

Program EVALPLOT
(Version 2018-1)

by

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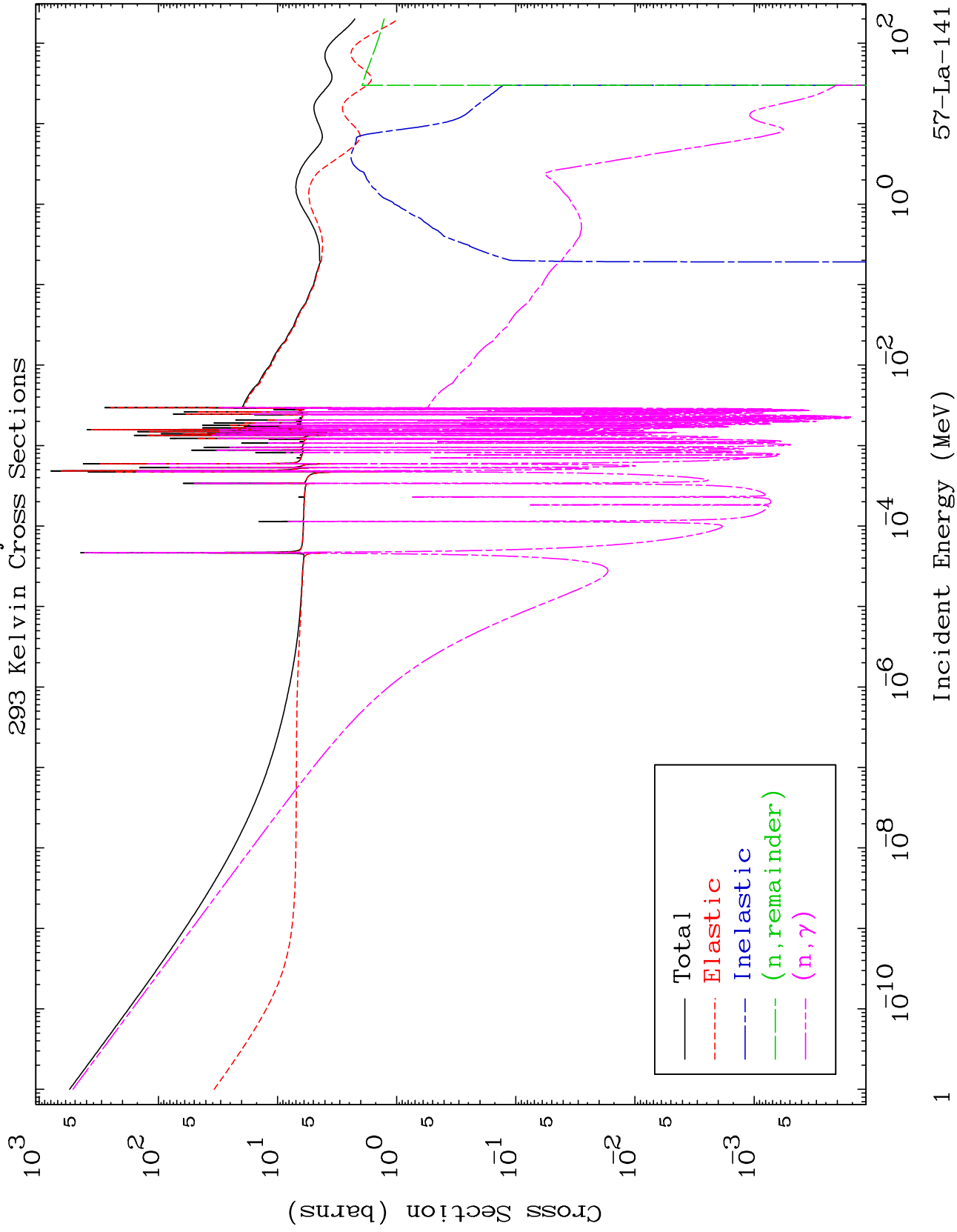
Press Mouse Button to Start

MAT 5734

Major

293 Kelvin Cross Sections

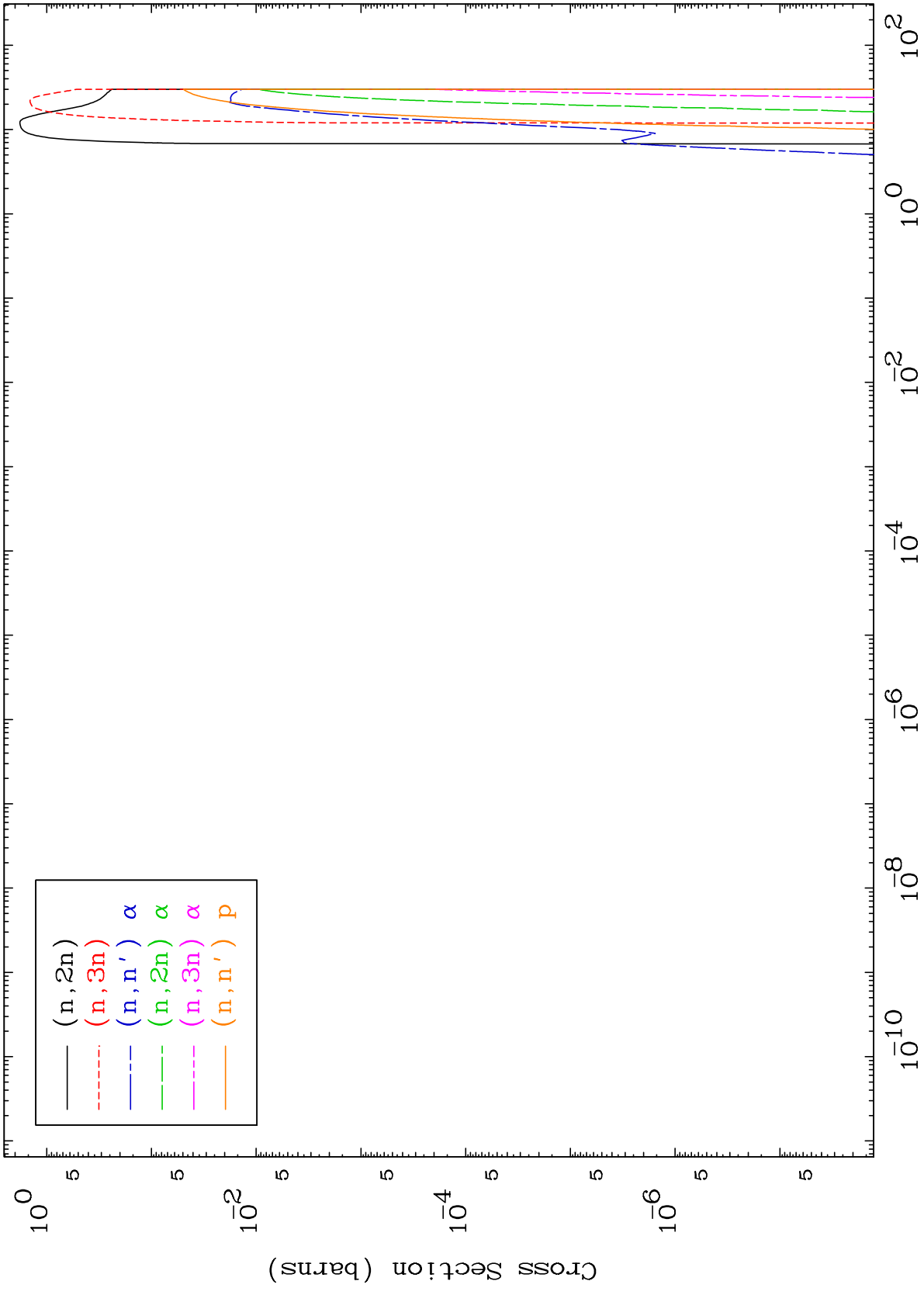
57-La-141



MAT 5734

Neutron Production
293 Kelvin Cross Sections

57-La-141



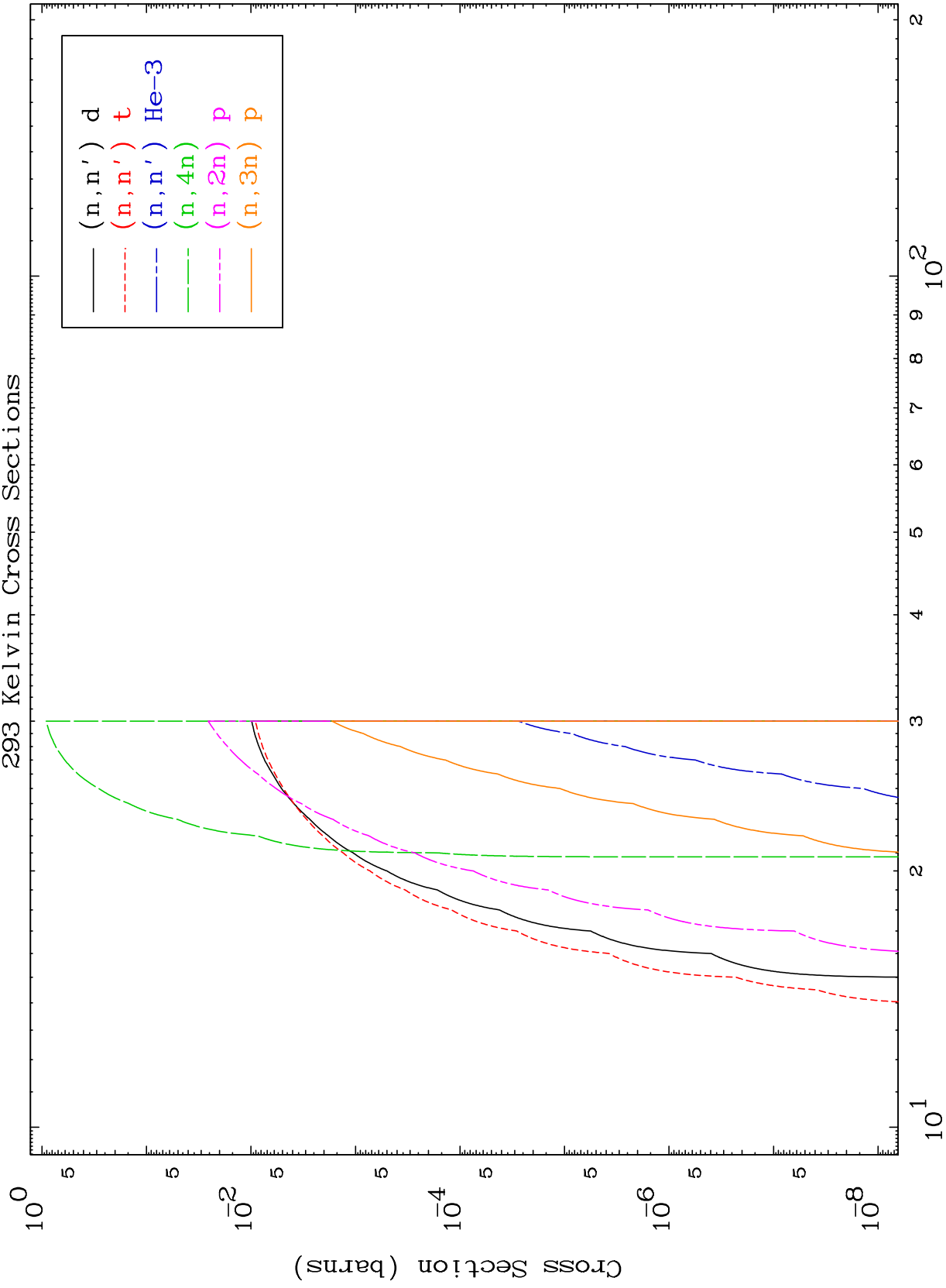
2

57-La-141

MAT 5734

Neutron Production
293 Kelvin Cross Sections

57-La-141



57-La-141

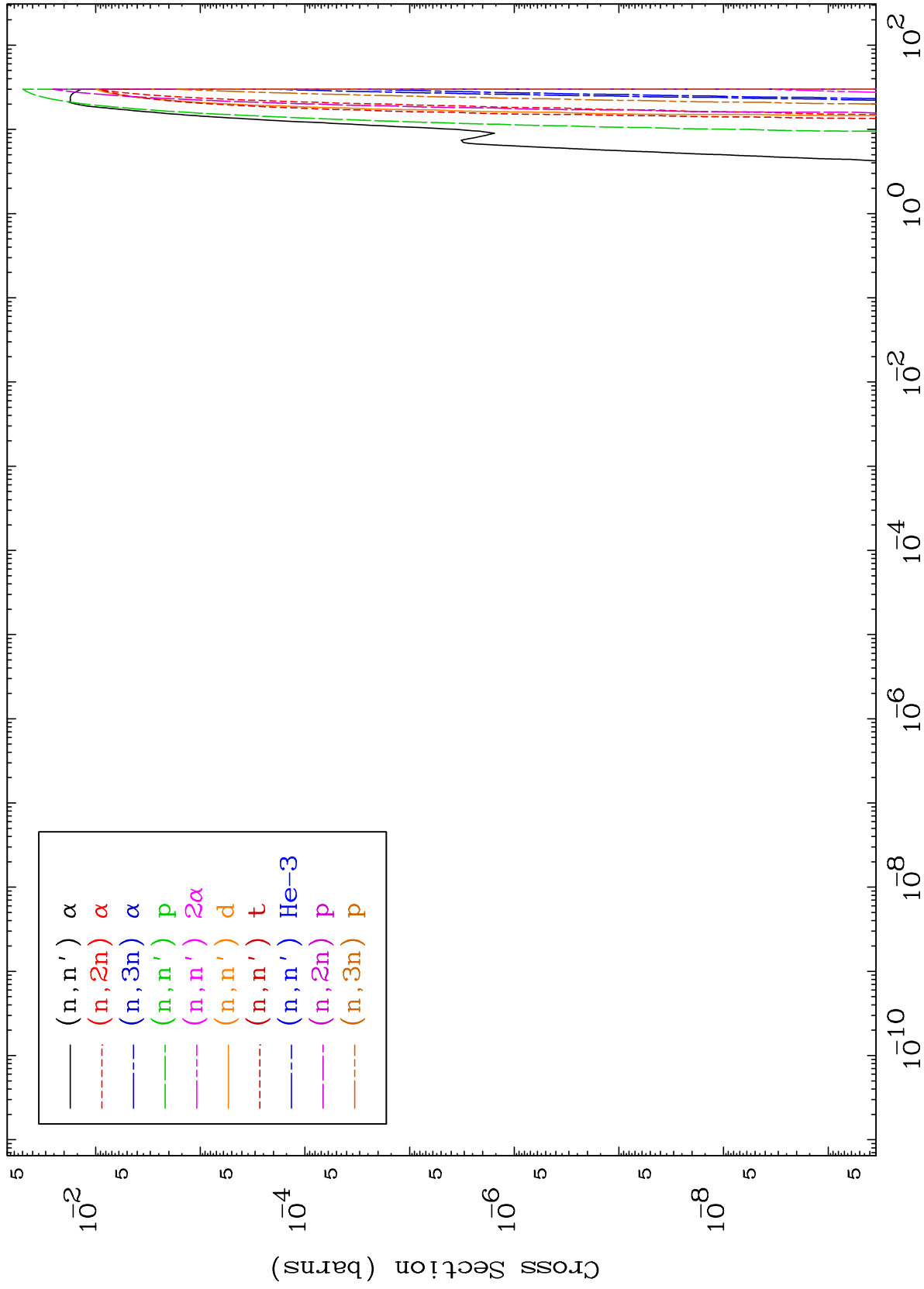
Incident Energy (MeV)

3

MAT 5734

Charged Particle
293 Kelvin Cross Sections

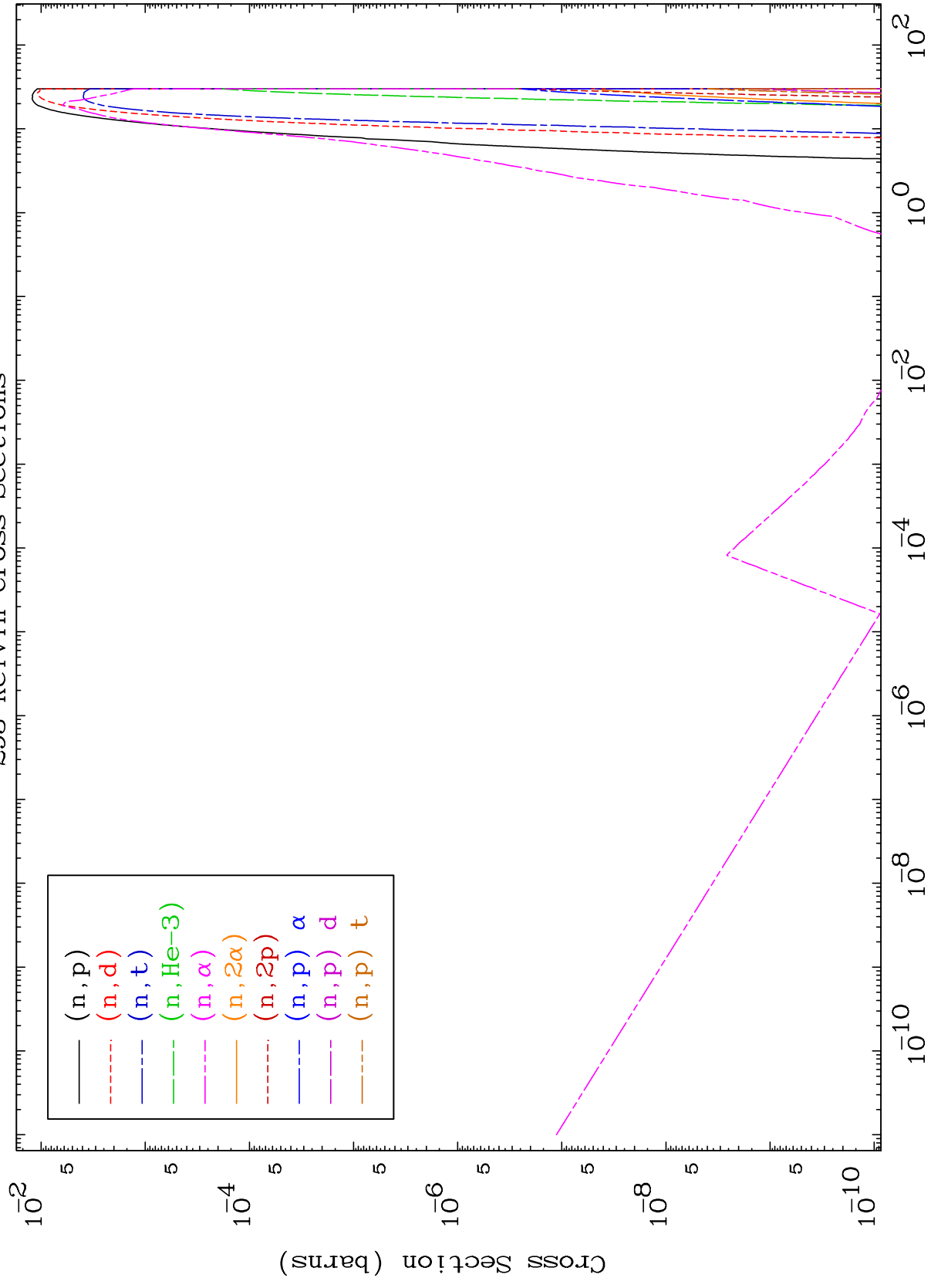
57-La-141



MAT 5734

293 Charged Particle
Kelvin Cross Sections

57-La-141



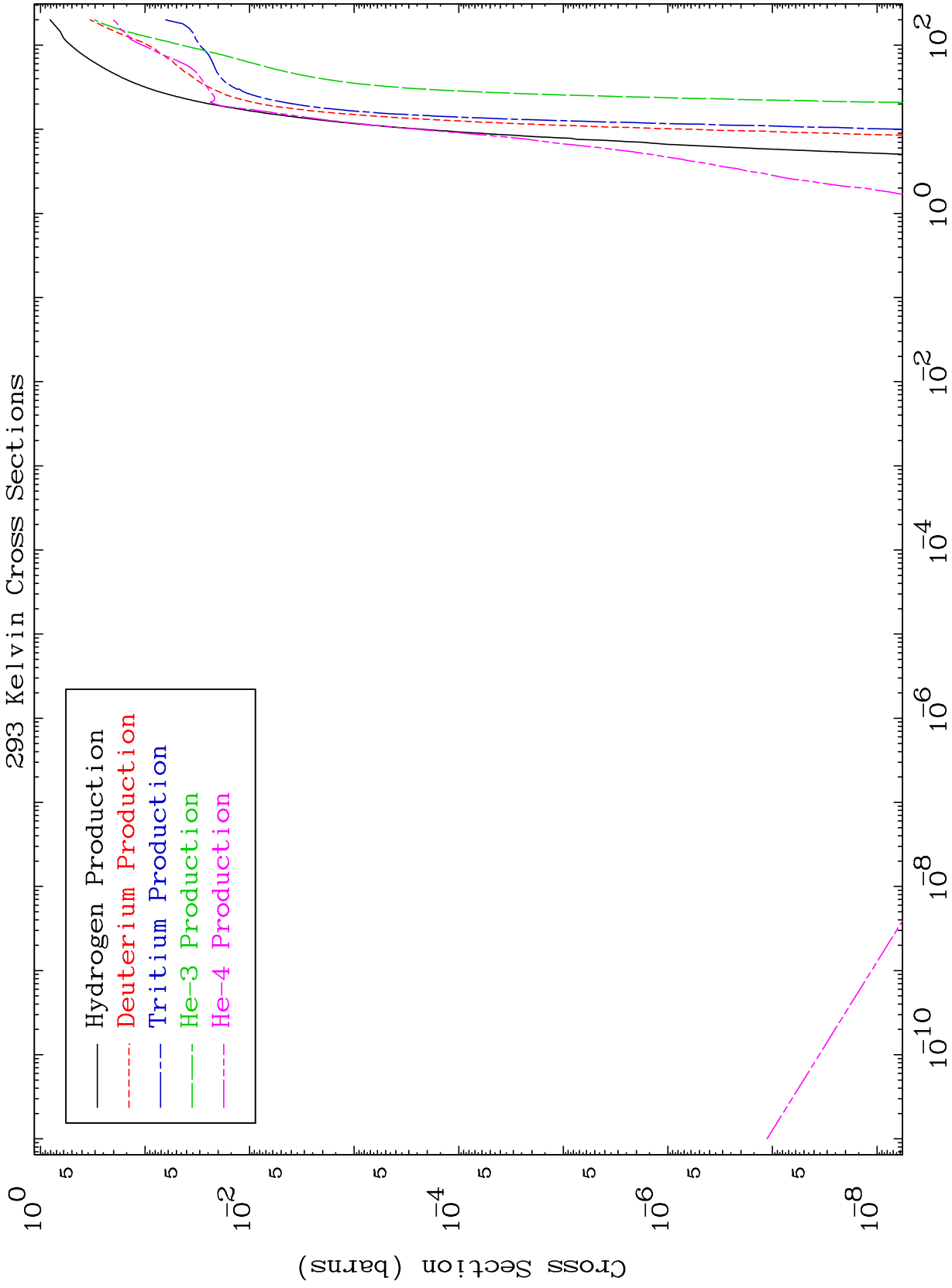
5

57-La-141

MAT 5734

Particle Production
293 Kelvin Cross Sections

57-La-141



6

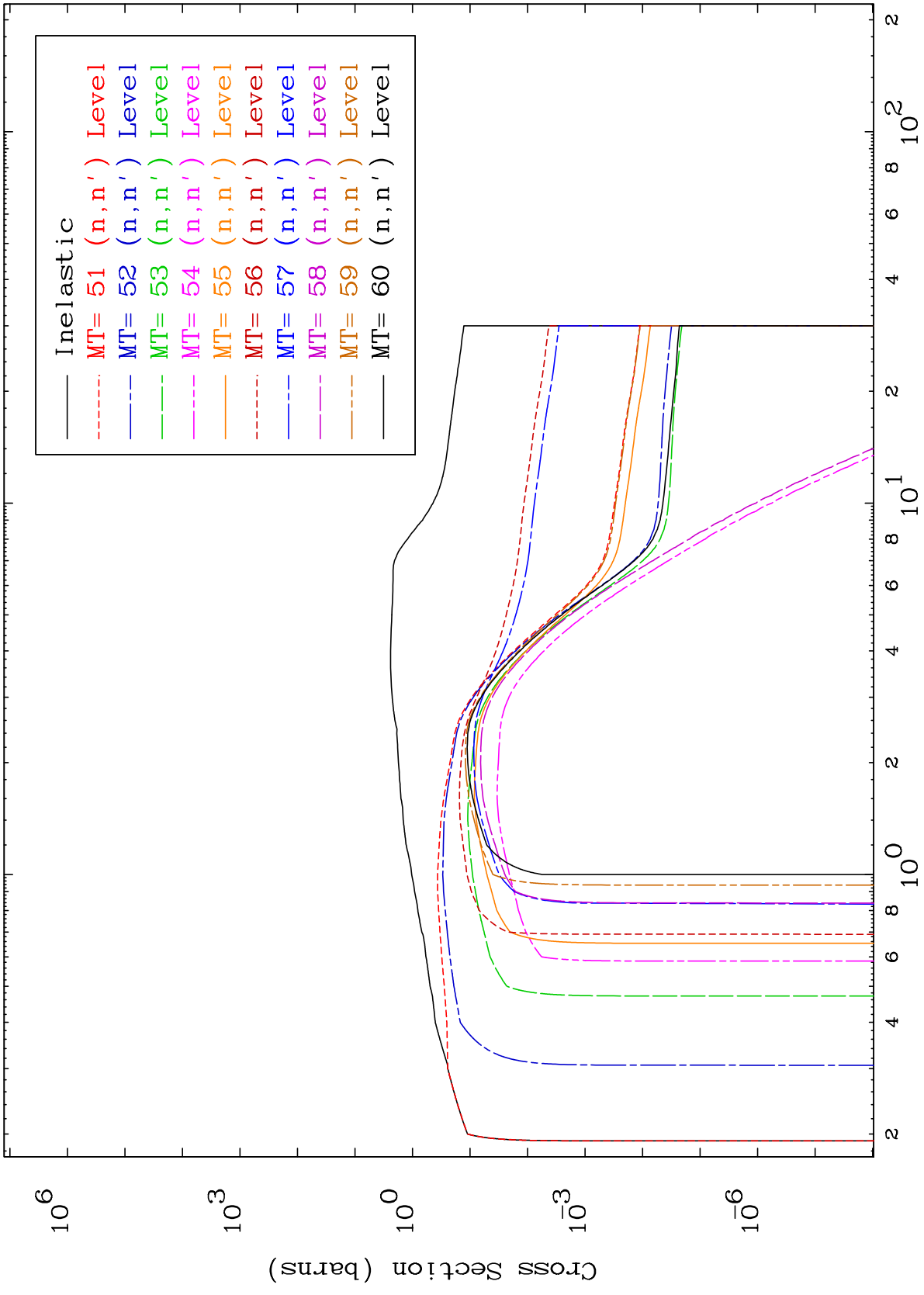
57-La-141

MAT 5734

(n,n') Level

57-La-141

293 Kelvin Cross Sections



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Incident Energy (MeV)

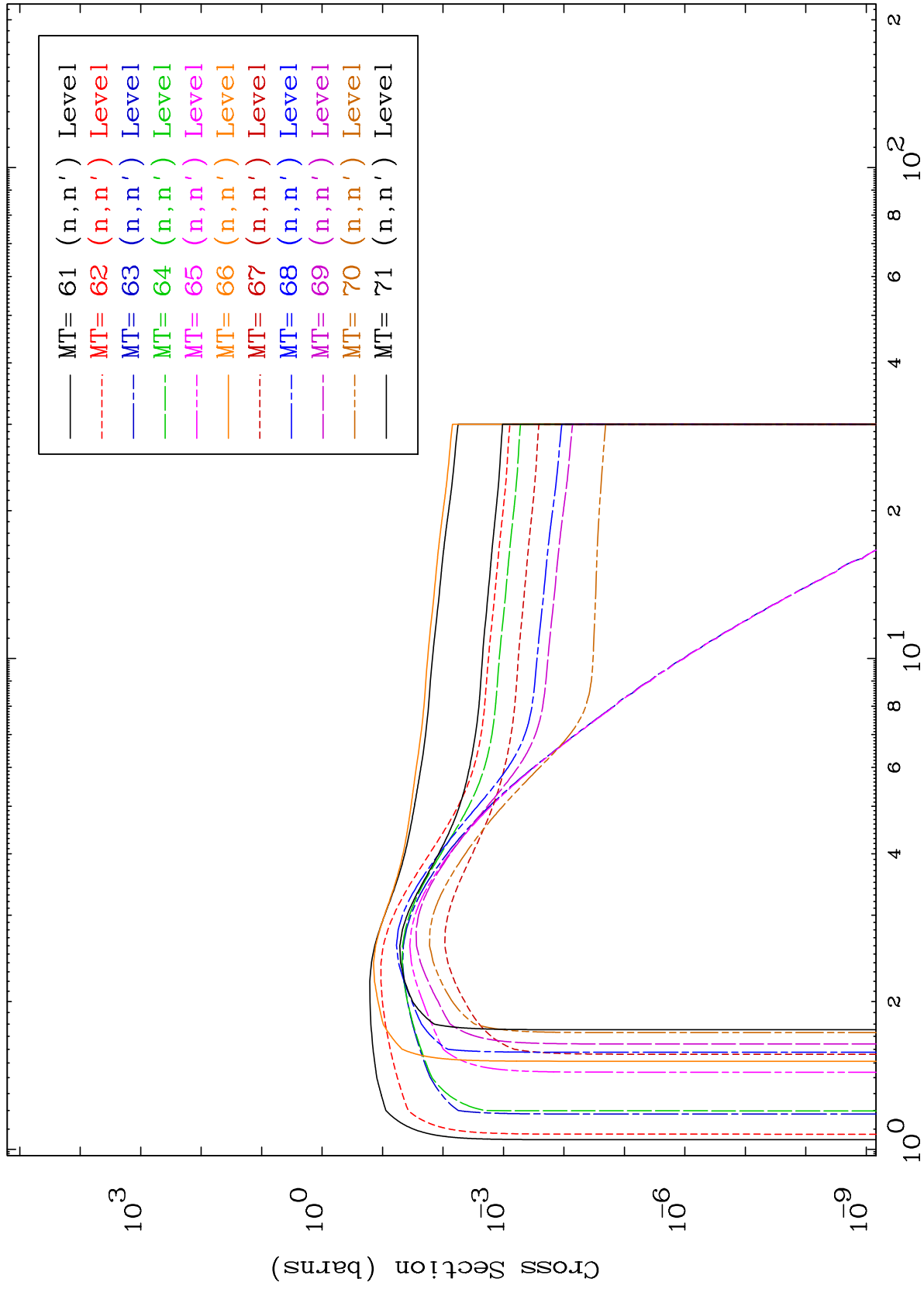
57-La-141

MAT 5734

(n,n') Level

57-La-141

293 Kelvin Cross Sections



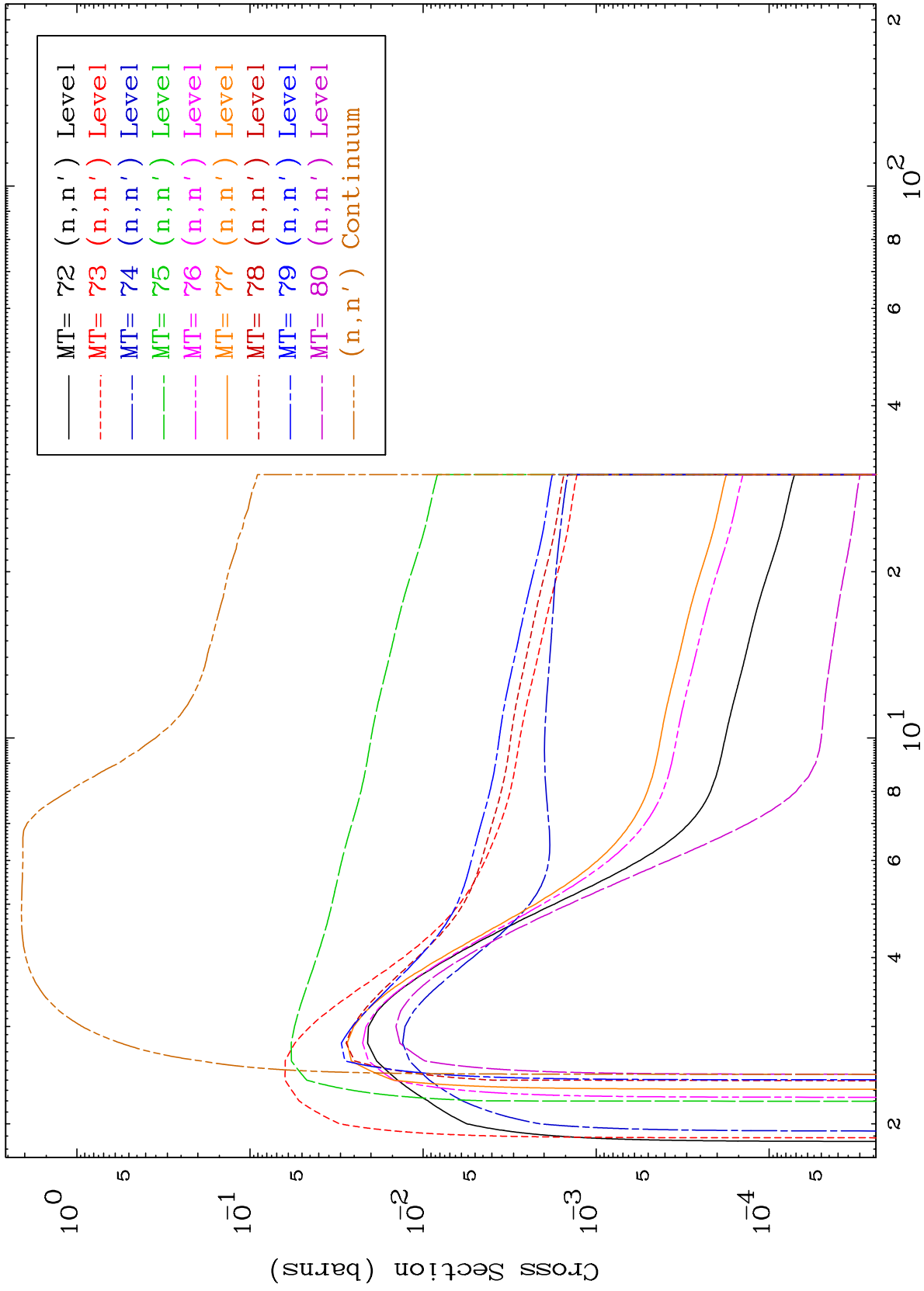
Incident Energy (MeV)

57-La-141

MAT 5734

(n,n') Level
293 Kelvin Cross Sections

57-La-141



9

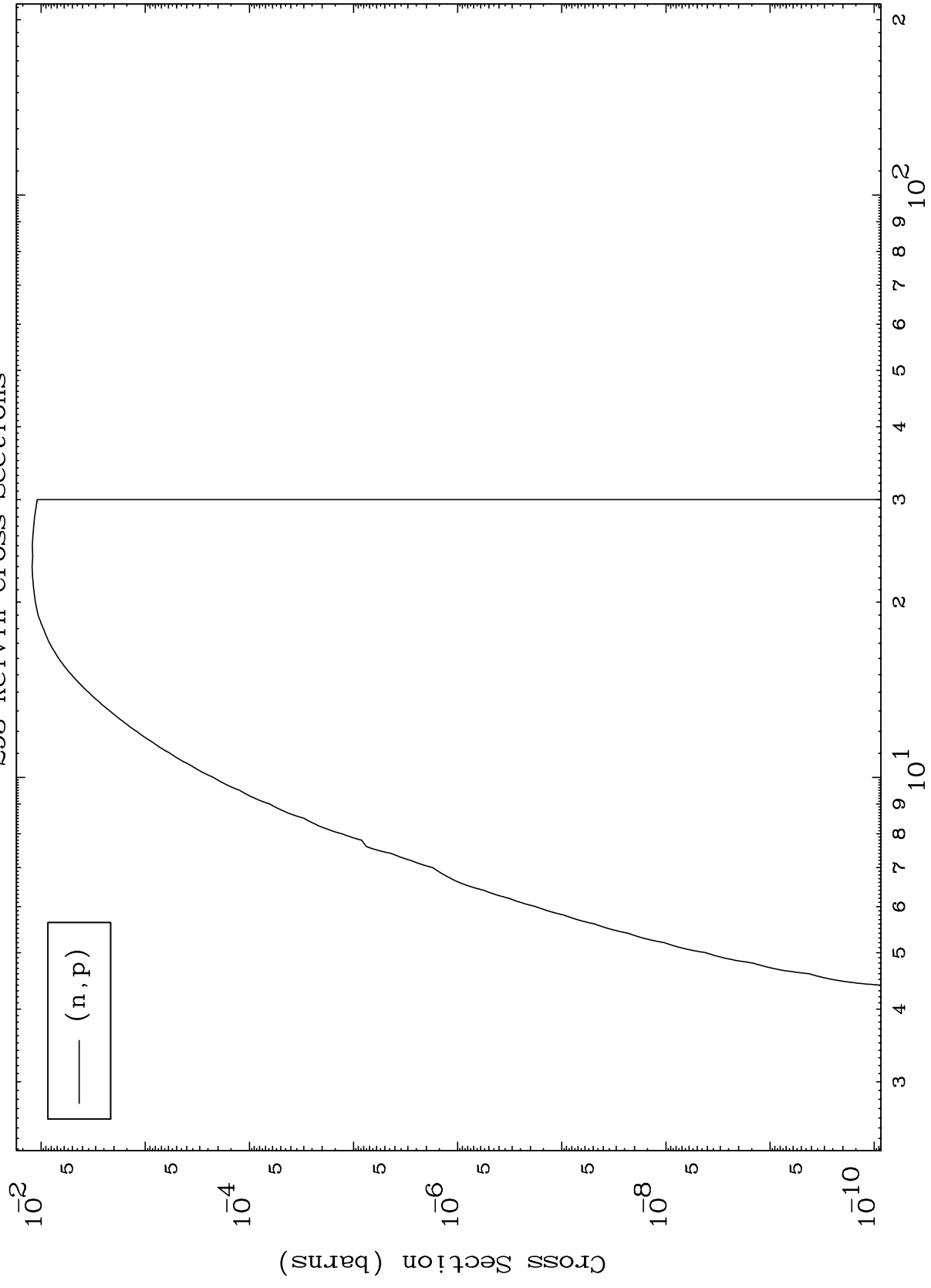
Incident Energy (MeV)

57-La-141

MAT 5734

(n,p) Levels
293 Kelvin Cross Sections

57-La-141



10

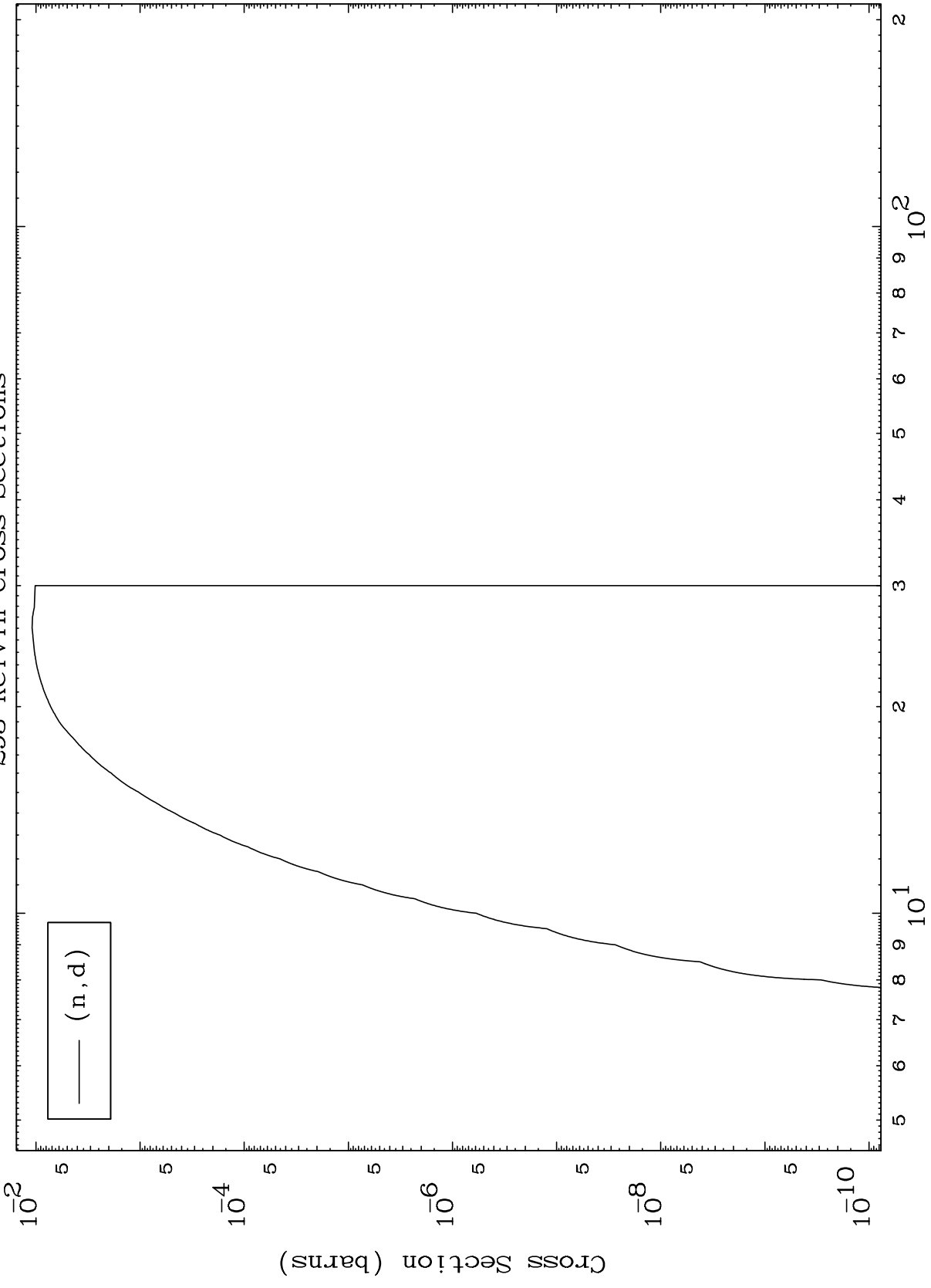
Incident Energy (MeV)

57-La-141

MAT 5734

57-La-141

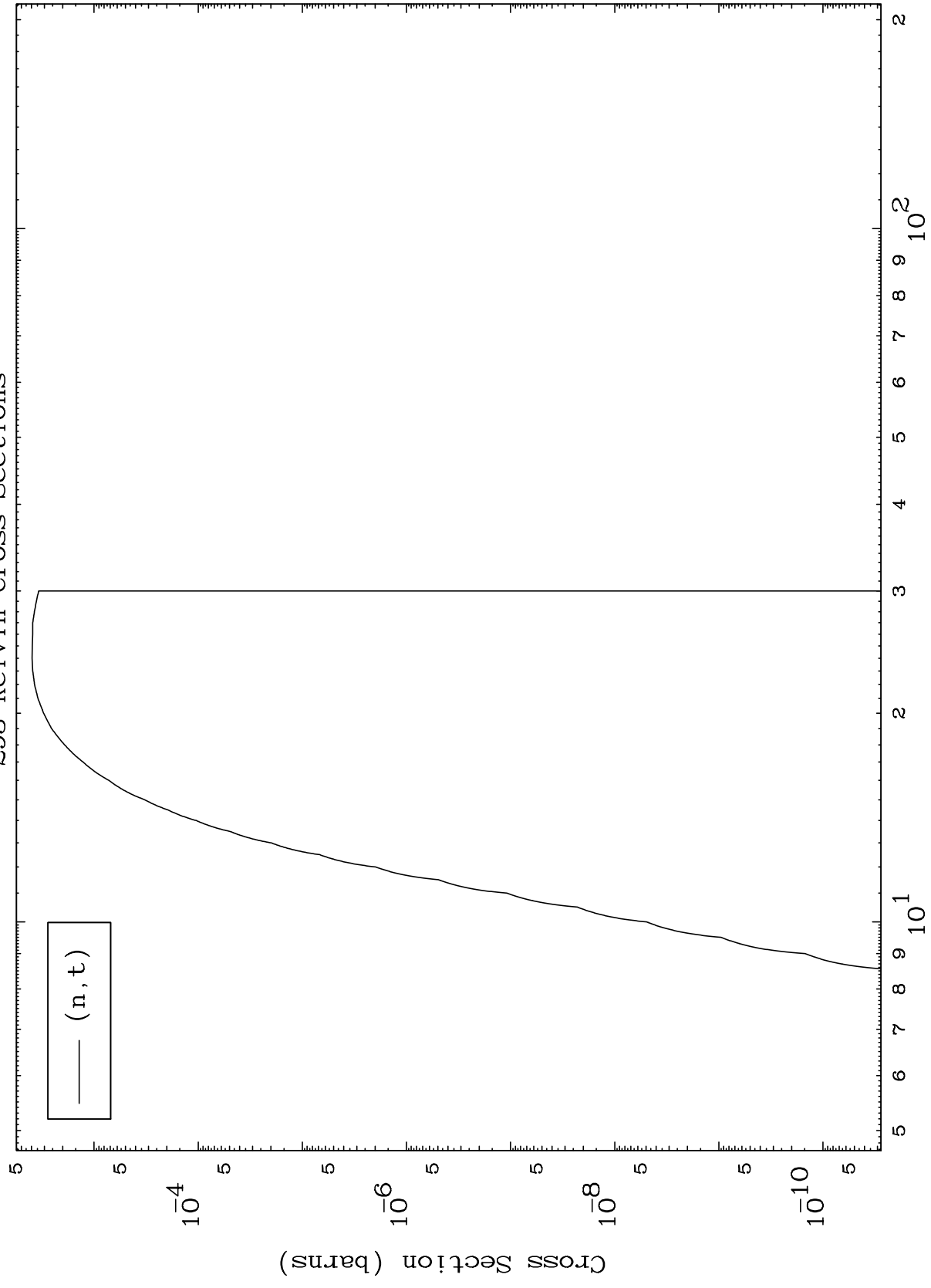
(n,d) Levels
293 Kelvin Cross Sections



MAT 5734

(n,t) Levels
293 Kelvin Cross Sections

57-La-141



12

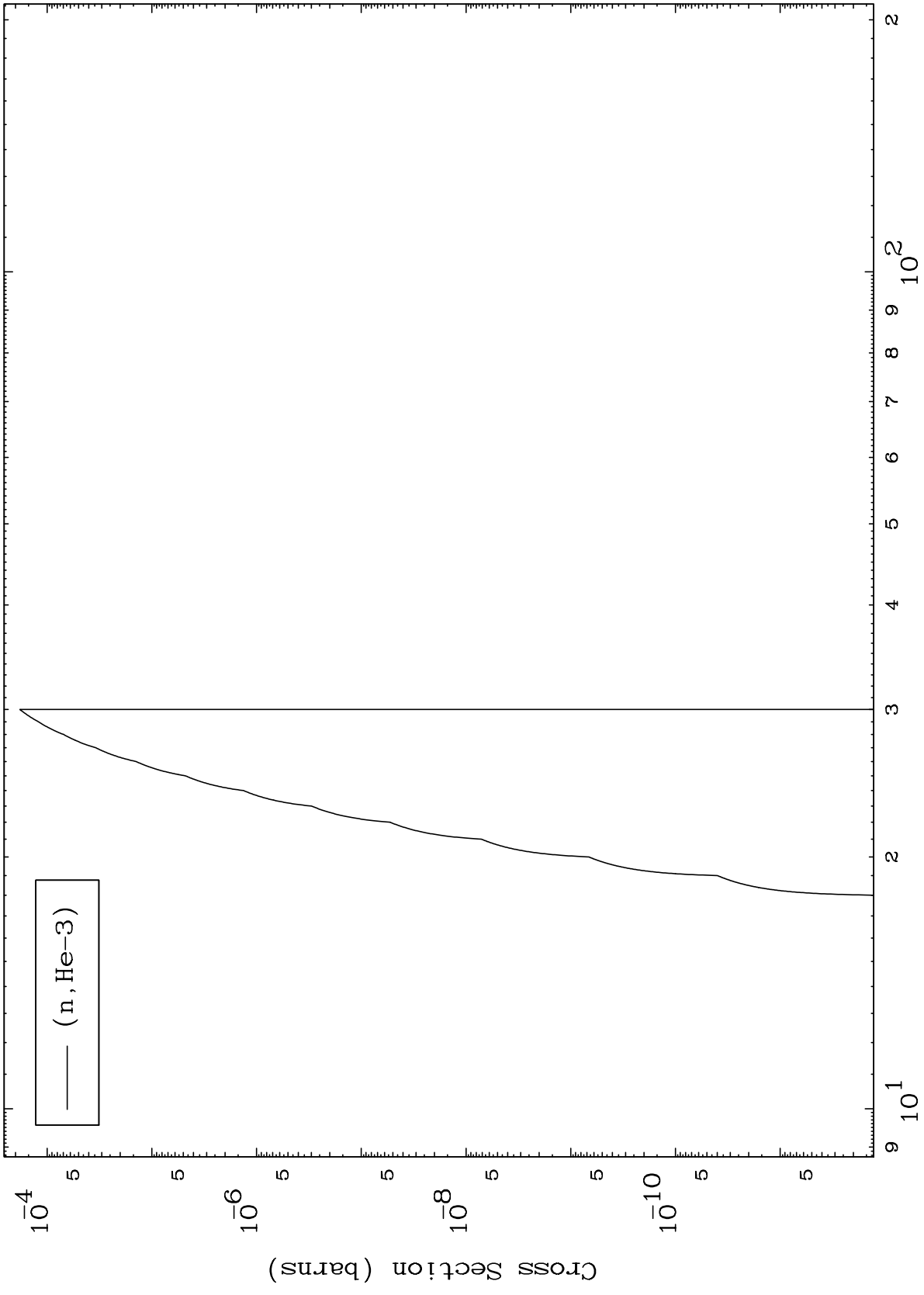
Incident Energy (MeV)

57-La-141

MAT 5734

(n,He3) Levels
293 Kelvin Cross Sections

57-La-141



13

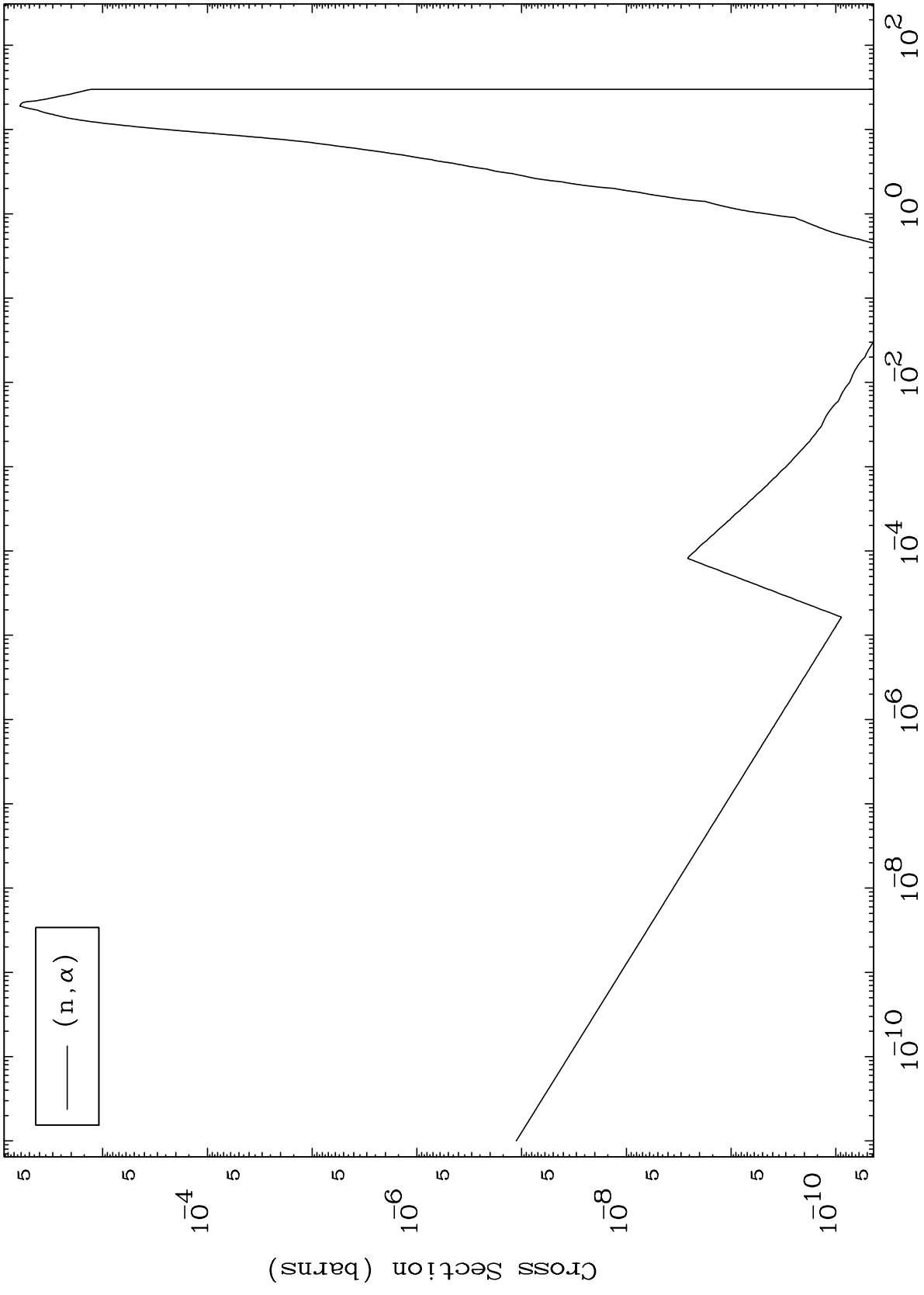
Incident Energy (MeV)

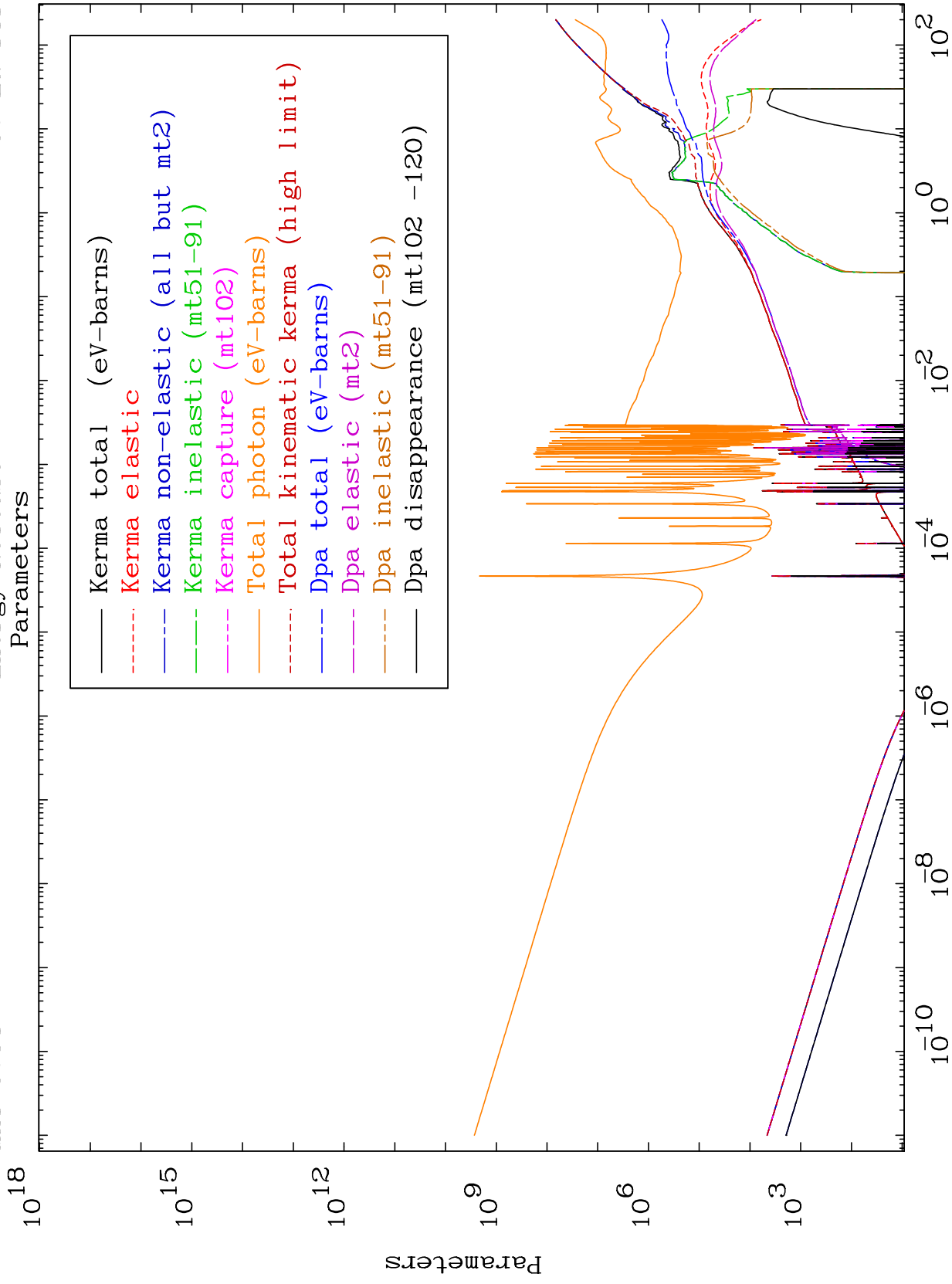
57-La-141

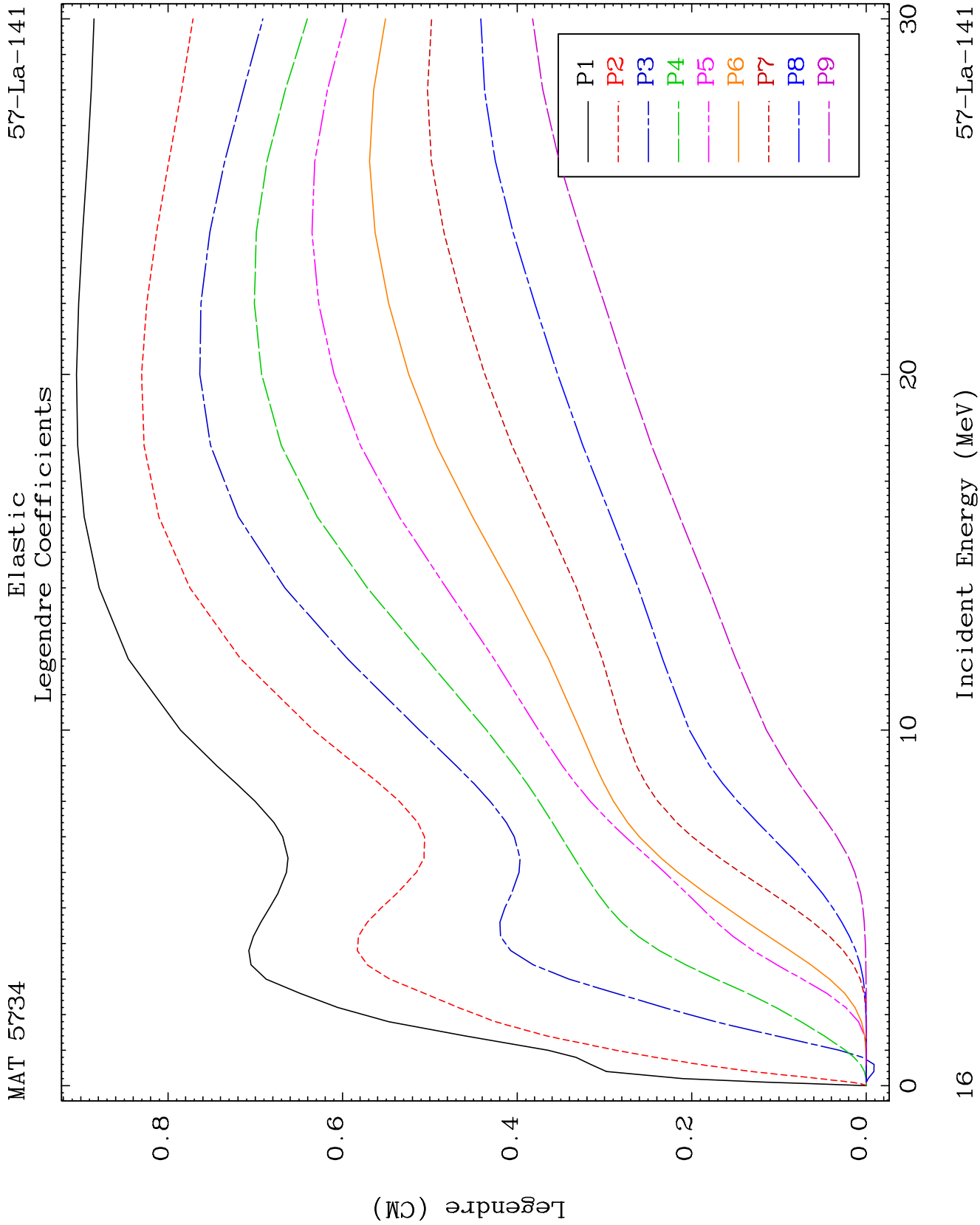
MAT 5734

(n,α) Levels
293 Kelvin Cross Sections

57-La-141



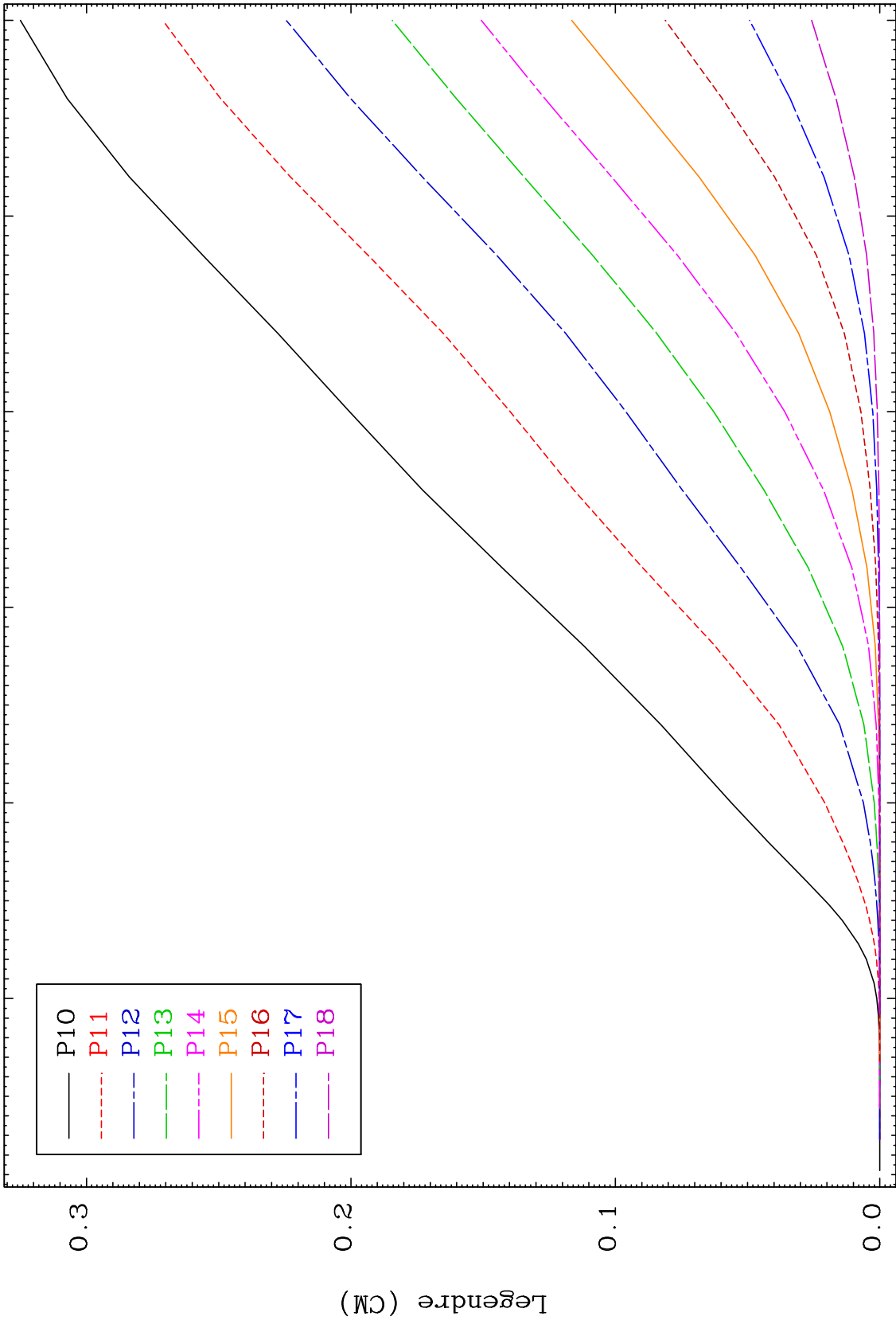




MAT 5734

Elastic
Legendre Coefficients

57-La-141



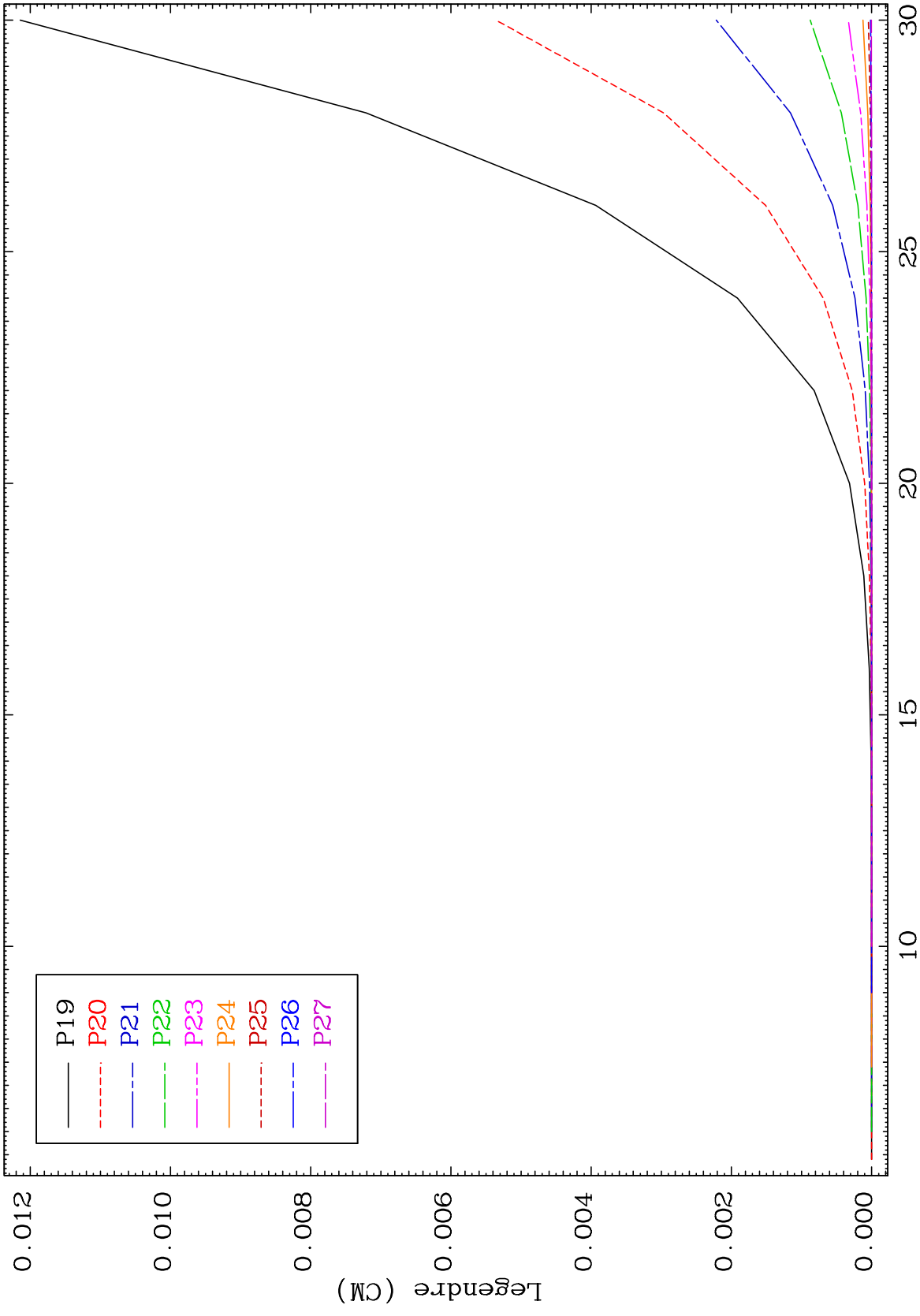
17

57-La-141

MAT 5734

Elastic Legendre Coefficients

57-La-141



18

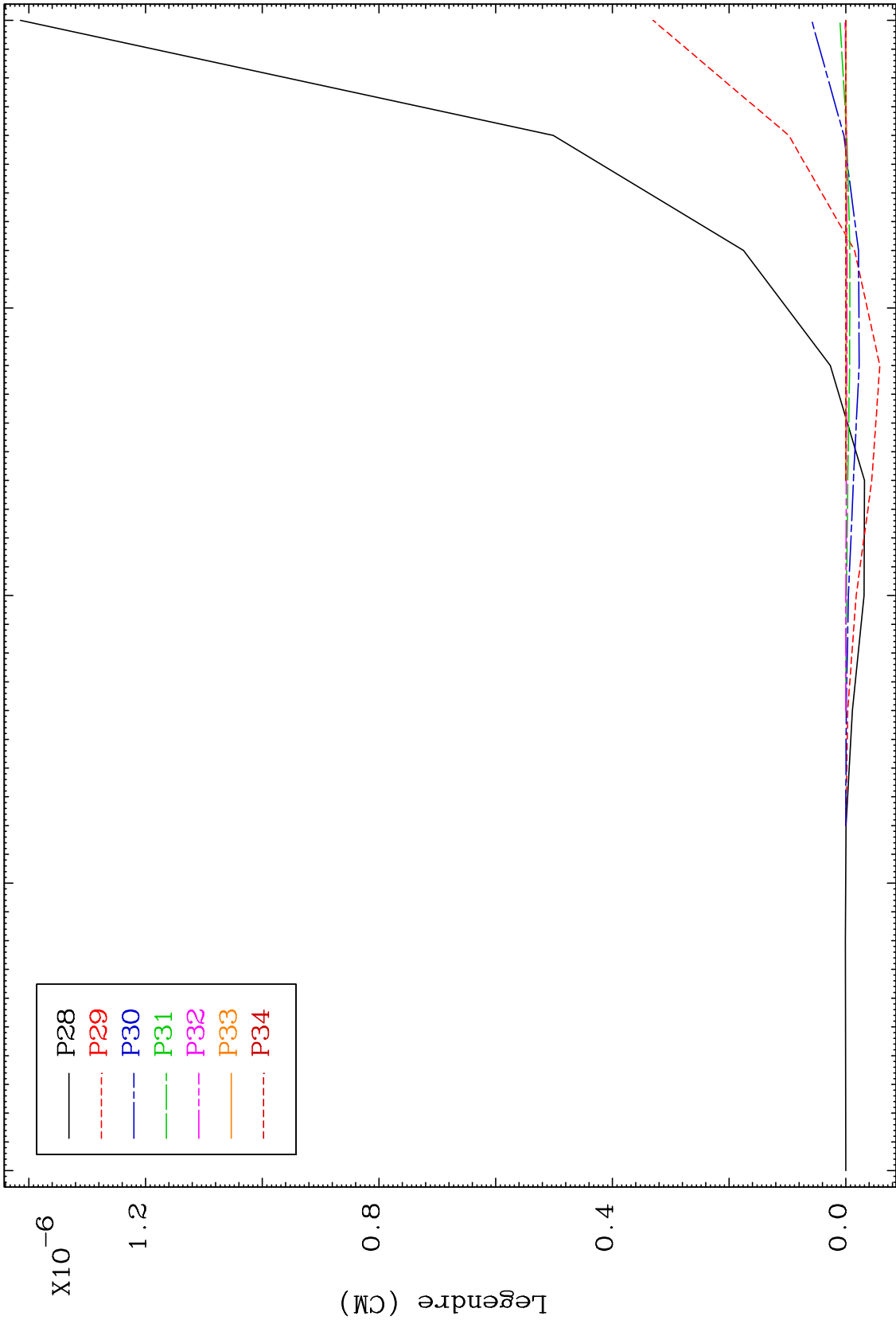
Incident Energy (MeV)

57-La-141

MAT 5734

Elastic Legendre Coefficients

57-La-141



19

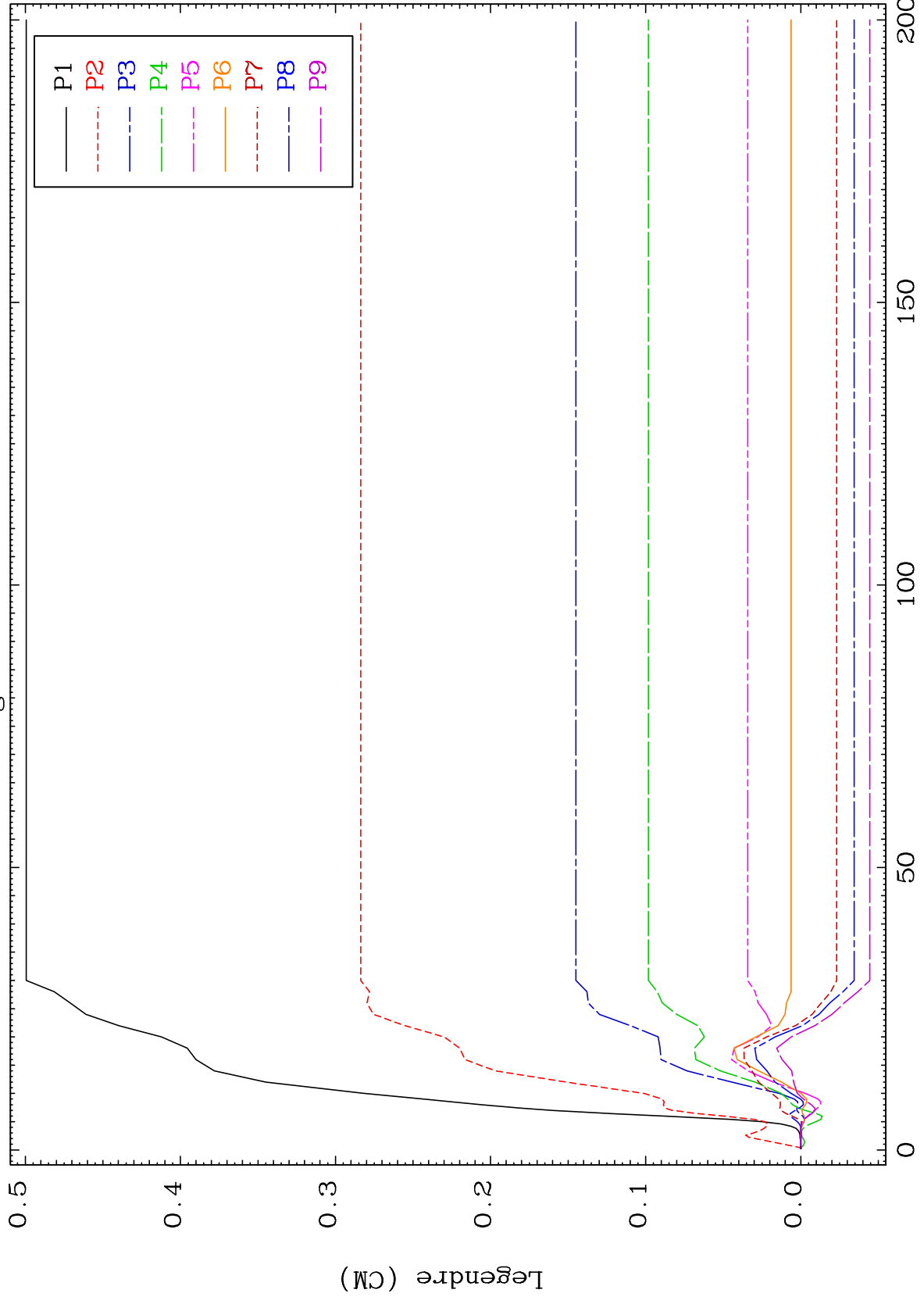
Incident Energy (MeV)

57-La-141

MAT 5734

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

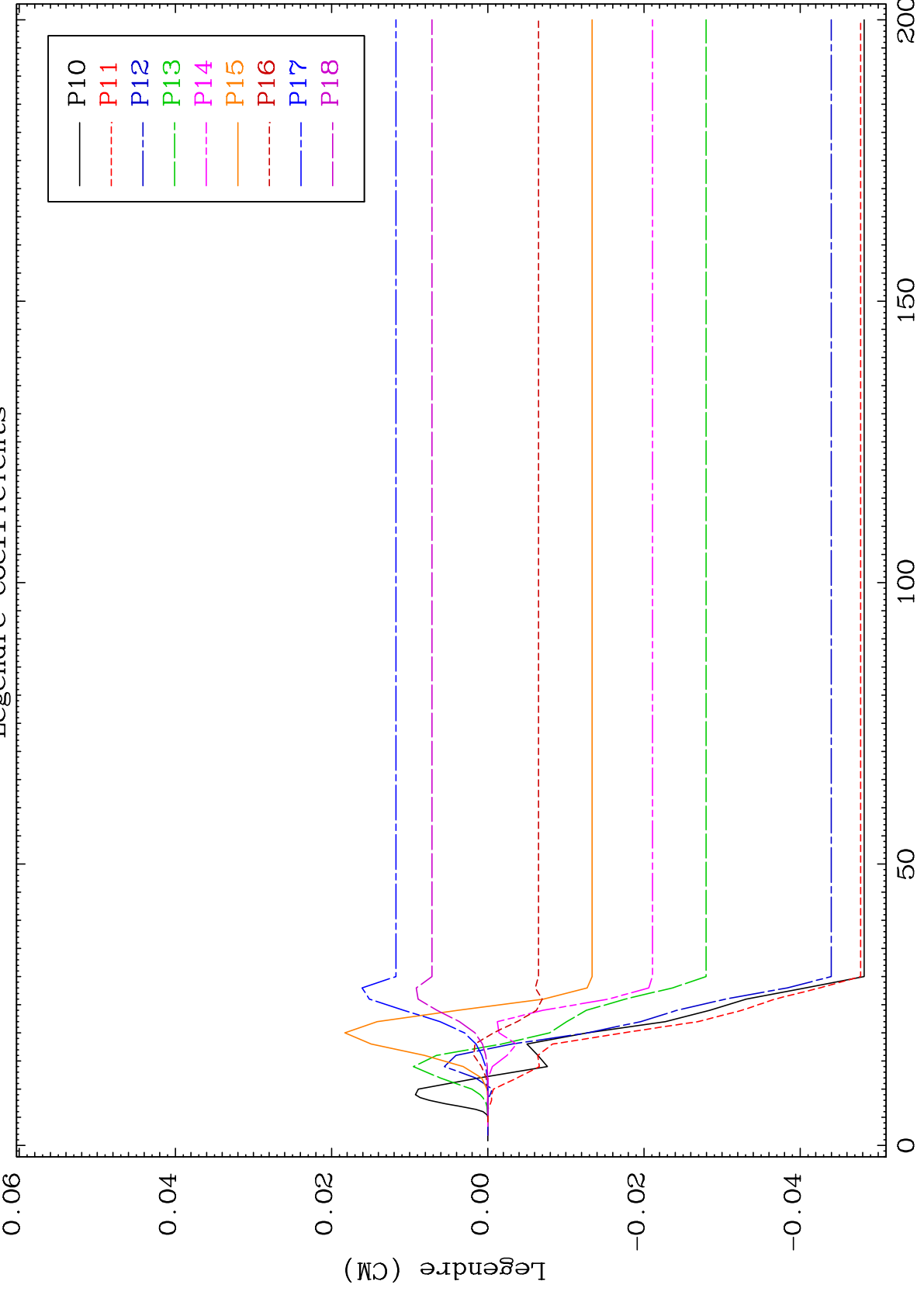
57-La-141



57-La-141

Incident Energy (MeV)

MAT 5734 MT= 51 (n,n') Level Legendre Coefficients 57-La-141

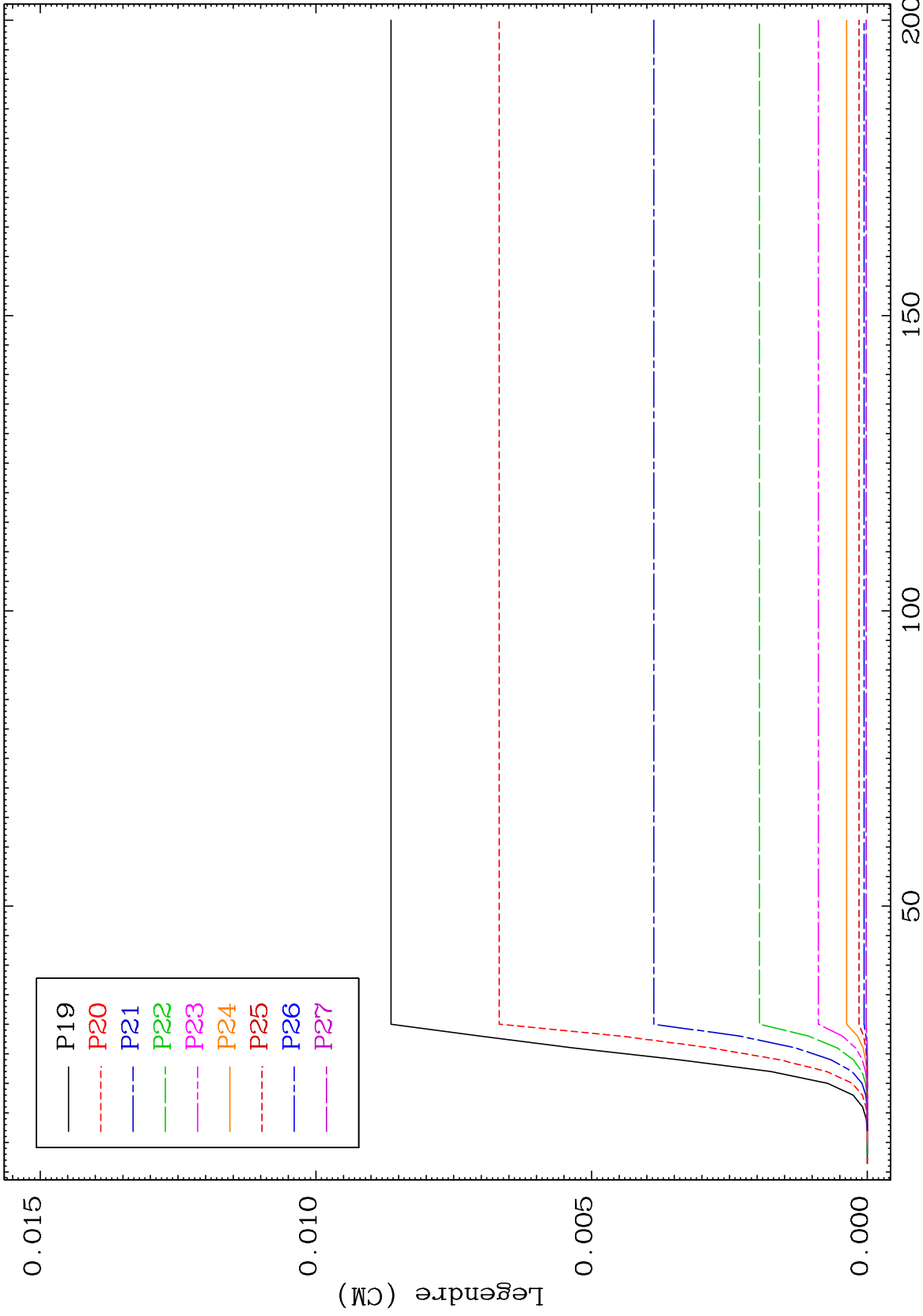


21 57-La-141

MAT 5734

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

57-La-141



22

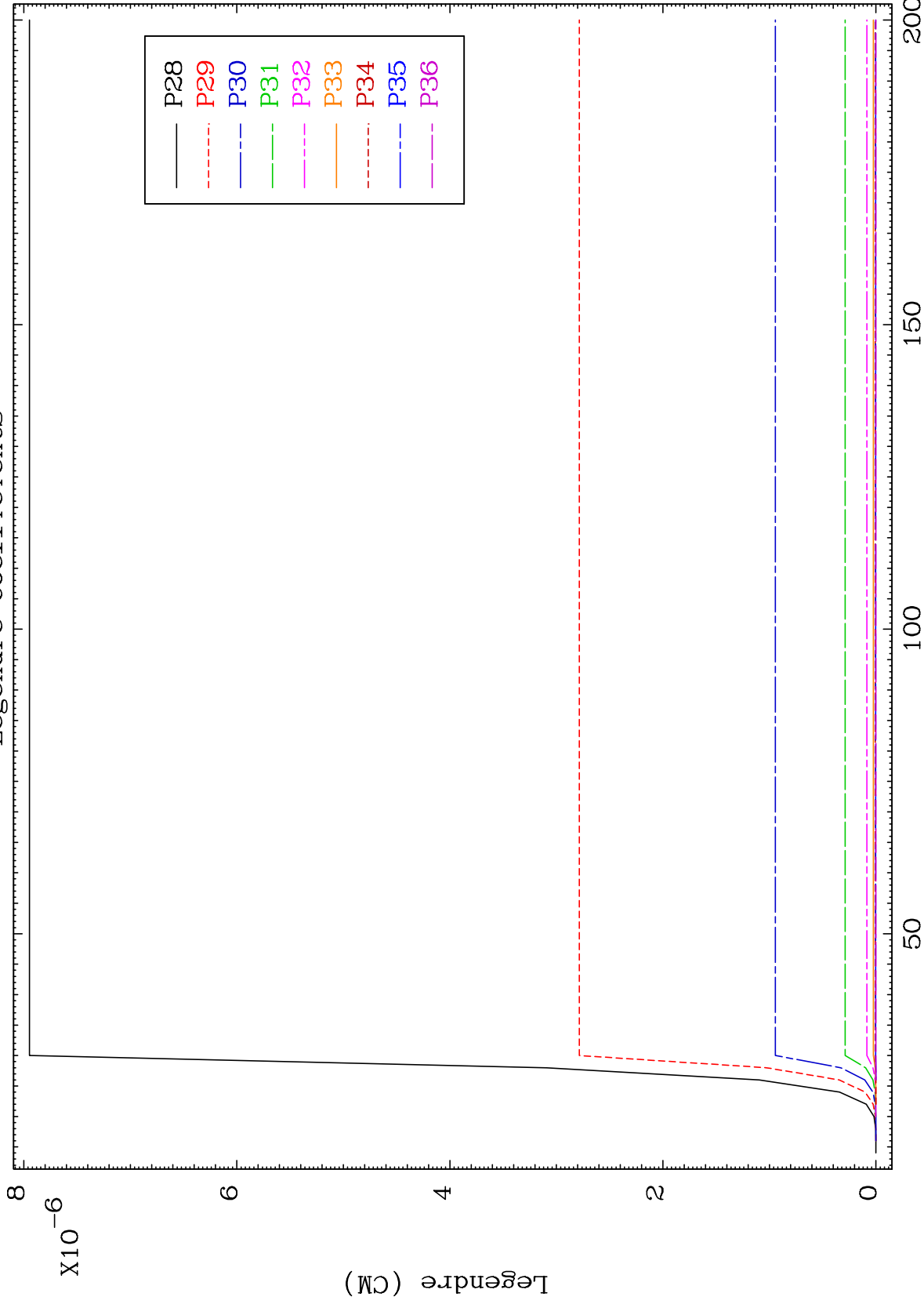
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



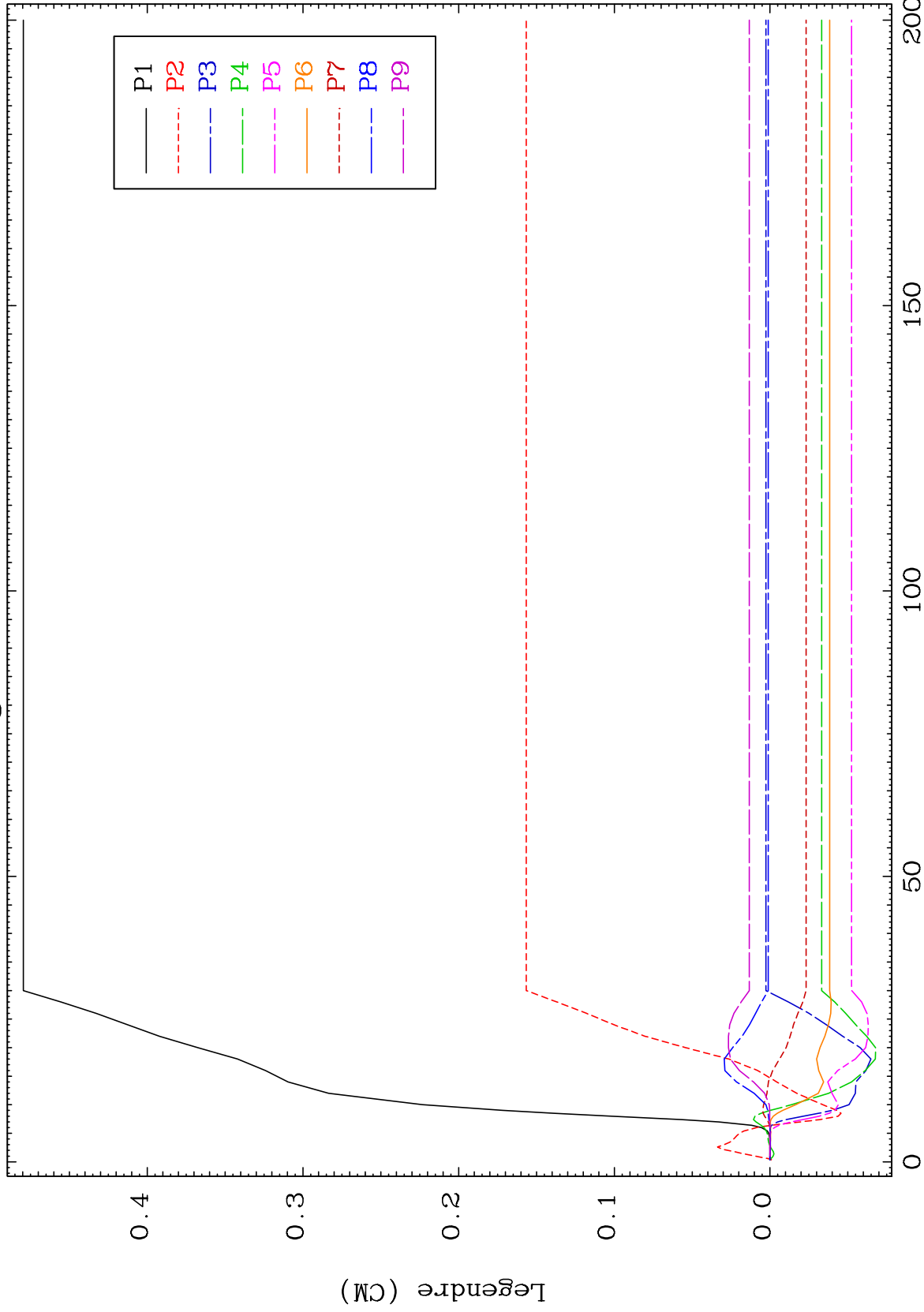
23

57-La-141

MAT 5734

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

57-La-141

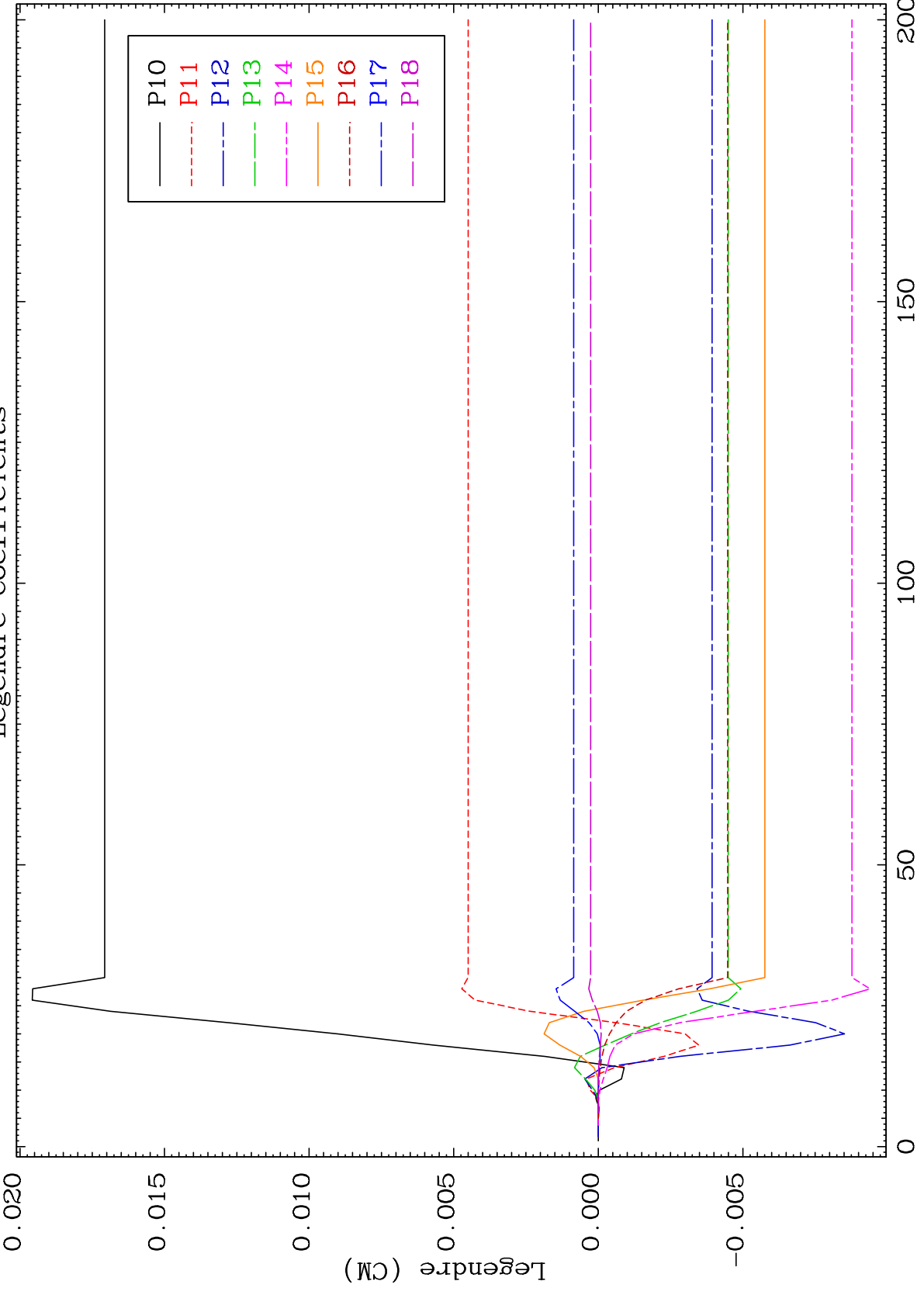


24

Incident Energy (MeV)

57-La-141

MAT 5734 MT= 52 (n,n') Level Legendre Coefficients 57-La-141

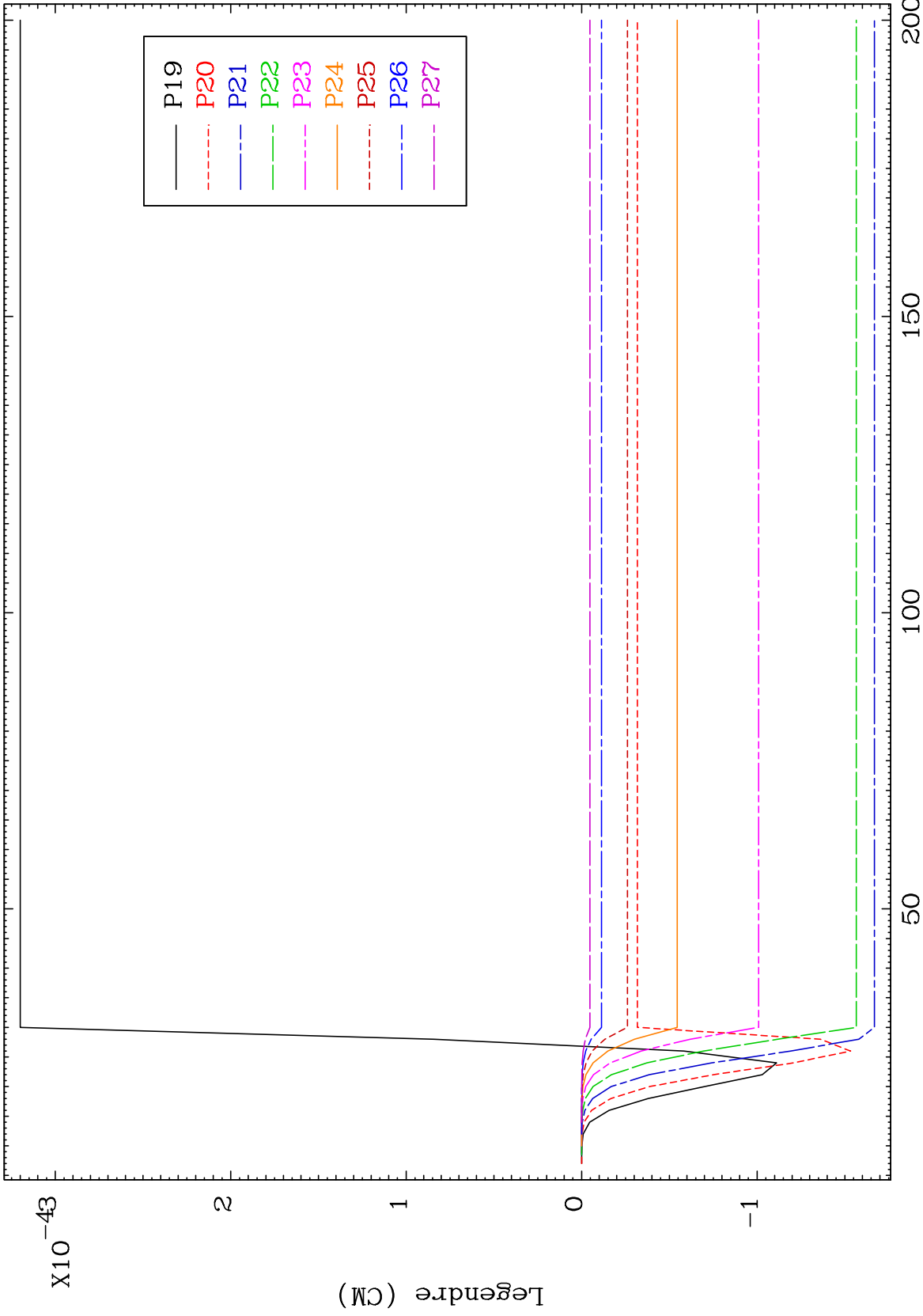


57-La-141

MAT 5734

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

57-La-141

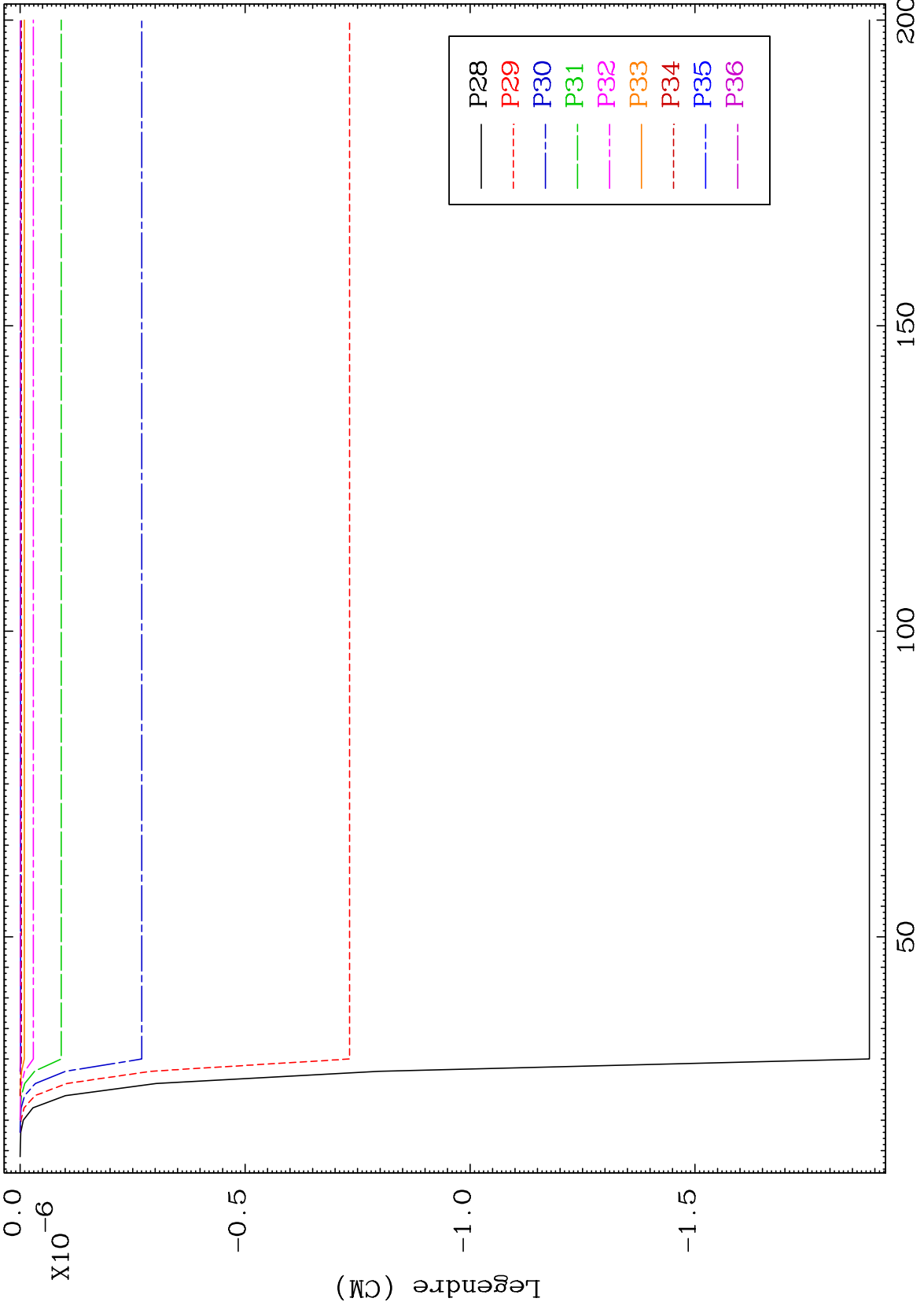


26

Incident Energy (MeV)

57-La-141

MAT 5734 MT= 52 (n,n') Level Legendre Coefficients 57-La-141

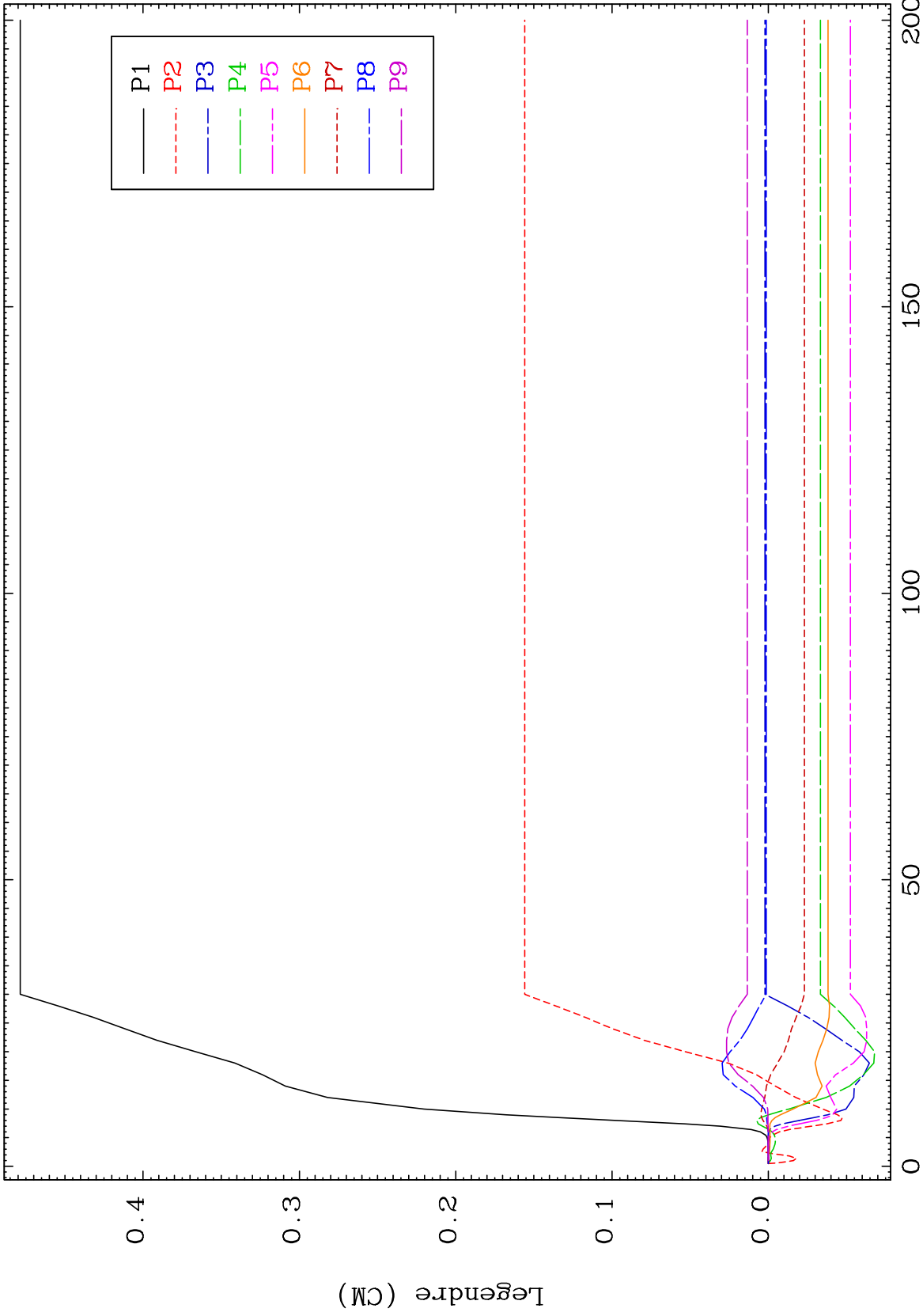


27 57-La-141

MAT 5734

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

57-La-141



28

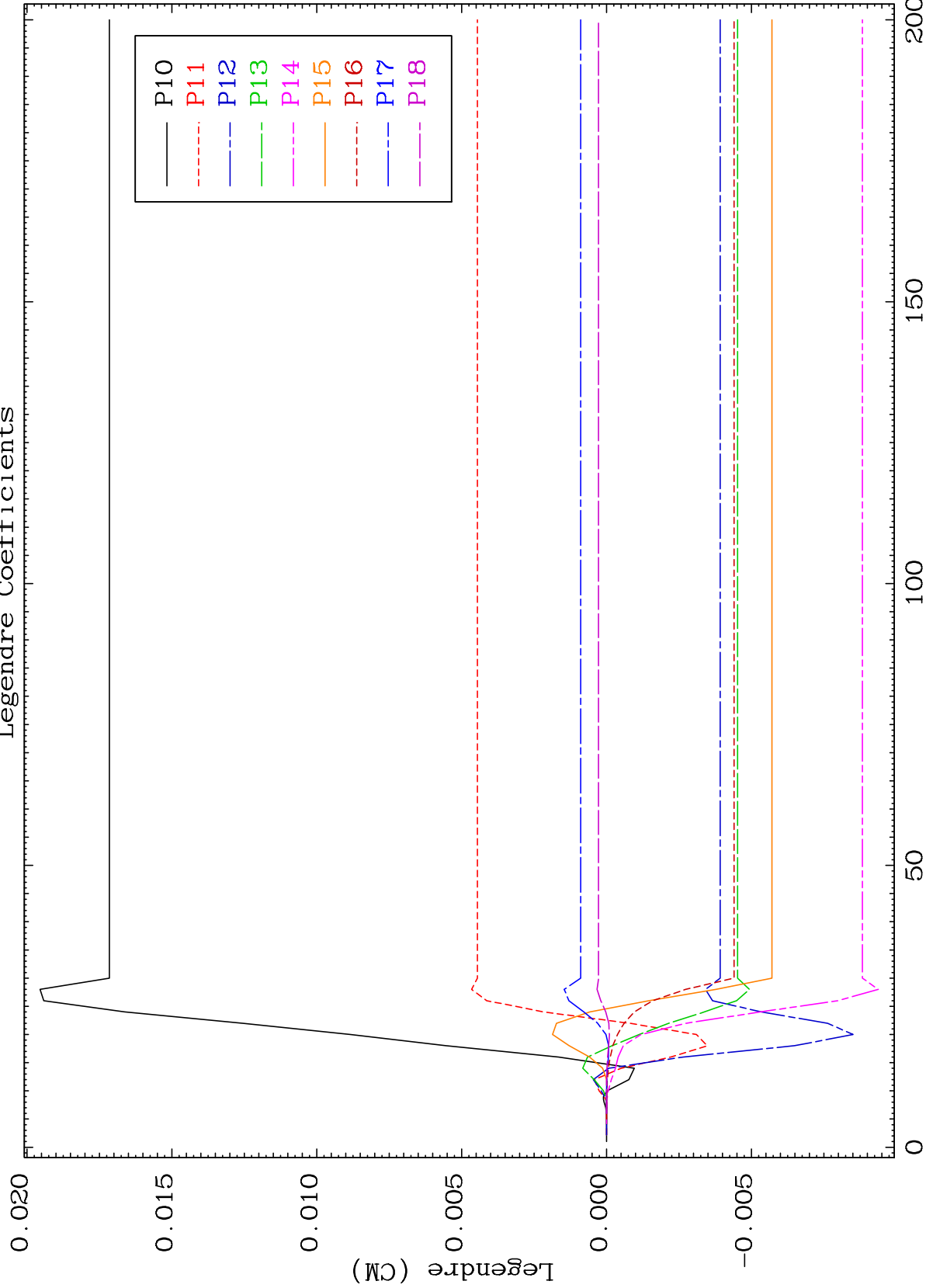
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



29

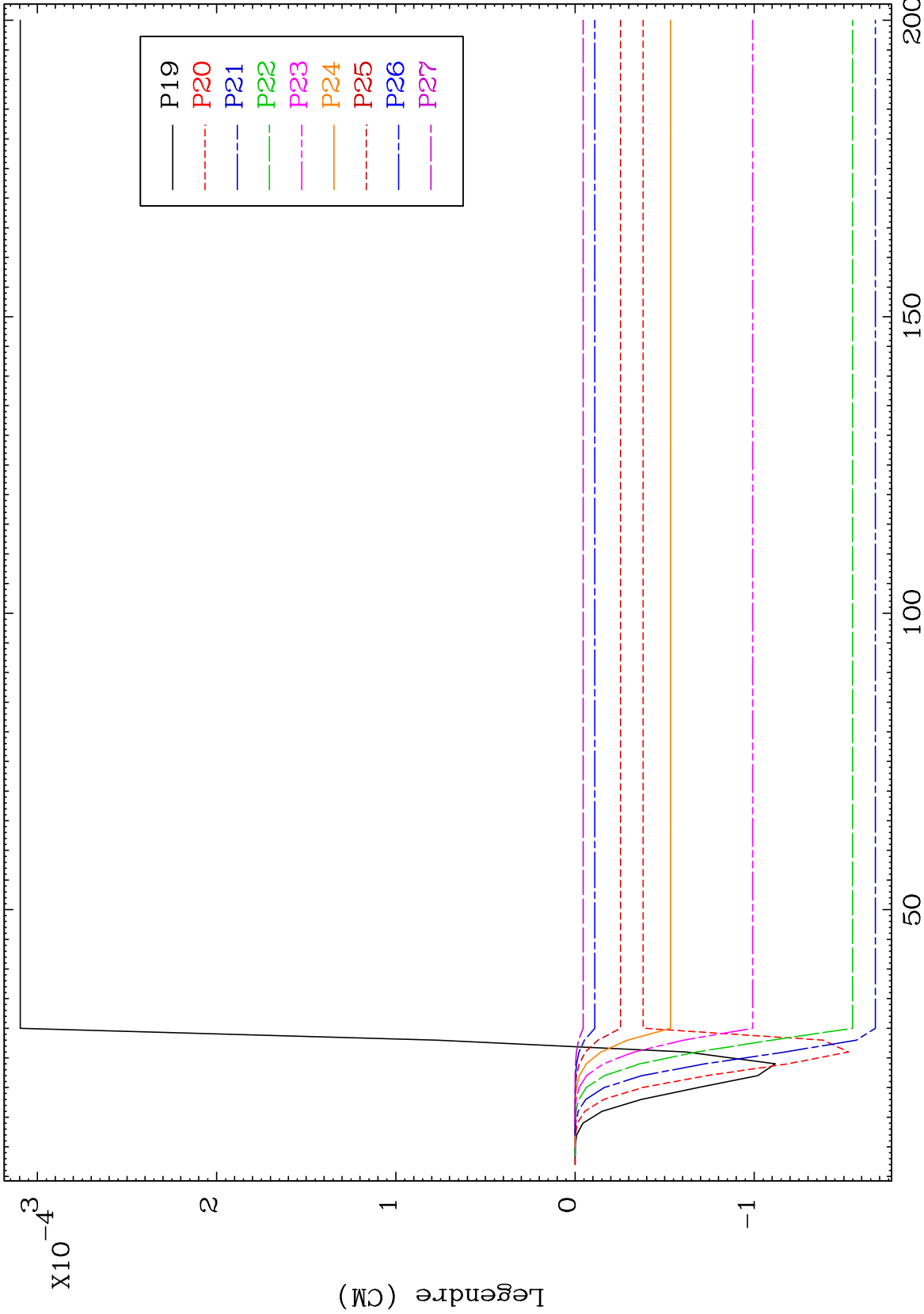
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



30

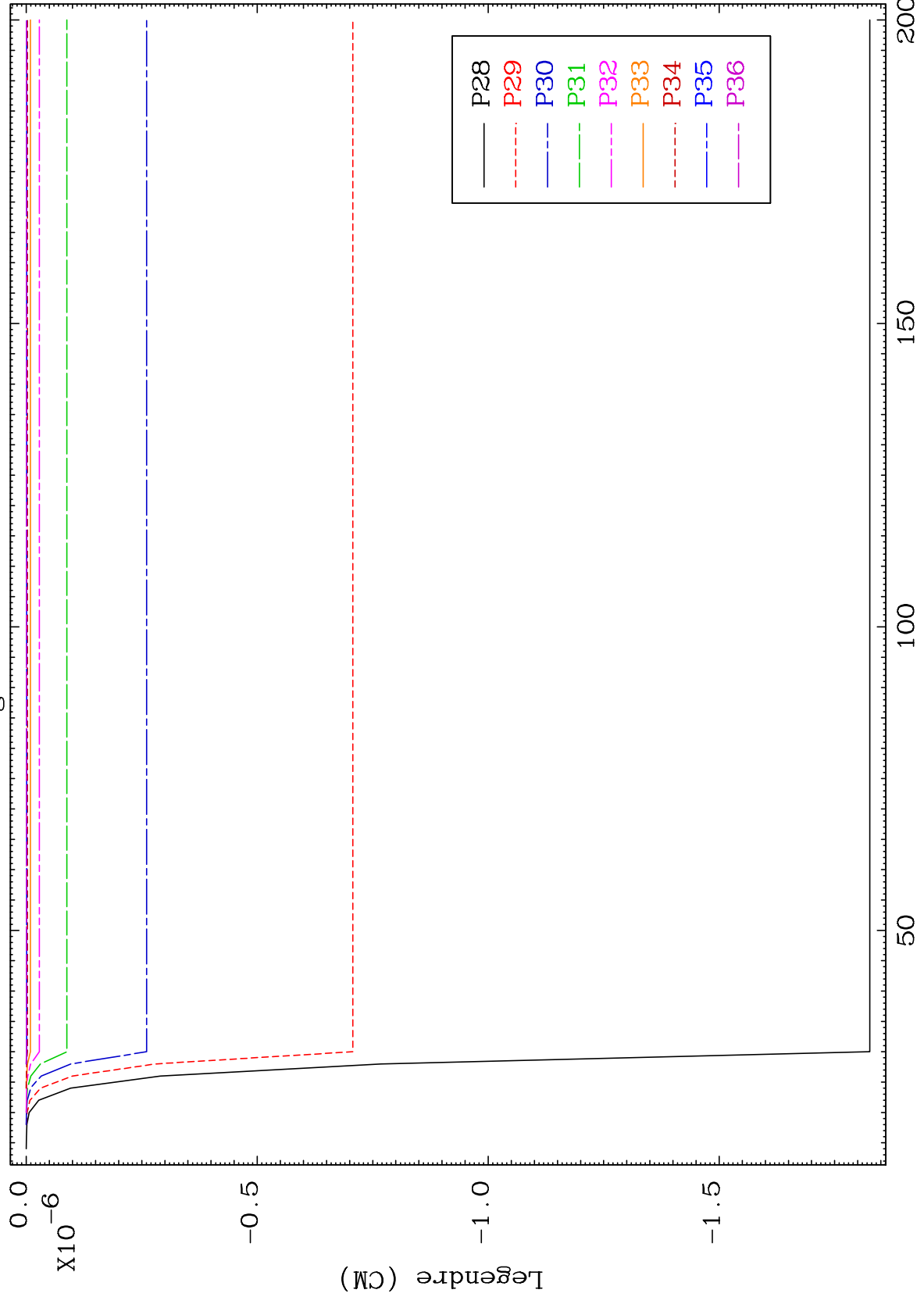
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



57-La-141

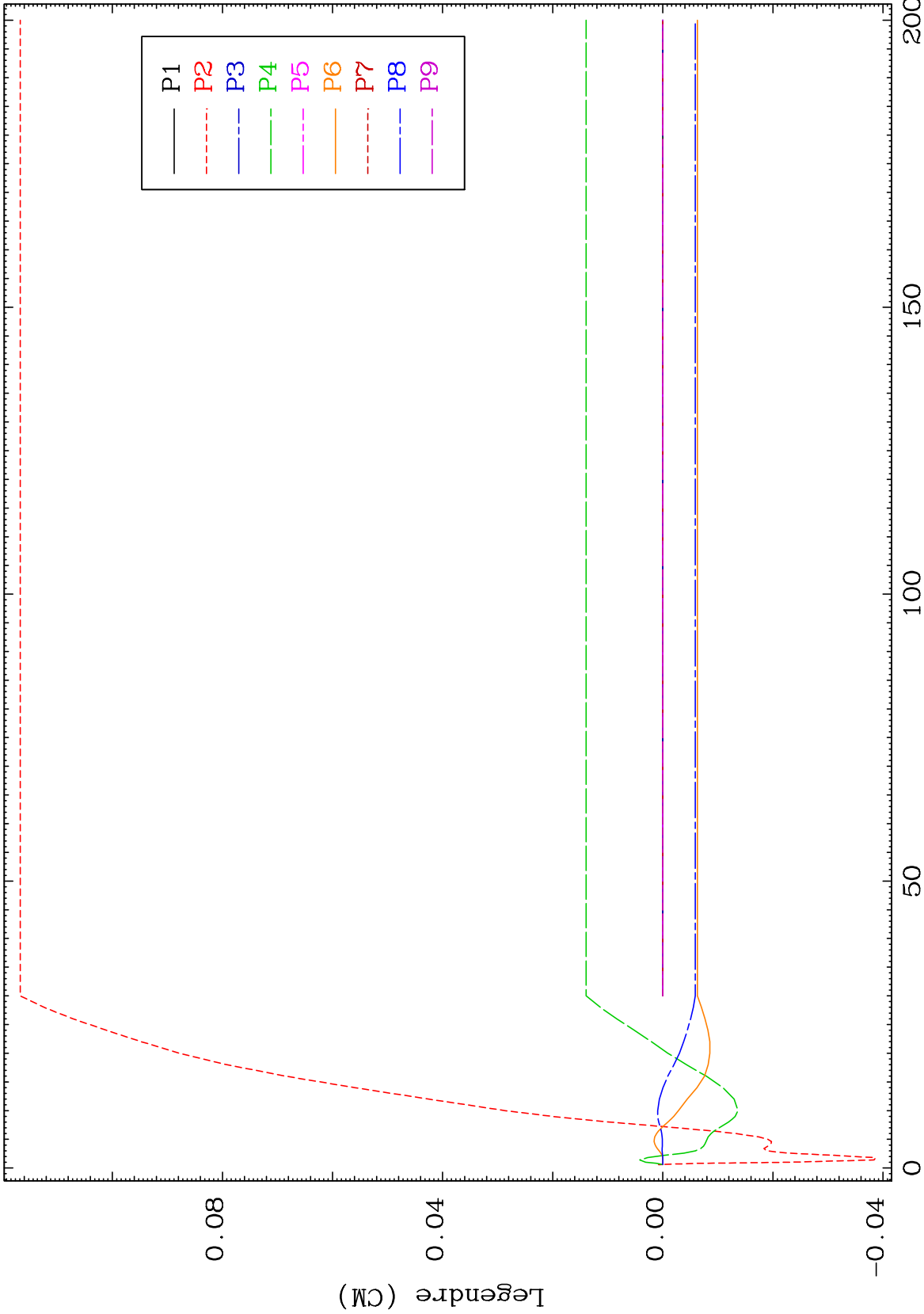
Incident Energy (MeV)

31

MAT 5734

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

57-La-141



32

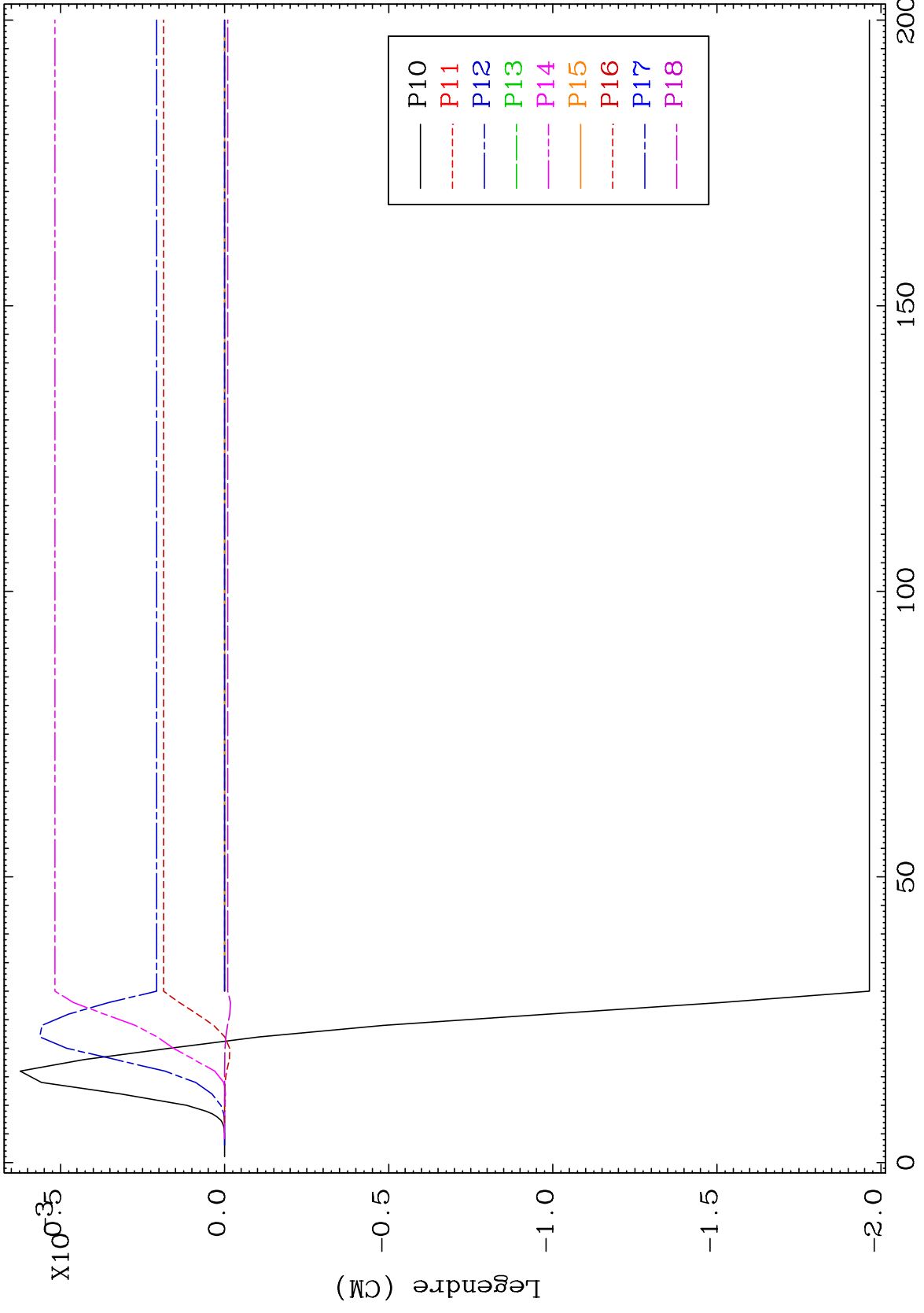
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141

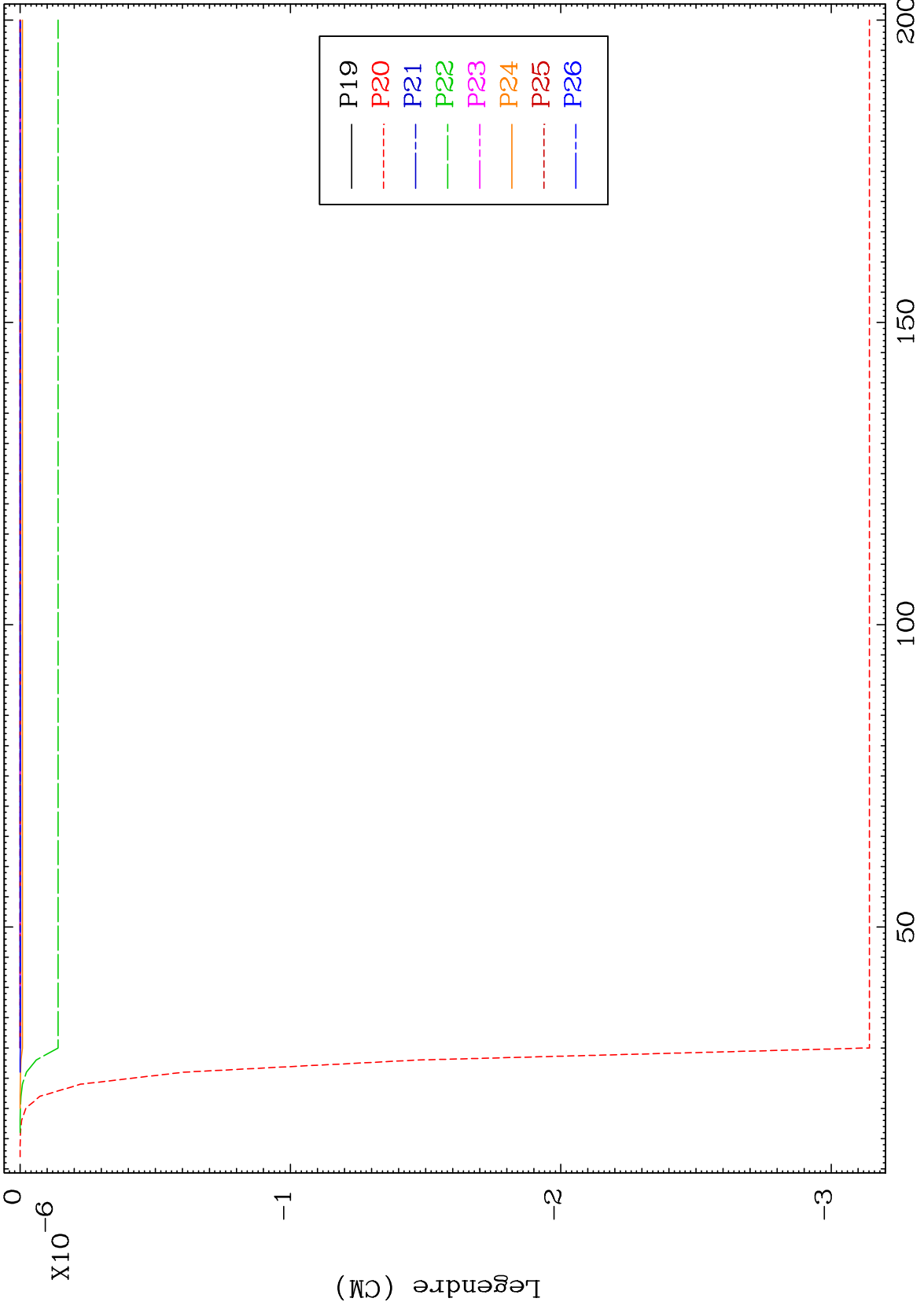


33

Incident Energy (MeV)

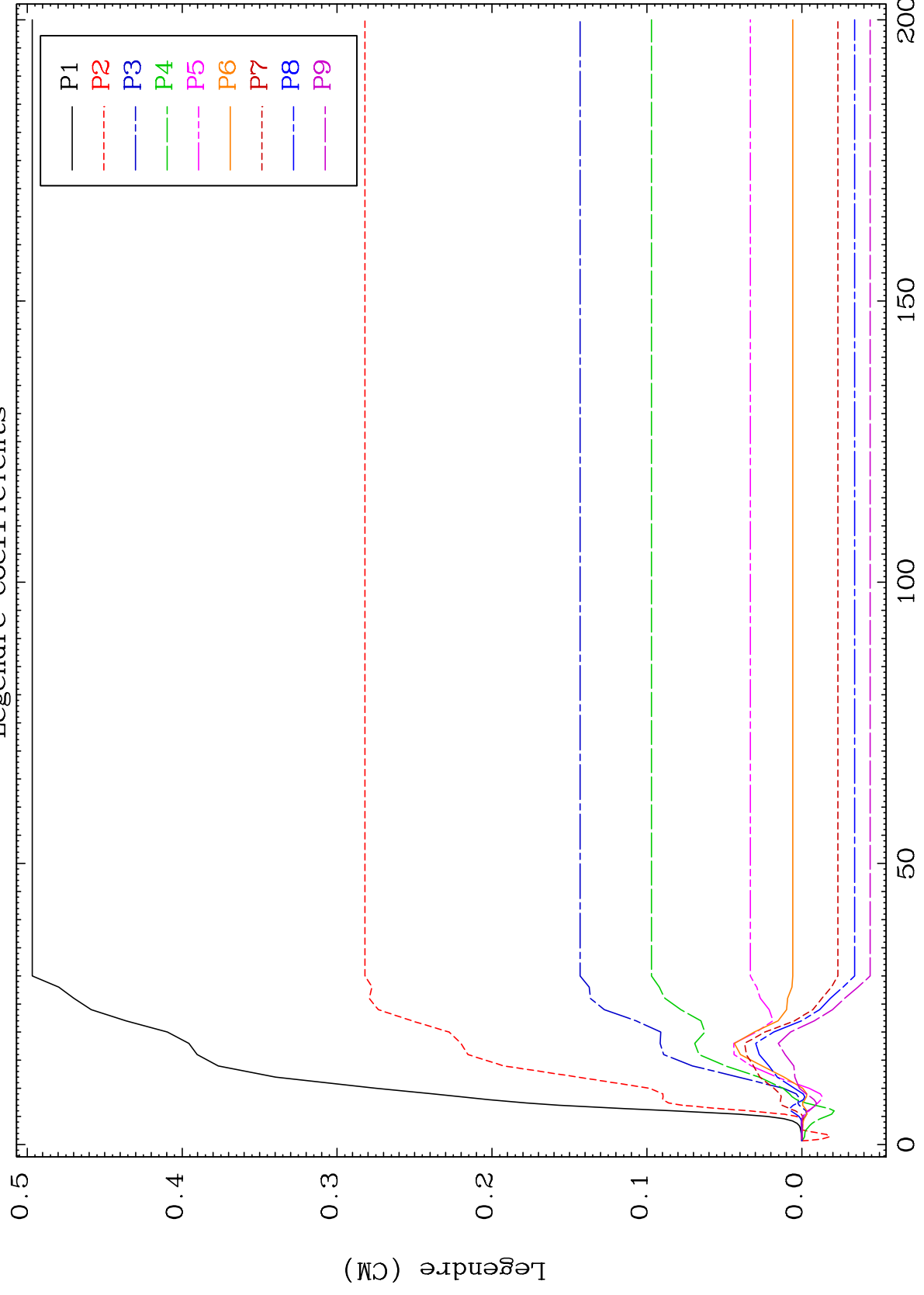
57-La-141

MAT 5734 MT= 54 (n,n') Level Legendre Coefficients 57-La-141



34 57-La-141

MAT 5734 MT= 55 (n,n') Level Legendre Coefficients 57-La-141

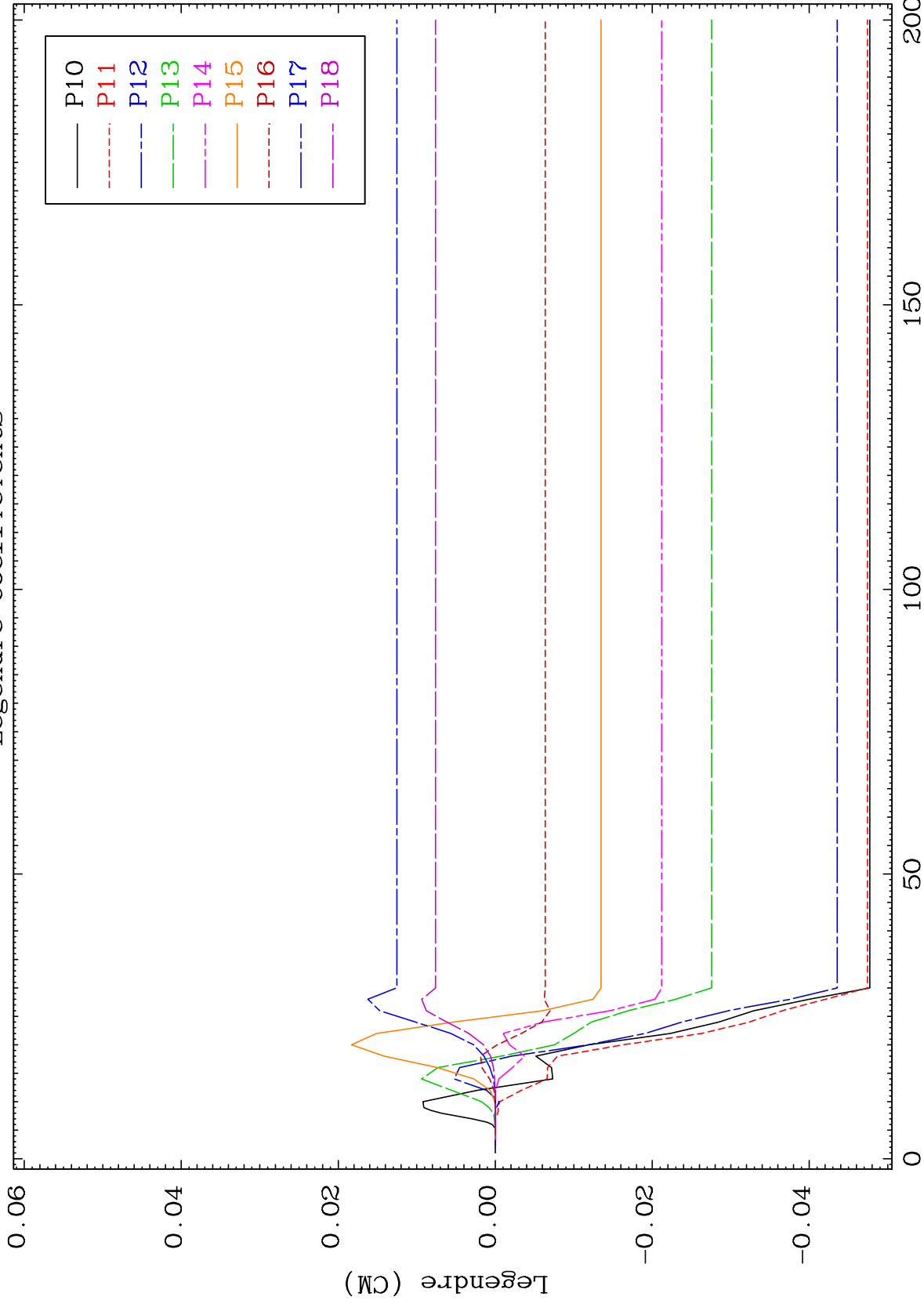


57-La-141

MAT 5734

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

57-La-141



36

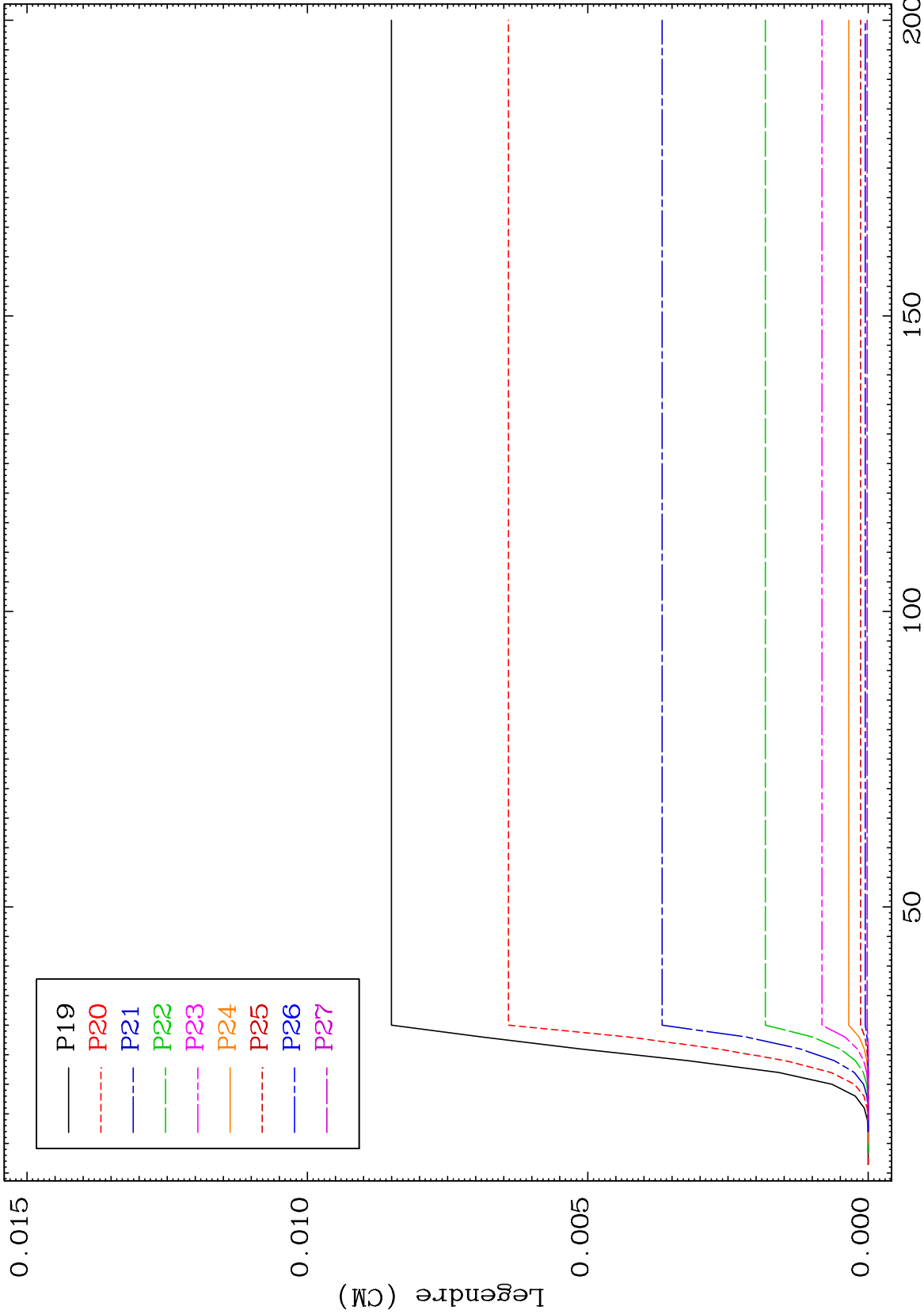
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



37

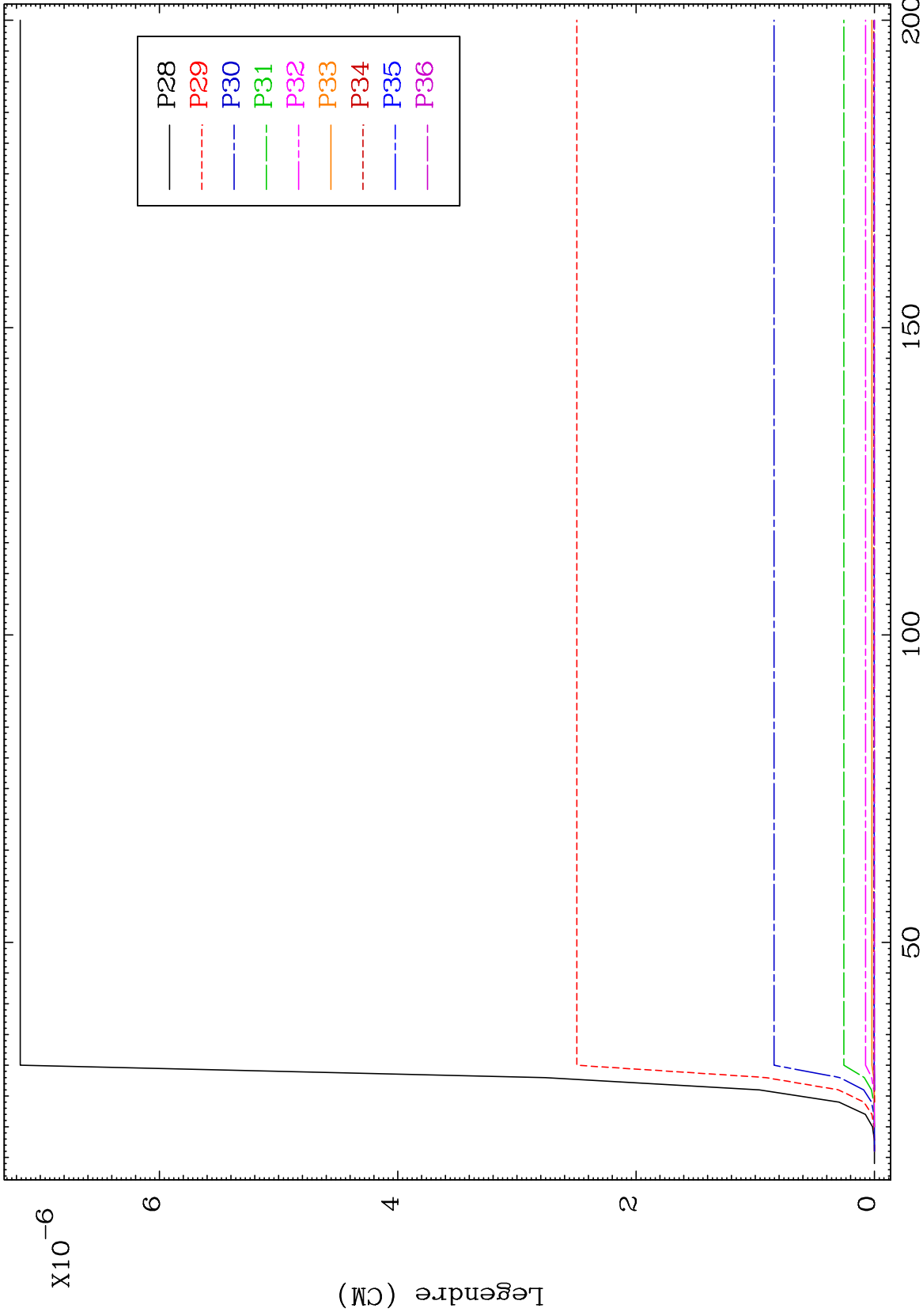
Incident Energy (MeV)

57-La-141

MAT 5734

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

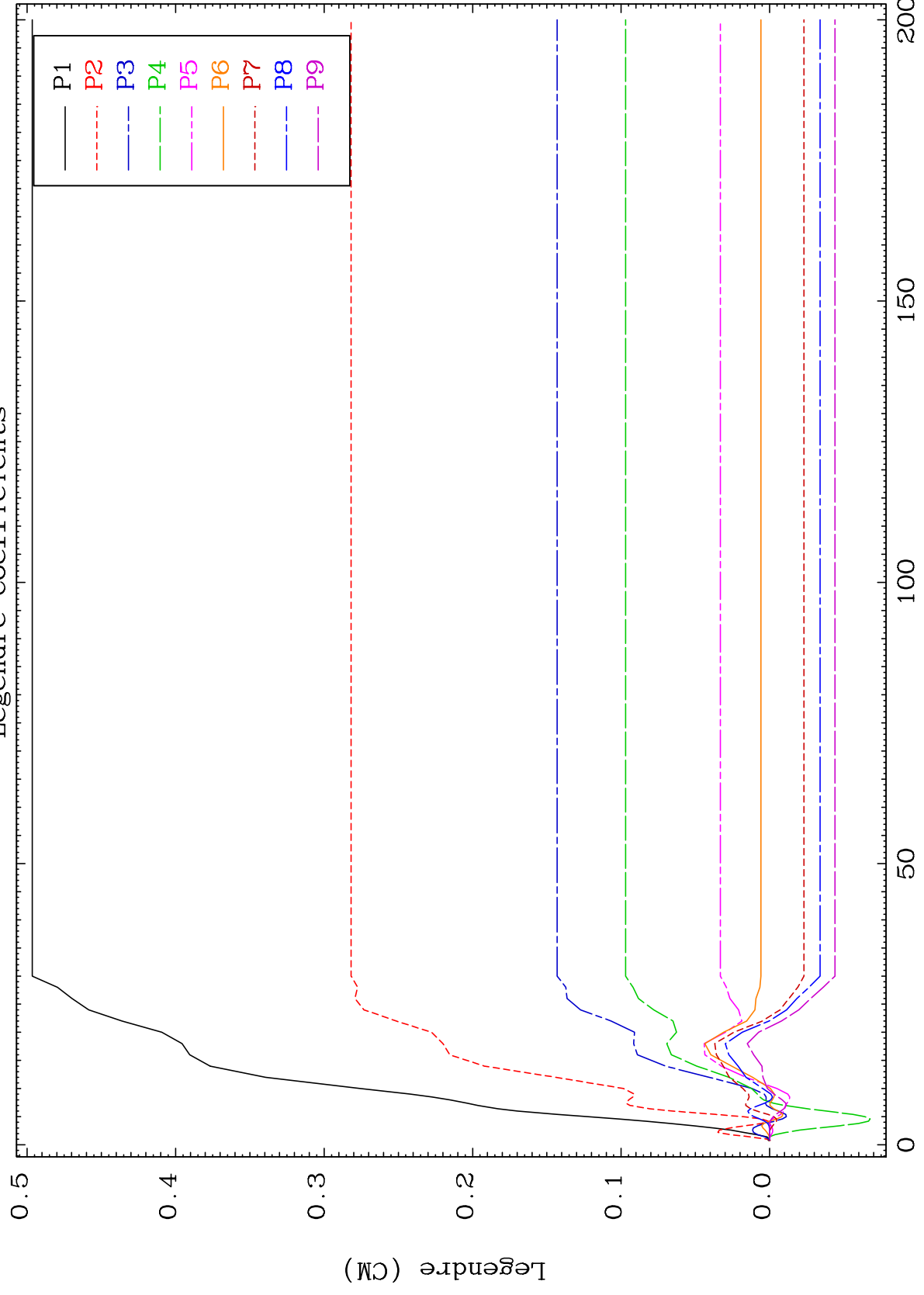
57-La-141



38

57-La-141

MAT 5734 MT= 56 (n,n') Level Legendre Coefficients 57-La-141

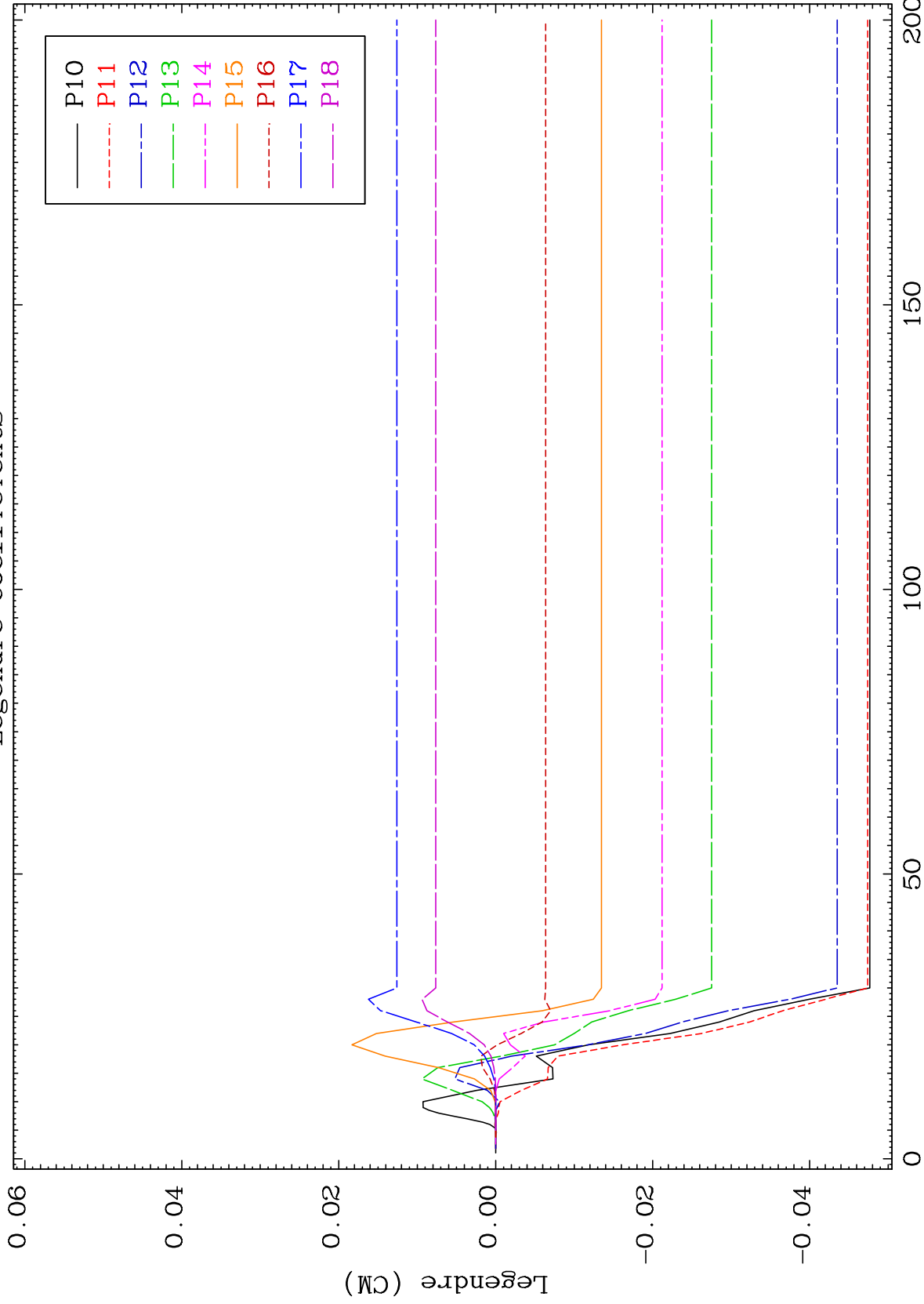


39 57-La-141

MAT 5734

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

57-La-141



57-La-141

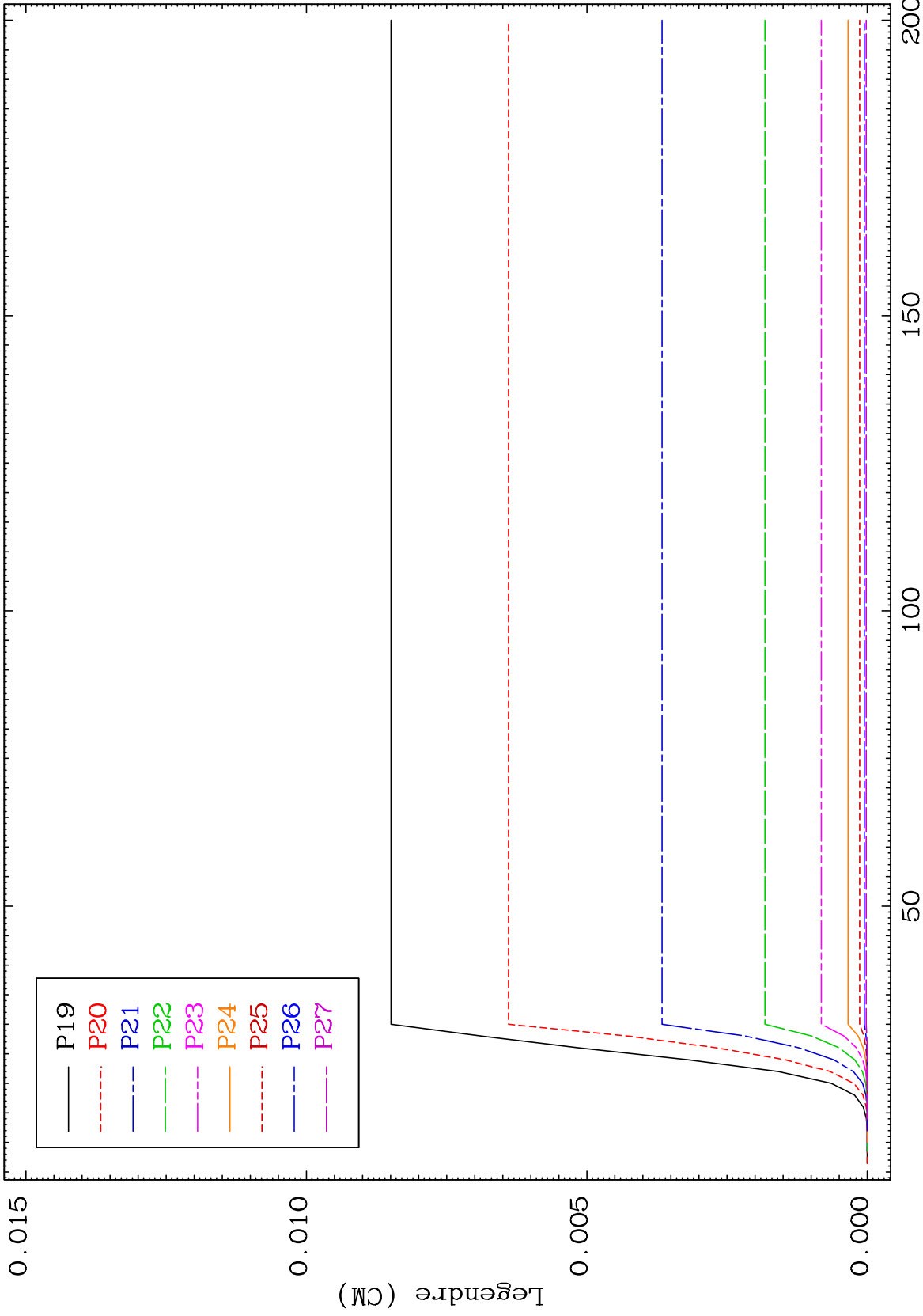
Incident Energy (MeV)

40

MAT 5734

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

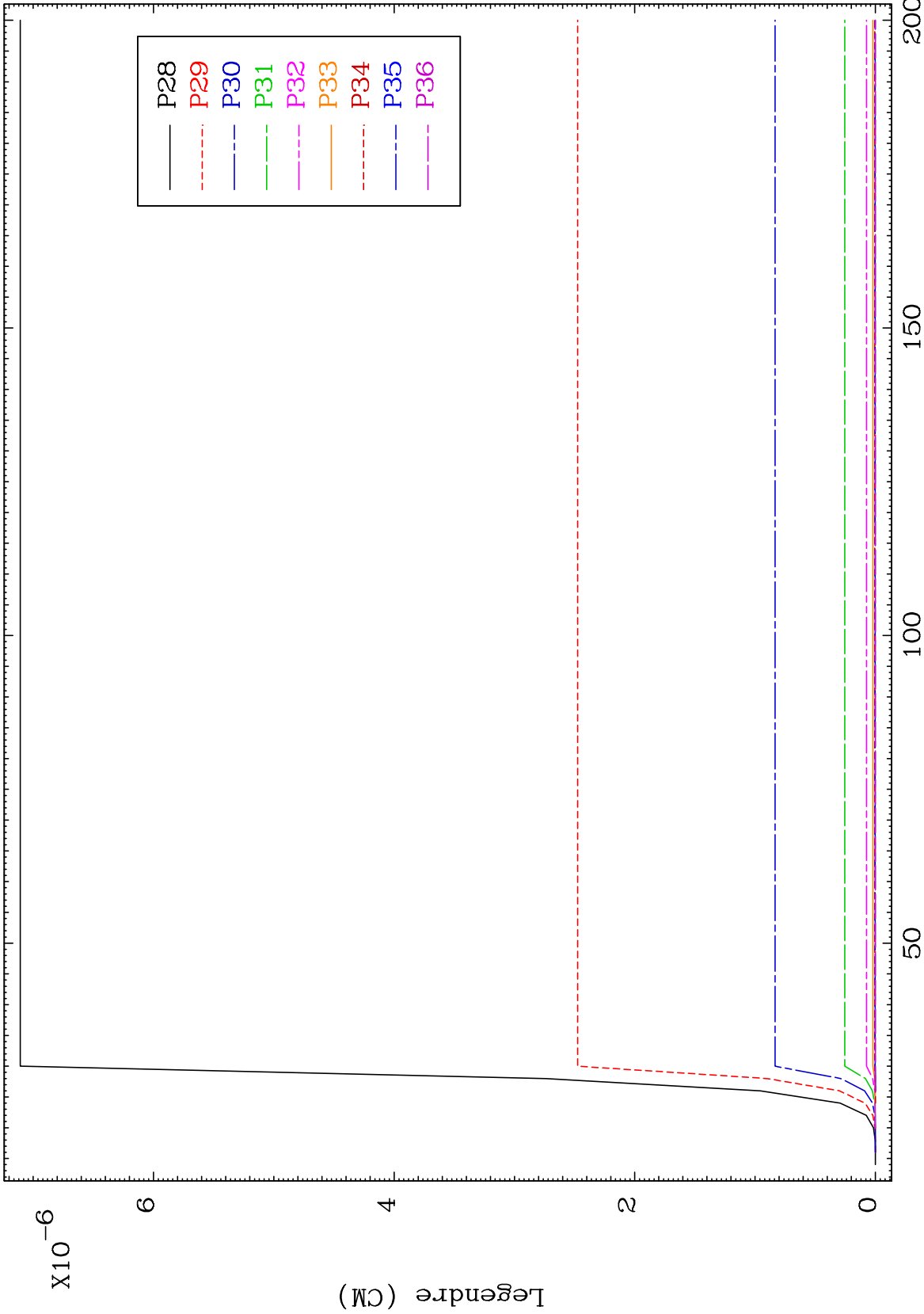
57-La-141



MAT 5734

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

57-La-141



42

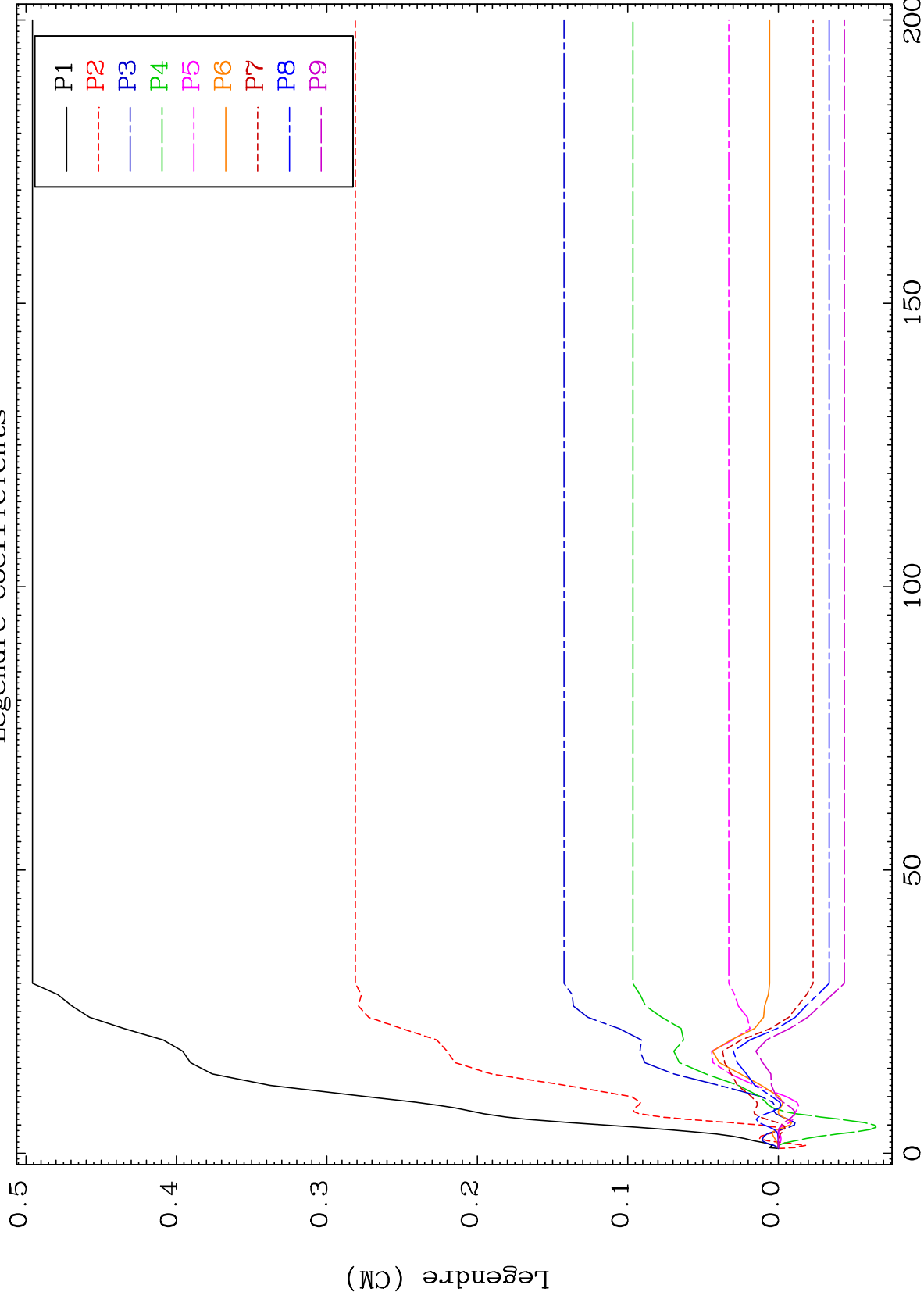
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



43

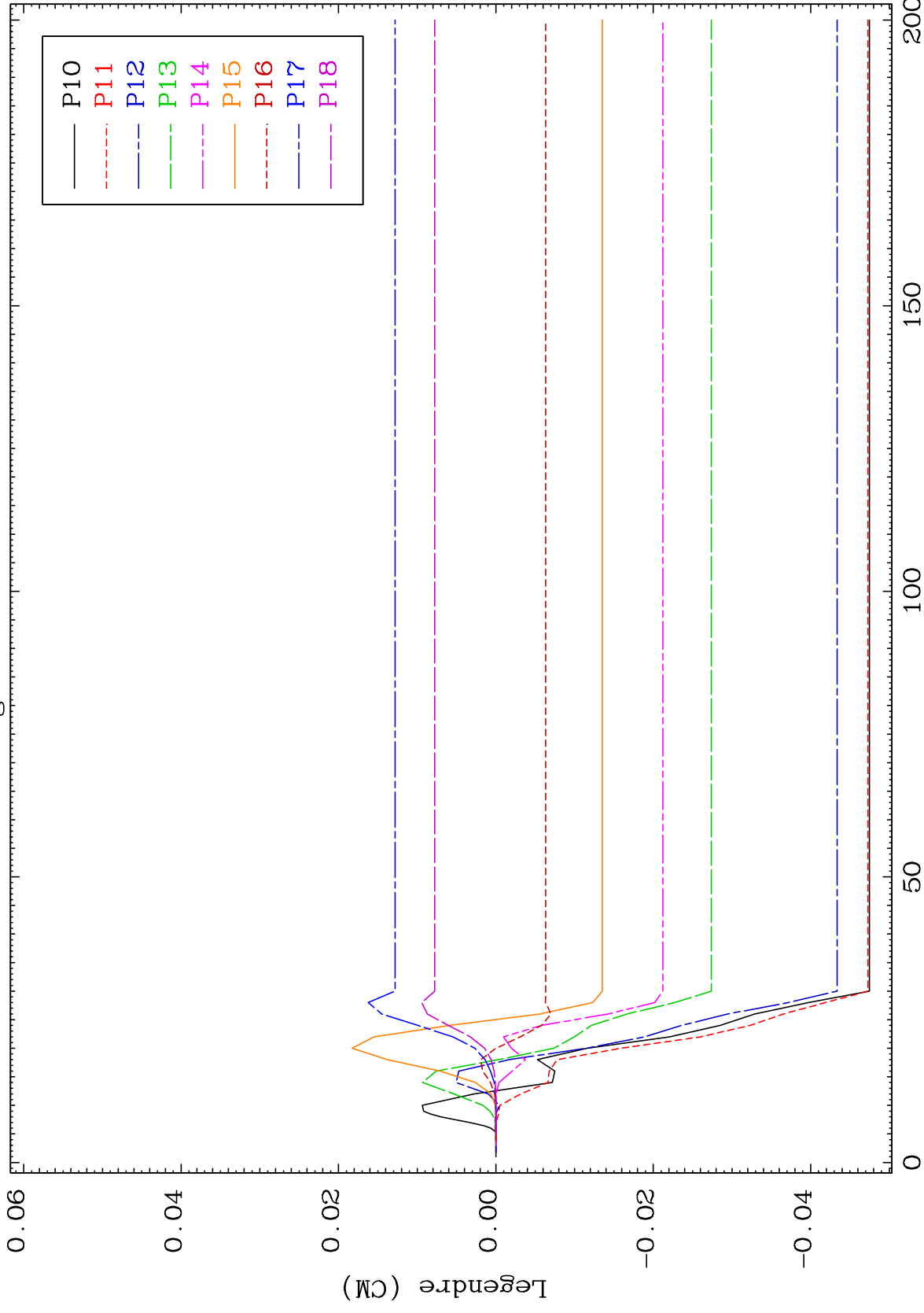
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



44

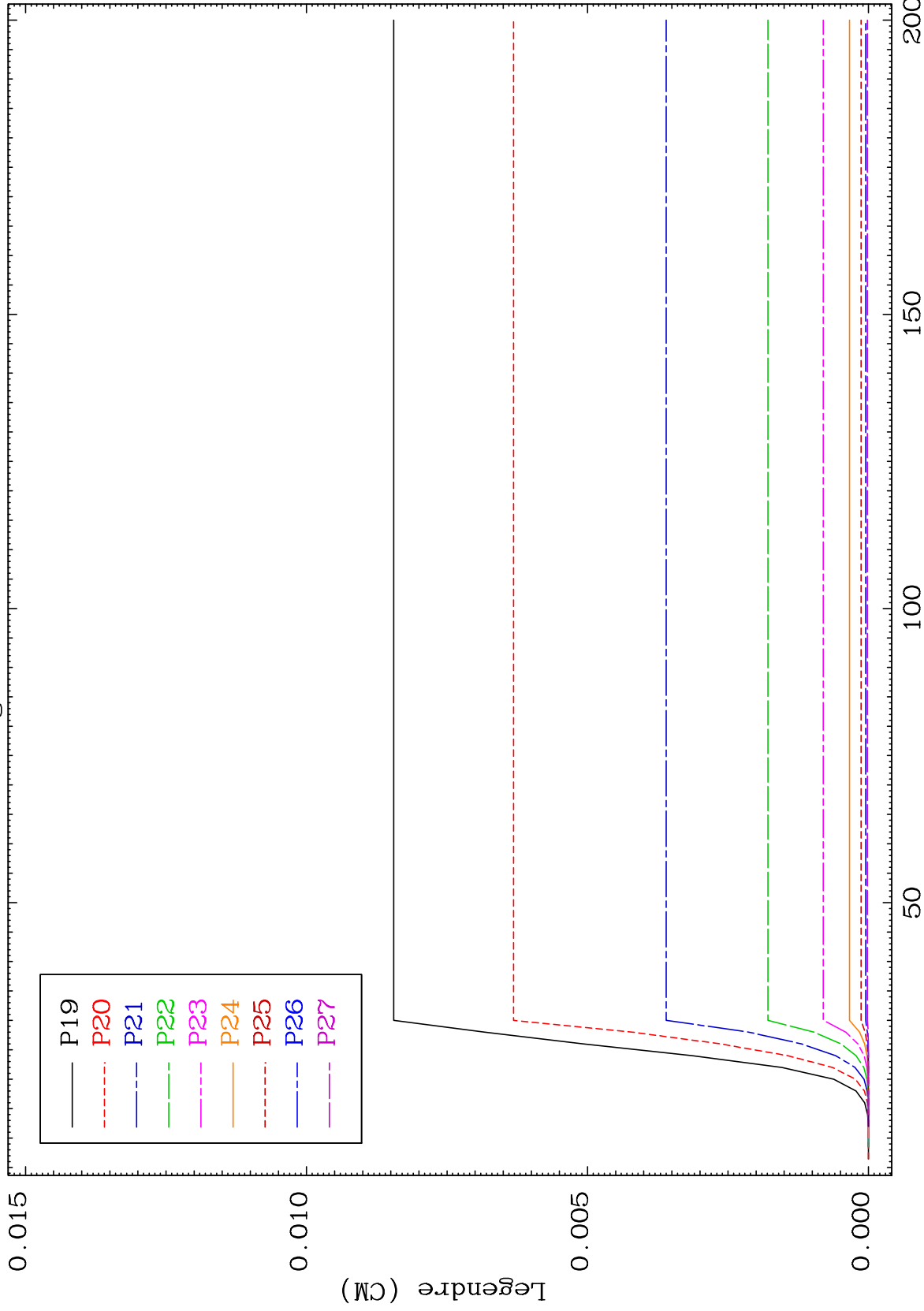
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



45

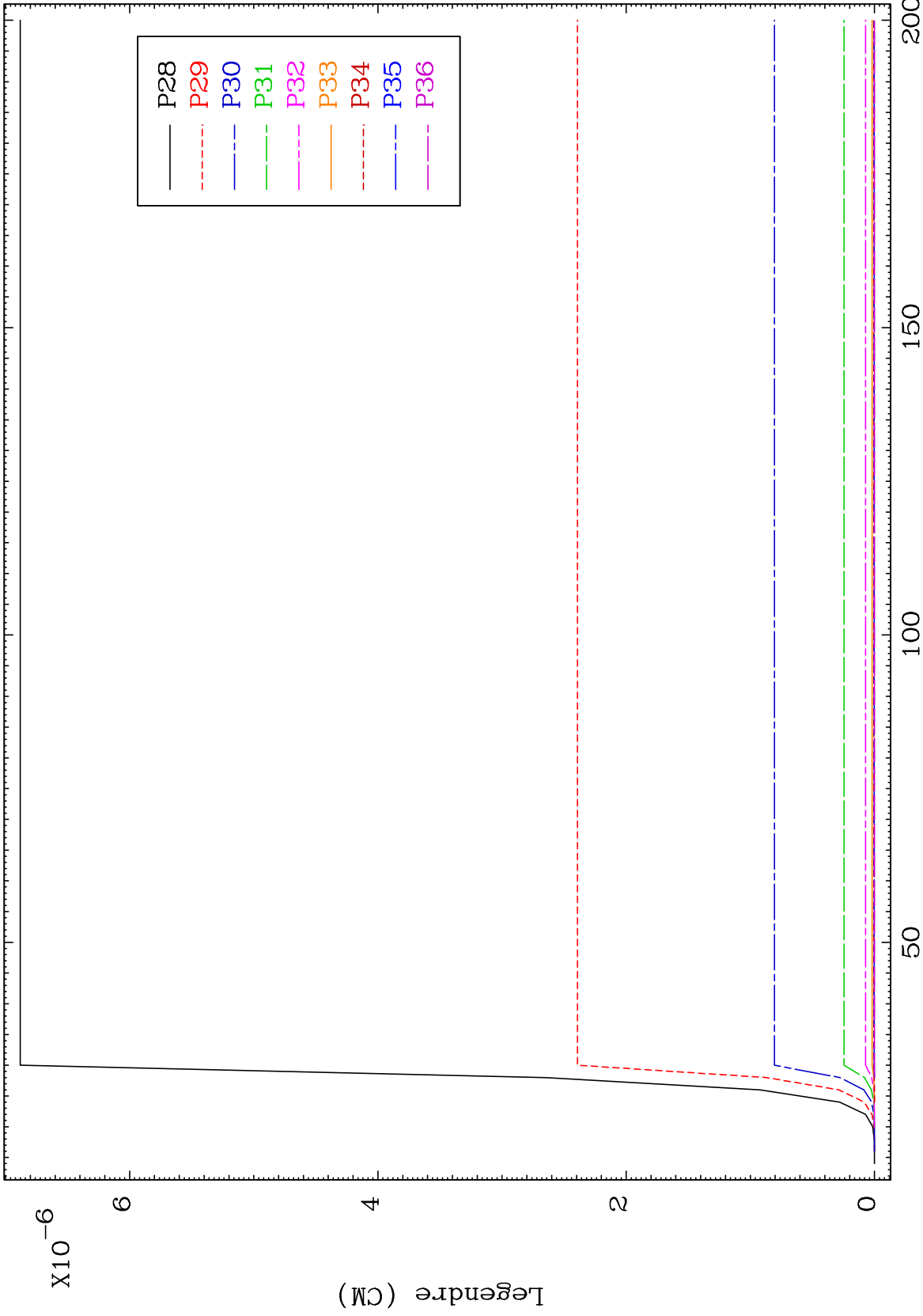
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



46

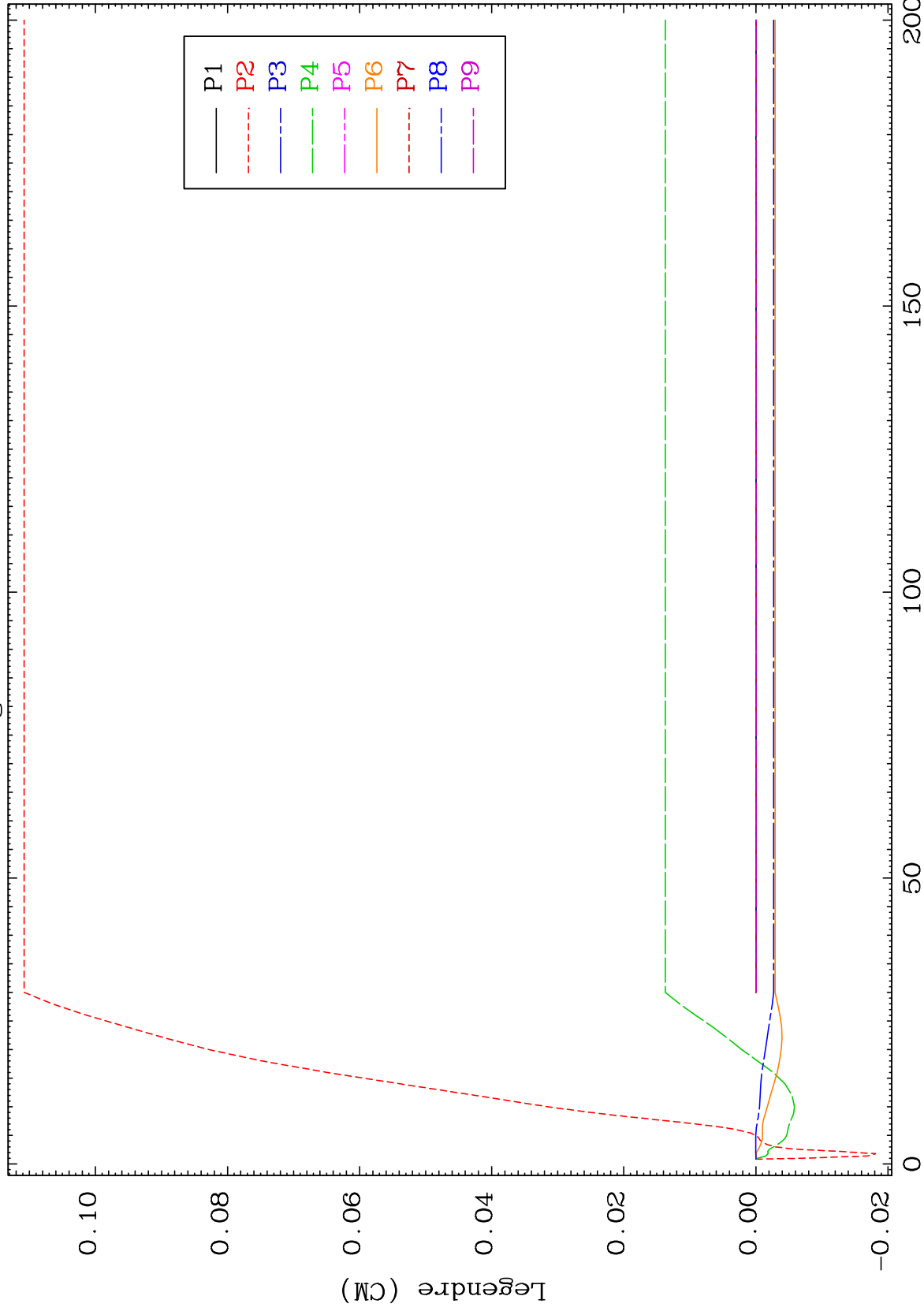
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



47

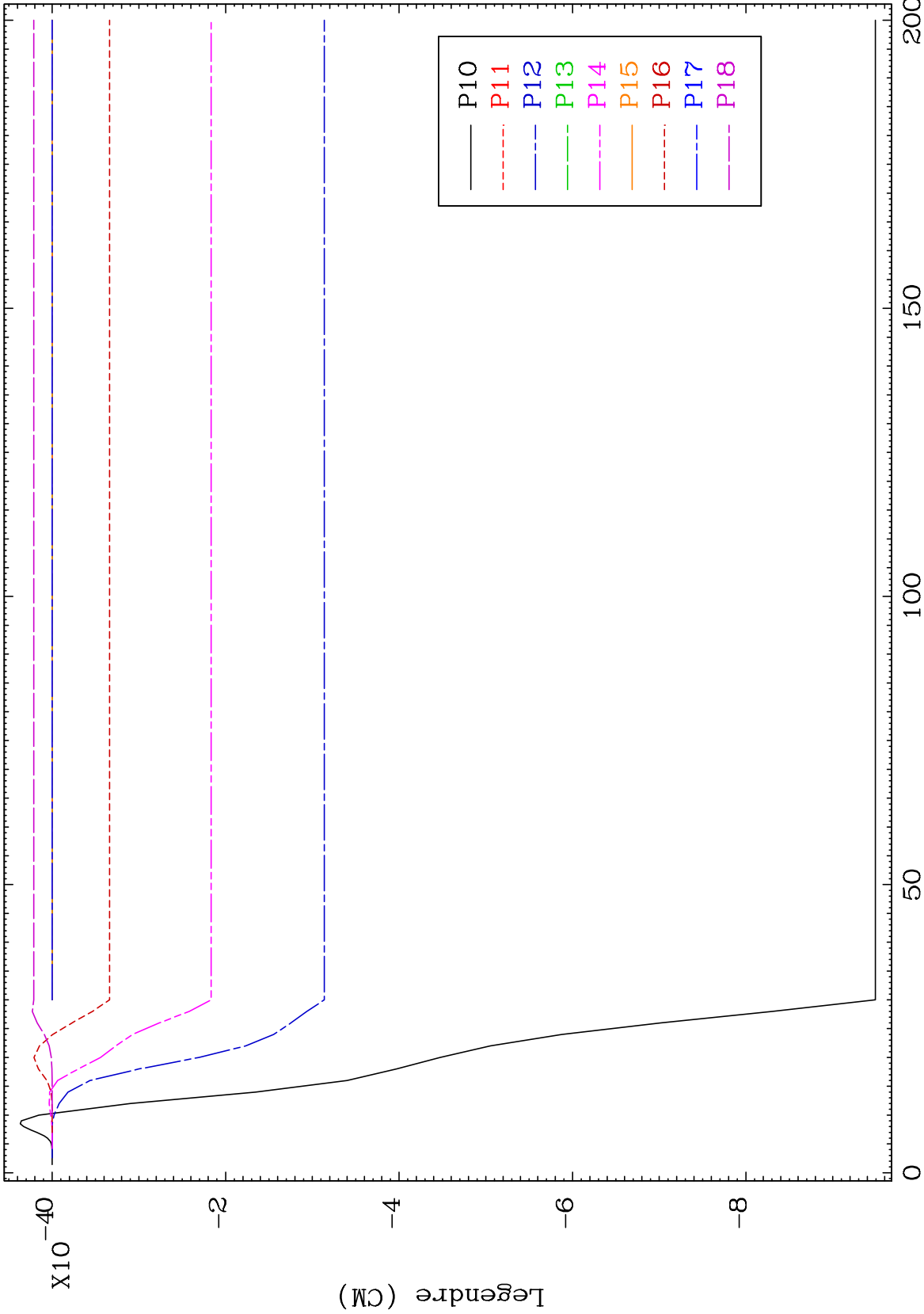
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



48

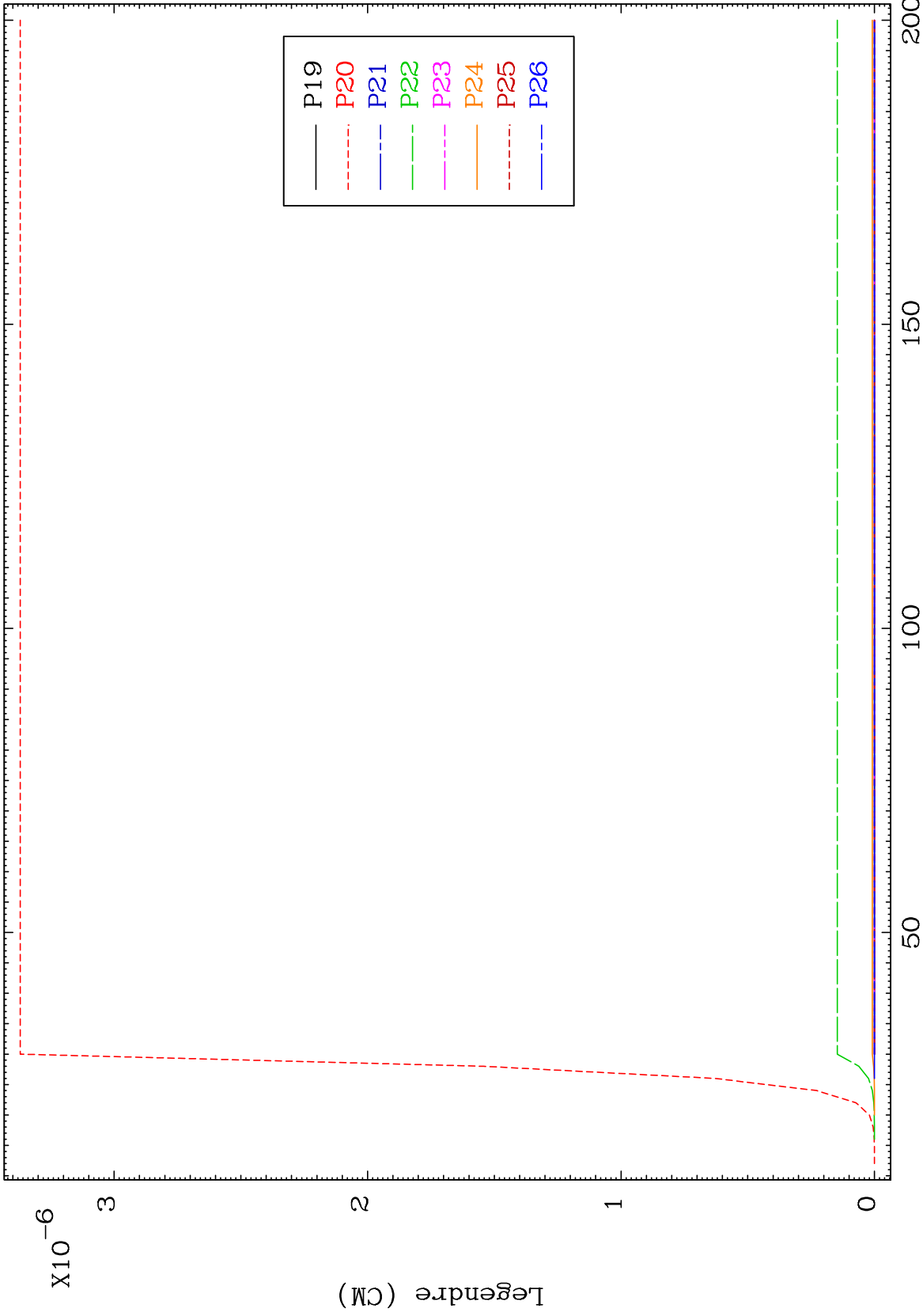
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



49

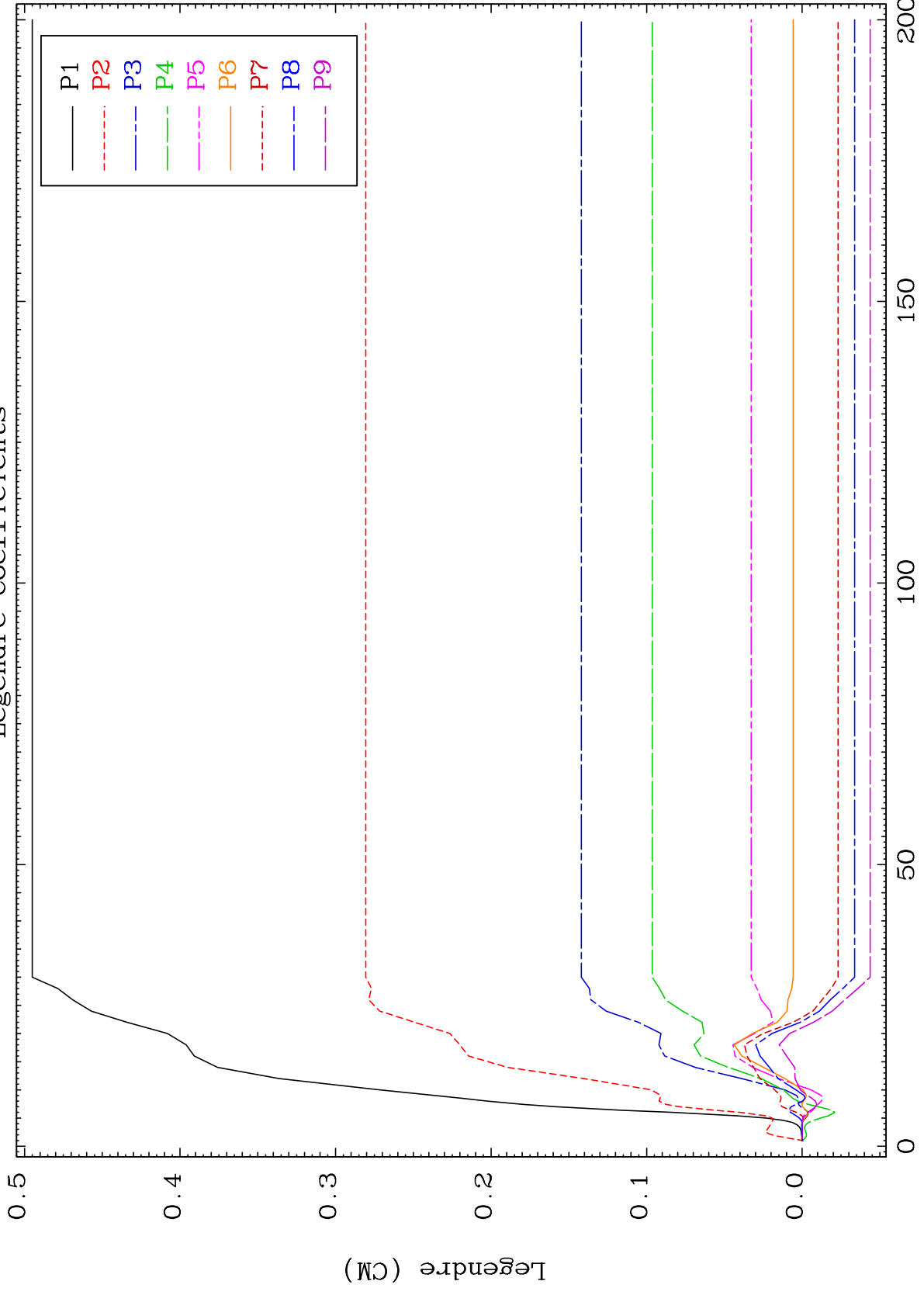
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



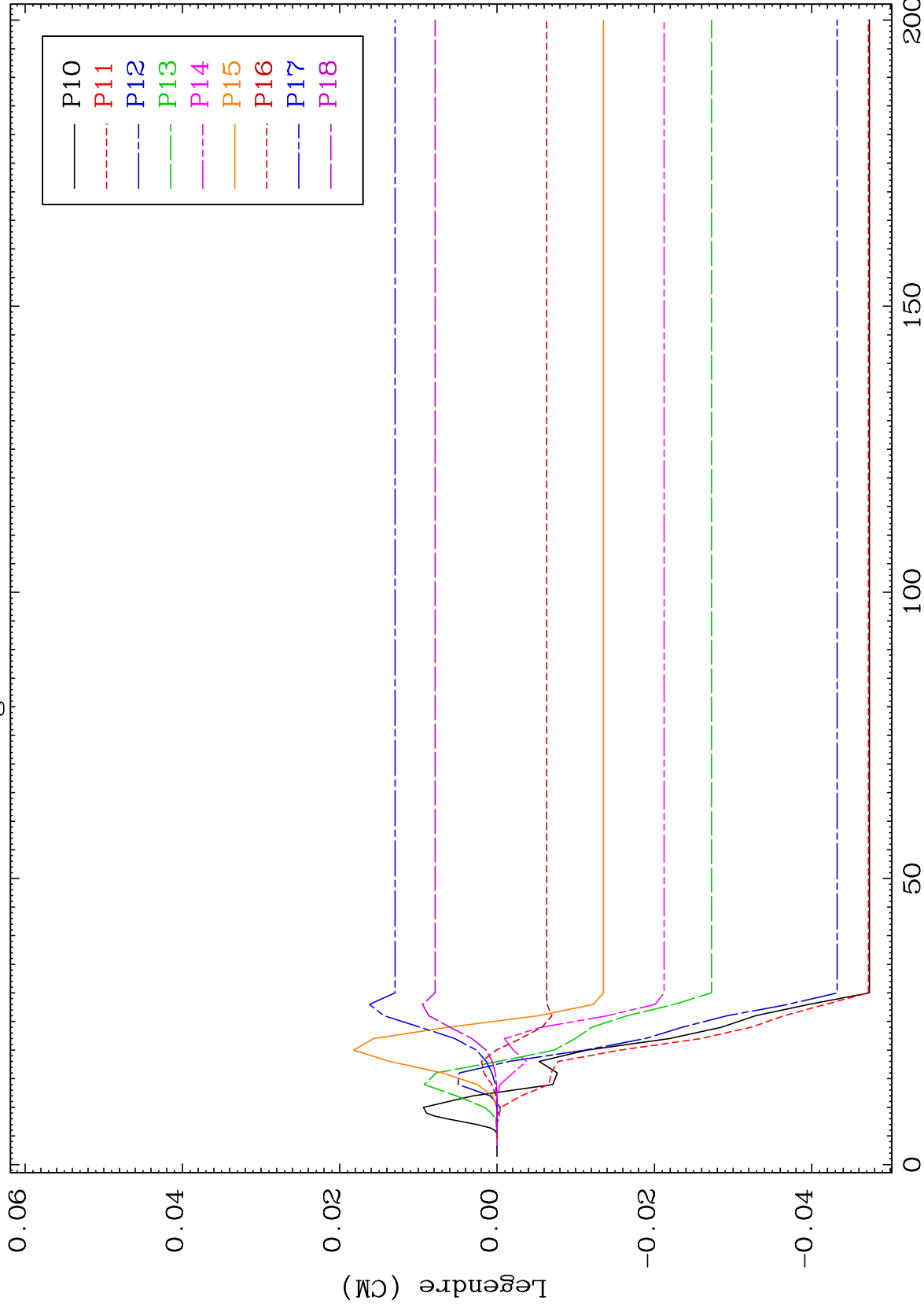
57-La-141

Incident Energy (MeV)

MAT 5734

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

57-La-141



51

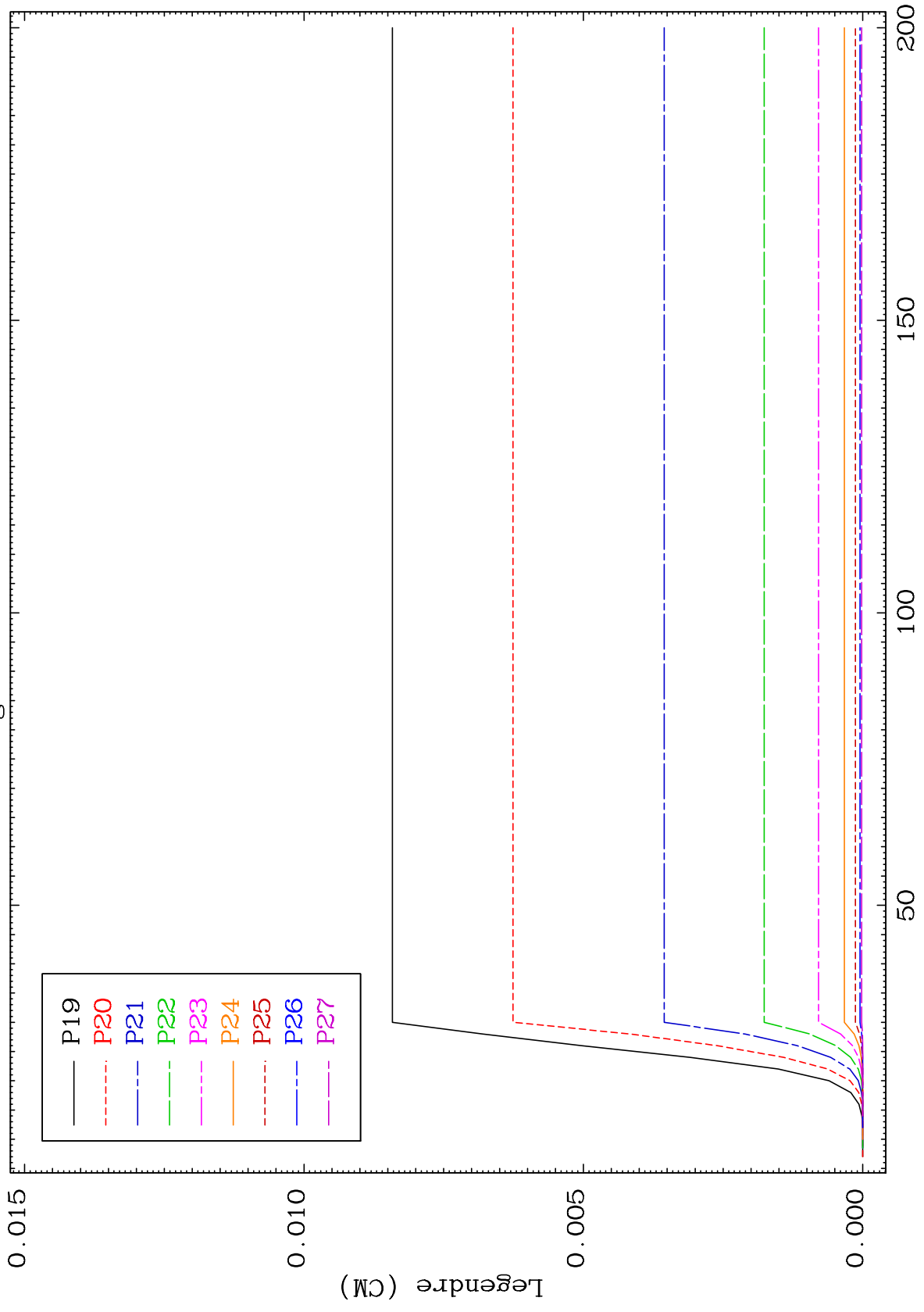
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



52

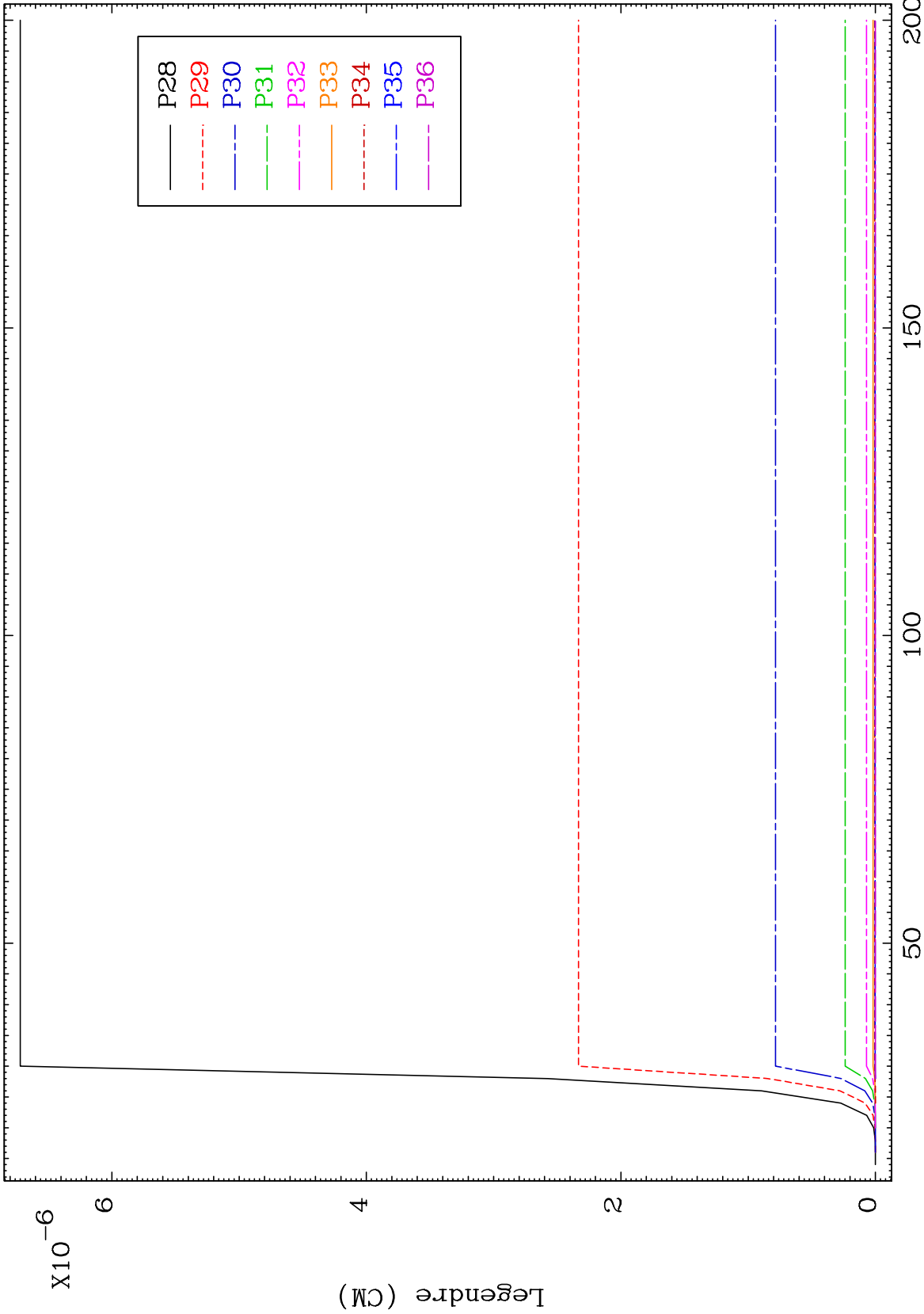
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



53

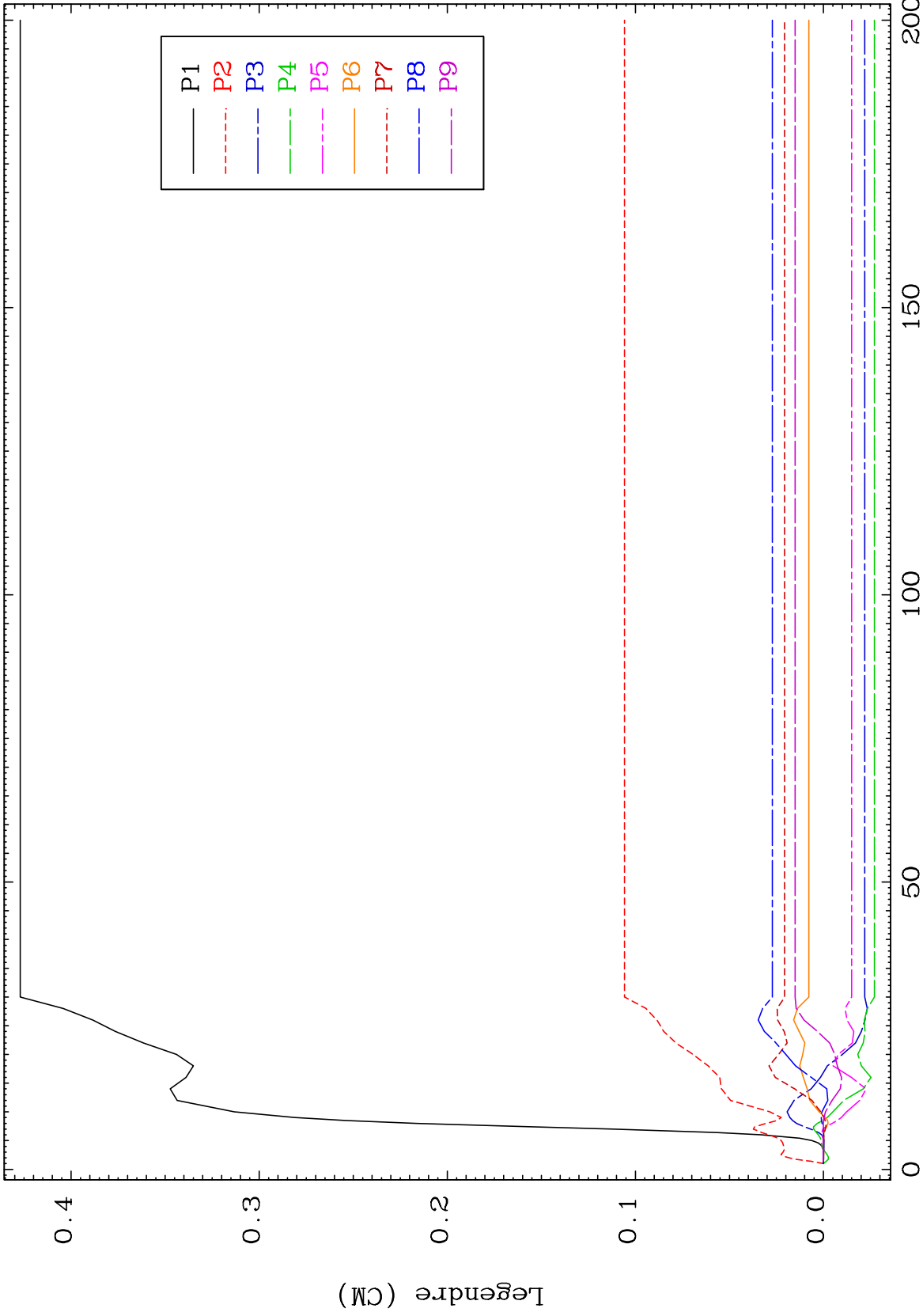
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



54

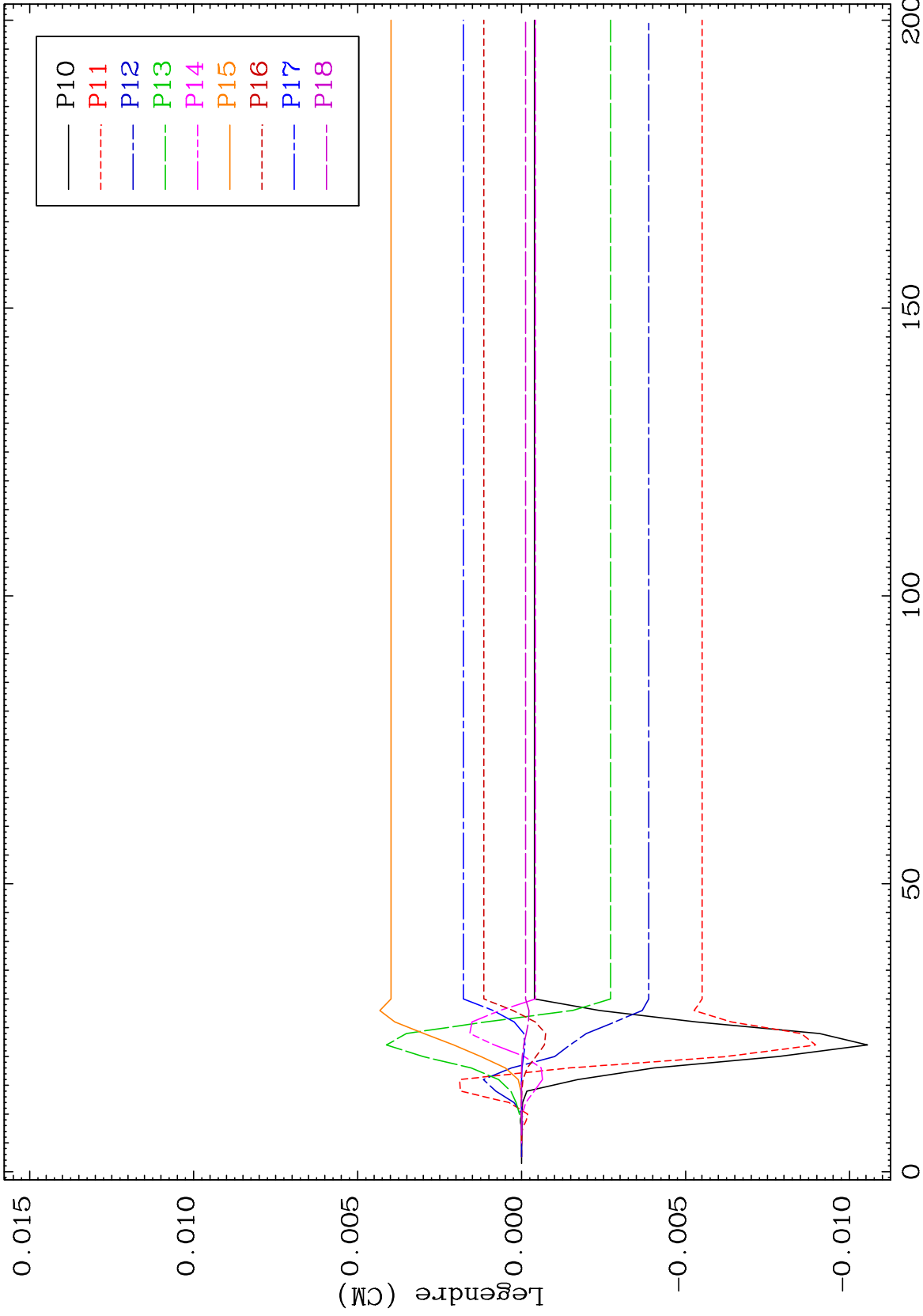
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



55

57-La-141

200

150

100

50

0.015

0.010

0.005

0.000

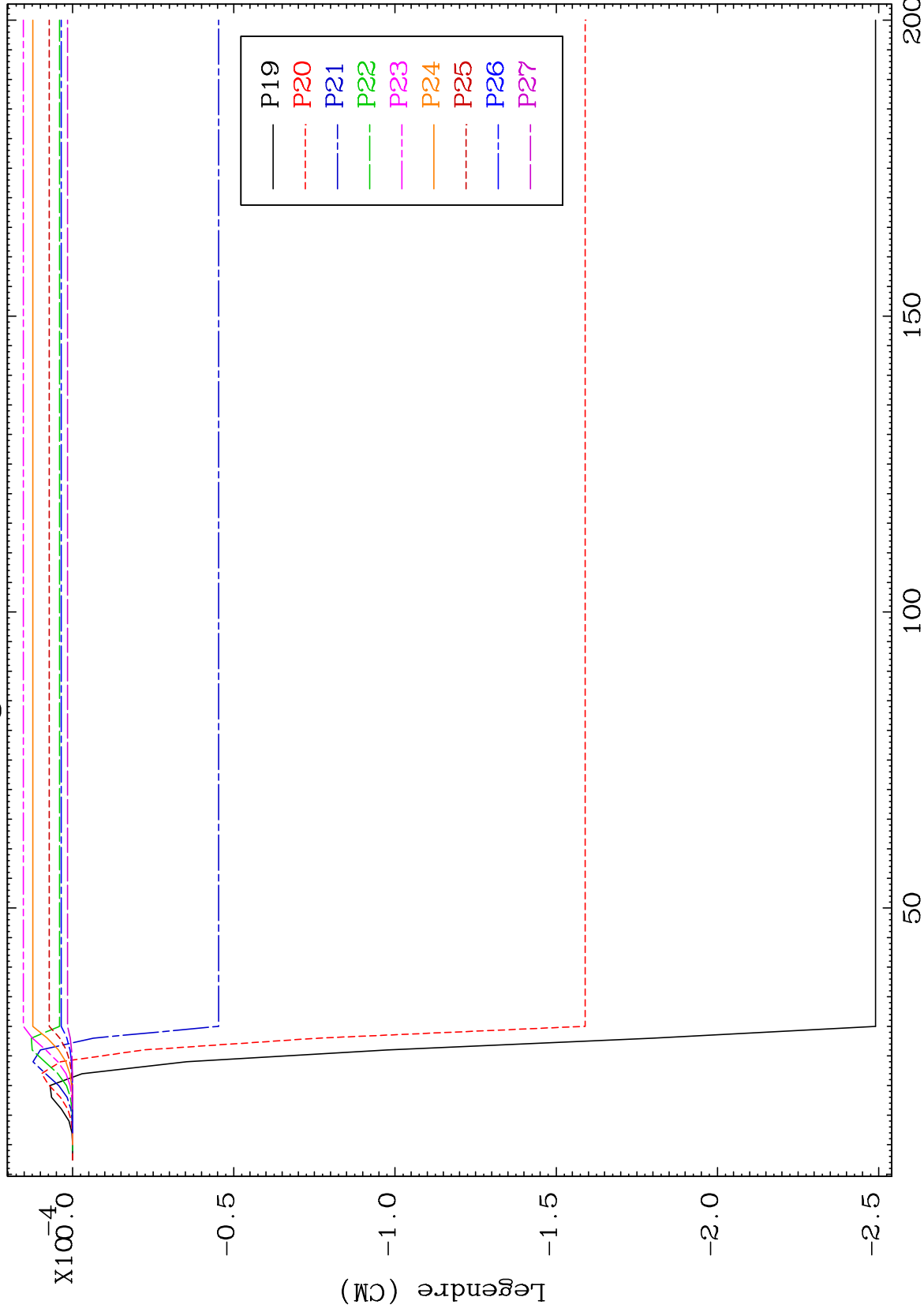
-0.005

-0.010

MAT 5734

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

57-La-141



56

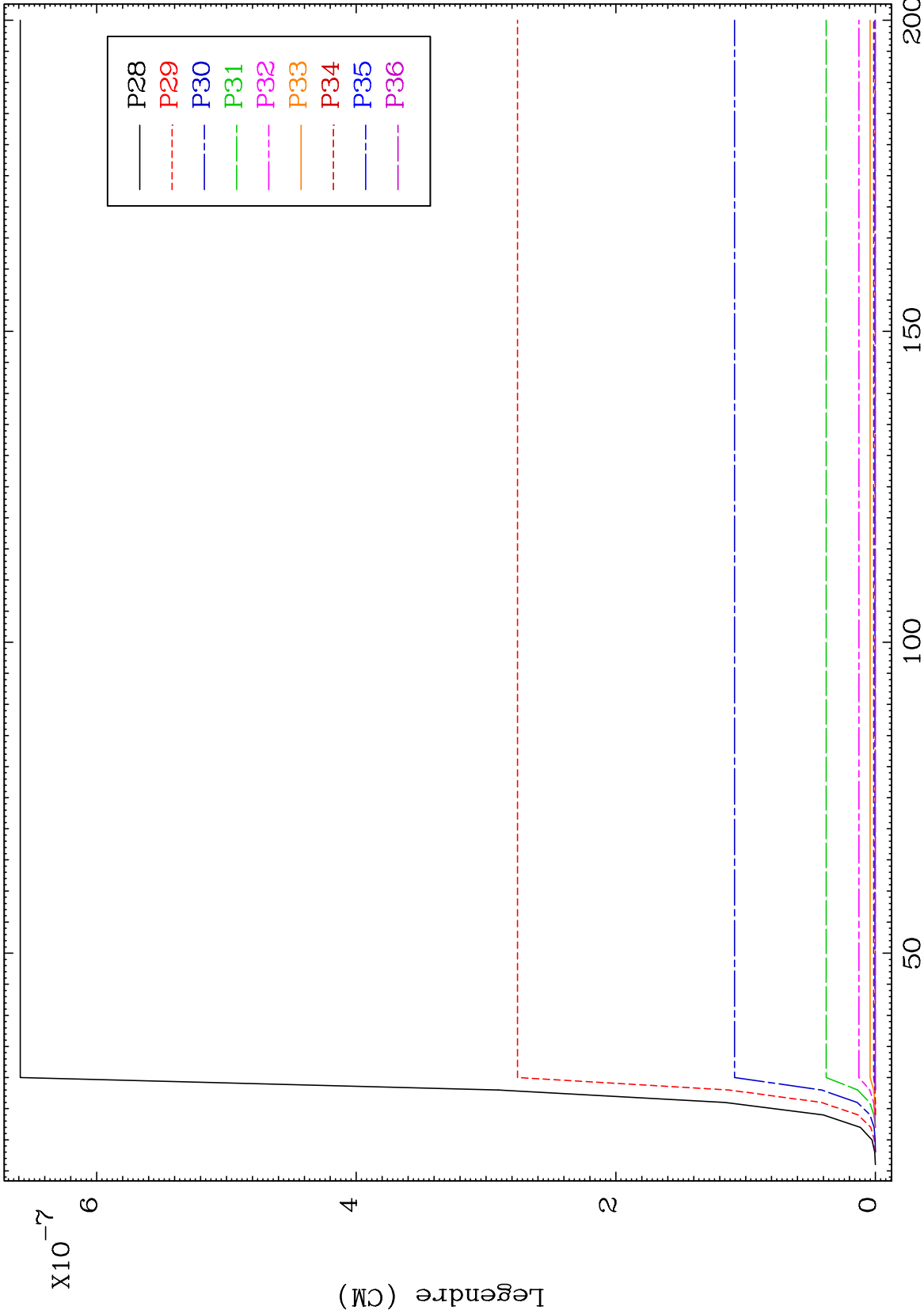
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141

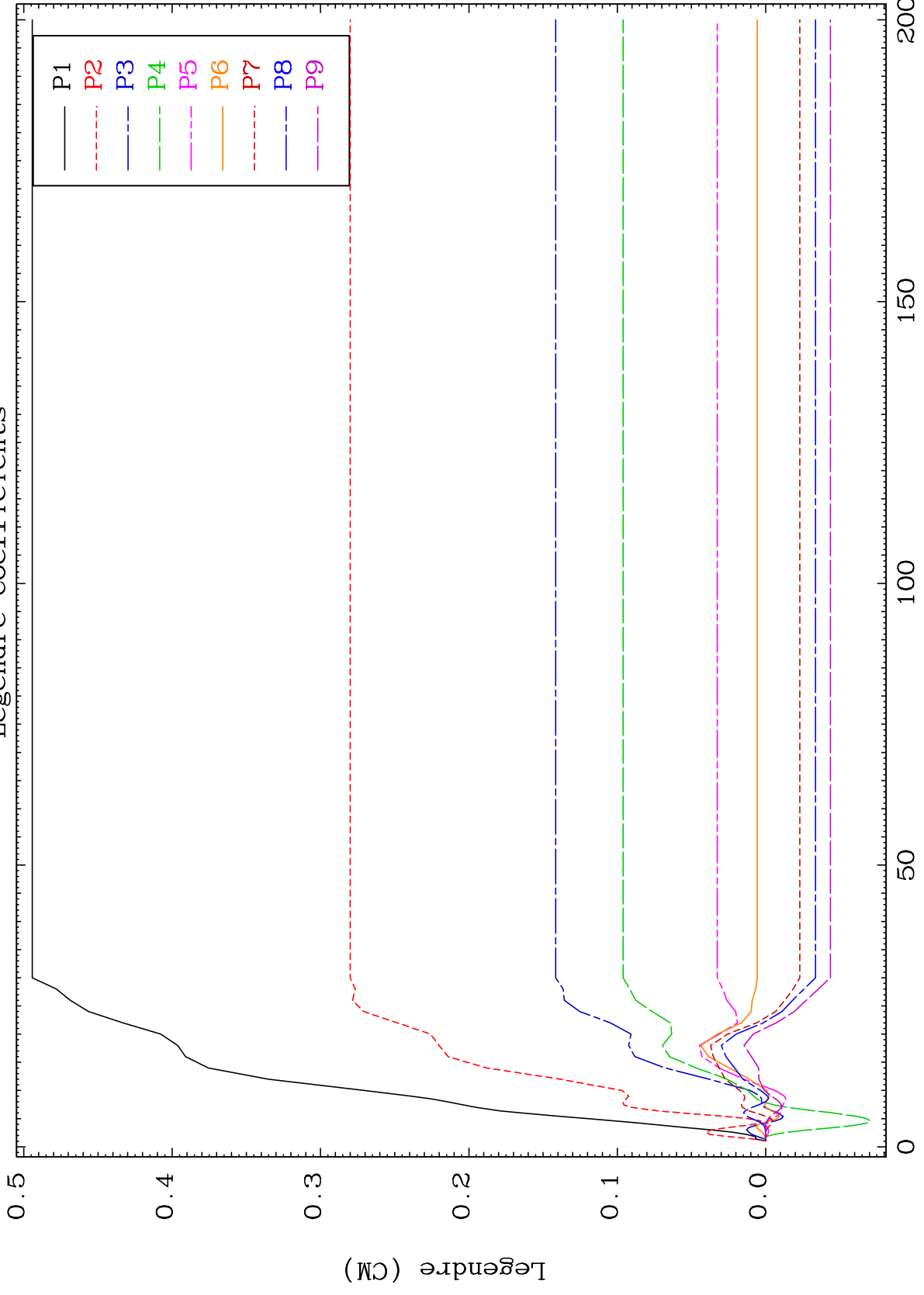


57

Incident Energy (MeV)

57-La-141

MAT 5734 MT= 61 (n,n') Level Legendre Coefficients 57-La-141

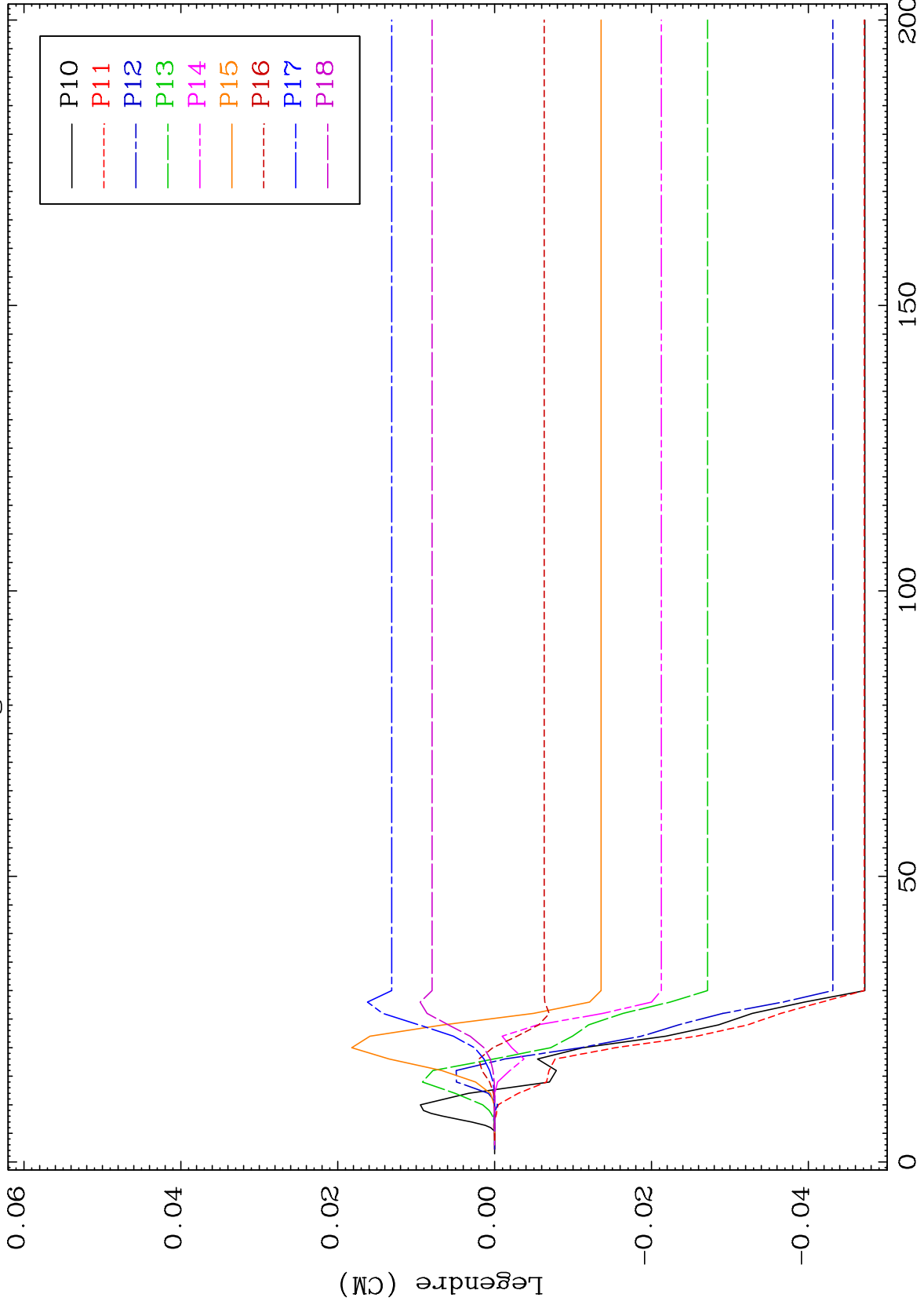


58 57-La-141

MAT 5734

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

57-La-141



59

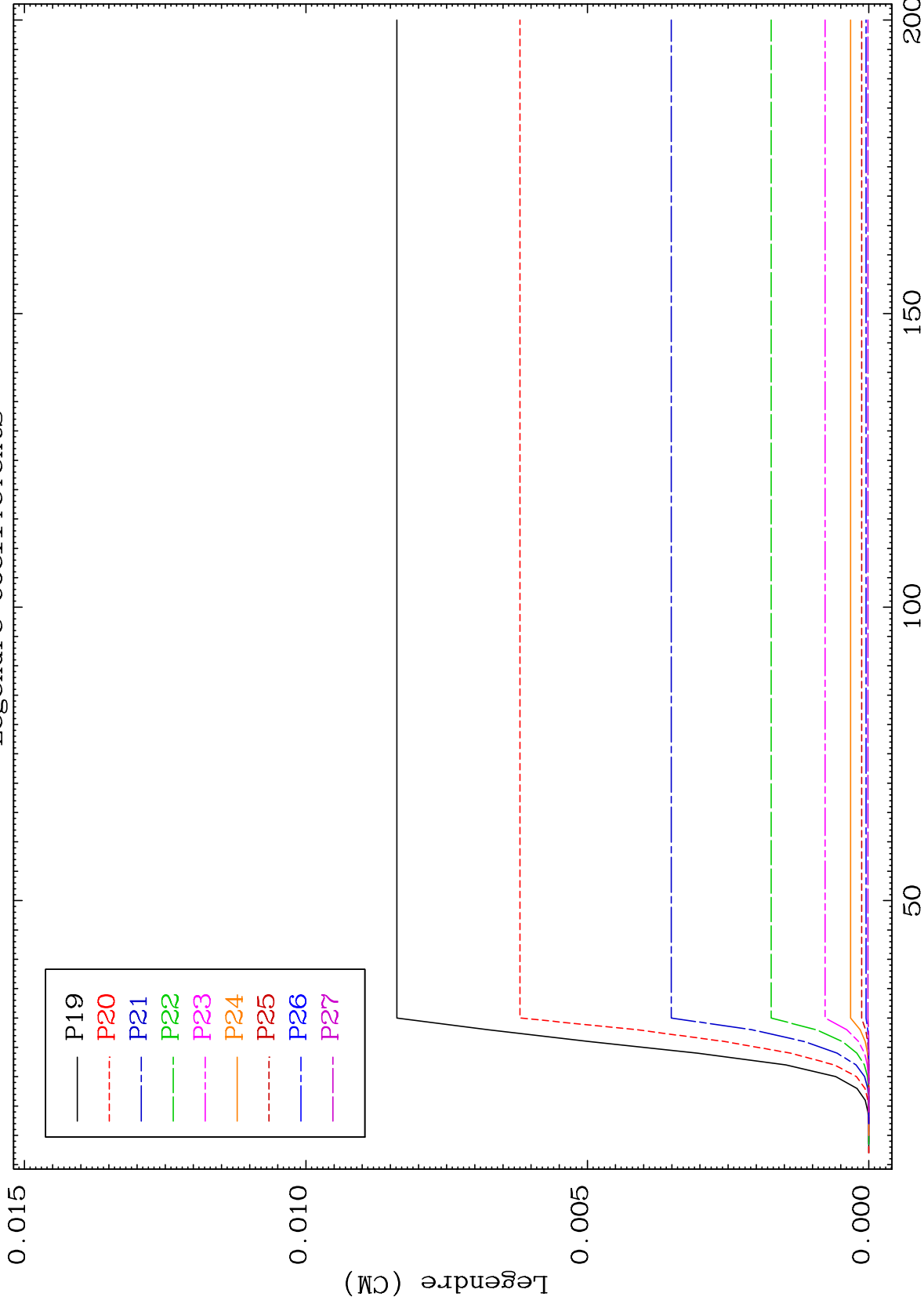
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



60

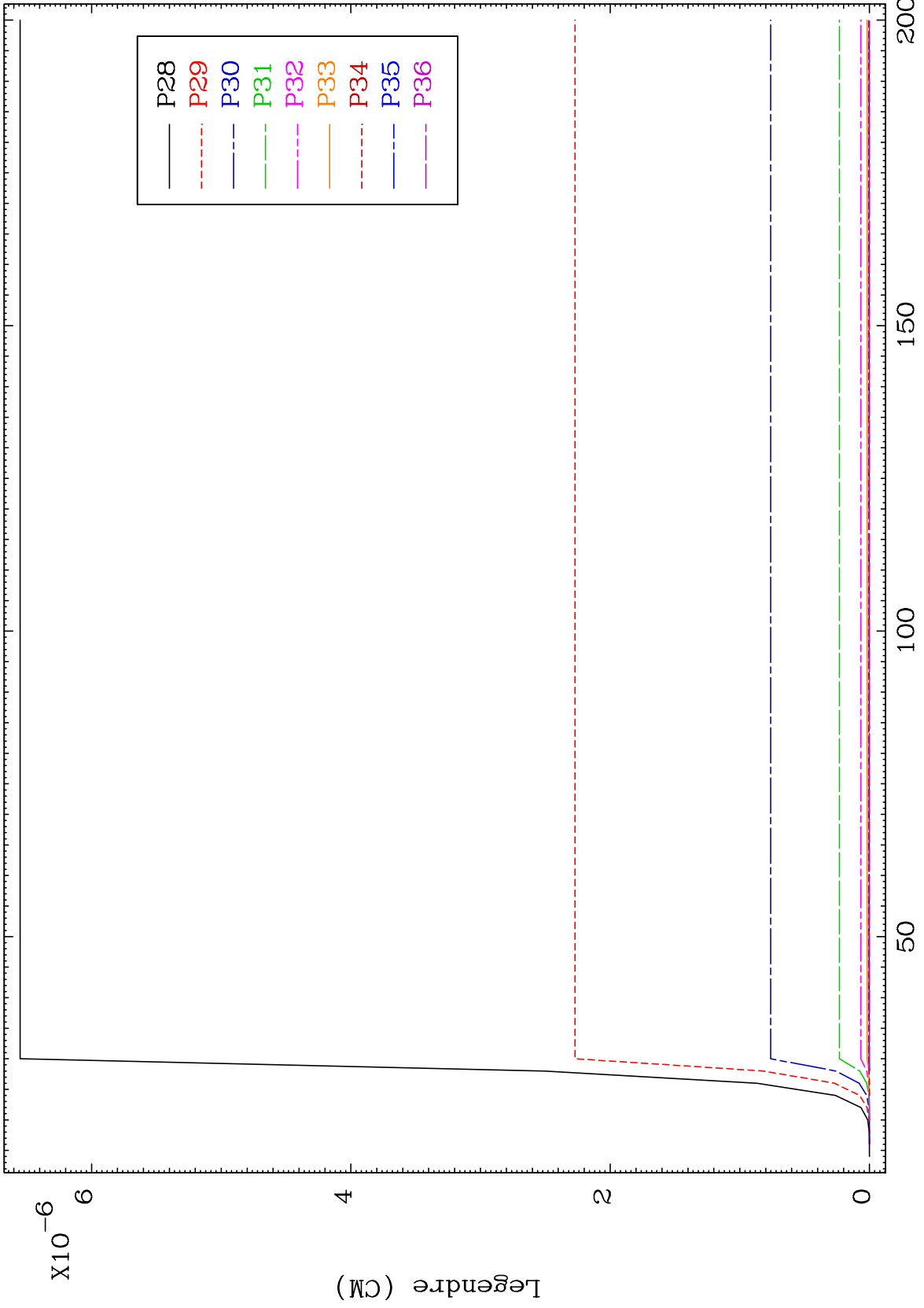
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



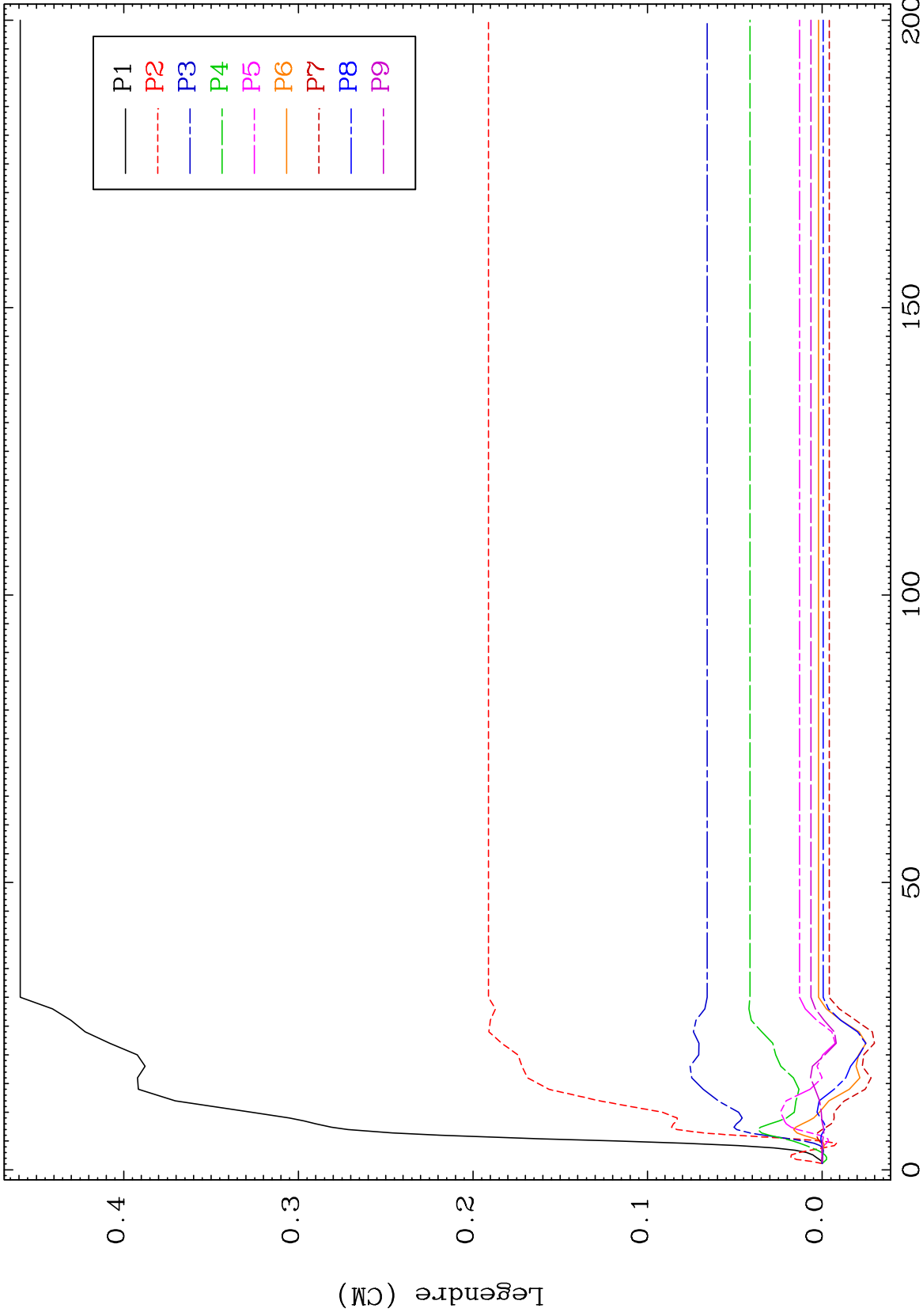
61

57-La-141

MAT 5734

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

57-La-141



62

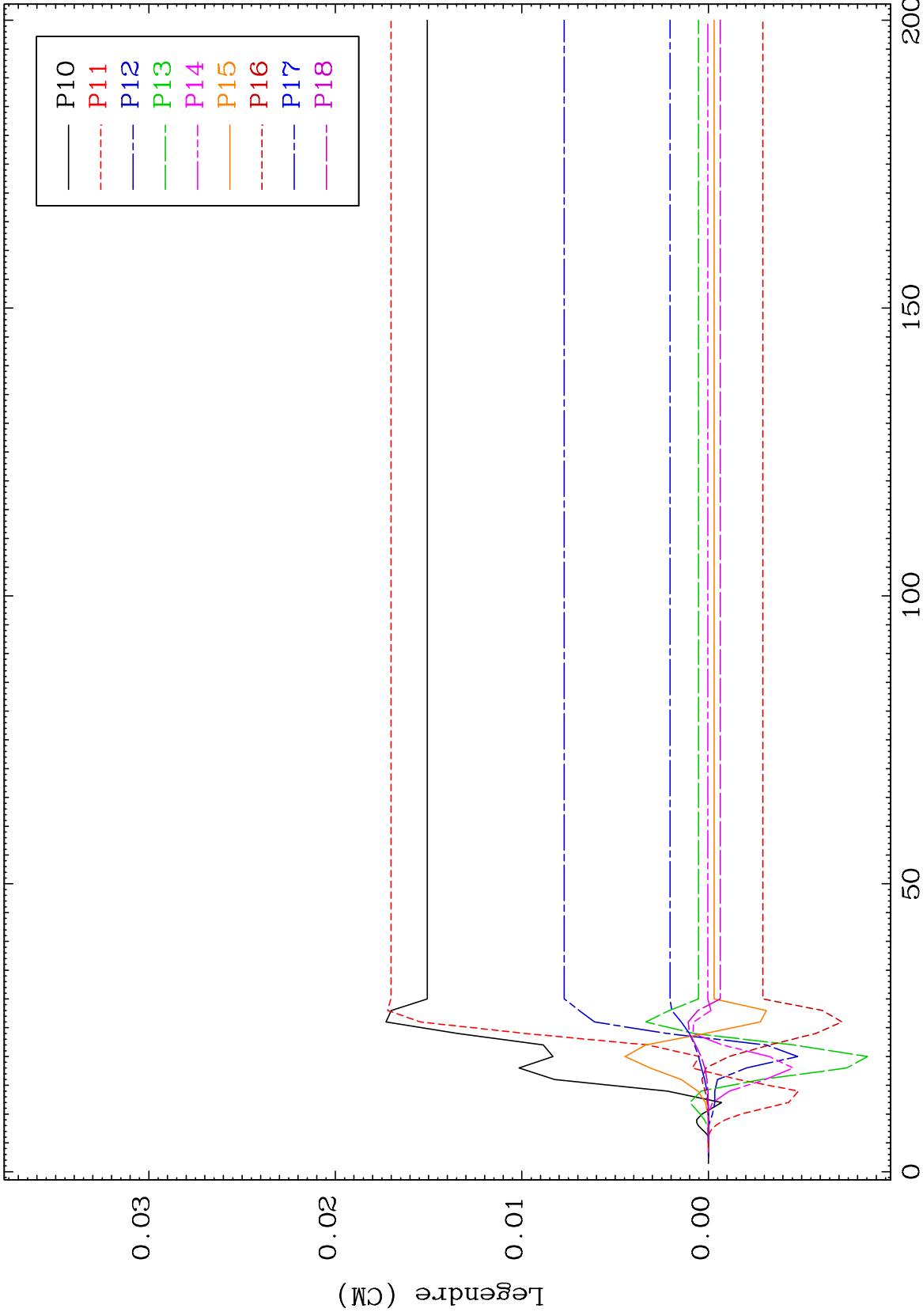
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



63

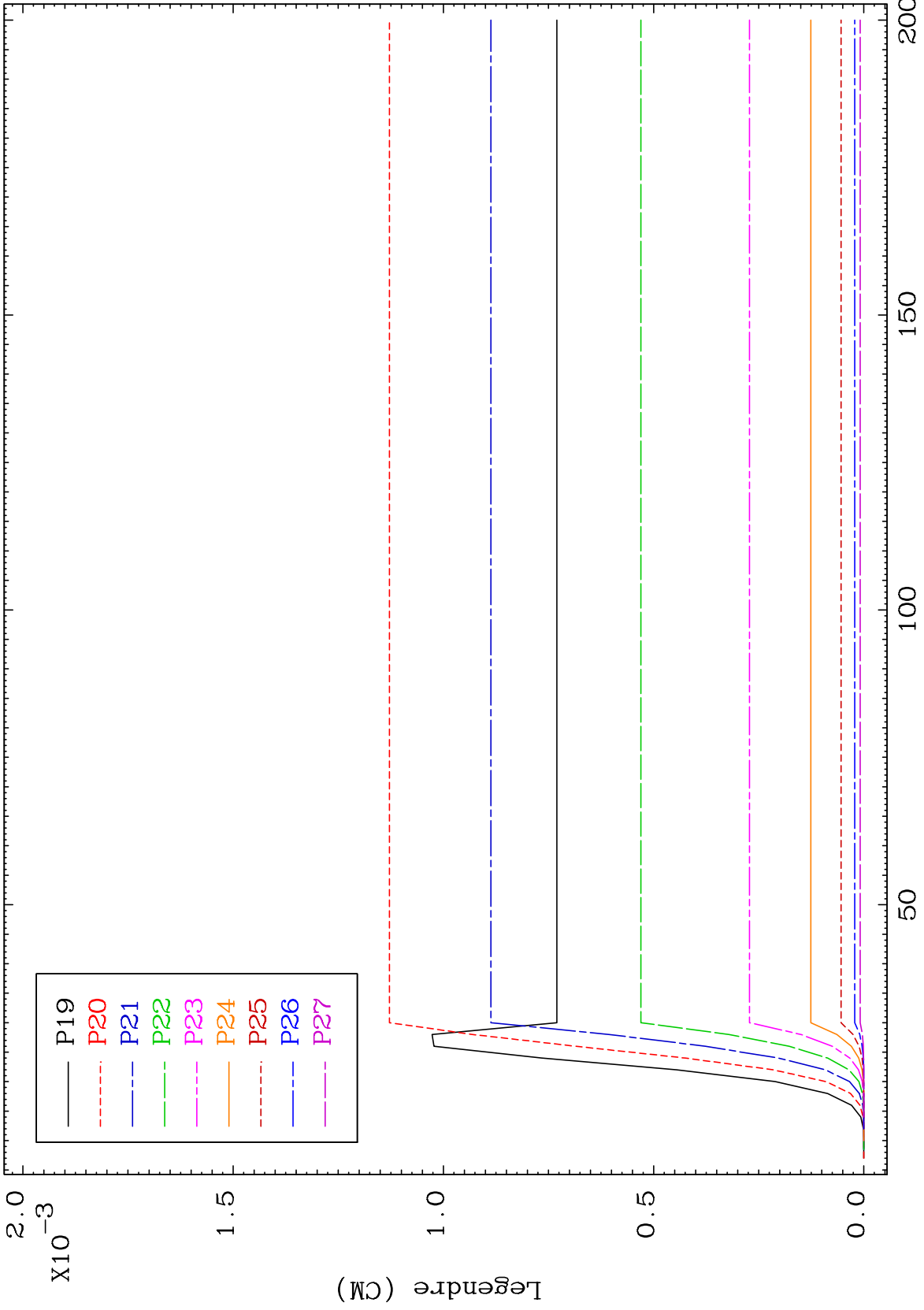
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



64

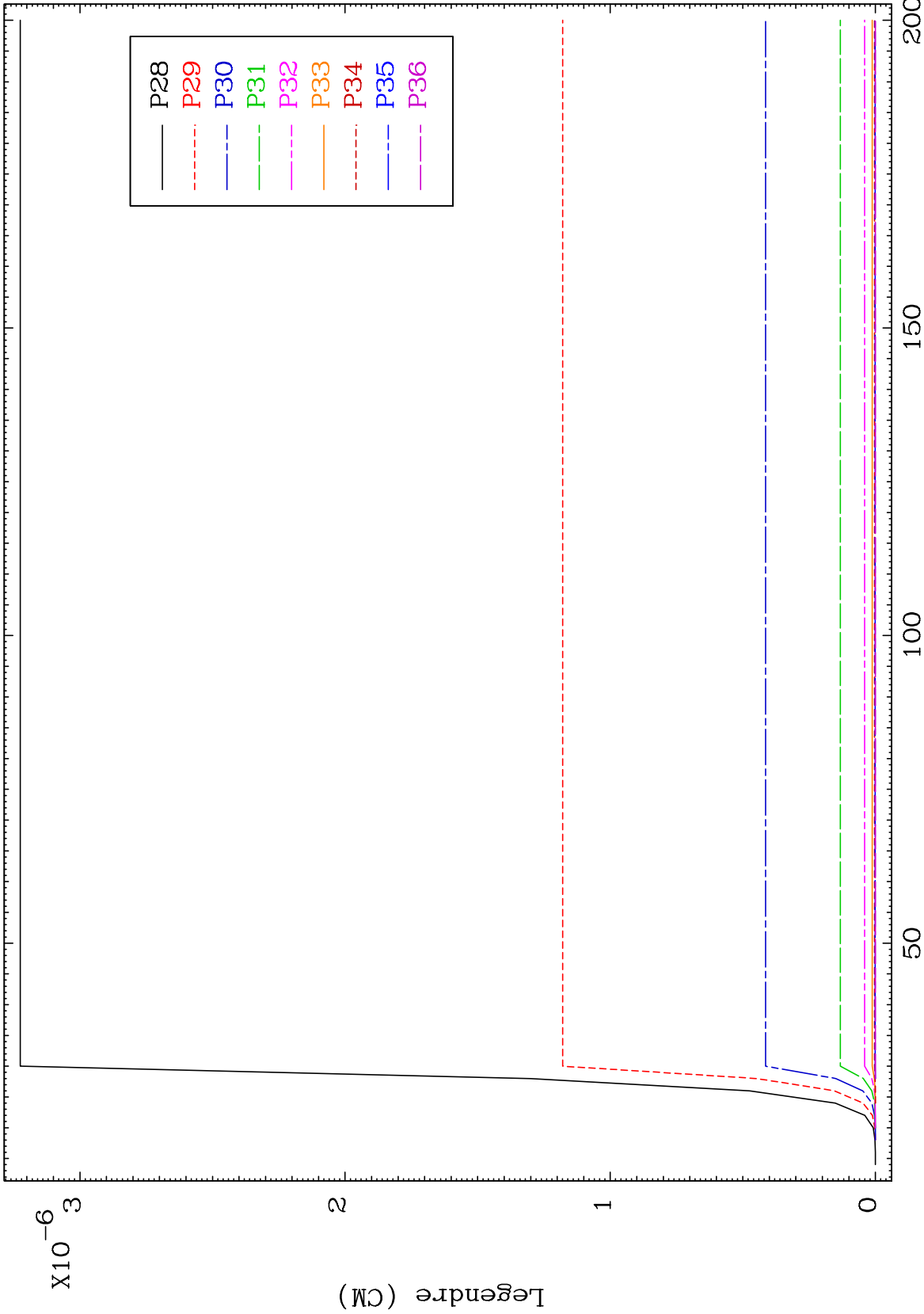
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



65

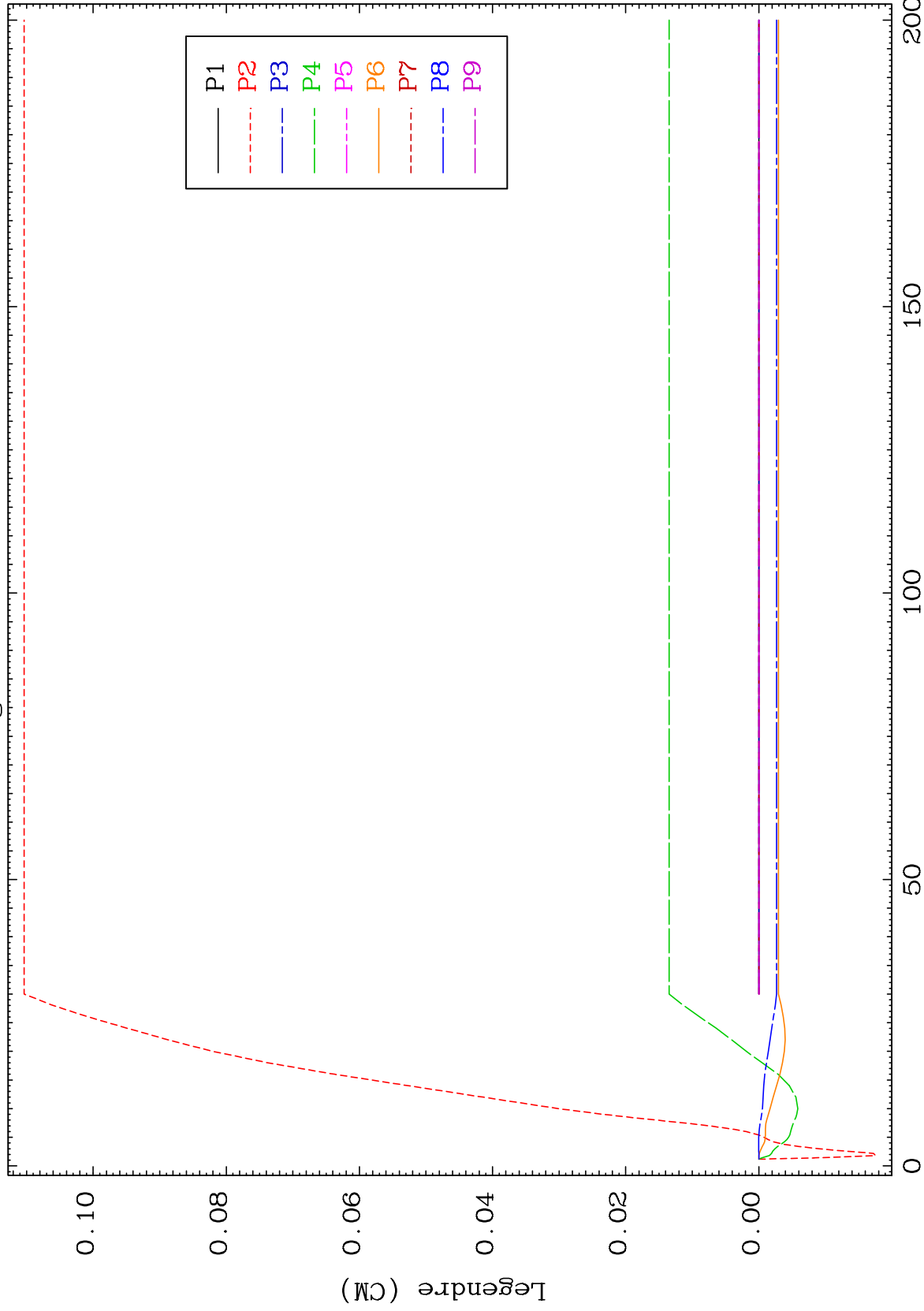
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



66

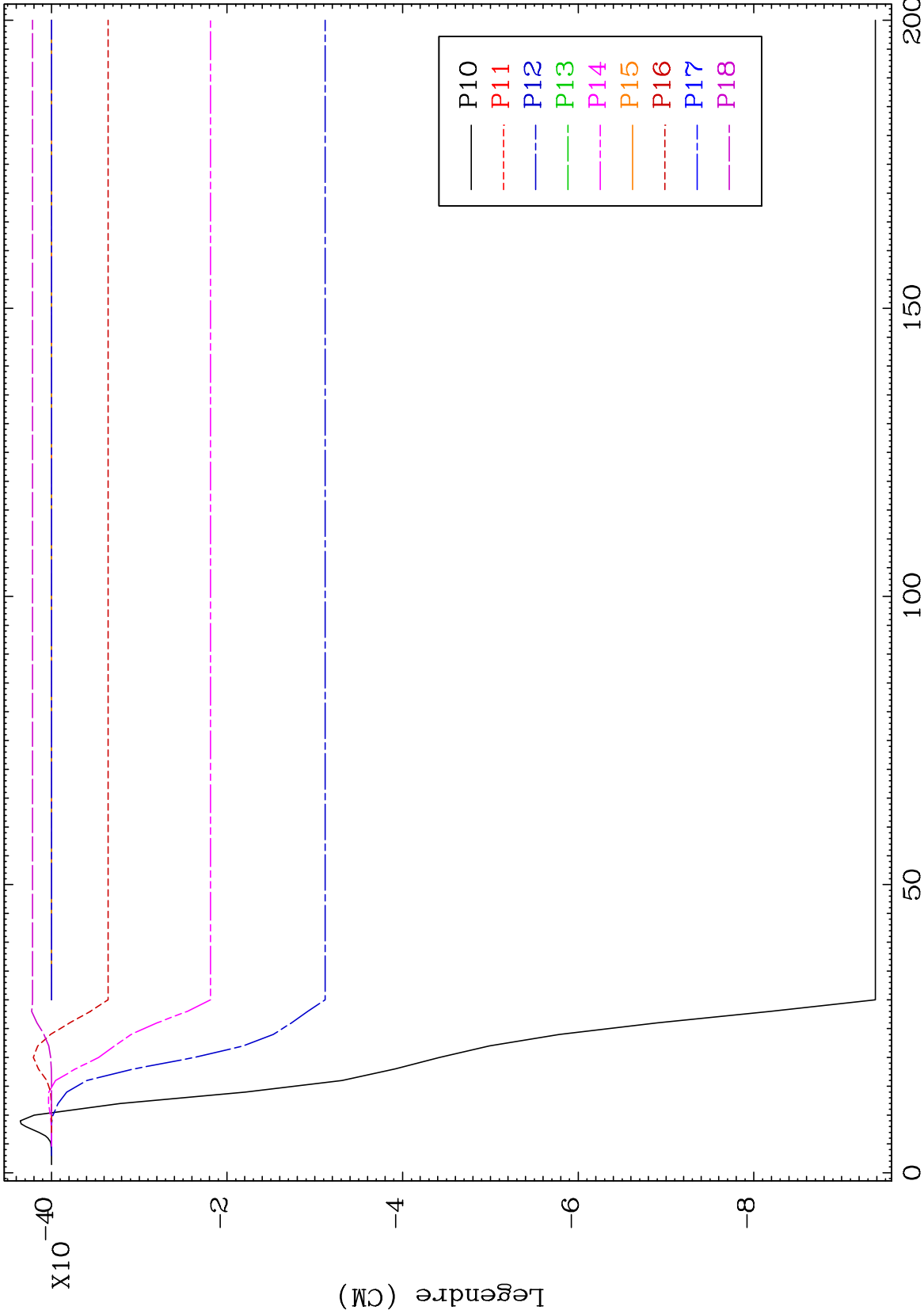
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



67

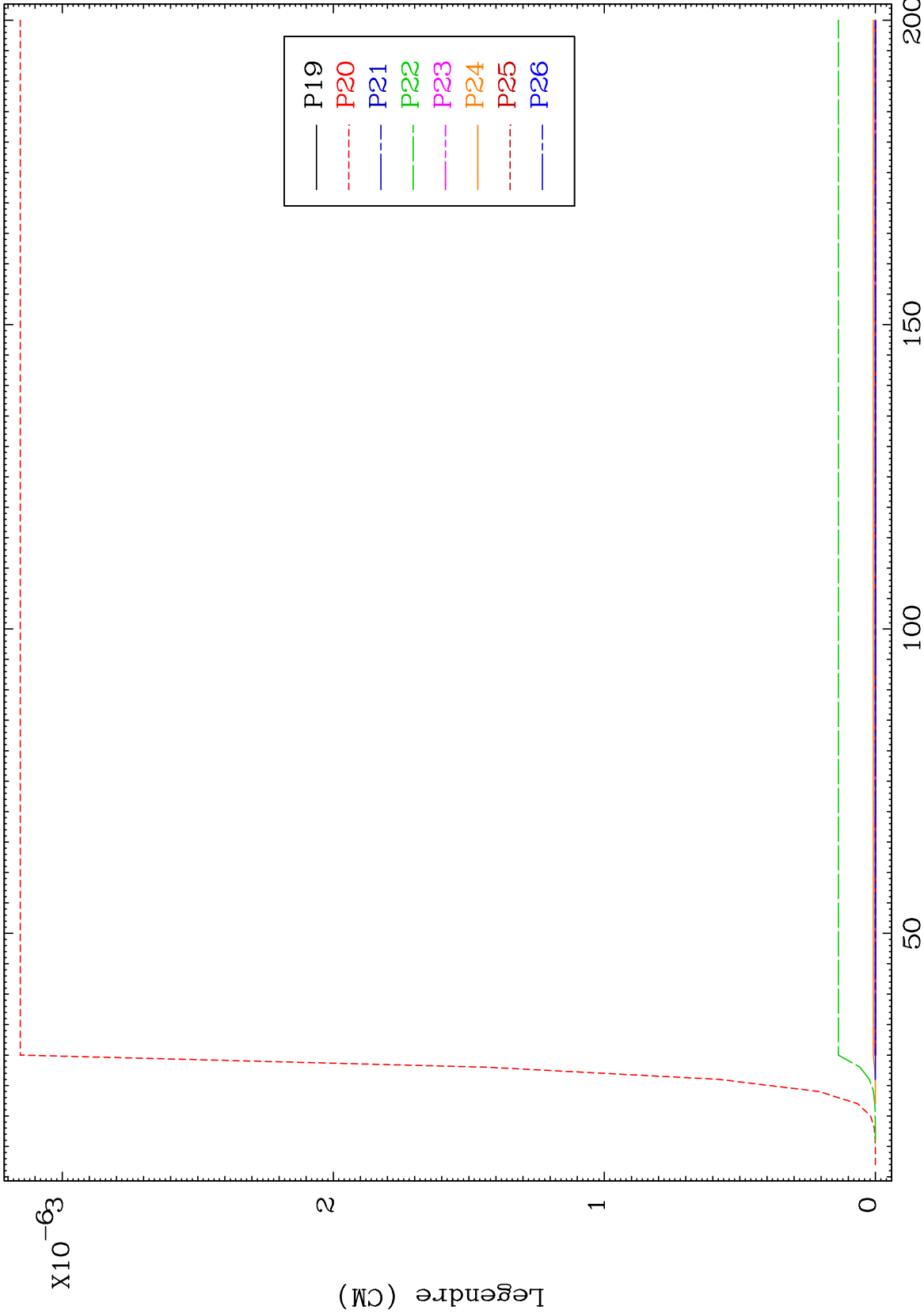
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



68

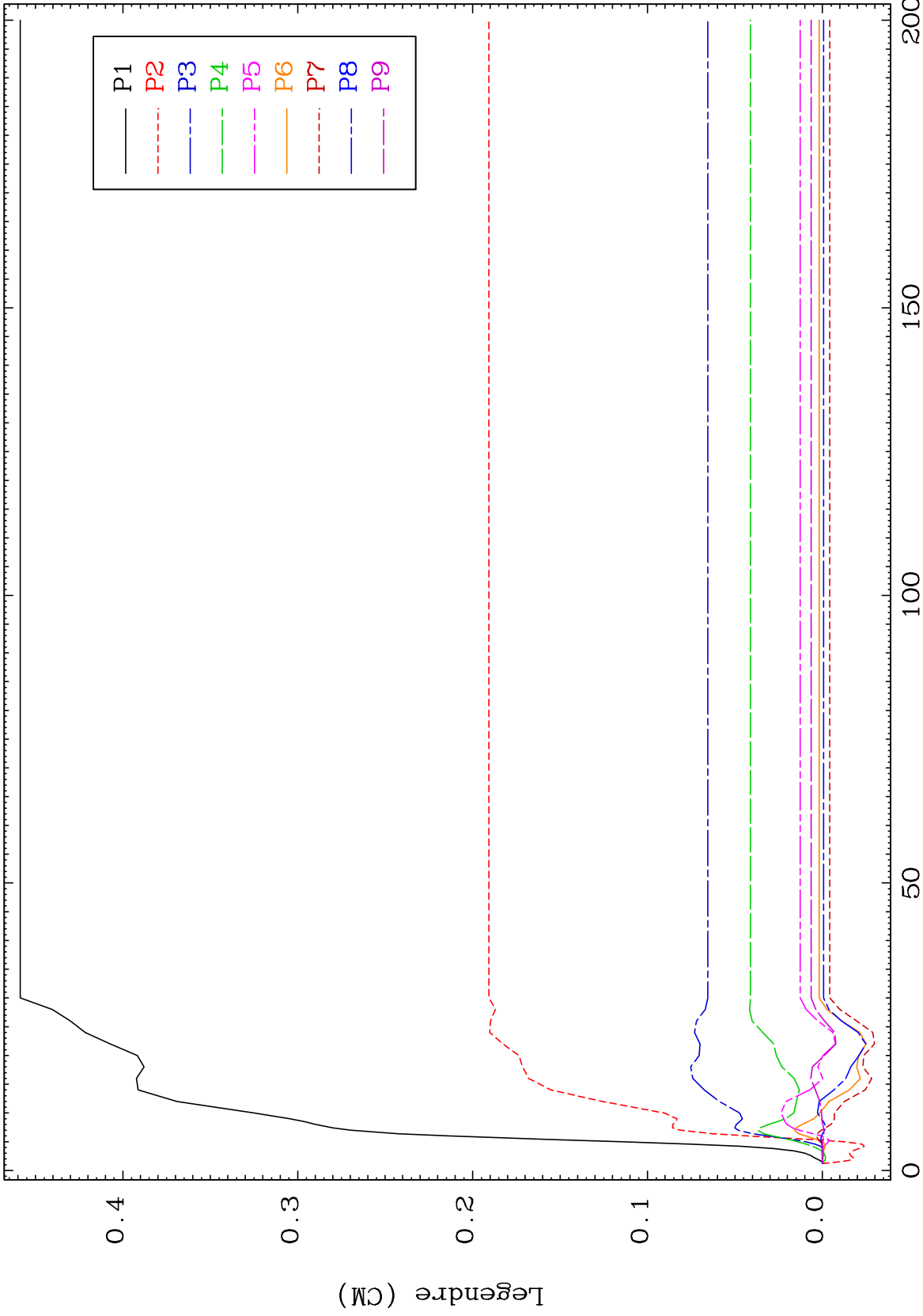
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



69

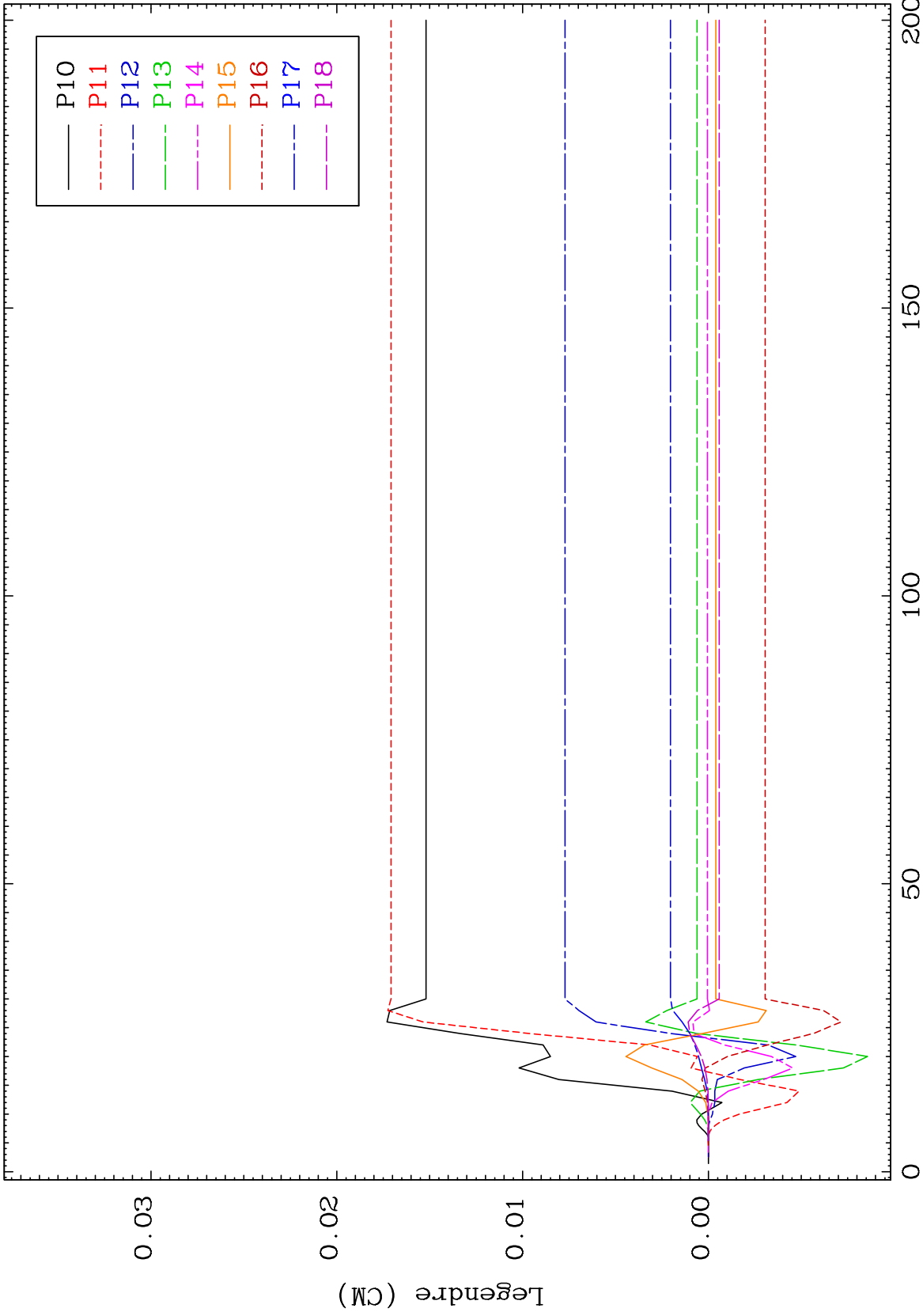
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



57-La-141

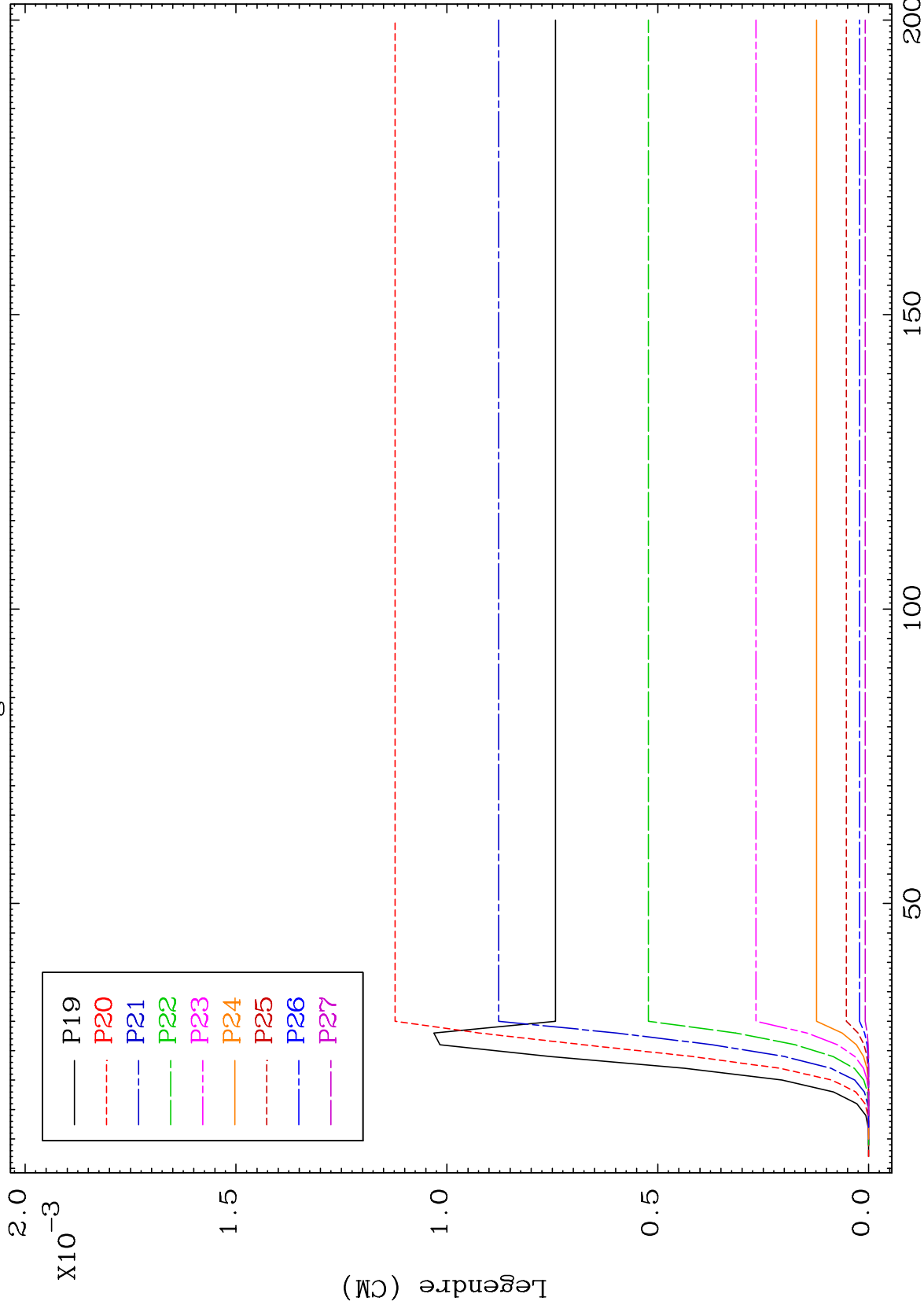
Incident Energy (MeV)

70

MAT 5734

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

57-La-141



71

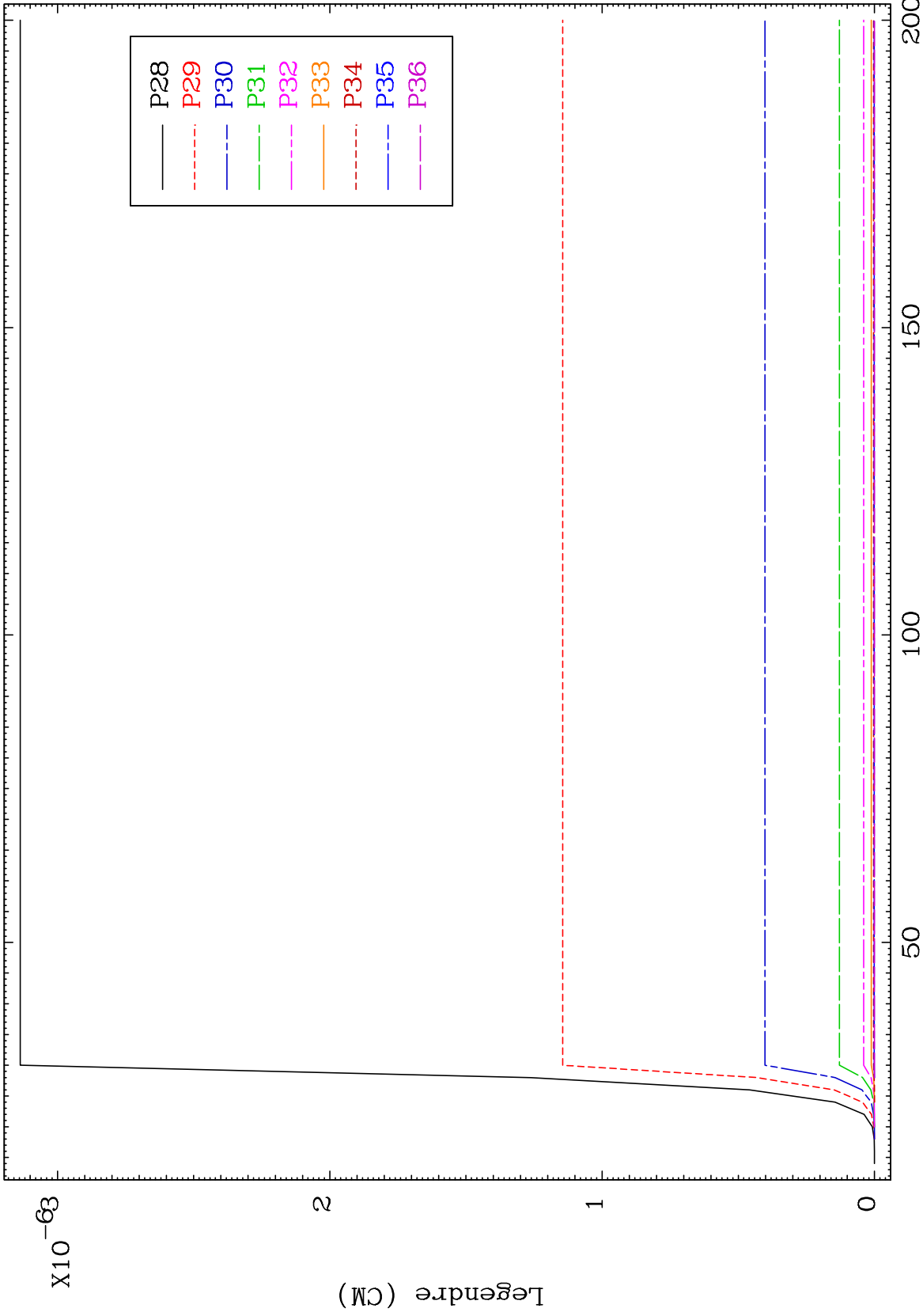
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



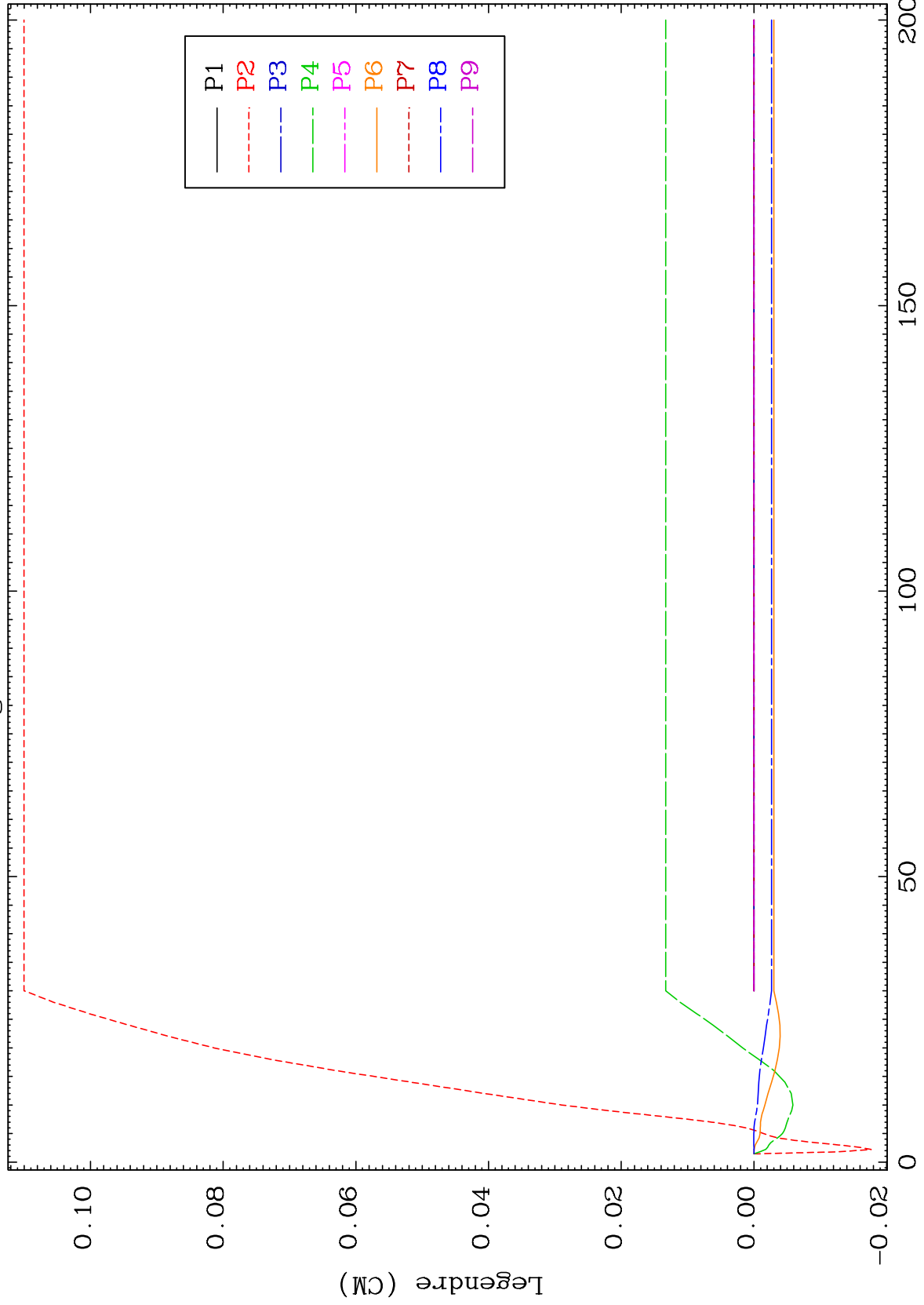
72

57-La-141

MAT 5734

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

57-La-141



73

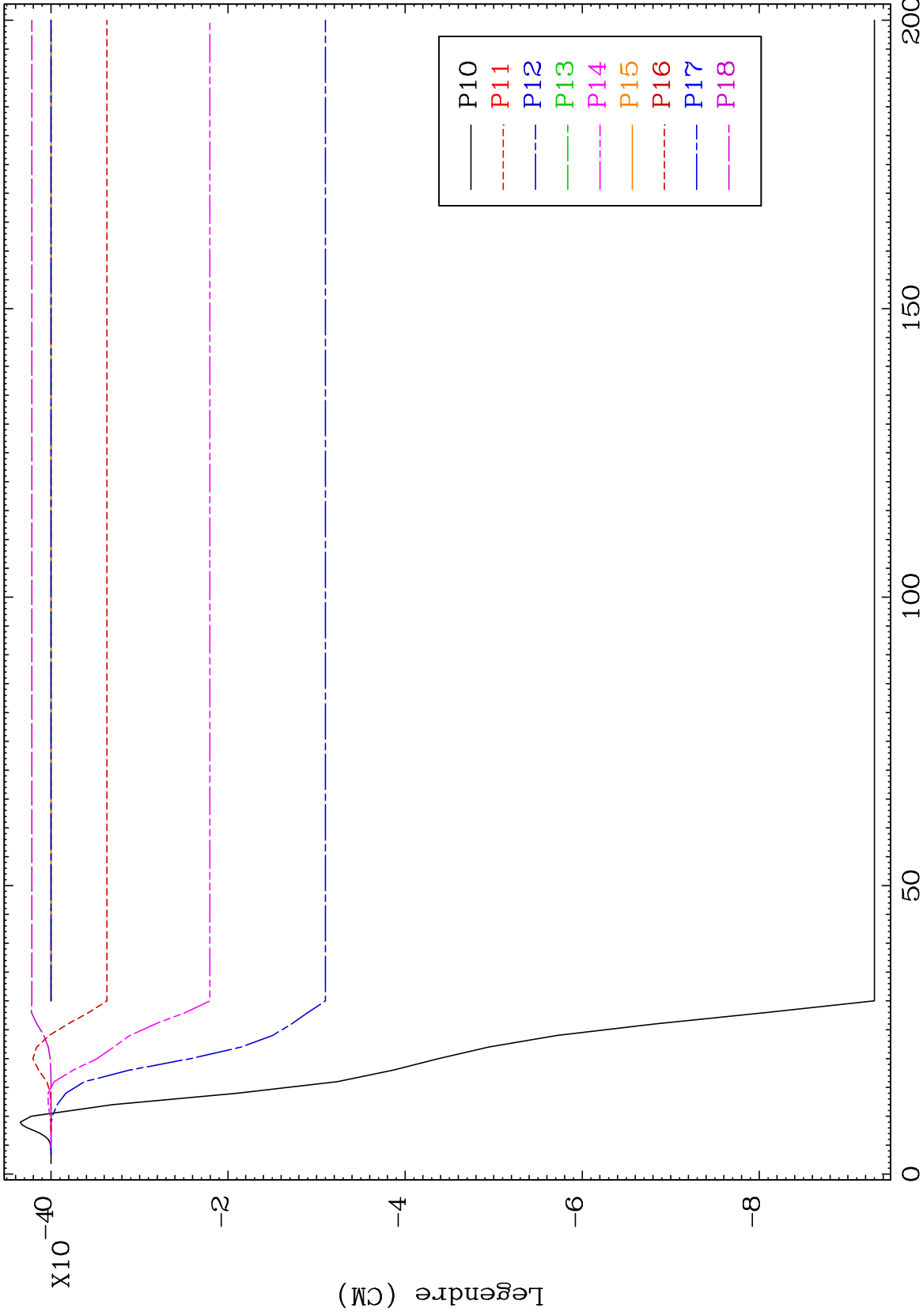
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141

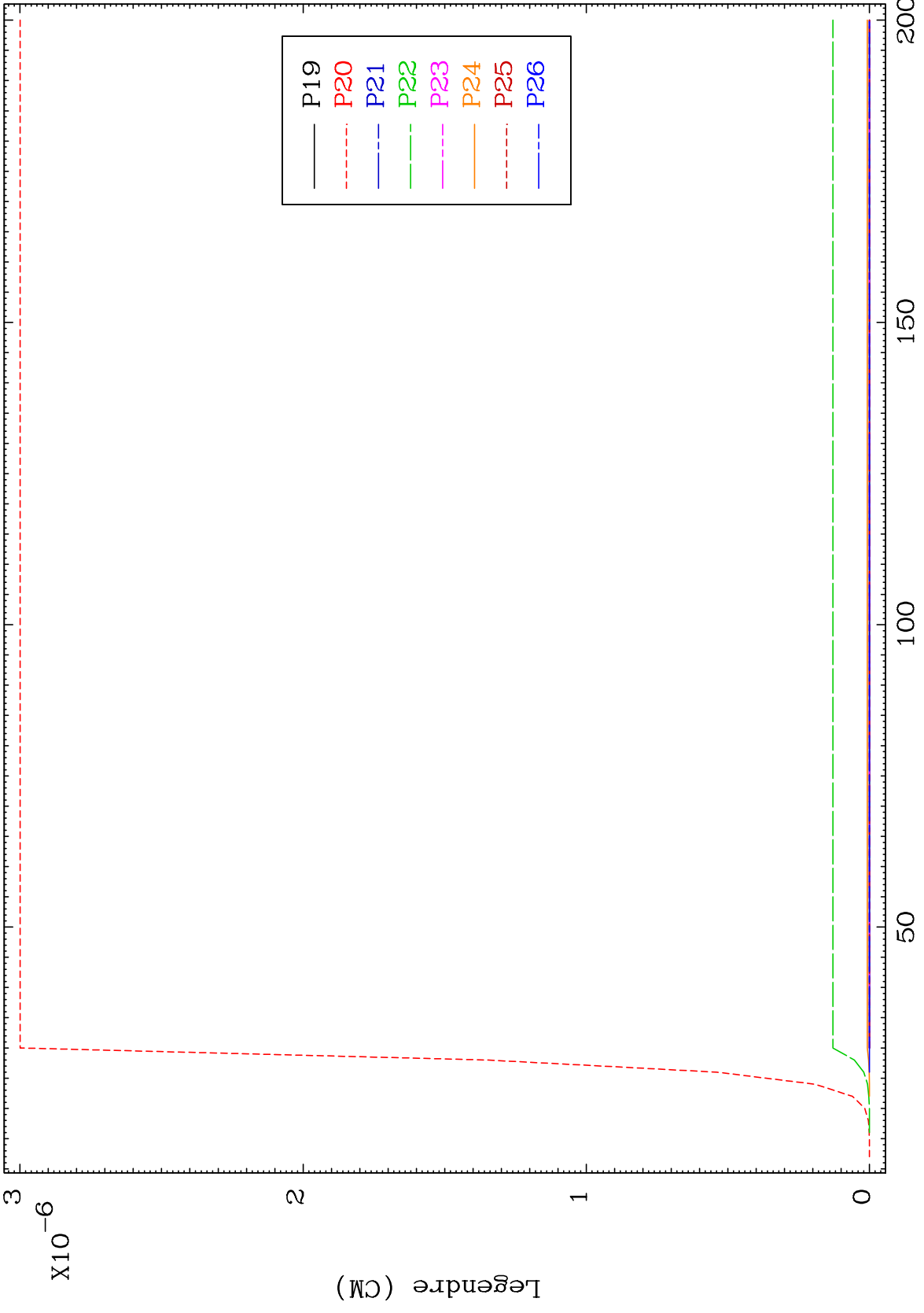


74

Incident Energy (MeV)

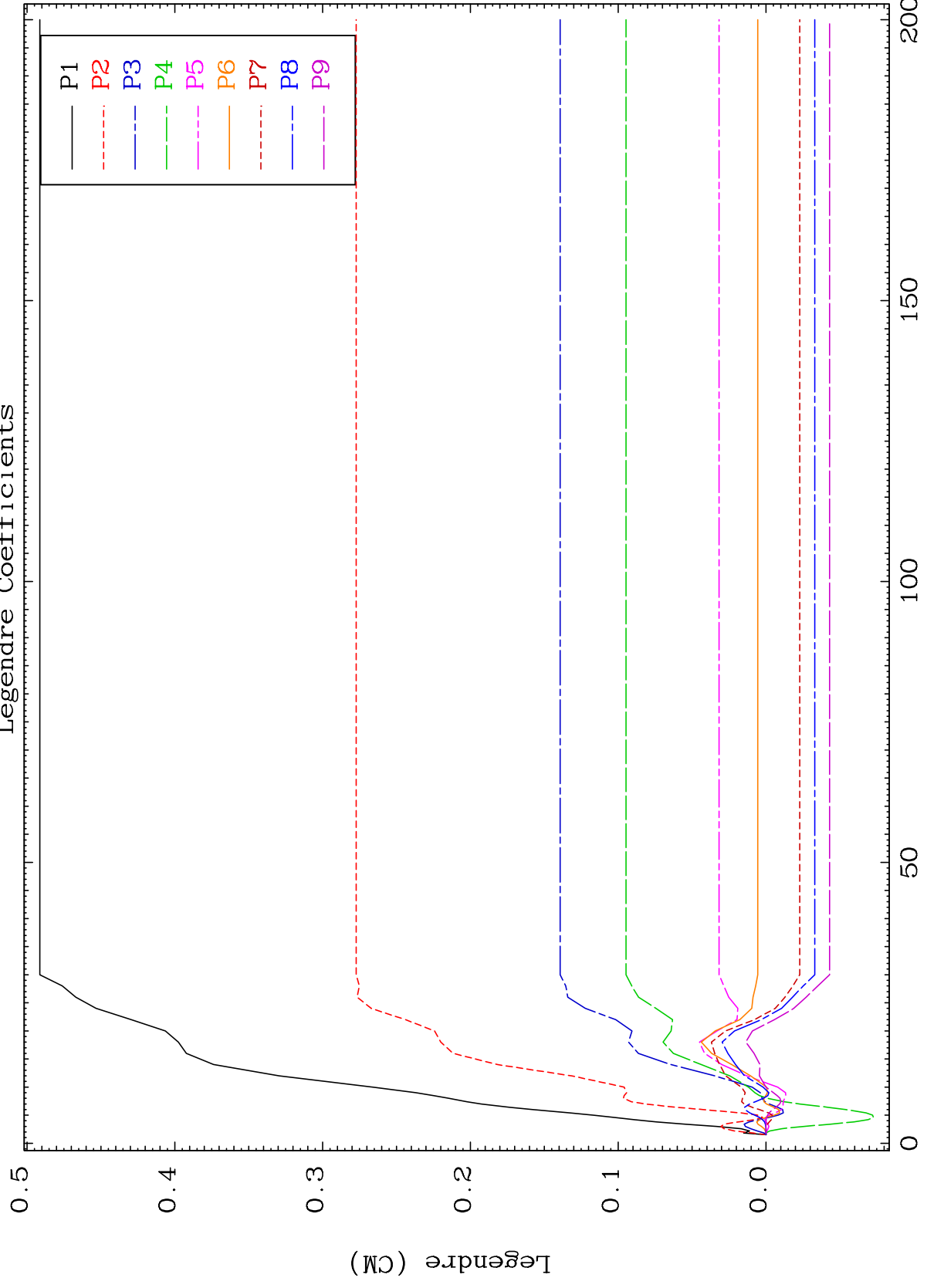
57-La-141

MAT 5734 MT= 65 (n,n') Level Legendre Coefficients 57-La-141



75 Incident Energy (MeV) 57-La-141

MAT 5734 MT= 66 (n,n') Level Legendre Coefficients 57-La-141

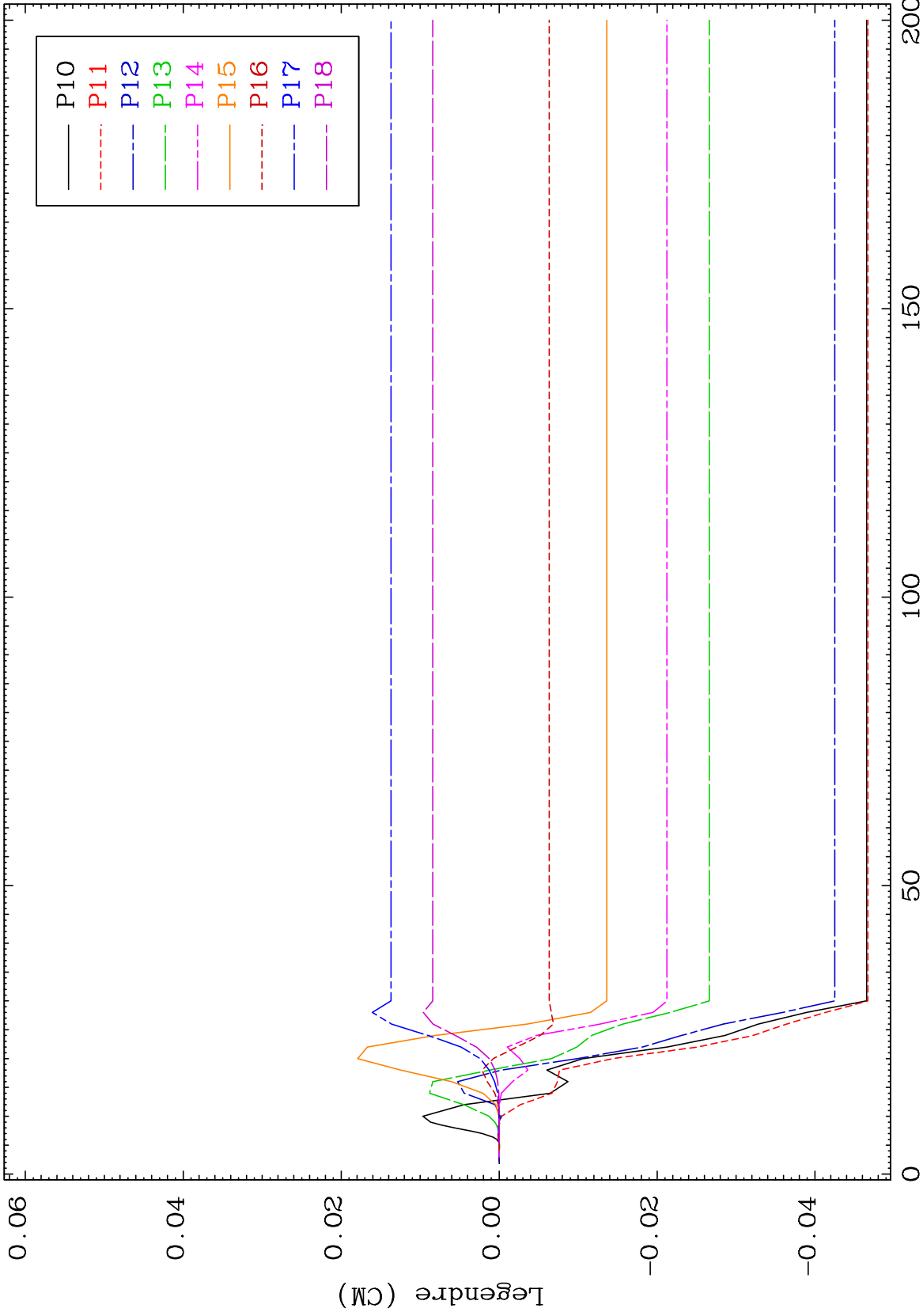


76 57-La-141

MAT 5734

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

57-La-141



77

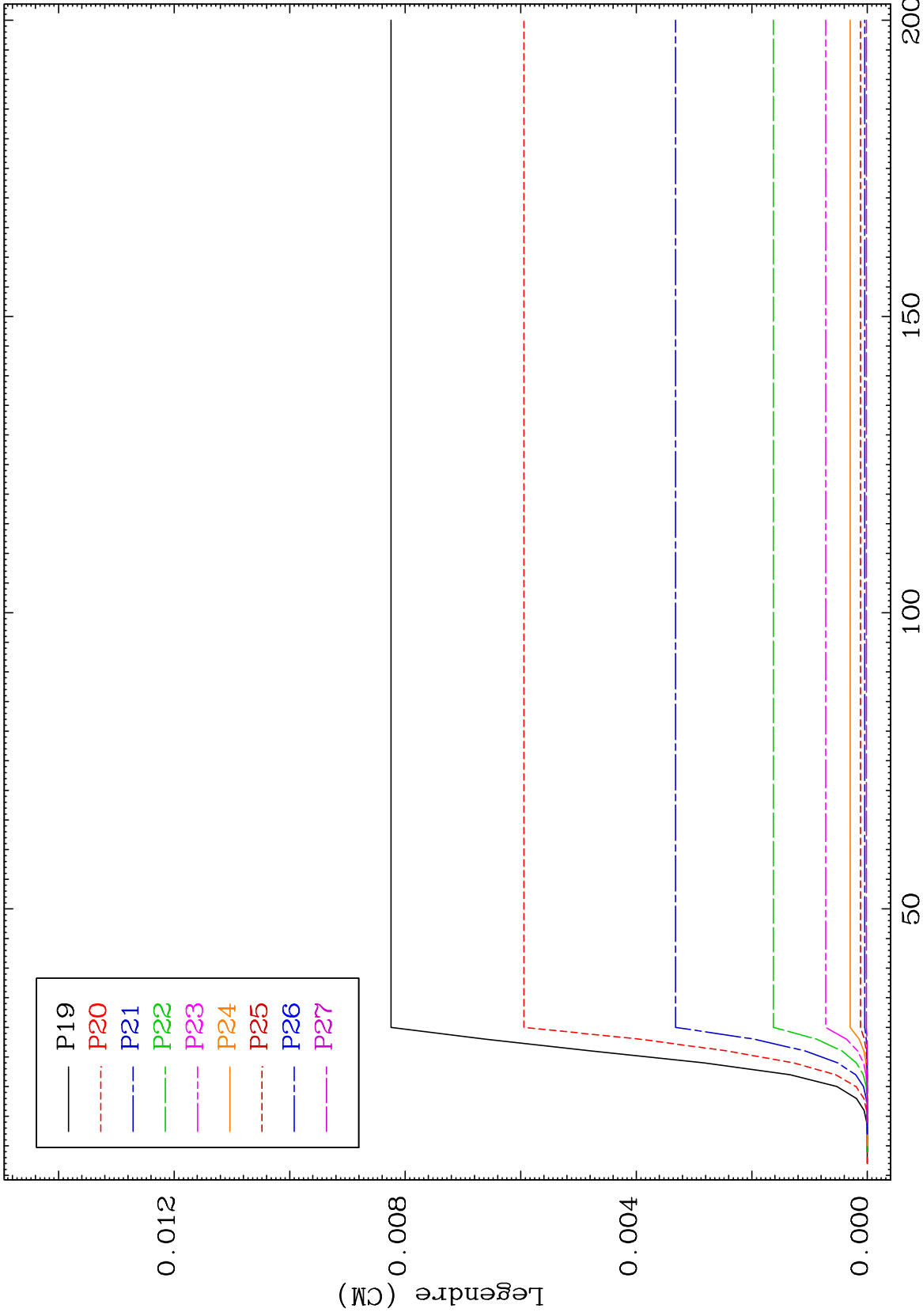
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



78

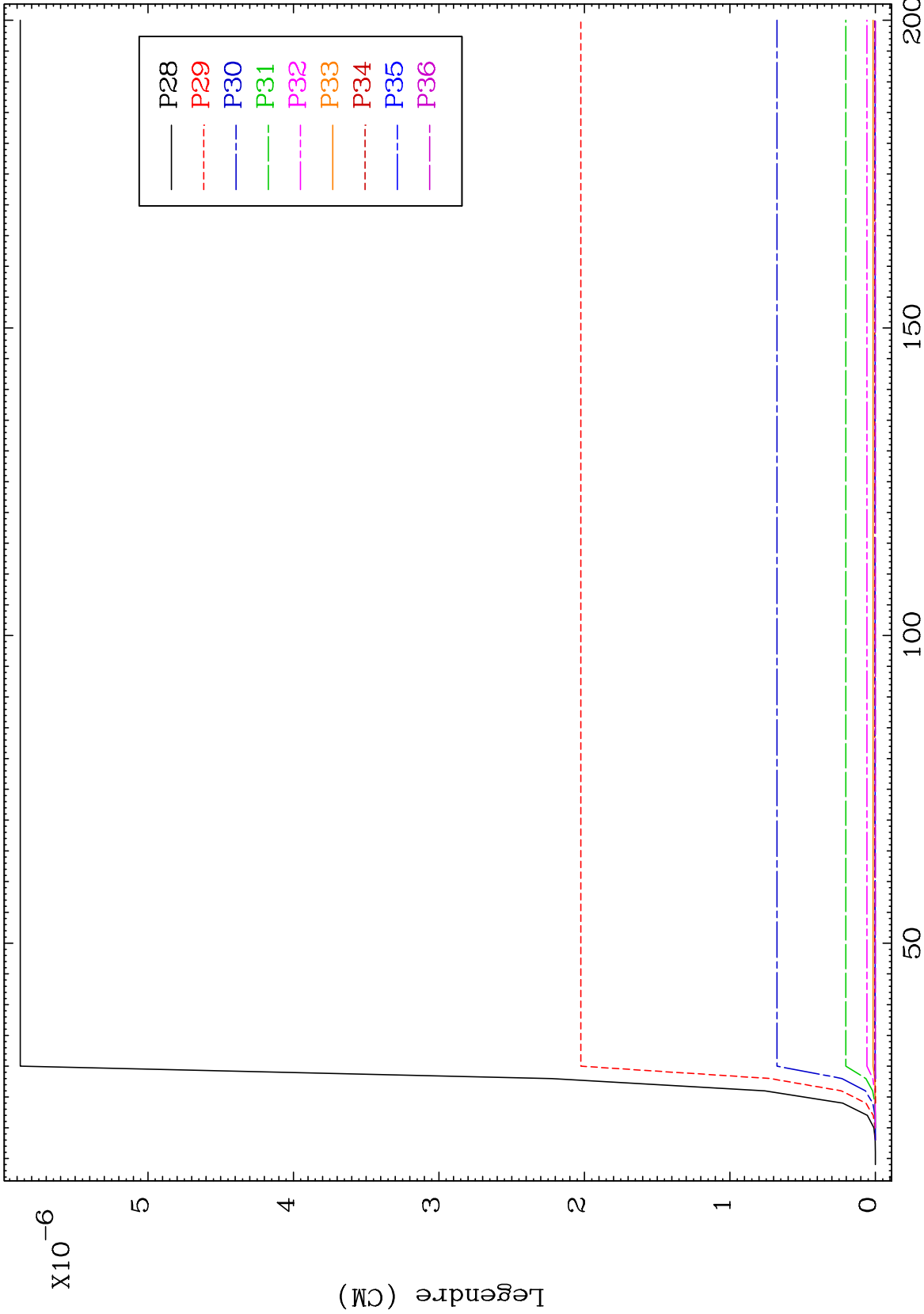
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



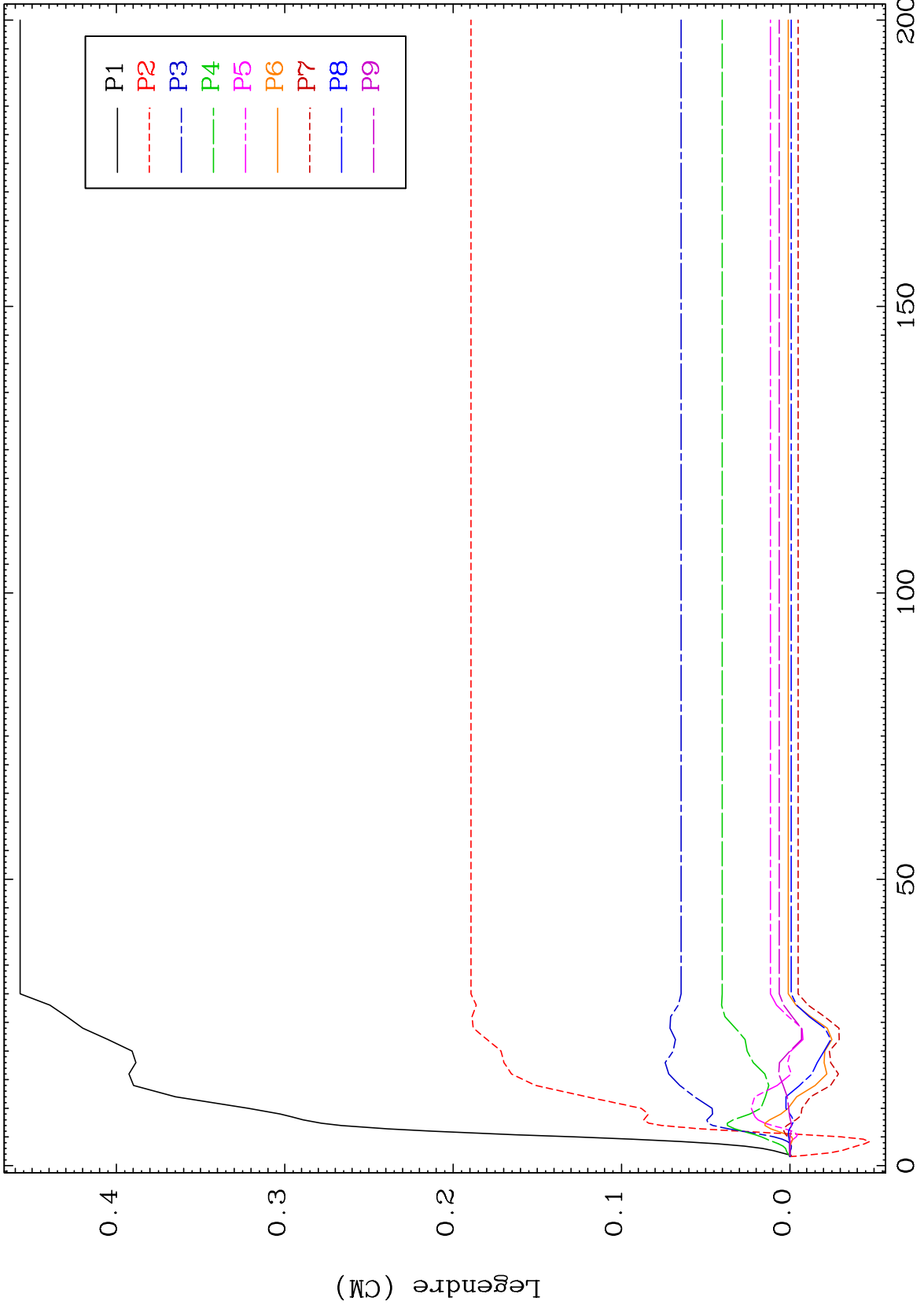
79

57-La-141

MAT 5734

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

57-La-141



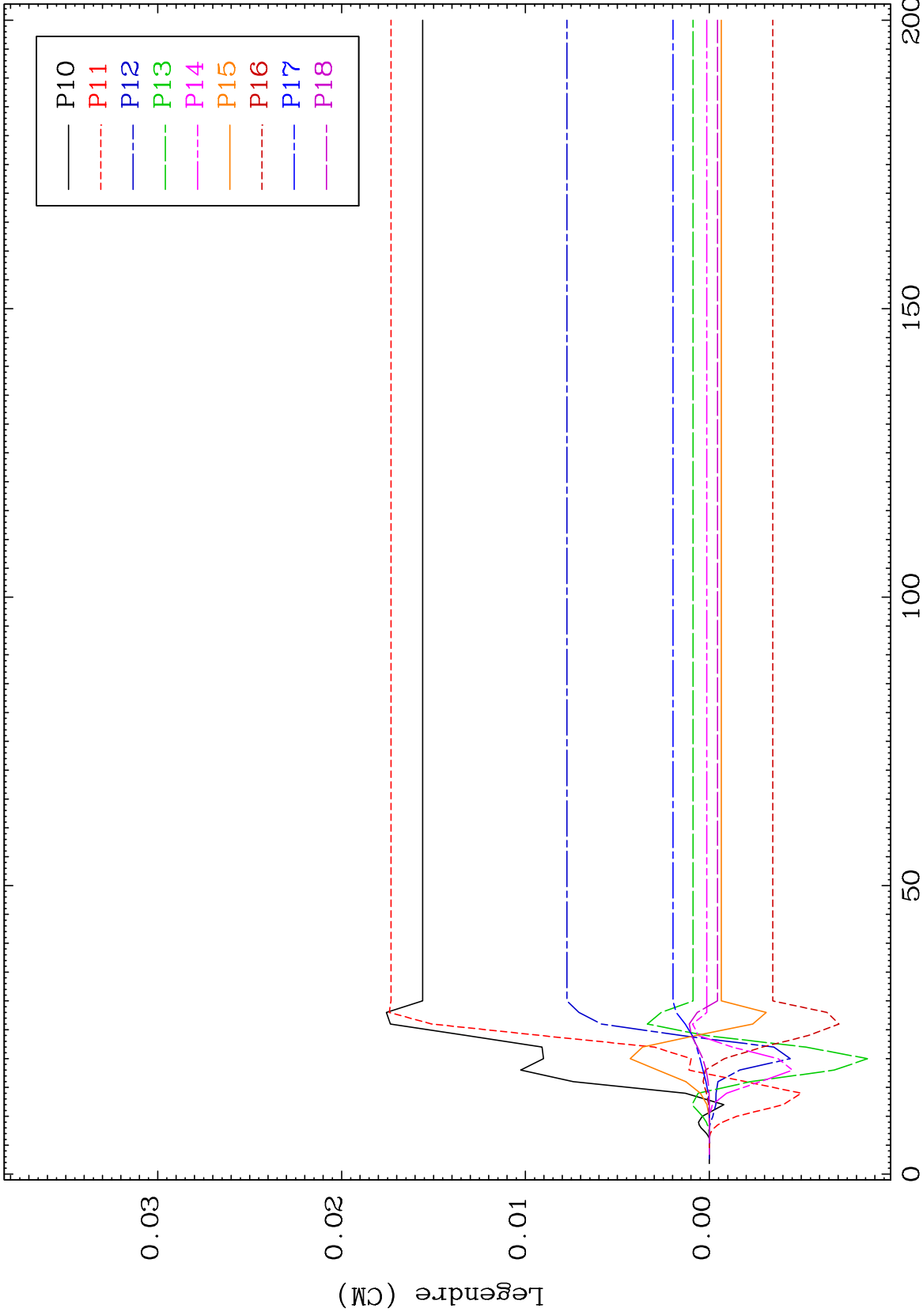
57-La-141

Incident Energy (MeV)

MAT 5734

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

57-La-141



81

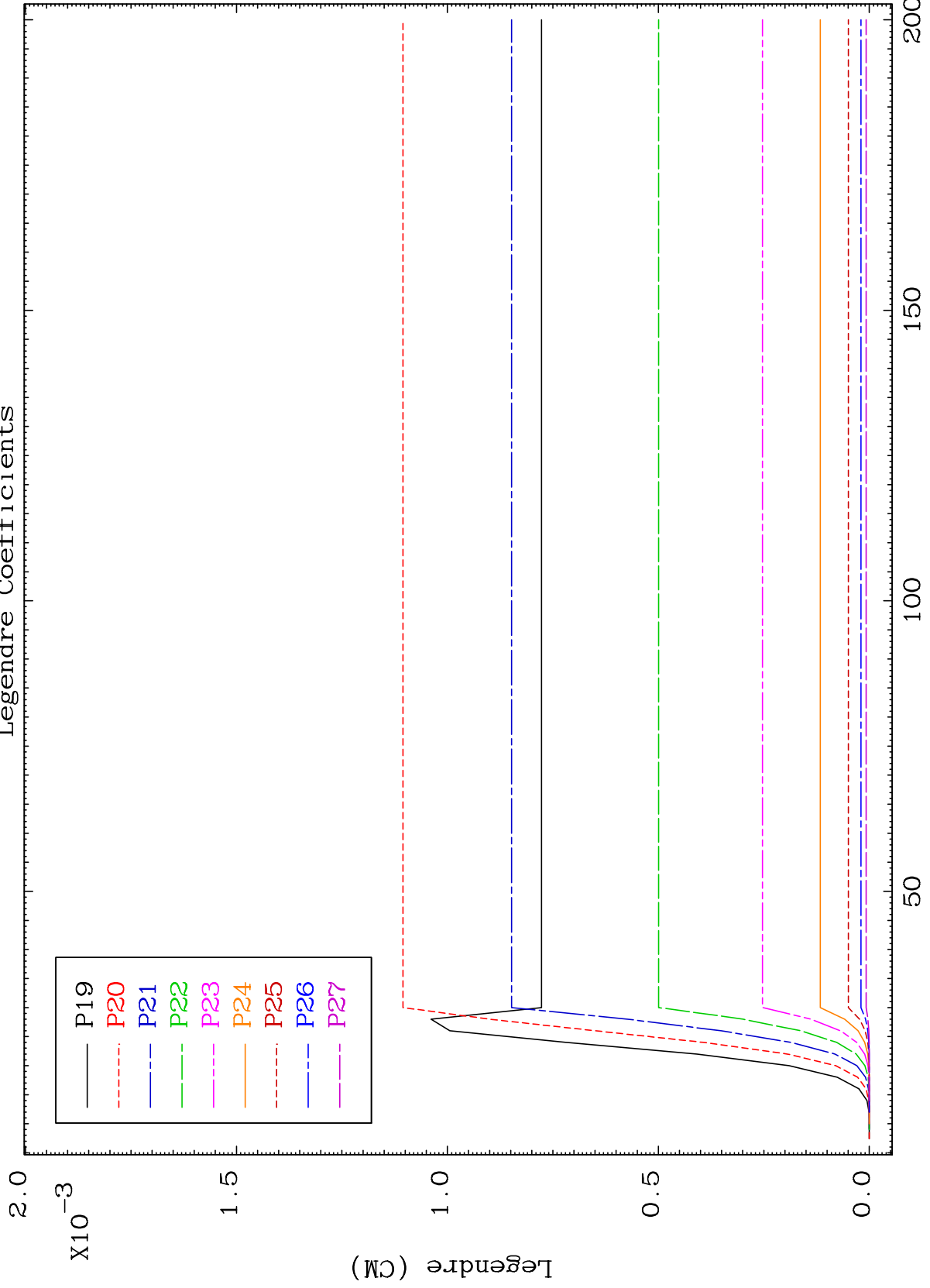
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



82

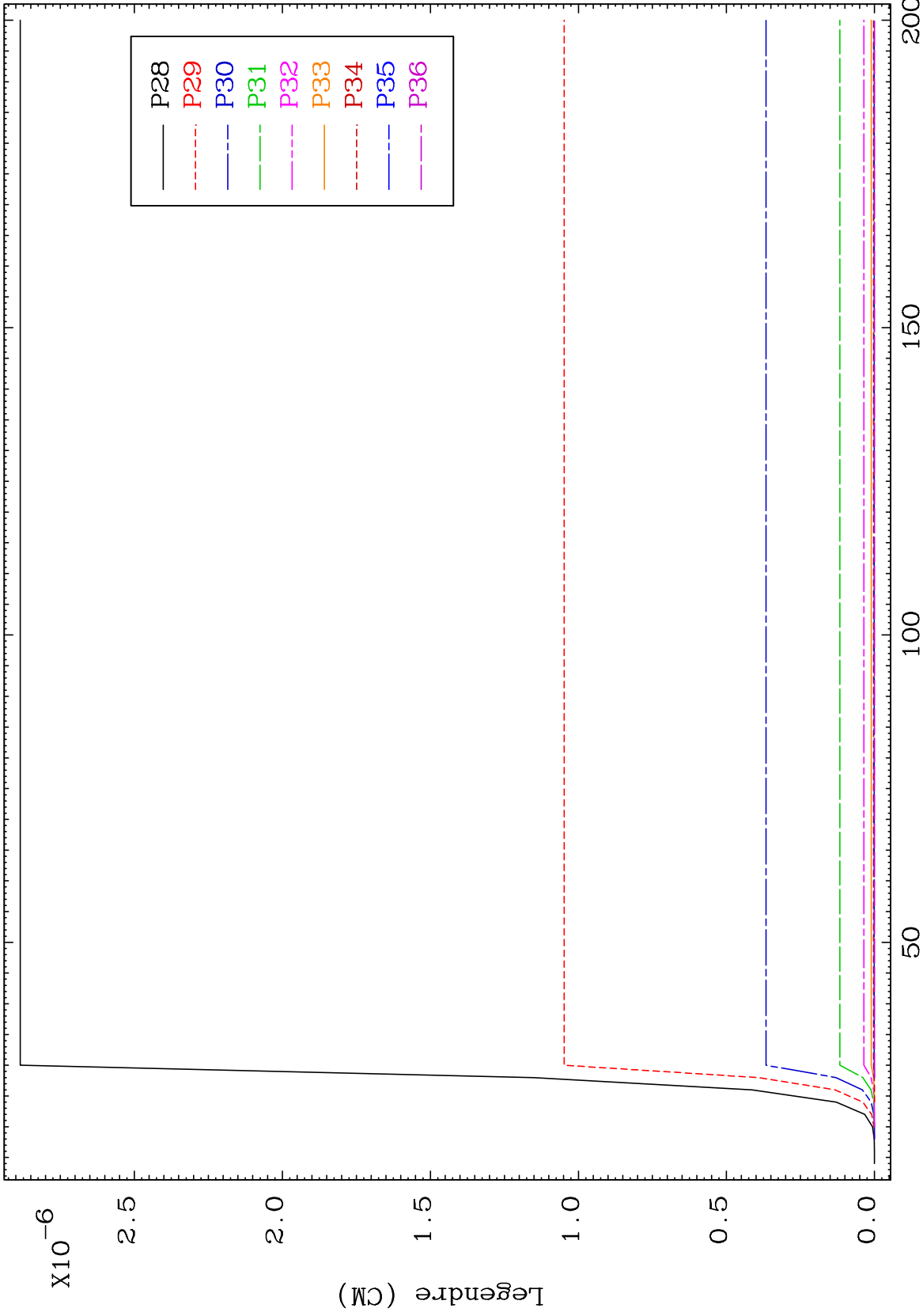
Incident Energy (MeV)

57-La-141

MAT 5734

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

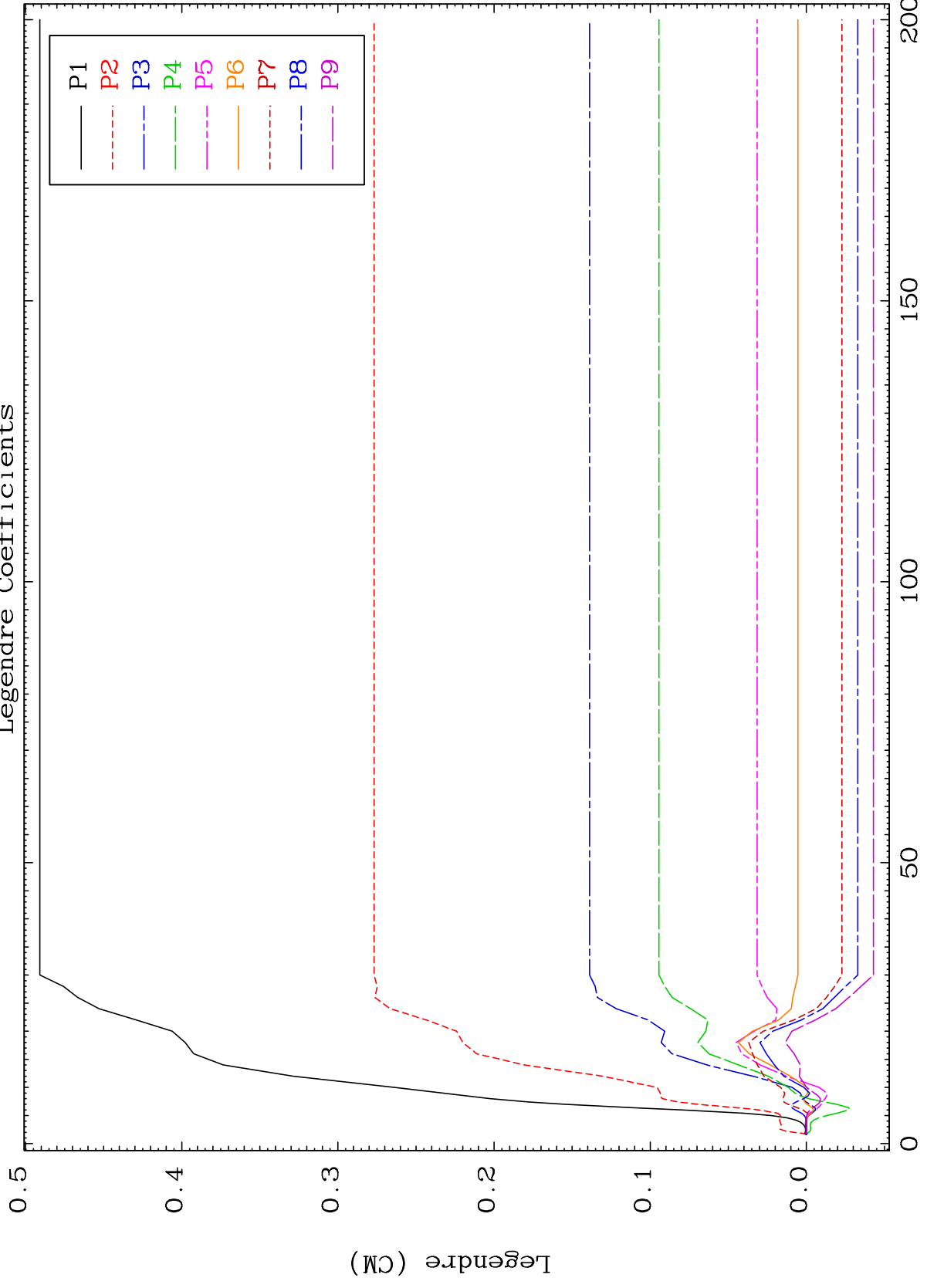
57-La-141



83

57-La-141

MAT 5734 MT= 68 (n,n') Level Legendre Coefficients 57-La-141

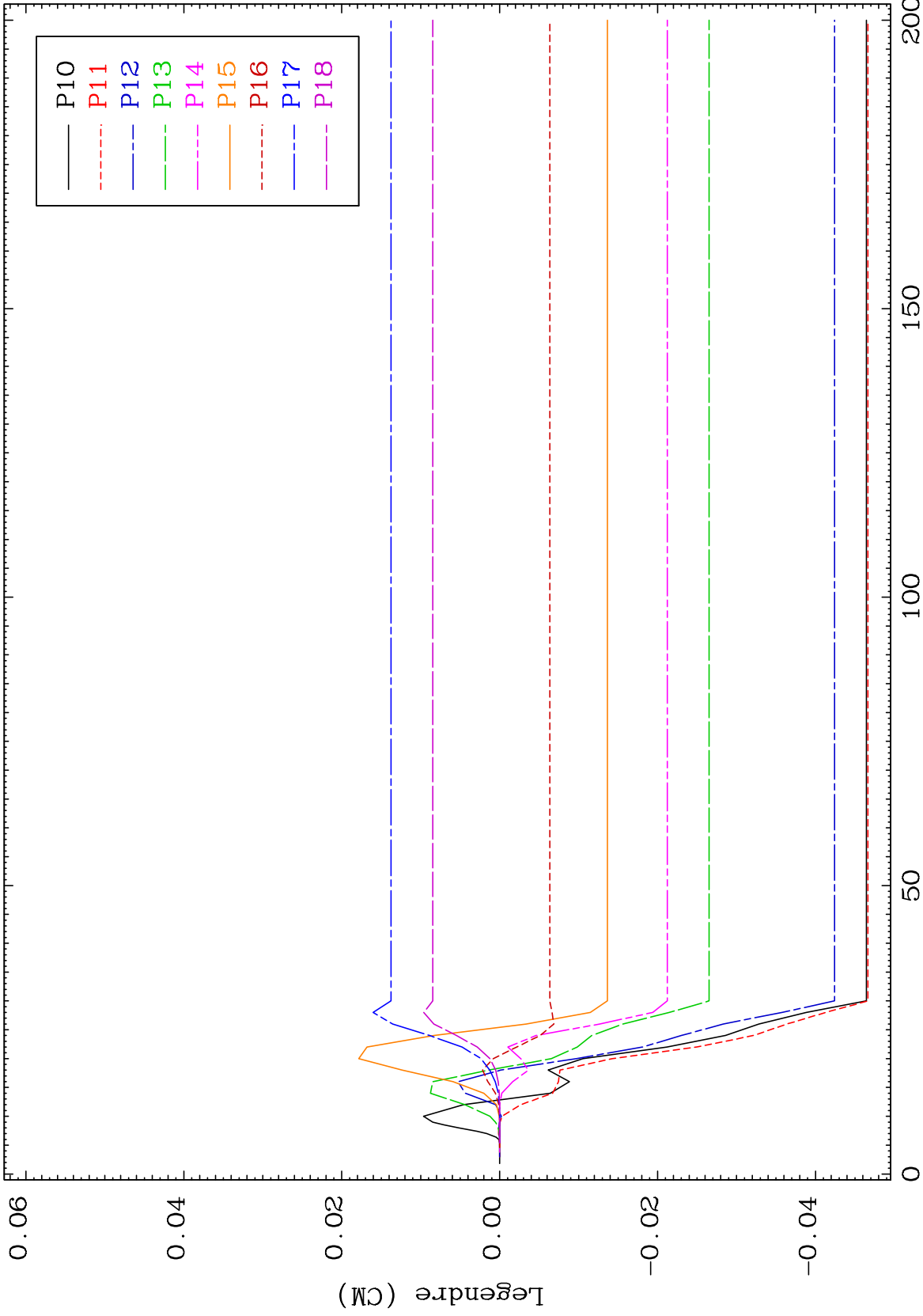


84 57-La-141

MAT 5734

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

57-La-141



85

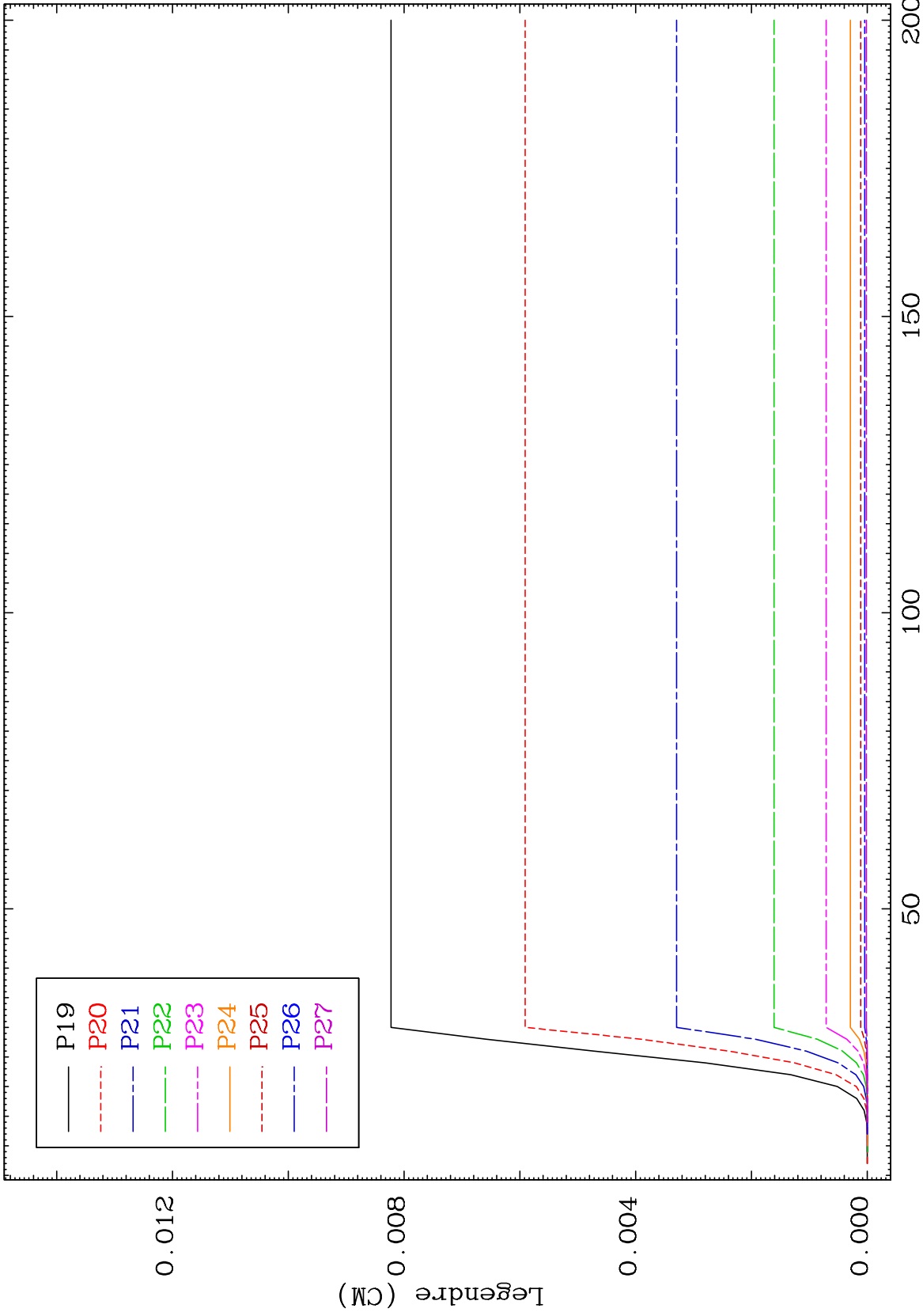
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



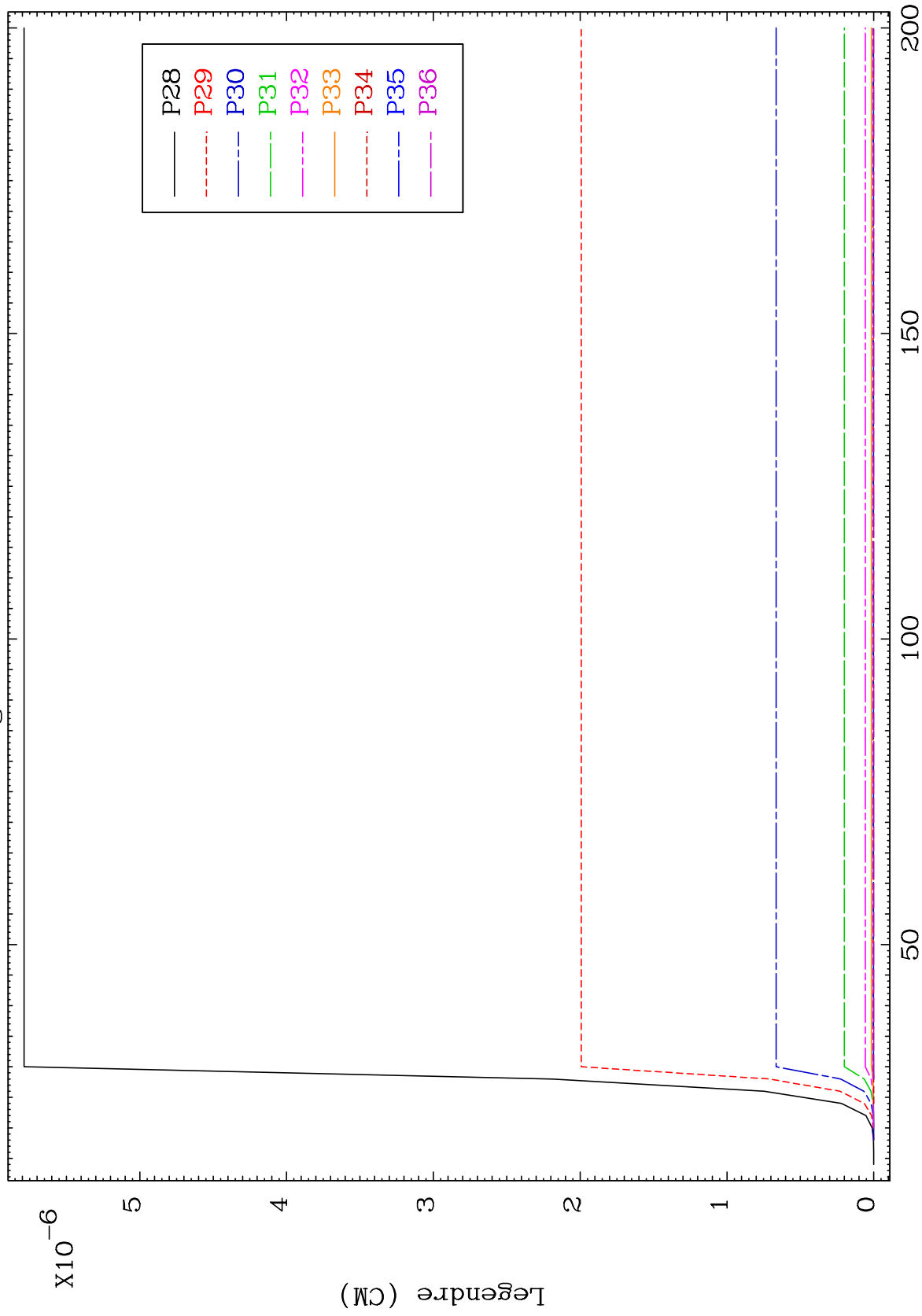
86

57-La-141

MAT 5734

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

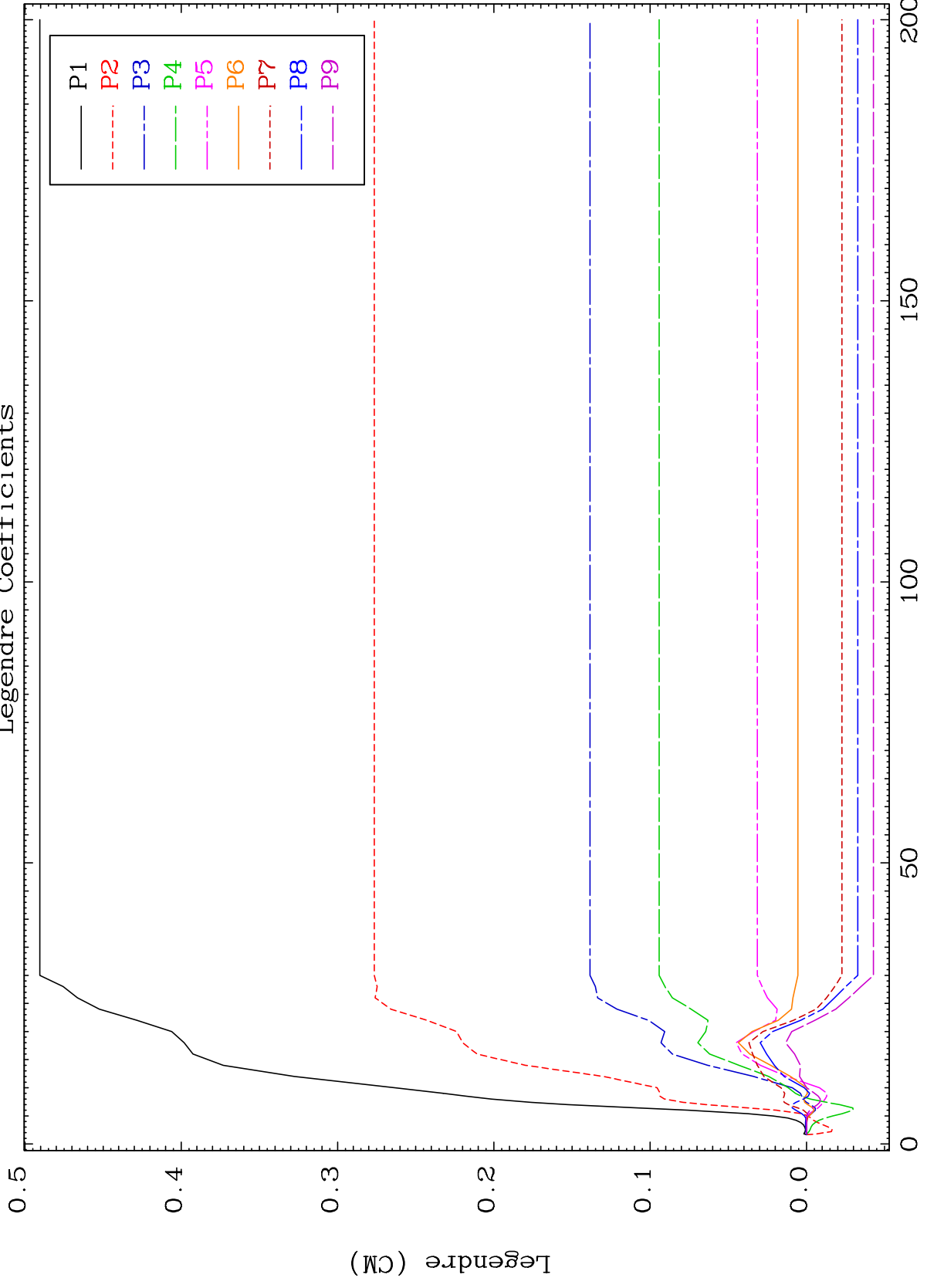
57-La-141



87

57-La-141

MAT 5734 MT= 69 (n,n') Level Legendre Coefficients 57-La-141

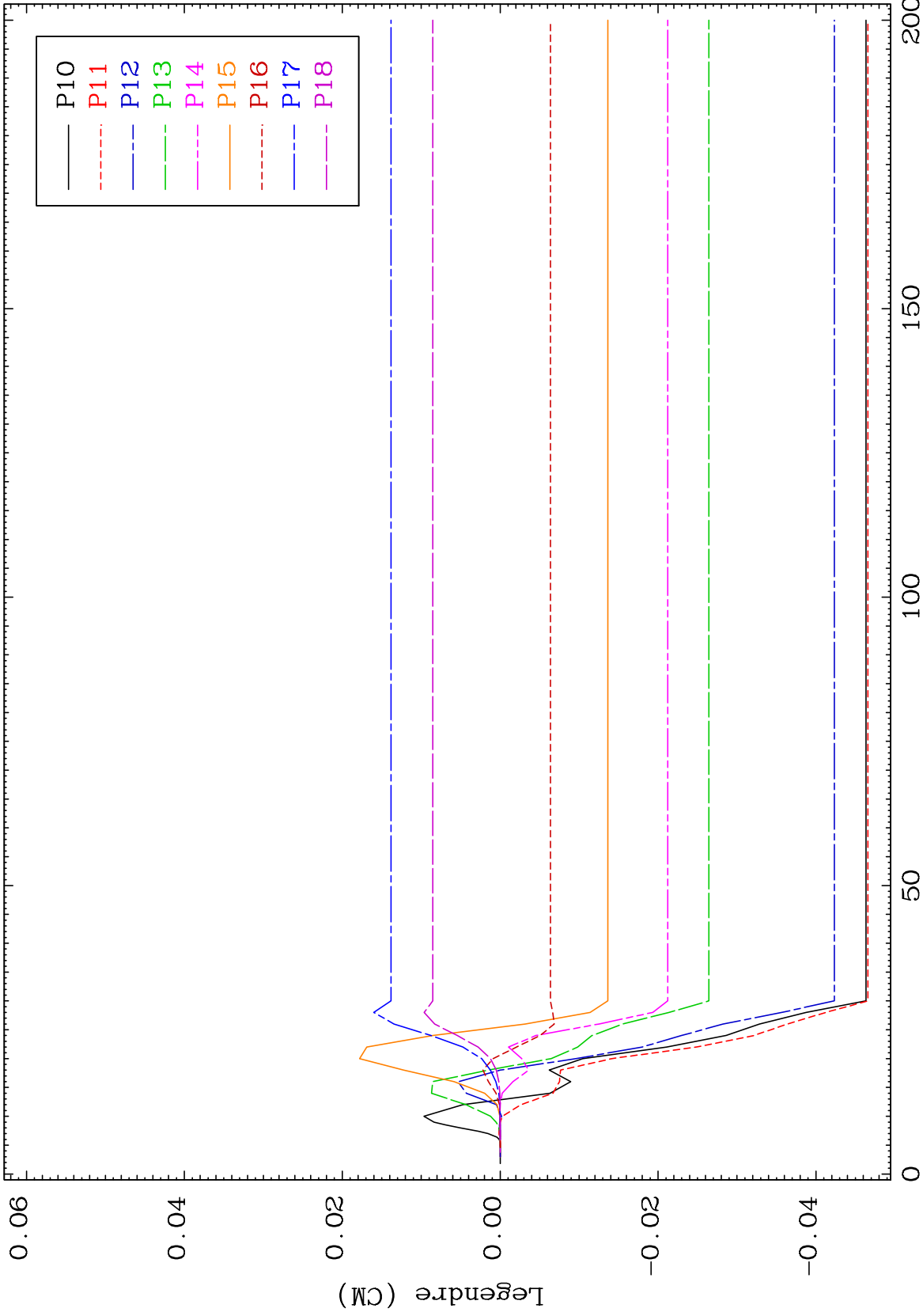


88 57-La-141

MAT 5734

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

57-La-141



89

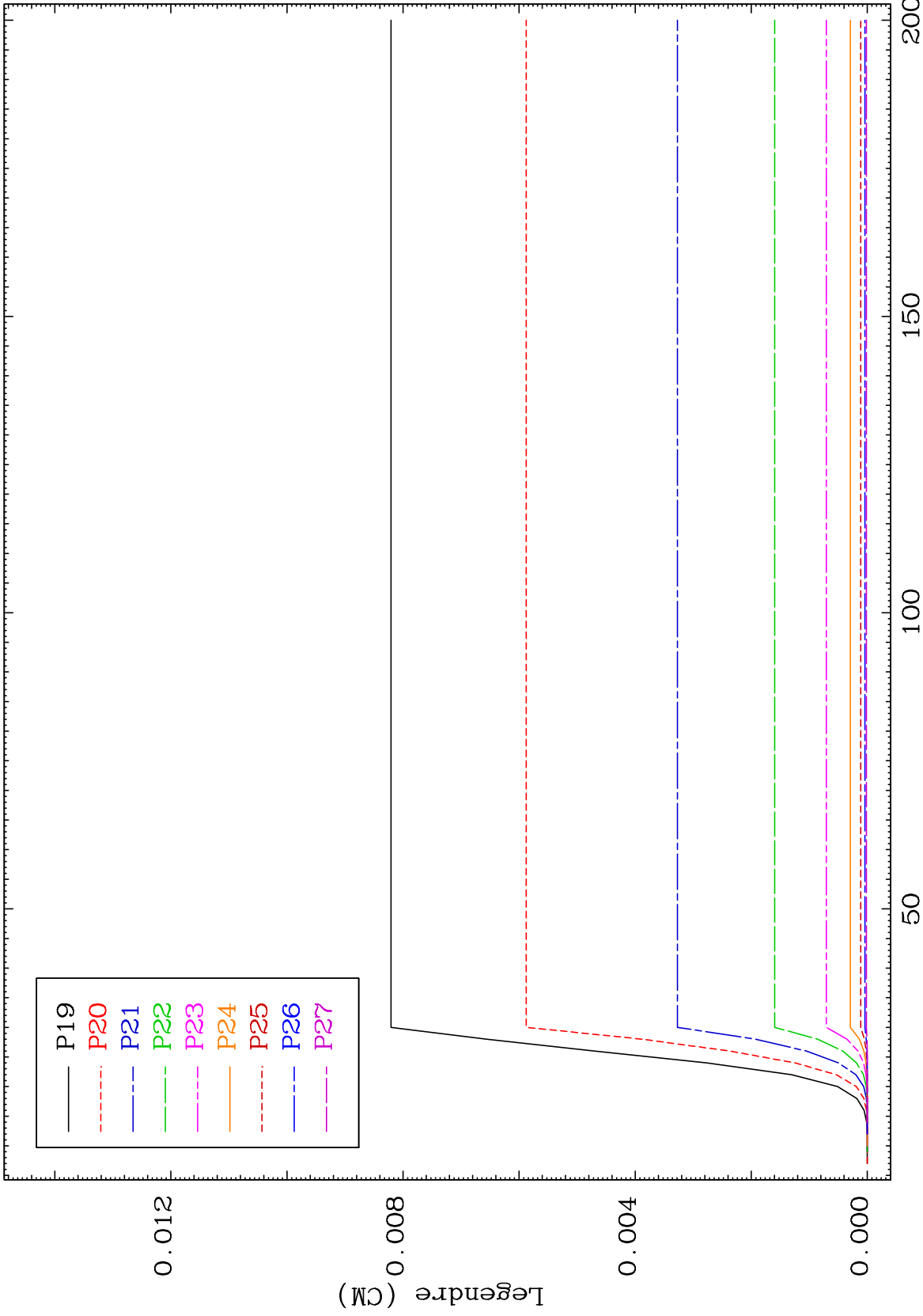
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



57-La-141

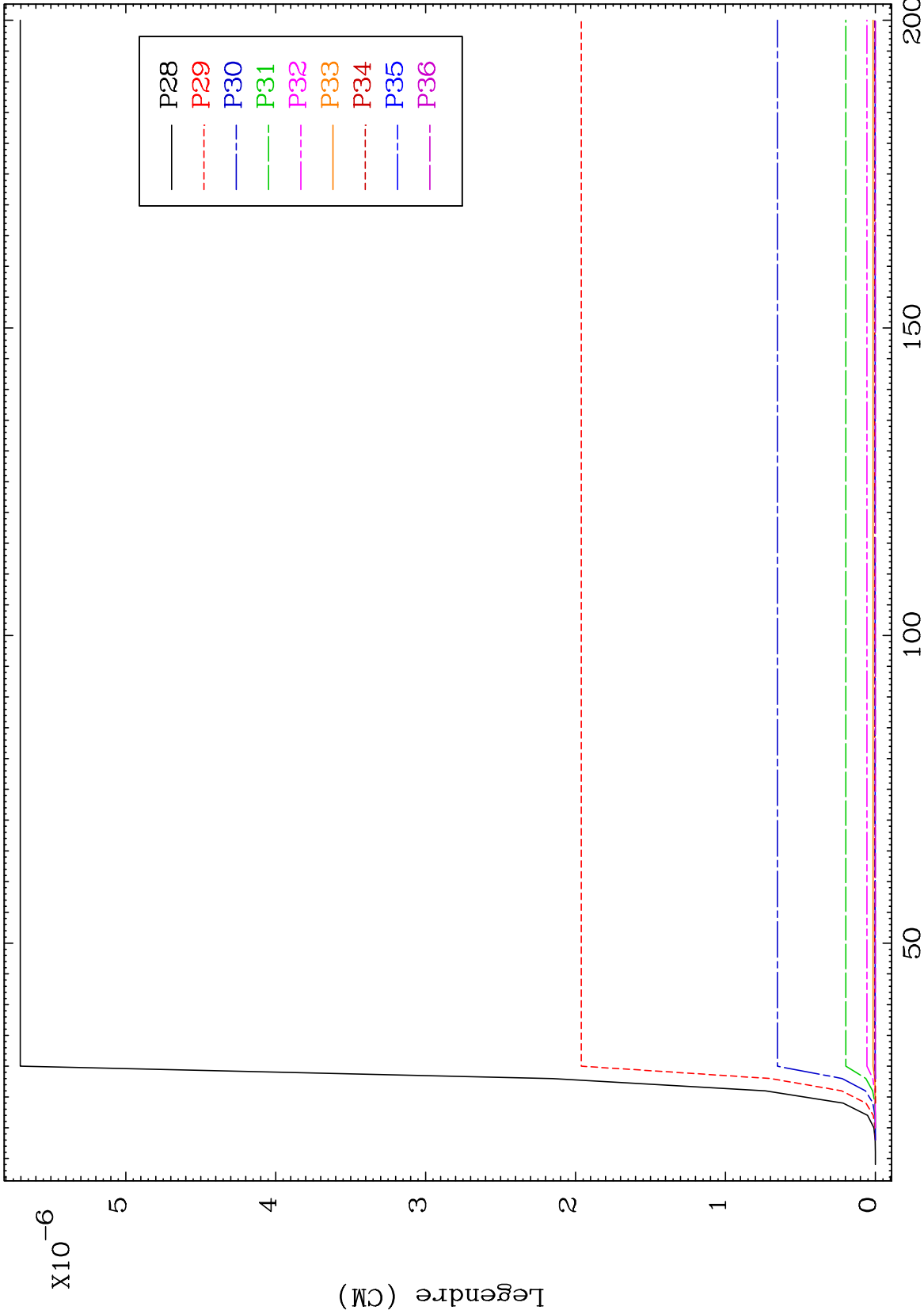
Incident Energy (MeV)

90

MAT 5734

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

57-La-141



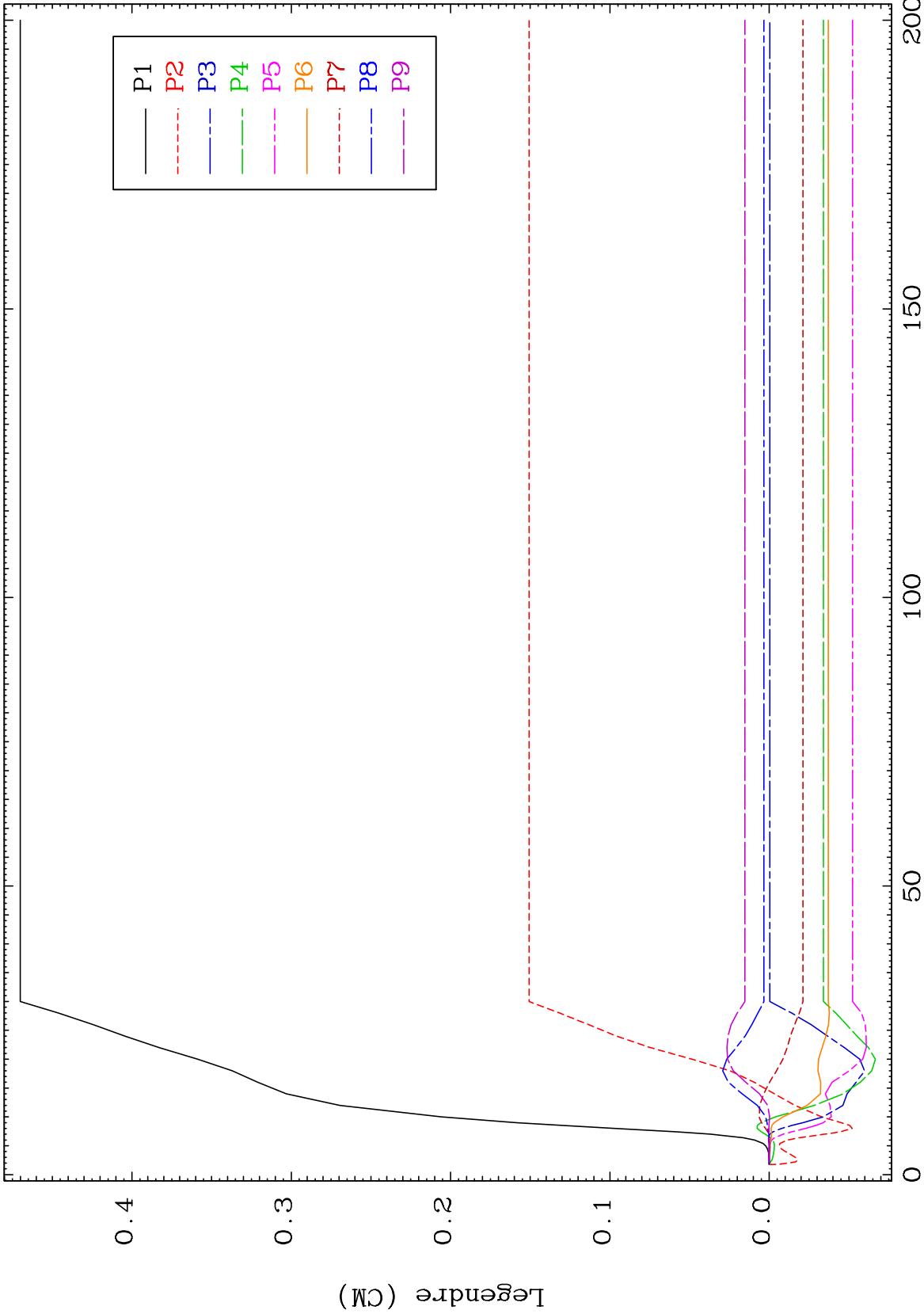
91

57-La-141

MAT 5734

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

57-La-141



92

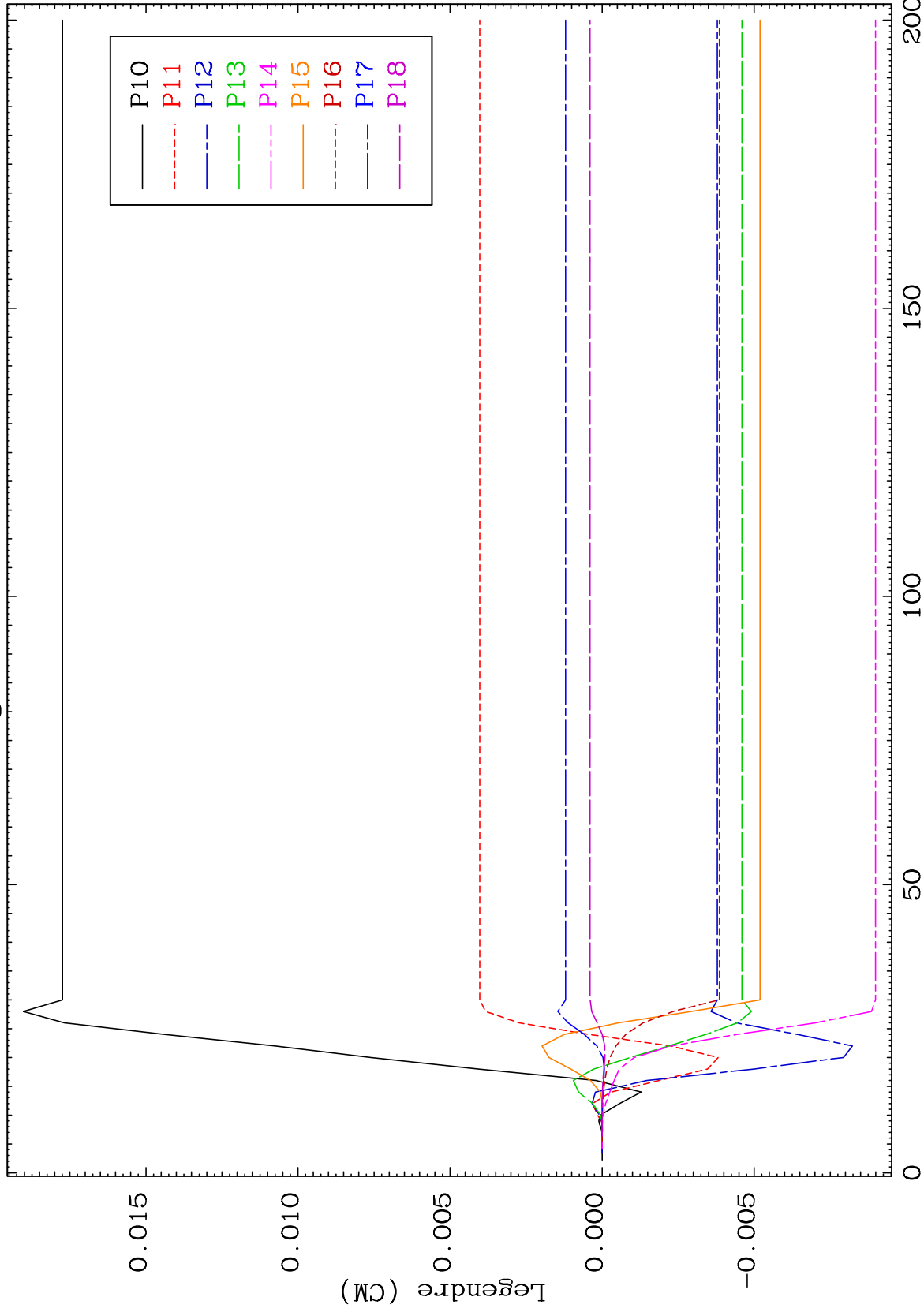
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



93

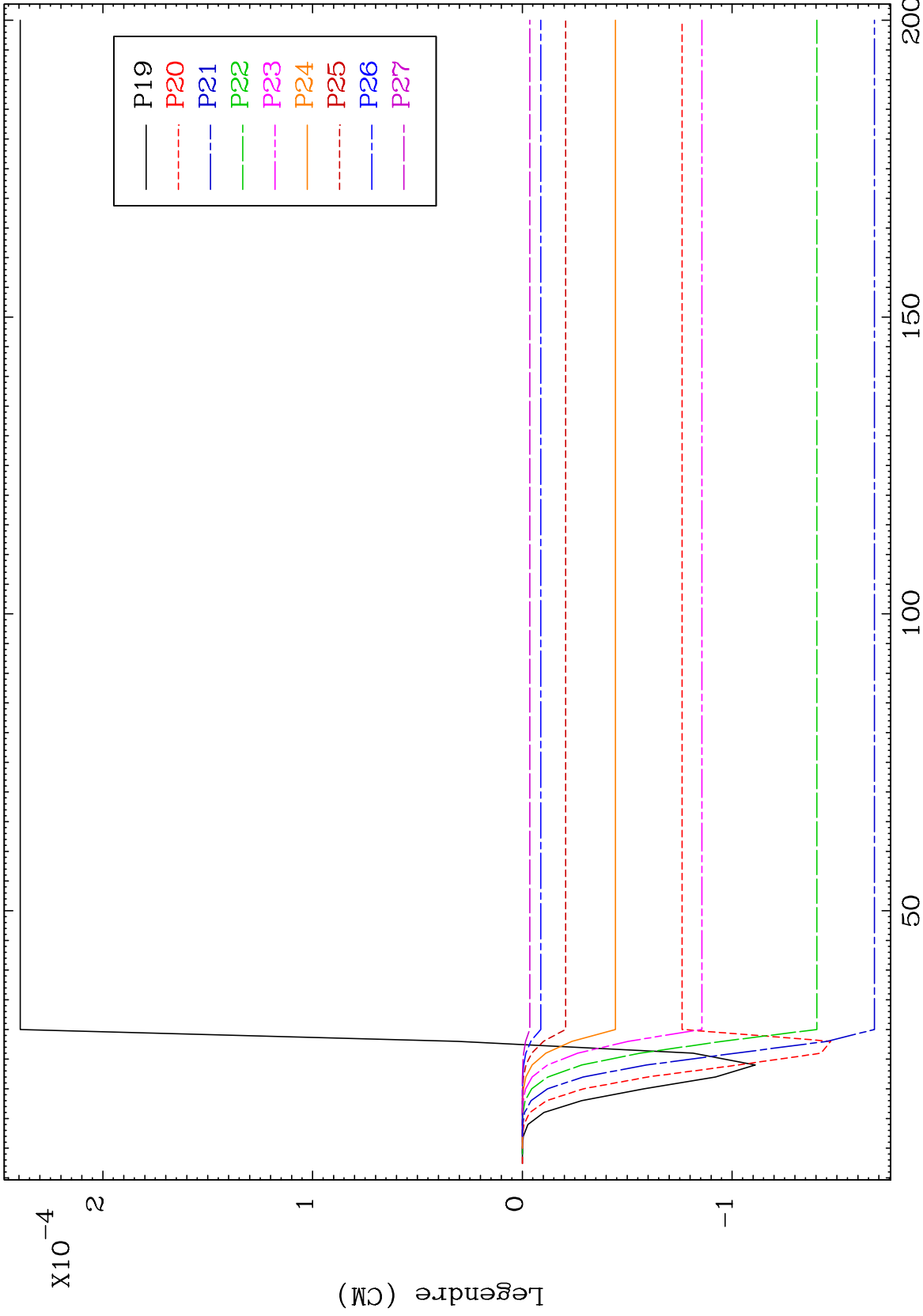
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



94

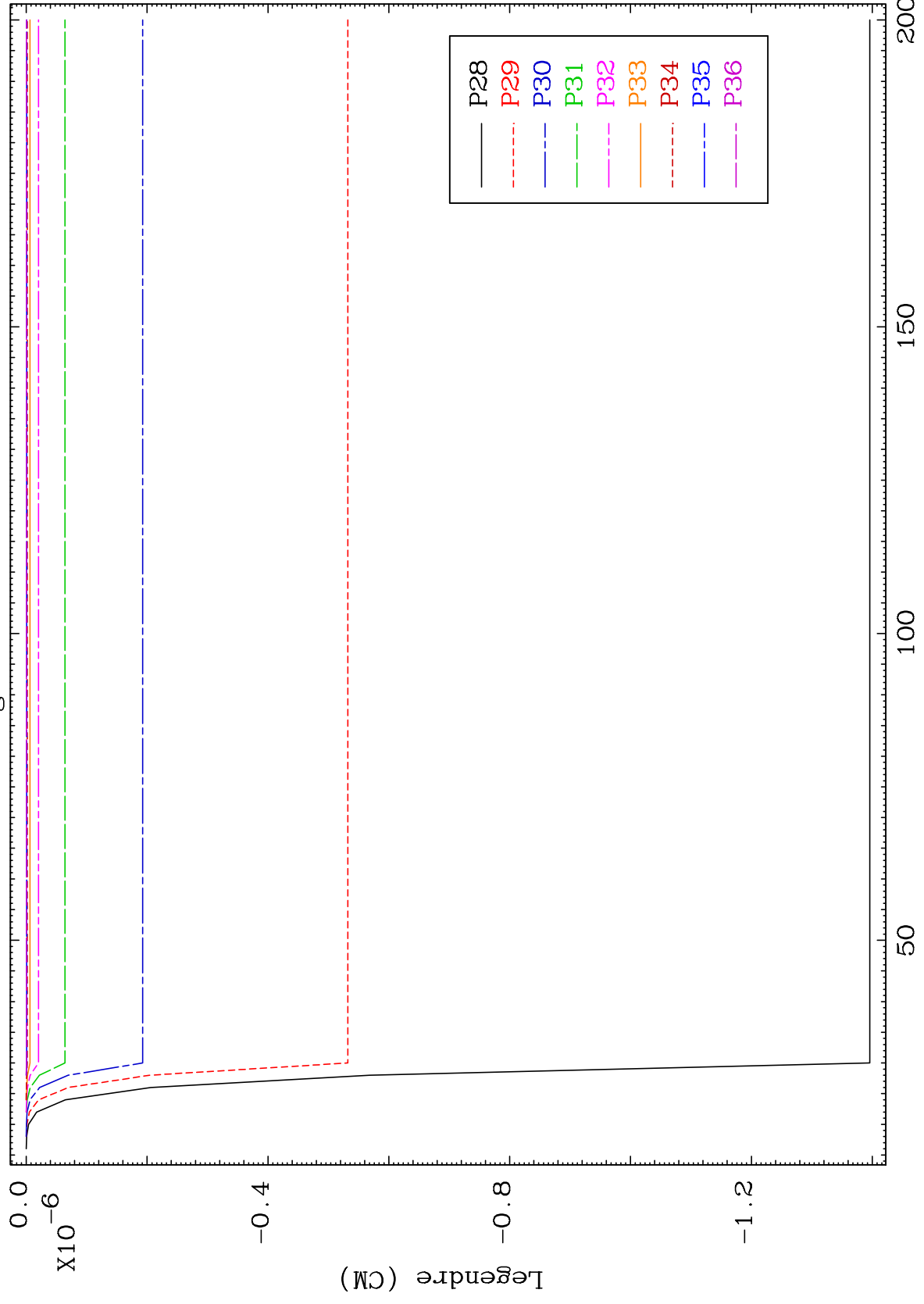
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



57-La-141

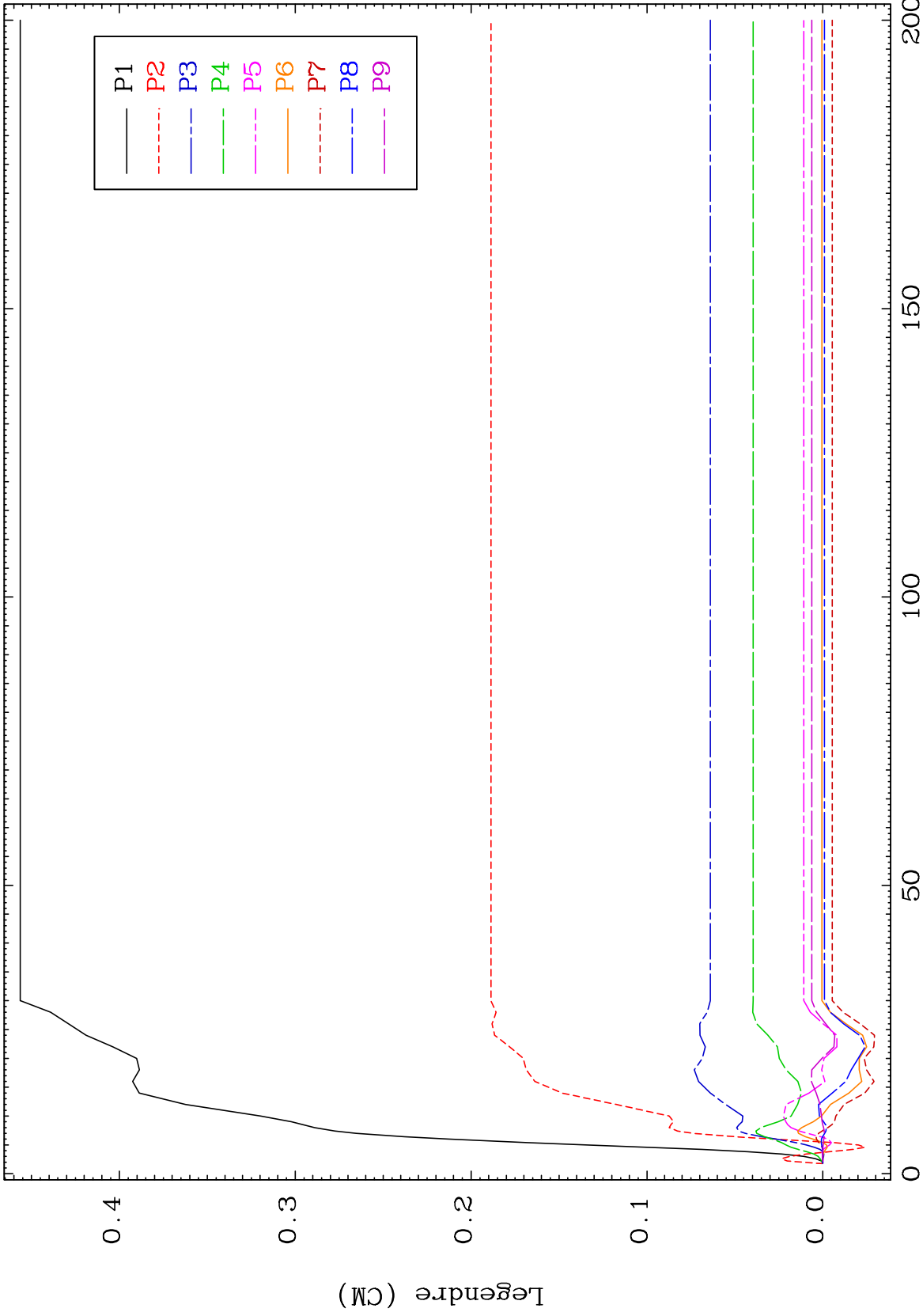
Incident Energy (MeV)

95

MAT 5734

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

57-La-141



96

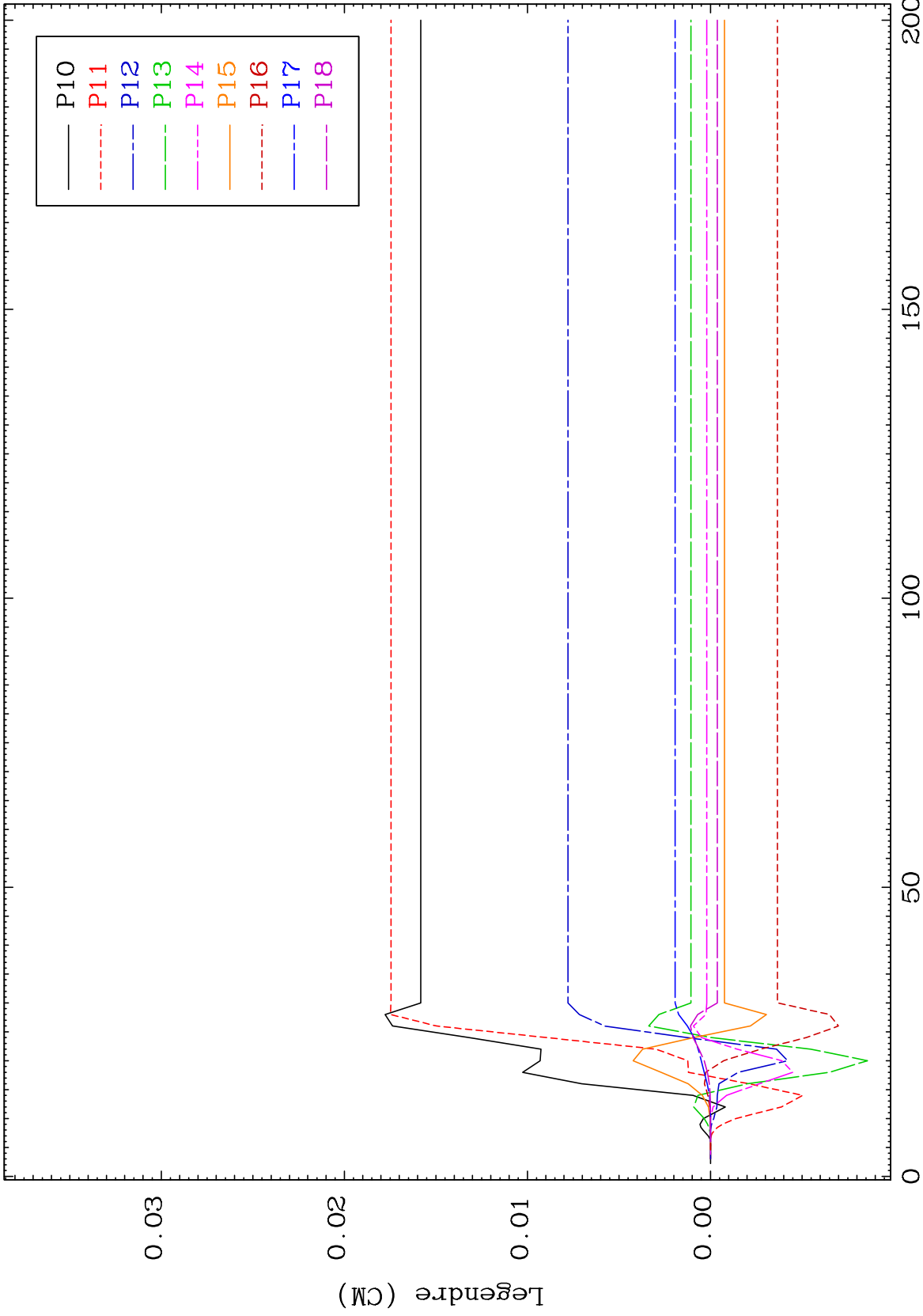
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



97

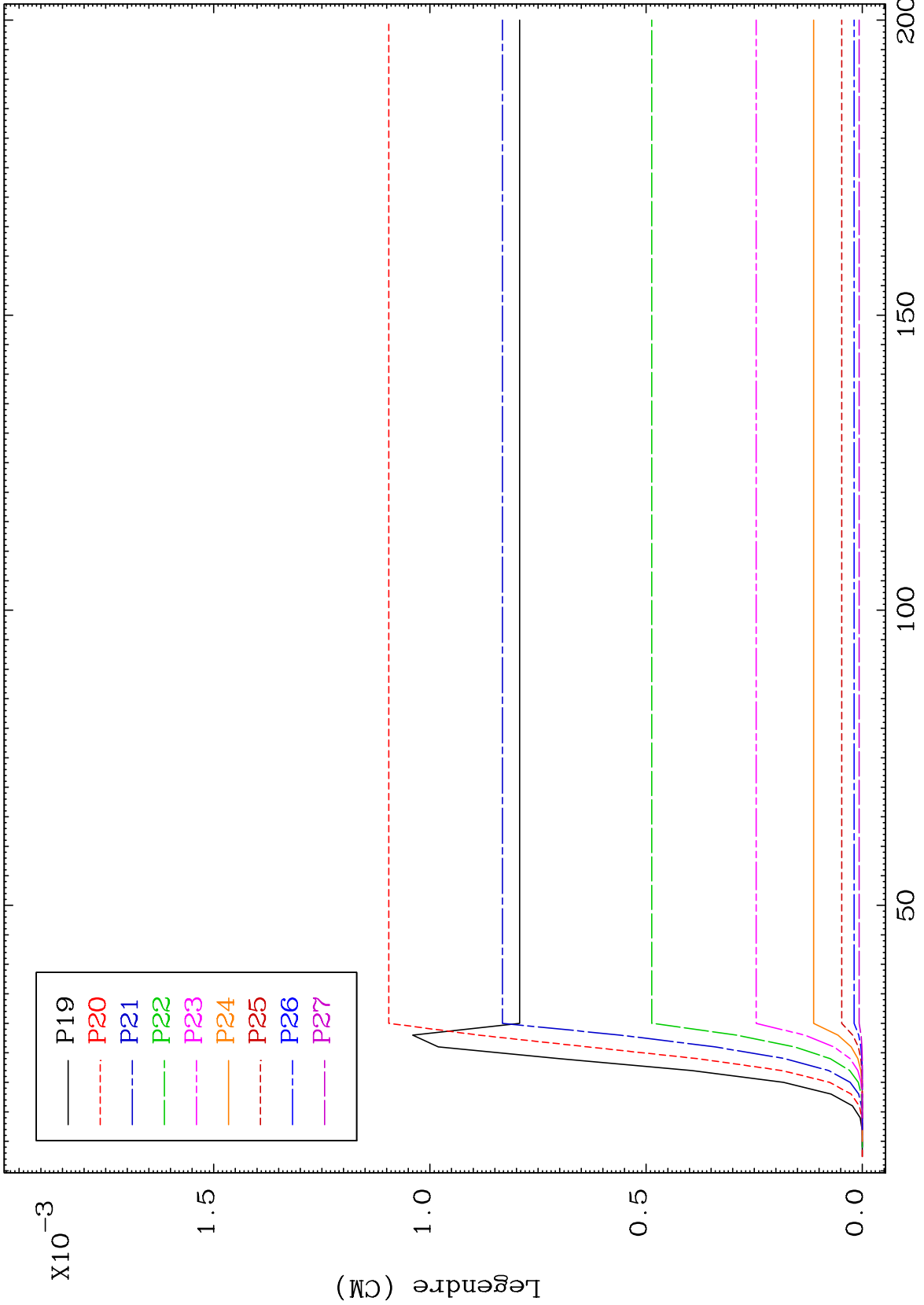
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



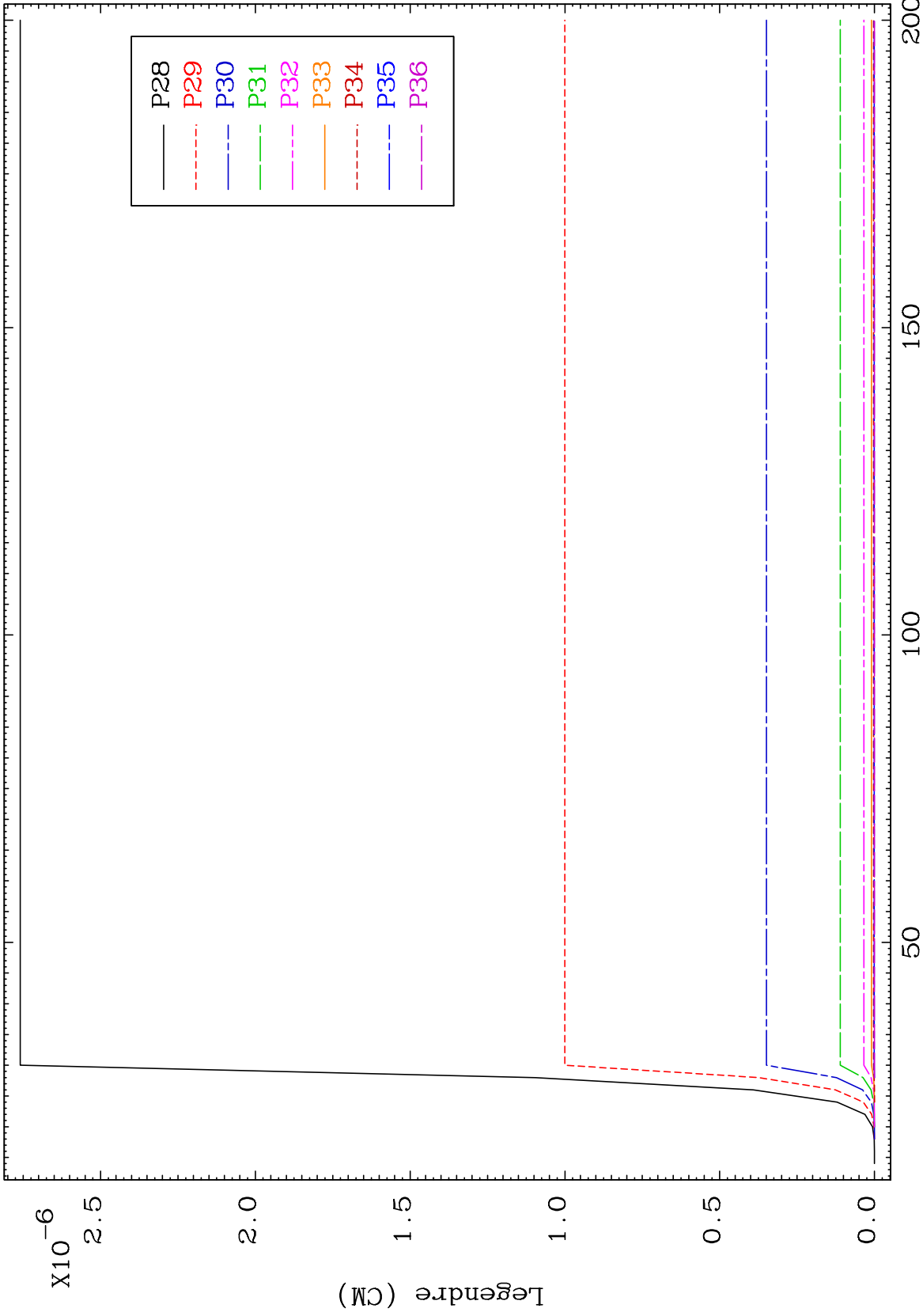
98

57-La-141

MAT 5734

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

57-La-141



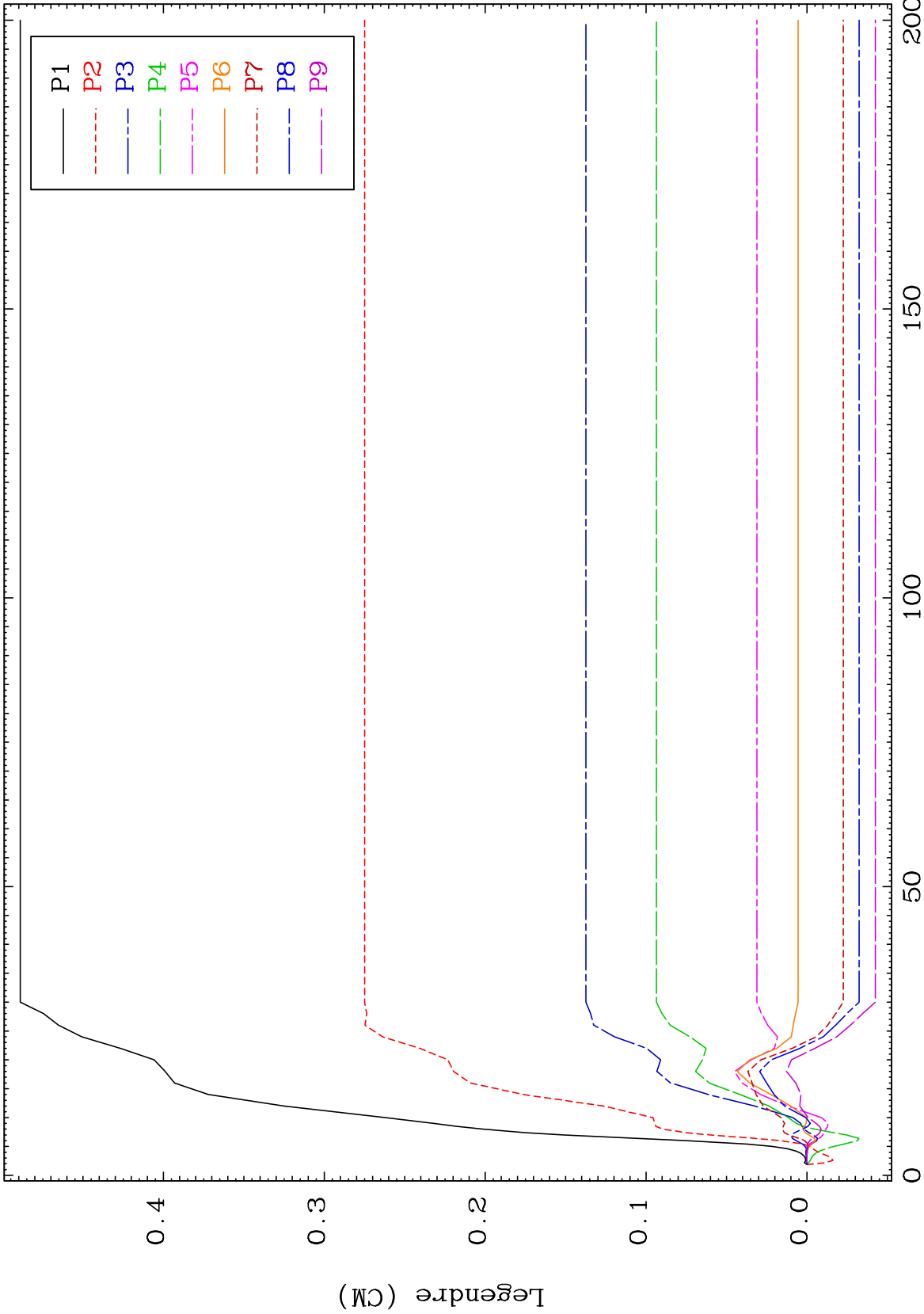
99

57-La-141

MAT 5734

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

57-La-141



57-La-141

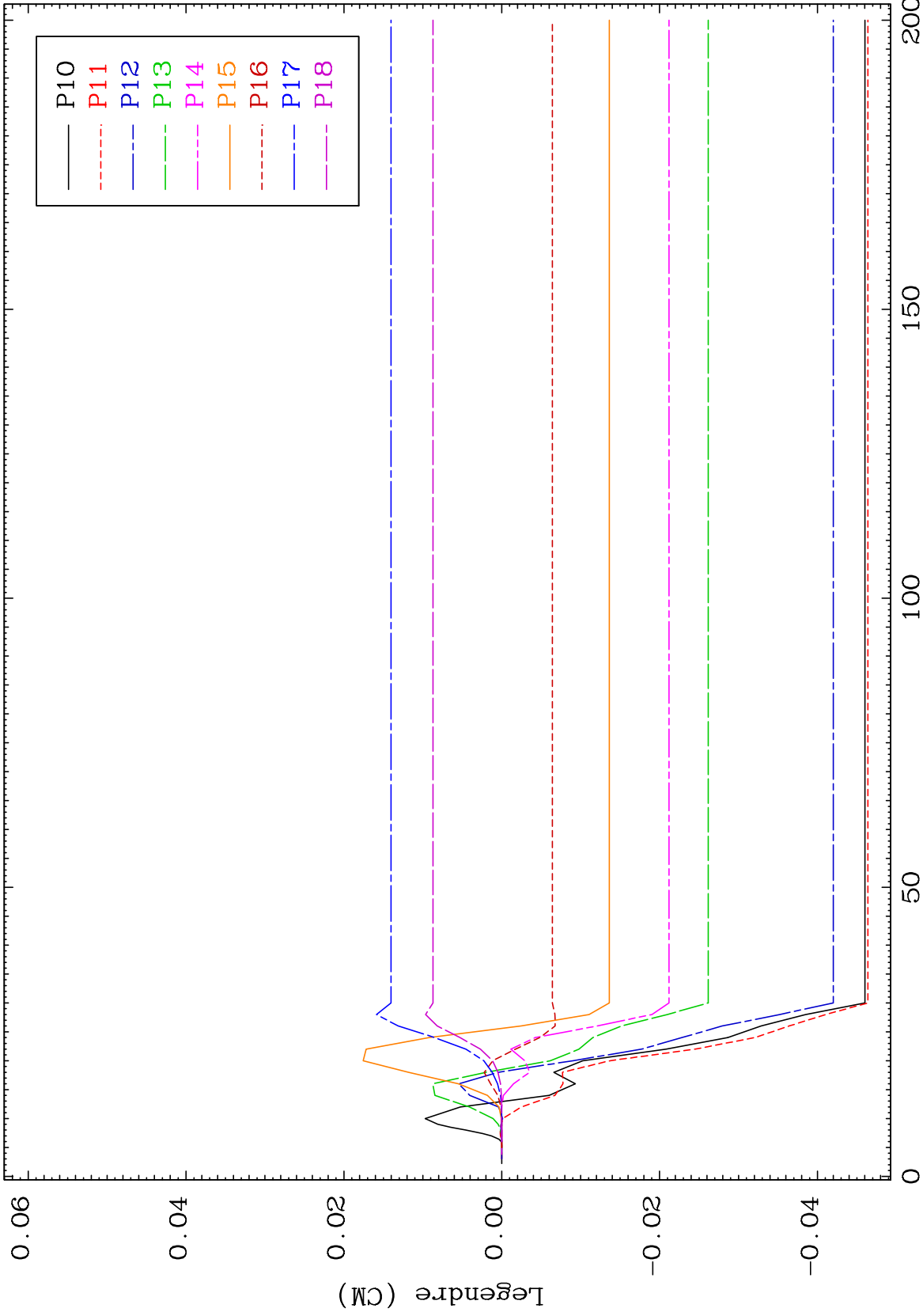
Incident Energy (MeV)

100

MAT 5734

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

57-La-141



101

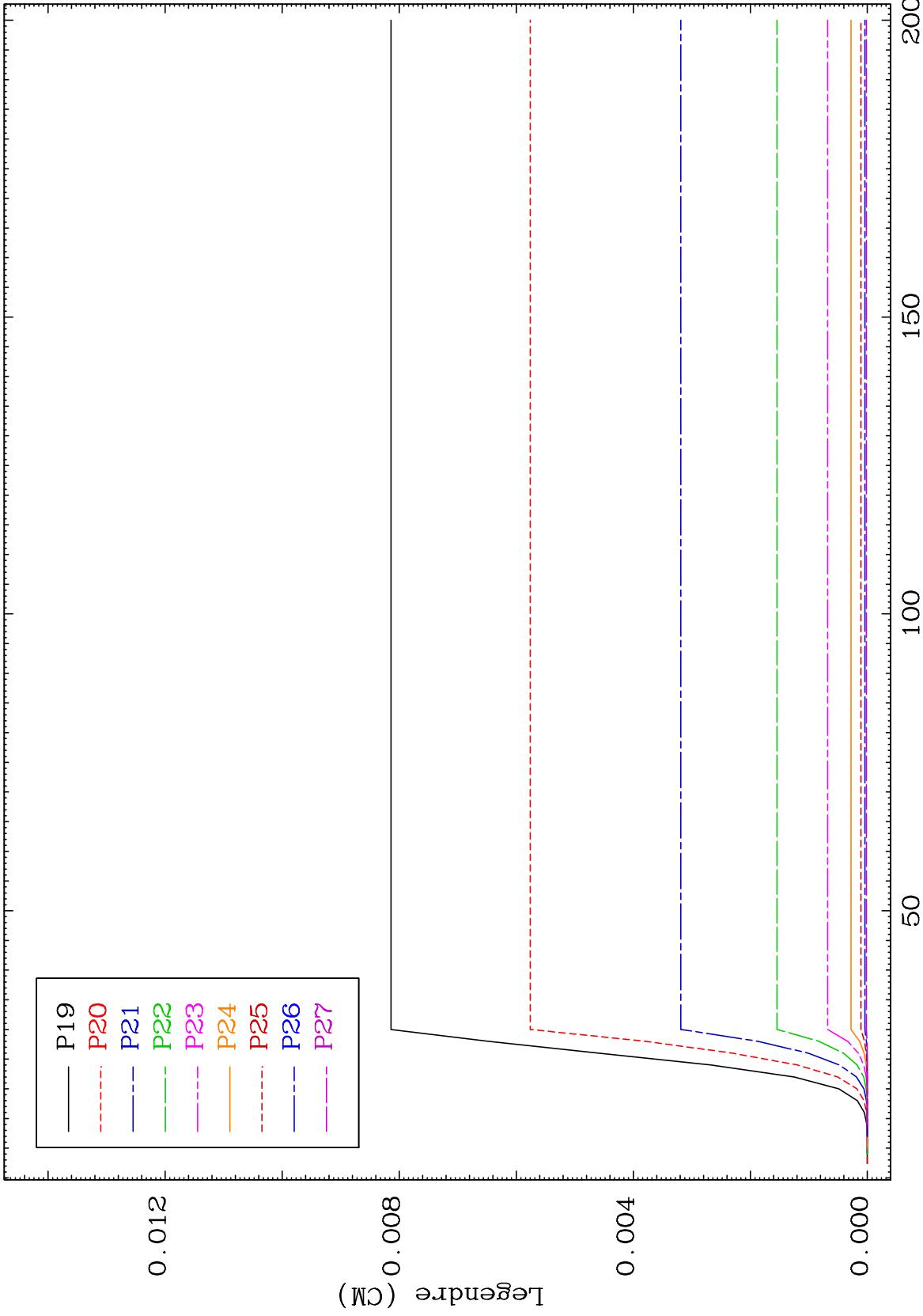
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



102

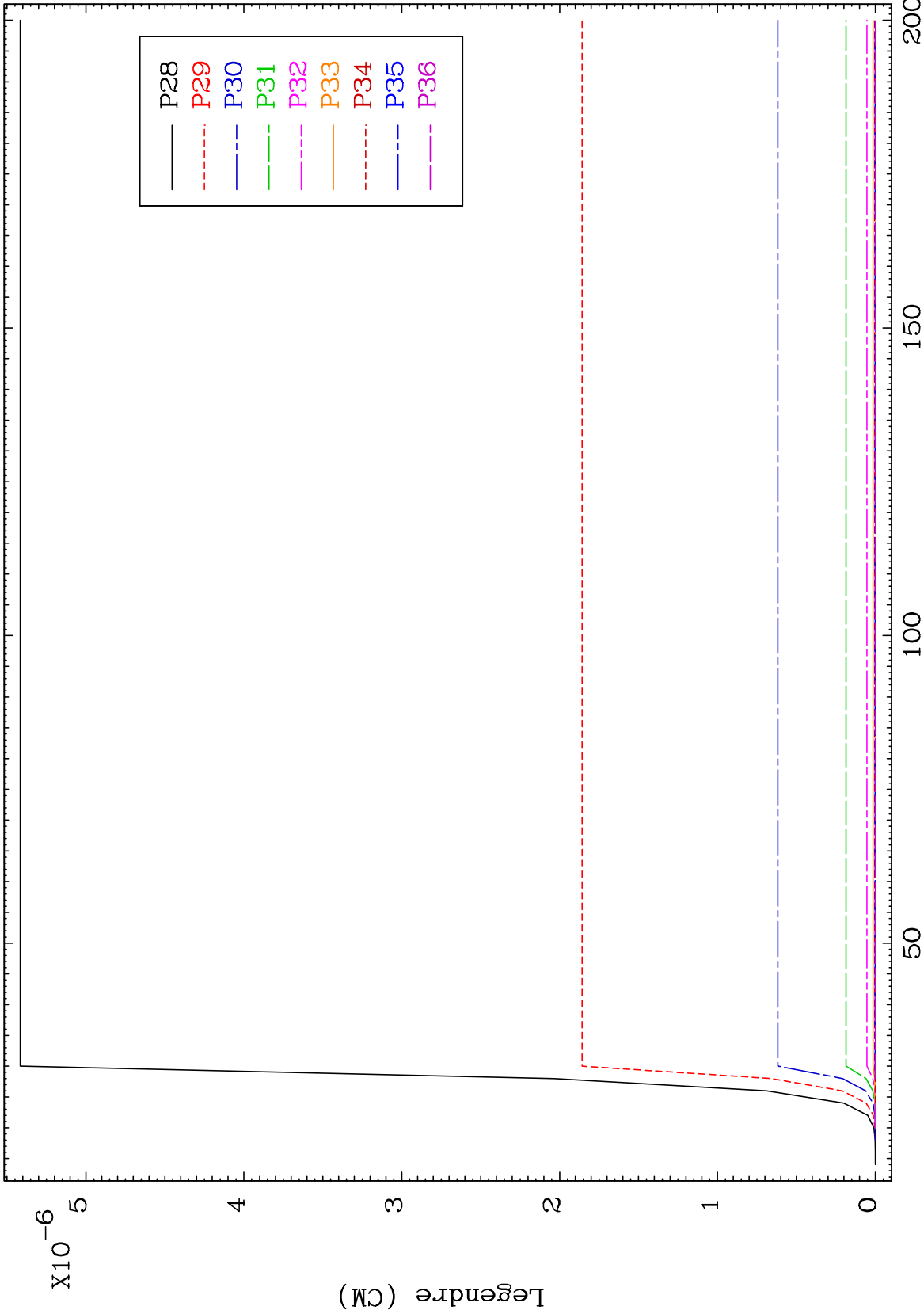
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



103

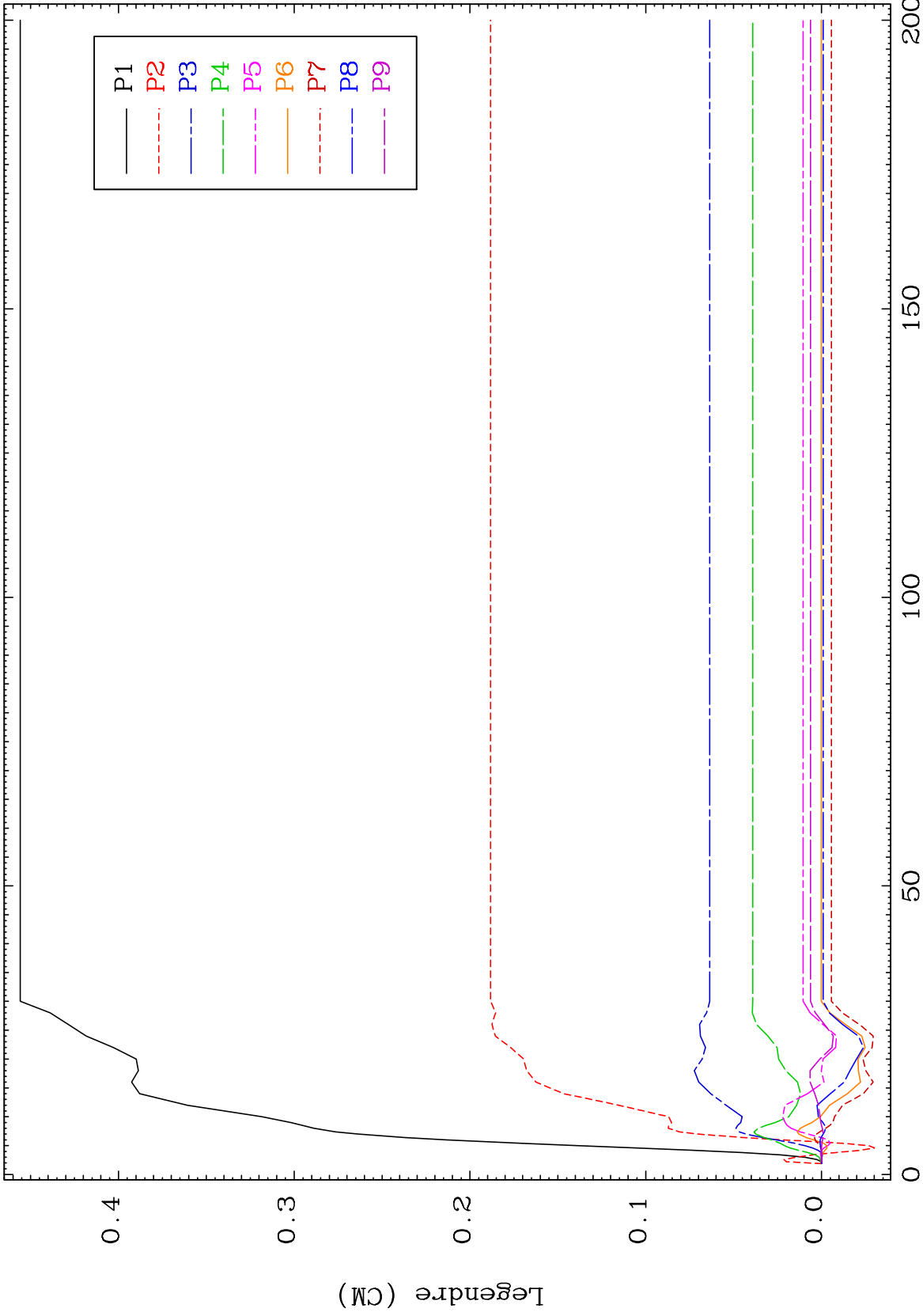
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



57-La-141

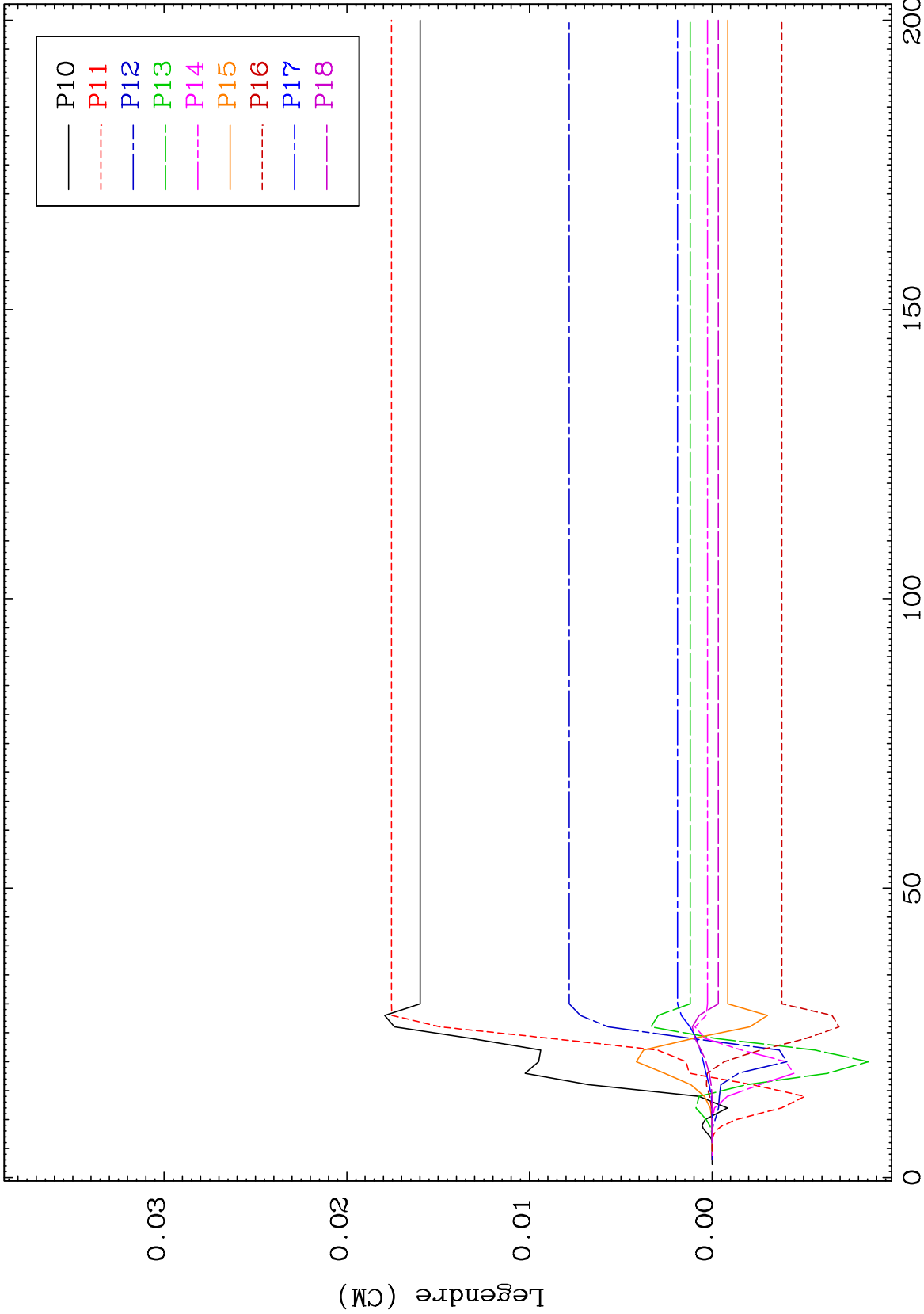
Incident Energy (MeV)

104

MAT 5734

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

57-La-141



57-La-141

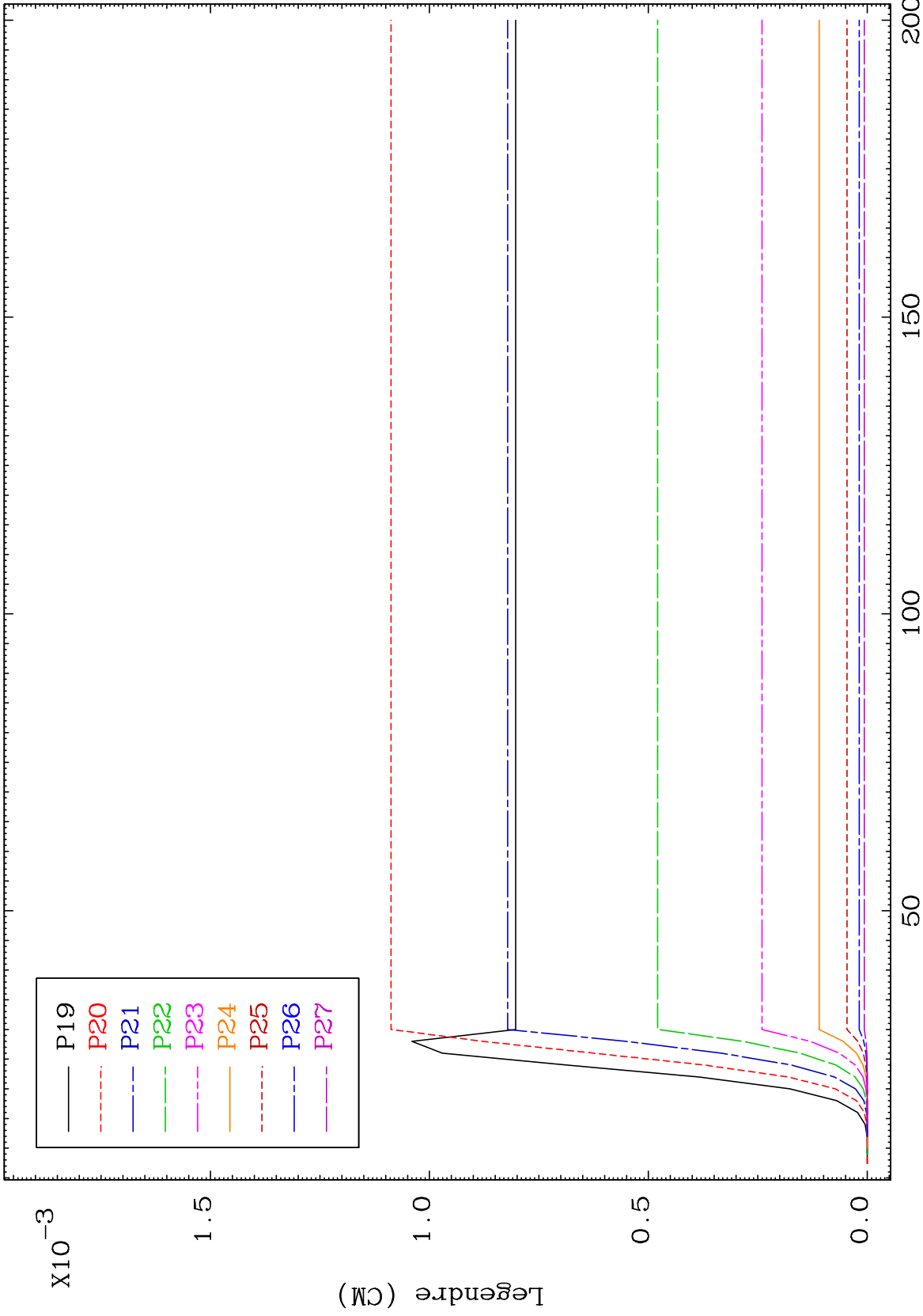
Incident Energy (MeV)

105

MAT 5734

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

57-La-141



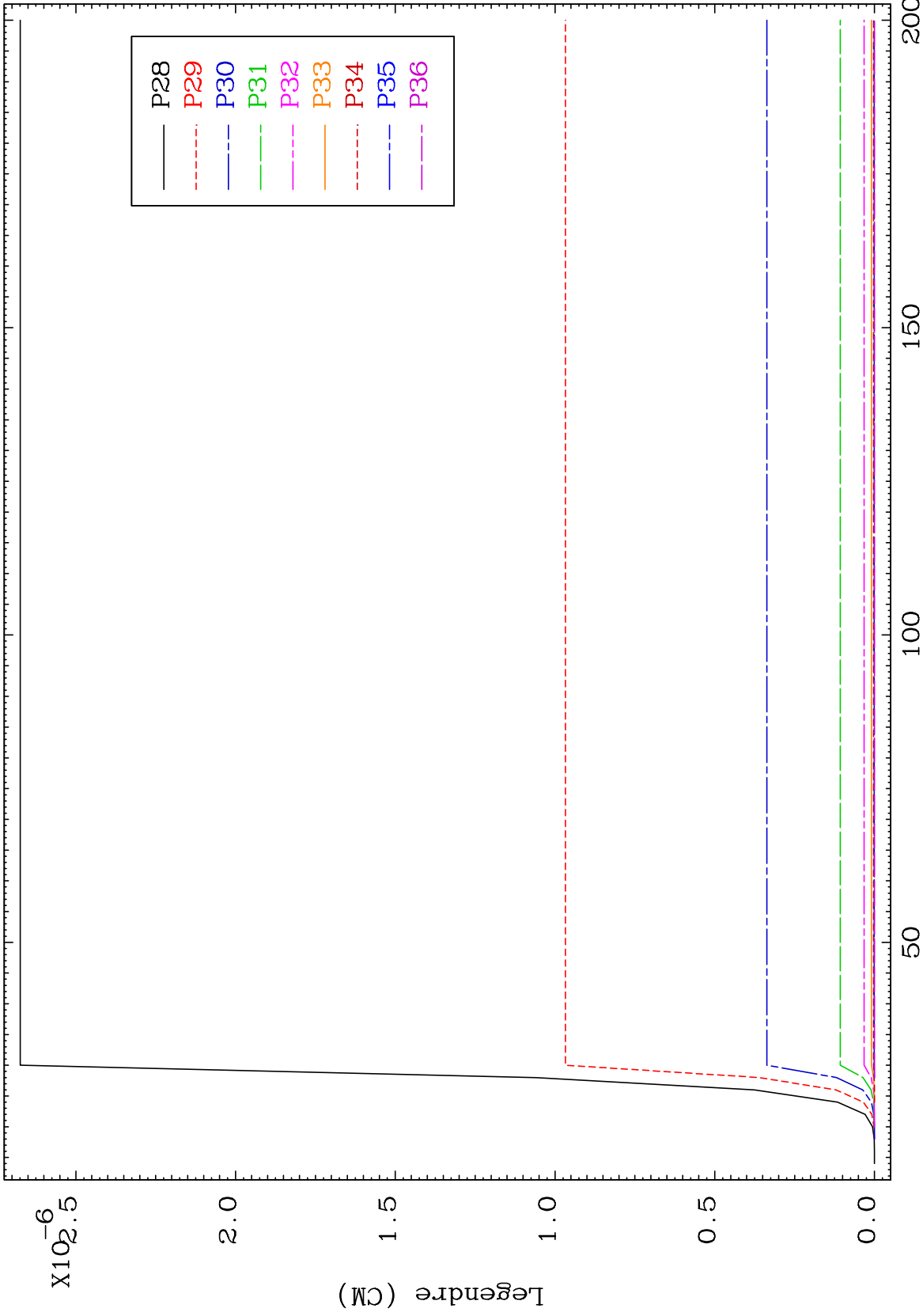
106

57-La-141

MAT 5734

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

57-La-141



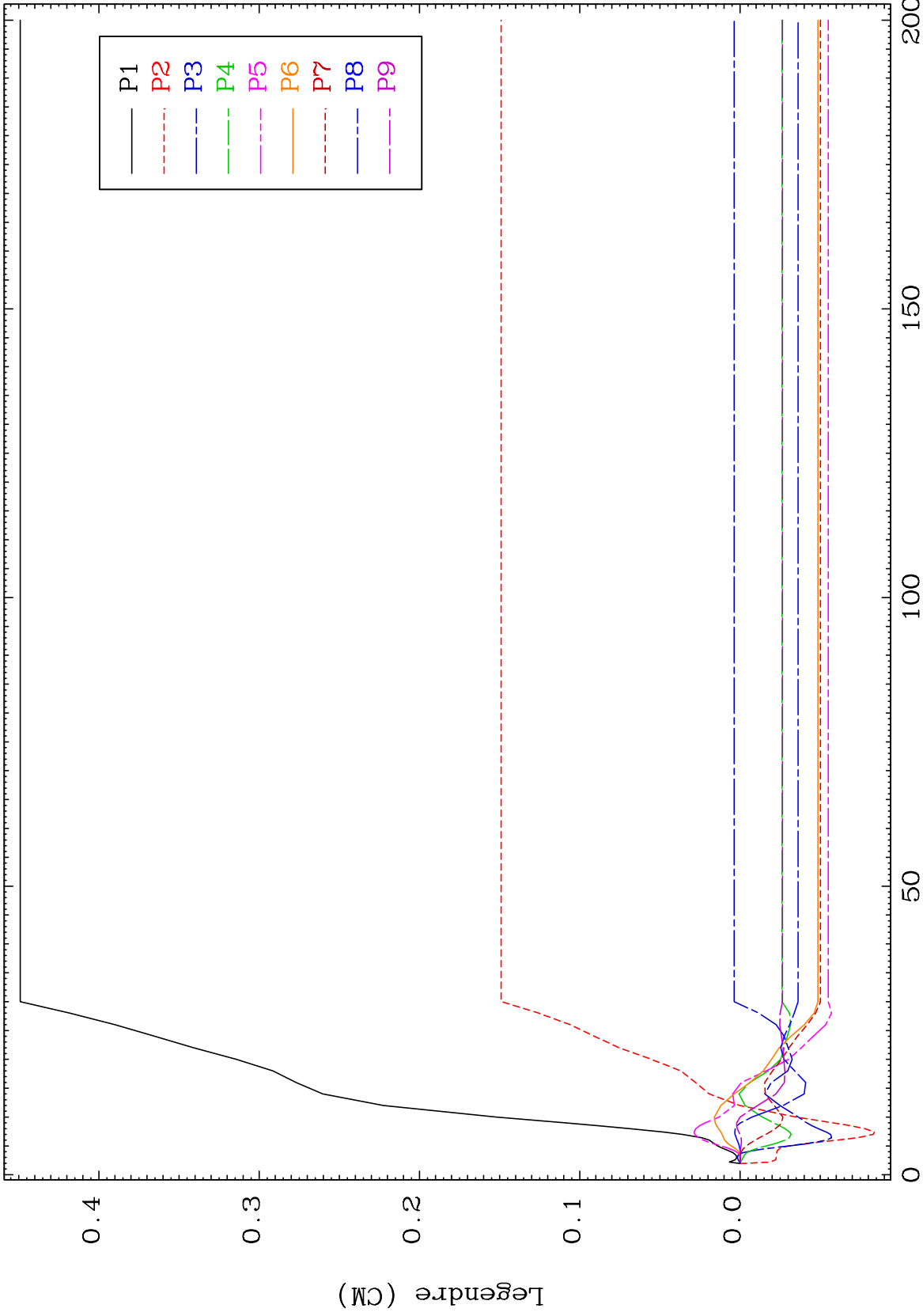
107

57-La-141

MAT 5734

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

57-La-141



108

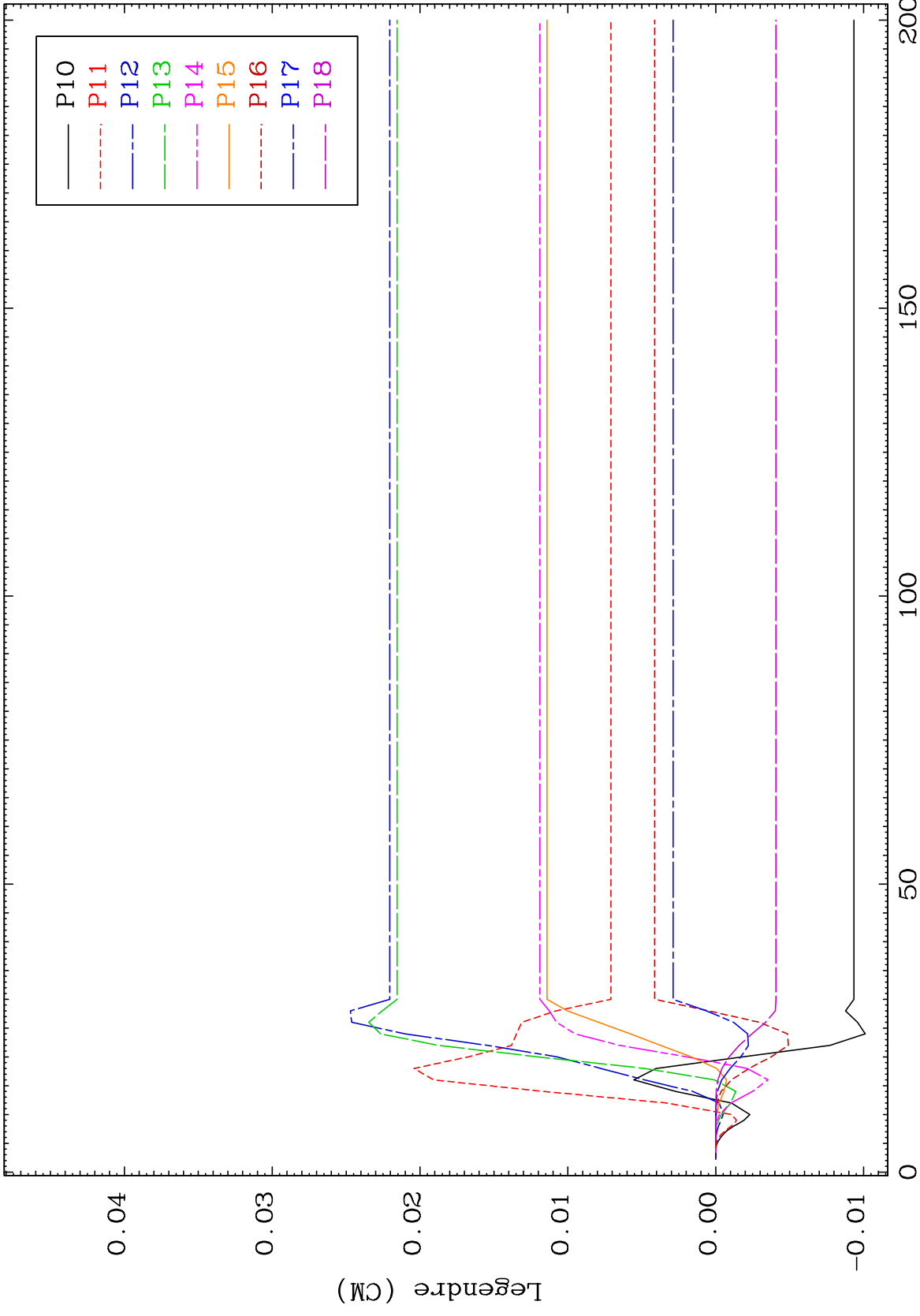
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



109

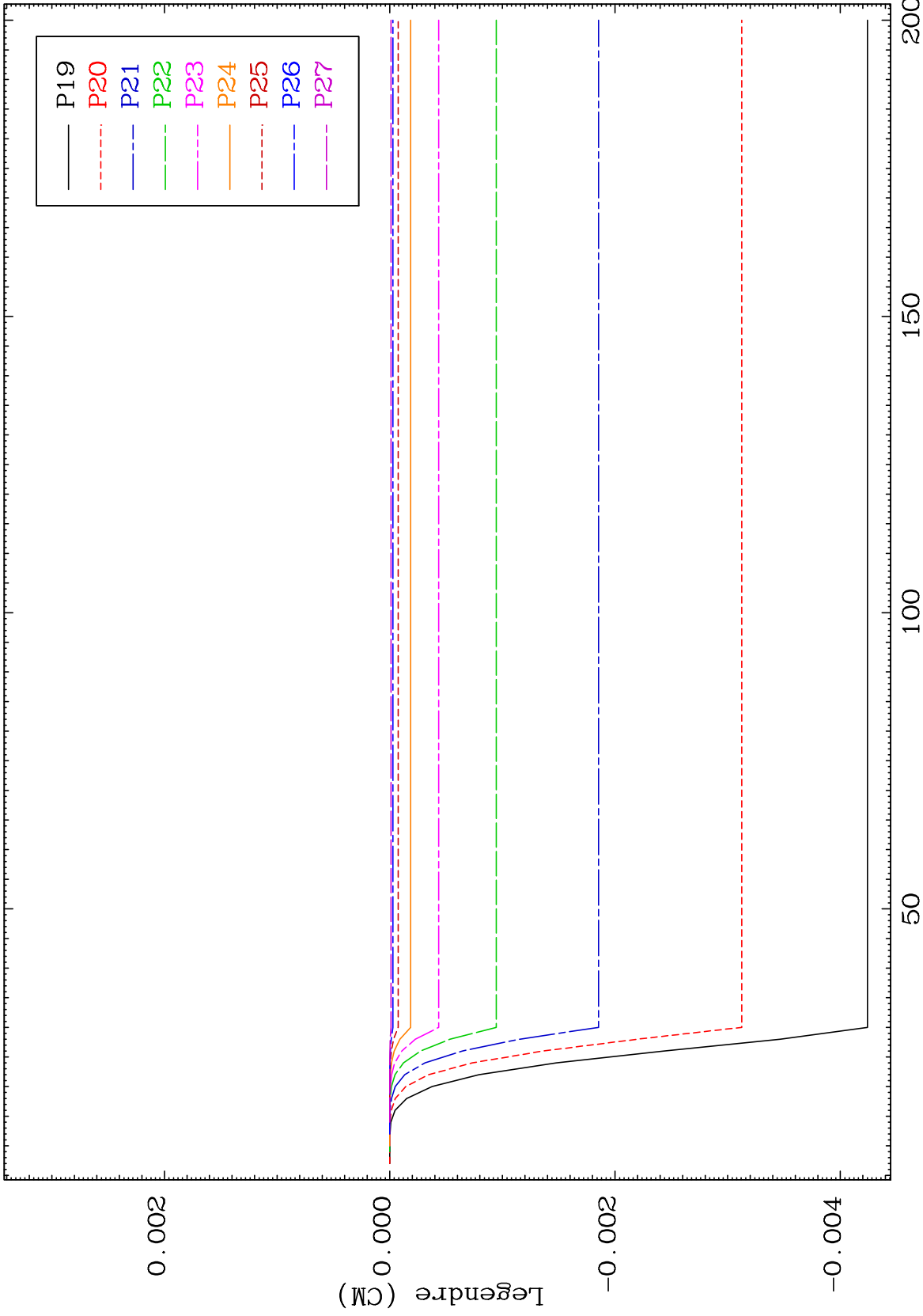
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



110

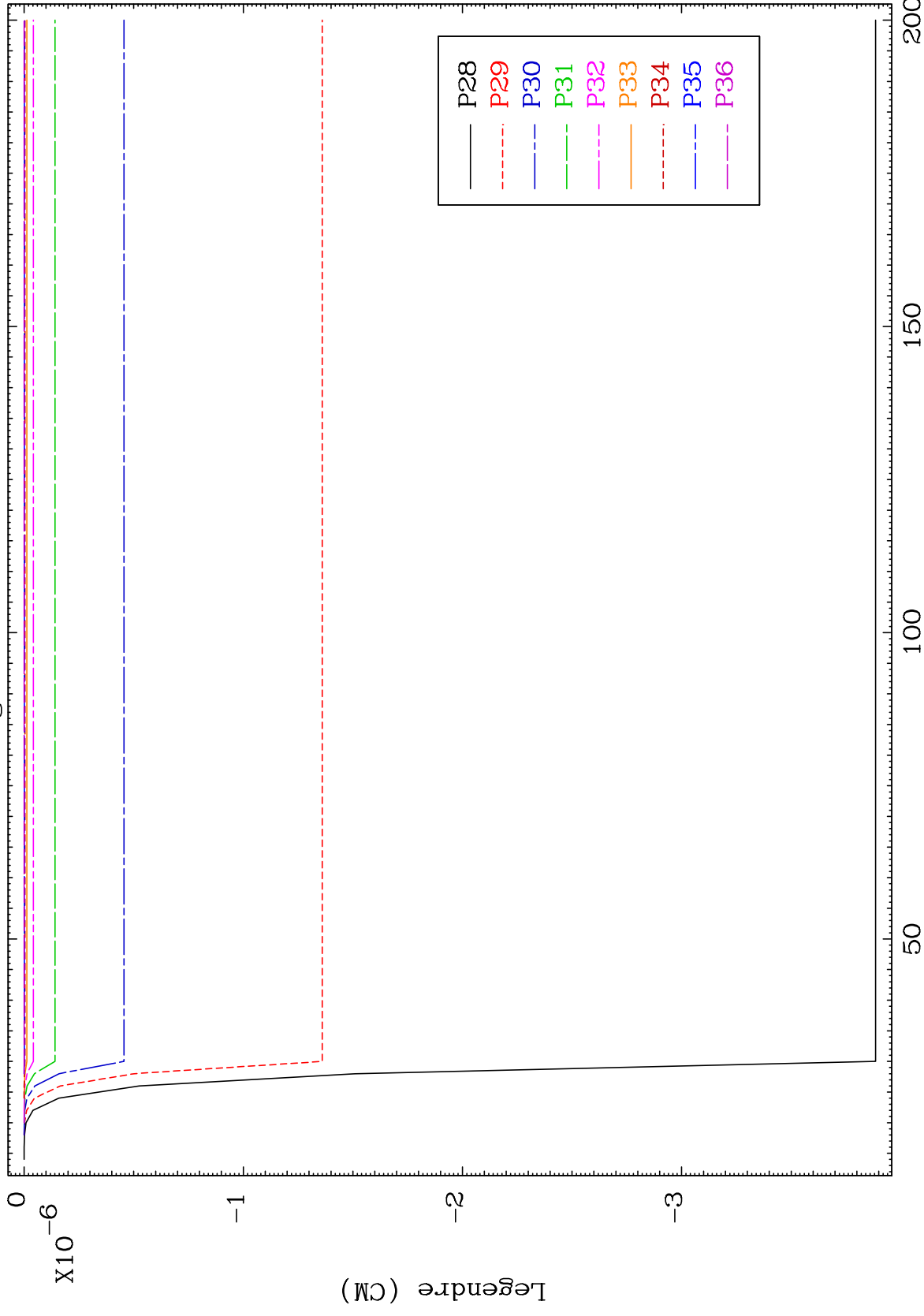
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



57-La-141

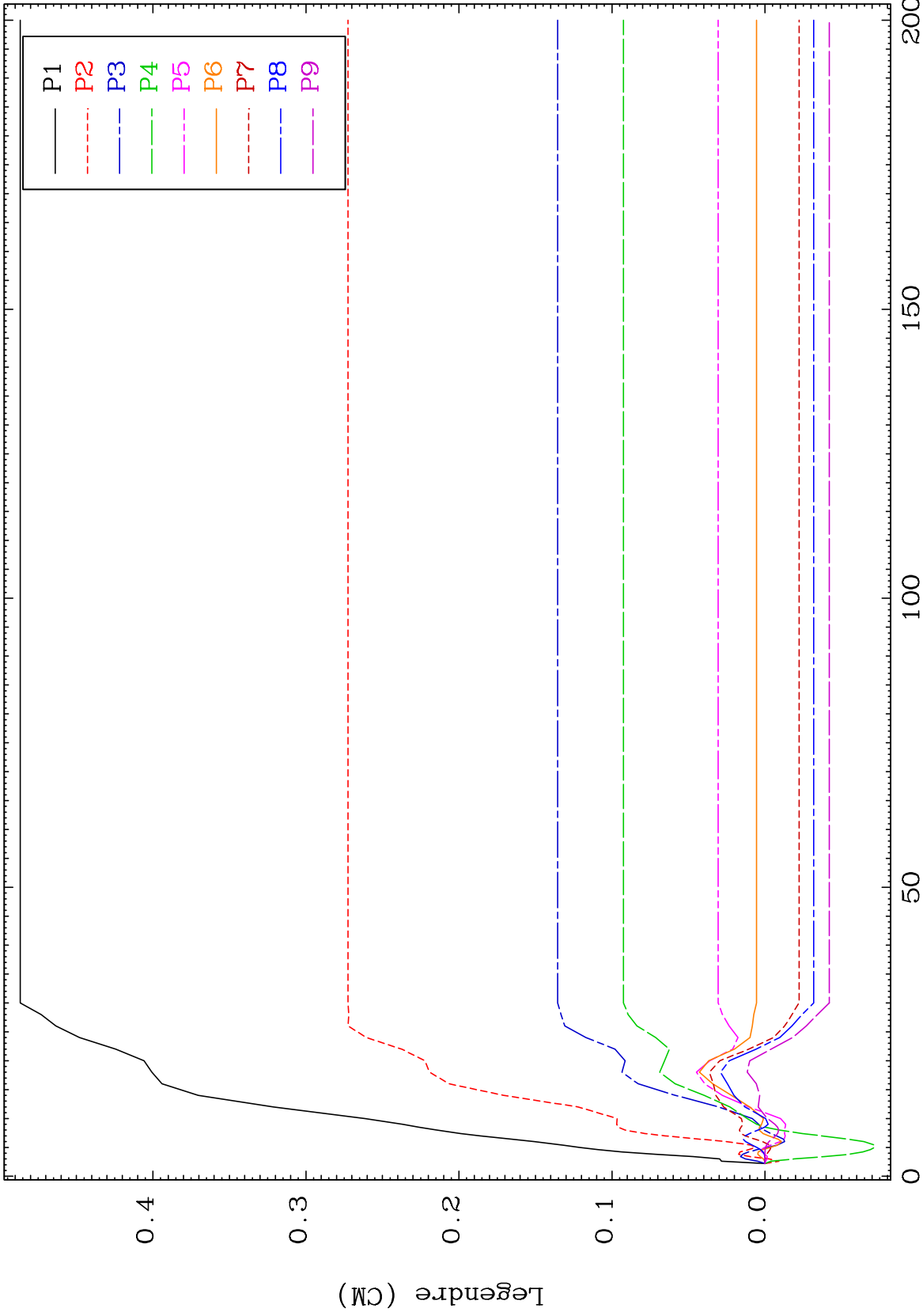
Incident Energy (MeV)

111

MAT 5734

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

57-La-141



112

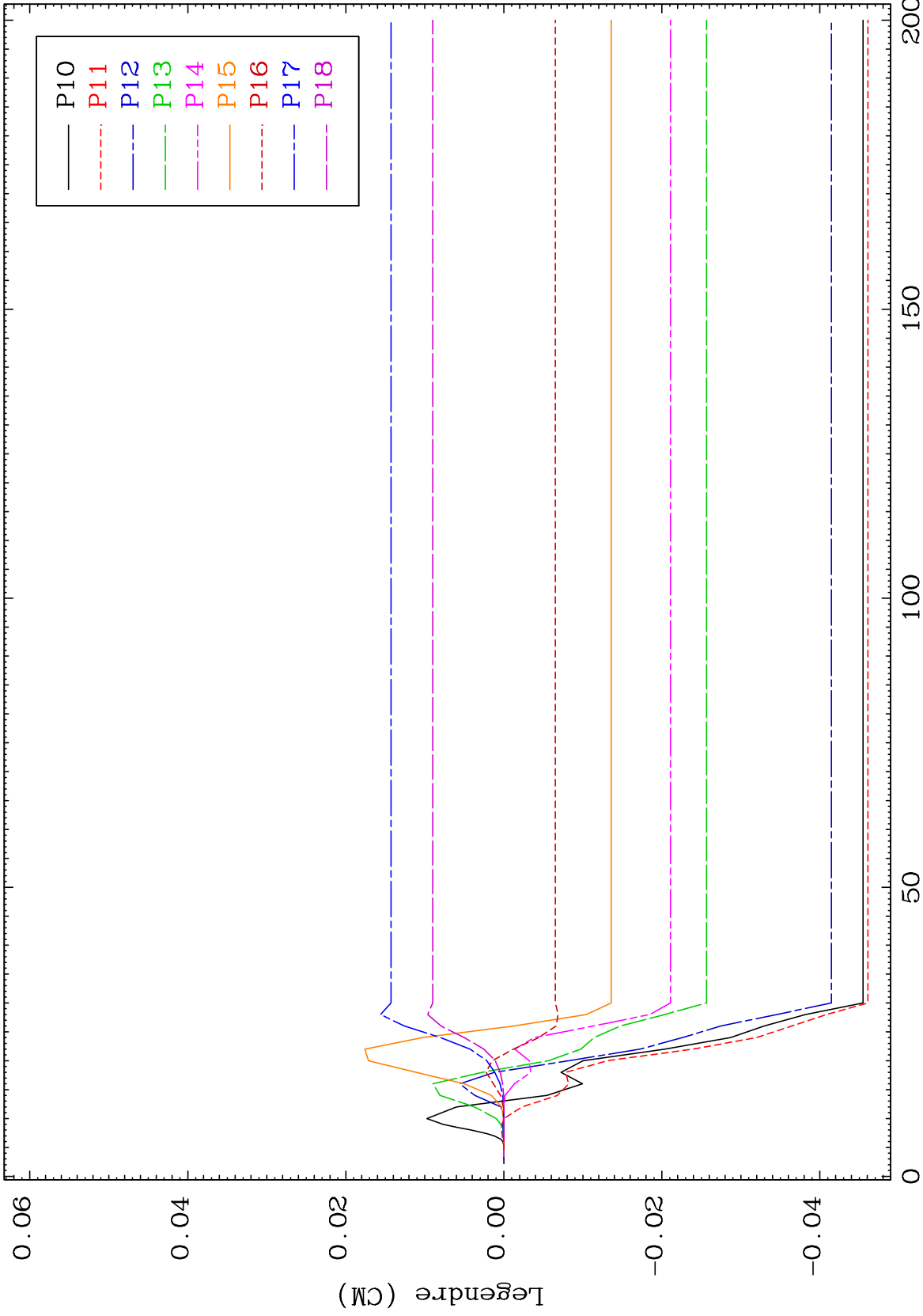
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



113

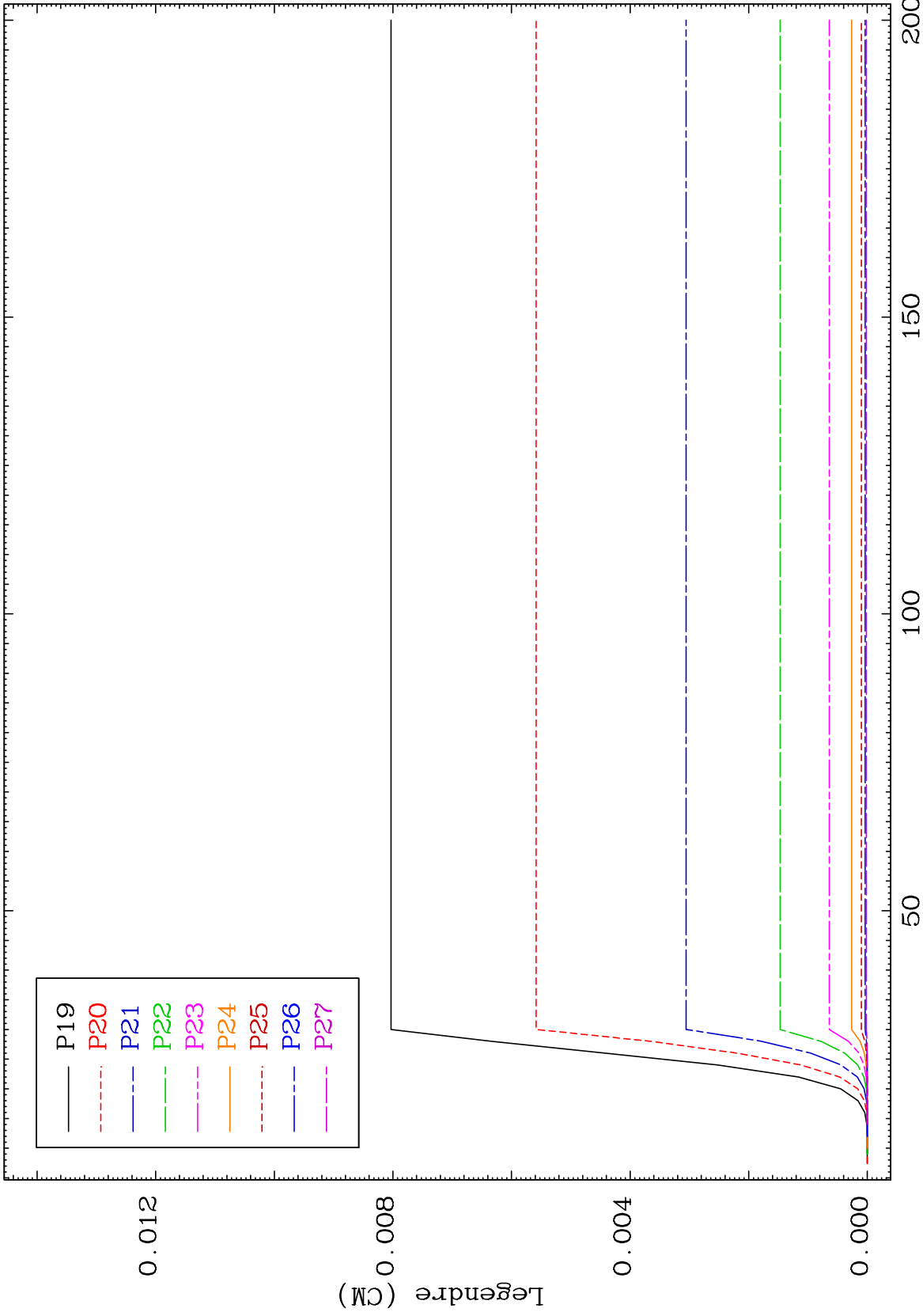
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



114

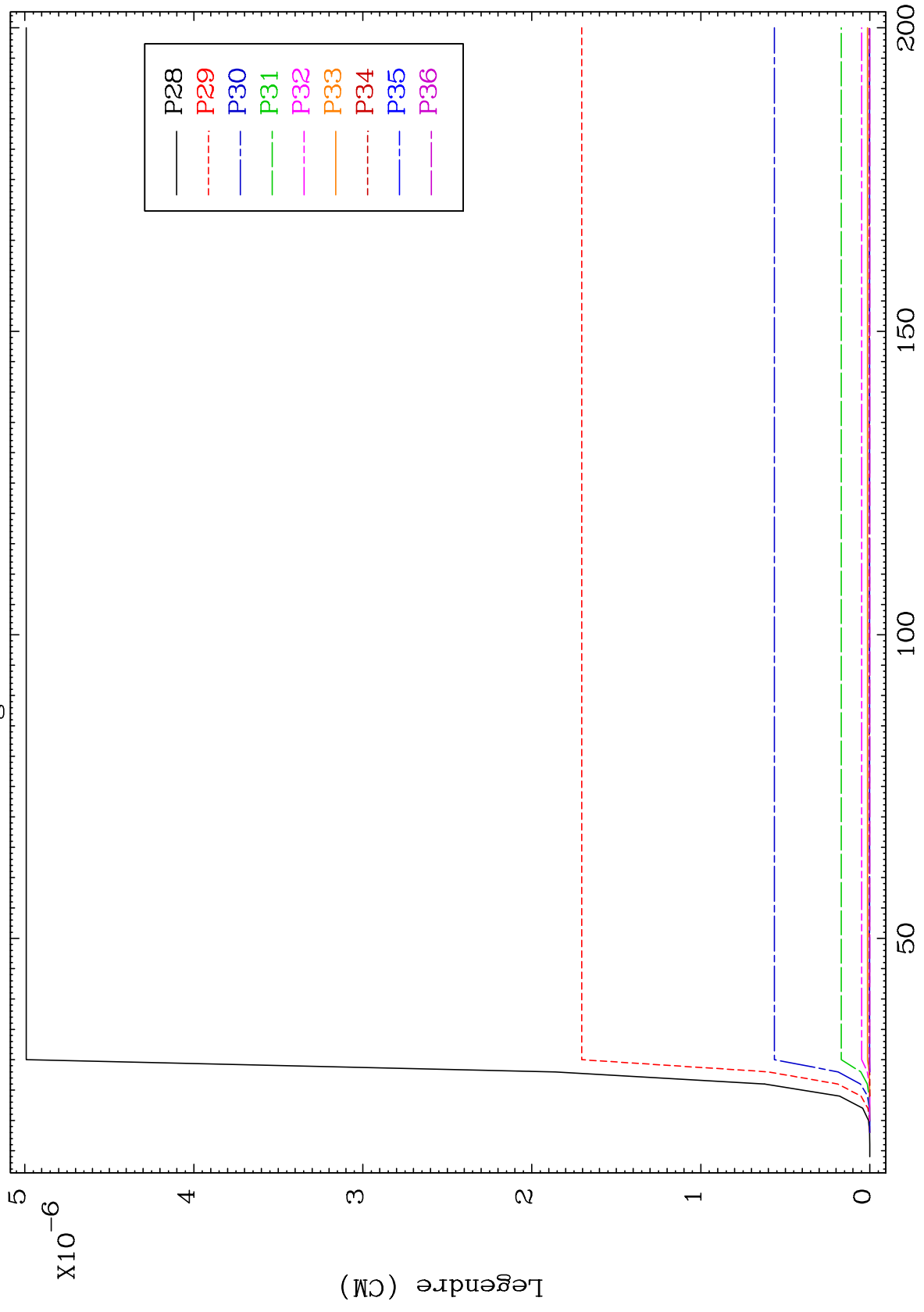
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



115

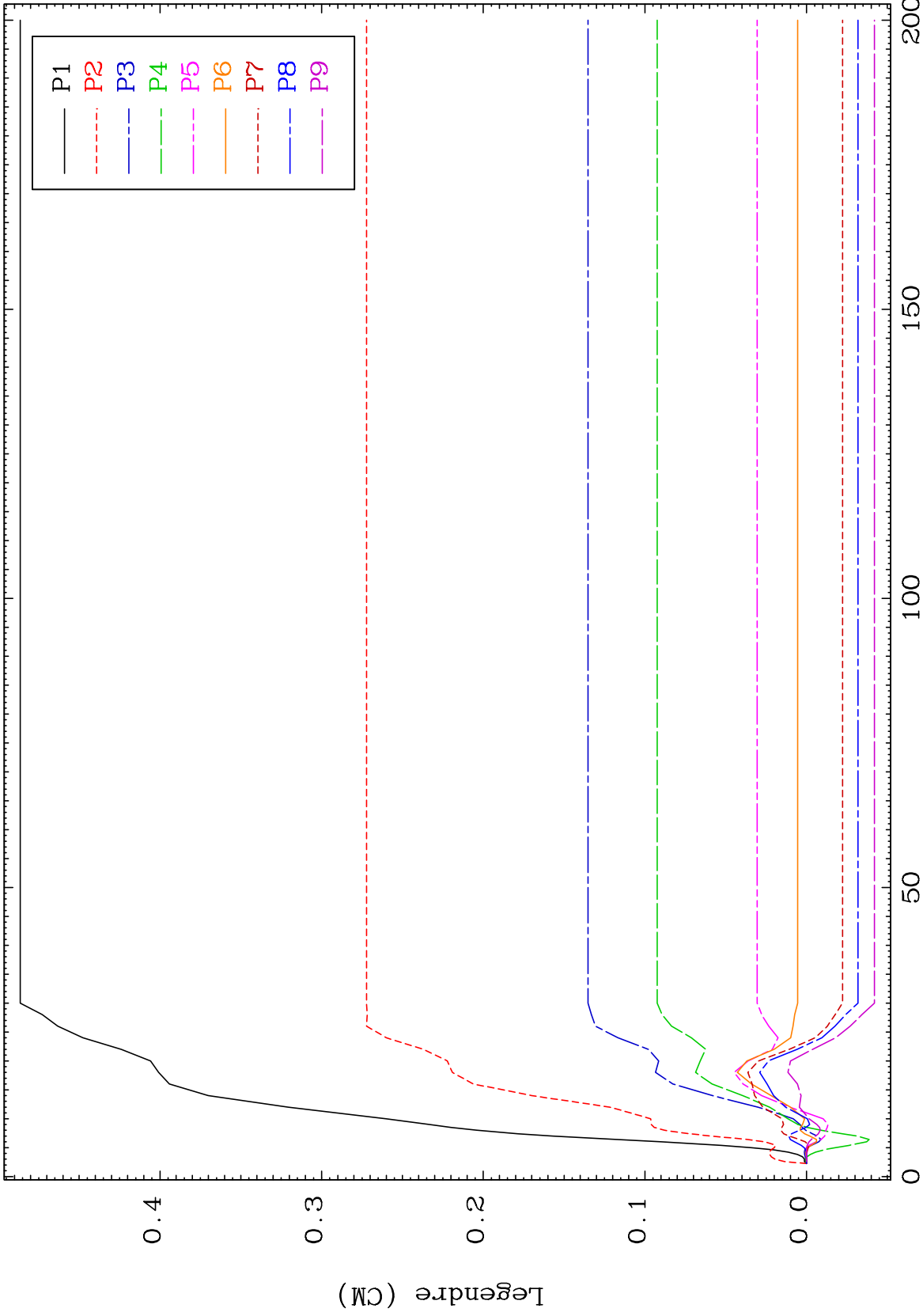
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



116

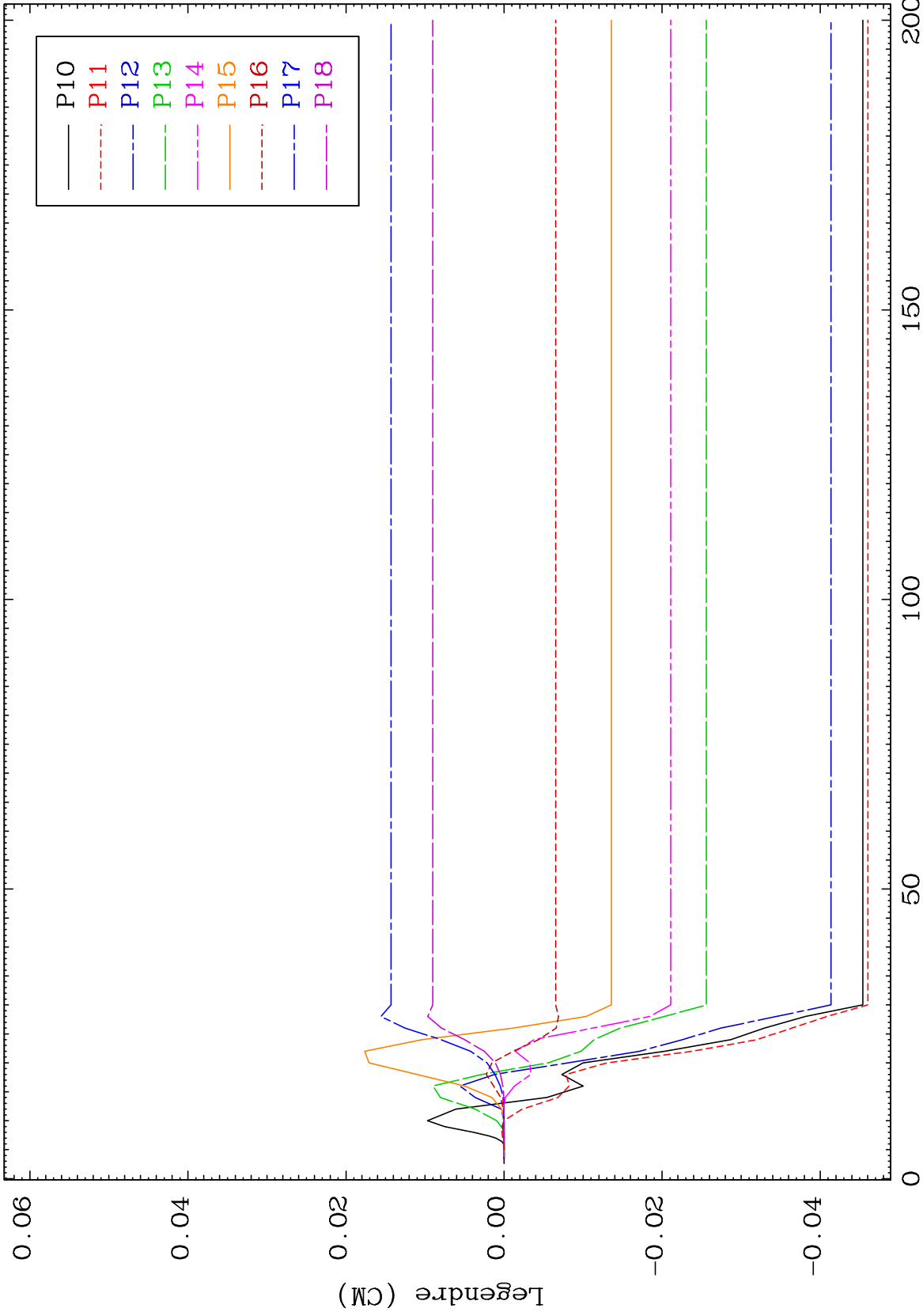
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



117

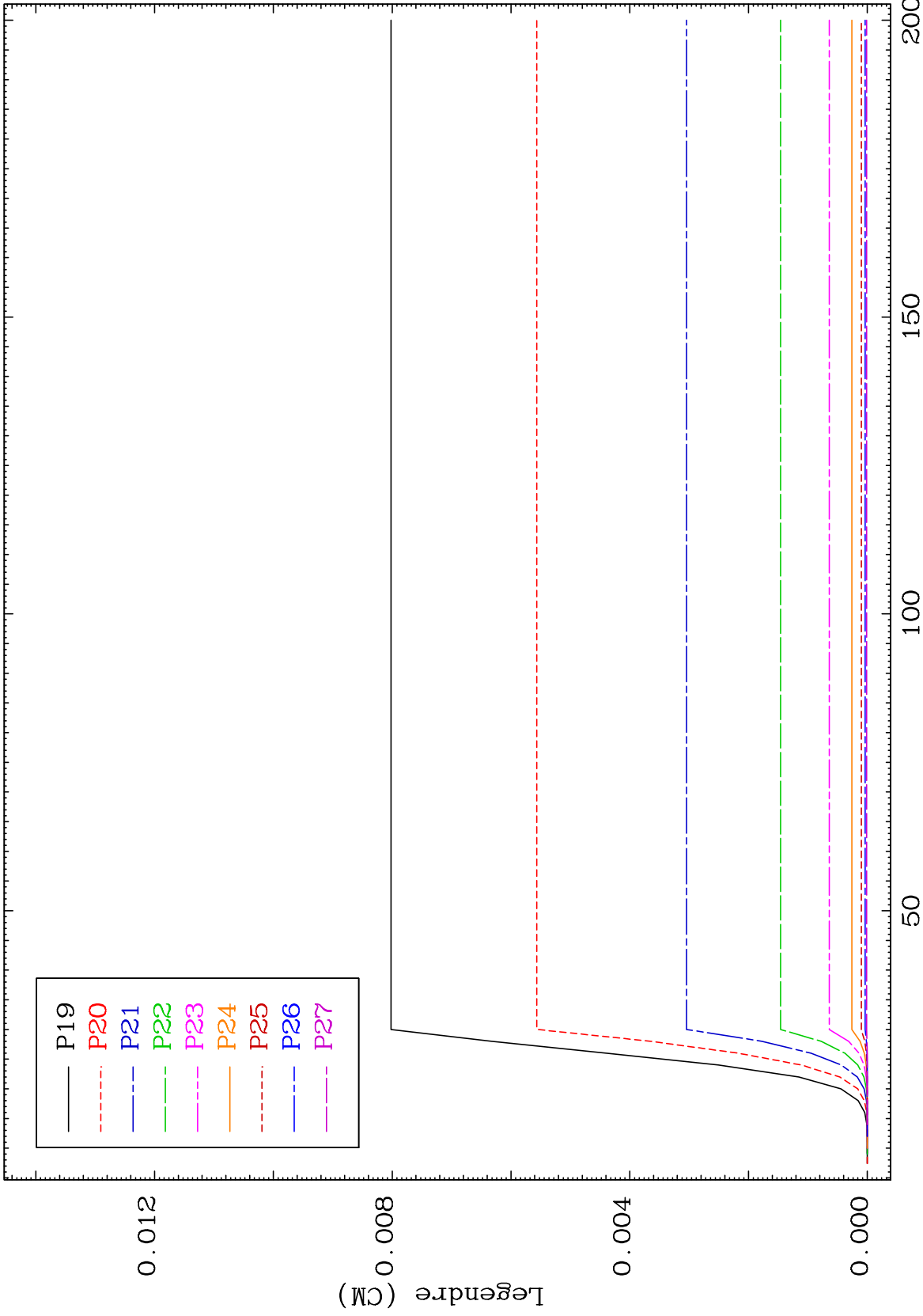
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



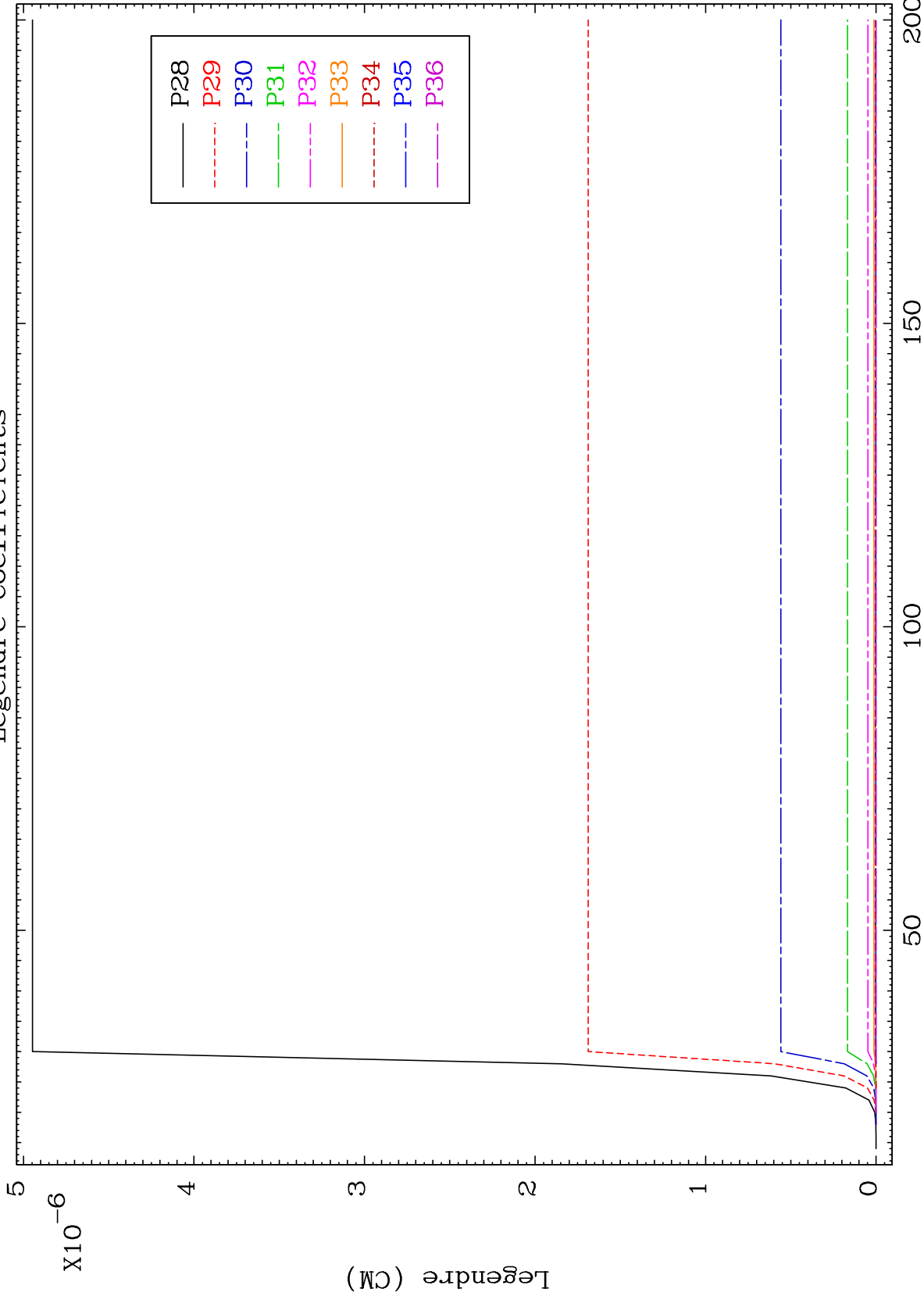
118

57-La-141

MAT 5734

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

57-La-141



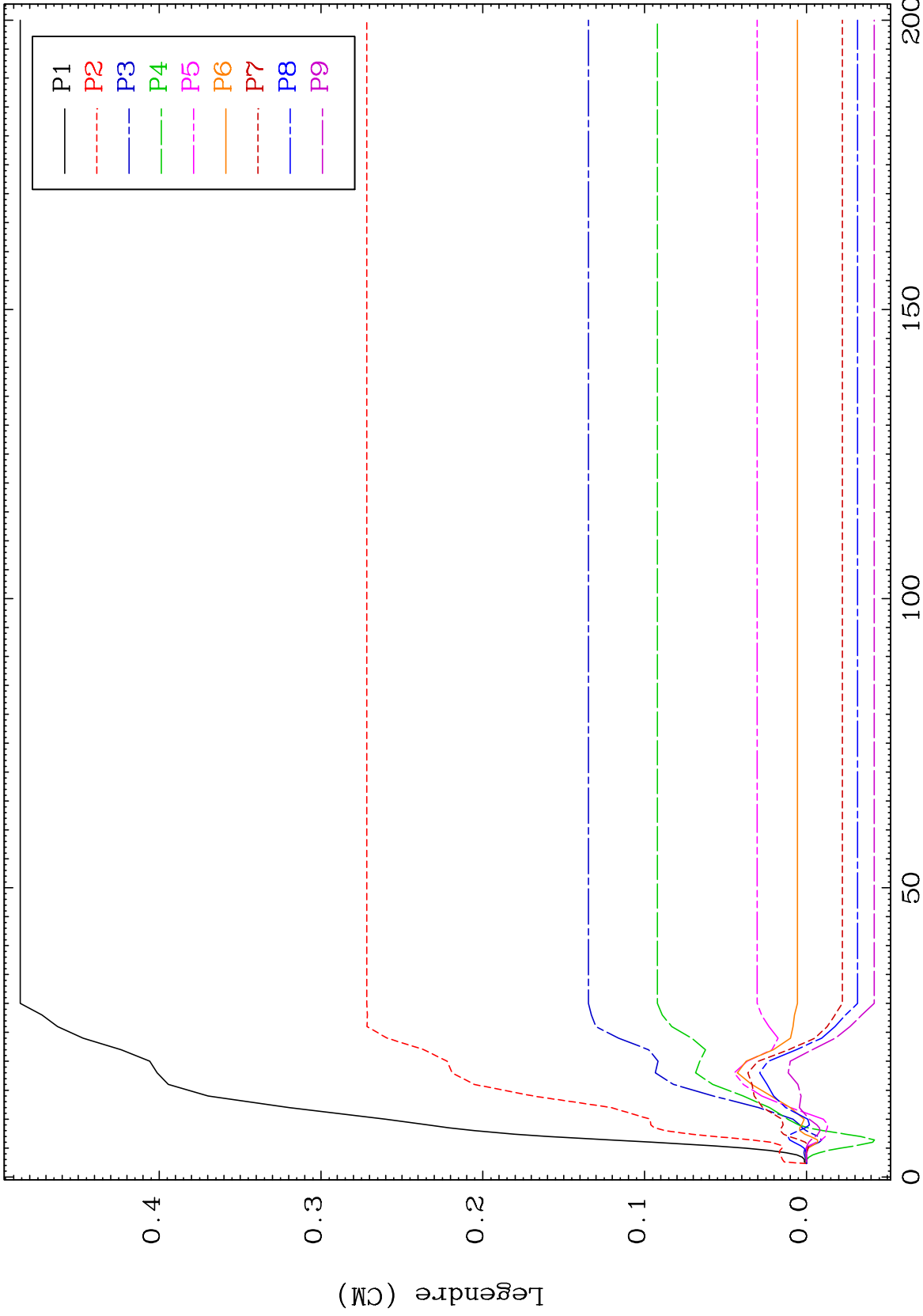
119

57-La-141

MAT 5734

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

57-La-141



57-La-141

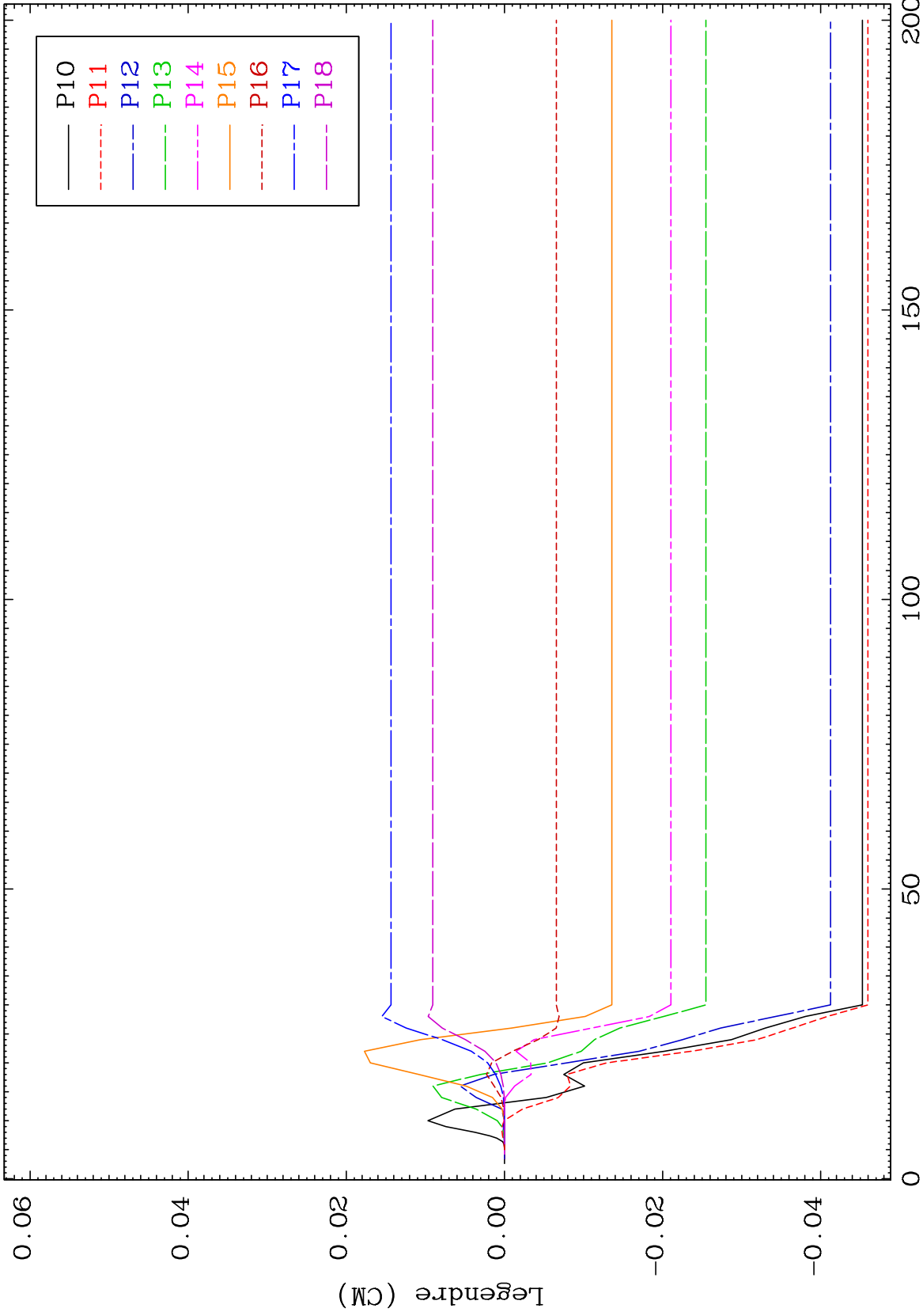
Incident Energy (MeV)

Legendre (CM)

MAT 5734

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

57-La-141



57-La-141

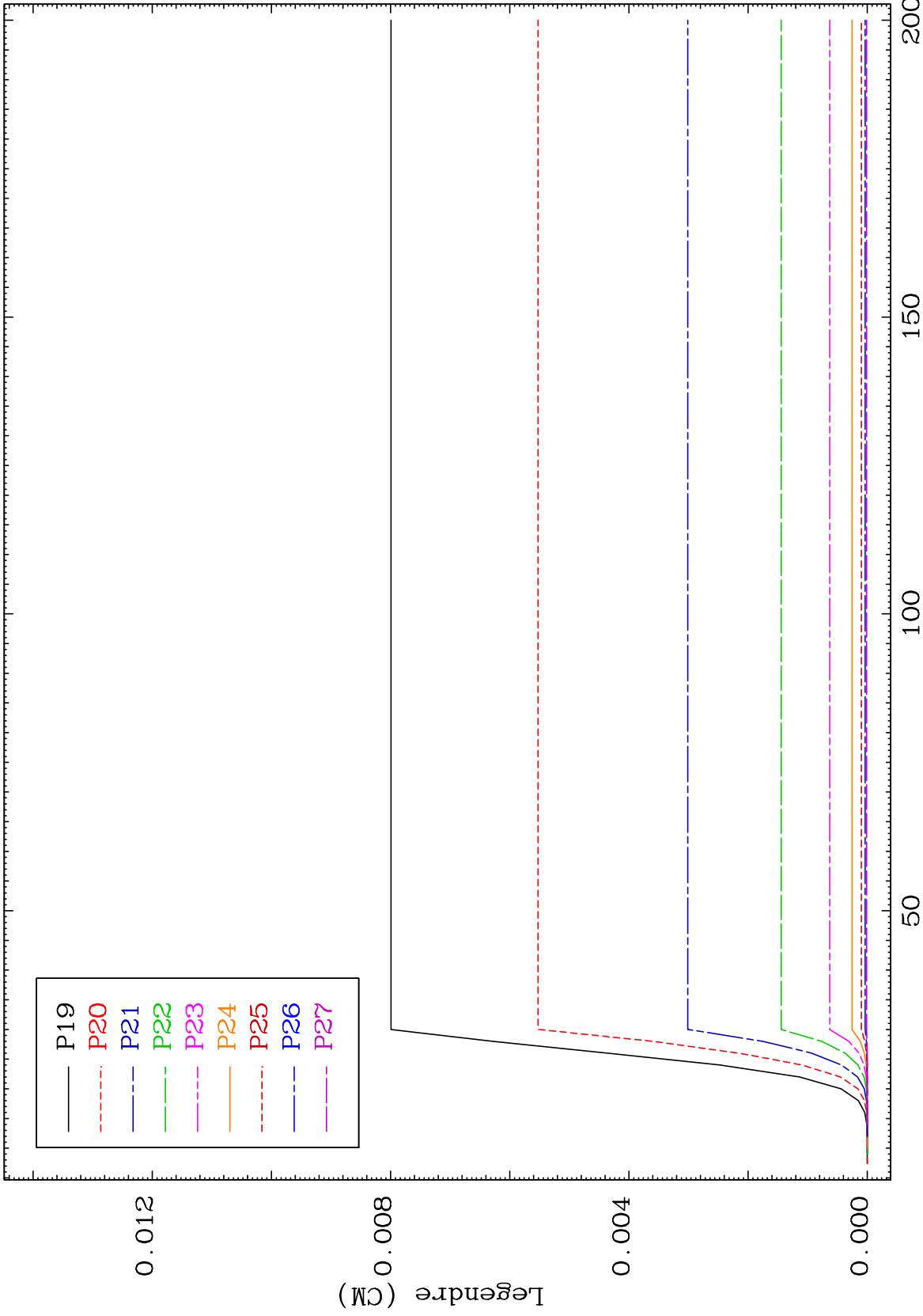
Incident Energy (MeV)

121

MAT 5734

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

57-La-141



122

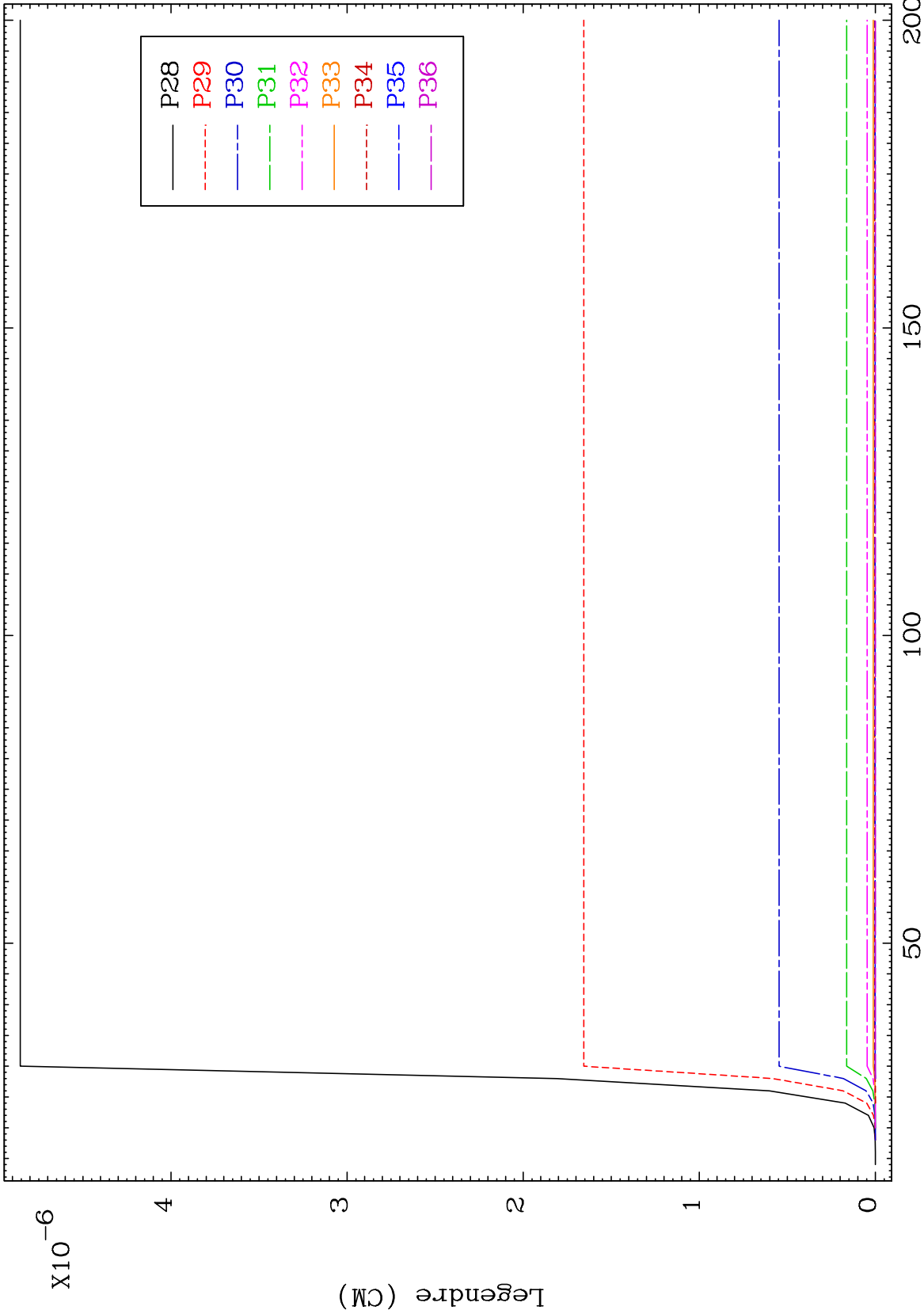
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



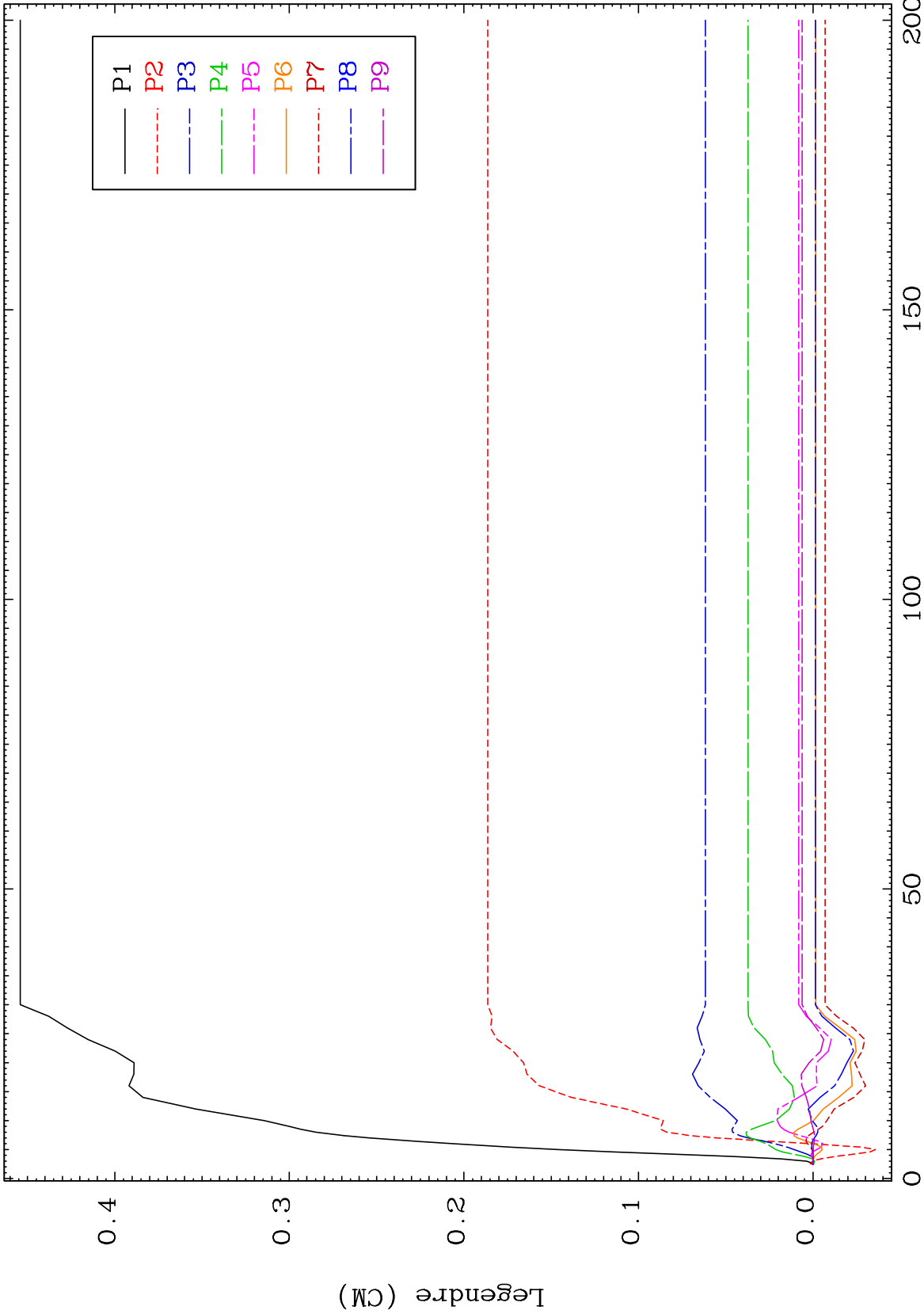
123

57-La-141

MAT 5734

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

57-La-141



57-La-141

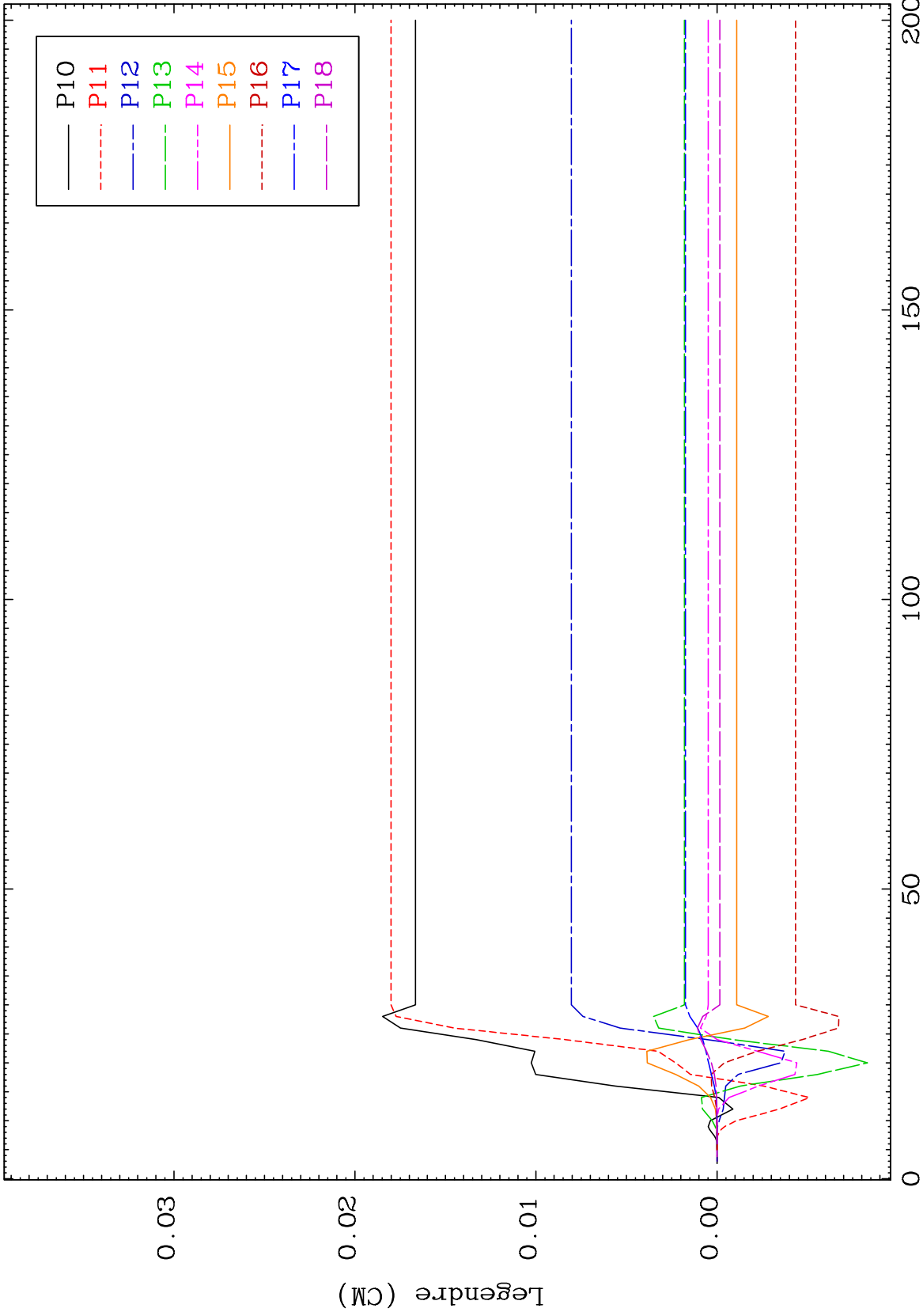
Incident Energy (MeV)

124

MAT 5734

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

57-La-141



125

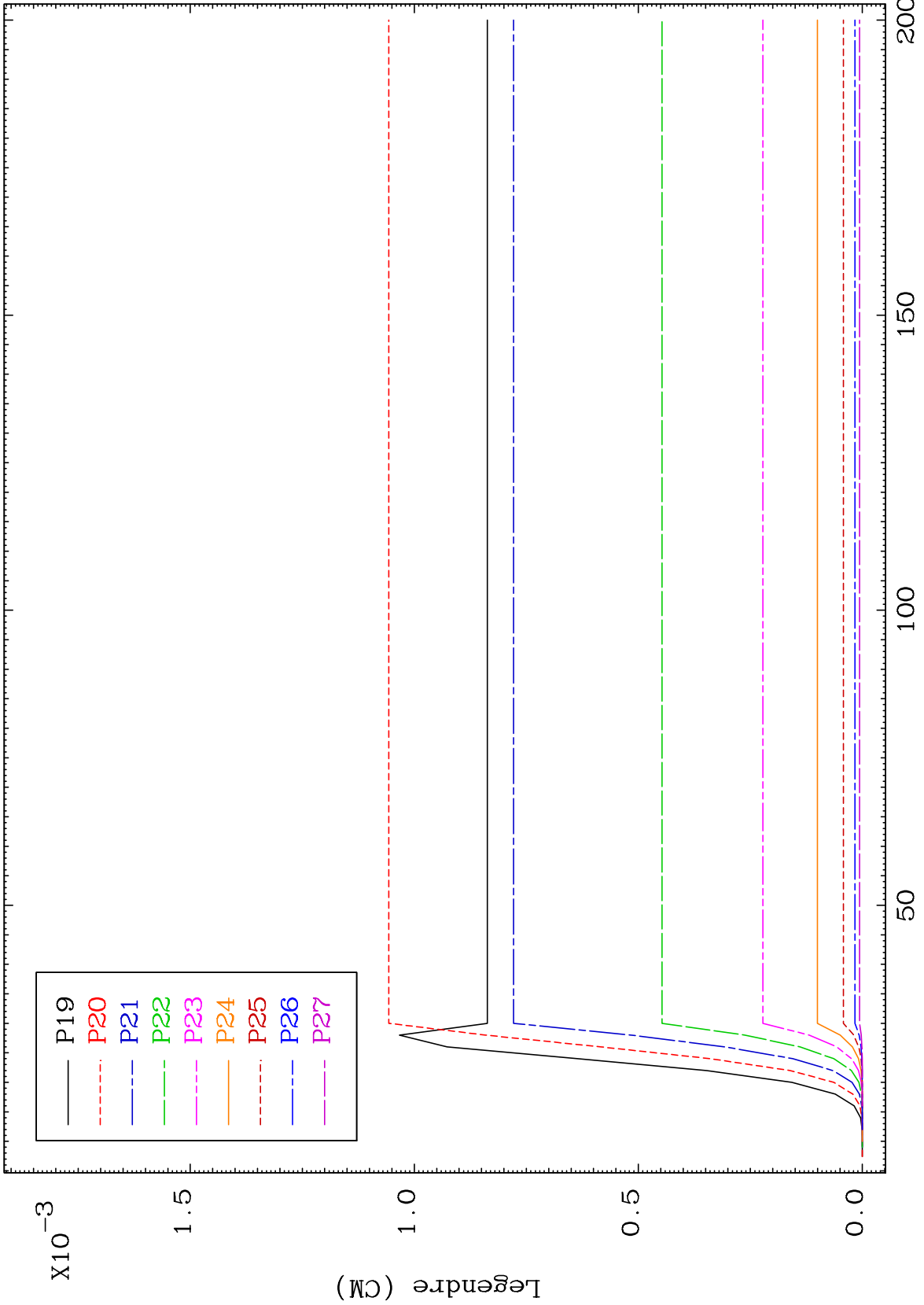
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



126

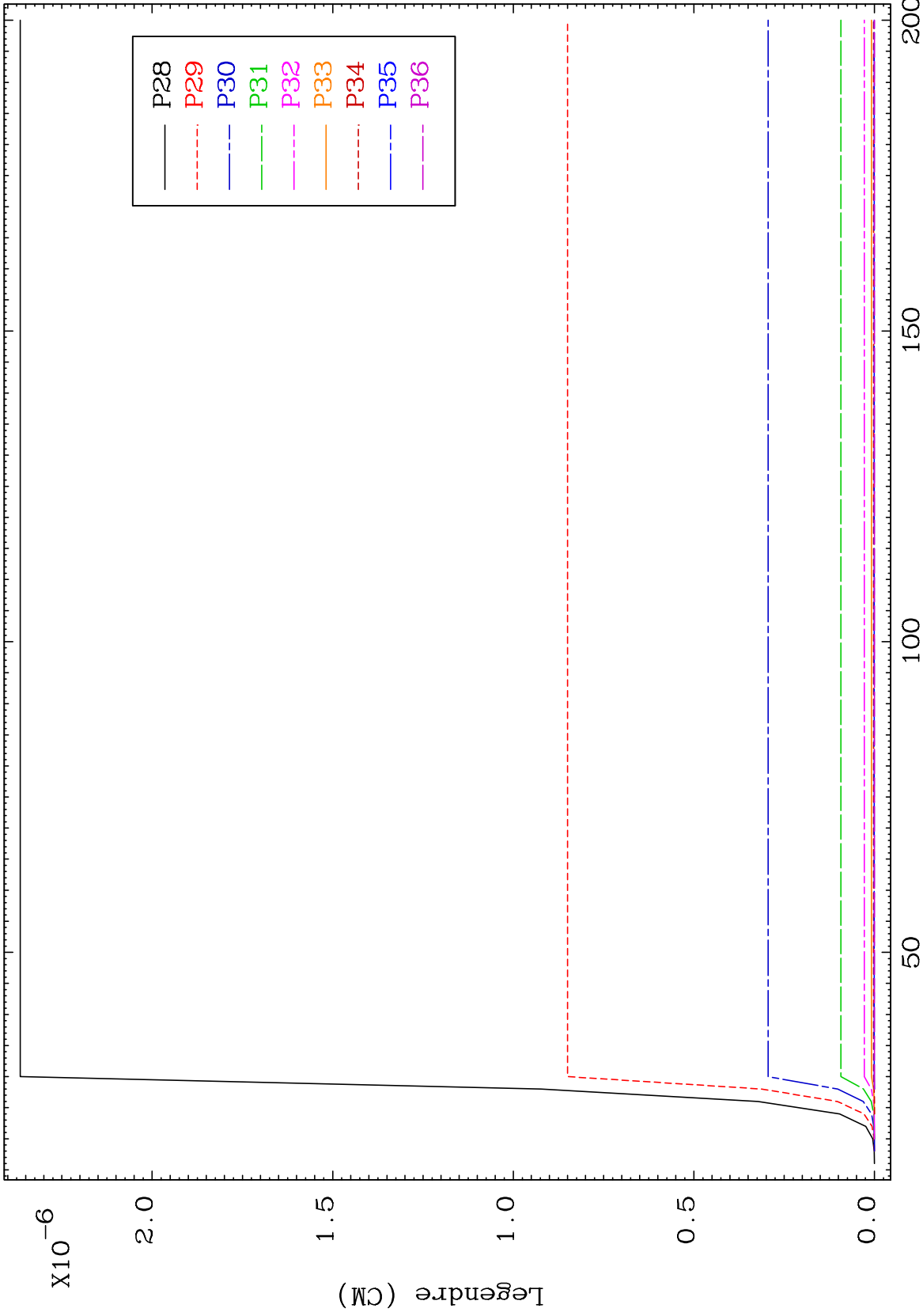
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



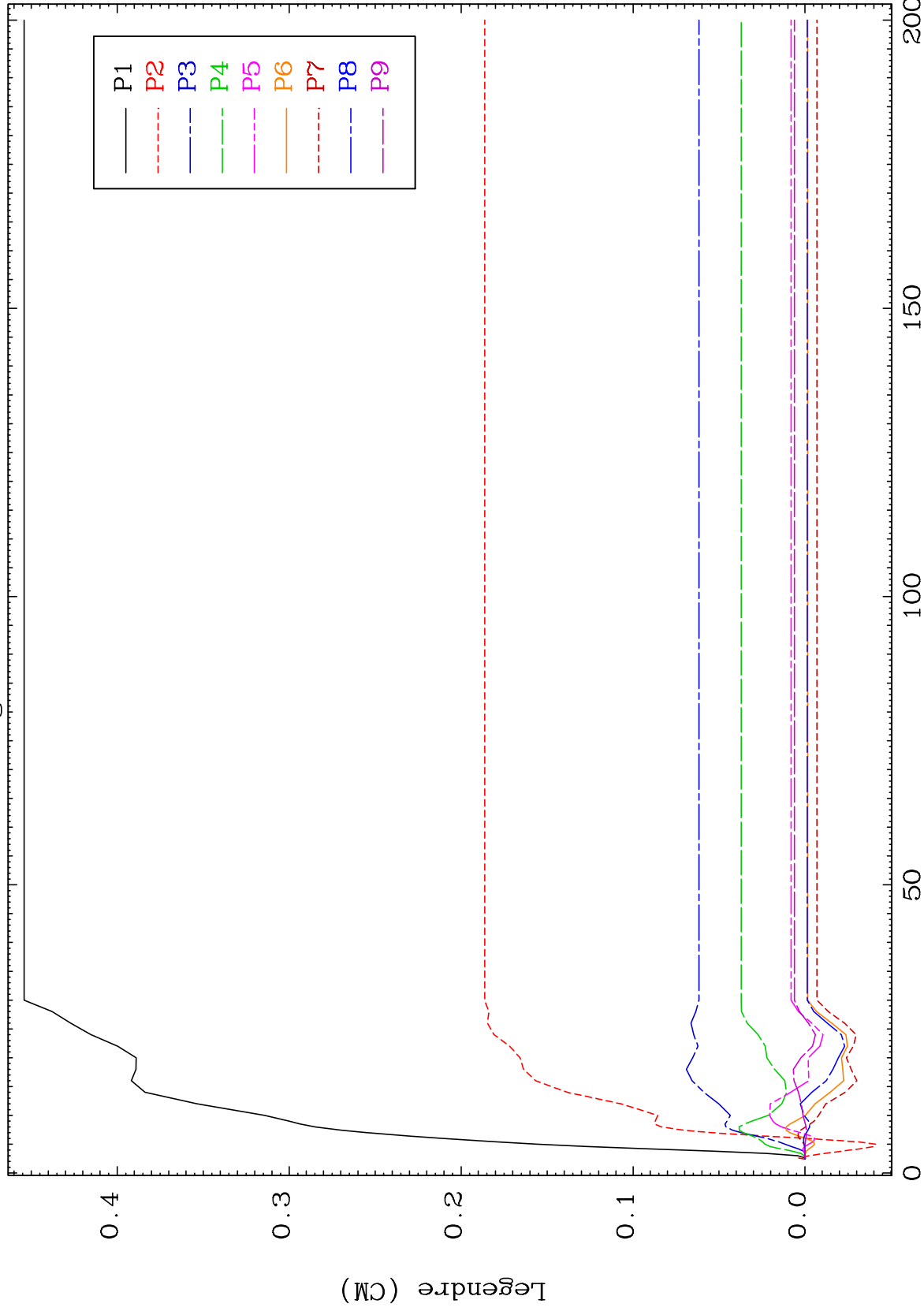
127

57-La-141

MAT 5734

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

57-La-141



128

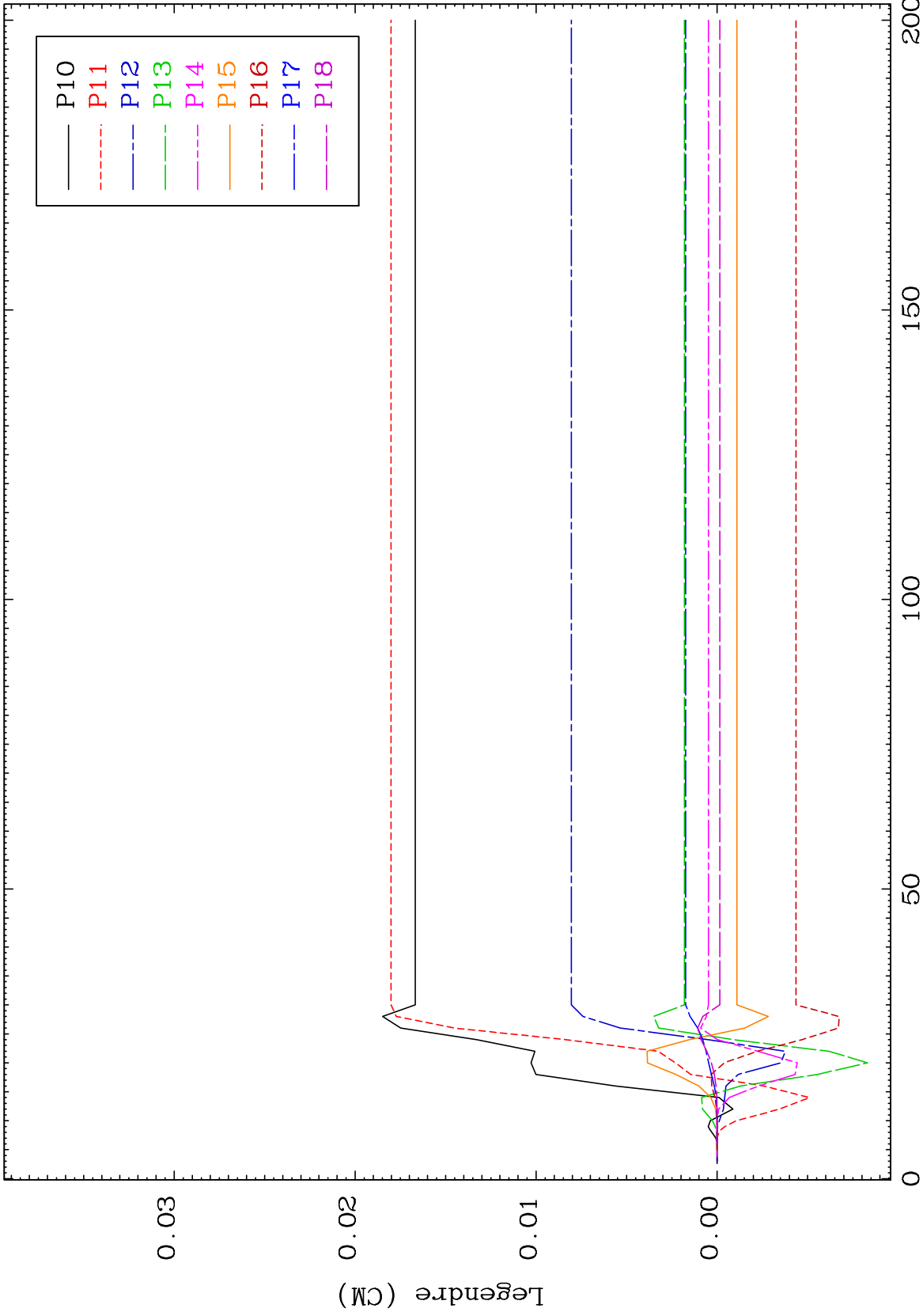
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



129

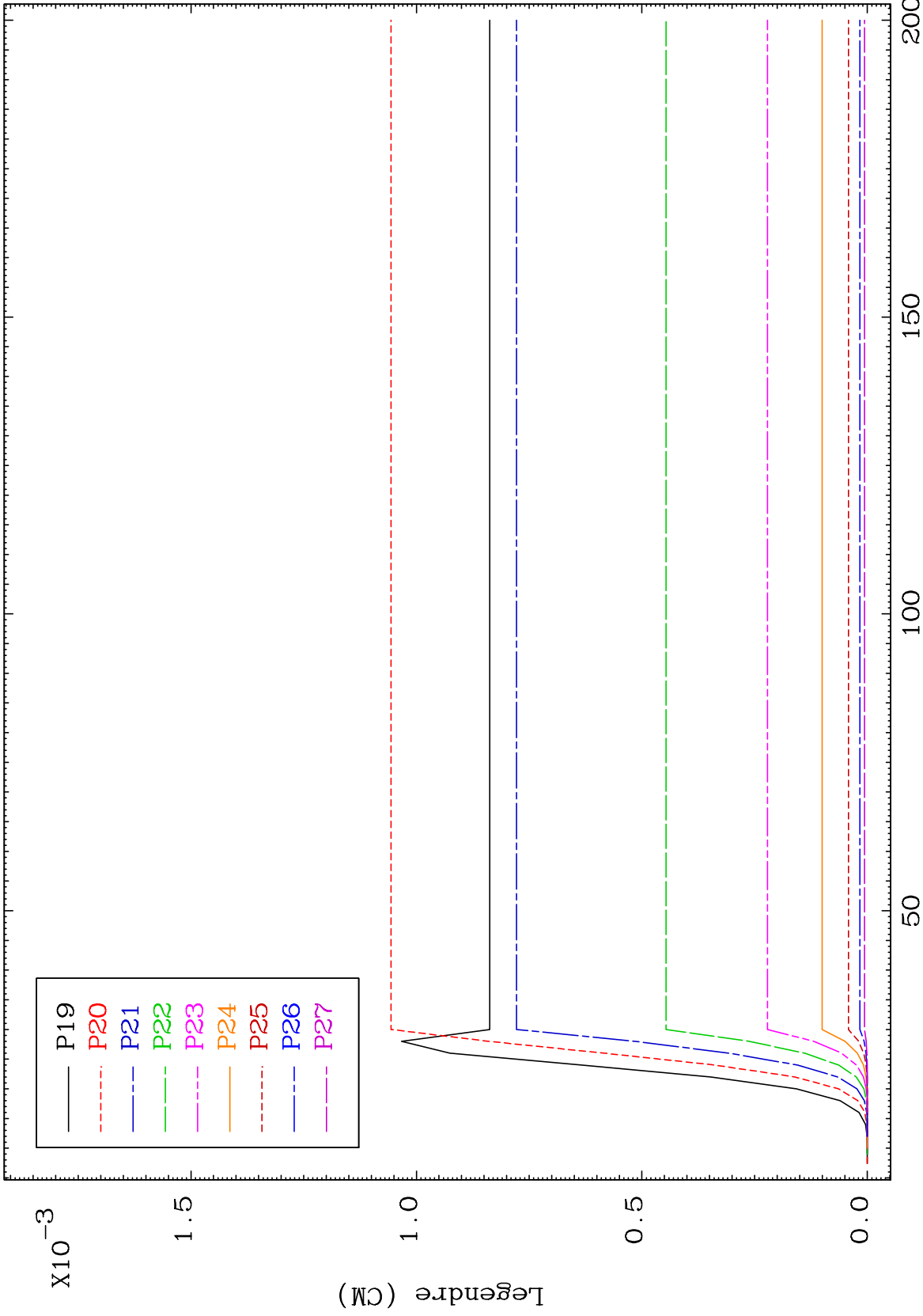
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



130

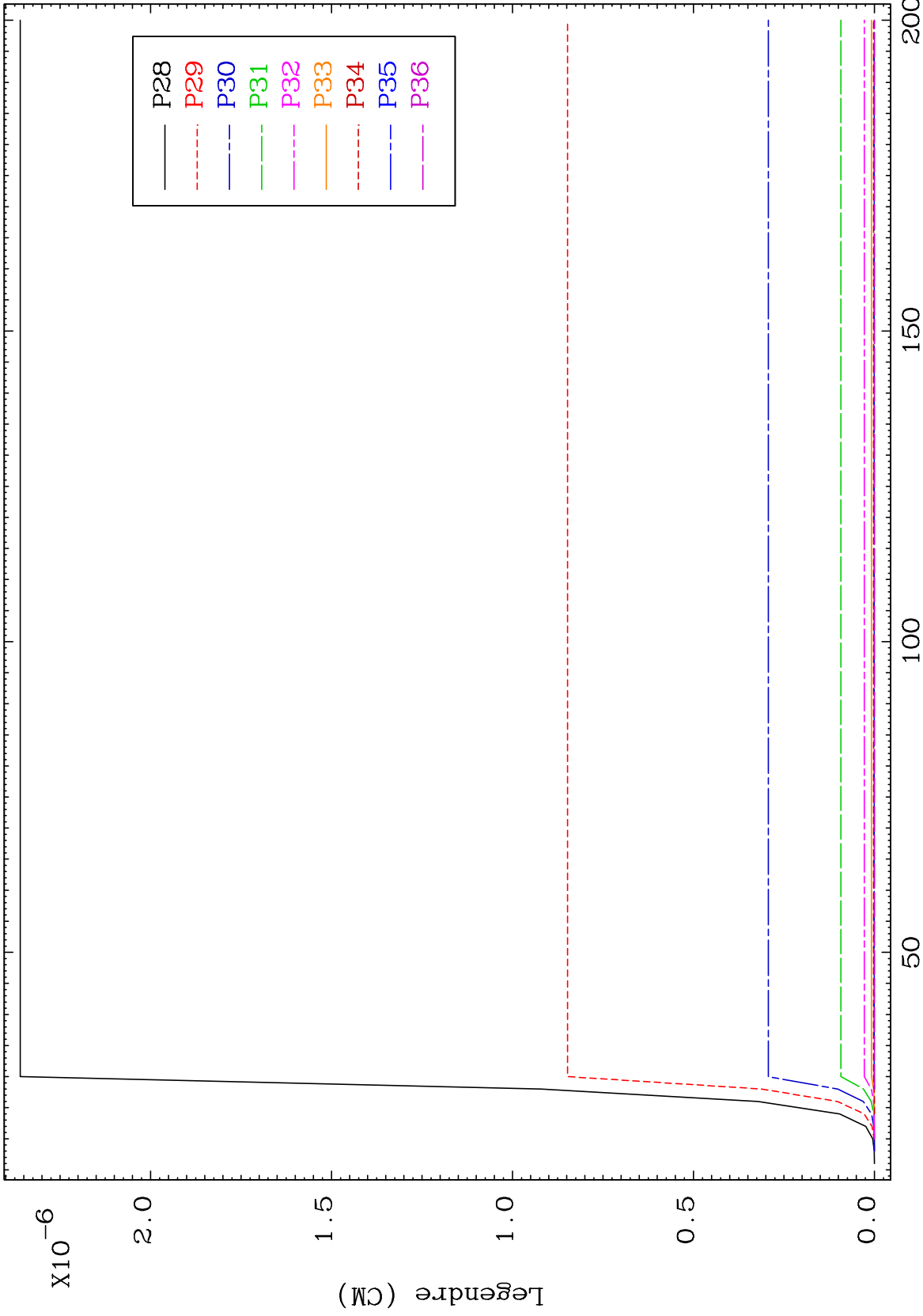
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



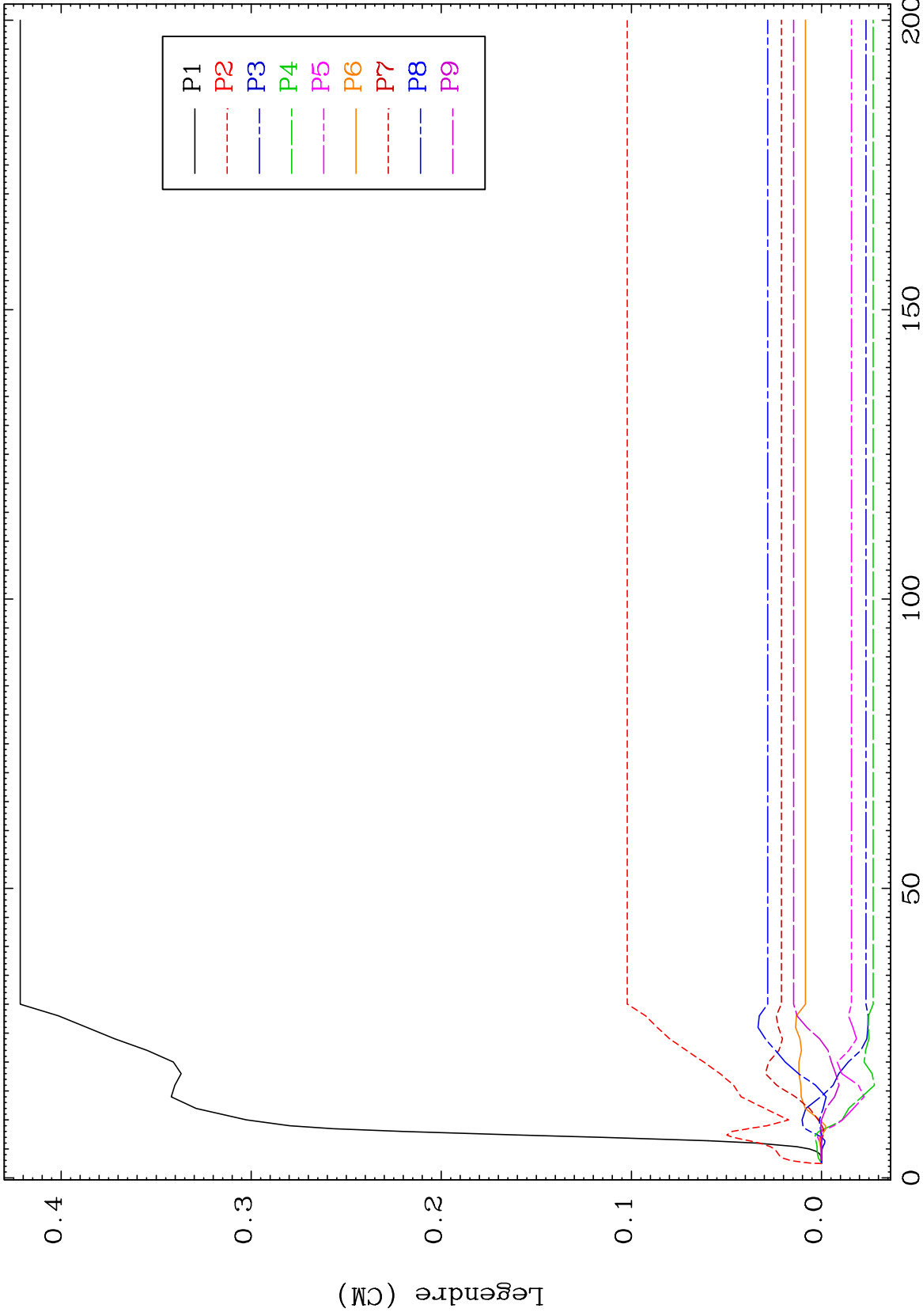
131

57-La-141

MAT 5734

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

57-La-141



132

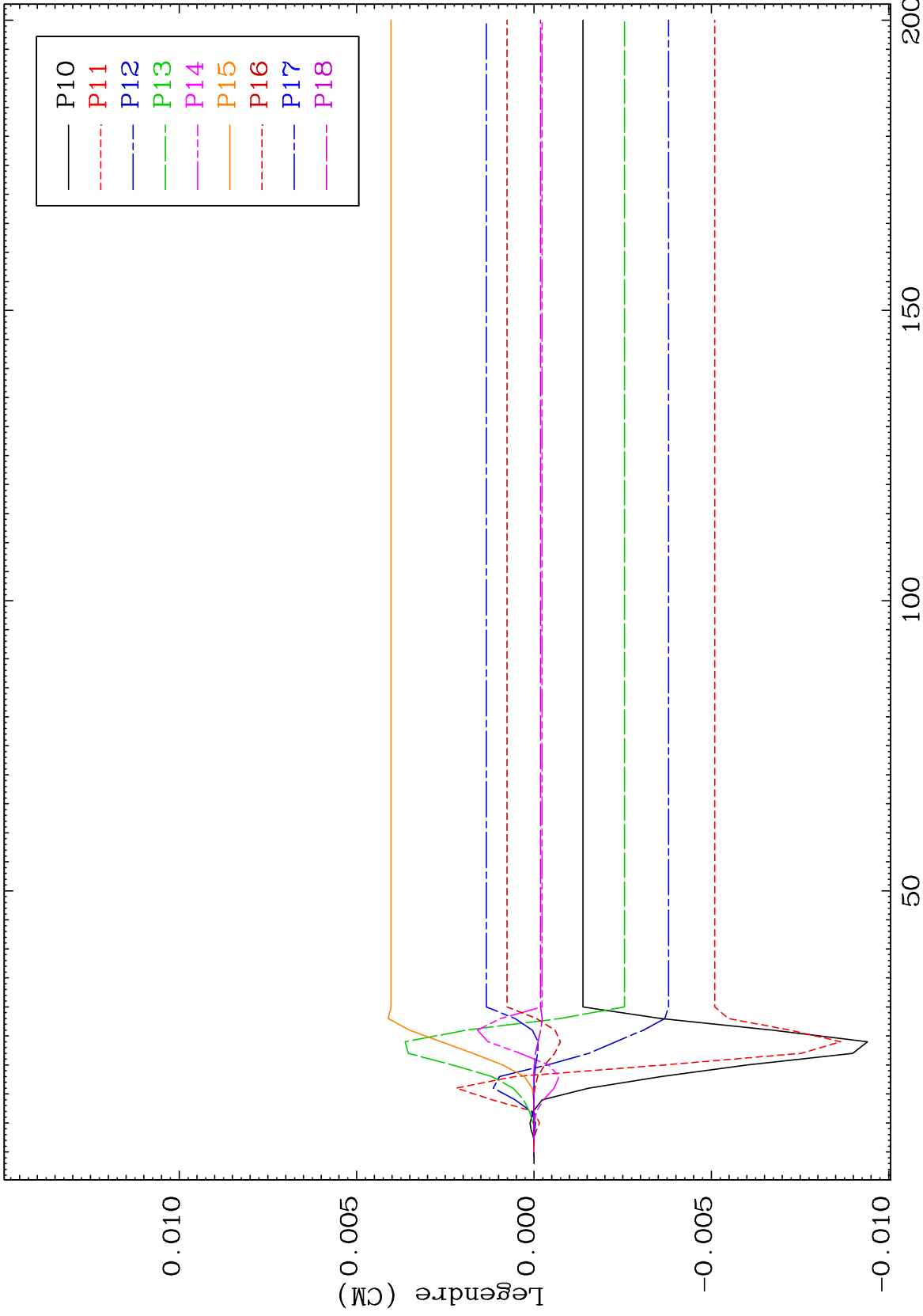
Incident Energy (MeV)

57-La-141

MAT 5734

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

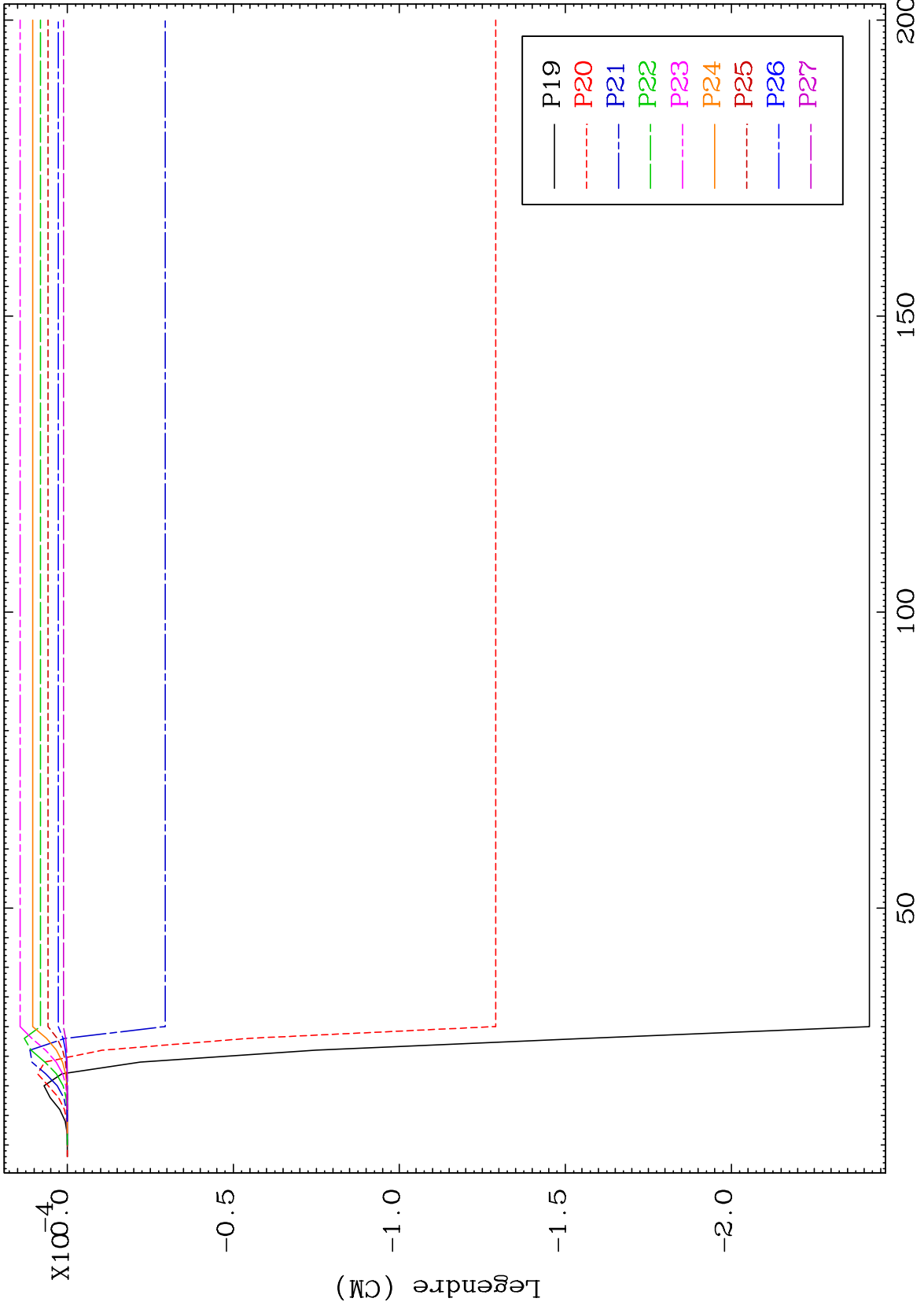
57-La-141



133

57-La-141

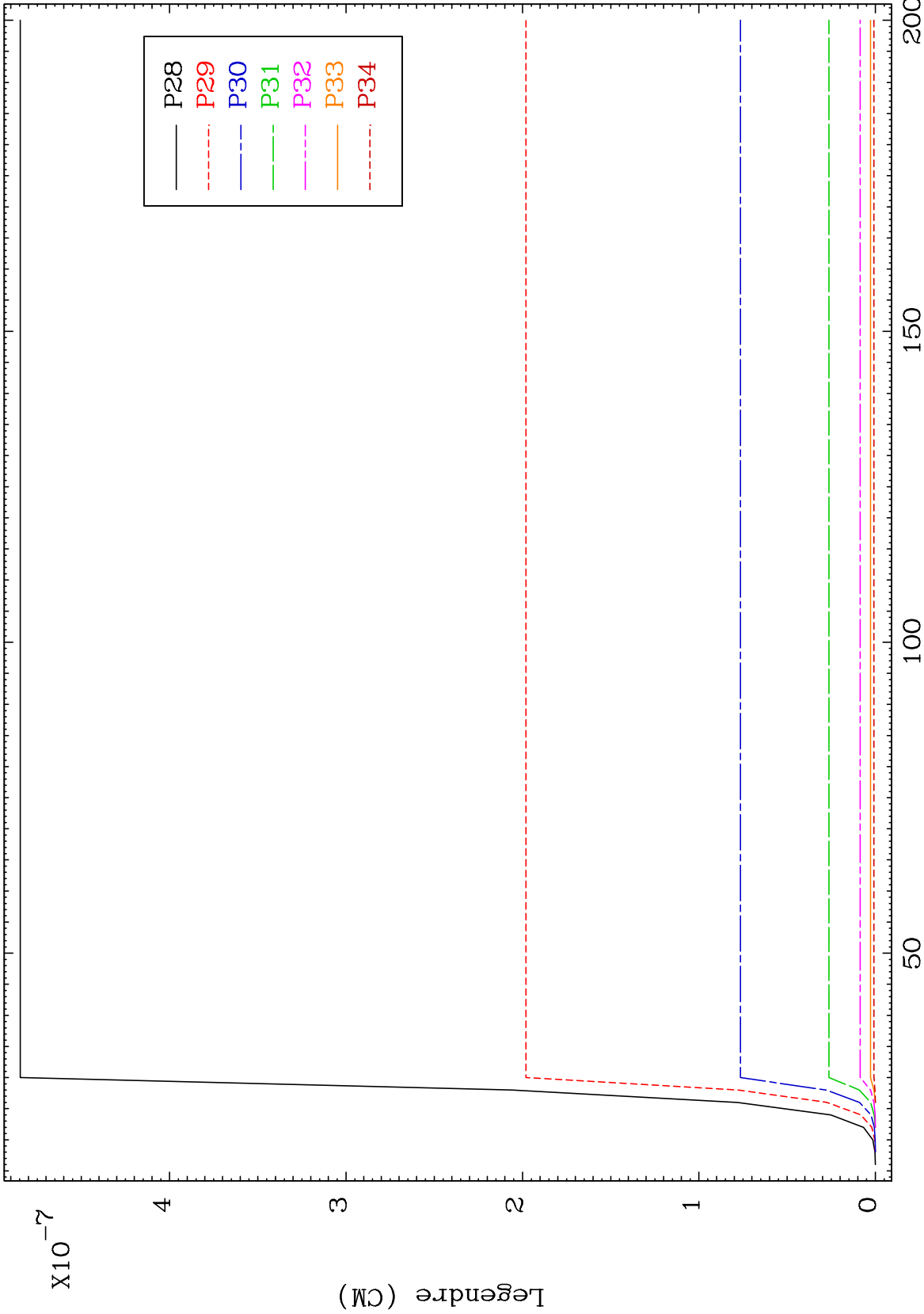
MAT 5734 MT= 80 (n,n') Level Legendre Coefficients 57-La-141



MAT 5734

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

57-La-141



135

Incident Energy (MeV)

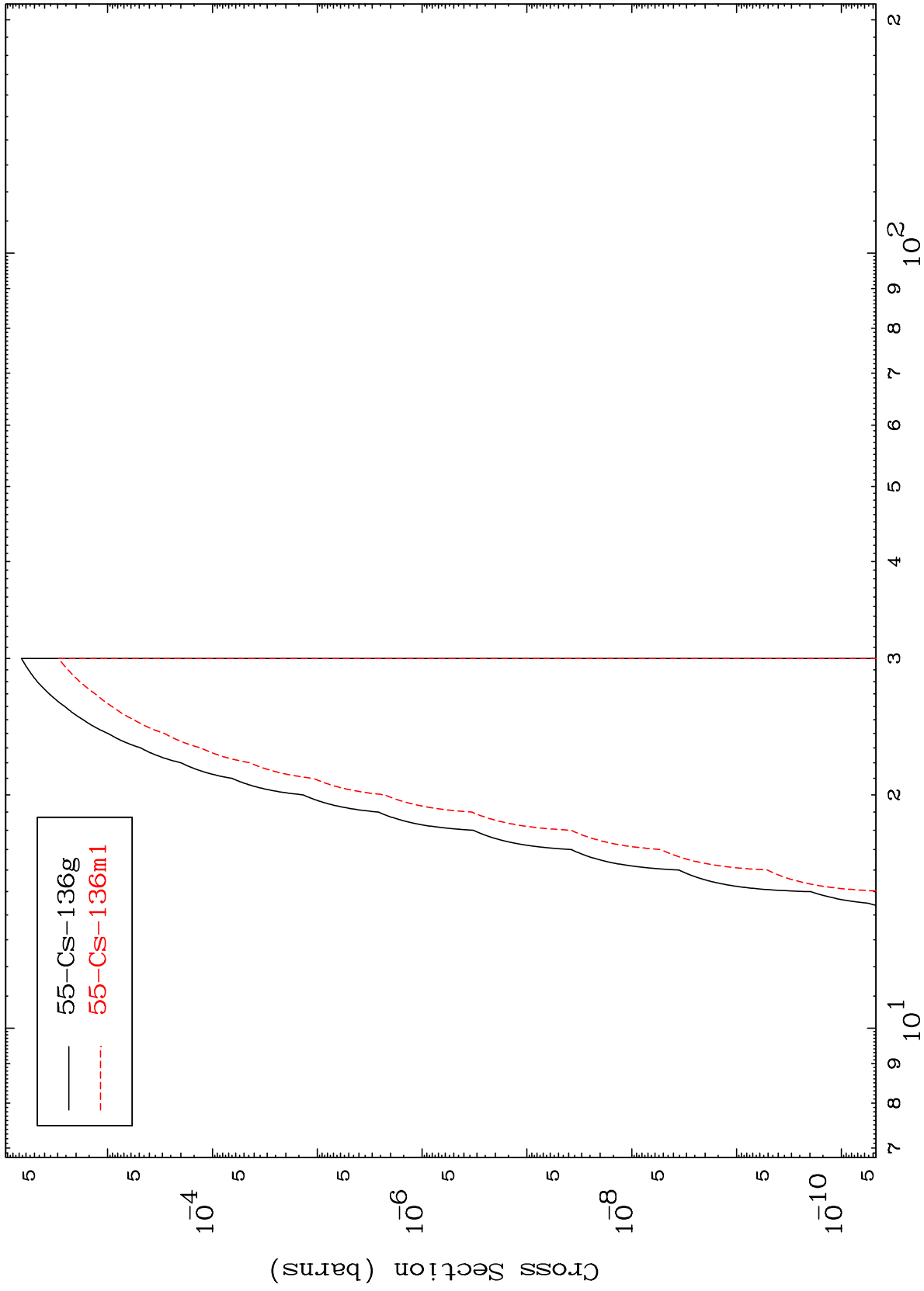
57-La-141

MAT 5734

(n,2n) α

57-La-141

Radionuclide Production Cross Section



136

Incident Energy (MeV)

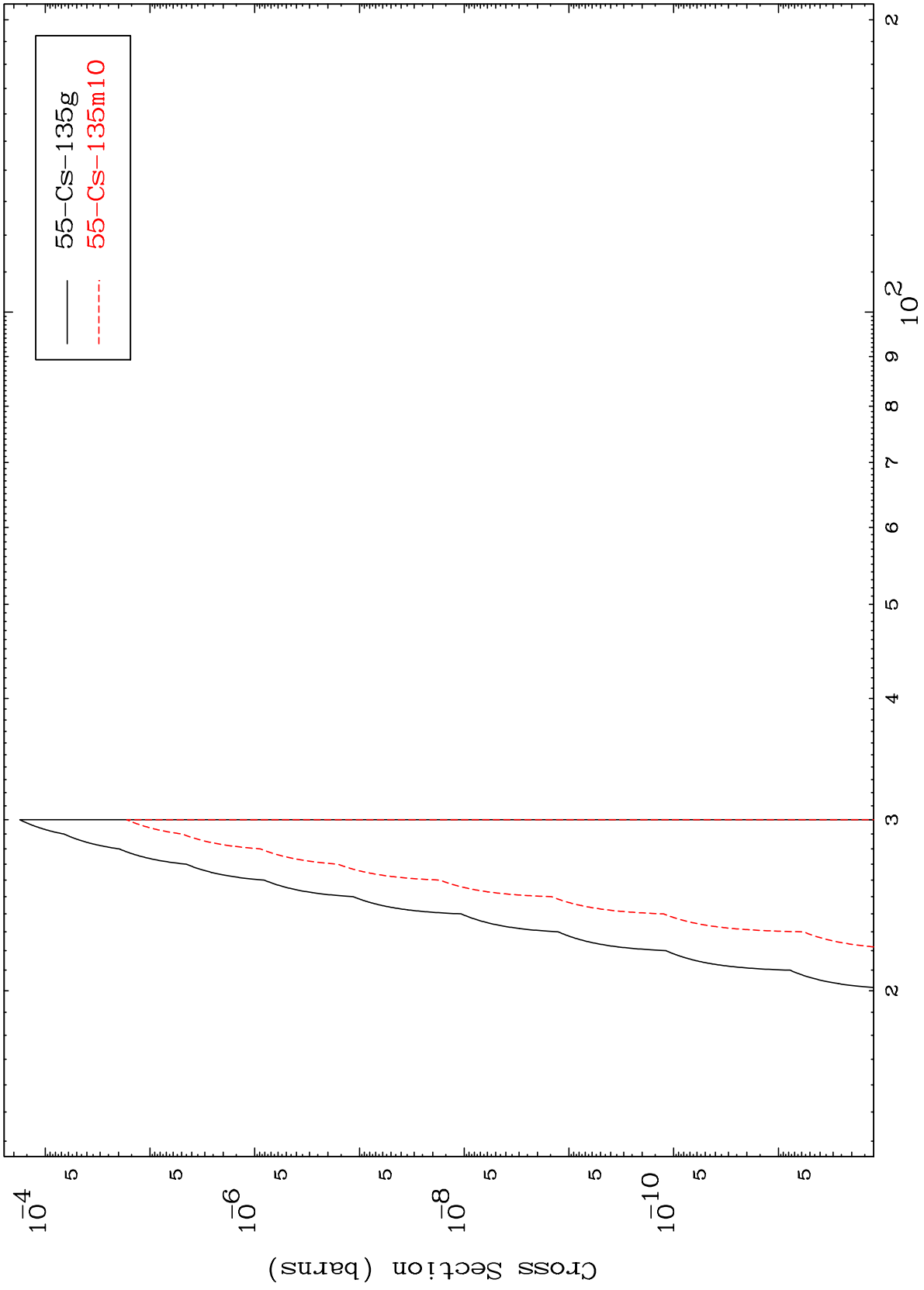
57-La-141

MAT 5734

(n,3n) α

57-La-141

Radionuclide Production Cross Section



137

Incident Energy (MeV)

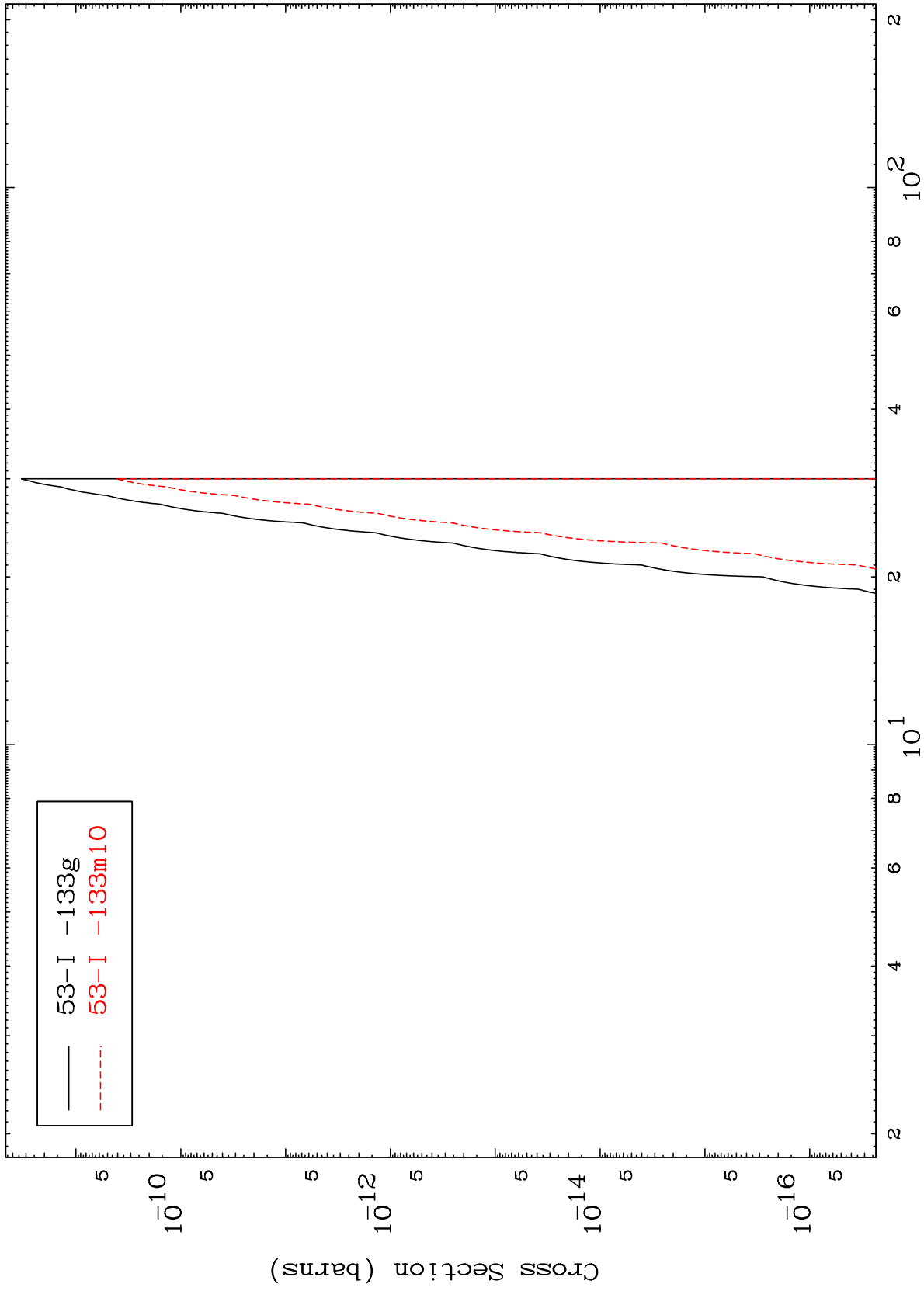
57-La-141

MAT 5734

(n,n') 2 α

57-La-141

Radionuclide Production Cross Section



138

Incident Energy (MeV)

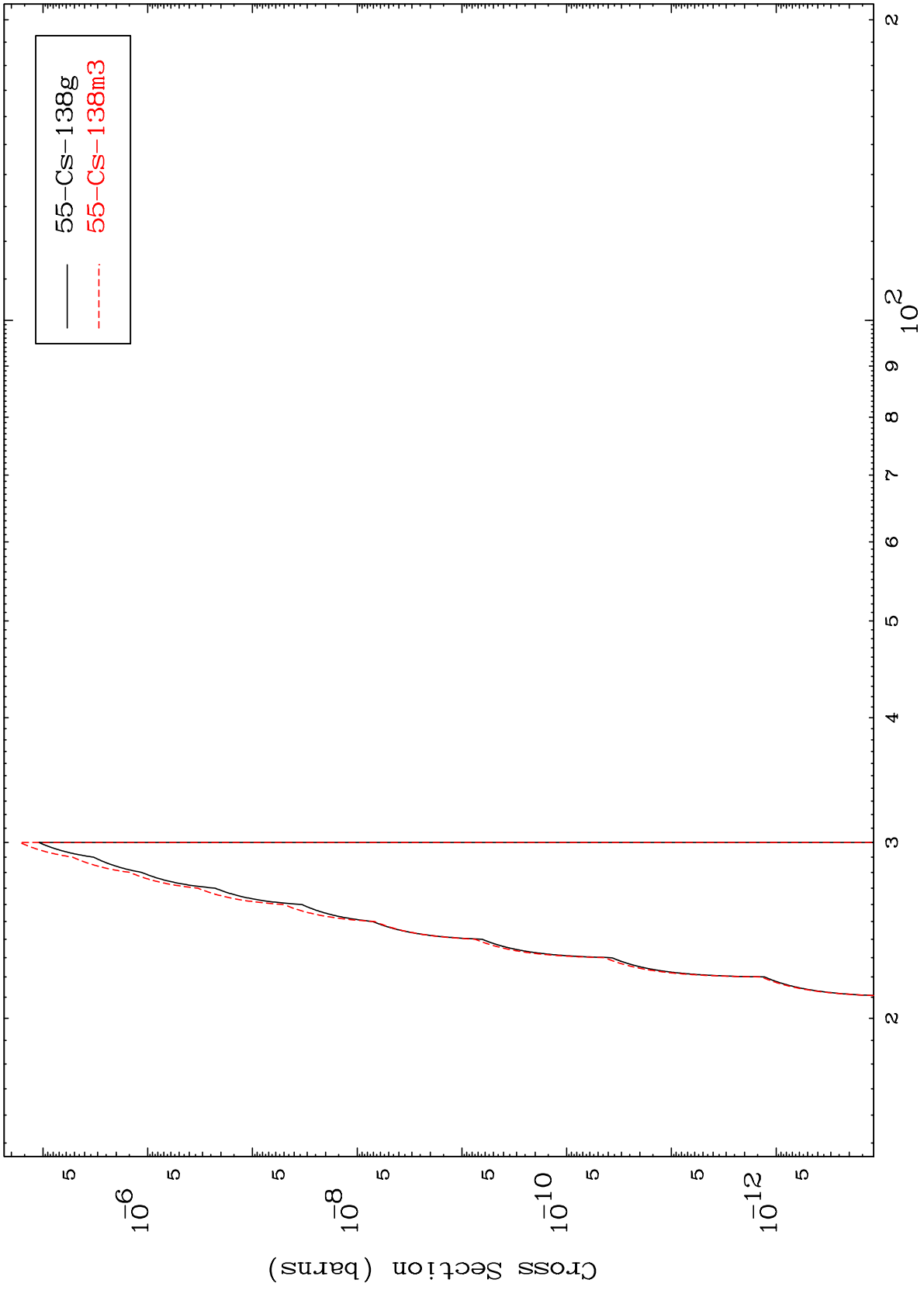
57-La-141

MAT 5734

(n, n') He-3

57-La-141

Radionuclide Production Cross Section



55-Cs-138g
55-Cs-138m3

139

Incident Energy (MeV)

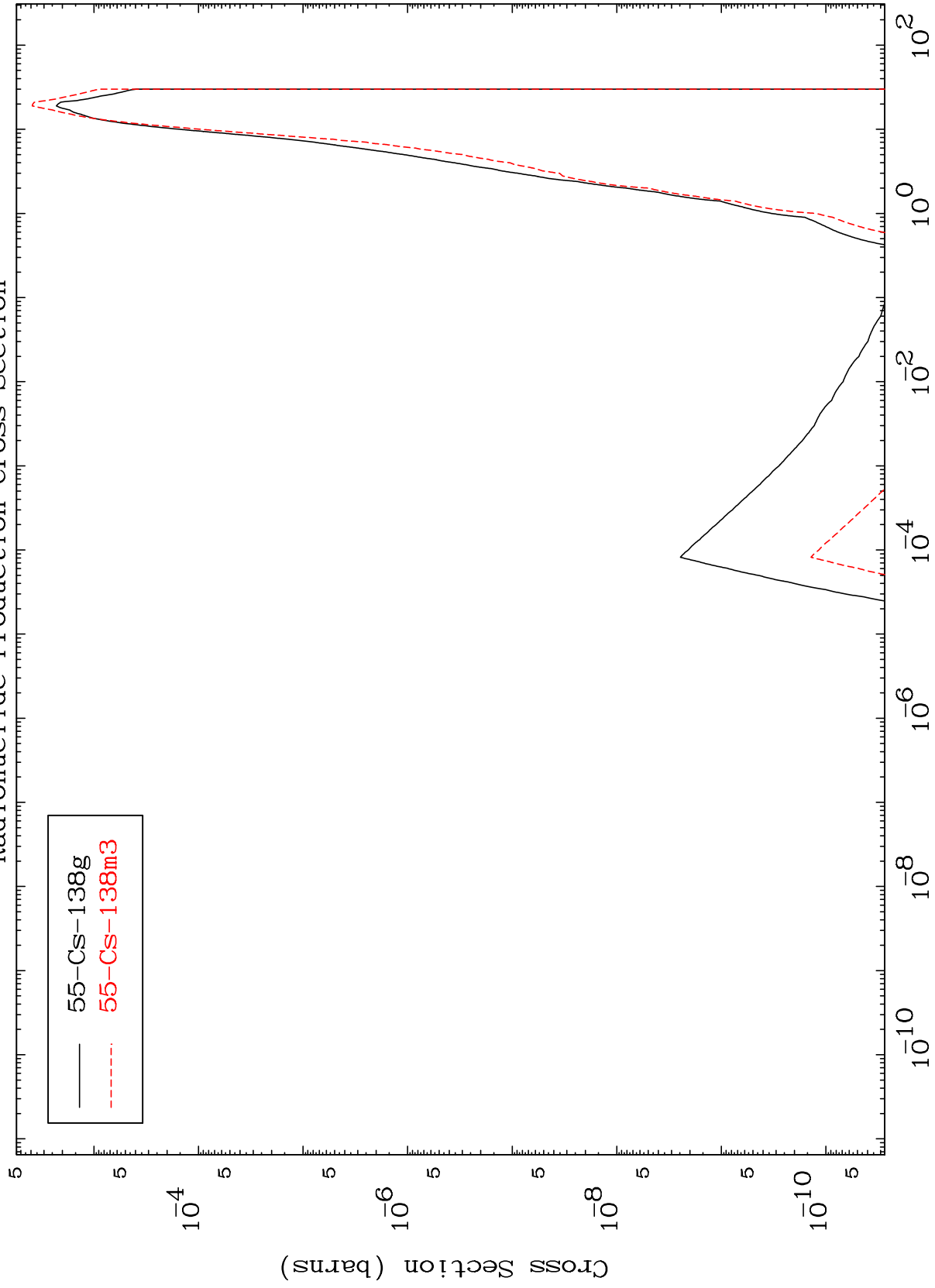
57-La-141

MAT 5734

(n, α)

57-La-141

Radionuclide Production Cross Section



140

Incident Energy (MeV)

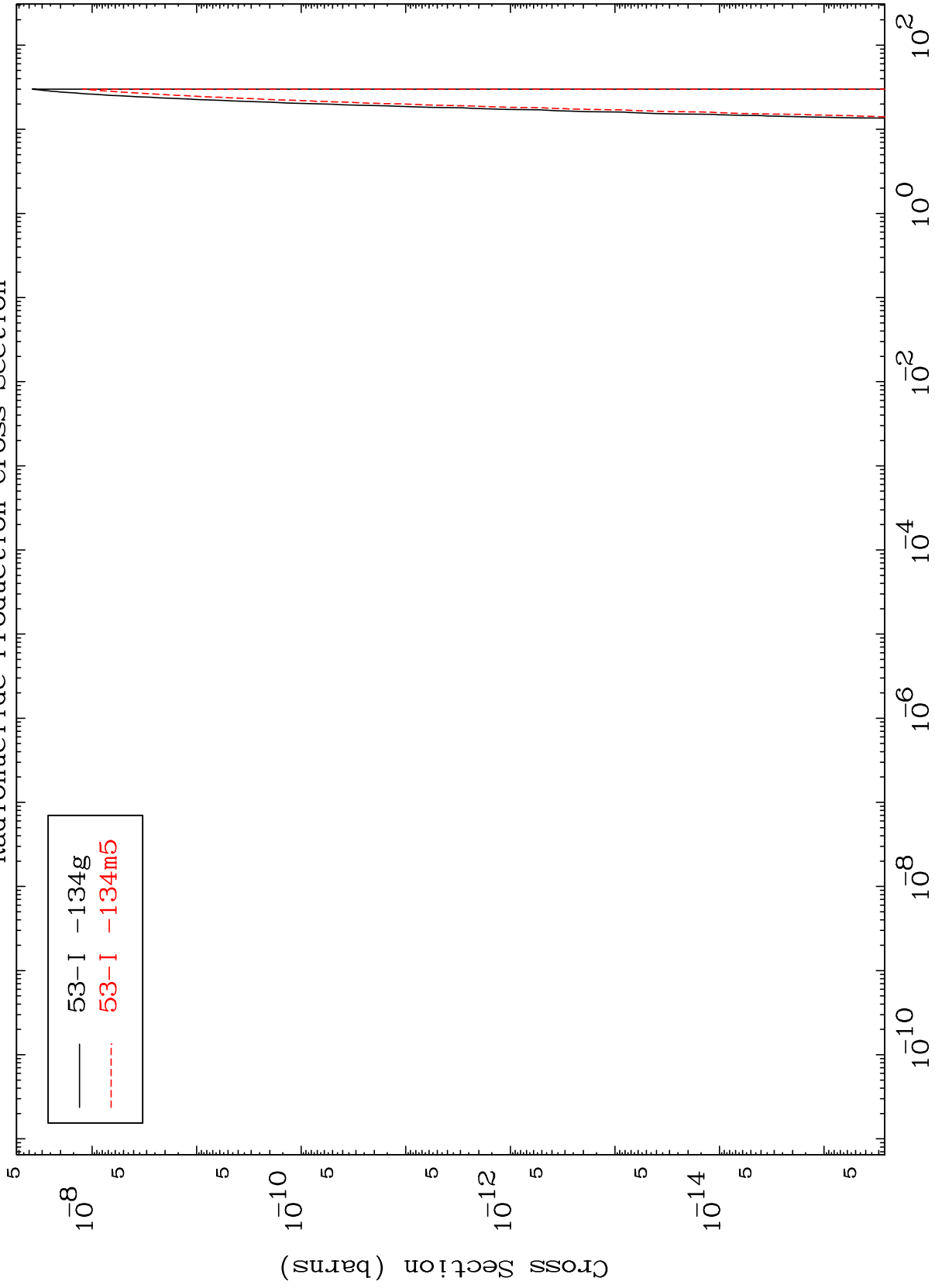
57-La-141

MAT 5734

(n,2α)

57-La-141

Radionuclide Production Cross Section



141

Incident Energy (MeV)

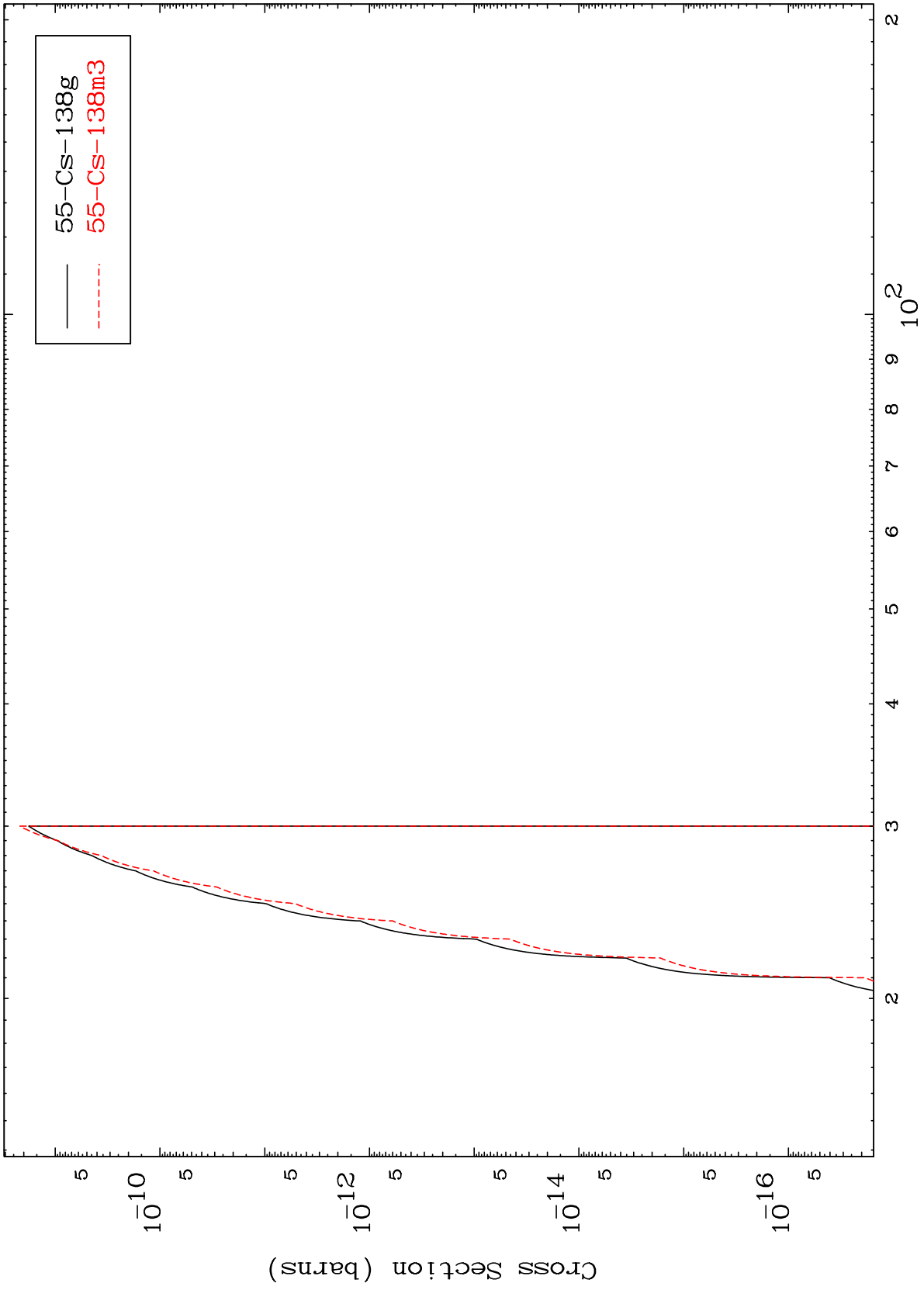
57-La-141

MAT 5734

(n,p) t

57-La-141

Radionuclide Production Cross Section



142

Incident Energy (MeV)

57-La-141