

Program EVALPLOT
(Version 2018-1)

by

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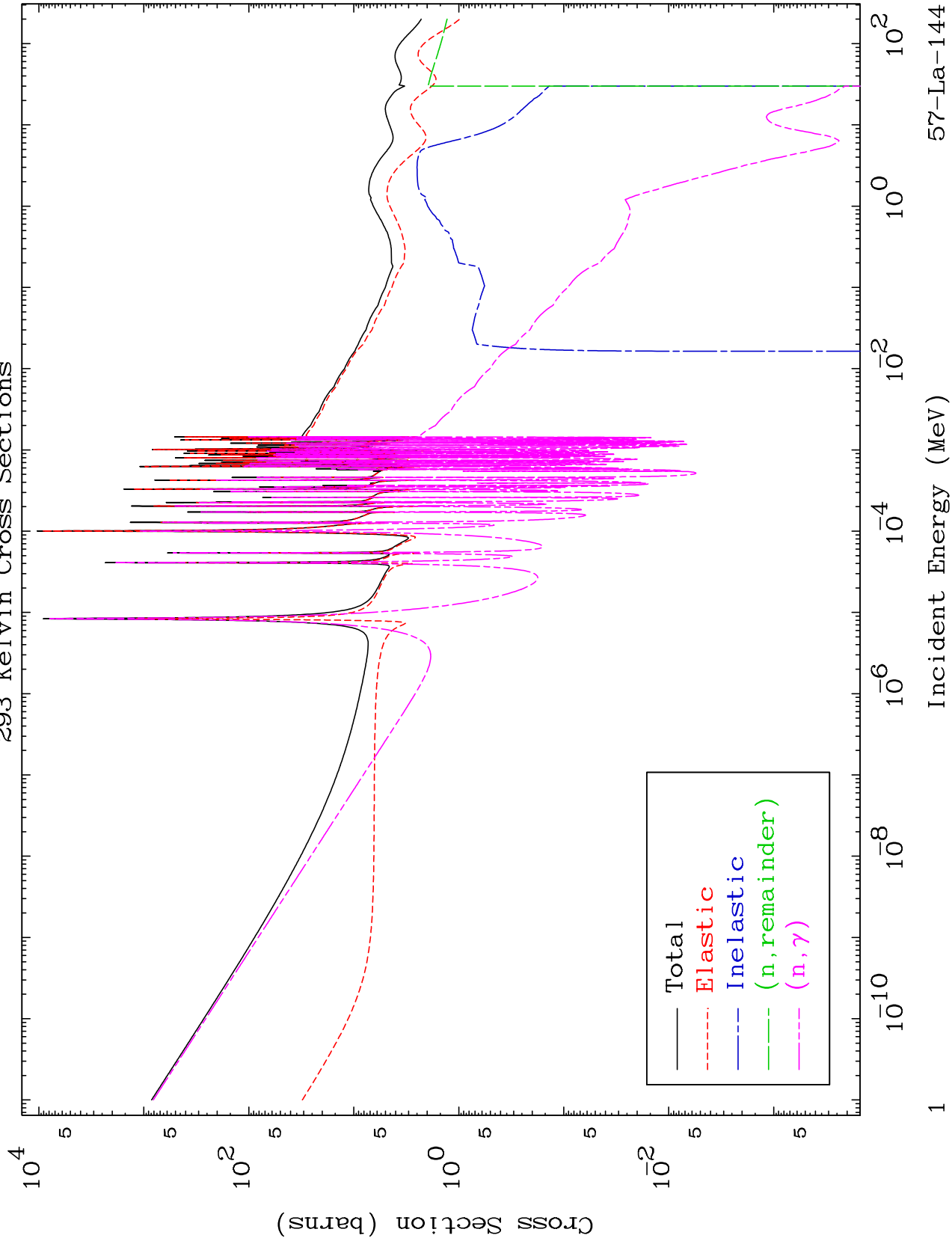
Press Mouse Button to Start

MAT 5743

Major

293 Kelvin Cross Sections

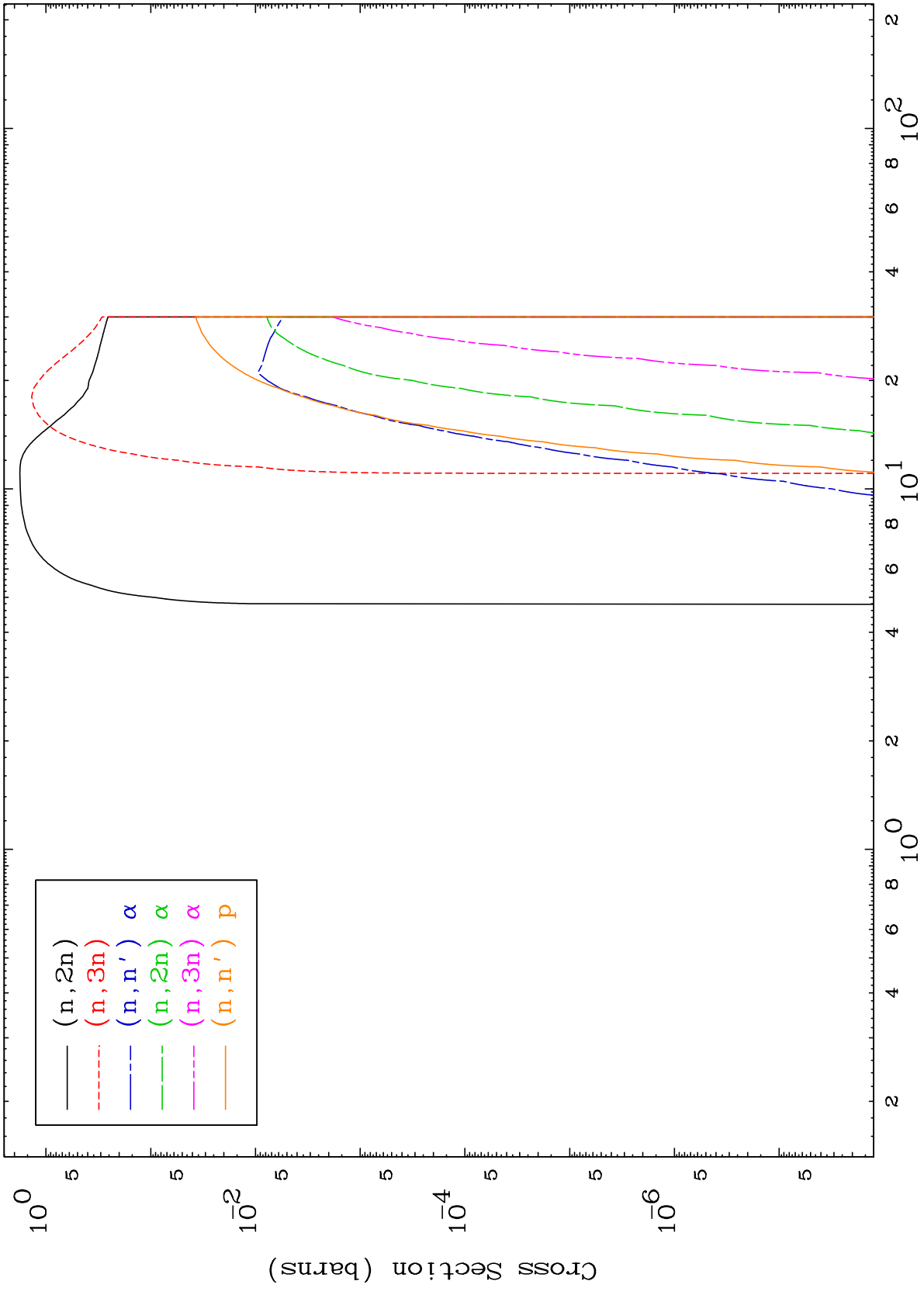
57-La-144



MAT 5743

Neutron Production
293 Kelvin Cross Sections

57-La-144



2

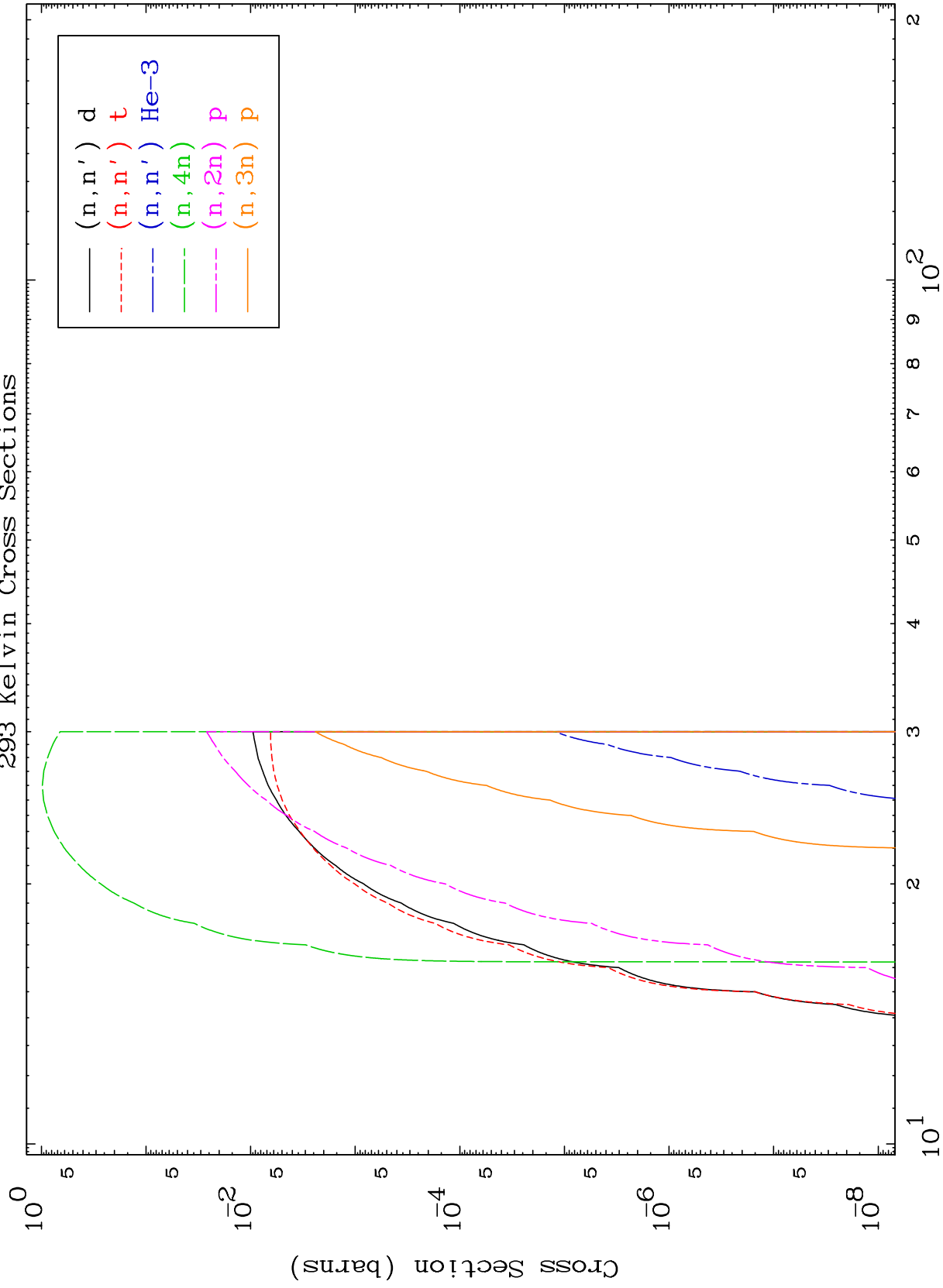
Incident Energy (MeV)

57-La-144

MAT 5743

Neutron Production
293 Kelvin Cross Sections

57-La-144



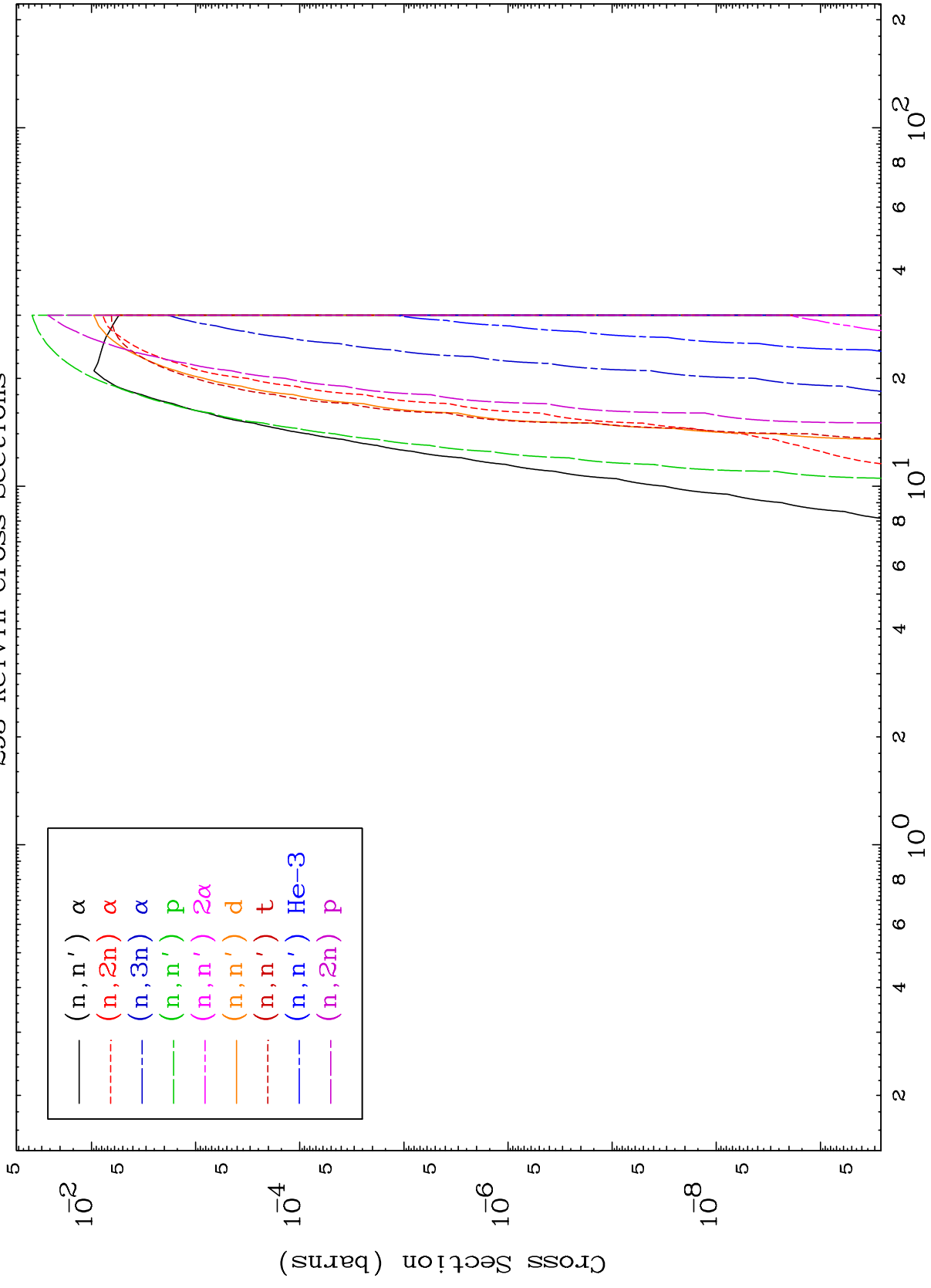
Incident Energy (MeV)

57-La-144

MAT 5743

293 Kelvin Cross Sections

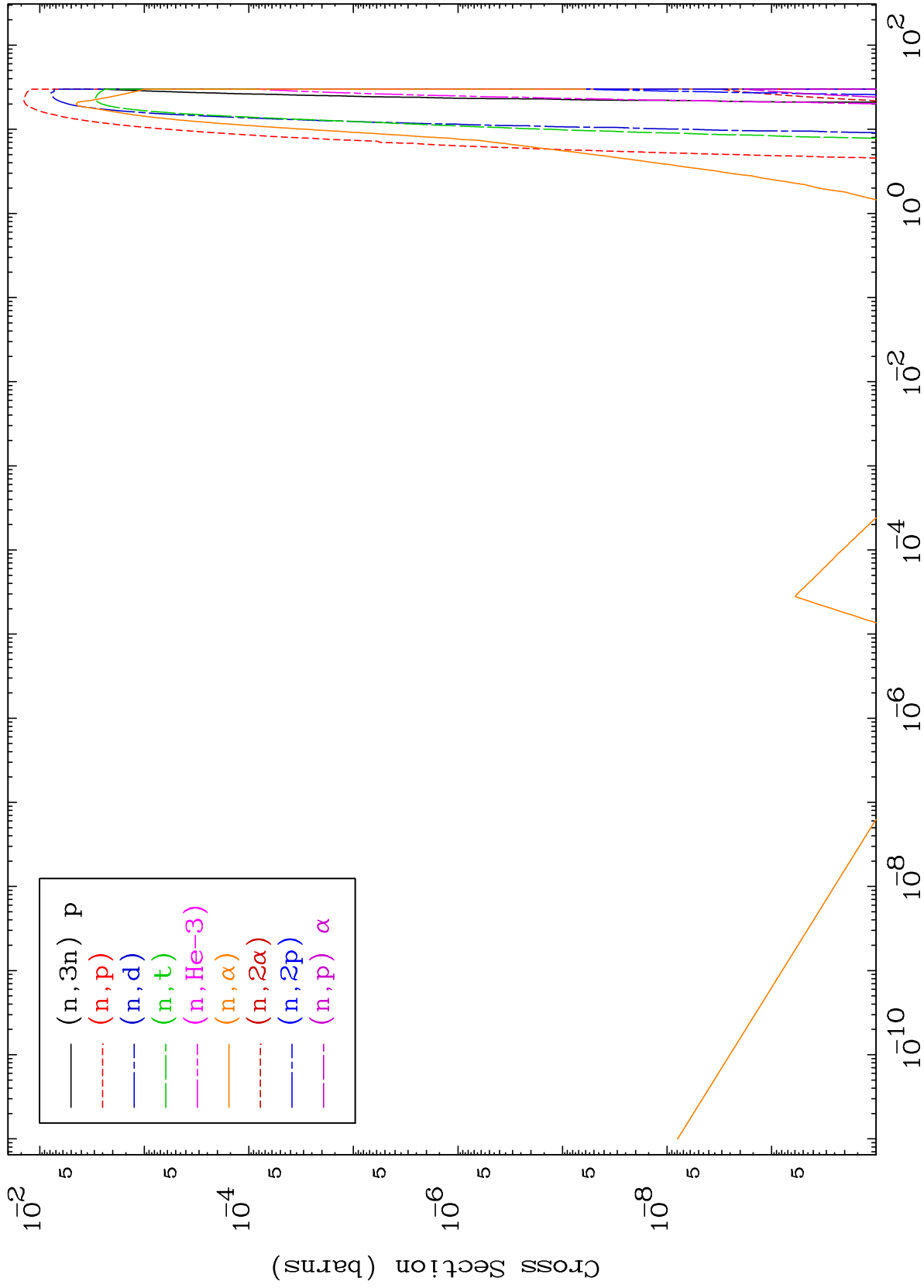
57-La-144



MAT 5743

Charged Particle
293 Kelvin Cross Sections

57-La-144



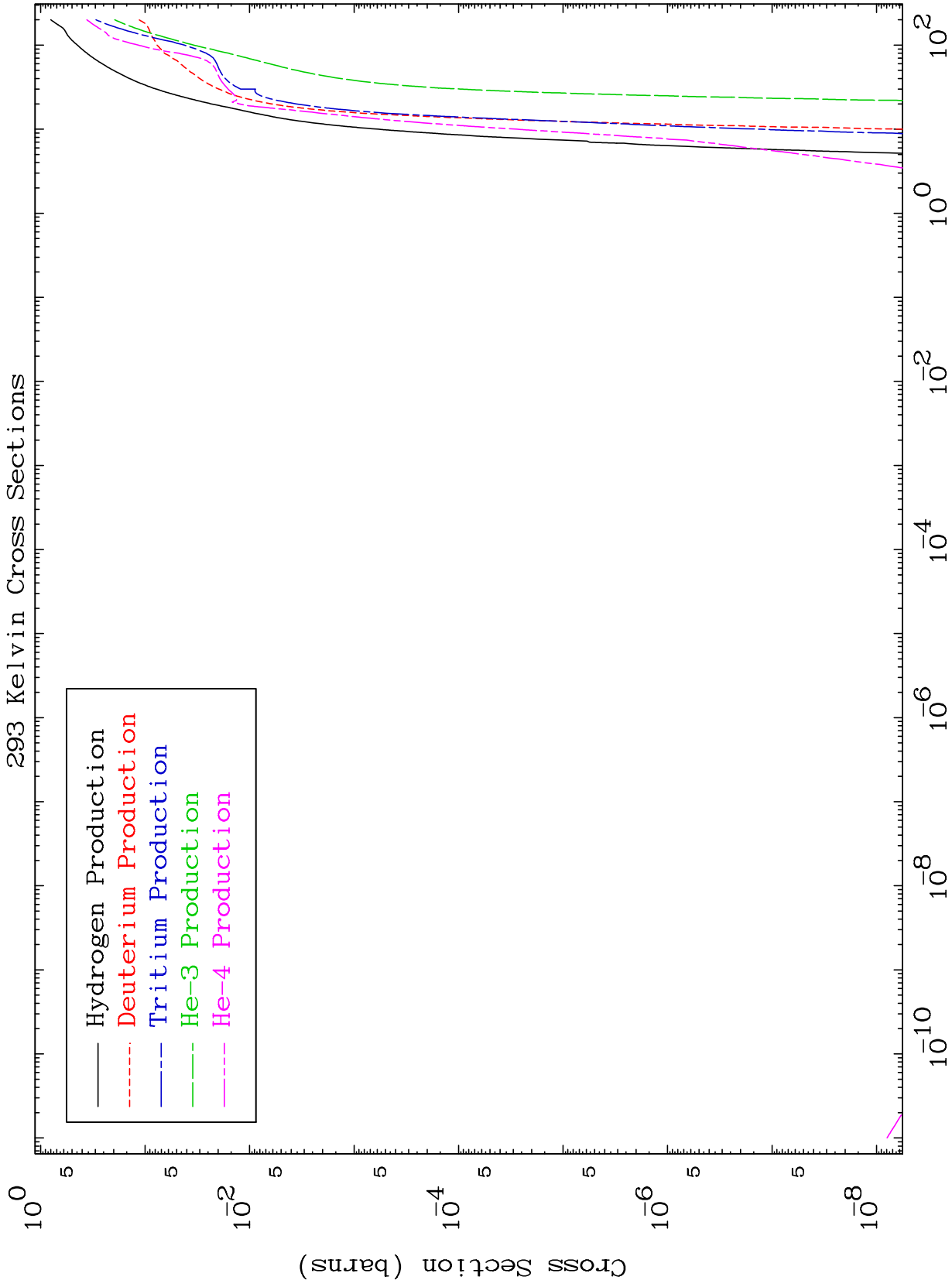
5

57-La-144

MAT 5743

Particle Production
293 Kelvin Cross Sections

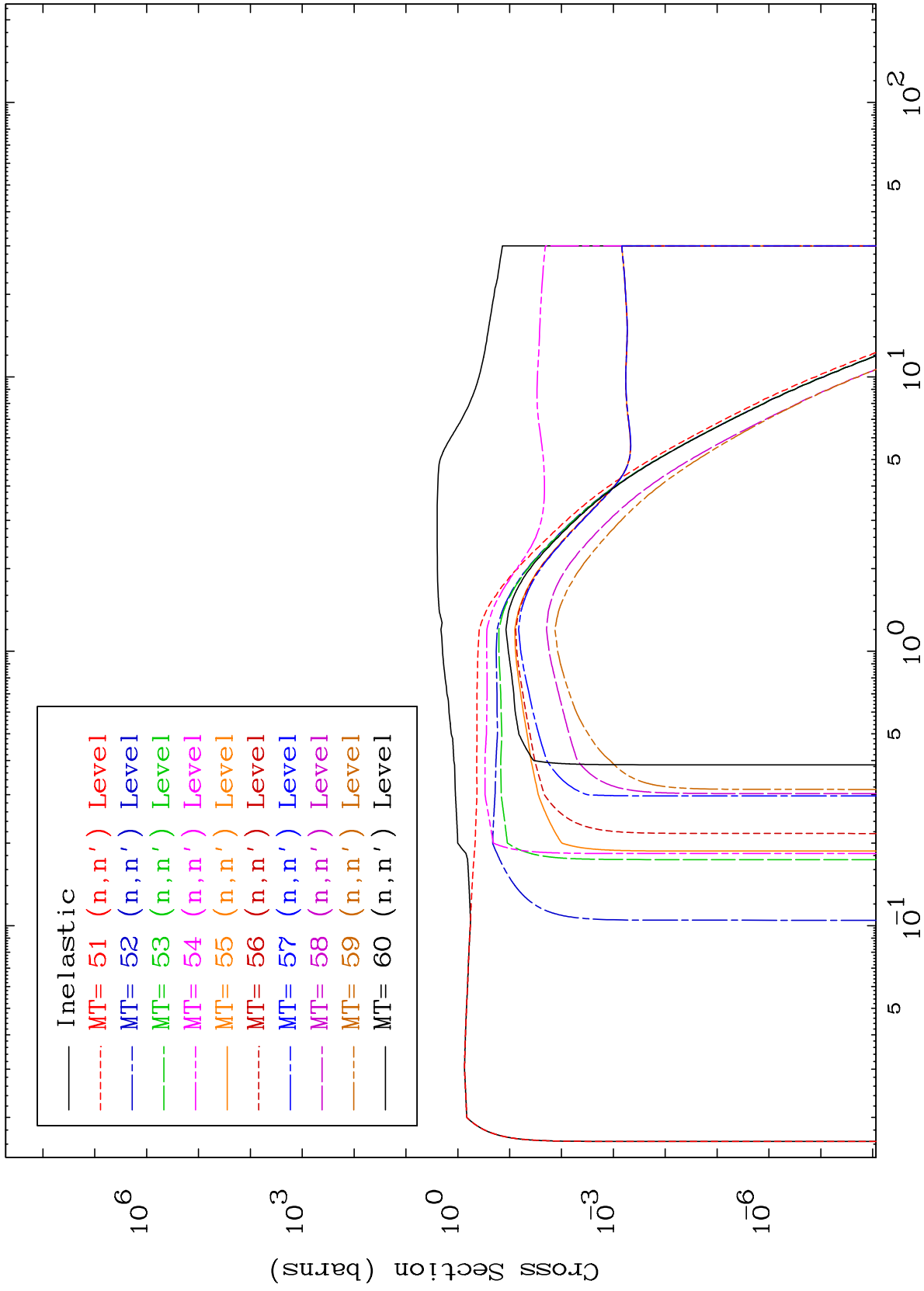
57-La-144



6

Incident Energy (MeV)

57-La-144

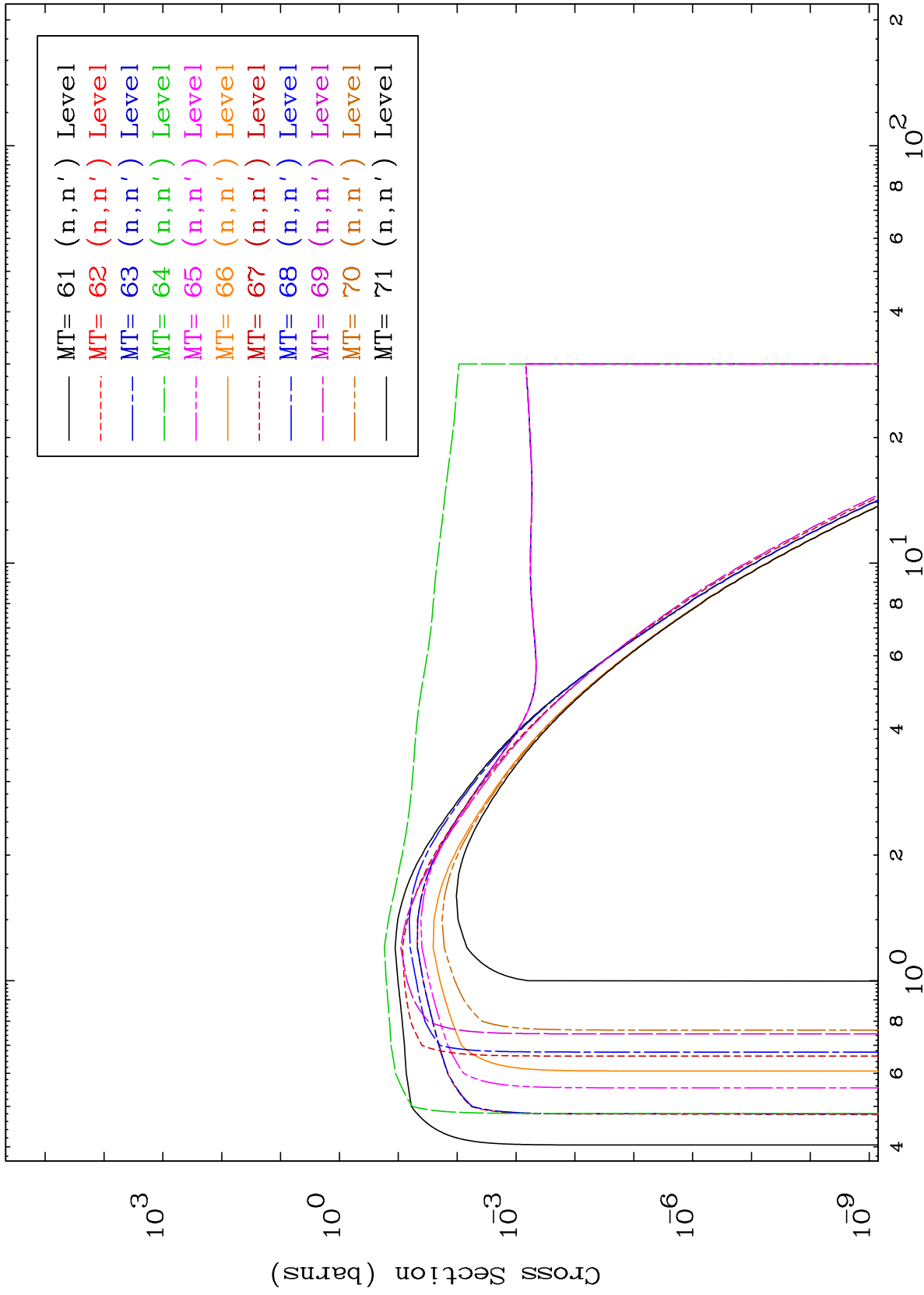


MAT 5743

(n,n') Level

57-La-144

293 Kelvin Cross Sections



8

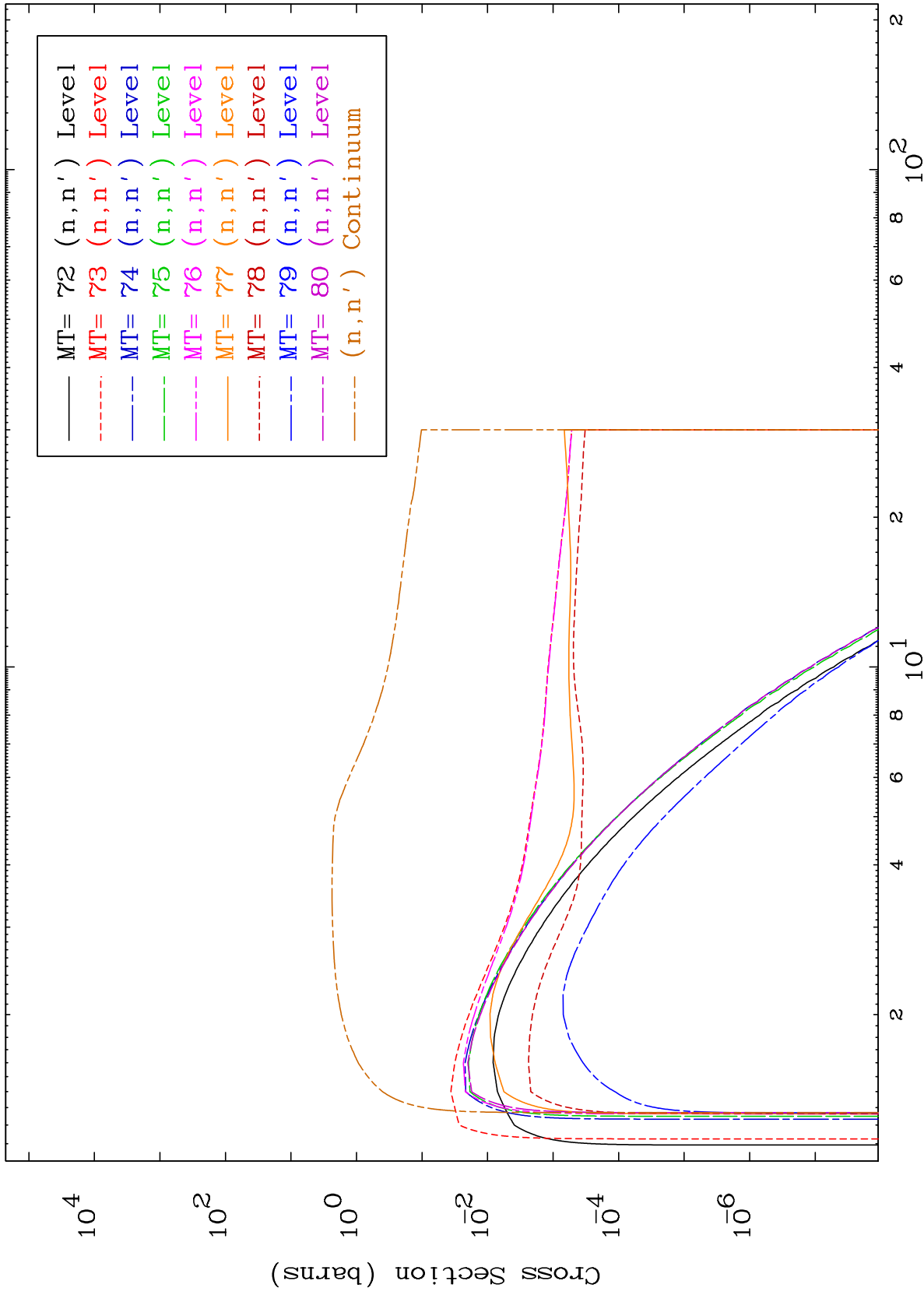
Incident Energy (MeV)

57-La-144

MAT 5743

(n,n') Level
293 Kelvin Cross Sections

57-La-144



9

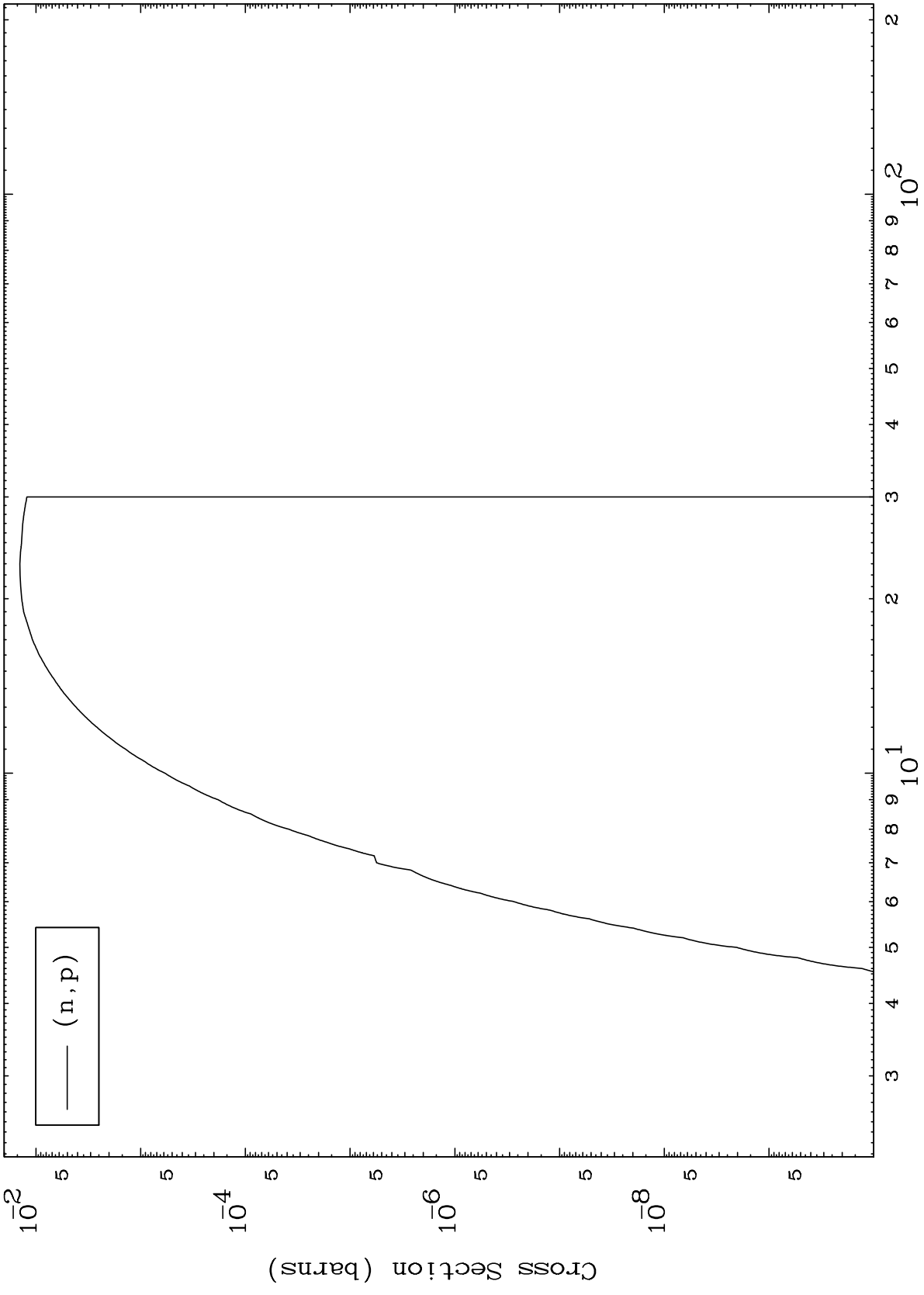
Incident Energy (MeV)

57-La-144

MAT 5743

(n,p) Levels
293 Kelvin Cross Sections

57-La-144



10

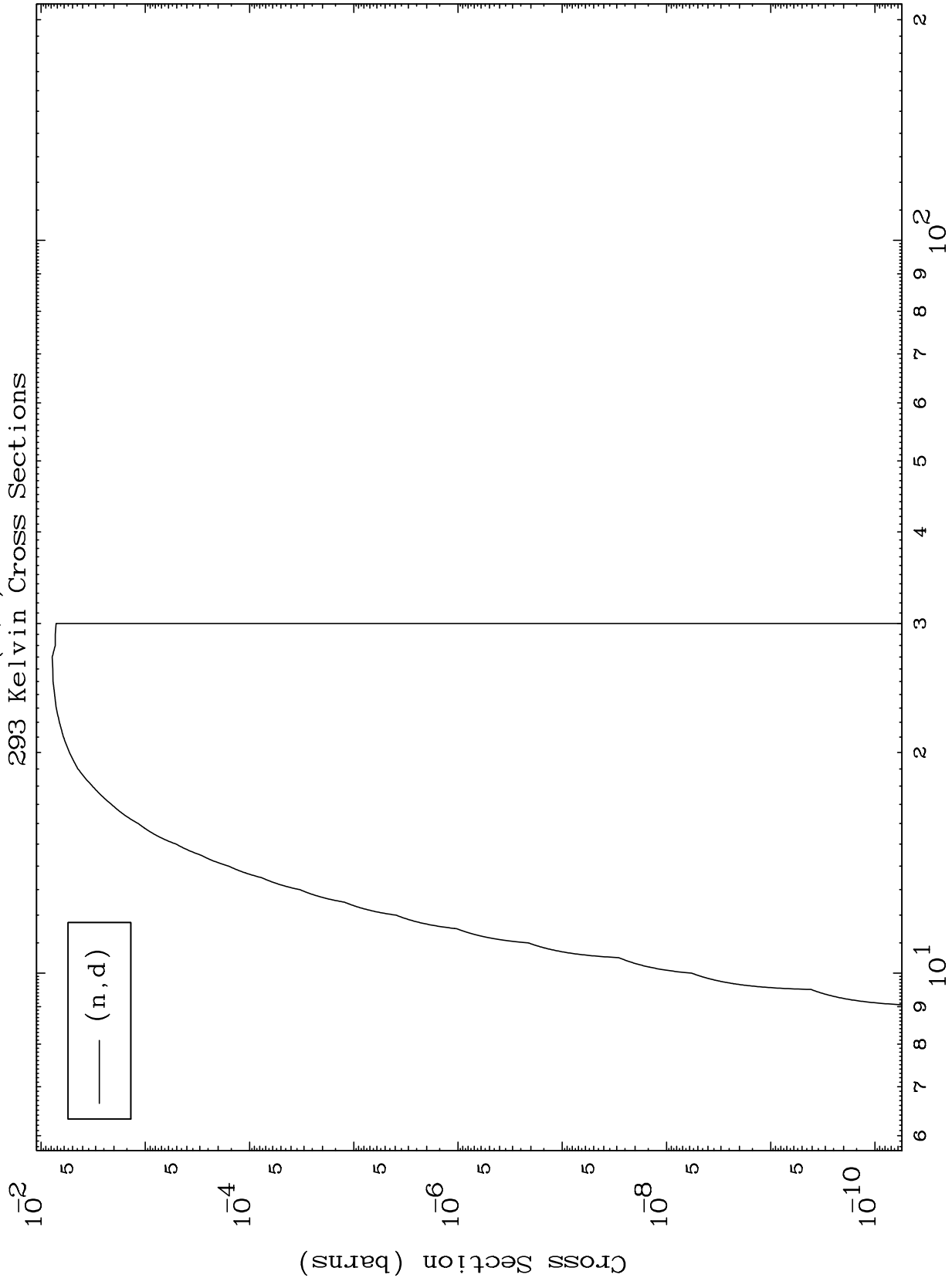
Incident Energy (MeV)

57-La-144

MAT 5743

(n,d) Levels
293 Kelvin Cross Sections

57-La-144



11

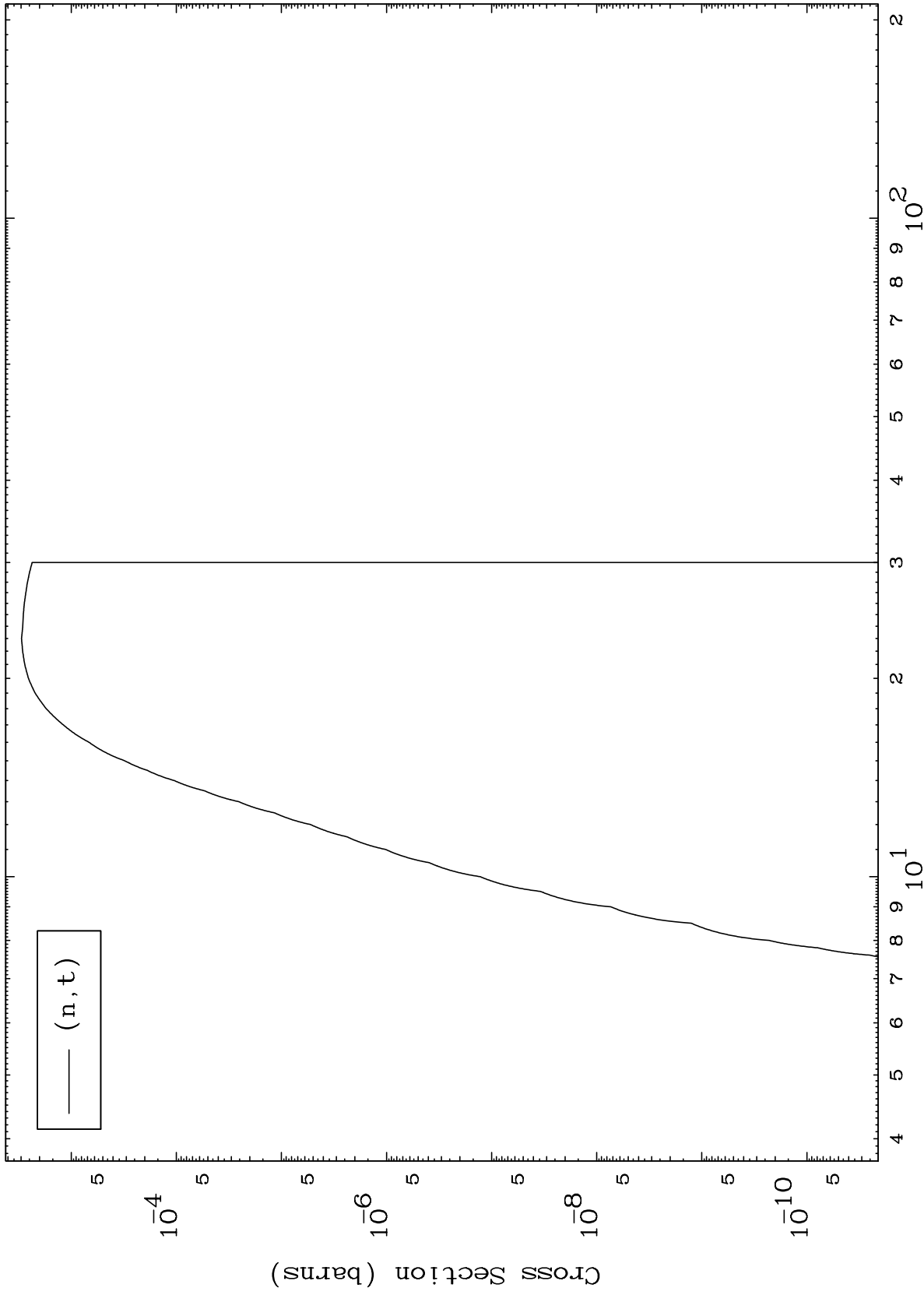
Incident Energy (MeV)

57-La-144

MAT 5743

(n,t) Levels
293 Kelvin Cross Sections

57-La-144



12

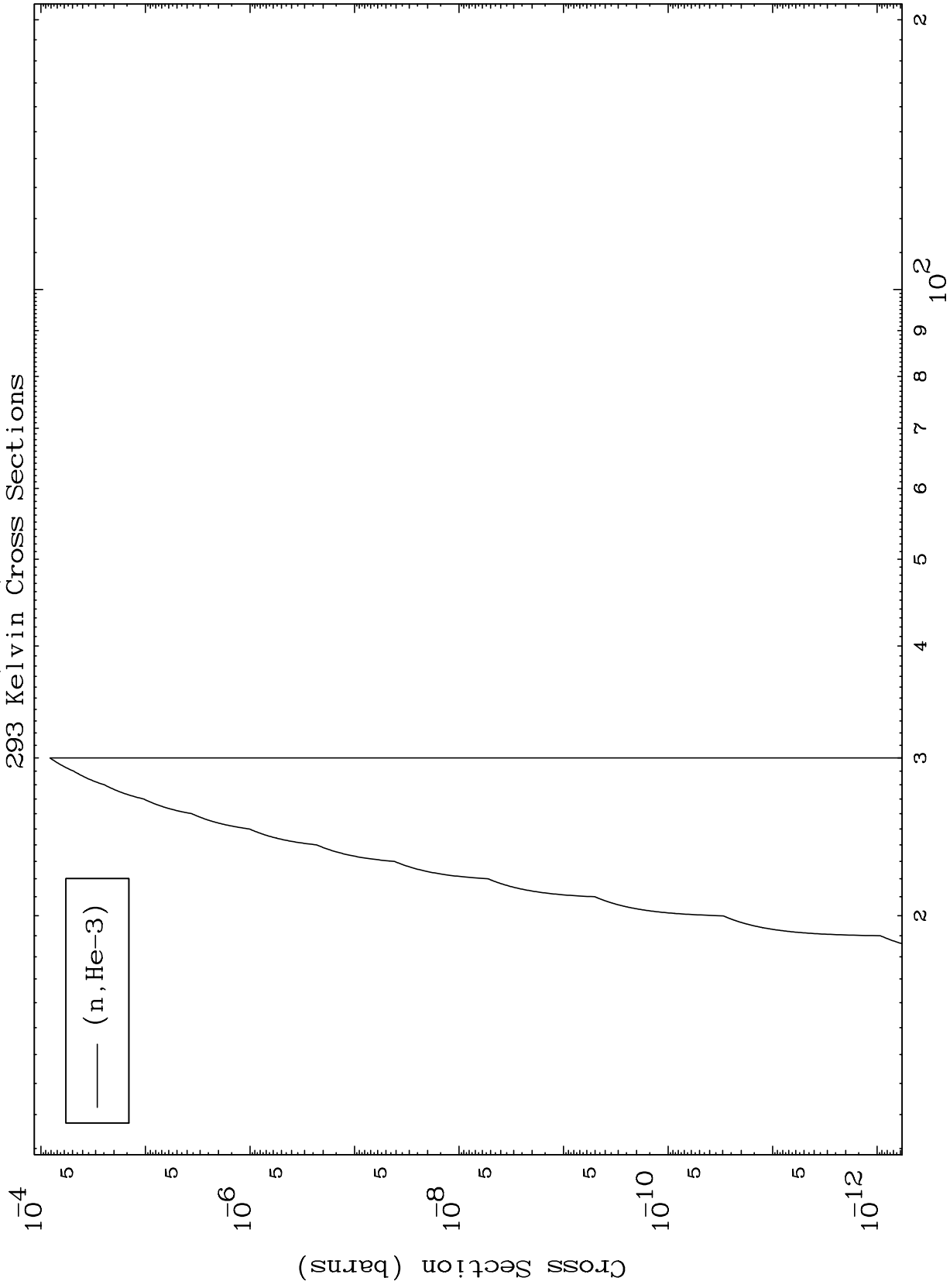
Incident Energy (MeV)

57-La-144

MAT 5743

(n,He3) Levels
293 Kelvin Cross Sections

57-La-144



13

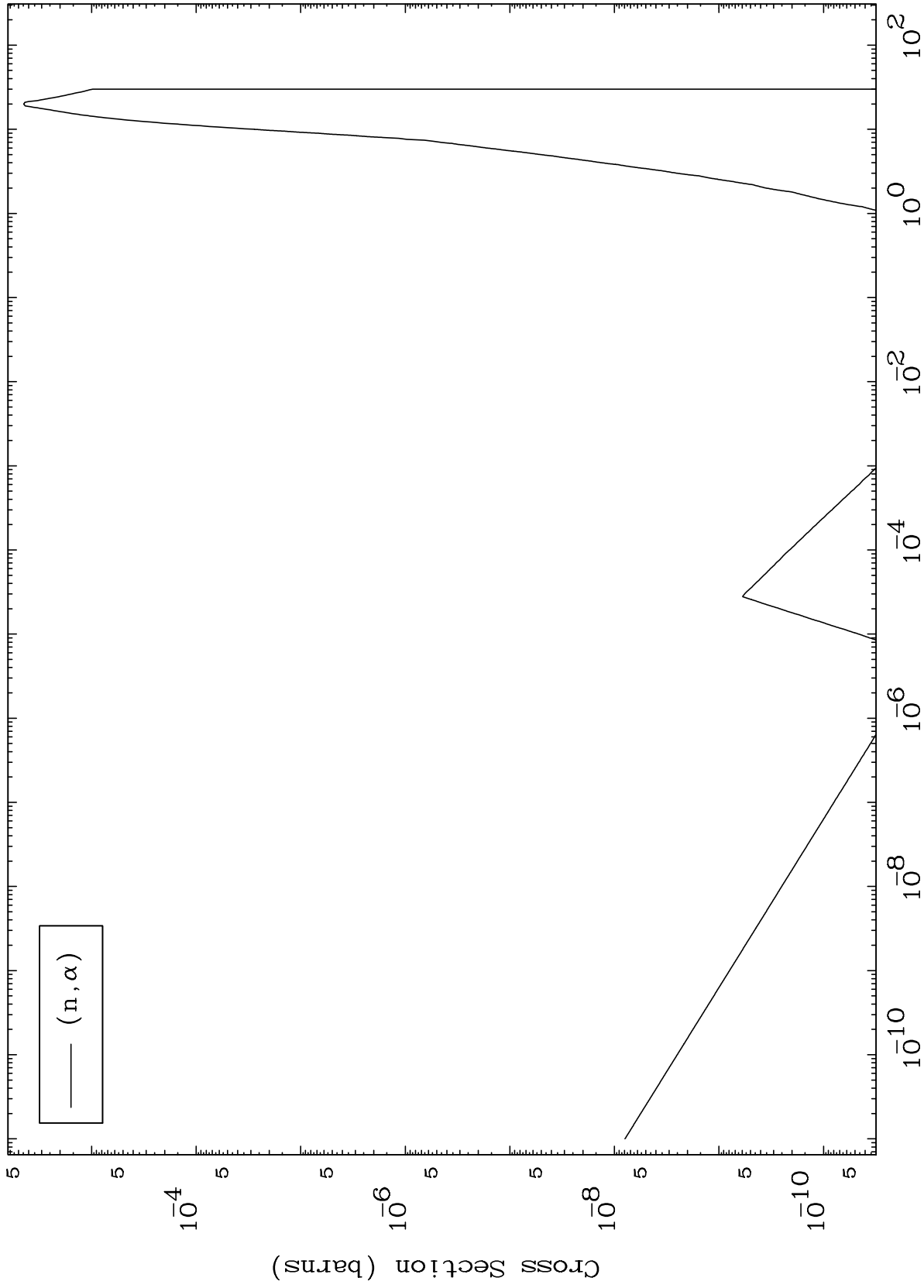
Incident Energy (MeV)

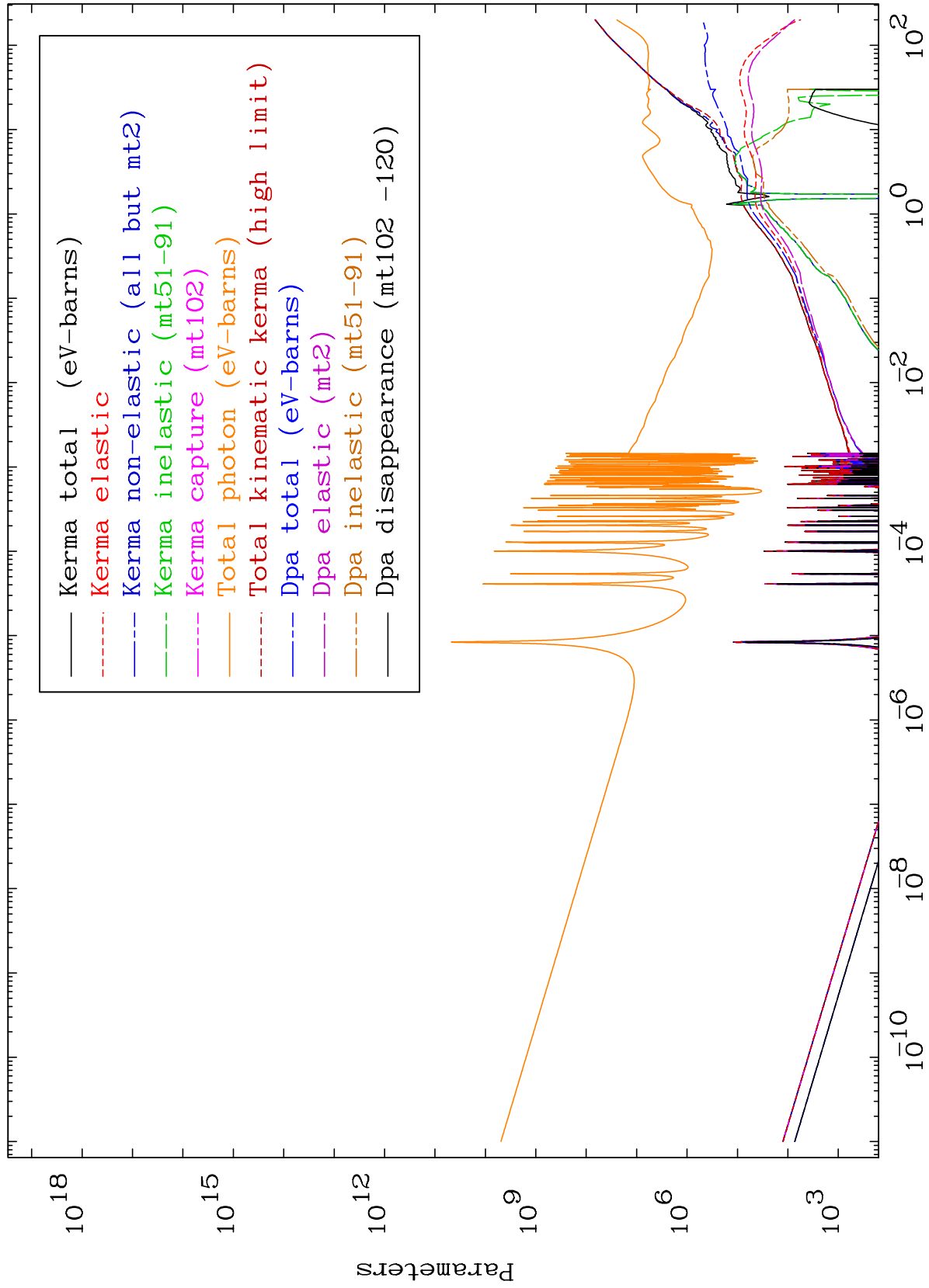
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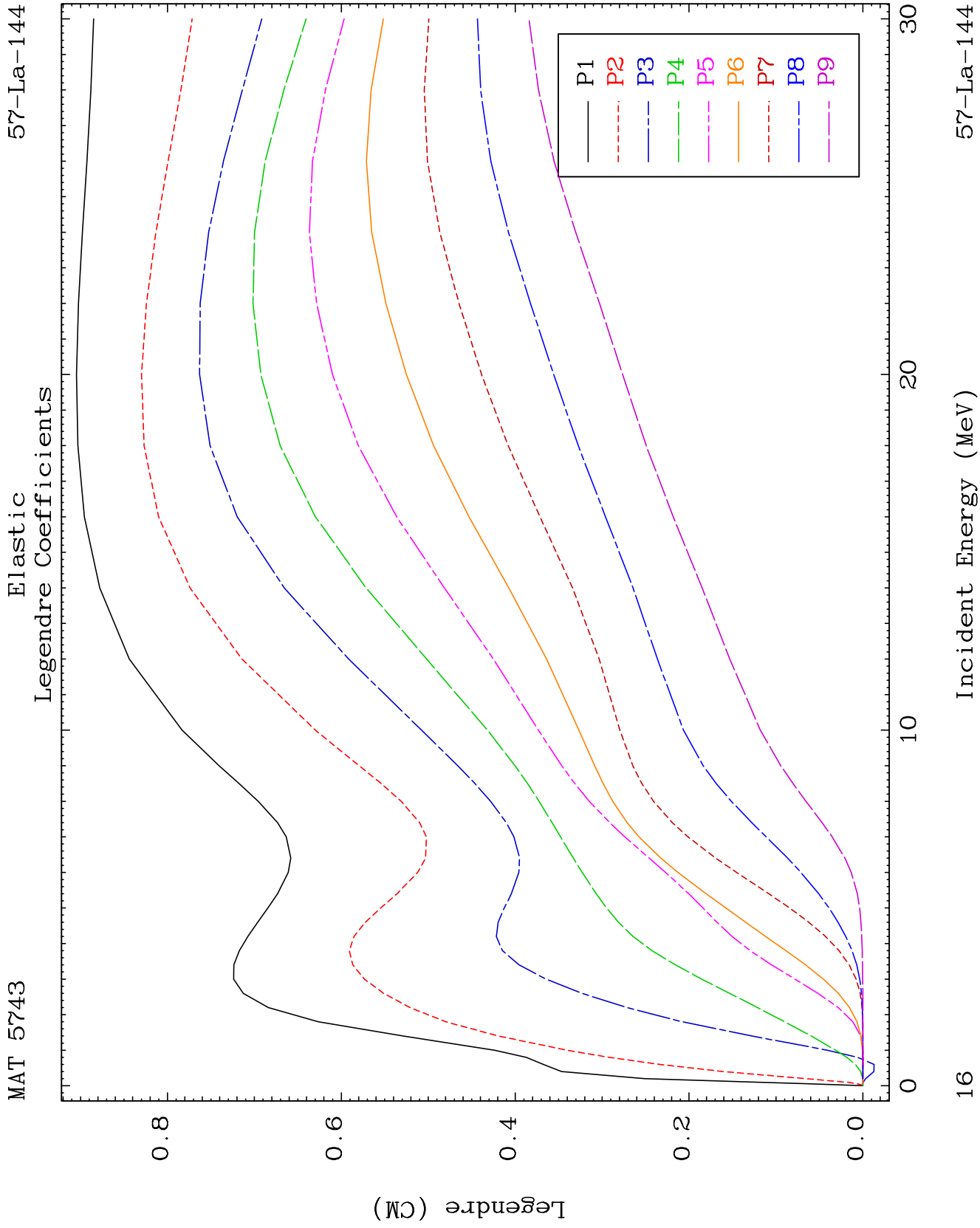
MAT 5743

(n,α) Levels
293 Kelvin Cross Sections

57-La-144



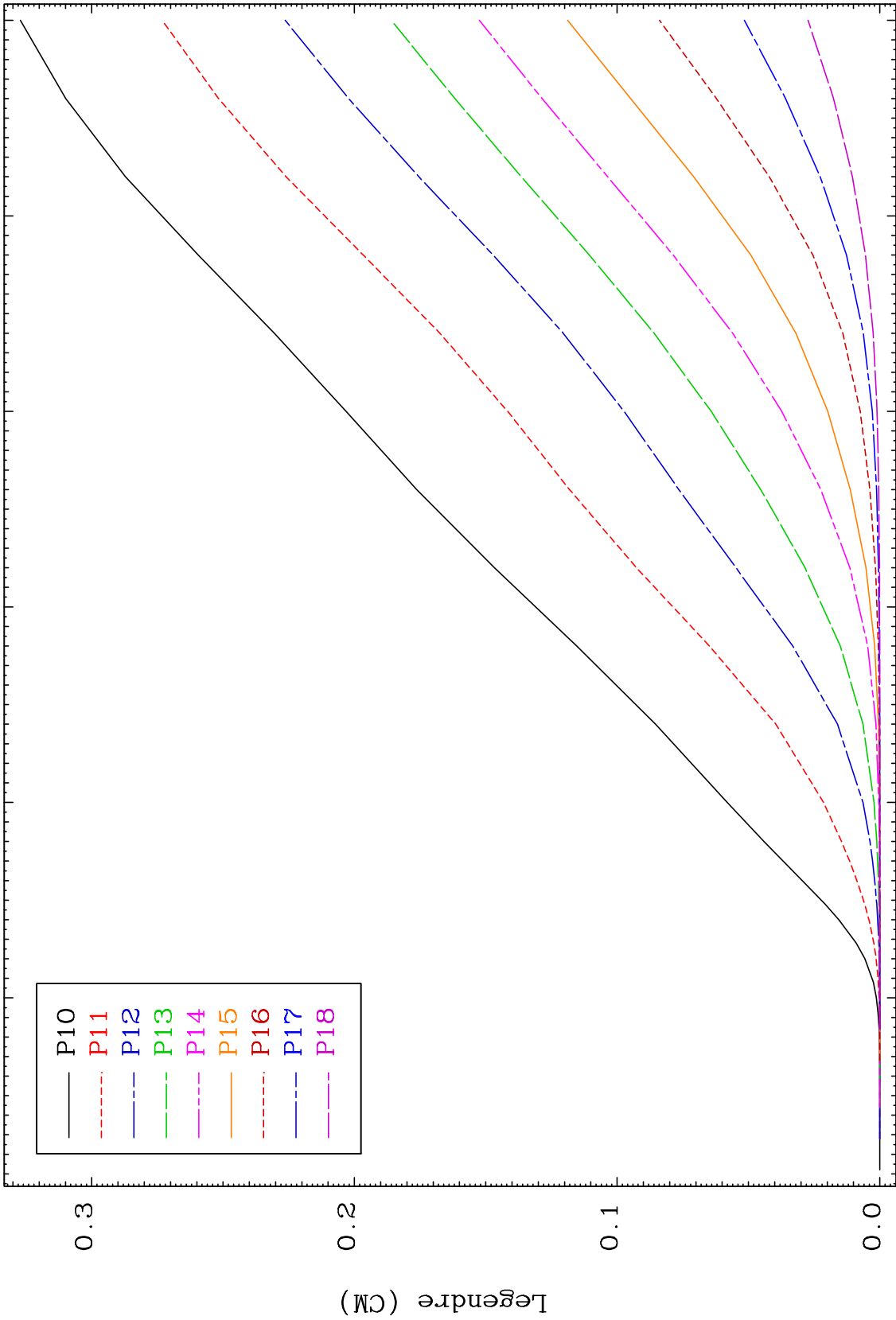




MAT 5743

Elastic Legendre Coefficients

57-La-144



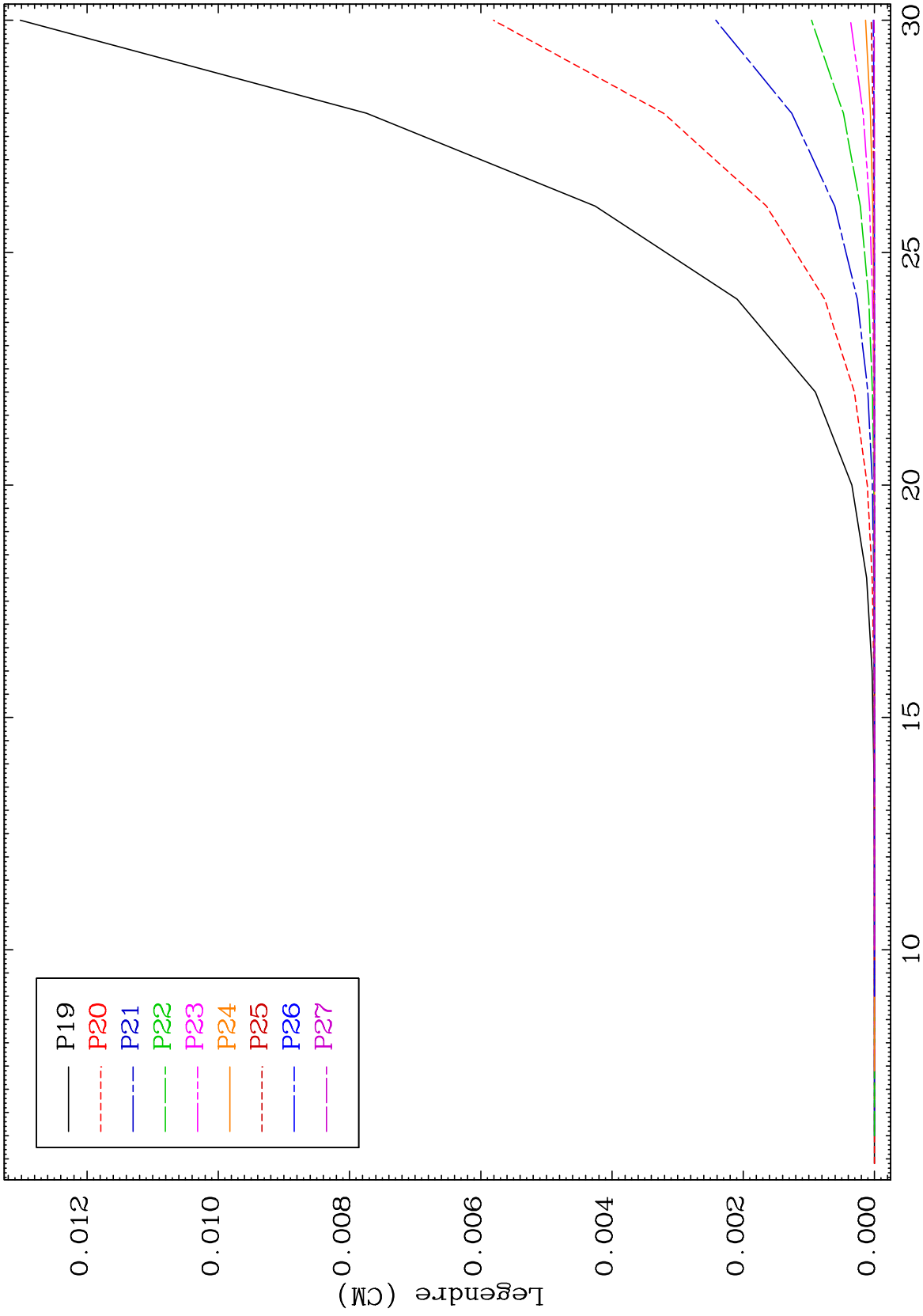
17

57-La-144

MAT 5743

Elastic Legendre Coefficients

57-La-144



18

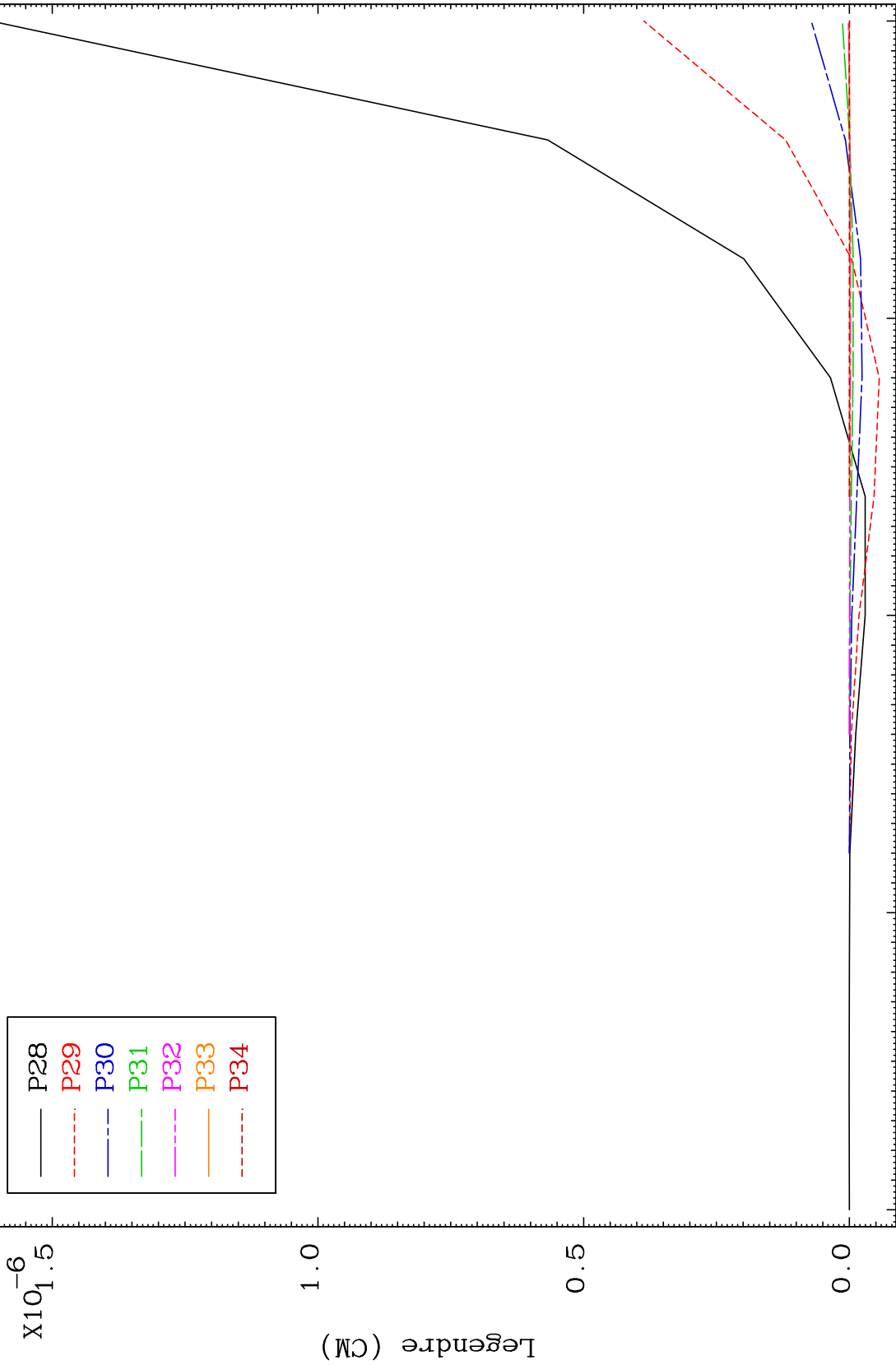
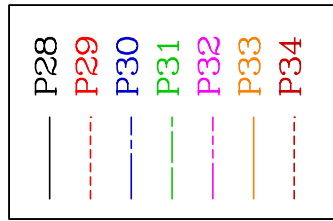
Incident Energy (MeV)

57-La-144

MAT 5743

Elastic
Legendre Coefficients

57-La-144

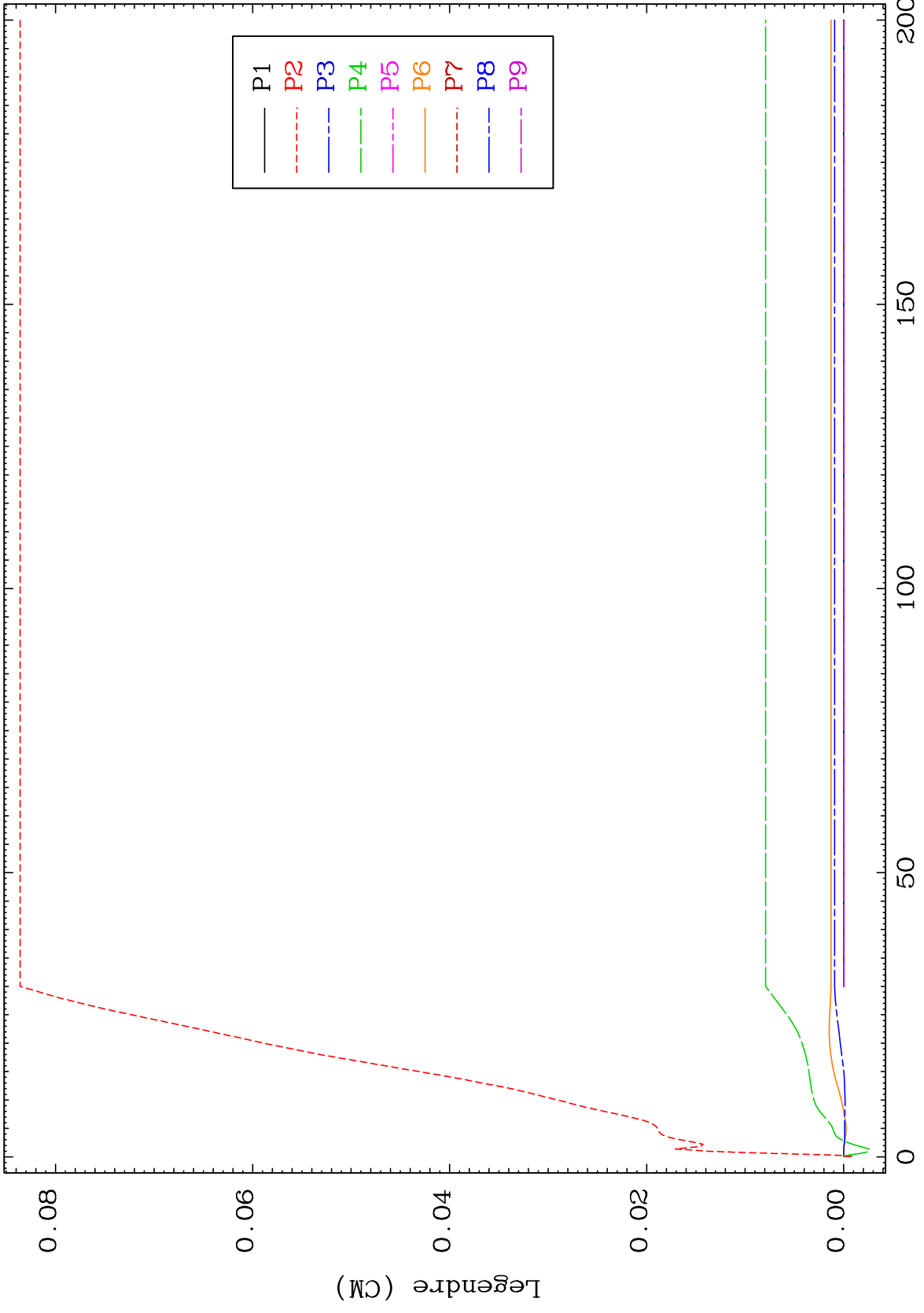


19

Incident Energy (MeV)

57-La-144

MAT 5743 MT= 51 (n,n') Level Legendre Coefficients 57-La-144

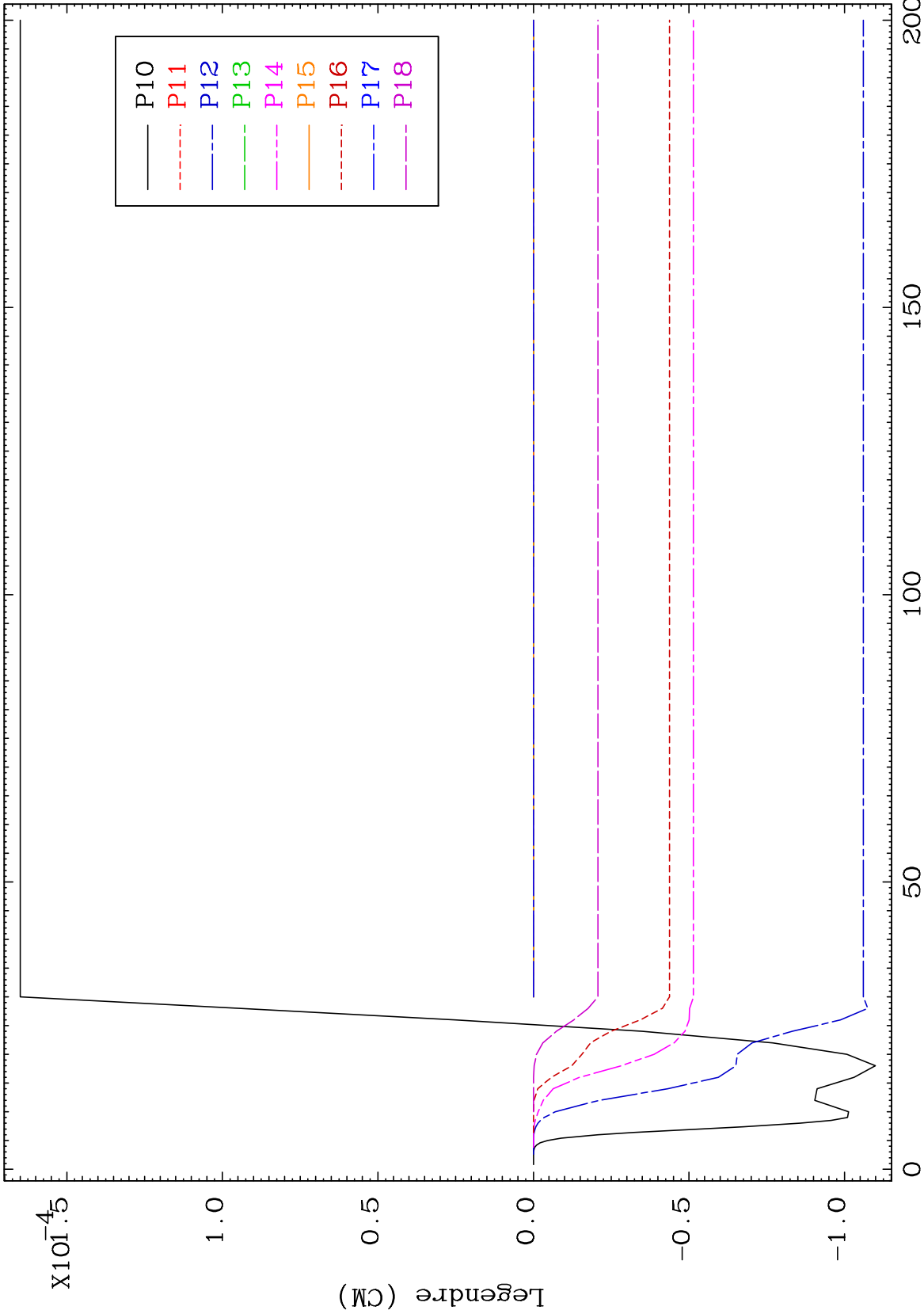


57-La-144

MAT 5743

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

57-La-144



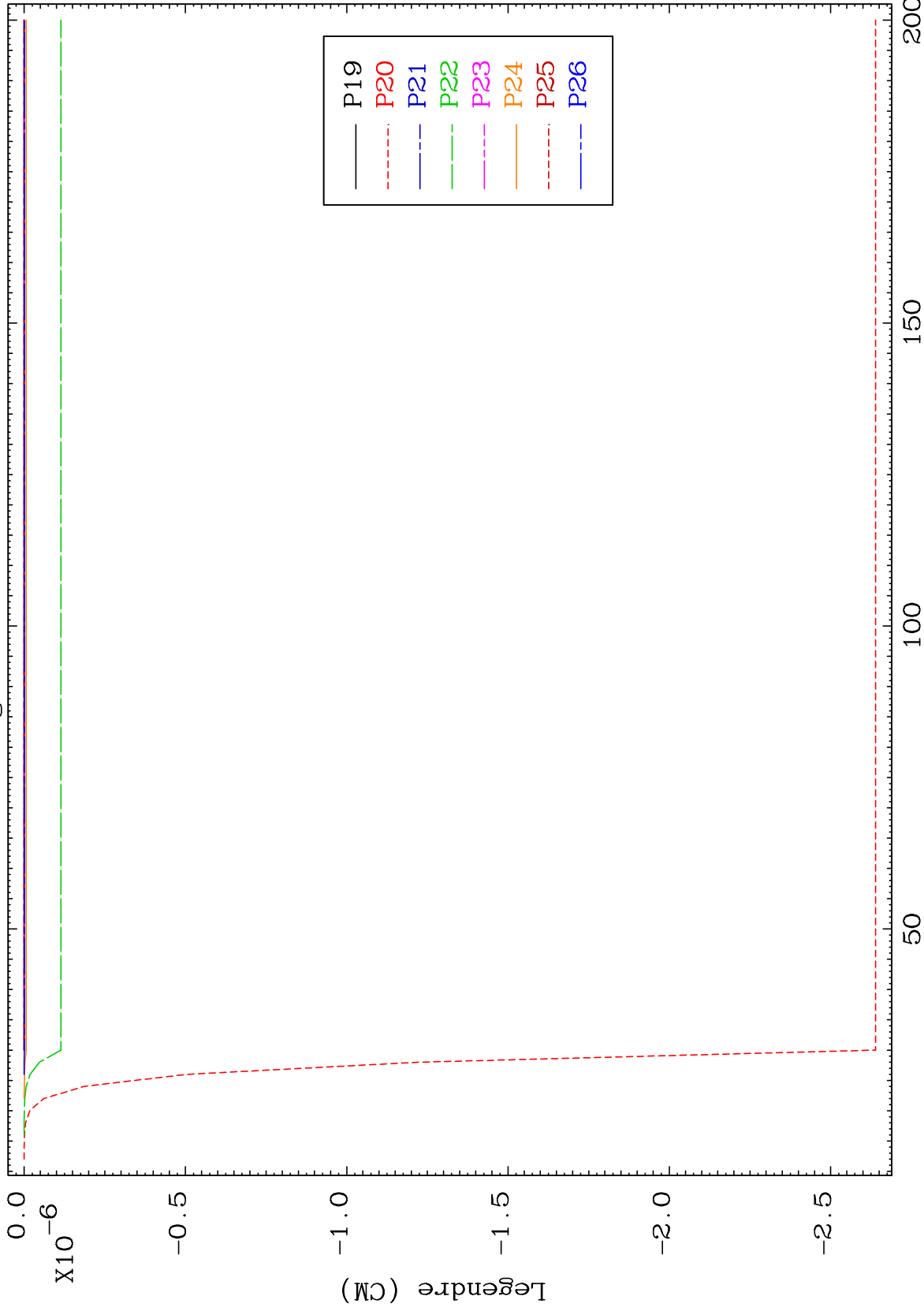
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57-La-144

MAT 5743

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

57-La-144



22

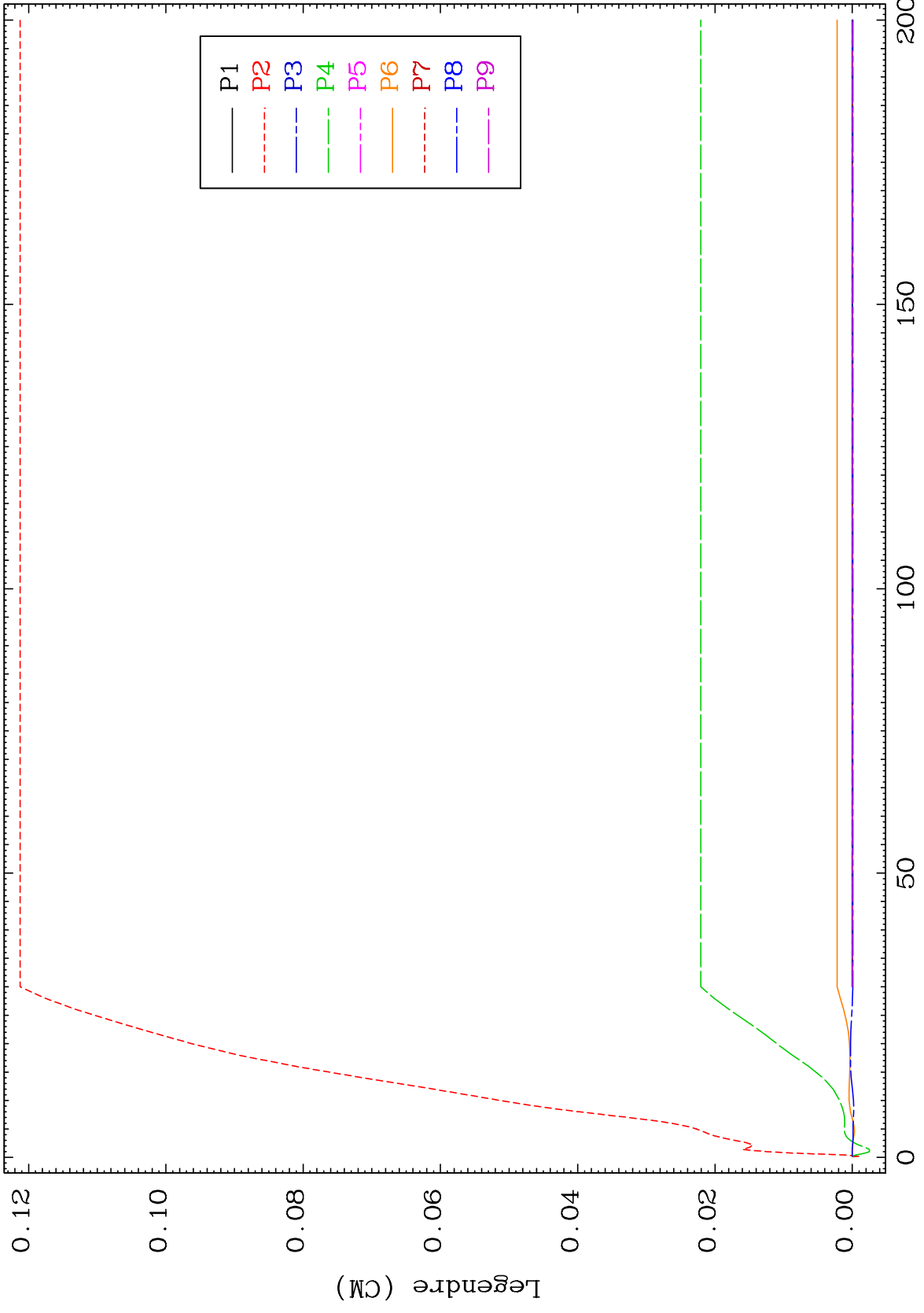
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



23

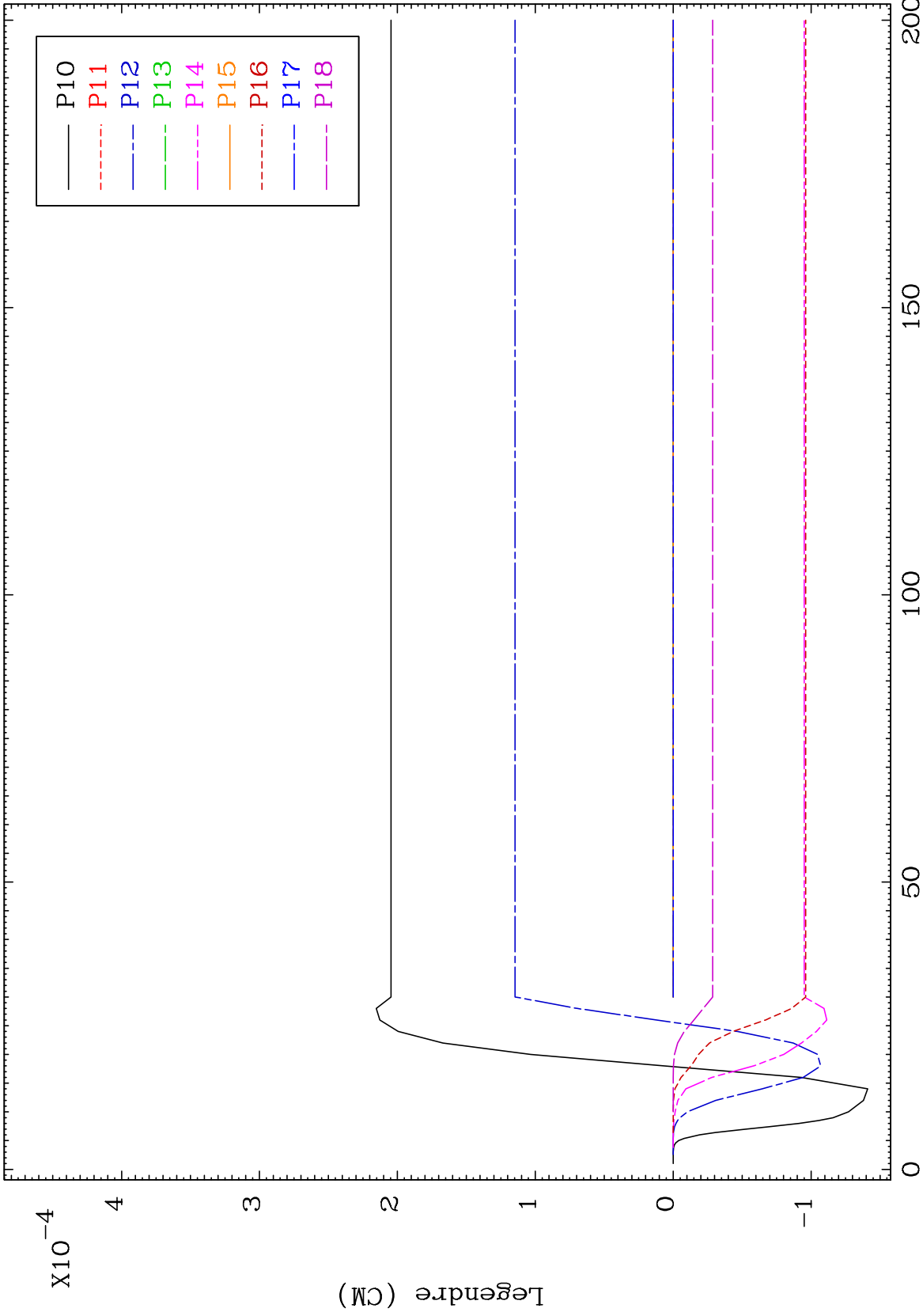
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



24

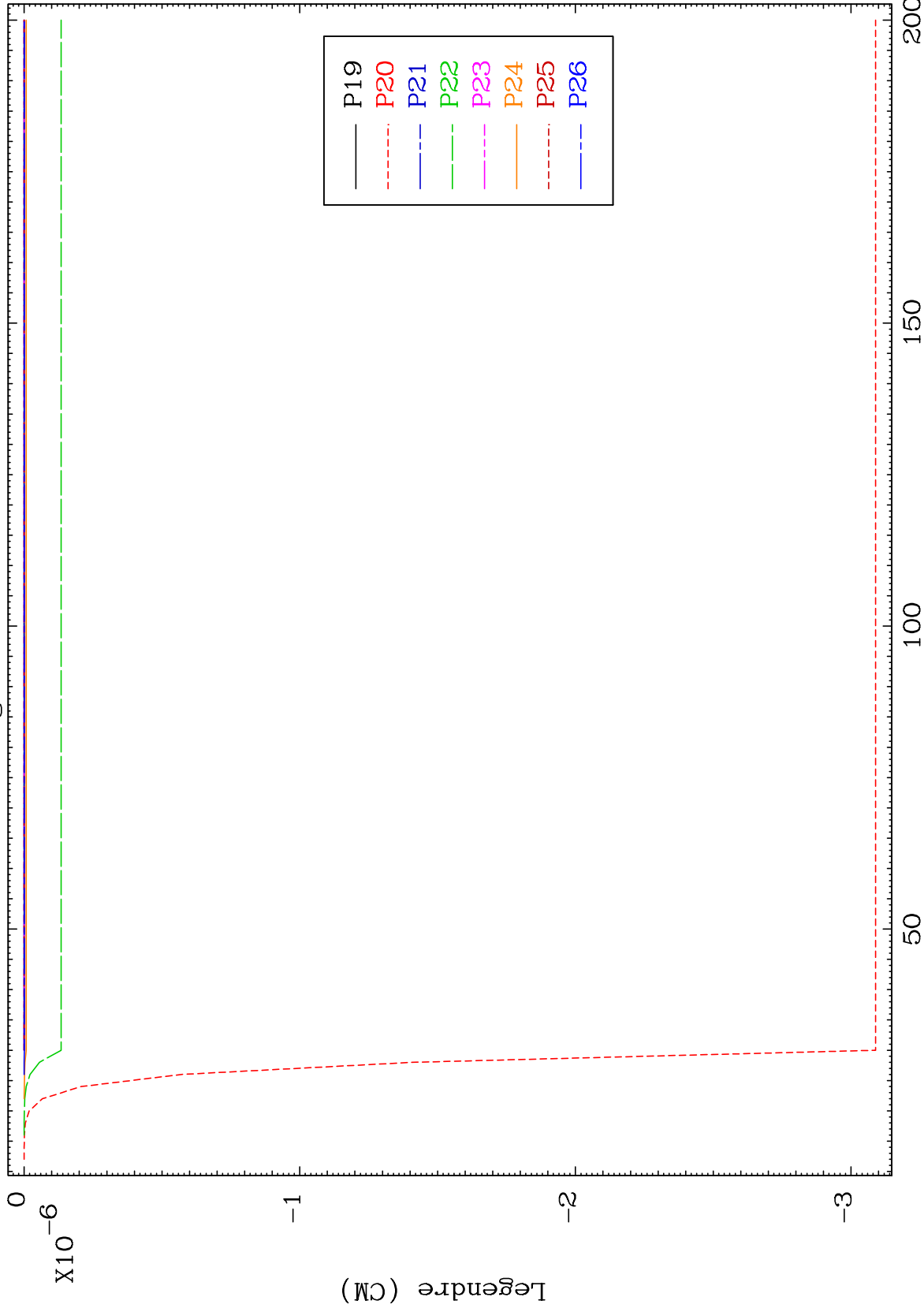
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



25

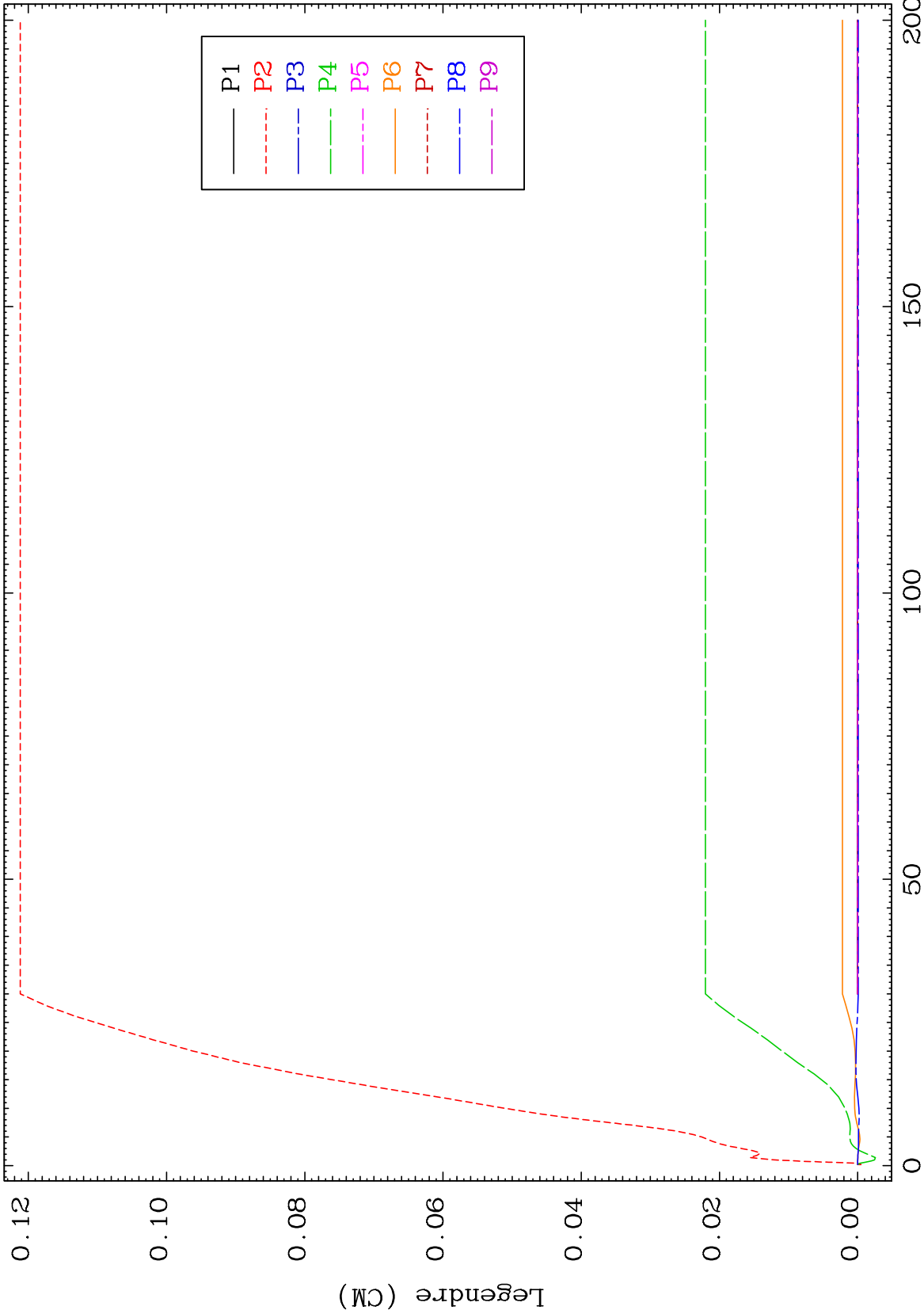
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



26

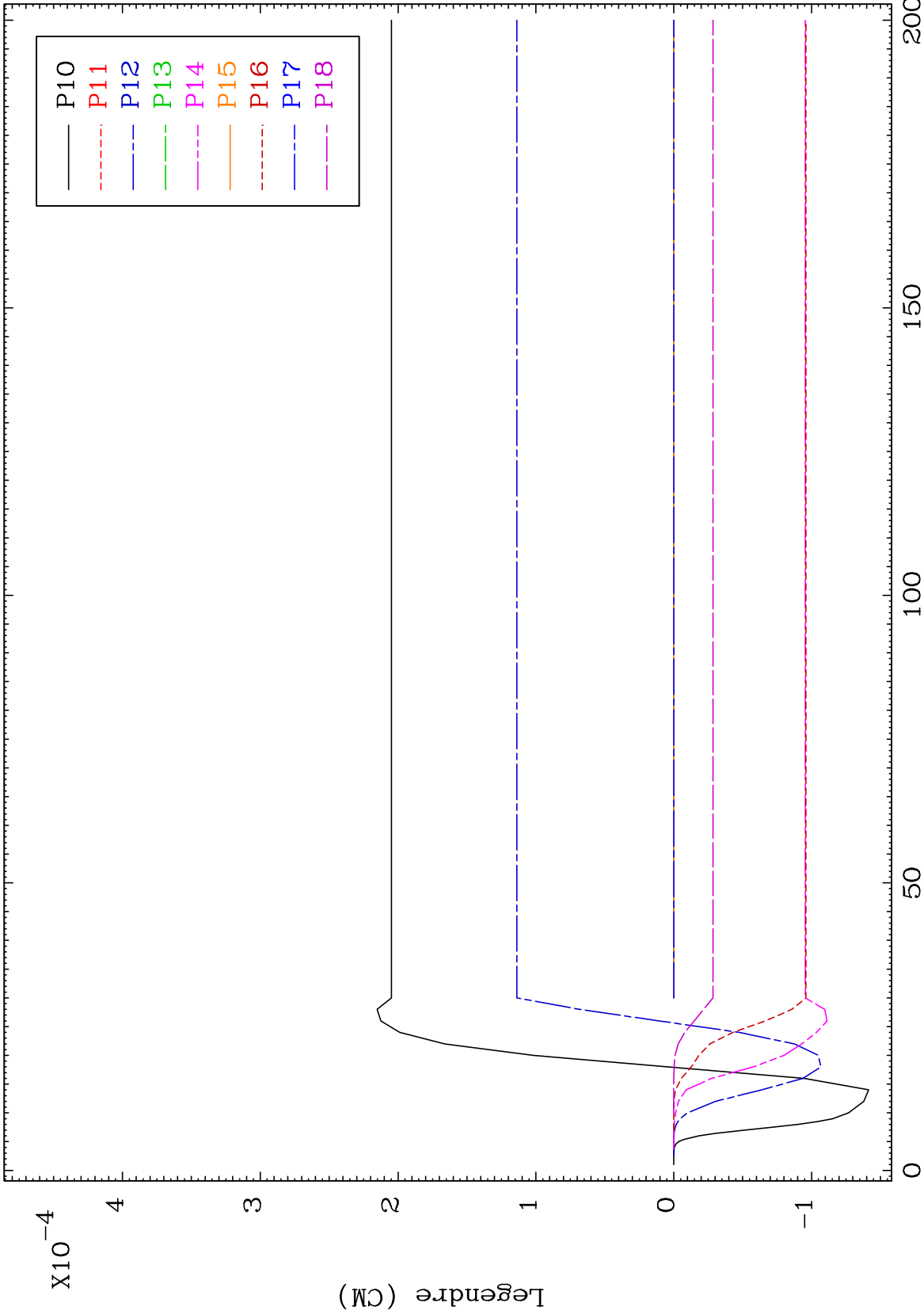
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



27

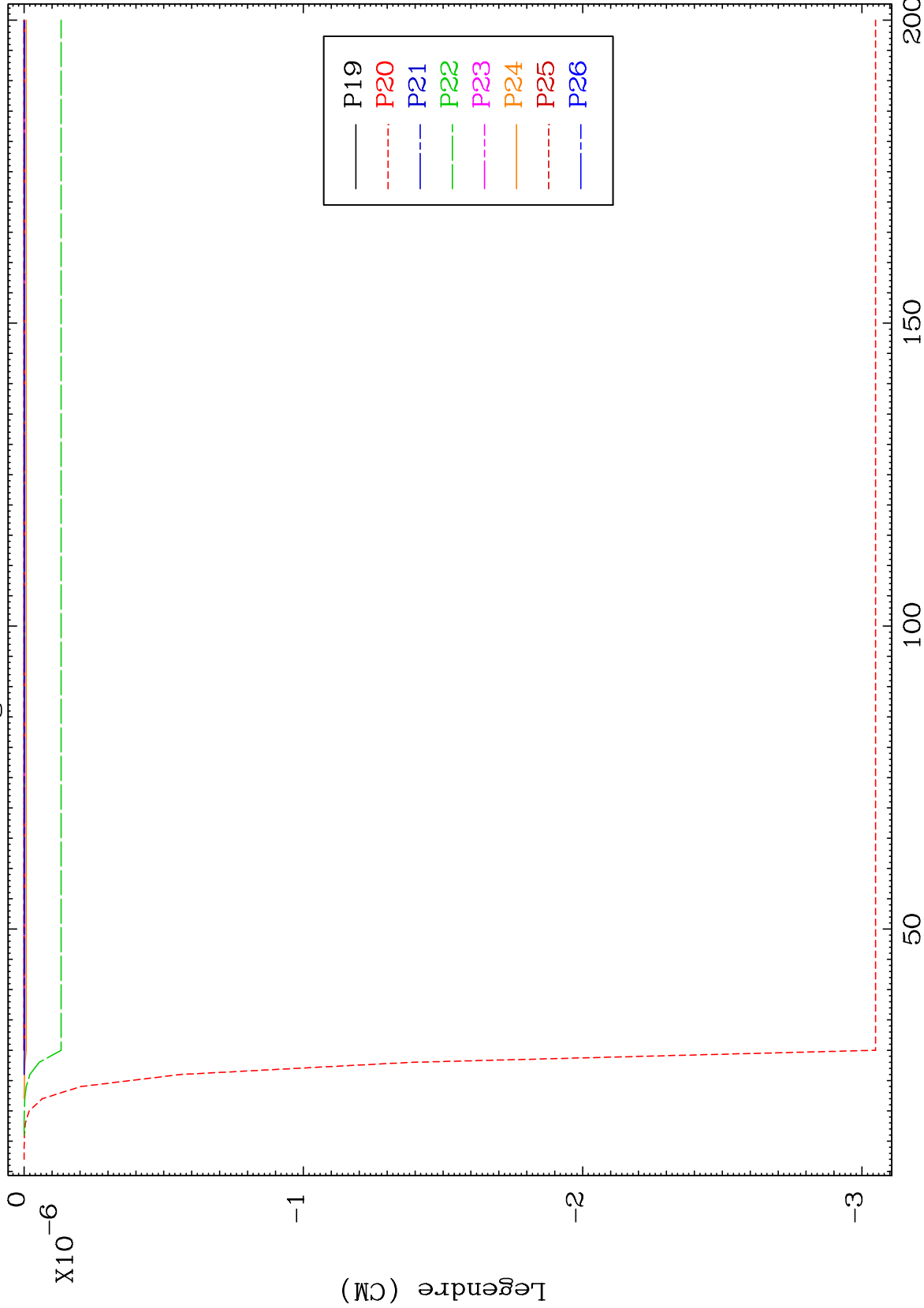
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



28

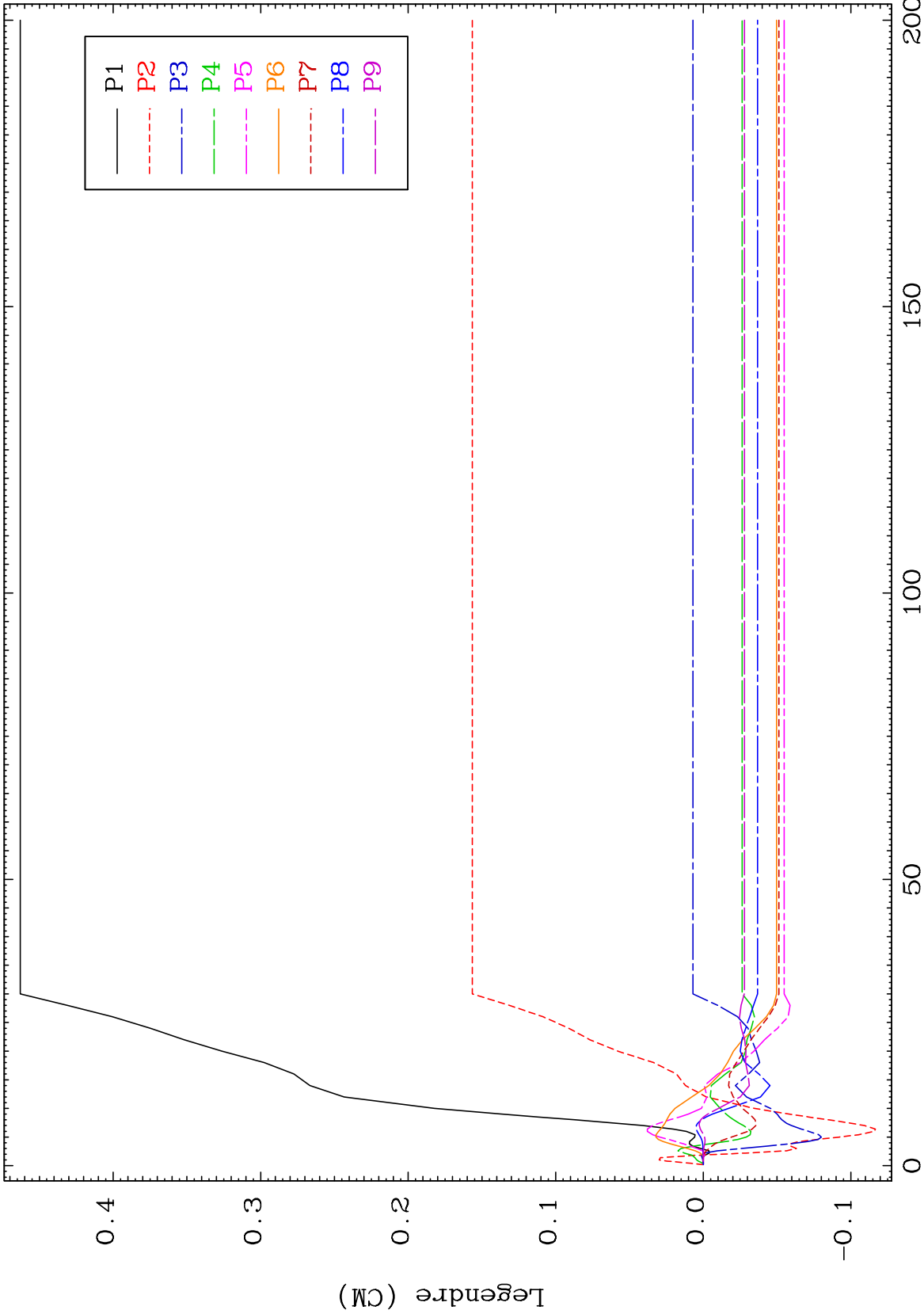
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



29

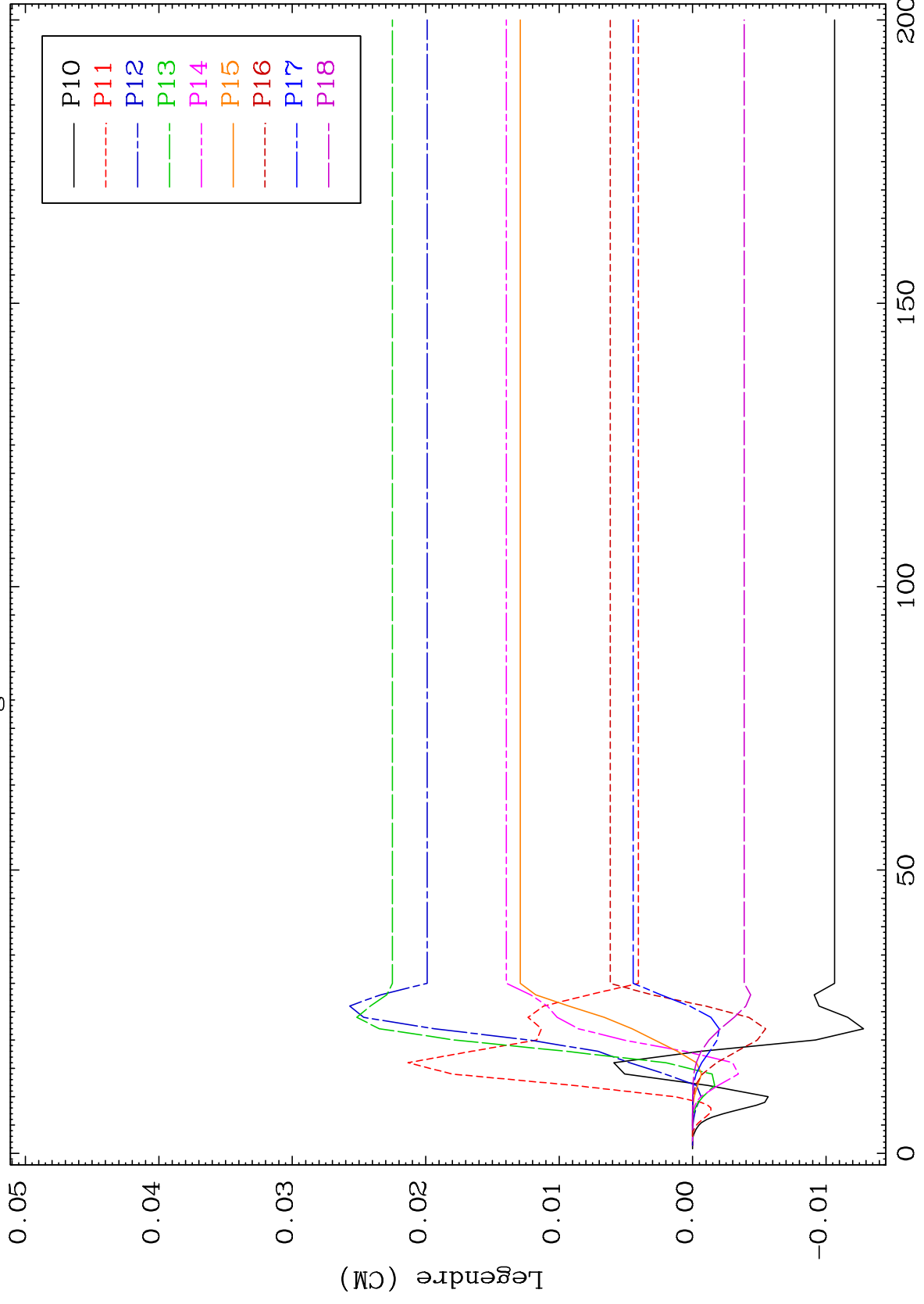
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



57-La-144

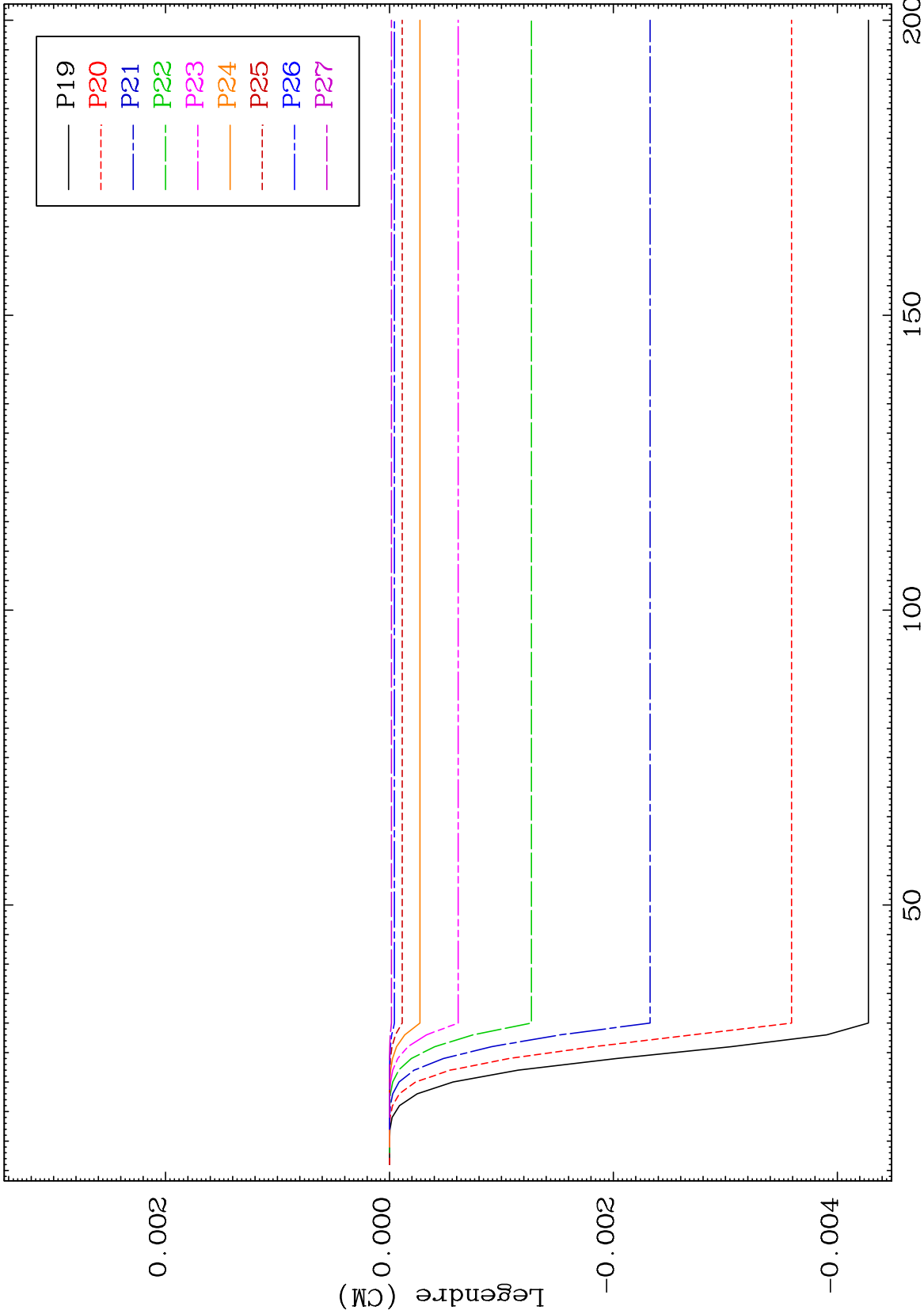
Incident Energy (MeV)

30

MAT 5743

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

57-La-144



31

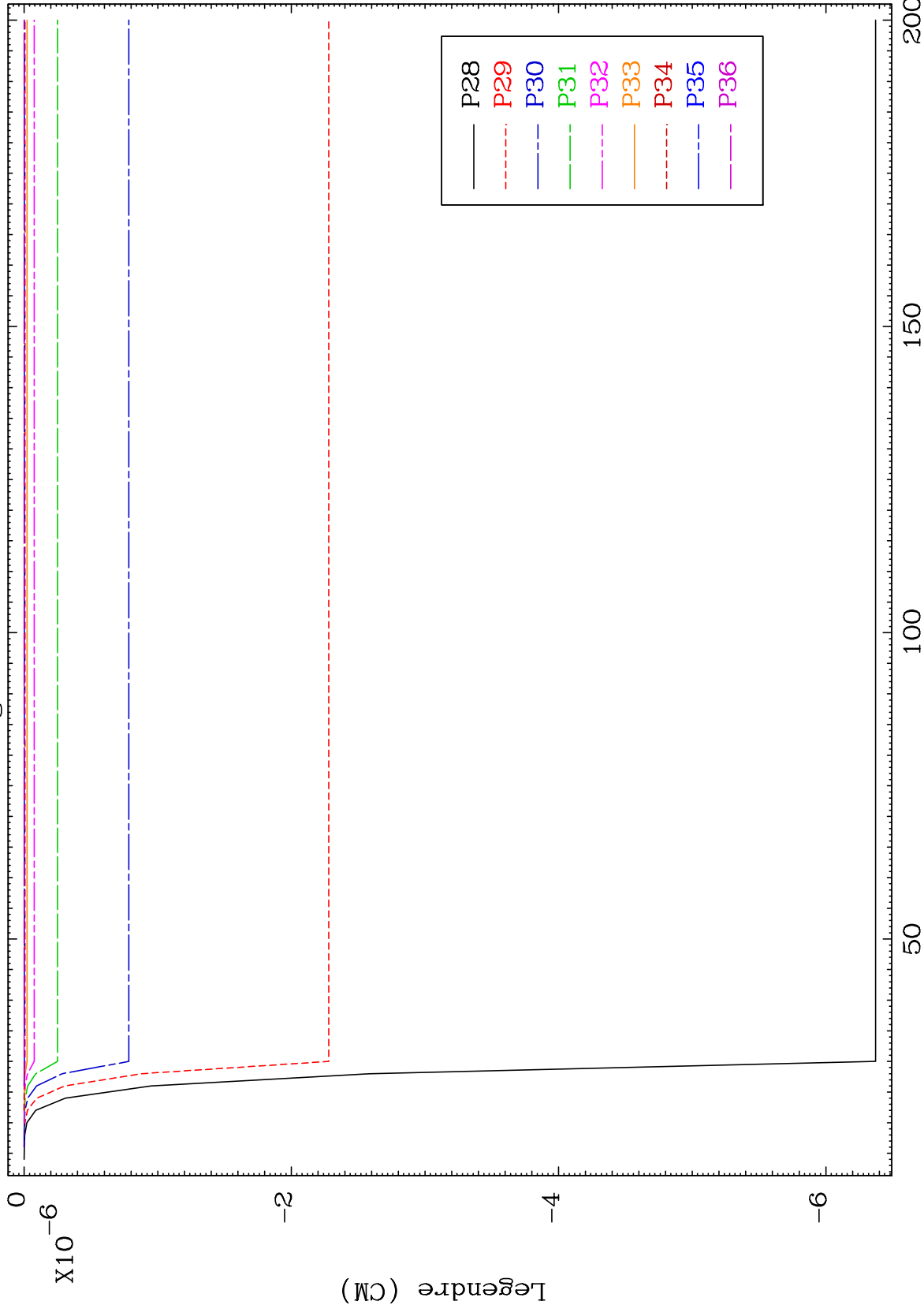
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



57-La-144

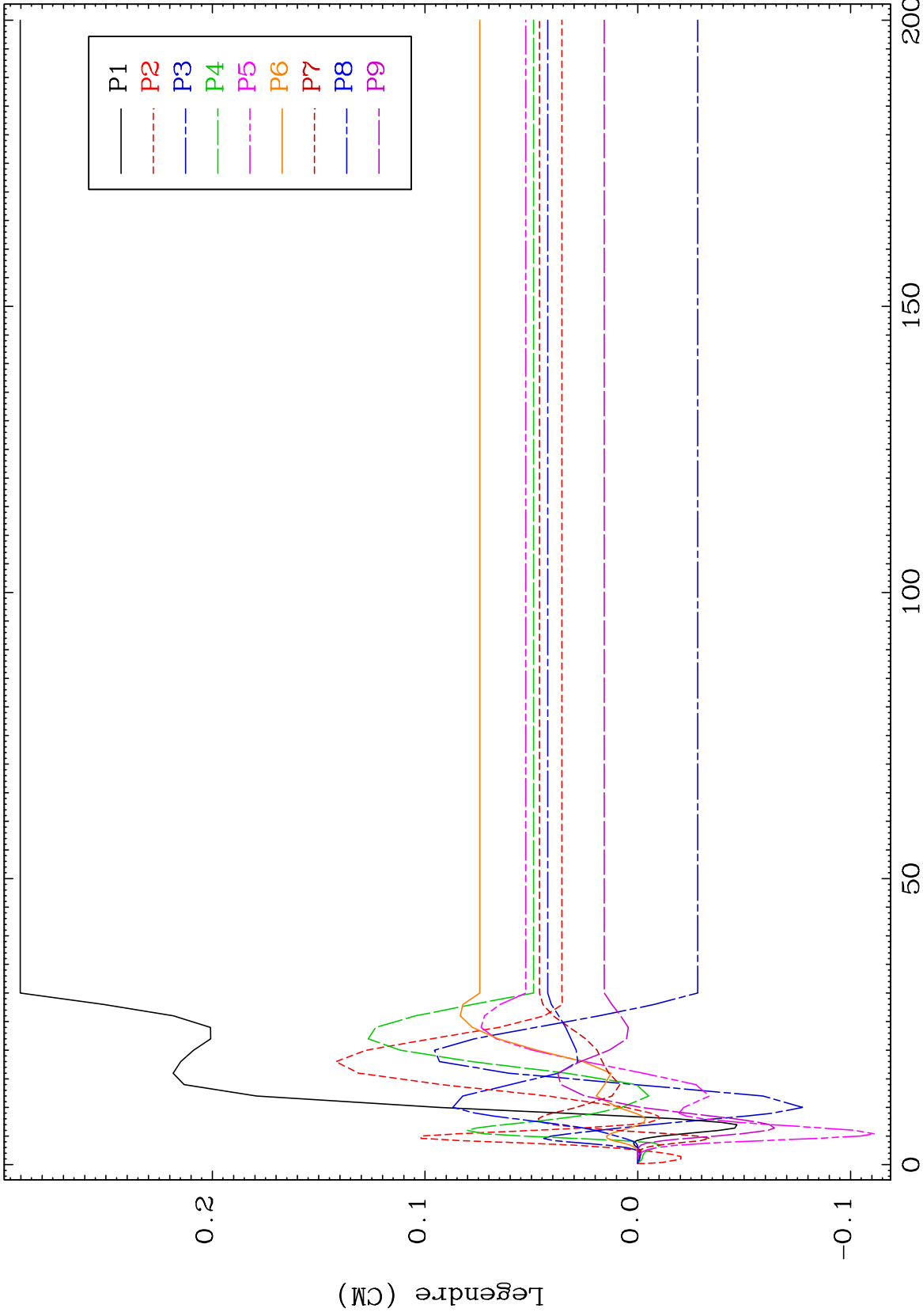
Incident Energy (MeV)

32

MAT 5743

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

57-La-144



33

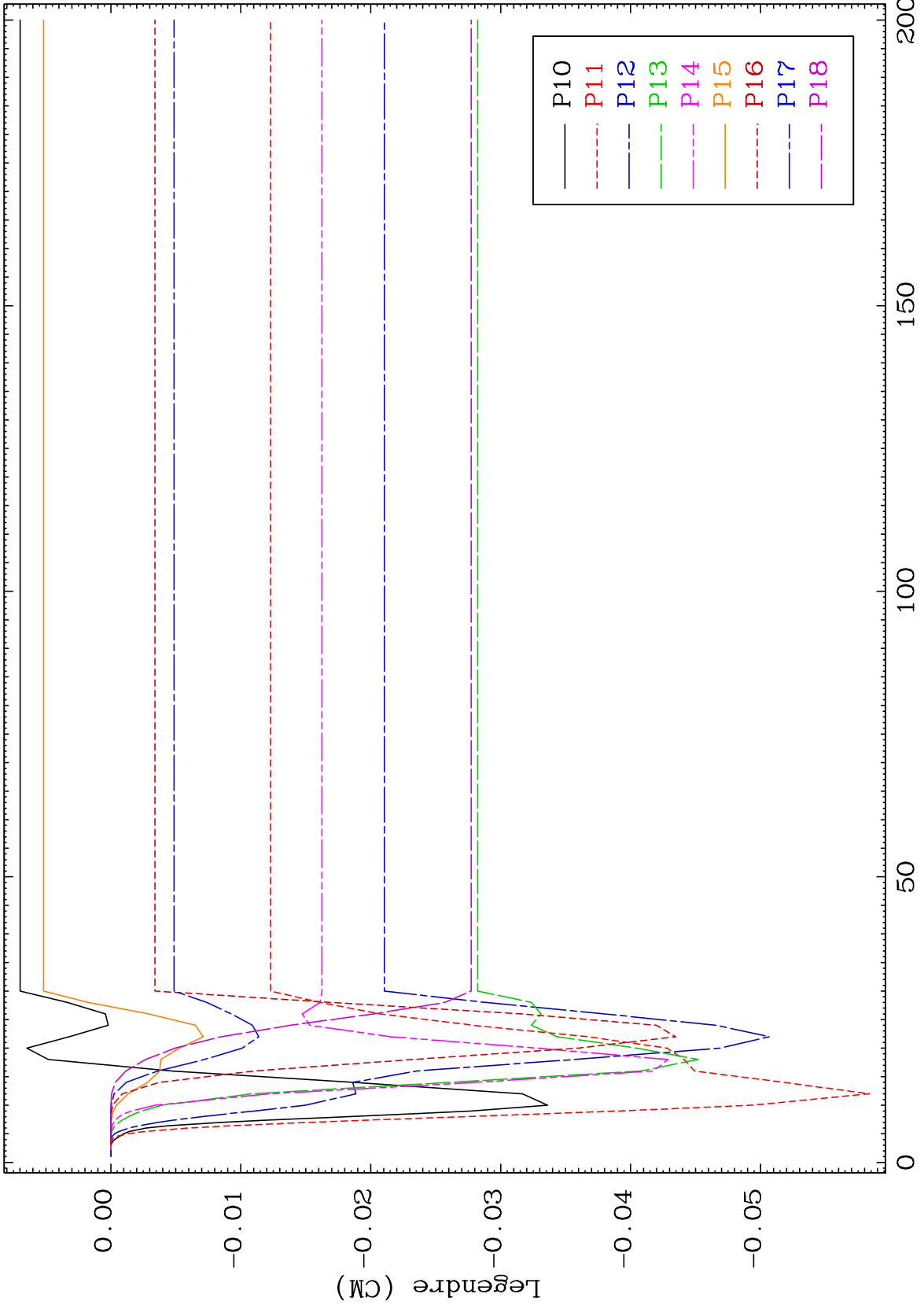
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144

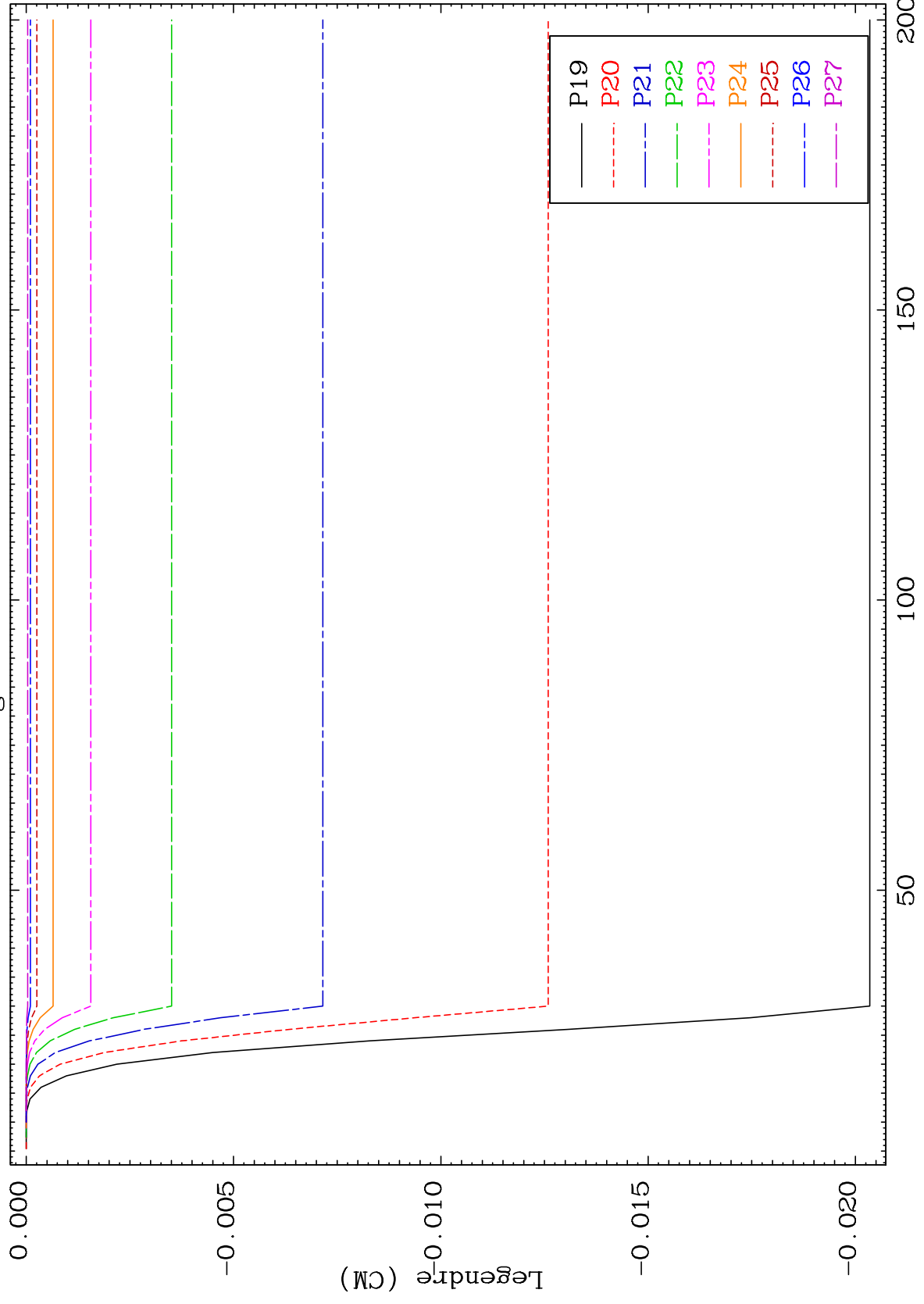


34

Incident Energy (MeV)

57-La-144

MAT 5743 MT= 55 (n,n') Level Legendre Coefficients 57-La-144

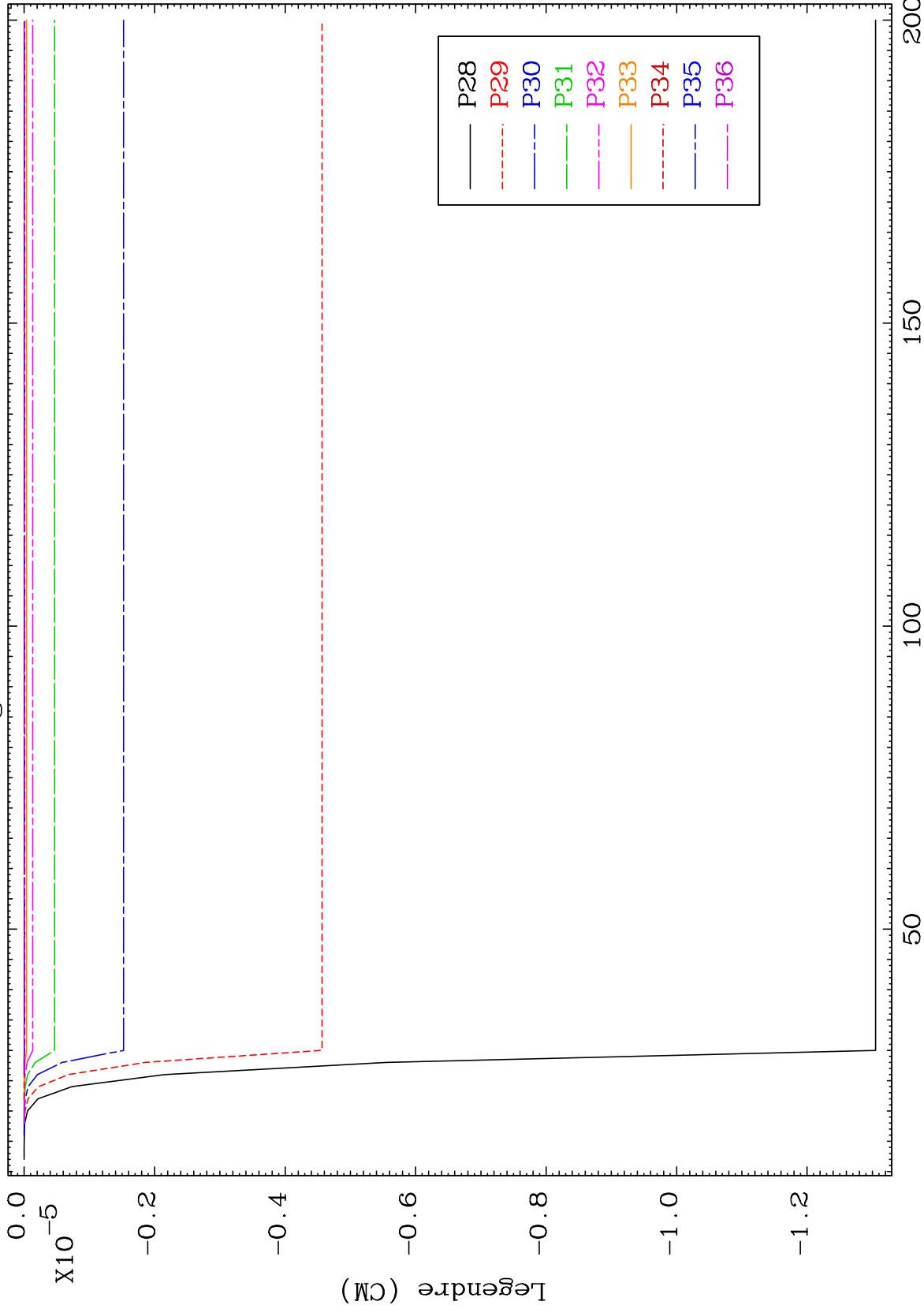


35 57-La-144

MAT 5743

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

57-La-144



57-La-144

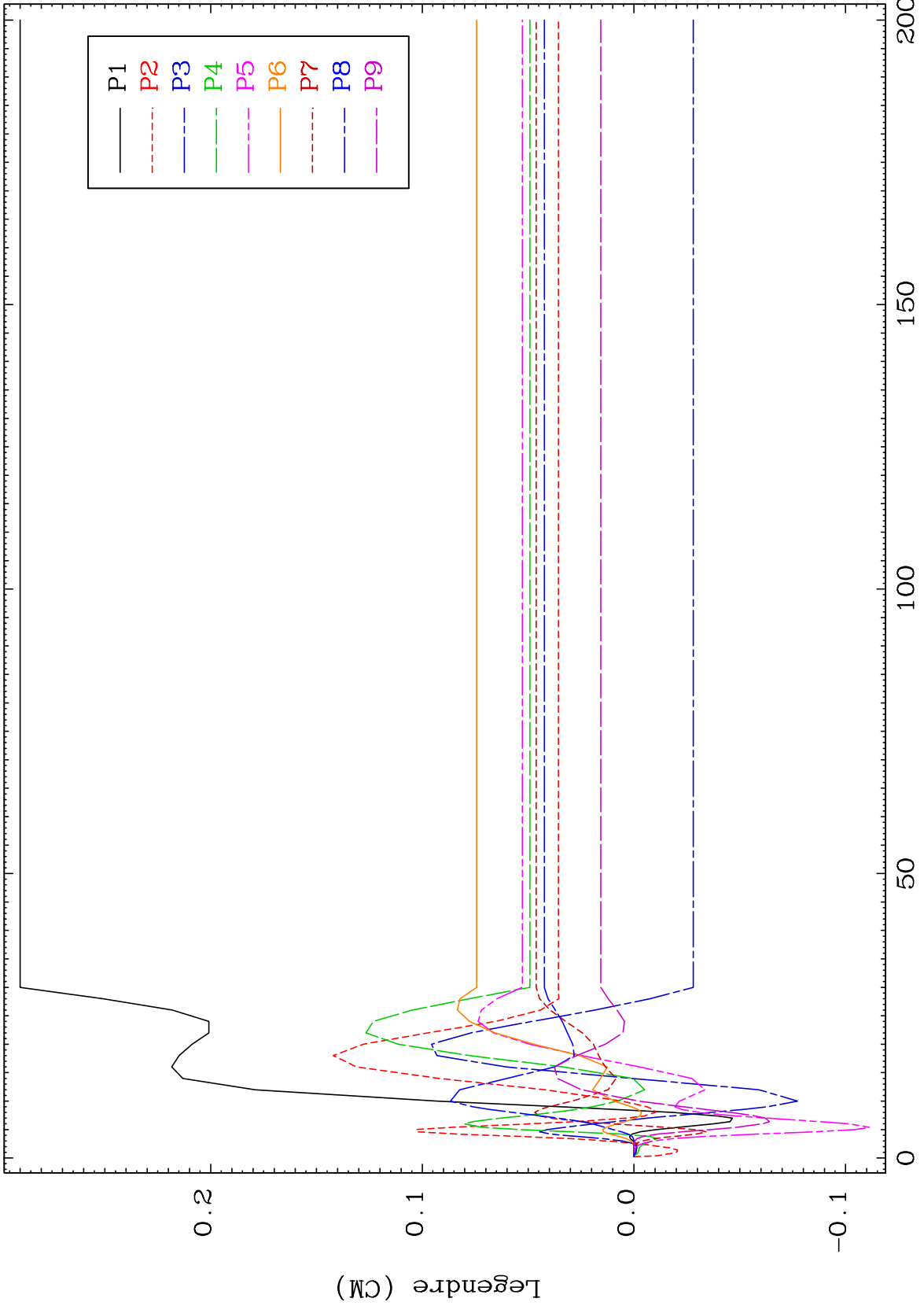
Incident Energy (MeV)

36

MAT 5743

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

57-La-144



37

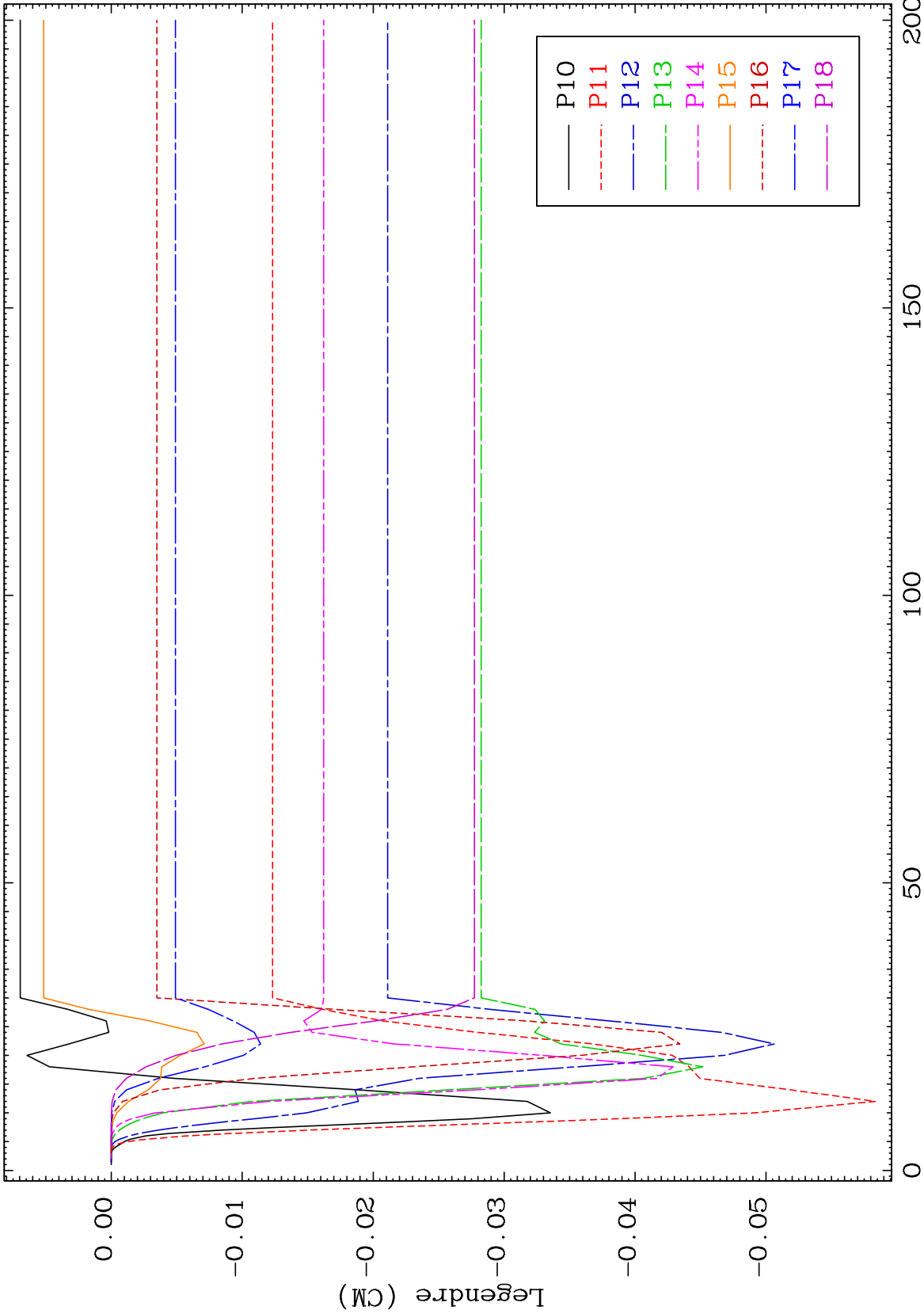
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144

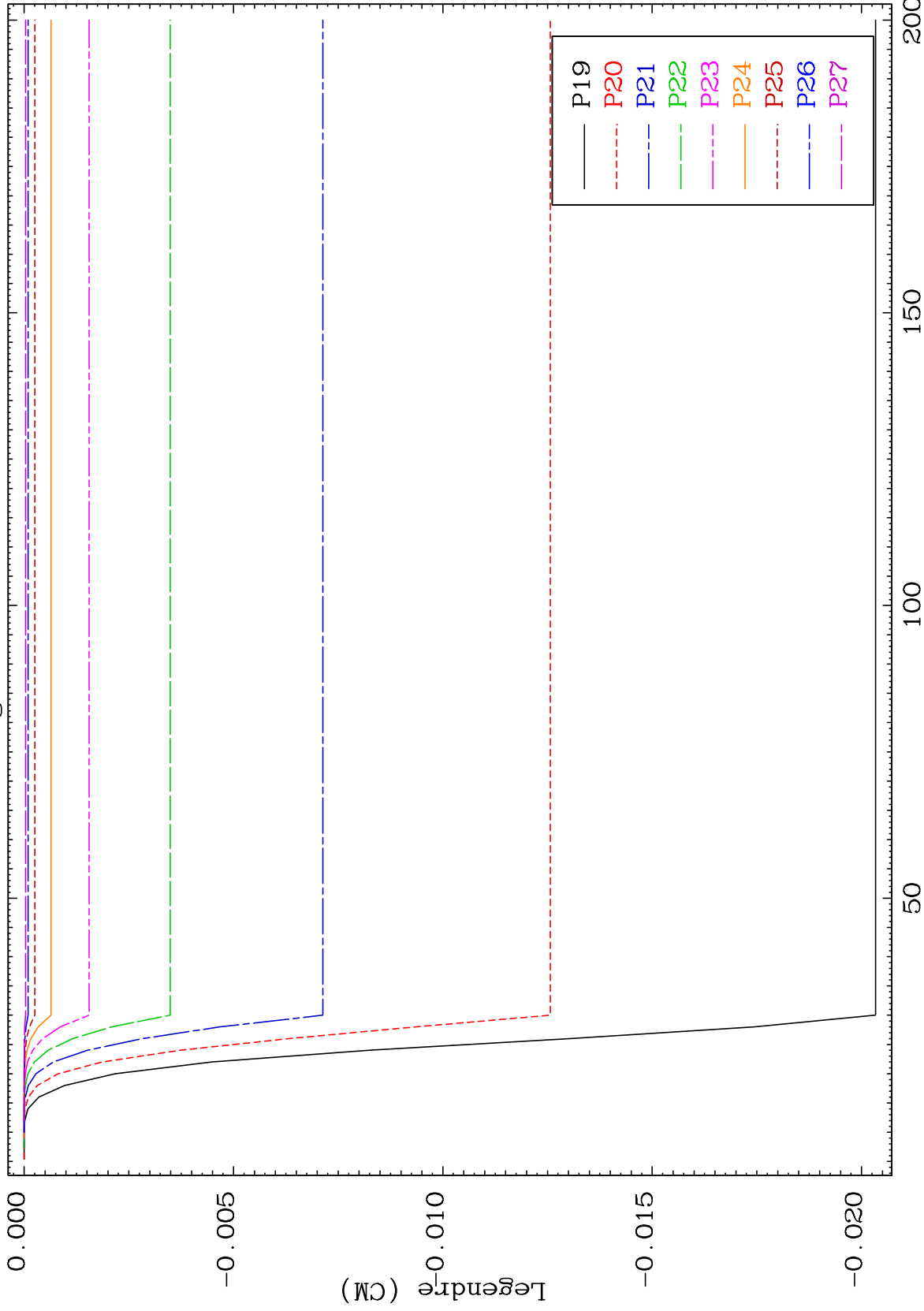


38

Incident Energy (MeV)

57-La-144

MAT 5743 MT= 56 (n,n') Level Legendre Coefficients 57-La-144

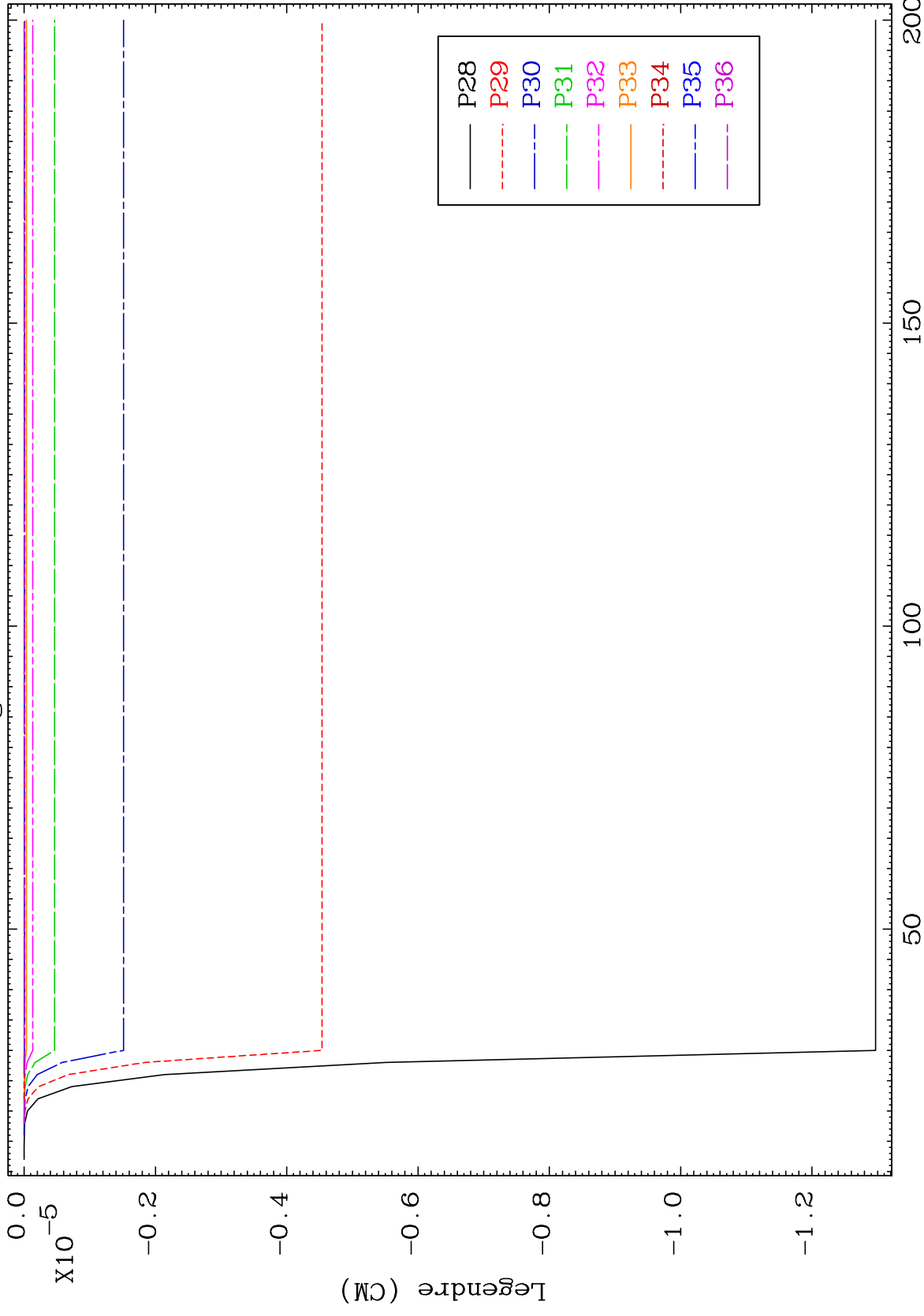


39 57-La-144

MAT 5743

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

57-La-144



57-La-144

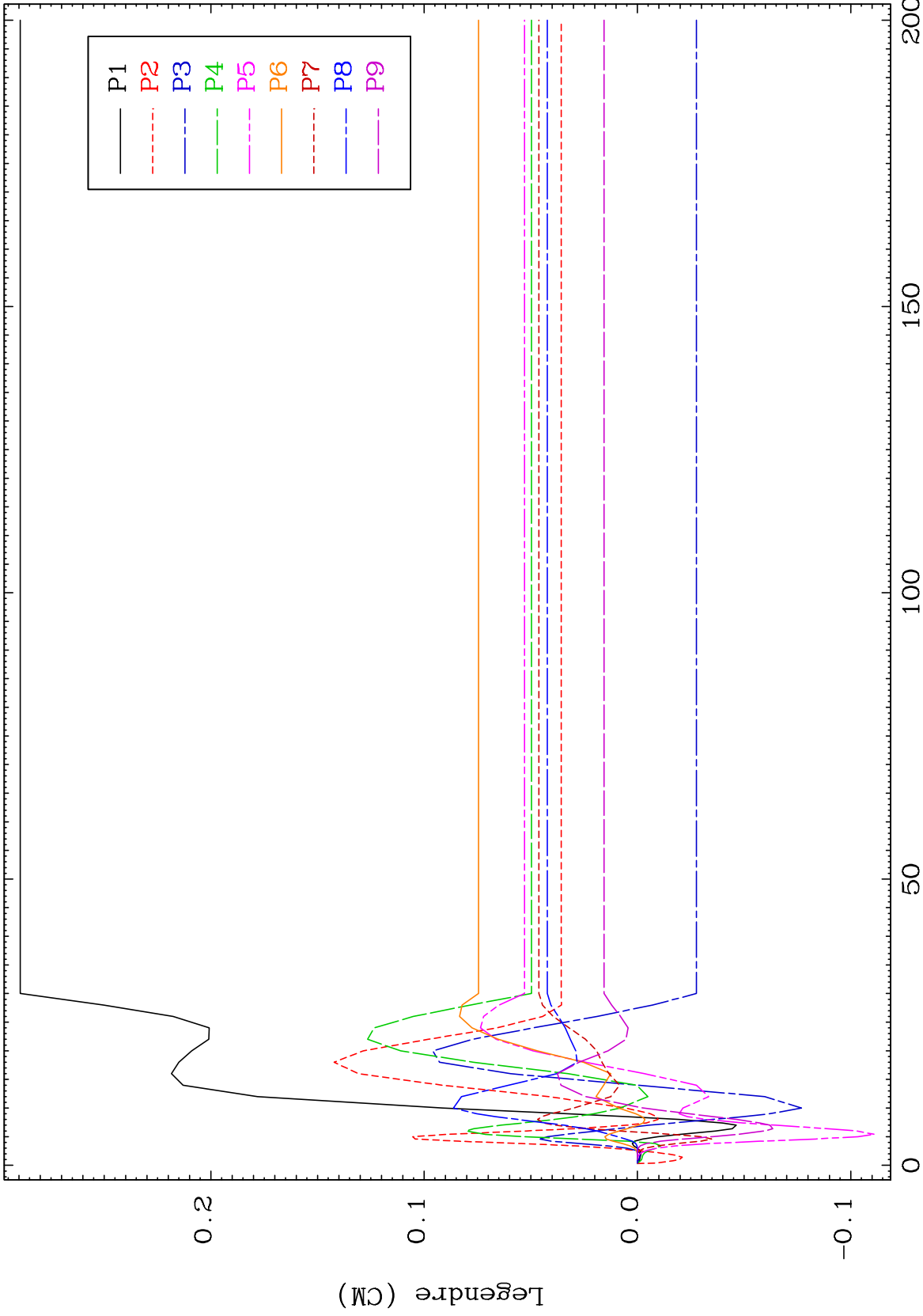
Incident Energy (MeV)

40

MAT 5743

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

57-La-144



41

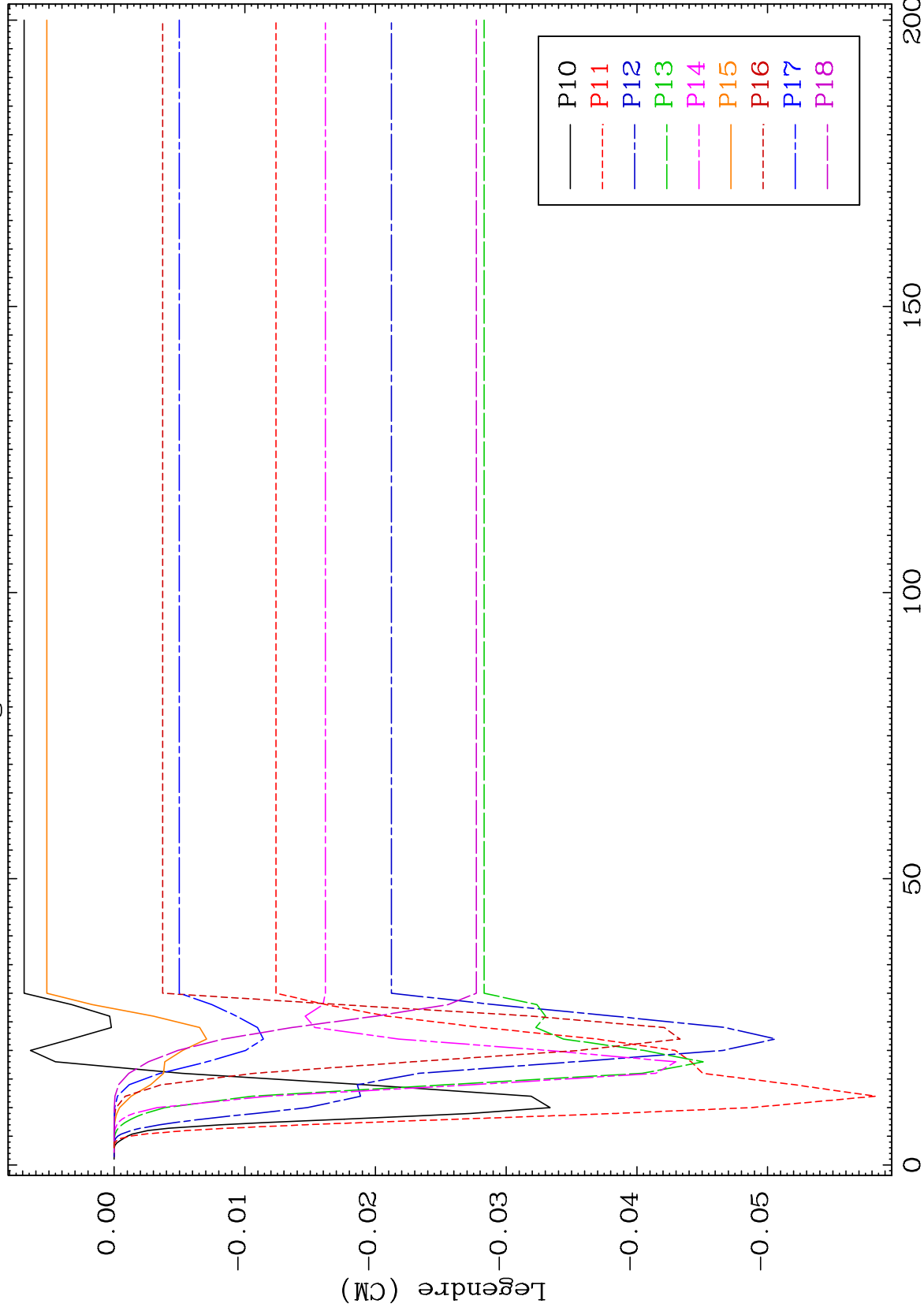
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144

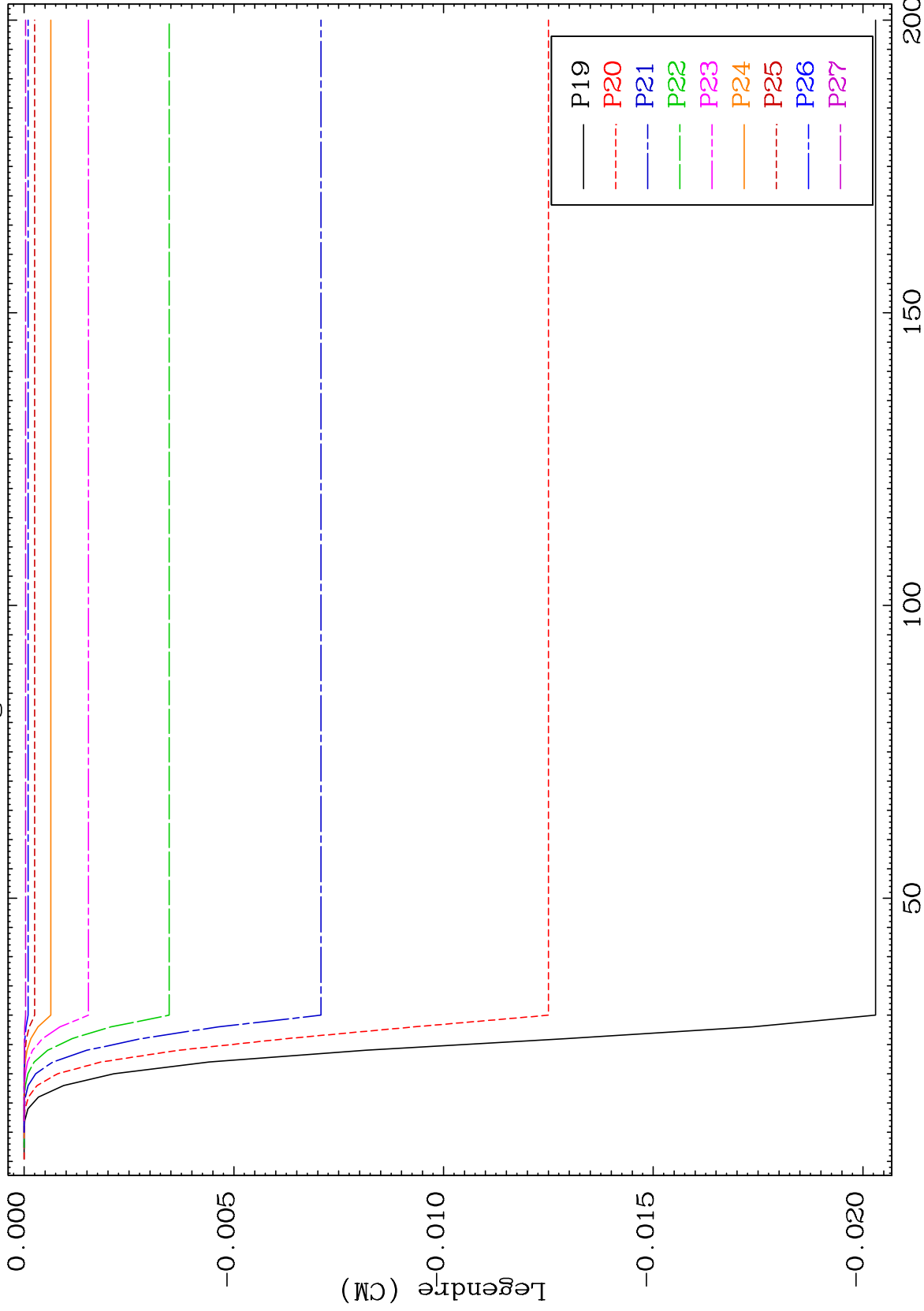


42

Incident Energy (MeV)

57-La-144

MAT 5743 MT= 57 (n,n') Level Legendre Coefficients 57-La-144

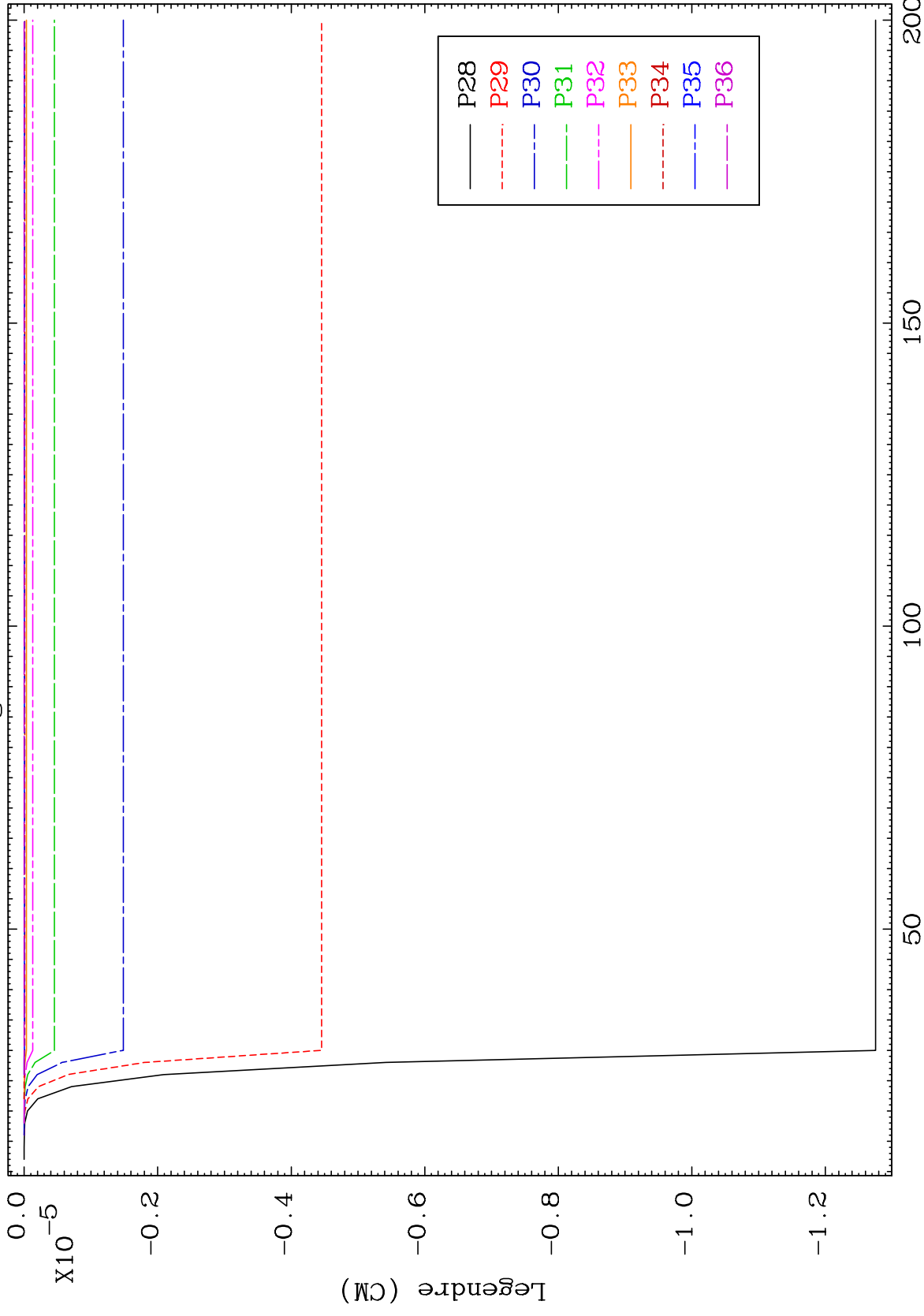


43 57-La-144

MAT 5743

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

57-La-144



57-La-144

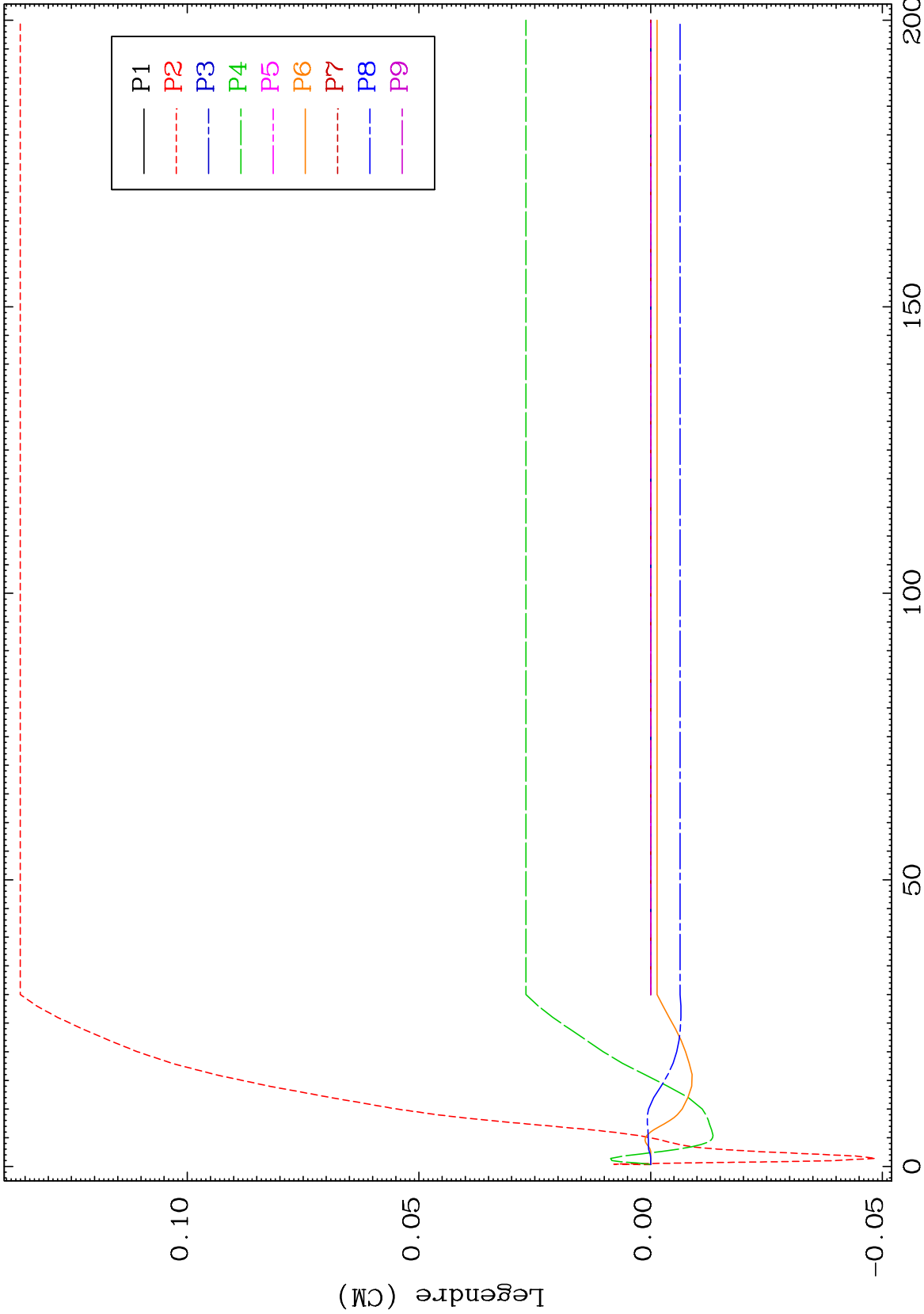
Incident Energy (MeV)

44

MAT 5743

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

57-La-144



45

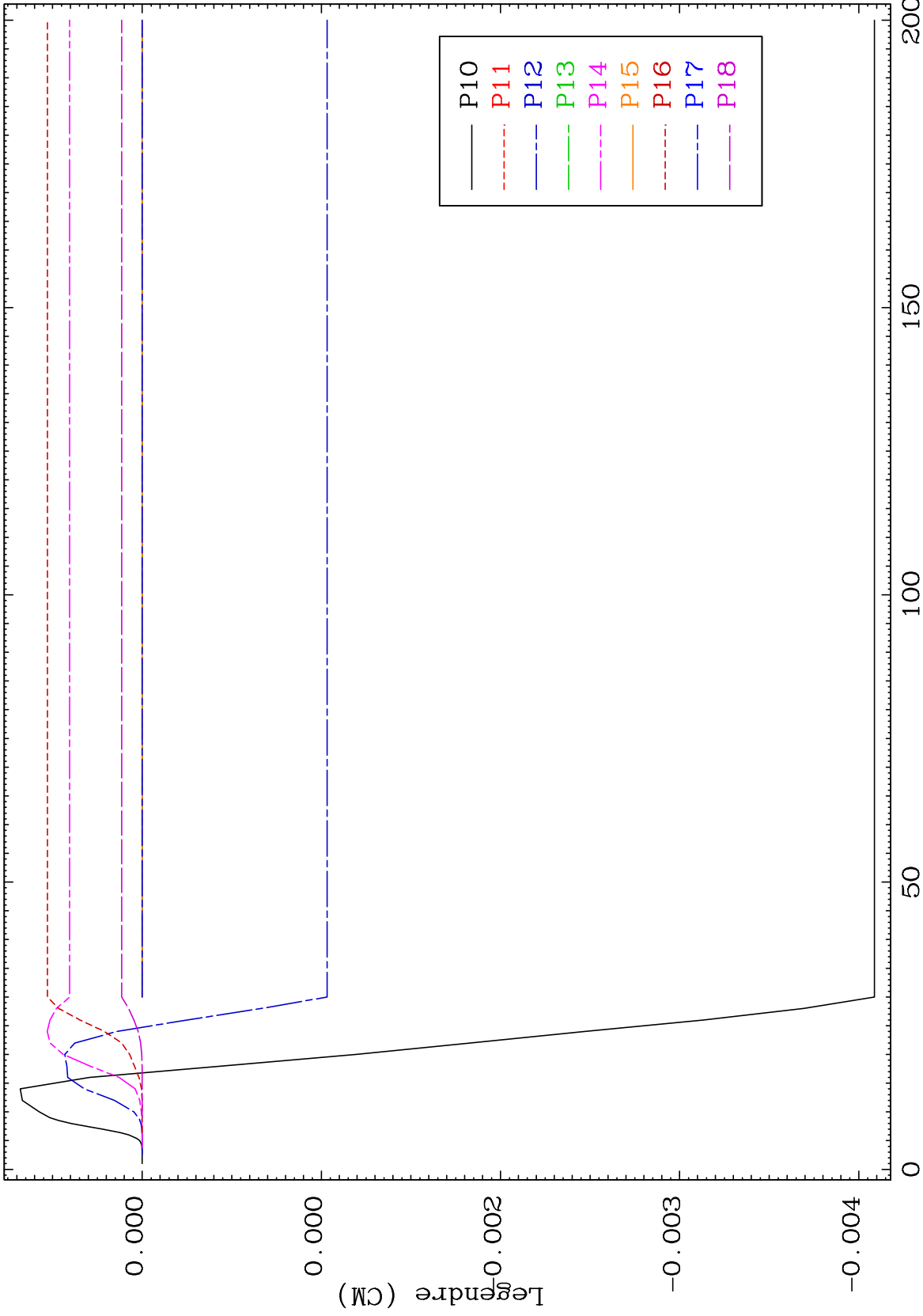
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



46

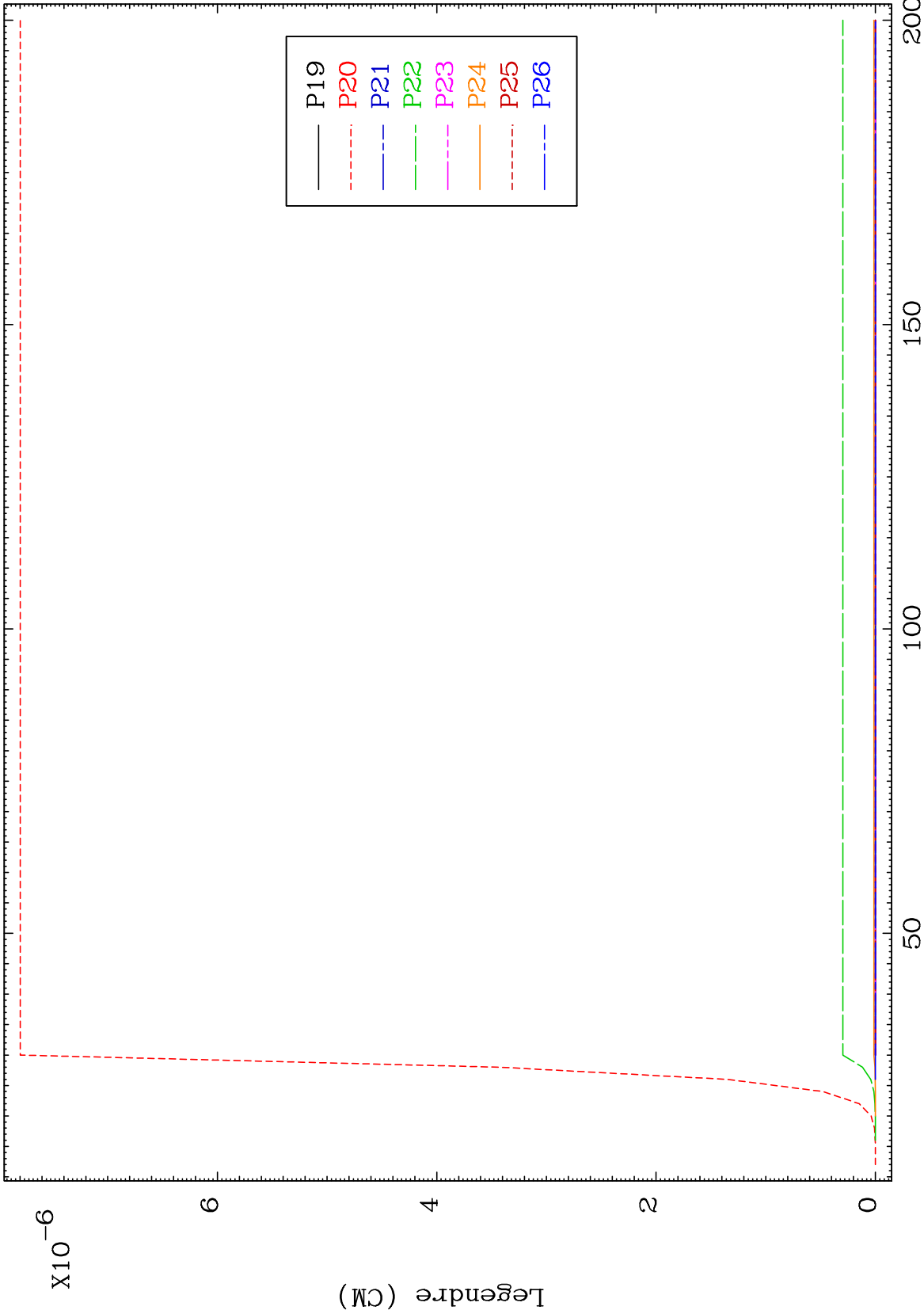
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



47

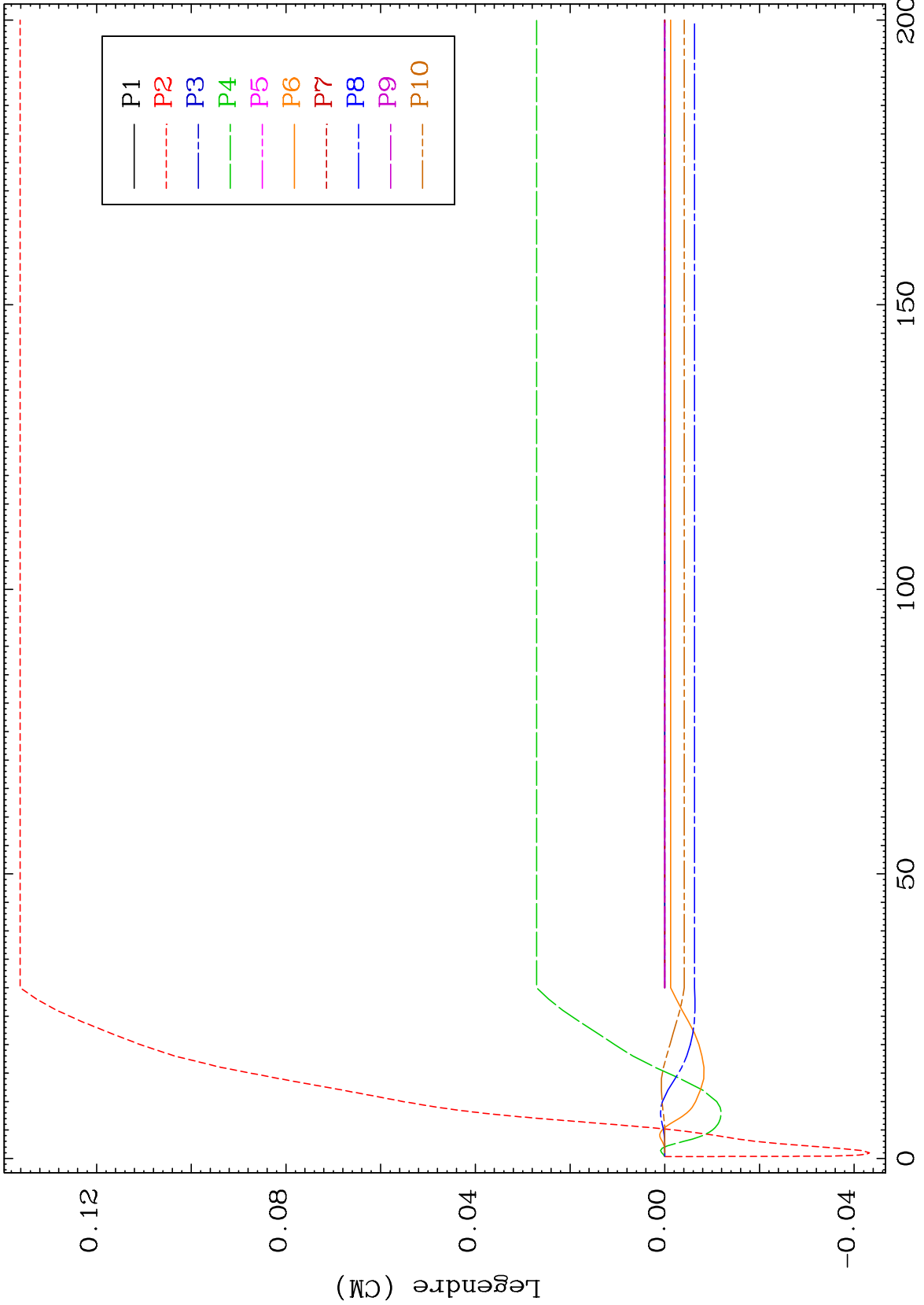
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



48

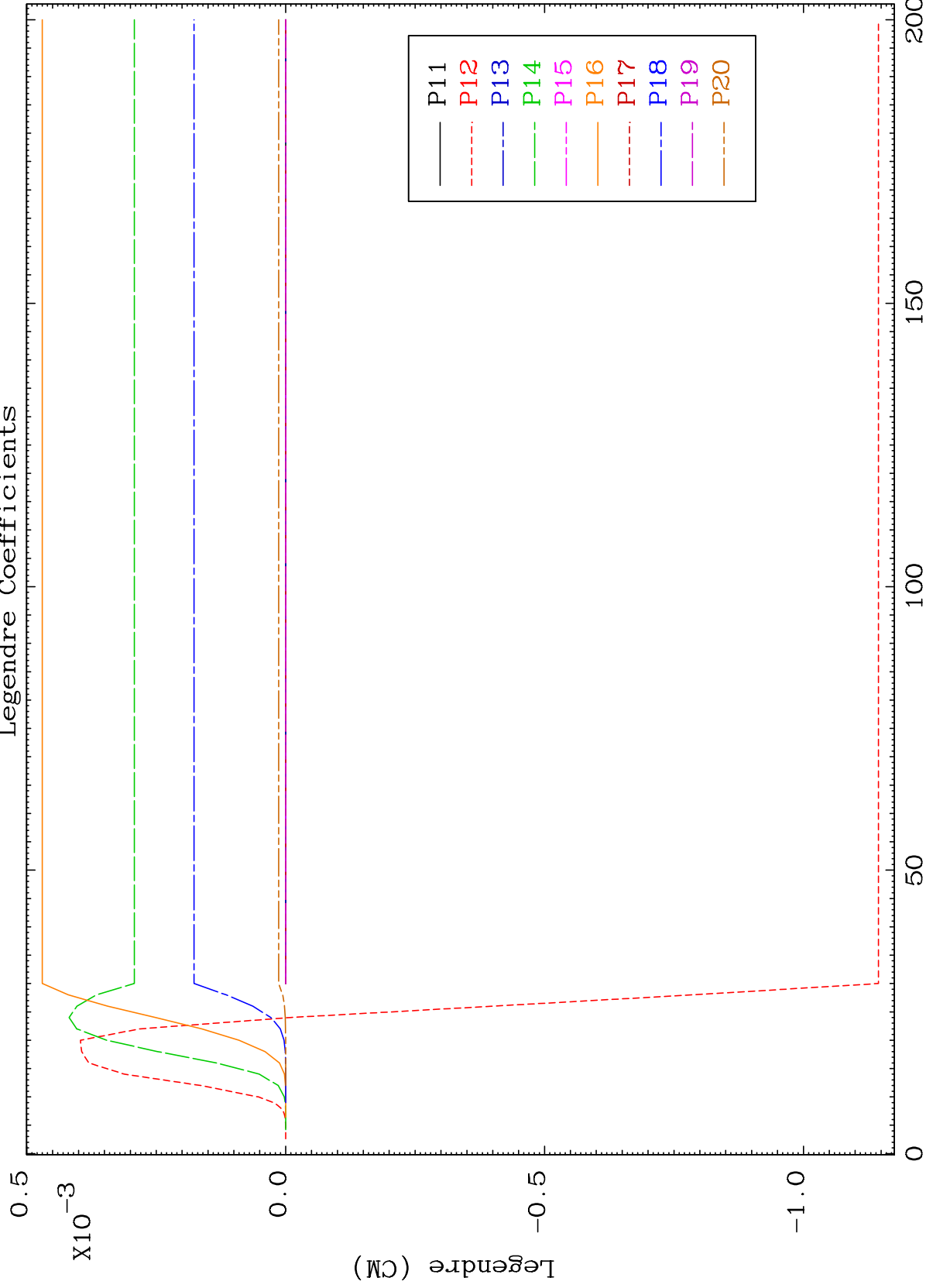
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



49

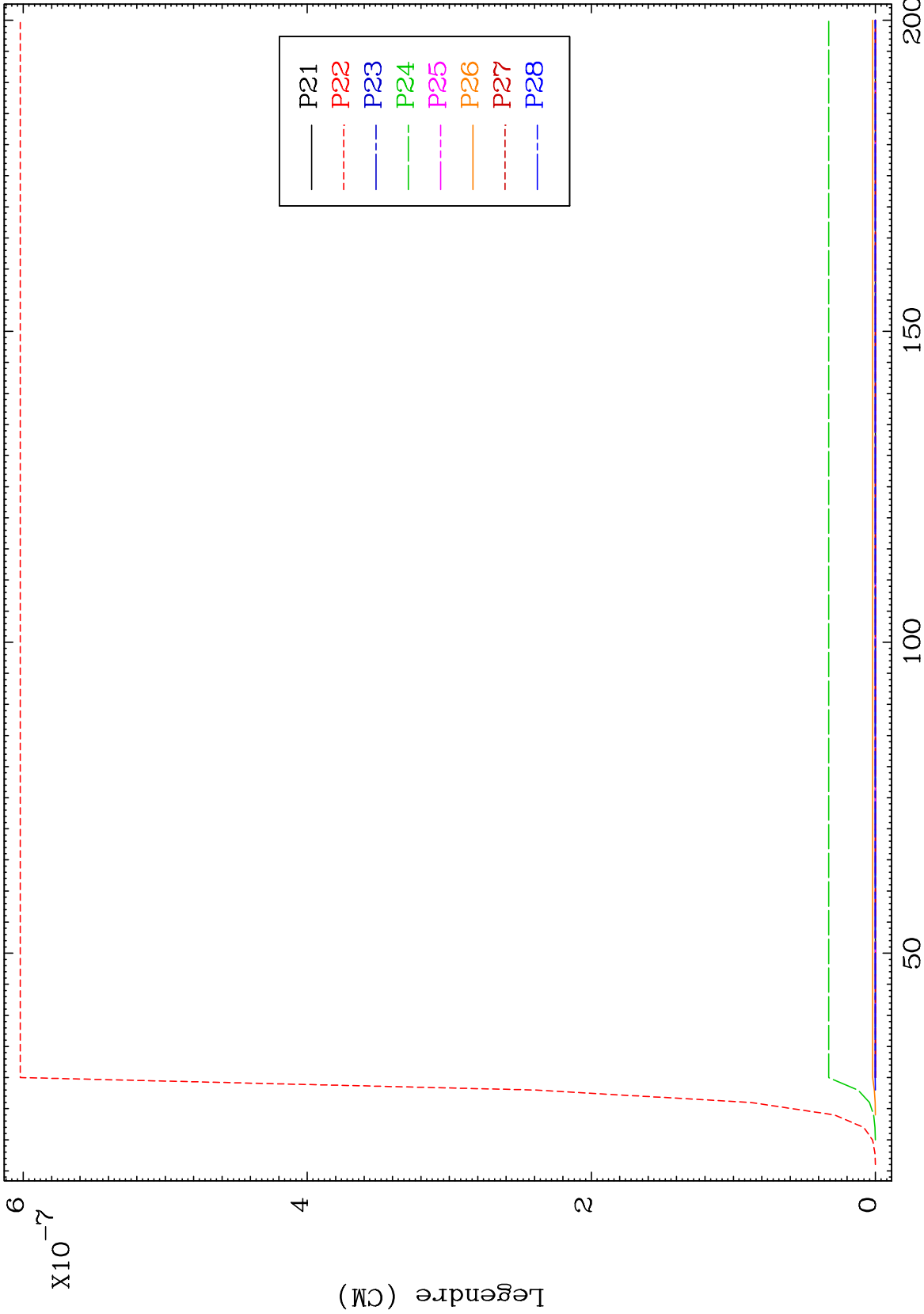
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



50

50

100

150

200

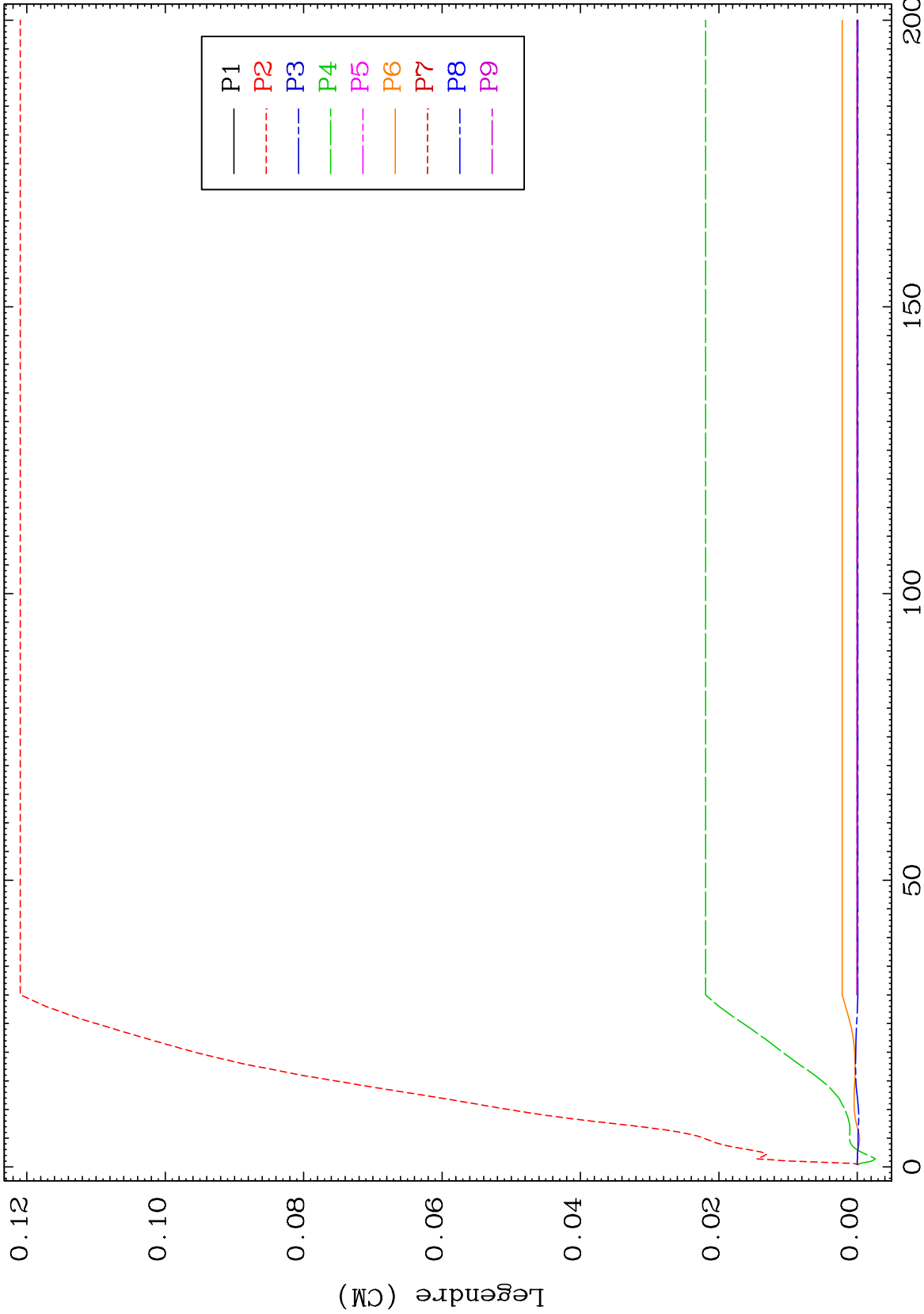
57-La-144

57-La-144

MAT 5743

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

57-La-144



51

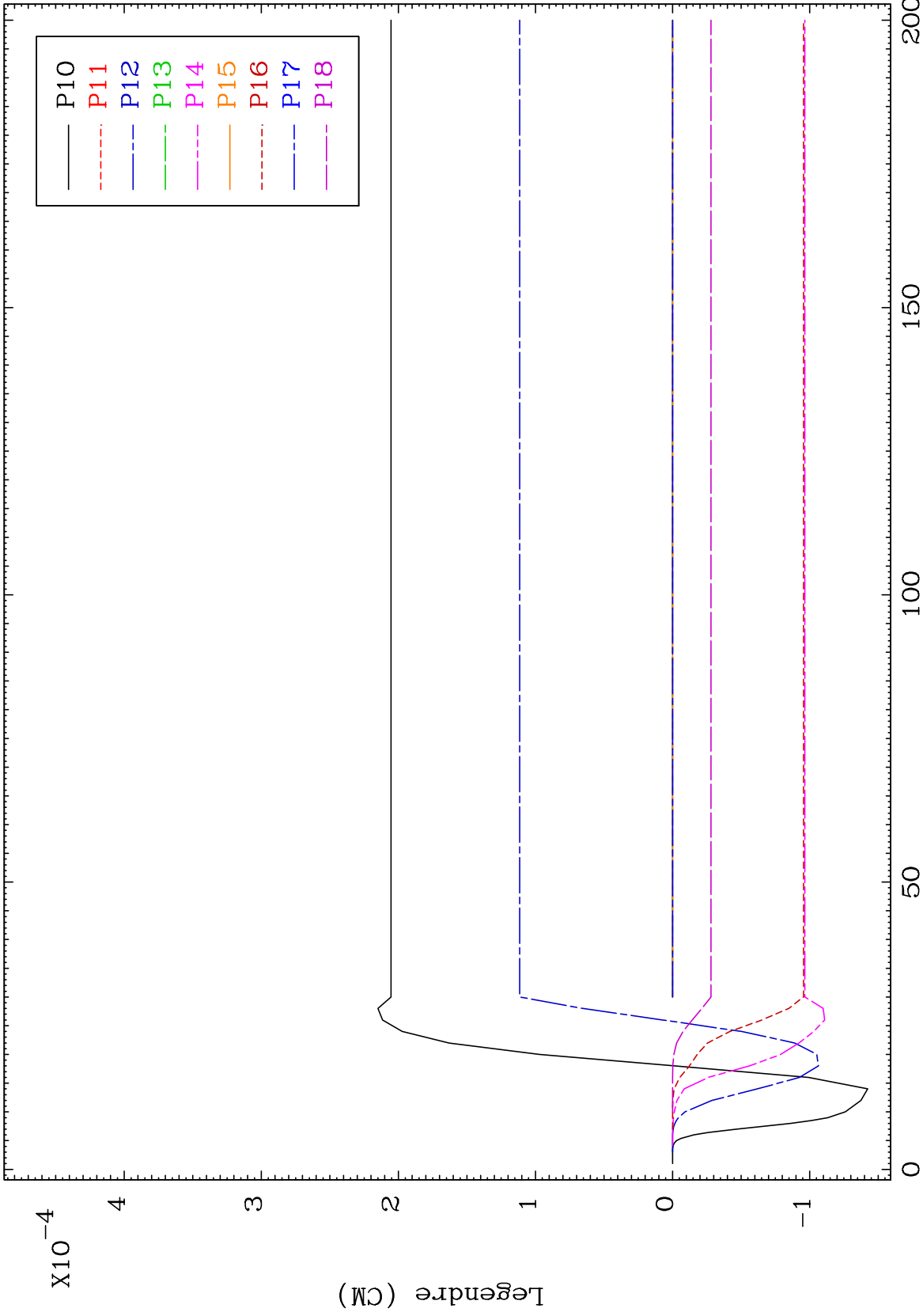
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



52

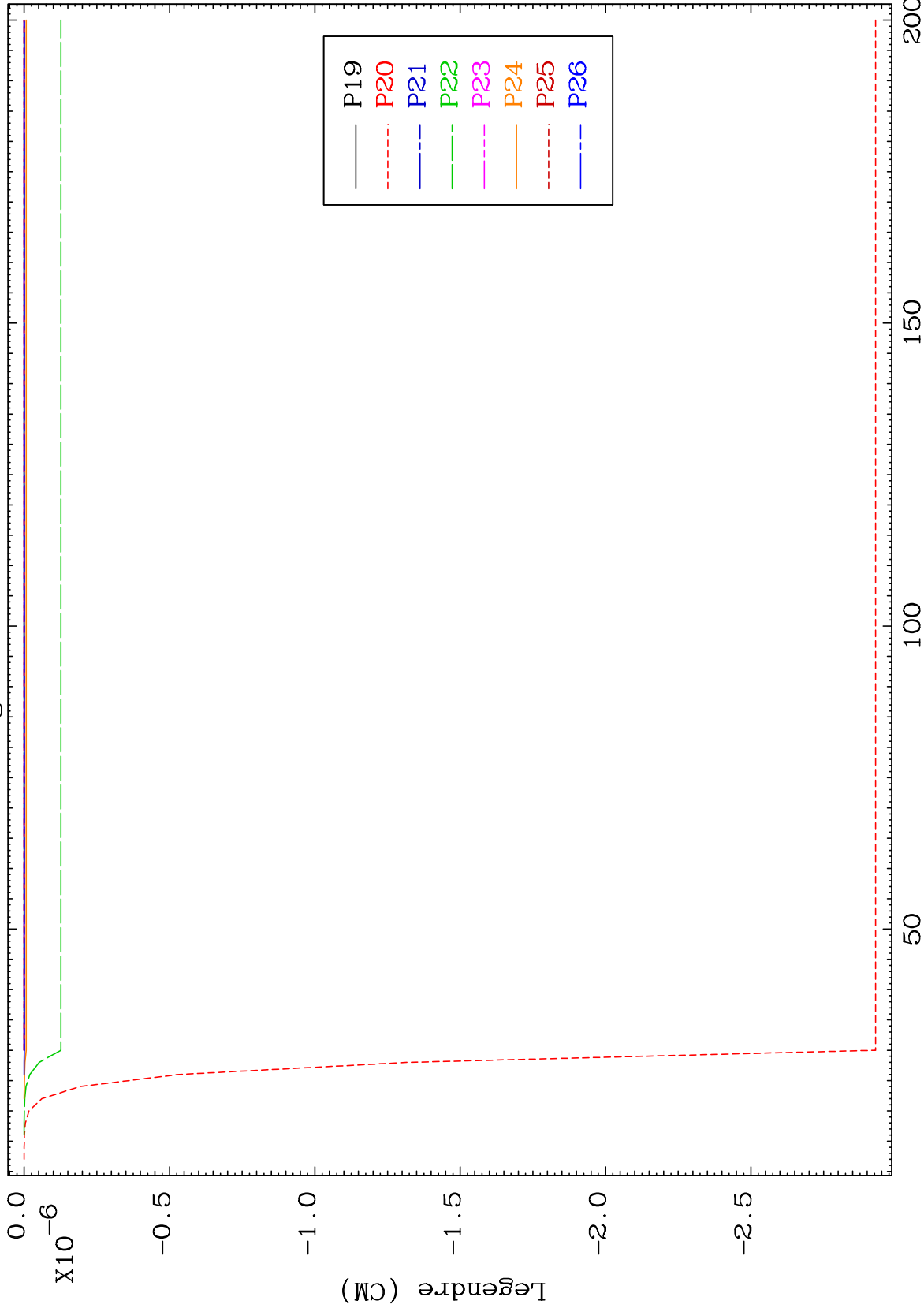
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144

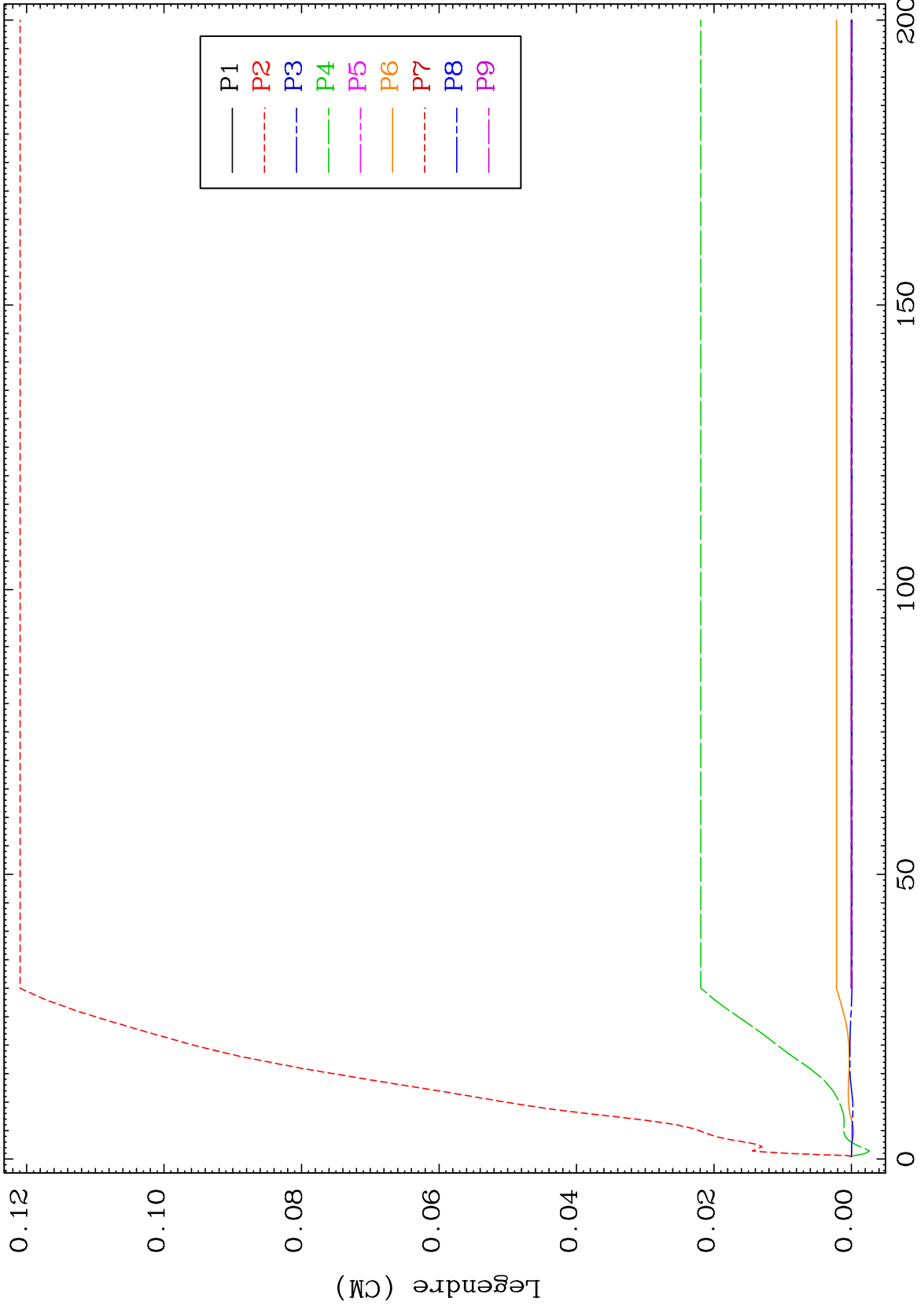


53

Incident Energy (MeV)

57-La-144

MAT 5743 MT= 61 (n,n') Level Legendre Coefficients 57-La-144

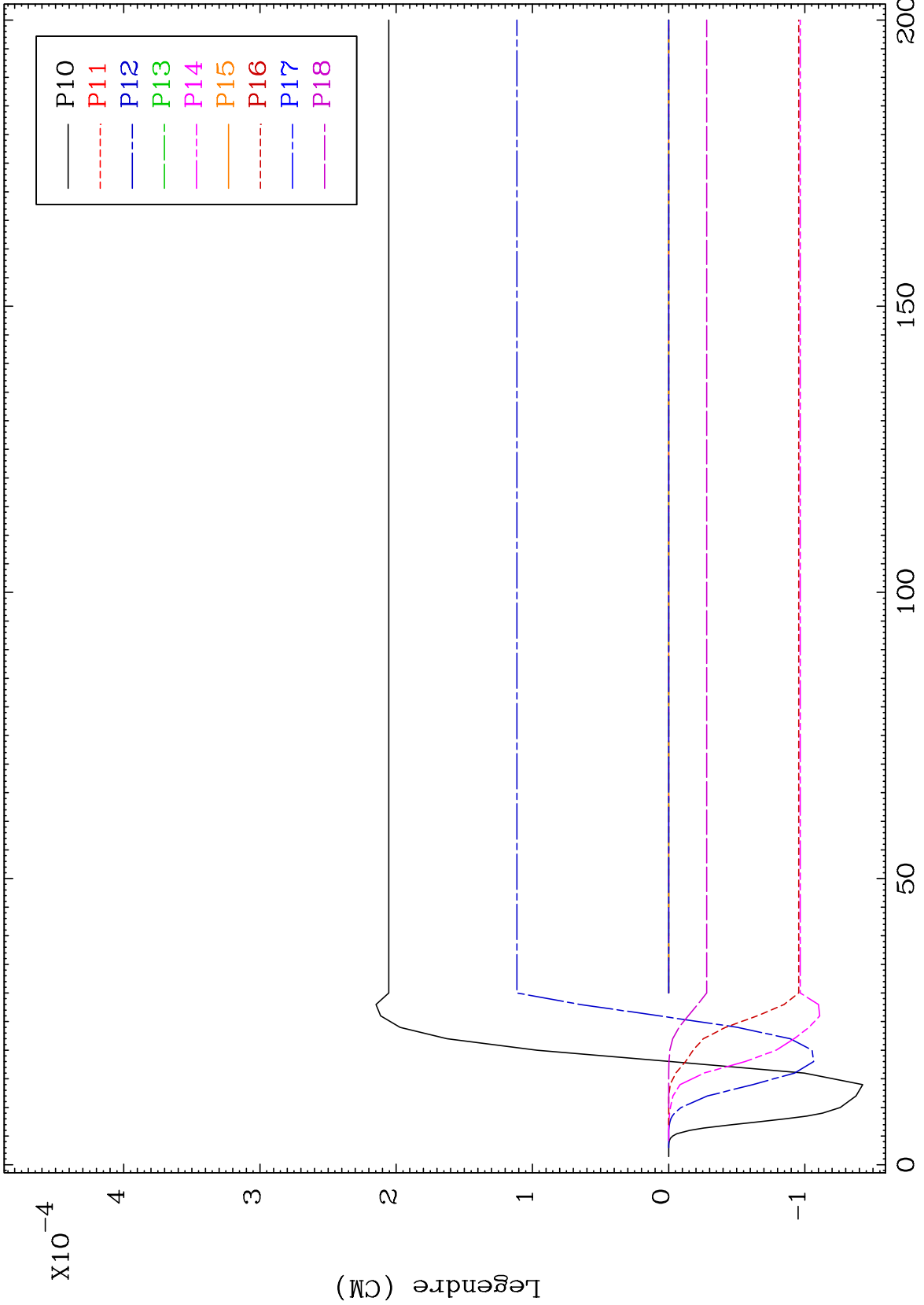


54 57-La-144

MAT 5743

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

57-La-144



55

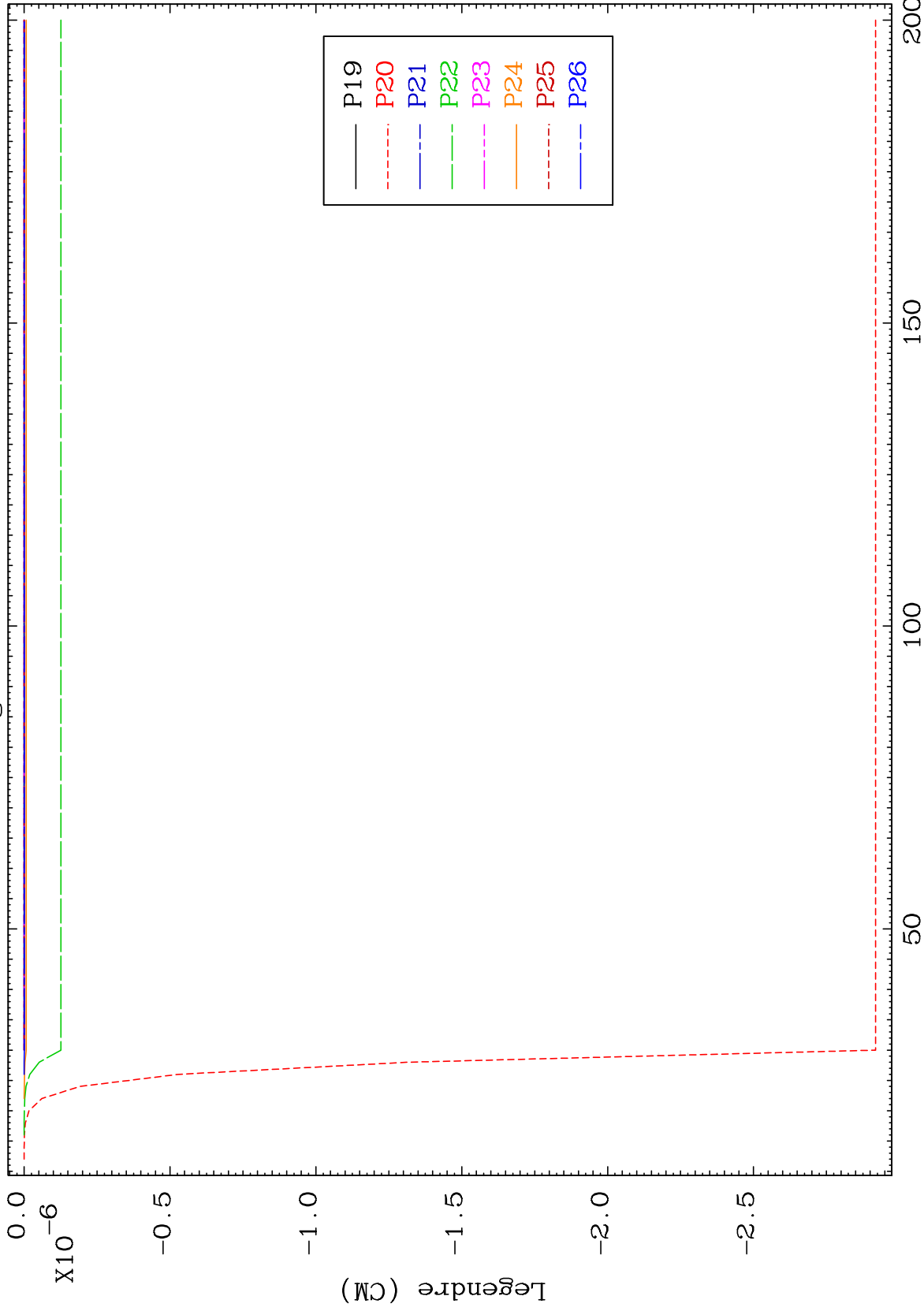
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



56

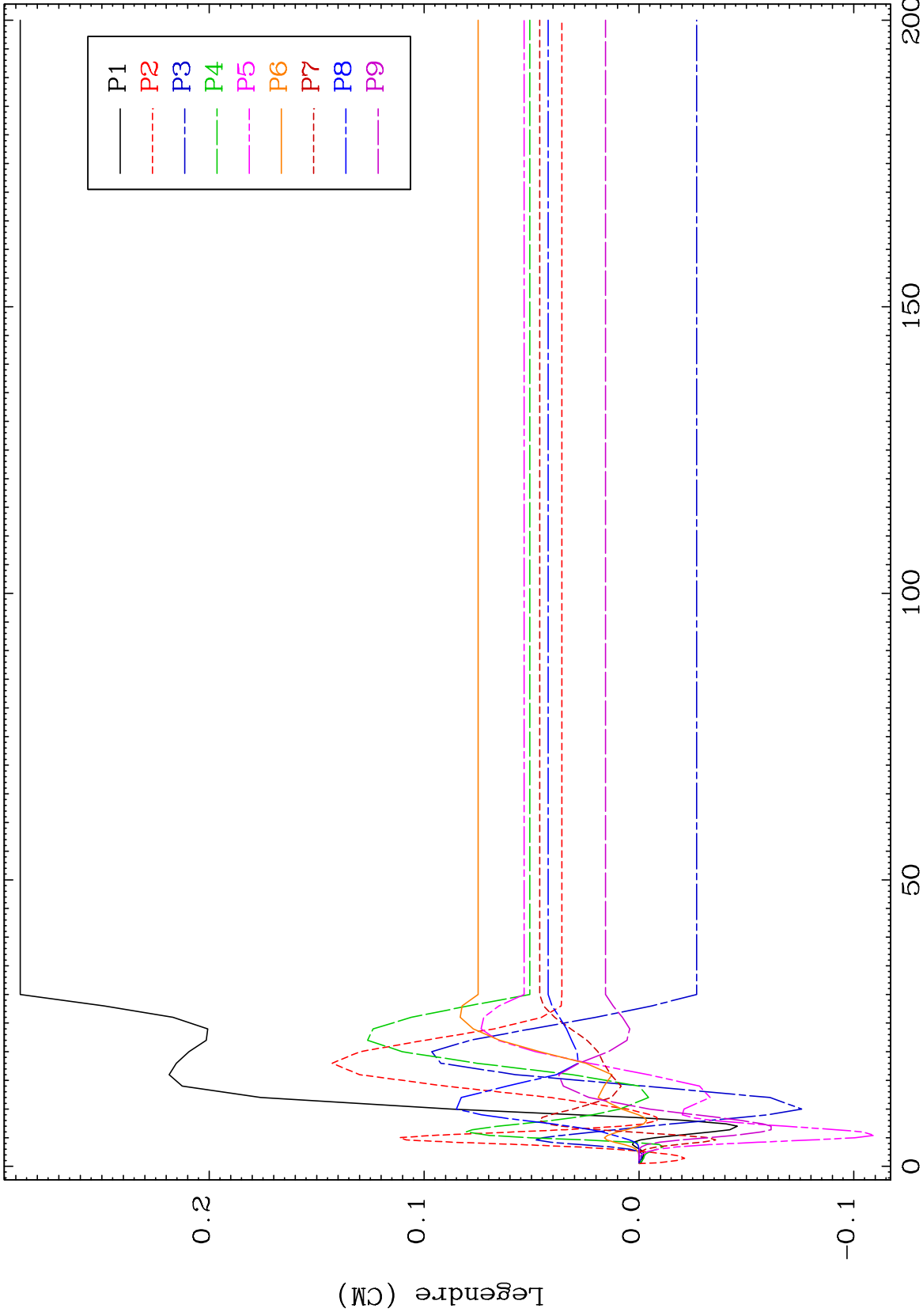
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



57

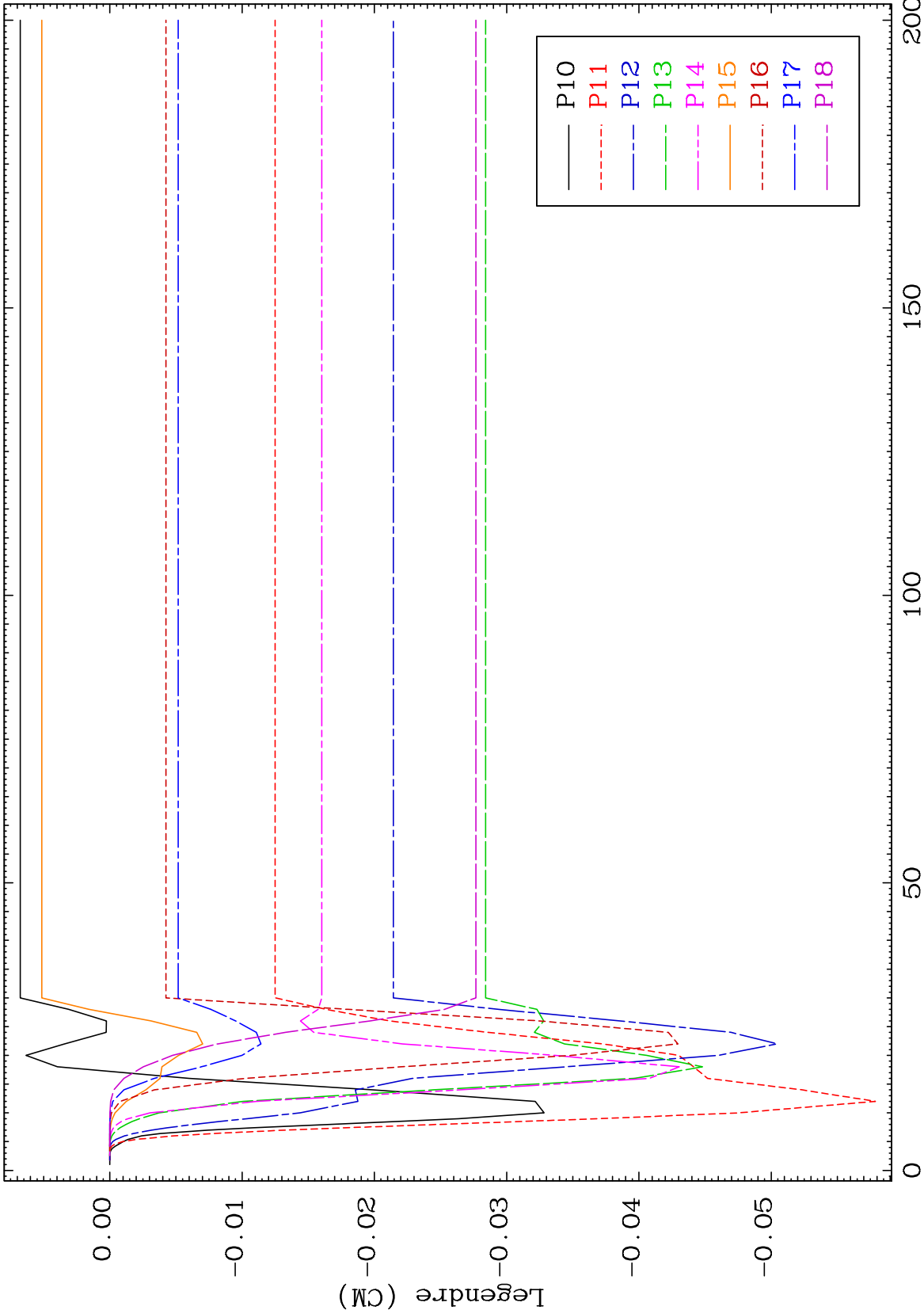
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144

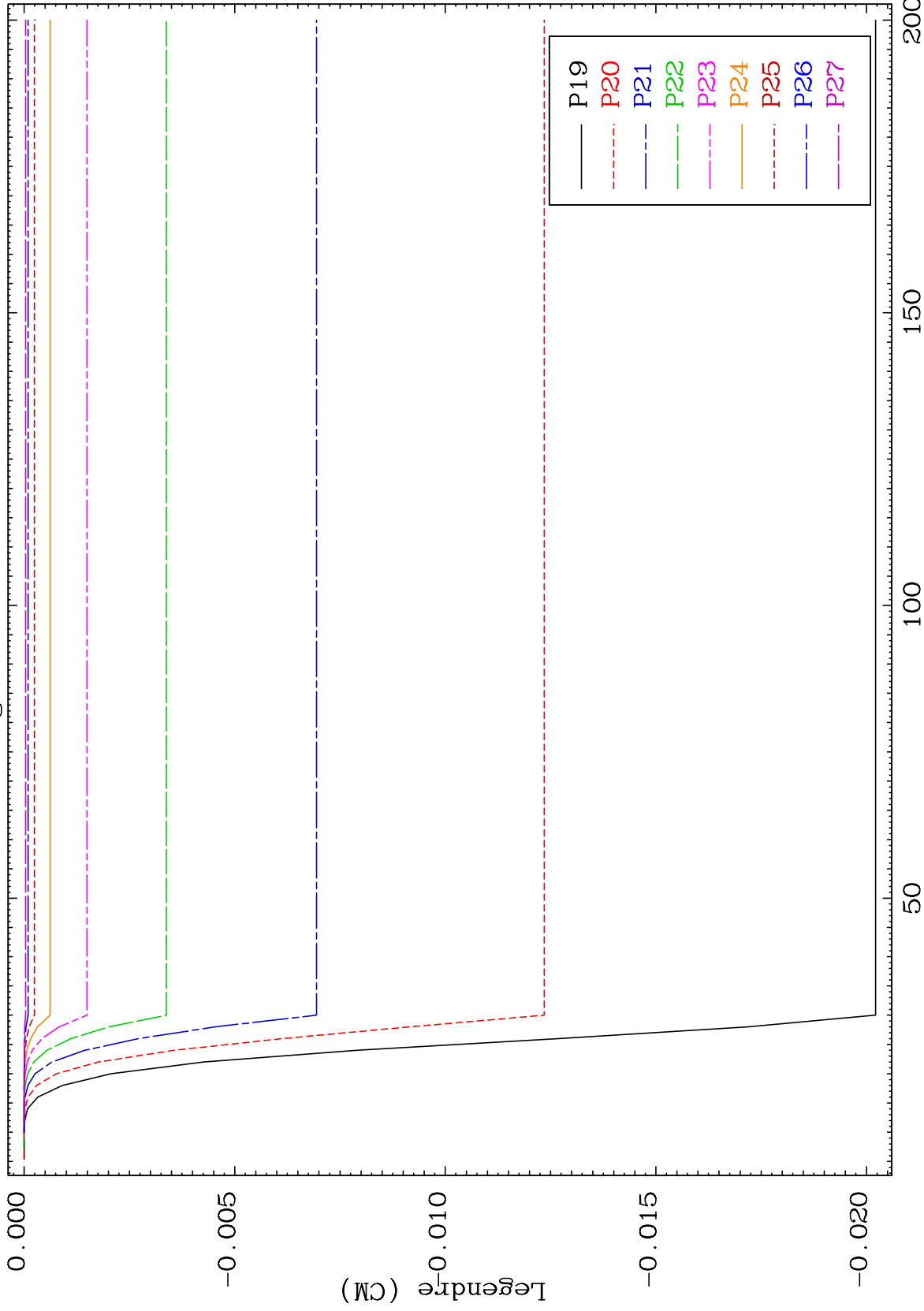


58

Incident Energy (MeV)

57-La-144

MAT 5743 MT= 62 (n,n') Level Legendre Coefficients 57-La-144

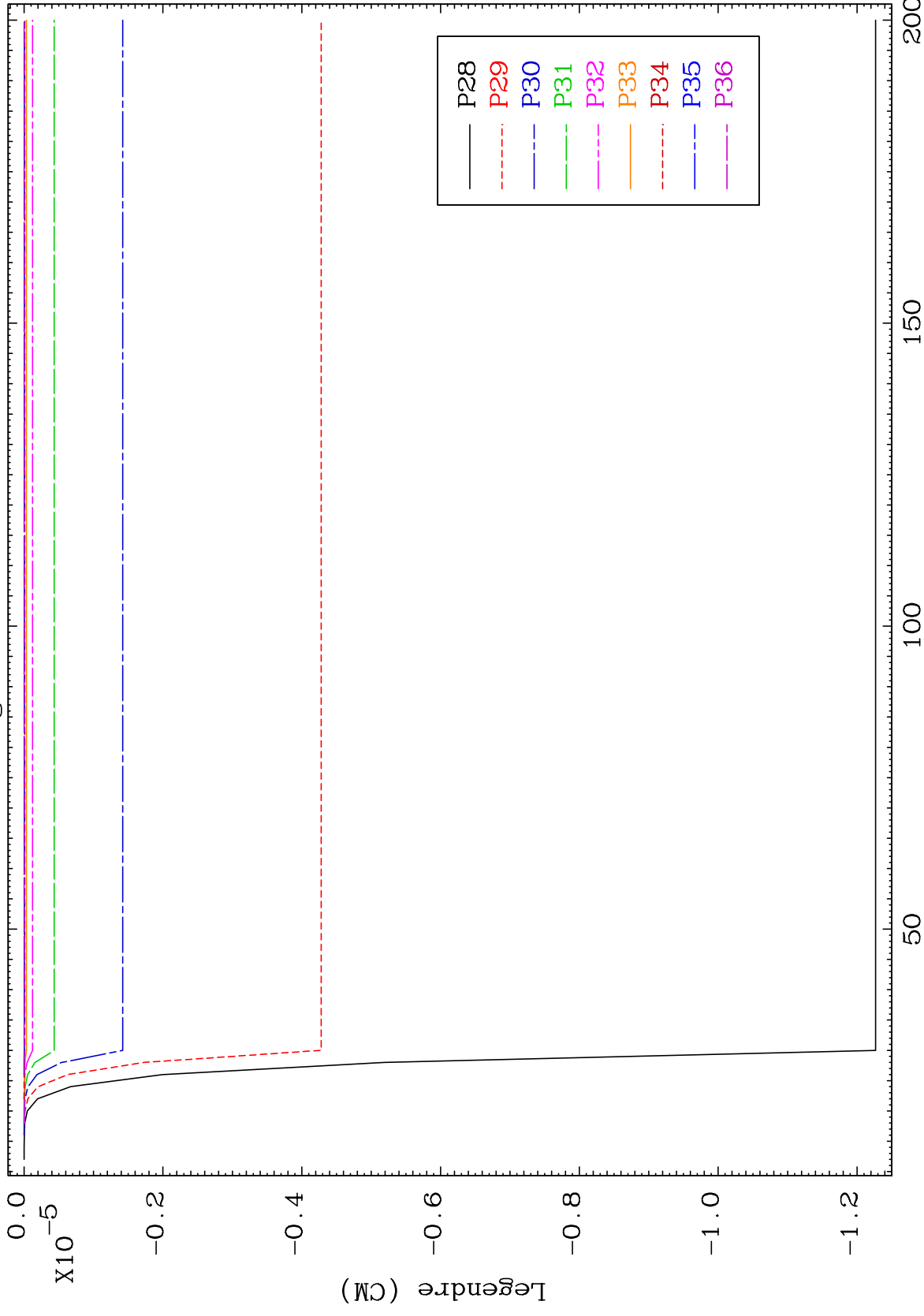


59 57-La-144

MAT 5743

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

57-La-144



57-La-144

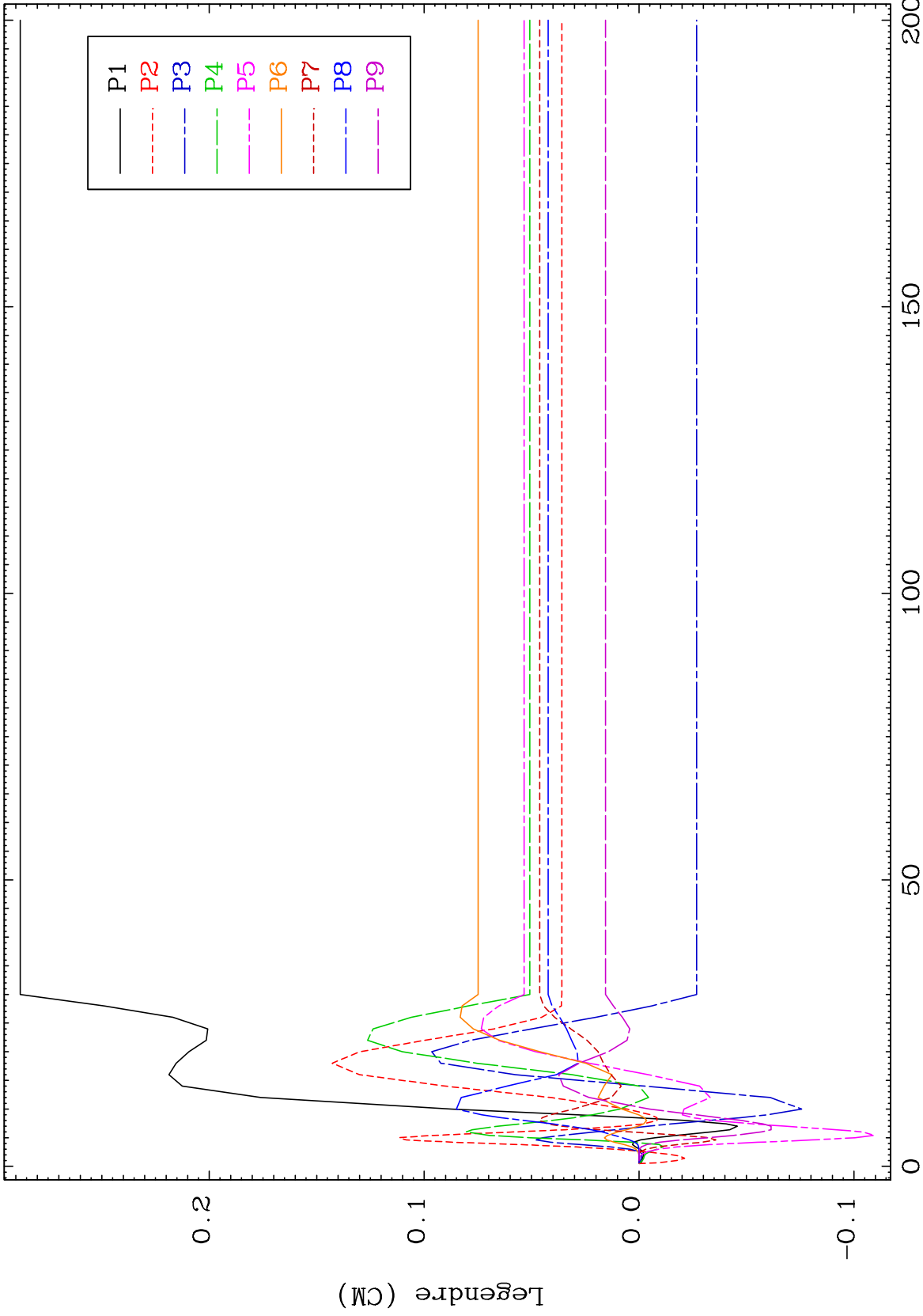
Incident Energy (MeV)

60

MAT 5743

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

57-La-144



61

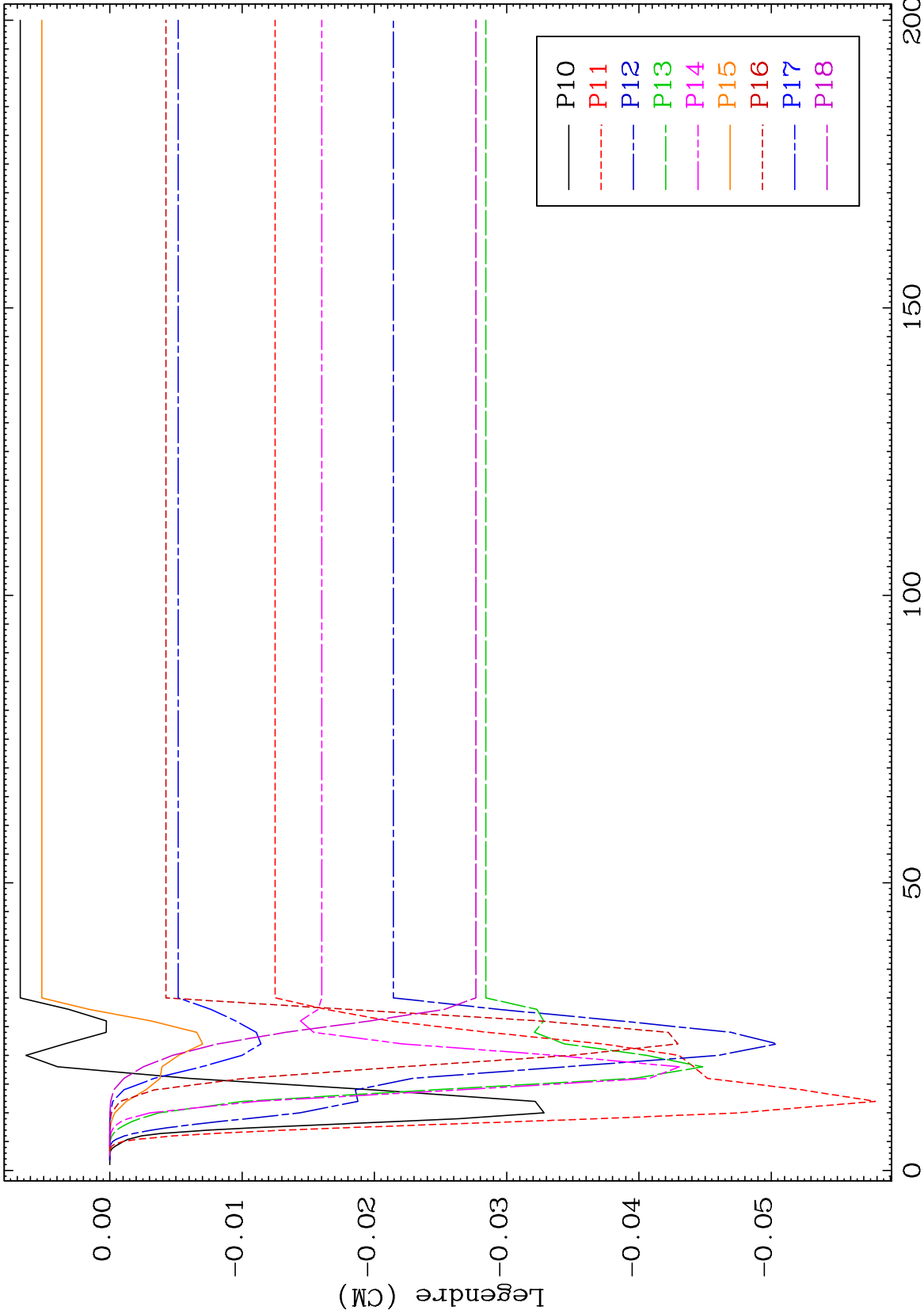
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144

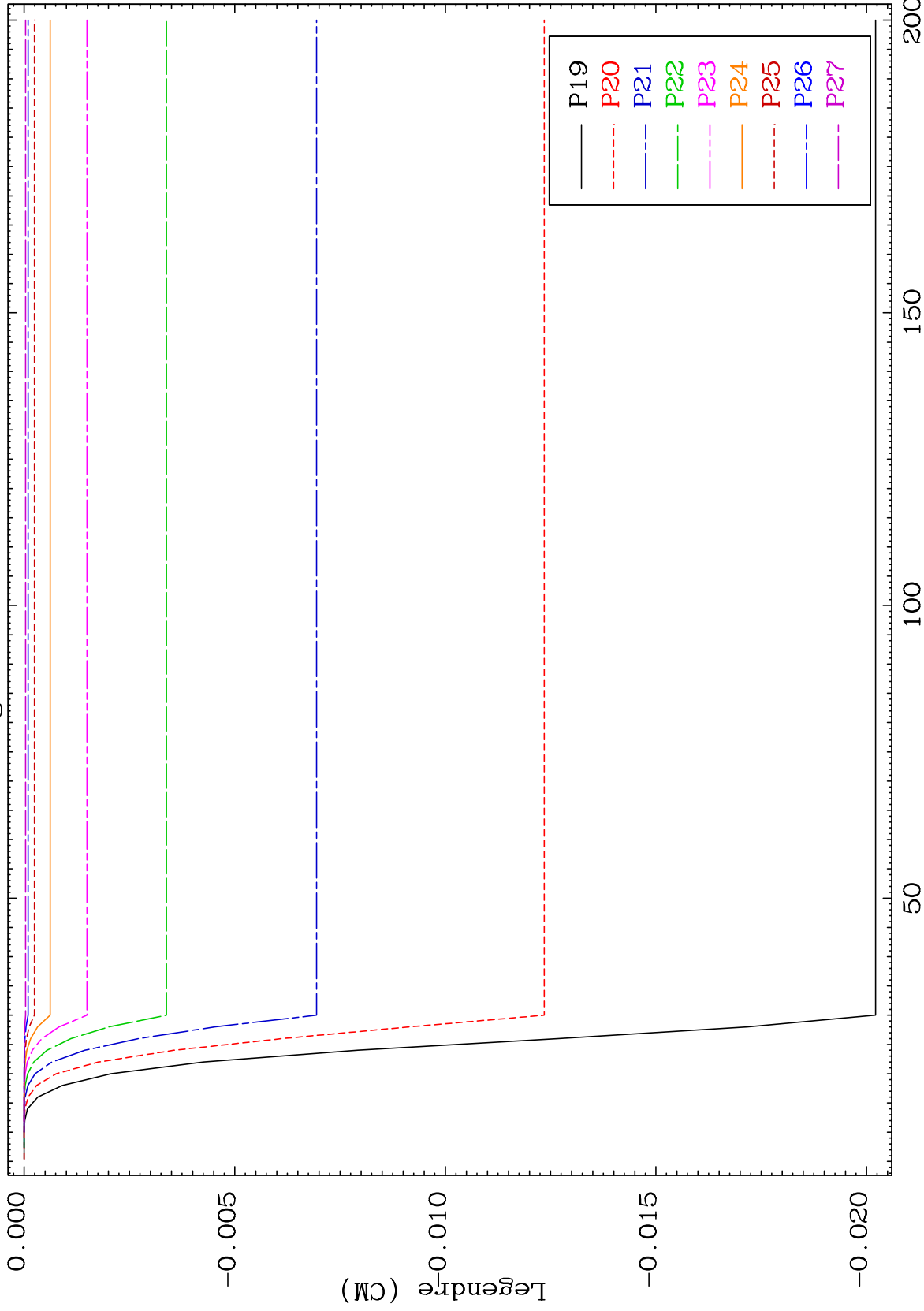


62

Incident Energy (MeV)

57-La-144

MAT 5743 MT= 63 (n,n') Level Legendre Coefficients 57-La-144

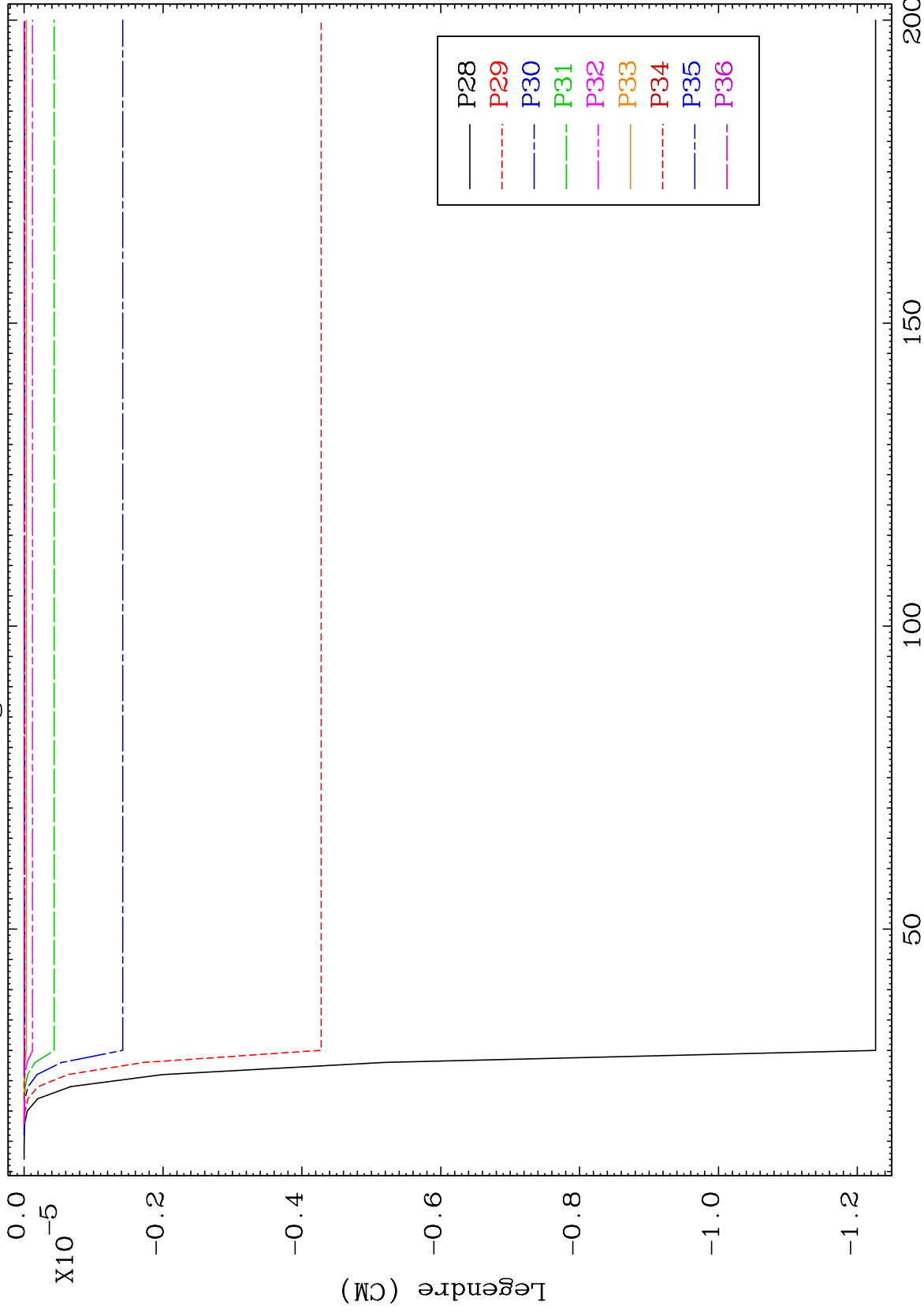


63 57-La-144

MAT 5743

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

57-La-144



57-La-144

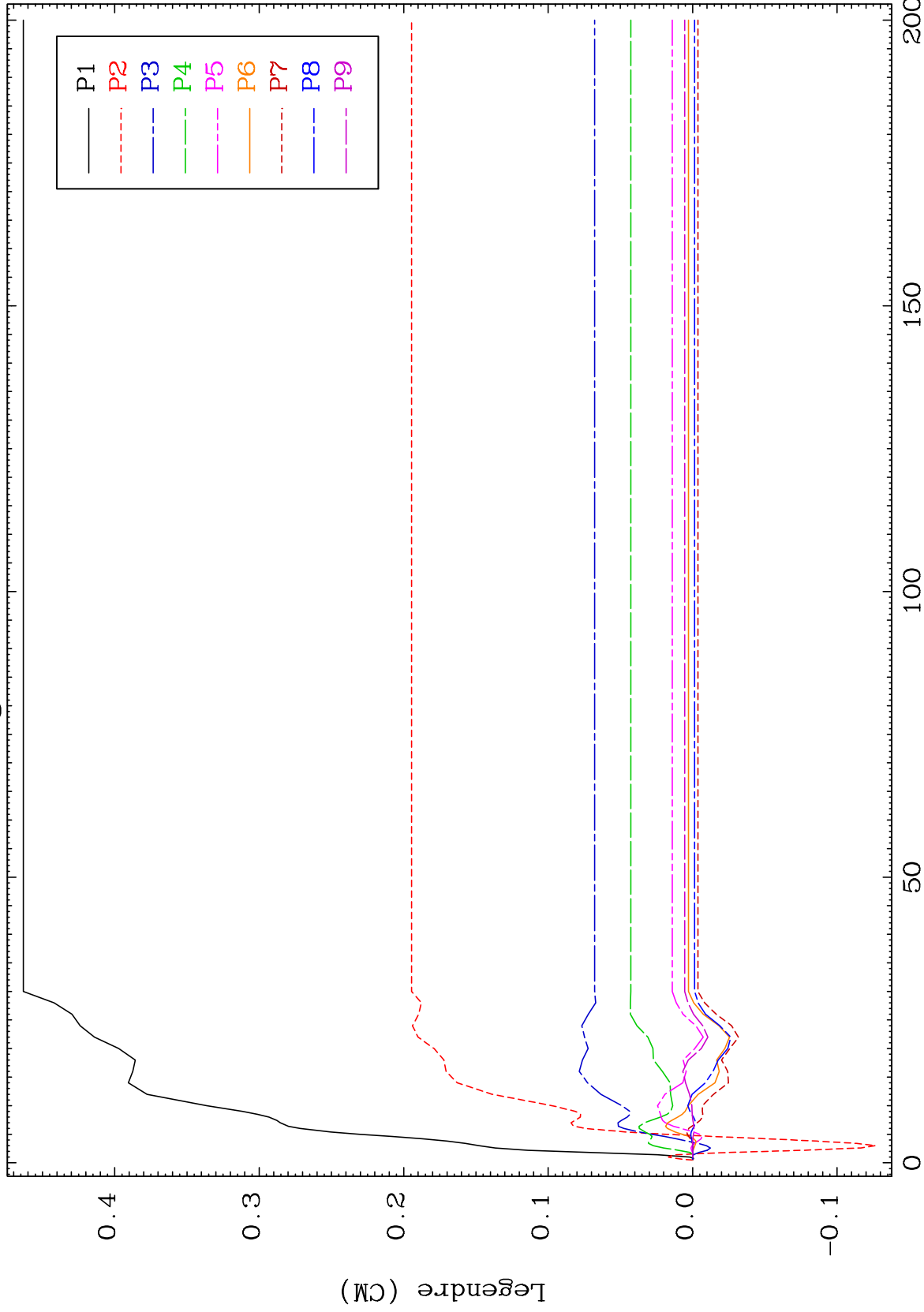
Incident Energy (MeV)

64

MAT 5743

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

57-La-144



65

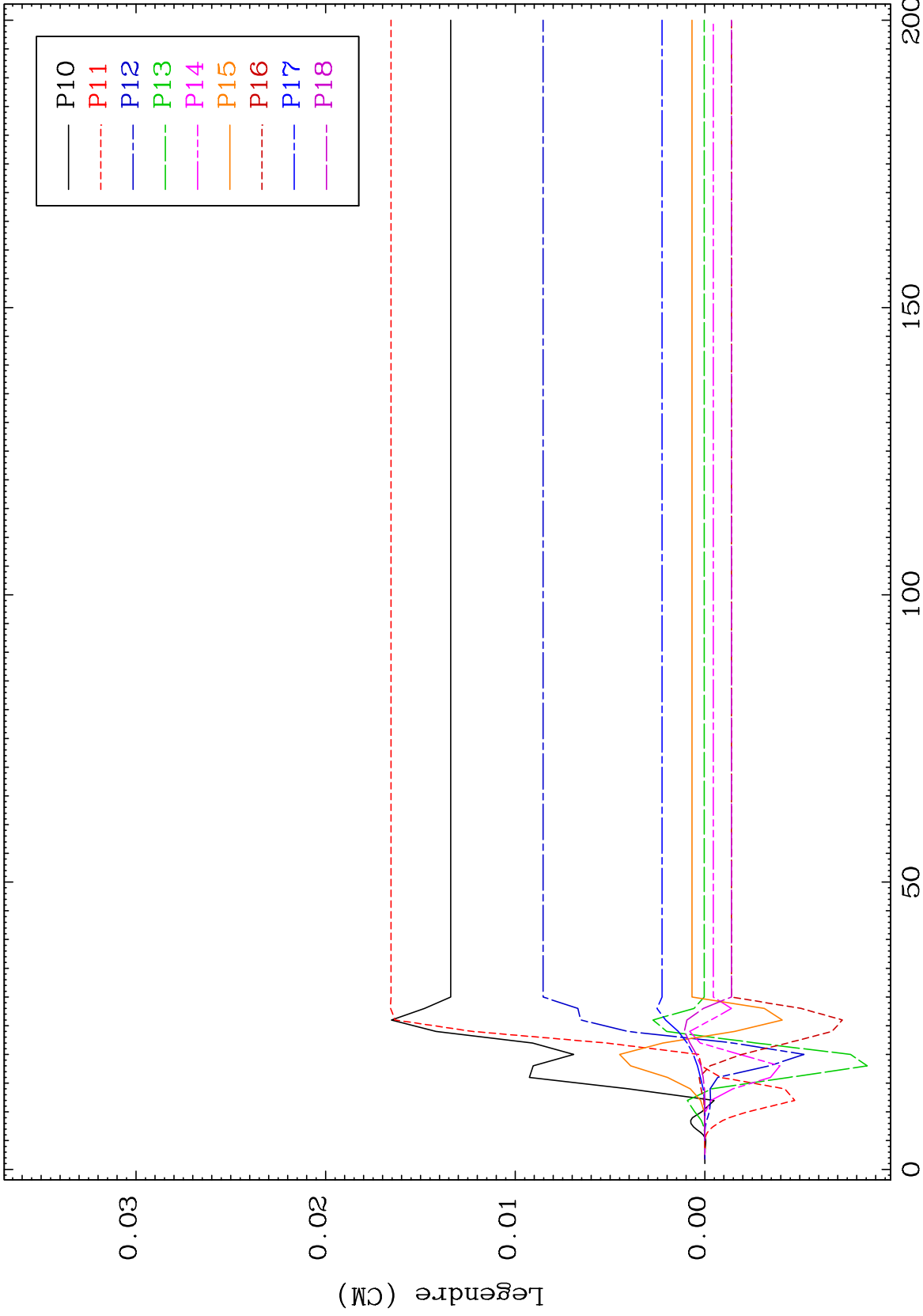
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



66

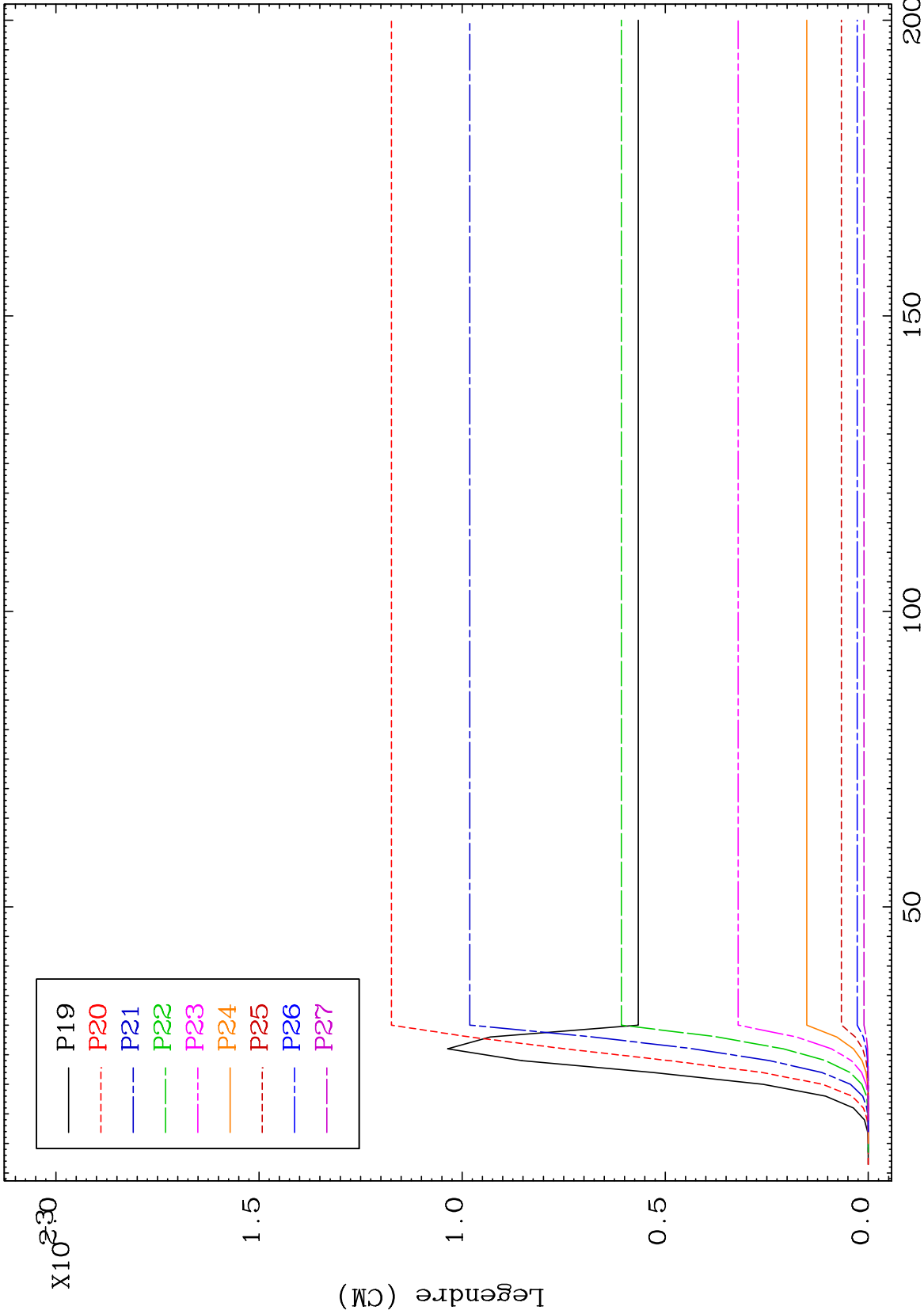
Incident Energy (MeV)

57-La-144

MAT 5743

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

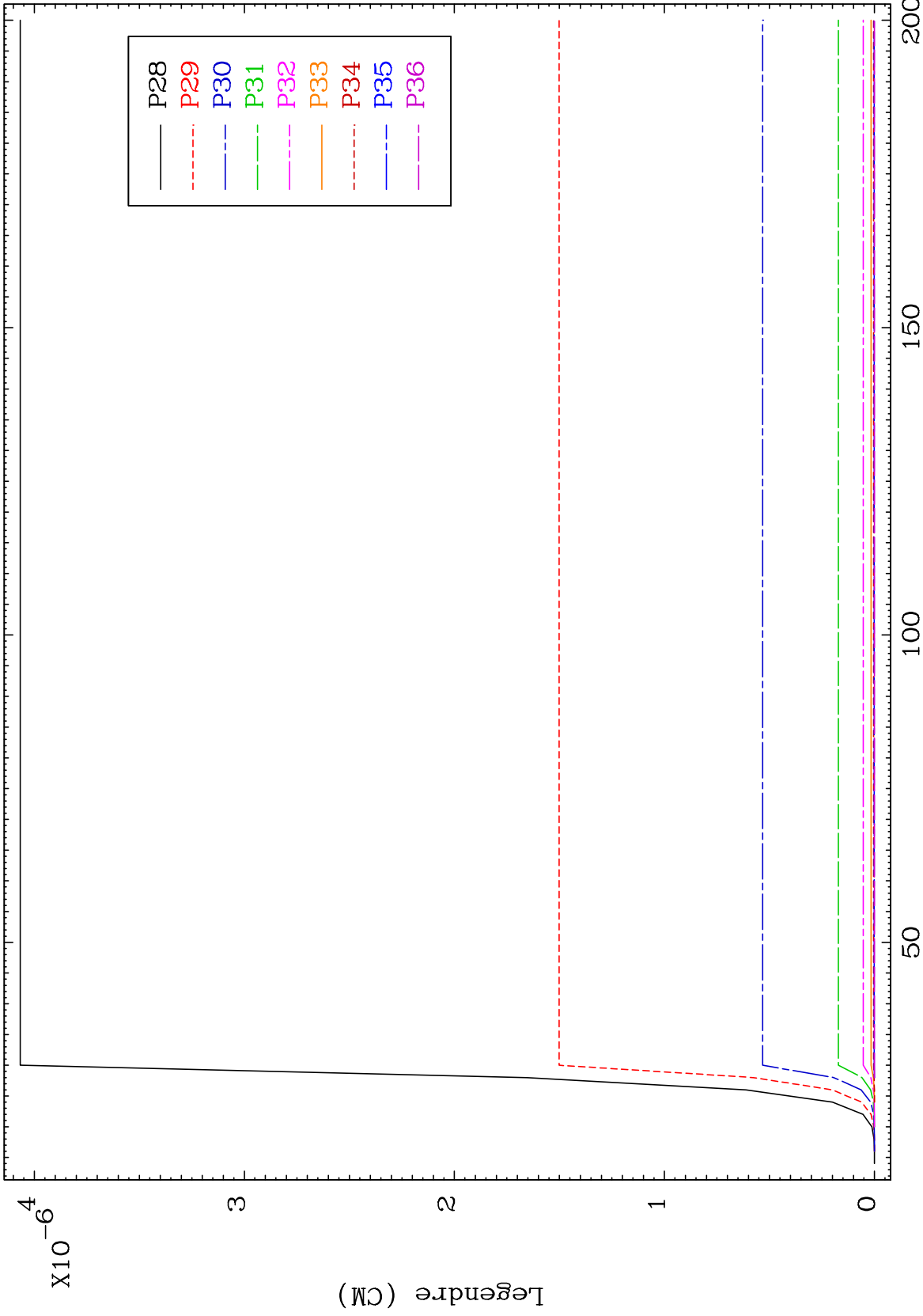
57-La-144



MAT 5743

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

57-La-144



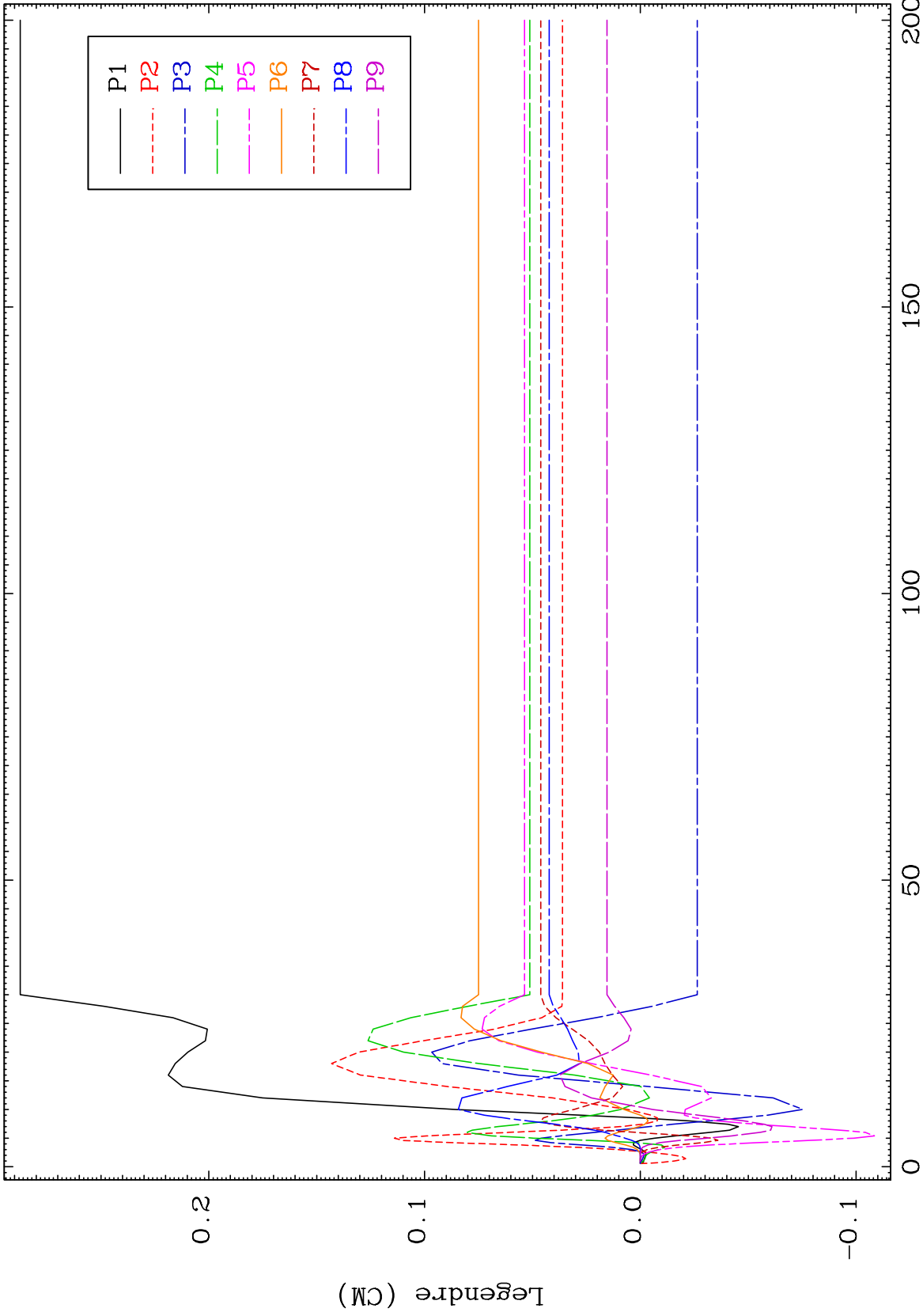
68

57-La-144

MAT 5743

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

57-La-144



69

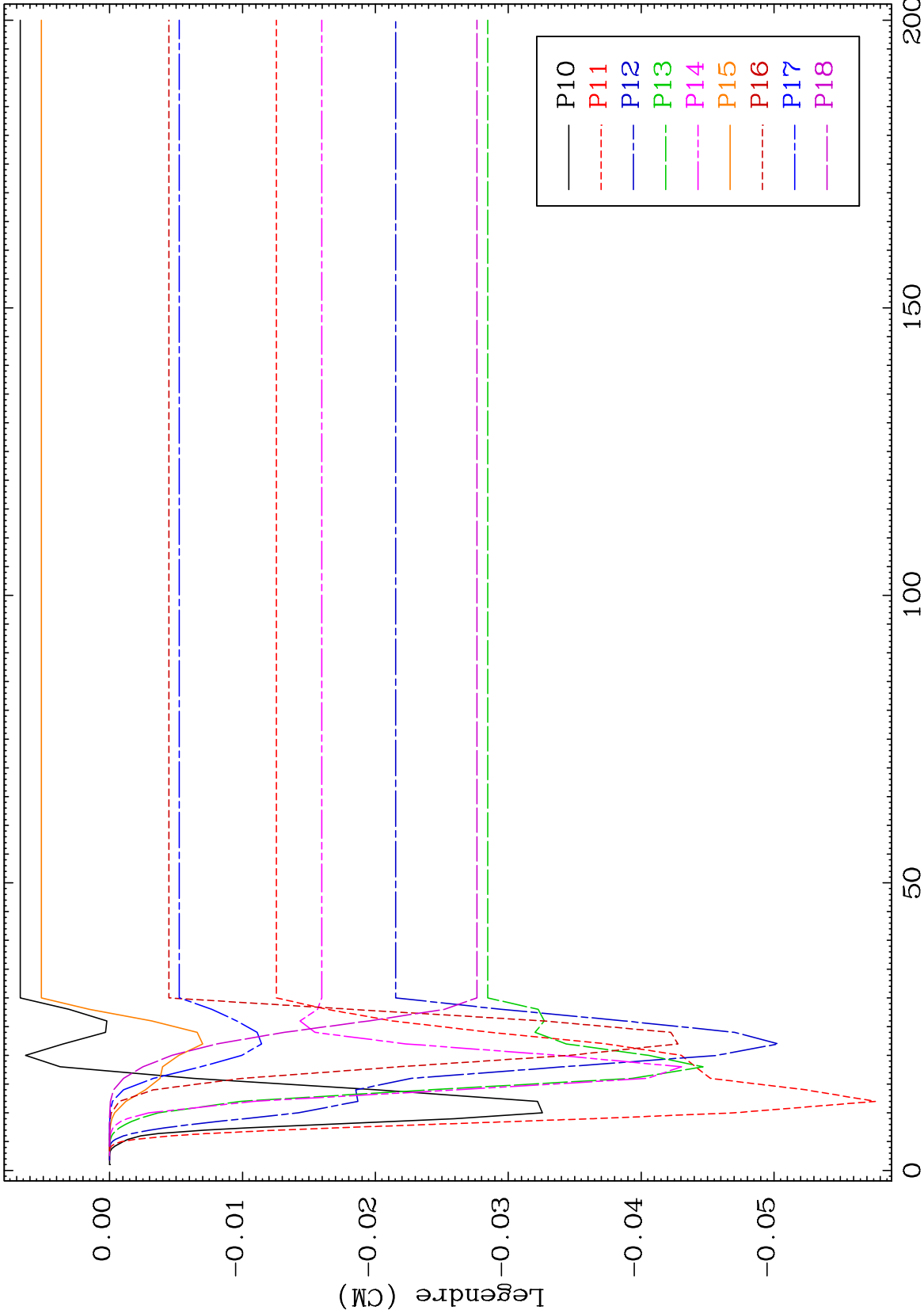
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144

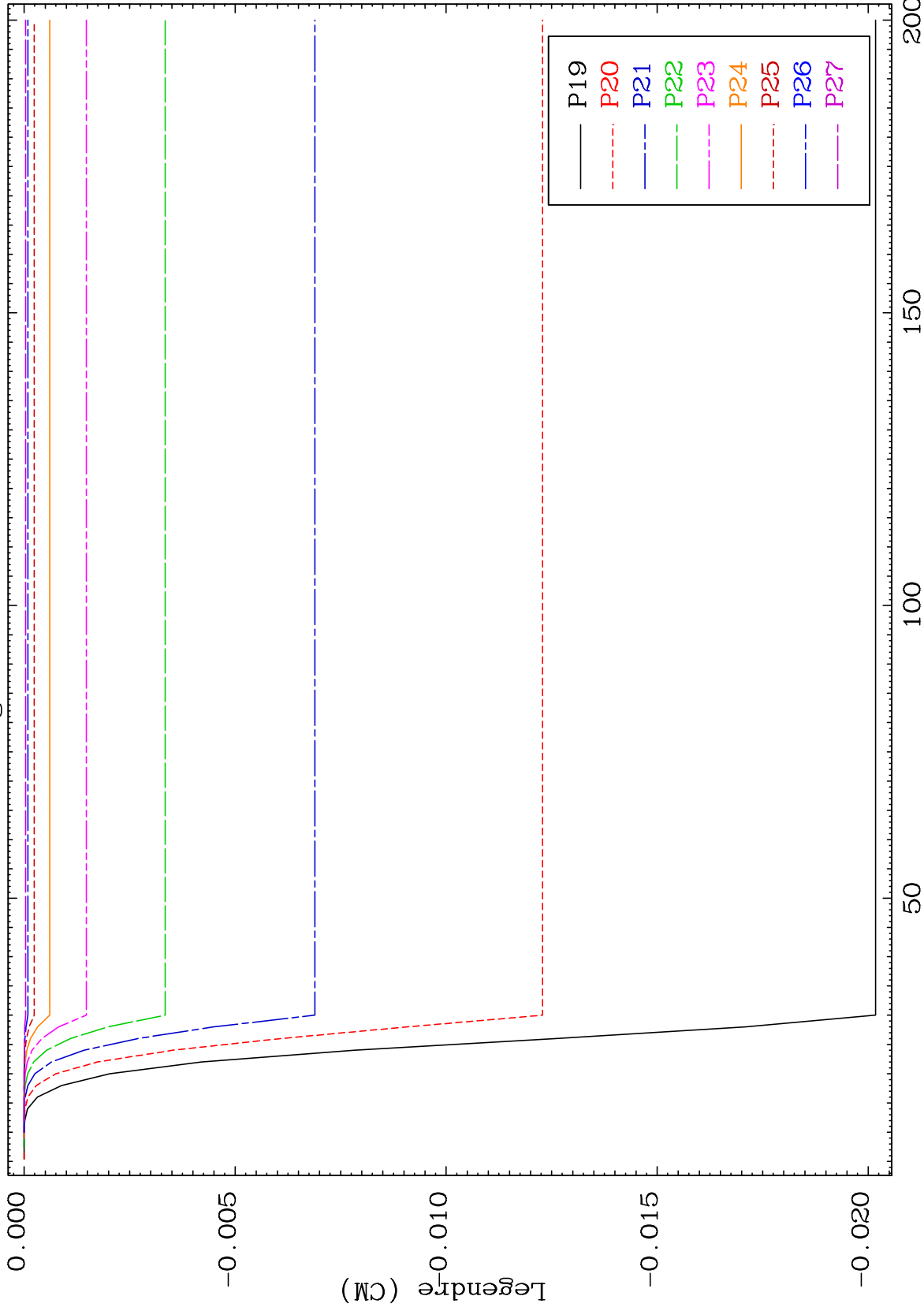


57-La-144

Incident Energy (MeV)

70

MAT 5743 MT= 65 (n,n') Level Legendre Coefficients 57-La-144

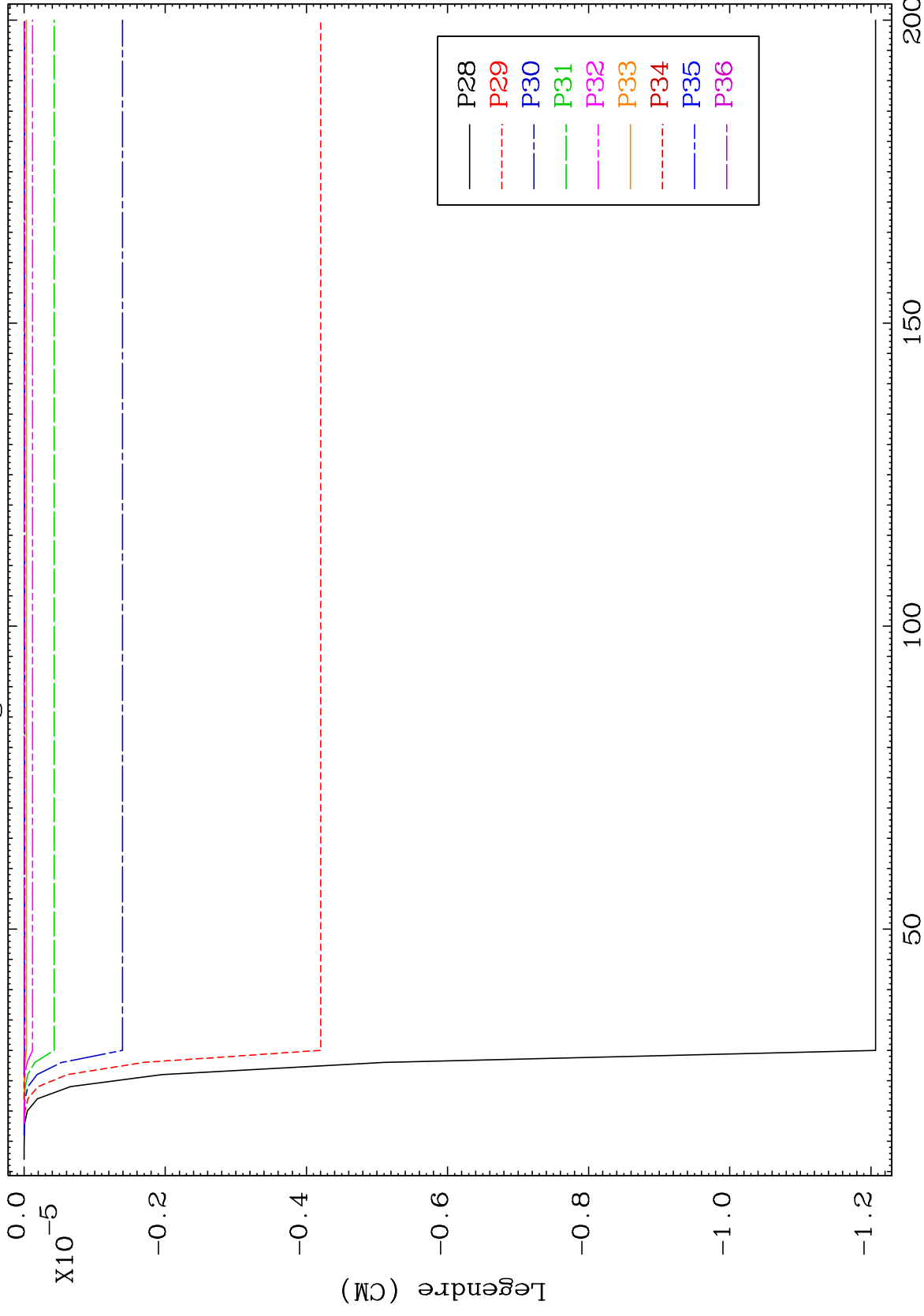


71 57-La-144

MAT 5743

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

57-La-144



57-La-144

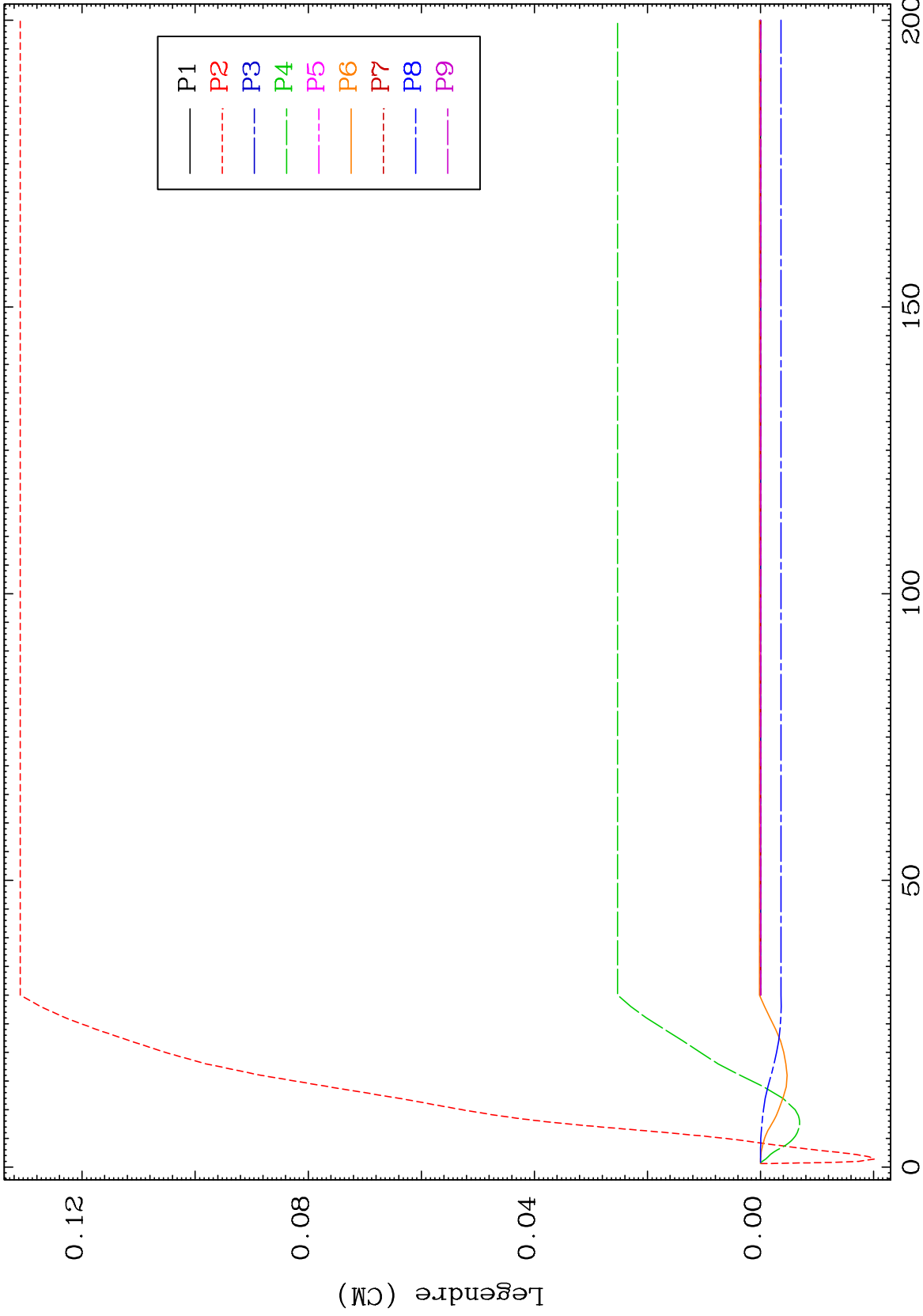
Incident Energy (MeV)

72

MAT 5743

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

57-La-144



73

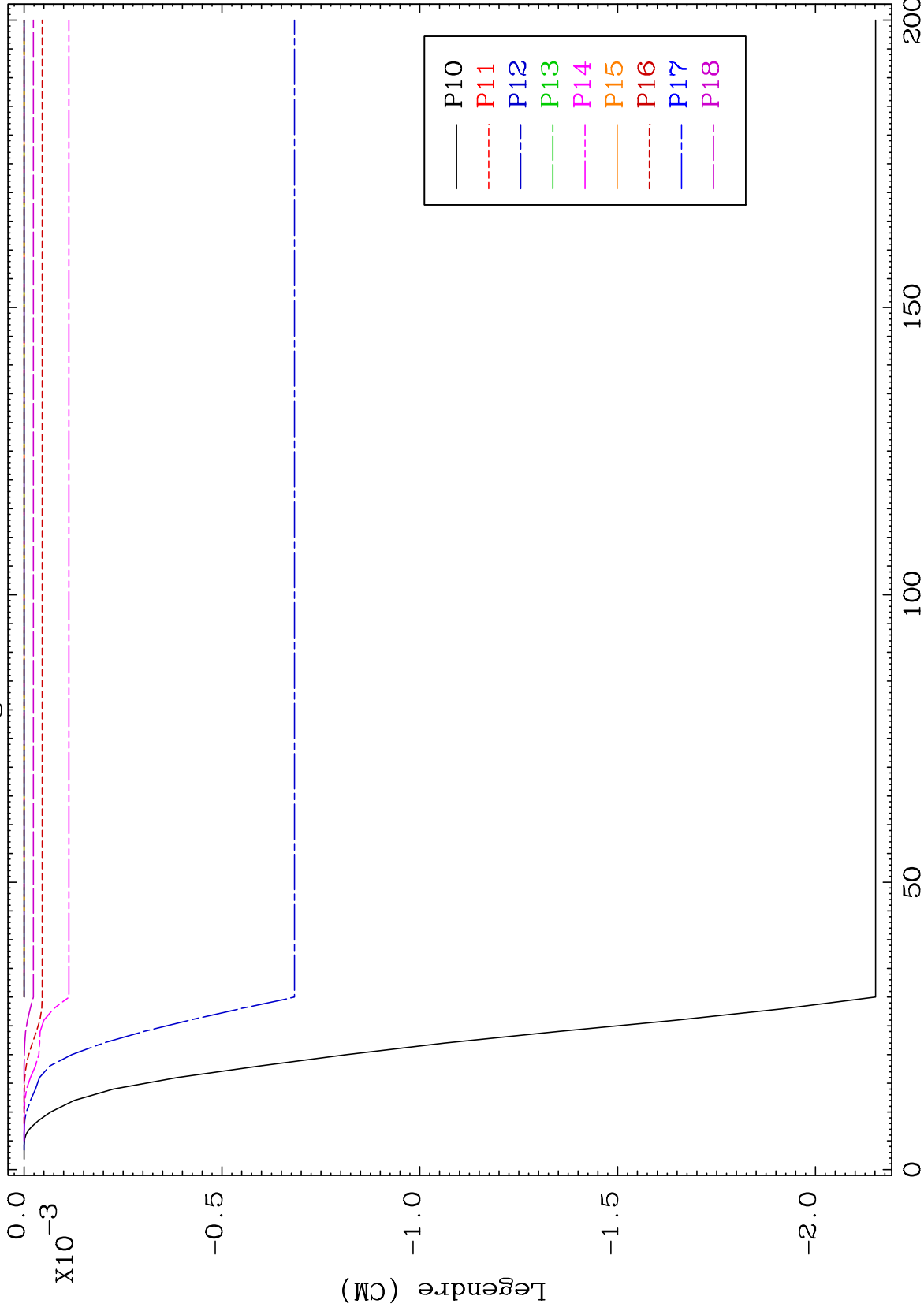
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



74

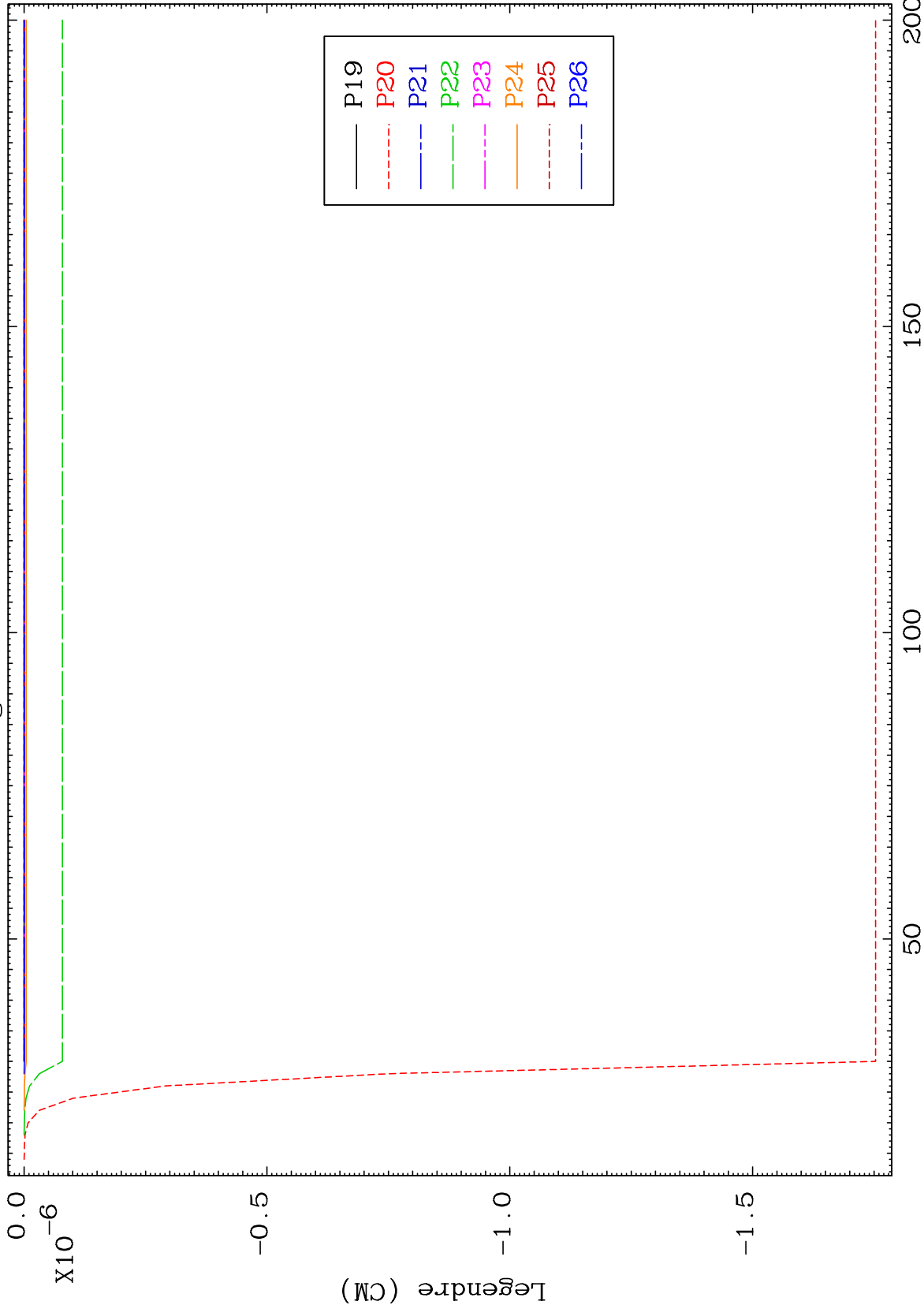
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



57-La-144

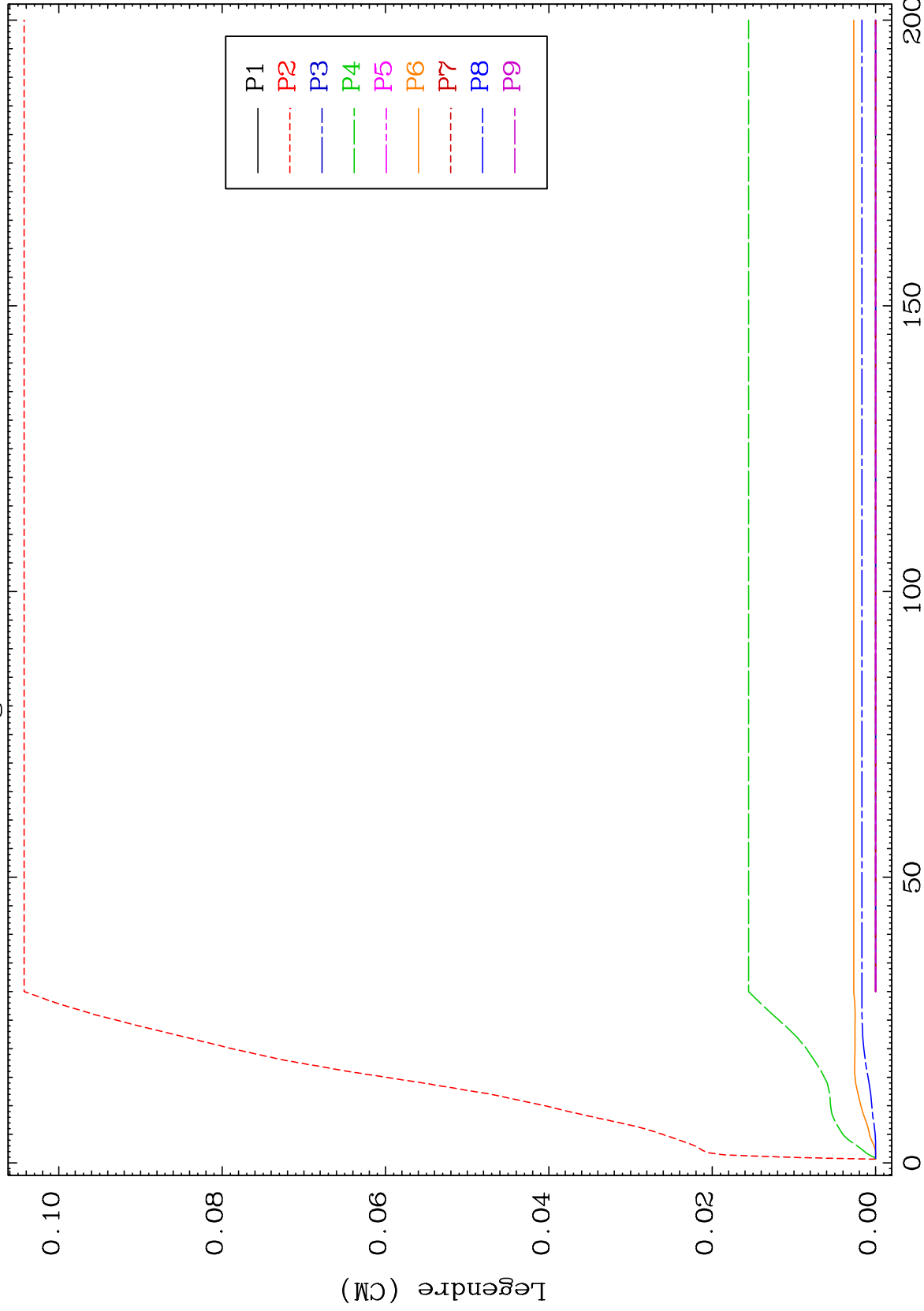
Incident Energy (MeV)

75

MAT 5743

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

57-La-144



76

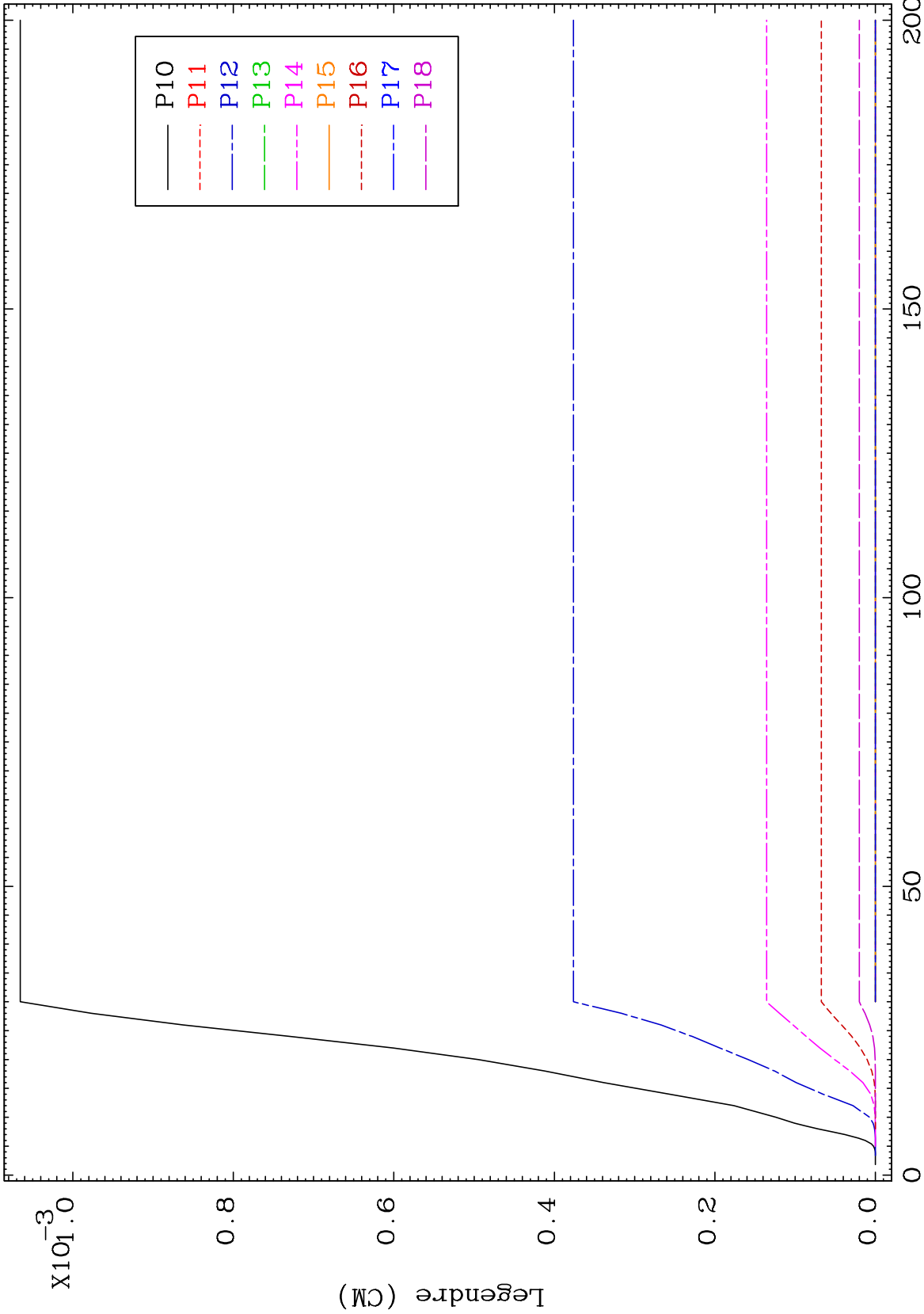
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



77

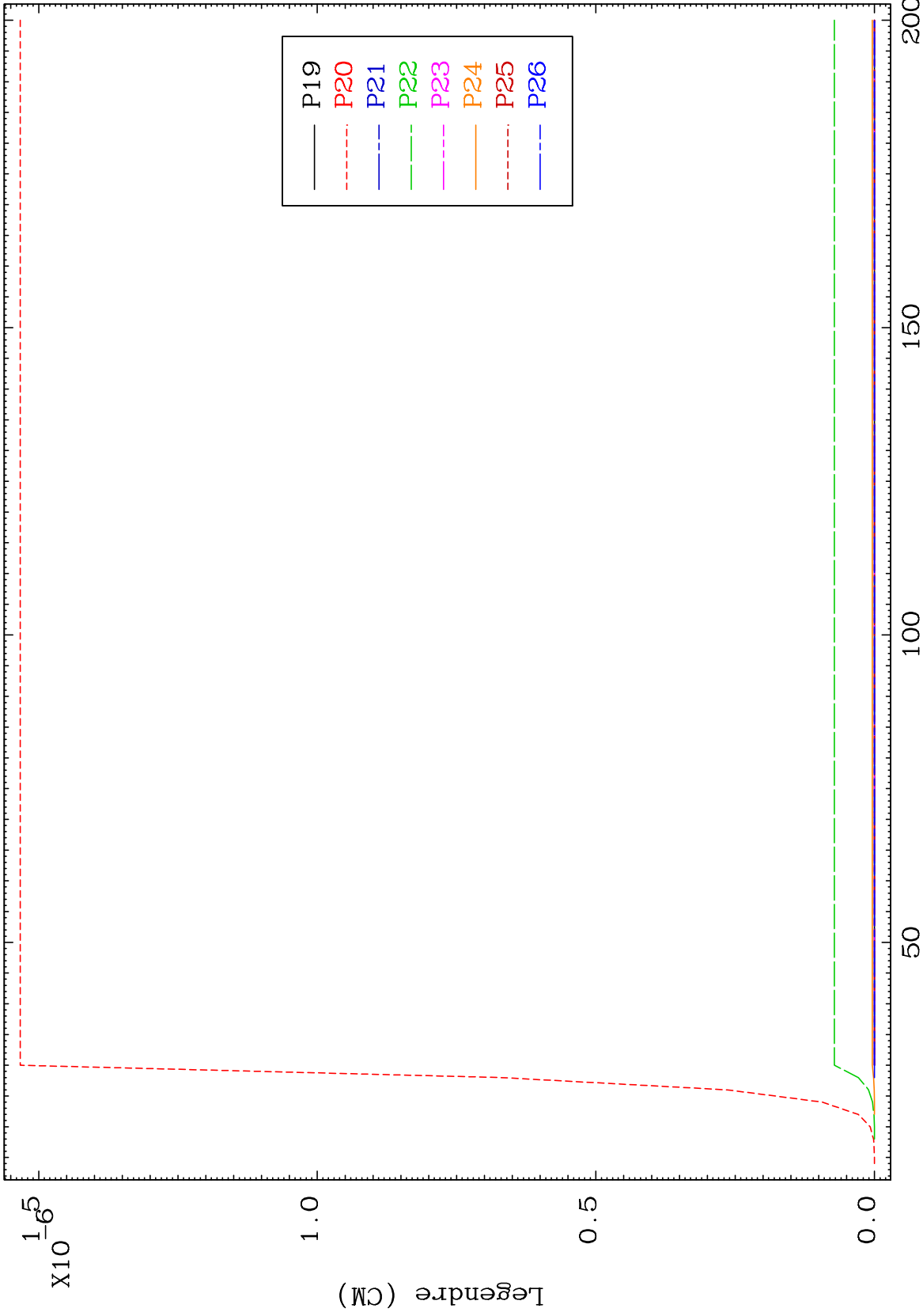
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



78

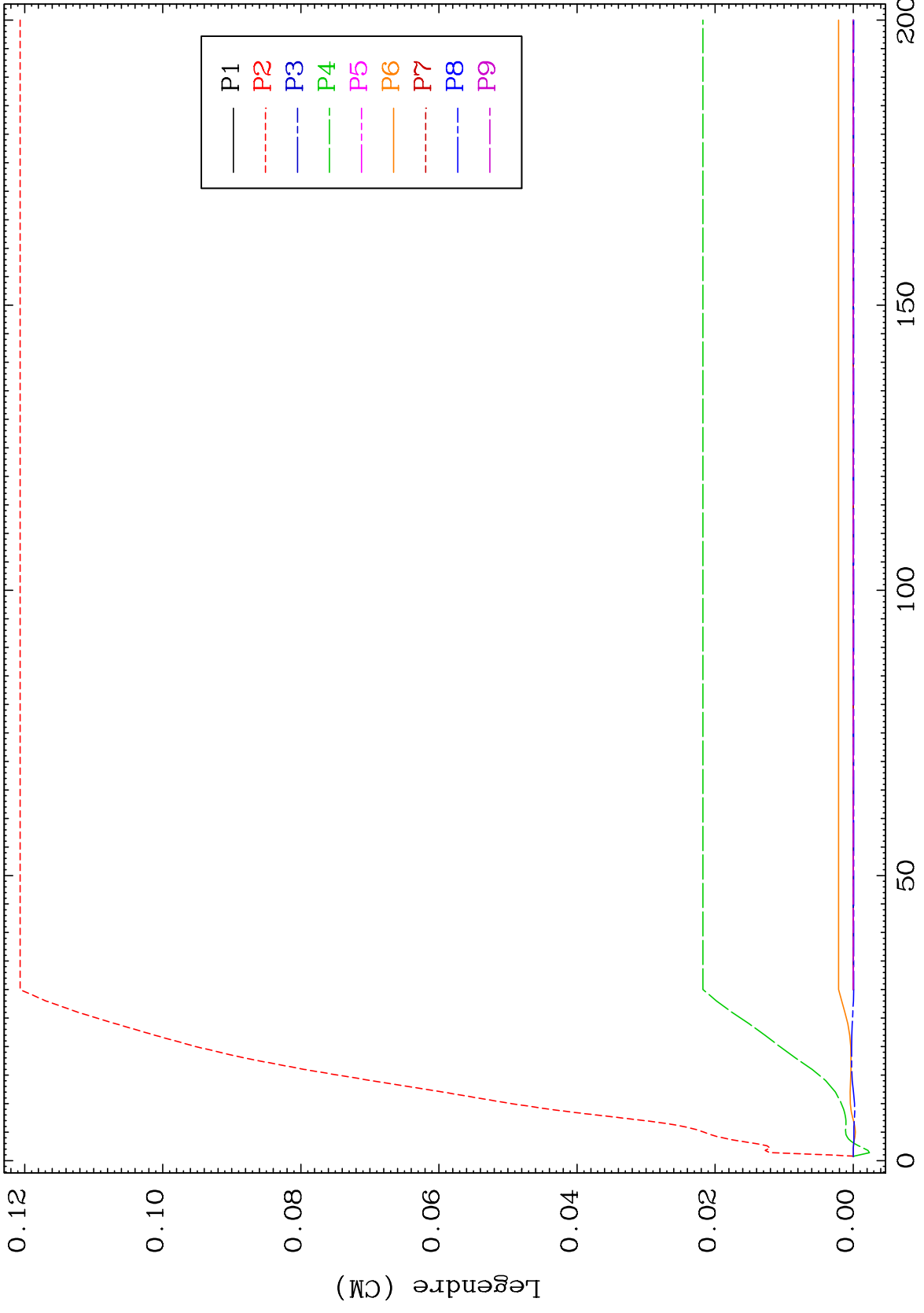
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



79

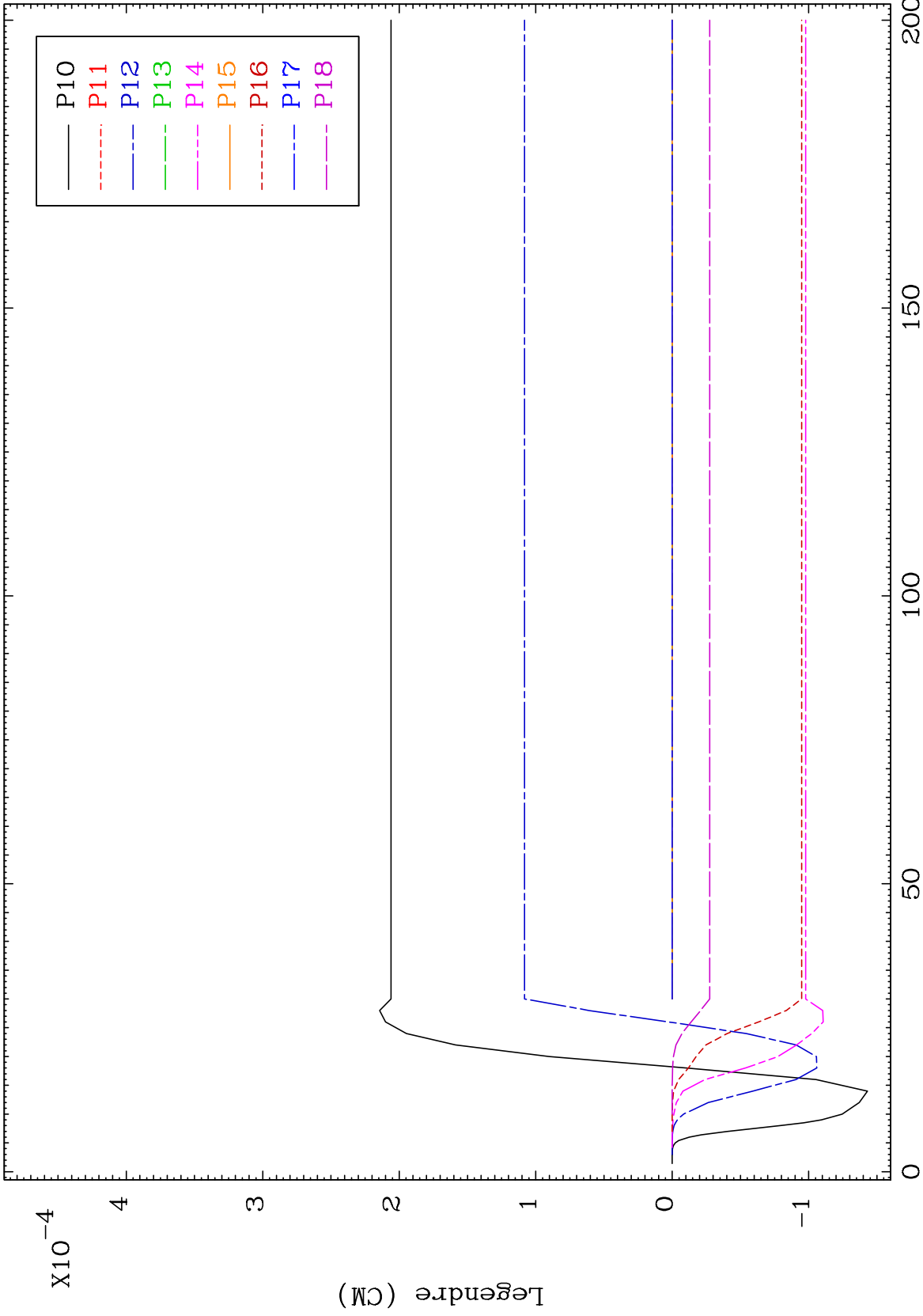
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



80

Incident Energy (MeV)

150

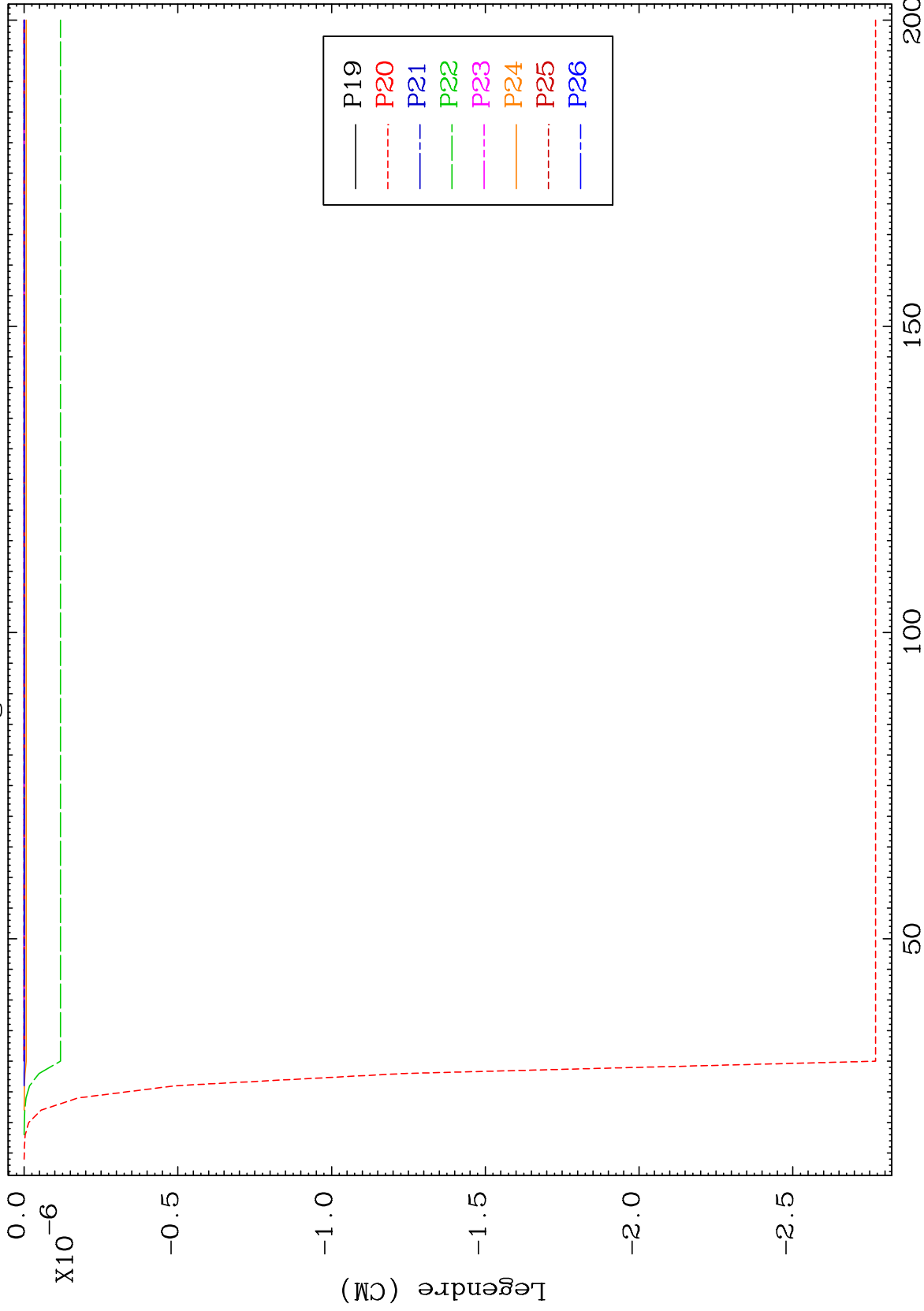
57-La-144

200

MAT 5743

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

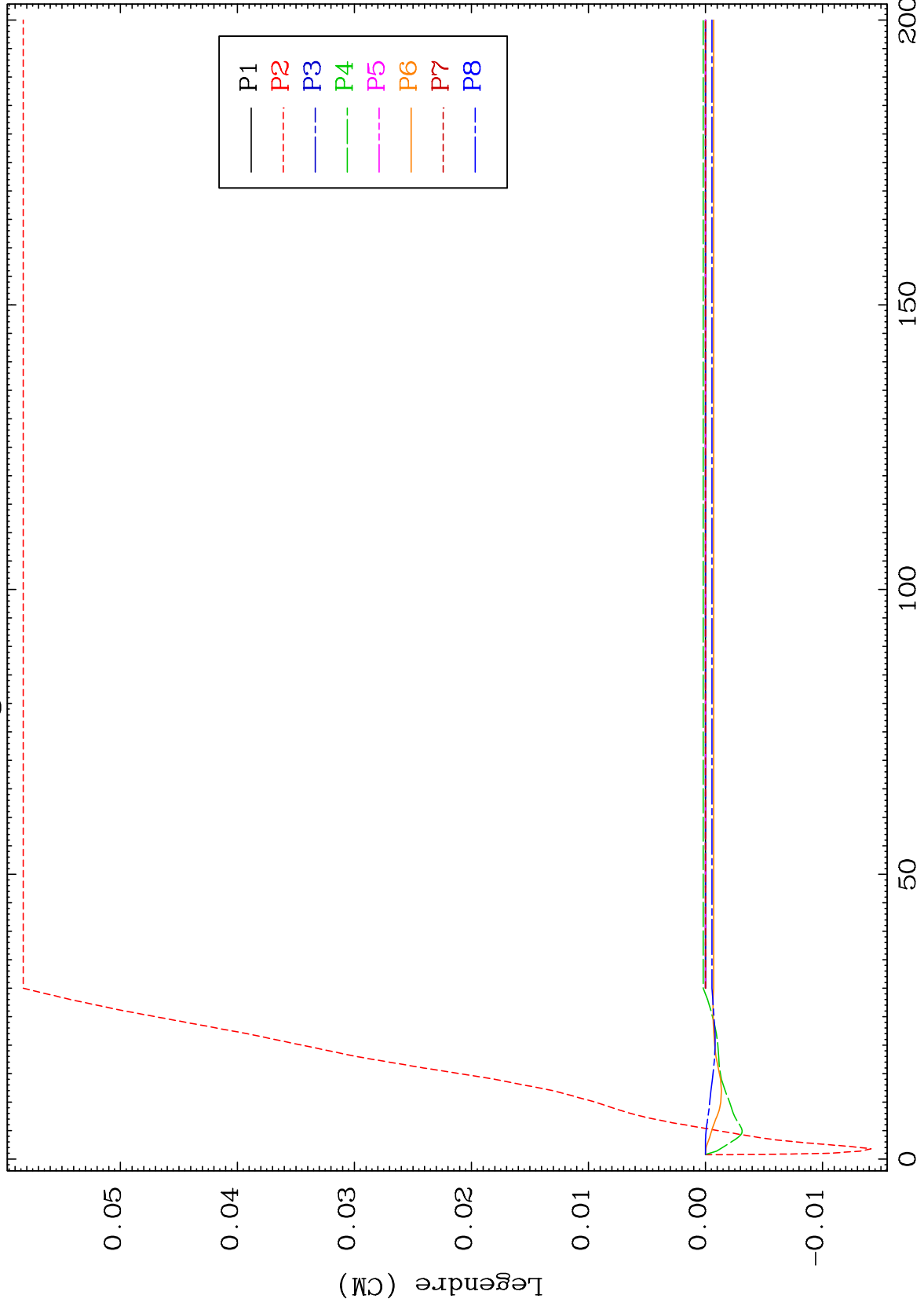
57-La-144



MAT 5743

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

57-La-144



82

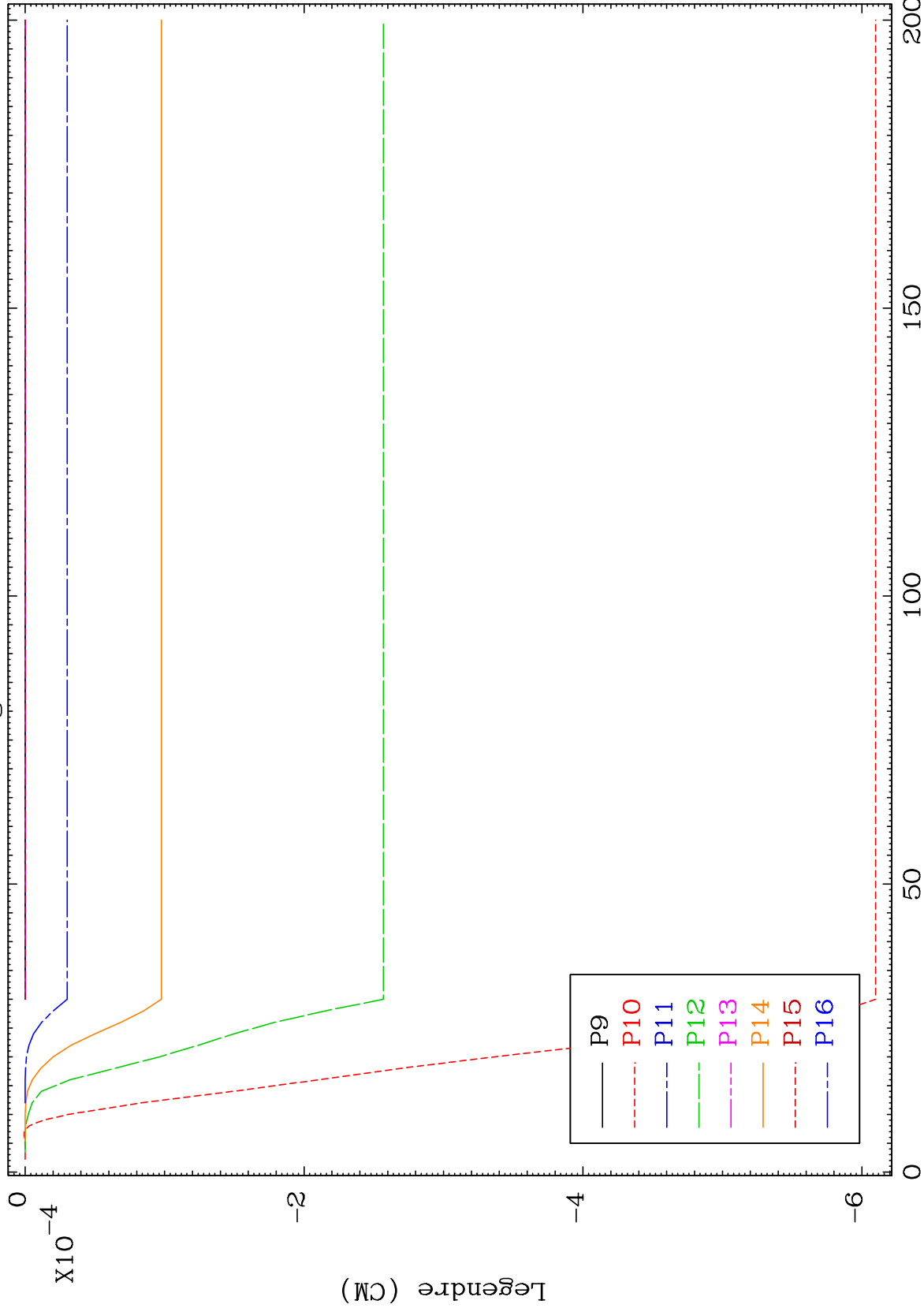
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



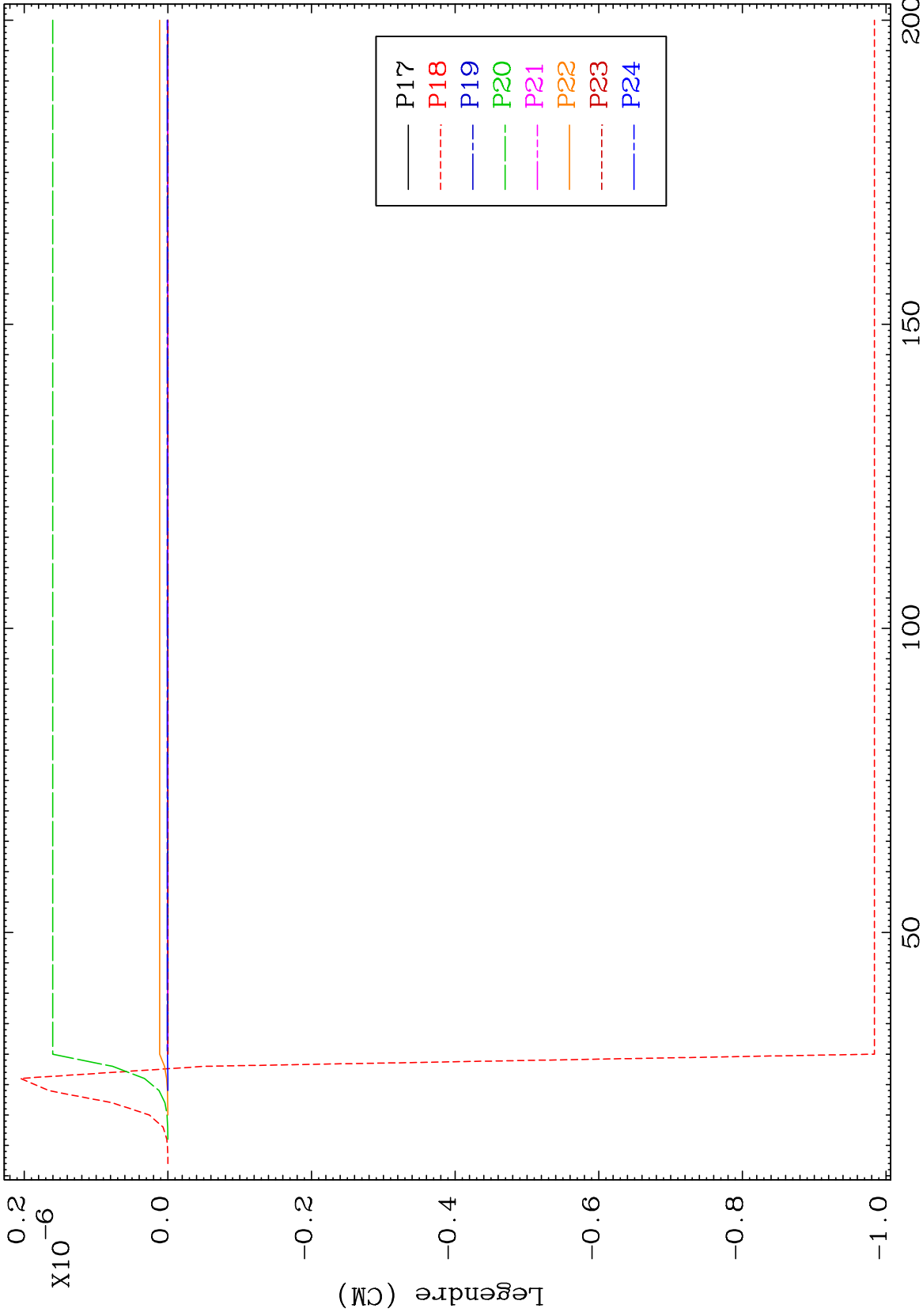
83

57-La-144

MAT 5743

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

57-La-144



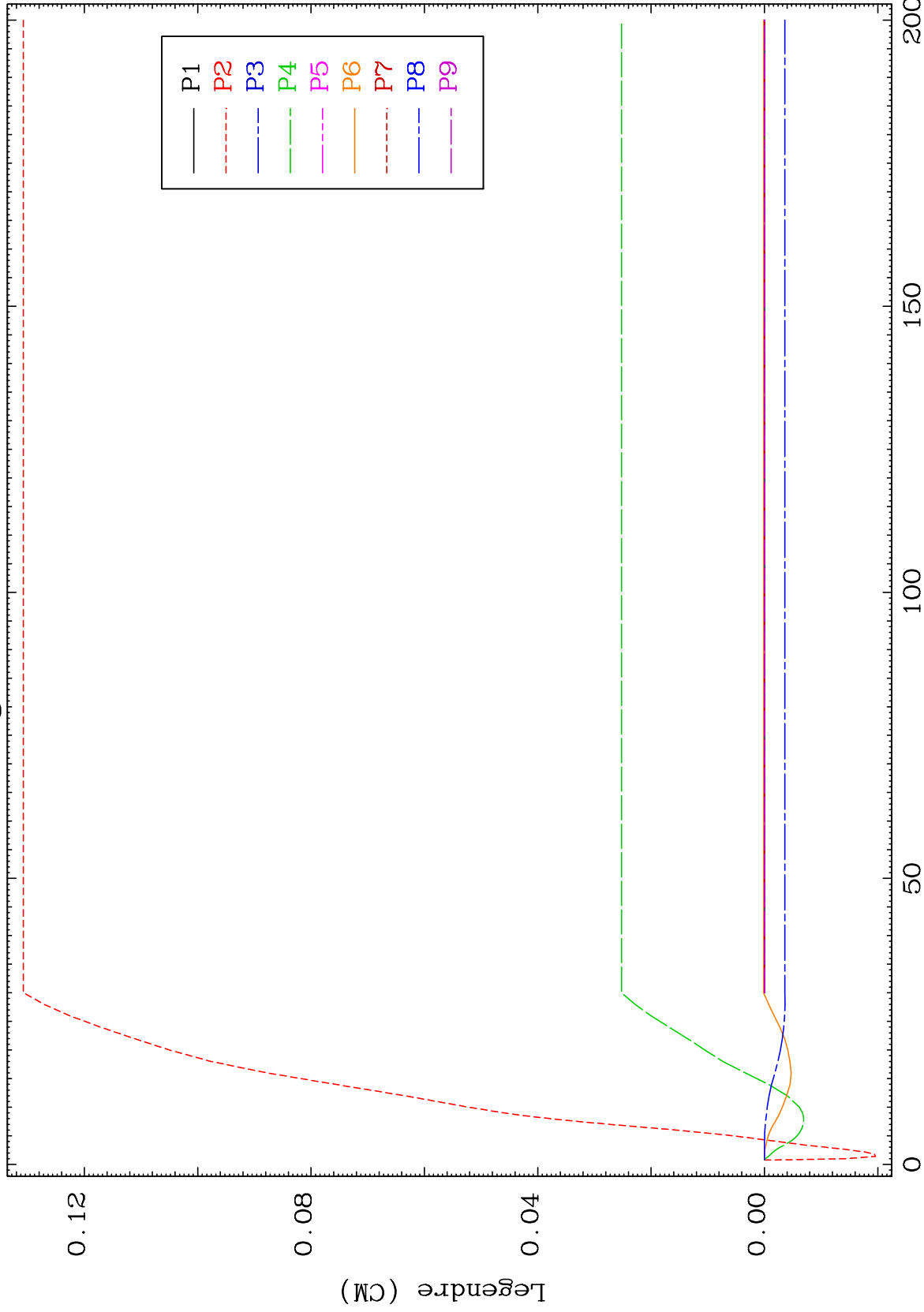
84

57-La-144

MAT 5743

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

57-La-144



85

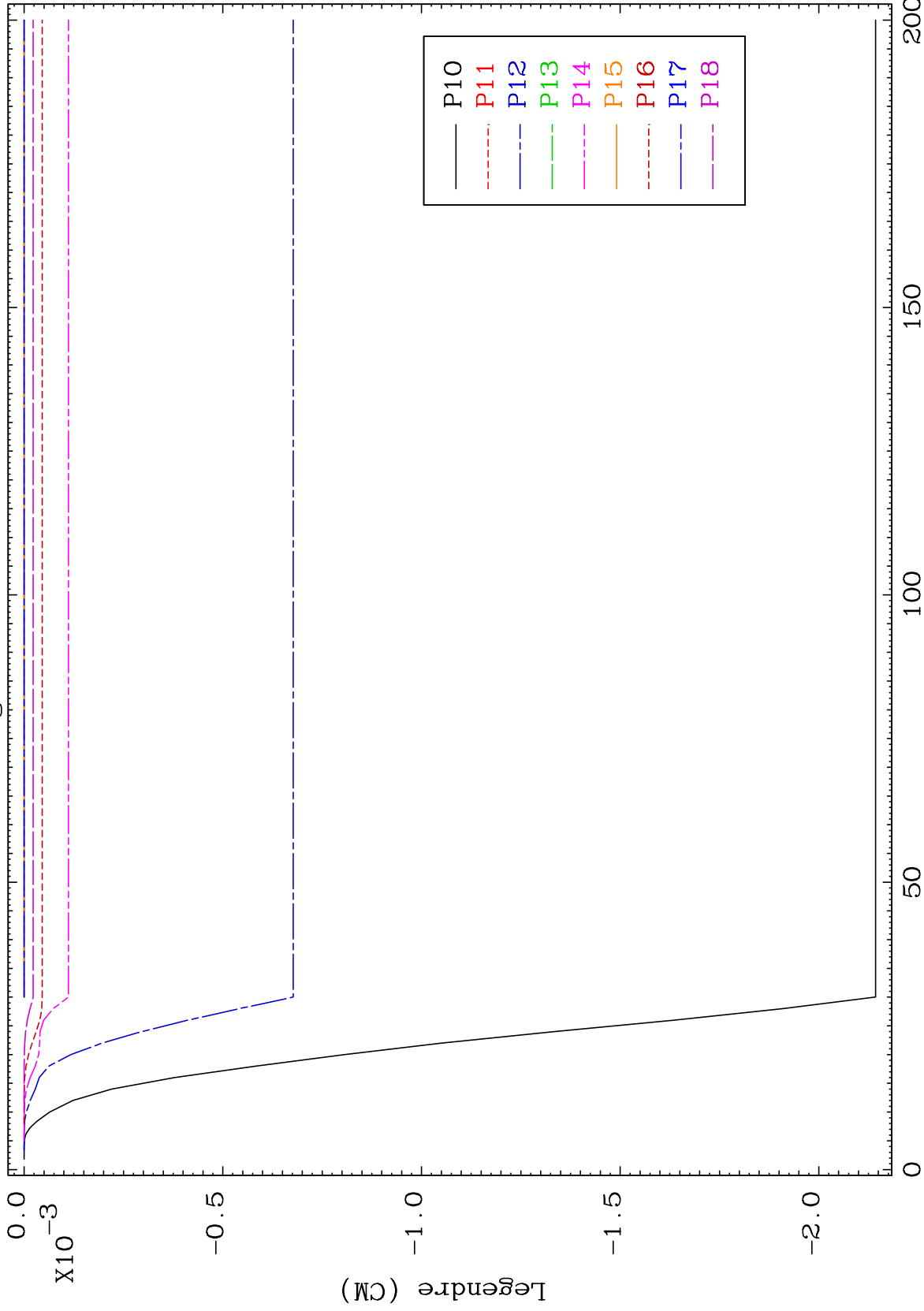
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



86

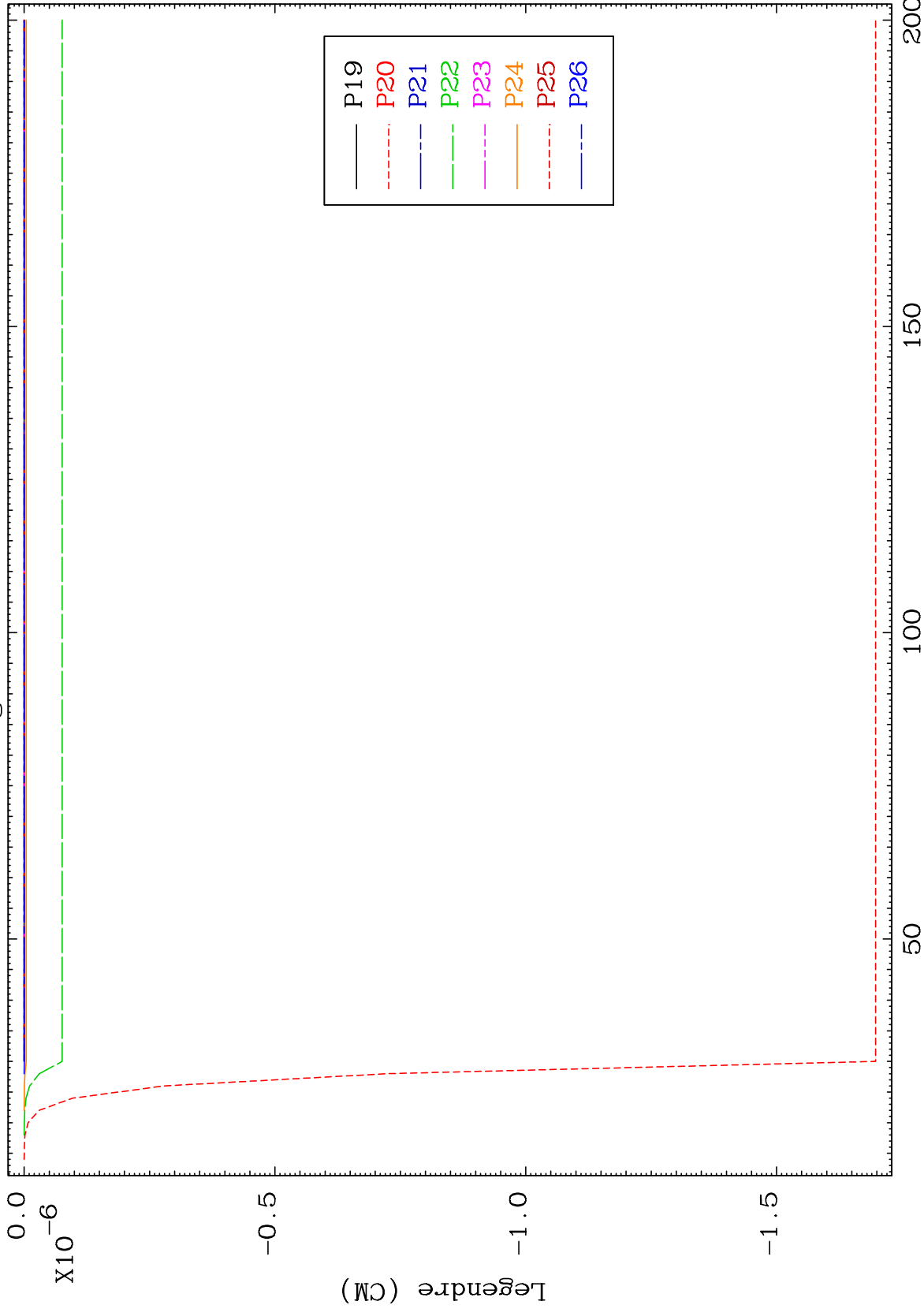
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



57-La-144

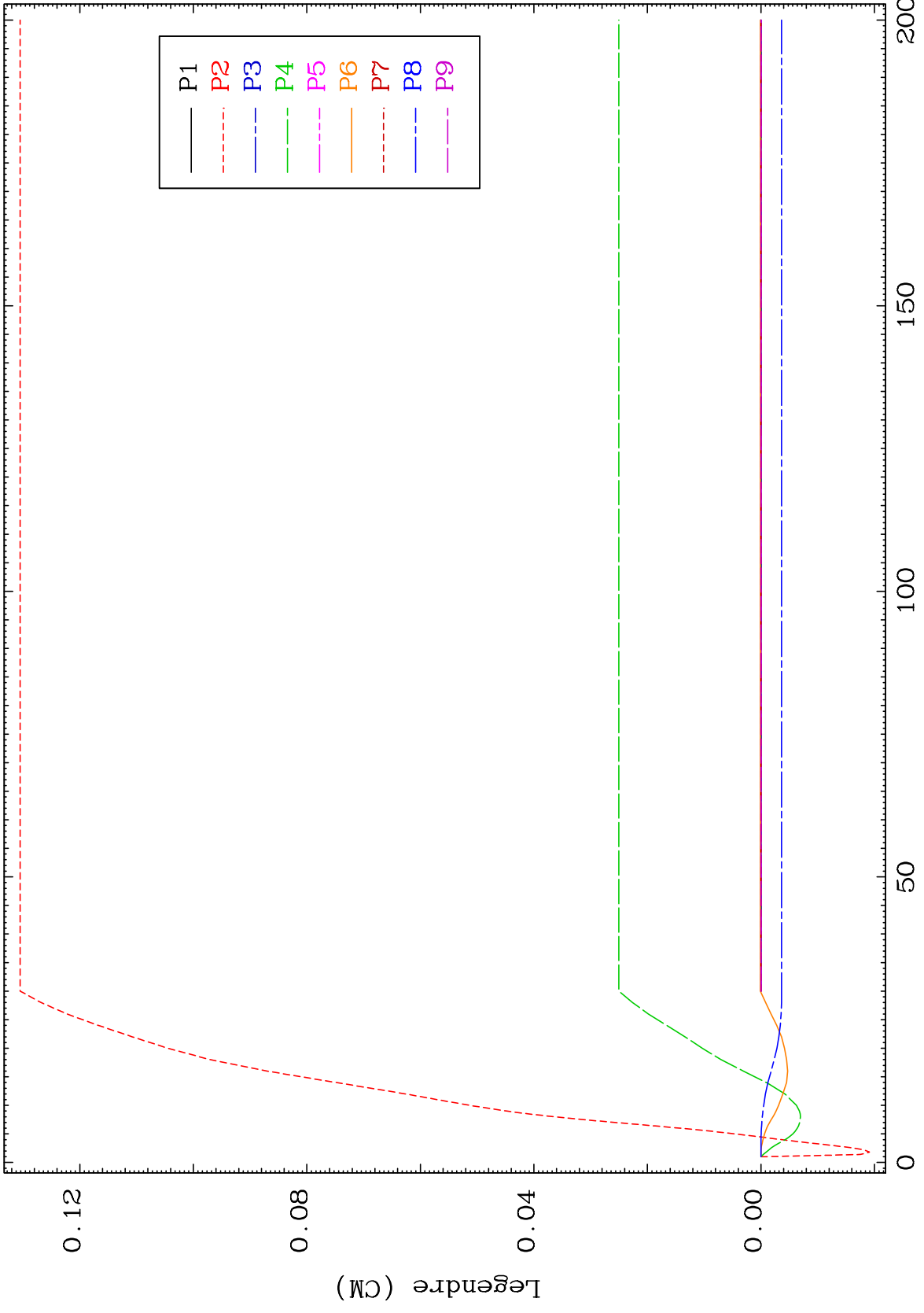
Incident Energy (MeV)

87

MAT 5743

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

57-La-144



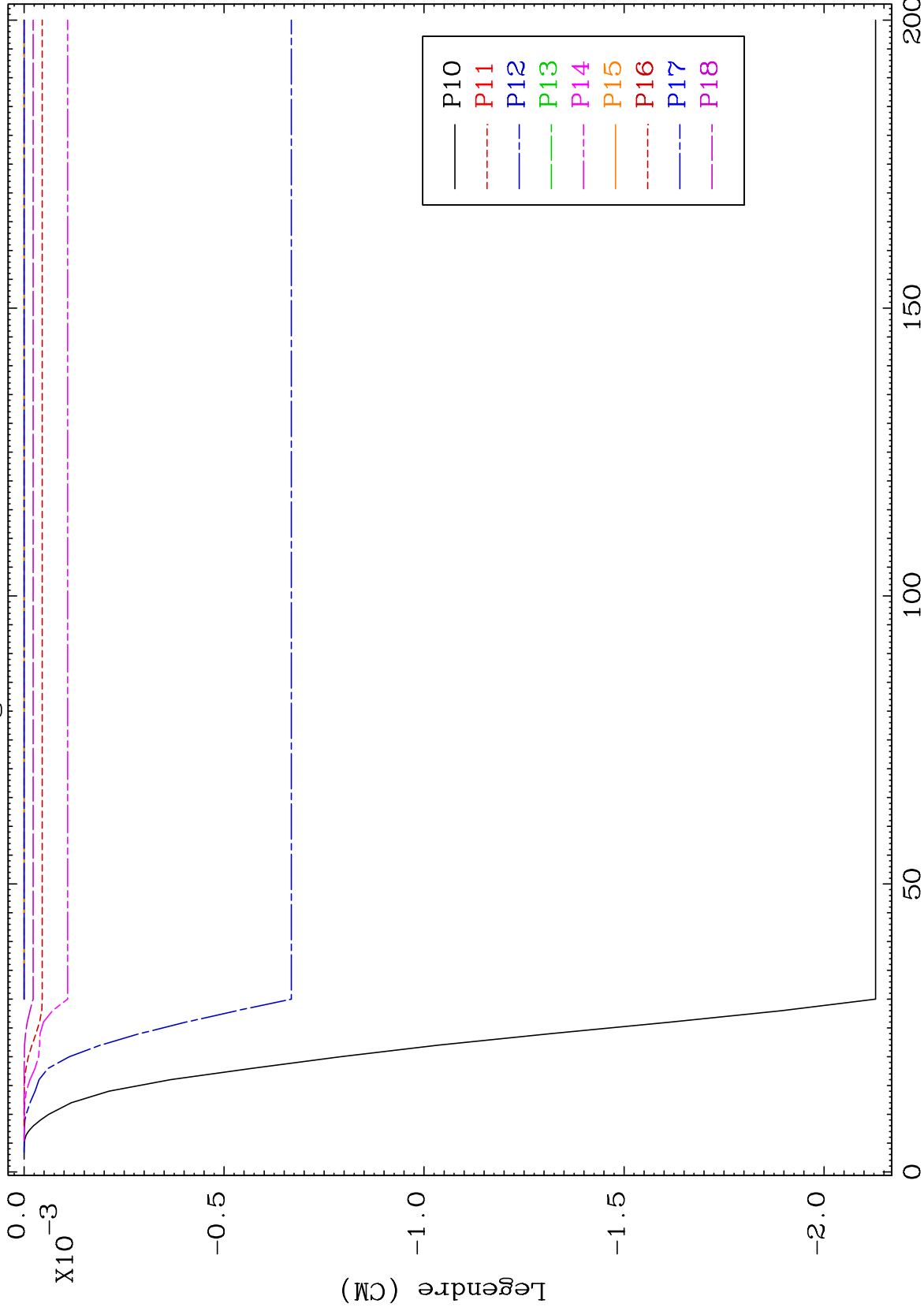
88

57-La-144

MAT 5743

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

57-La-144



57-La-144

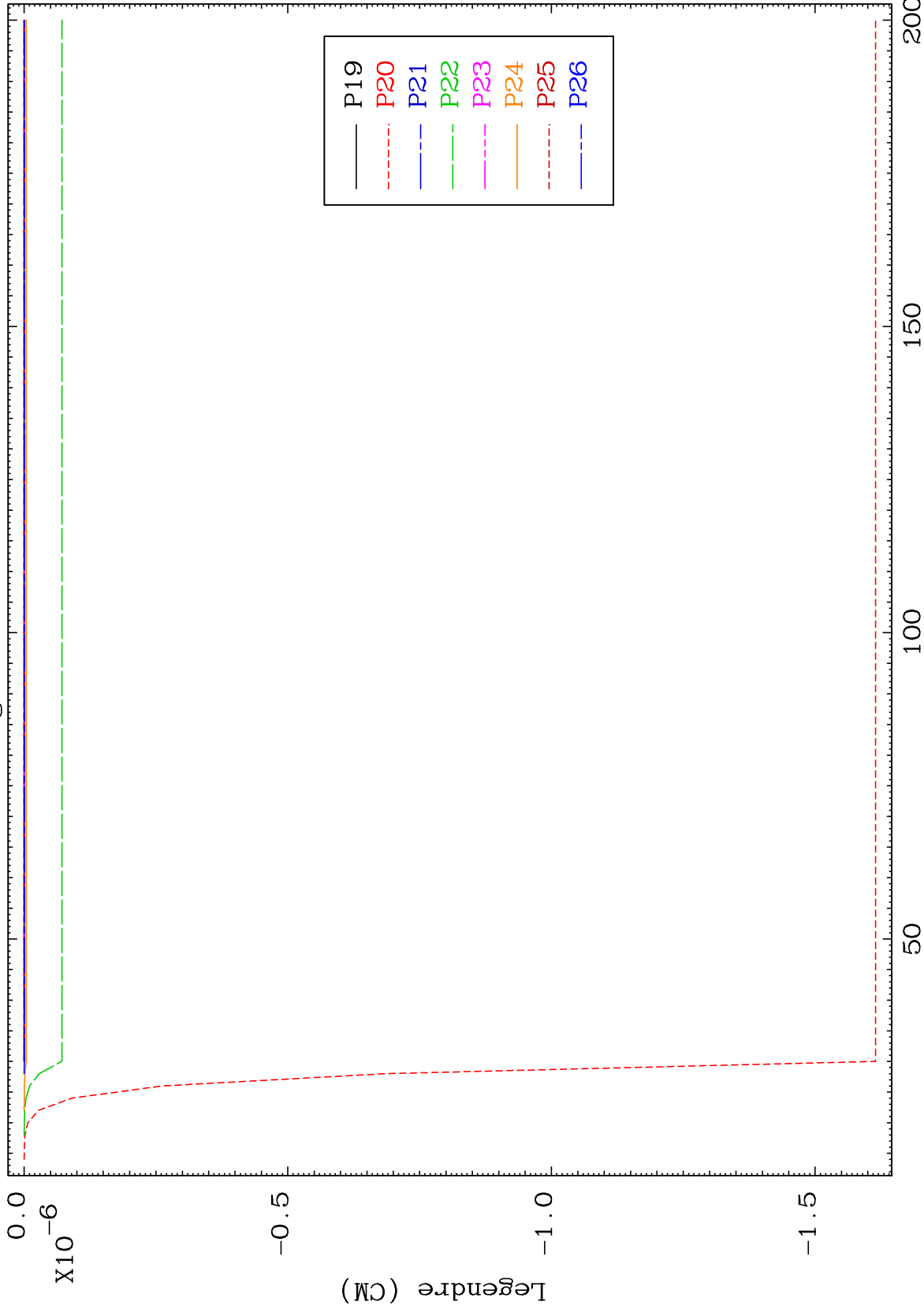
Incident Energy (MeV)

89

MAT 5743

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

57-La-144



57-La-144

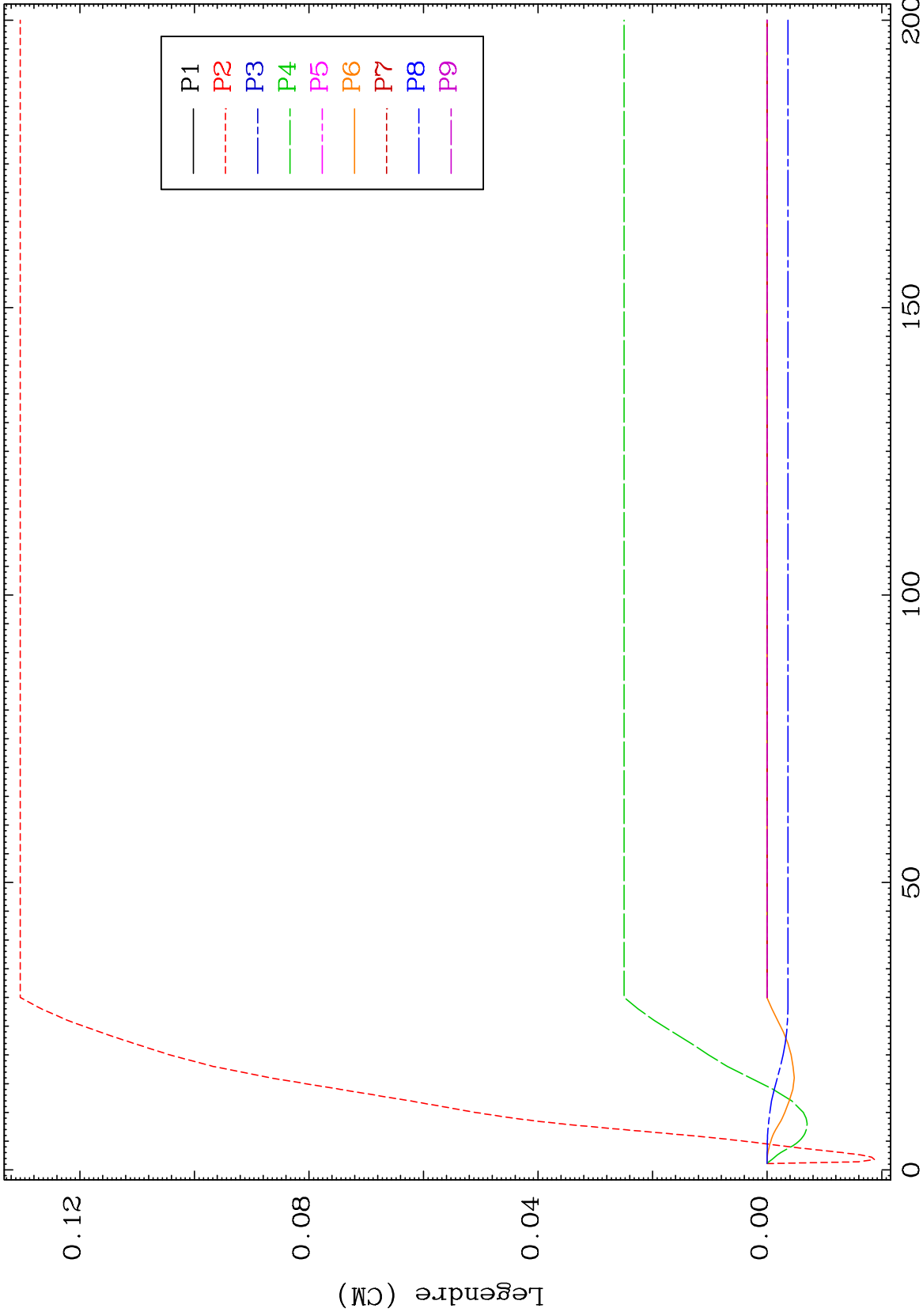
Incident Energy (MeV)

90

MAT 5743

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

57-La-144



91

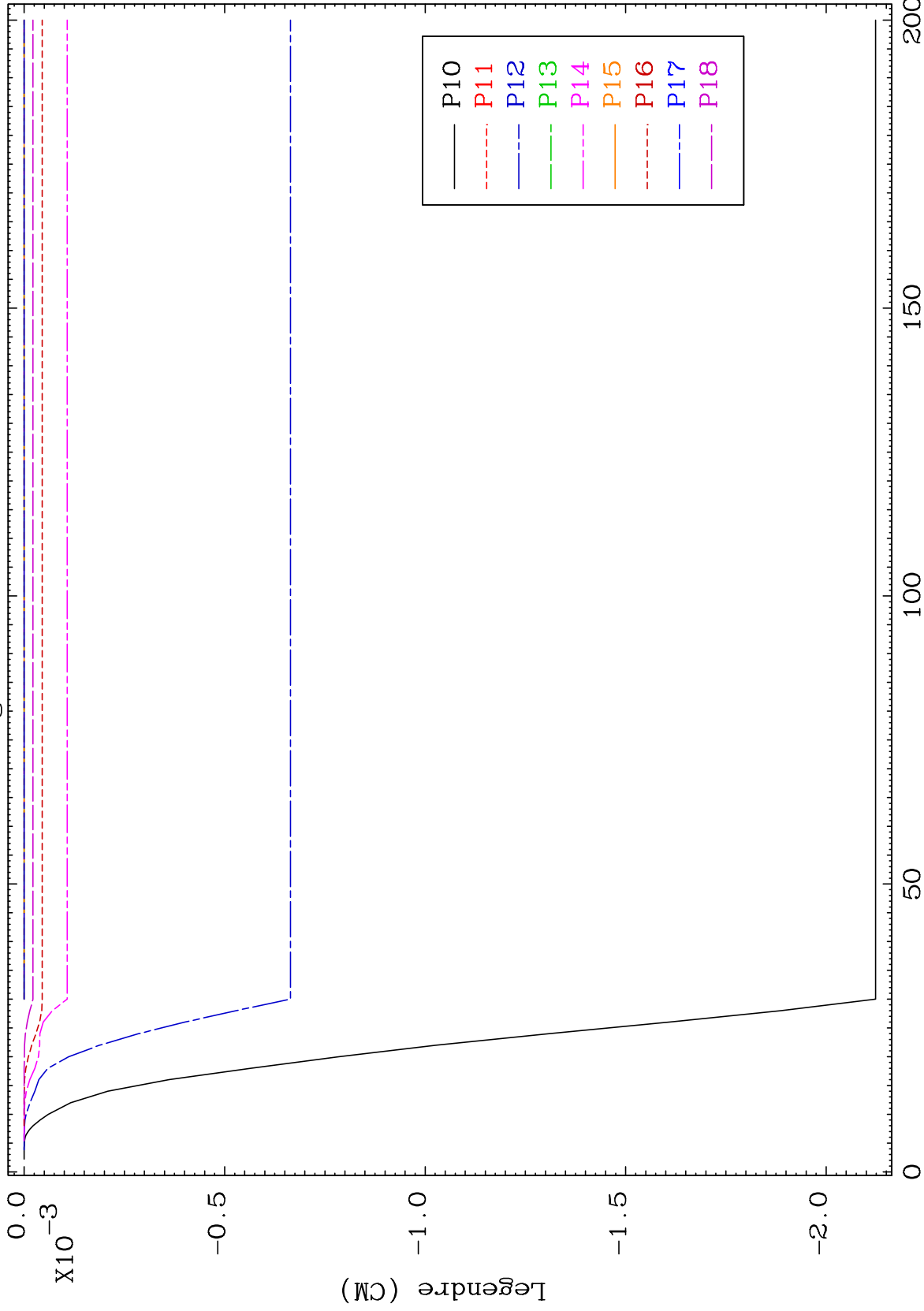
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



92

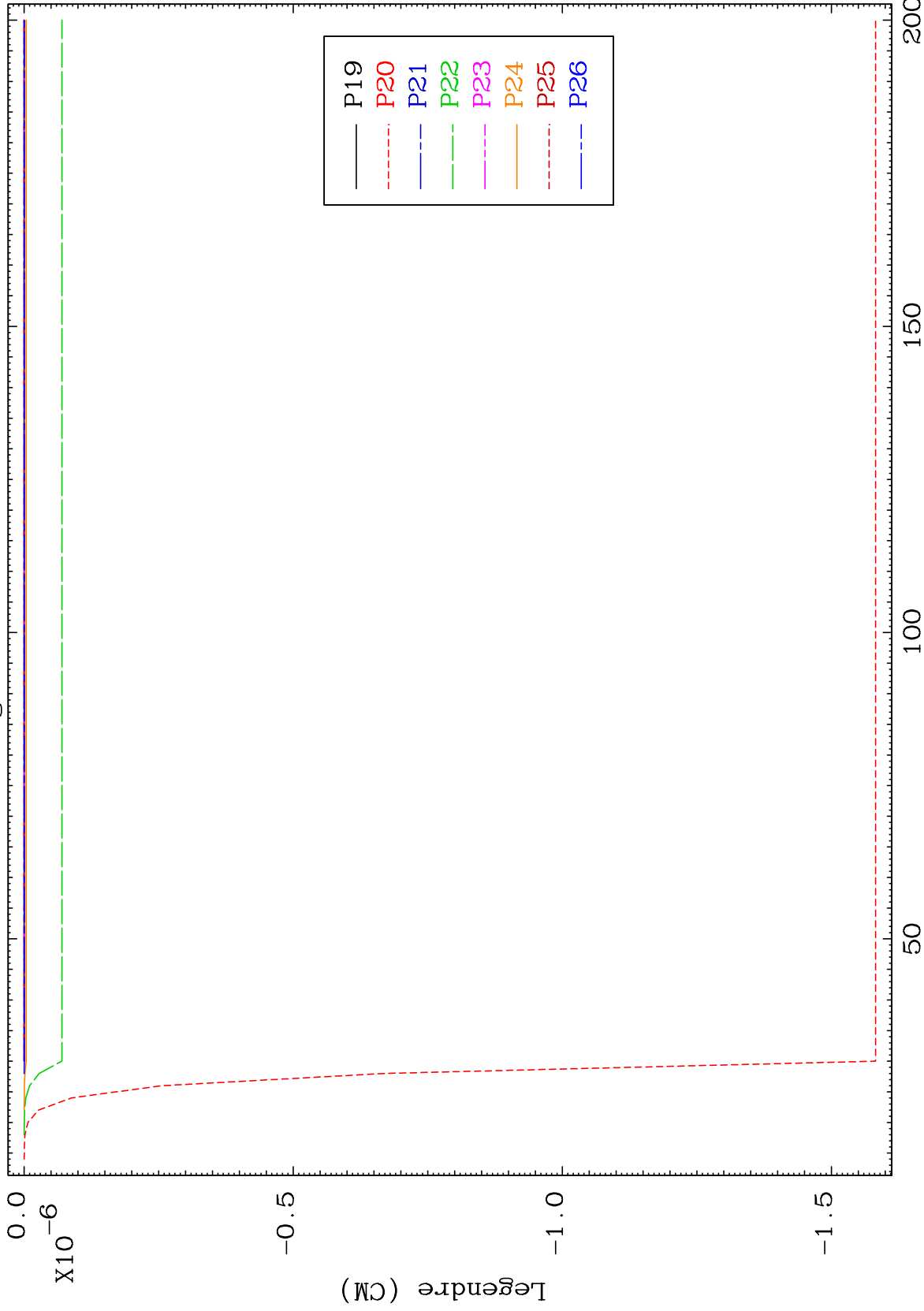
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



93

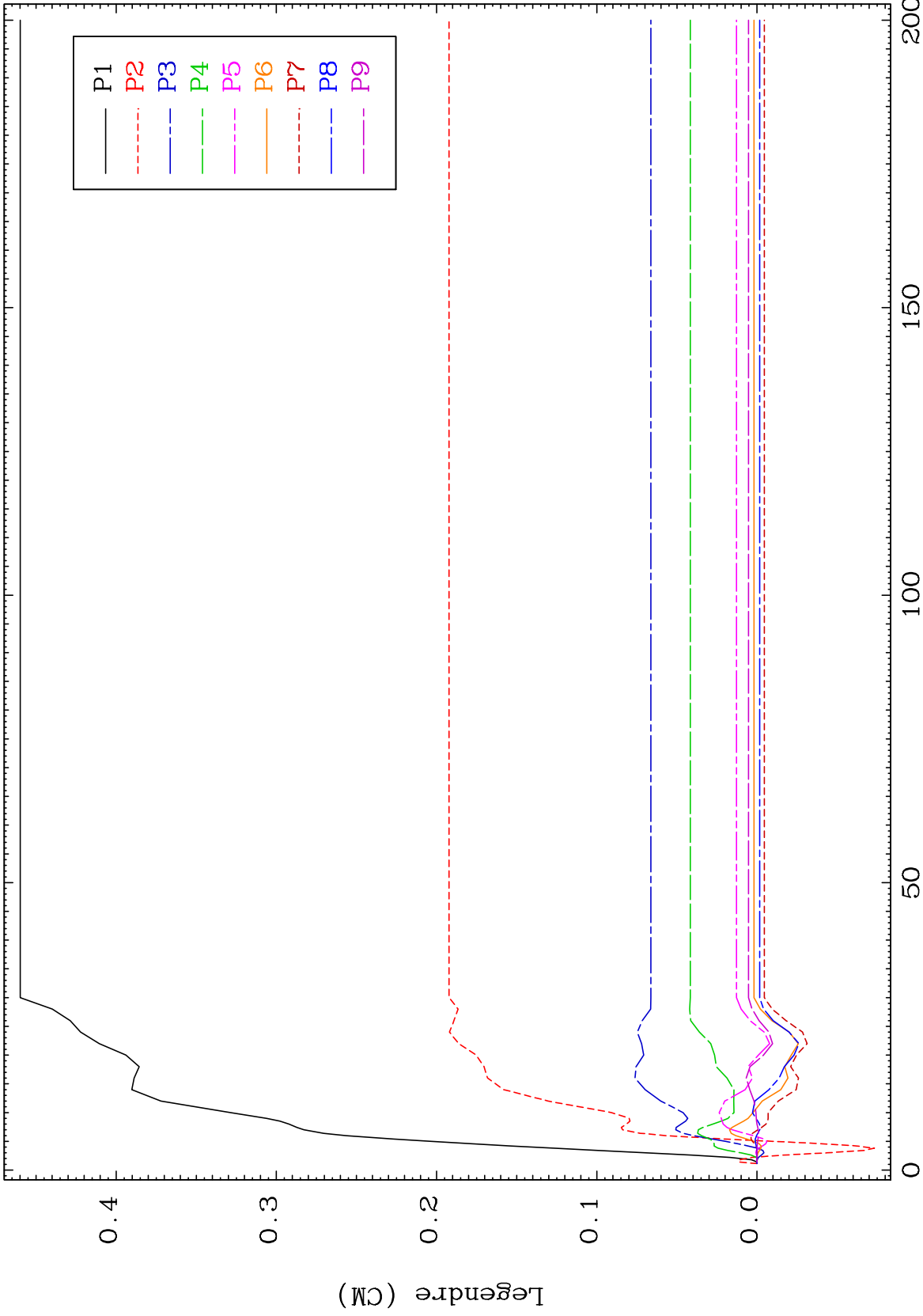
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



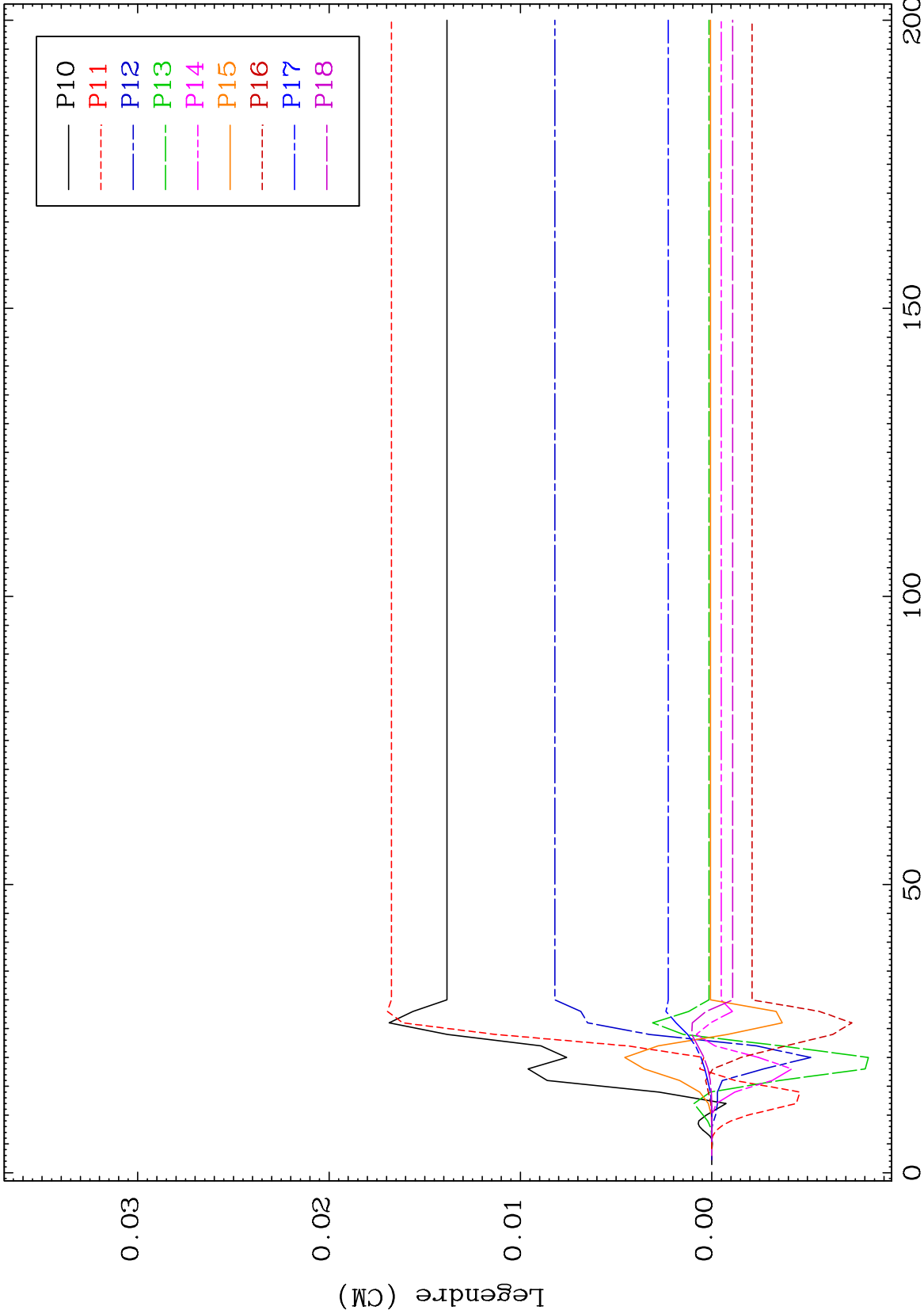
94

57-La-144

MAT 5743

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

57-La-144



95

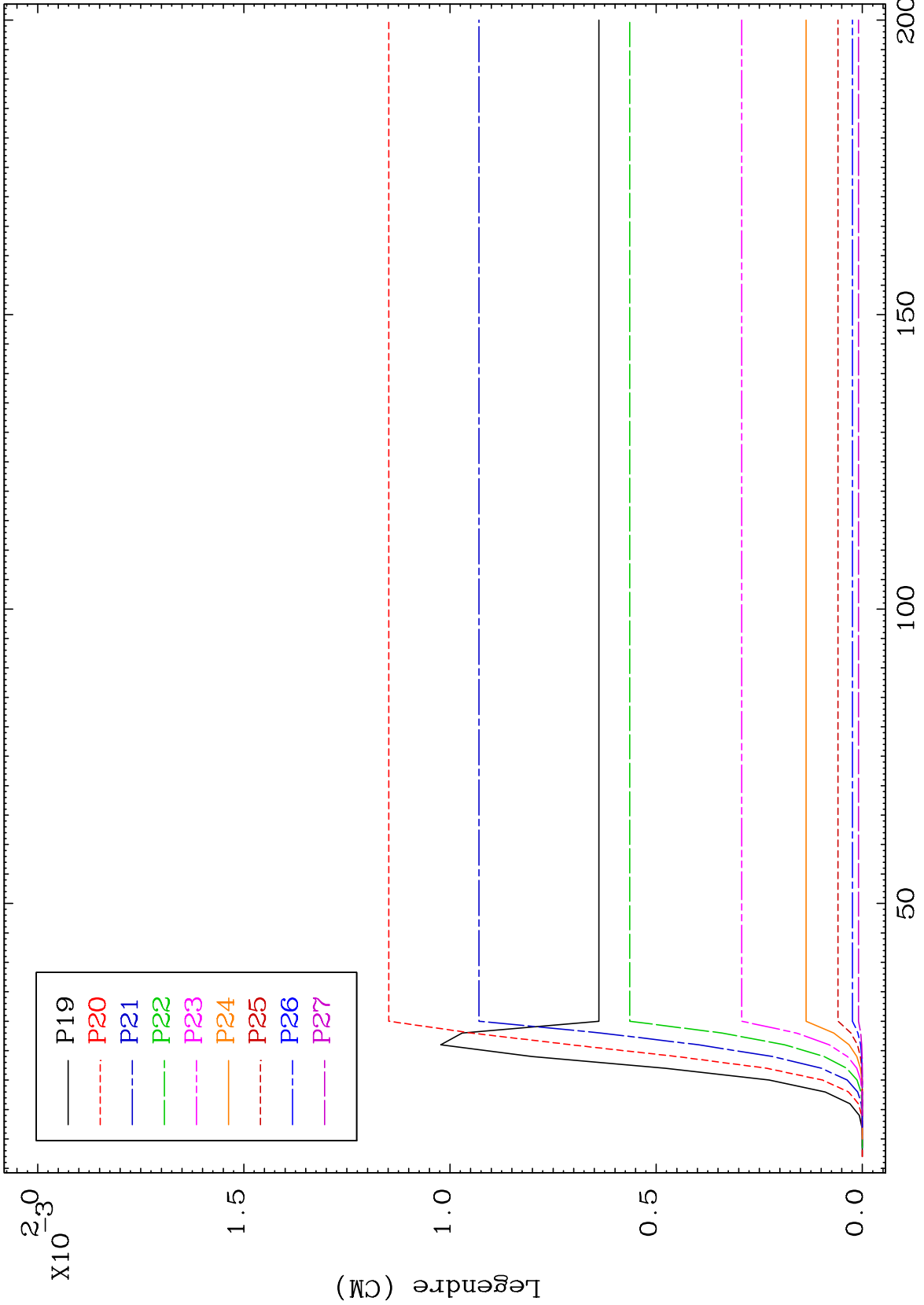
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



96

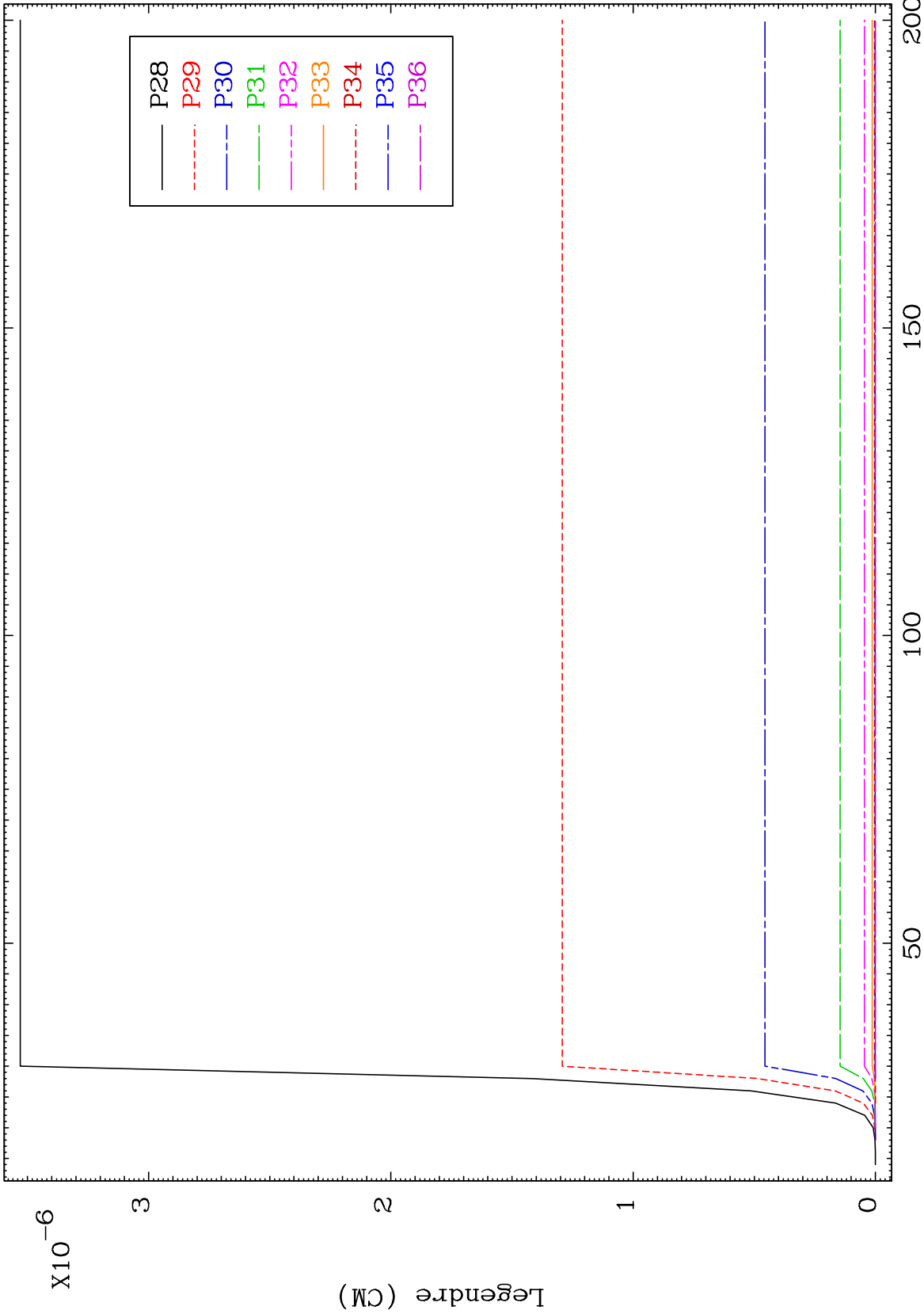
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



97

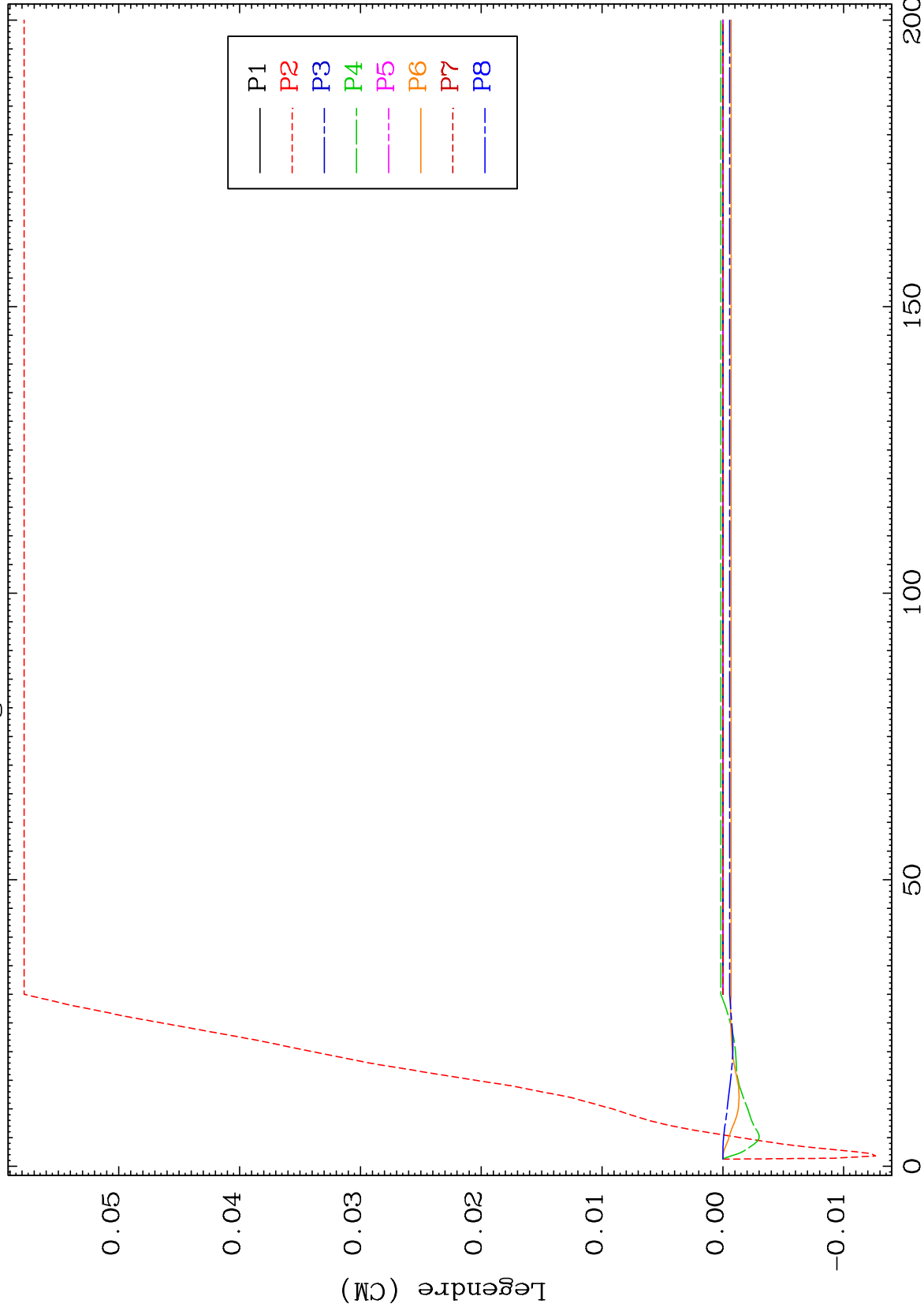
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



98

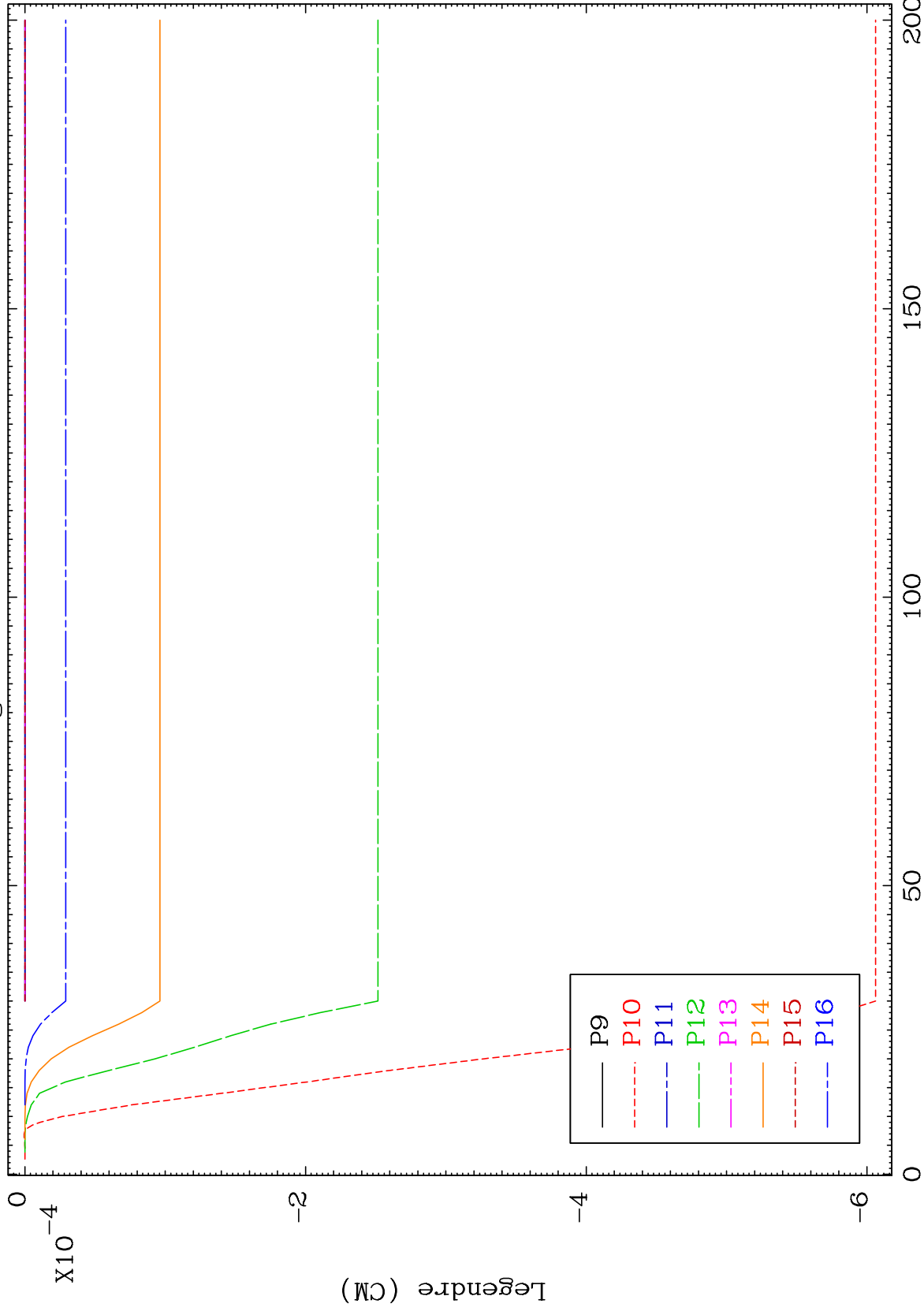
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



99

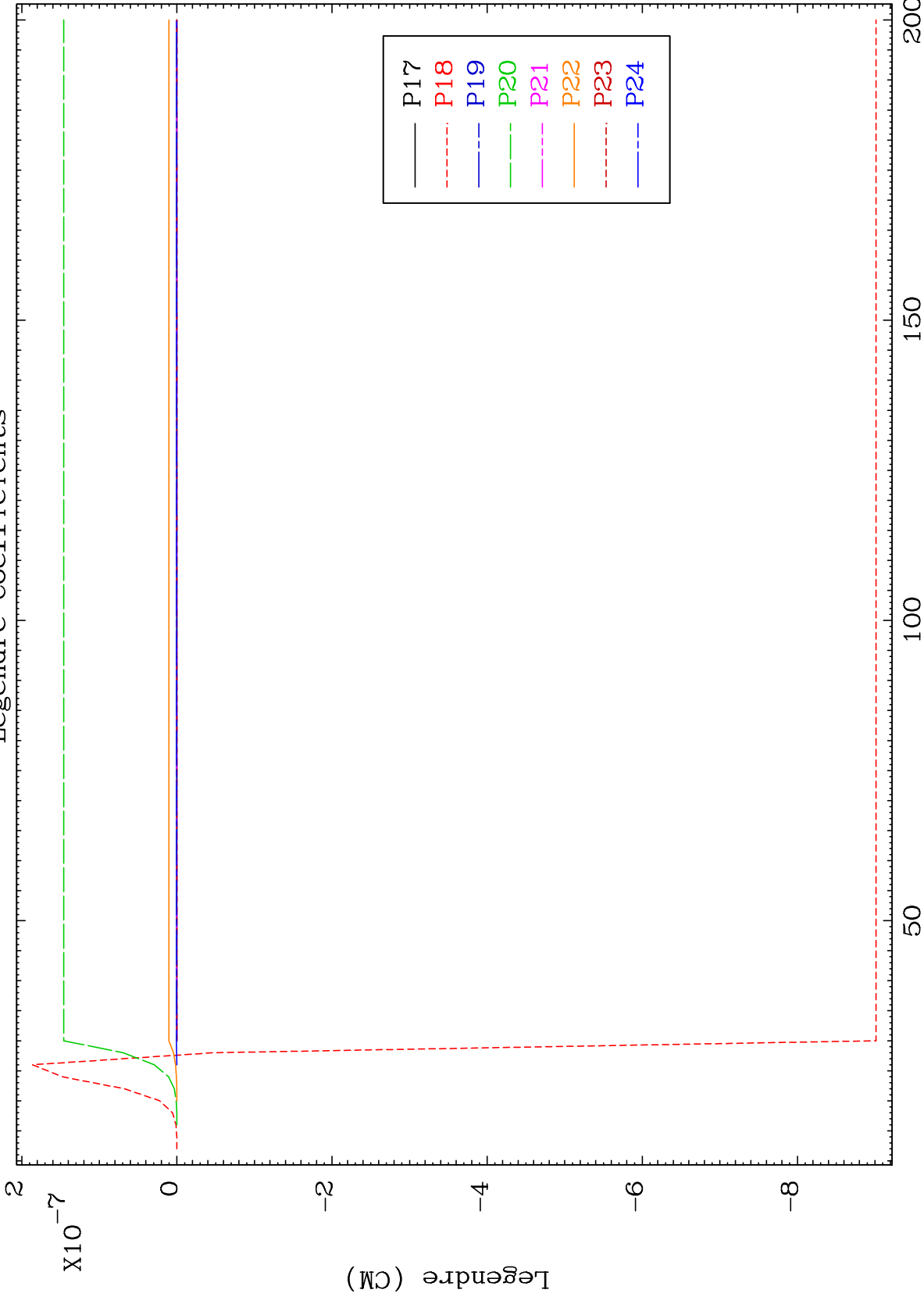
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



57-La-144

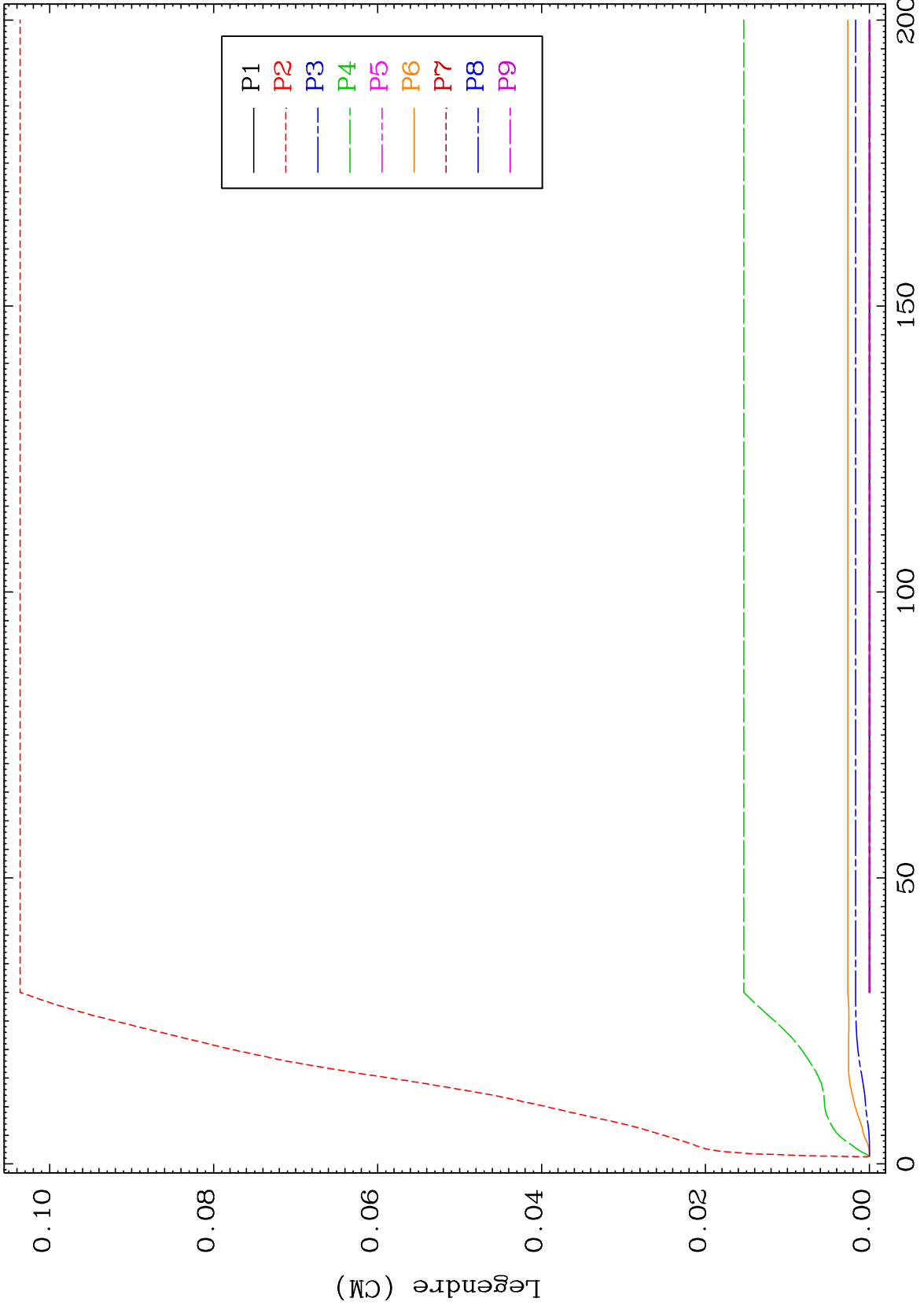
Incident Energy (MeV)

100

MAT 5743

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

57-La-144



57-La-144

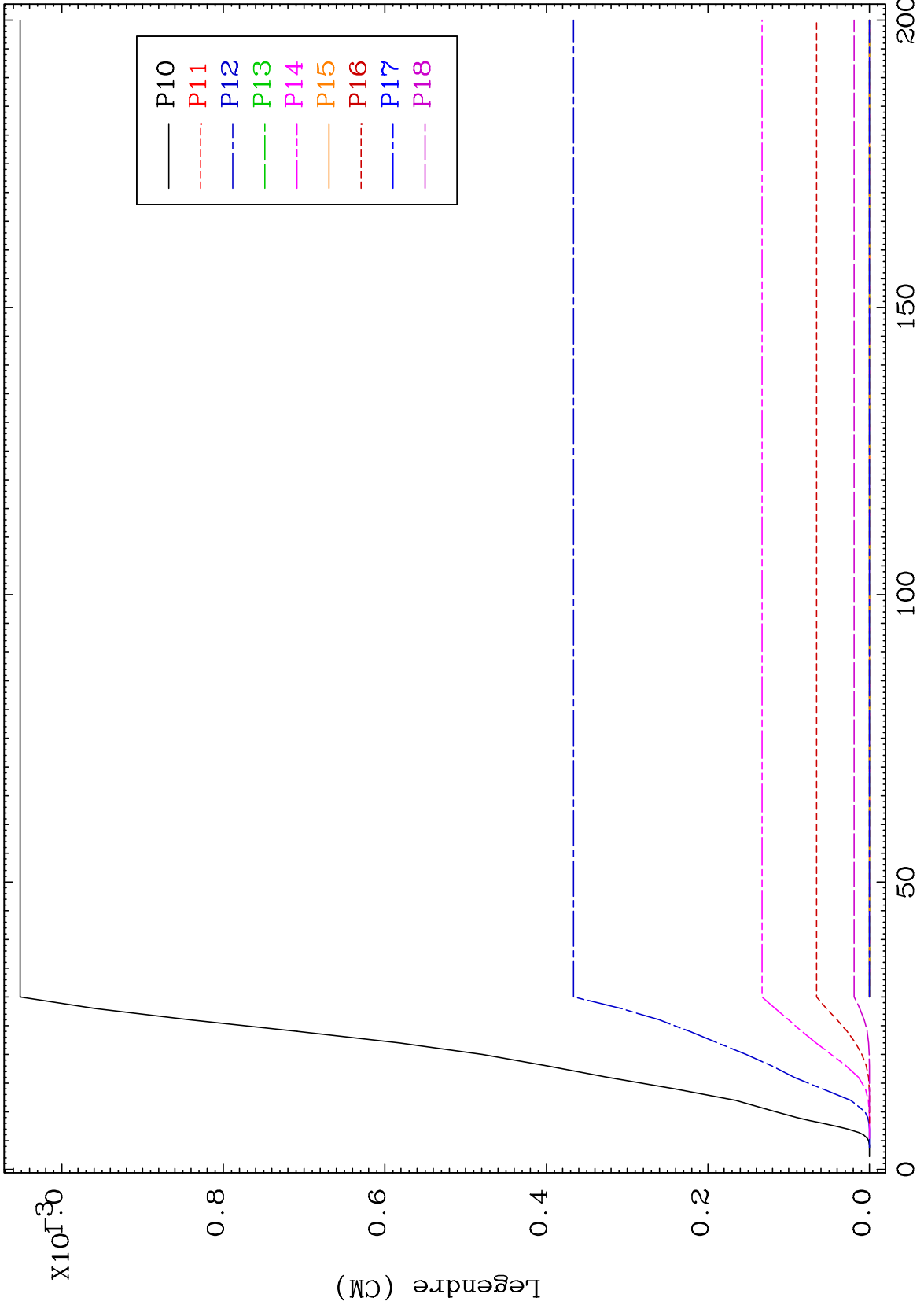
Incident Energy (MeV)

101

MAT 5743

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

57-La-144



102

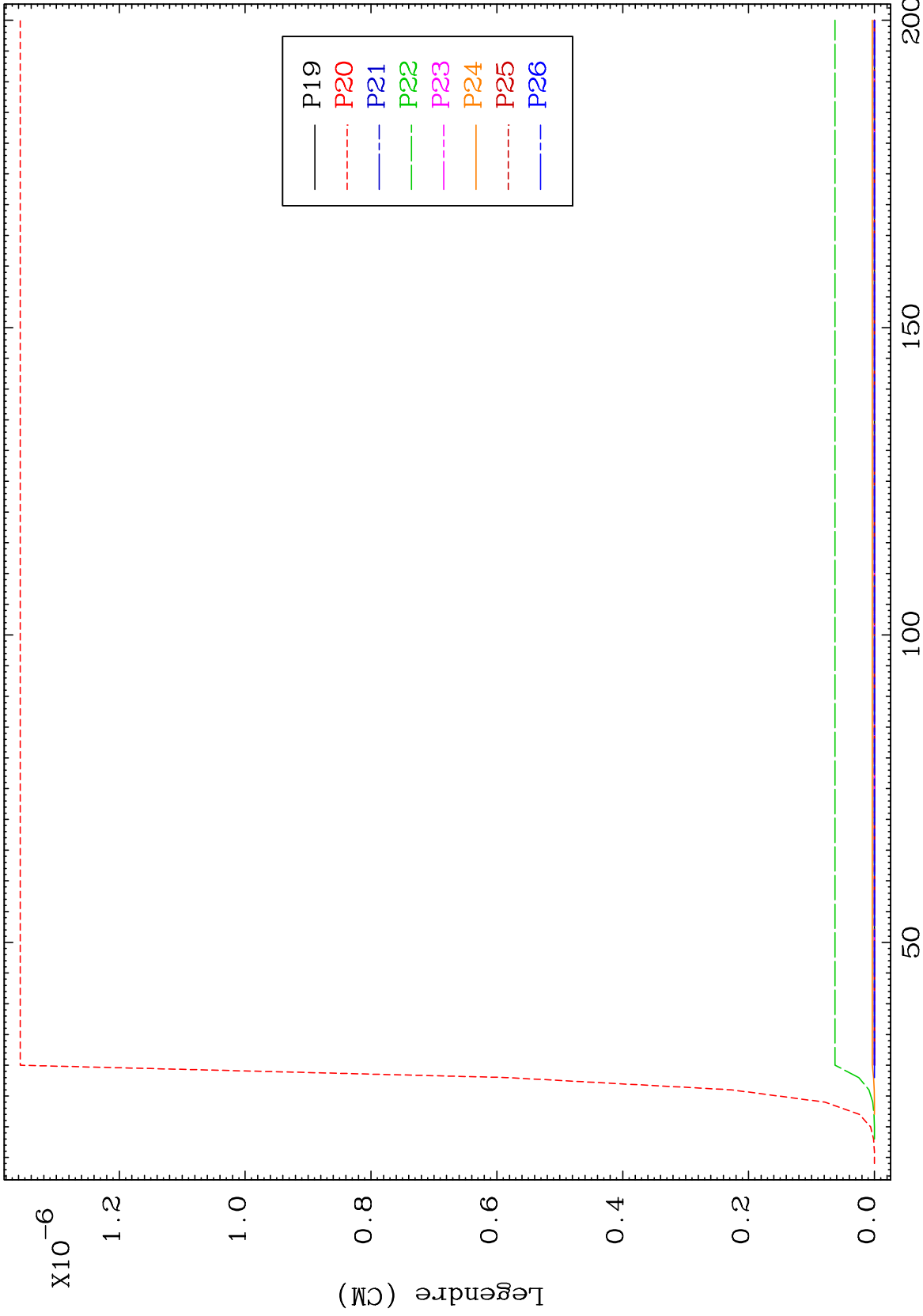
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



103

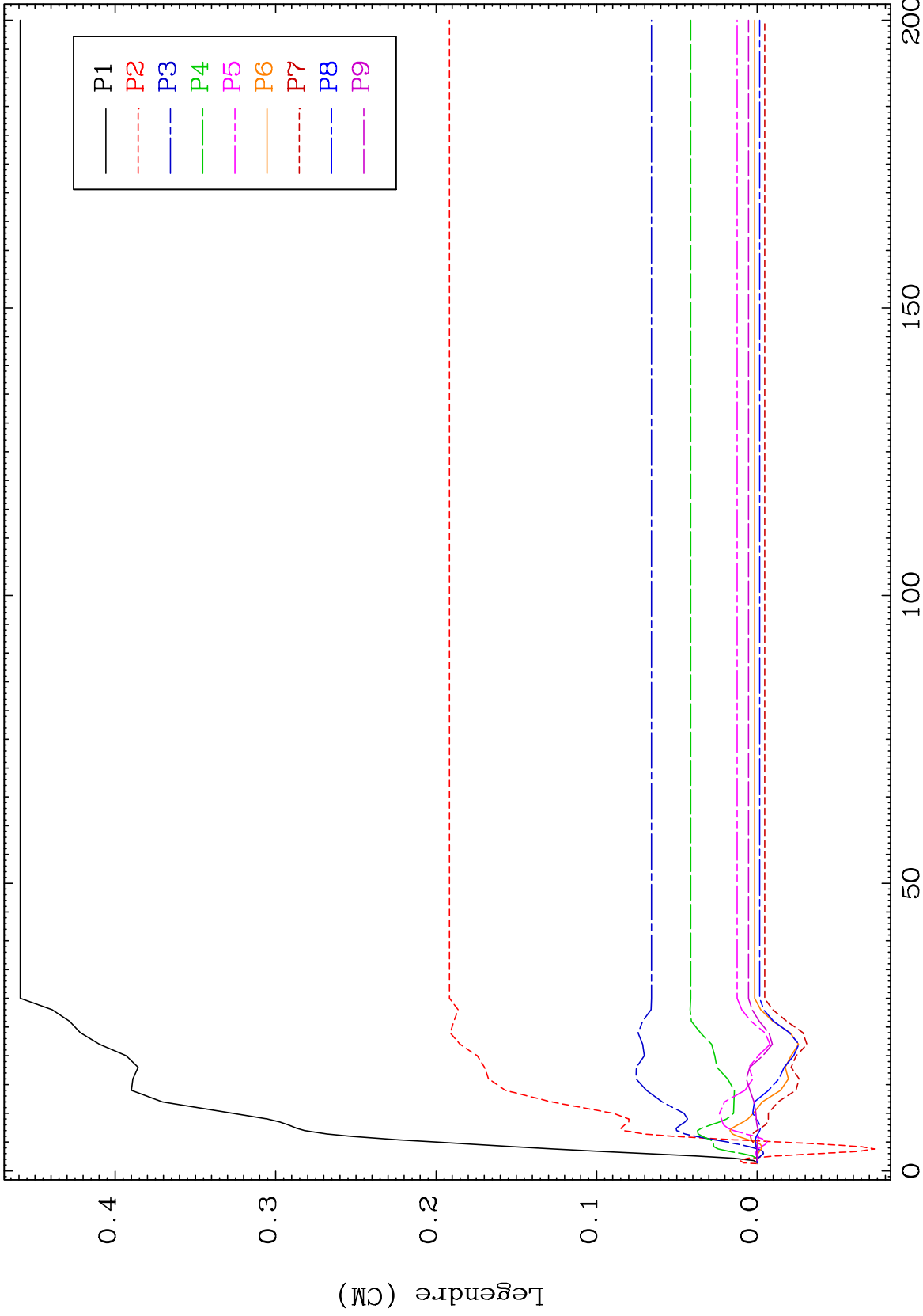
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



57-La-144

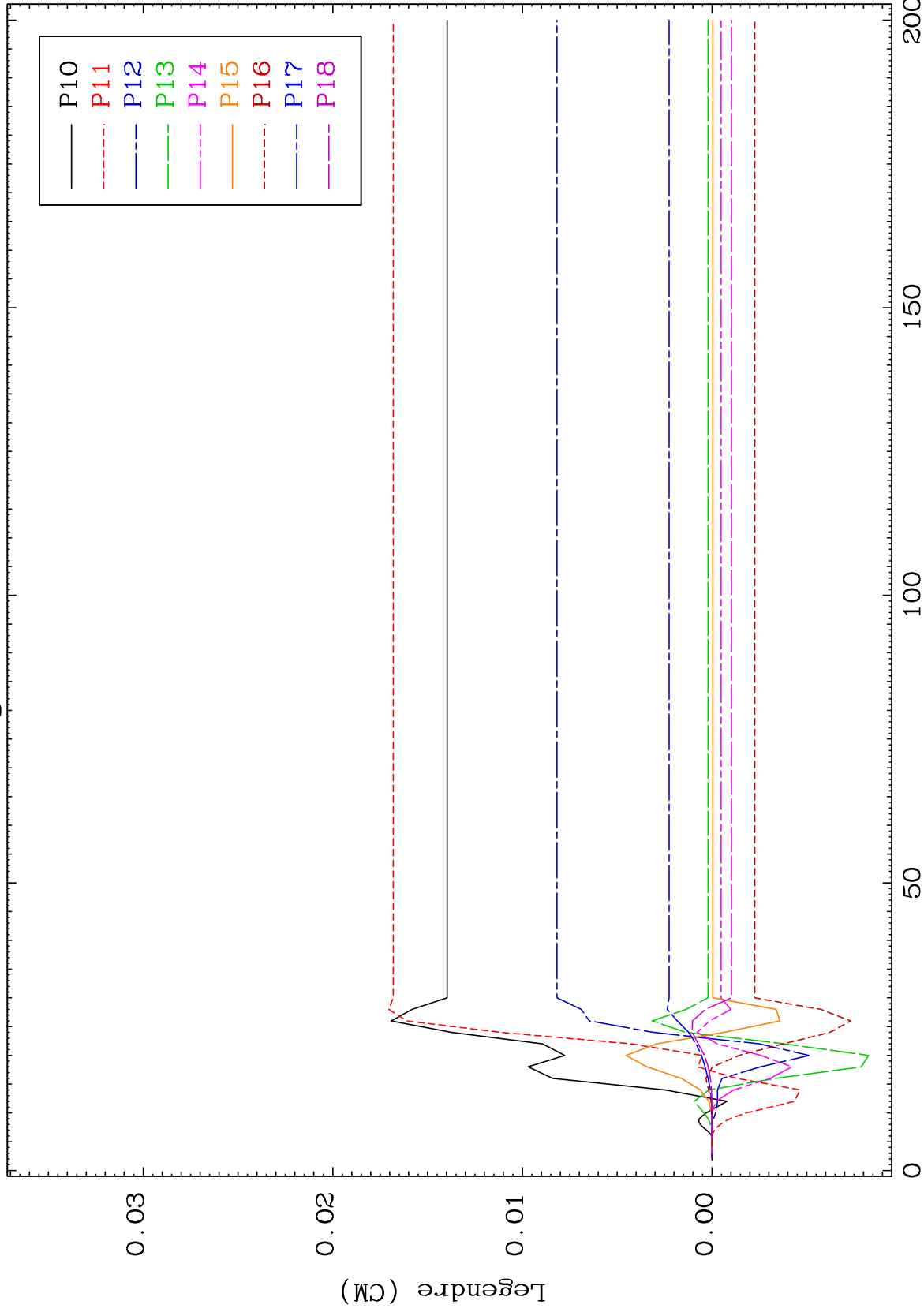
Incident Energy (MeV)

104

MAT 5743

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

57-La-144



57-La-144

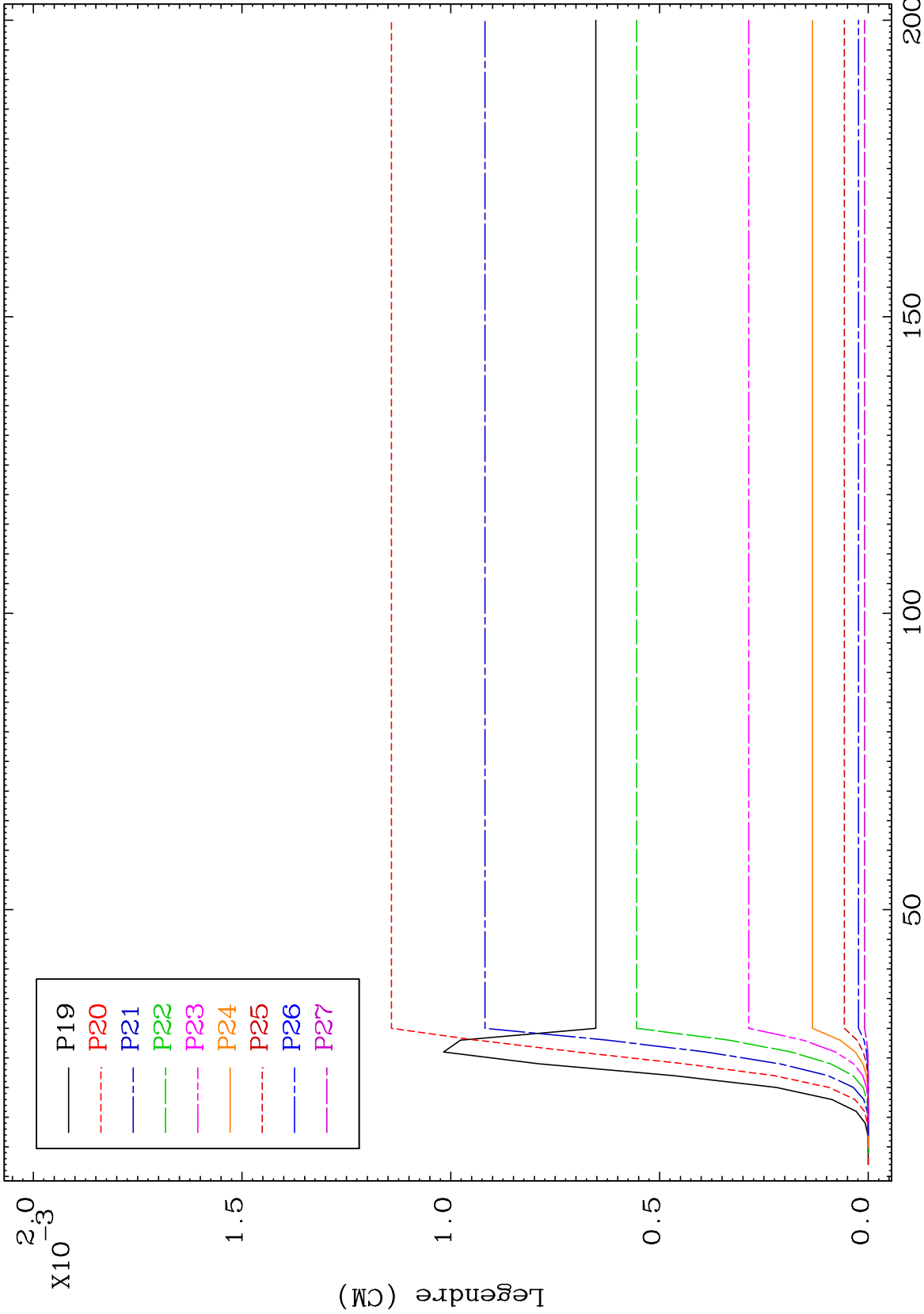
Incident Energy (MeV)

105

MAT 5743

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

57-La-144



106

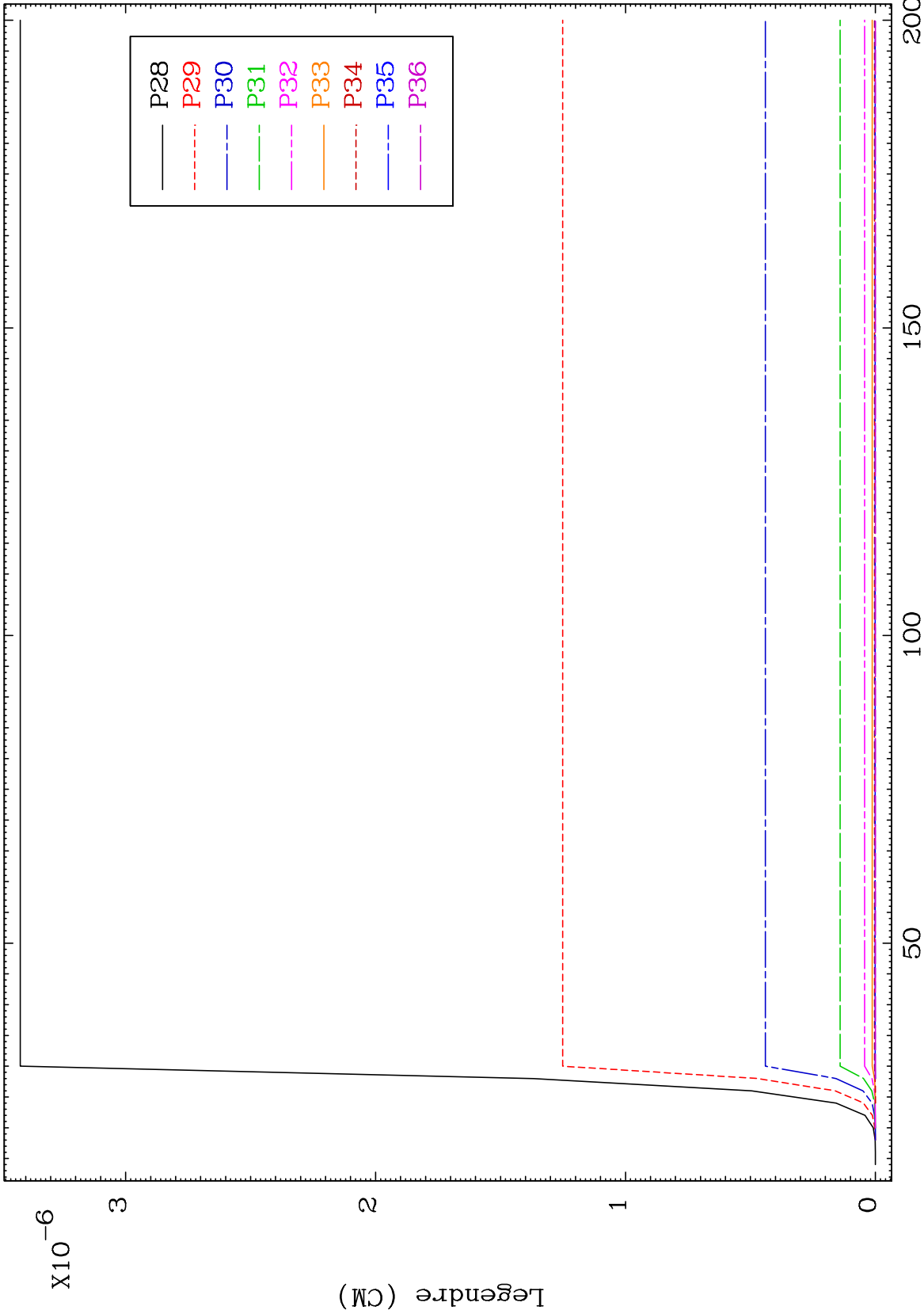
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



107

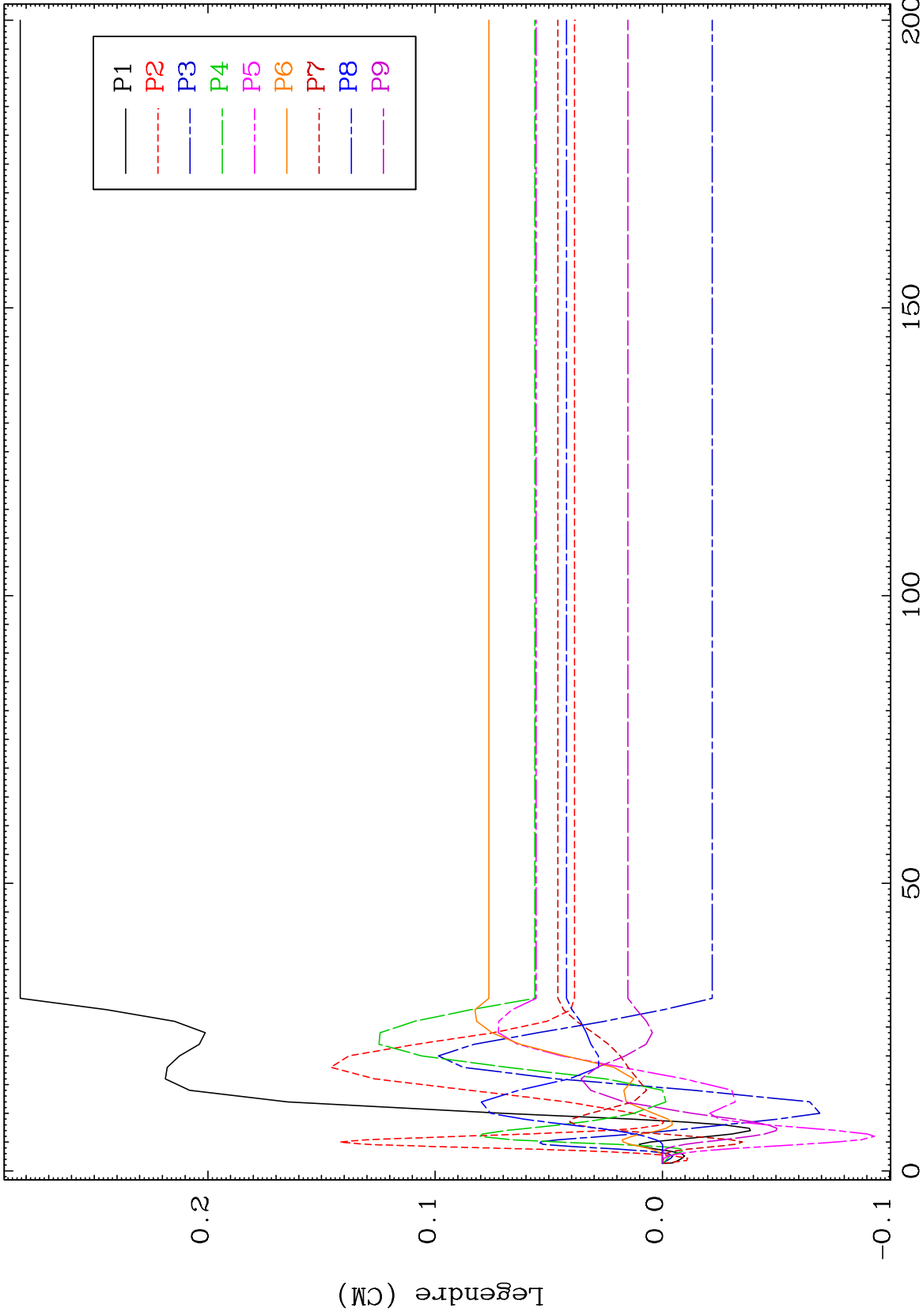
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



57-La-144

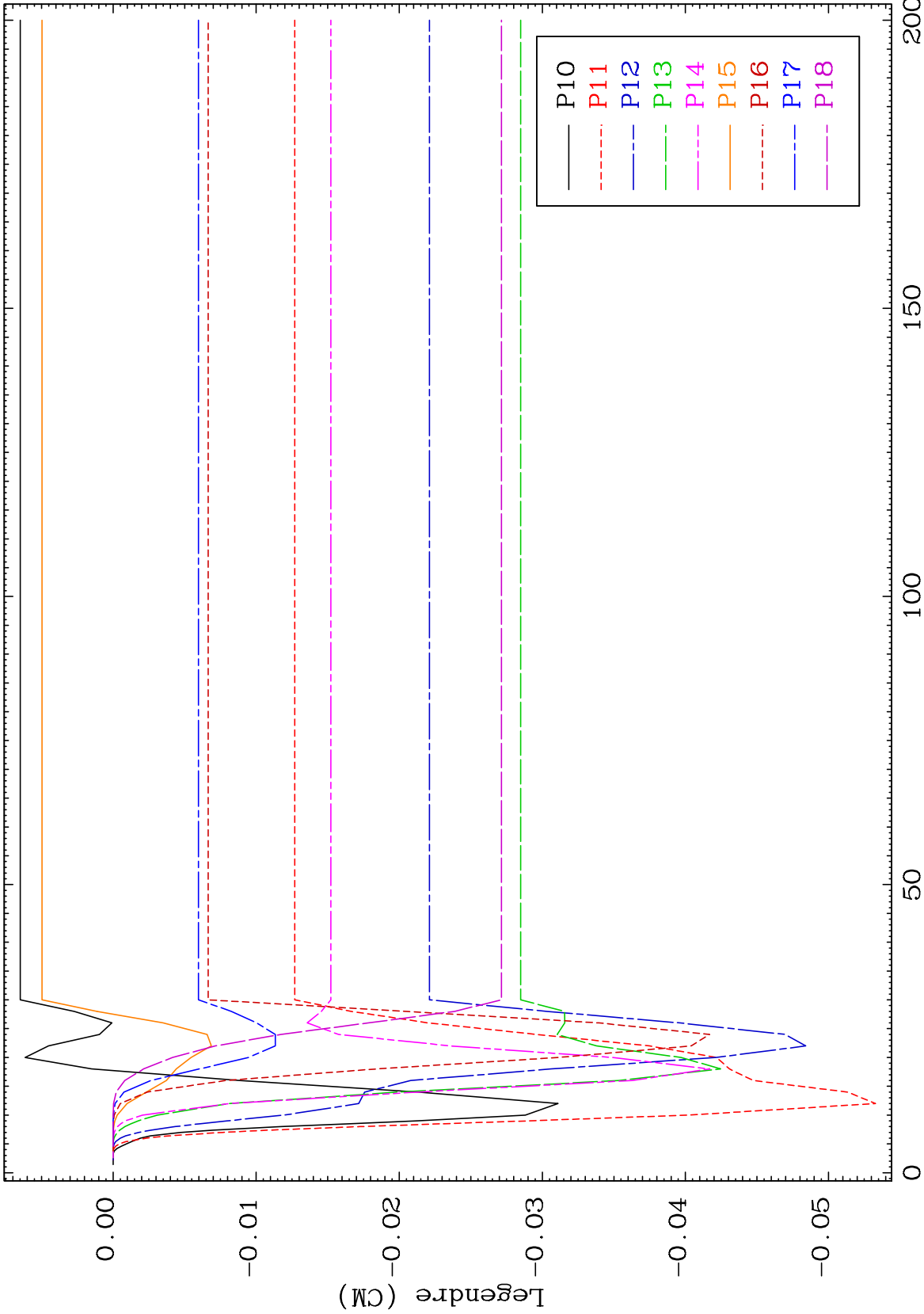
Incident Energy (MeV)

108

MAT 5743

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

57-La-144

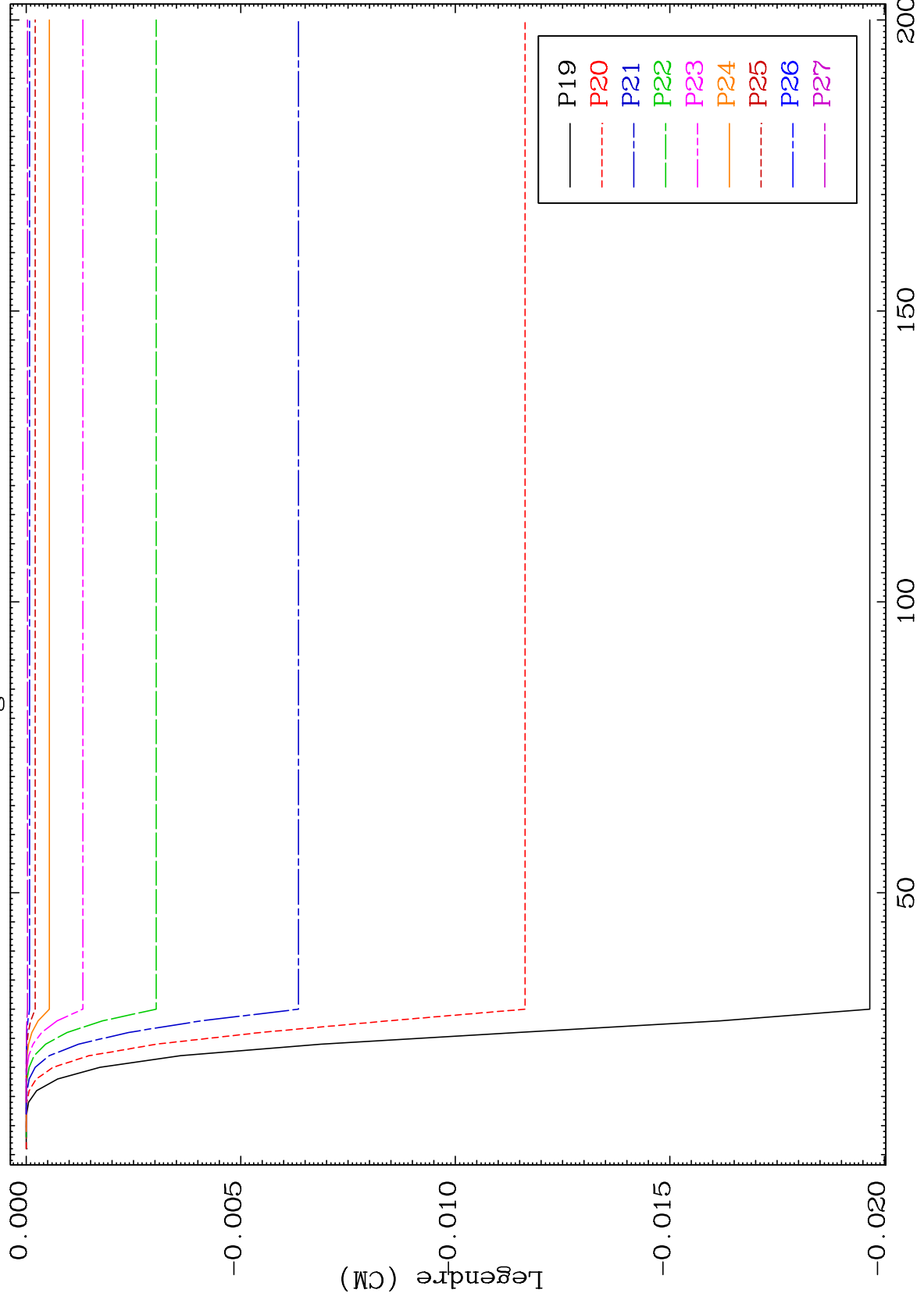


109

Incident Energy (MeV)

57-La-144

MAT 5743 MT= 77 (n,n') Level Legendre Coefficients 57-La-144

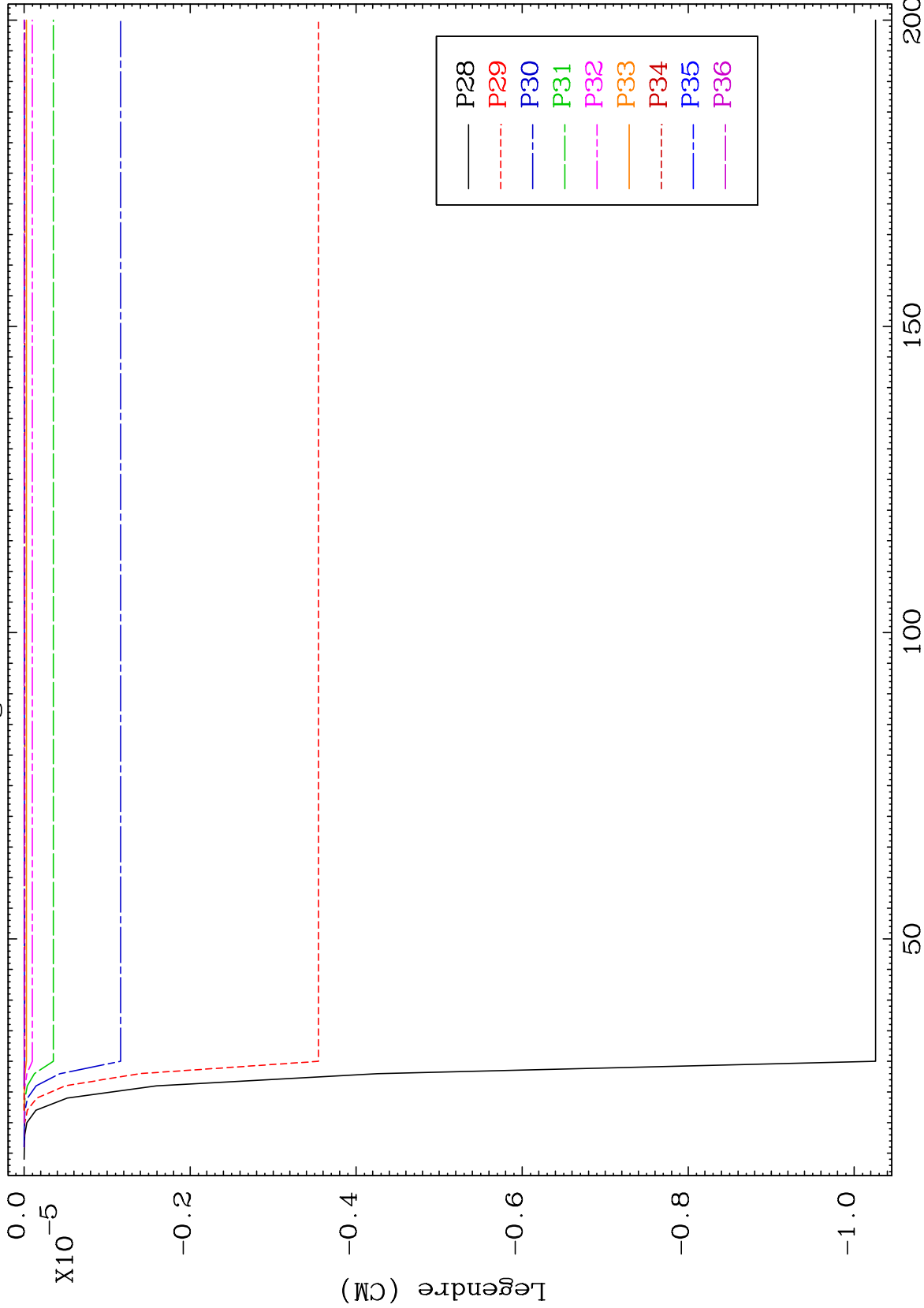


110 57-La-144

MAT 5743

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

57-La-144



111

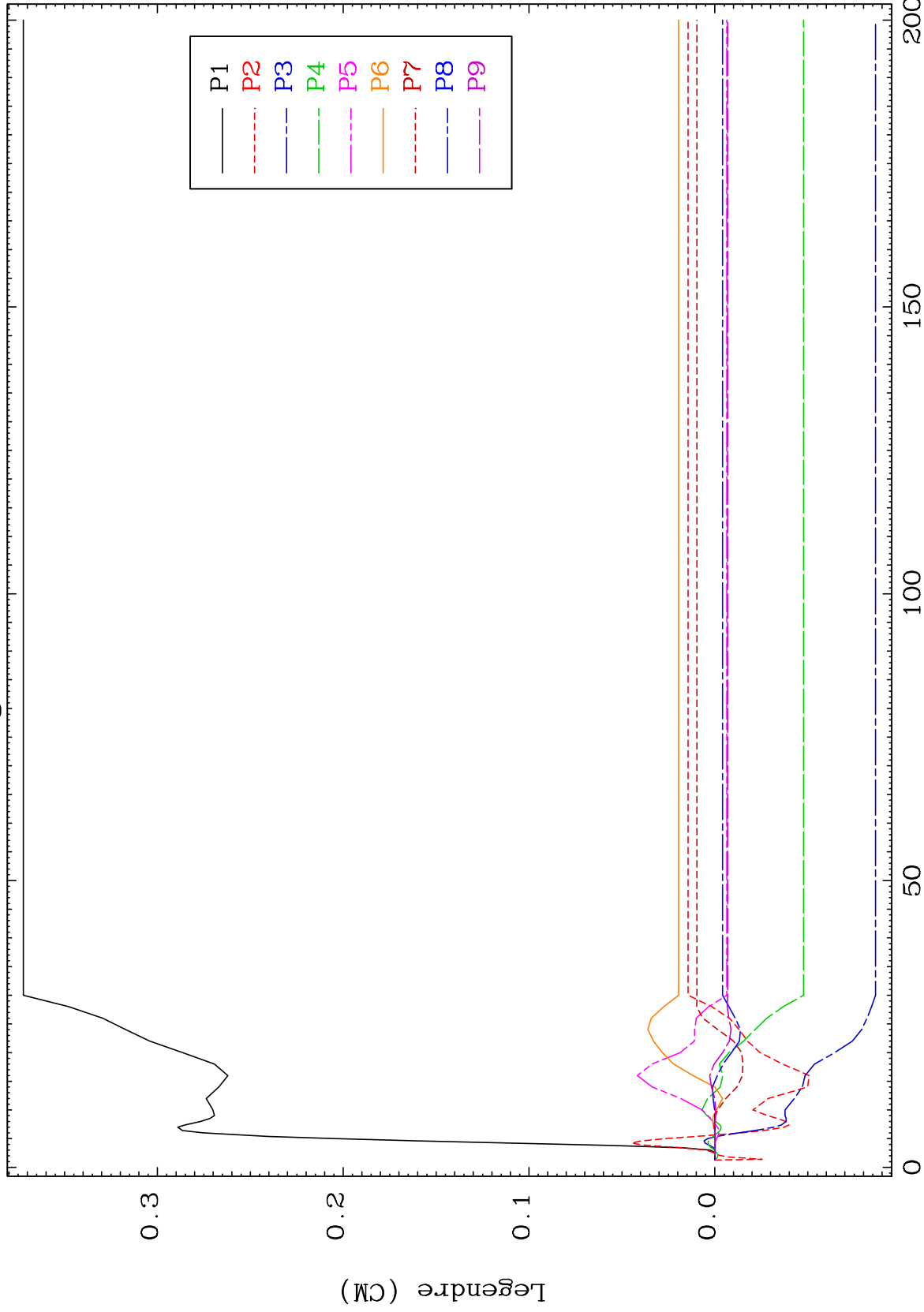
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



57-La-144

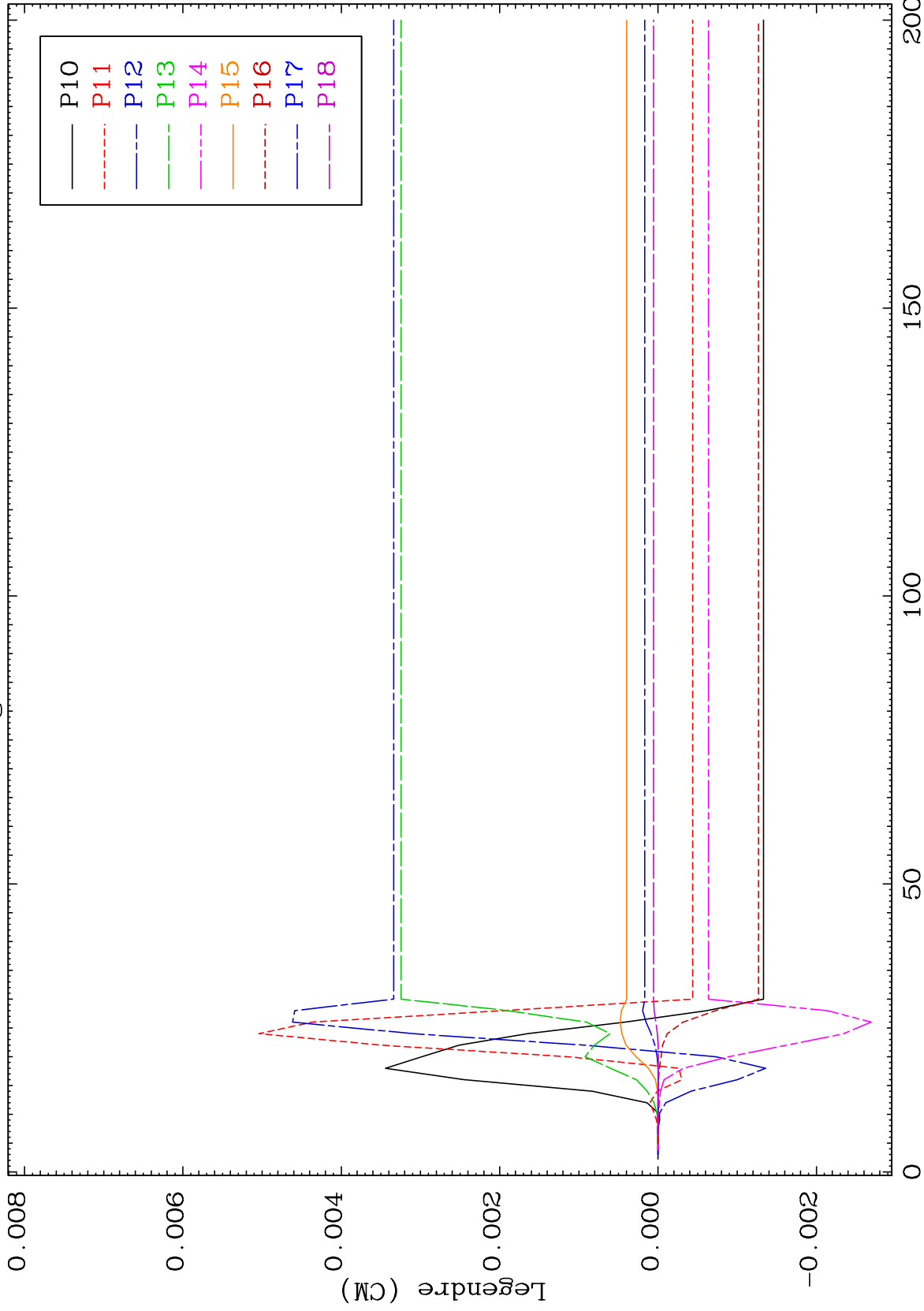
Incident Energy (MeV)

112

MAT 5743

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

57-La-144



113

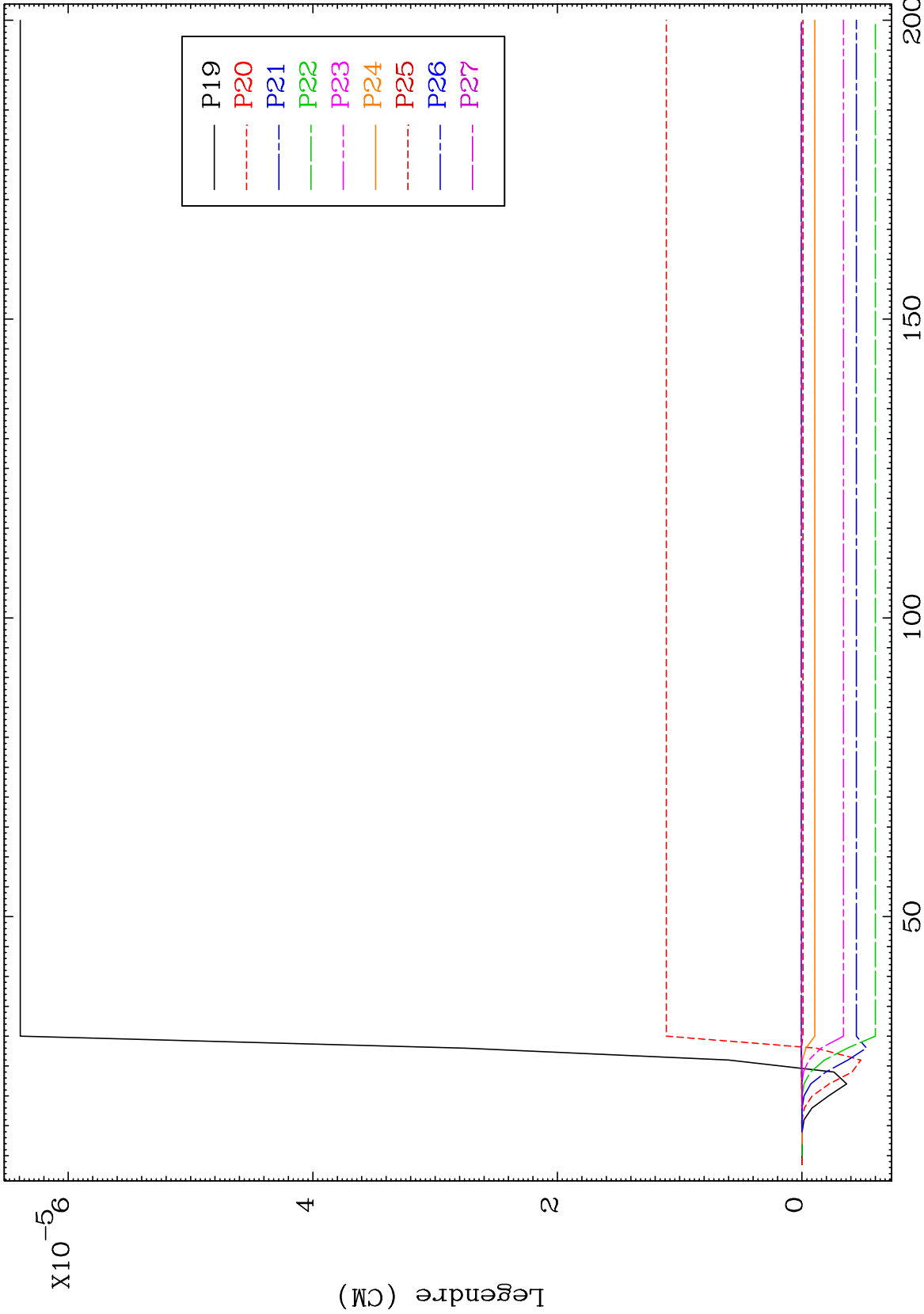
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



114

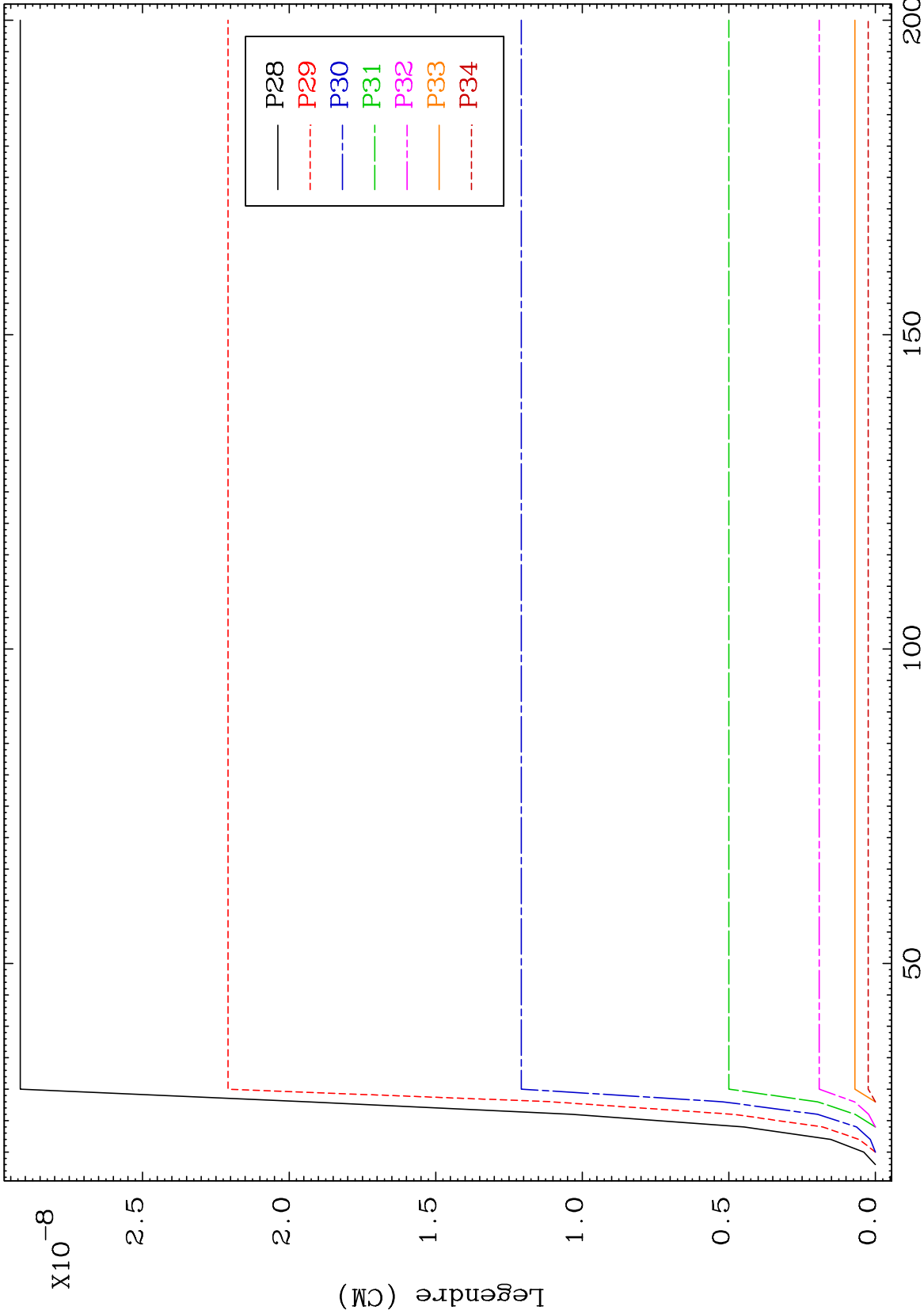
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



57-La-144

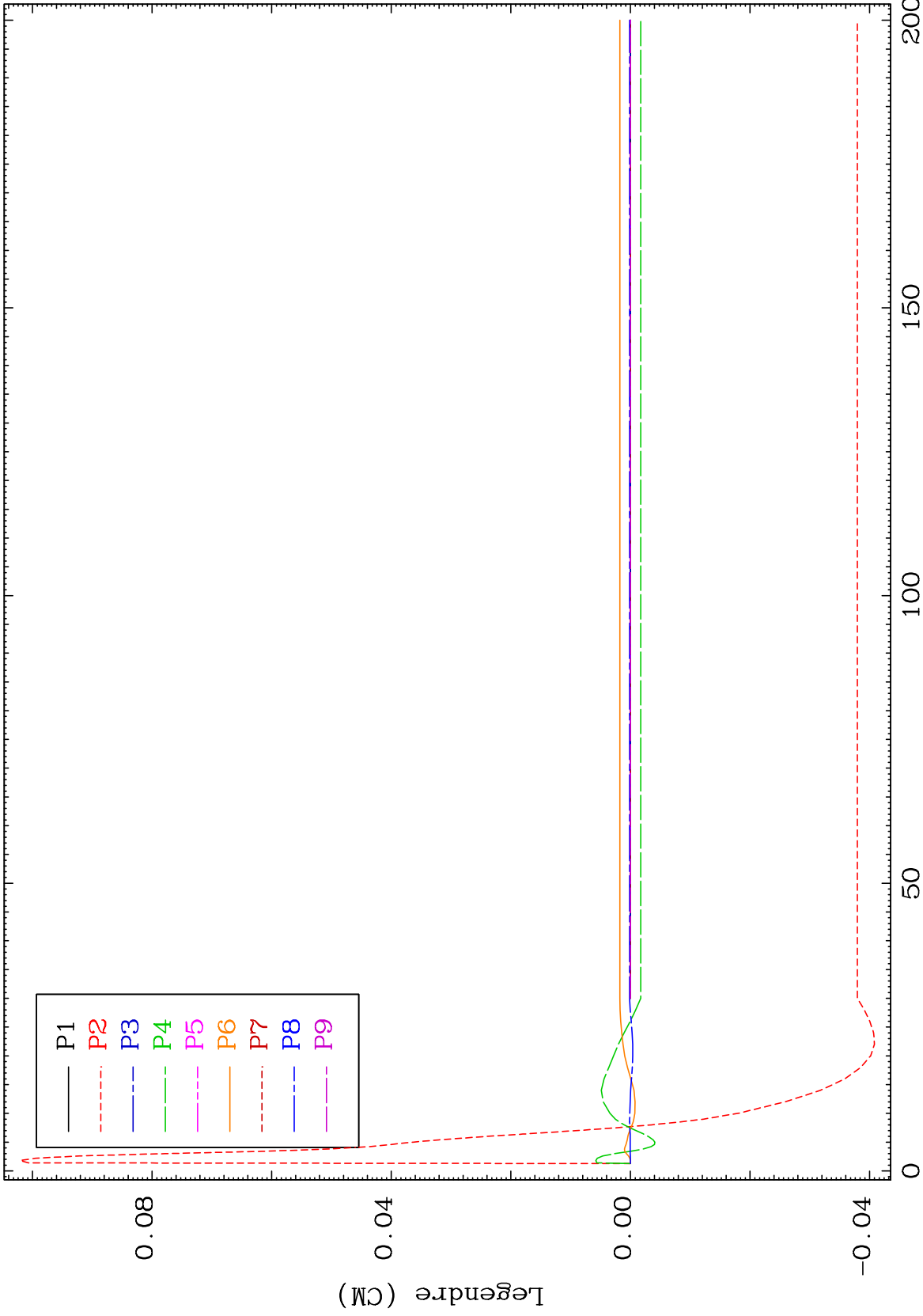
Incident Energy (MeV)

115

MAT 5743

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

57-La-144



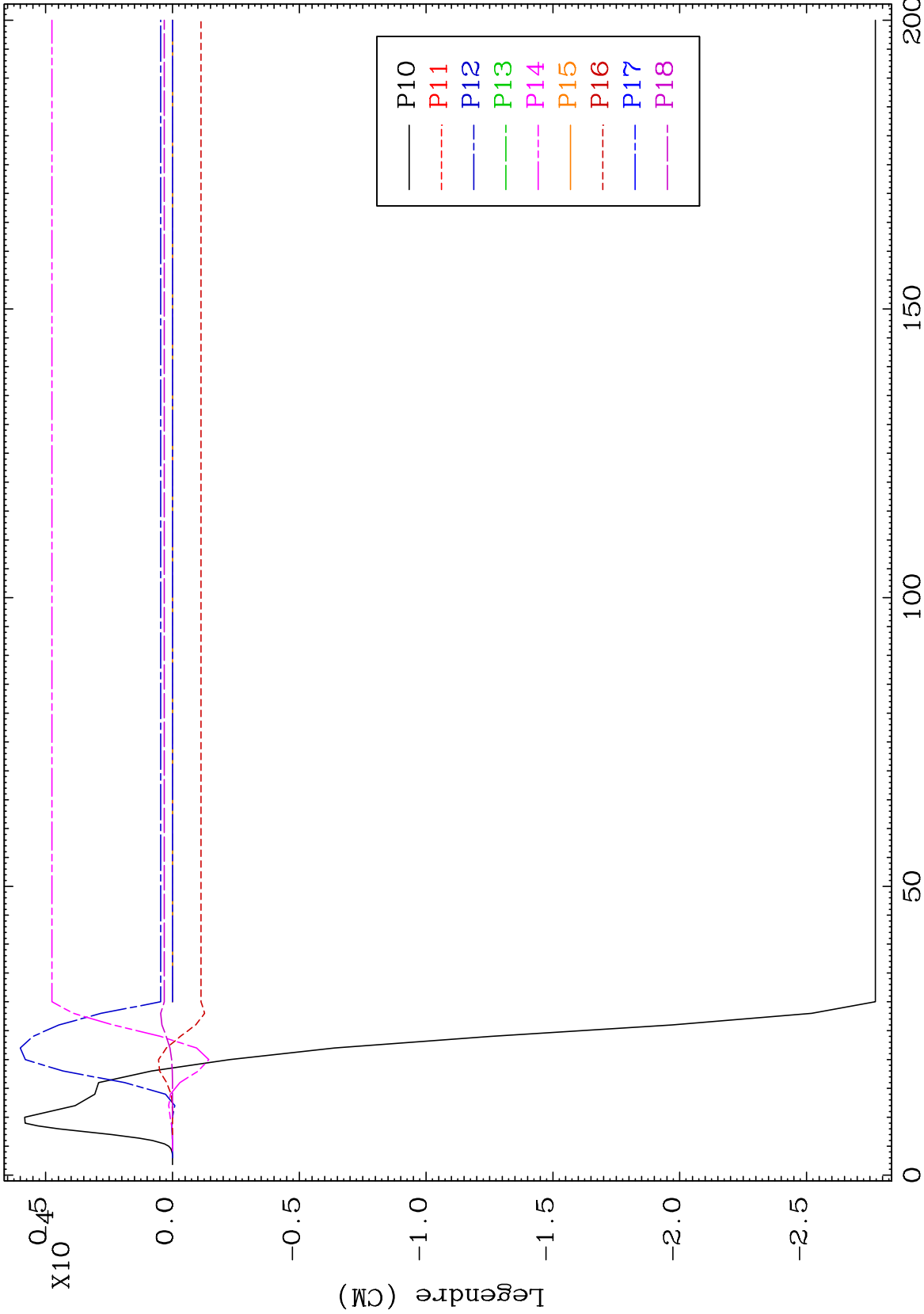
116

57-La-144

MAT 5743

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

57-La-144



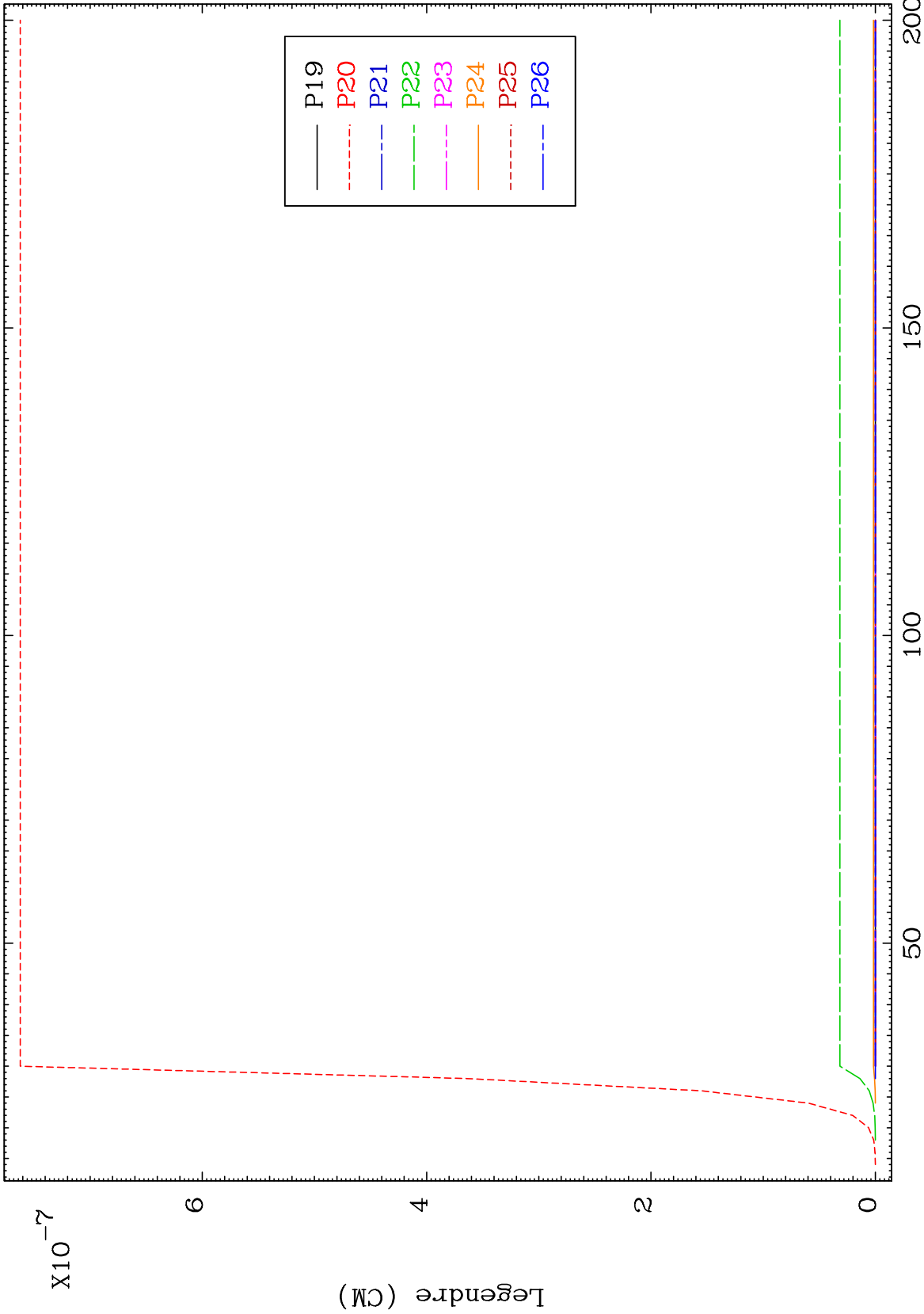
117

57-La-144

MAT 5743

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

57-La-144



118

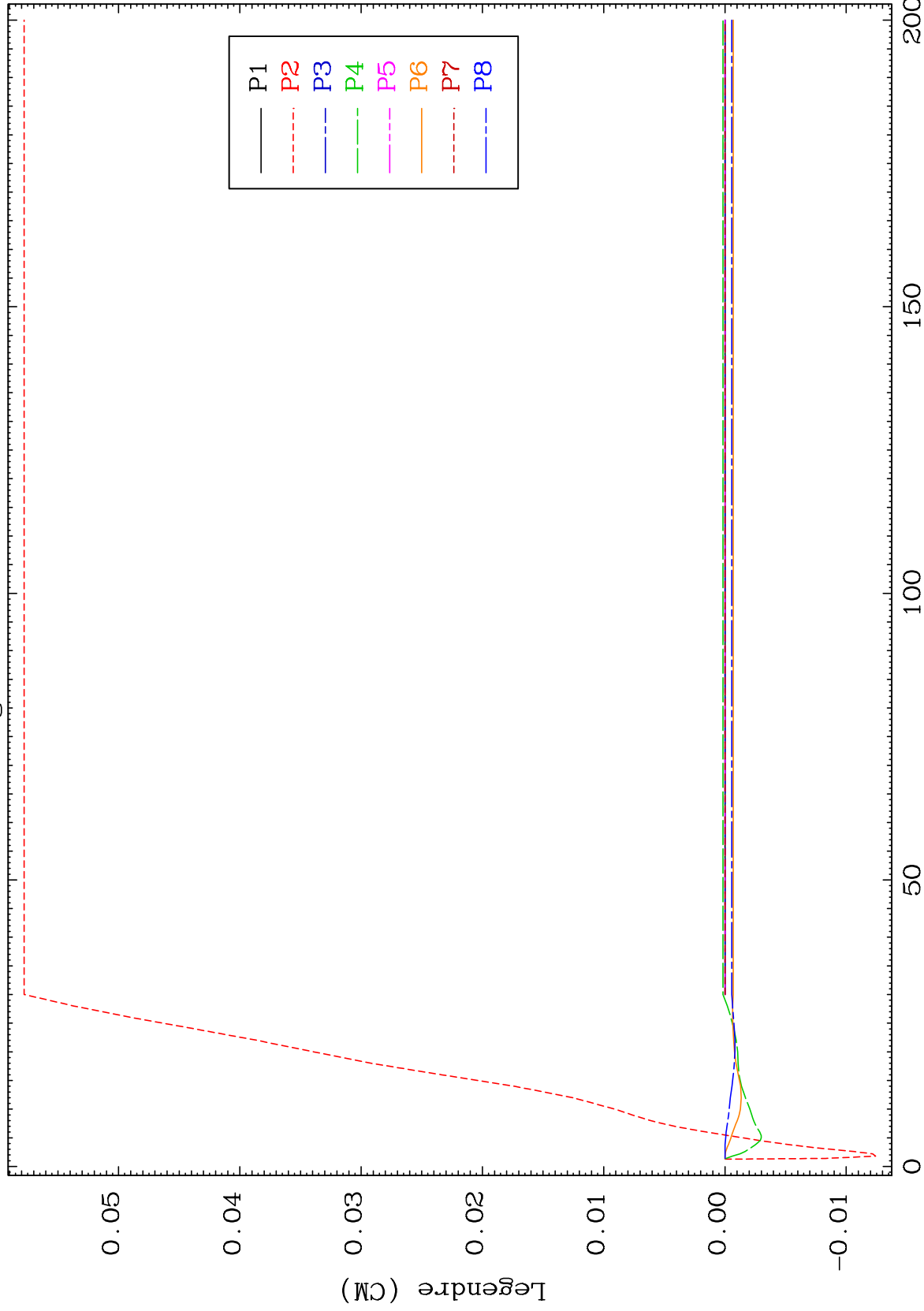
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



57-La-144

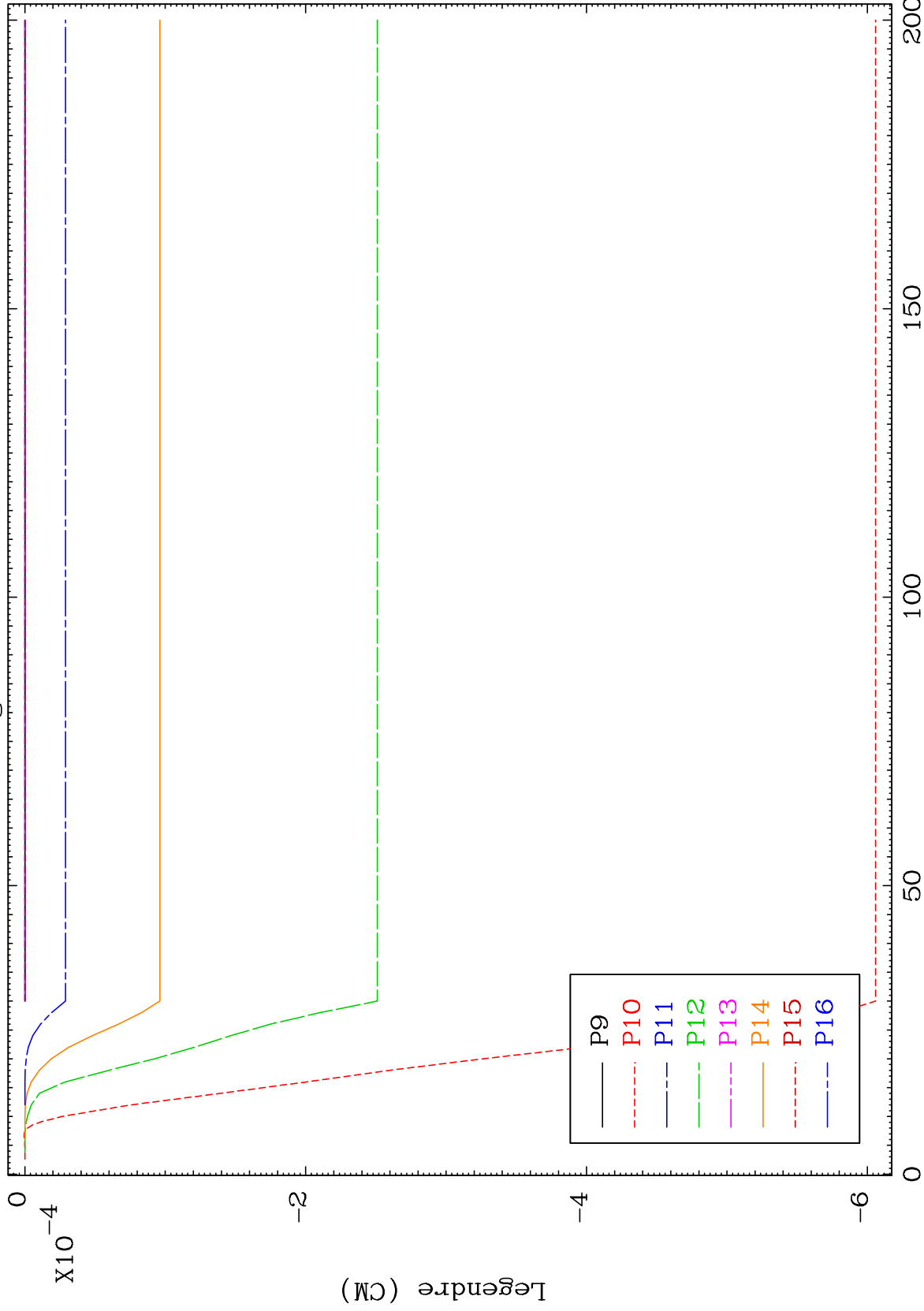
Incident Energy (MeV)

119

MAT 5743

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

57-La-144



120

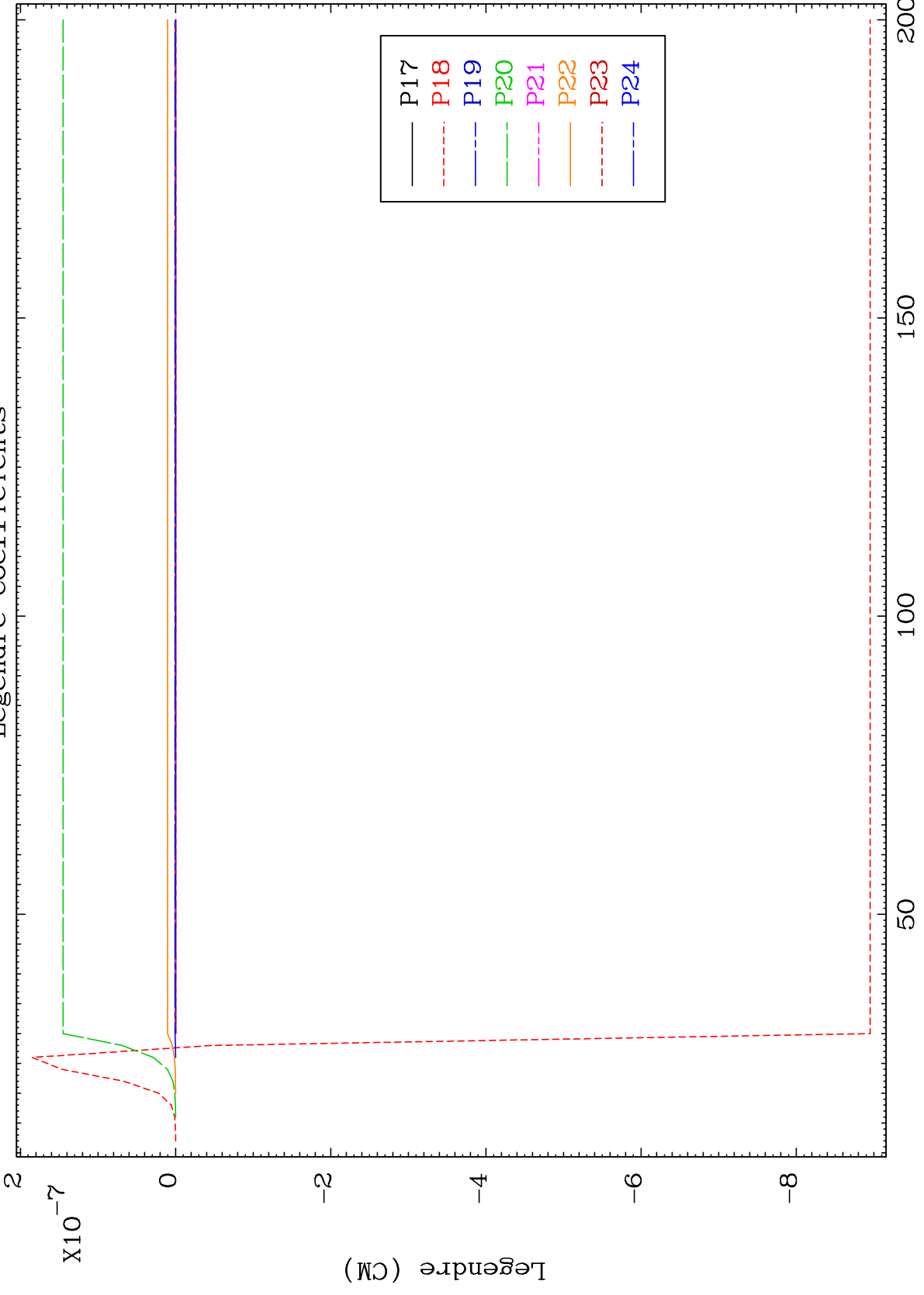
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



57-La-144

Incident Energy (MeV)

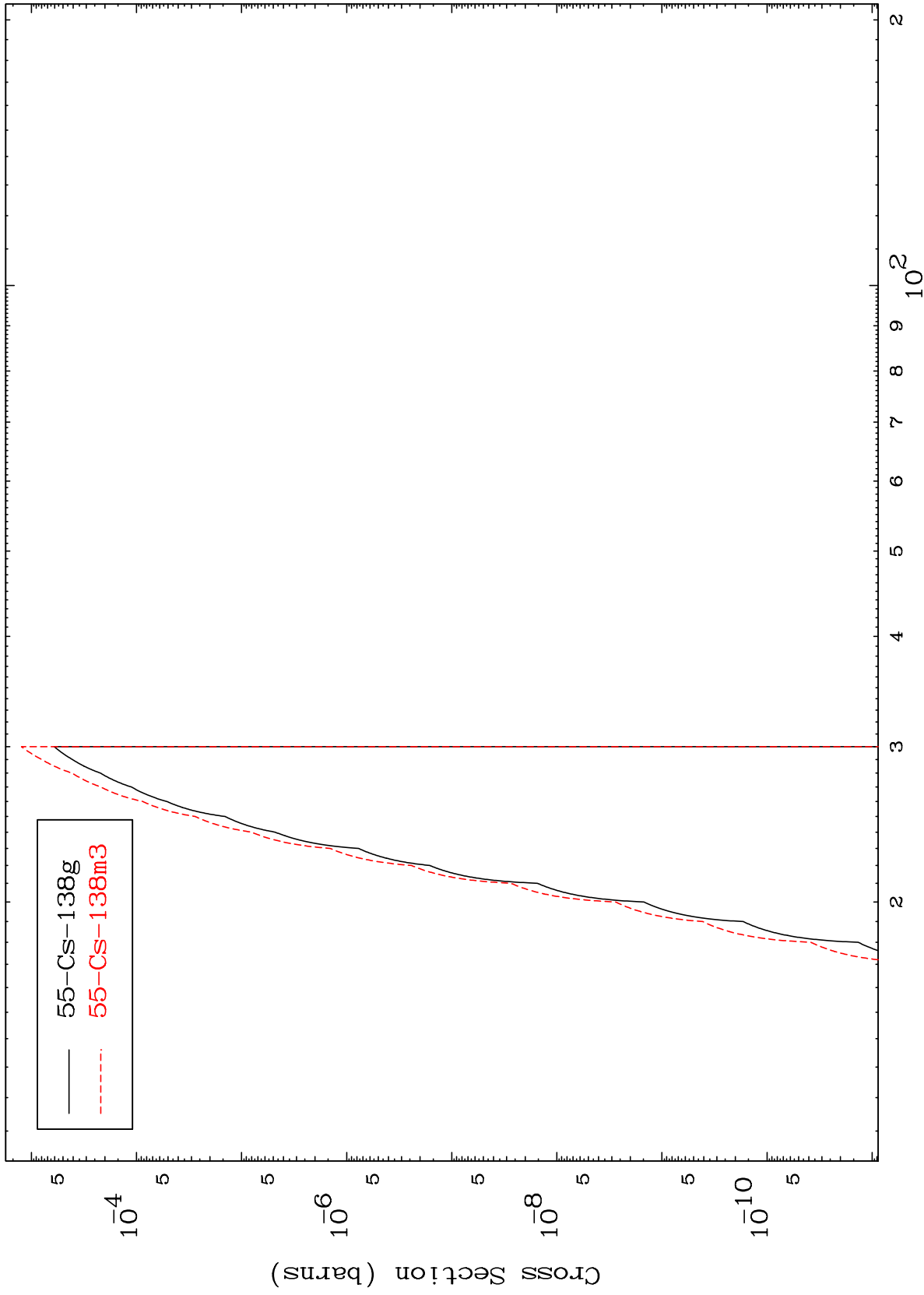
121

MAT 5743

(n,3n) α

57-La-144

Radionuclide Production Cross Section



122

Incident Energy (MeV)

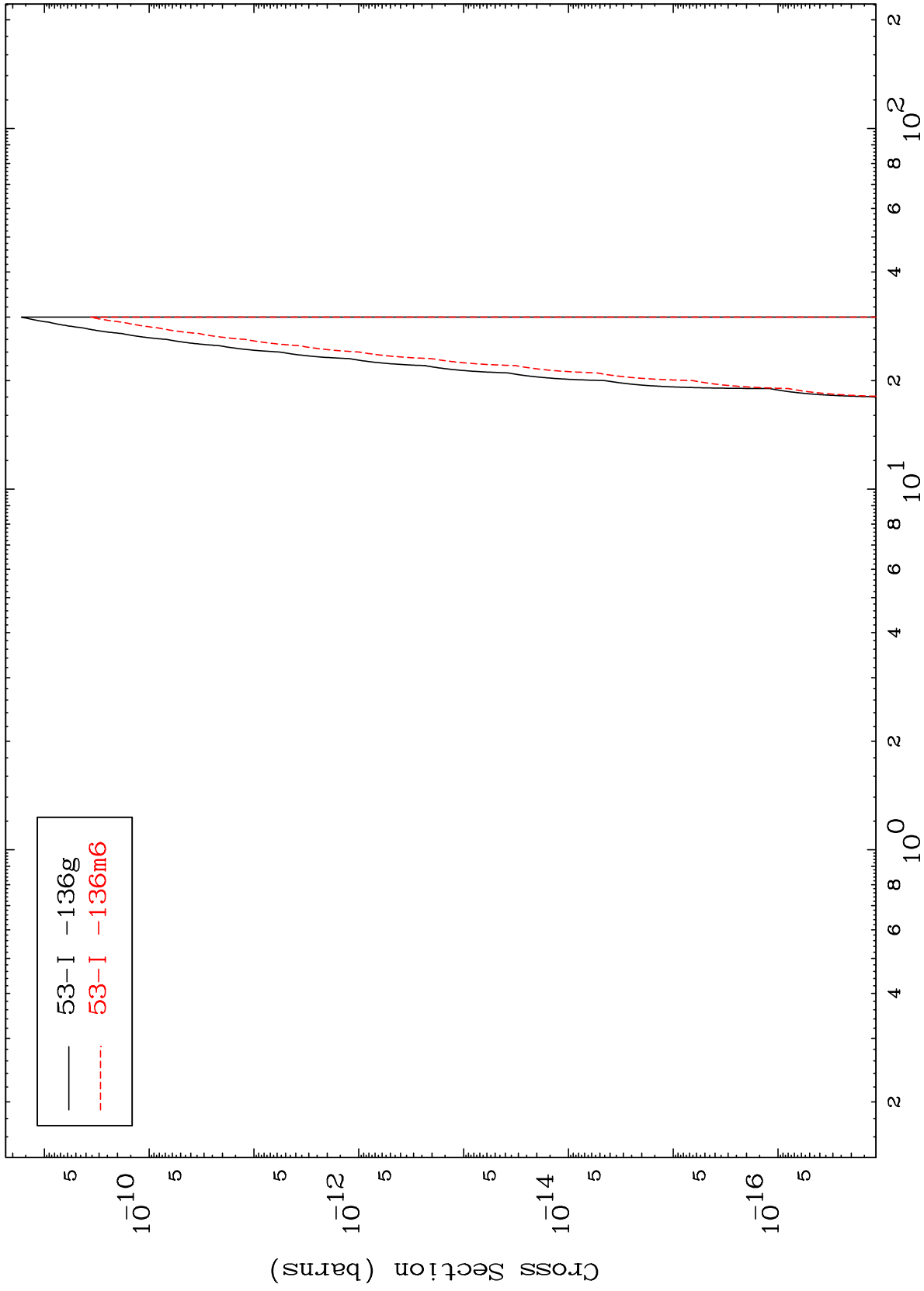
57-La-144

MAT 5743

(n,n') 2α

57-La-144

Radionuclide Production Cross Section



123

Incident Energy (MeV)

57-La-144