

Program EVALPLOT
(Version 2018-1)

by

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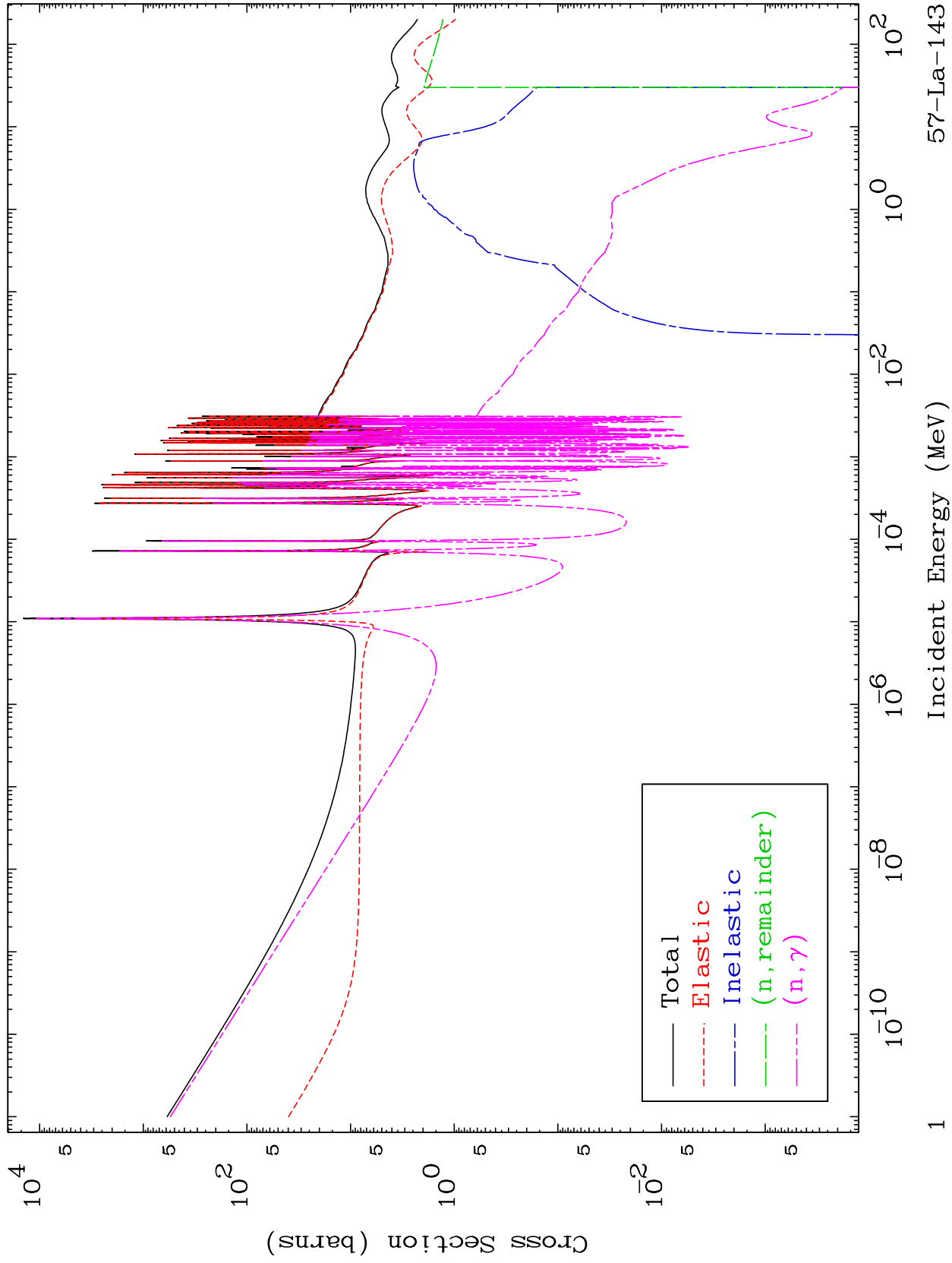
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5740

Major
293 Kelvin Cross Sections

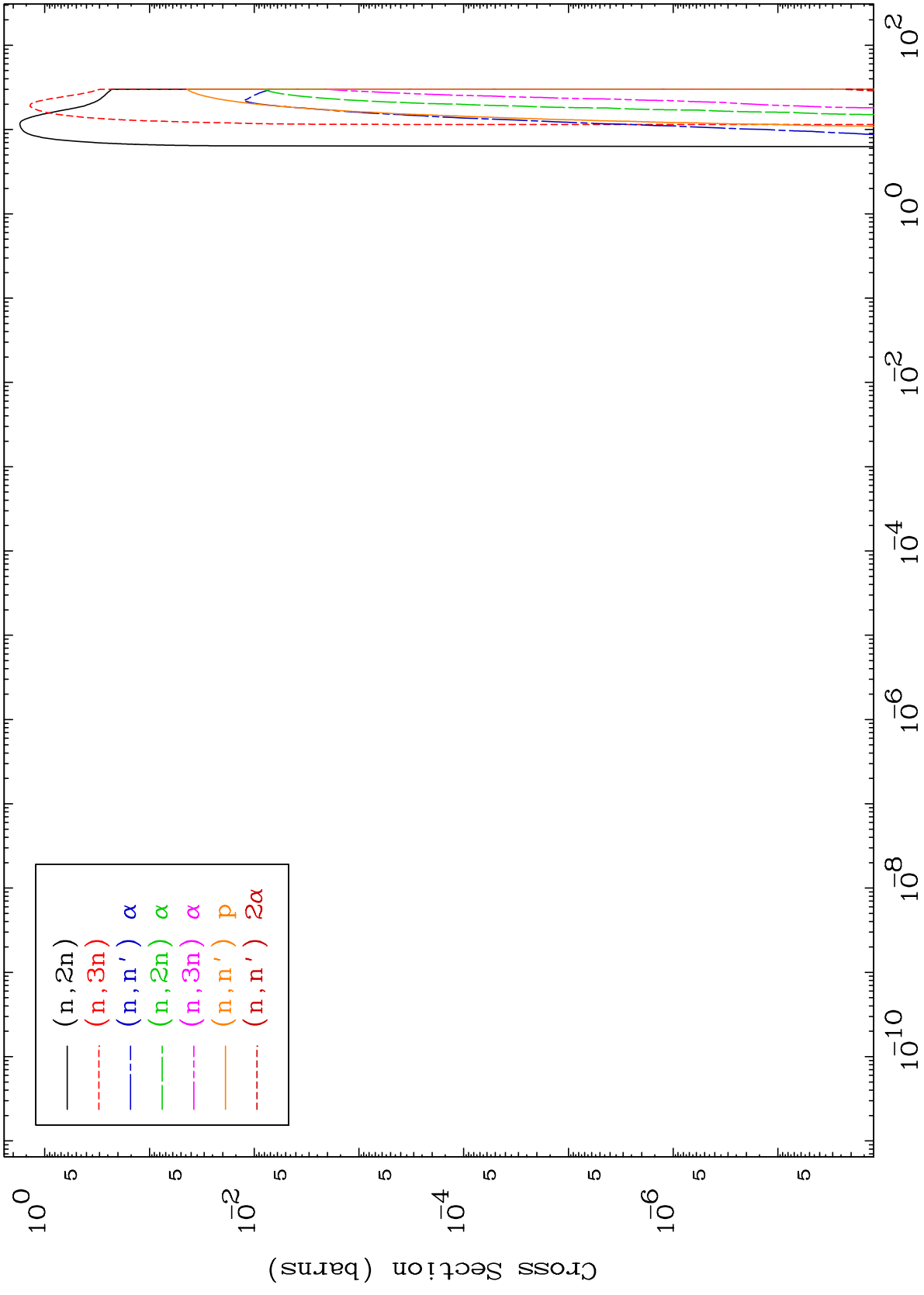
57-La-143



MAT 5740

Neutron Production
293 Kelvin Cross Sections

57-La-143

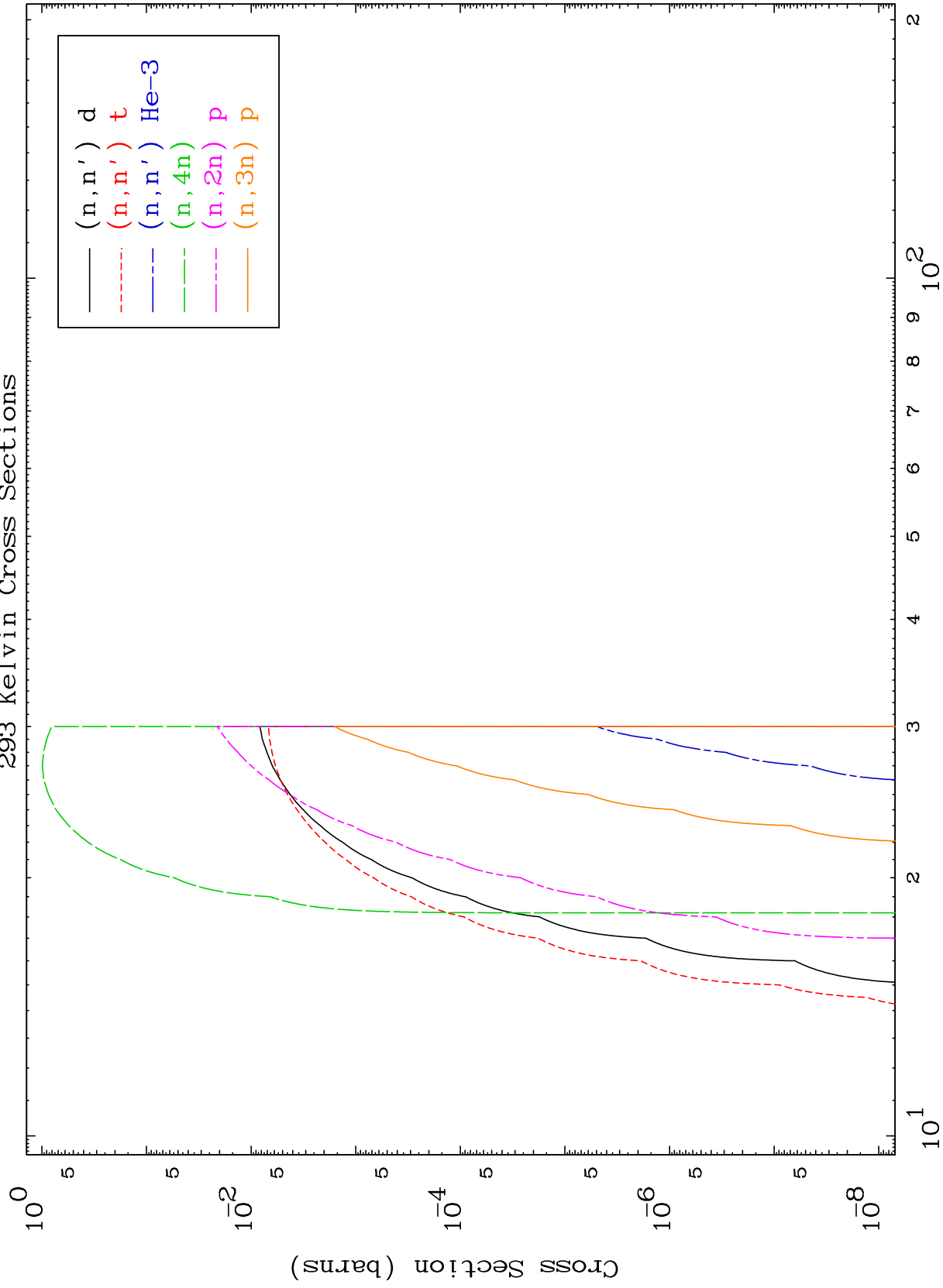


57-La-143

MAT 5740

Neutron Production
293 Kelvin Cross Sections

57-La-143



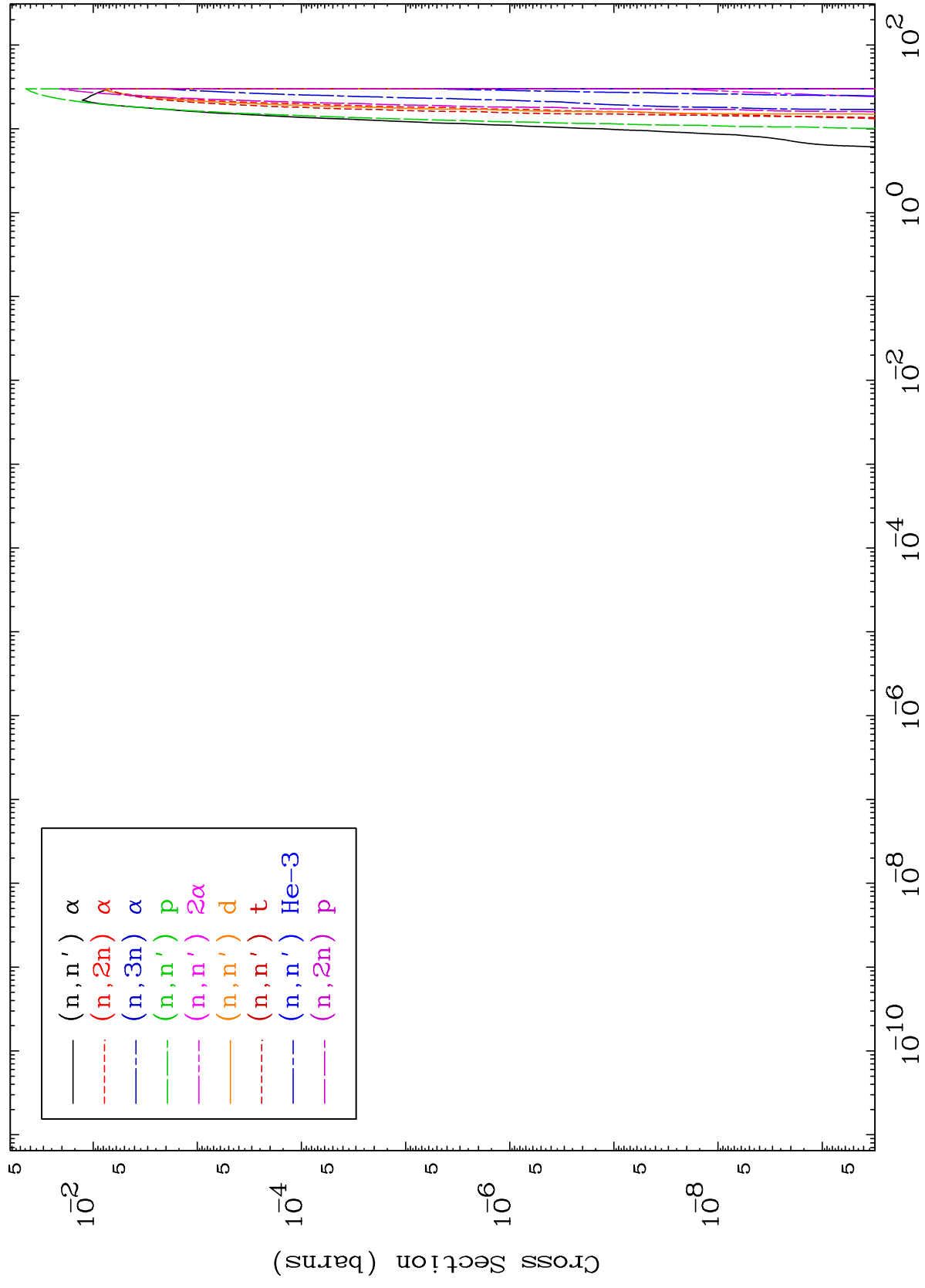
Incident Energy (MeV)

57-La-143

MAT 5740

Charged Particle
293 Kelvin Cross Sections

57-La-143

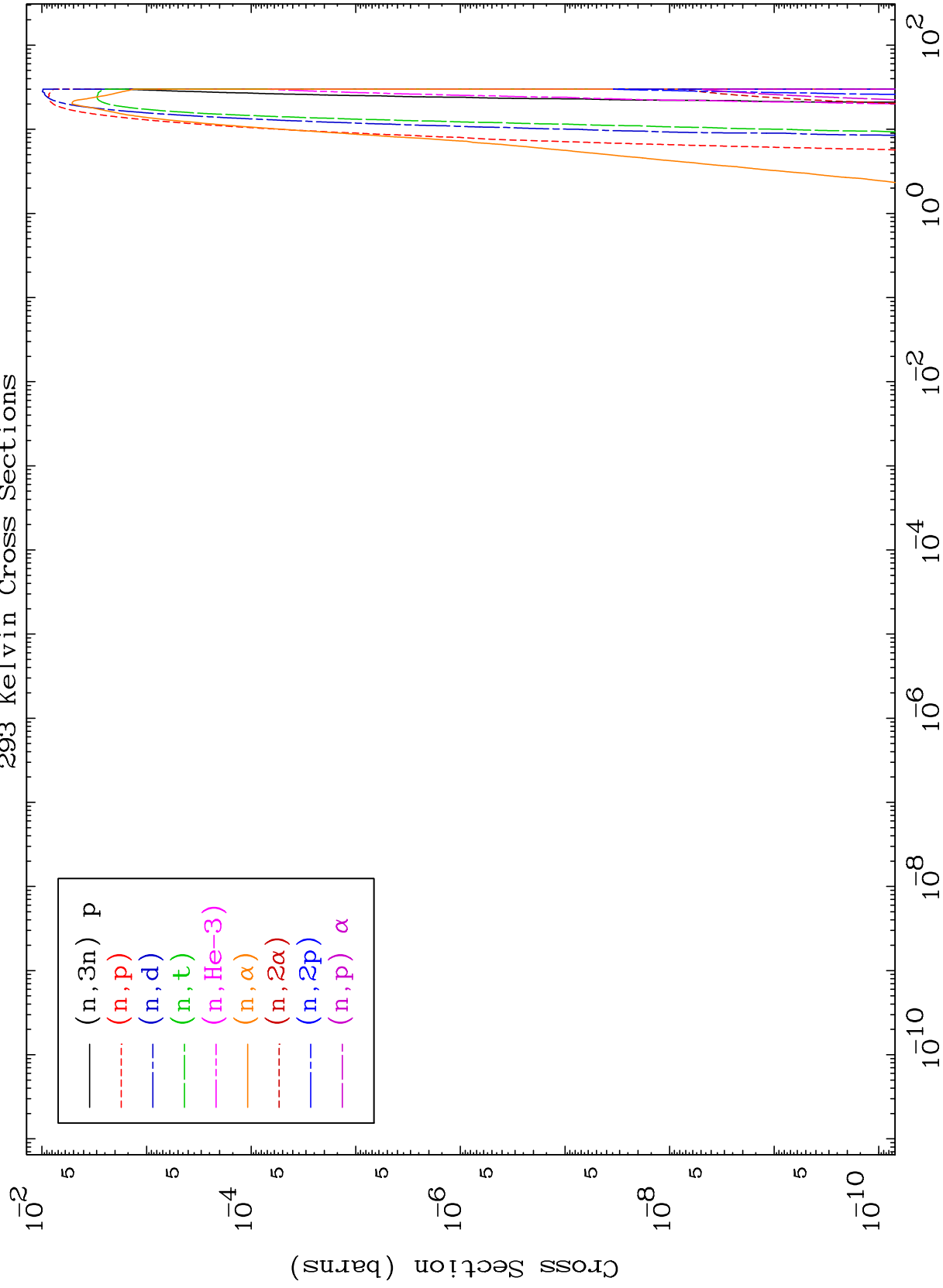


57-La-143

MAT 5740

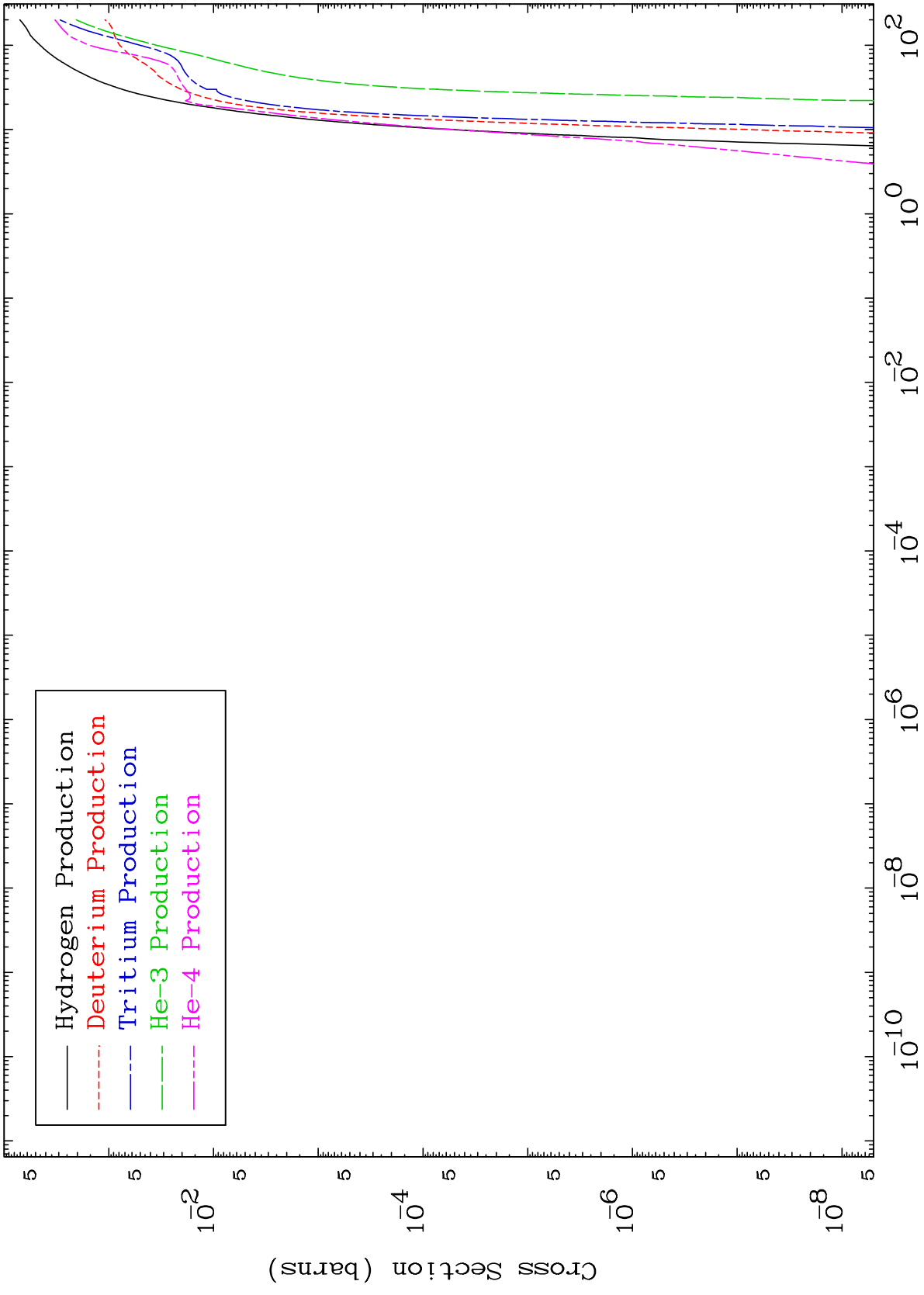
Charged Particle
293 Kelvin Cross Sections

57-La-143



5

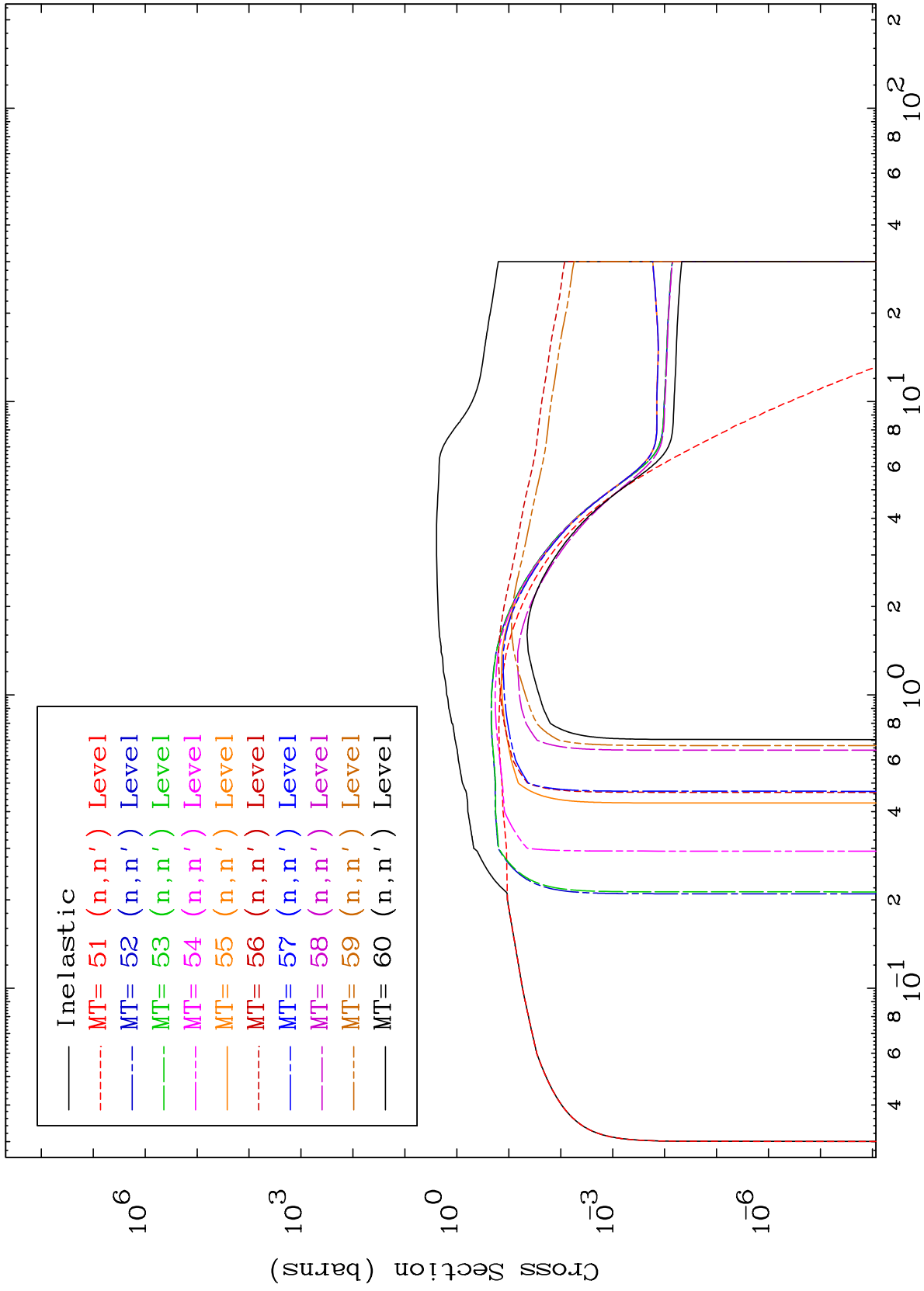
57-La-143



MAT 5740

293 Kelvin Cross Sections

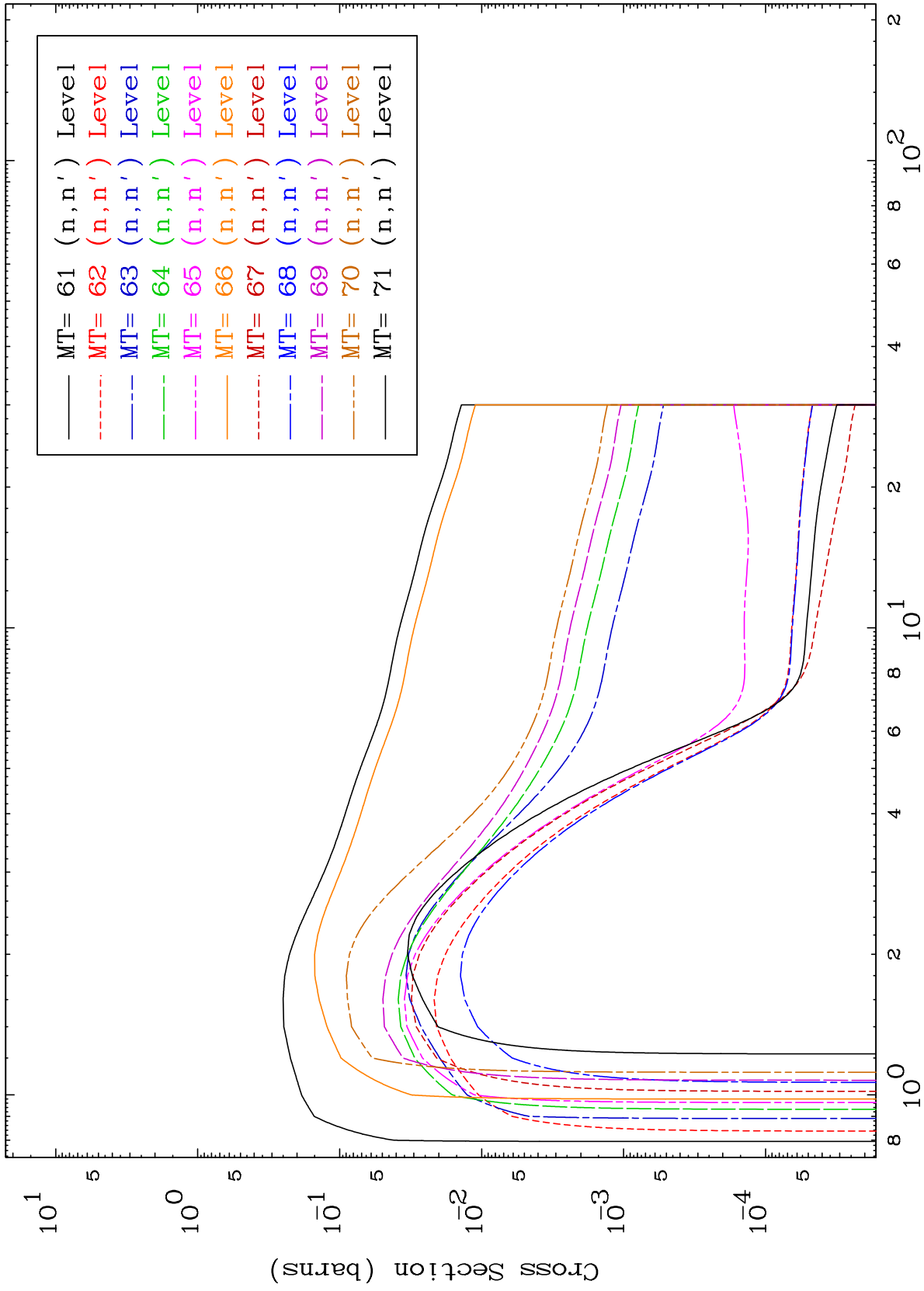
57-La-143



MAT 5740

(n,n') Level
293 Kelvin Cross Sections

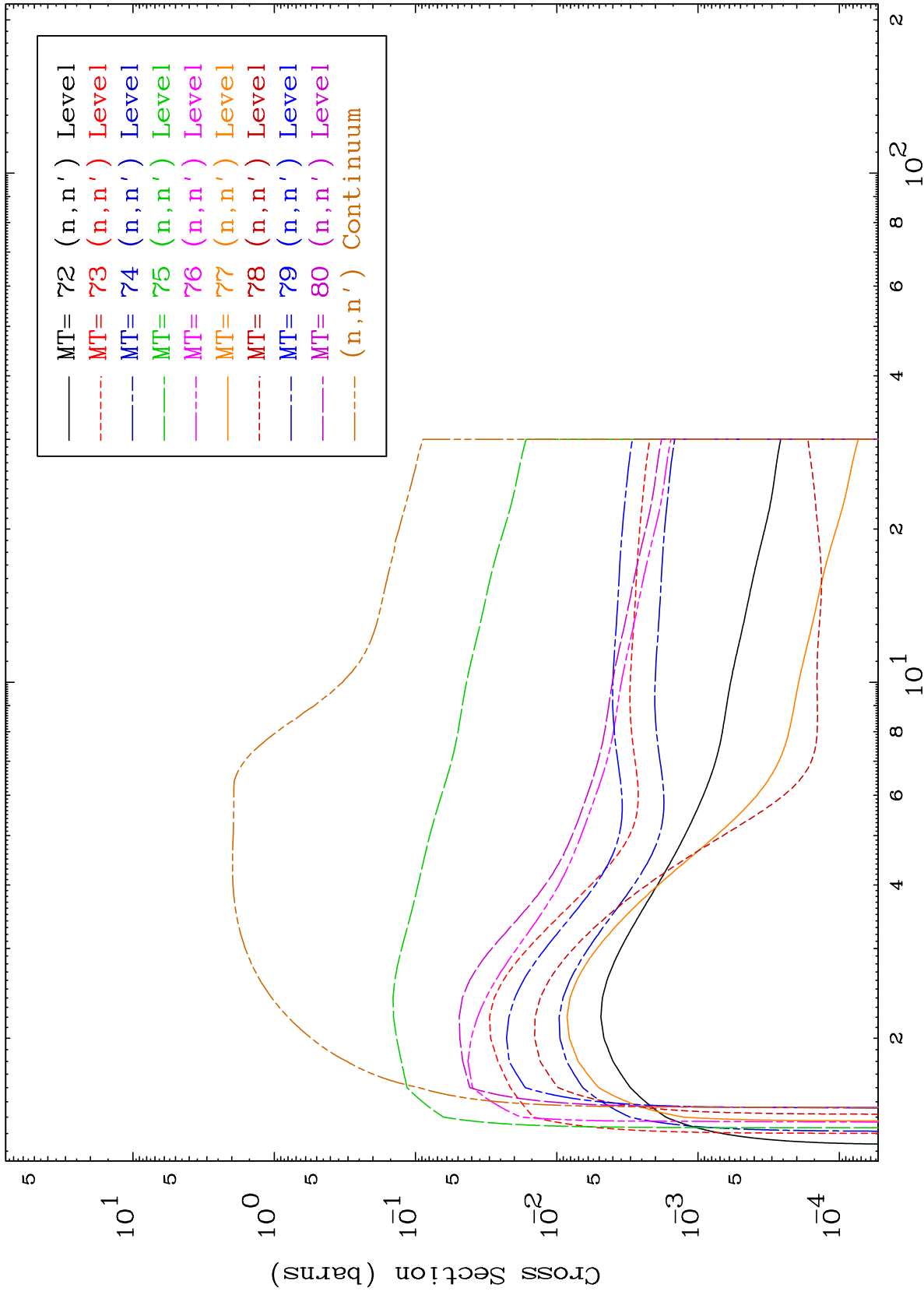
57-La-143



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Incident Energy (MeV)

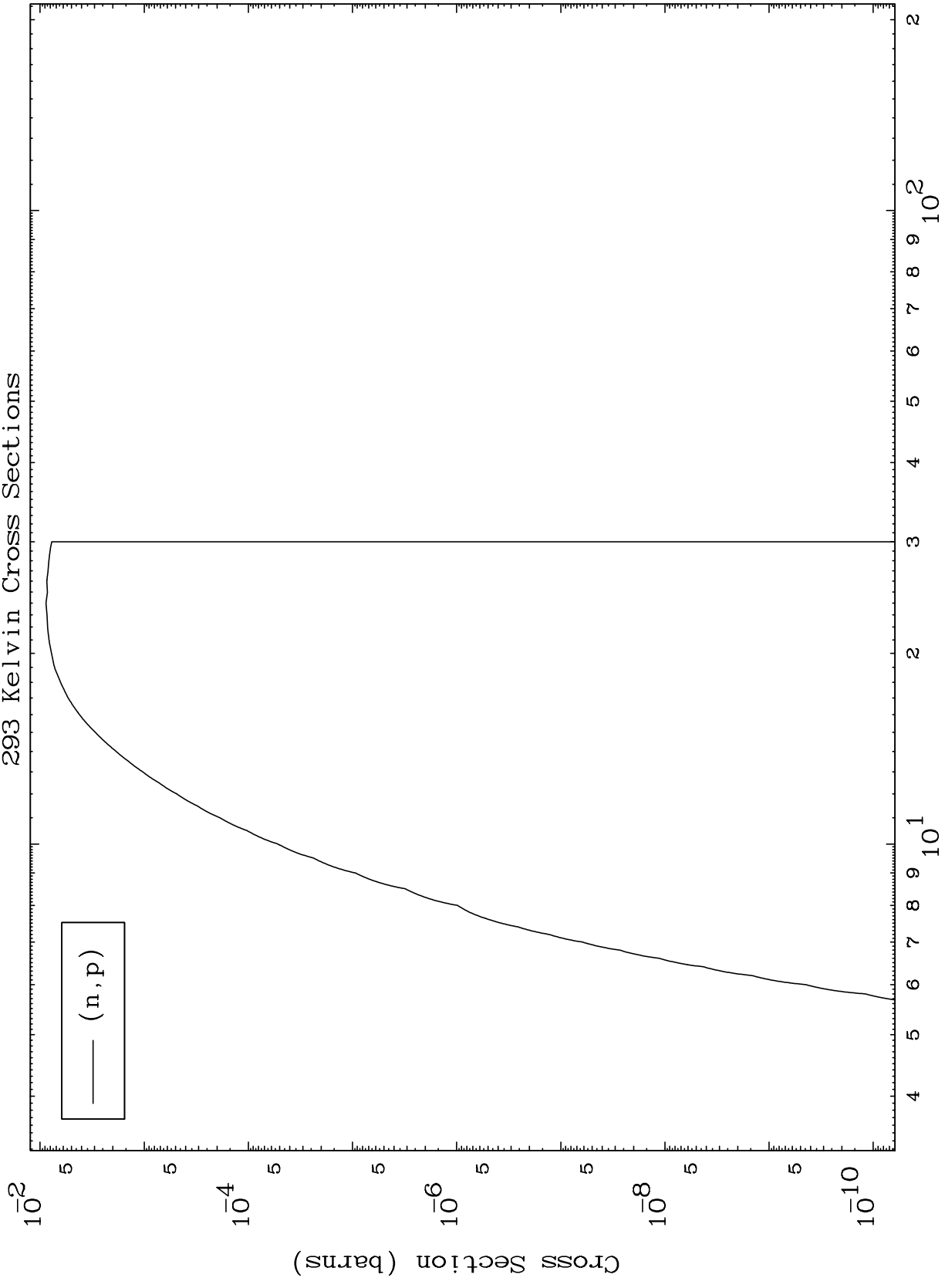
57-La-143



MAT 5740

(n,p) Levels
293 Kelvin Cross Sections

57-La-143



10

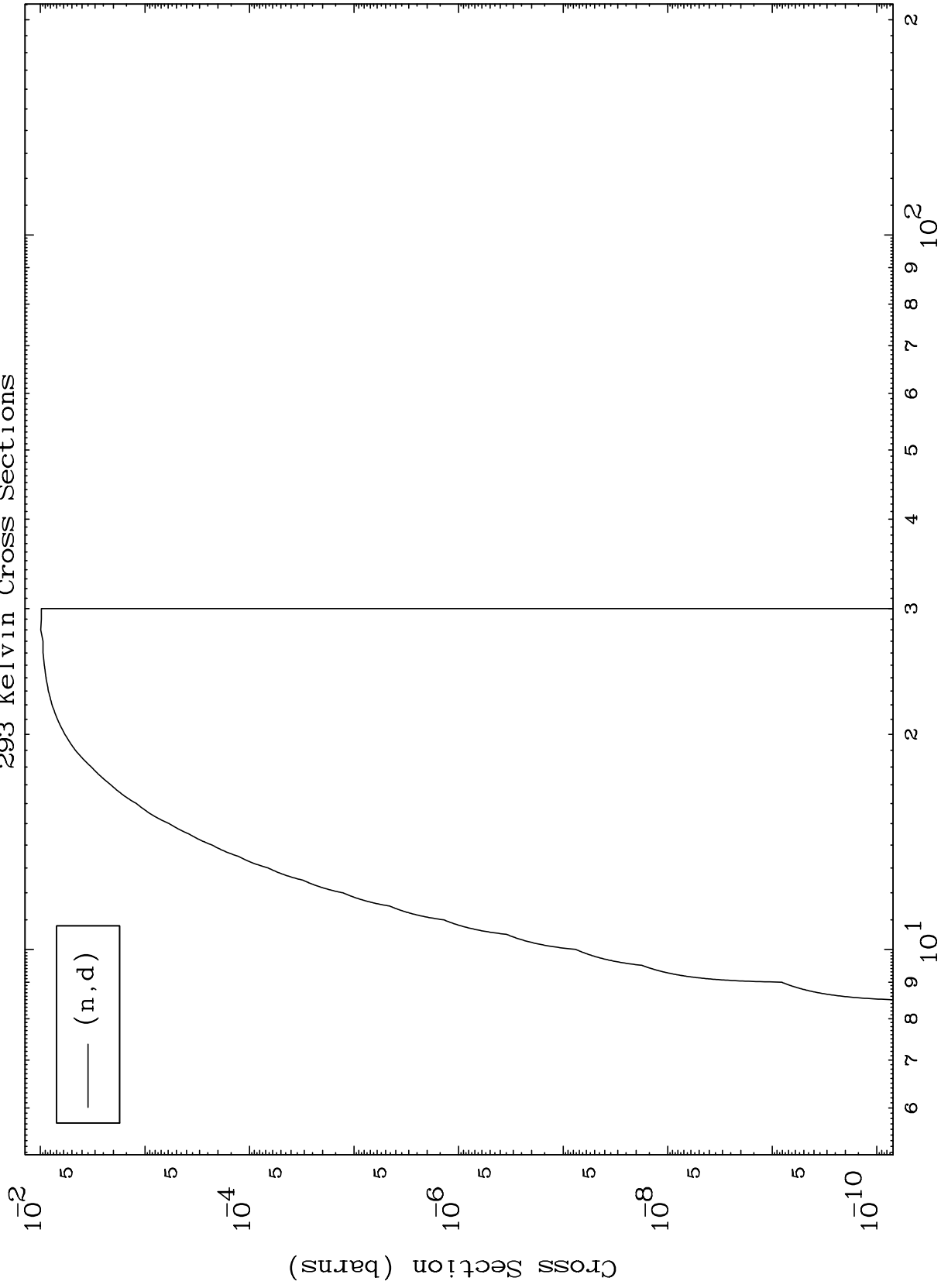
Incident Energy (MeV)

57-La-143

MAT 5740

(n,d) Levels
293 Kelvin Cross Sections

57-La-143



11

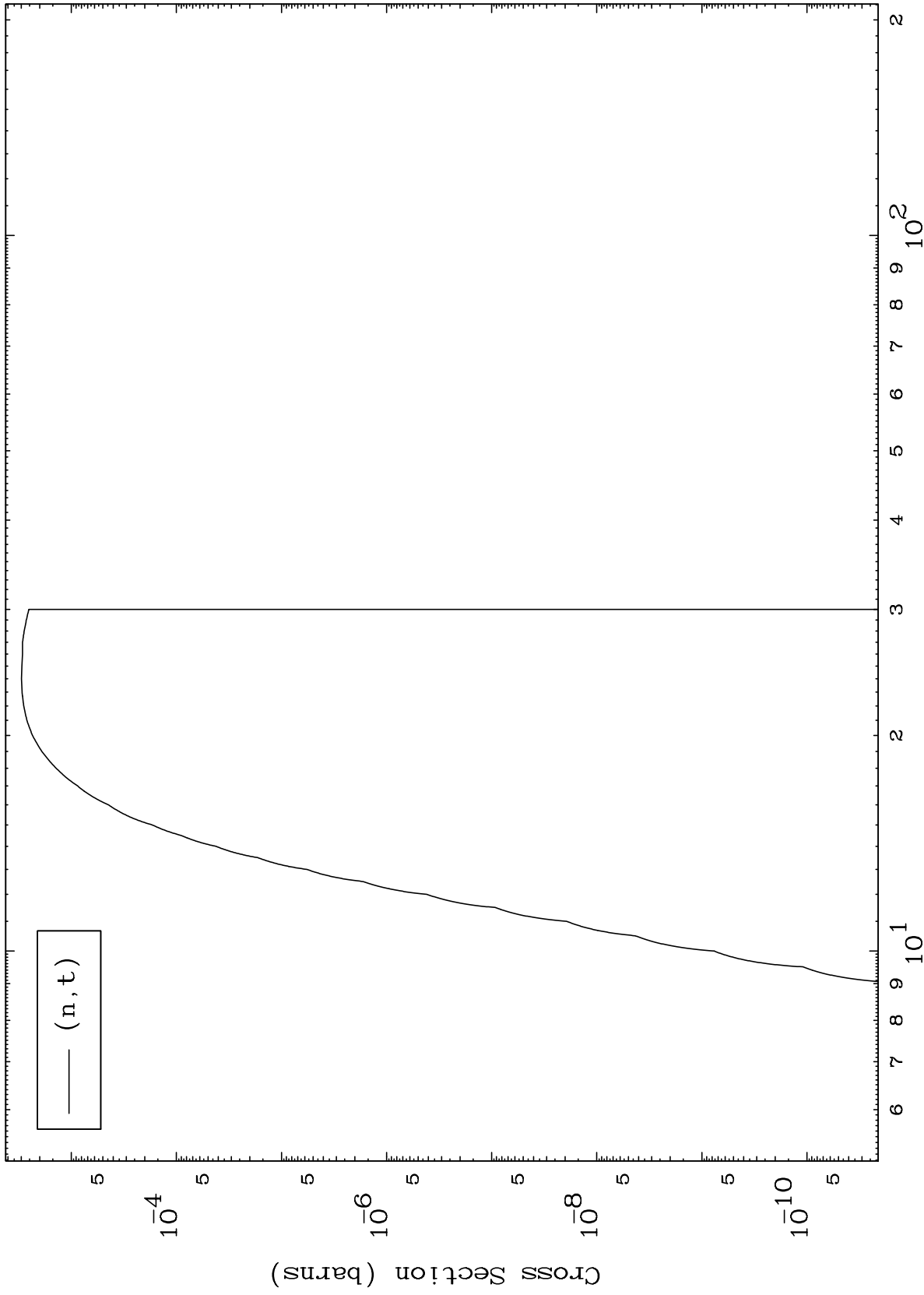
Incident Energy (MeV)

57-La-143

MAT 5740

(n,t) Levels
293 Kelvin Cross Sections

57-La-143



12

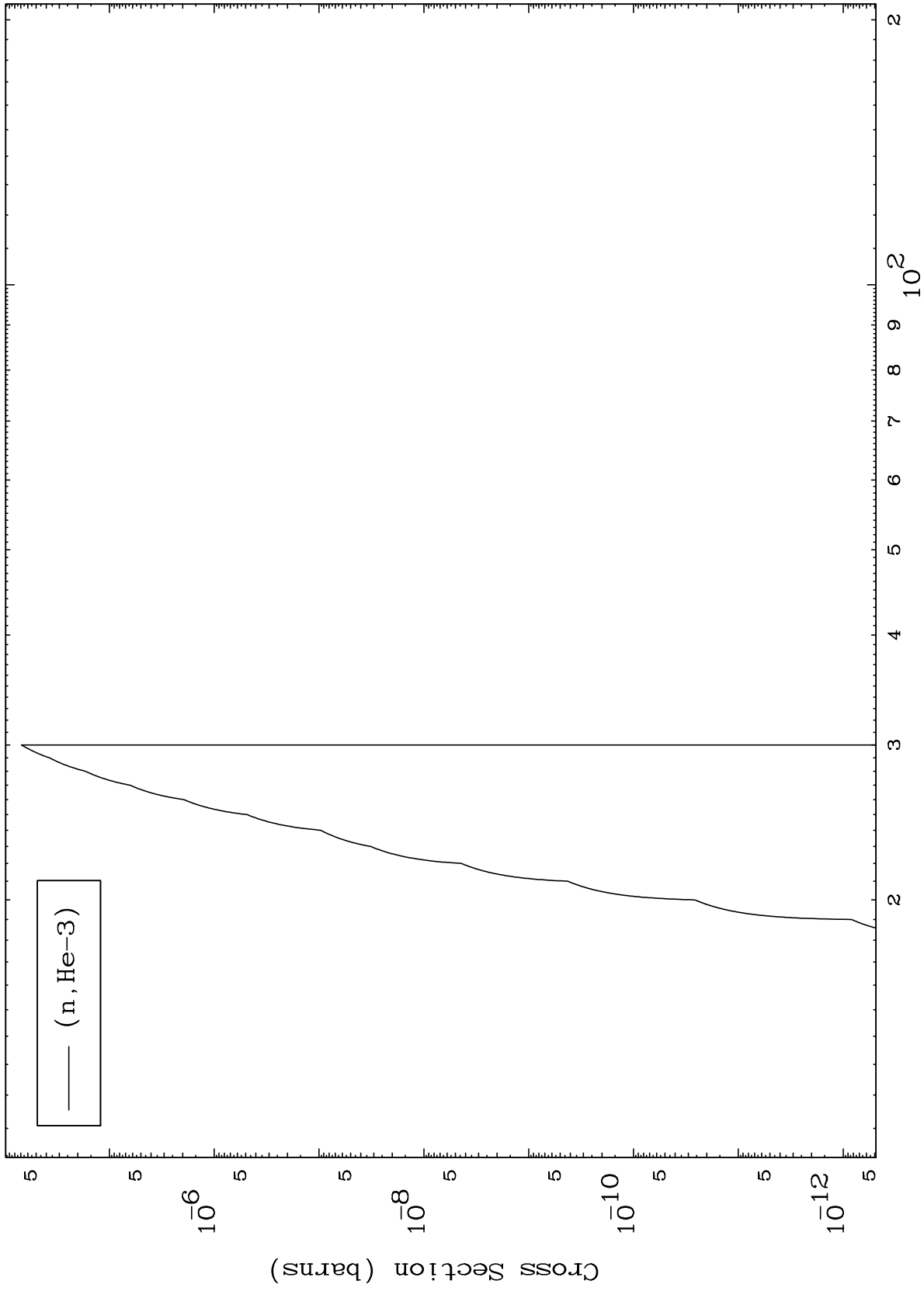
Incident Energy (MeV)

57-La-143

MAT 5740

(n,He3) Levels
293 Kelvin Cross Sections

57-La-143



13

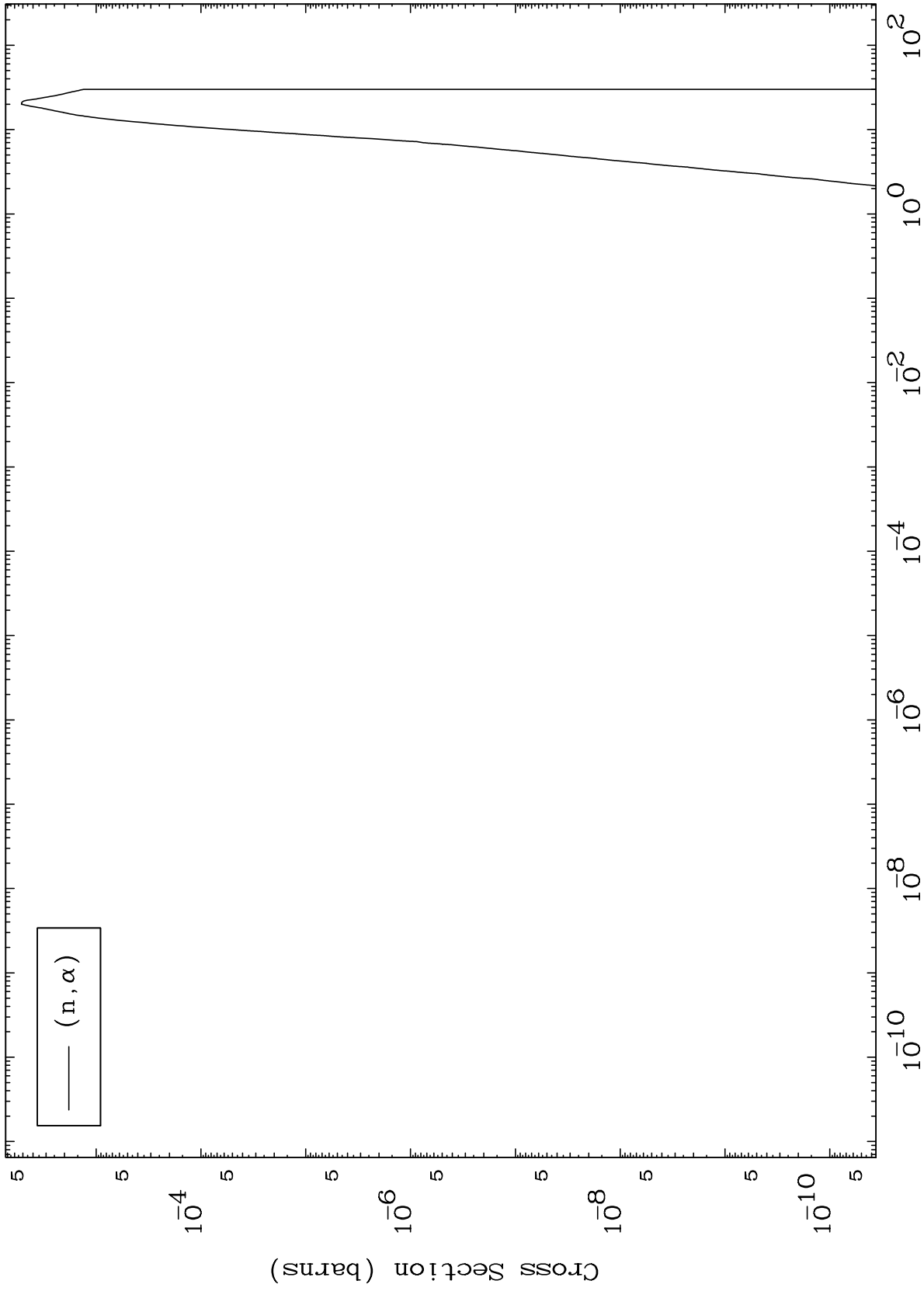
Incident Energy (MeV)

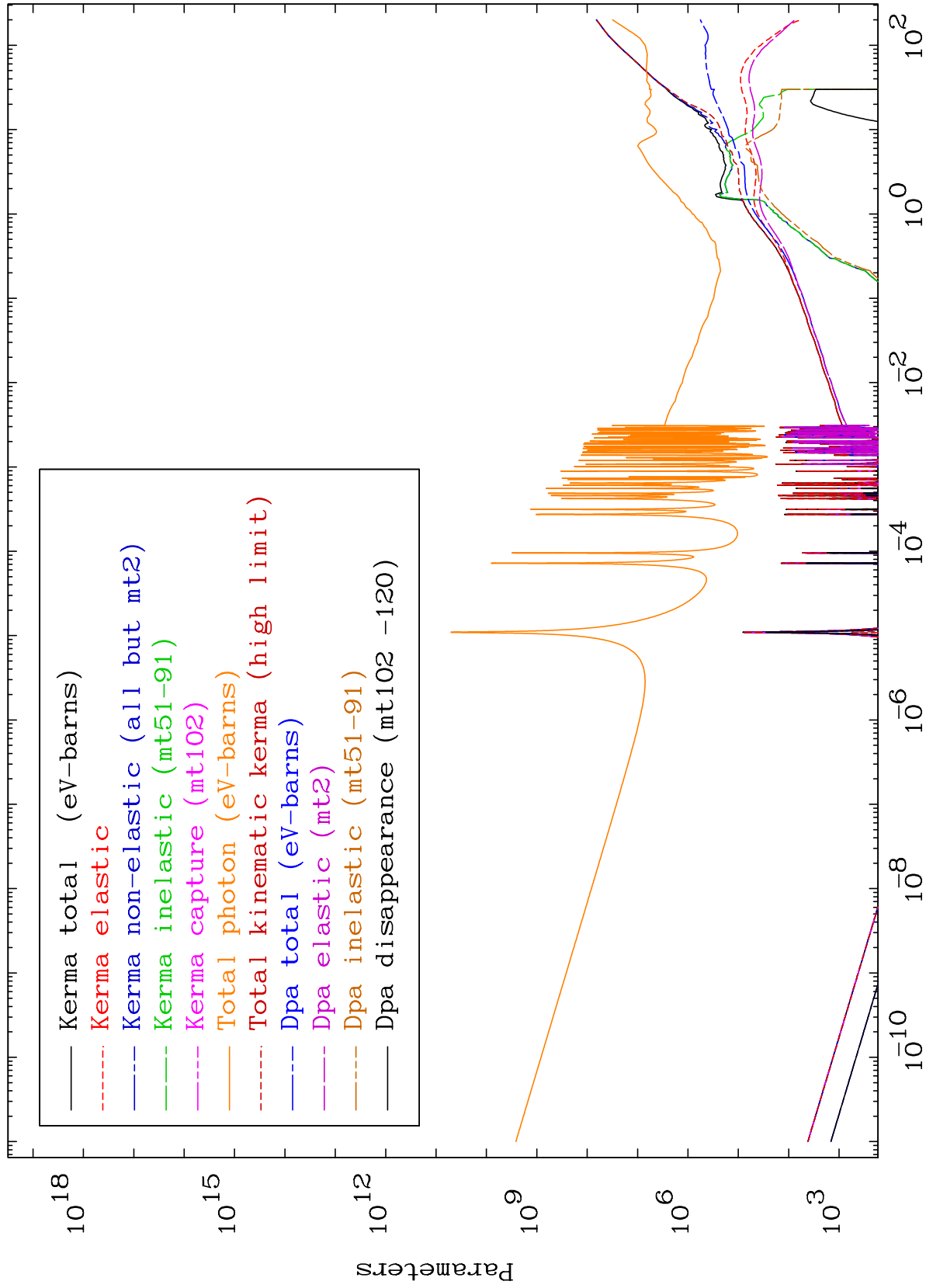
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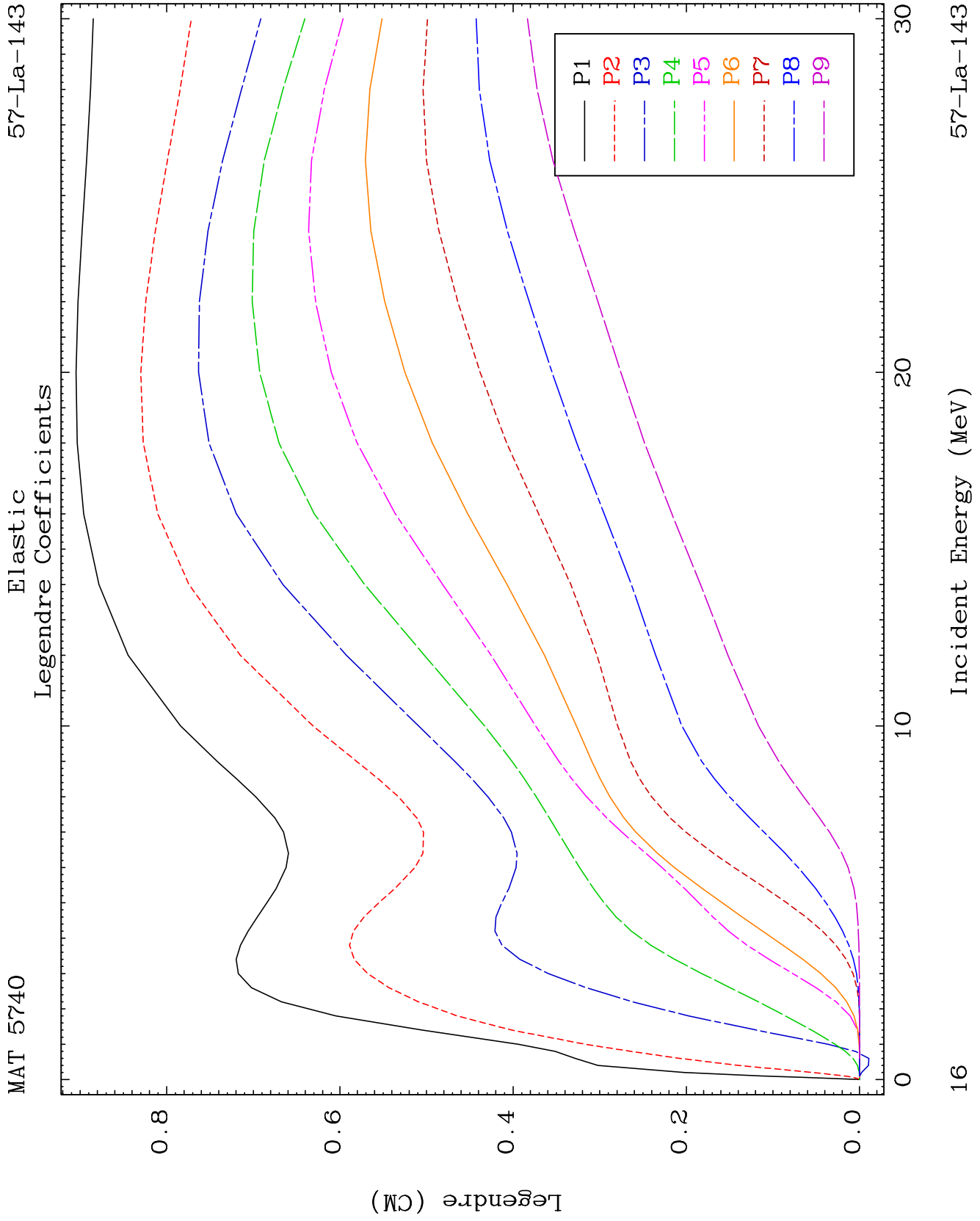
MAT 5740

(n,α) Levels
293 Kelvin Cross Sections

57-La-143



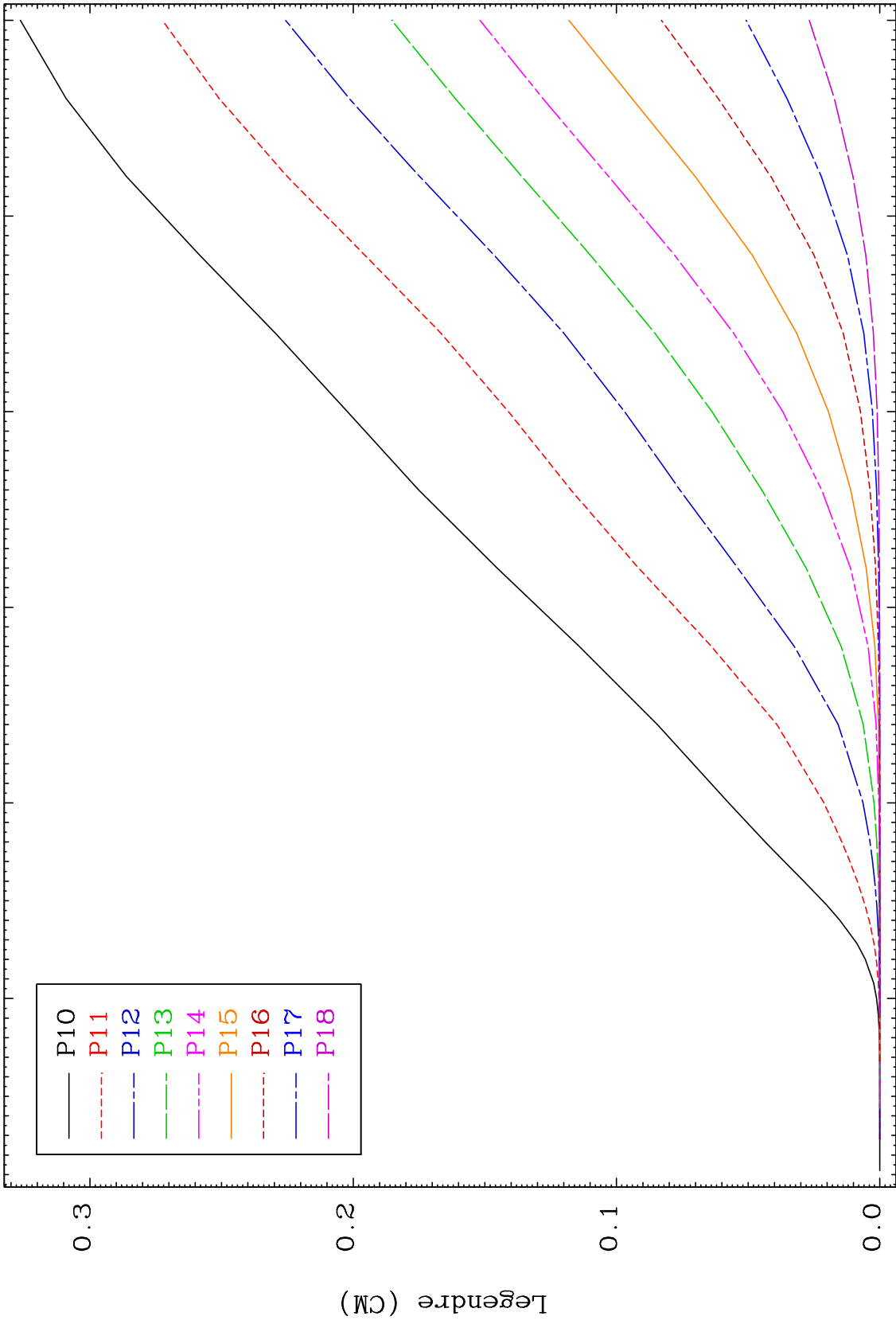




MAT 5740

Elastic Legendre Coefficients

57-La-143



17

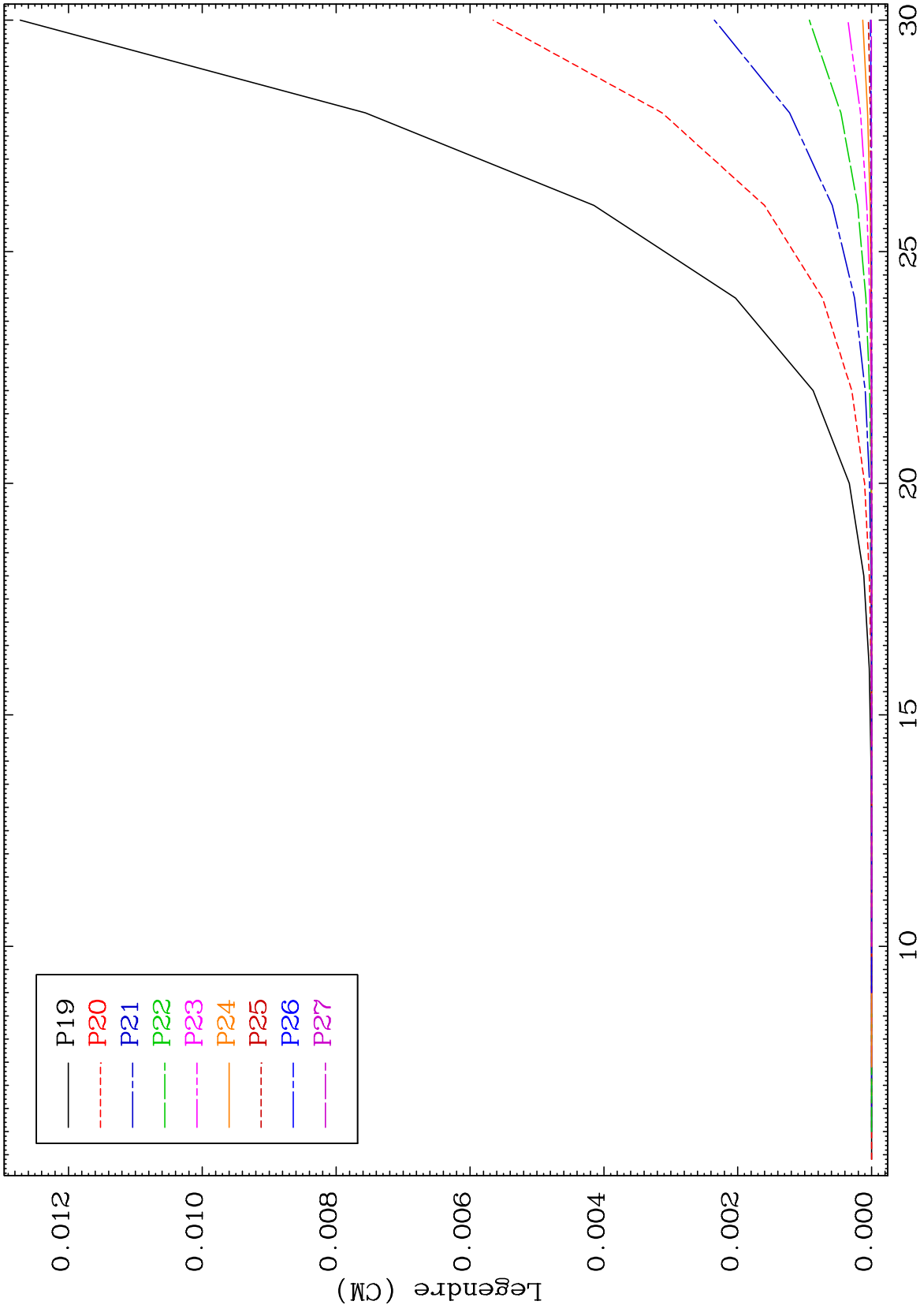
Incident Energy (MeV)

57-La-143

MAT 5740

Elastic Legendre Coefficients

57-La-143



18

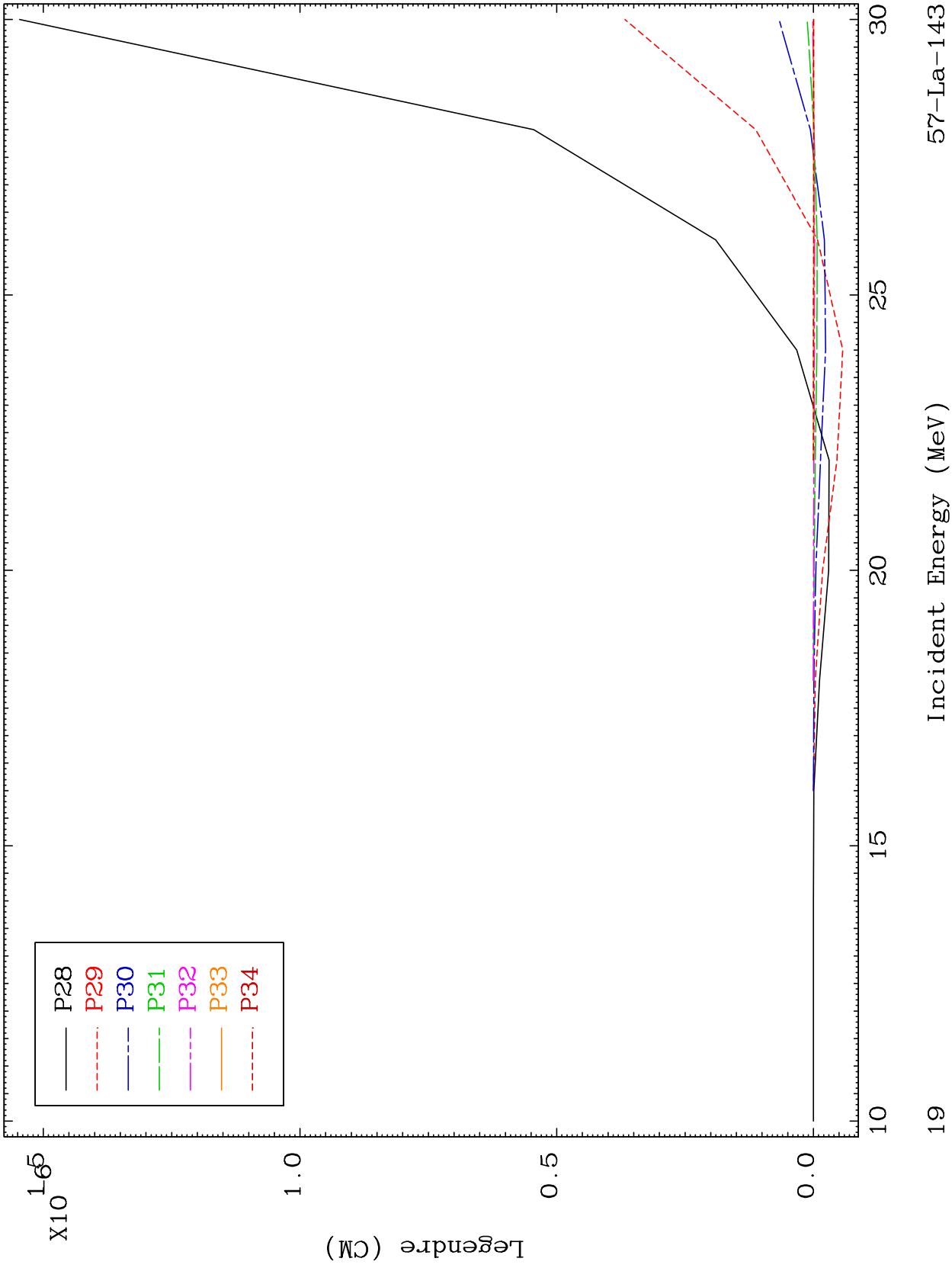
Incident Energy (MeV)

57-La-143

MAT 5740

Elastic Legendre Coefficients

57-La-143



19

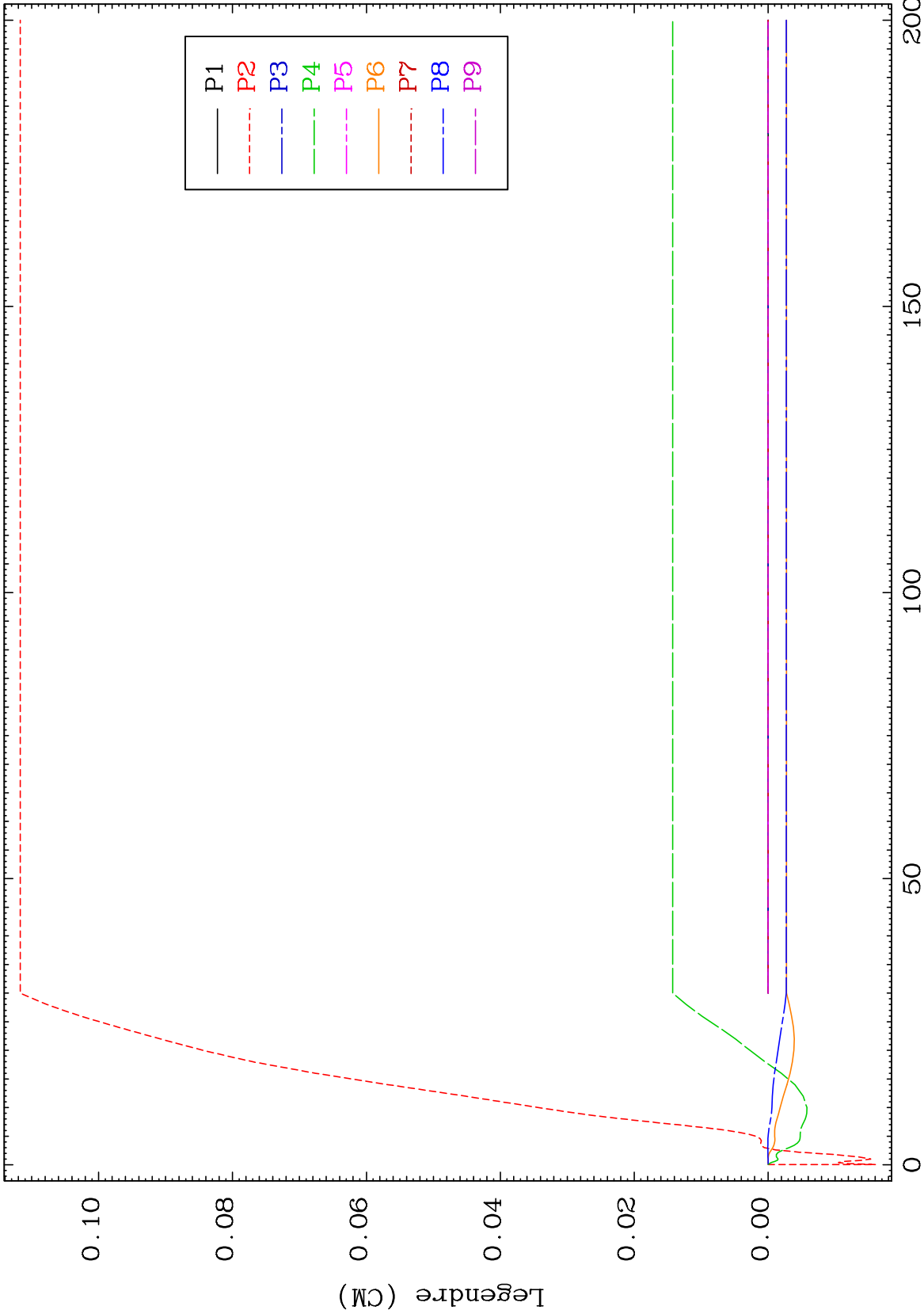
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



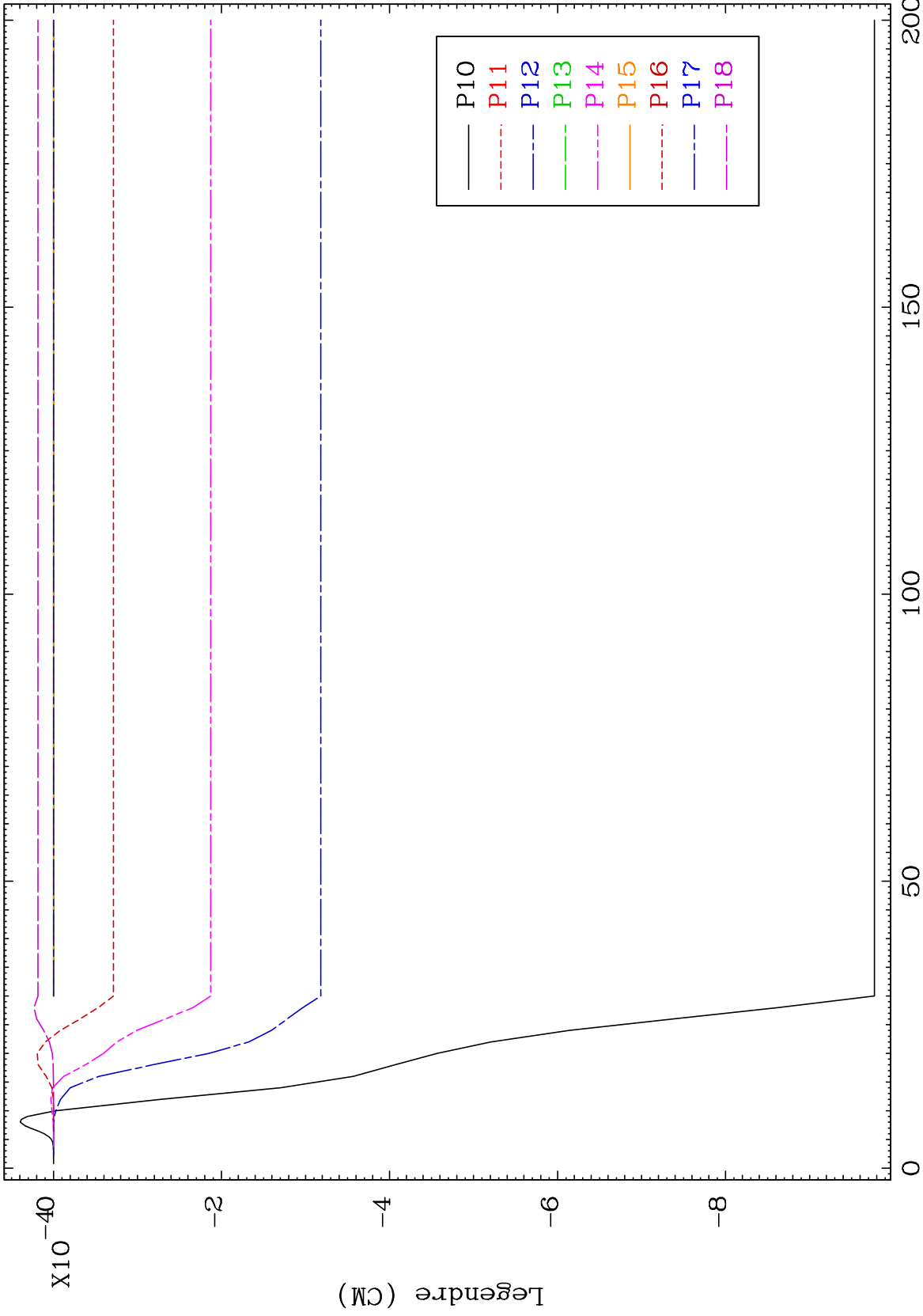
57-La-143

Incident Energy (MeV)

MAT 5740

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

57-La-143



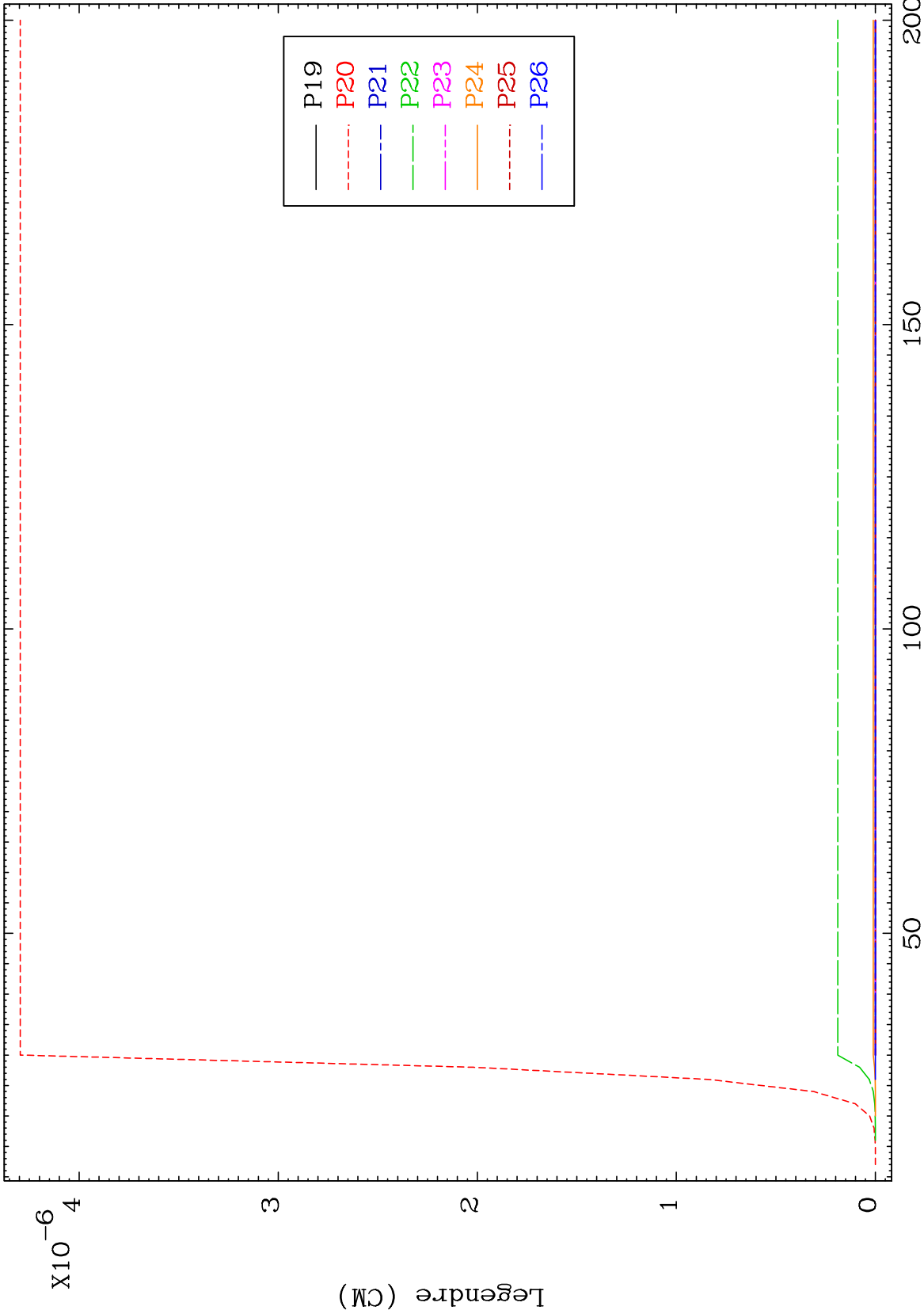
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57-La-143

MAT 5740

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

57-La-143



22

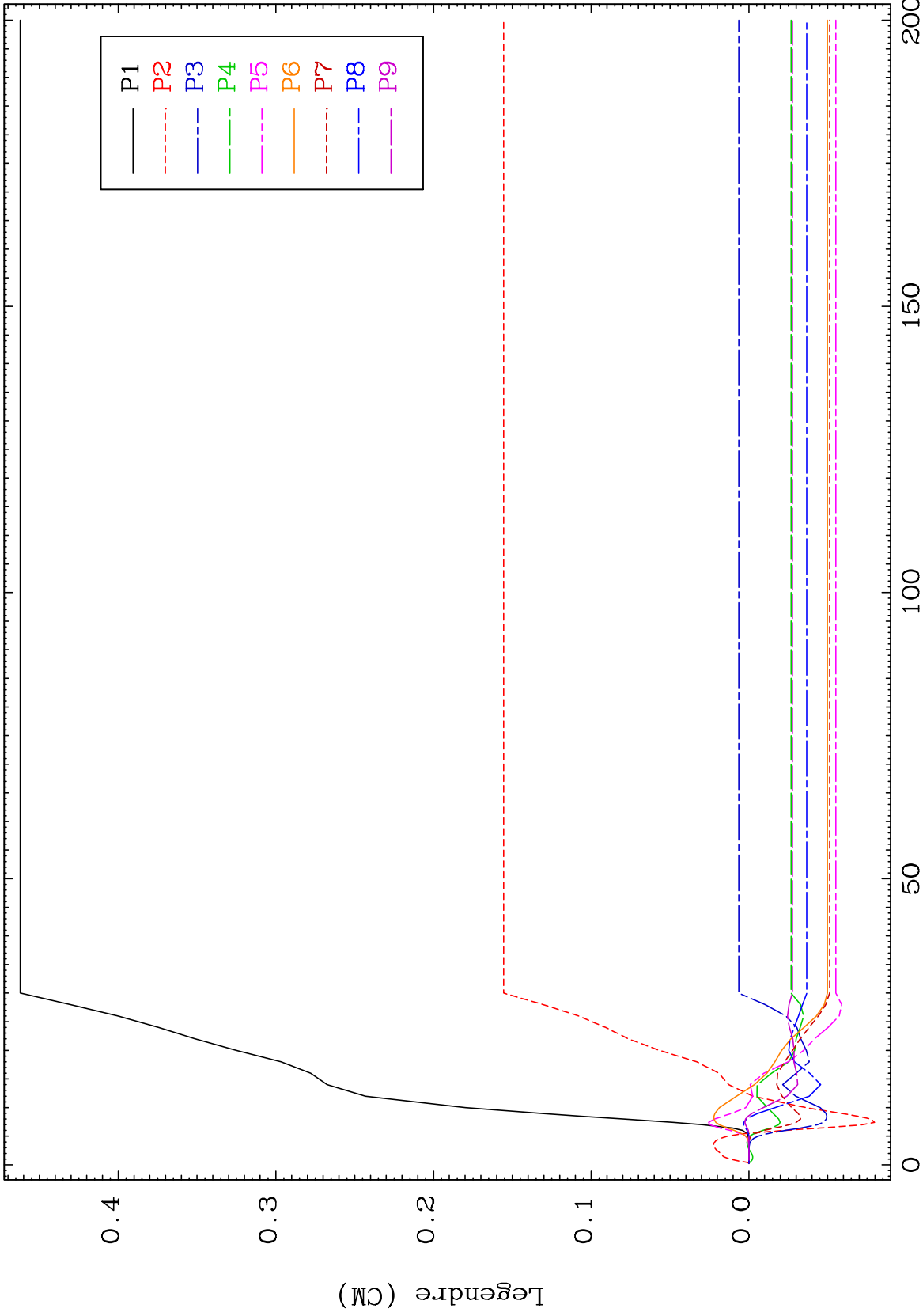
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



23

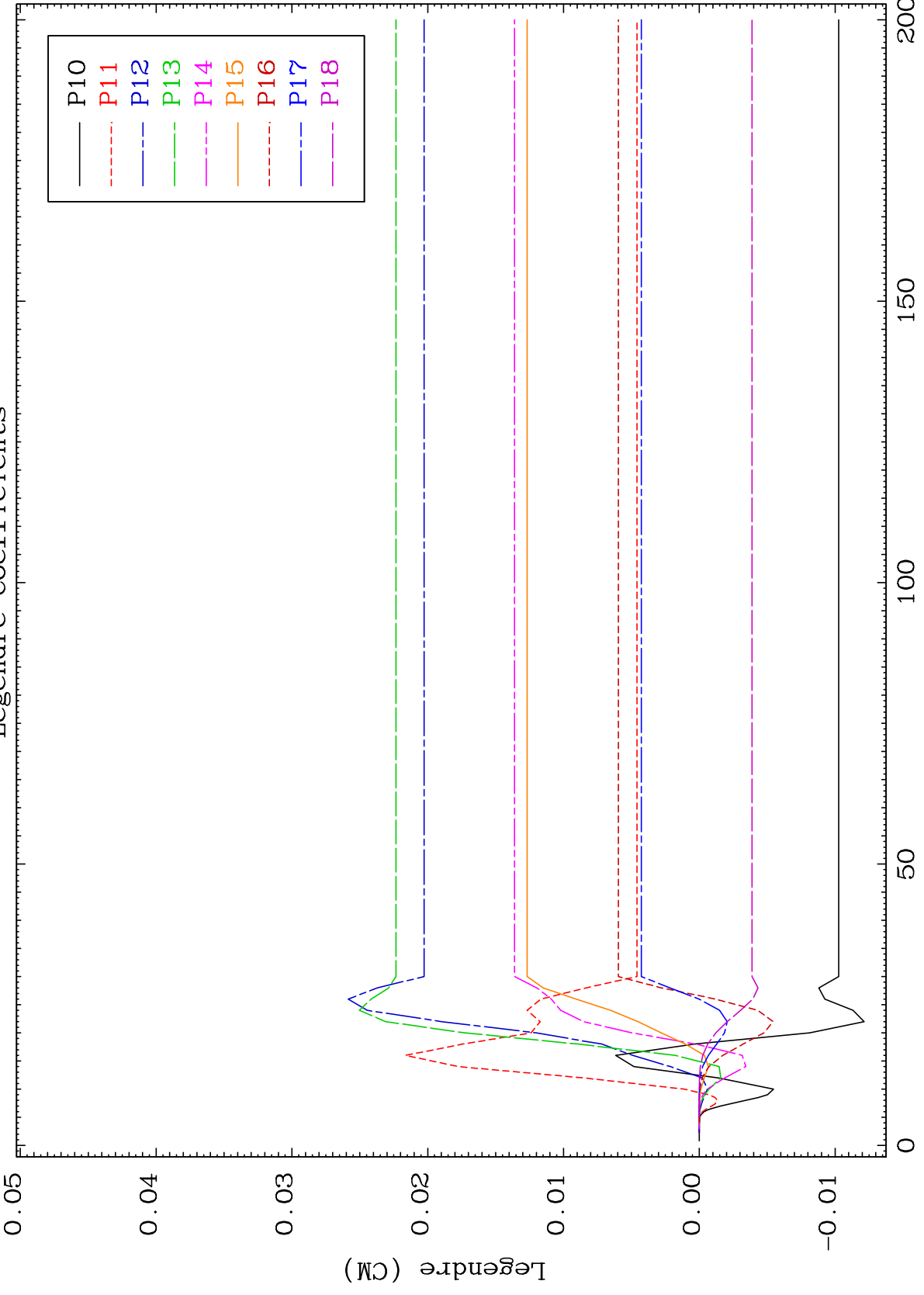
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



24

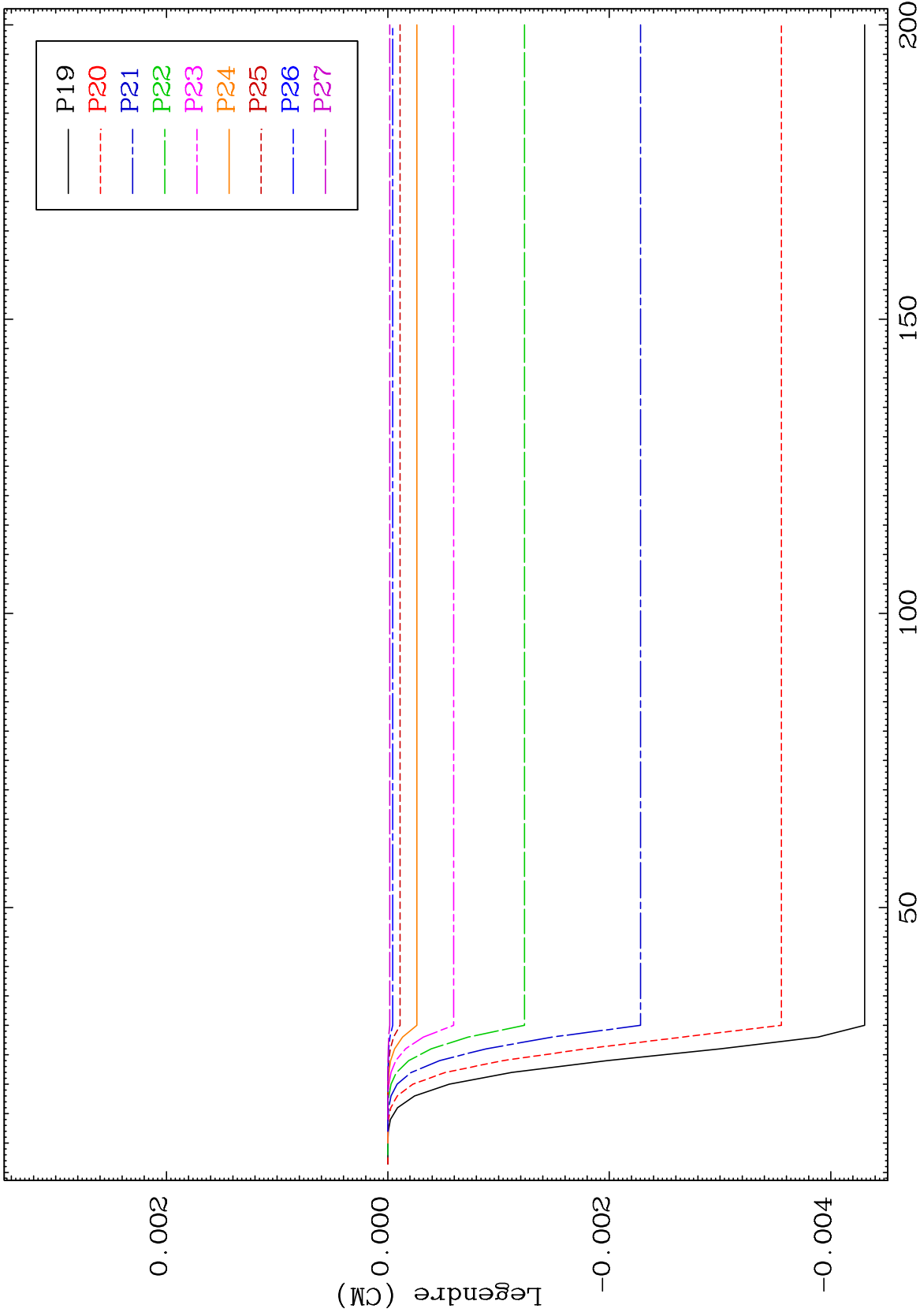
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



25

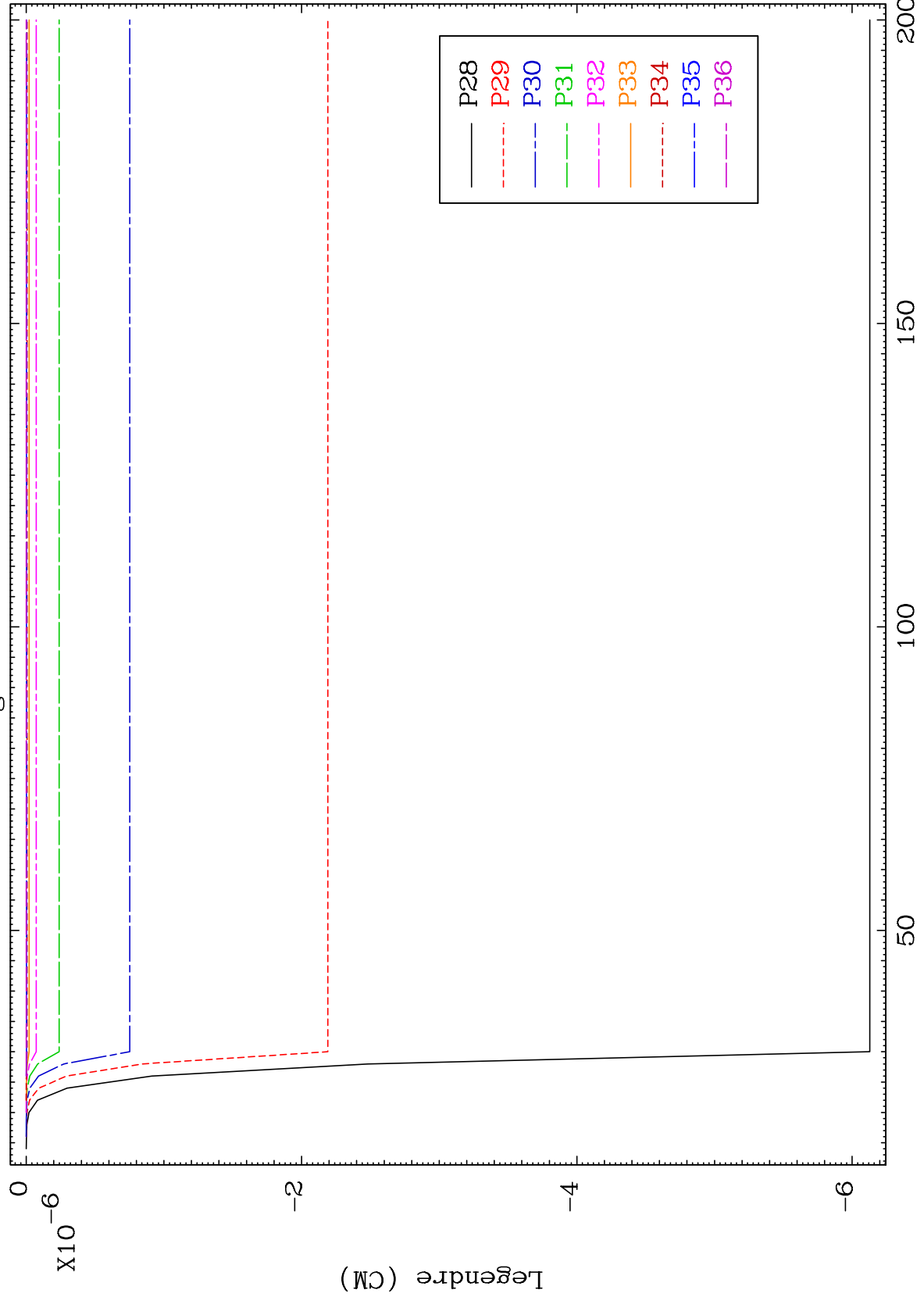
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

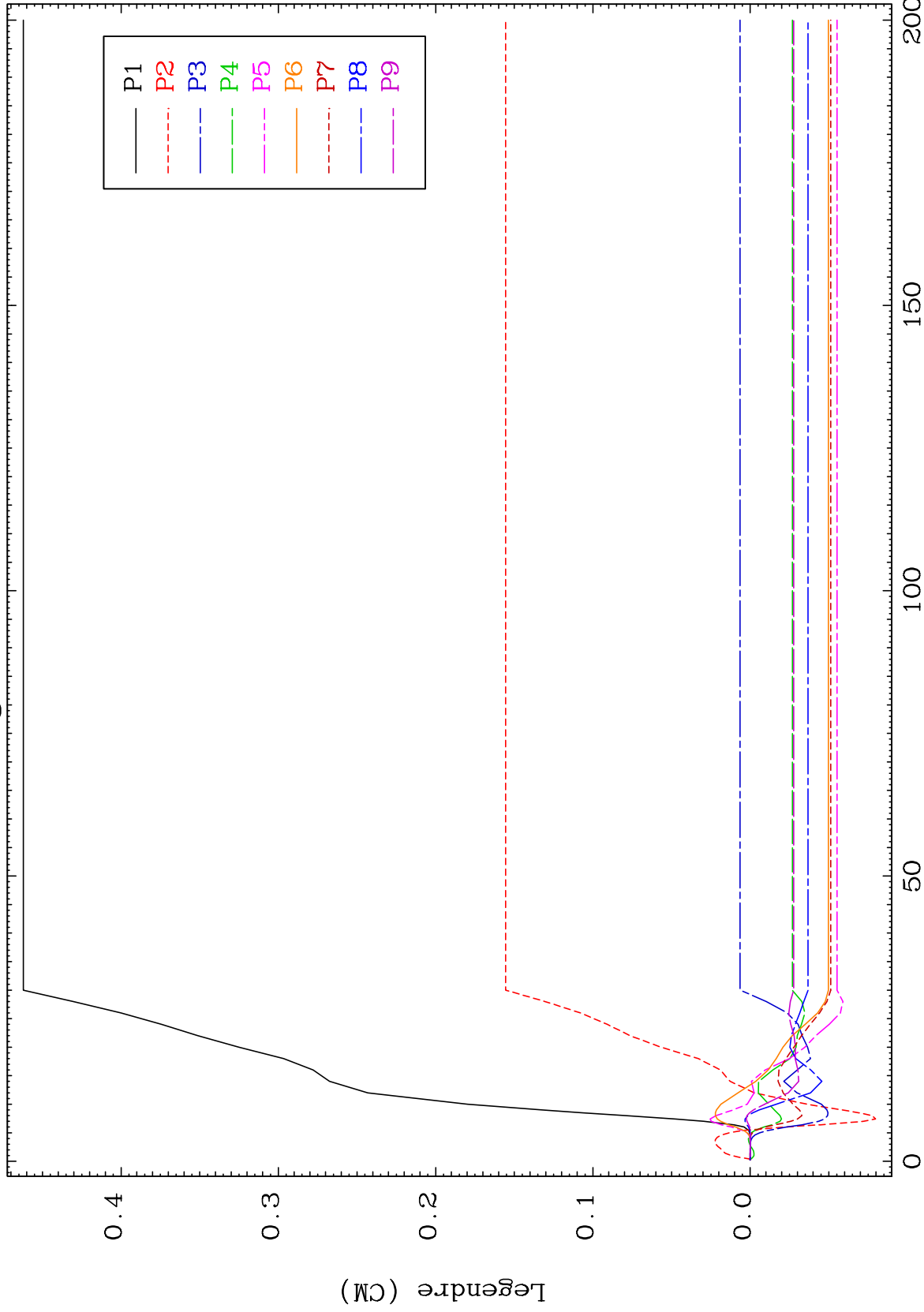
Incident Energy (MeV)

26

MAT 5740

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

57-La-143



27

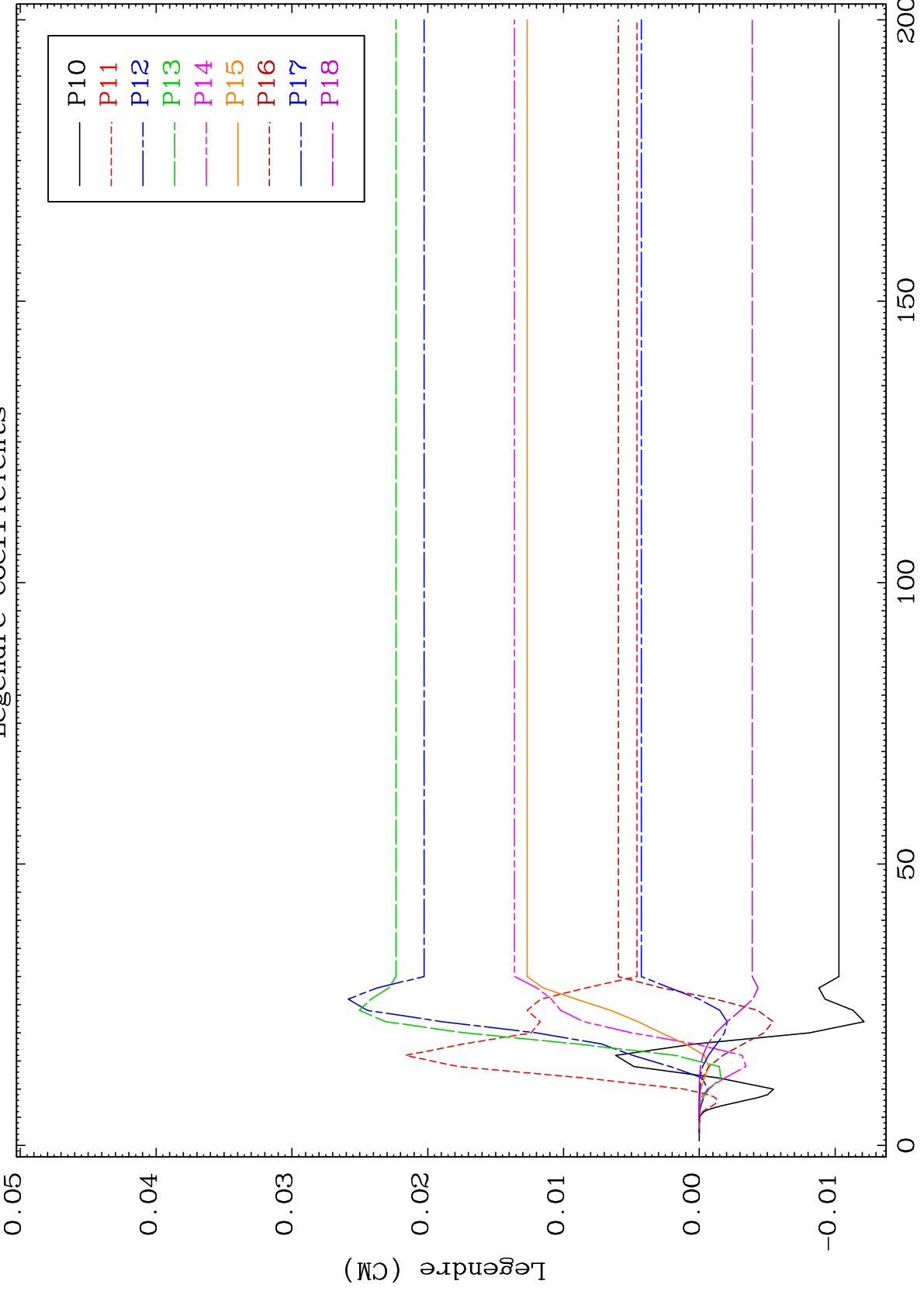
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



28

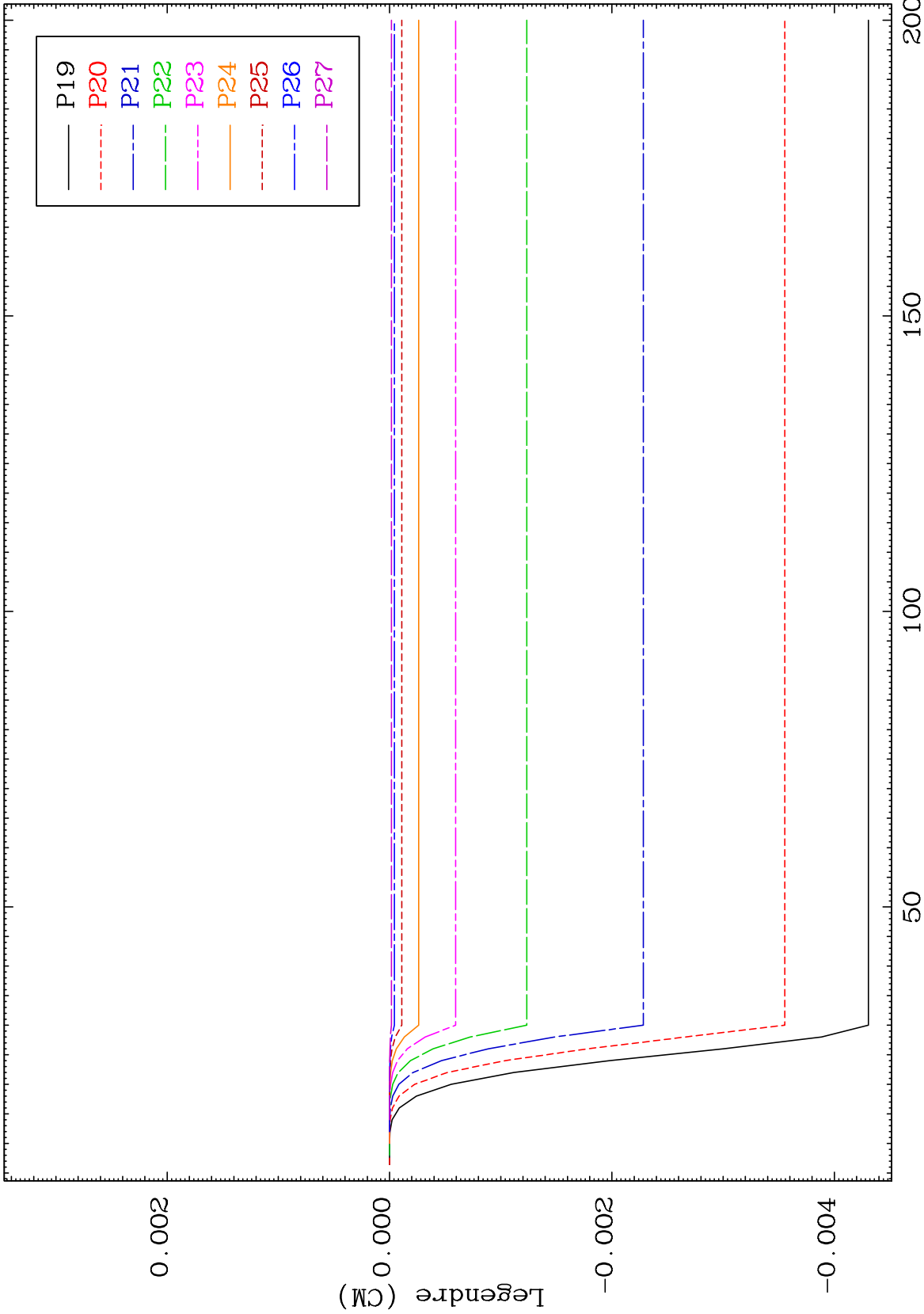
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



29

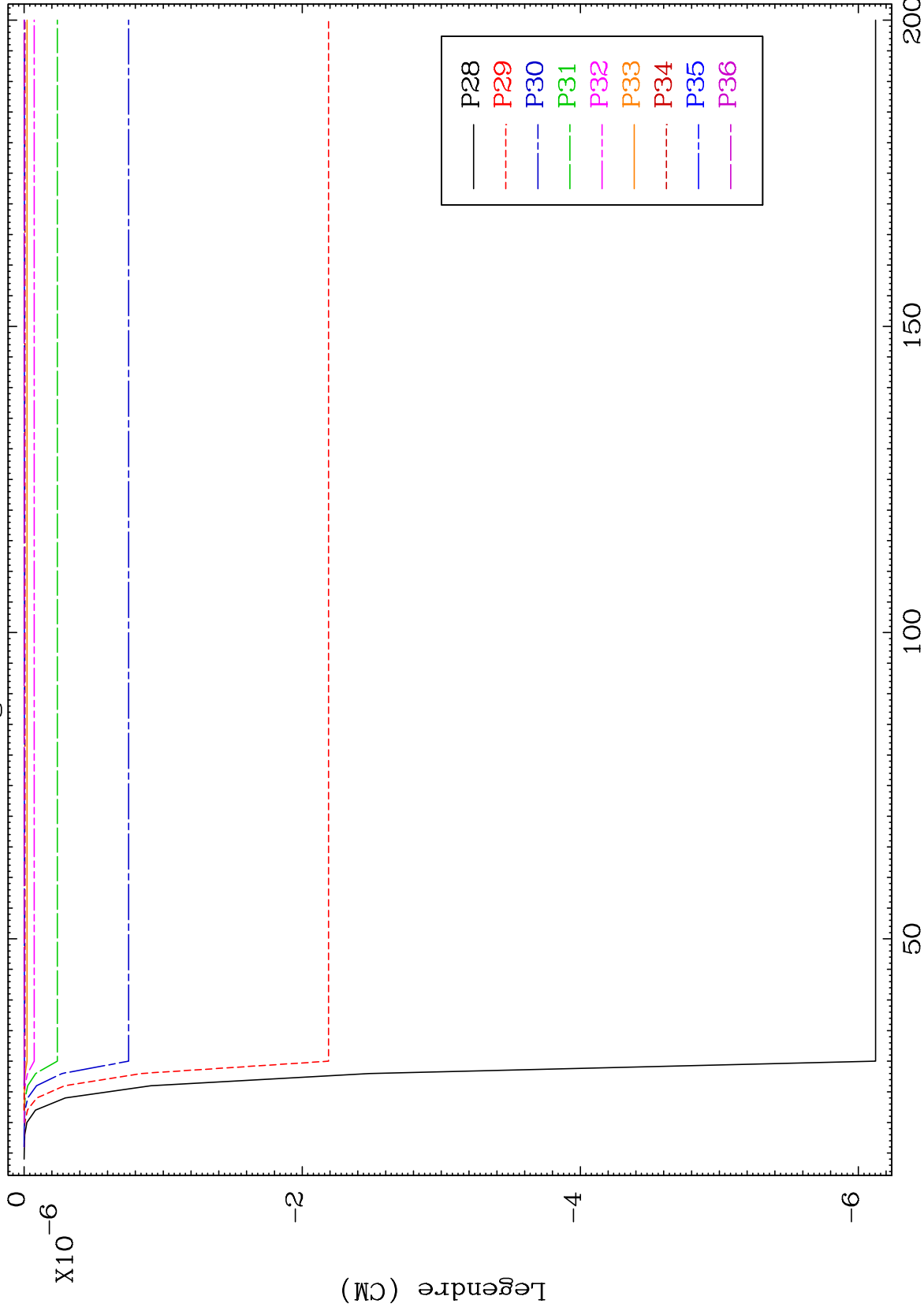
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

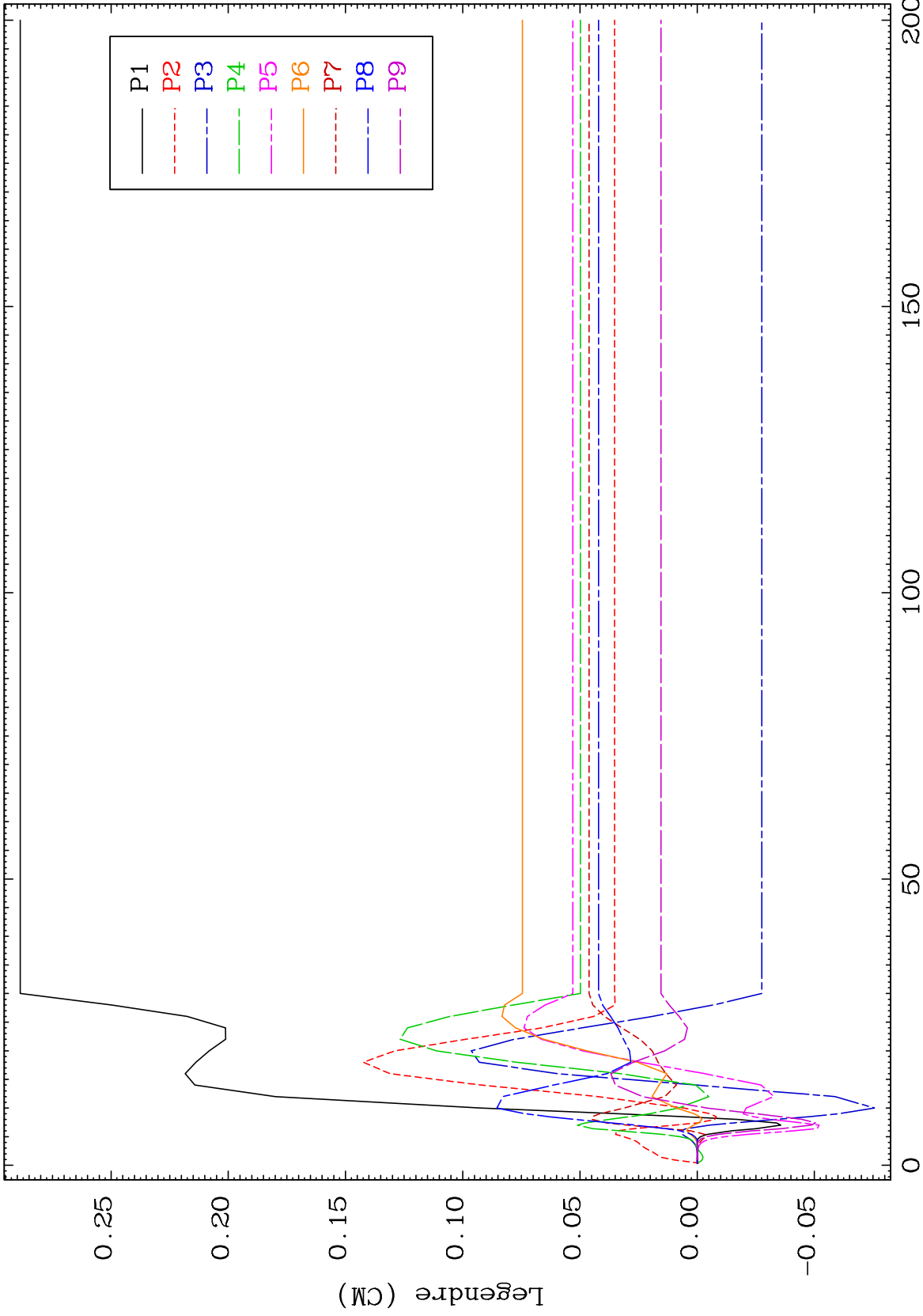
Incident Energy (MeV)

30

MAT 5740

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

57-La-143



31

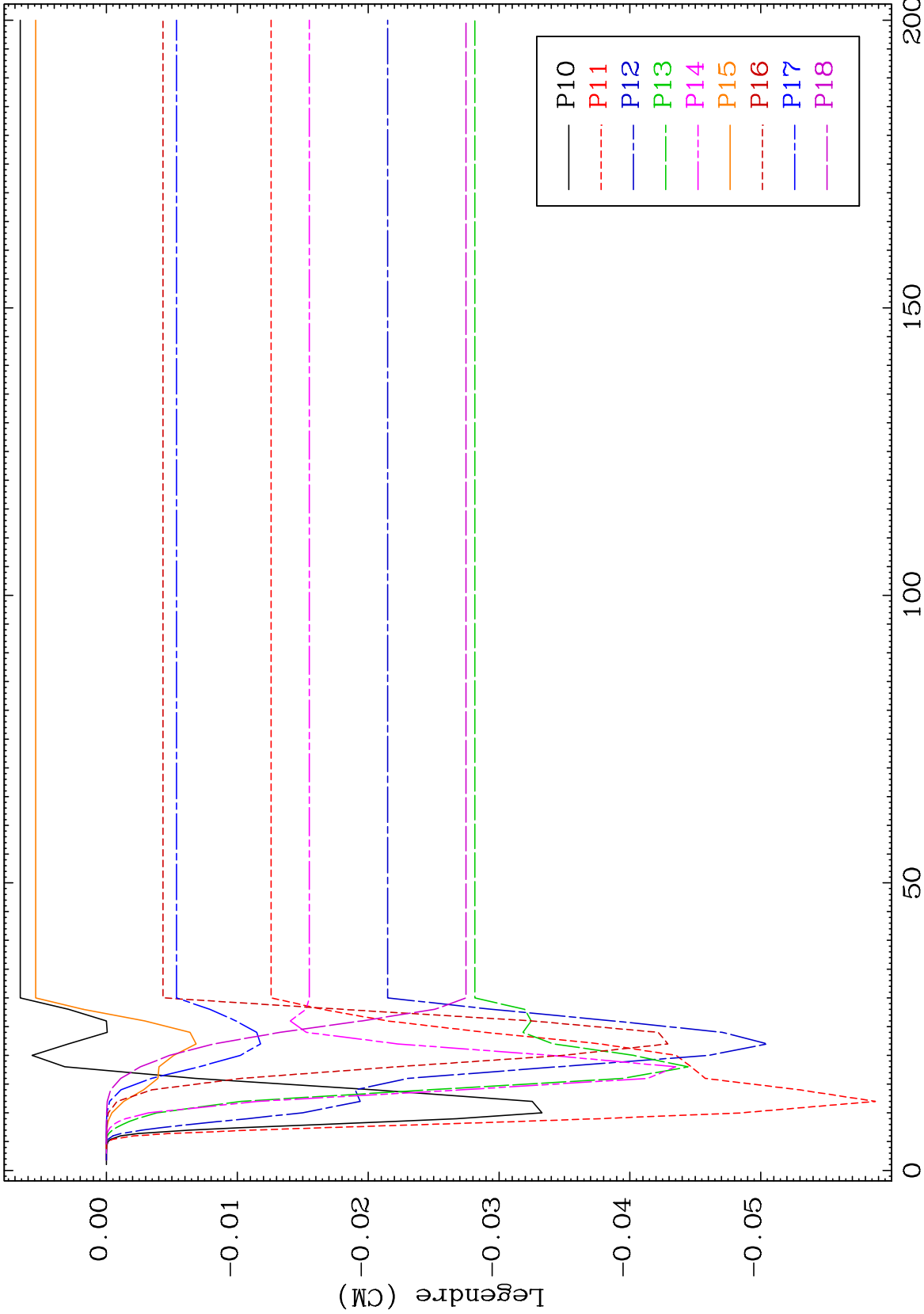
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



32

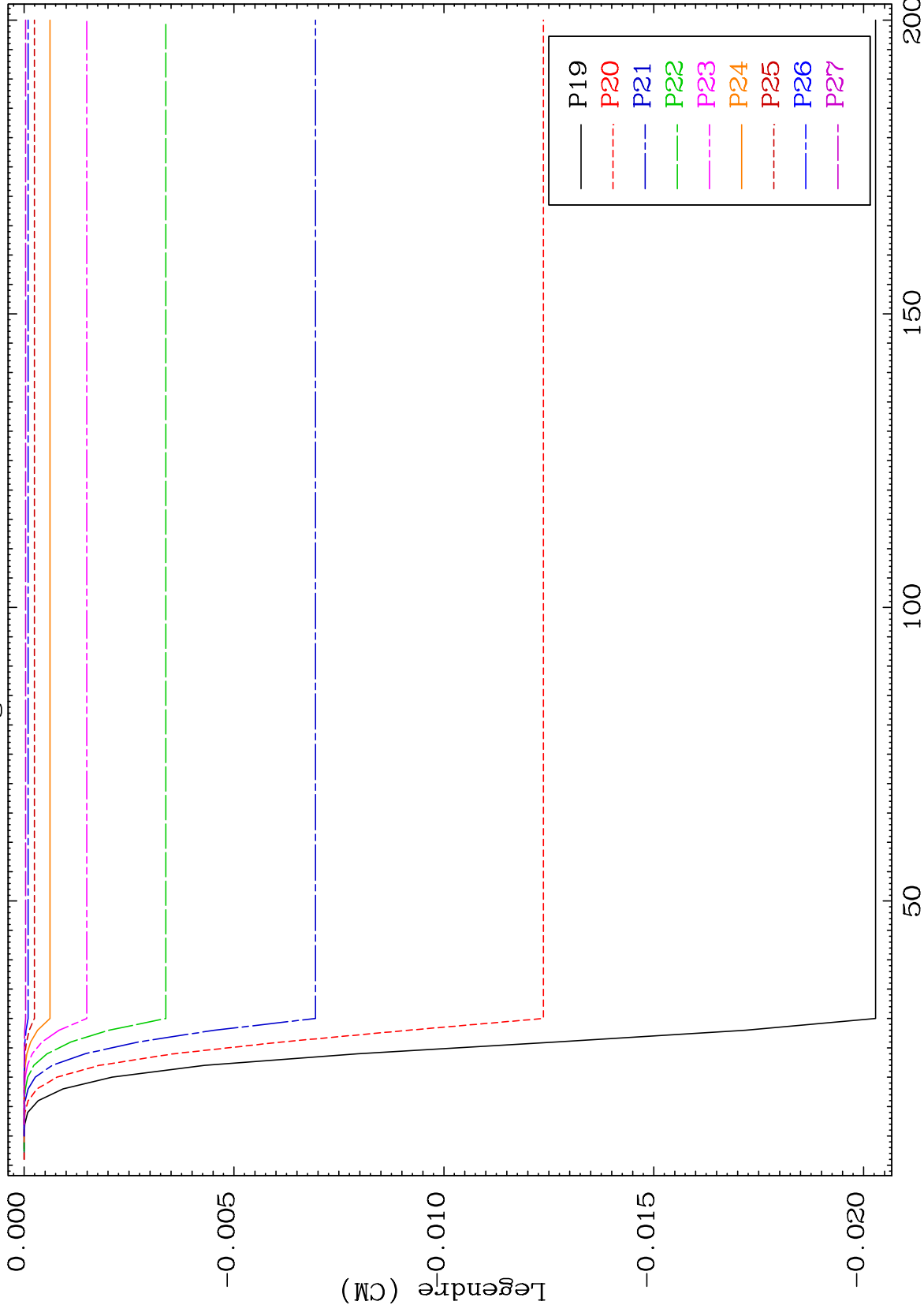
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

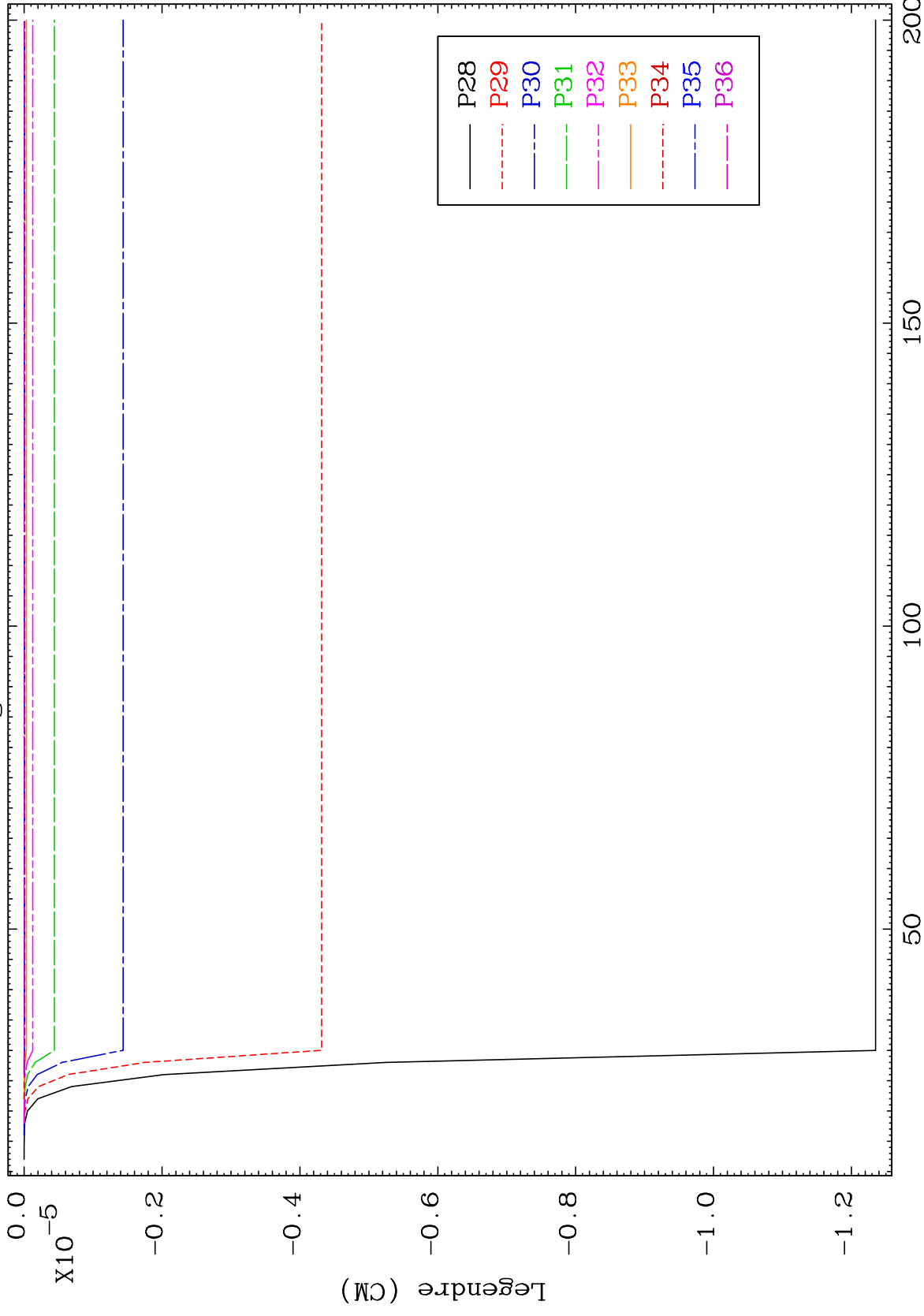
Incident Energy (MeV)

33

MAT 5740

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

57-La-143



57-La-143

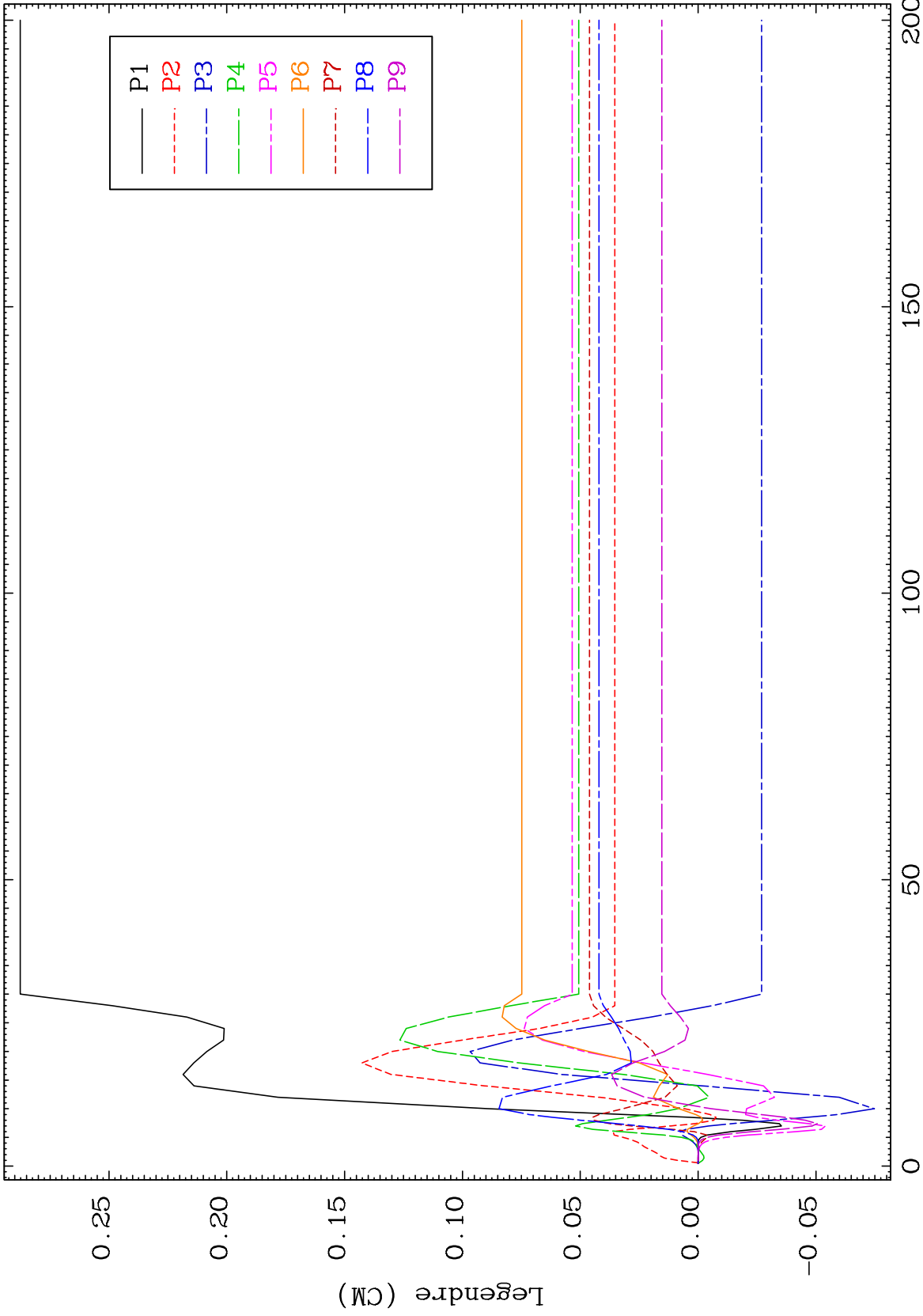
Incident Energy (MeV)

34

MAT 5740

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

57-La-143



35

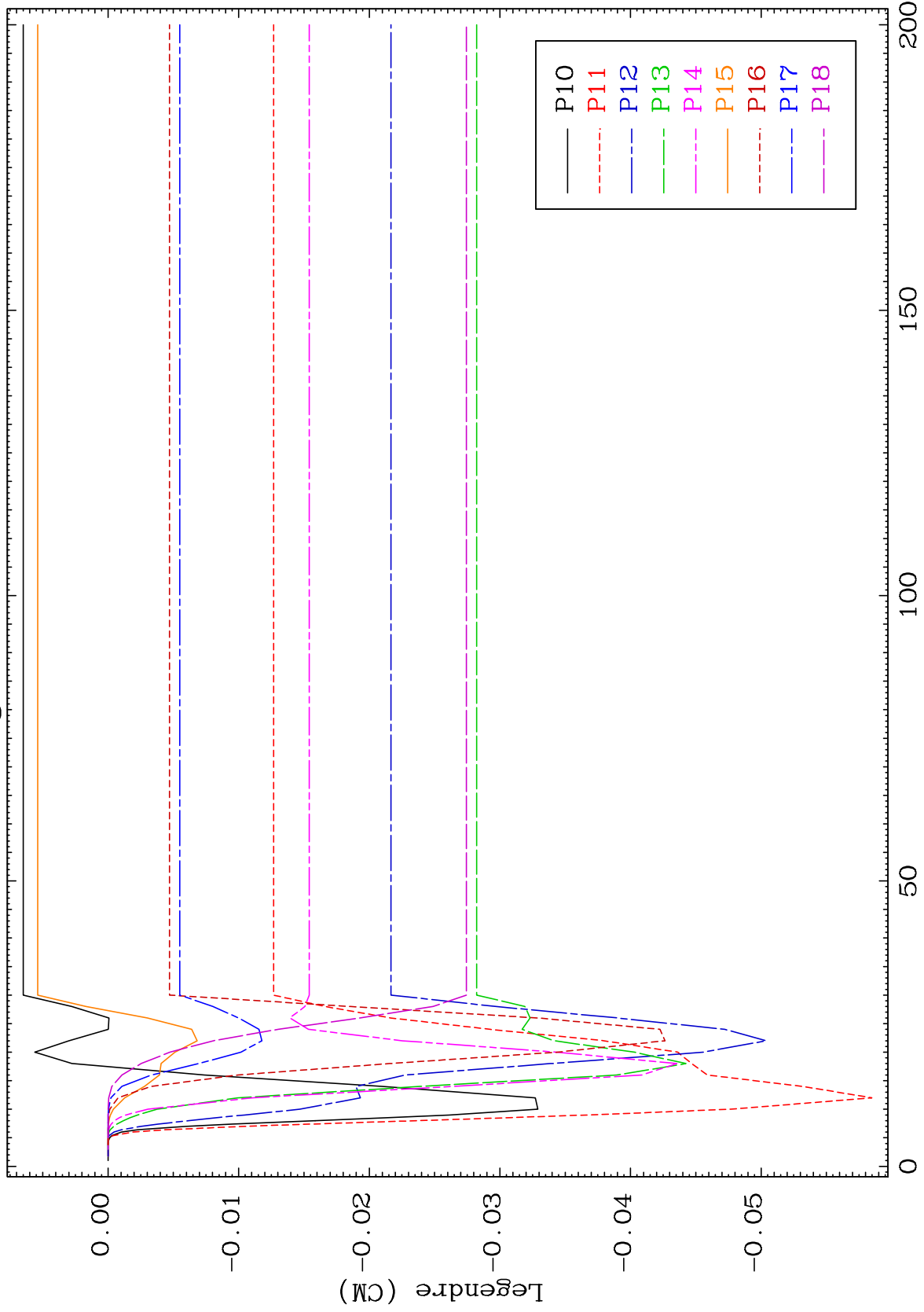
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



36

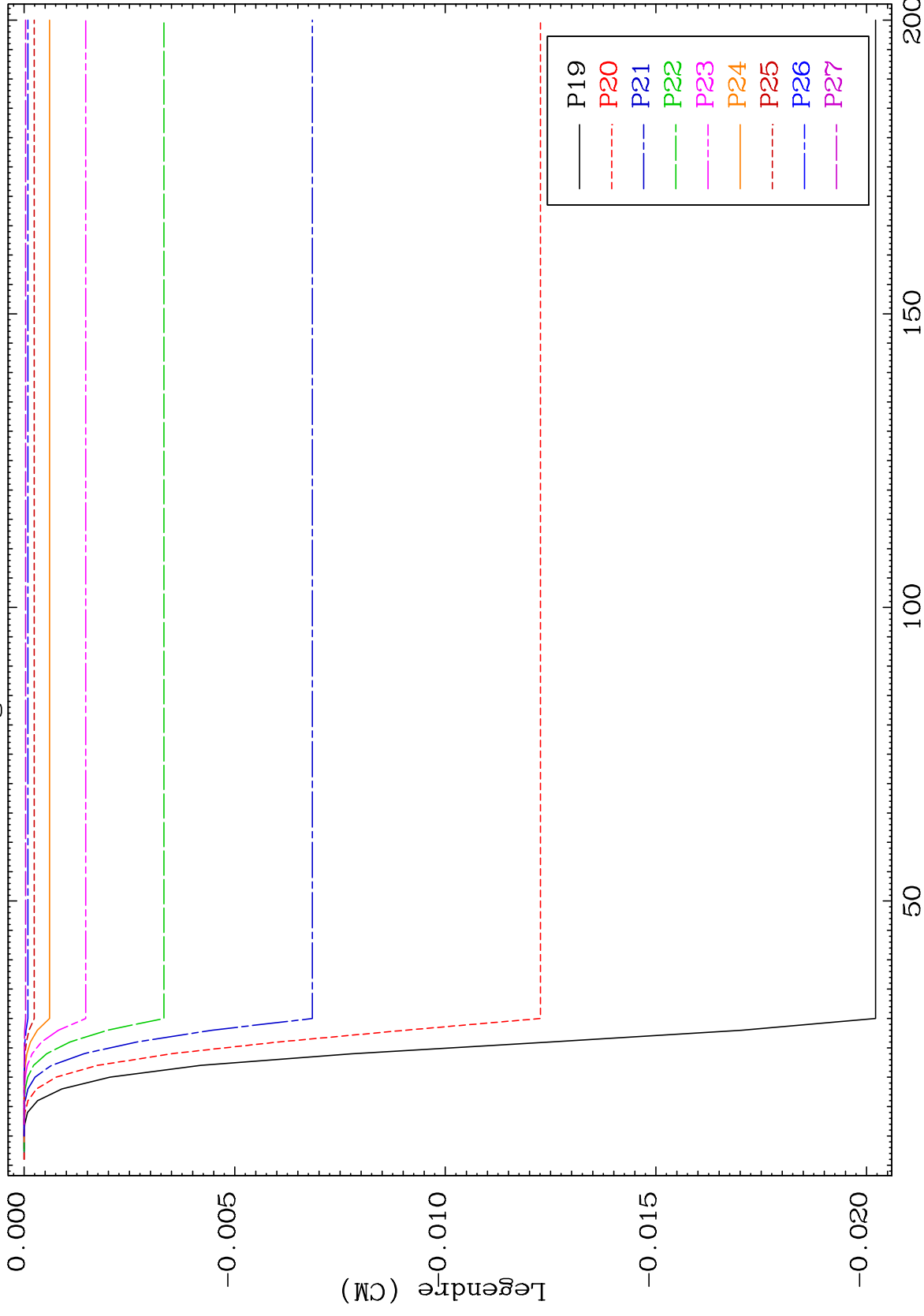
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

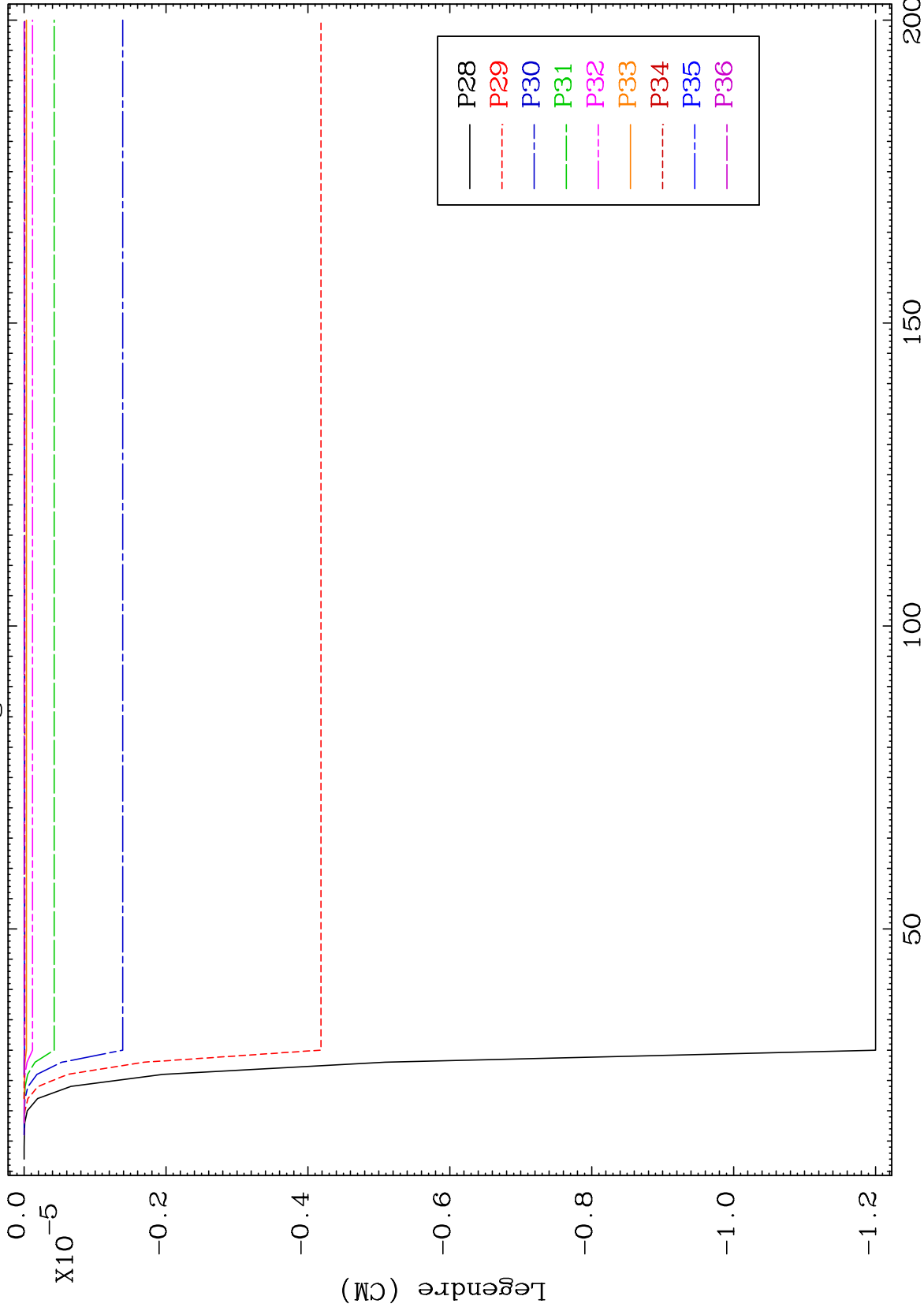
Incident Energy (MeV)

37

MAT 5740

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

57-La-143



38

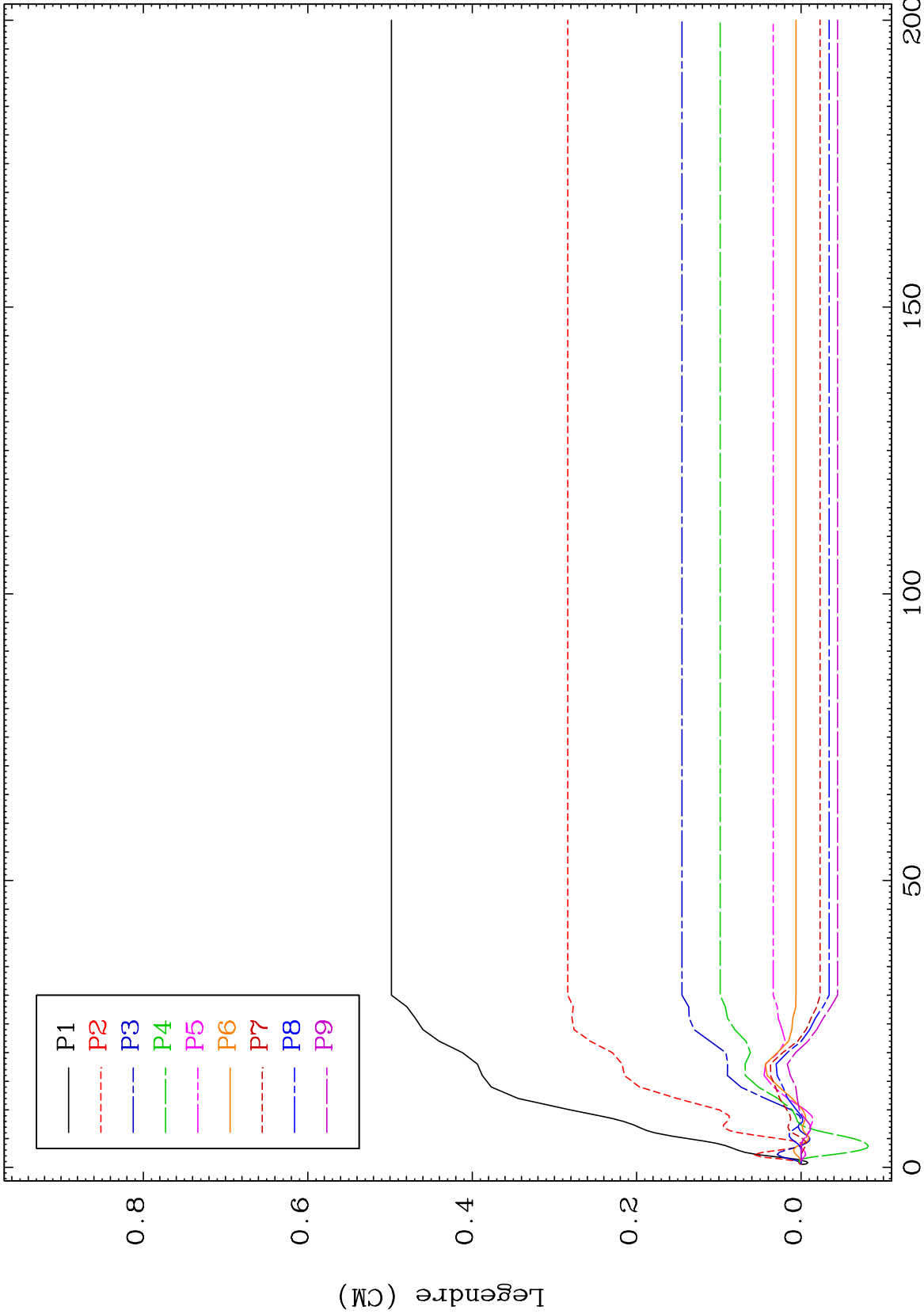
57-La-143

200

MAT 5740

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

57-La-143



39

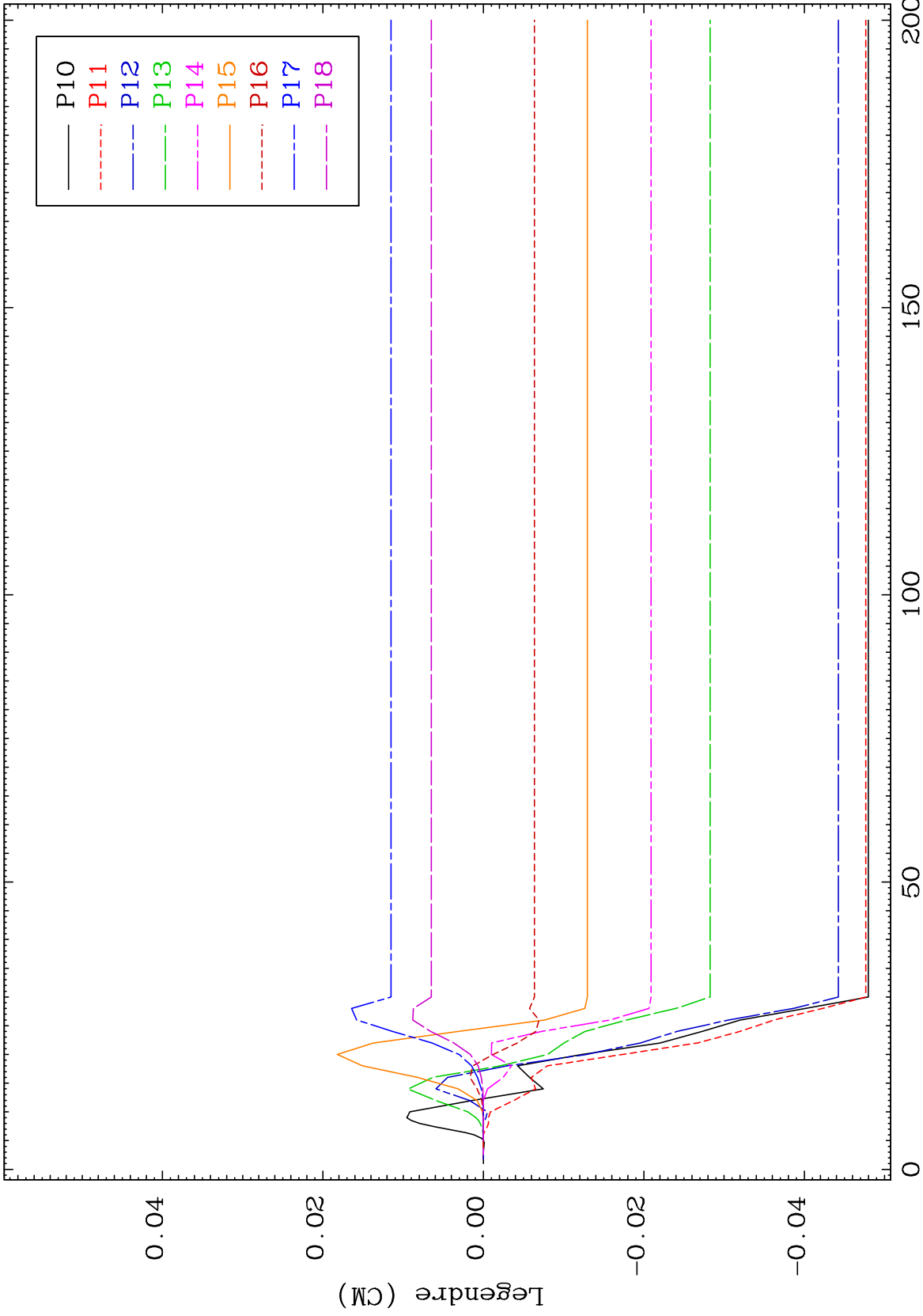
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



40

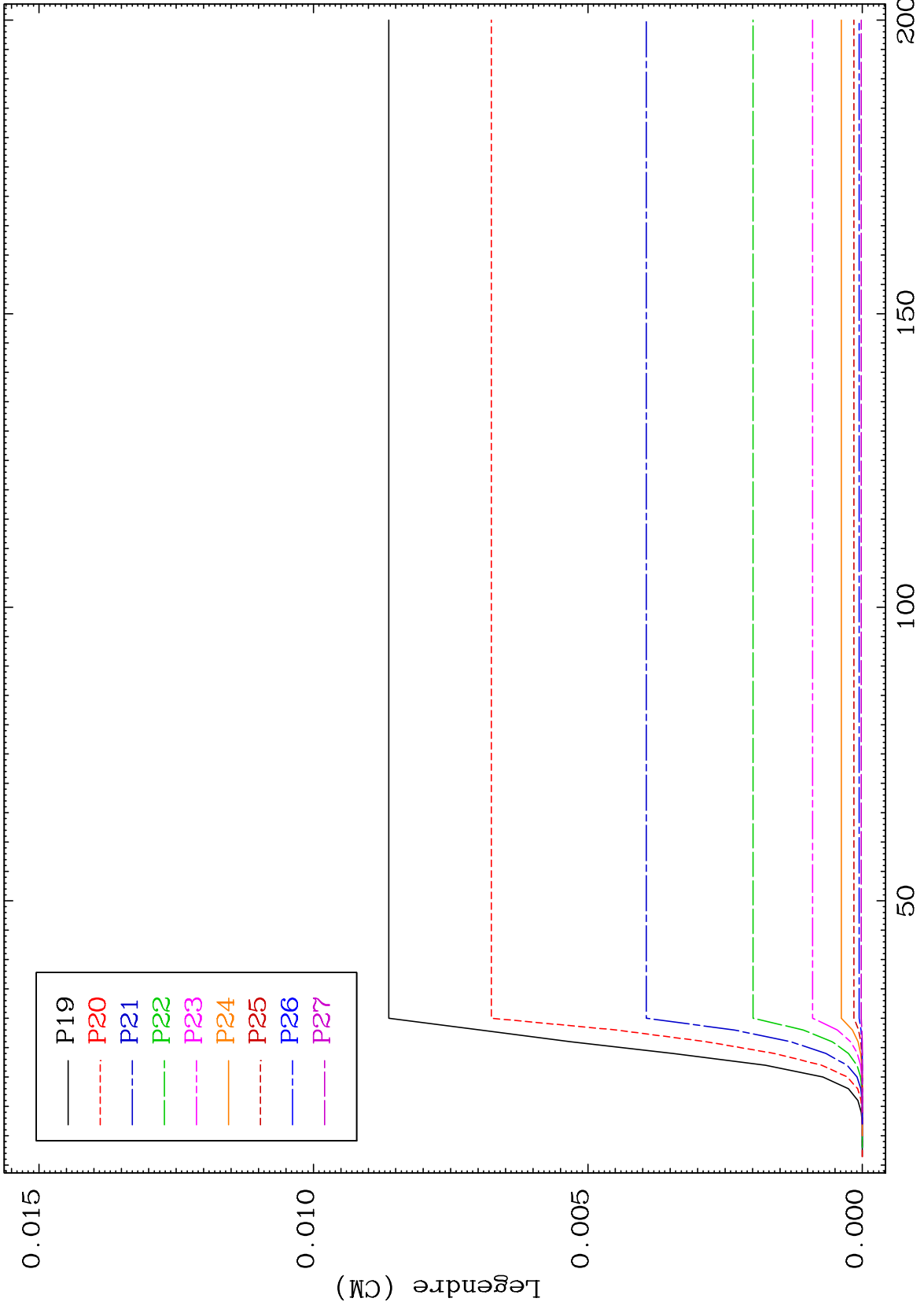
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MAT 5740

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

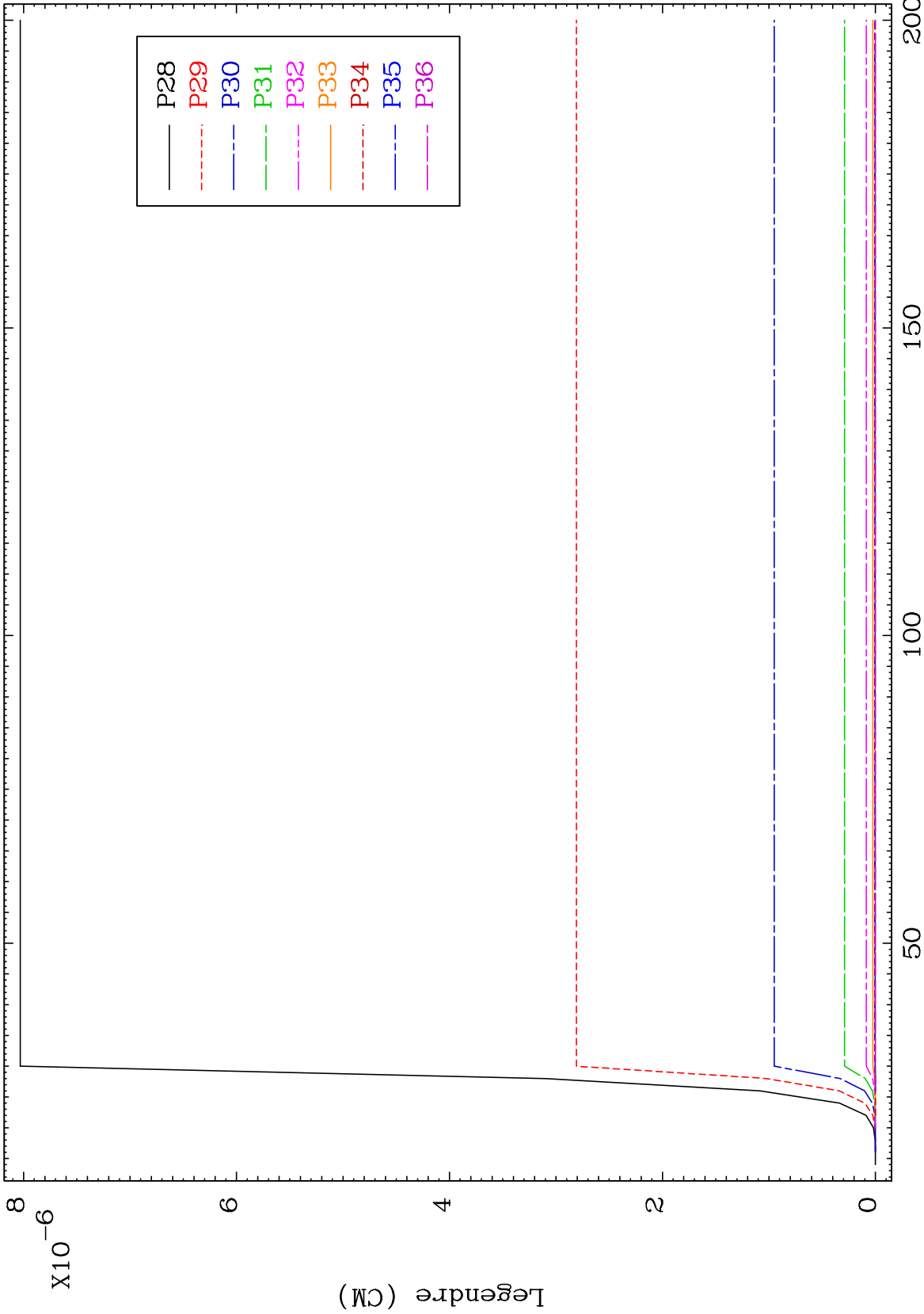
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MAT 5740

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

57-La-143



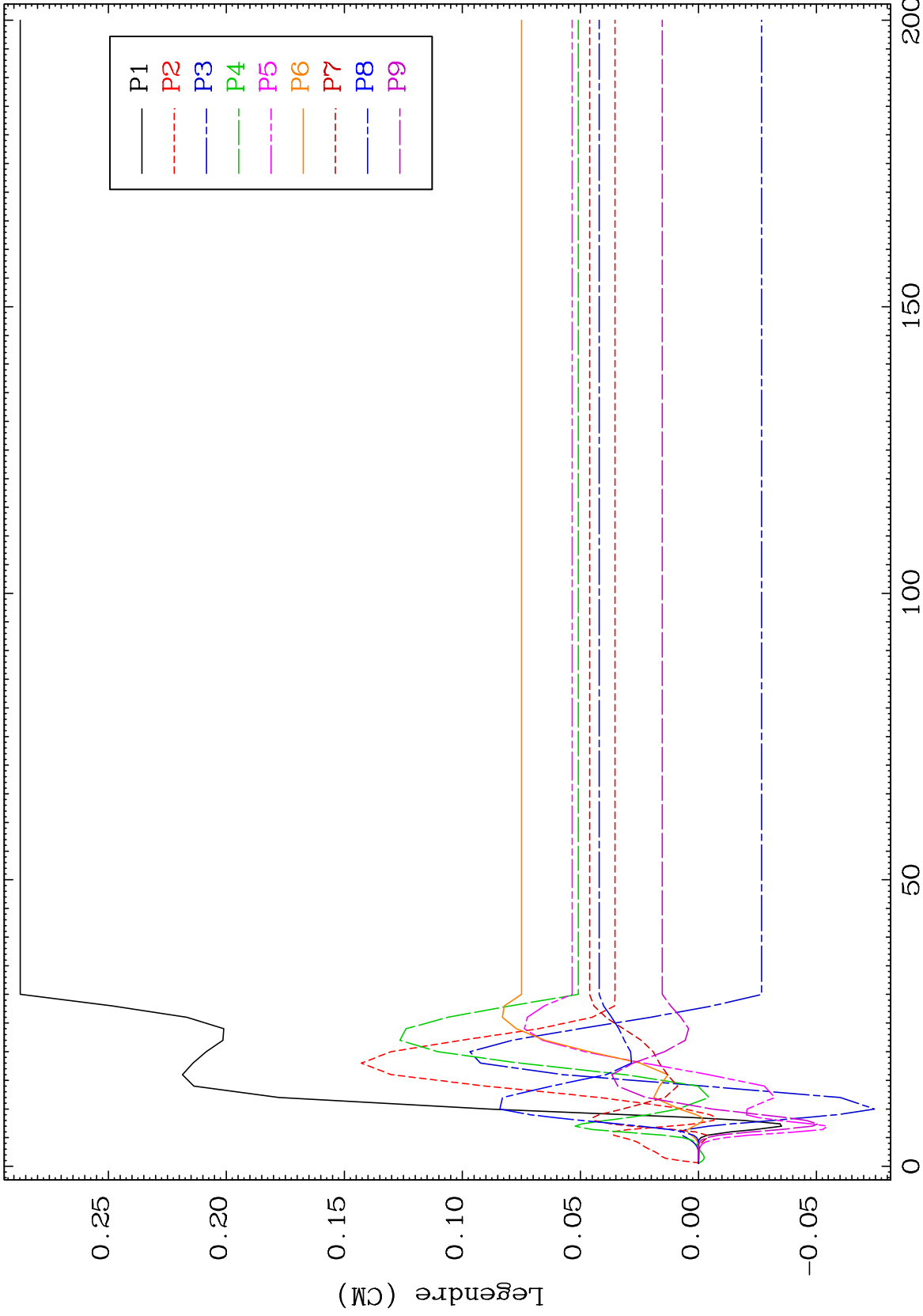
42

57-La-143

MAT 5740

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

57-La-143



43

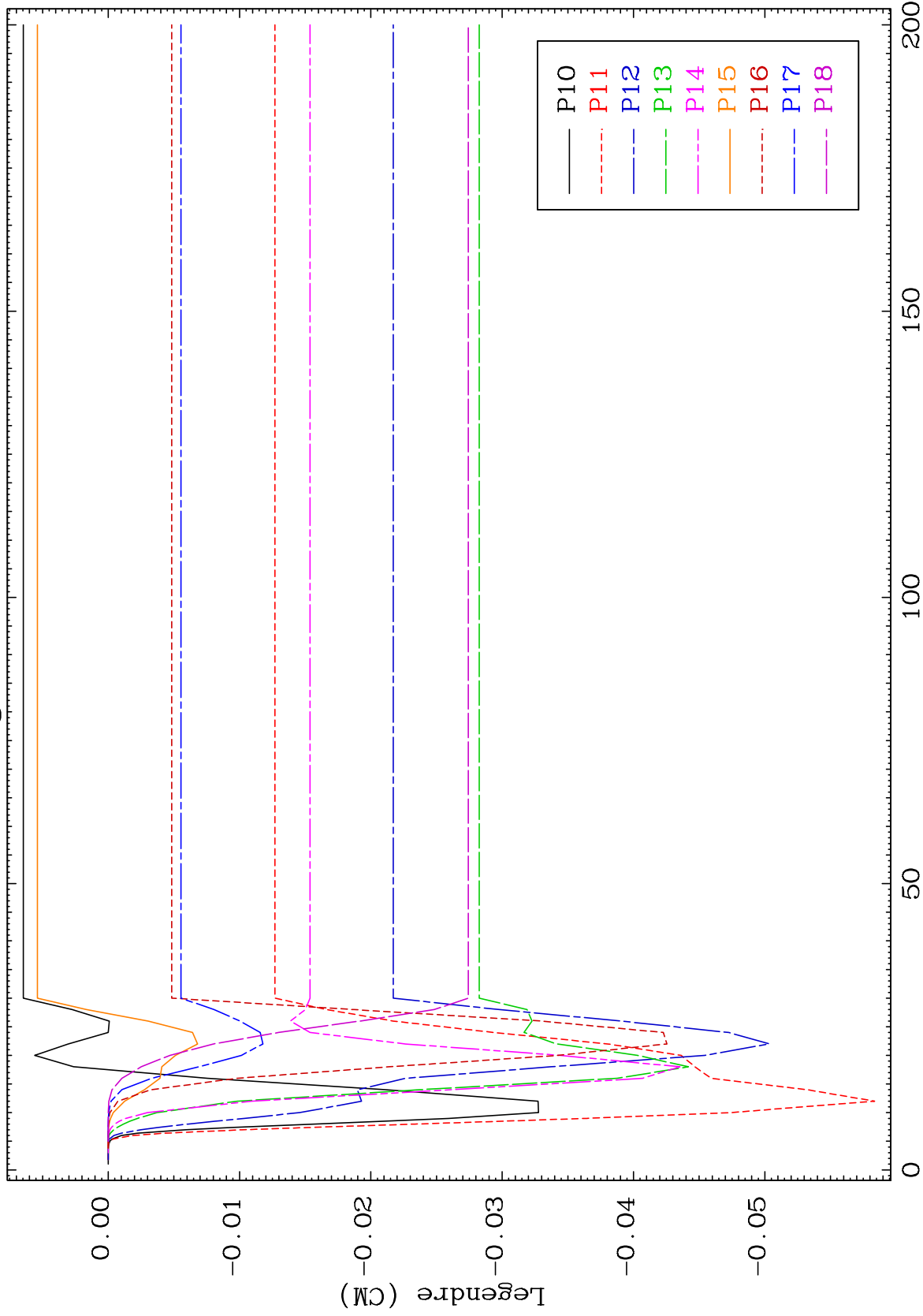
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143

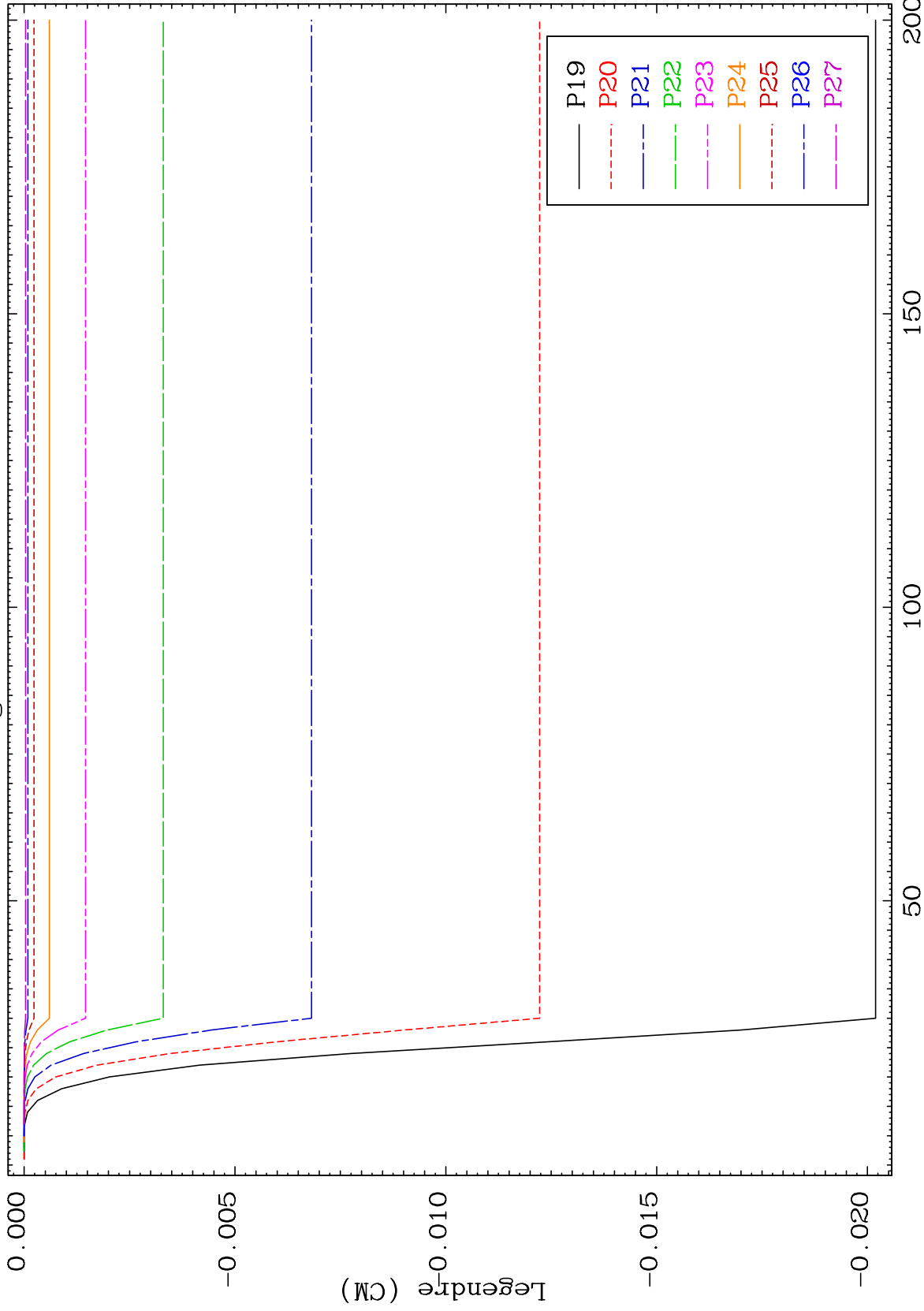


44

Incident Energy (MeV)

57-La-143

MAT 5740 MT= 57 (n,n') Level Legendre Coefficients 57-La-143

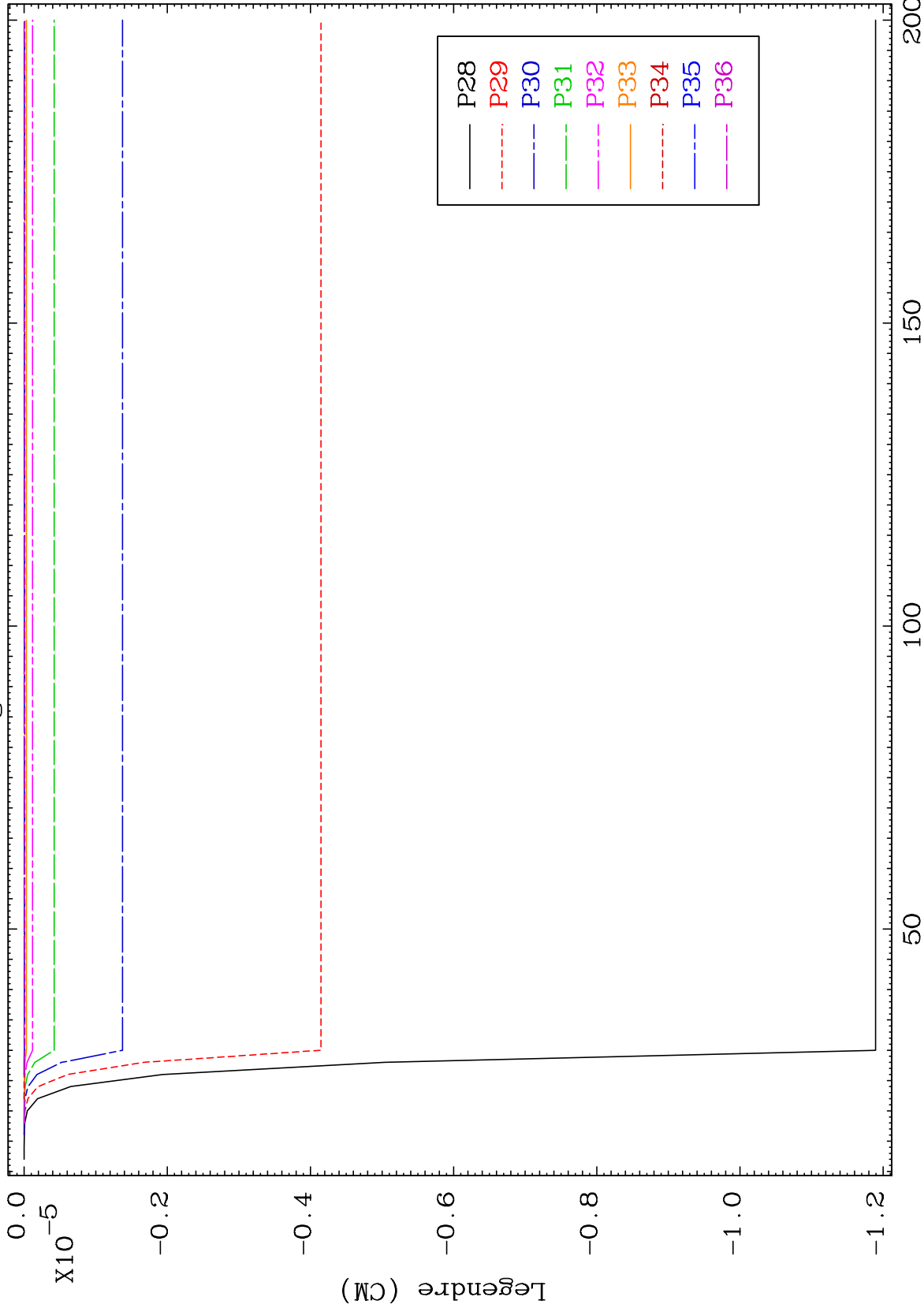


45 Incident Energy (MeV) 57-La-143

MAT 5740

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

57-La-143



46

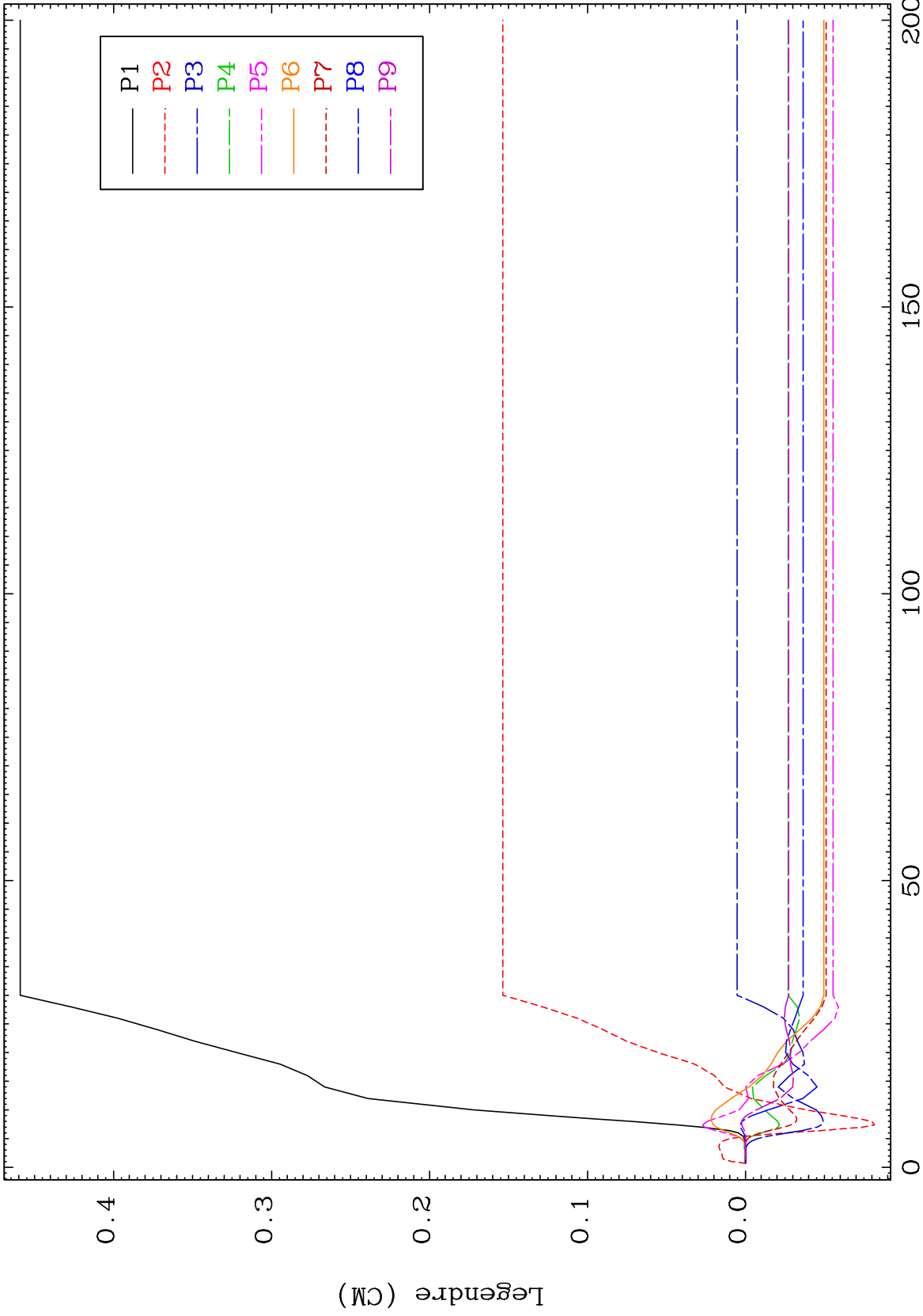
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



47

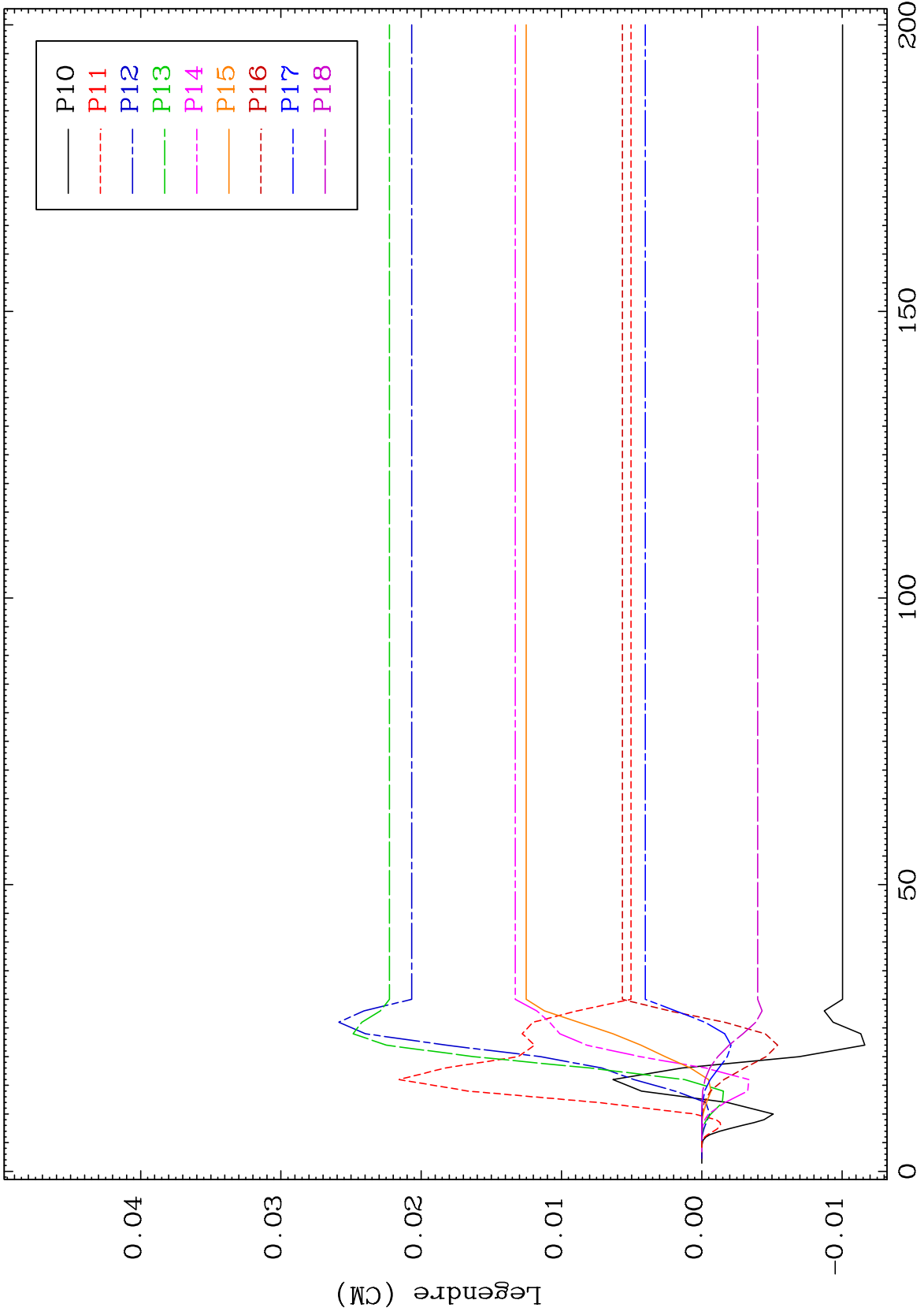
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



48

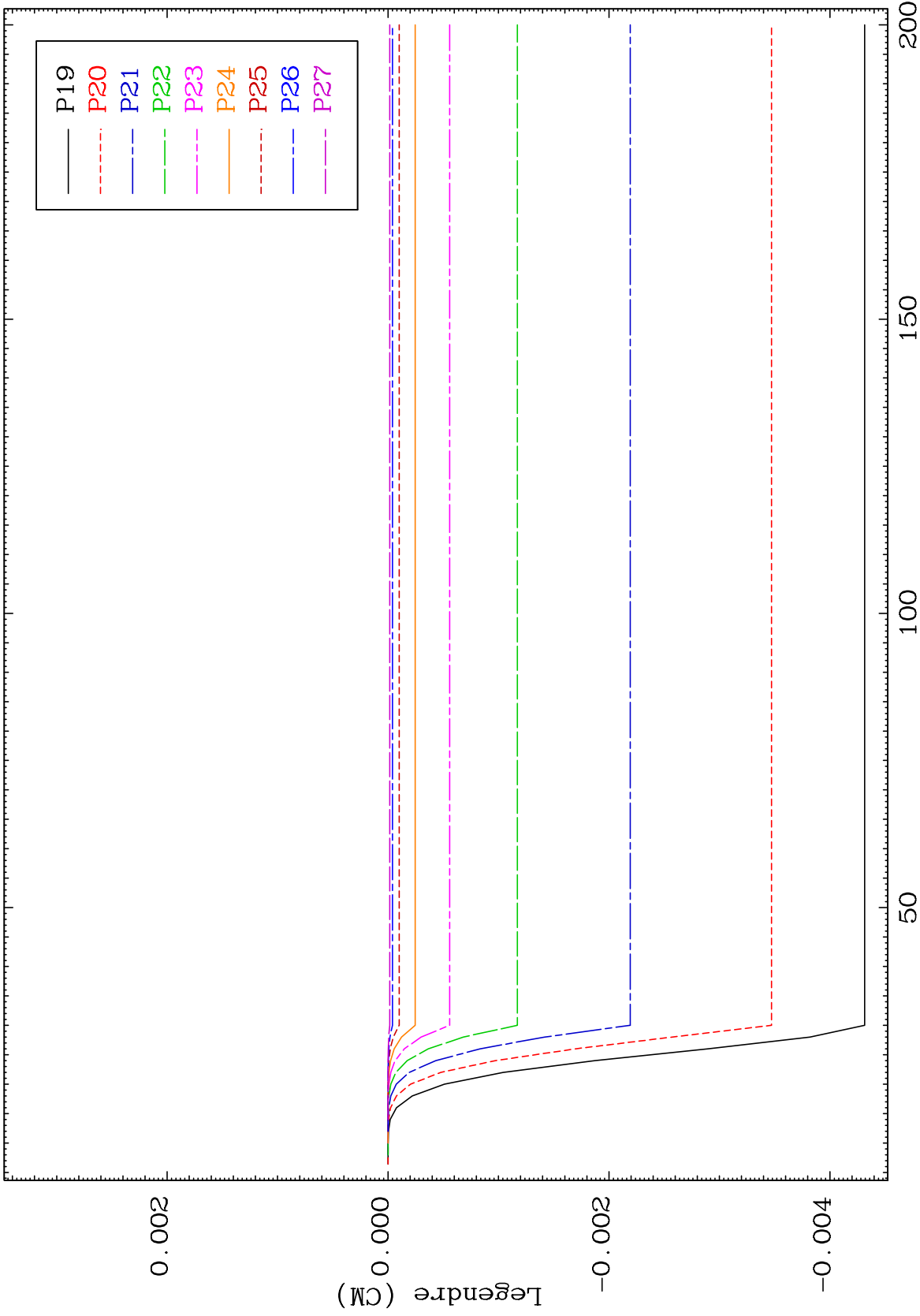
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



49

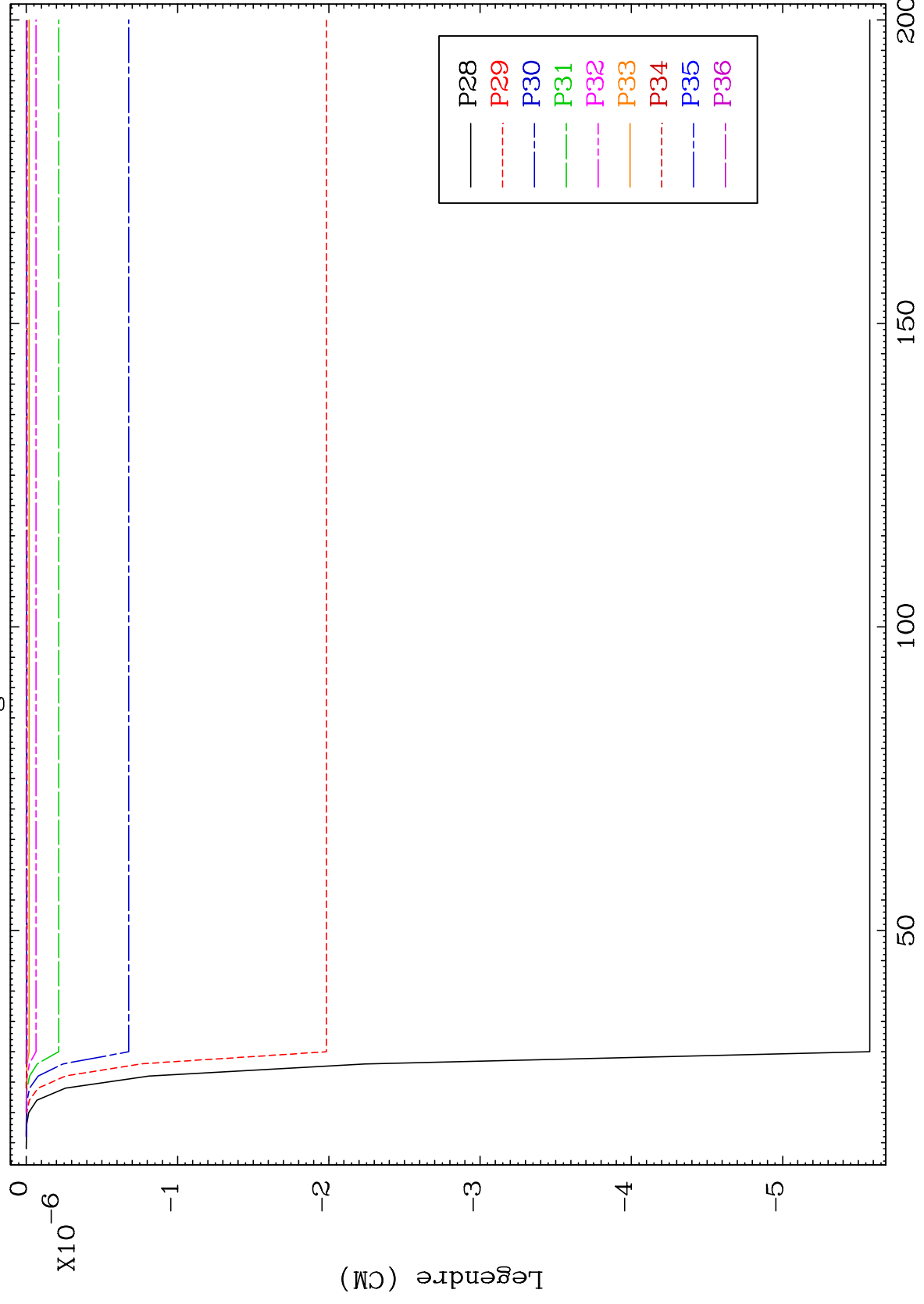
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

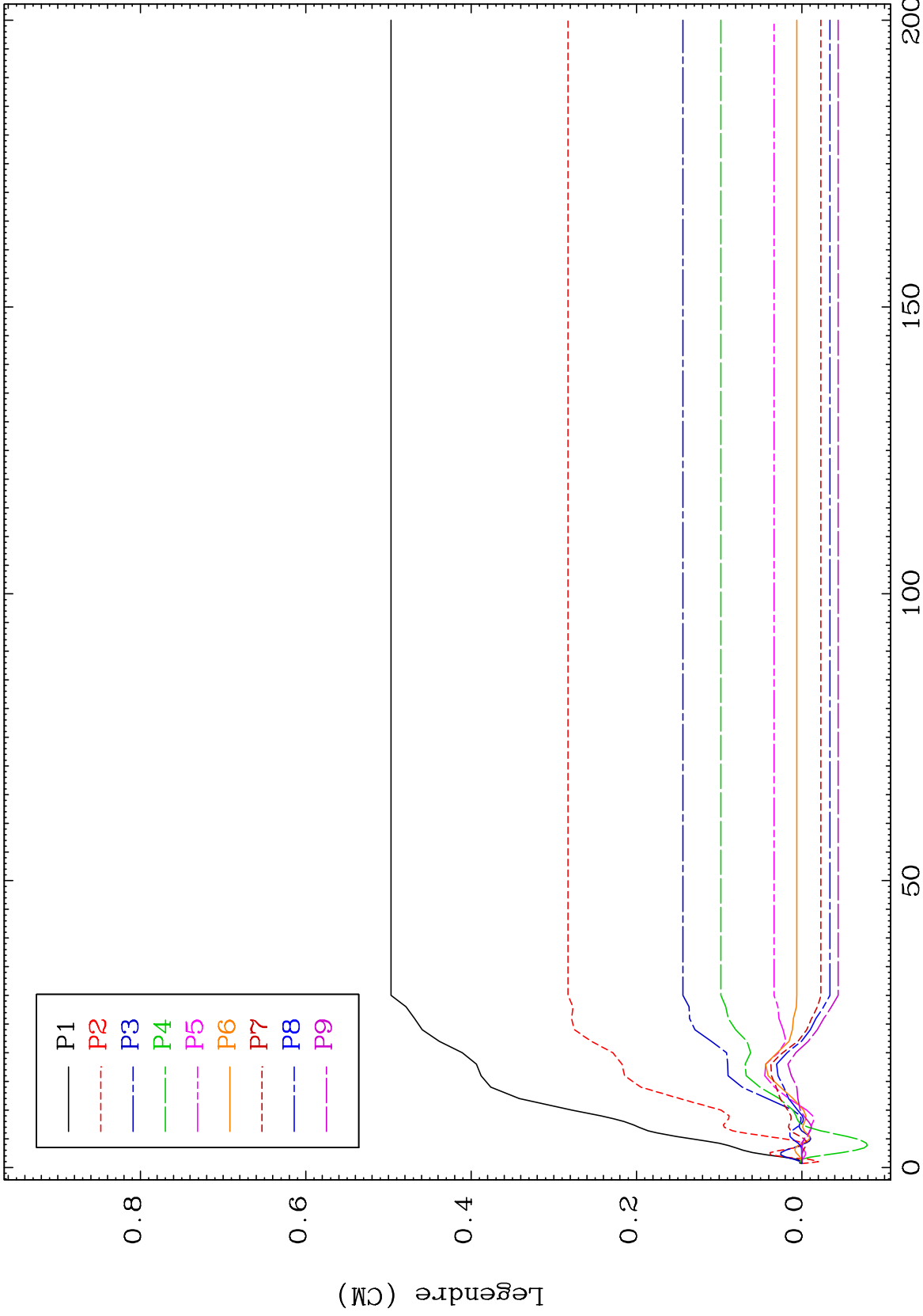
Incident Energy (MeV)

50

MAT 5740

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

57-La-143



51

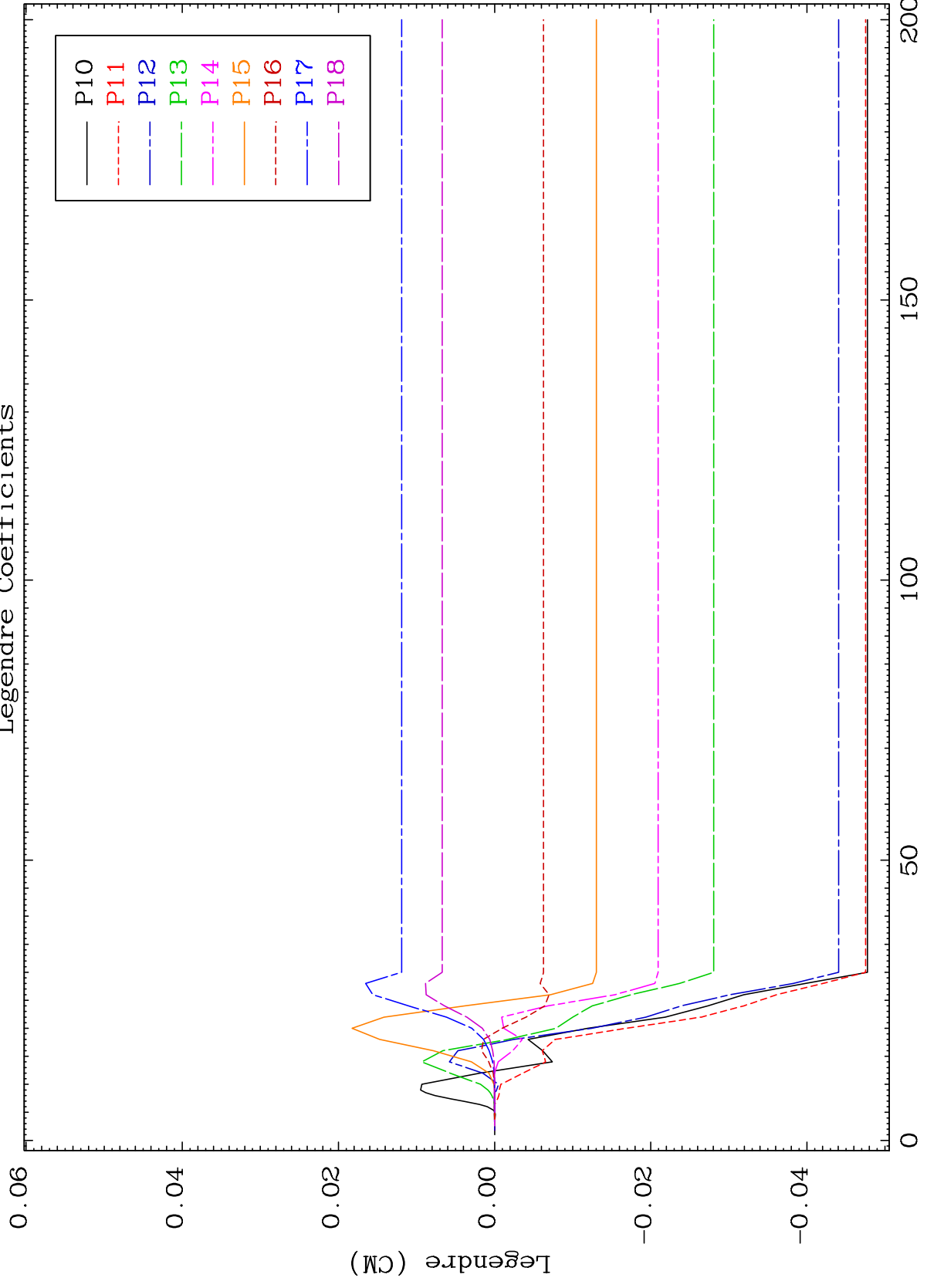
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

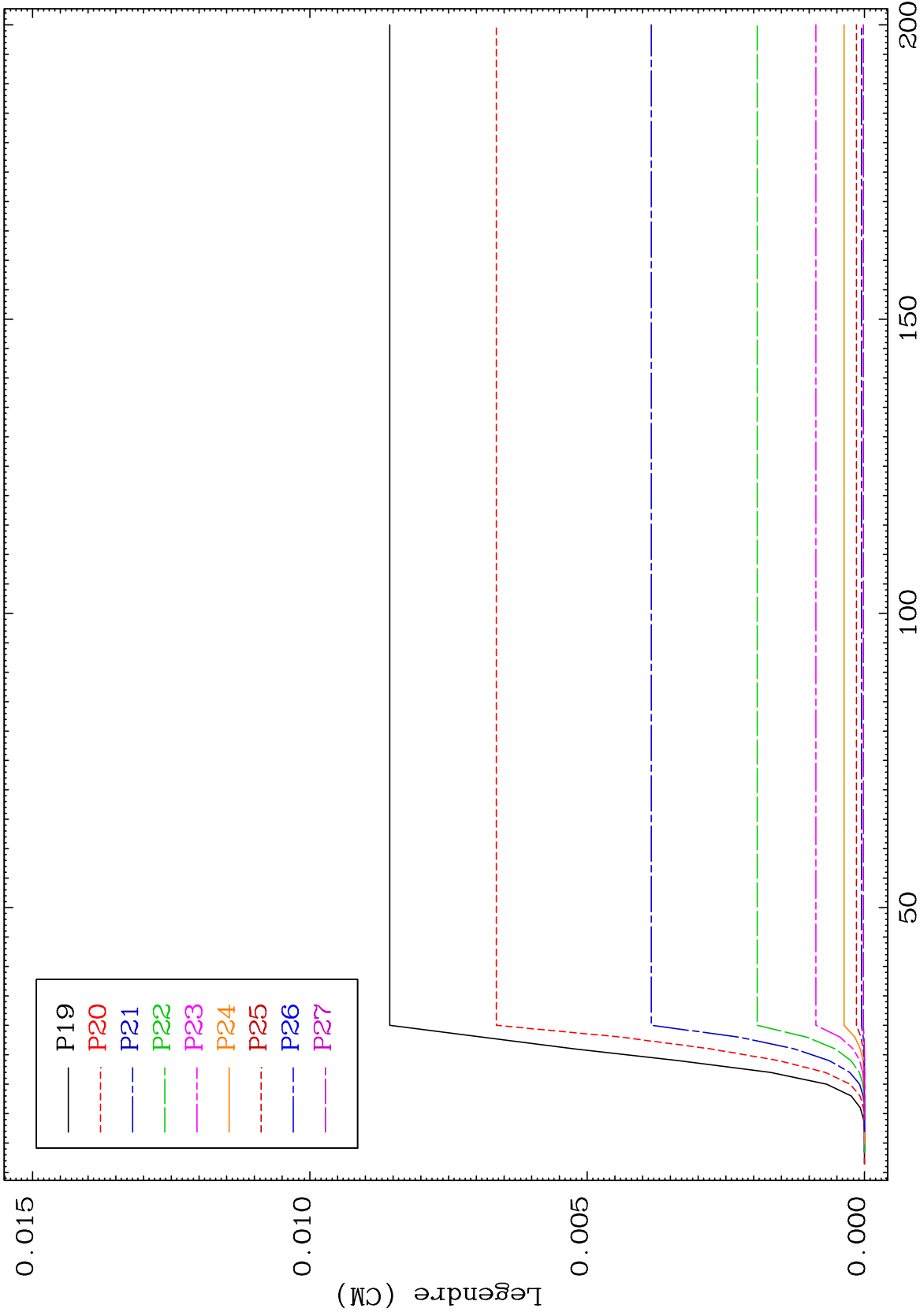
Incident Energy (MeV)

52

MAT 5740

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

57-La-143



53

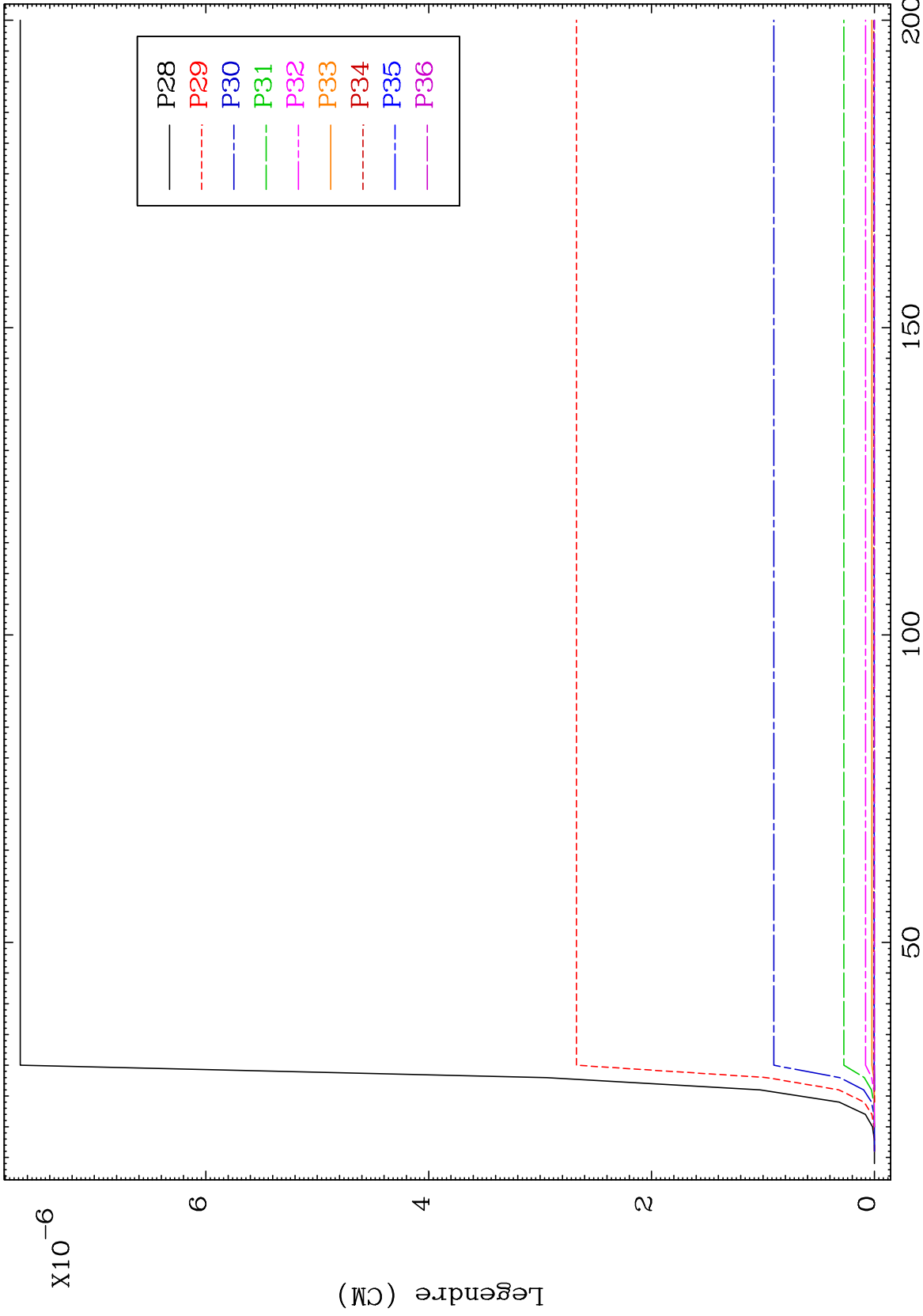
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



54

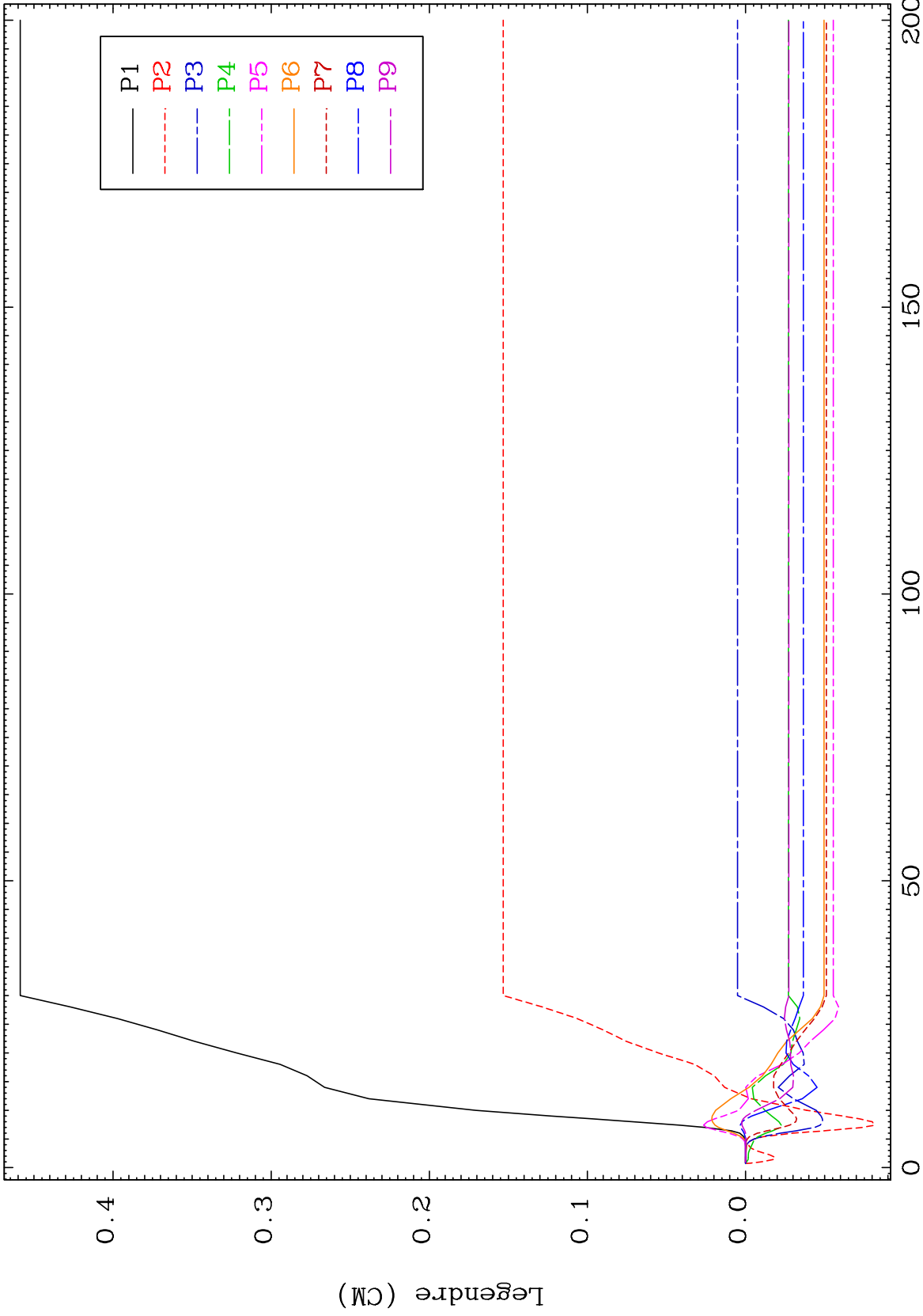
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



55

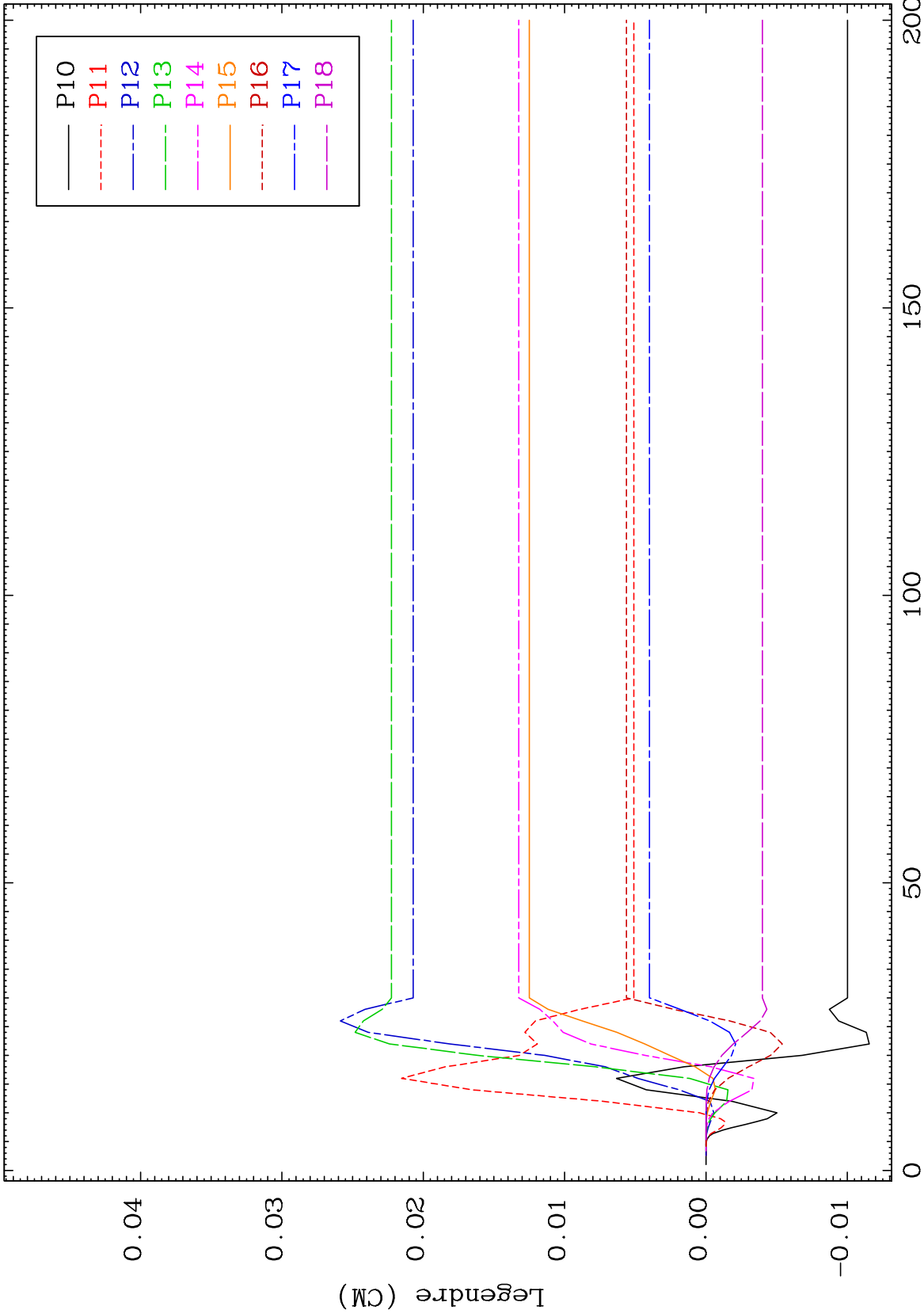
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



56

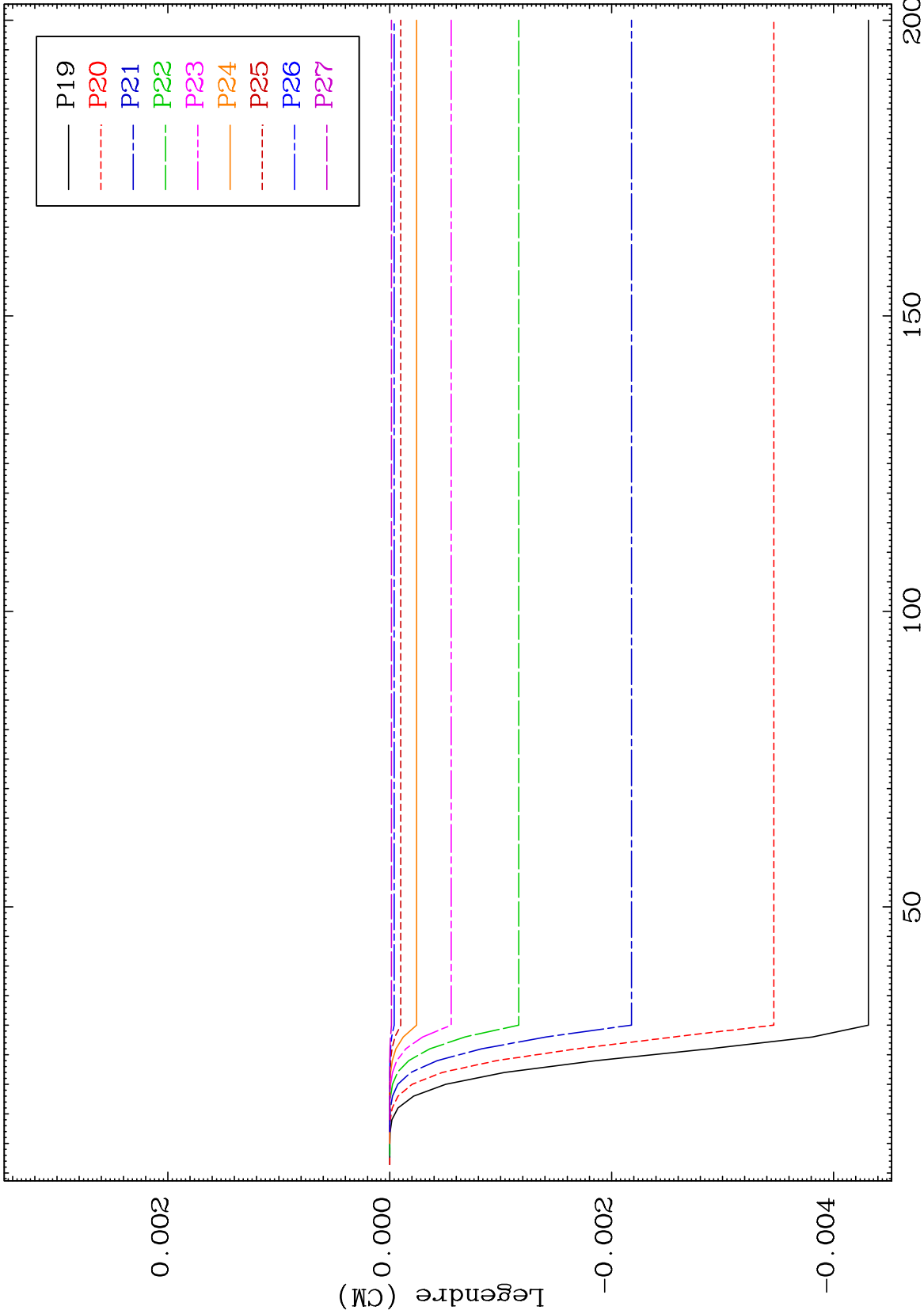
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57

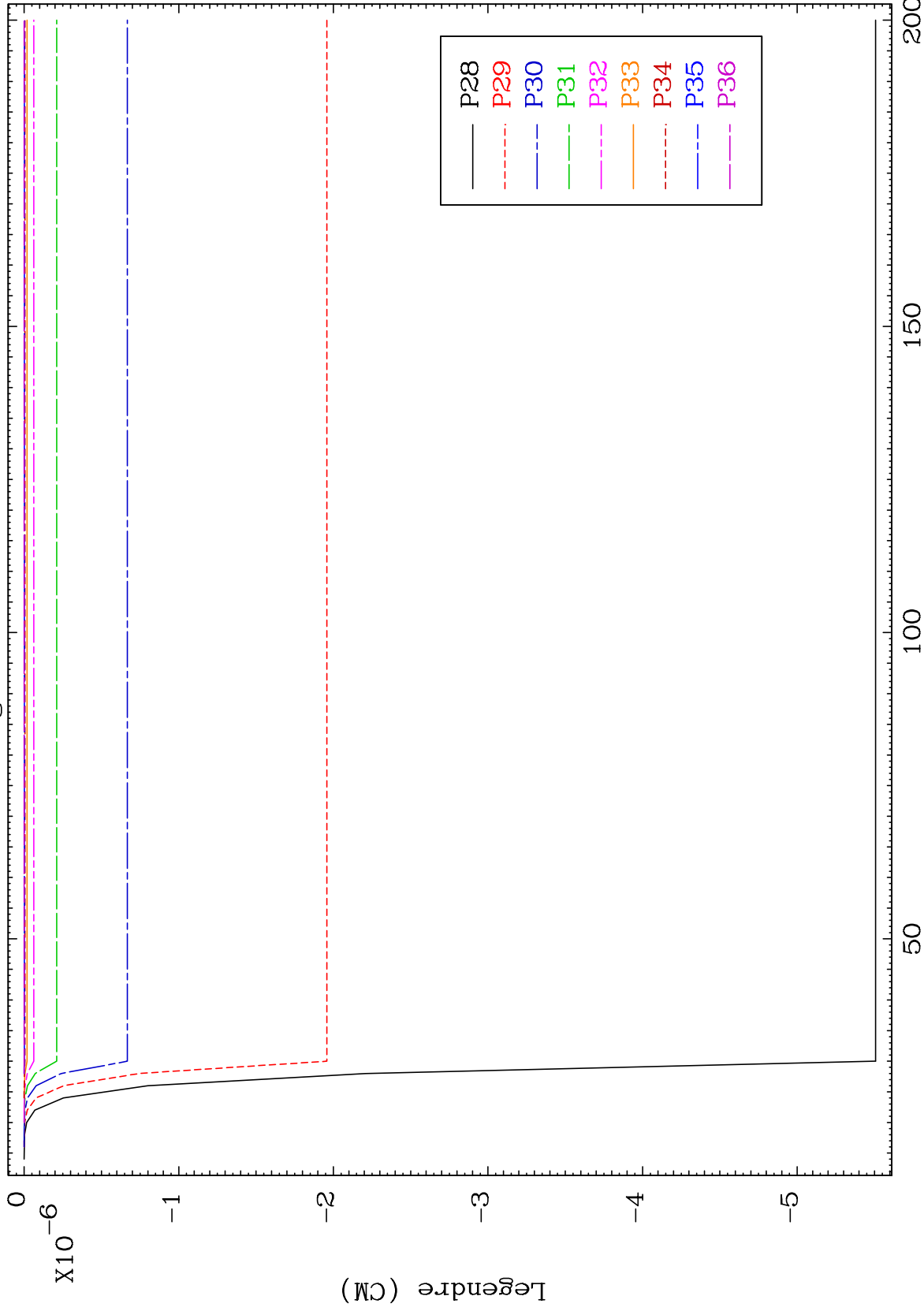
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



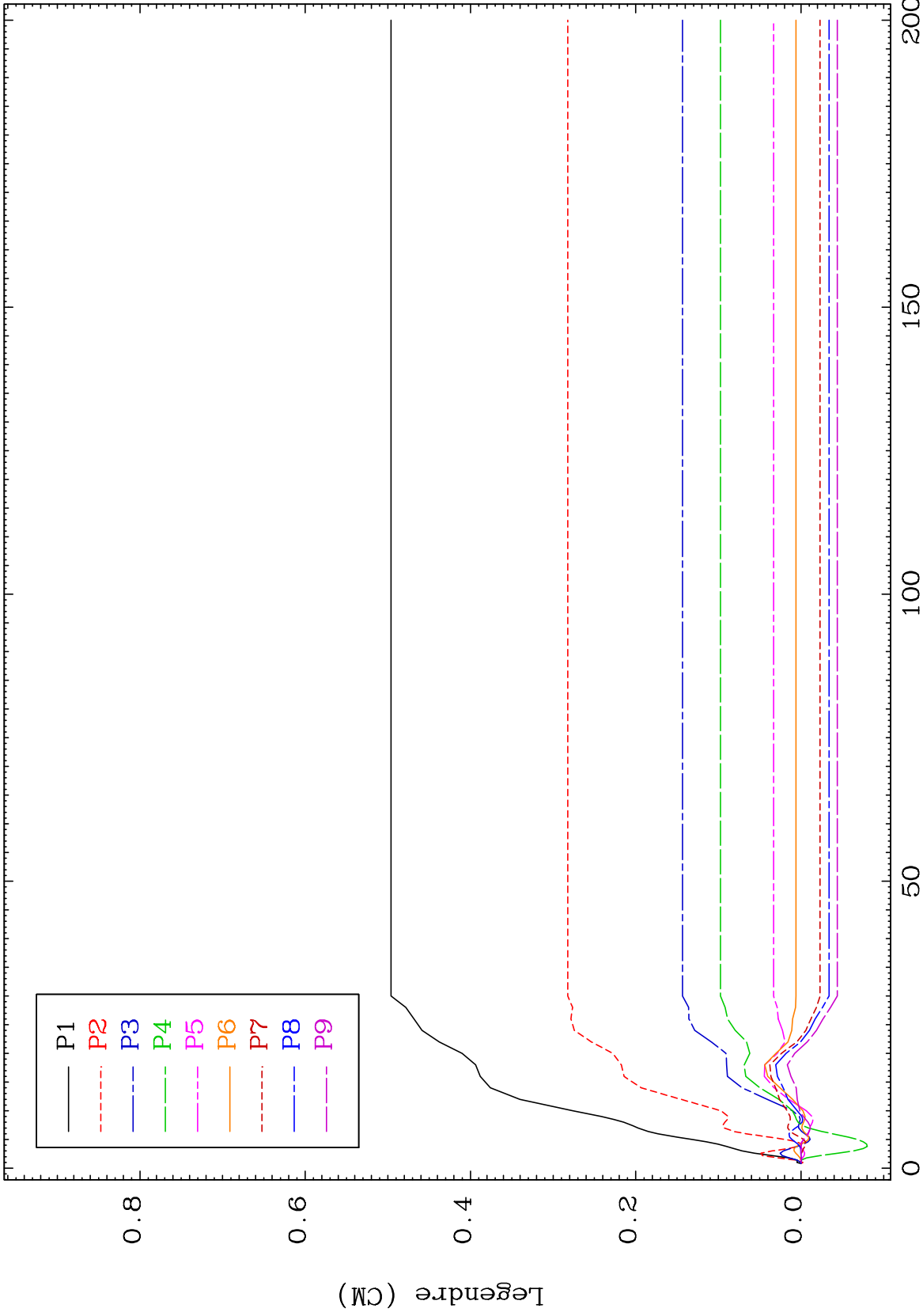
58

57-La-143

MAT 5740

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

57-La-143

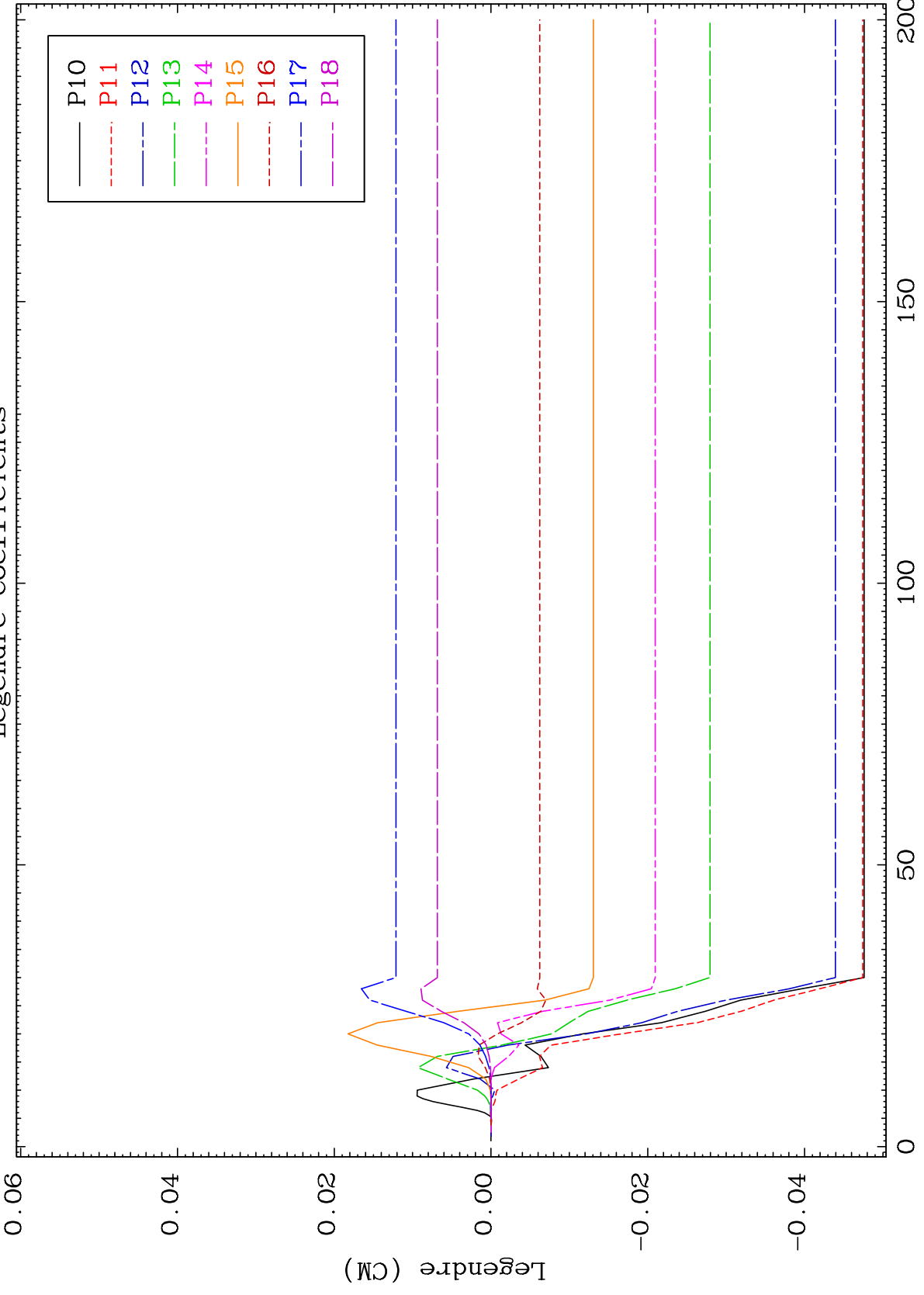


59

Incident Energy (MeV)

57-La-143

MAT 5740 MT= 61 (n,n') Level Legendre Coefficients 57-La-143

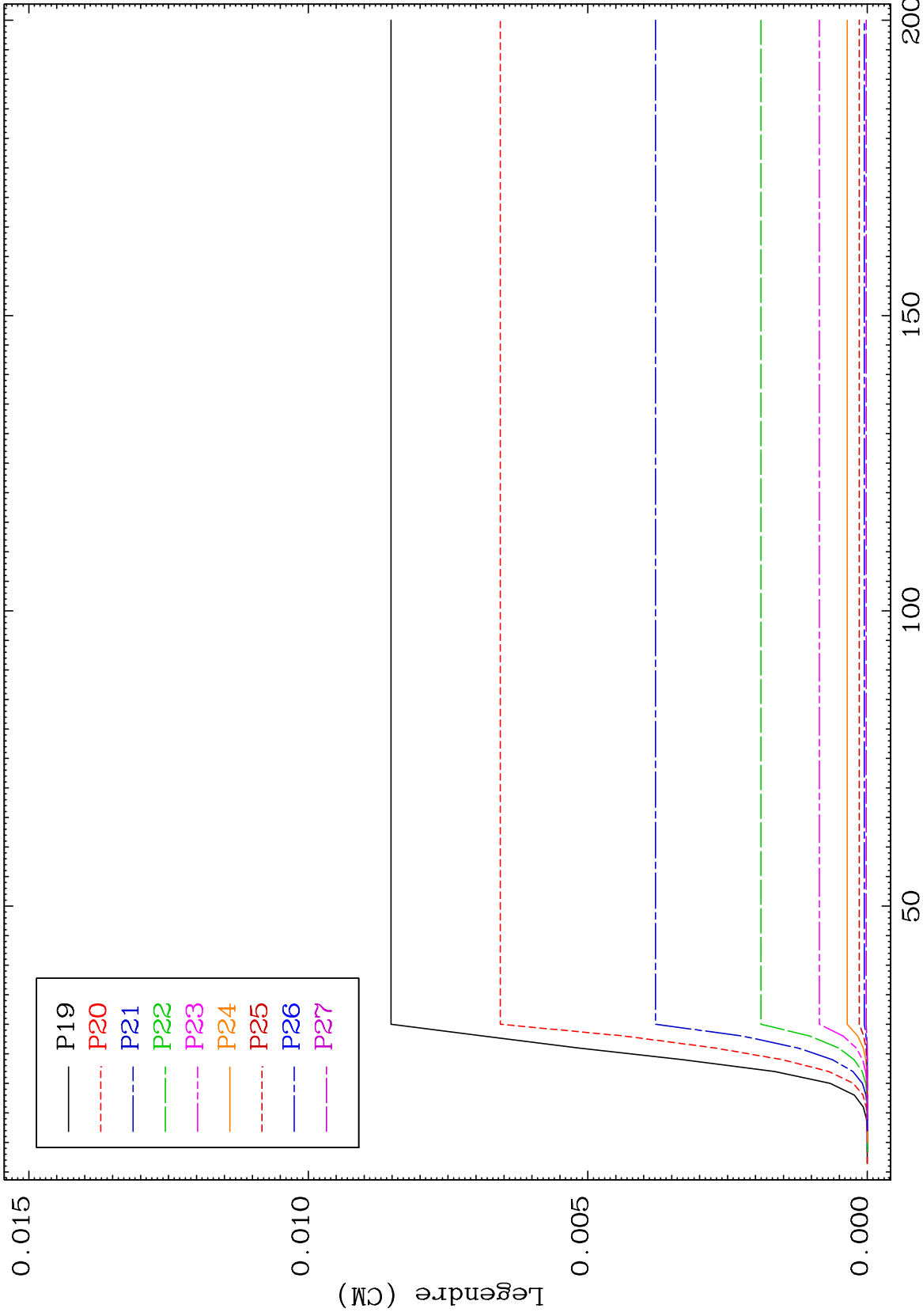


60 Incident Energy (MeV) 57-La-143

MAT 5740

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

57-La-143



61

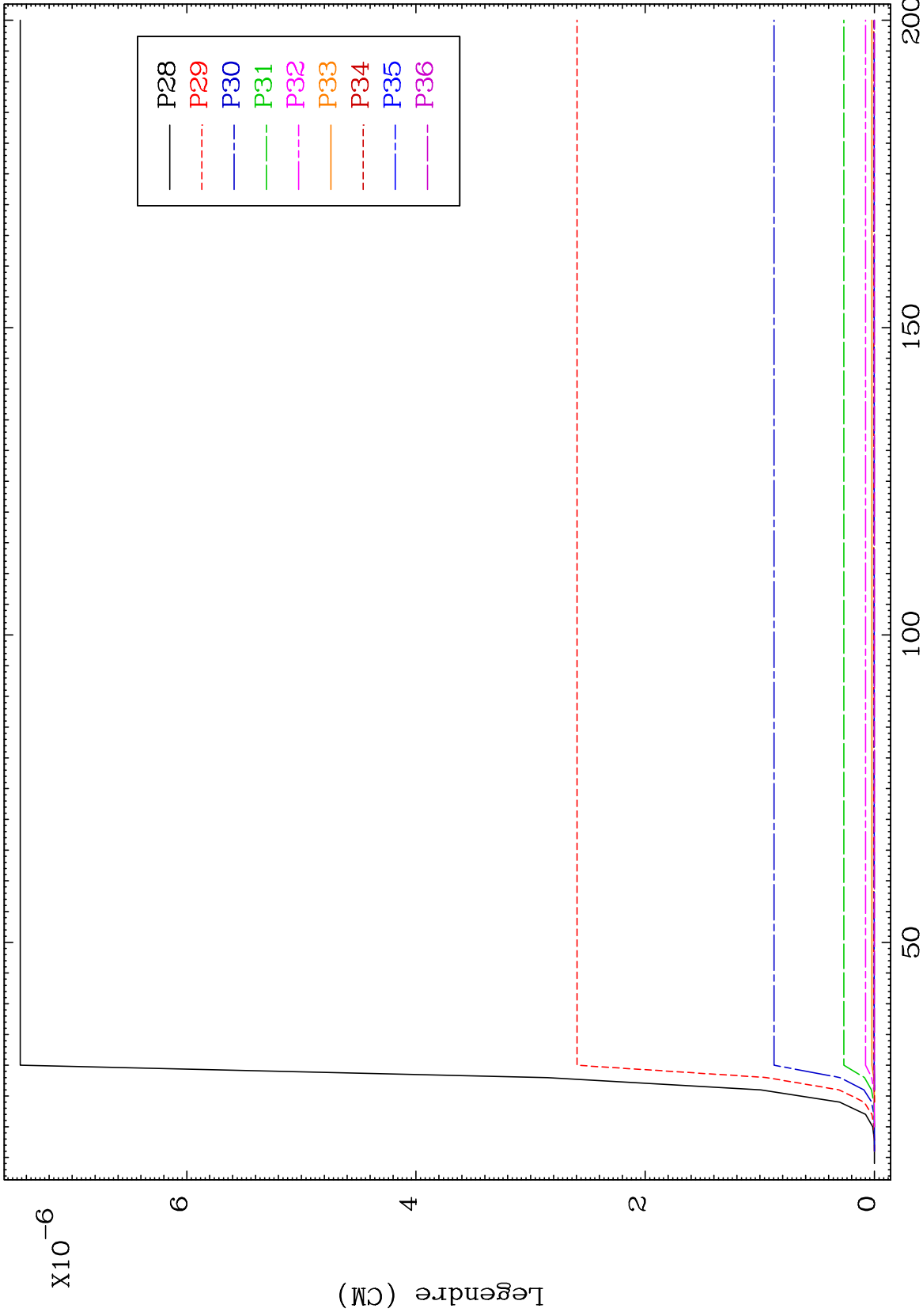
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



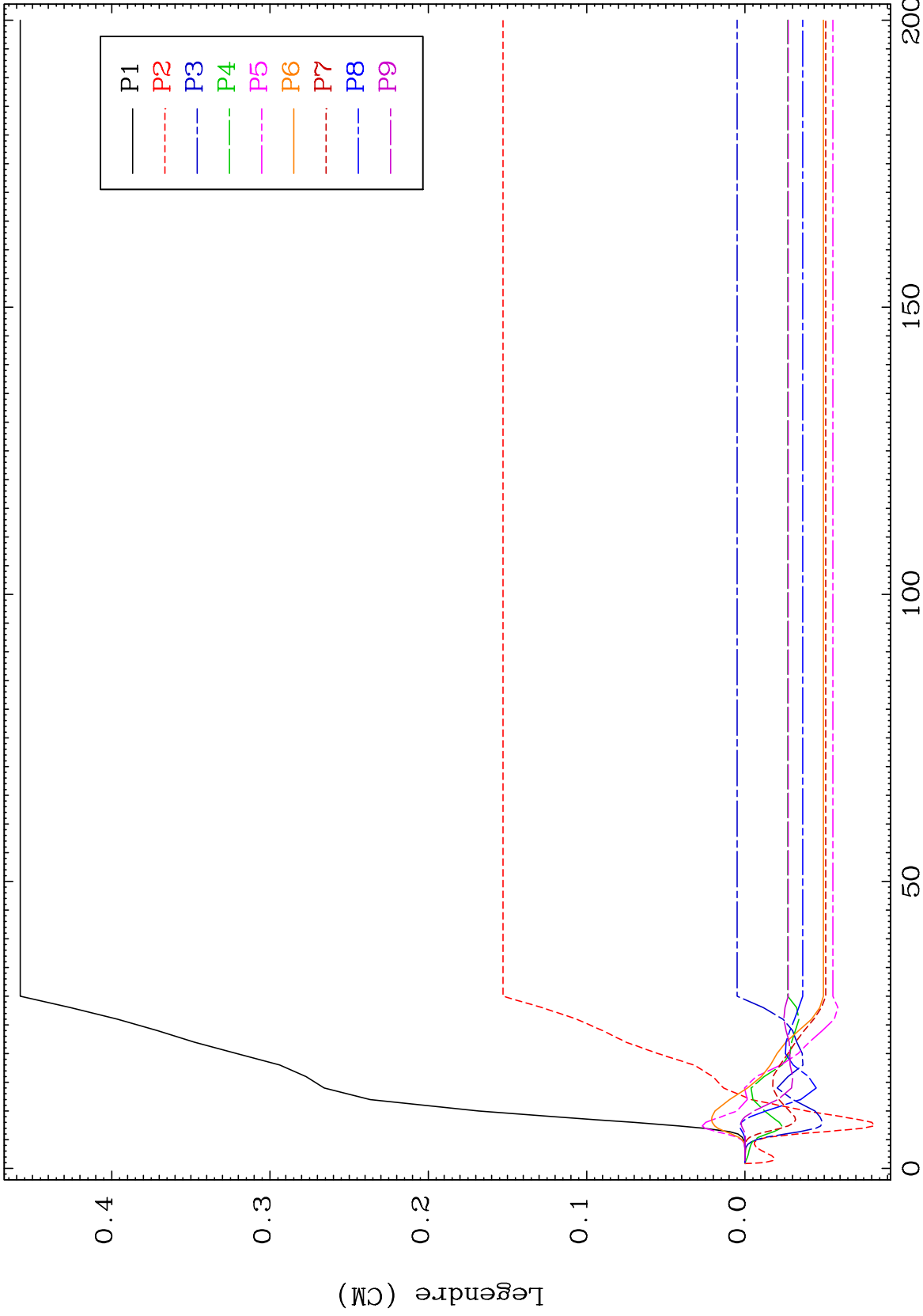
62

57-La-143

MAT 5740

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

57-La-143



63

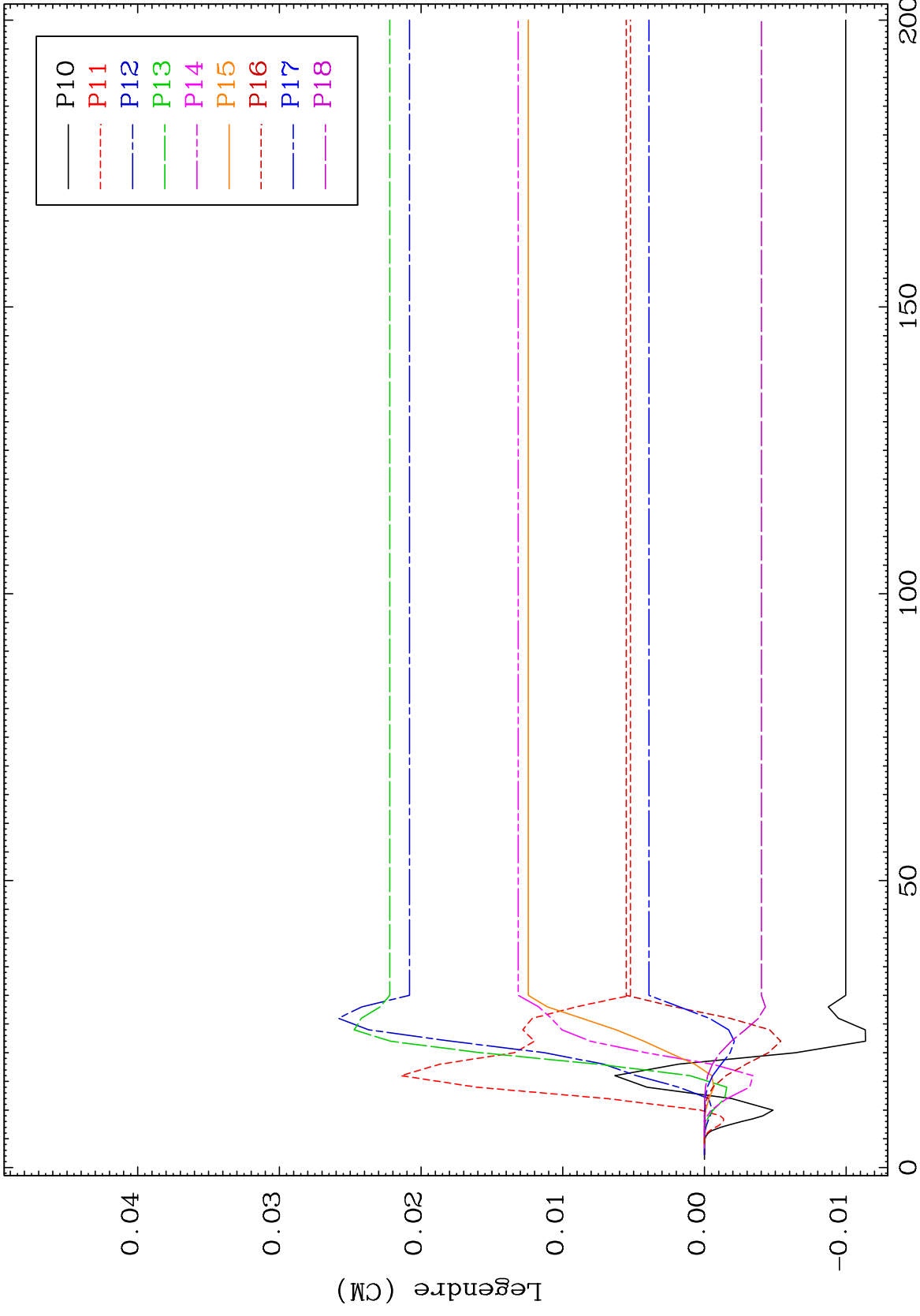
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



64

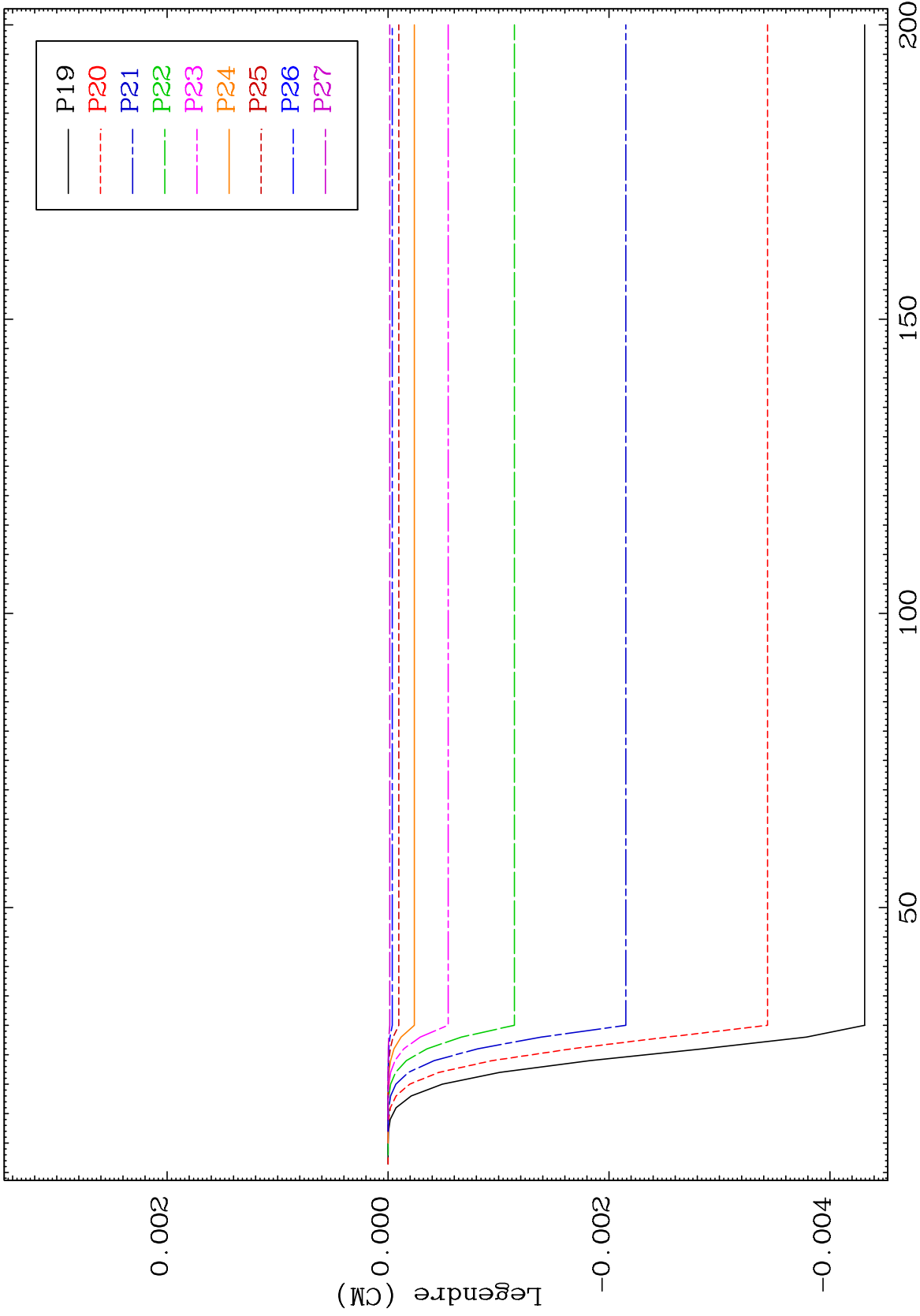
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



65

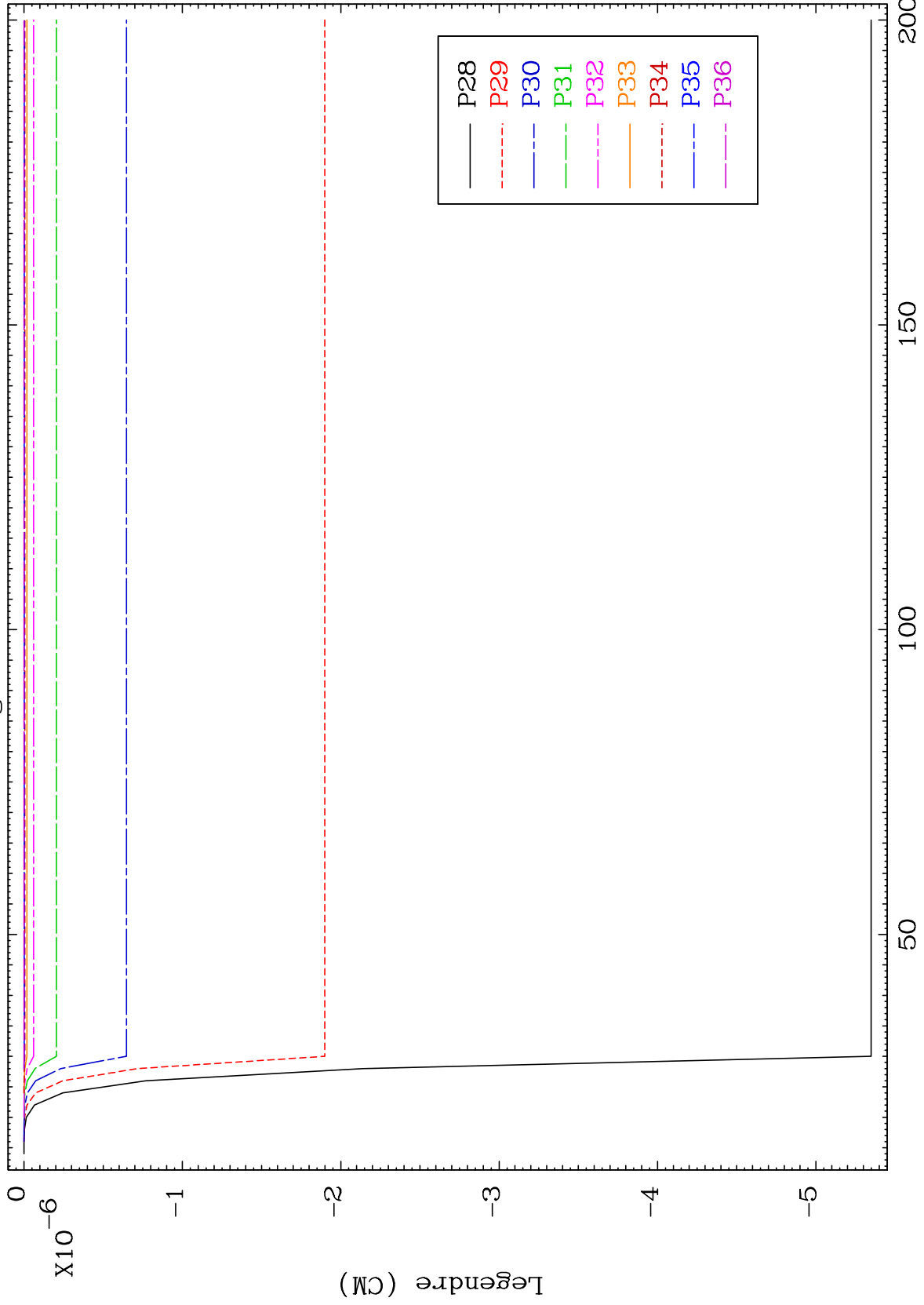
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

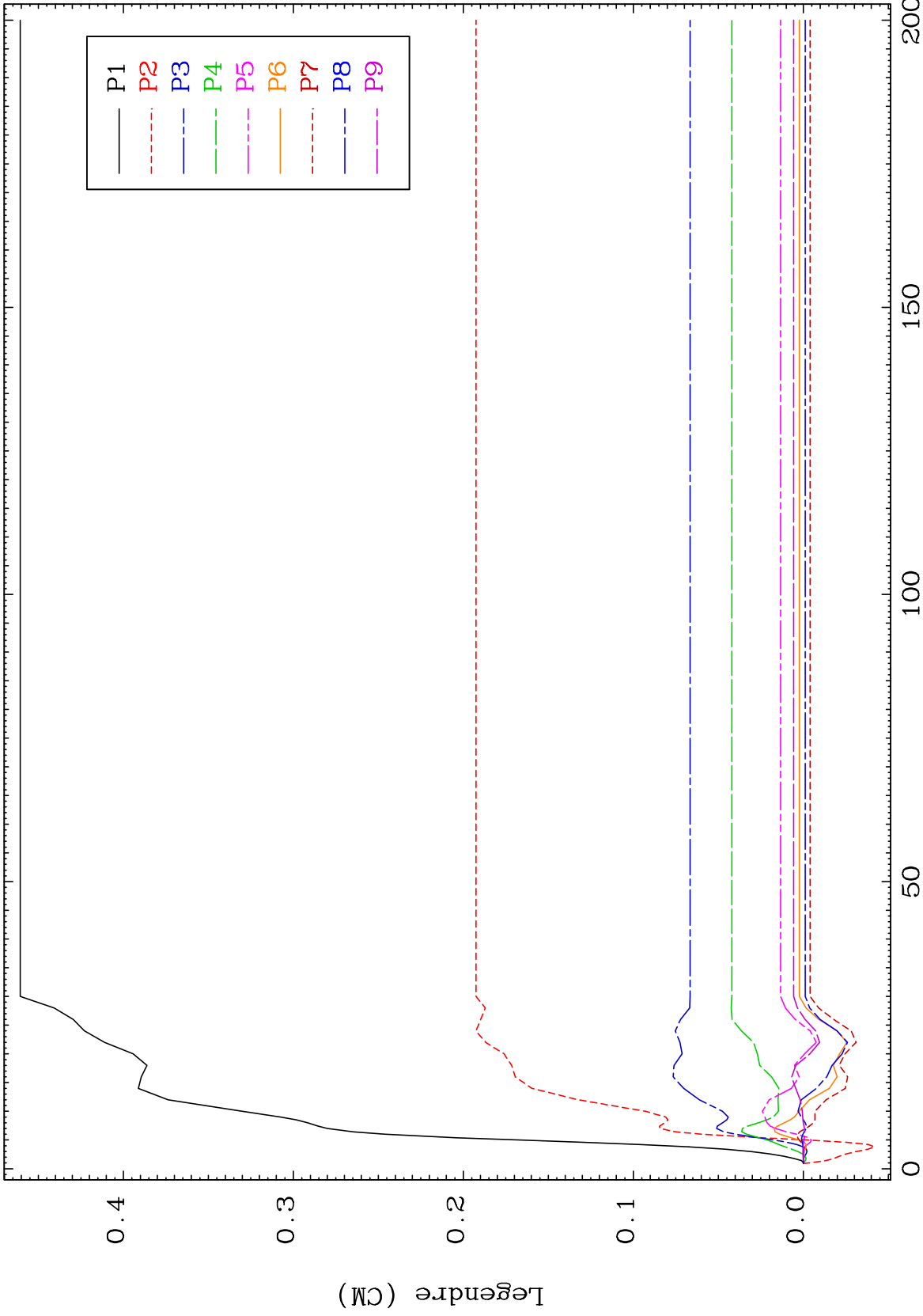
Incident Energy (MeV)

66

MAT 5740

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

57-La-143



67

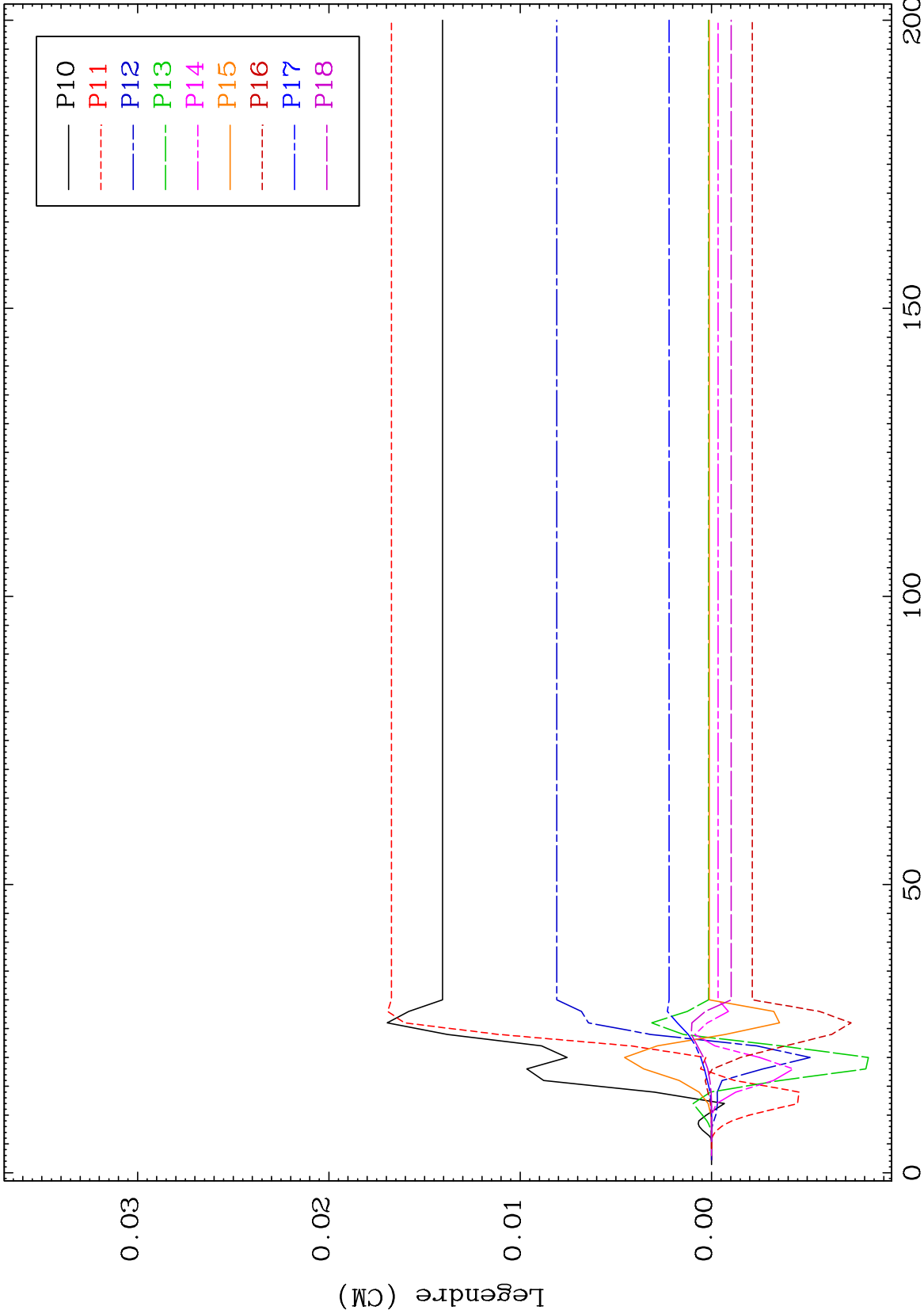
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



68

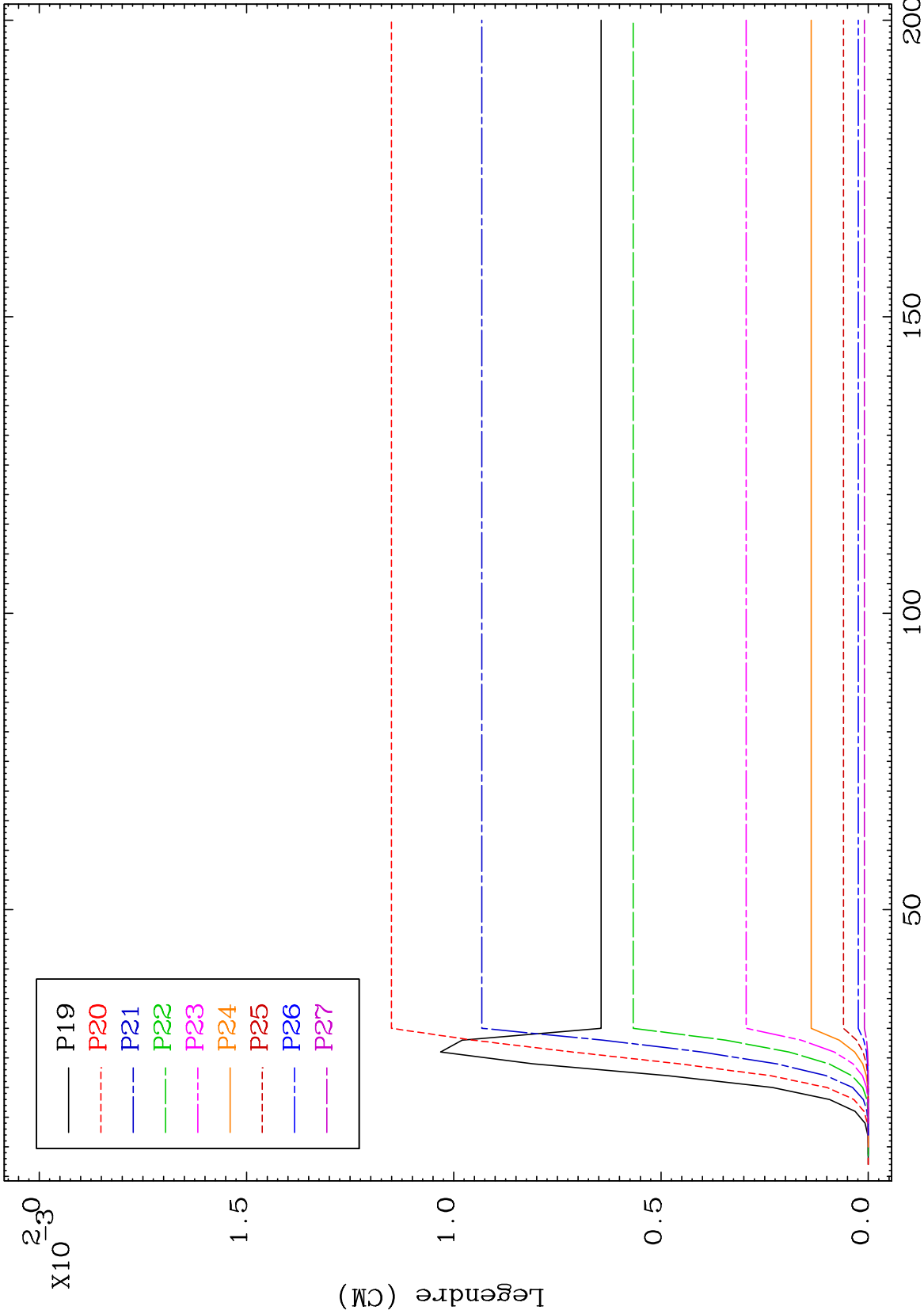
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



69

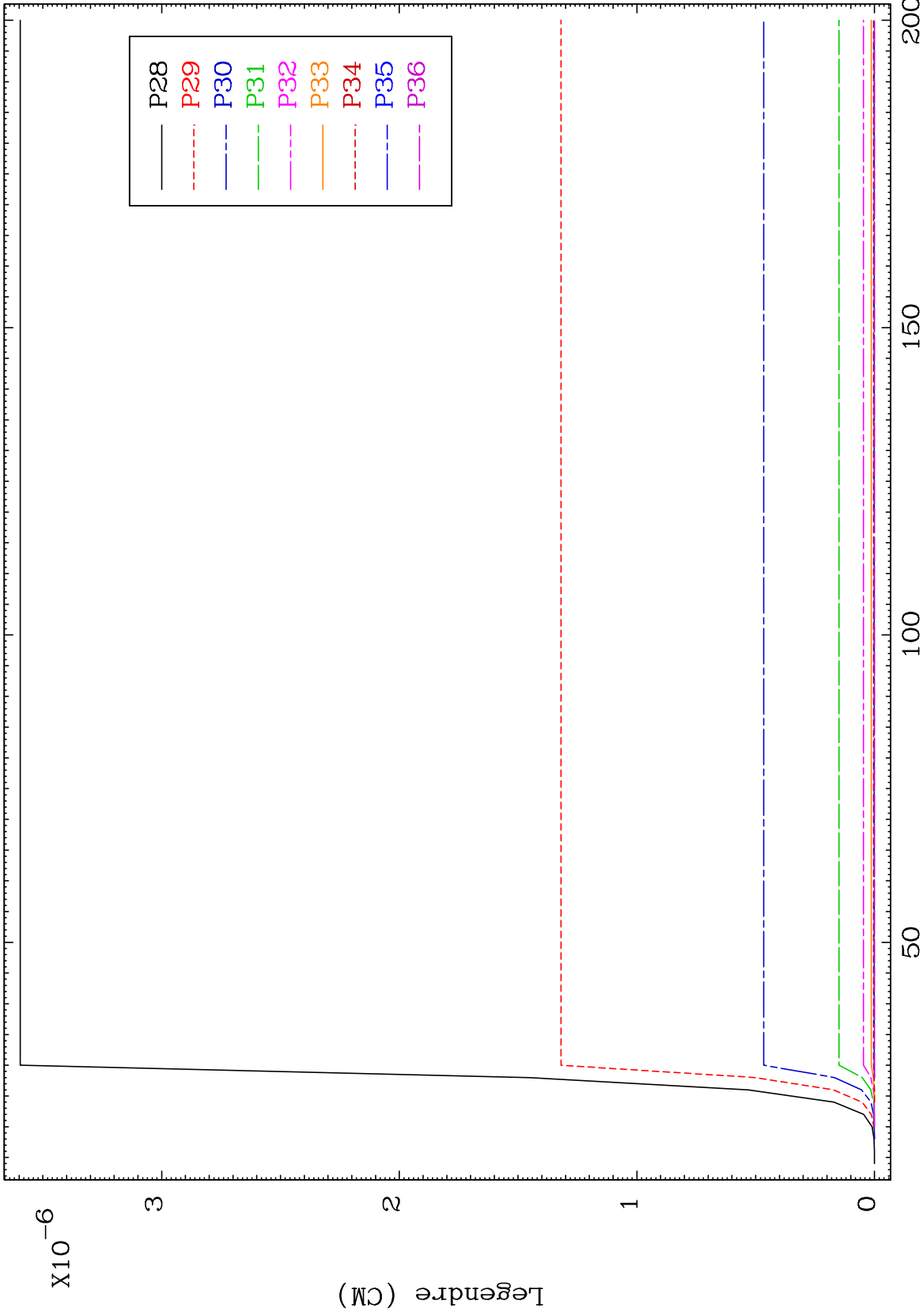
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



70

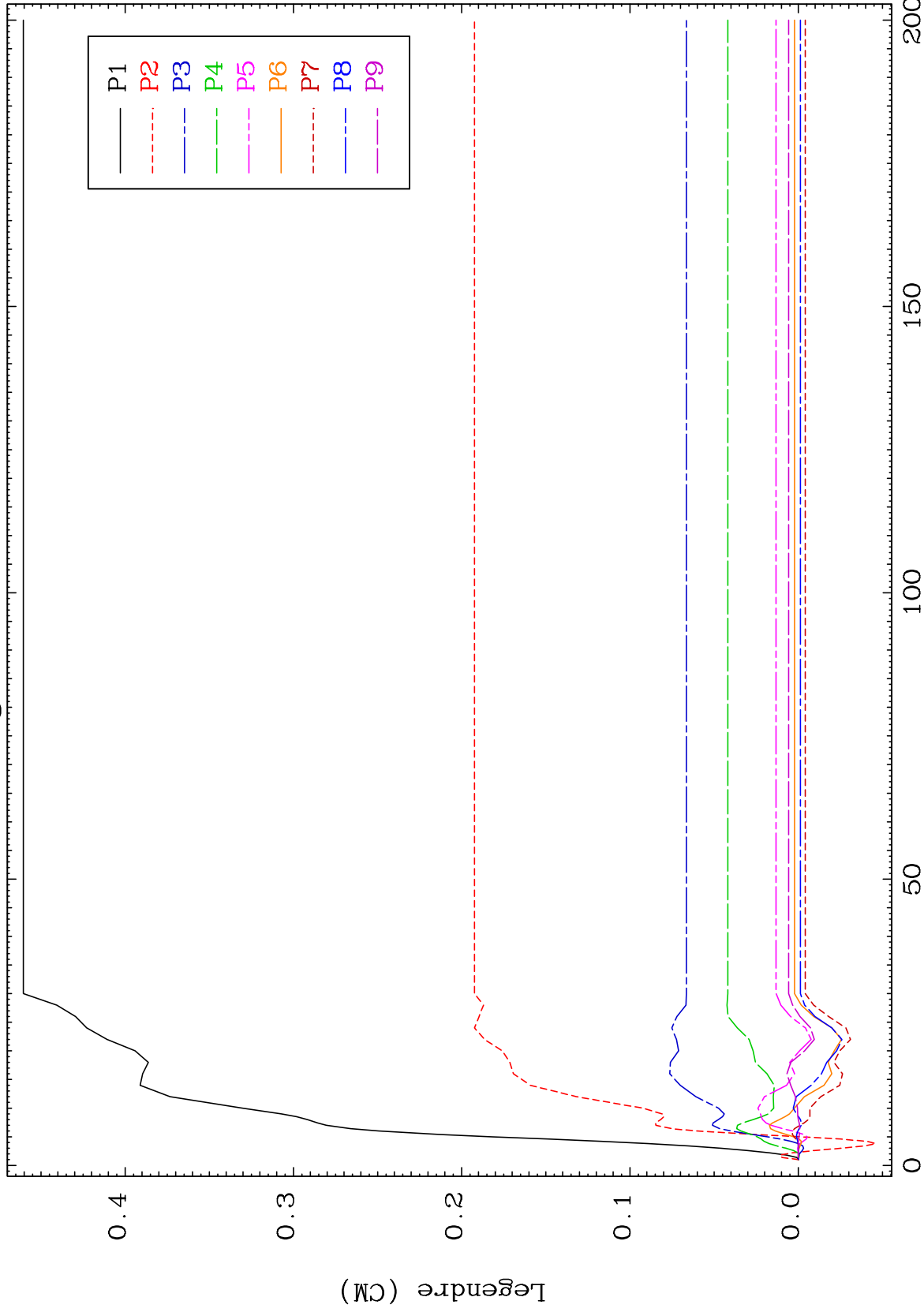
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



71

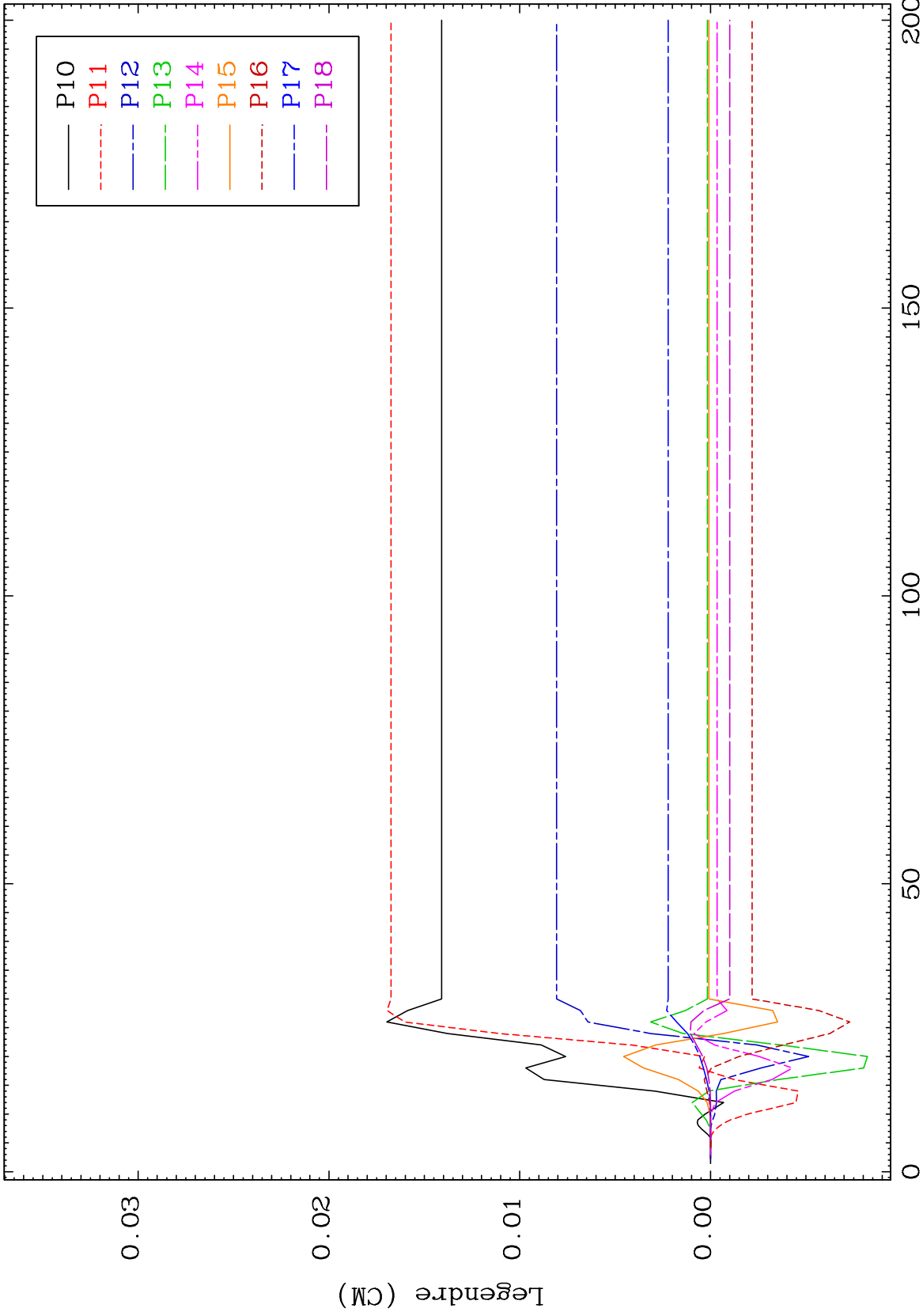
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



72

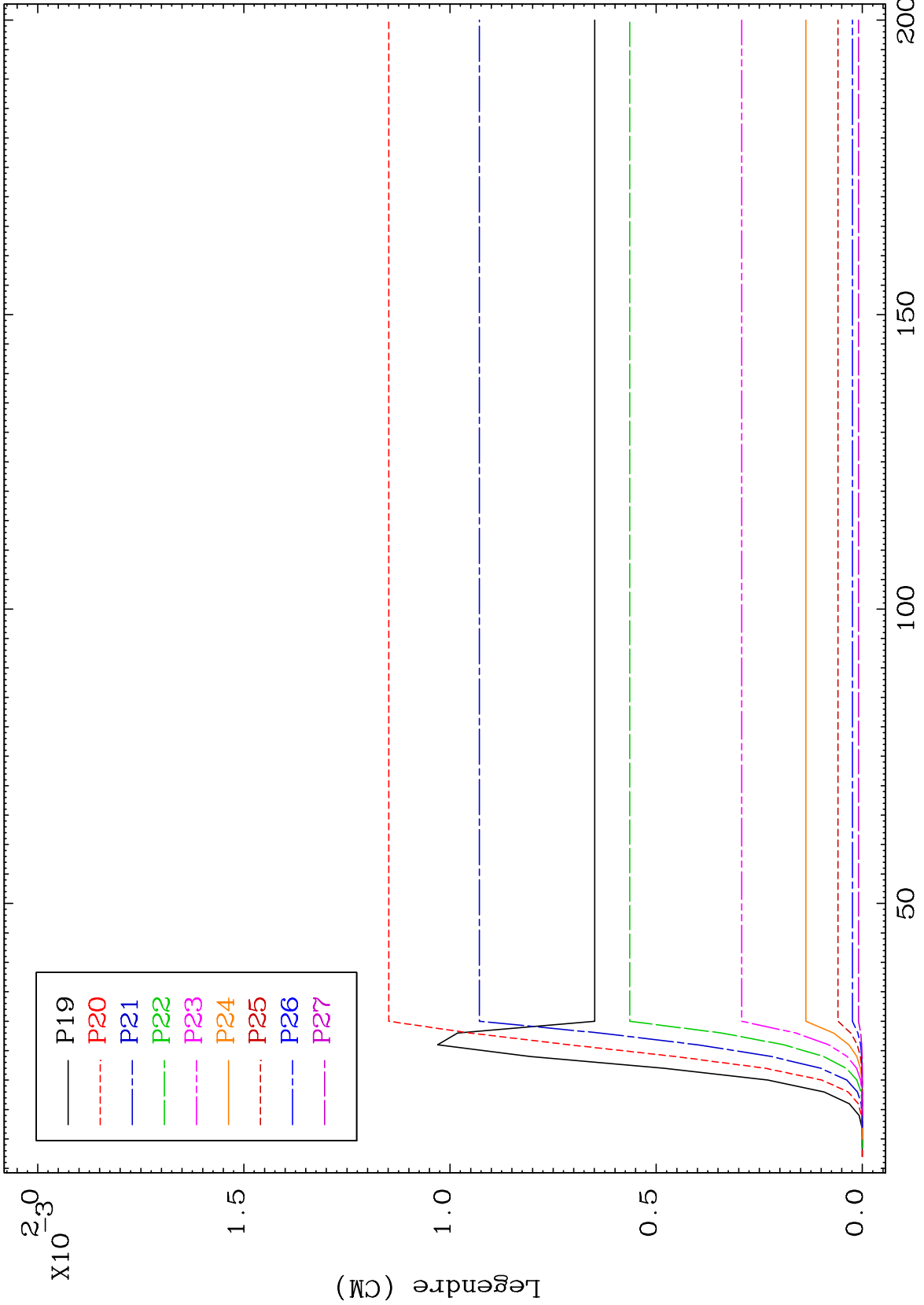
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



73

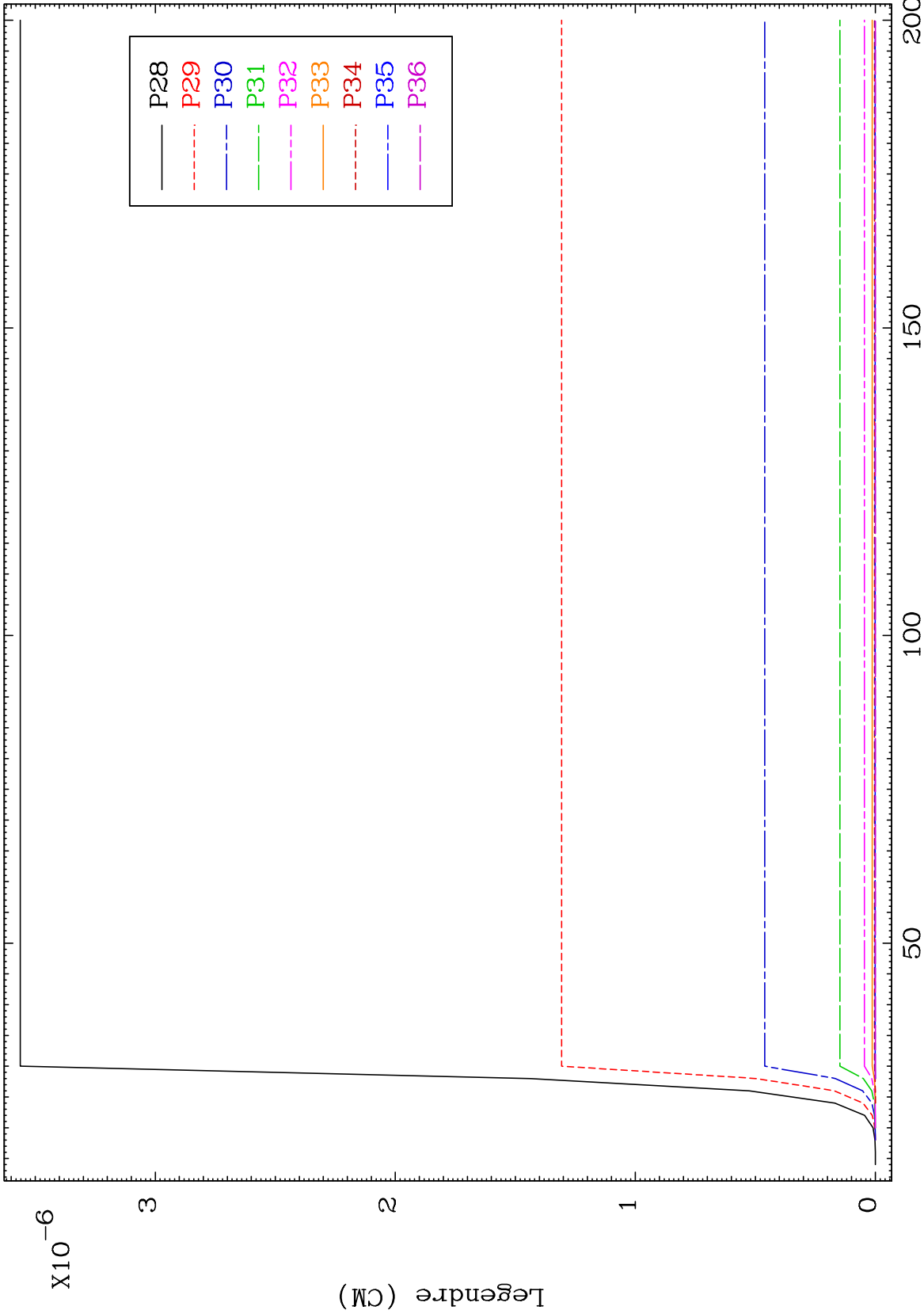
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



74

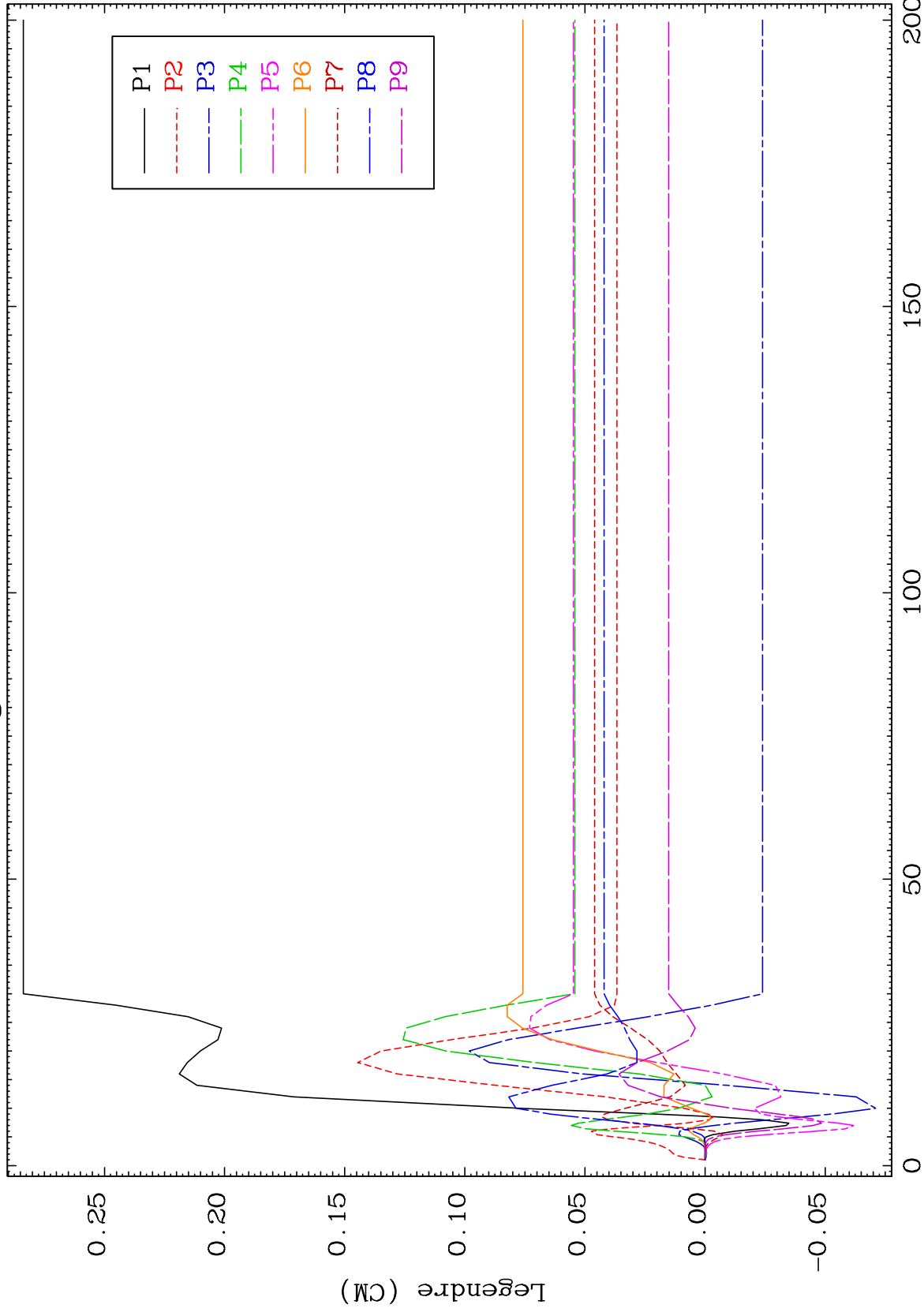
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



75

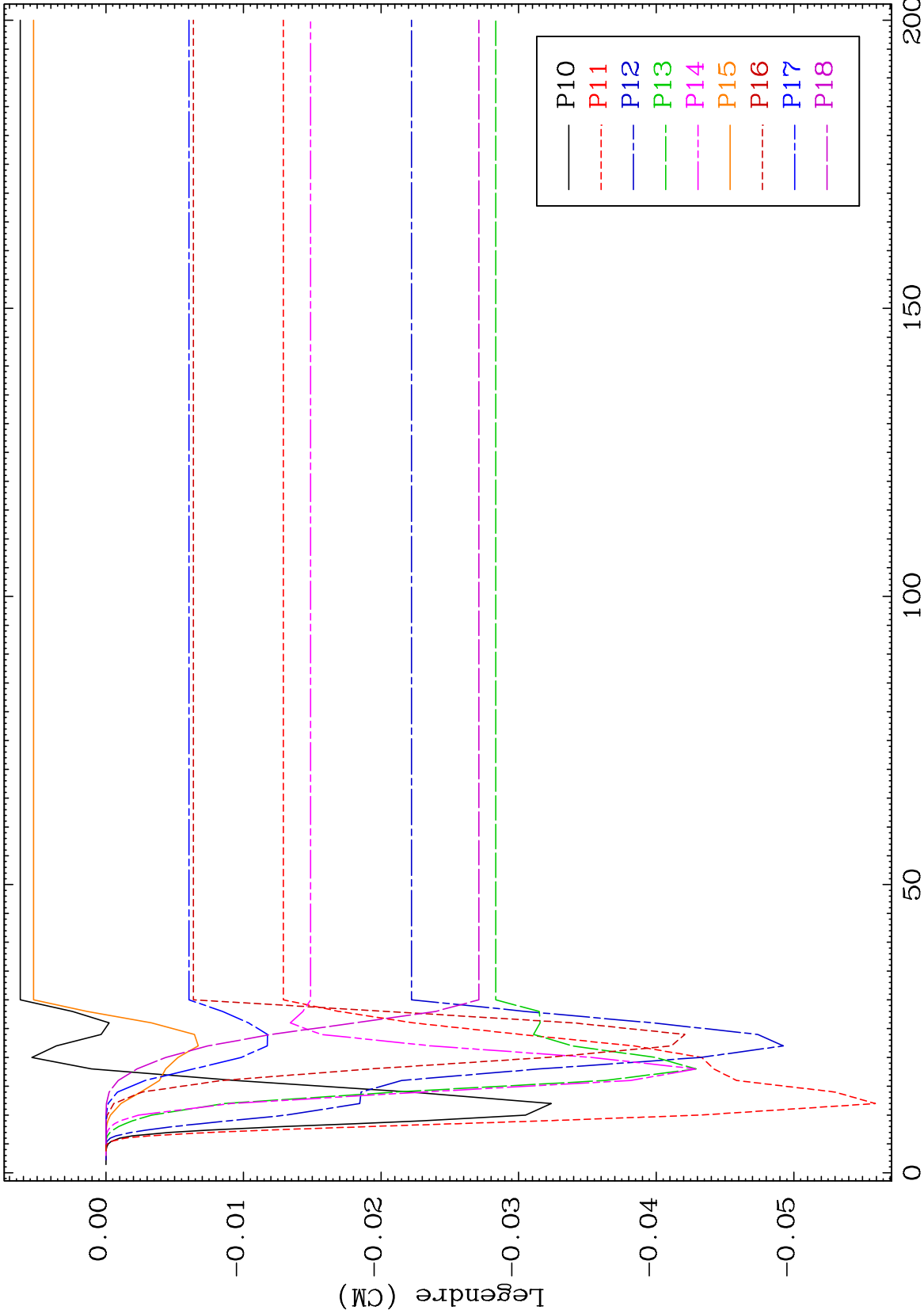
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



76

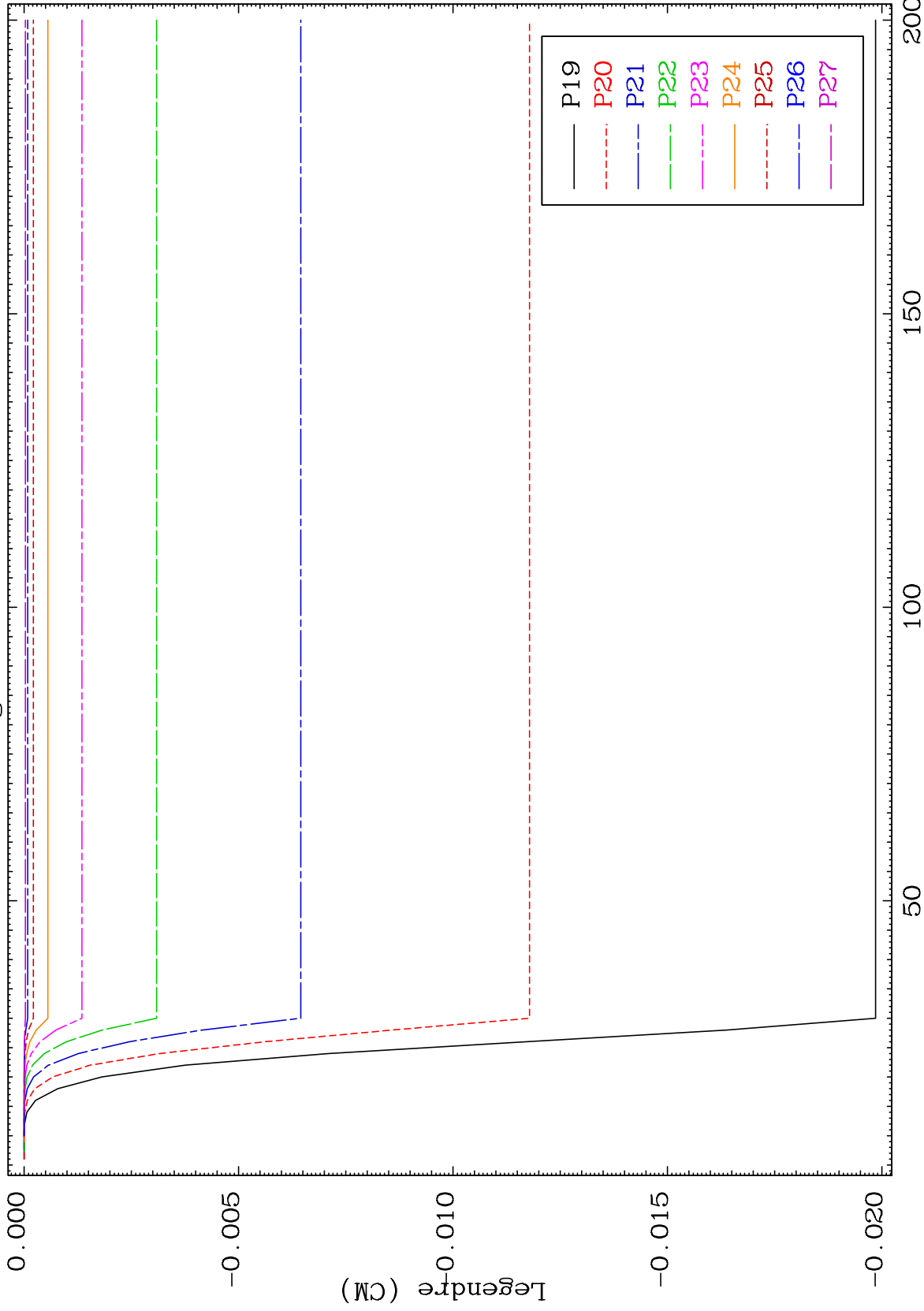
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



77

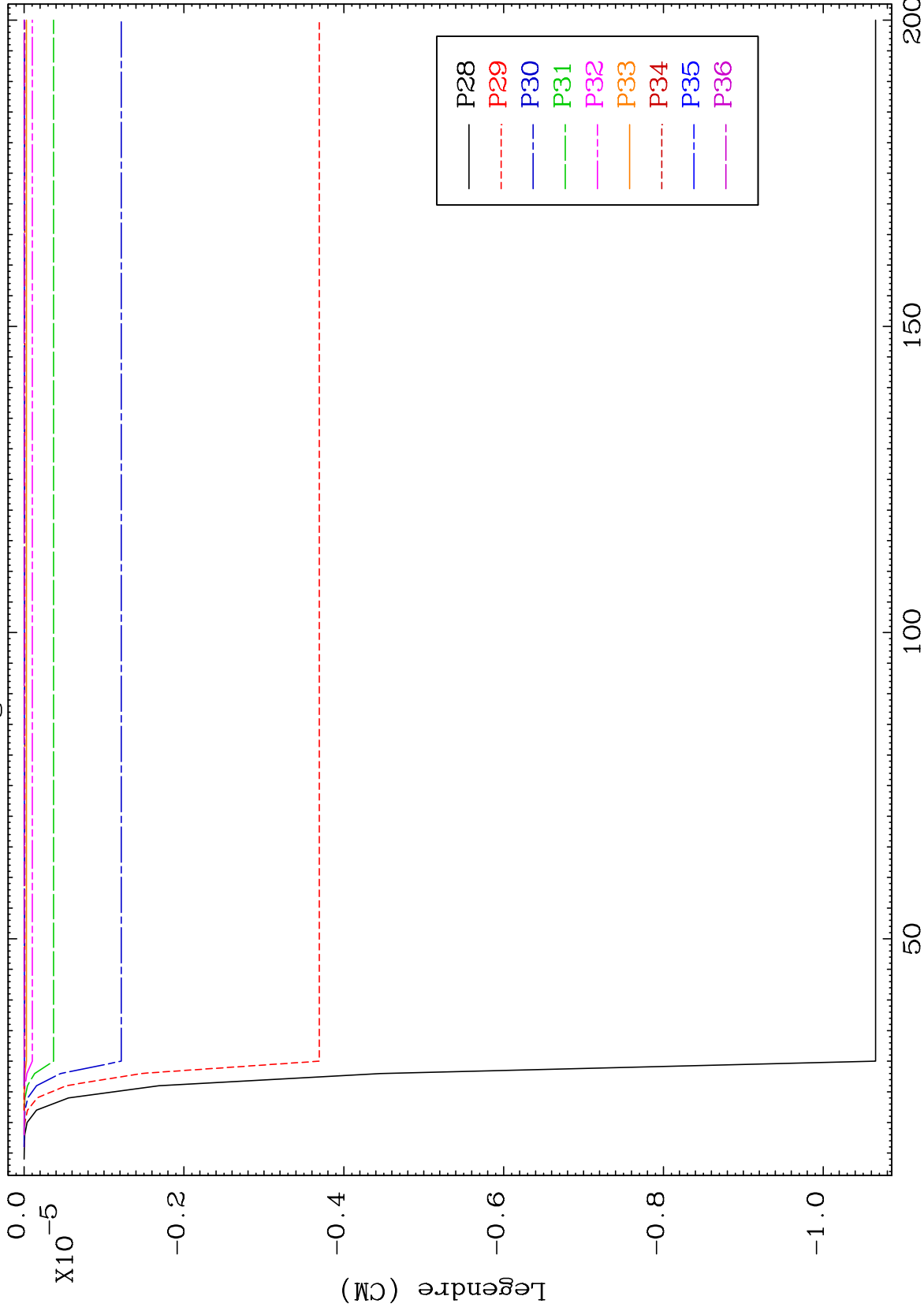
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

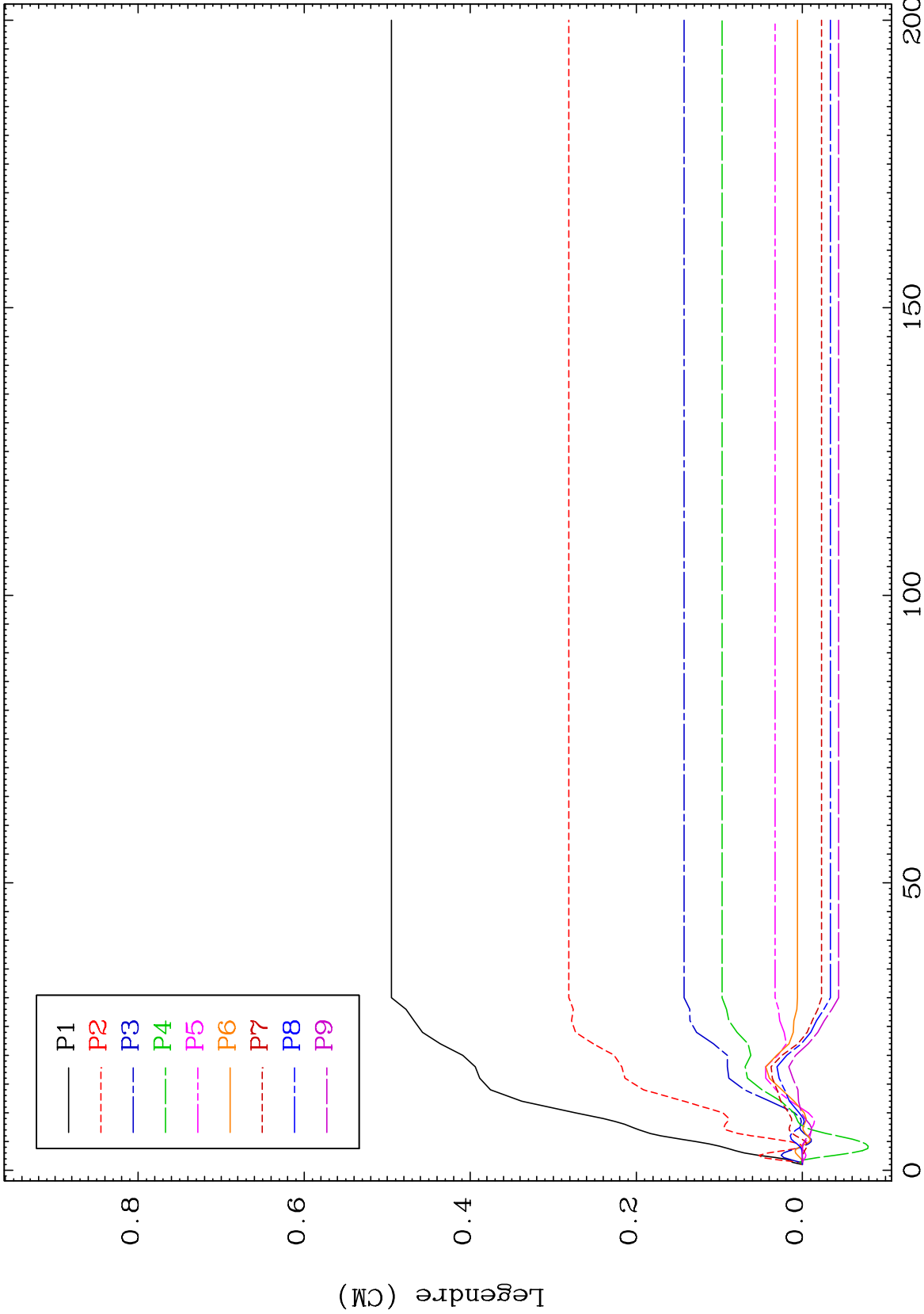
Incident Energy (MeV)

78

MAT 5740

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

57-La-143



79

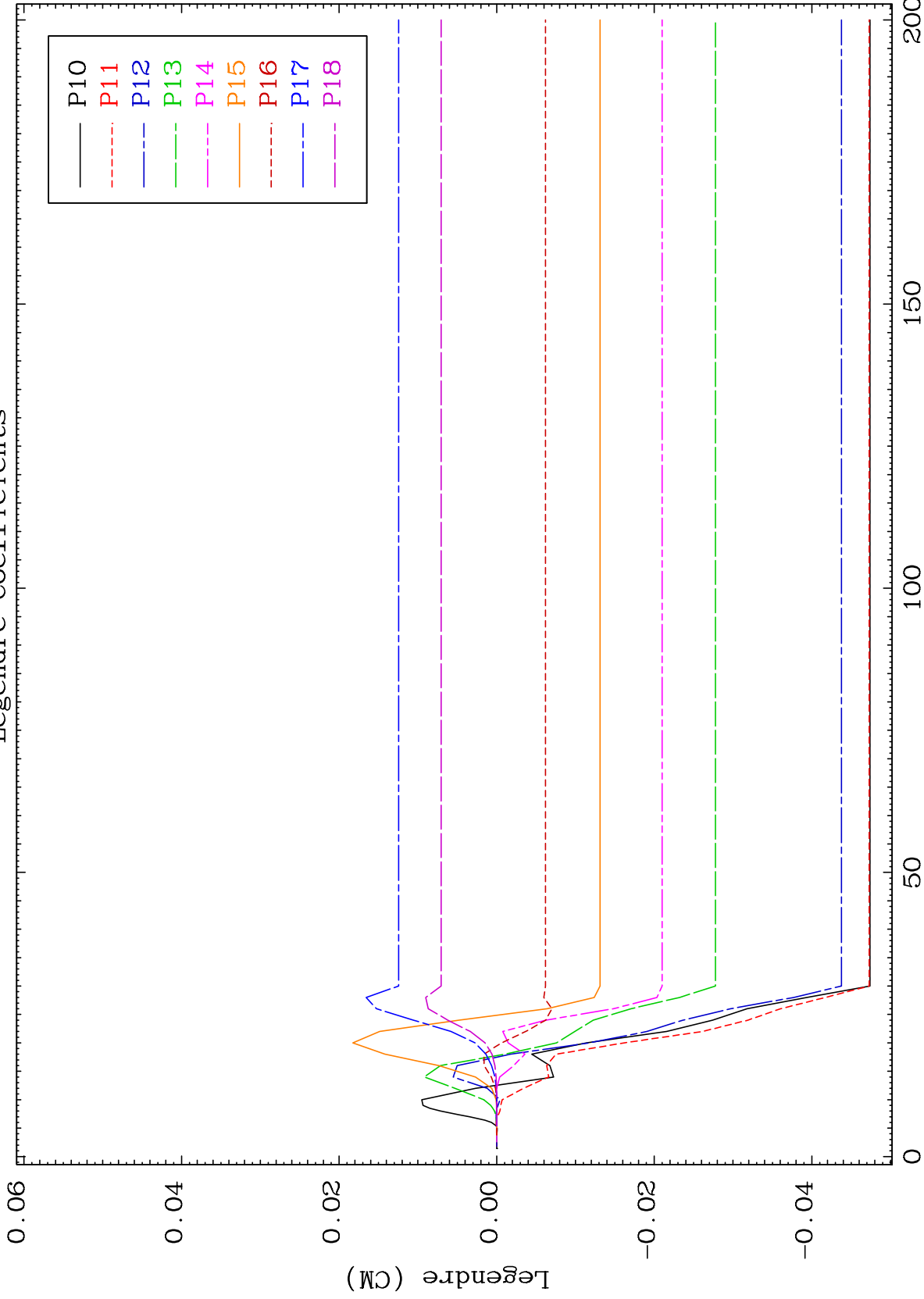
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



80

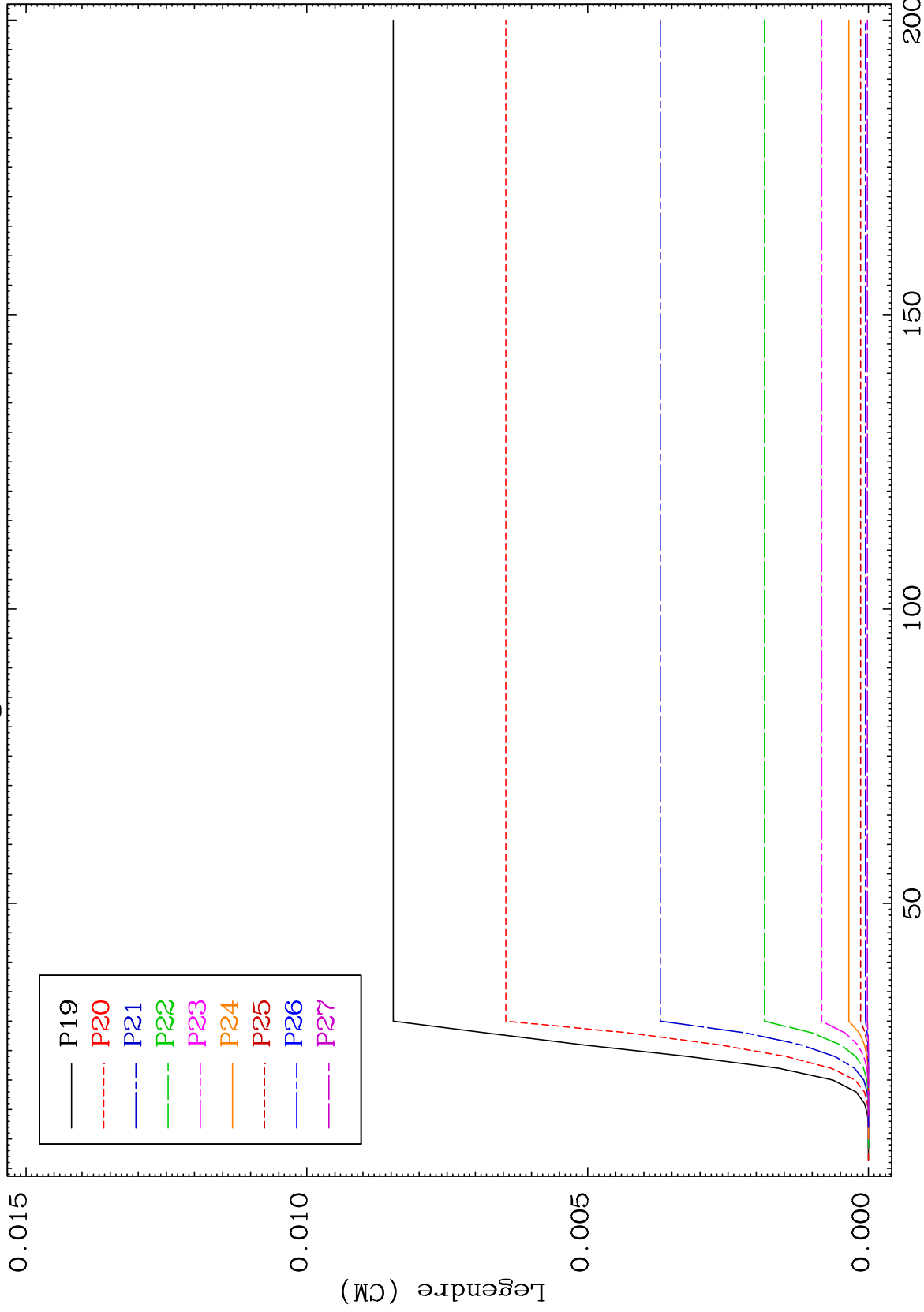
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



81

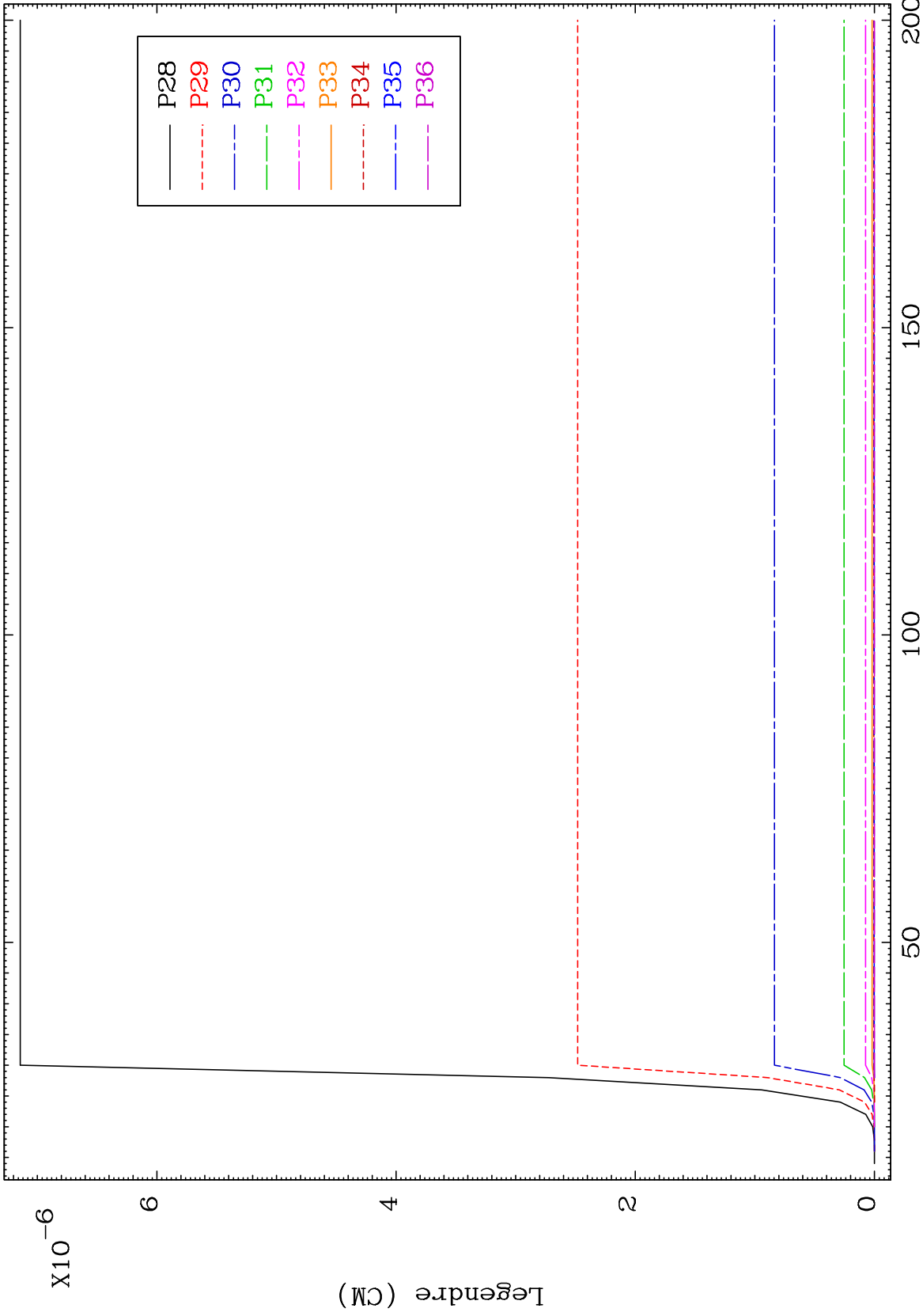
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



82

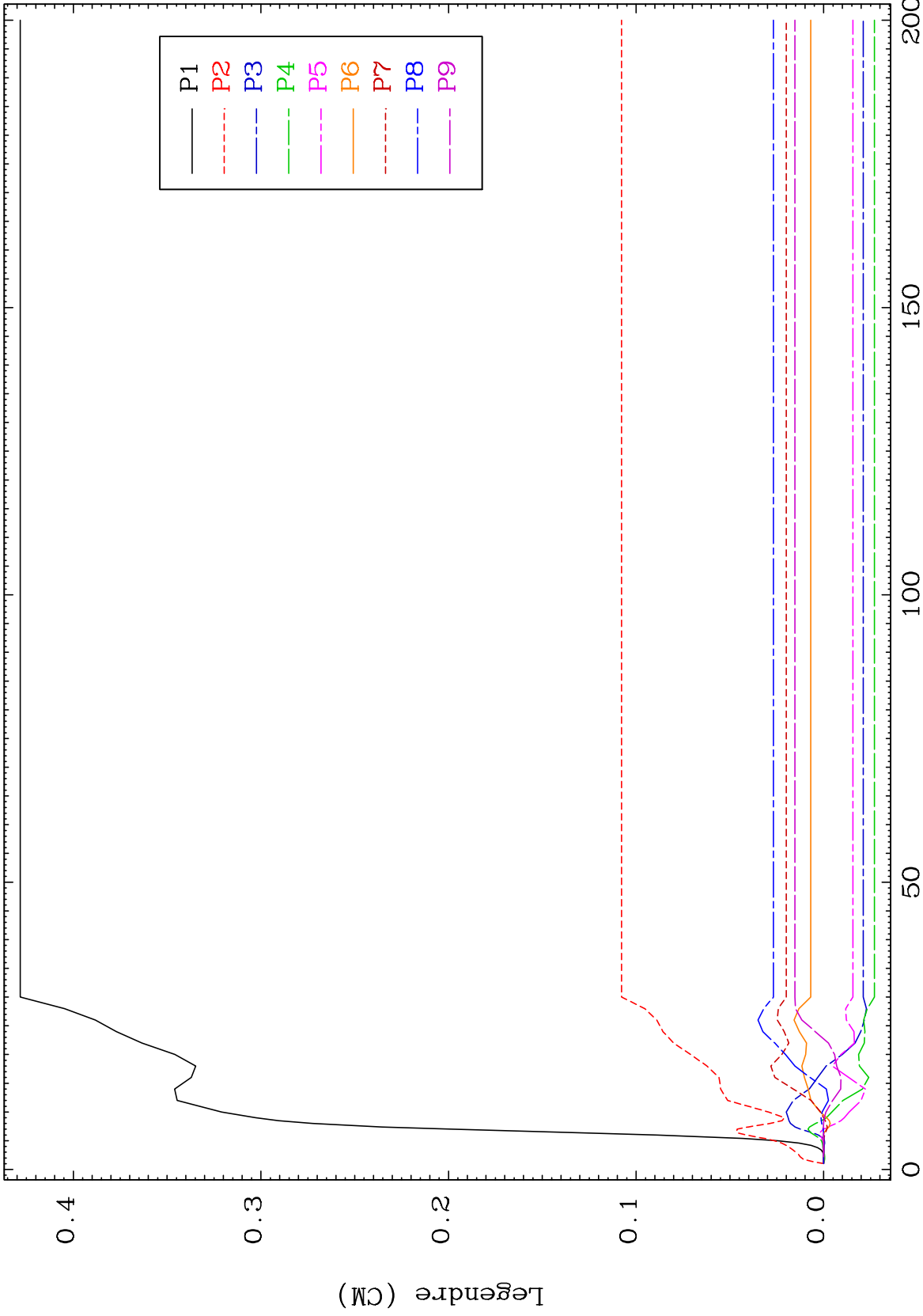
57-La-143

57-La-143

MAT 5740

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

57-La-143



83

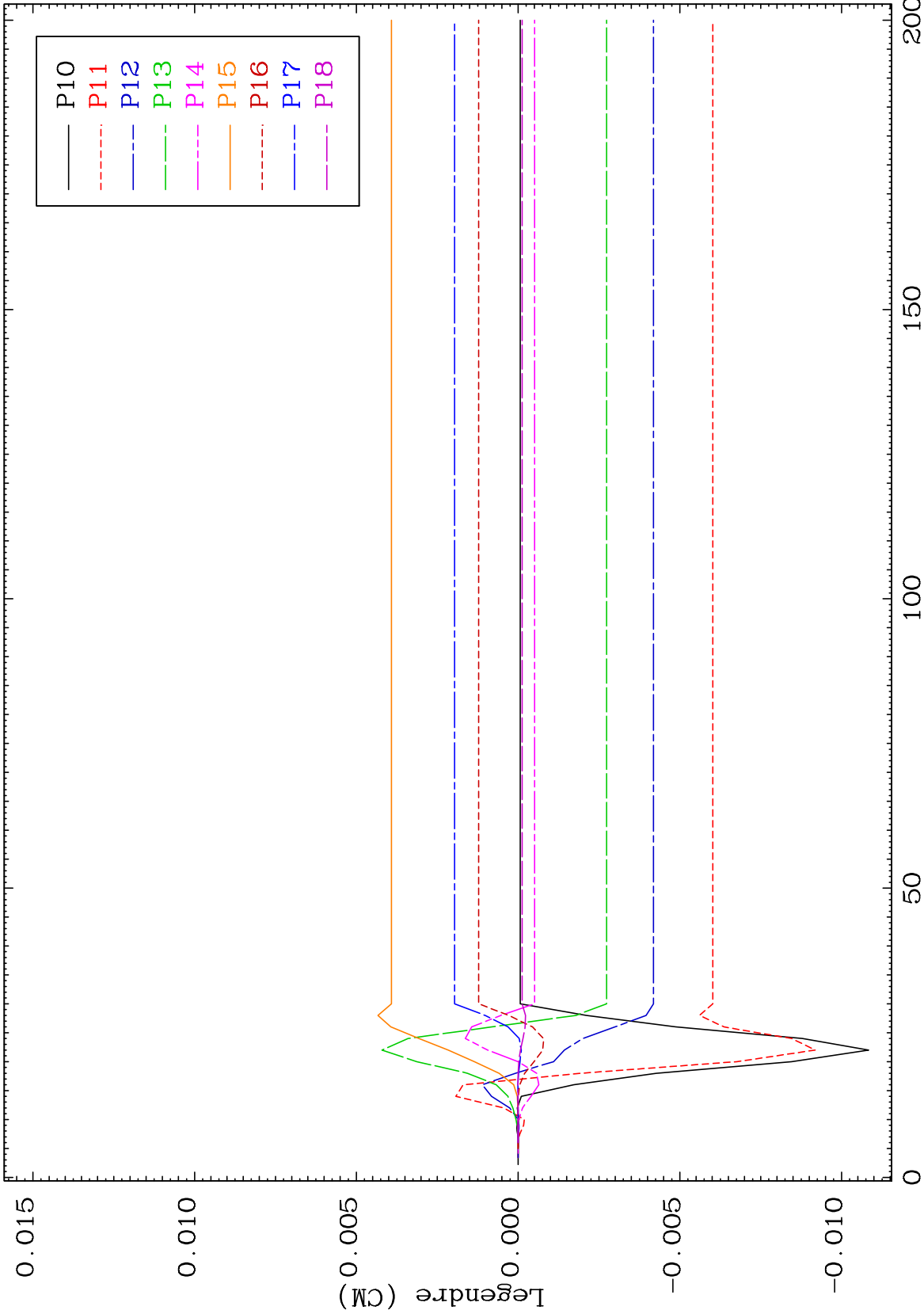
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



84

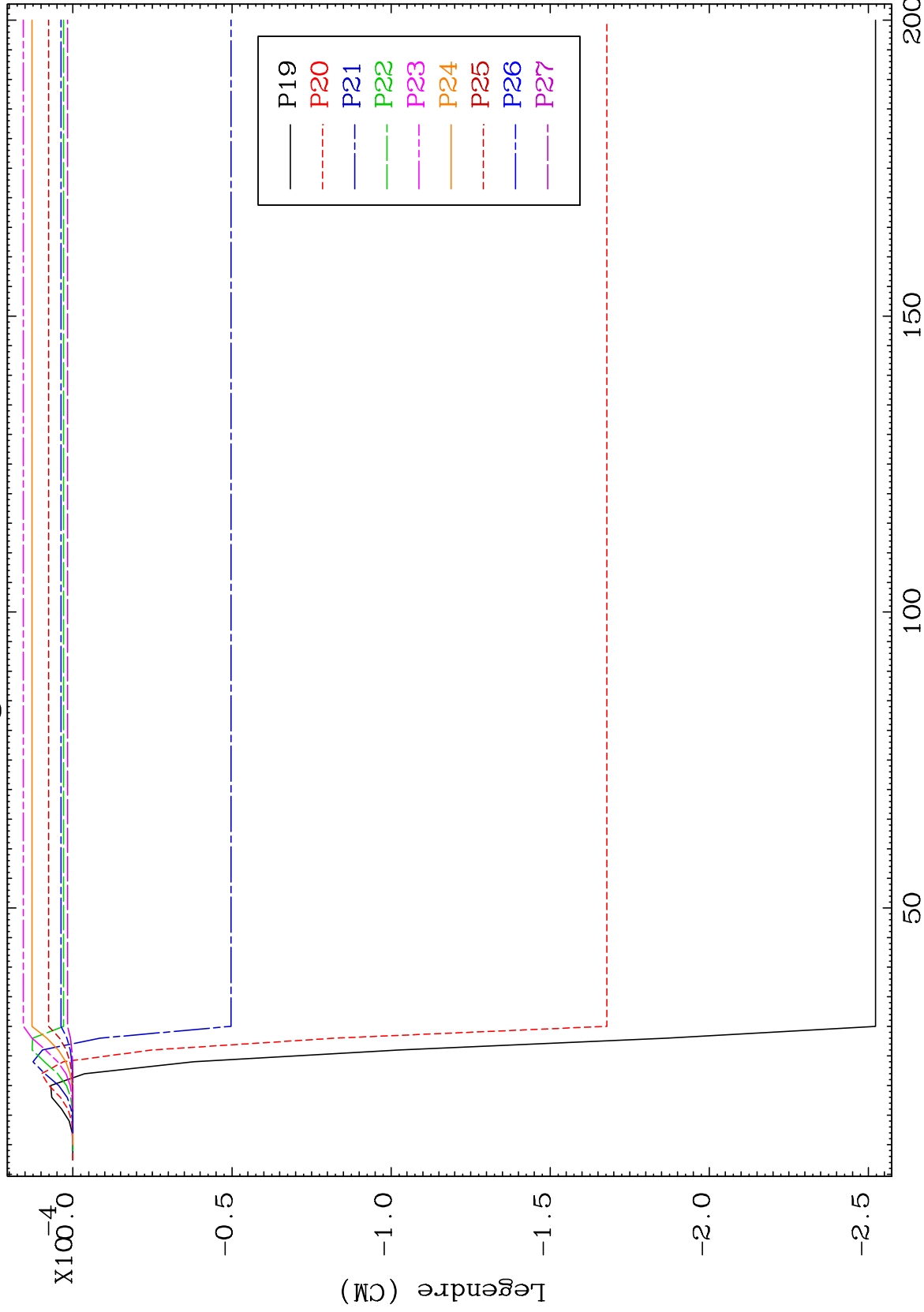
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



85

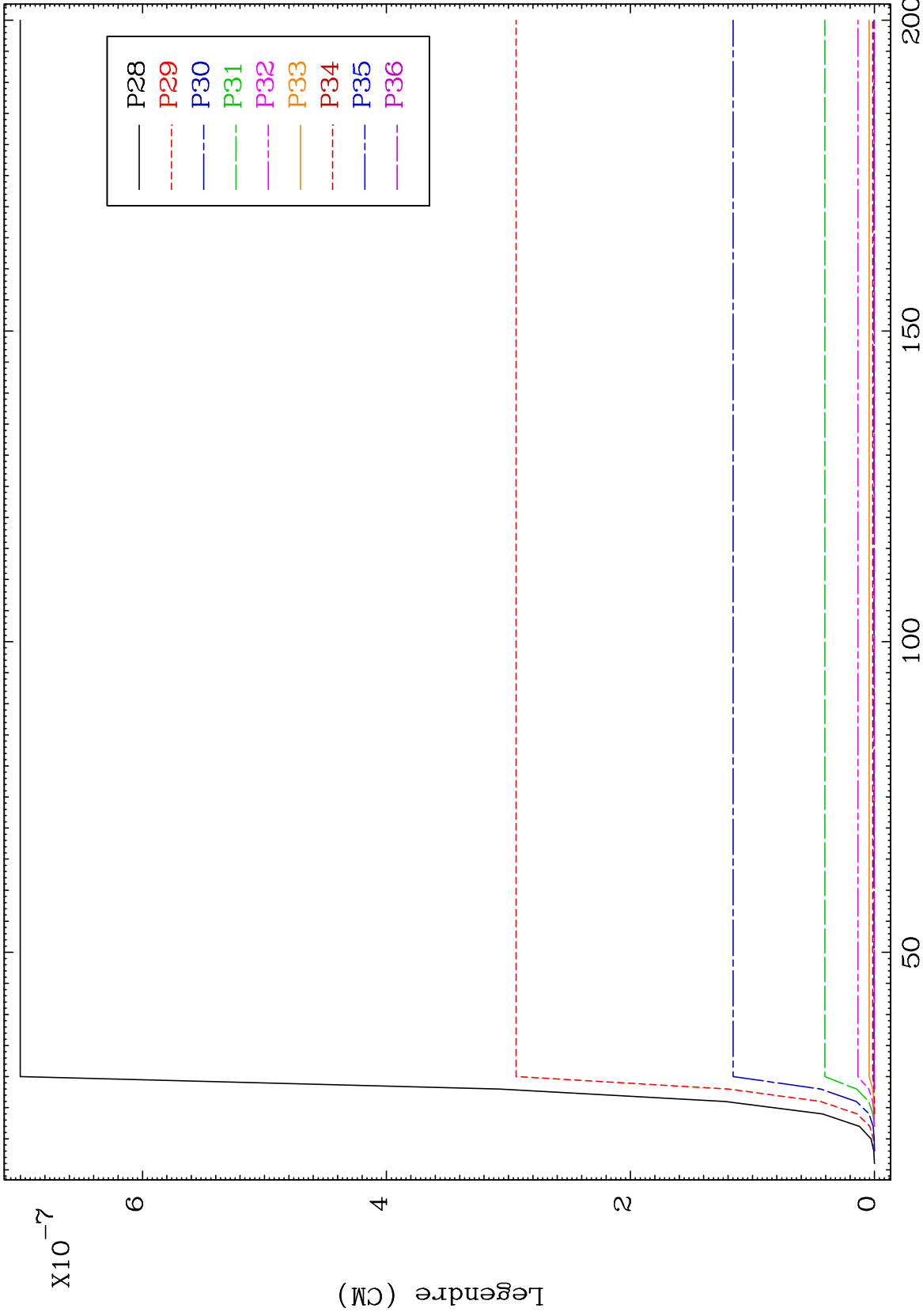
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



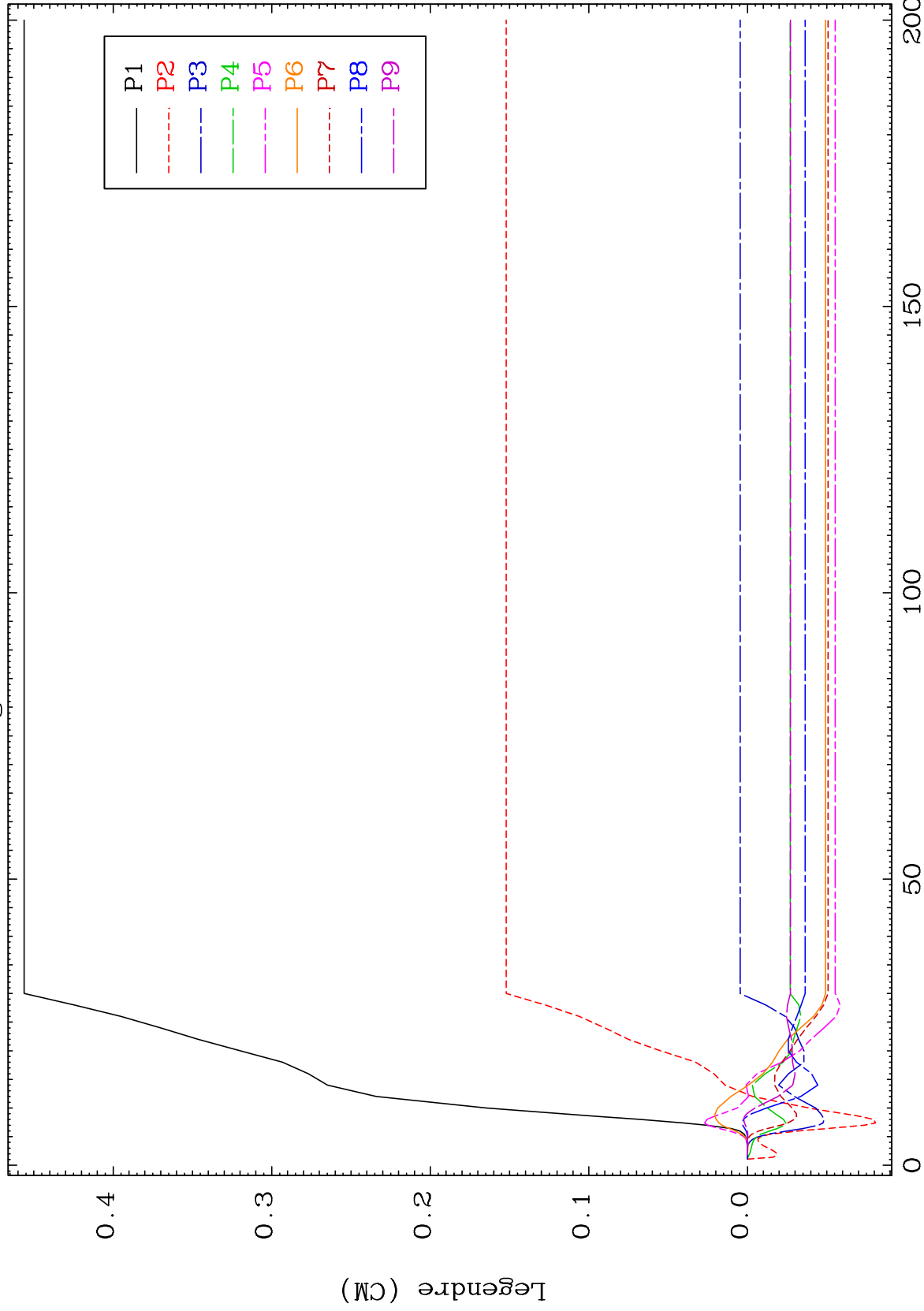
86

57-La-143

MAT 5740

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

57-La-143



87

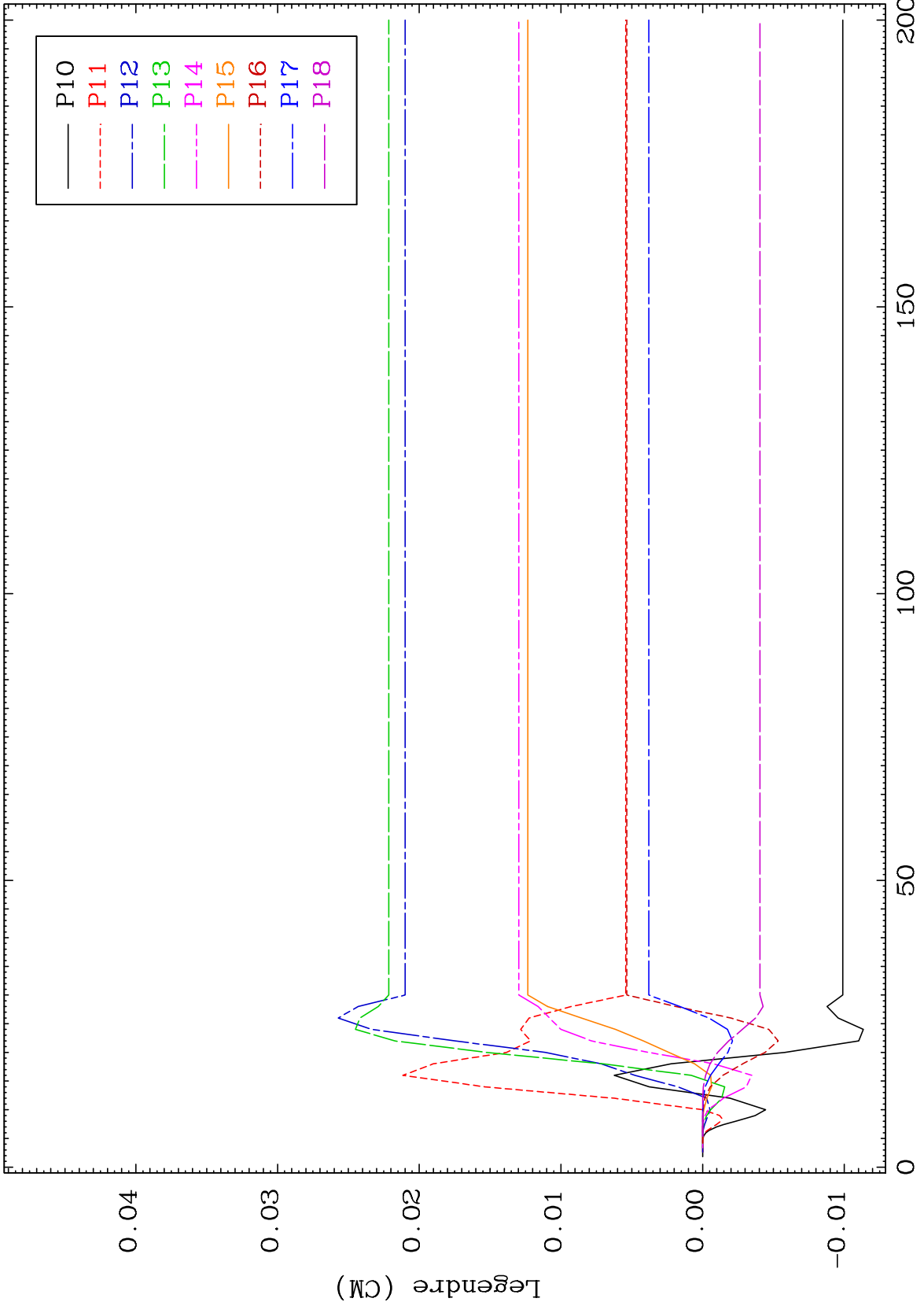
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



88

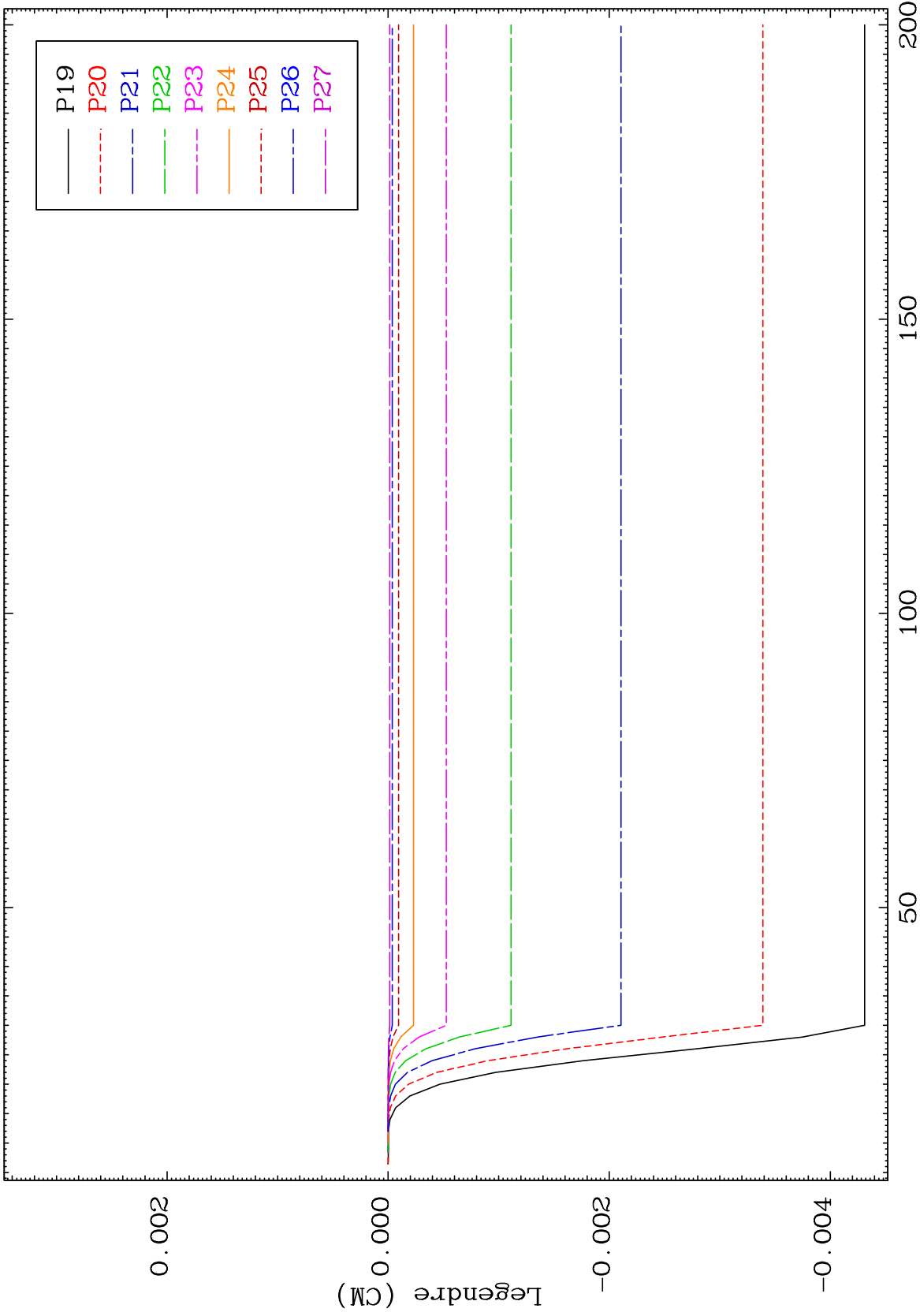
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



89

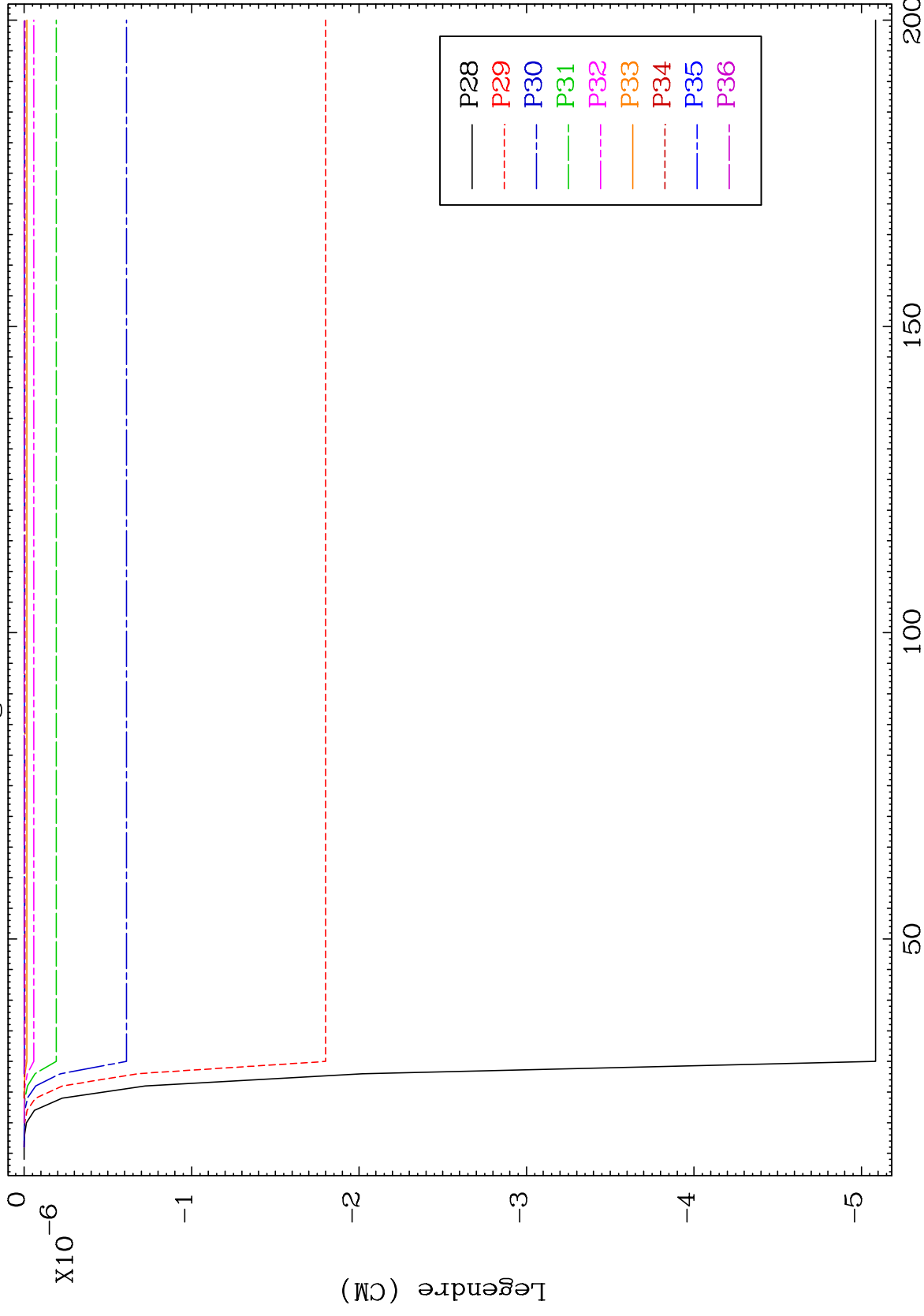
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

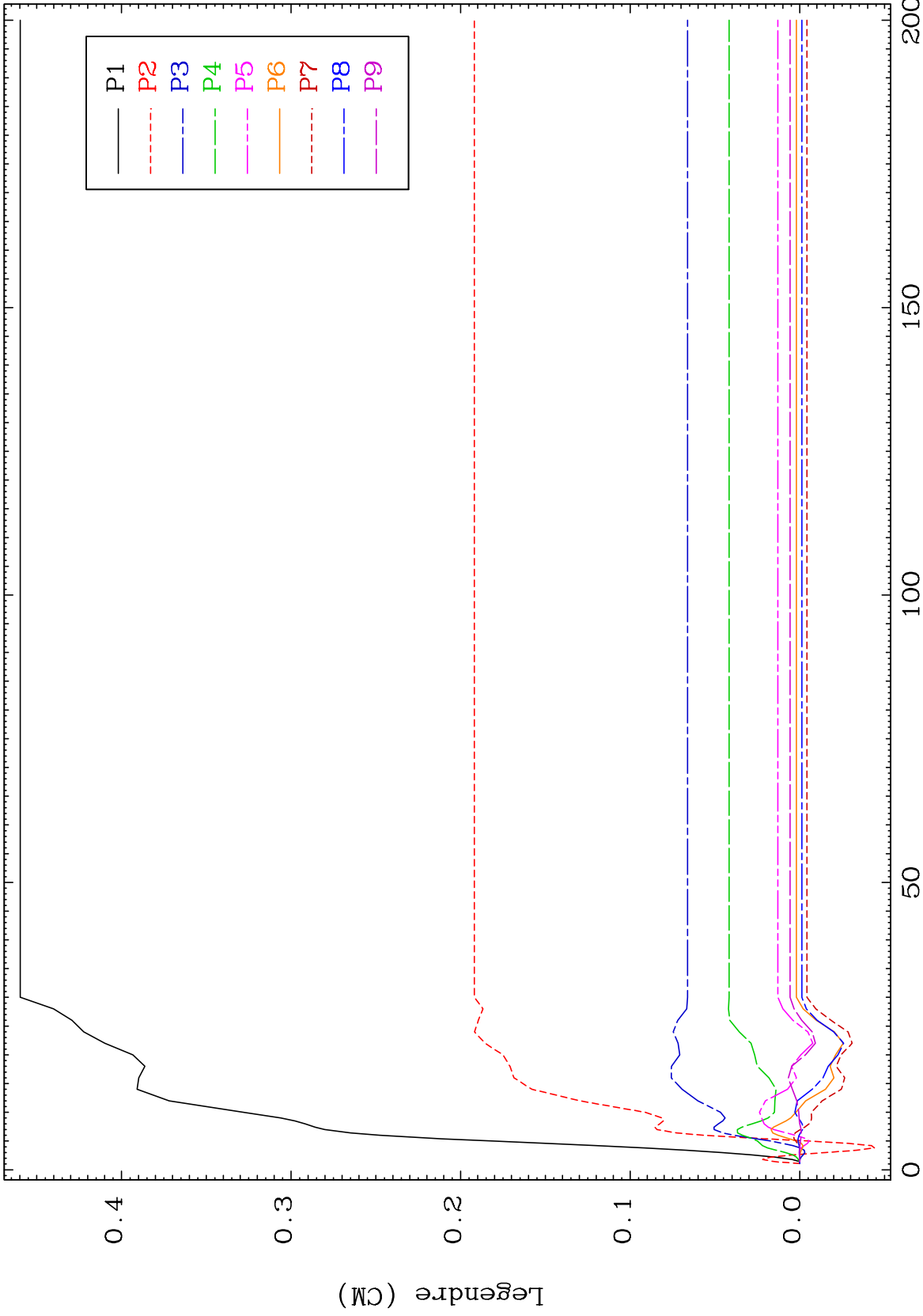
Incident Energy (MeV)

90

MAT 5740

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

57-La-143



91

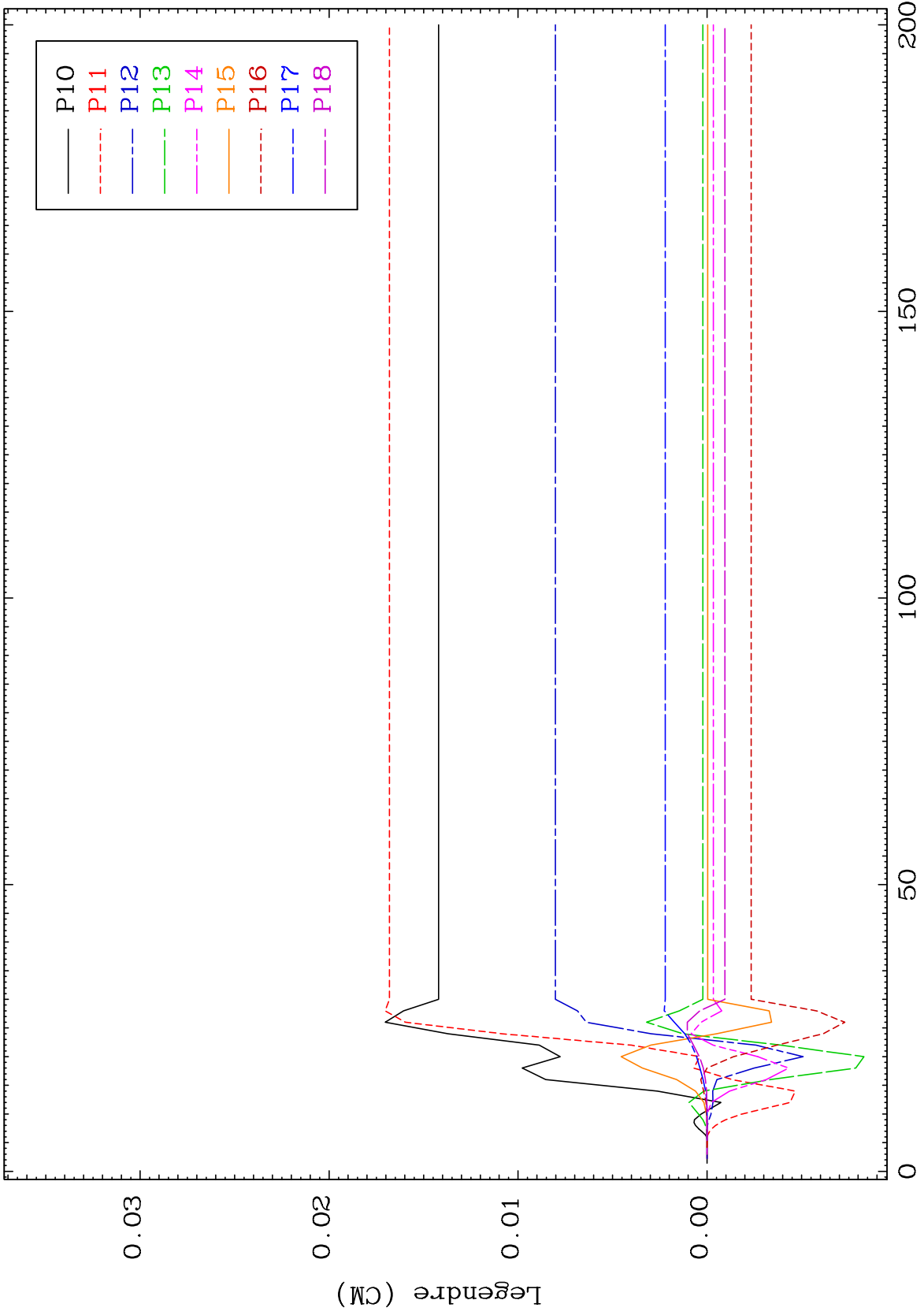
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



92

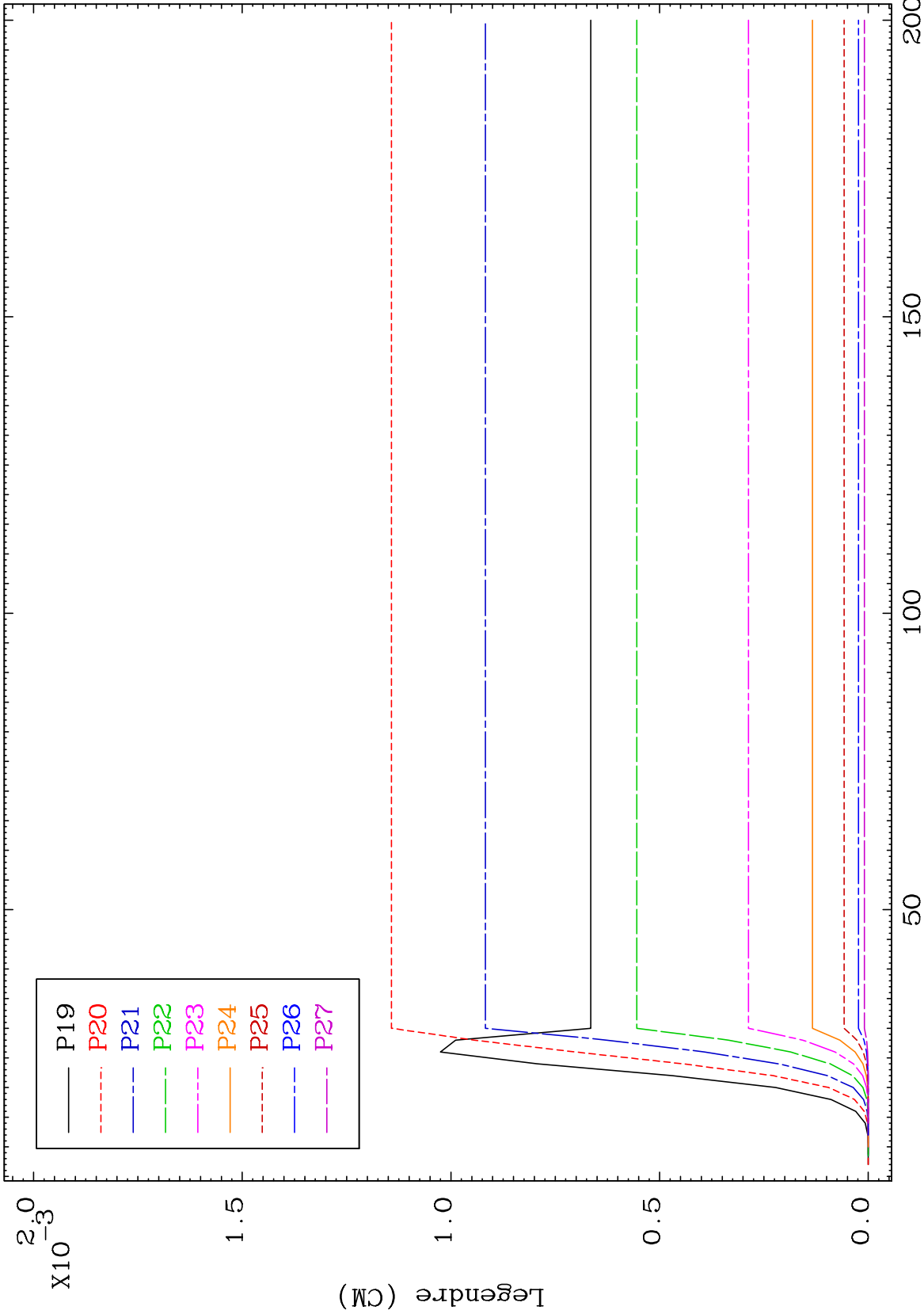
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



93

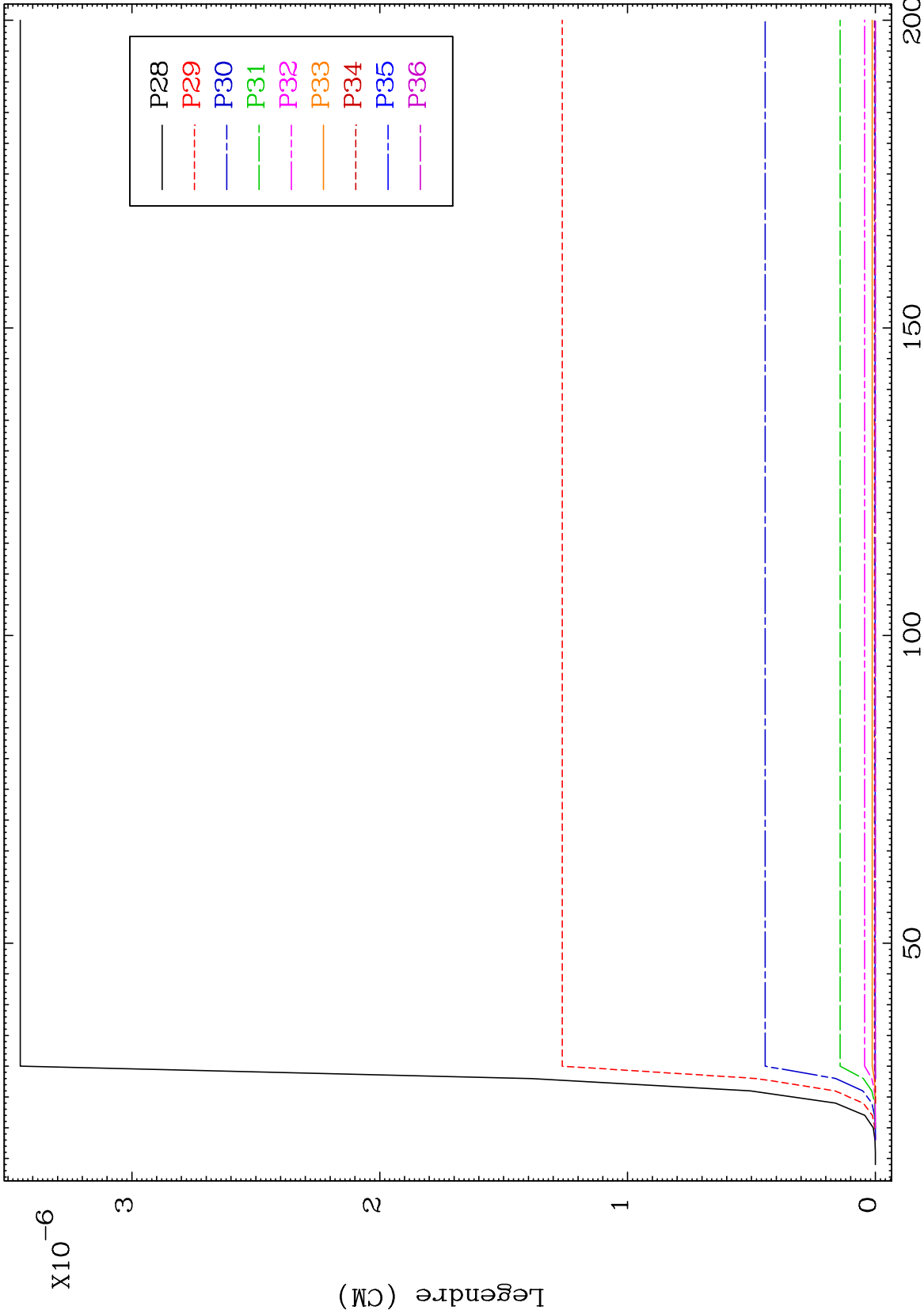
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



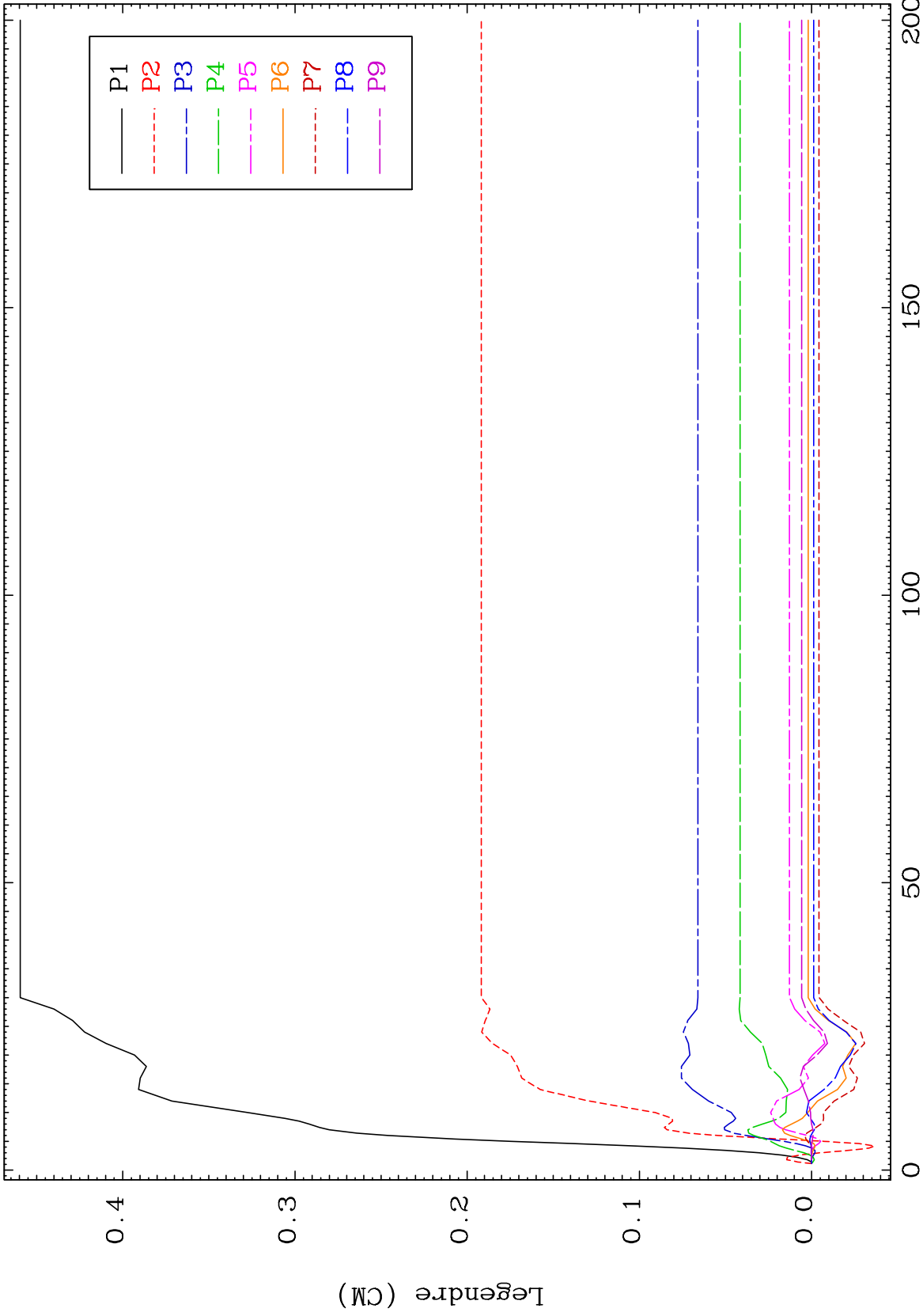
94

57-La-143

MAT 5740

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

57-La-143



95

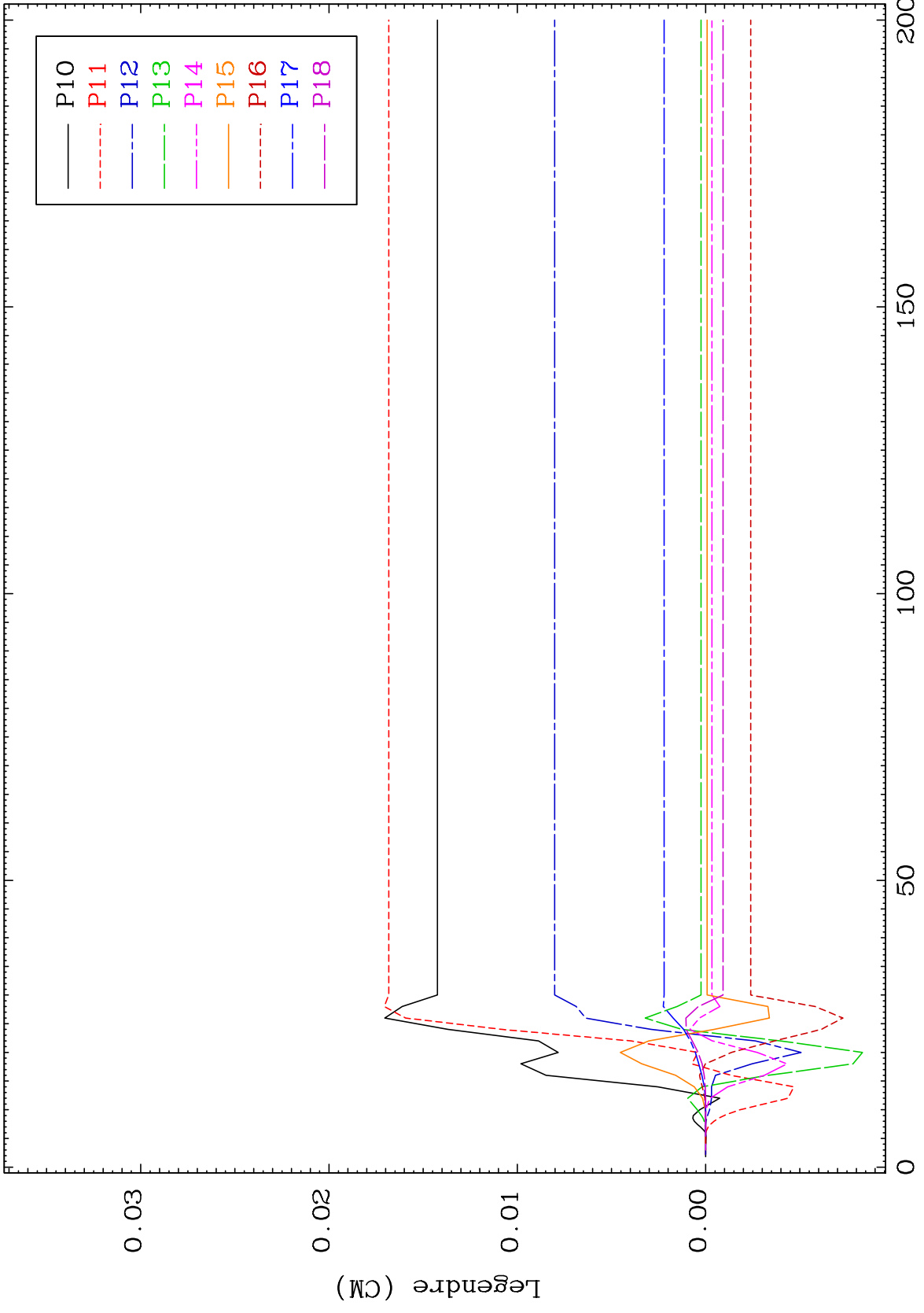
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



96

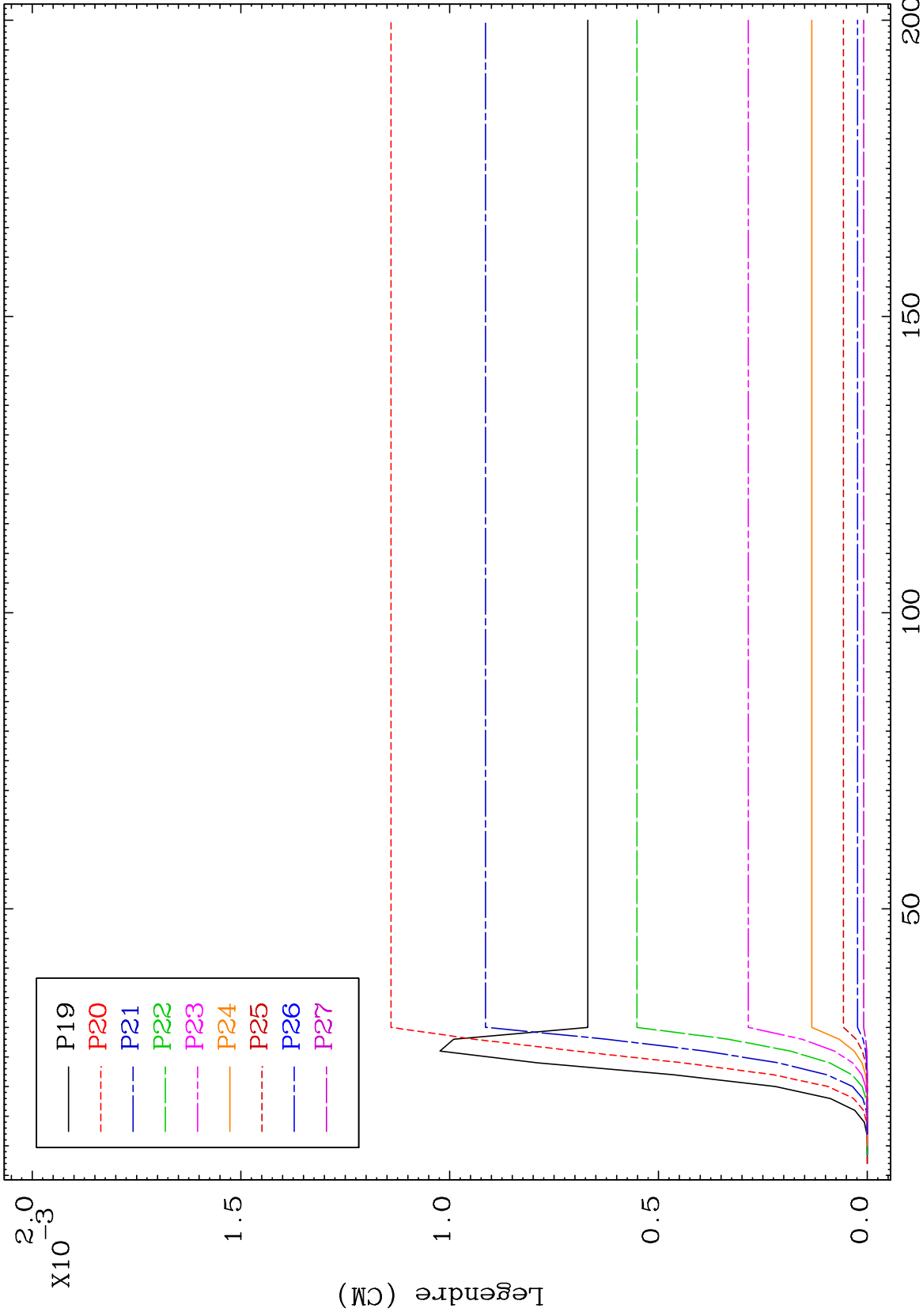
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



97

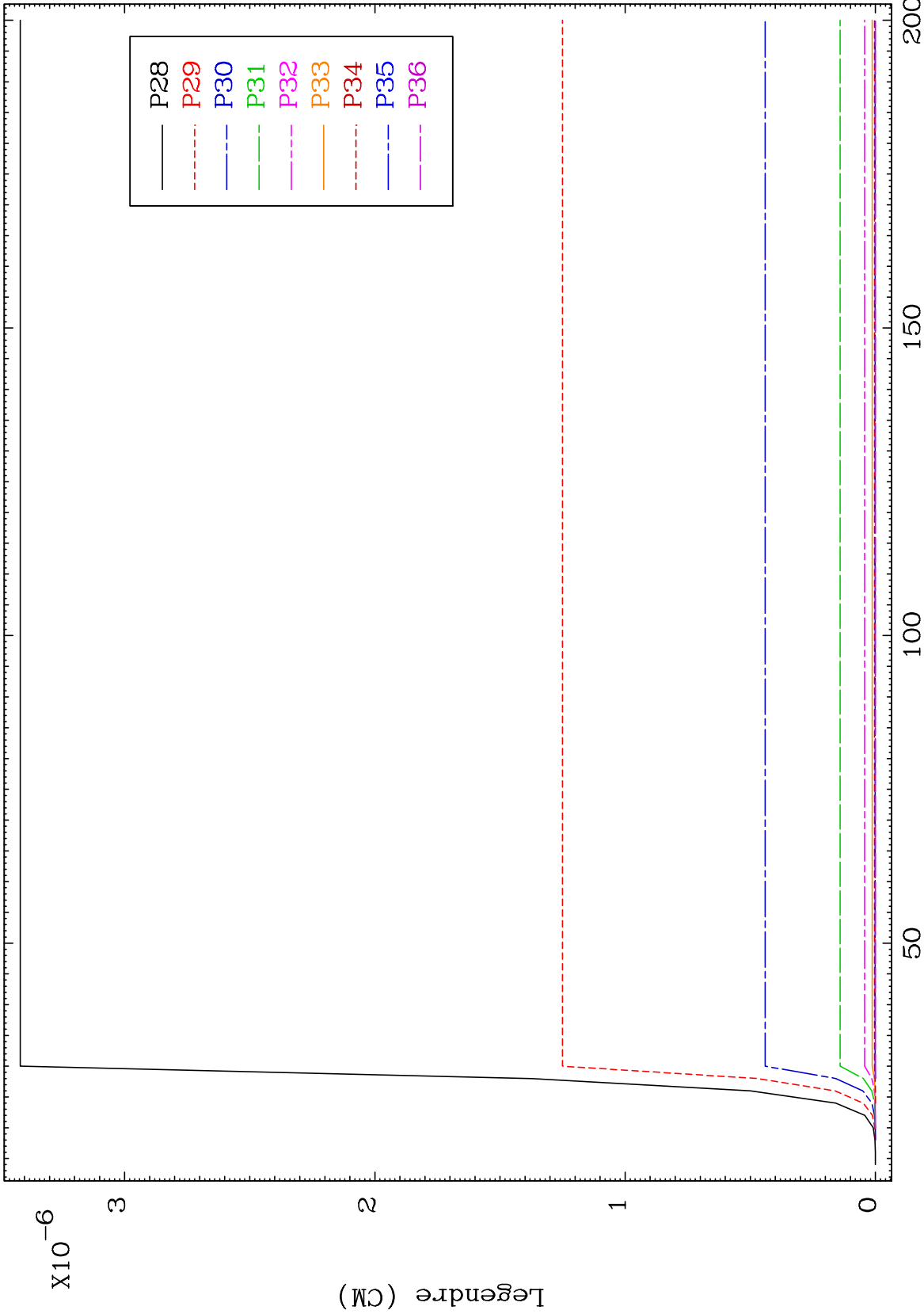
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



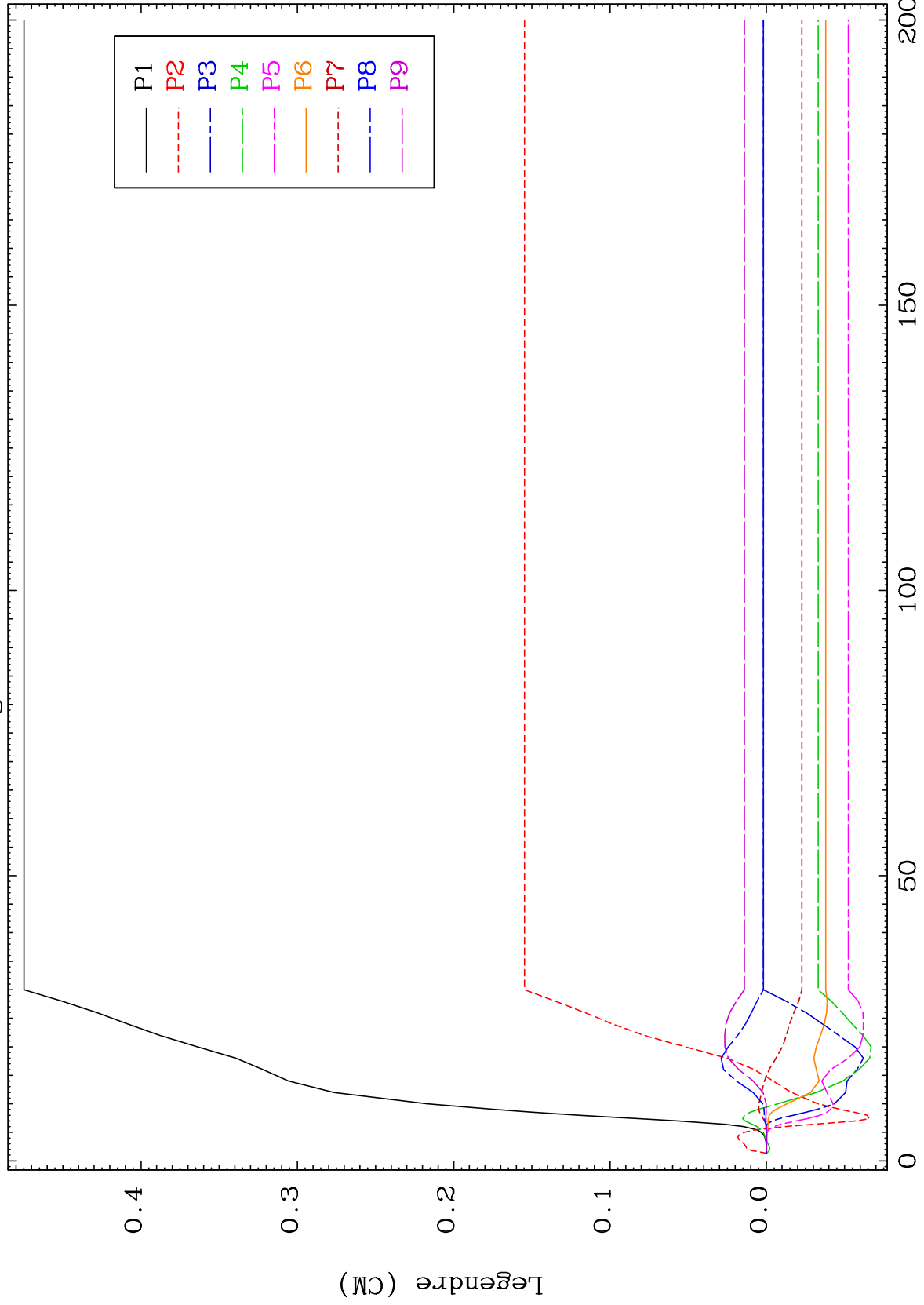
98

57-La-143

MAT 5740

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

57-La-143



99

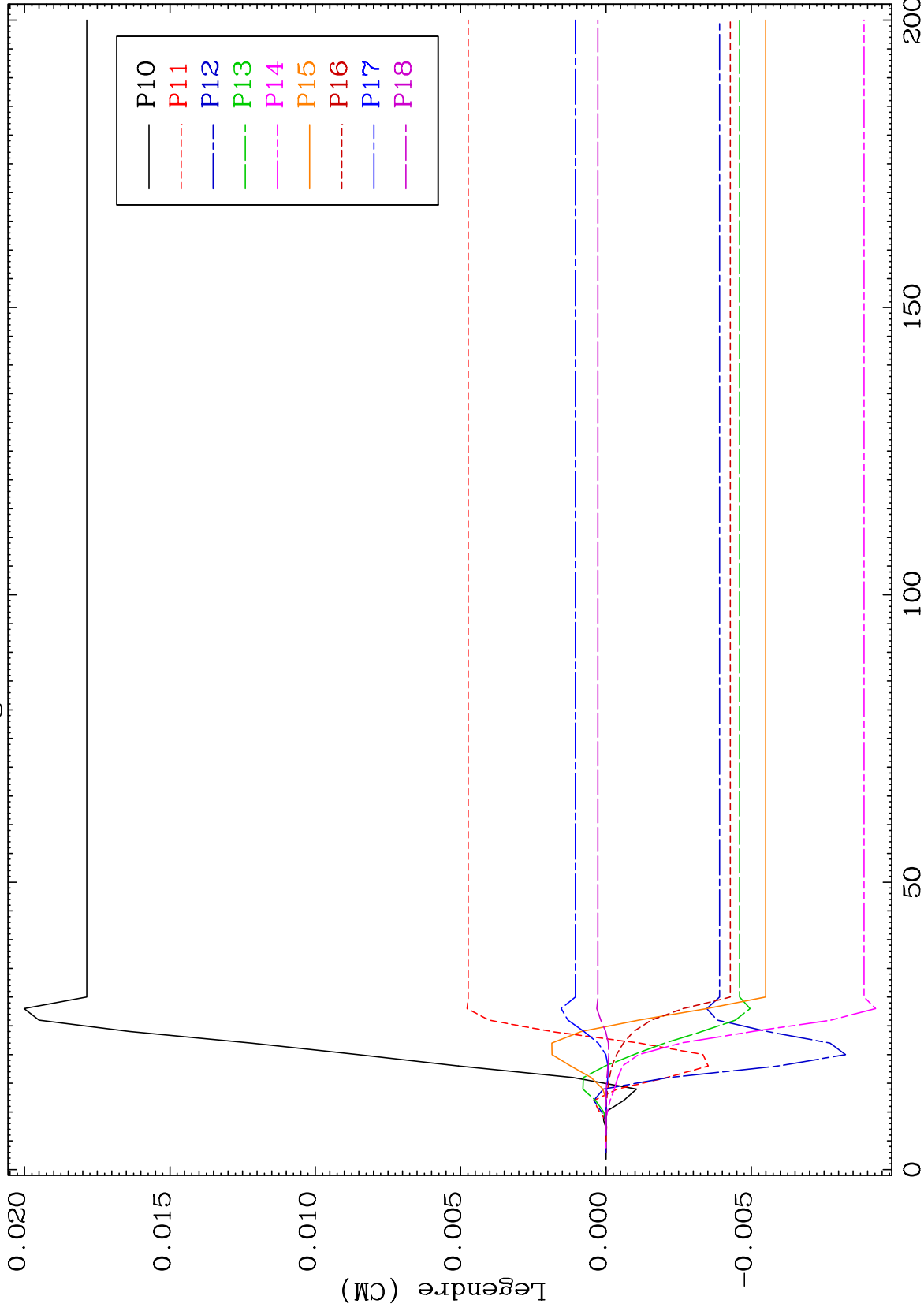
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

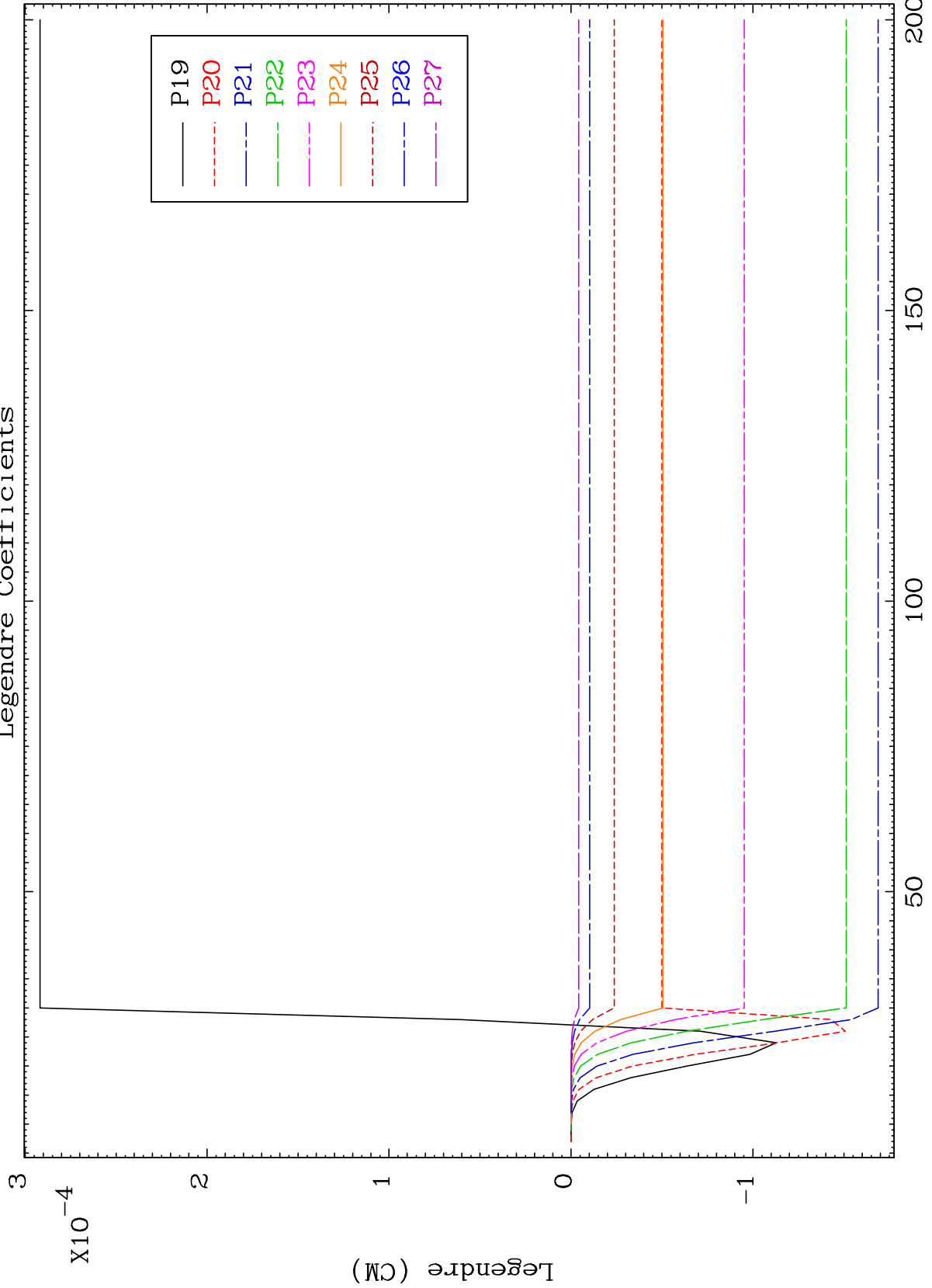
Incident Energy (MeV)

100

MAT 5740

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

57-La-143



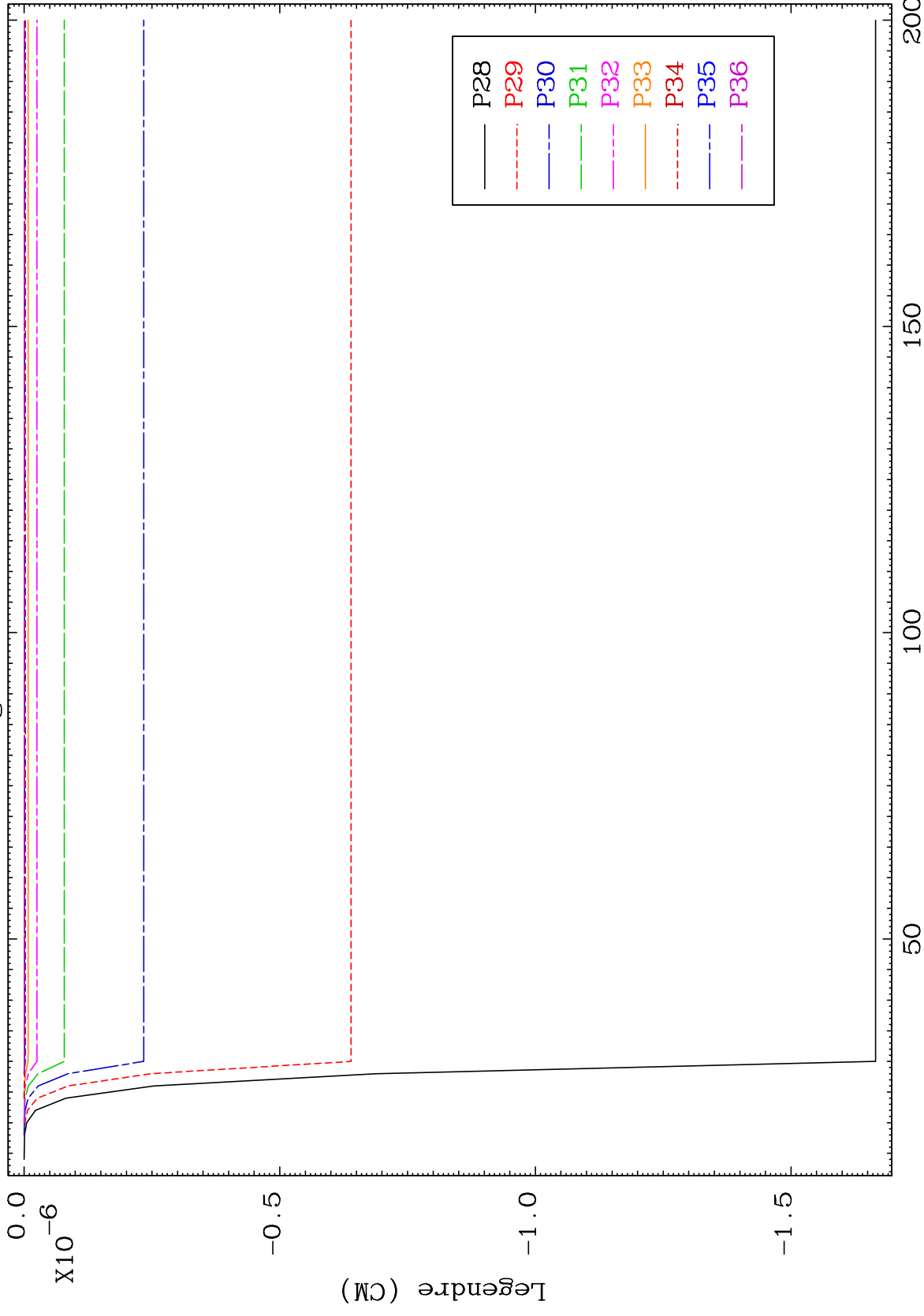
101

57-La-143

MAT 5740

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

57-La-143



57-La-143

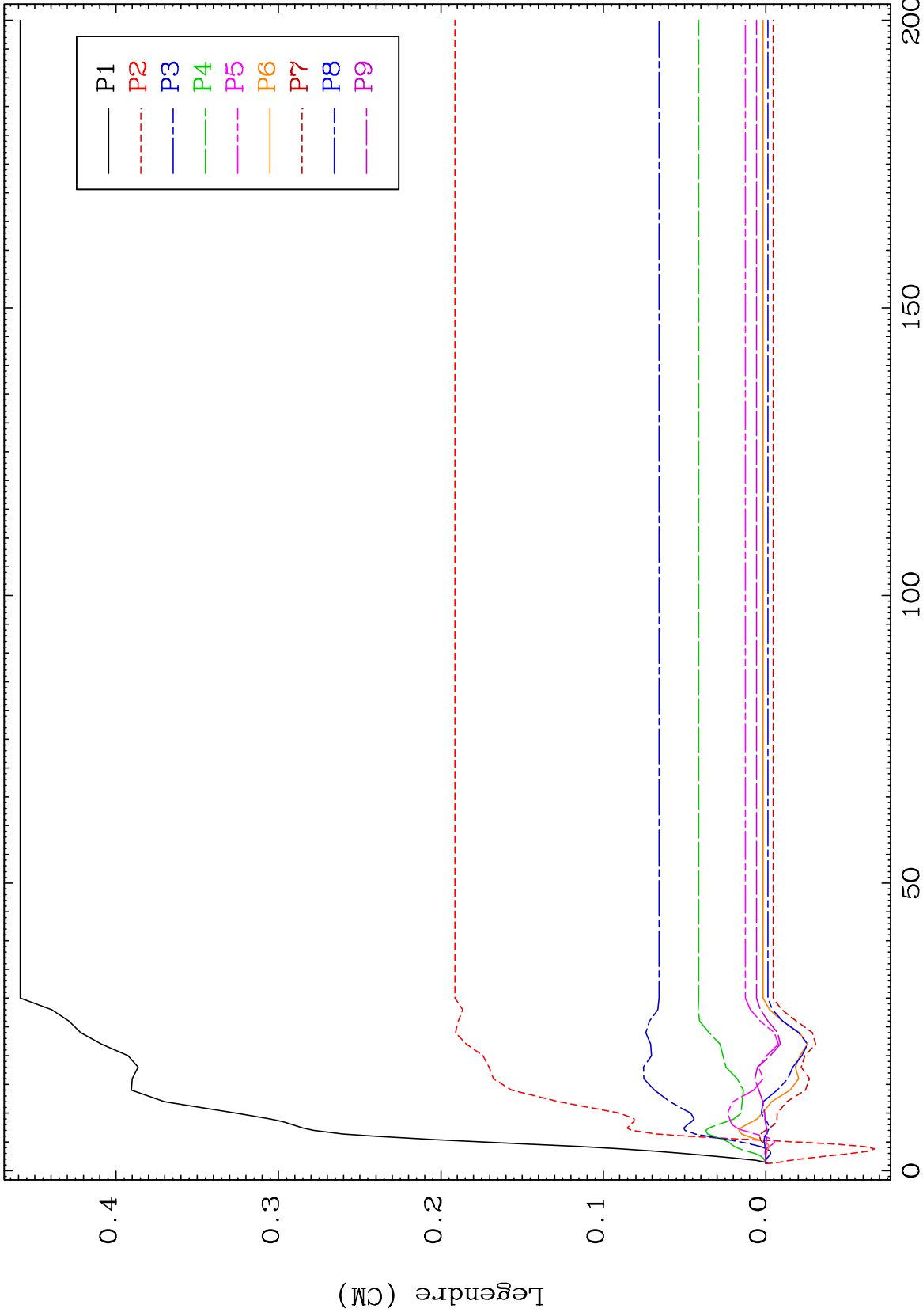
Incident Energy (MeV)

102

MAT 5740

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

57-La-143



57-La-143

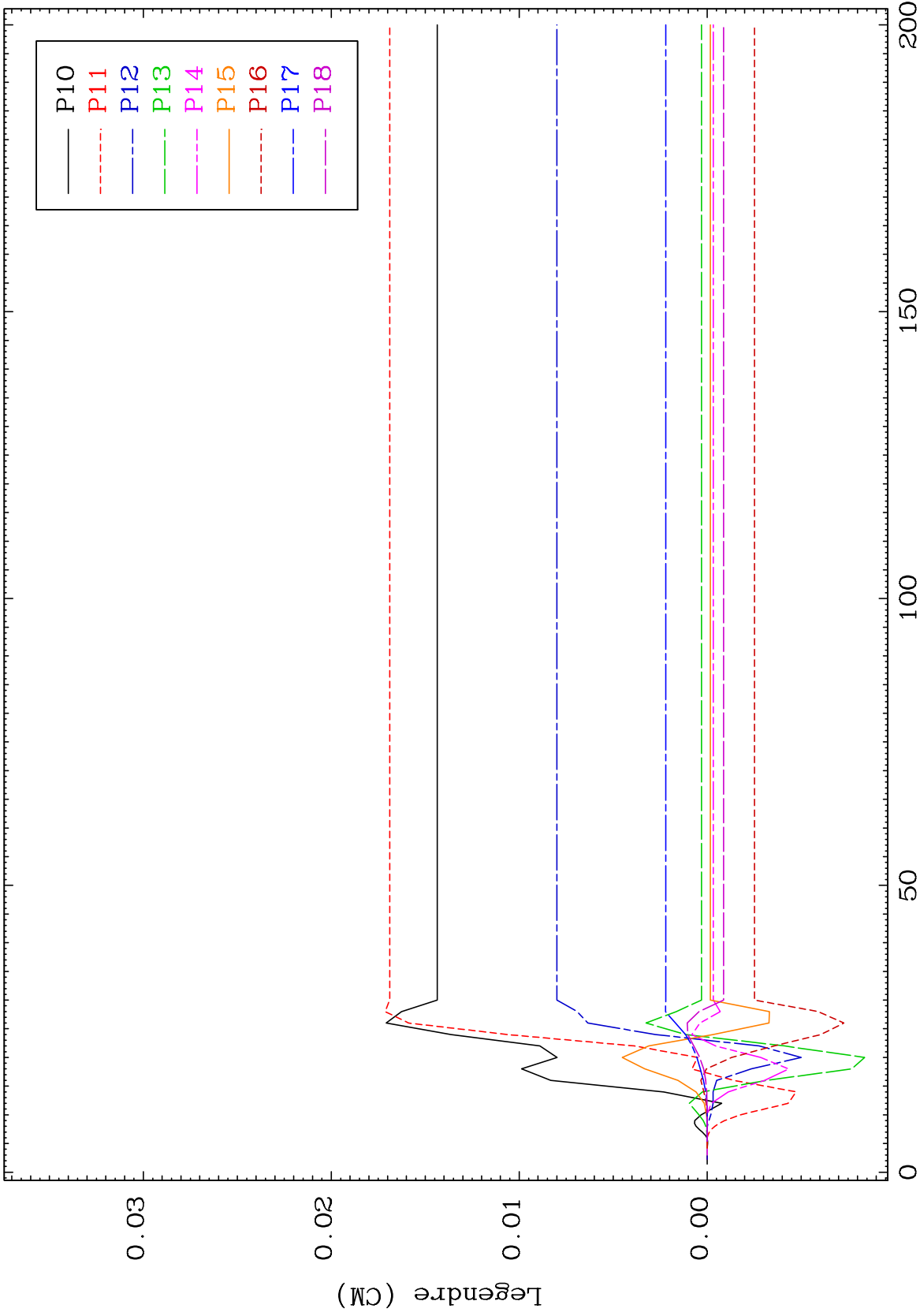
Incident Energy (MeV)

103

MAT 5740

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

57-La-143



104

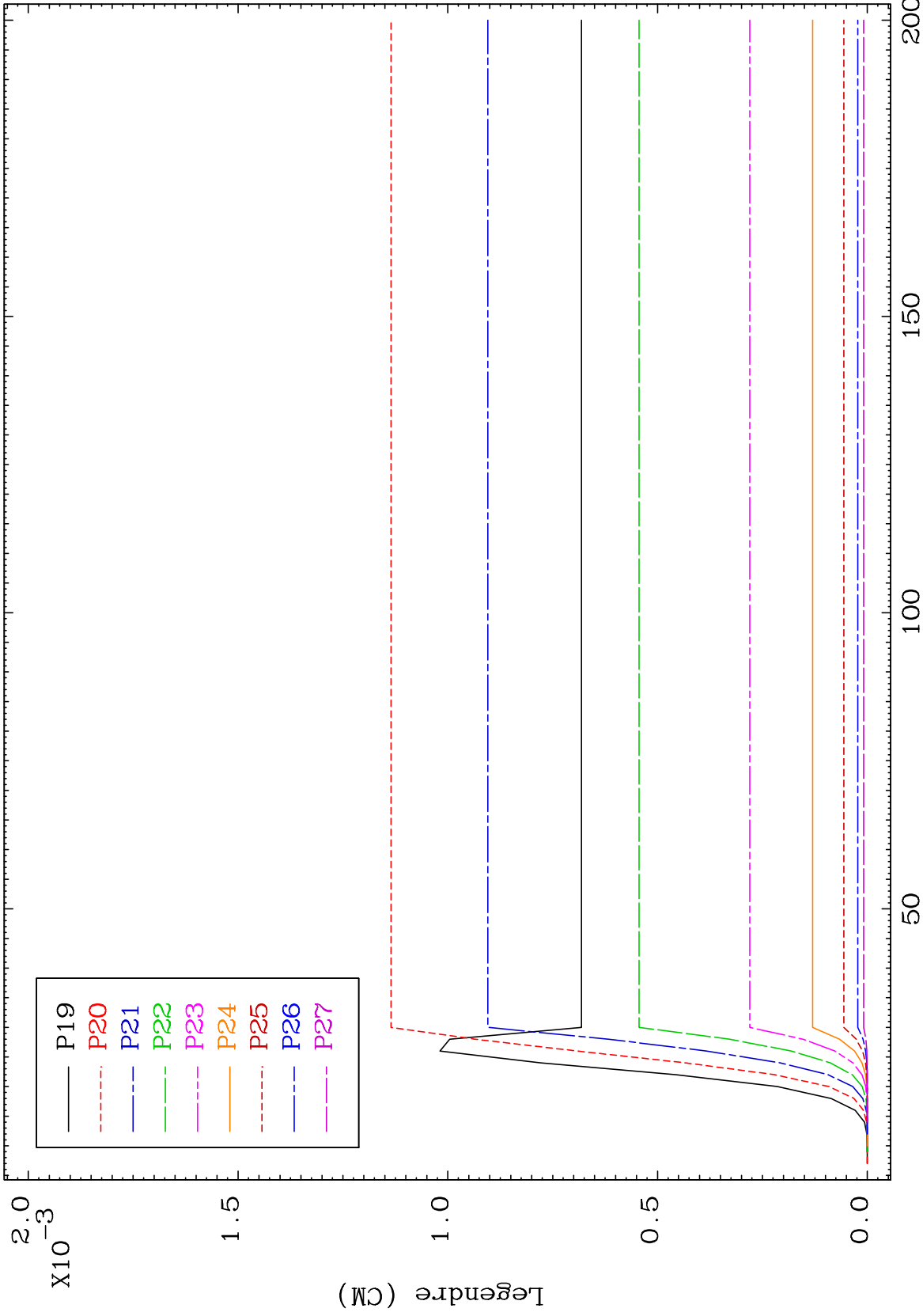
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



105

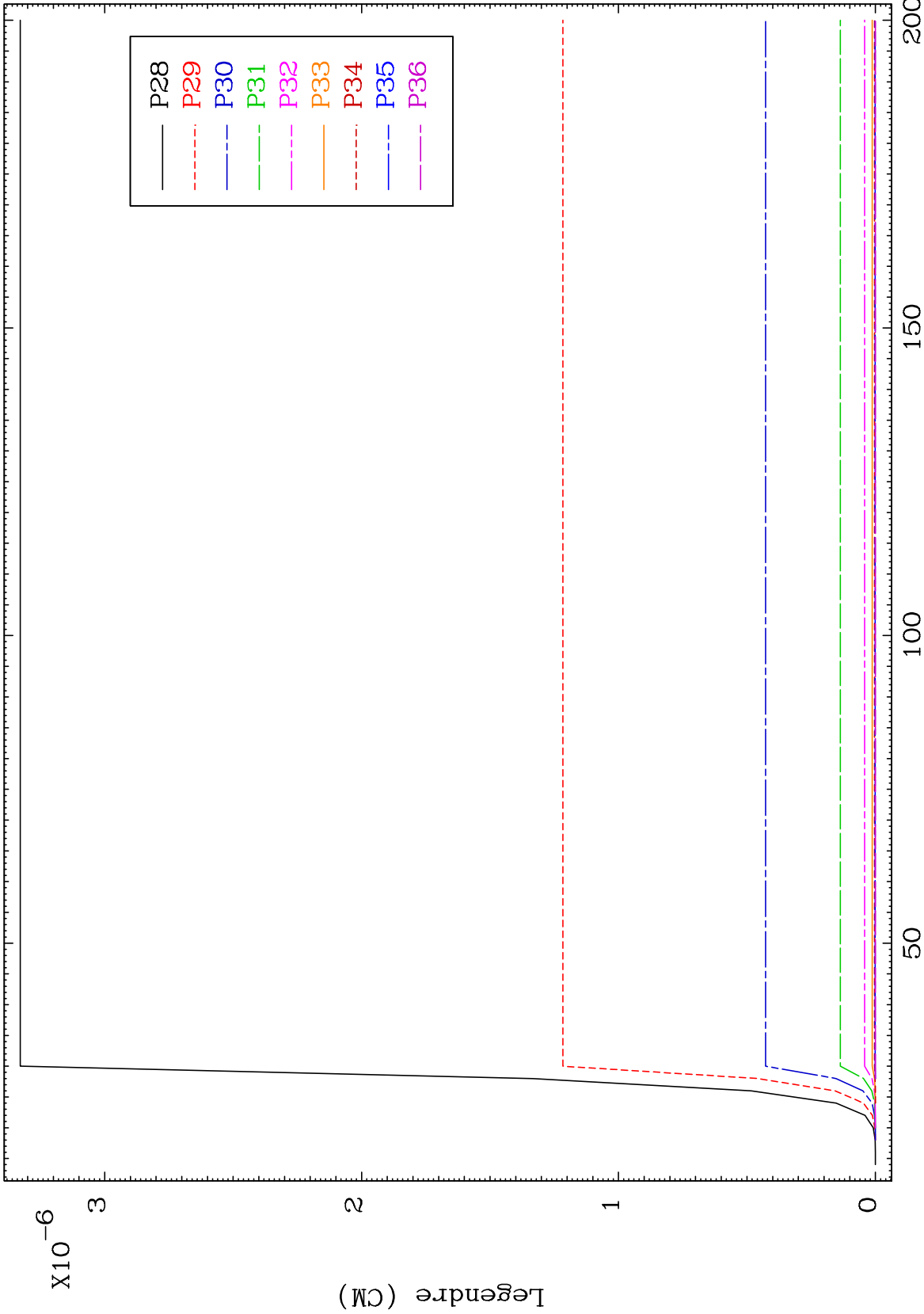
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



106

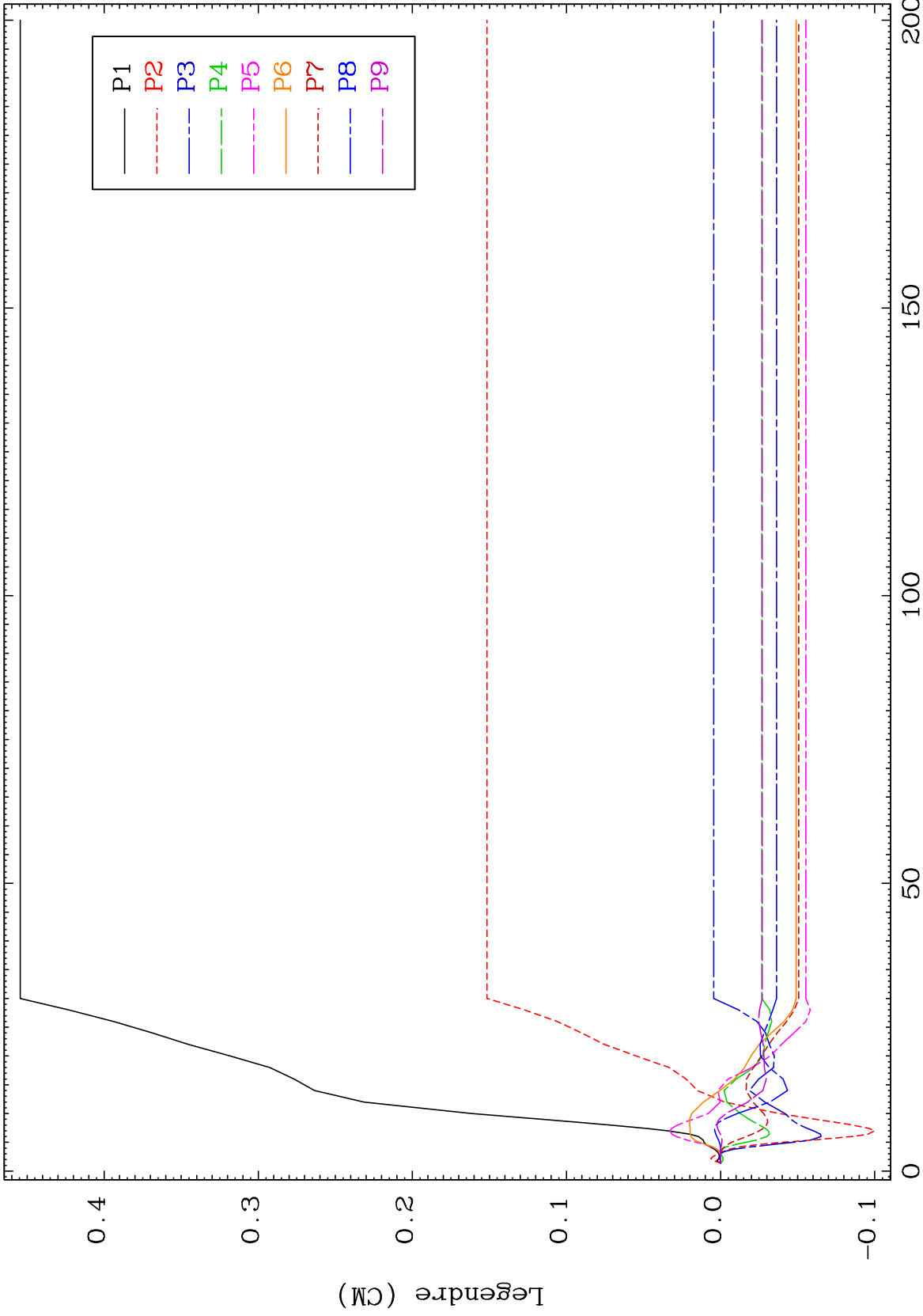
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



107

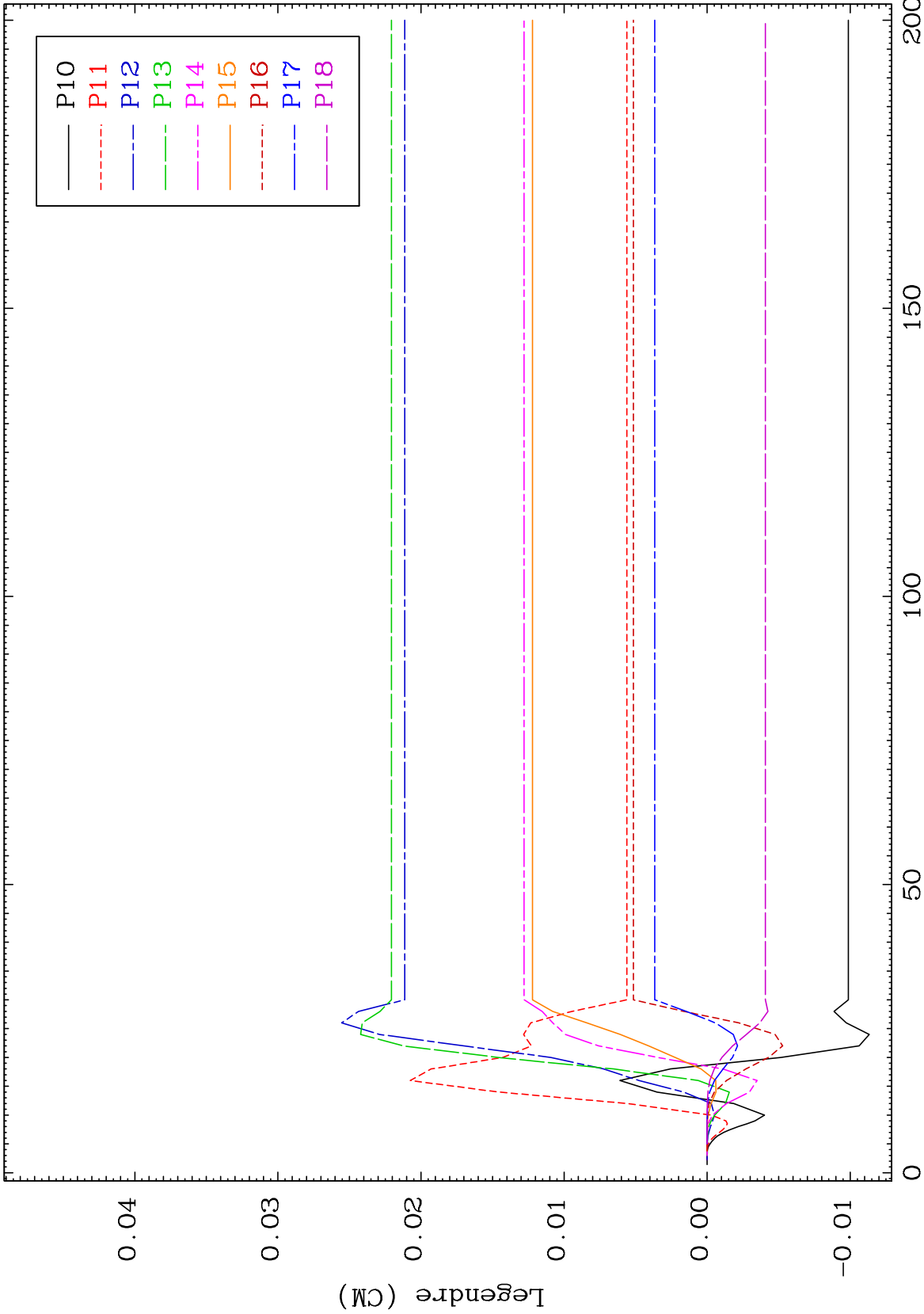
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



108

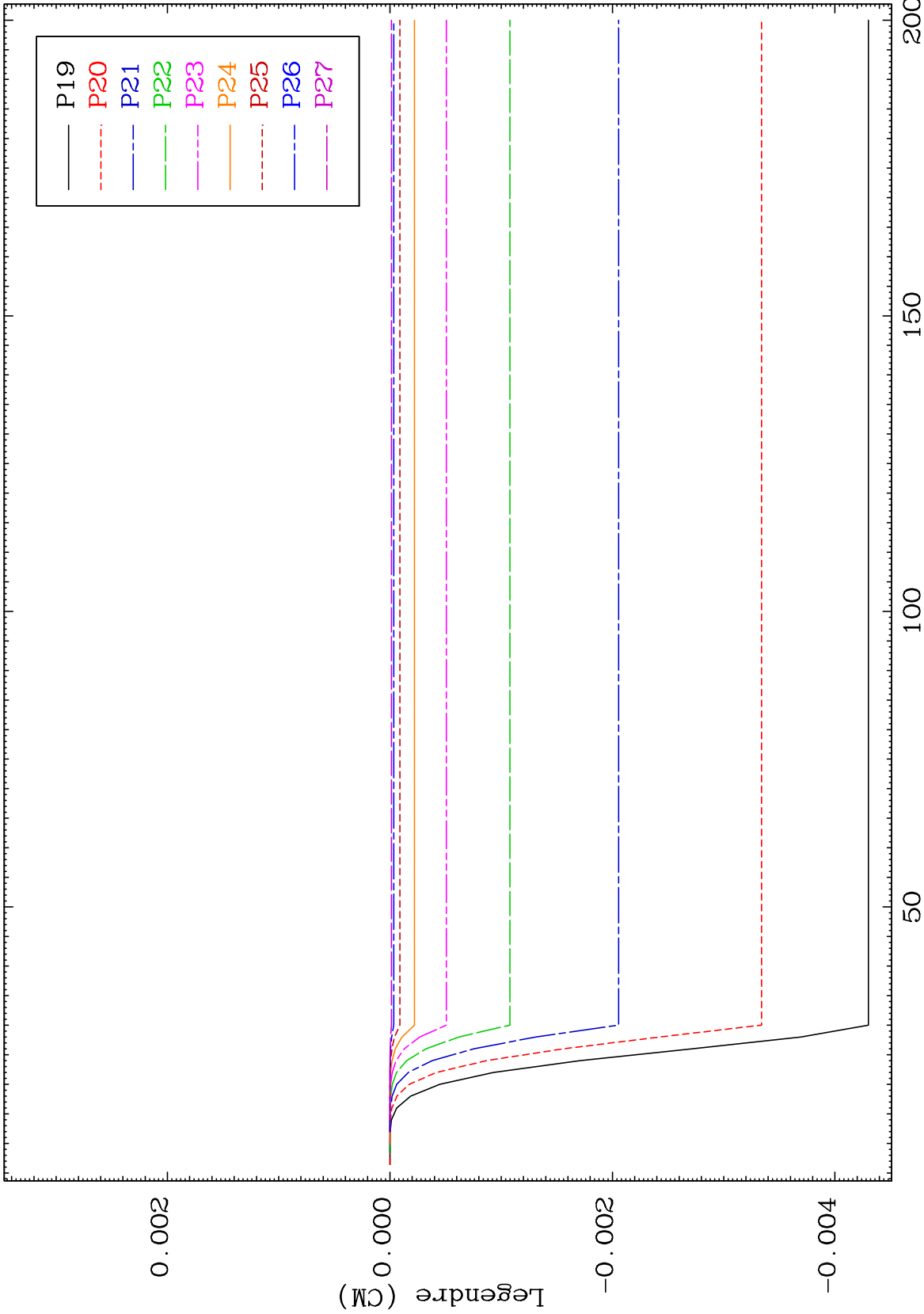
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



109

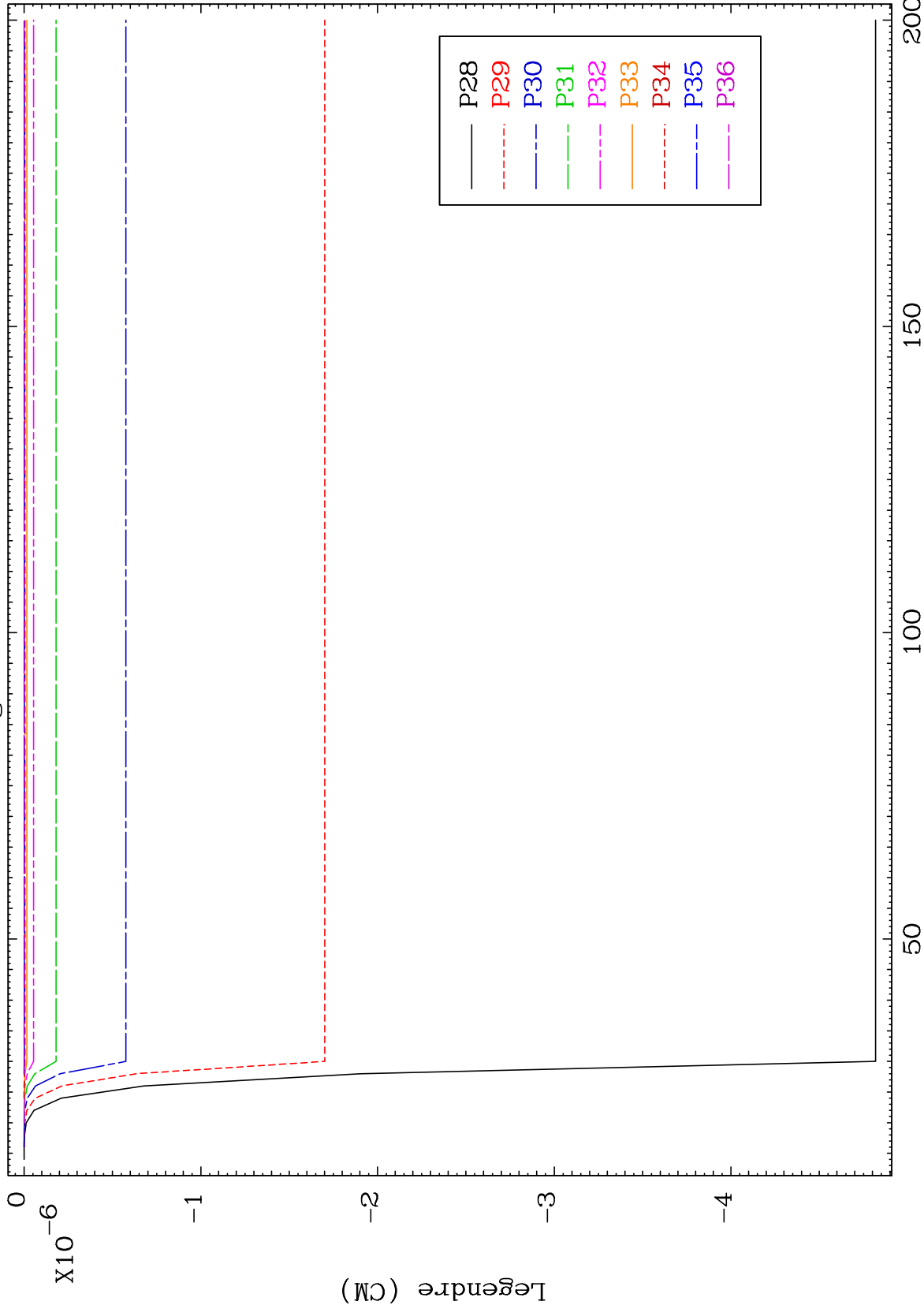
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

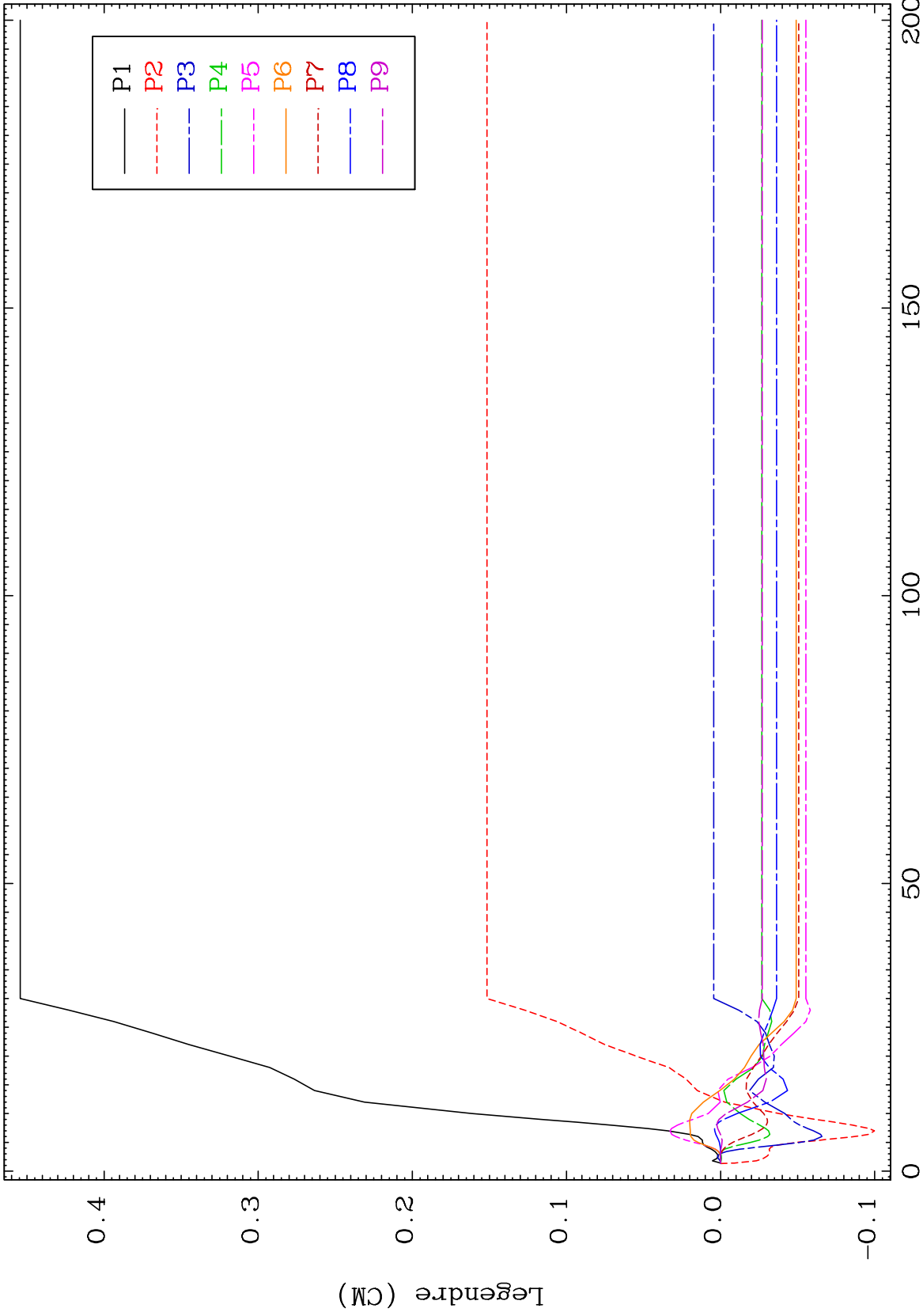
Incident Energy (MeV)

110

MAT 5740

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

57-La-143



111

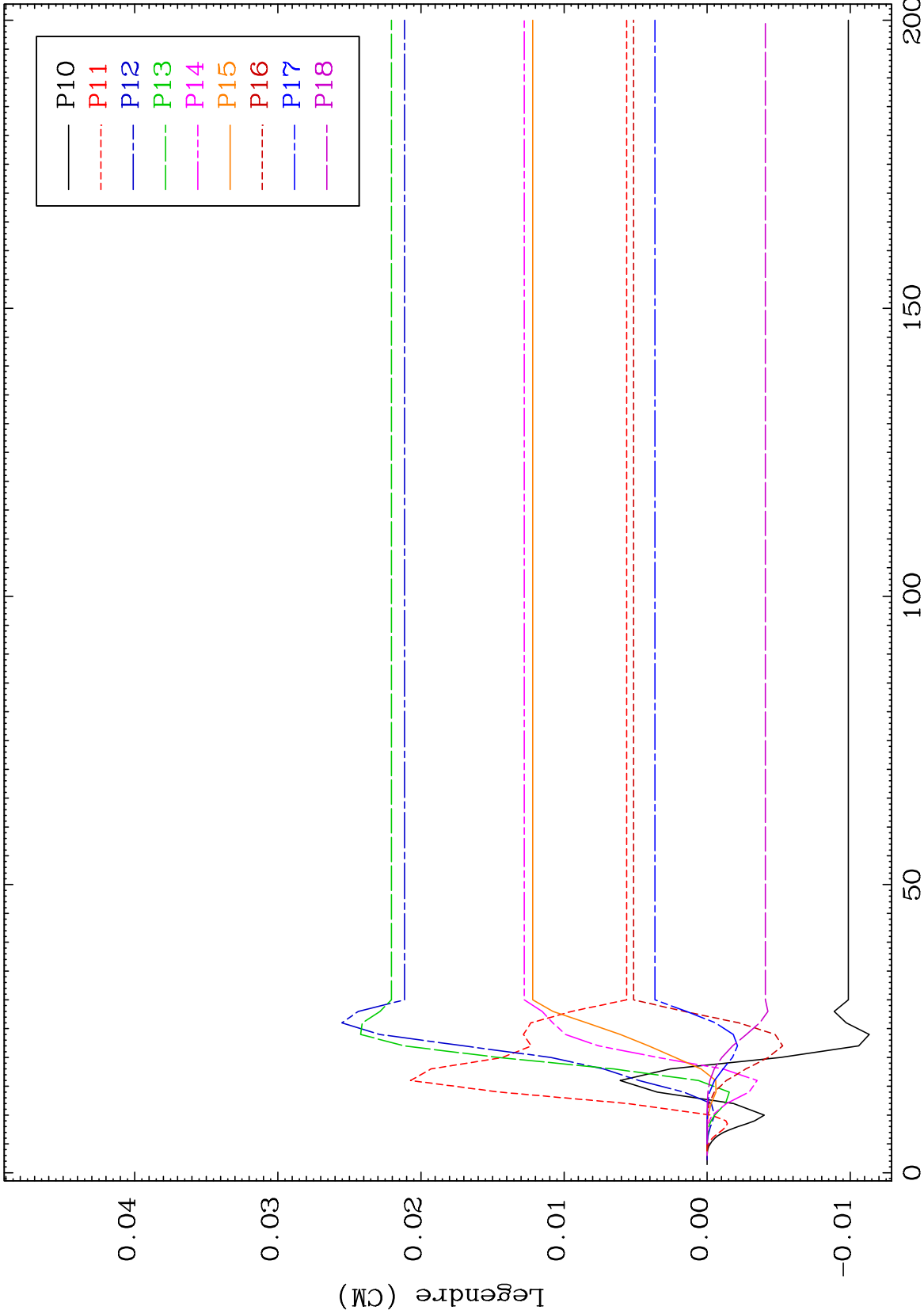
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



112

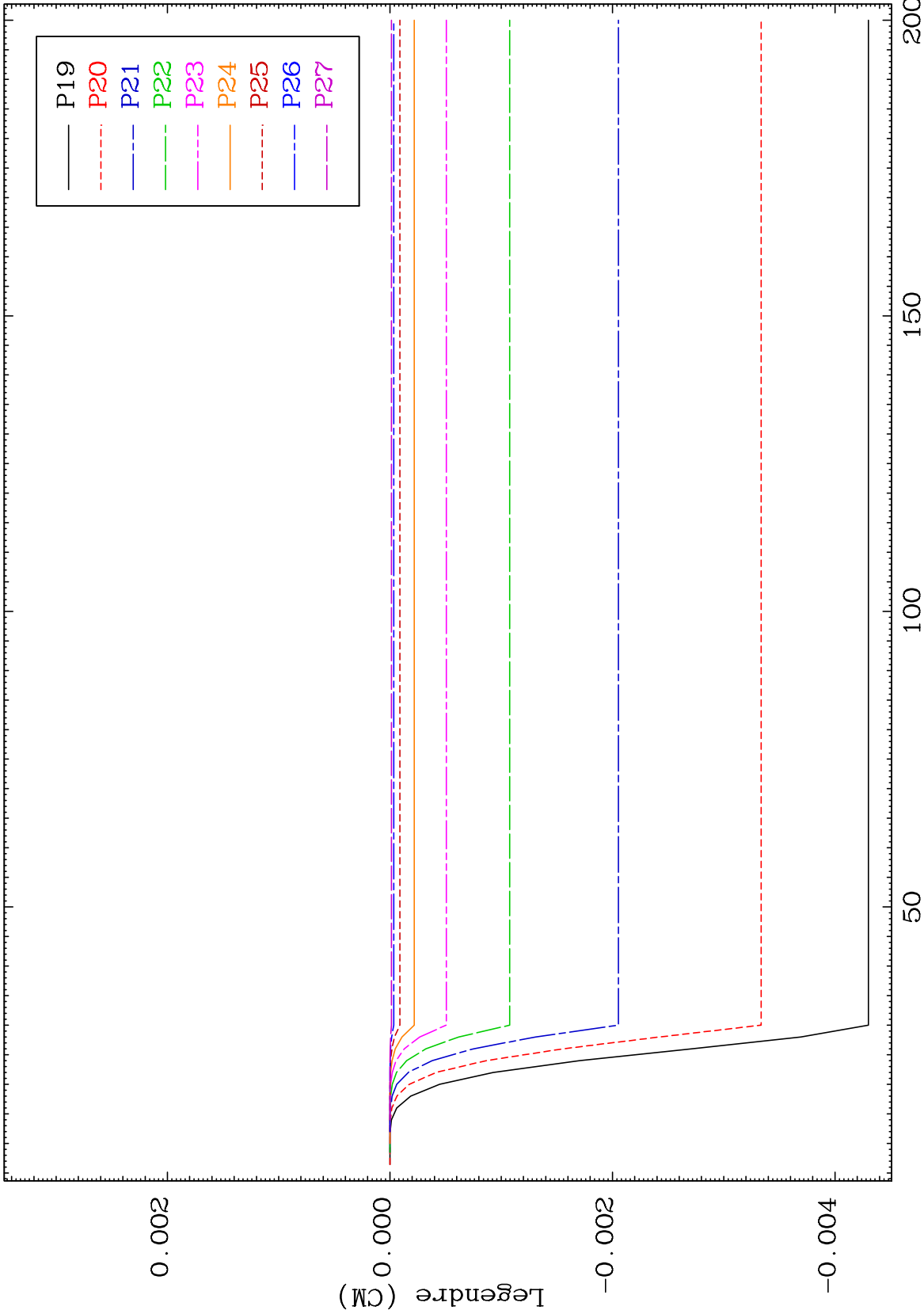
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143

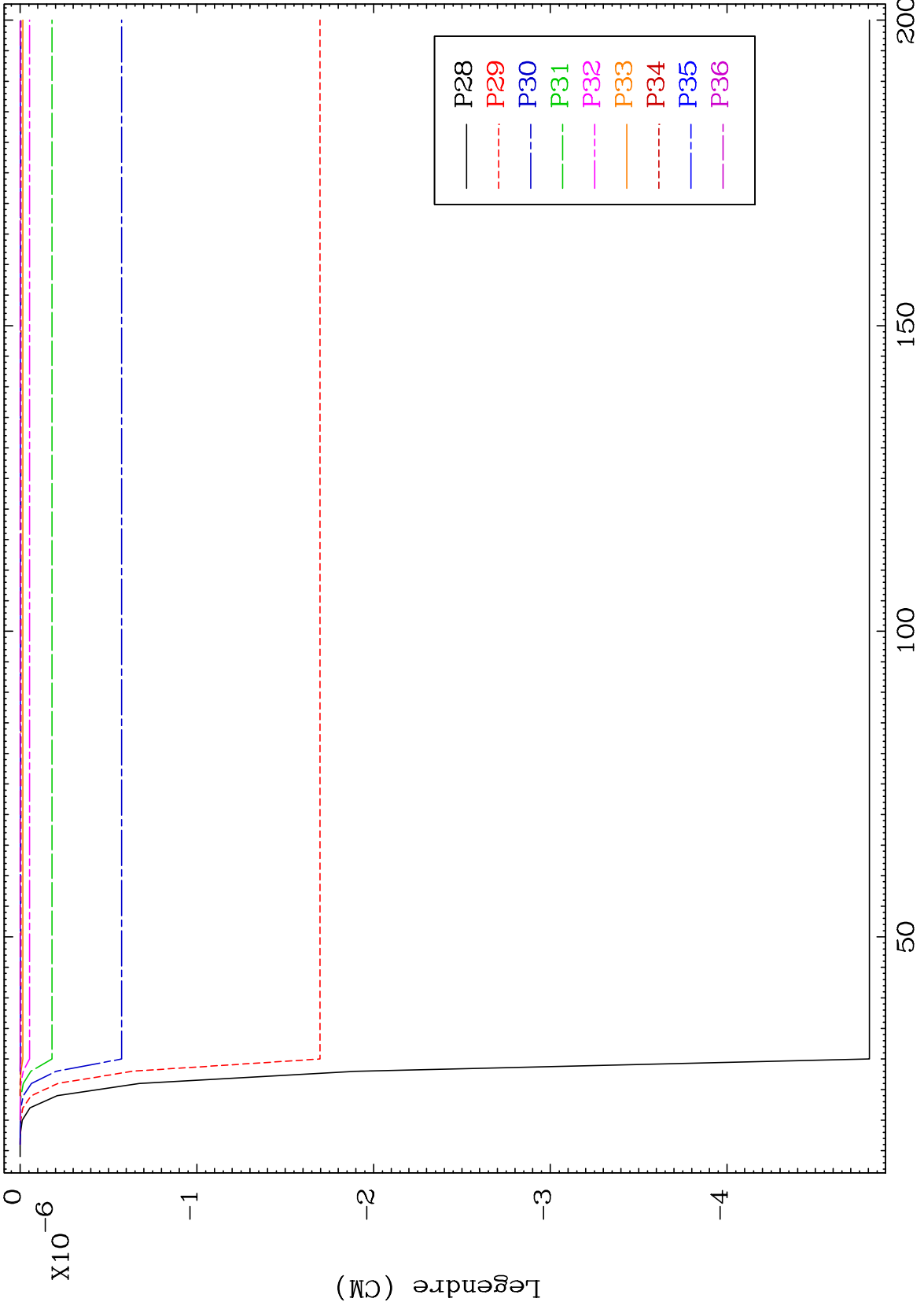


113

Incident Energy (MeV)

57-La-143

MAT 5740 MT= 74 (n,n') Level Legendre Coefficients 57-La-143

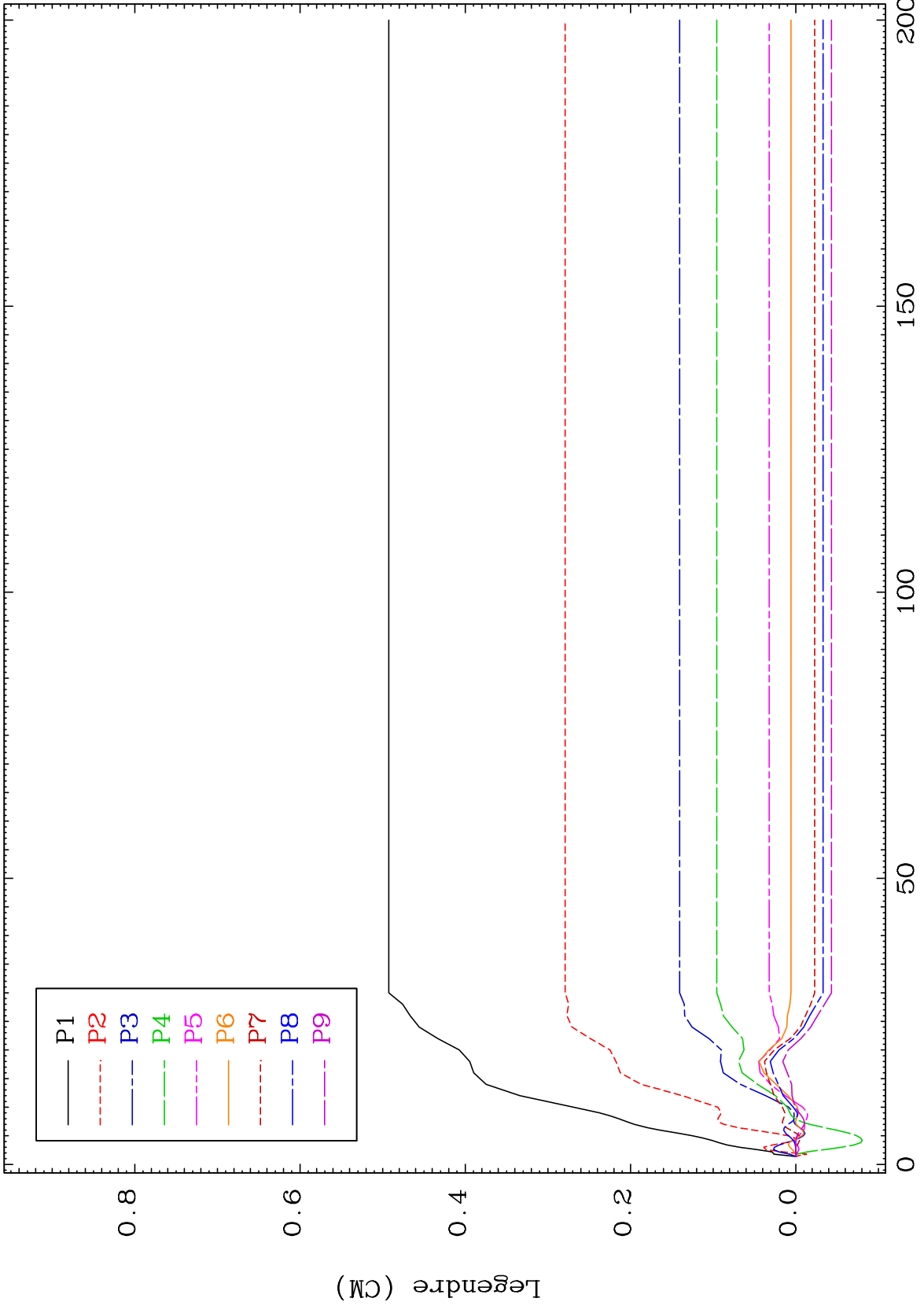


114 57-La-143

MAT 5740

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

57-La-143



115

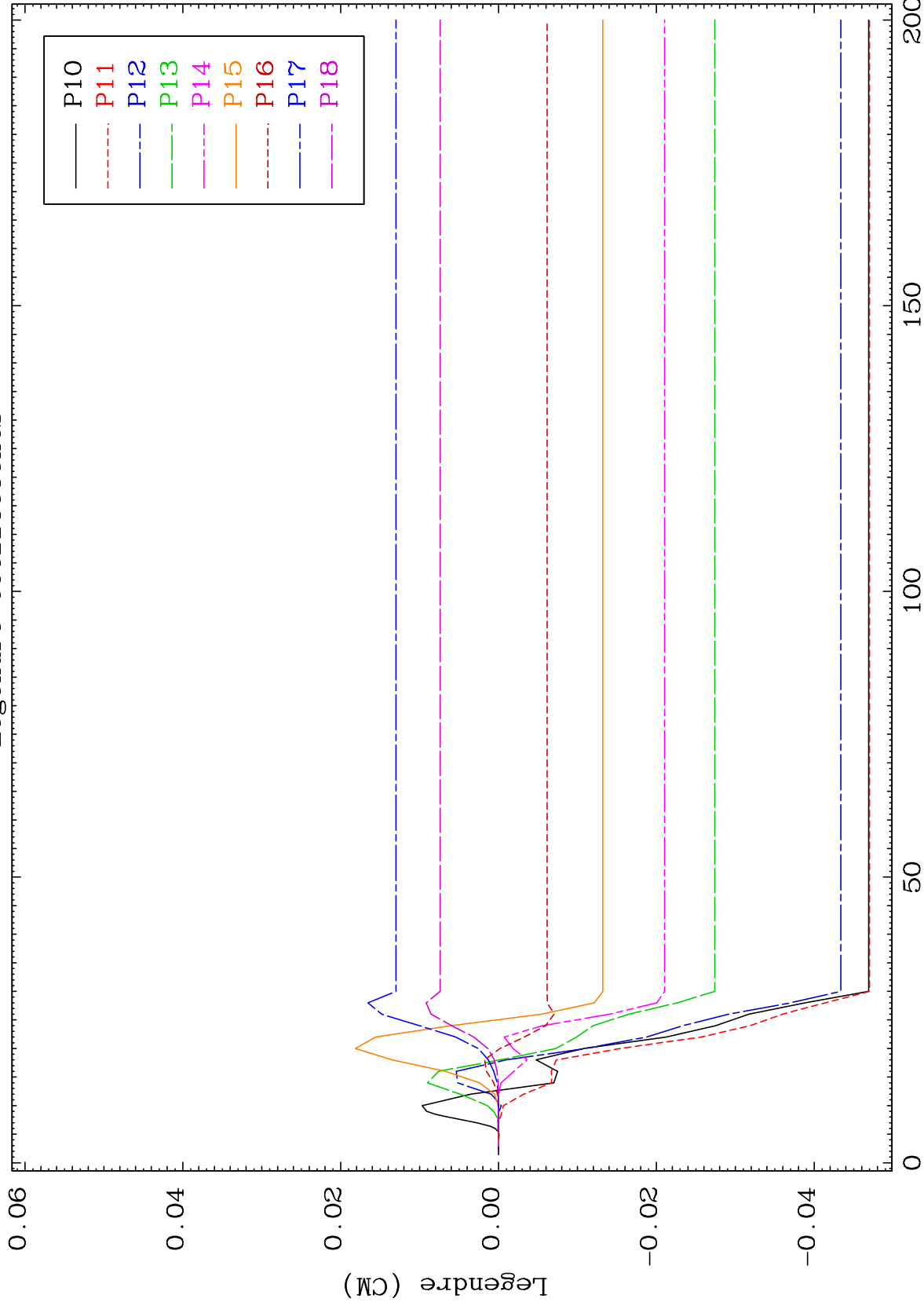
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



116

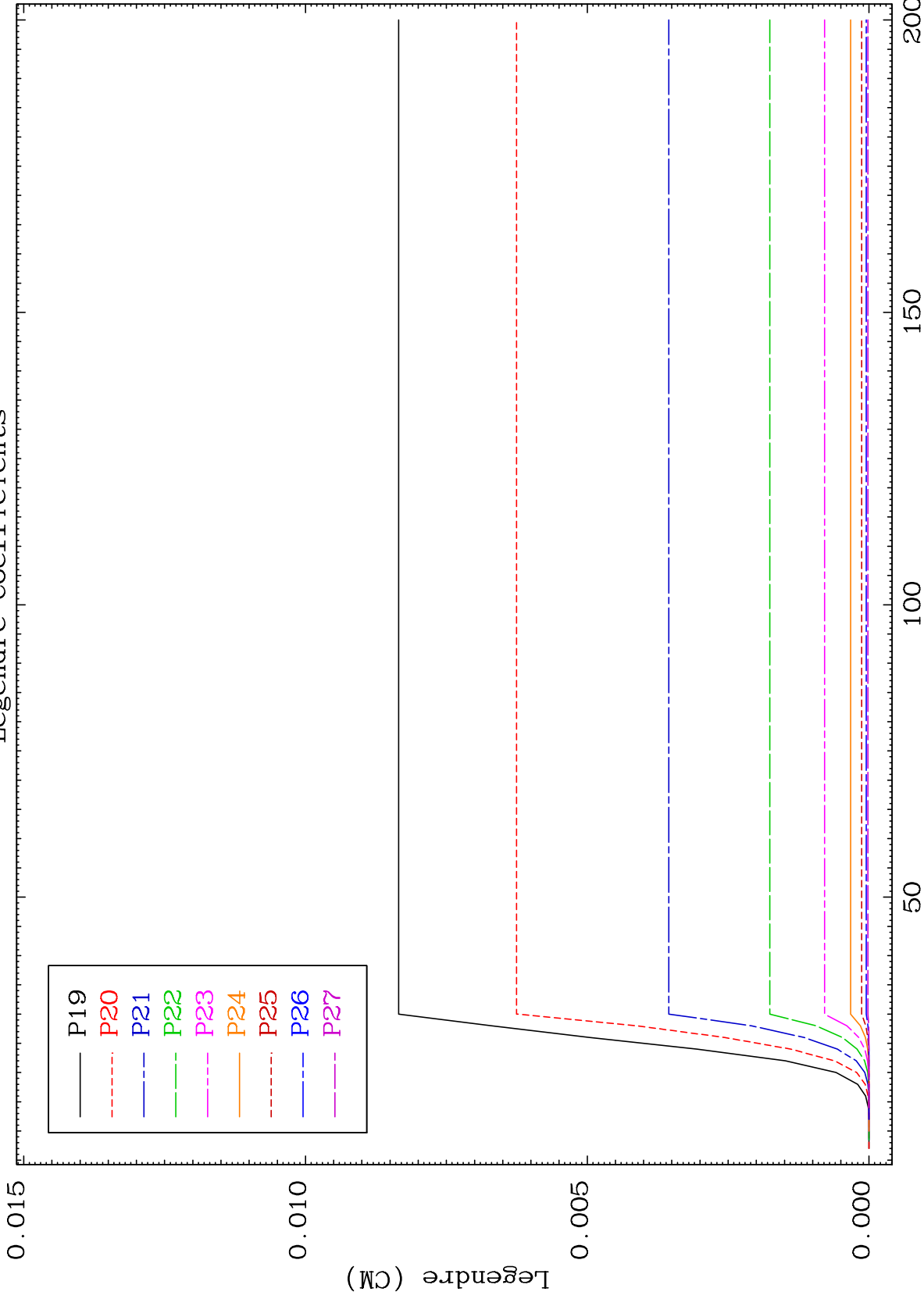
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



117

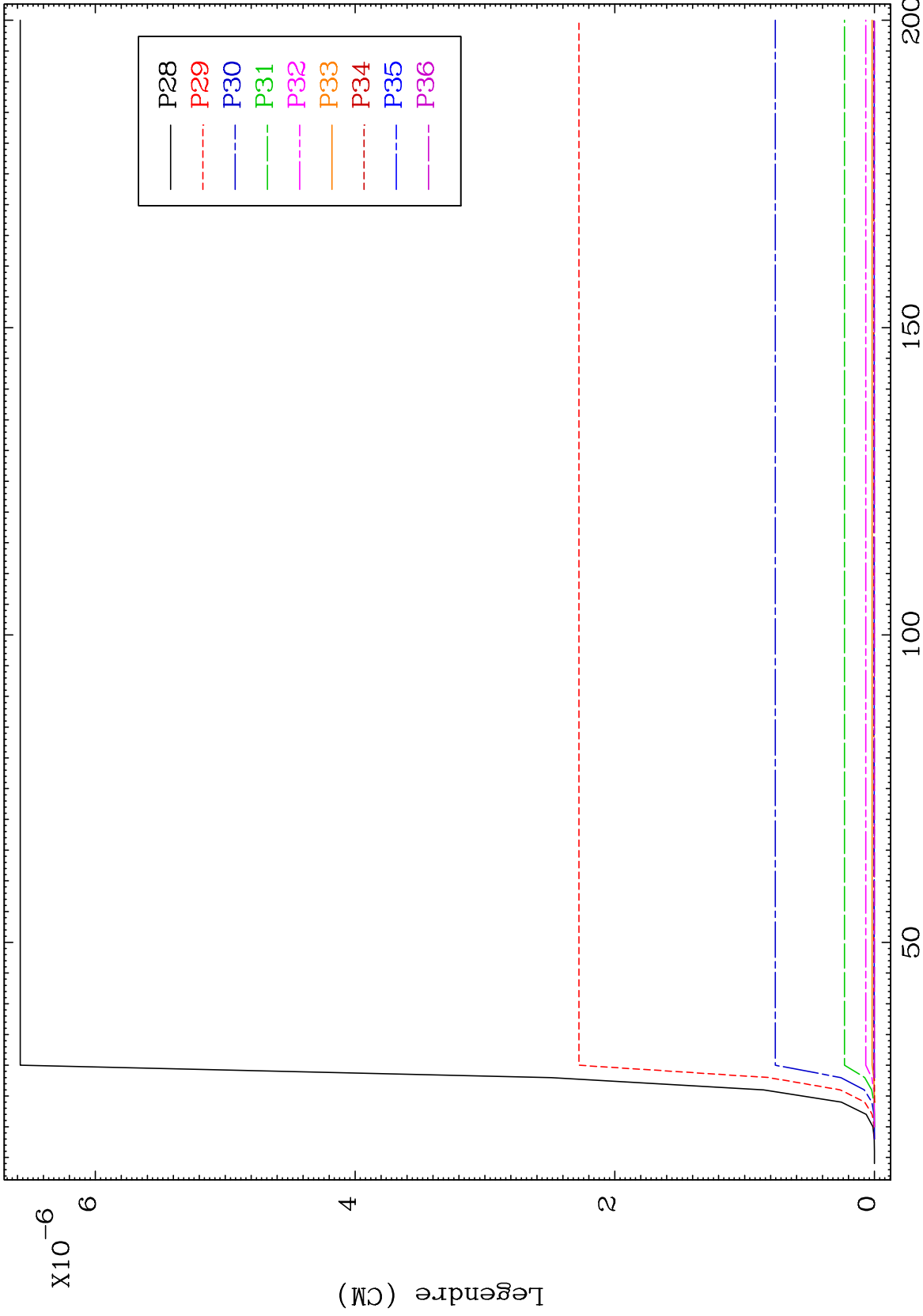
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



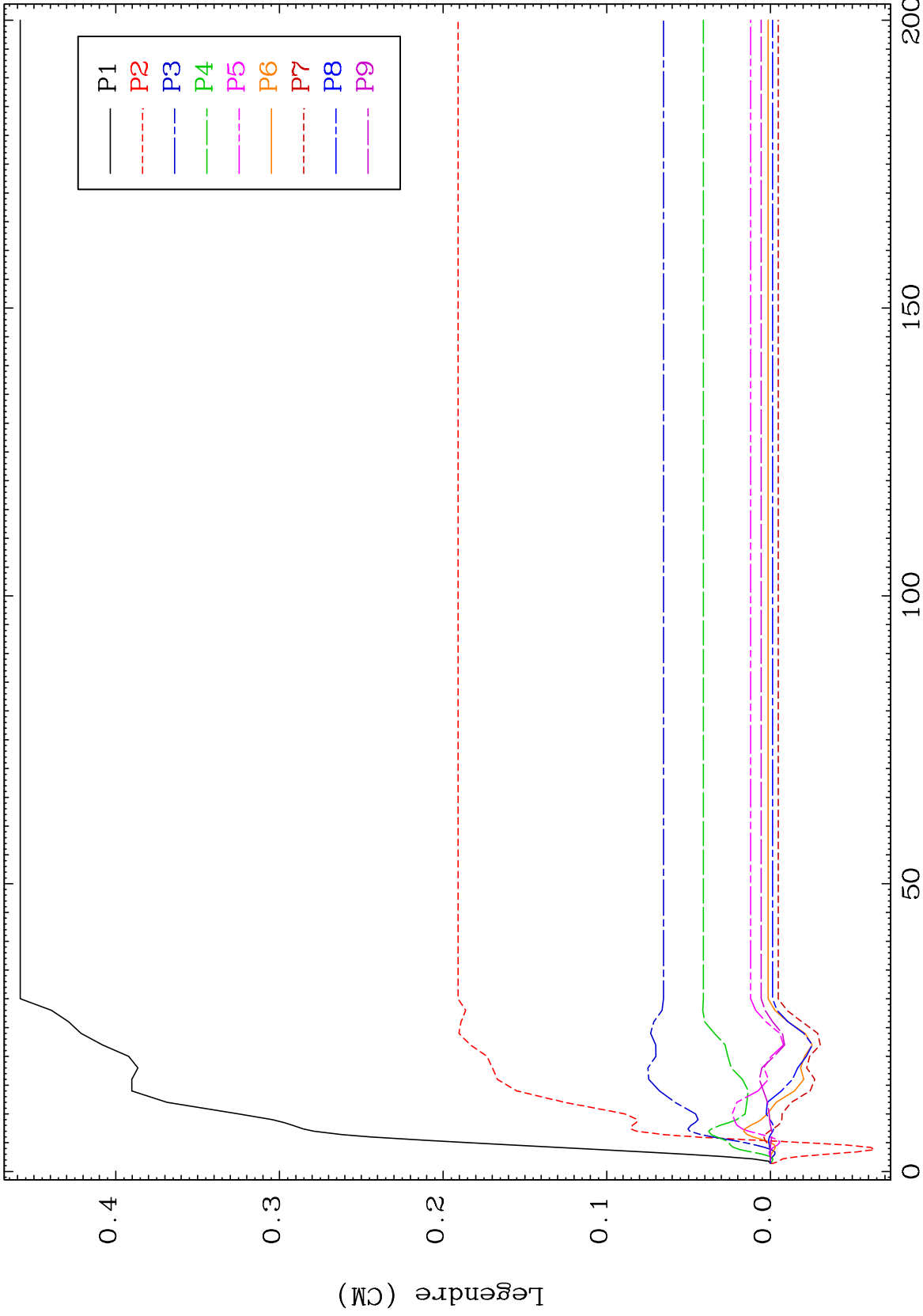
118

57-La-143

MAT 5740

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

57-La-143



119

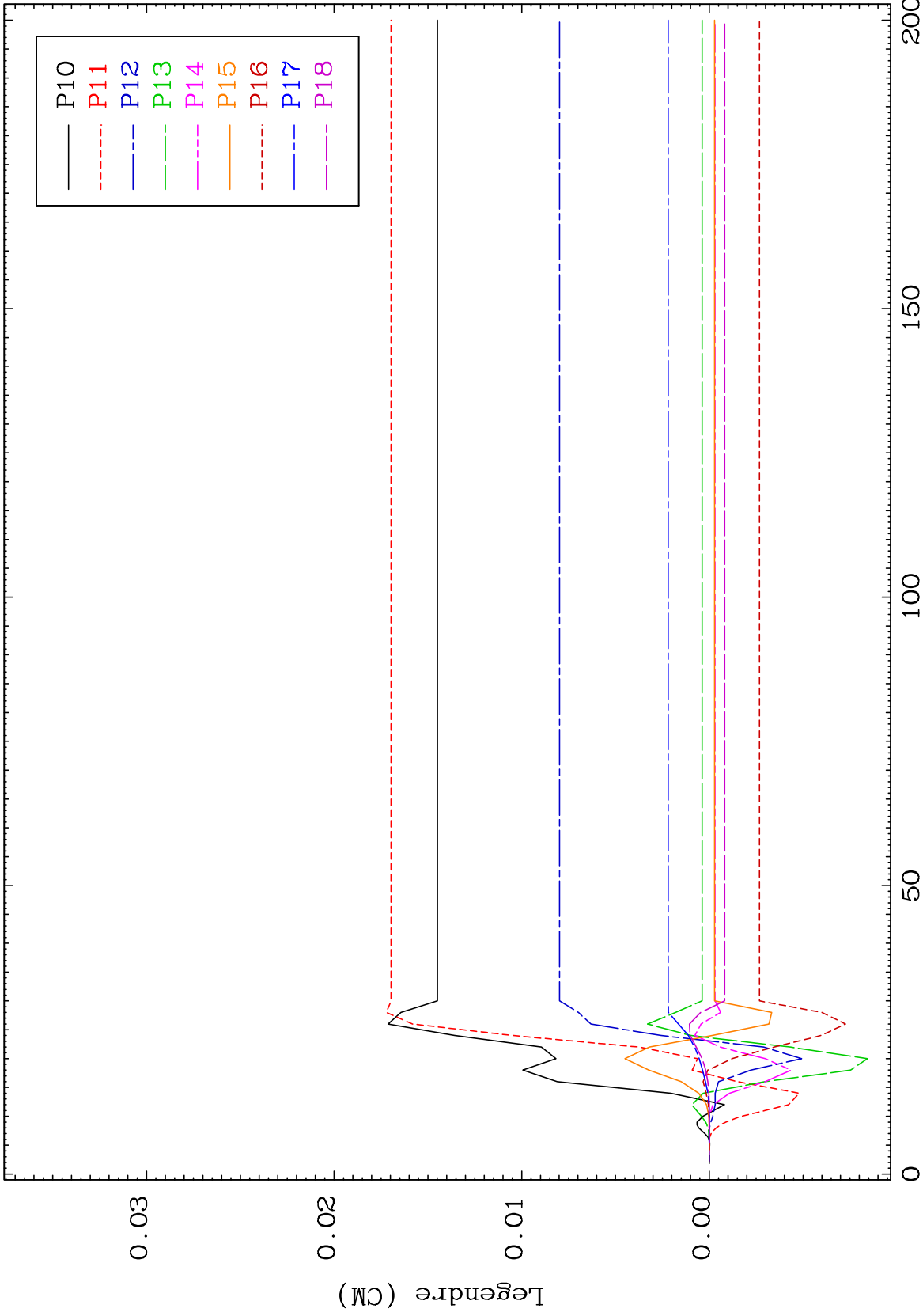
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



120

Incident Energy (MeV)

150

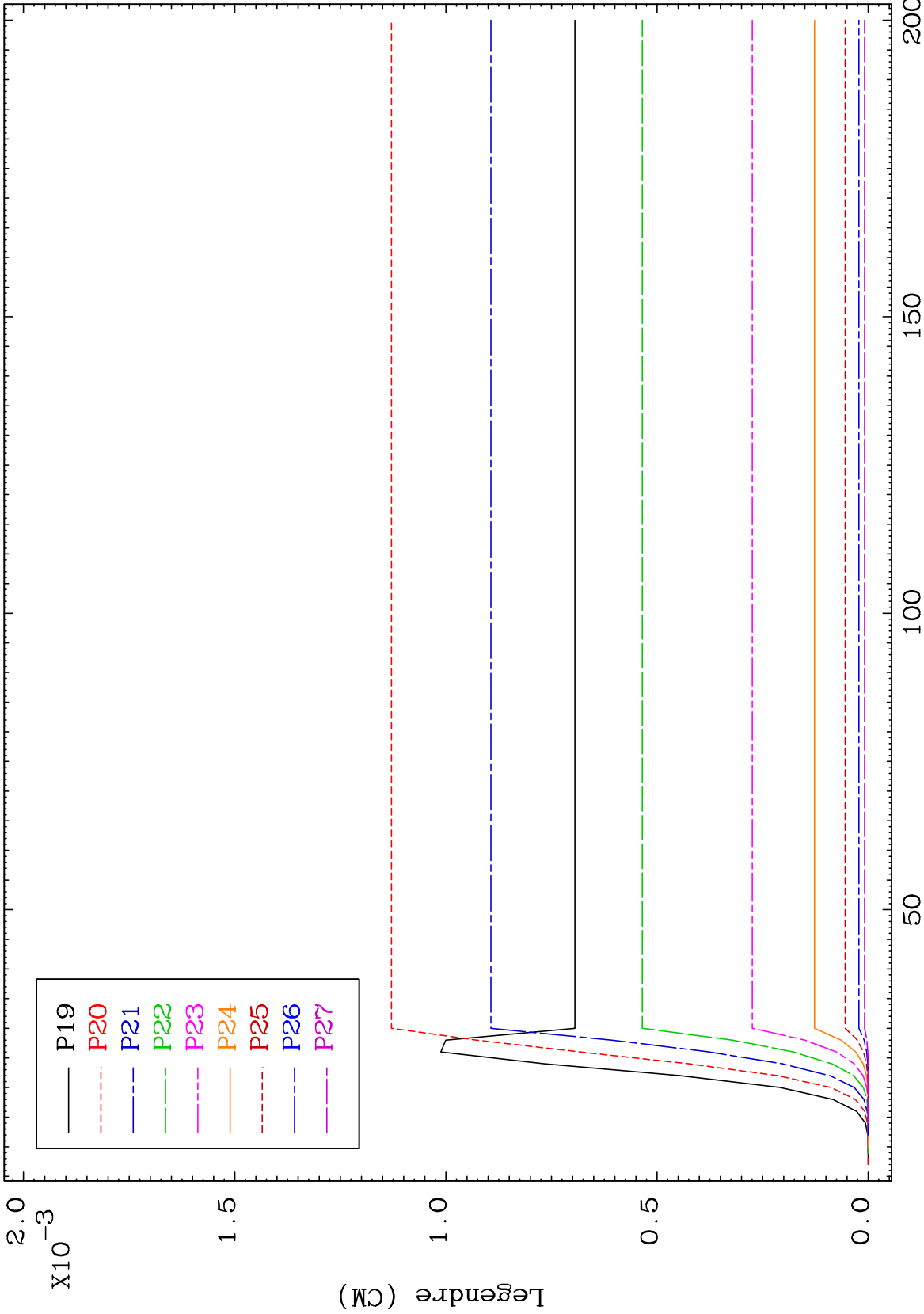
57-La-143

200

MAT 5740

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

57-La-143



121

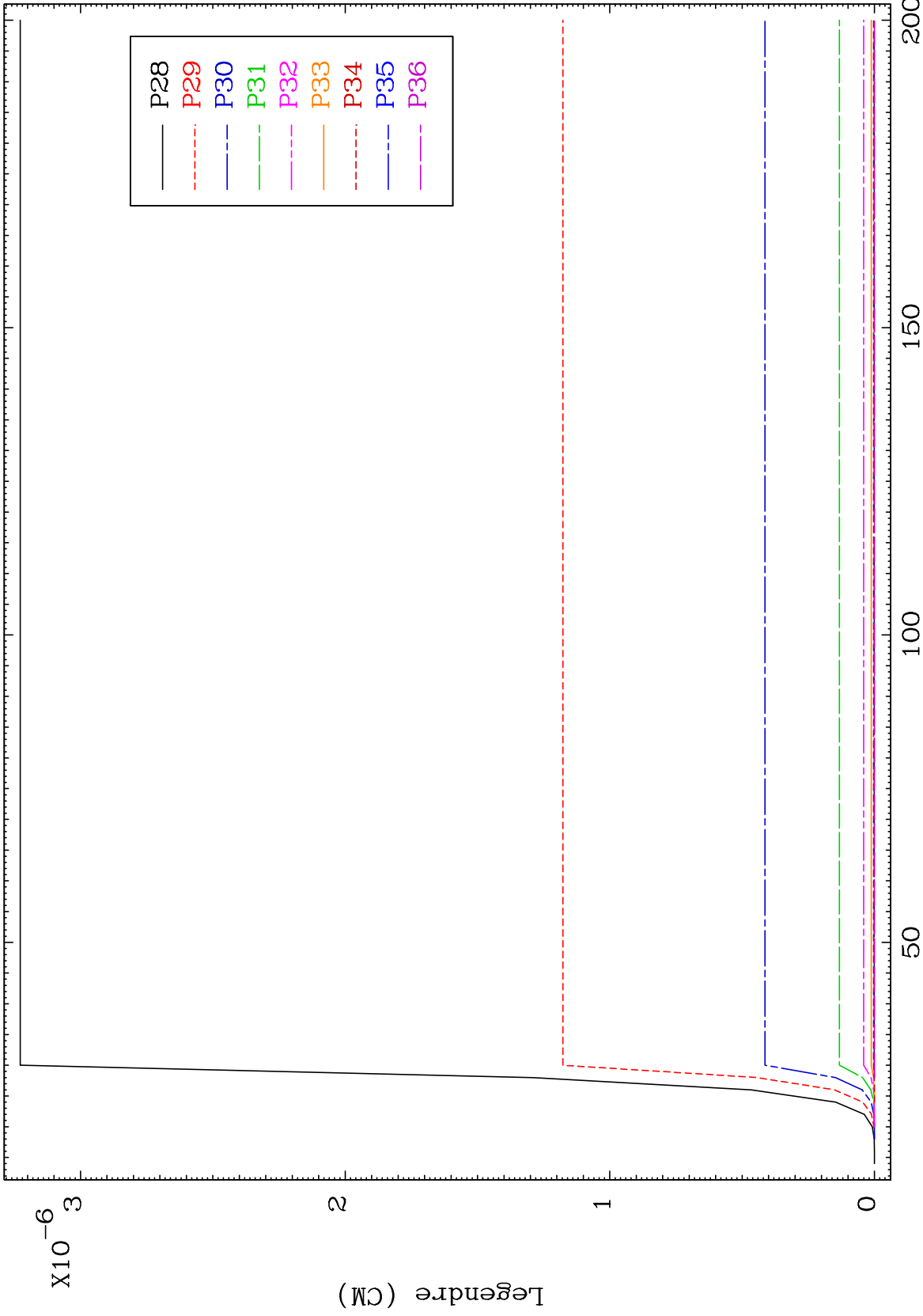
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143

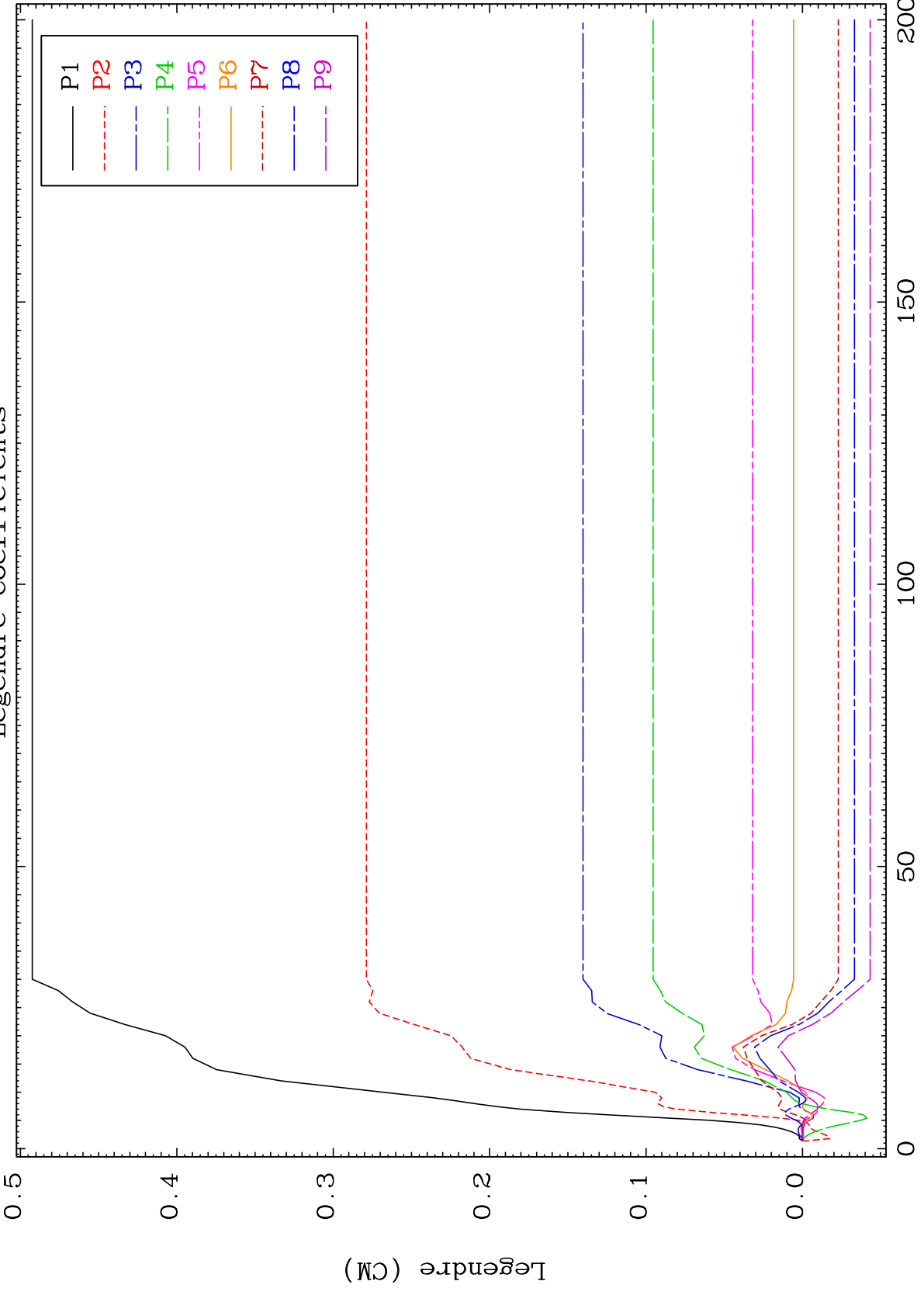


122

57-La-143

57-La-143

MAT 5740 MT= 77 (n,n') Level Legendre Coefficients 57-La-143

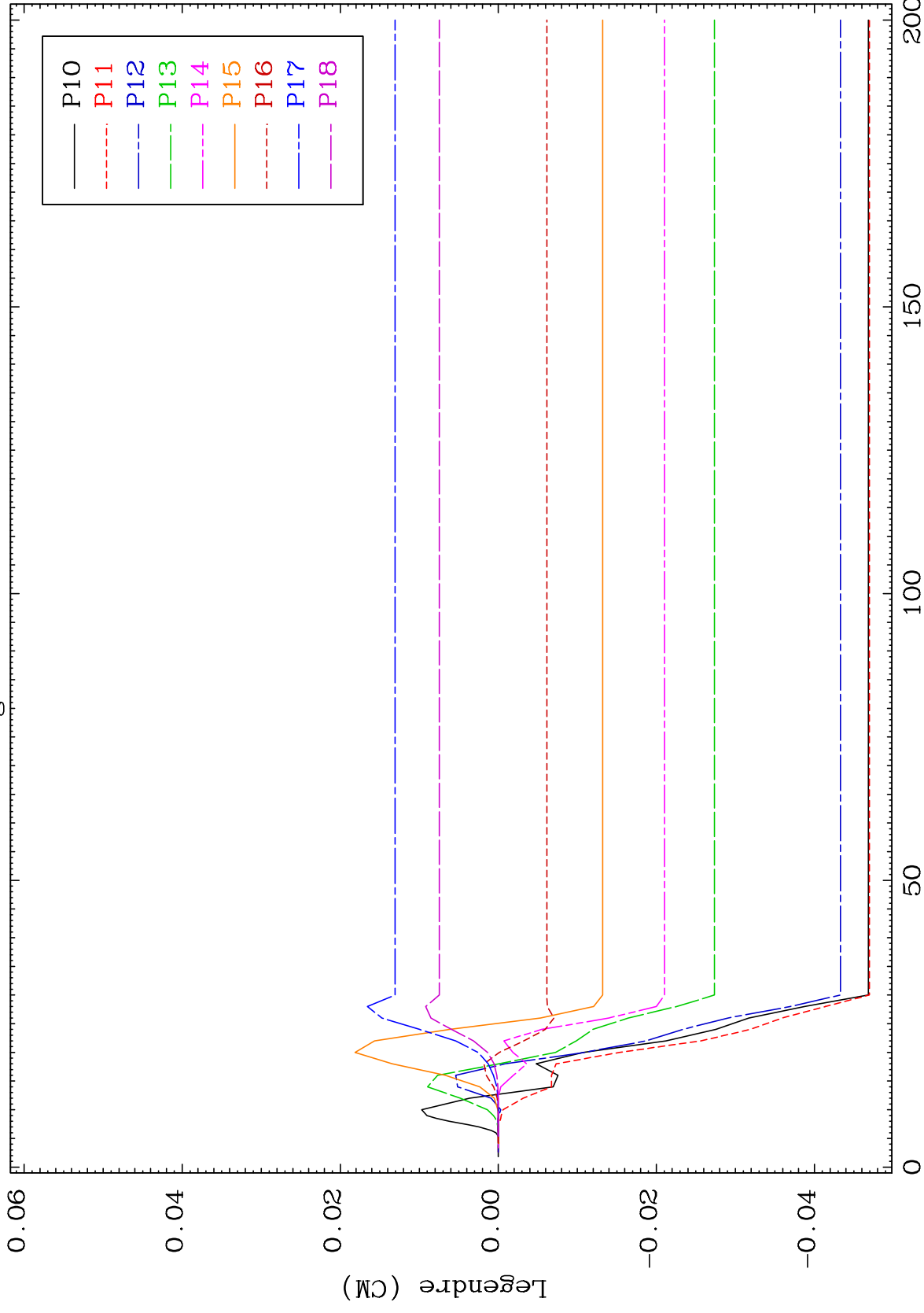


123 57-La-143

MAT 5740

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

57-La-143



124

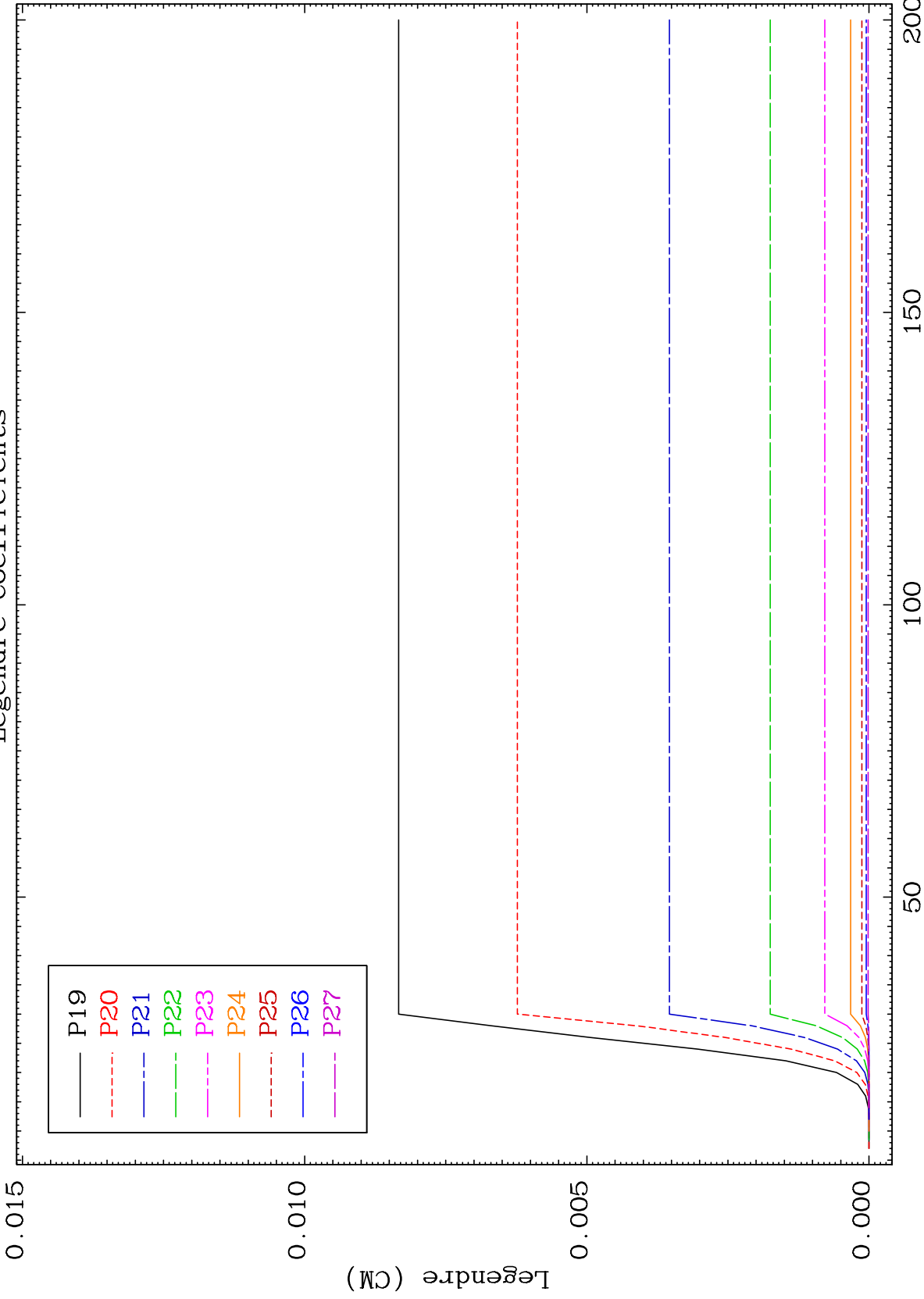
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



125

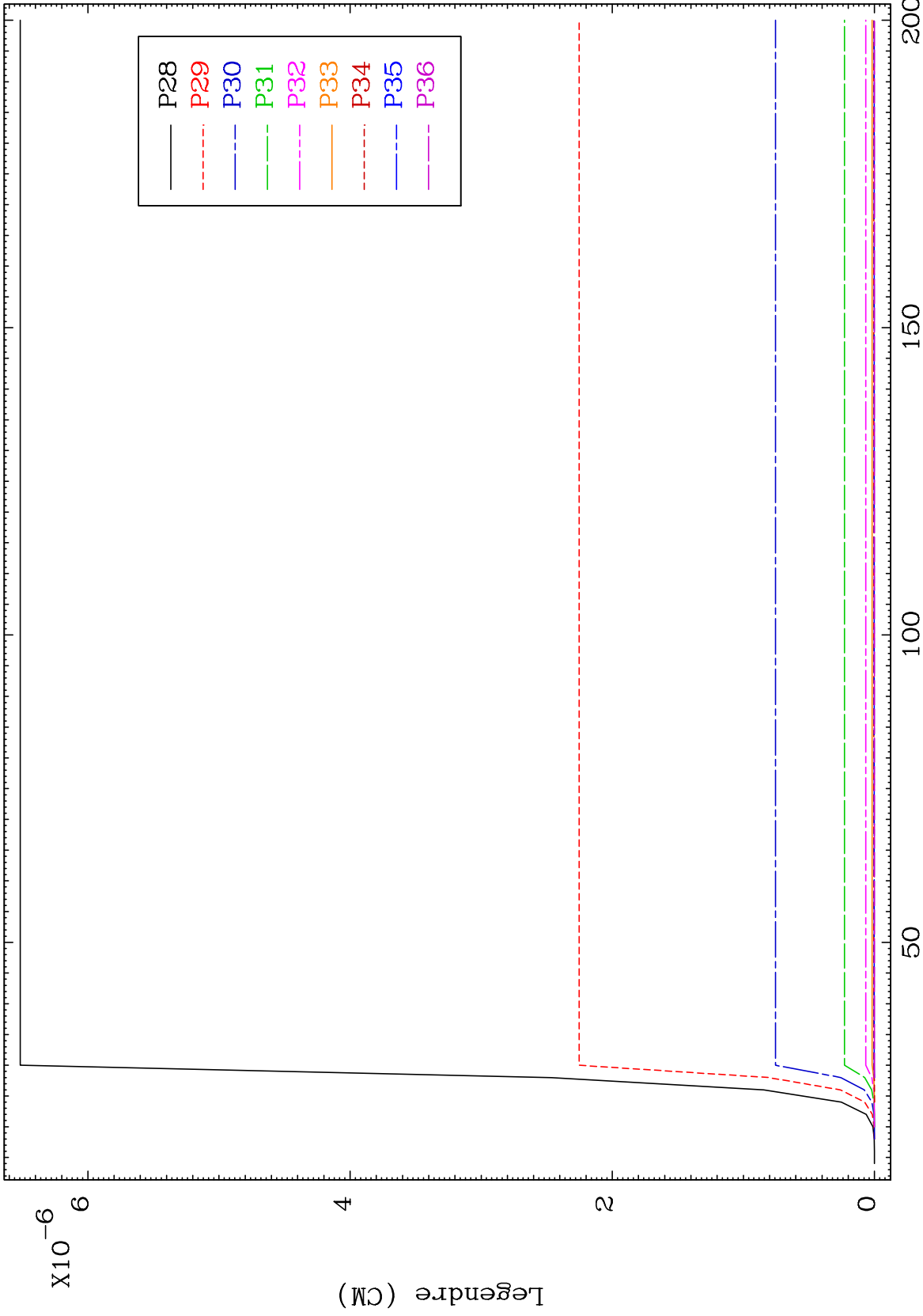
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



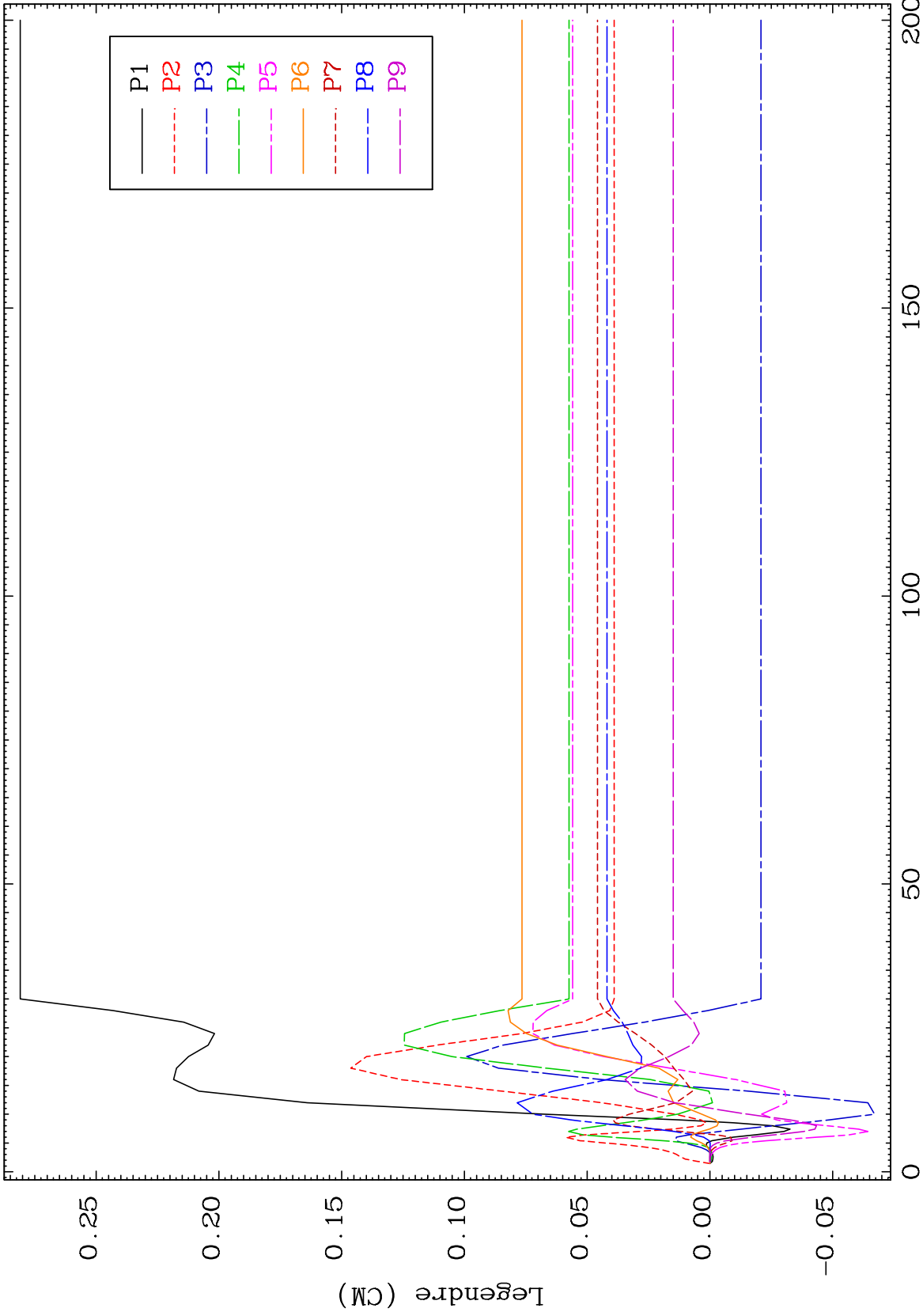
126

57-La-143

MAT 5740

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

57-La-143



57-La-143

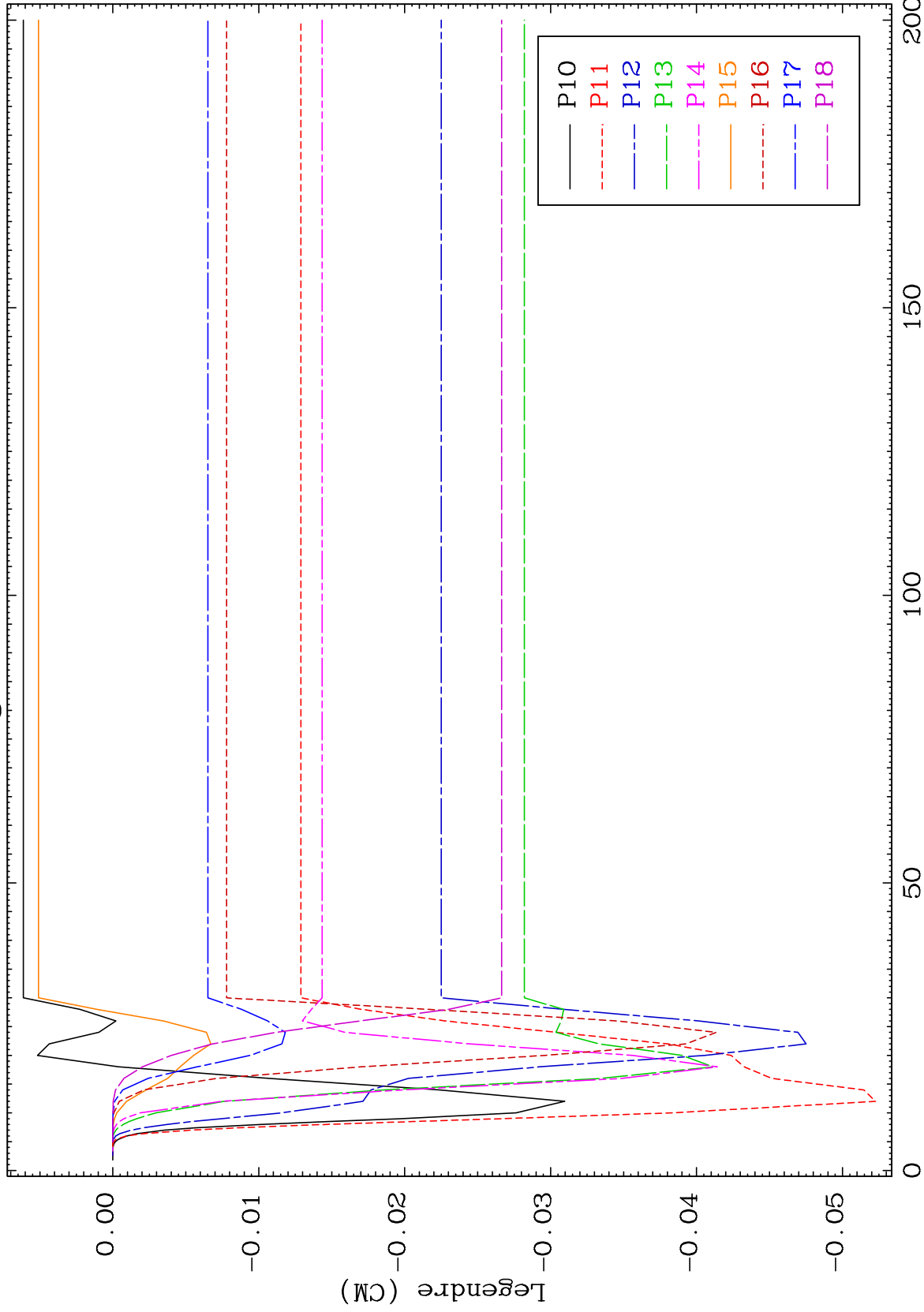
Incident Energy (MeV)

127

MAT 5740

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

57-La-143



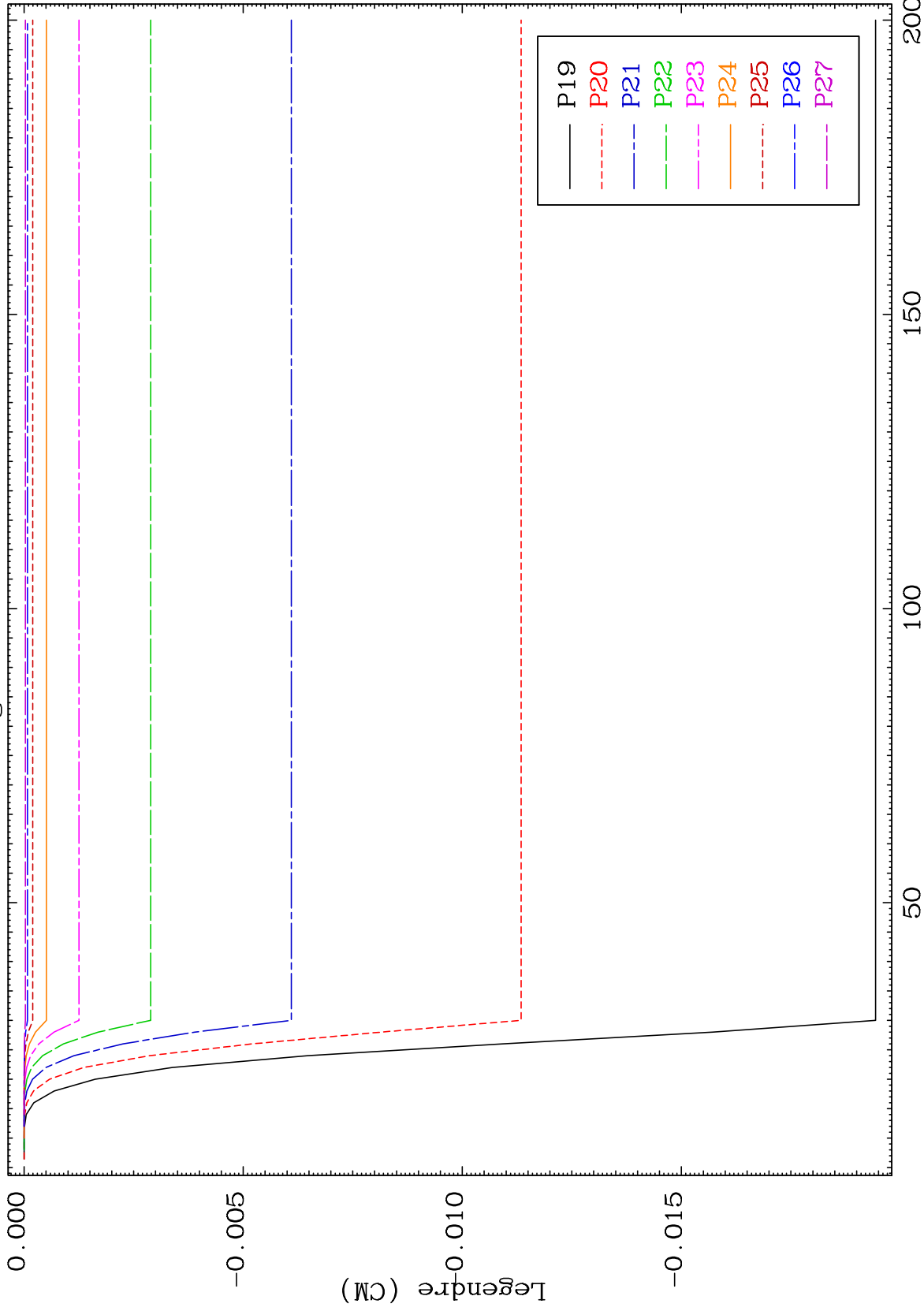
128

57-La-143

MAT 5740

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

57-La-143



129

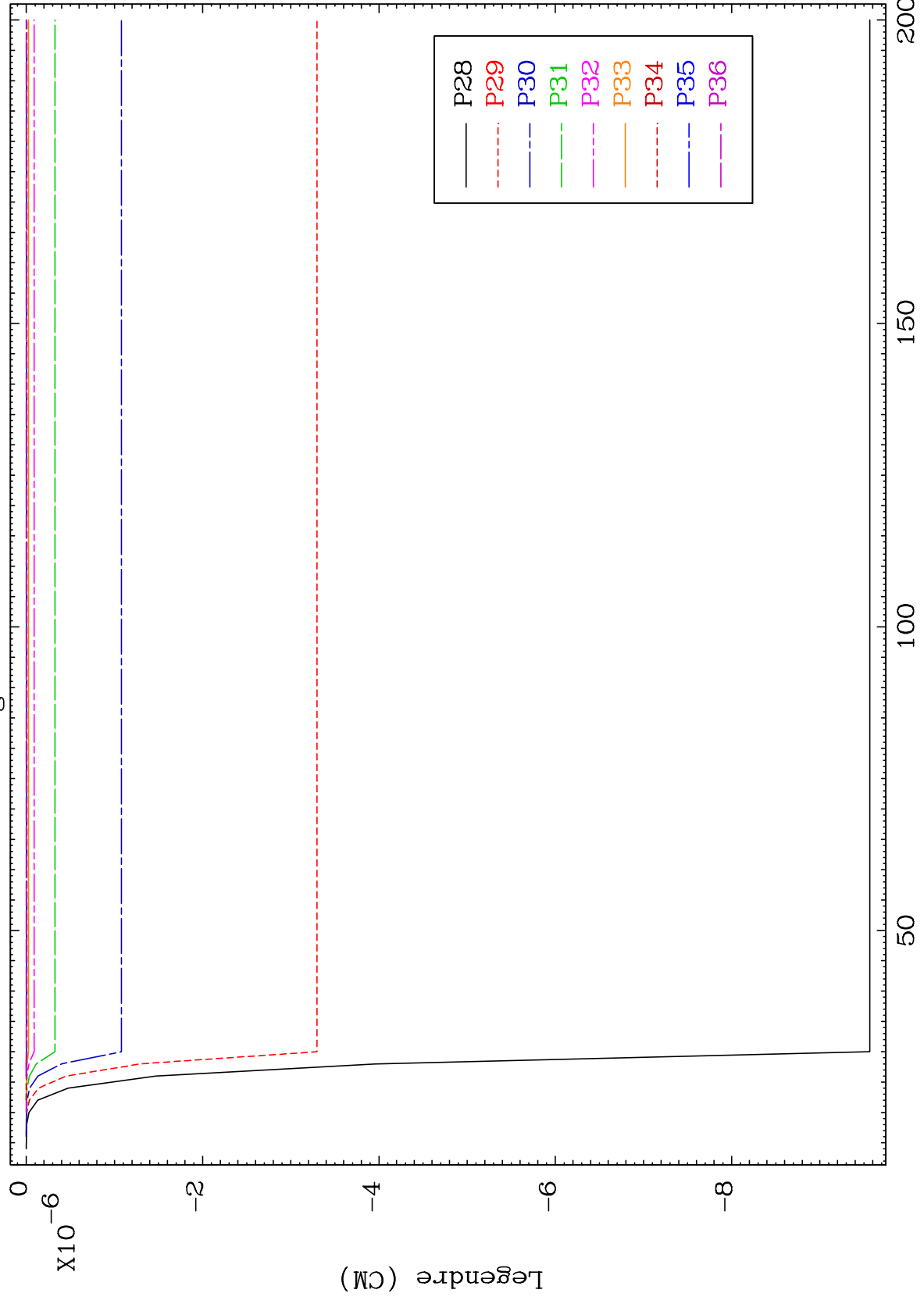
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

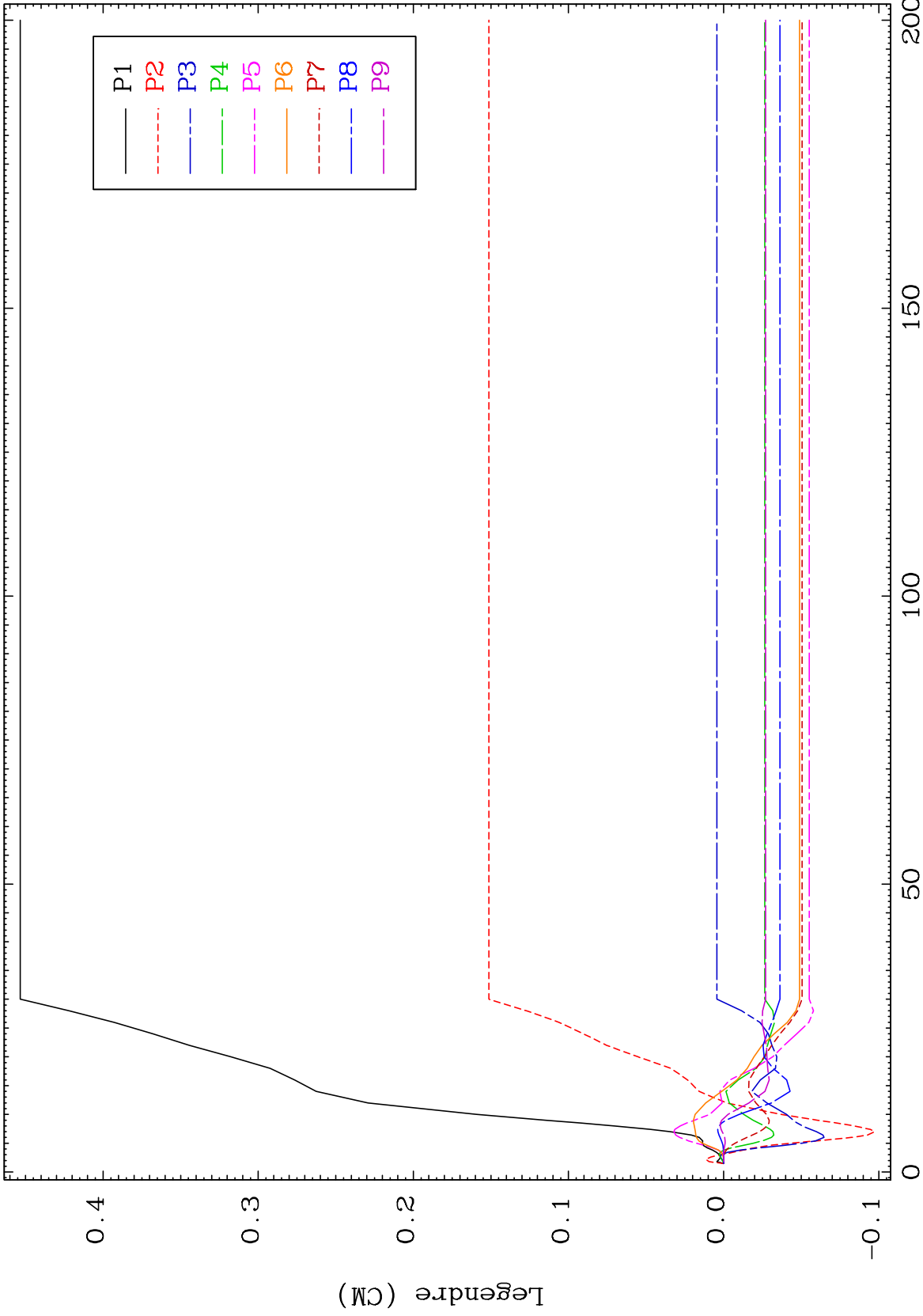
Incident Energy (MeV)

130

MAT 5740

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

57-La-143



131

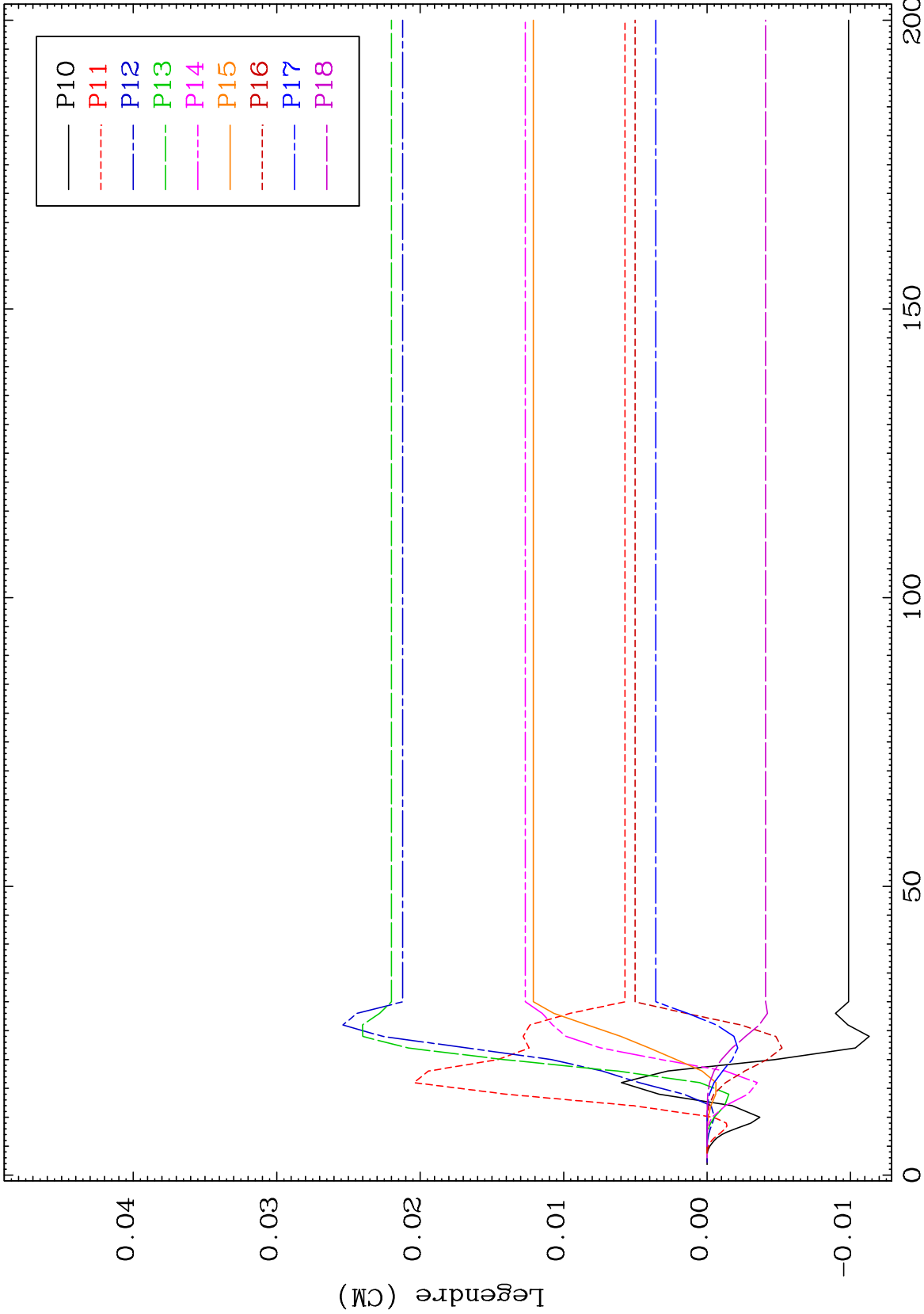
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



132

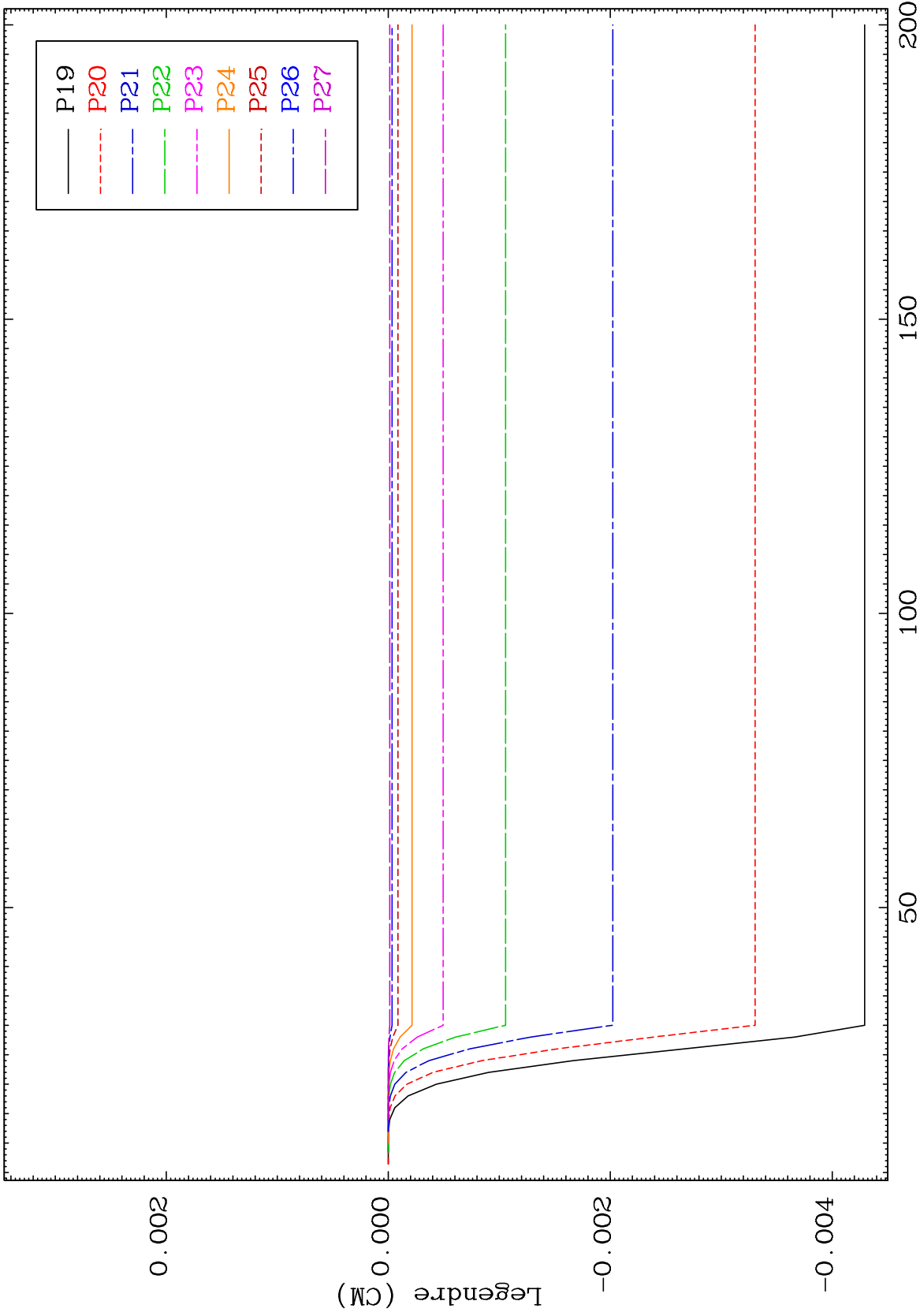
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



133

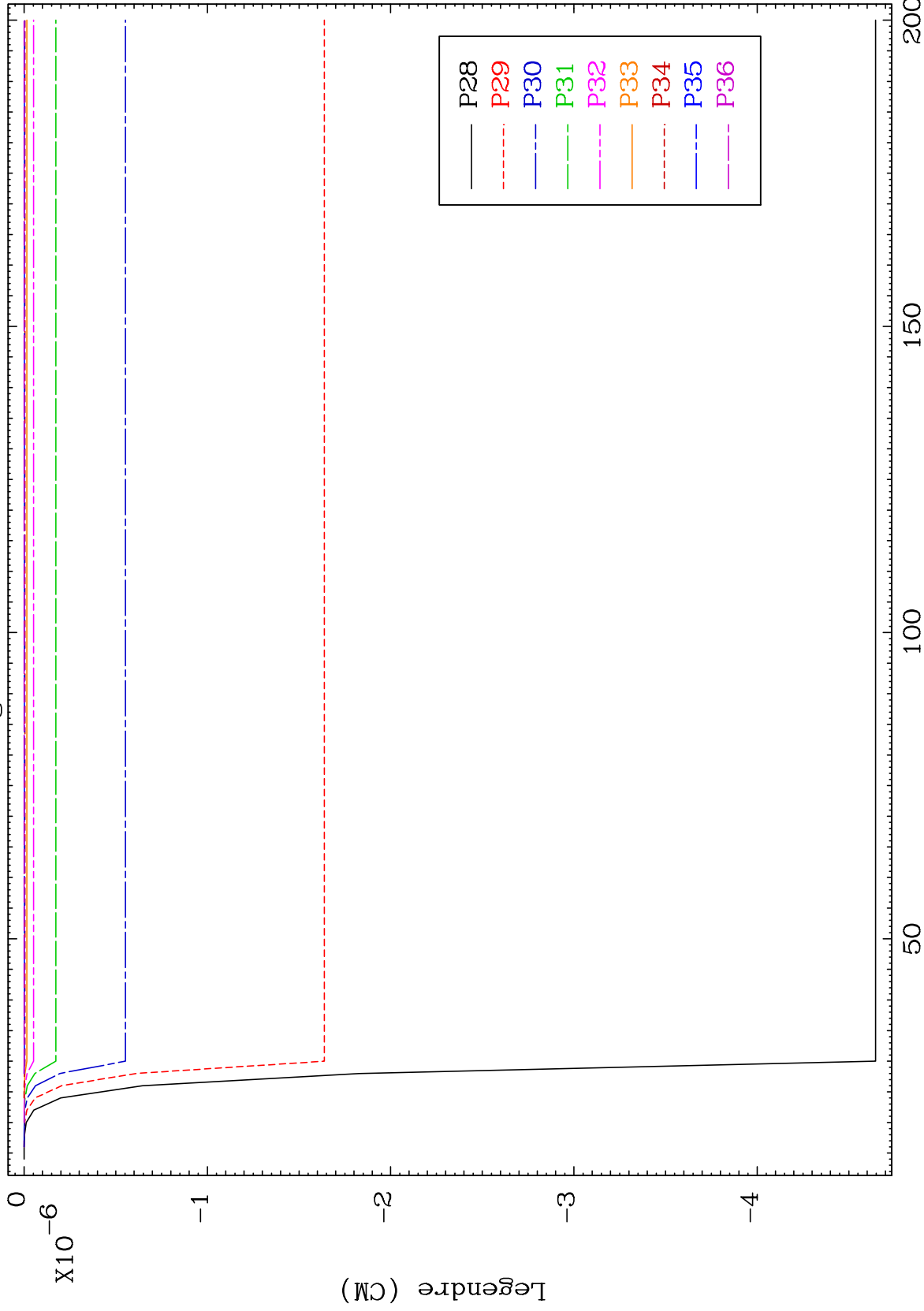
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

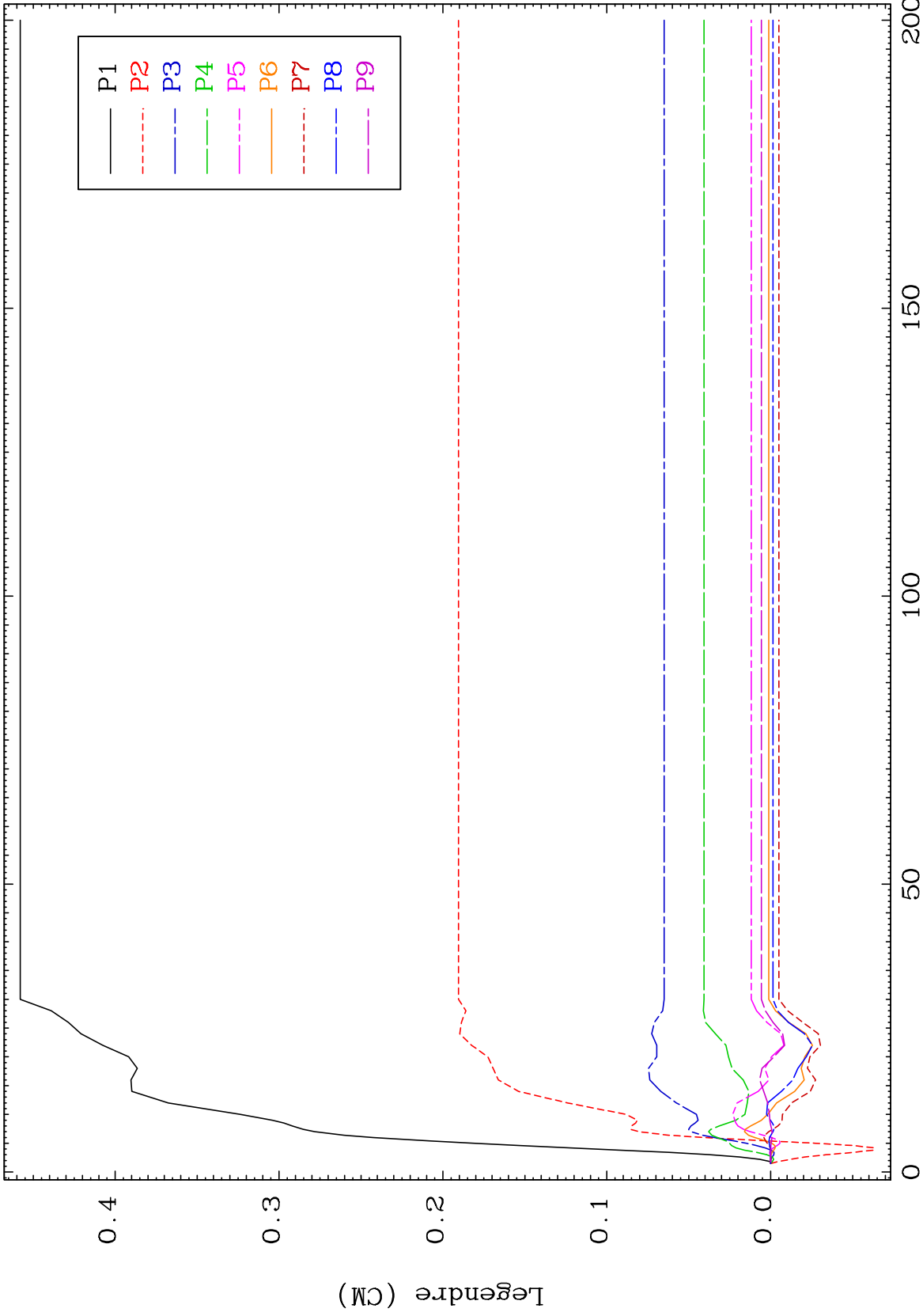
Incident Energy (MeV)

134

MAT 5740

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

57-La-143



135

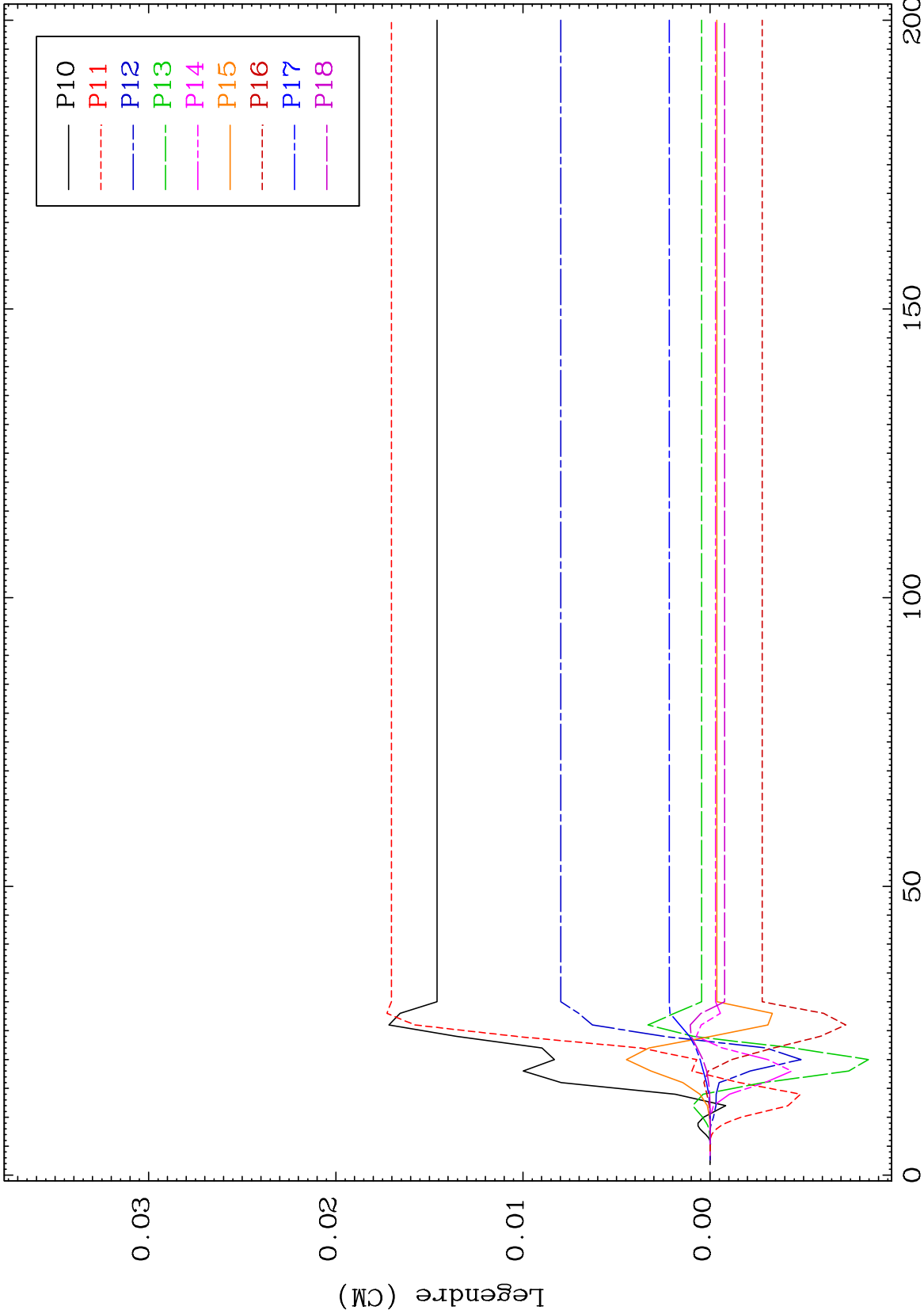
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



136

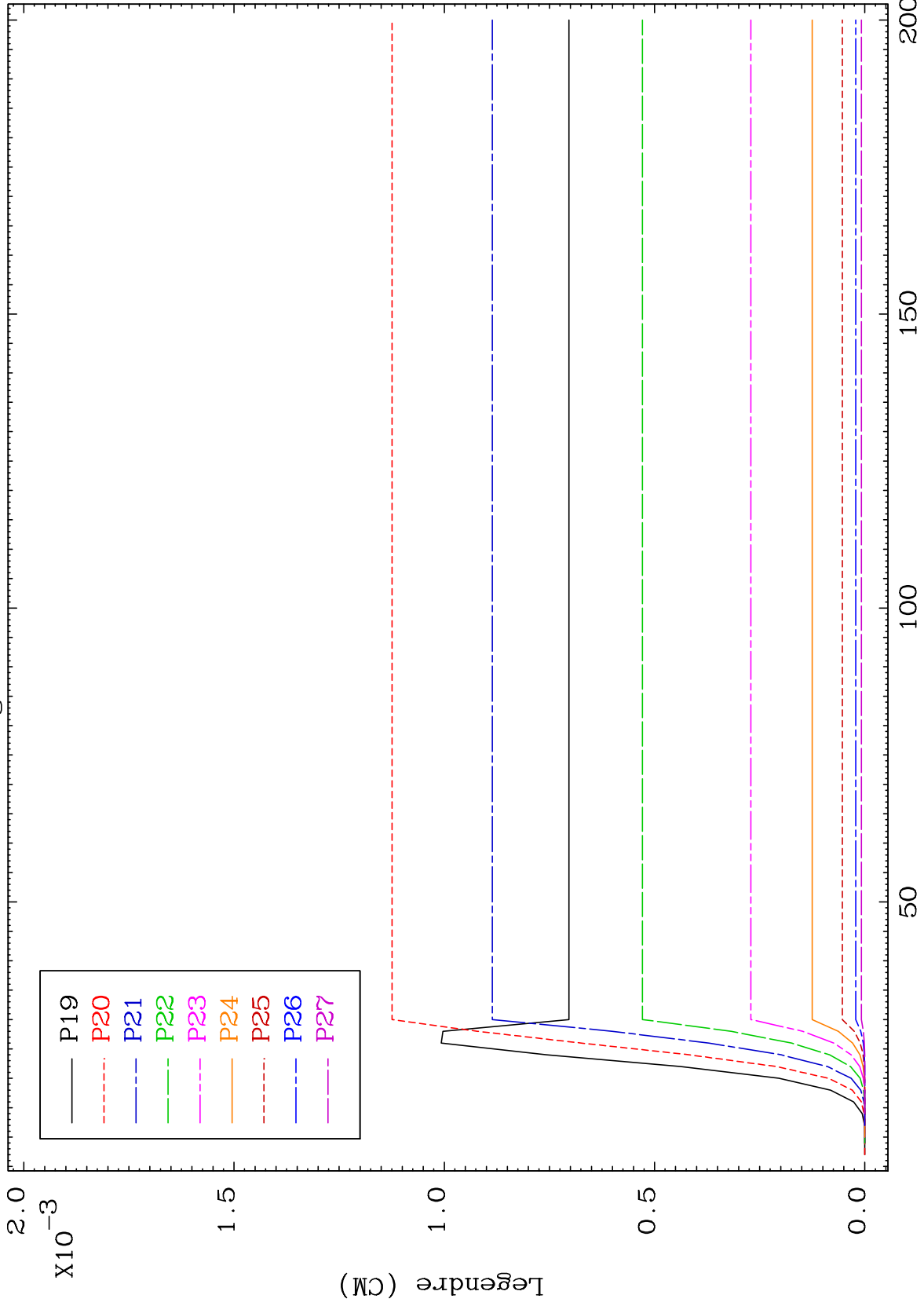
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



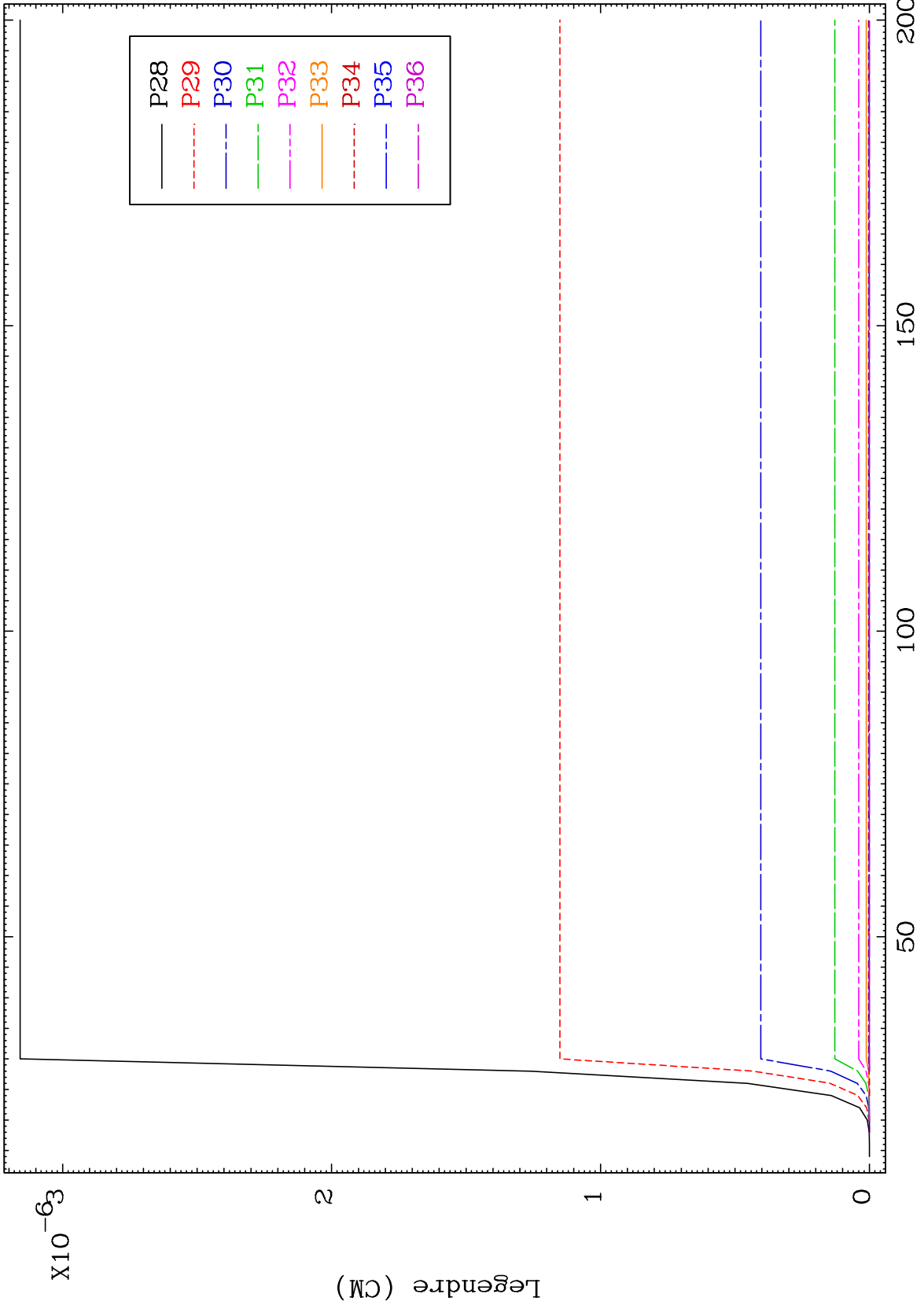
137

57-La-143

MAT 5740

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

57-La-143



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Incident Energy (MeV)

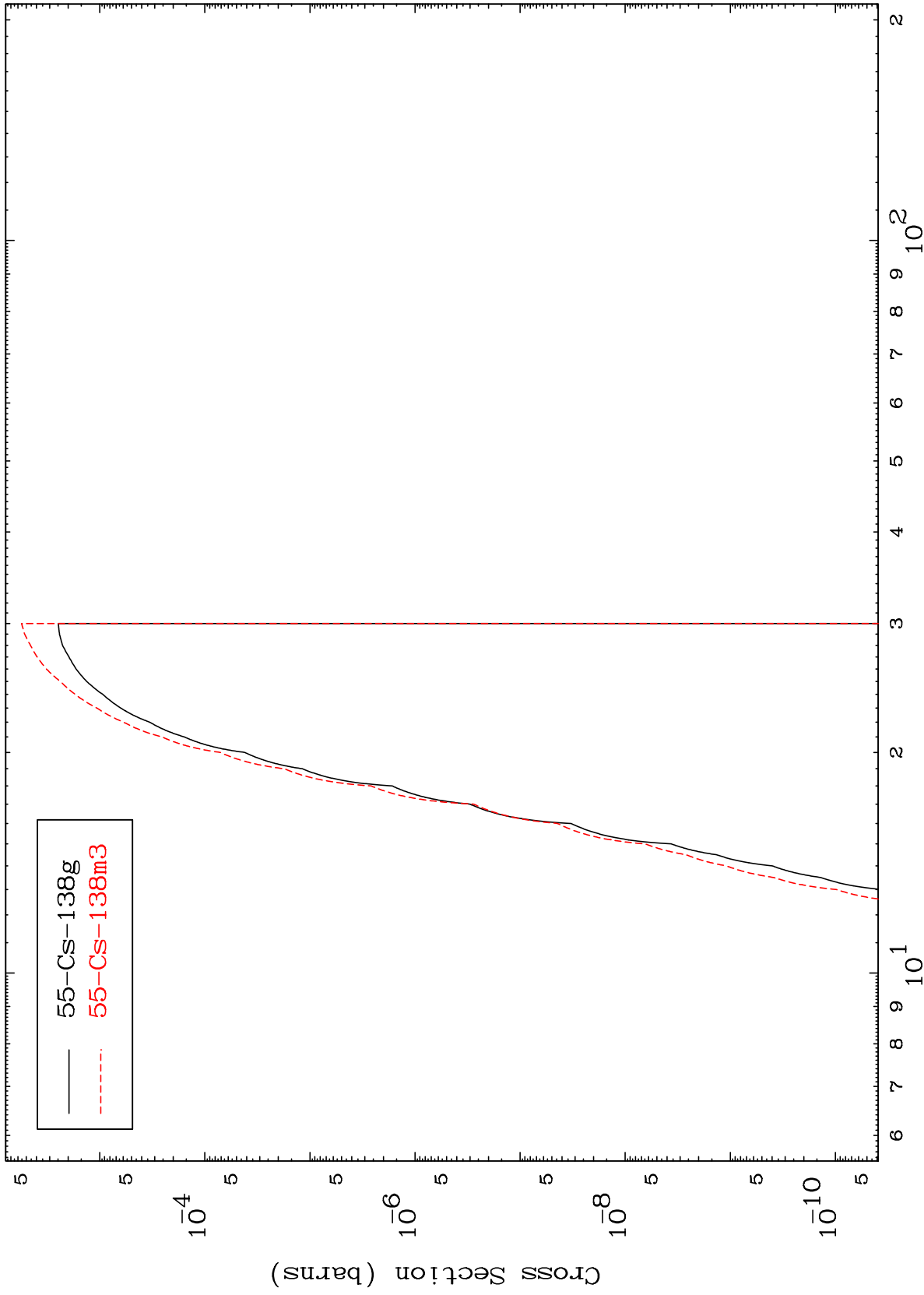
57-La-143

MAT 5740

$(n, 2n) \alpha$

57-La-143

Radionuclide Production Cross Section



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Incident Energy (MeV)

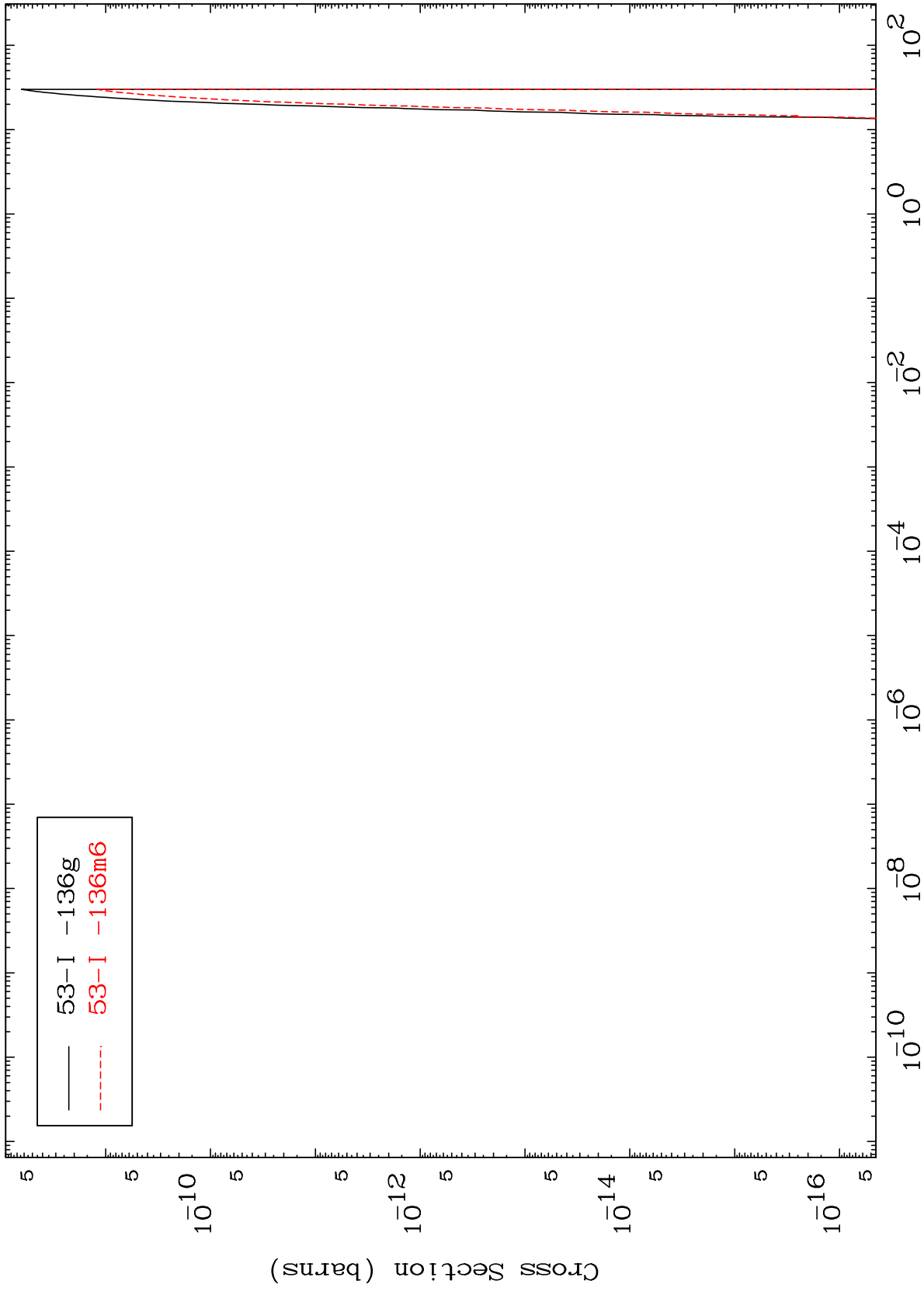
57-La-143

MAT 5740

(n,2α)

57-La-143

Radionuclide Production Cross Section



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Incident Energy (MeV)

57-La-143