

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

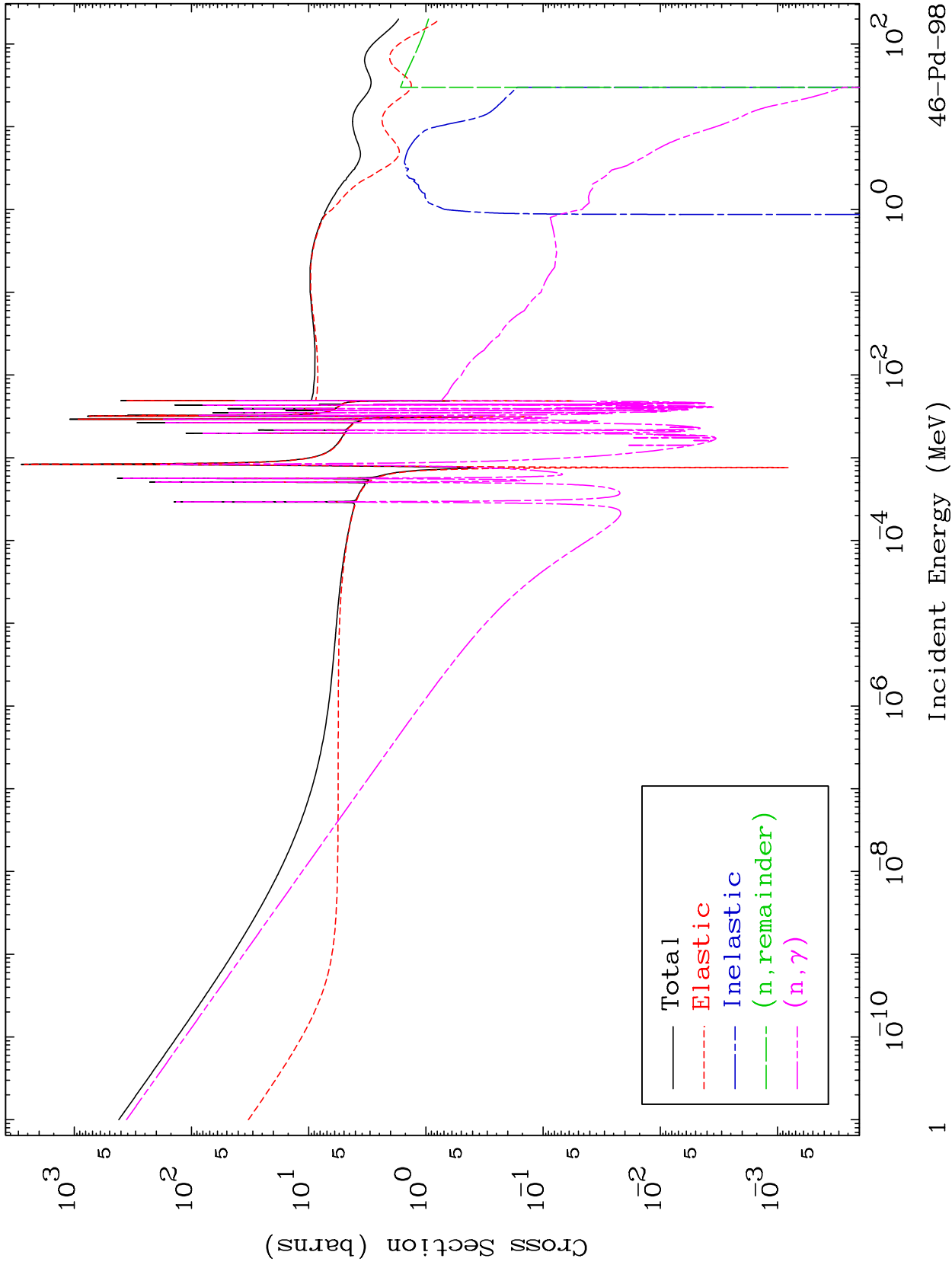
Web:redcullen1.net/HOMEPAGE.NEW

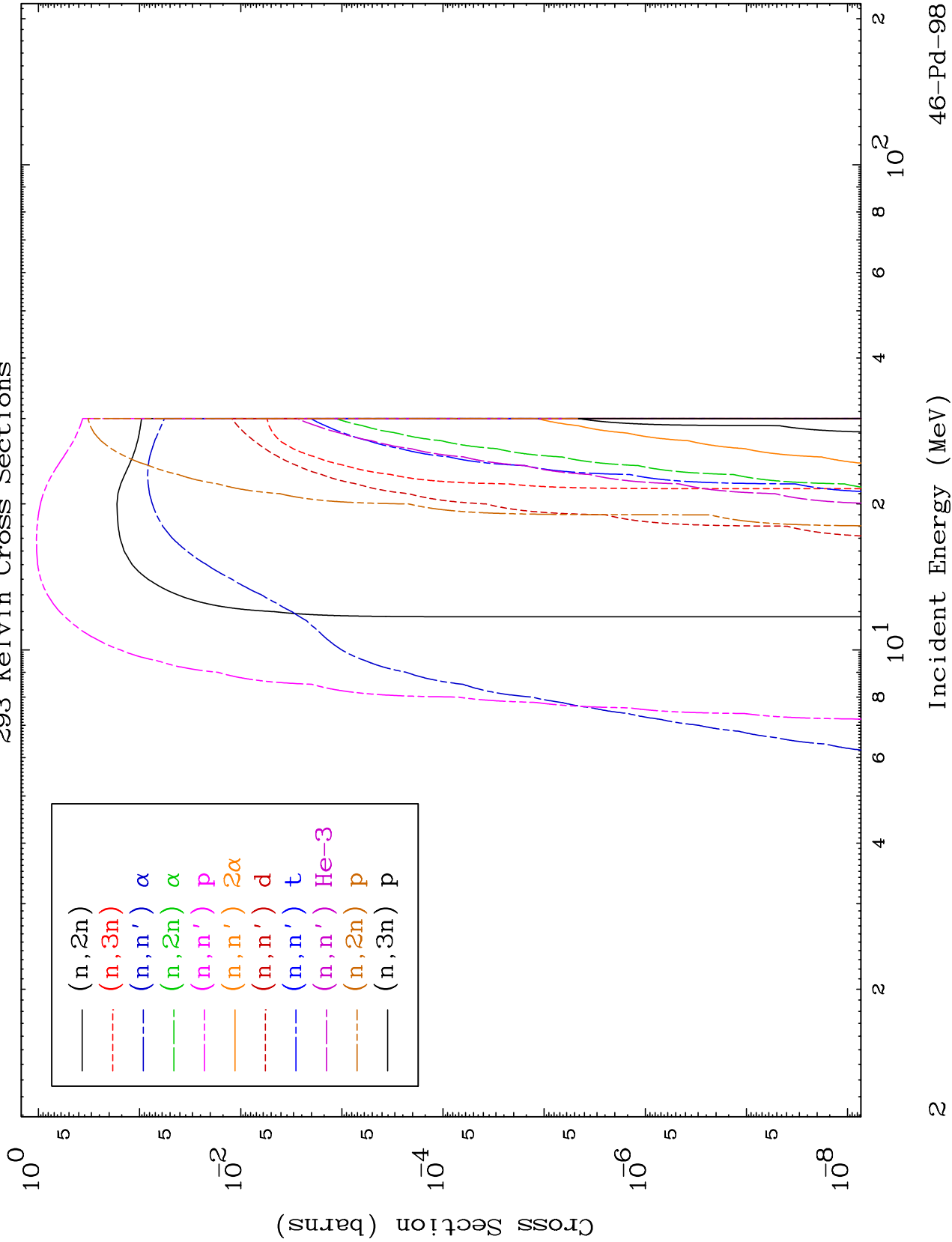
Press Mouse Button to Start

MAT 4613

Major
293 Kelvin Cross Sections

46-Pd-98

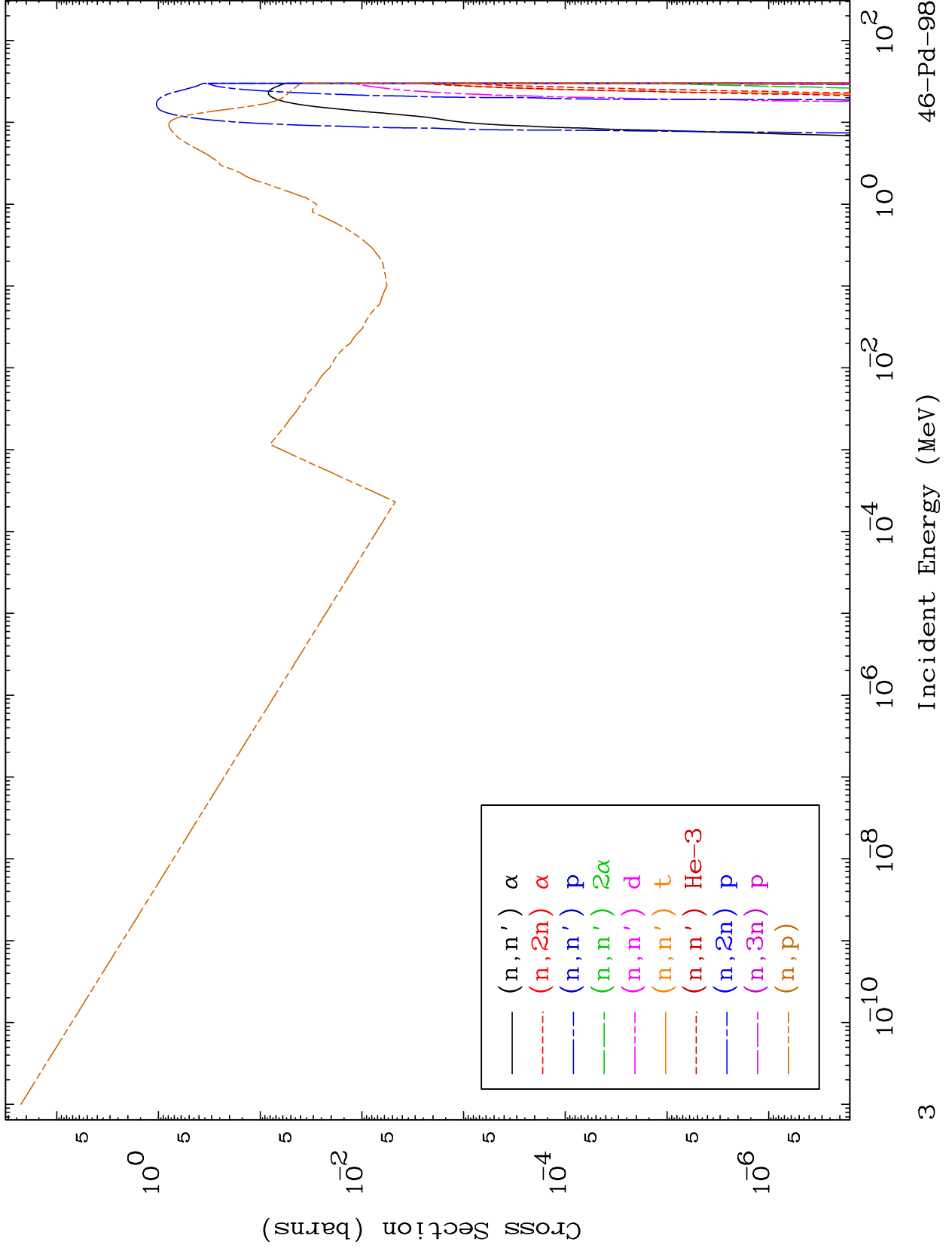




MAT 4613

Charged Particle
293 Kelvin Cross Sections

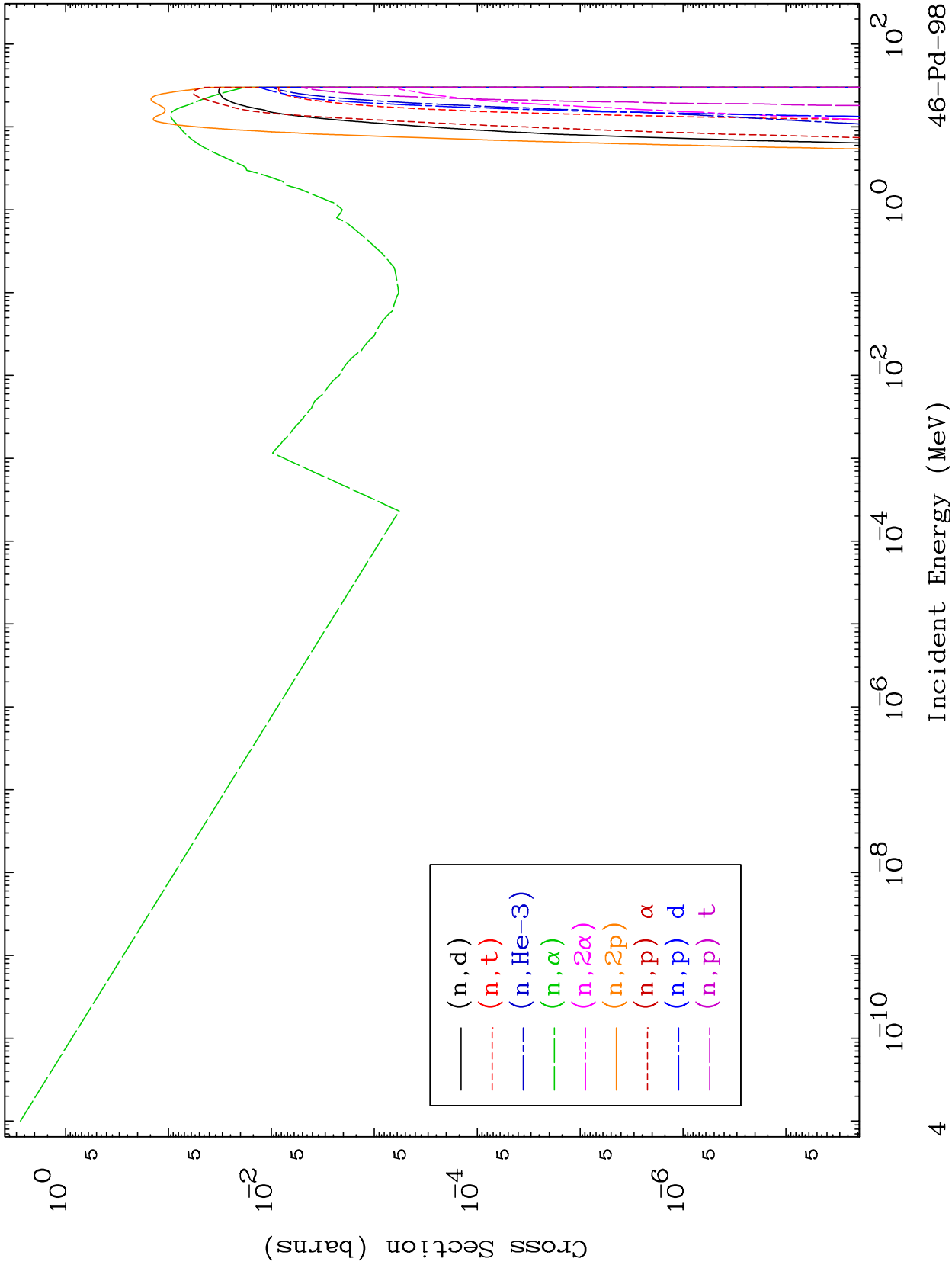
46-Pd-98



MAT 4613

Charged Particle
293 Kelvin Cross Sections

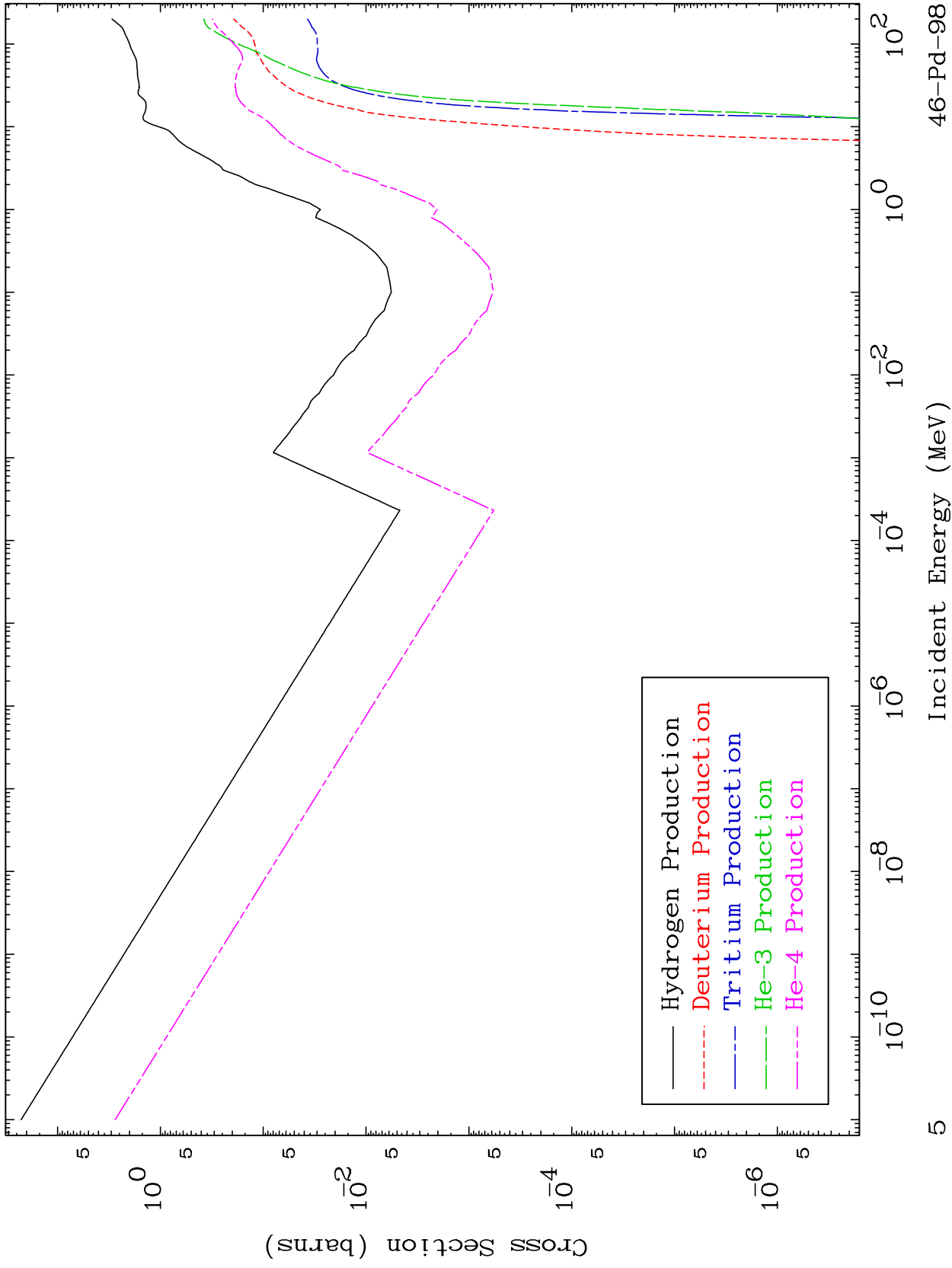
46-Pd-98



MAT 4613

Particle Production
293 Kelvin Cross Sections

46-Pd-98

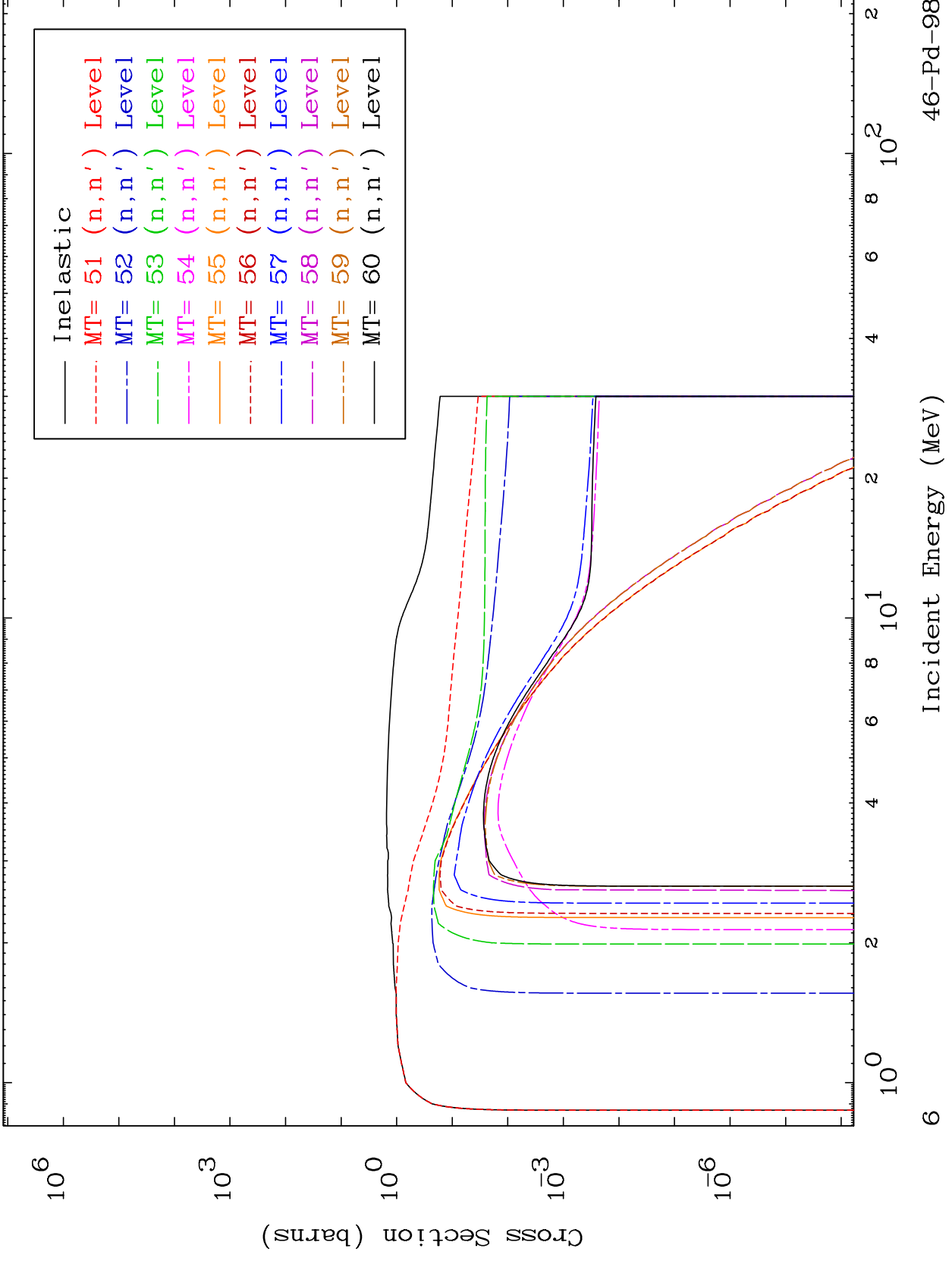


MAT 4613

(n,n') Level

46-Pd-98

293 Kelvin Cross Sections

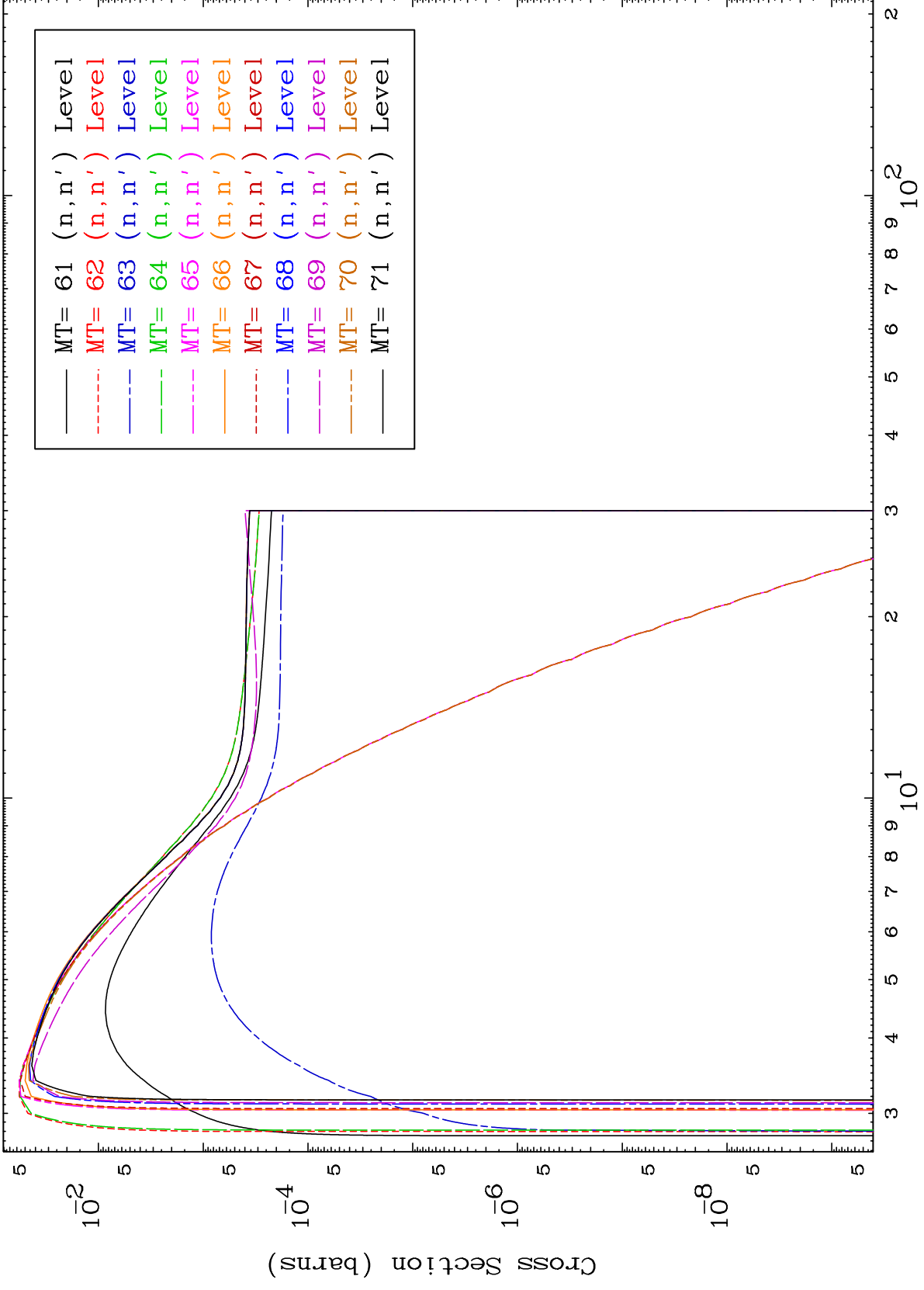


MAT 4613

(n,n') Level

46-Pd-98

293 Kelvin Cross Sections



7

Incident Energy (MeV)

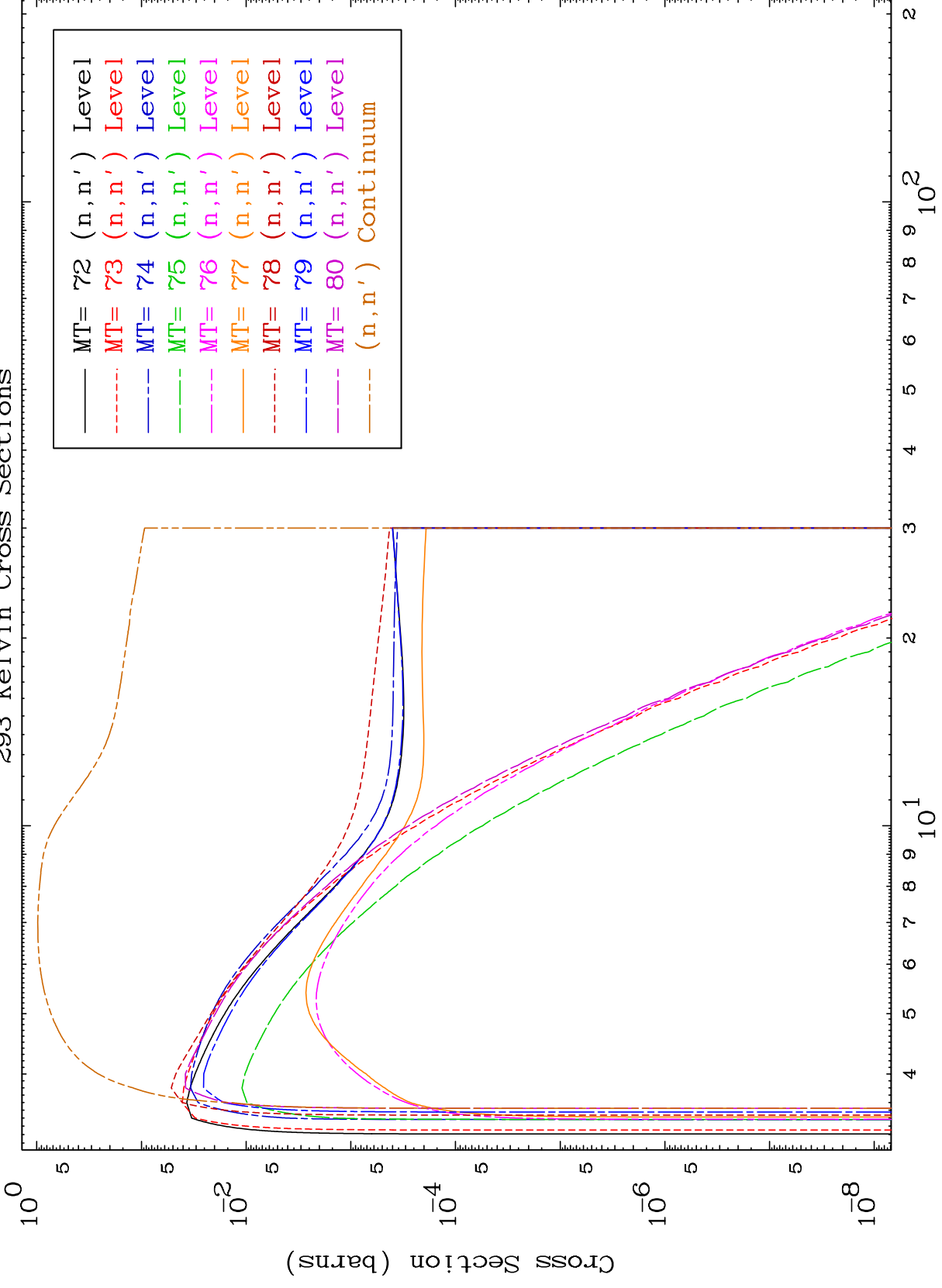
46-Pd-98

MAT 4613

(n,n') Level

46-Pd-98

293 Kelvin Cross Sections



Incident Energy (MeV)

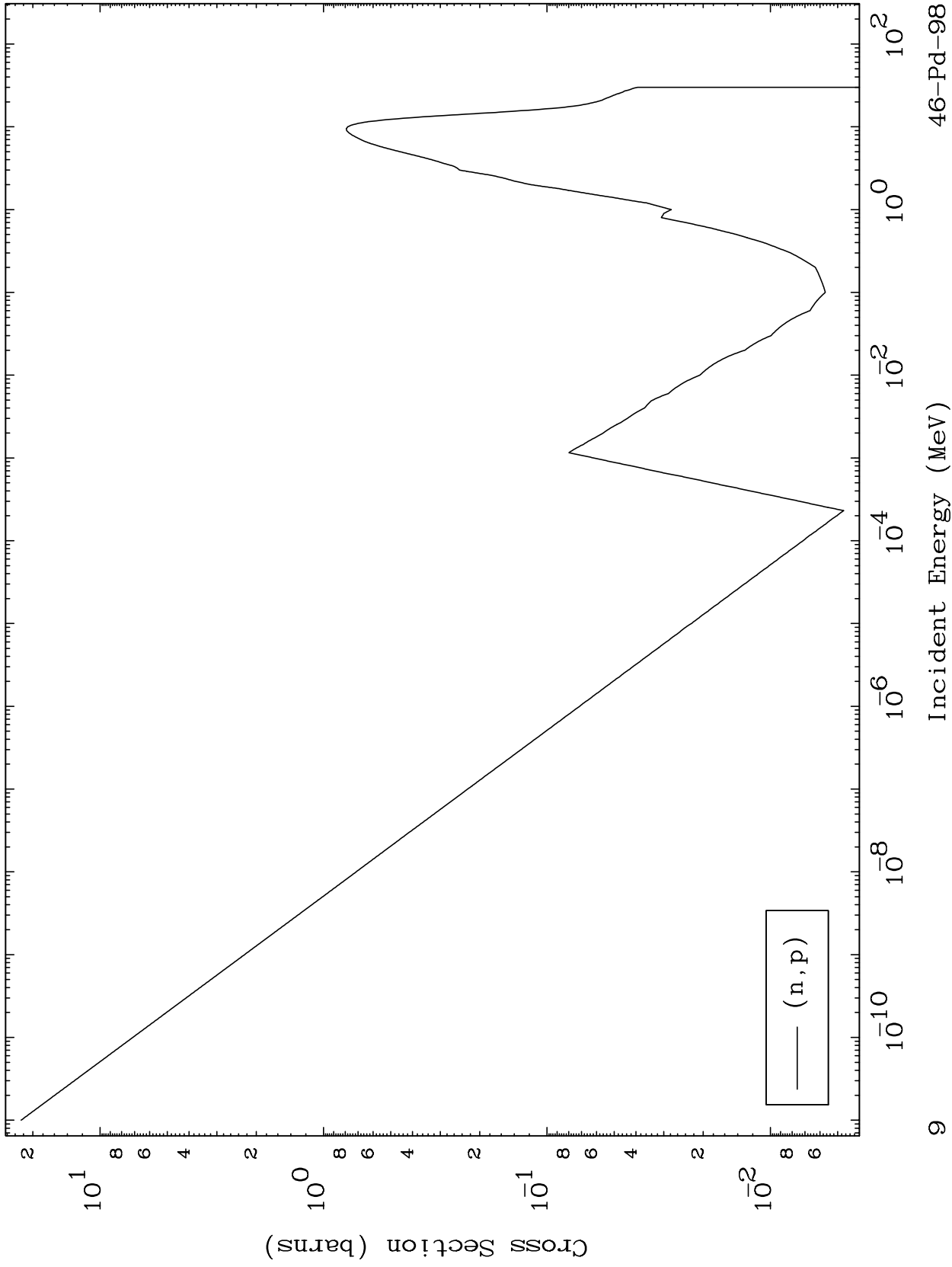
46-Pd-98

8

MAT 4613

(n,p) Levels
293 Kelvin Cross Sections

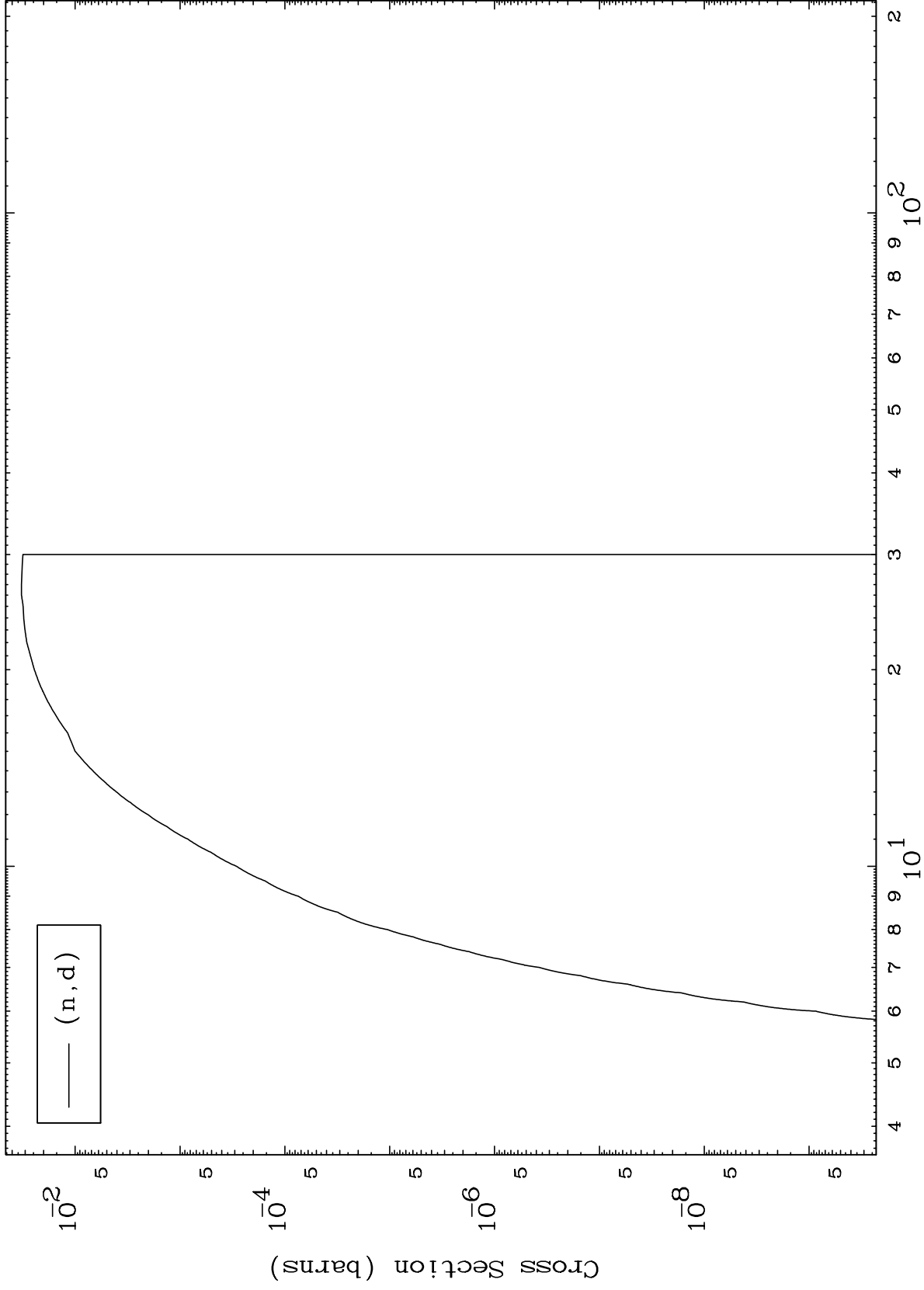
46-Pd-98



MAT 4613

(n,d) Levels
293 Kelvin Cross Sections

46-Pd-98



10

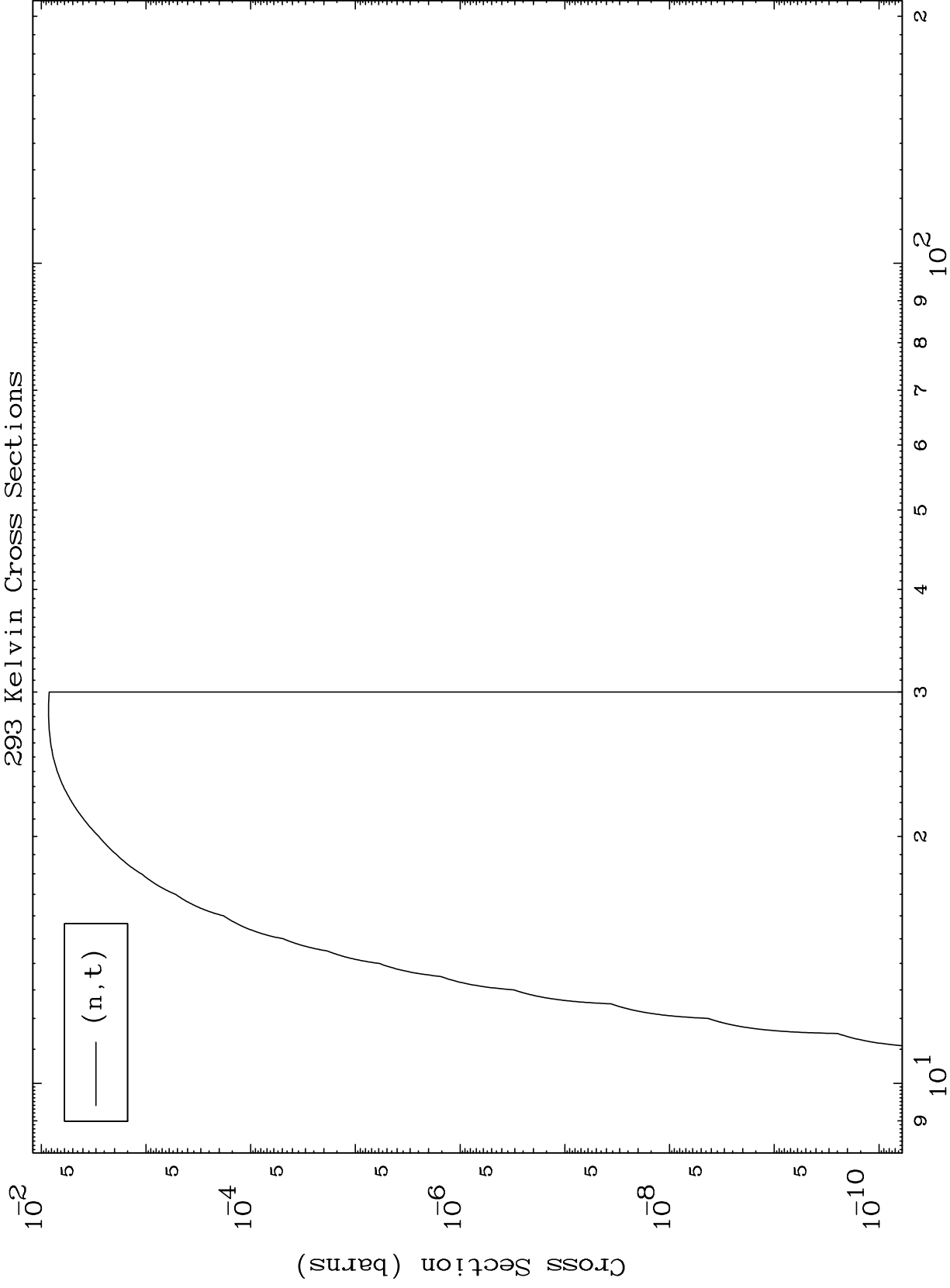
Incident Energy (MeV)

46-Pd-98

MAT 4613

(n,t) Levels
293 Kelvin Cross Sections

46-Pd-98



11

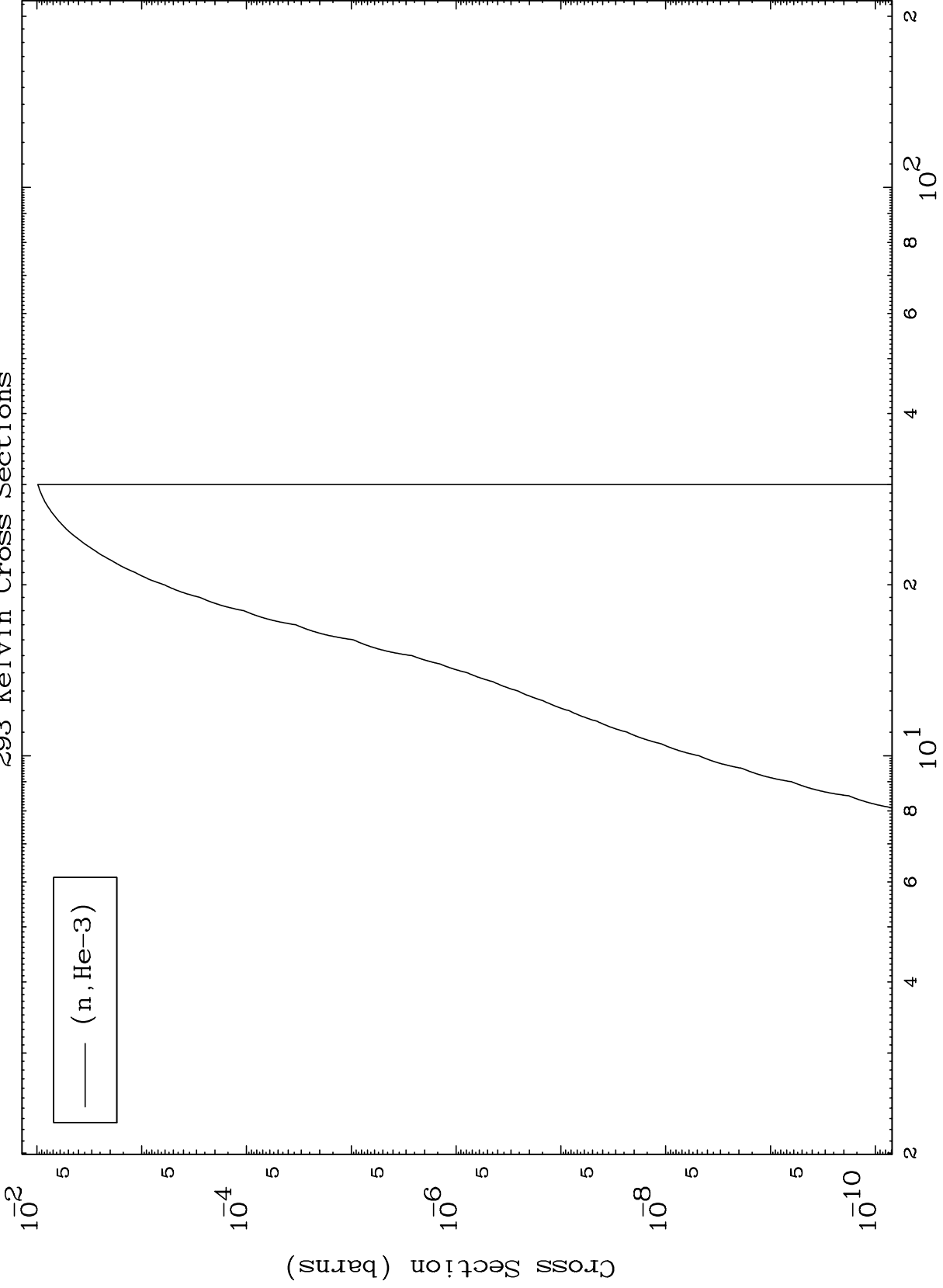
Incident Energy (MeV)

46-Pd-98

MAT 4613

(n,He3) Levels
293 Kelvin Cross Sections

46-Pd-98



12

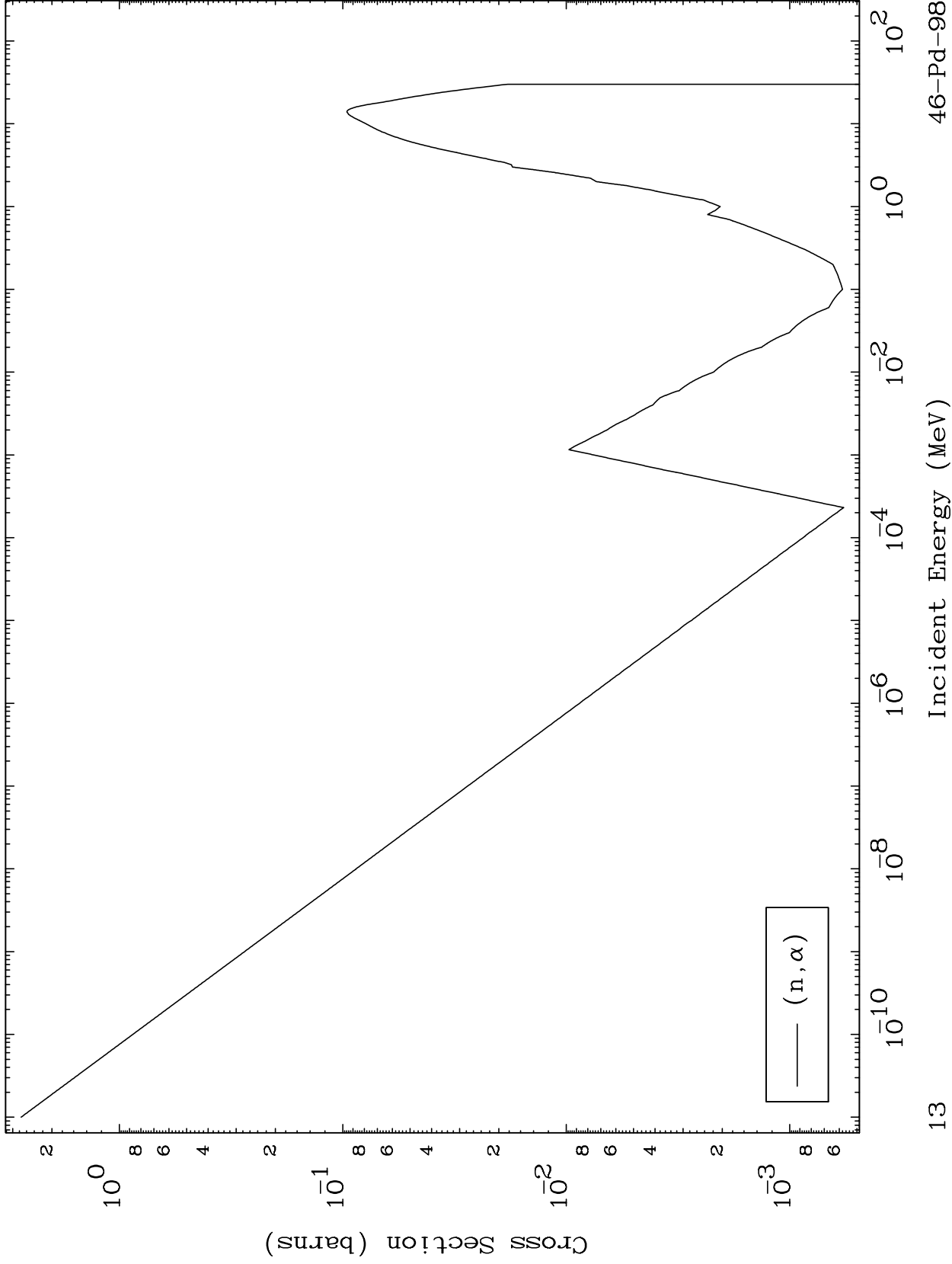
Incident Energy (MeV)

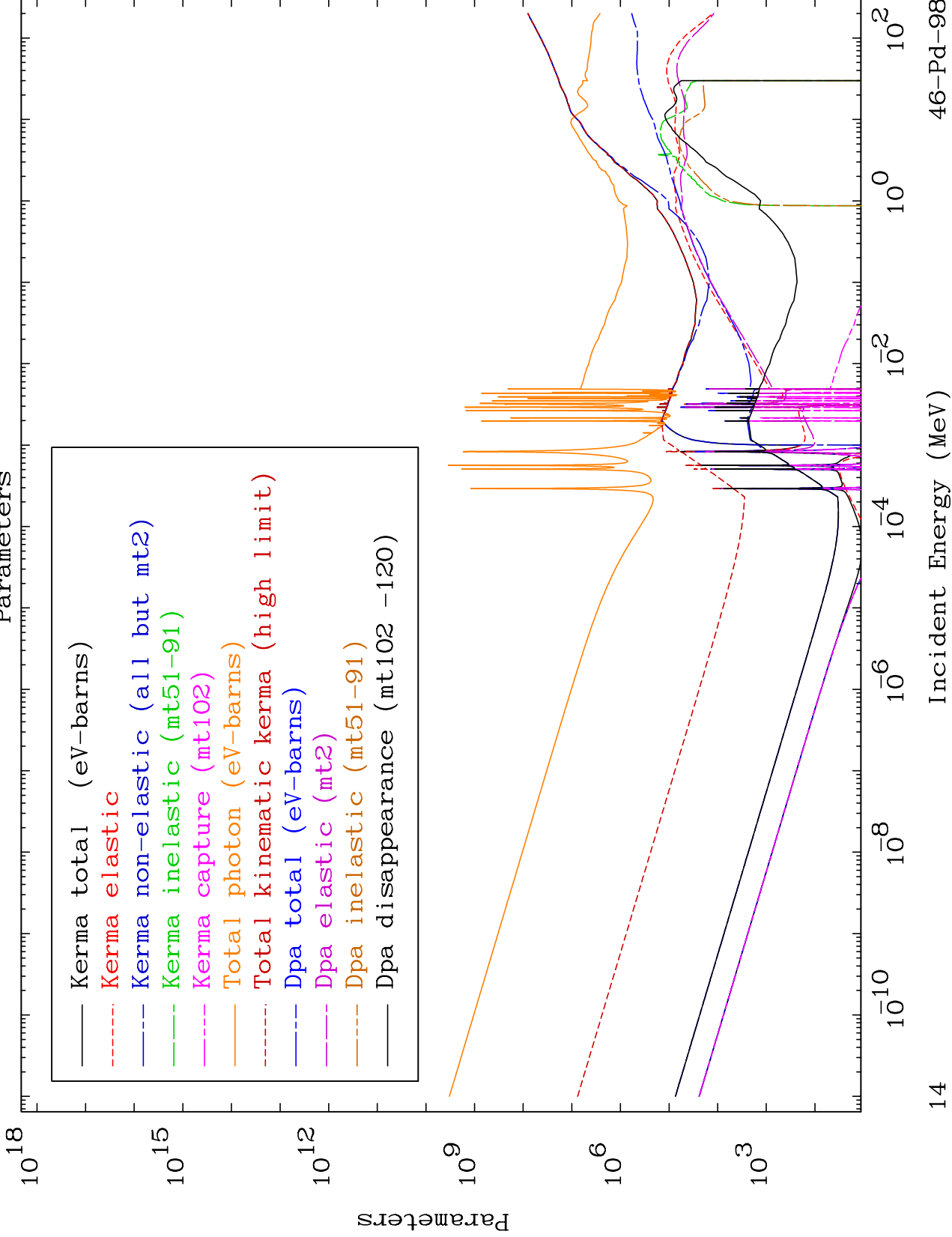
46-Pd-98

MAT 4613

(n, α) Levels
293 Kelvin Cross Sections

46-Pd-98

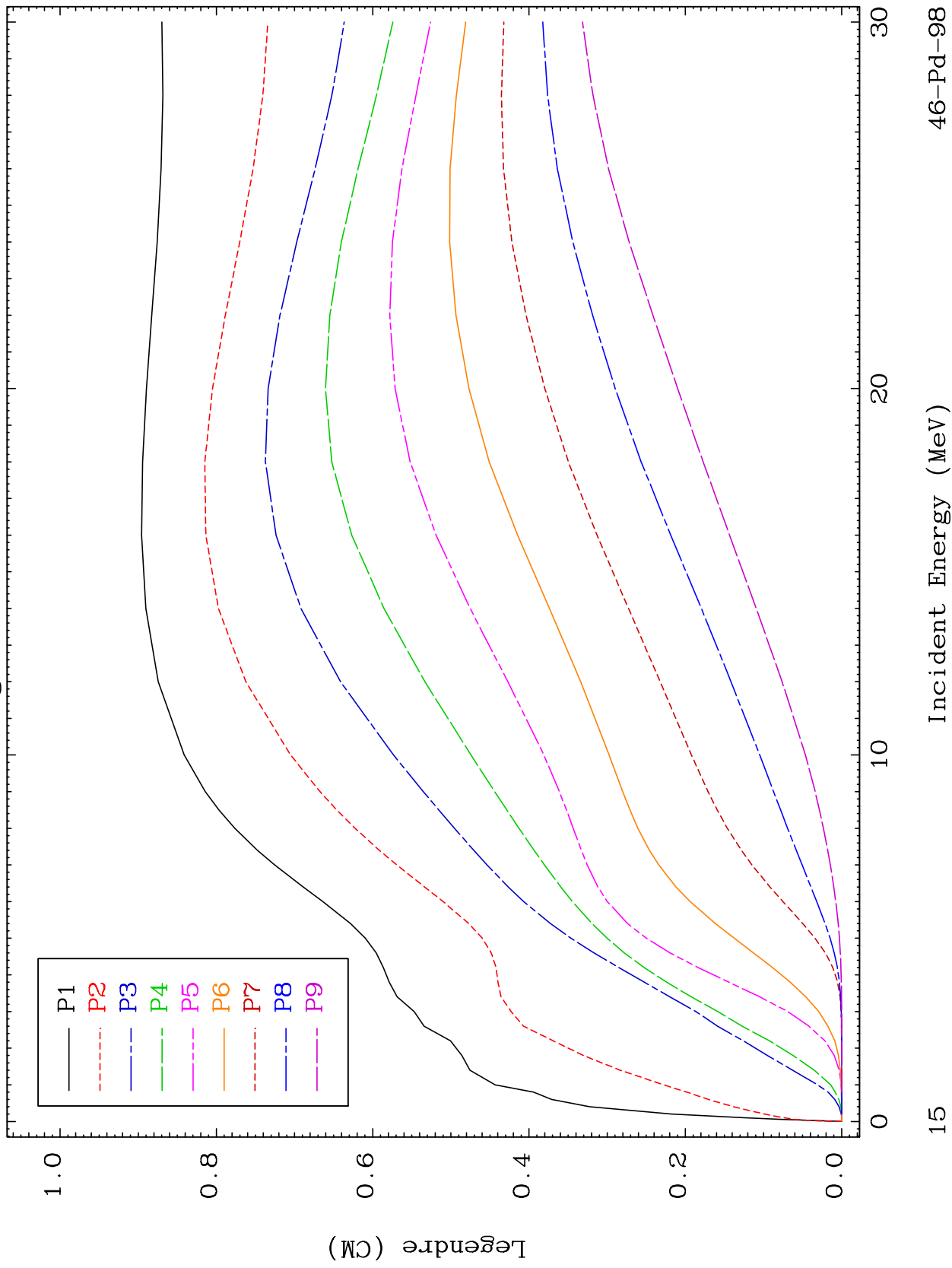




MAT 4613

Elastic Legendre Coefficients

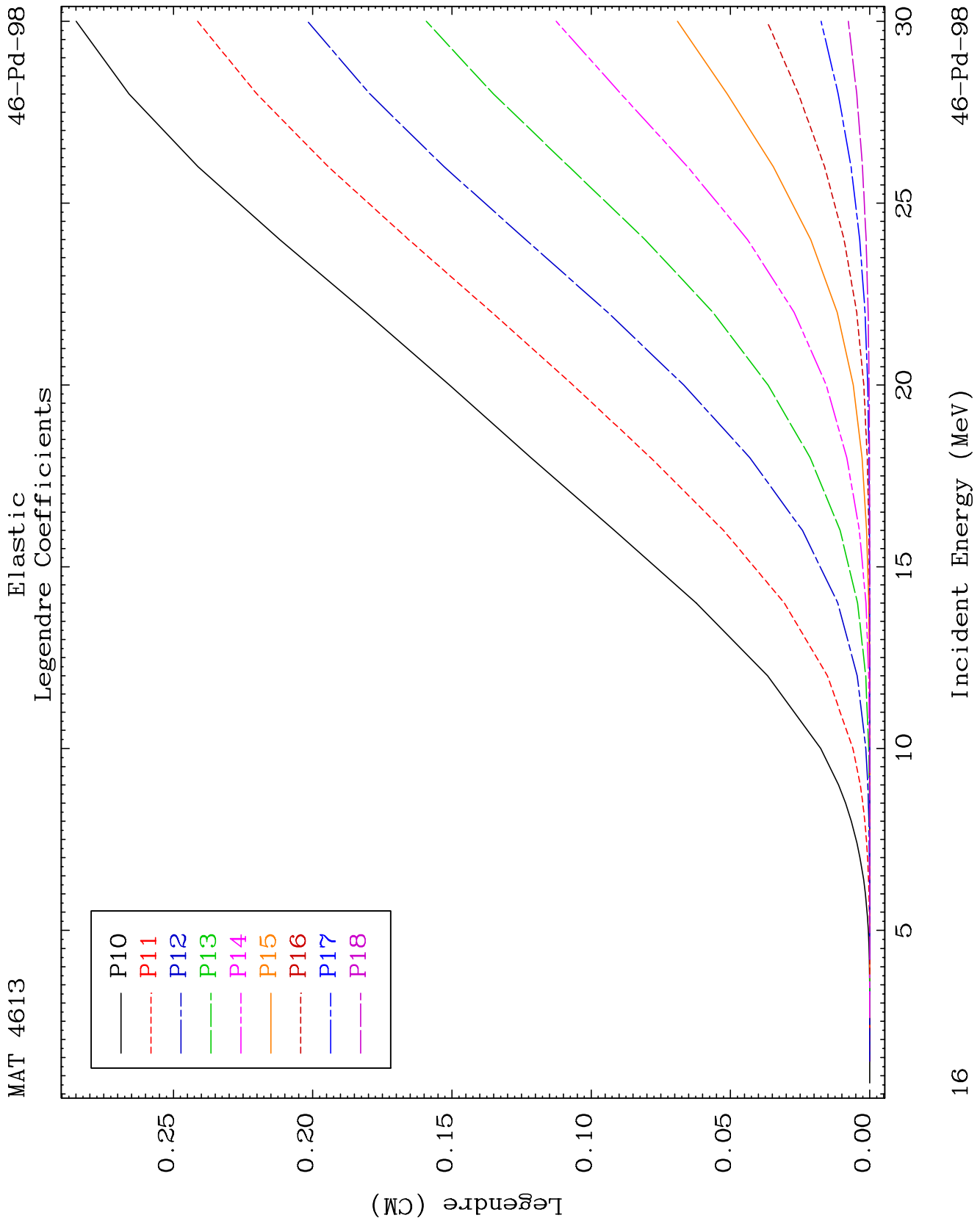
46-Pd-98



15

Incident Energy (MeV)

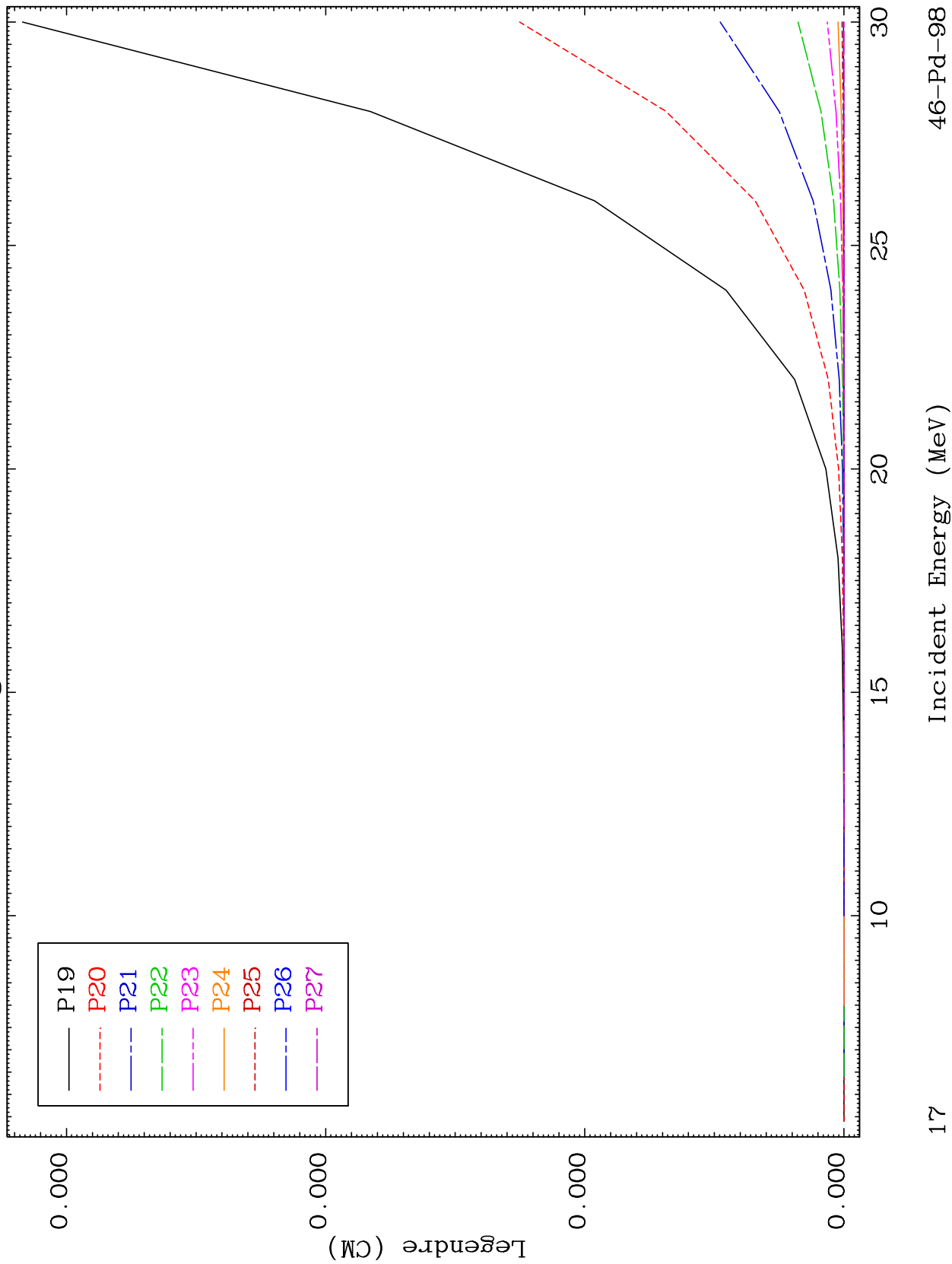
46-Pd-98



MAT 4613

Elastic Legendre Coefficients

46-Pd-98



17

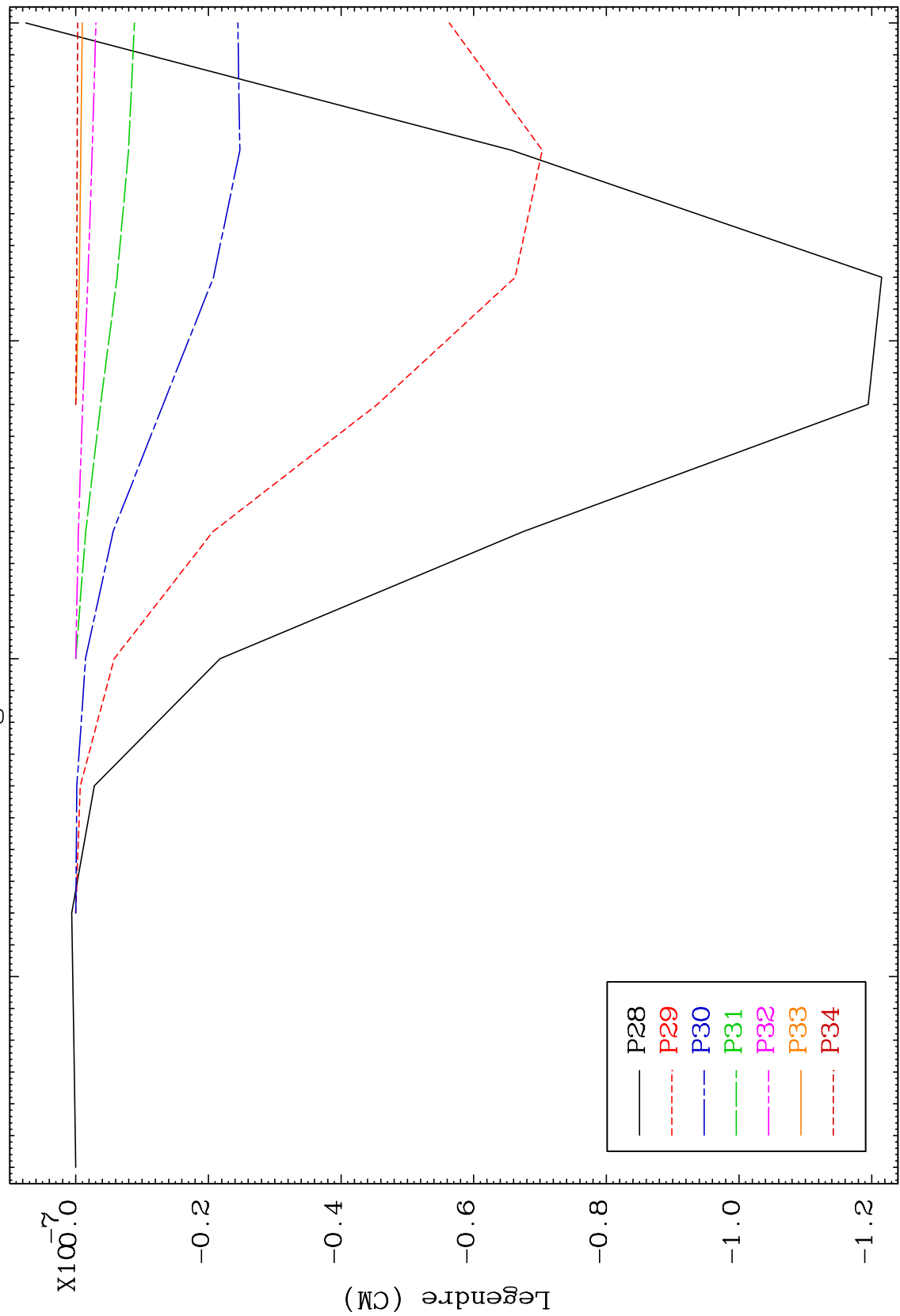
Incident Energy (MeV)

46-Pd-98

MAT 4613

46-Pd-98

Elastic Legendre Coefficients



18

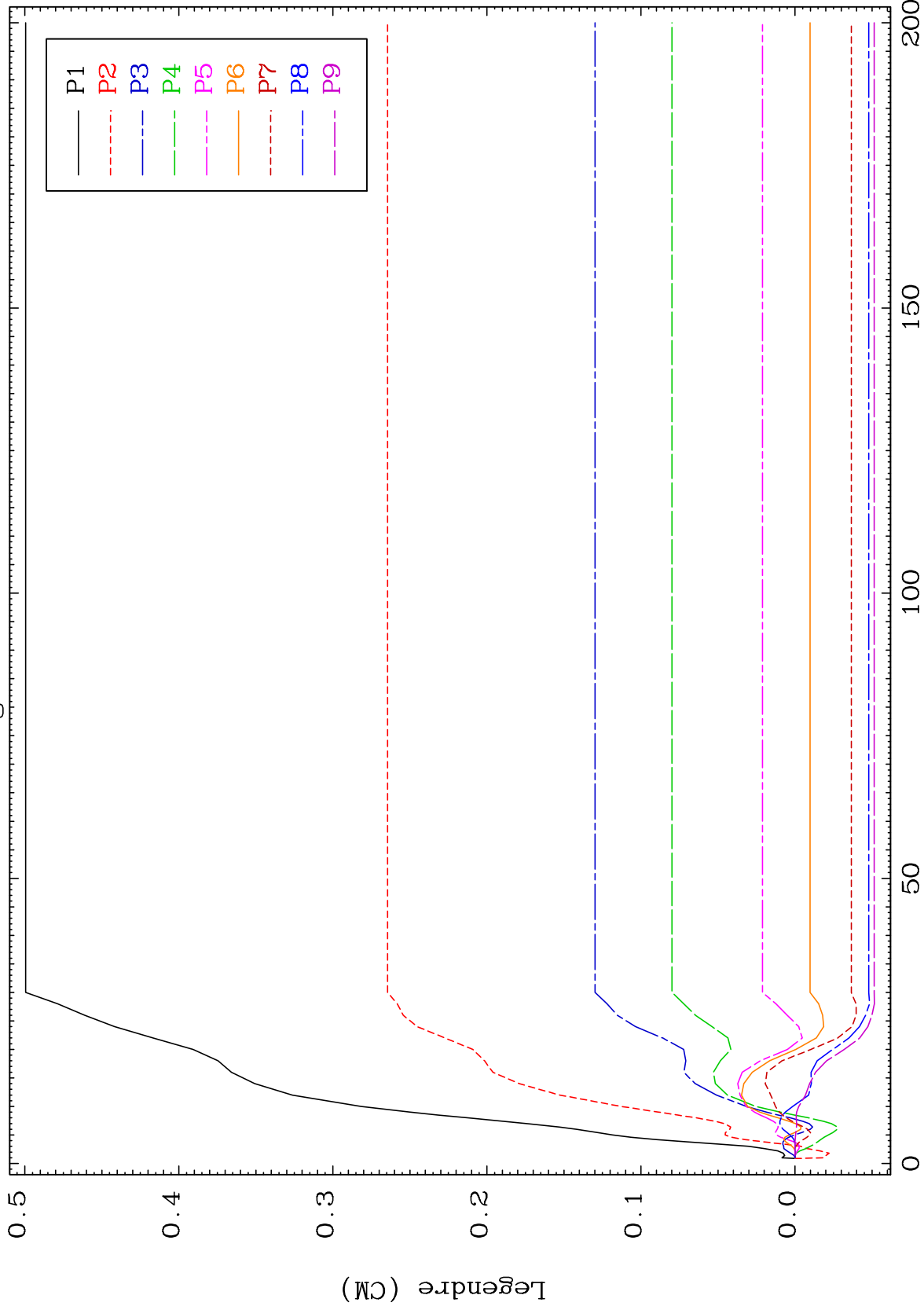
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

46-Pd-98



19

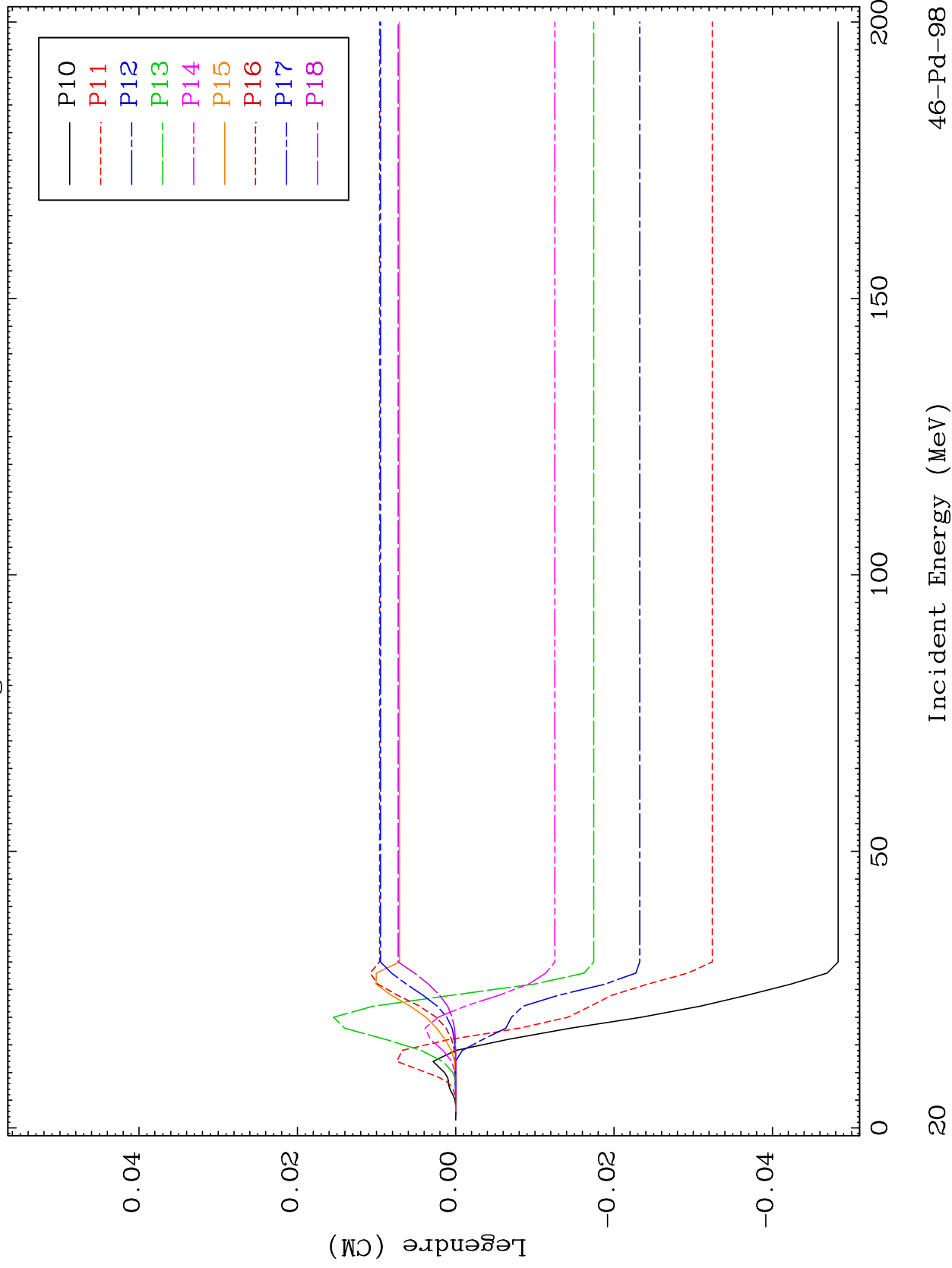
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

46-Pd-98



46-Pd-98

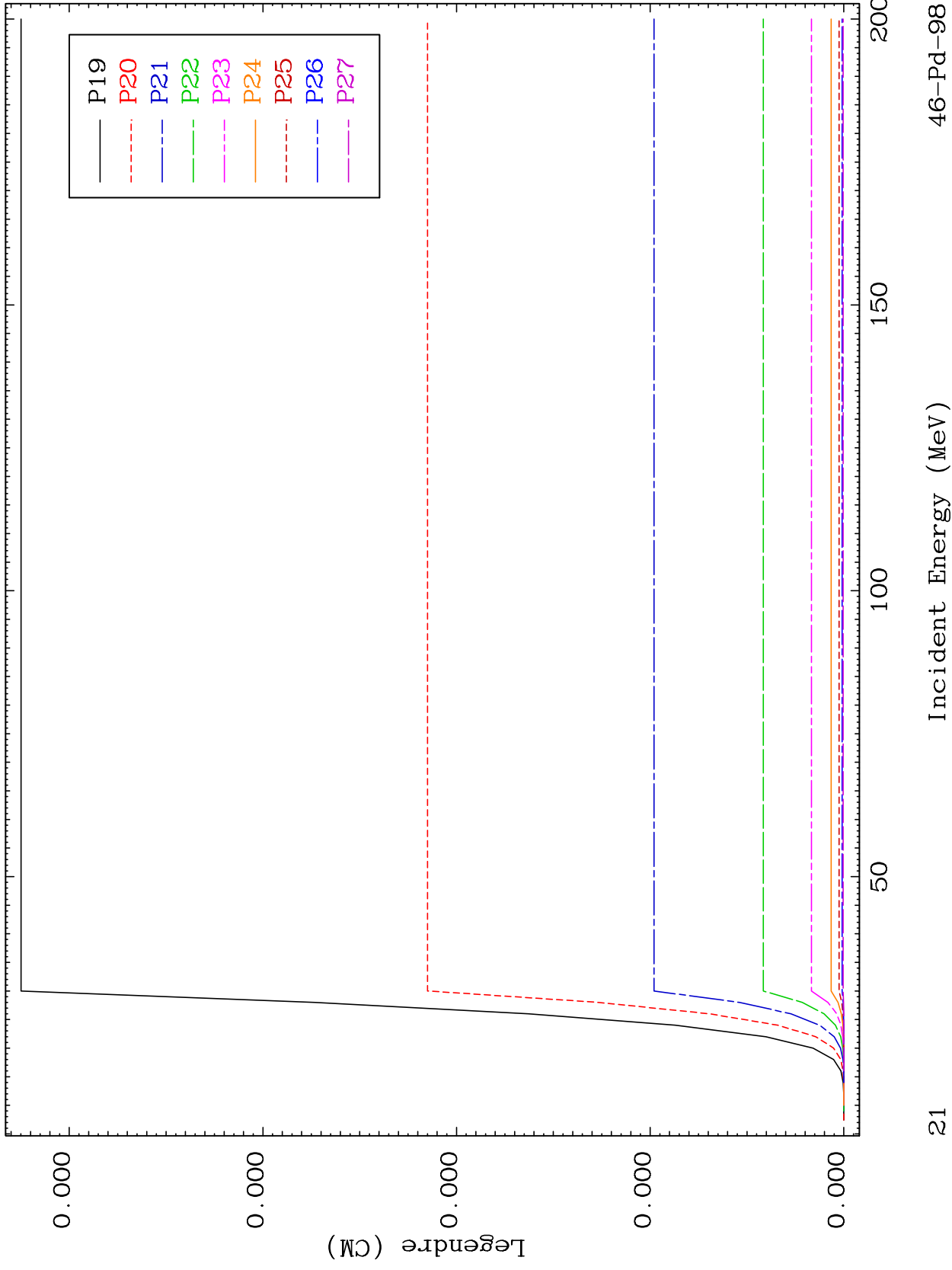
Incident Energy (MeV)

20

MAT 4613

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

46-Pd-98



21

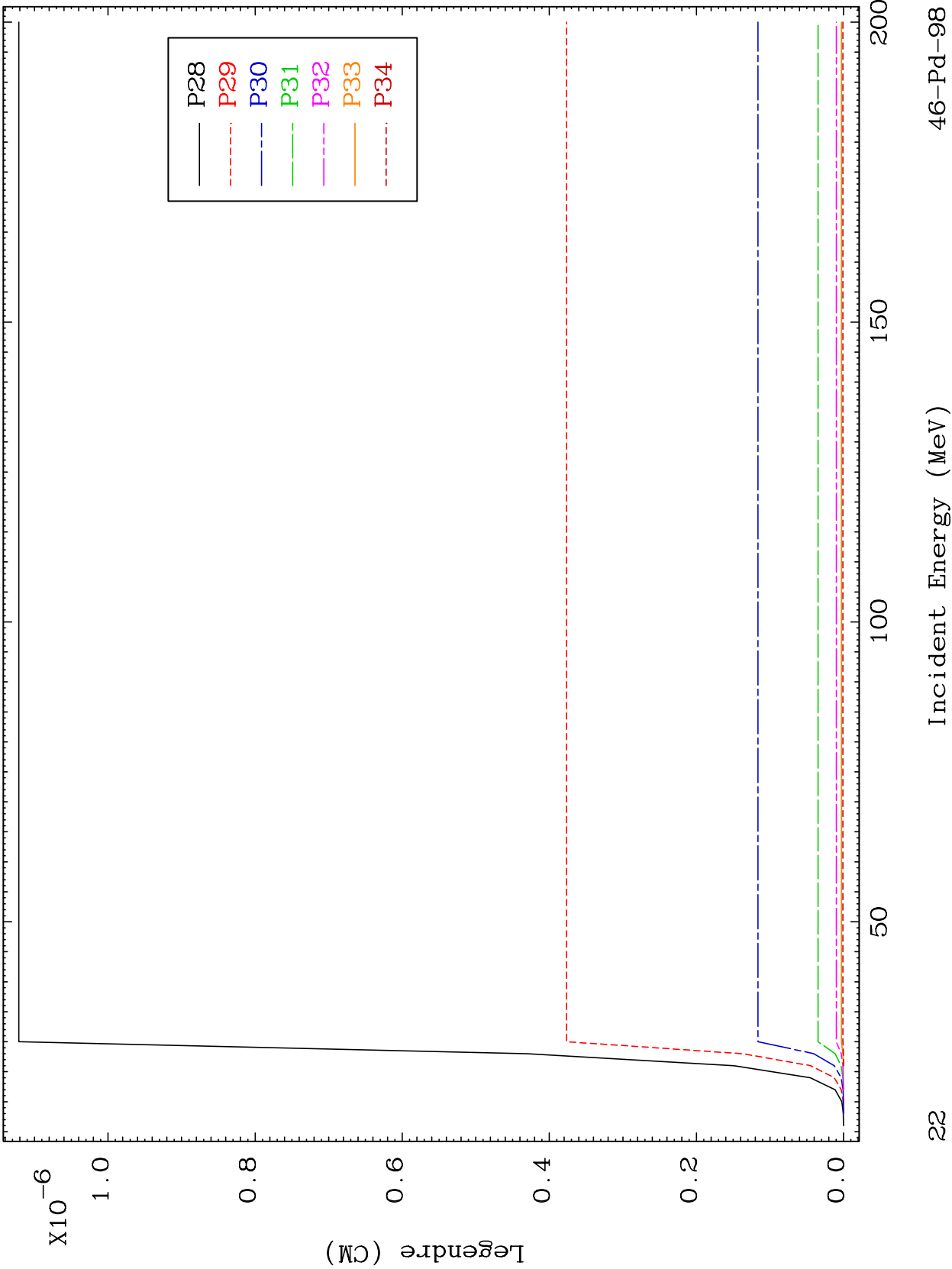
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

46-Pd-98



22

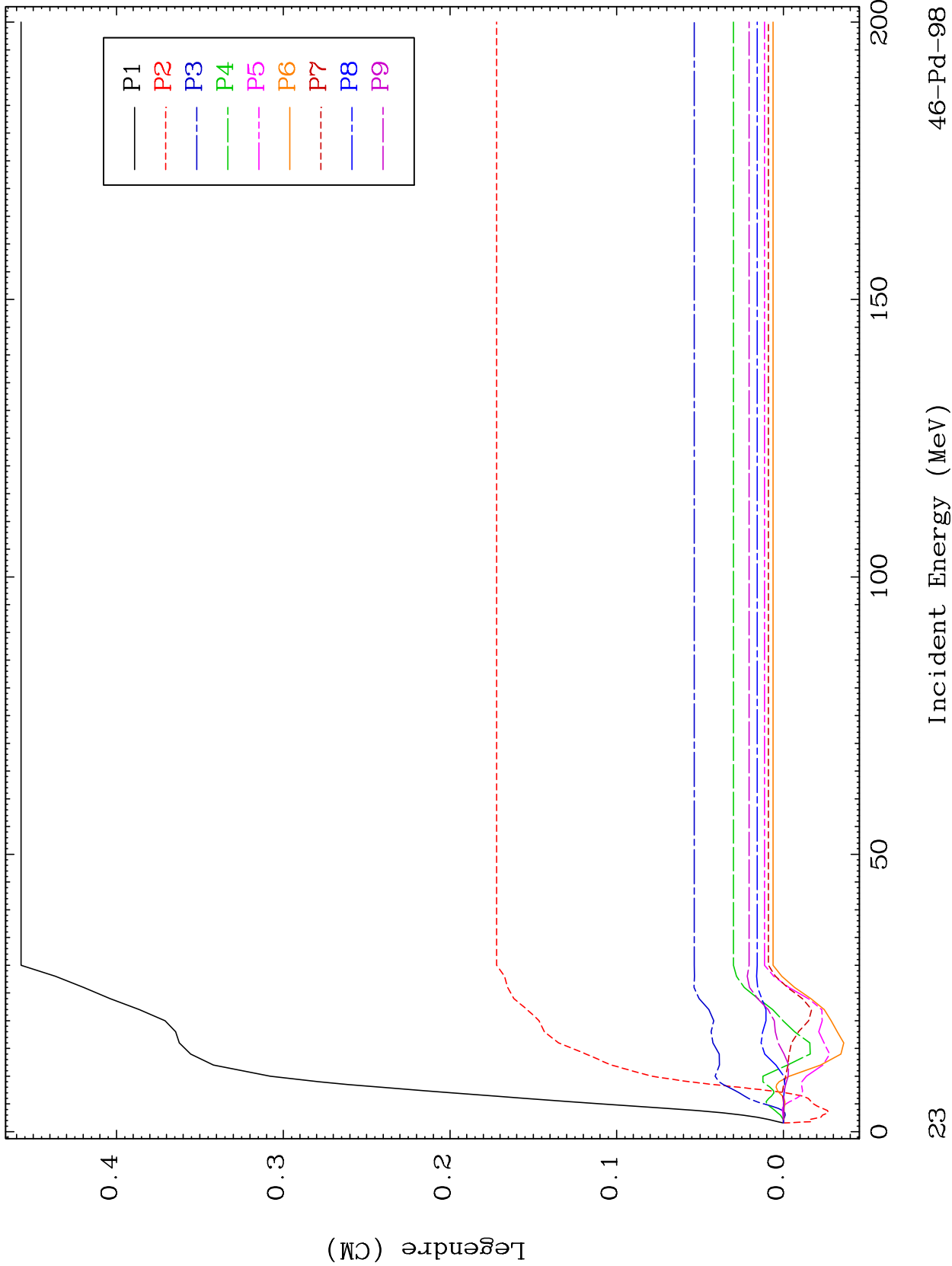
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

46-Pd-98



23

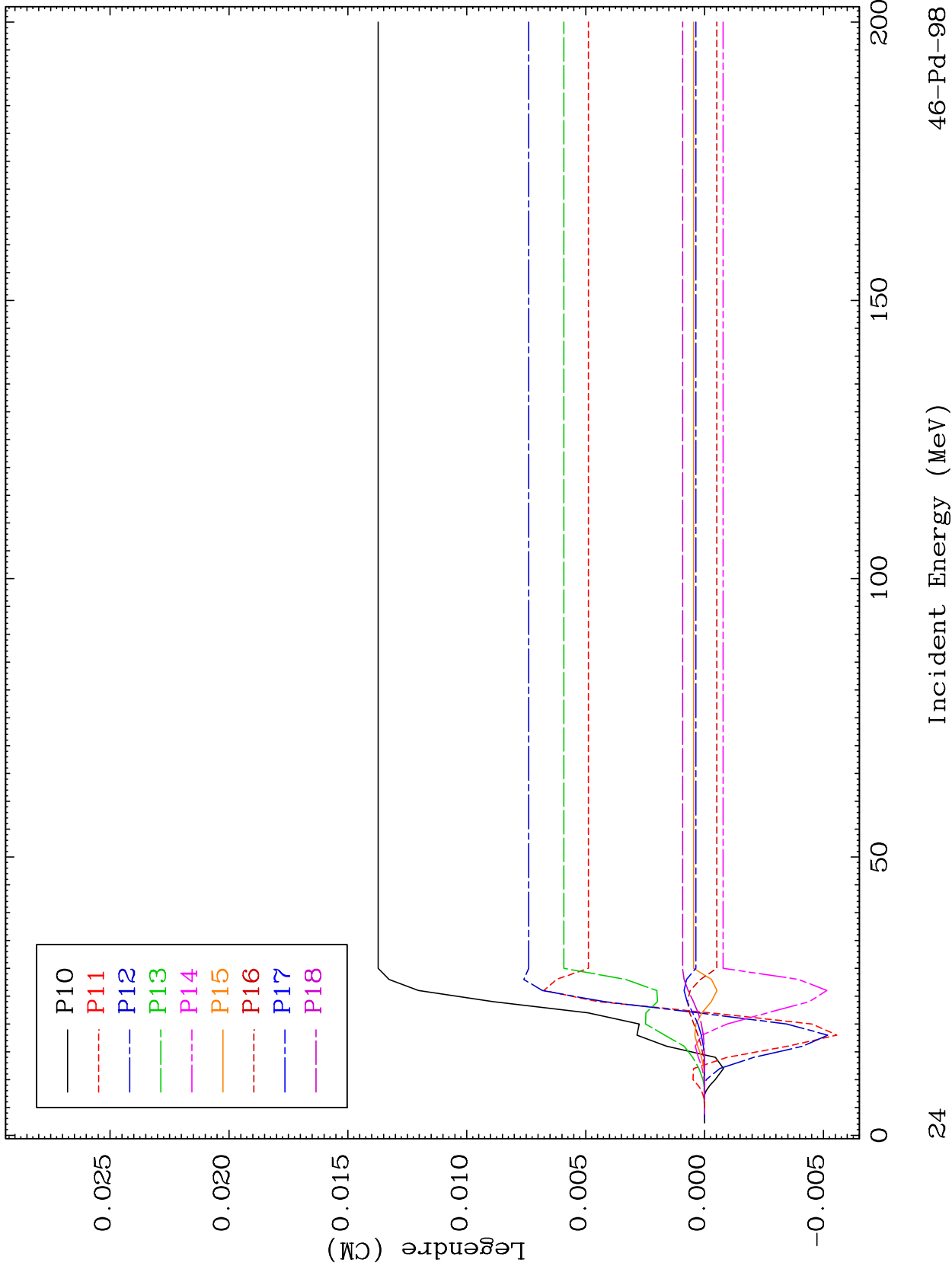
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

46-Pd-98



24

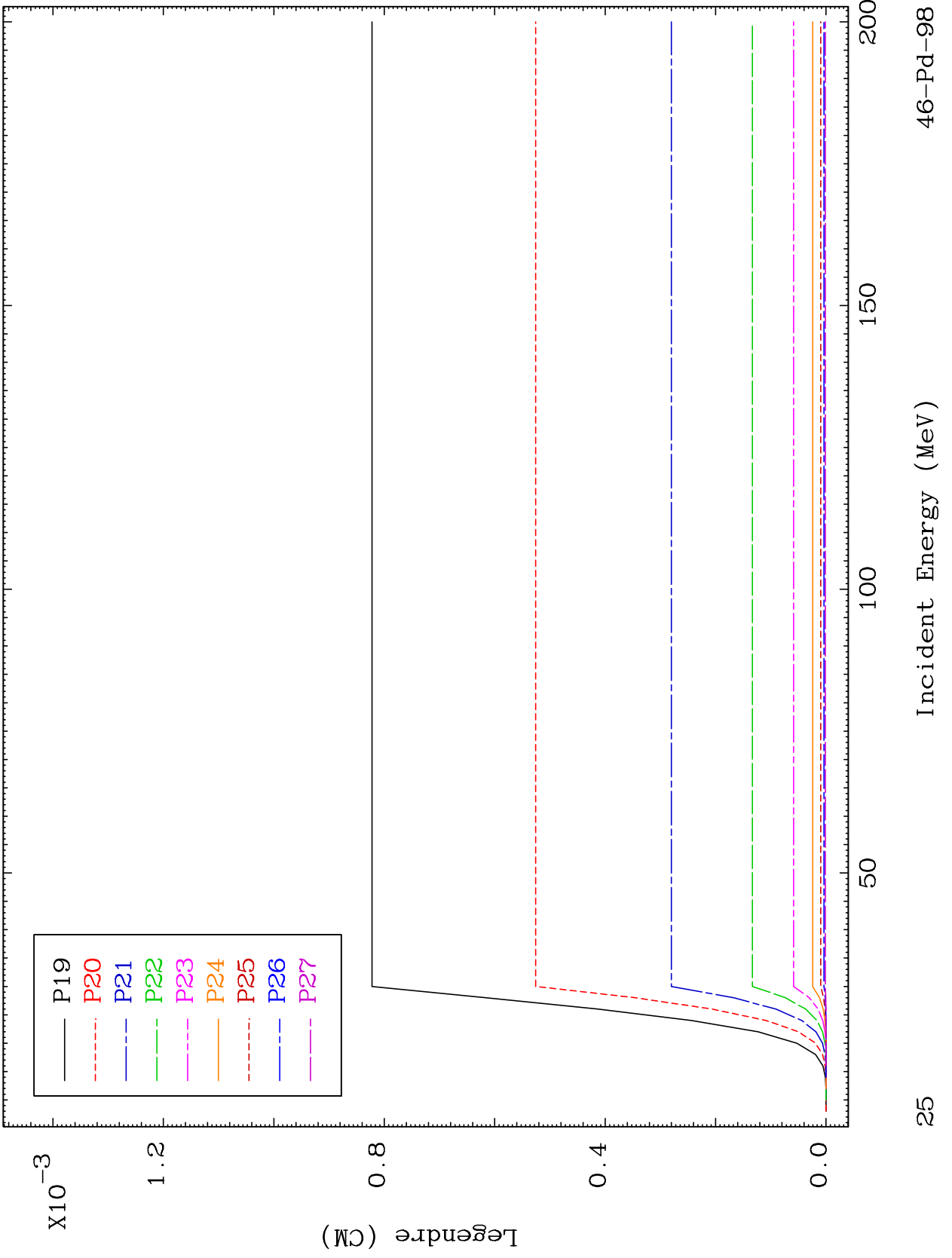
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

46-Pd-98



25

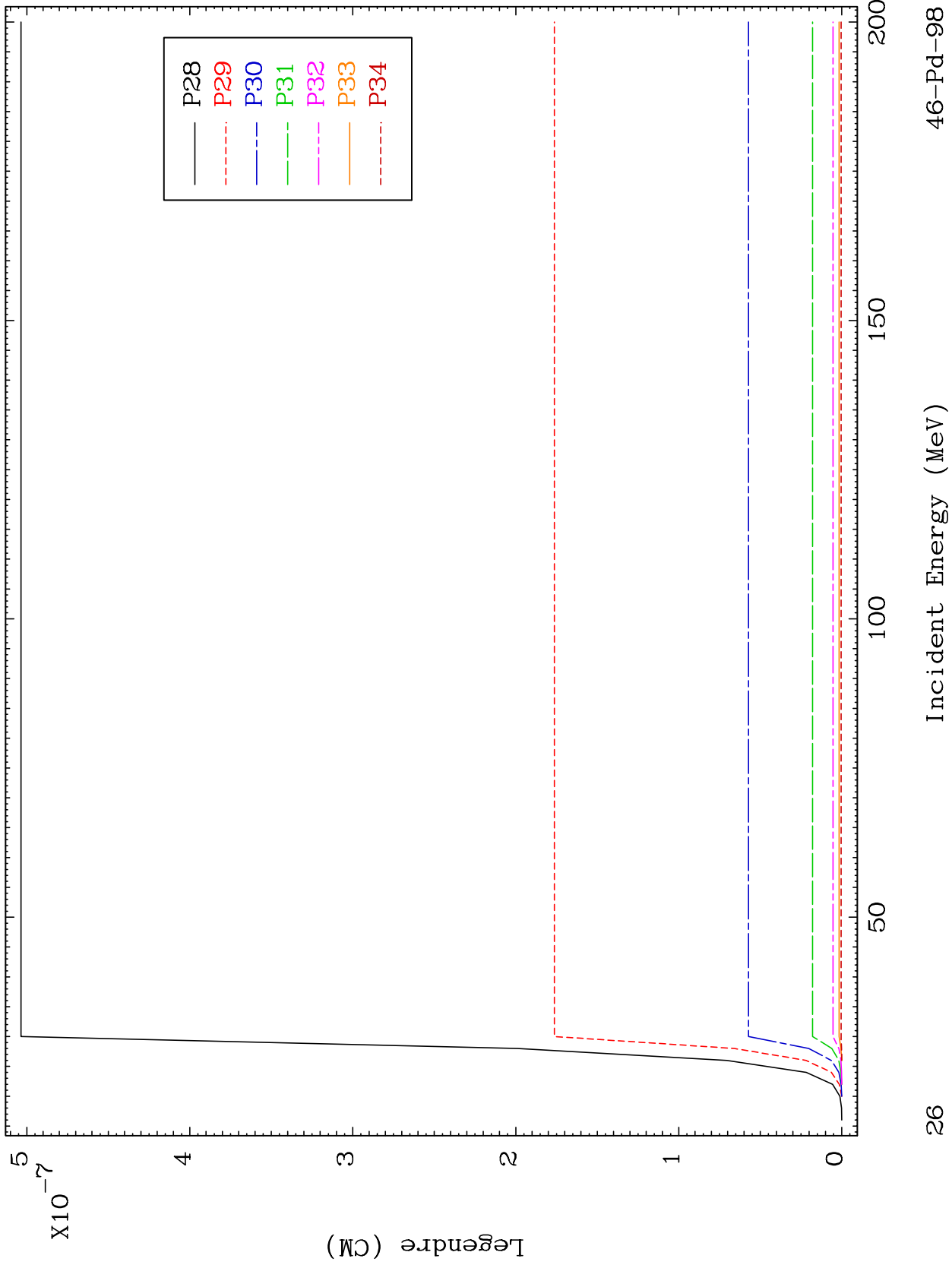
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

46-Pd-98

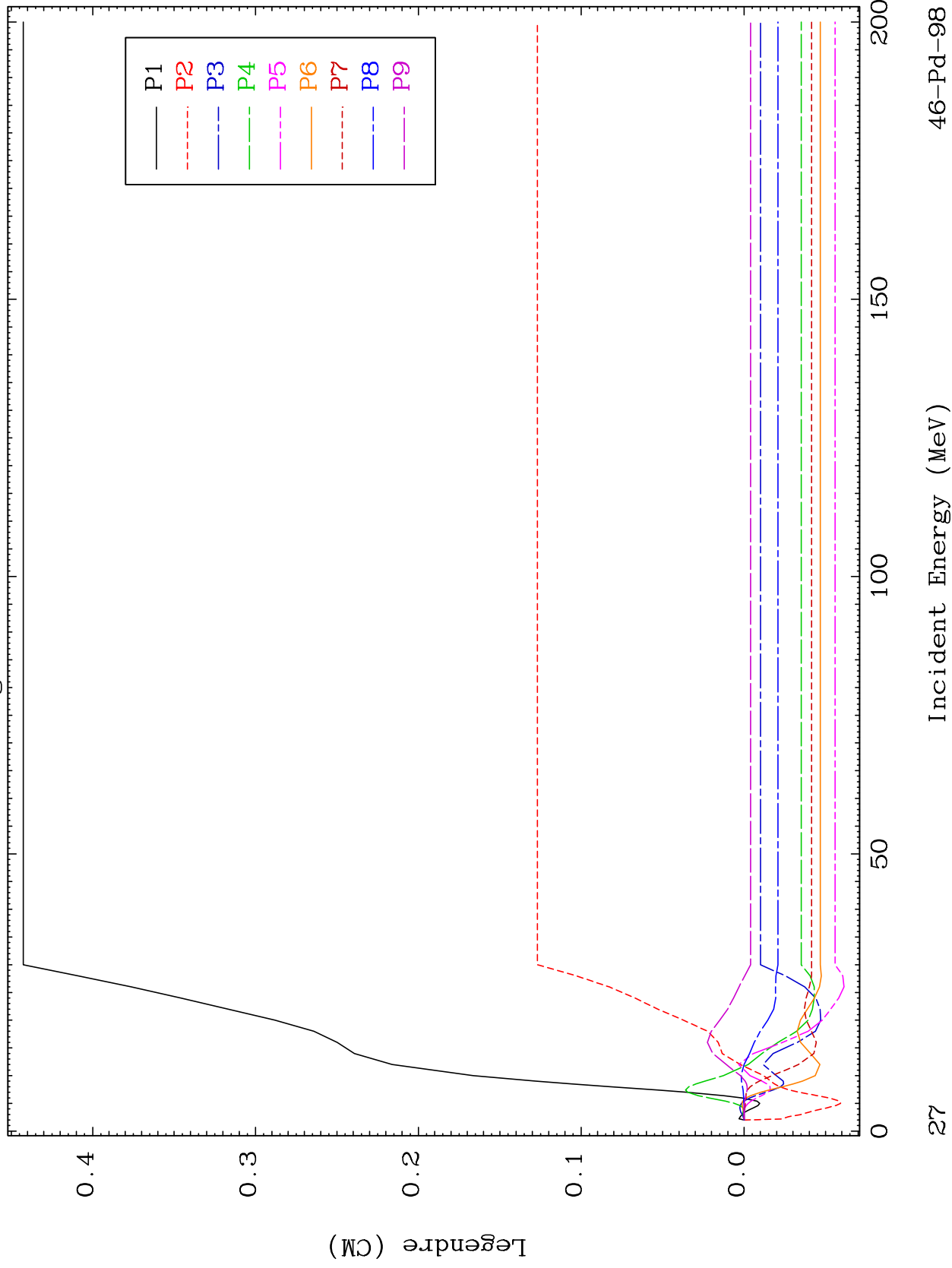


26

MAT 4613

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

46-Pd-98



46-Pd-98

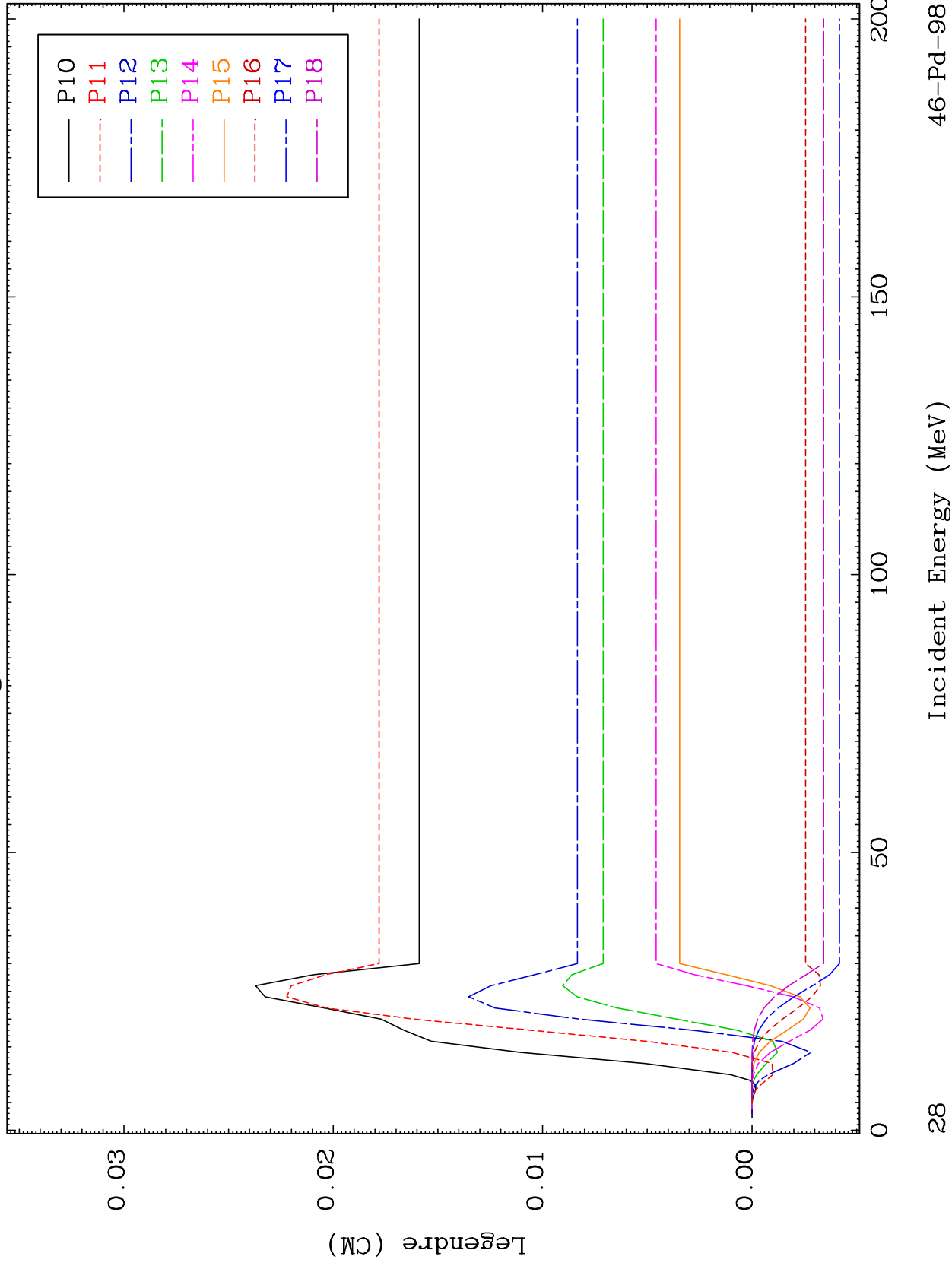
Incident Energy (MeV)

27

MAT 4613

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

46-Pd-98



28

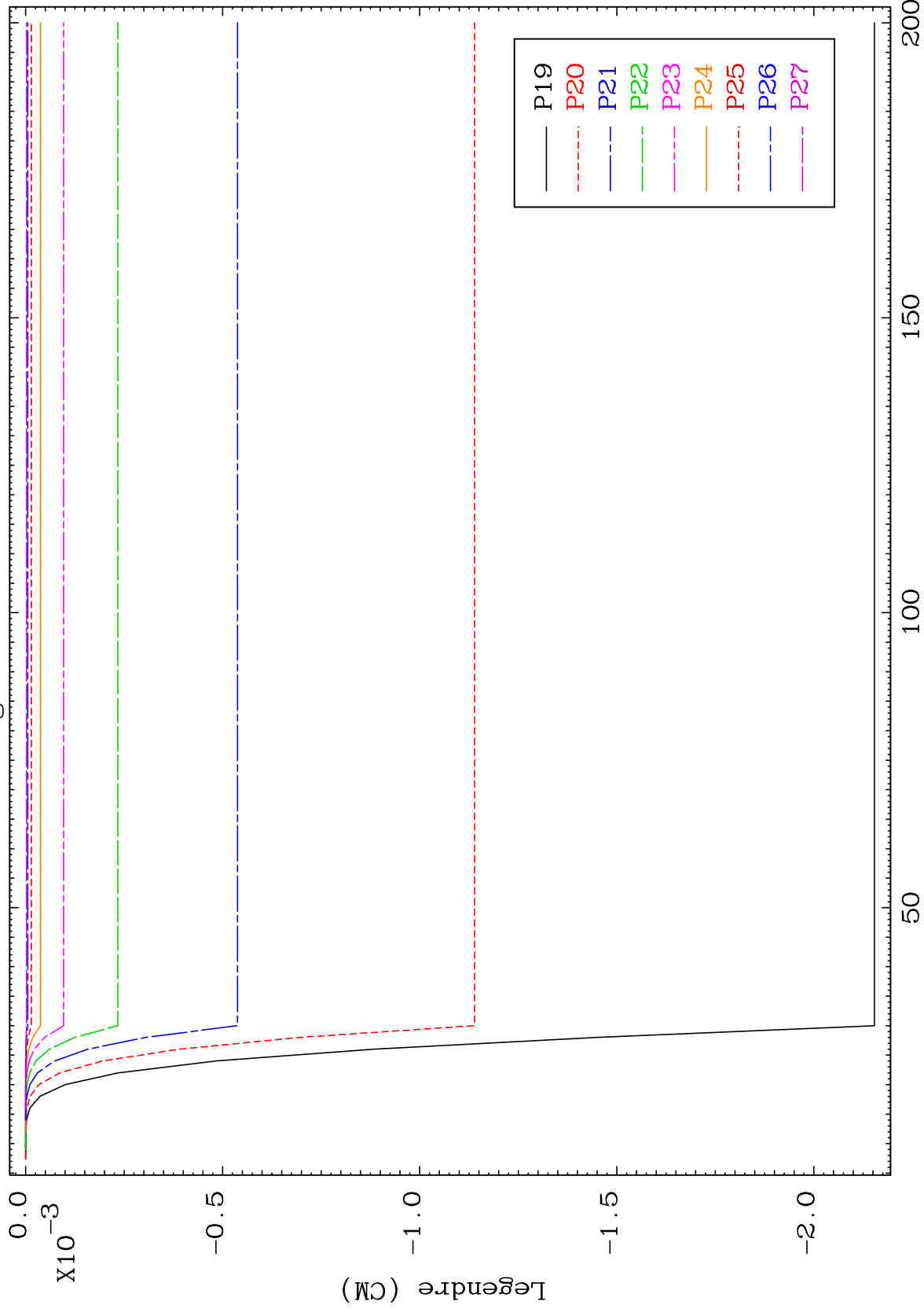
Incident Energy (MeV)

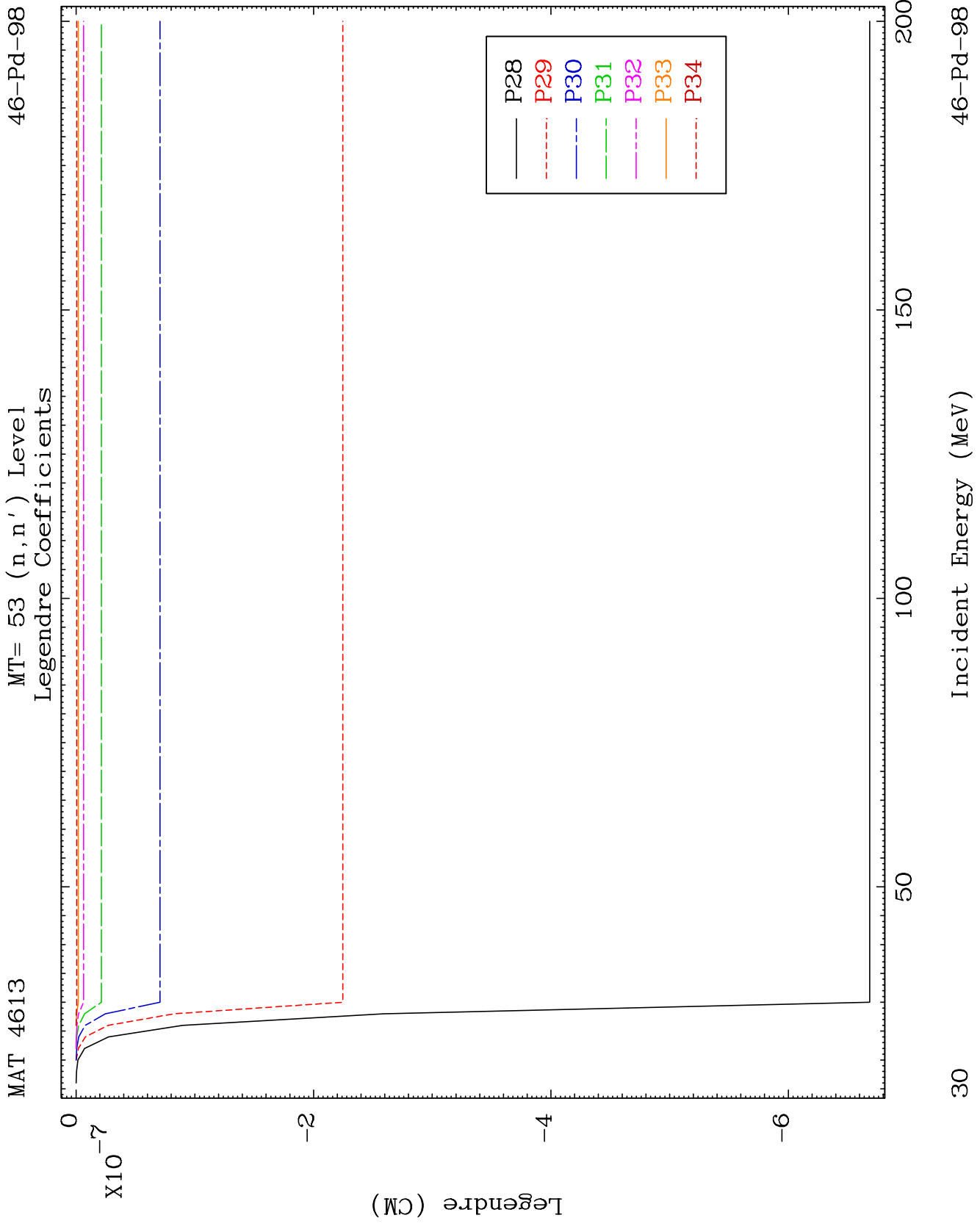
46-Pd-98

MAT 4613

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

46-Pd-98

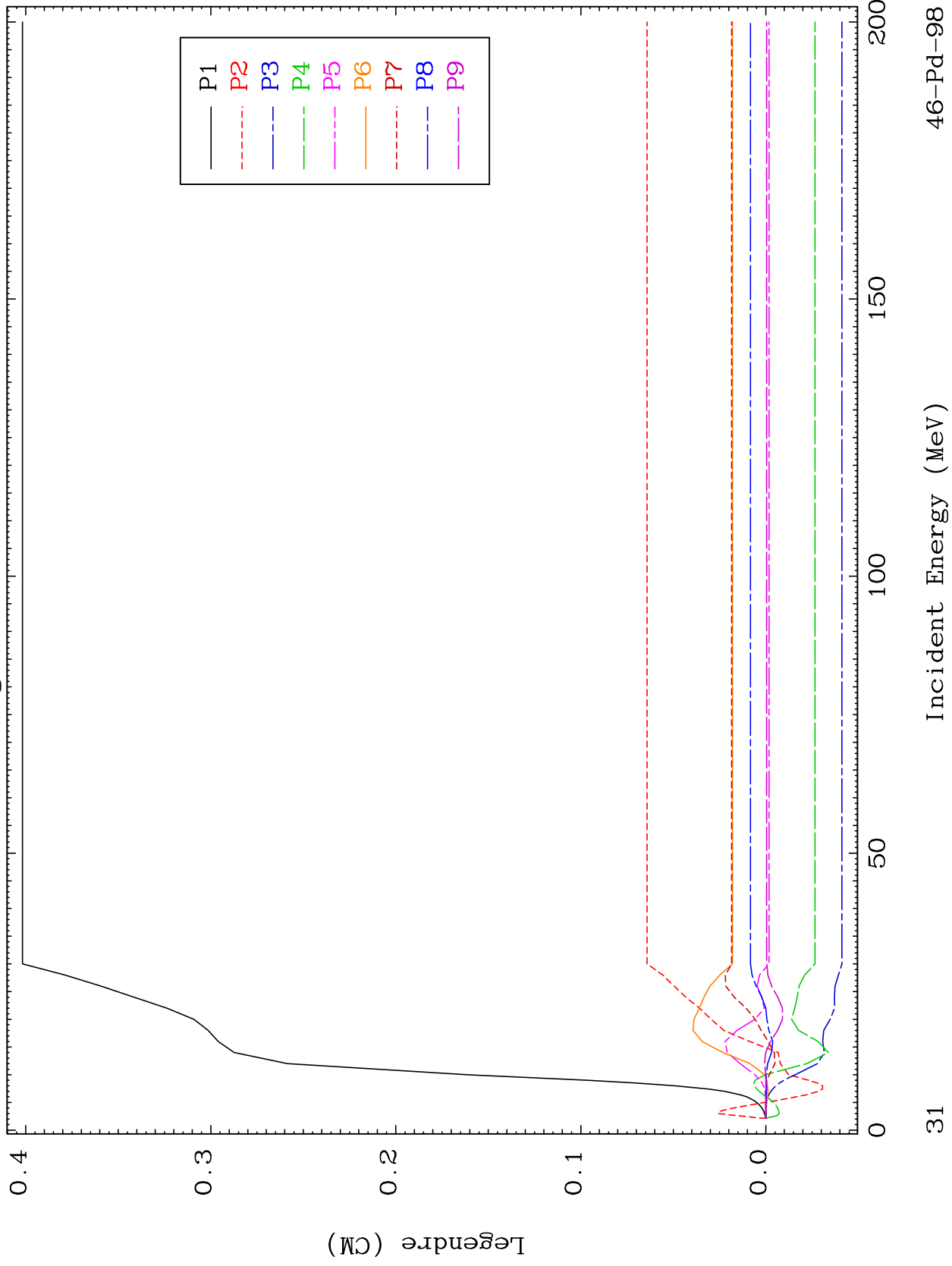




MAT 4613

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

46-Pd-98



31

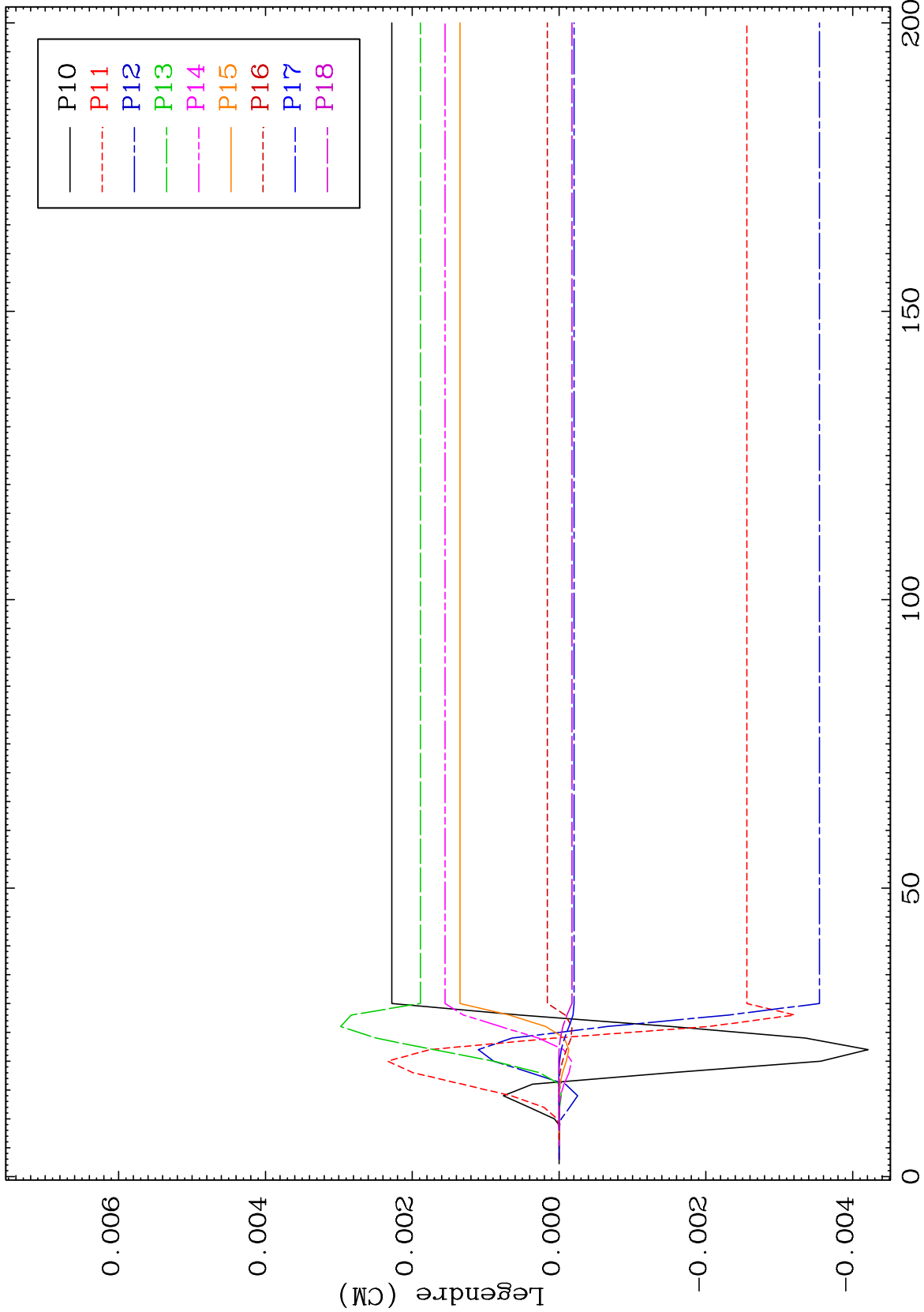
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

46-Pd-98



32

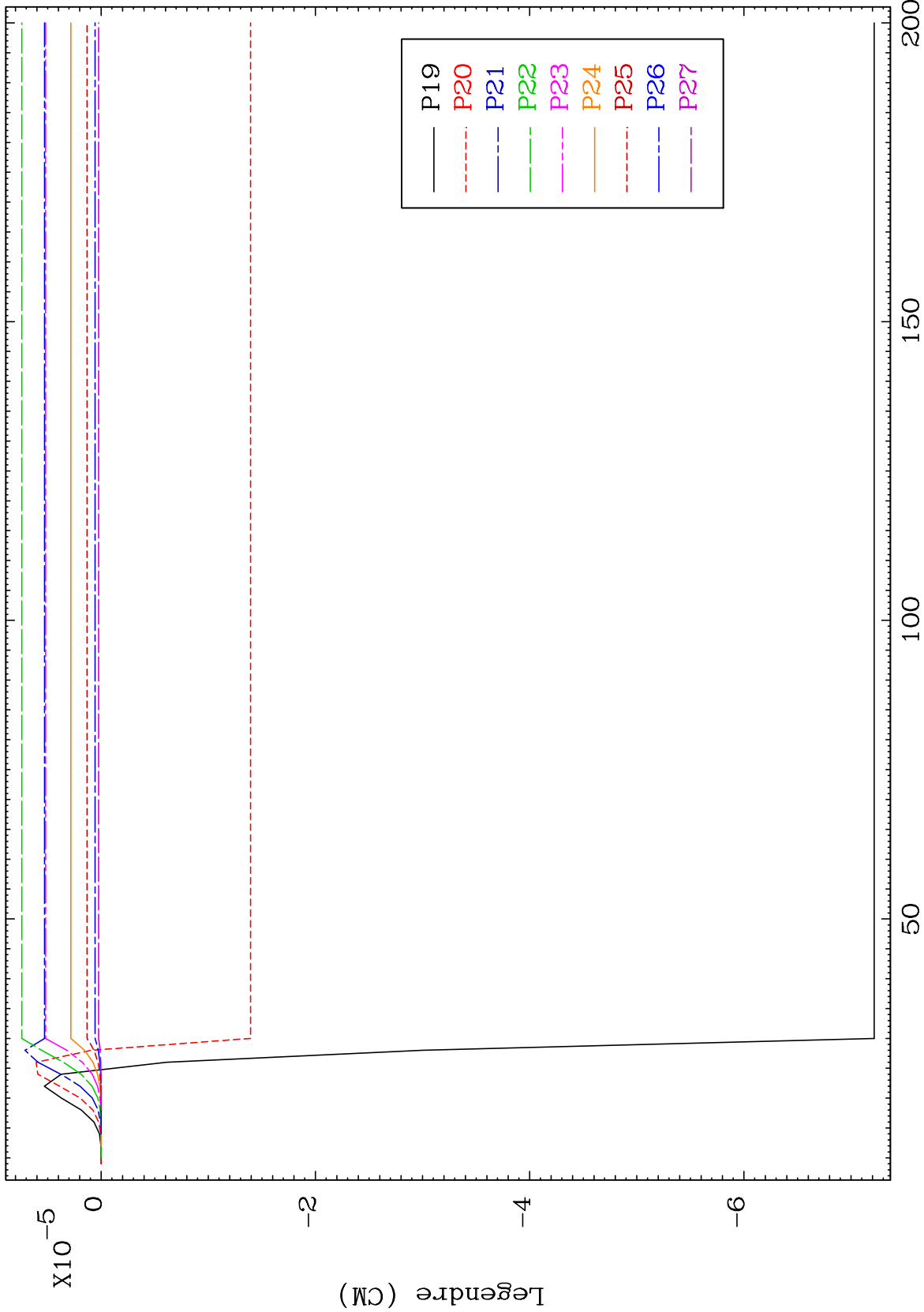
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

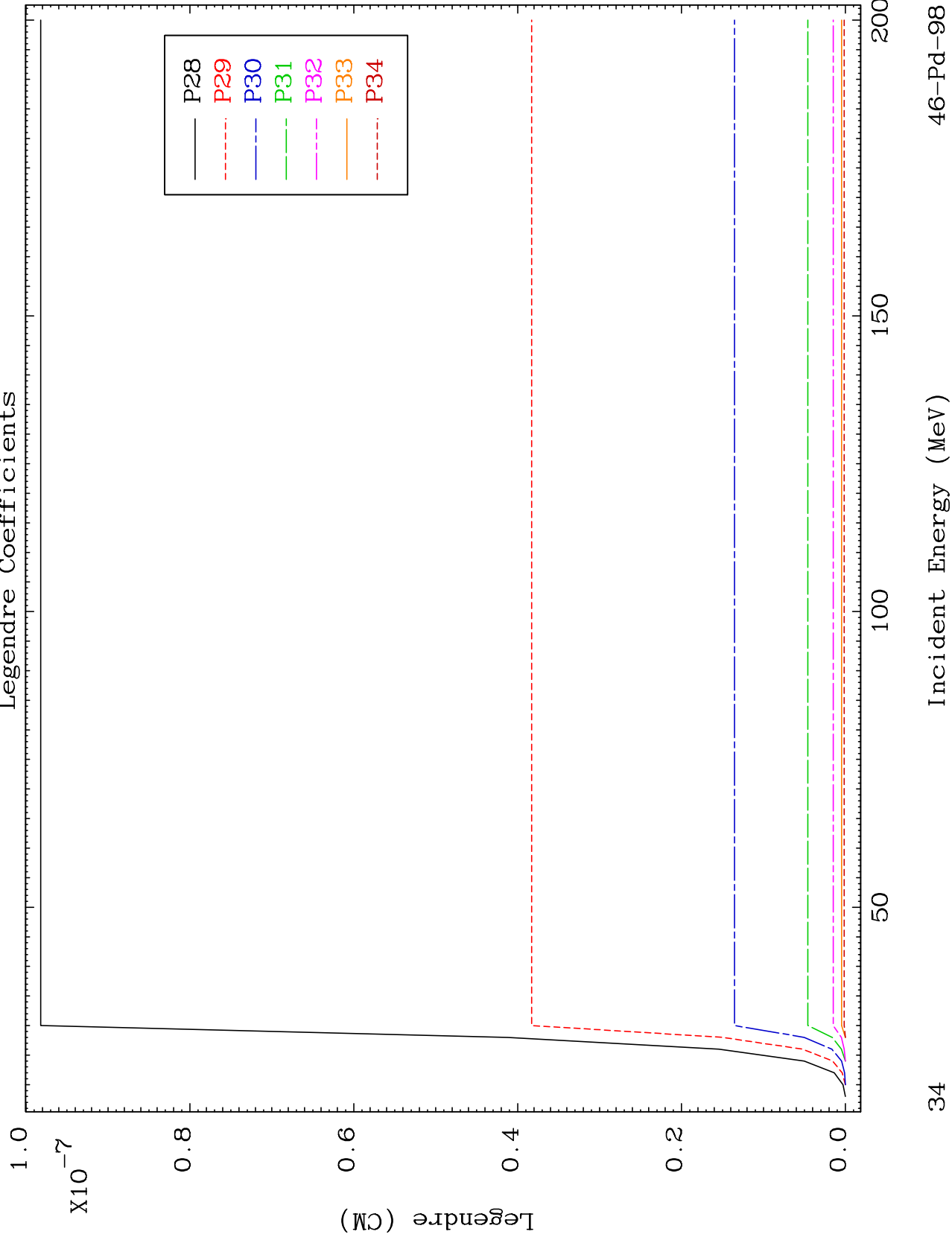
46-Pd-98



MAT 4613

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

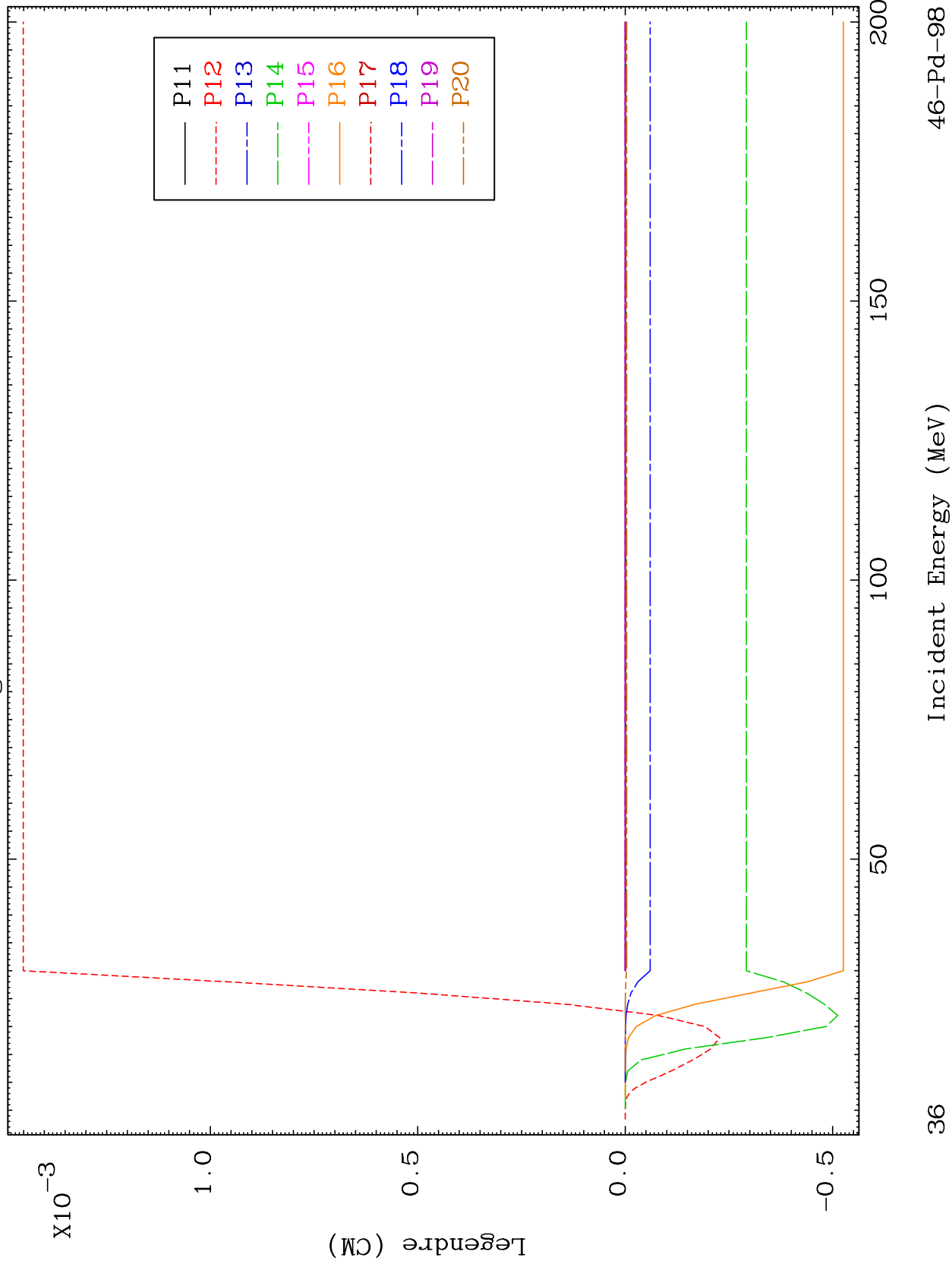
46-Pd-98



MAT 4613

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

46-Pd-98



36

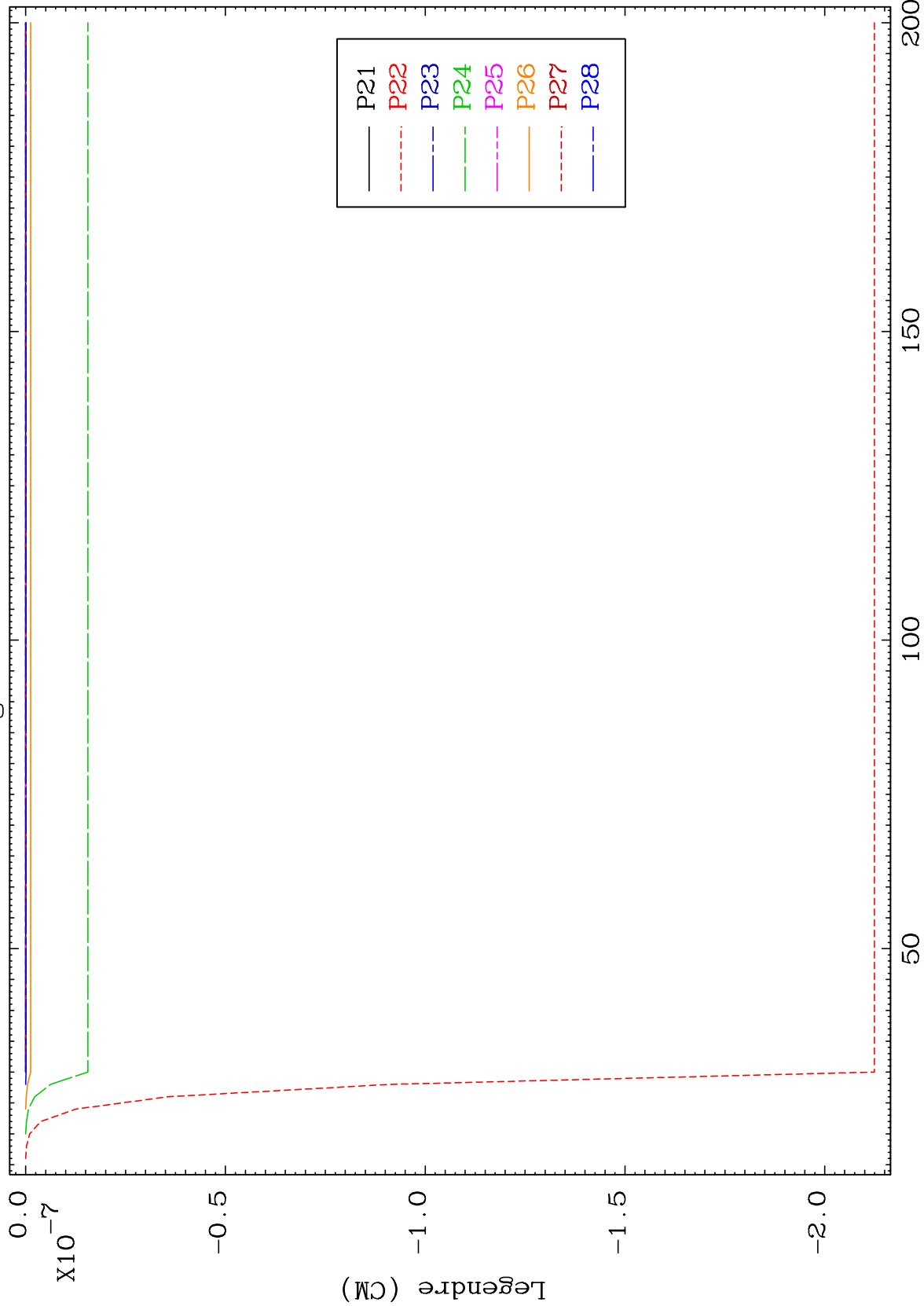
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

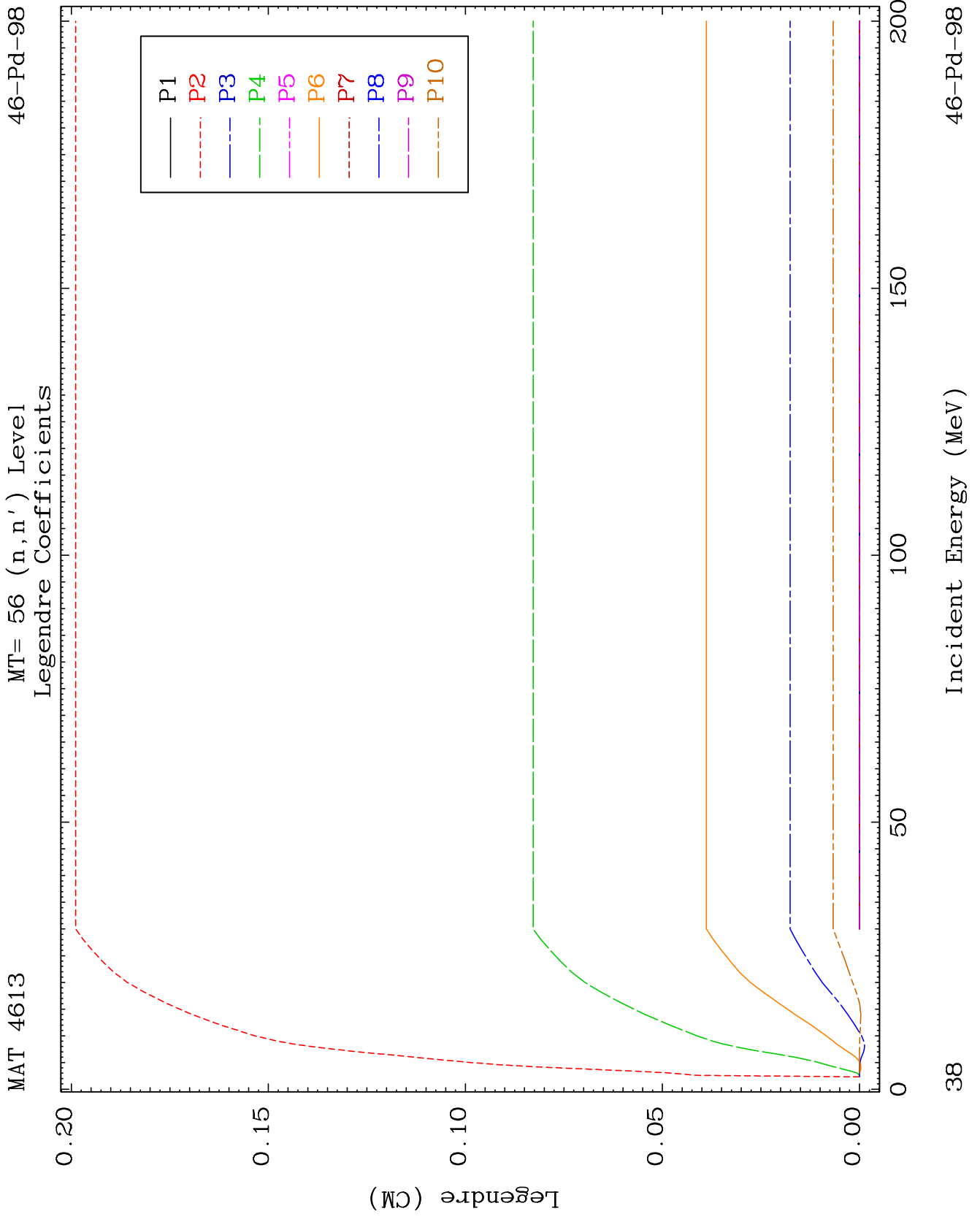
46-Pd-98



46-Pd-98

Incident Energy (MeV)

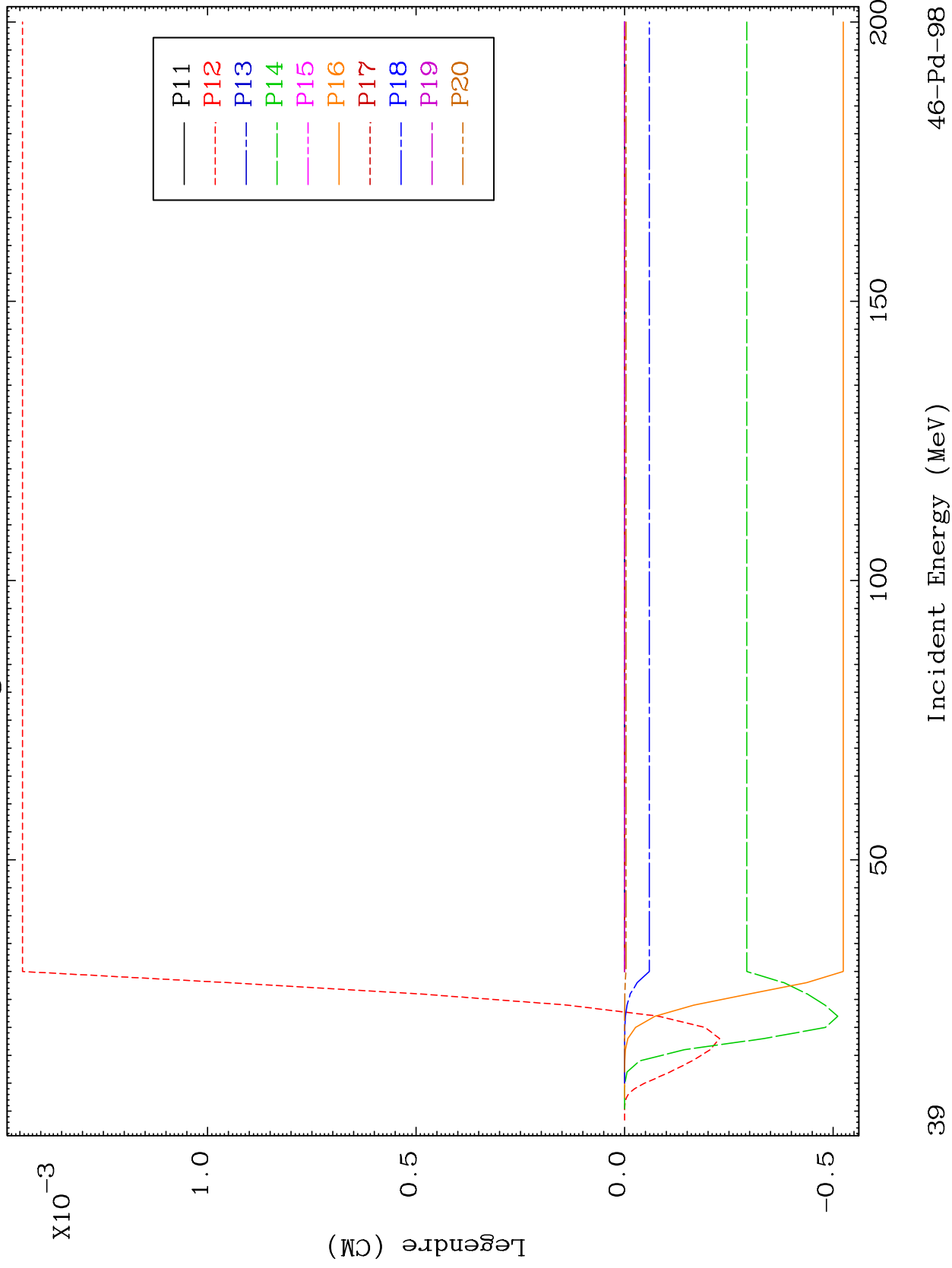
37



MAT 4613

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

46-Pd-98



39

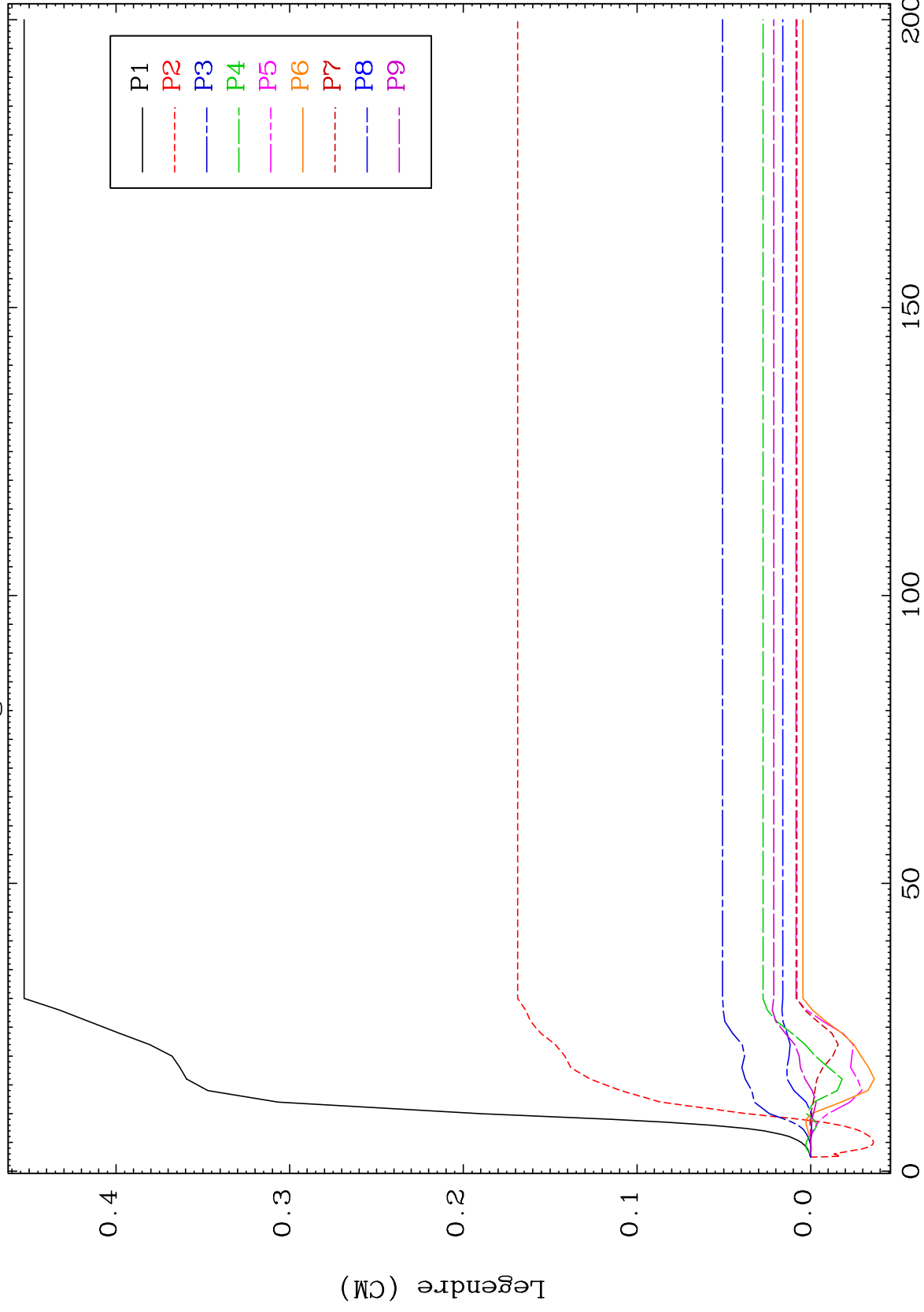
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

46-Pd-98



41

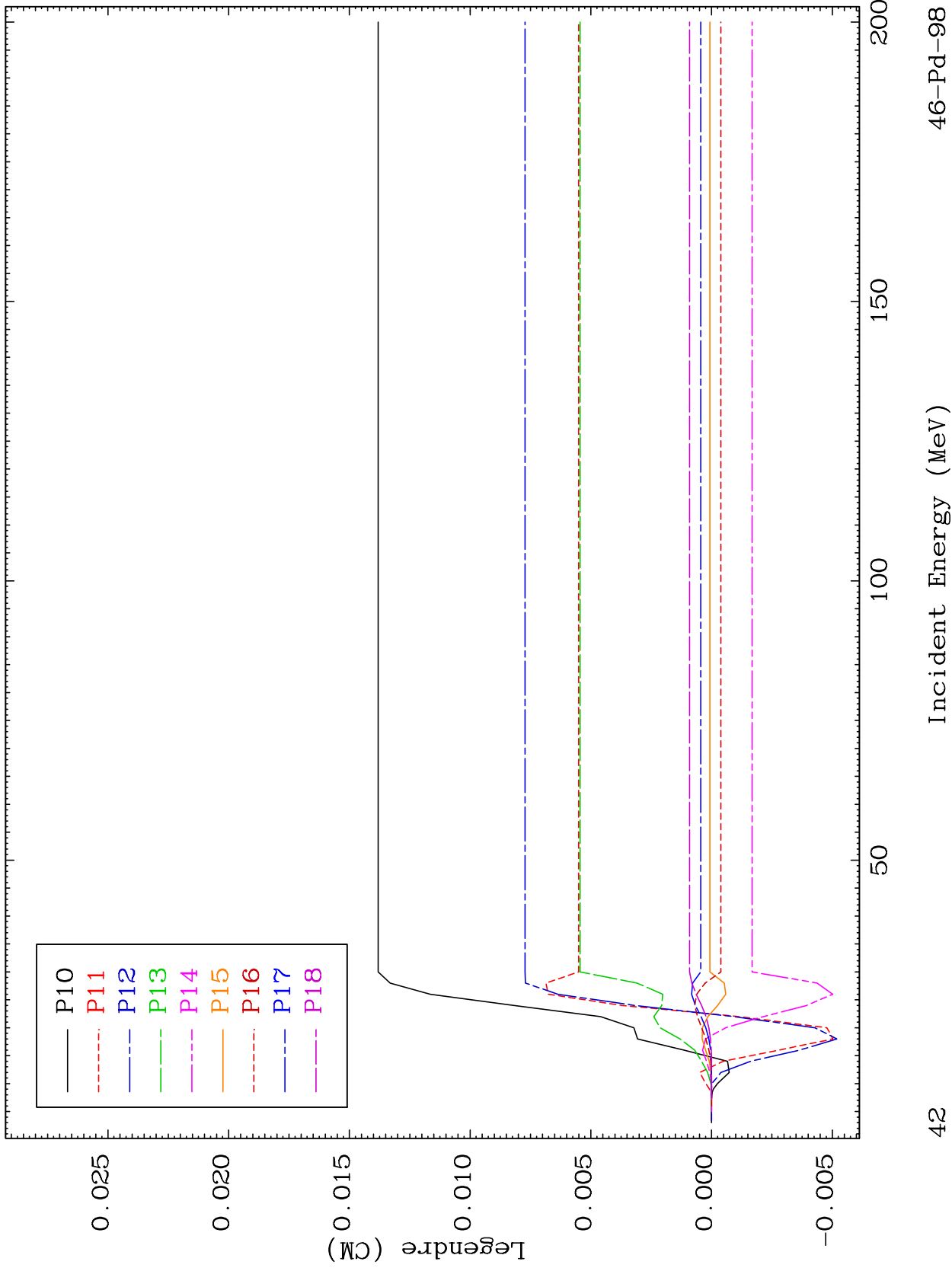
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

46-Pd-98



42

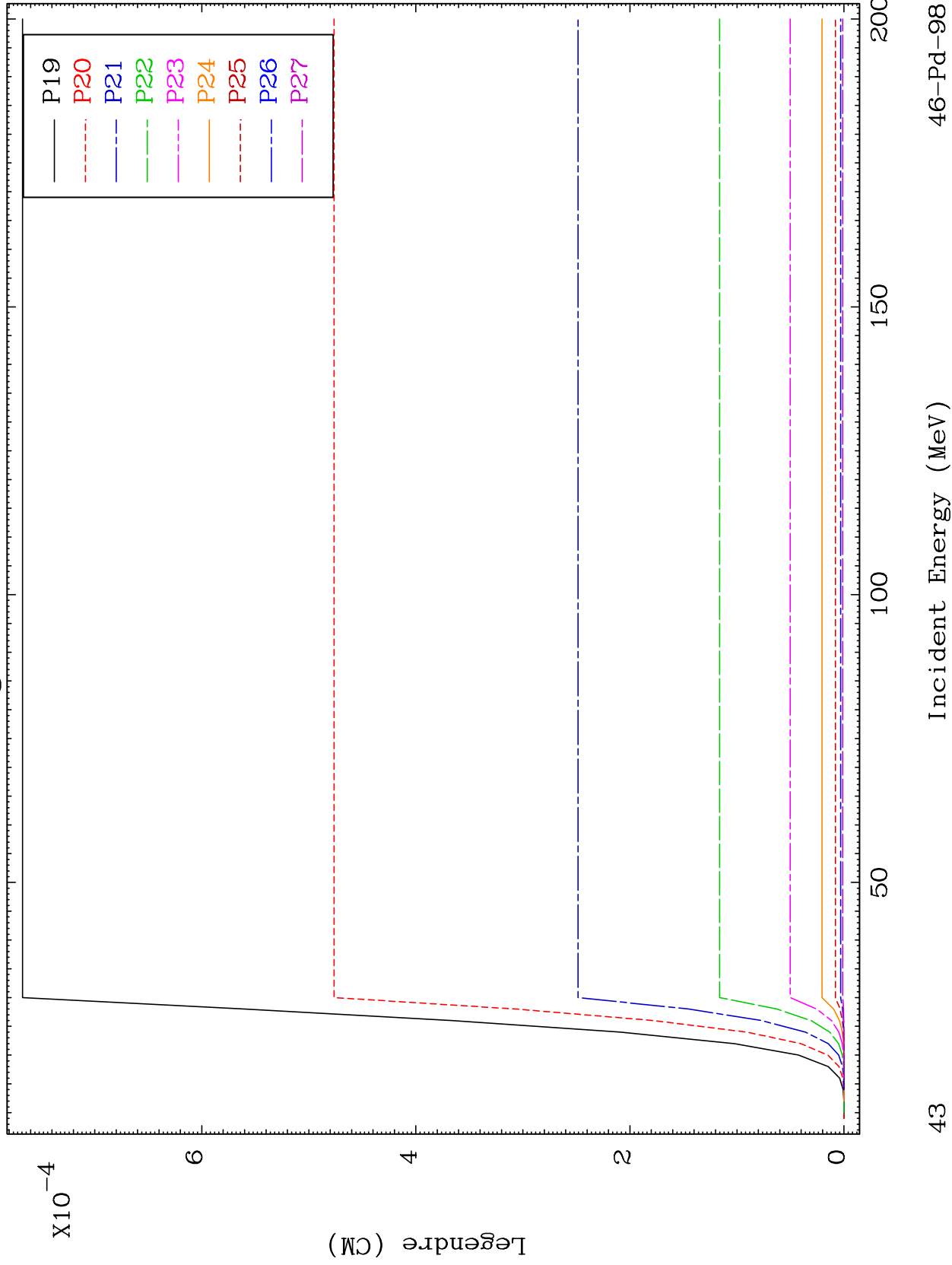
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

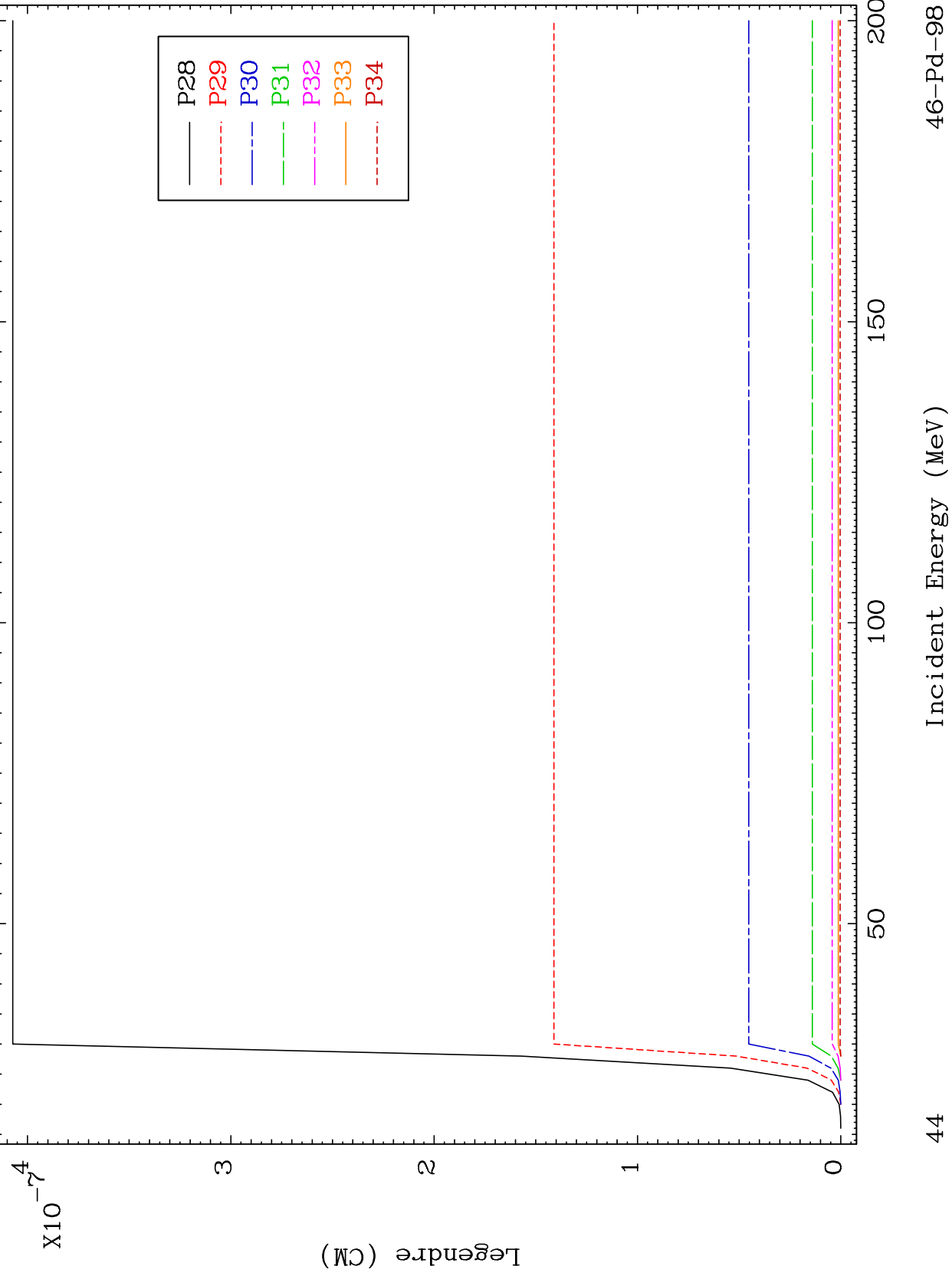
46-Pd-98

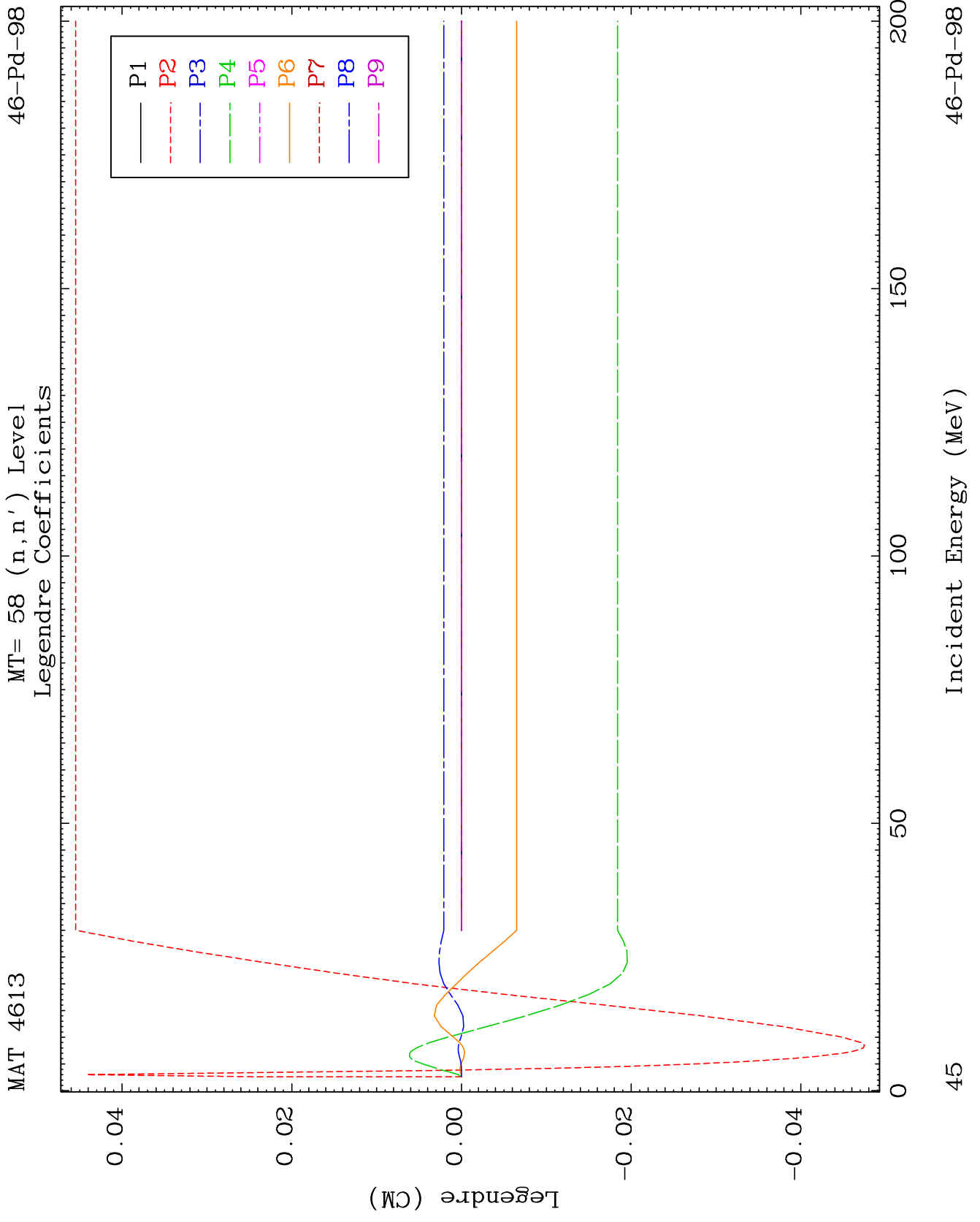


MAT 4613

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

46-Pd-98

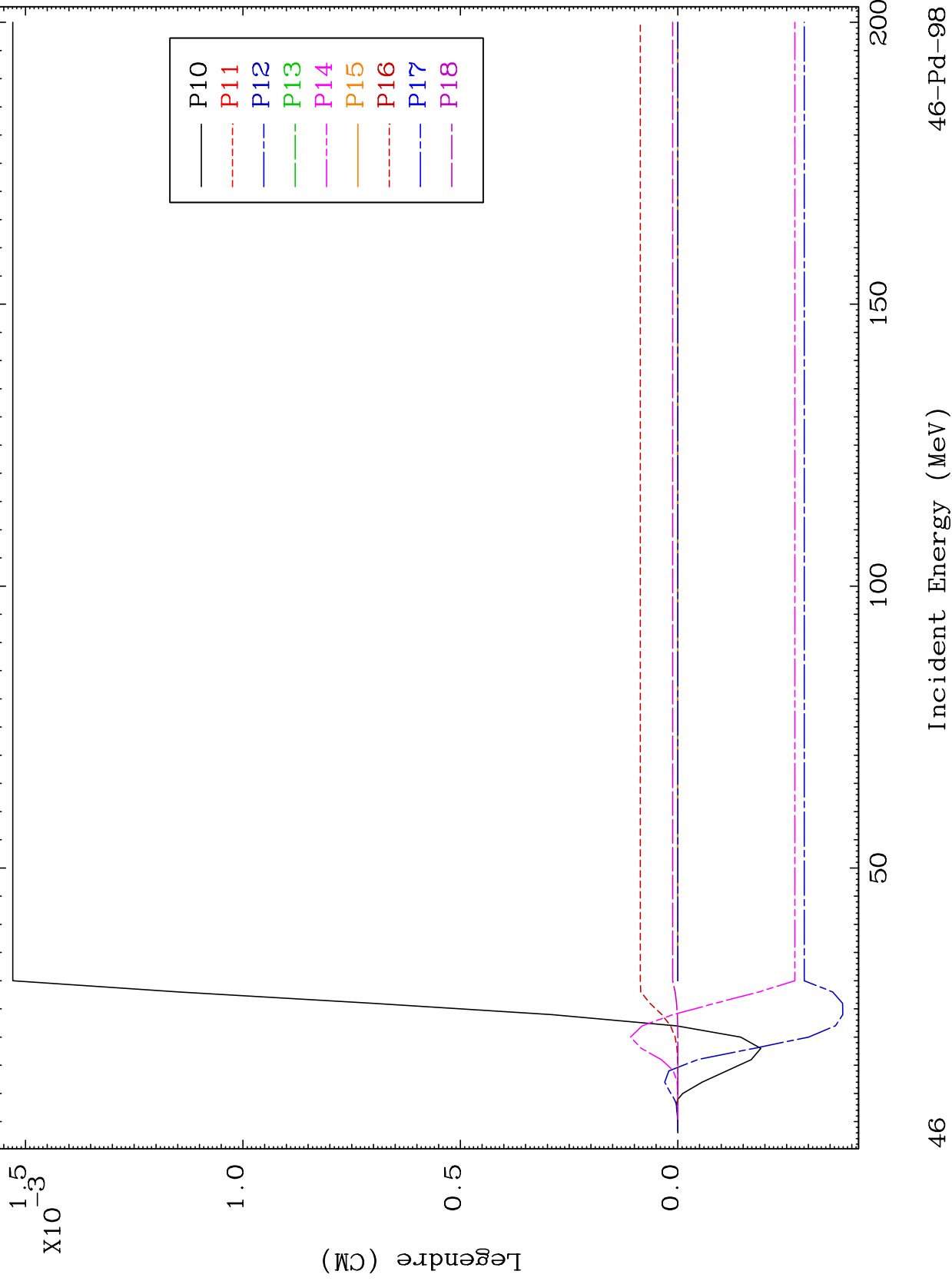




MAT 4613

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

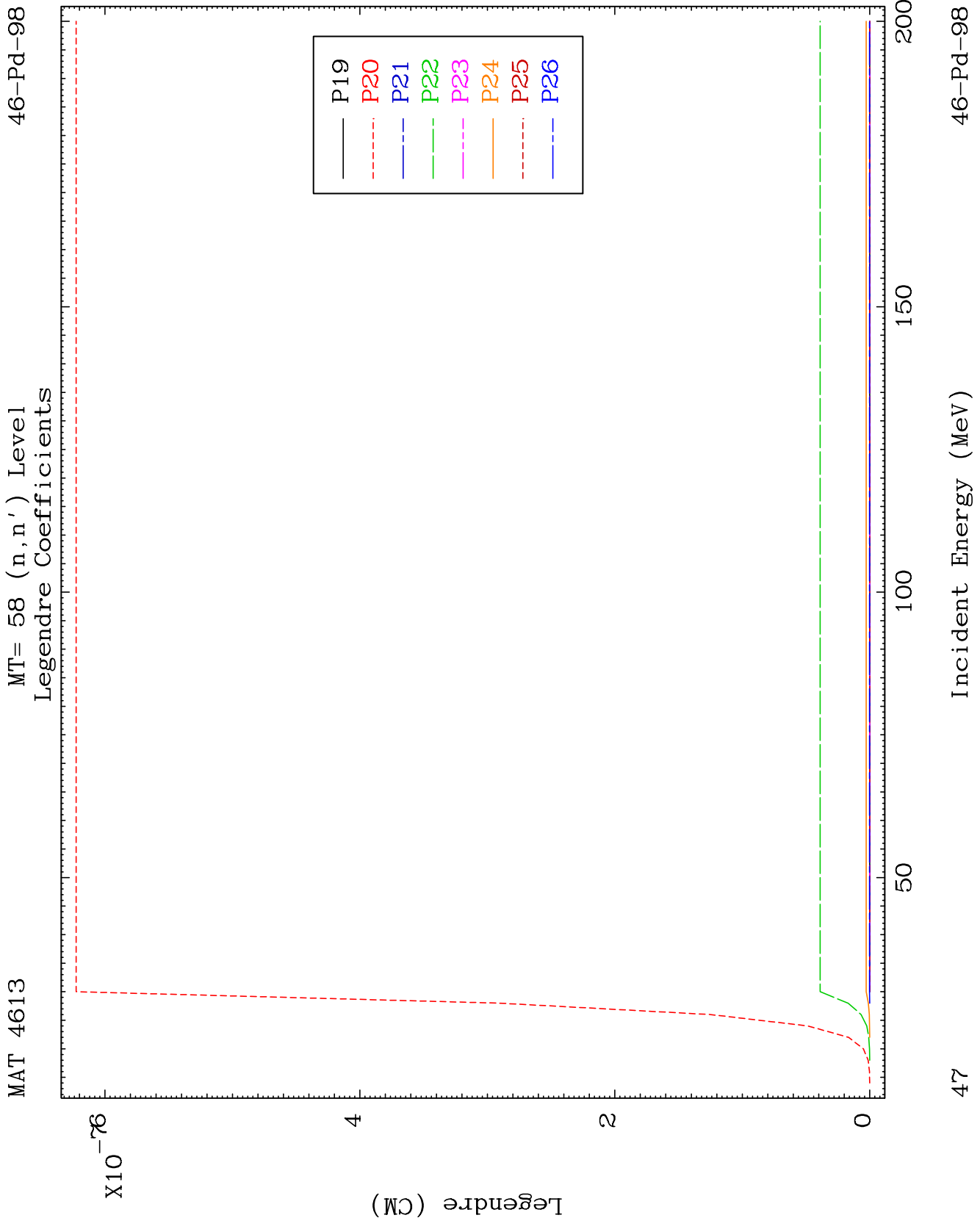
46-Pd-98

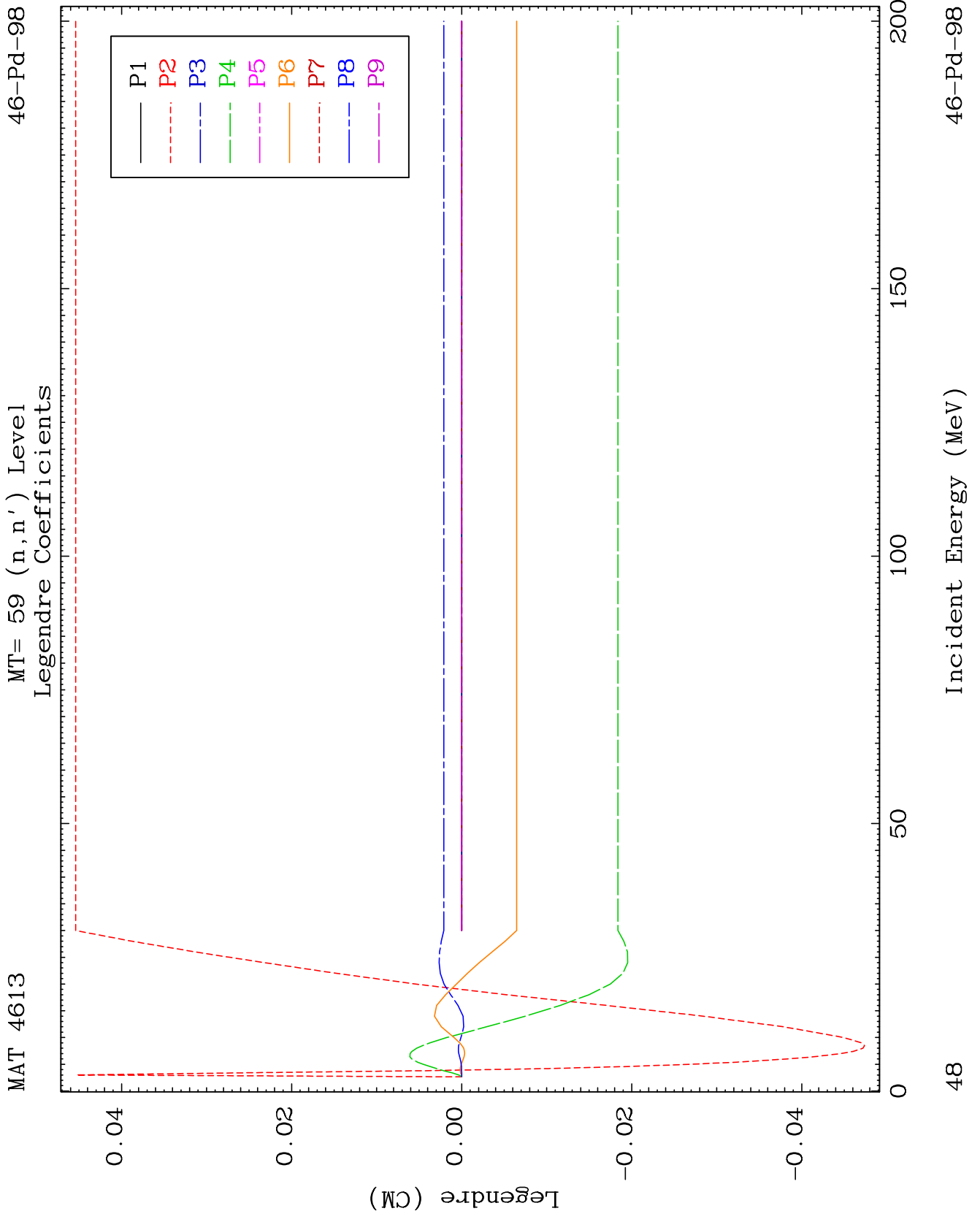


46

Incident Energy (MeV)

46-Pd-98

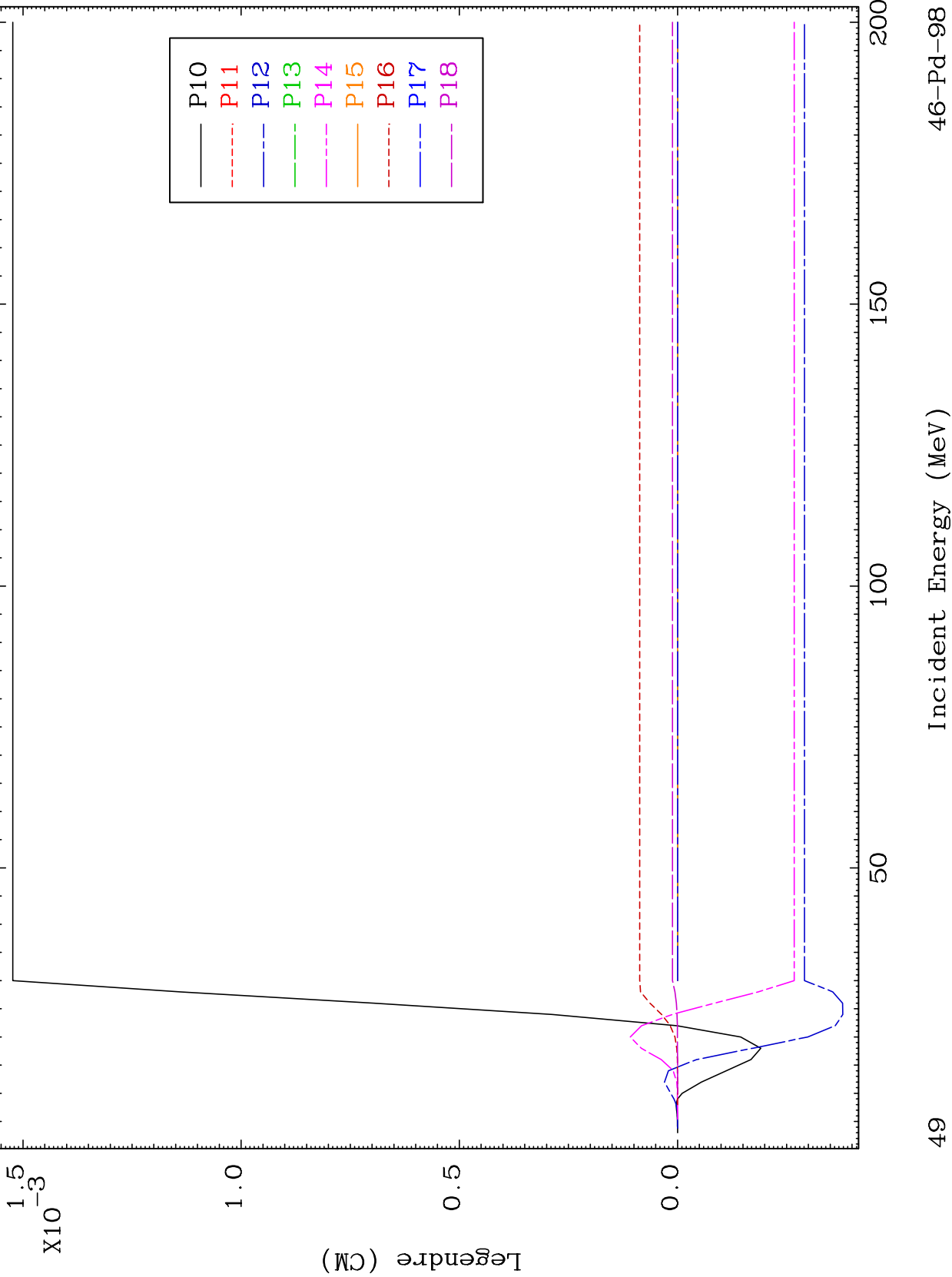




MAT 4613

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

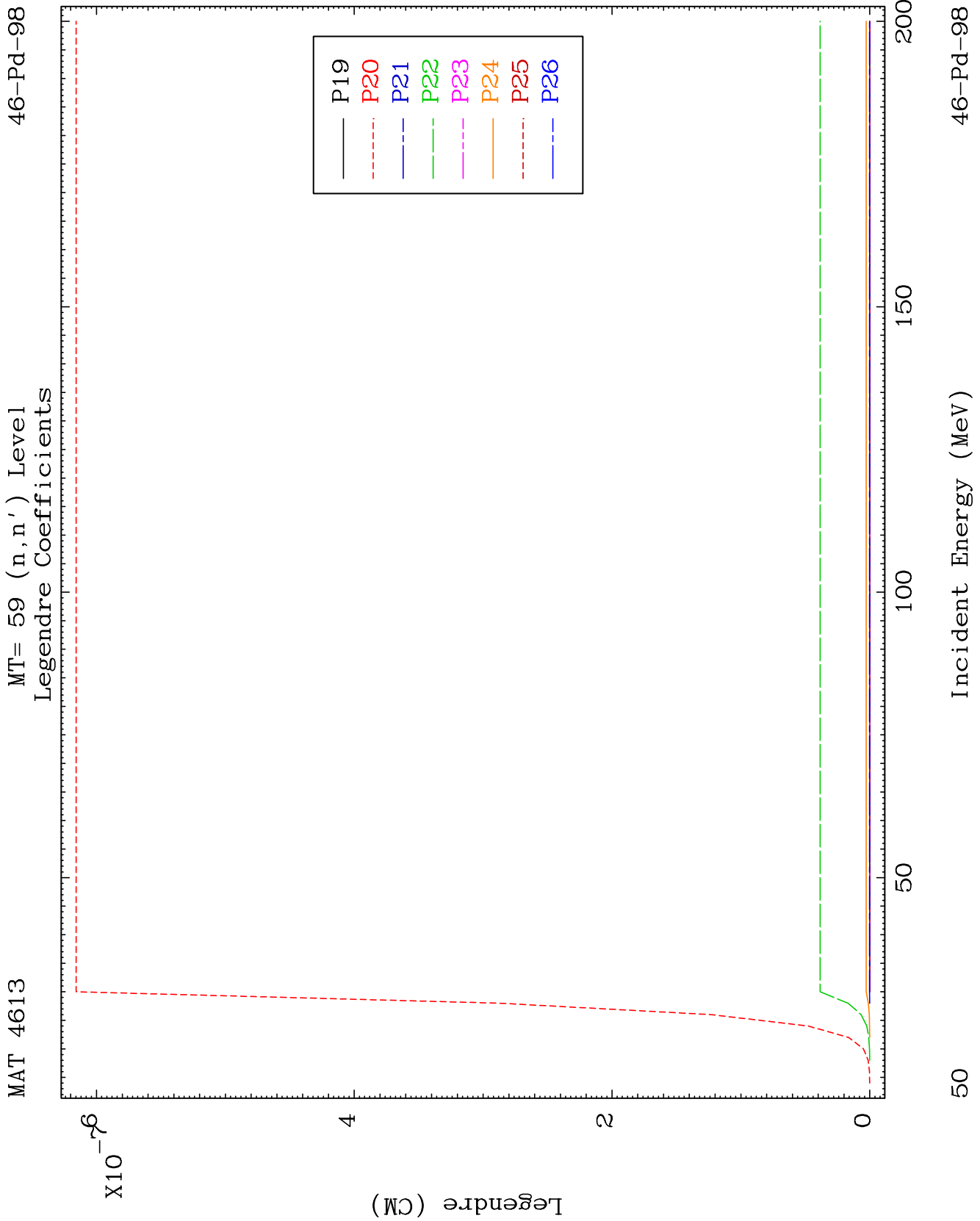
46-Pd-98



49

Incident Energy (MeV)

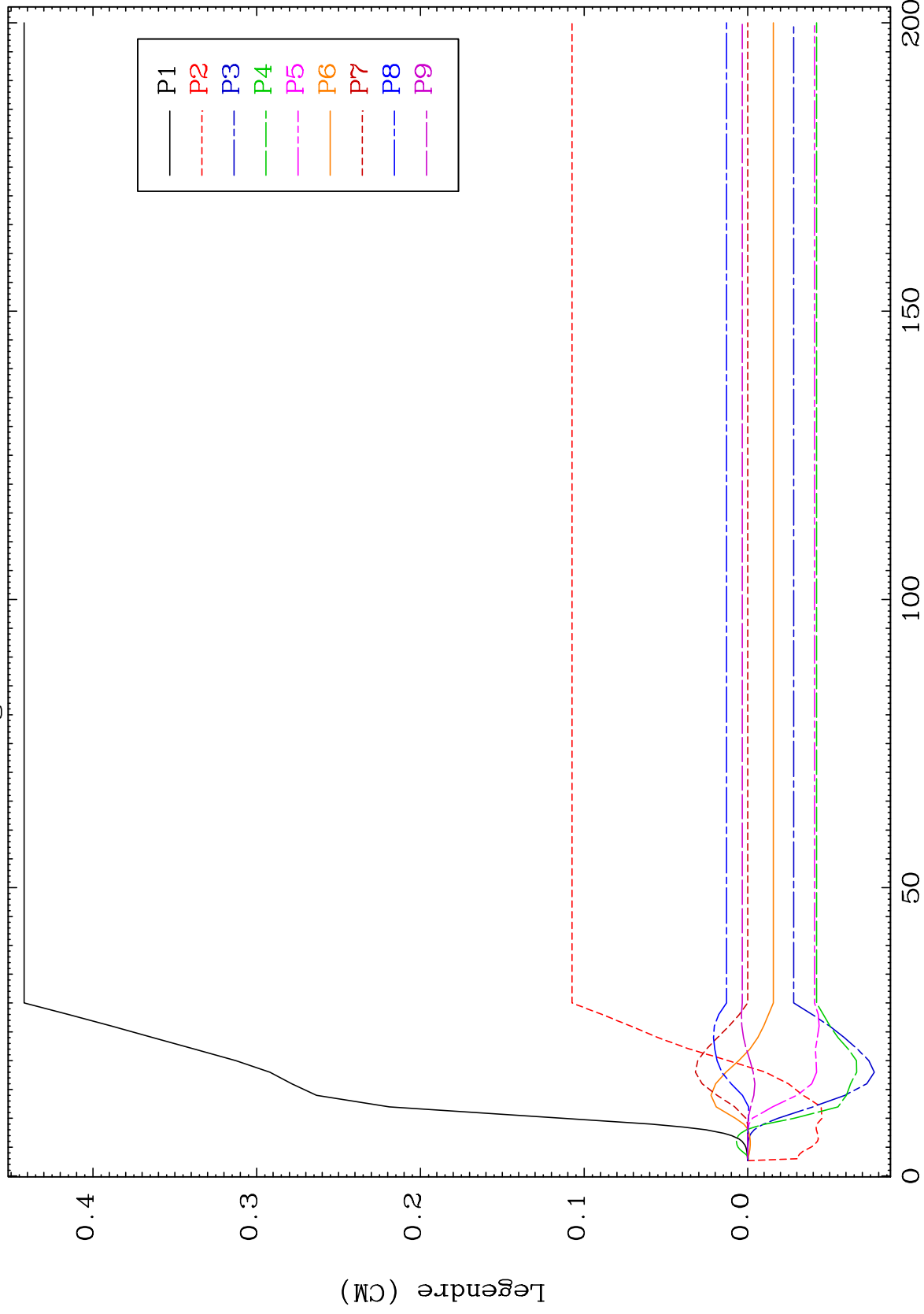
46-Pd-98



MAT 4613

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

46-Pd-98



51

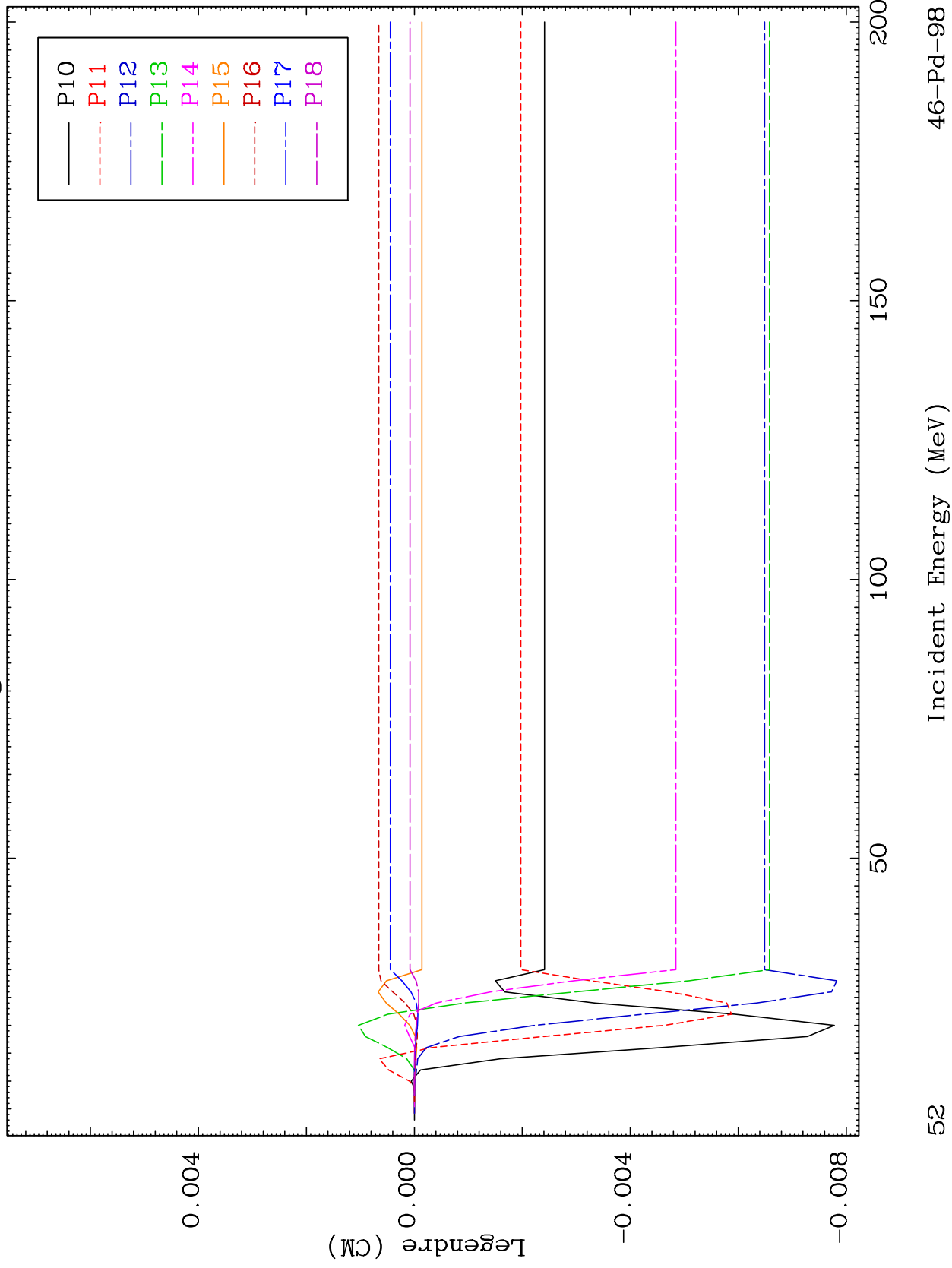
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

46-Pd-98



52

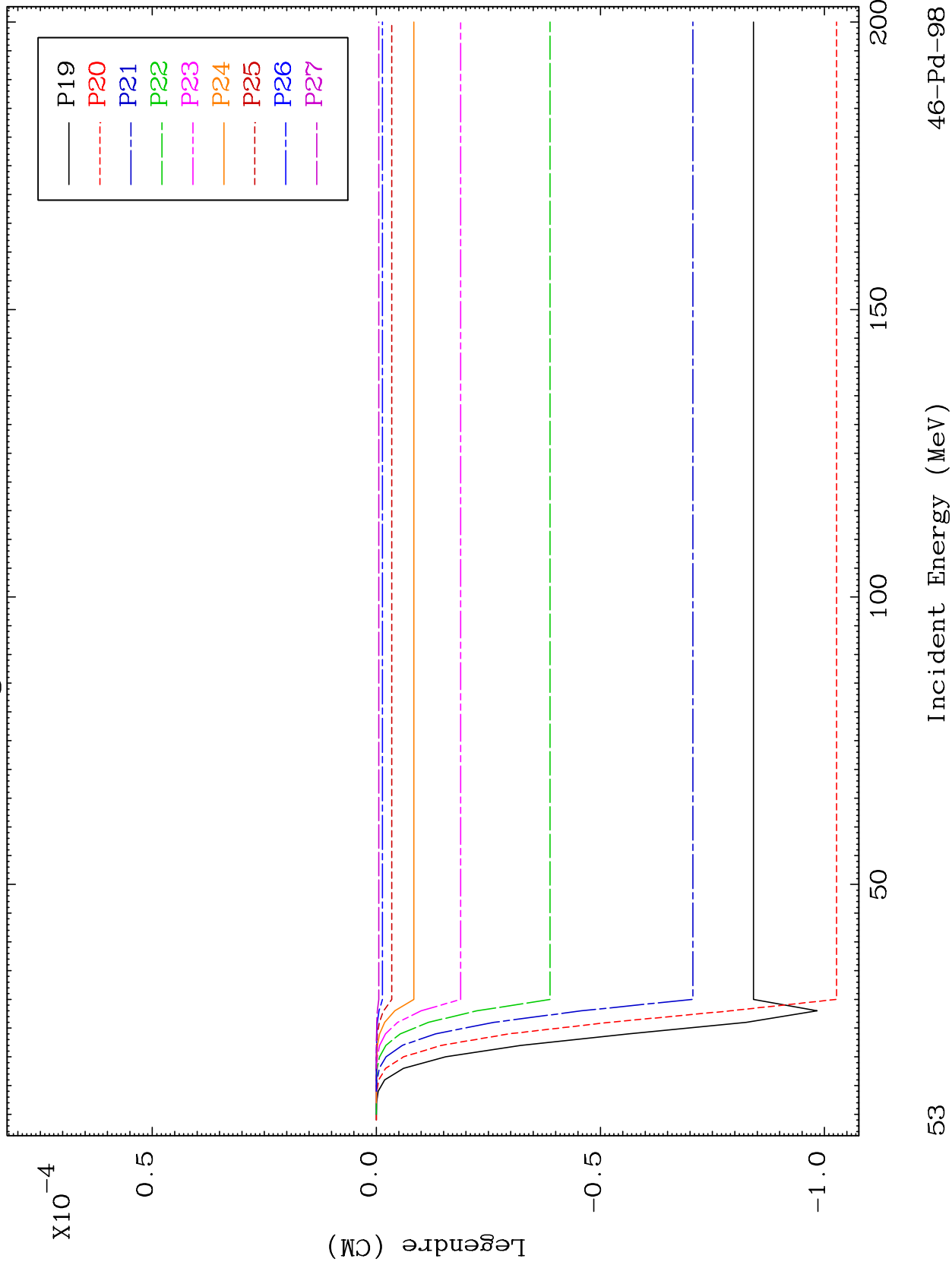
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

46-Pd-98



53

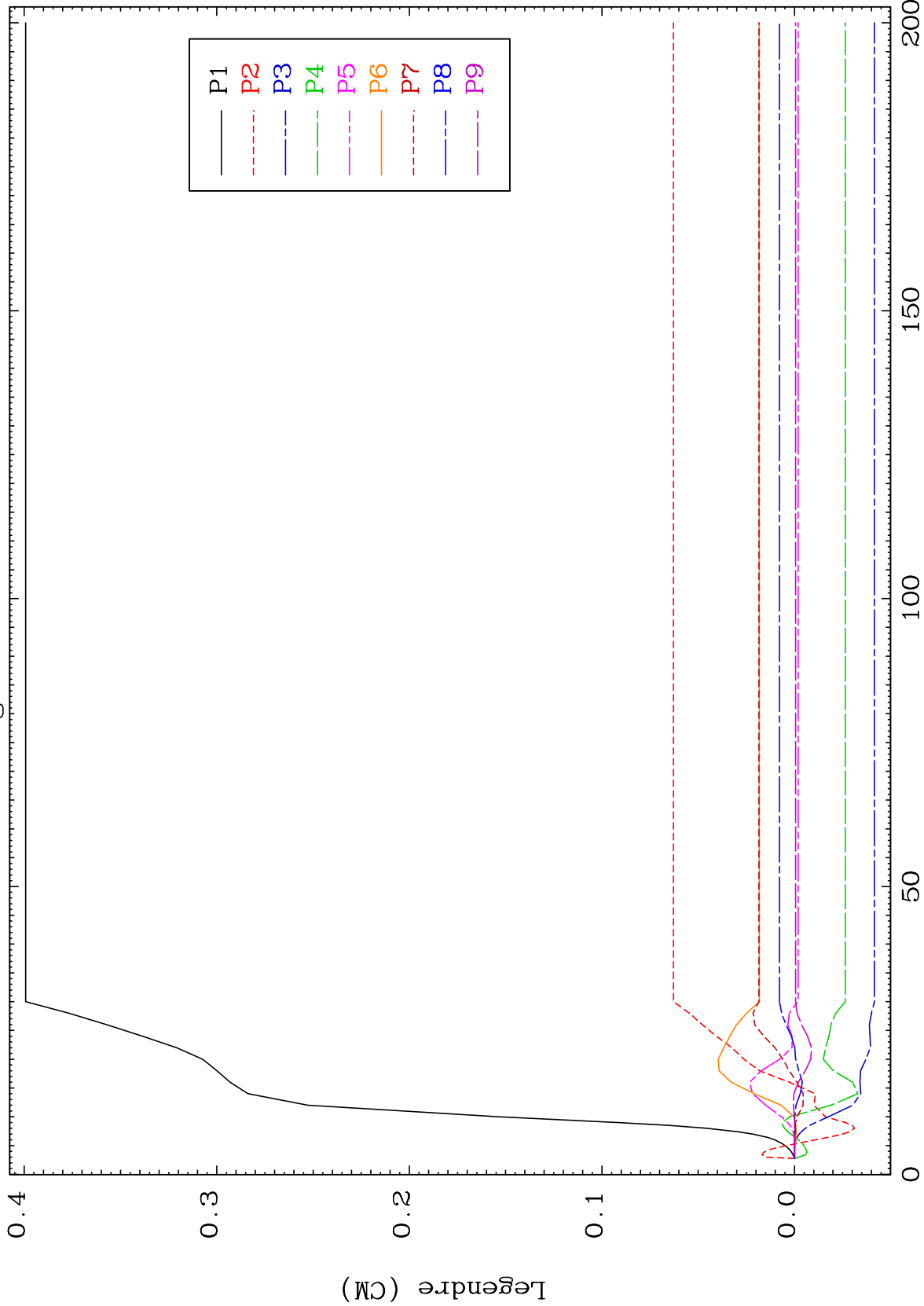
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

46-Pd-98



55

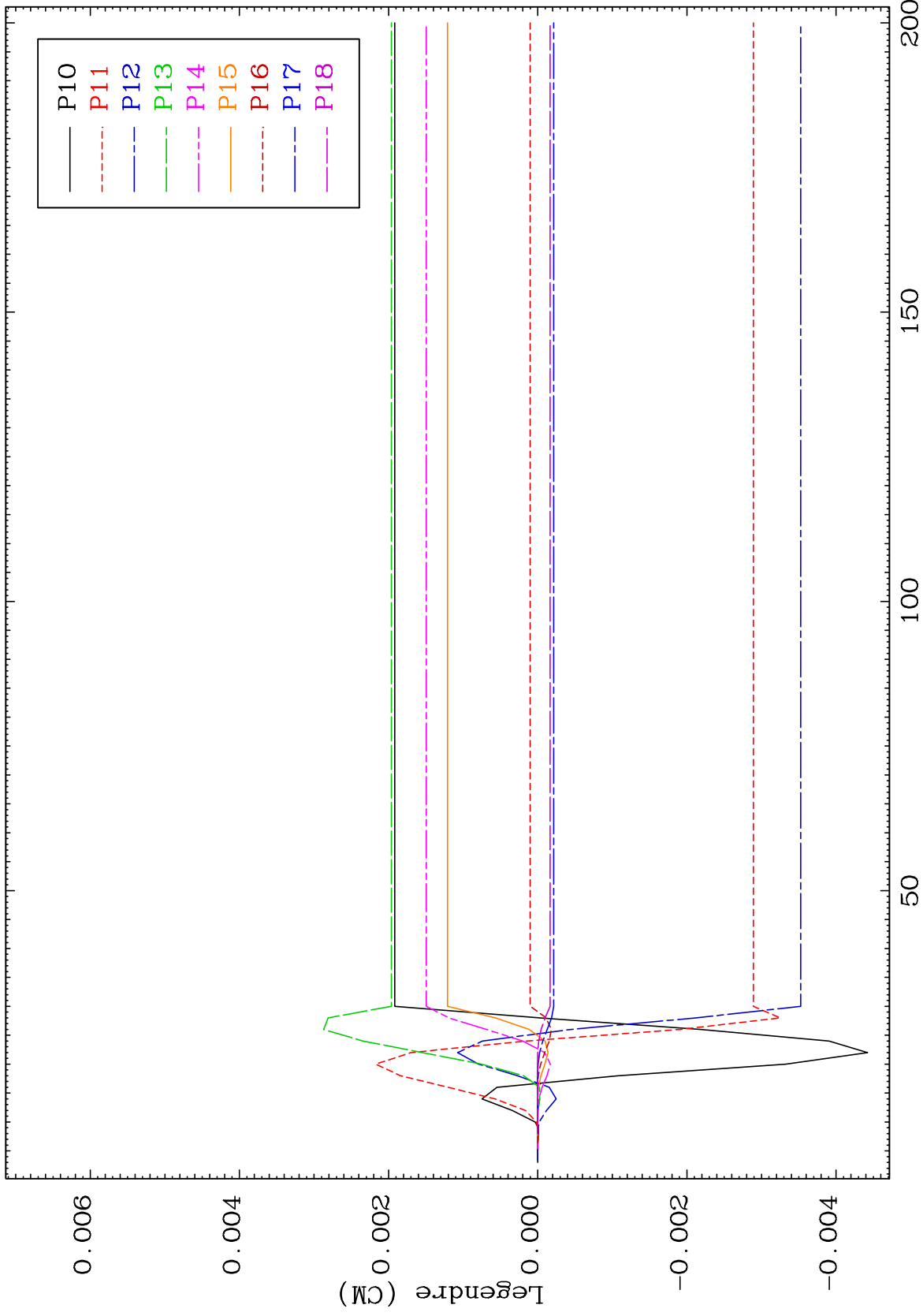
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

46-Pd-98



56

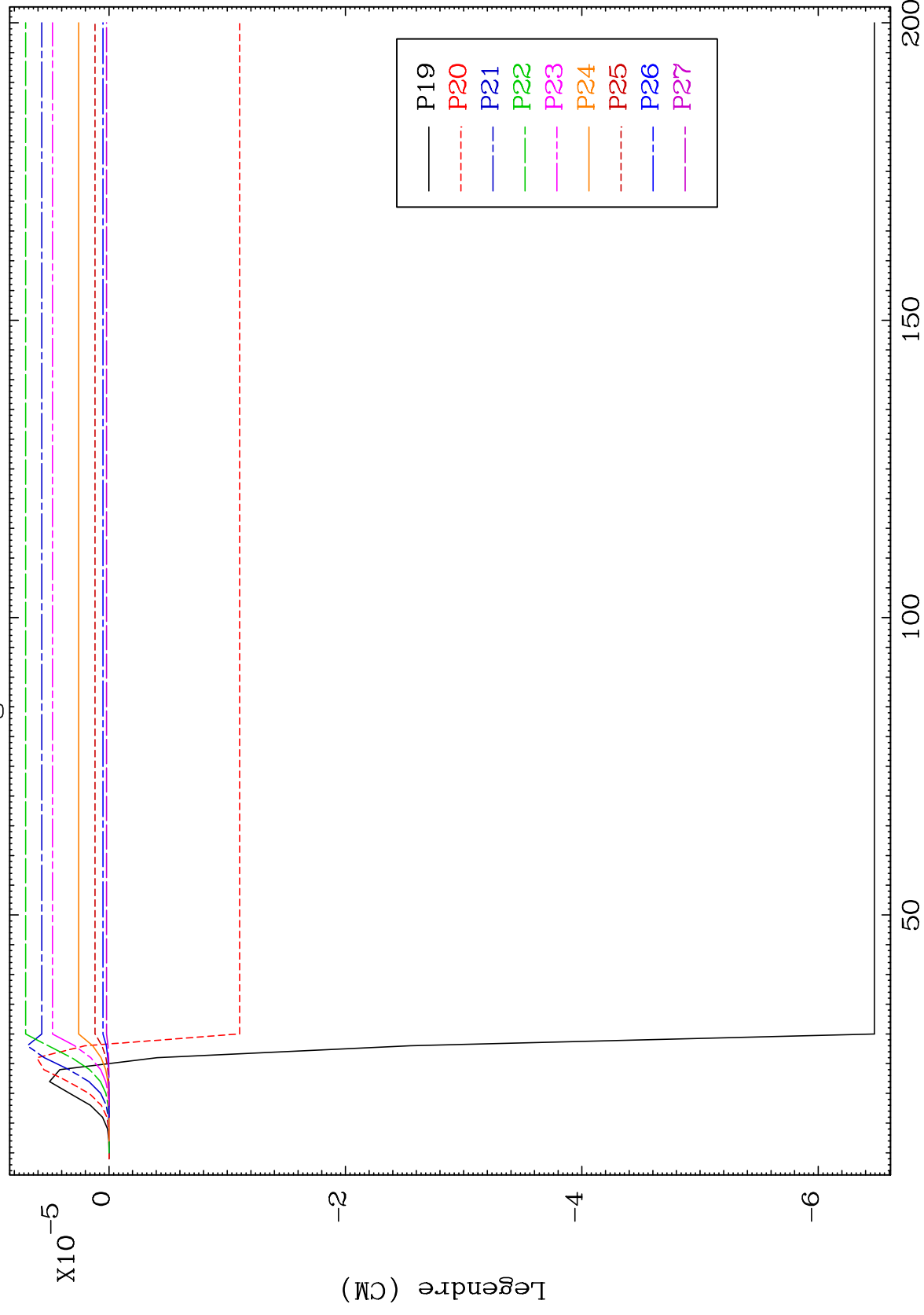
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

46-Pd-98



57

Incident Energy (MeV)

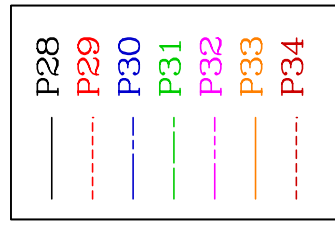
46-Pd-98

MAT 4613

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

46-Pd-98

$\times 10^{-8}$

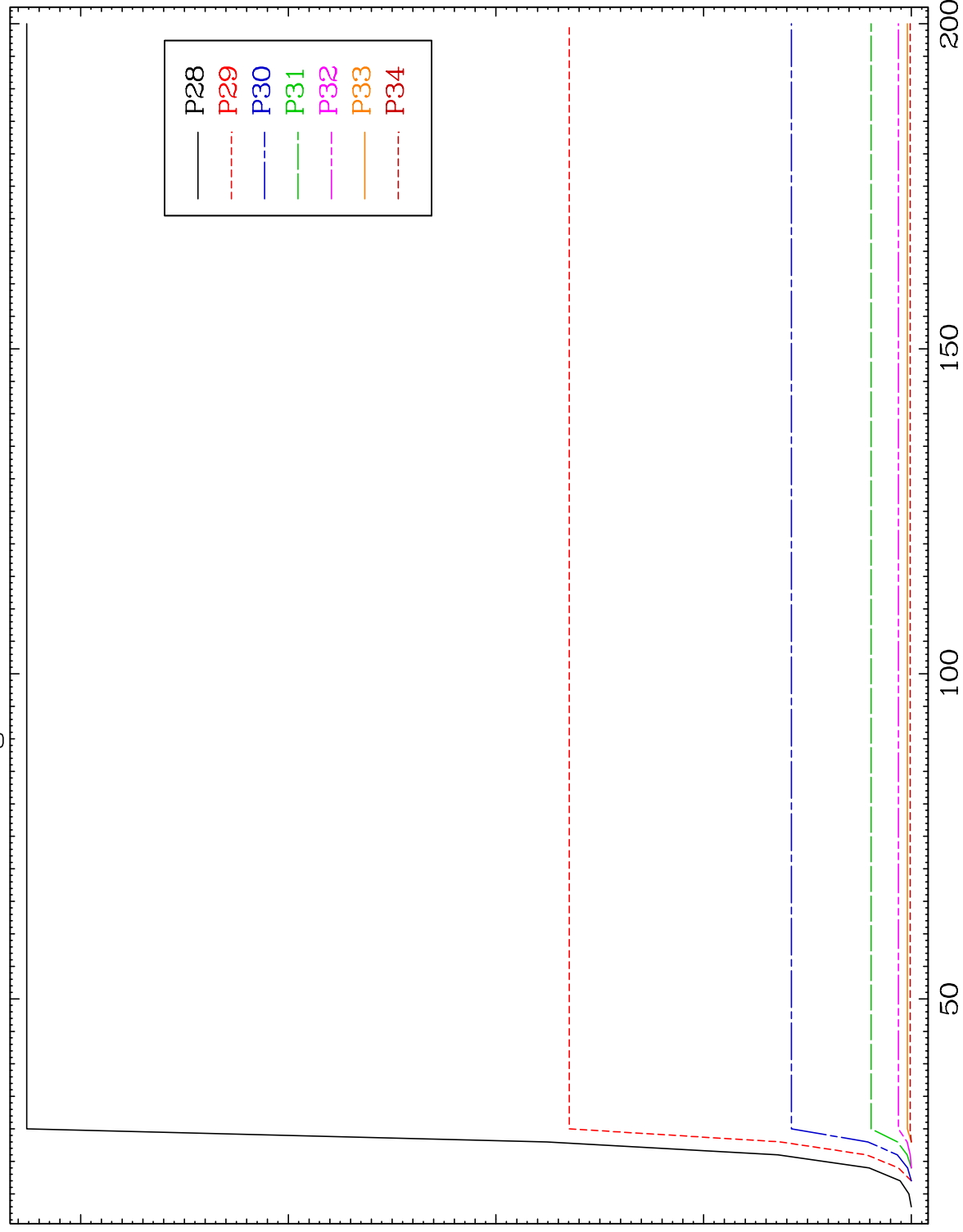


Legendre (CM)

58

Incident Energy (MeV)

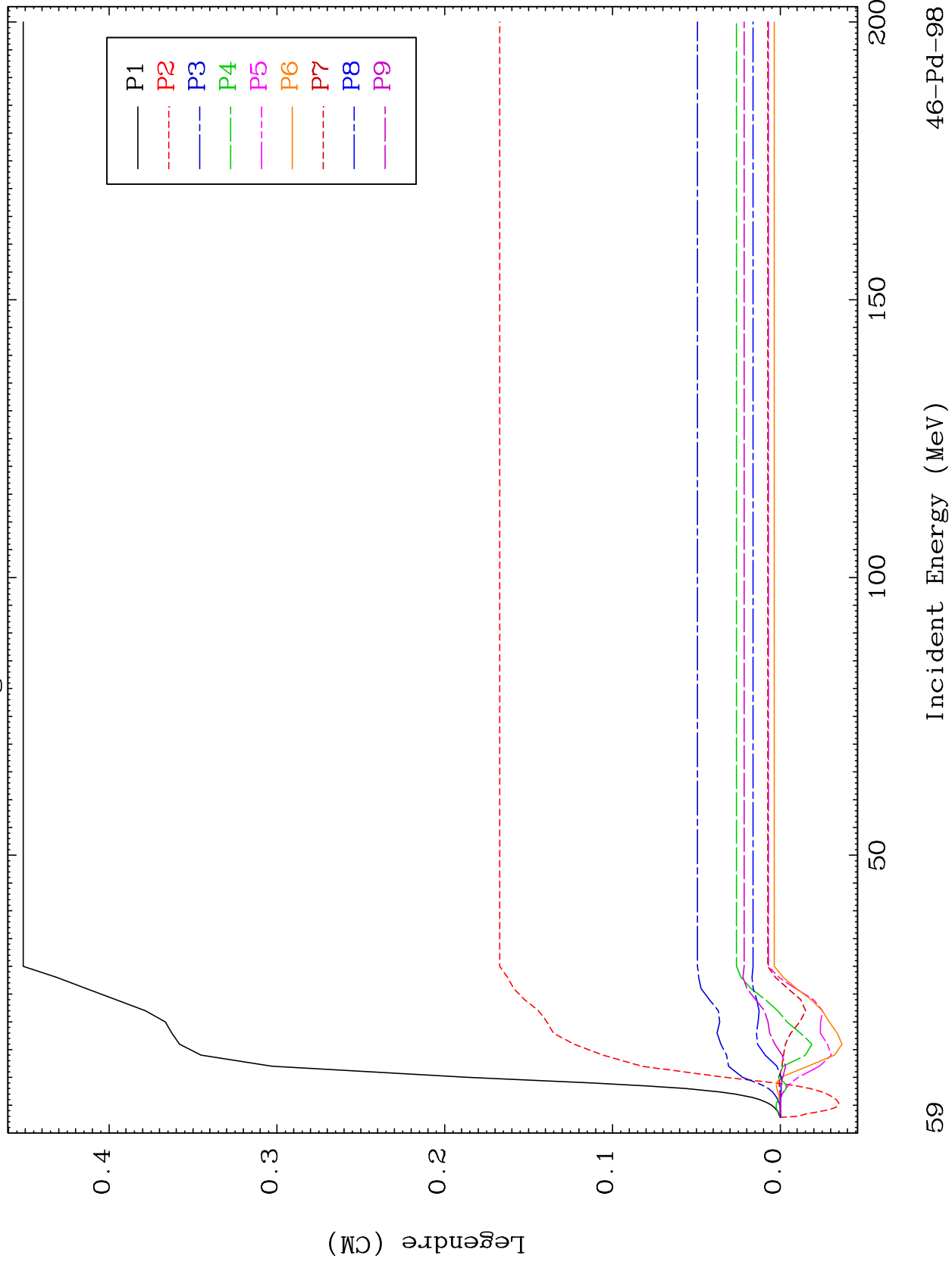
46-Pd-98



MAT 4613

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

46-Pd-98



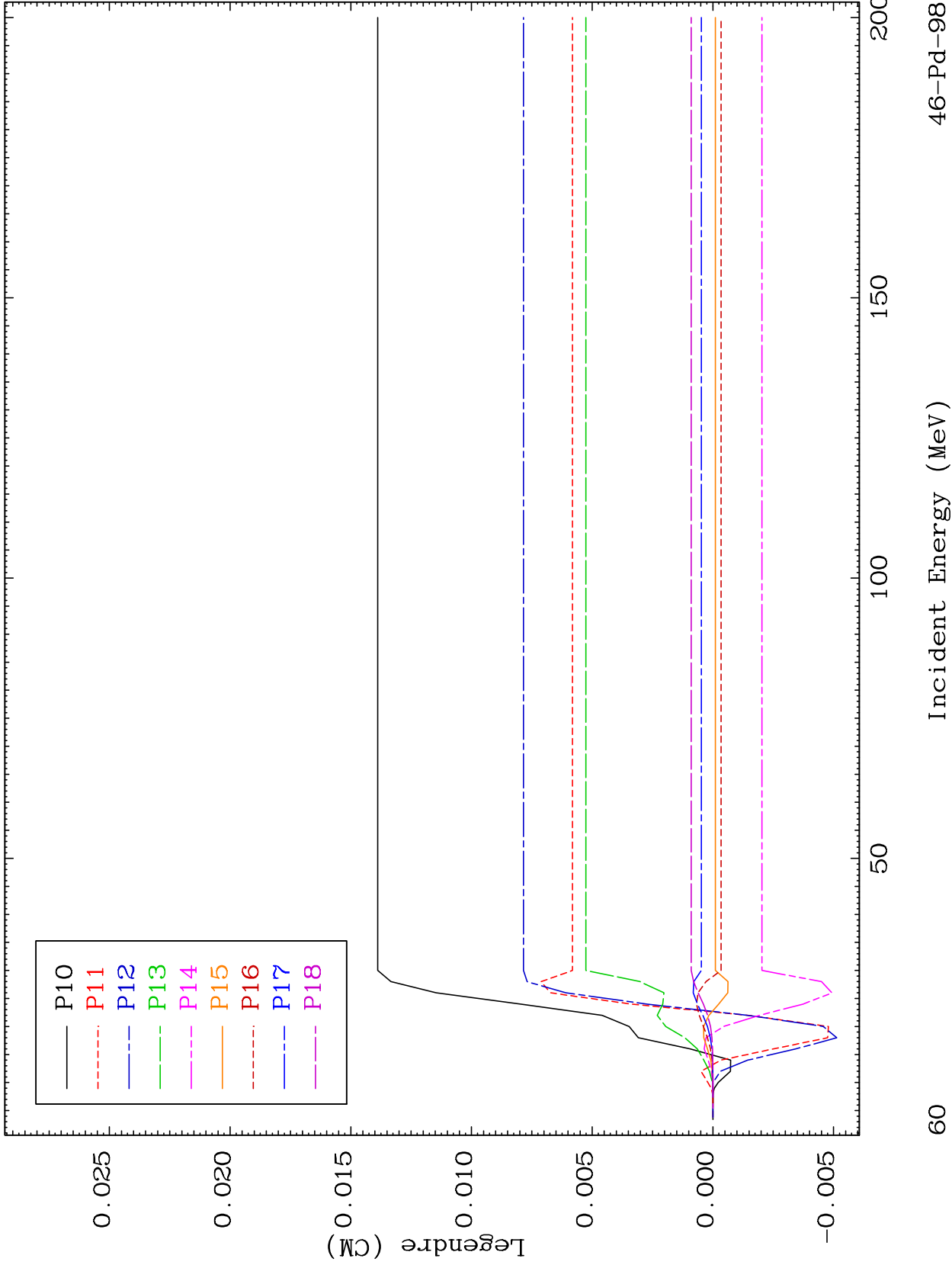
59

46-Pd-98

MAT 4613

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

46-Pd-98

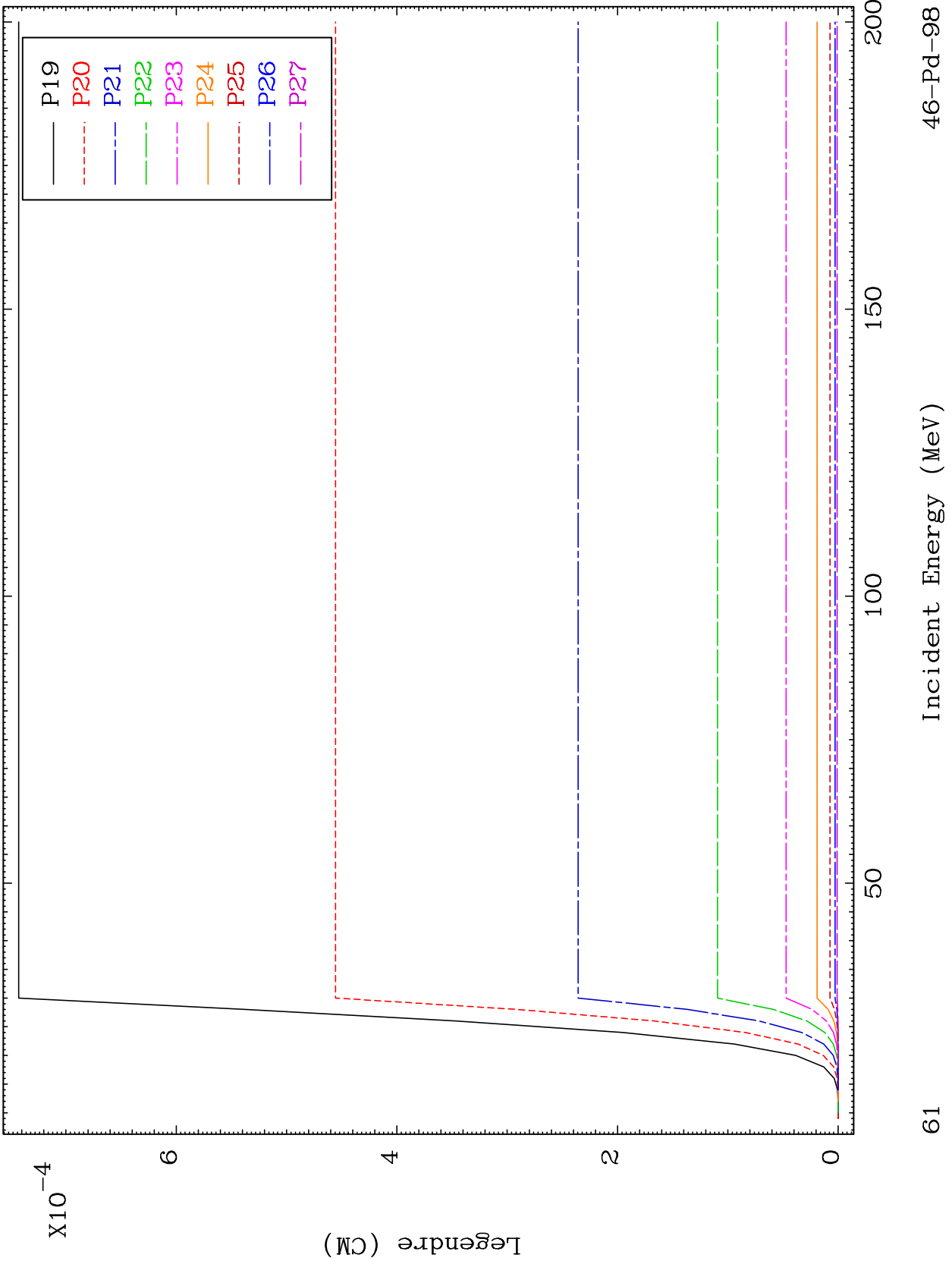


60

Incident Energy (MeV)

46-Pd-98

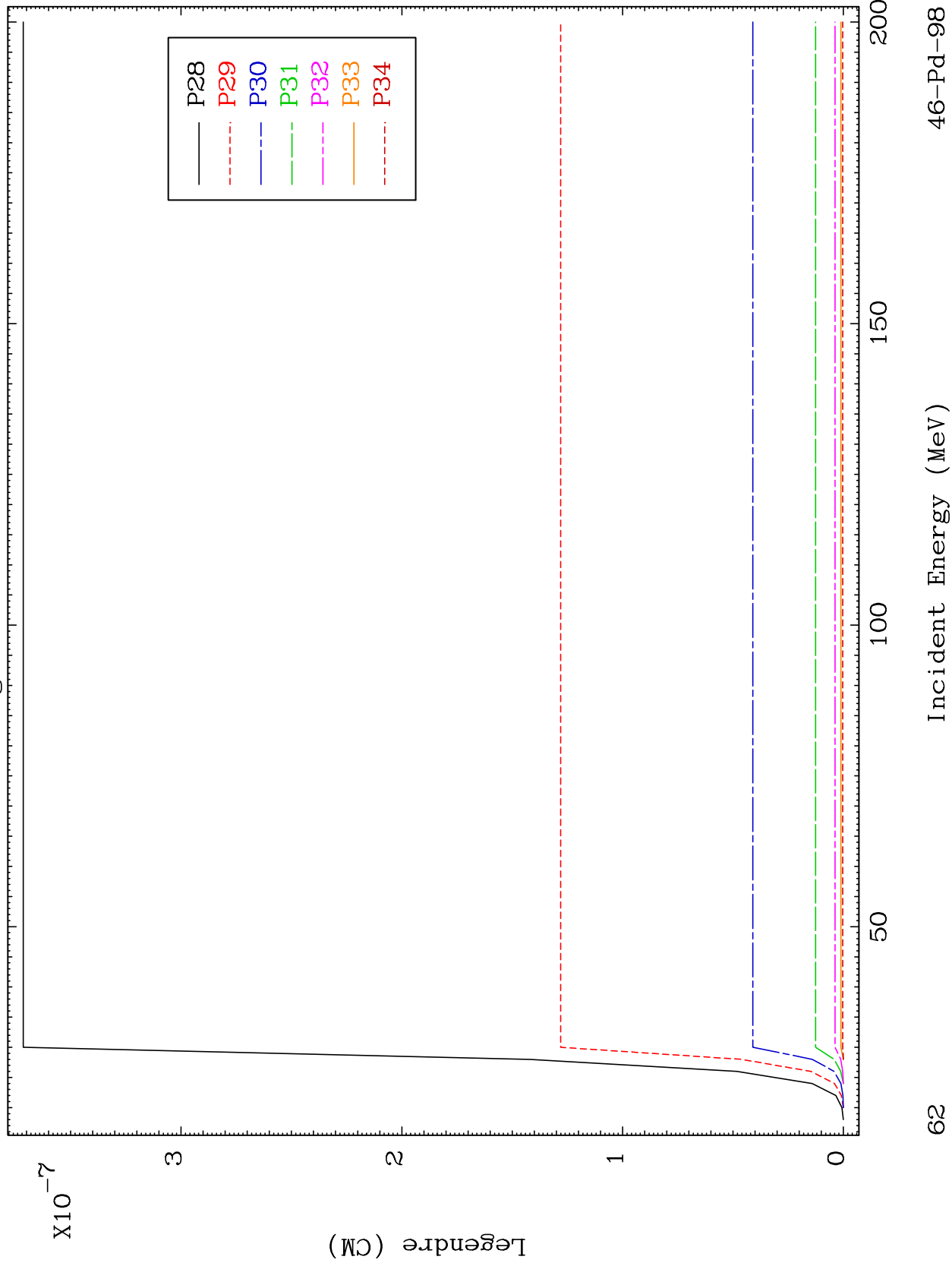
MAT 4613 MT= 62 (n,n') Level Legendre Coefficients 46-Pd-98



MAT 4613

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

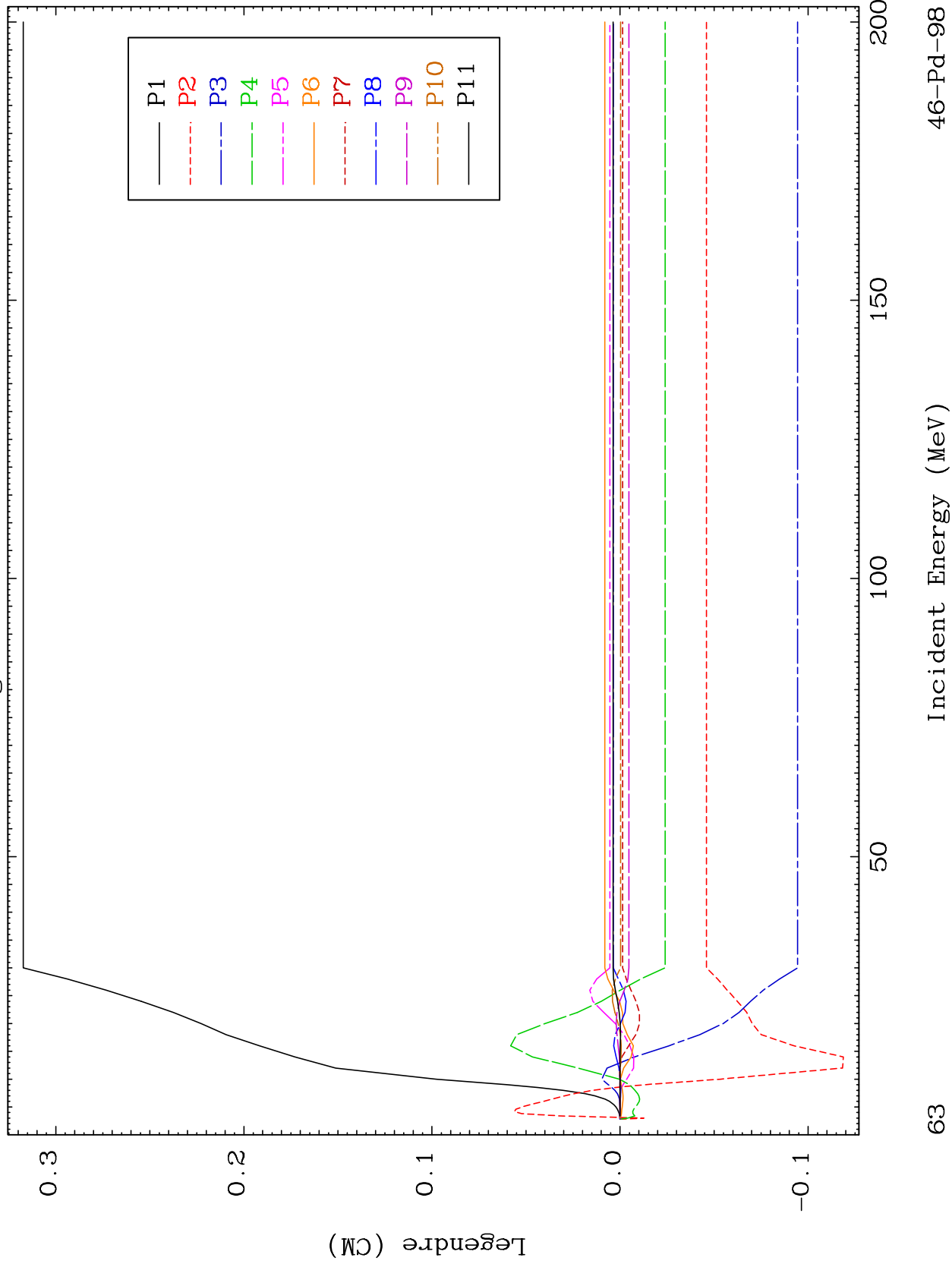
46-Pd-98



MAT 4613

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

46-Pd-98



46-Pd-98

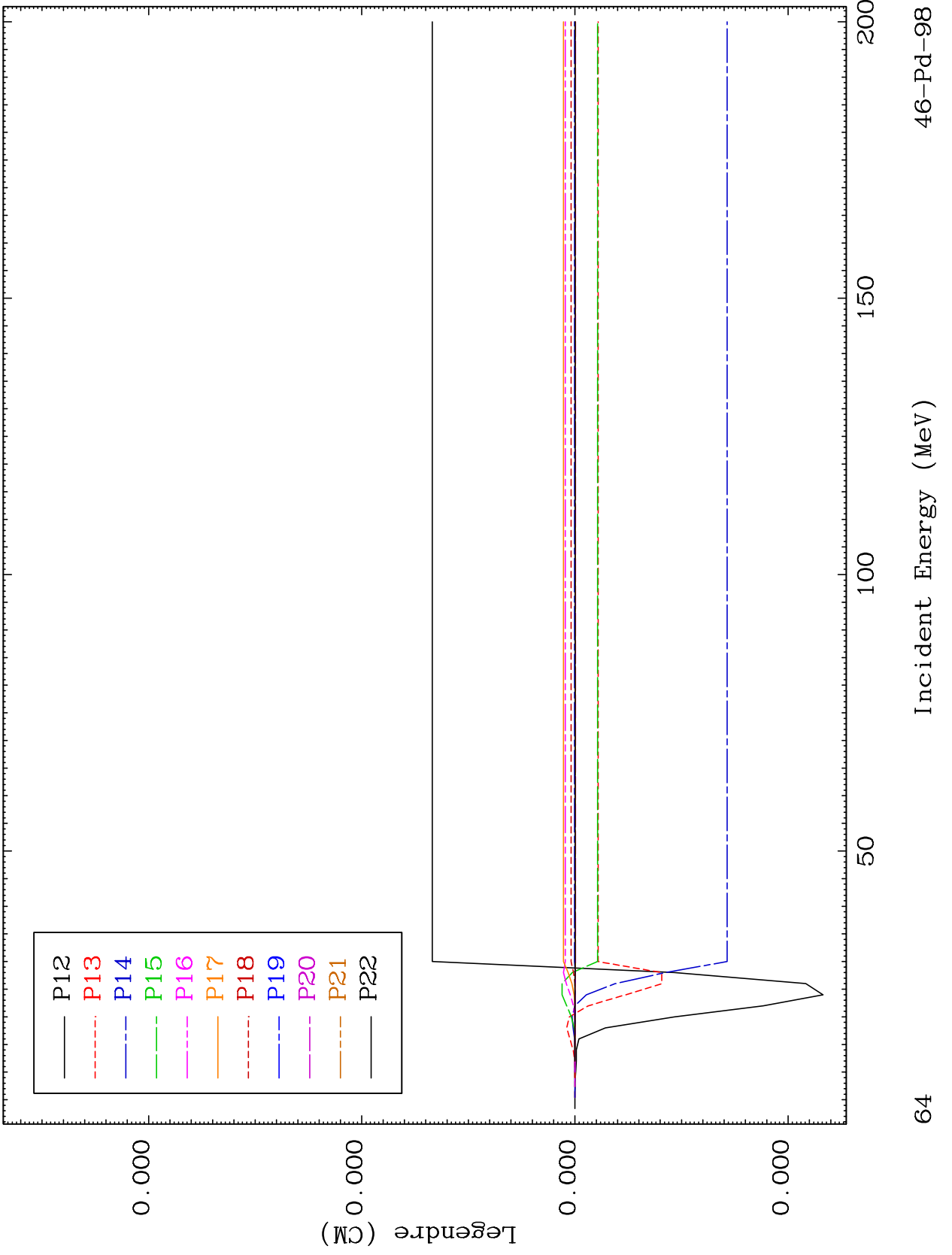
Incident Energy (MeV)

63

MAT 4613

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

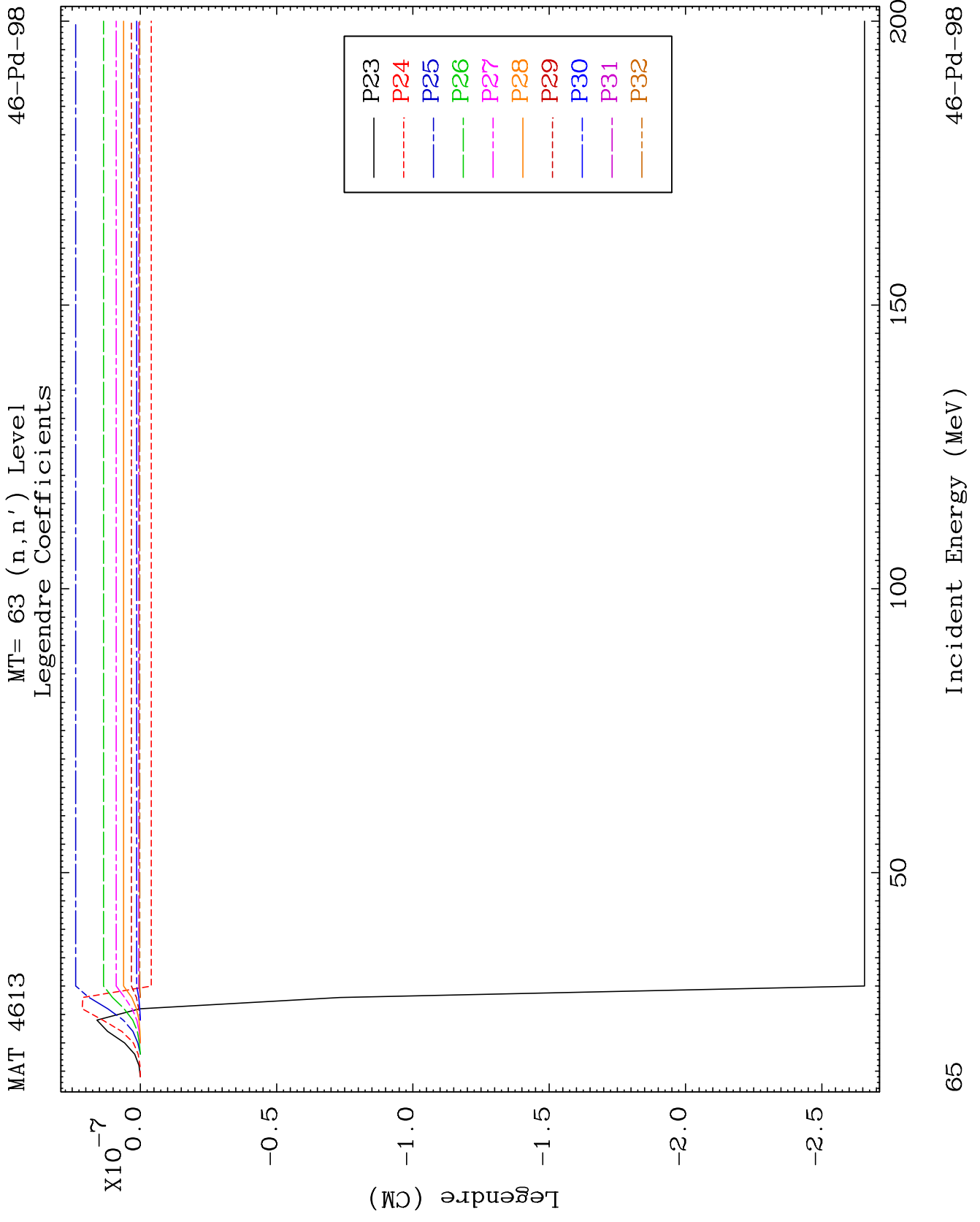
46-Pd-98



64

Incident Energy (MeV)

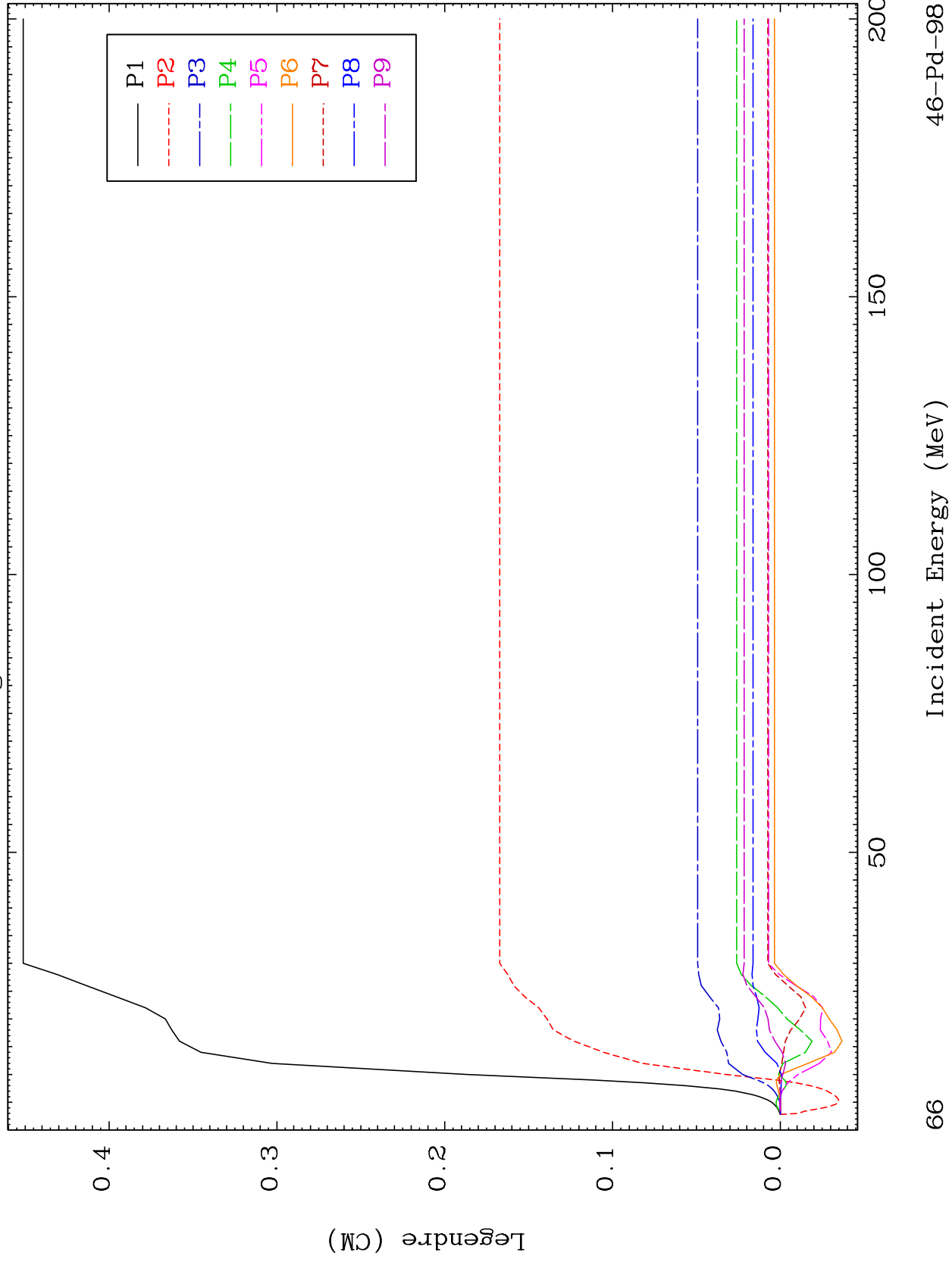
46-Pd-98



MAT 4613

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

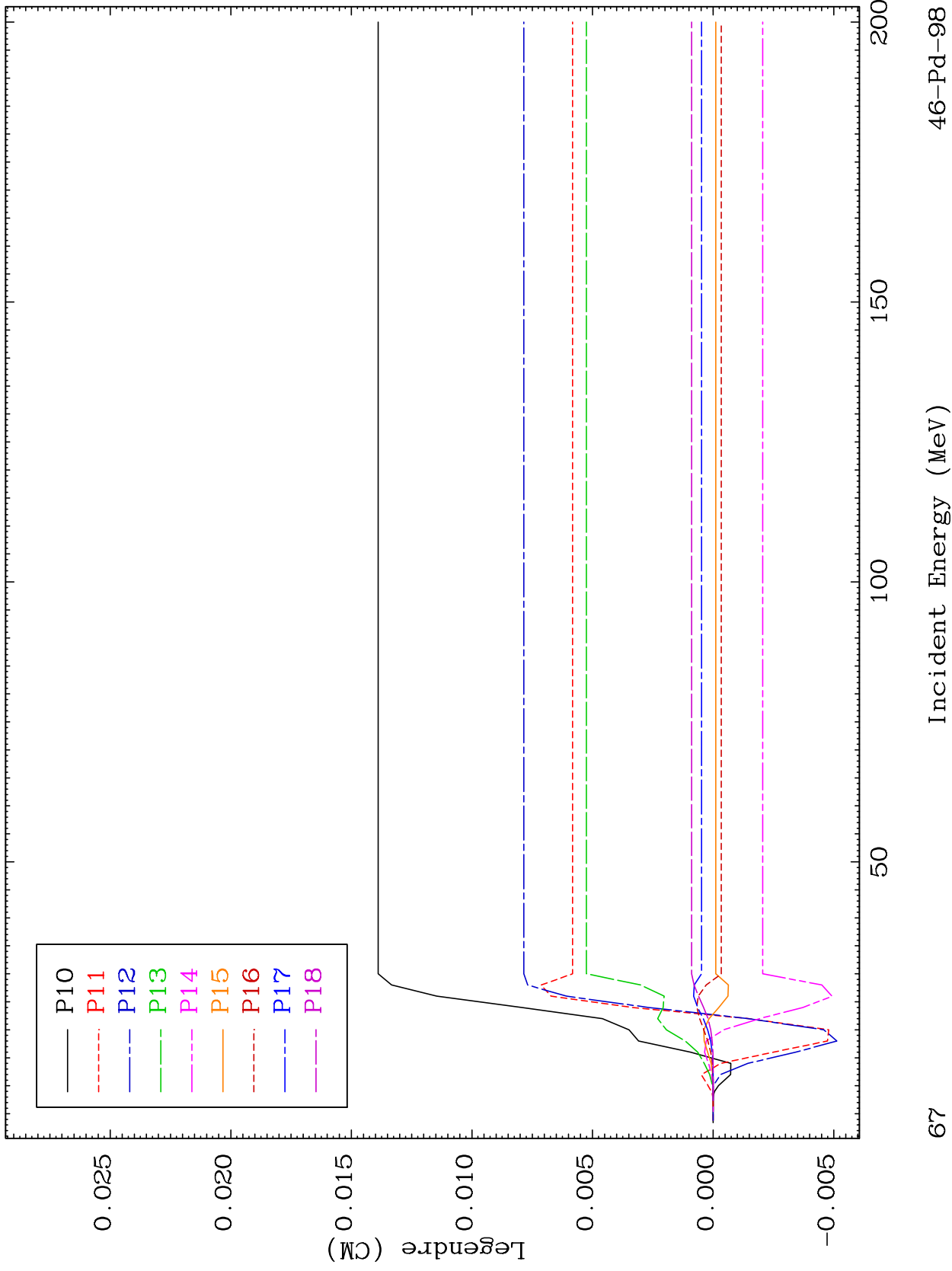
46-Pd-98



66

Incident Energy (MeV)

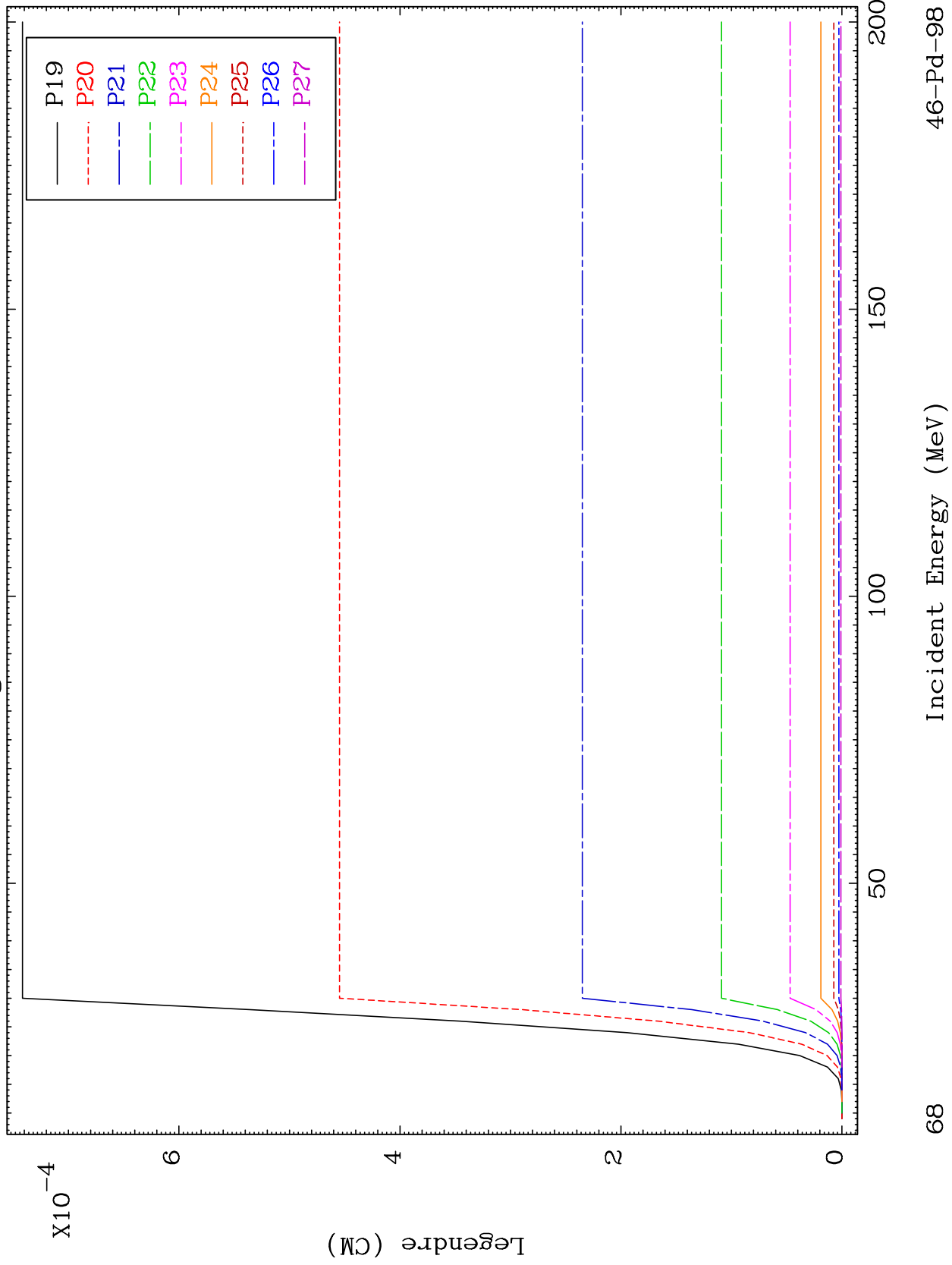
46-Pd-98



MAT 4613

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

46-Pd-98

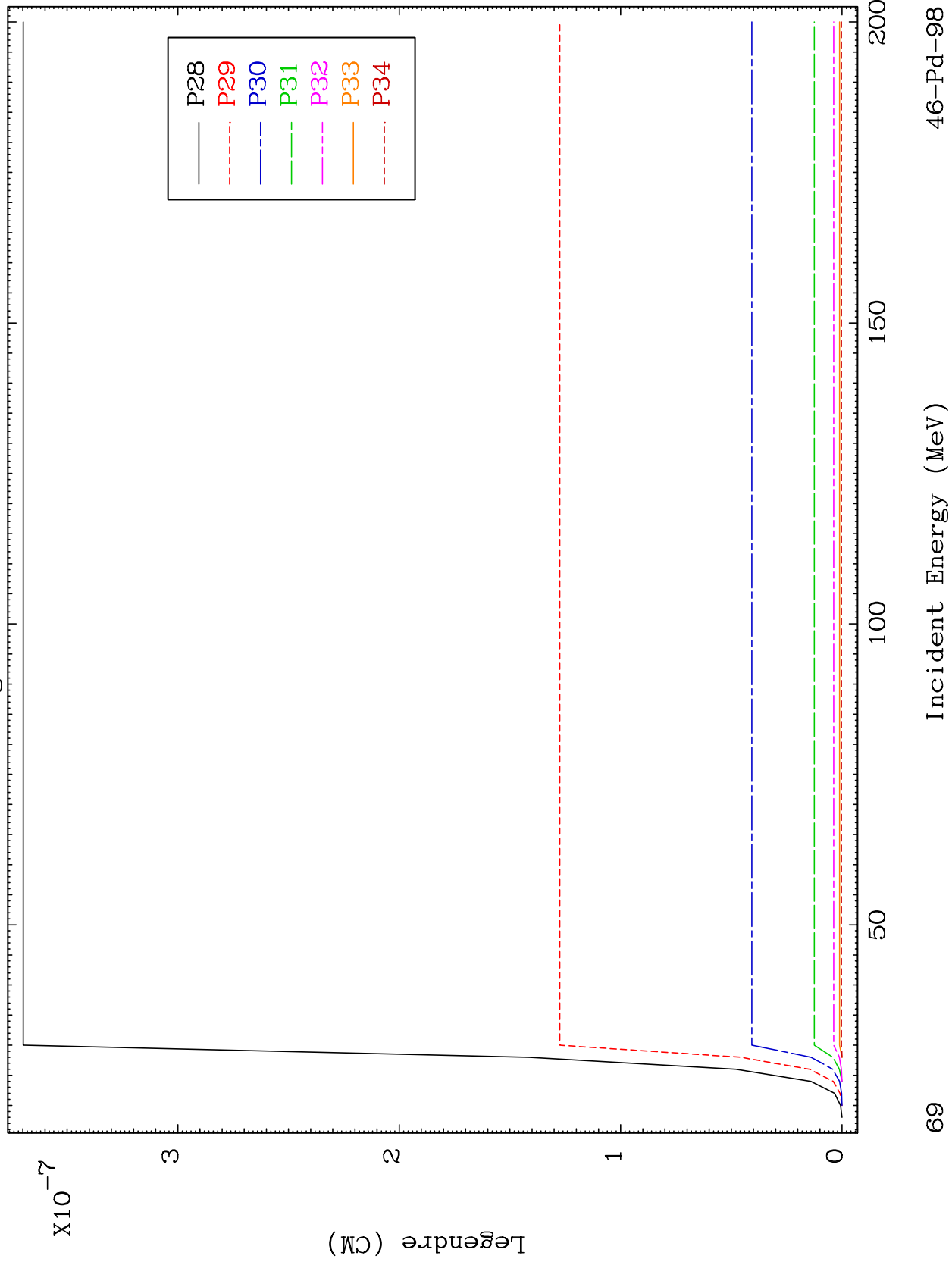


68

MAT 4613

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

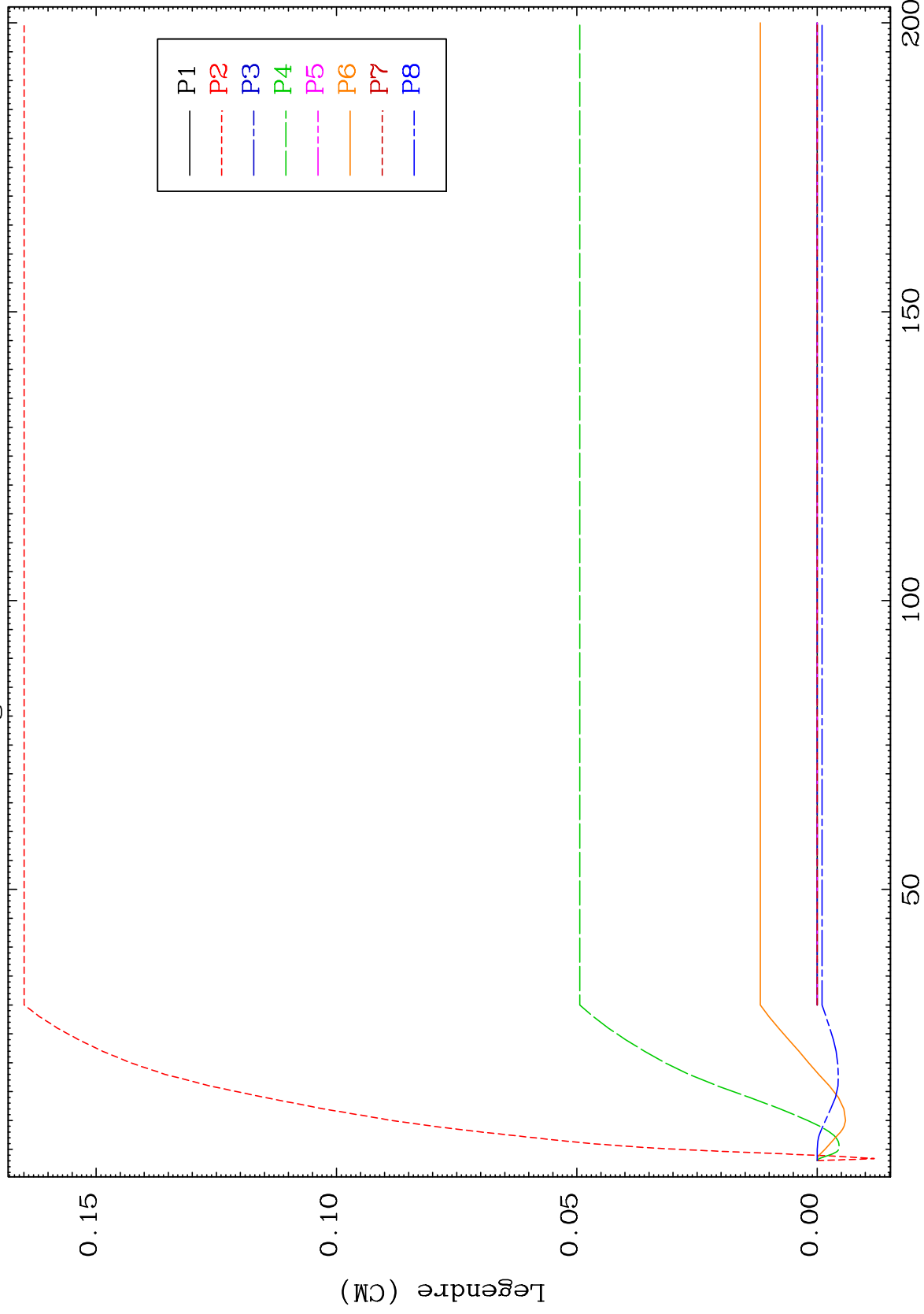
46-Pd-98



MAT 4613

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

46-Pd-98



70

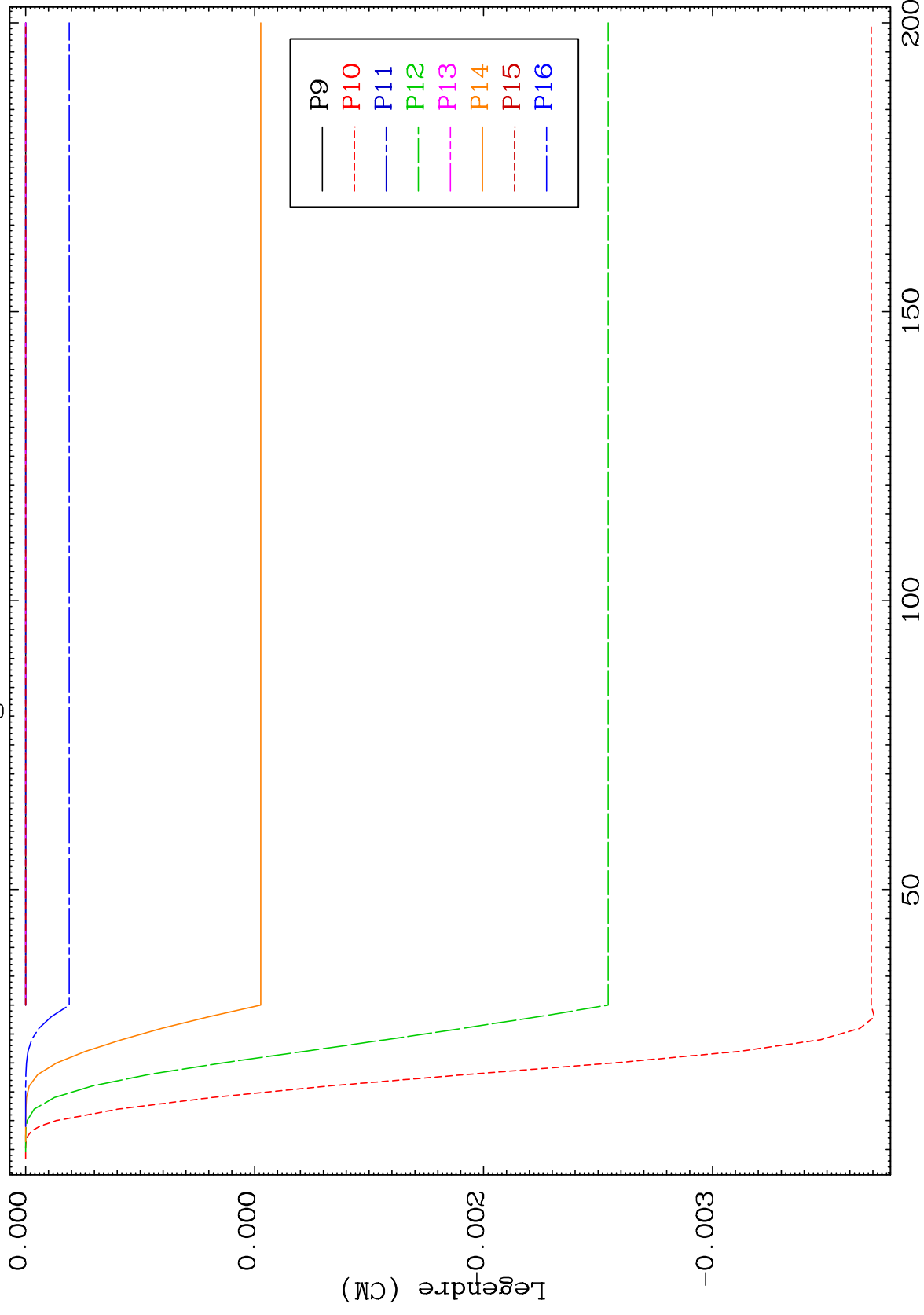
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

46-Pd-98



71

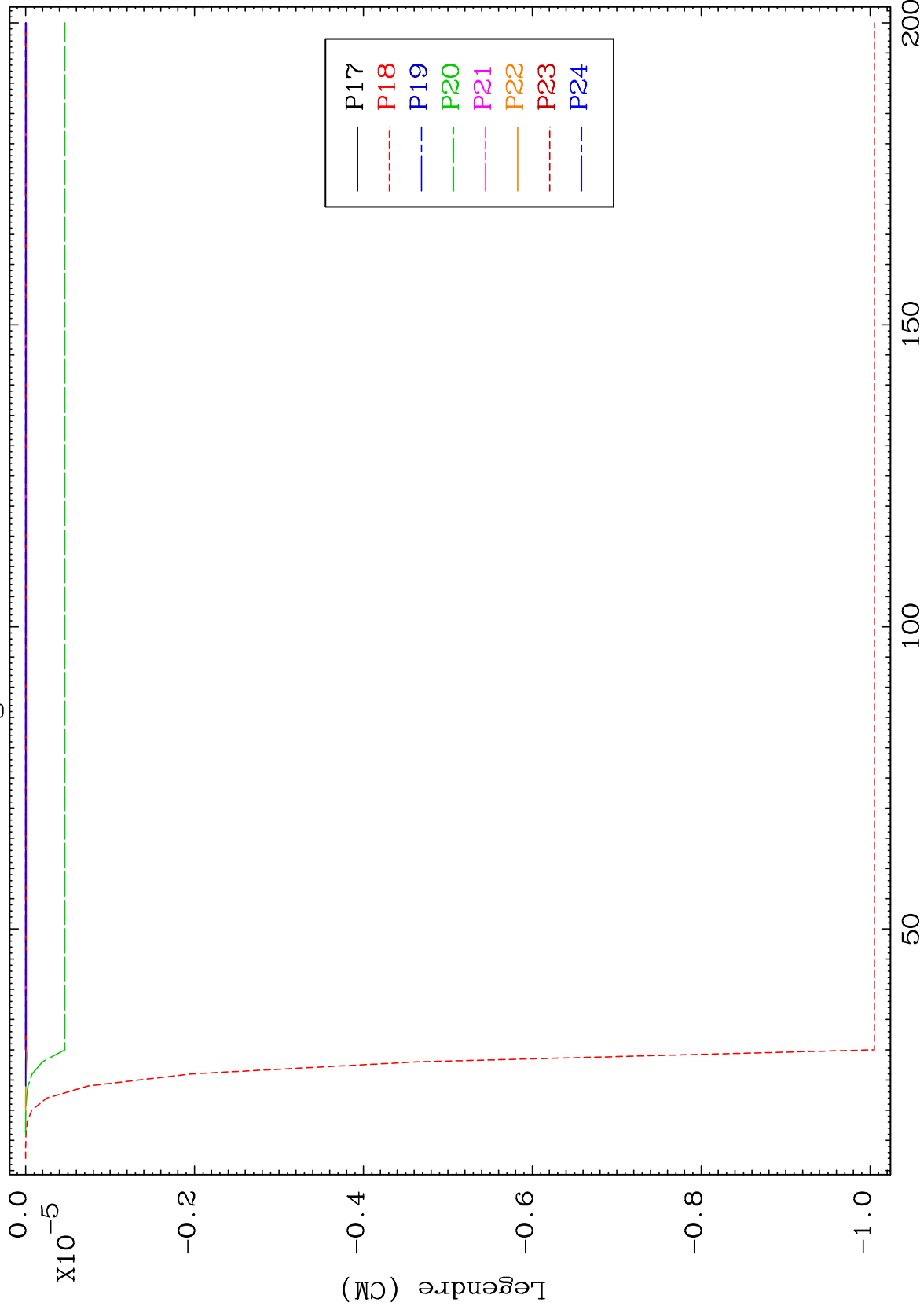
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

46-Pd-98



46-Pd-98

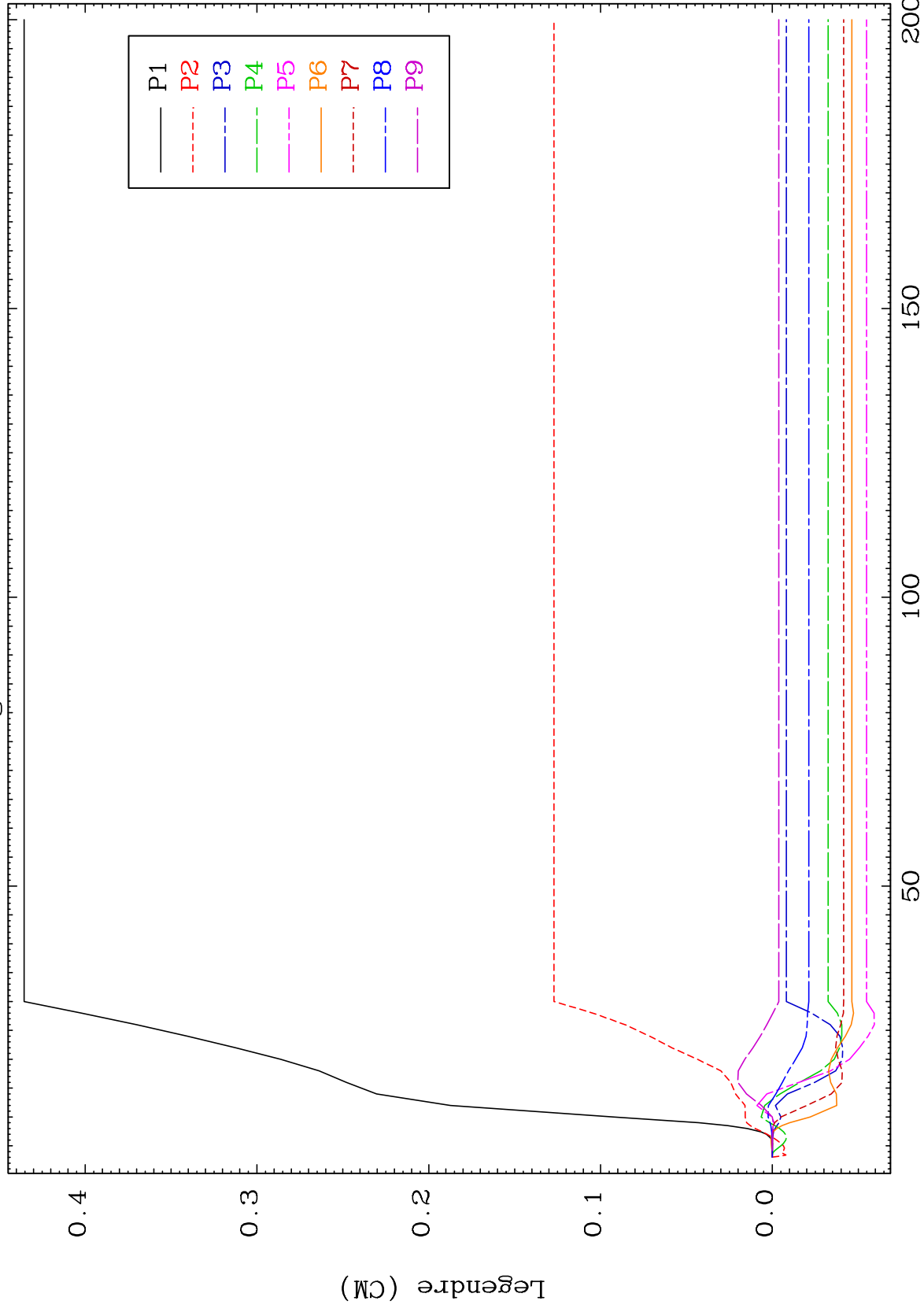
Incident Energy (MeV)

72

MAT 4613

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

46-Pd-98



73

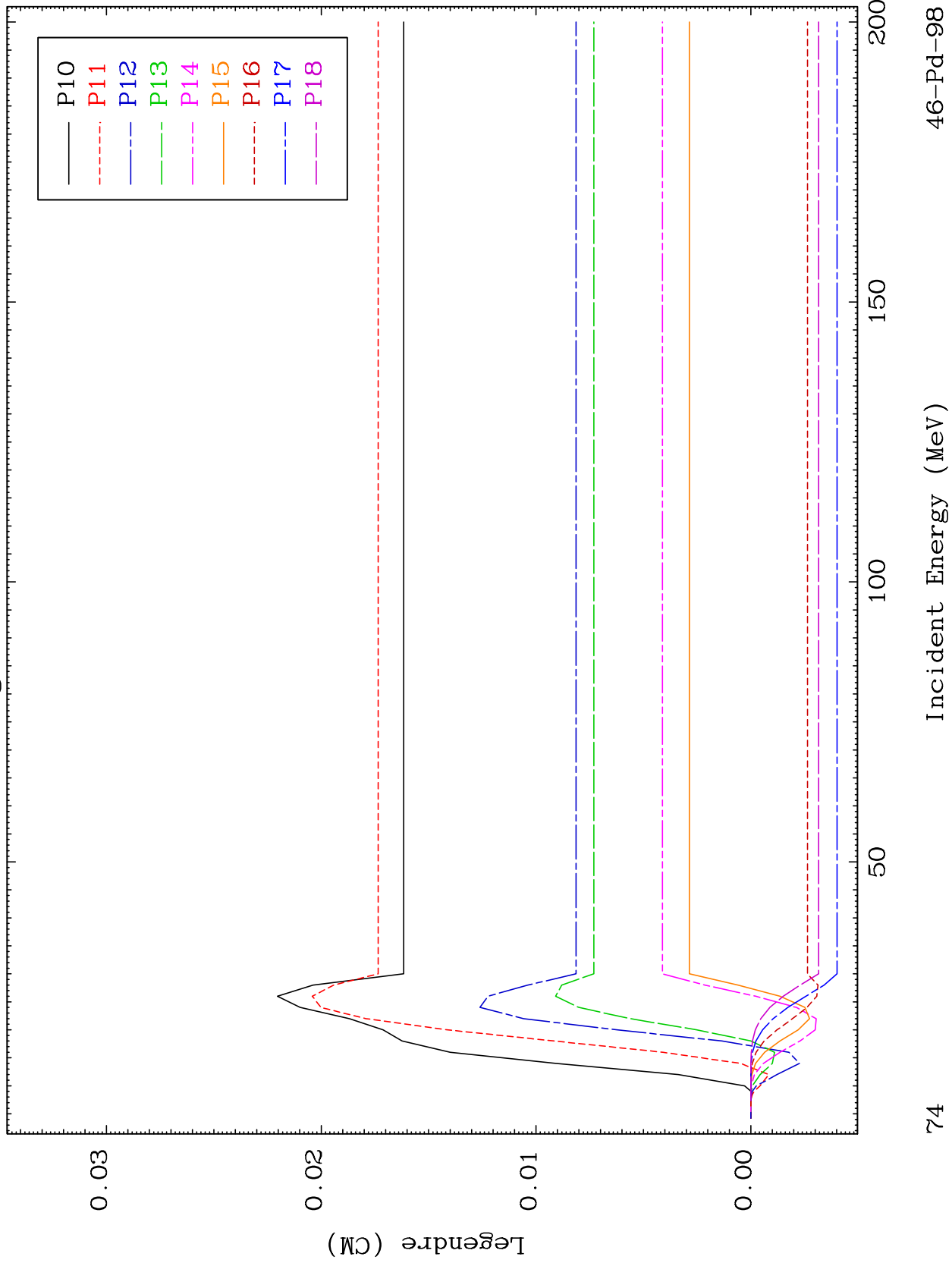
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

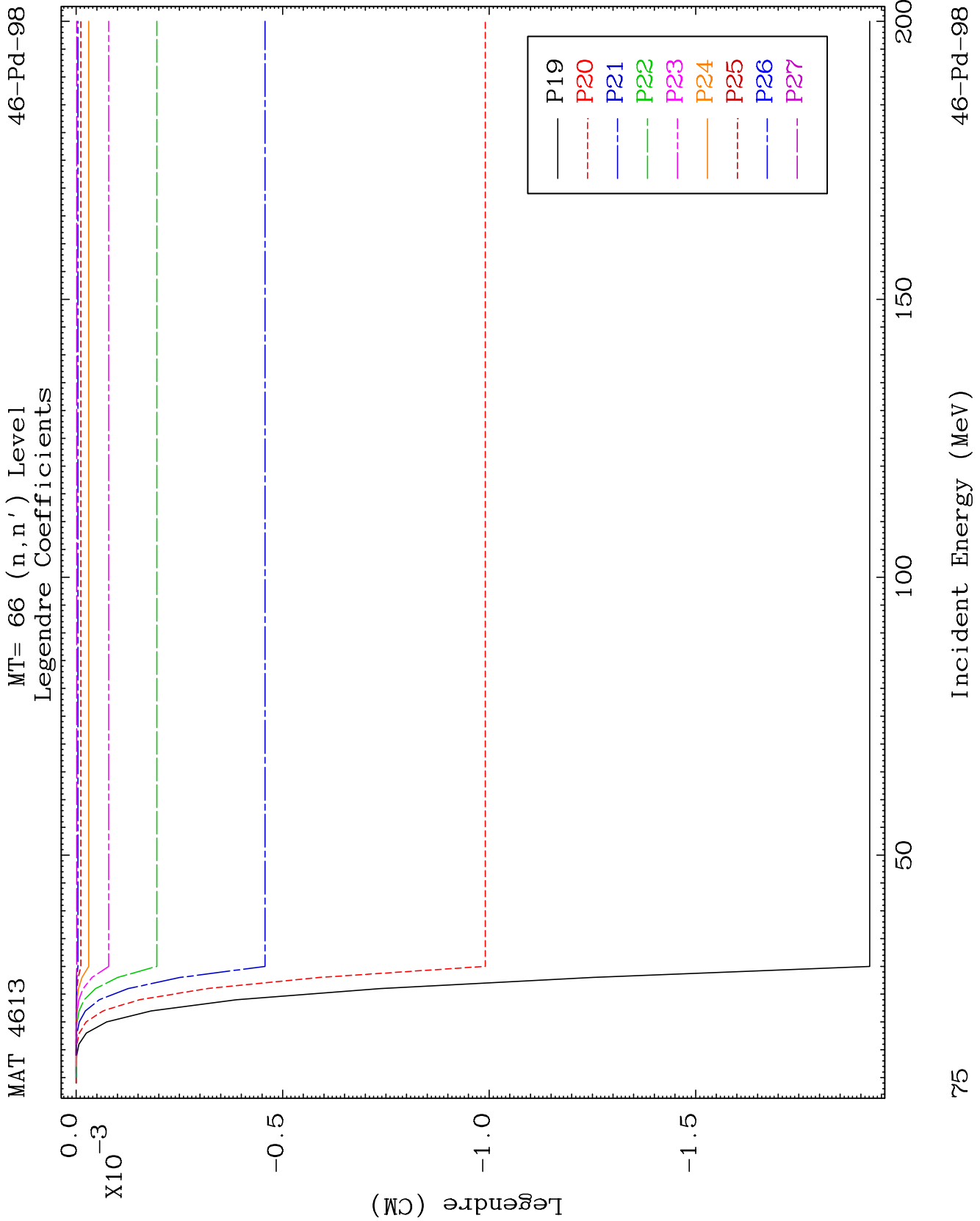
46-Pd-98

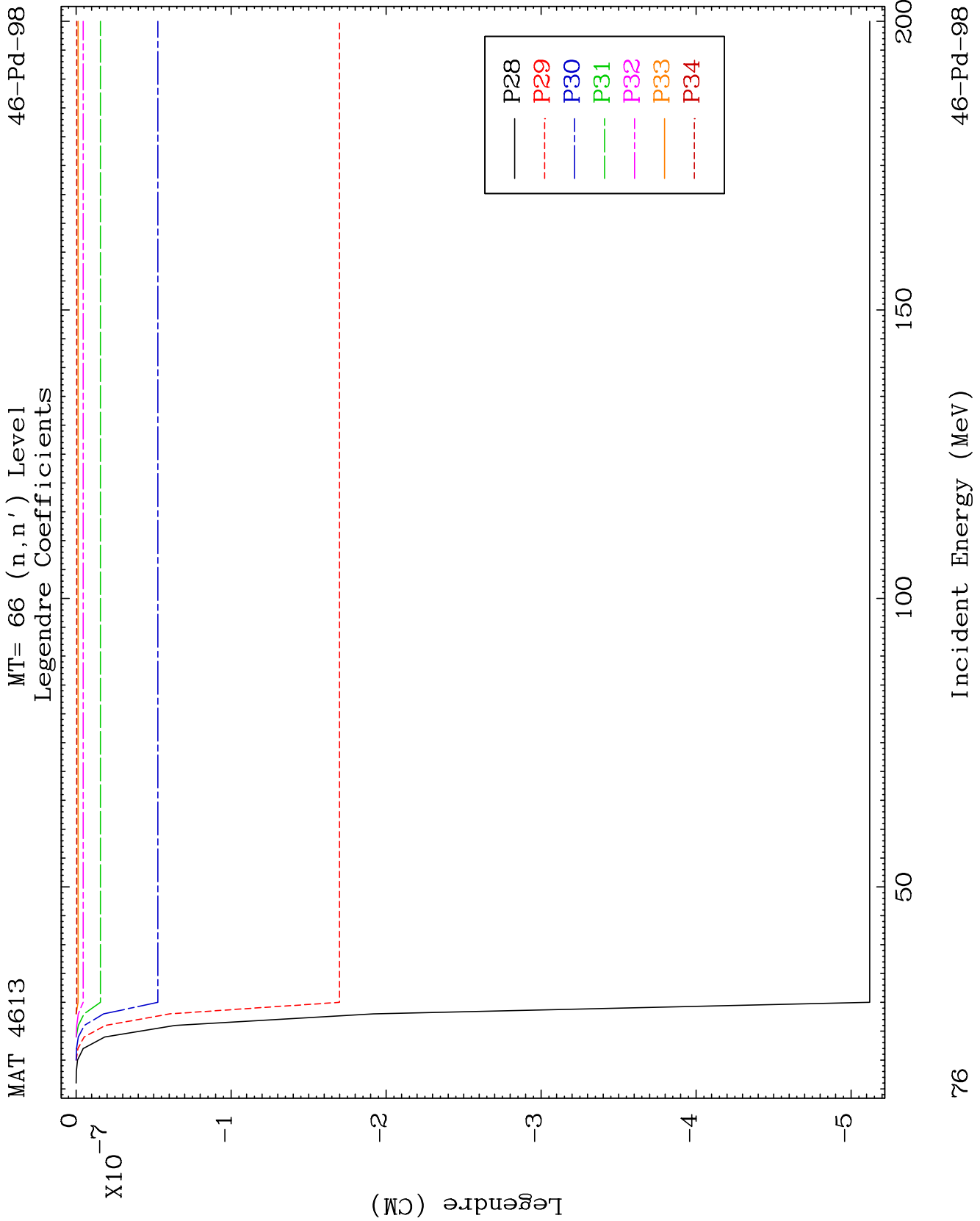


74

Incident Energy (MeV)

46-Pd-98

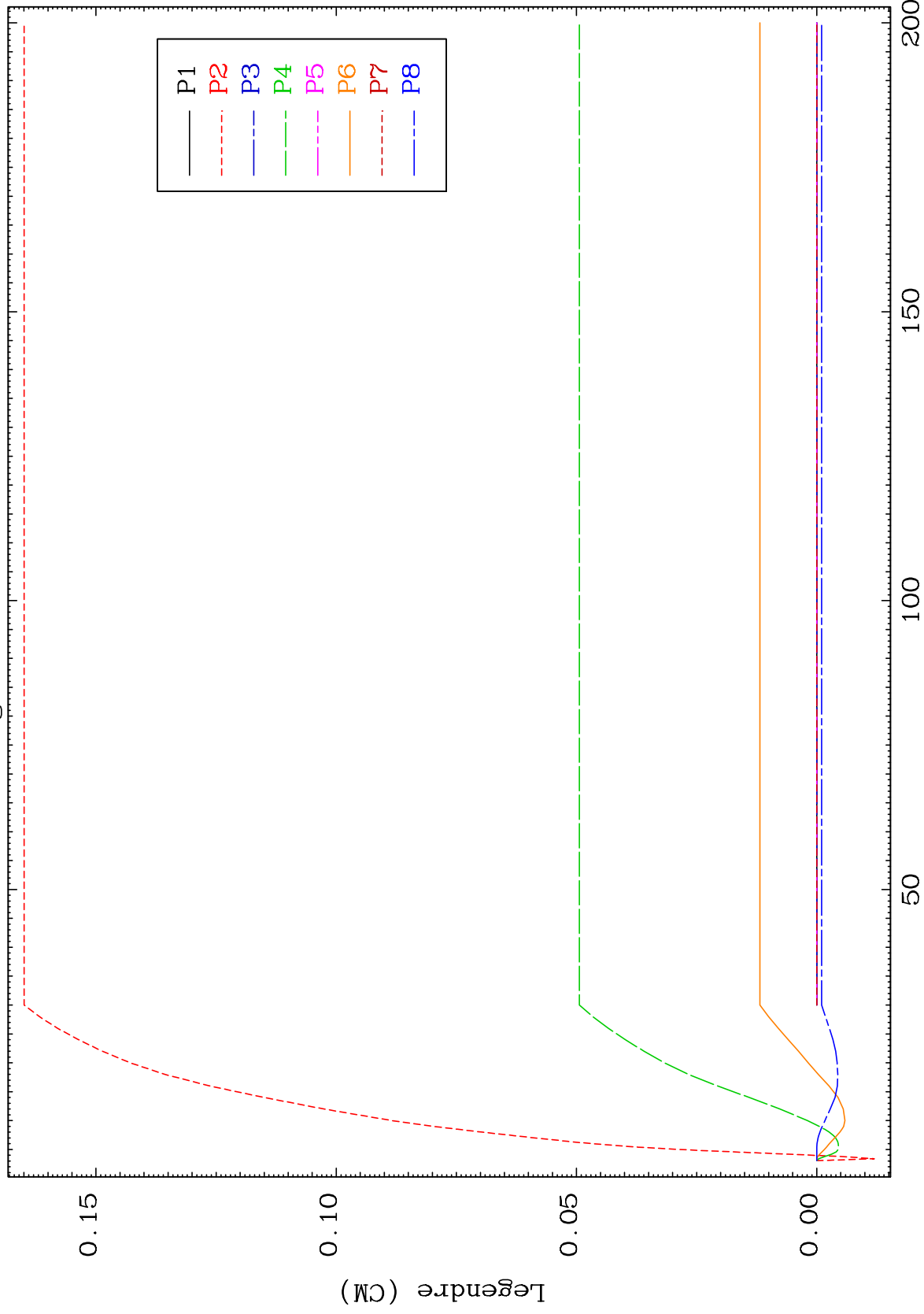




MAT 4613

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

46-Pd-98



77

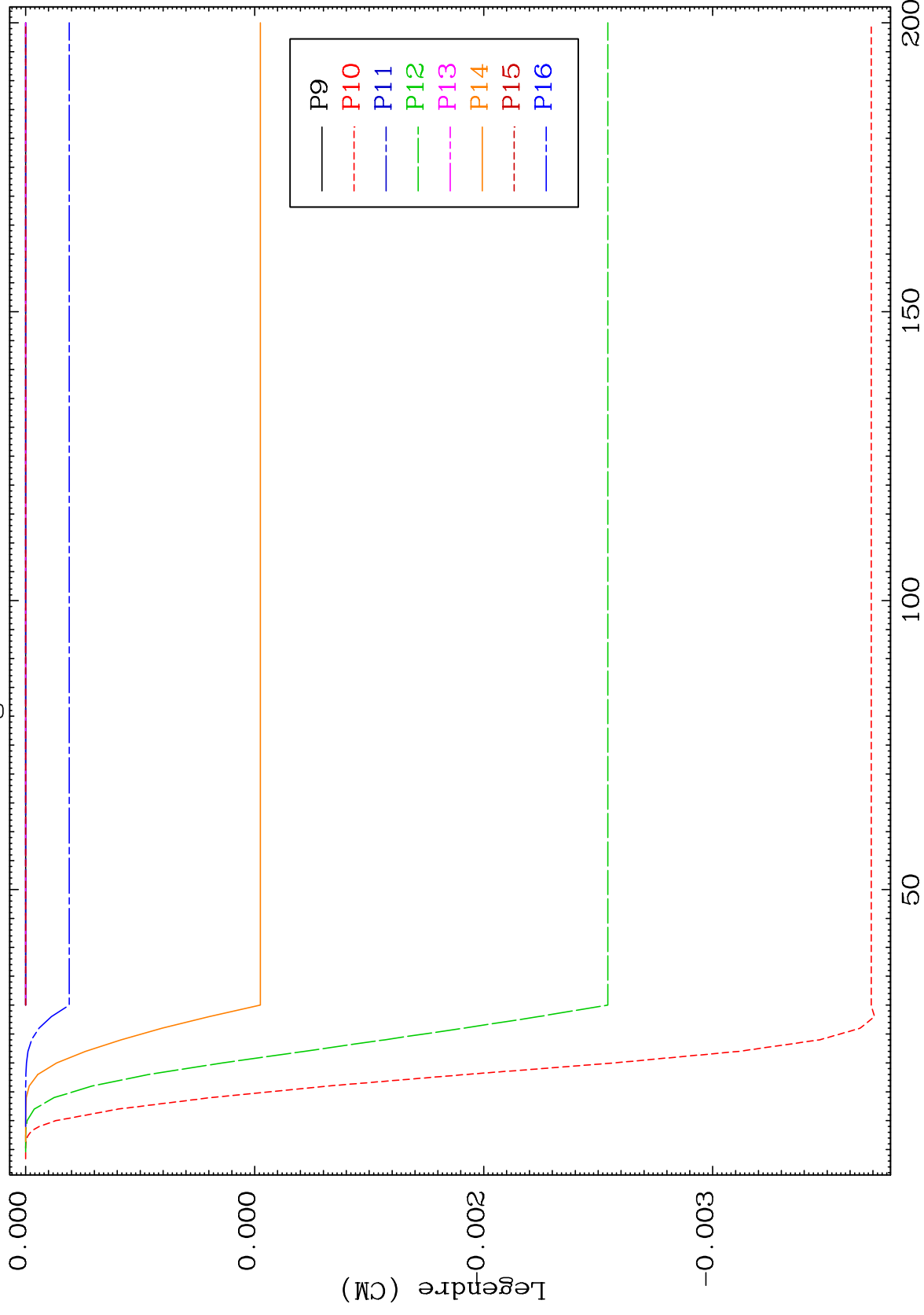
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

46-Pd-98



78

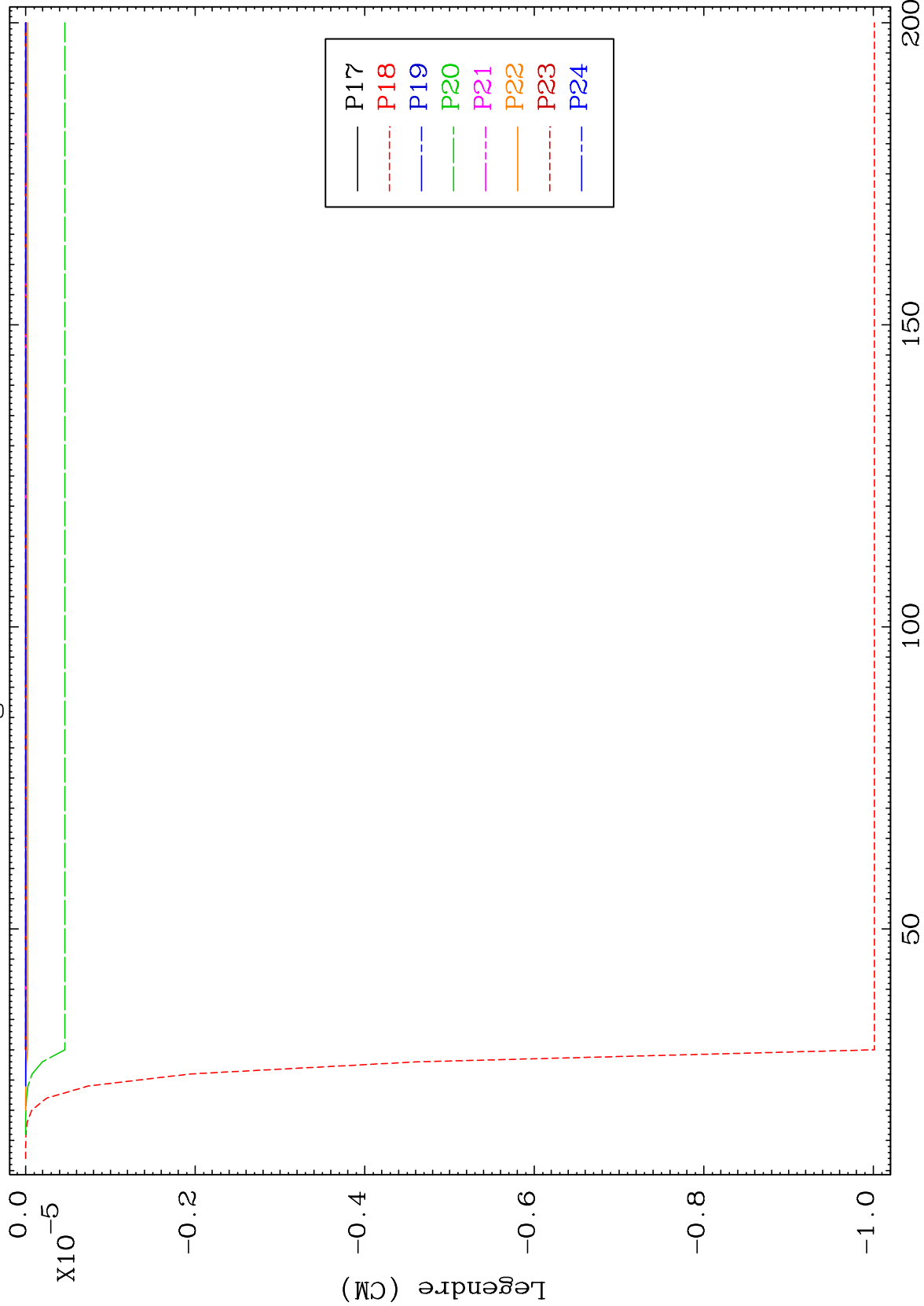
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

46-Pd-98



46-Pd-98

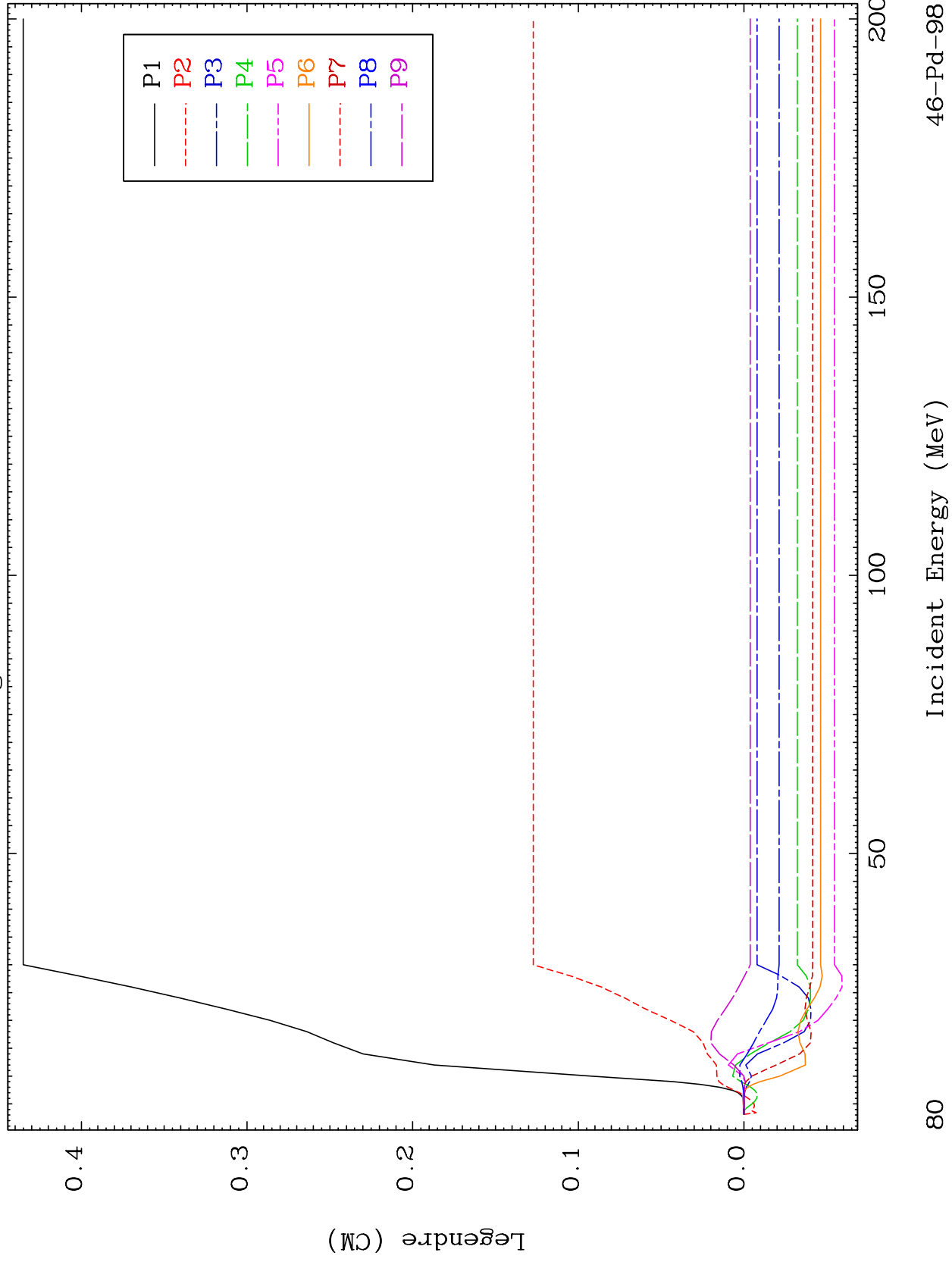
Incident Energy (MeV)

79

MAT 4613

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

46-Pd-98



46-Pd-98

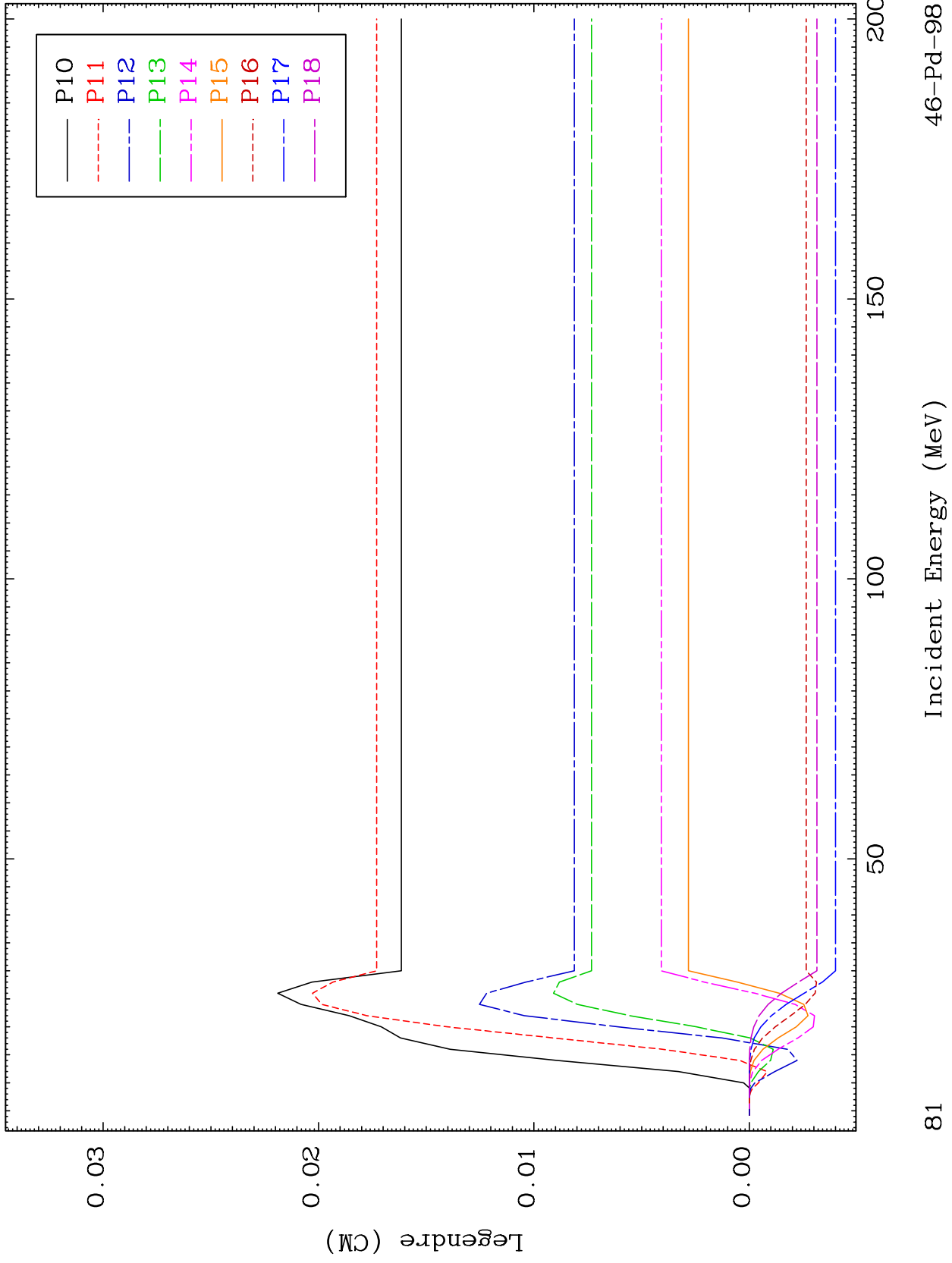
Incident Energy (MeV)

80

MAT 4613

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

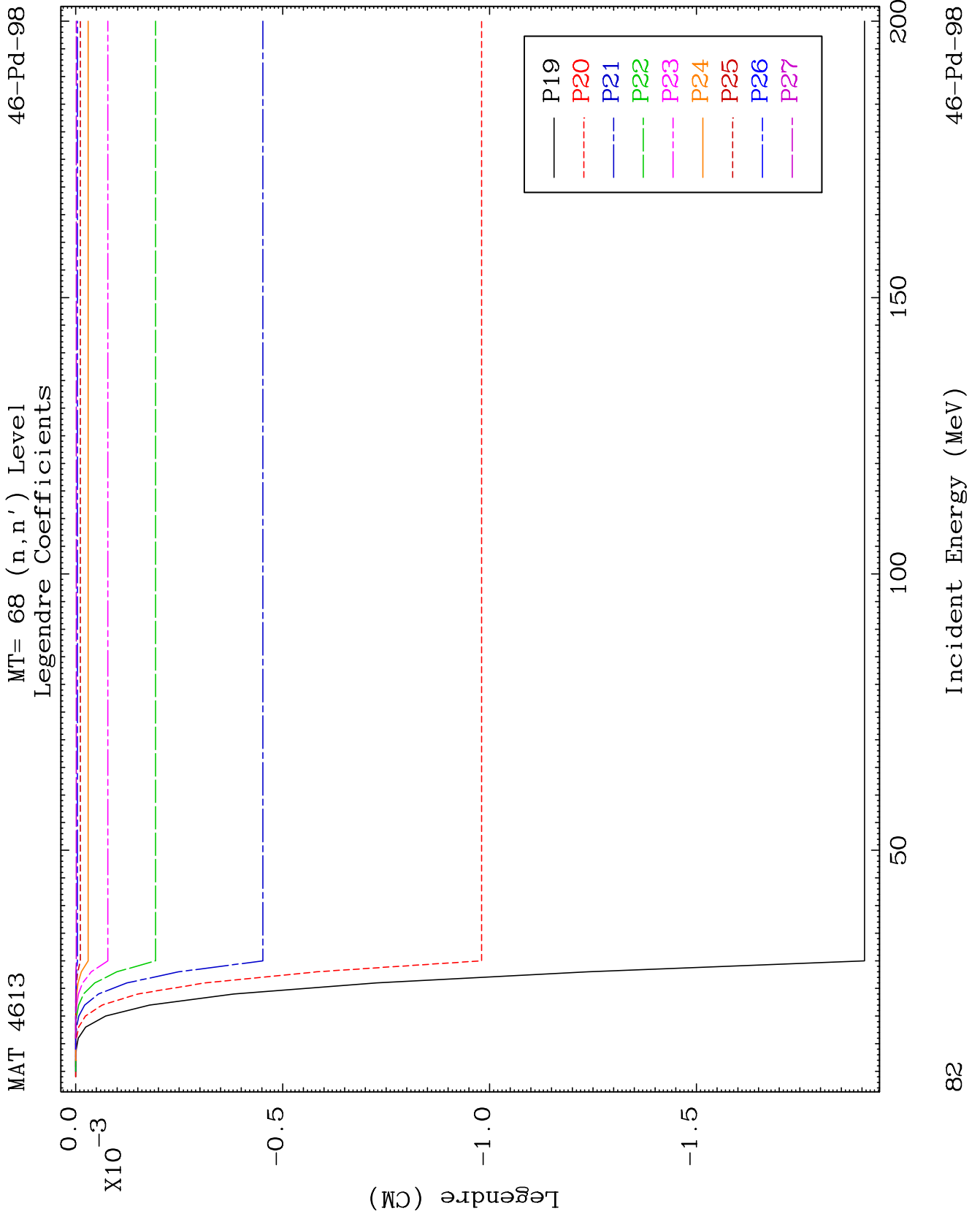
46-Pd-98

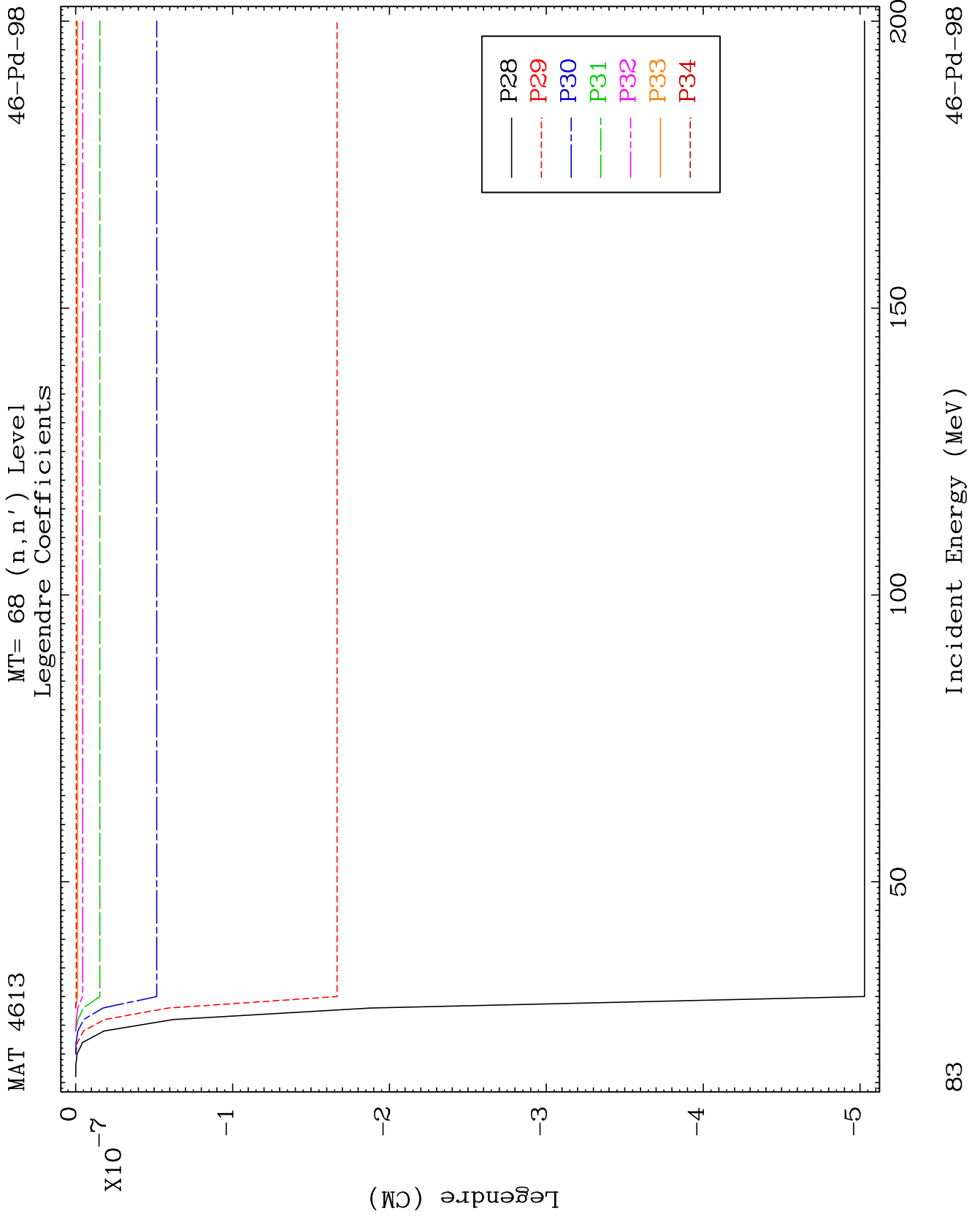


81

Incident Energy (MeV)

46-Pd-98

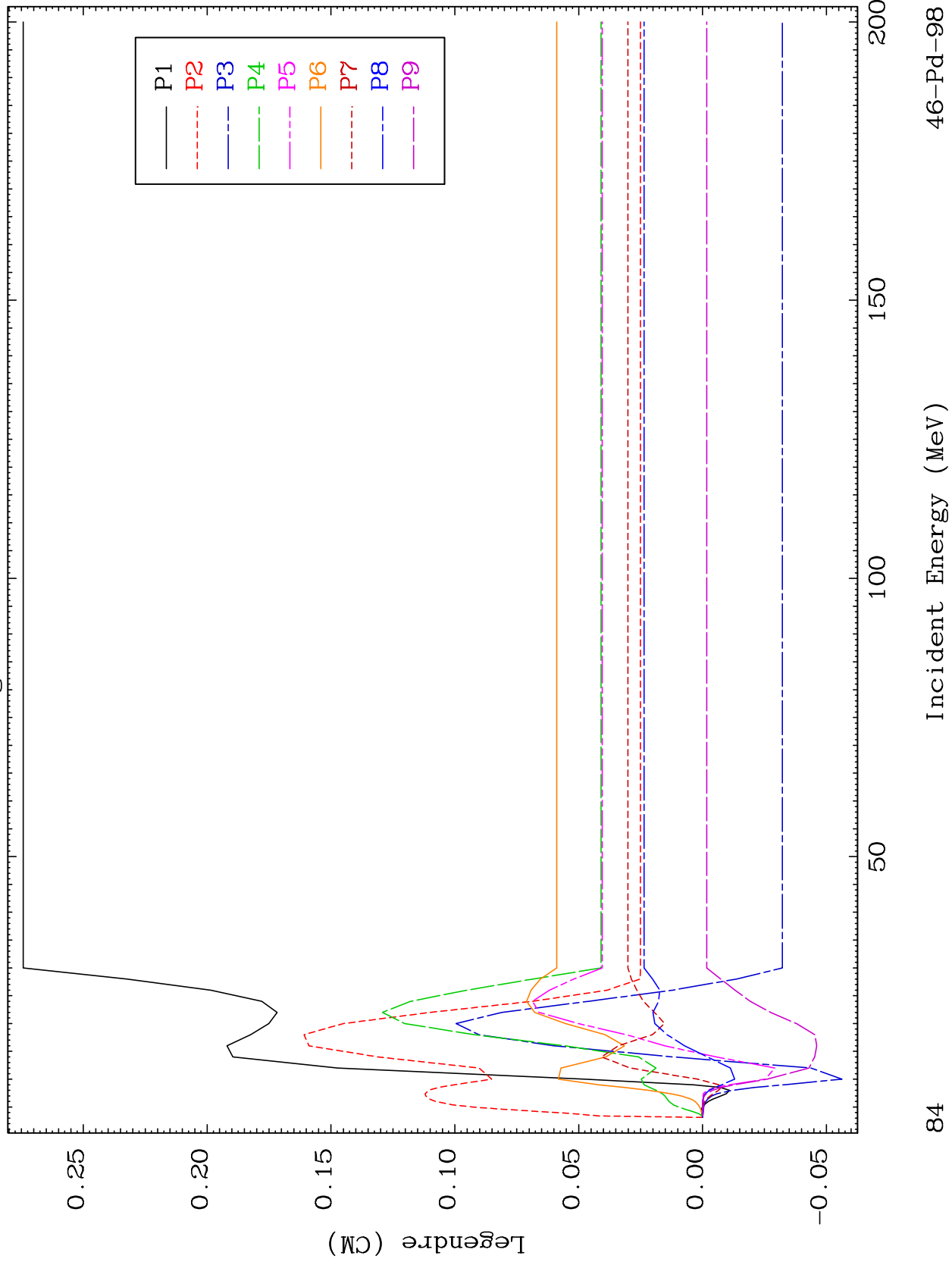




MAT 4613

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

46-Pd-98



84

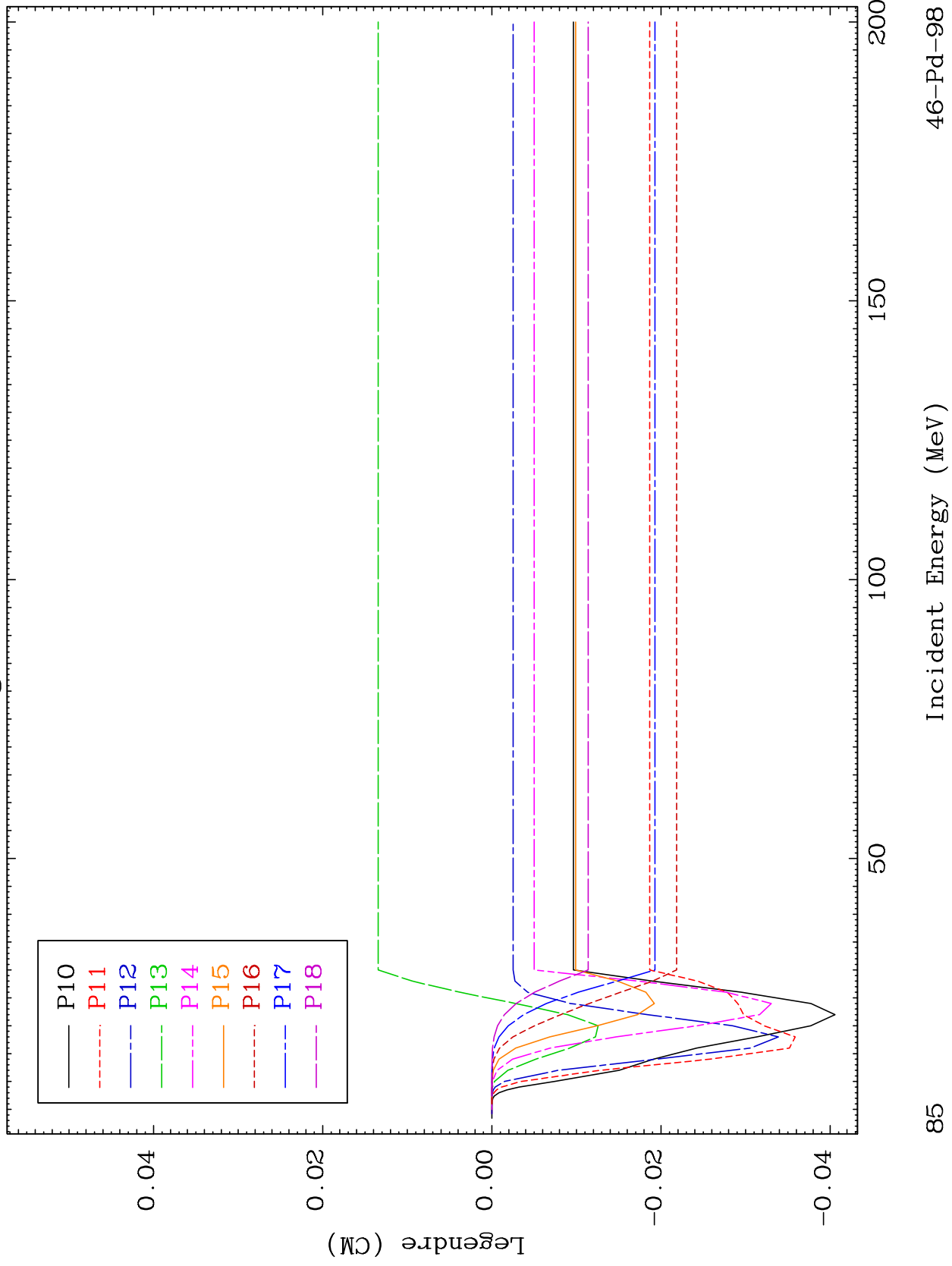
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

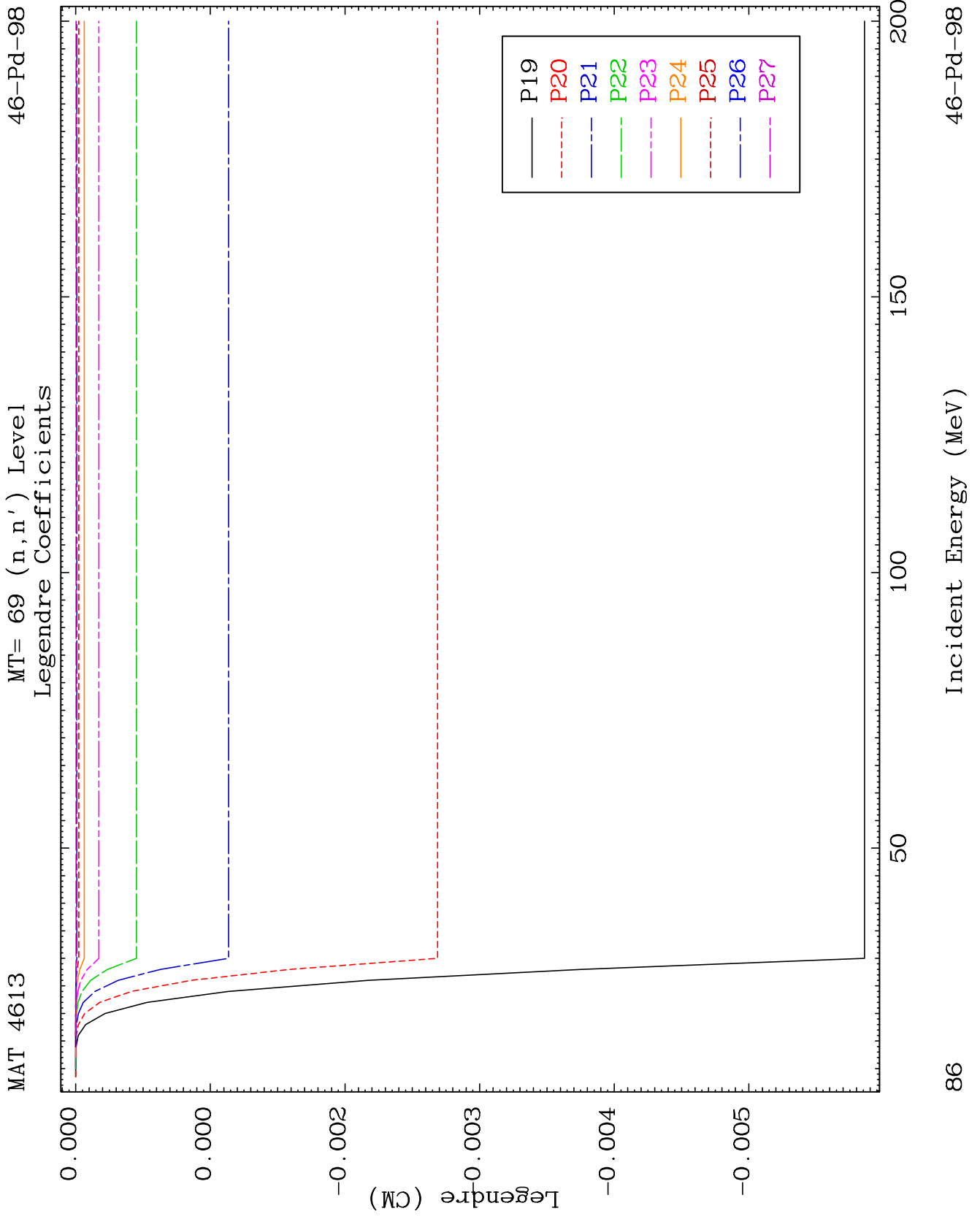
46-Pd-98

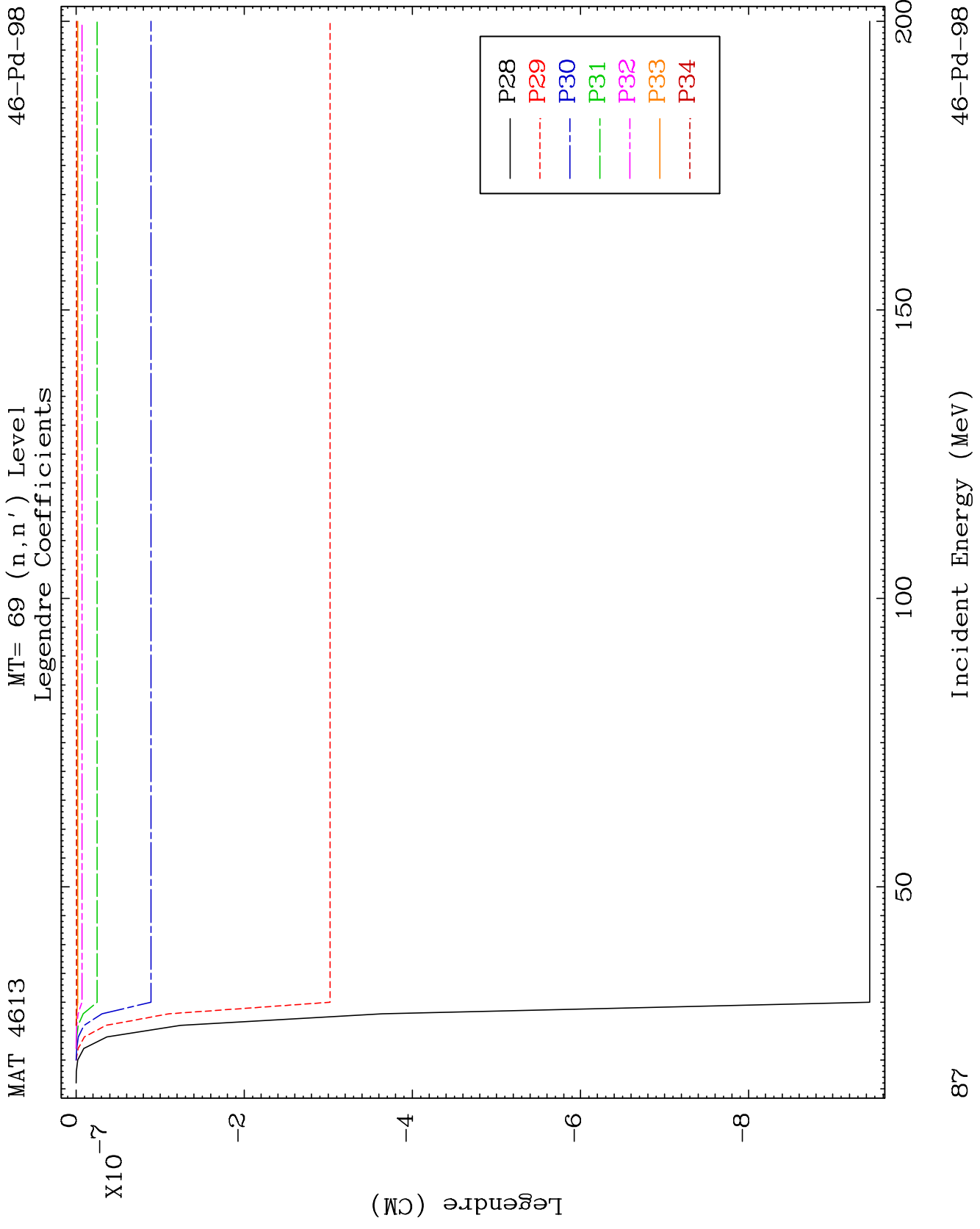


85

Incident Energy (MeV)

46-Pd-98

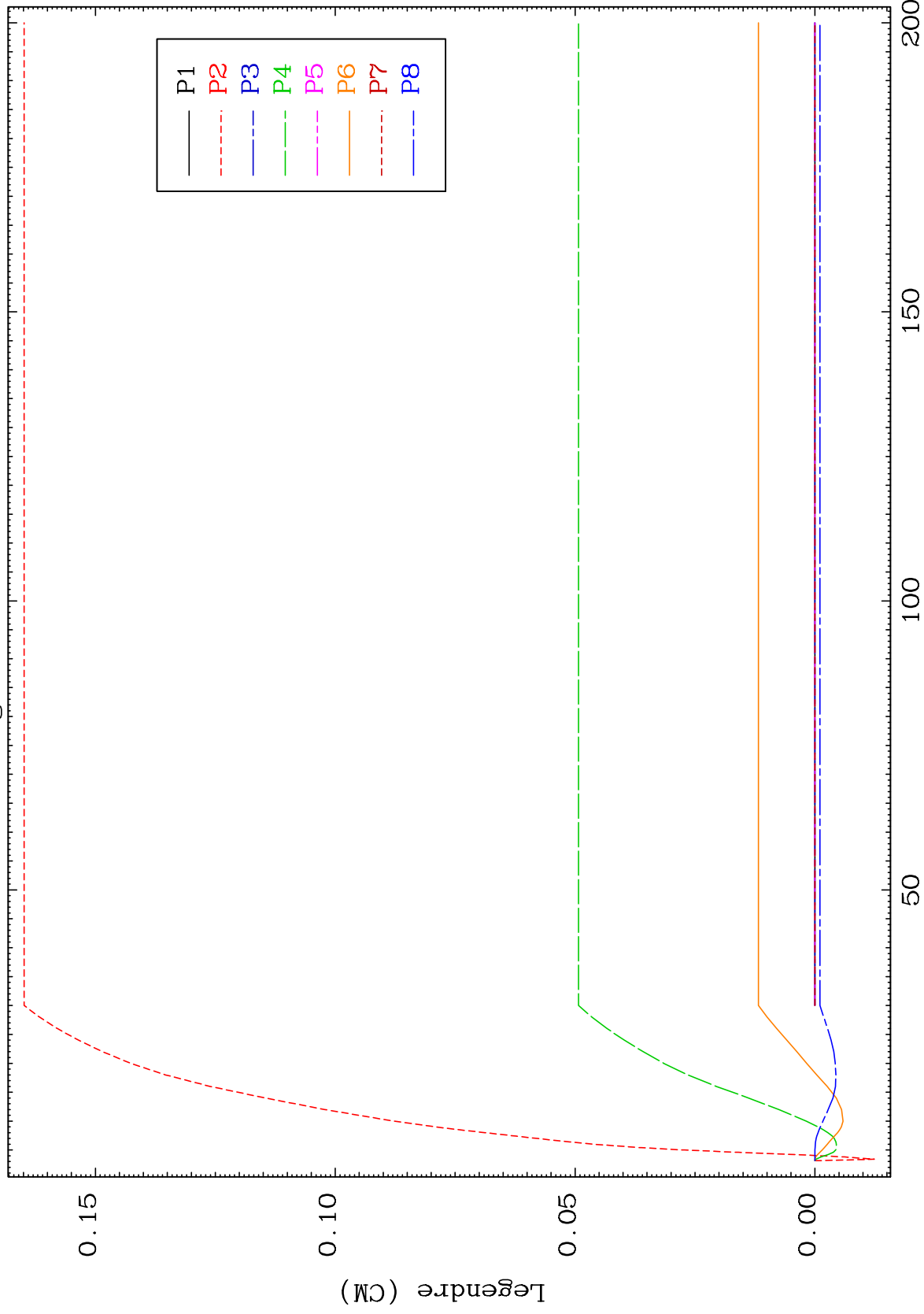




MAT 4613

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

46-Pd-98



88

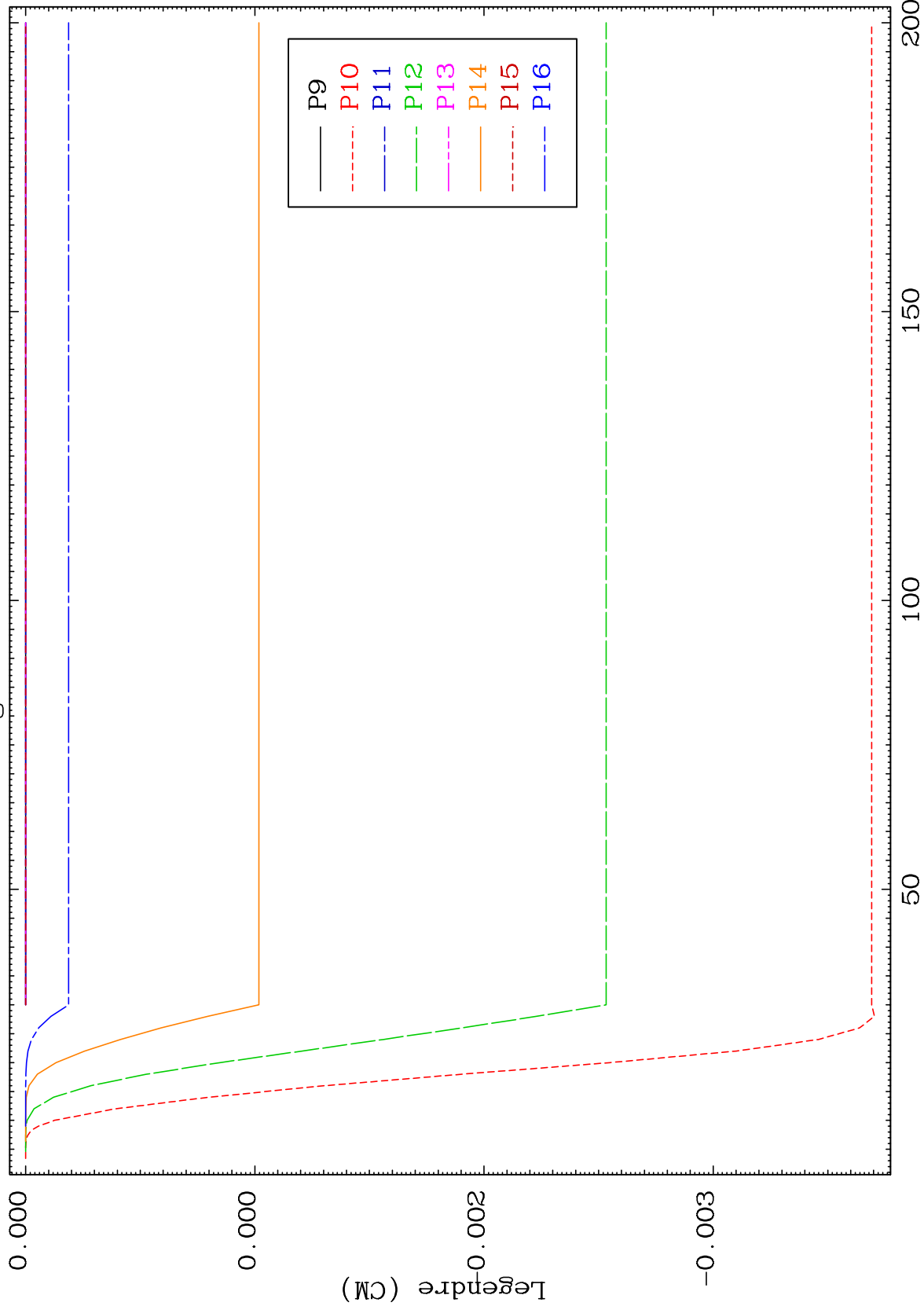
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

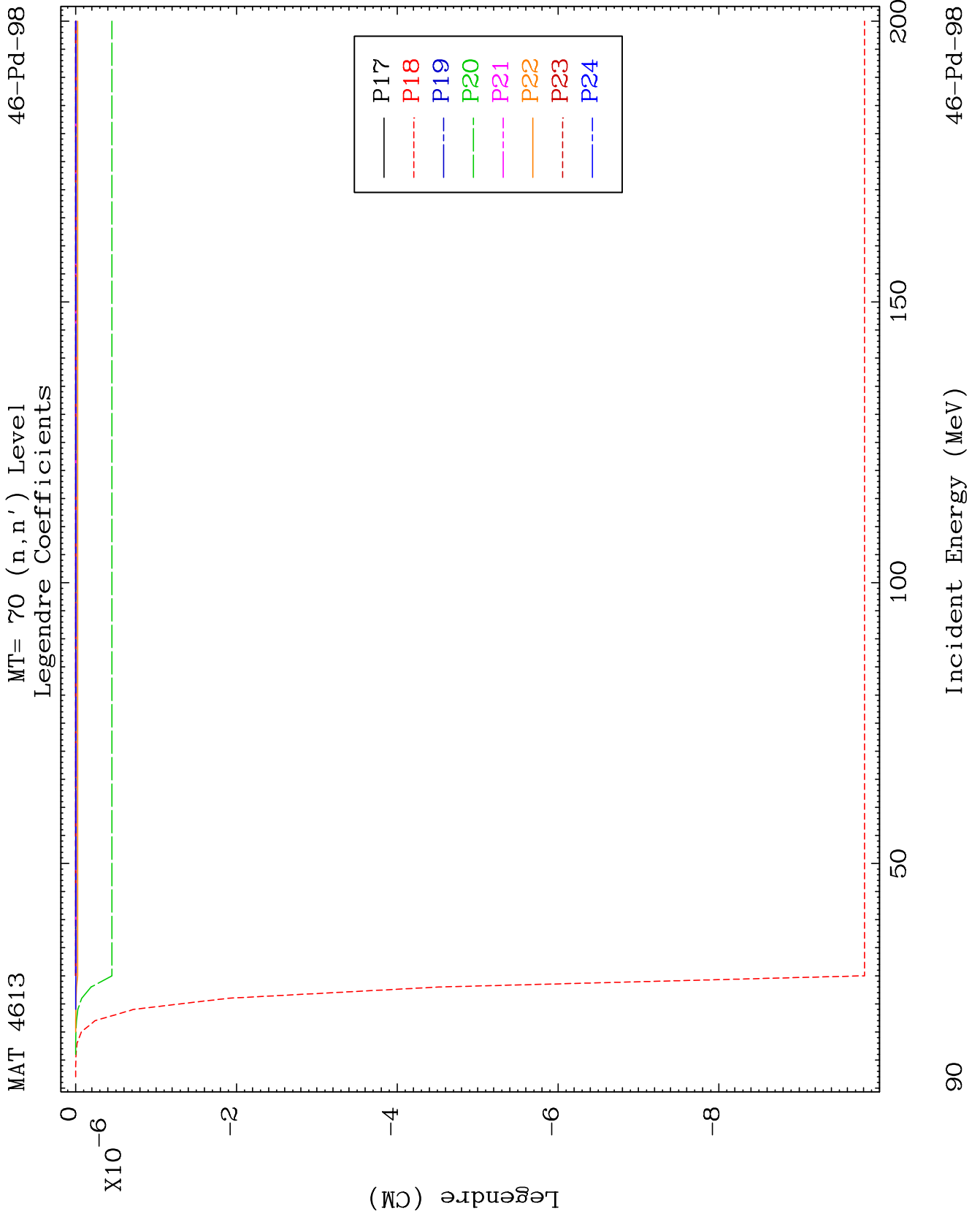
46-Pd-98



89

Incident Energy (MeV)

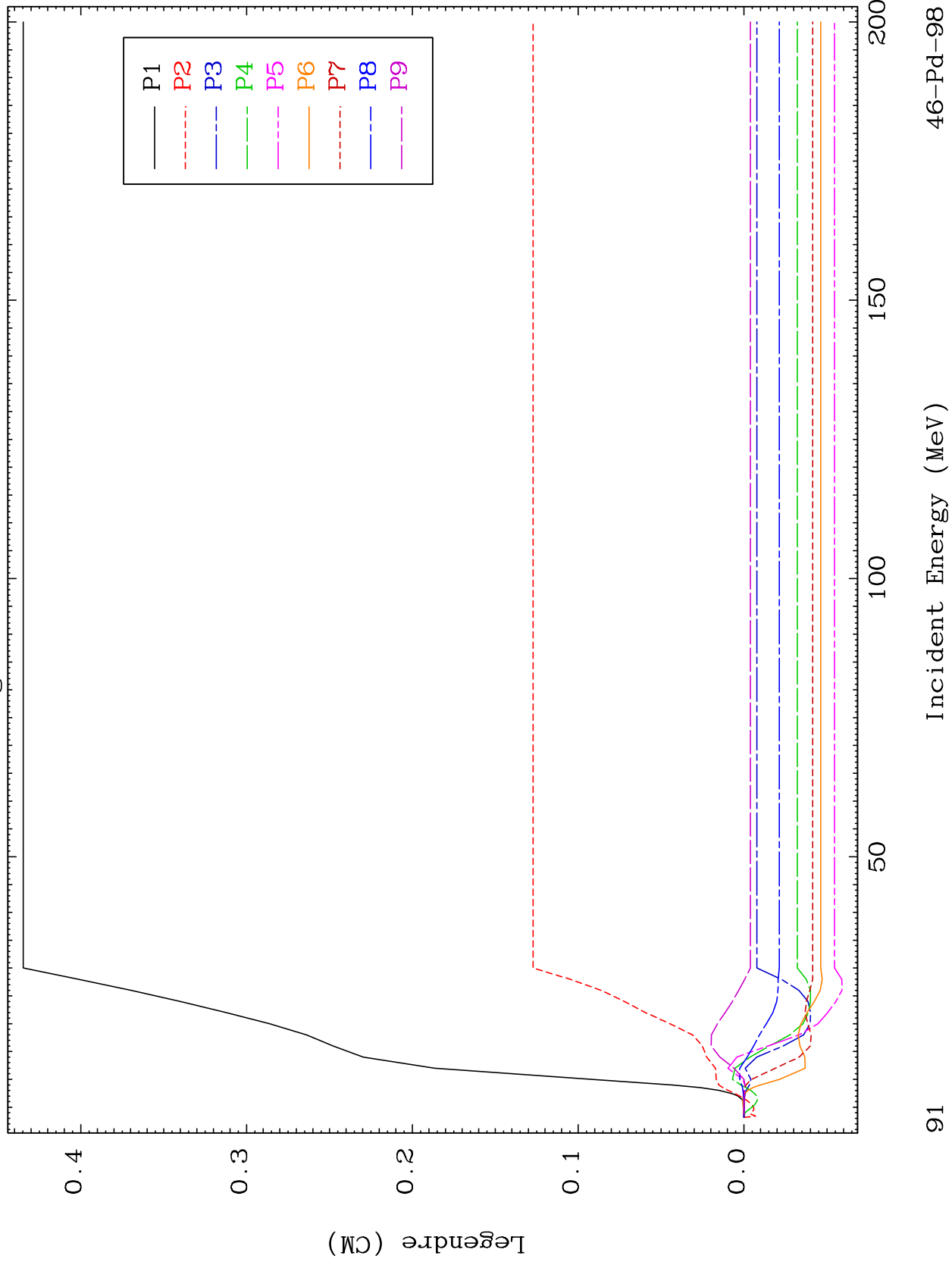
46-Pd-98



MAT 4613

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

46-Pd-98

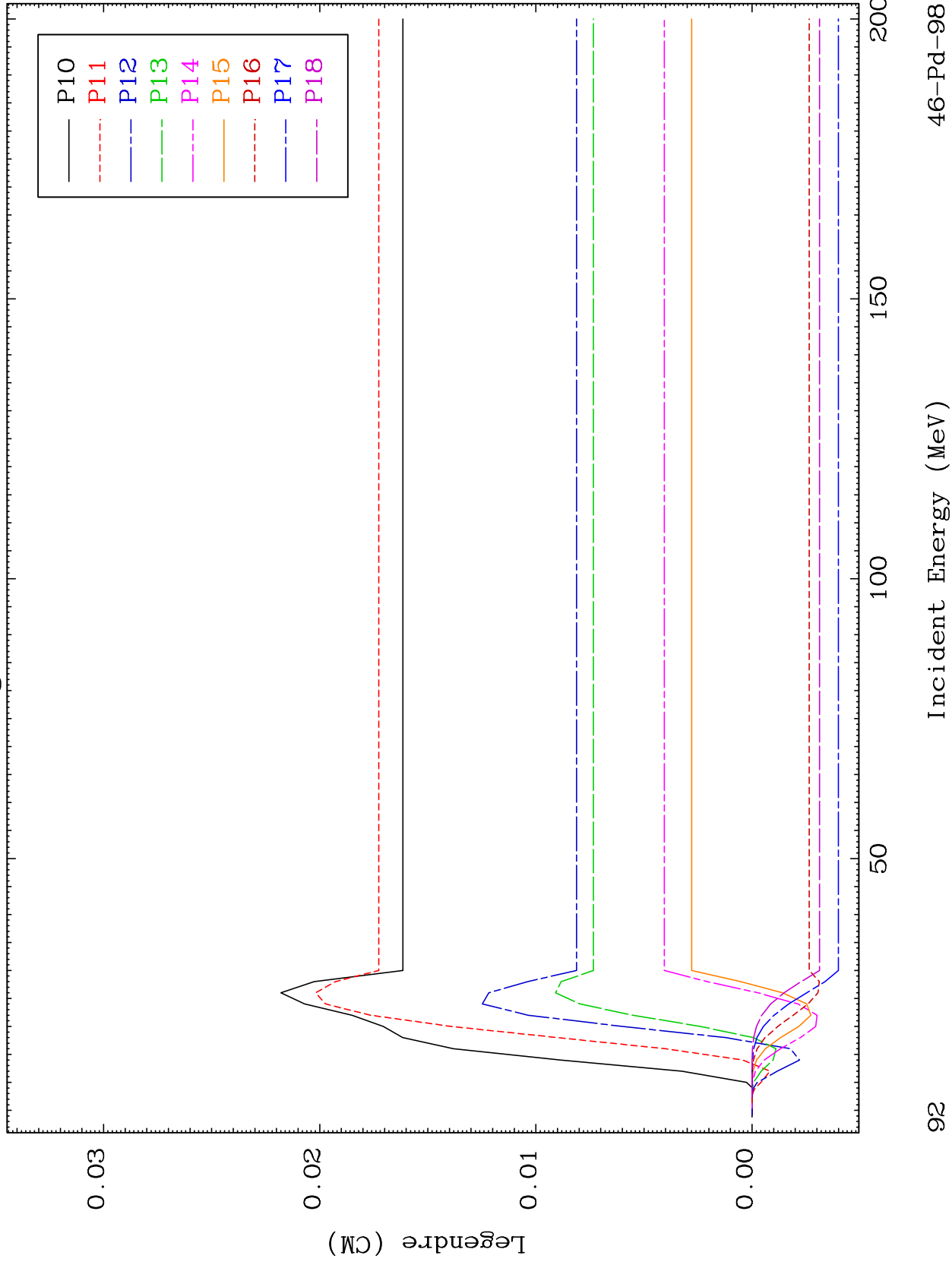


91

MAT 4613

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

46-Pd-98



92

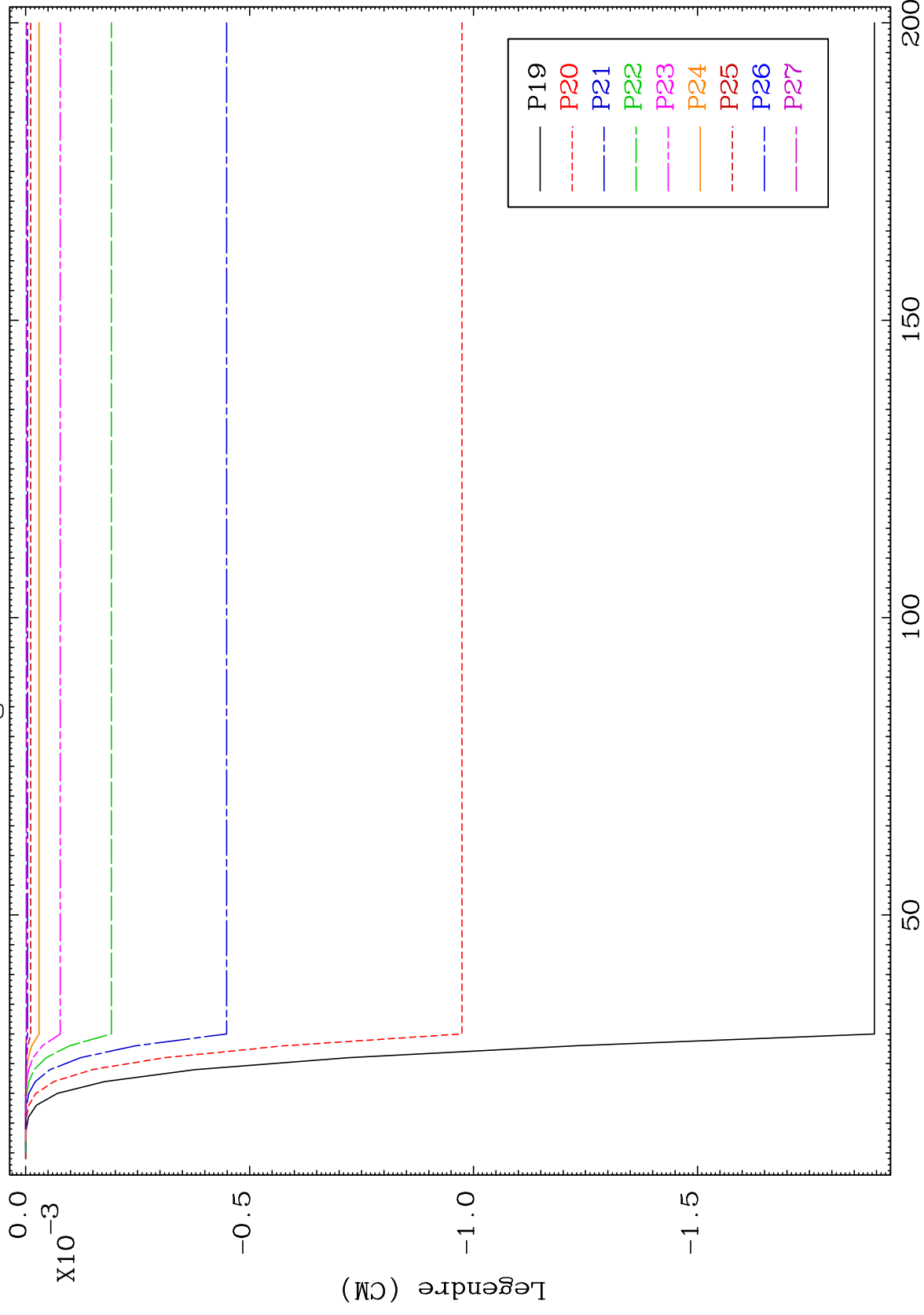
Incident Energy (MeV)

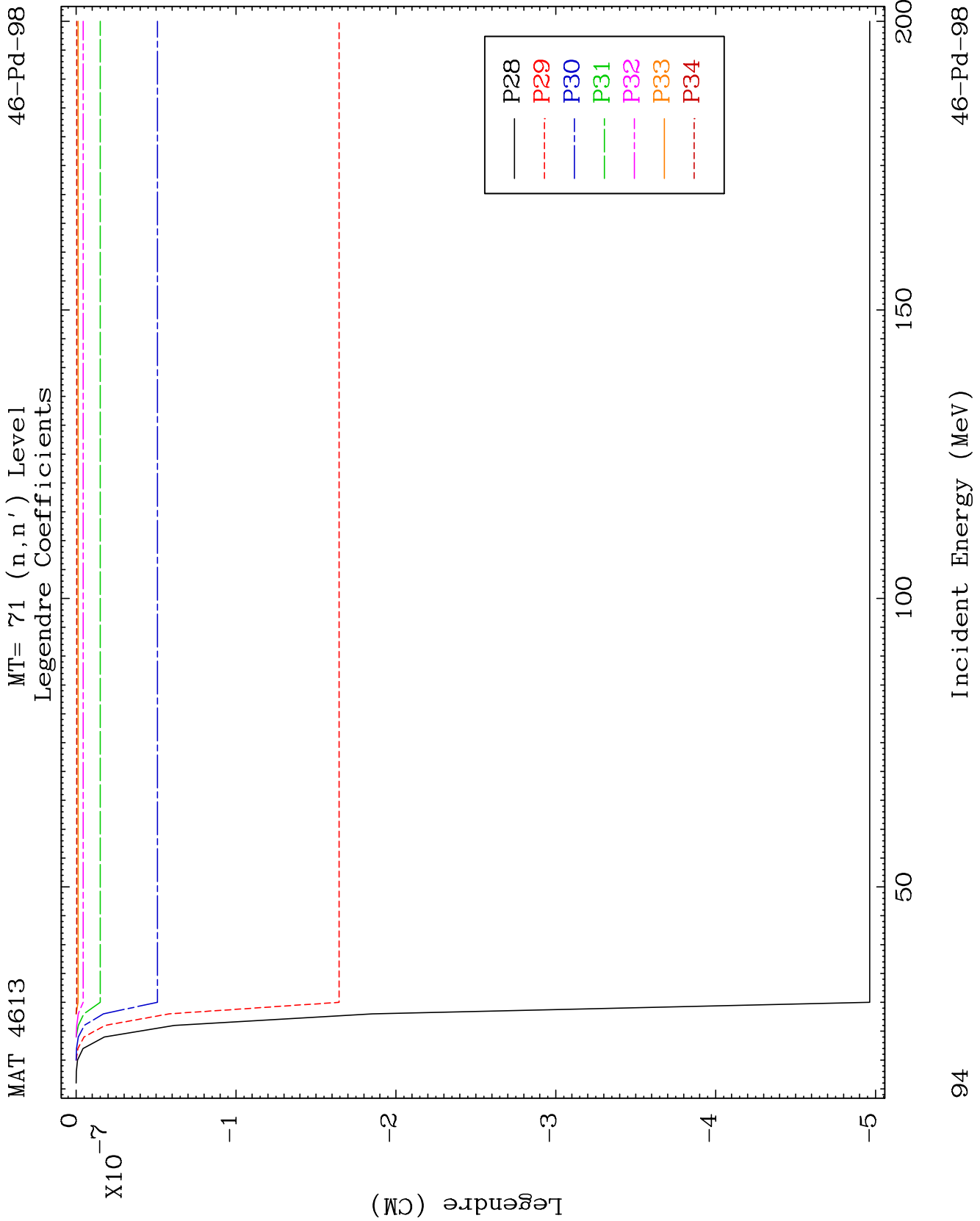
46-Pd-98

MAT 4613

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

46-Pd-98

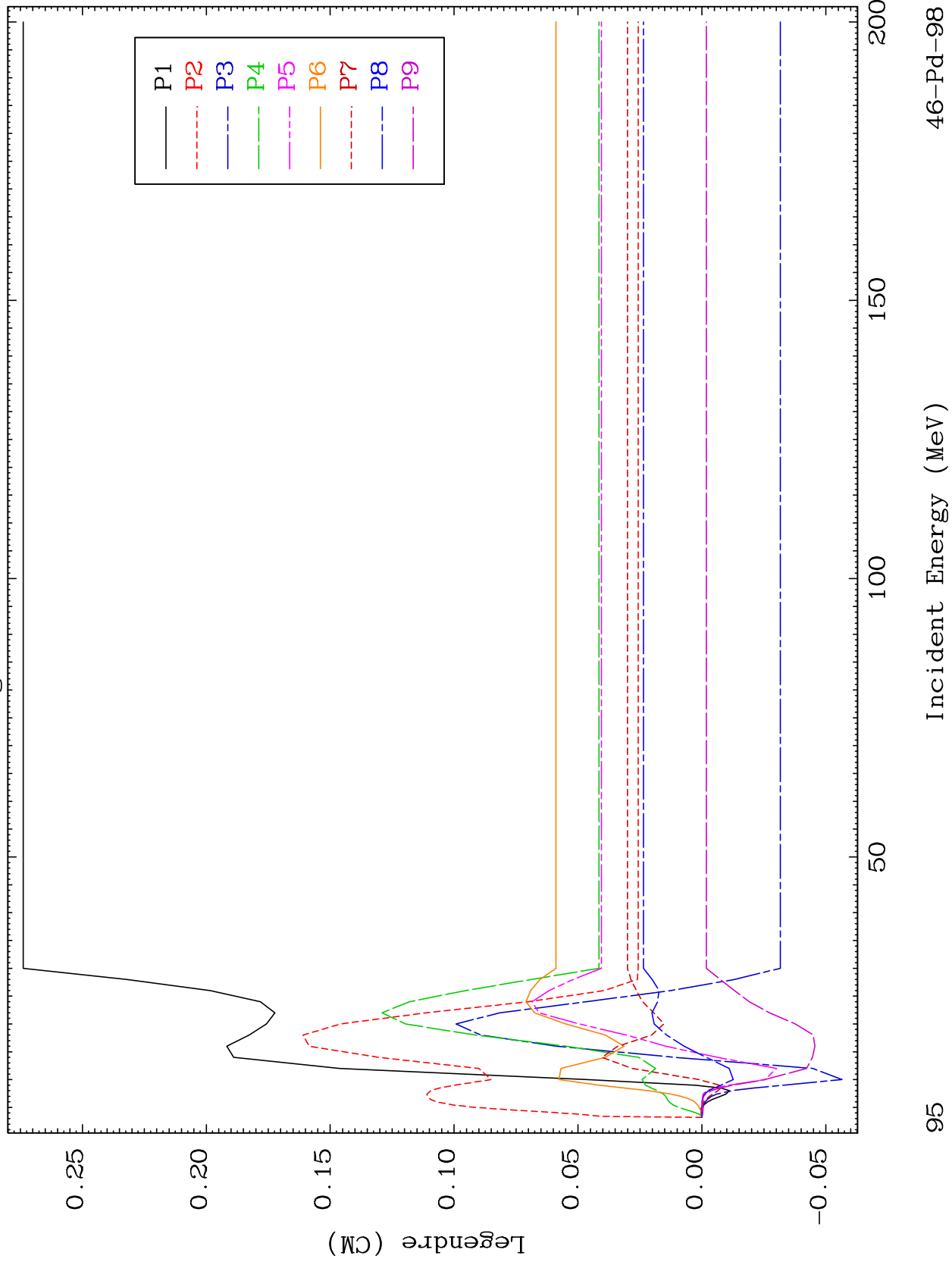




MAT 4613

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

46-Pd-98



95

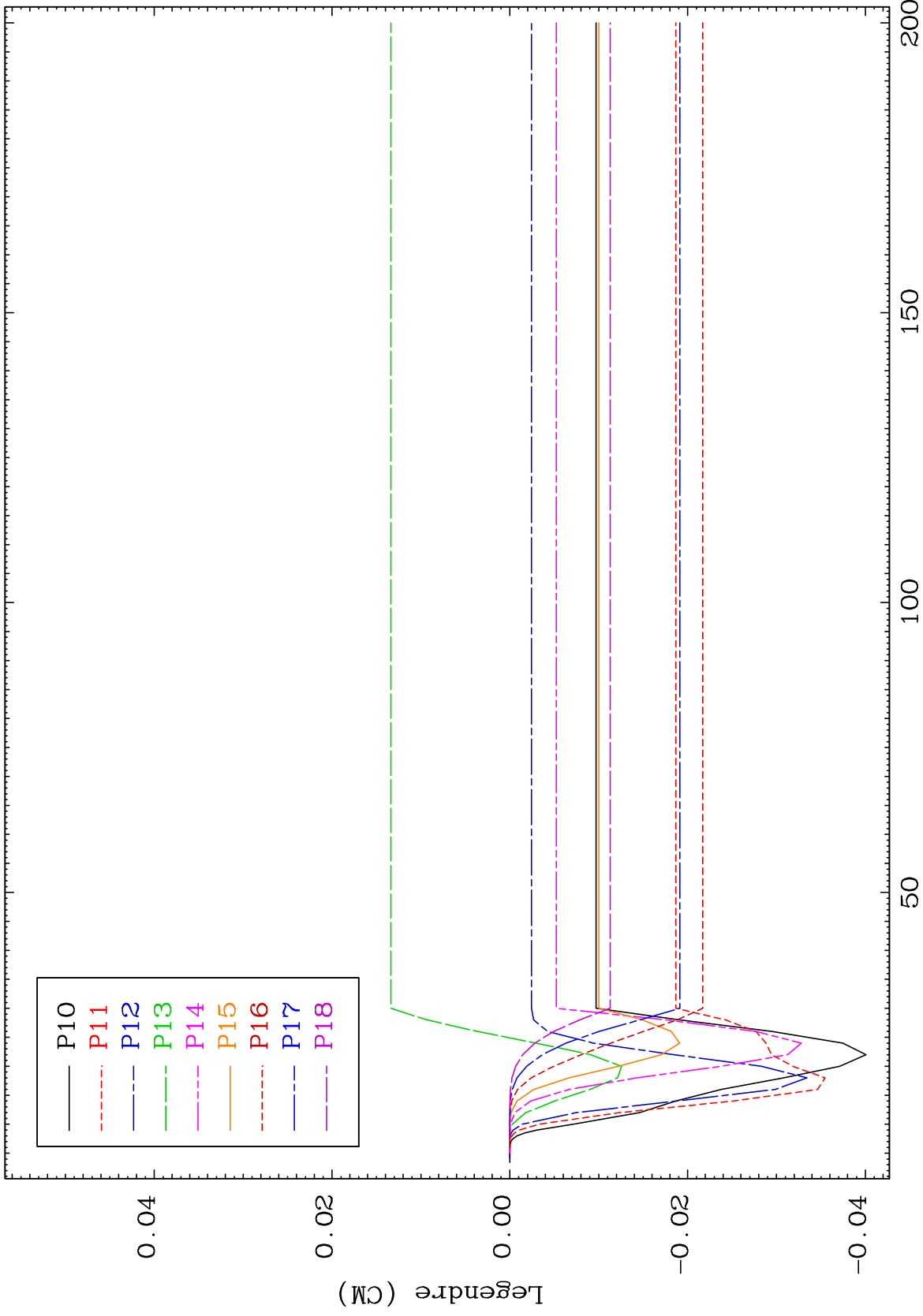
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

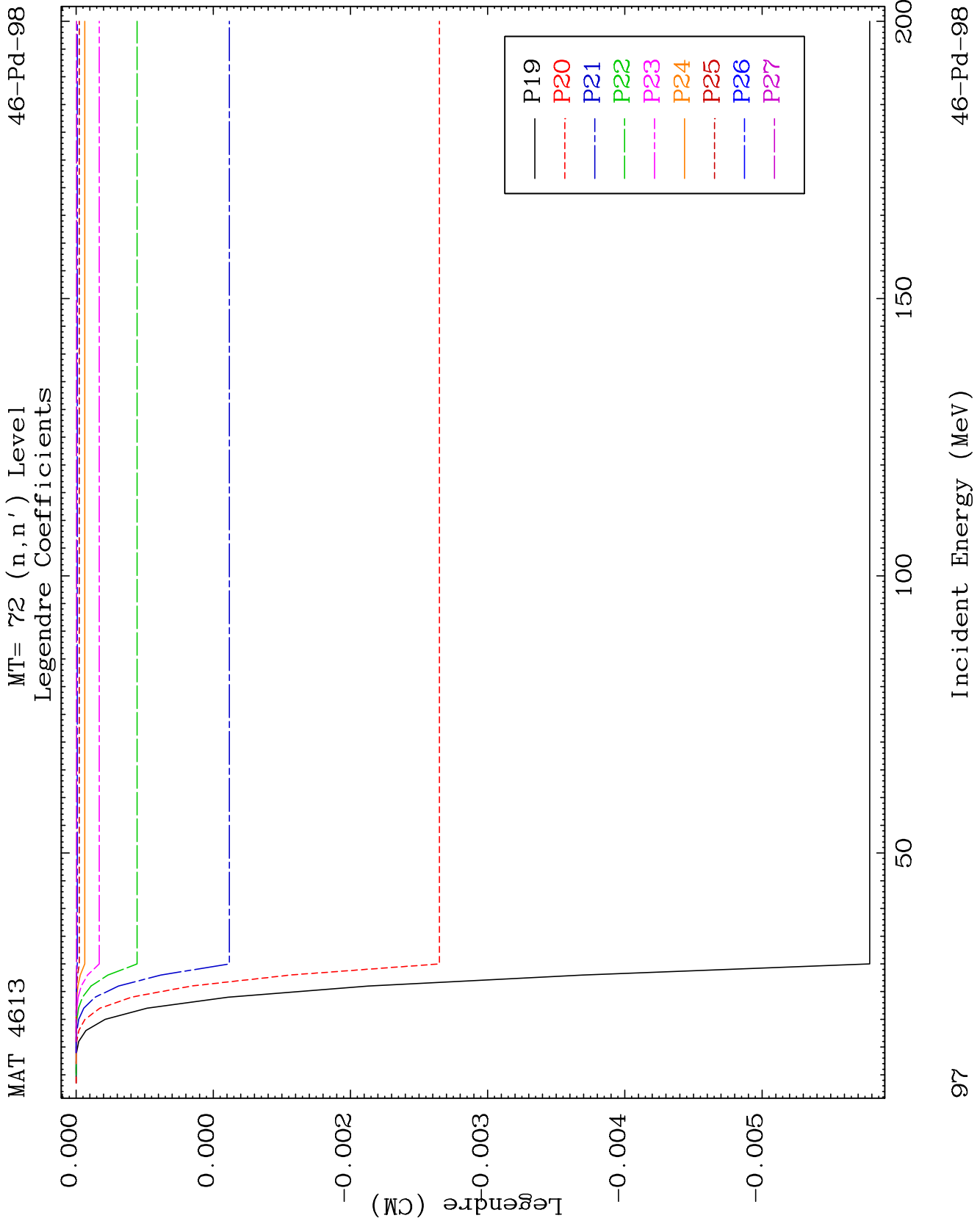
46-Pd-98

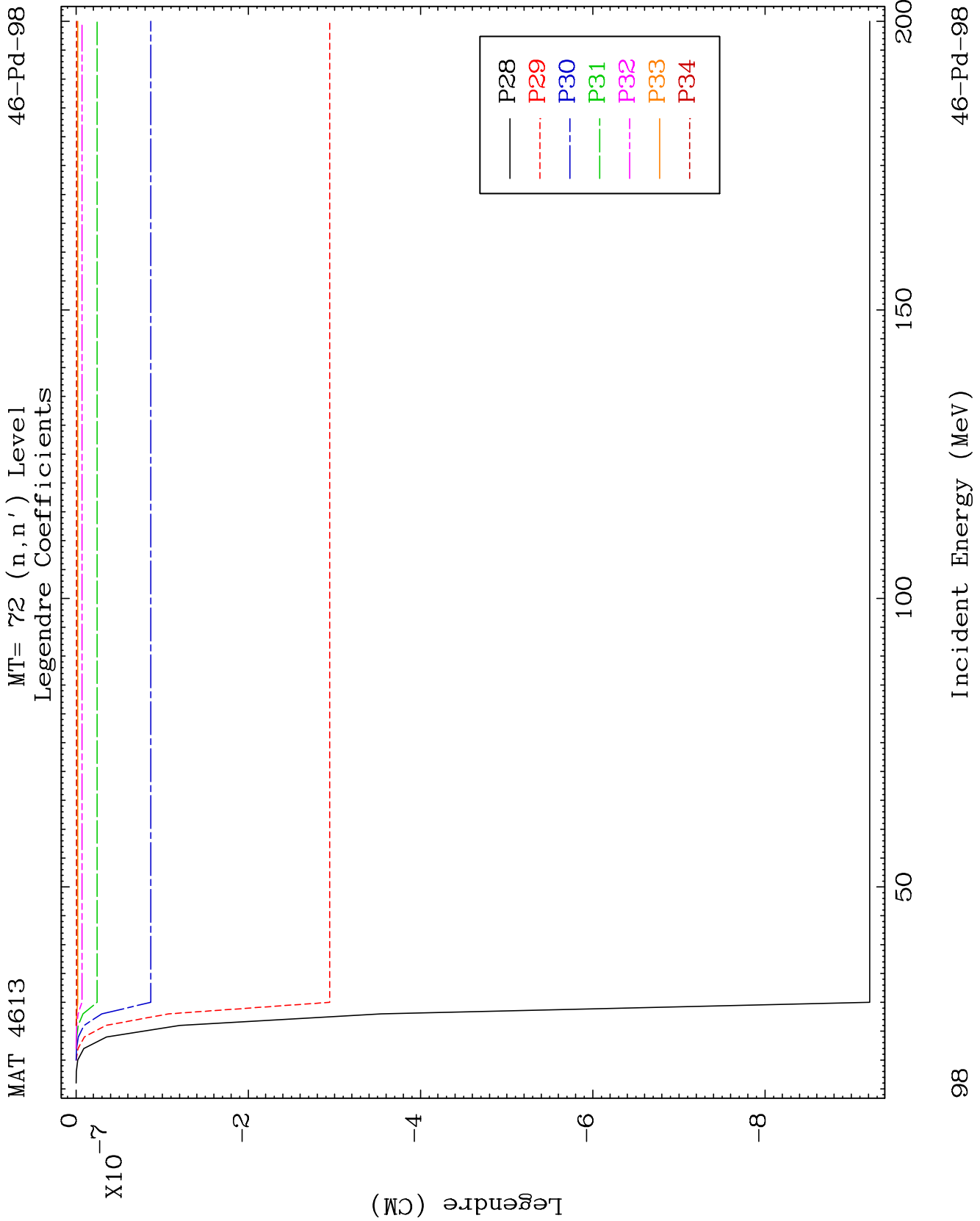


96

Incident Energy (MeV)

46-Pd-98

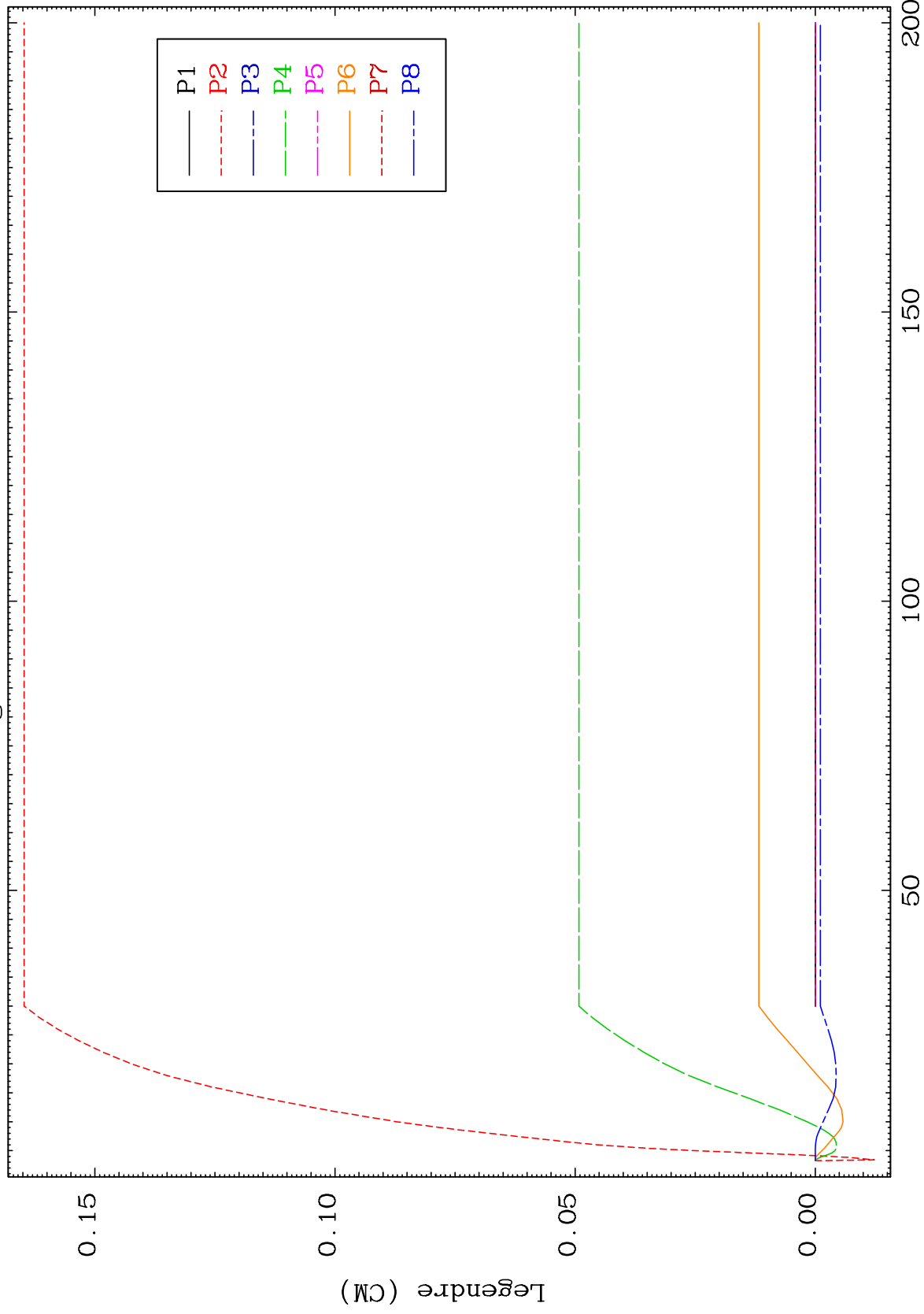




MAT 4613

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

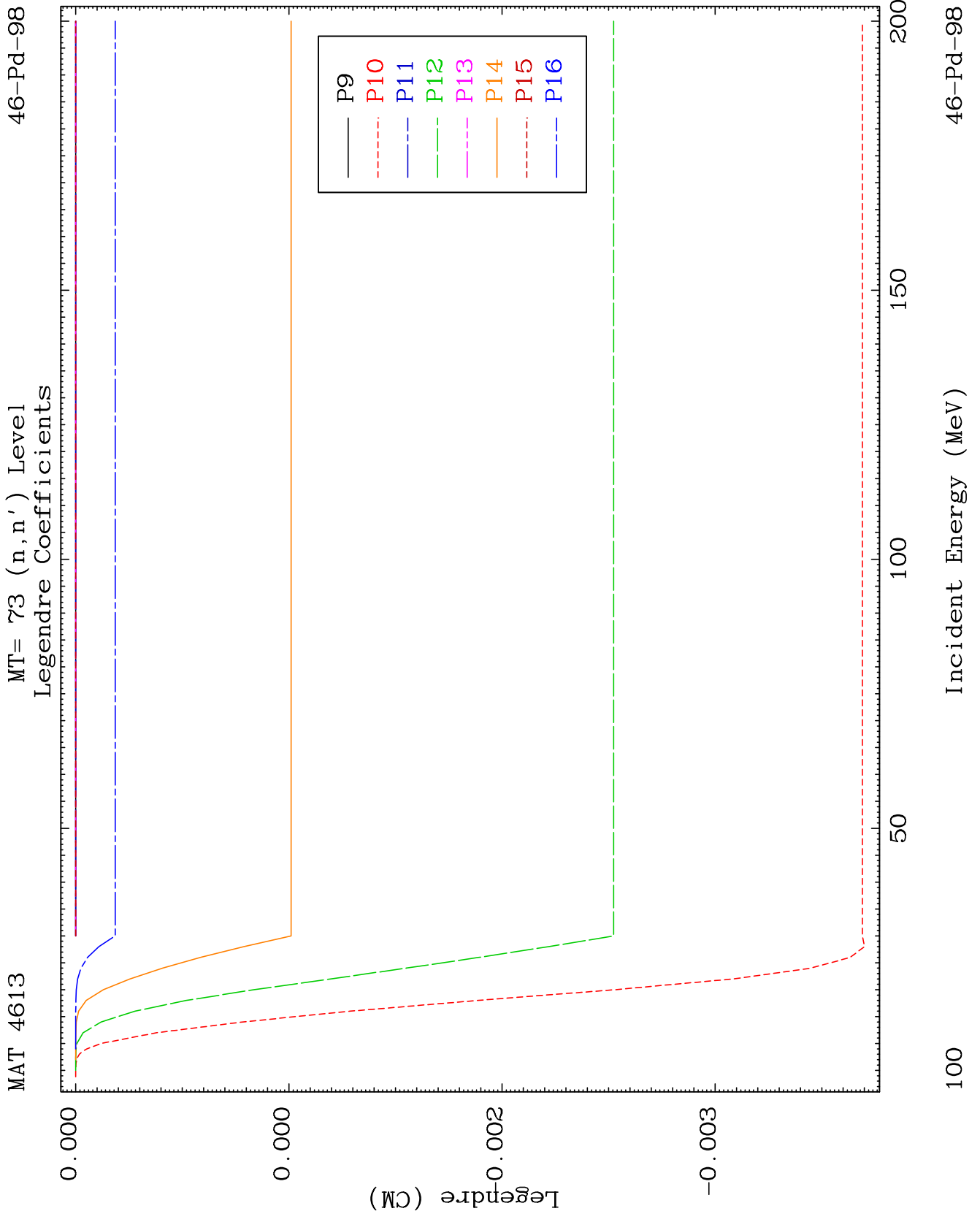
46-Pd-98

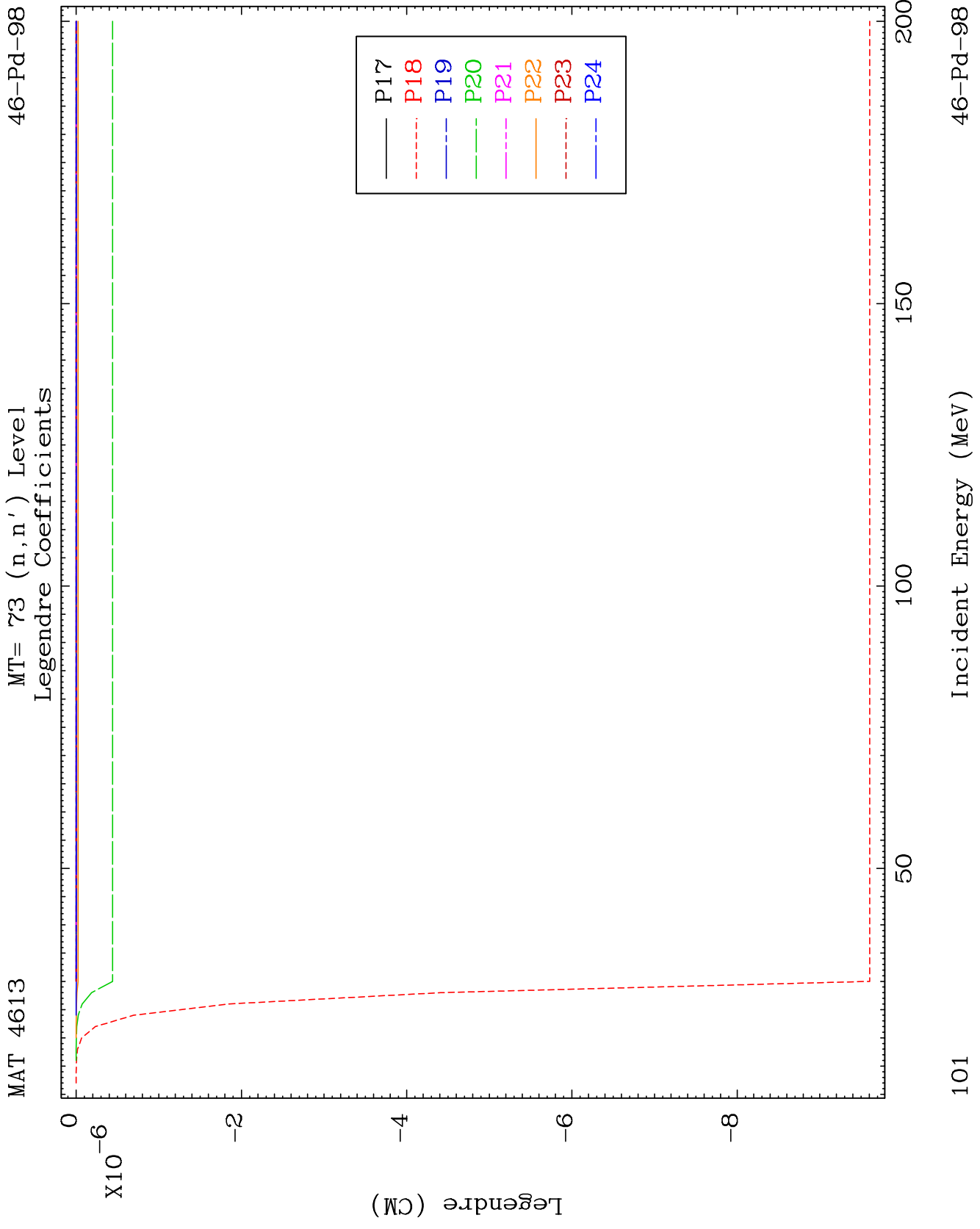


99

Incident Energy (MeV)

46-Pd-98

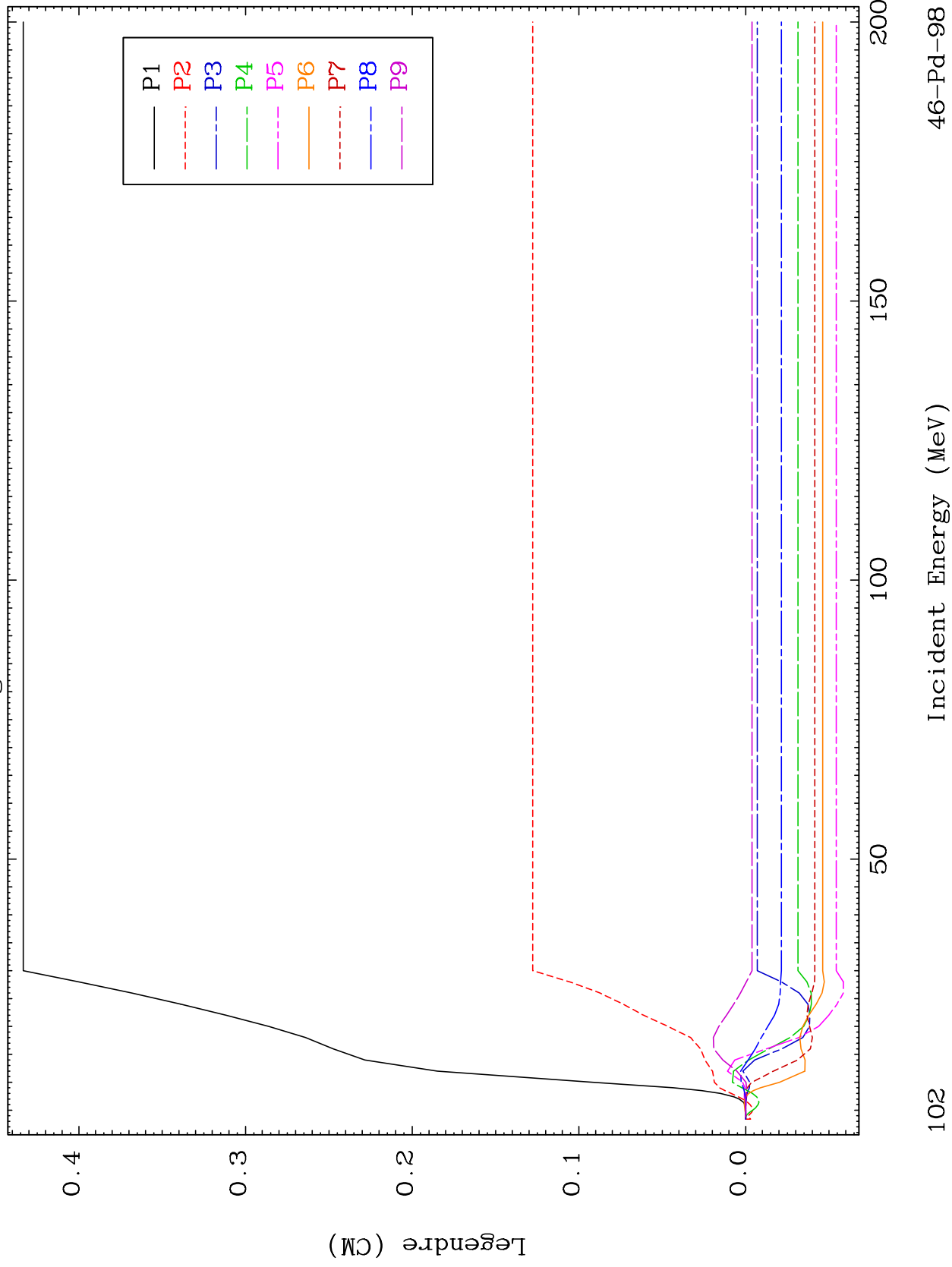




MAT 4613

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

46-Pd-98

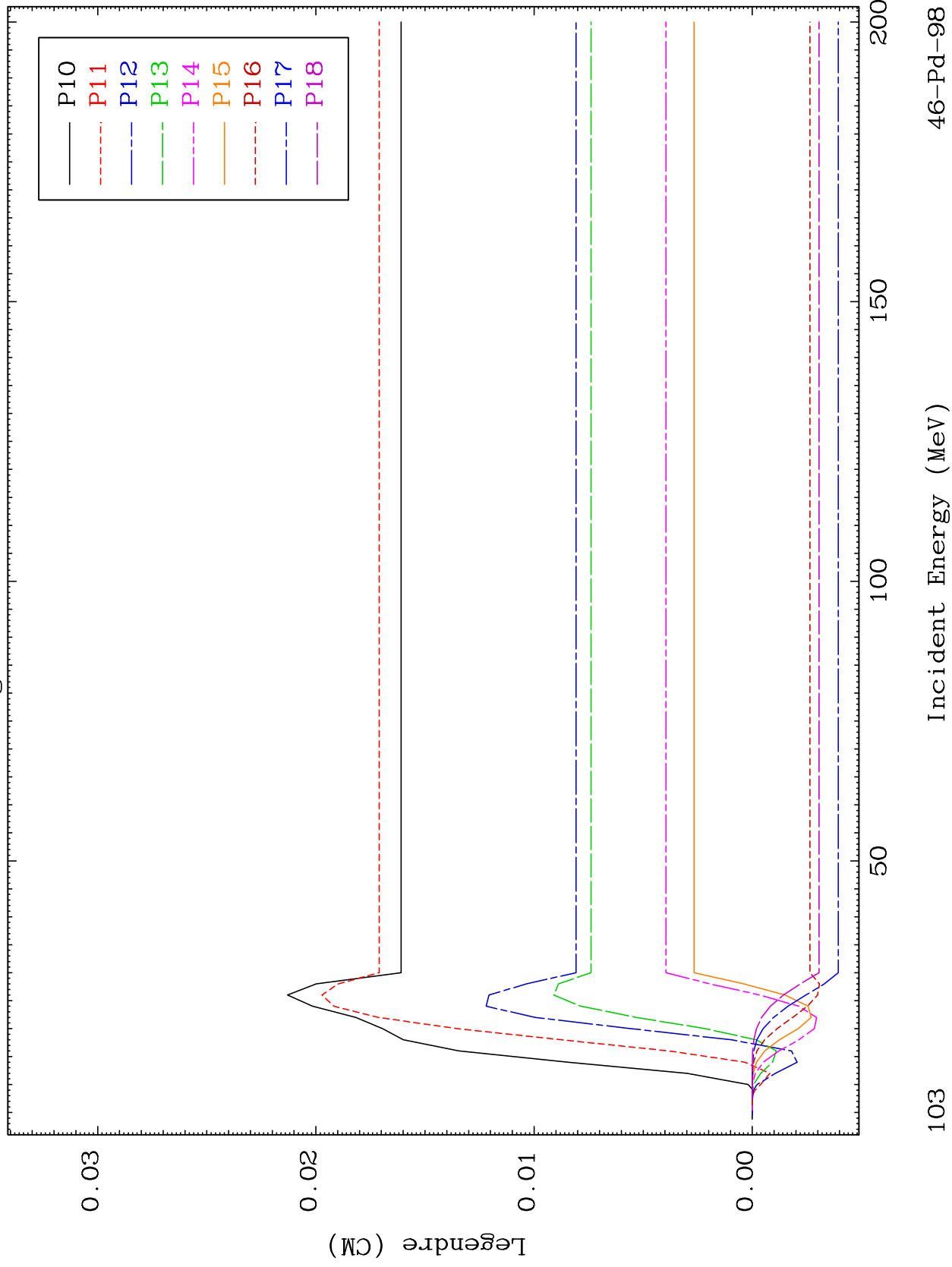


102

MAT 4613

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

46-Pd-98



103

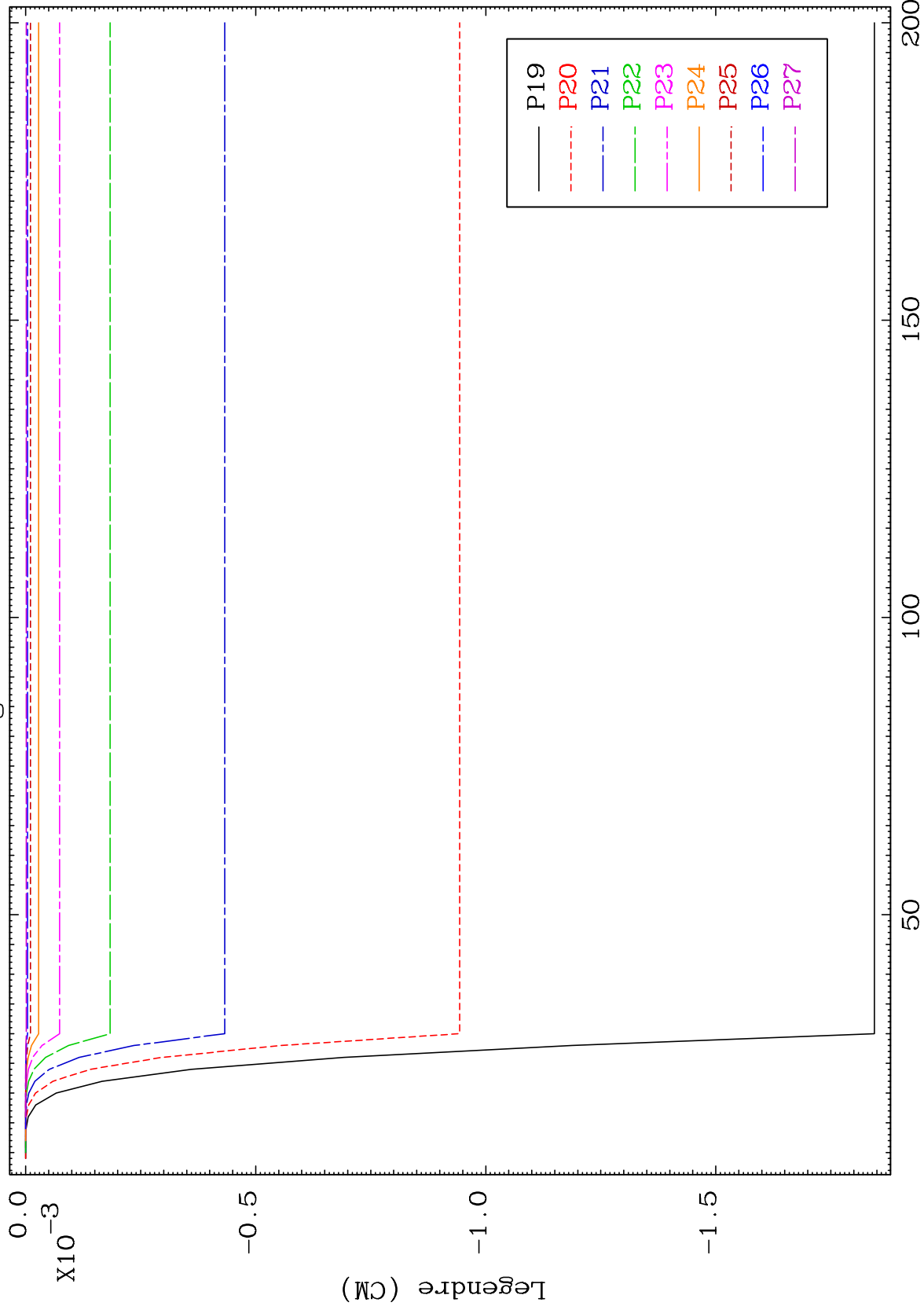
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

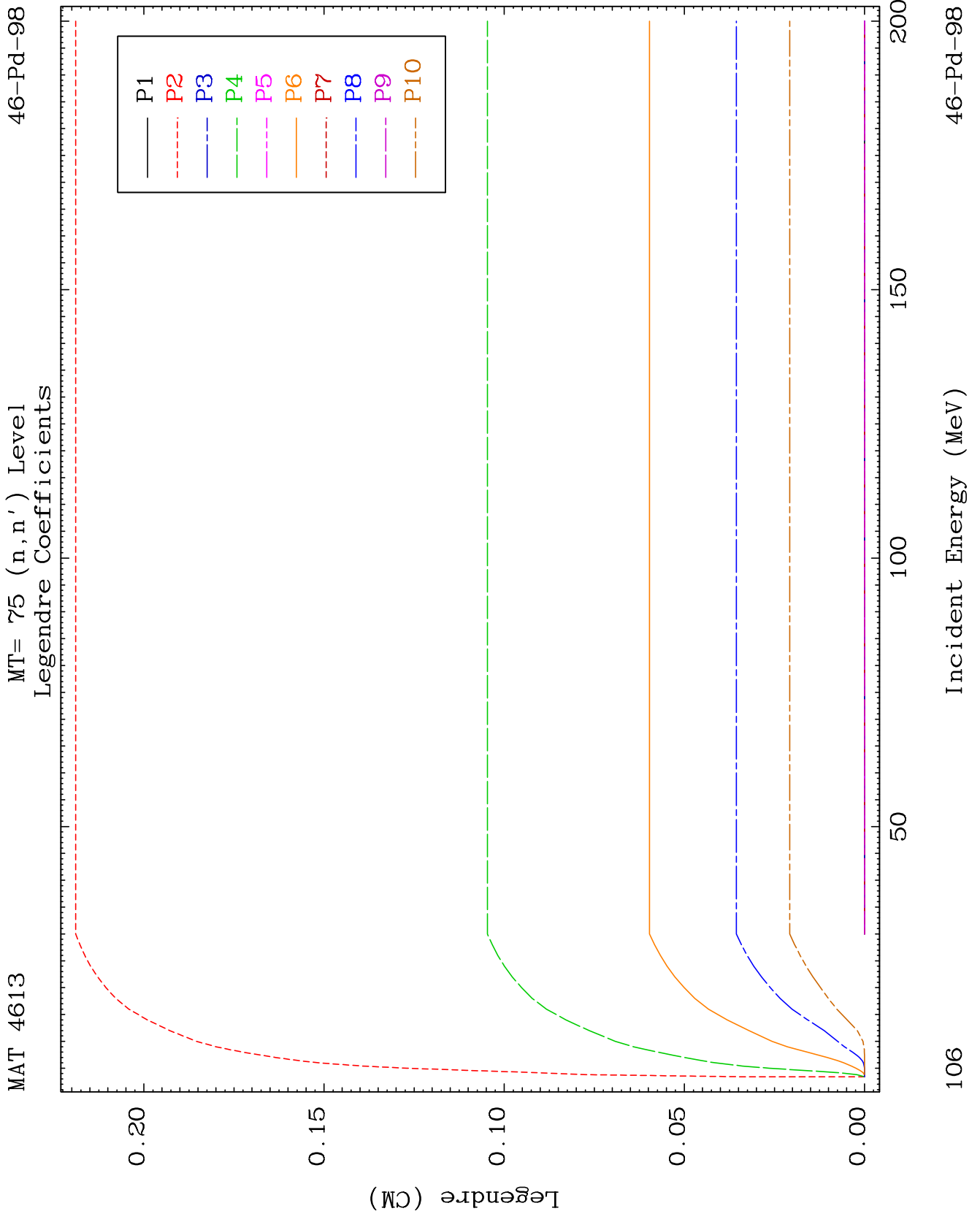
46-Pd-98

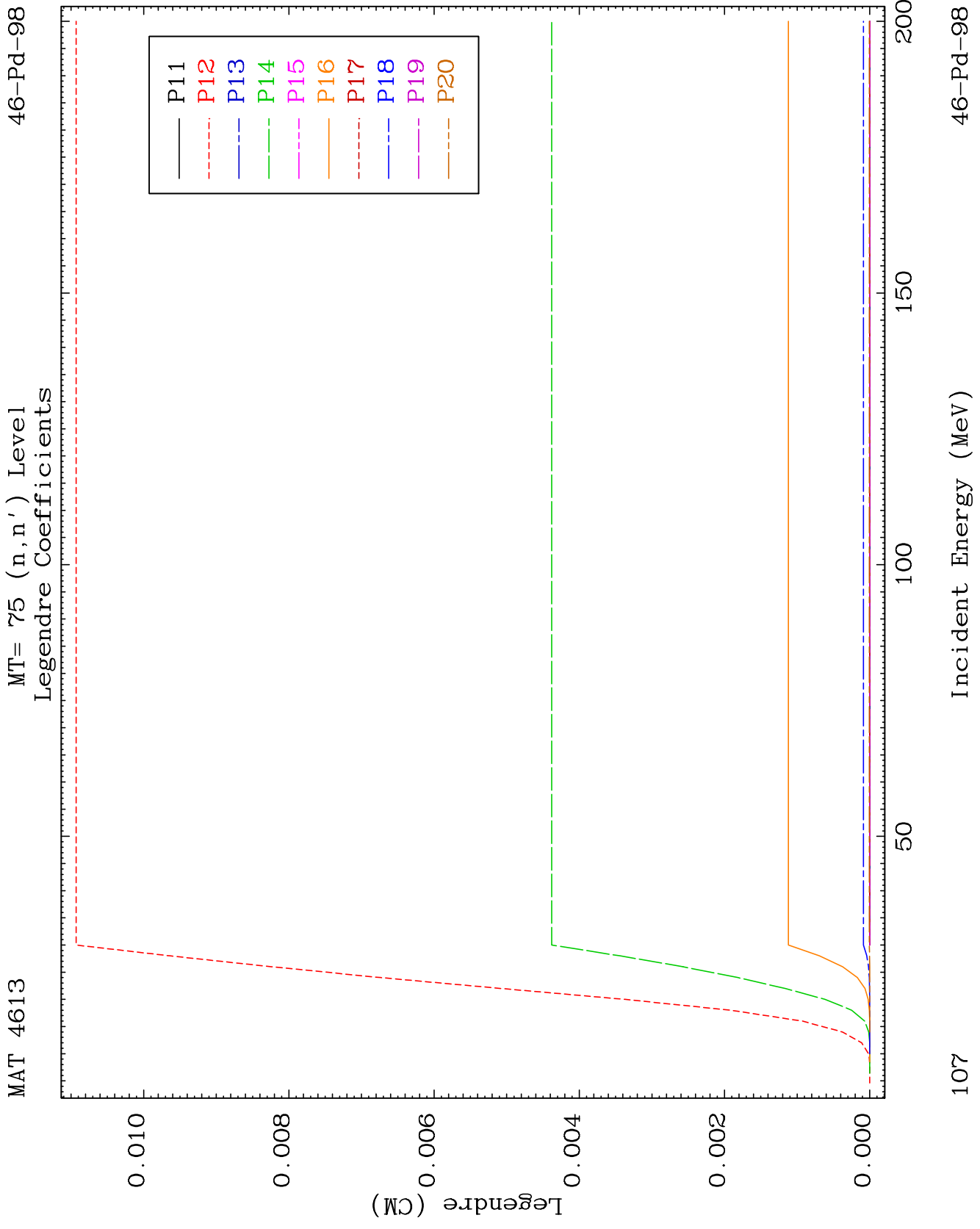


104

Incident Energy (MeV)

46-Pd-98

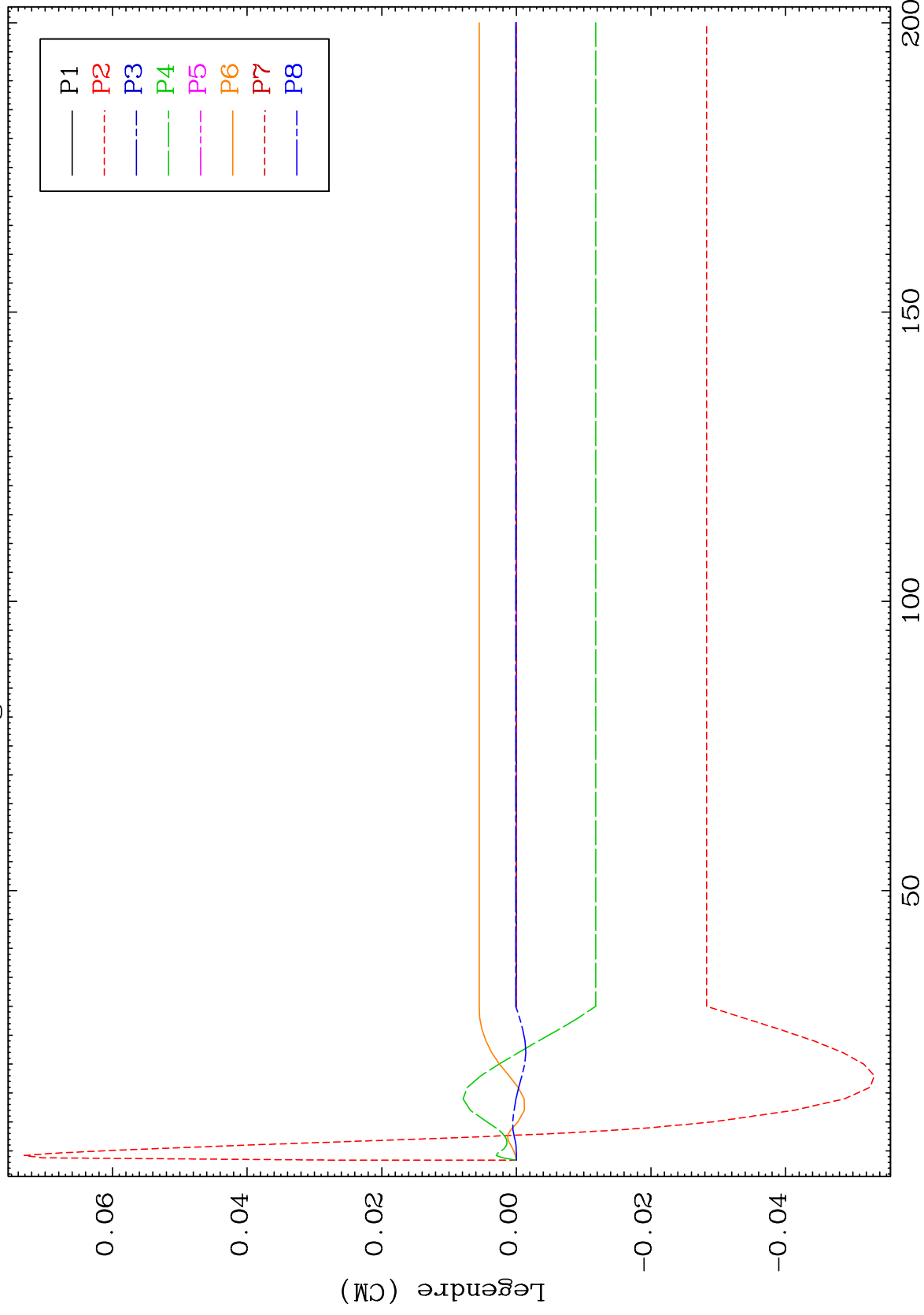




MAT 4613

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

46-Pd-98



109

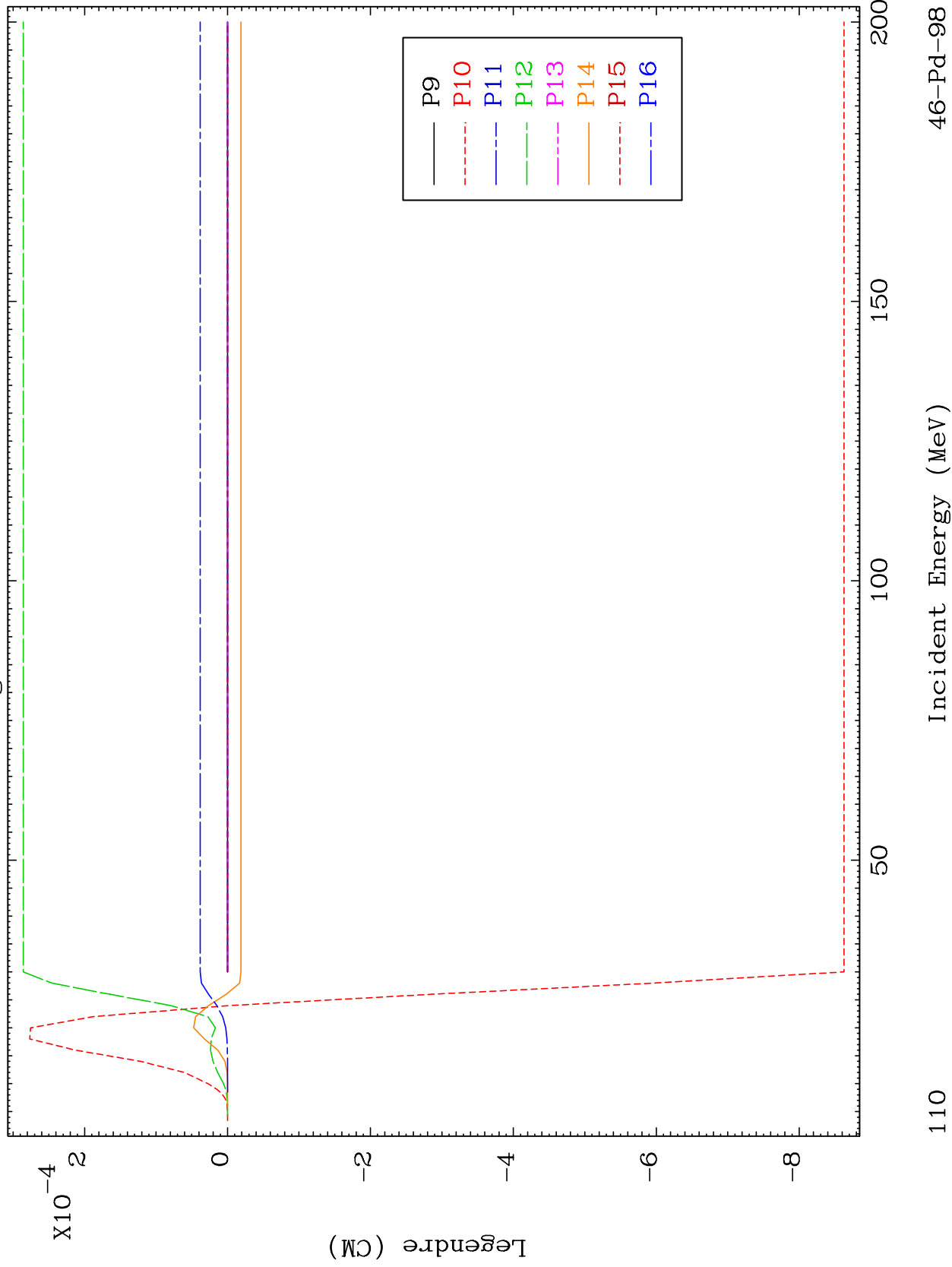
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

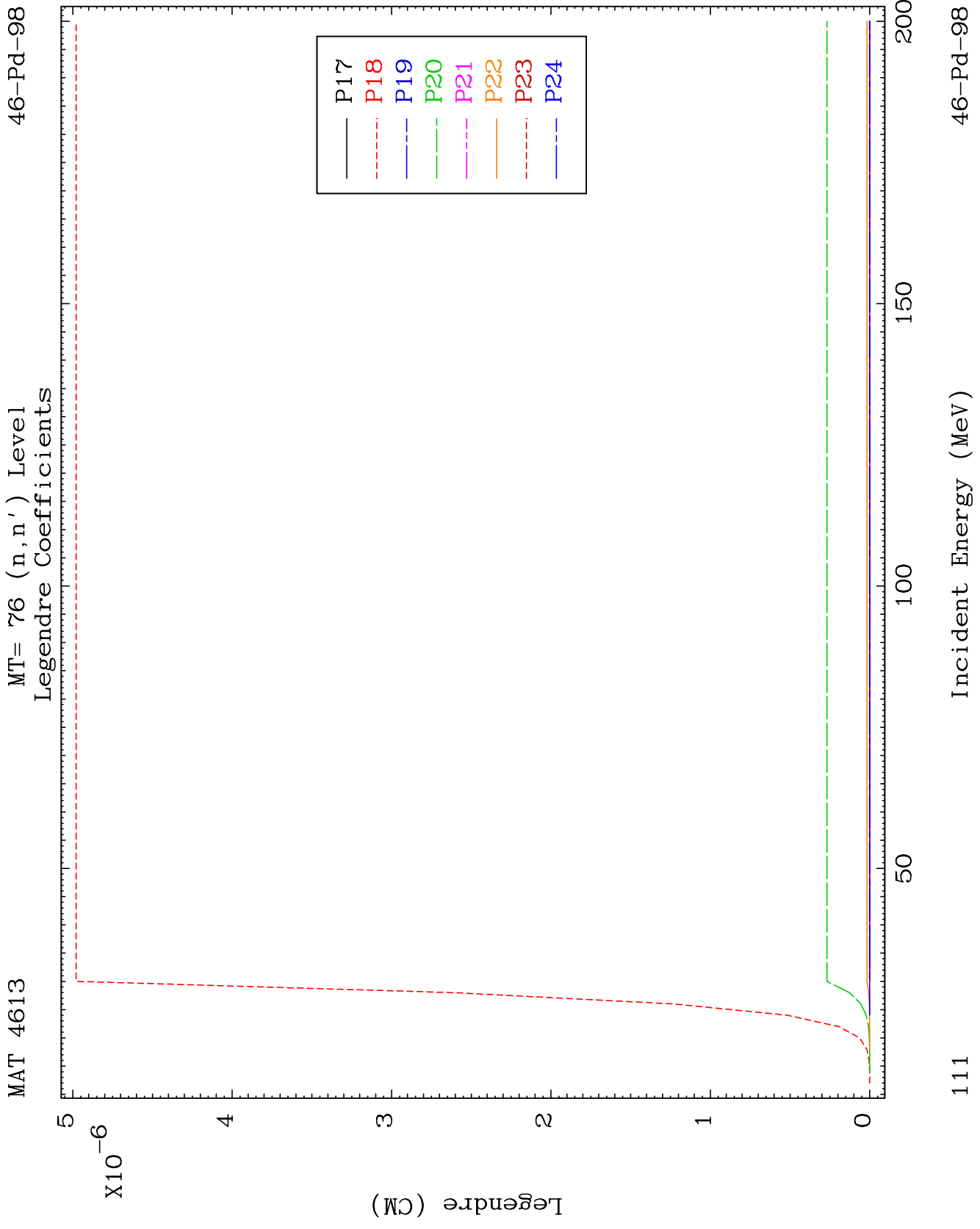
46-Pd-98



110

Incident Energy (MeV)

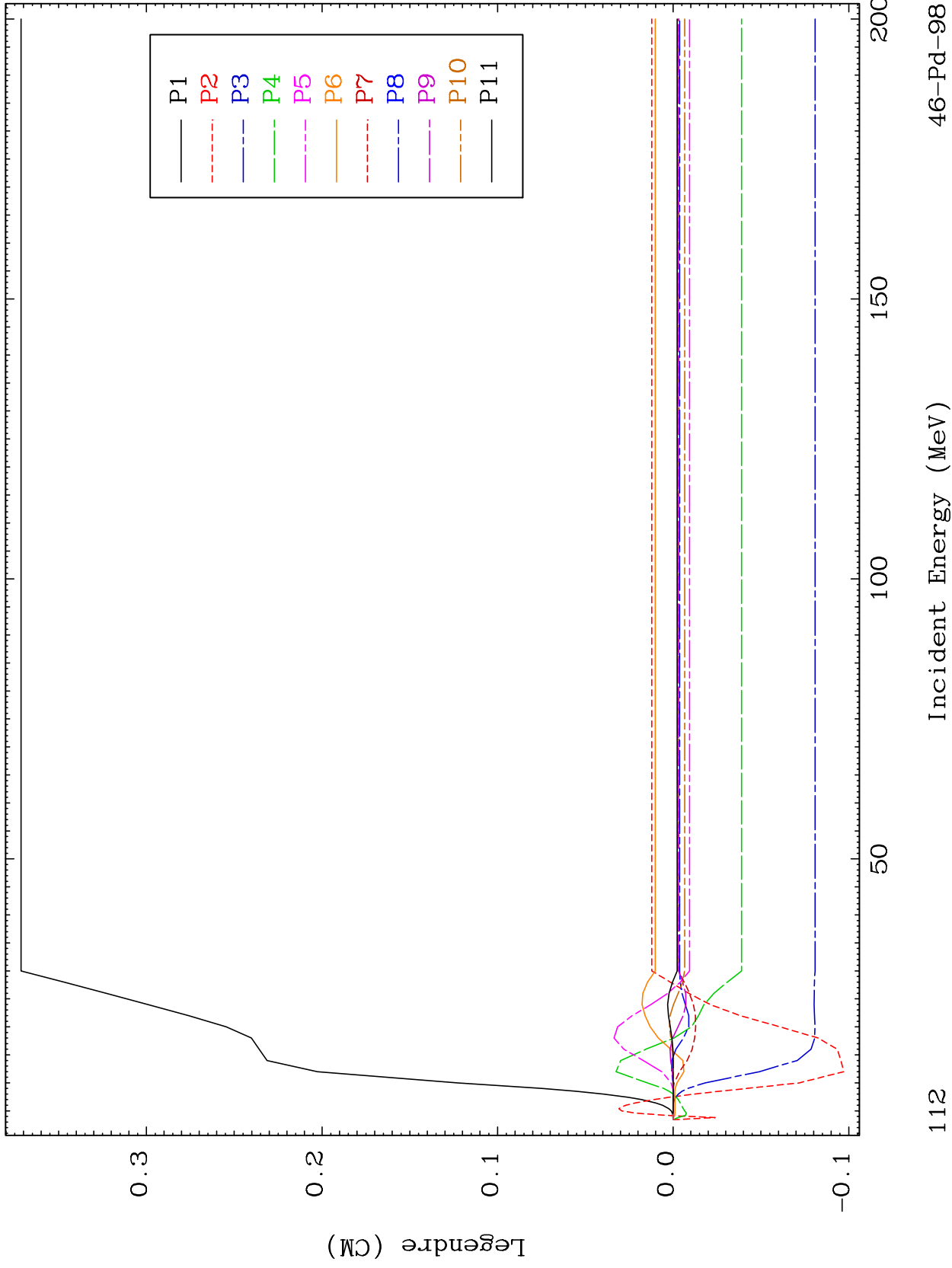
46-Pd-98



MAT 4613

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

46-Pd-98



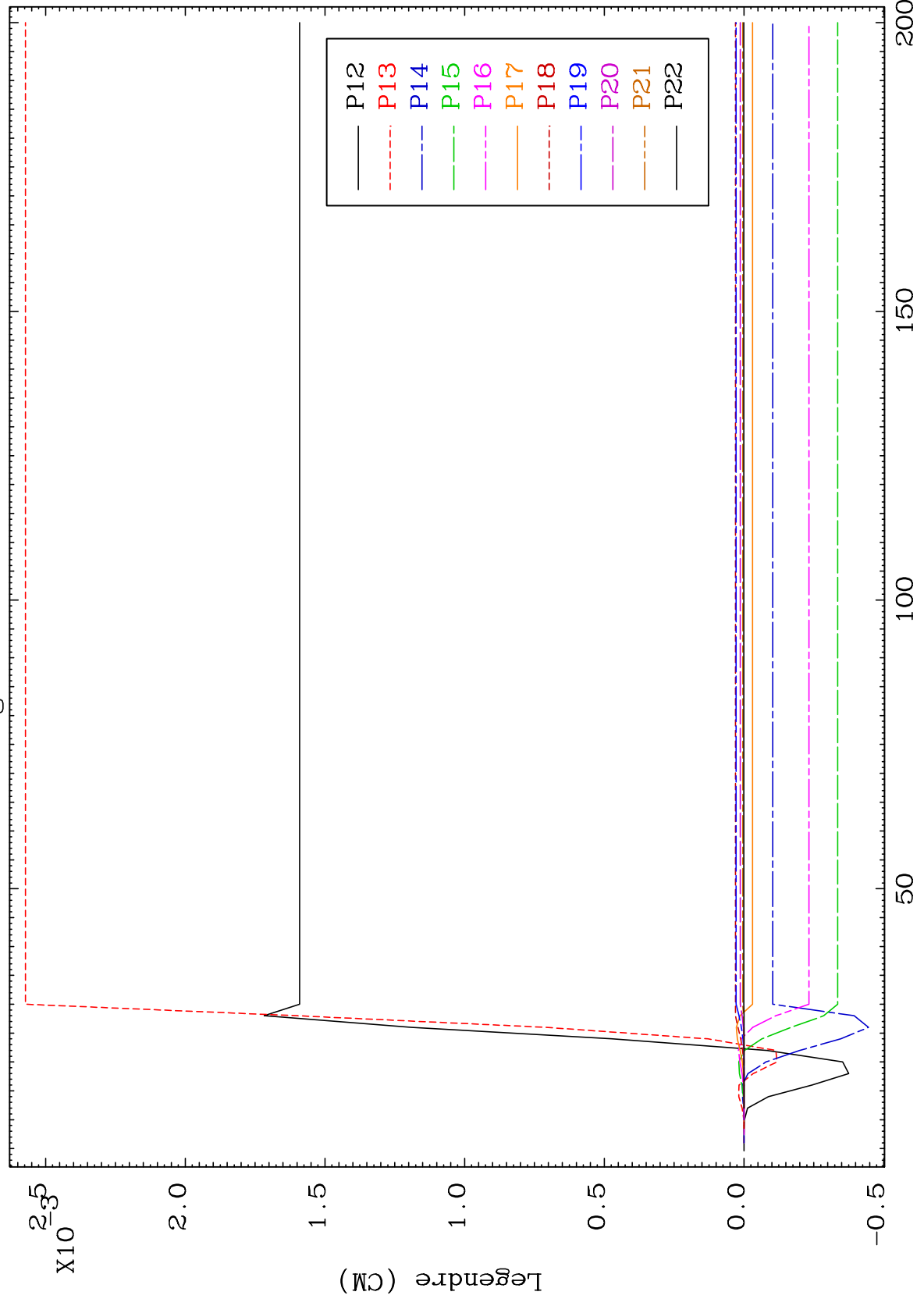
112

46-Pd-98

MAT 4613

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

46-Pd-98



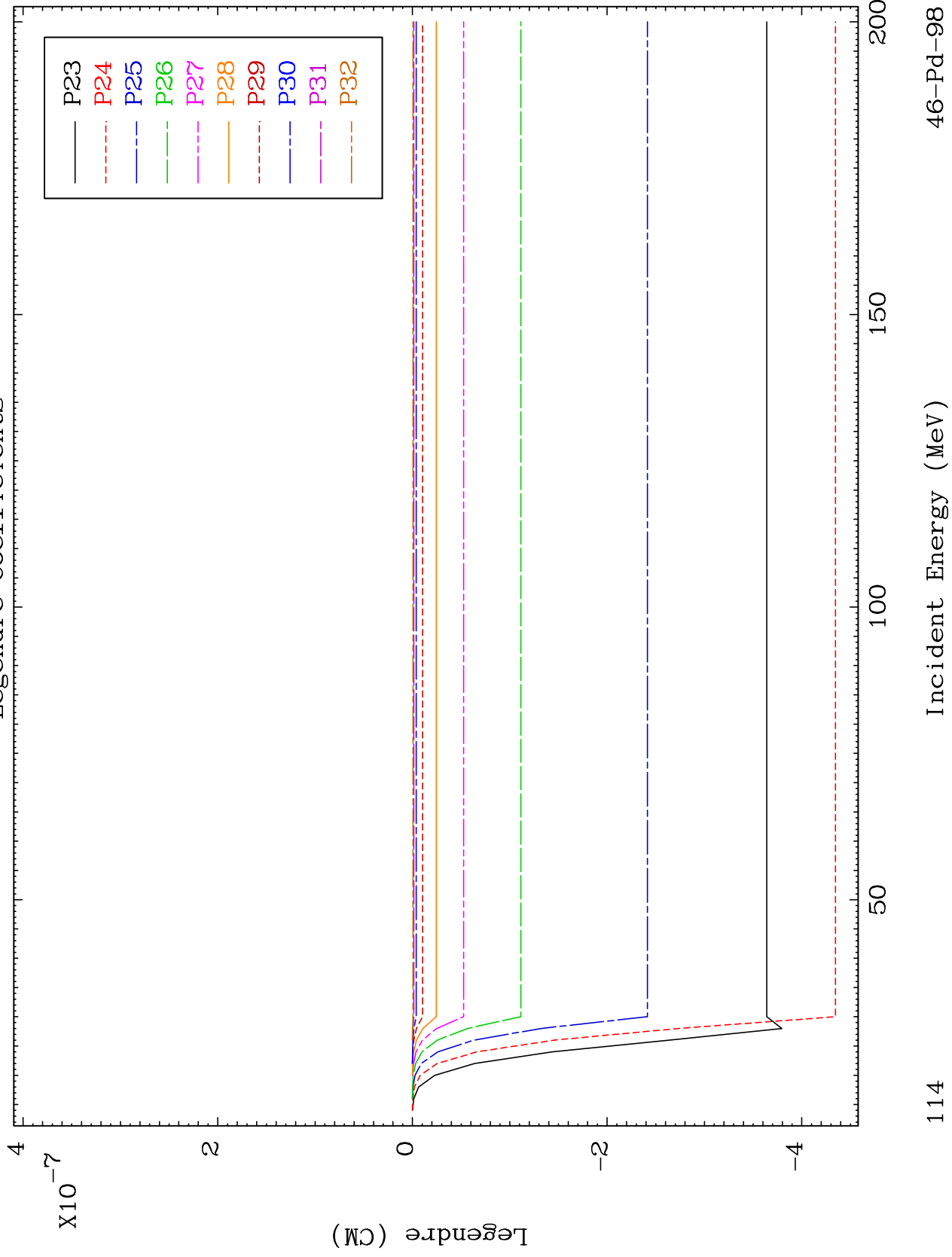
113

46-Pd-98

MAT 4613

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

46-Pd-98



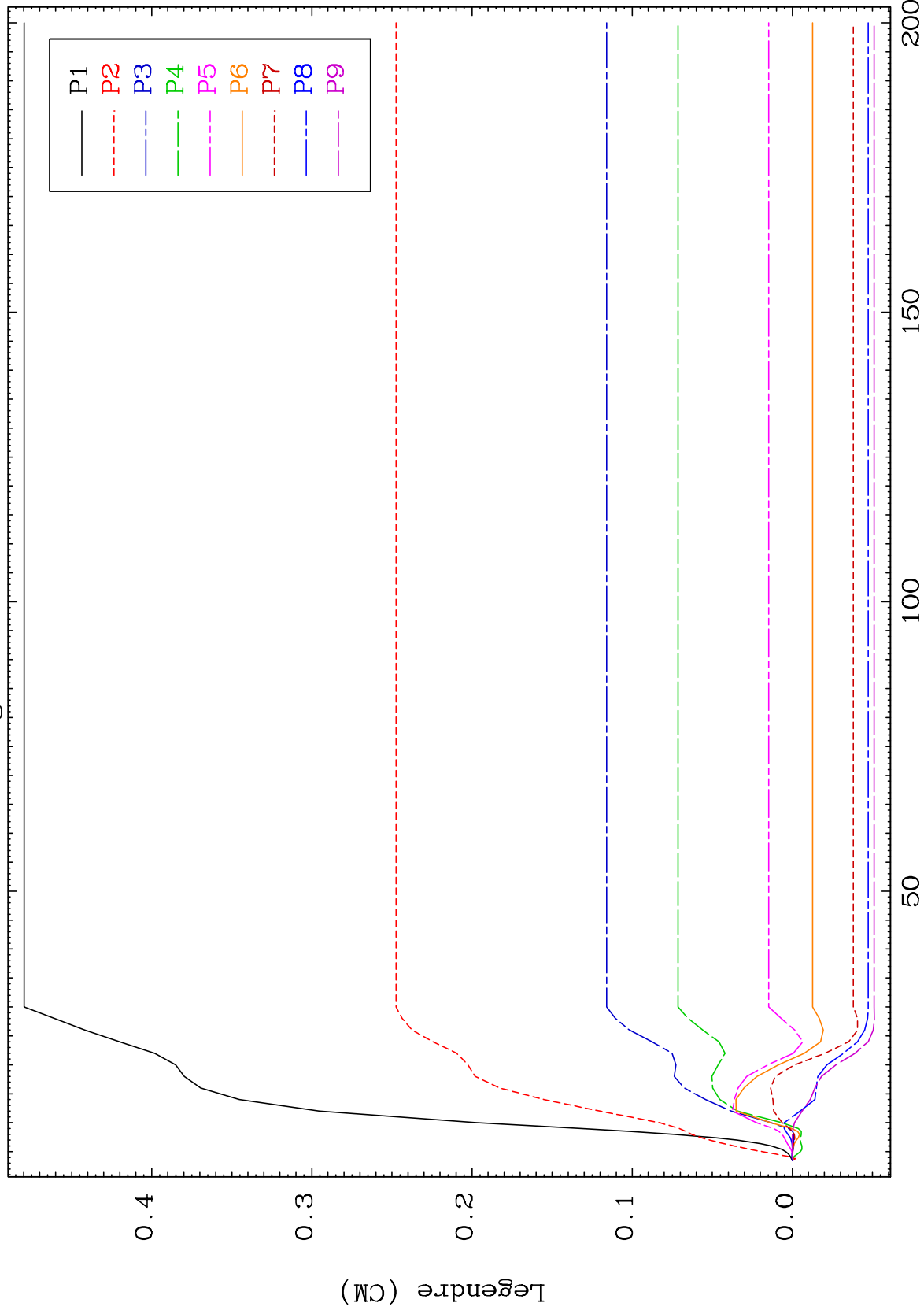
114

46-Pd-98

MAT 4613

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

46-Pd-98



115

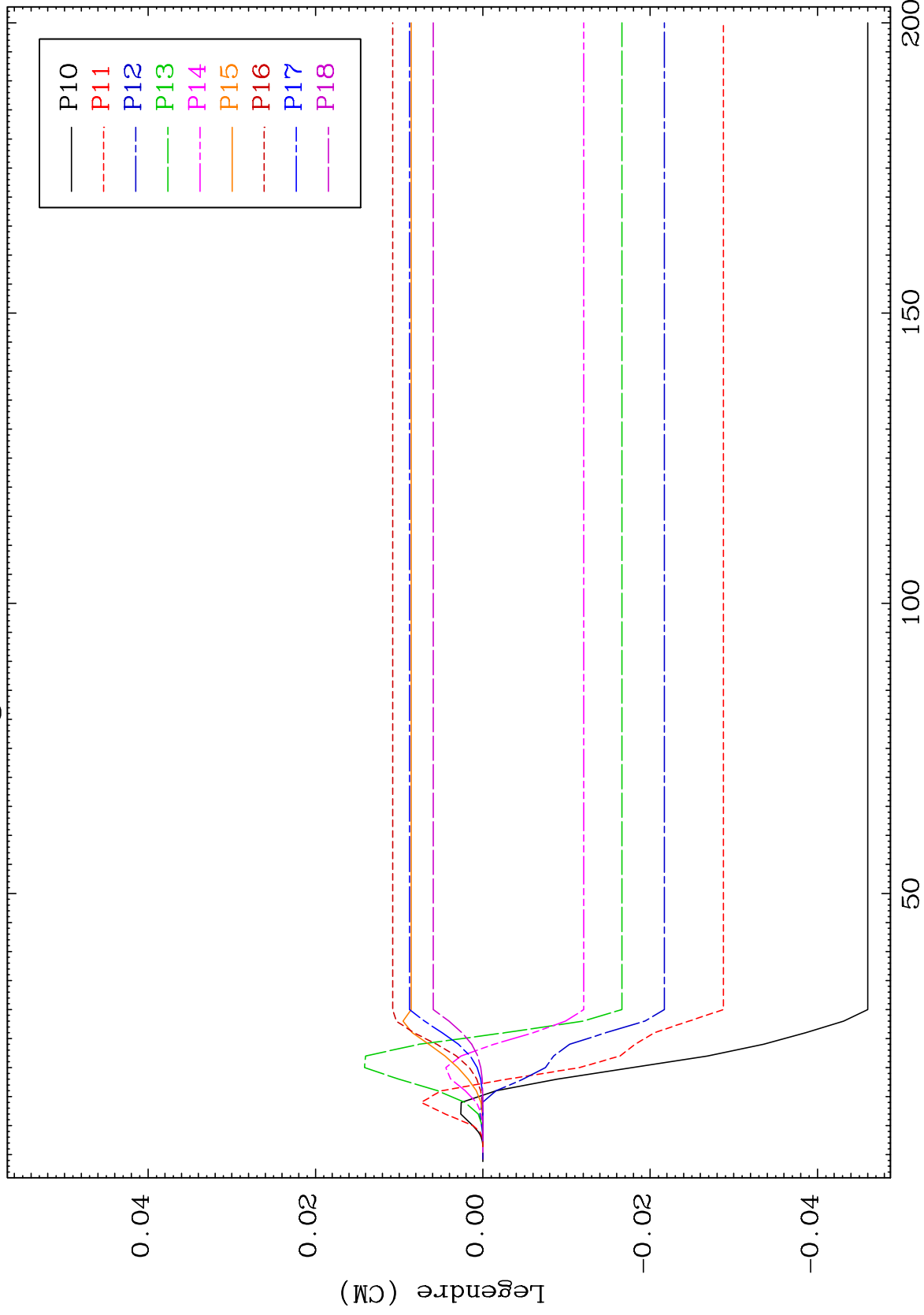
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

46-Pd-98



116

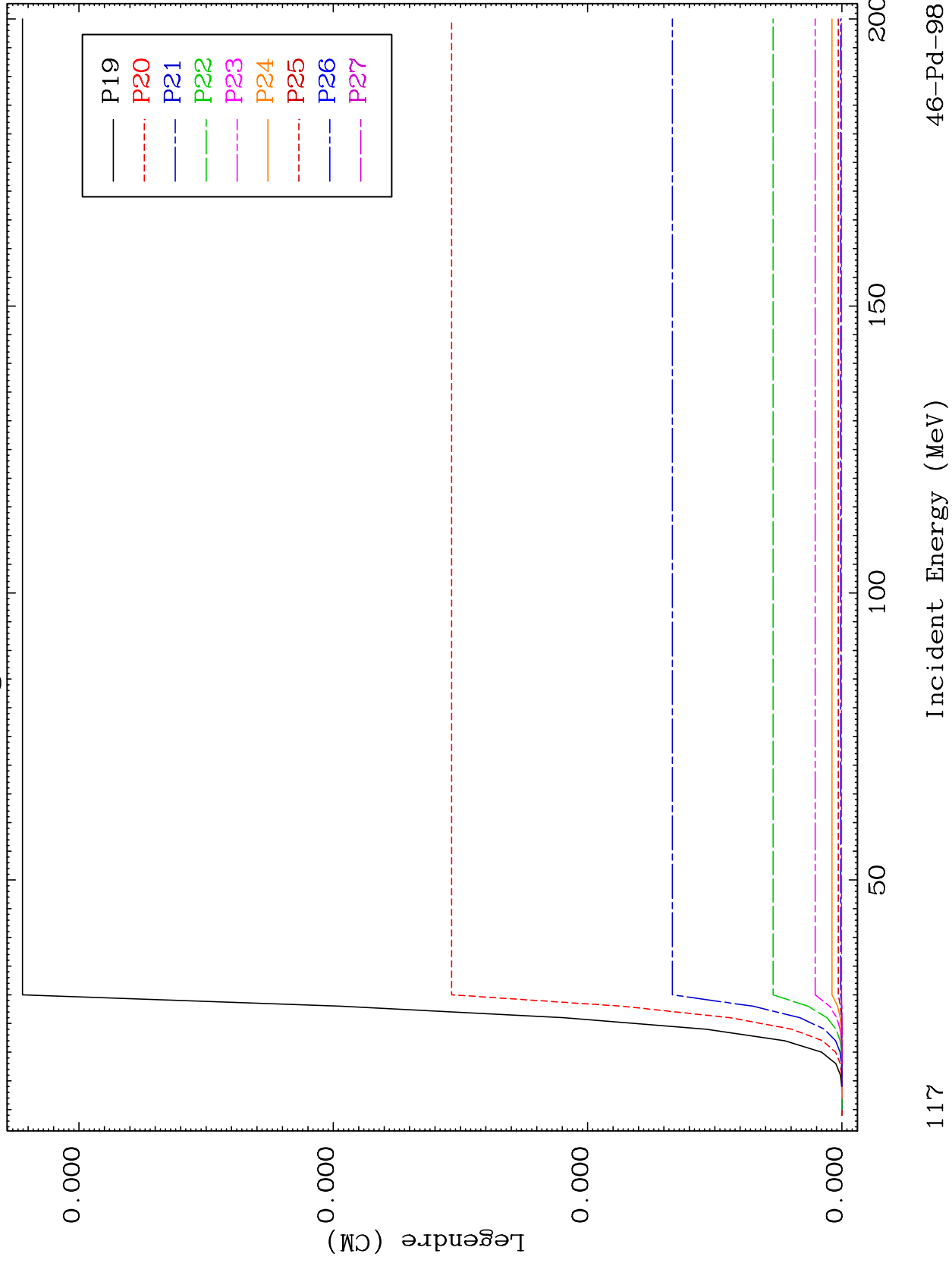
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

46-Pd-98



117

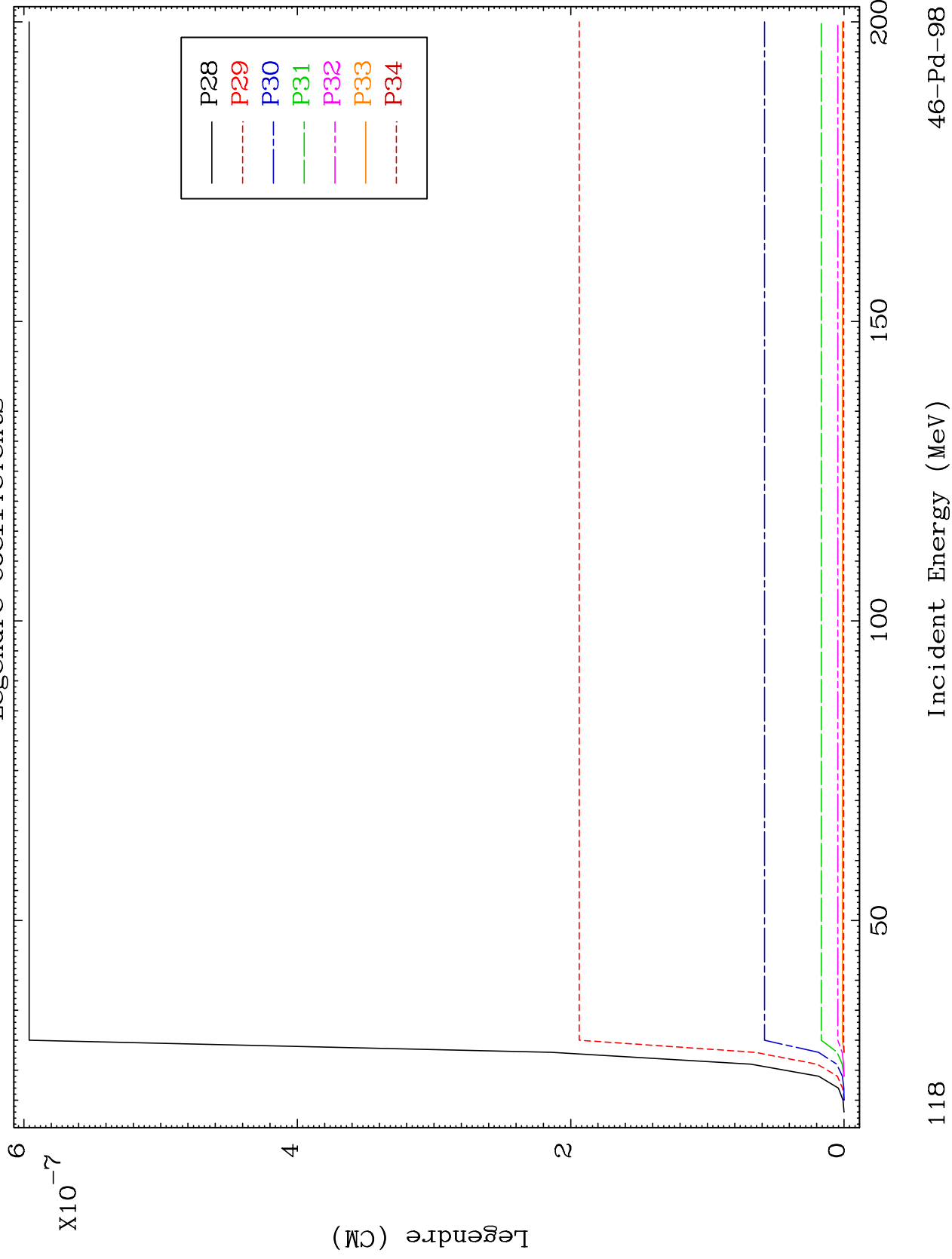
Incident Energy (MeV)

46-Pd-98

MAT 4613

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

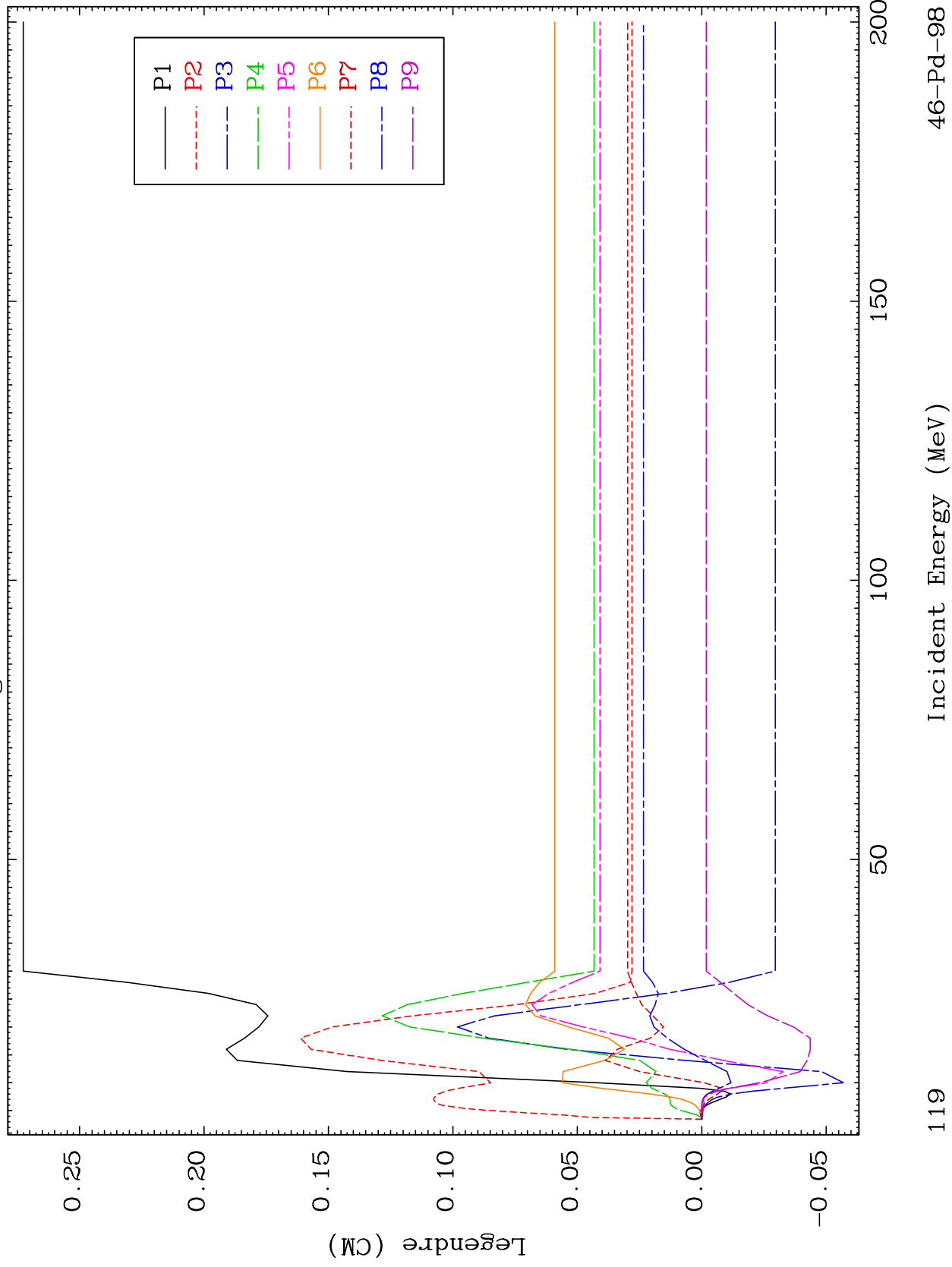
46-Pd-98



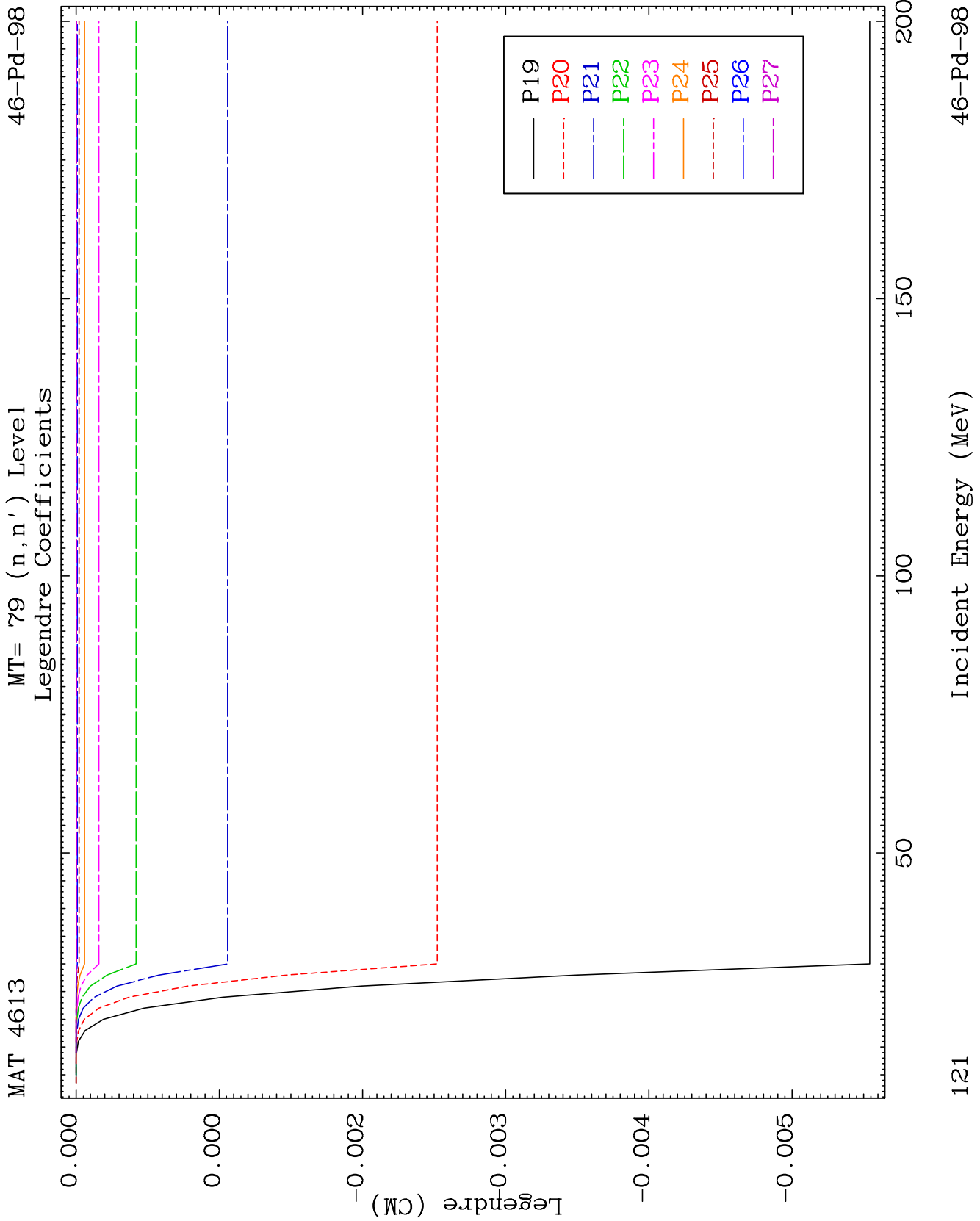
MAT 4613

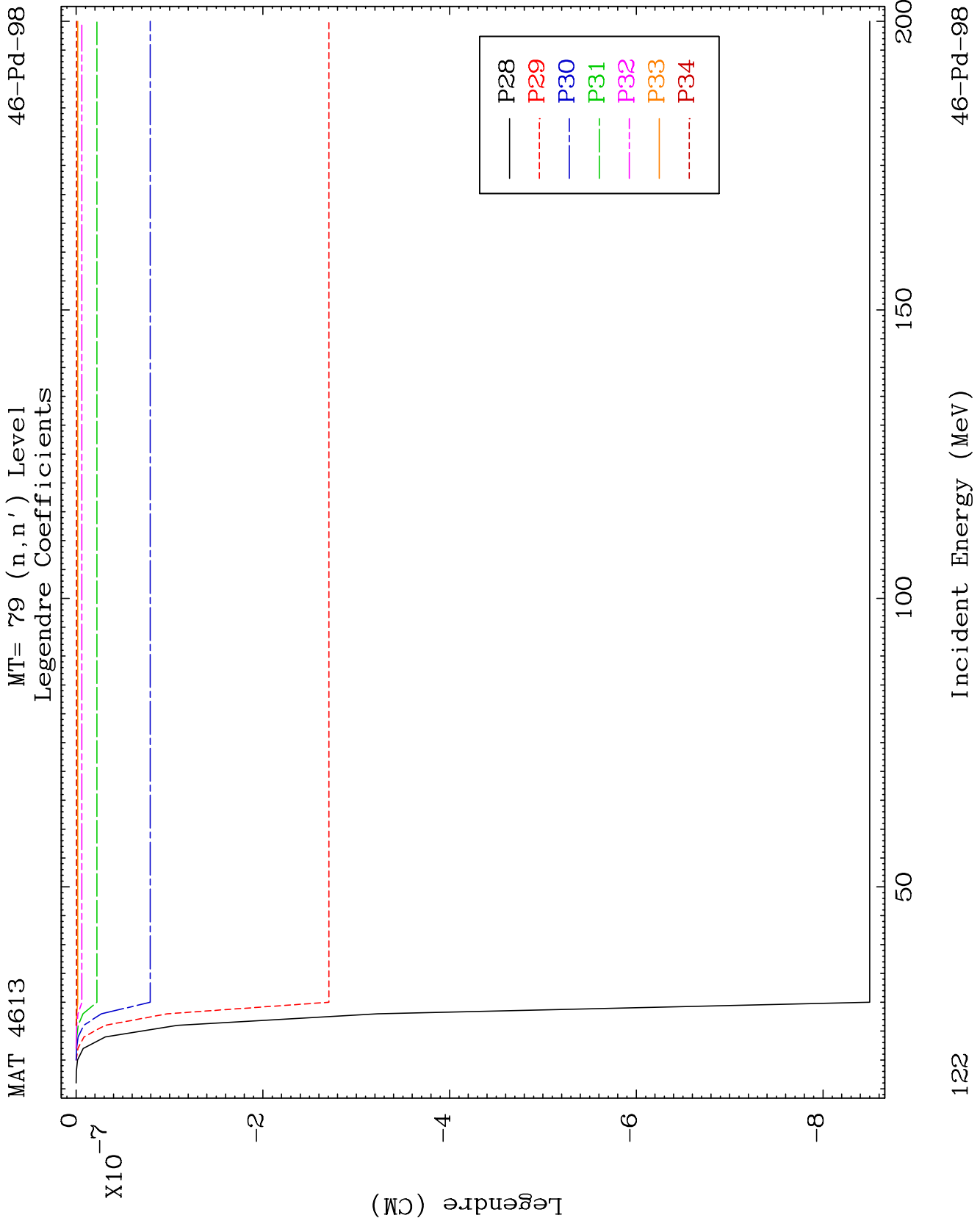
MT= 79 (n,n') Level
Legendre Coefficients

46-Pd-98



119

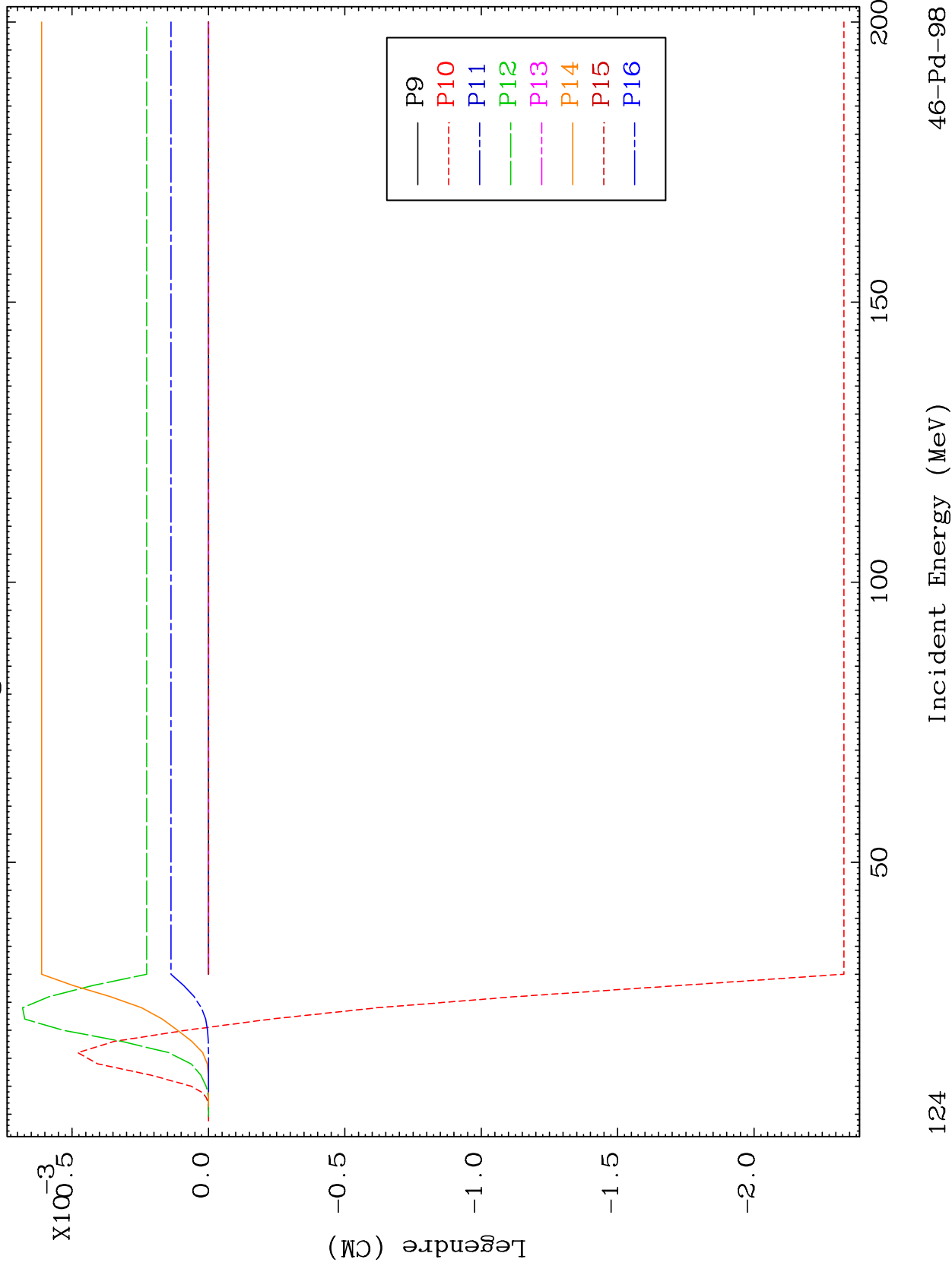




MAT 4613

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

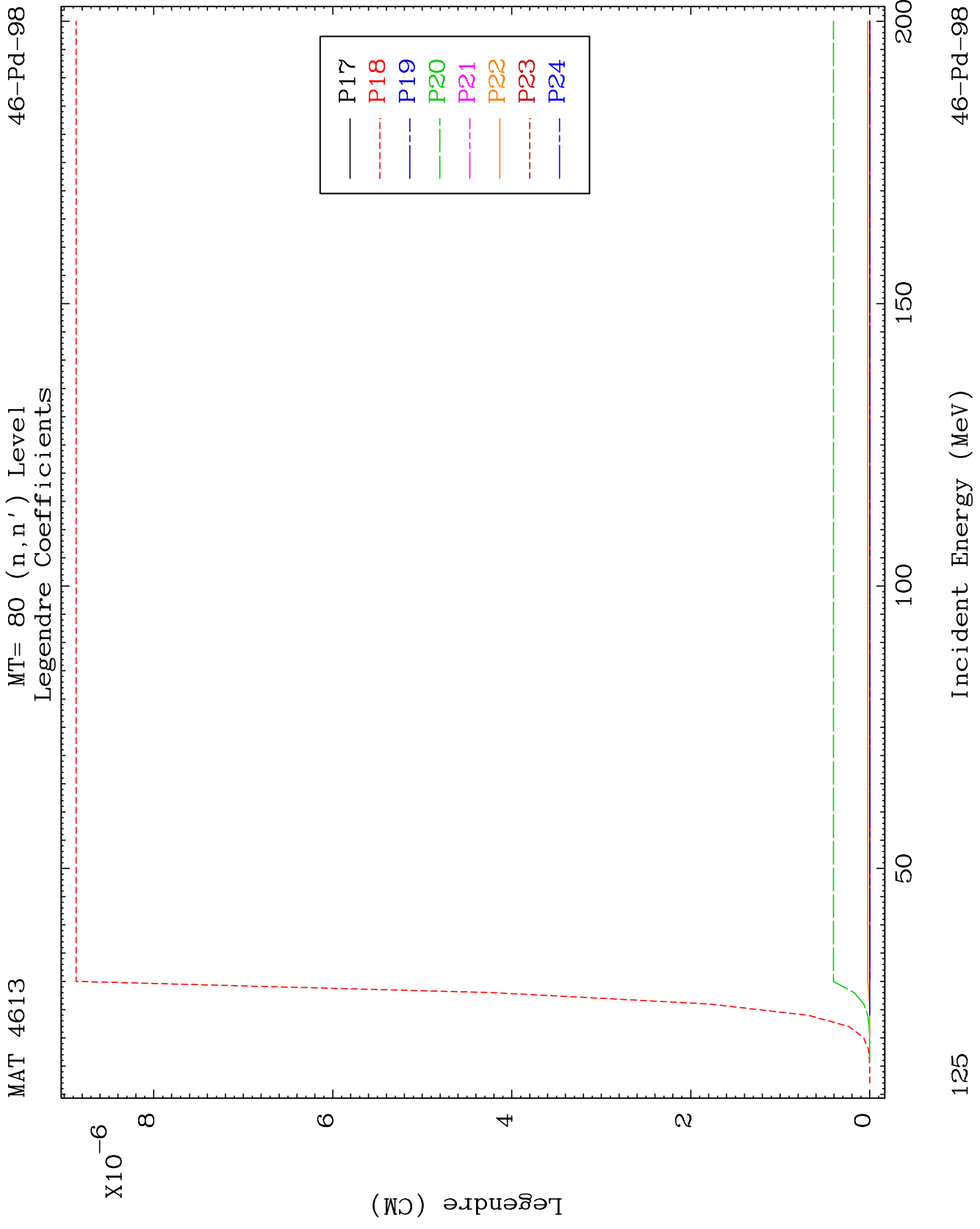
46-Pd-98



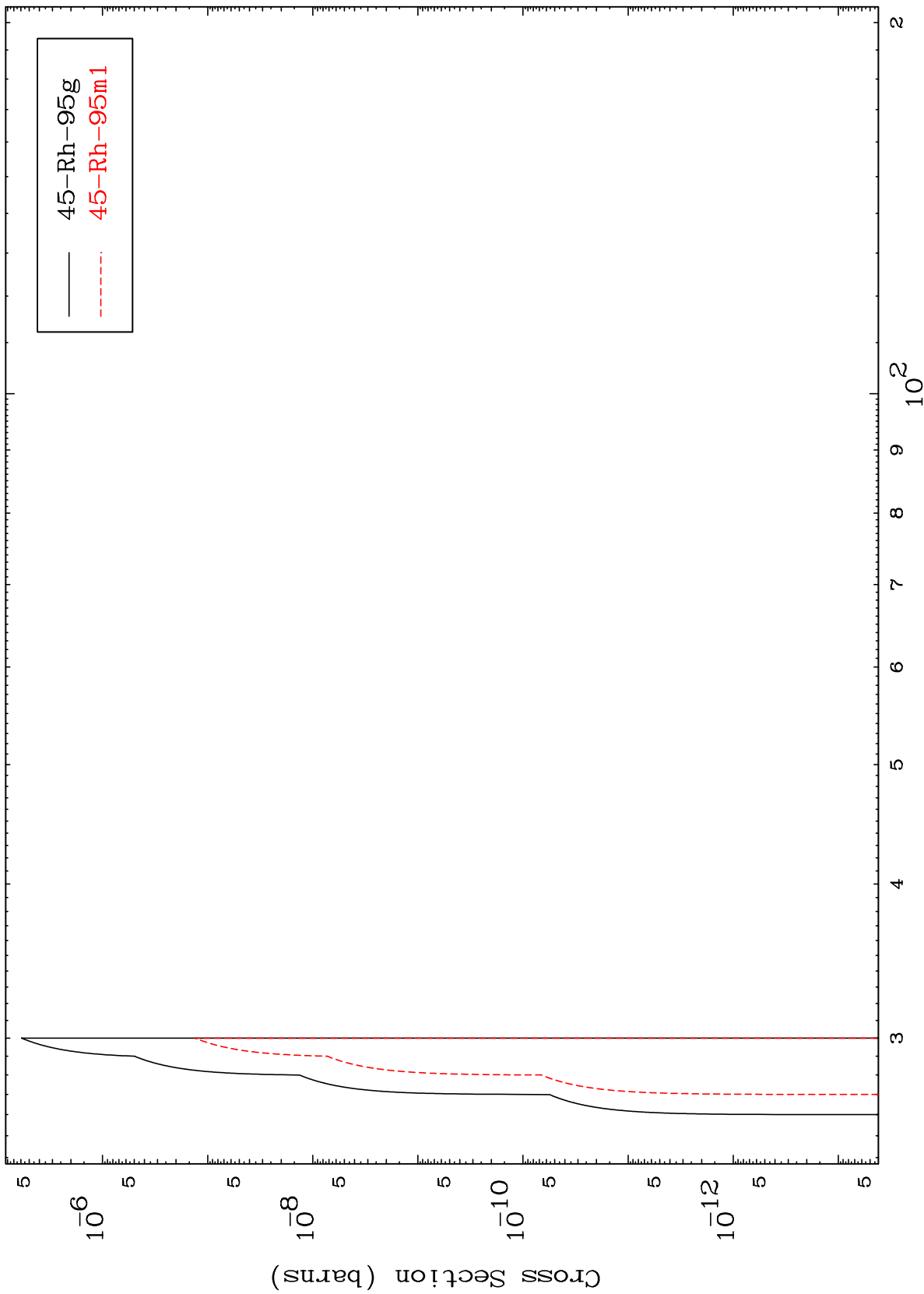
124

Incident Energy (MeV)

46-Pd-98



Radionuclide Production Cross Section

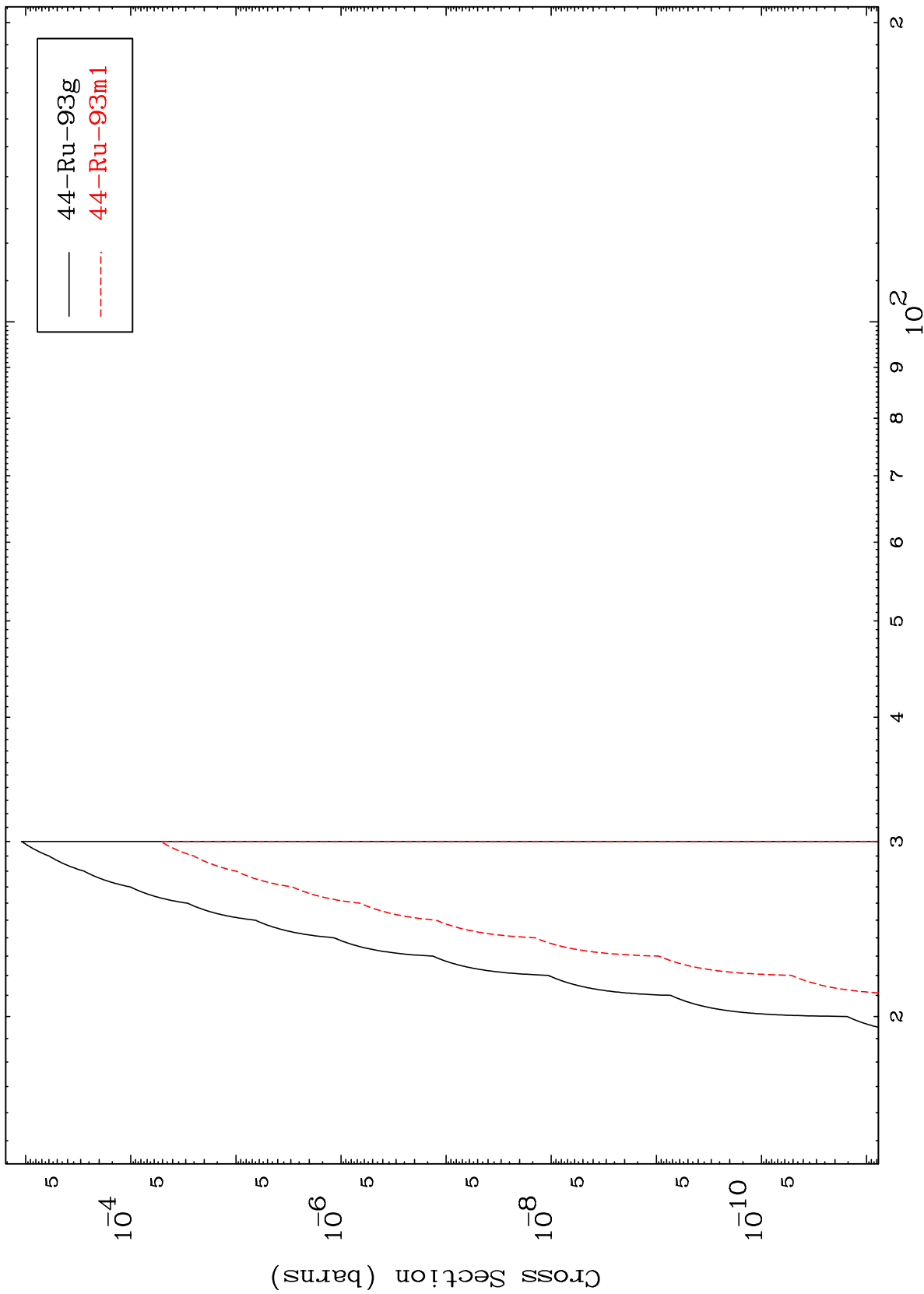


MAT 4613

(n,2n) α

46-Pd-98

Radionuclide Production Cross Section



44-Ru-93g
44-Ru-93m1

127

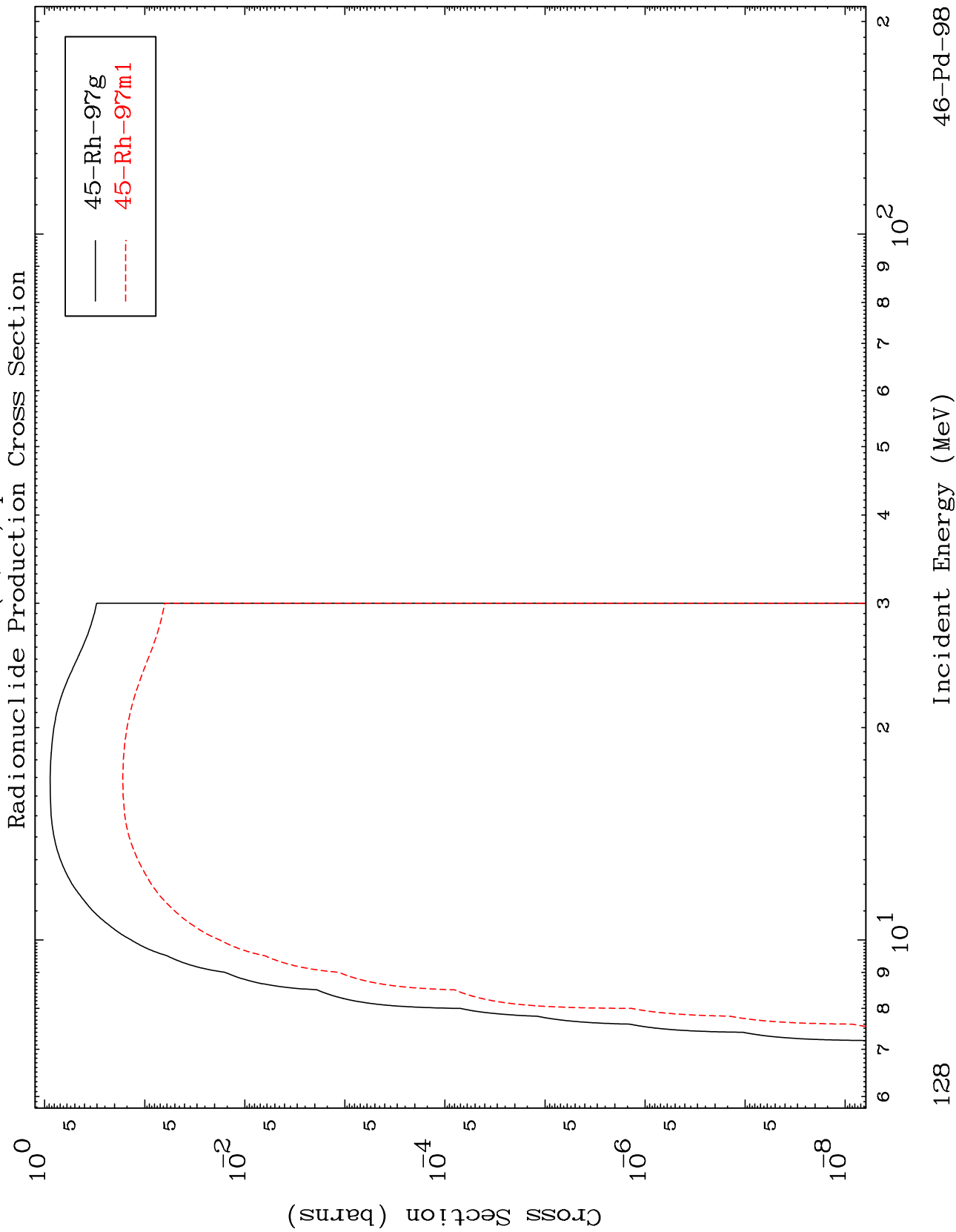
Incident Energy (MeV)

46-Pd-98

MAT 4613

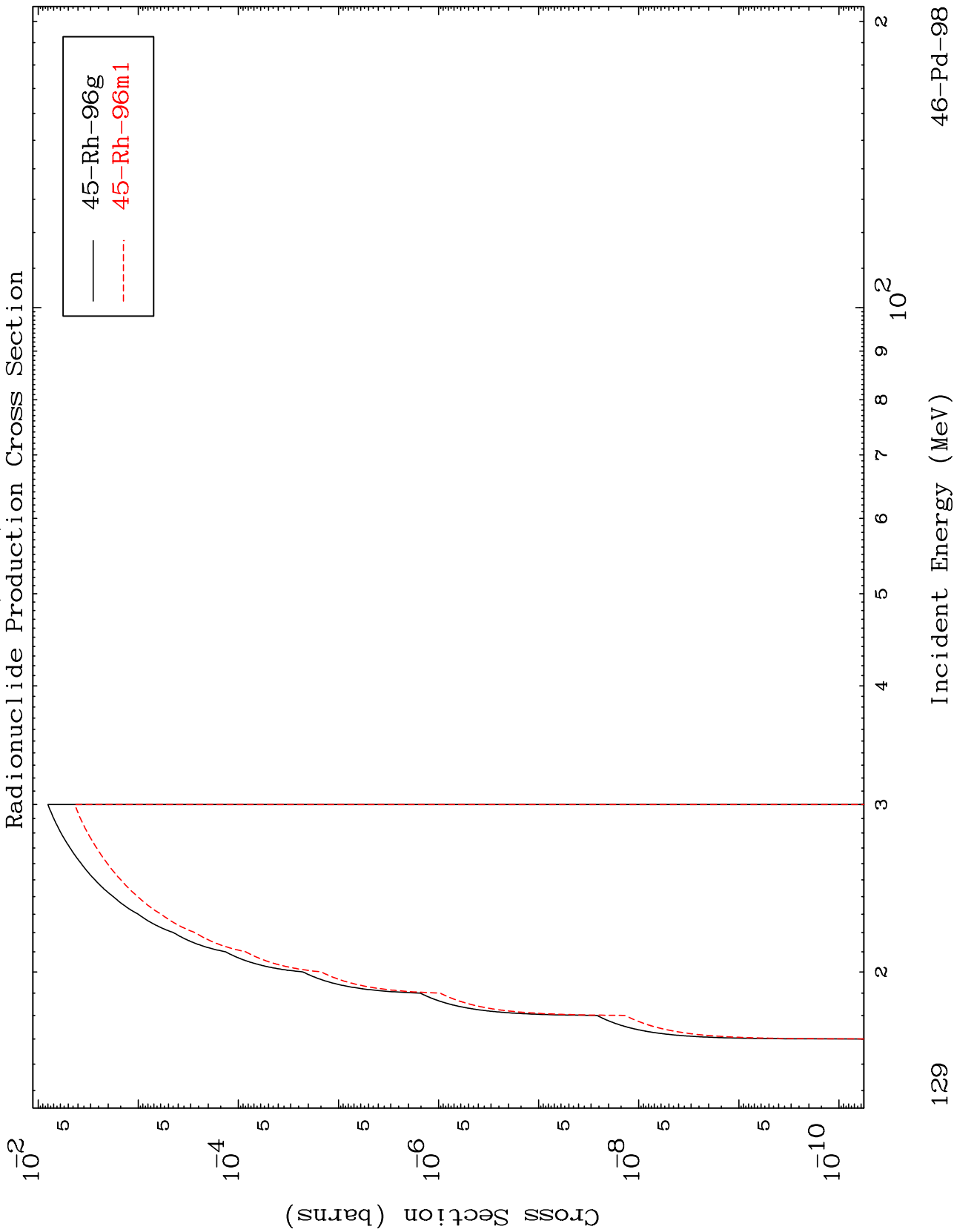
(n,n') p

46-Pd-98



128

46-Pd-98

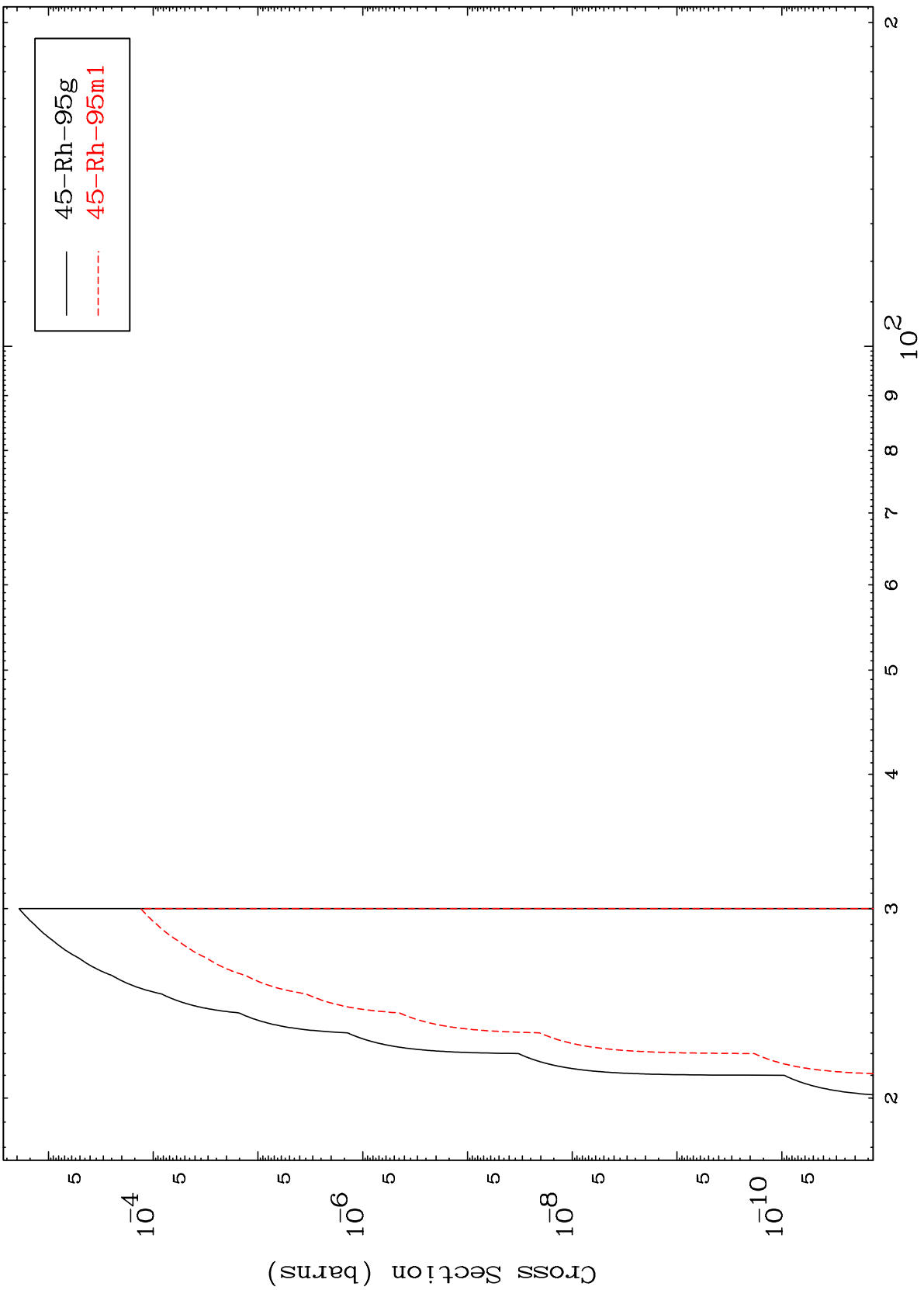


MAT 4613

(n,n') t

46-Pd-98

Radionuclide Production Cross Section



130

Incident Energy (MeV)

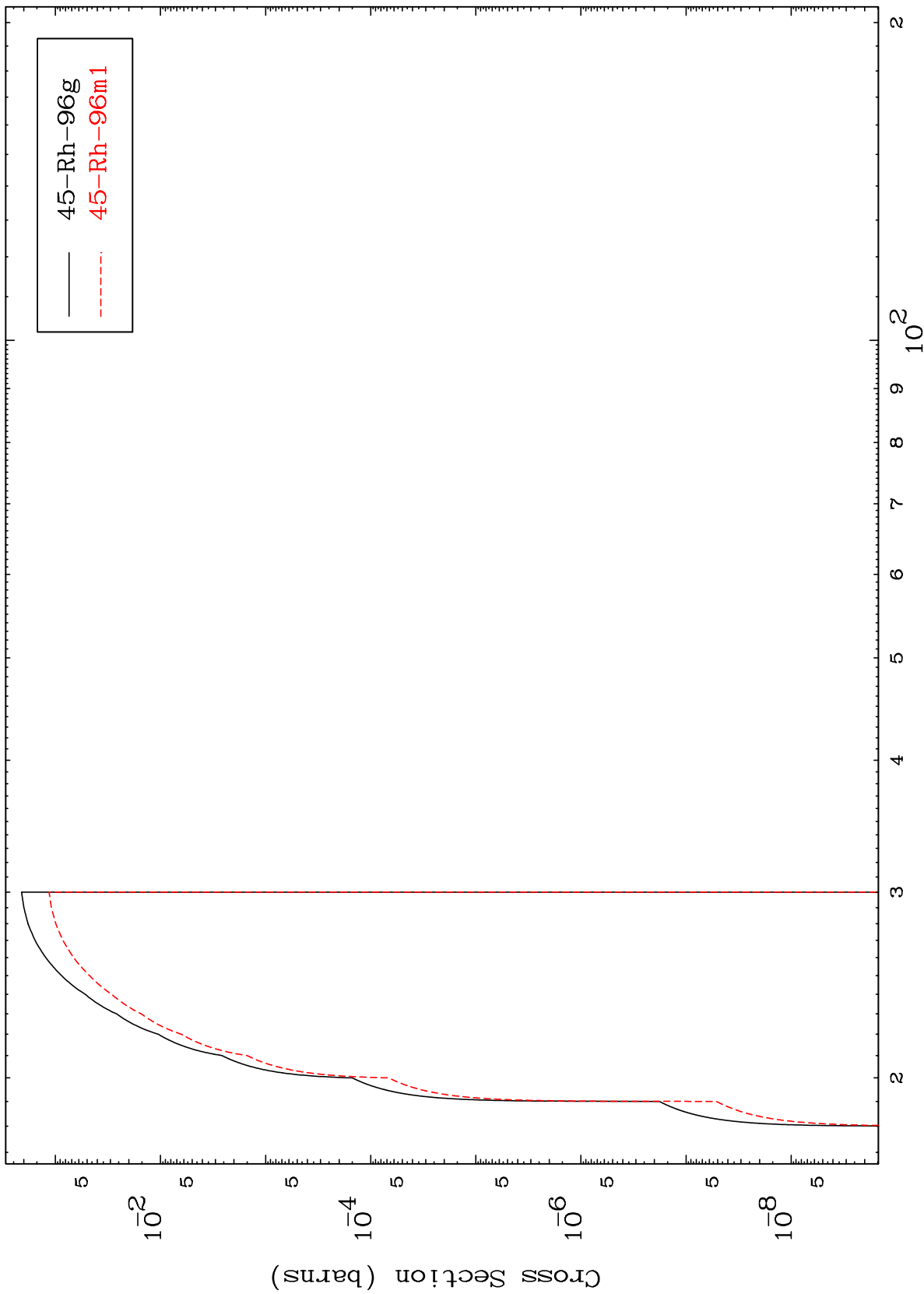
46-Pd-98

MAT 4613

(n,2n) p

46-Pd-98

Radionuclide Production Cross Section



131

Incident Energy (MeV)

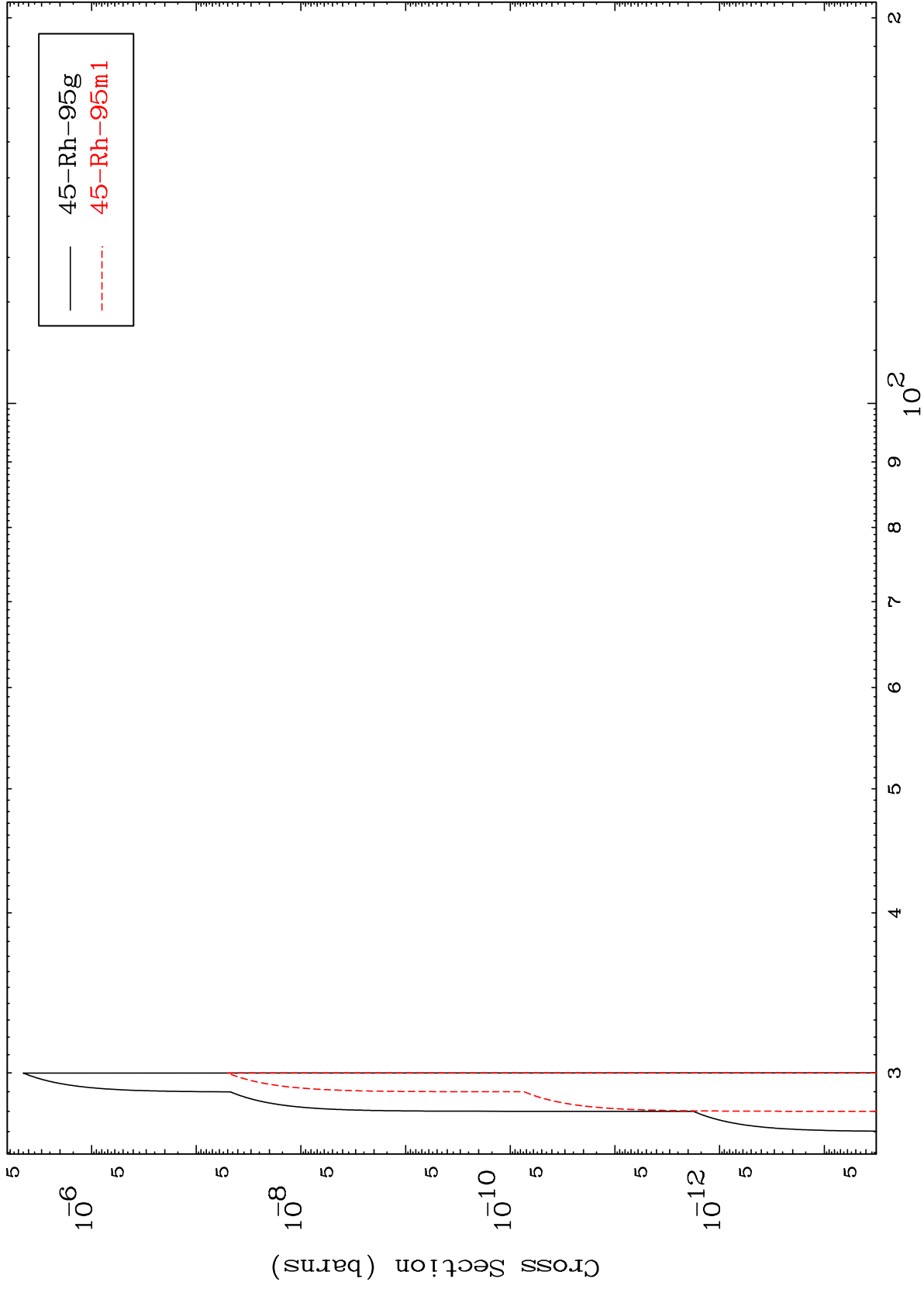
46-Pd-98

MAT 4613

(n,3n) p

46-Pd-98

Radionuclide Production Cross Section



132

Incident Energy (MeV)

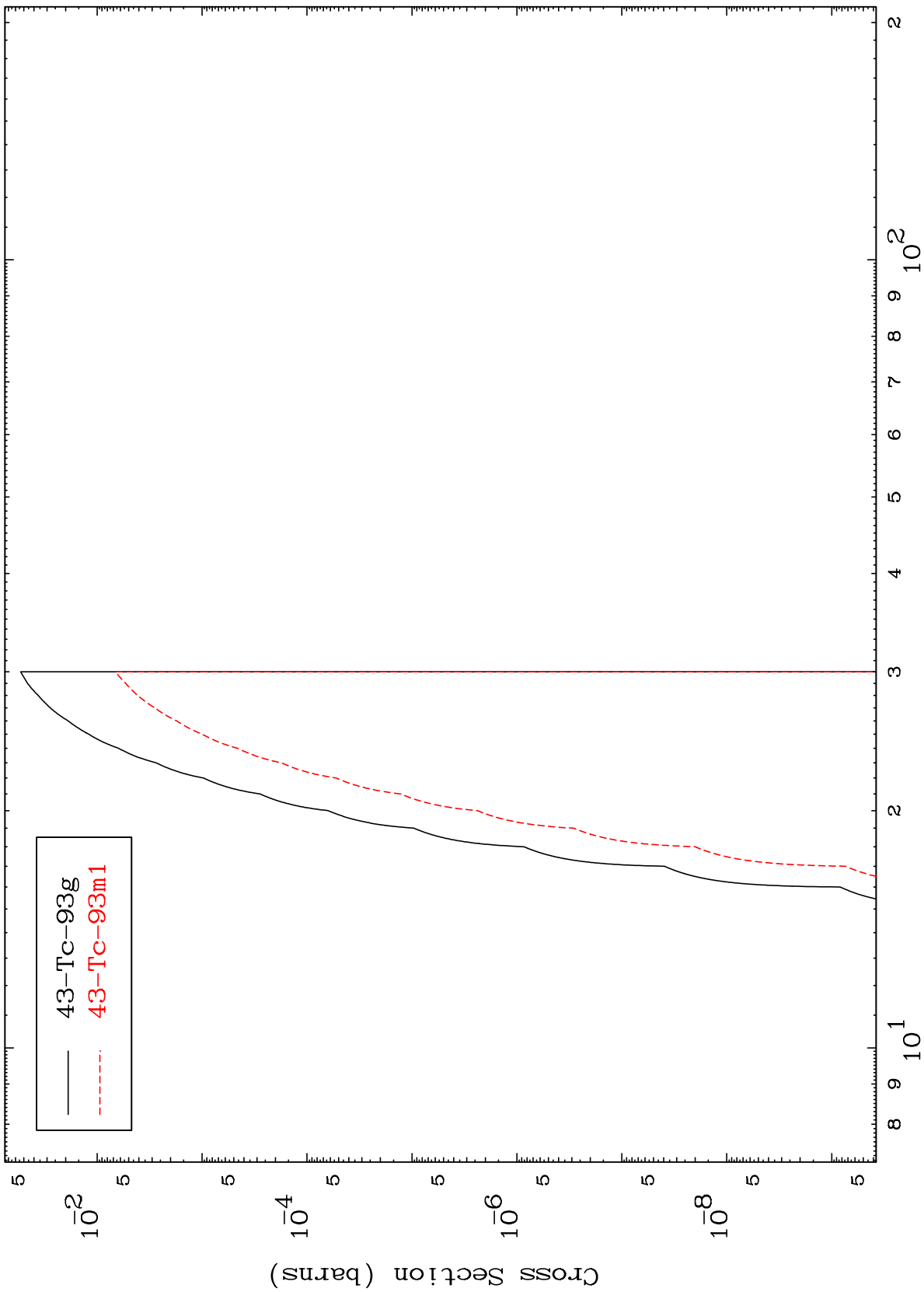
46-Pd-98

MAT 4613

(n,n') p α

46-Pd-98

Radionuclide Production Cross Section



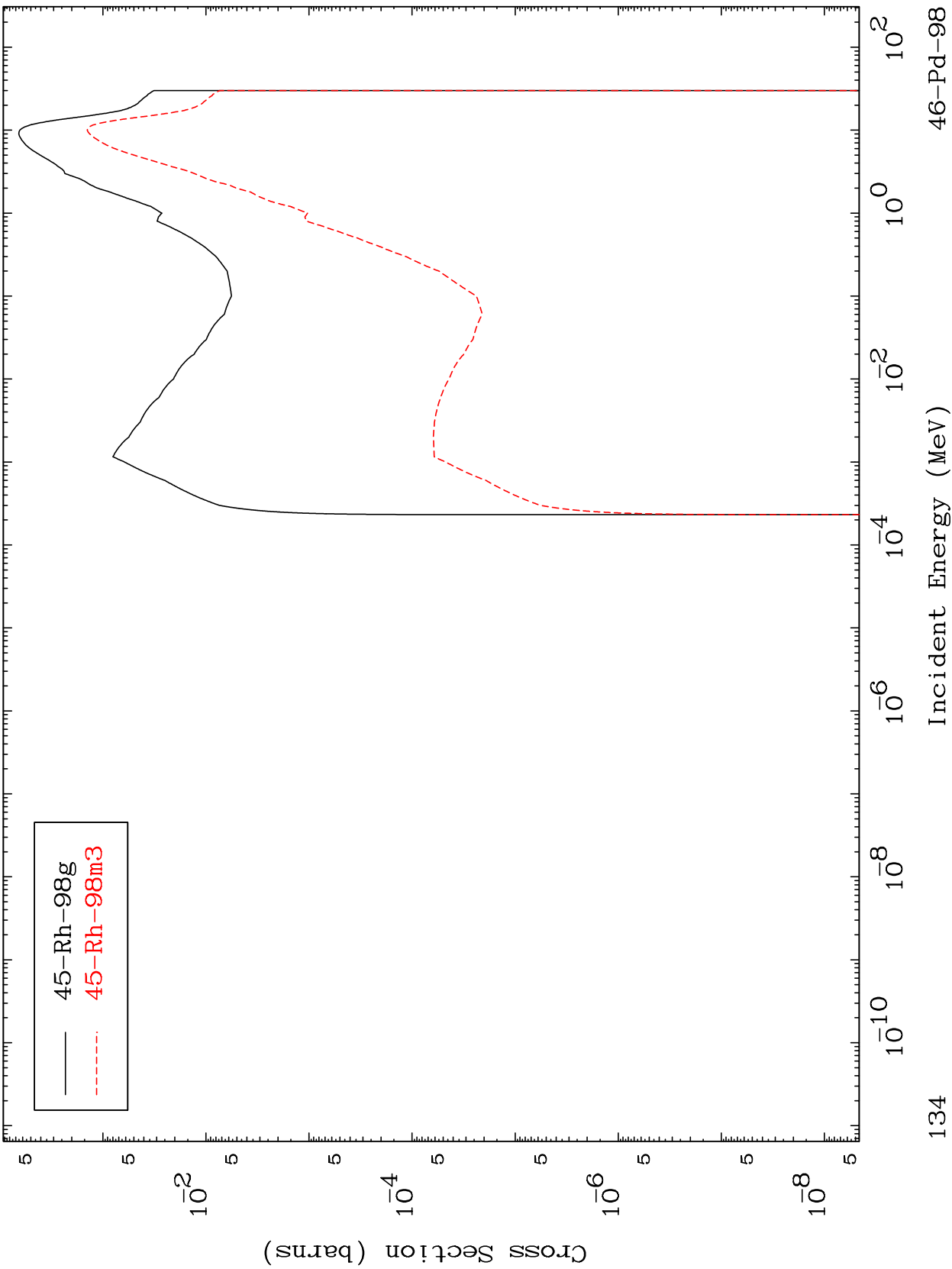
133

46-Pd-98

MAT 4613

46-Pd-98

Radionuclide Production Cross Section (n,p)

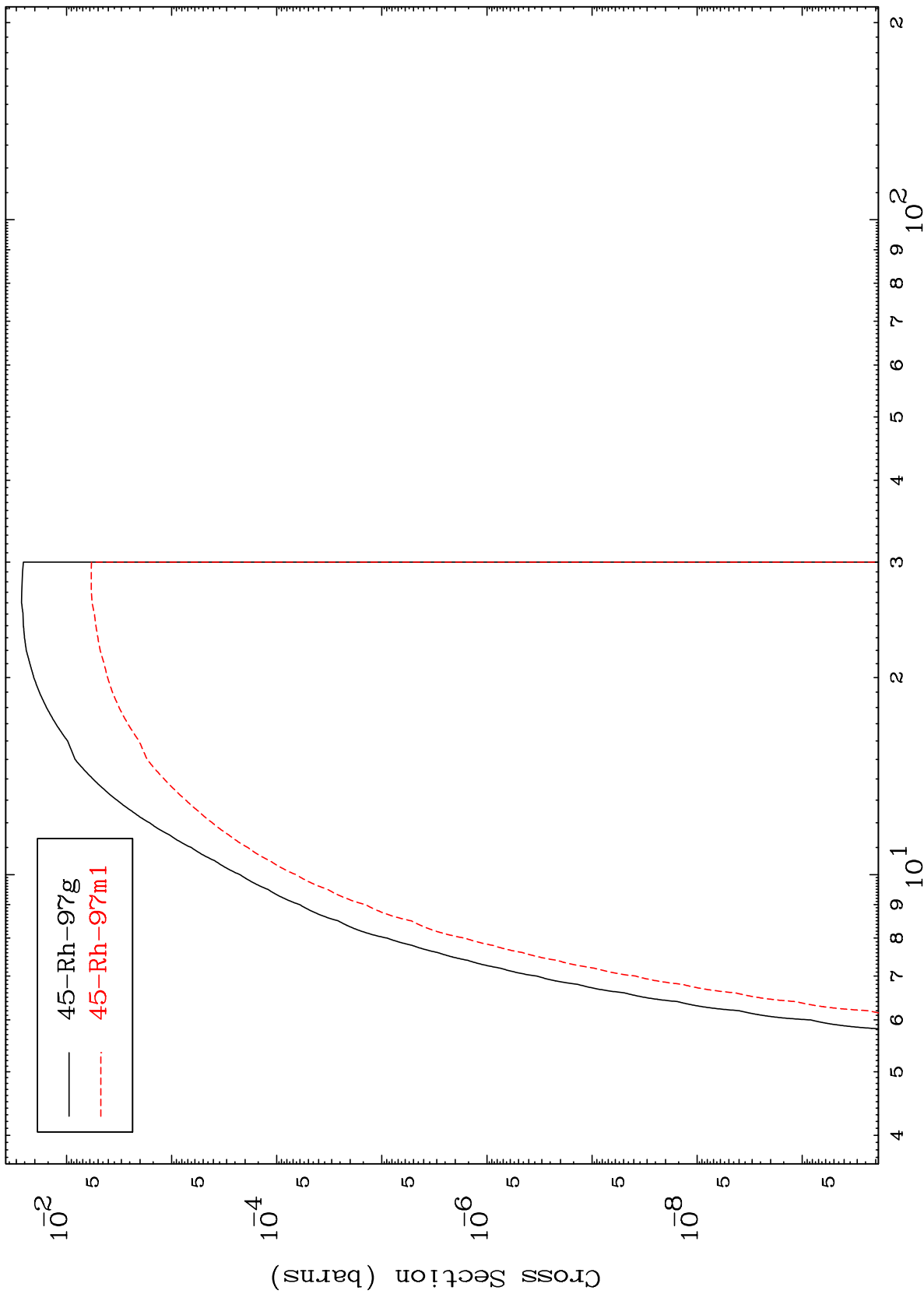


45-Rh-98g
45-Rh-98m3

MAT 4613

46-Pd-98

(n,d)
Radionuclide Production Cross Section



— 45-Rh-97g
- - - 45-Rh-97m1

46-Pd-98

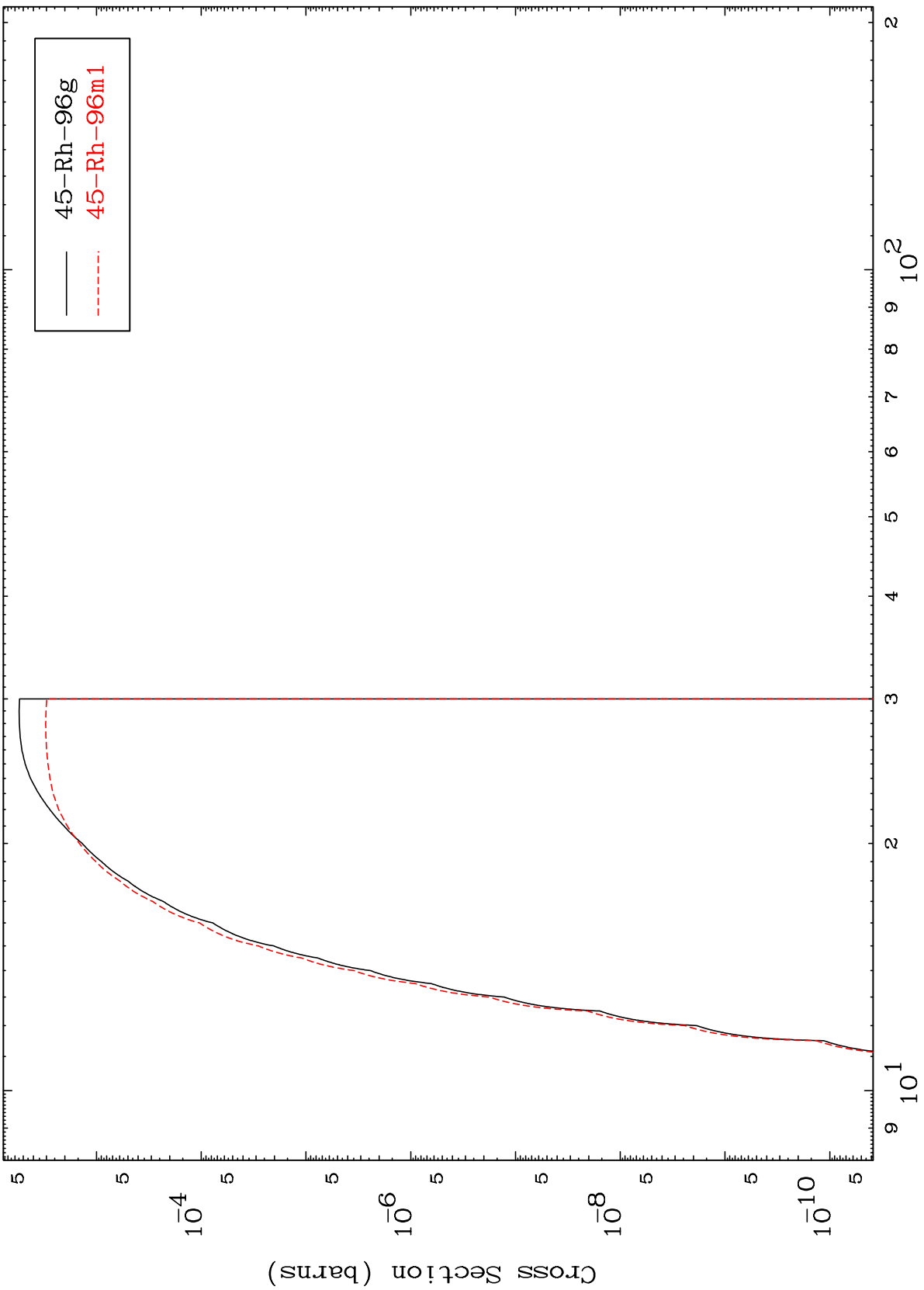
Incident Energy (MeV)

135

MAT 4613

46-Pd-98

(n,t)
Radionuclide Production Cross Section



45-Rh-96g
45-Rh-96m1

136

Incident Energy (MeV)

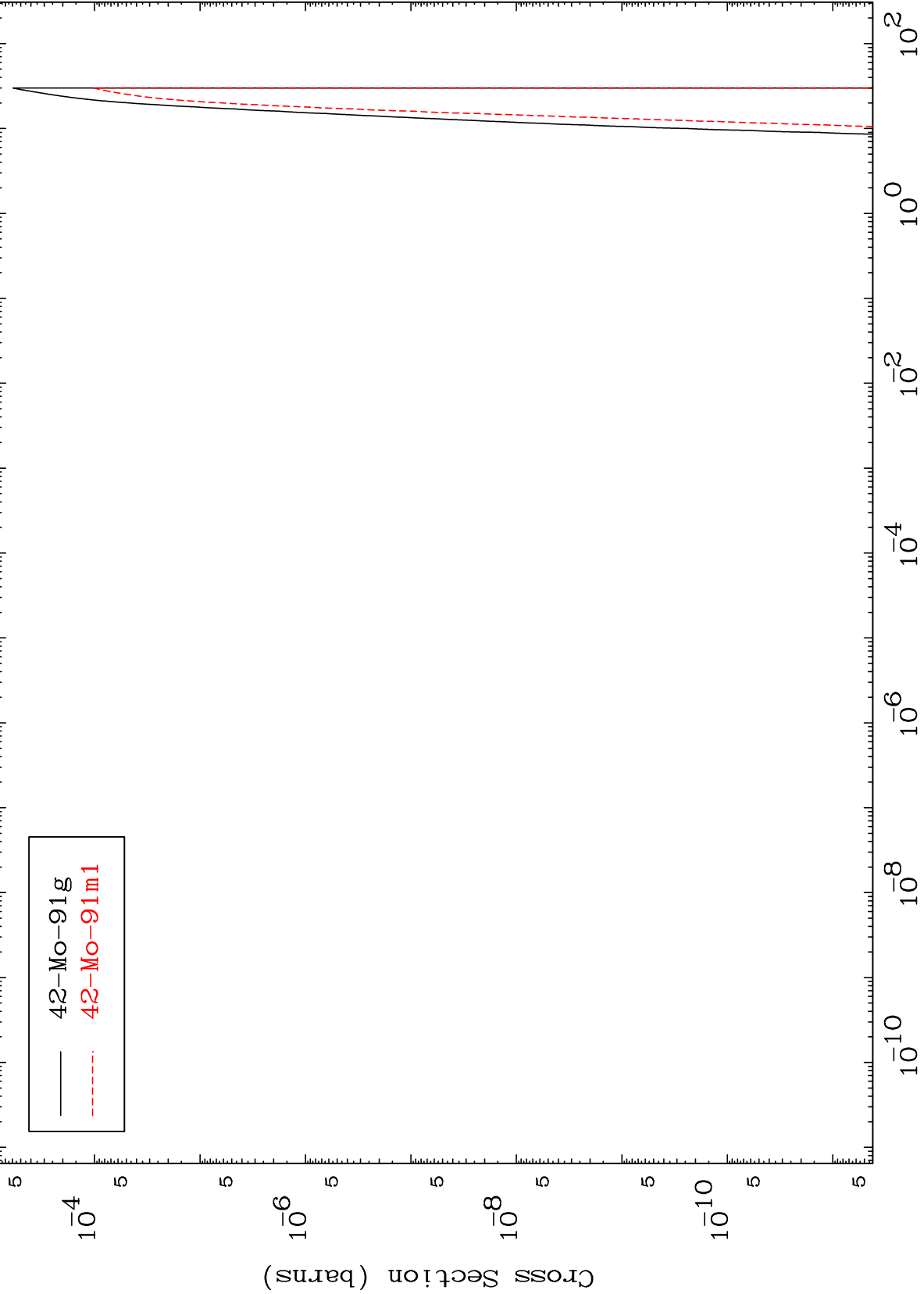
46-Pd-98

MAT 4613

(n,2α)

46-Pd-98

Radionuclide Production Cross Section

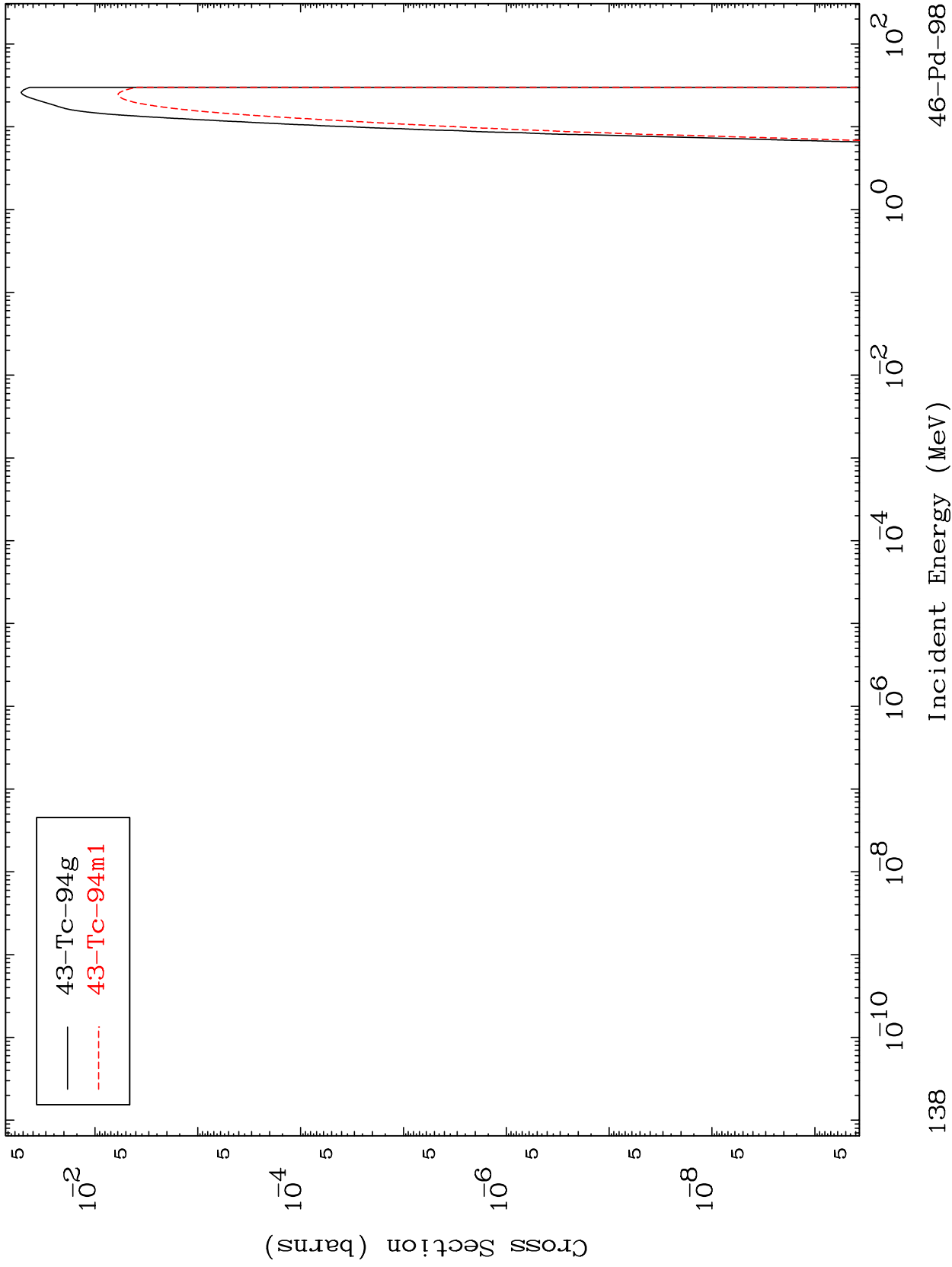


MAT 4613

(n,p) α

46-Pd-98

Radionuclide Production Cross Section

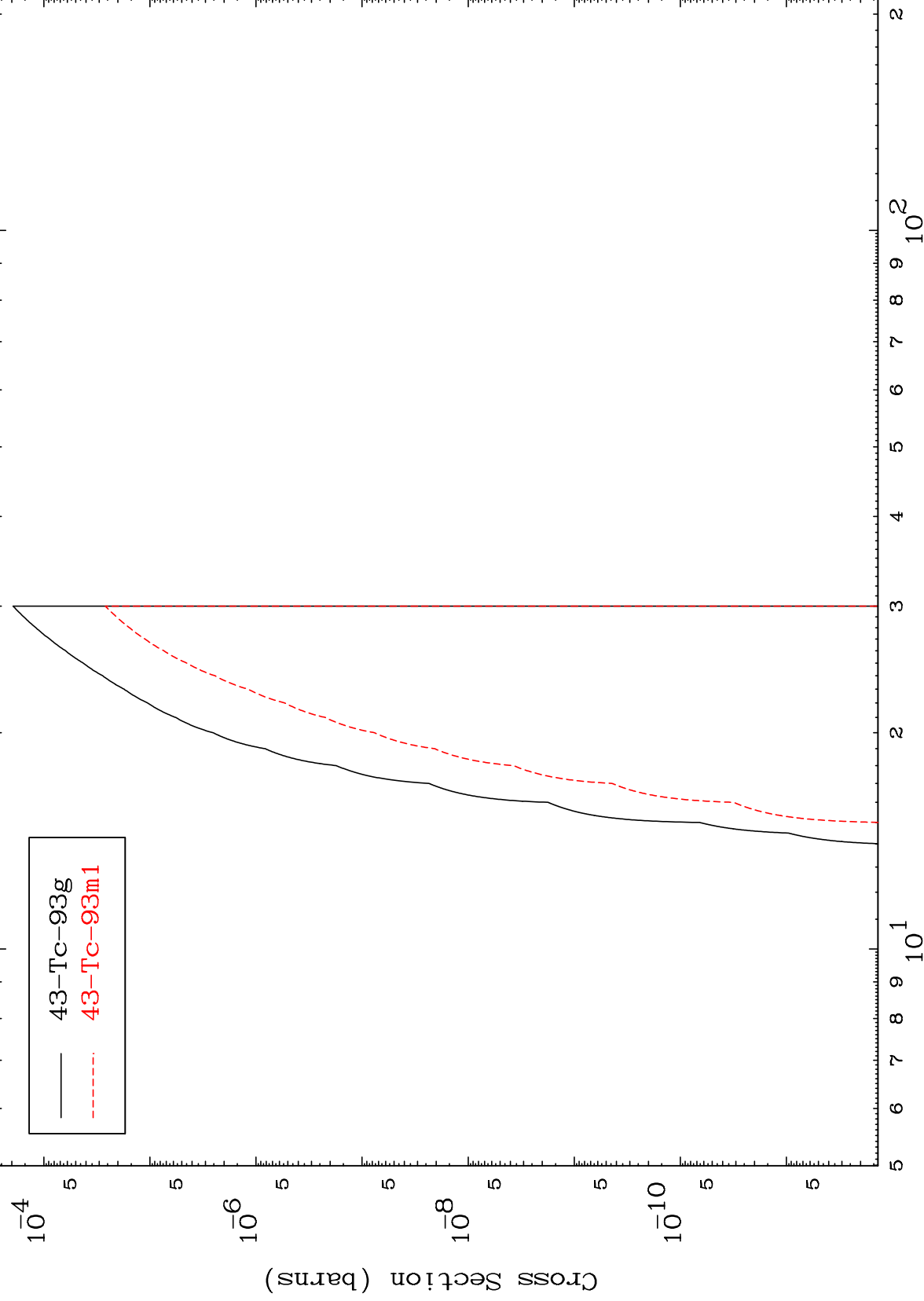


MAT 4613

(n,d) α

46-Pd-98

Radionuclide Production Cross Section



139

Incident Energy (MeV)

46-Pd-98