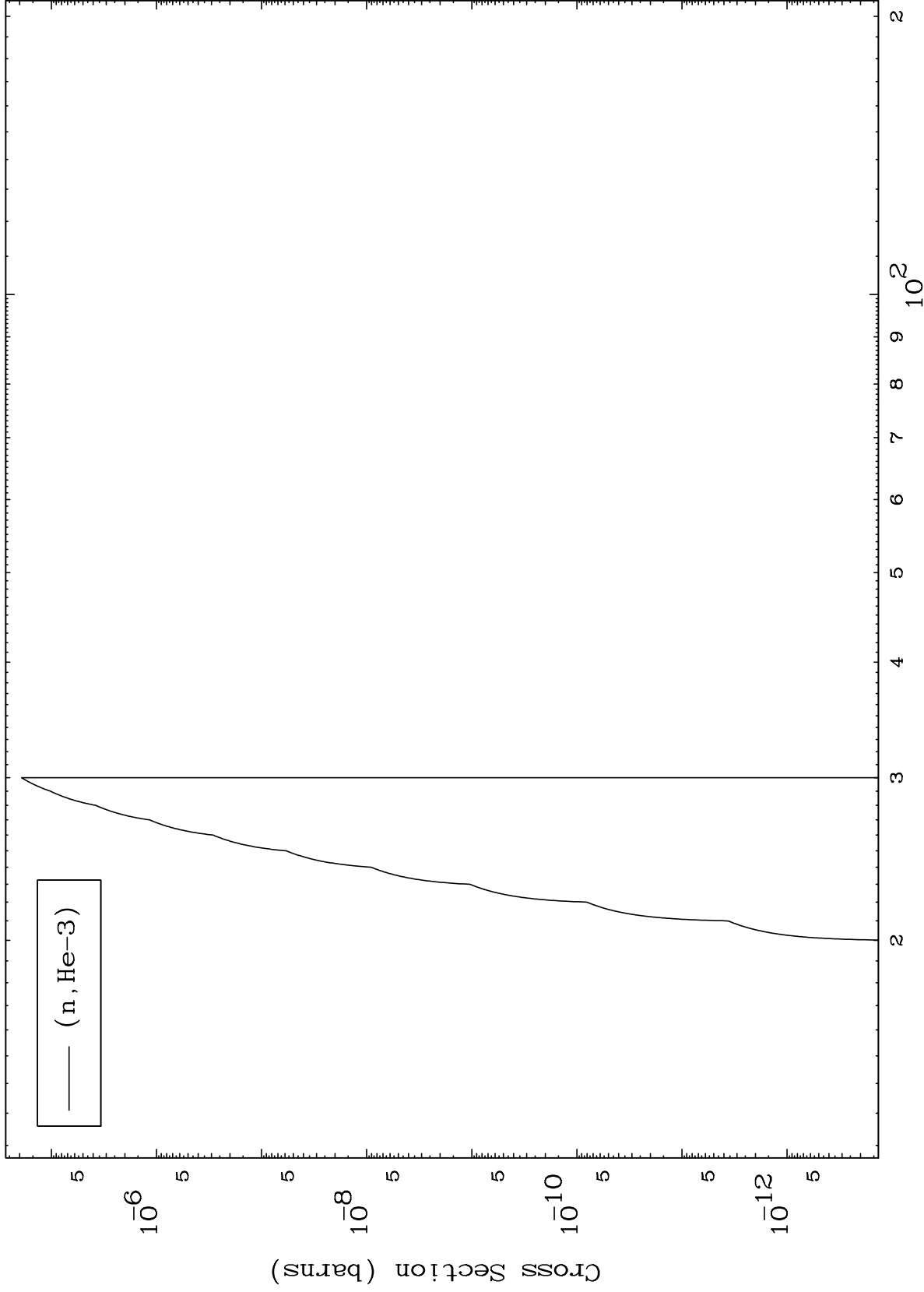
Incident Energy (MeV)

57-La-145

MAT 5746

(n,He3) Levels
293 Kelvin Cross Sections

57-La-145



14

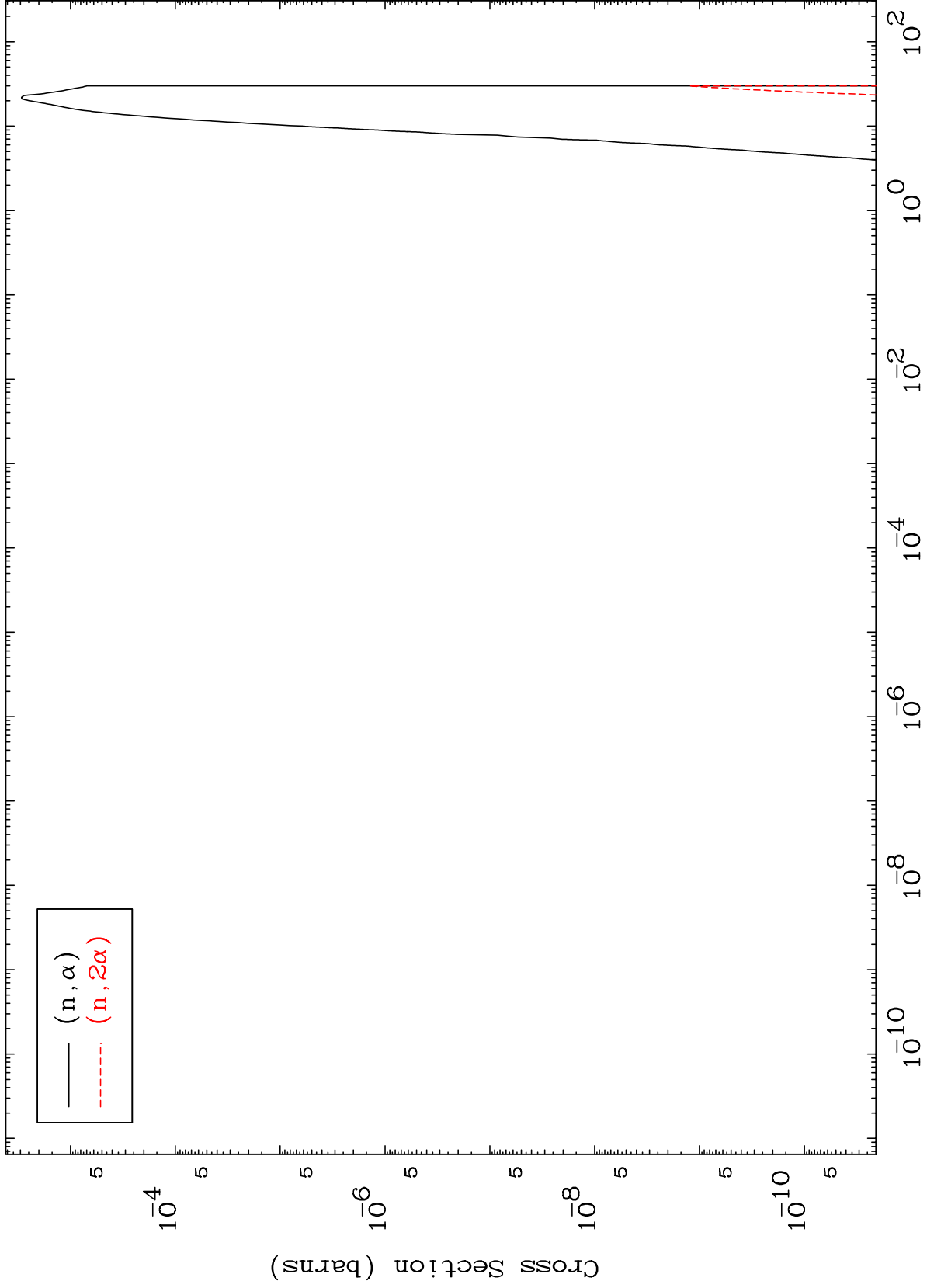
Incident Energy (MeV)

57-La-145

MAT 5746

(n, α) Levels
293 Kelvin Cross Sections

57-La-145



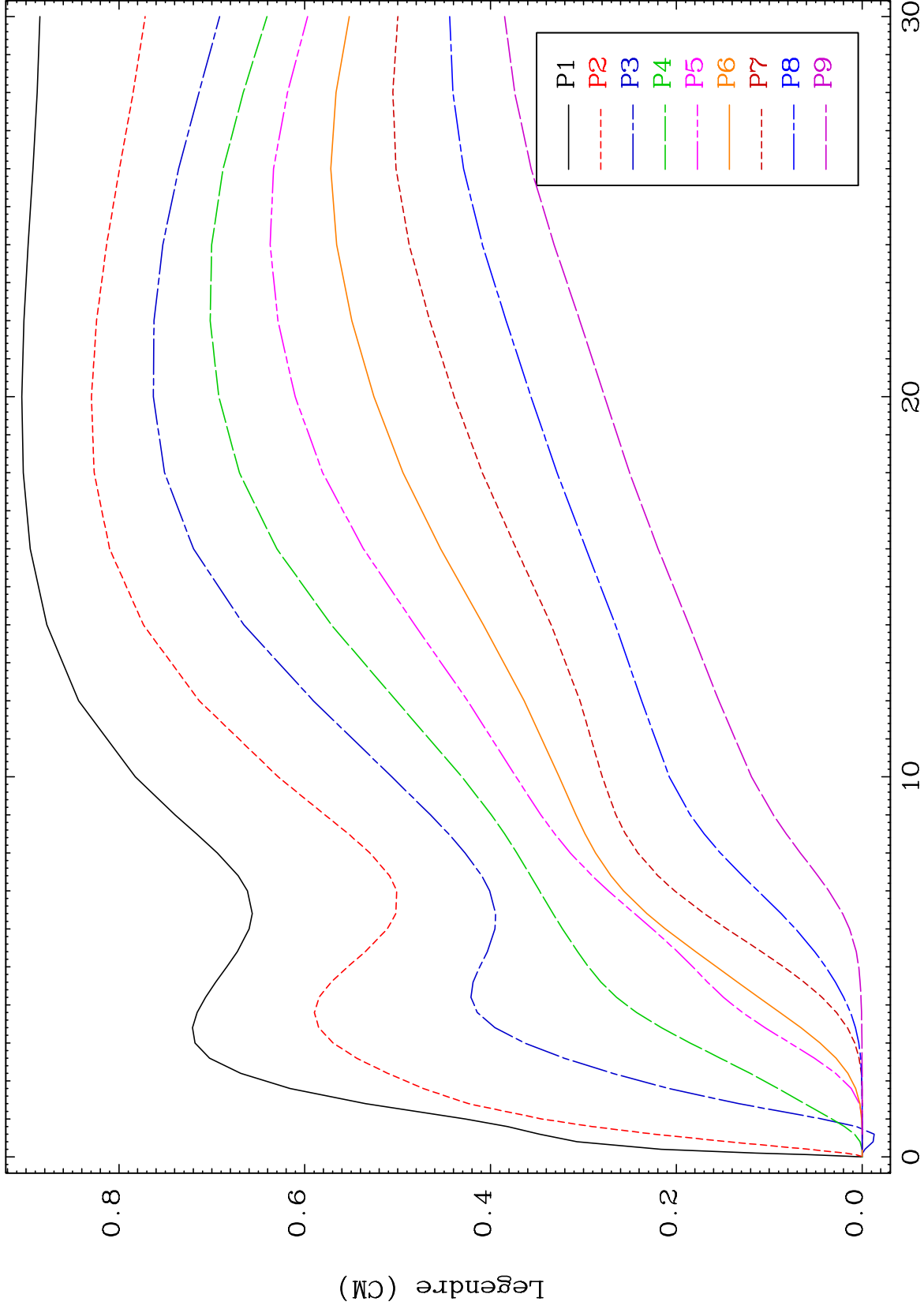
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57-La-145

MAT 5746

Elastic Legendre Coefficients

57-La-145



0

10

20

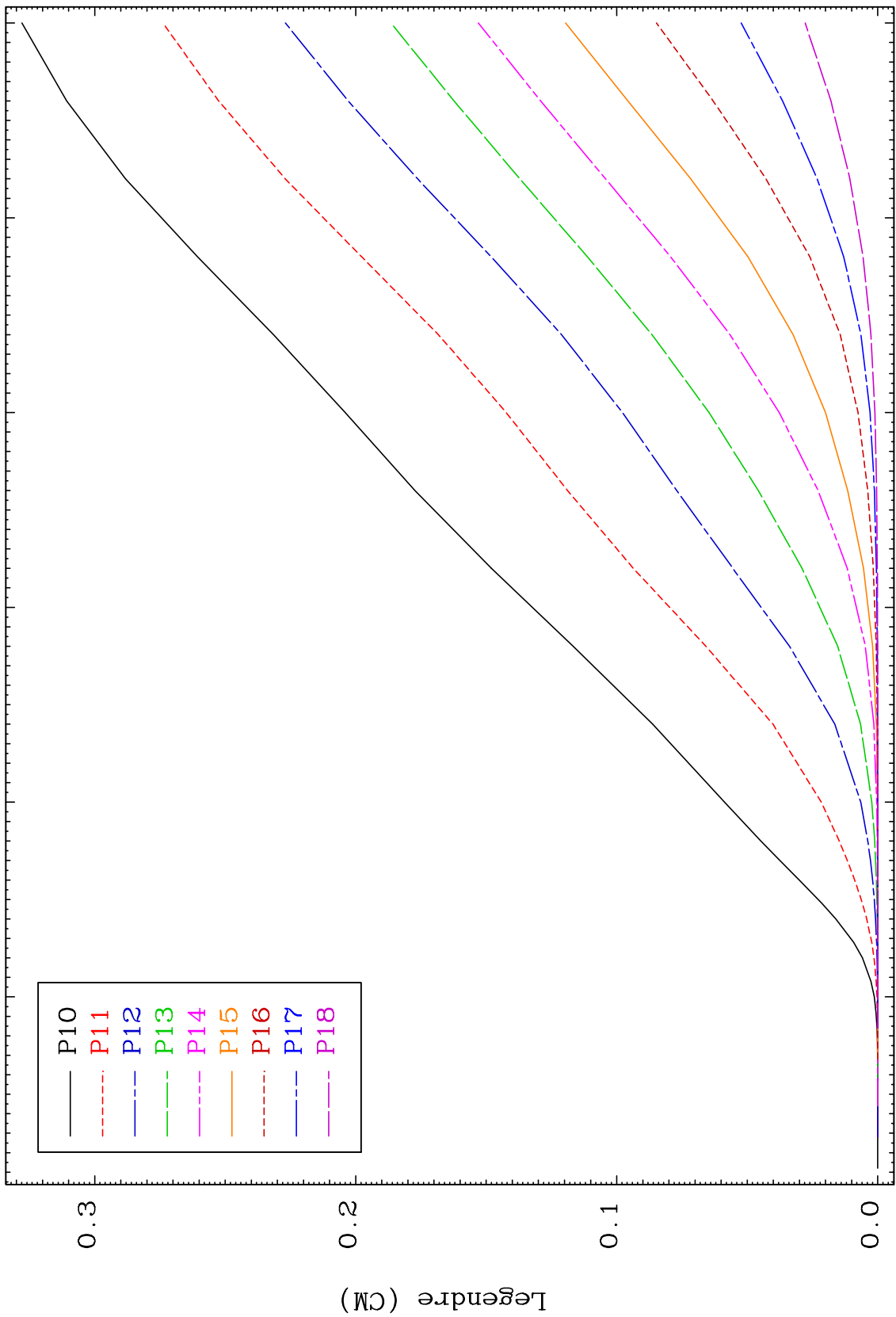
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57-La-145

MAT 5746

Elastic Legendre Coefficients

57-La-145



17

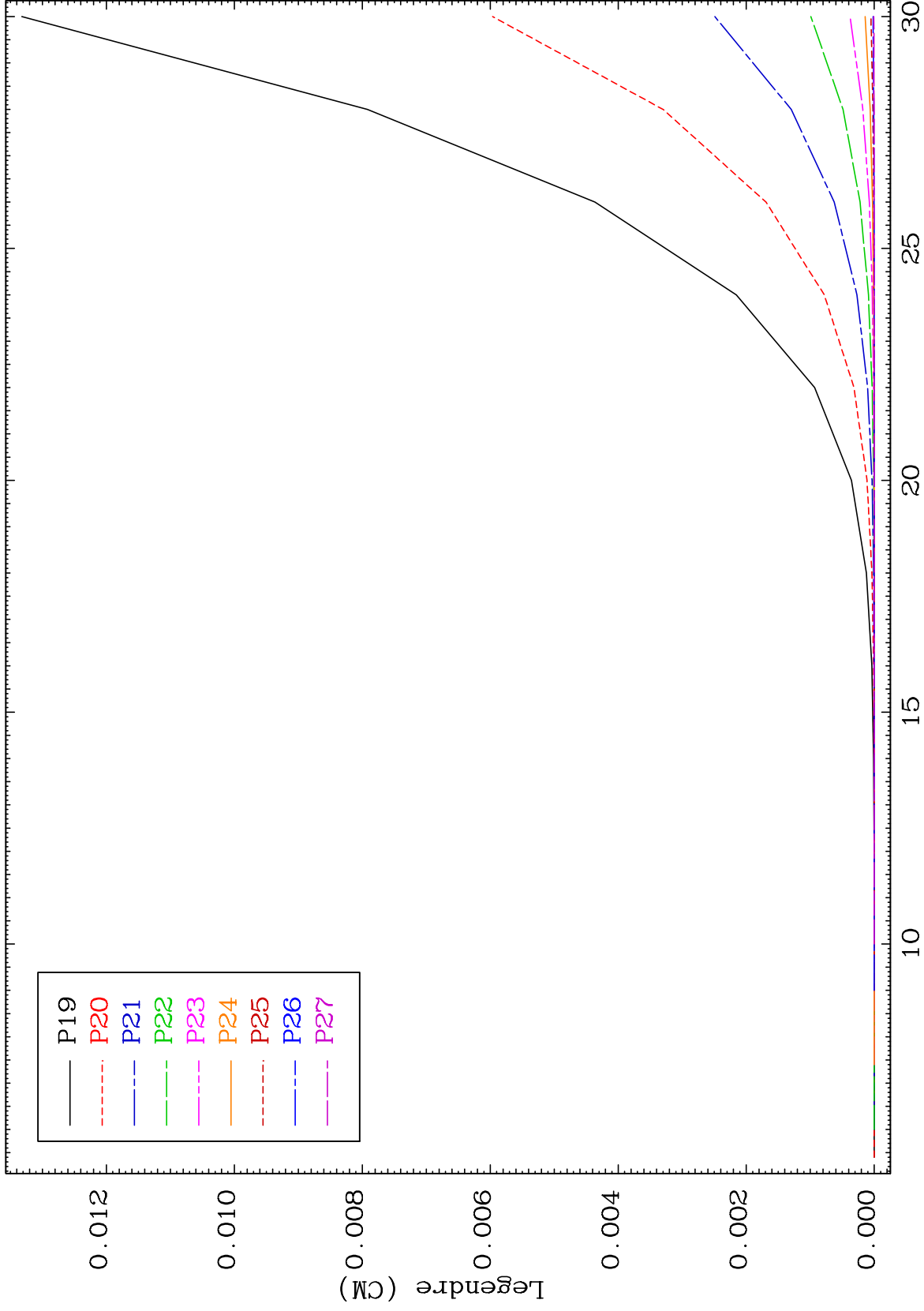
57-La-145

Incident Energy (MeV)

MAT 5746

Elastic Legendre Coefficients

57-La-145



18

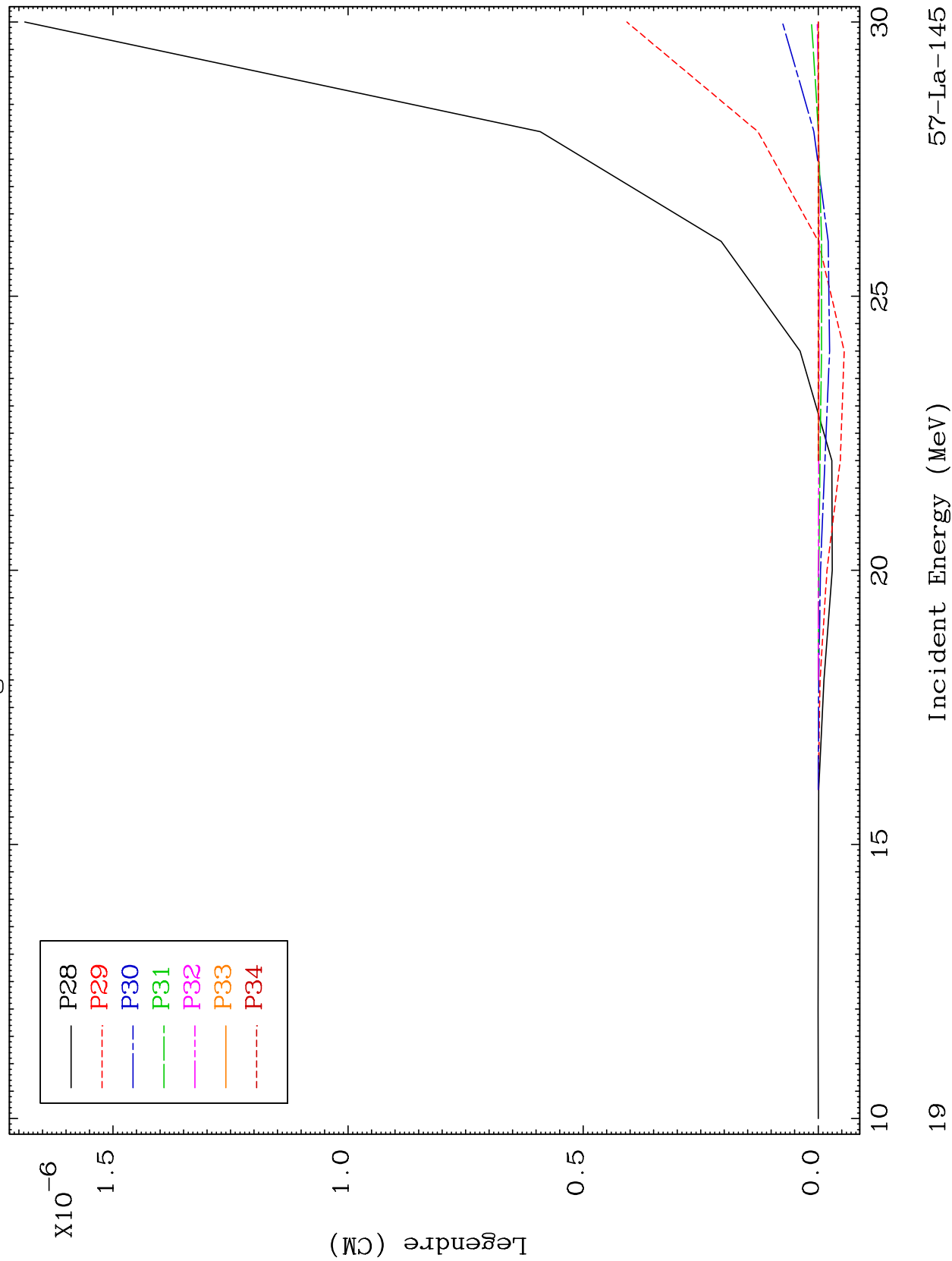
Incident Energy (MeV)

57-La-145

MAT 5746

Elastic
Legendre Coefficients

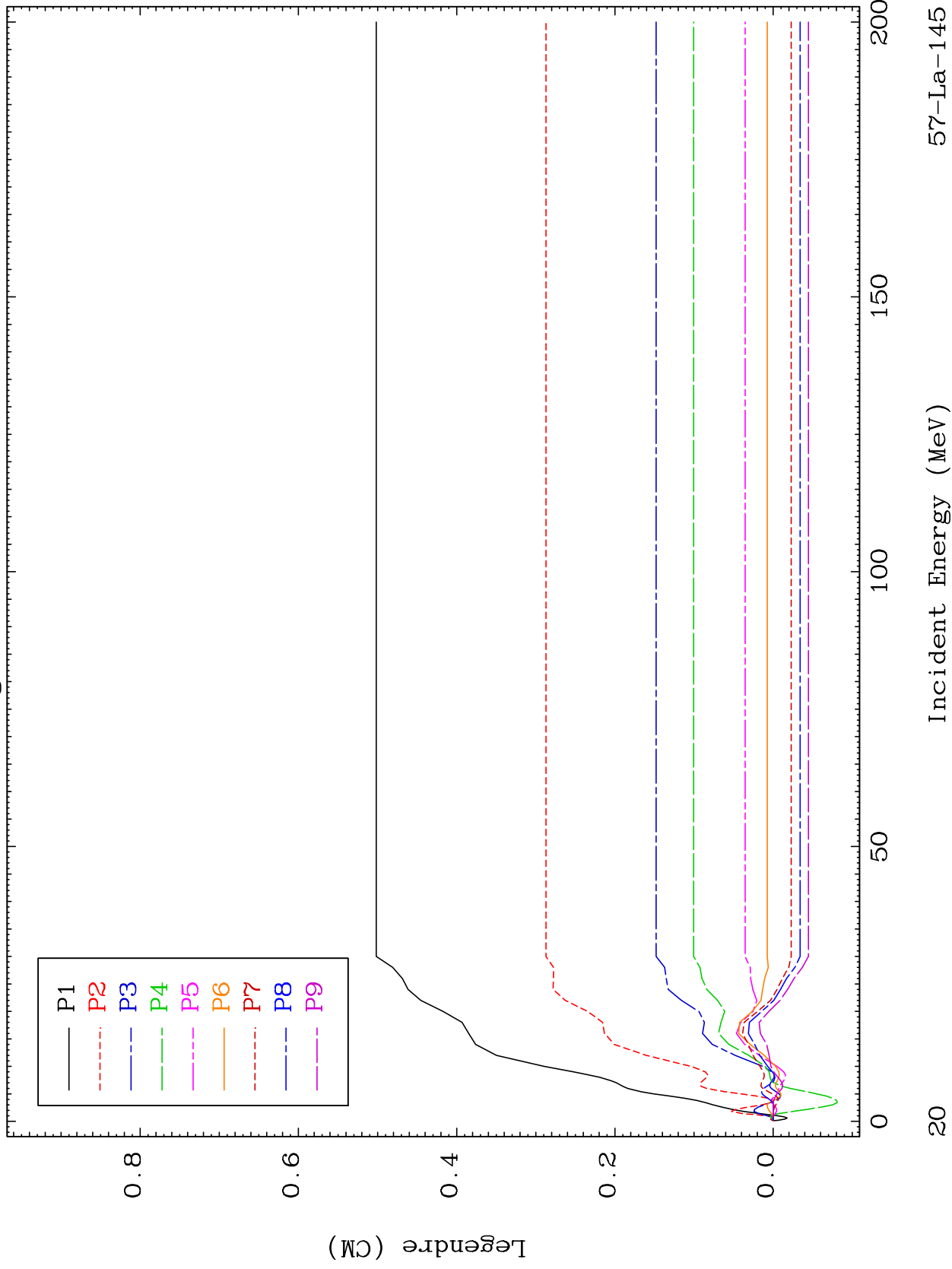
57-La-145



MAT 5746

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

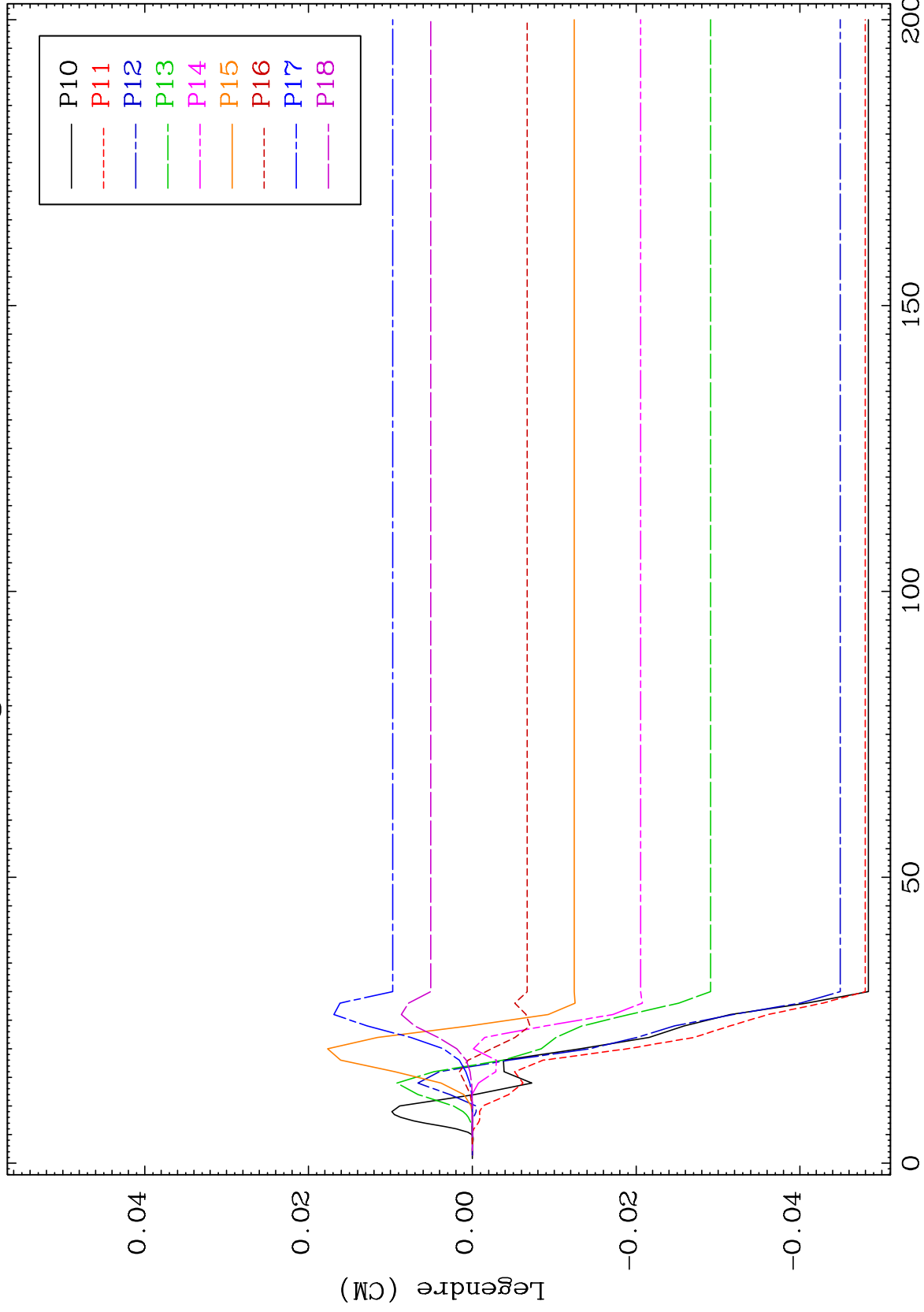
57-La-145



MAT 5746

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

57-La-145



21

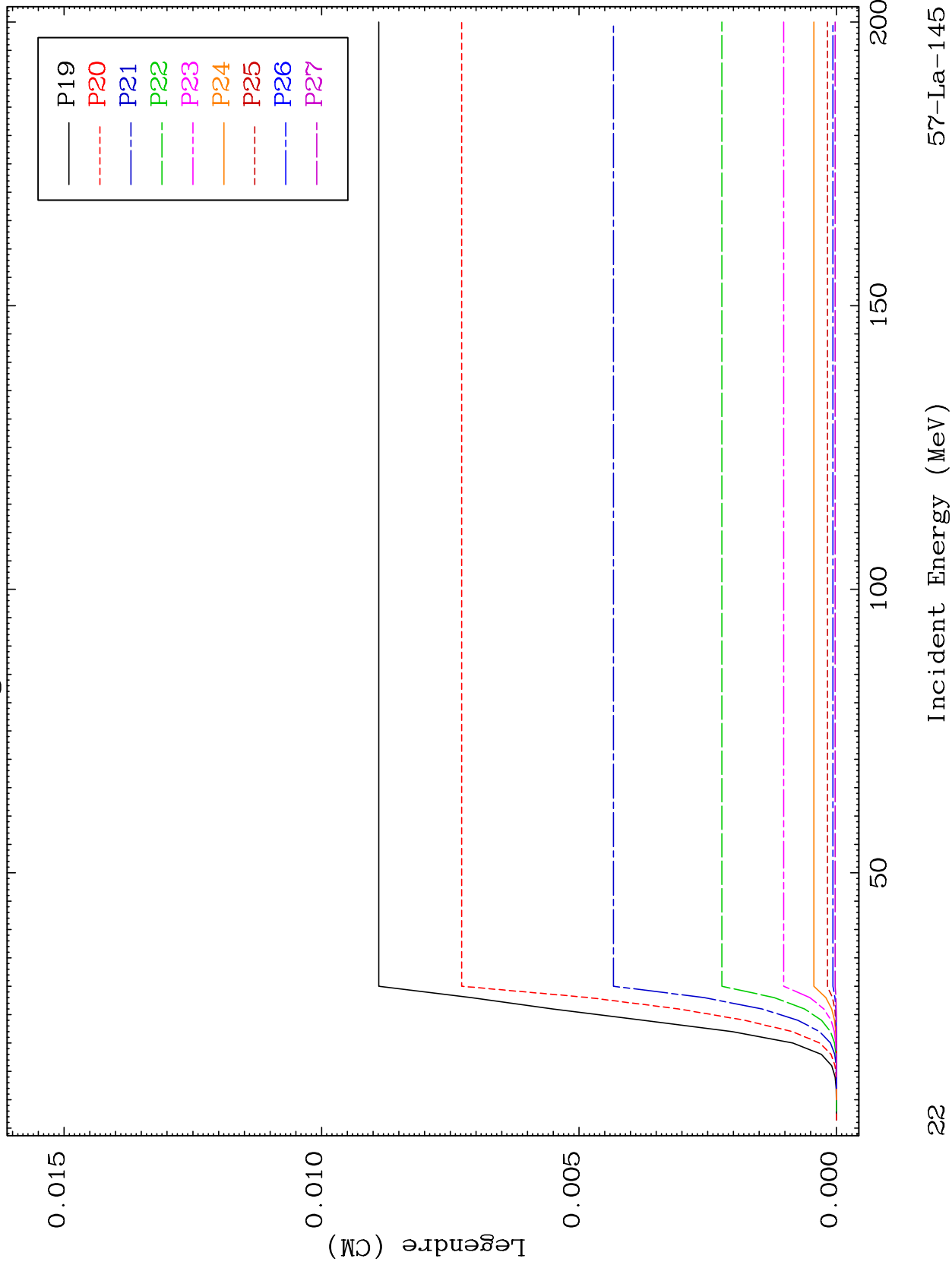
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



22

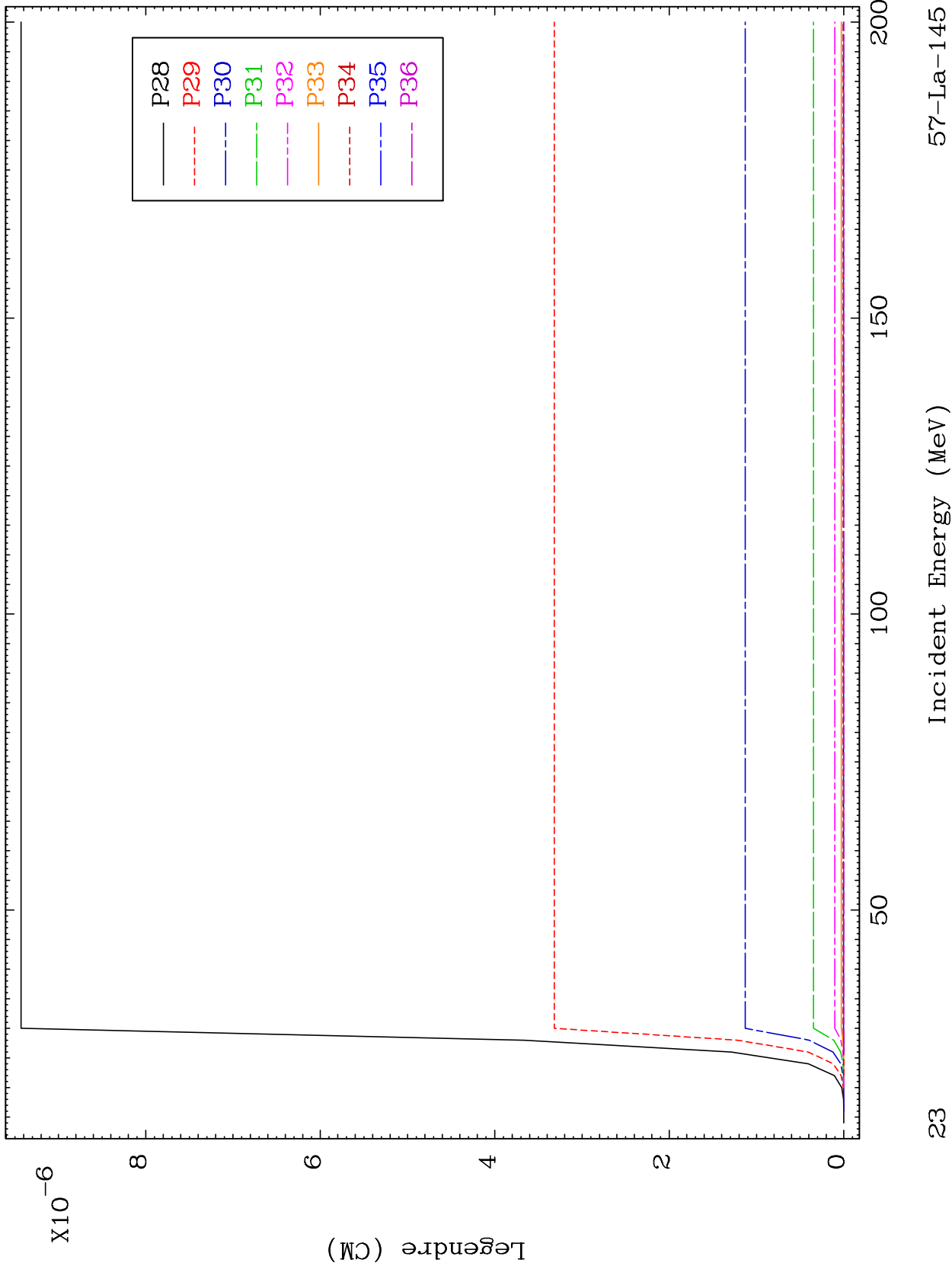
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



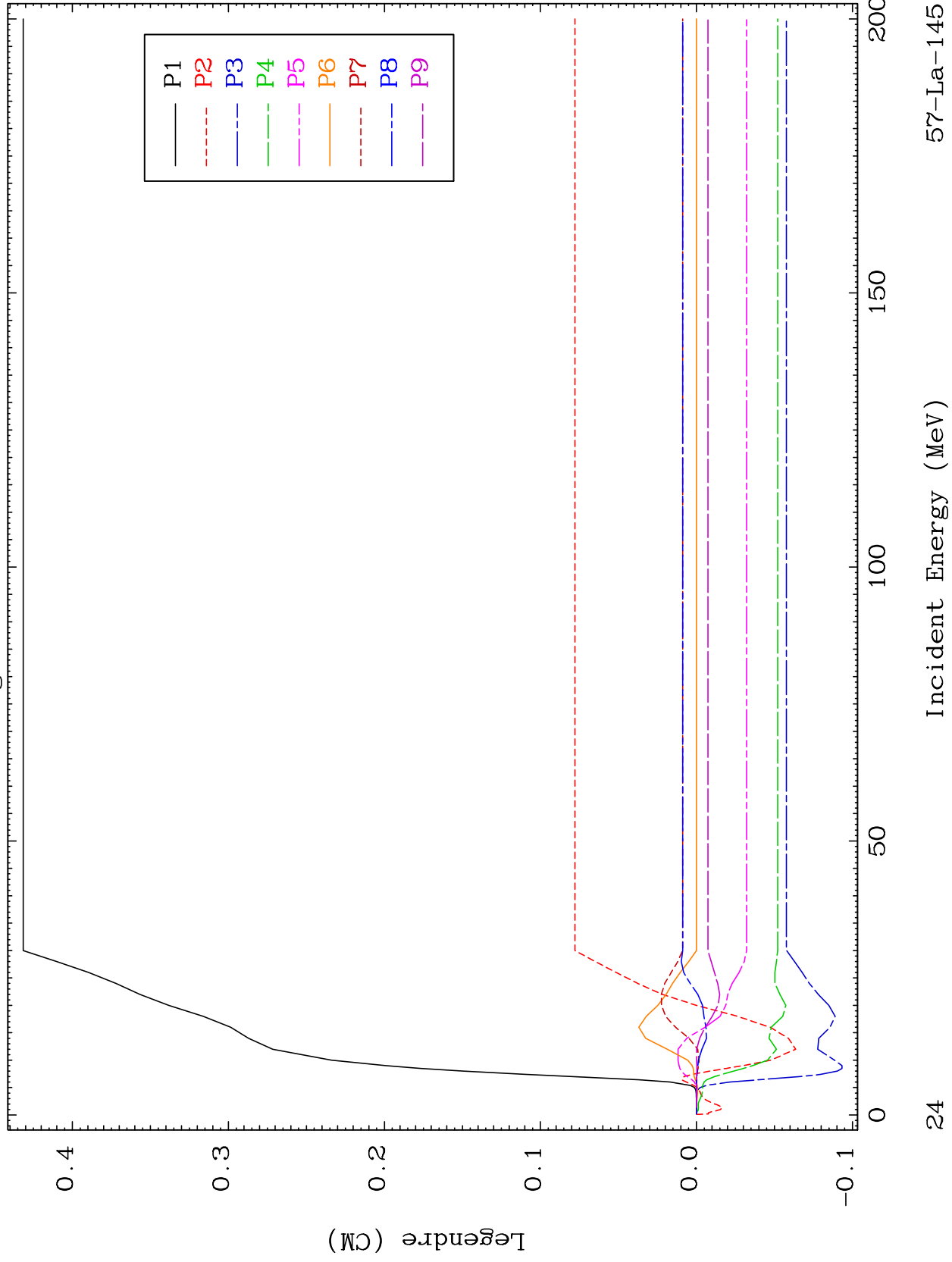
23

57-La-145

MAT 5746

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

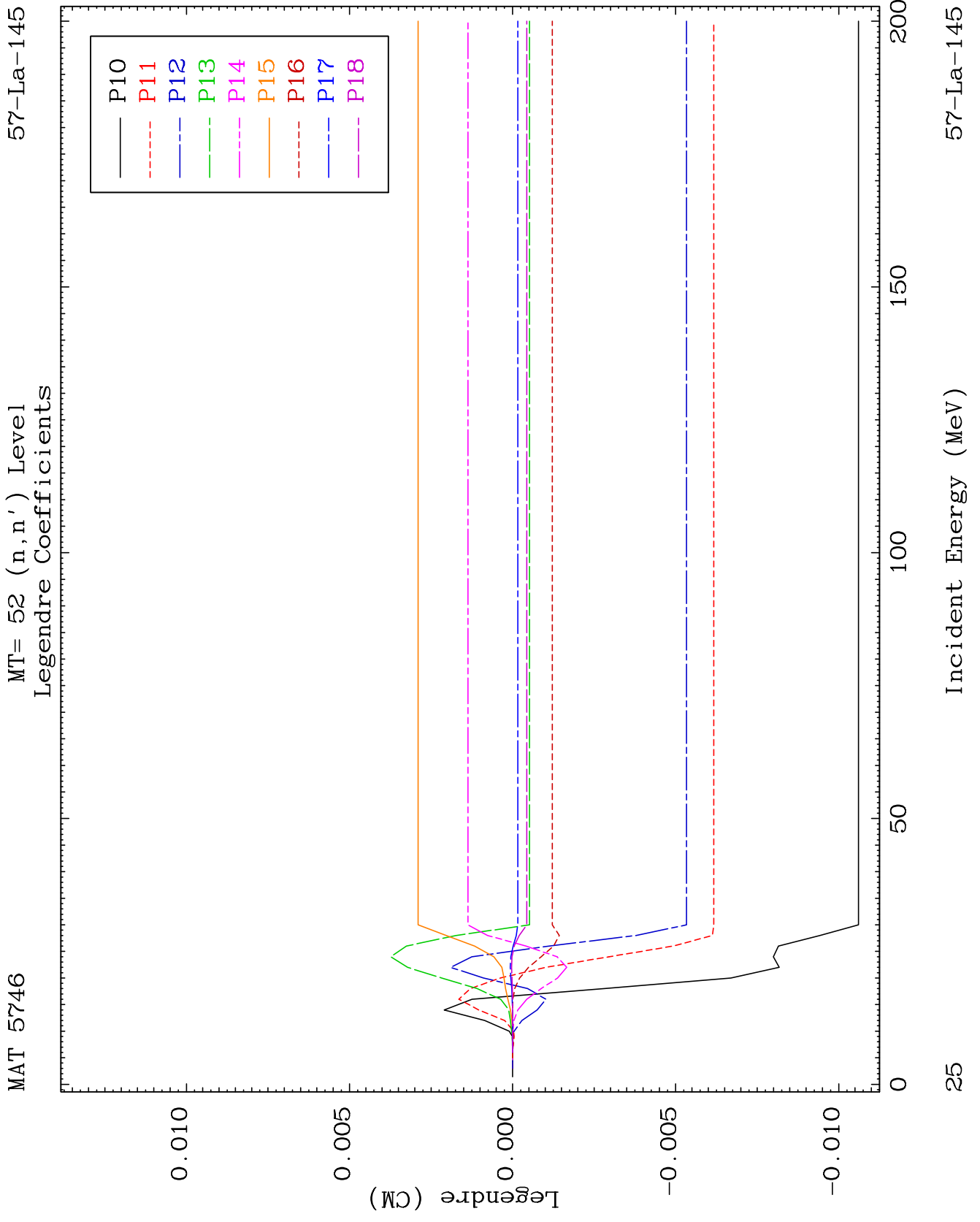
57-La-145



57-La-145

Incident Energy (MeV)

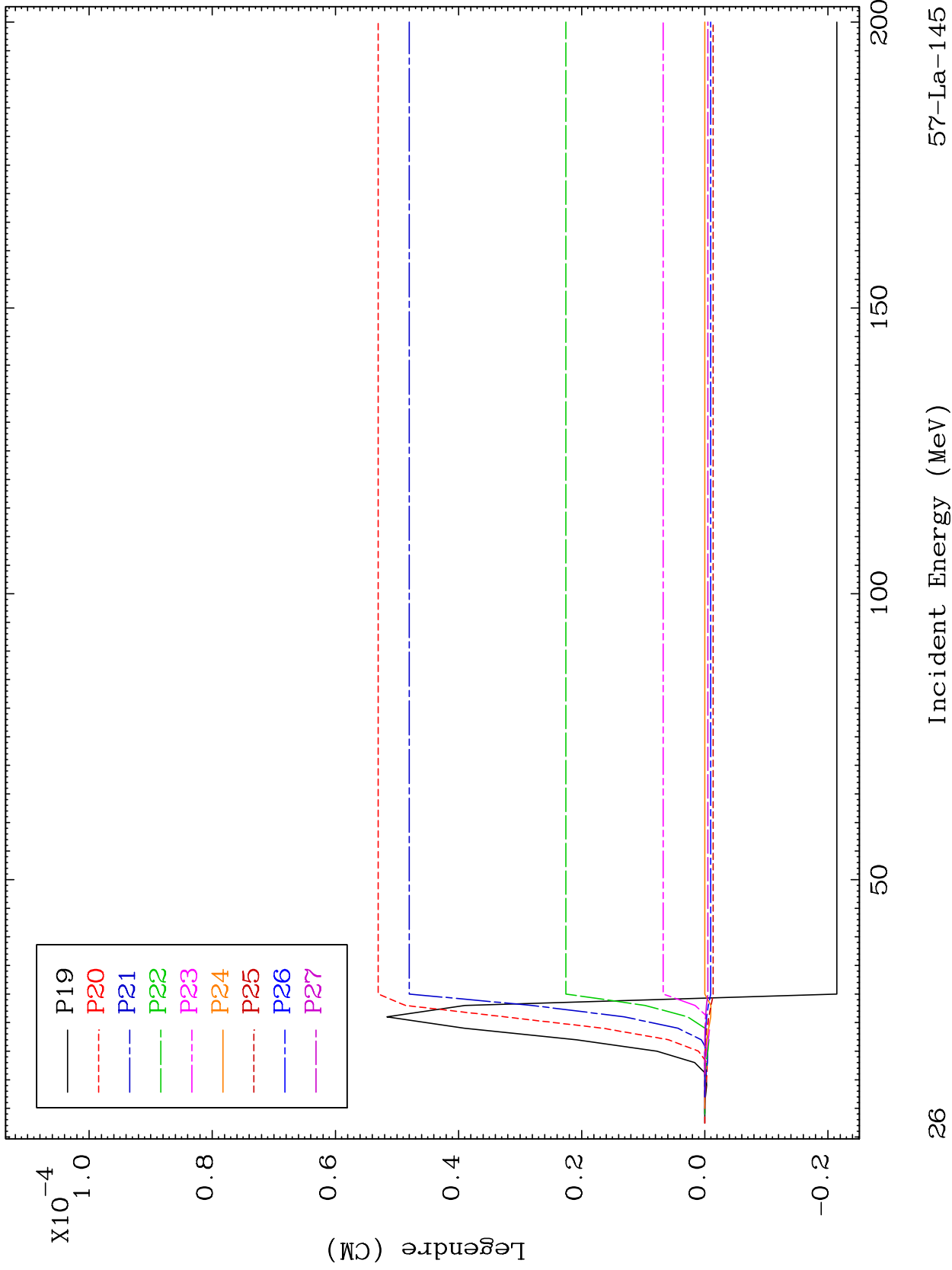
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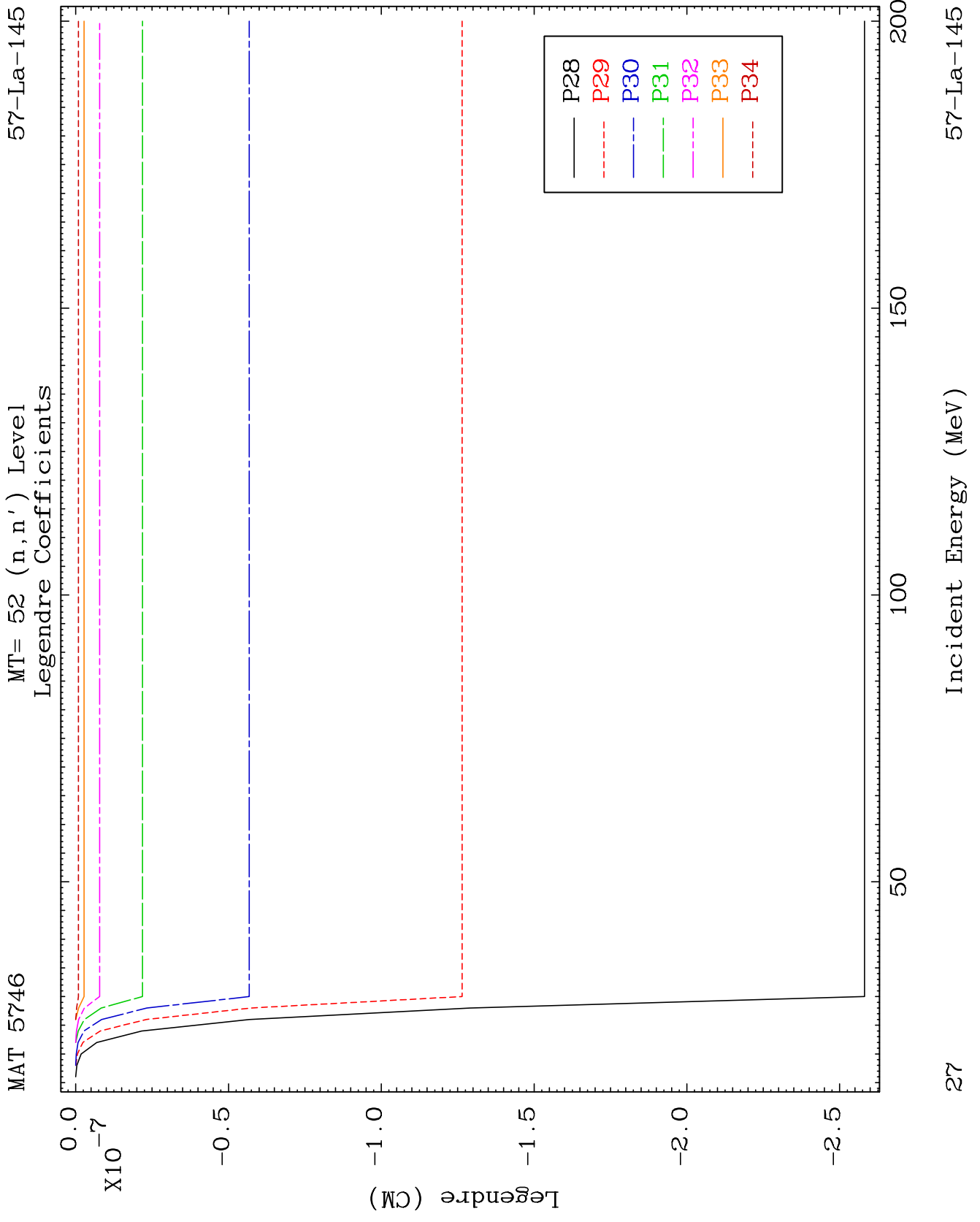


MAT 5746

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

57-La-145

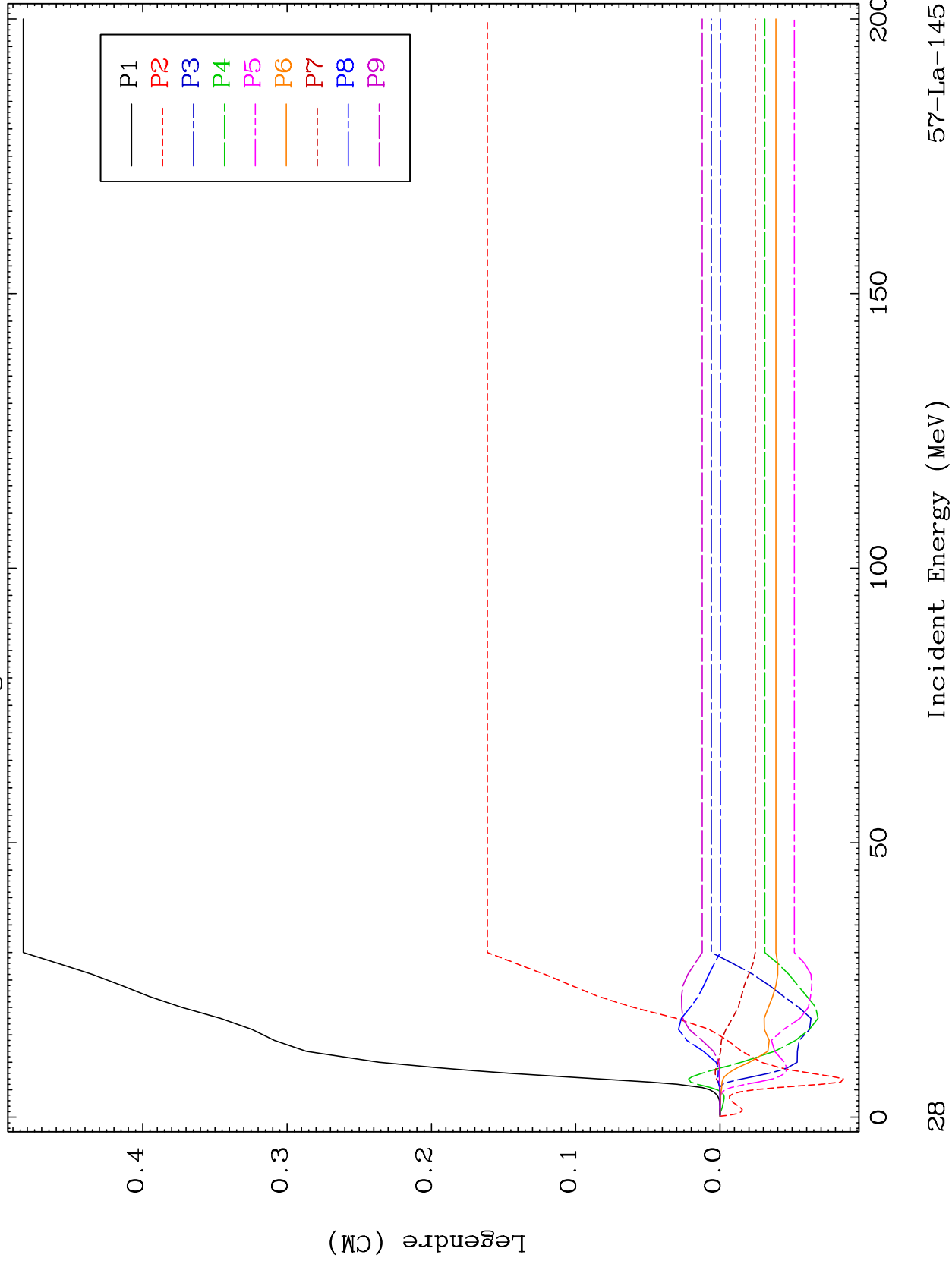




MAT 5746

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

57-La-145



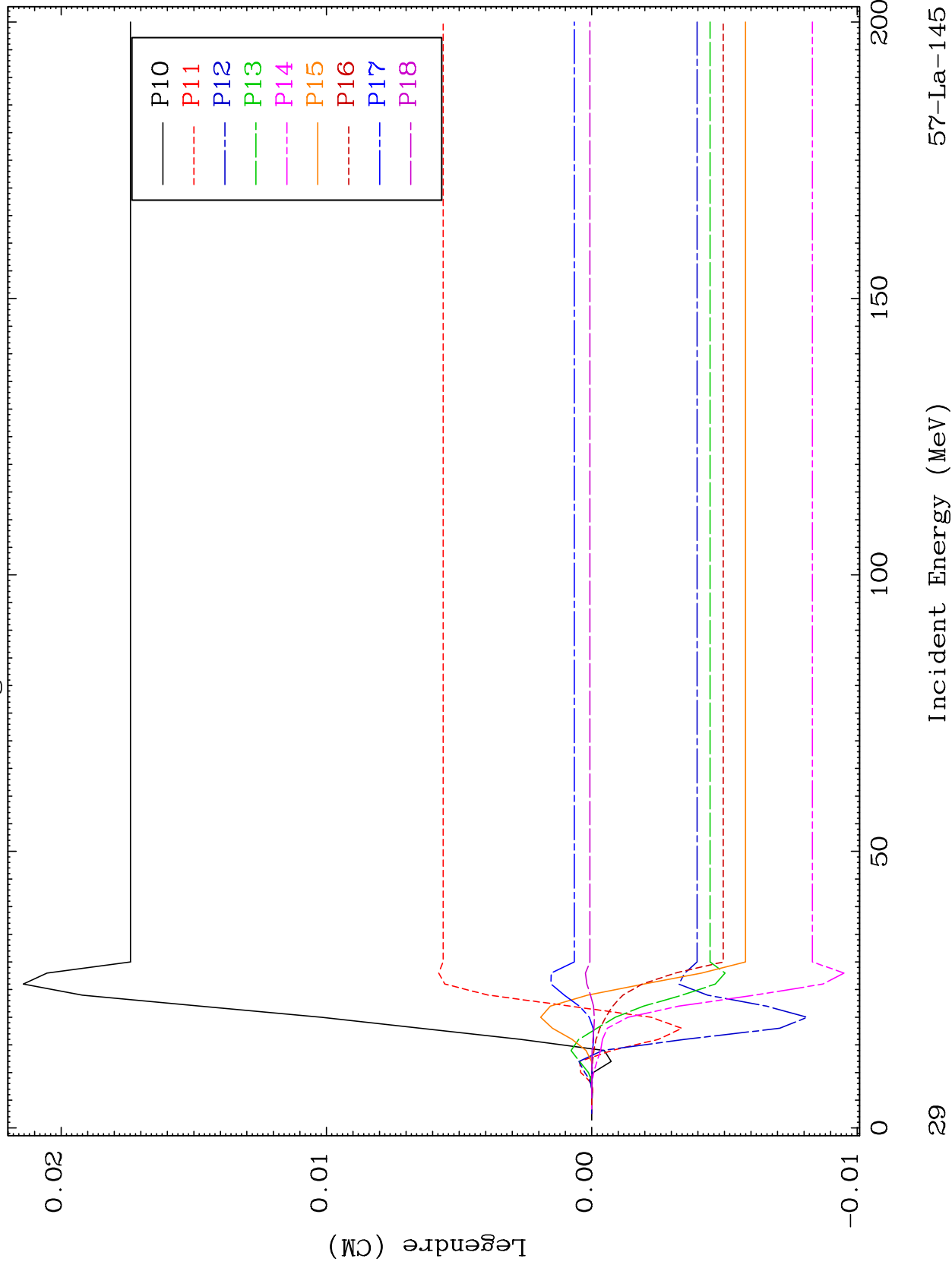
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57-La-145

MAT 5746

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

57-La-145



29

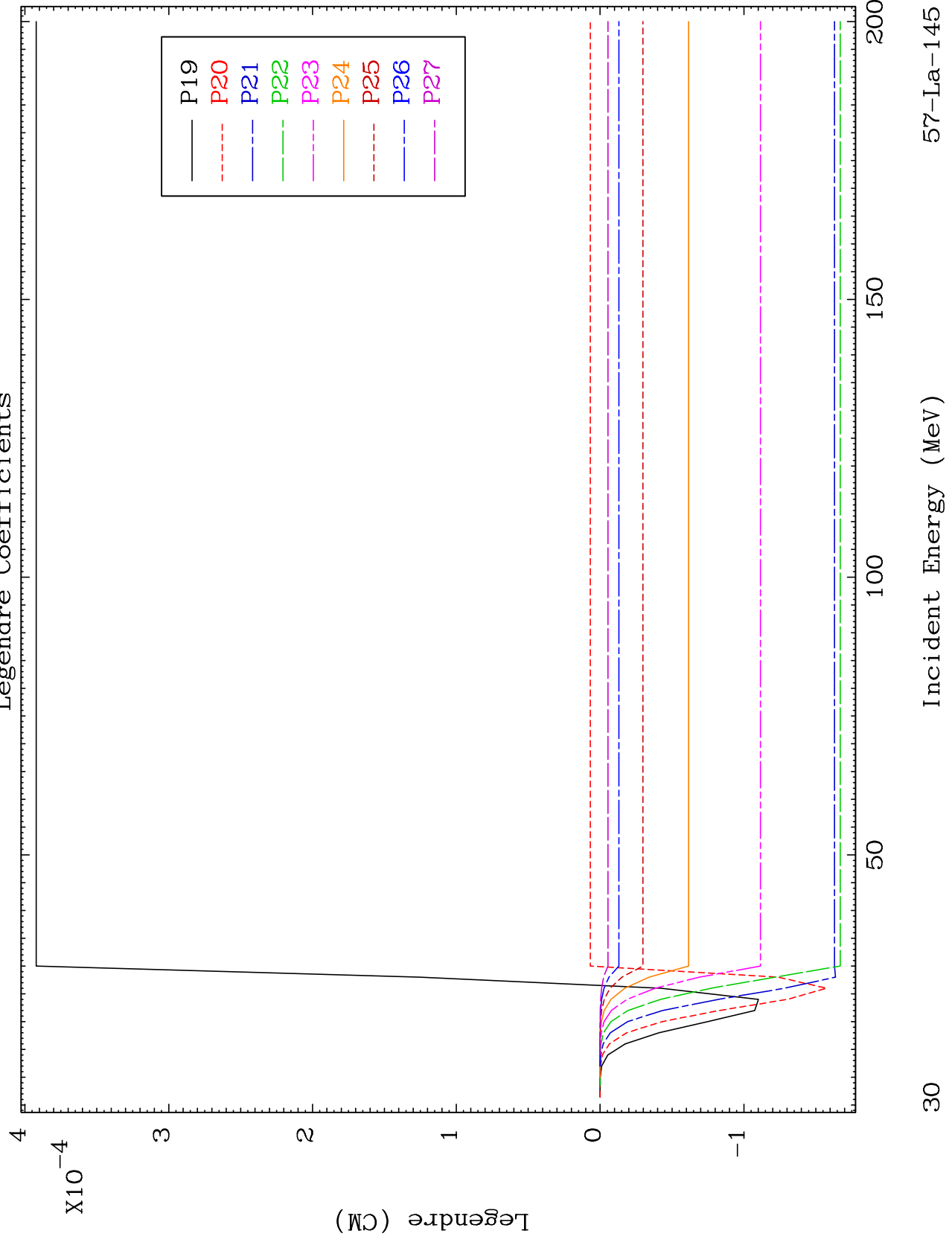
Incident Energy (MeV)

57-La-145

MAT 5746

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

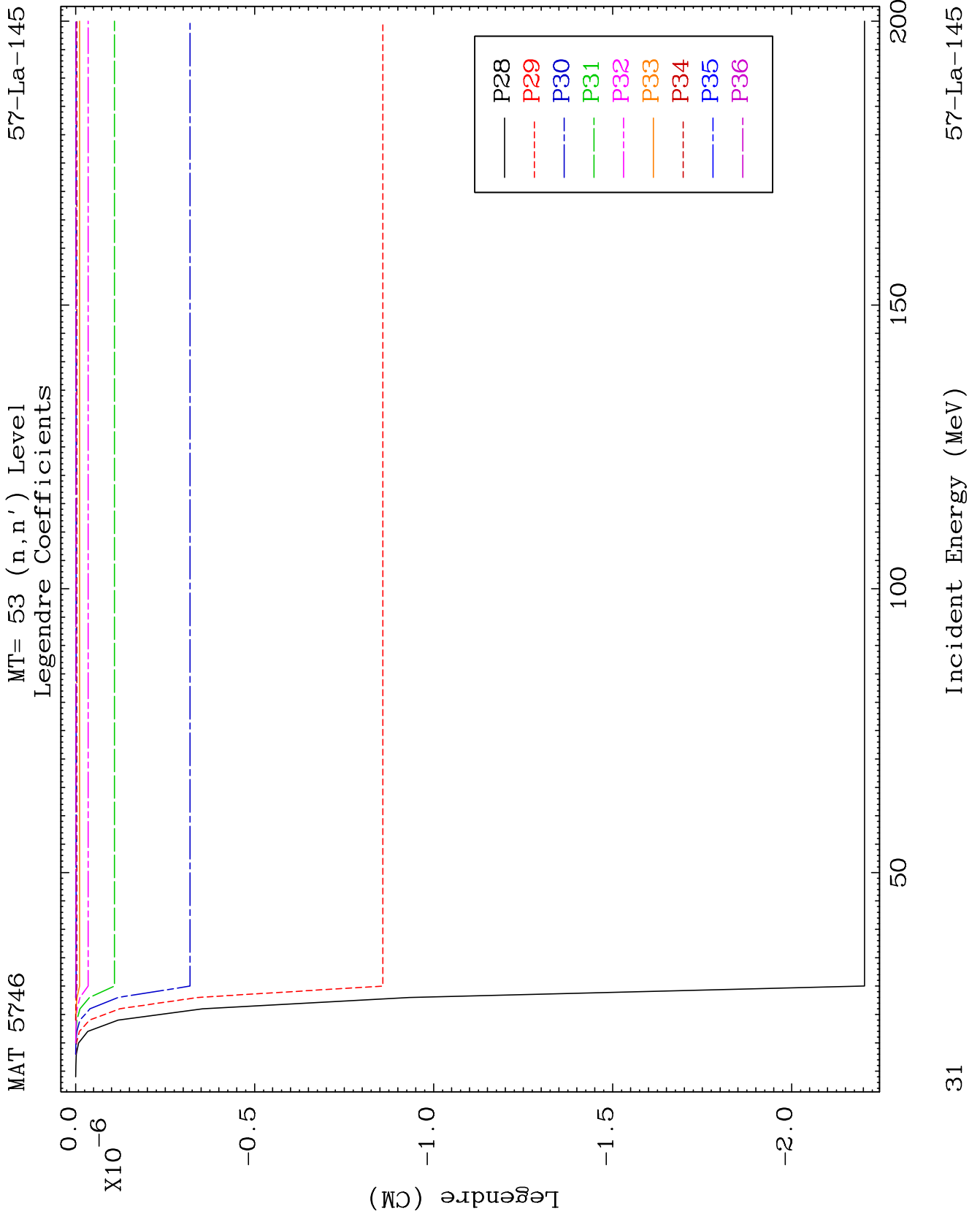
57-La-145



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Incident Energy (MeV)

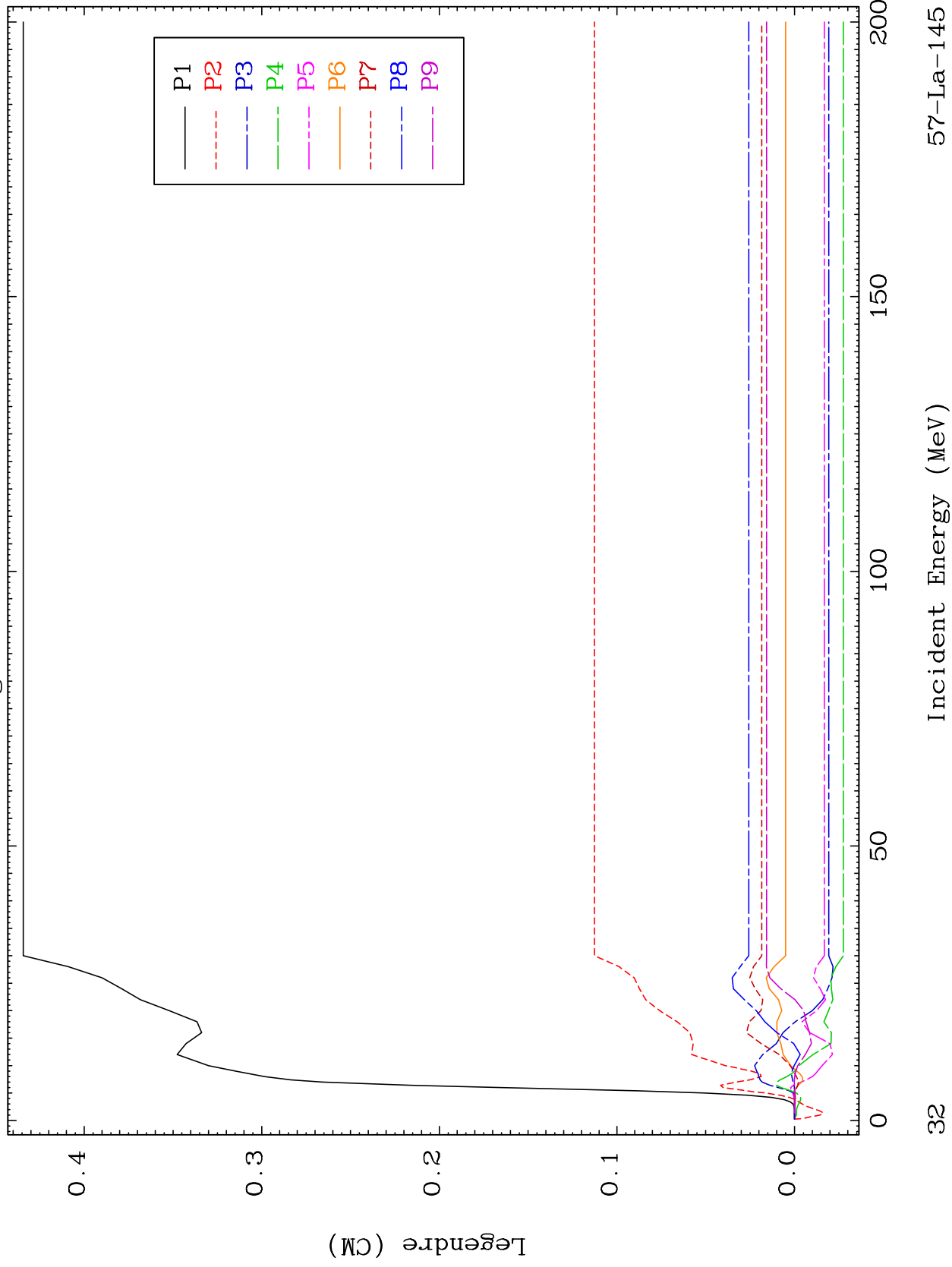
57-La-145



MAT 5746

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

57-La-145



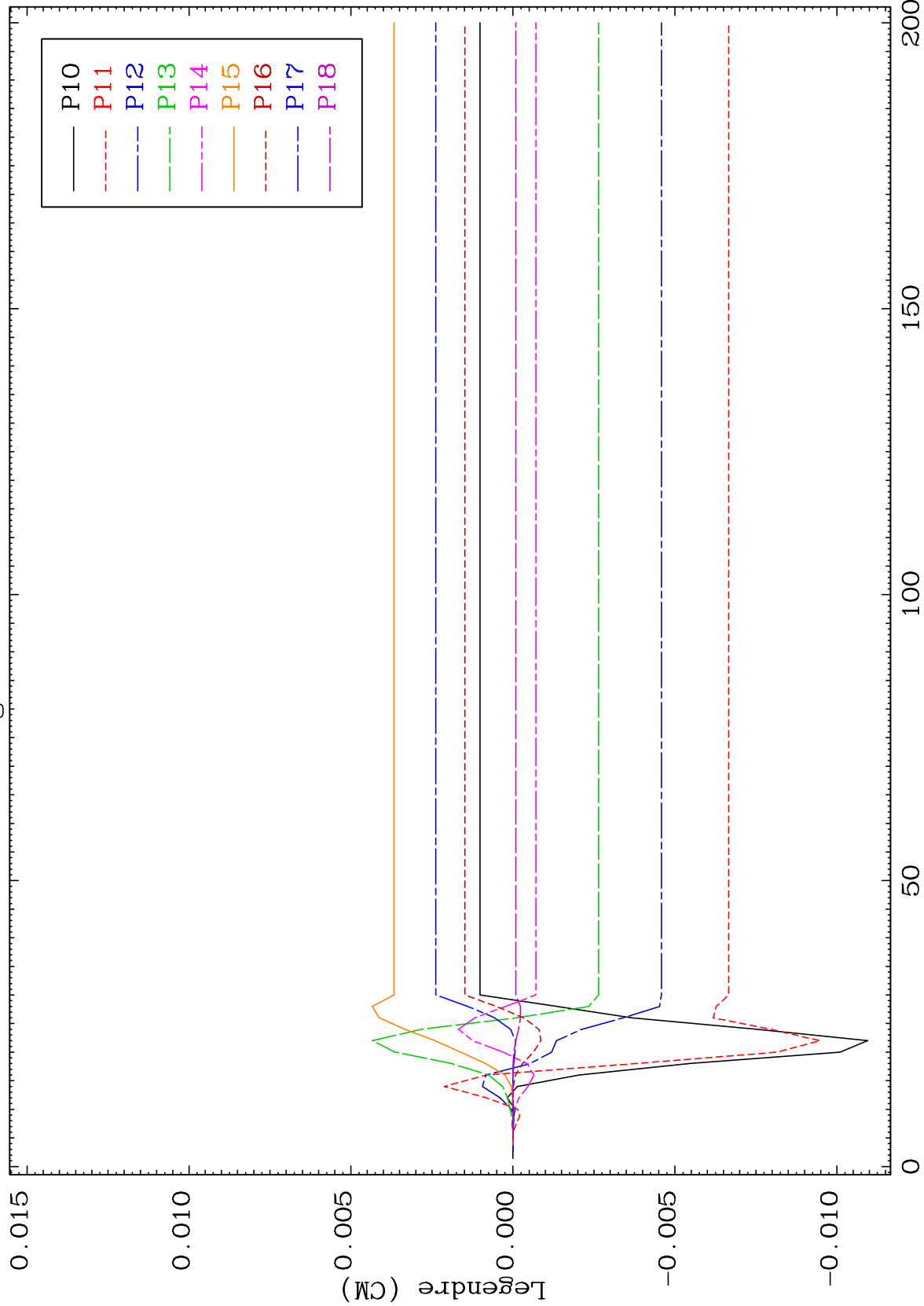
57-La-145

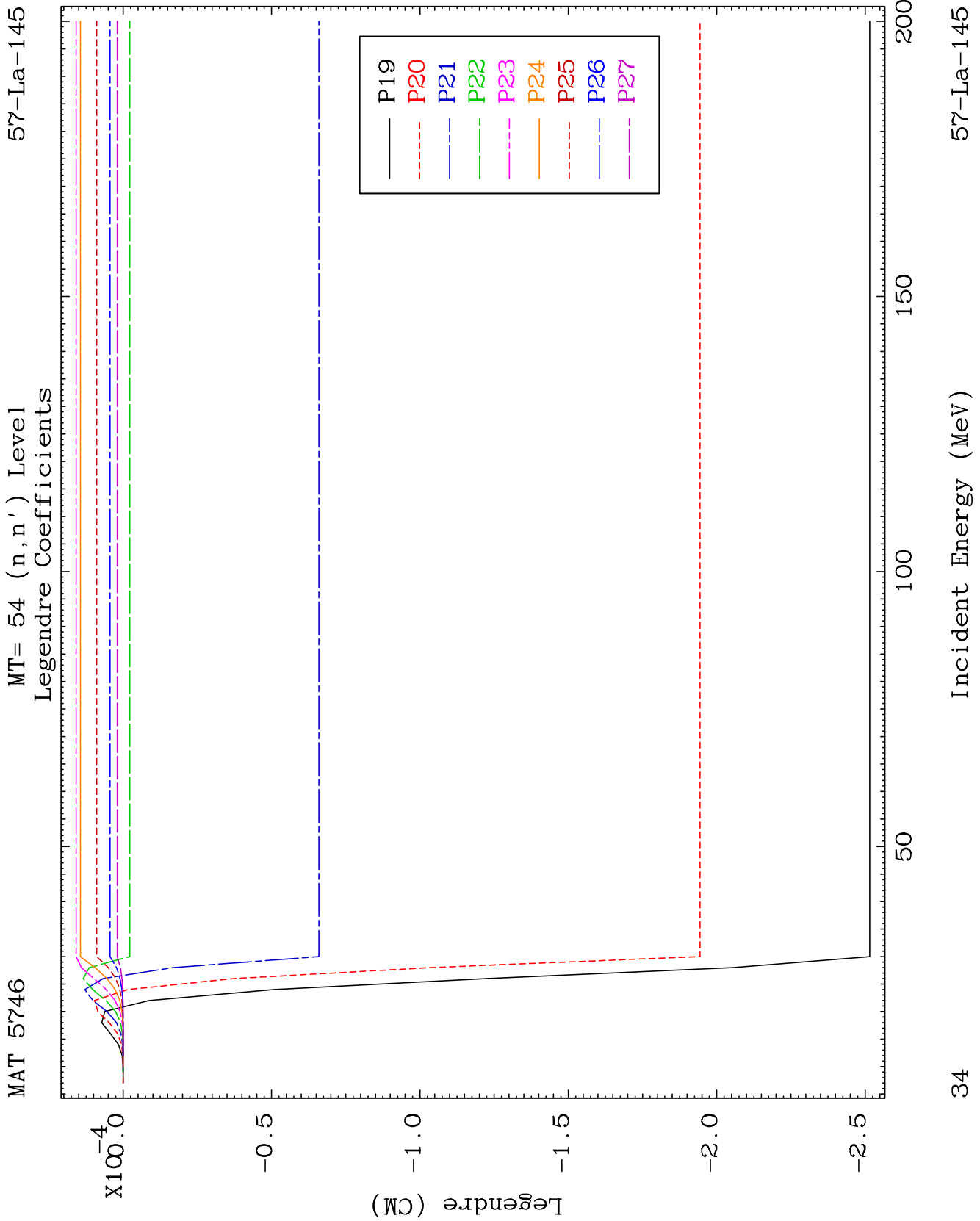
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MAT 5746

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

57-La-145

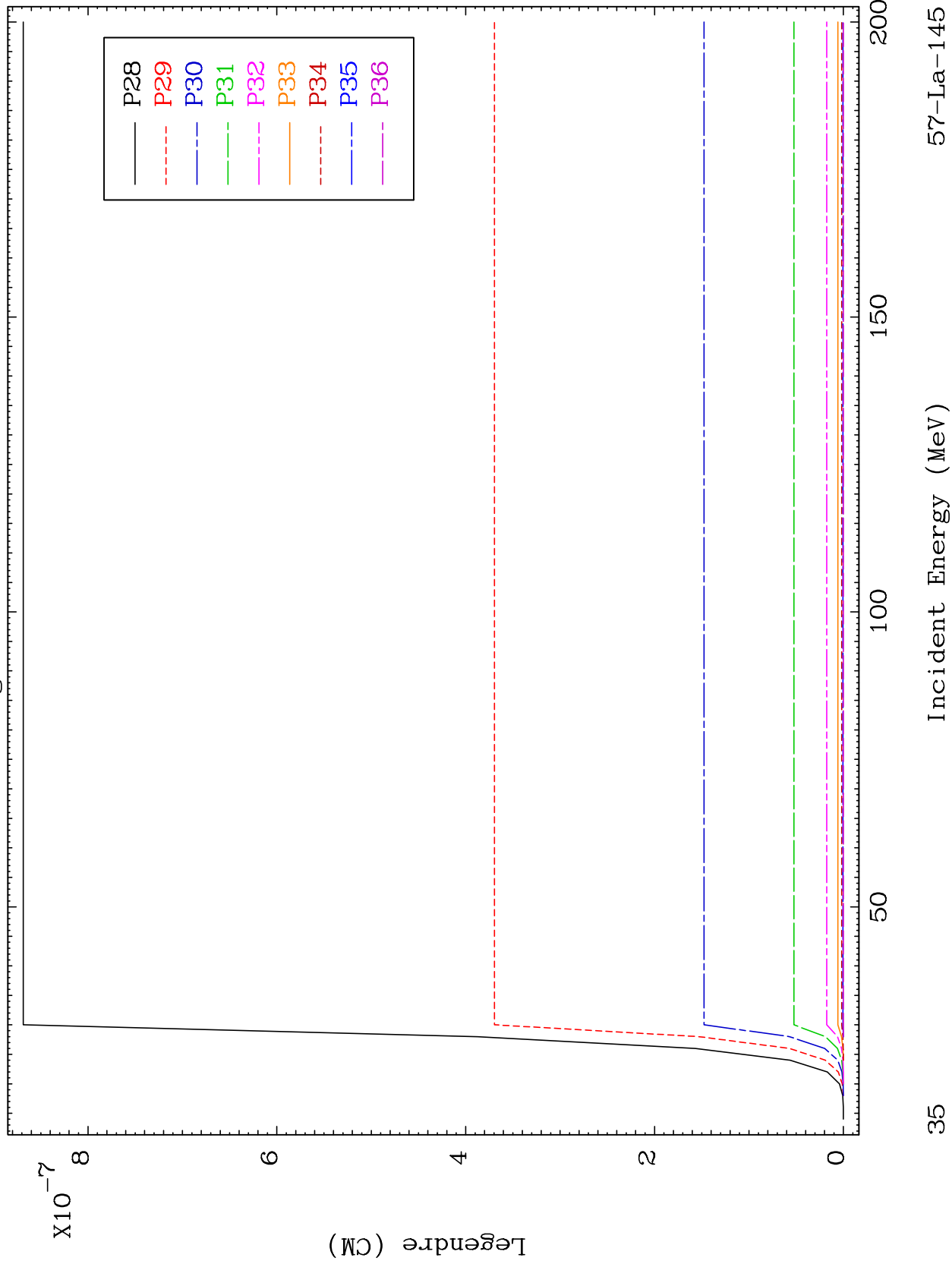




MAT 5746

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

57-La-145



35

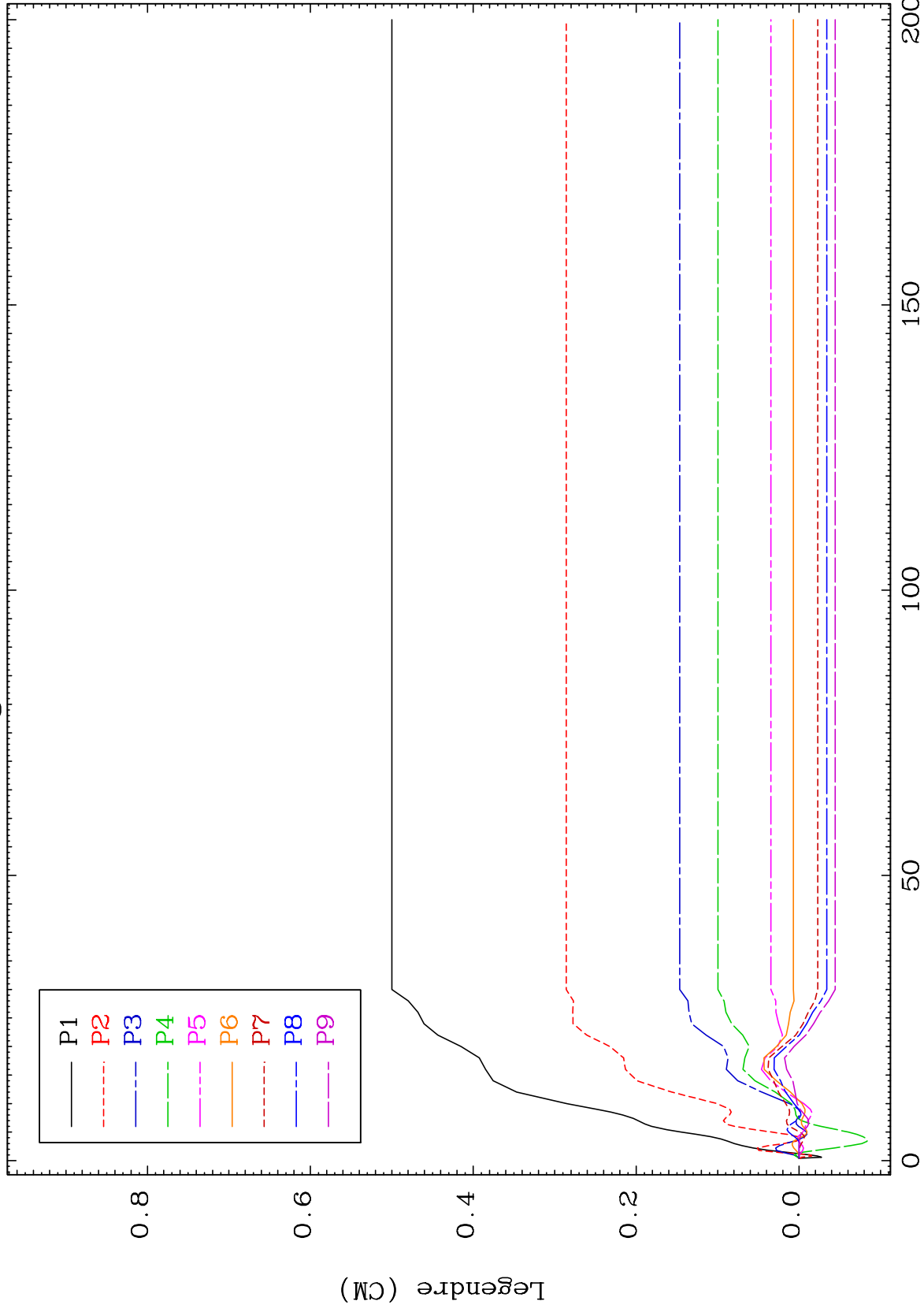
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



36

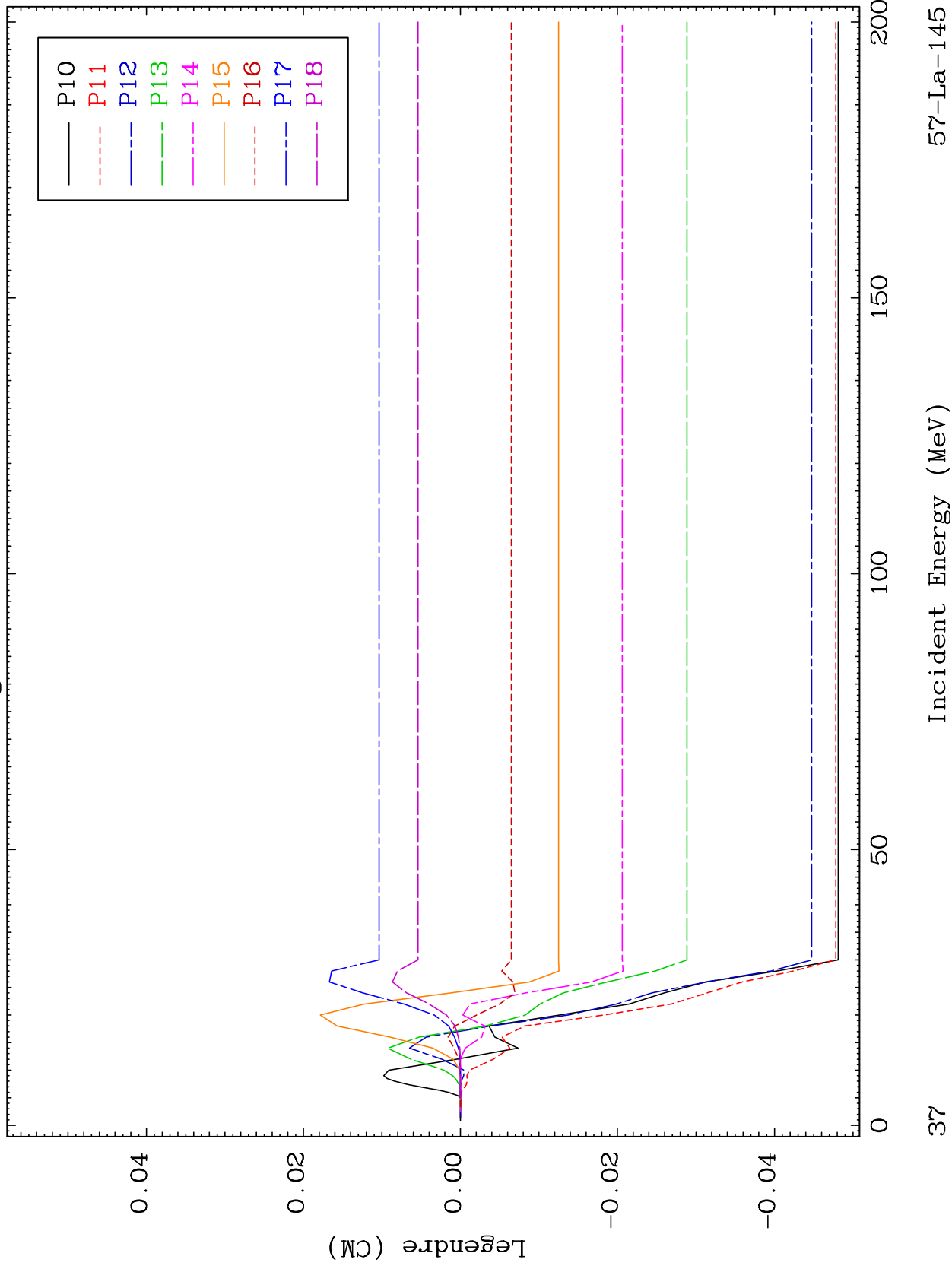
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



37

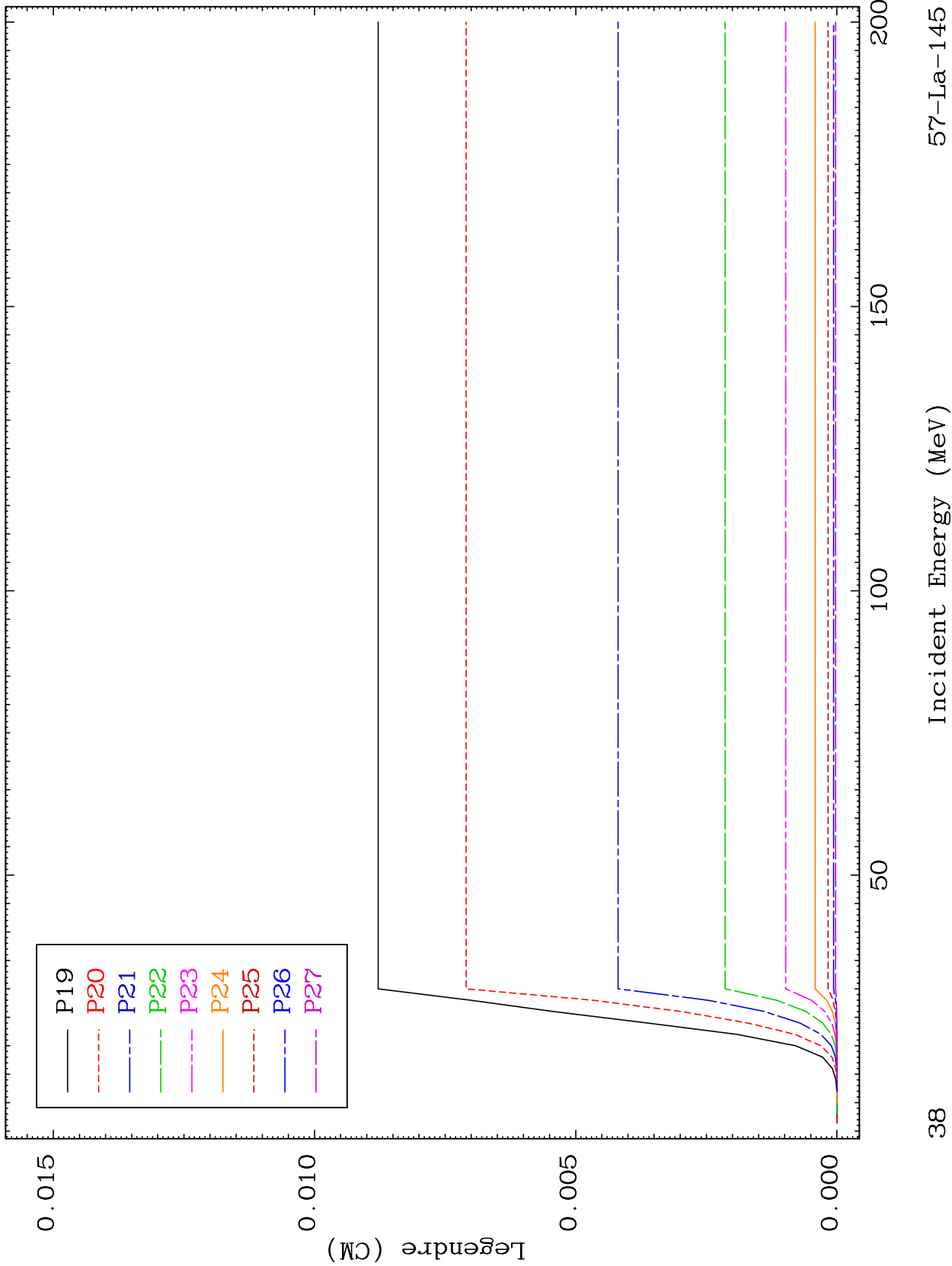
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



38

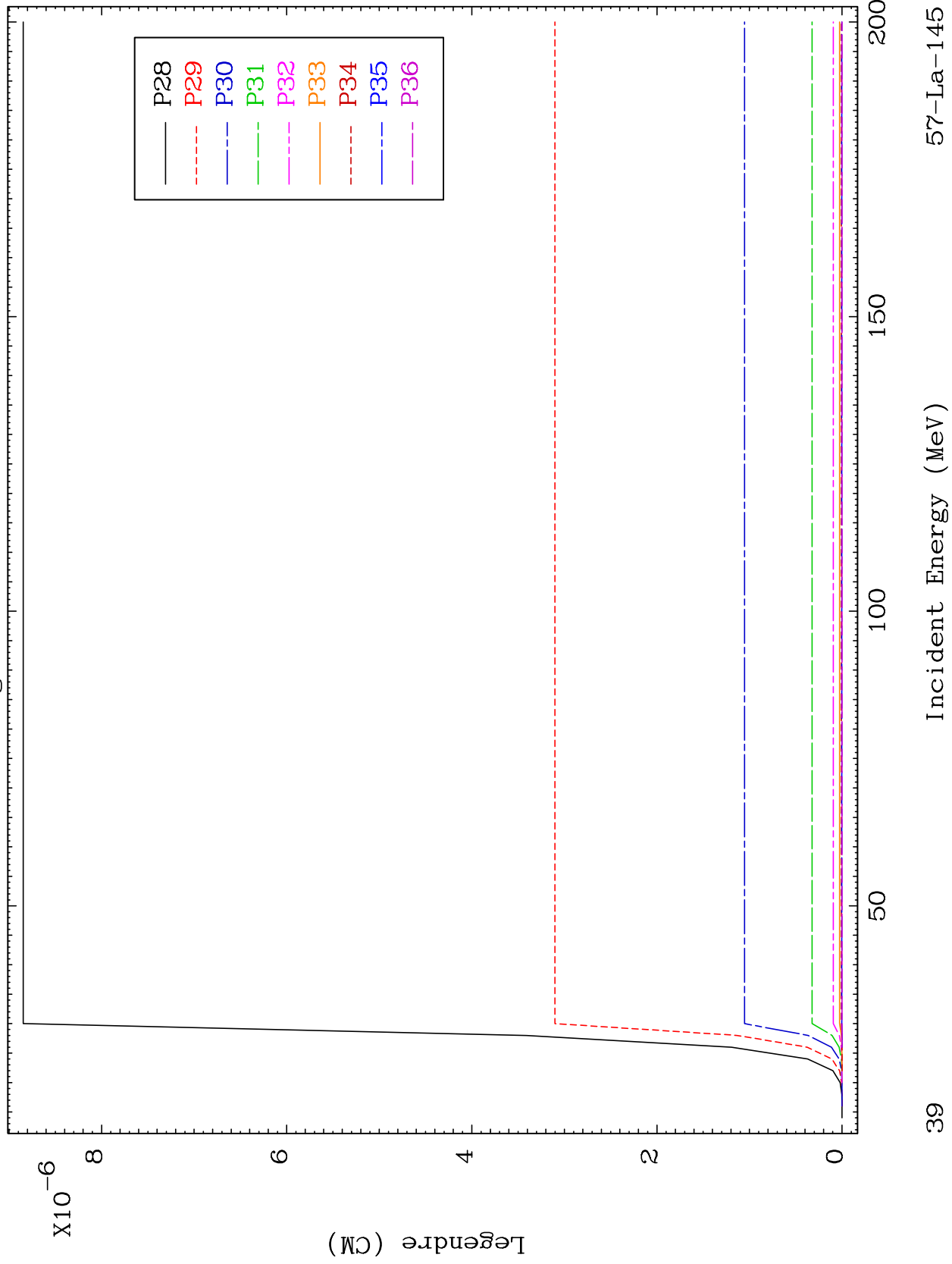
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



39

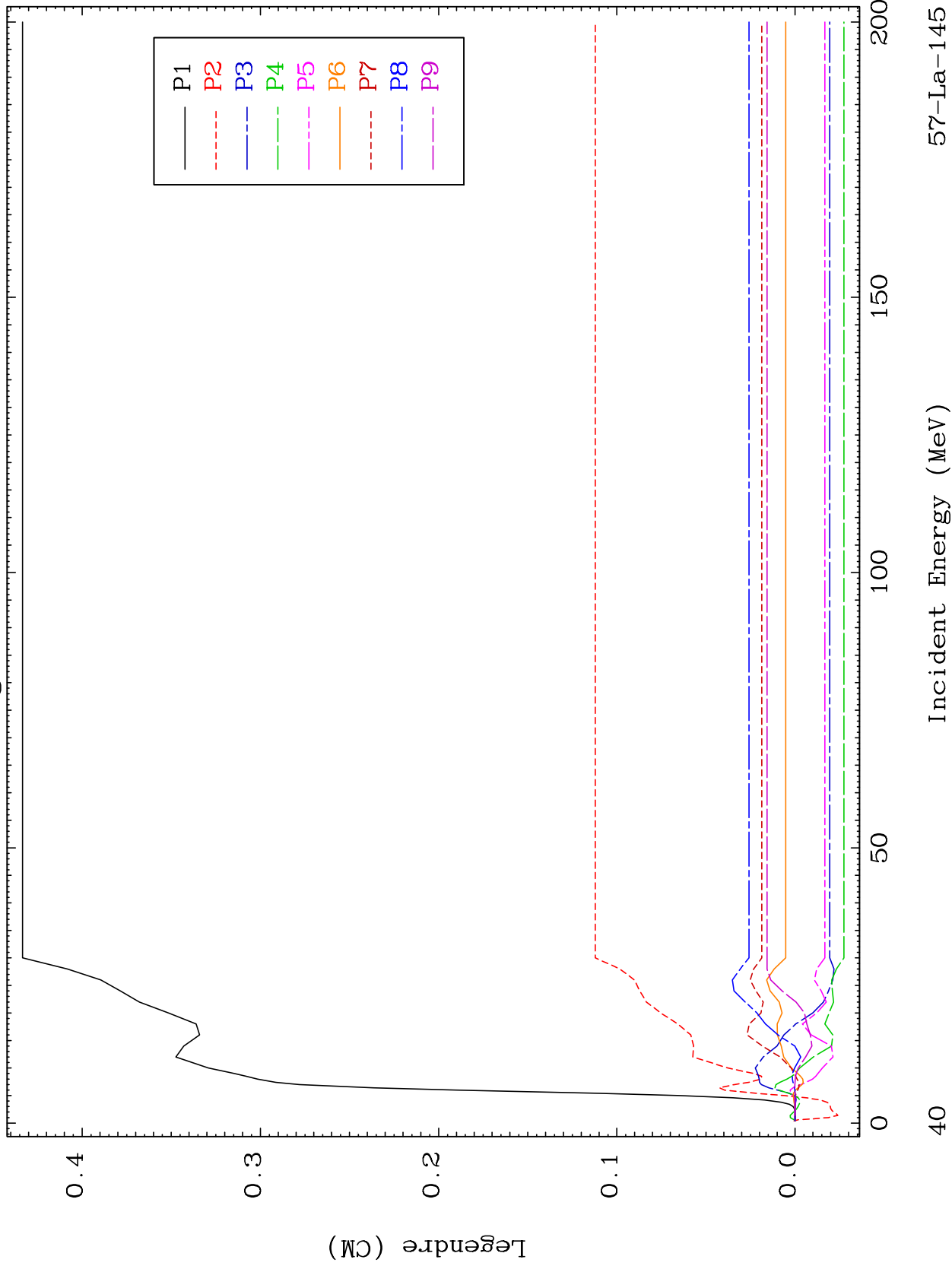
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



57-La-145

Incident Energy (MeV)

40

0

50

100

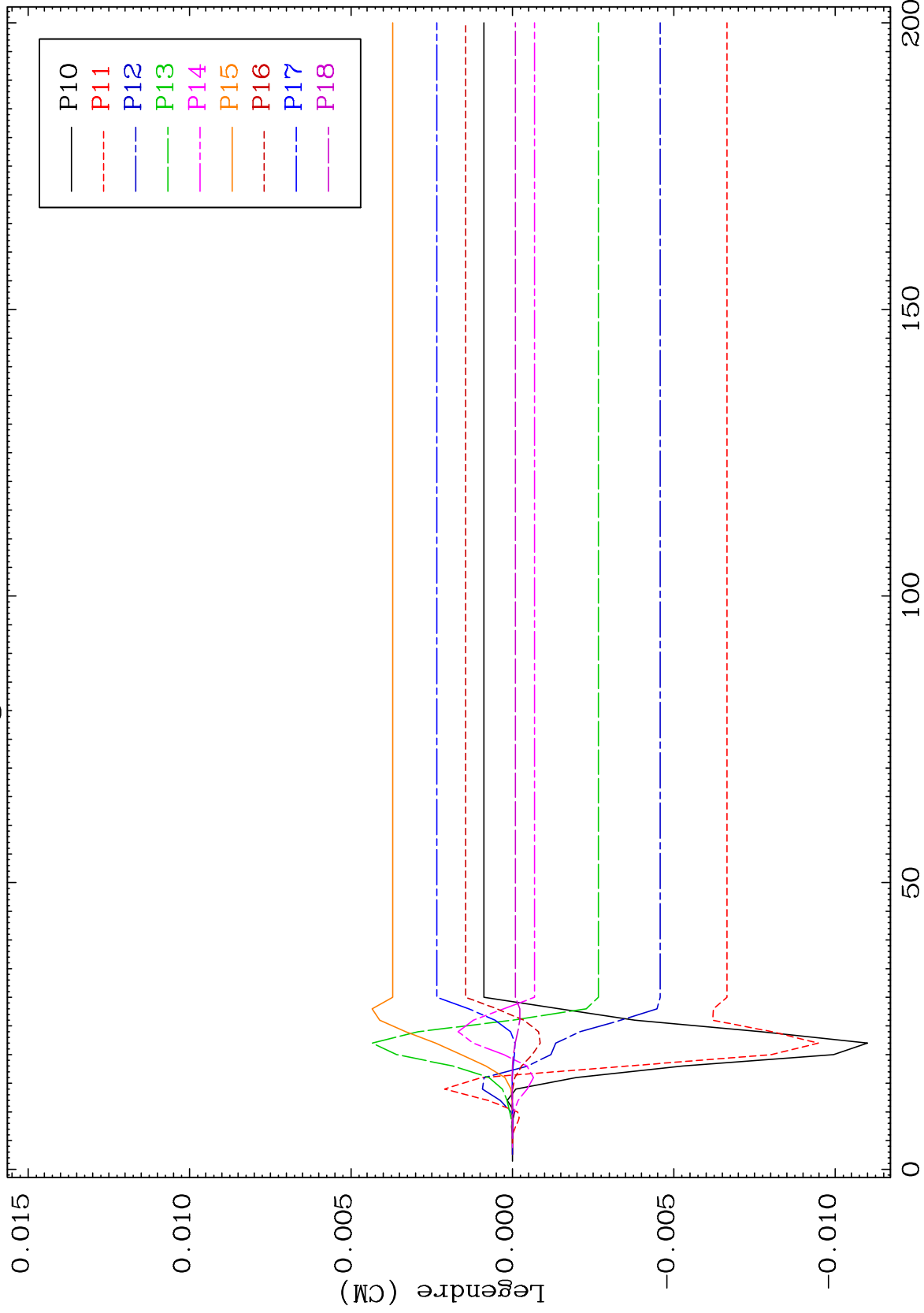
150

200

MAT 5746

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

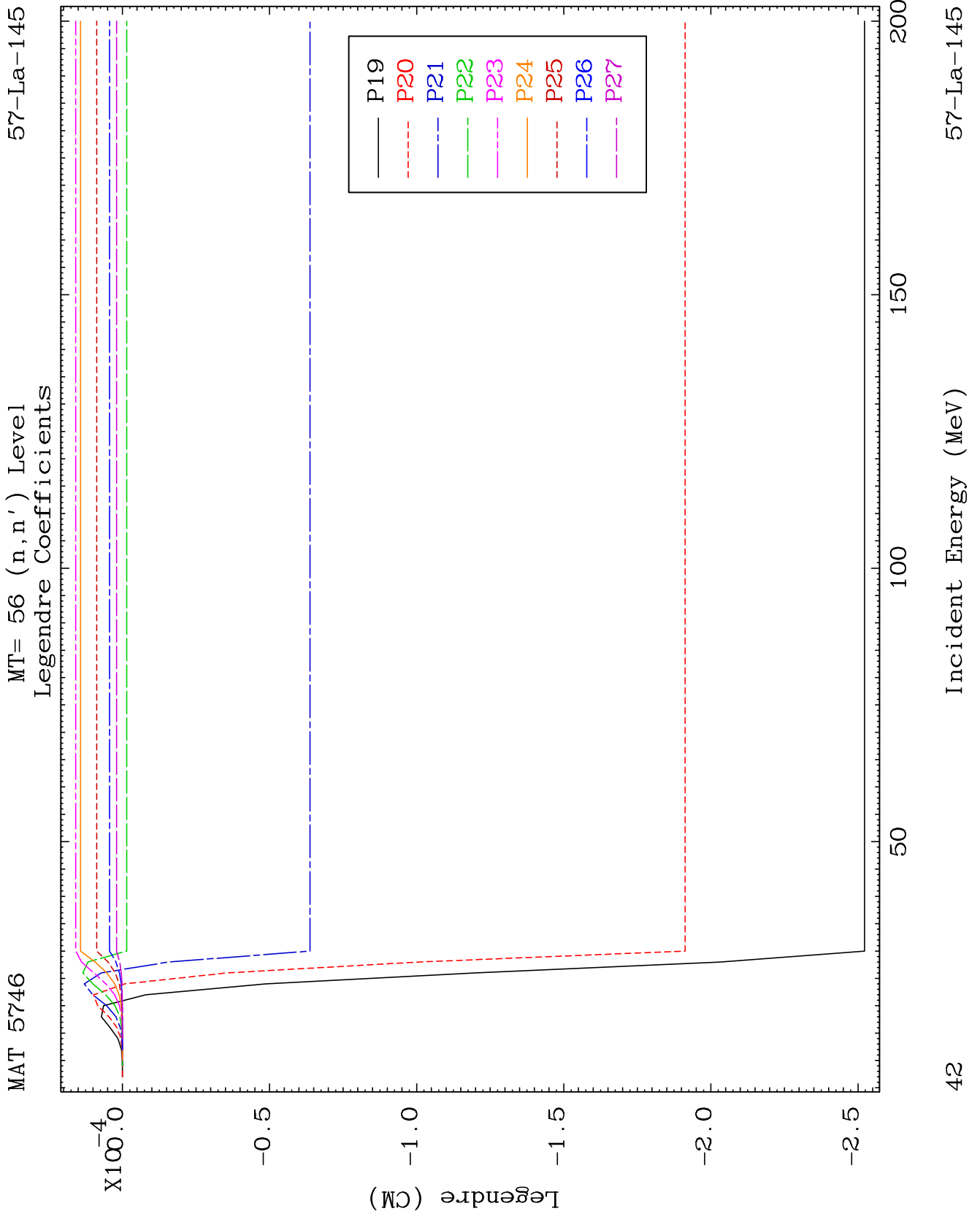
57-La-145



41

Incident Energy (MeV)

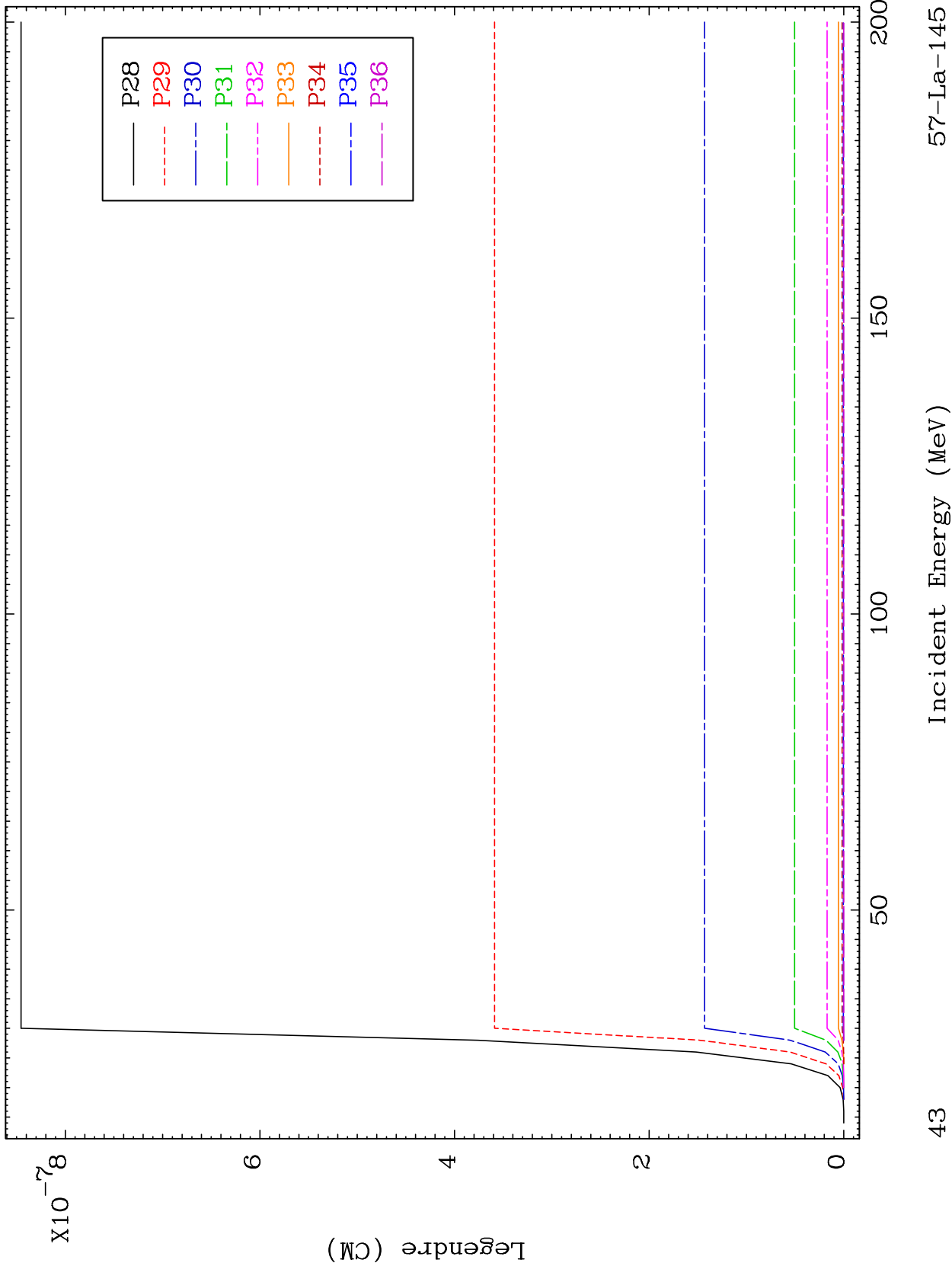
57-La-145



MAT 5746

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

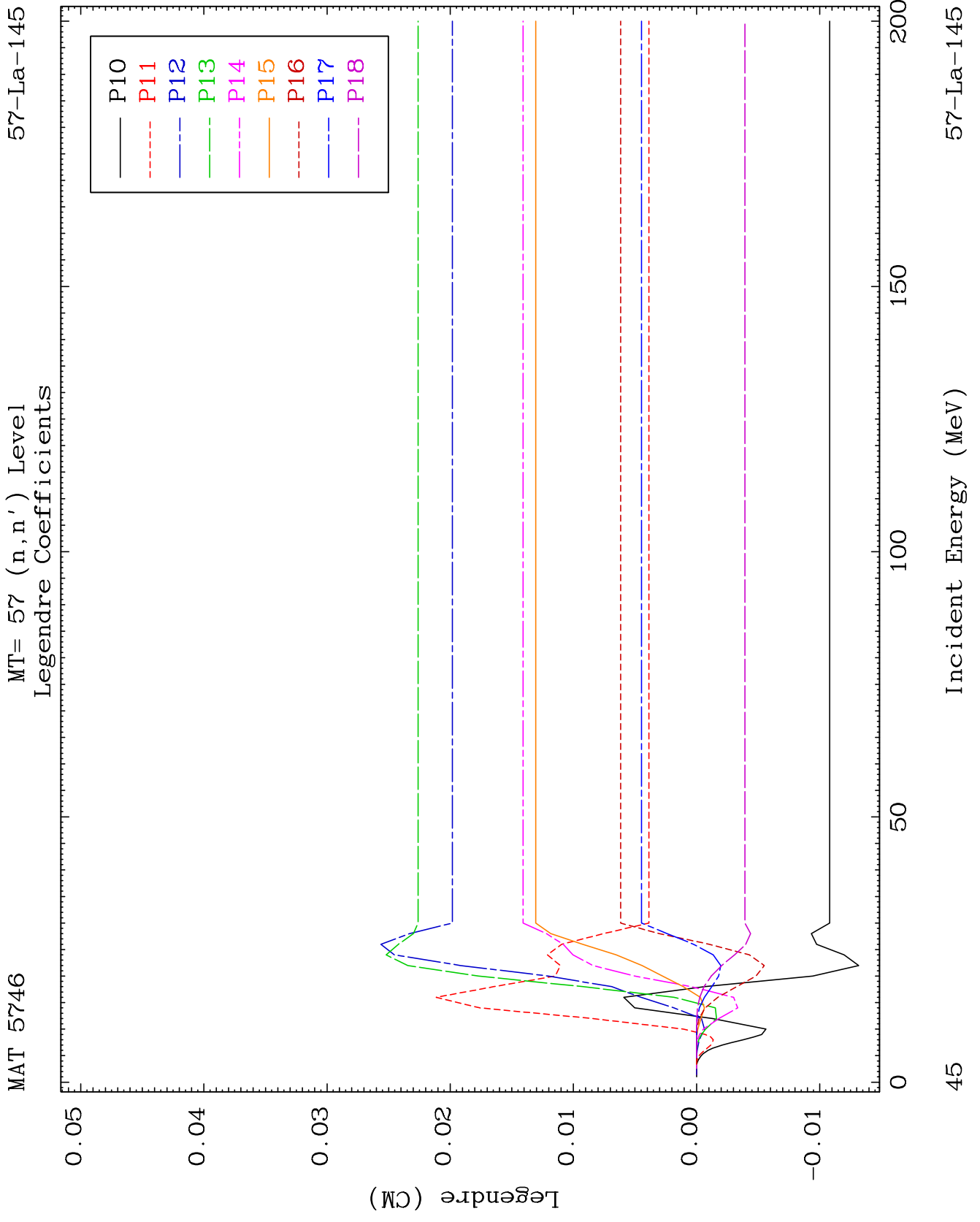
57-La-145



43

Incident Energy (MeV)

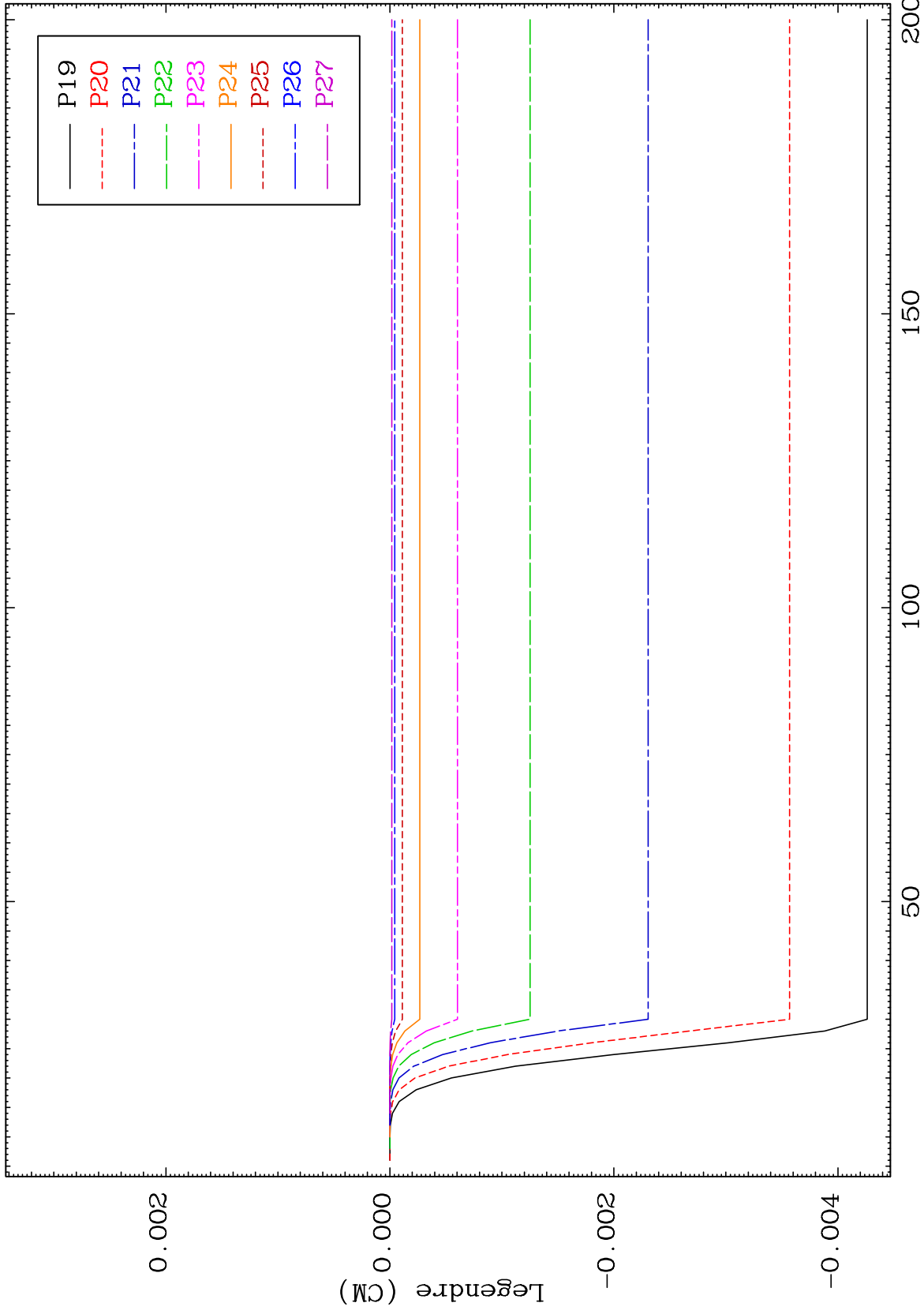
57-La-145



MAT 5746

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

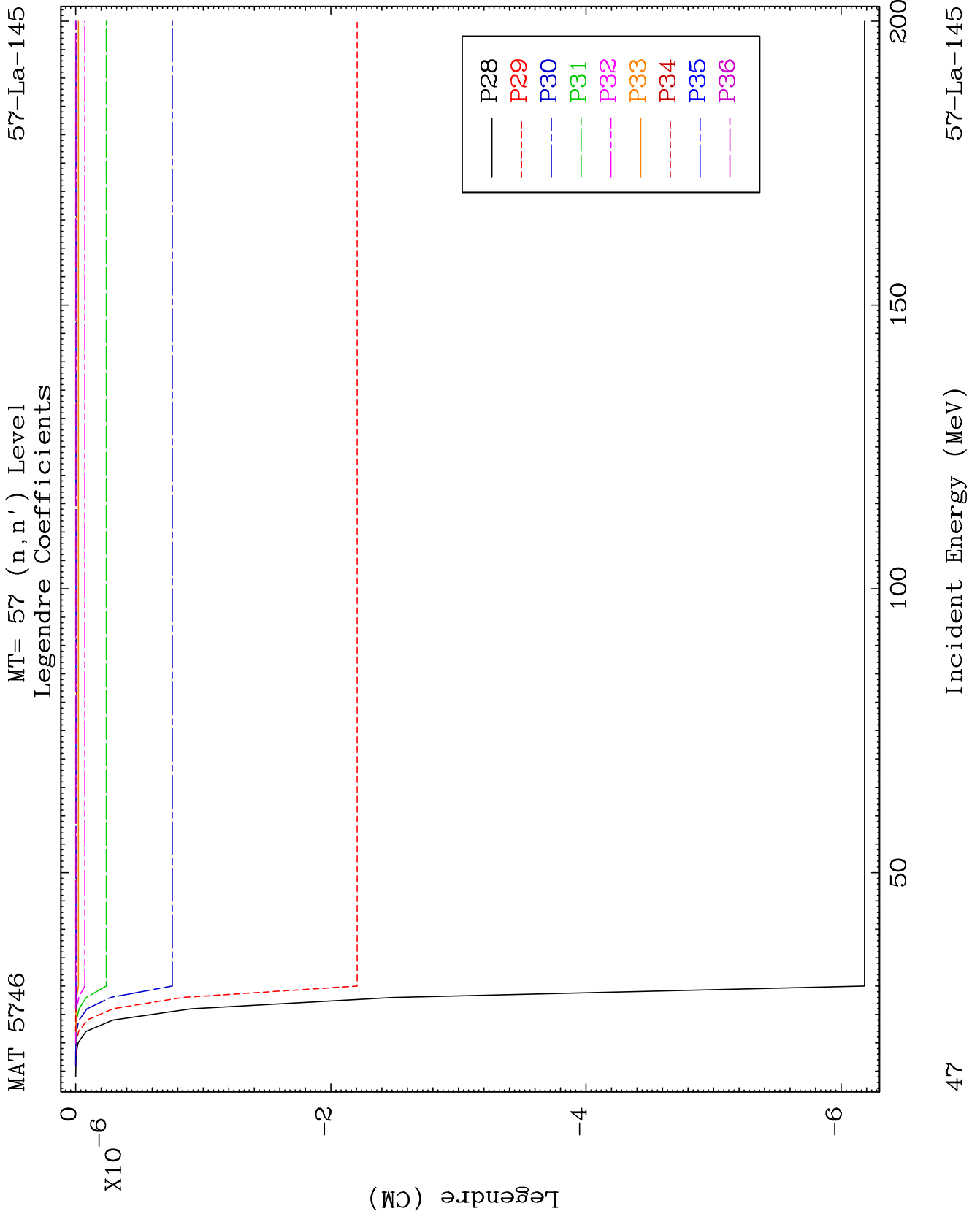
57-La-145



46

Incident Energy (MeV)

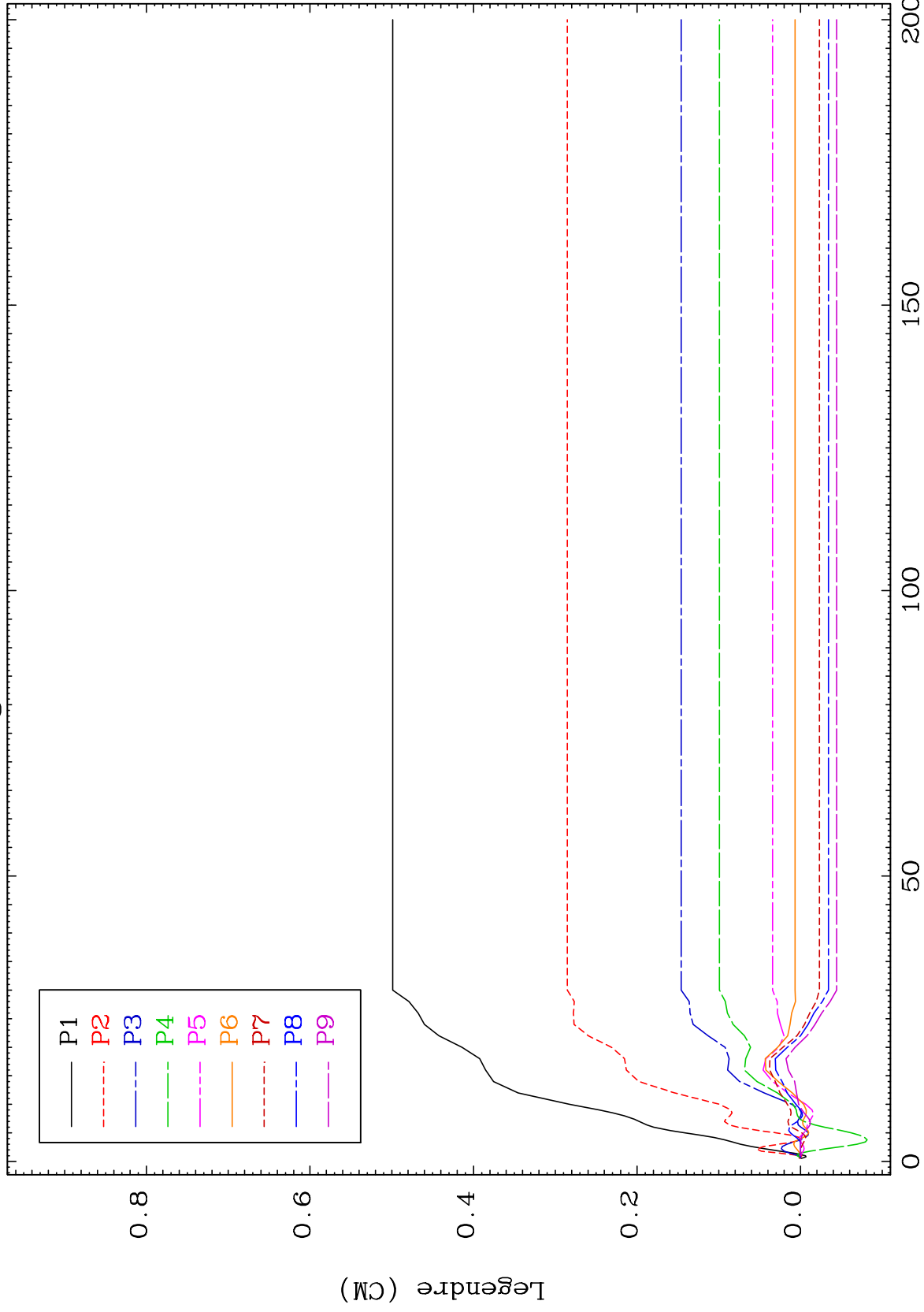
57-La-145



MAT 5746

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

57-La-145



48

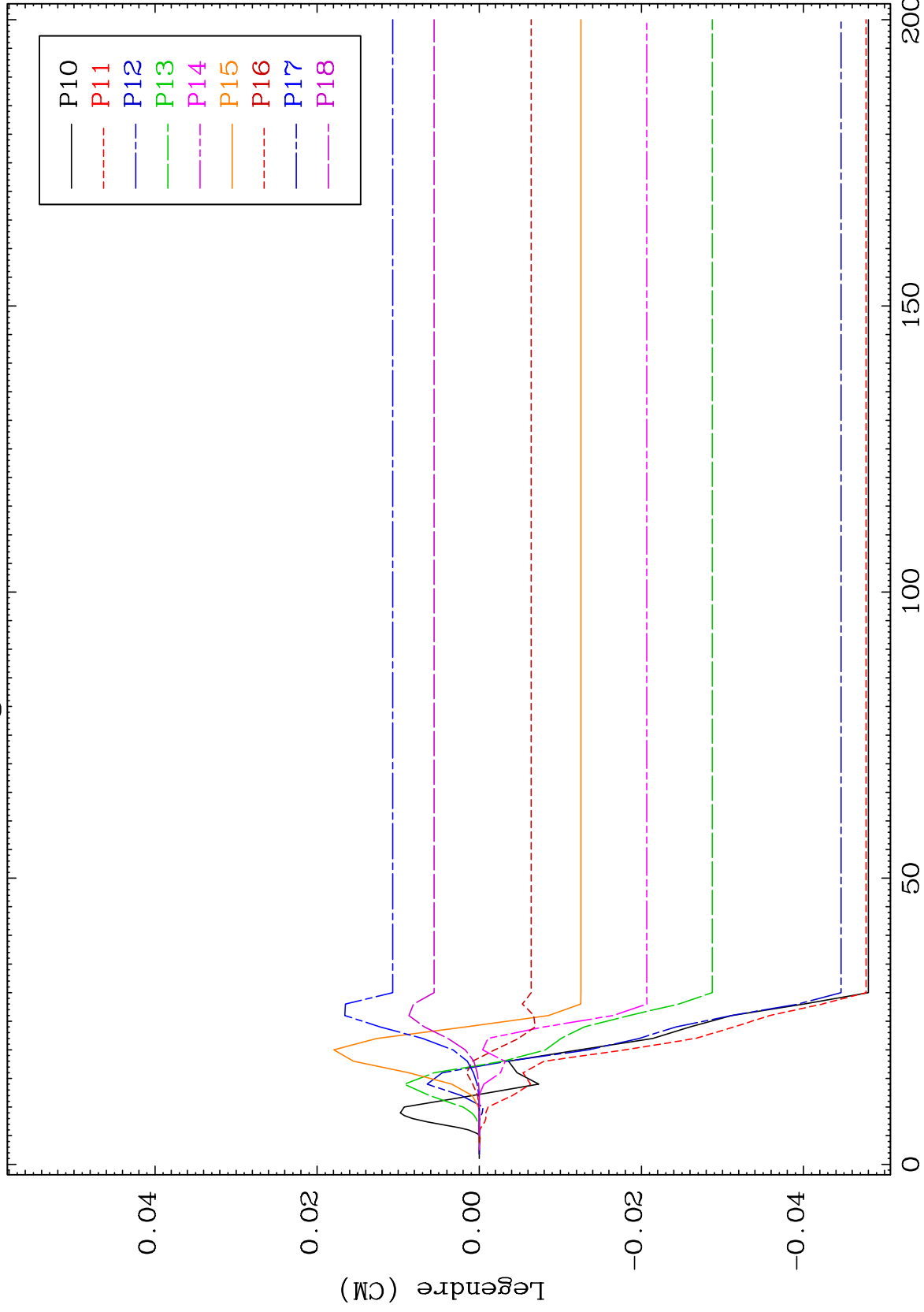
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



49

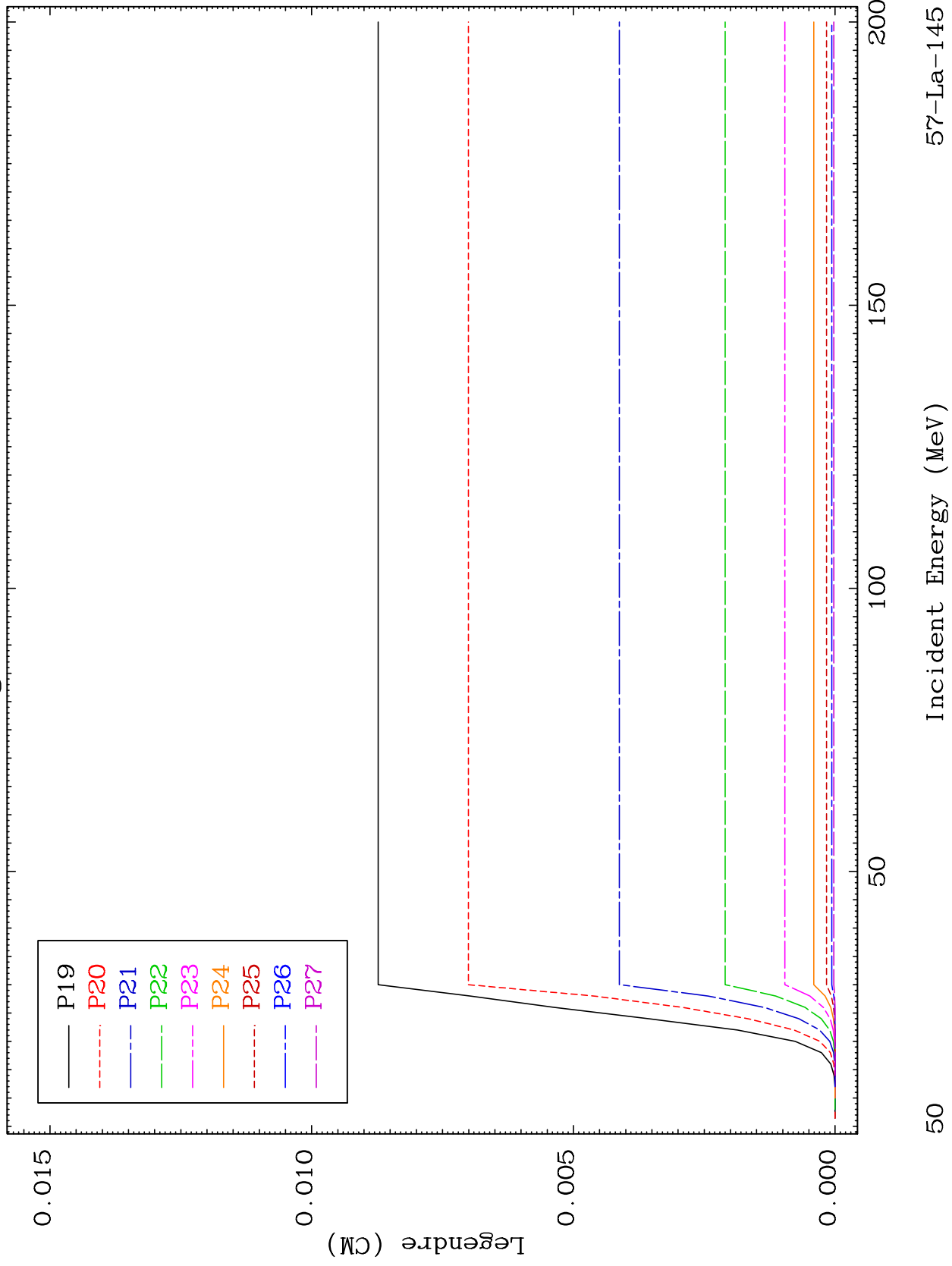
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



57-La-145

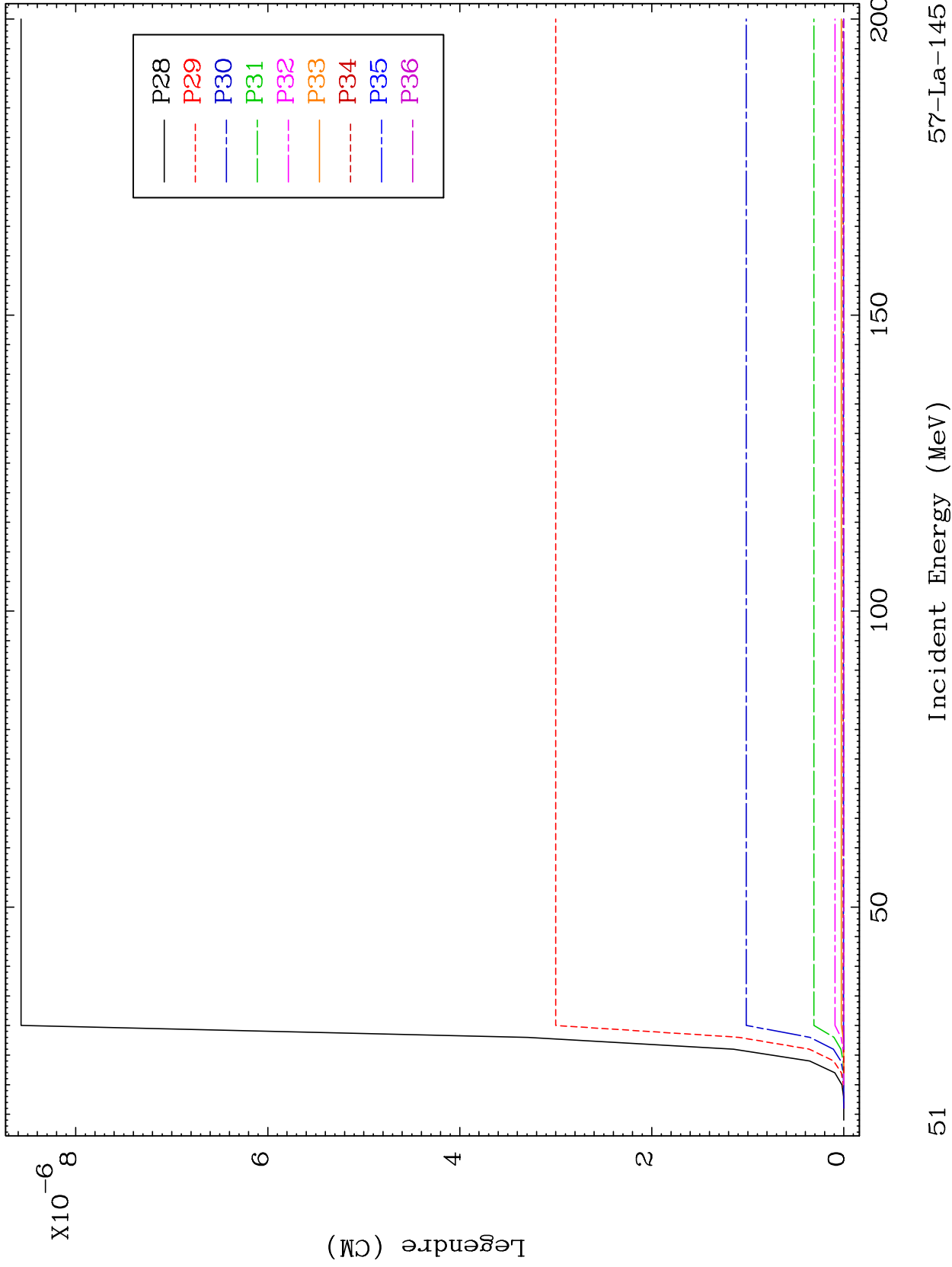
Incident Energy (MeV)

50

MAT 5746

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

57-La-145



51

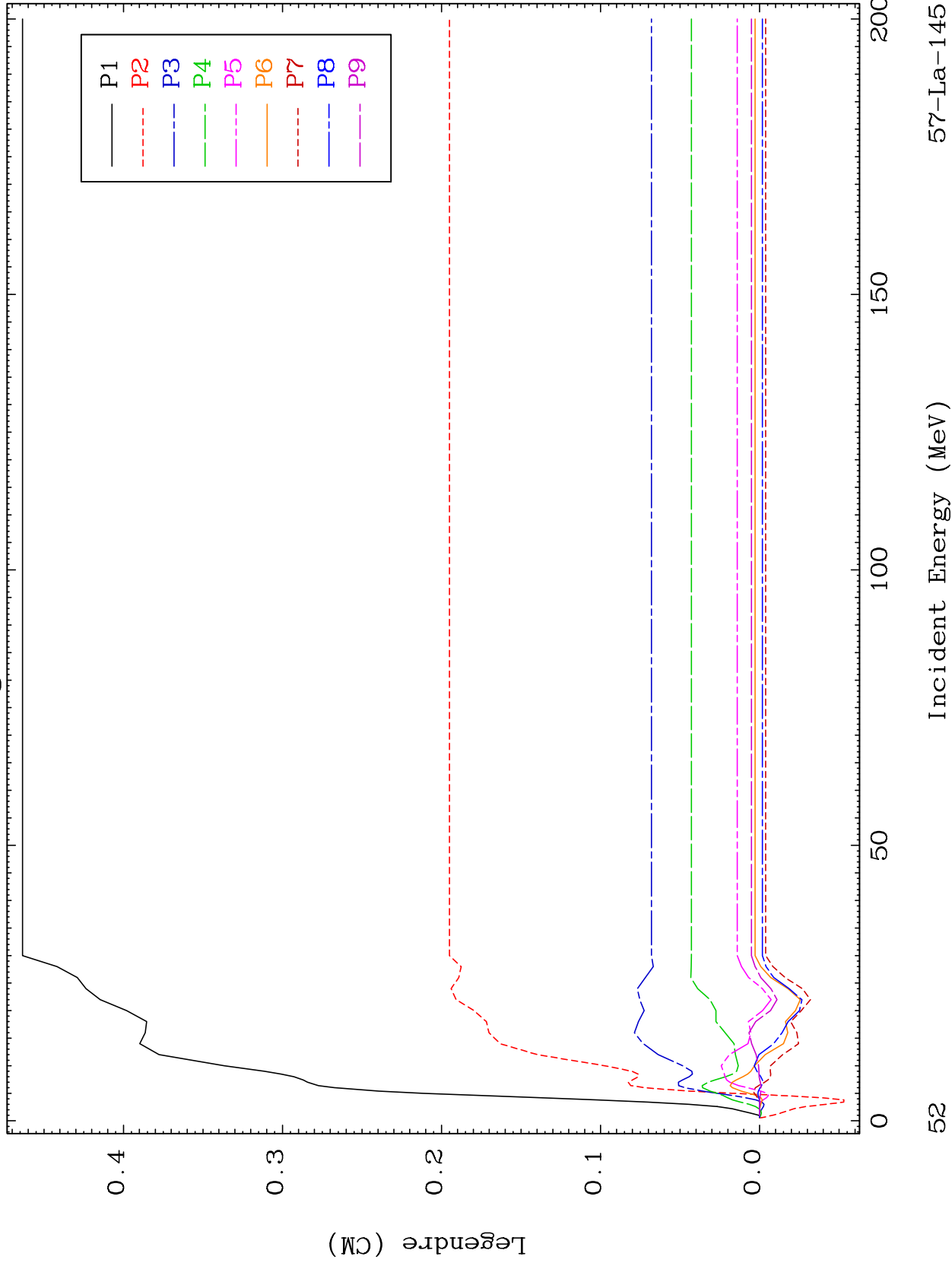
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



57-La-145

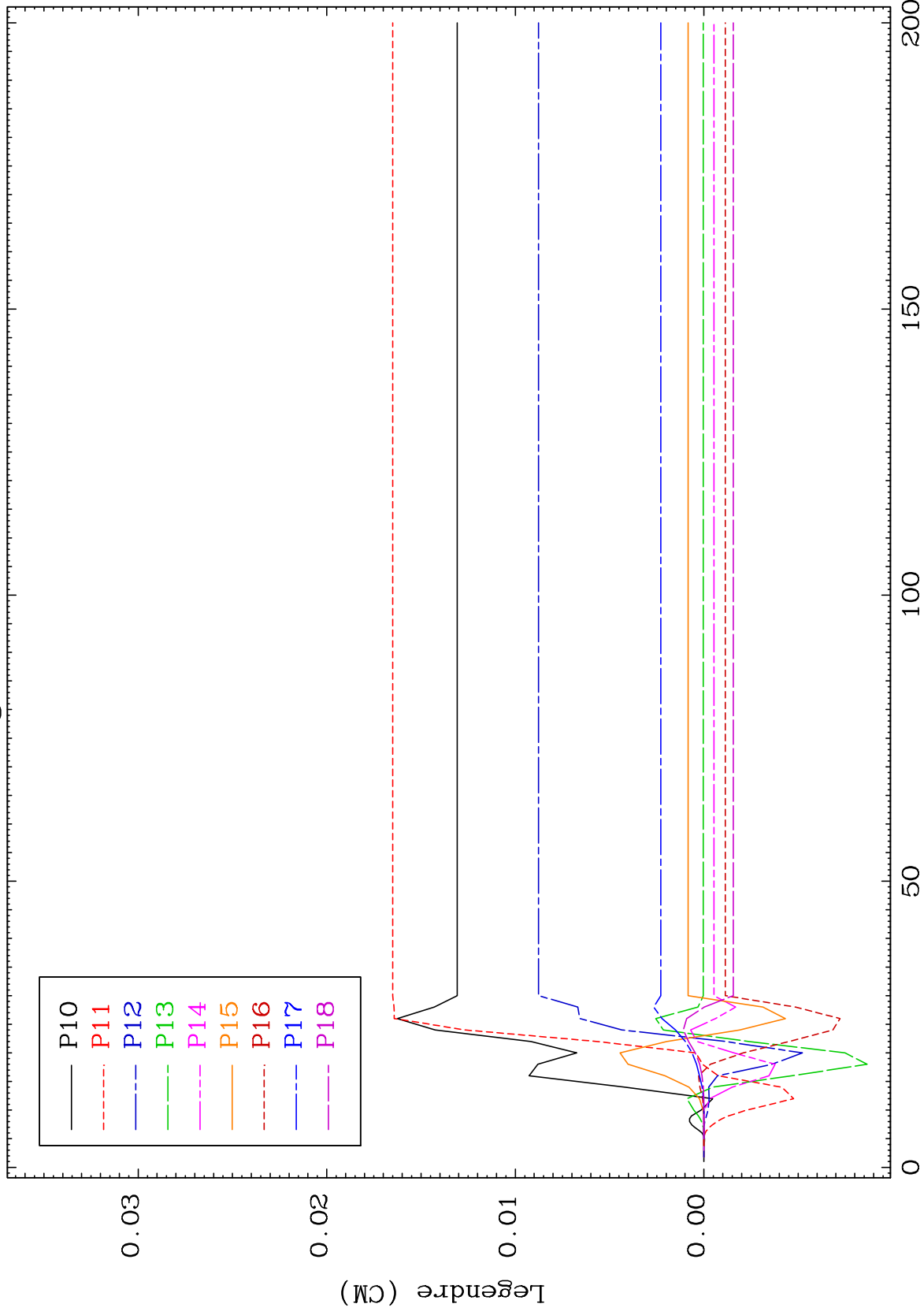
Incident Energy (MeV)

52

MAT 5746

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

57-La-145



53

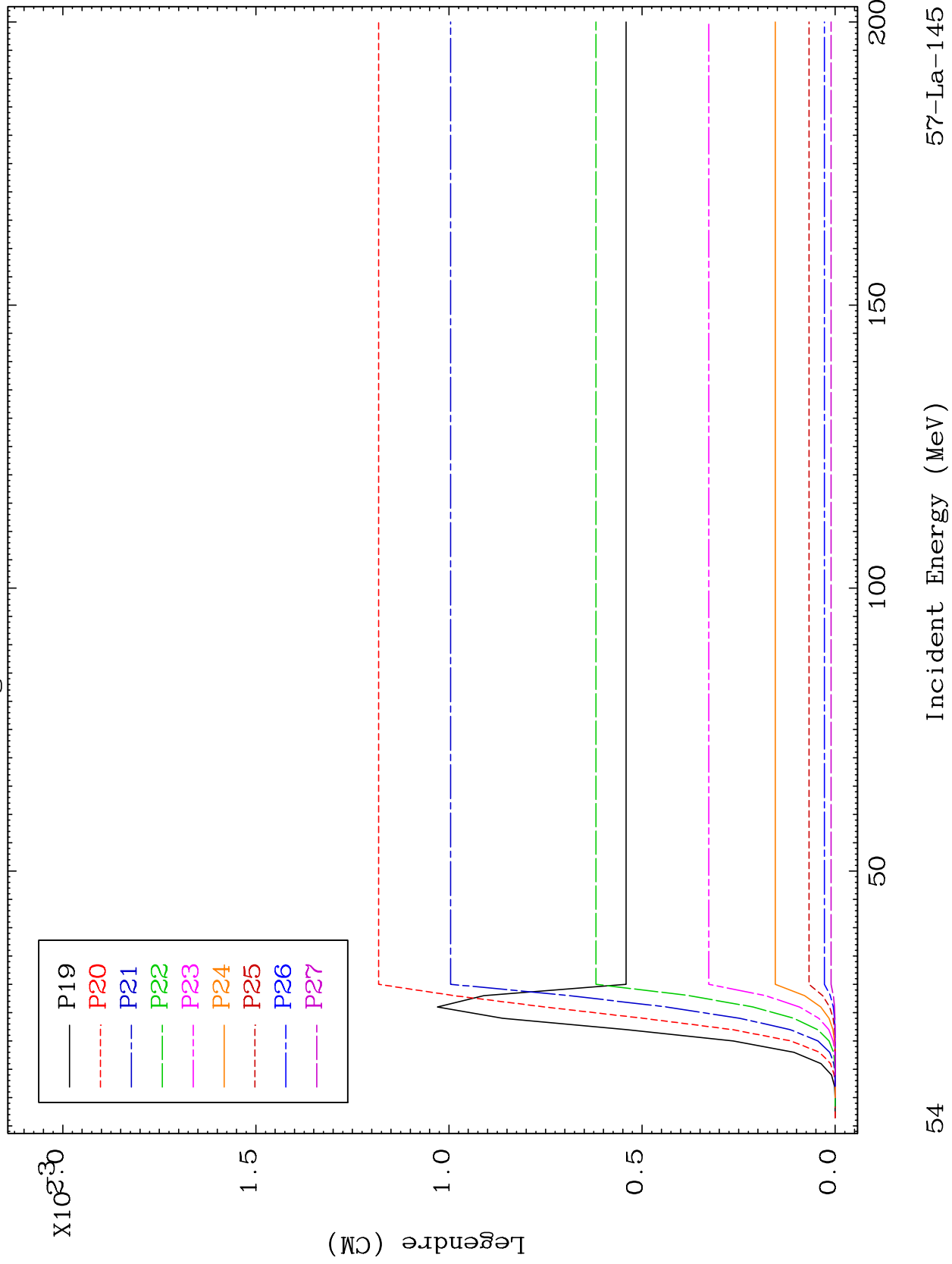
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



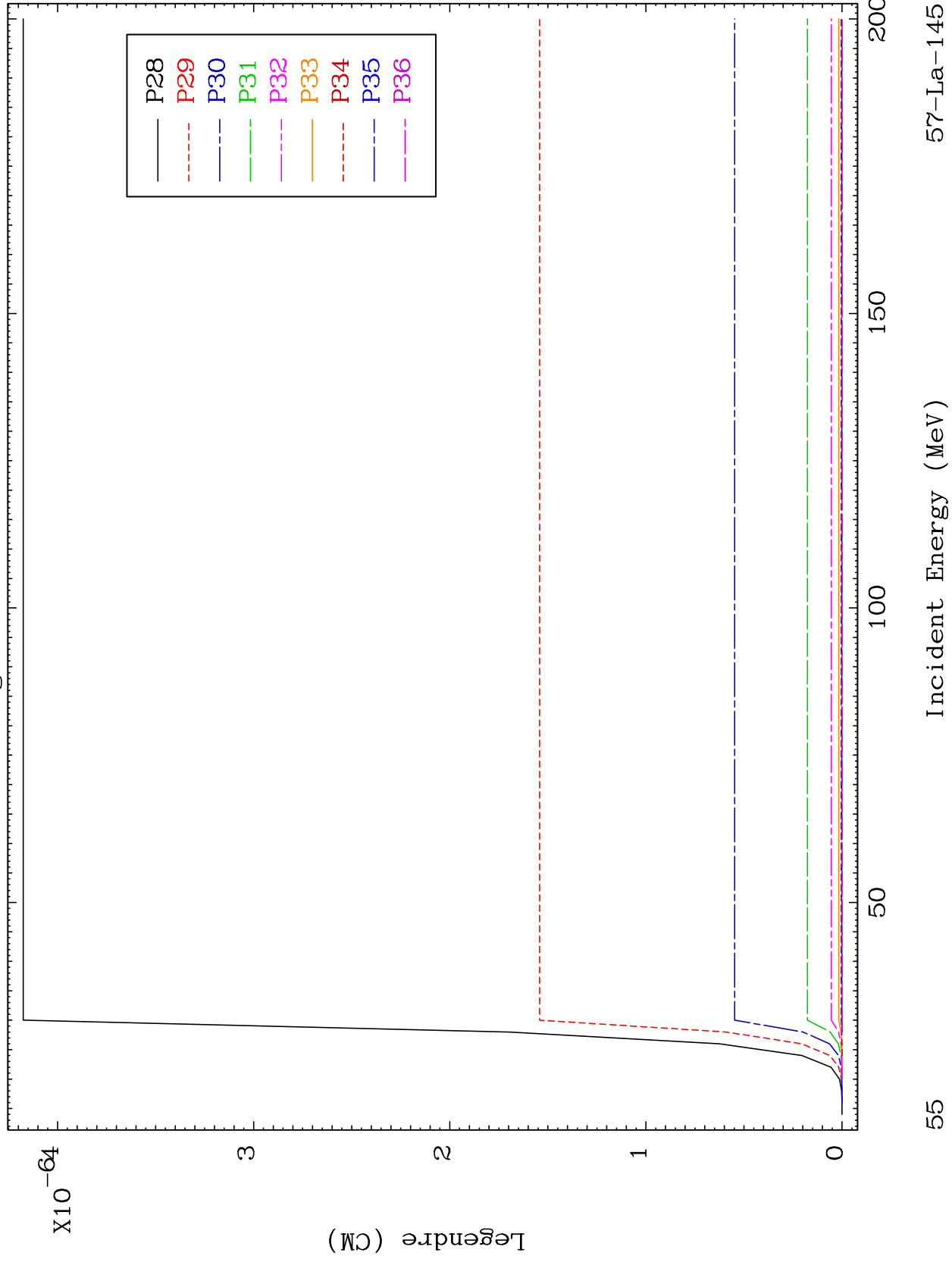
54

200

MAT 5746

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

57-La-145



55

Incident Energy (MeV)

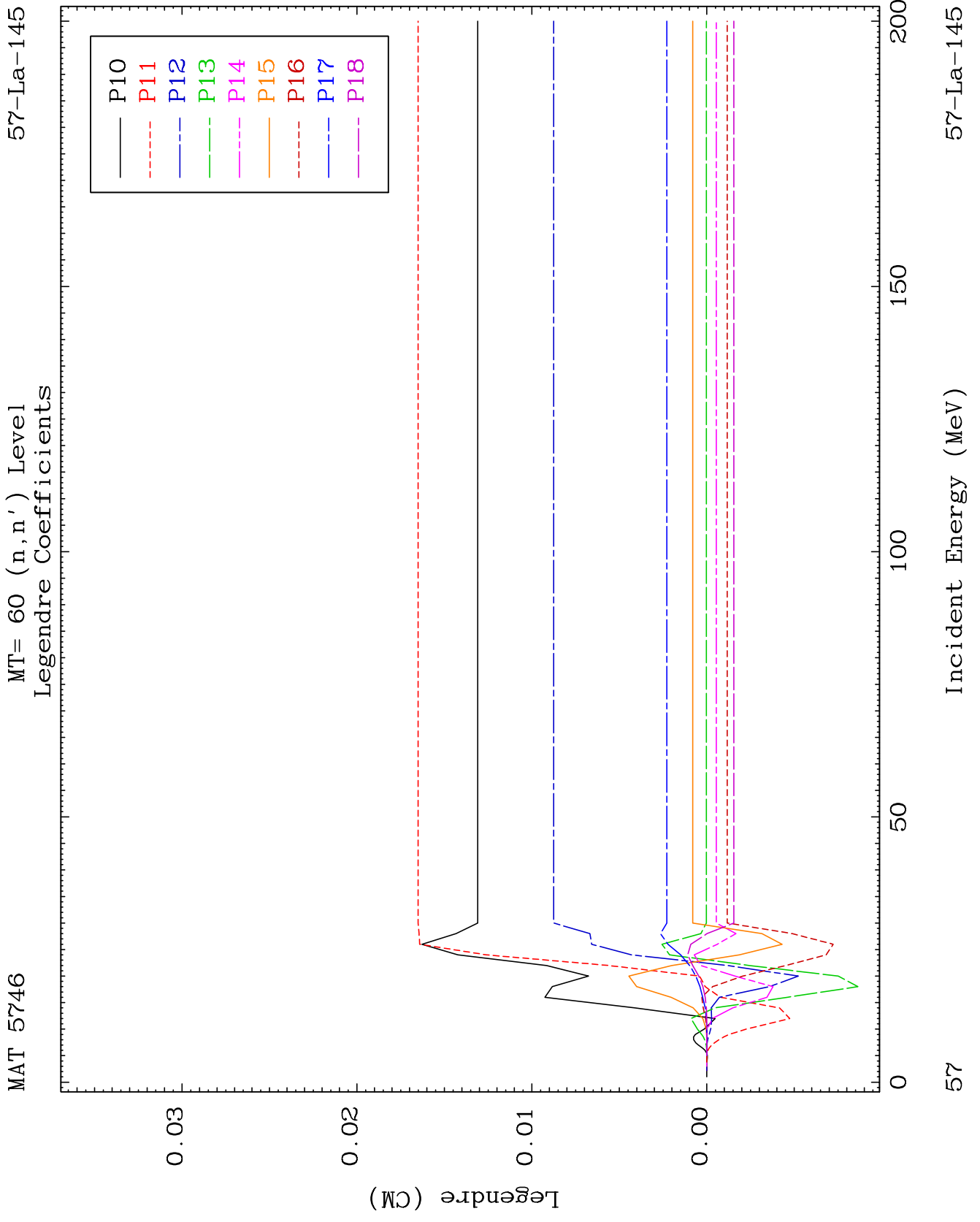
57-La-145

200

150

100

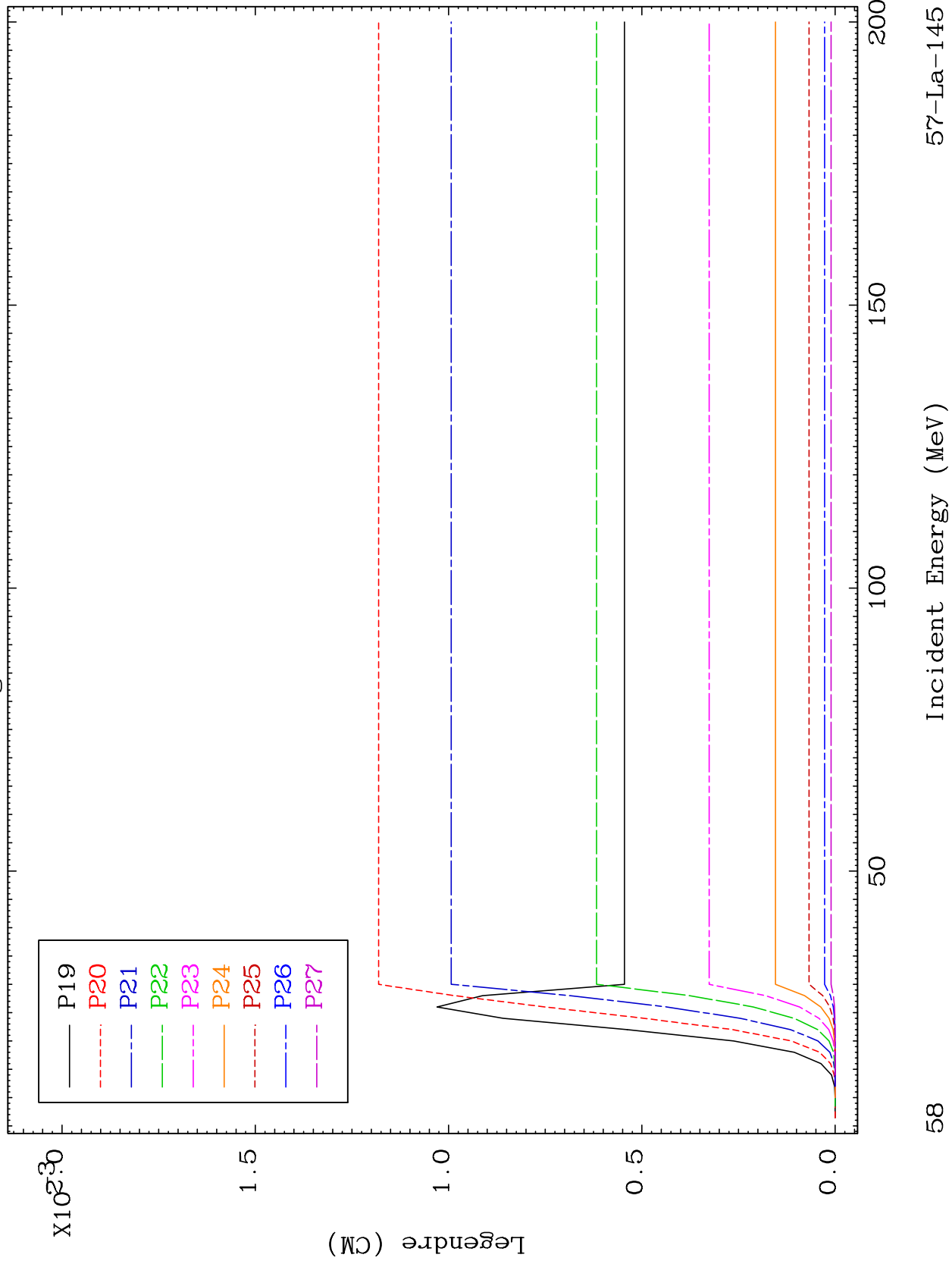
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MAT 5746

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

57-La-145



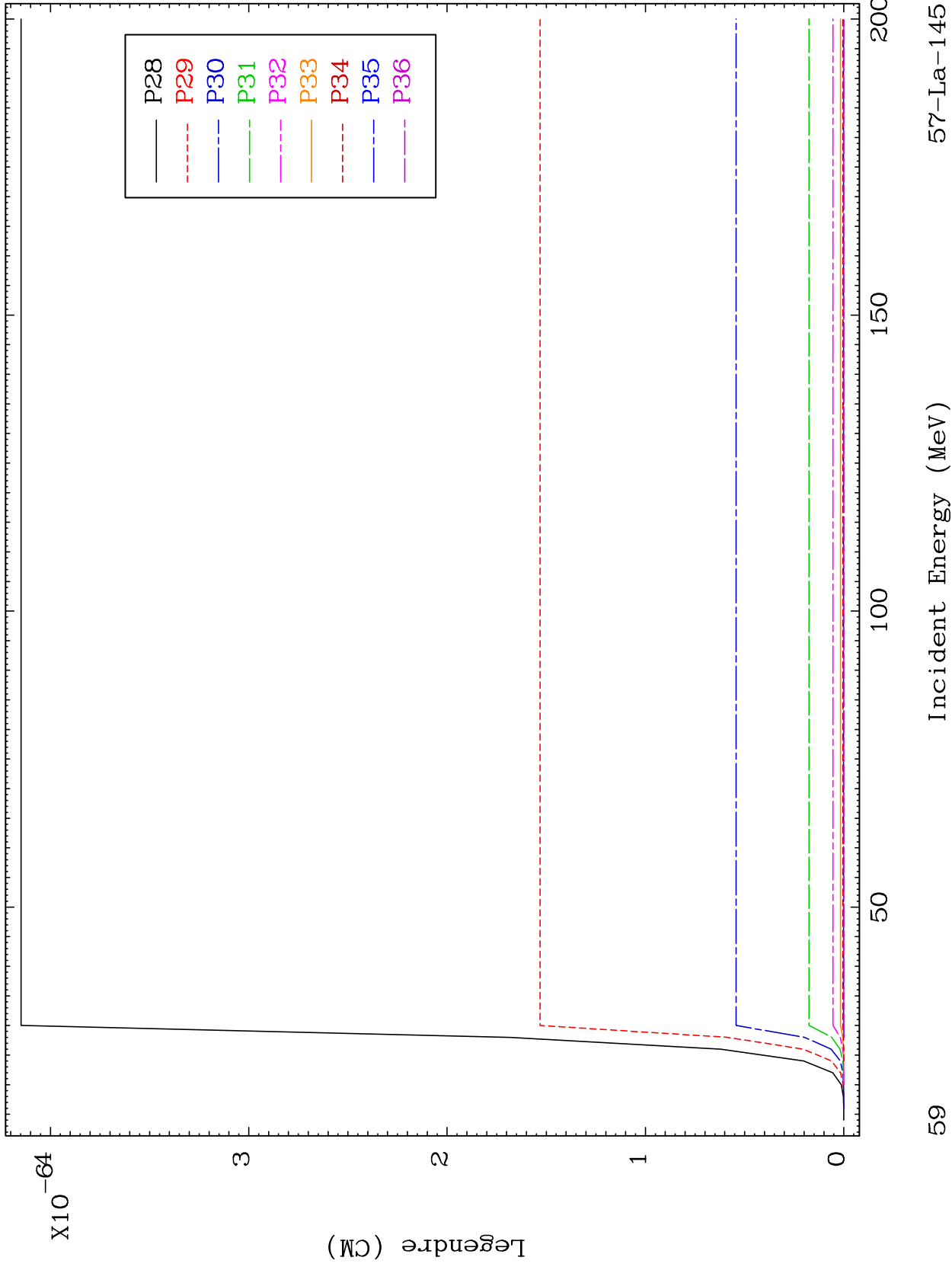
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57-La-145

MAT 5746

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

57-La-145



59

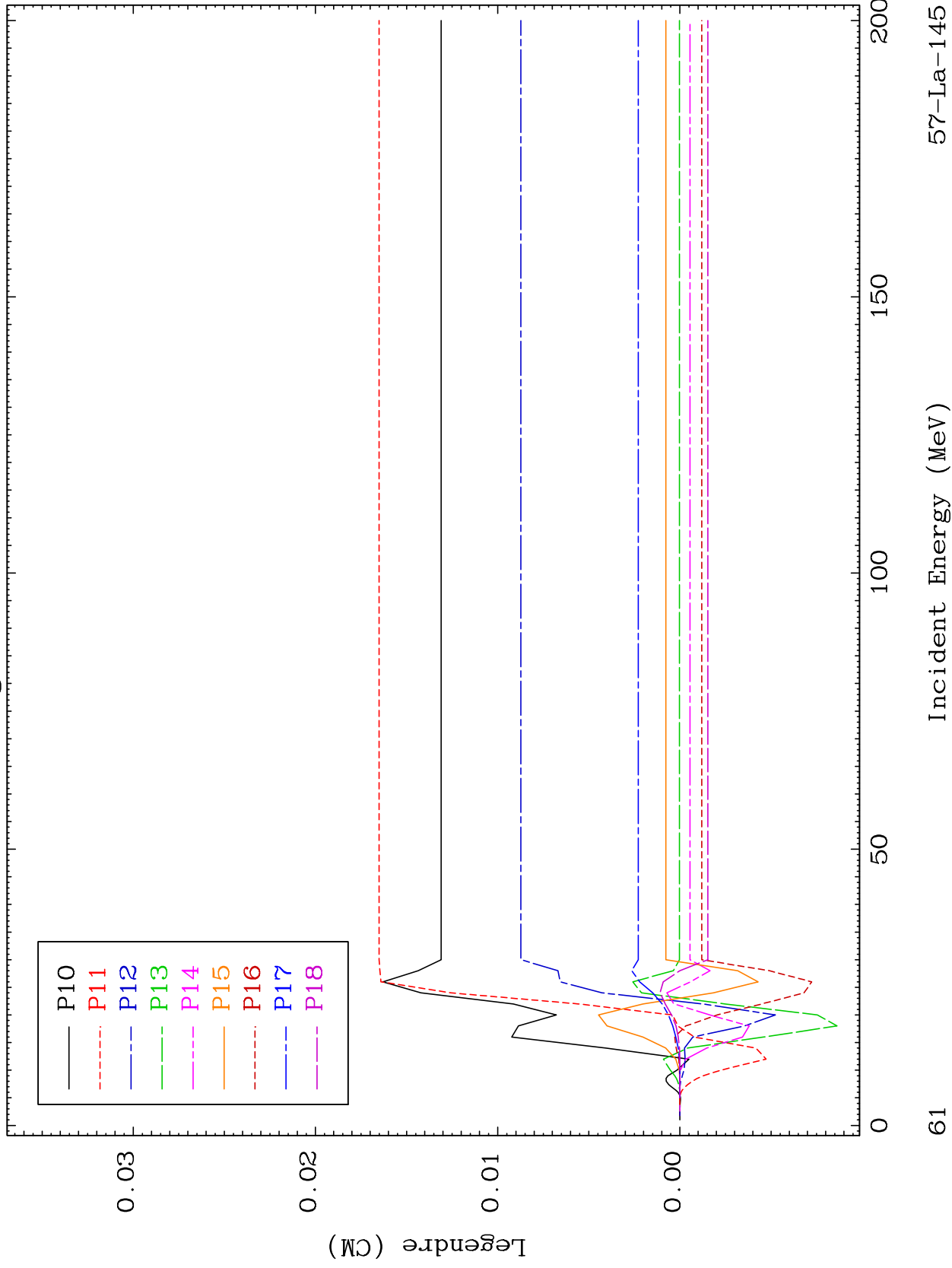
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



61

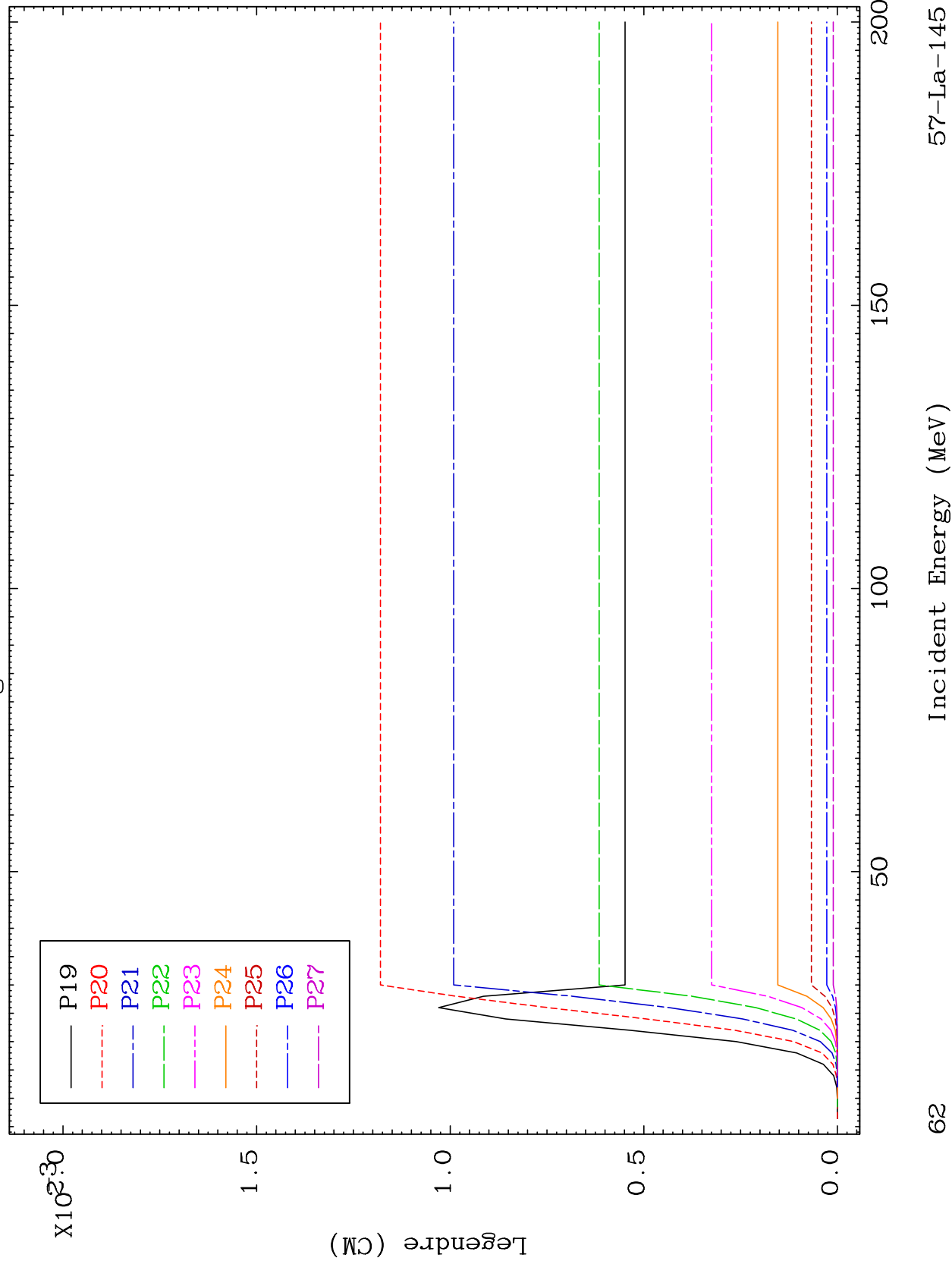
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



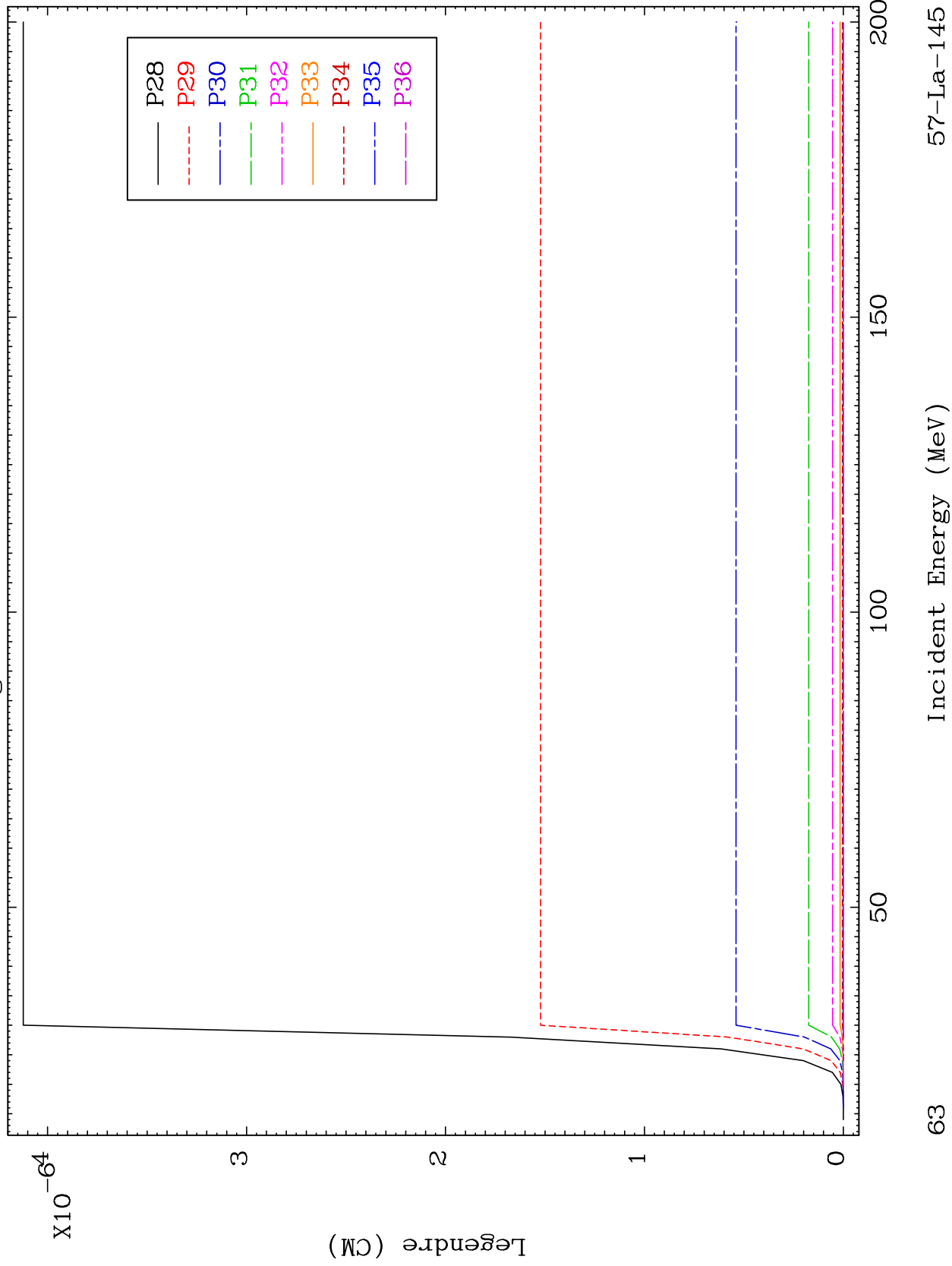
62

57-La-145

MAT 5746

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

57-La-145



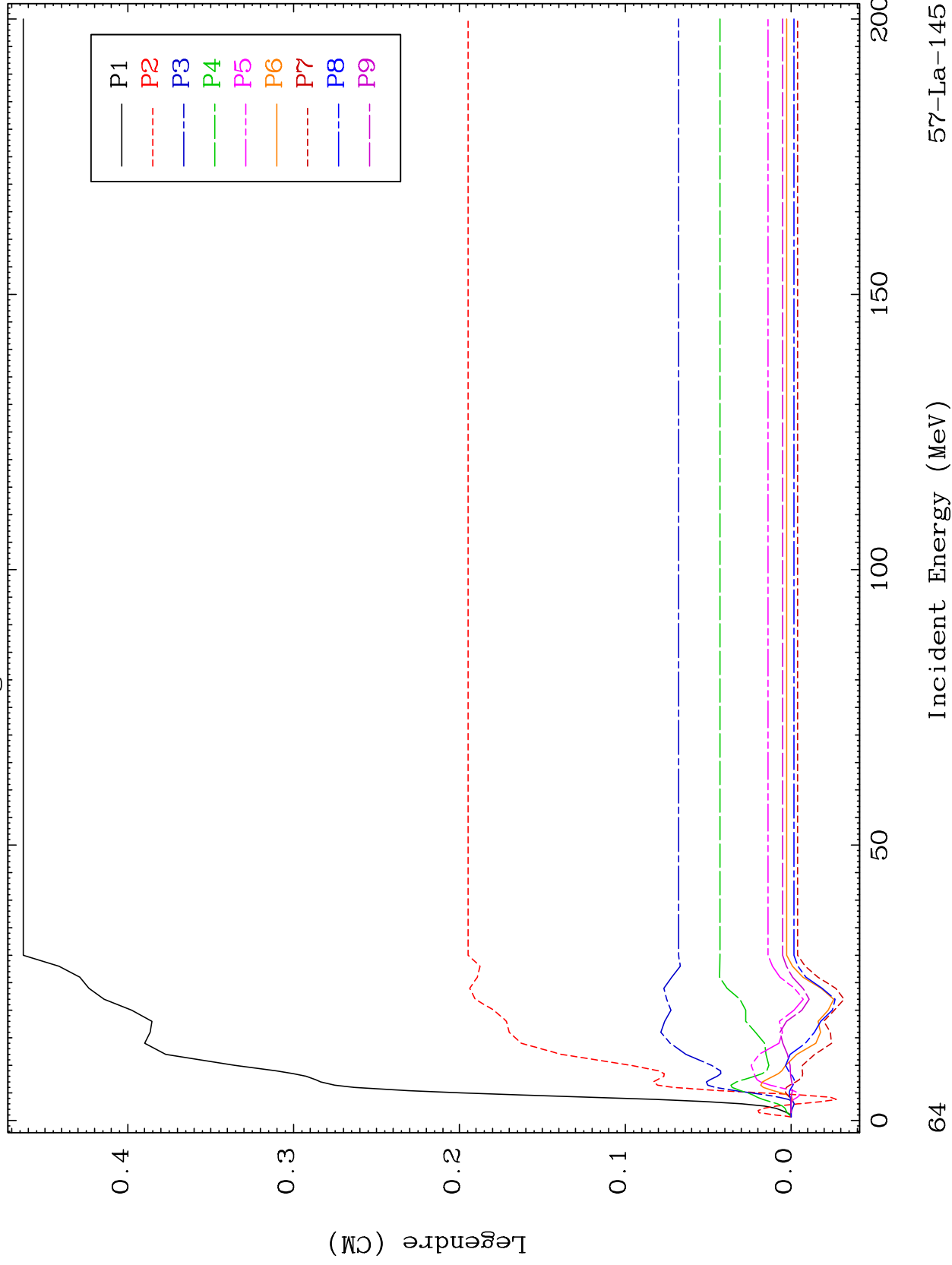
63

57-La-145

MAT 5746

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

57-La-145



57-La-145

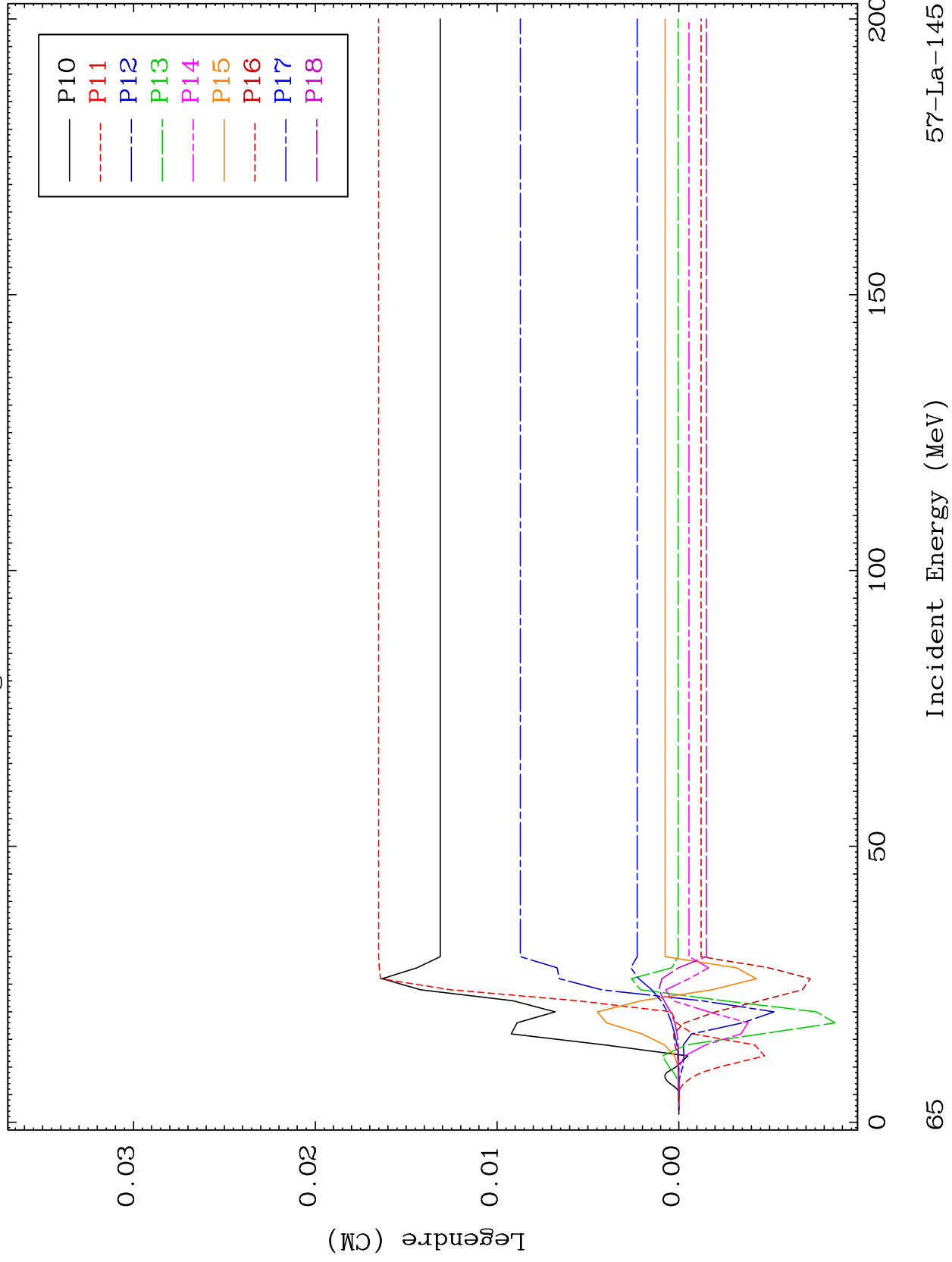
Incident Energy (MeV)

64

MAT 5746

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

57-La-145



57-La-145

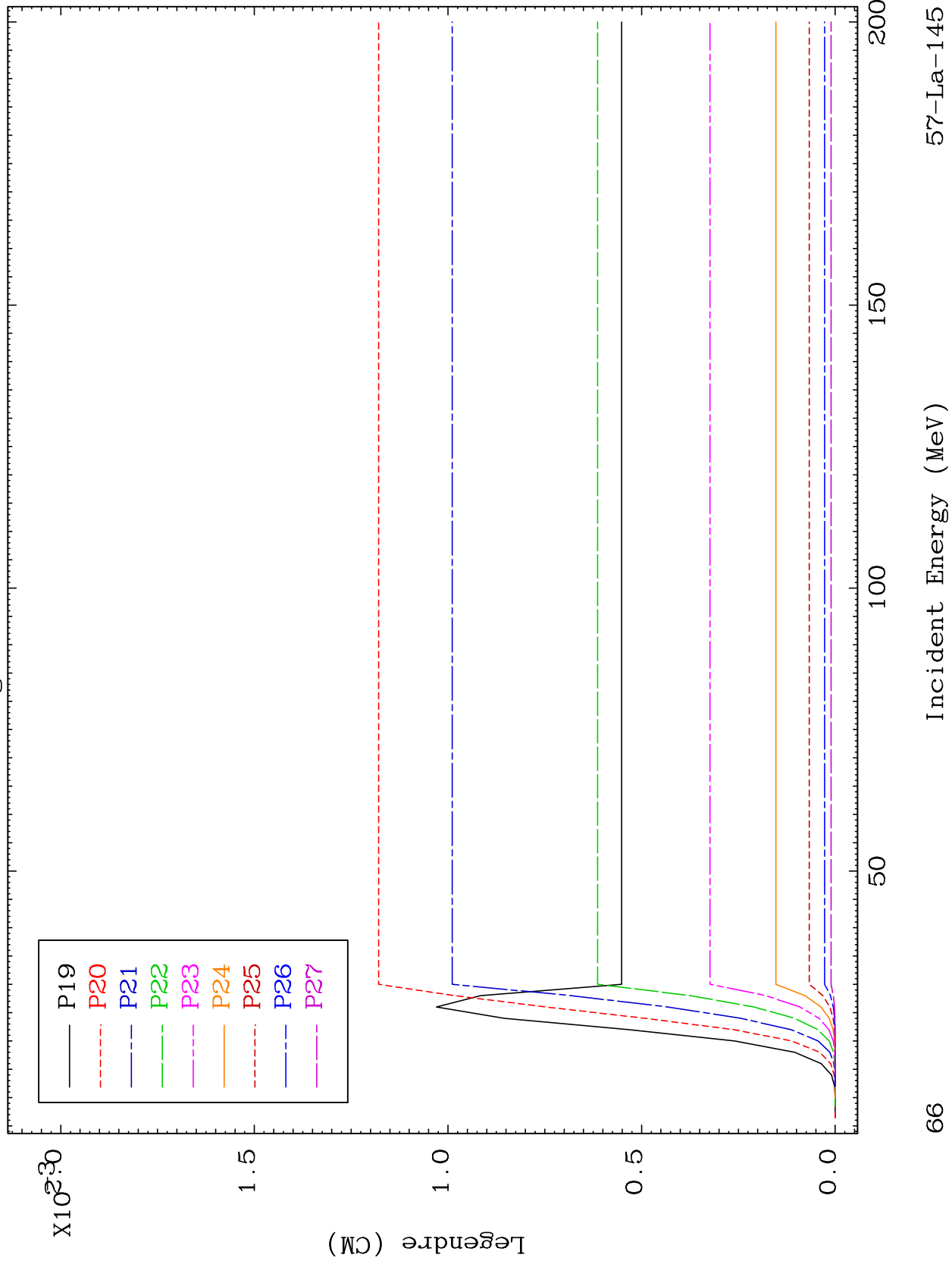
Incident Energy (MeV)

65

MAT 5746

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

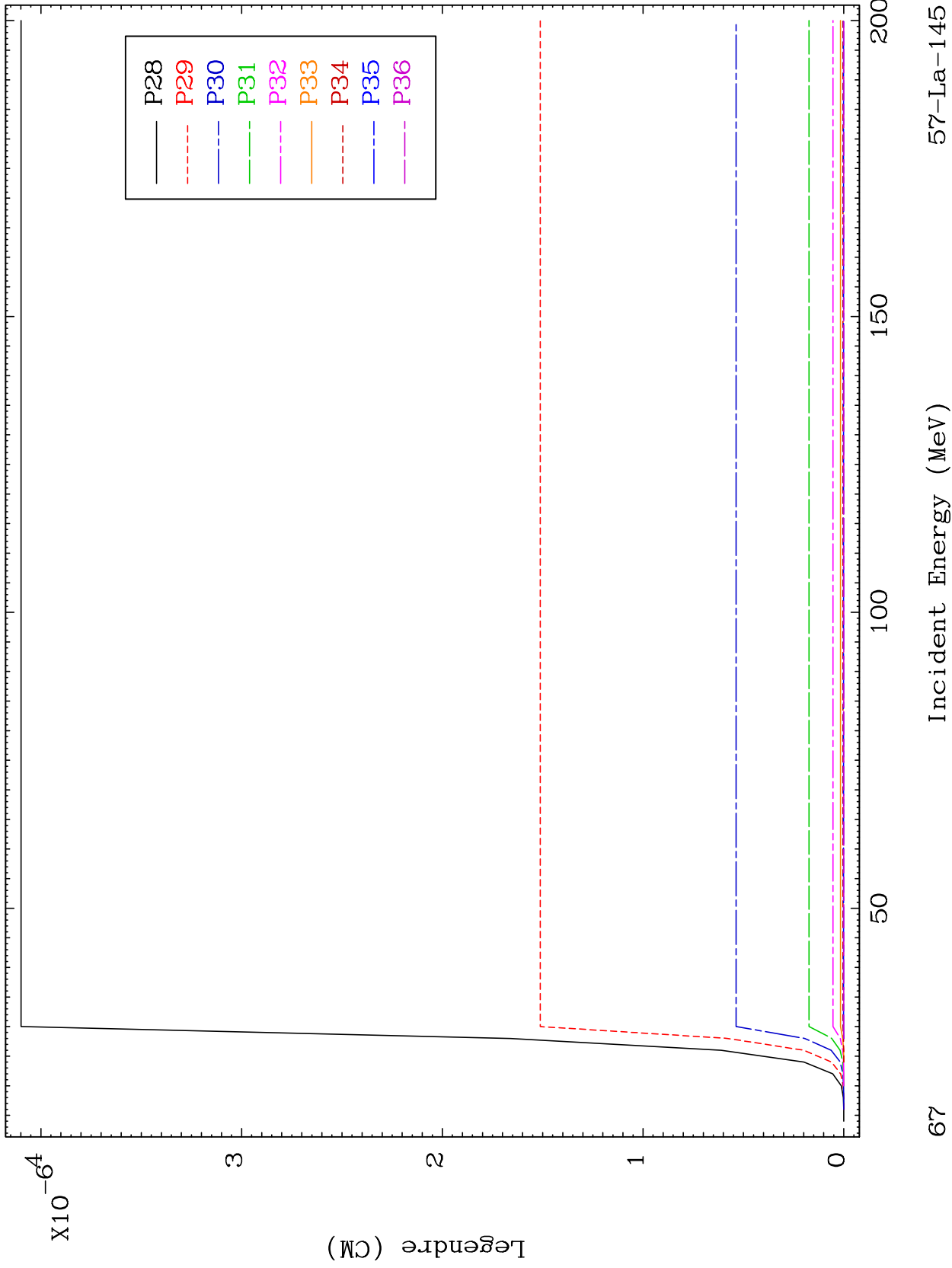
57-La-145



MAT 5746

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

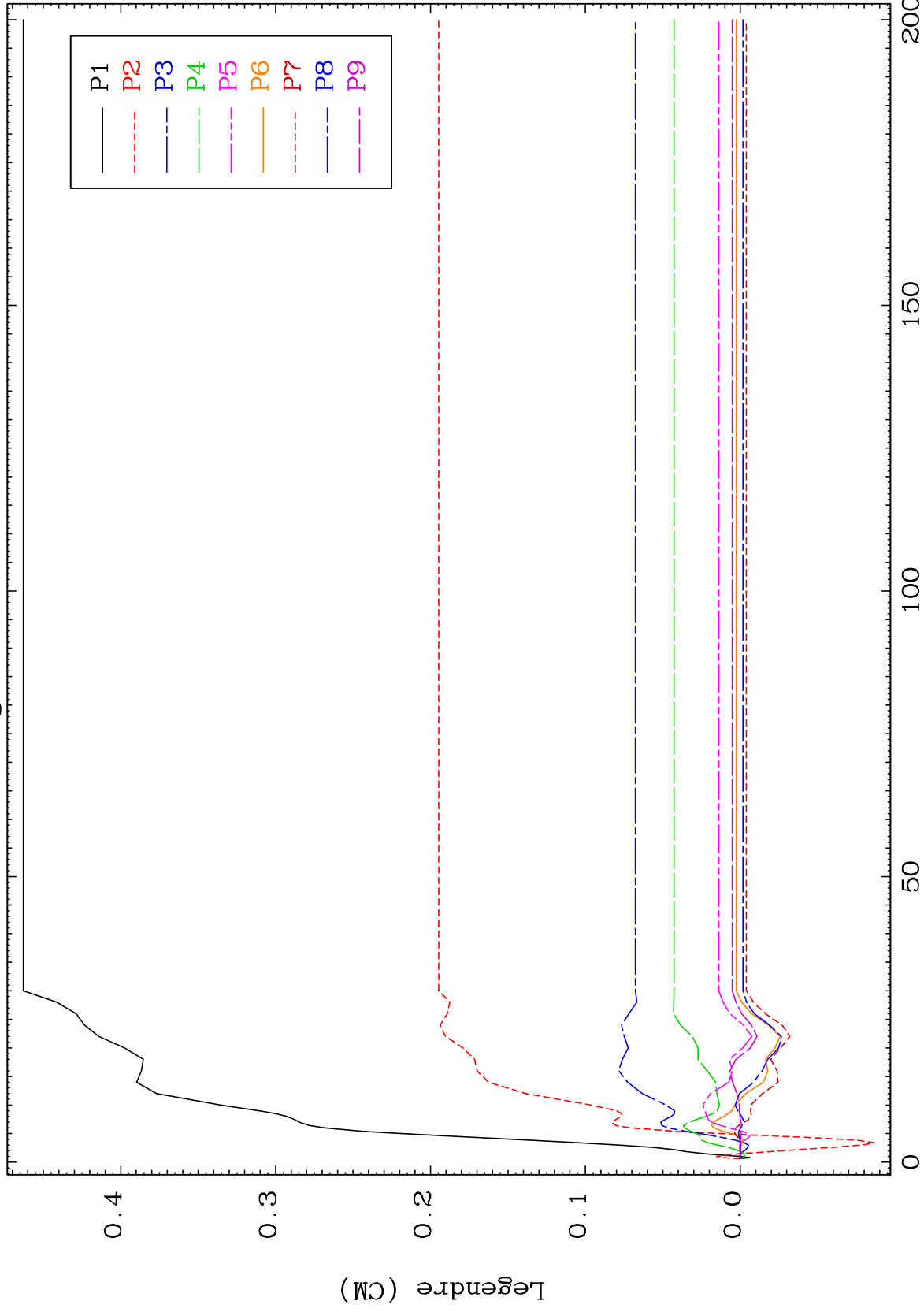
57-La-145



MAT 5746

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

57-La-145



57-La-145

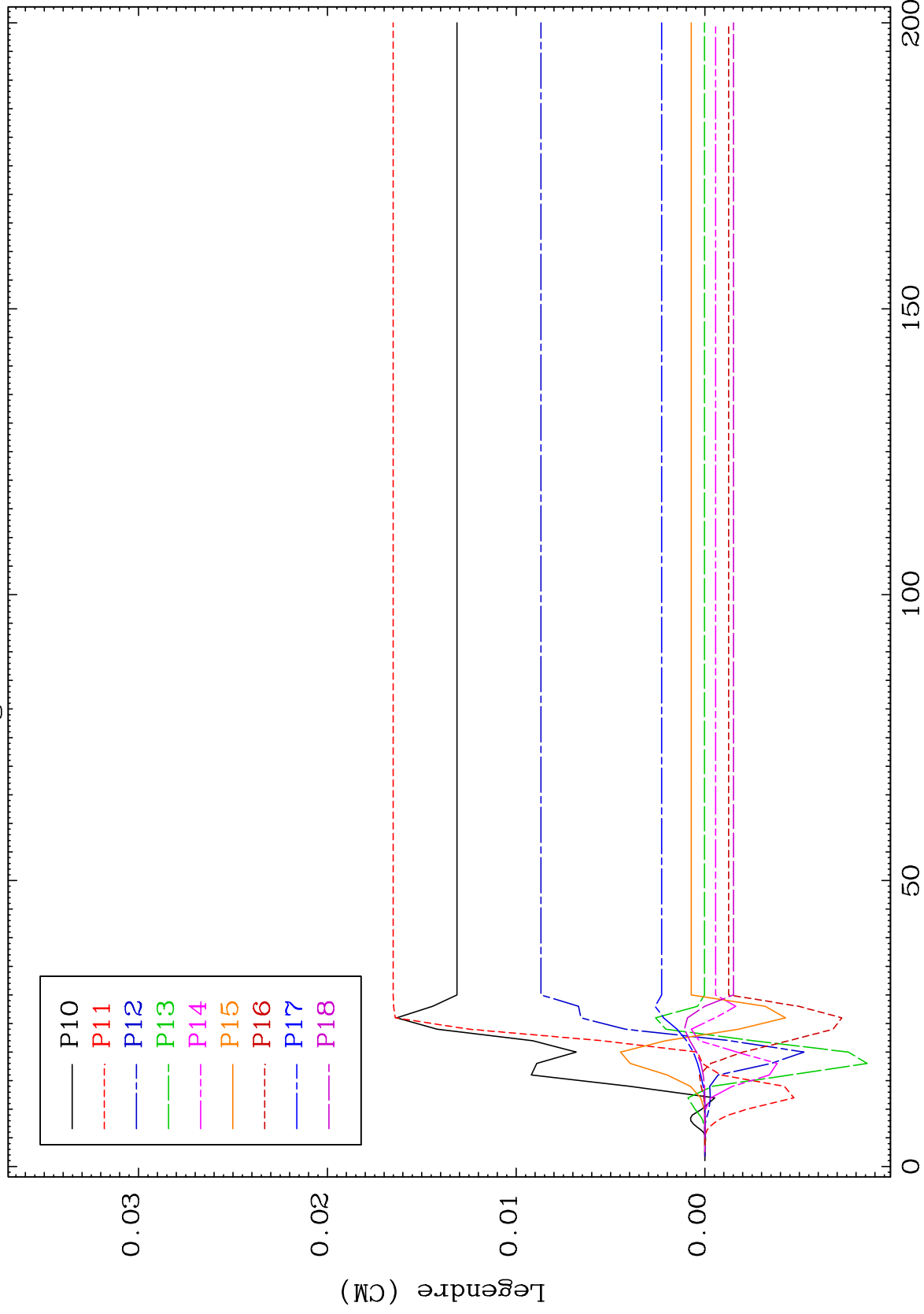
Incident Energy (MeV)

68

MAT 5746

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

57-La-145



69

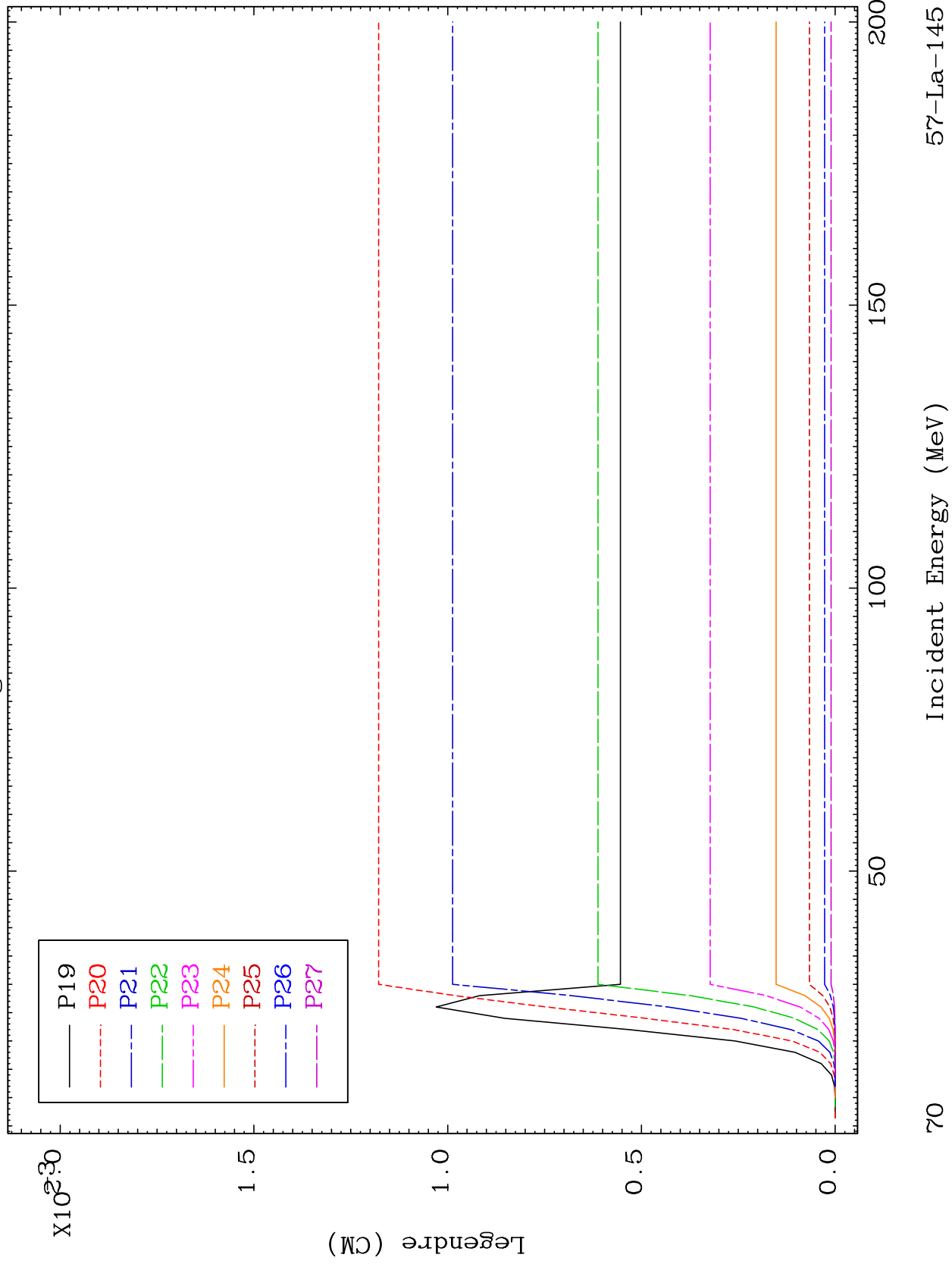
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



70

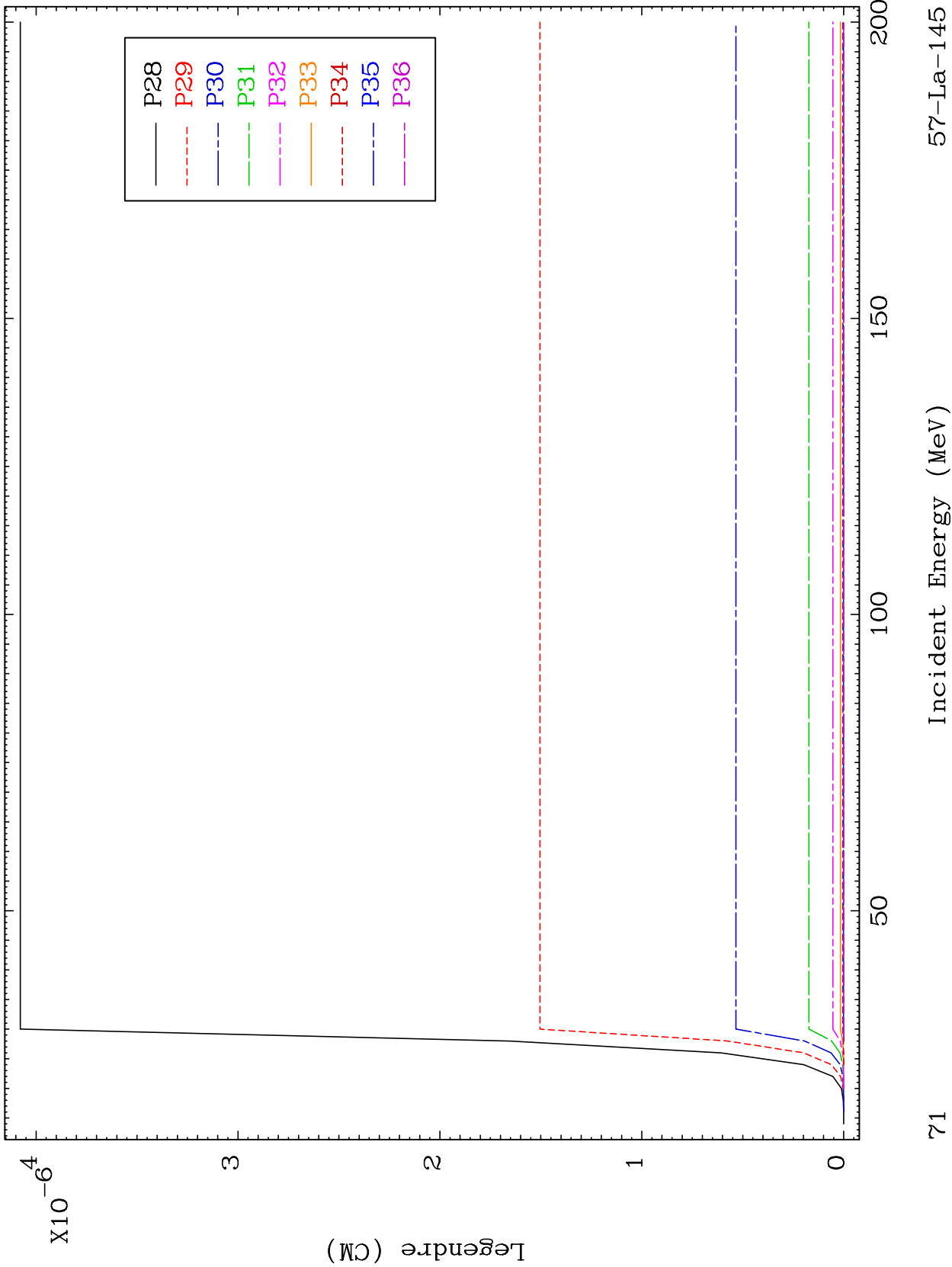
Incident Energy (MeV)

57-La-145

MAT 5746

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

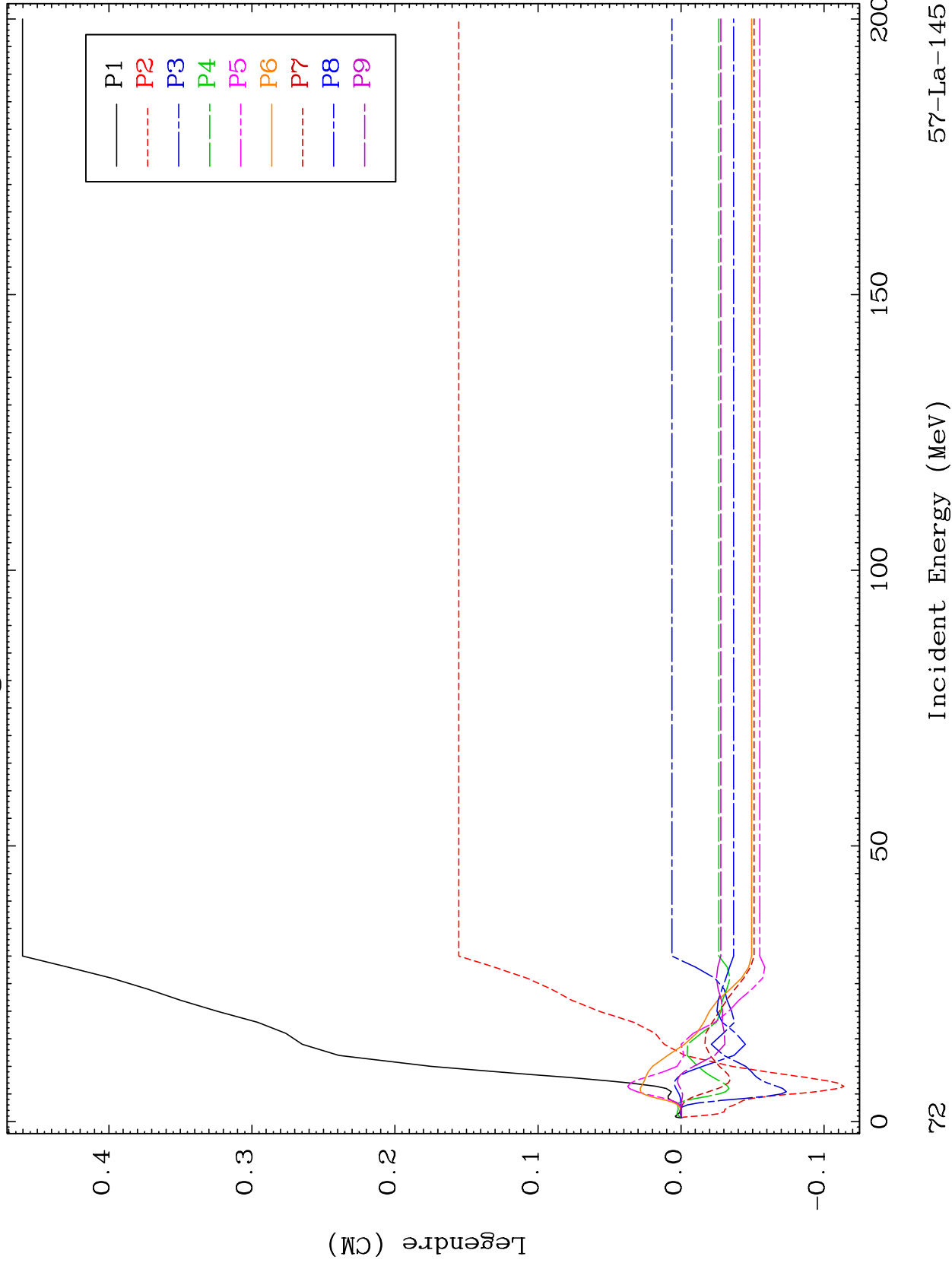
57-La-145

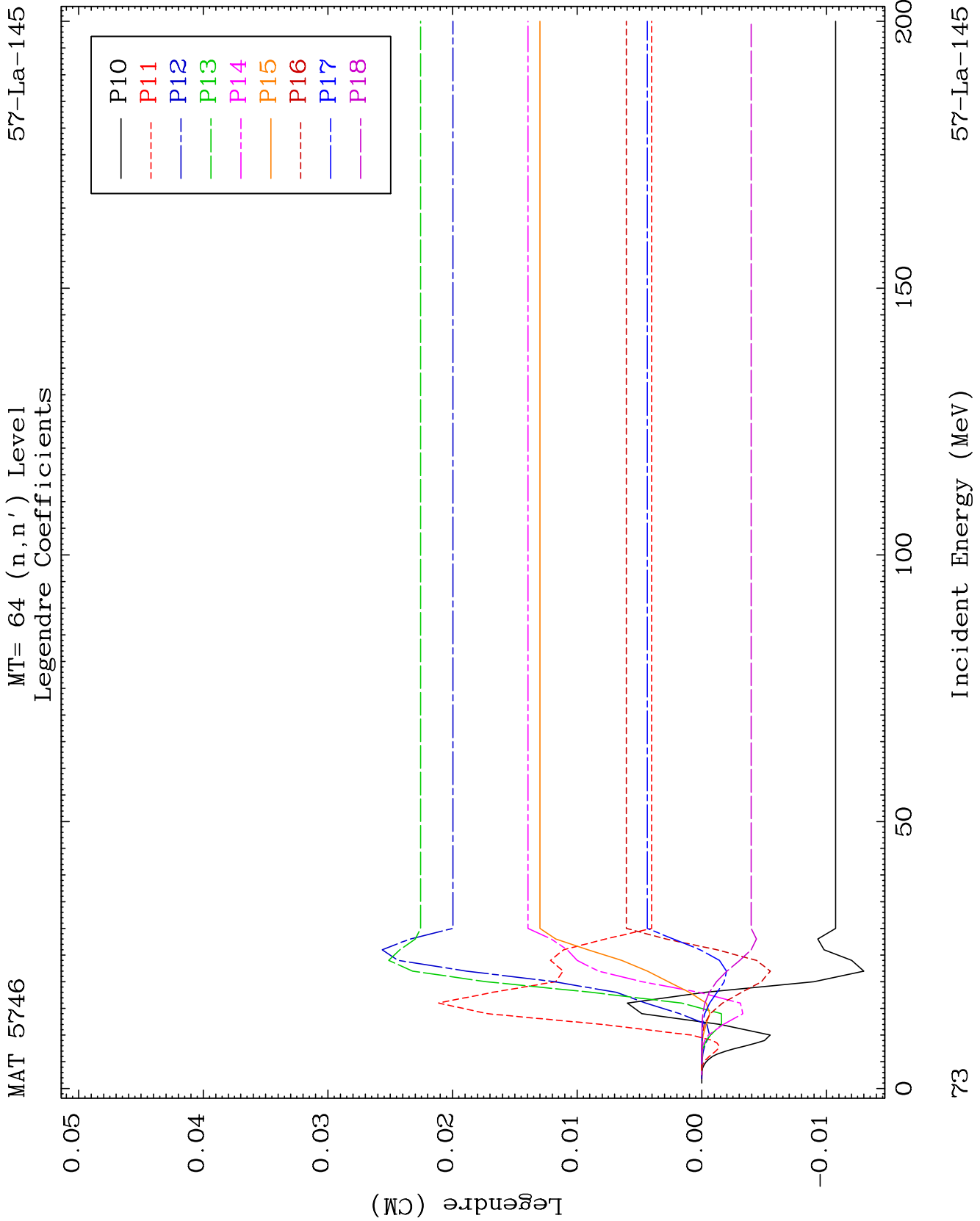


MAT 5746

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

57-La-145

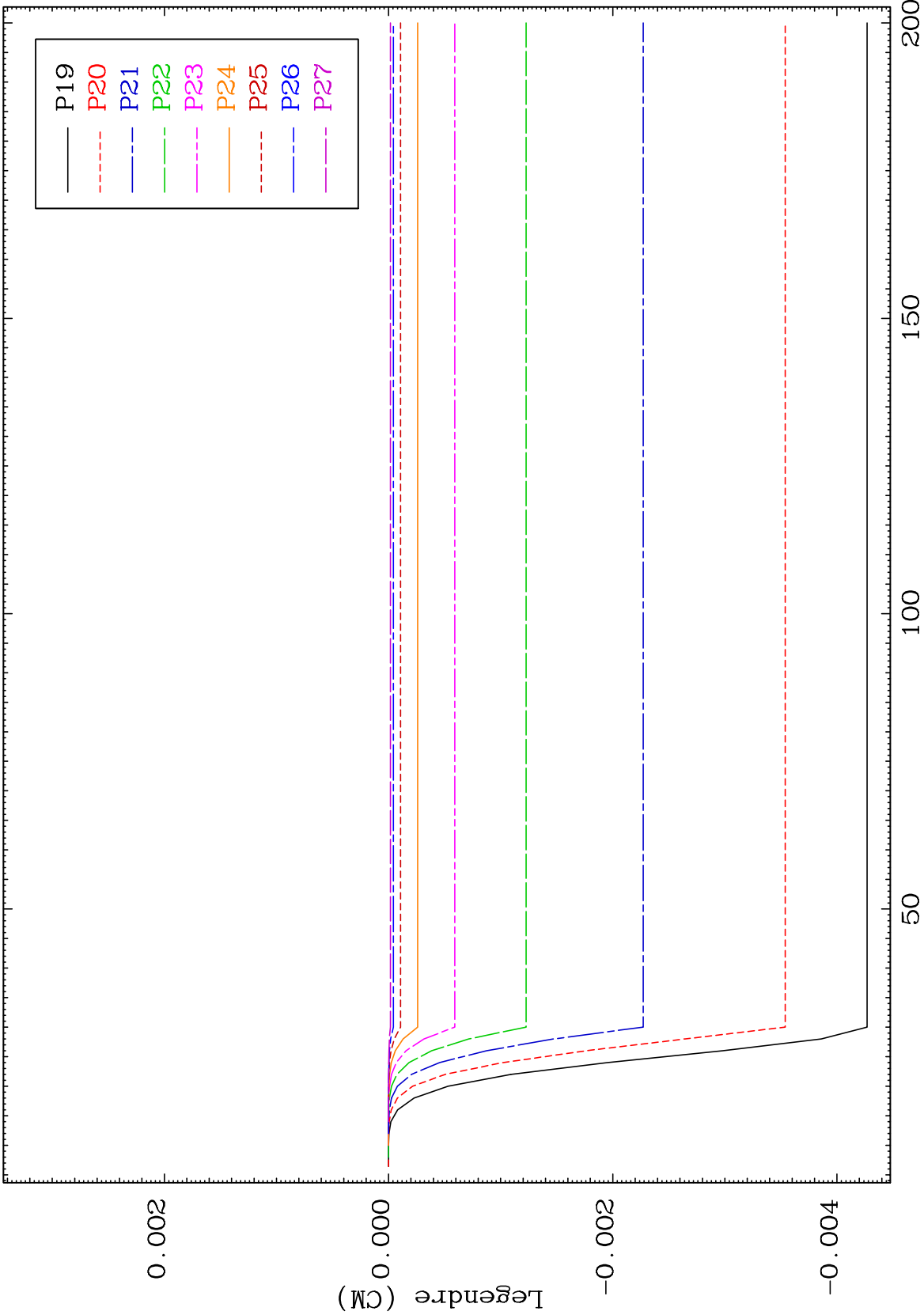




MAT 5746

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

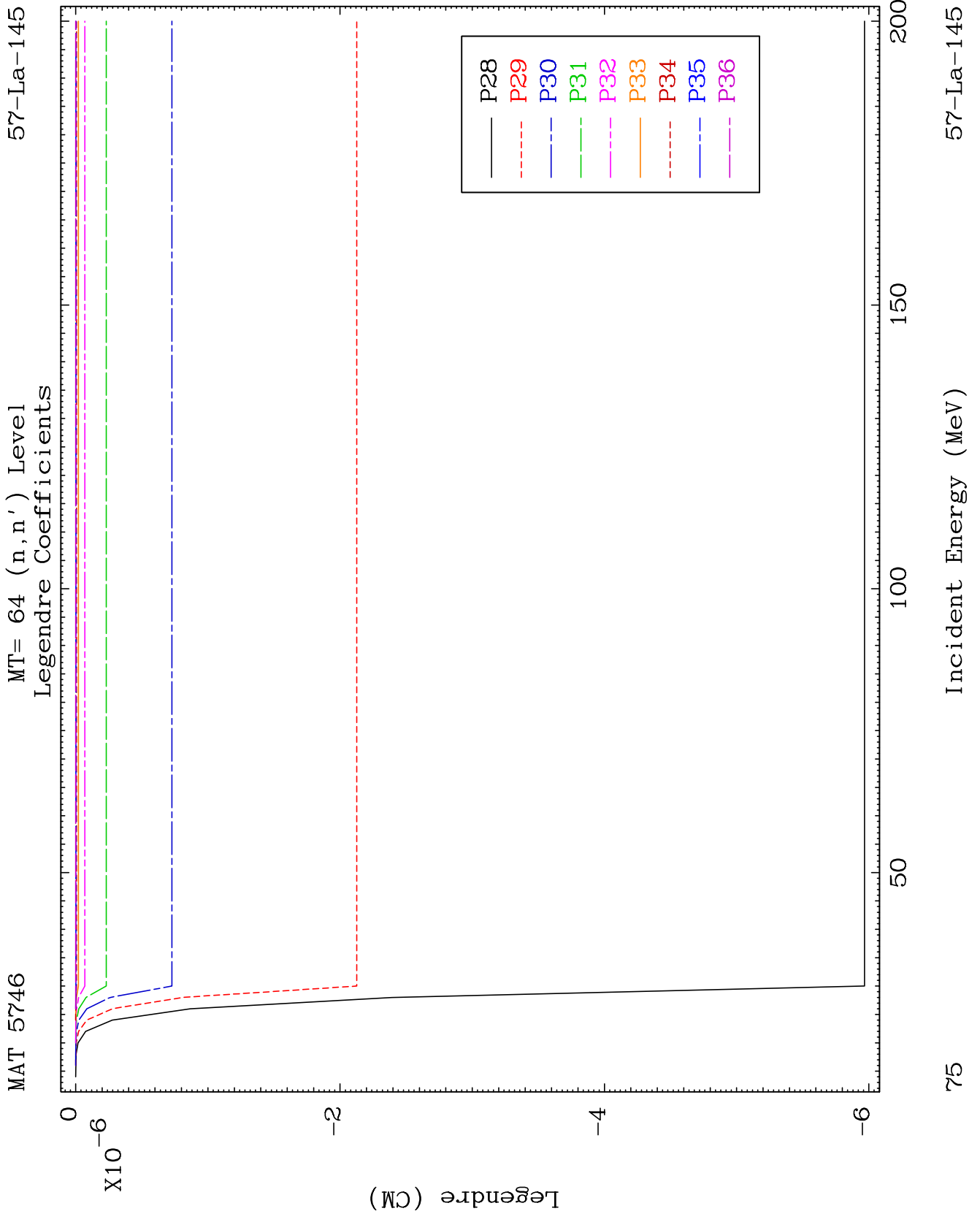
57-La-145

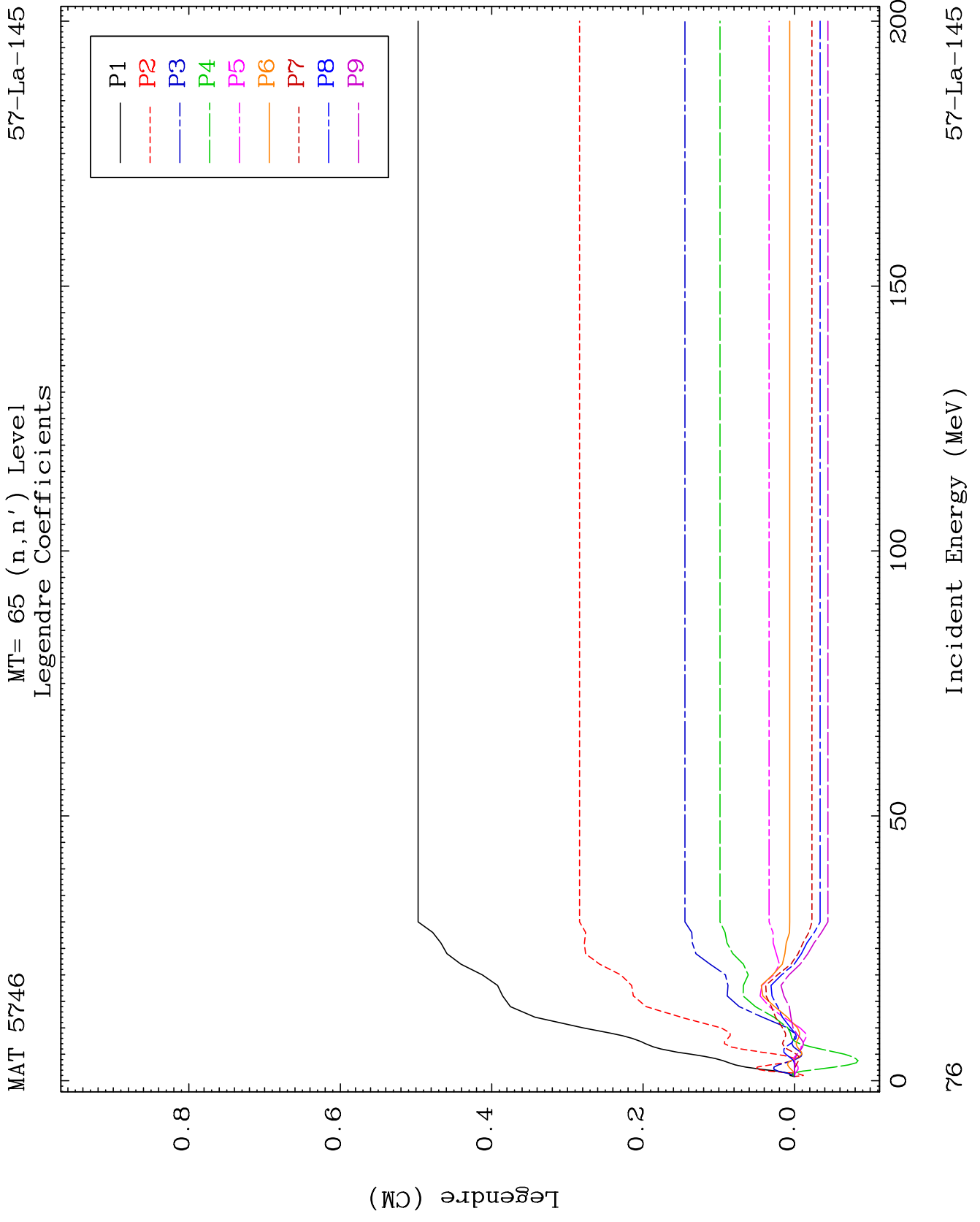


74

Incident Energy (MeV)

57-La-145

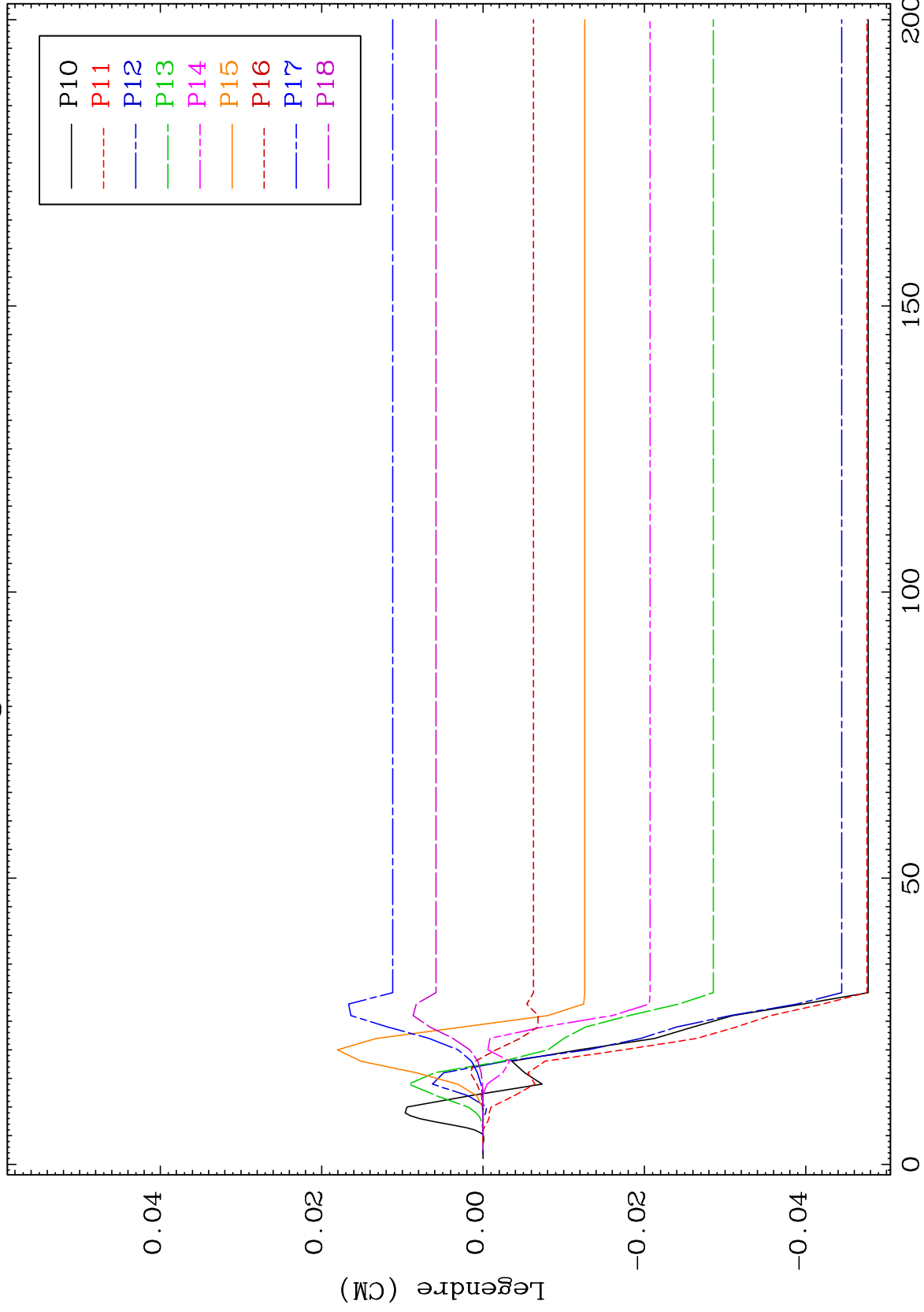




MAT 5746

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

57-La-145



77

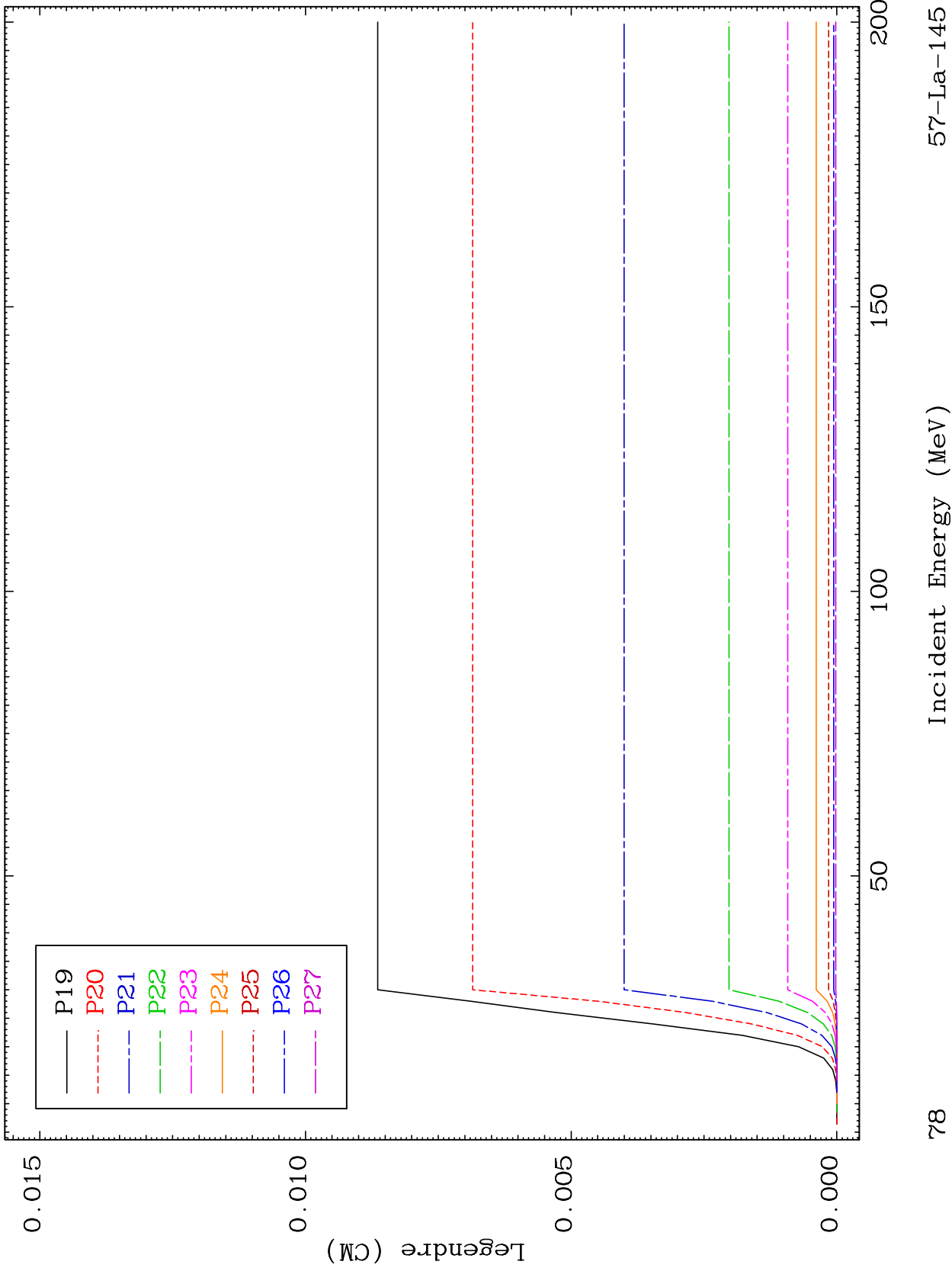
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



78

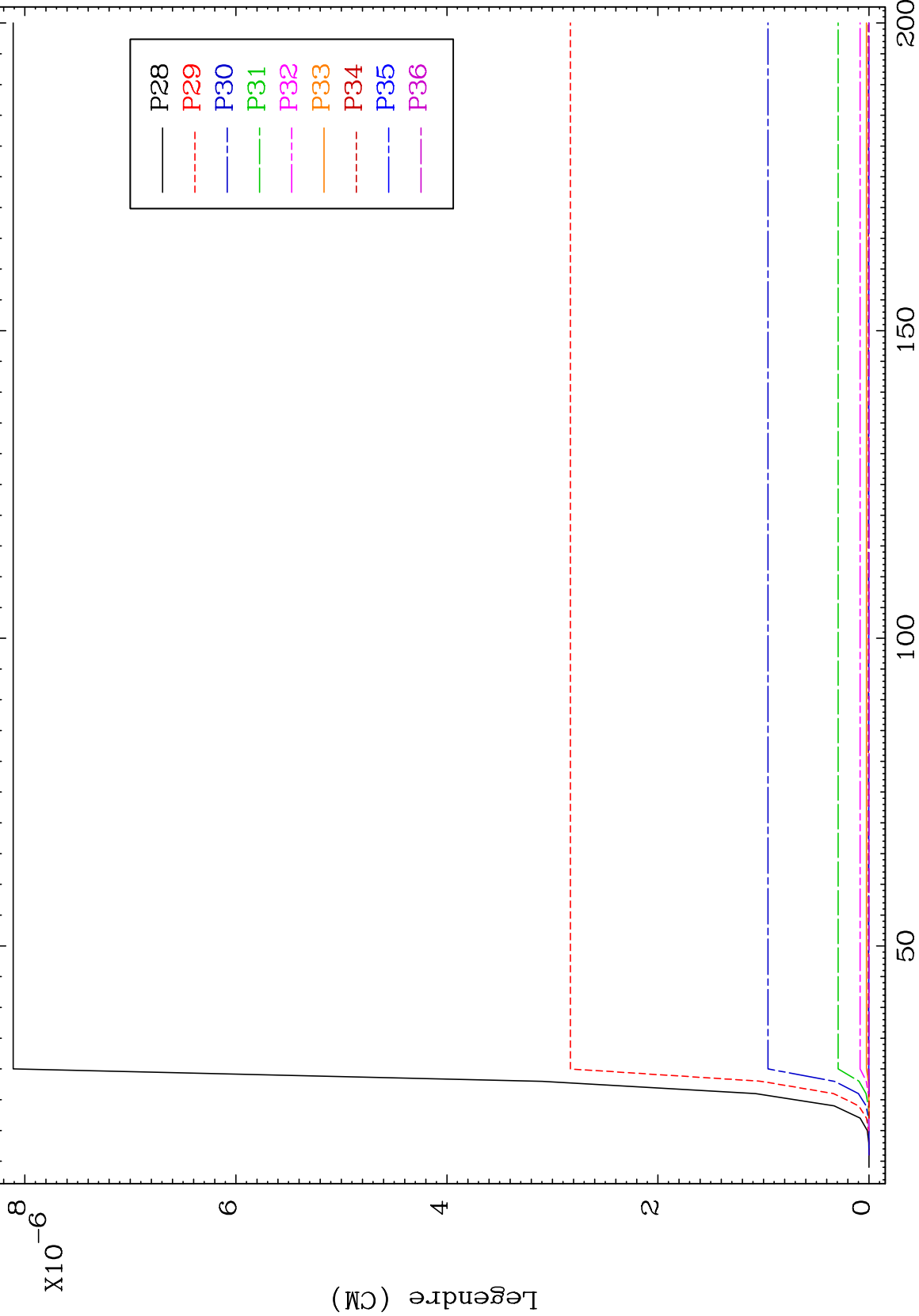
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



79

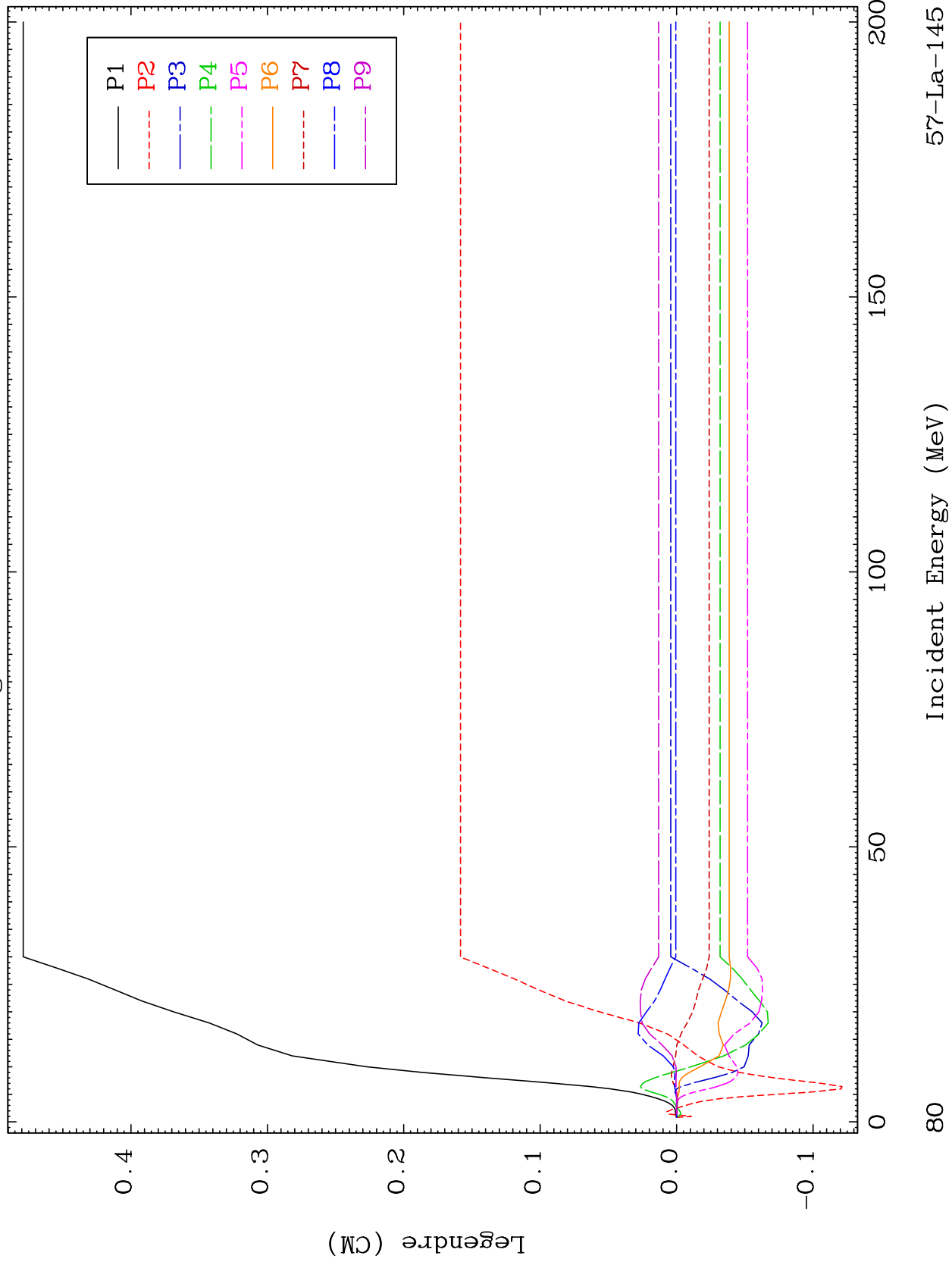
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



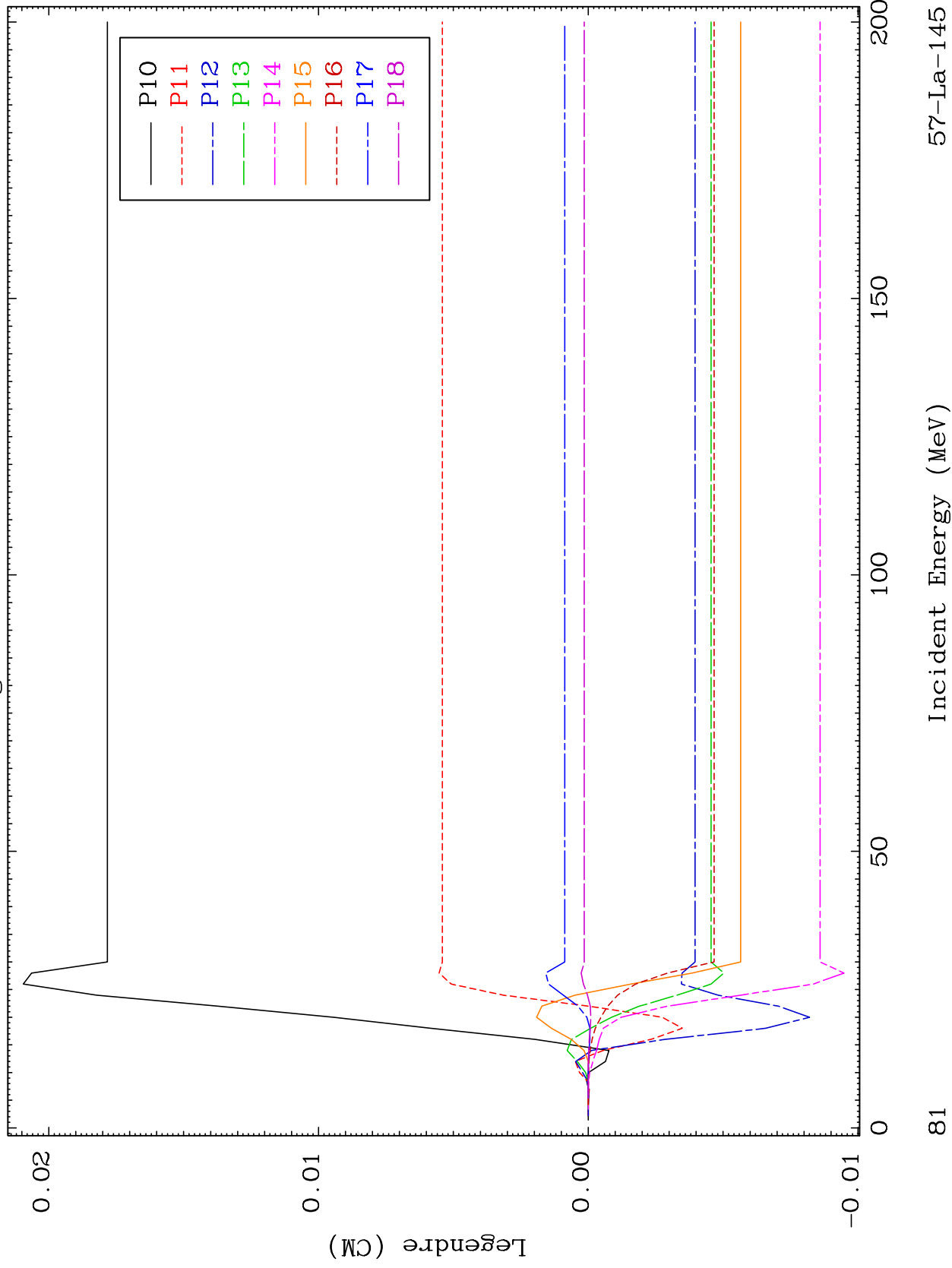
57-La-145

Incident Energy (MeV)

MAT 5746

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

57-La-145



81

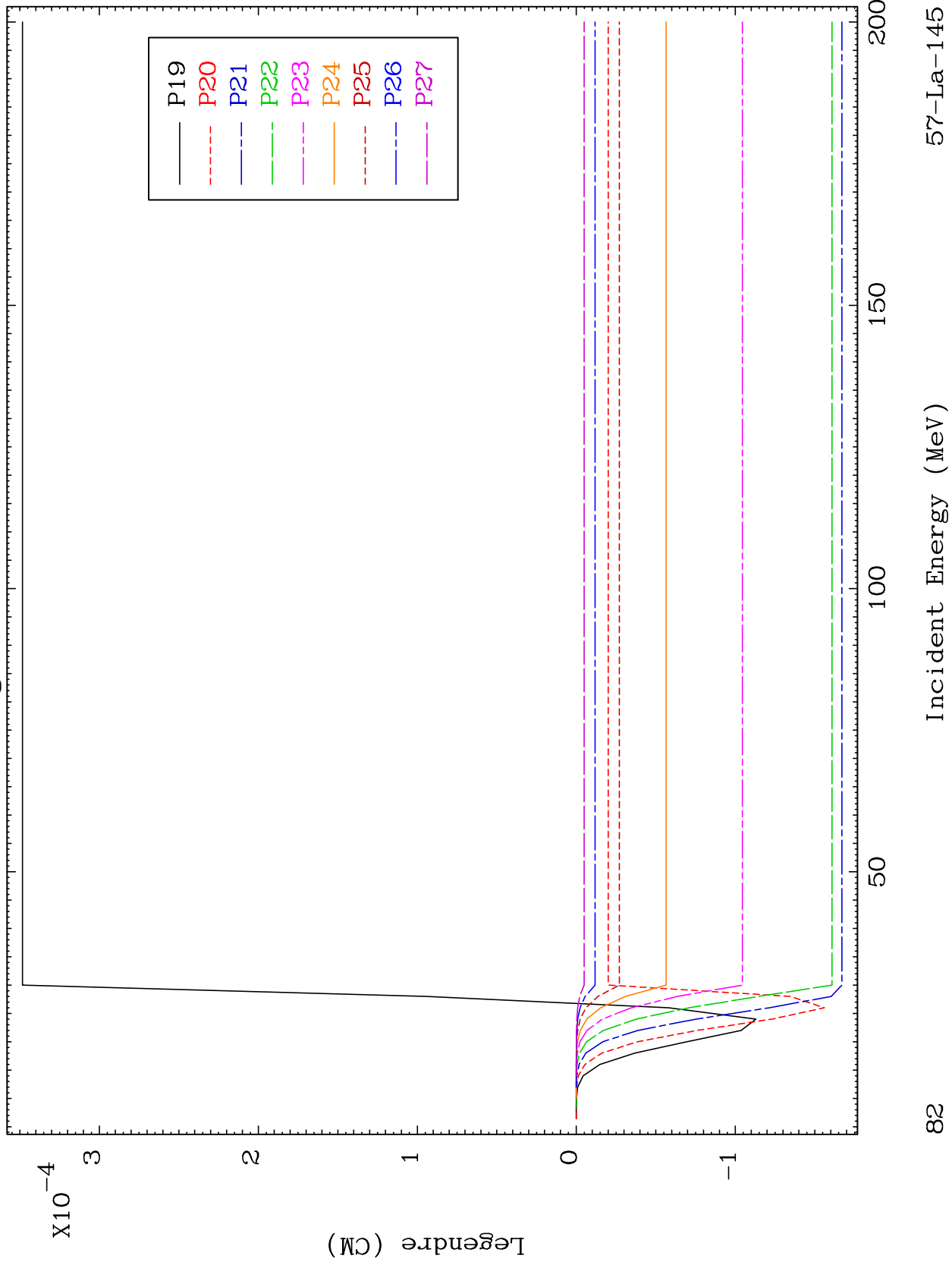
Incident Energy (MeV)

57-La-145

MAT 5746

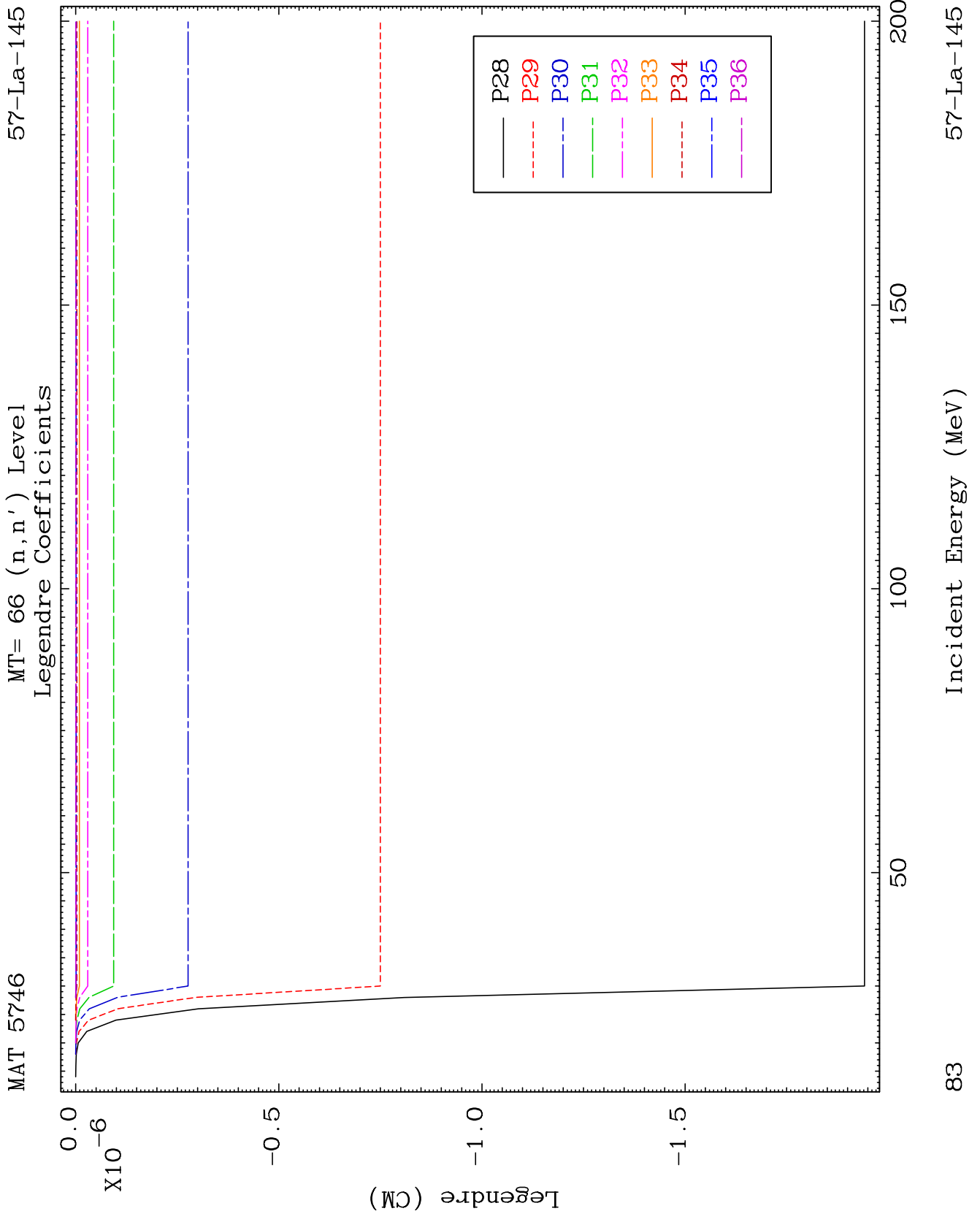
MT= 66 (n,n') Level
Legendre Coefficients

57-La-145



82

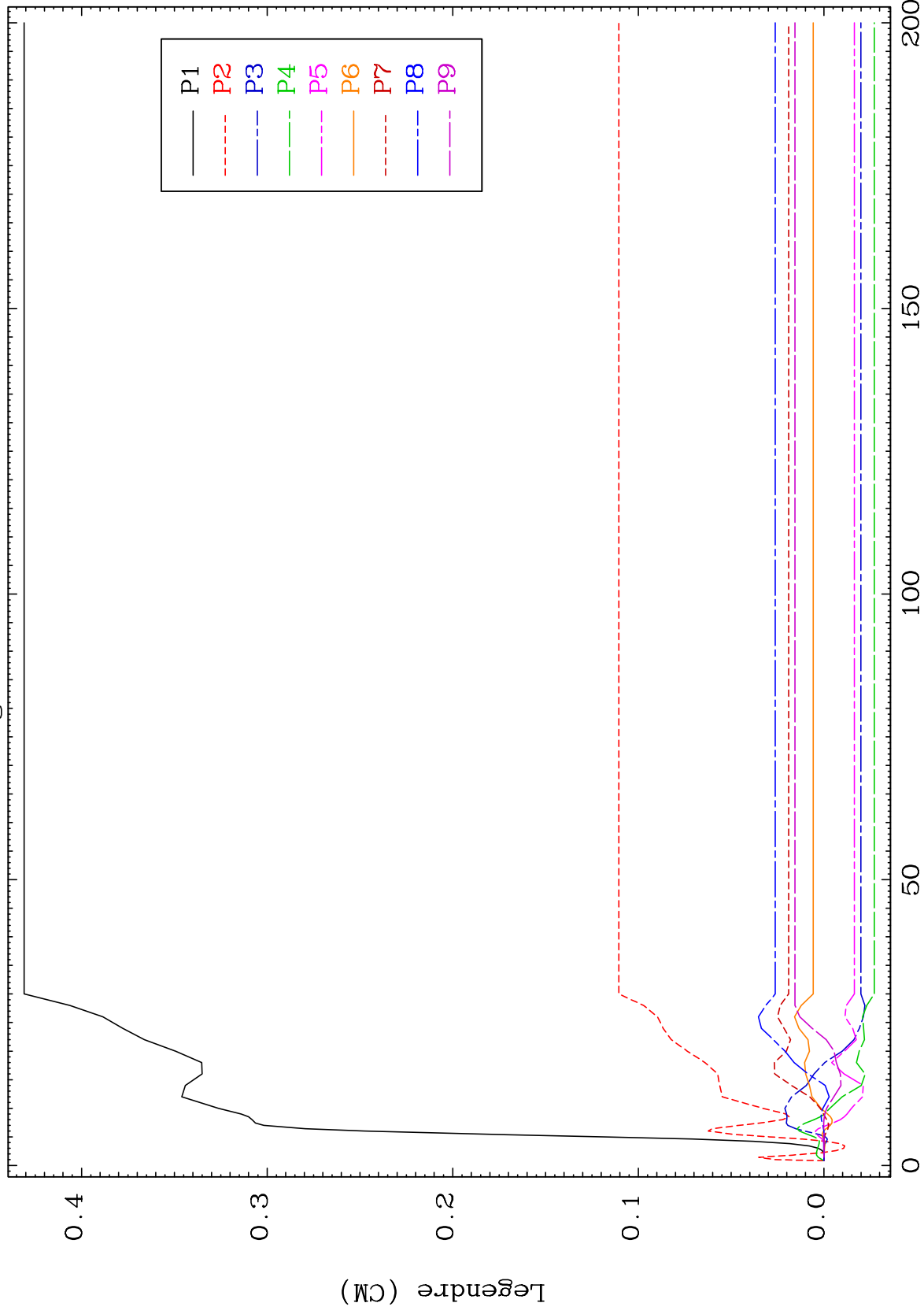
57-La-145



MAT 5746

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

57-La-145



84

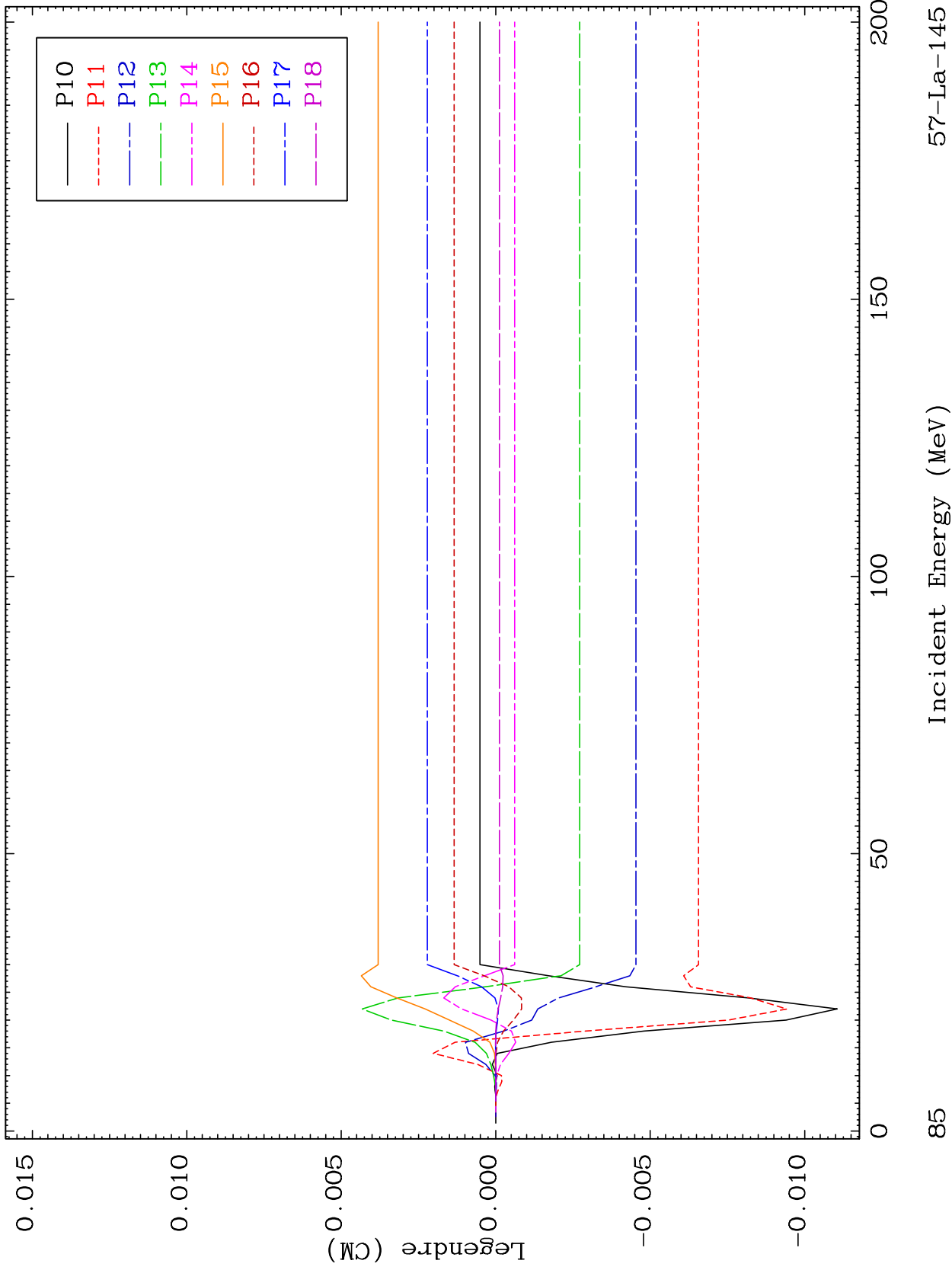
Incident Energy (MeV)

57-La-145

MAT 5746

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

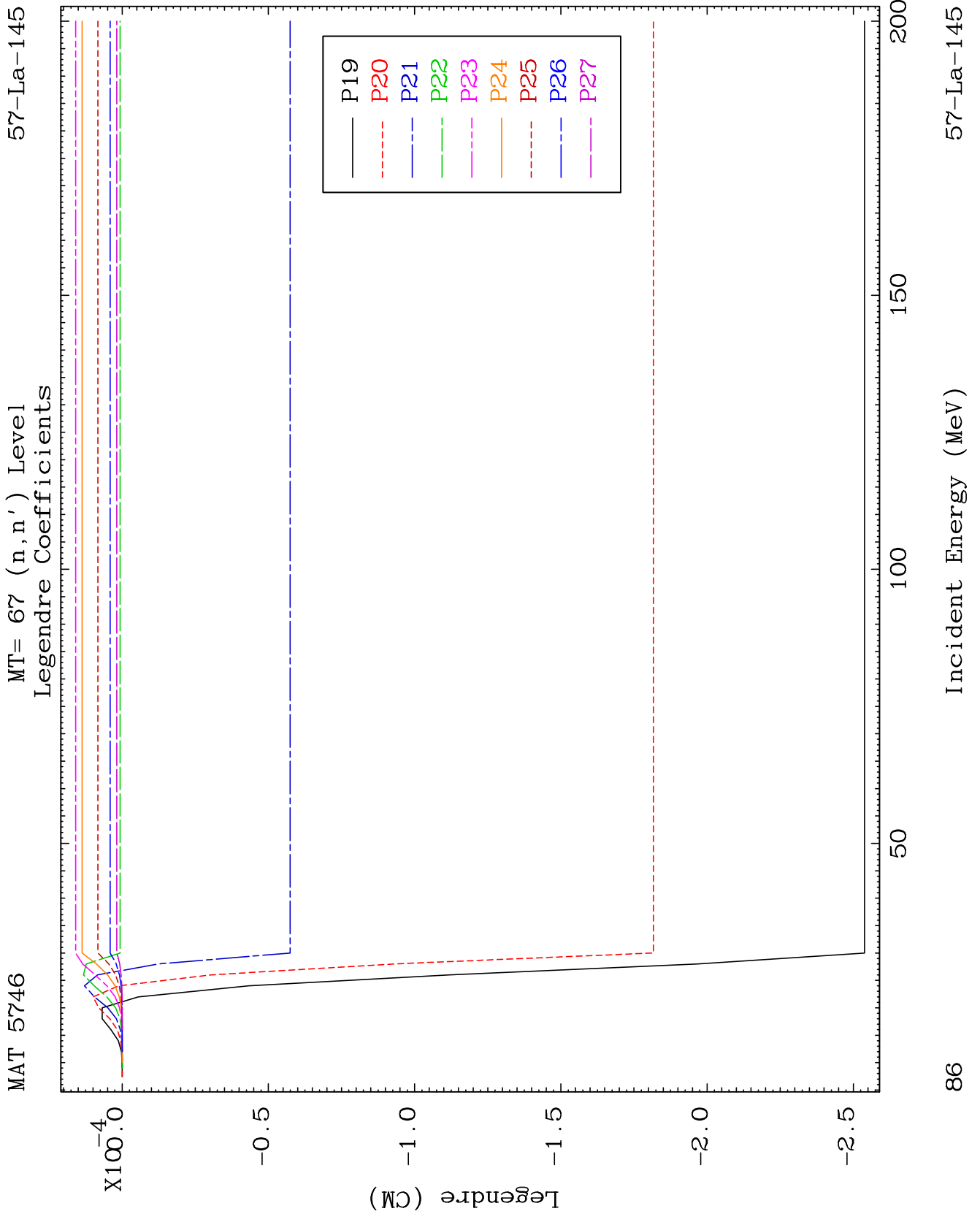
57-La-145



57-La-145

Incident Energy (MeV)

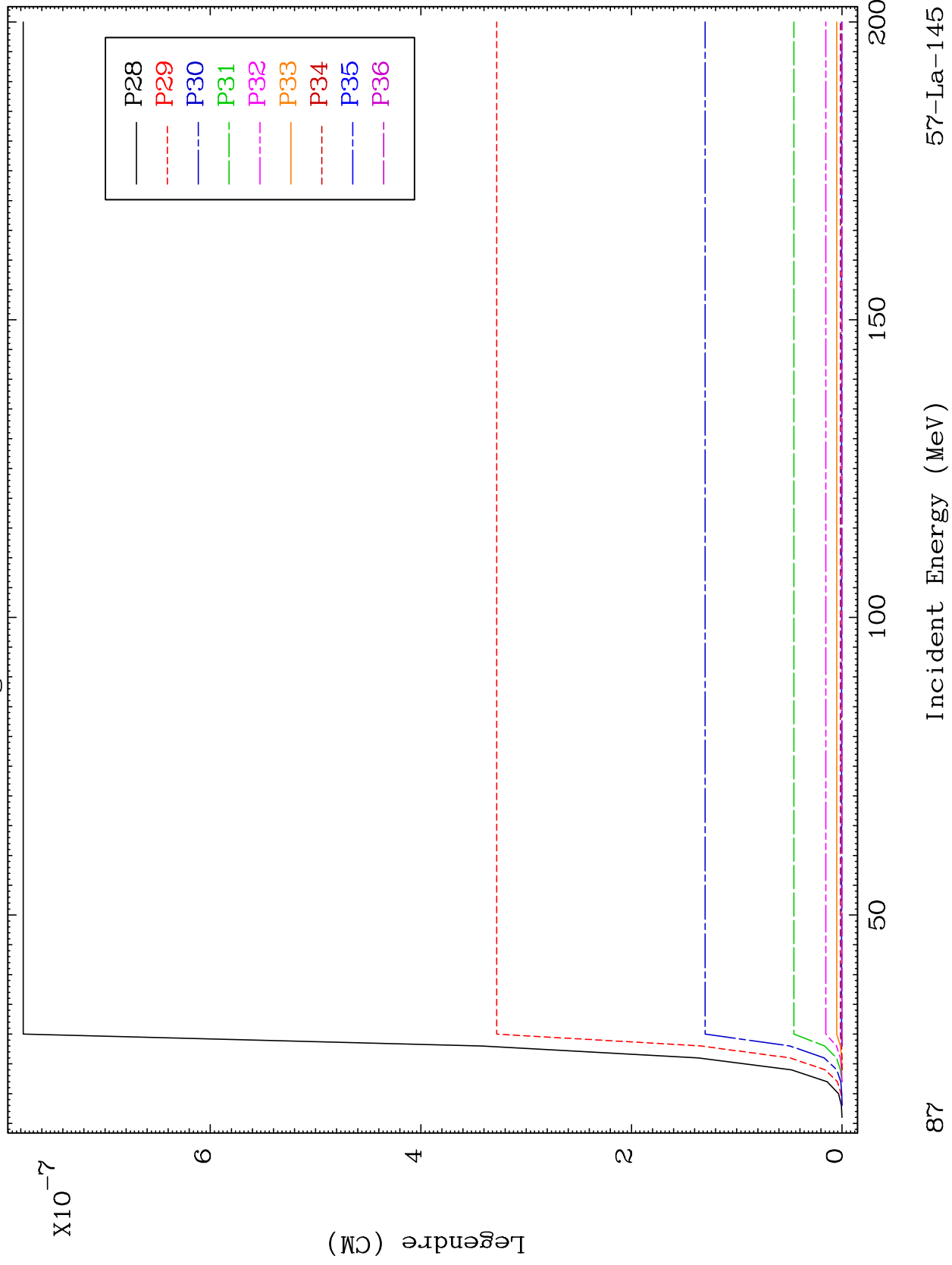
85



MAT 5746

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

57-La-145



87

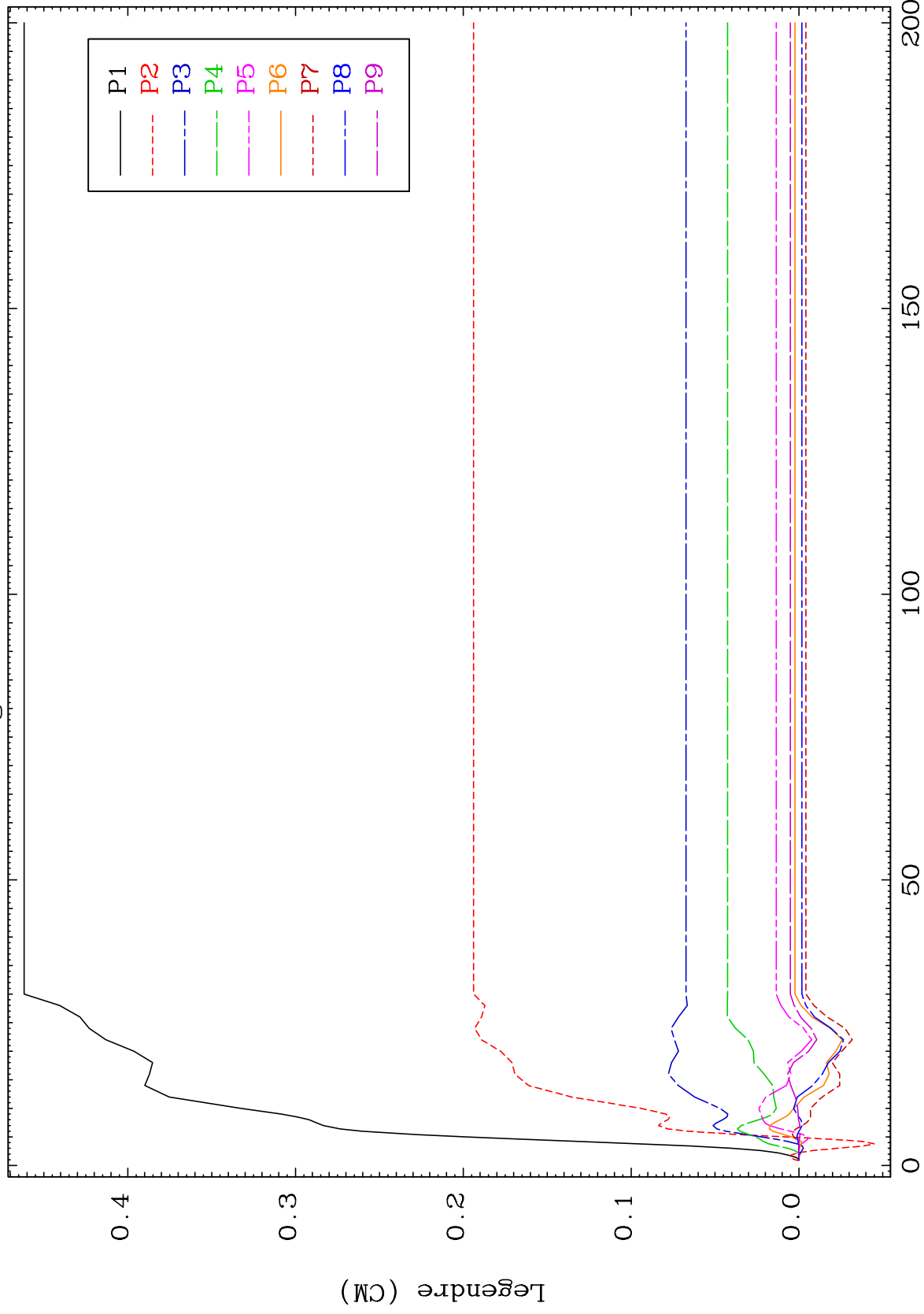
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



88

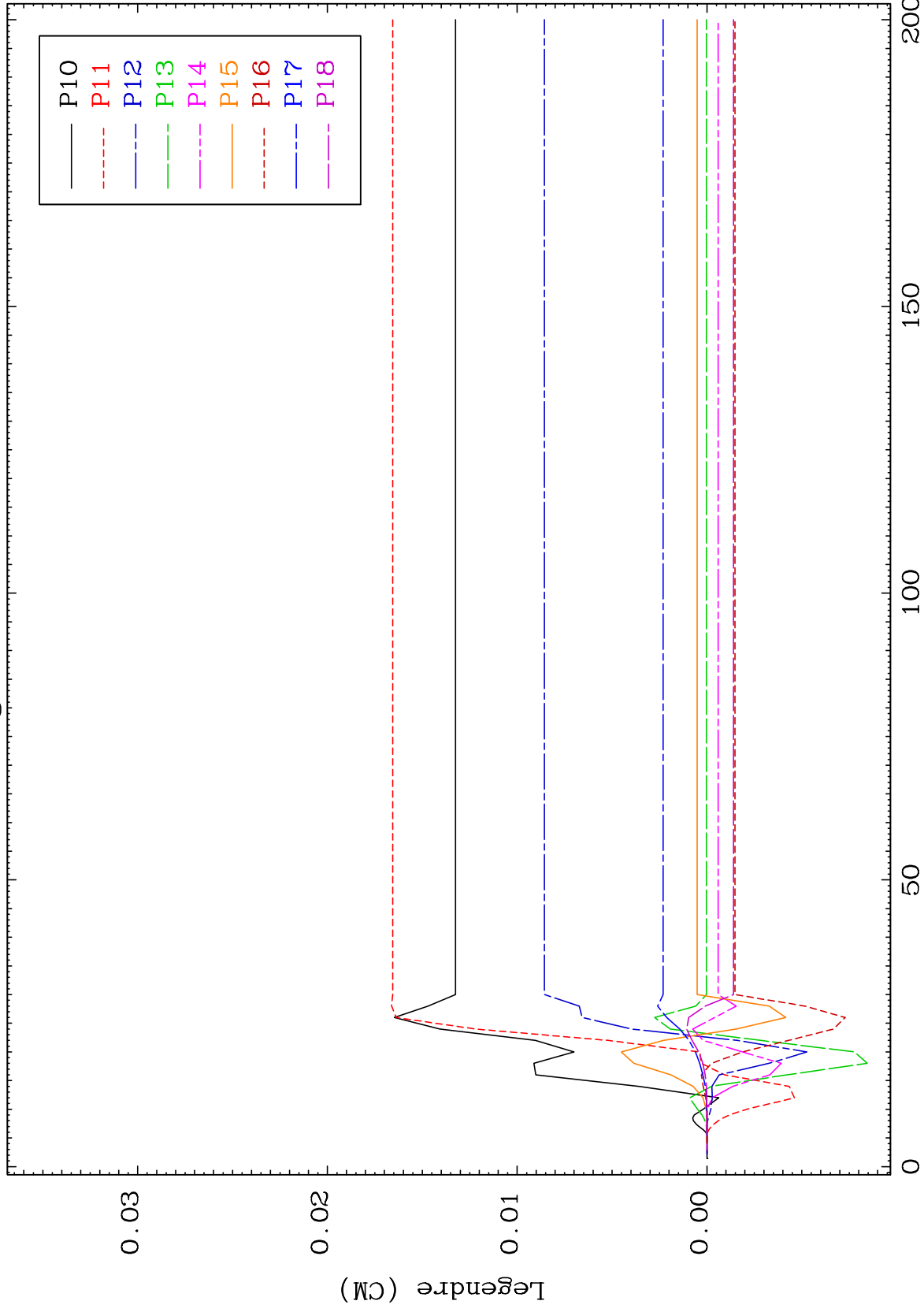
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



89

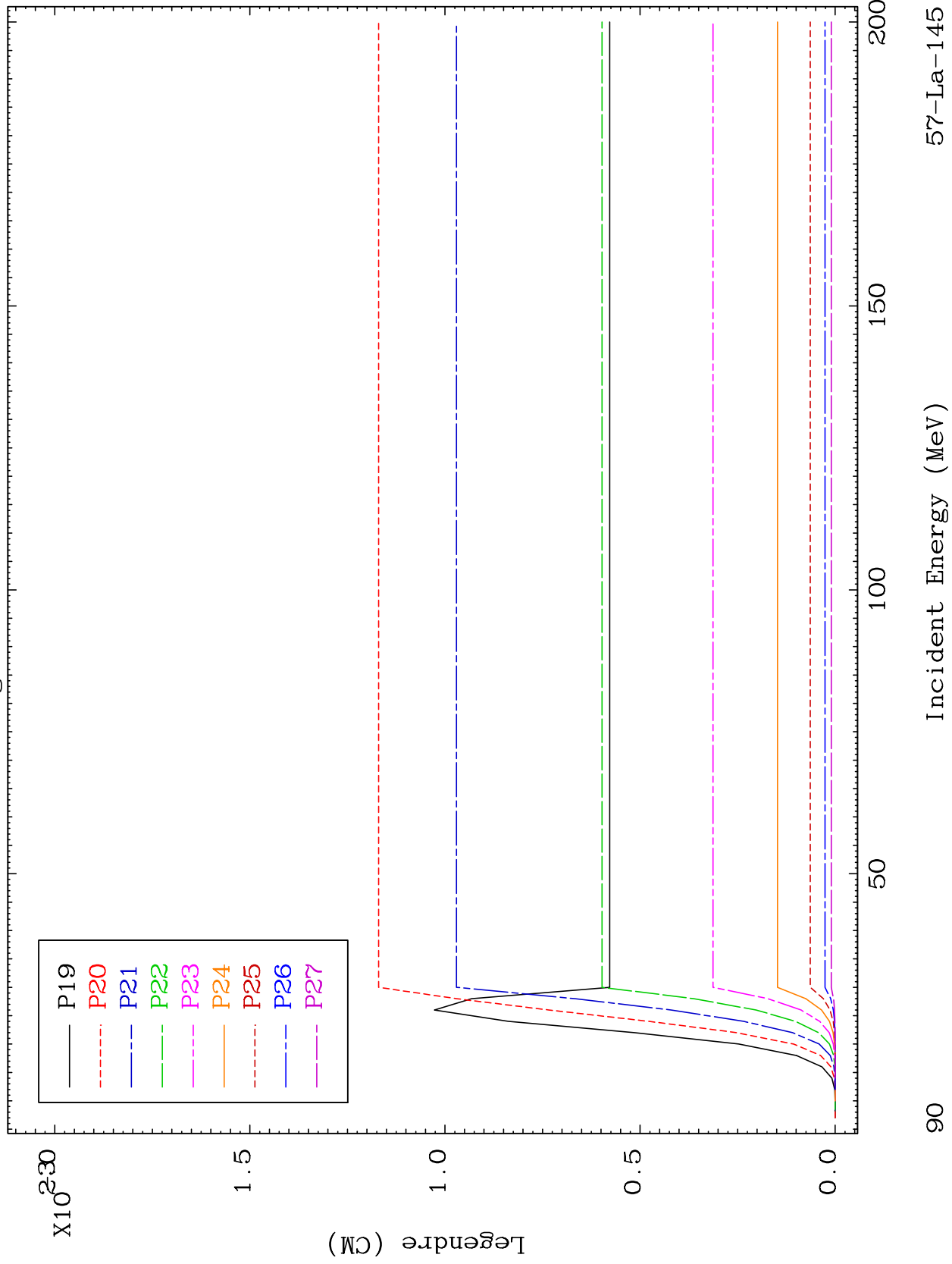
Incident Energy (MeV)

57-La-145

MAT 5746

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

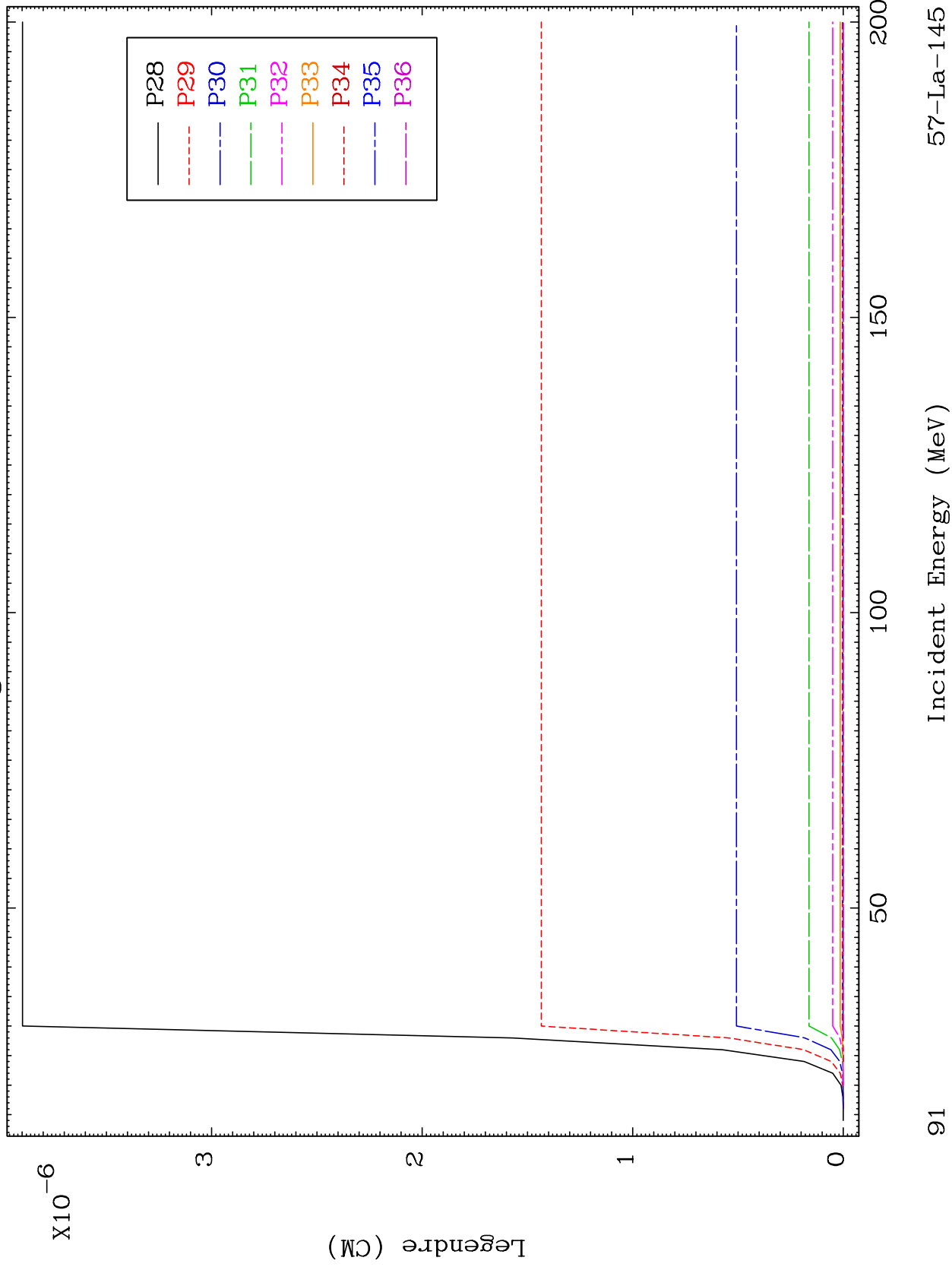
57-La-145



MAT 5746

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

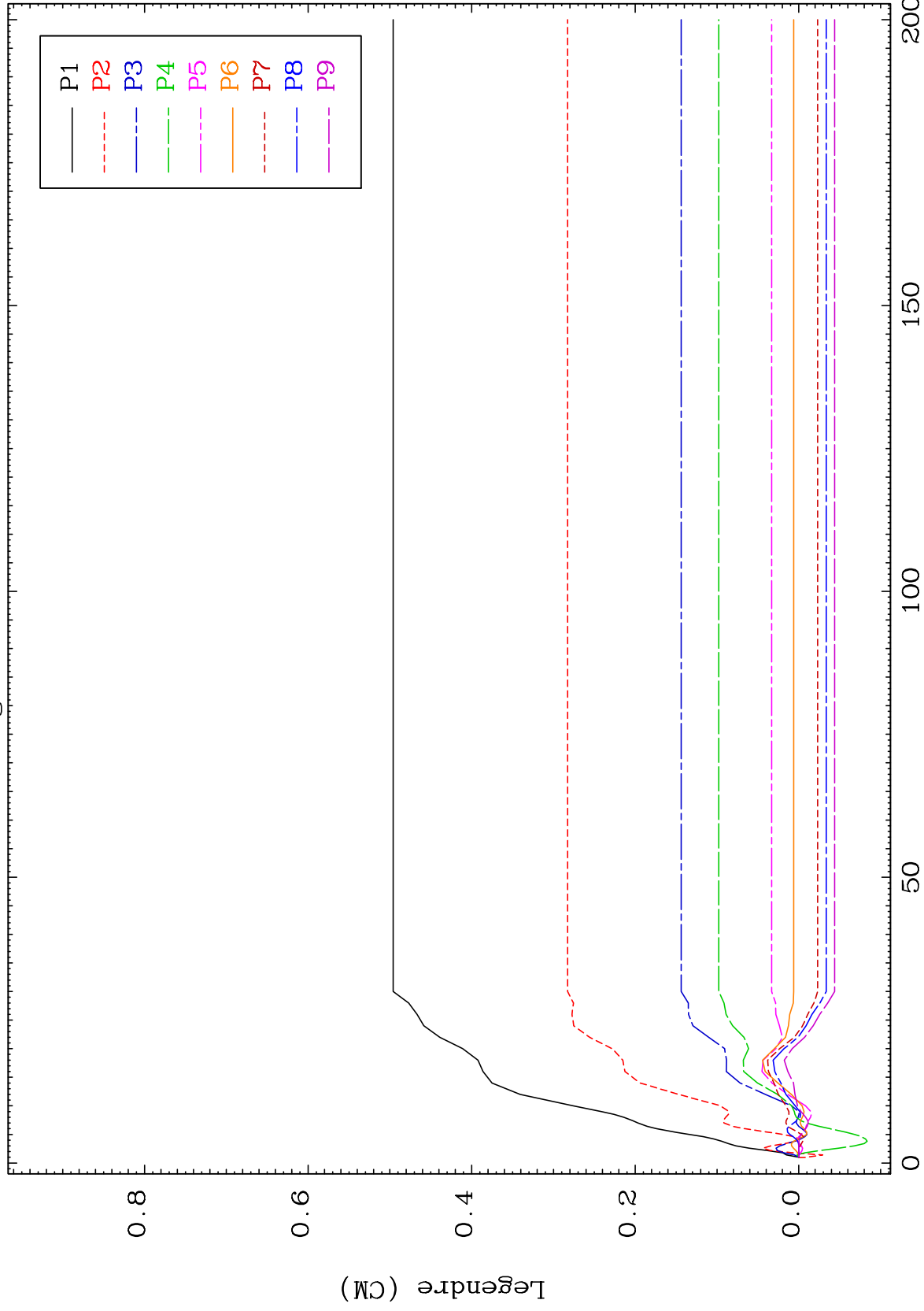
57-La-145



MAT 5746

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

57-La-145



92

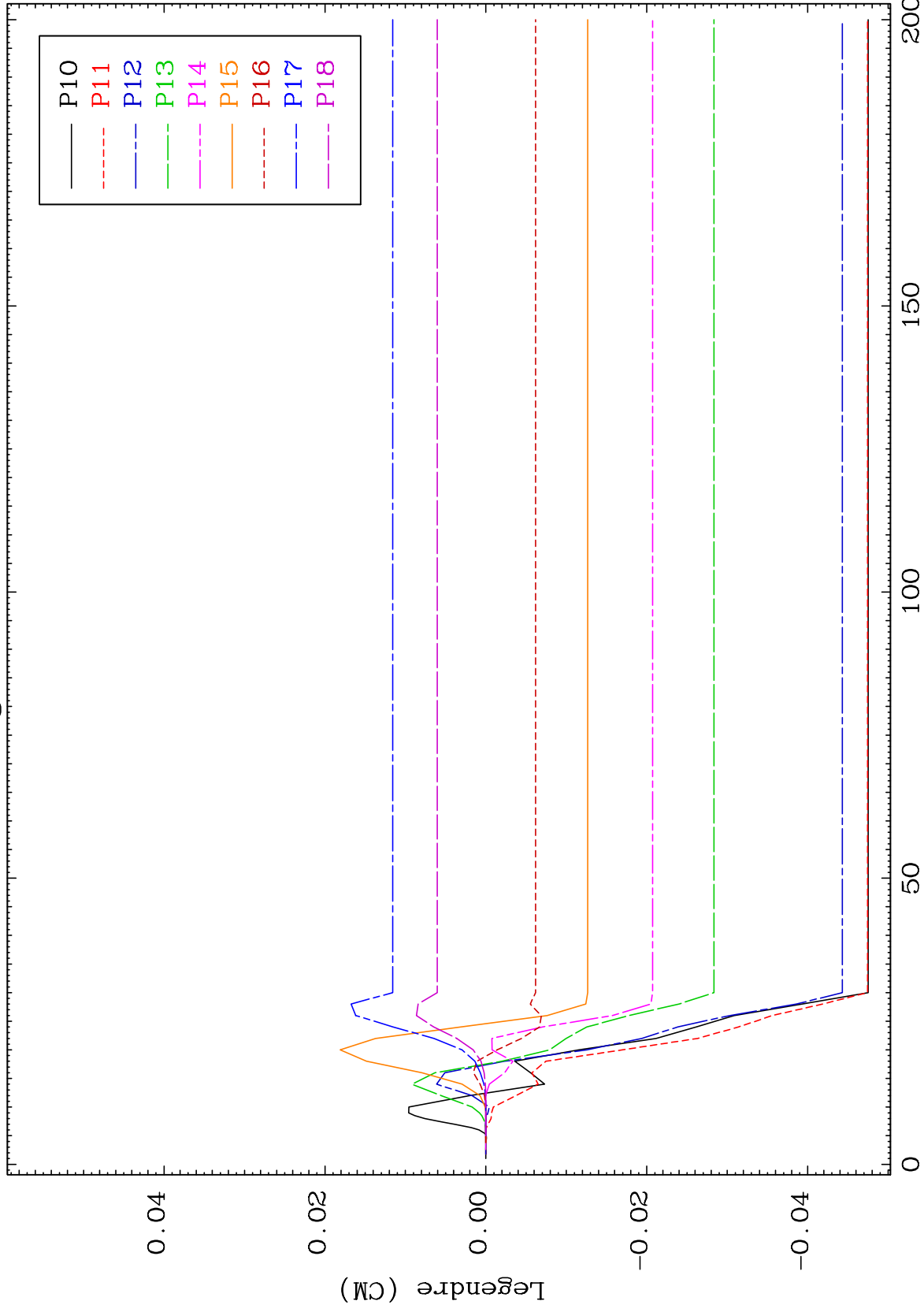
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



93

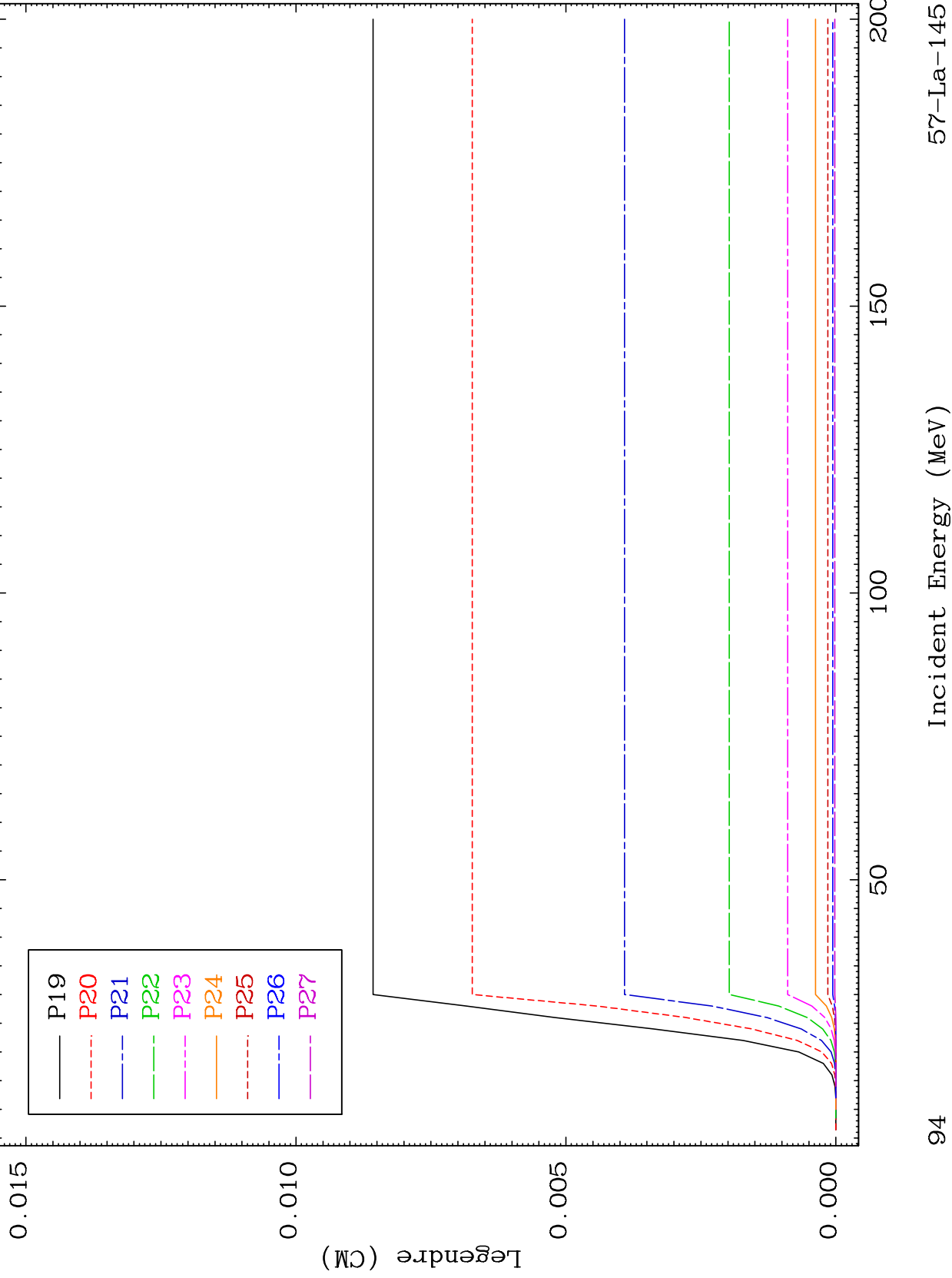
Incident Energy (MeV)

57-La-145

MAT 5746

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

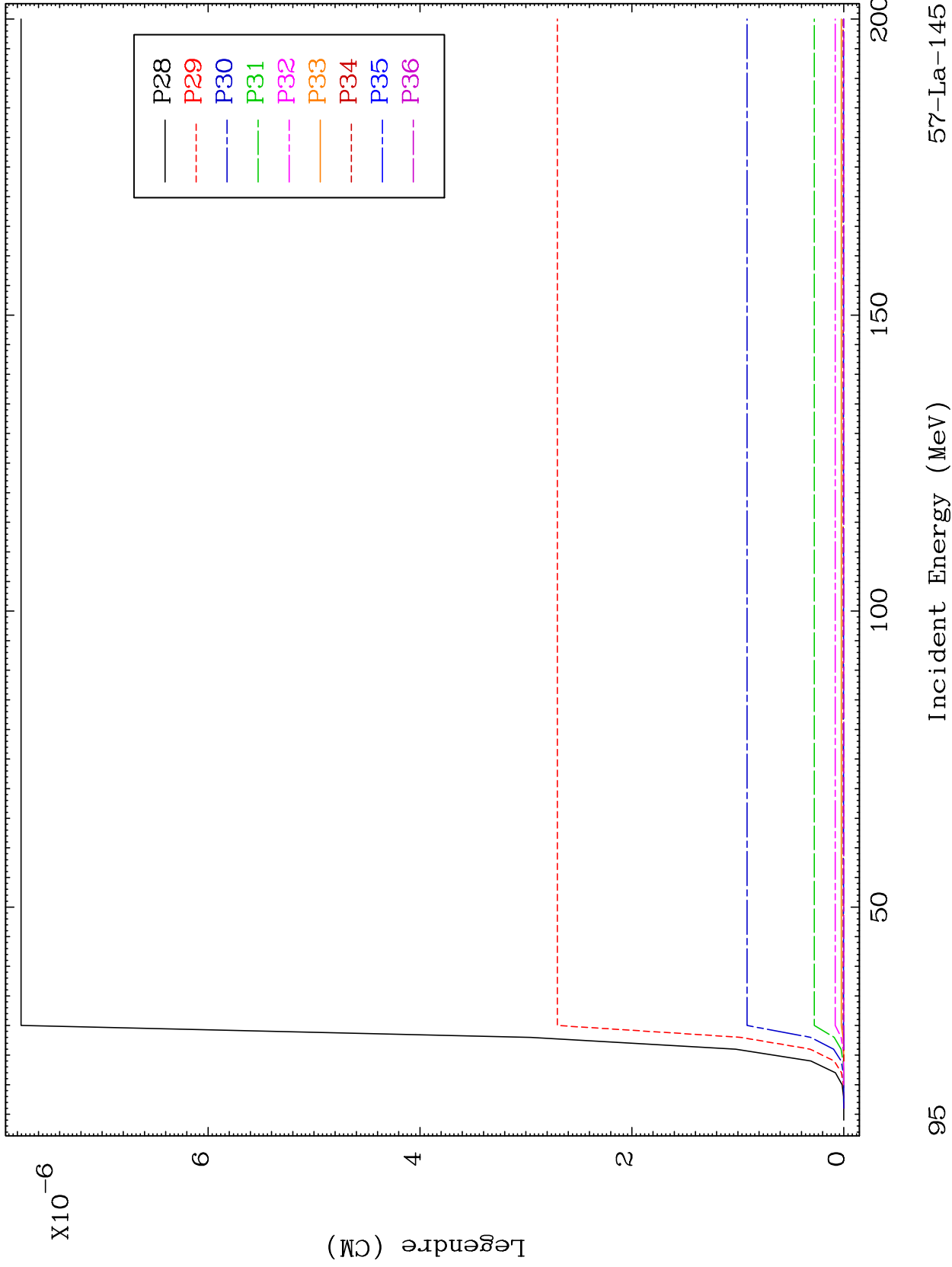
57-La-145



MAT 5746

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

57-La-145



95

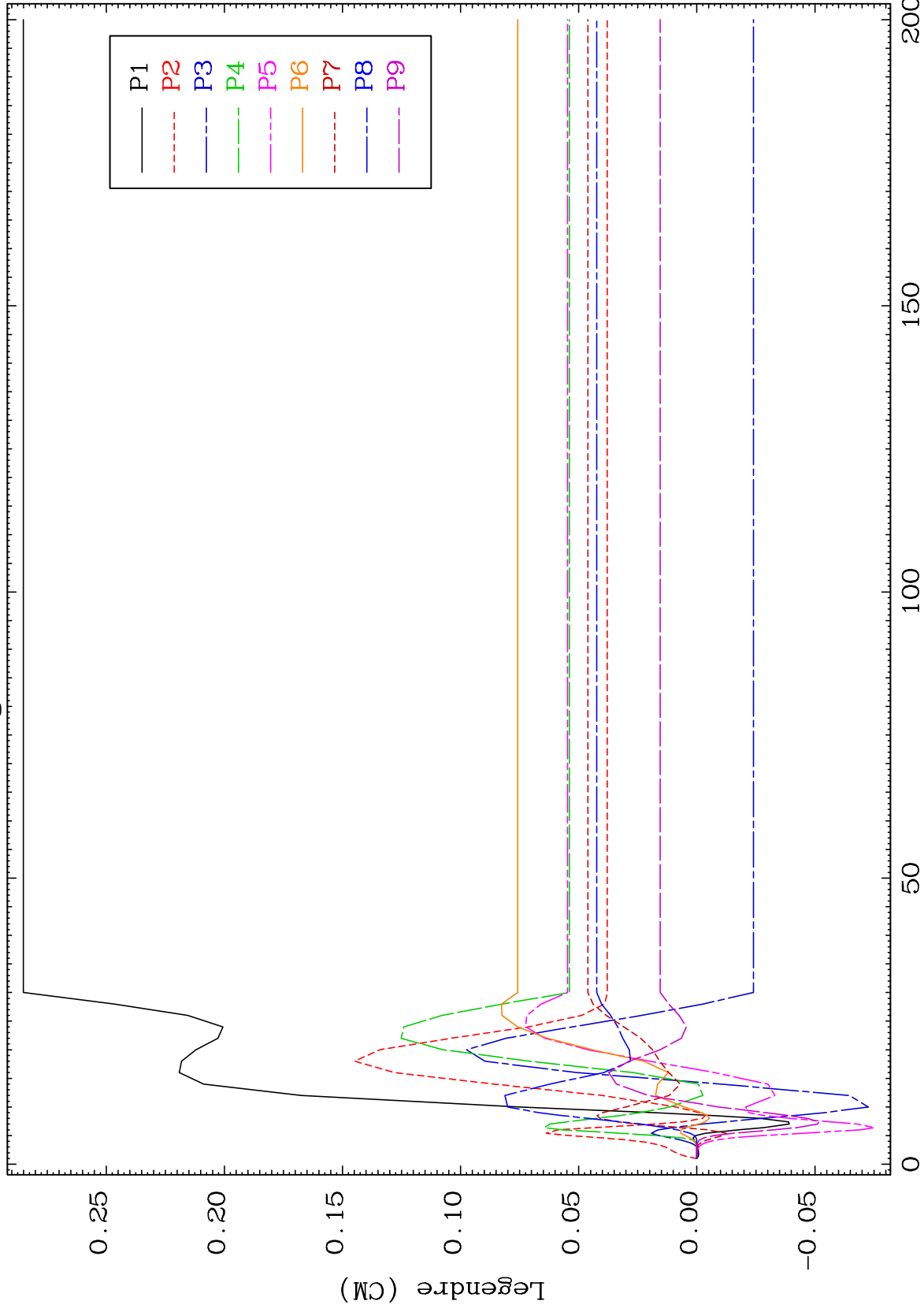
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



96

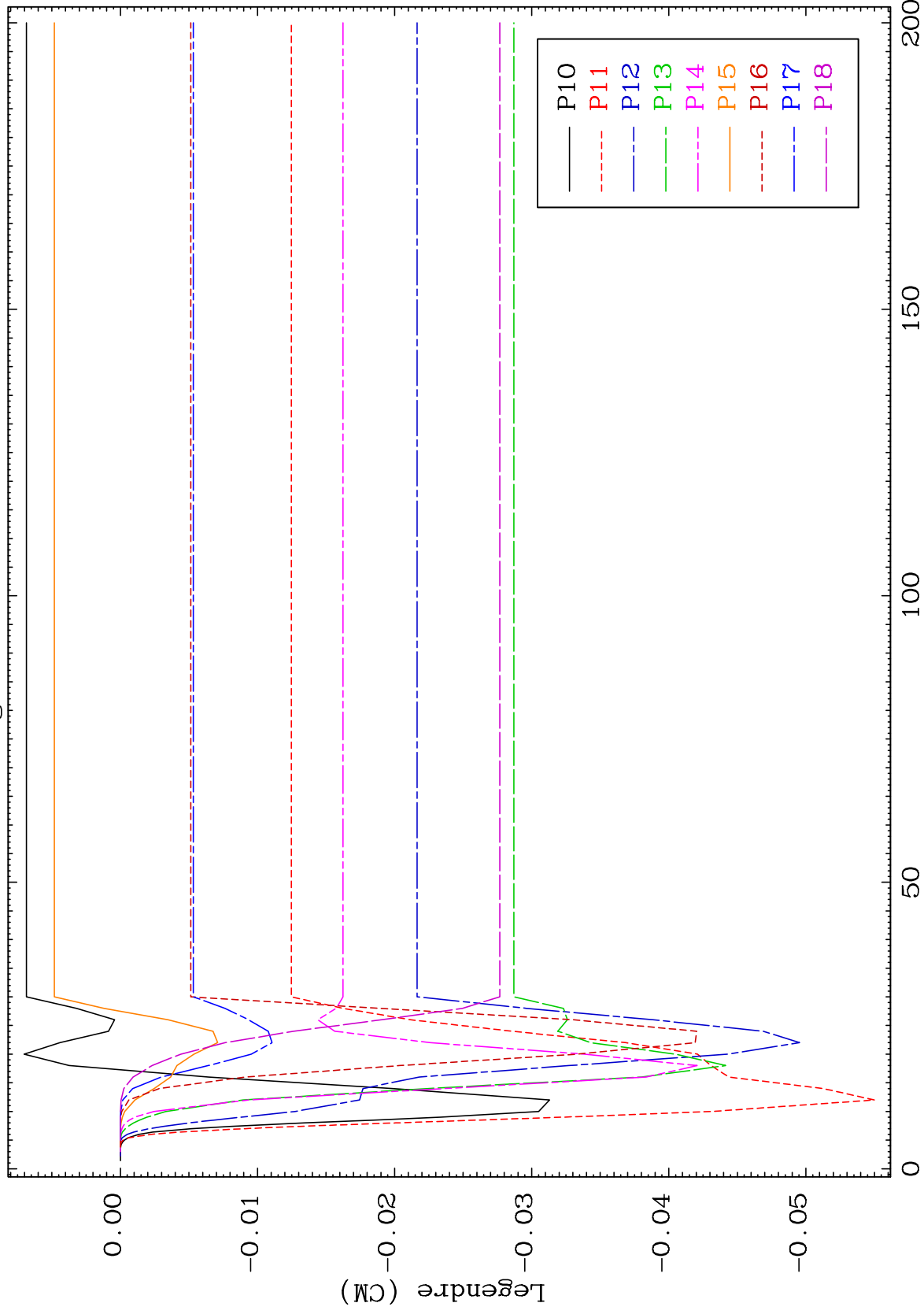
Incident Energy (MeV)

57-La-145

MAT 5746

57-La-145

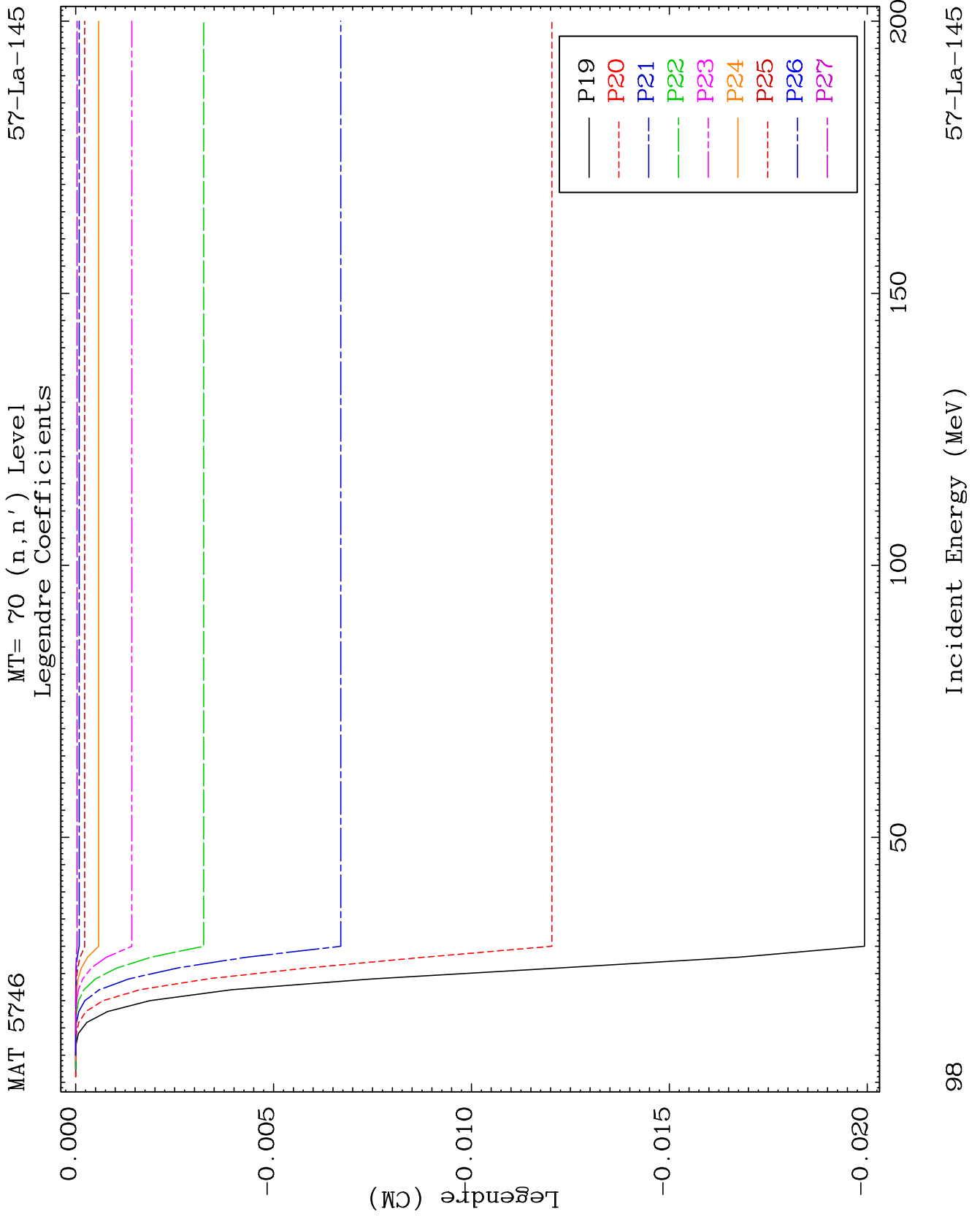
MT= 70 (n,n') Level
Legendre Coefficients

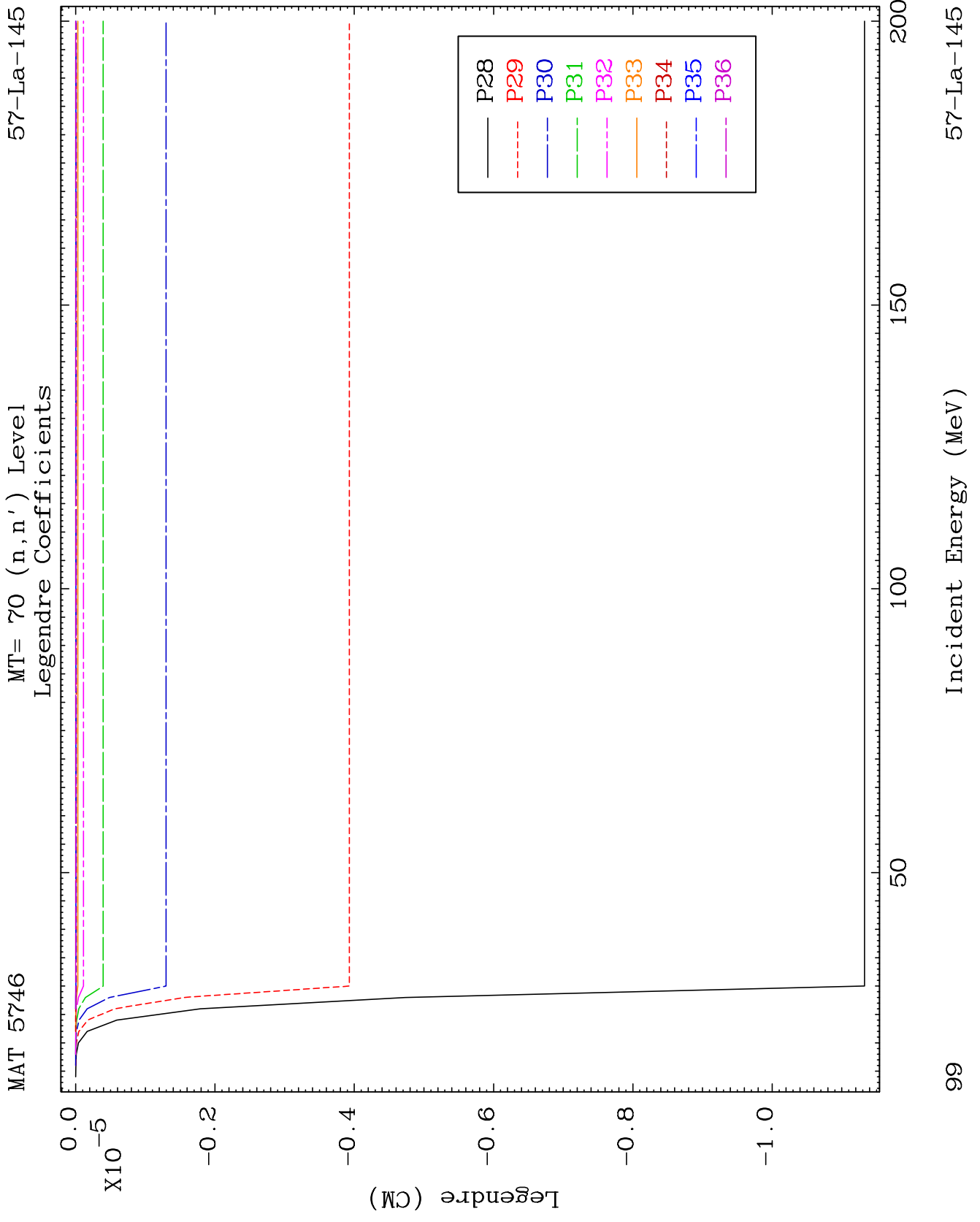


97

Incident Energy (MeV)

57-La-145

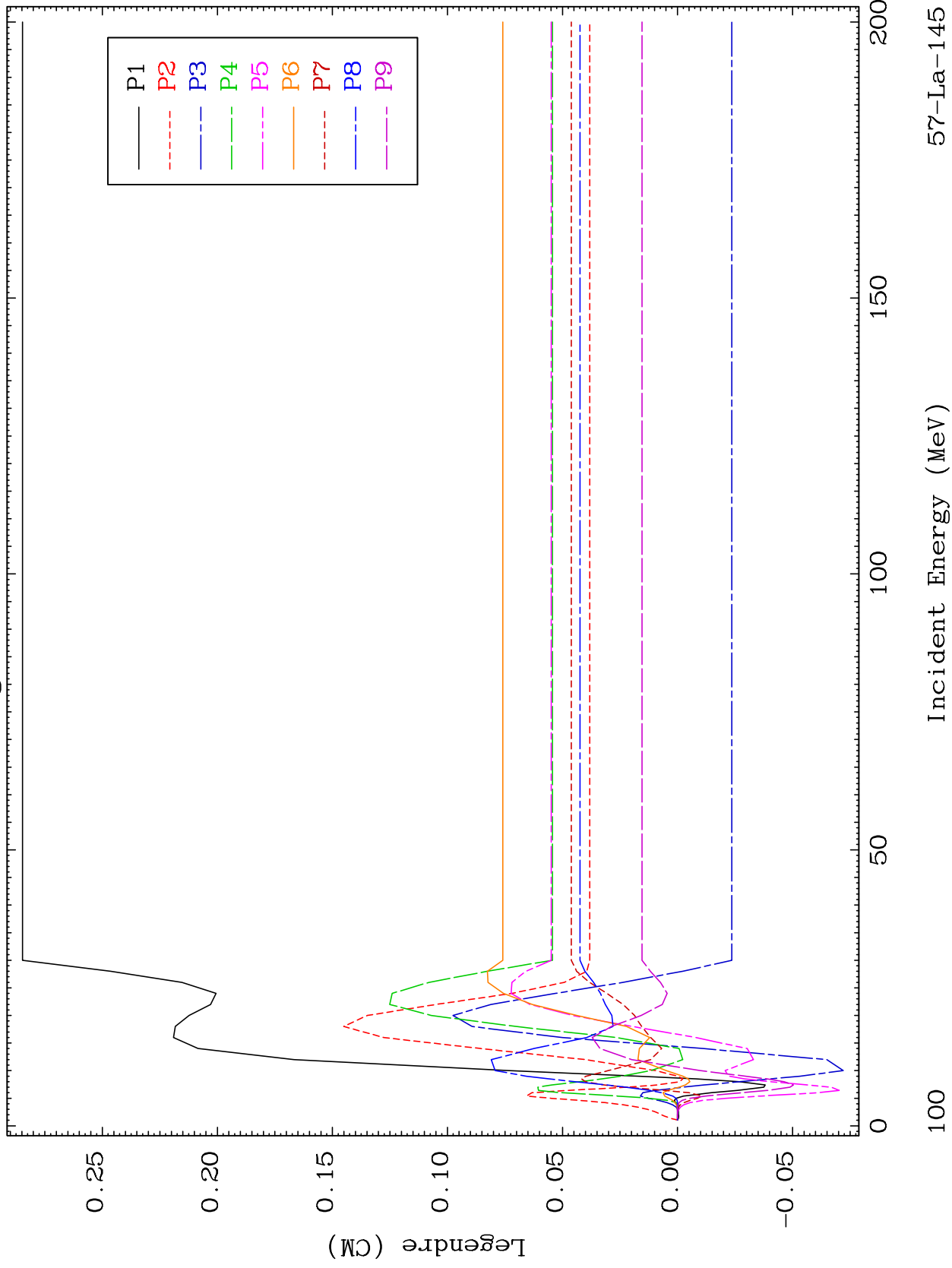




MAT 5746

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

57-La-145



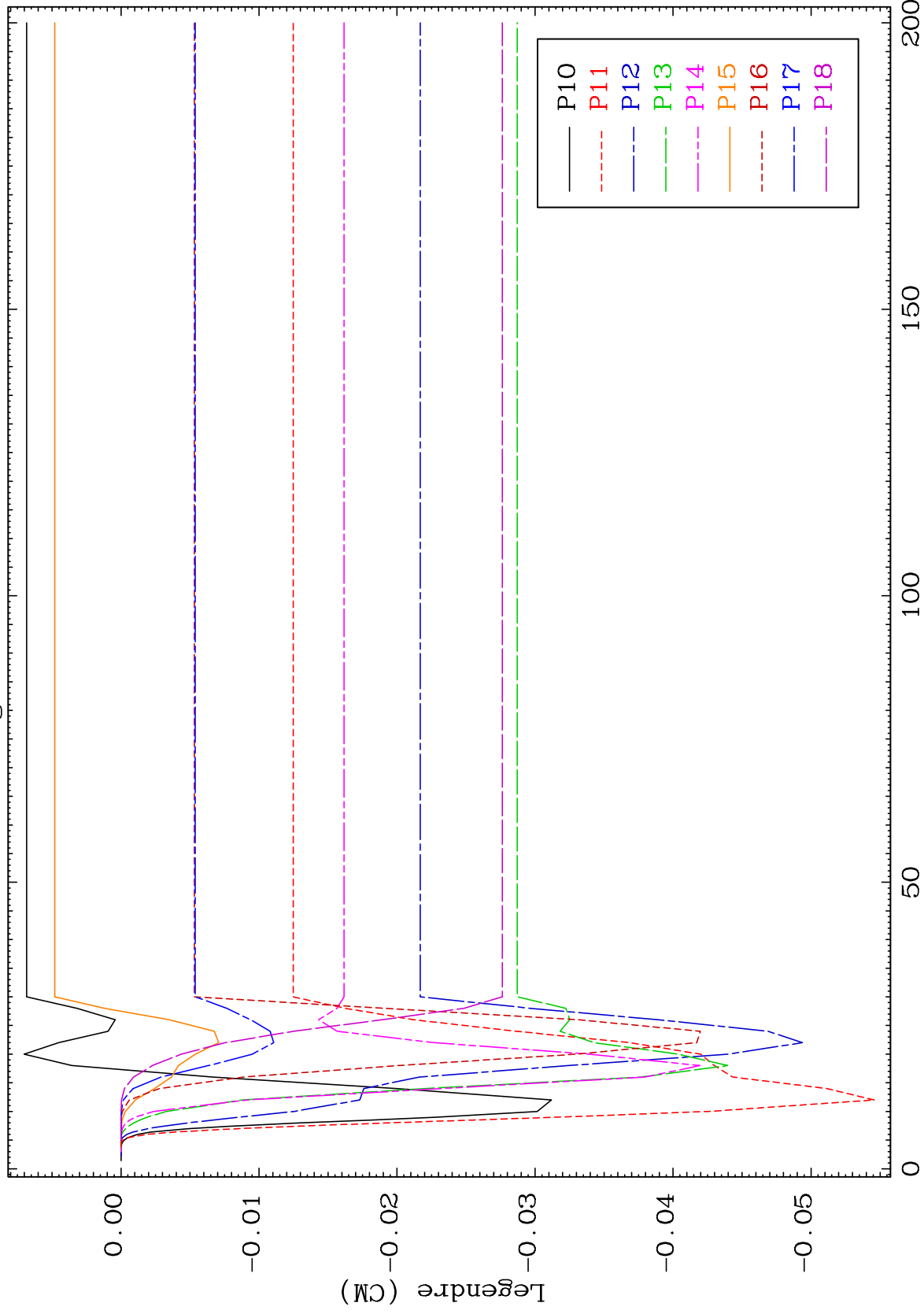
57-La-145

Incident Energy (MeV)

MAT 5746

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

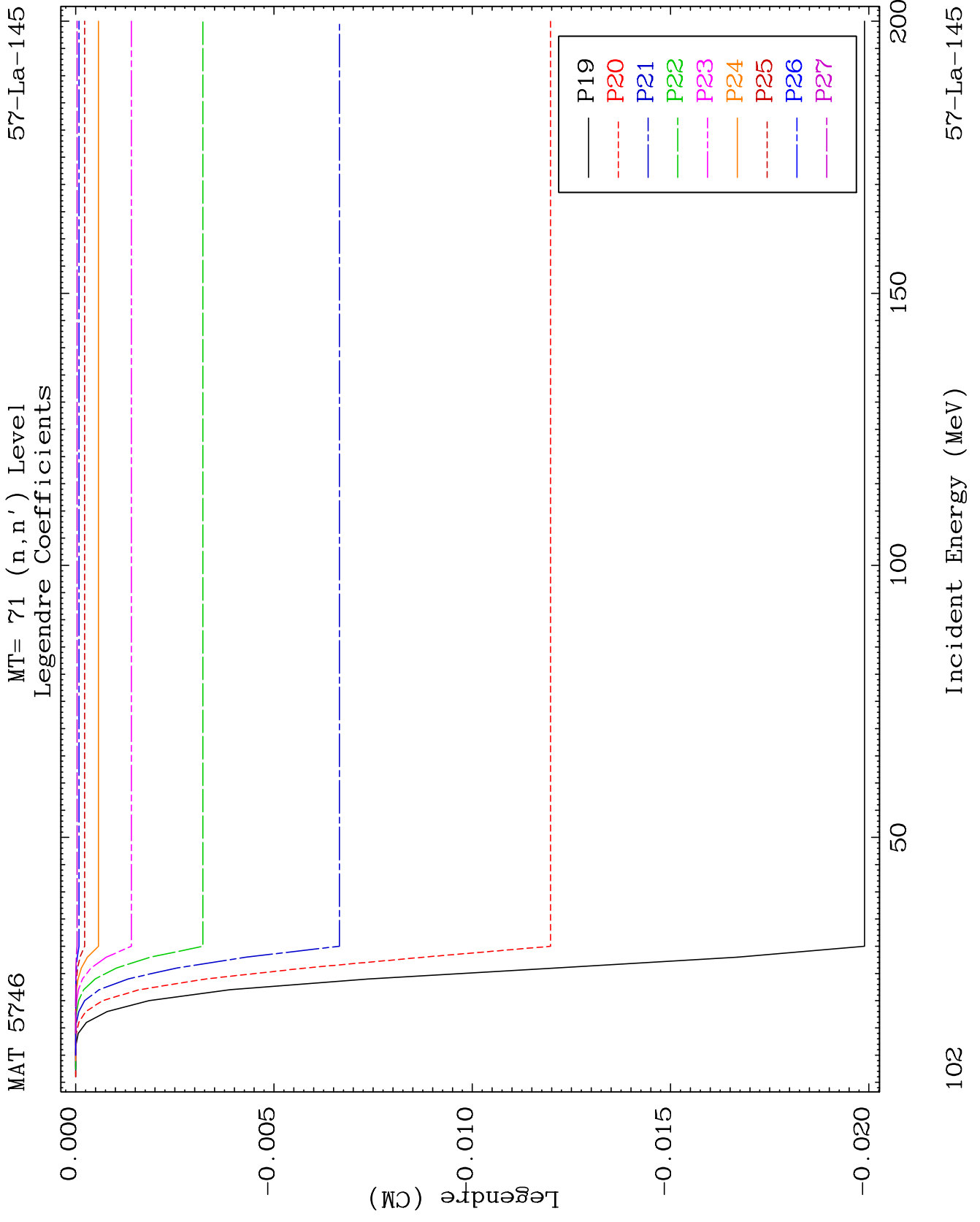
57-La-145

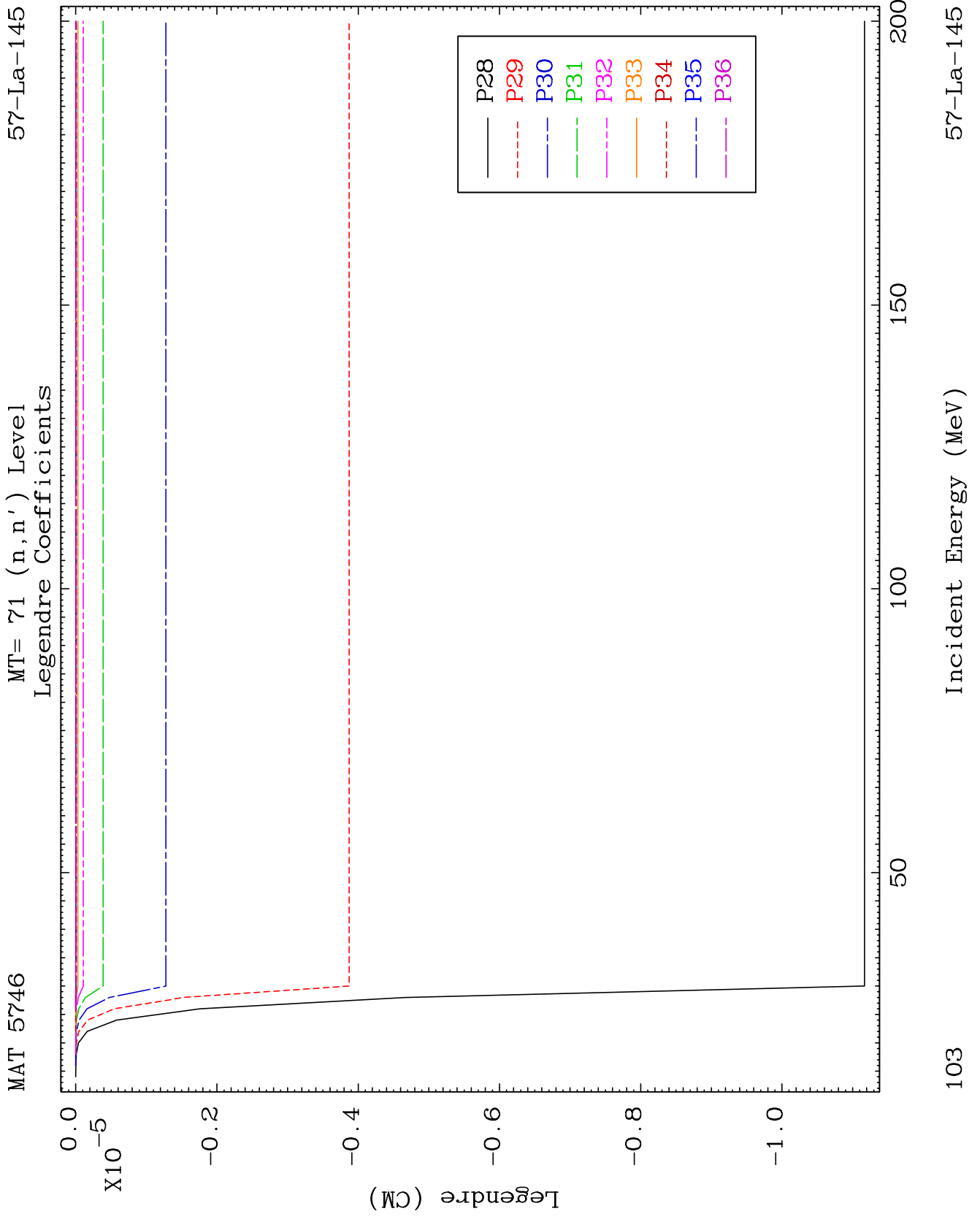


101

Incident Energy (MeV)

57-La-145

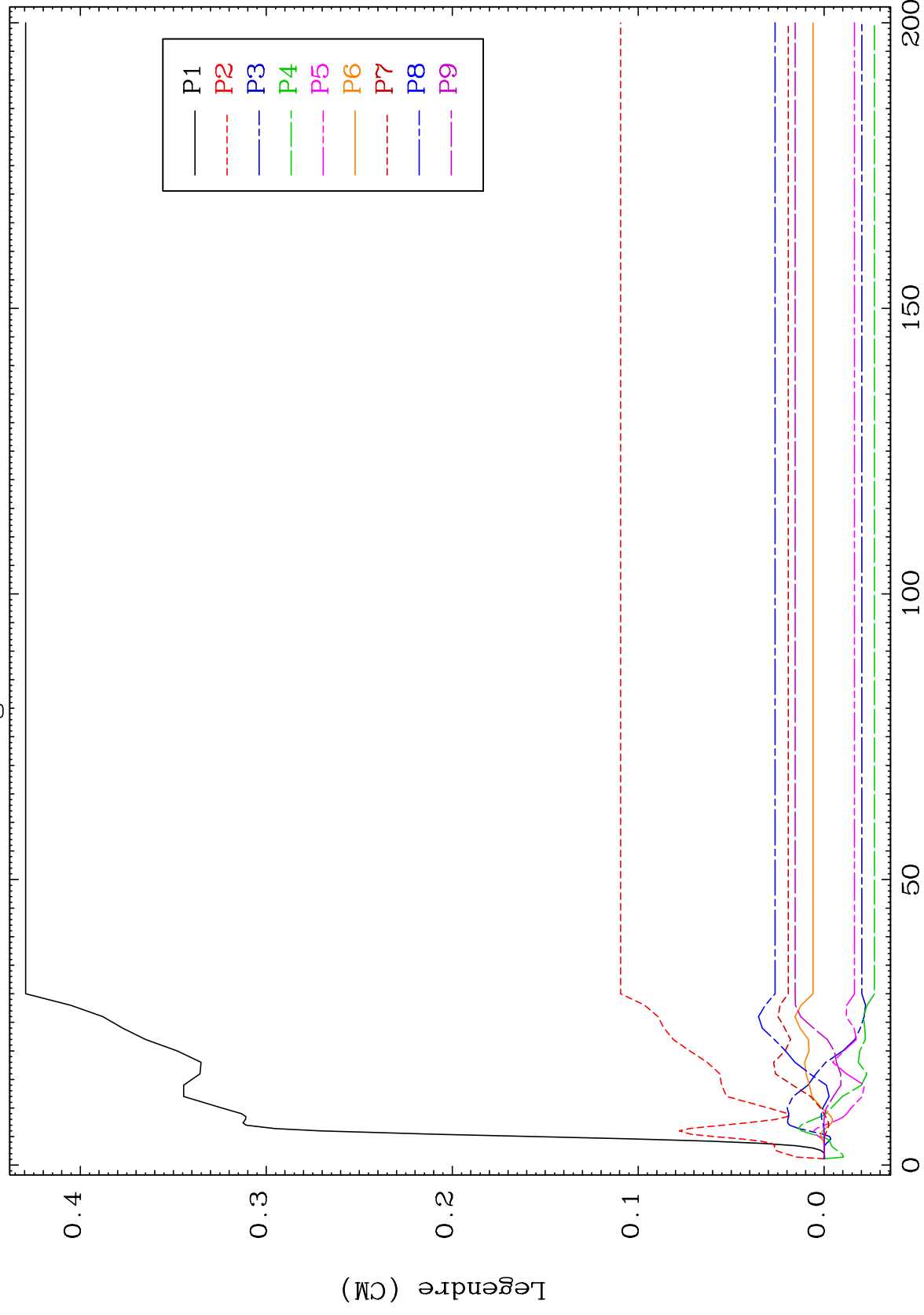




MAT 5746

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

57-La-145



104

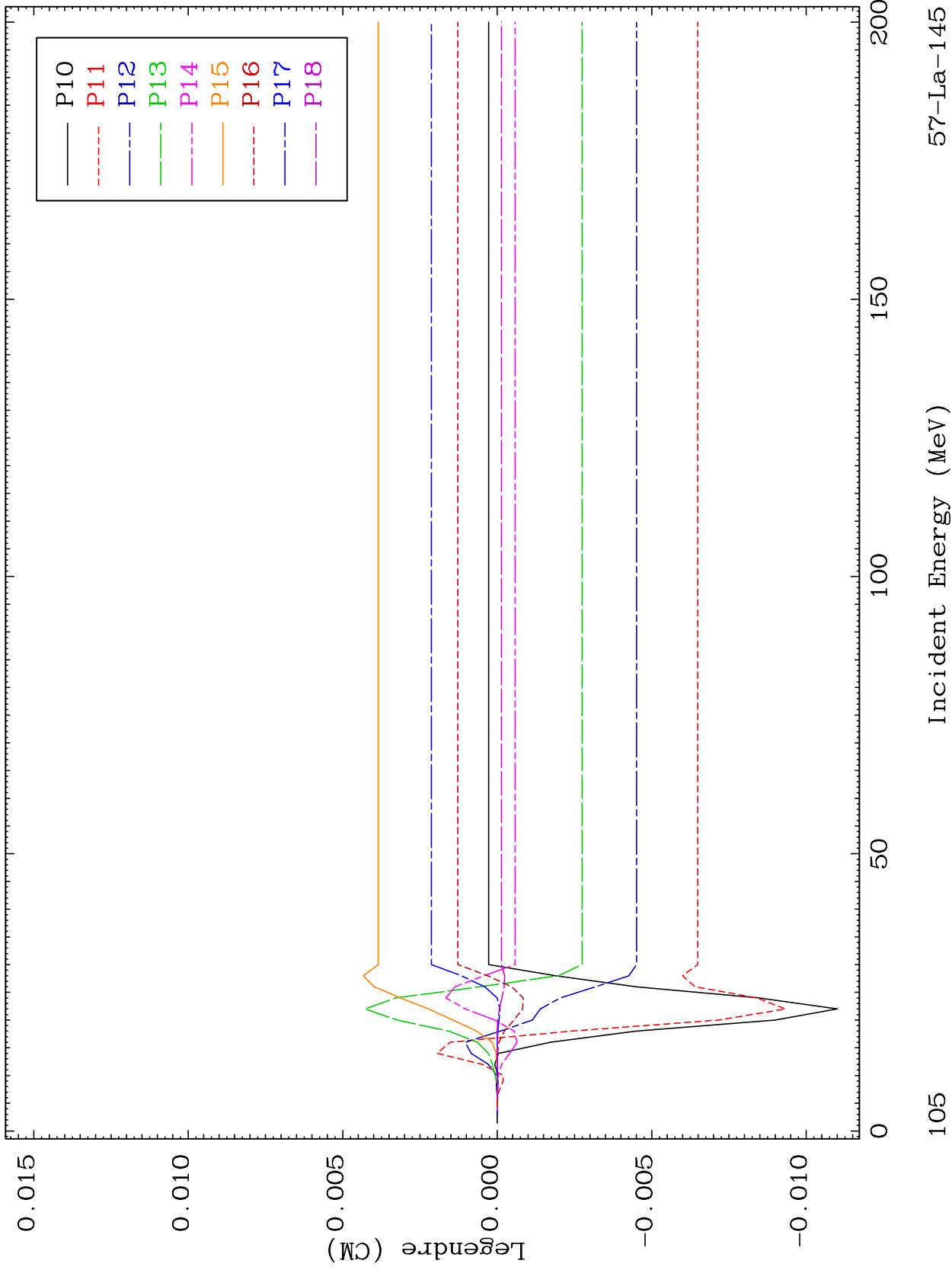
Incident Energy (MeV)

57-La-145

MAT 5746

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

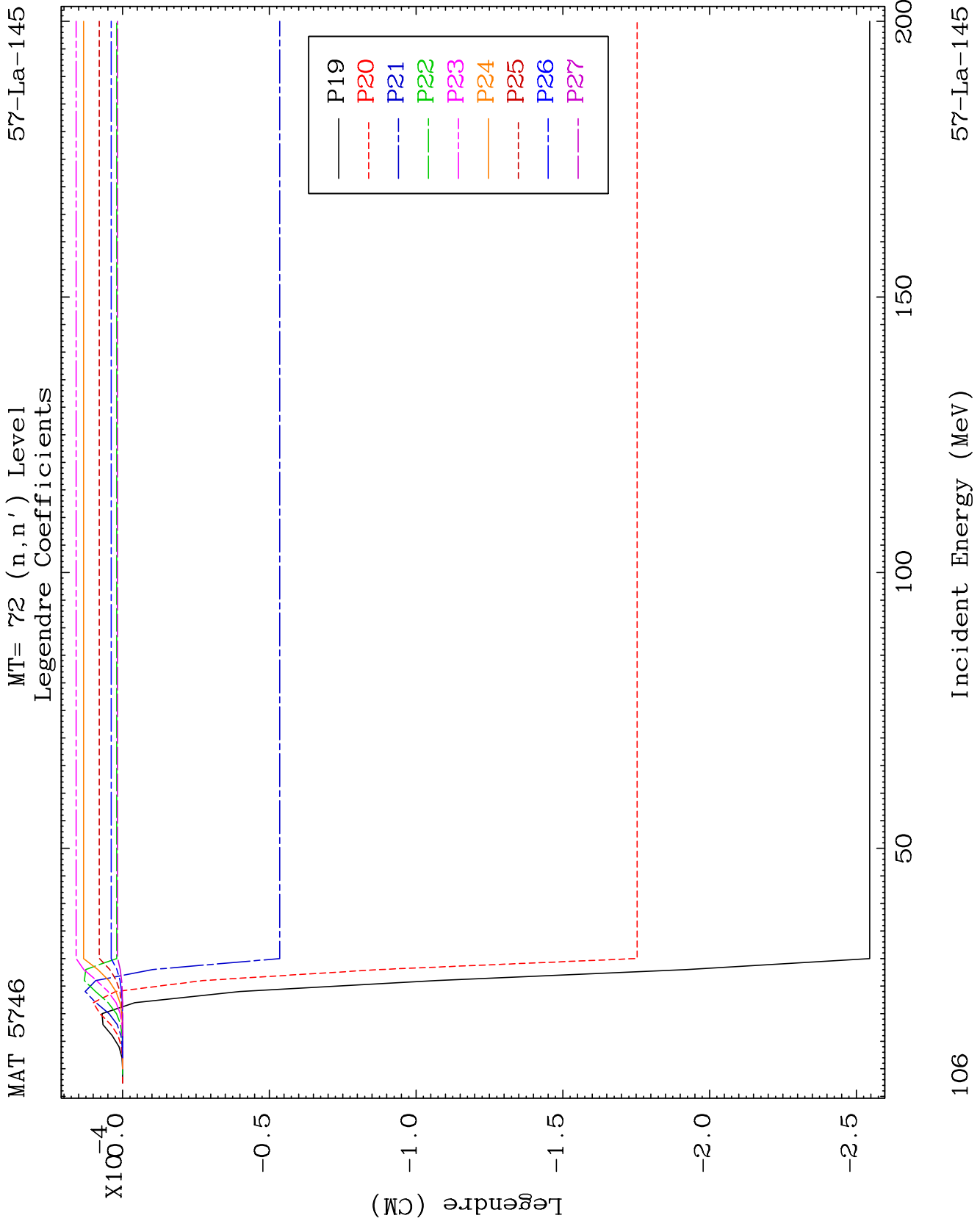
57-La-145



57-La-145

Incident Energy (MeV)

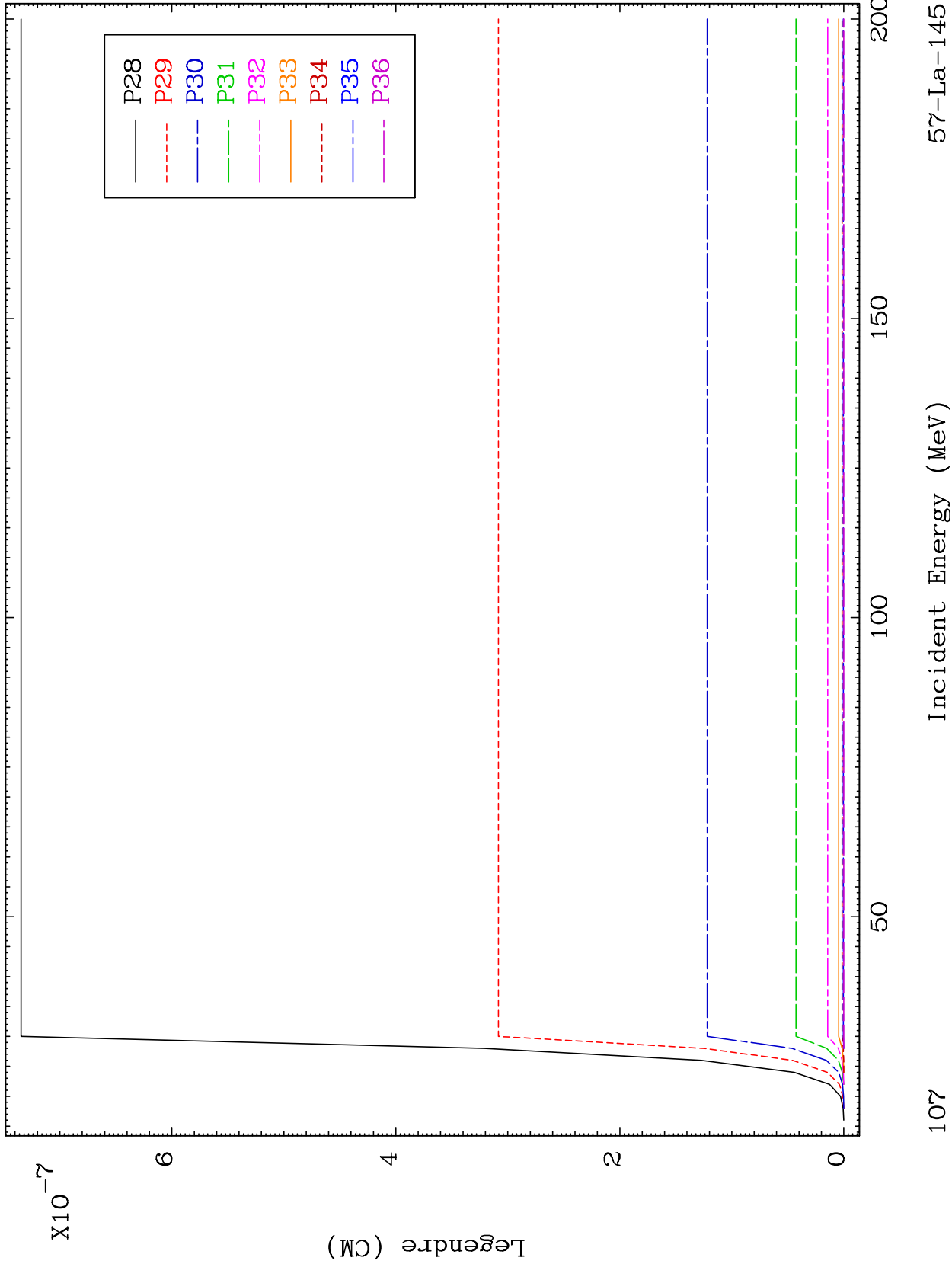
105



MAT 5746

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

57-La-145



107

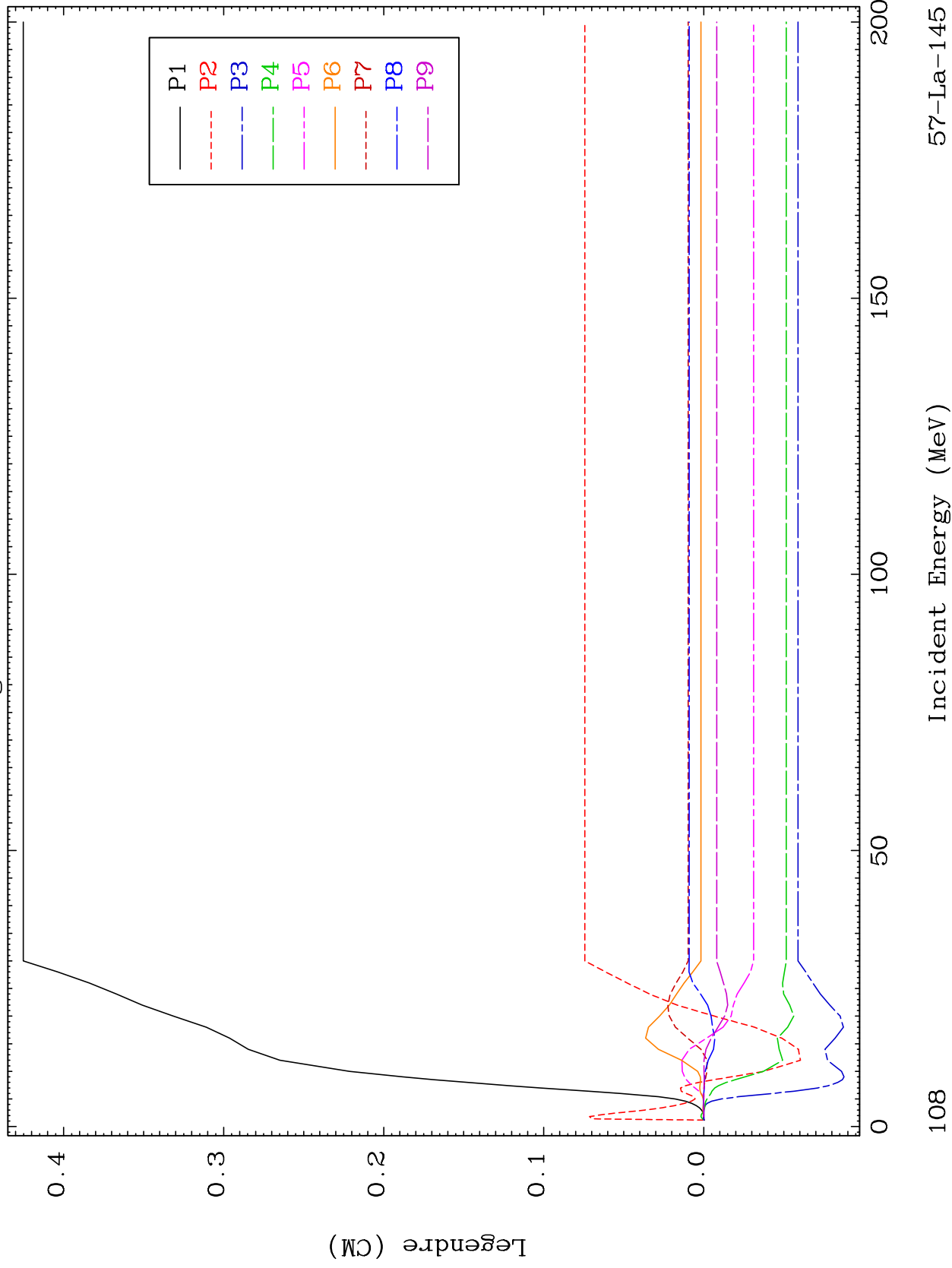
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



57-La-145

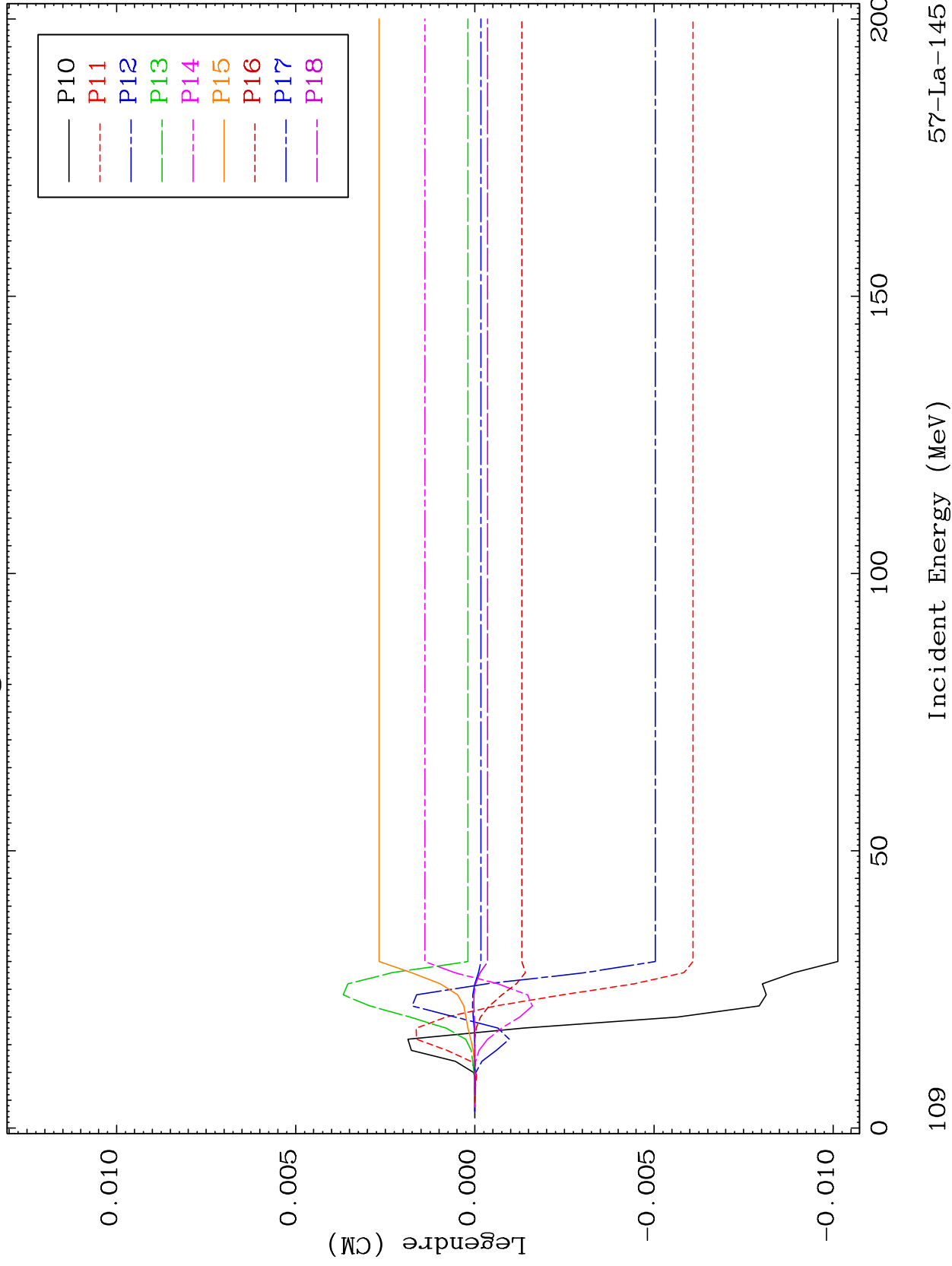
Incident Energy (MeV)

108

MAT 5746

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

57-La-145



57-La-145

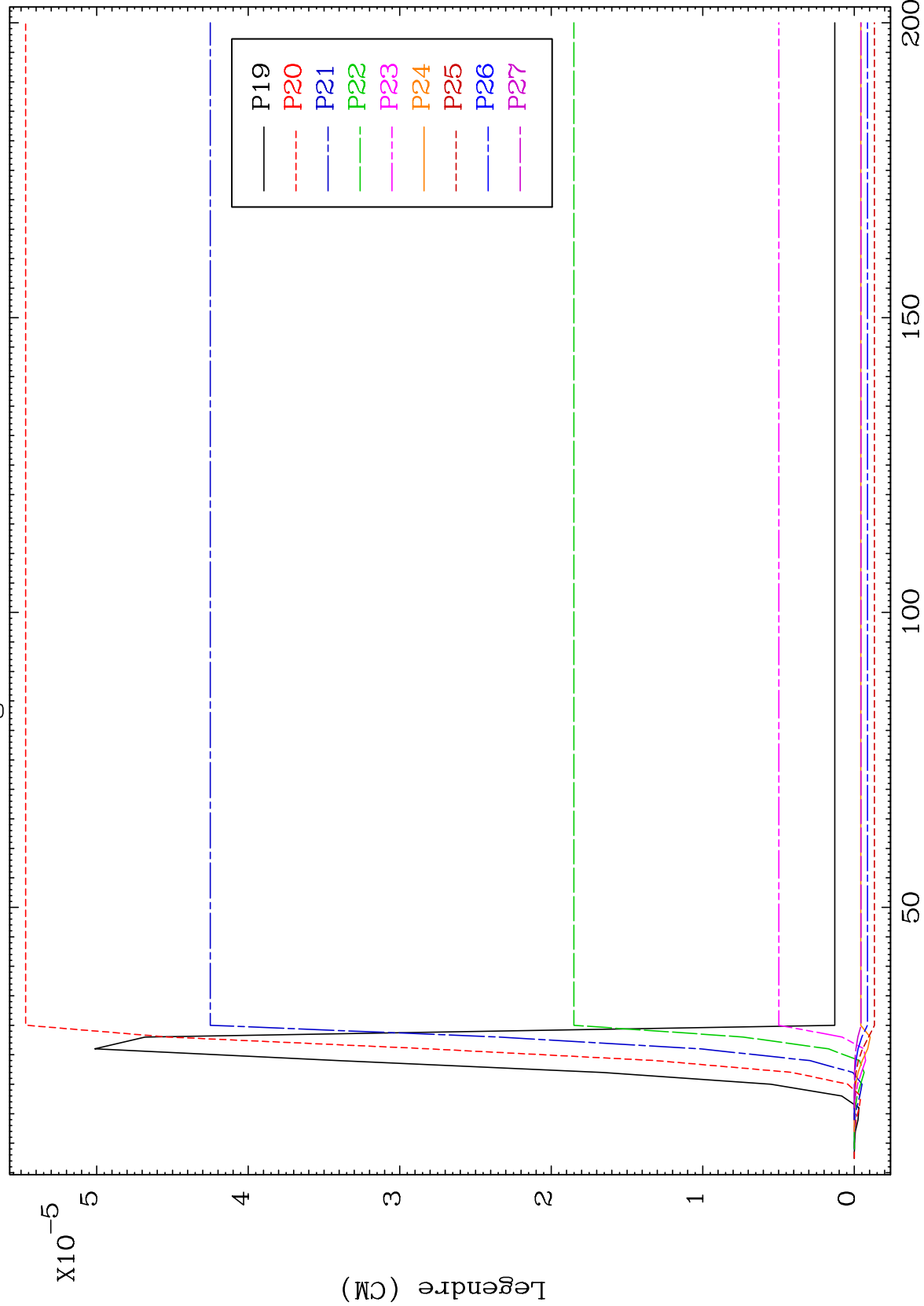
Incident Energy (MeV)

109

MAT 5746

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

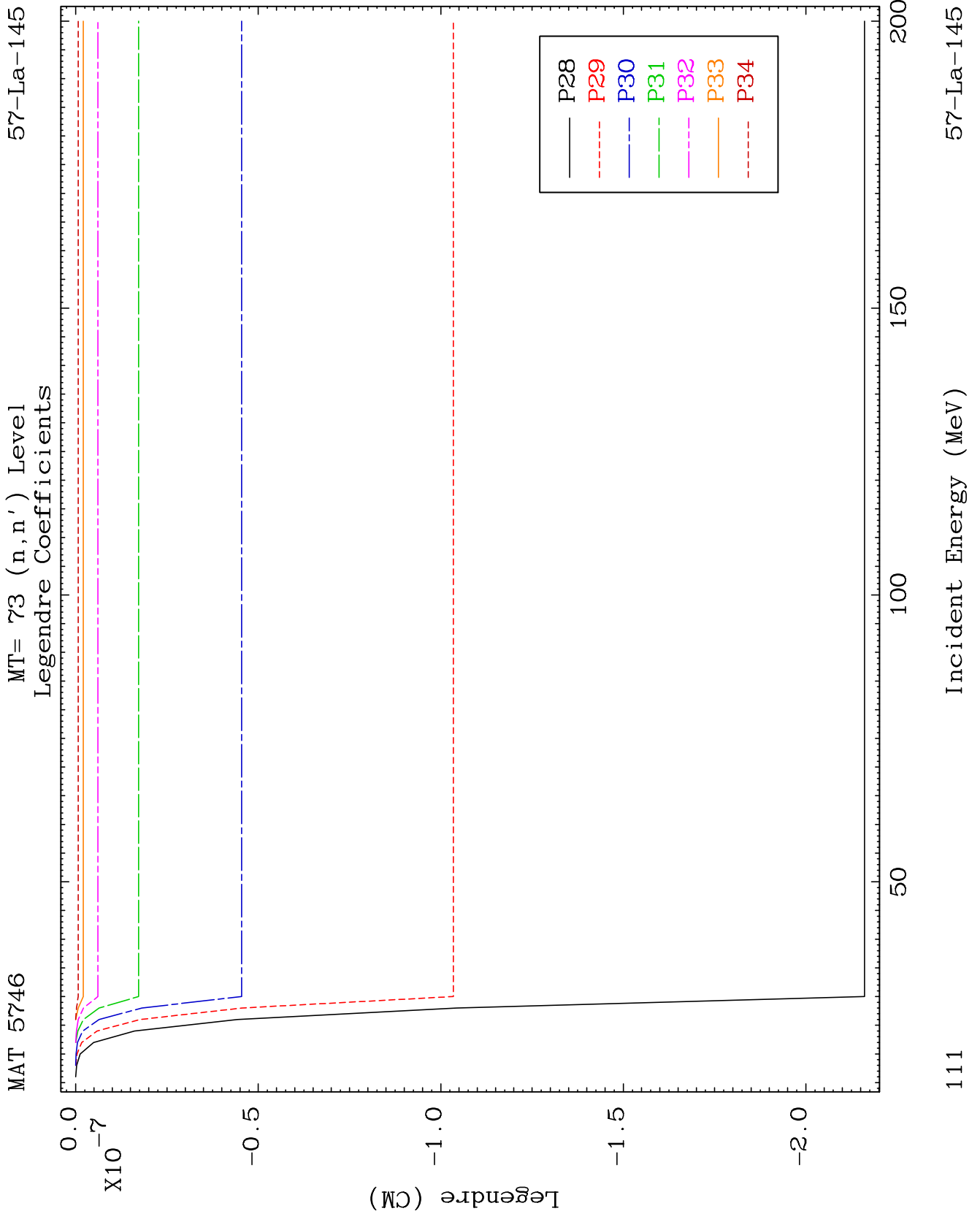
57-La-145



110

Incident Energy (MeV)

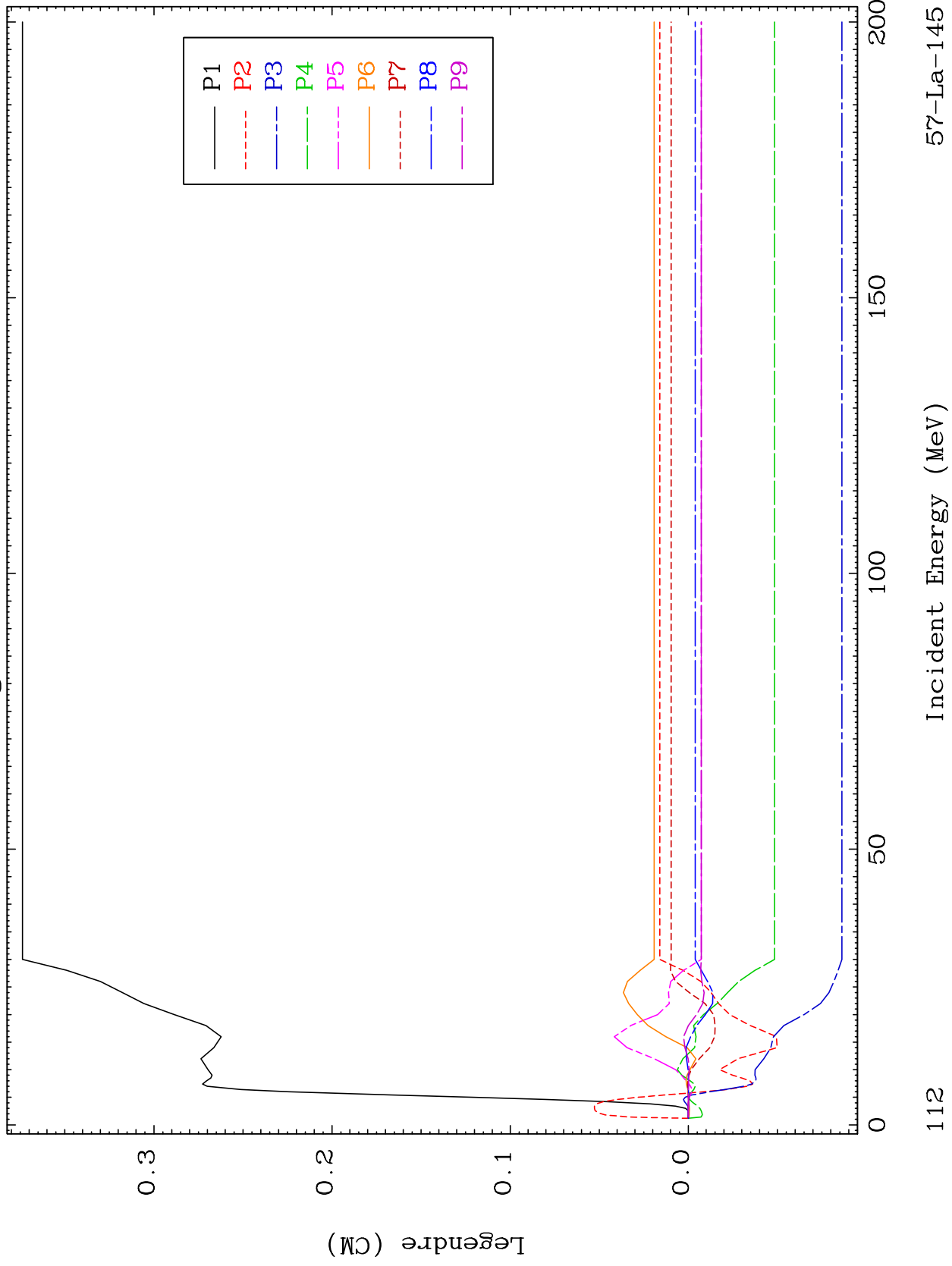
57-La-145



MAT 5746

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

57-La-145



57-La-145

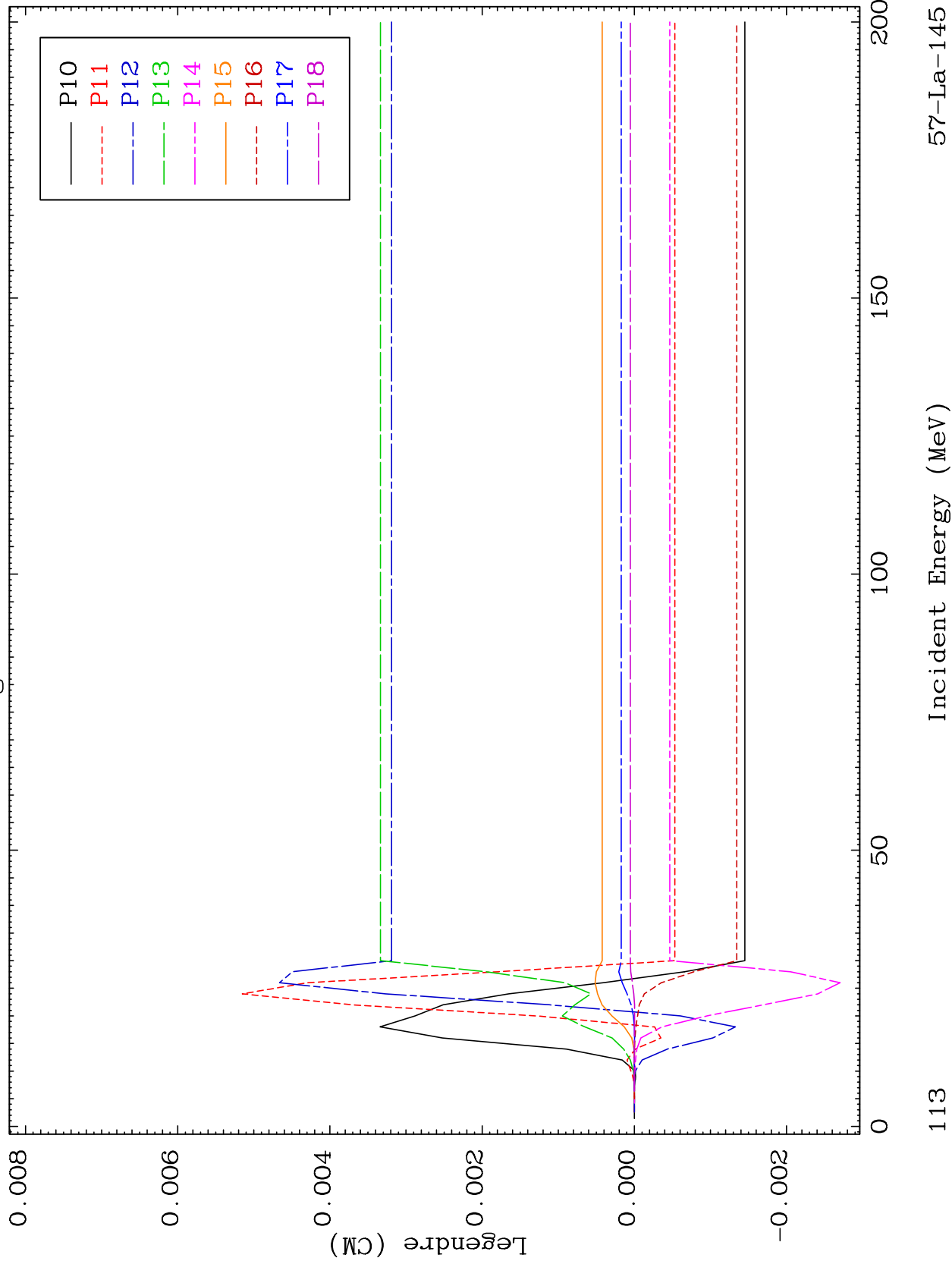
Incident Energy (MeV)

112

MAT 5746

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

57-La-145



57-La-145

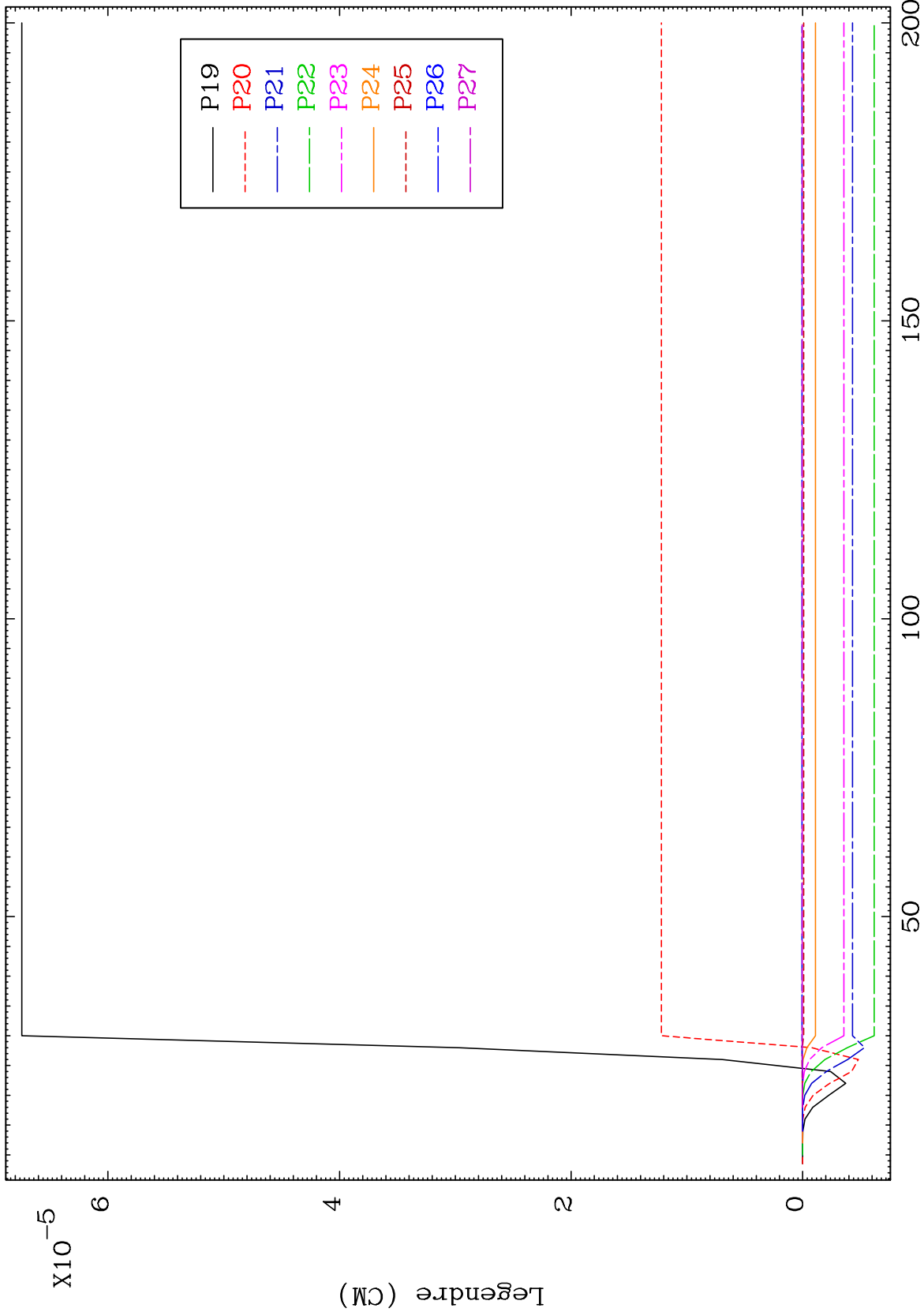
Incident Energy (MeV)

113

MAT 5746

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

57-La-145



114

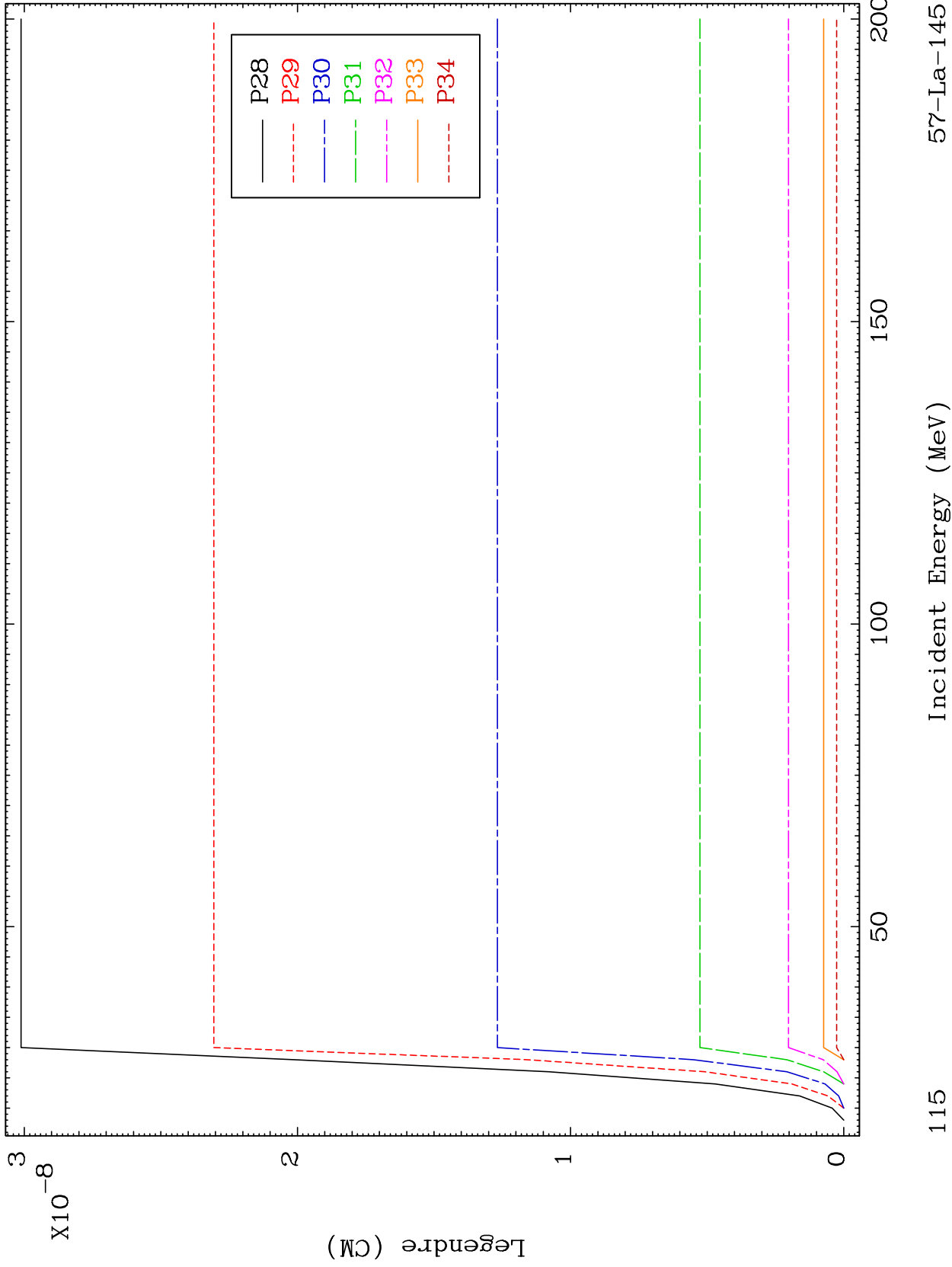
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145

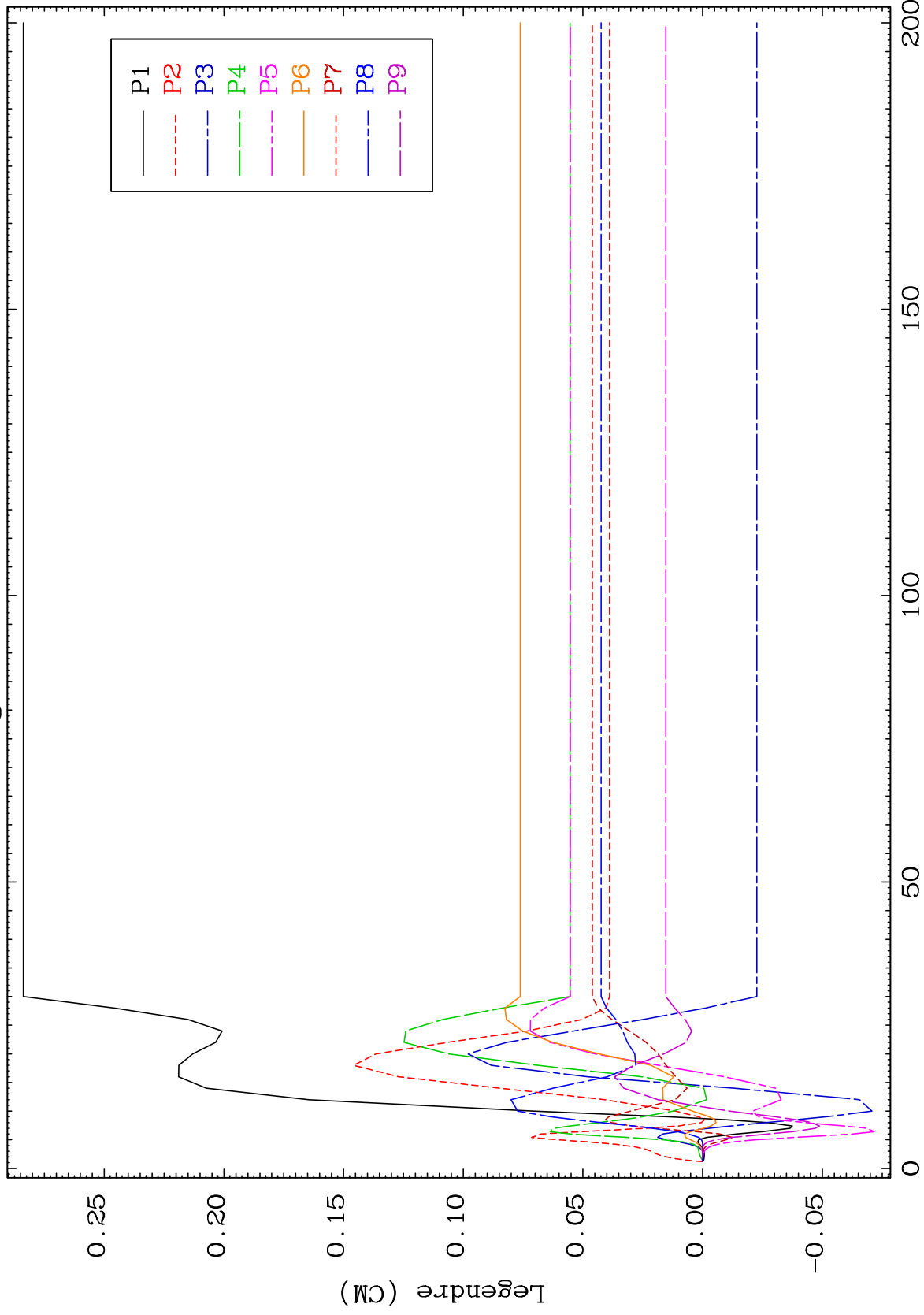


57-La-145

MAT 5746

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

57-La-145



116

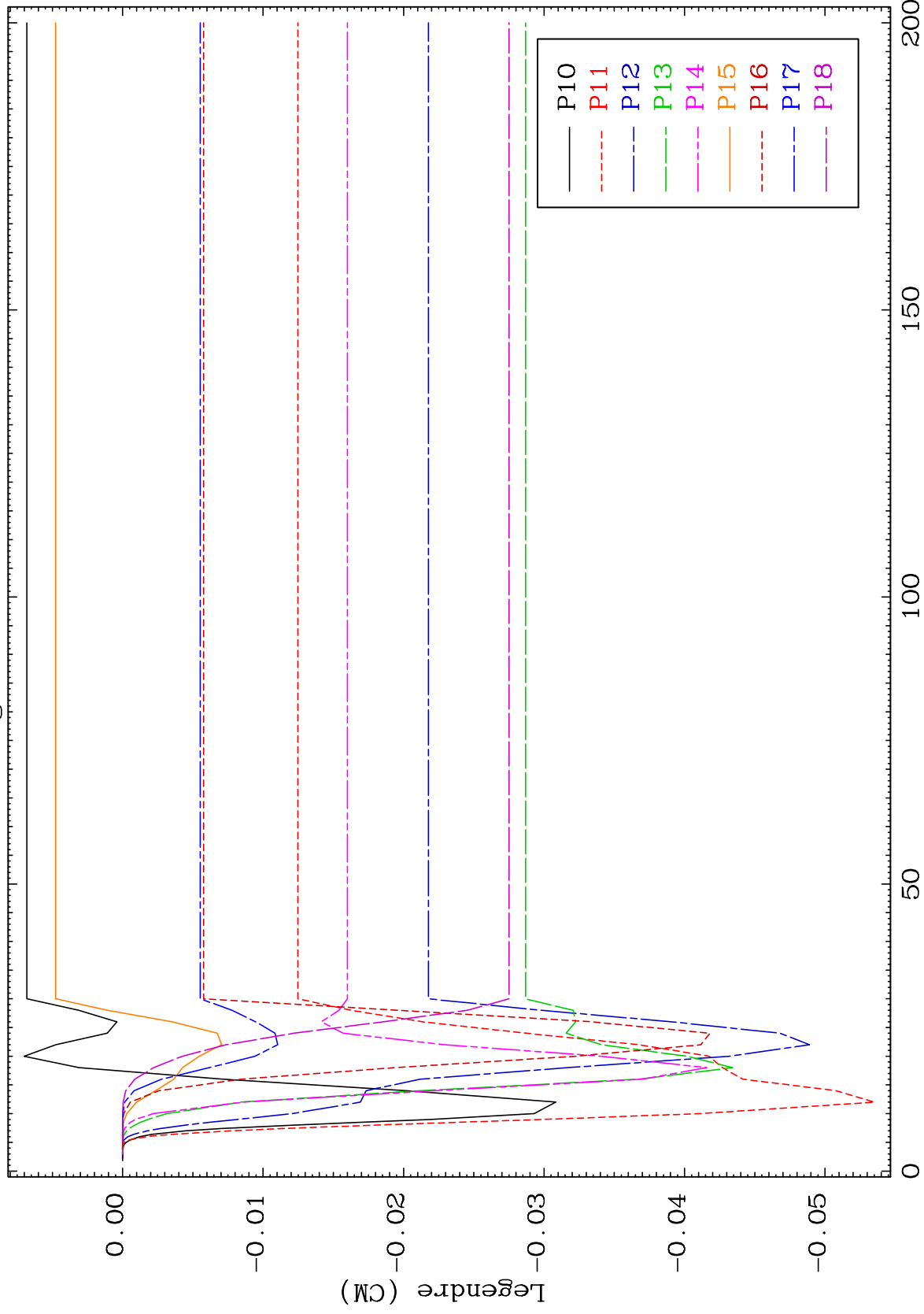
Incident Energy (MeV)

57-La-145

MAT 5746

57-La-145

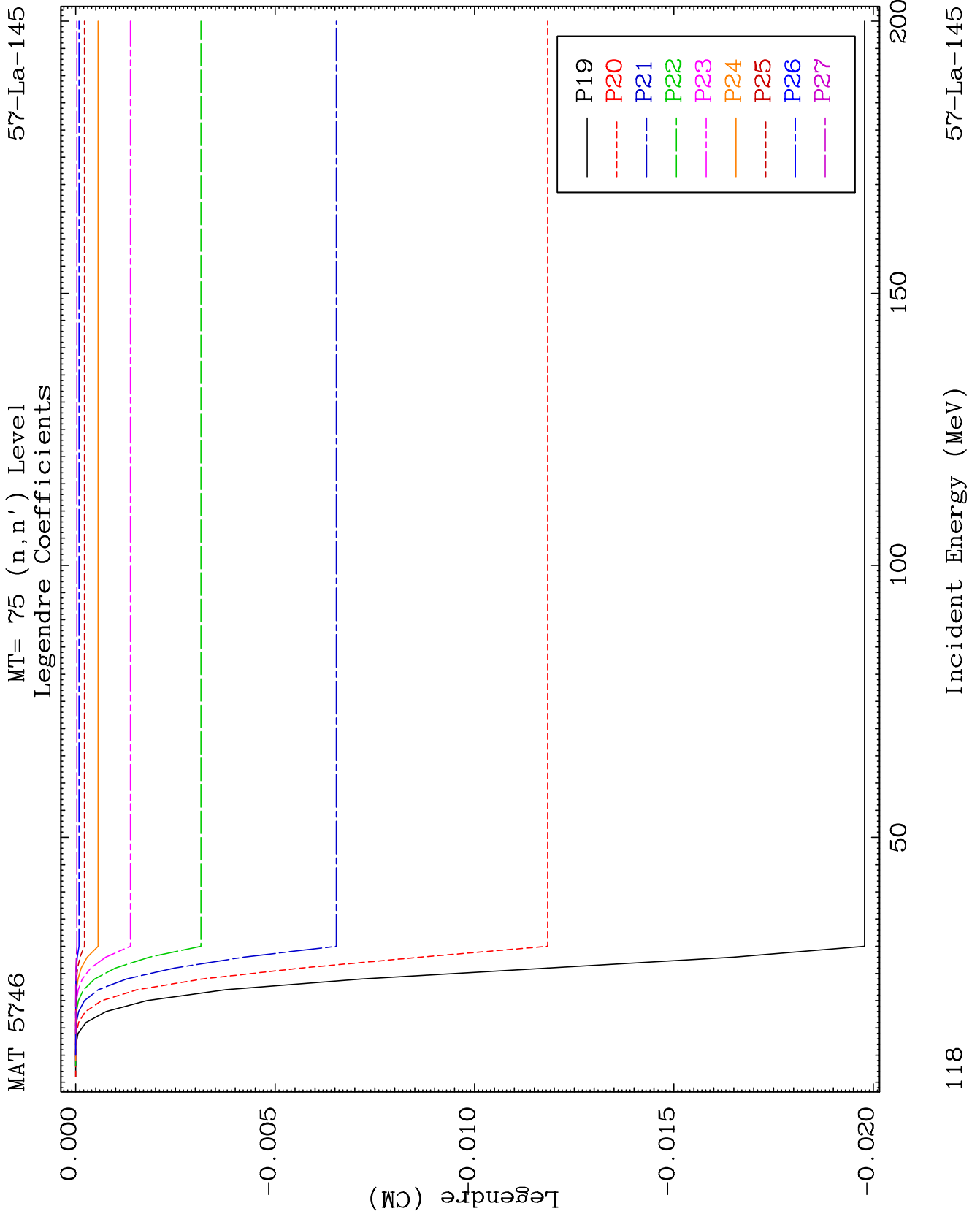
MT= 75 (n,n') Level
Legendre Coefficients

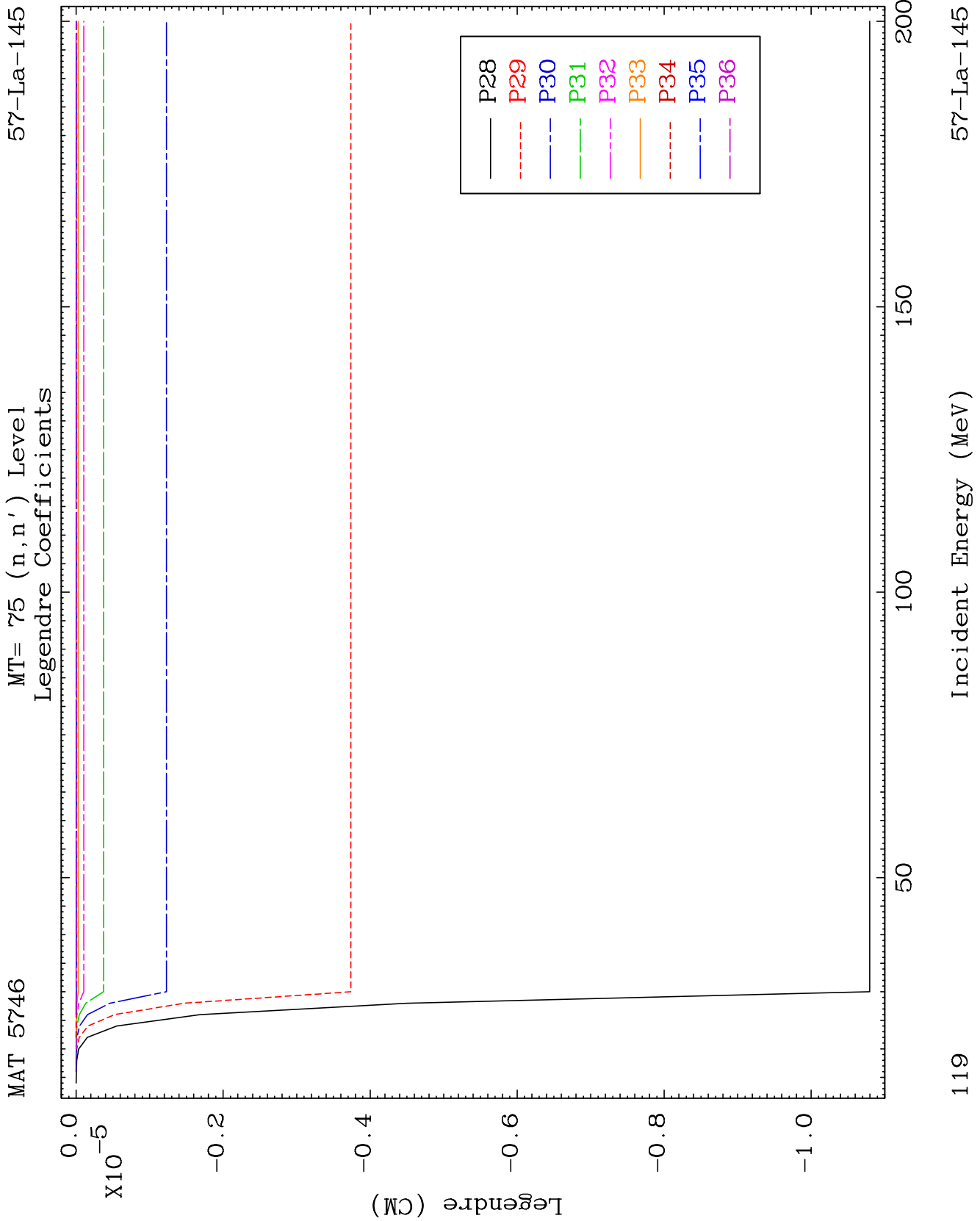


117

Incident Energy (MeV)

57-La-145

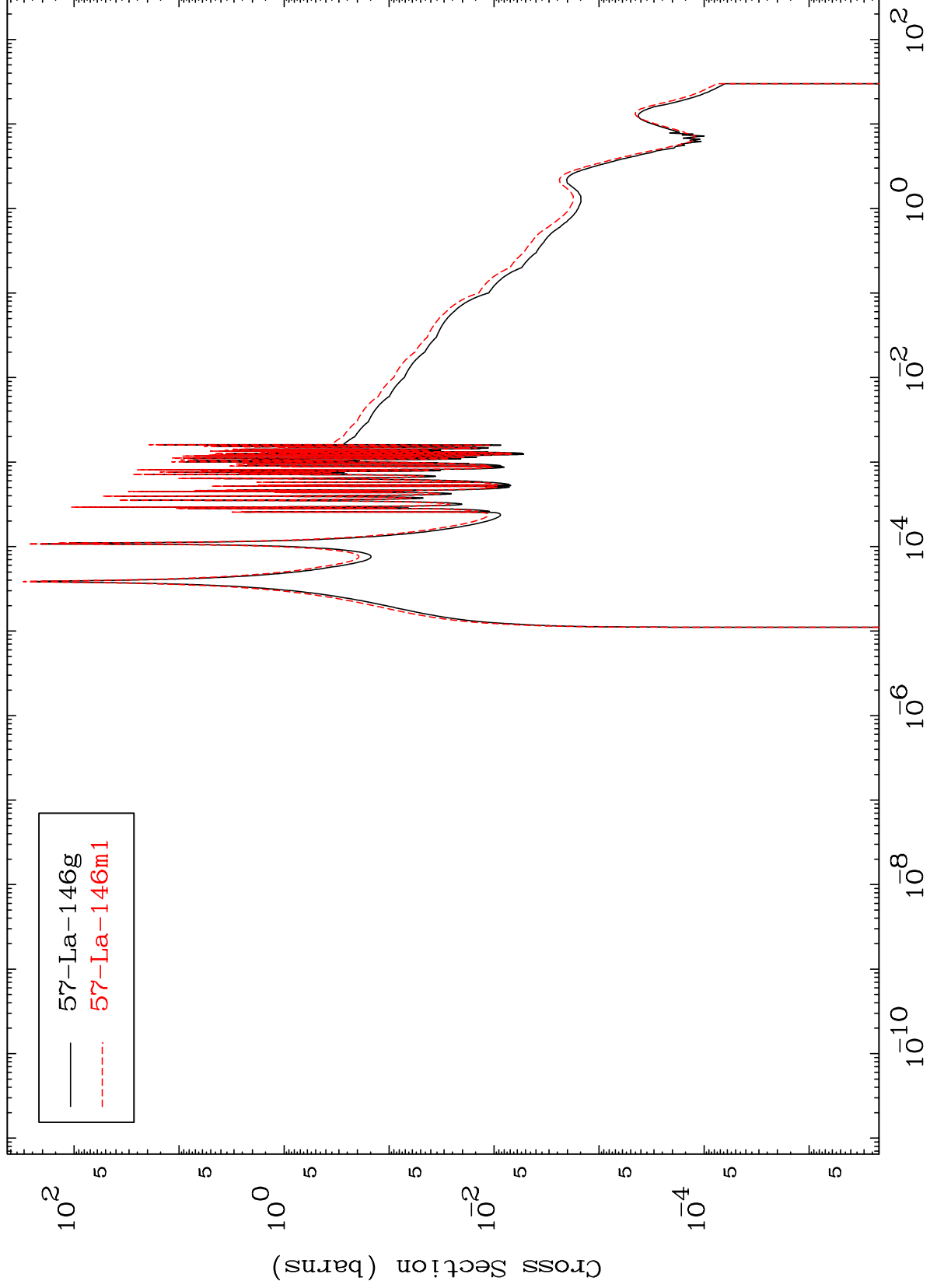
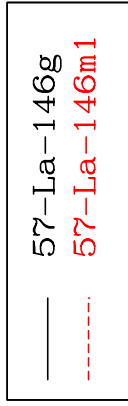




MAT 5746

57-La-145

Radionuclide Production Cross Section



120

57-La-145