

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

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

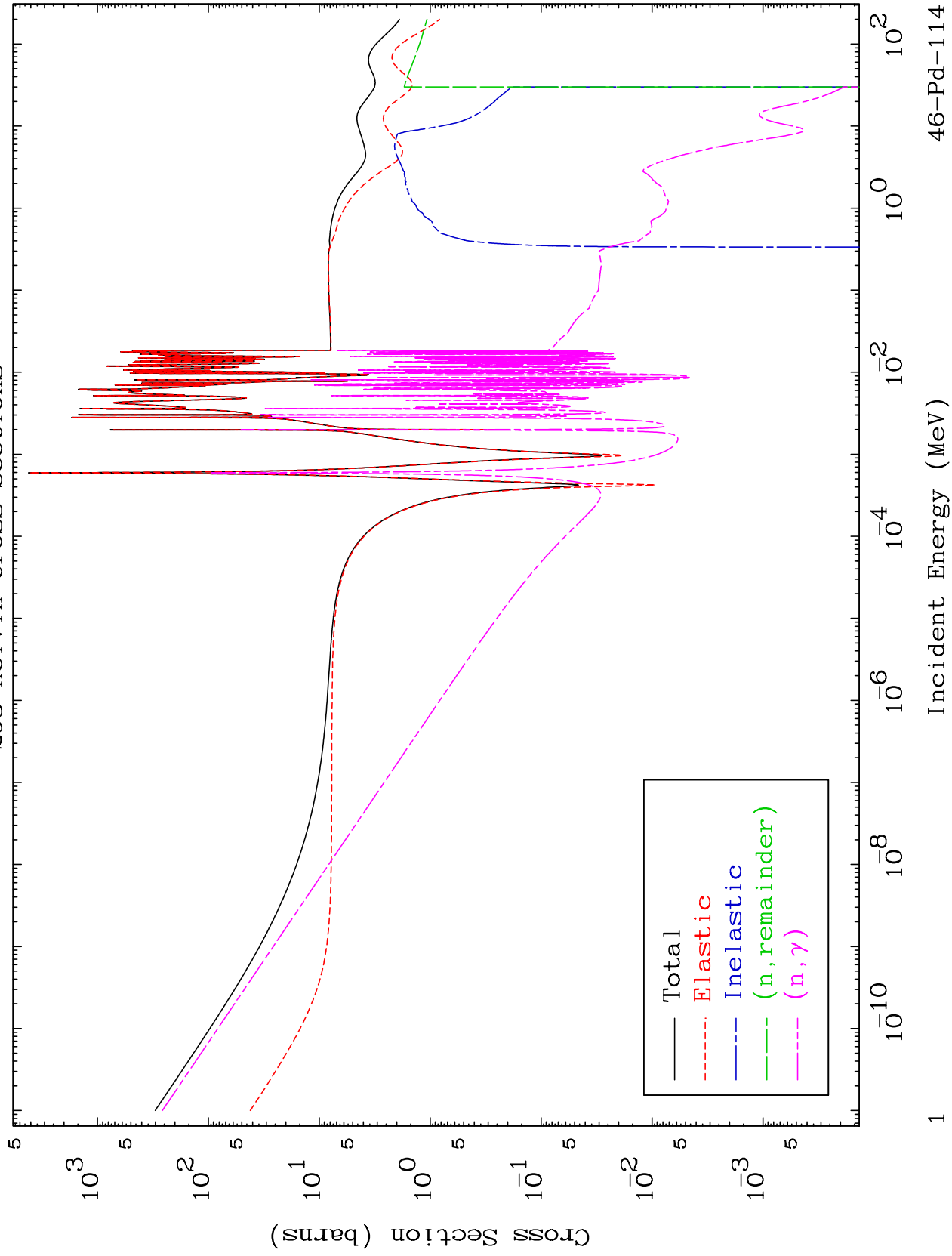
Press Mouse Button to Start

MAT 4661

Major

293 Kelvin Cross Sections

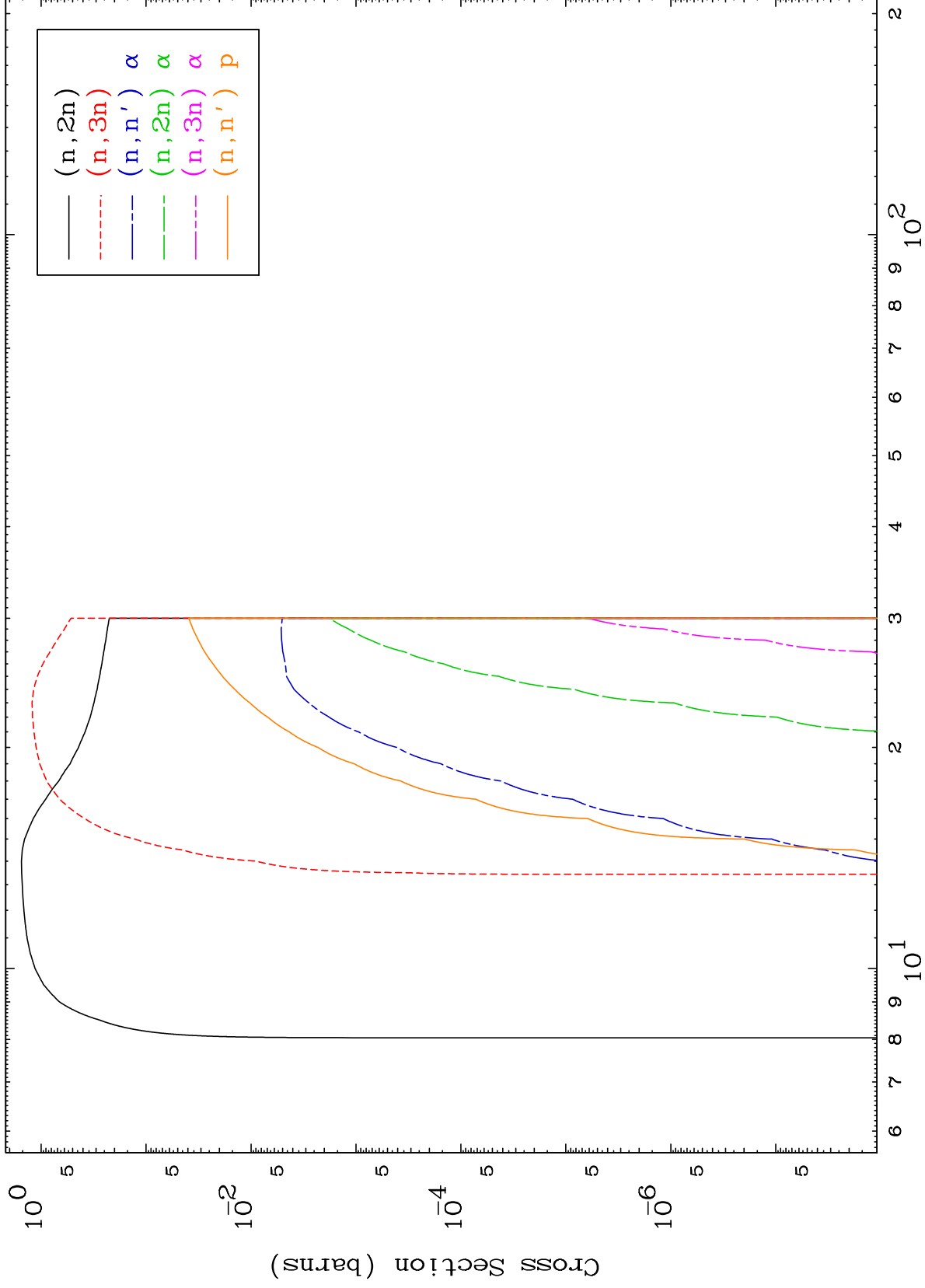
46-Pd-114



MAT 4661

Neutron Production
293 Kelvin Cross Sections

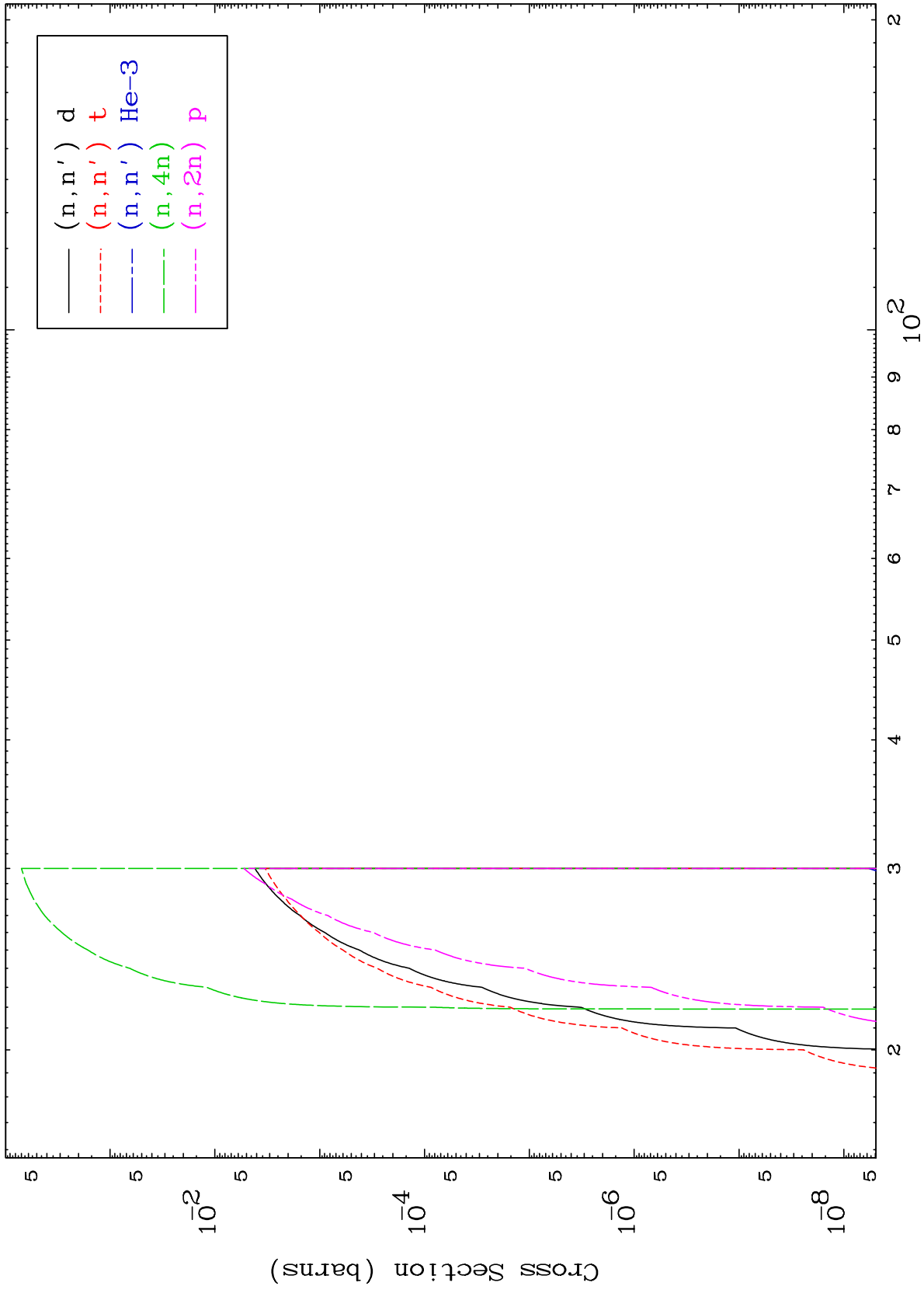
46-Pd-114



2

Incident Energy (MeV)

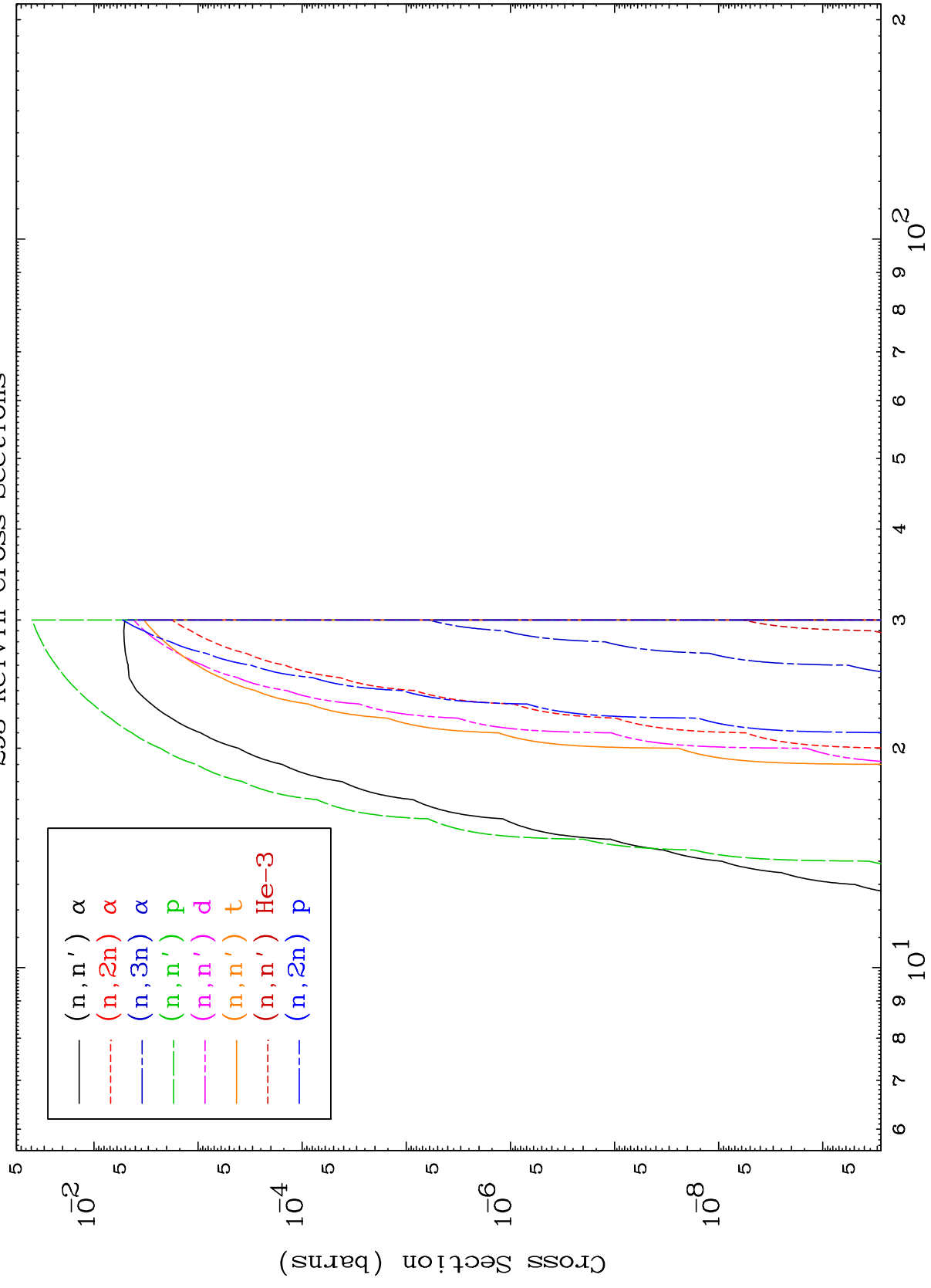
46-Pd-114



MAT 4661

Charged Particle
293 Kelvin Cross Sections

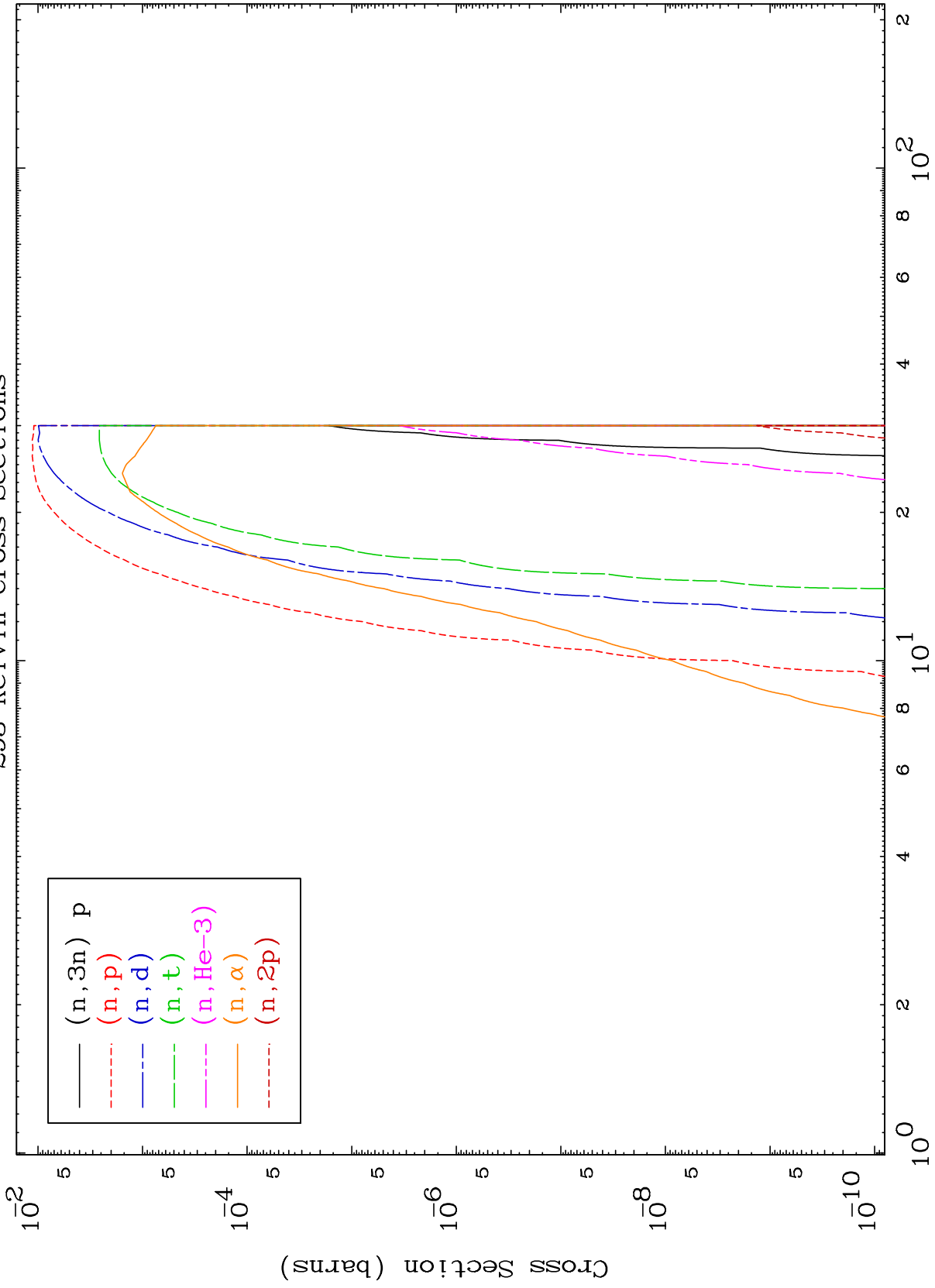
46-Pd-114



MAT 4661

Charged Particle
293 Kelvin Cross Sections

46-Pd-114



46-Pd-114

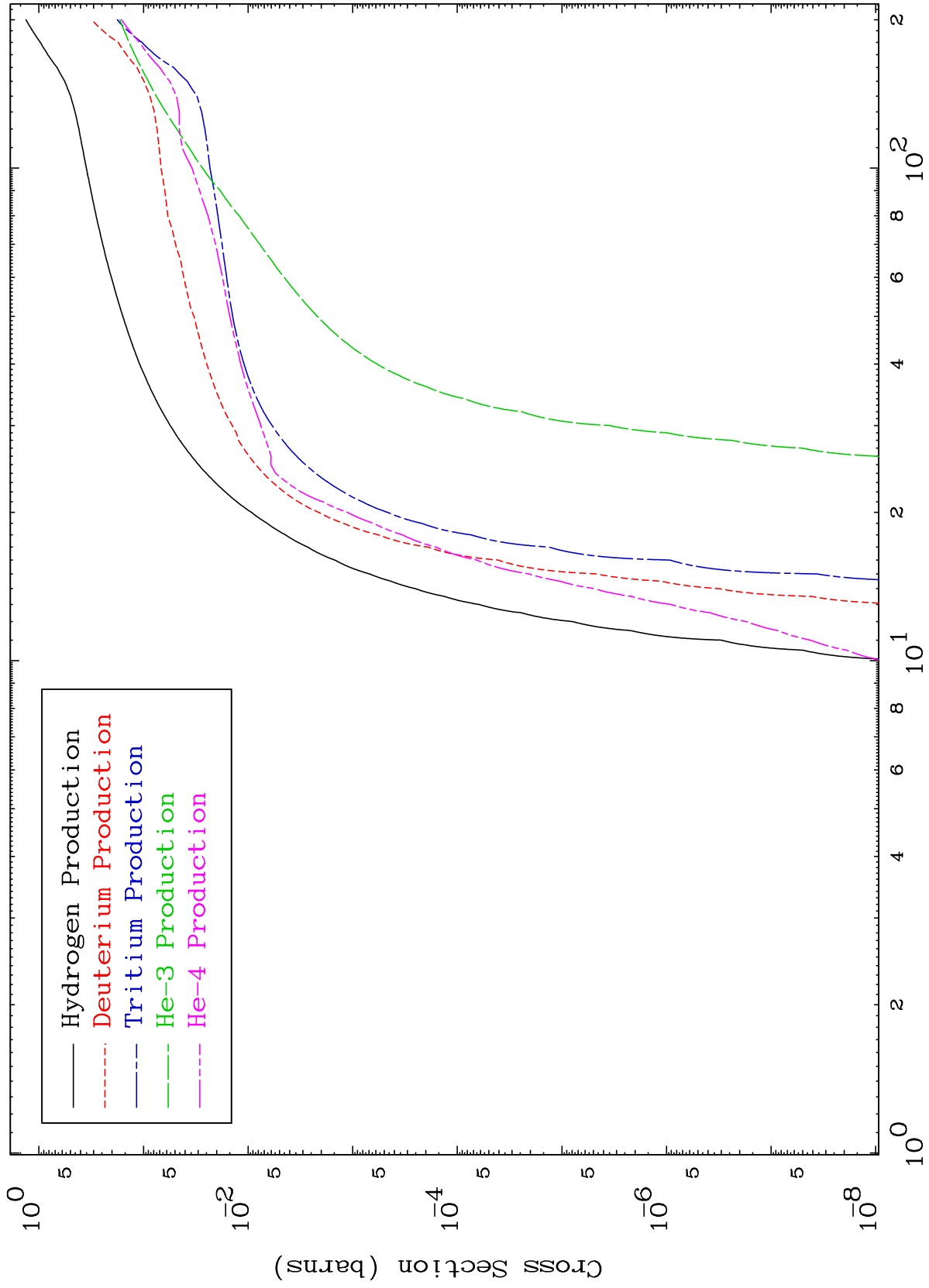
Incident Energy (MeV)

5

MAT 4661

Particle Production
293 Kelvin Cross Sections

46-Pd-114



46-Pd-114

Incident Energy (MeV)

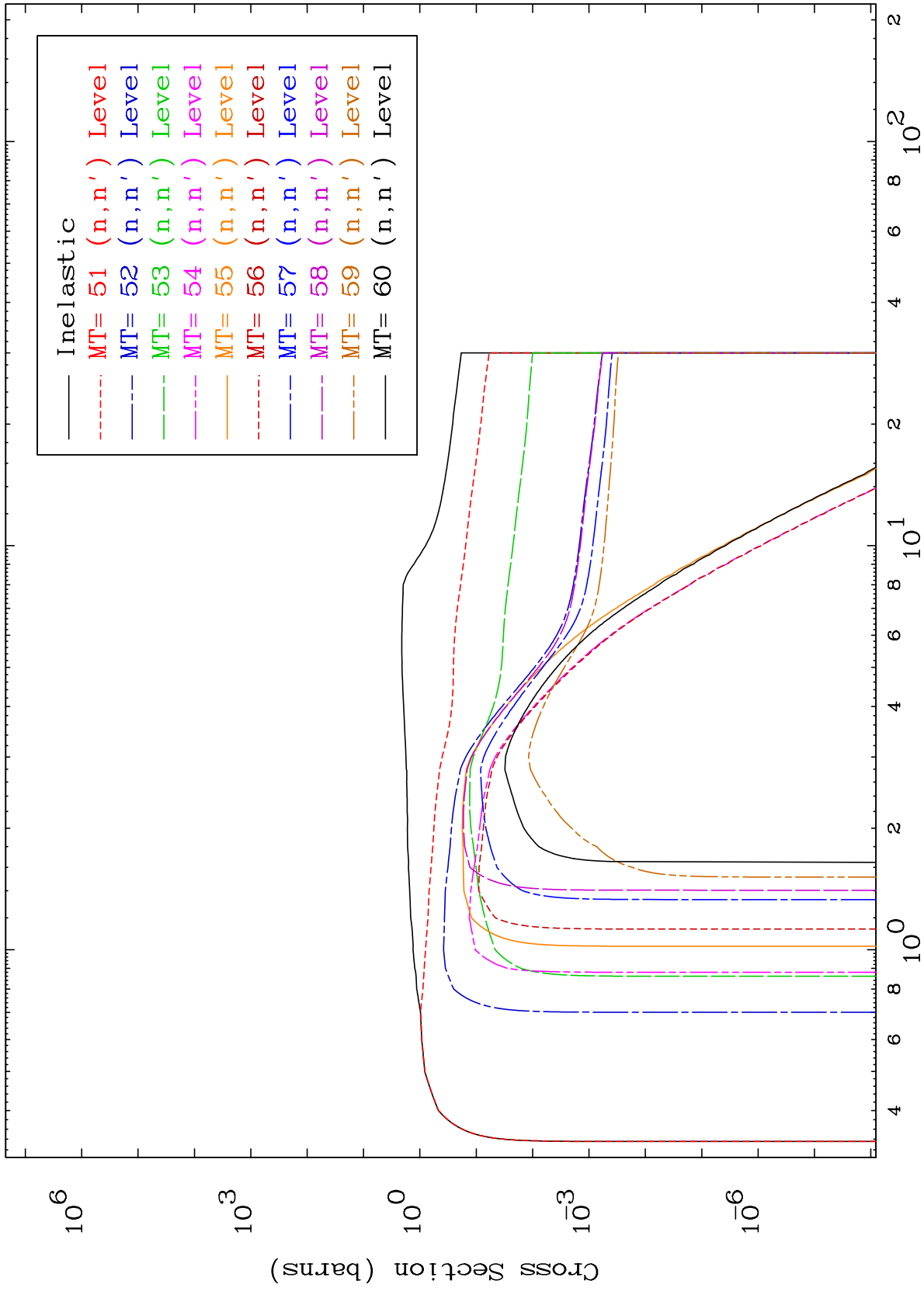
6

MAT 4661

(n,n') Level

46-Pd-114

293 Kelvin Cross Sections



7

Incident Energy (MeV)

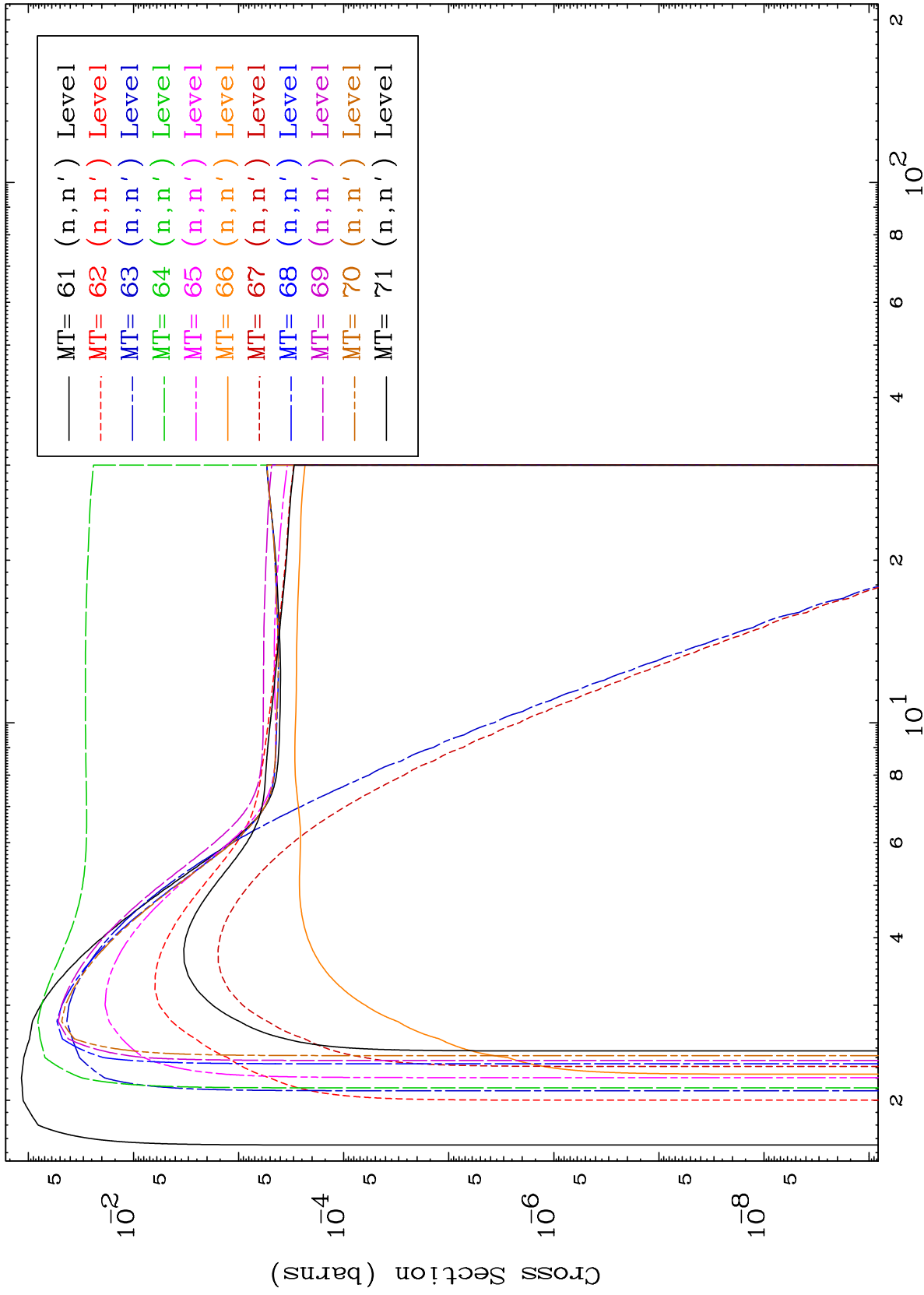
46-Pd-114

MAT 4661

(n,n') Level

46-Pd-114

293 Kelvin Cross Sections



8

Incident Energy (MeV)

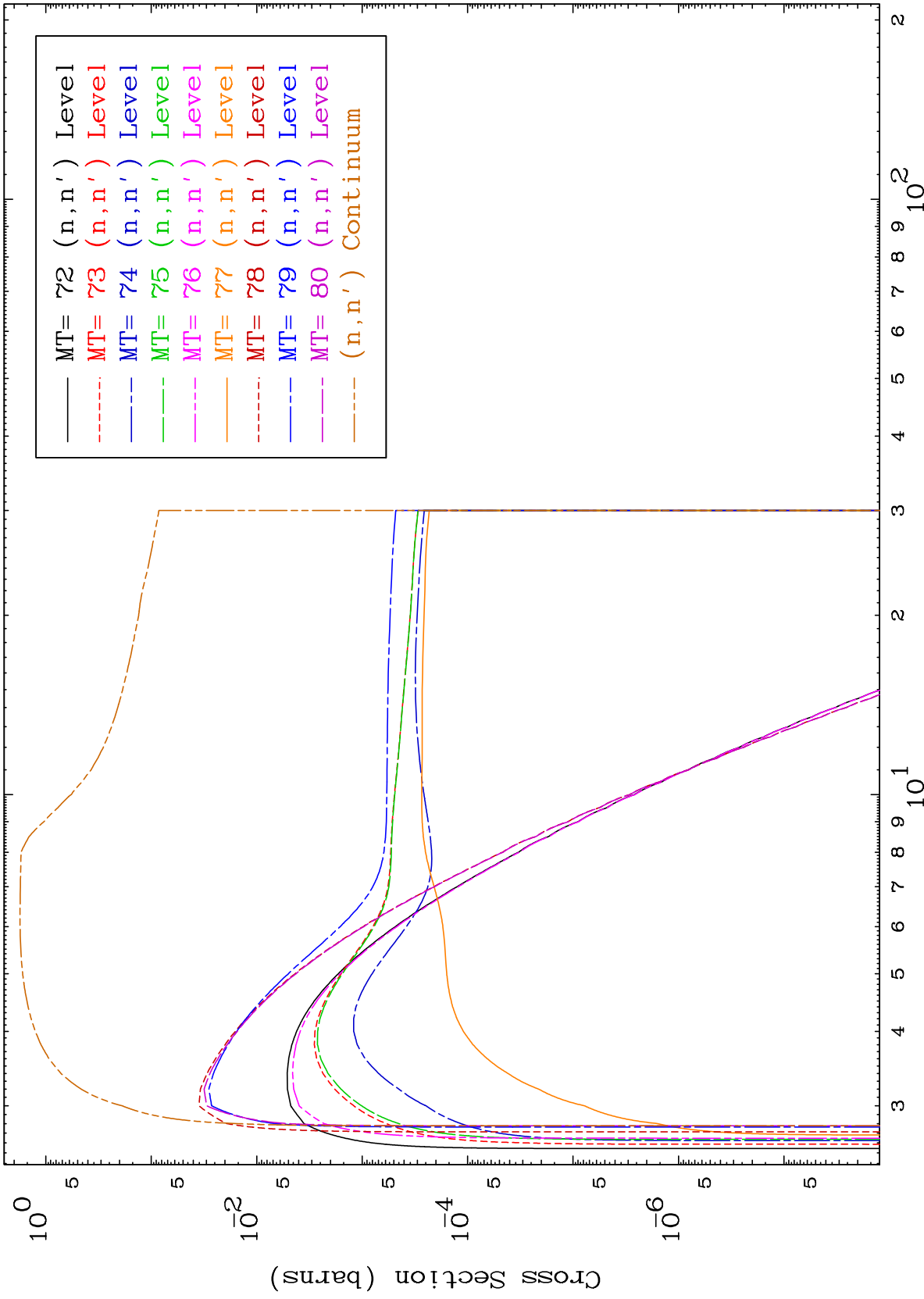
46-Pd-114

MAT 4661

(n,n') Level

46-Pd-114

293 Kelvin Cross Sections



9

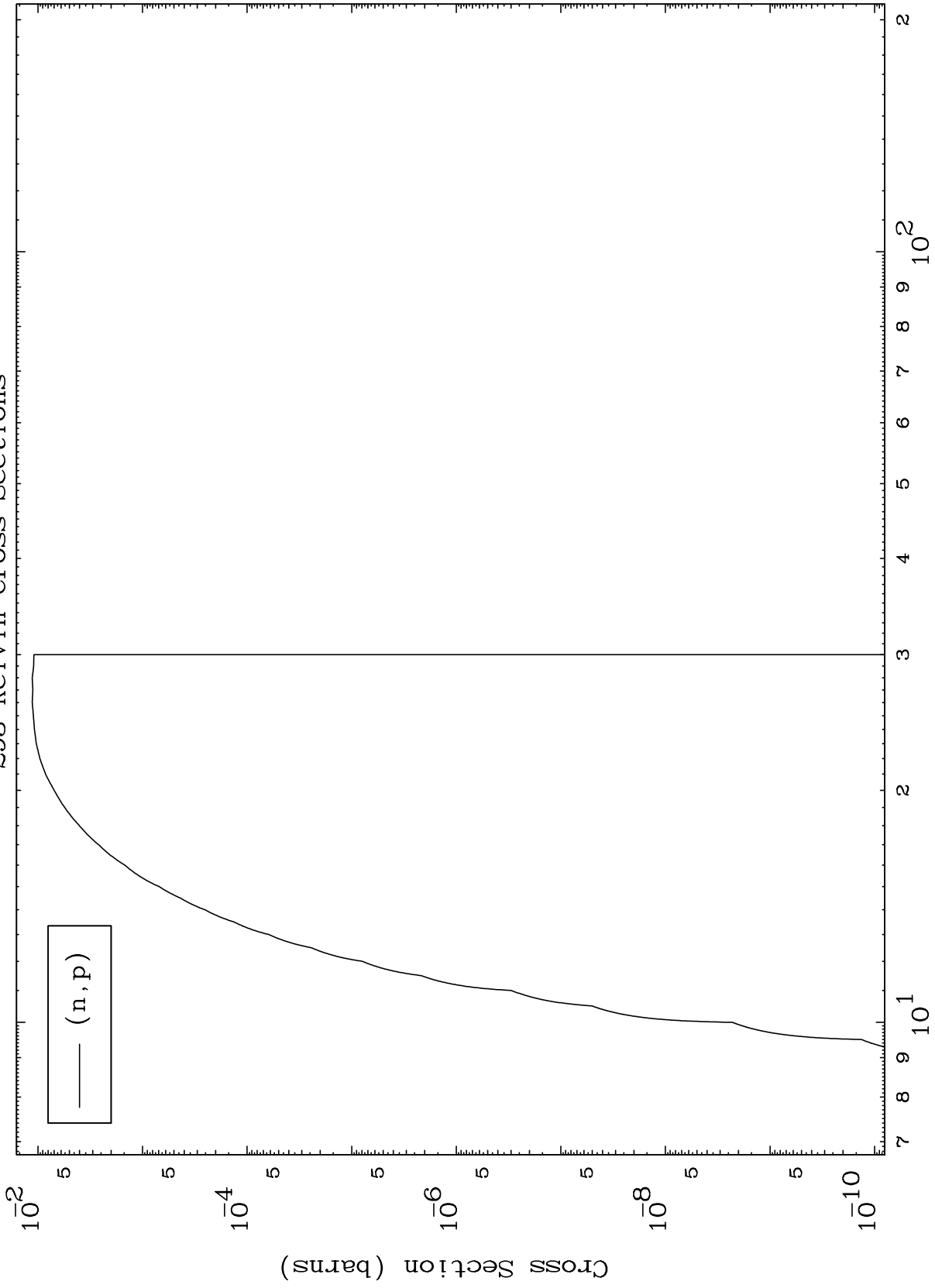
Incident Energy (MeV)

46-Pd-114

MAT 4661

(n,p) Levels
293 Kelvin Cross Sections

46-Pd-114



10

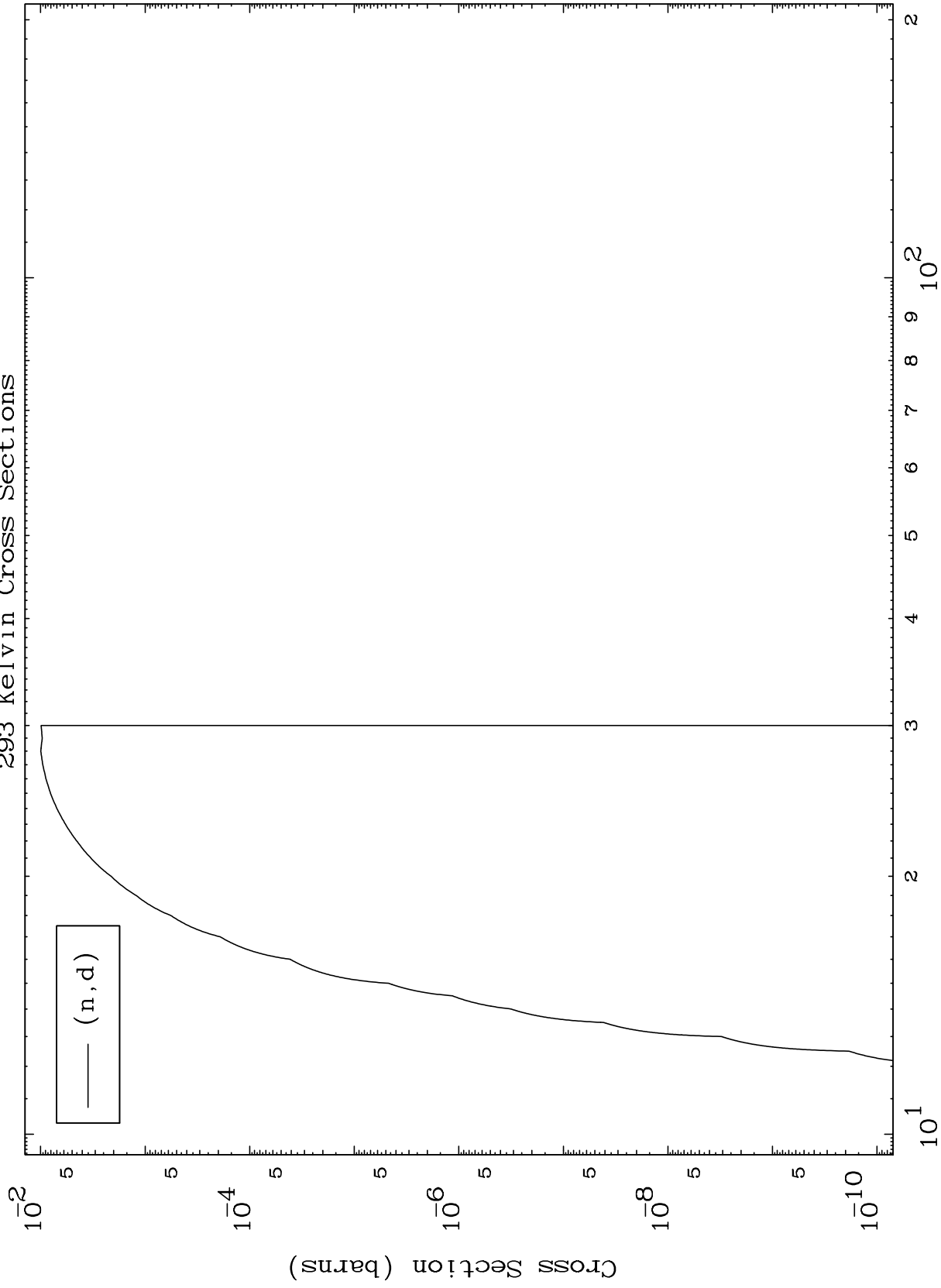
Incident Energy (MeV)

46-Pd-114

MAT 4661

(n,d) Levels
293 Kelvin Cross Sections

46-Pd-114



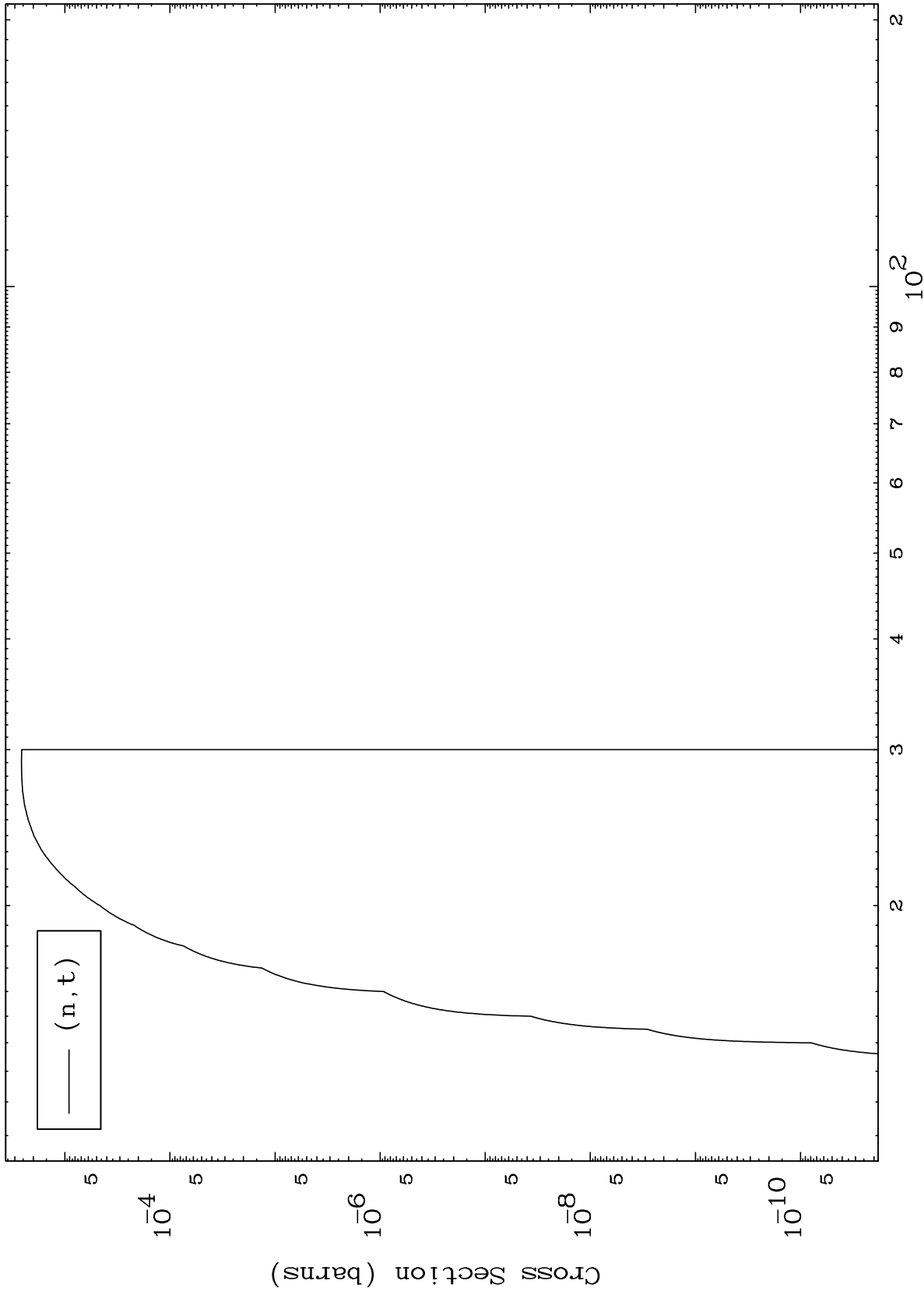
11

46-Pd-114

MAT 4661

(n,t) Levels
293 Kelvin Cross Sections

46-Pd-114



12

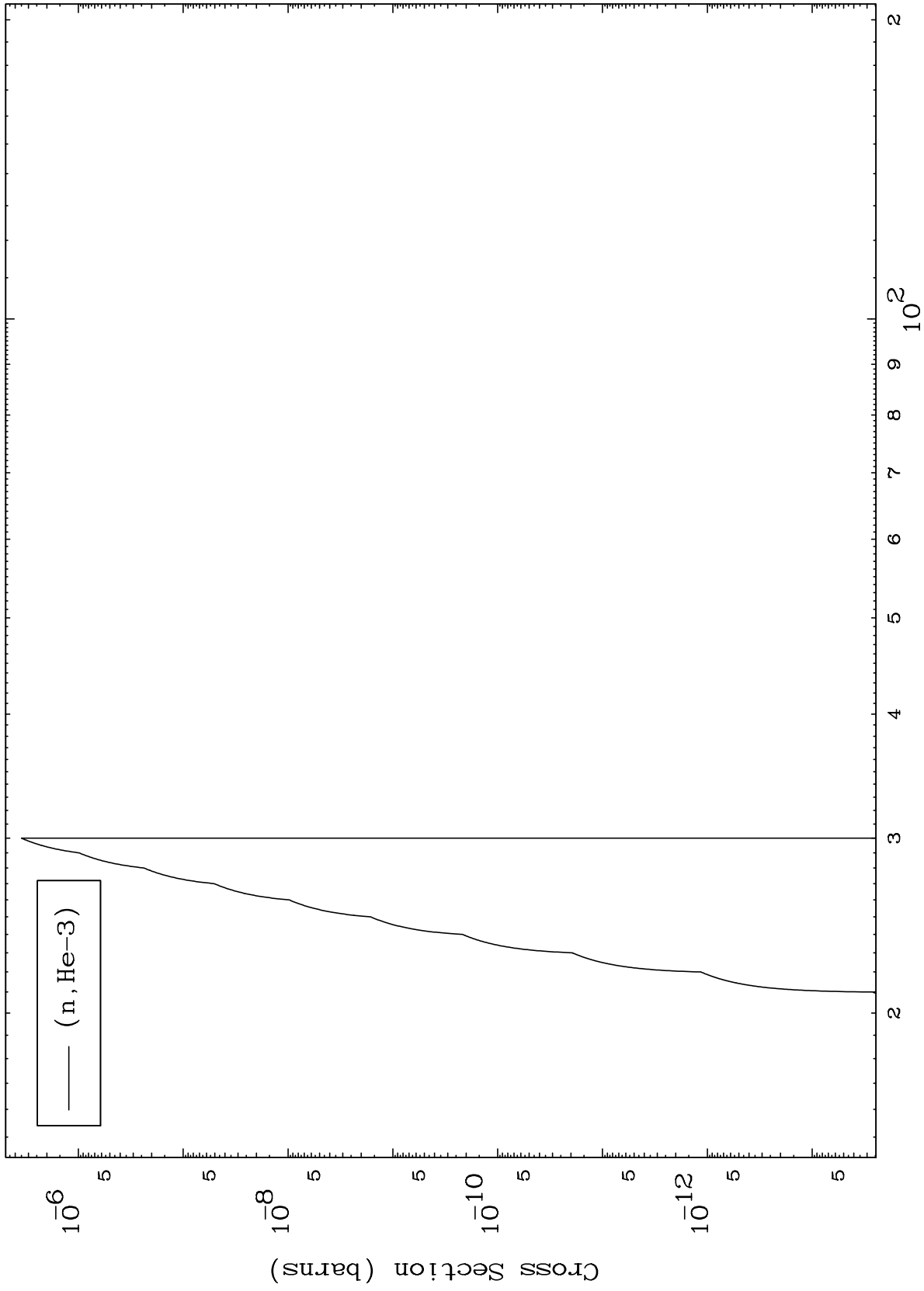
Incident Energy (MeV)

46-Pd-114

MAT 4661

(n,He3) Levels
293 Kelvin Cross Sections

46-Pd-114



13

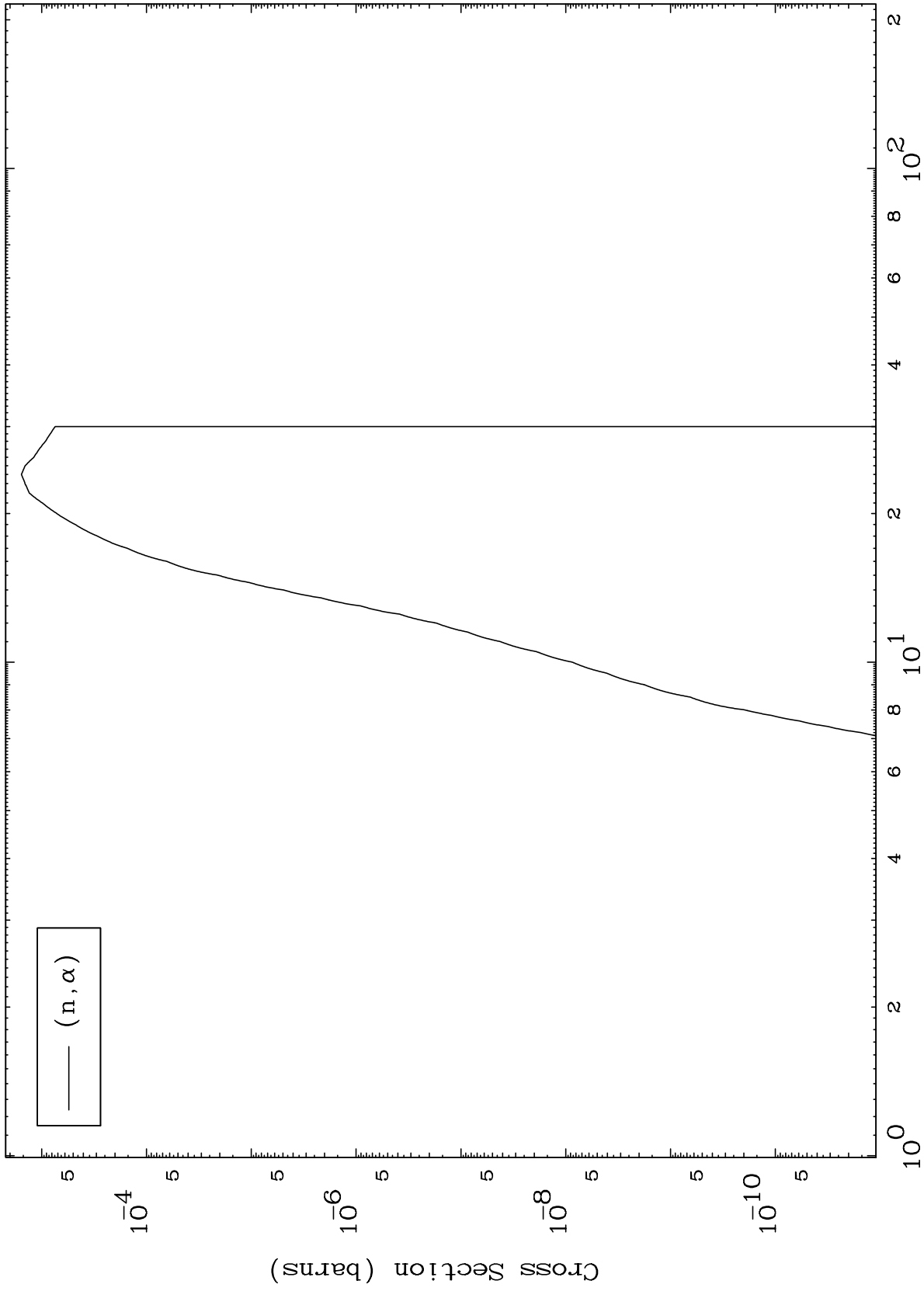
Incident Energy (MeV)

46-Pd-114

MAT 4661

(n,α) Levels
293 Kelvin Cross Sections

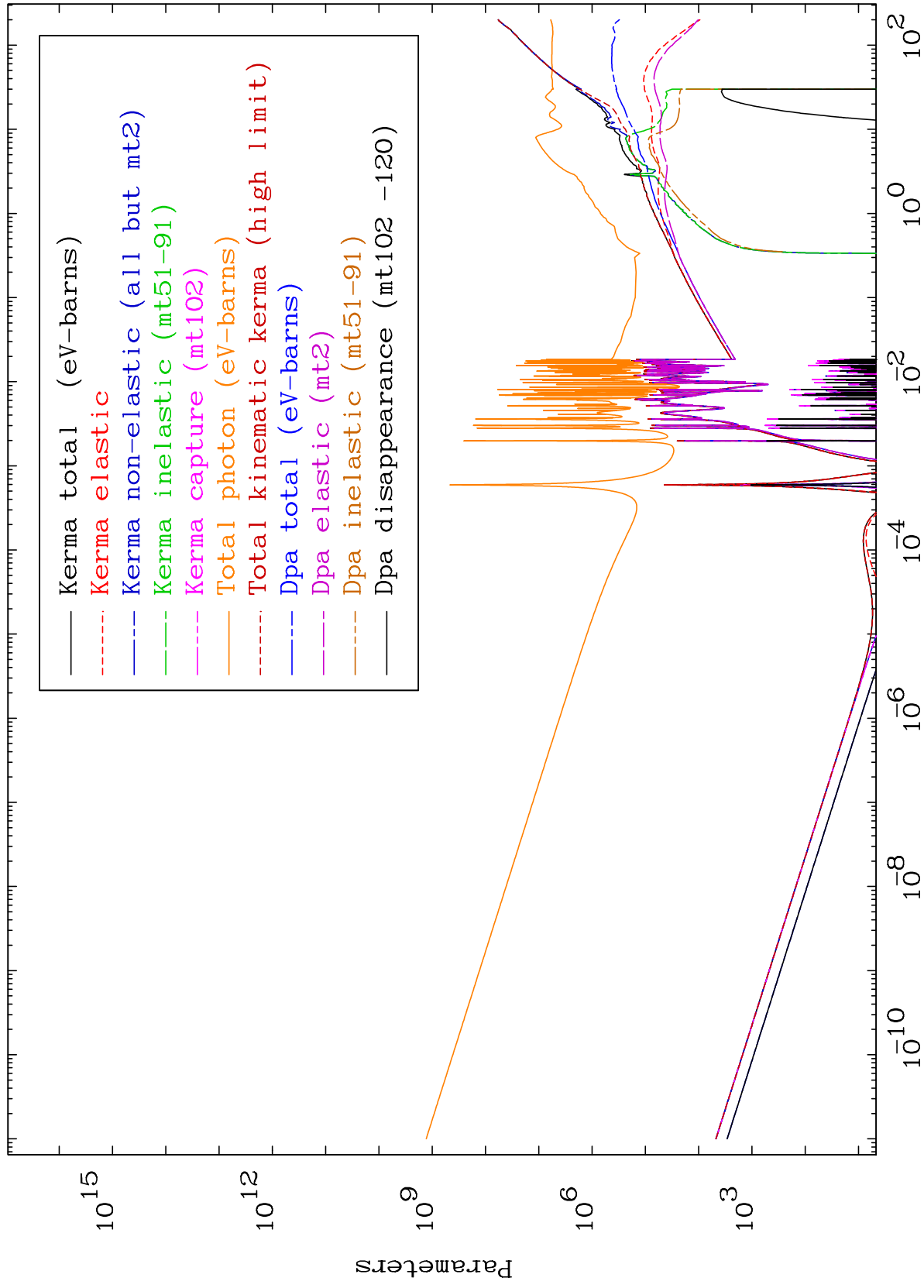
46-Pd-114



14

Incident Energy (MeV)

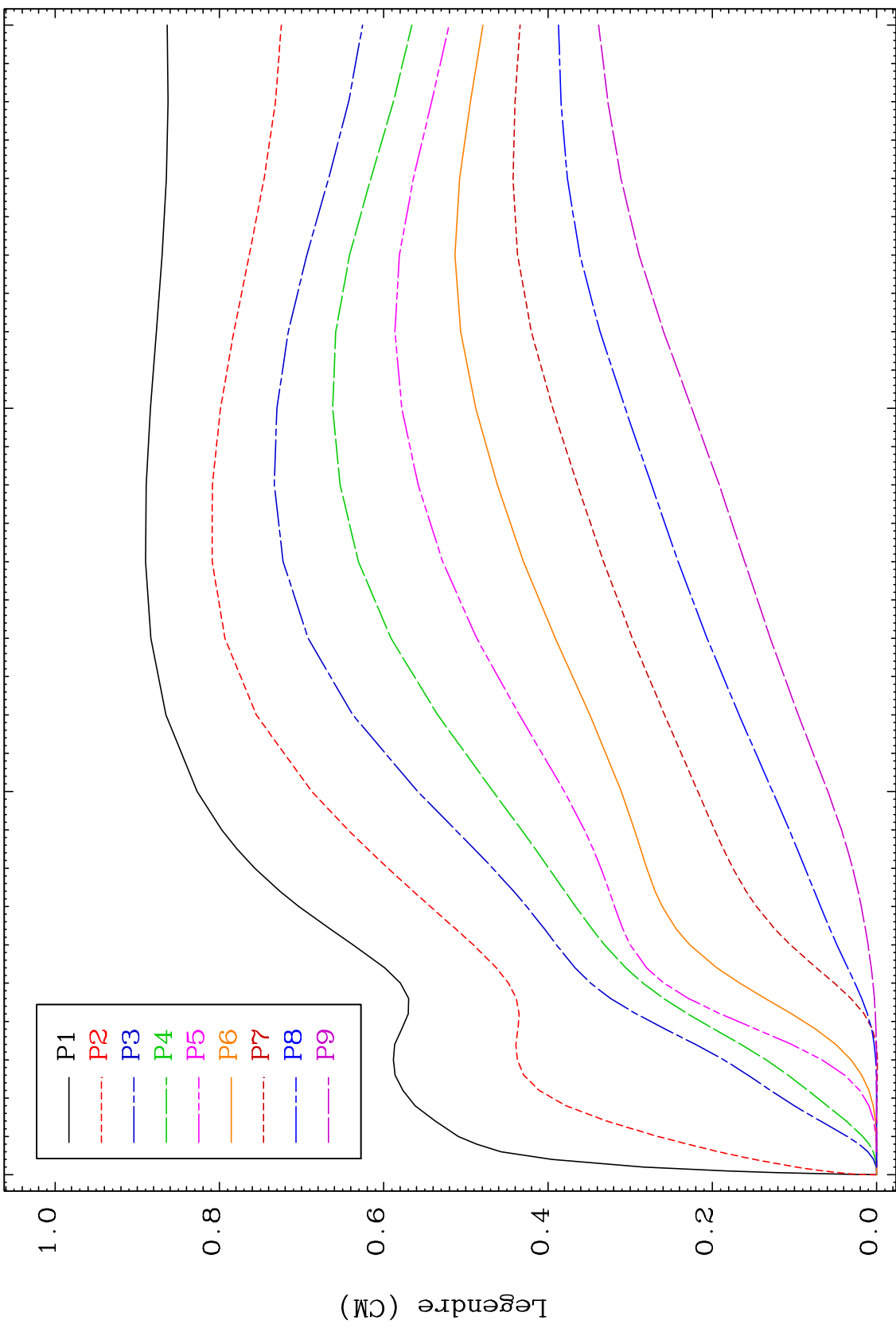
46-Pd-114



MAT 4661

Elastic Legendre Coefficients

46-Pd-114



16

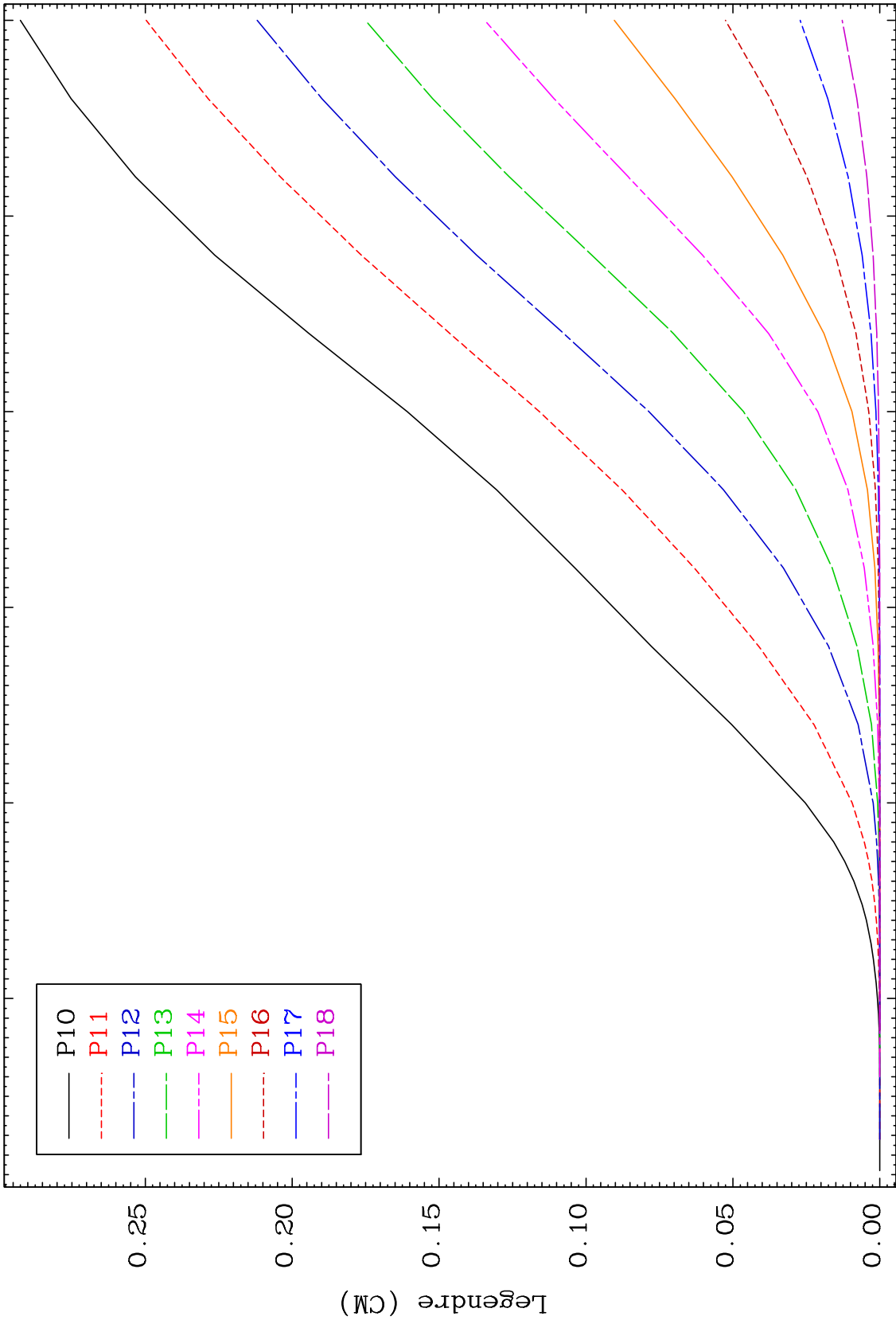
Incident Energy (MeV)

46-Pd-114

MAT 4661

Elastic Legendre Coefficients

46-Pd-114



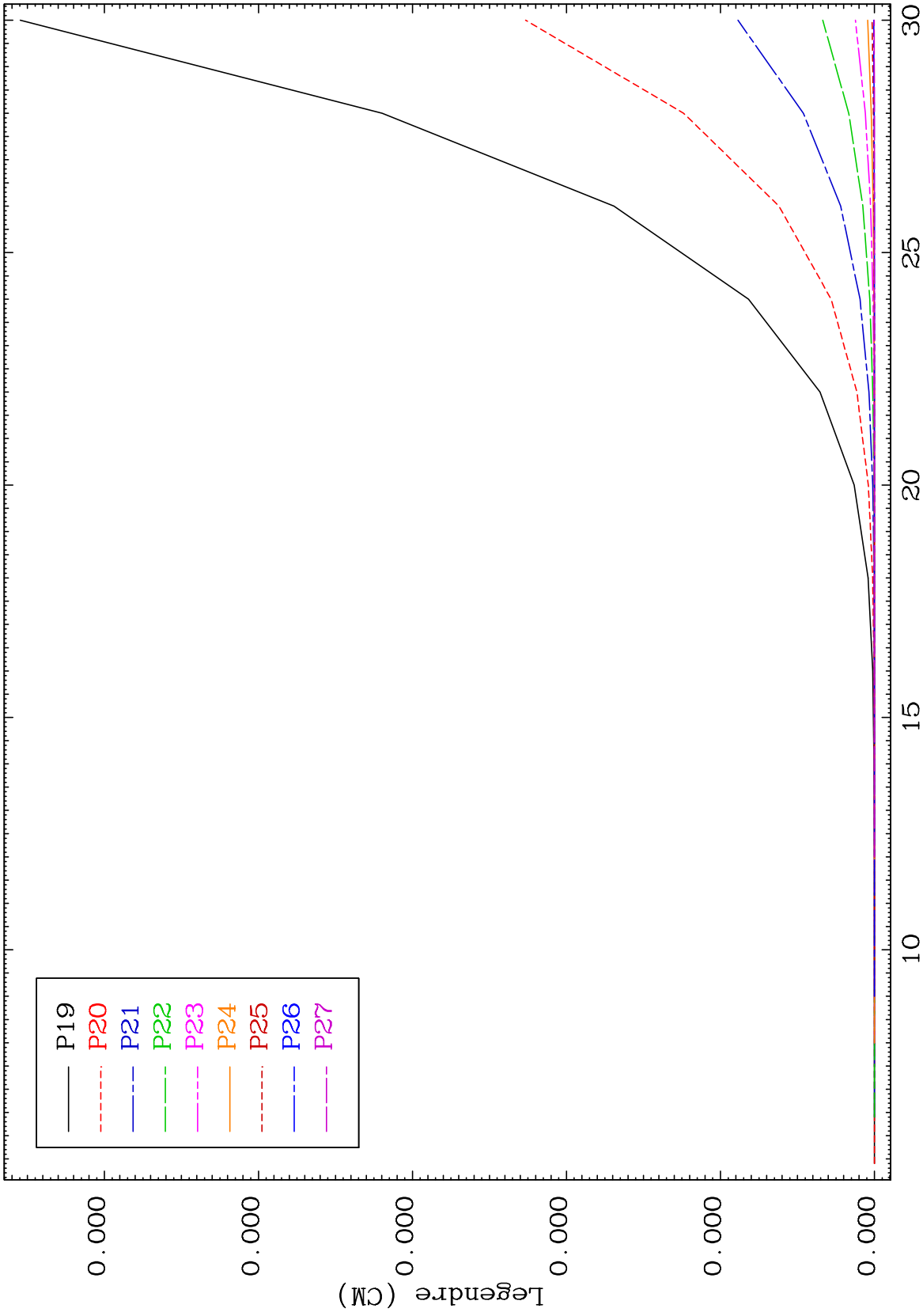
17

46-Pd-114

MAT 4661

Elastic Legendre Coefficients

46-Pd-114



18

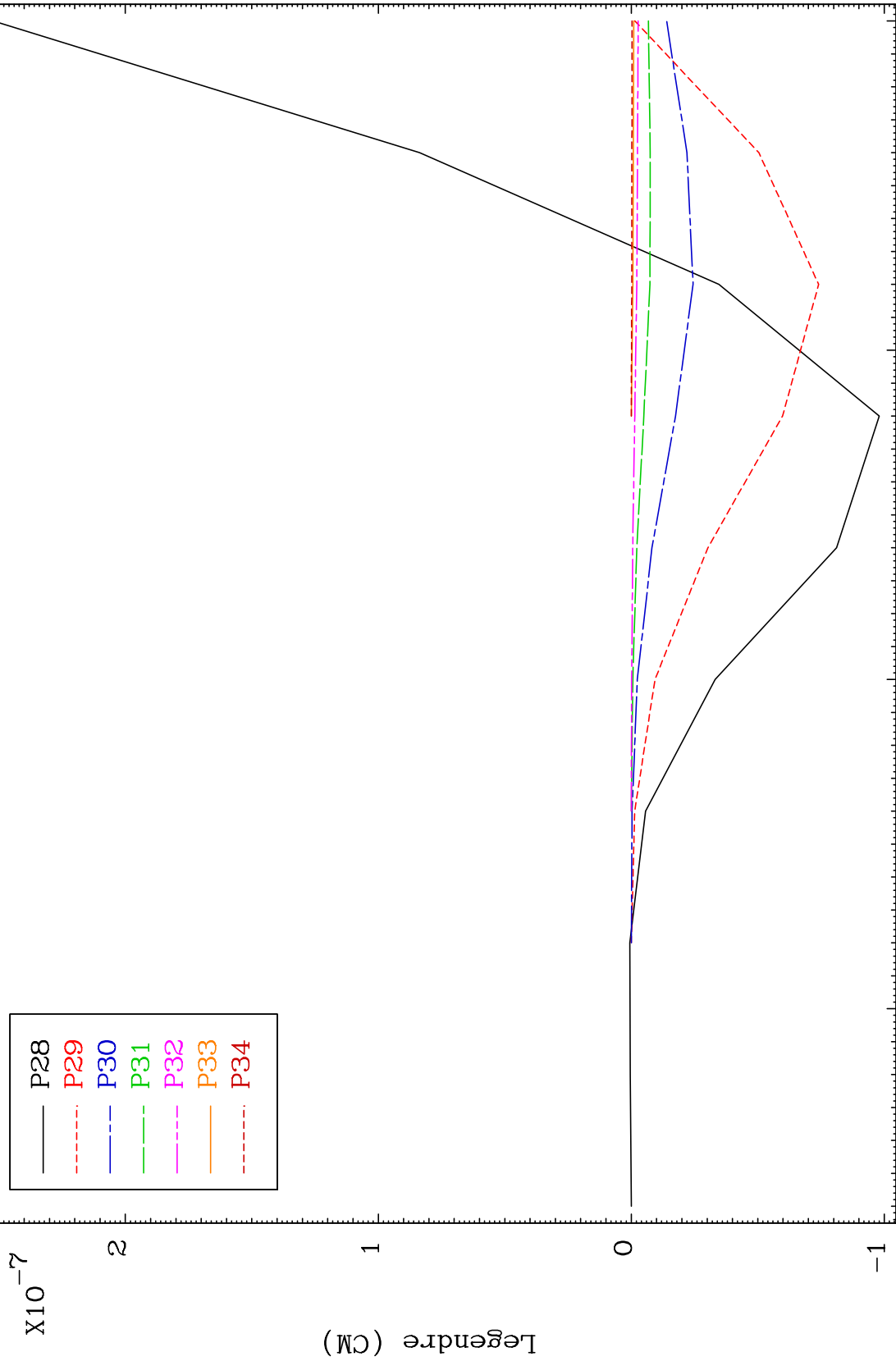
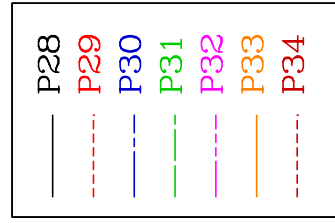
Incident Energy (MeV)

46-Pd-114

MAT 4661

Elastic
Legendre Coefficients

46-Pd-114



19

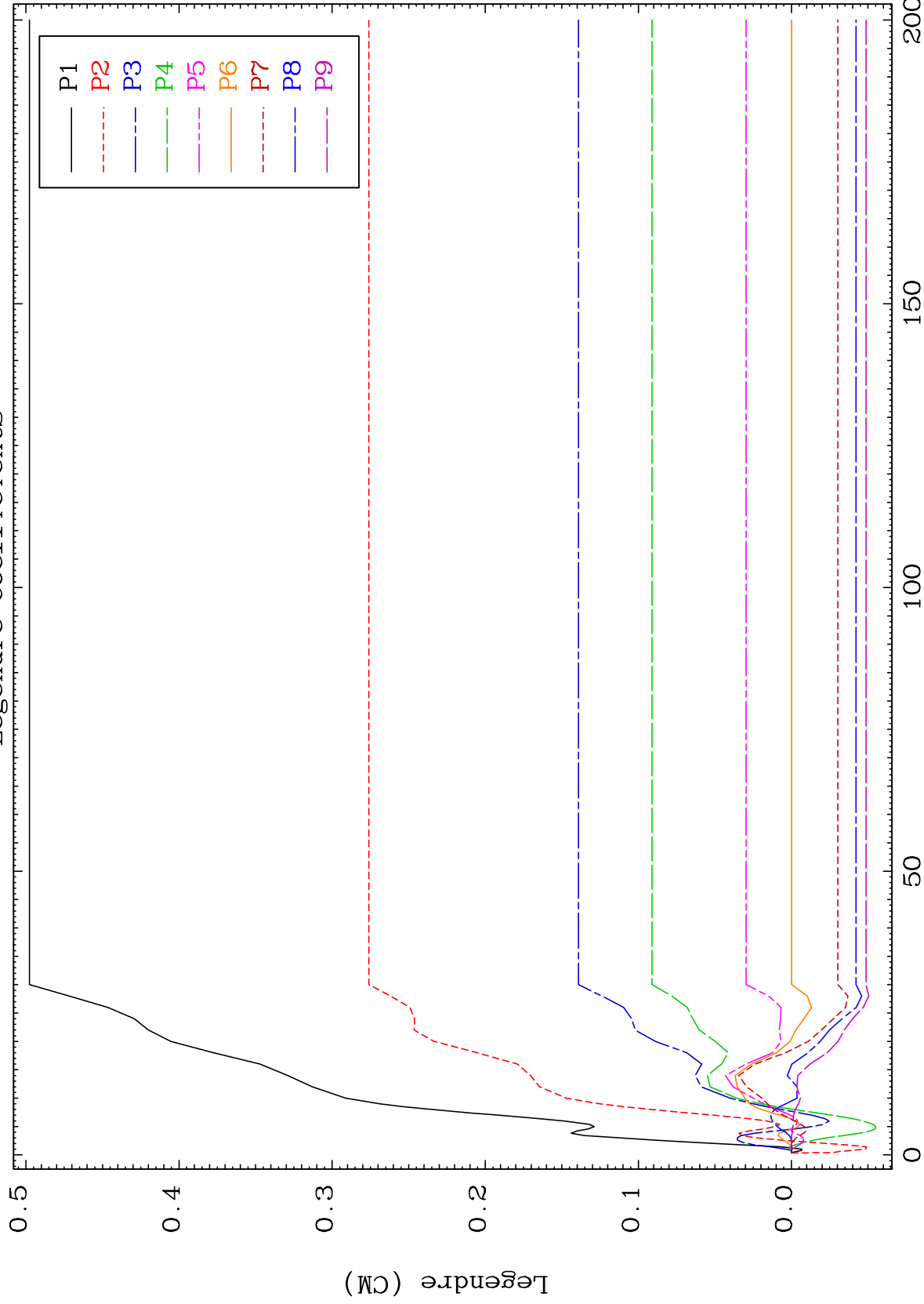
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



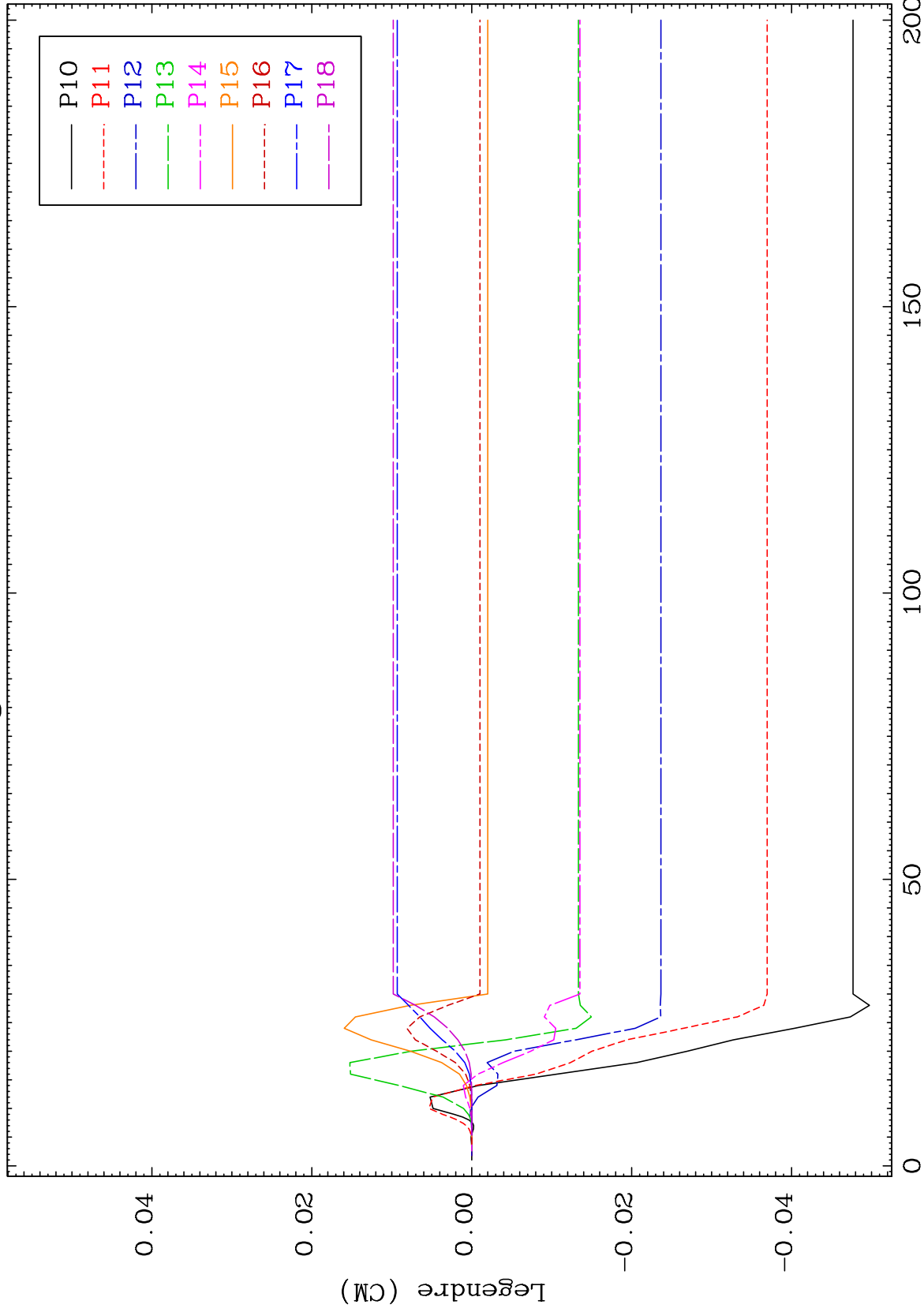
46-Pd-114

Incident Energy (MeV)

MAT 4661

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

46-Pd-114



21

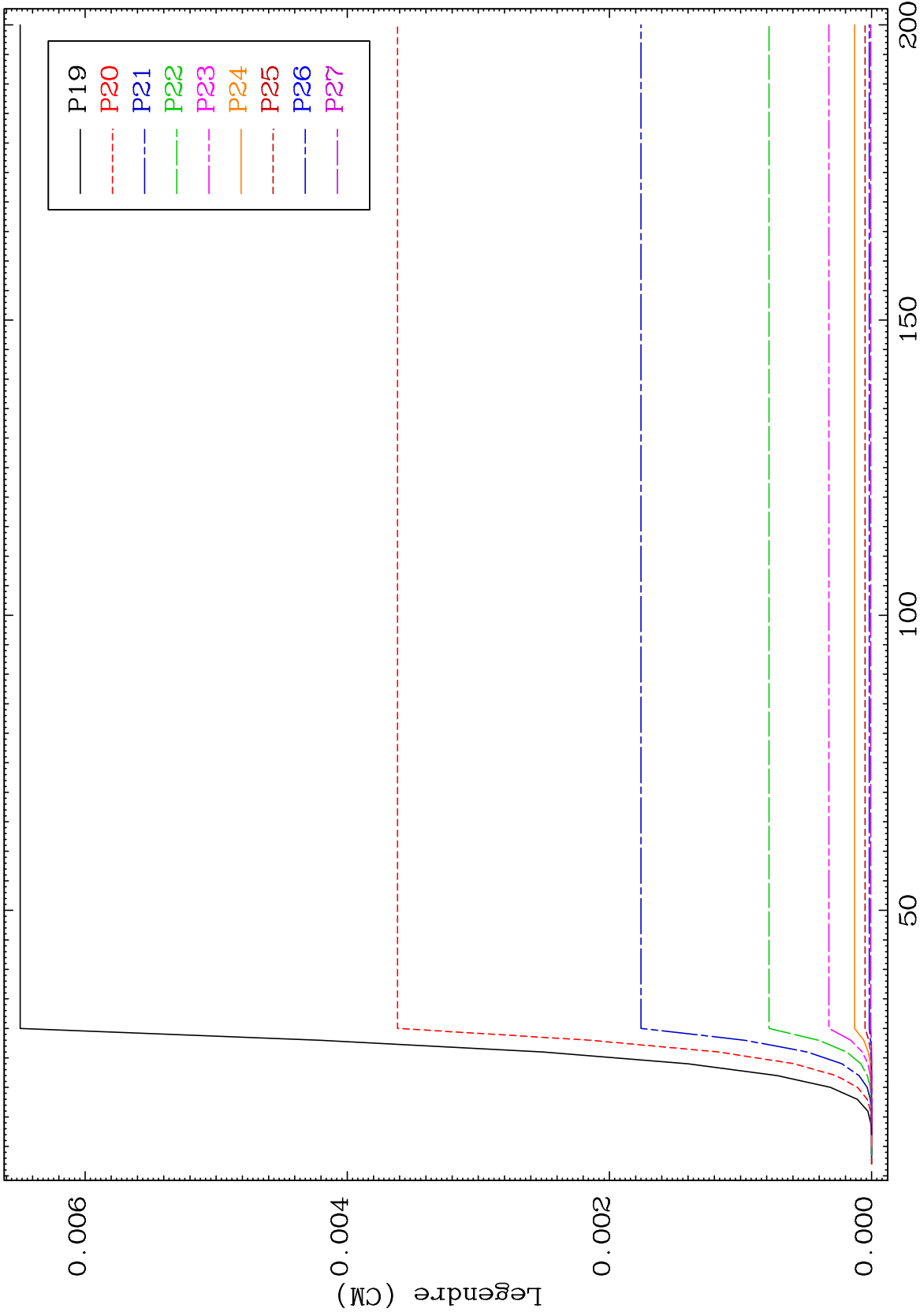
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



22

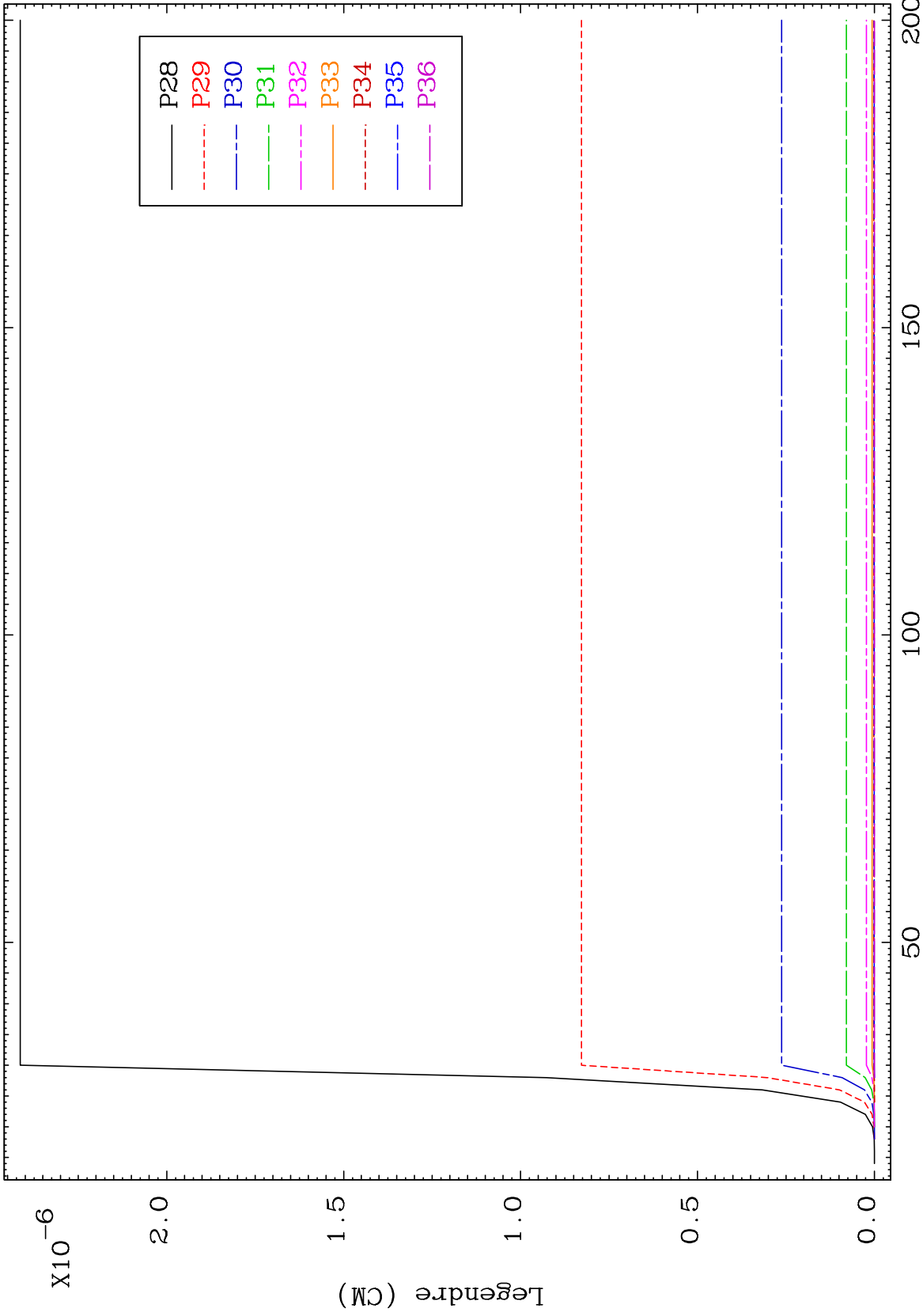
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

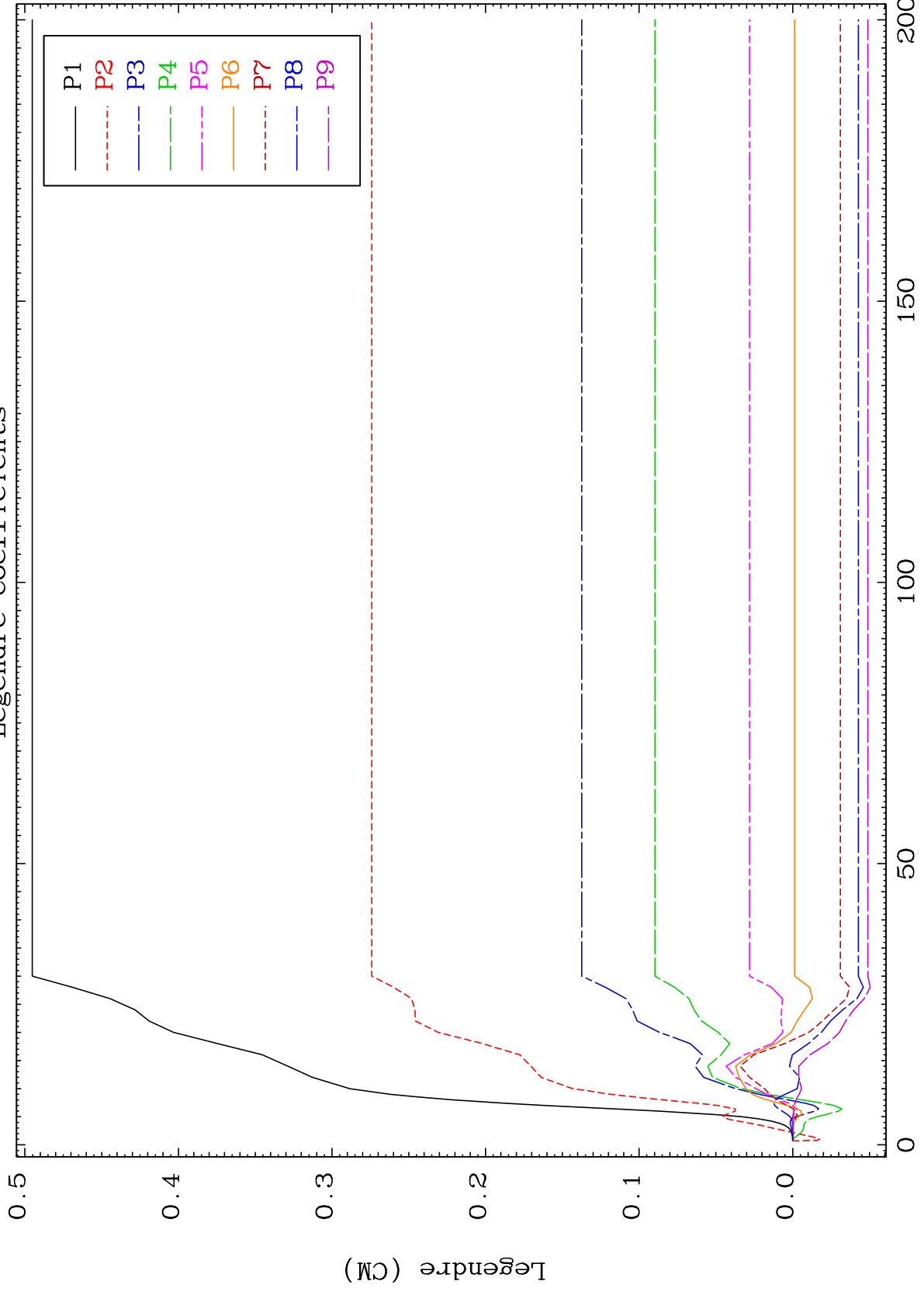
46-Pd-114



23

46-Pd-114

MAT 4661 MT= 52 (n,n') Level Legendre Coefficients 46-Pd-114

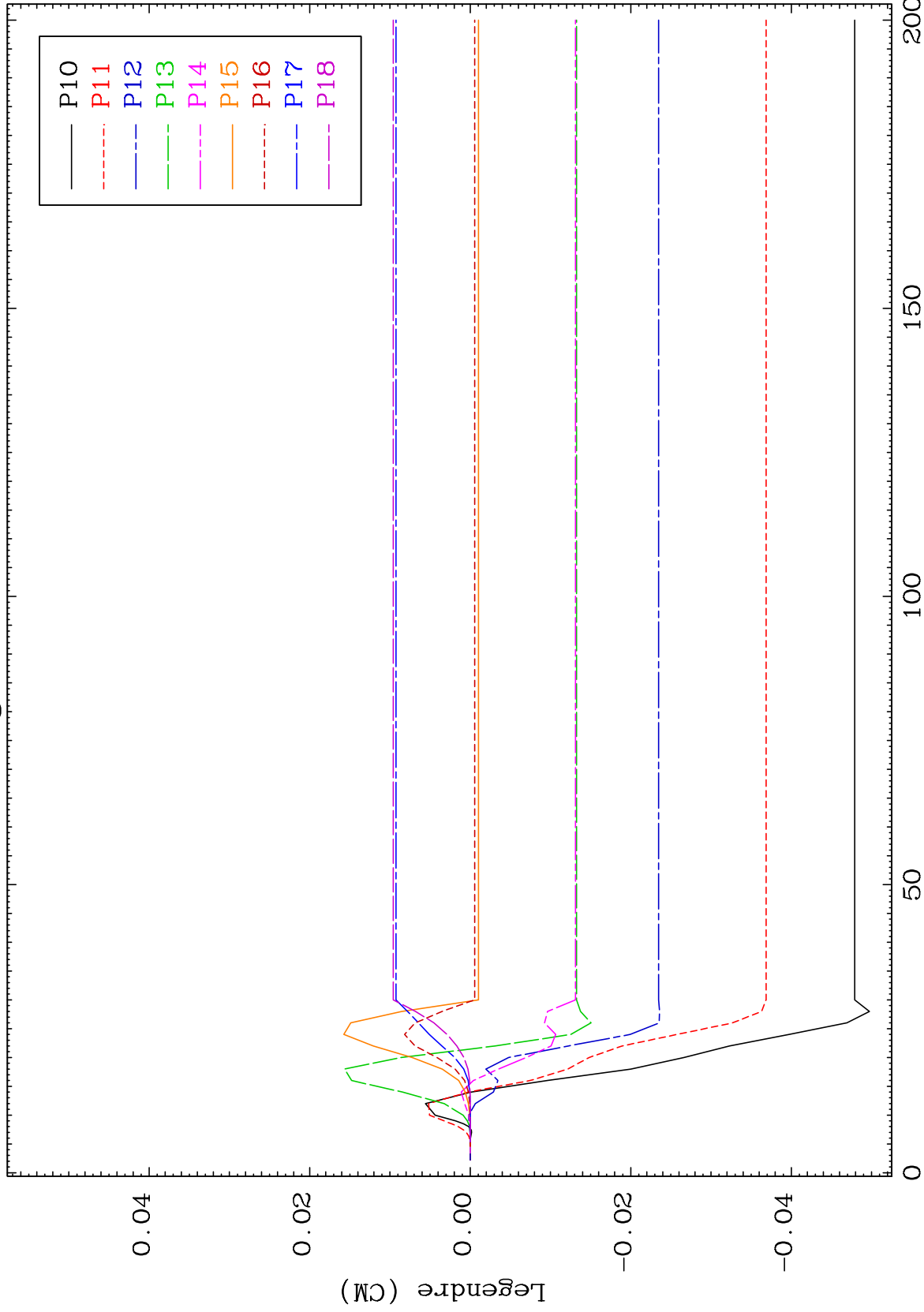


24 46-Pd-114

MAT 4661

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

46-Pd-114



25

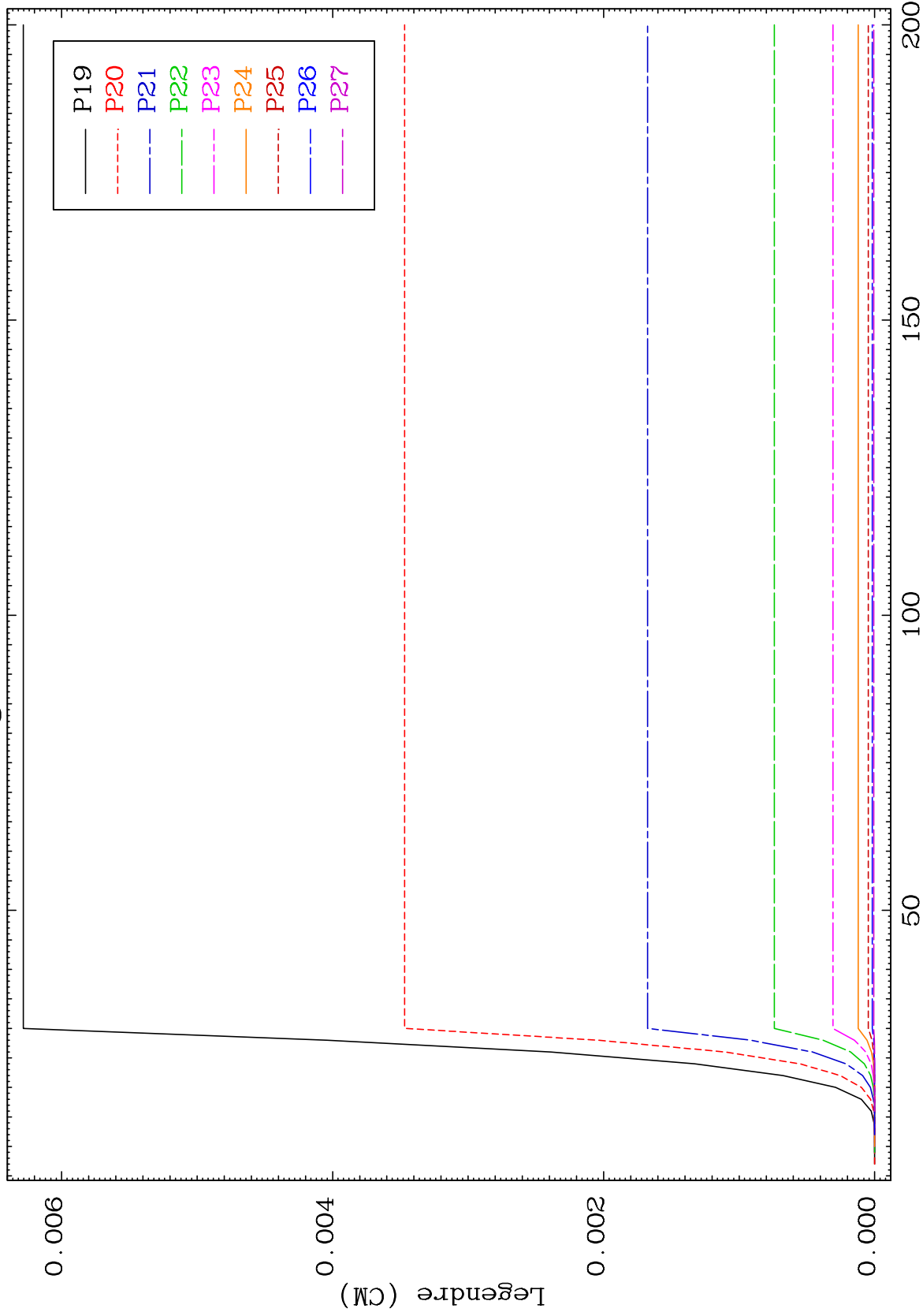
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



26

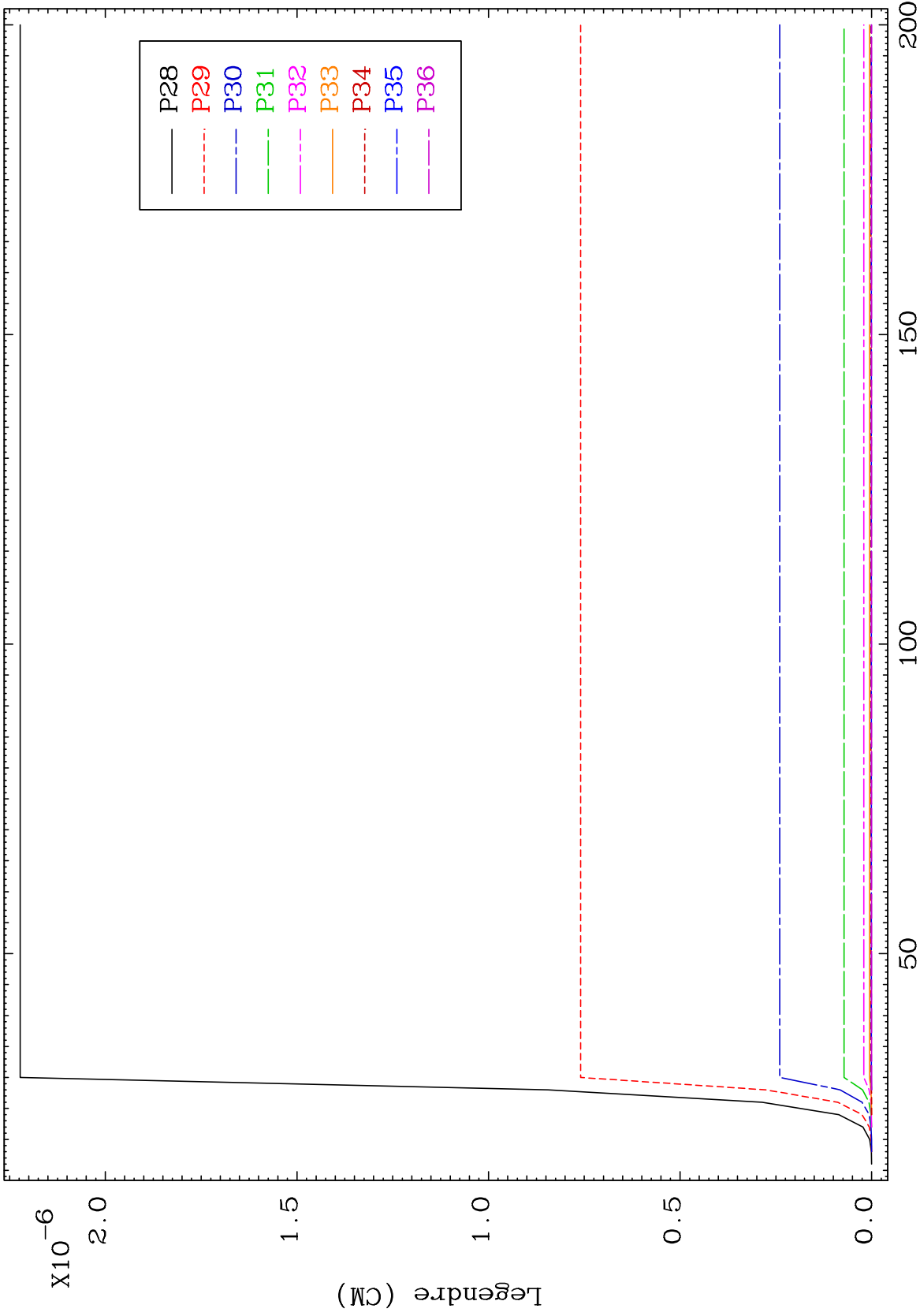
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



27

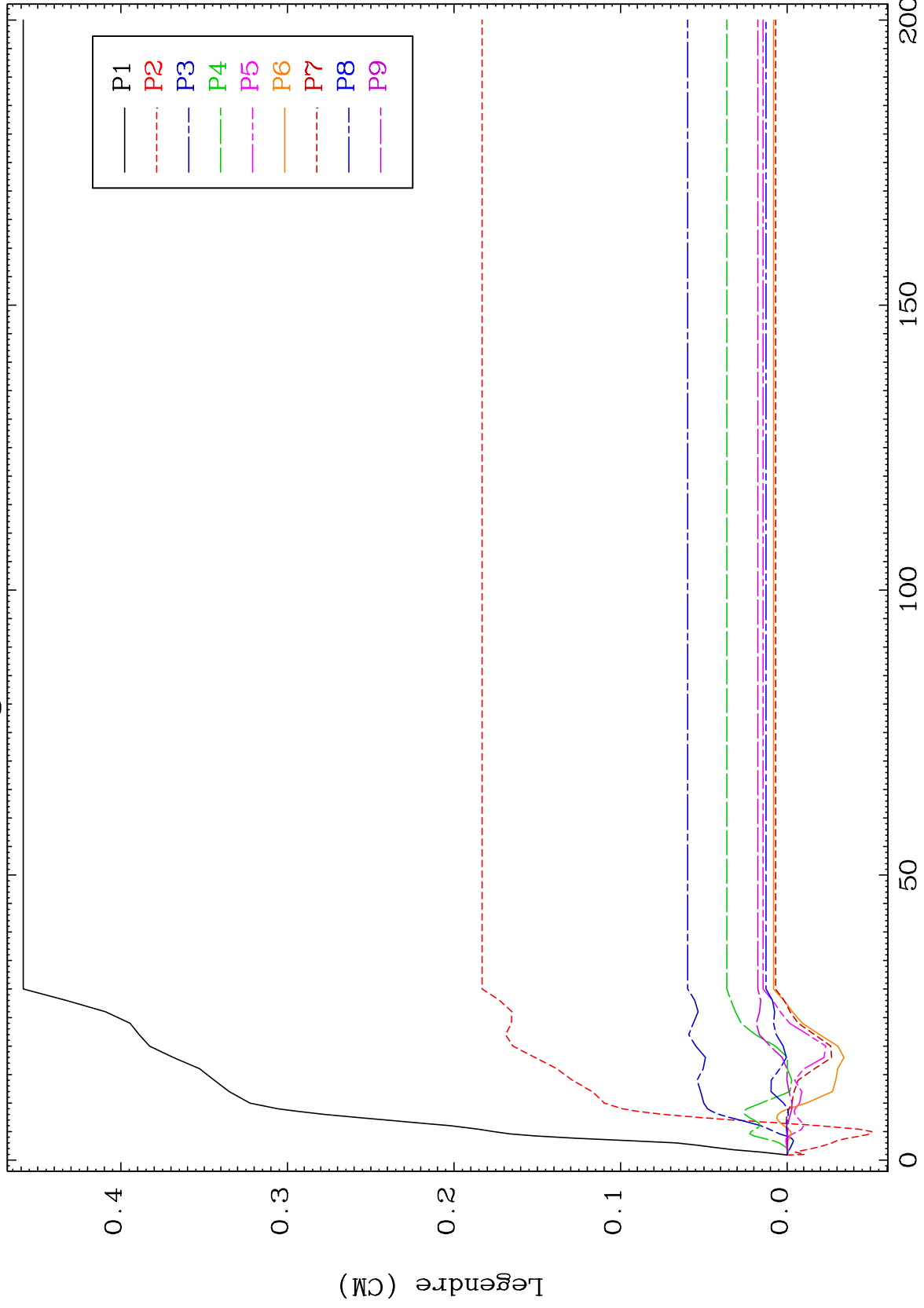
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



28

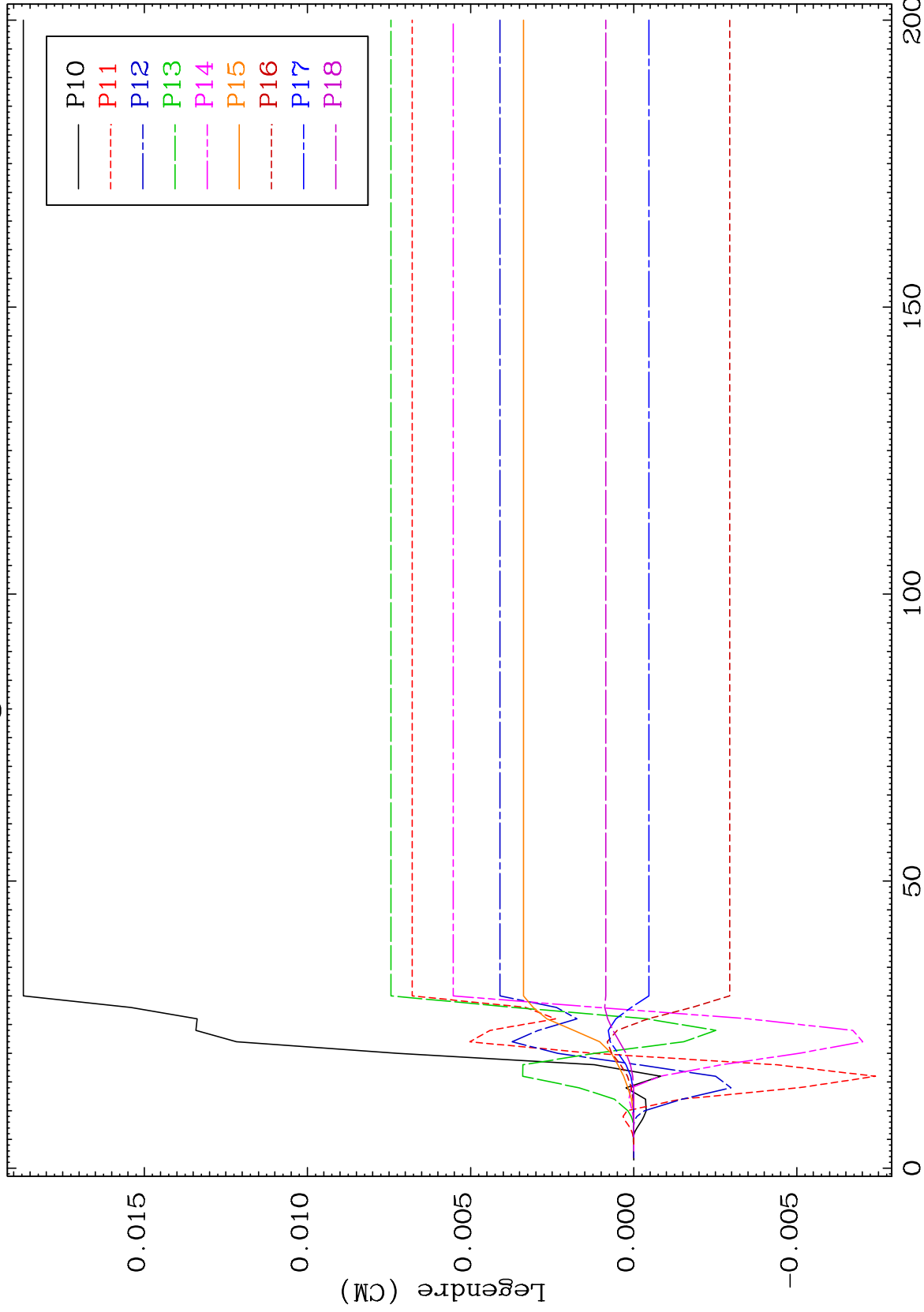
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



29

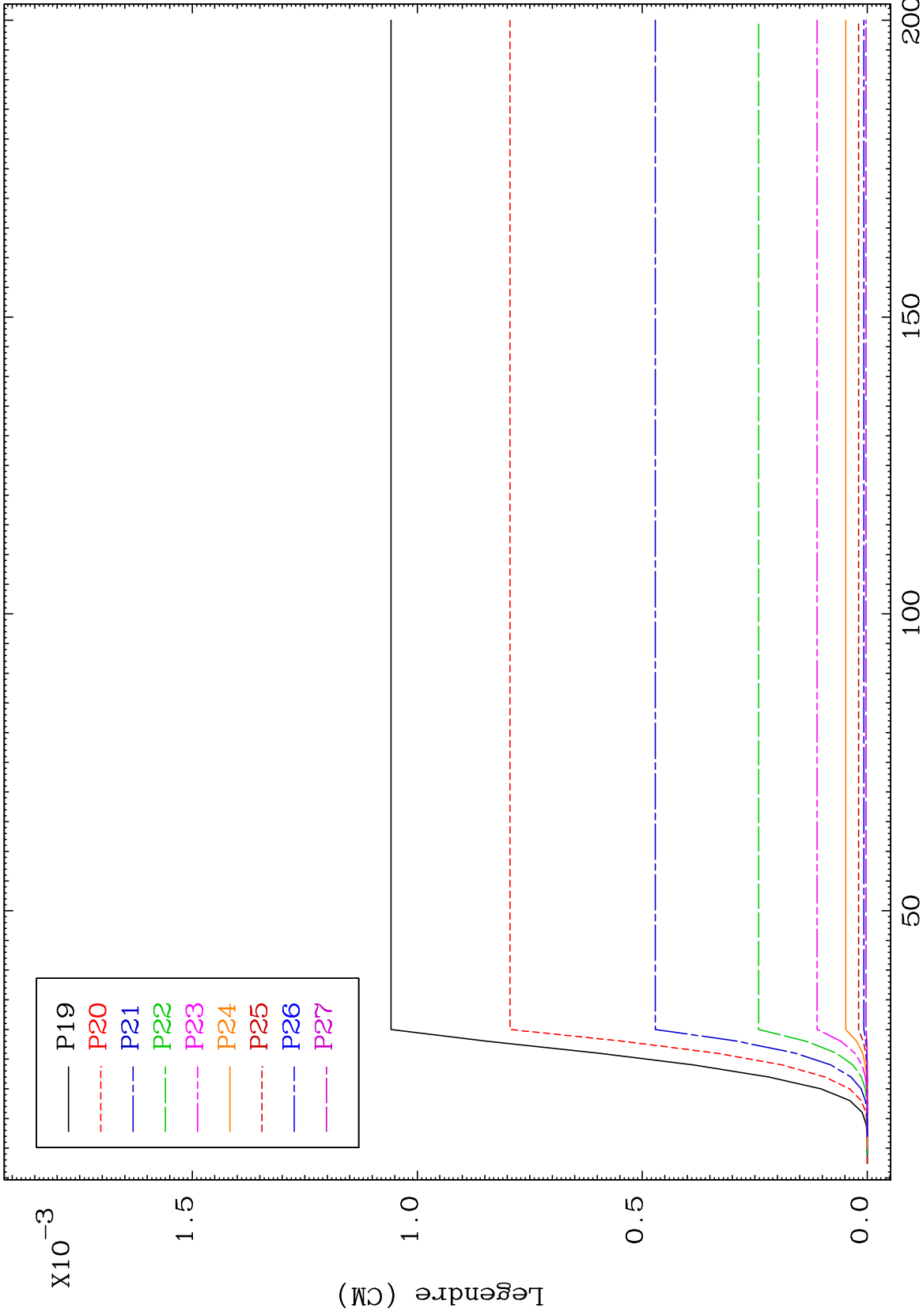
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



30

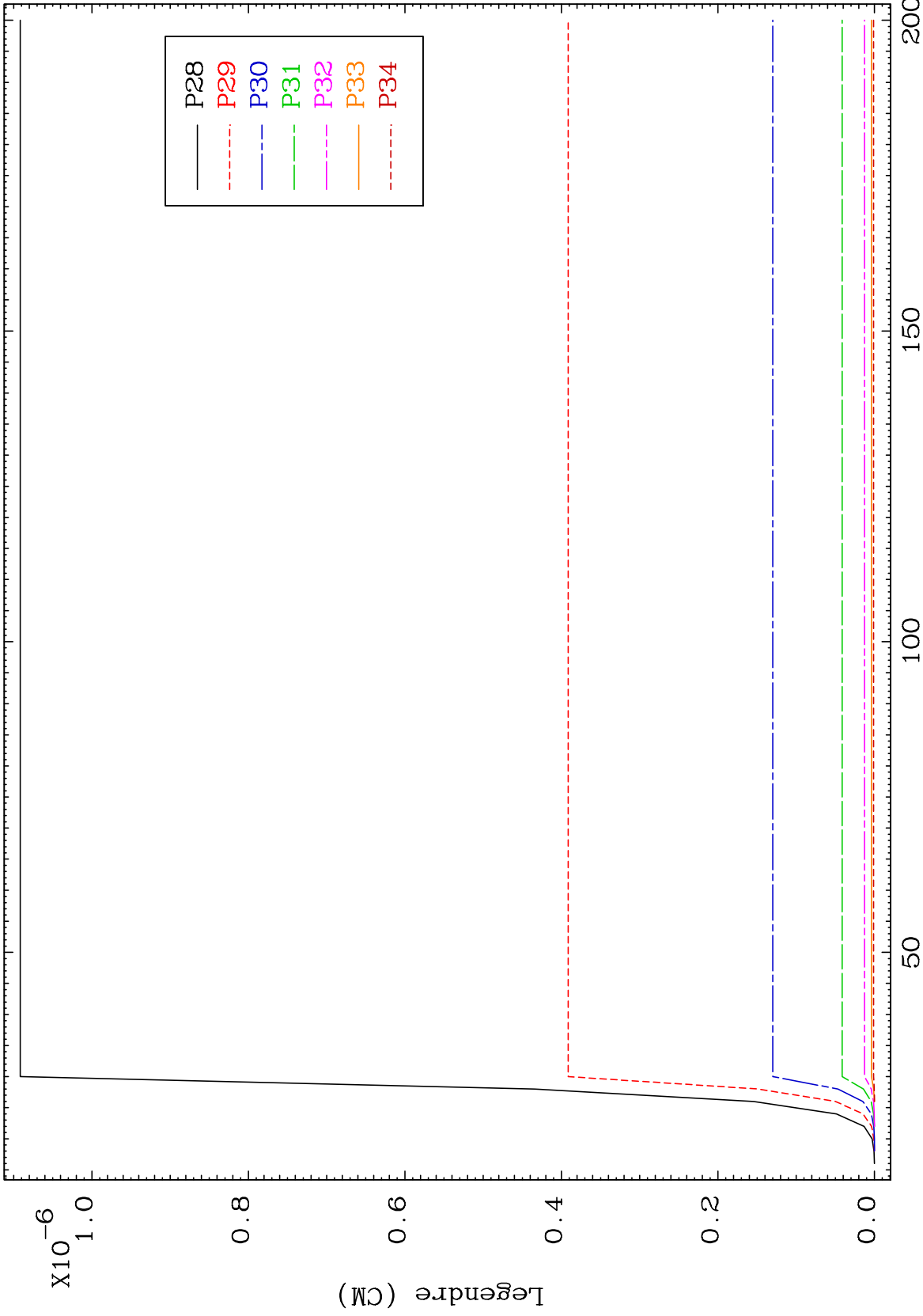
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



31

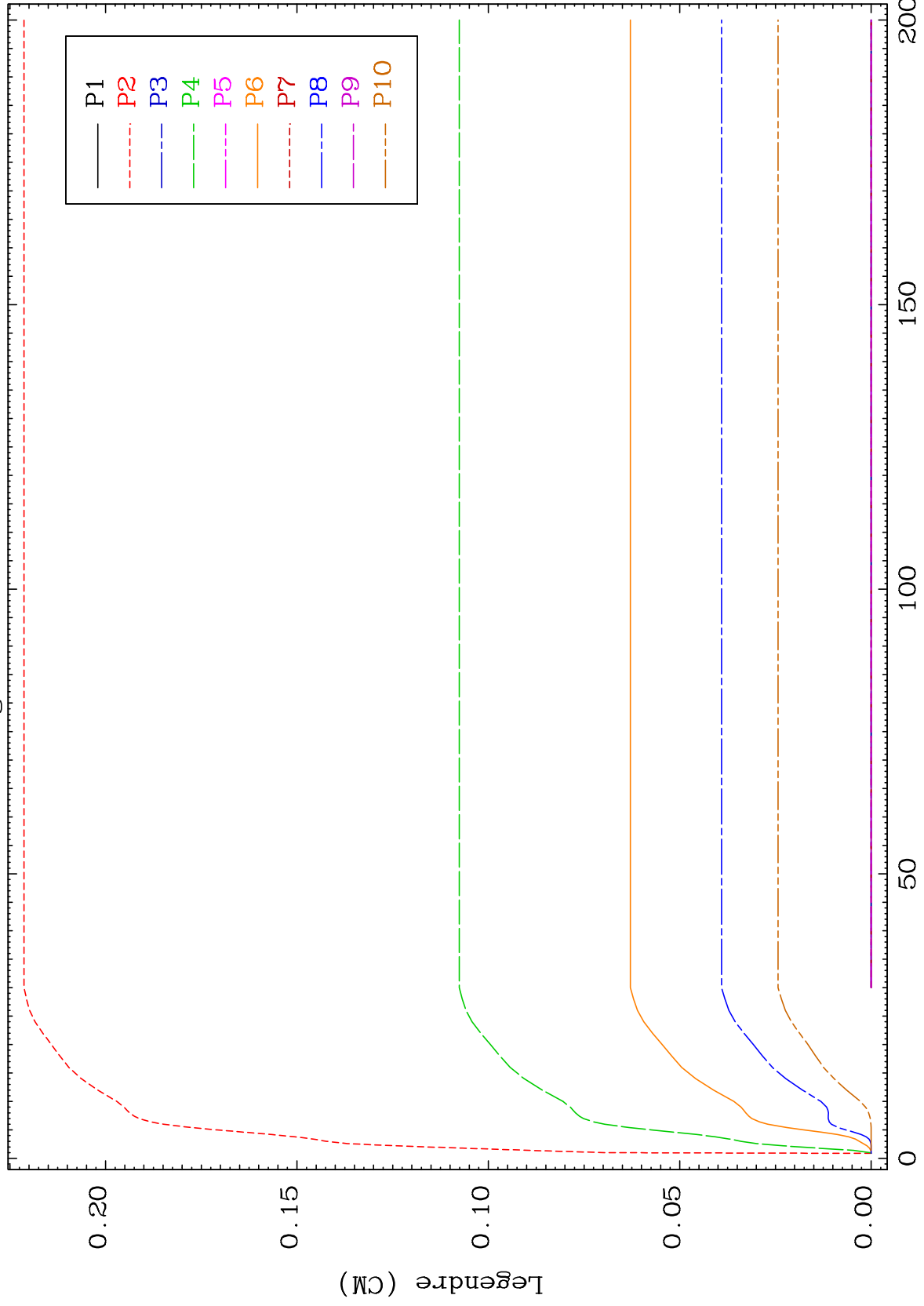
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



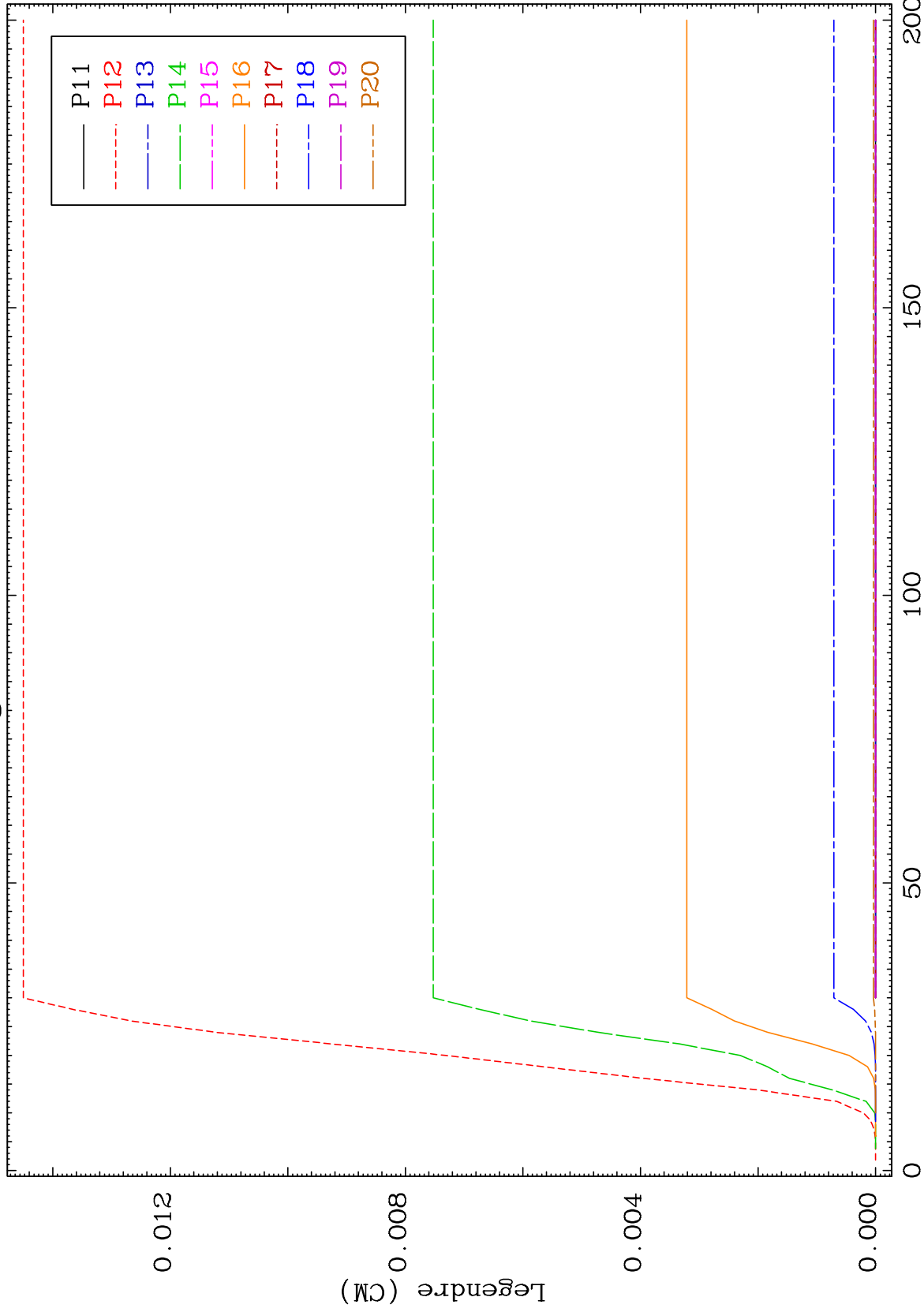
32

46-Pd-114

MAT 4661

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

46-Pd-114



33

Incident Energy (MeV)

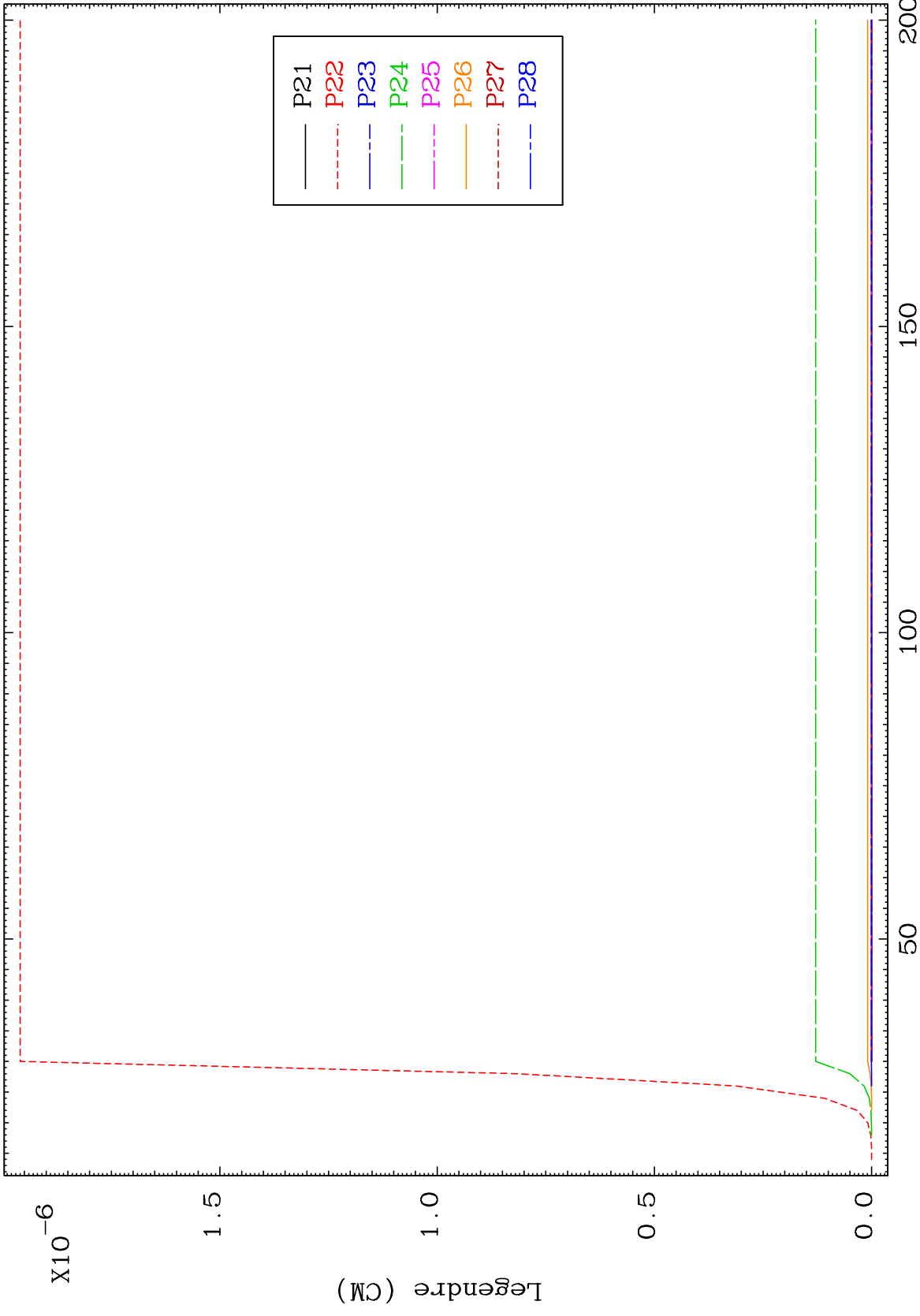
46-Pd-114

MAT 4661

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

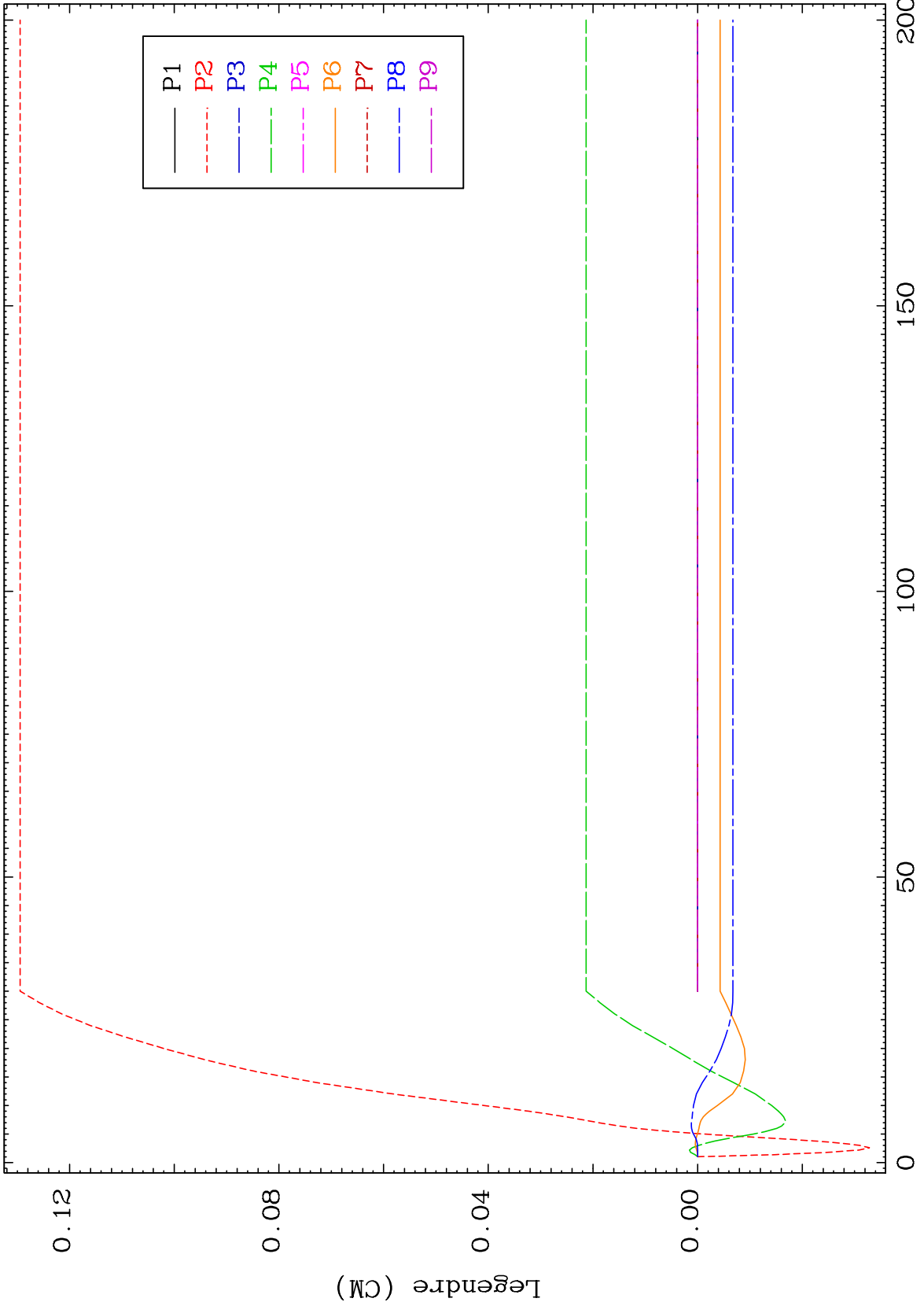
46-Pd-114

46-Pd-114



34

MAT 4661 MT= 55 (n,n') Level Legendre Coefficients 46-Pd-114

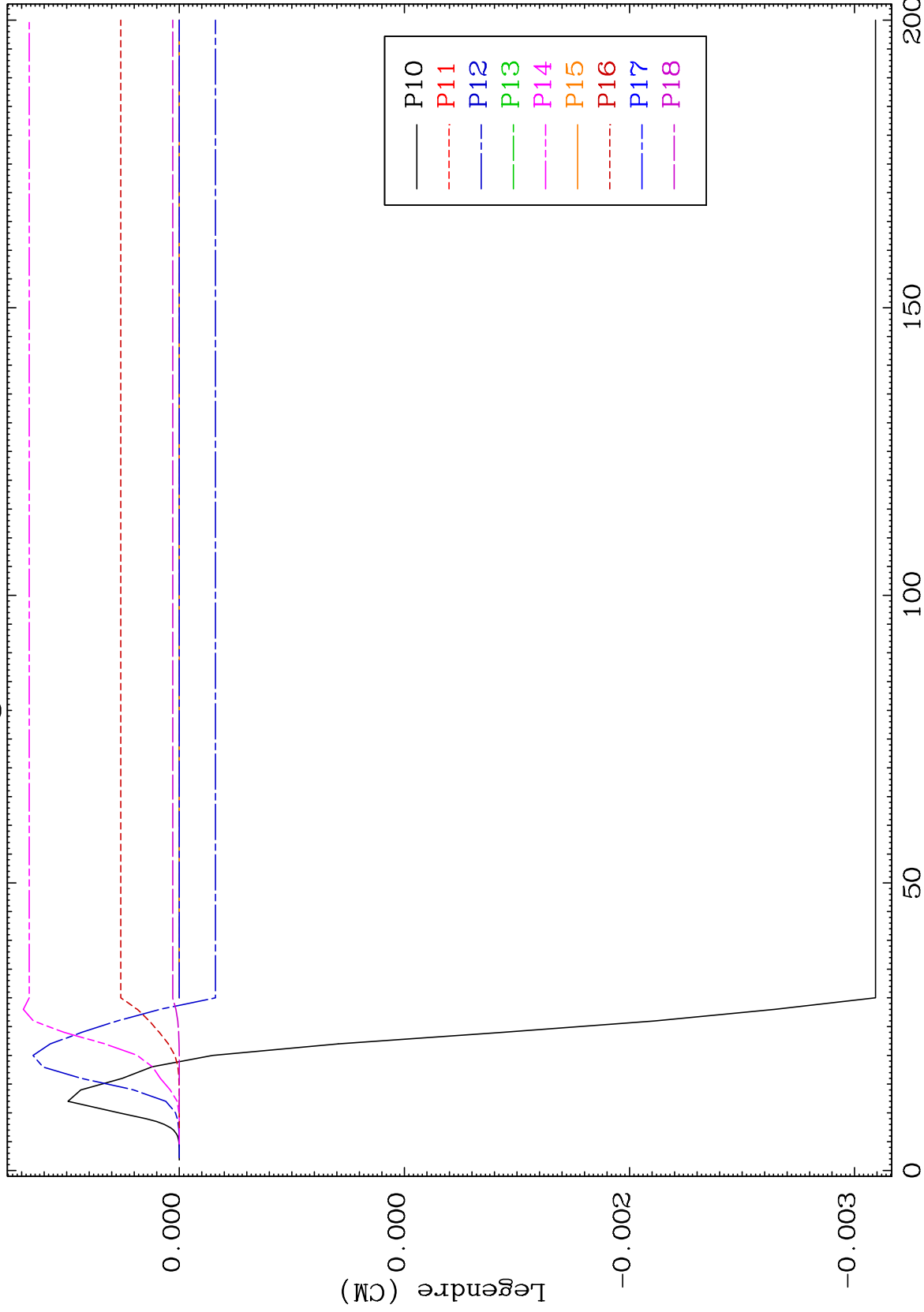


35 Incident Energy (MeV) 46-Pd-114

MAT 4661

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

46-Pd-114



36

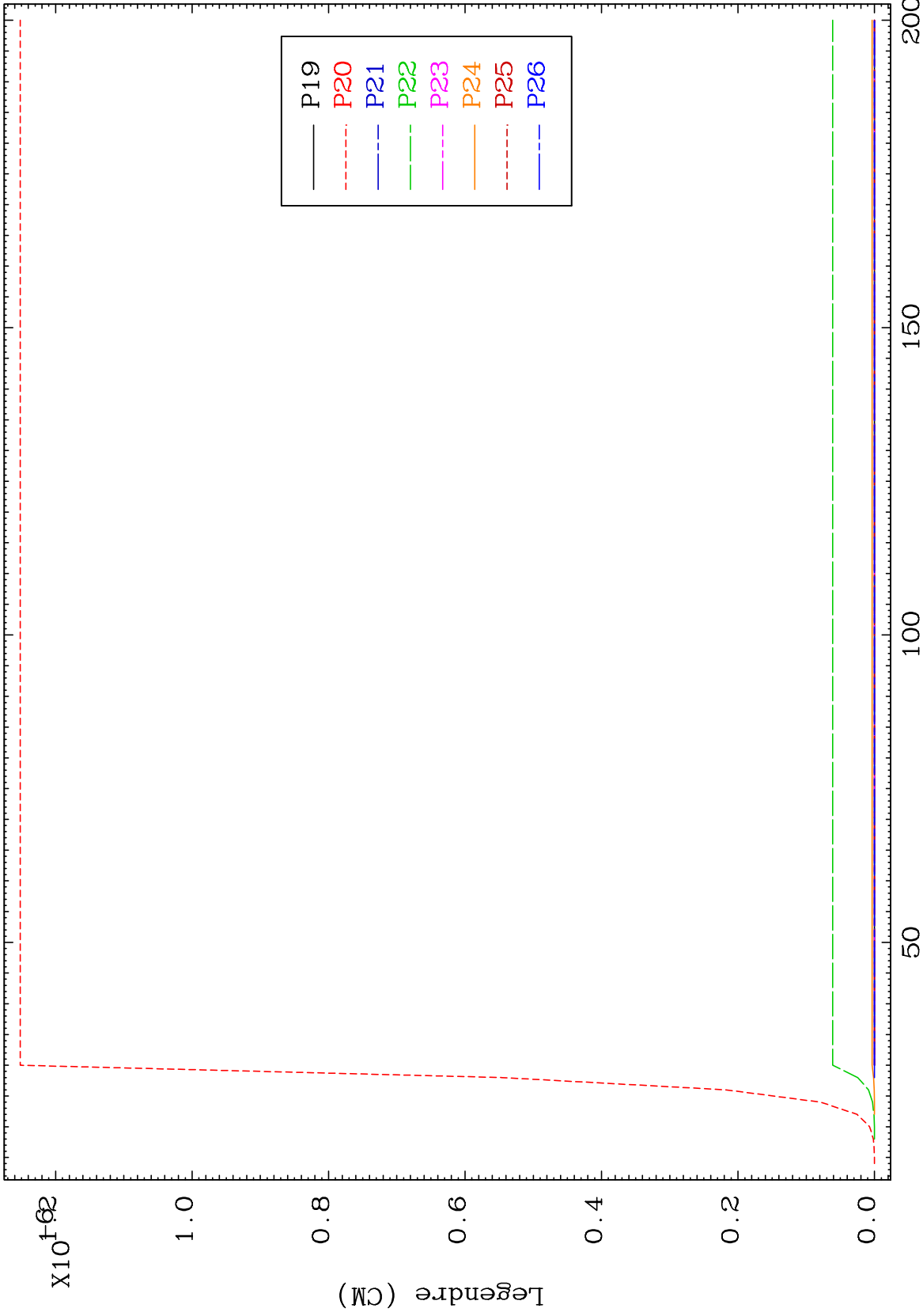
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



46-Pd-114

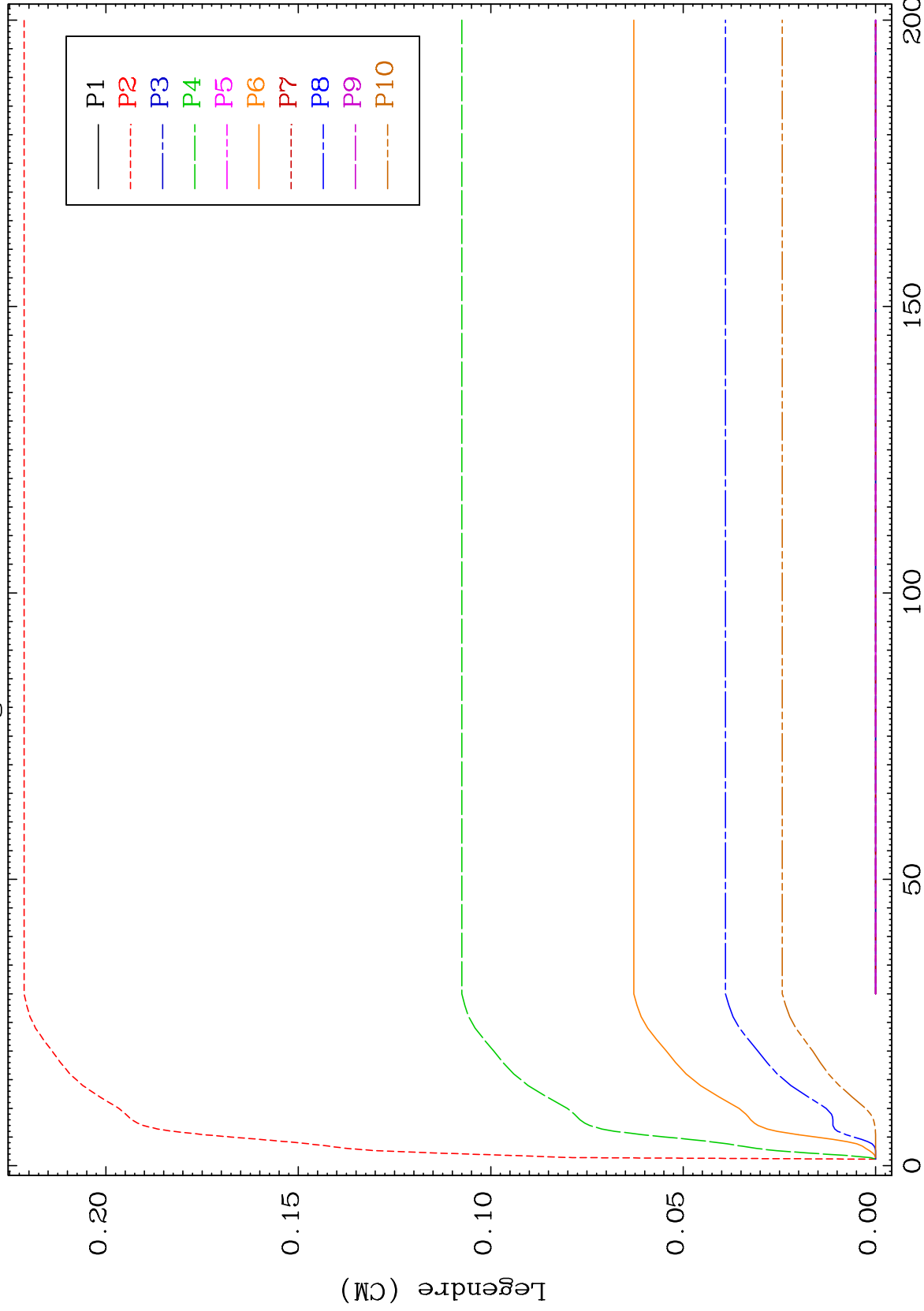
Incident Energy (MeV)

37

MAT 4661

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

46-Pd-114



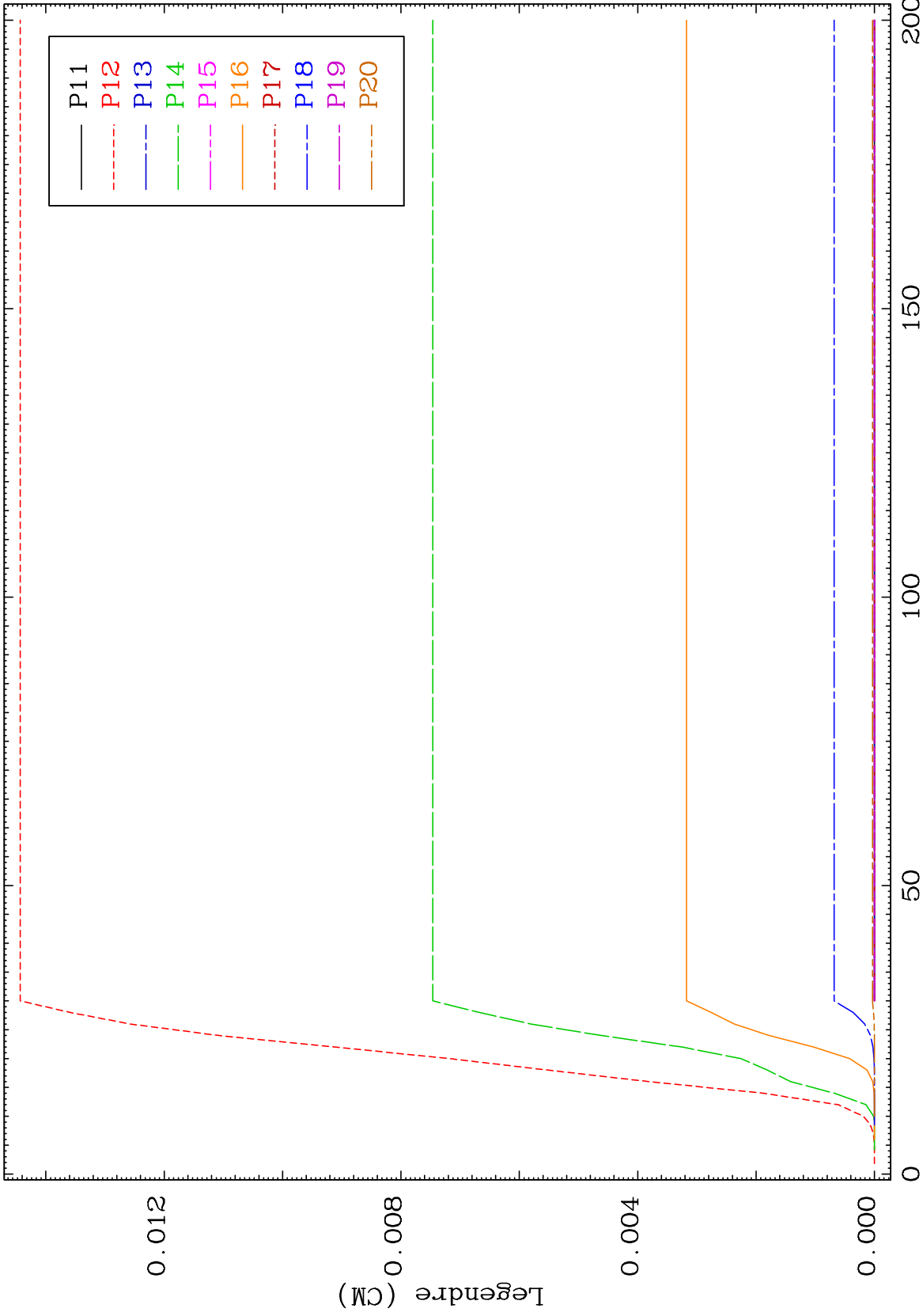
38

46-Pd-114

MAT 4661

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

46-Pd-114



39

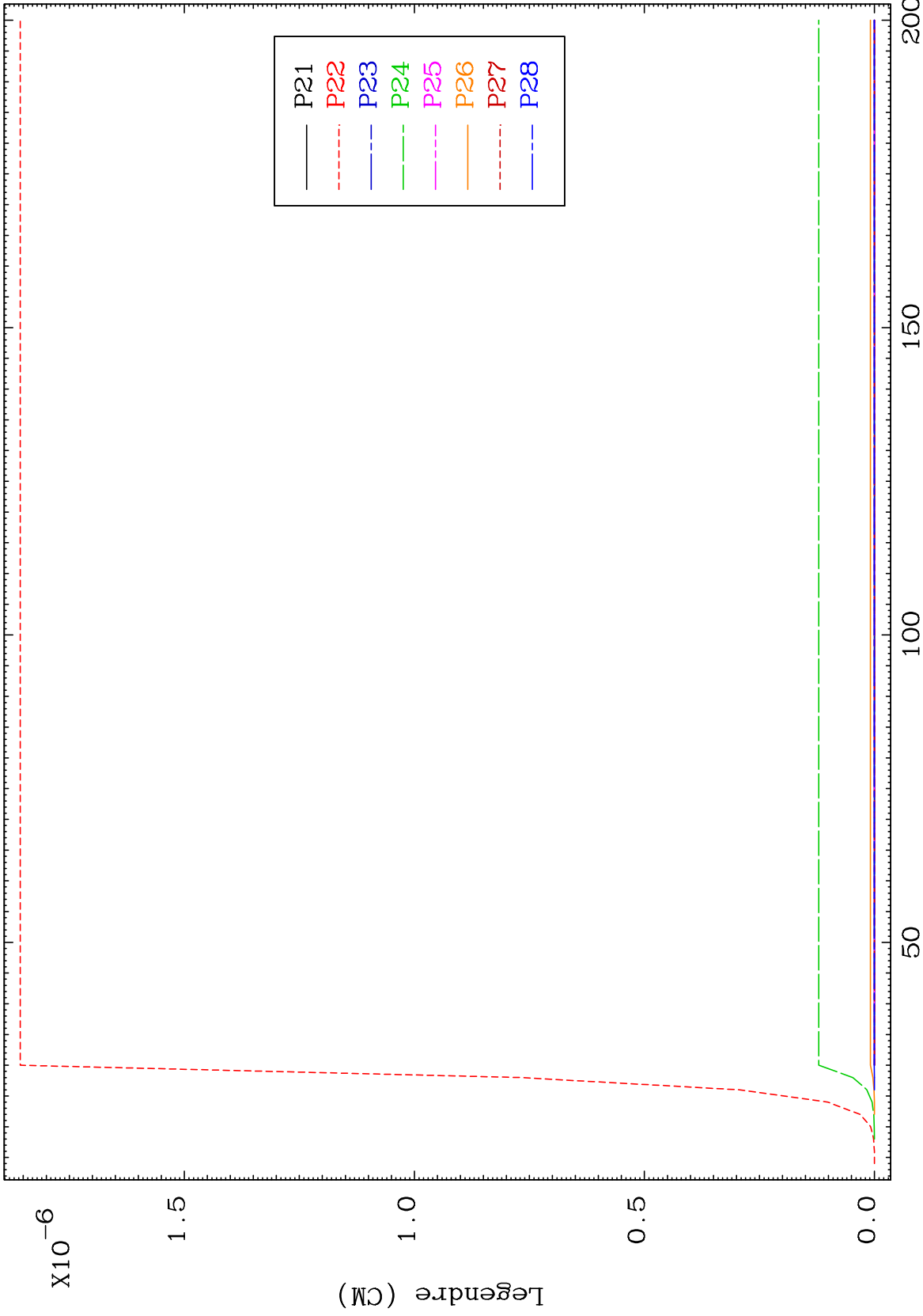
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



40

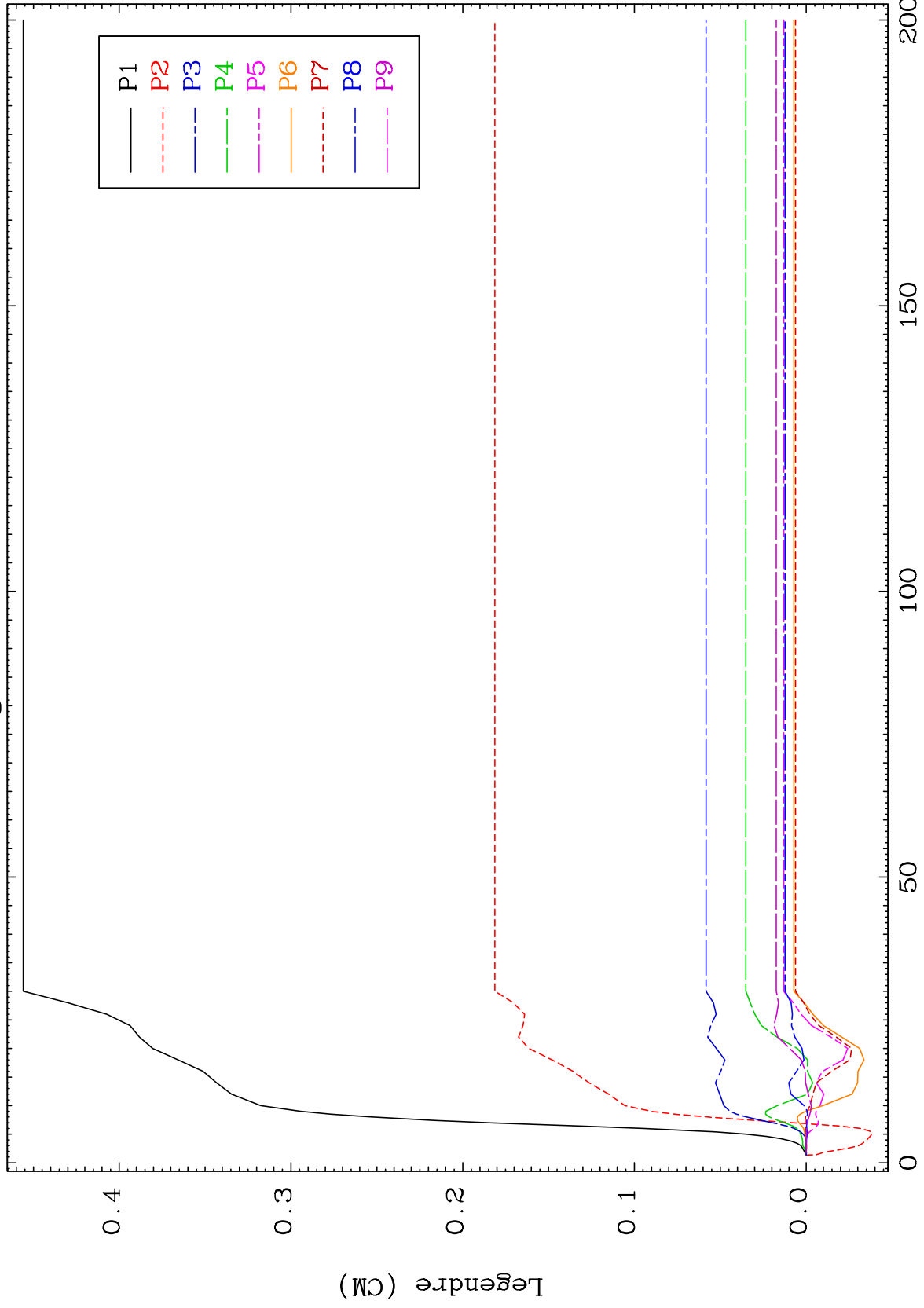
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



41

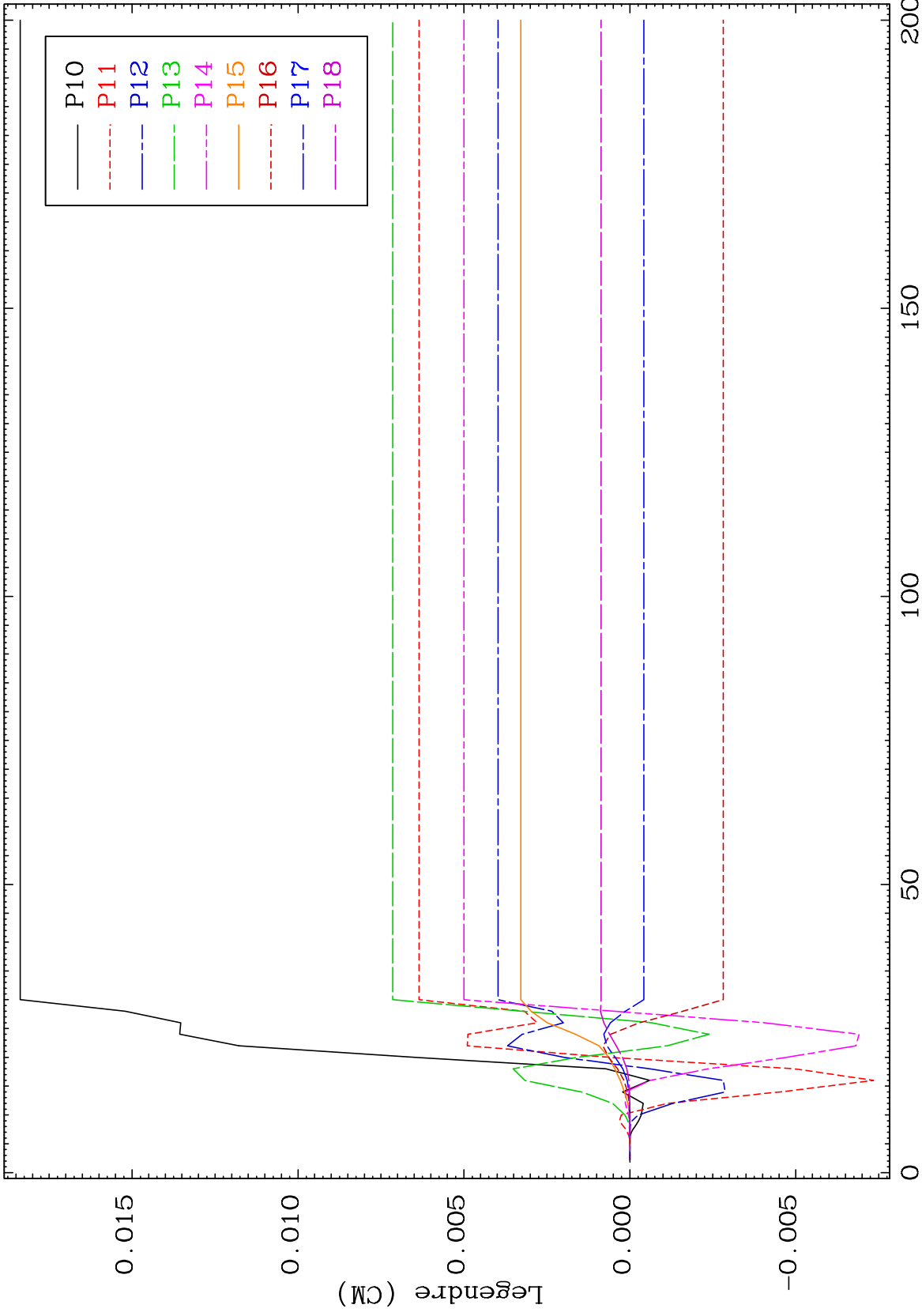
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



42

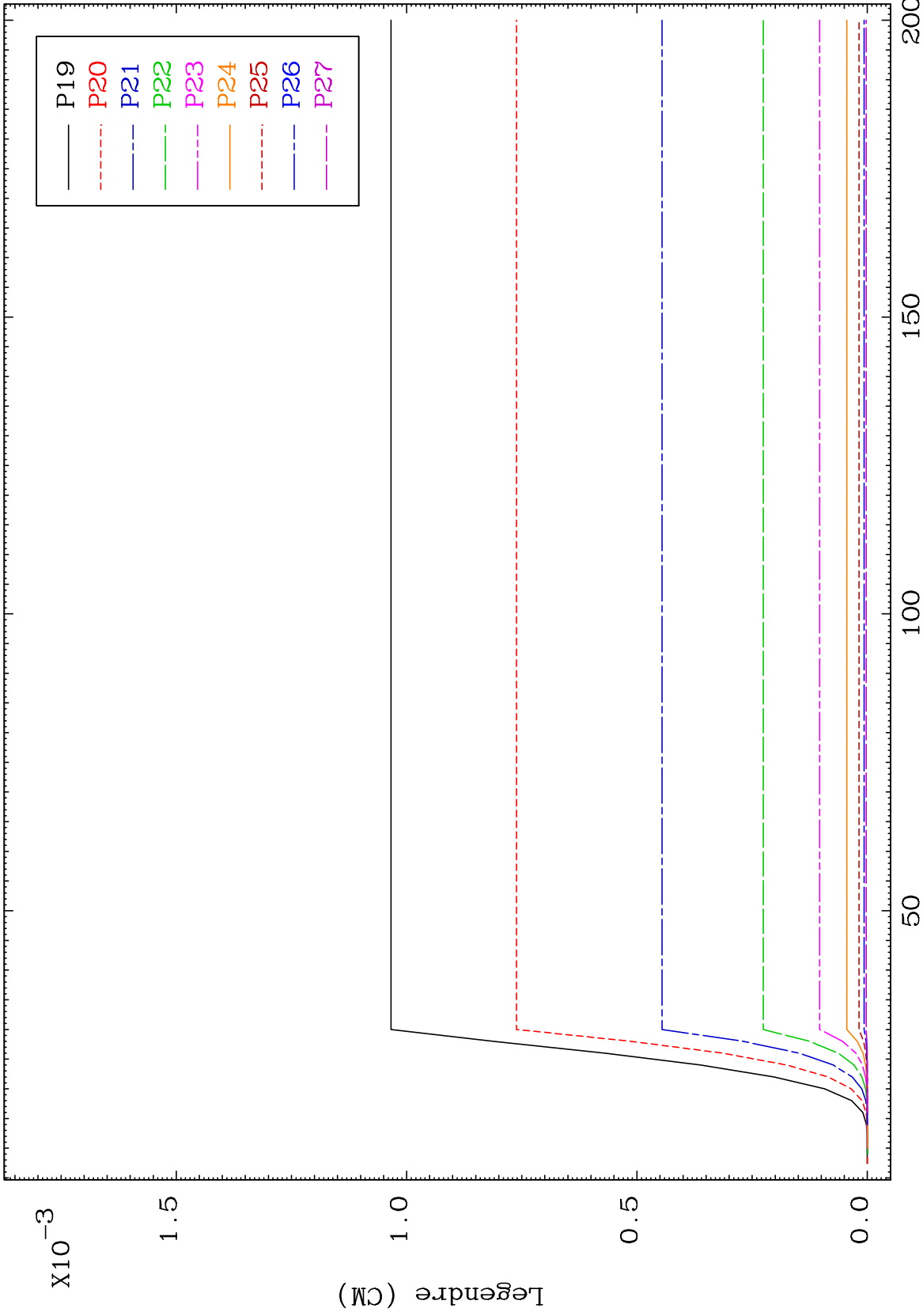
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



43

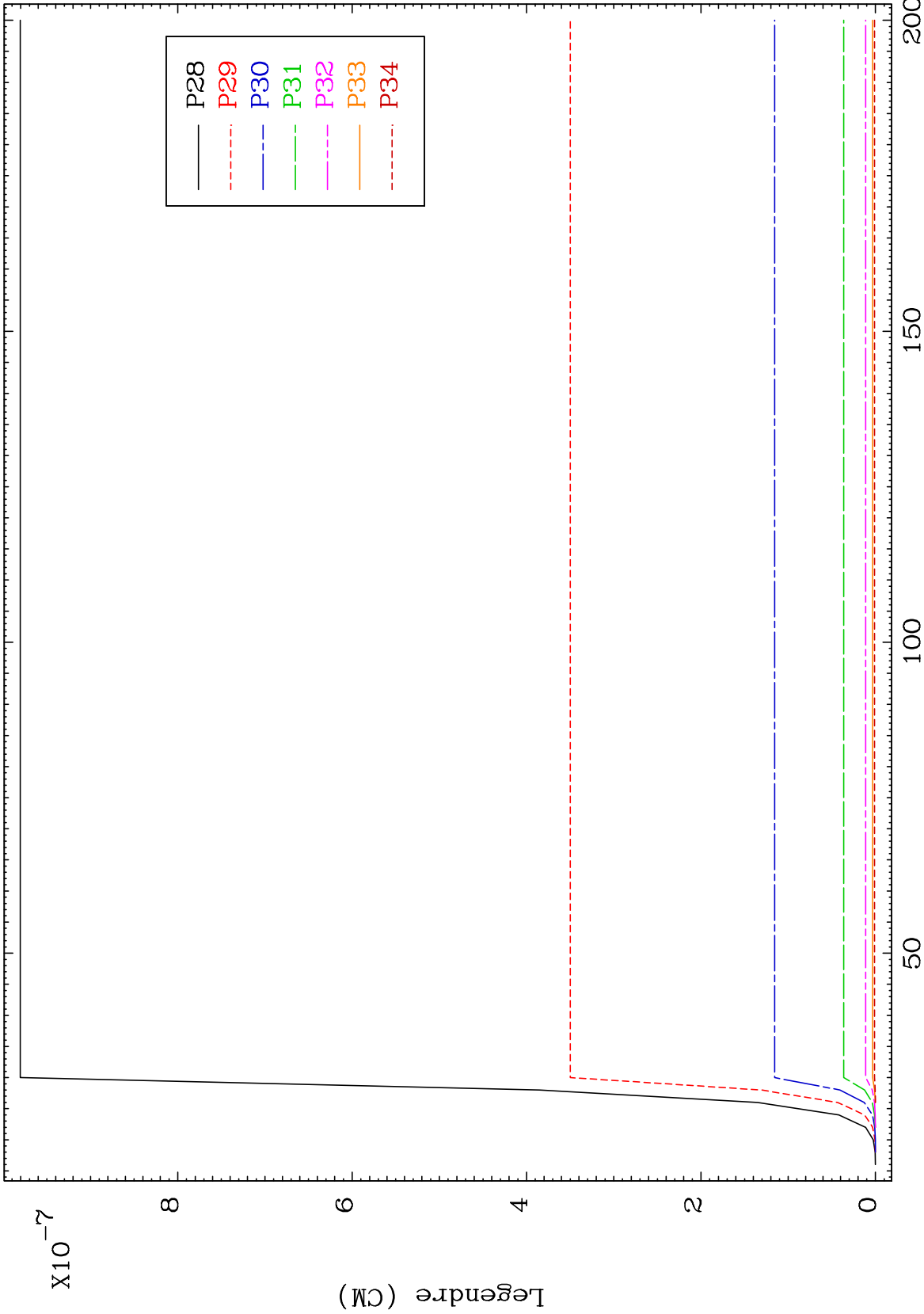
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114

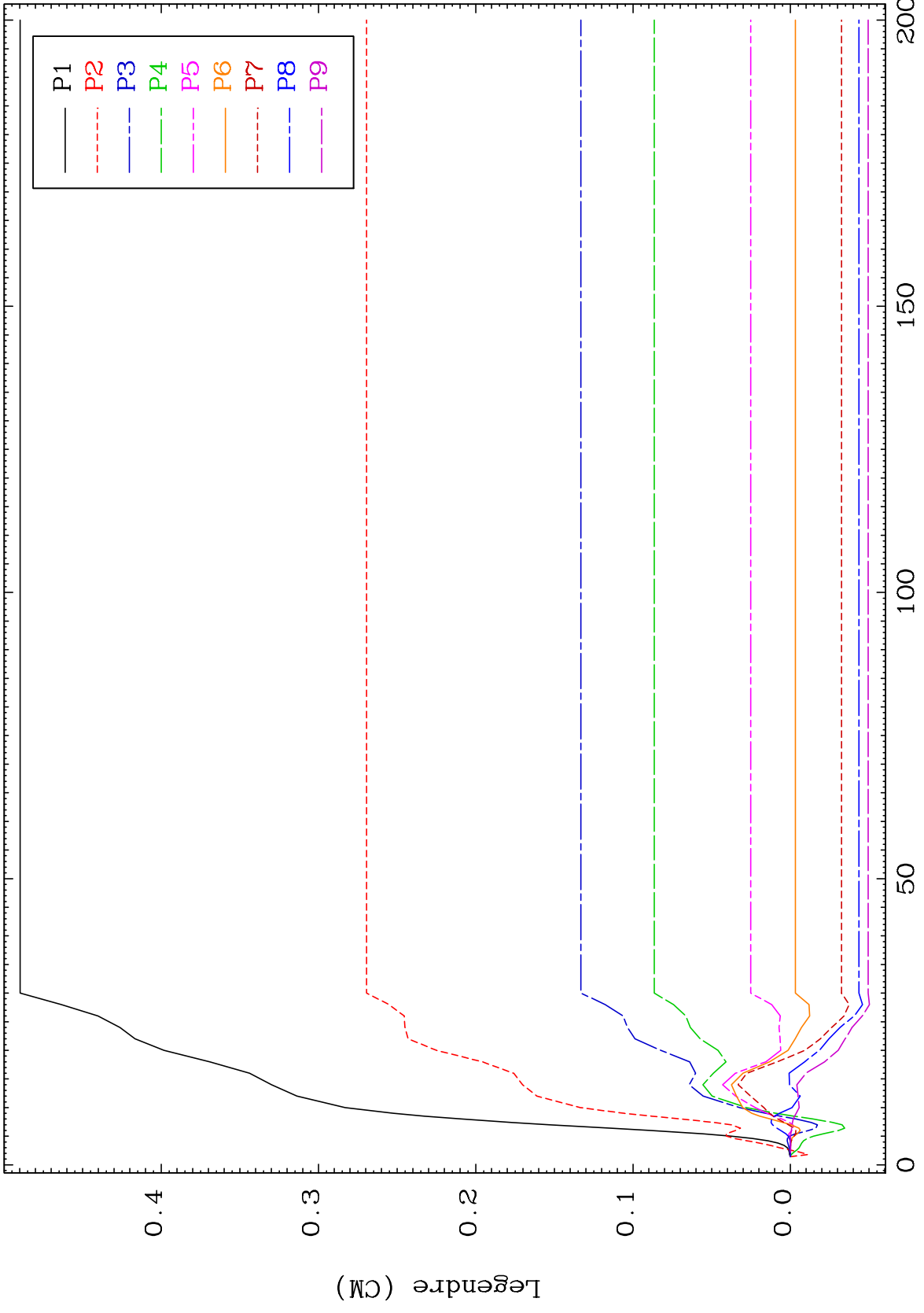


44

Incident Energy (MeV)

46-Pd-114

MAT 4661 MT= 58 (n,n') Level Legendre Coefficients 46-Pd-114

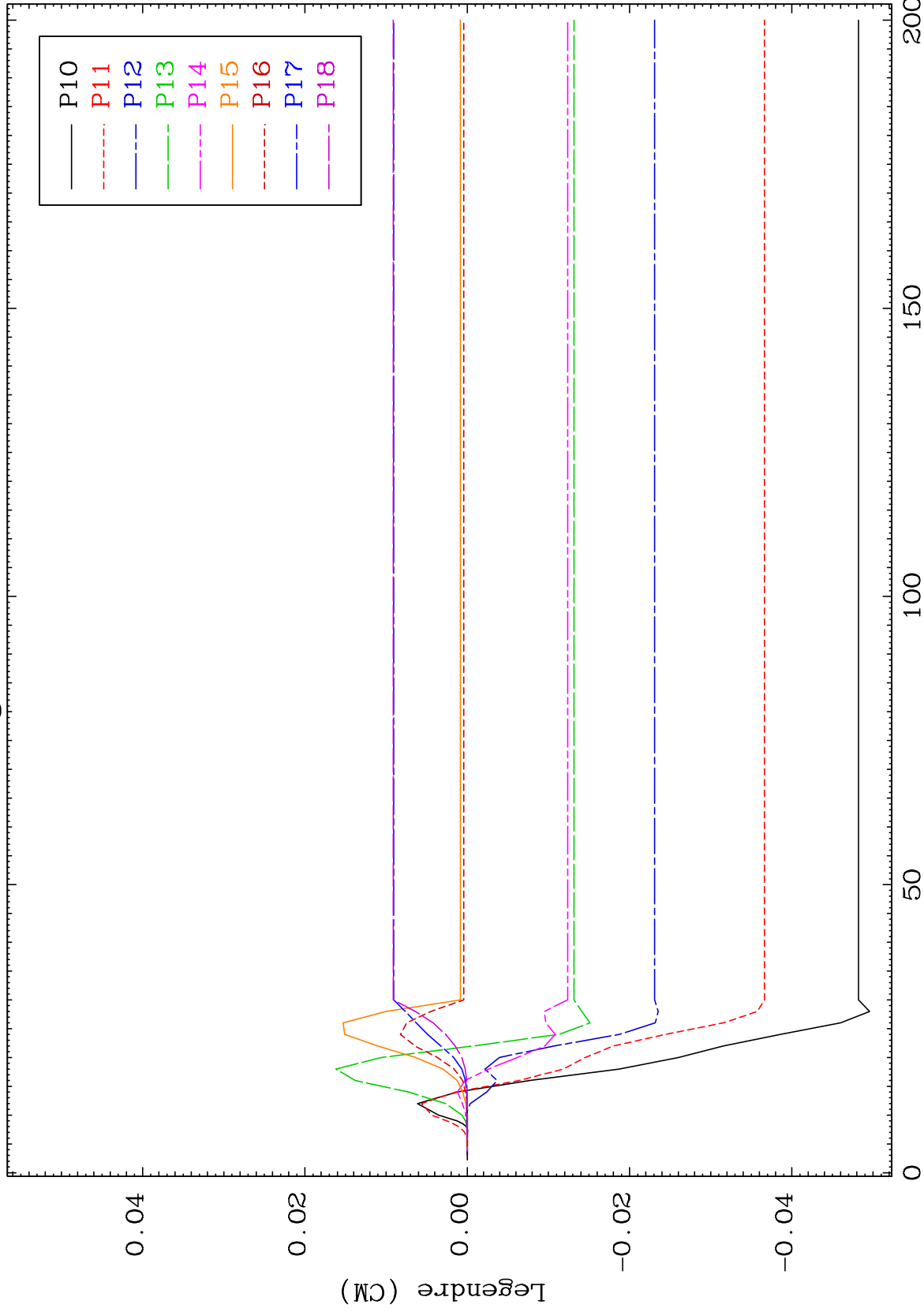


45 46-Pd-114 200

MAT 4661

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

46-Pd-114



46

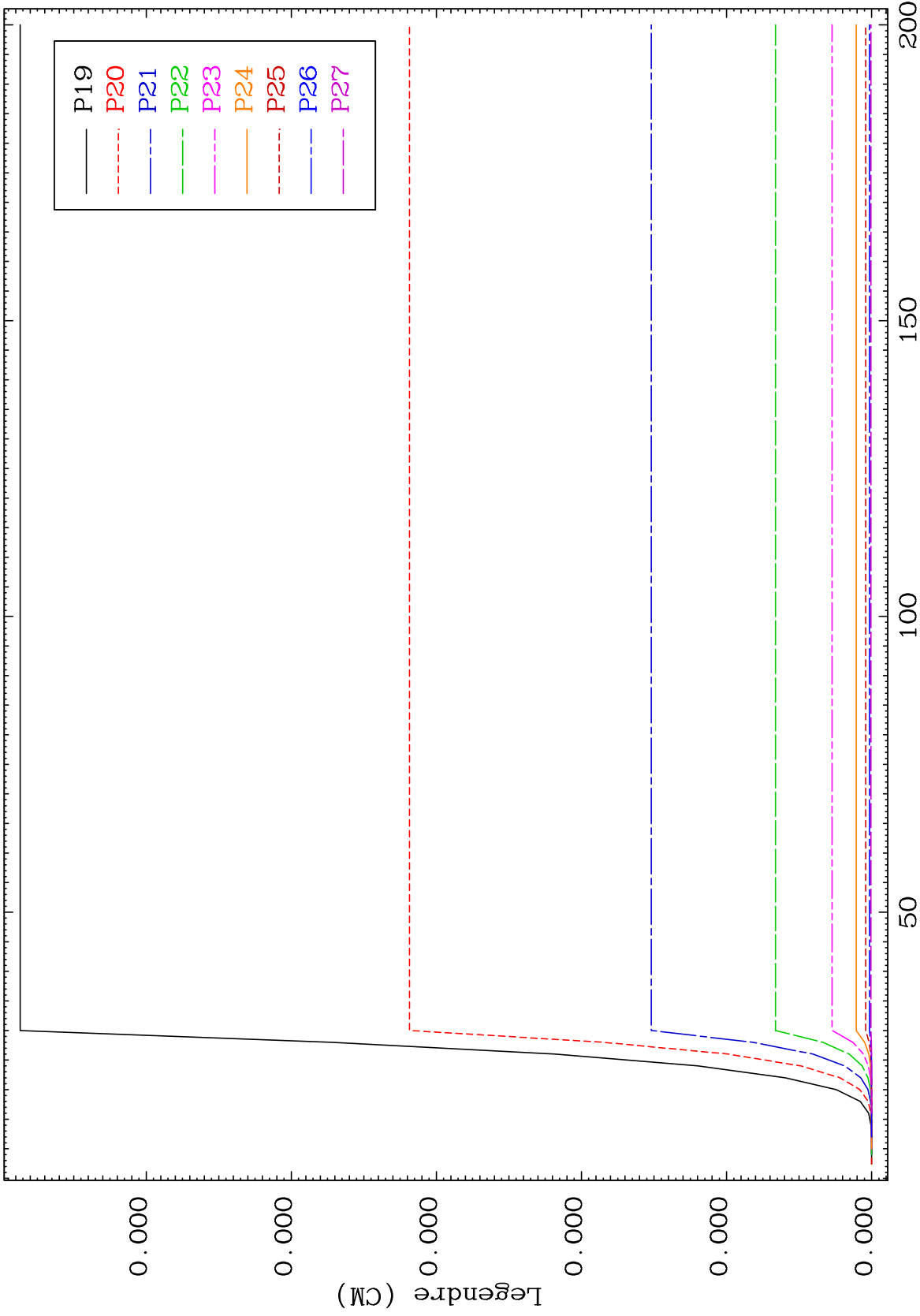
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



47

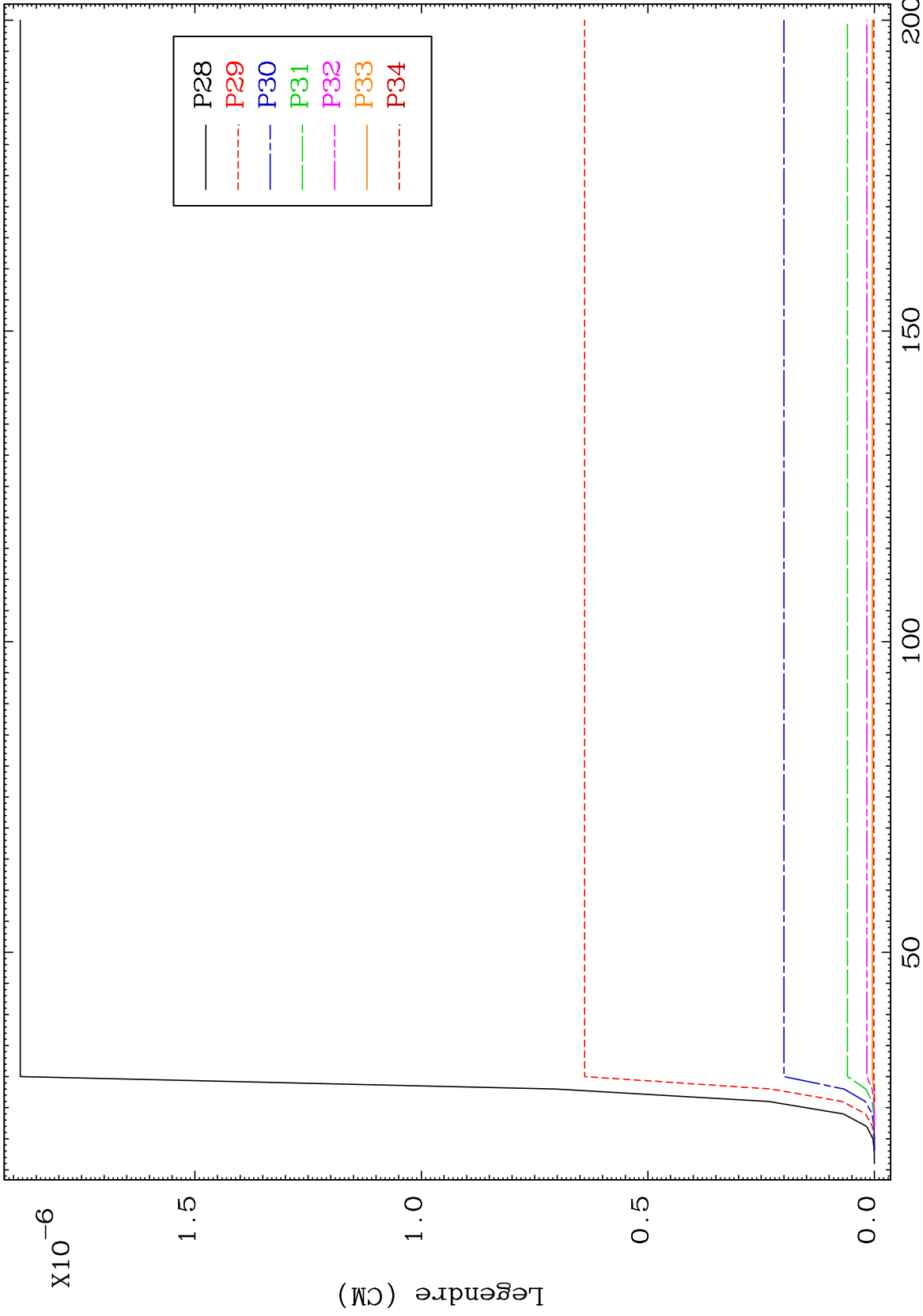
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



48

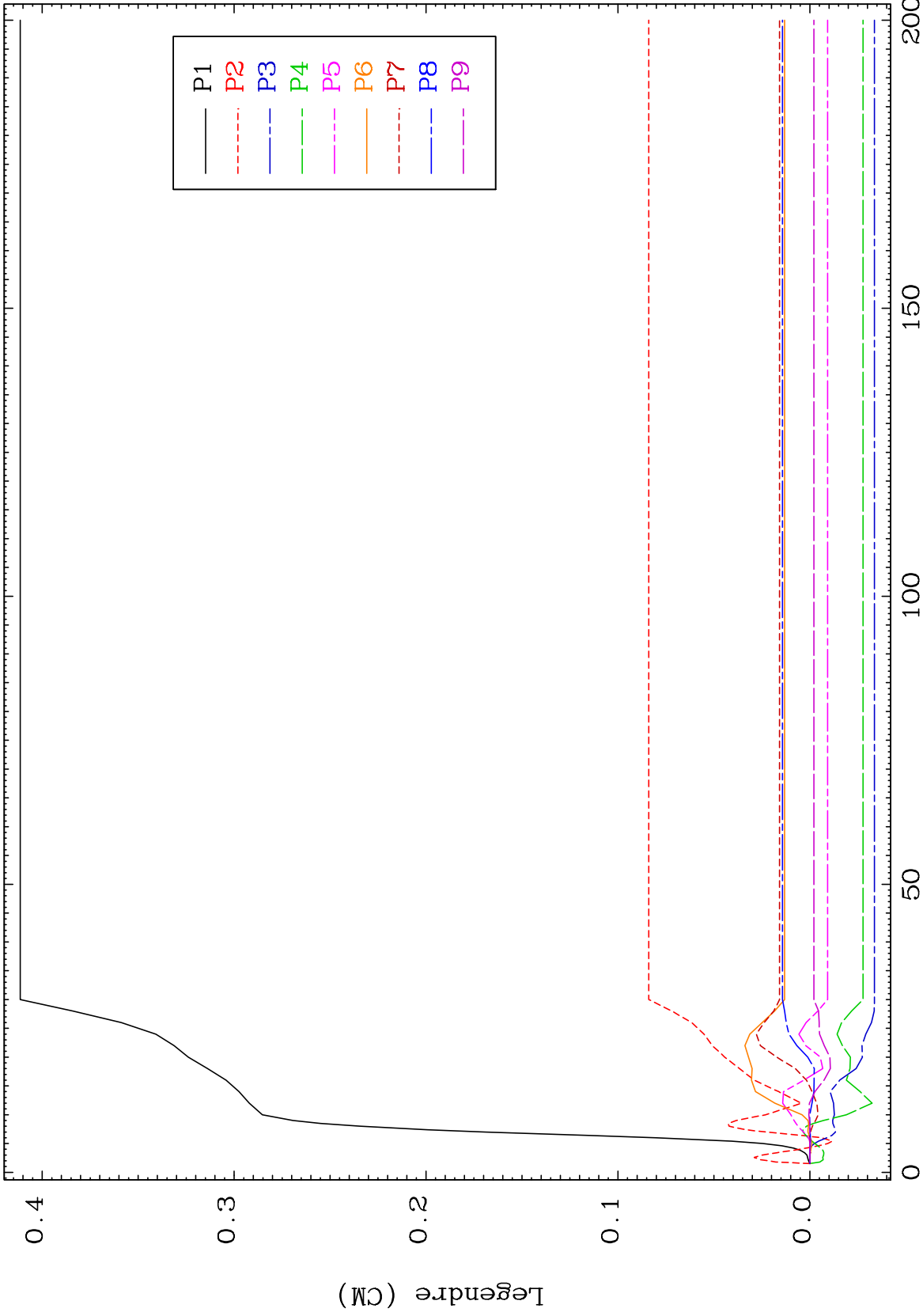
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



49

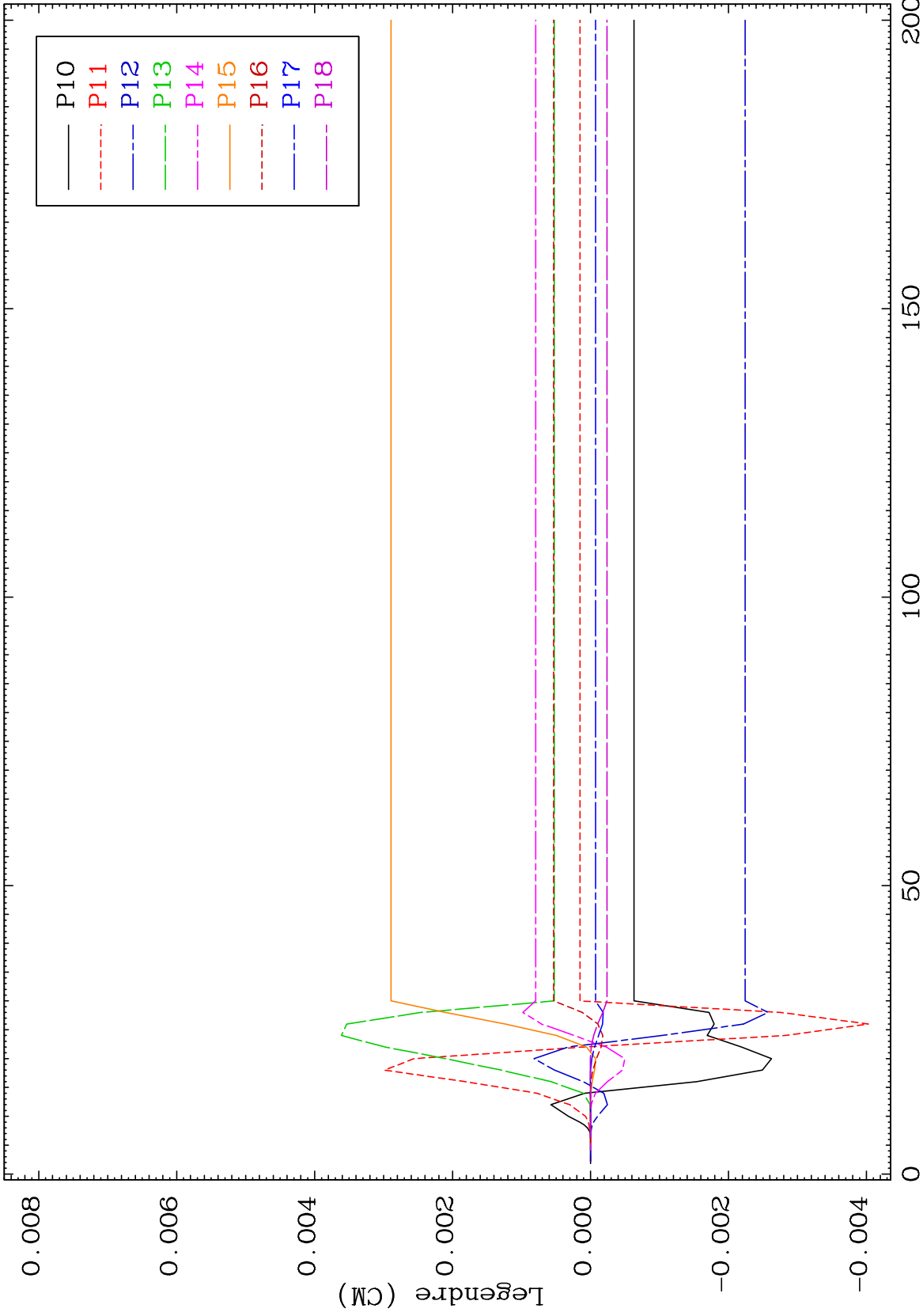
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



50

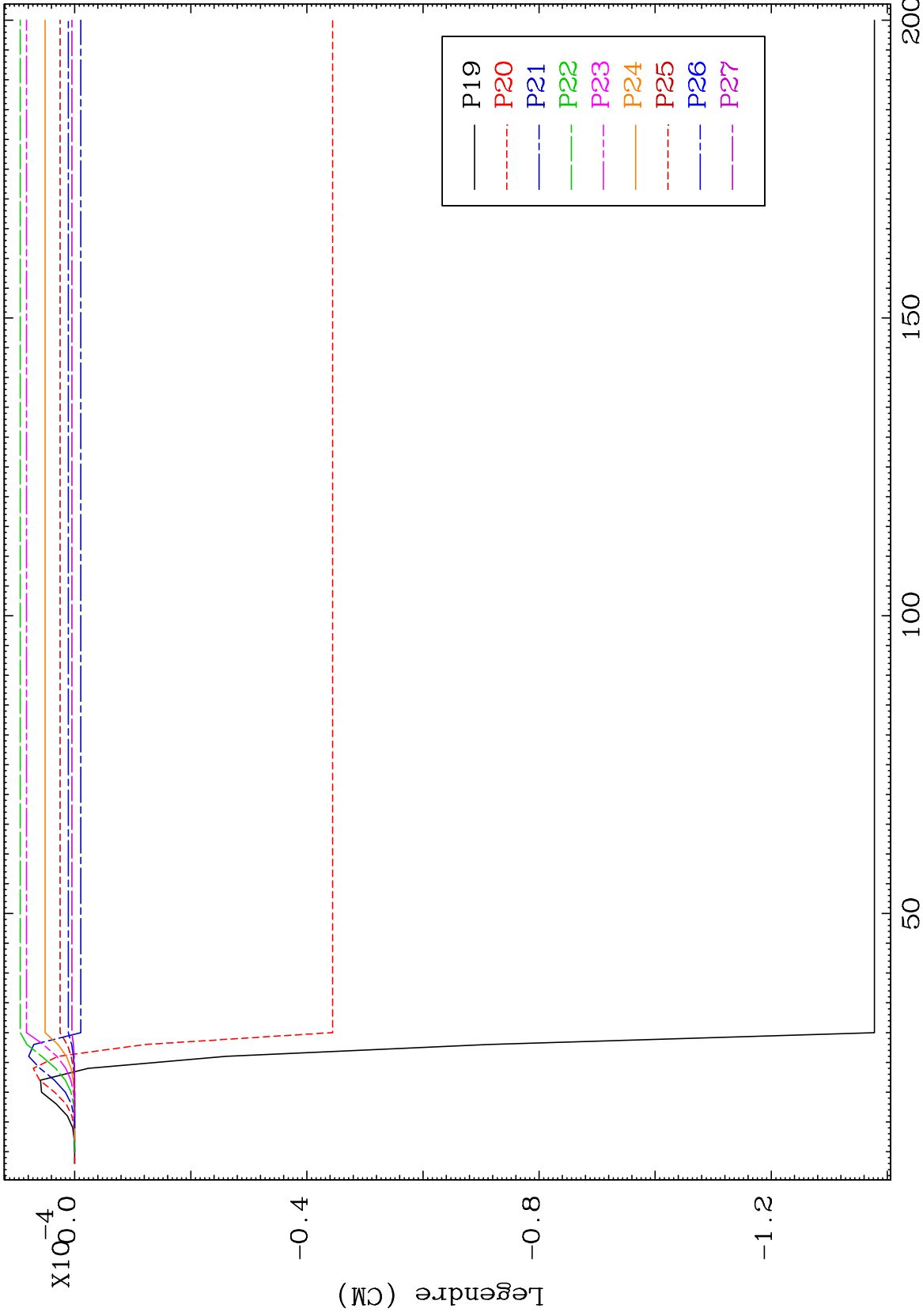
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



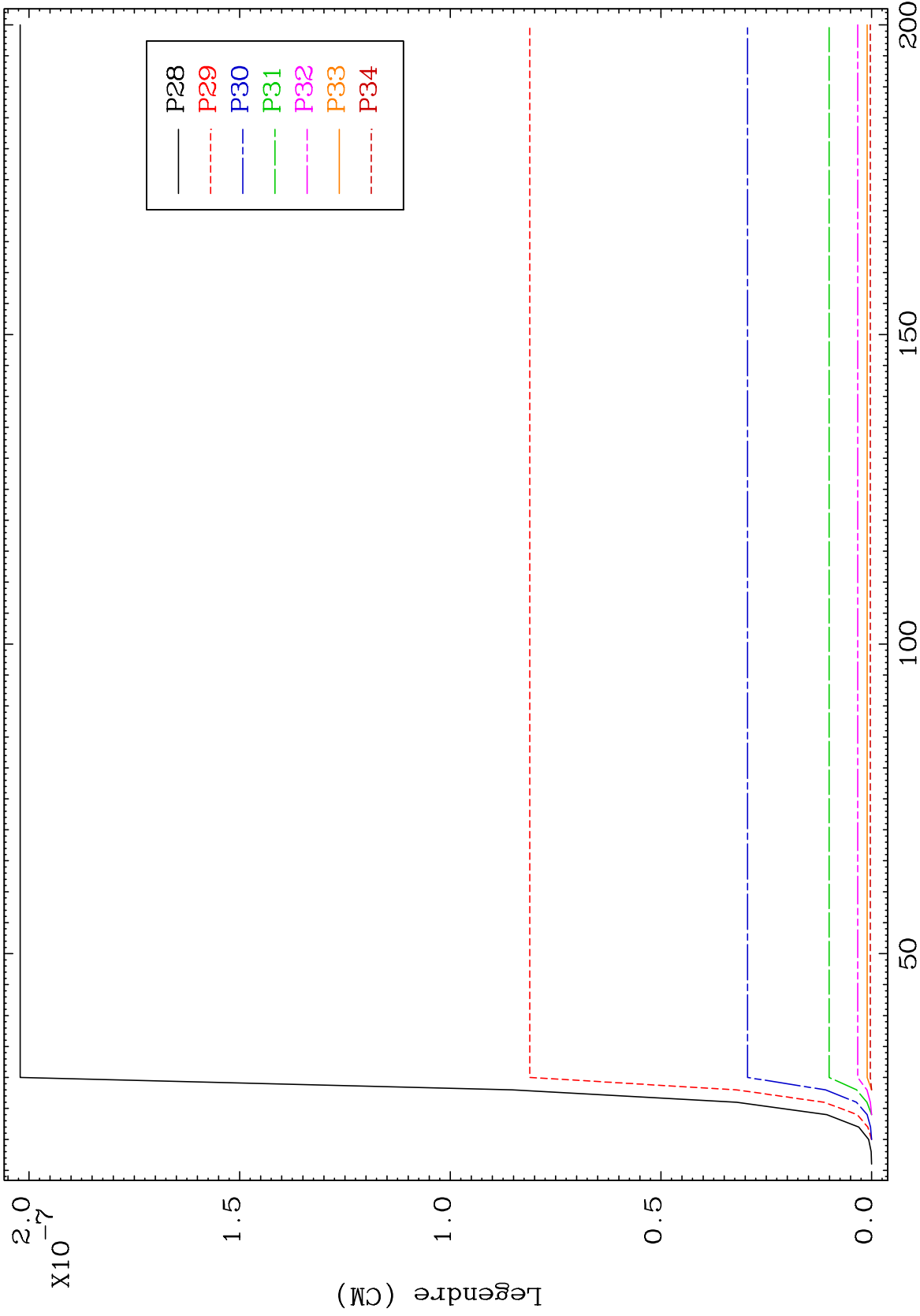
51

46-Pd-114

MAT 4661

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

46-Pd-114



52

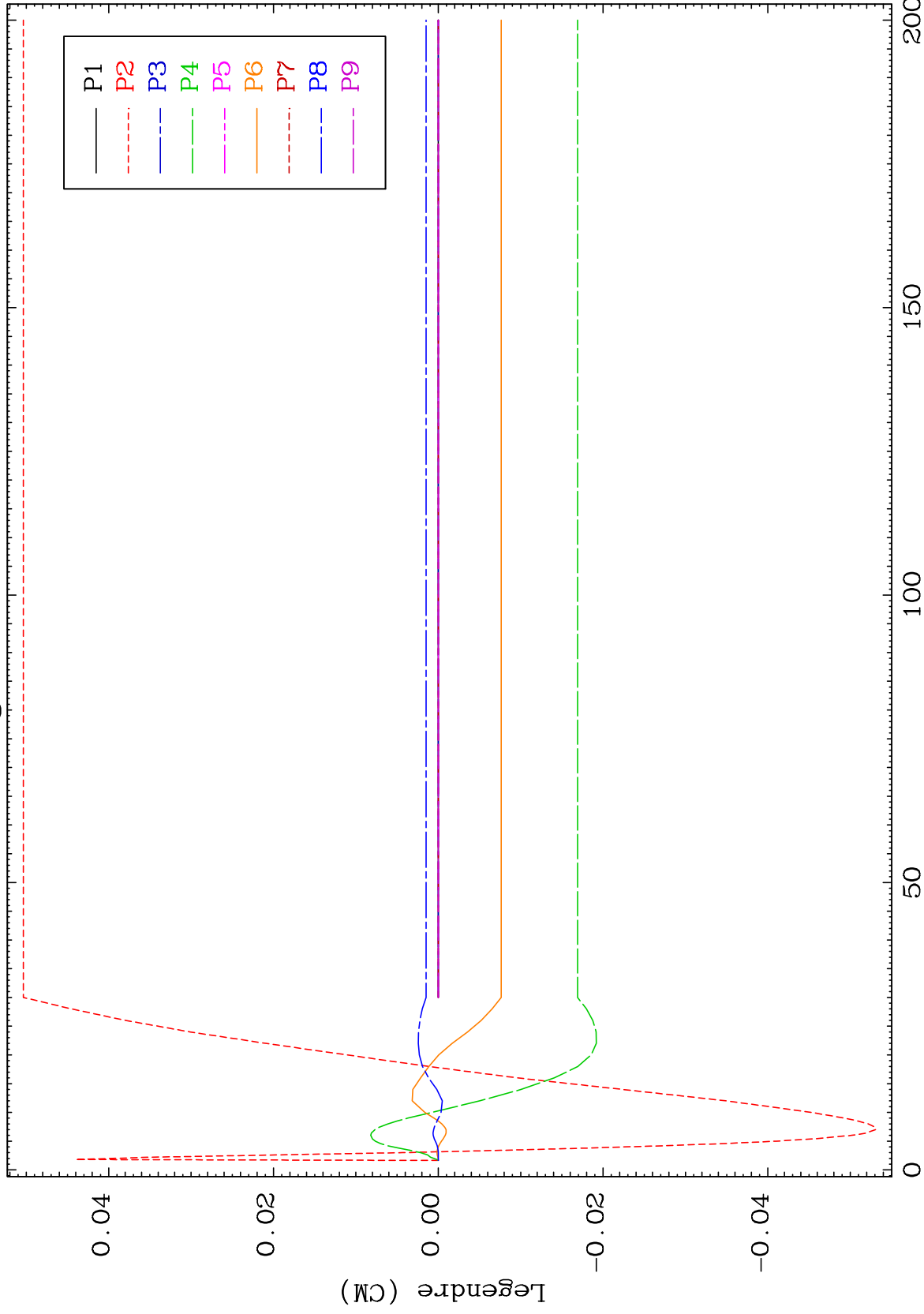
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



53

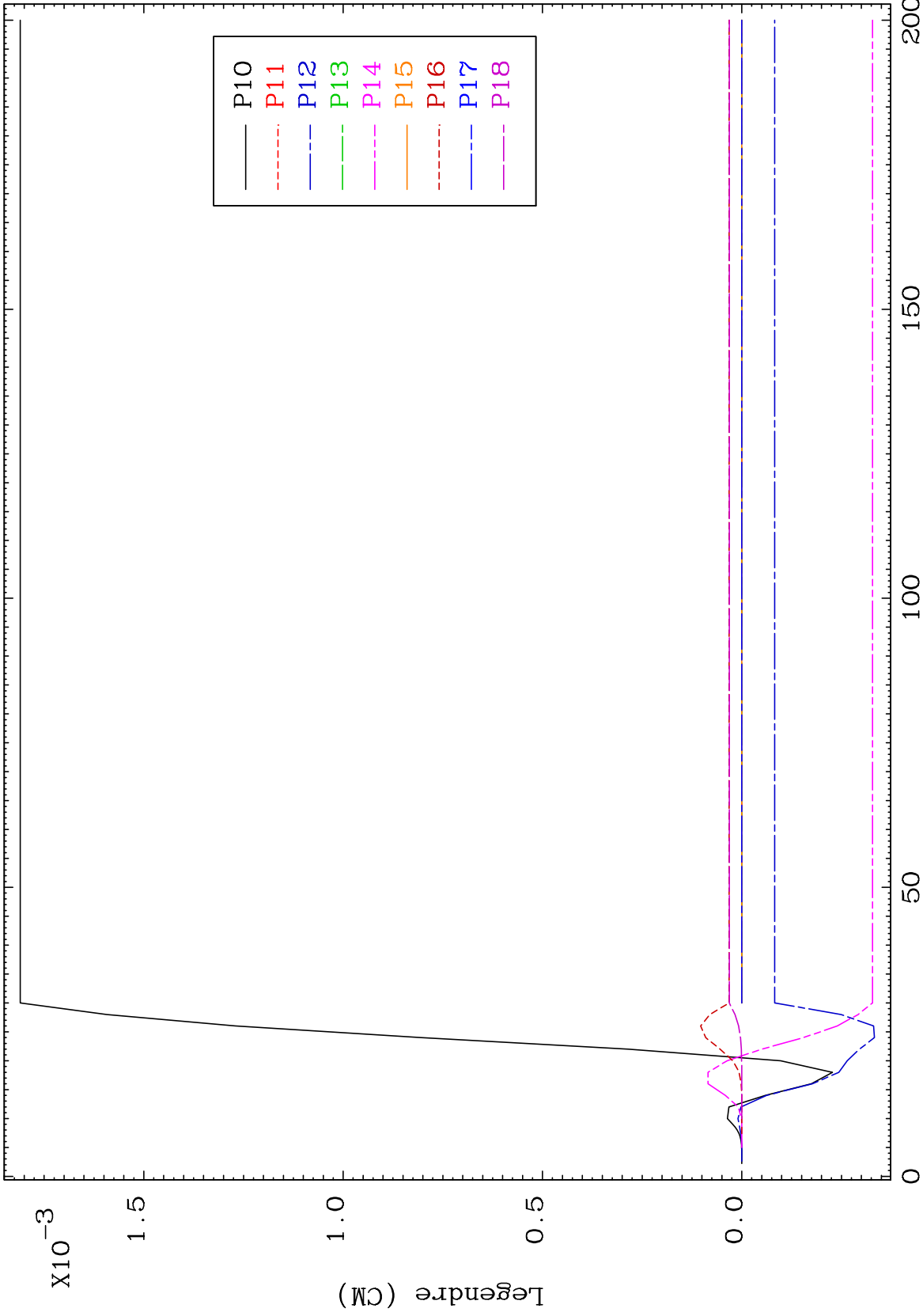
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



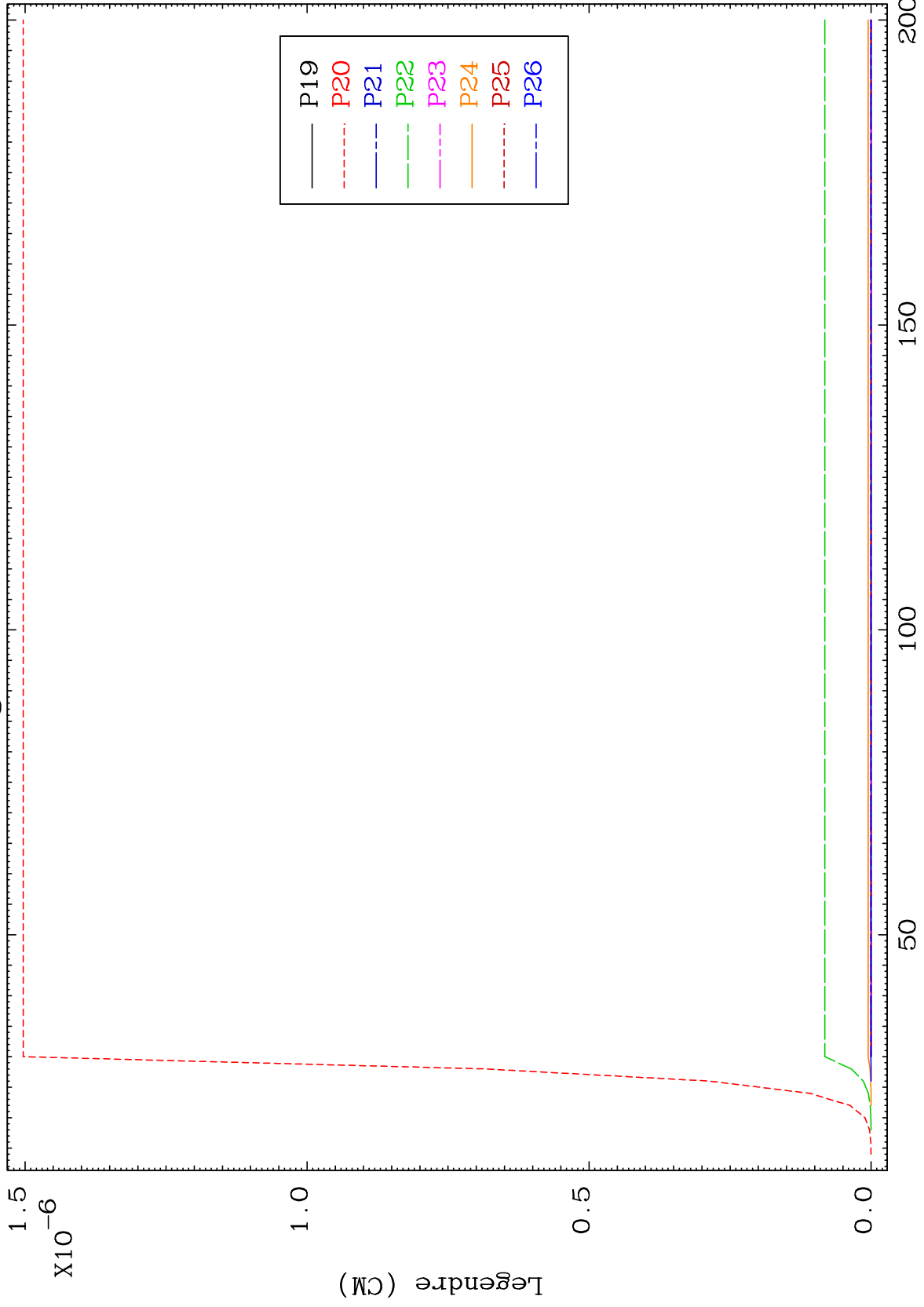
54

46-Pd-114

MAT 4661

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

46-Pd-114



46-Pd-114

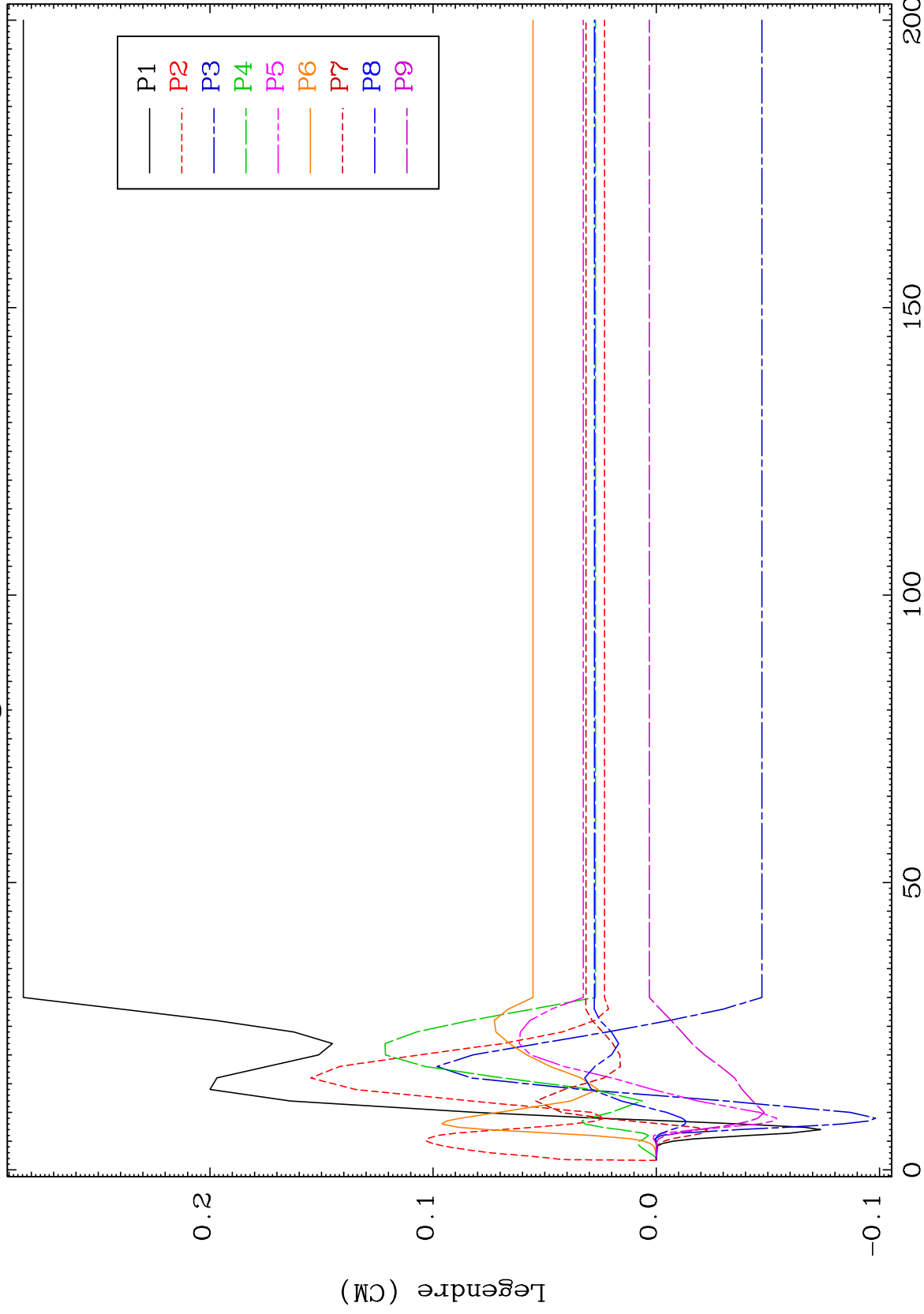
Incident Energy (MeV)

55

MAT 4661

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

46-Pd-114



56

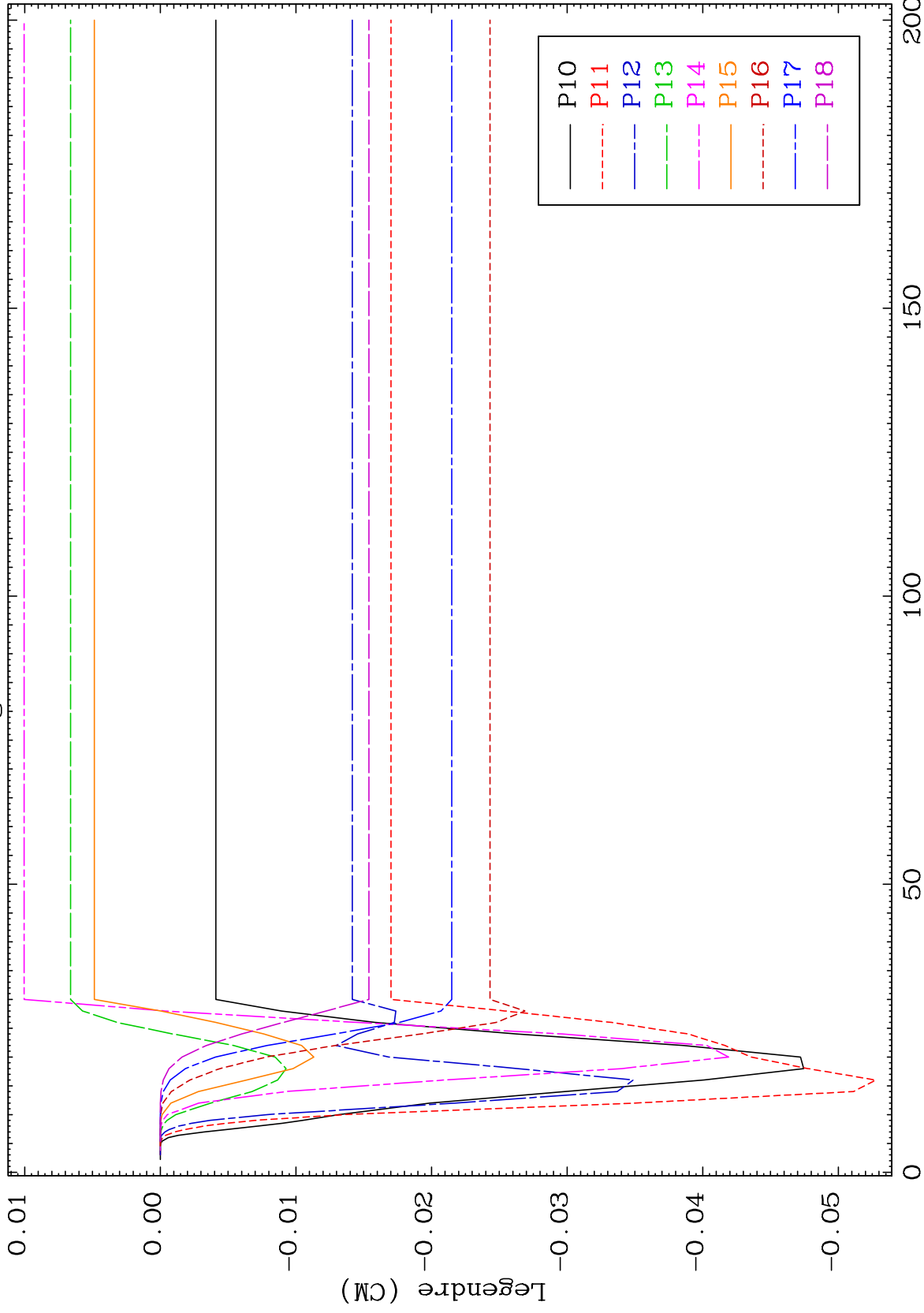
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



46-Pd-114

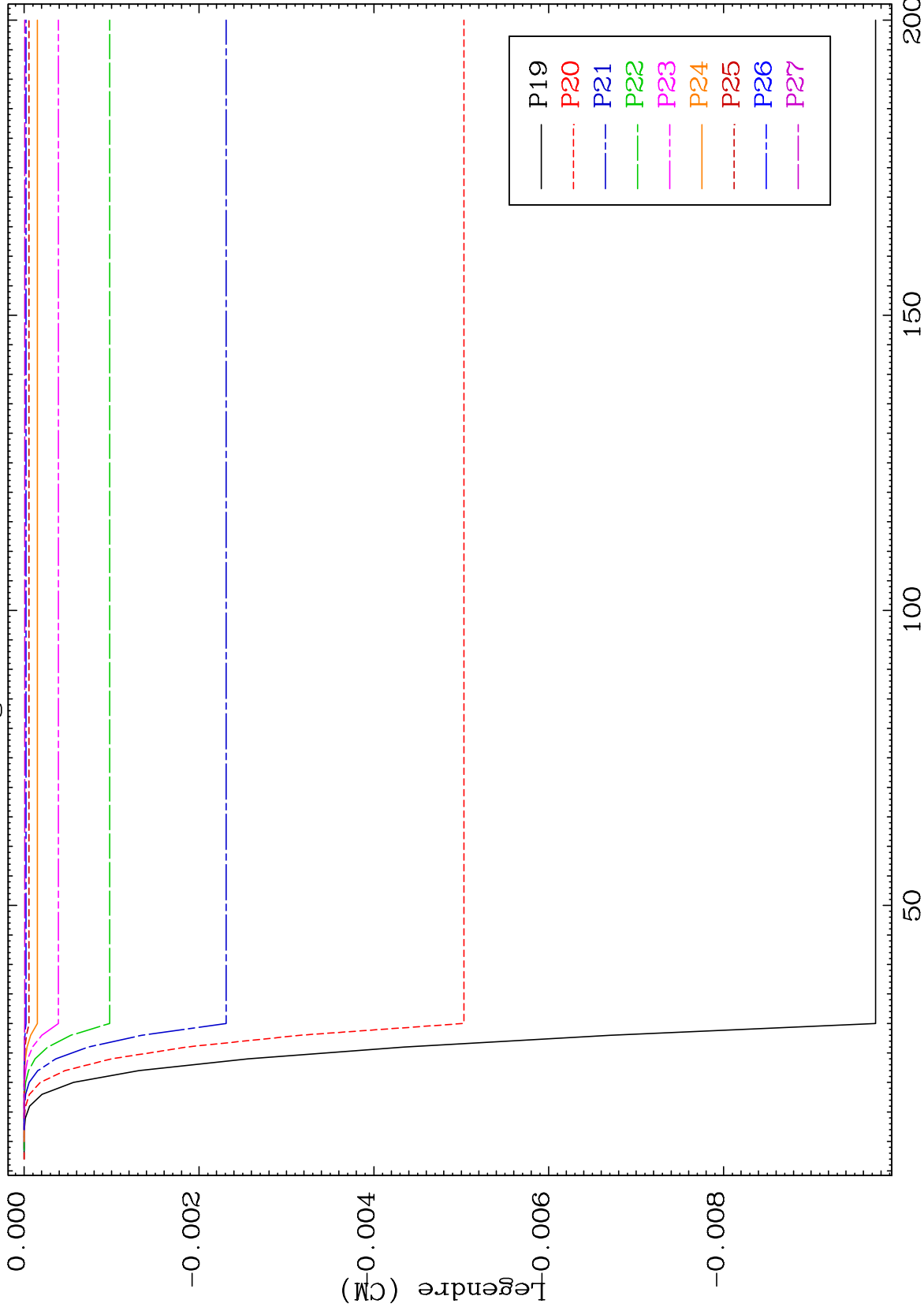
Incident Energy (MeV)

57

MAT 4661

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

46-Pd-114



46-Pd-114

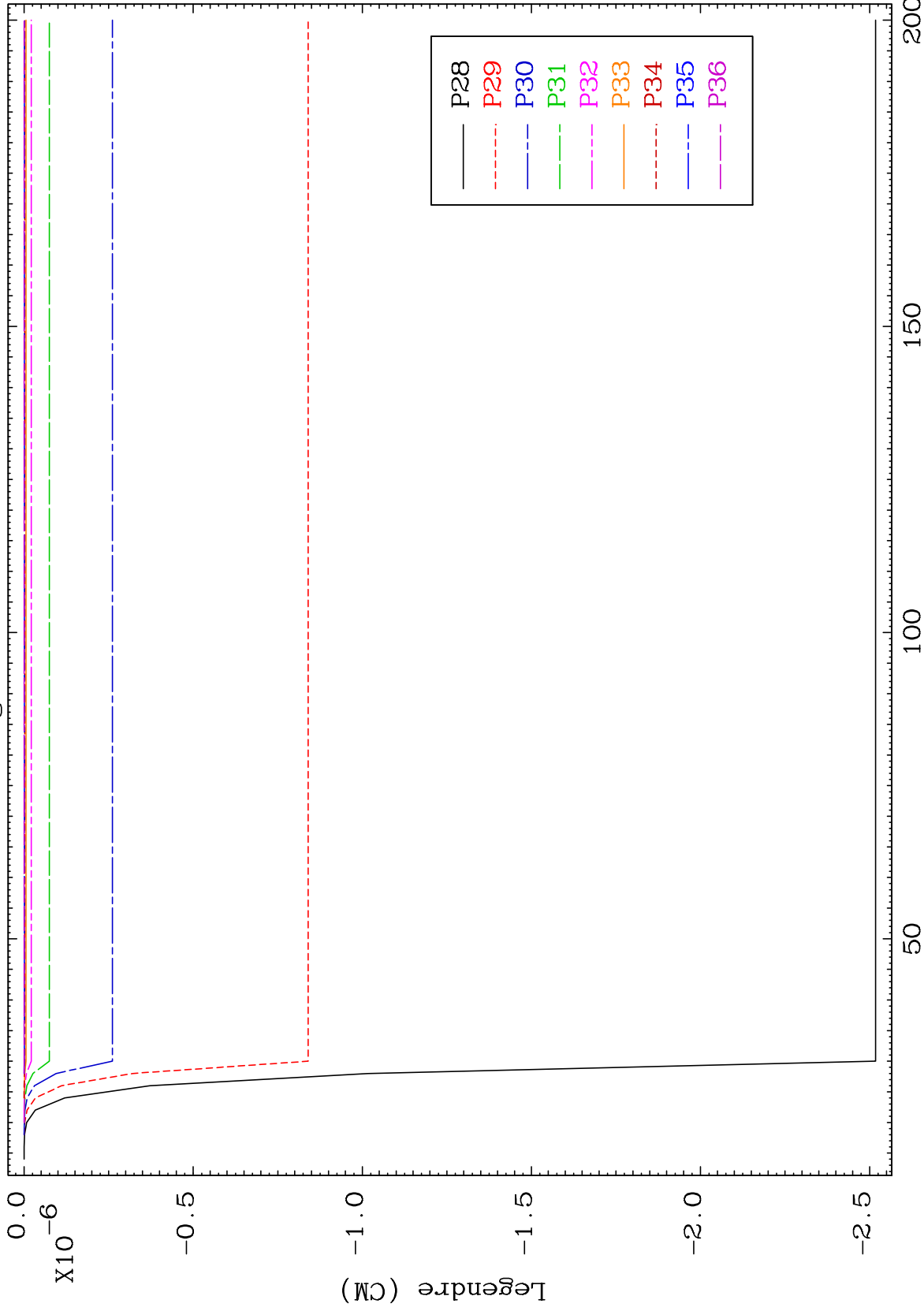
Incident Energy (MeV)

58

MAT 4661

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

46-Pd-114



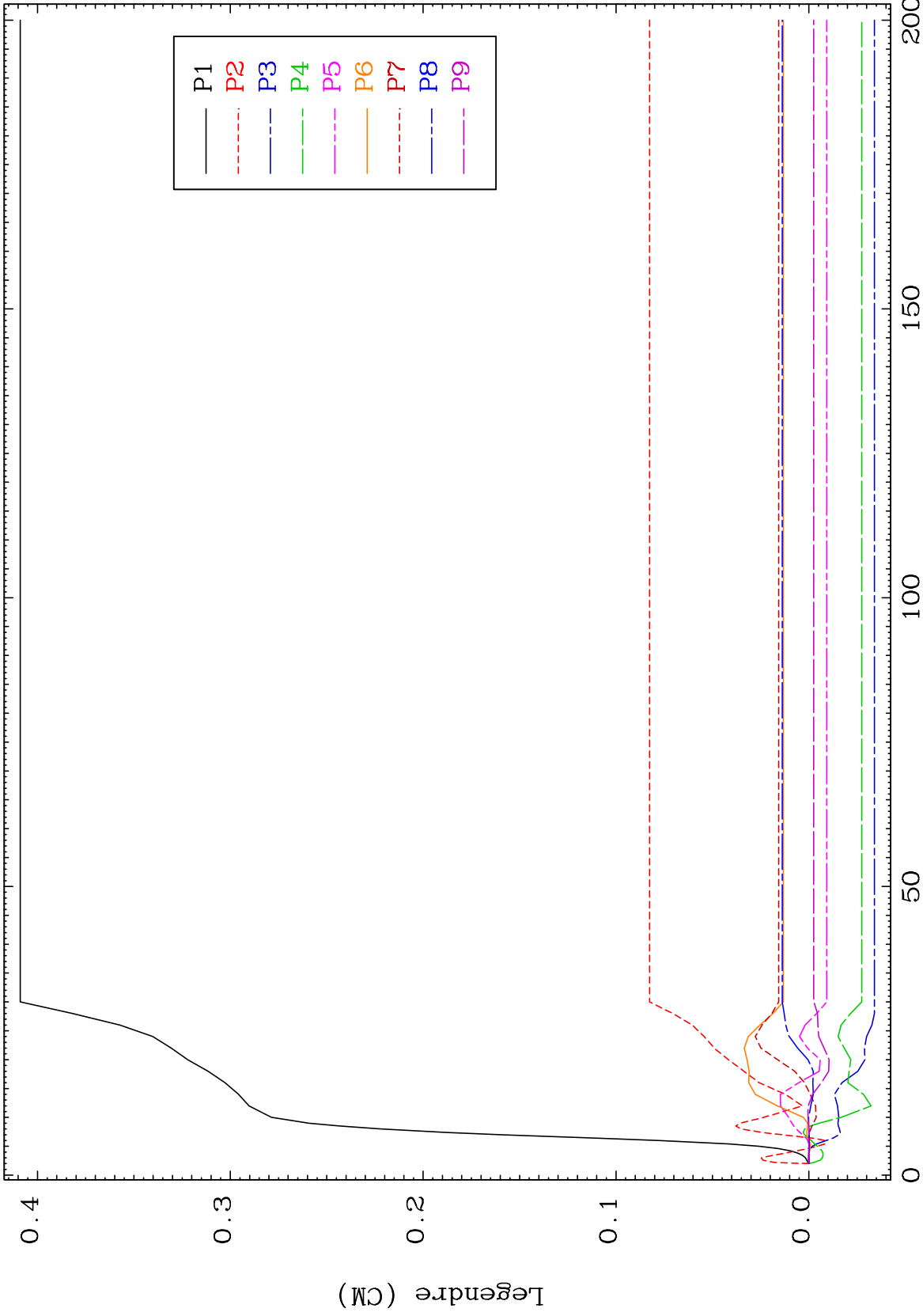
59

46-Pd-114

MAT 4661

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

46-Pd-114



46-Pd-114

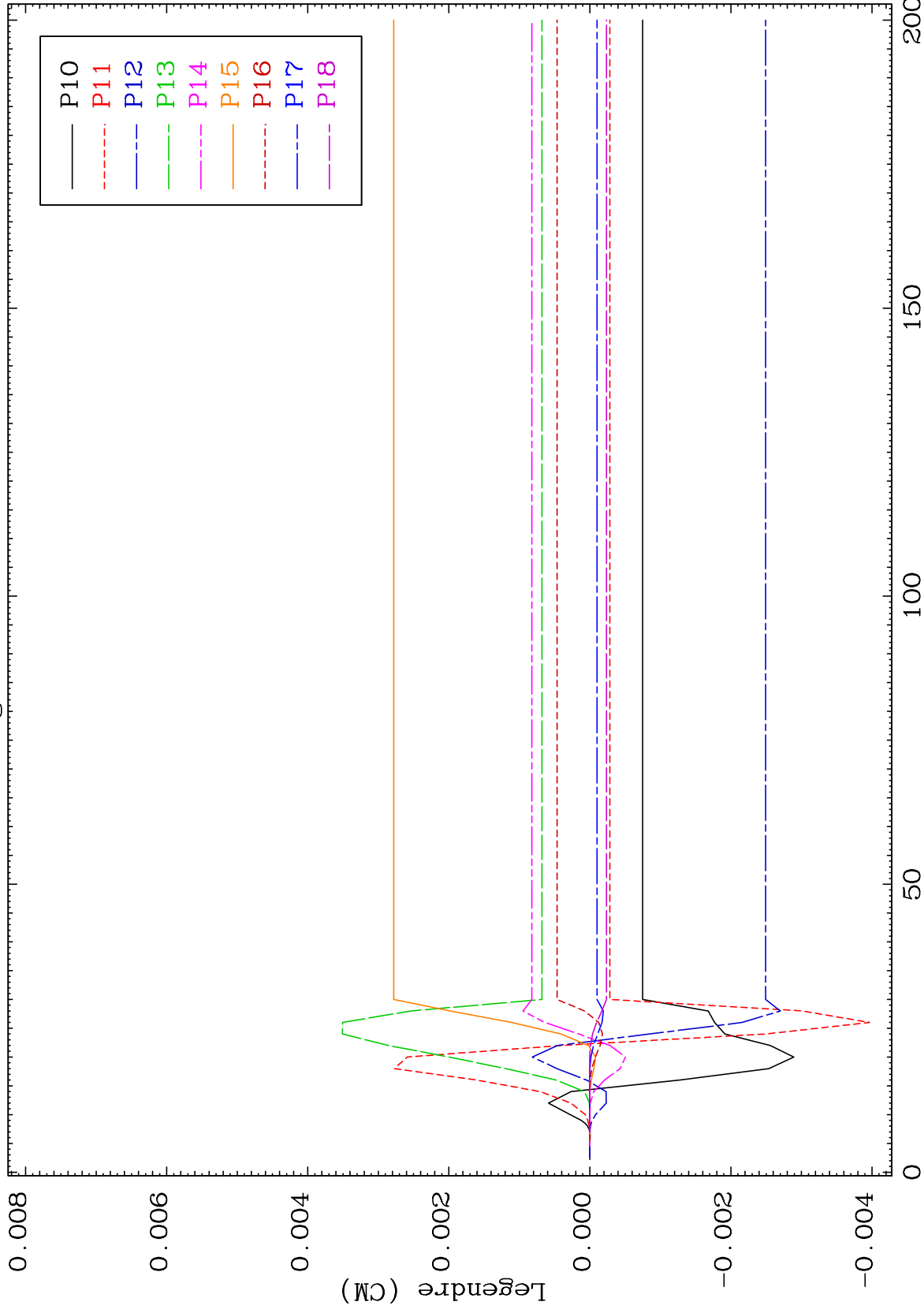
Incident Energy (MeV)

60

MAT 4661

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

46-Pd-114



61

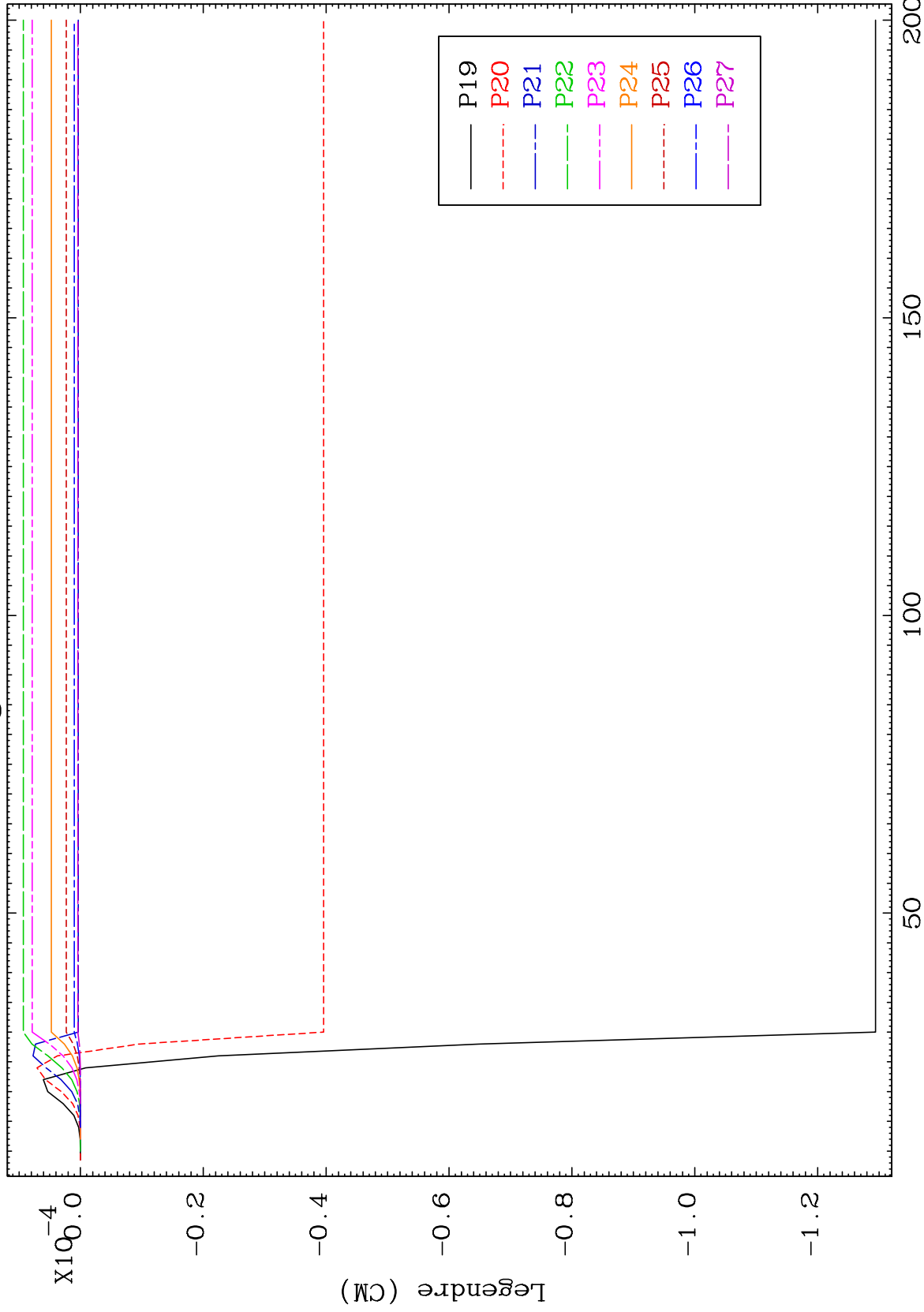
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



62

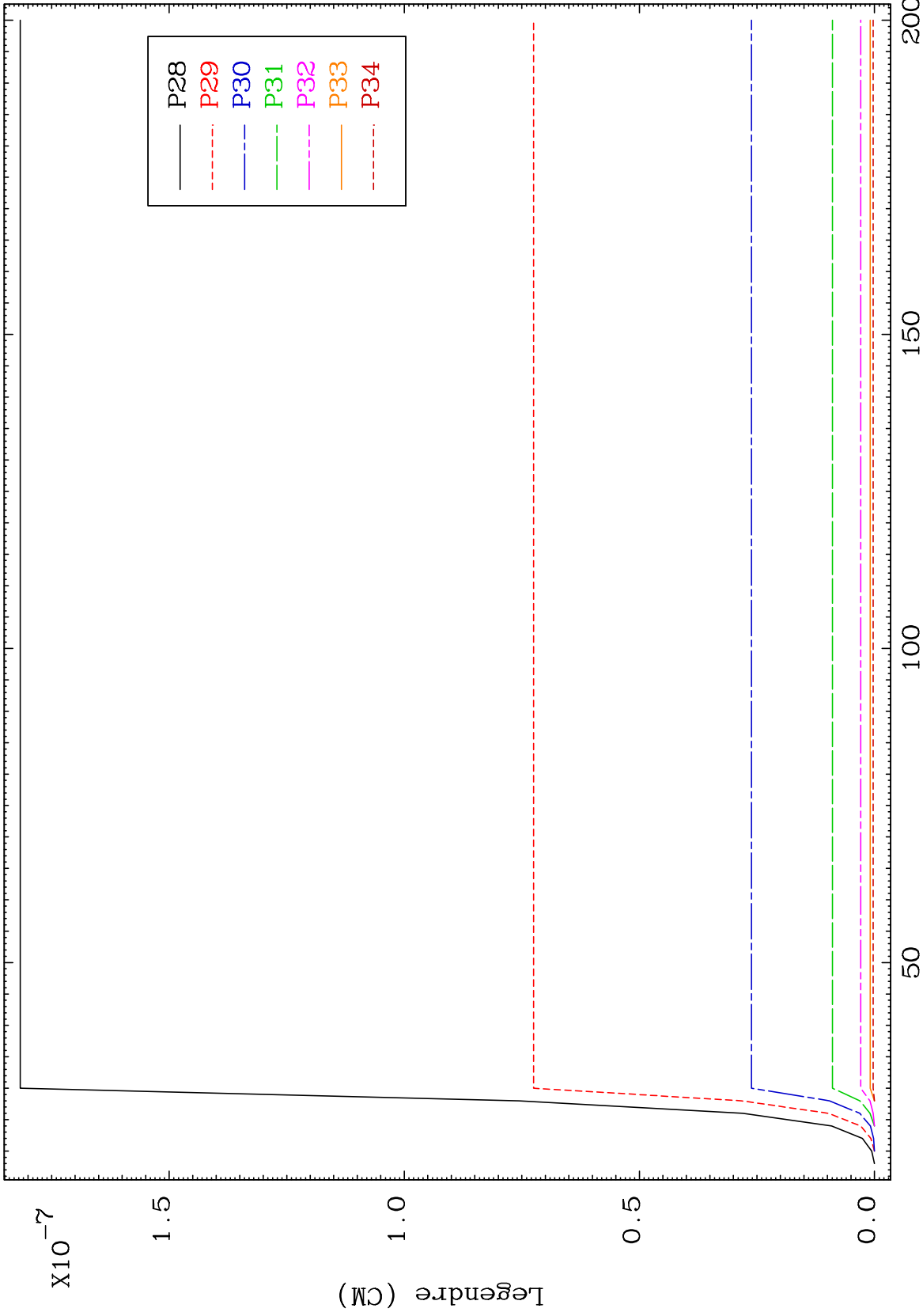
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



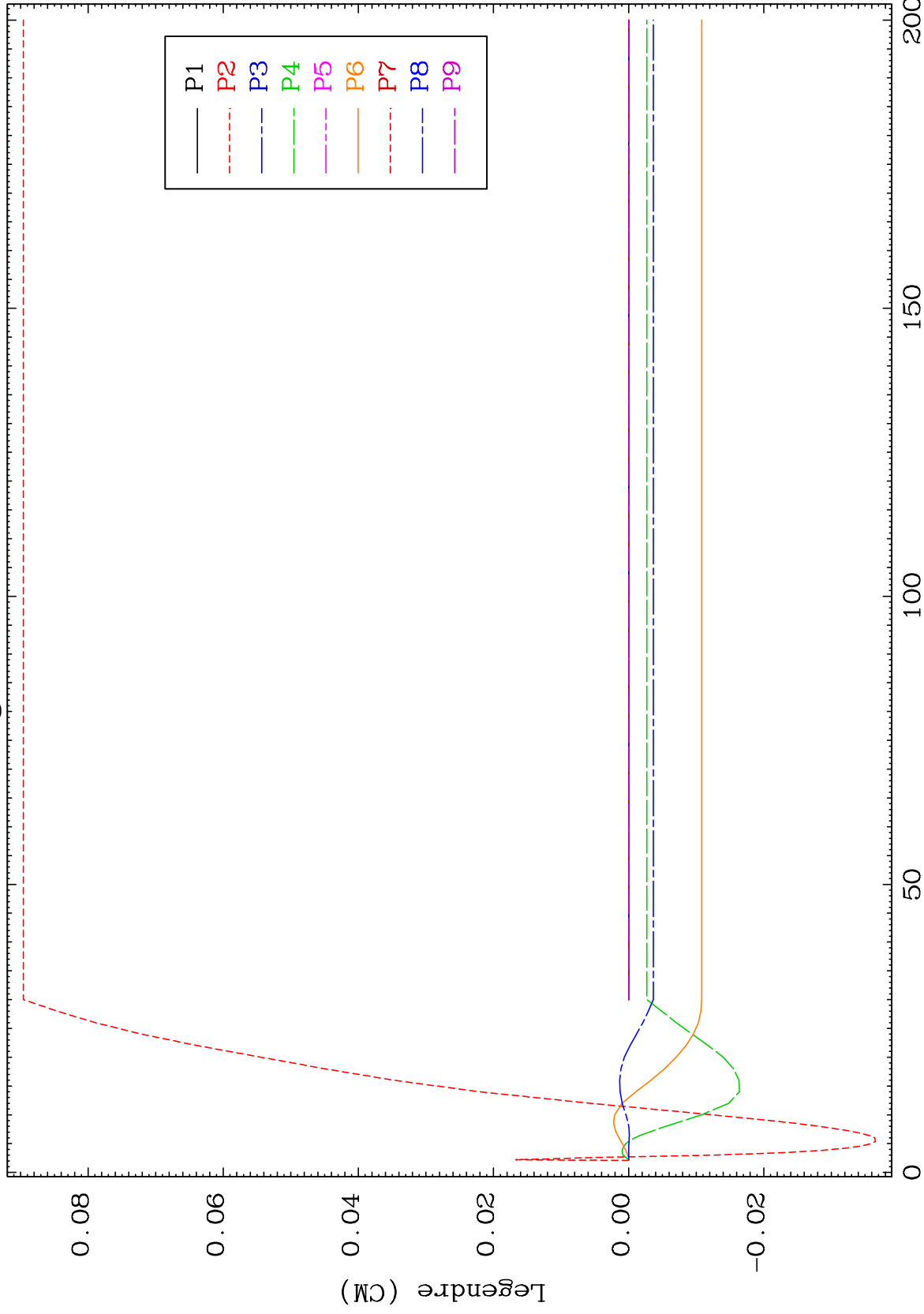
63

46-Pd-114

MAT 4661

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

46-Pd-114



64

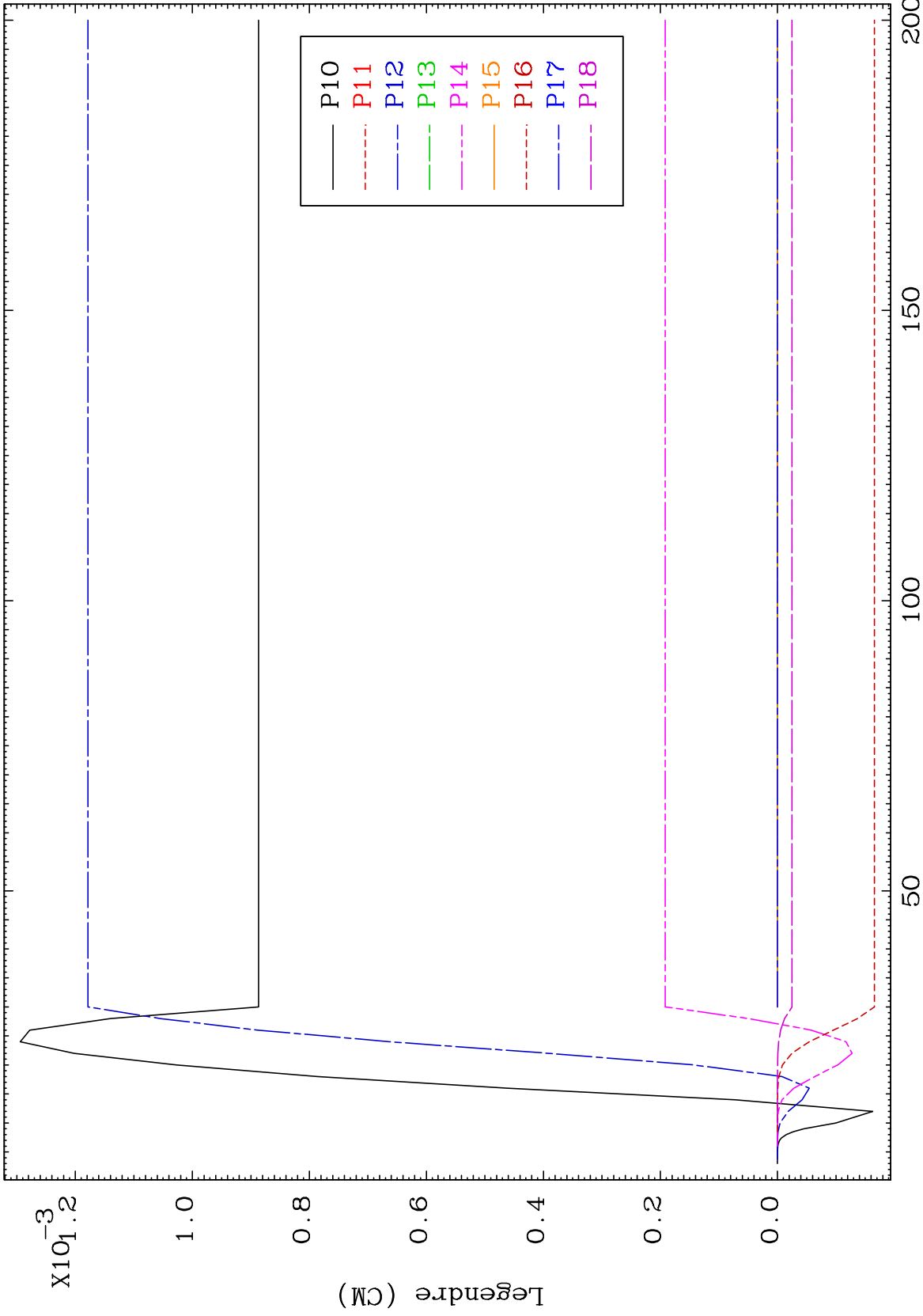
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



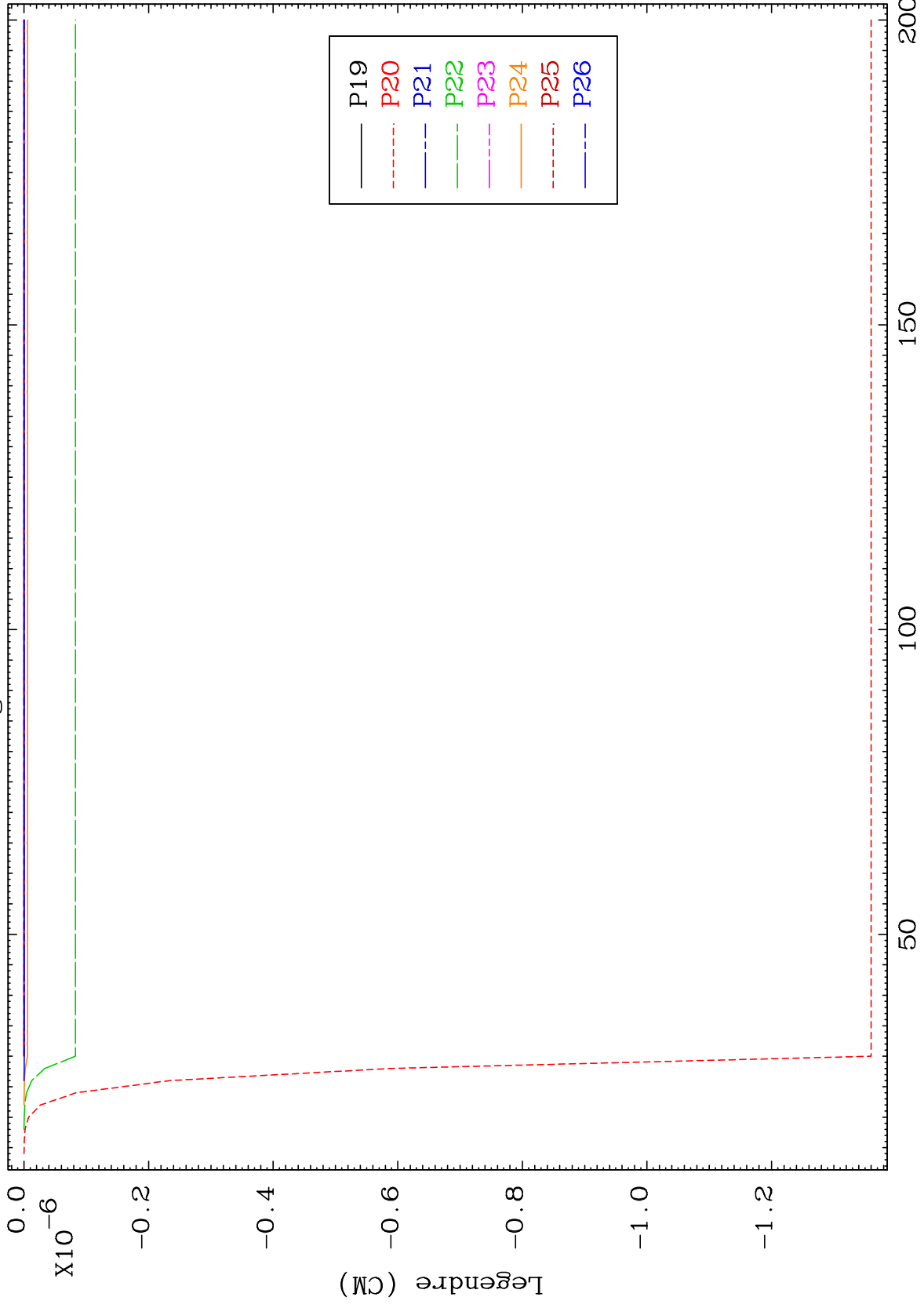
65

46-Pd-114

MAT 4661

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

46-Pd-114



46-Pd-114

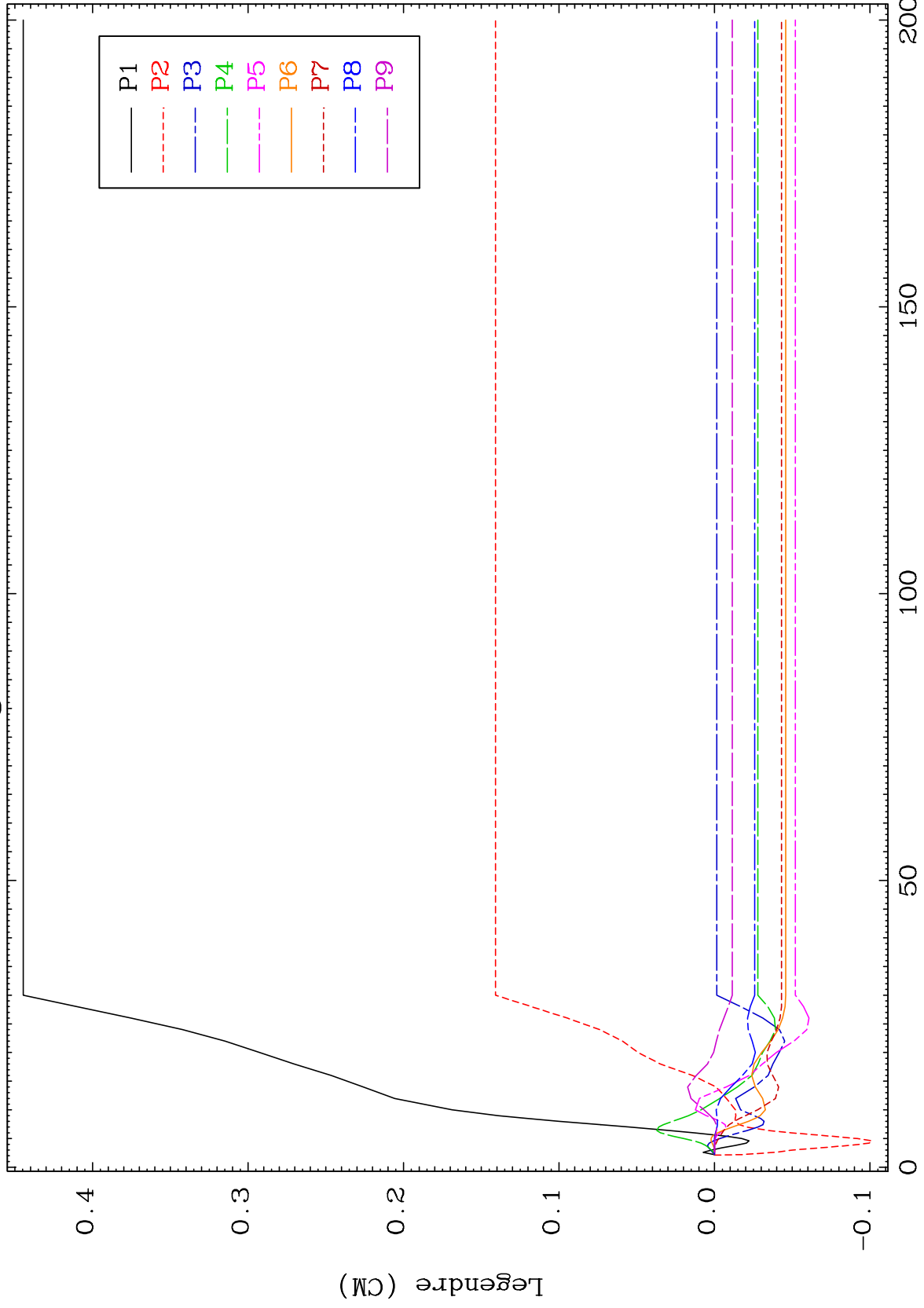
Incident Energy (MeV)

66

MAT 4661

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

46-Pd-114



67

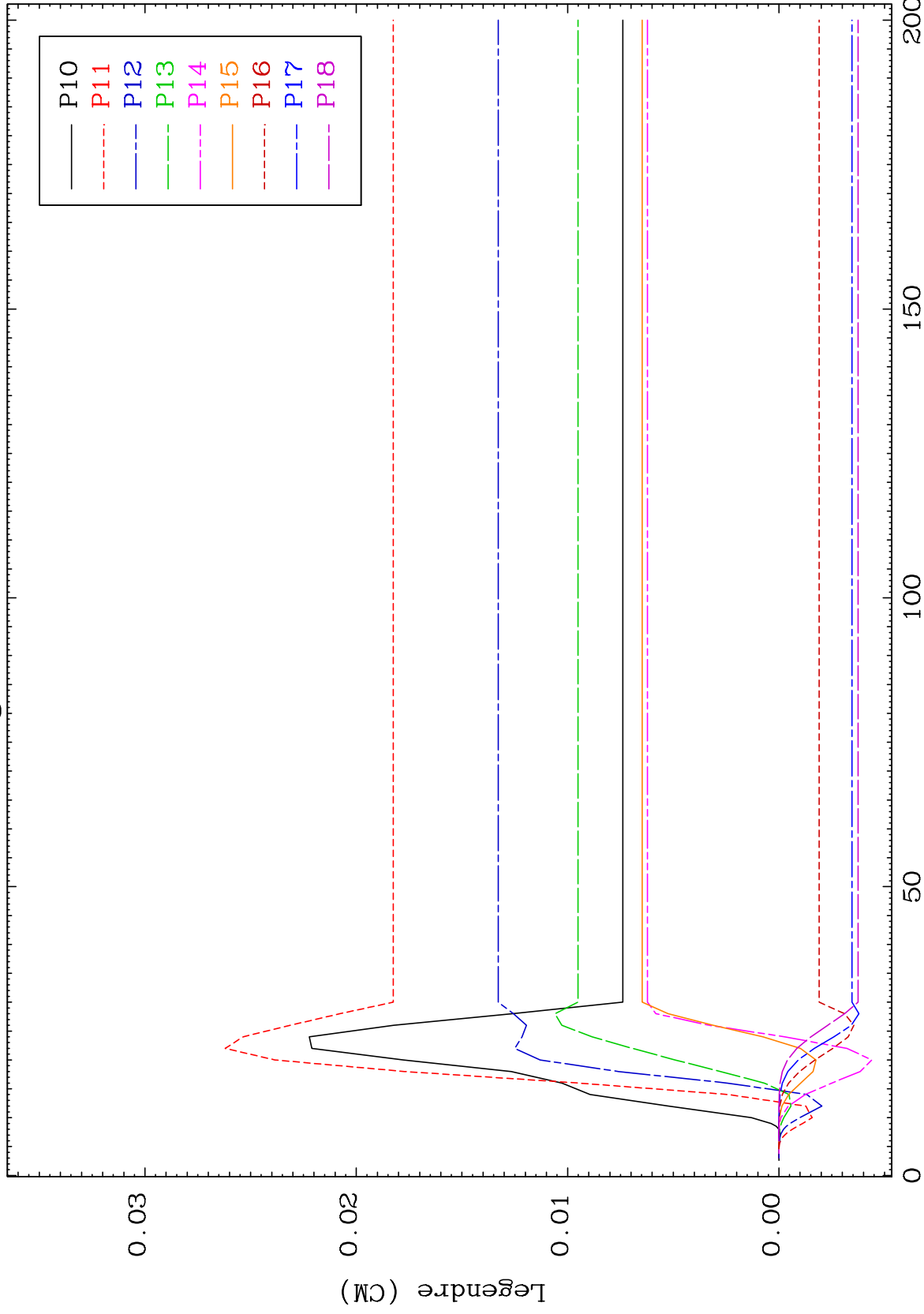
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



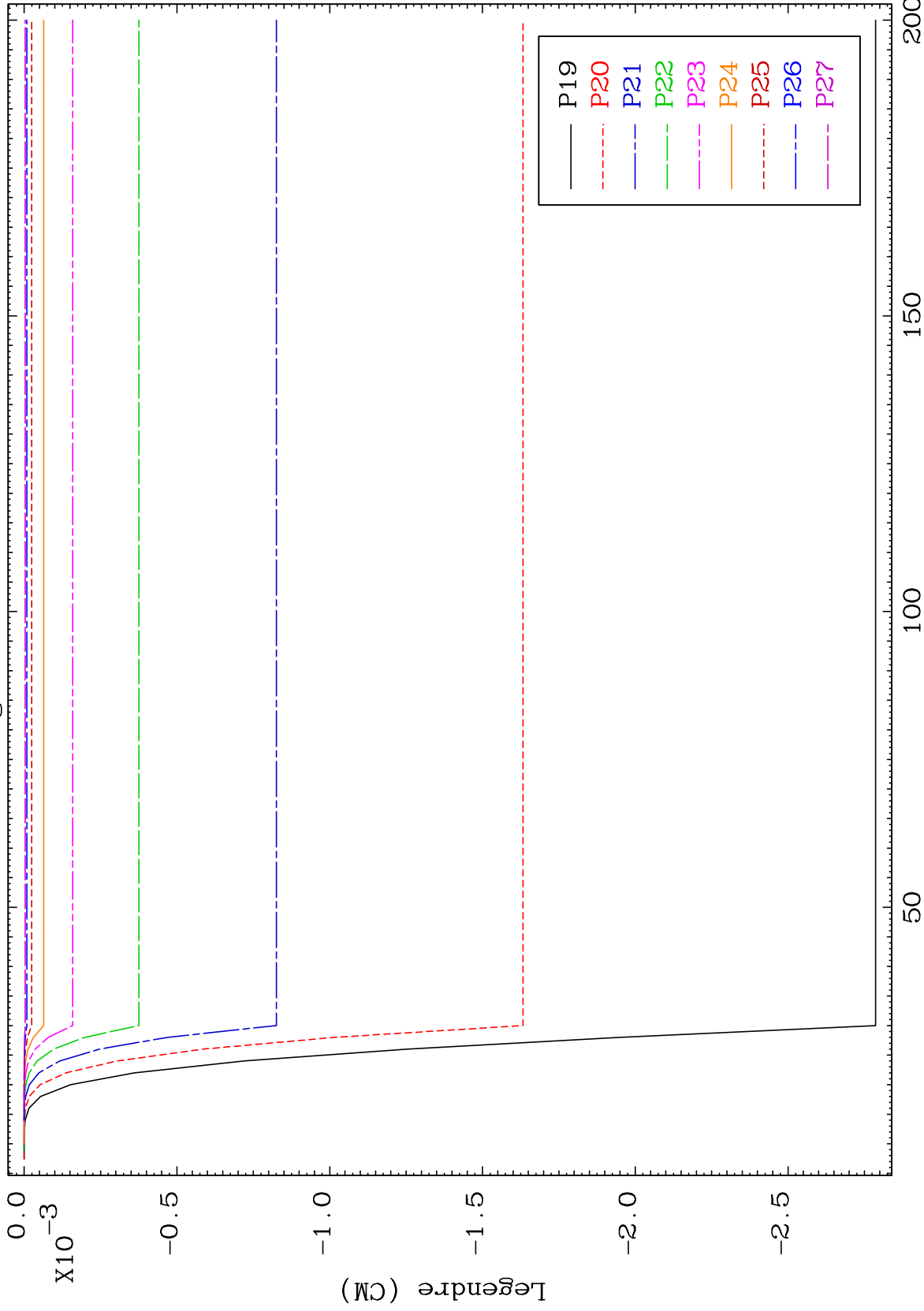
68

46-Pd-114

MAT 4661

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

46-Pd-114



46-Pd-114

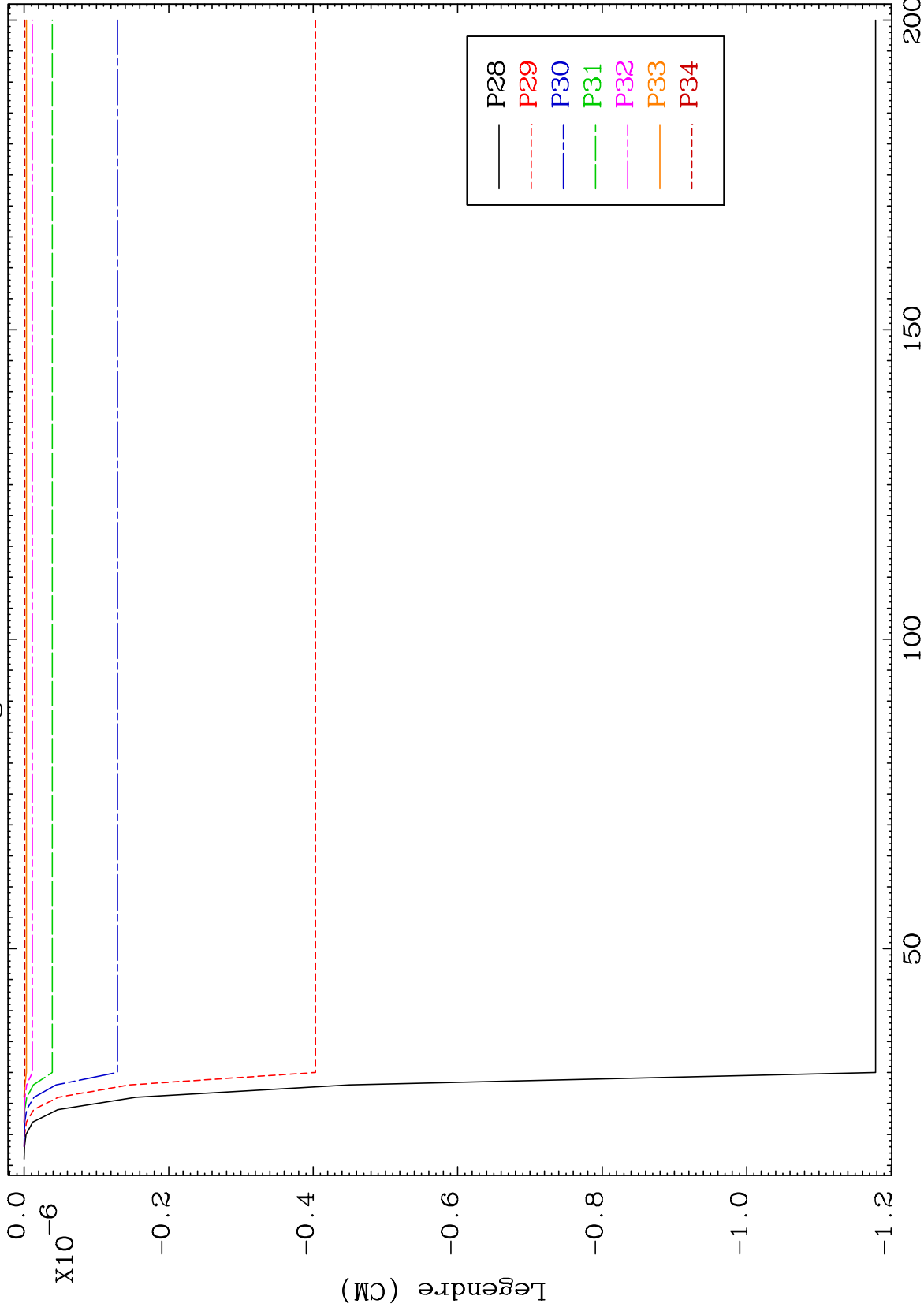
Incident Energy (MeV)

69

MAT 4661

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

46-Pd-114



46-Pd-114

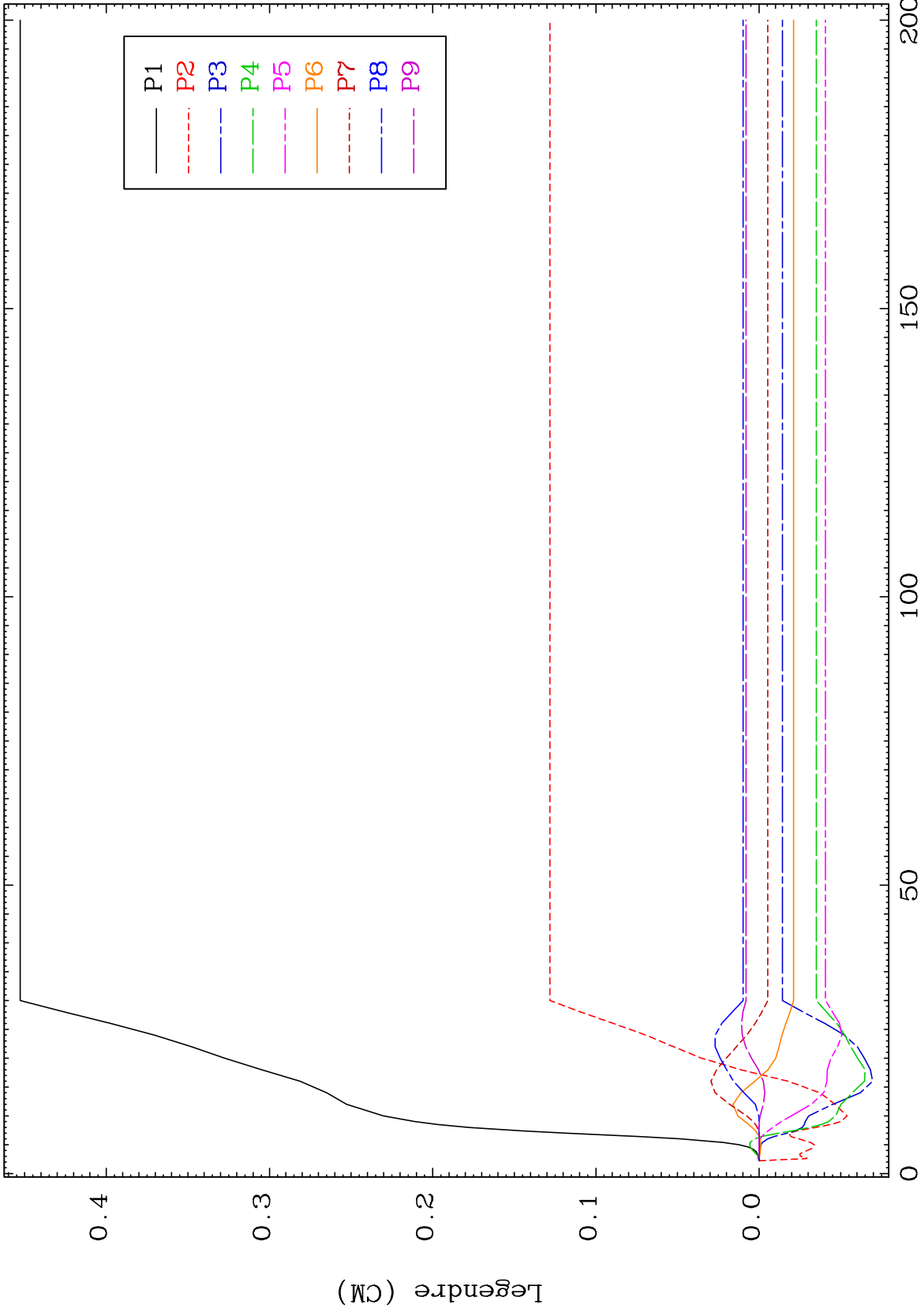
Incident Energy (MeV)

70

MAT 4661

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

46-Pd-114

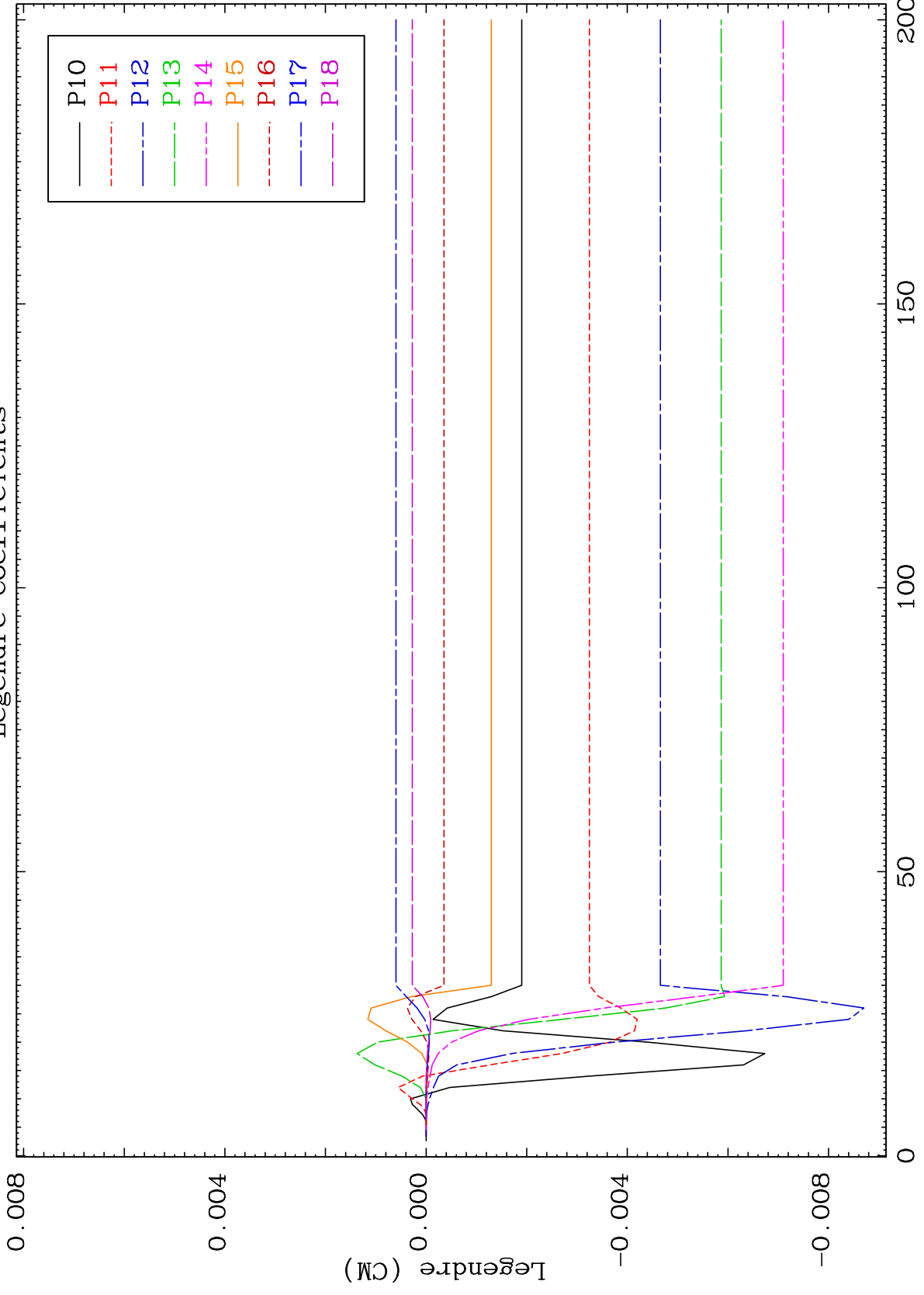


71

Incident Energy (MeV)

46-Pd-114

MAT 4661 MT= 65 (n,n') Level Legendre Coefficients 46-Pd-114



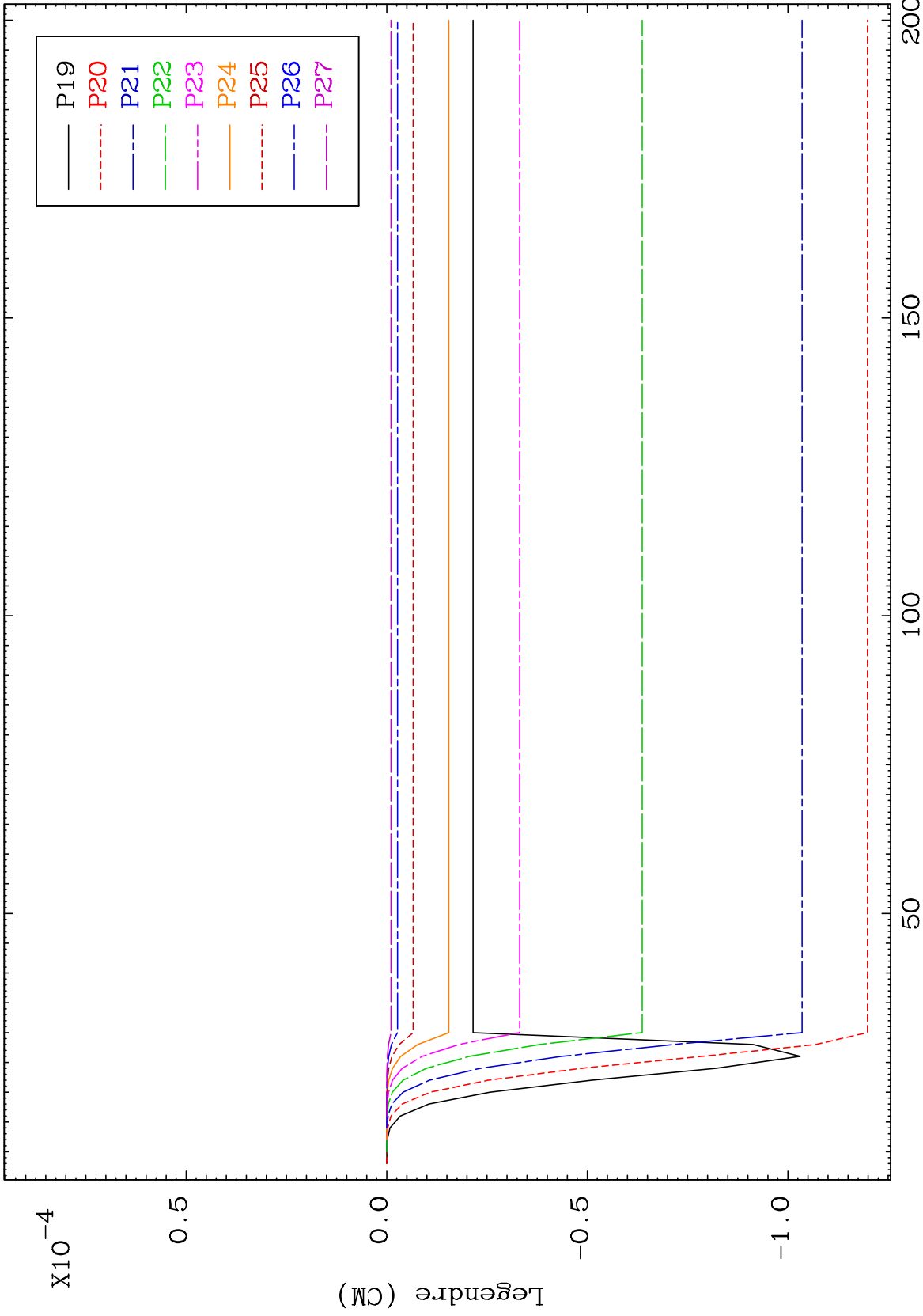
46-Pd-114

72

MAT 4661

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

46-Pd-114



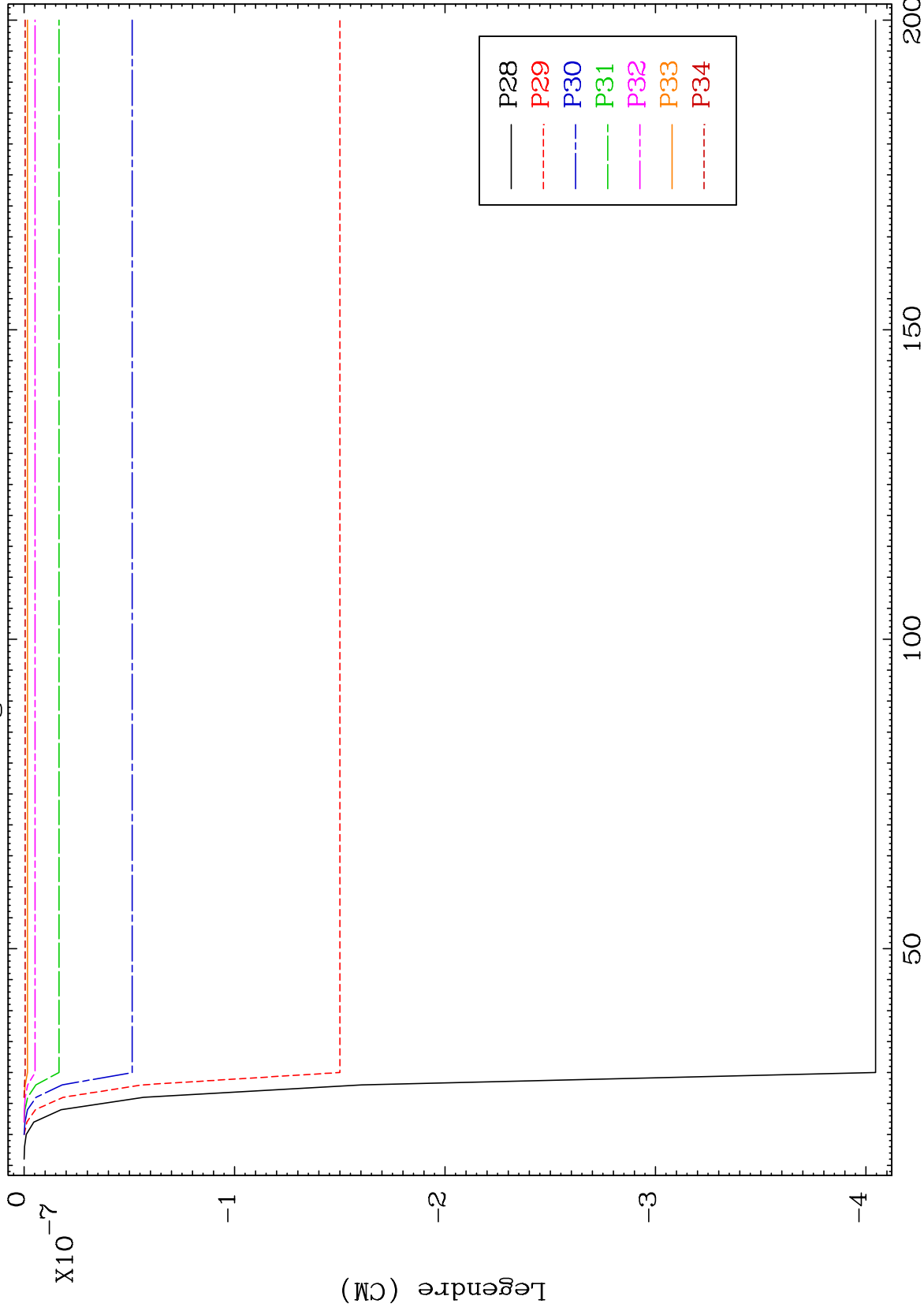
73

46-Pd-114

MAT 4661

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

46-Pd-114



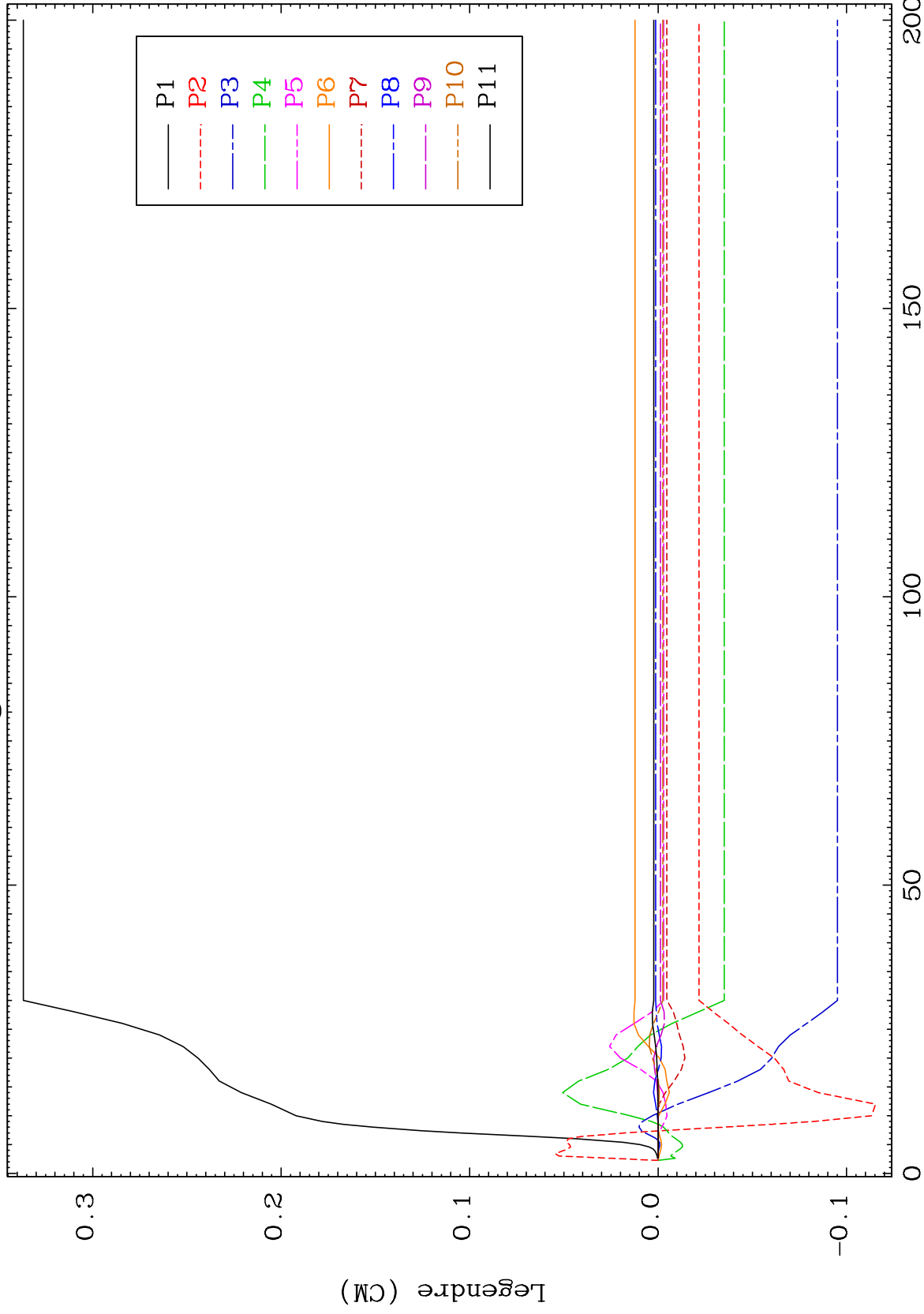
74

46-Pd-114

MAT 4661

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

46-Pd-114



75

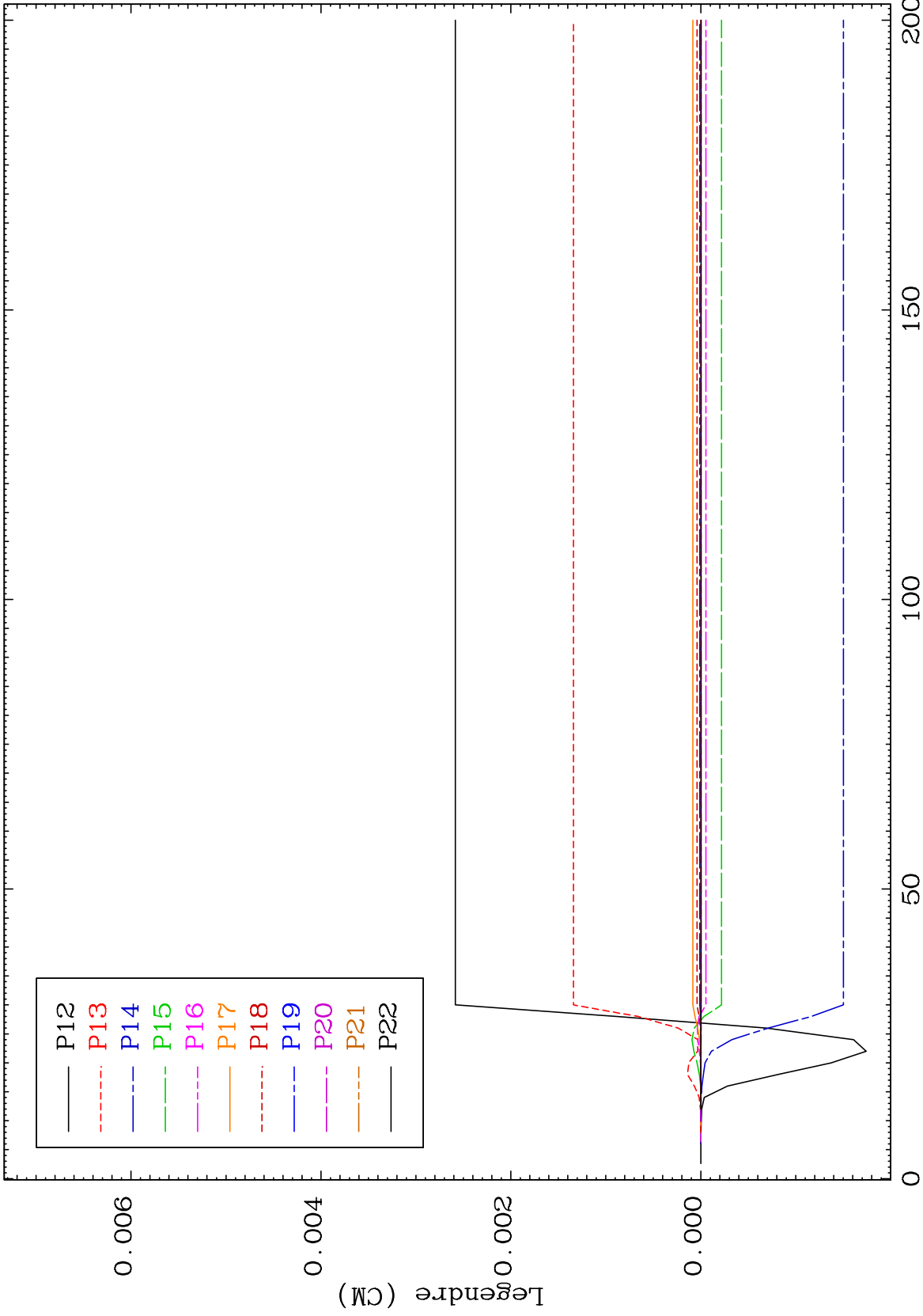
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



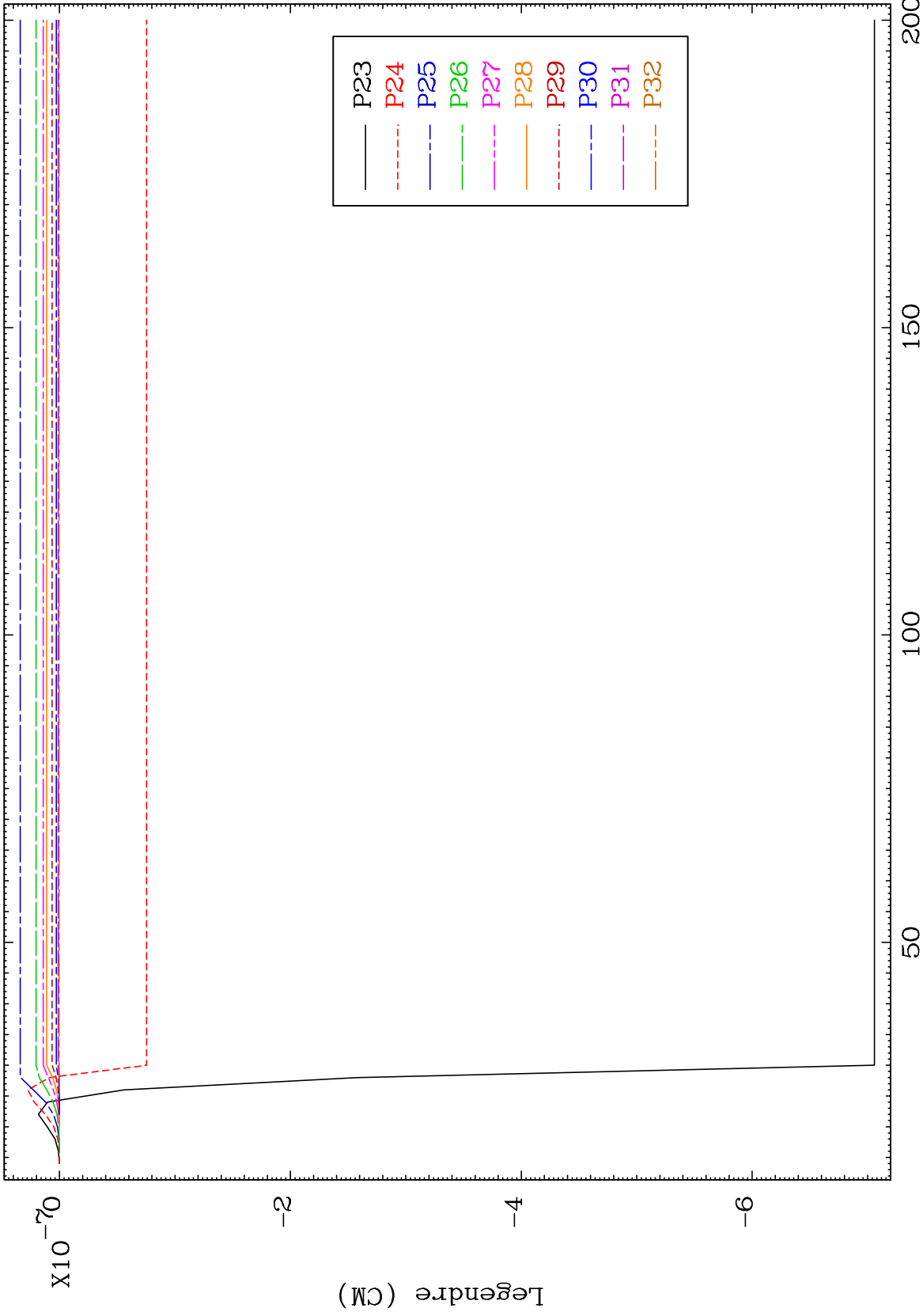
76

46-Pd-114

MAT 4661

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

46-Pd-114



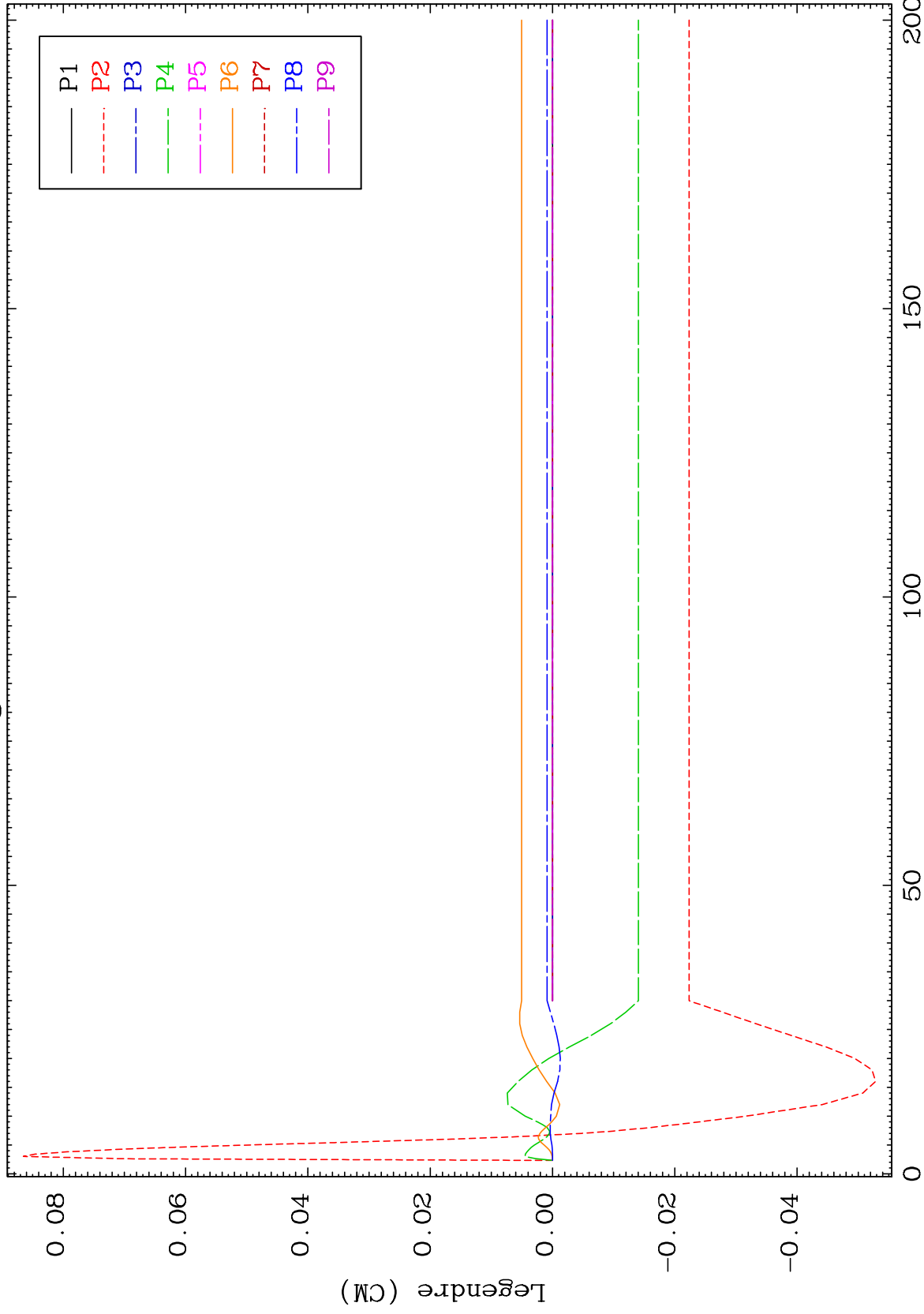
77

46-Pd-114

MAT 4661

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

46-Pd-114



78

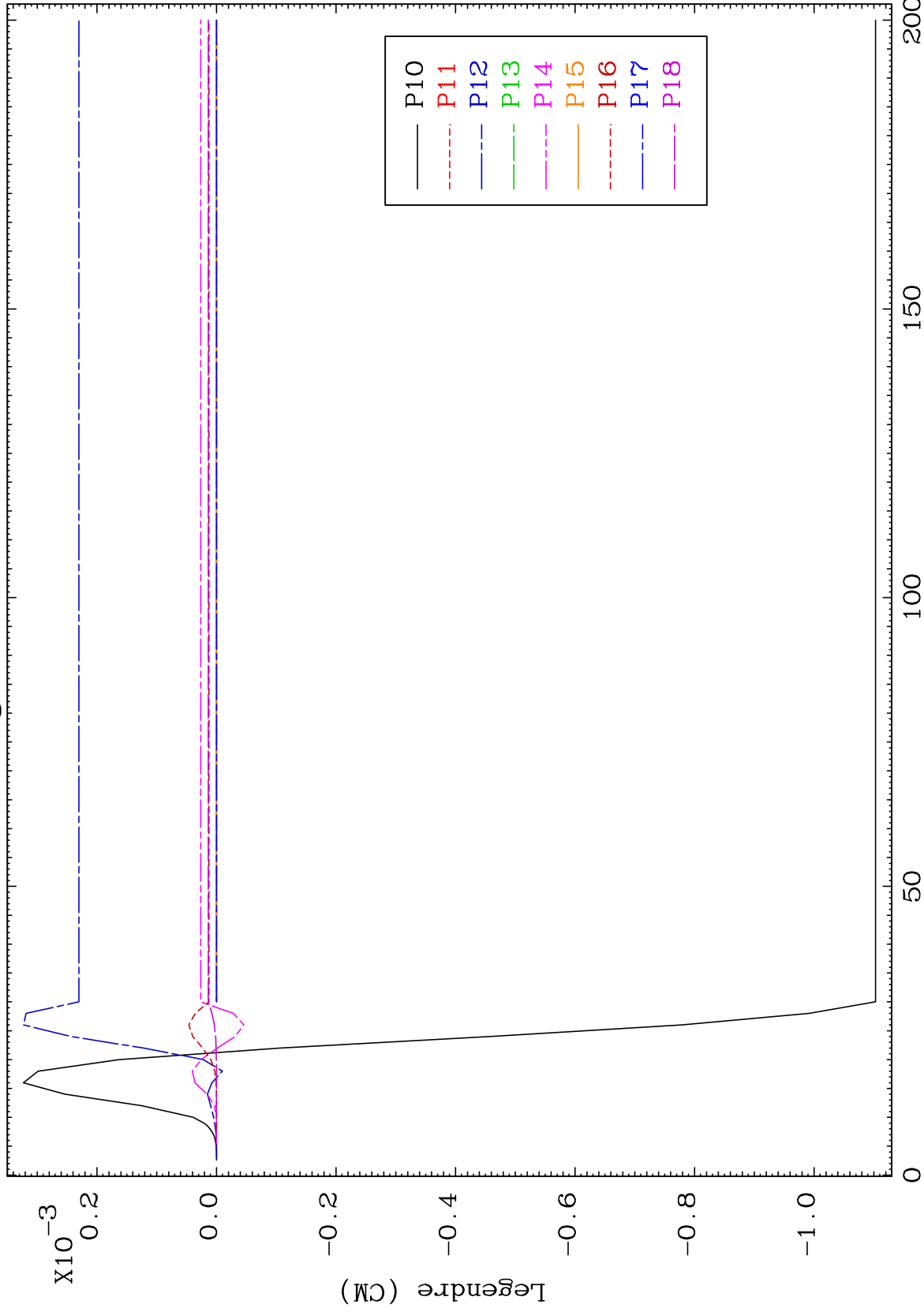
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



79

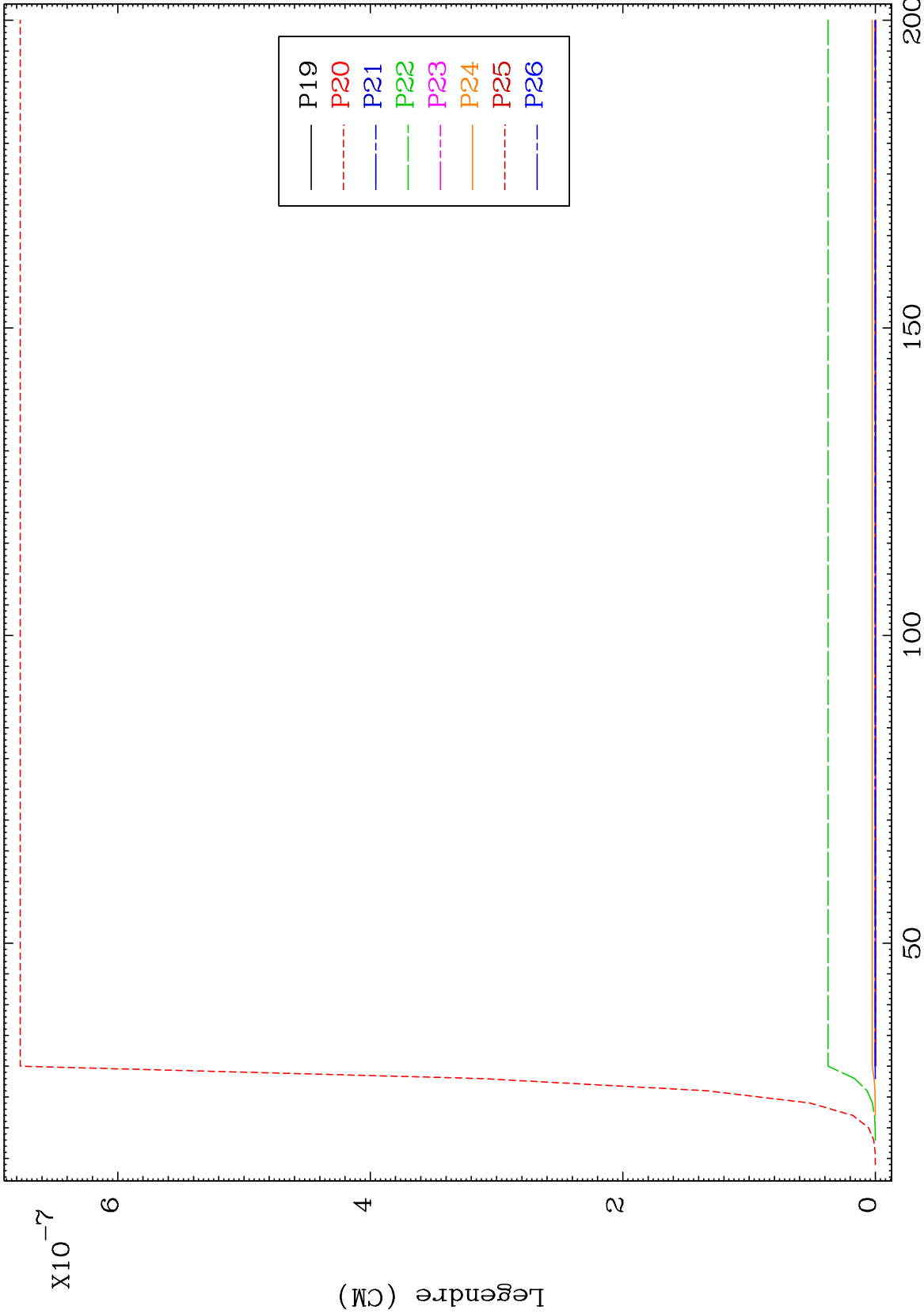
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



80

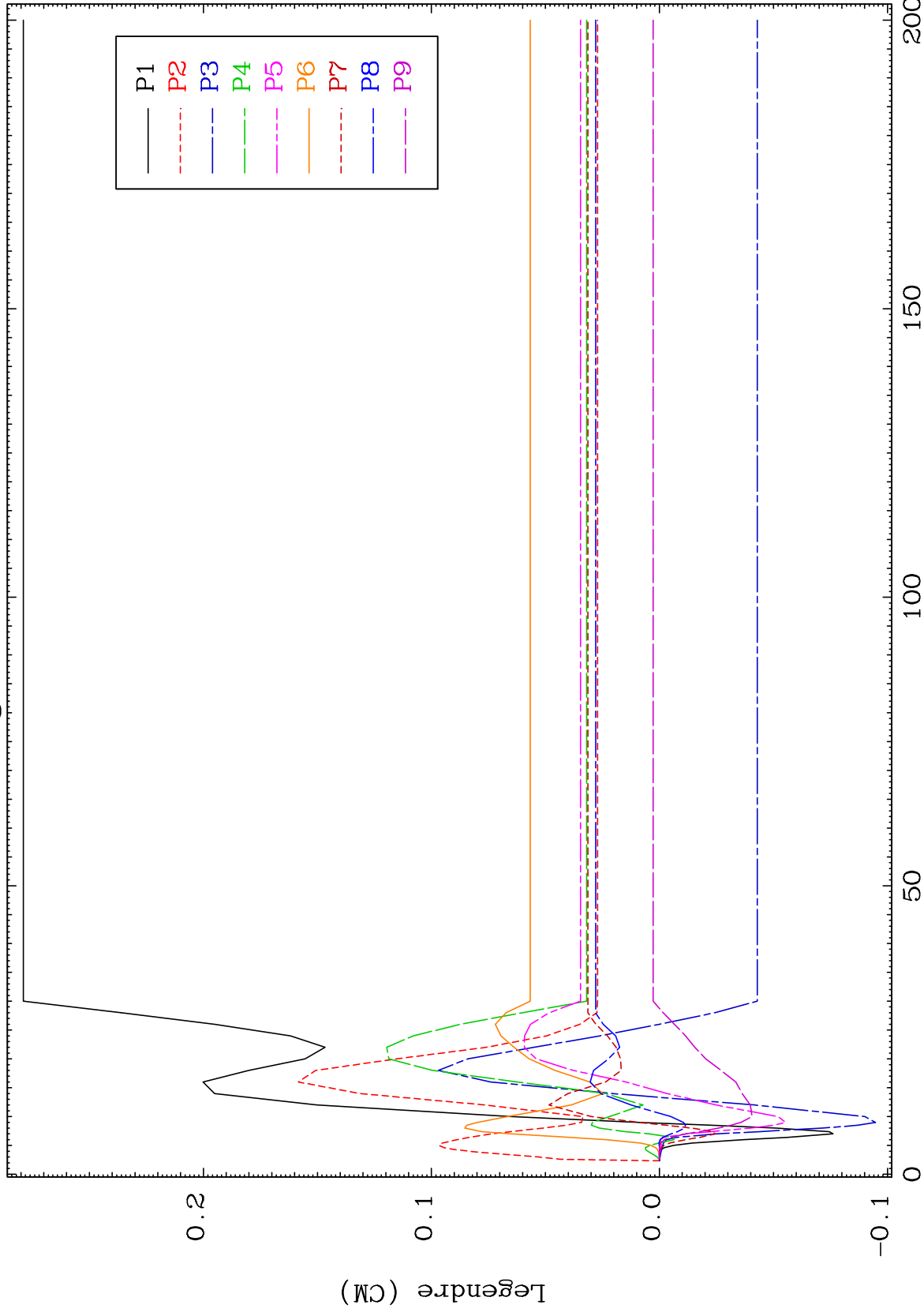
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



81

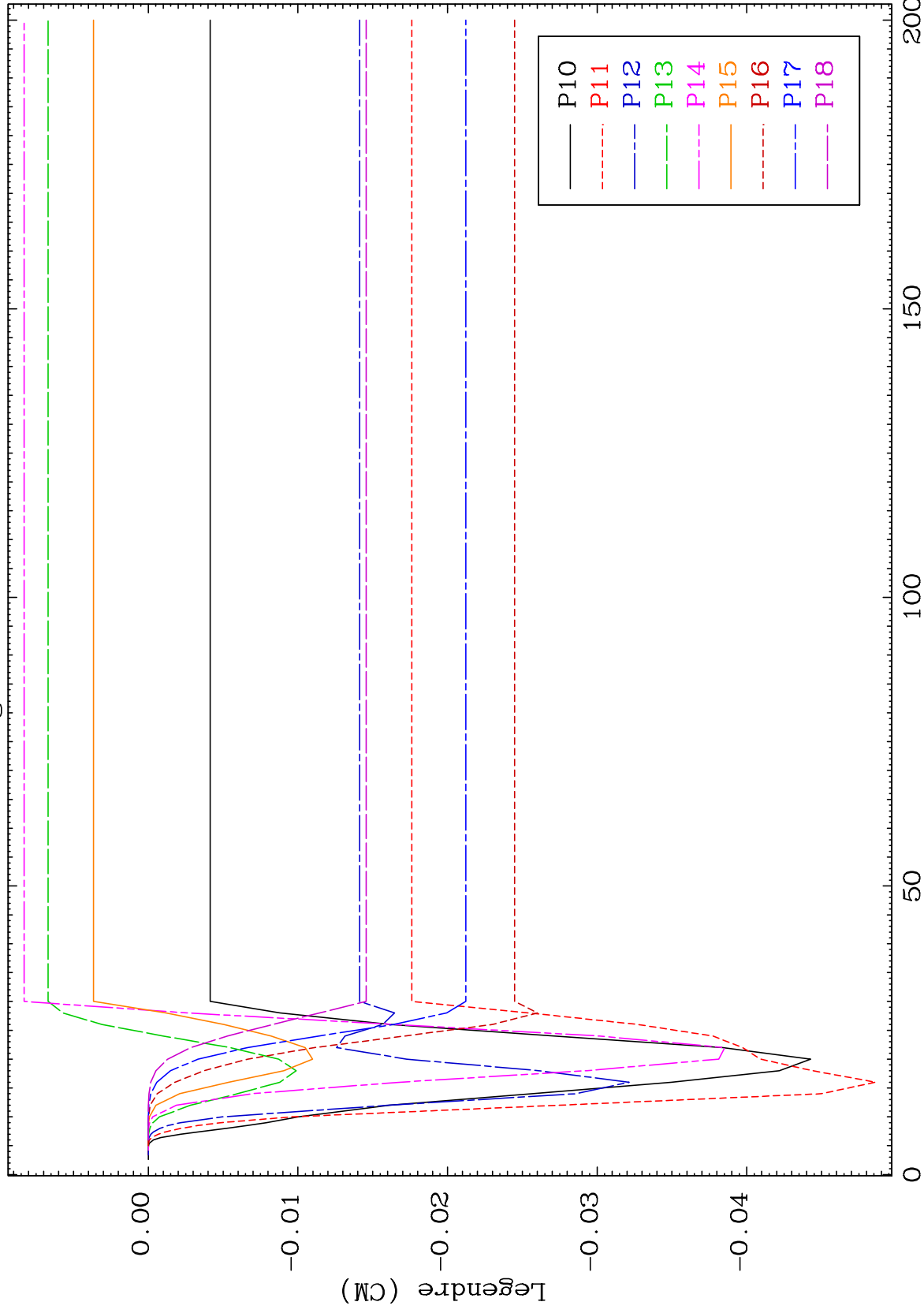
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114

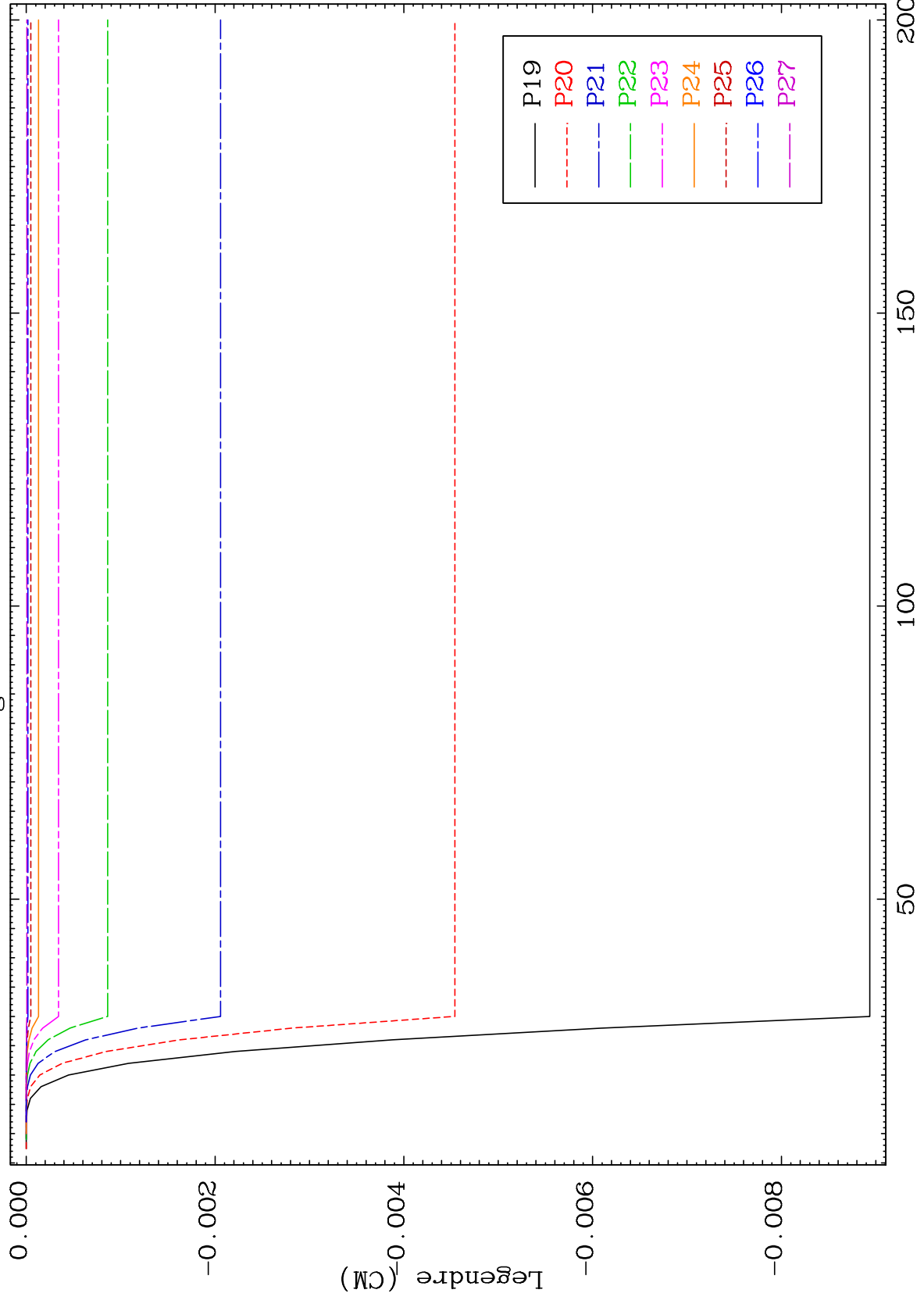


46-Pd-114

Incident Energy (MeV)

82

MAT 4661 MT= 68 (n,n') Level Legendre Coefficients 46-Pd-114

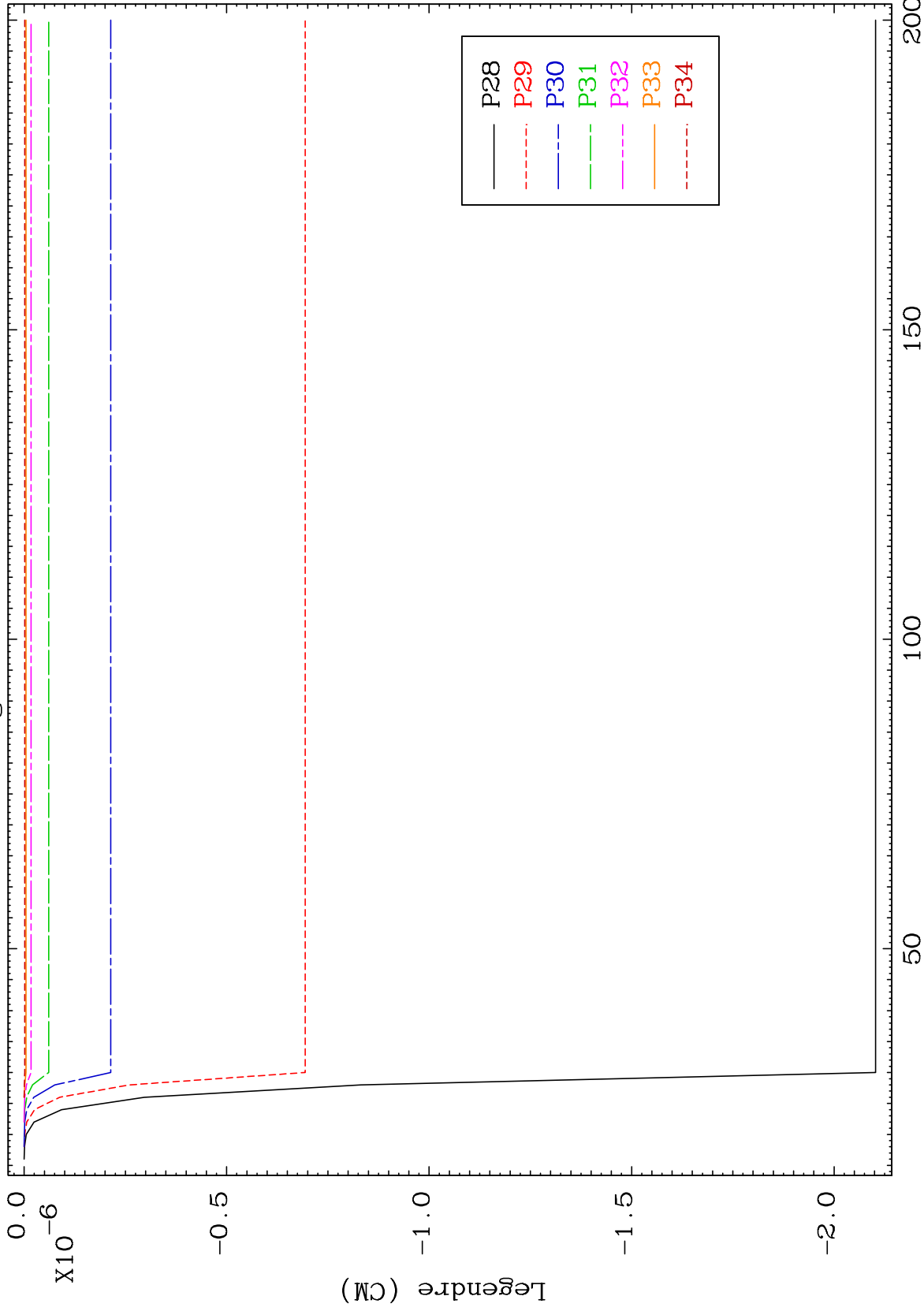


83 46-Pd-114

MAT 4661

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

46-Pd-114



84

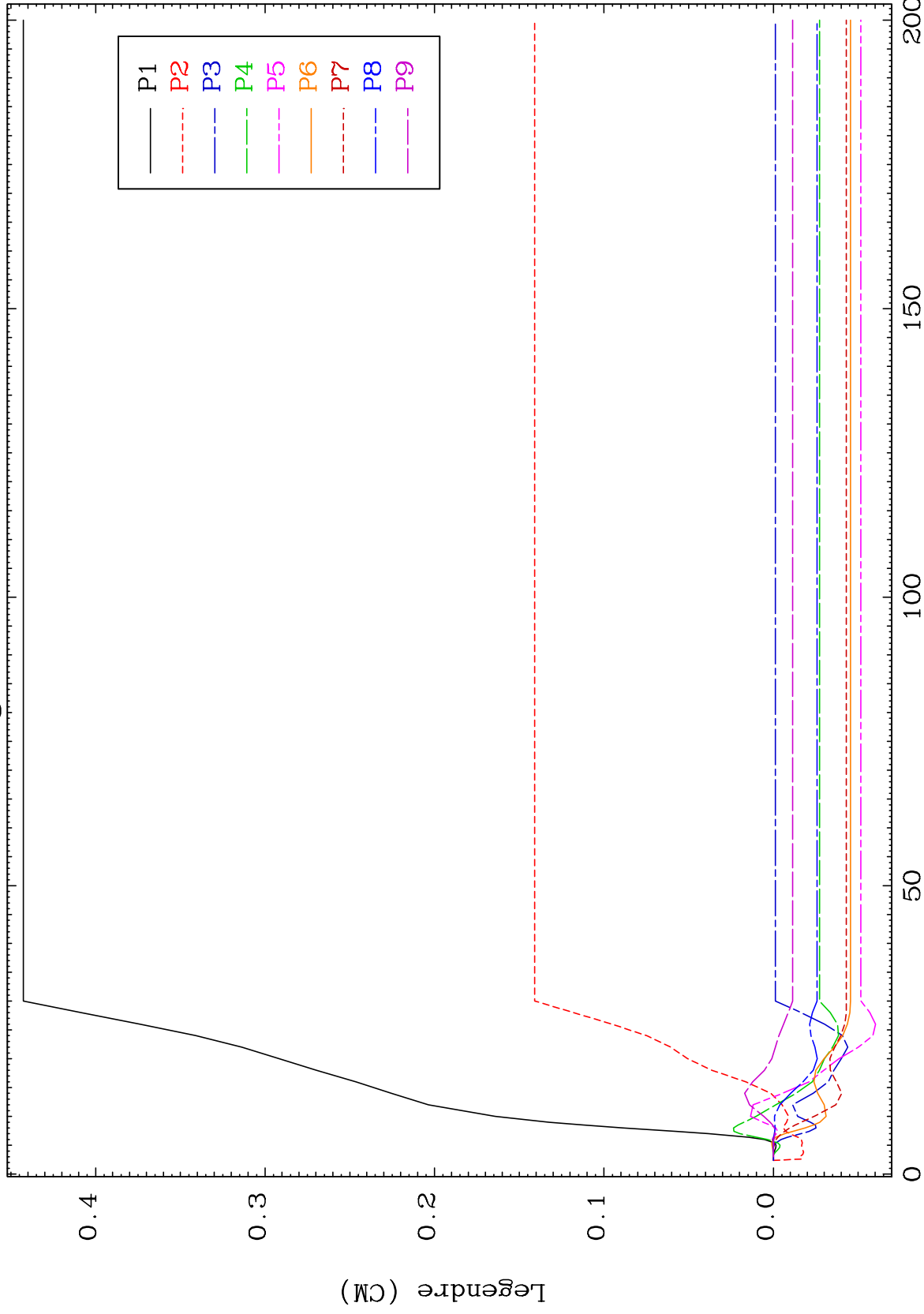
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

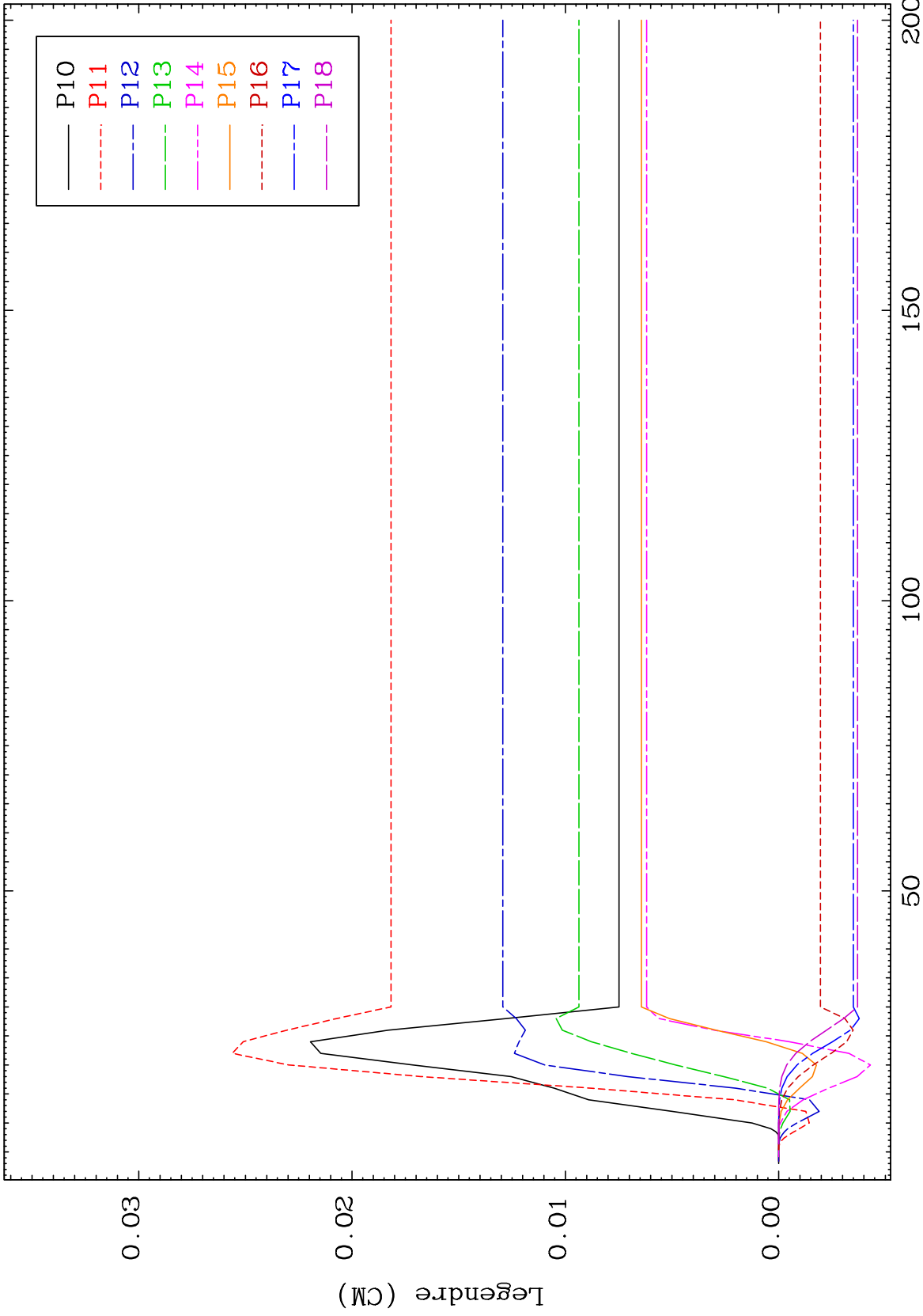
46-Pd-114



85

Incident Energy (MeV)

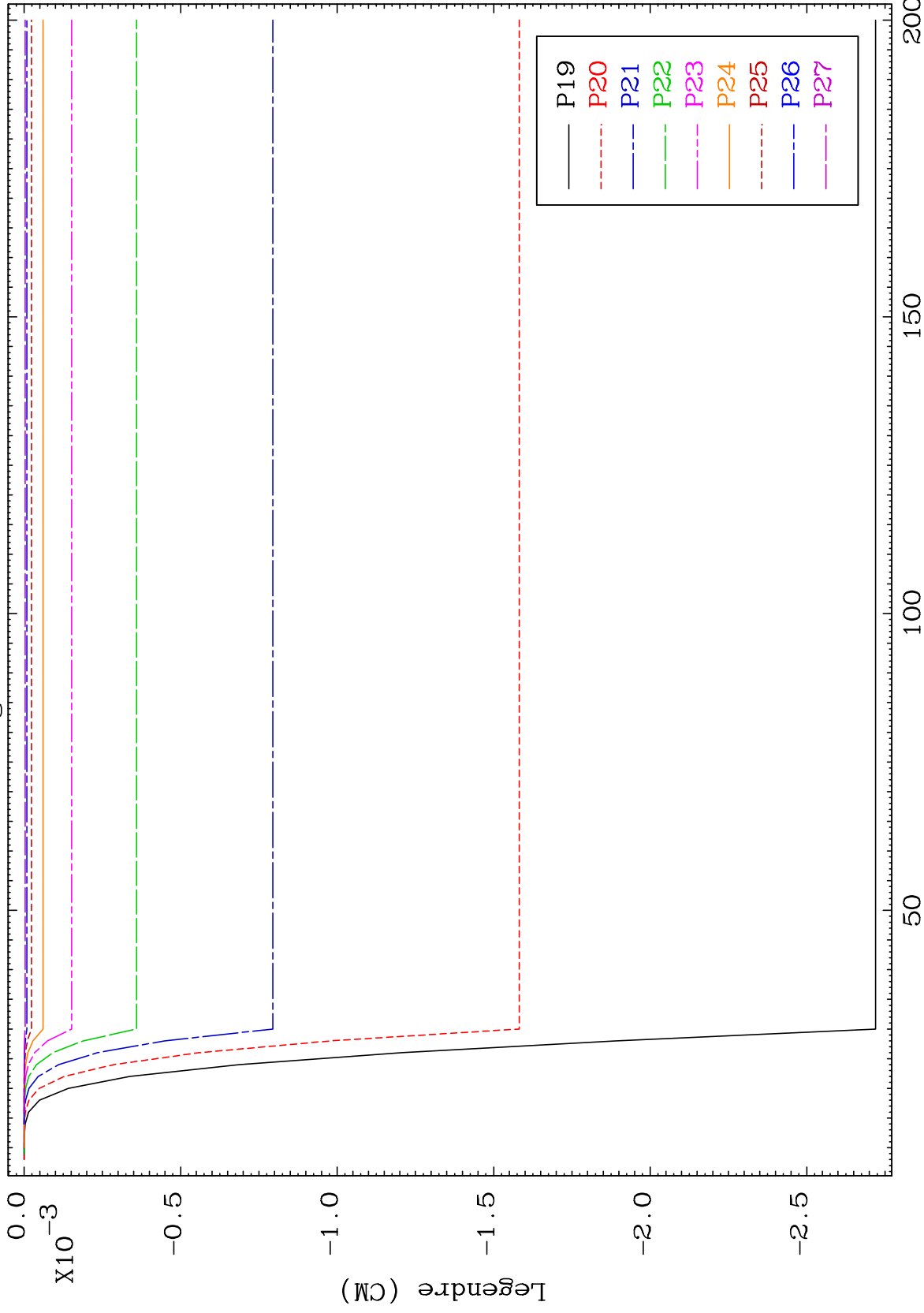
46-Pd-114



MAT 4661

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

46-Pd-114



87

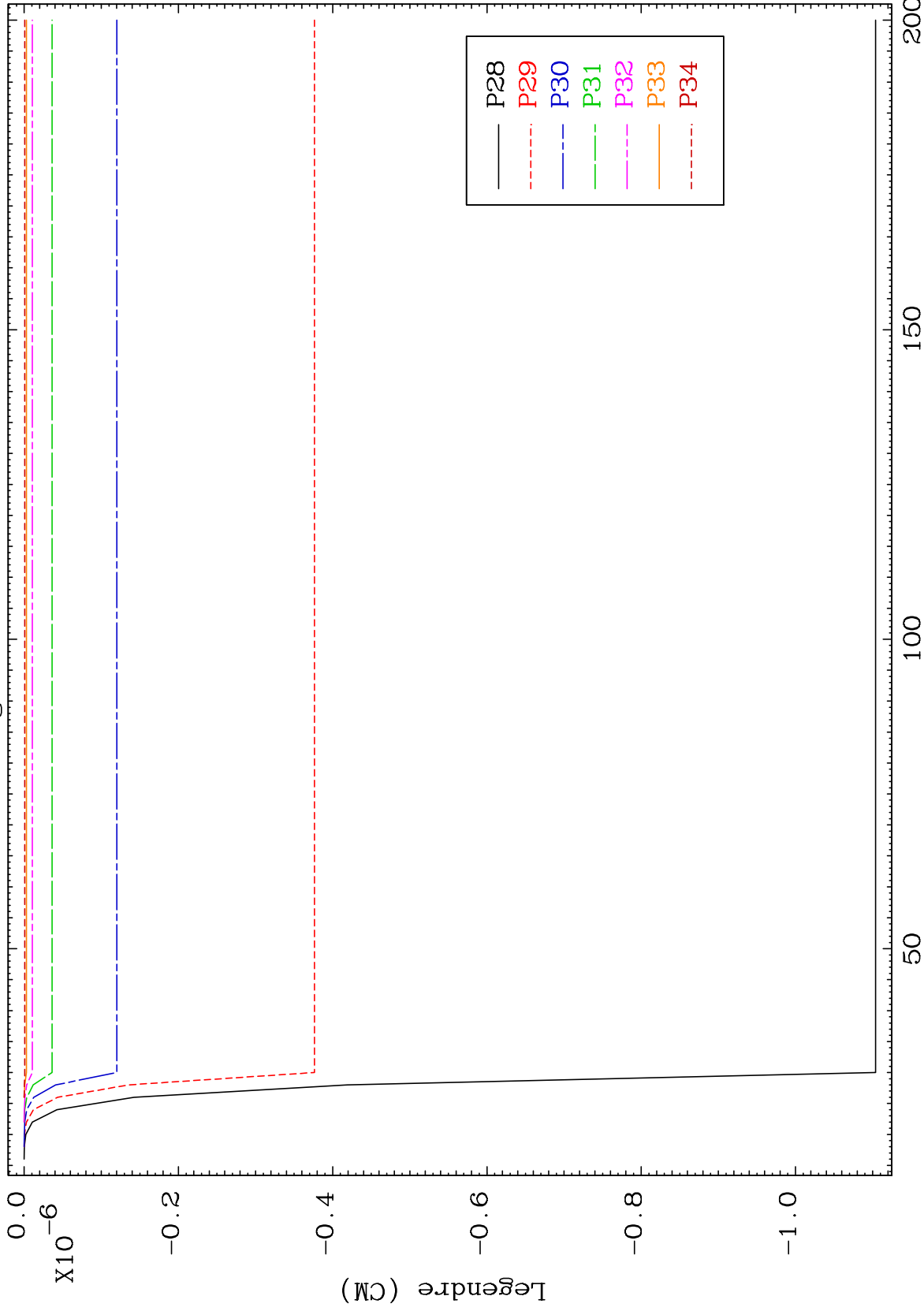
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



46-Pd-114

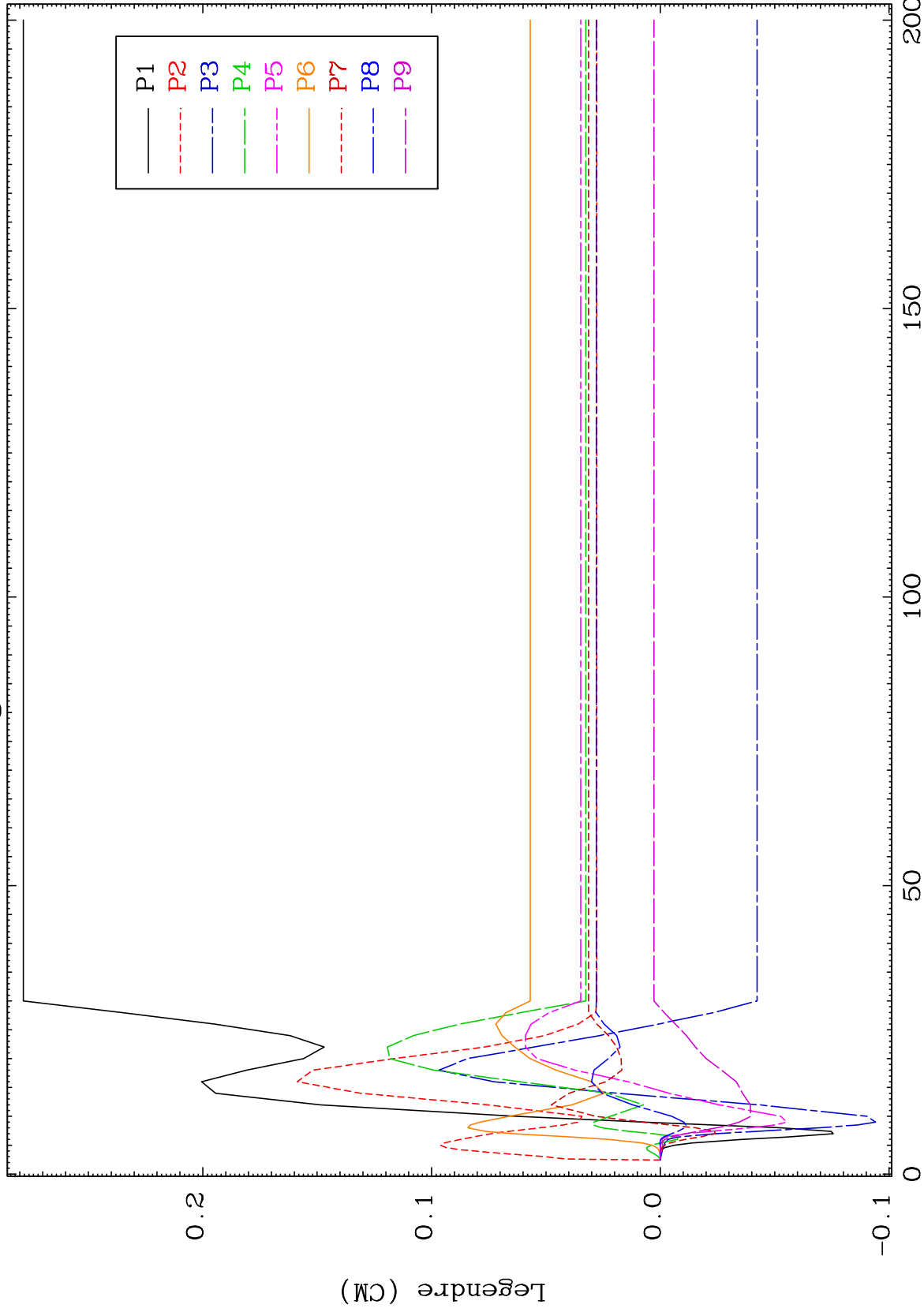
Incident Energy (MeV)

88

MAT 4661

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

46-Pd-114

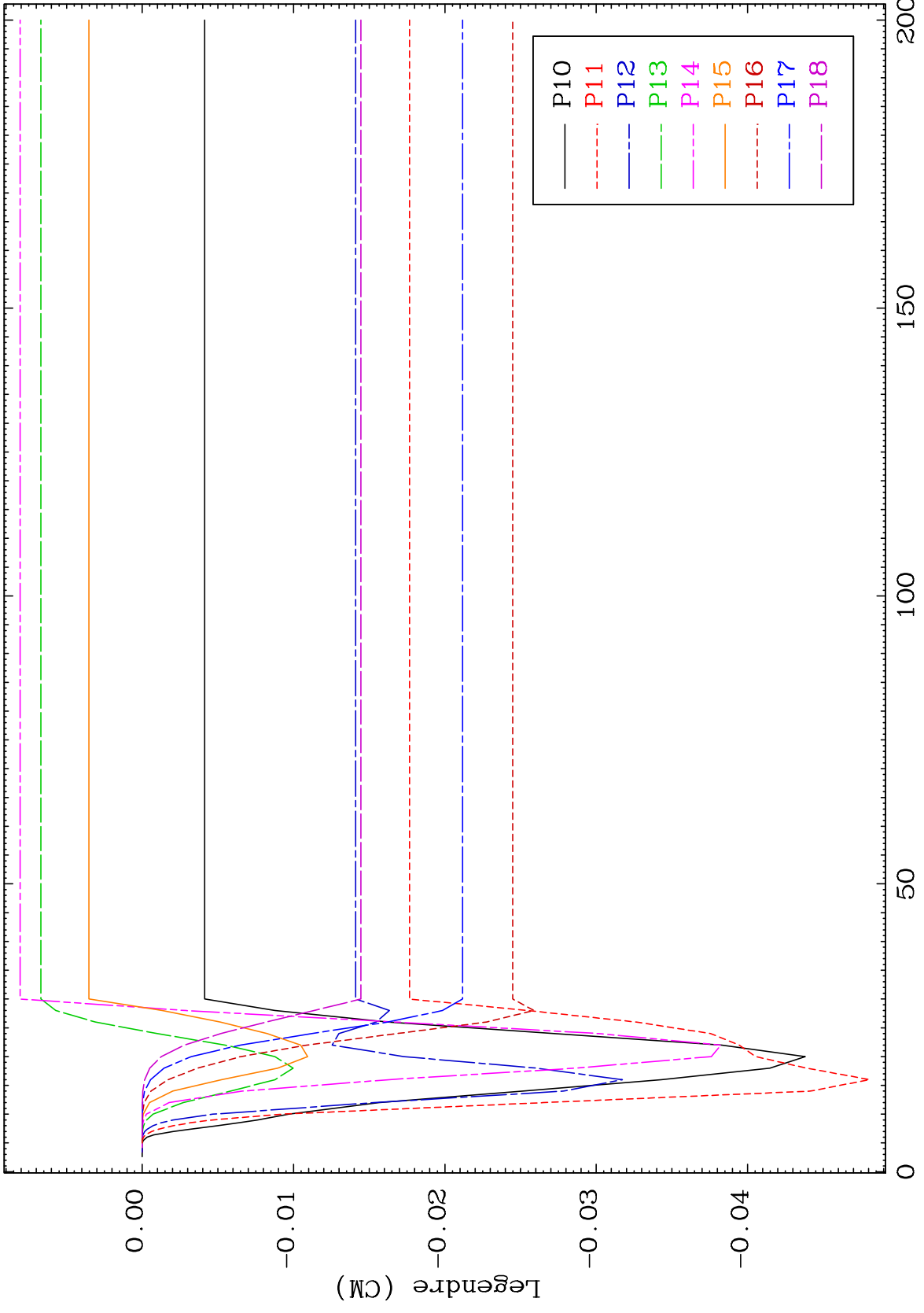


89

Incident Energy (MeV)

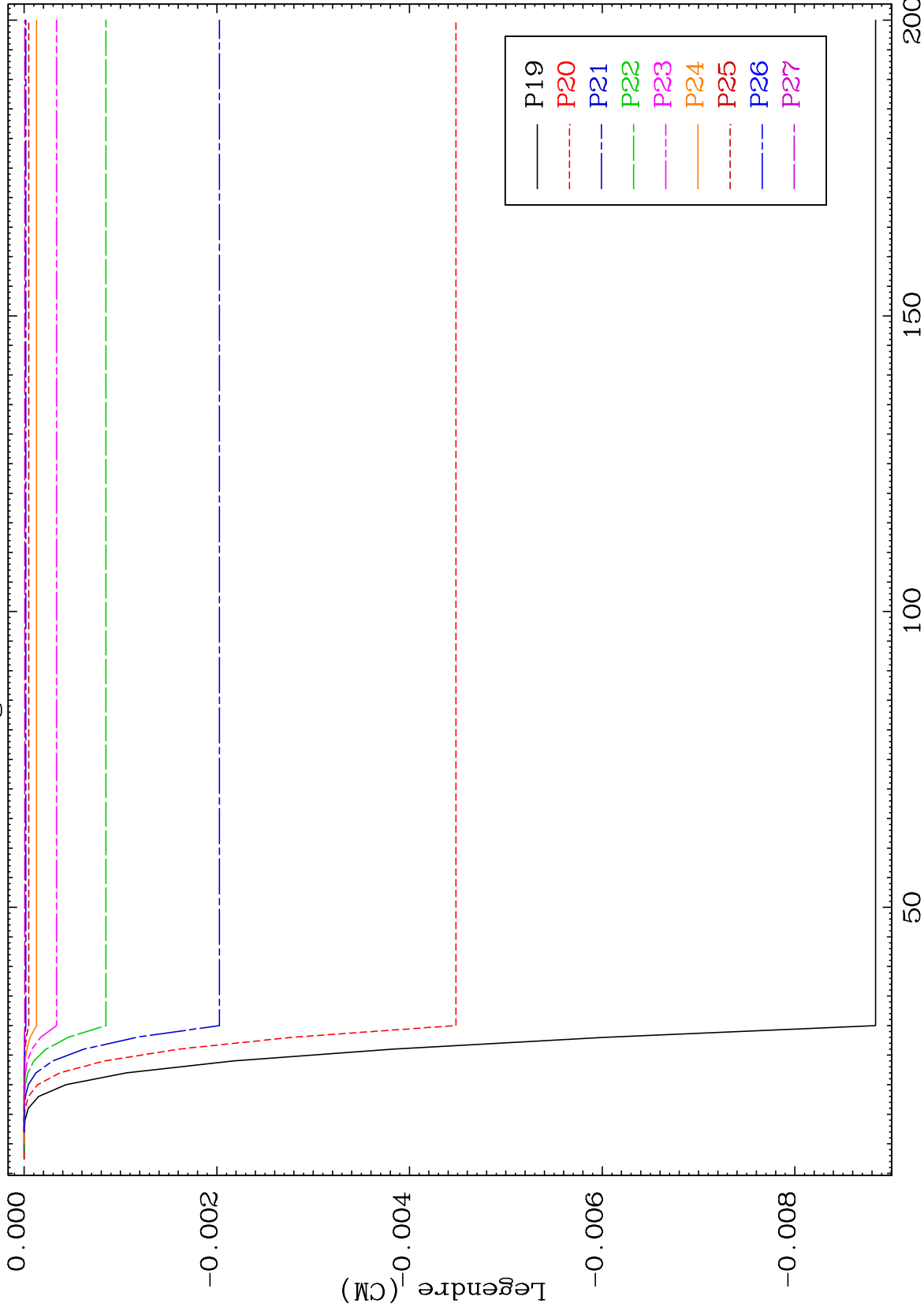
46-Pd-114

MAT 4661 MT= 70 (n,n') Level Legendre Coefficients 46-Pd-114



90 100 150 200 Incident Energy (MeV) 46-Pd-114

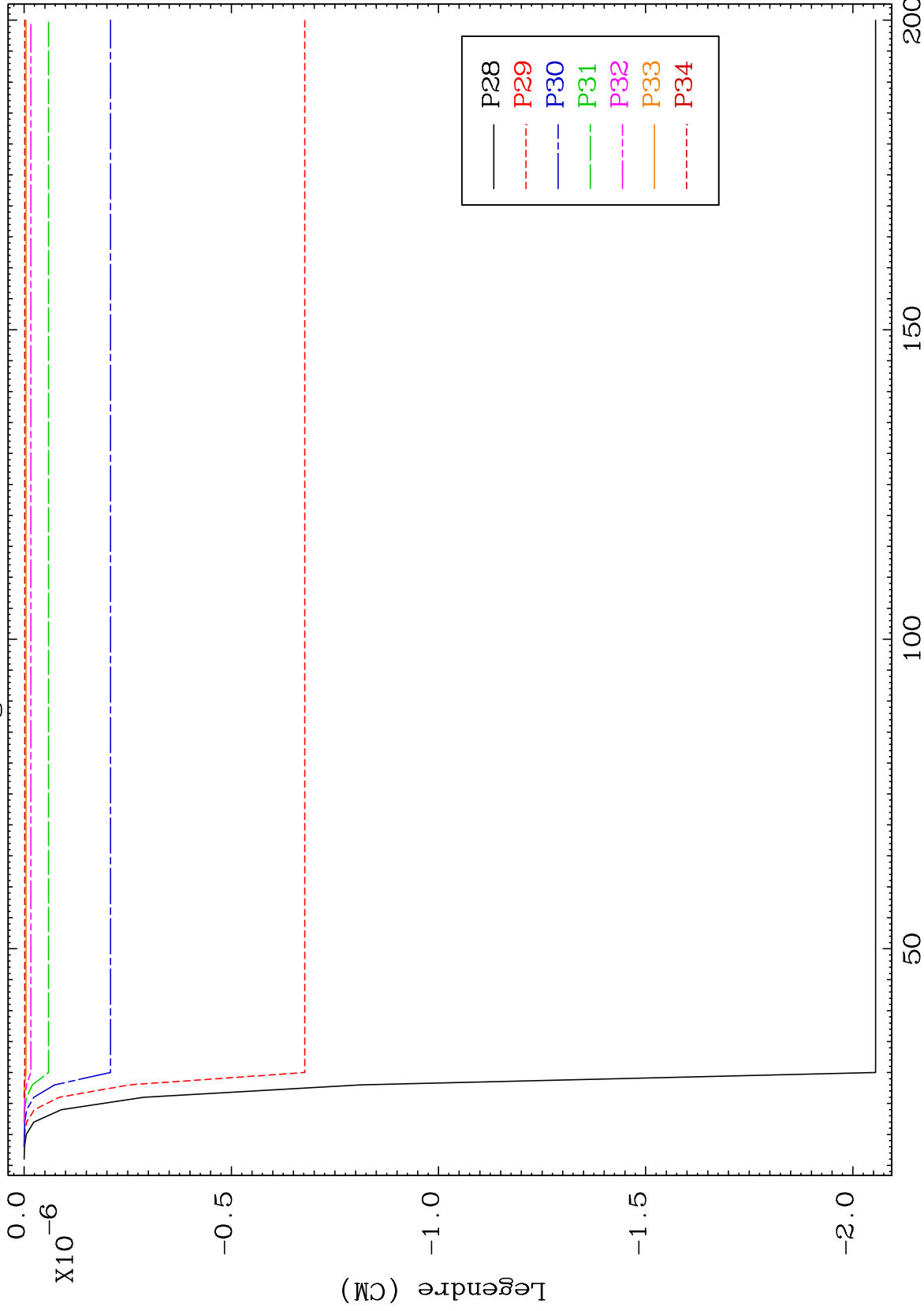
MAT 4661 MT= 70 (n,n') Level Legendre Coefficients 46-Pd-114



MAT 4661

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

46-Pd-114



46-Pd-114

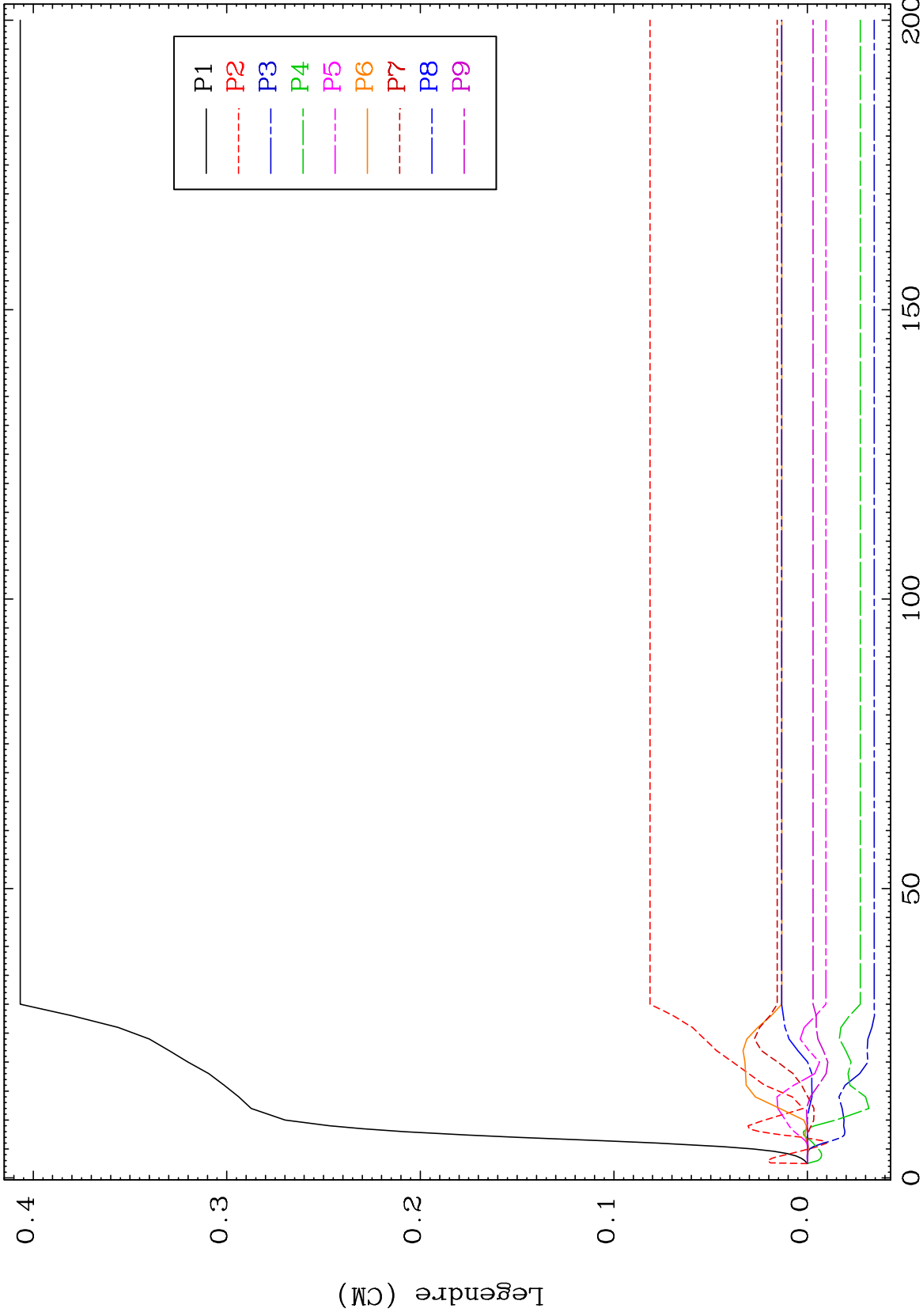
Incident Energy (MeV)

92

MAT 4661

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

46-Pd-114



93

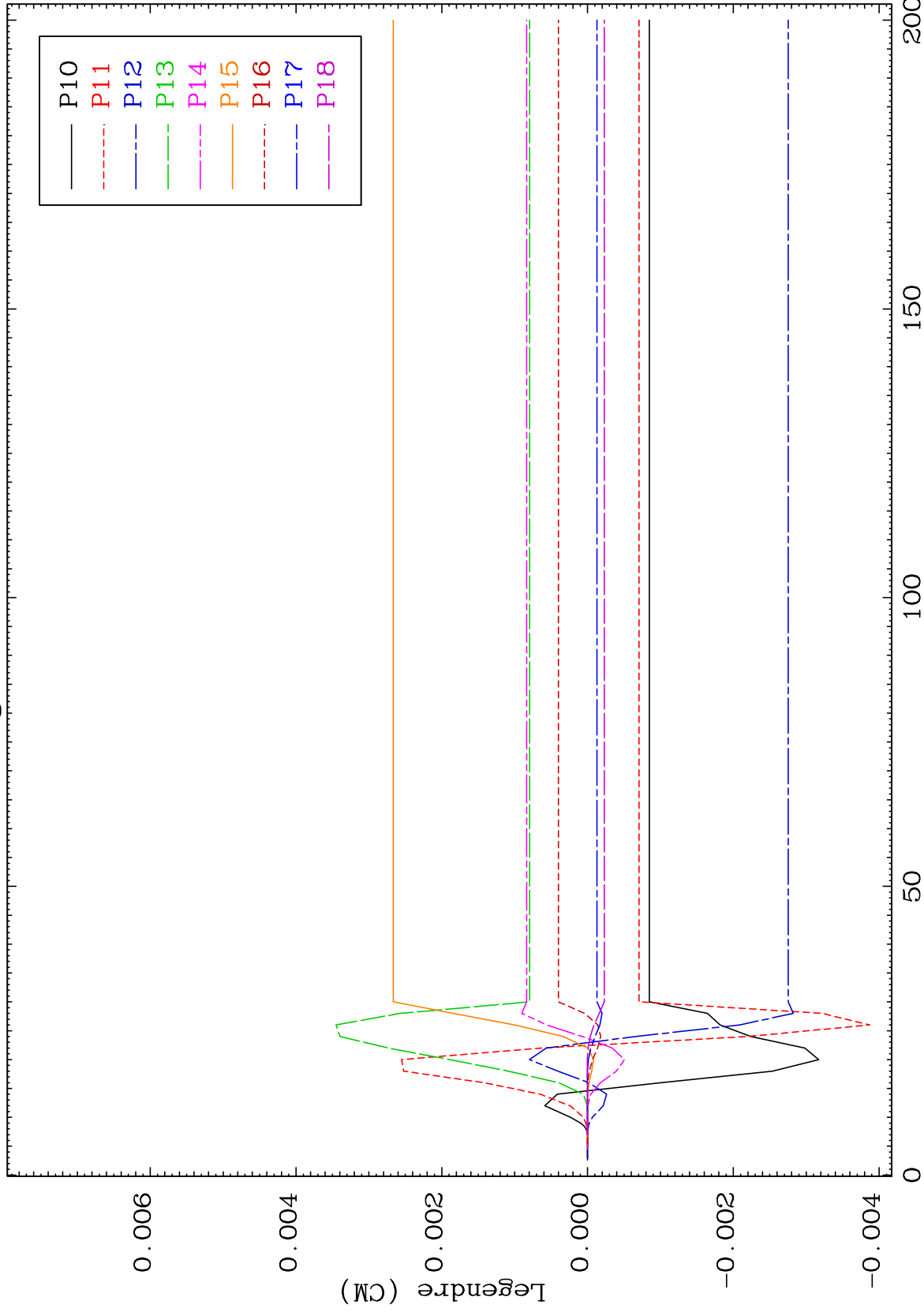
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



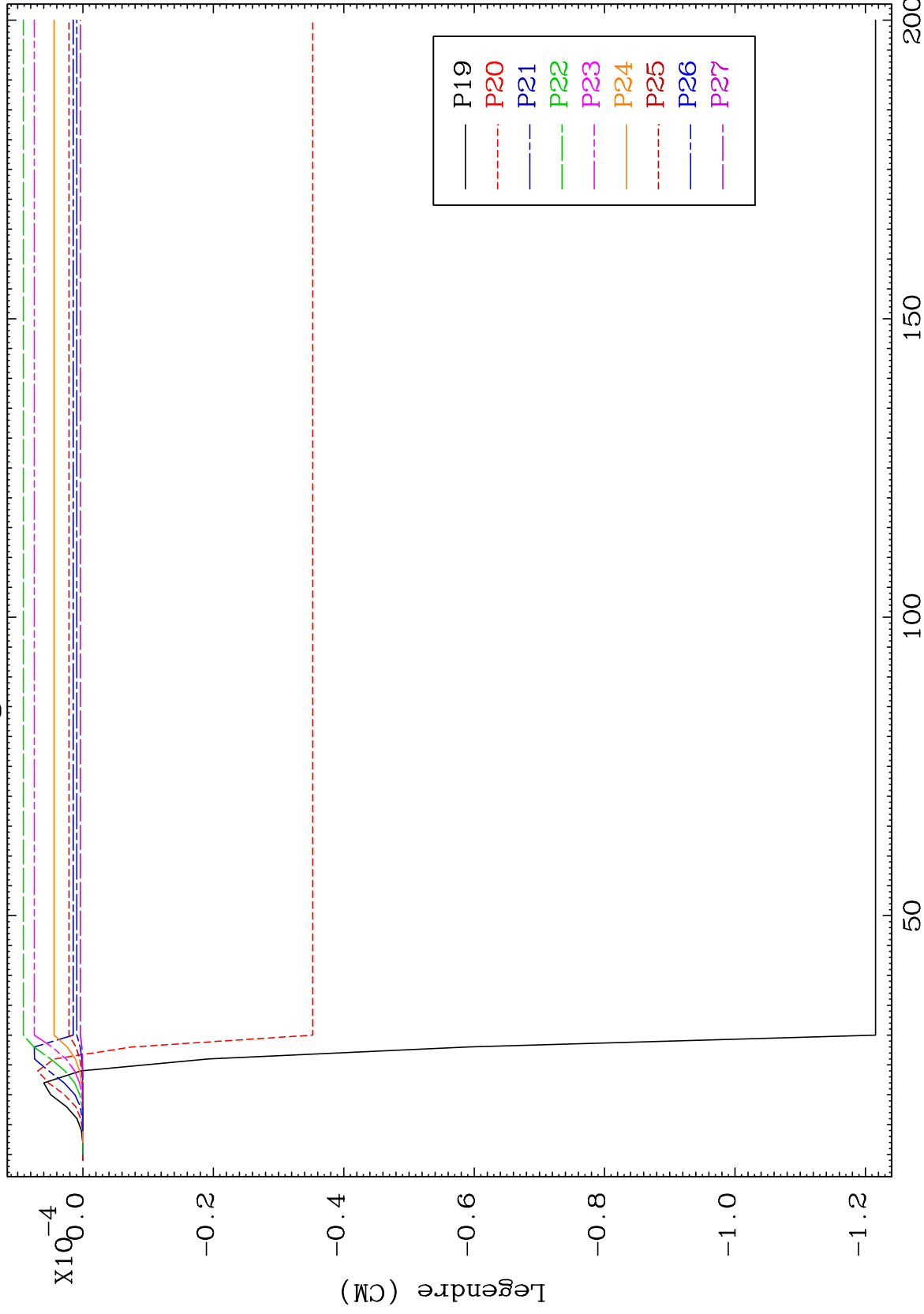
94

46-Pd-114

MAT 4661

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

46-Pd-114



95

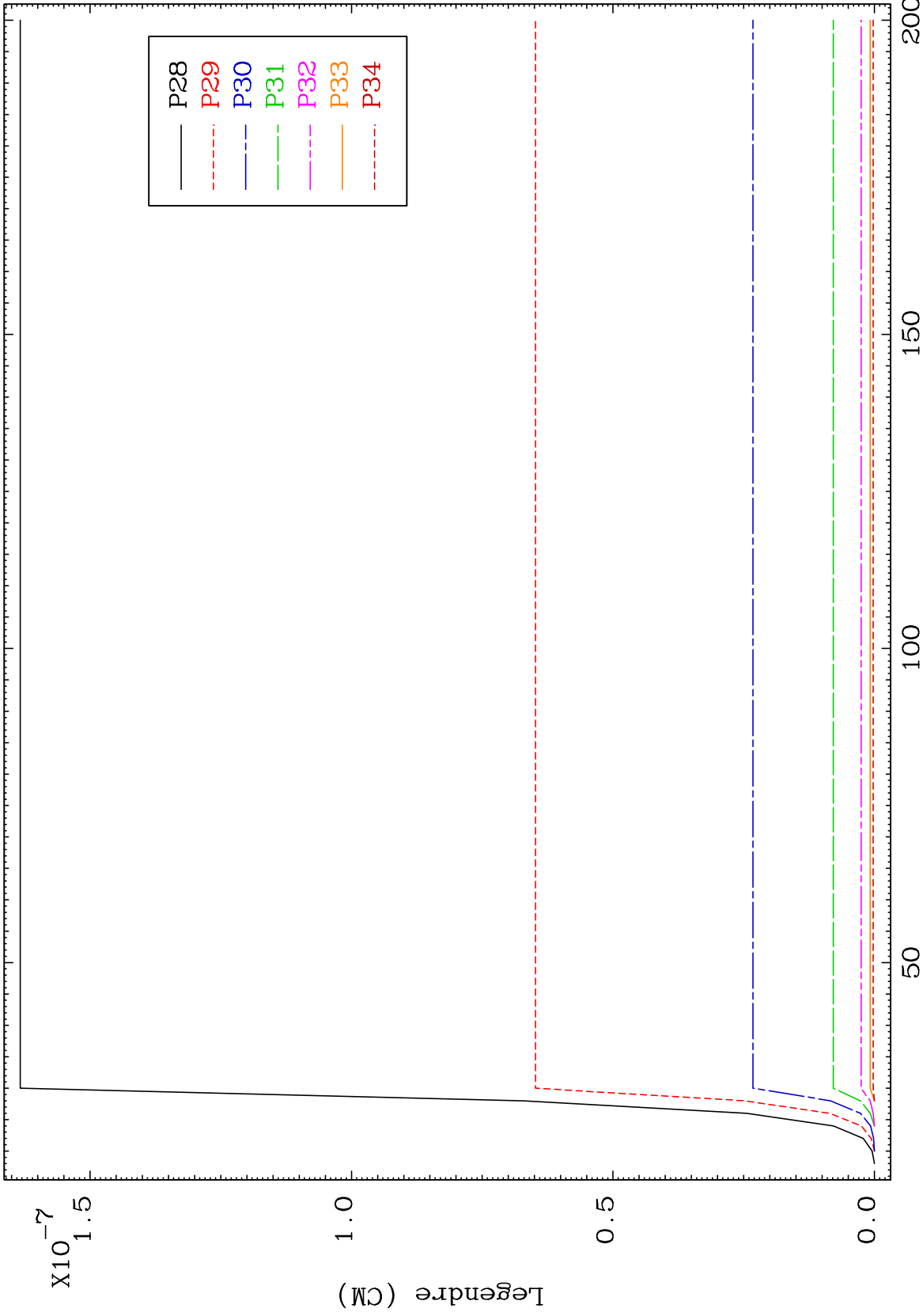
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



96

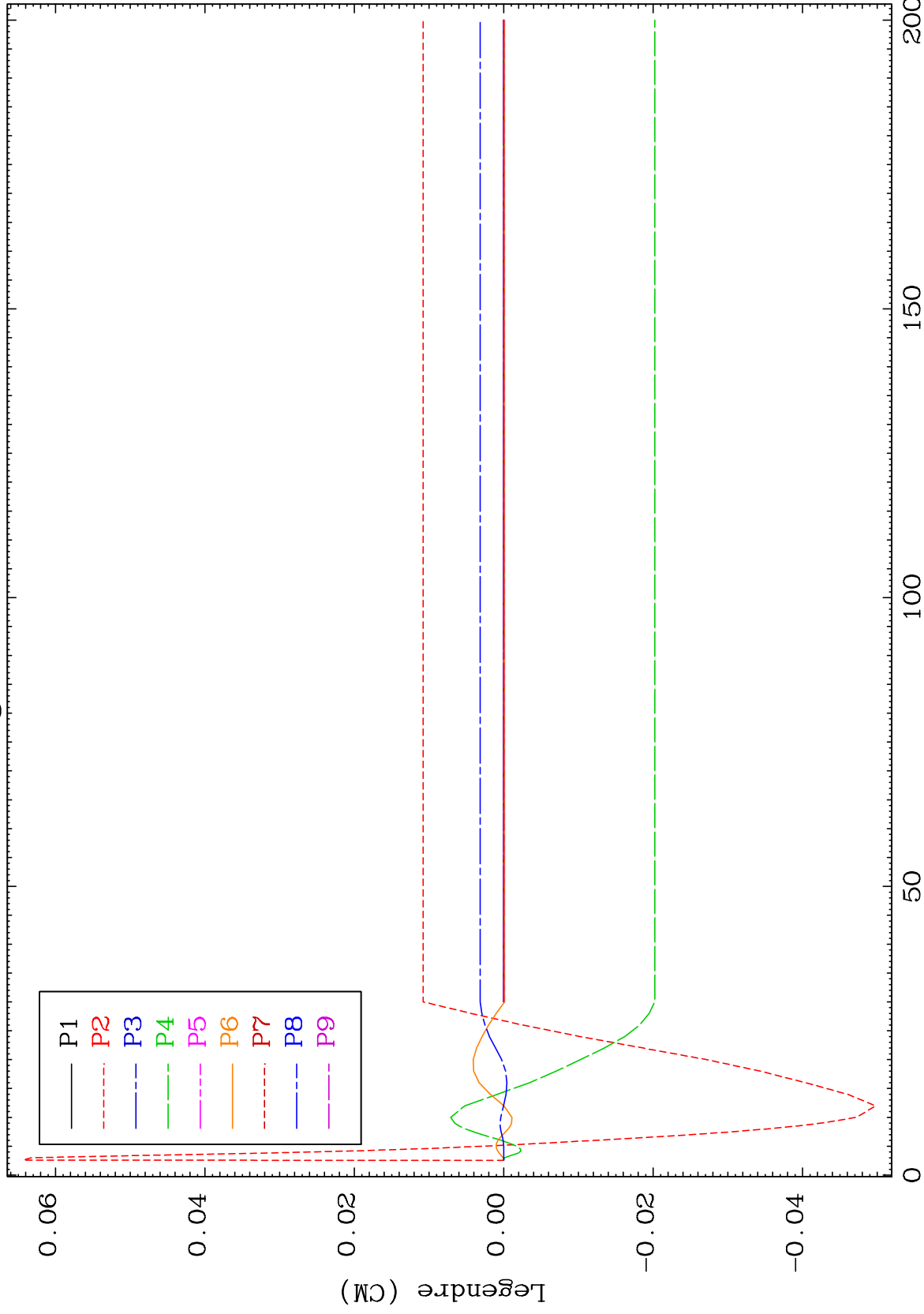
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



97

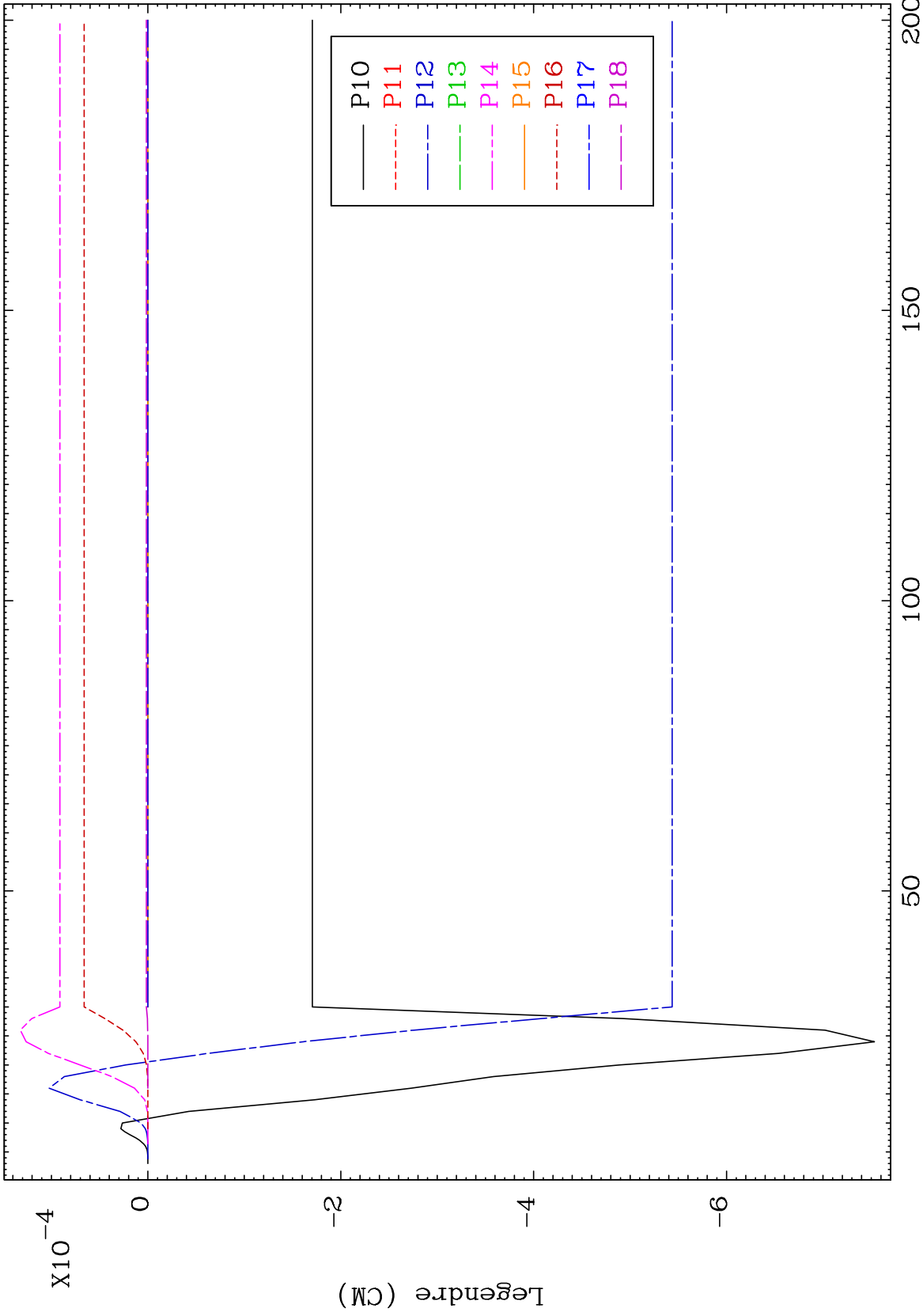
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



98

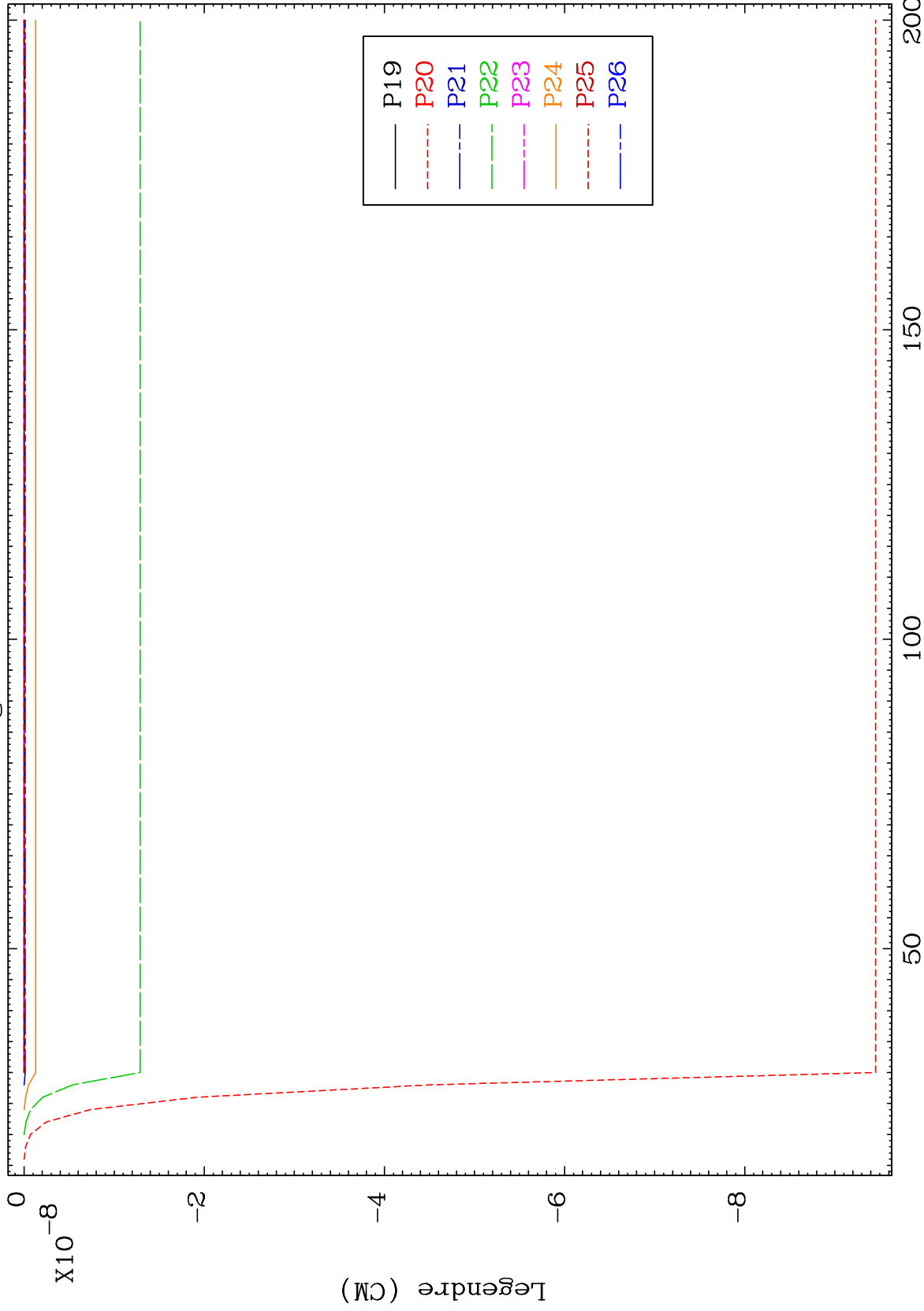
46-Pd-114

MAT 4661

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

46-Pd-114

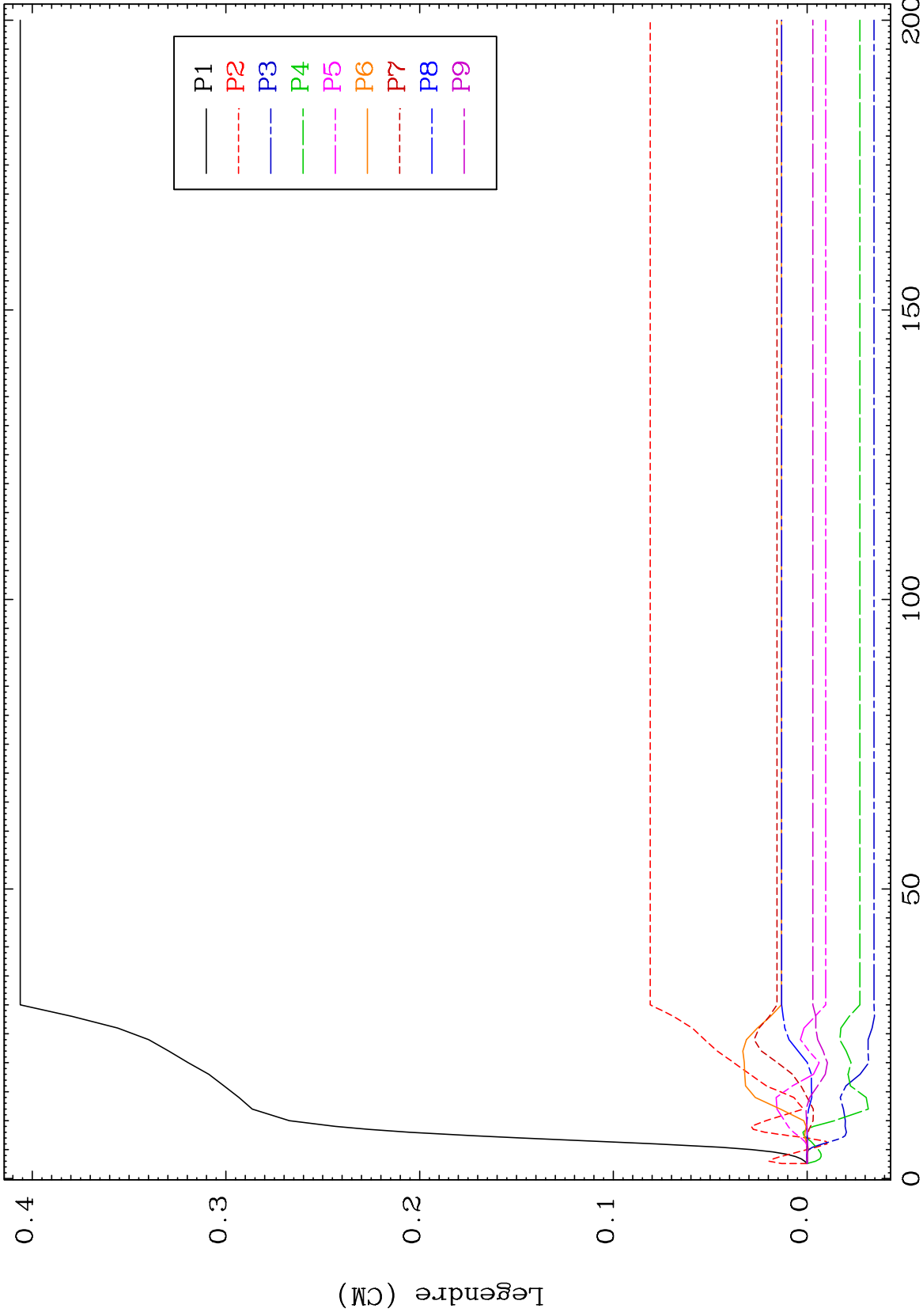
46-Pd-114



MAT 4661

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

46-Pd-114



46-Pd-114

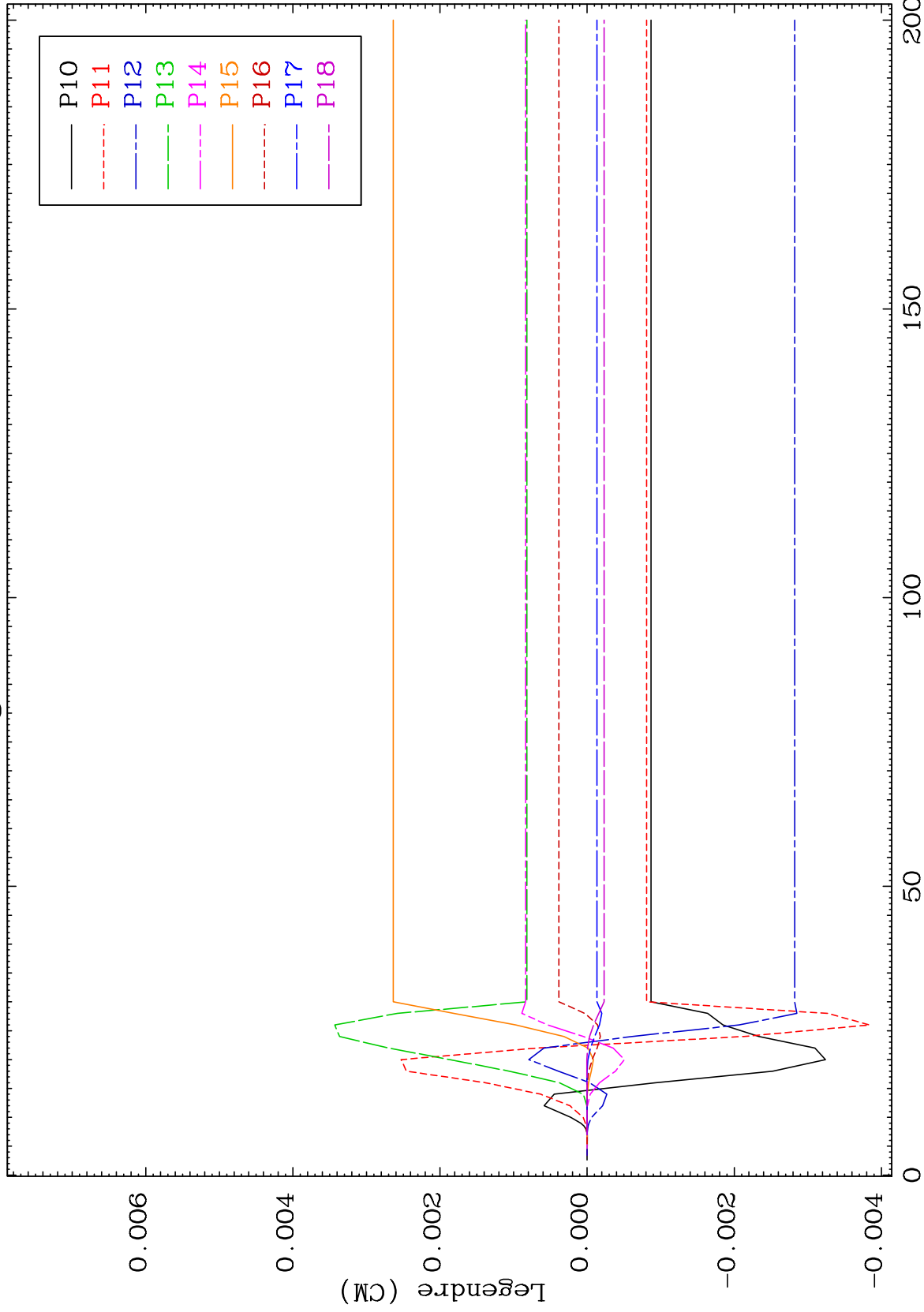
Incident Energy (MeV)

100

MAT 4661

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

46-Pd-114



101

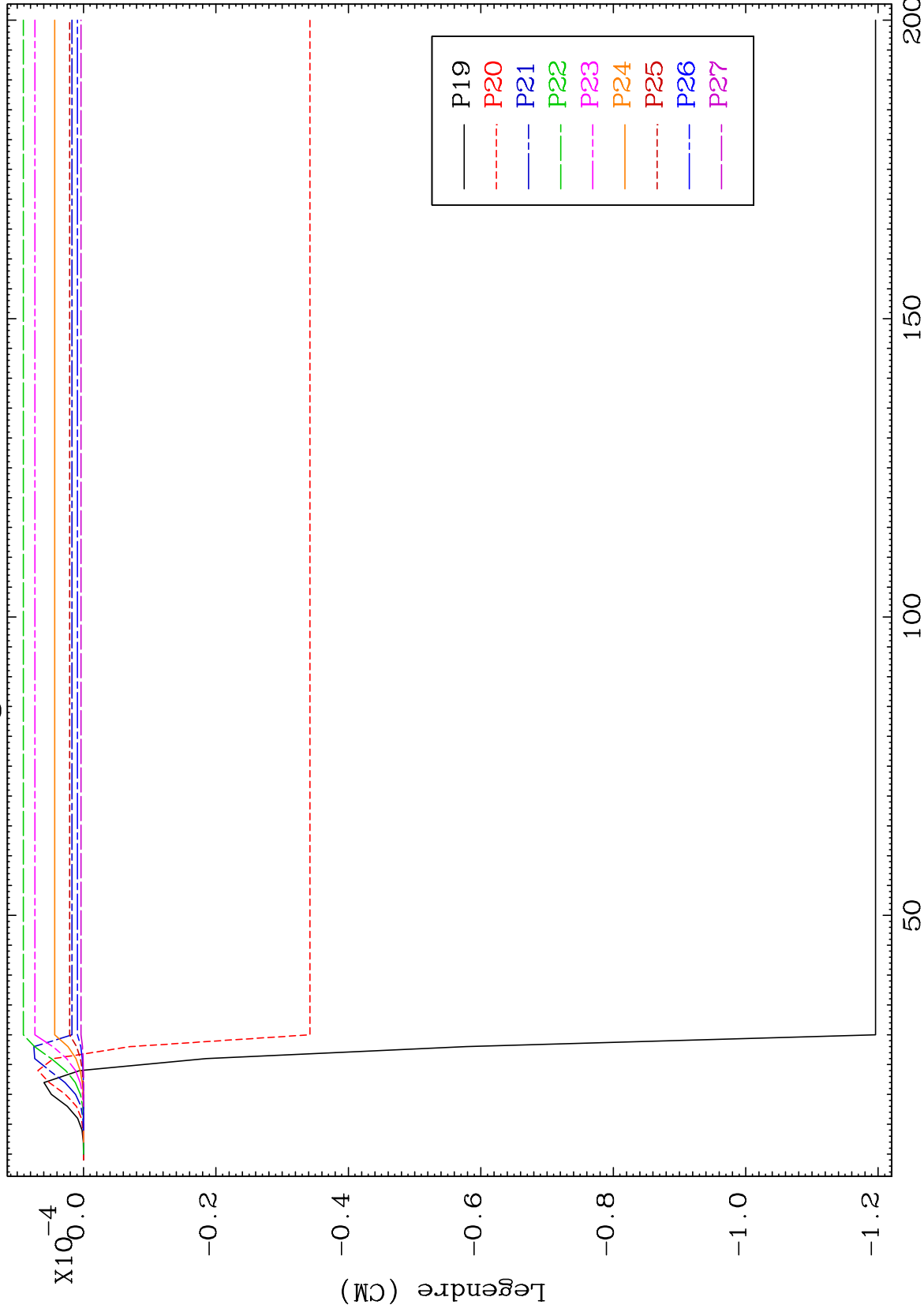
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



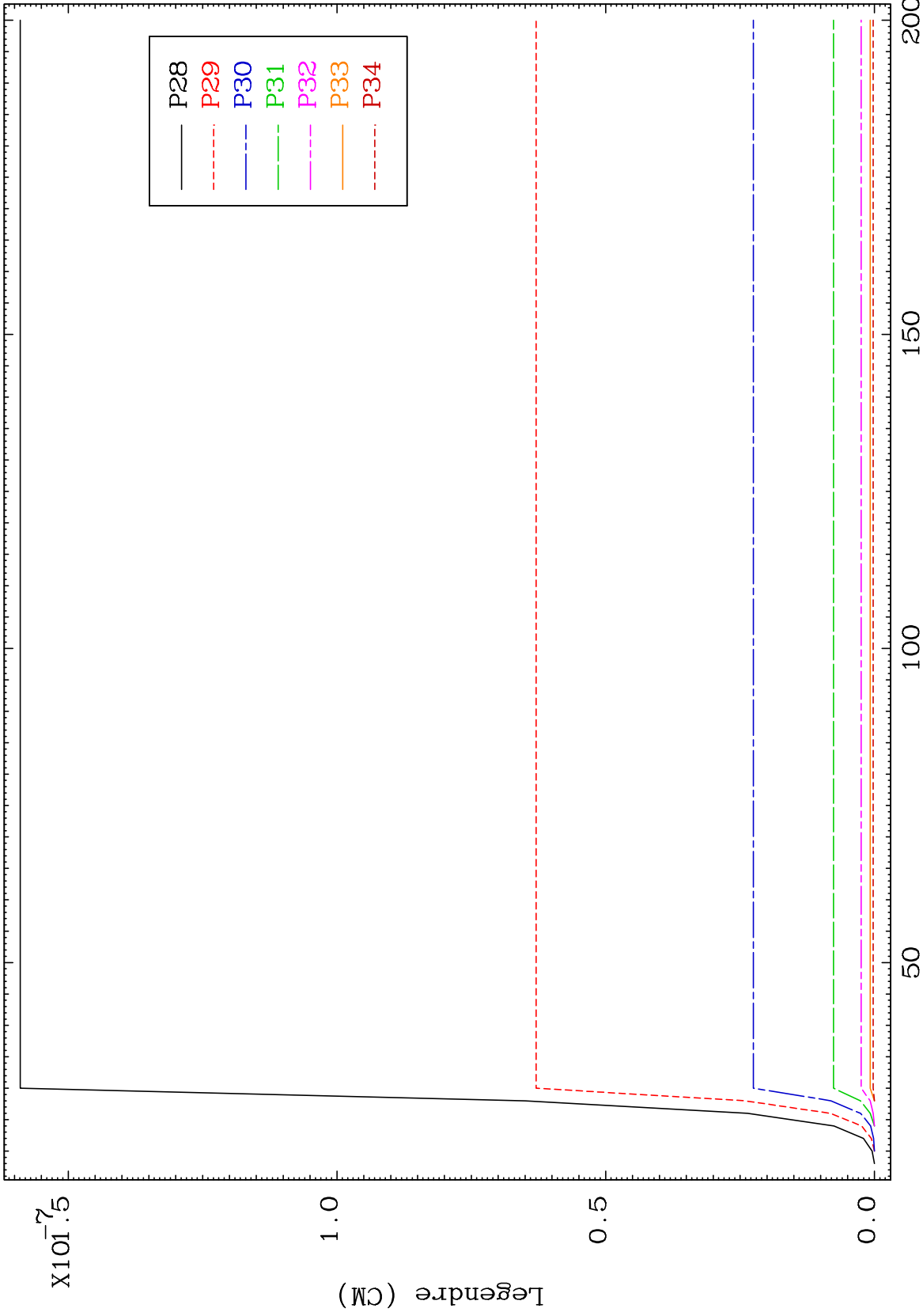
102

46-Pd-114

MAT 4661

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

46-Pd-114



103

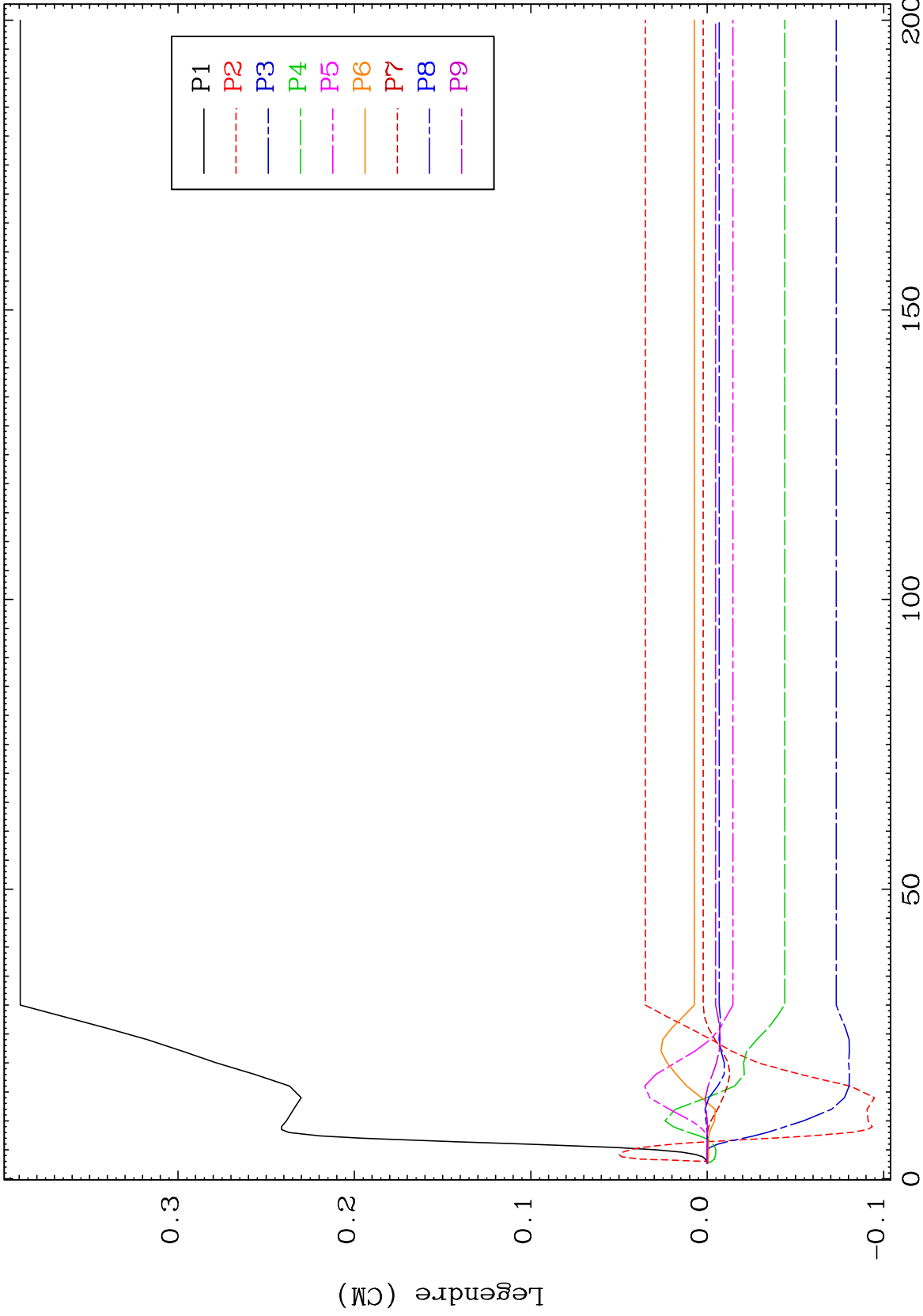
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



104

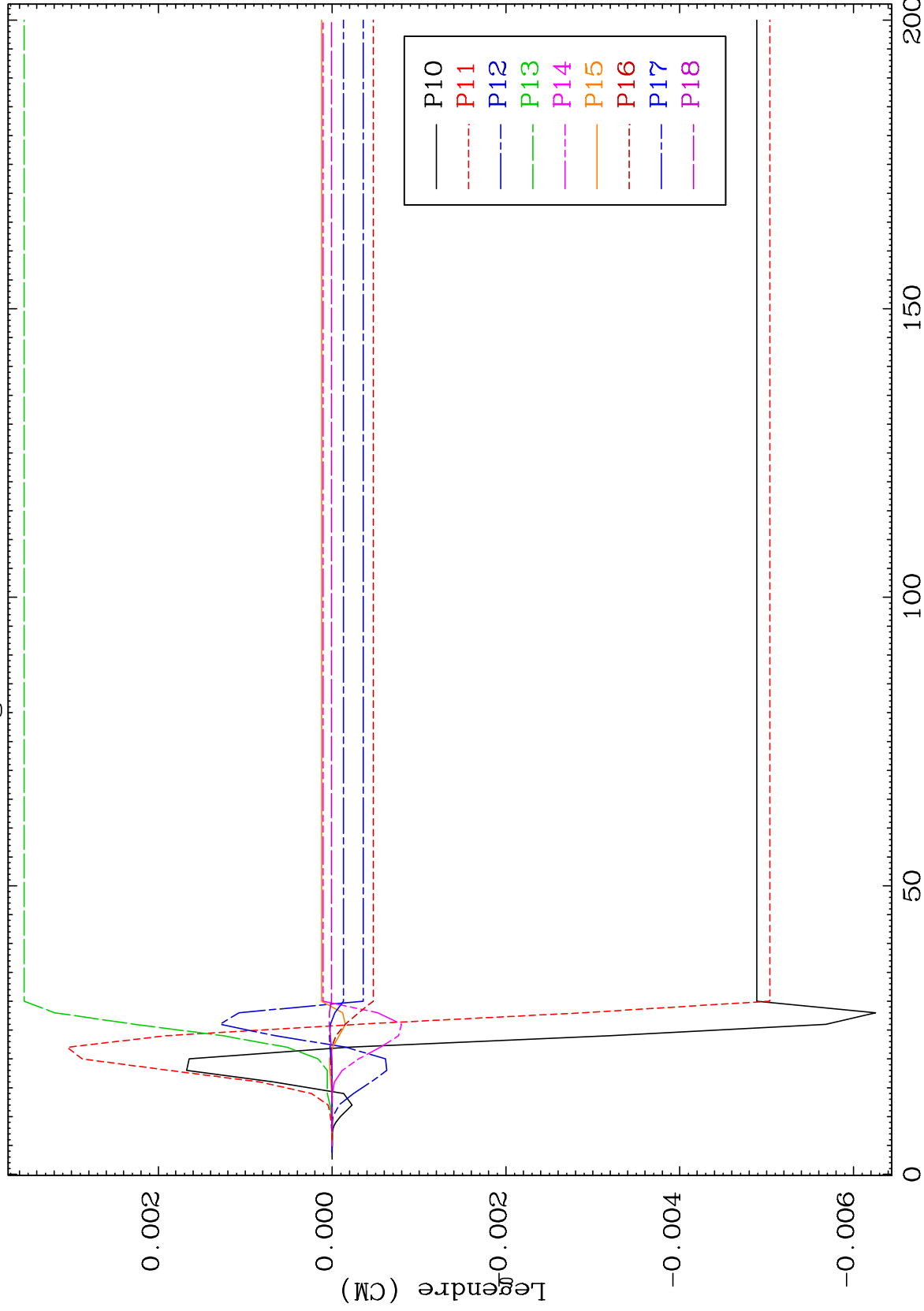
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



105

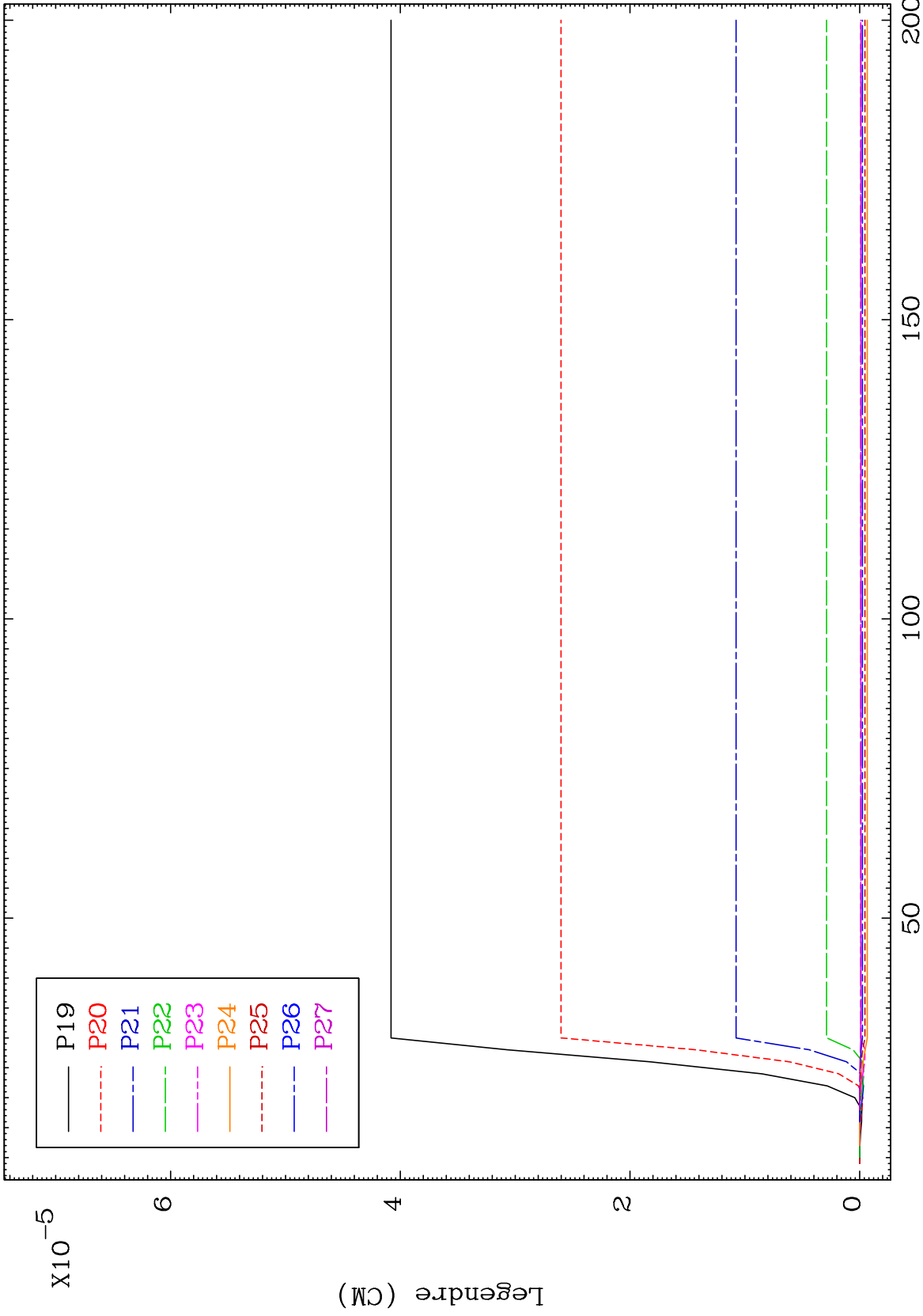
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



106

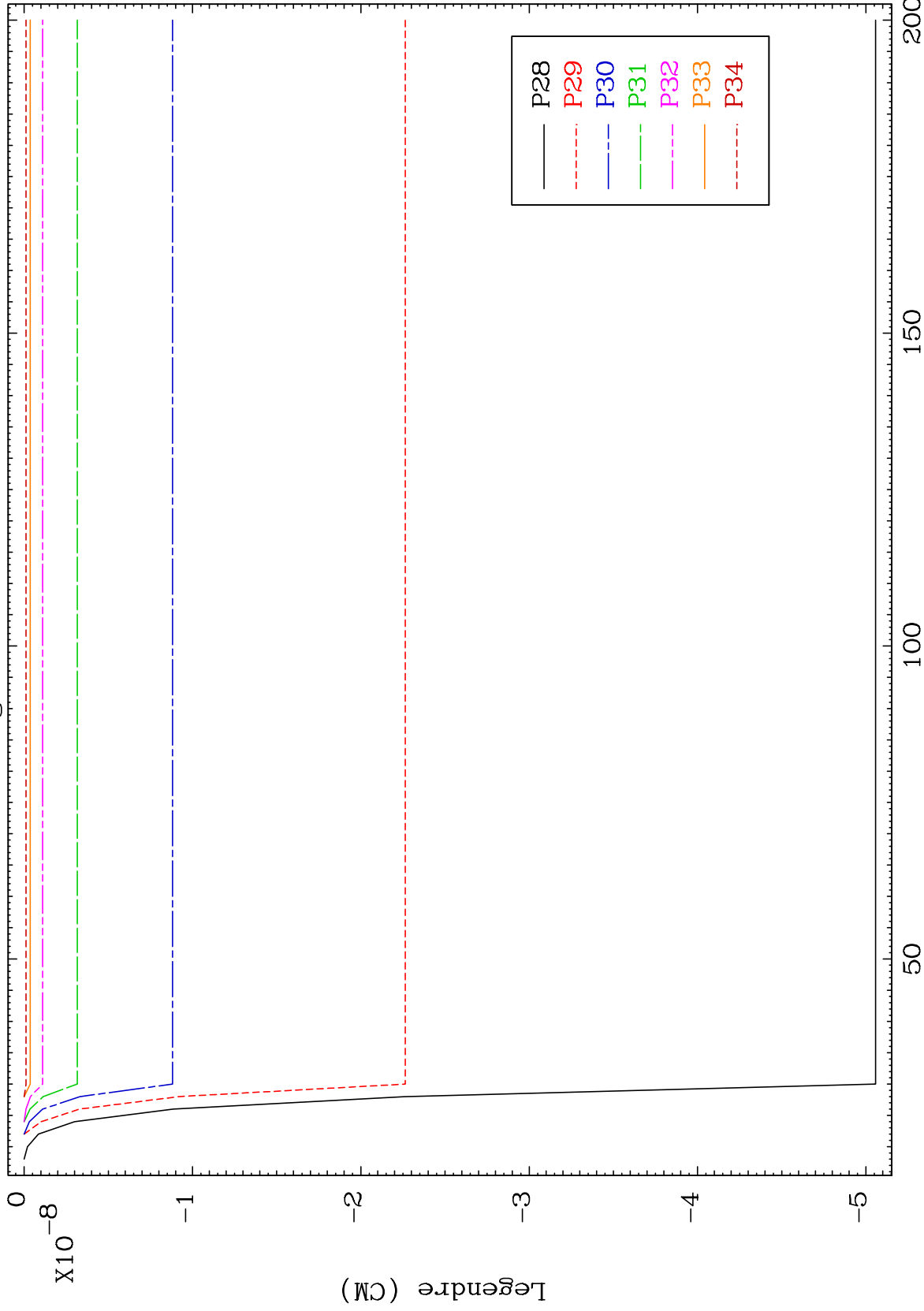
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



46-Pd-114

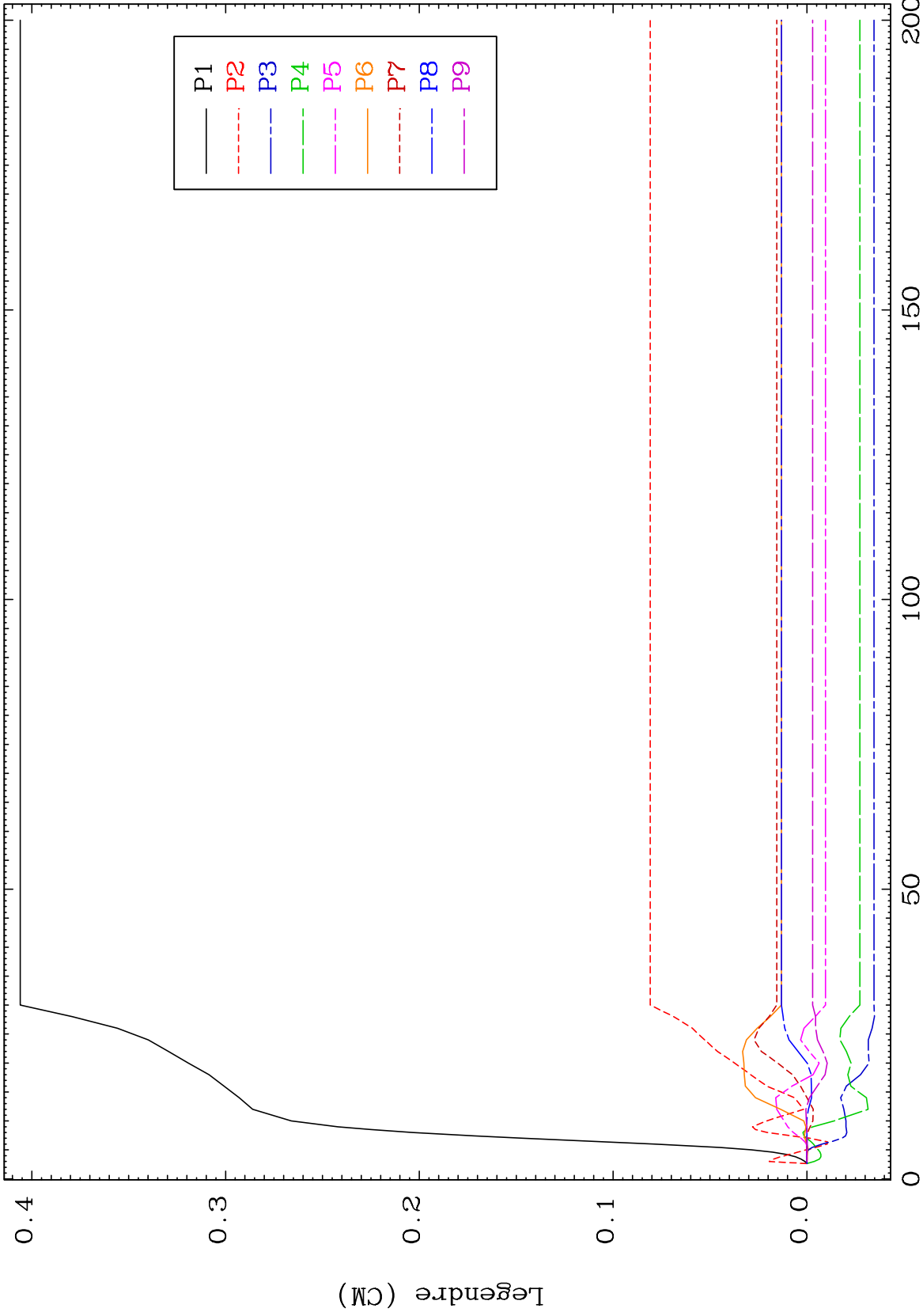
Incident Energy (MeV)

107

MAT 4661

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

46-Pd-114



108

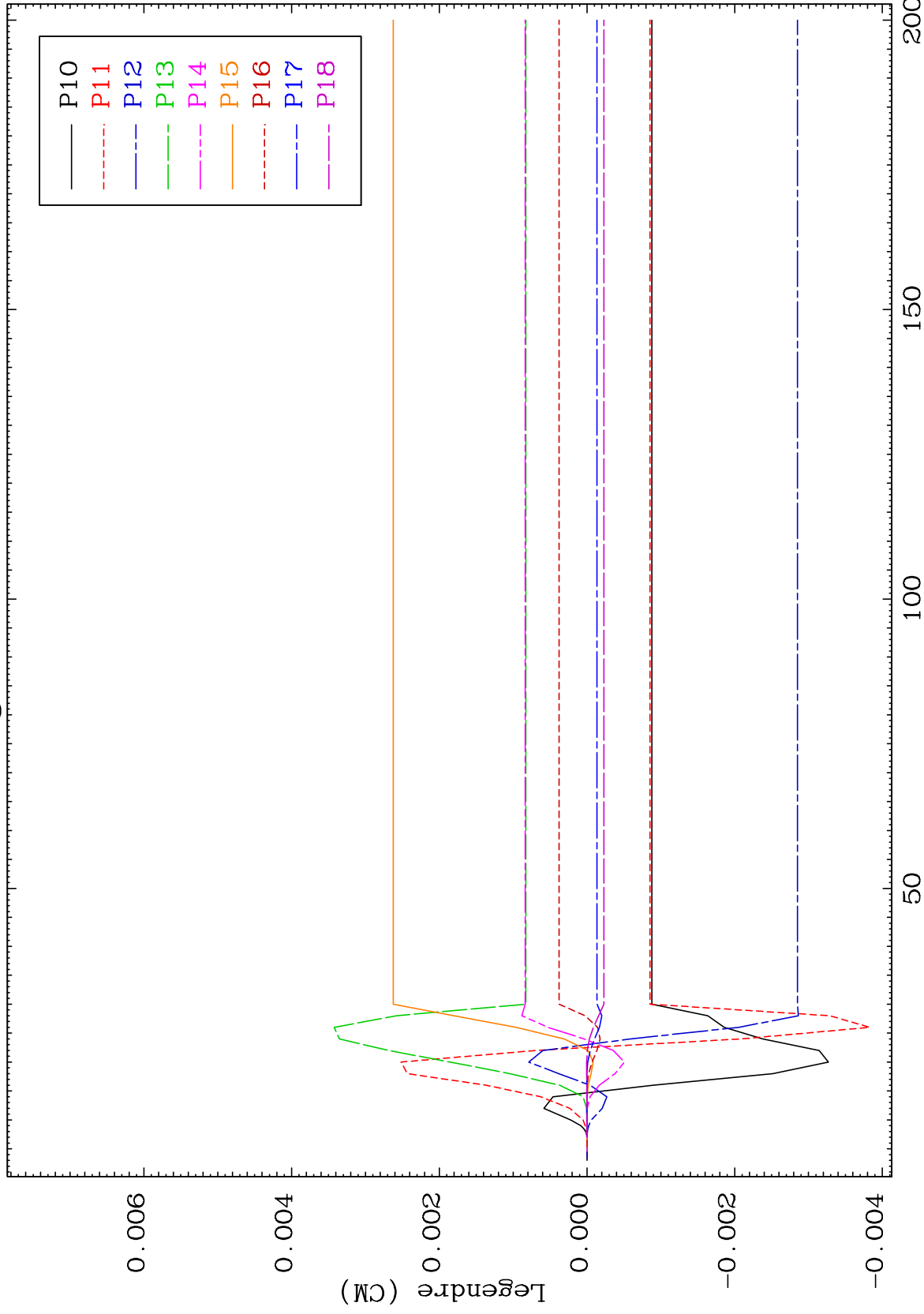
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



109

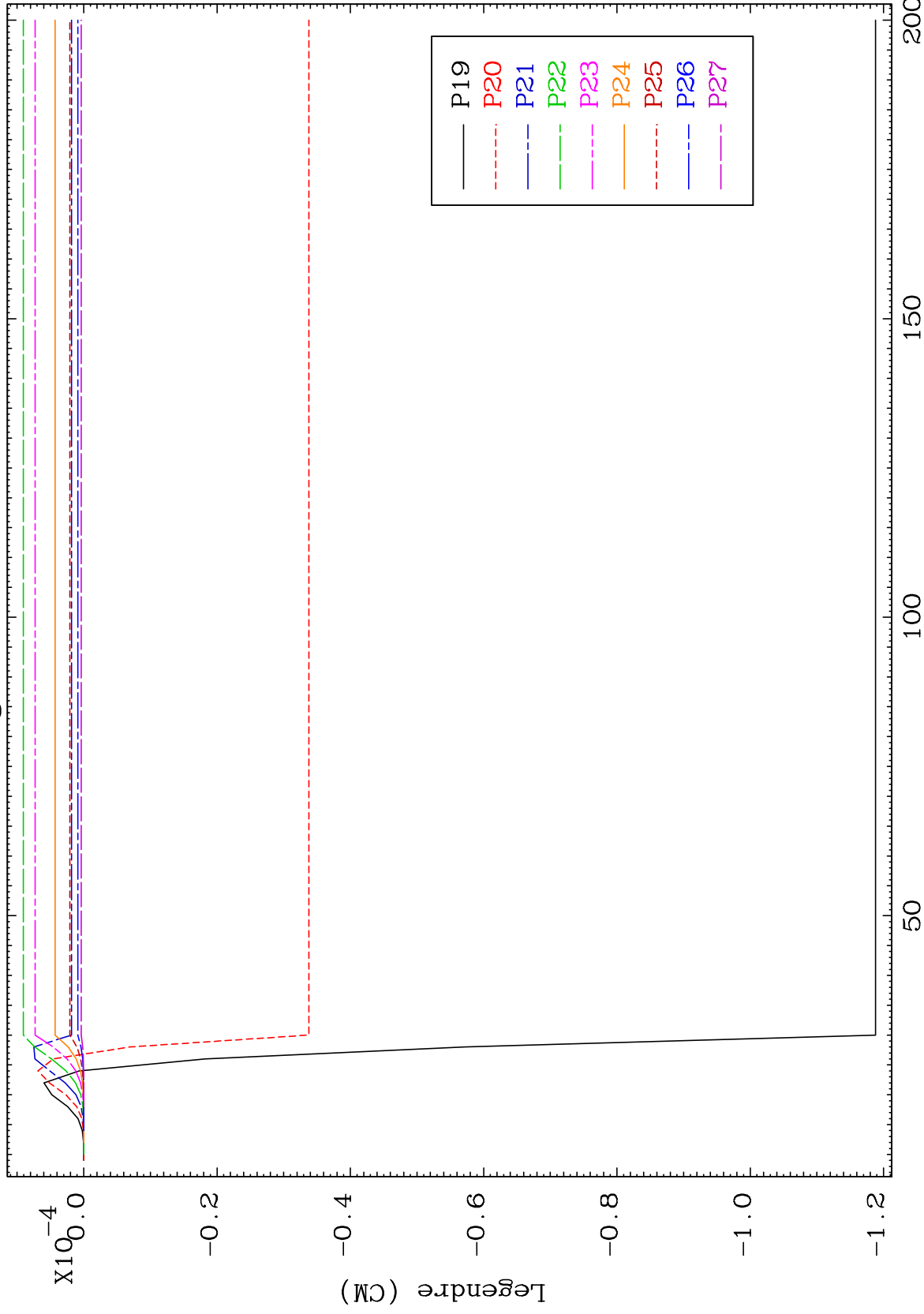
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



46-Pd-114

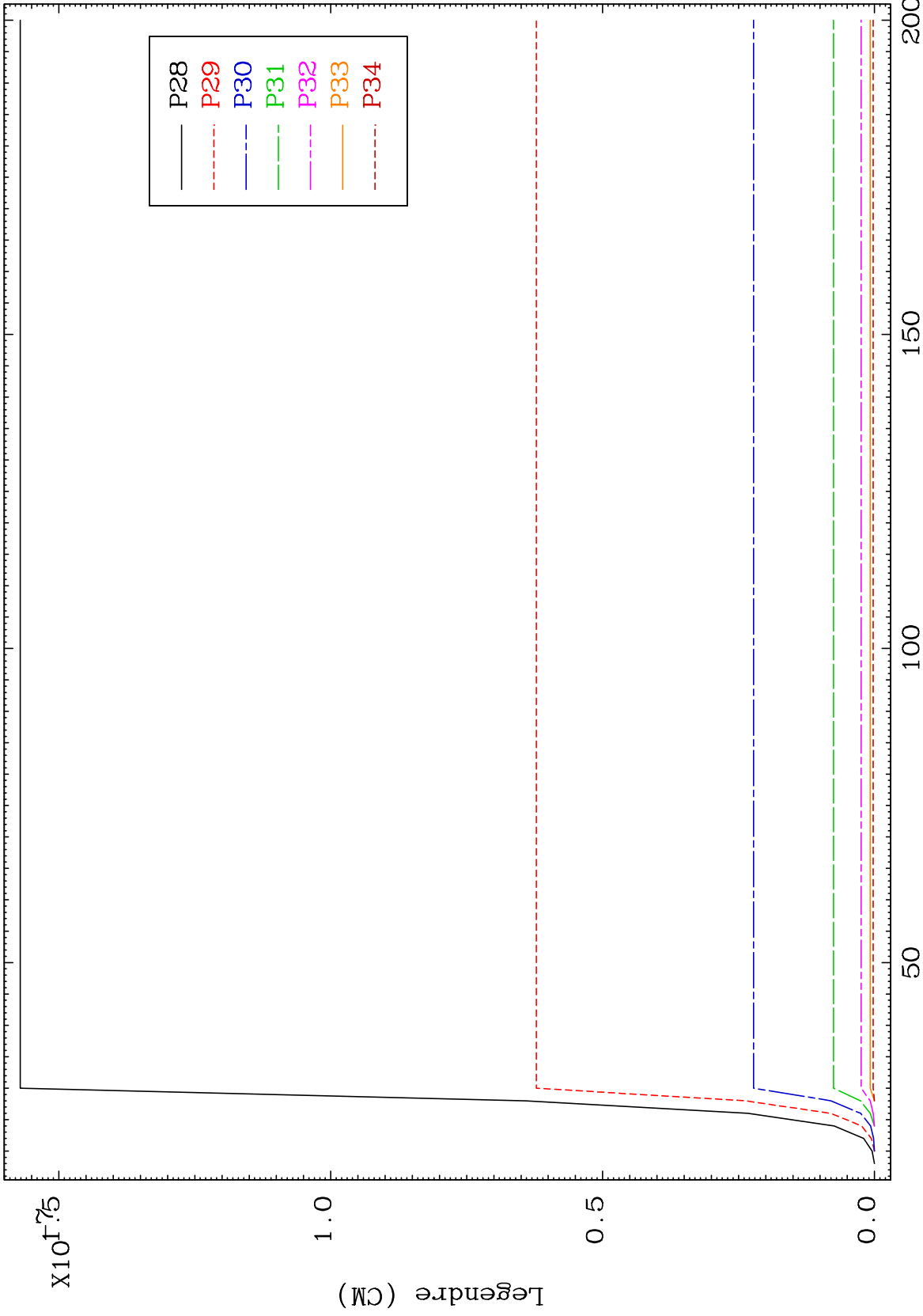
Incident Energy (MeV)

110

MAT 4661

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

46-Pd-114



111

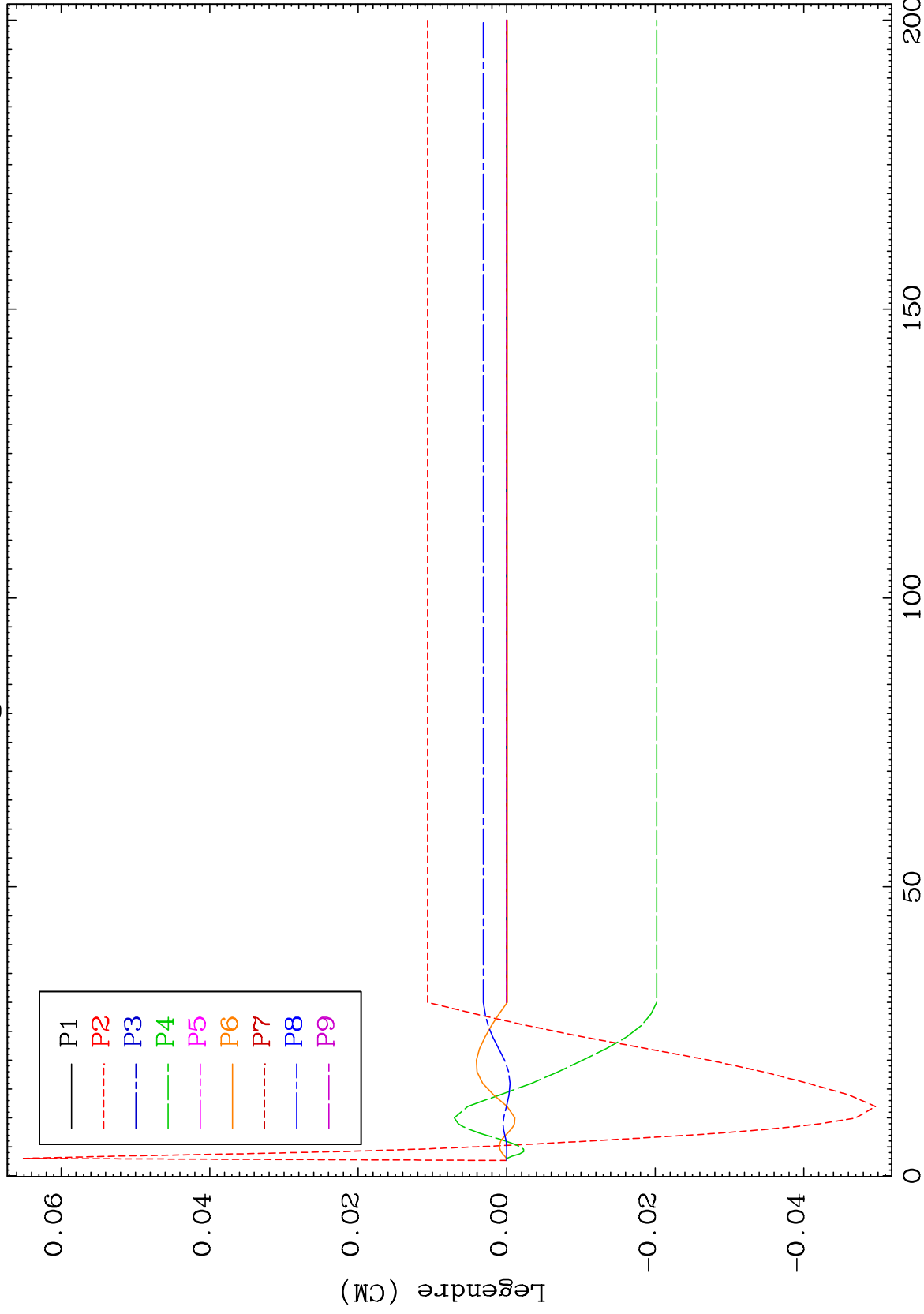
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



112

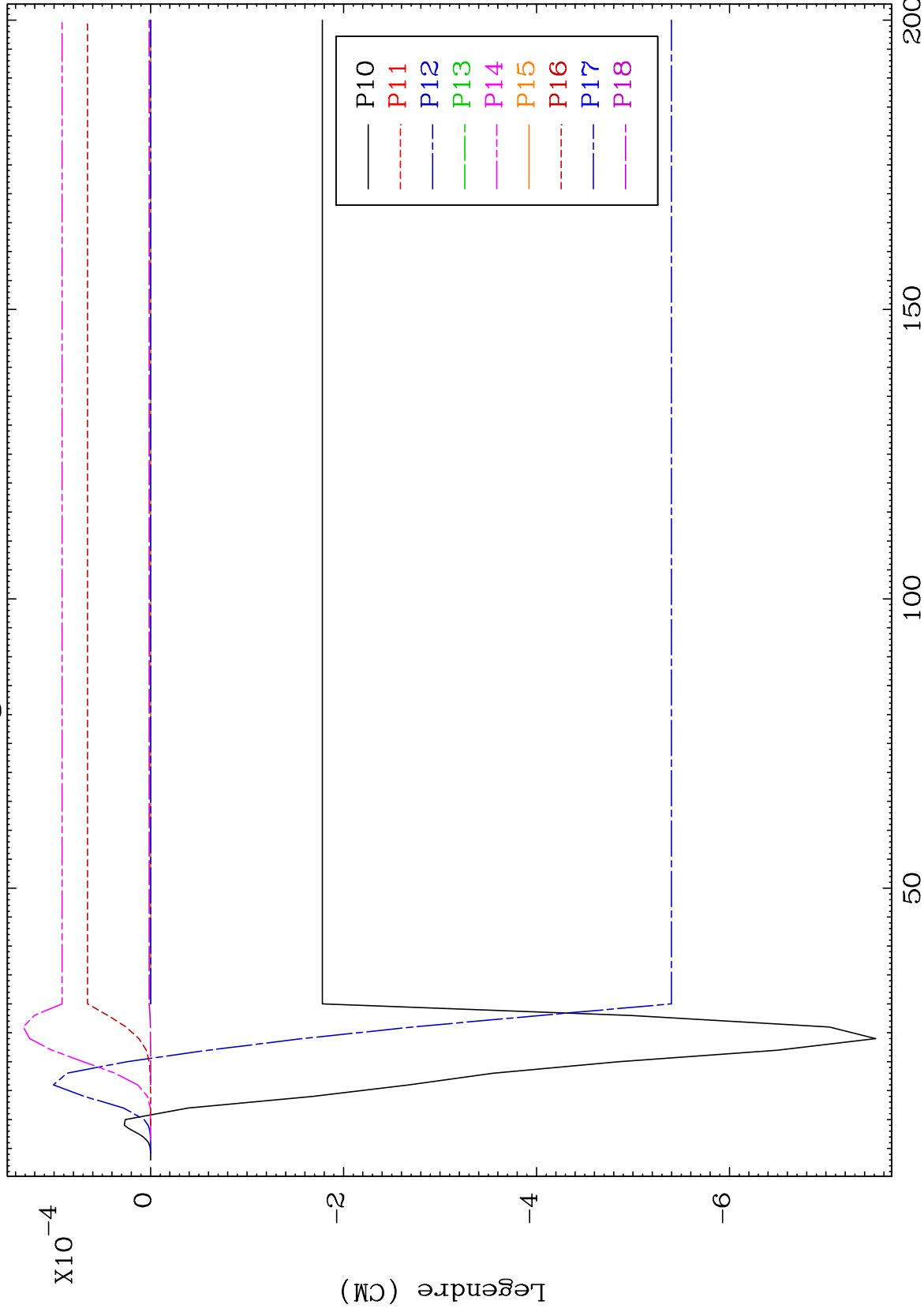
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



113

Incident Energy (MeV)

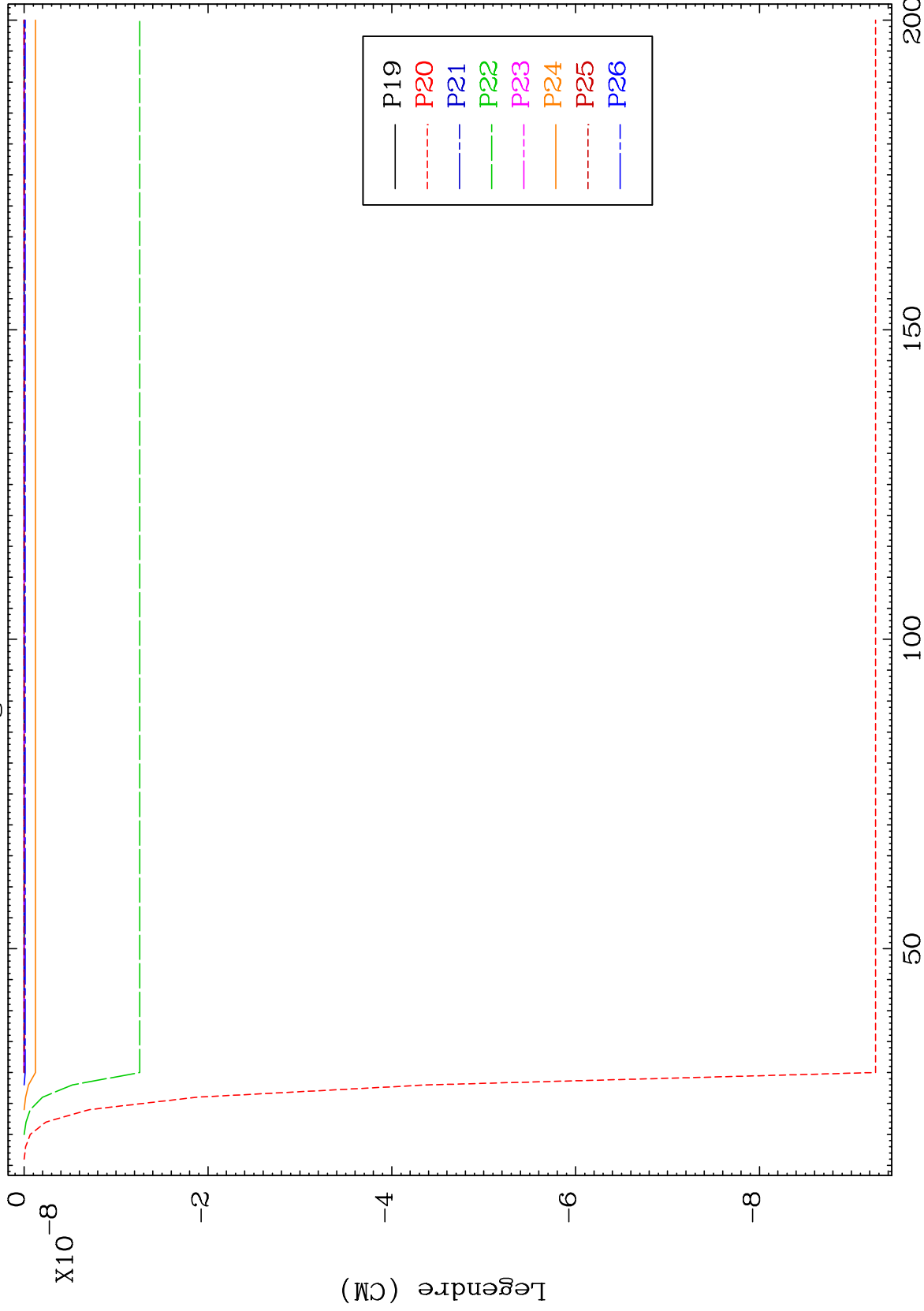
46-Pd-114

MAT 4661

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

46-Pd-114

46-Pd-114

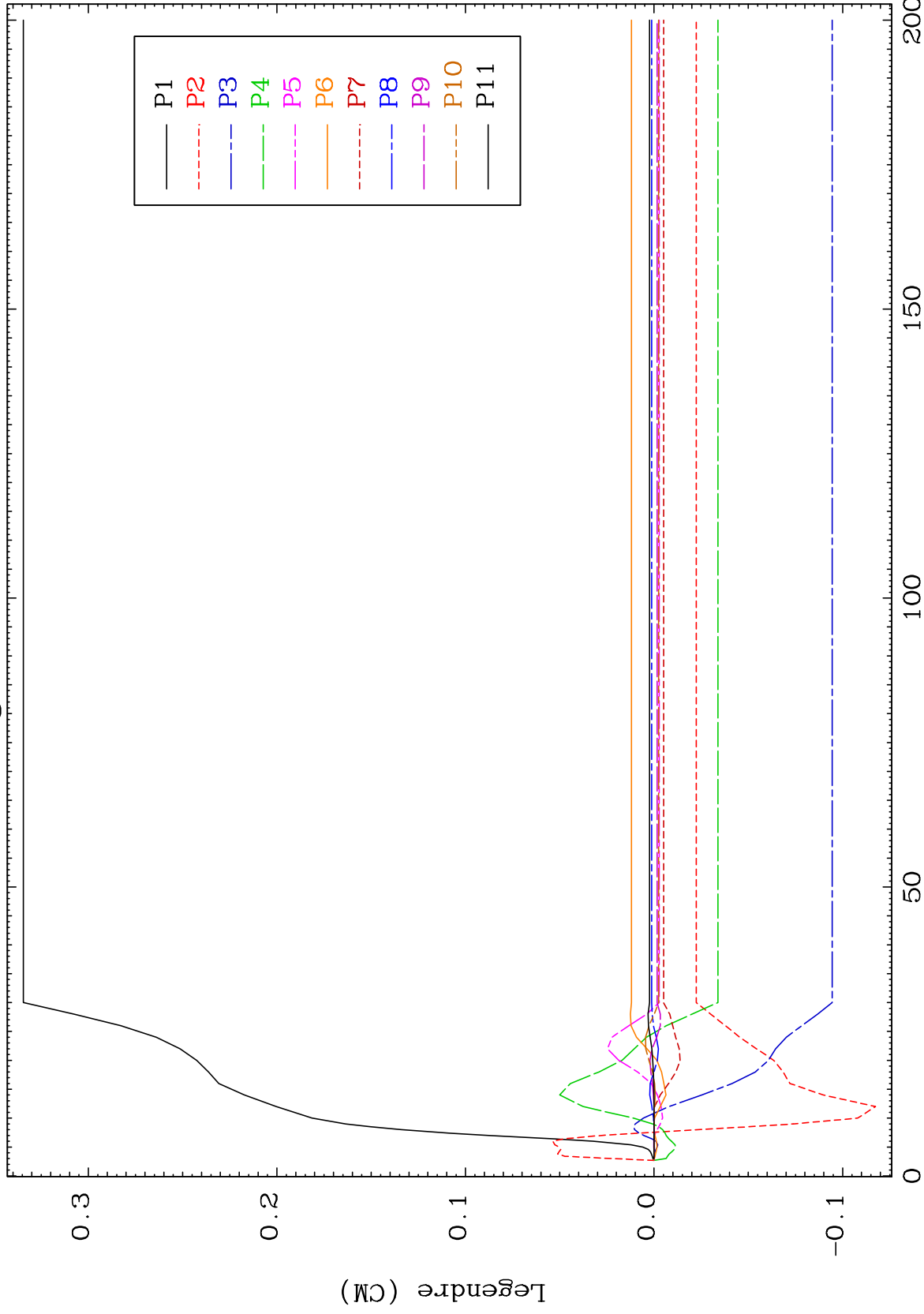


114

MAT 4661

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

46-Pd-114



115

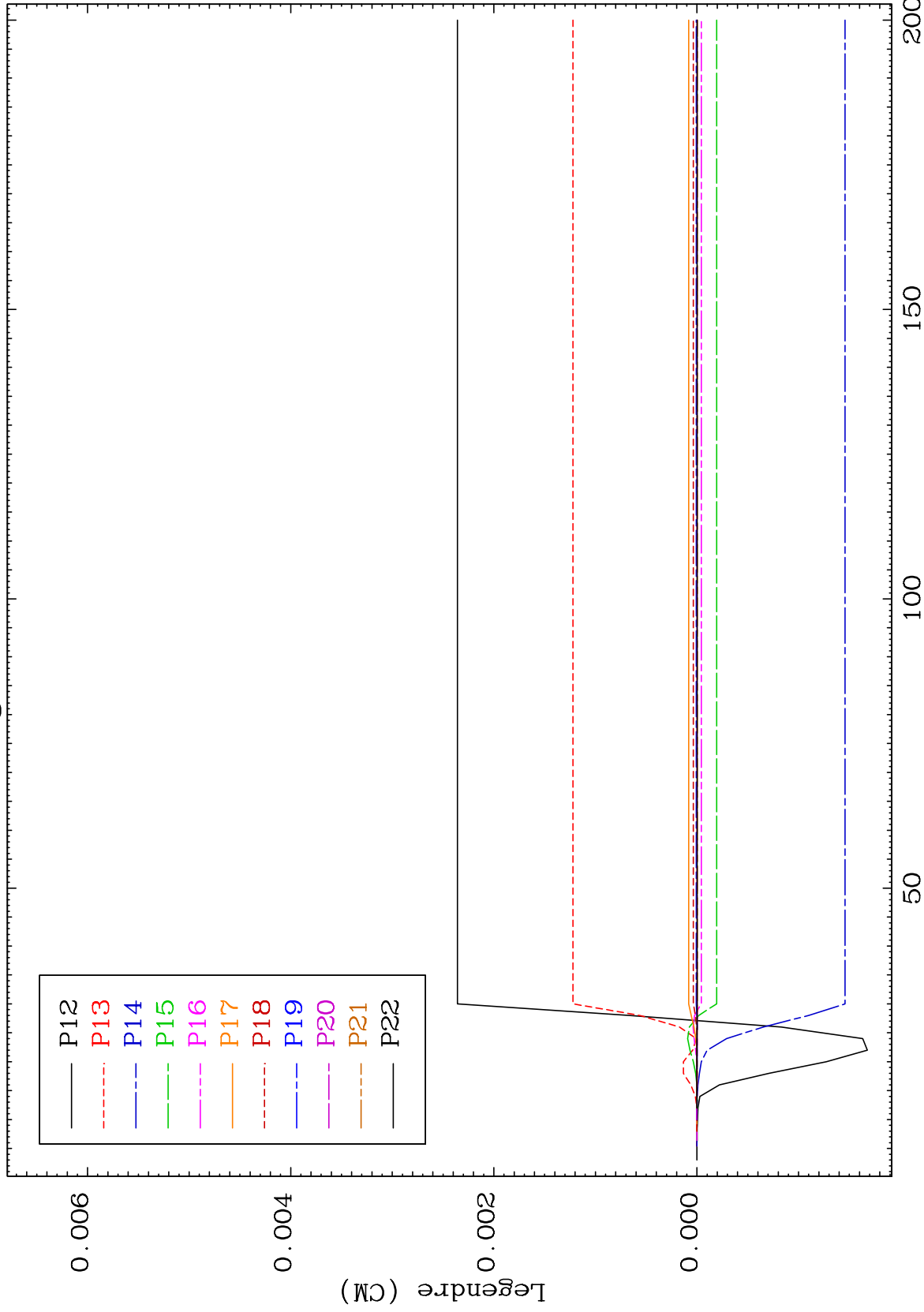
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



116

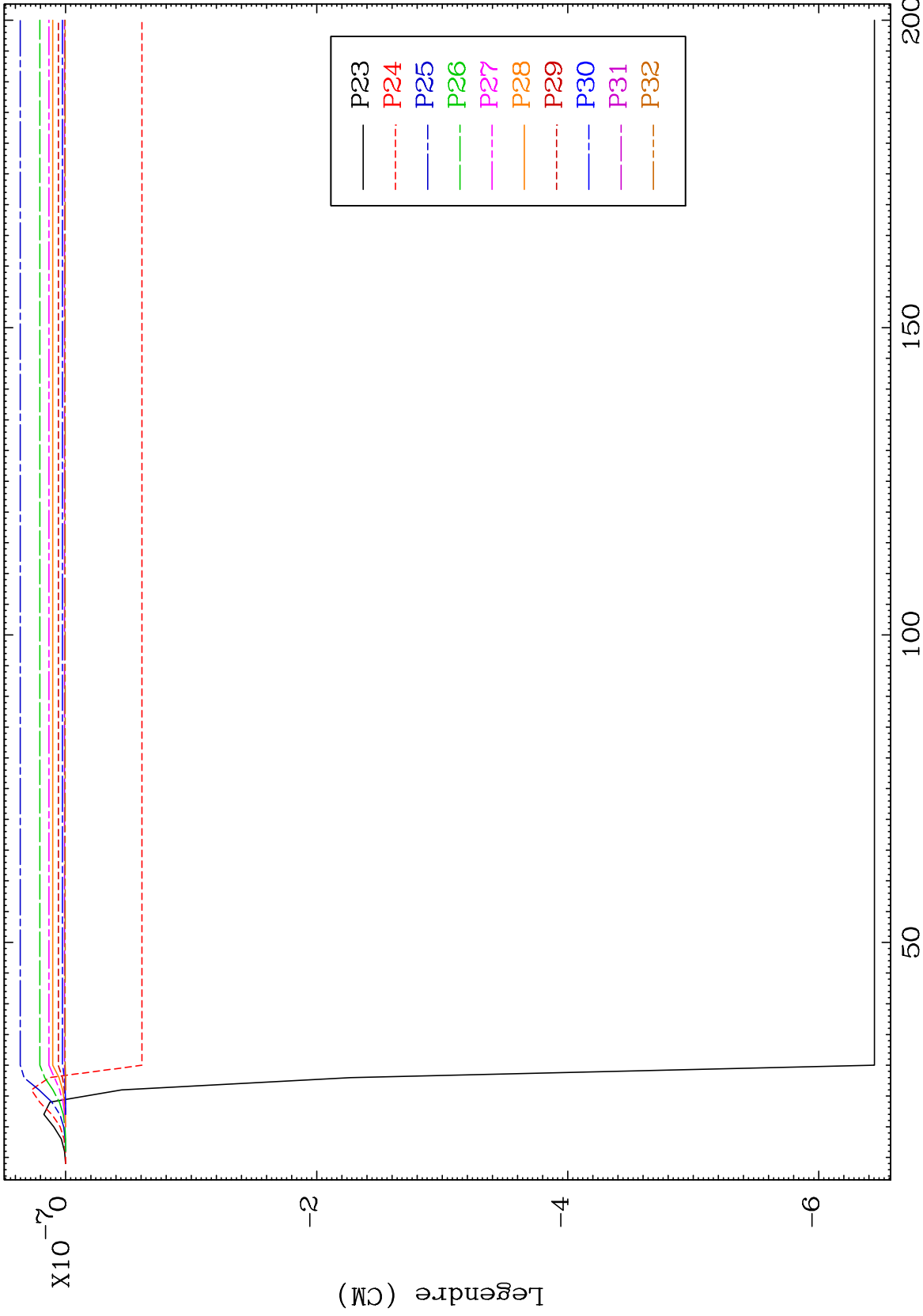
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



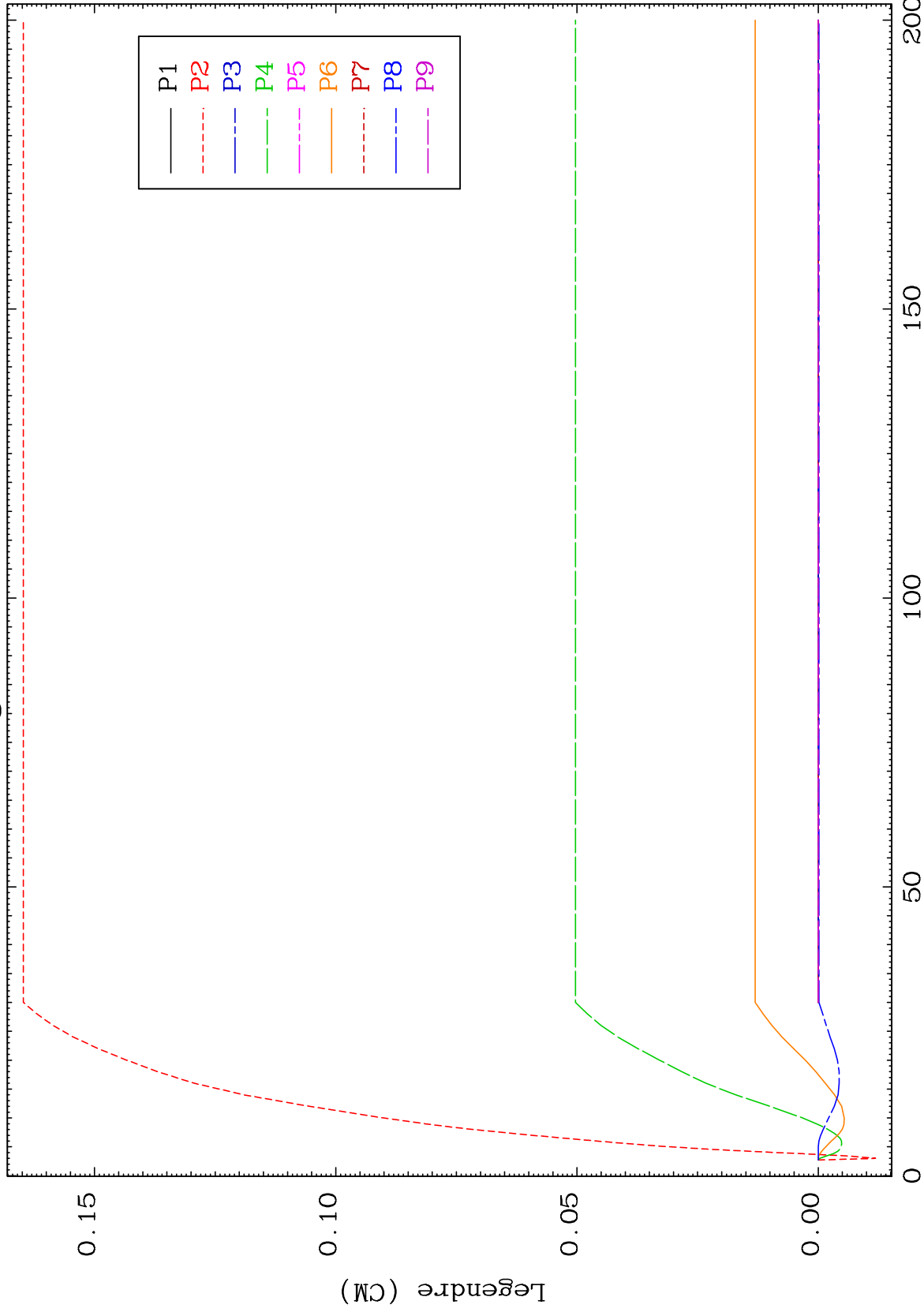
117

46-Pd-114

MAT 4661

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

46-Pd-114



118

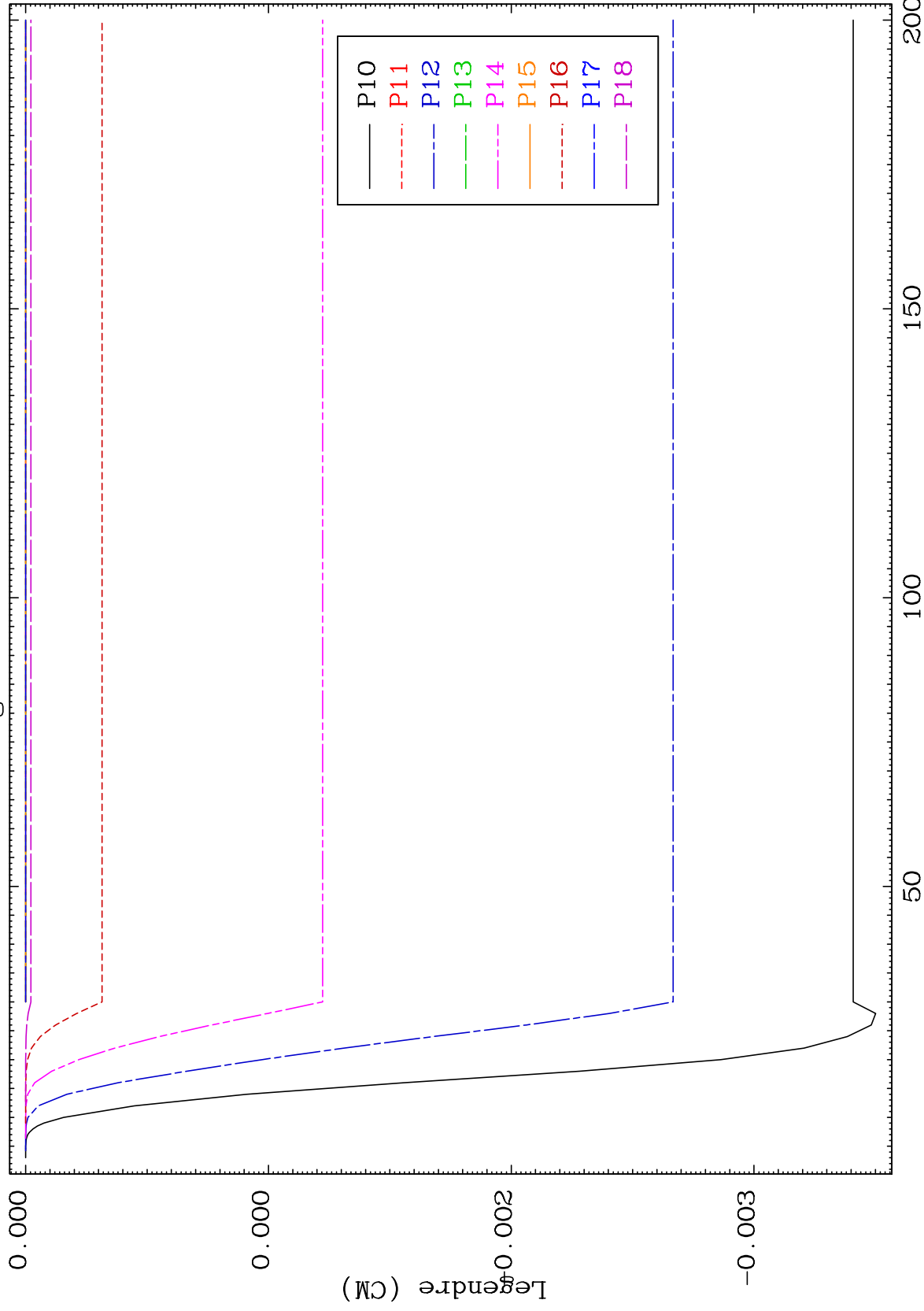
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



119

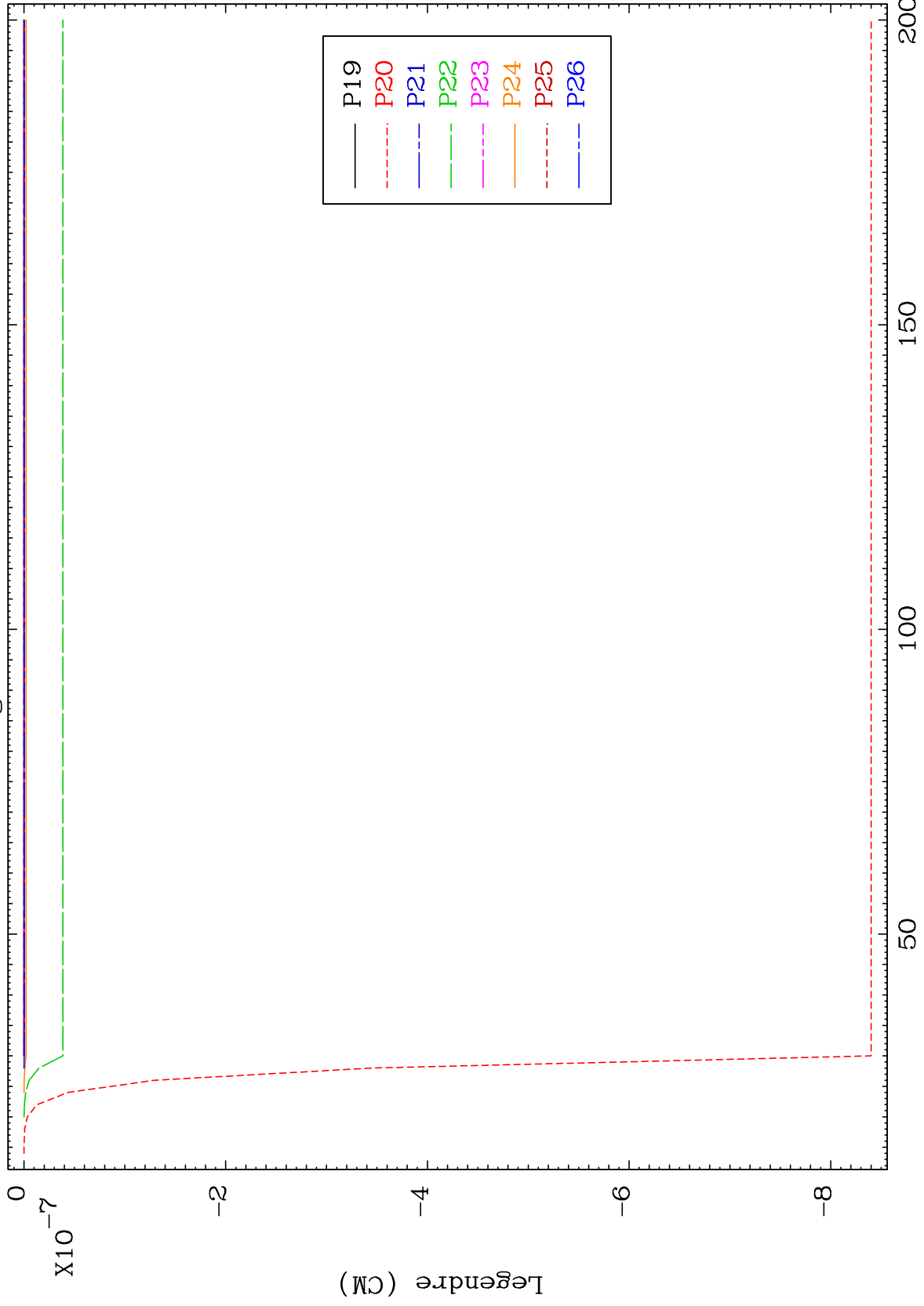
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



46-Pd-114

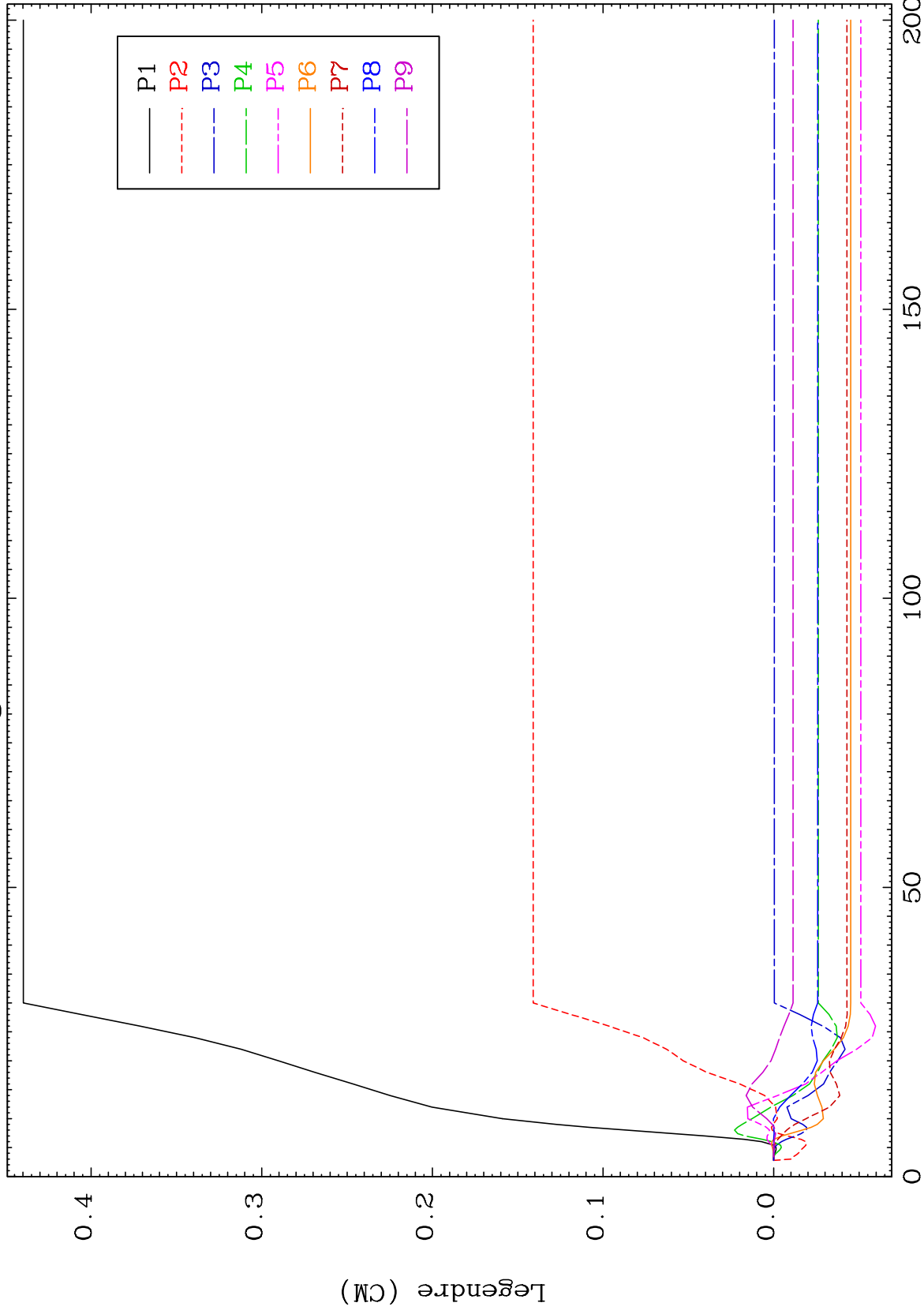
Incident Energy (MeV)

120

MAT 4661

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

46-Pd-114



121

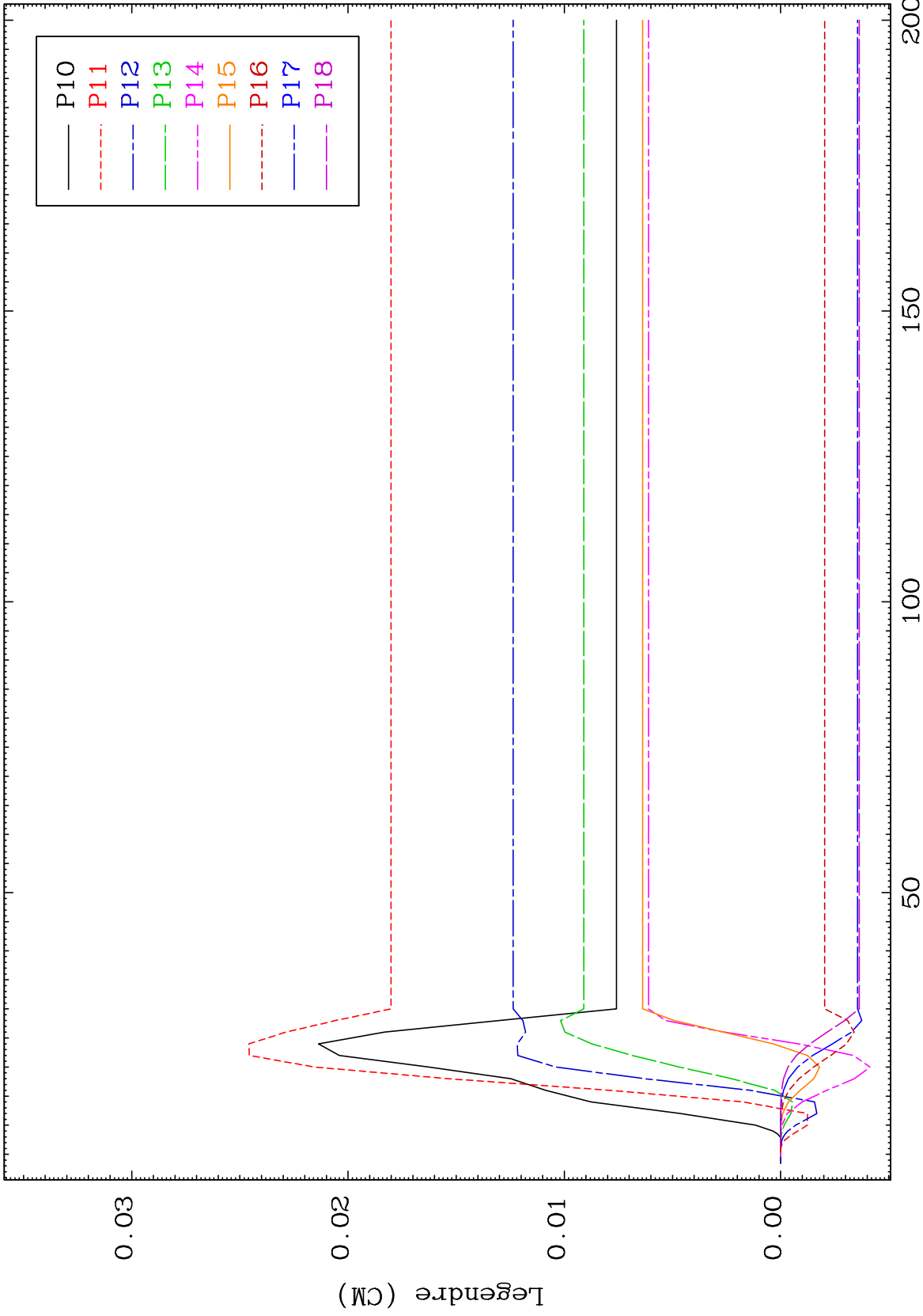
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



122

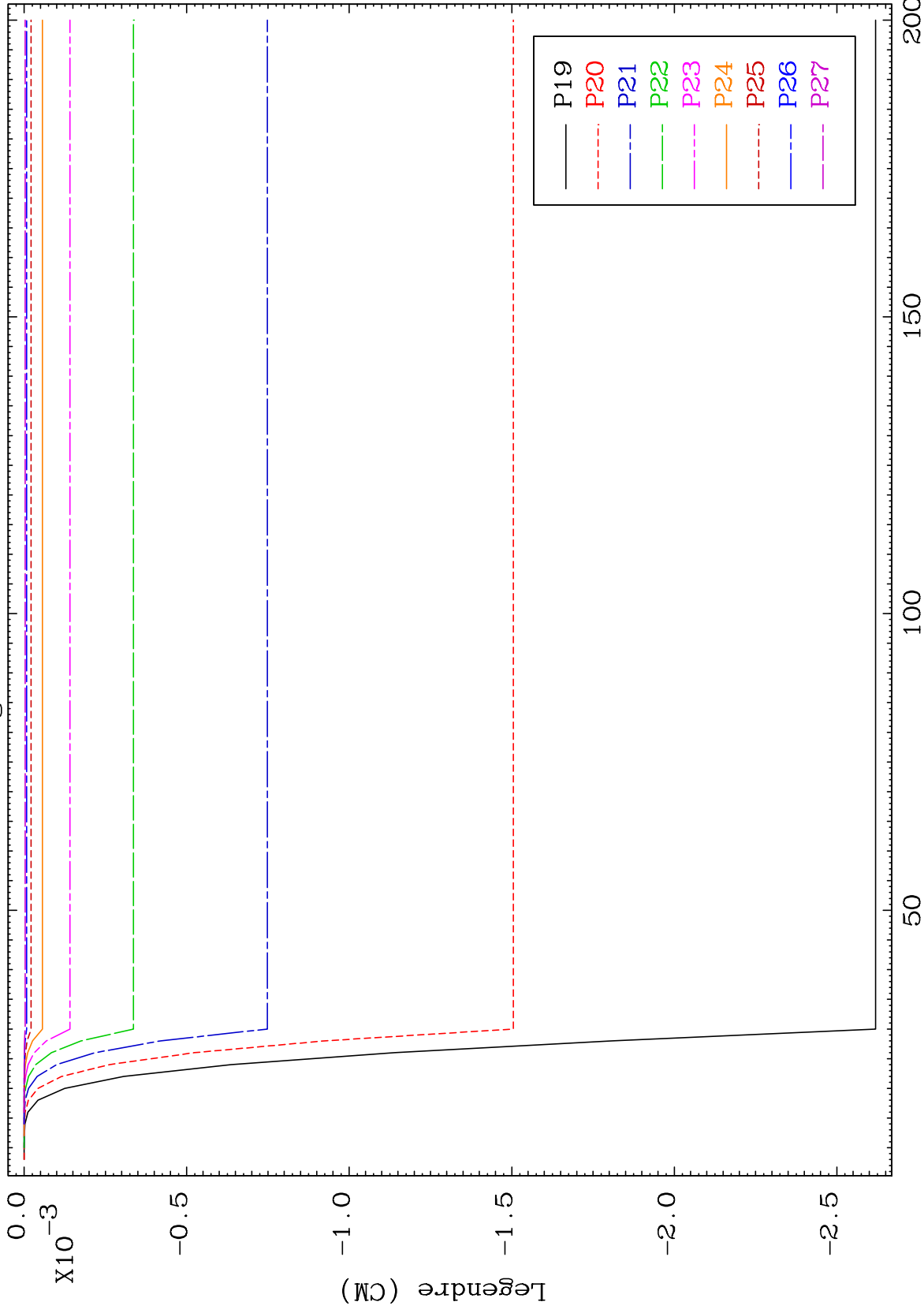
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



46-Pd-114

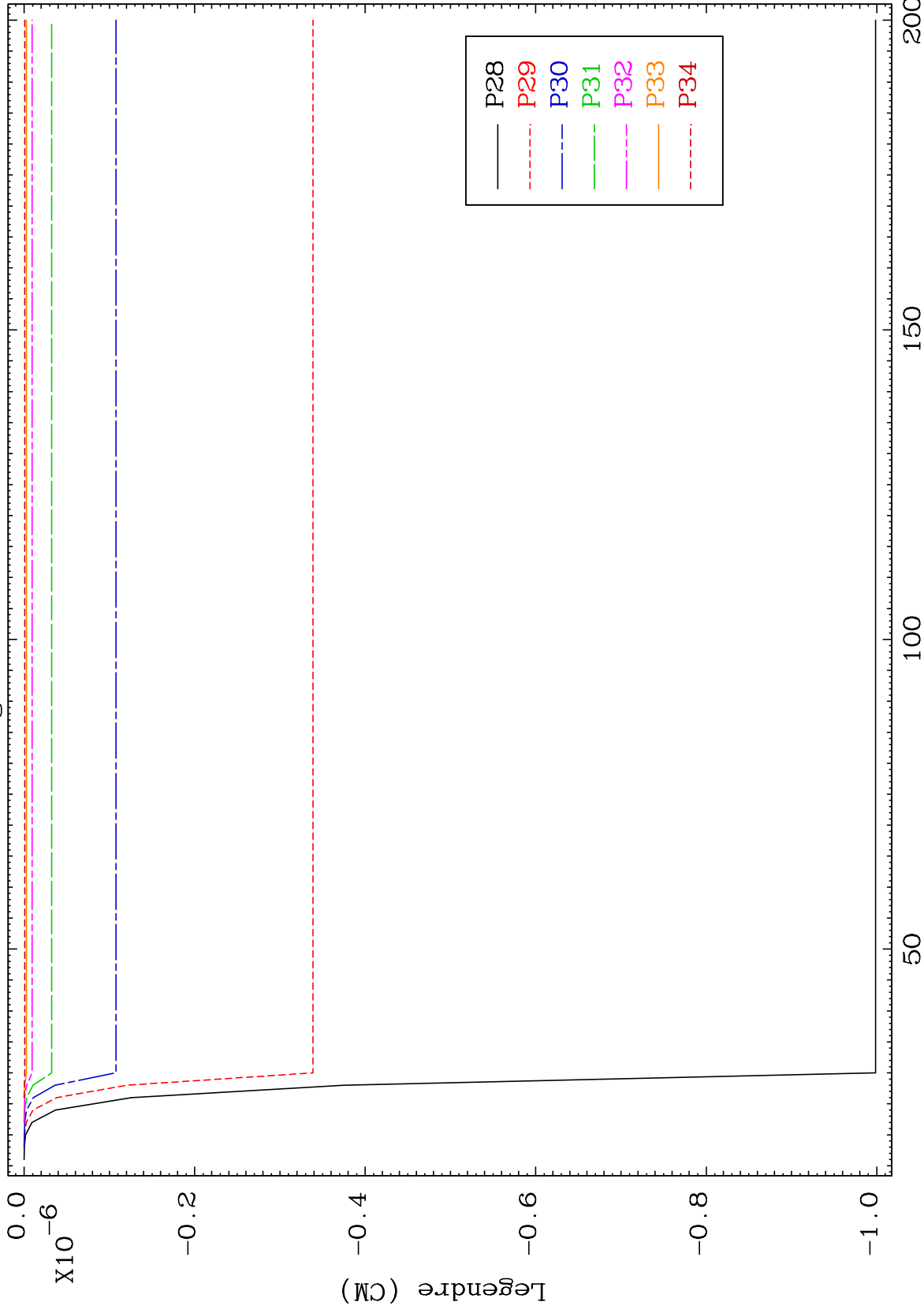
Incident Energy (MeV)

123

MAT 4661

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

46-Pd-114



46-Pd-114

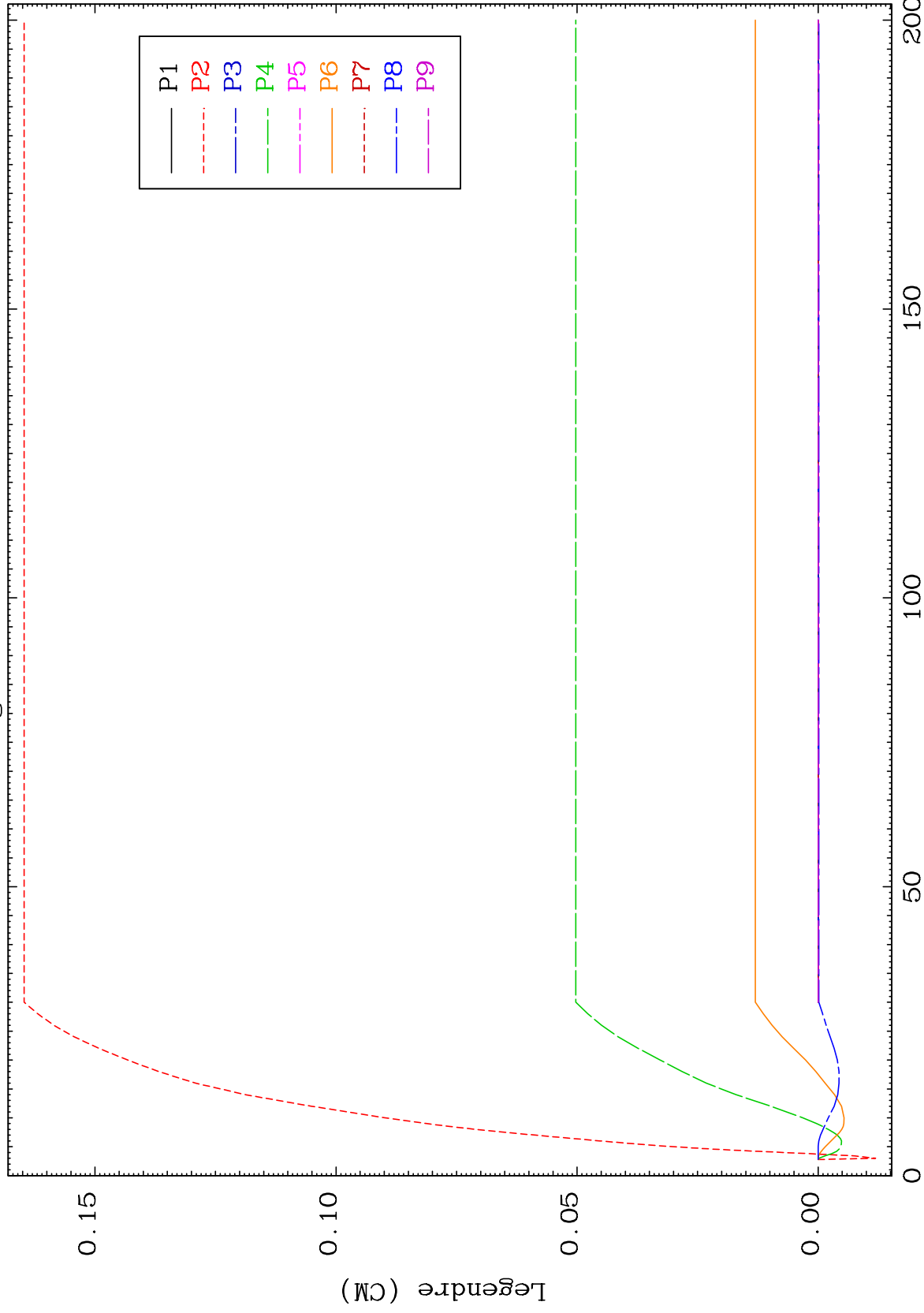
Incident Energy (MeV)

124

MAT 4661

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

46-Pd-114



125

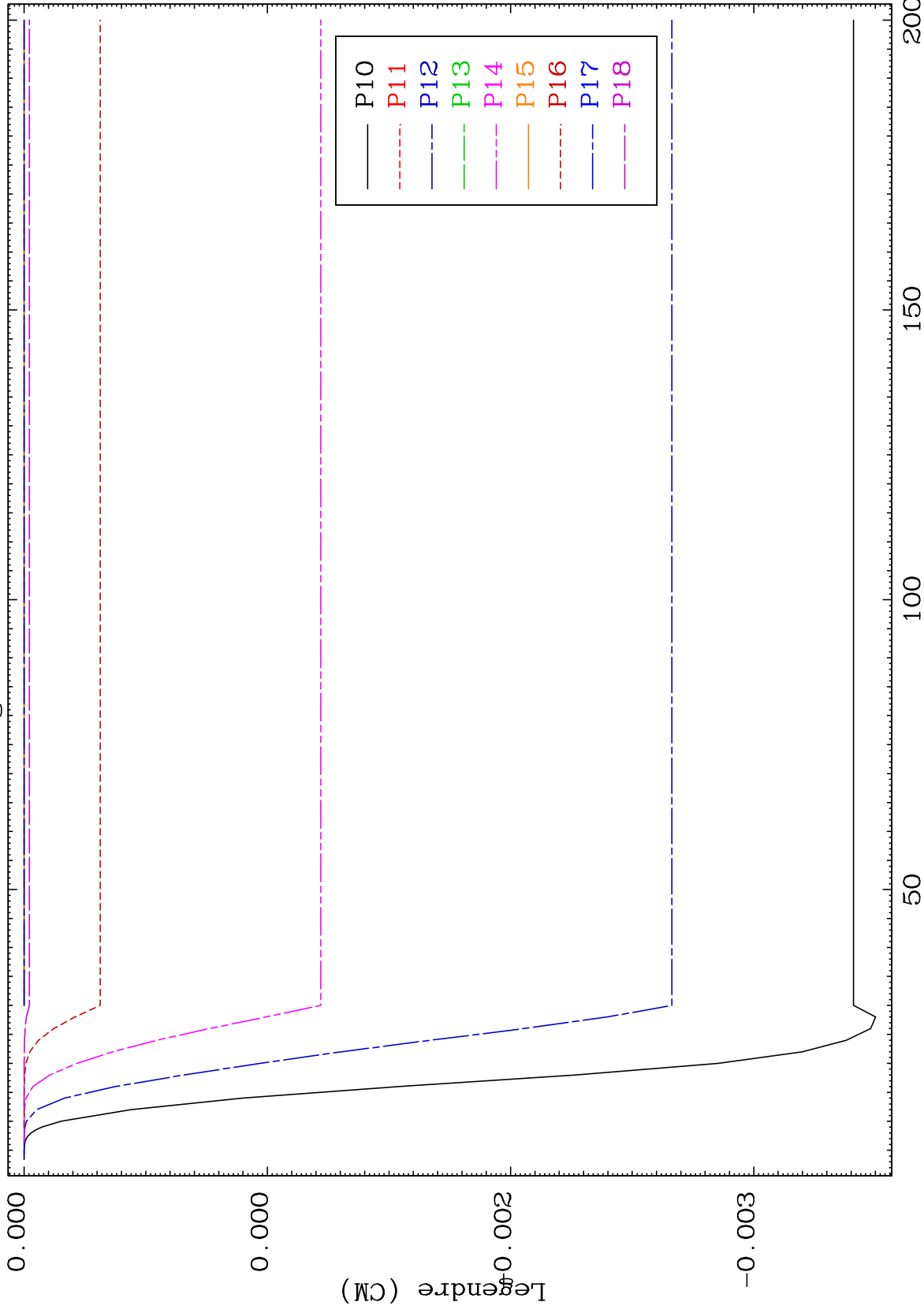
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



126

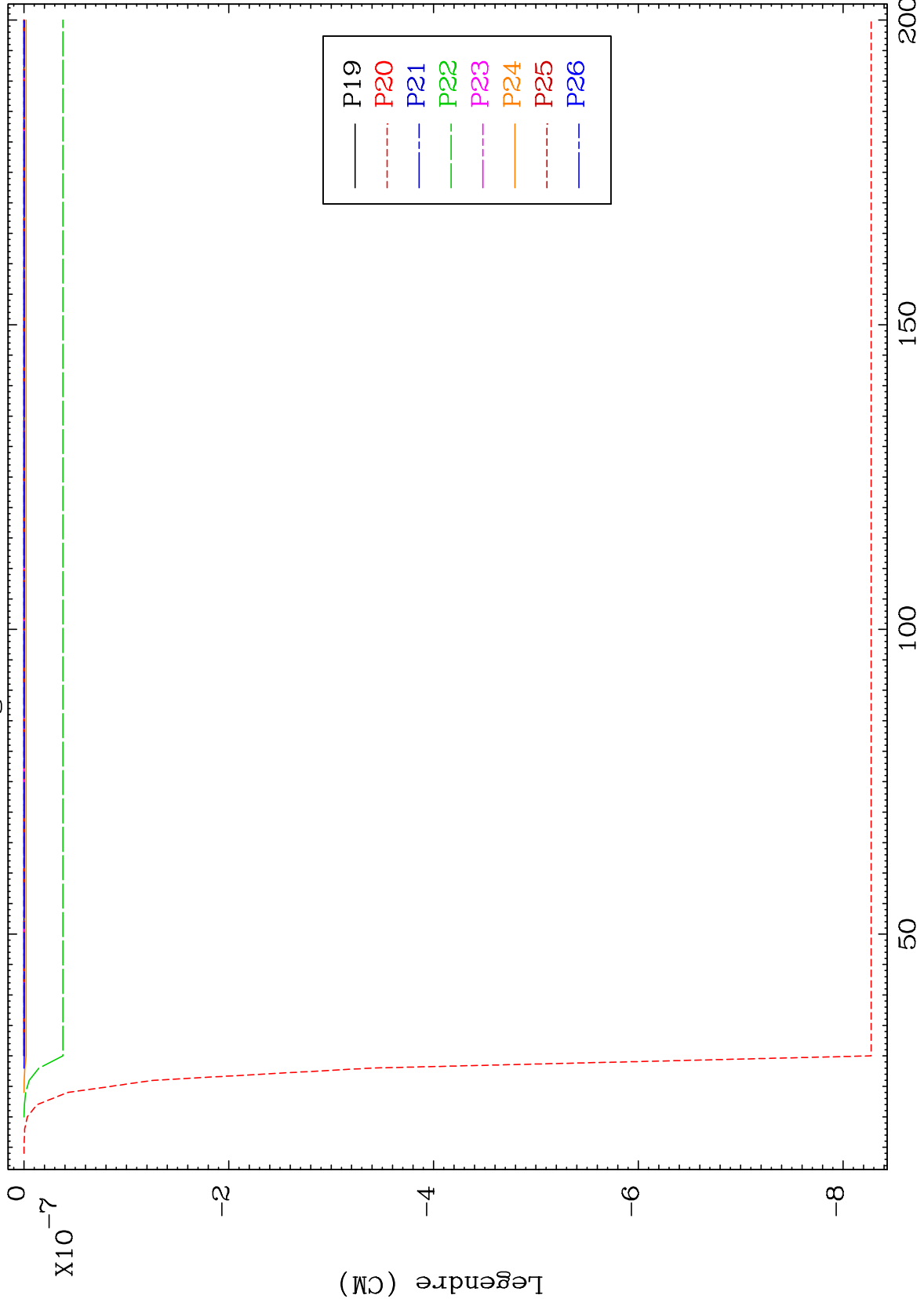
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



46-Pd-114

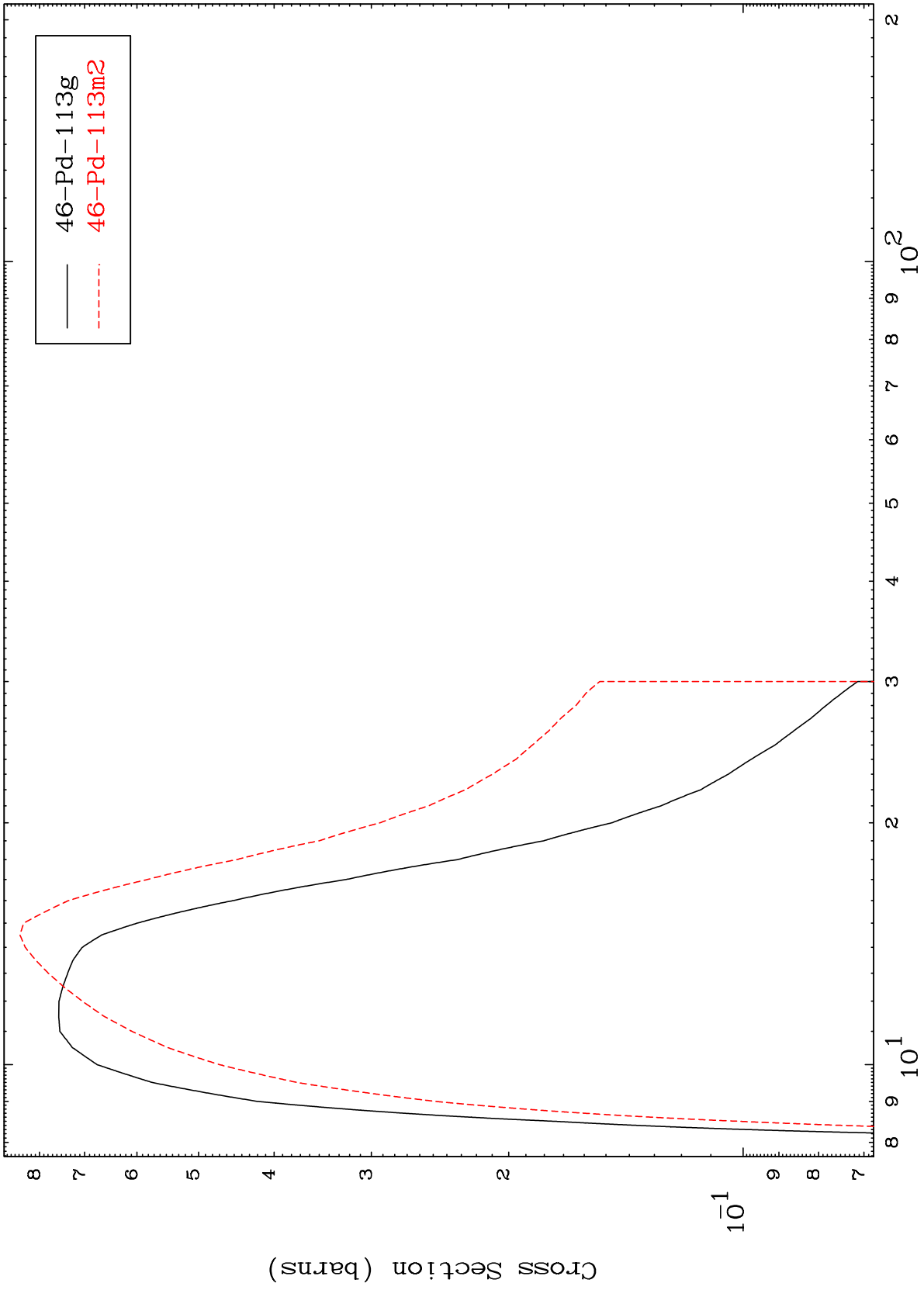
Incident Energy (MeV)

127

MAT 4661

46-Pd-114

(n,2n)
Radionuclide Production Cross Section



128

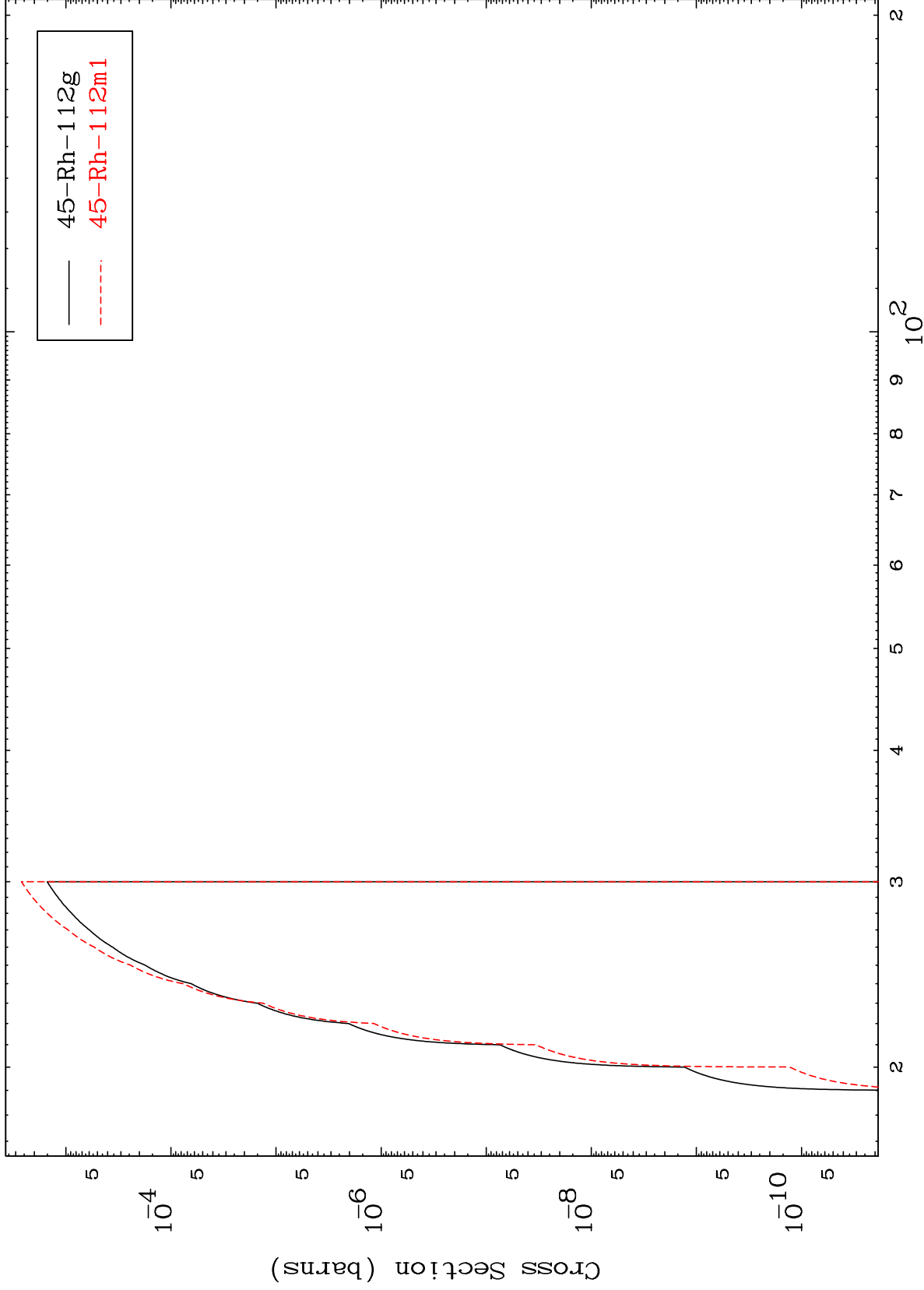
46-Pd-114

MAT 4661

(n,n') d

46-Pd-114

Radionuclide Production Cross Section



129

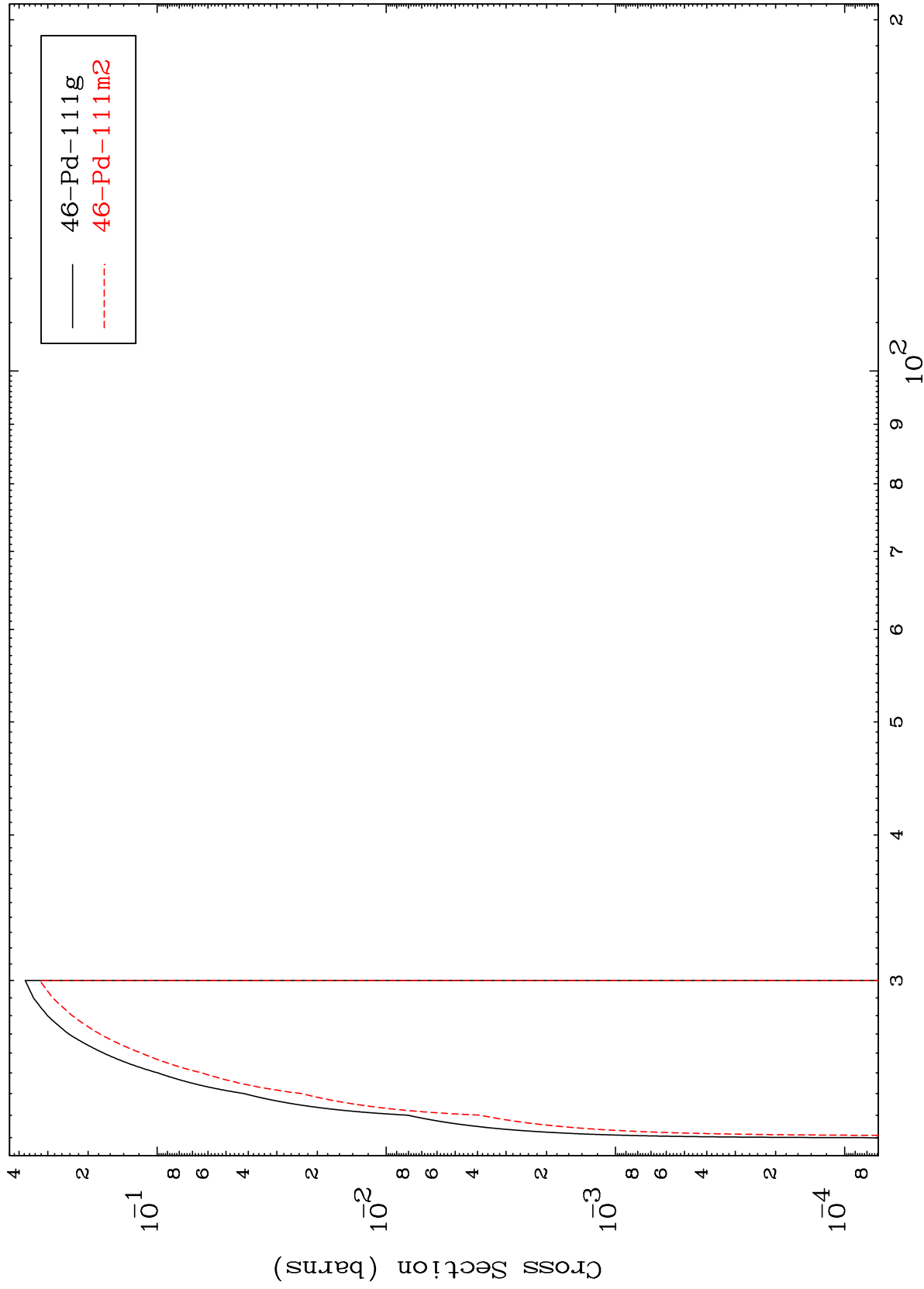
Incident Energy (MeV)

46-Pd-114

MAT 4661

46-Pd-114

(n,4n)
Radionuclide Production Cross Section



130

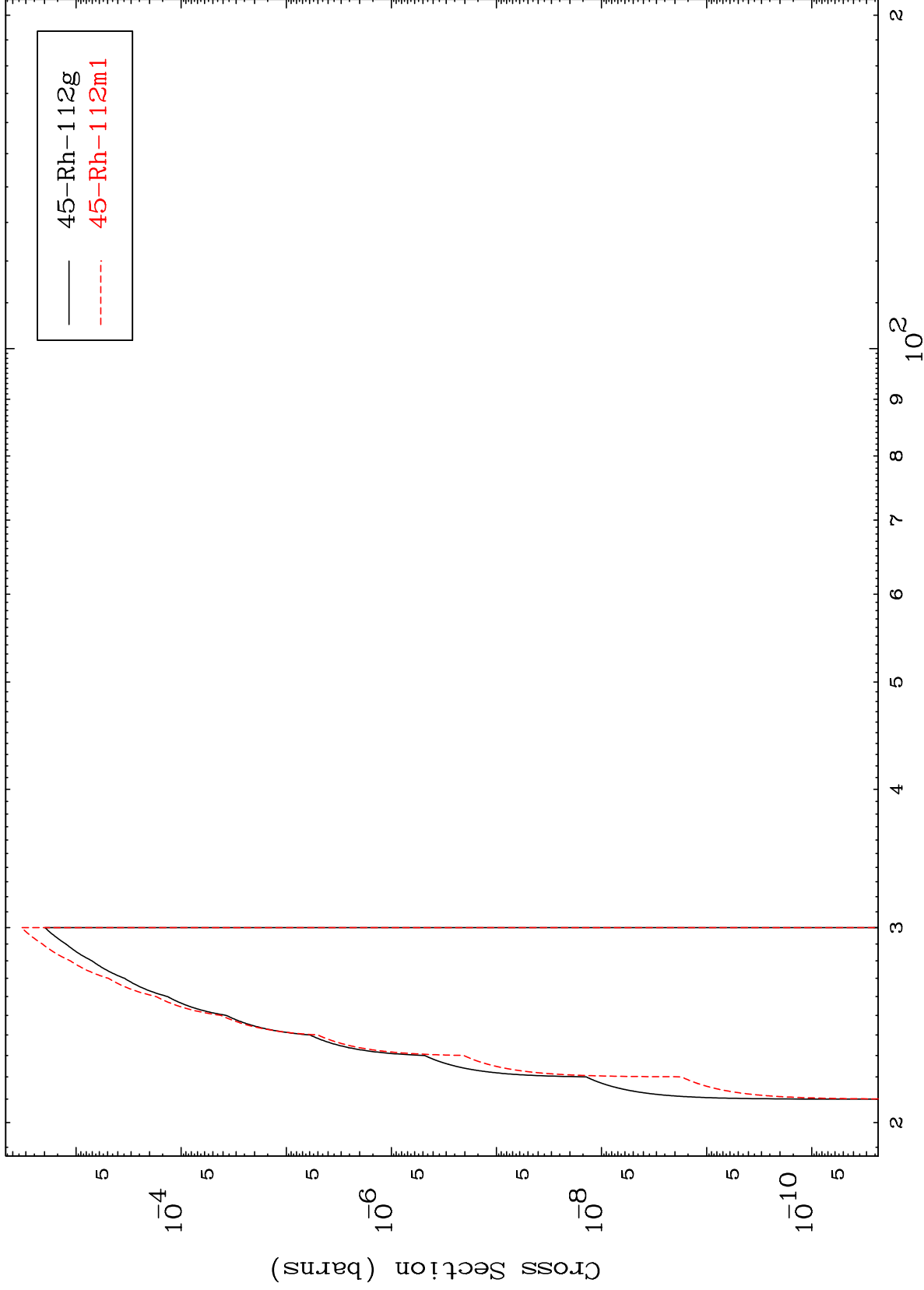
46-Pd-114

MAT 4661

(n,2n) p

46-Pd-114

Radionuclide Production Cross Section



131

Incident Energy (MeV)

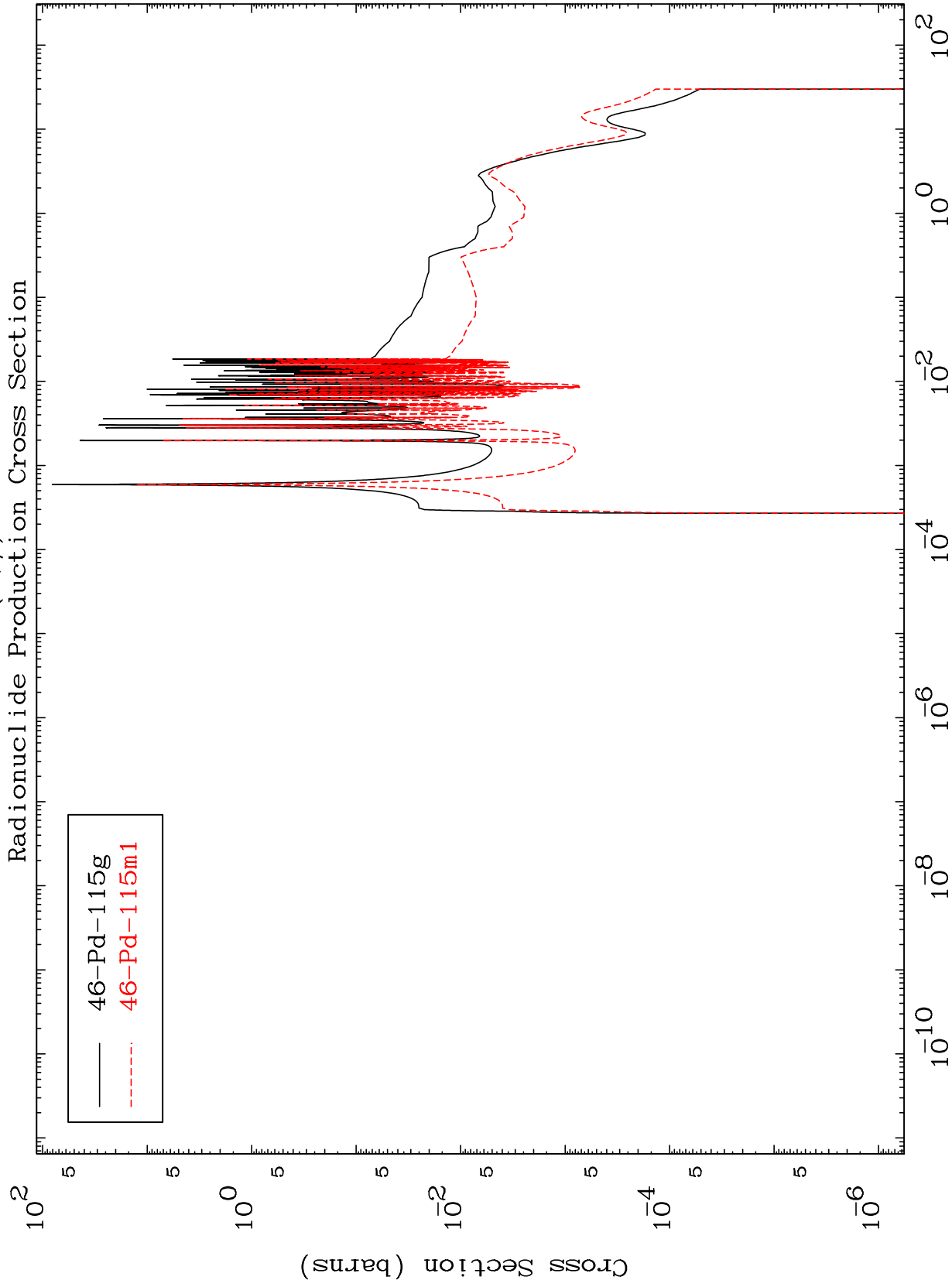
46-Pd-114

MAT 4661

(n,γ)

46-Pd-114

Radionuclide Production Cross Section



132

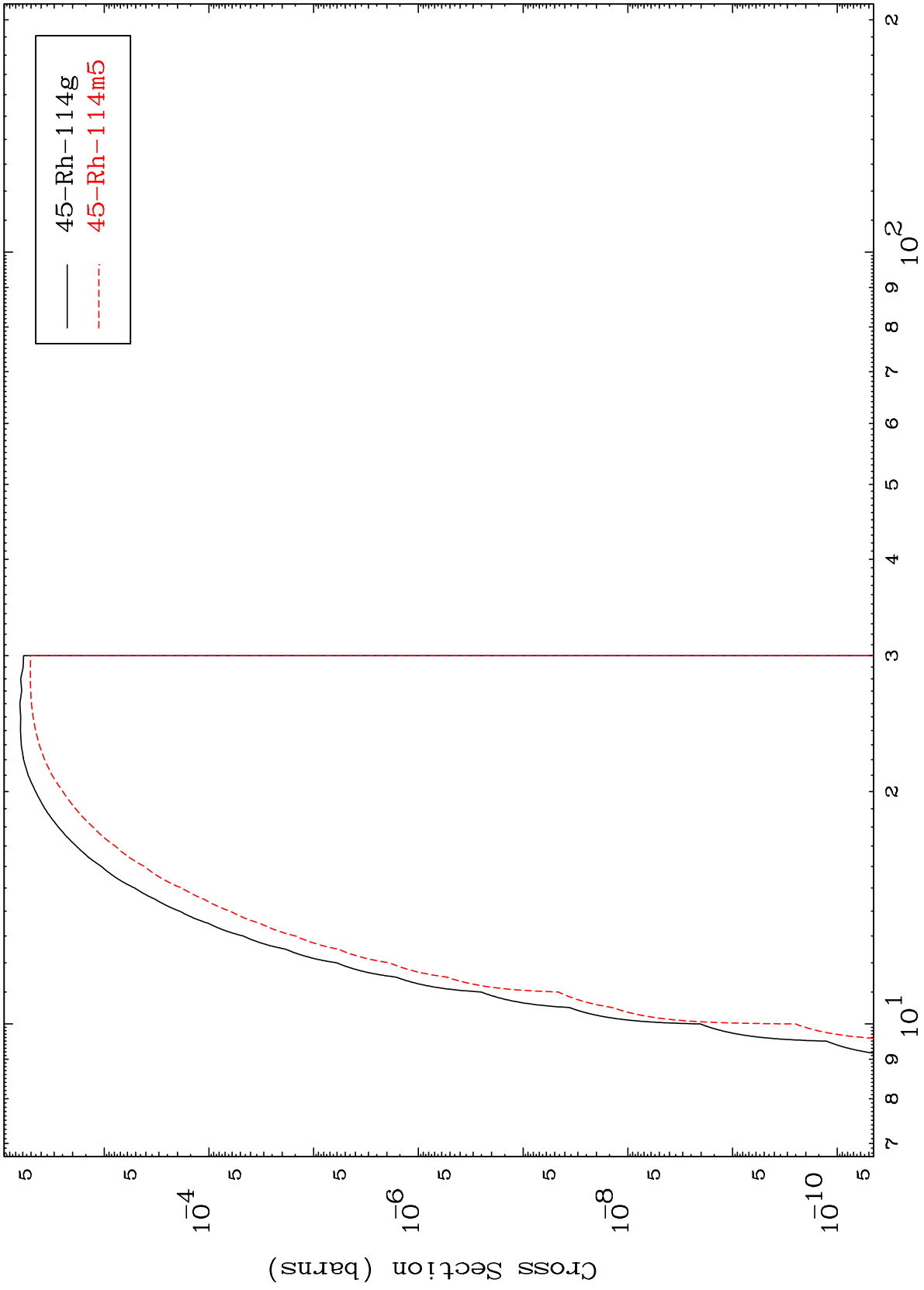
Incident Energy (MeV)

46-Pd-114

MAT 4661

46-Pd-114

(n,p)
Radionuclide Production Cross Section



133

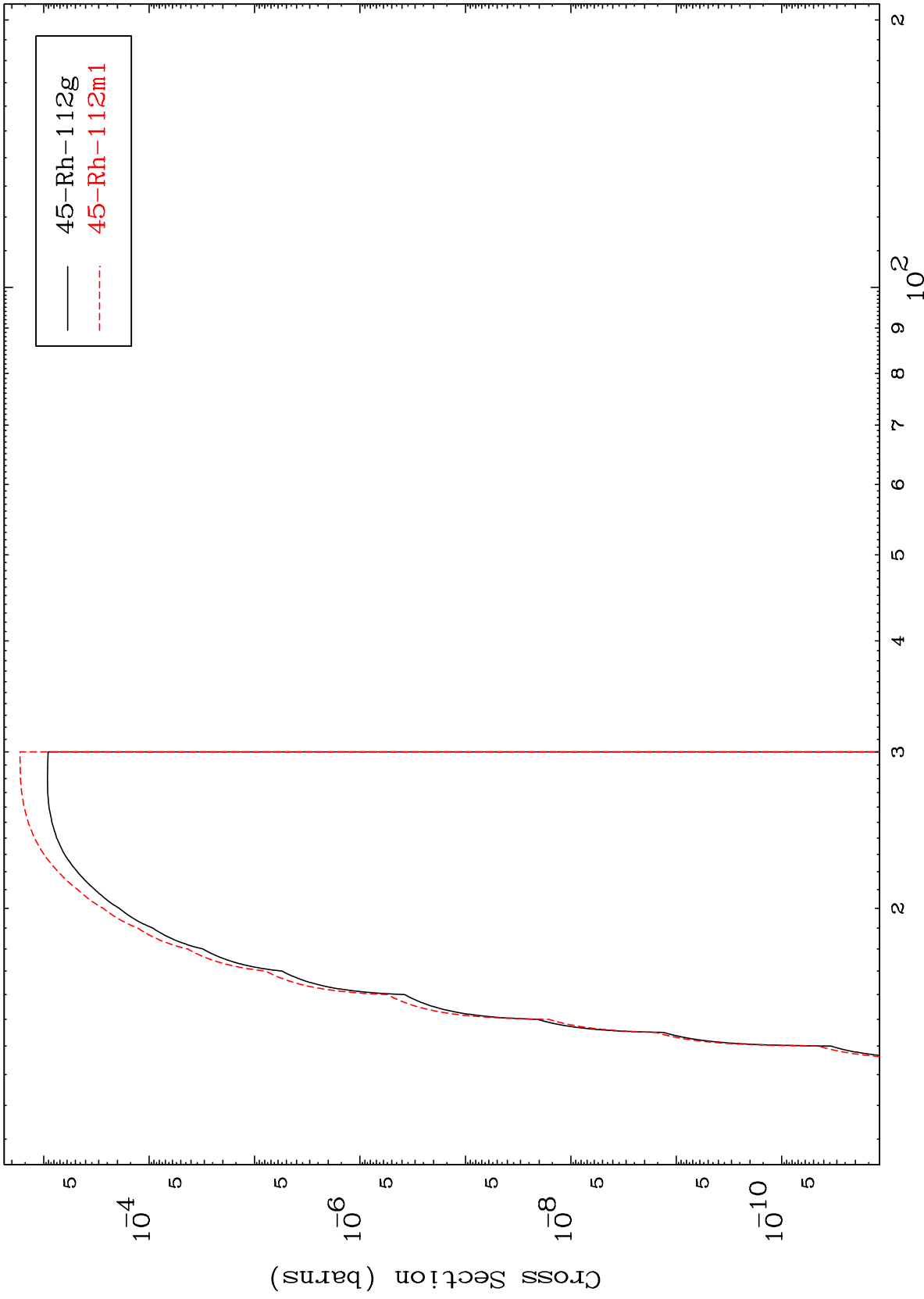
Incident Energy (MeV)

46-Pd-114

MAT 4661

46-Pd-114

(n, t)
Radionuclide Production Cross Section



134

46-Pd-114