

Program EVALPLOT
(Version 2021-1)

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

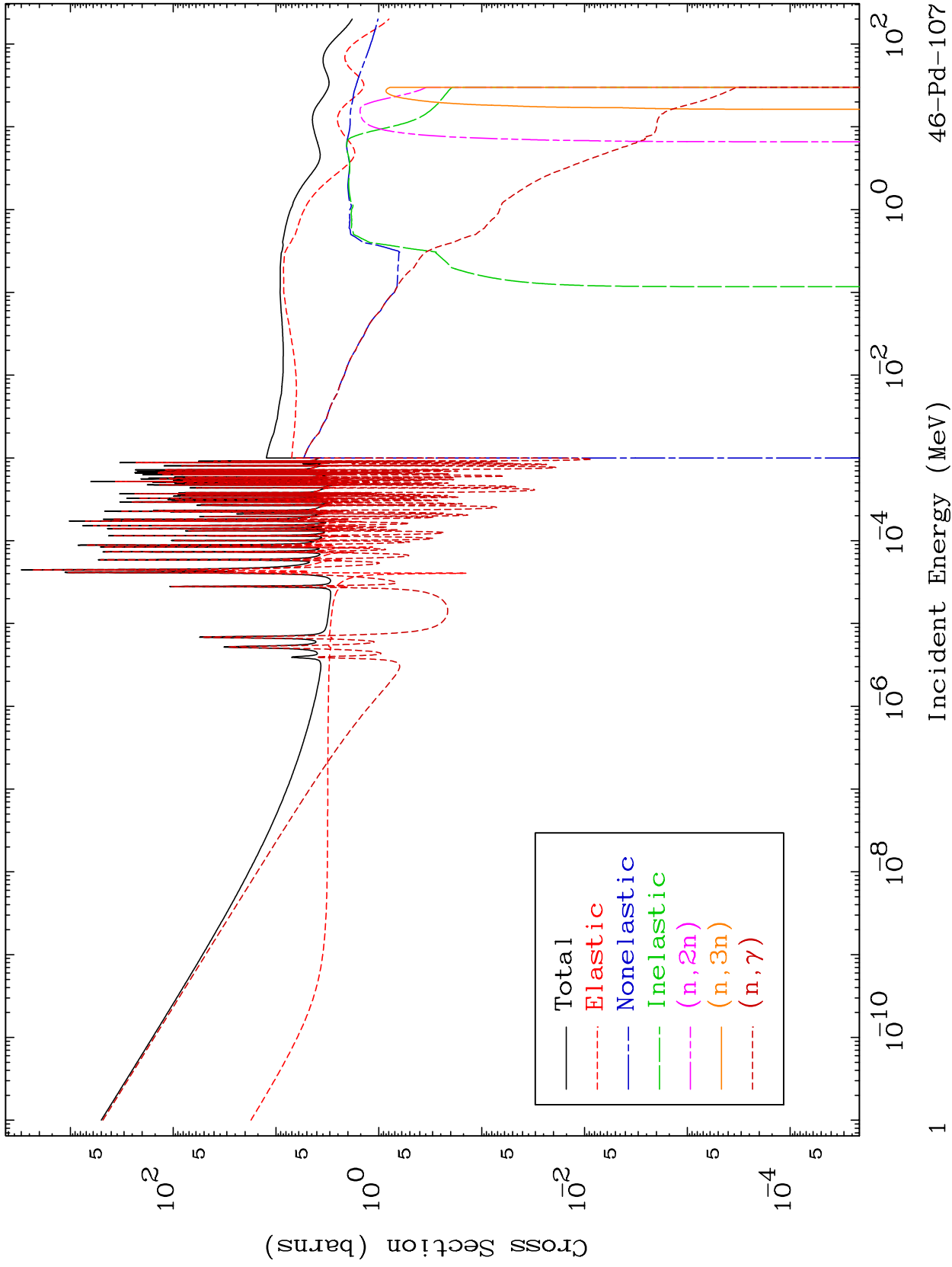
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4640

Neutron Major
293 Kelvin Cross Sections

46-Pd-107

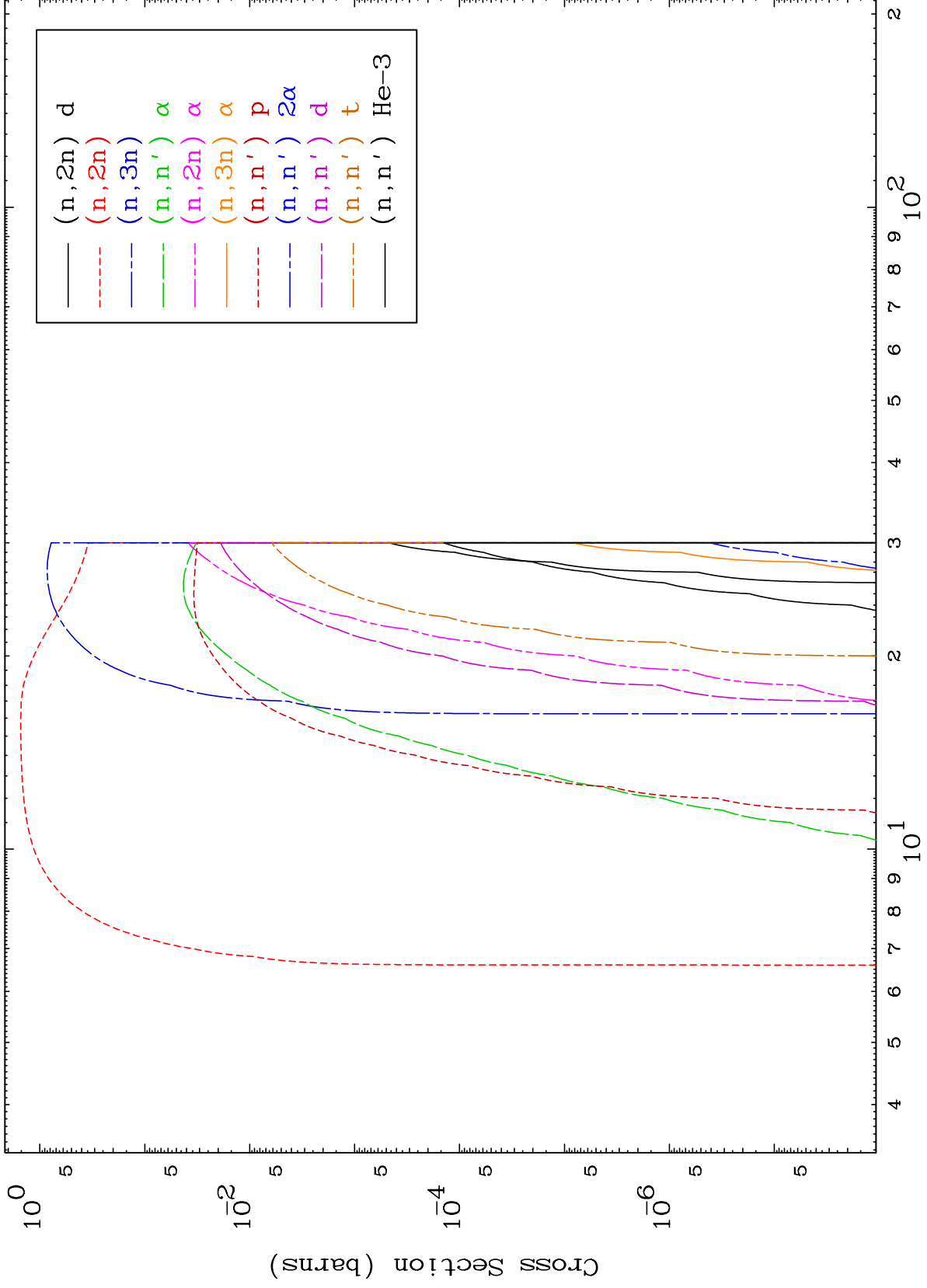


46-Pd-107

MAT 4640

Neutron Absorption
293 Kelvin Cross Sections

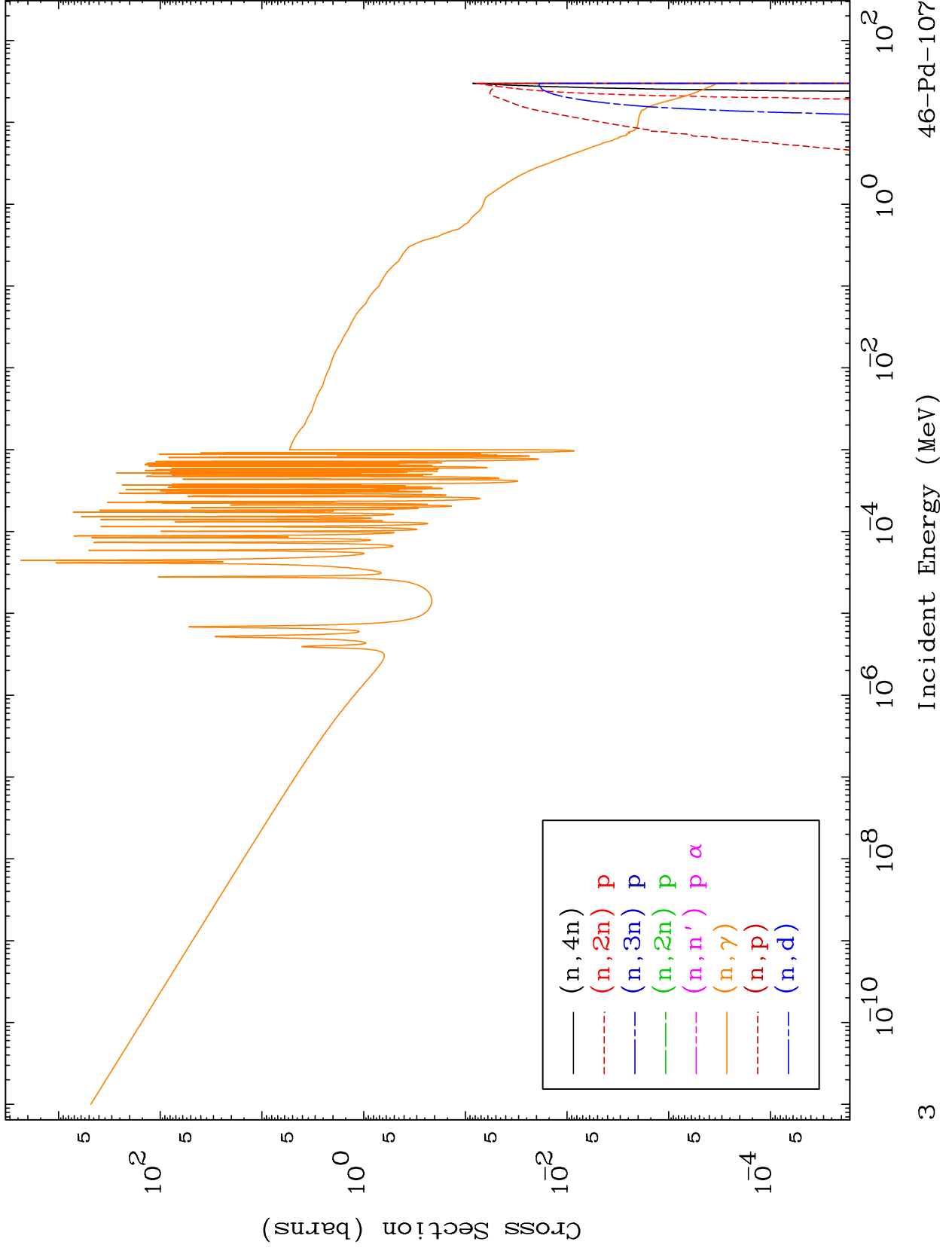
46-Pd-107

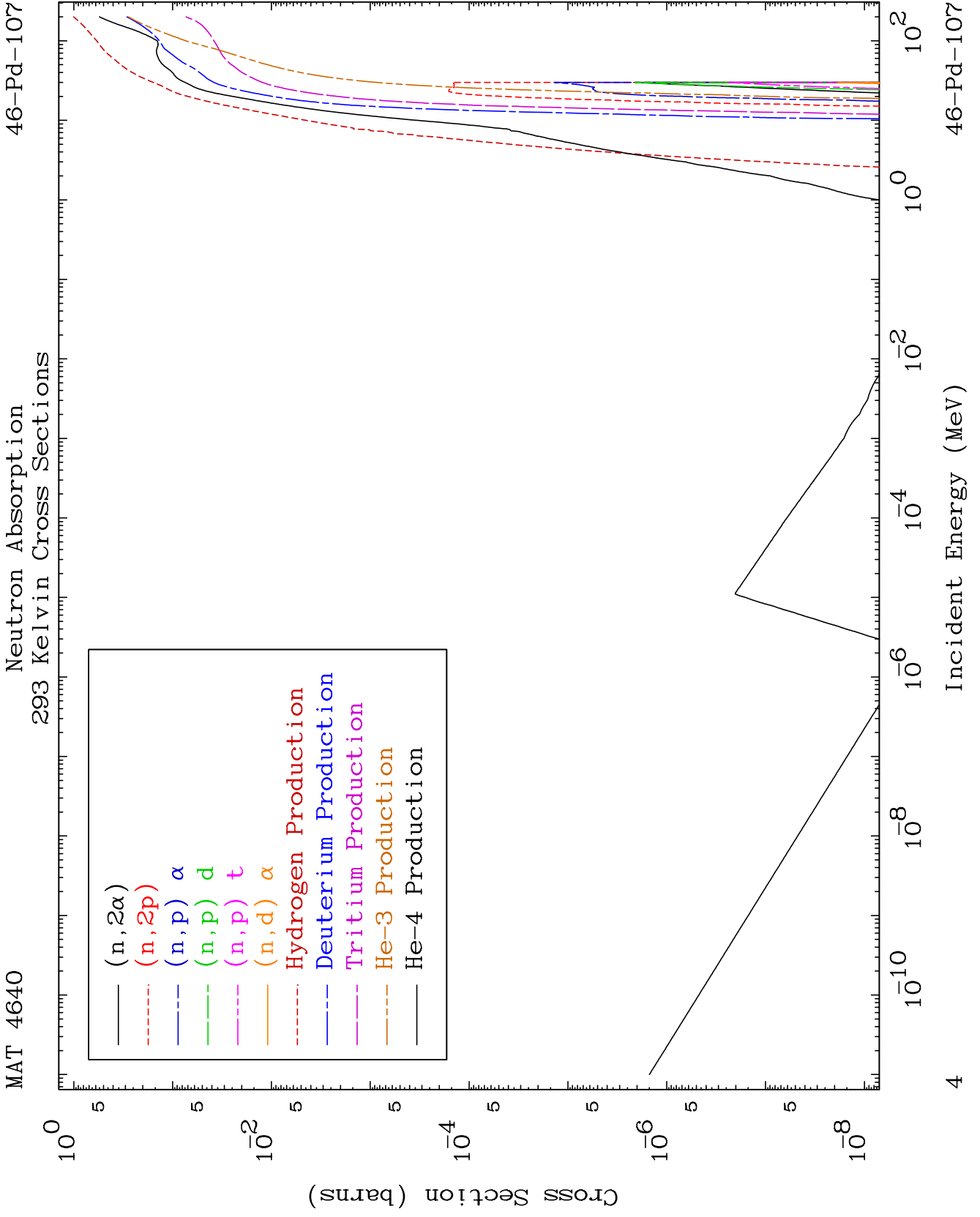


MAT 4640

Neutron Absorption
293 Kelvin Cross Sections

46-Pd-107

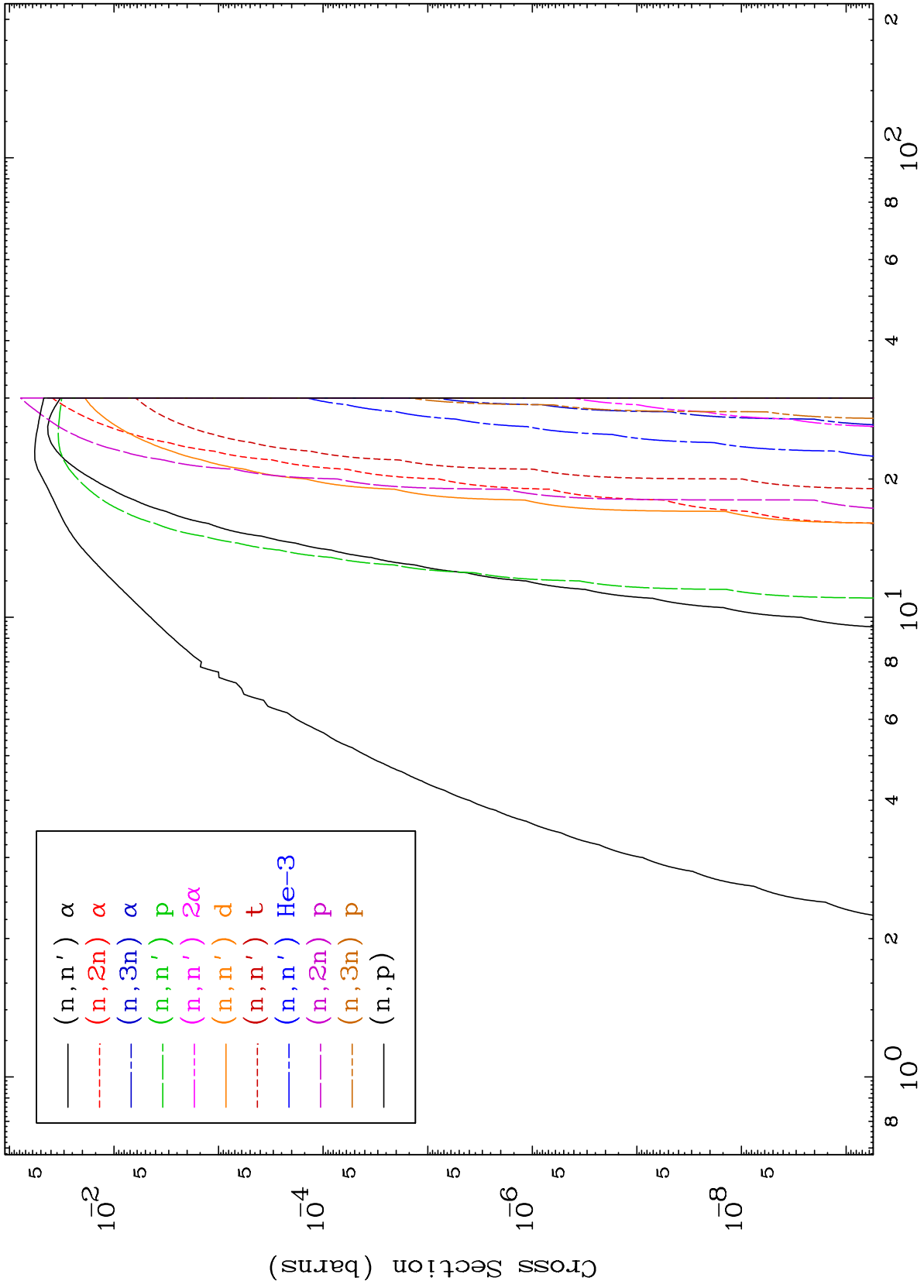




MAT 4640

Charged Particle
293 Kelvin Cross Sections

46-Pd-107



5

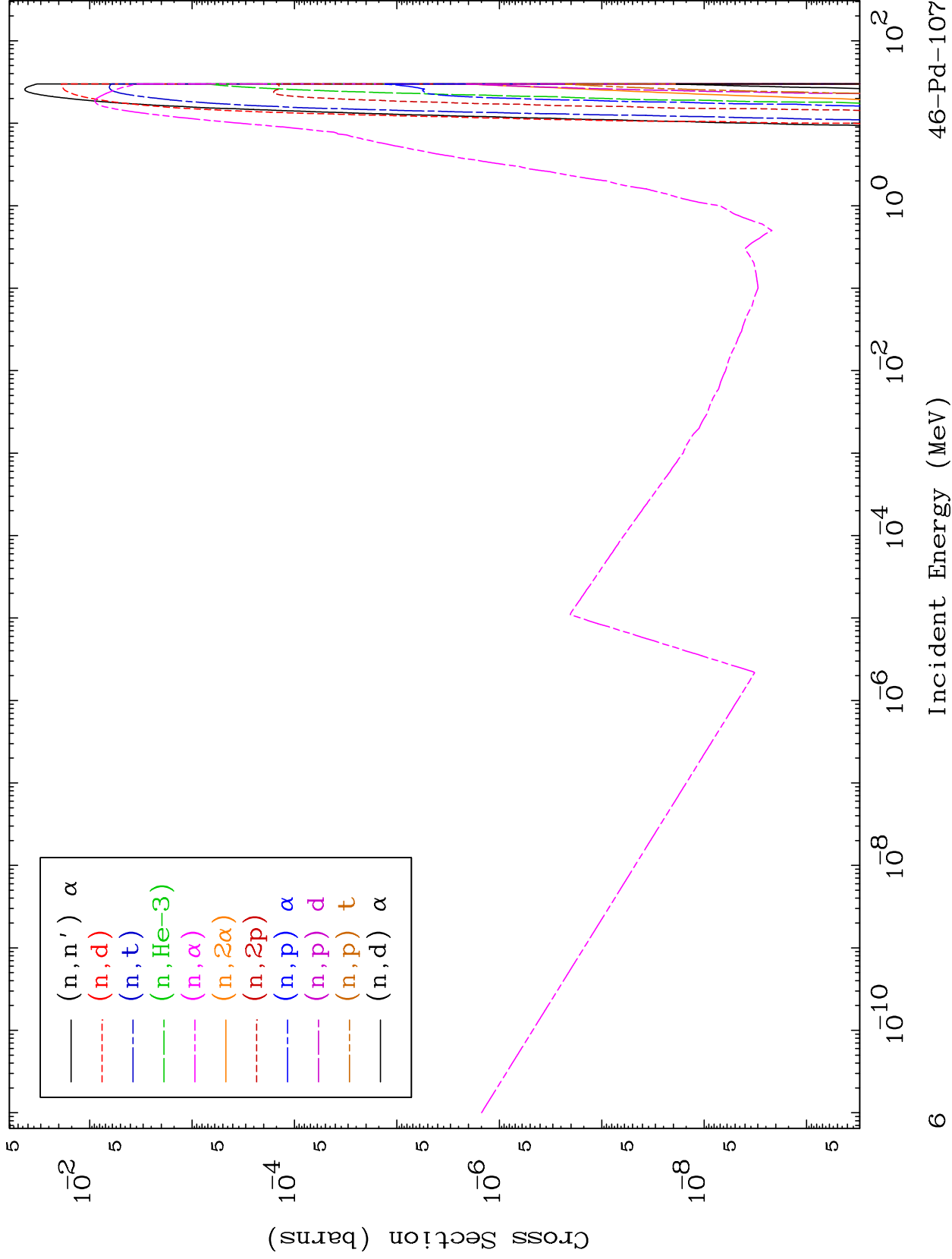
Incident Energy (MeV)

46-Pd-107

MAT 4640

Charged Particle
293 Kelvin Cross Sections

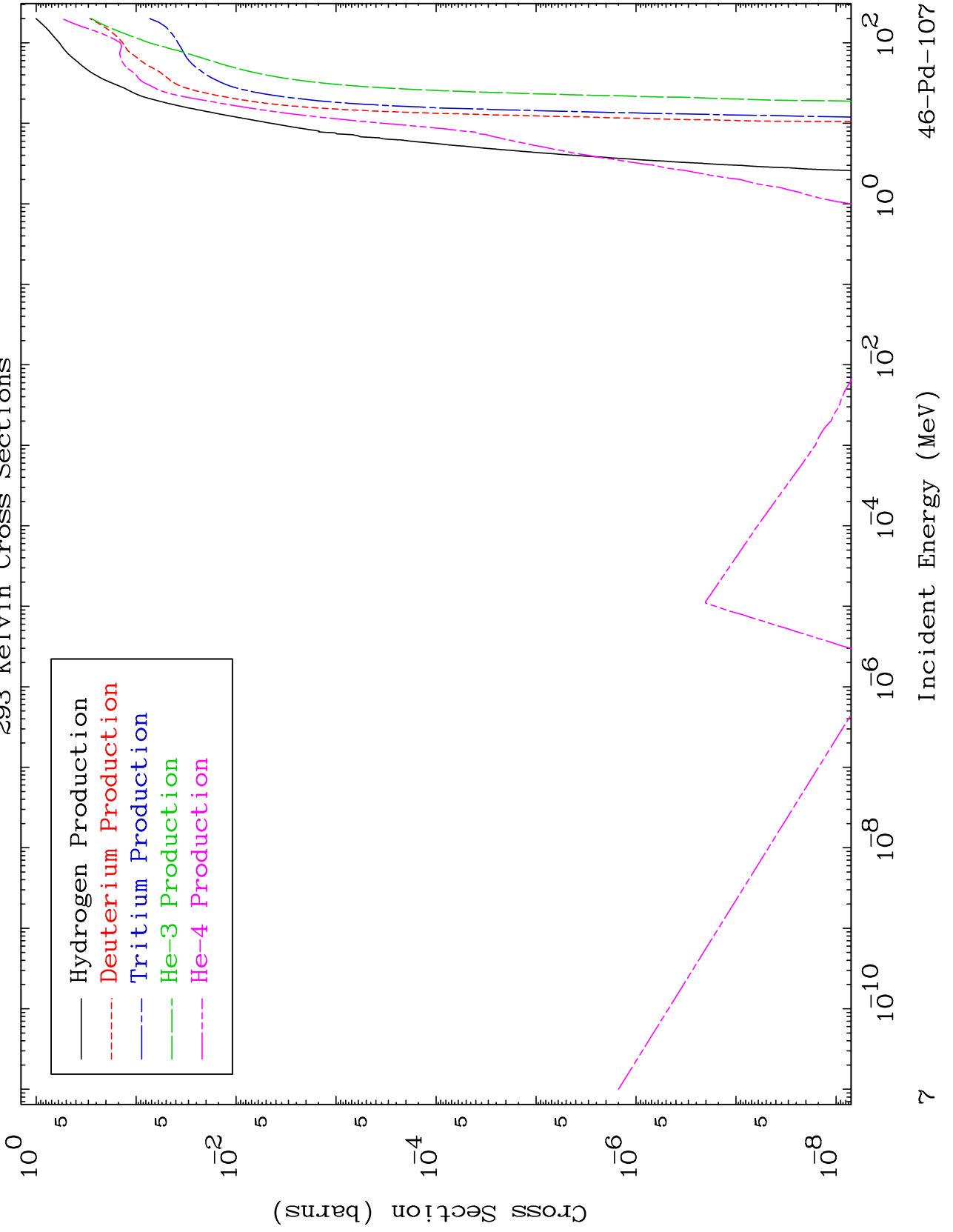
46-Pd-107

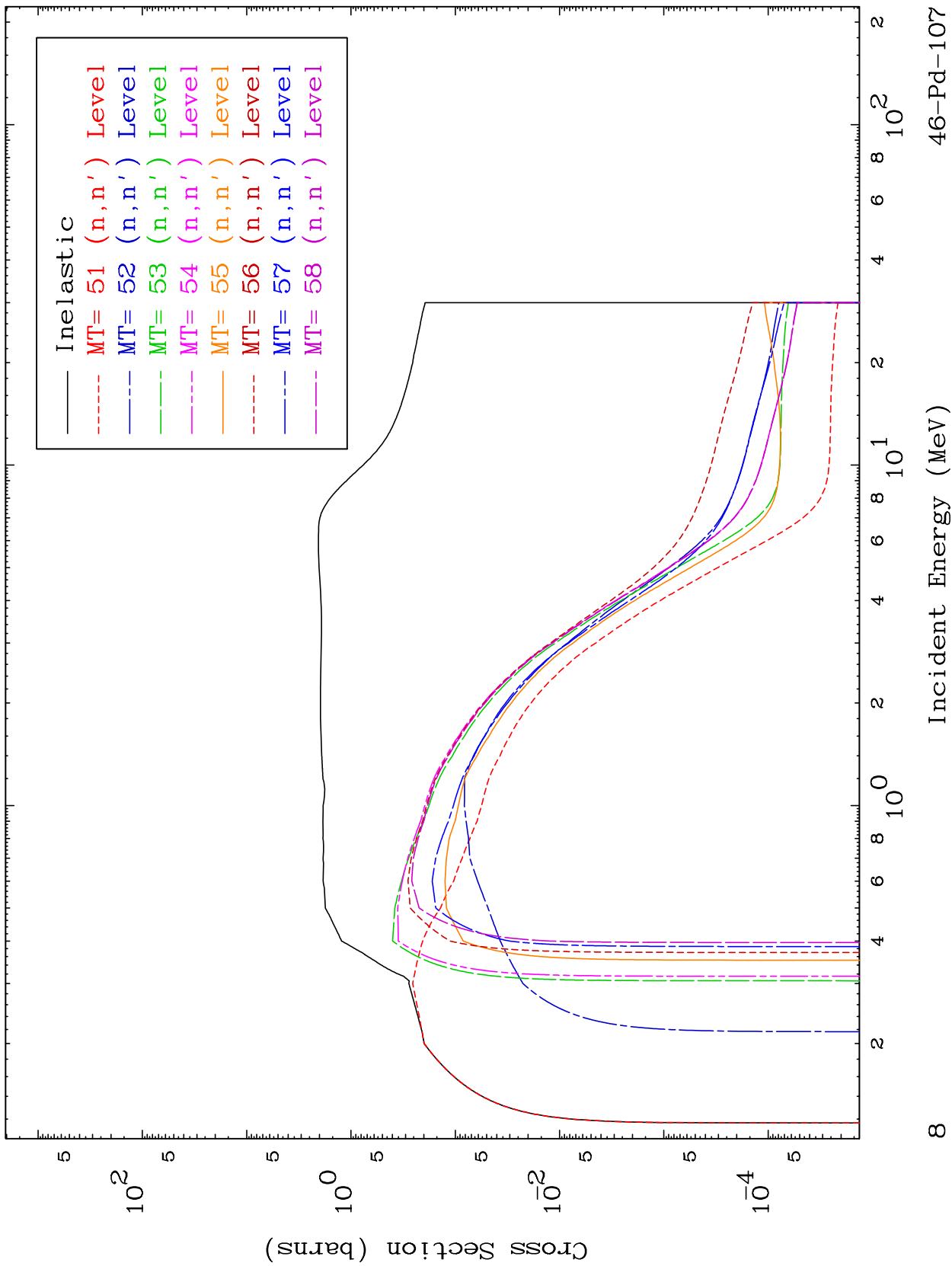


MAT 4640

Particle Production
293 Kelvin Cross Sections

46-Pd-107



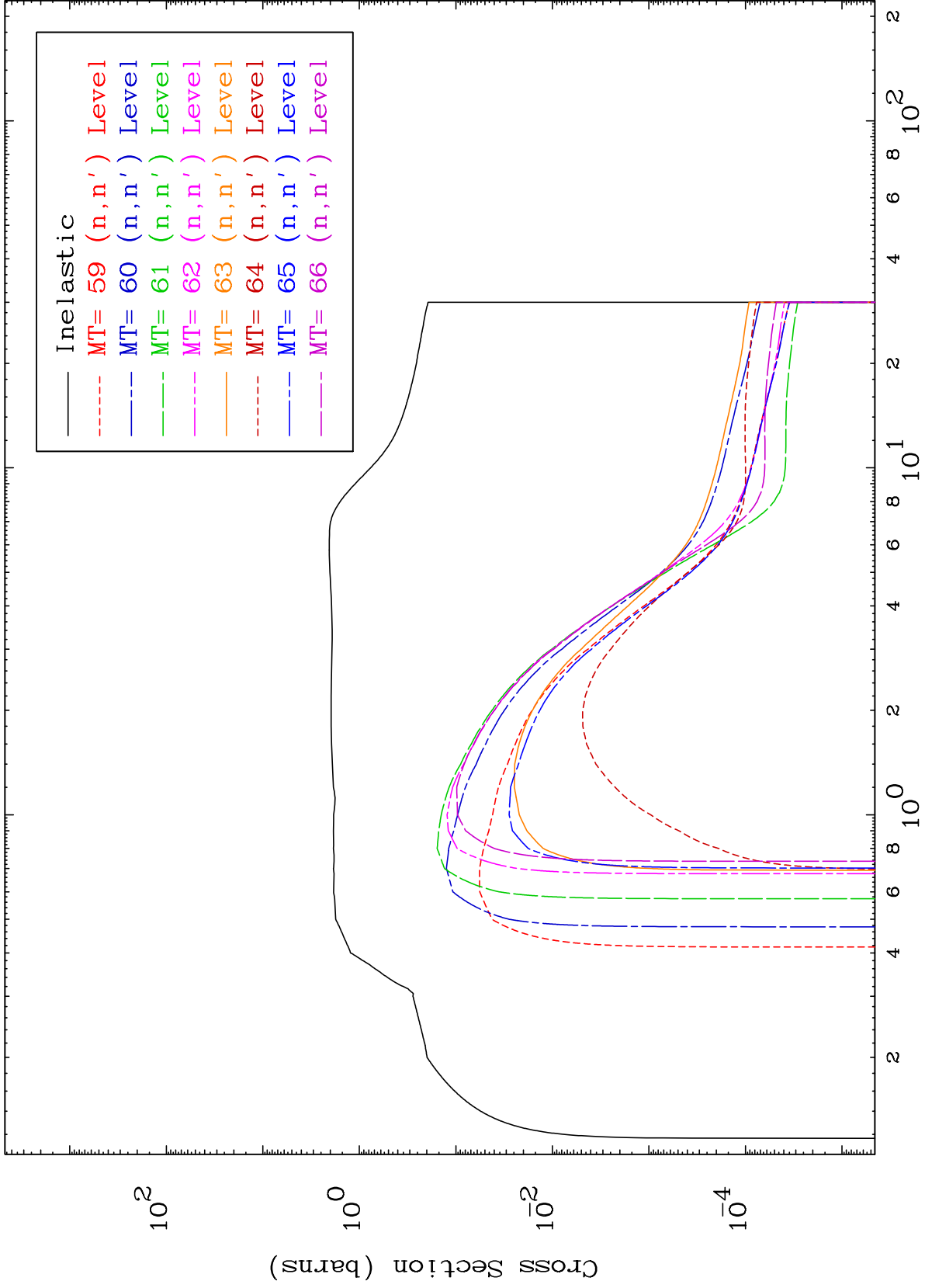


MAT 4640

(n,n') Levels

46-Pd-107

293 Kelvin Cross Sections

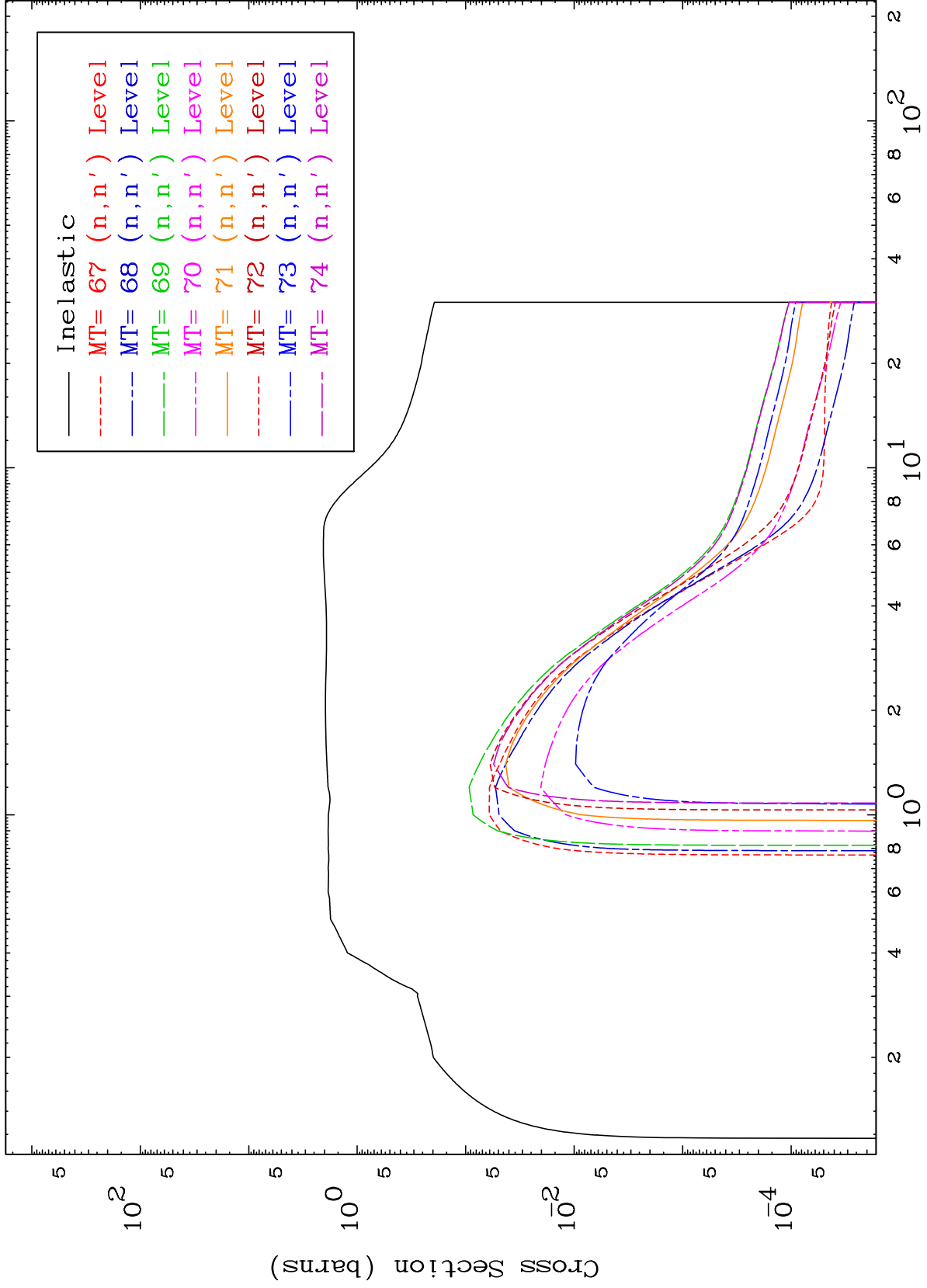


MAT 4640

(n,n') Levels

46-Pd-107

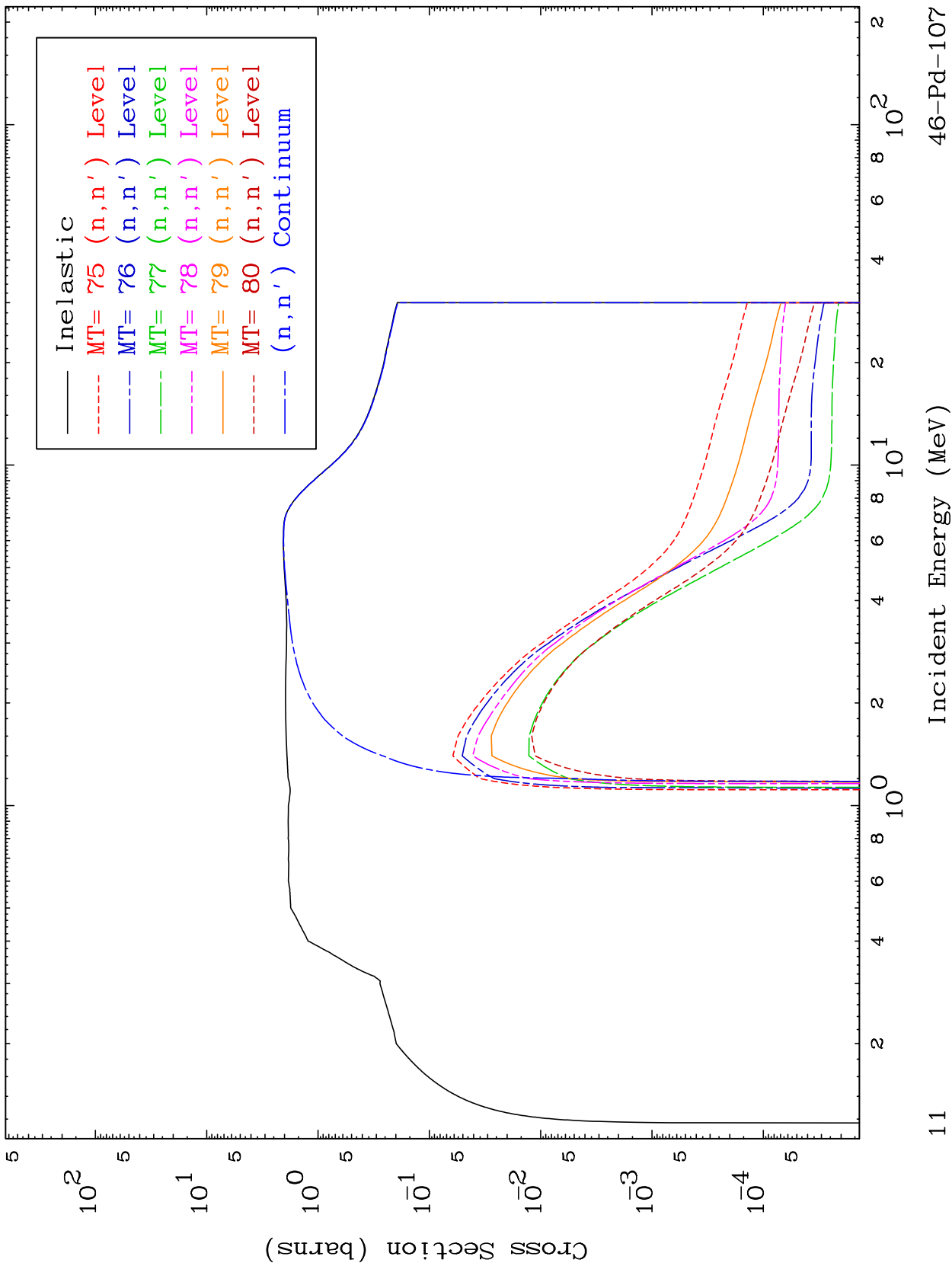
293 Kelvin Cross Sections



10

Incident Energy (MeV)

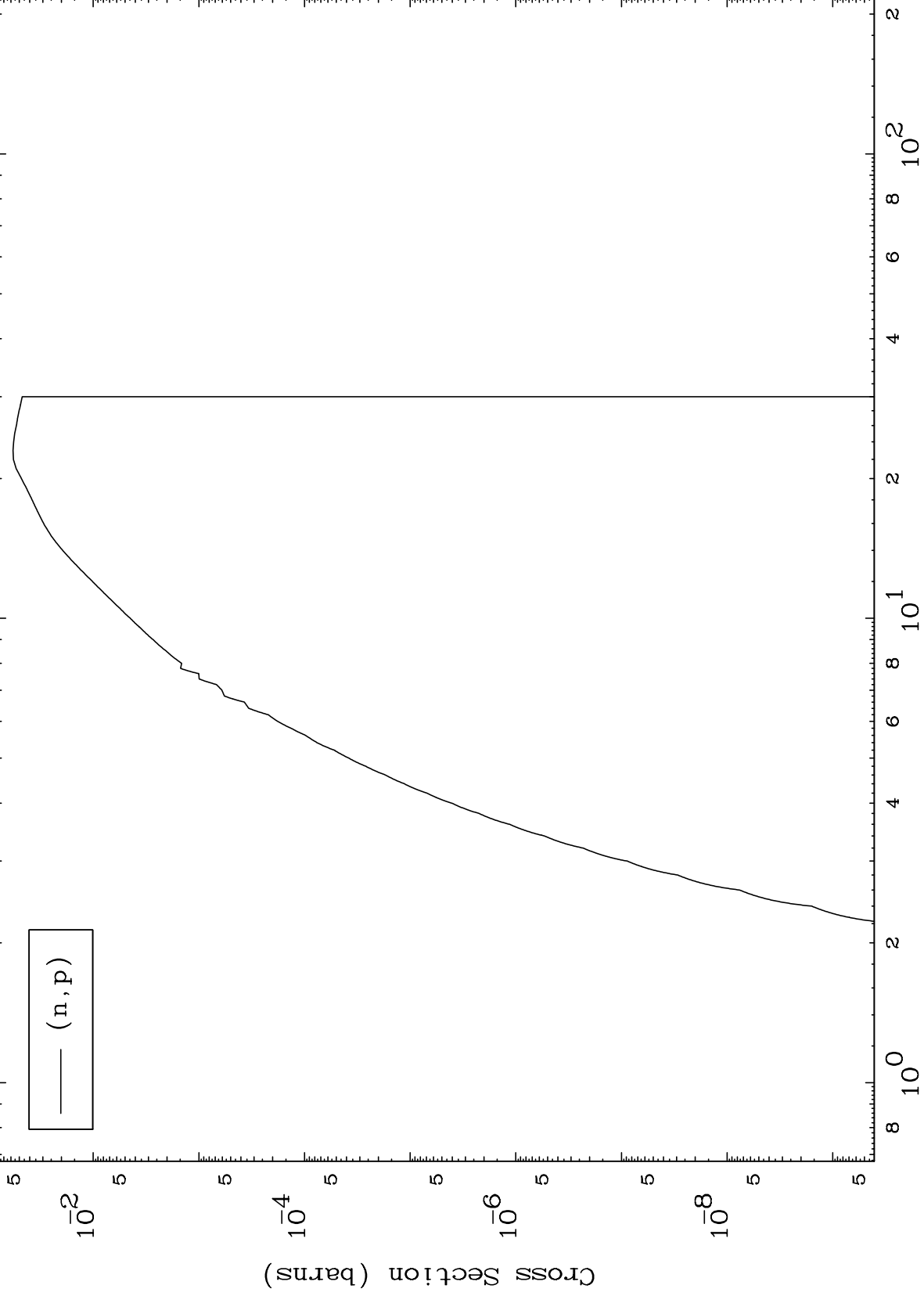
46-Pd-107



MAT 4640

(n,p) Levels
293 Kelvin Cross Sections

46-Pd-107



12

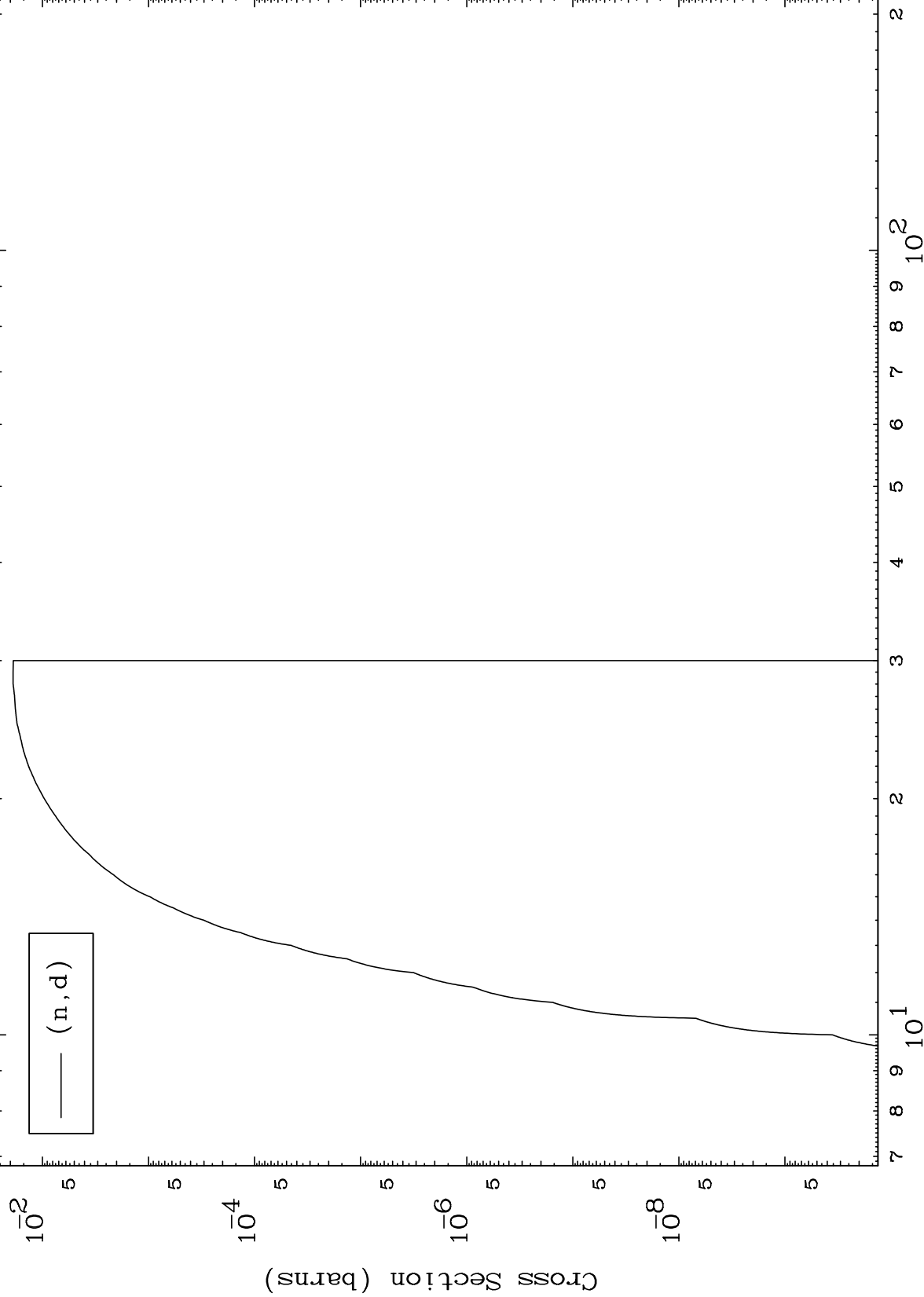
Incident Energy (MeV)

46-Pd-107

MAT 4640

(n,d) Levels
293 Kelvin Cross Sections

46-Pd-107



(n,d)

13

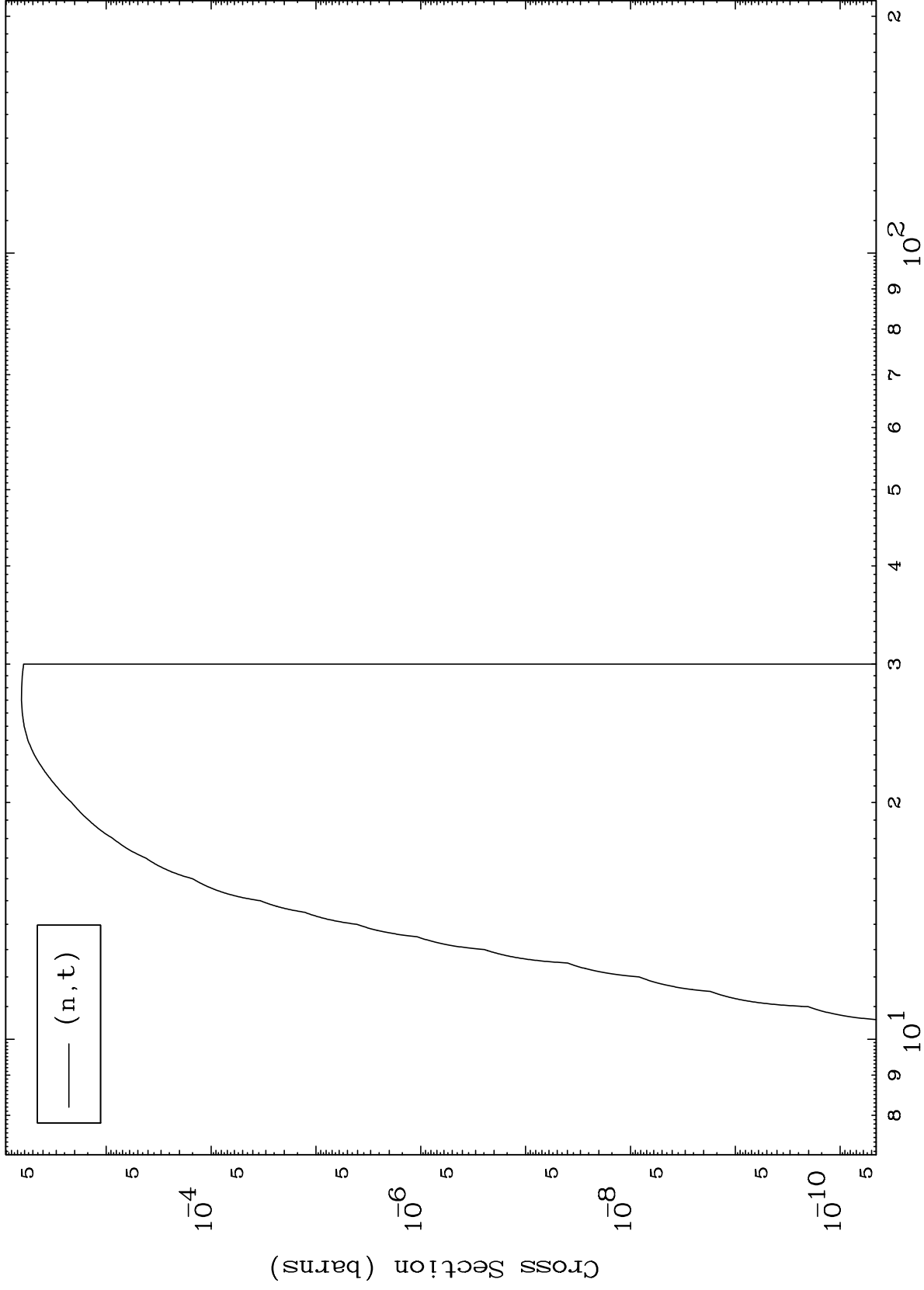
Incident Energy (MeV)

46-Pd-107

MAT 4640

(n,t) Levels
293 Kelvin Cross Sections

46-Pd-107



14

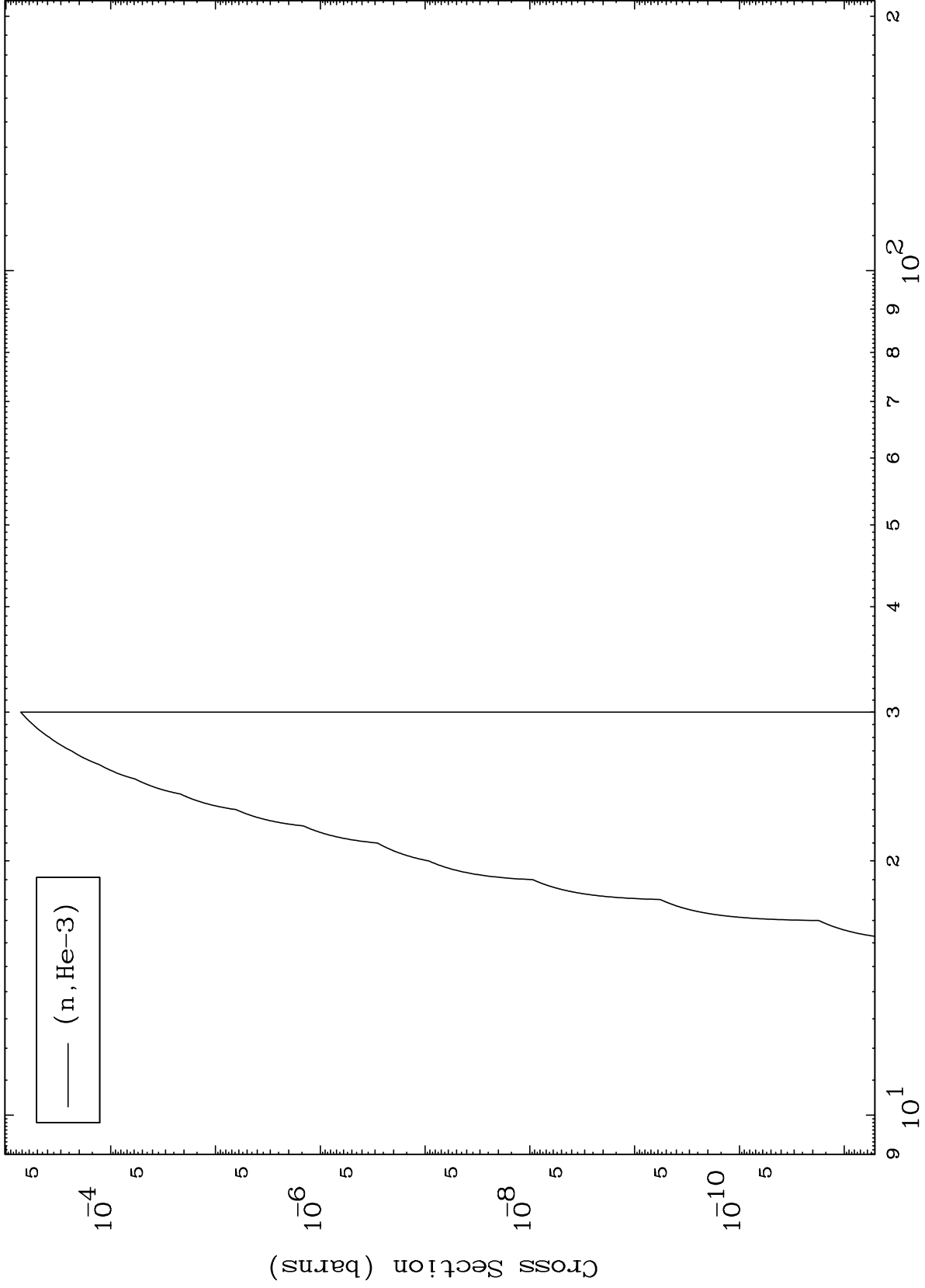
Incident Energy (MeV)

46-Pd-107

MAT 4640

(n,He3) Levels
293 Kelvin Cross Sections

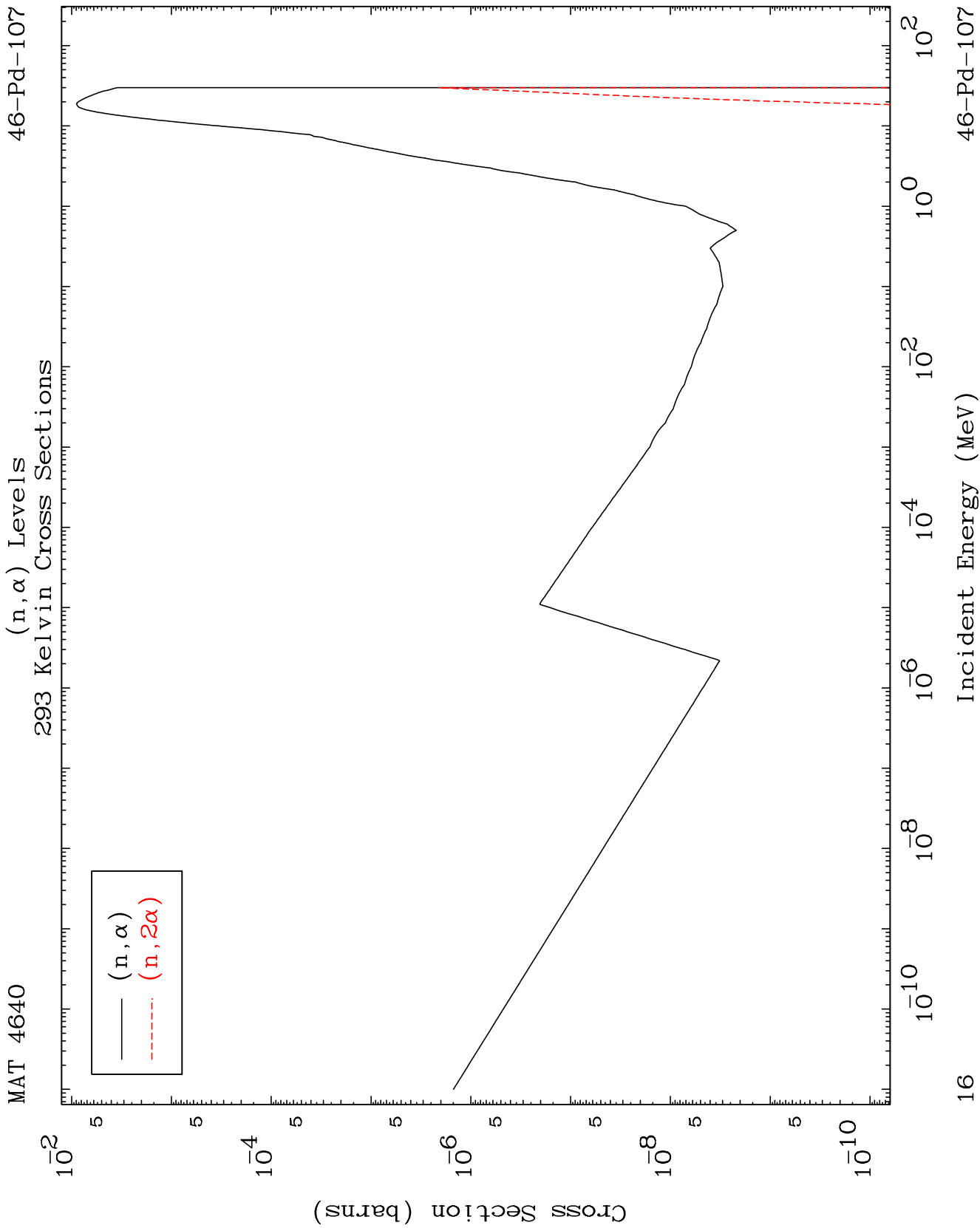
46-Pd-107



15

Incident Energy (MeV)

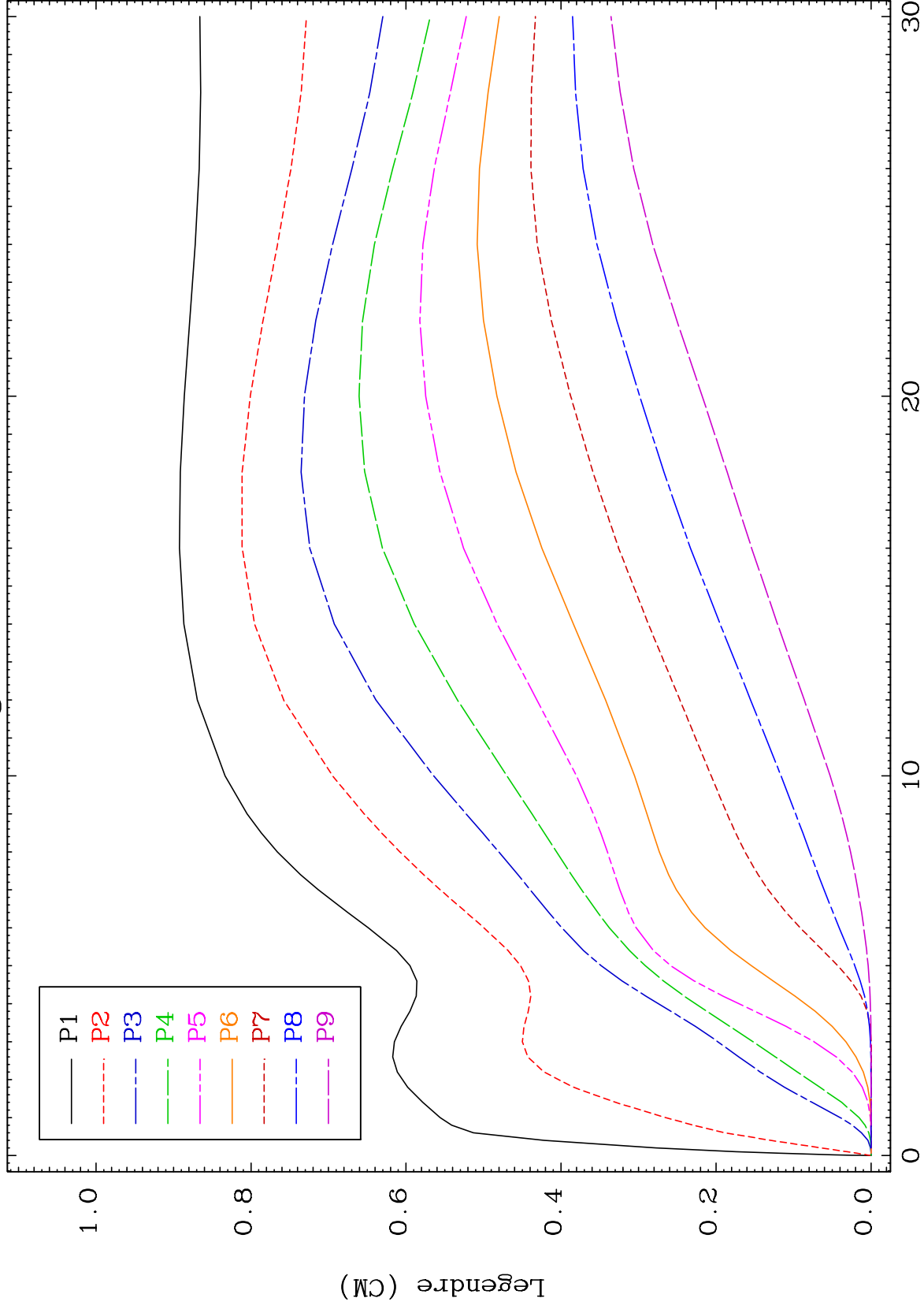
46-Pd-107



MAT 4640

Elastic Legendre Coefficients

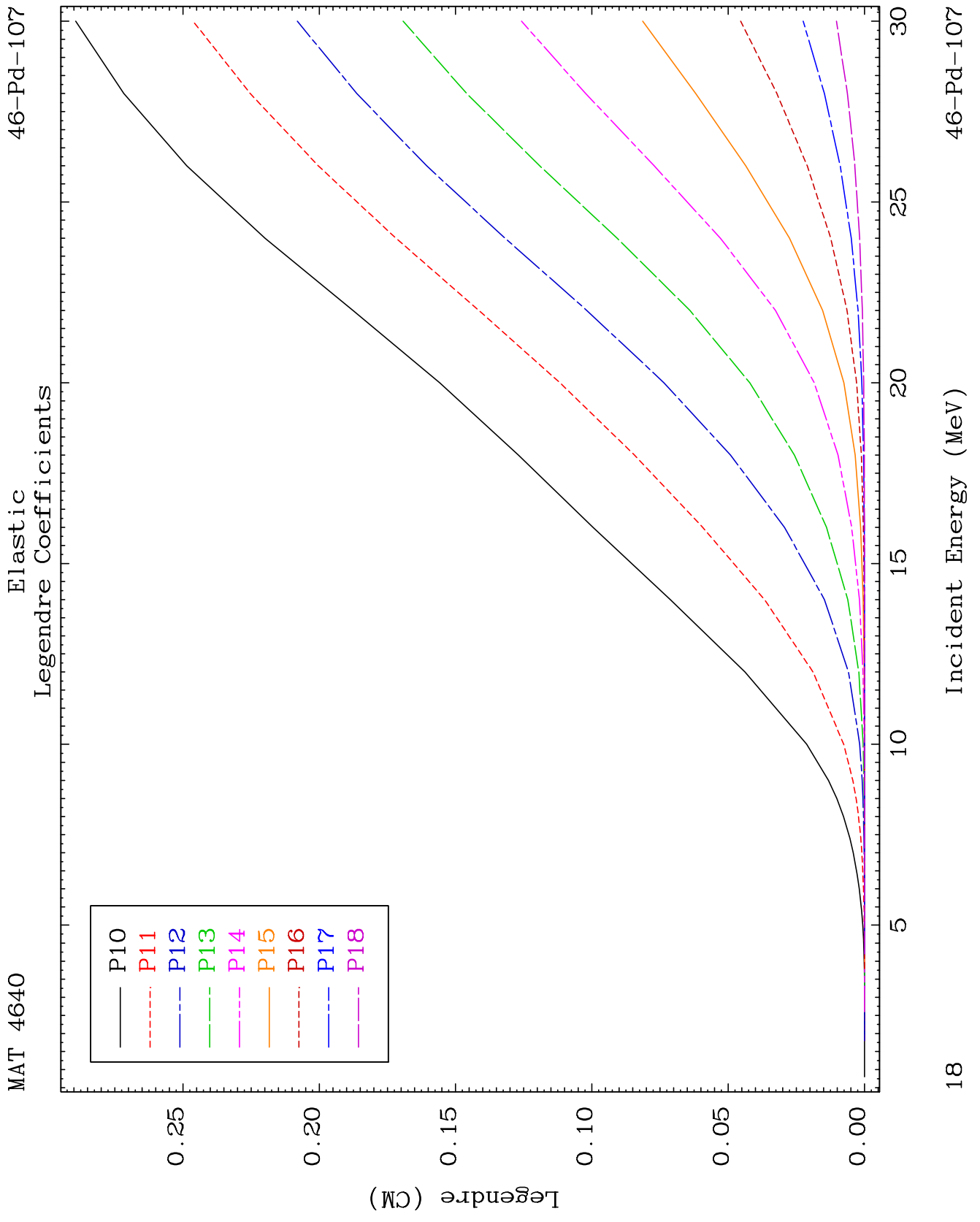
46-Pd-107



17

Incident Energy (MeV)

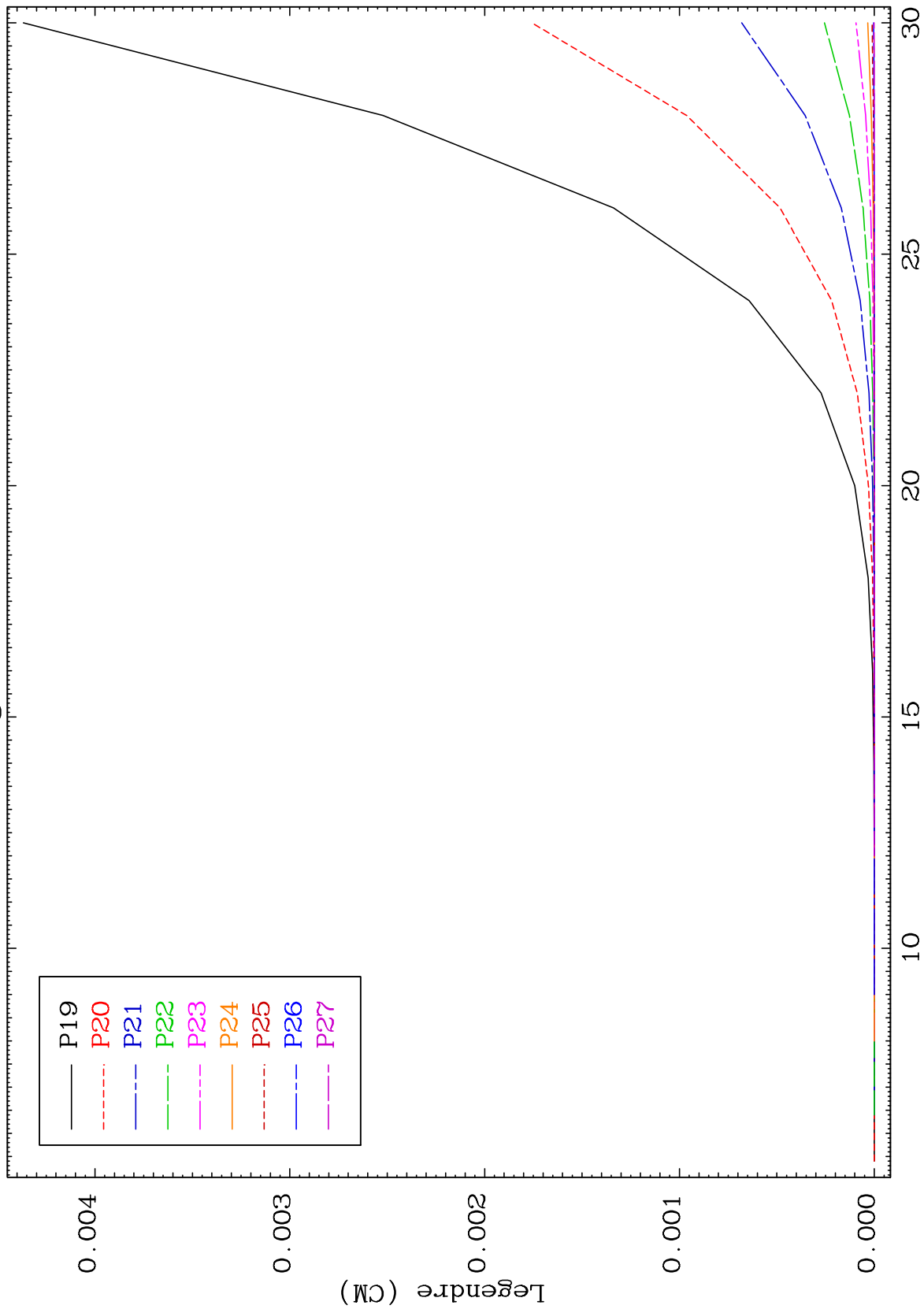
46-Pd-107



MAT 4640

Elastic
Legendre Coefficients

46-Pd-107



19

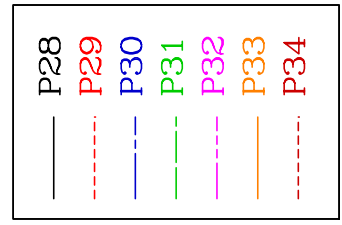
Incident Energy (MeV)

46-Pd-107

MAT 4640

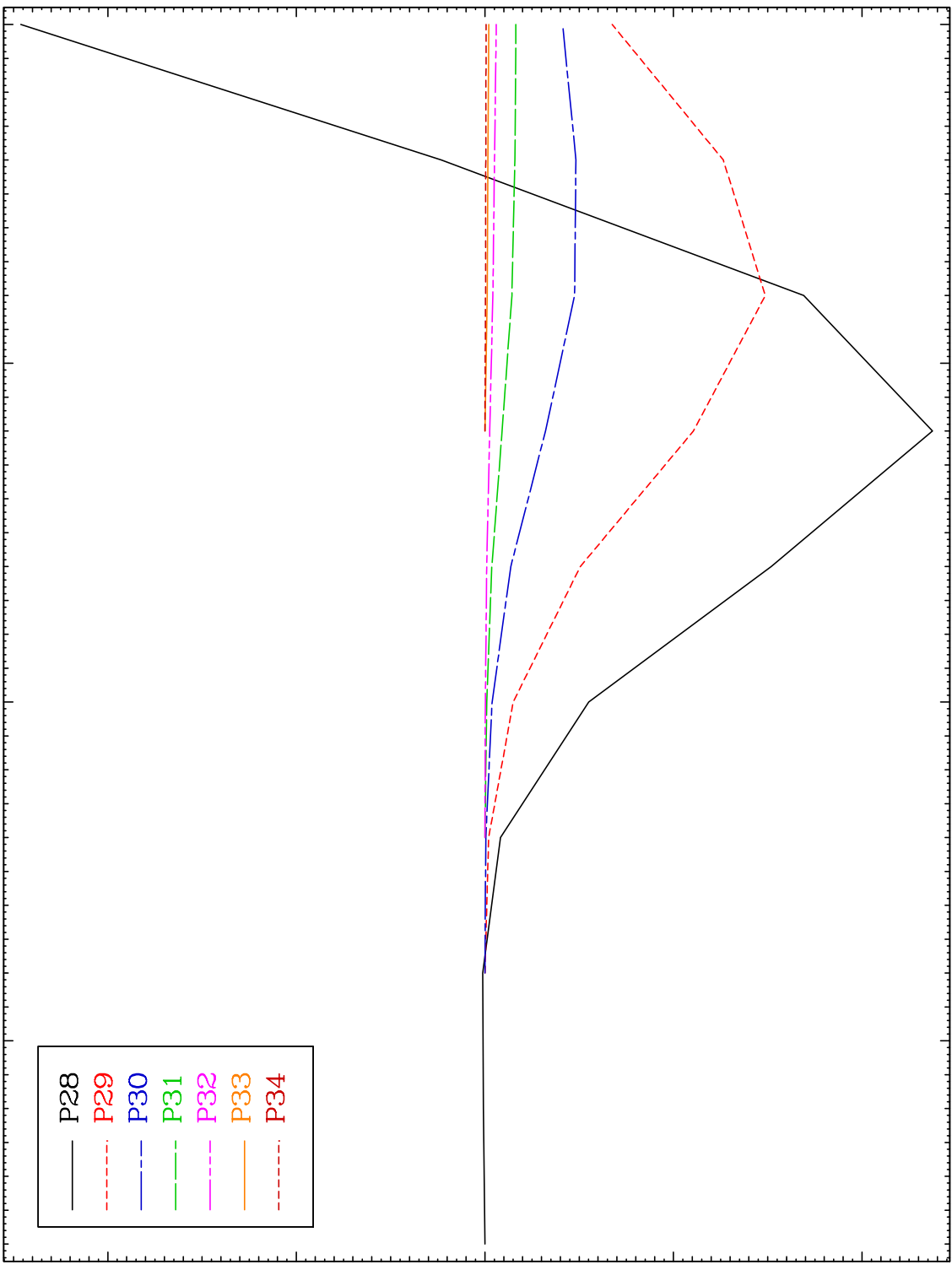
Elastic Legendre Coefficients

46-Pd-107



$\times 10^{-7}$

Legendre (CM)



15

20

25

30

20

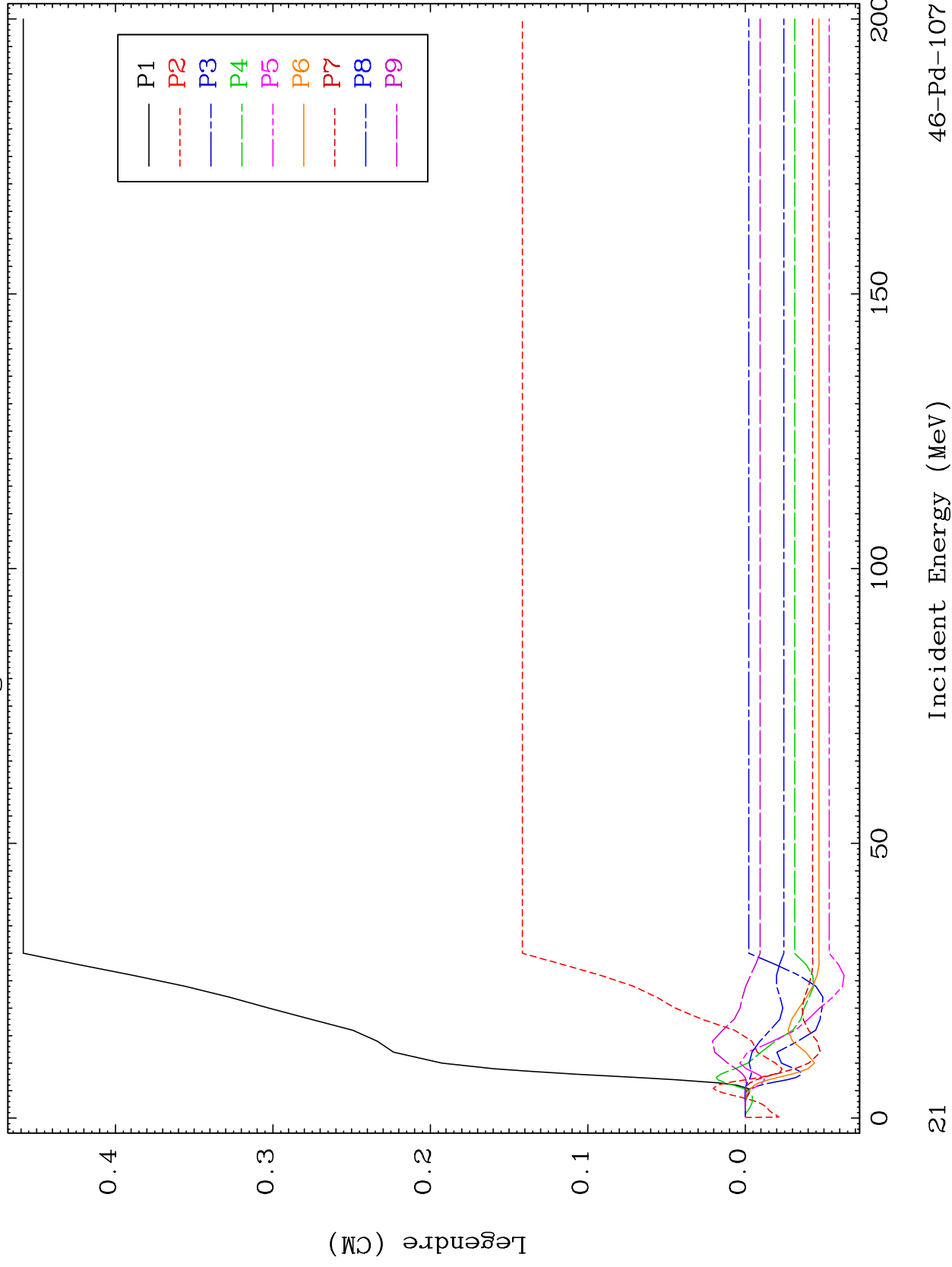
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

46-Pd-107



21

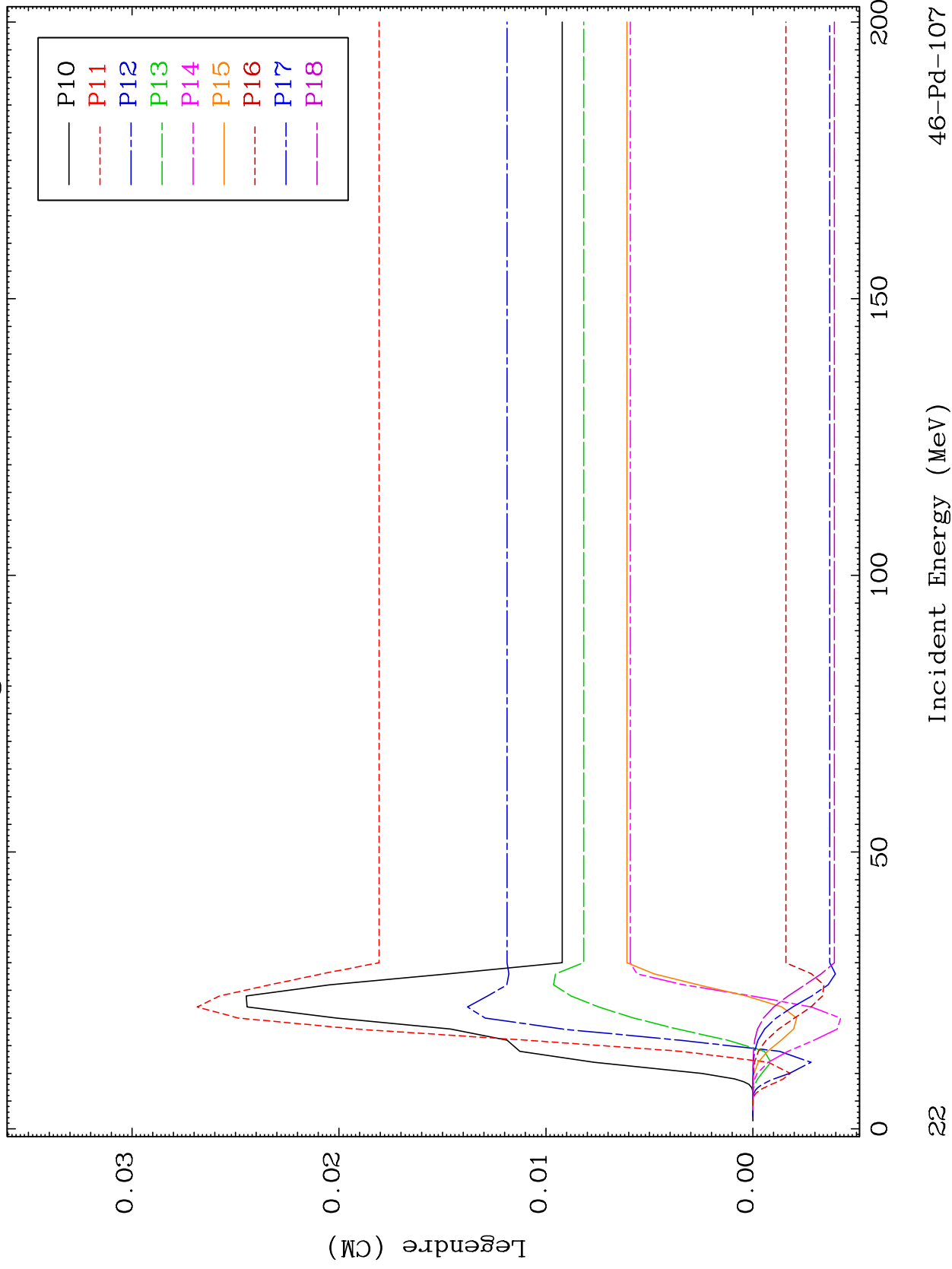
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

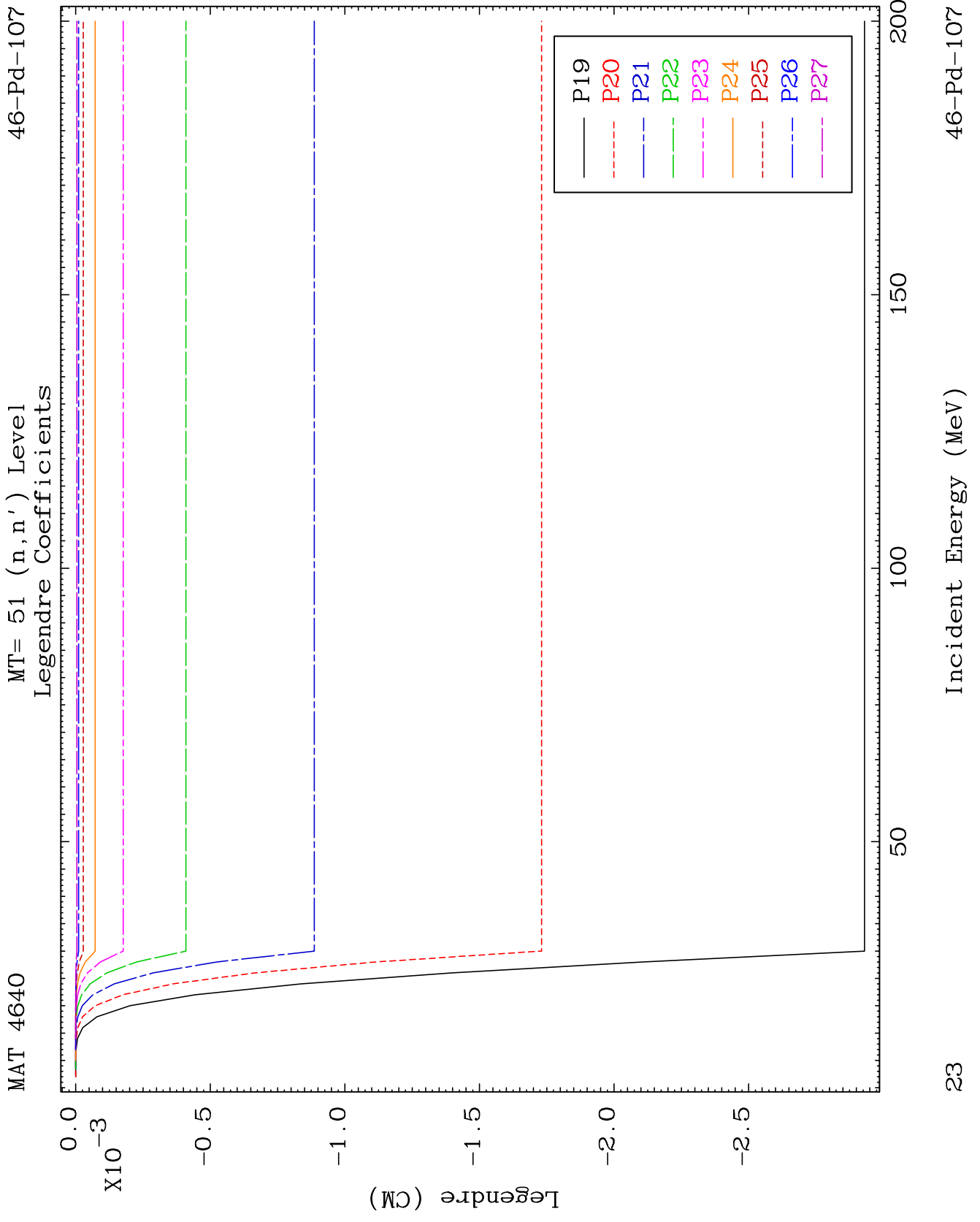
46-Pd-107

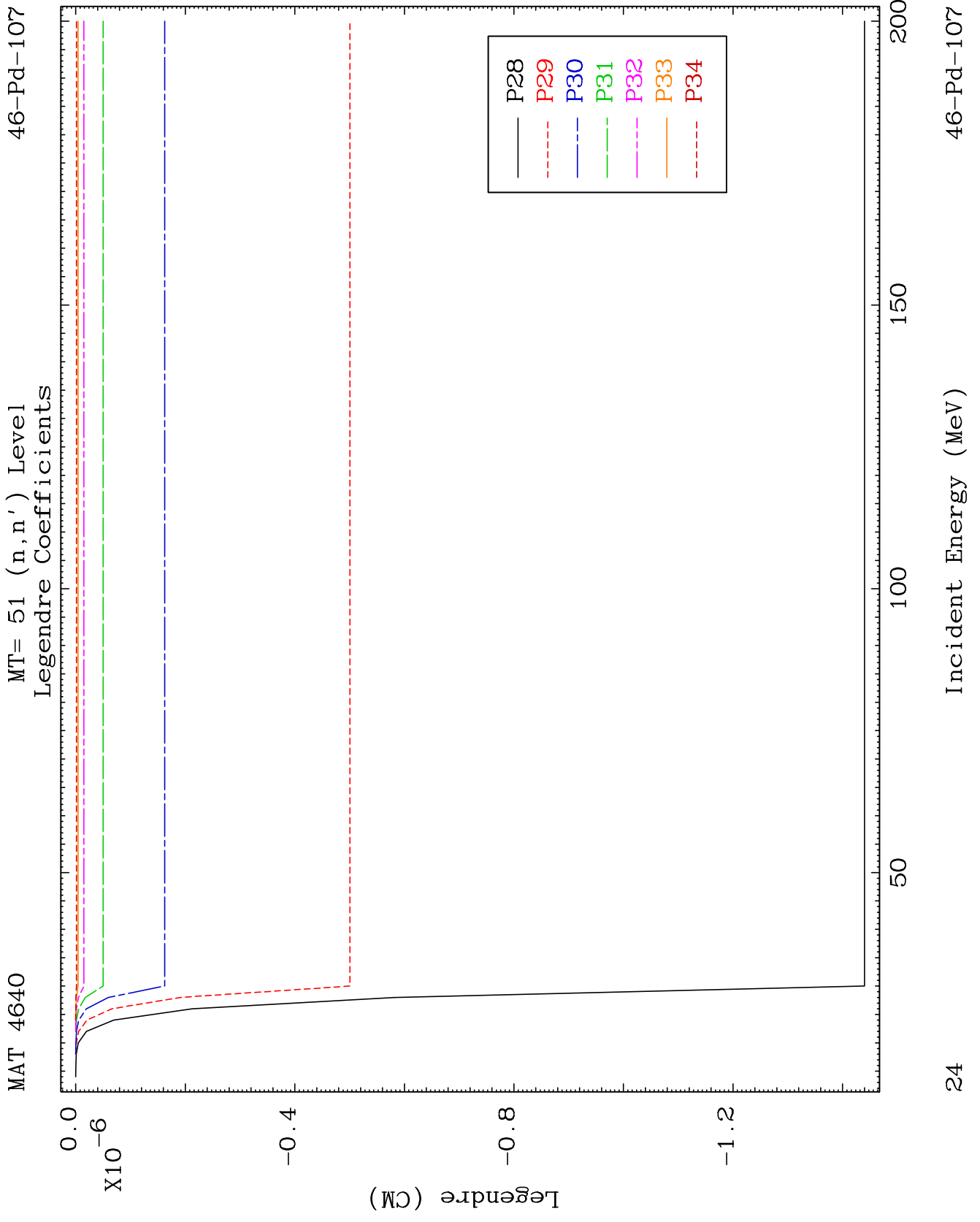


22

Incident Energy (MeV)

46-Pd-107

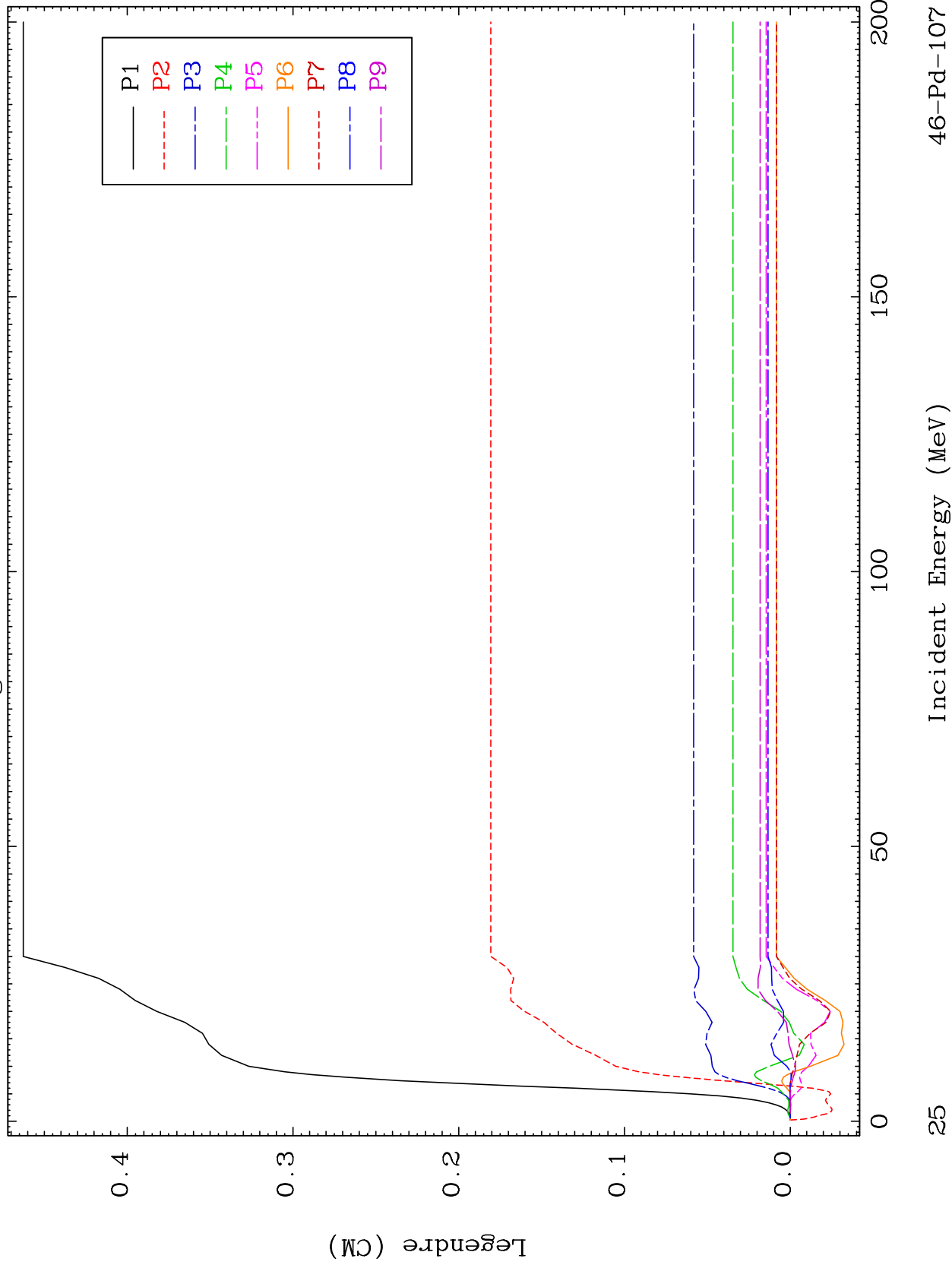




MAT 4640

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

46-Pd-107



46-Pd-107

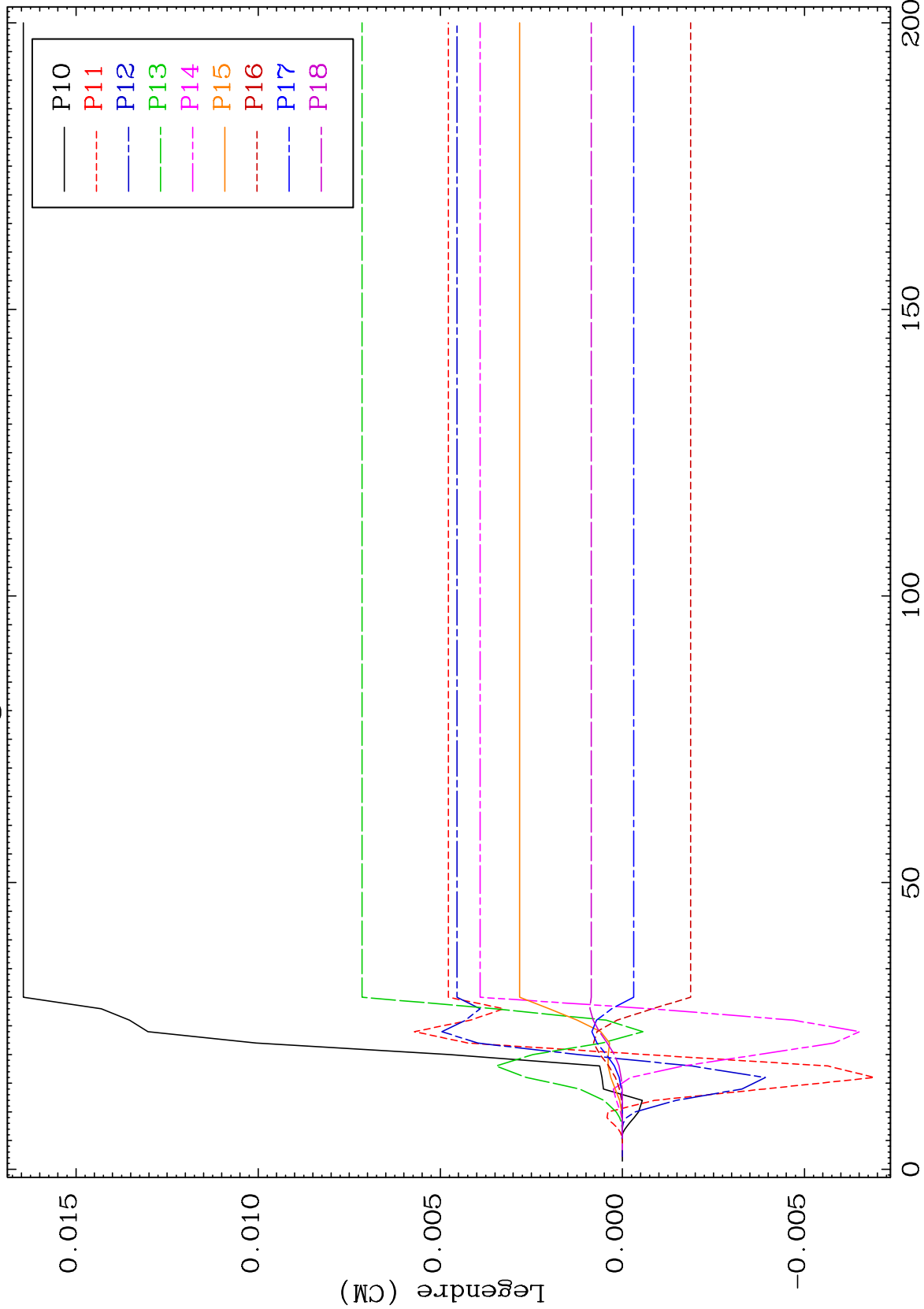
Incident Energy (MeV)

25

MAT 4640

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

46-Pd-107



26

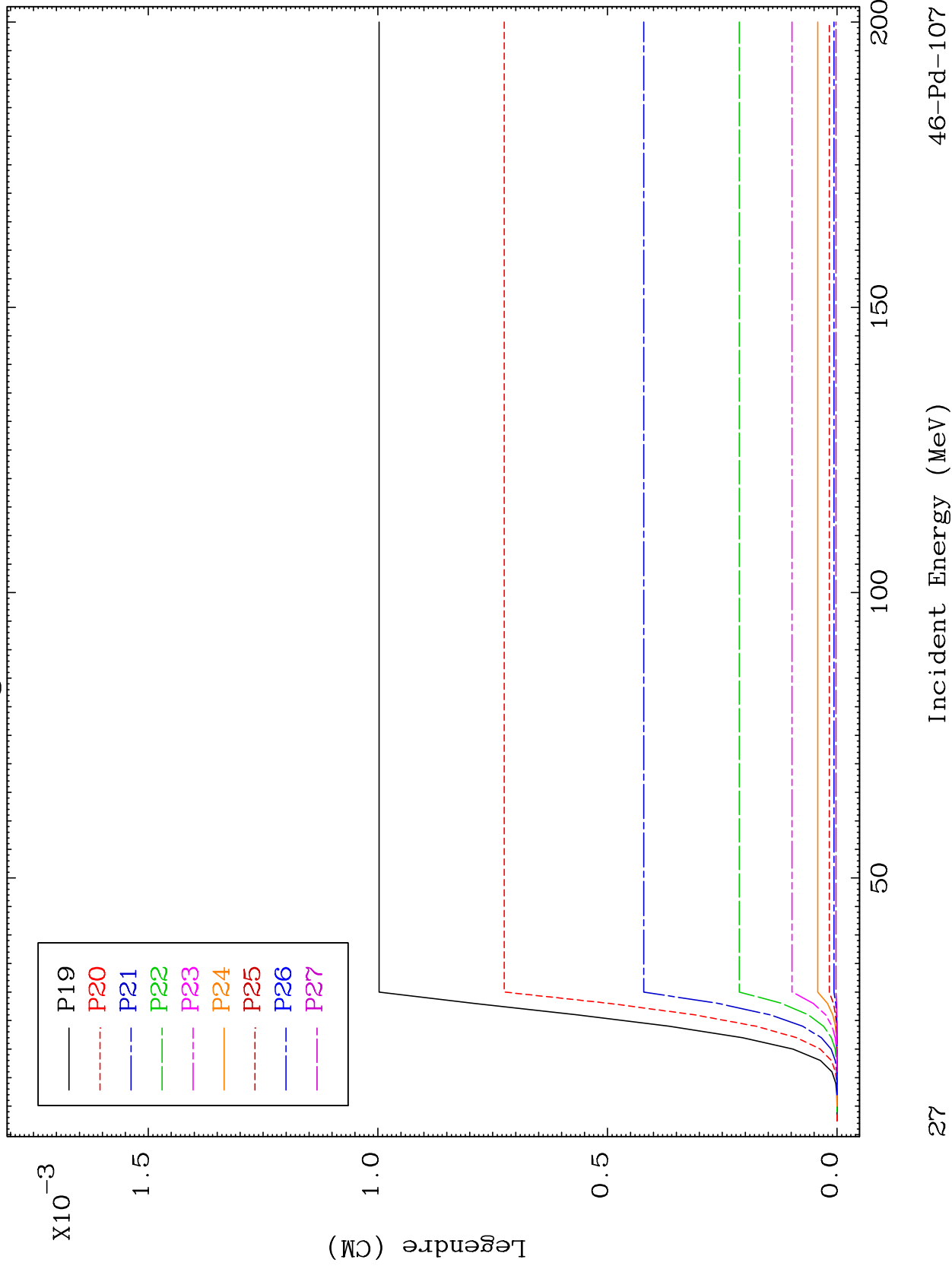
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

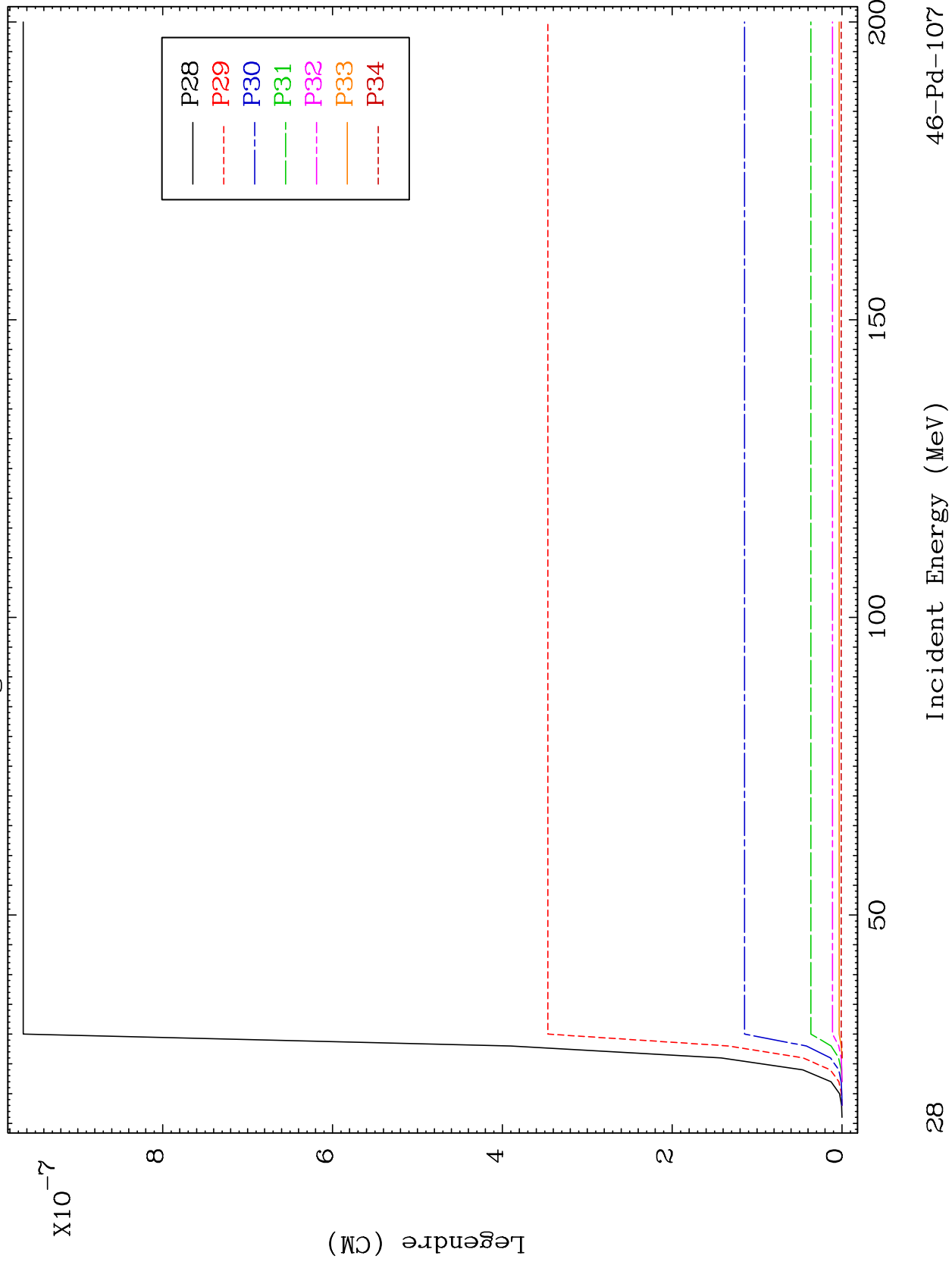
46-Pd-107



MAT 4640

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

46-Pd-107



28

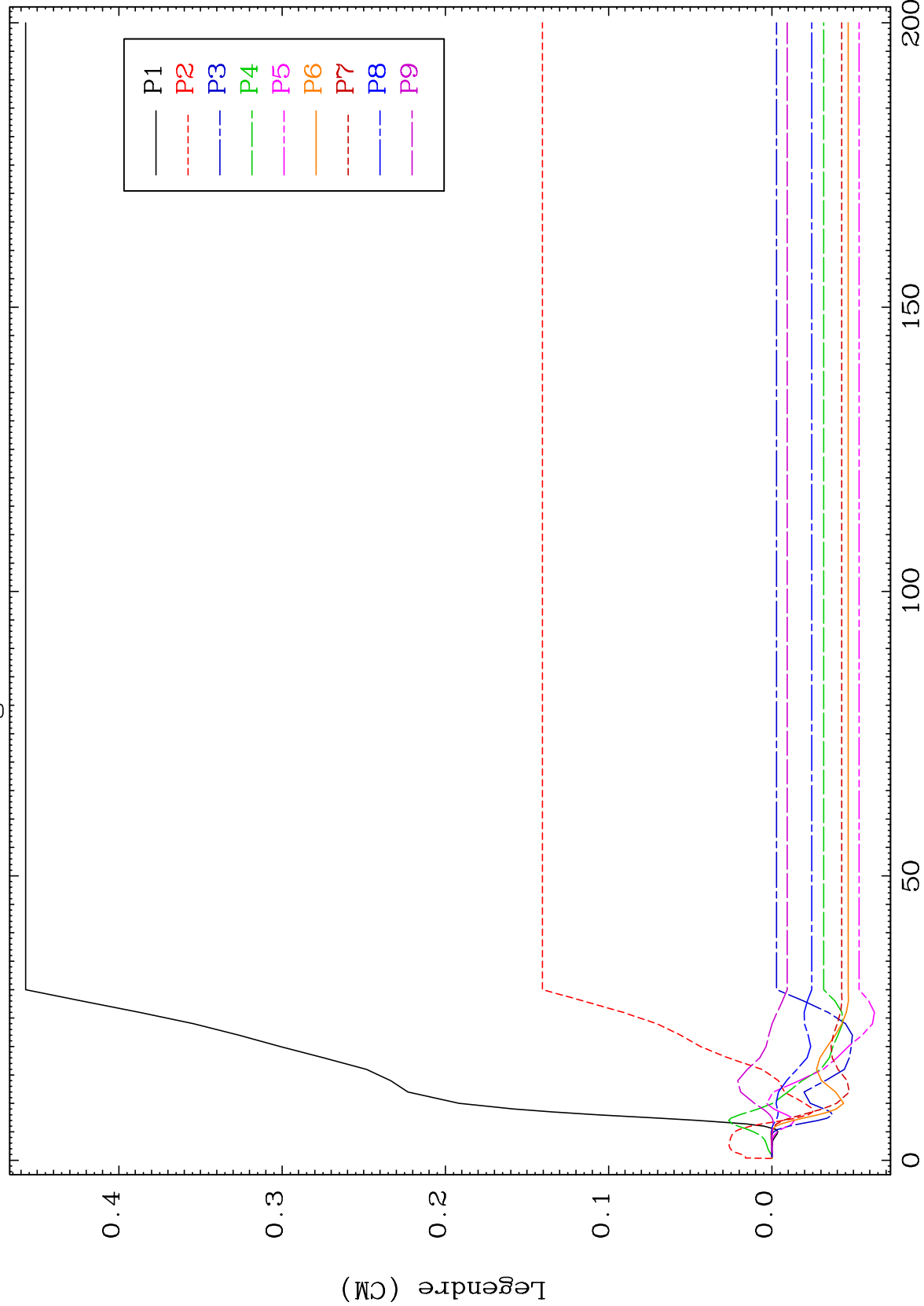
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

46-Pd-107



29

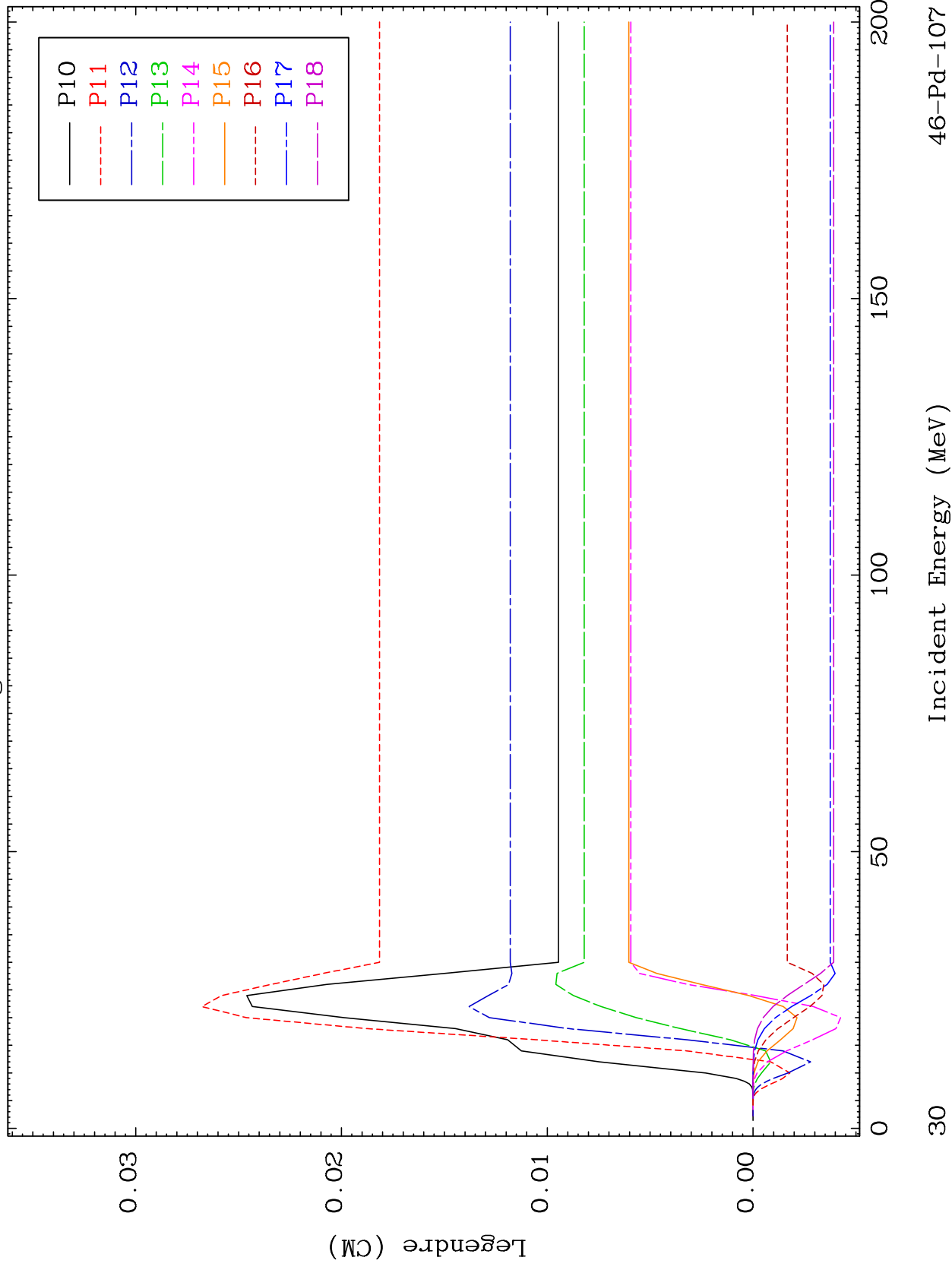
Incident Energy (MeV)

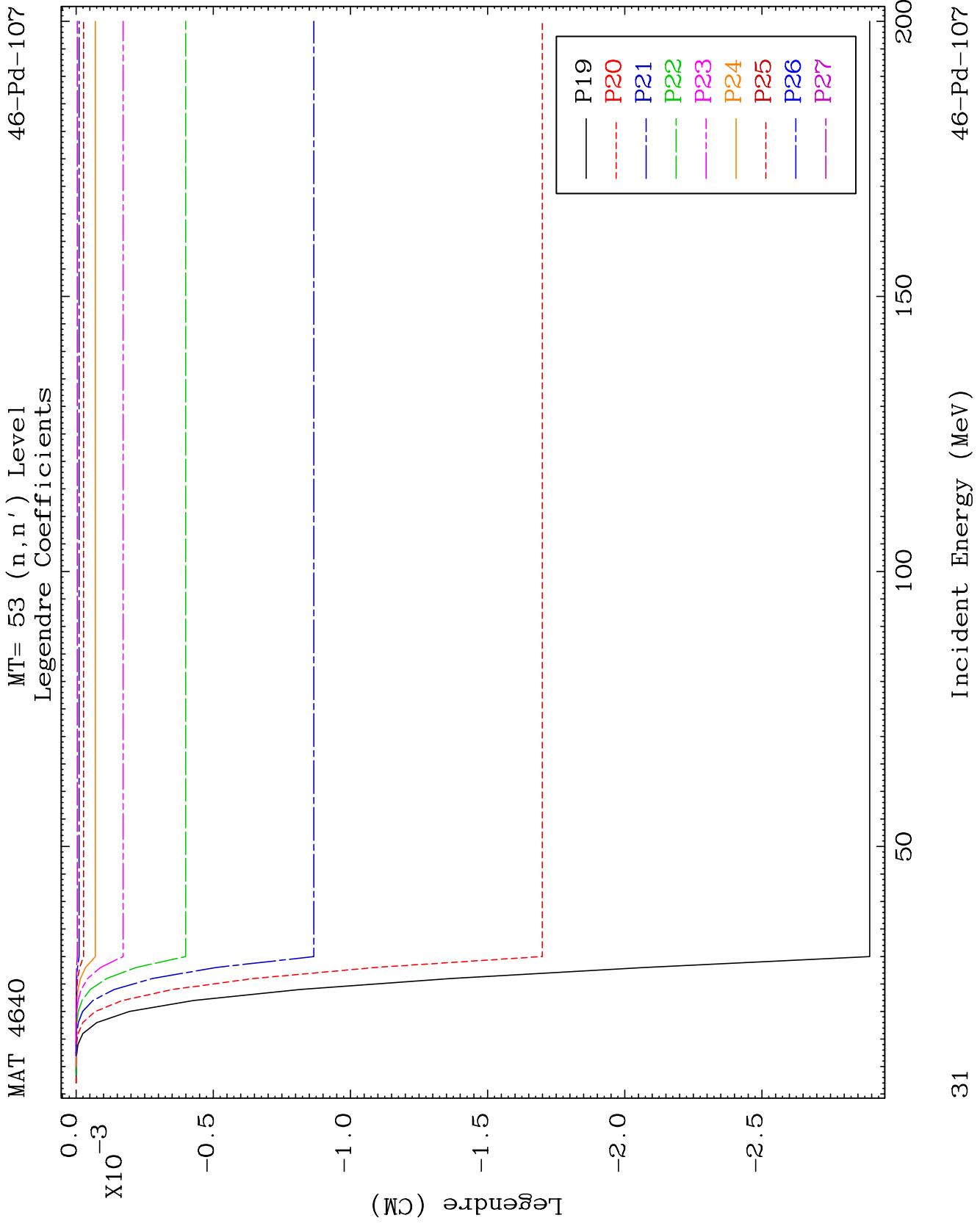
46-Pd-107

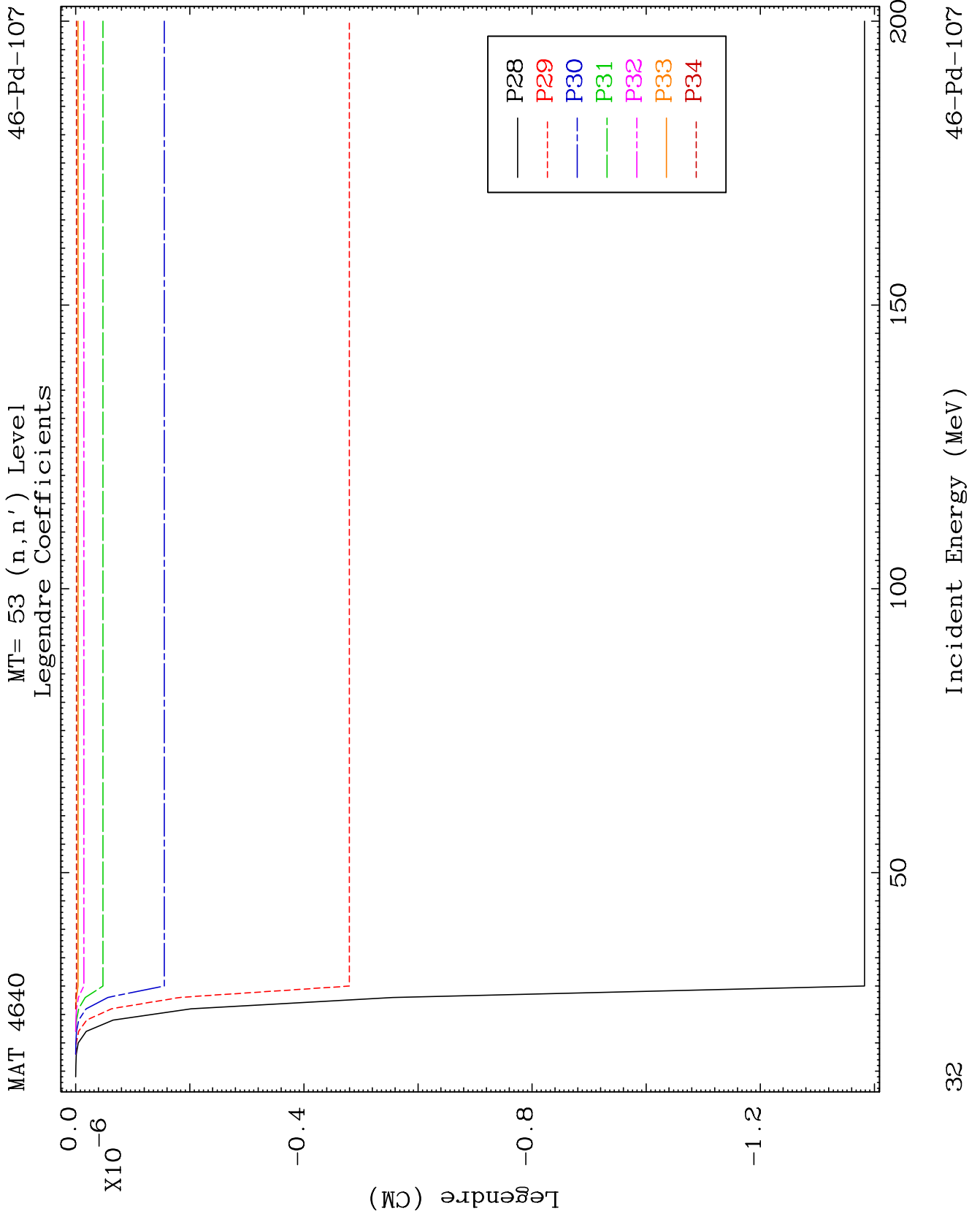
MAT 4640

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

46-Pd-107



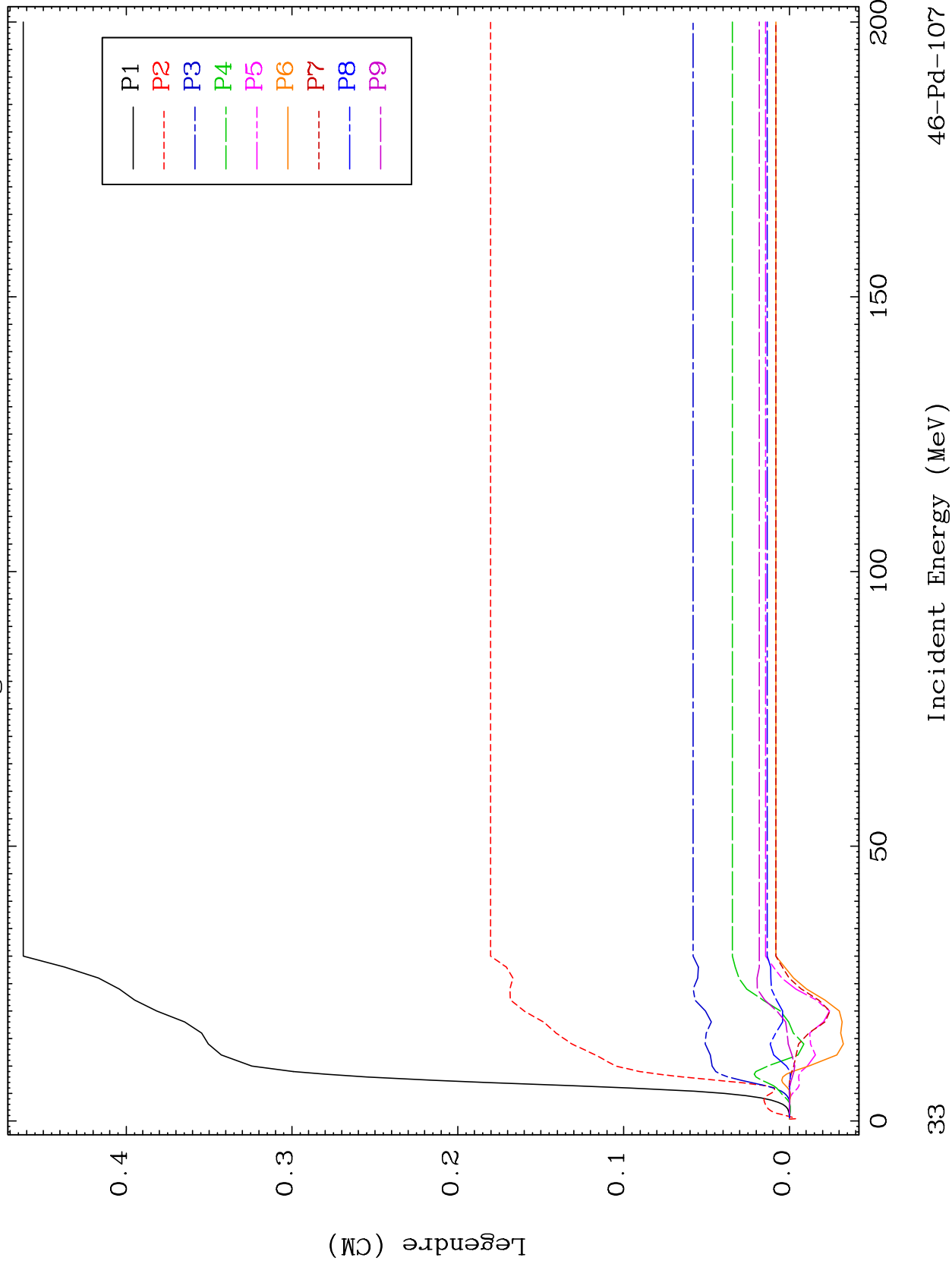




MAT 4640

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

46-Pd-107



46-Pd-107

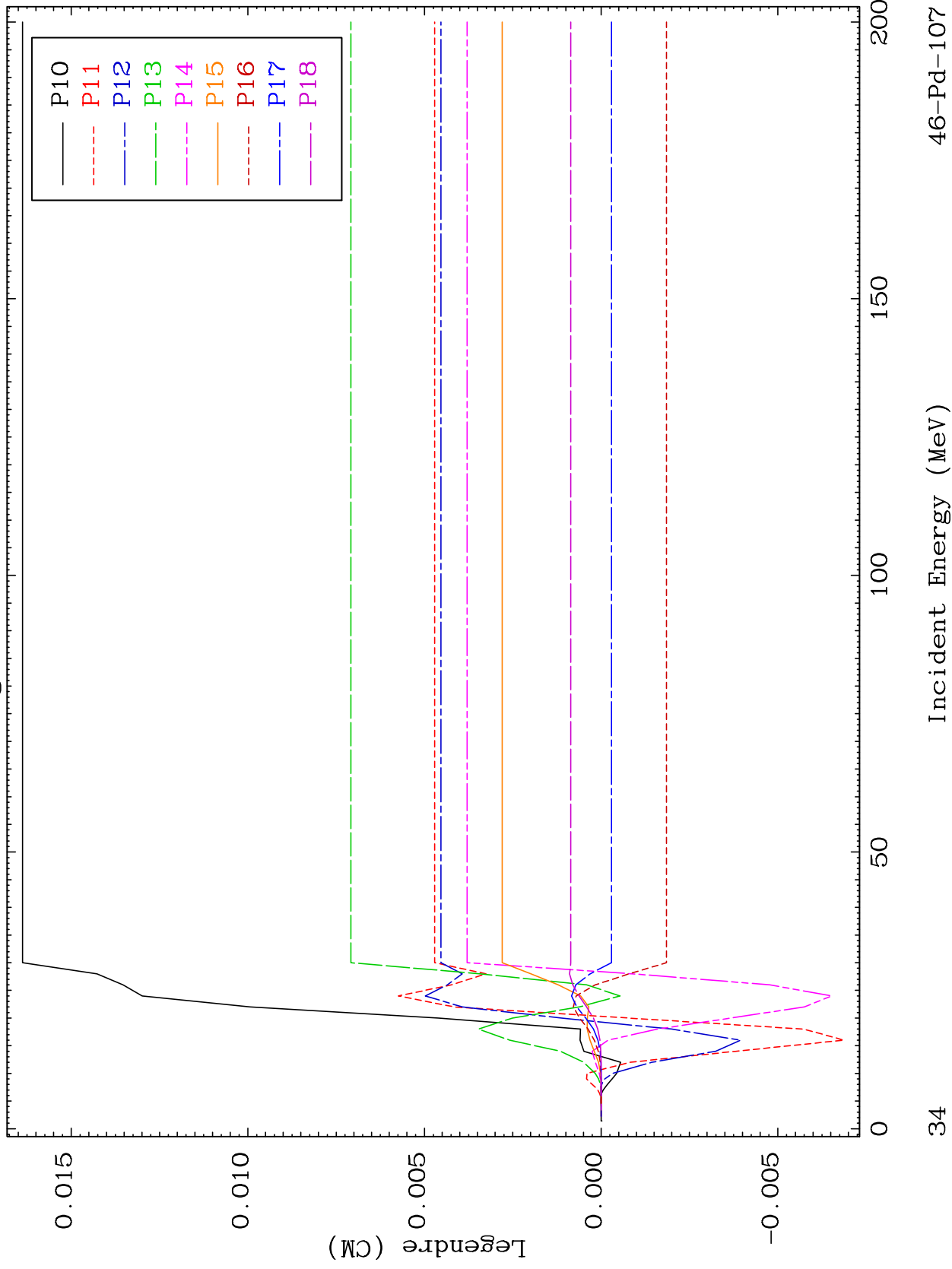
Incident Energy (MeV)

33

MAT 4640

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

46-Pd-107



34

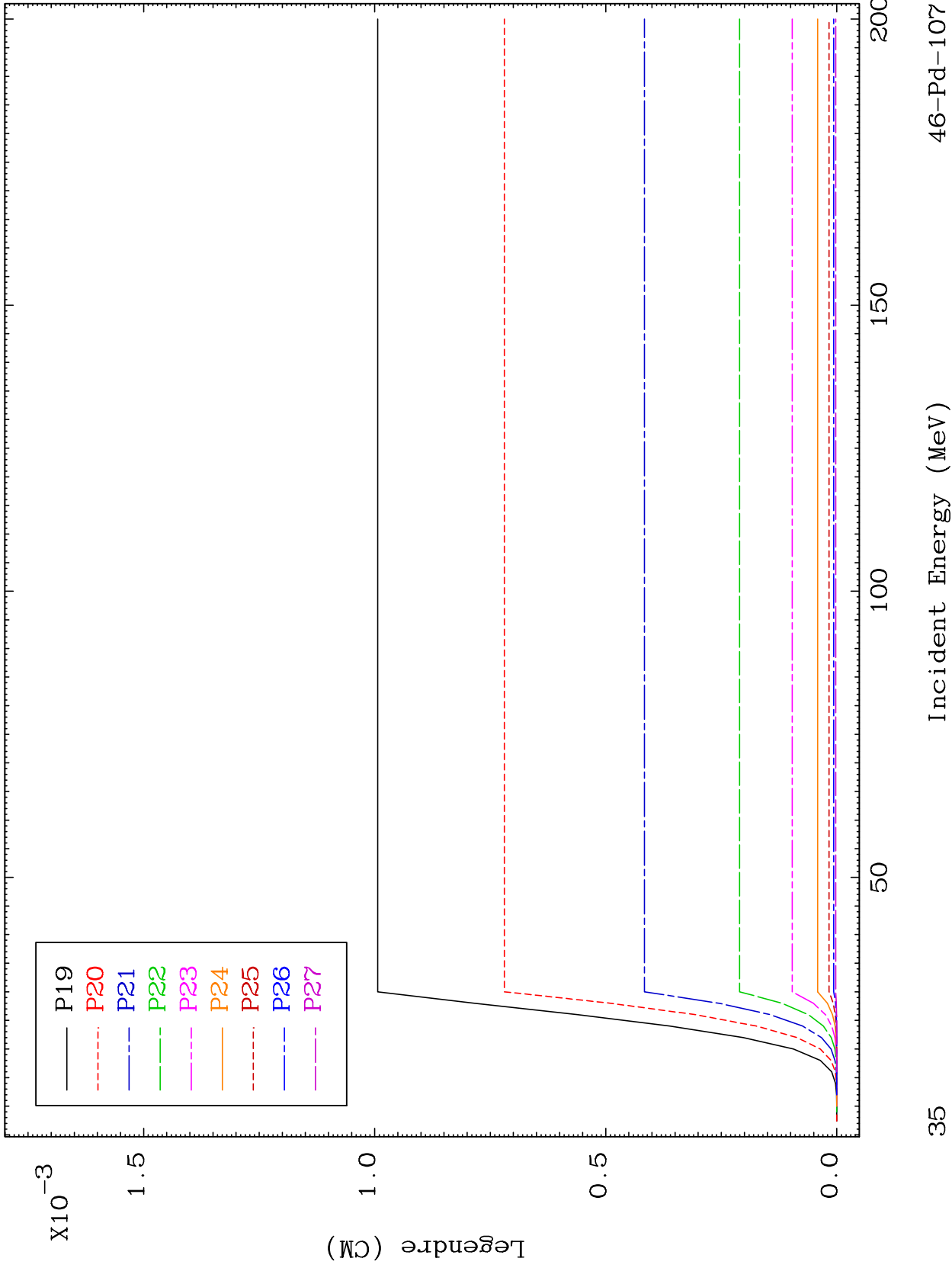
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

46-Pd-107



35

Incident Energy (MeV)

46-Pd-107

200

150

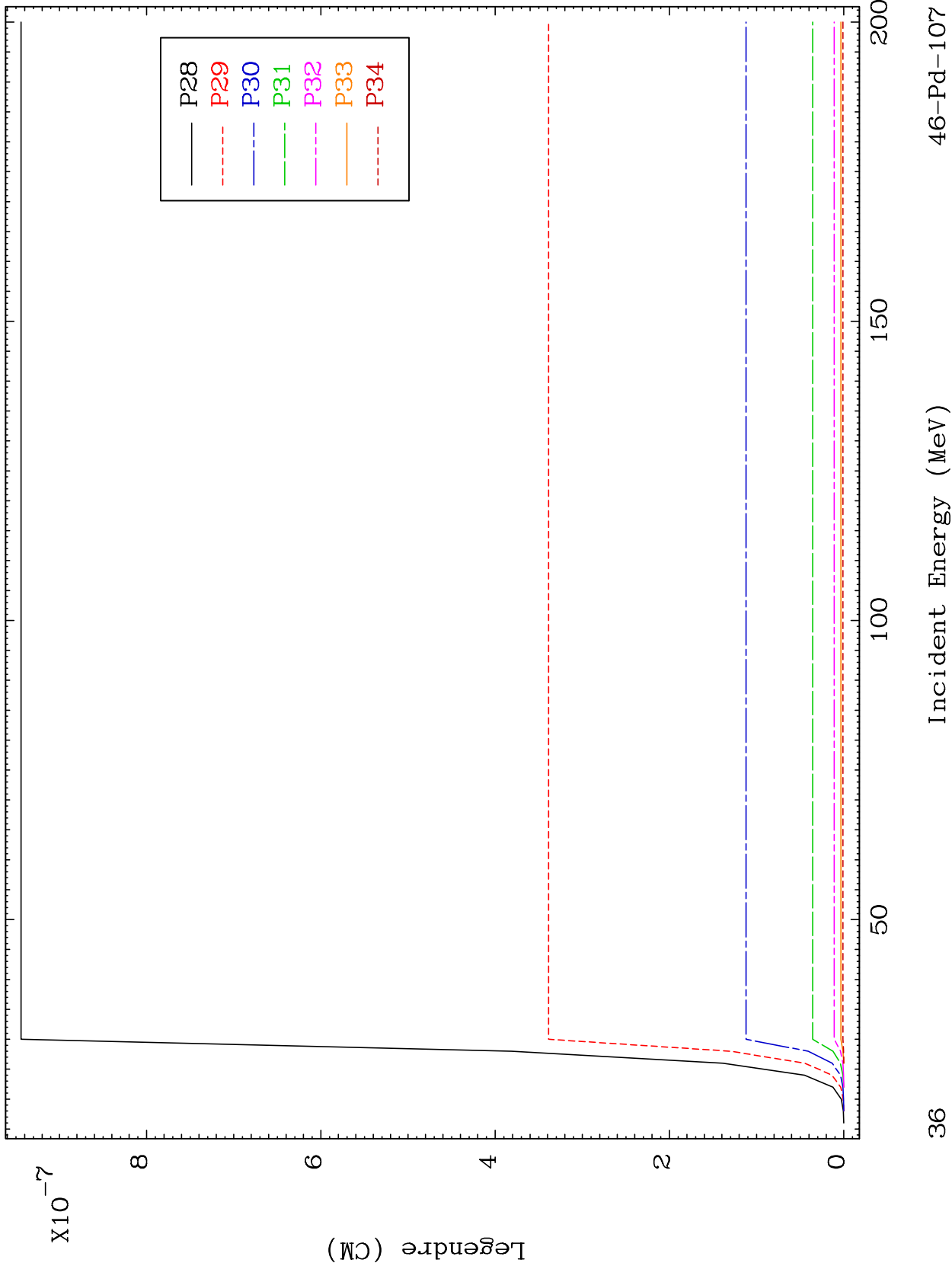
100

50

MAT 4640

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

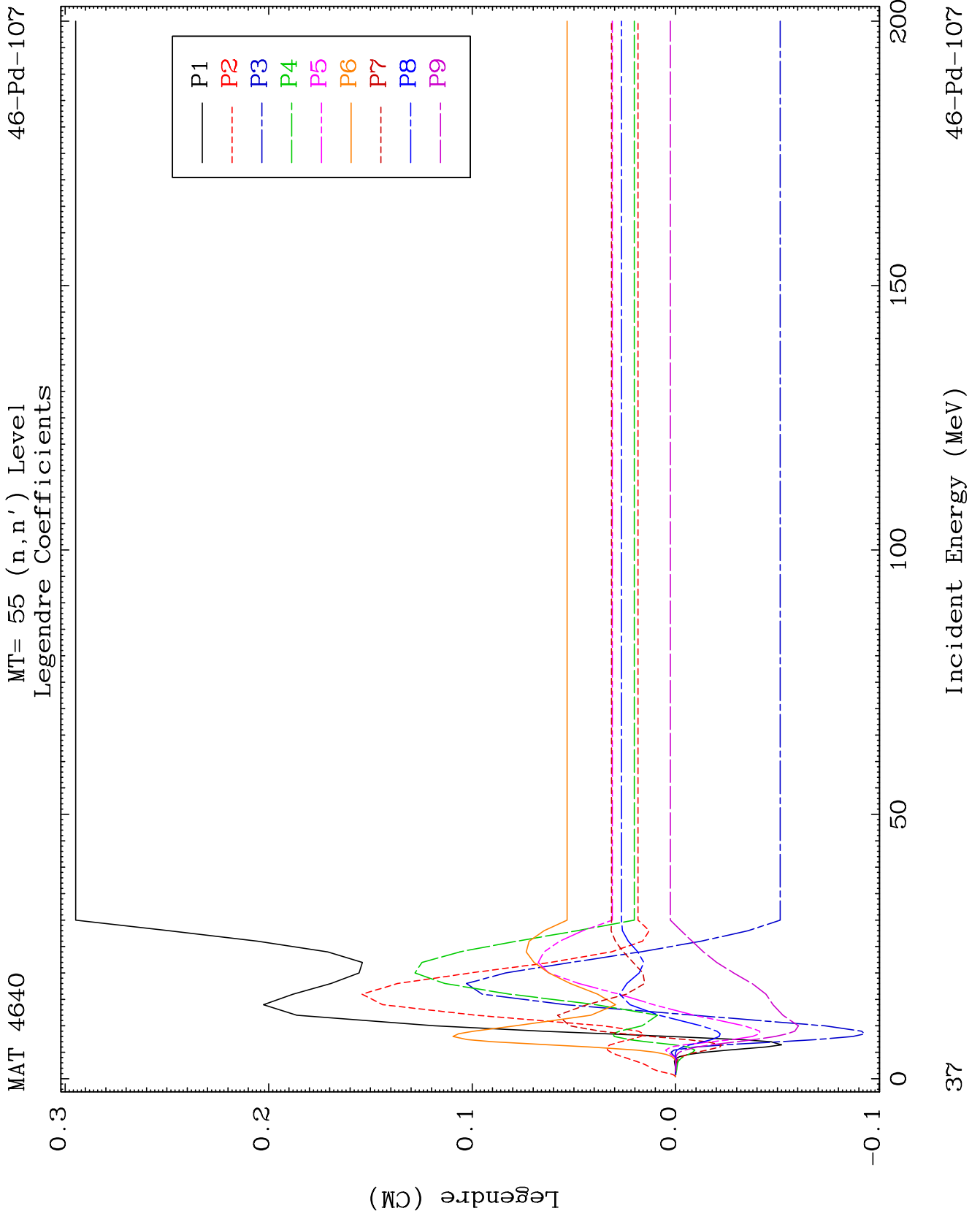
46-Pd-107



36

Incident Energy (MeV)

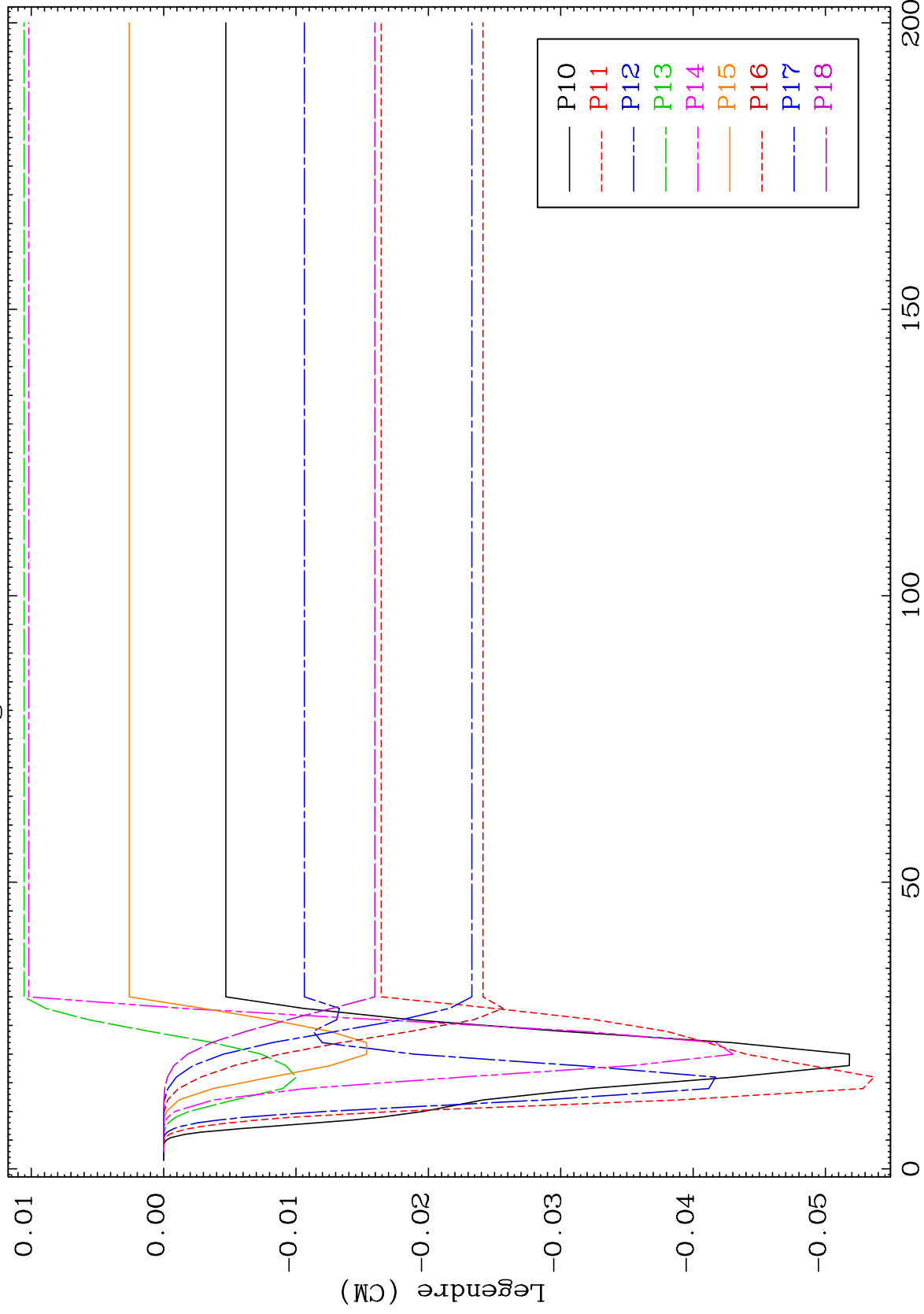
46-Pd-107



MAT 4640

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

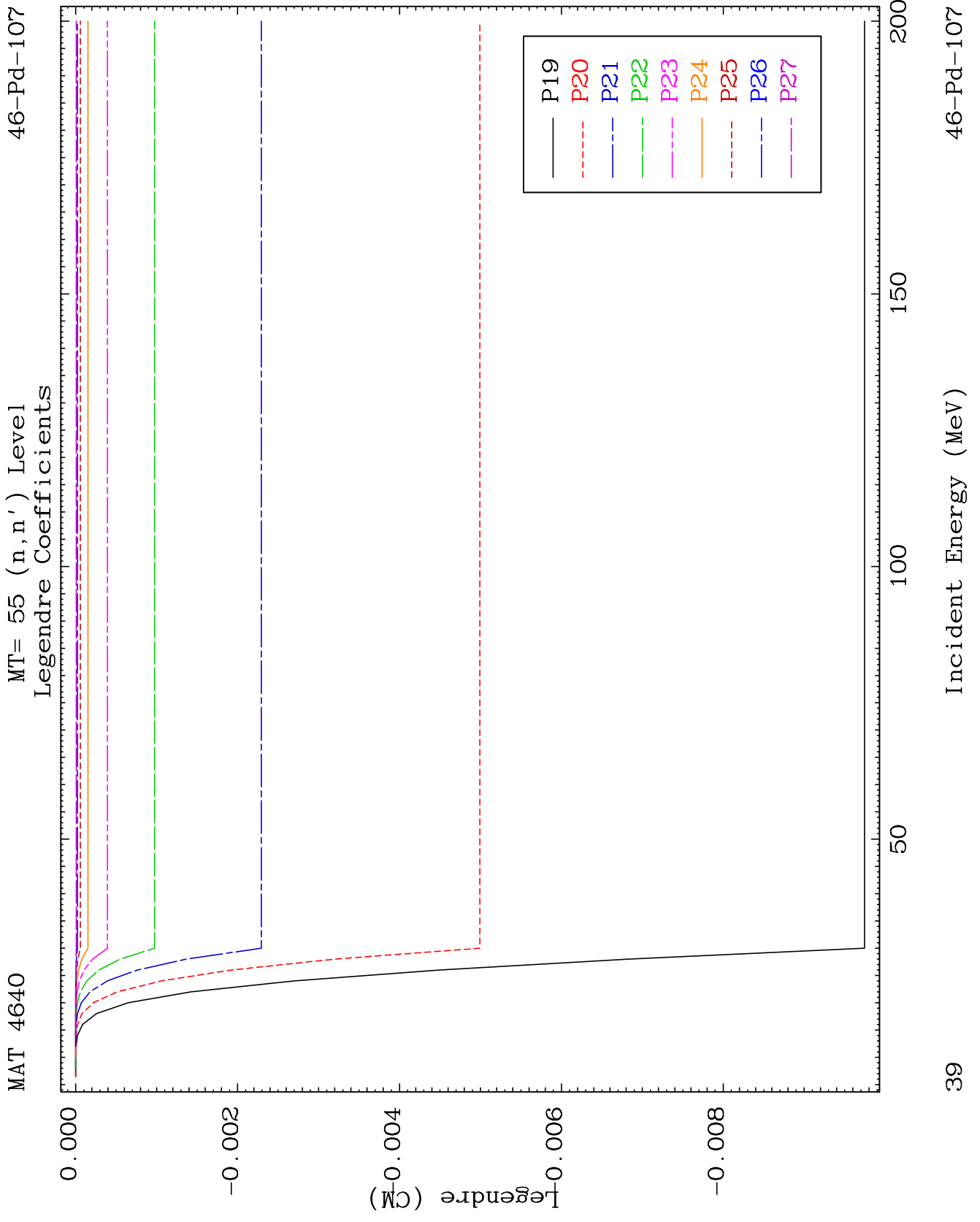
46-Pd-107



38

Incident Energy (MeV)

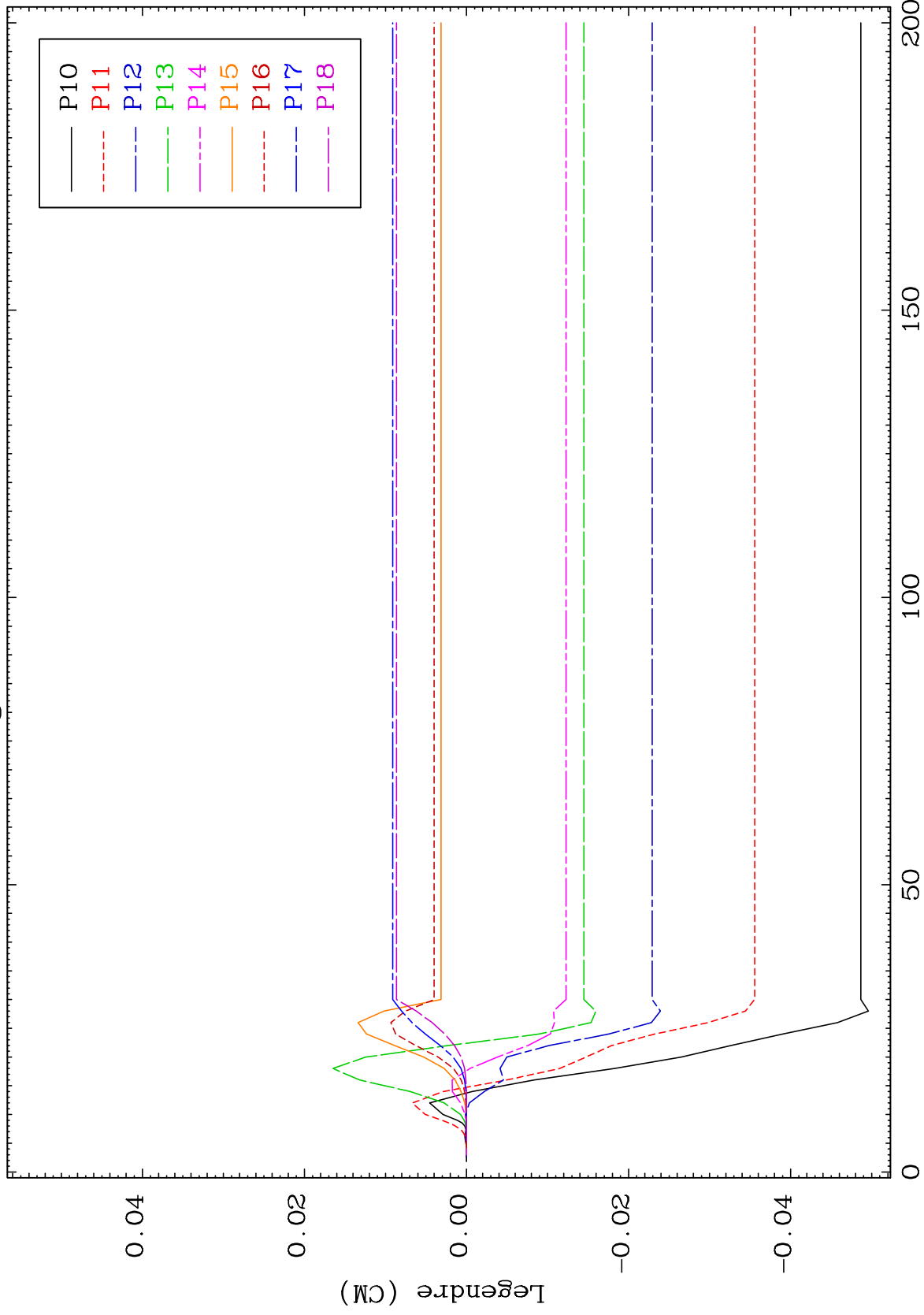
46-Pd-107



MAT 4640

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

46-Pd-107



42

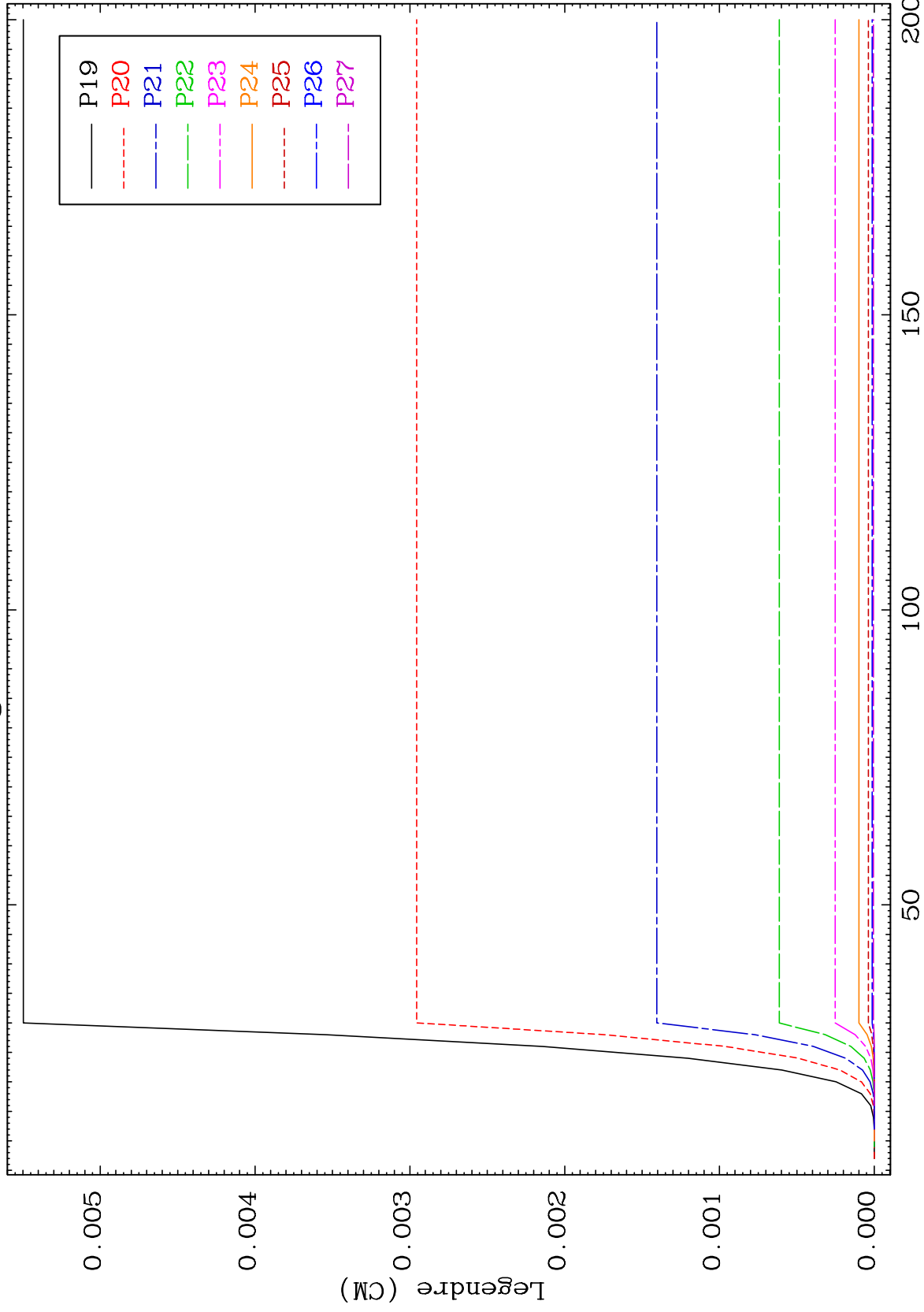
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

46-Pd-107



43

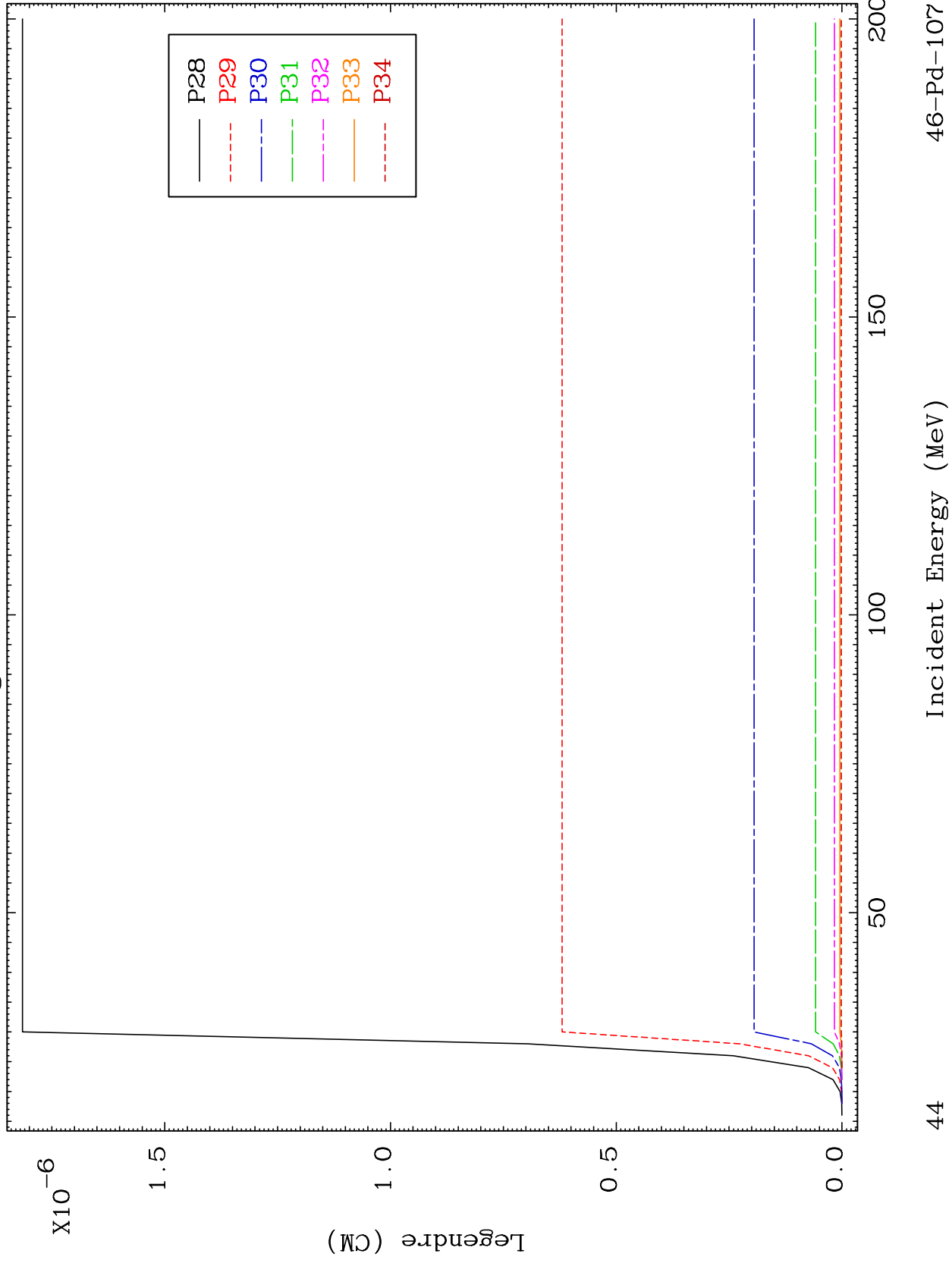
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

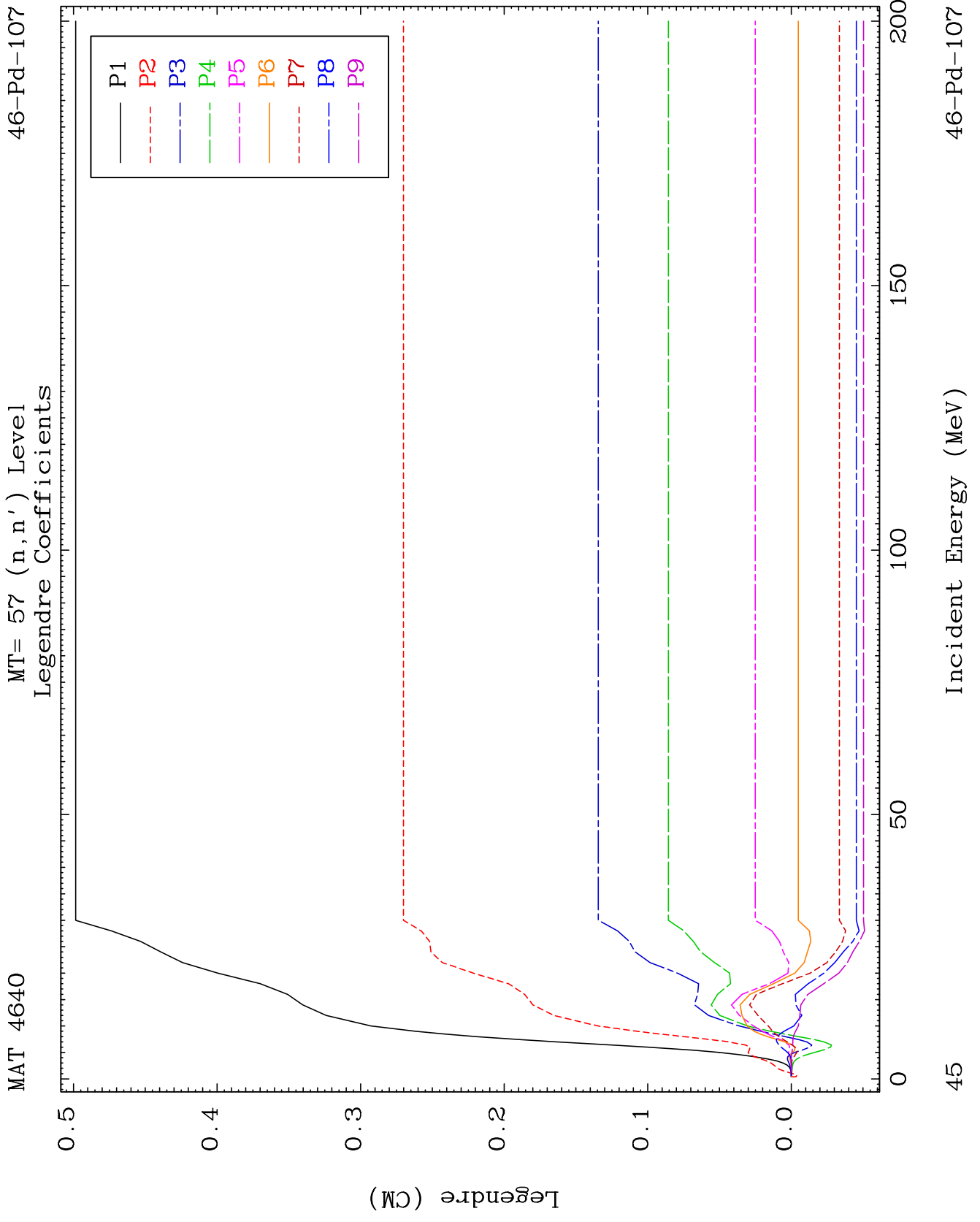
46-Pd-107



44

Incident Energy (MeV)

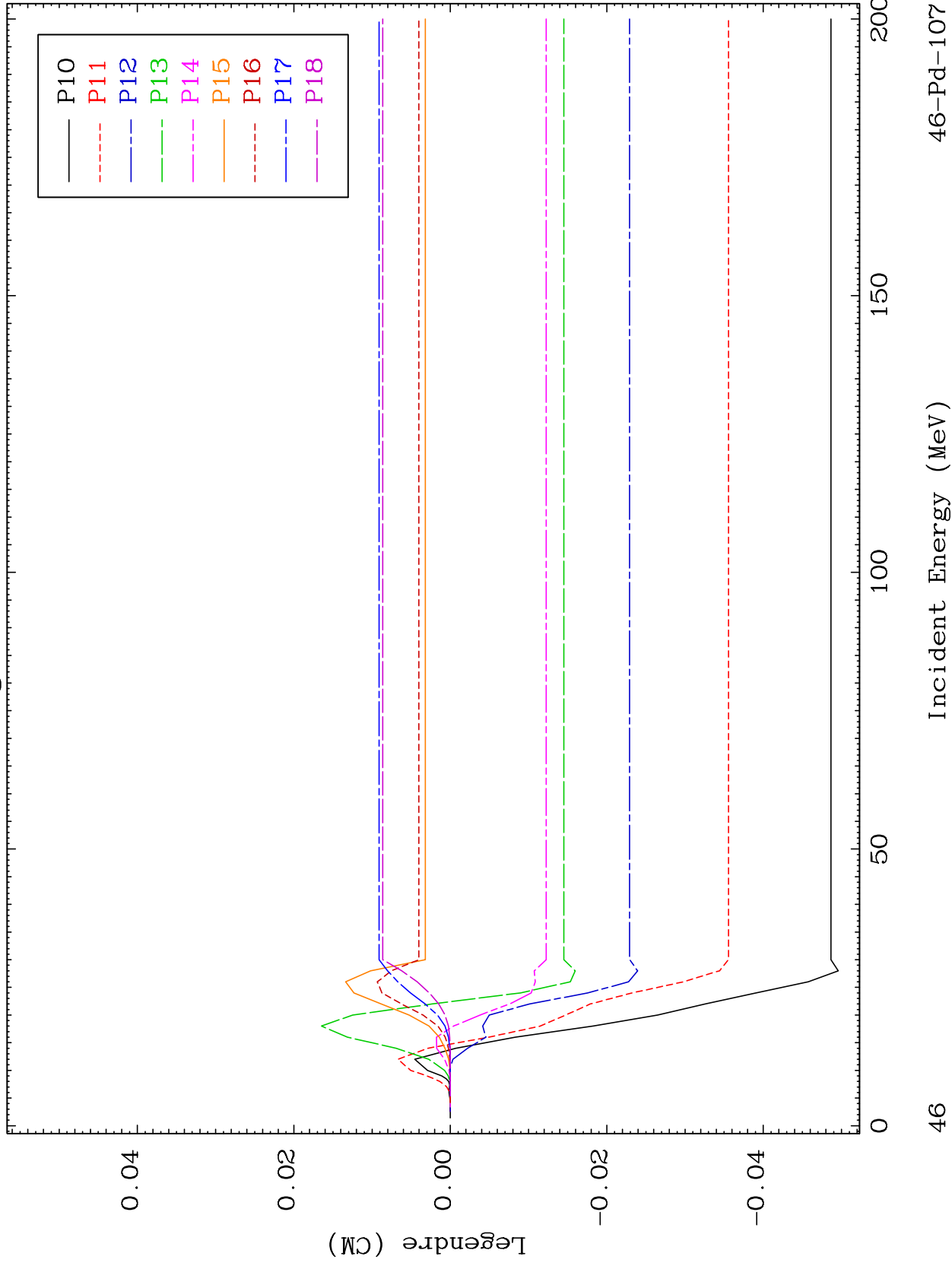
46-Pd-107



MAT 4640

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

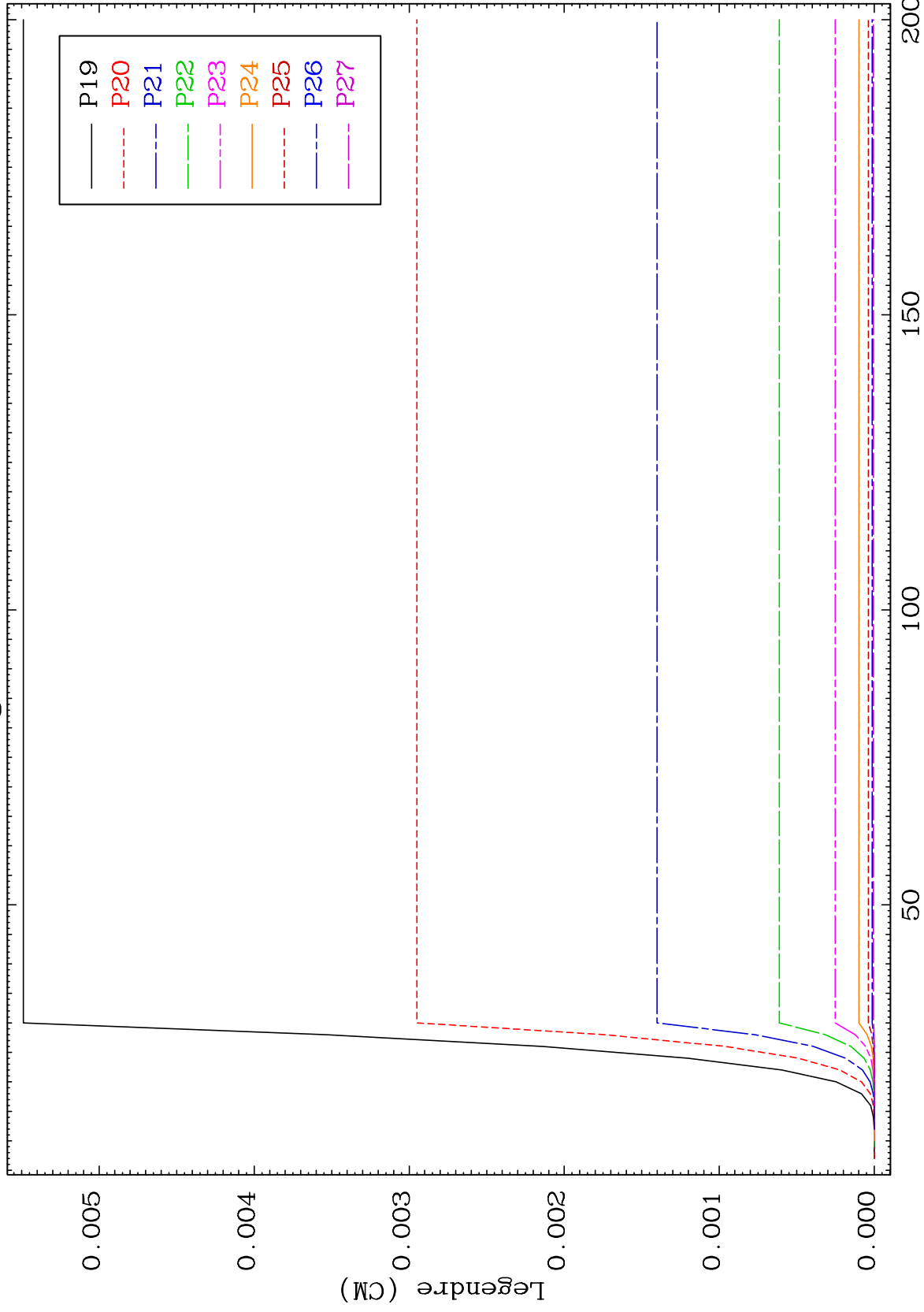
46-Pd-107



MAT 4640

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

46-Pd-107



47

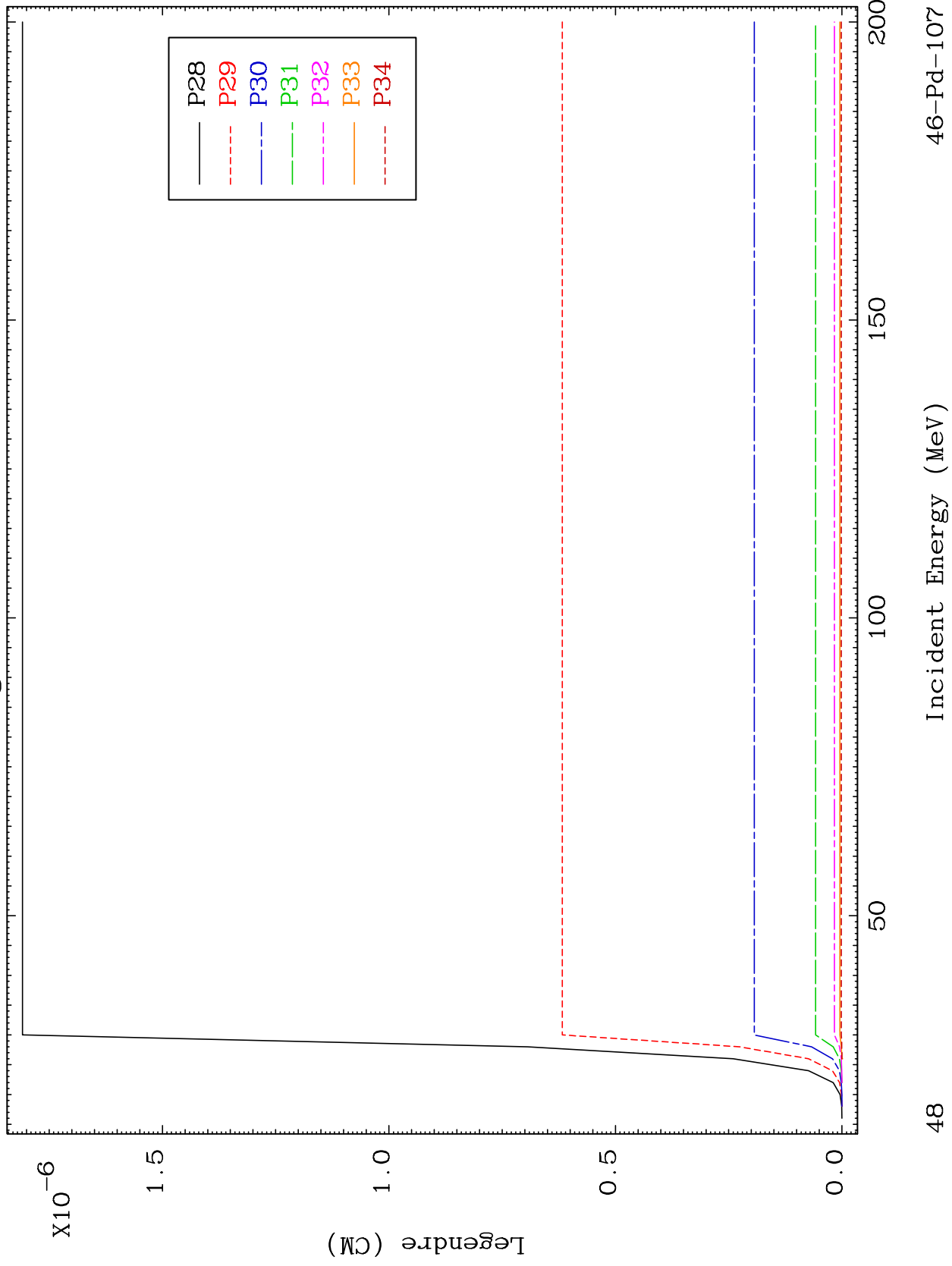
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

46-Pd-107



48

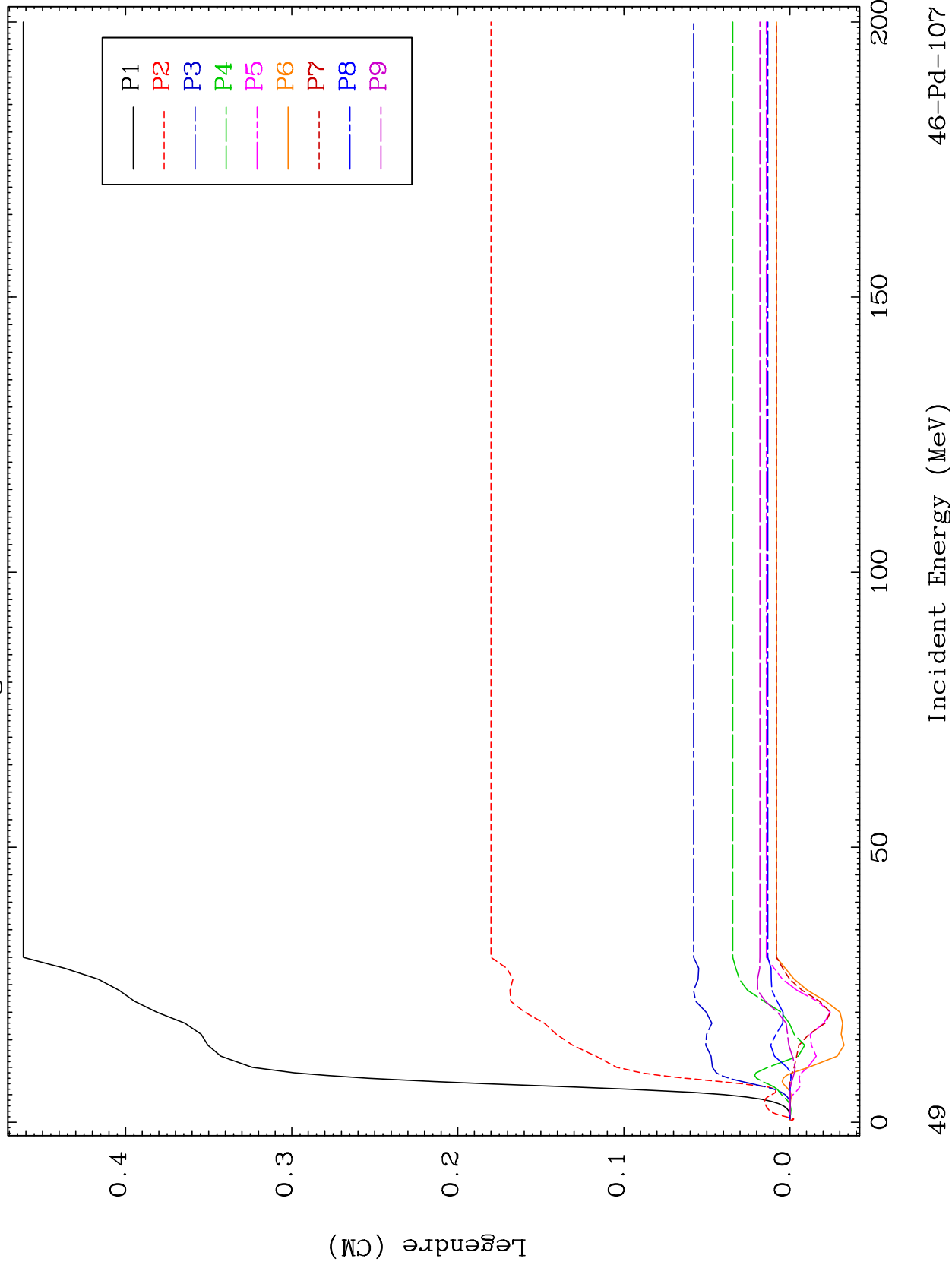
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

46-Pd-107



46-Pd-107

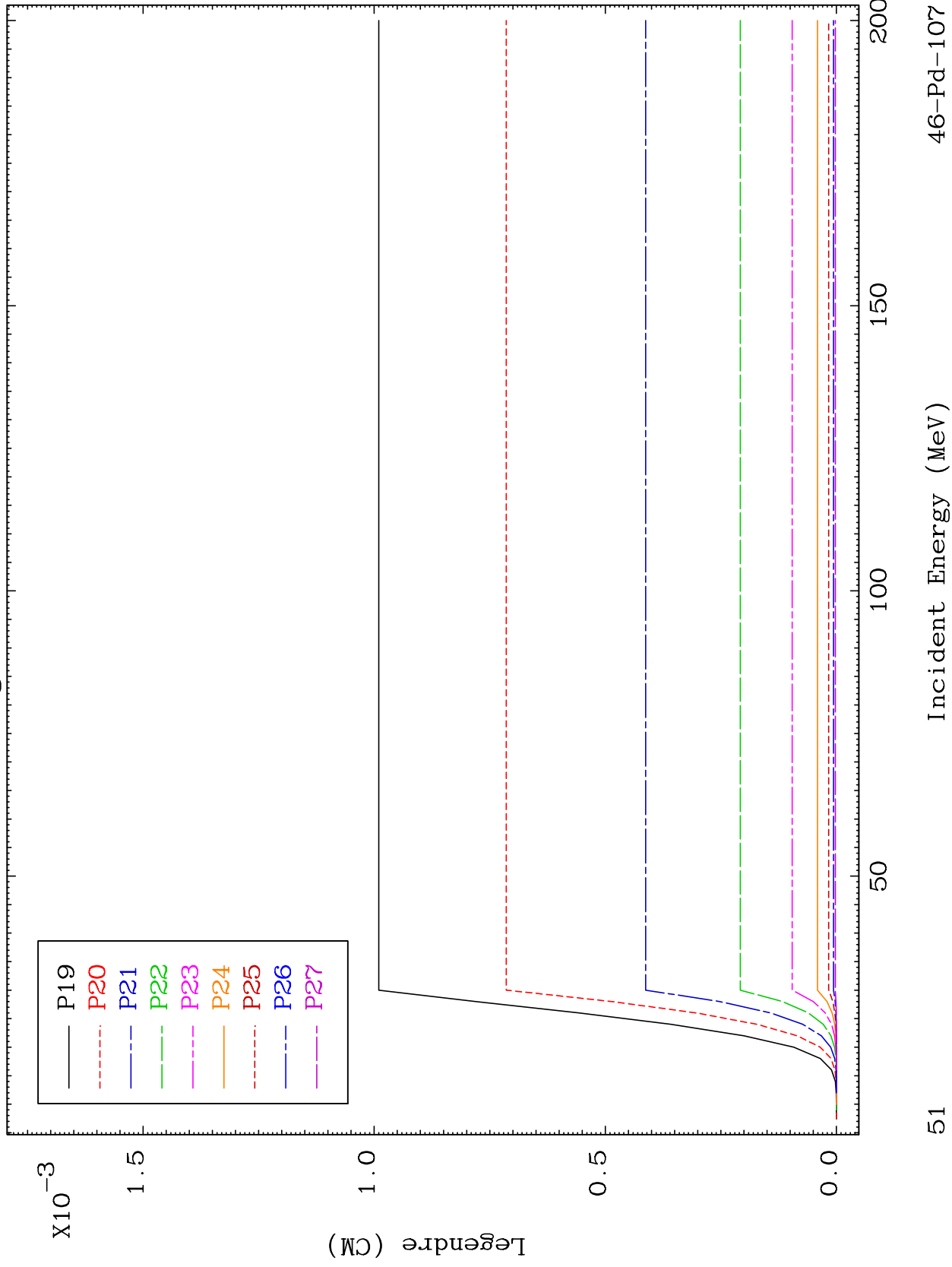
Incident Energy (MeV)

49

MAT 4640

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

46-Pd-107



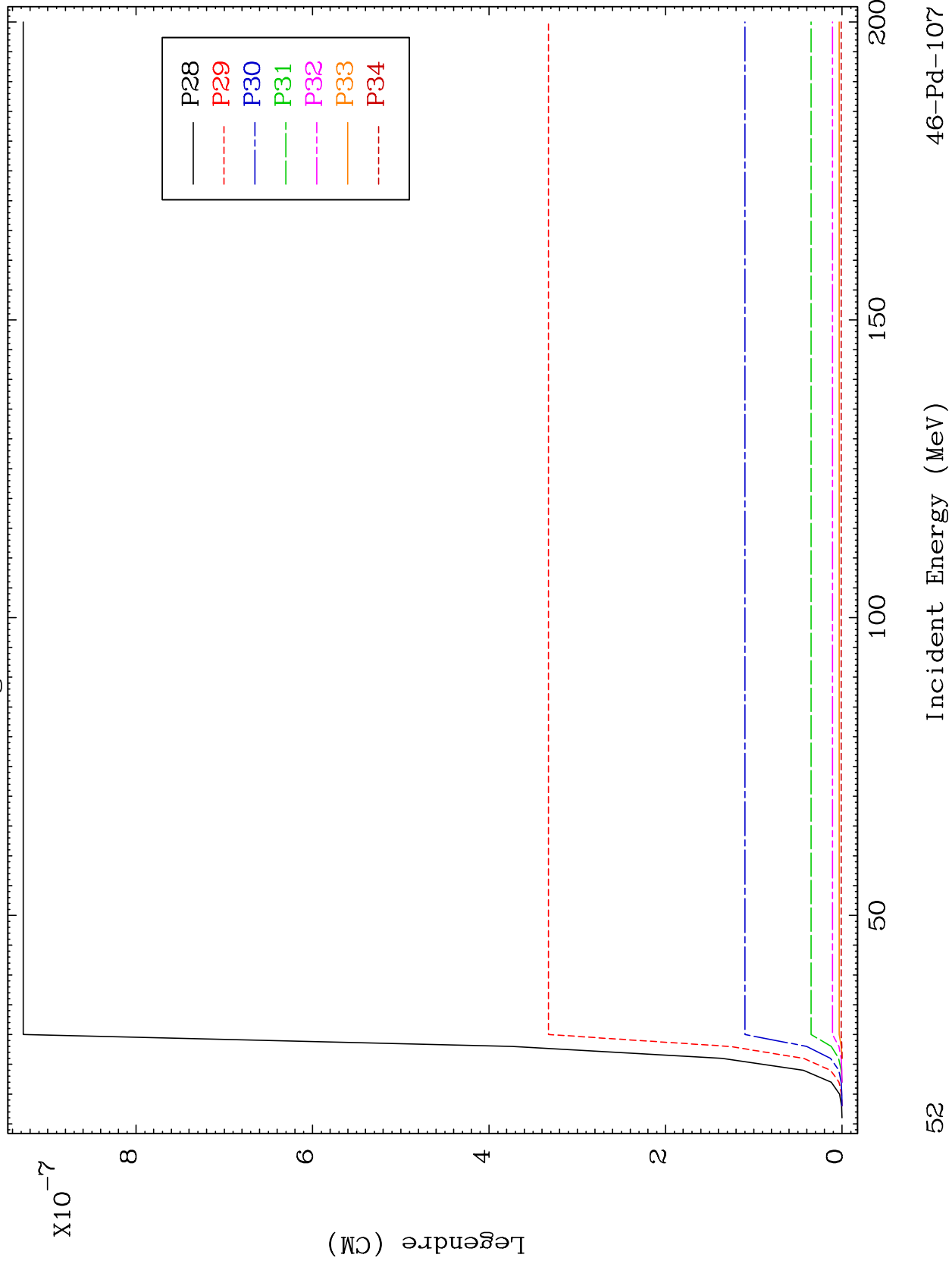
51

46-Pd-107

MAT 4640

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

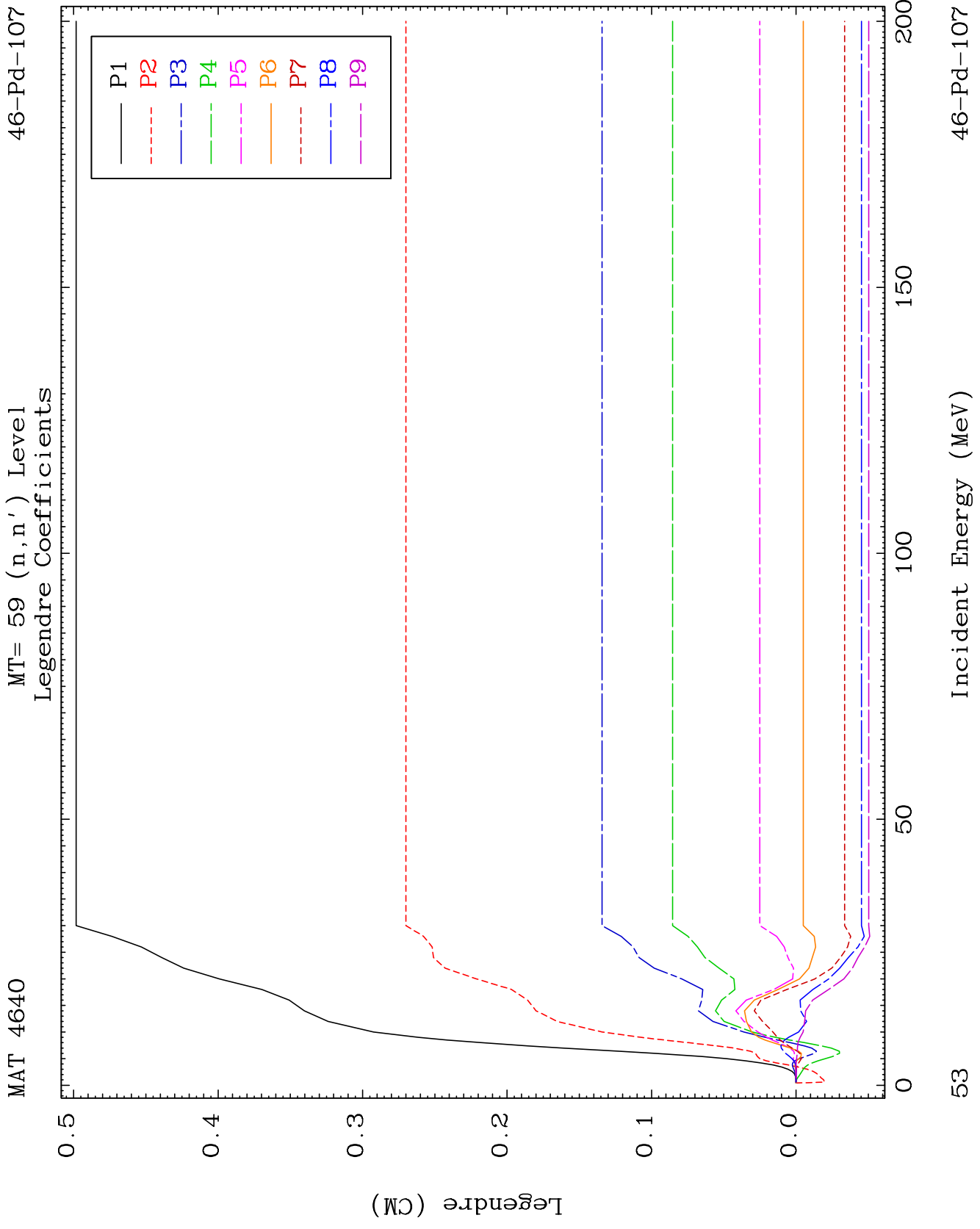
46-Pd-107



52

Incident Energy (MeV)

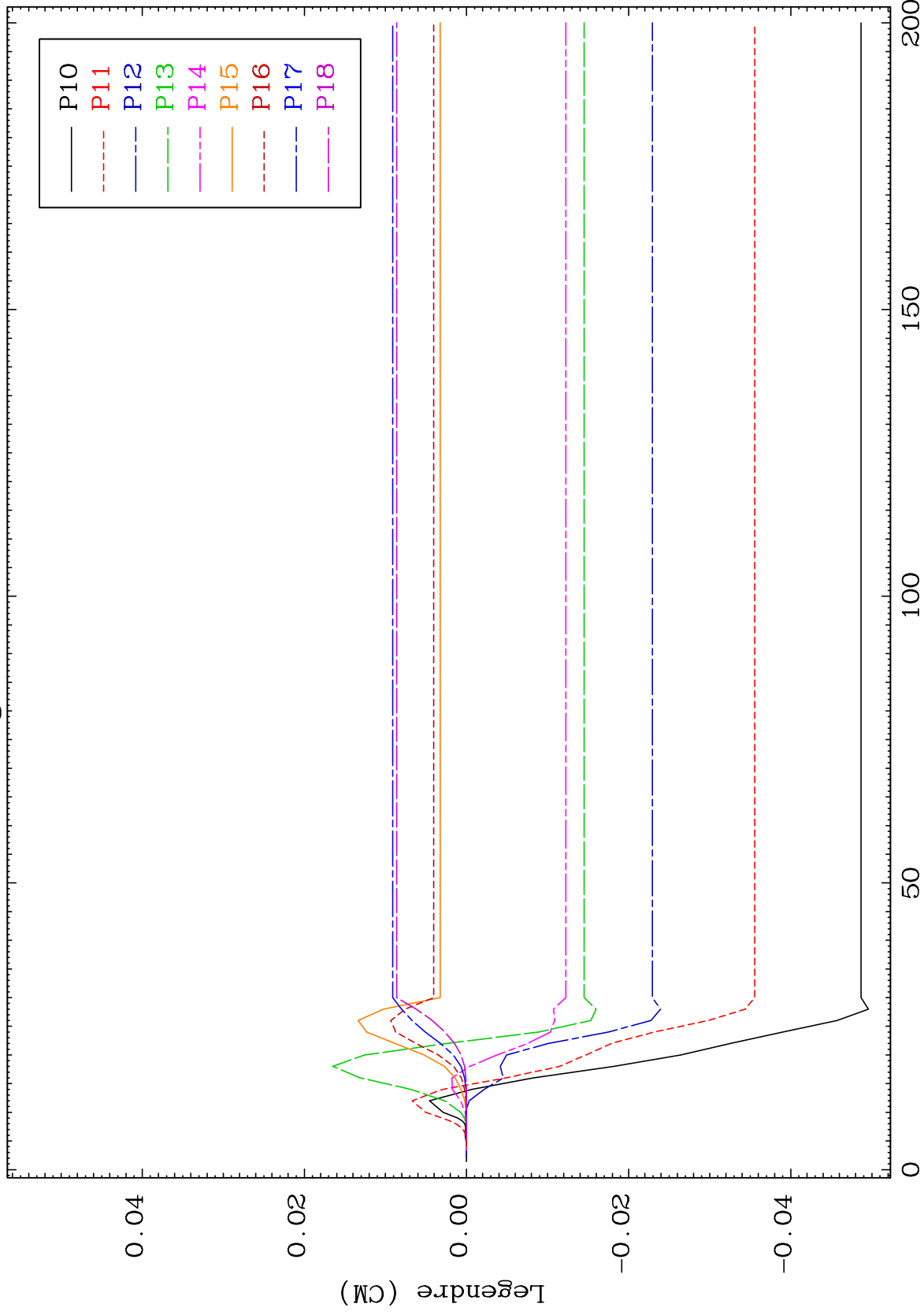
46-Pd-107



MAT 4640

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

46-Pd-107



54

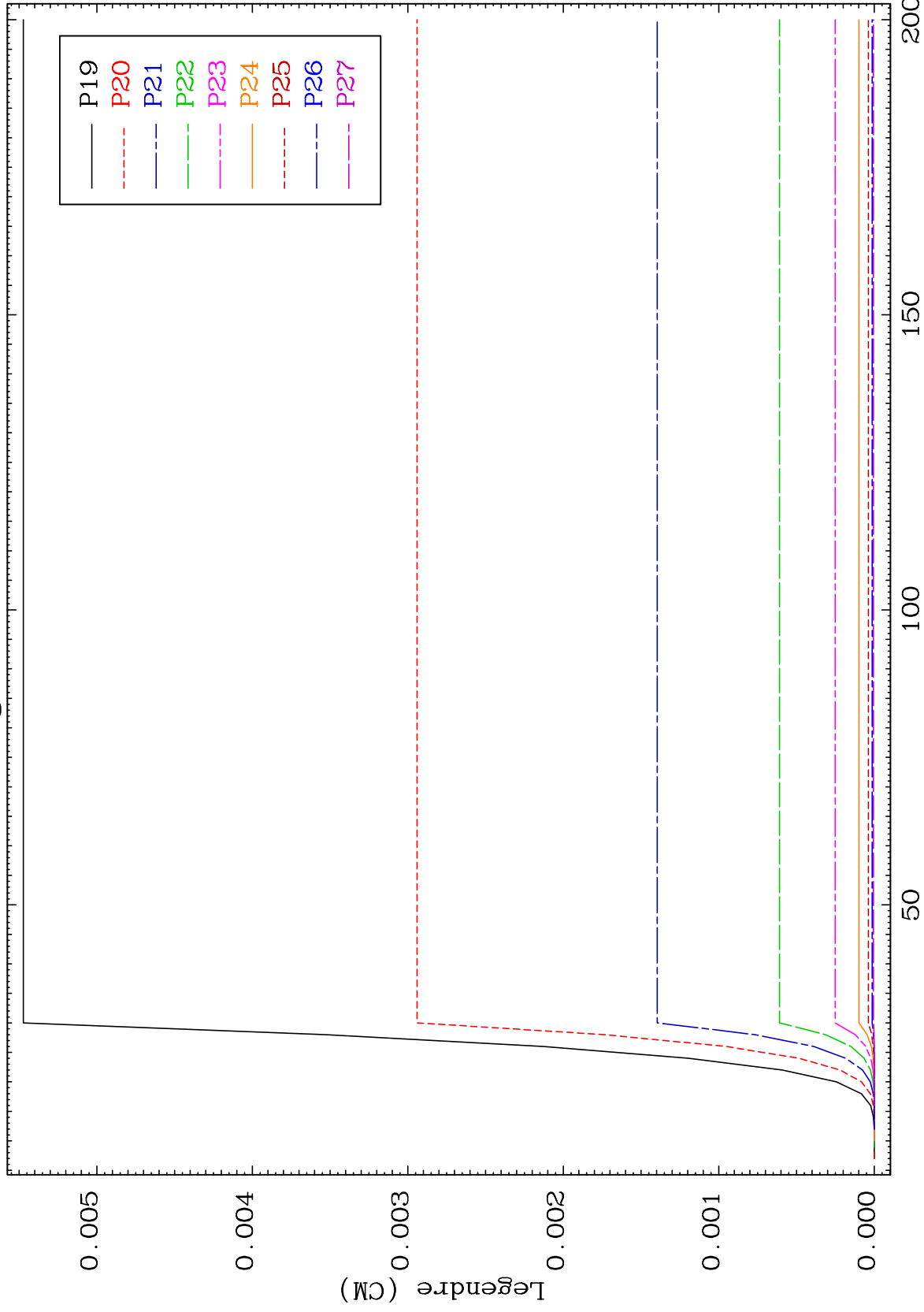
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

46-Pd-107



55

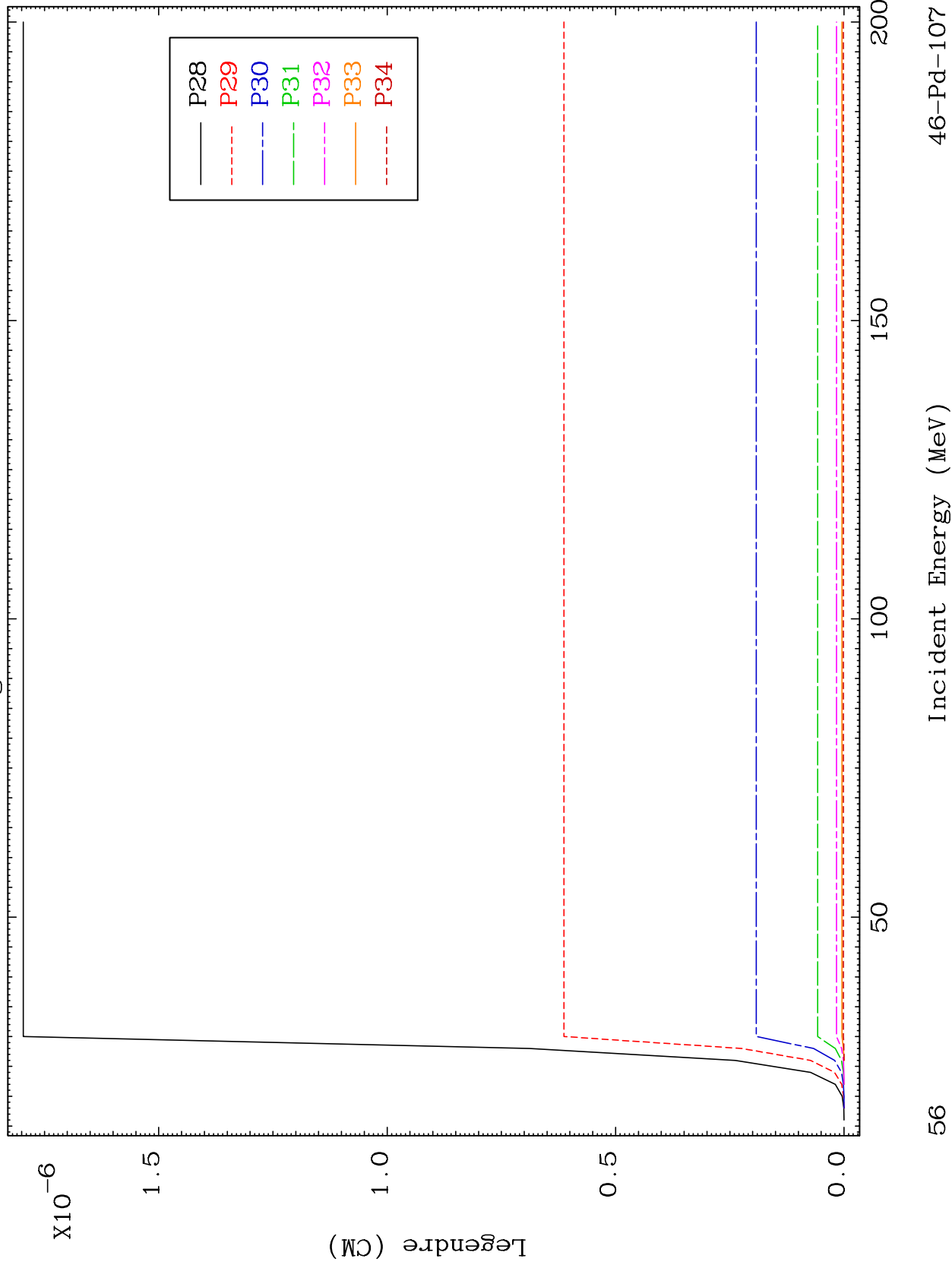
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

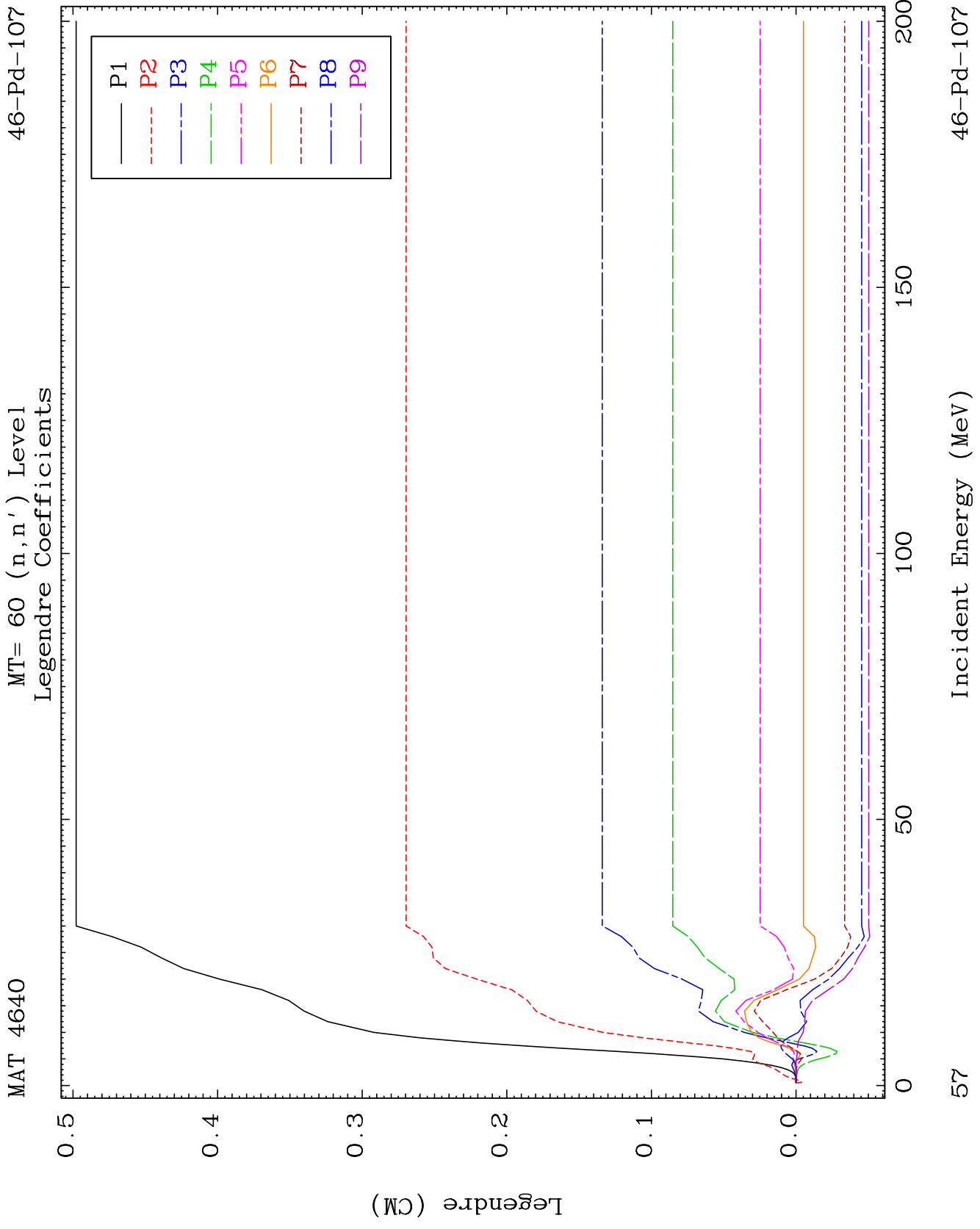
46-Pd-107



56

Incident Energy (MeV)

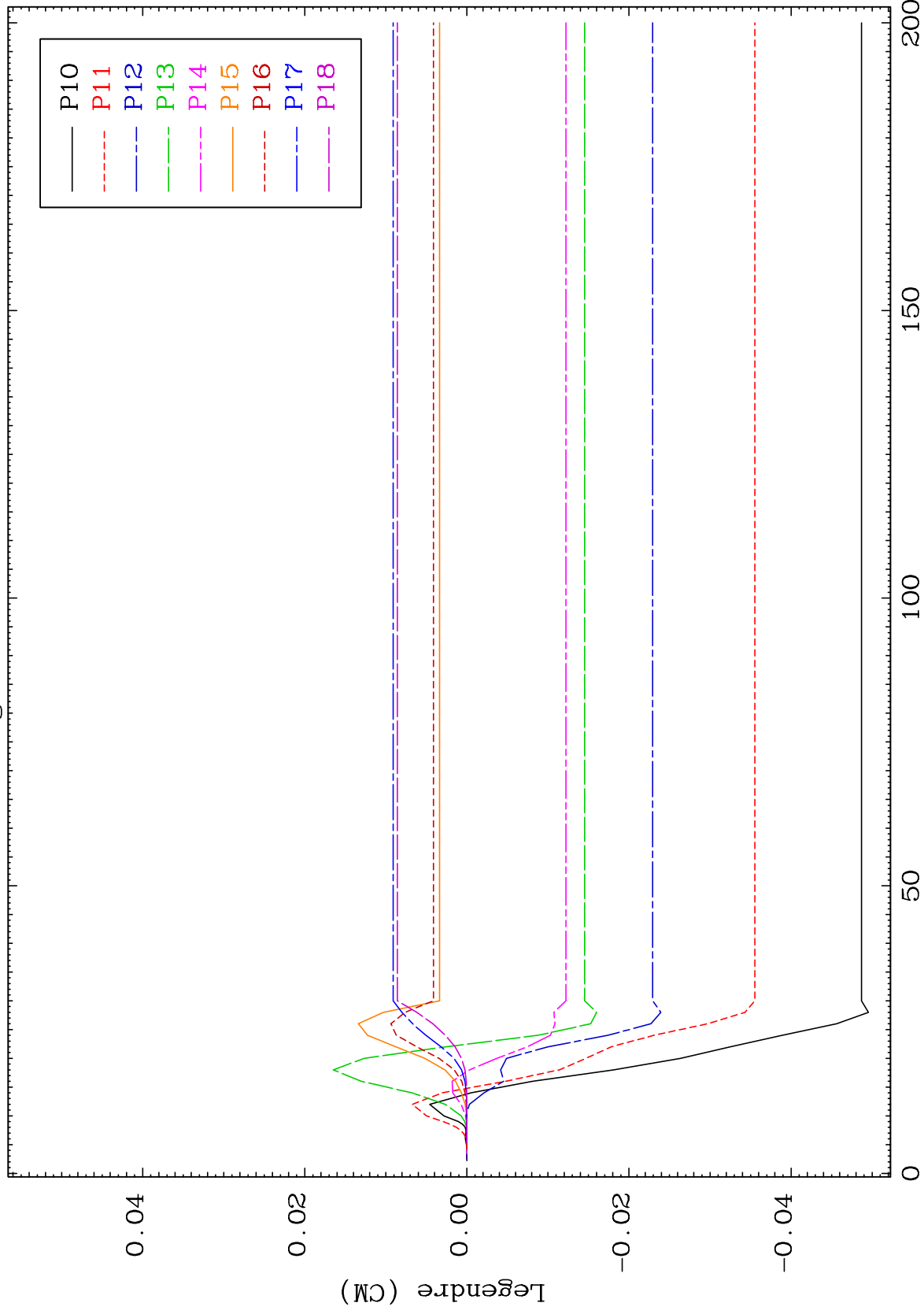
46-Pd-107



MAT 4640

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

46-Pd-107



58

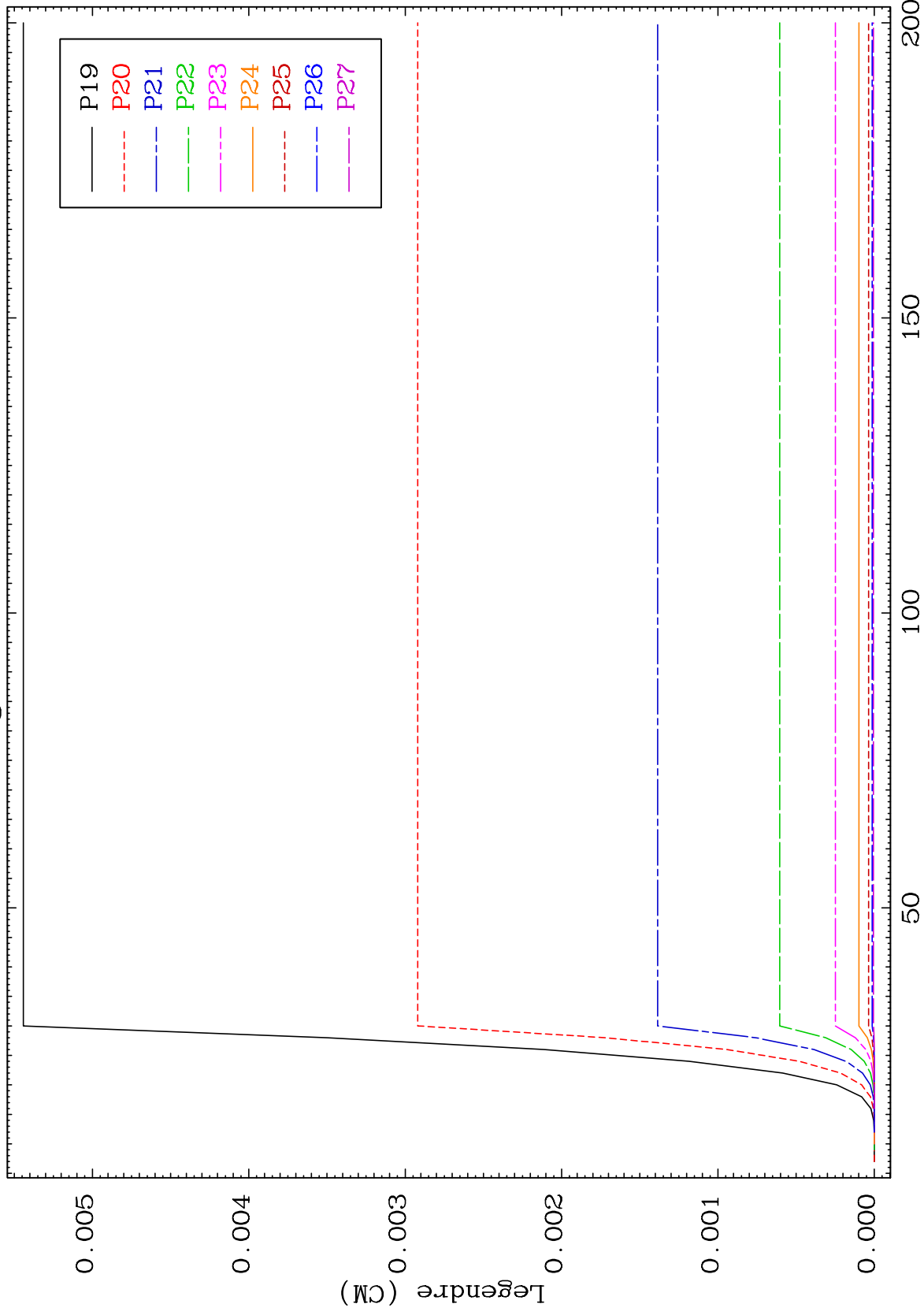
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

46-Pd-107



59

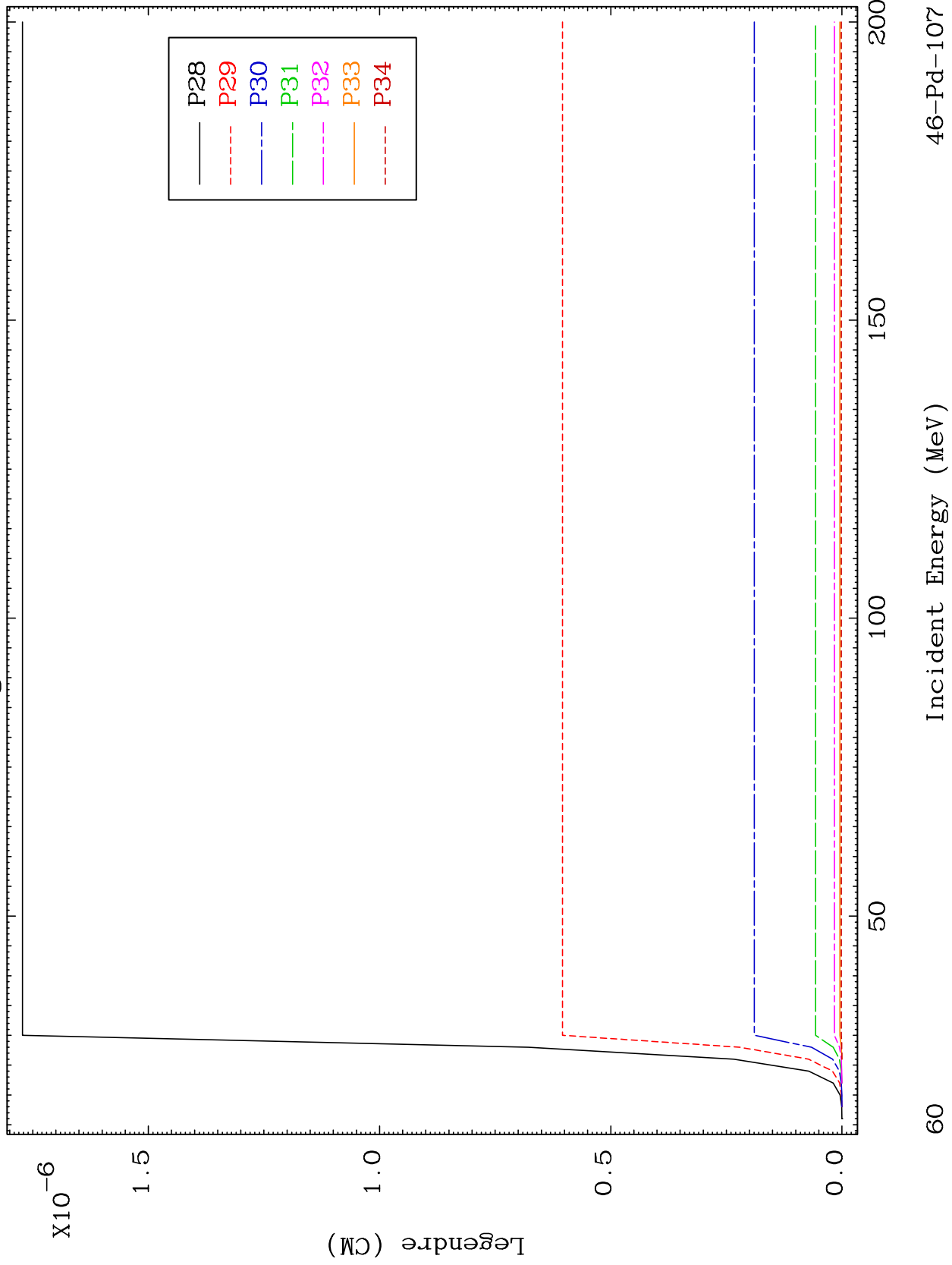
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

46-Pd-107

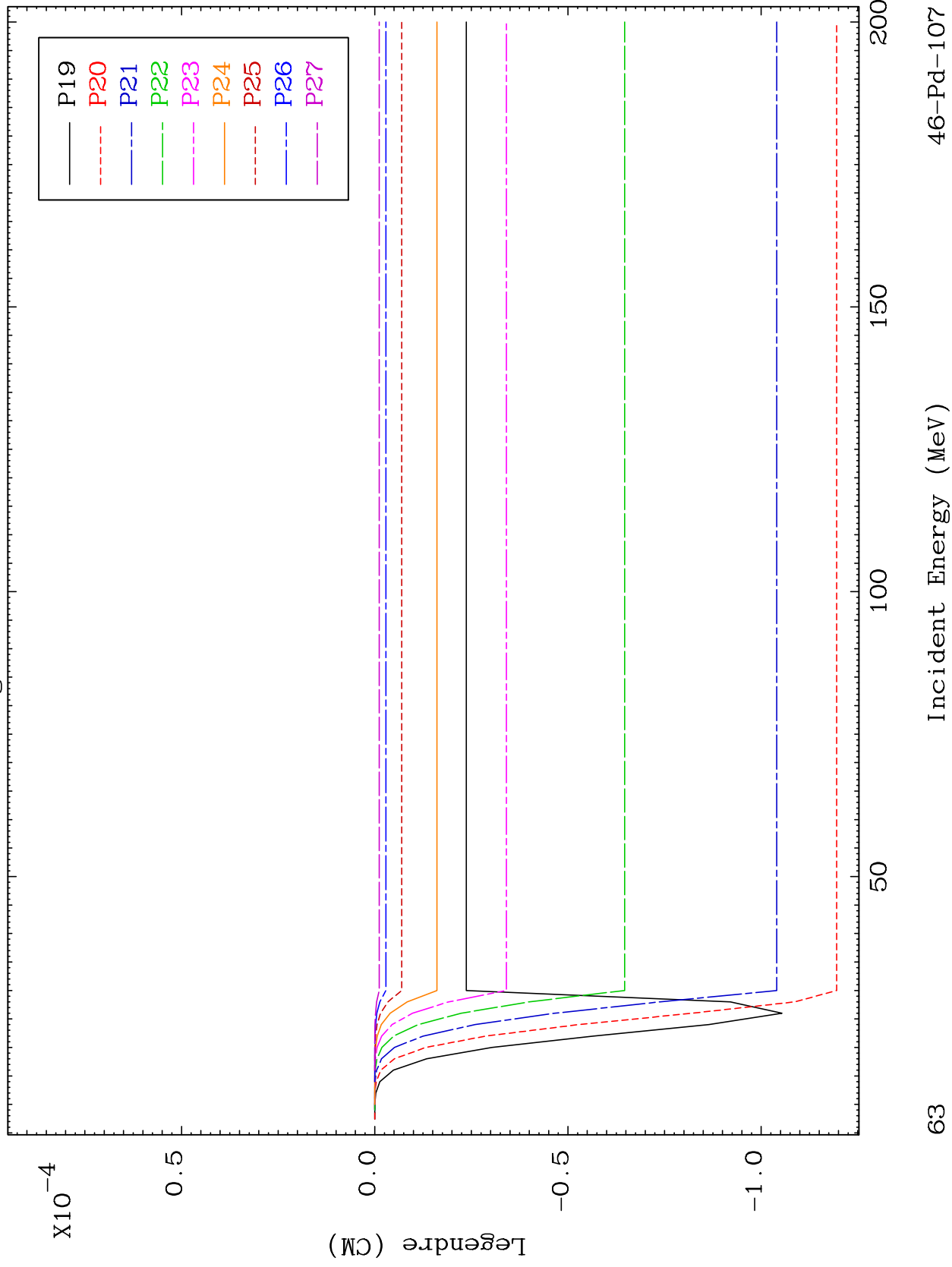


46-Pd-107

MAT 4640

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

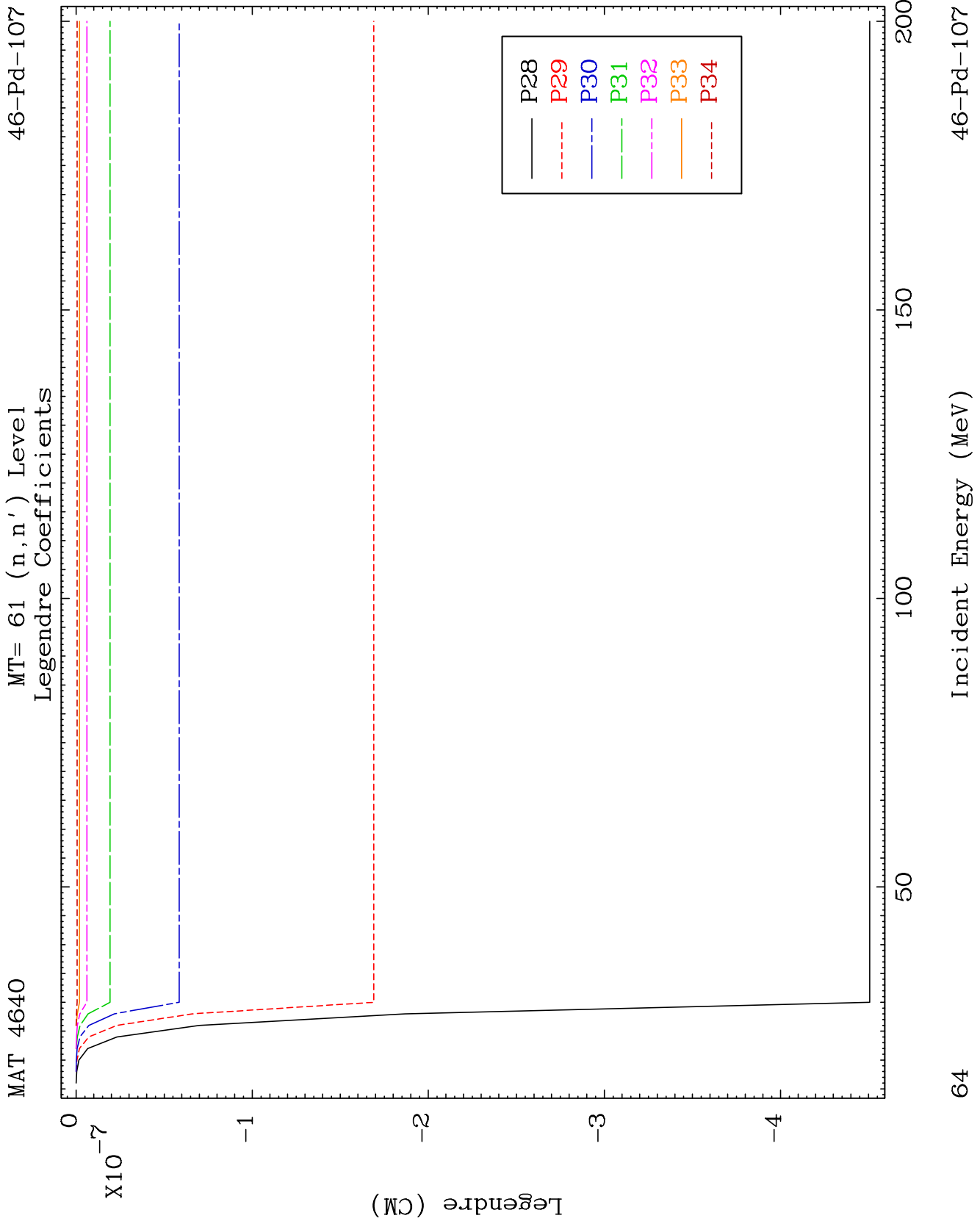
46-Pd-107



63

Incident Energy (MeV)

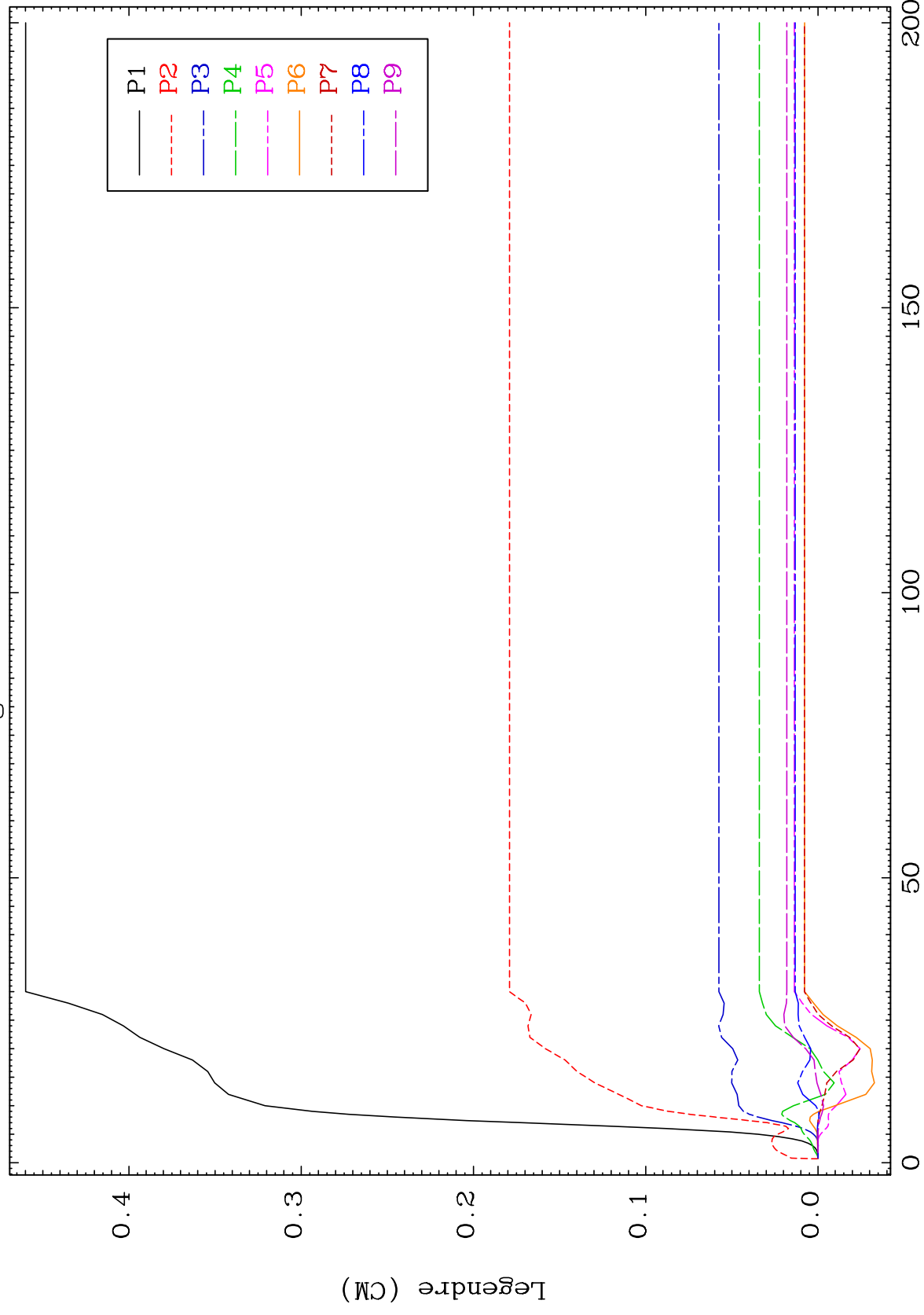
46-Pd-107



MAT 4640

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

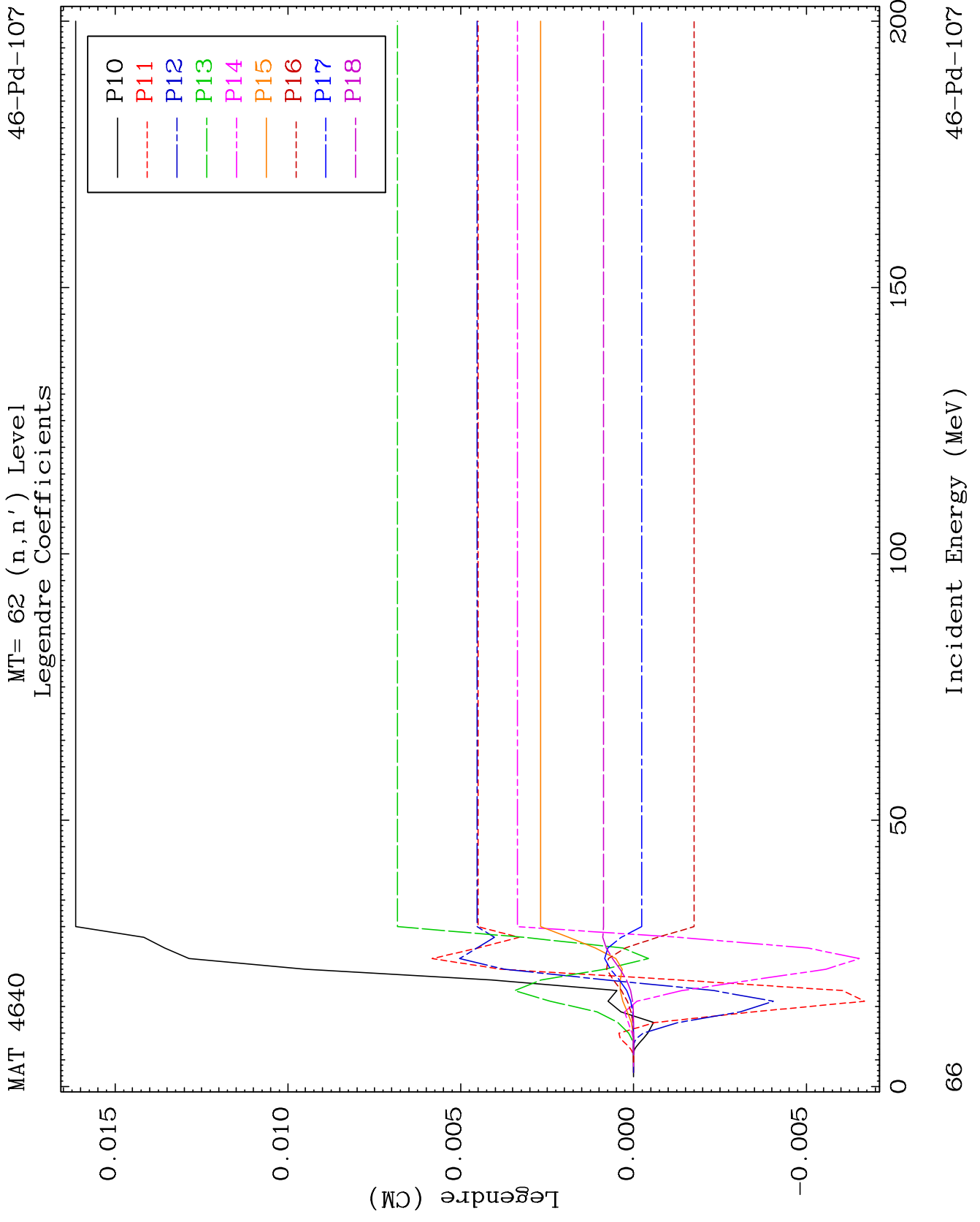
46-Pd-107



65

Incident Energy (MeV)

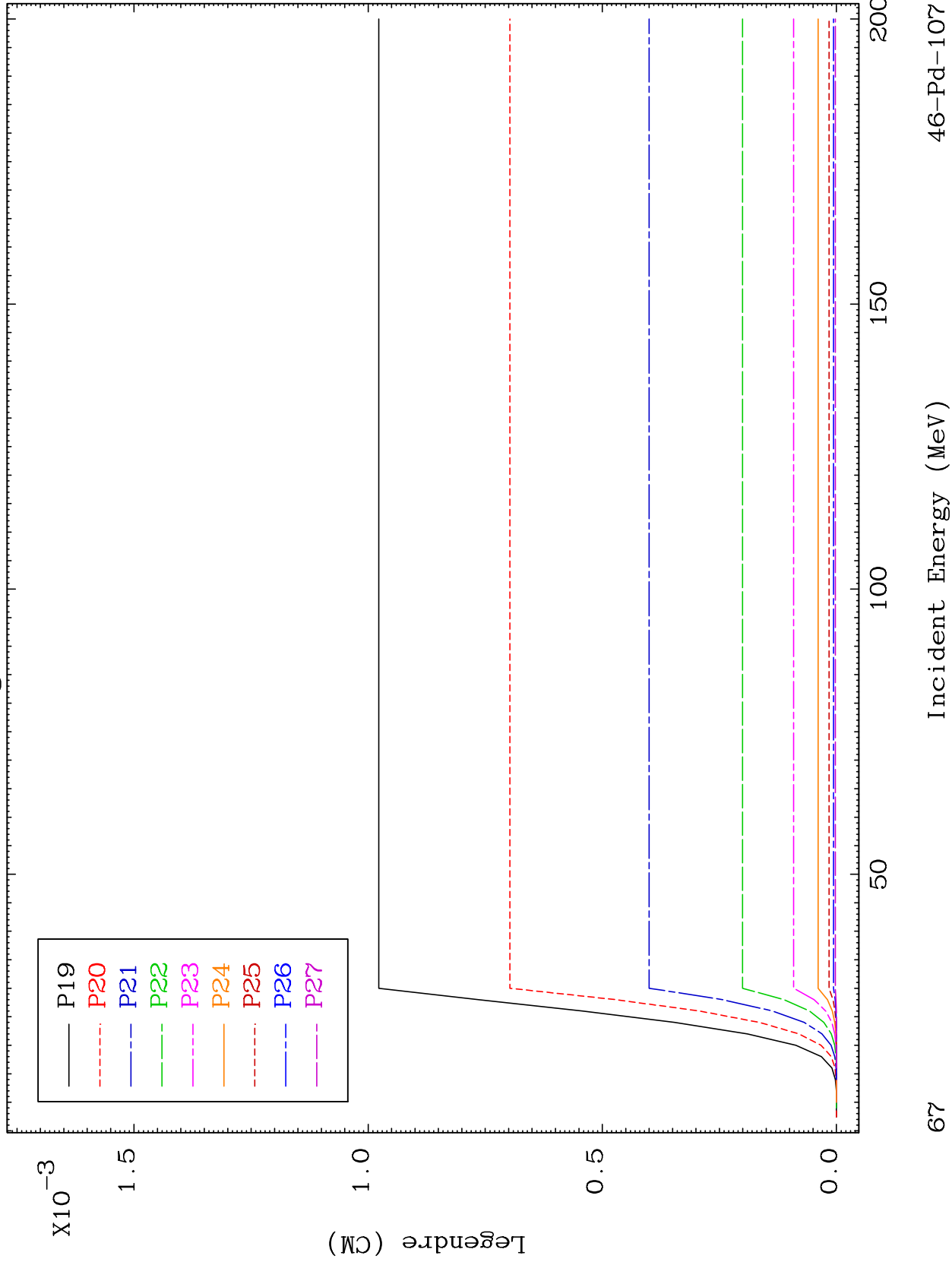
46-Pd-107



MAT 4640

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

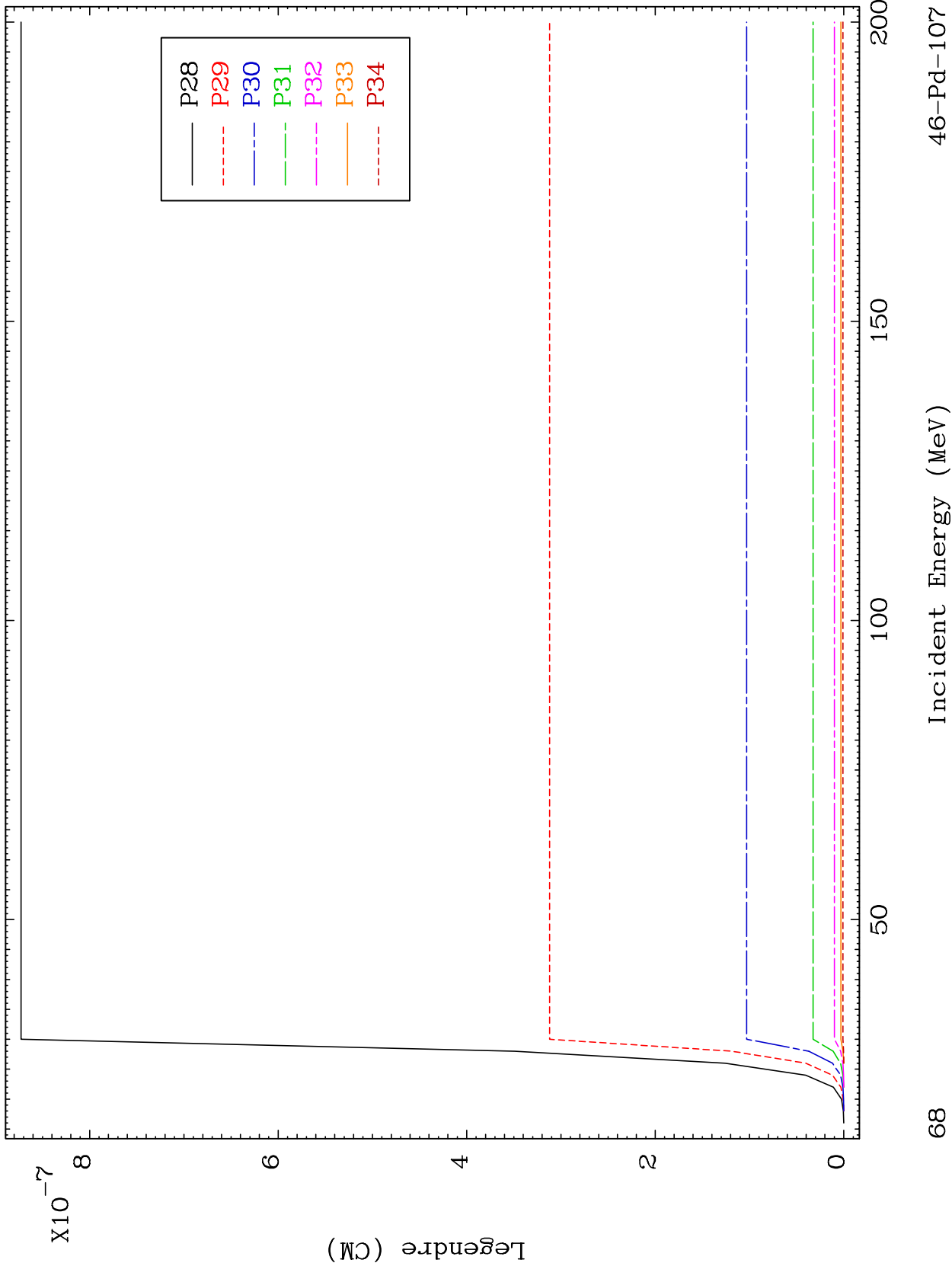
46-Pd-107



MAT 4640

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

46-Pd-107

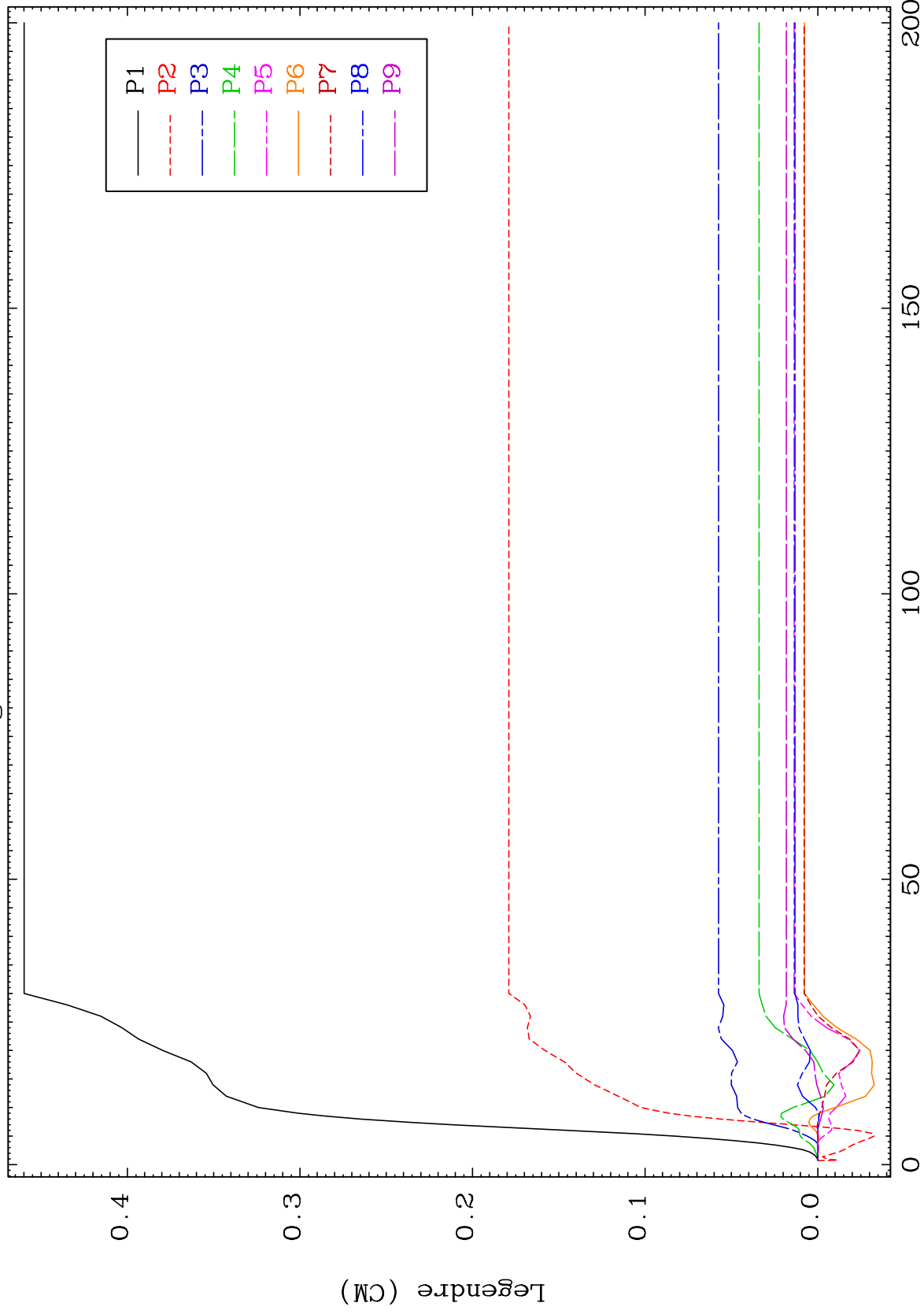


68

MAT 4640

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

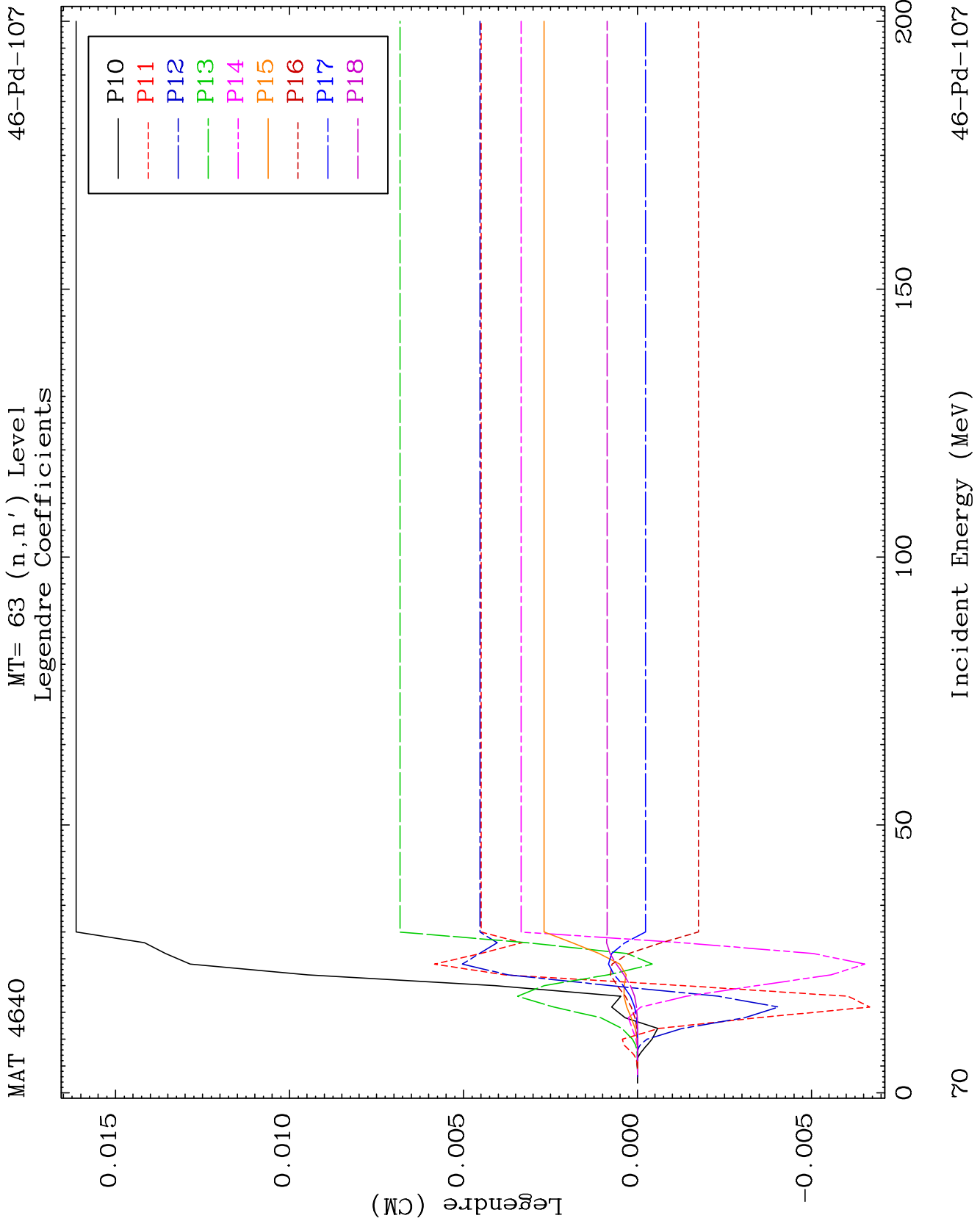
46-Pd-107



69

Incident Energy (MeV)

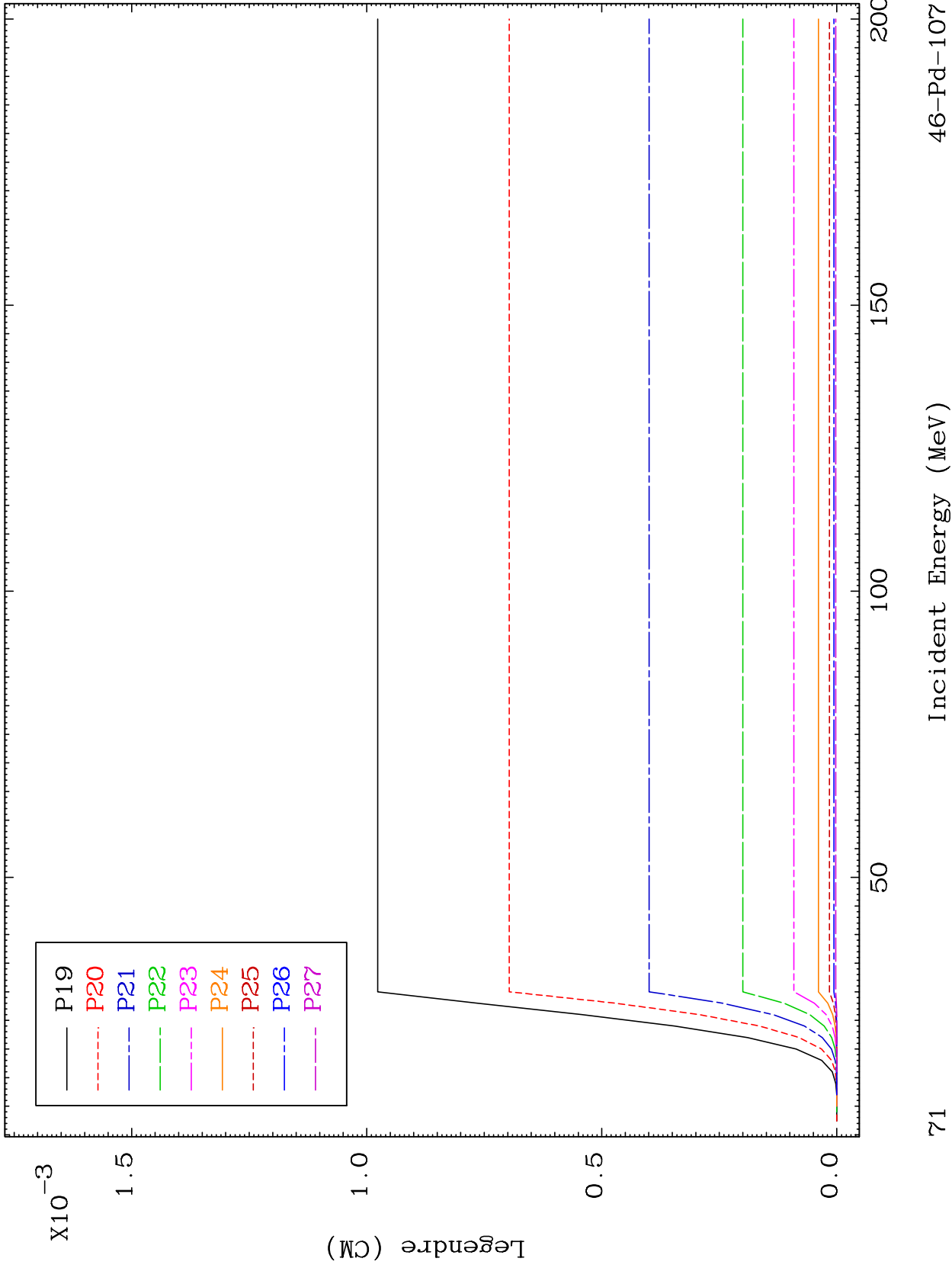
46-Pd-107



MAT 4640

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

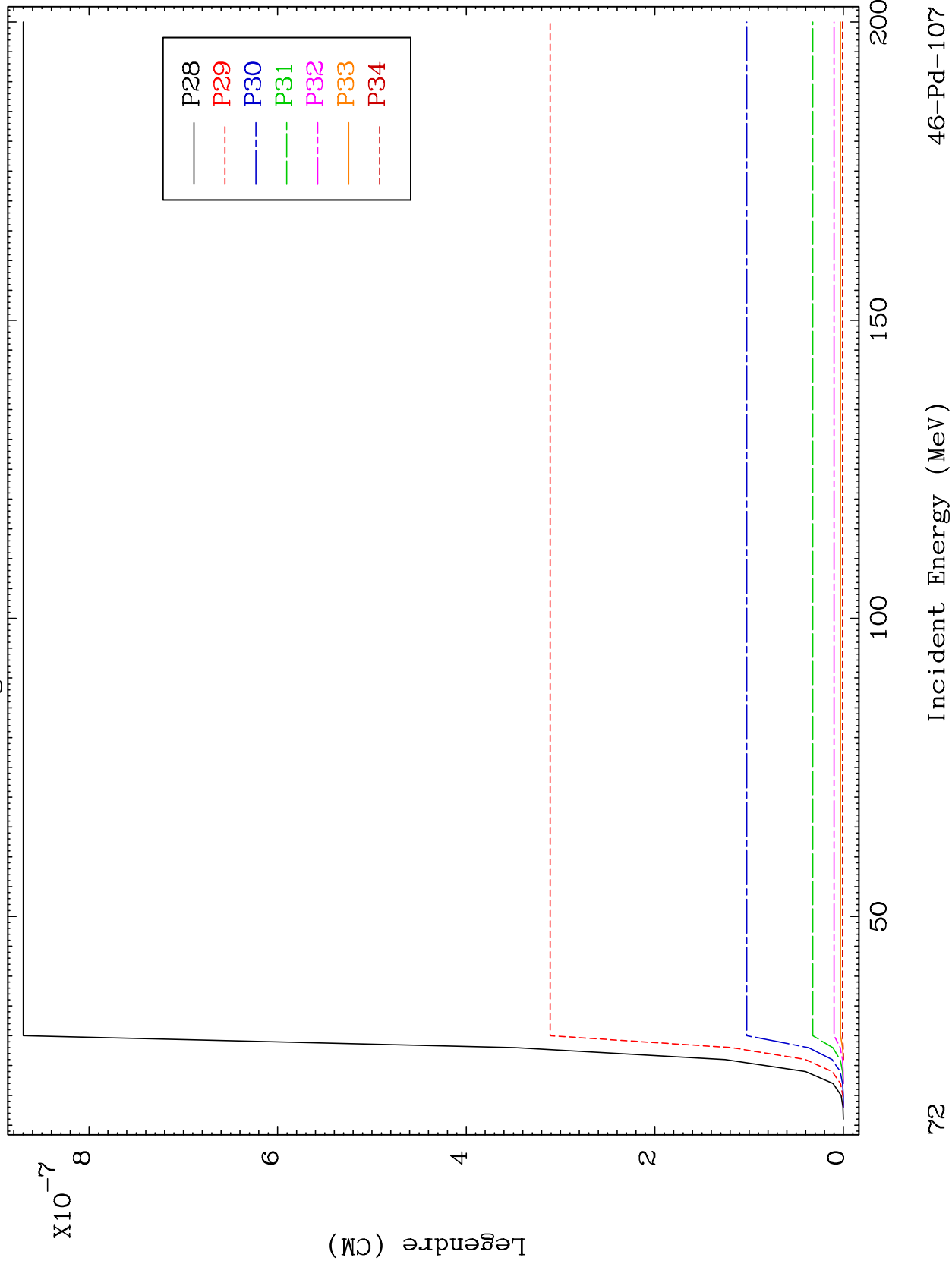
46-Pd-107



MAT 4640

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

46-Pd-107



72

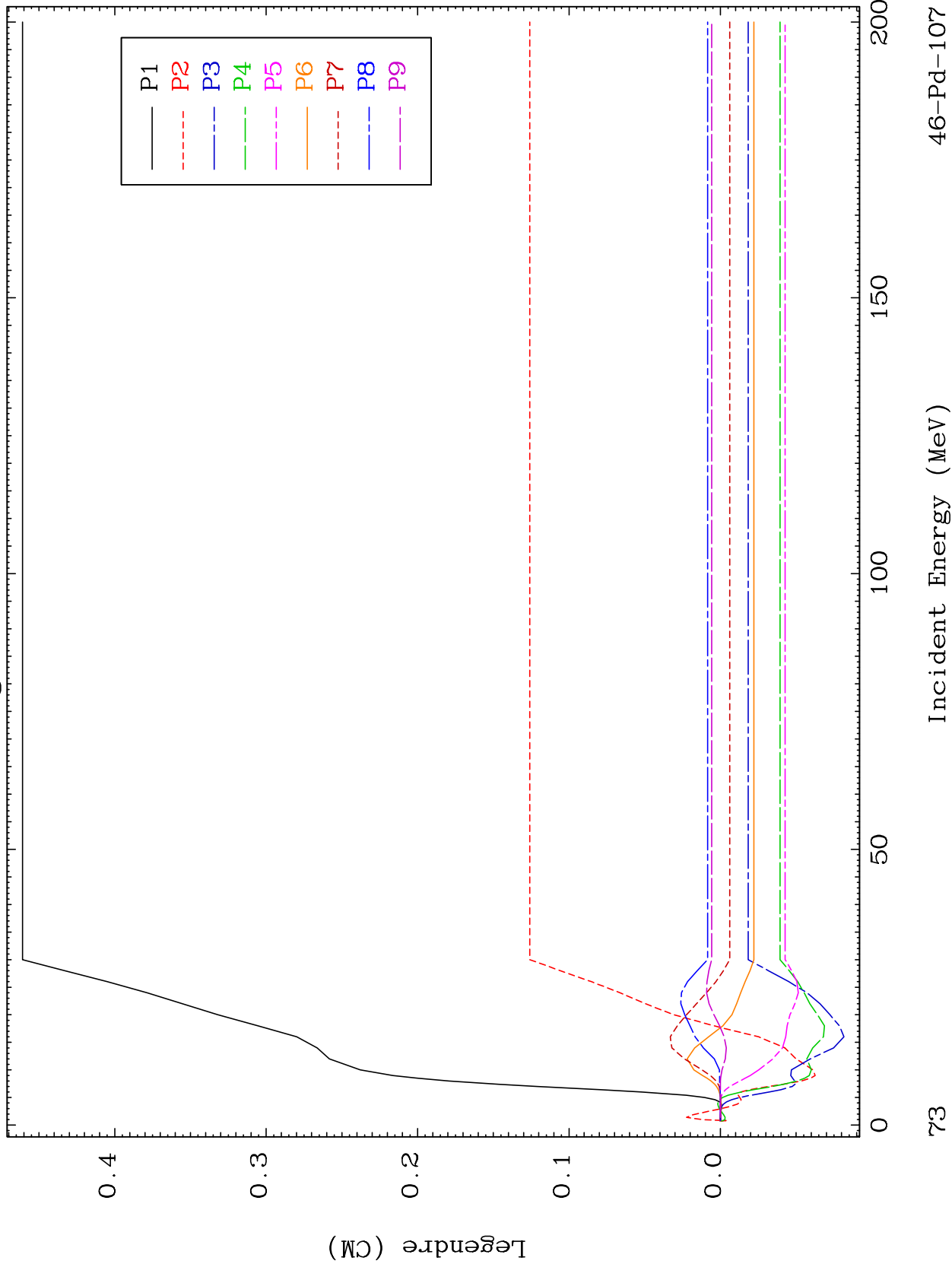
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

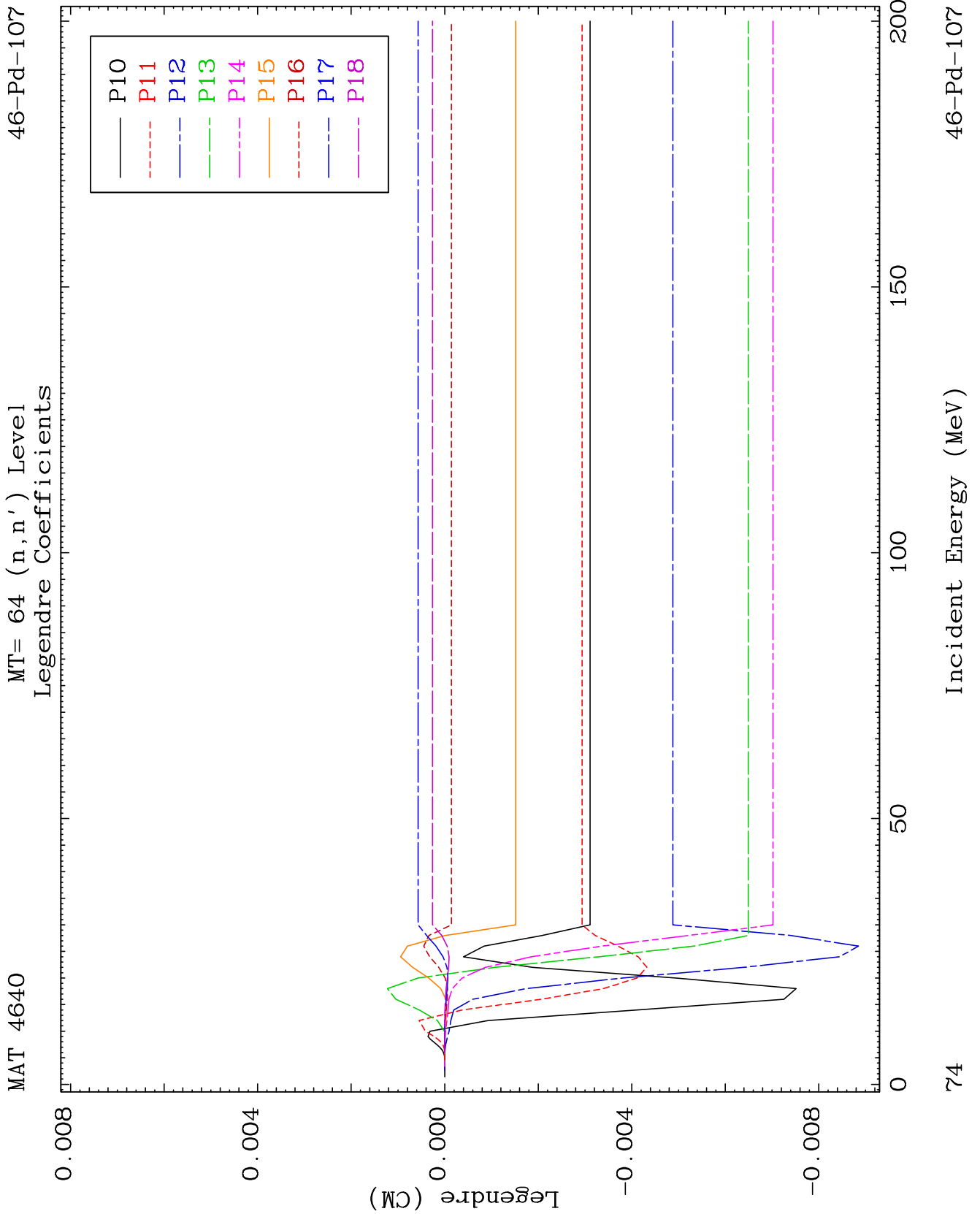
46-Pd-107



46-Pd-107

Incident Energy (MeV)

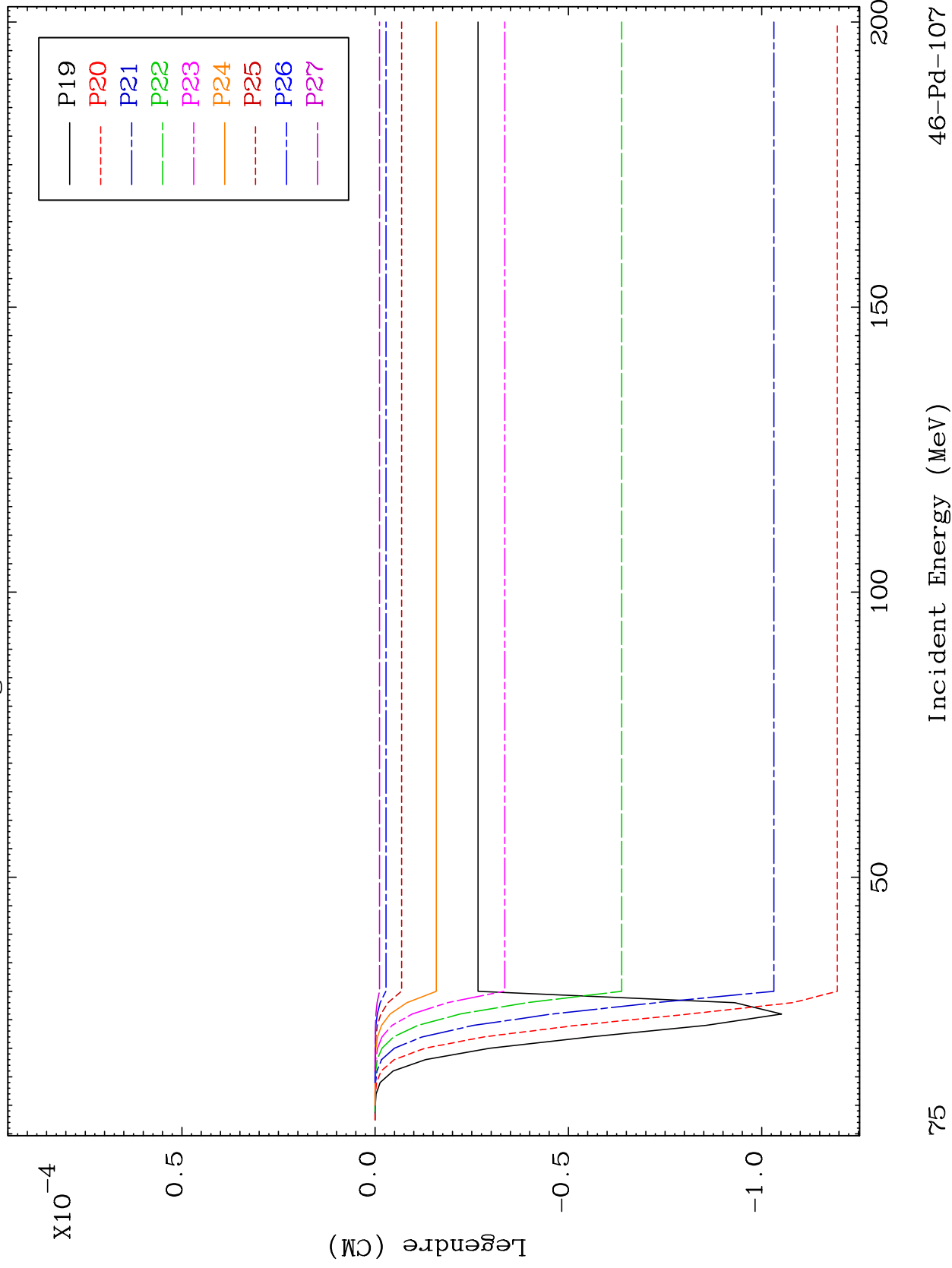
73

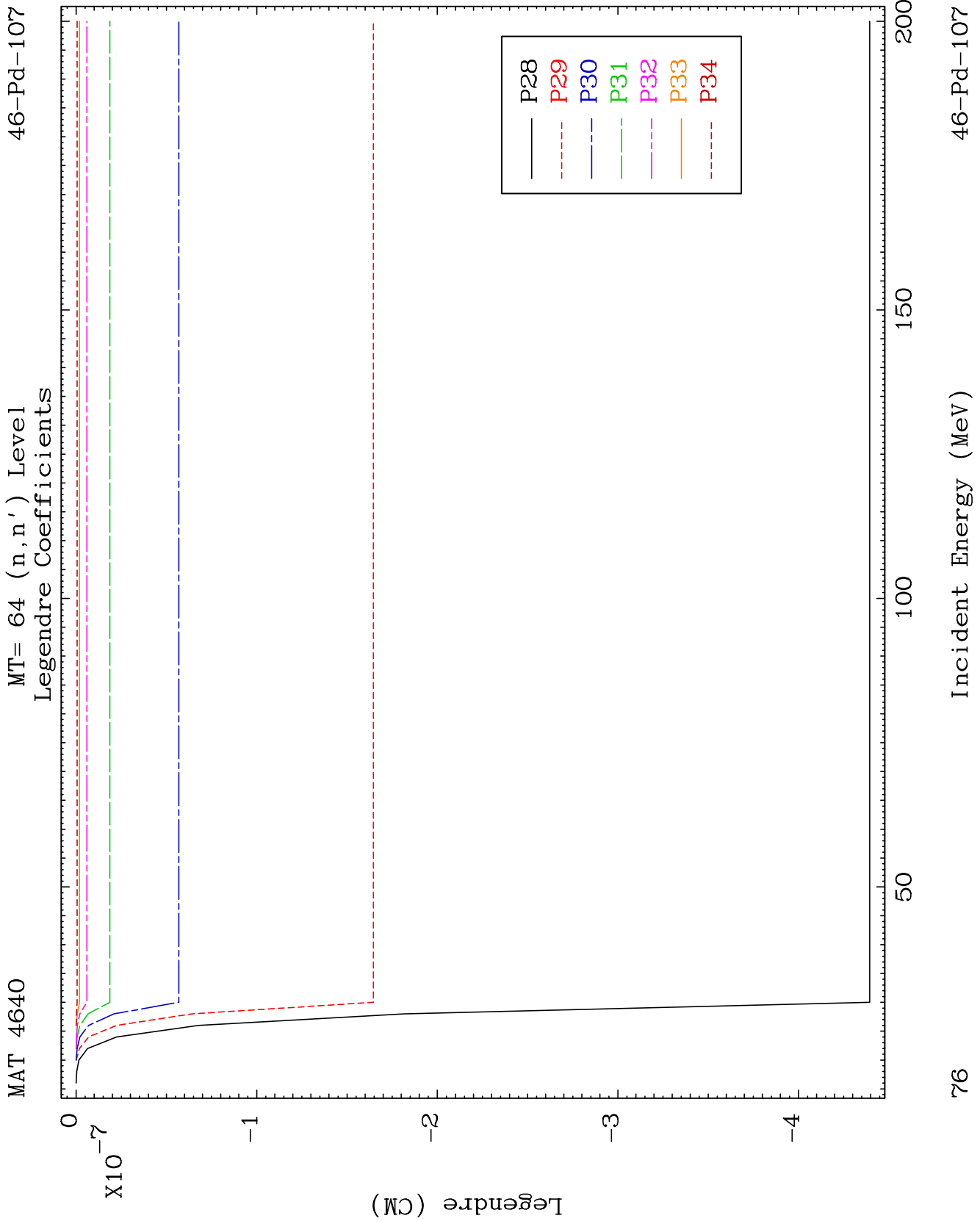


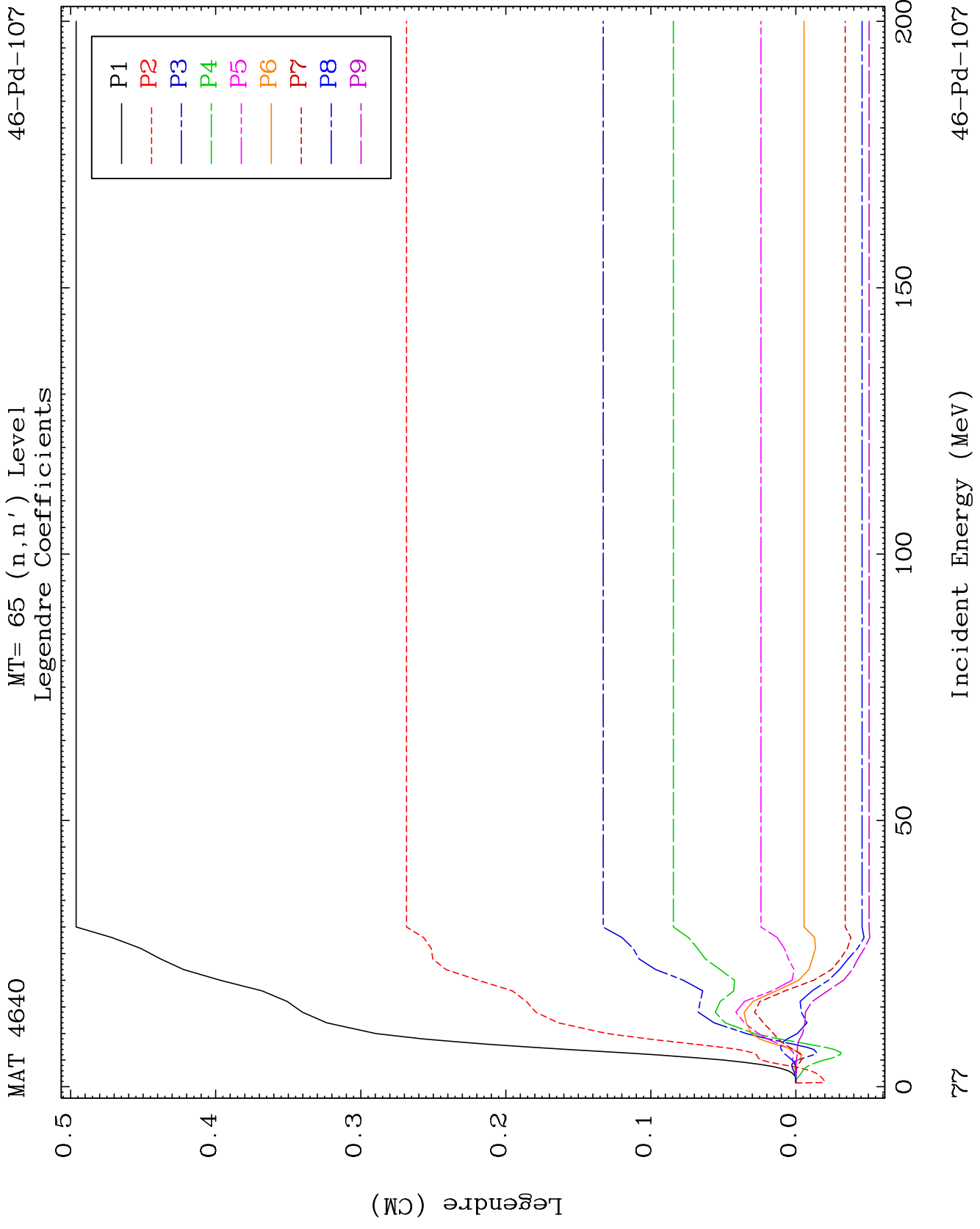
MAT 4640

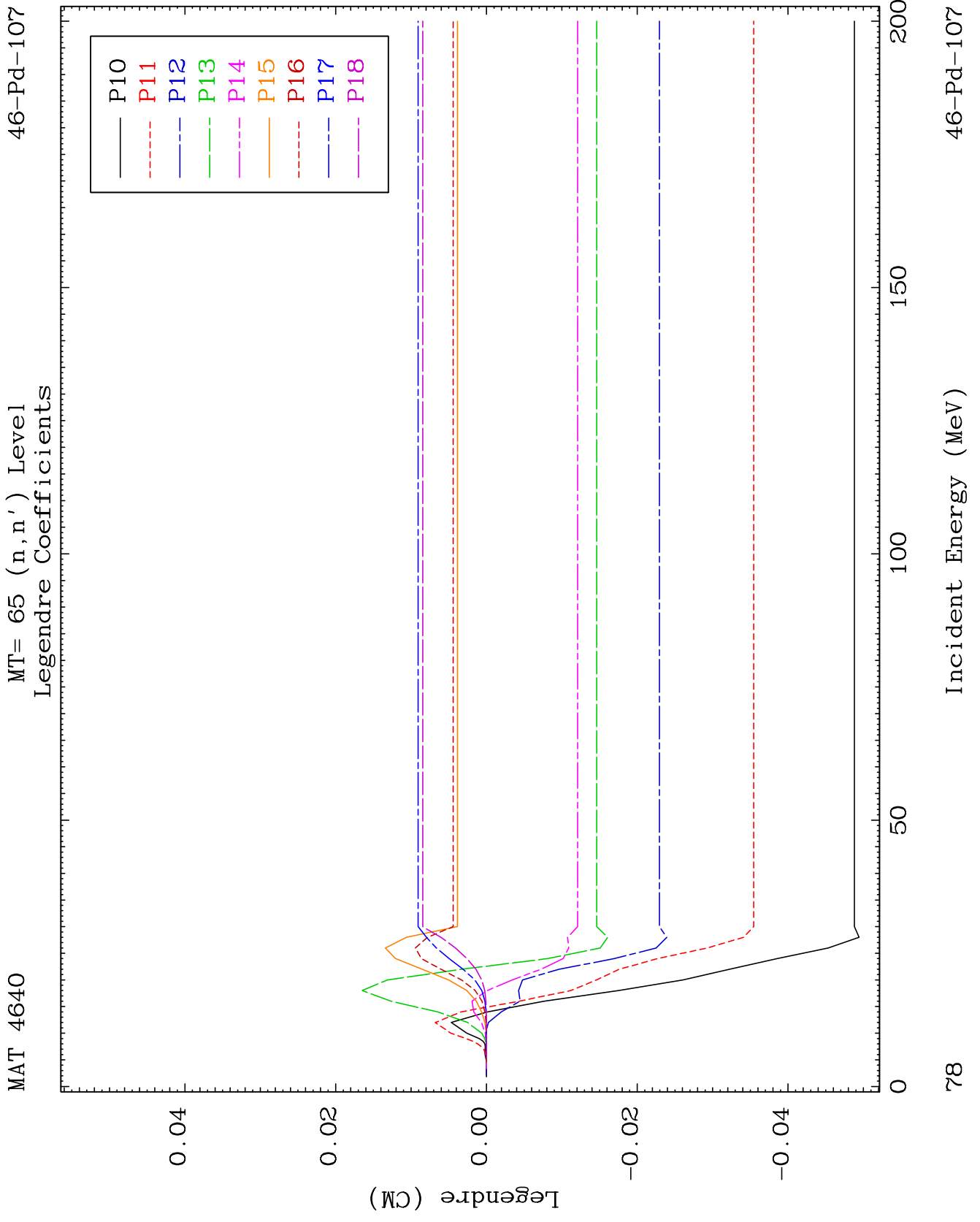
MT= 64 (n,n') Level
Legendre Coefficients

46-Pd-107









46-Pd-107

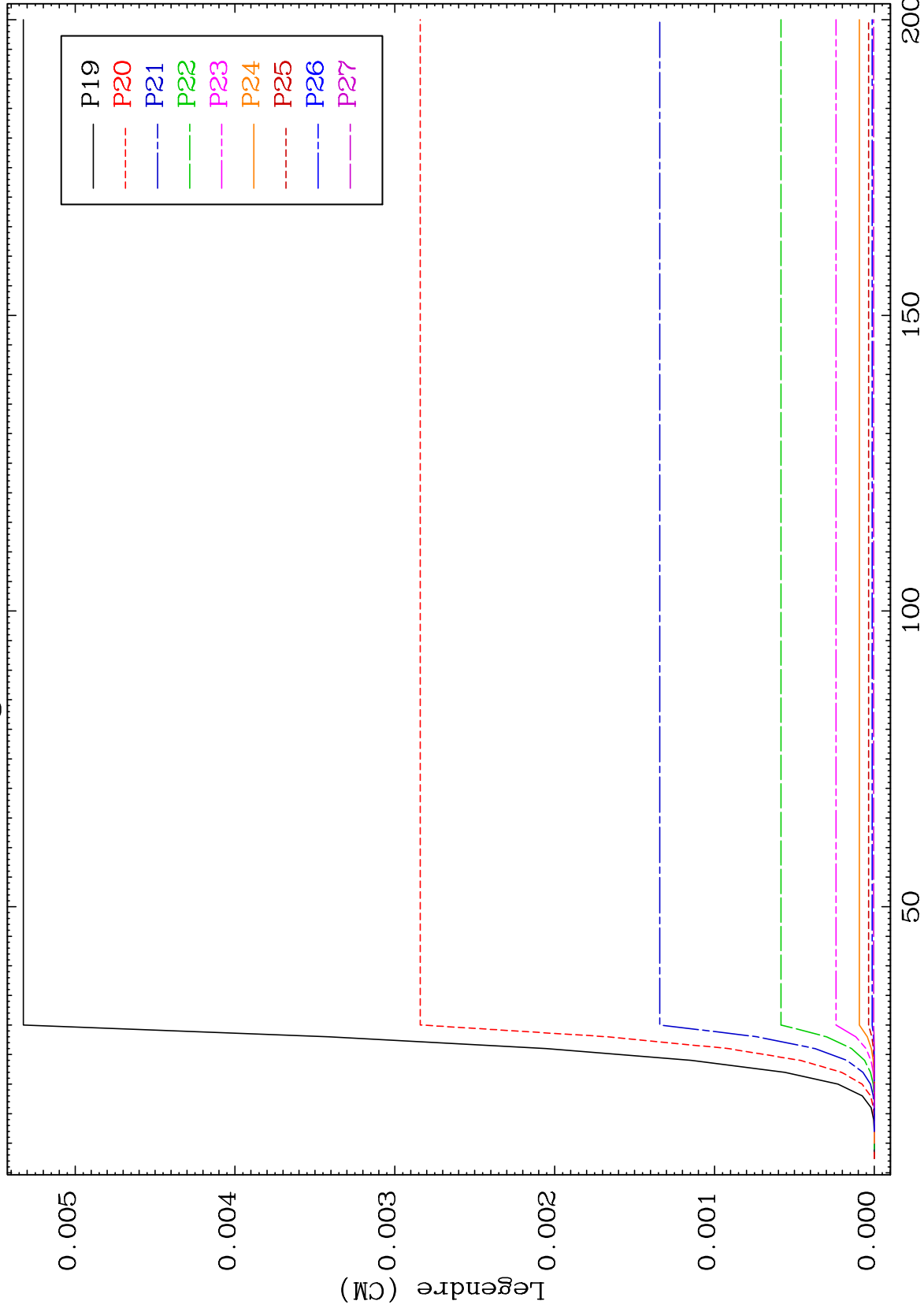
Incident Energy (MeV)

78

MAT 4640

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

46-Pd-107



79

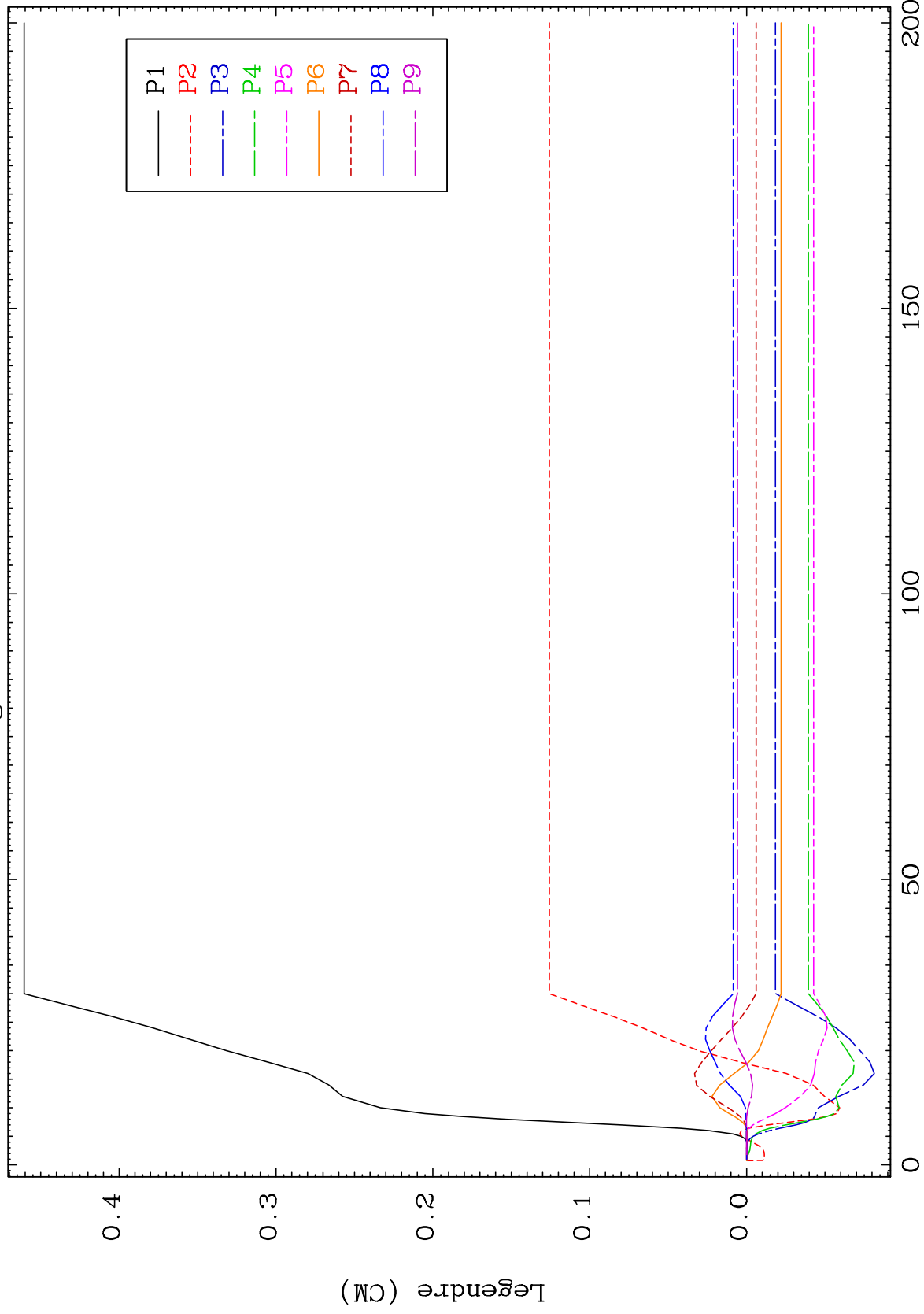
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

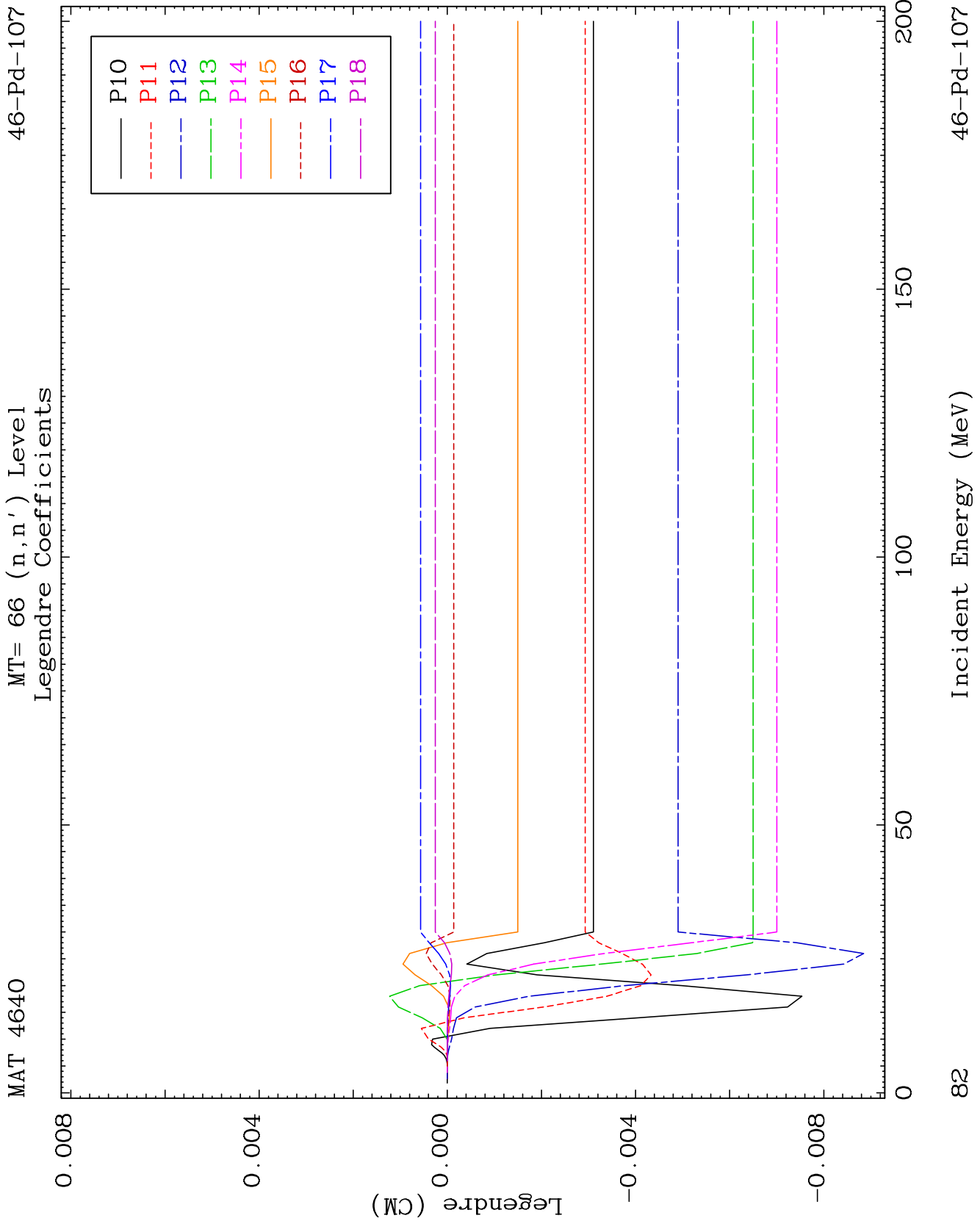
46-Pd-107



81

Incident Energy (MeV)

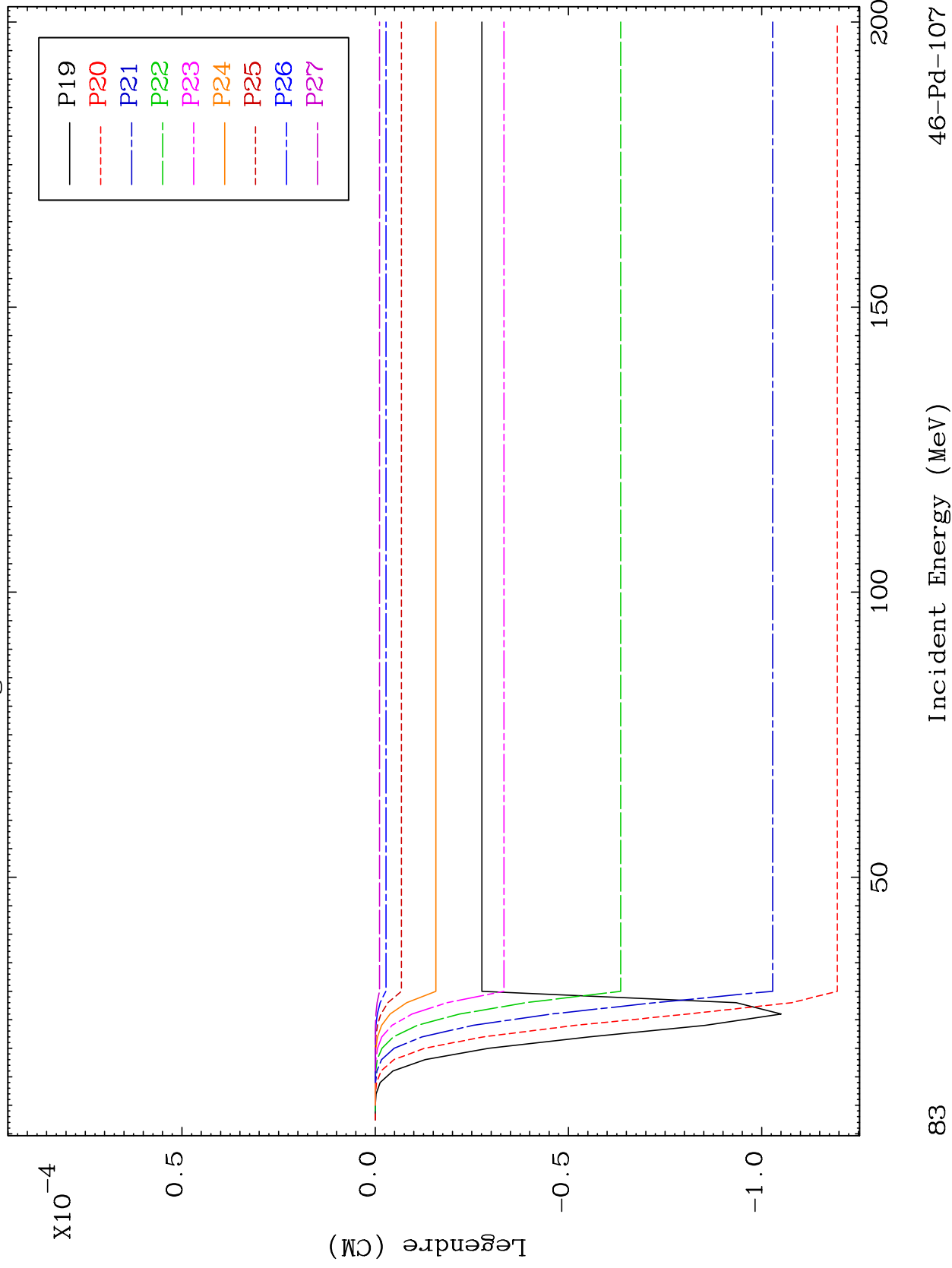
46-Pd-107



MAT 4640

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

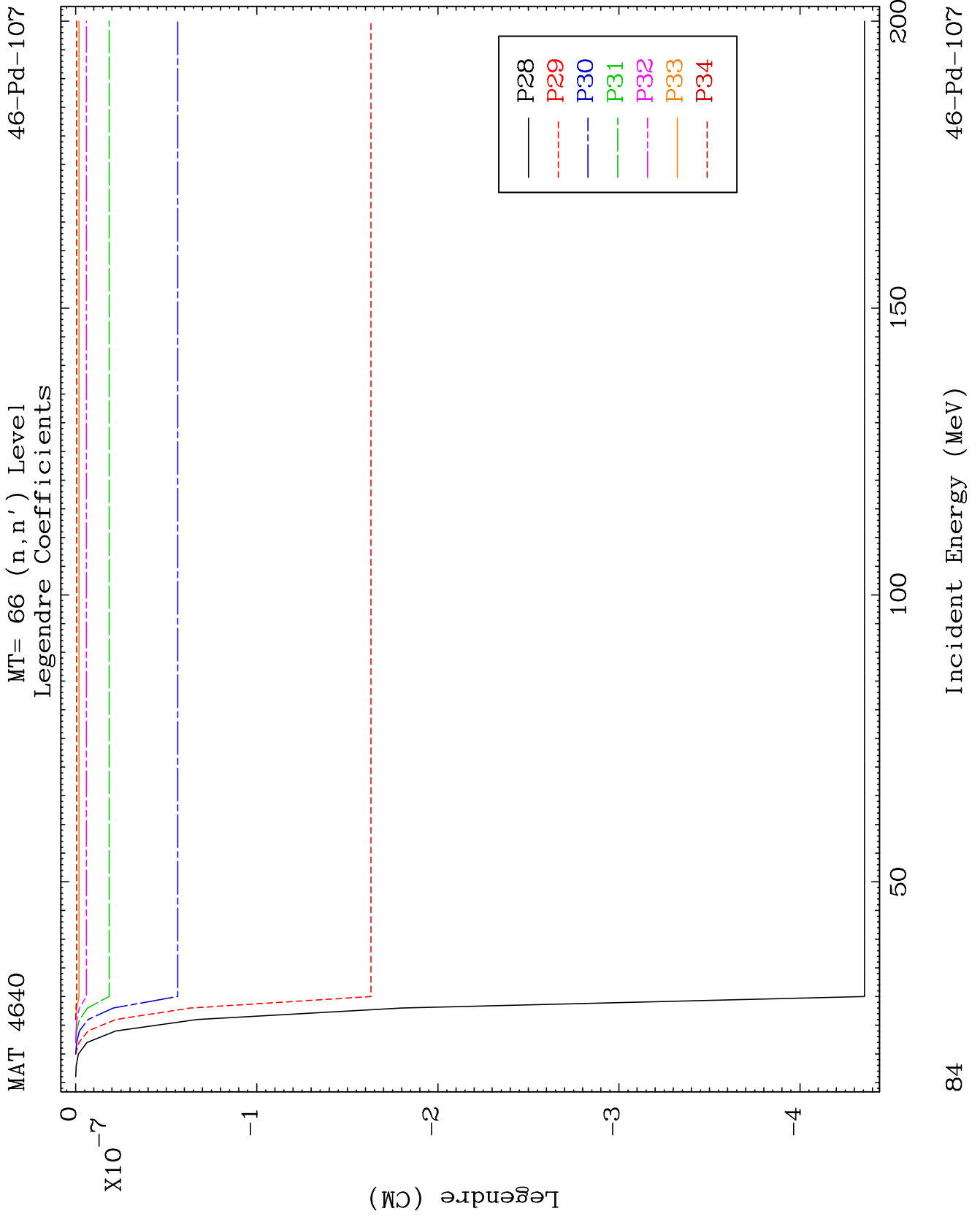
46-Pd-107



83

Incident Energy (MeV)

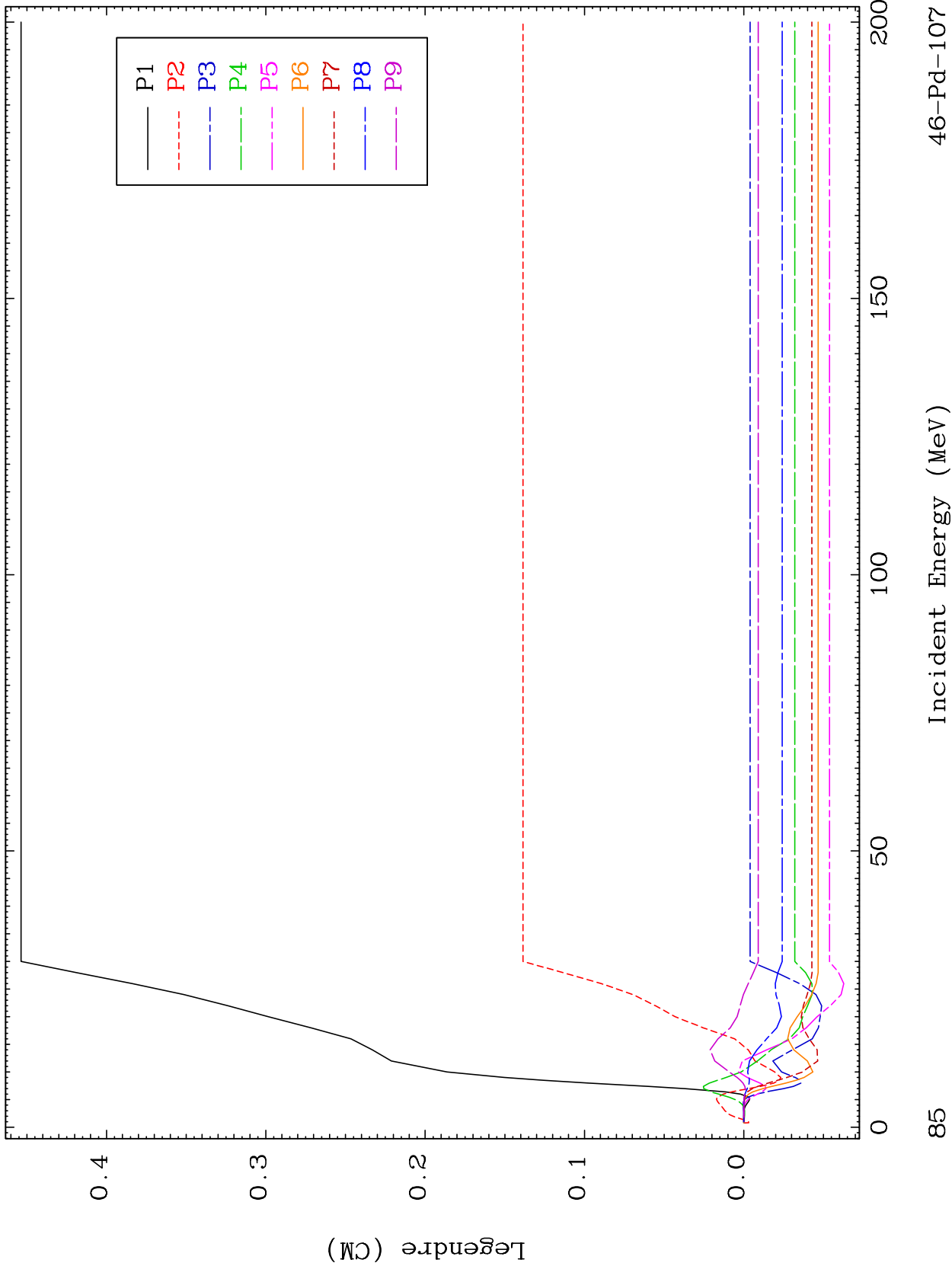
46-Pd-107



MAT 4640

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

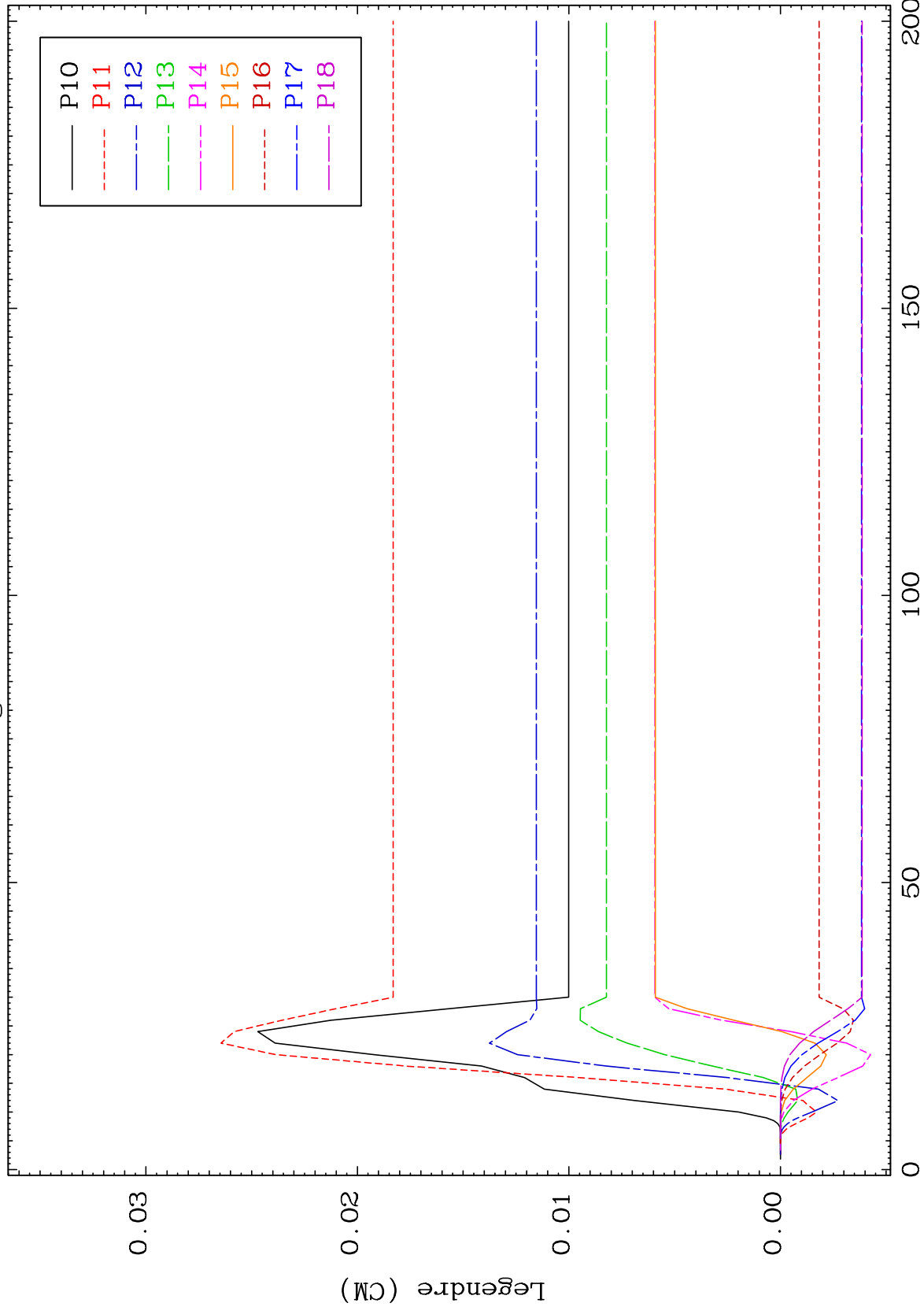
46-Pd-107



MAT 4640

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

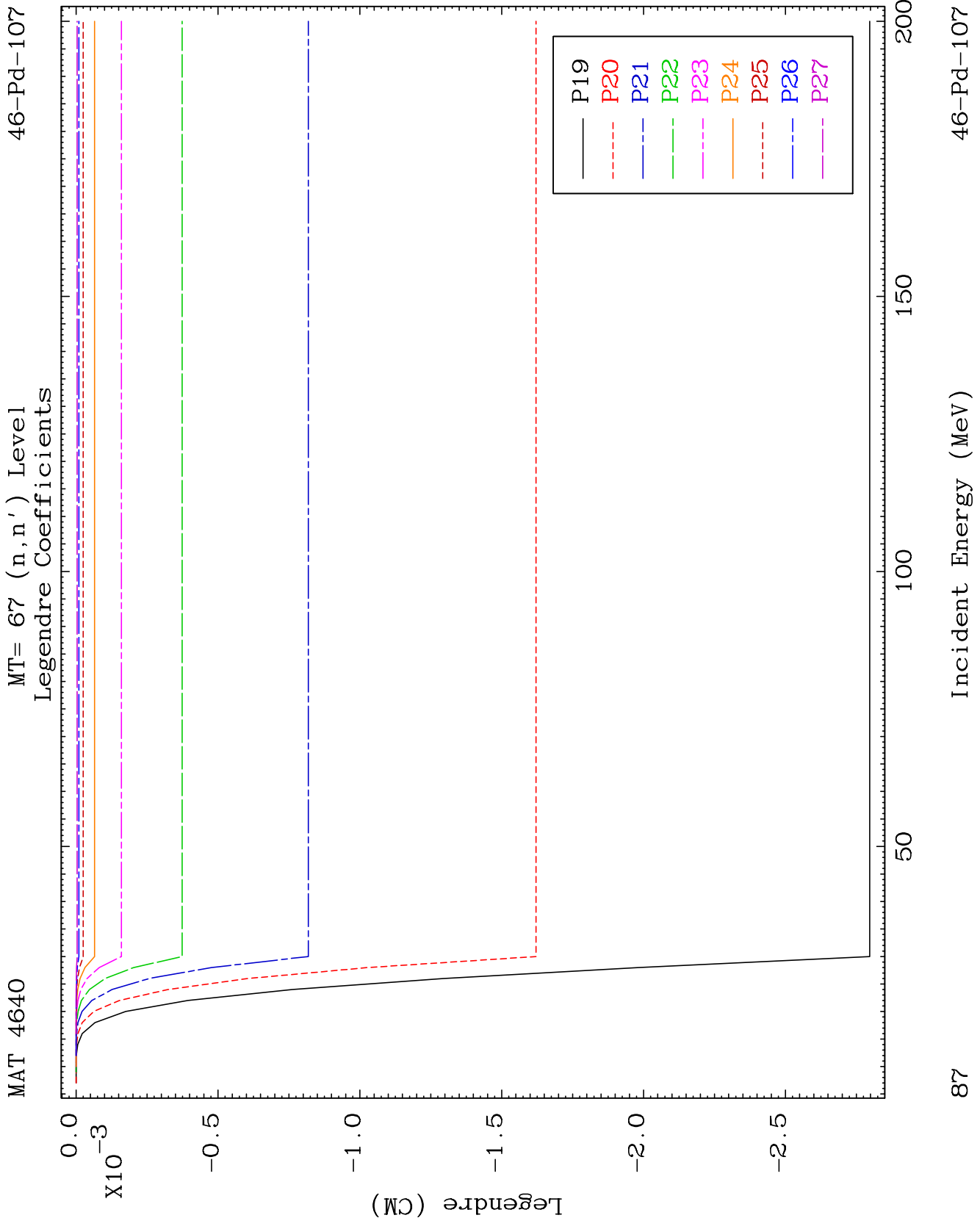
46-Pd-107

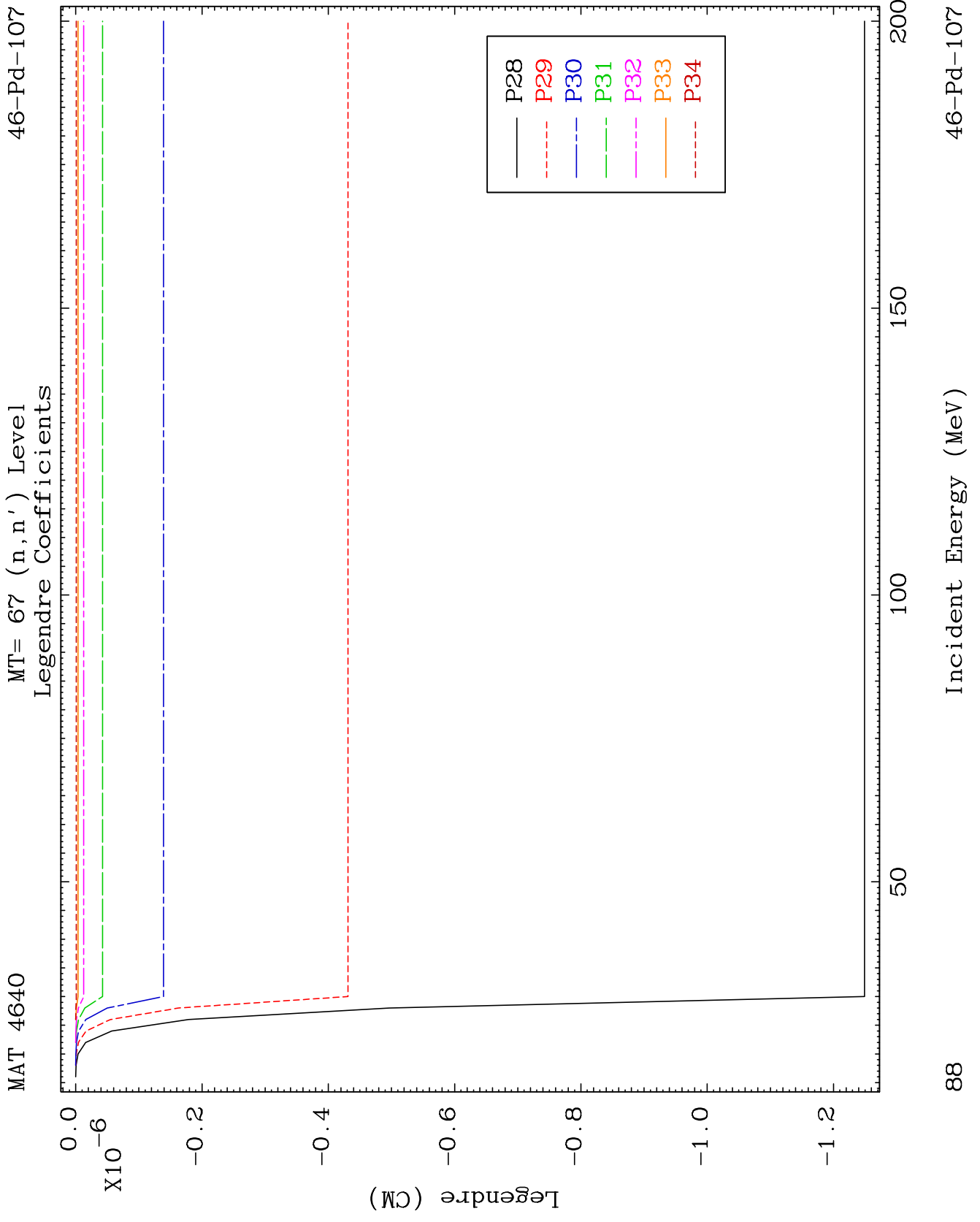


86

Incident Energy (MeV)

46-Pd-107

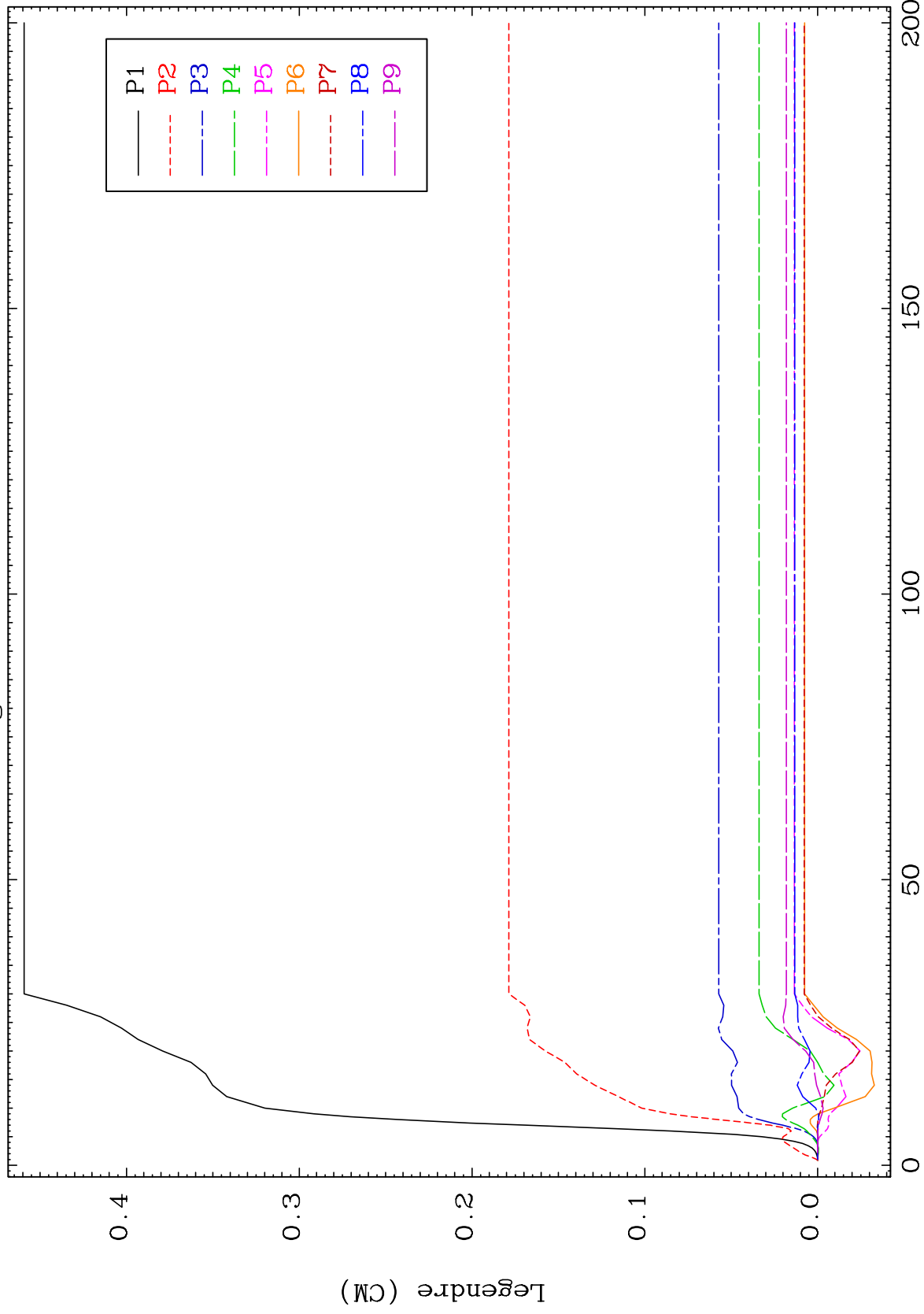




MAT 4640

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

46-Pd-107



89

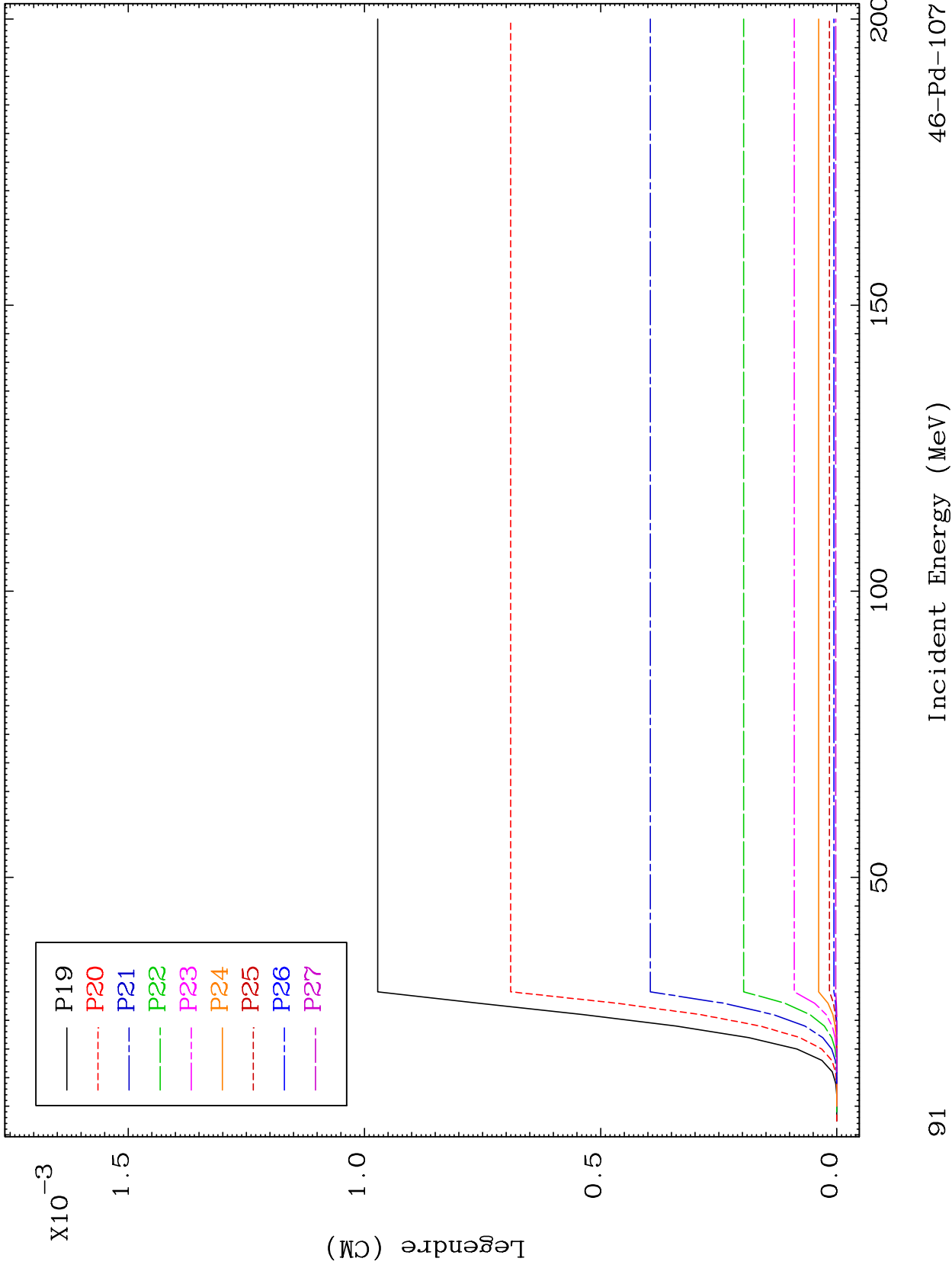
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

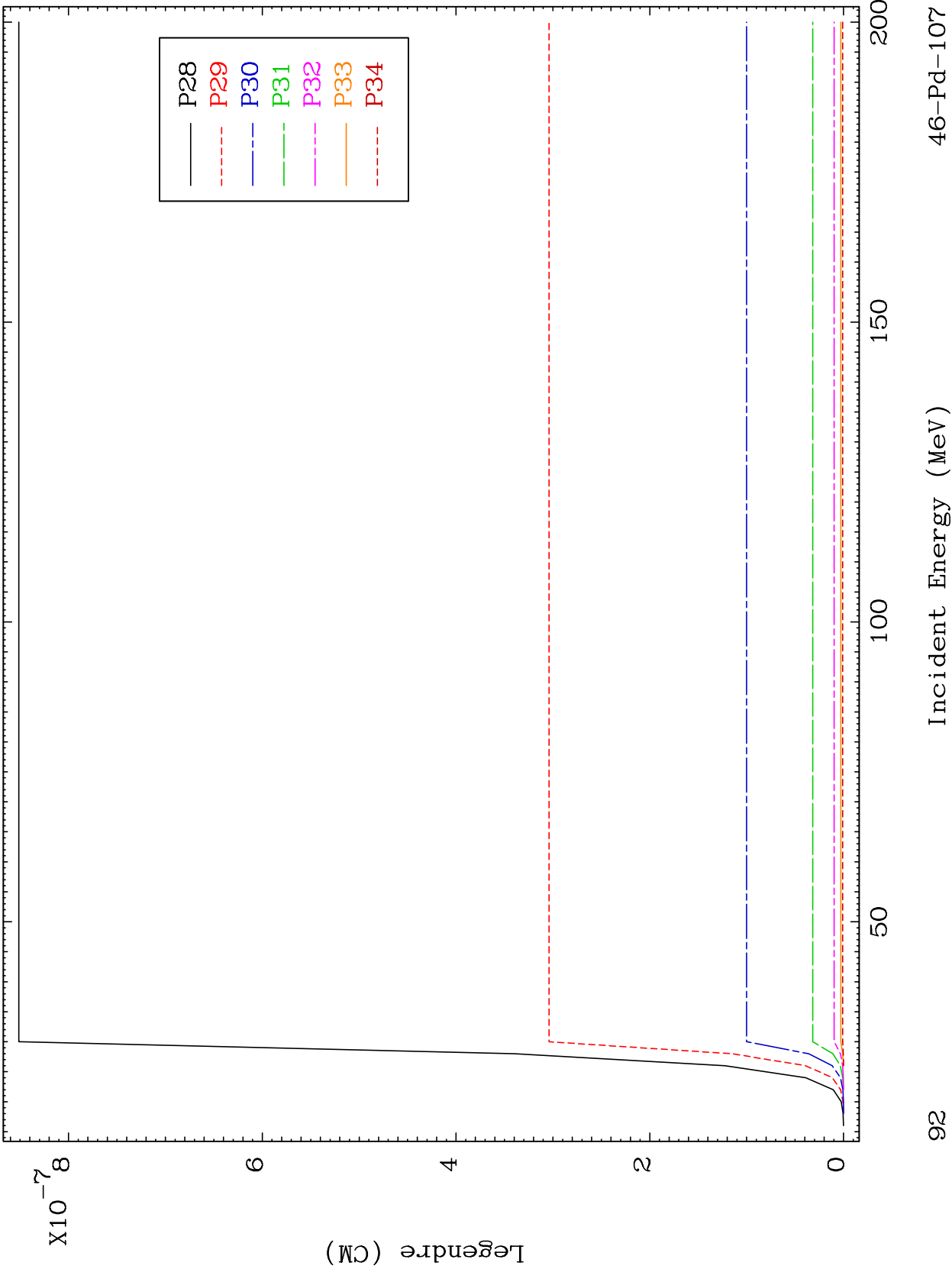
46-Pd-107

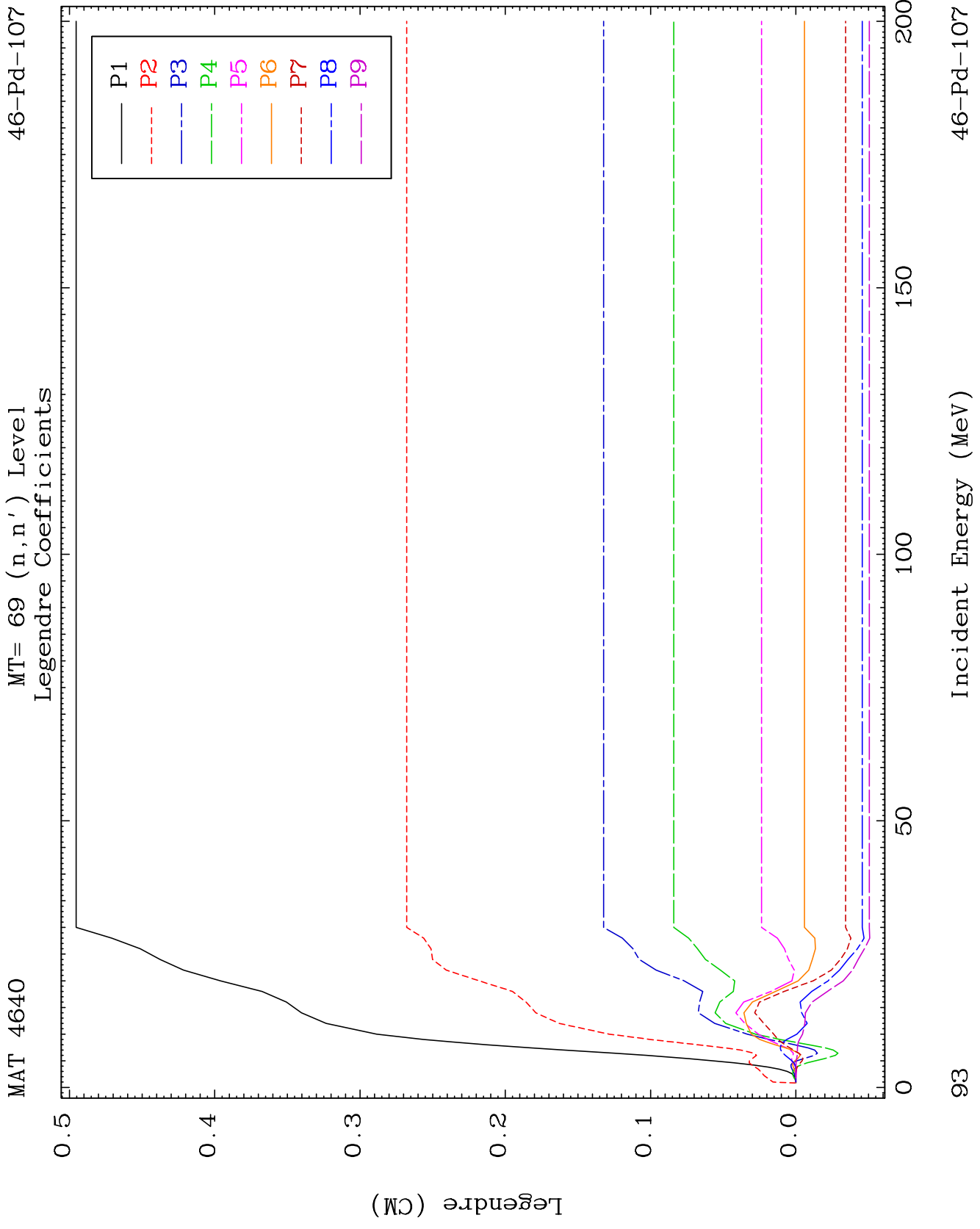


MAT 4640

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

46-Pd-107

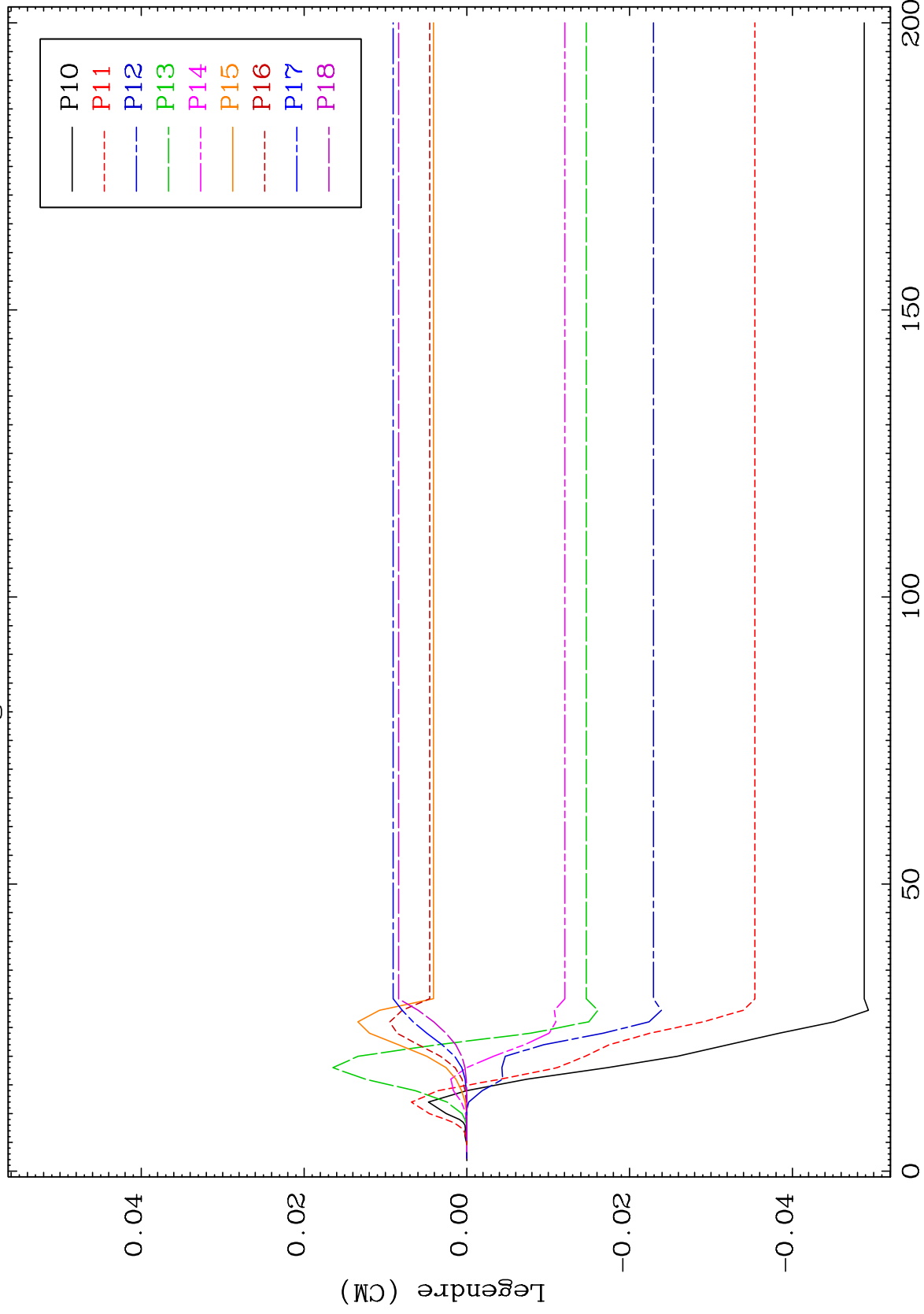




MAT 4640

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

46-Pd-107



94

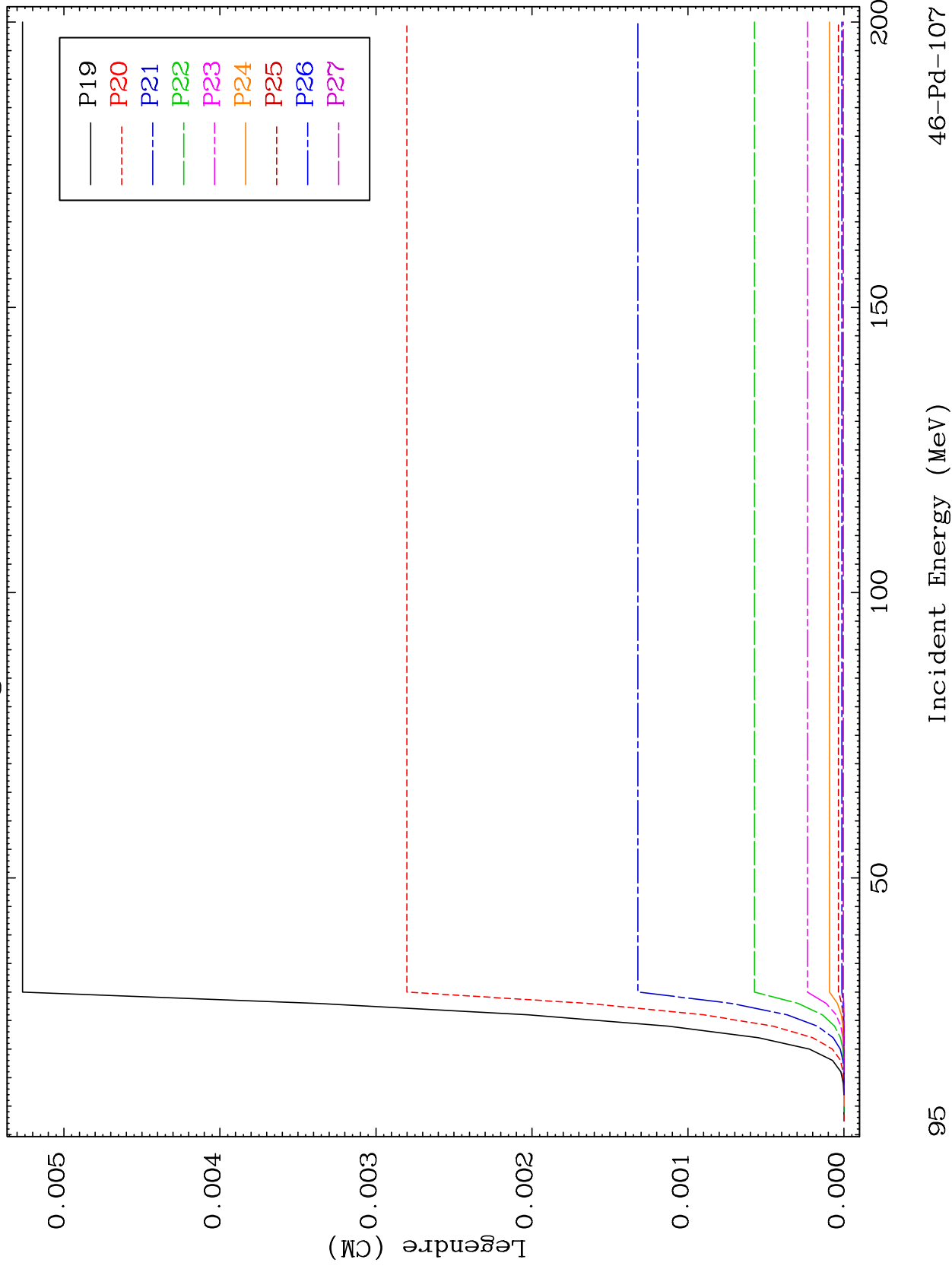
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

46-Pd-107



95

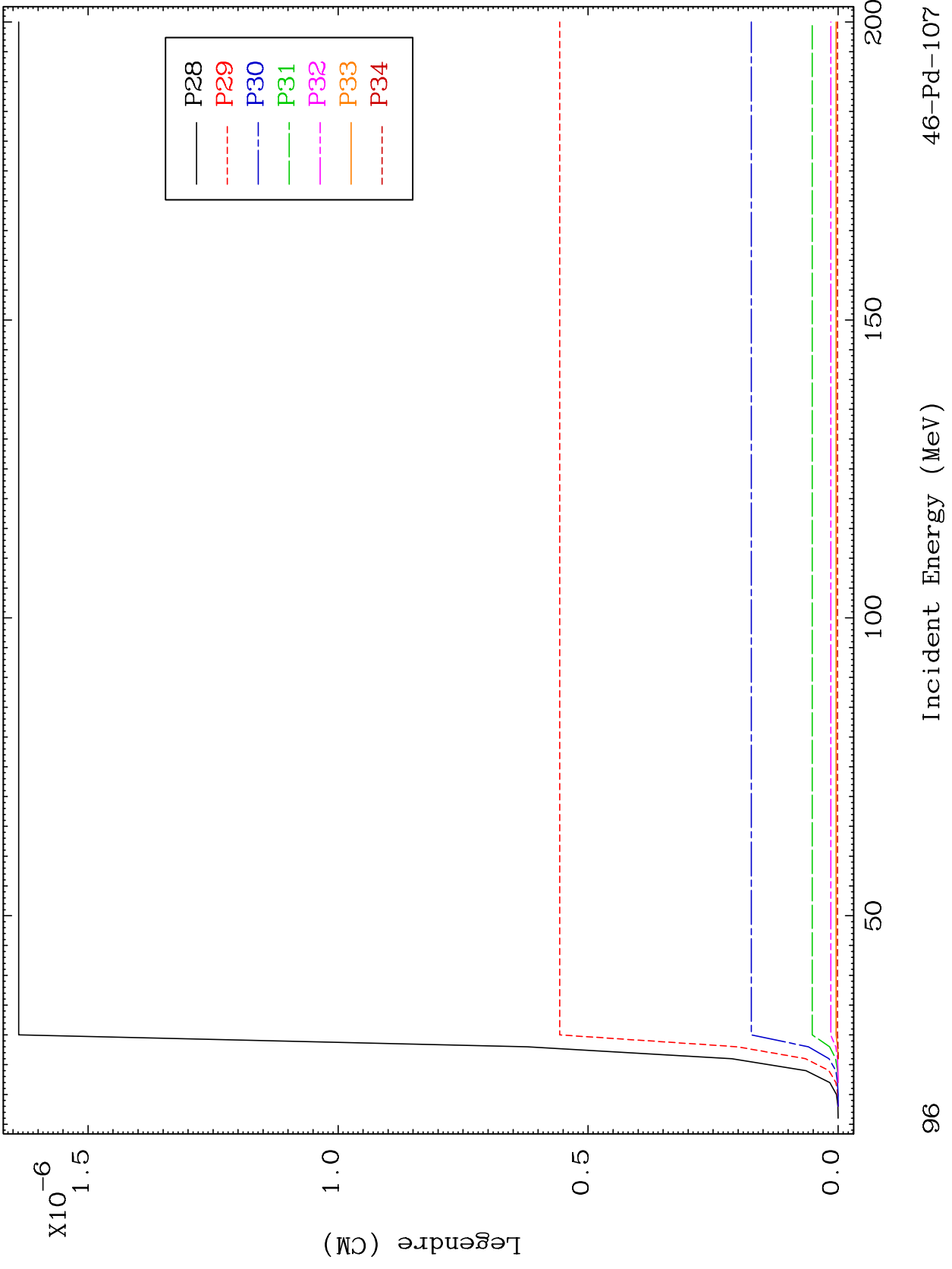
Incident Energy (MeV)

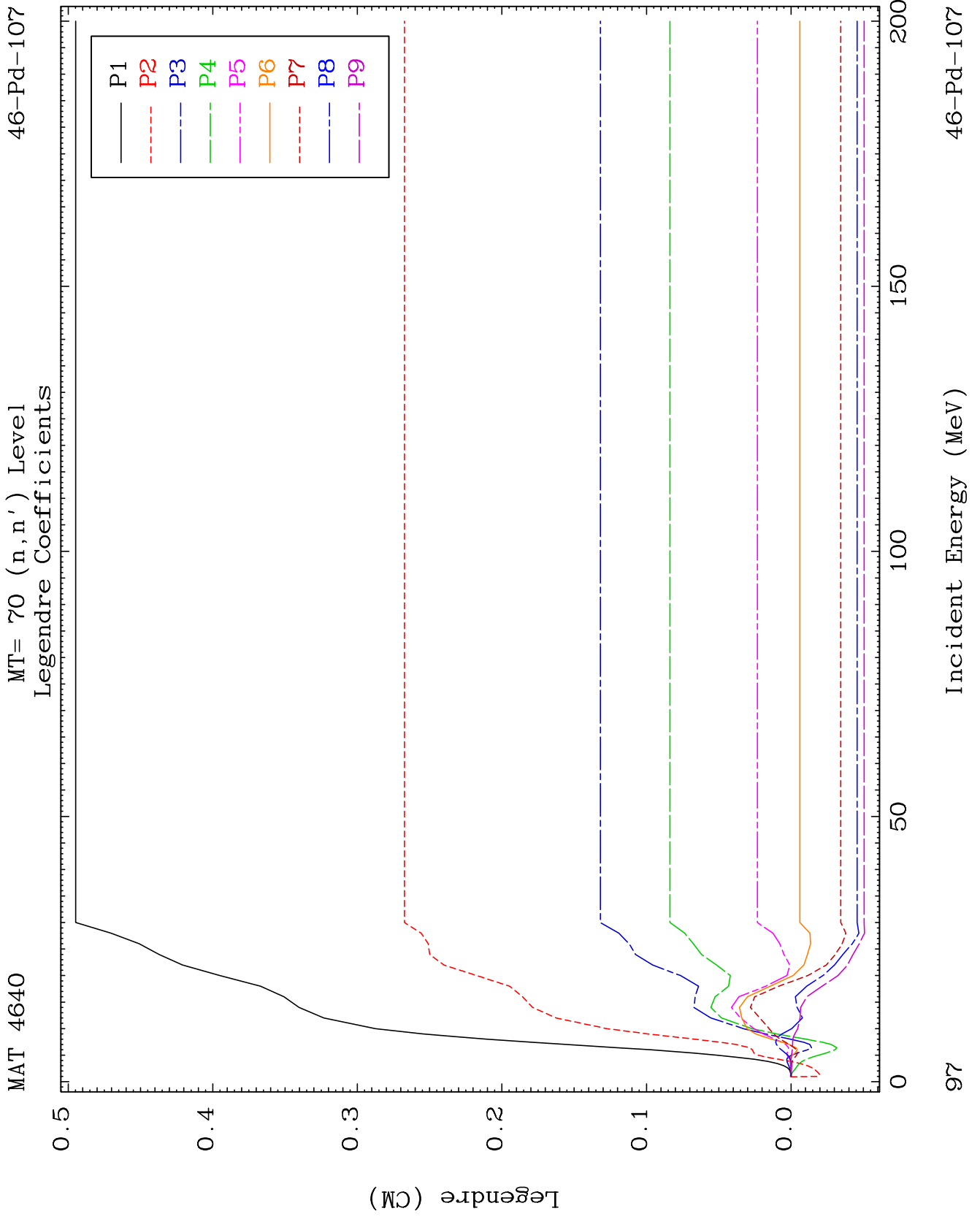
46-Pd-107

MAT 4640

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

46-Pd-107

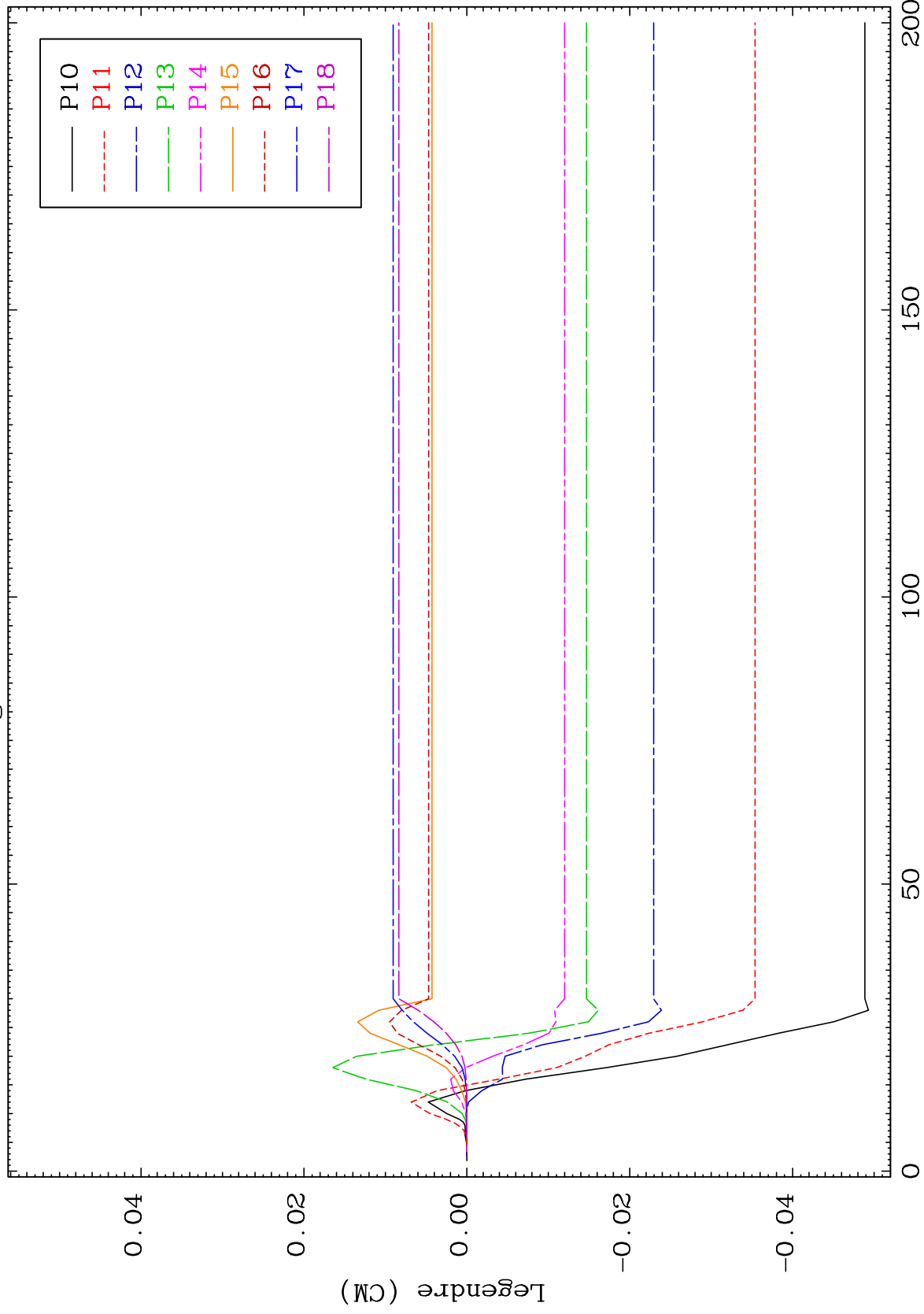




MAT 4640

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

46-Pd-107



98

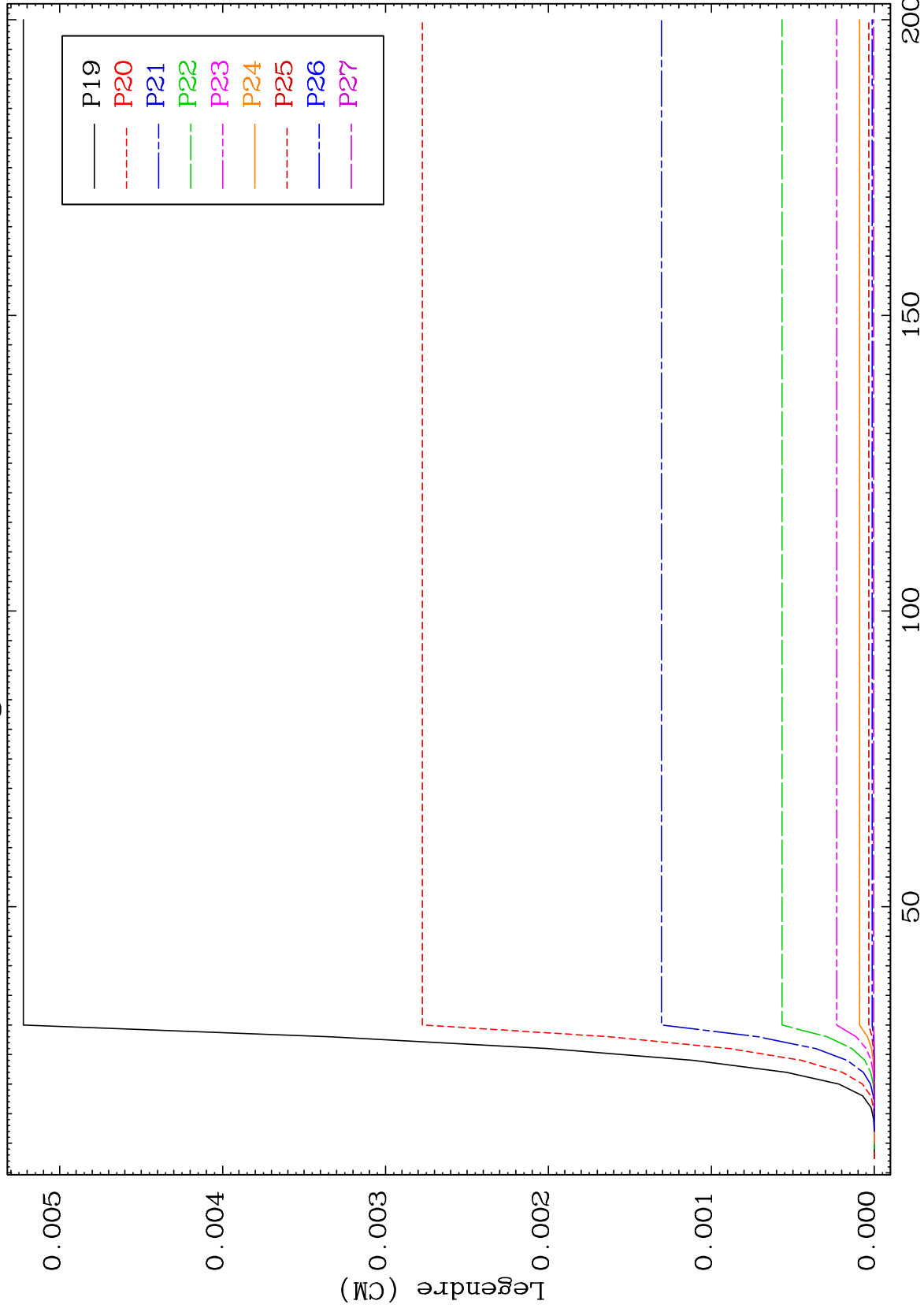
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

46-Pd-107



99

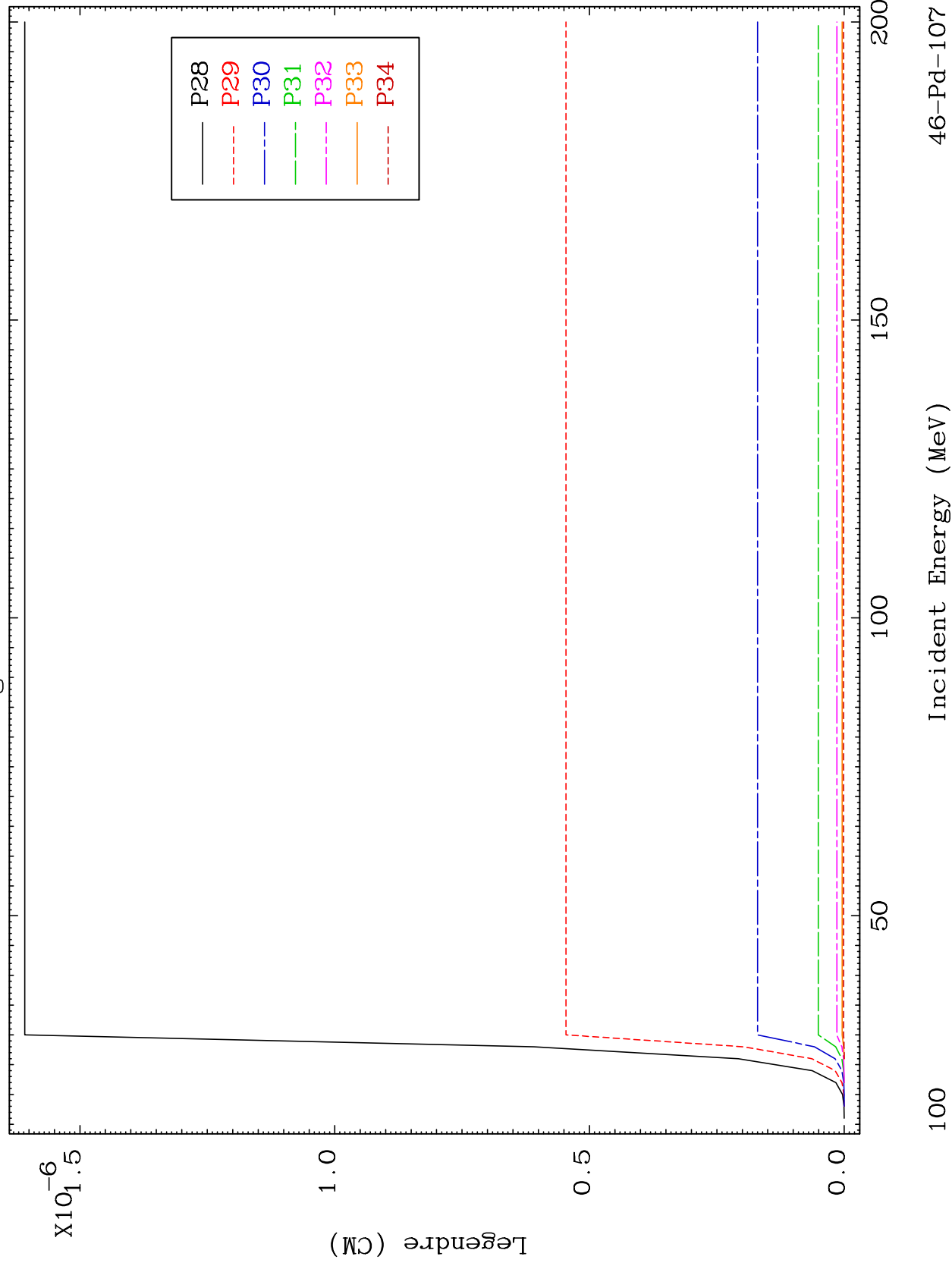
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

46-Pd-107

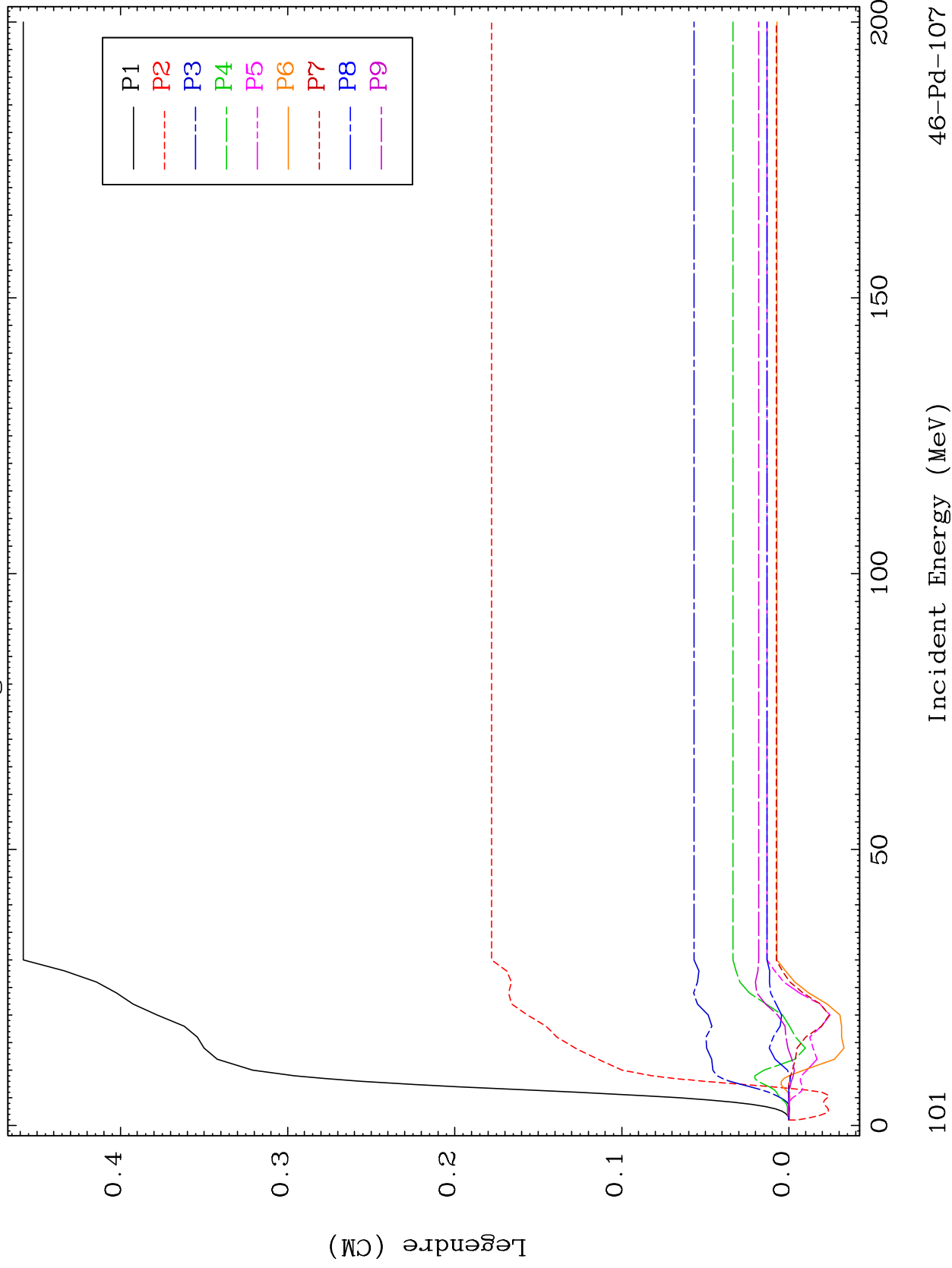


46-Pd-107

MAT 4640

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

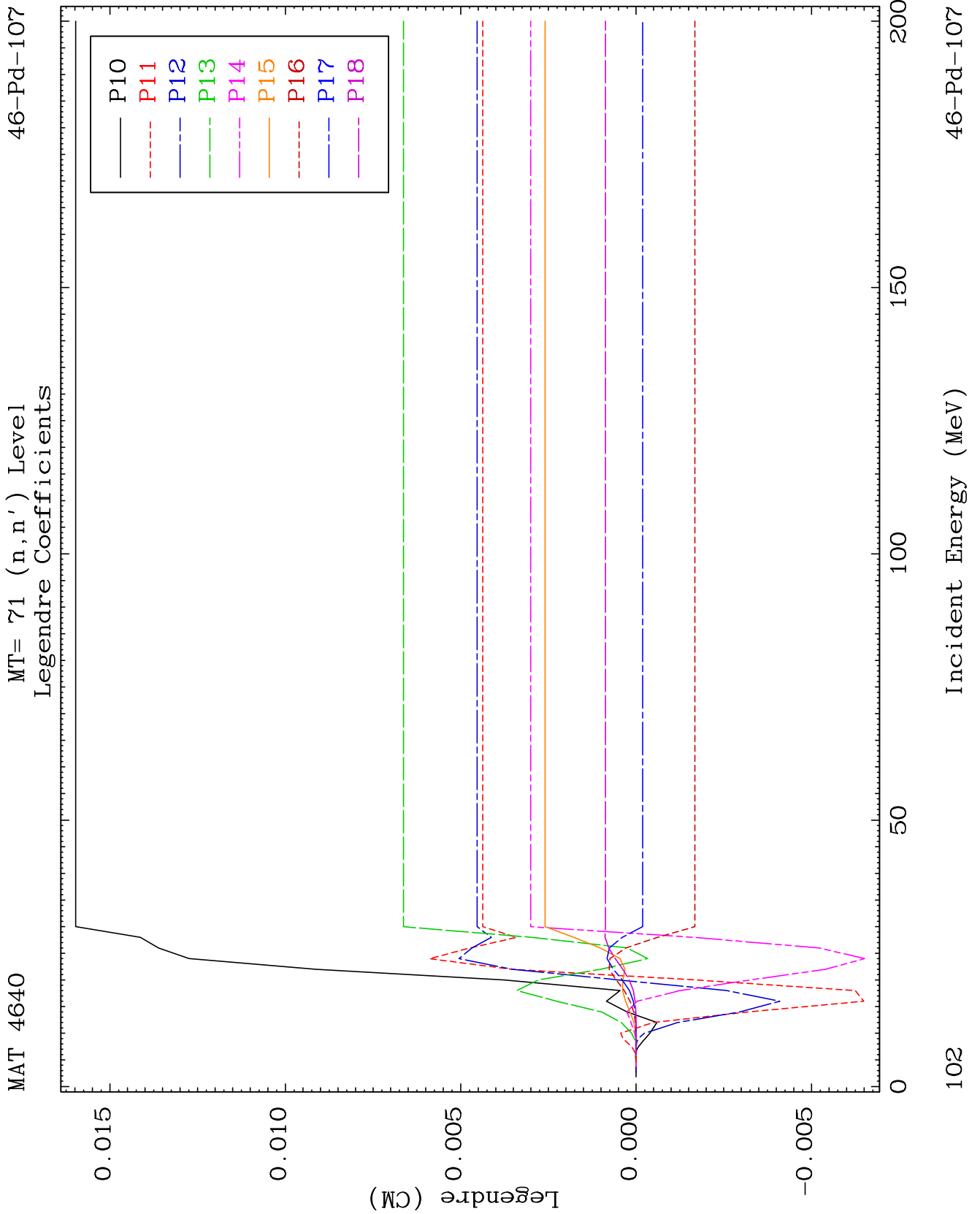
46-Pd-107



46-Pd-107

Incident Energy (MeV)

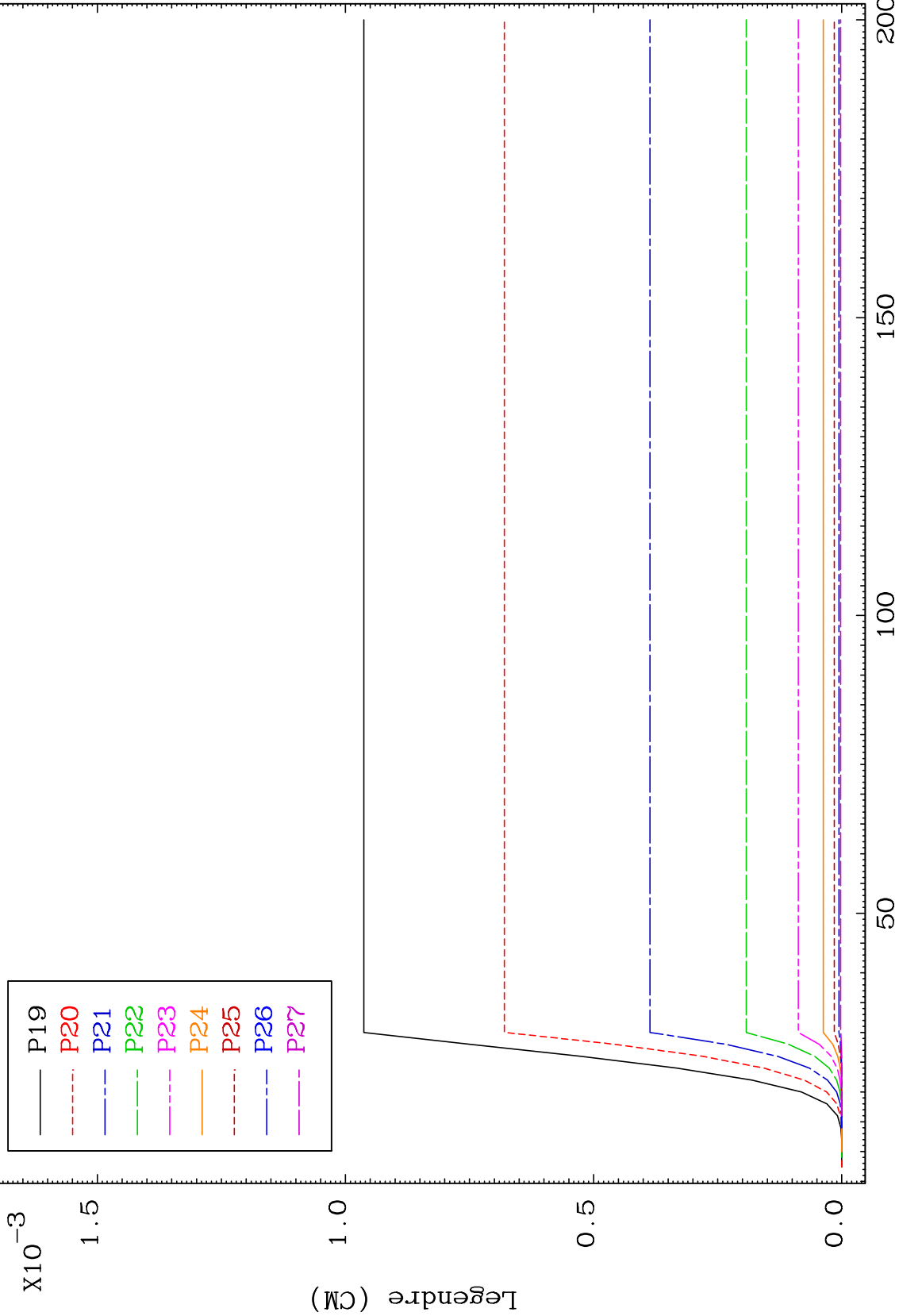
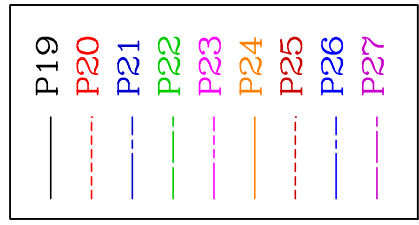
101



MAT 4640

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

46-Pd-107



103

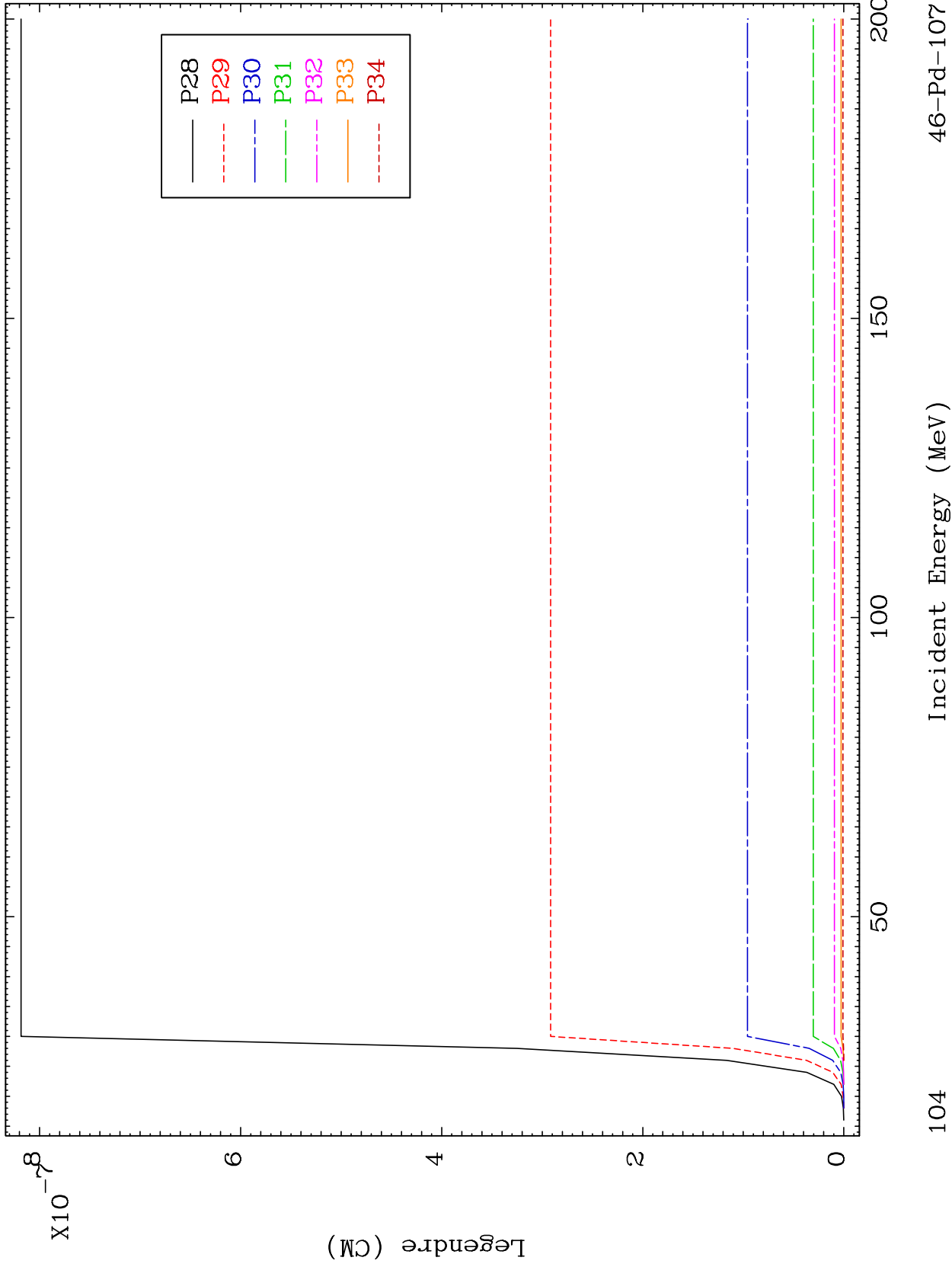
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

46-Pd-107



104

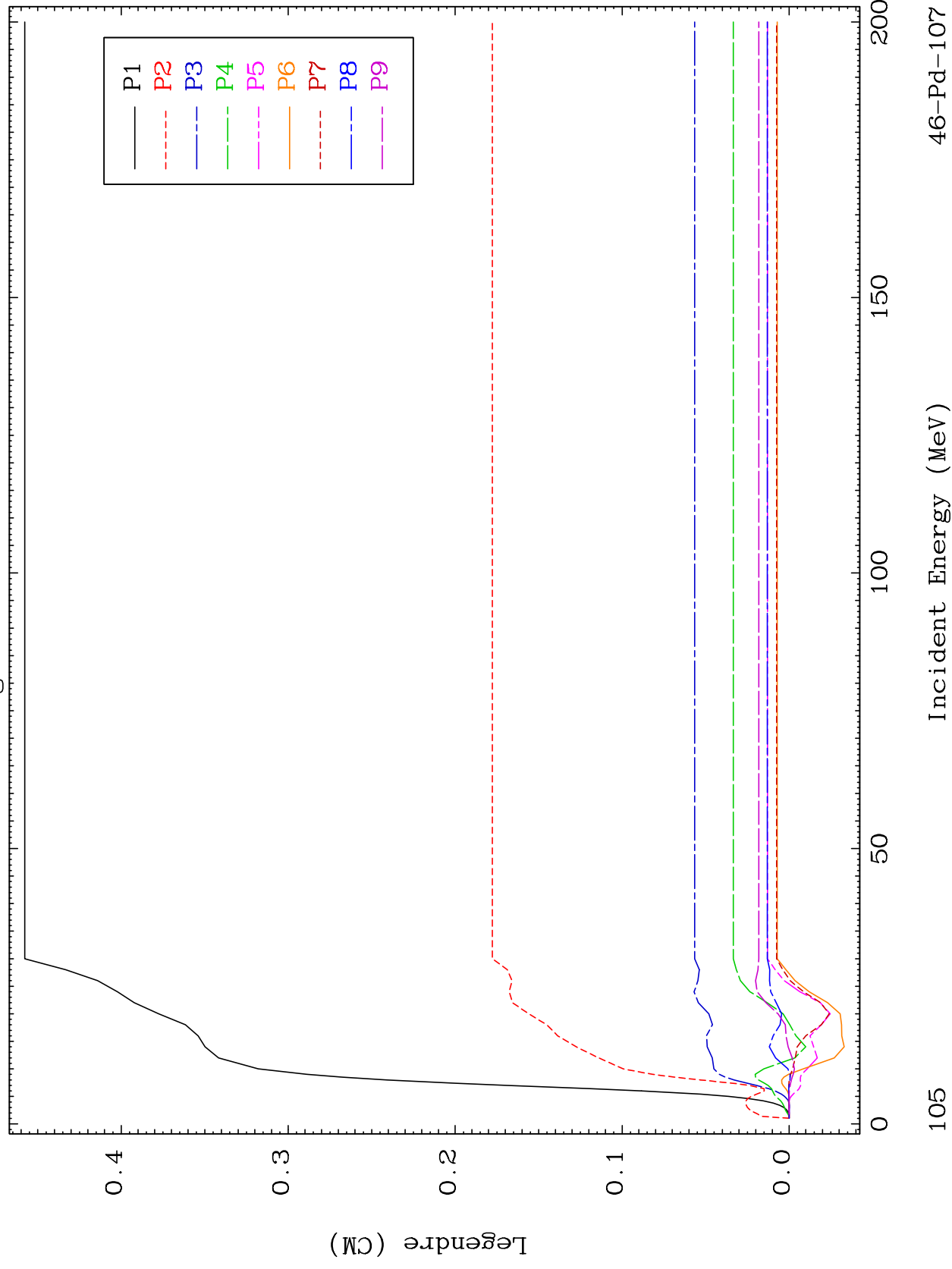
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

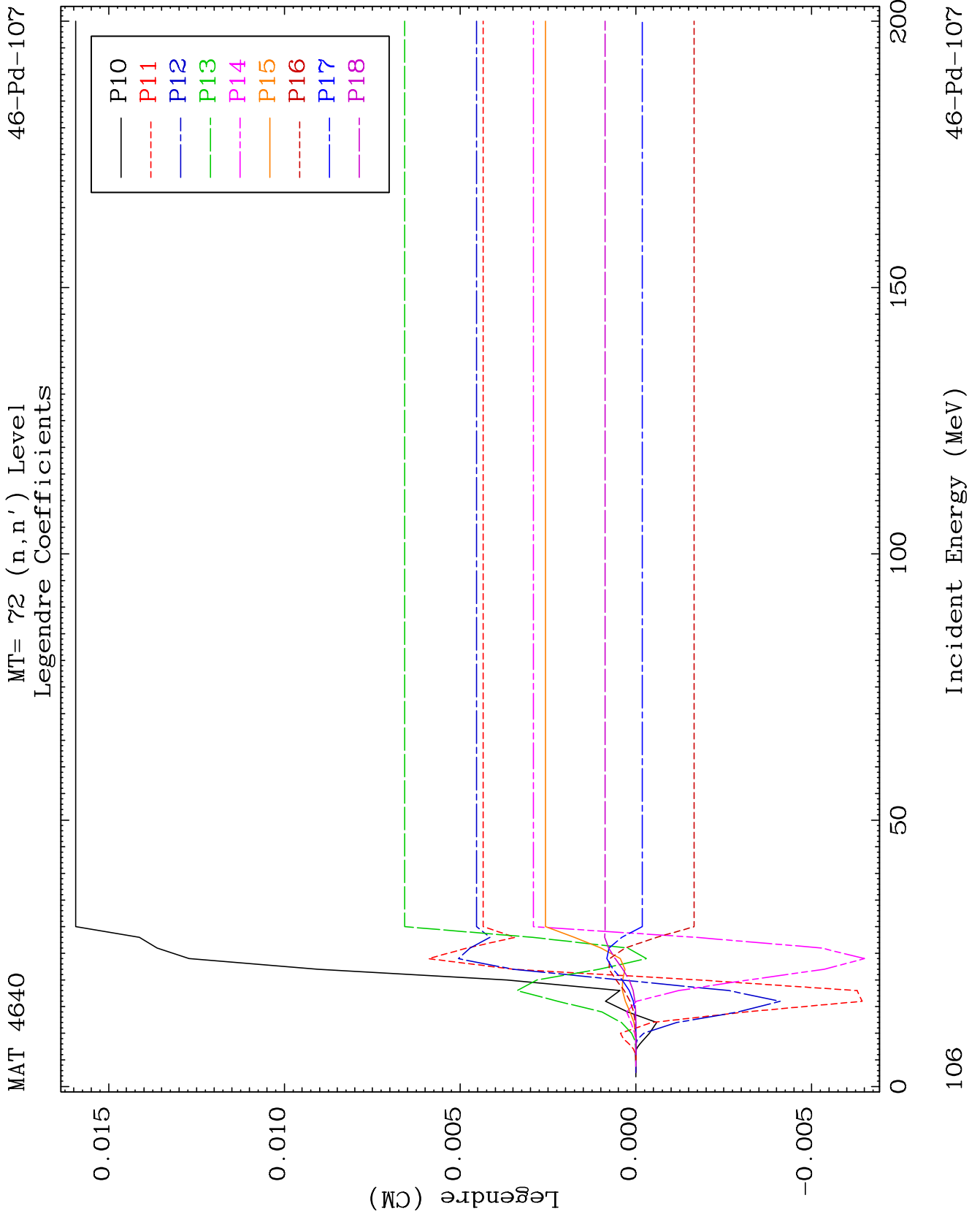
46-Pd-107



46-Pd-107

Incident Energy (MeV)

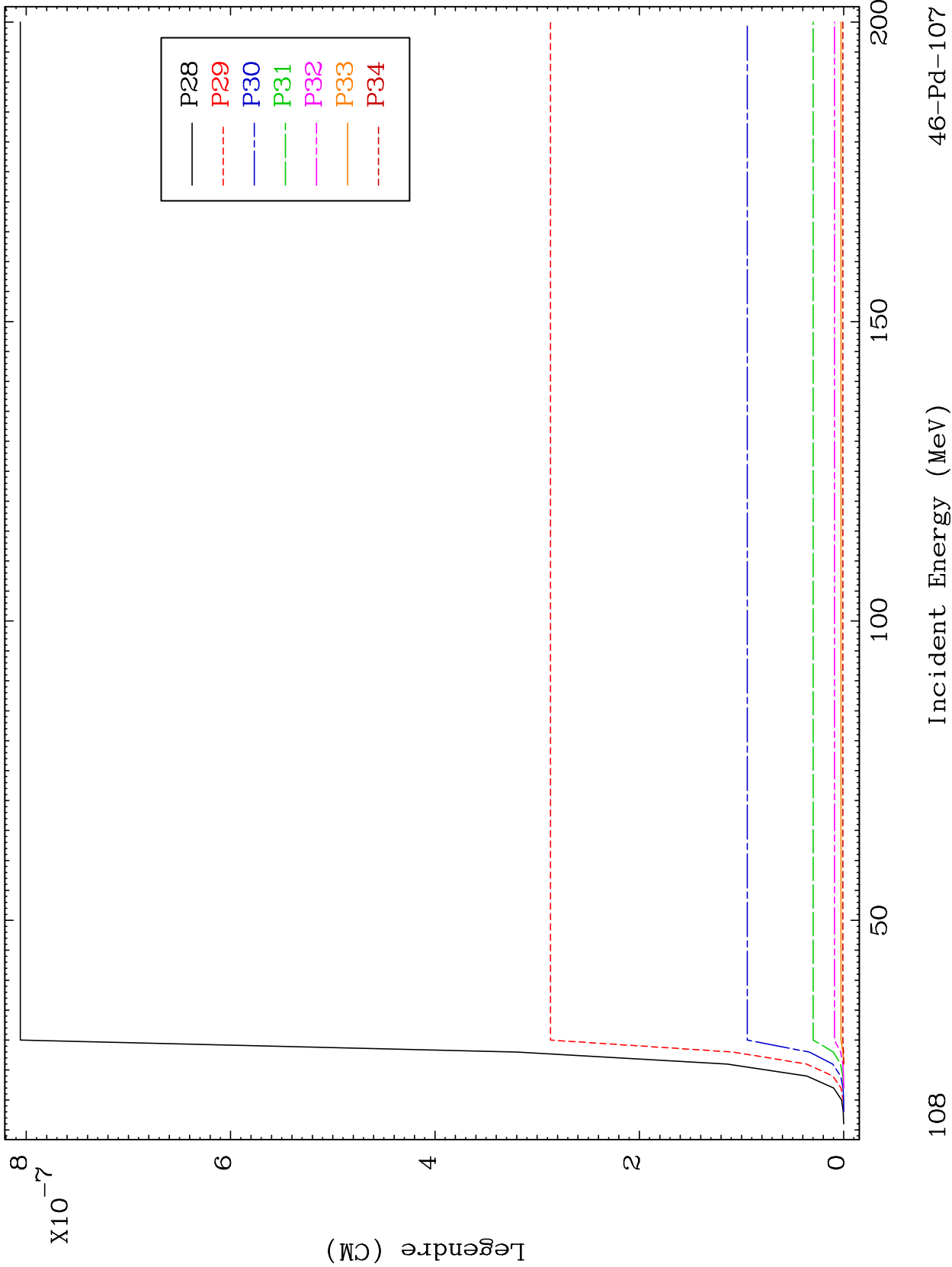
105



MAT 4640

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

46-Pd-107



108

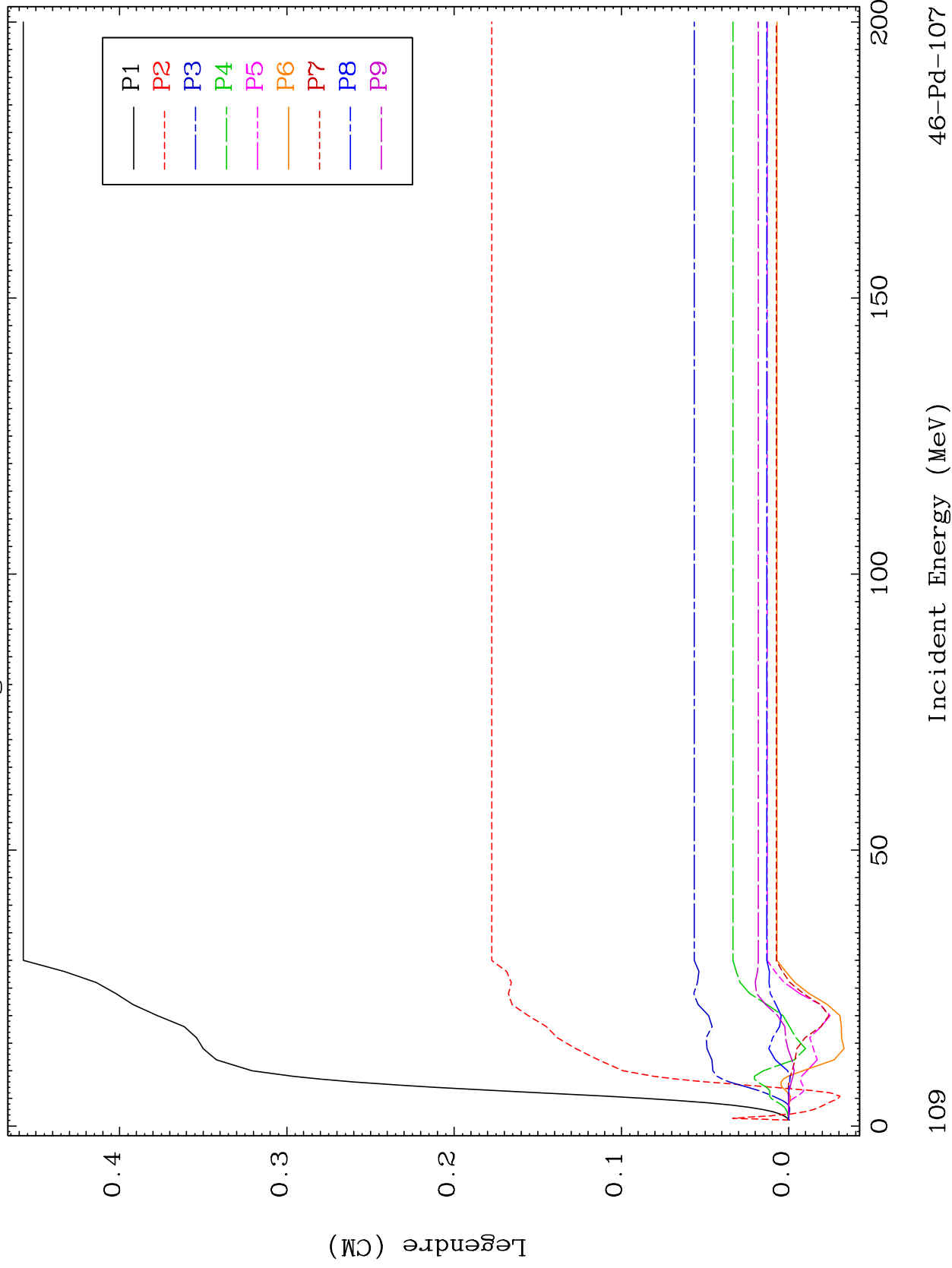
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

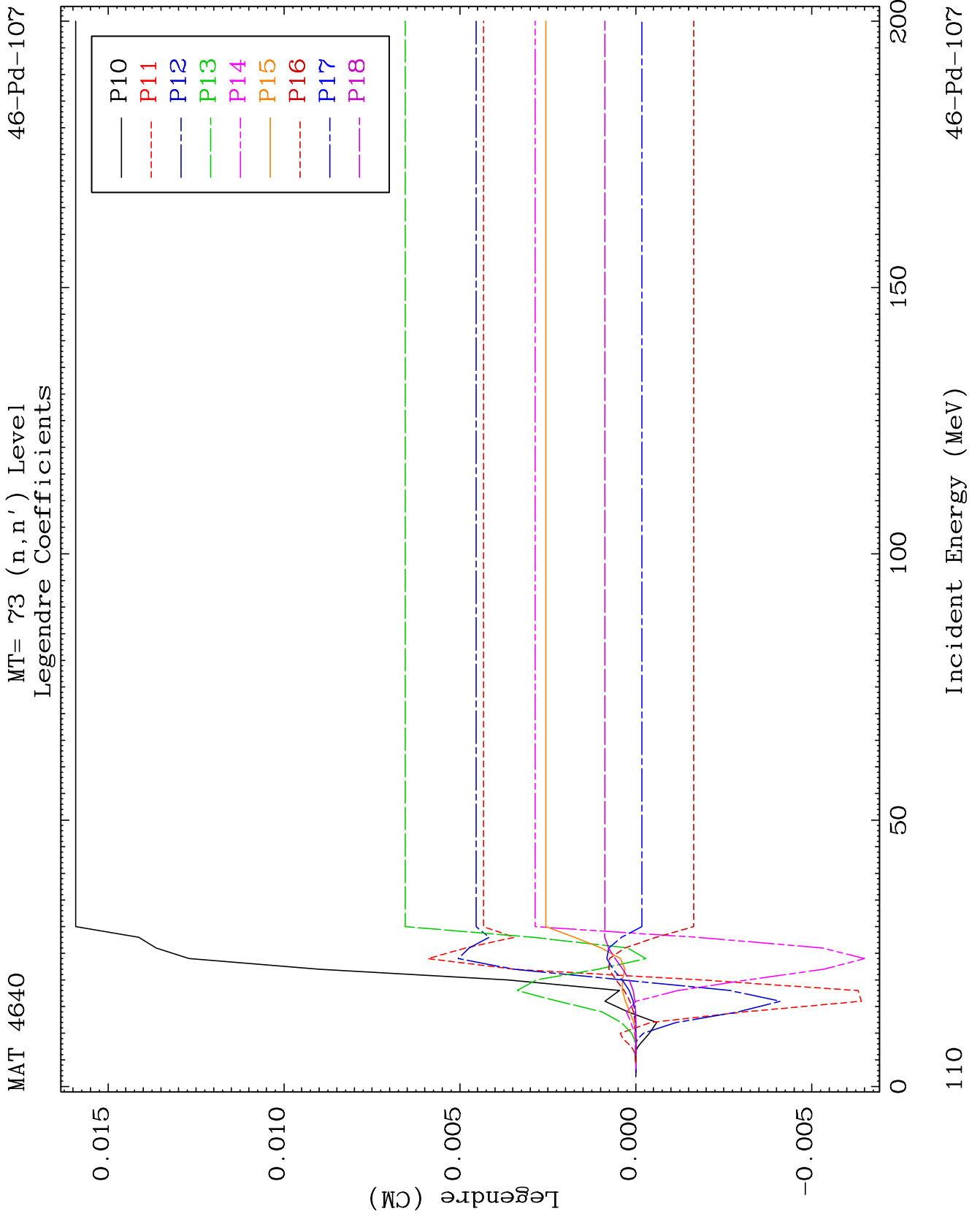
46-Pd-107



46-Pd-107

Incident Energy (MeV)

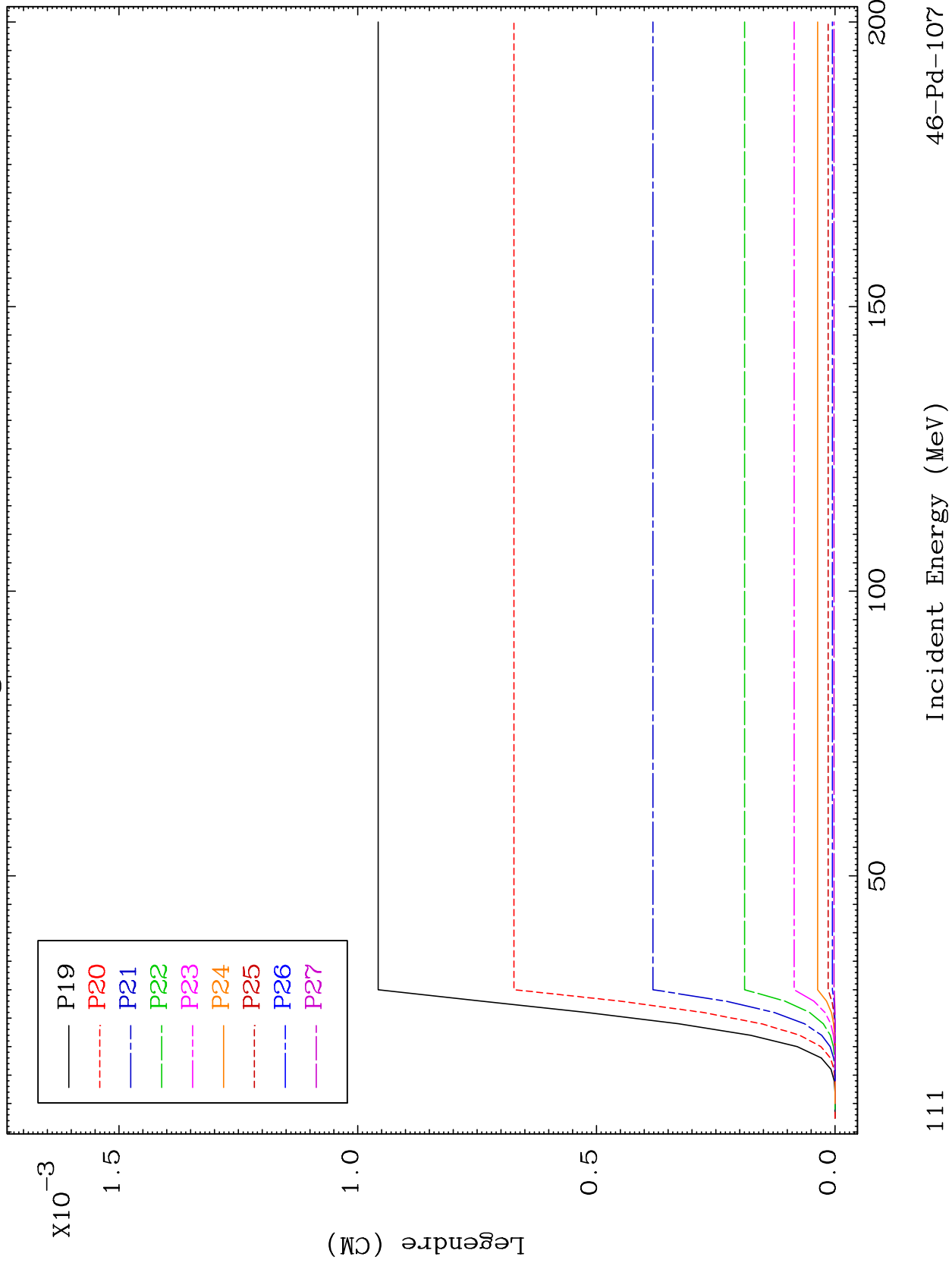
109



MAT 4640

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

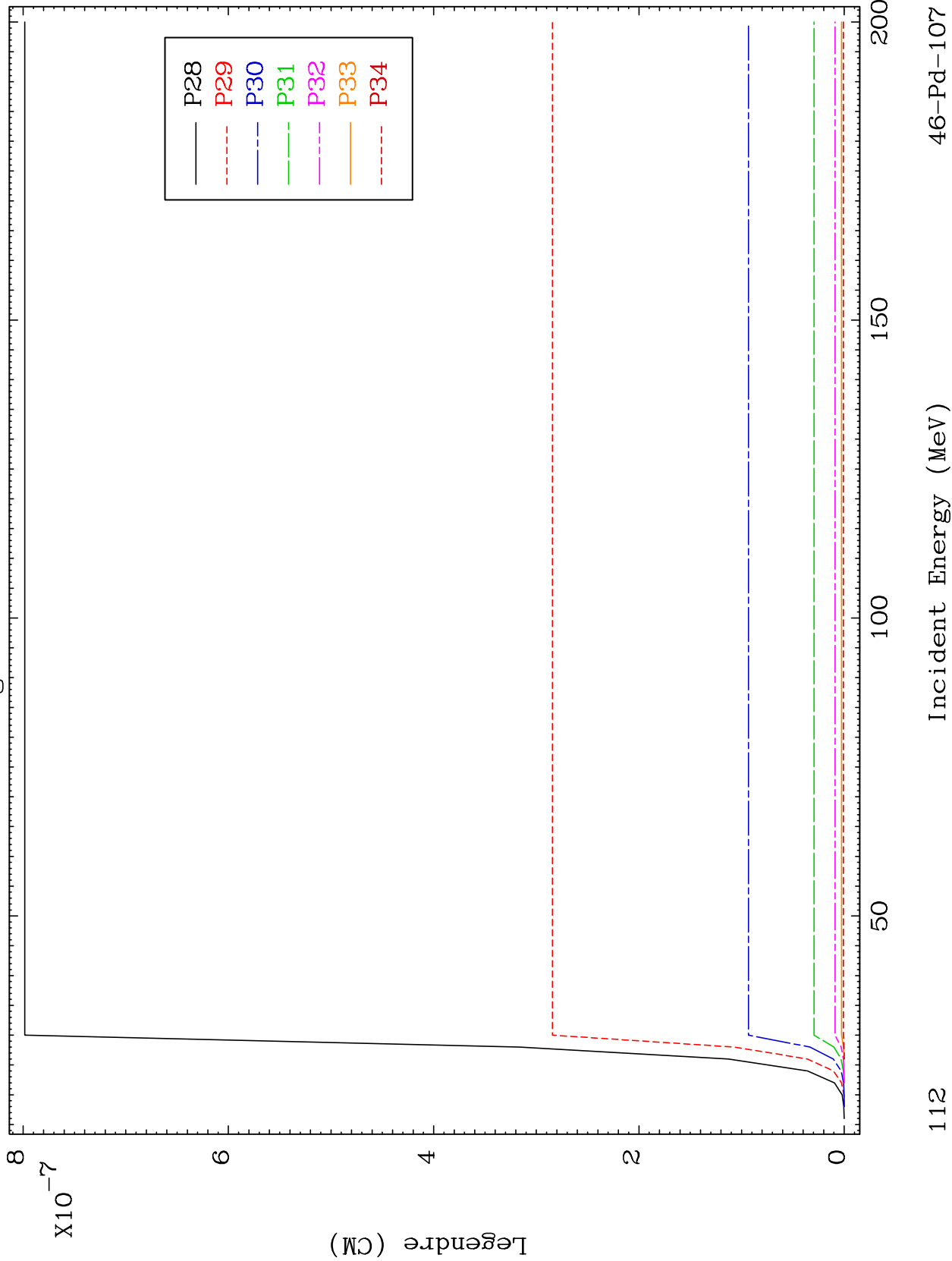
46-Pd-107



MAT 4640

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

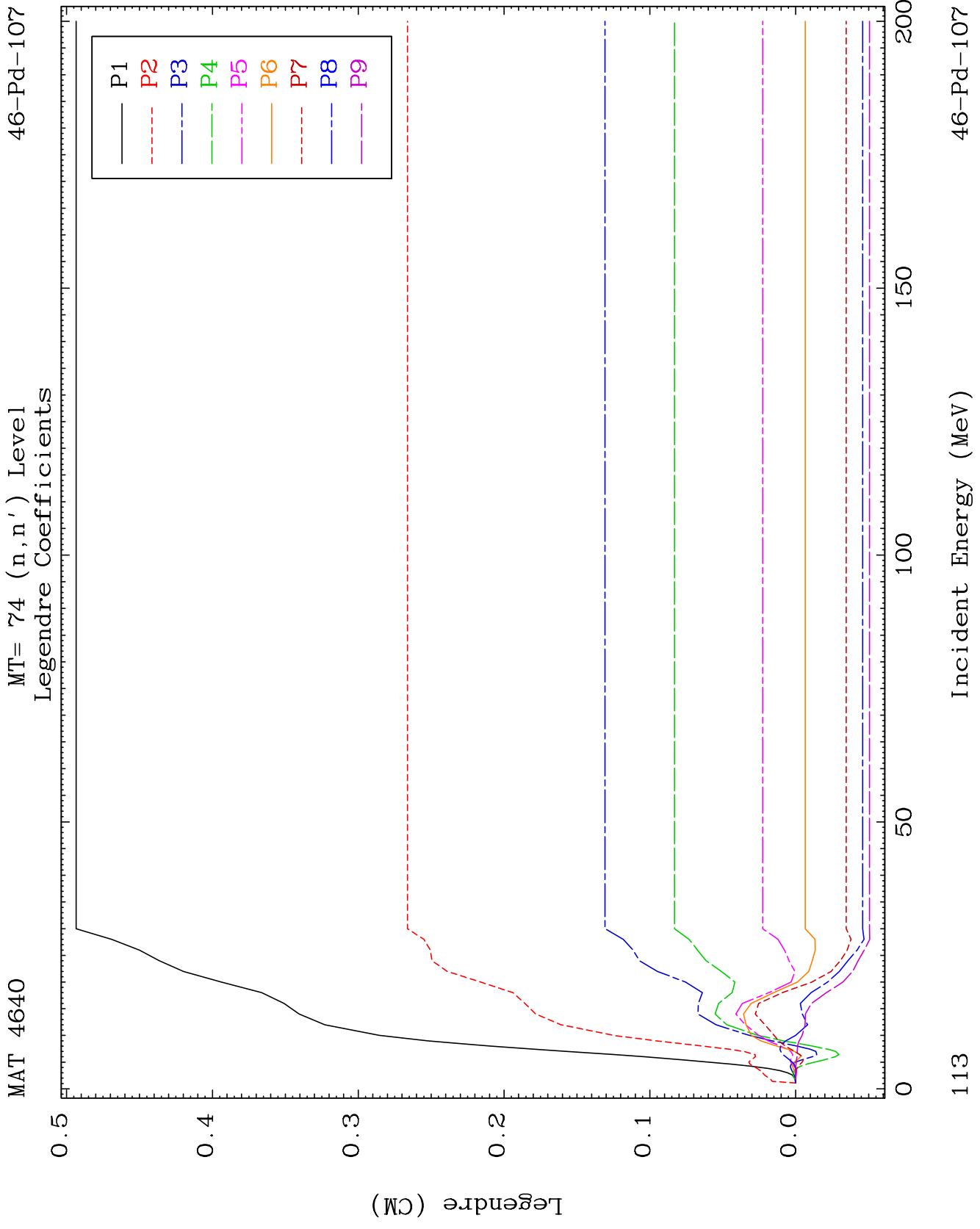
46-Pd-107



112

Incident Energy (MeV)

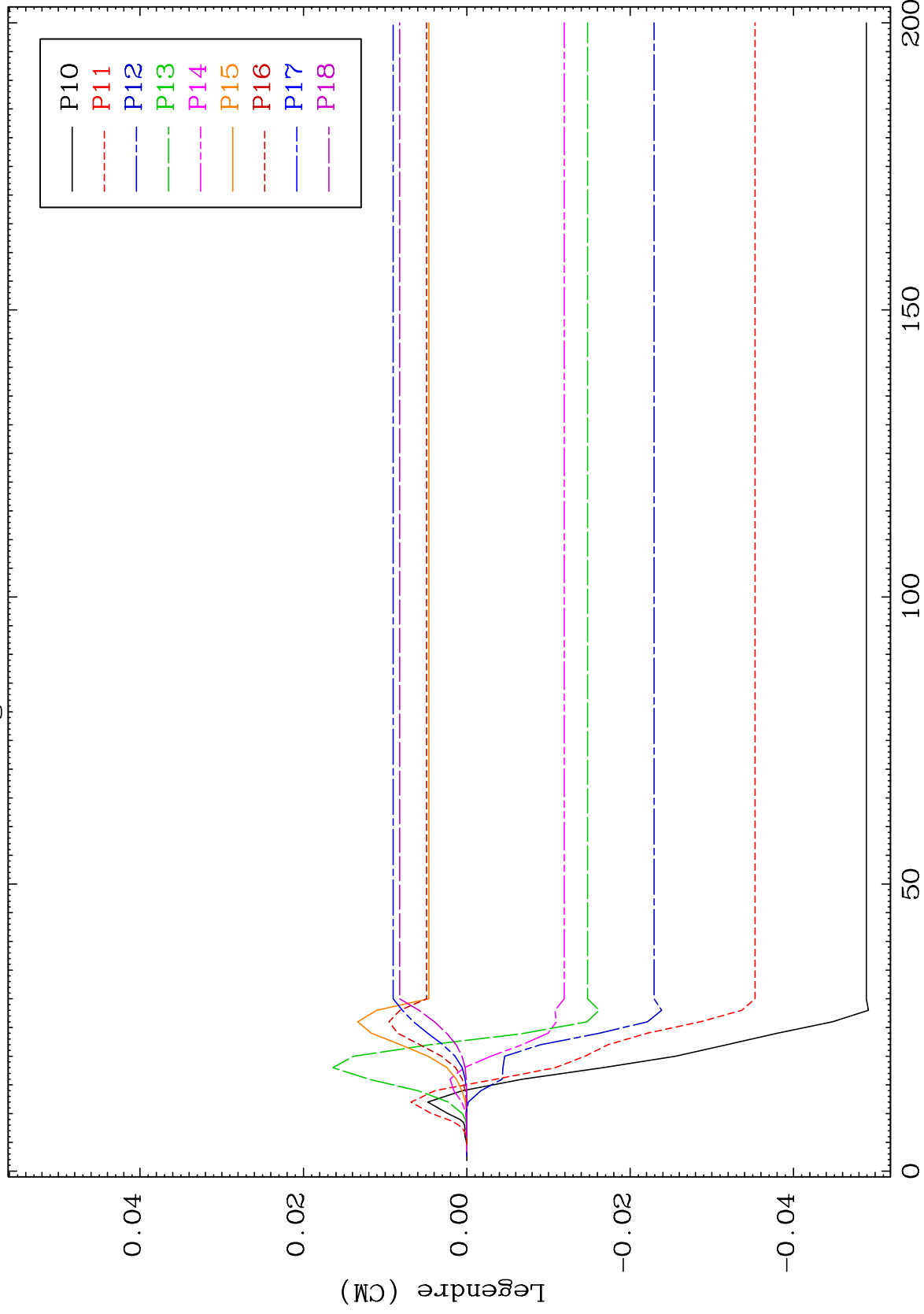
46-Pd-107



MAT 4640

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

46-Pd-107



114

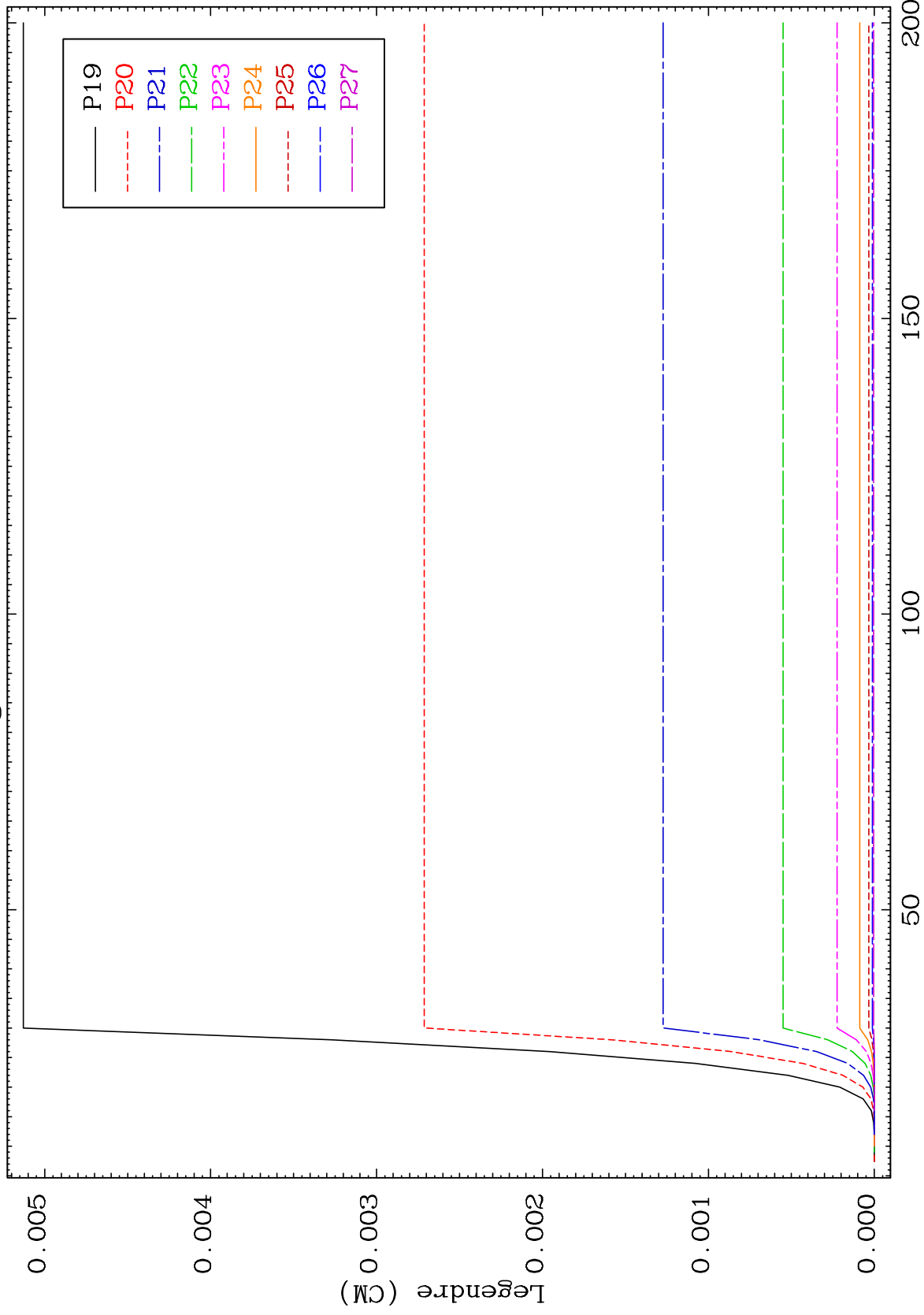
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

46-Pd-107



115

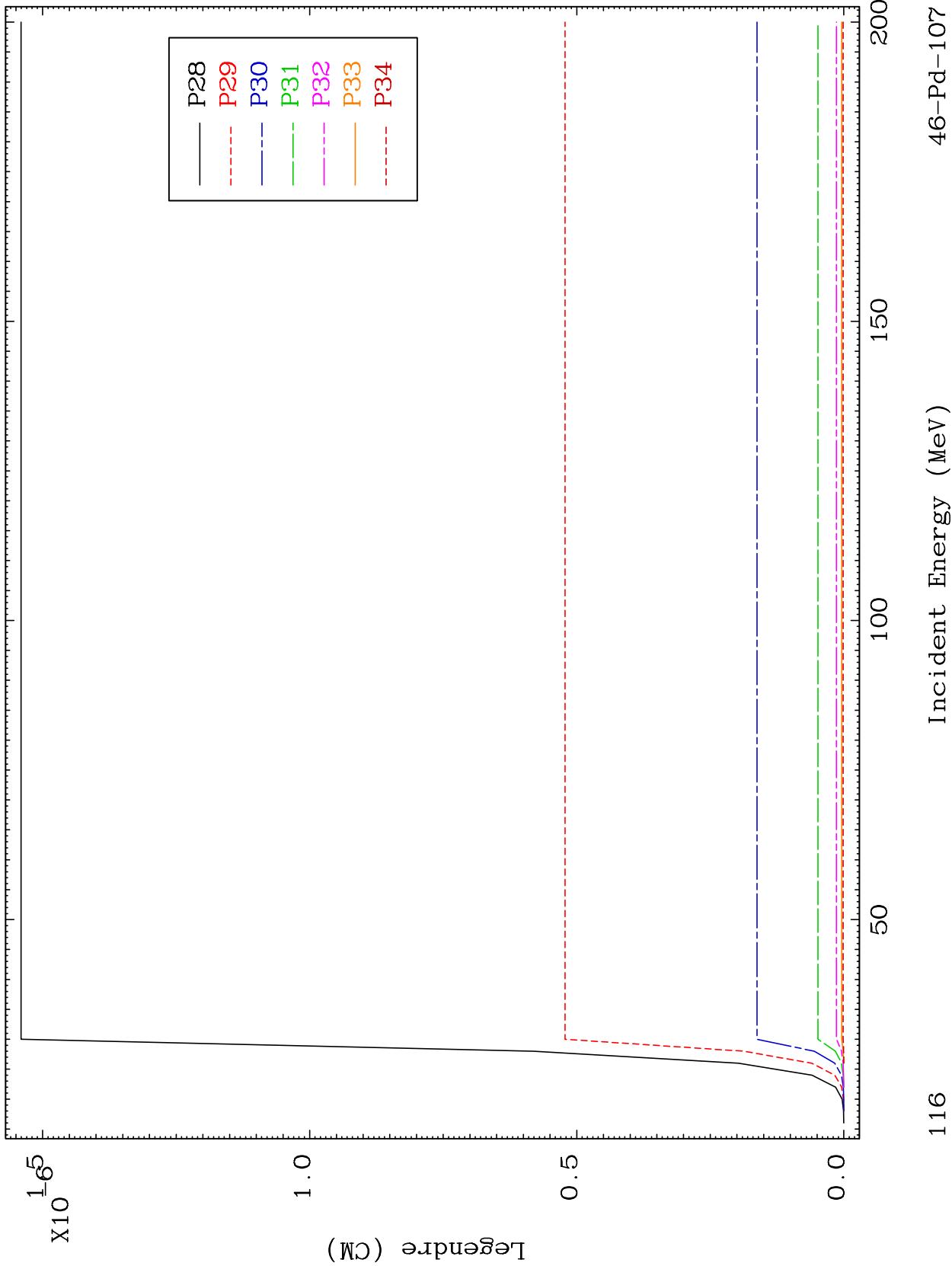
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

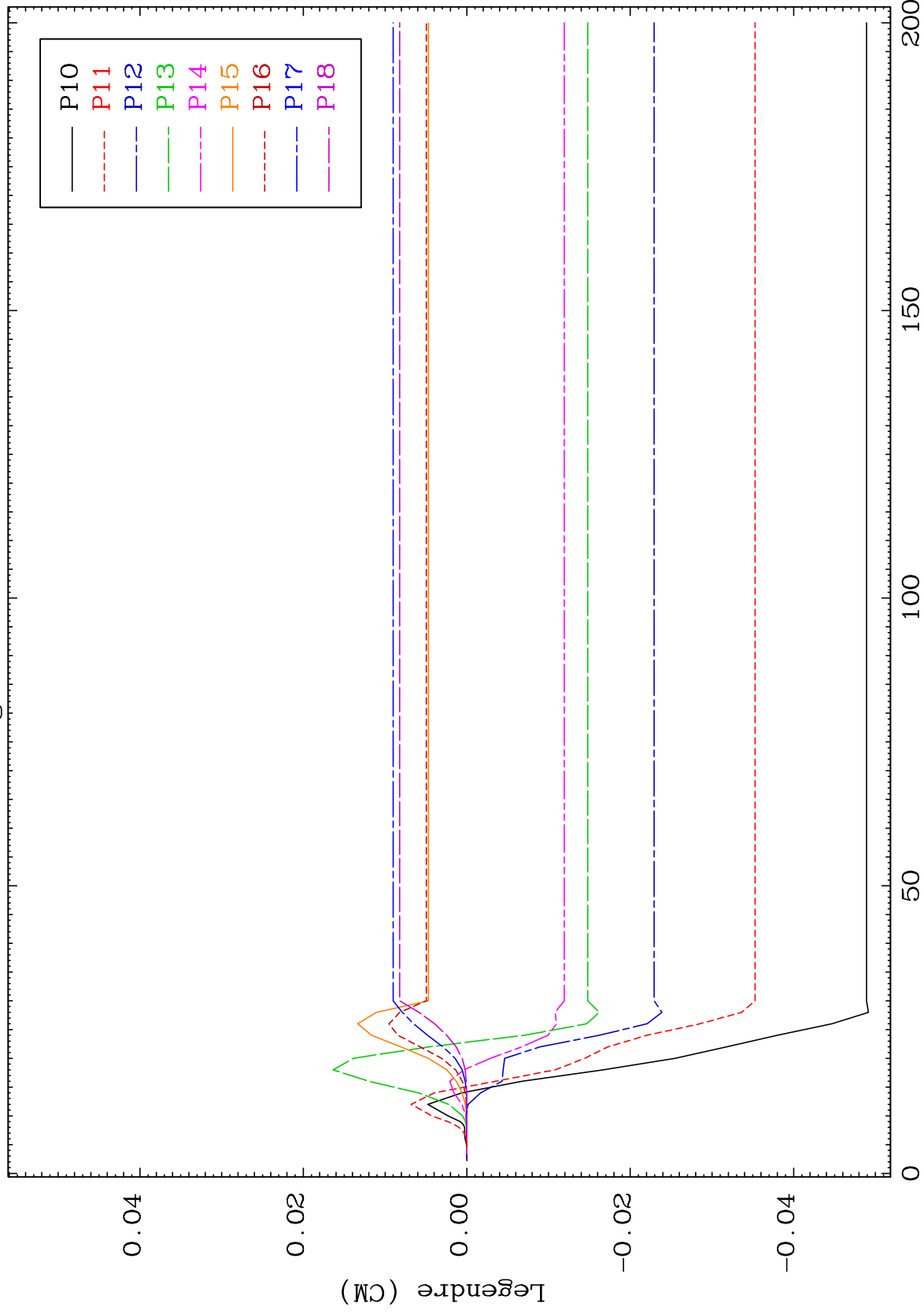
46-Pd-107



MAT 4640

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

46-Pd-107



118

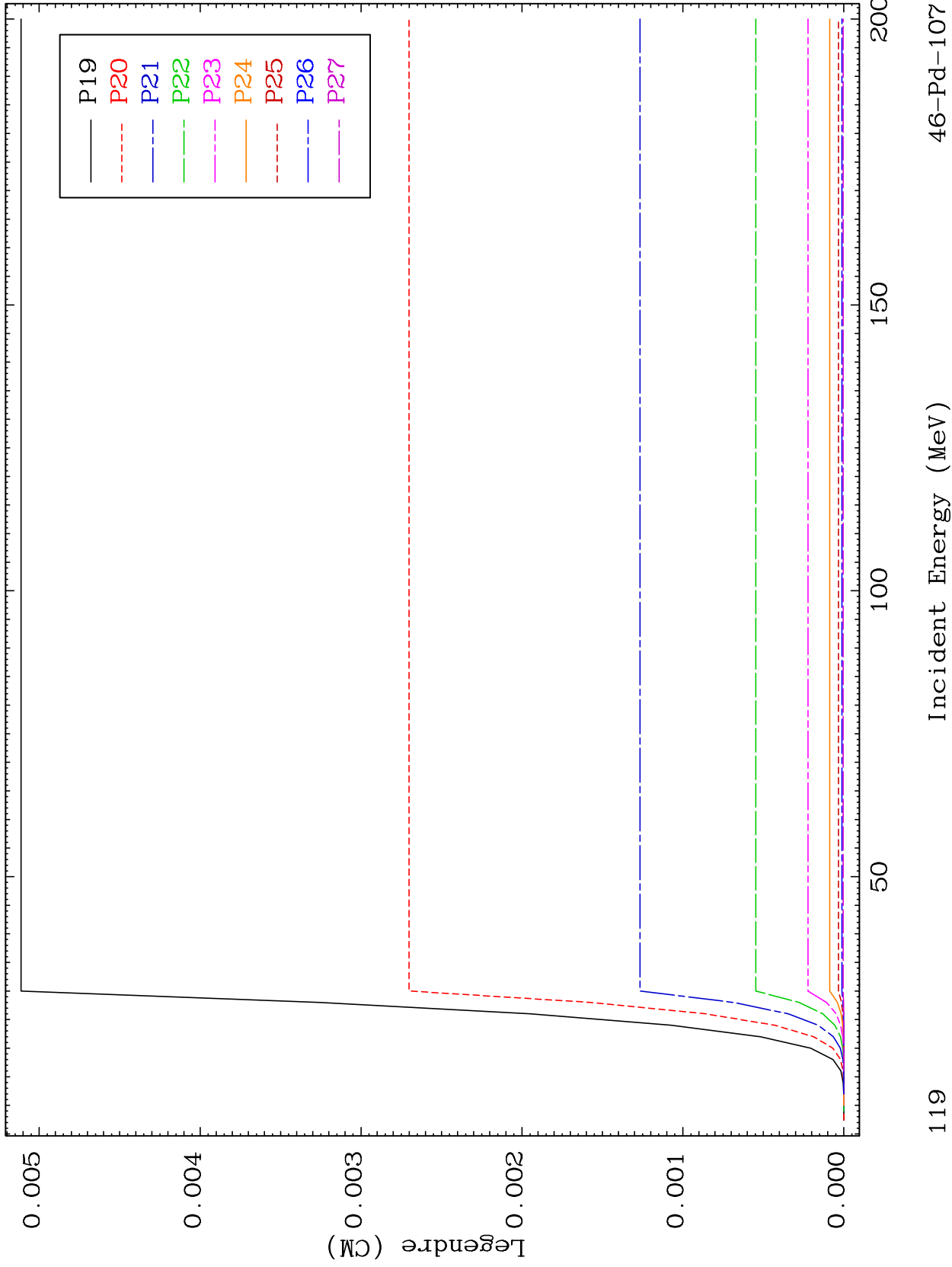
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

46-Pd-107



119

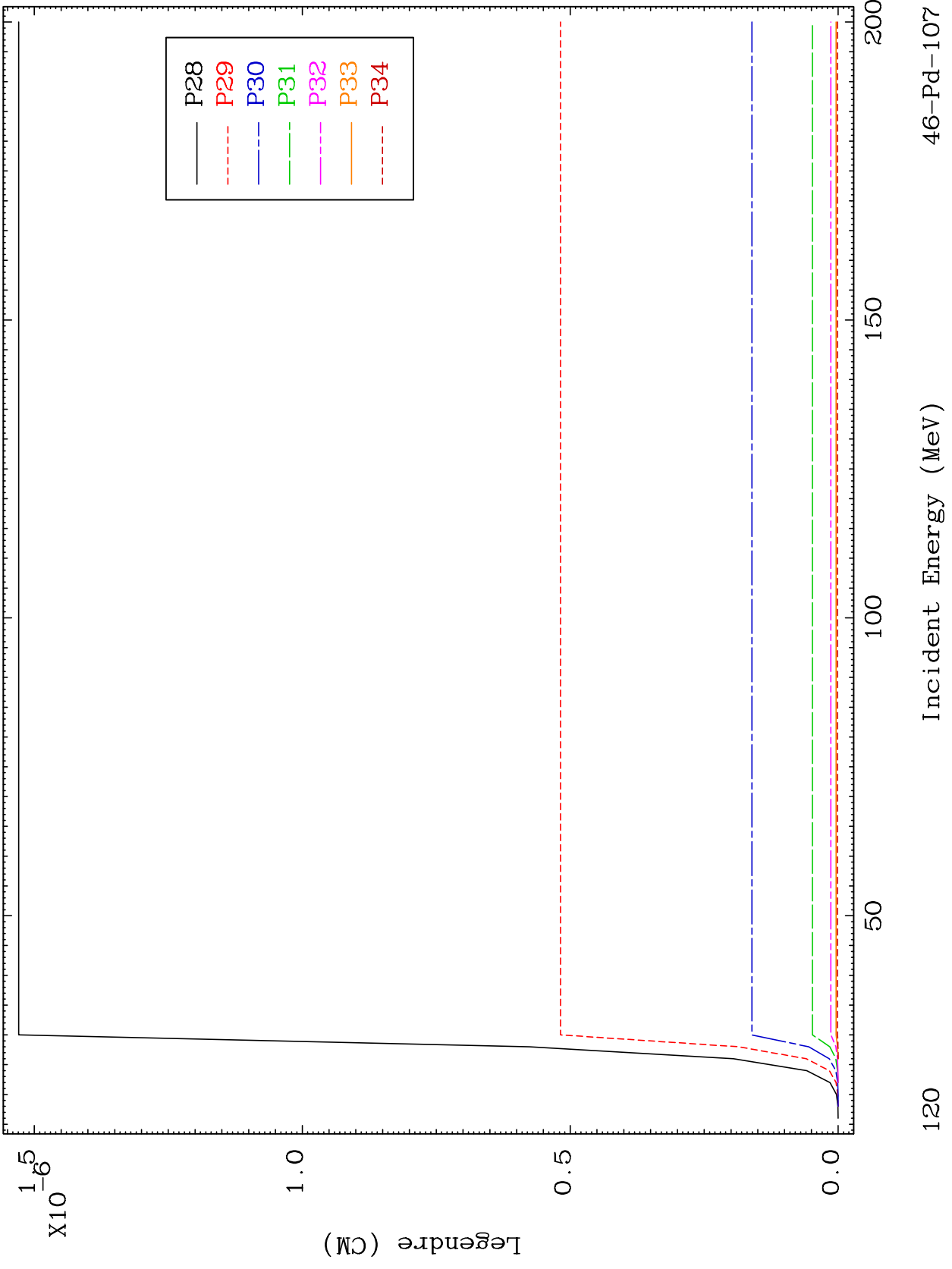
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

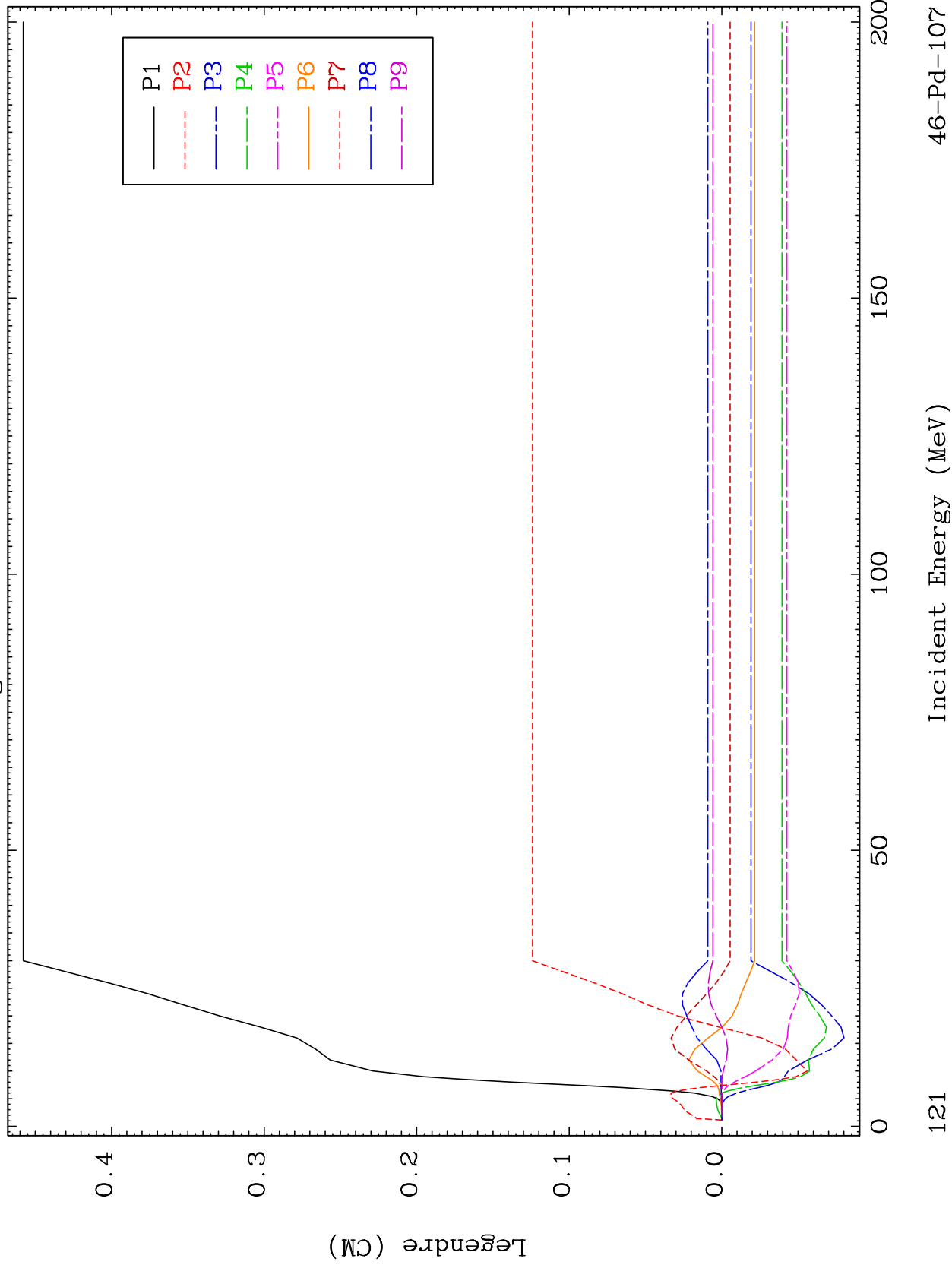
46-Pd-107



MAT 4640

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

46-Pd-107



46-Pd-107

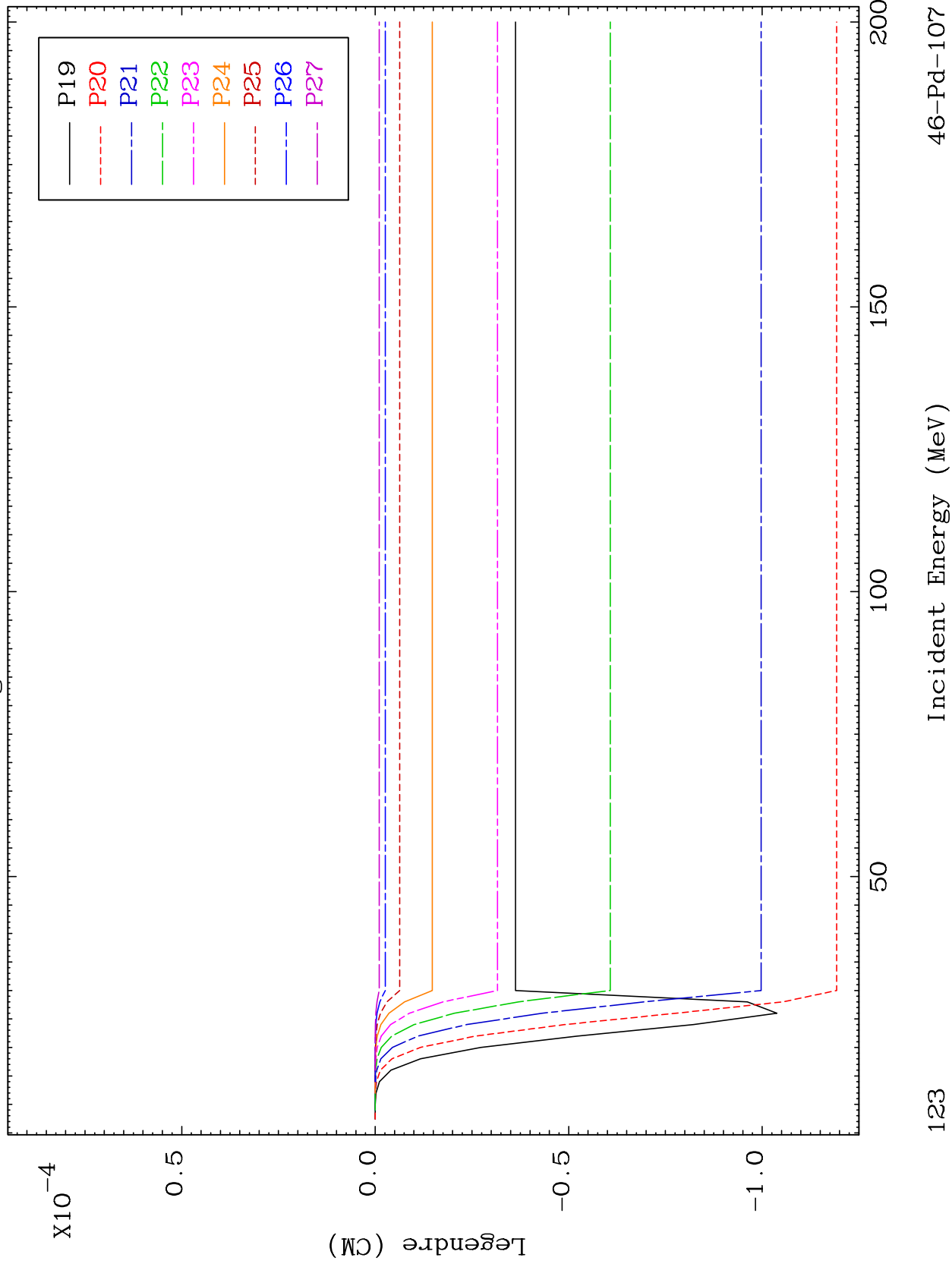
Incident Energy (MeV)

121

MAT 4640

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

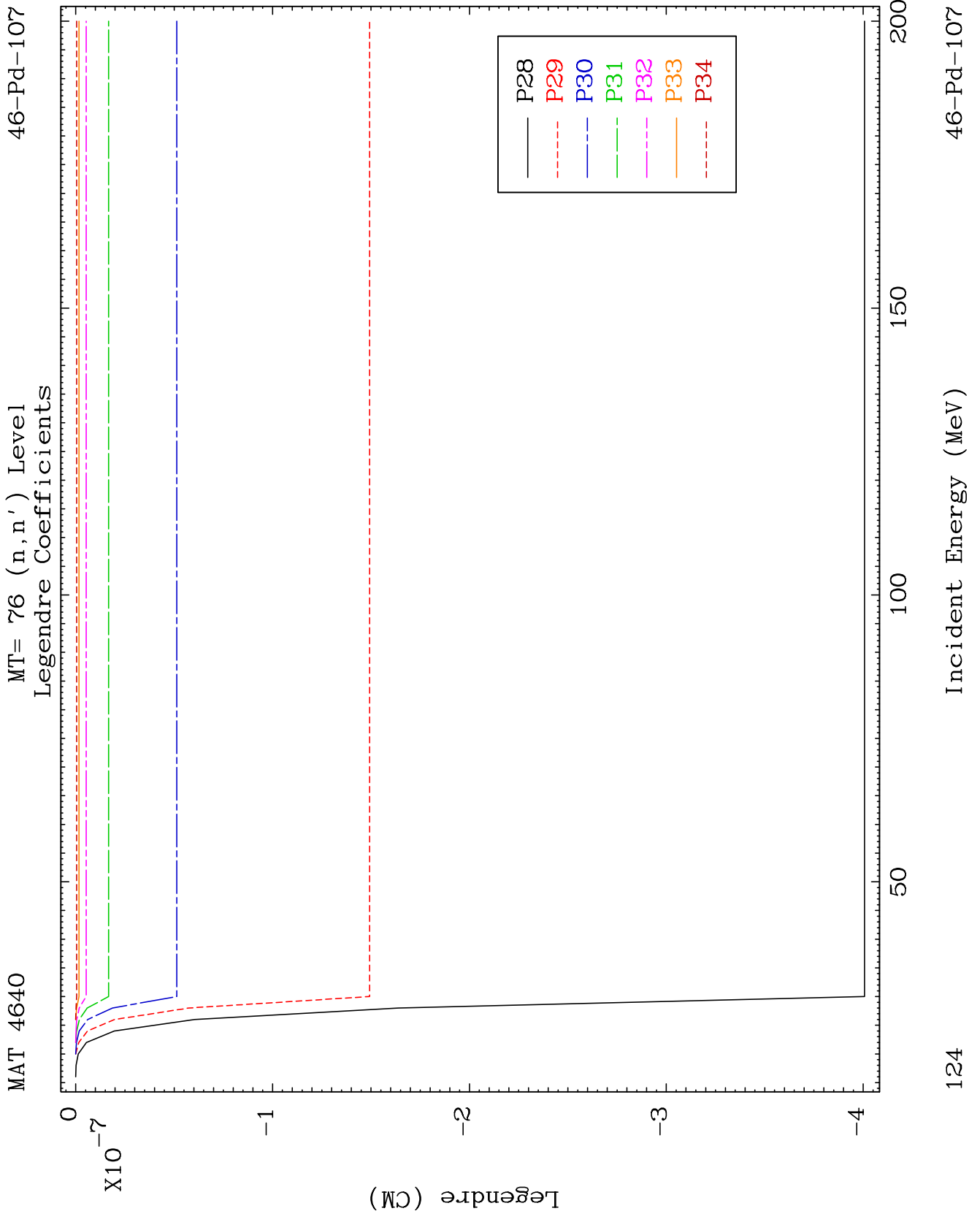
46-Pd-107



123

Incident Energy (MeV)

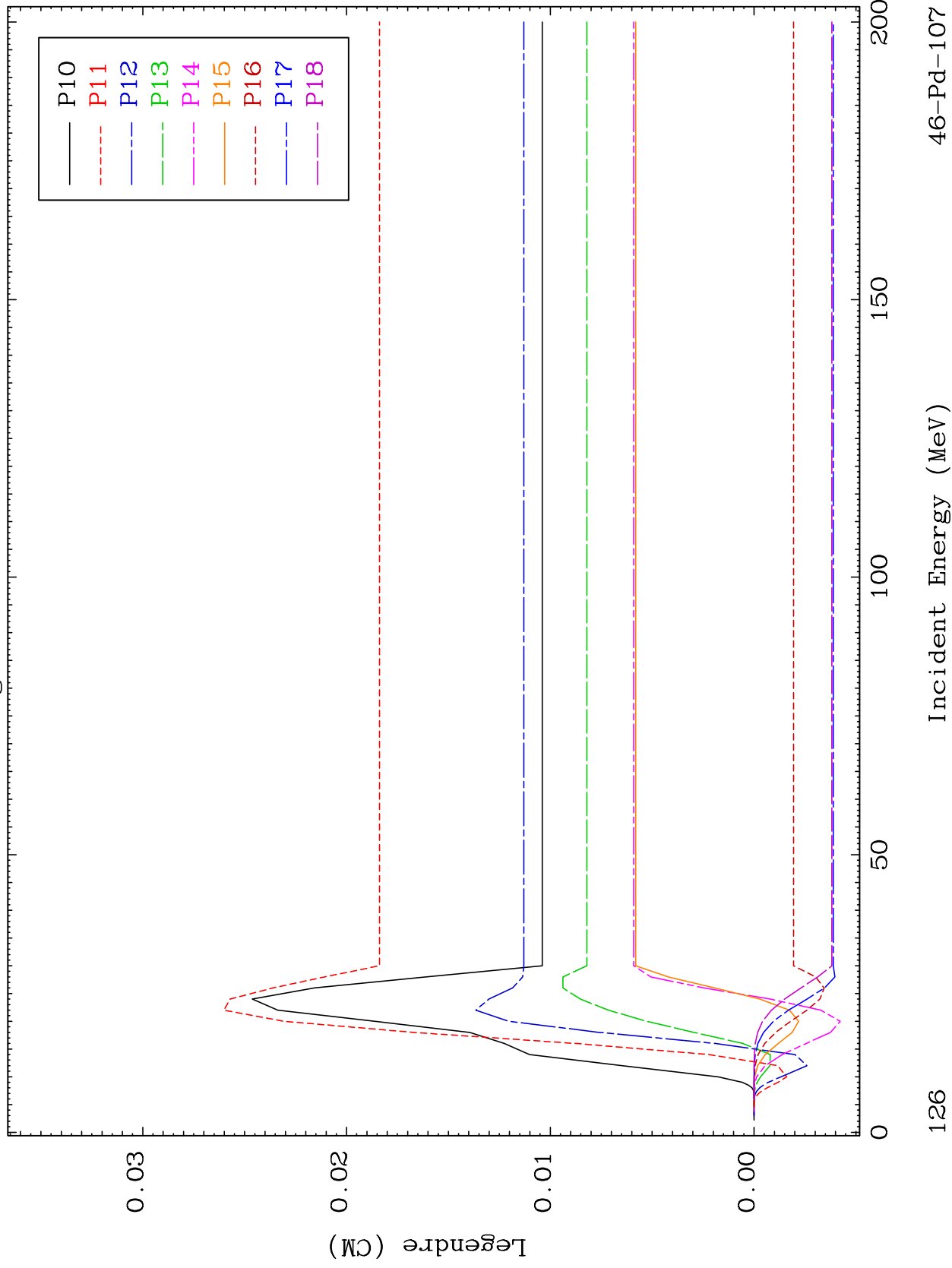
46-Pd-107



MAT 4640

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

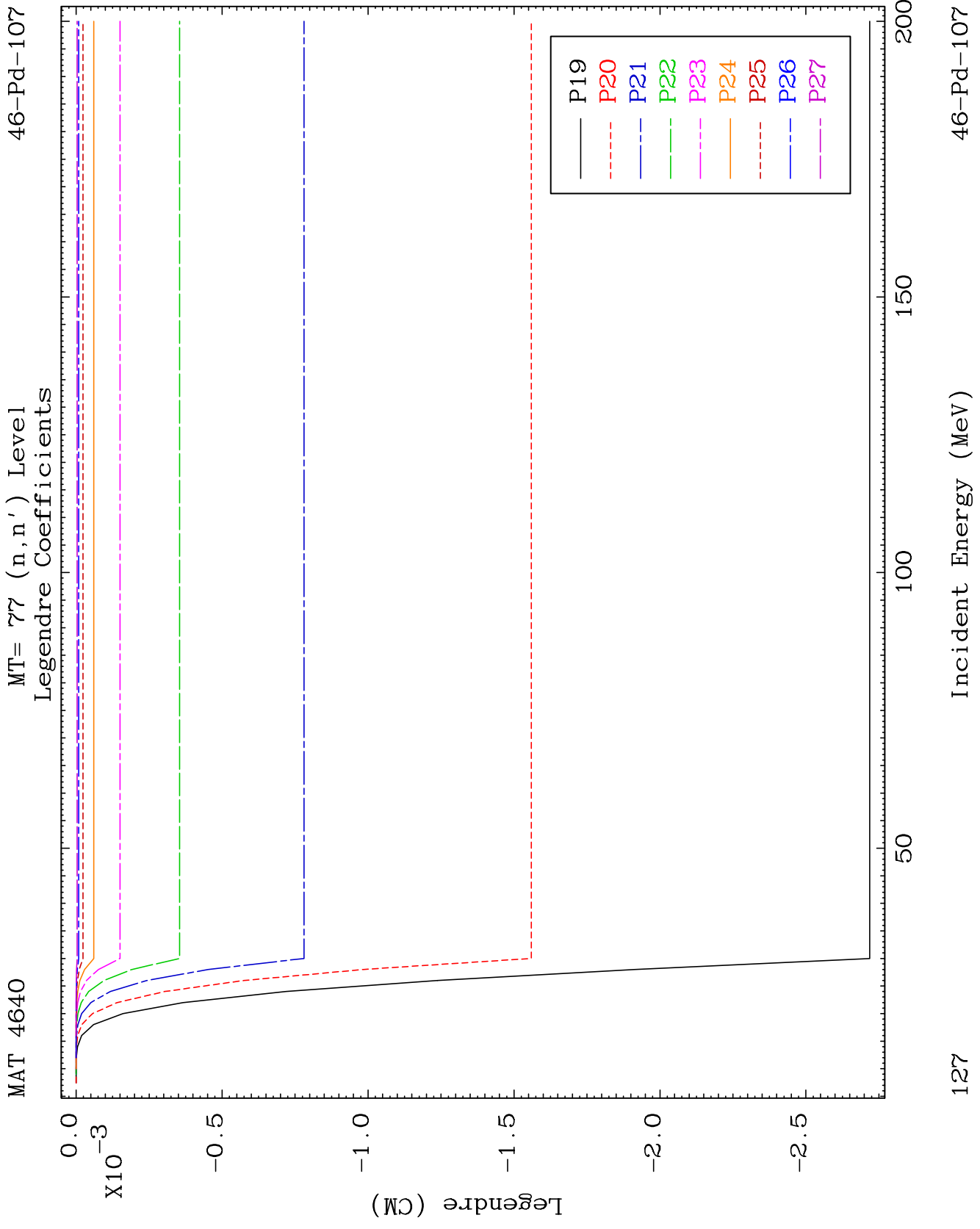
46-Pd-107

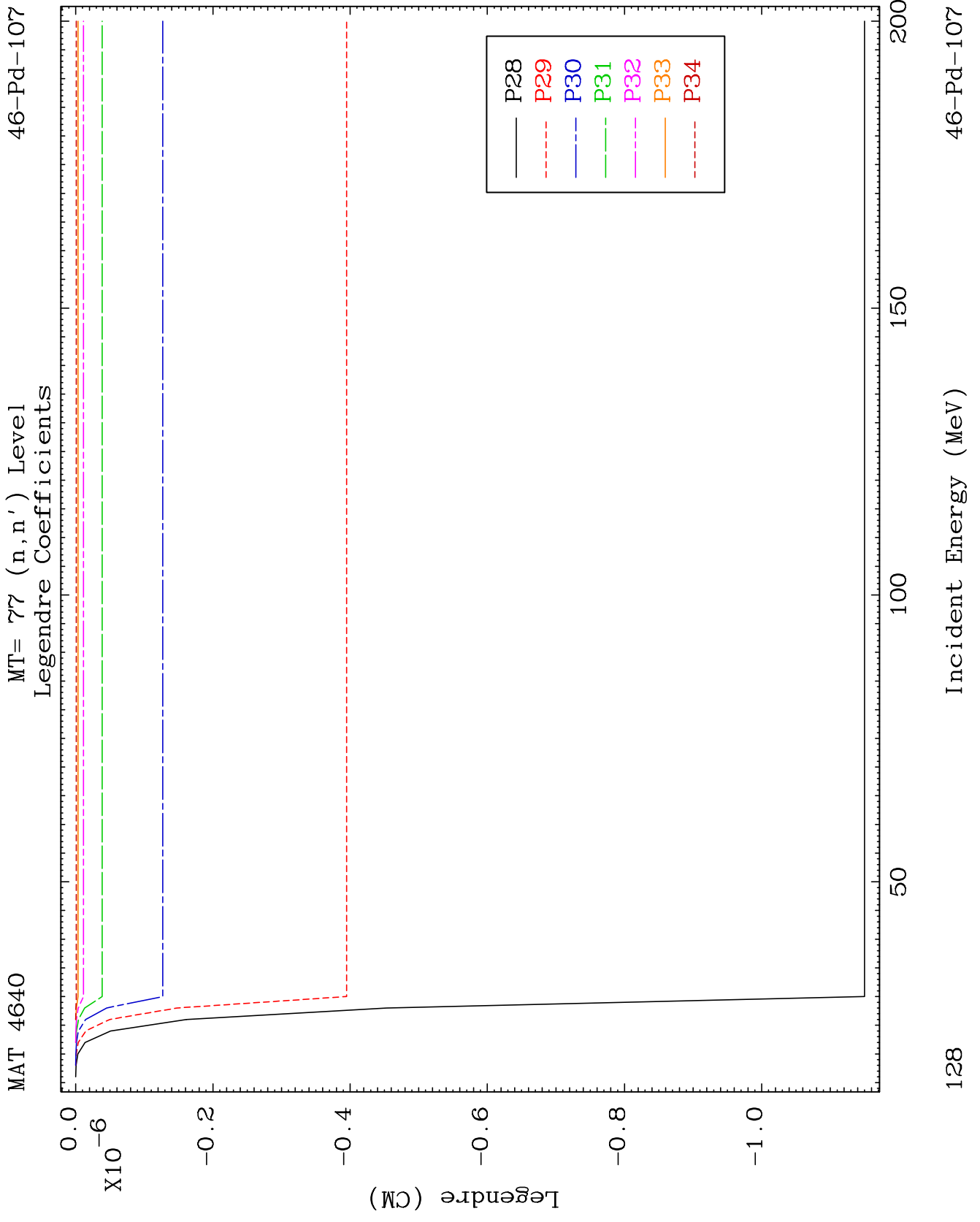


46-Pd-107

Incident Energy (MeV)

126

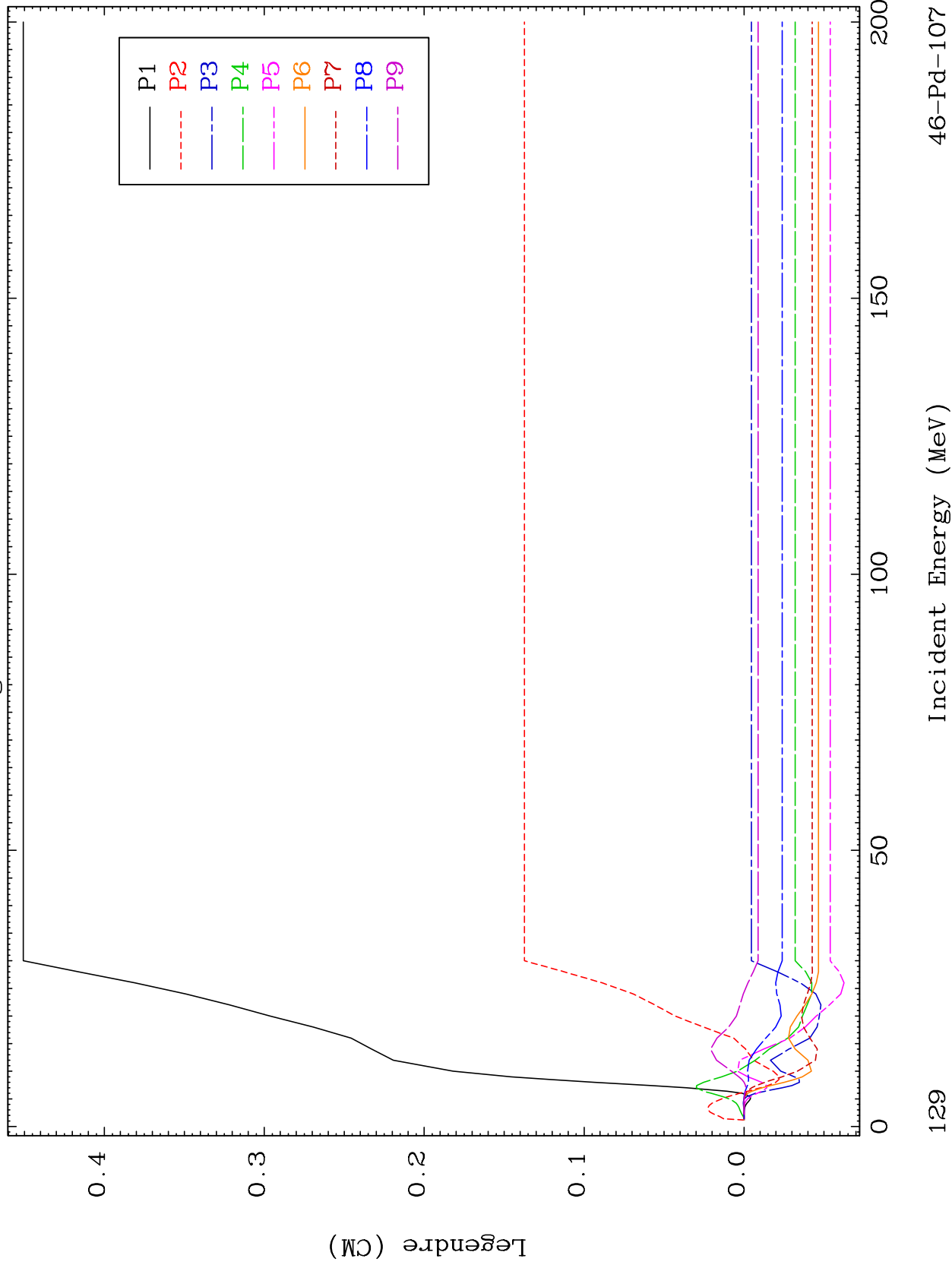




MAT 4640

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

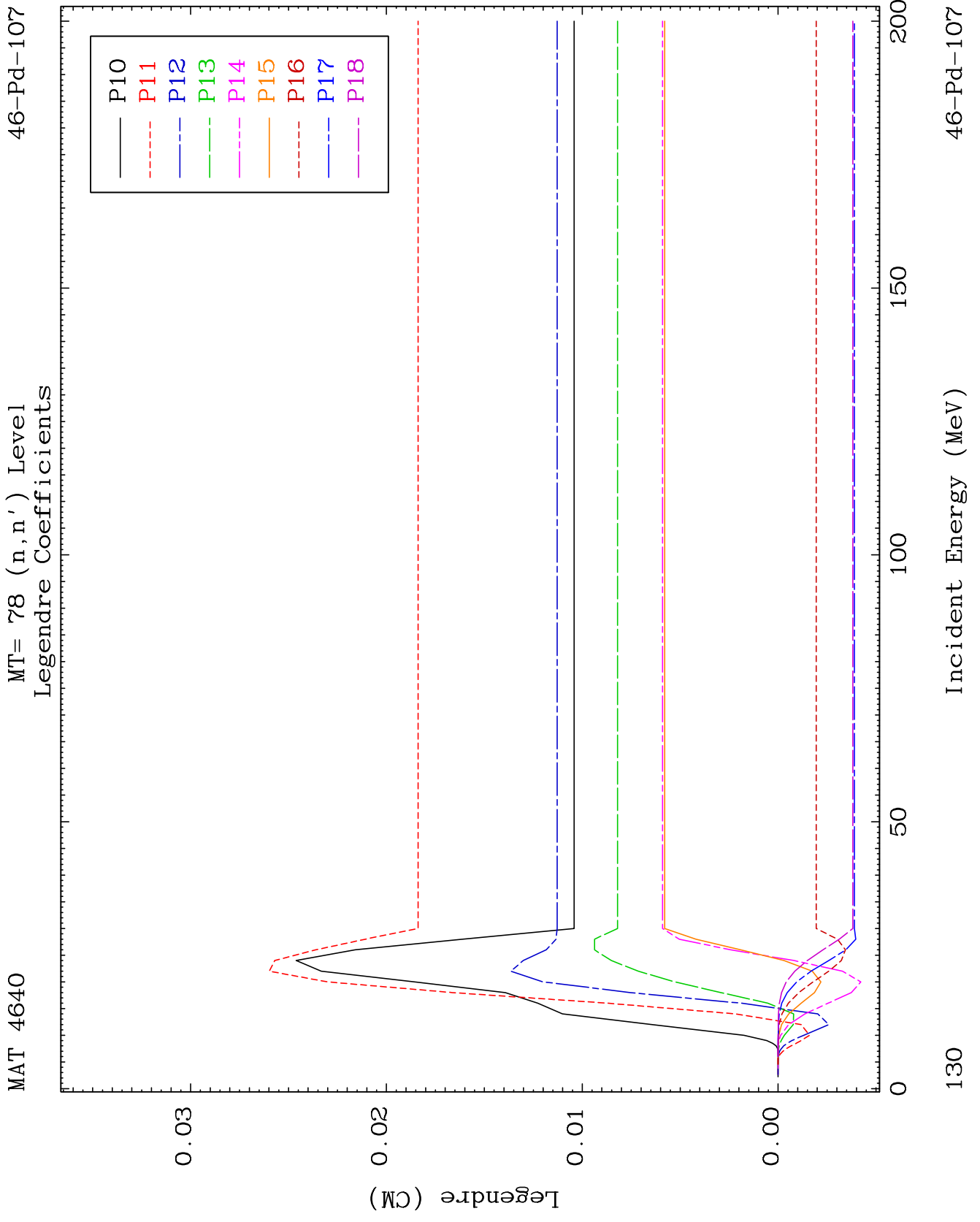
46-Pd-107

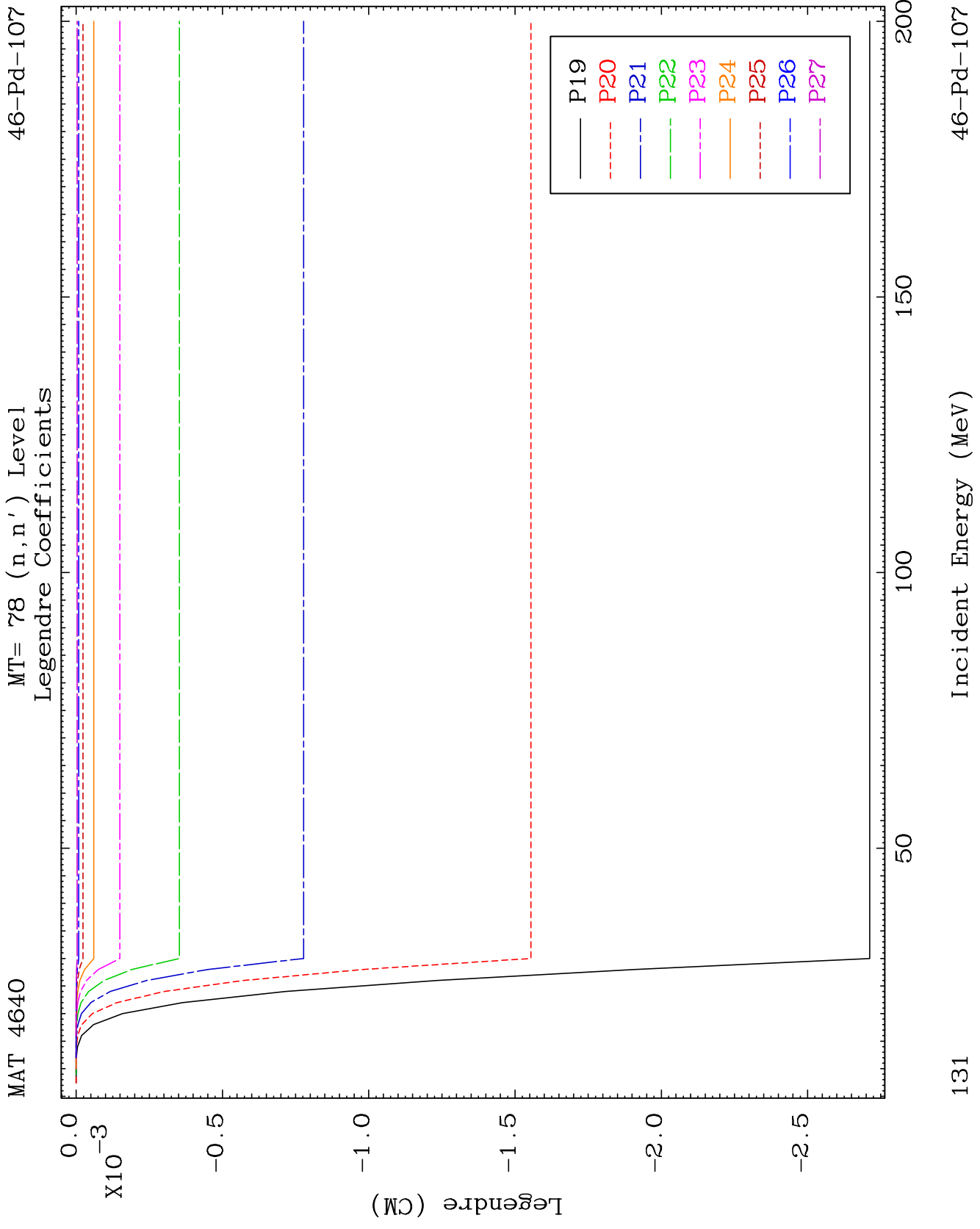


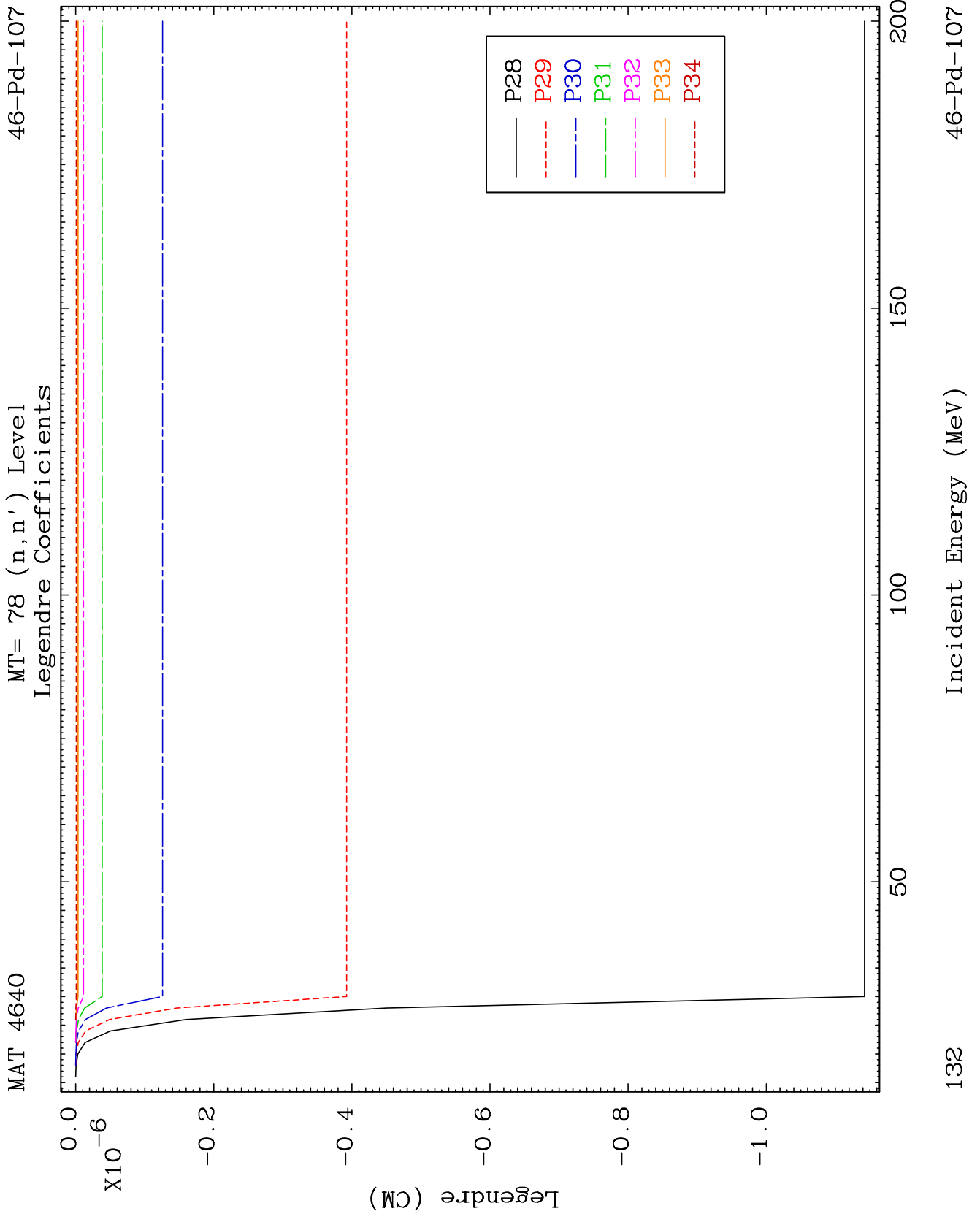
129

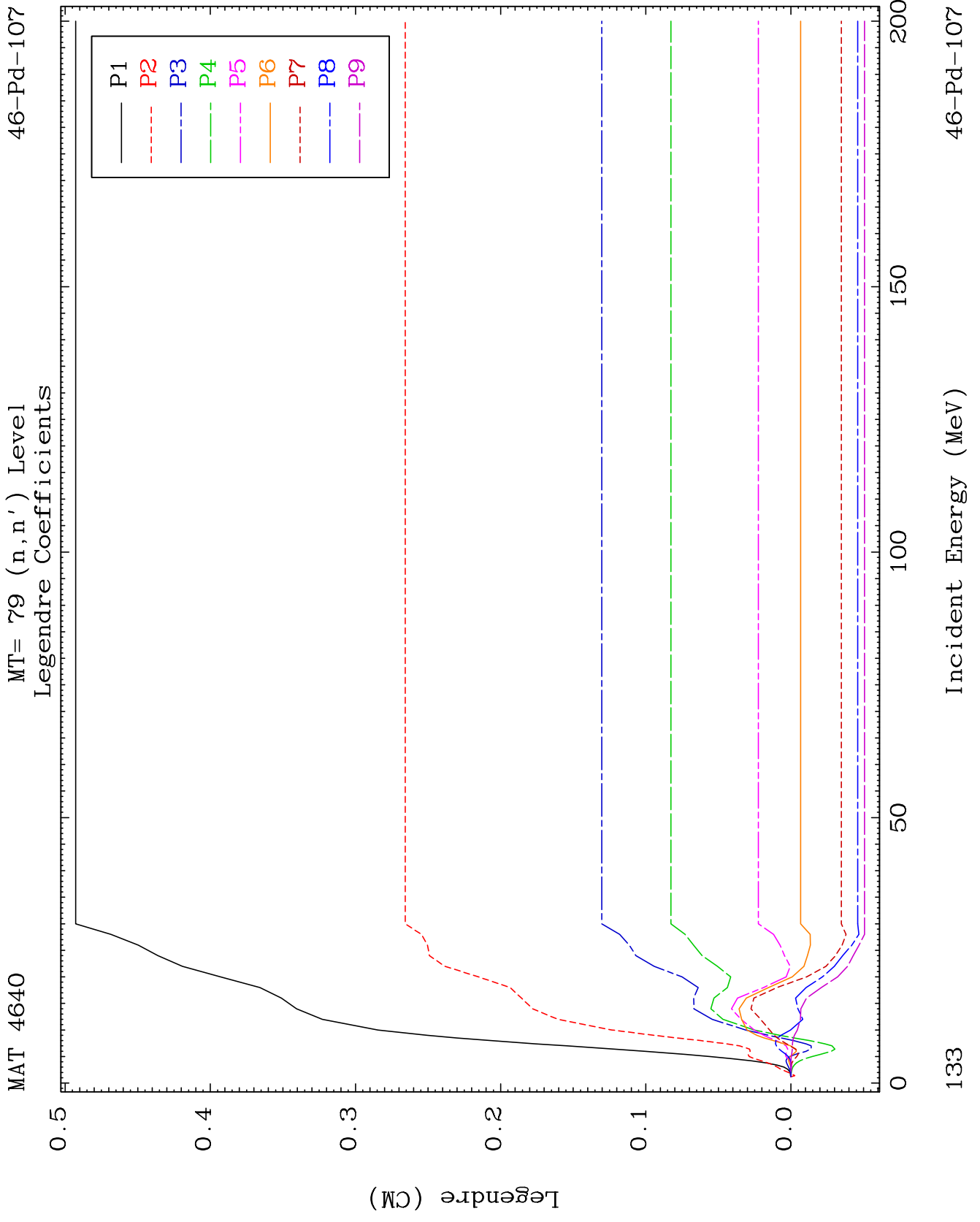
Incident Energy (MeV)

46-Pd-107





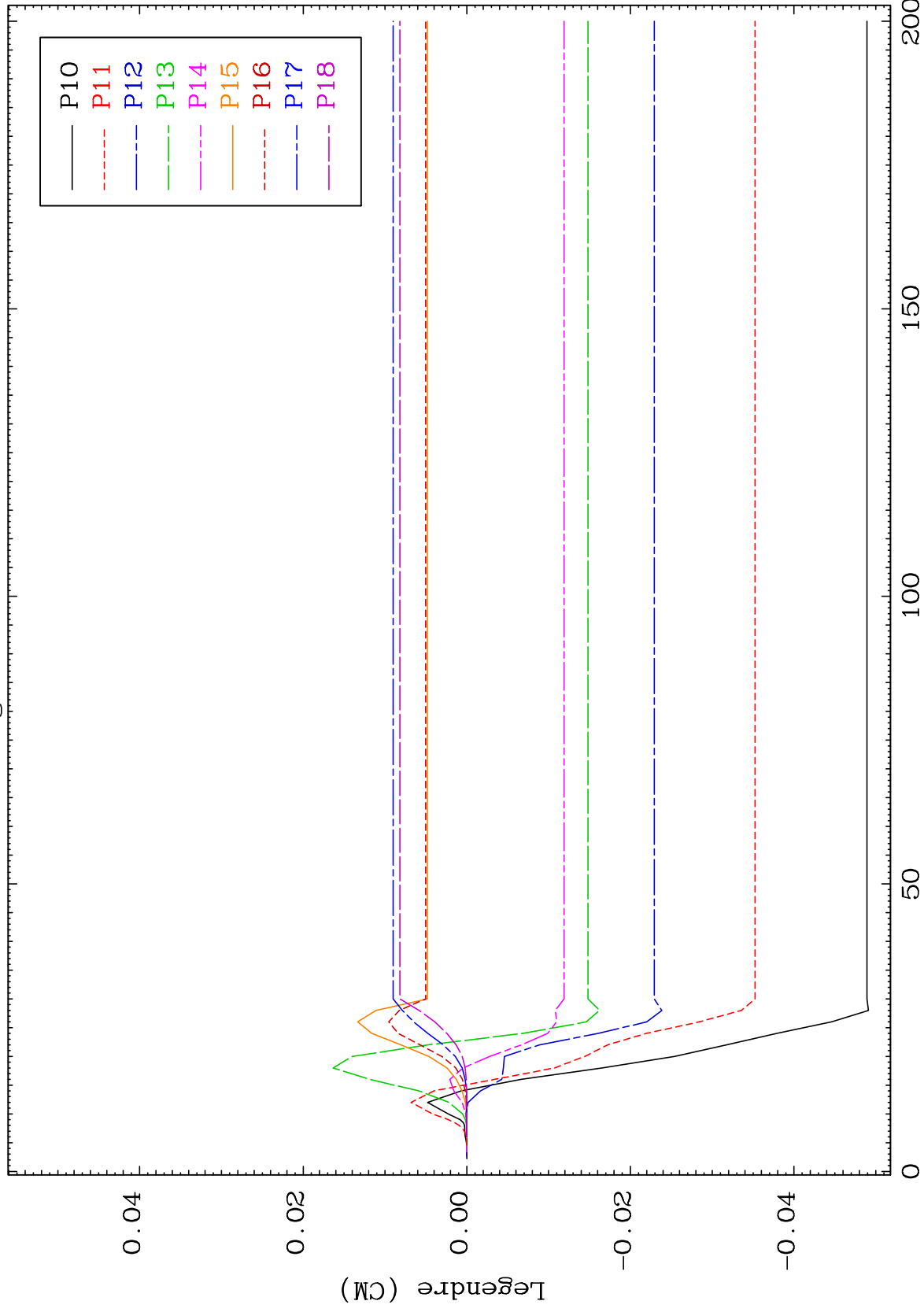




MAT 4640

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

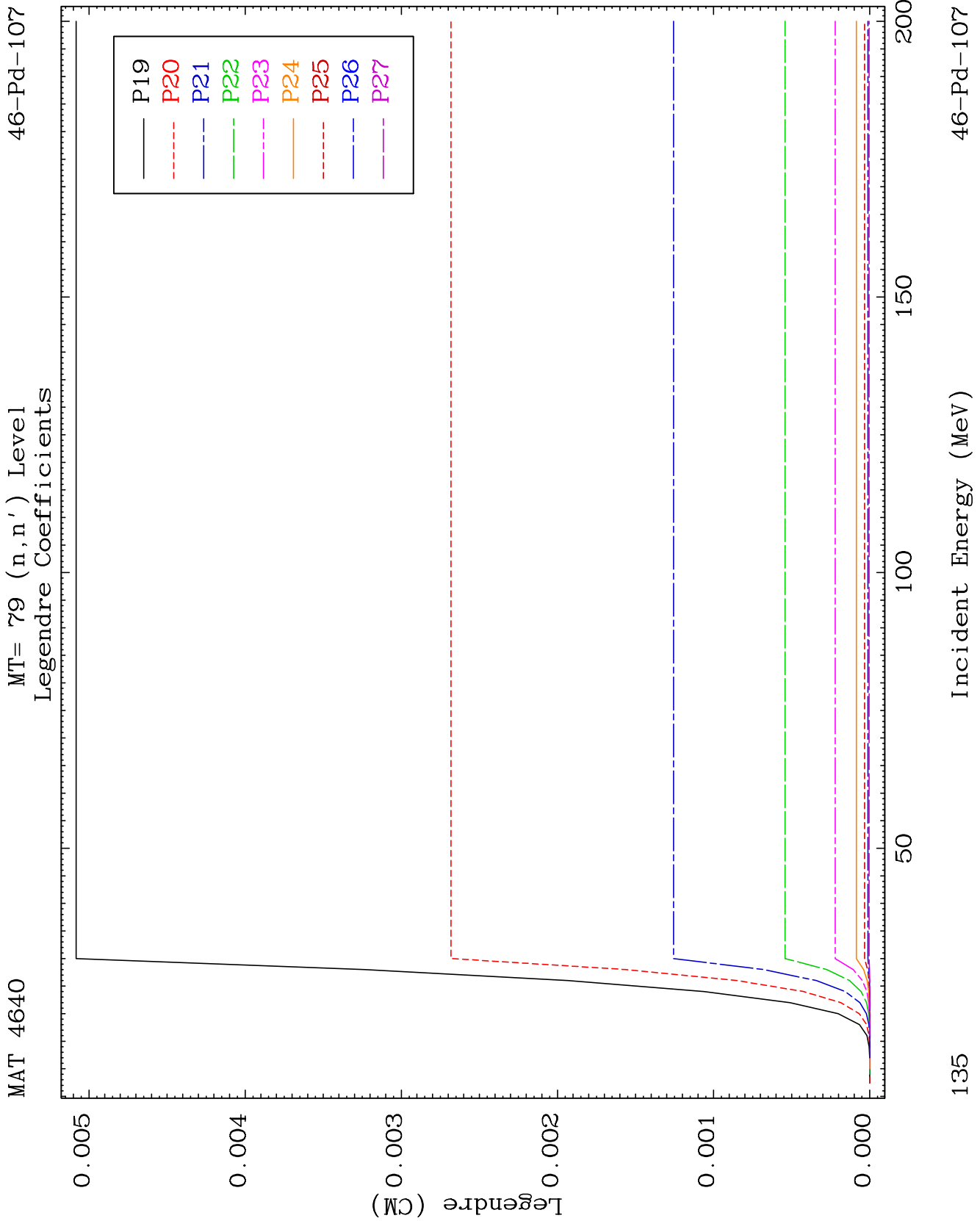
46-Pd-107



134

Incident Energy (MeV)

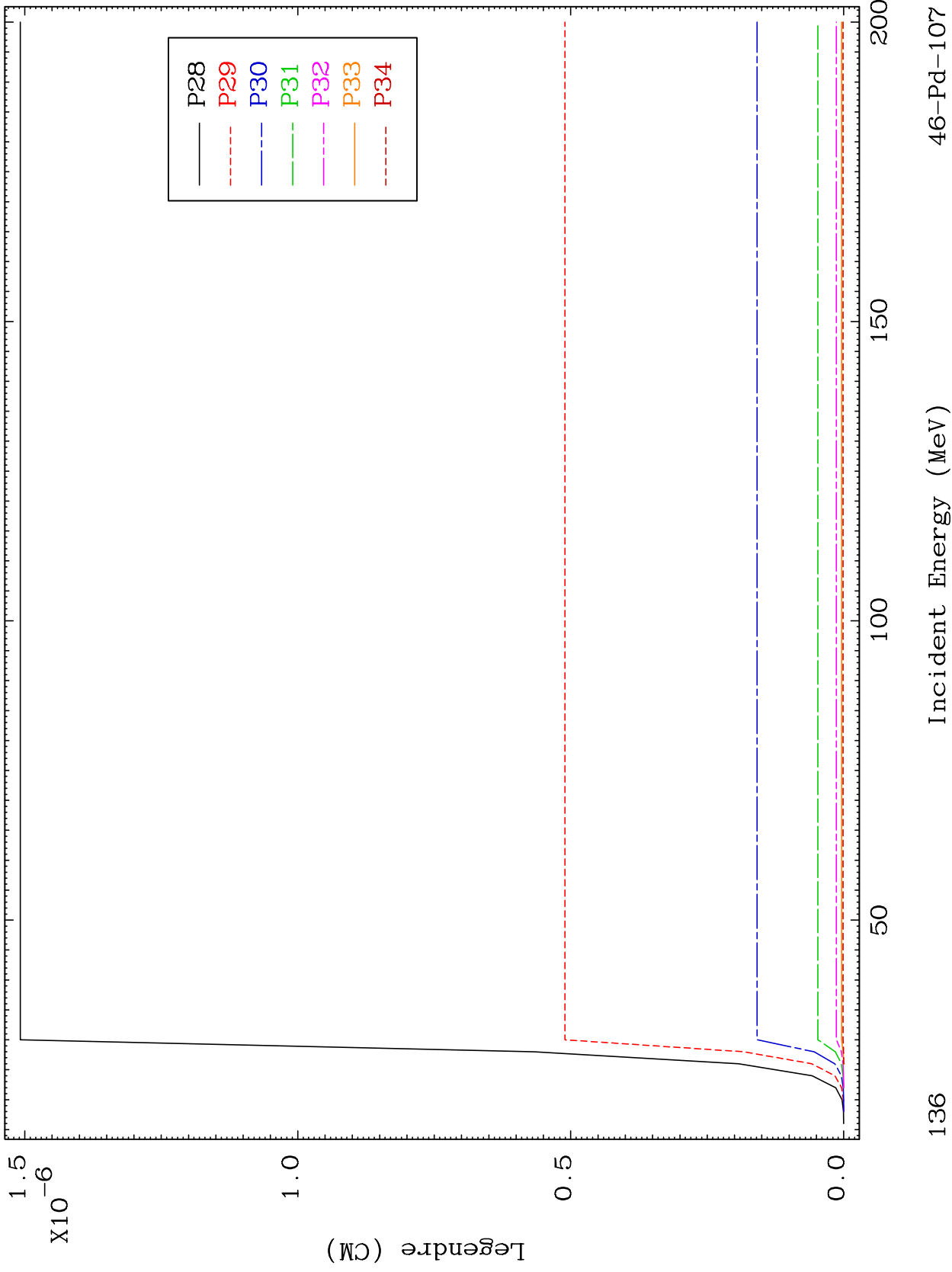
46-Pd-107



MAT 4640

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

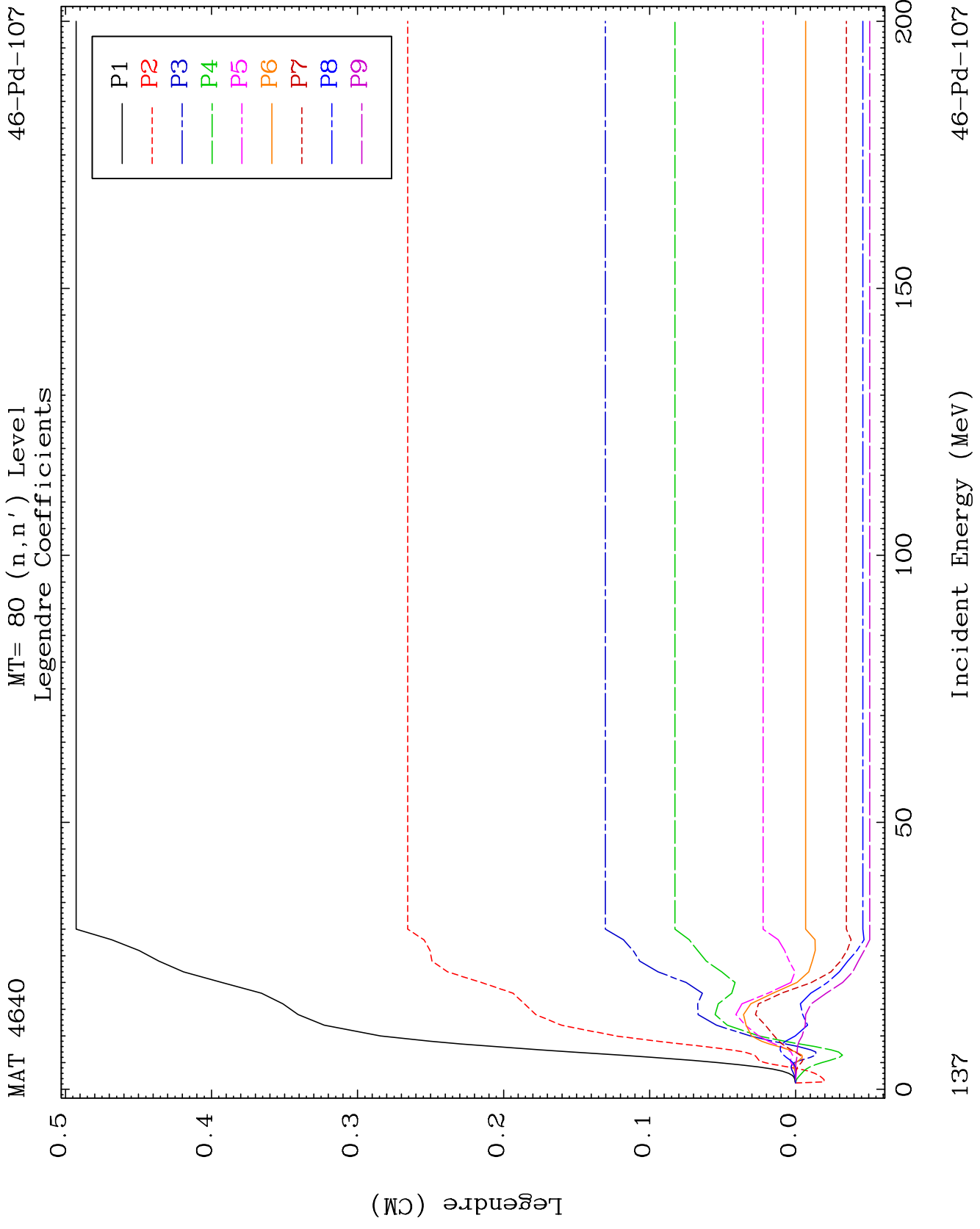
46-Pd-107



136

Incident Energy (MeV)

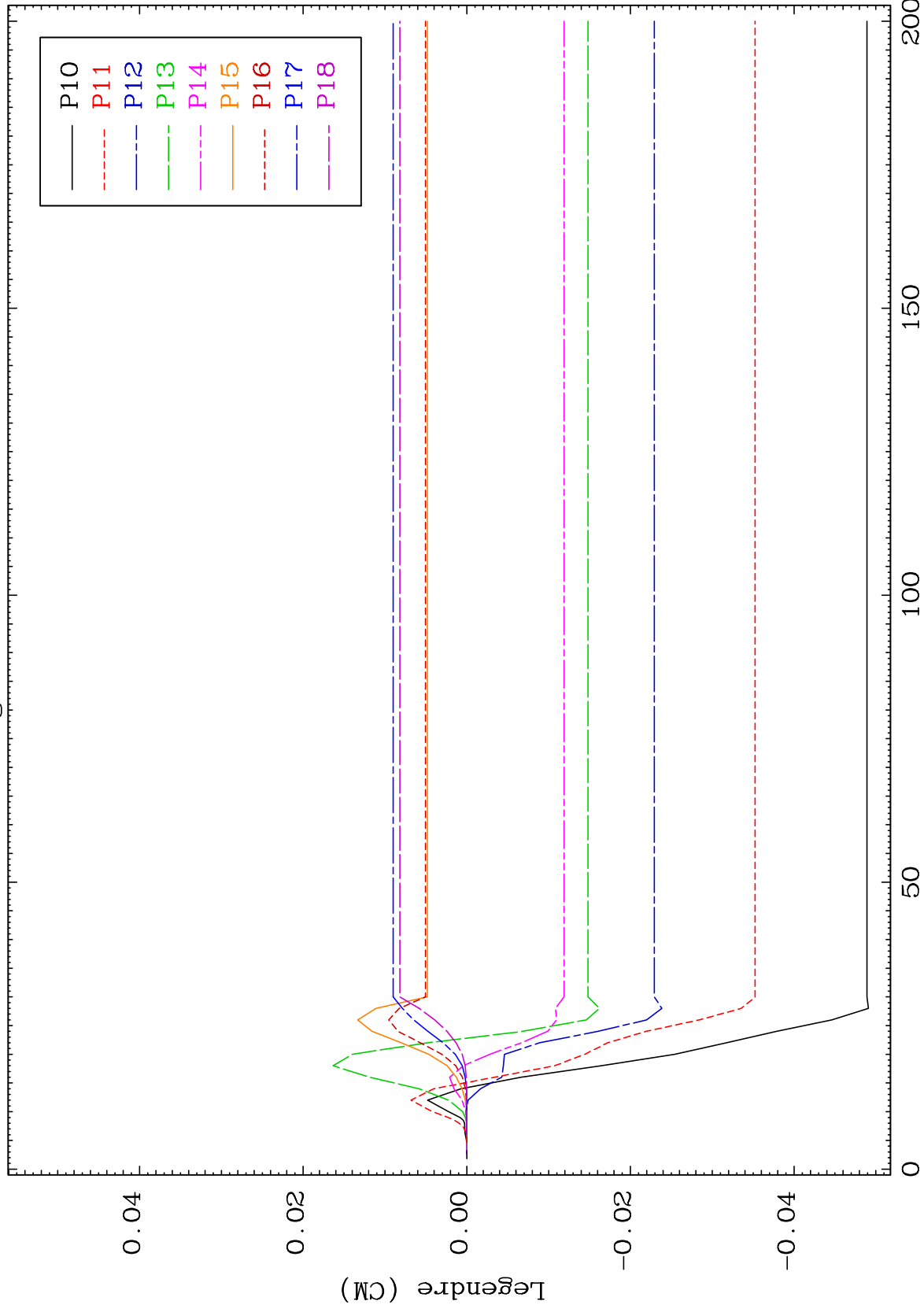
46-Pd-107



MAT 4640

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

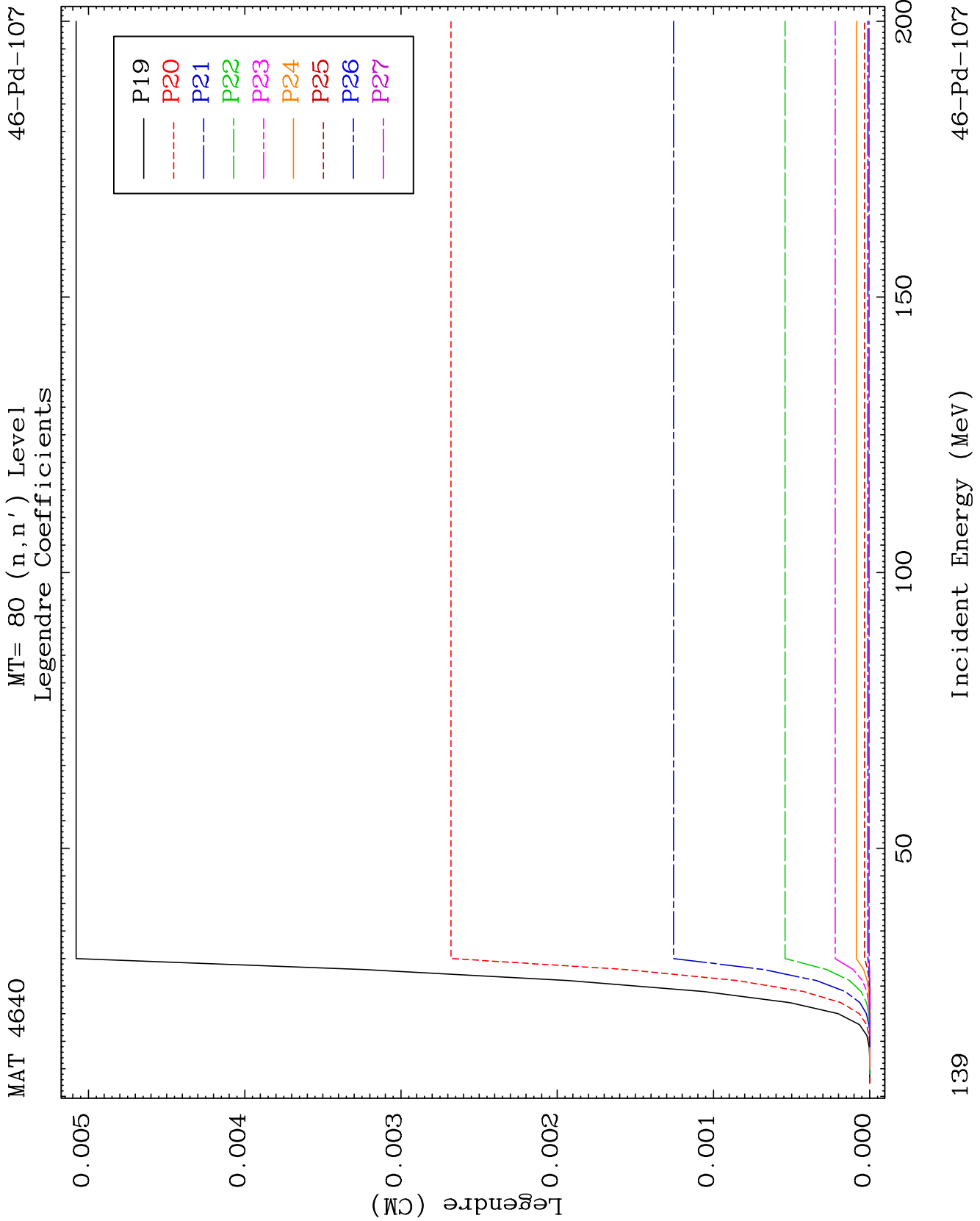
46-Pd-107



138

Incident Energy (MeV)

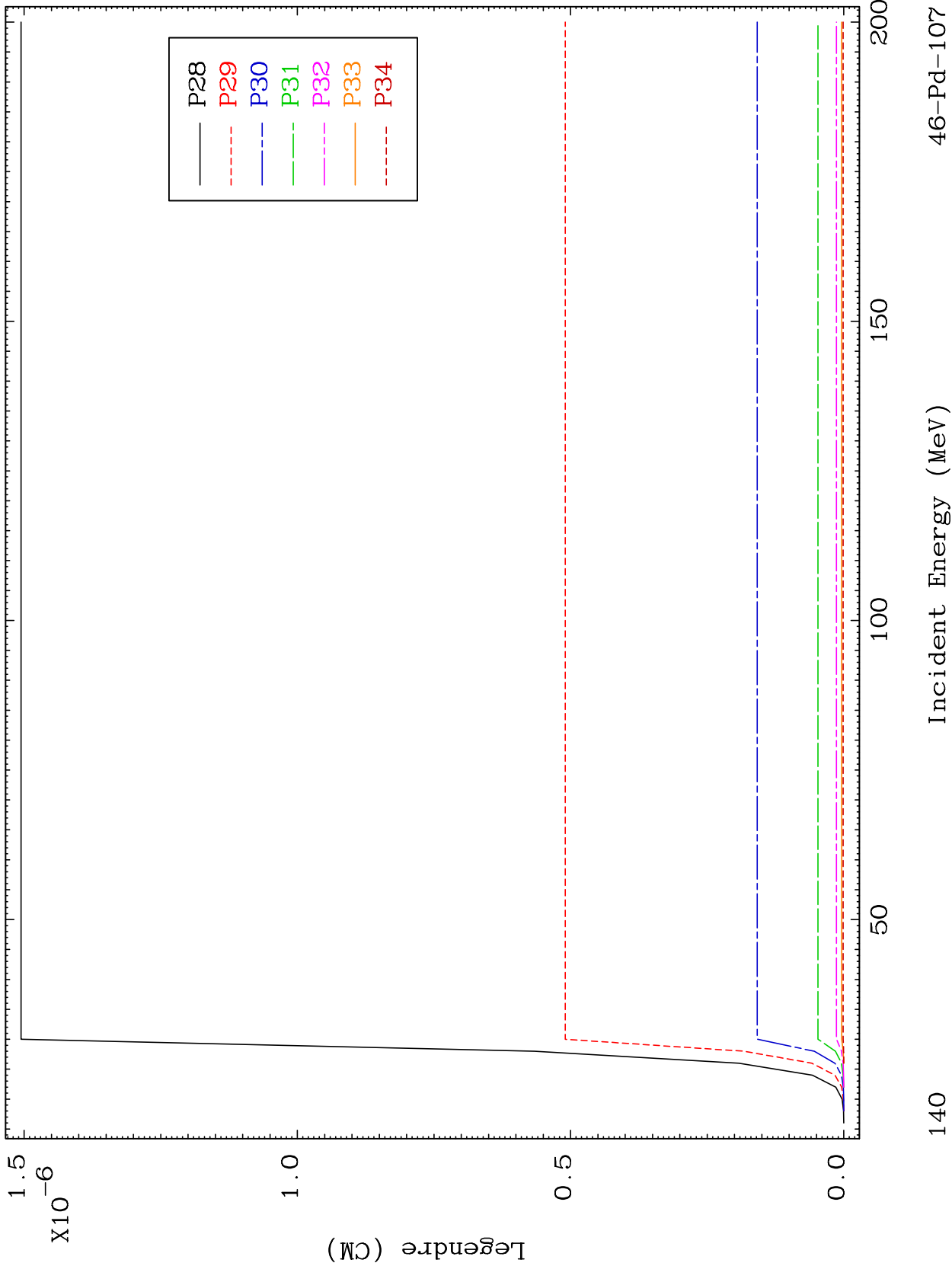
46-Pd-107



MAT 4640

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

46-Pd-107



46-Pd-107

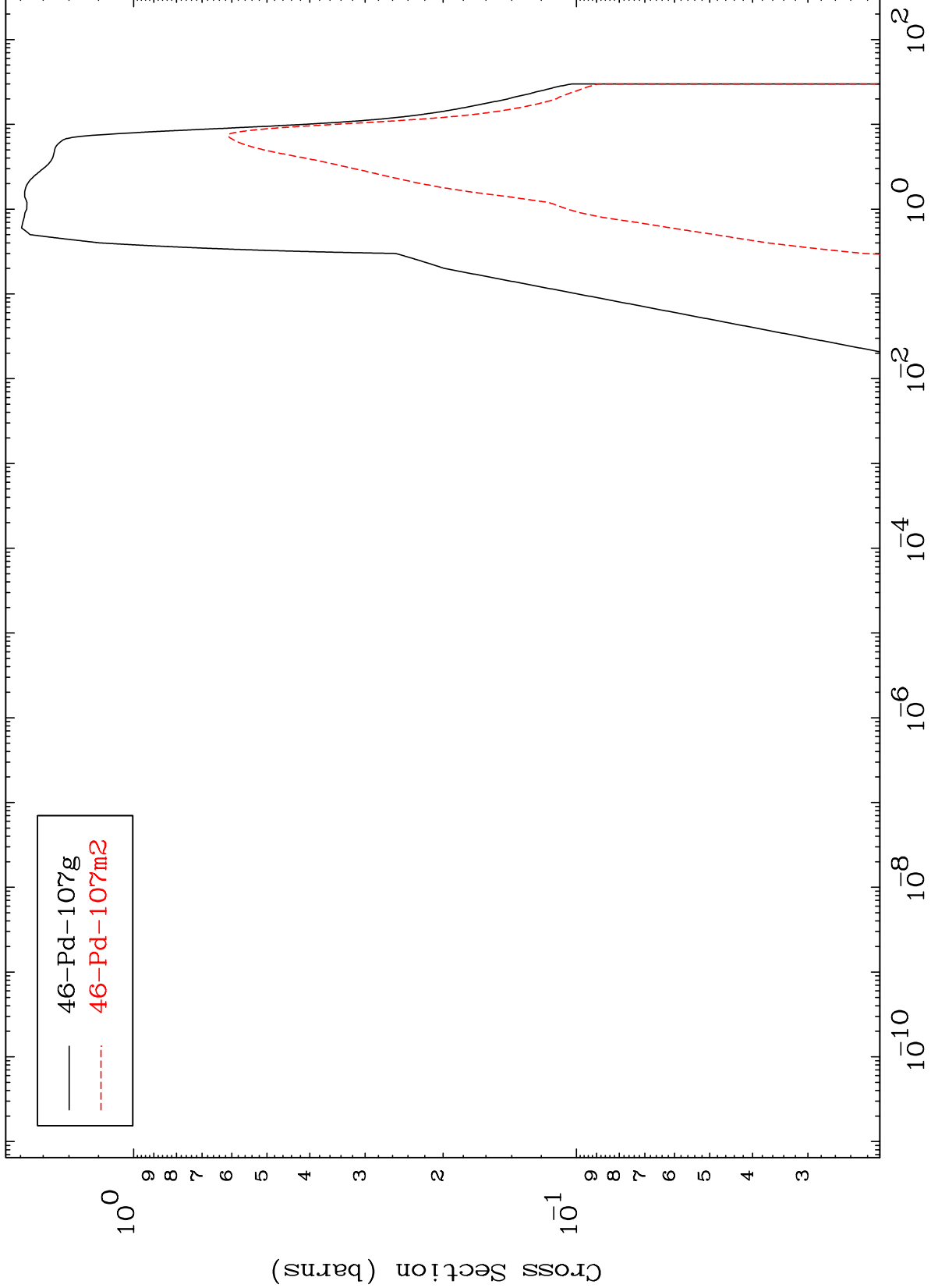
Incident Energy (MeV)

140

MAT 4640

Radionuclide Production Cross Section

46-Pd-107



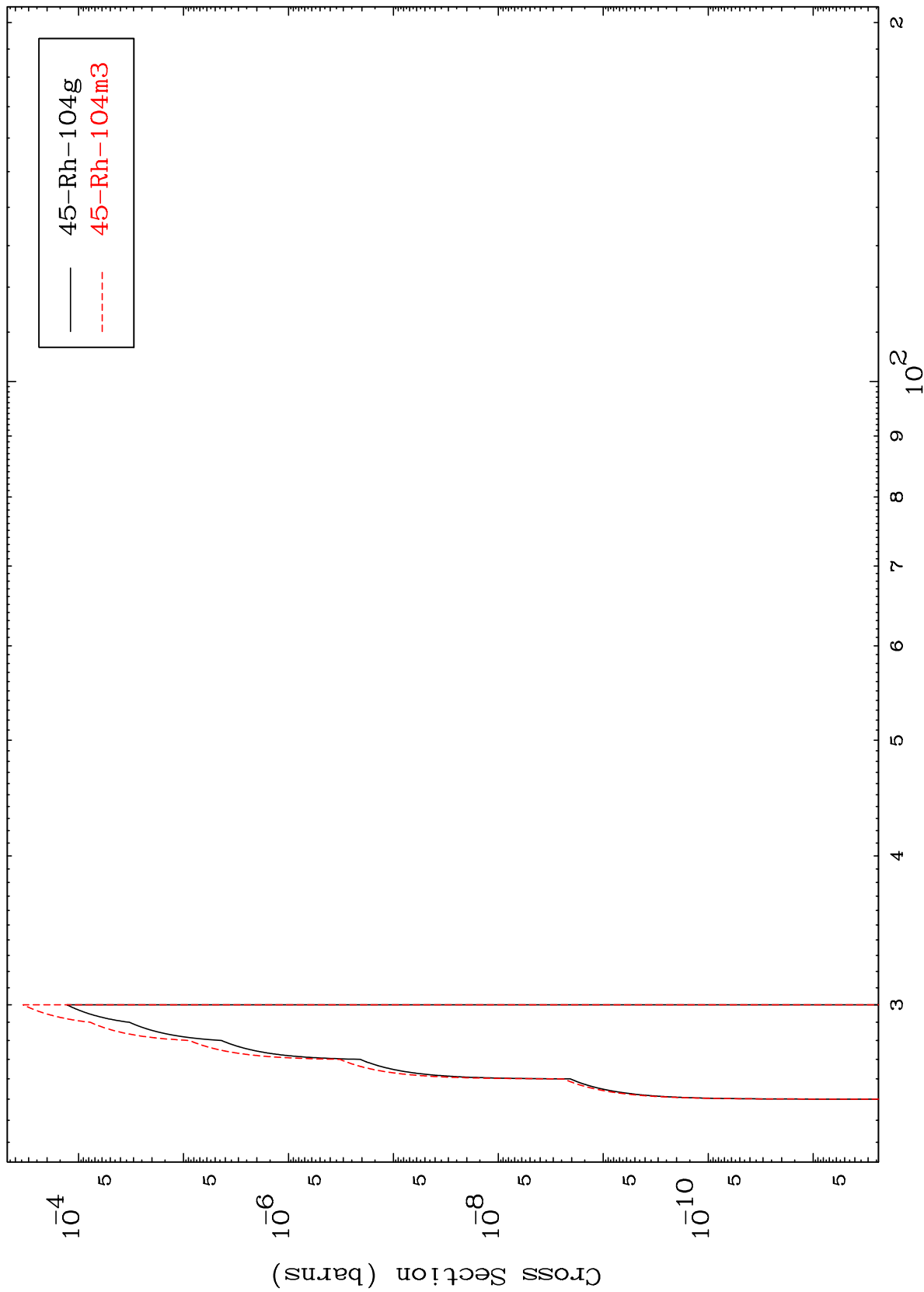
46-Pd-107g
46-Pd-107m2

MAT 4640

(n,2n) d

46-Pd-107

Radionuclide Production Cross Section



142

Incident Energy (MeV)

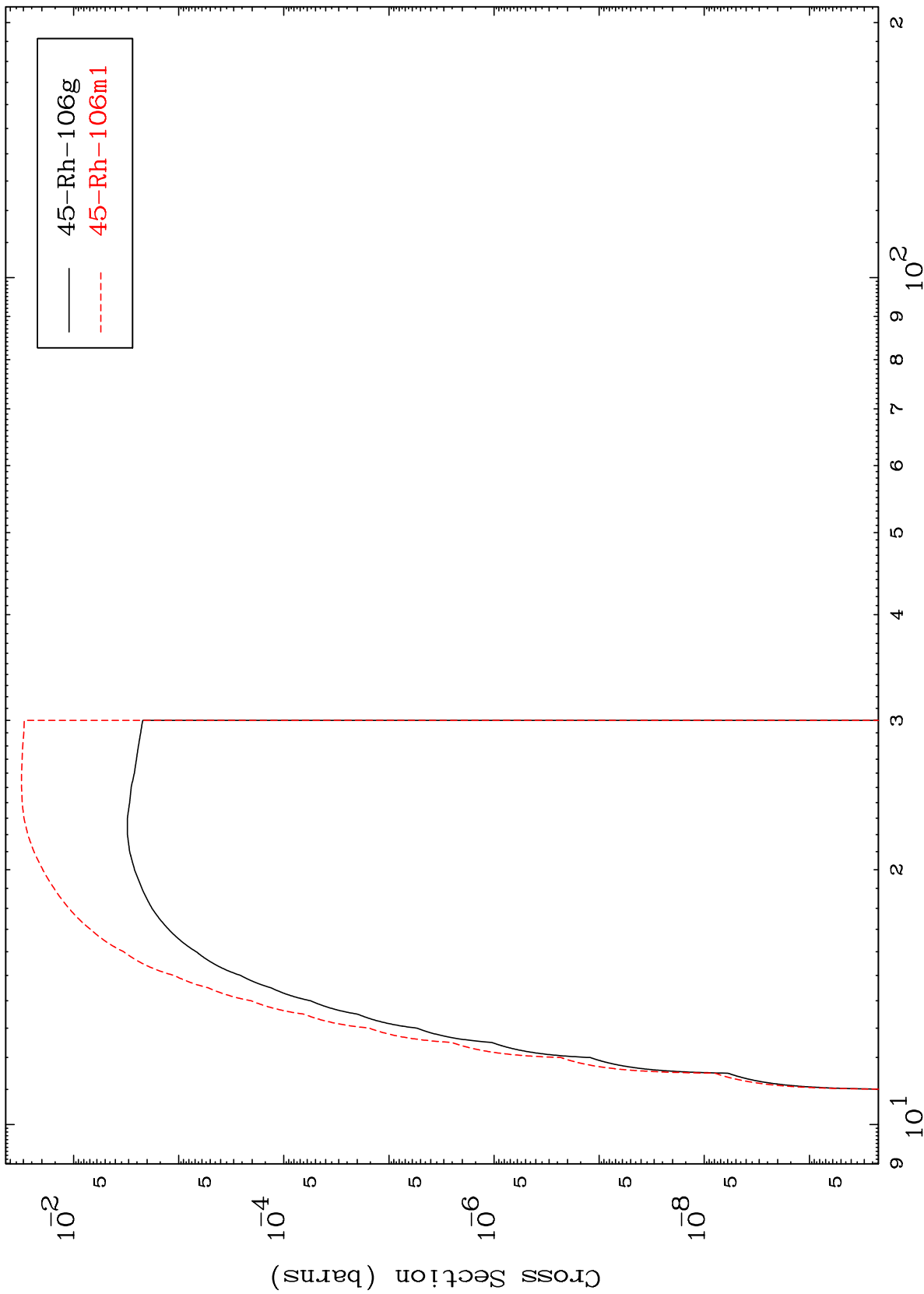
46-Pd-107

MAT 4640

(n,n') p

46-Pd-107

Radionuclide Production Cross Section



143

Incident Energy (MeV)

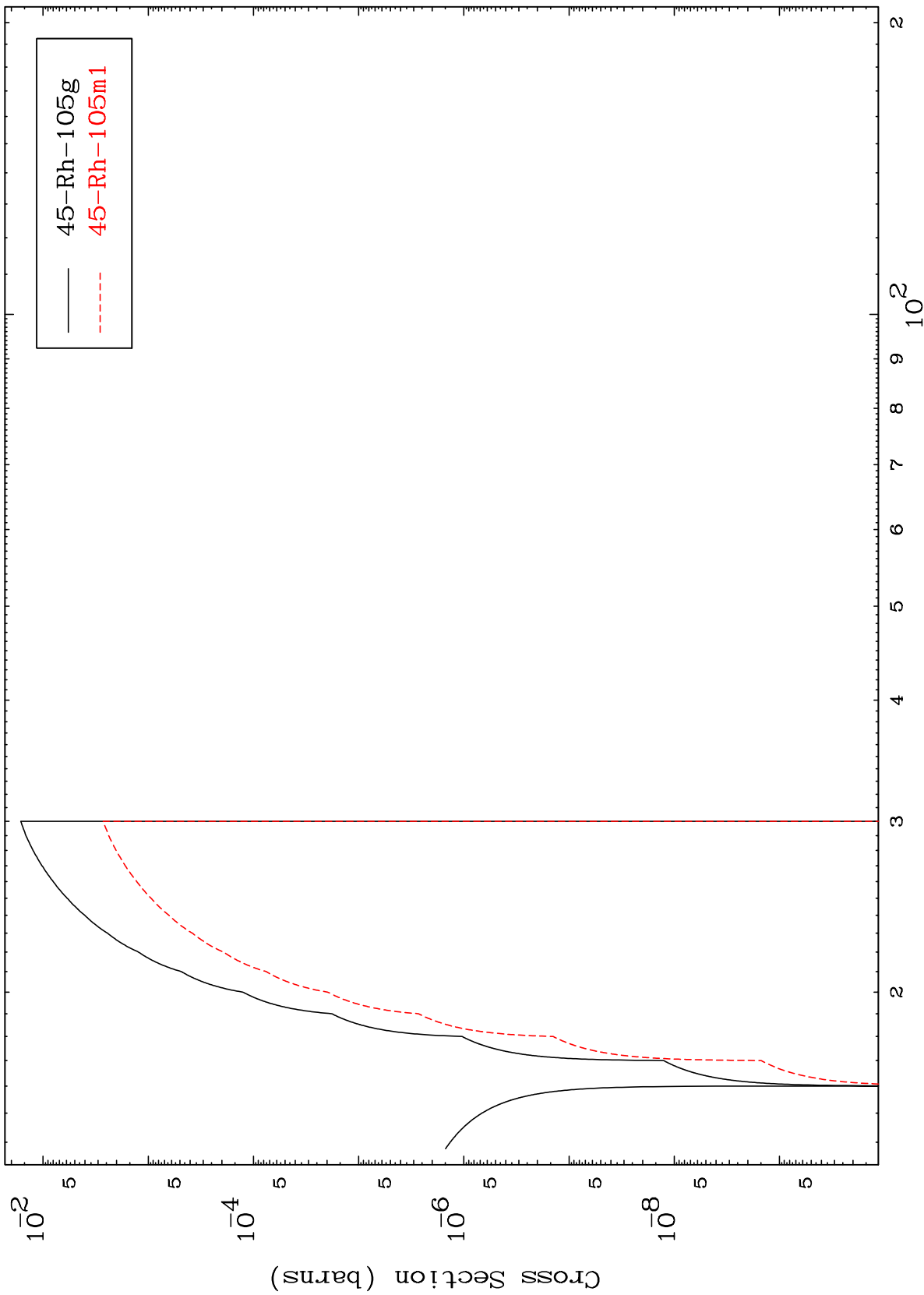
46-Pd-107

MAT 4640

(n,n') d

46-Pd-107

Radionuclide Production Cross Section



144

Incident Energy (MeV)

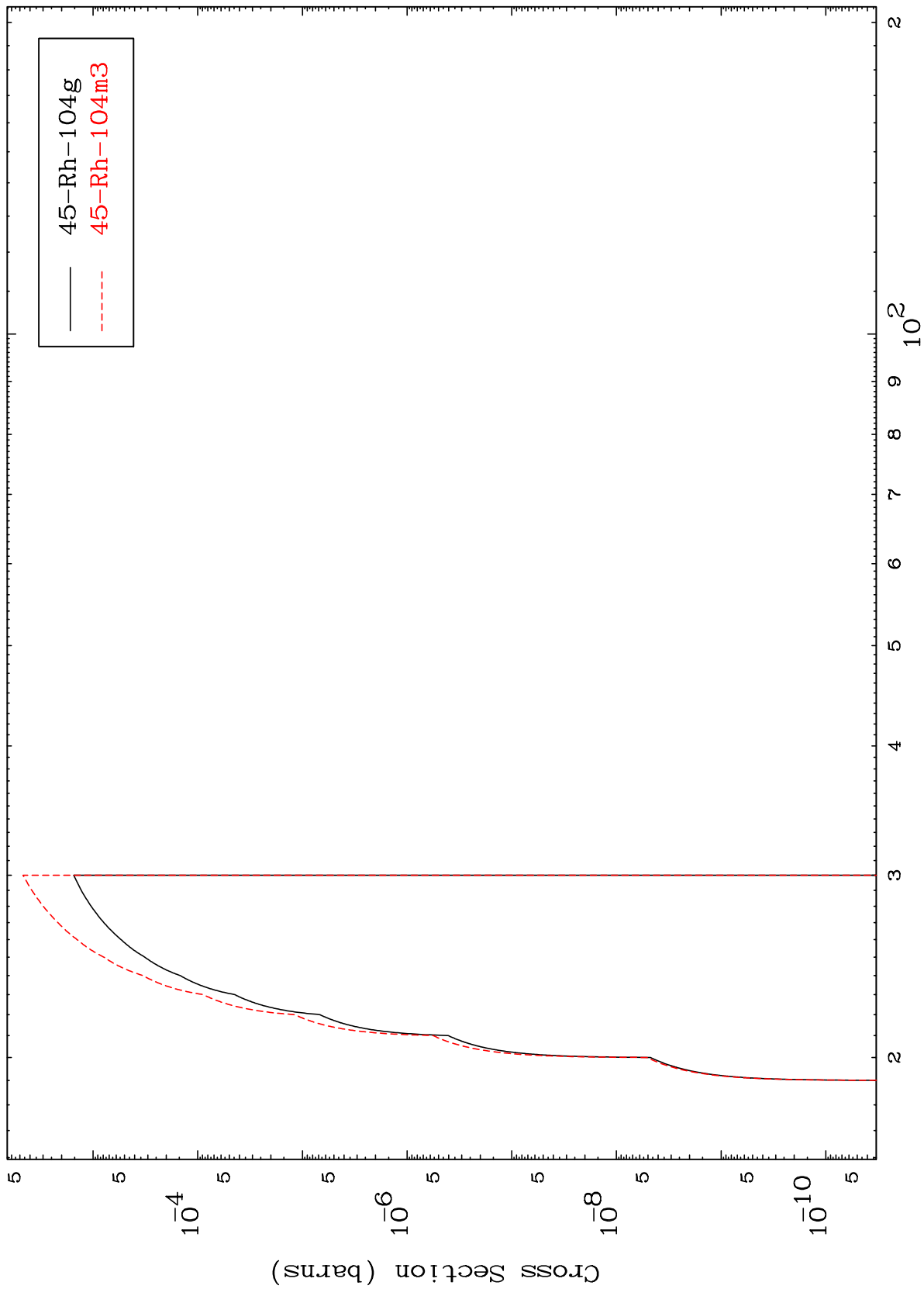
46-Pd-107

MAT 4640

(n,n') t

46-Pd-107

Radionuclide Production Cross Section



145

Incident Energy (MeV)

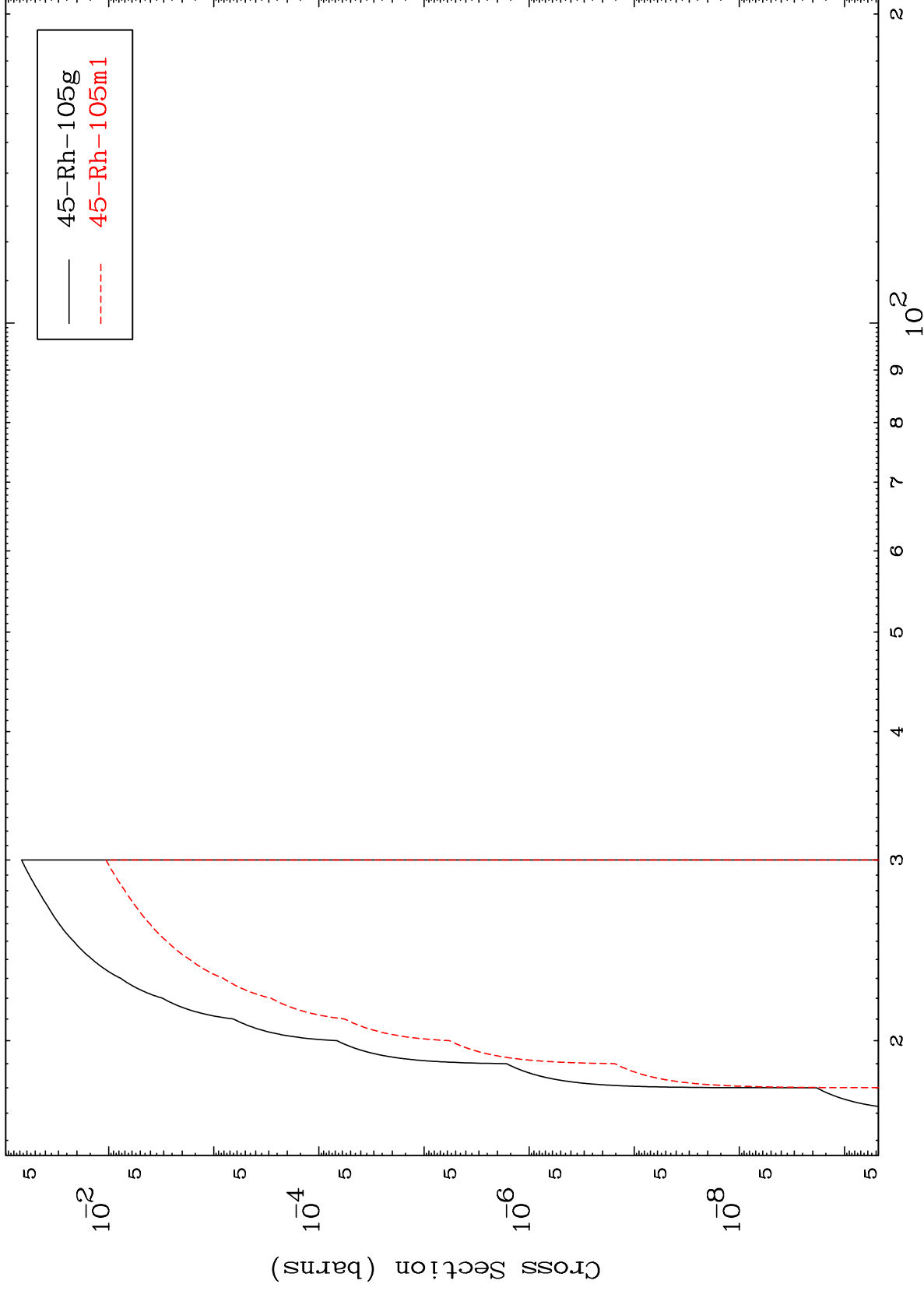
46-Pd-107

MAT 4640

(n,2n) p

46-Pd-107

Radionuclide Production Cross Section



146

Incident Energy (MeV)

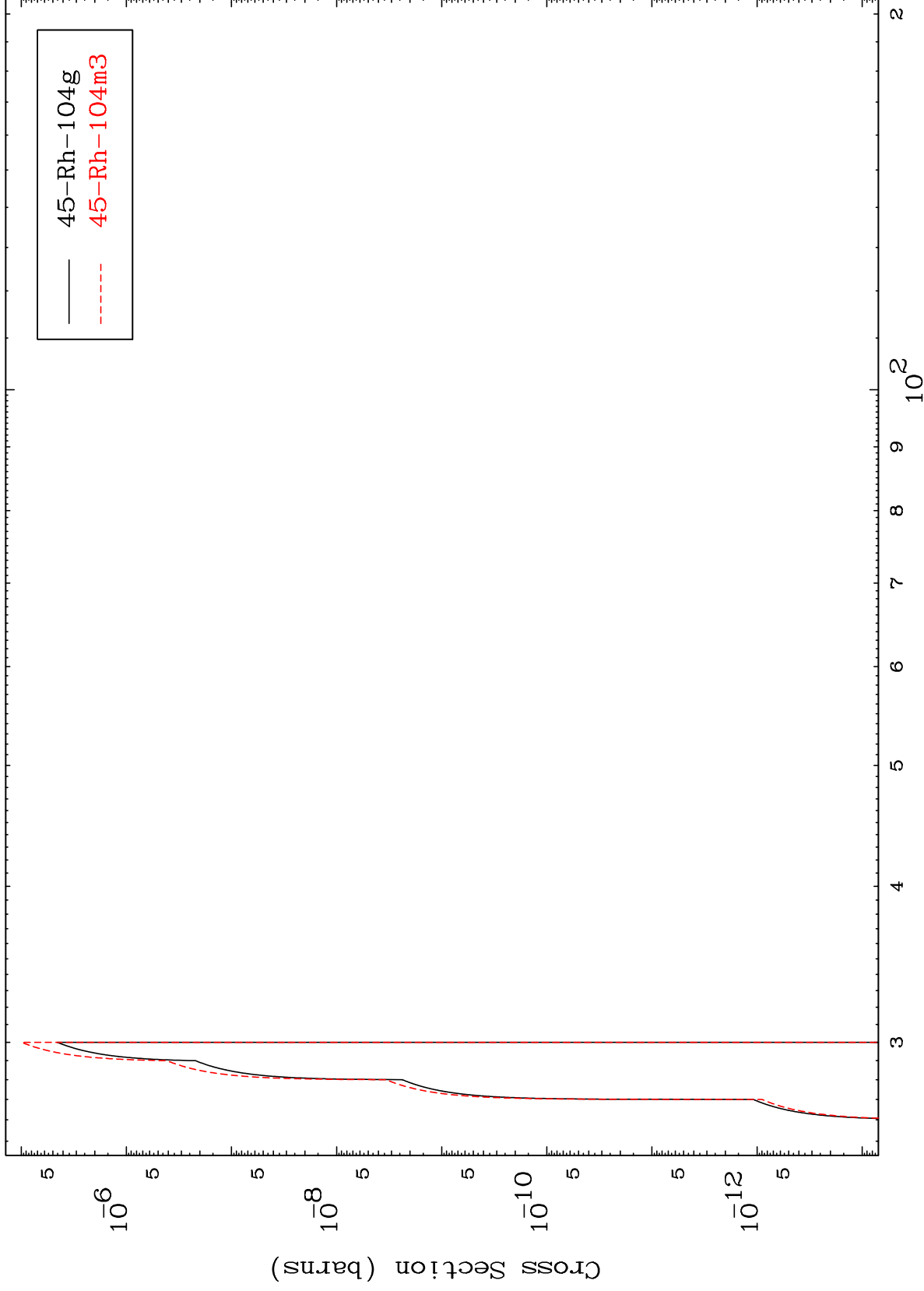
46-Pd-107

MAT 4640

(n,3n) p

46-Pd-107

Radionuclide Production Cross Section

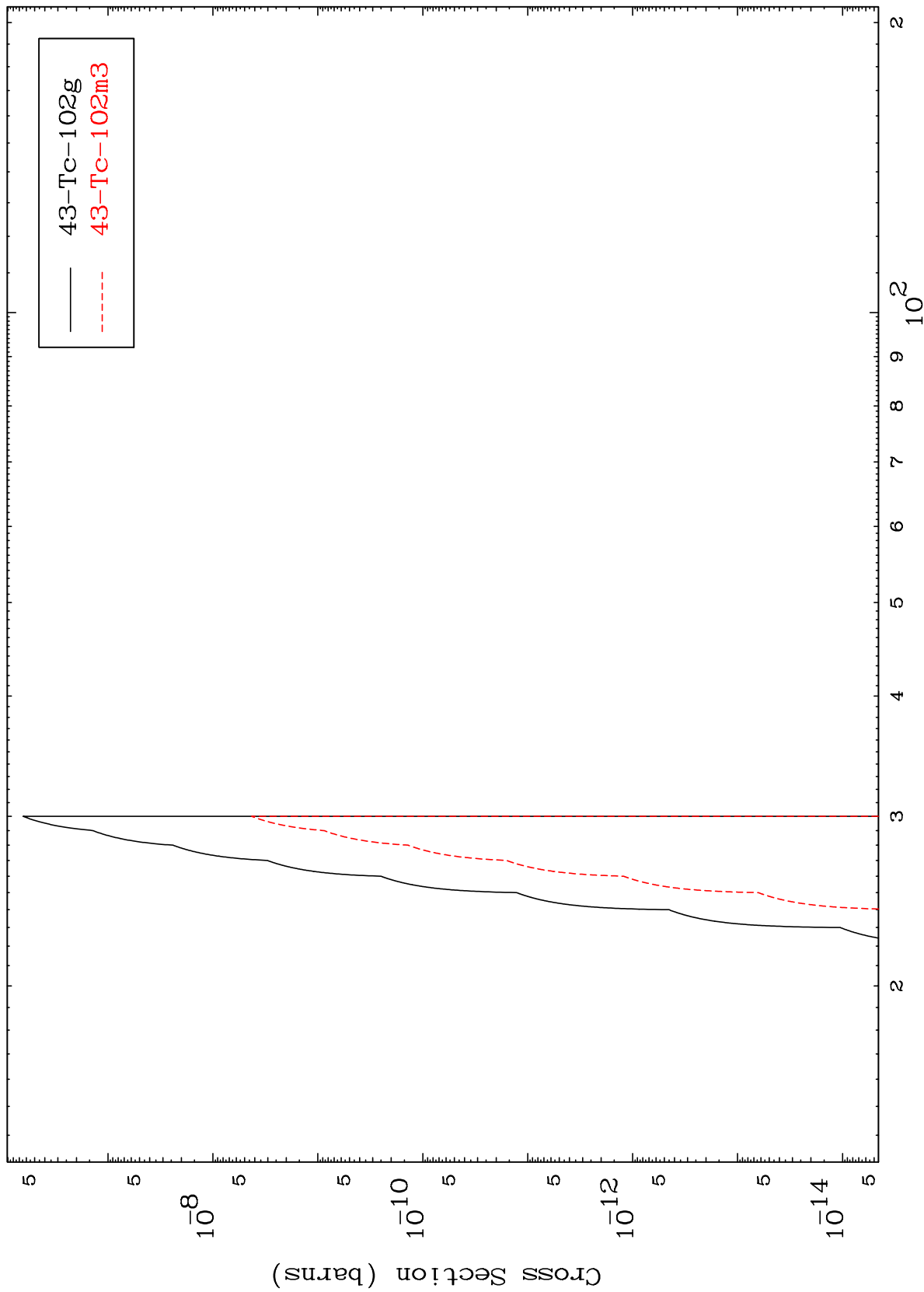


147

Incident Energy (MeV)

46-Pd-107

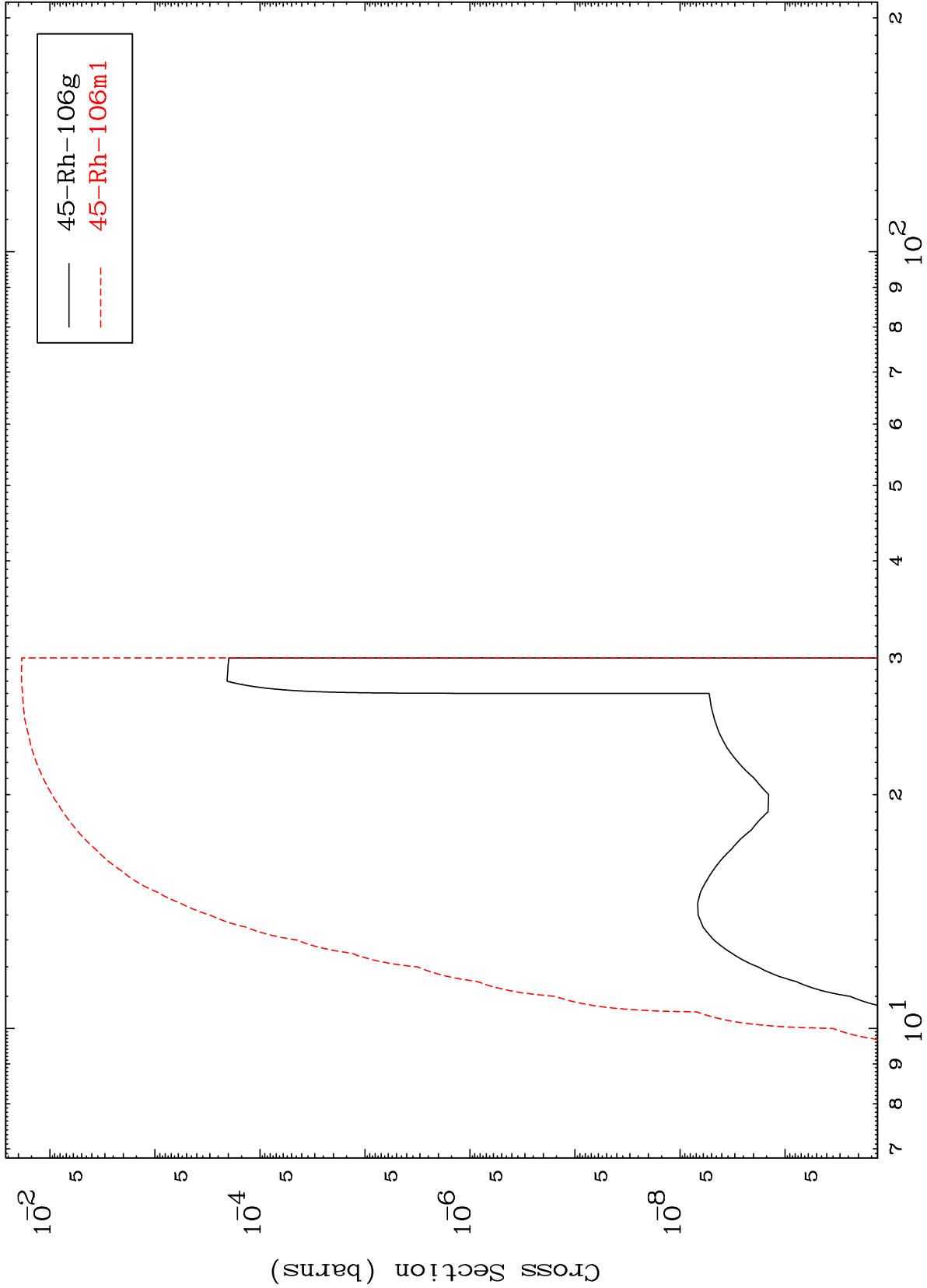
Radionuclide Production Cross Section



MAT 4640

46-Pd-107

(n,d)
Radionuclide Production Cross Section



149

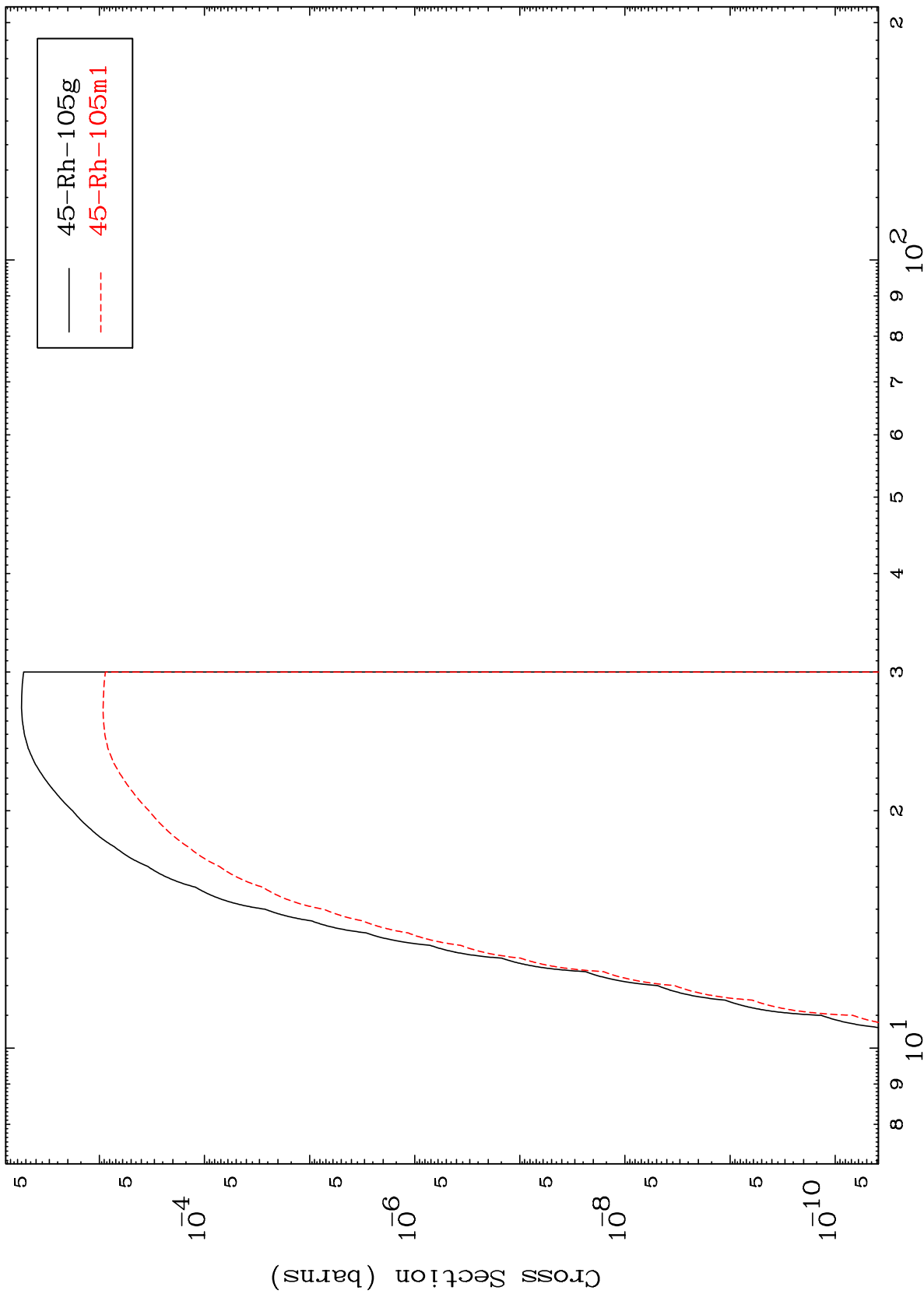
Incident Energy (MeV)

46-Pd-107

MAT 4640

46-Pd-107

(n, t)
Radionuclide Production Cross Section



150

Incident Energy (MeV)

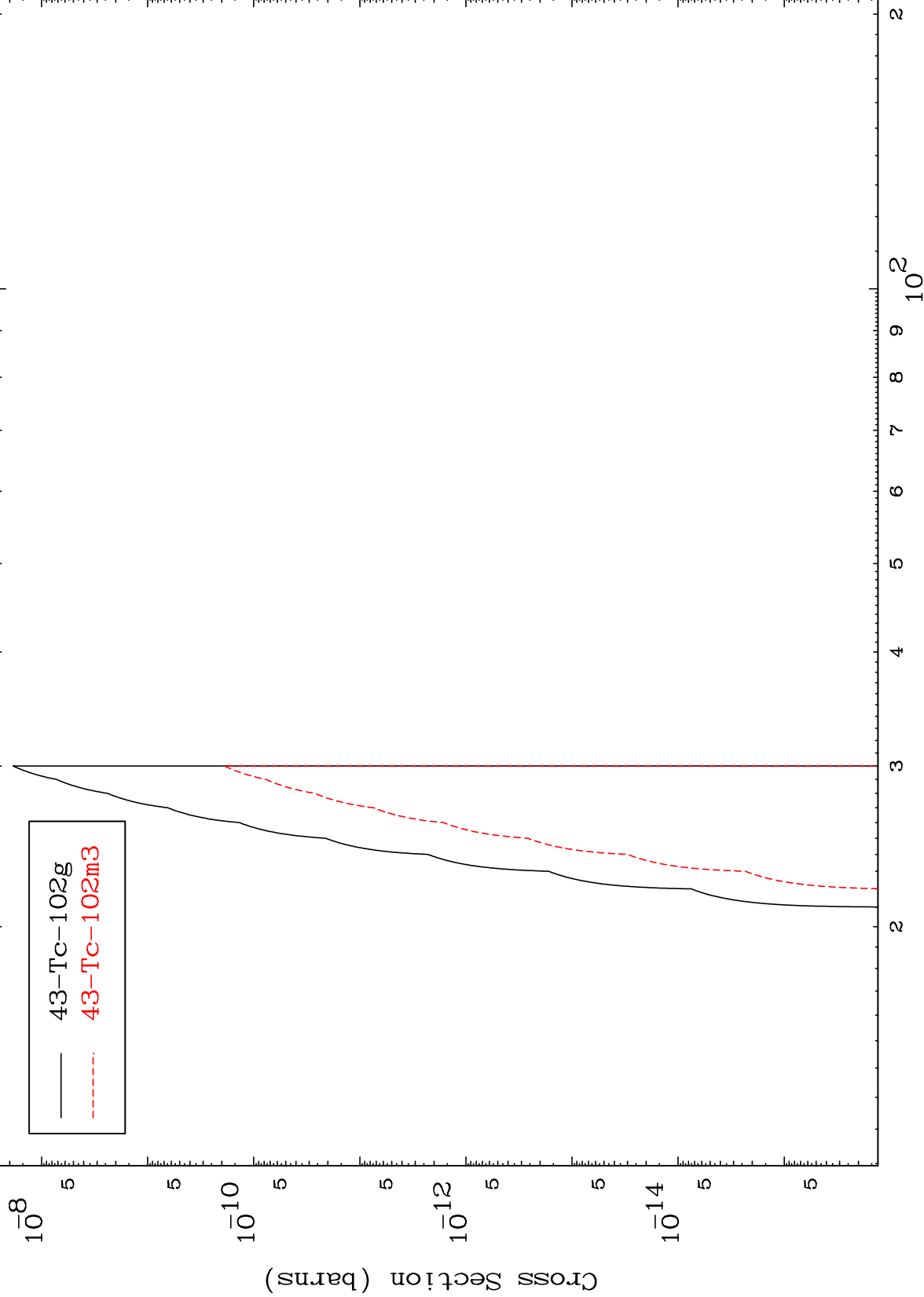
46-Pd-107

MAT 4640

(n,d) α

46-Pd-107

Radionuclide Production Cross Section



151

Incident Energy (MeV)

46-Pd-107