

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

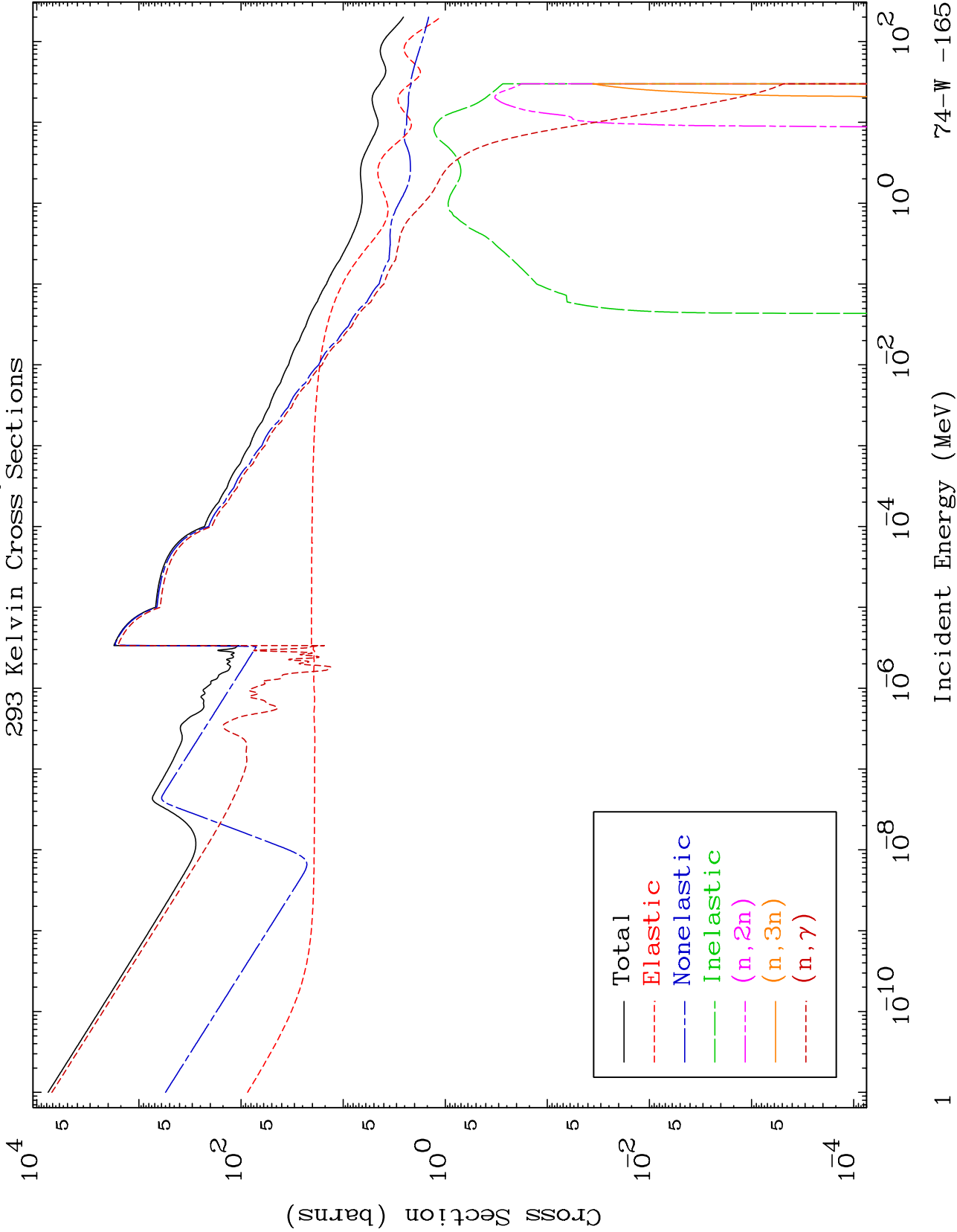
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7380

Neutron Major
293 Kelvin Cross Sections

74-W -165



74-W -165

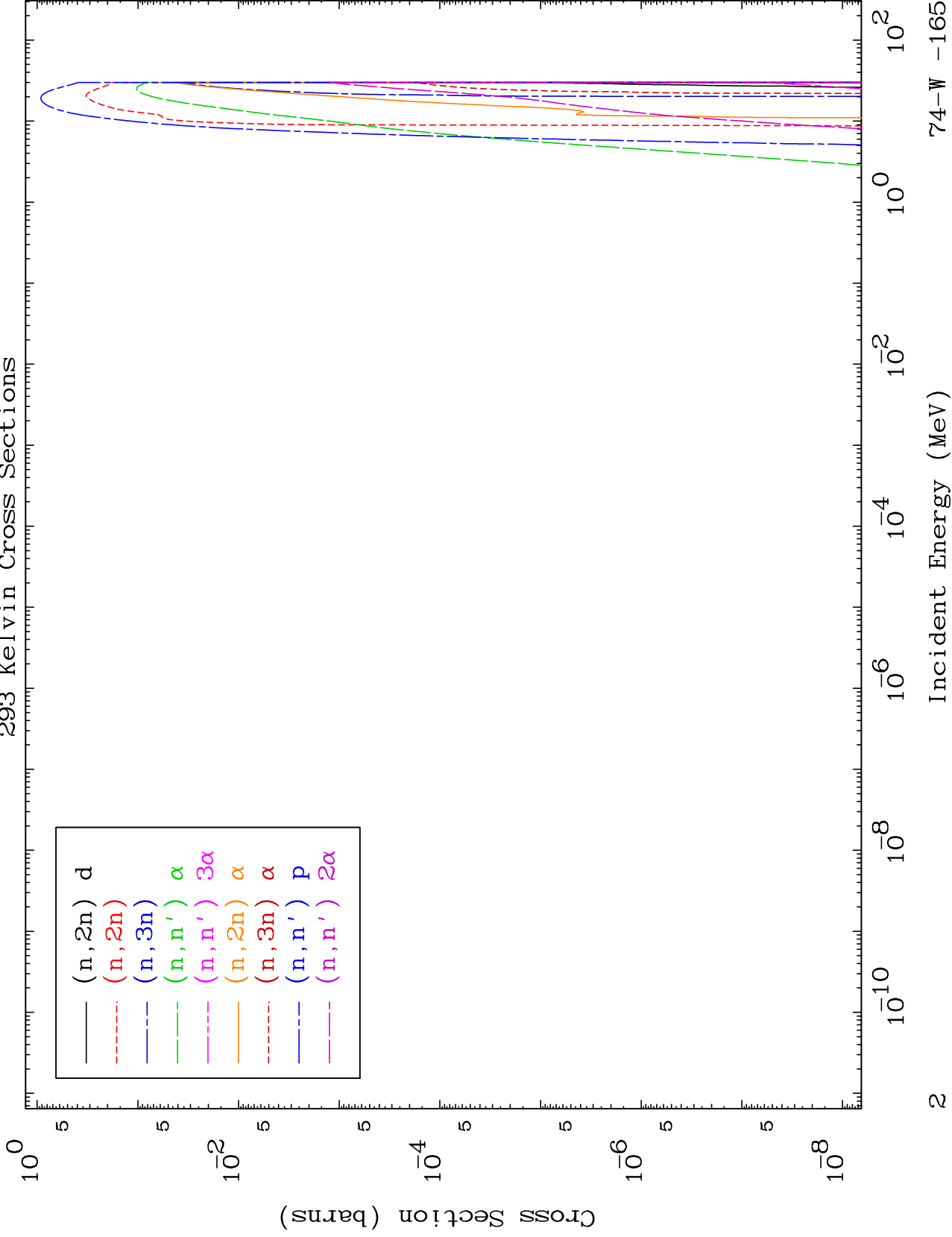
Incident Energy (MeV)

1

MAT 7380

Neutron Absorption
293 Kelvin Cross Sections

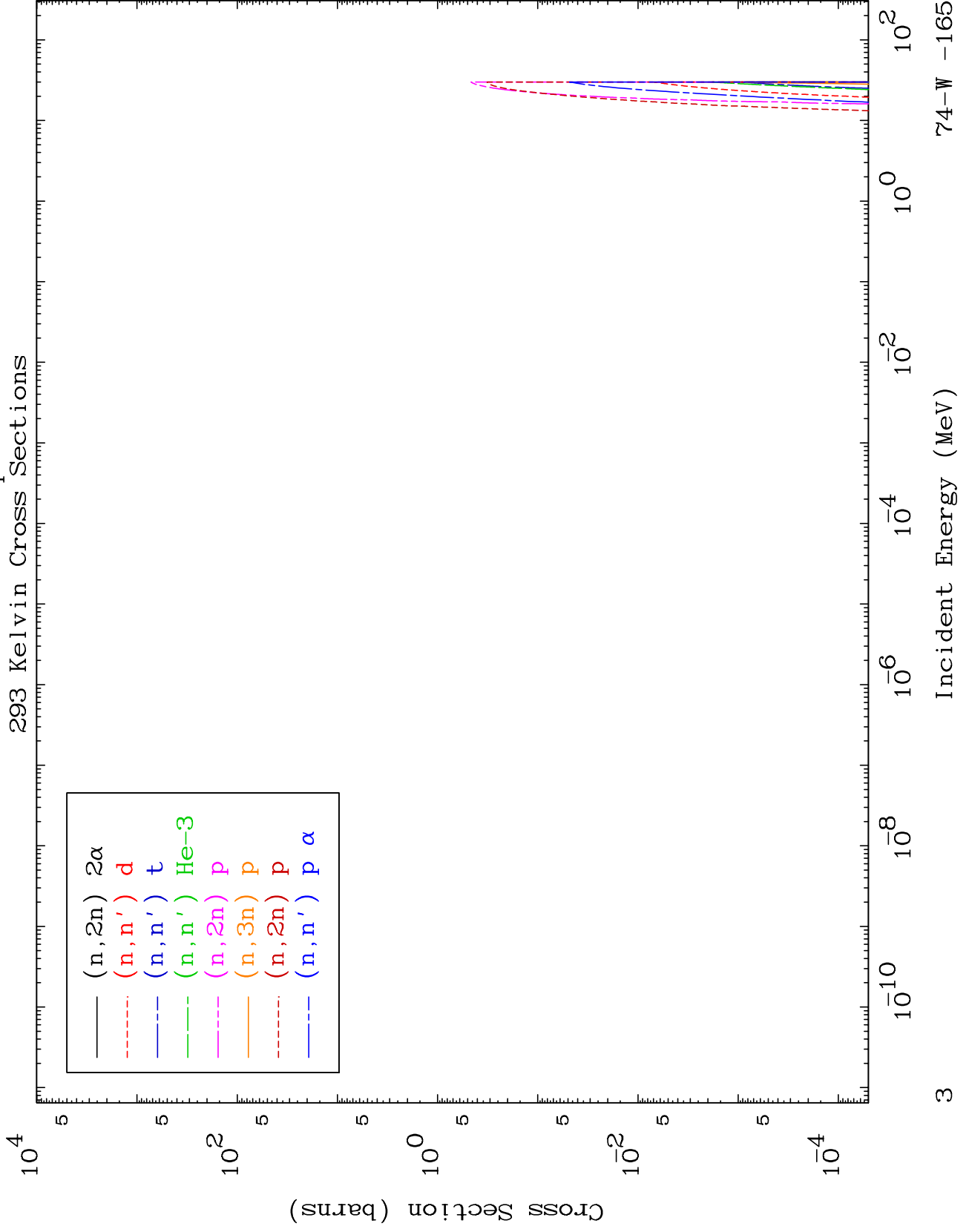
74-W -165

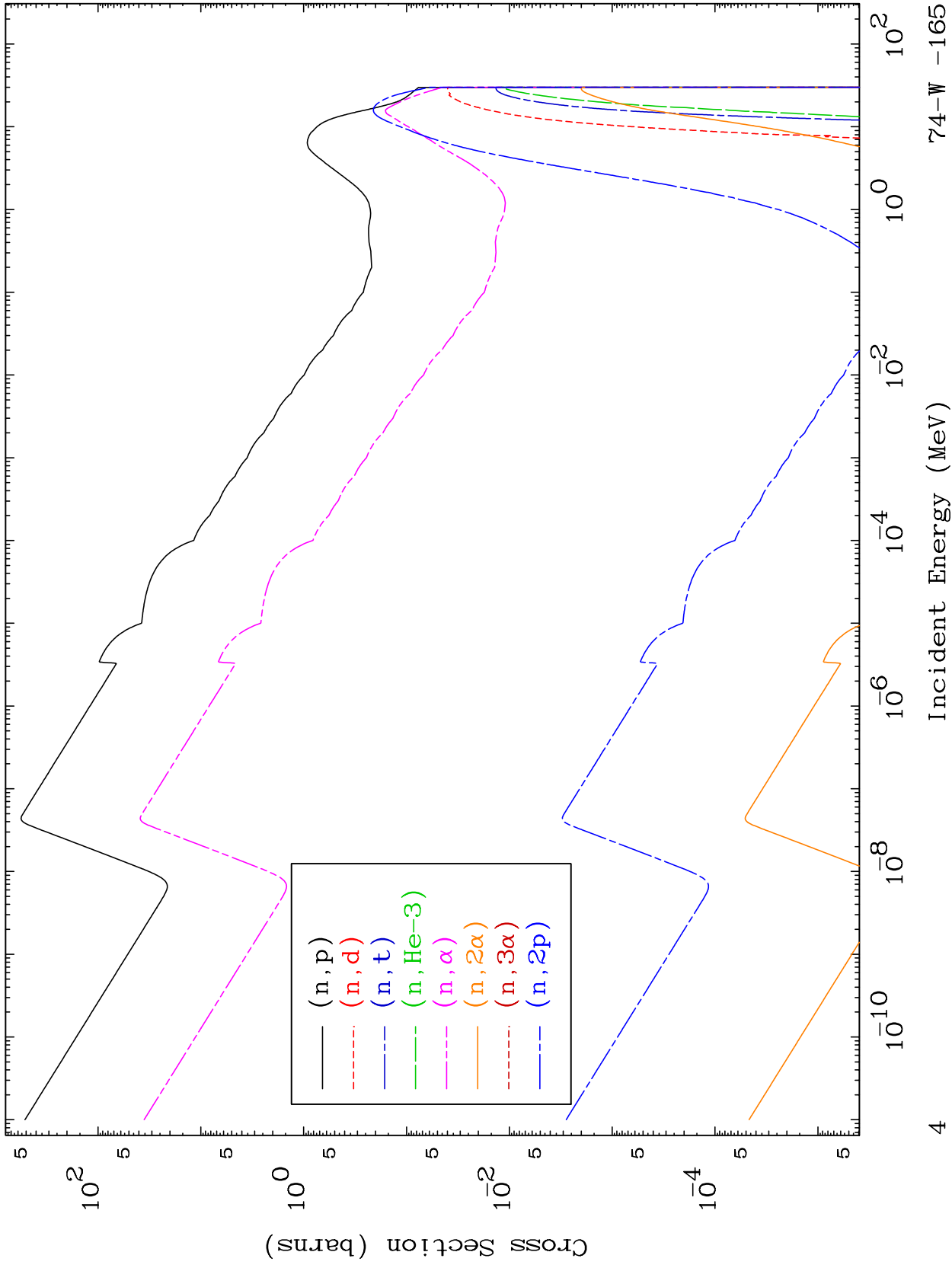


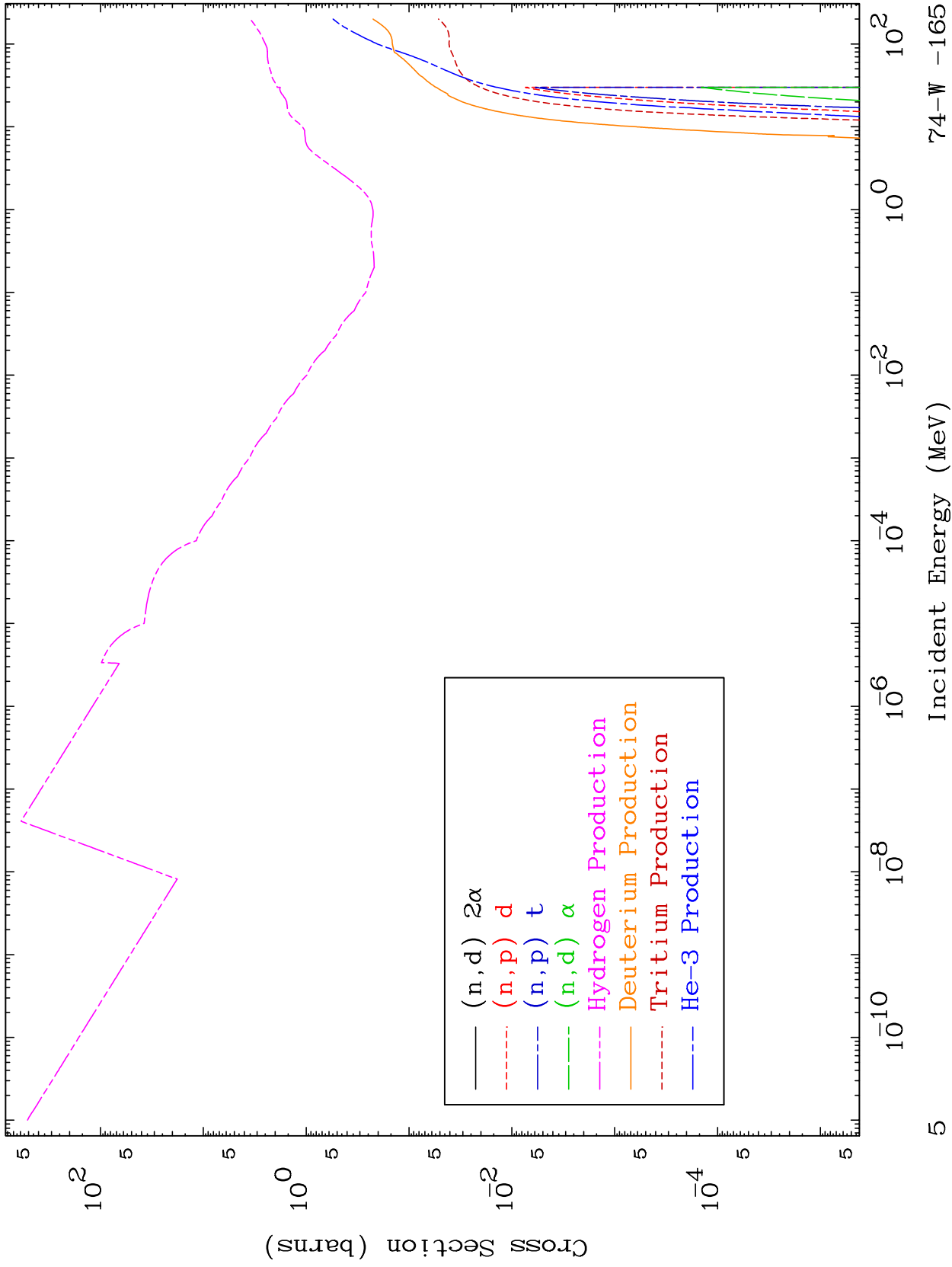
MAT 7380

Neutron Absorption
293 Kelvin Cross Sections

74-W -165



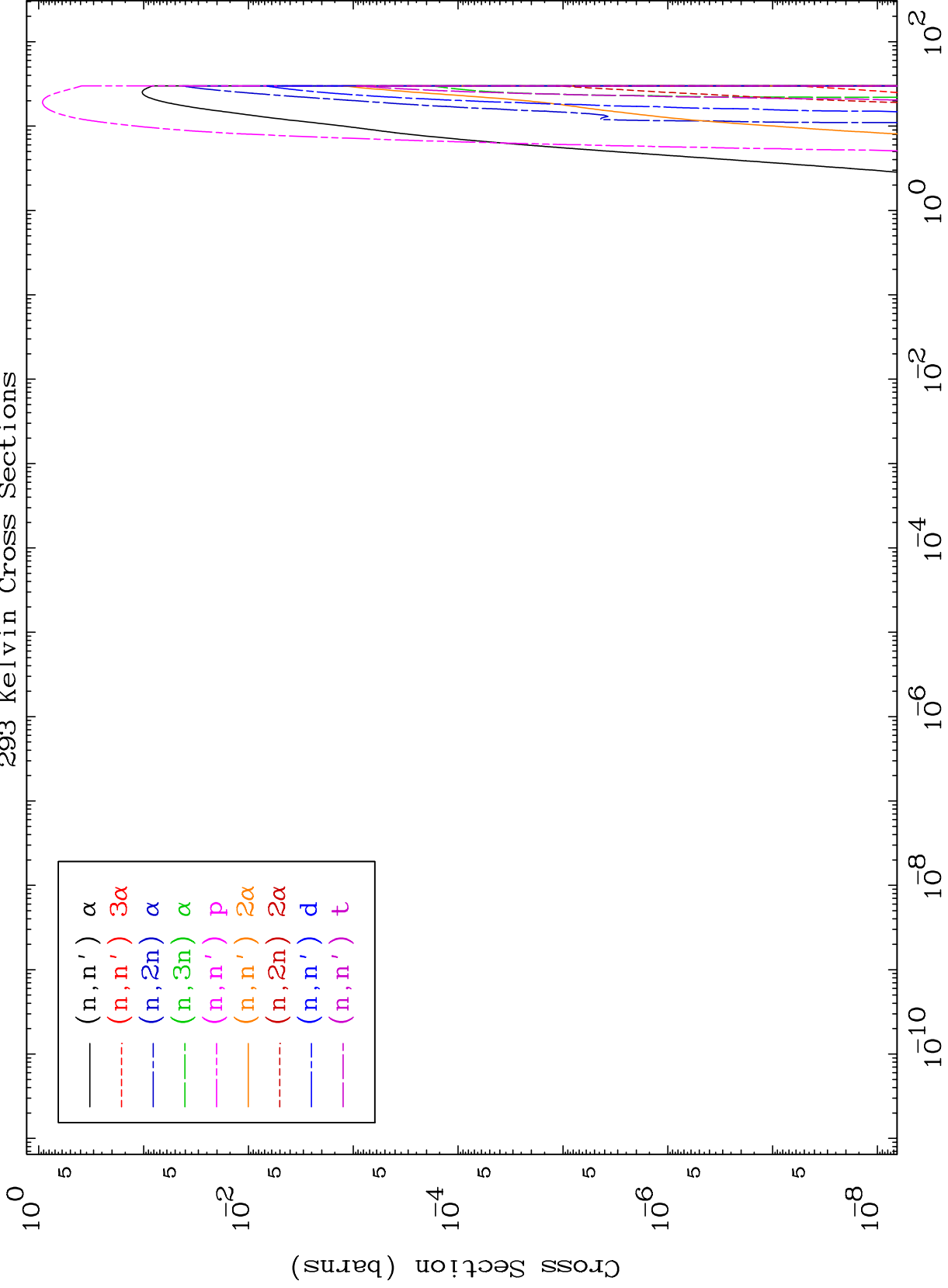


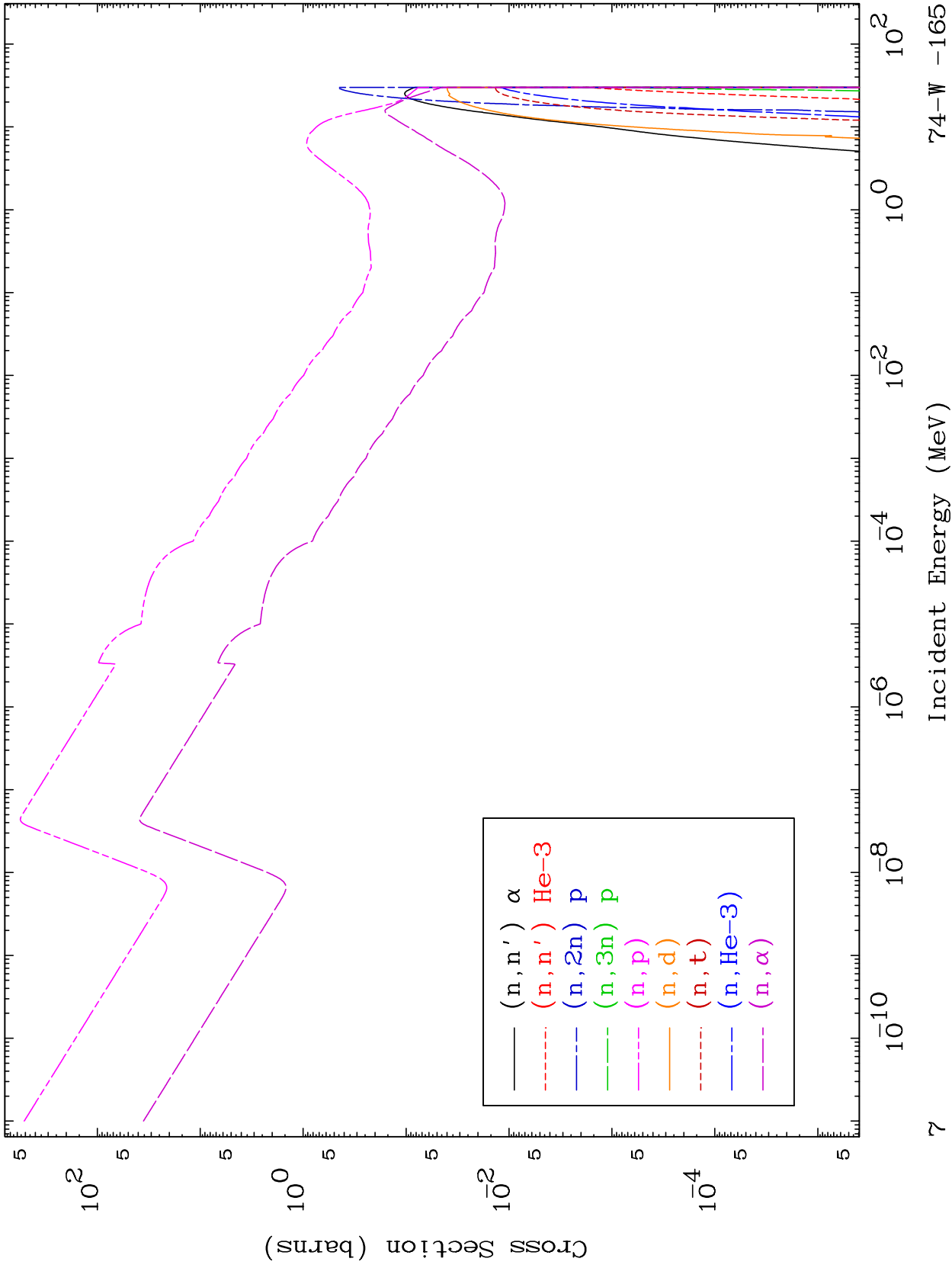


MAT 7380

Charged Particle
293 Kelvin Cross Sections

74-W -165

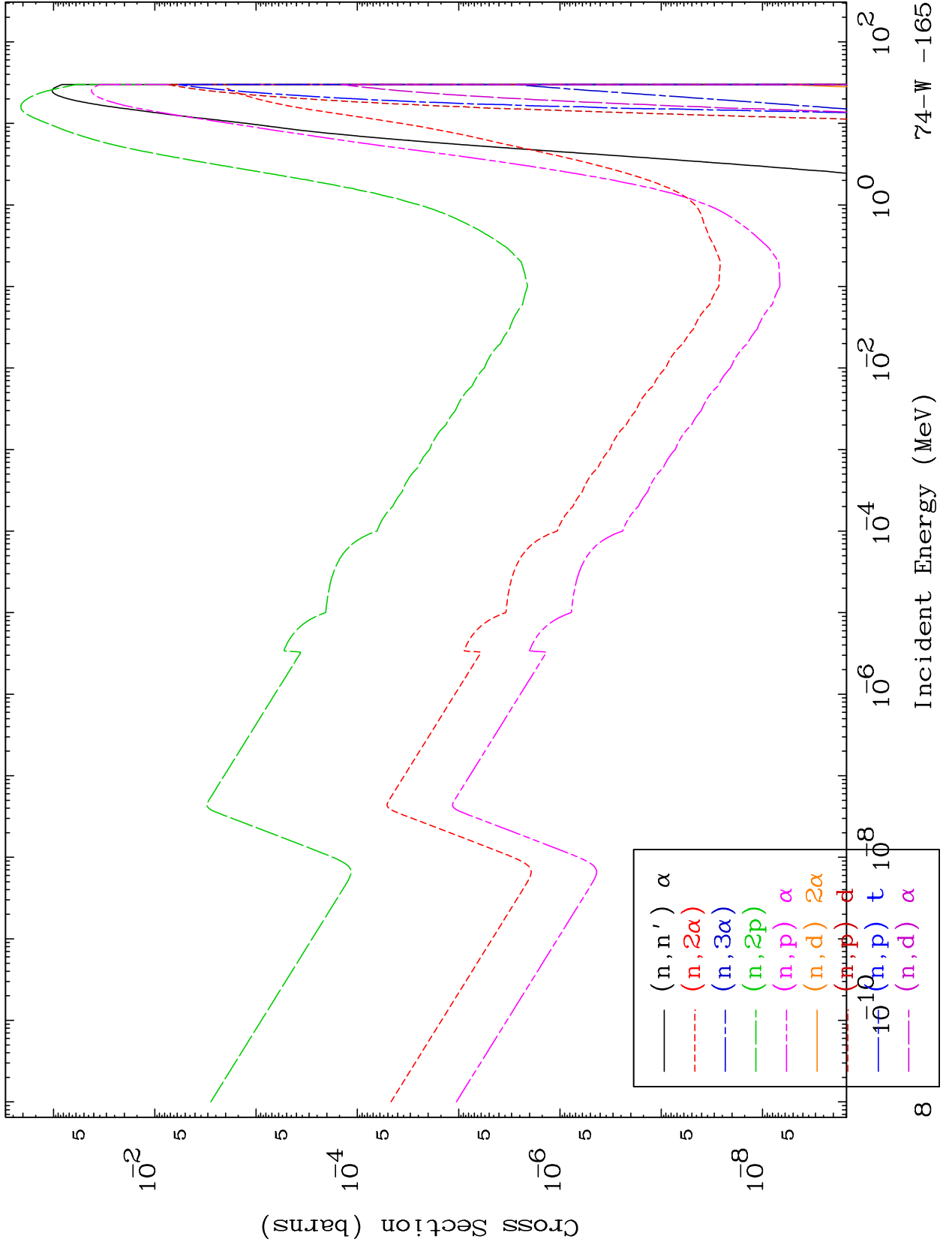




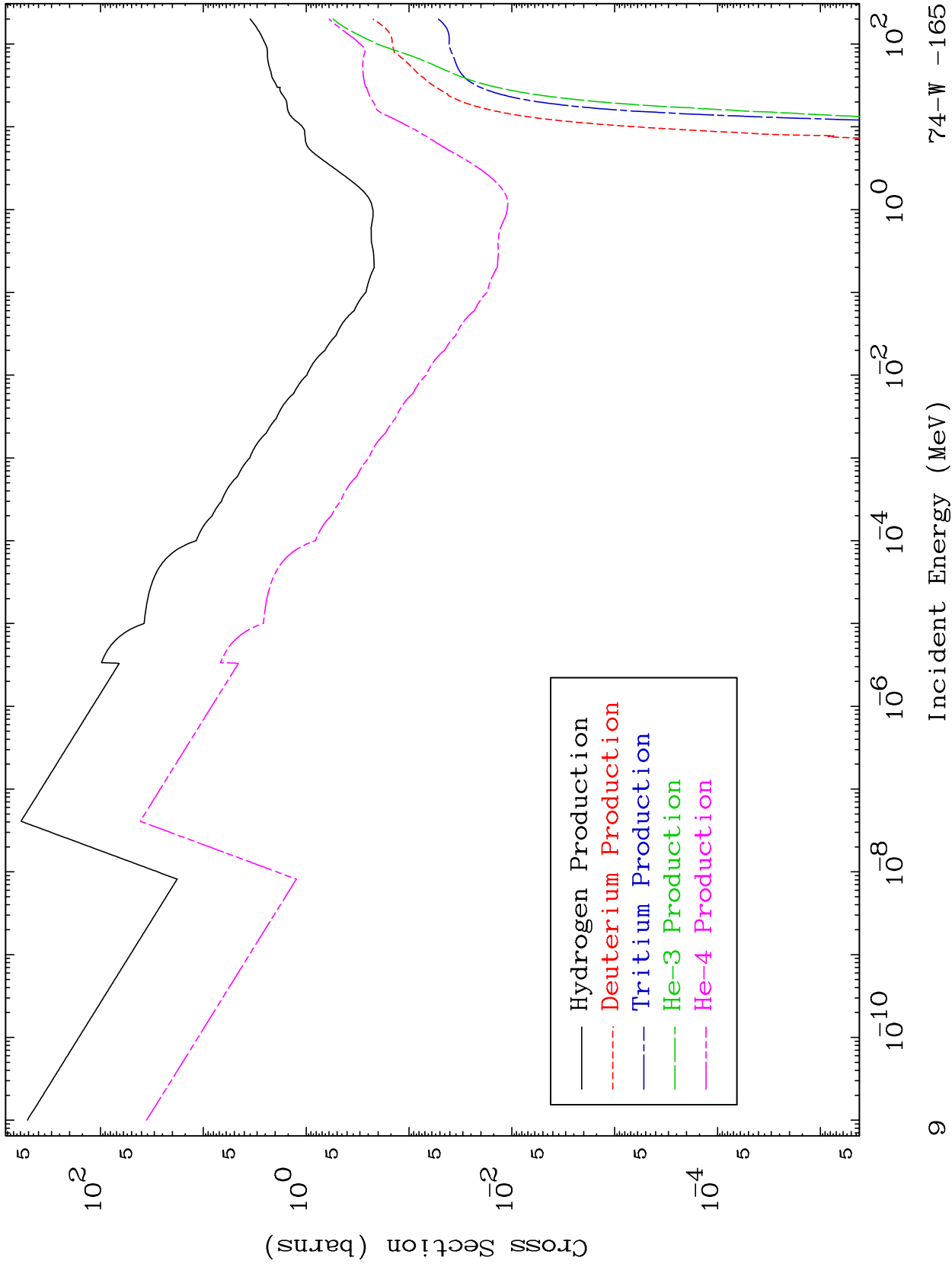
MAT 7380

Charged Particle
293 Kelvin Cross Sections

74-W -165



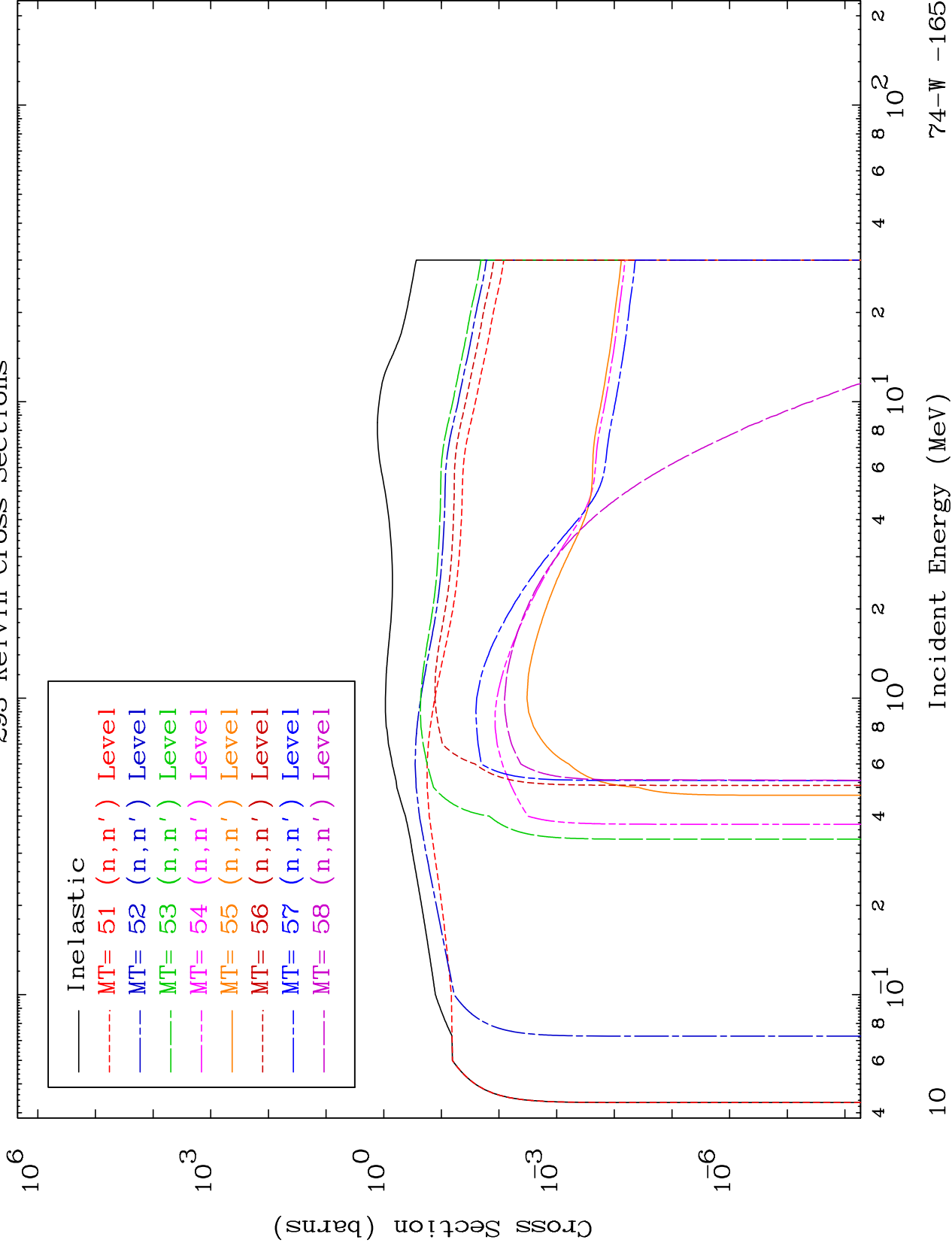
8



MAT 7380

(n,n') Levels
293 Kelvin Cross Sections

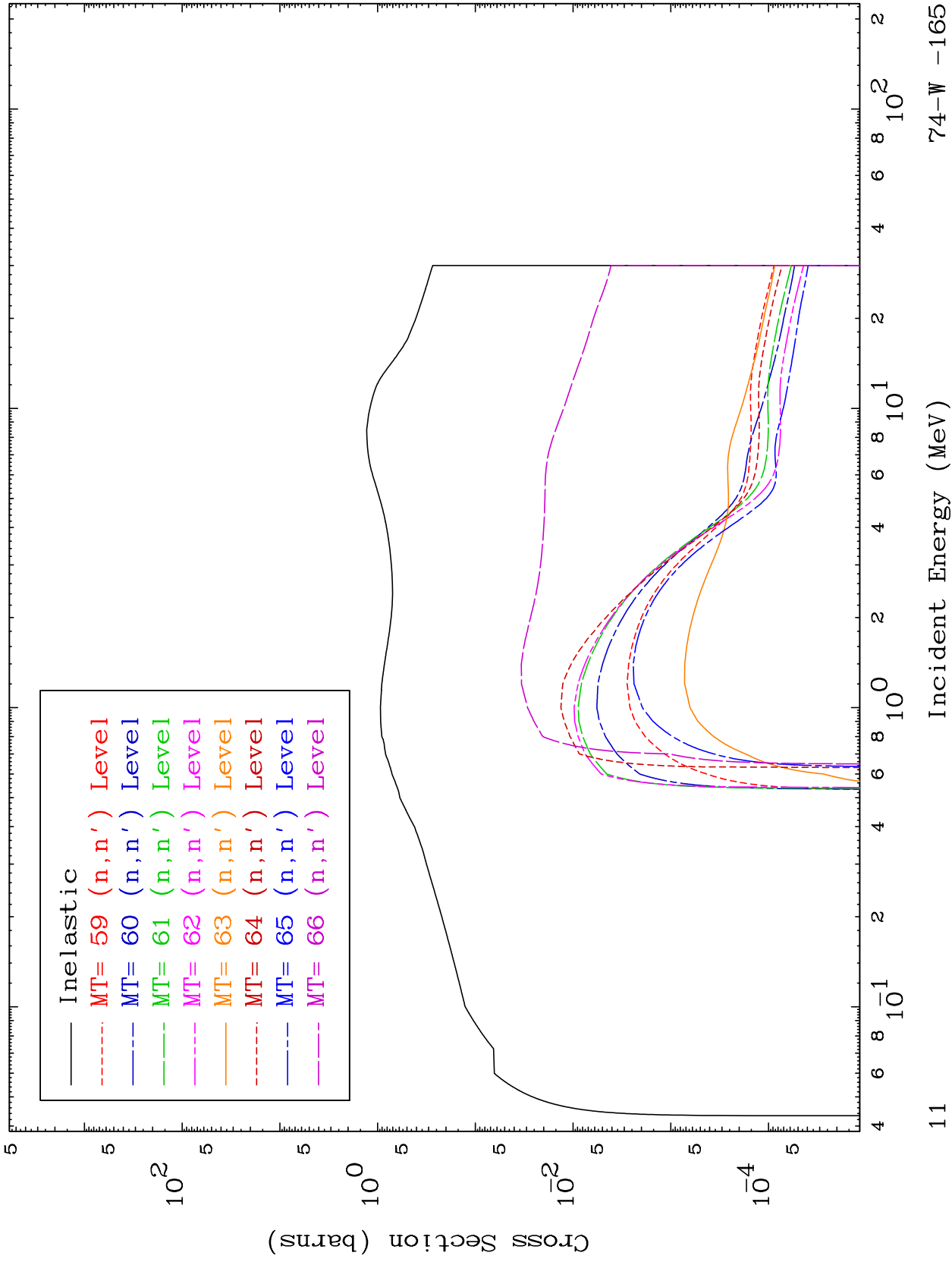
74-W -165



10

Incident Energy (MeV)

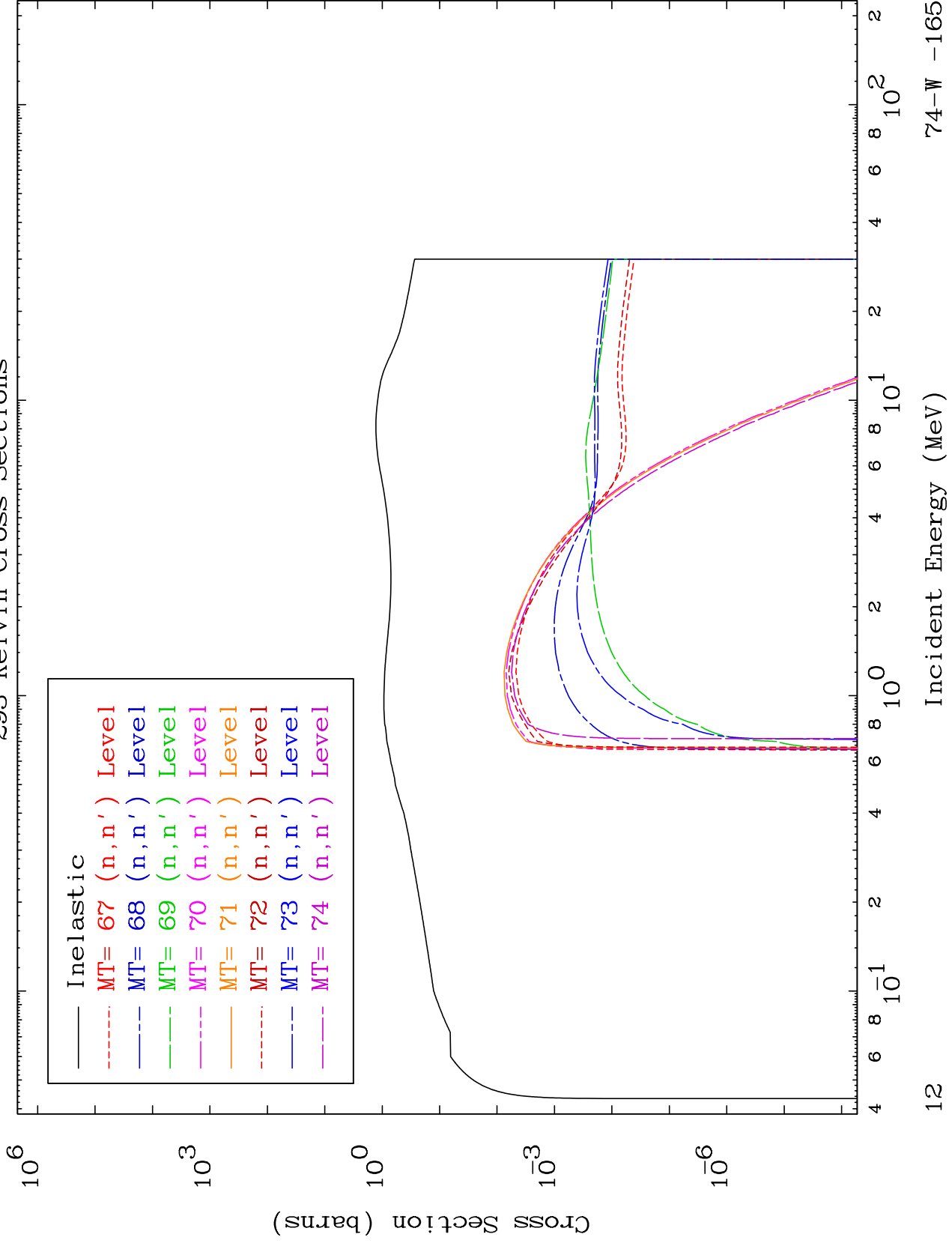
74-W -165

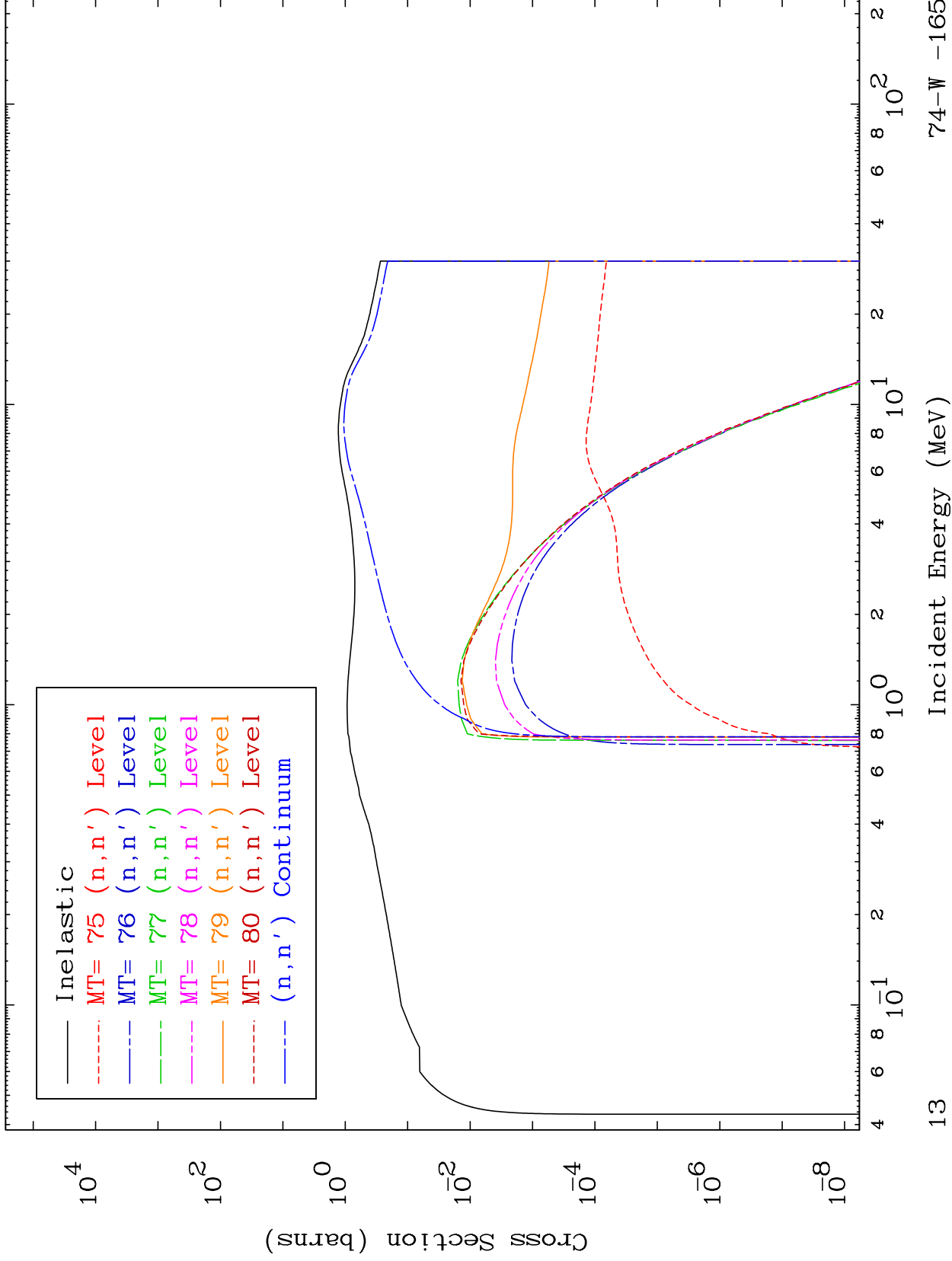


MAT 7380

(n,n') Levels
293 Kelvin Cross Sections

74-W -165

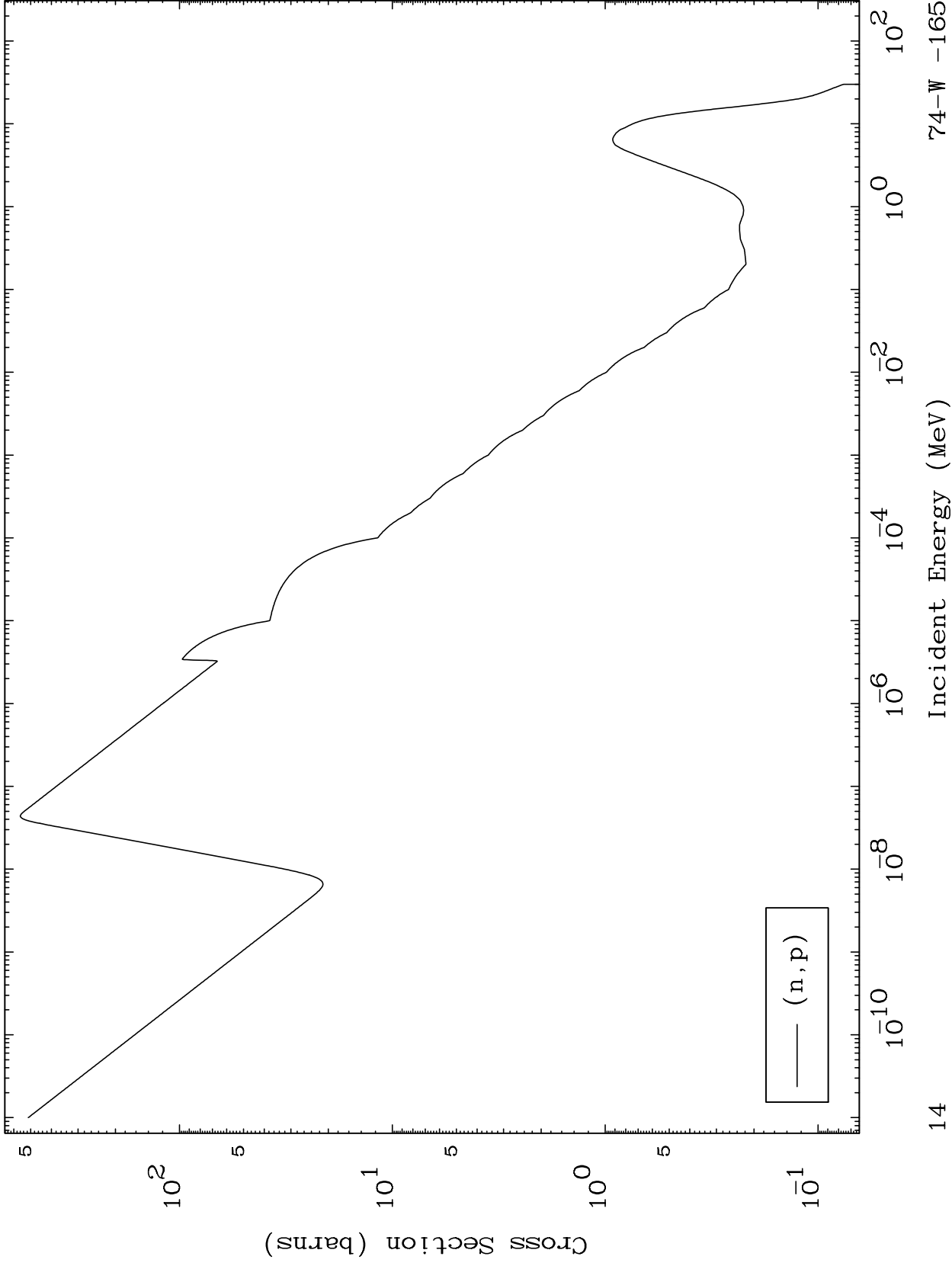




MAT 7380

(n,p) Levels
293 Kelvin Cross Sections

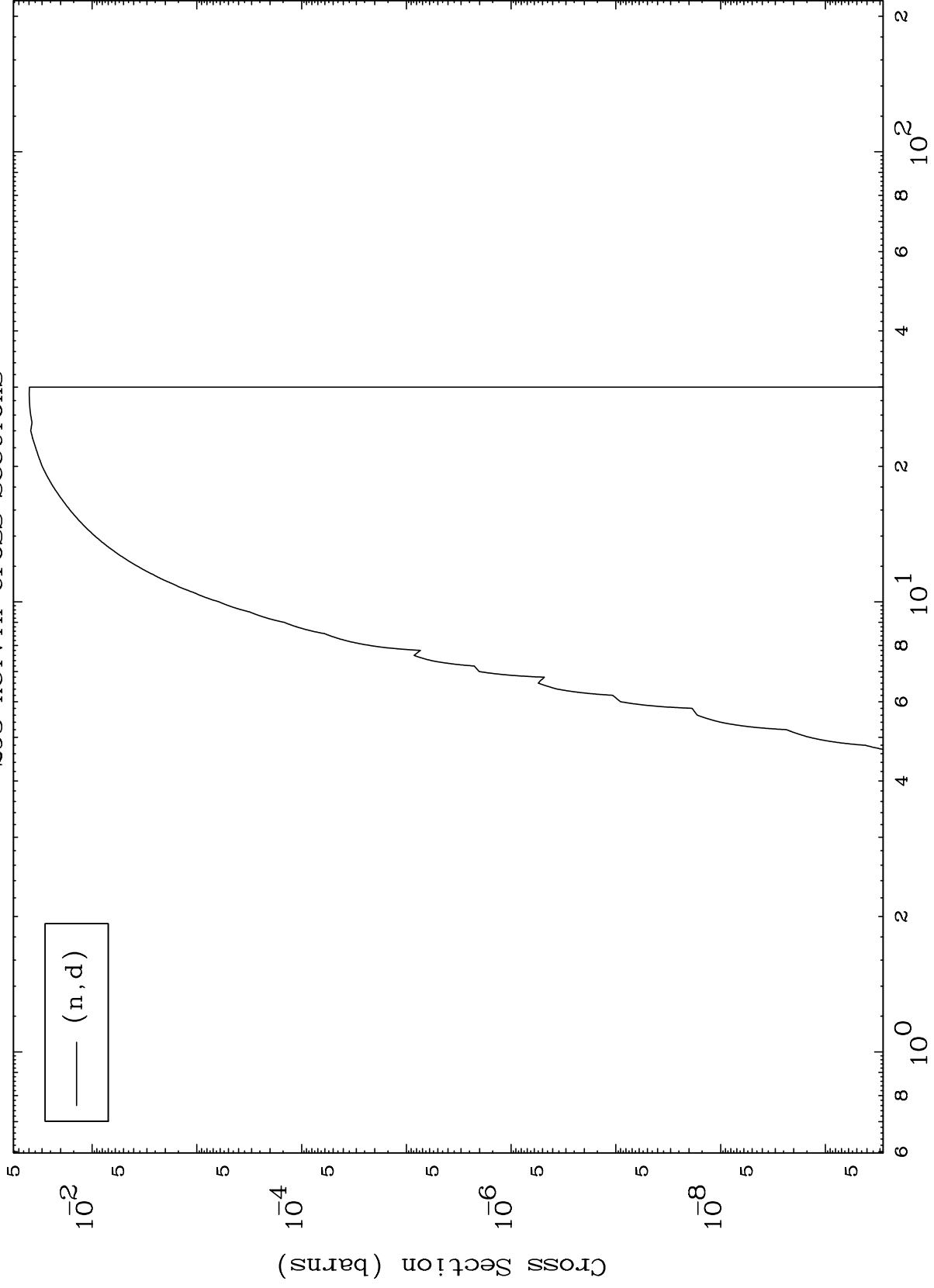
74-W -165



MAT 7380

(n,d) Levels
293 Kelvin Cross Sections

74-W -165



15

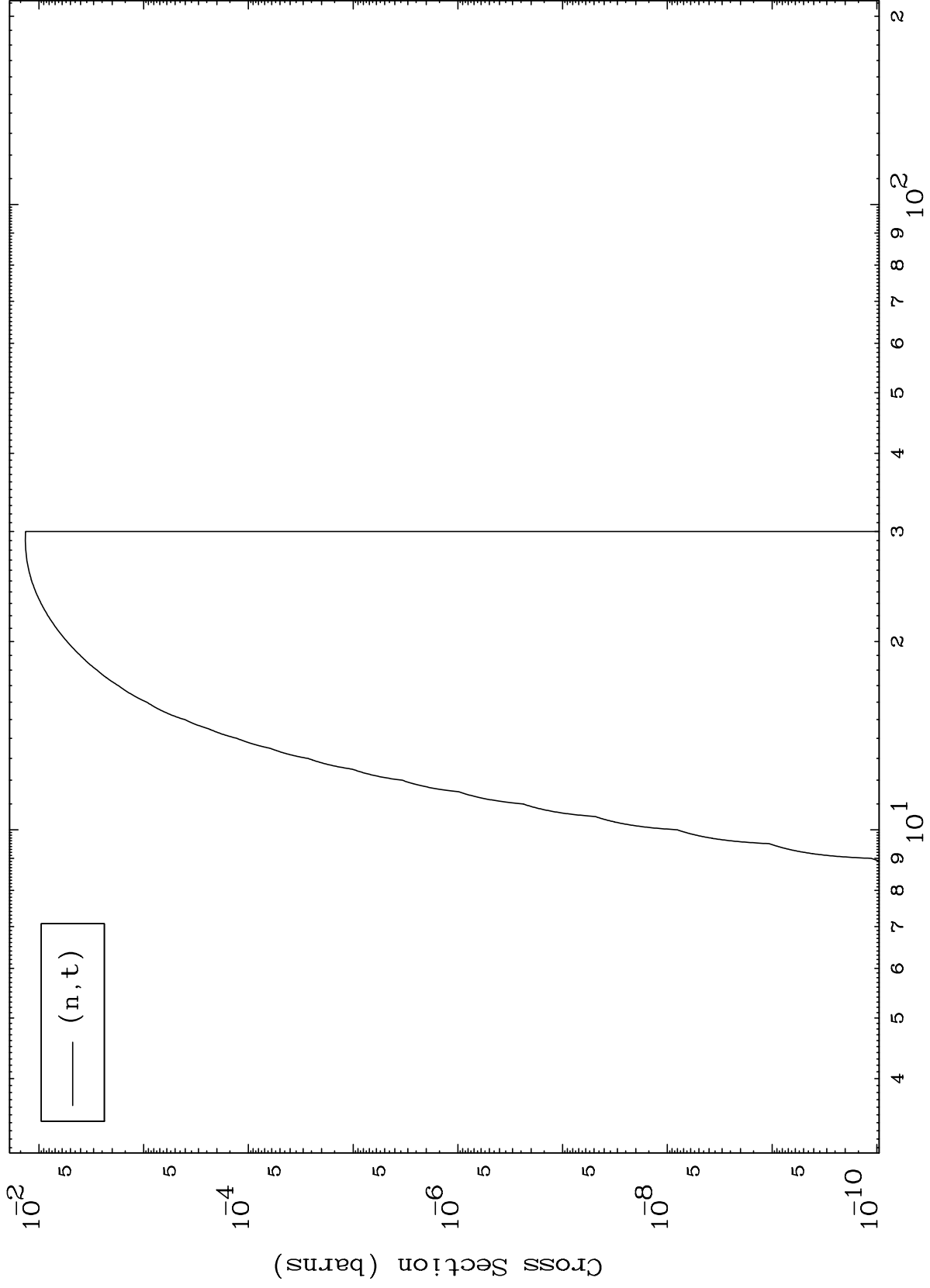
Incident Energy (MeV)

74-W -165

MAT 7380

(n,t) Levels
293 Kelvin Cross Sections

74-W -165



16

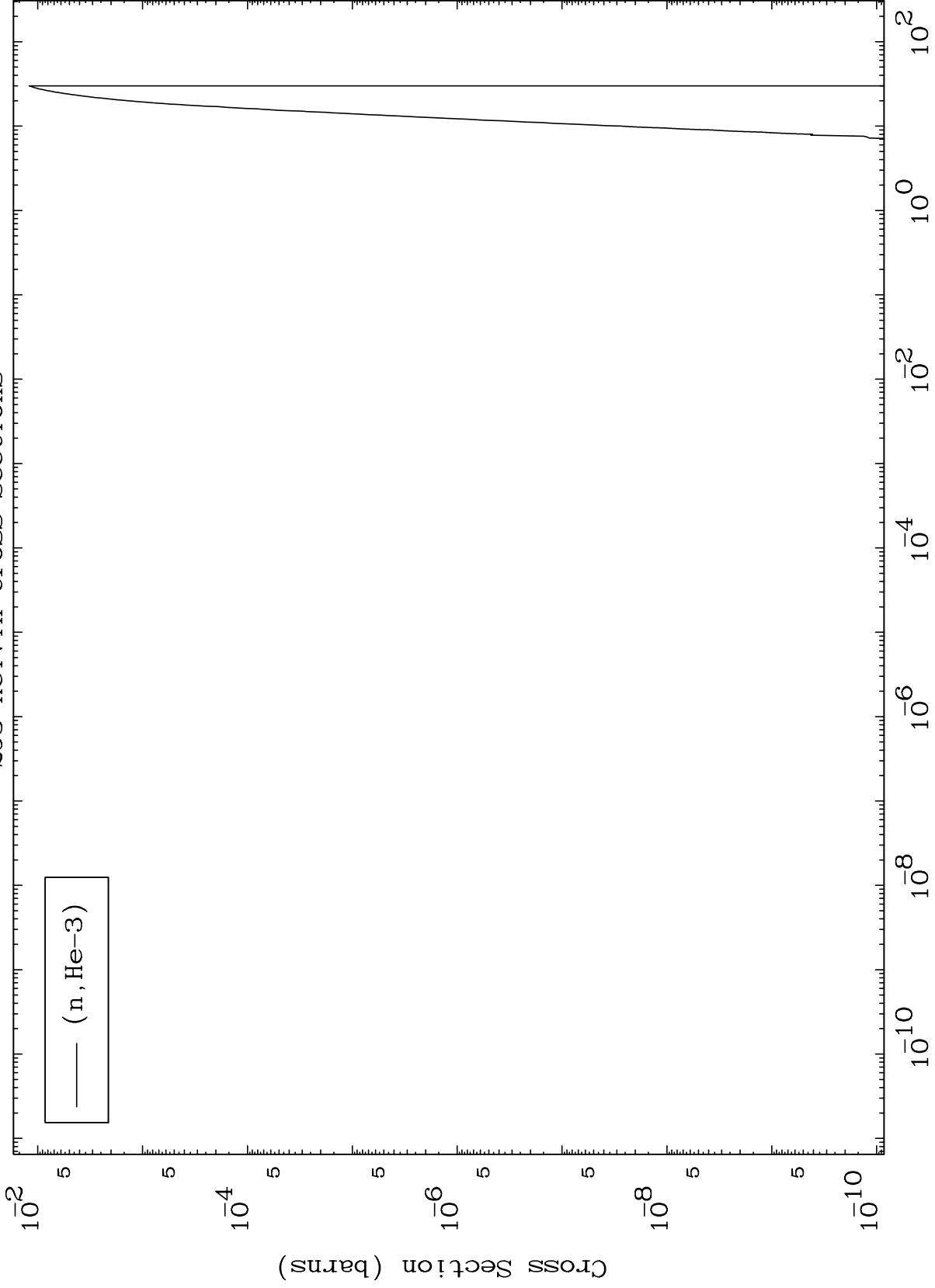
Incident Energy (MeV)

74-W -165

MAT 7380

(n,He3) Levels
293 Kelvin Cross Sections

74-W -165



17

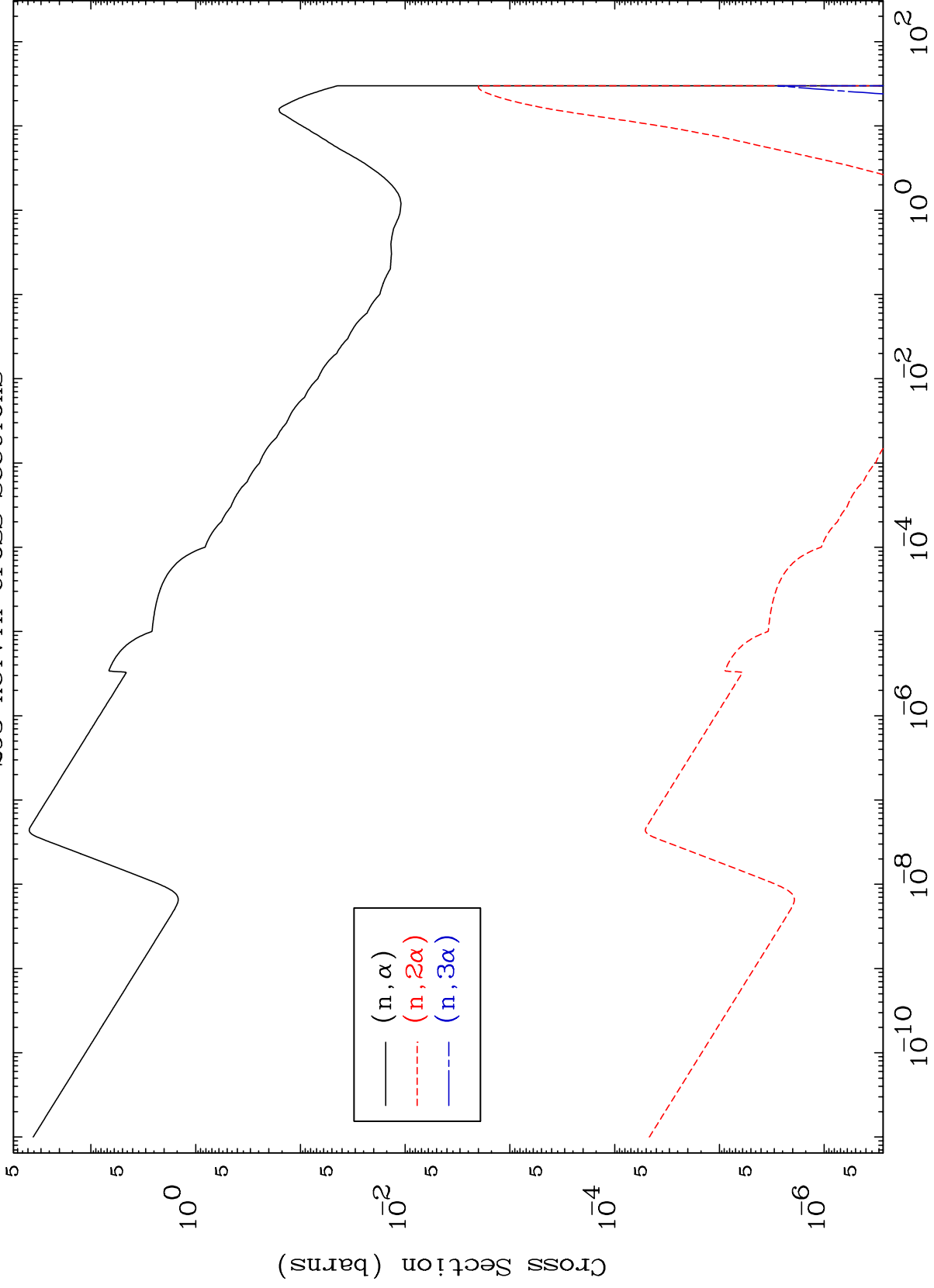
Incident Energy (MeV)

74-W -165

MAT 7380

(n, α) Levels
293 Kelvin Cross Sections

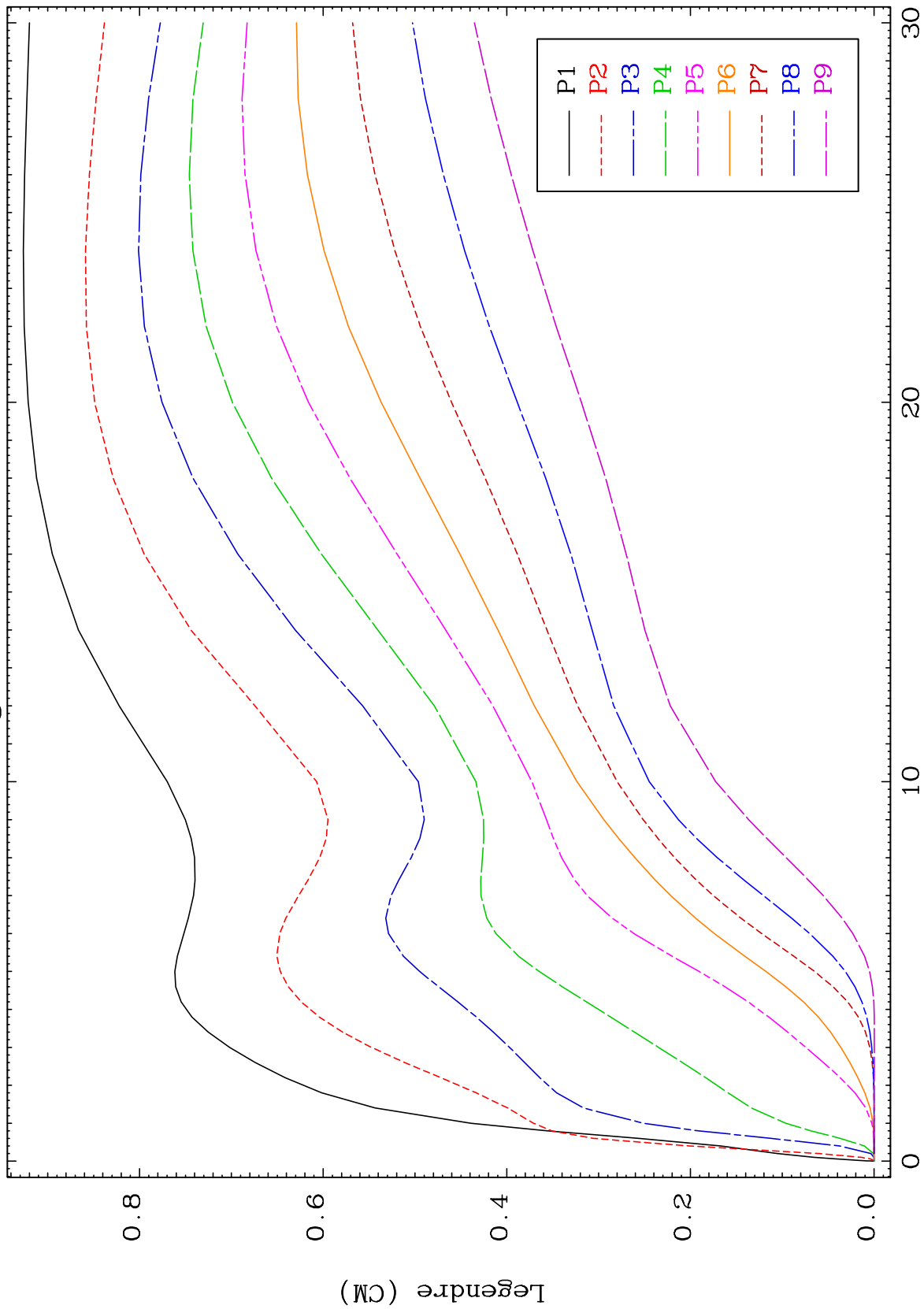
74-W -165



MAT 7380

Elastic Legendre Coefficients

74-W -165



19

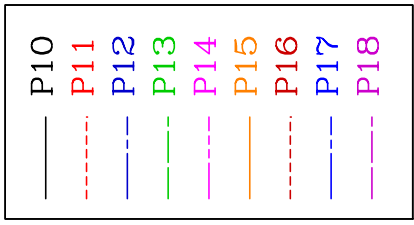
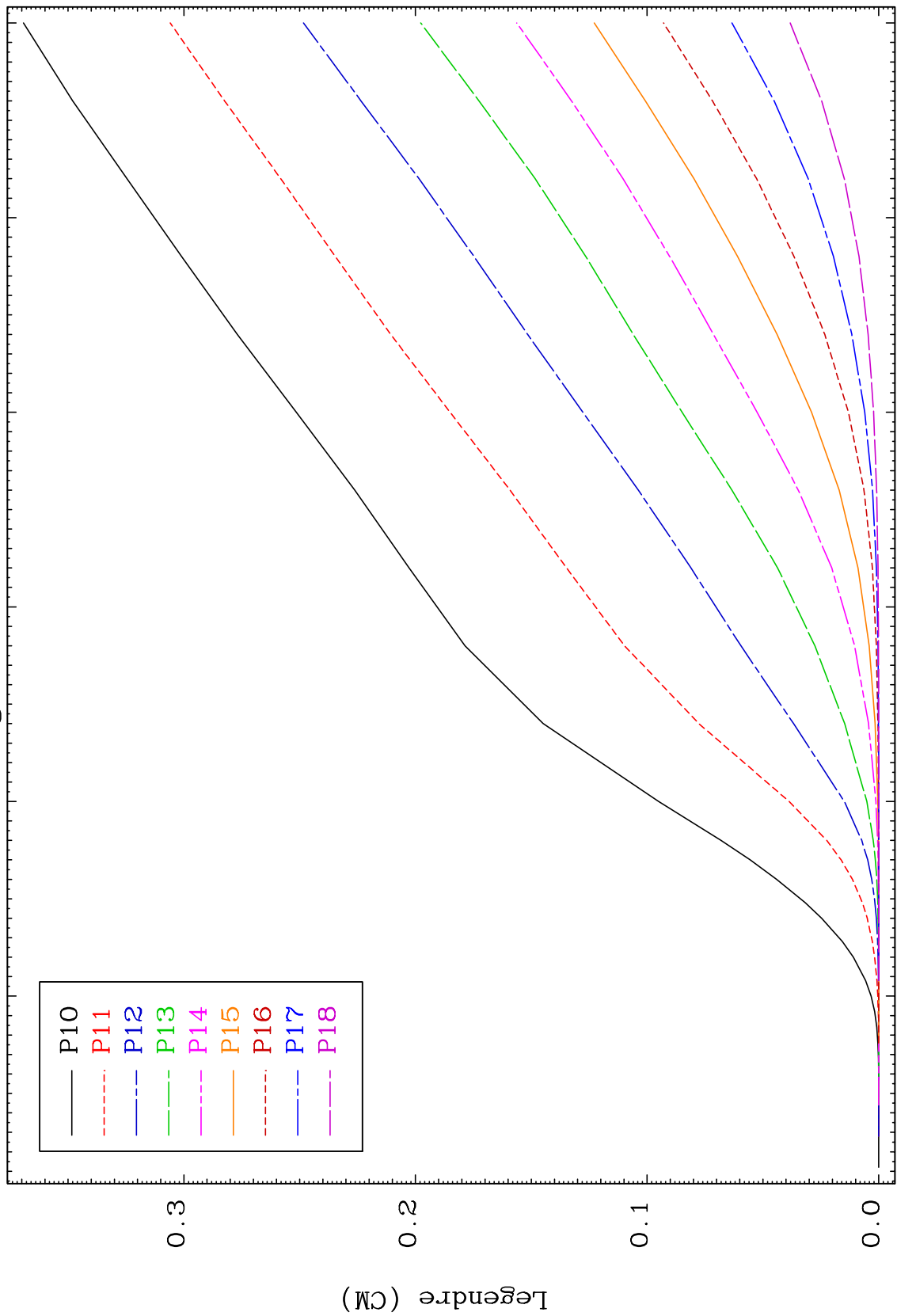
Incident Energy (MeV)

74-W -165

MAT 7380

Elastic
Legendre Coefficients

74-W -165



Legendre (CM)

0.3
0.2
0.1
0.0

5

10

15

20

25

30

20

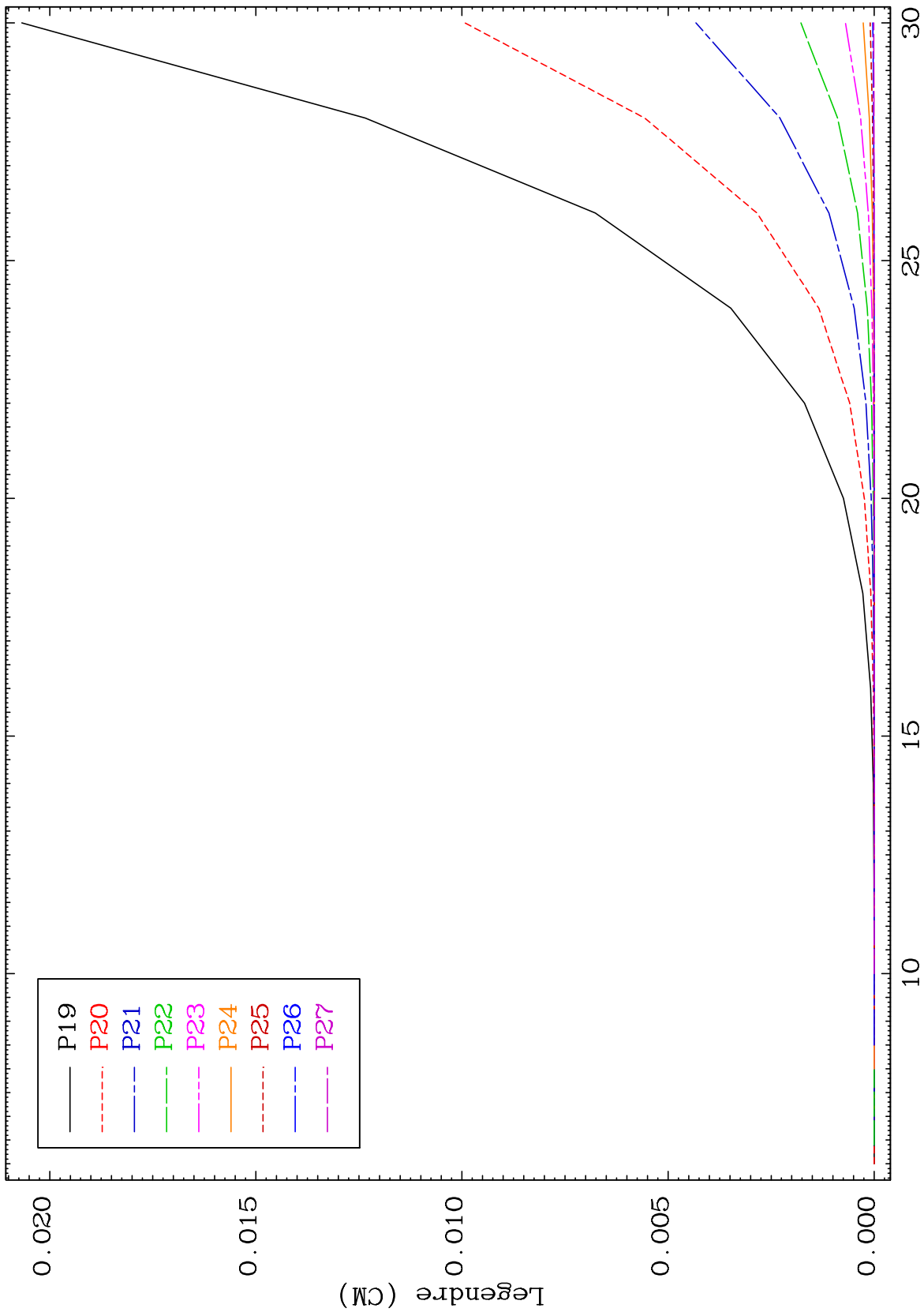
Incident Energy (MeV)

74-W -165

MAT 7380

Elastic Legendre Coefficients

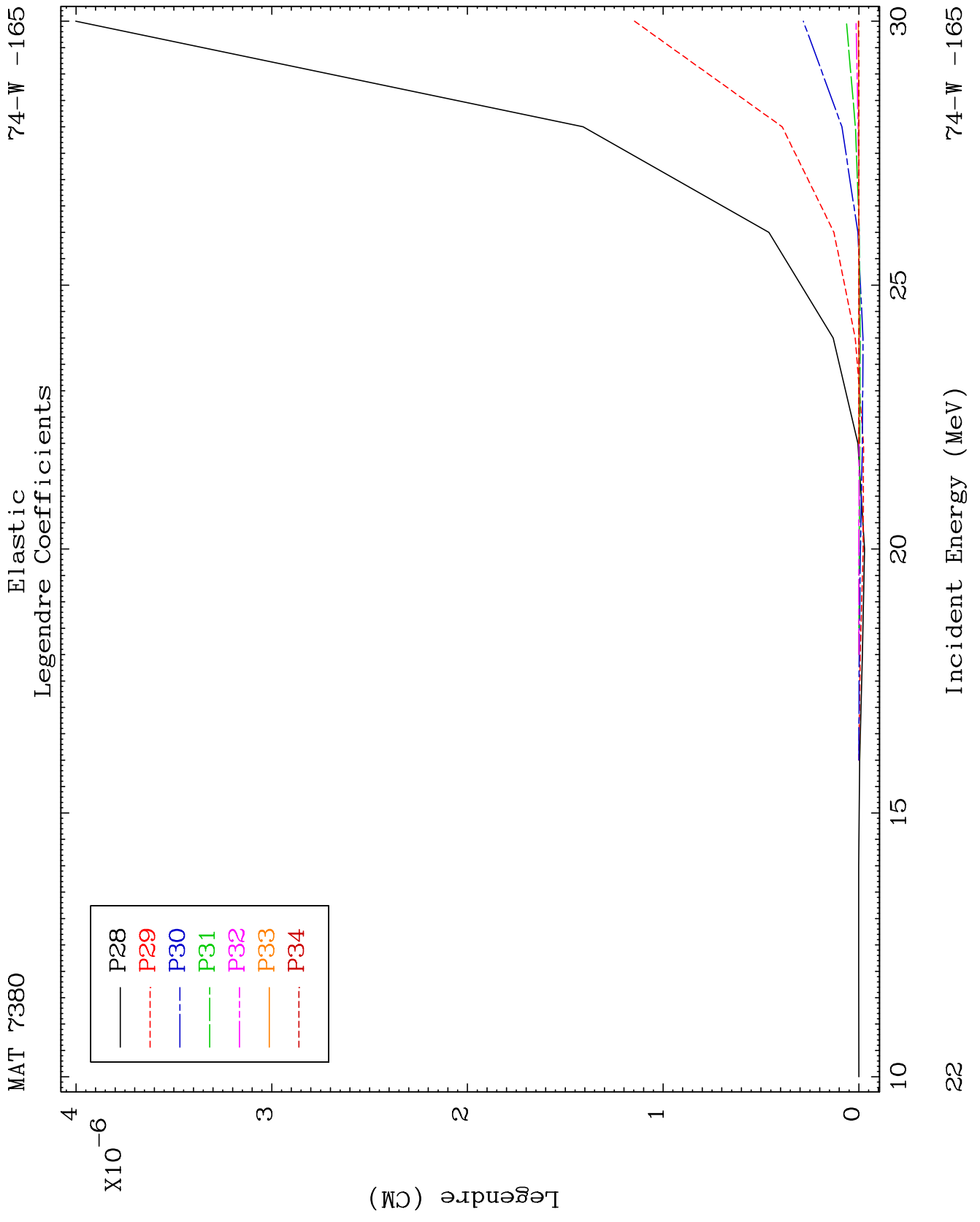
74-W -165



21

Incident Energy (MeV)

74-W -165



74-W -165

74-W -165

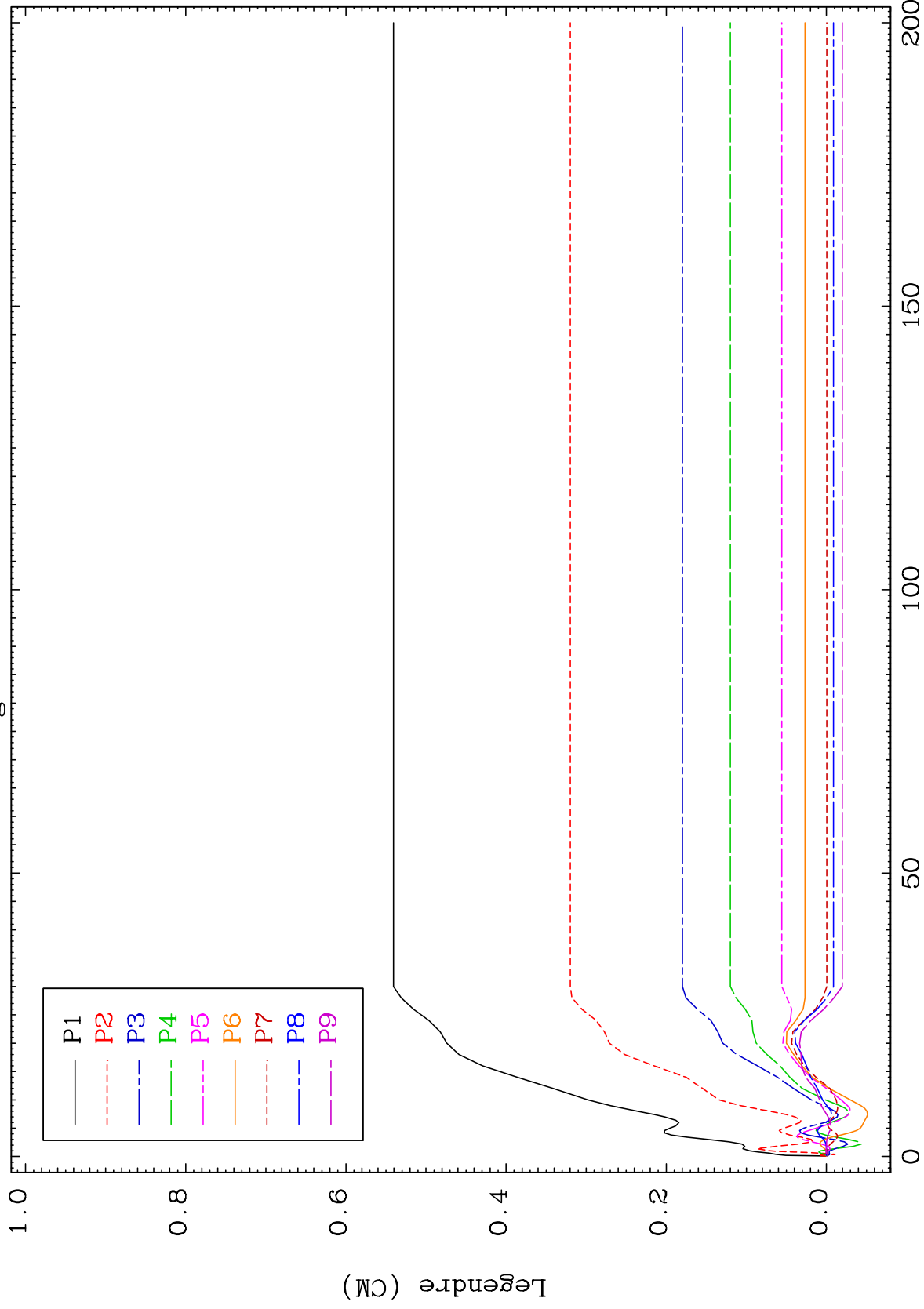
Incident Energy (MeV)

22

MAT 7380

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

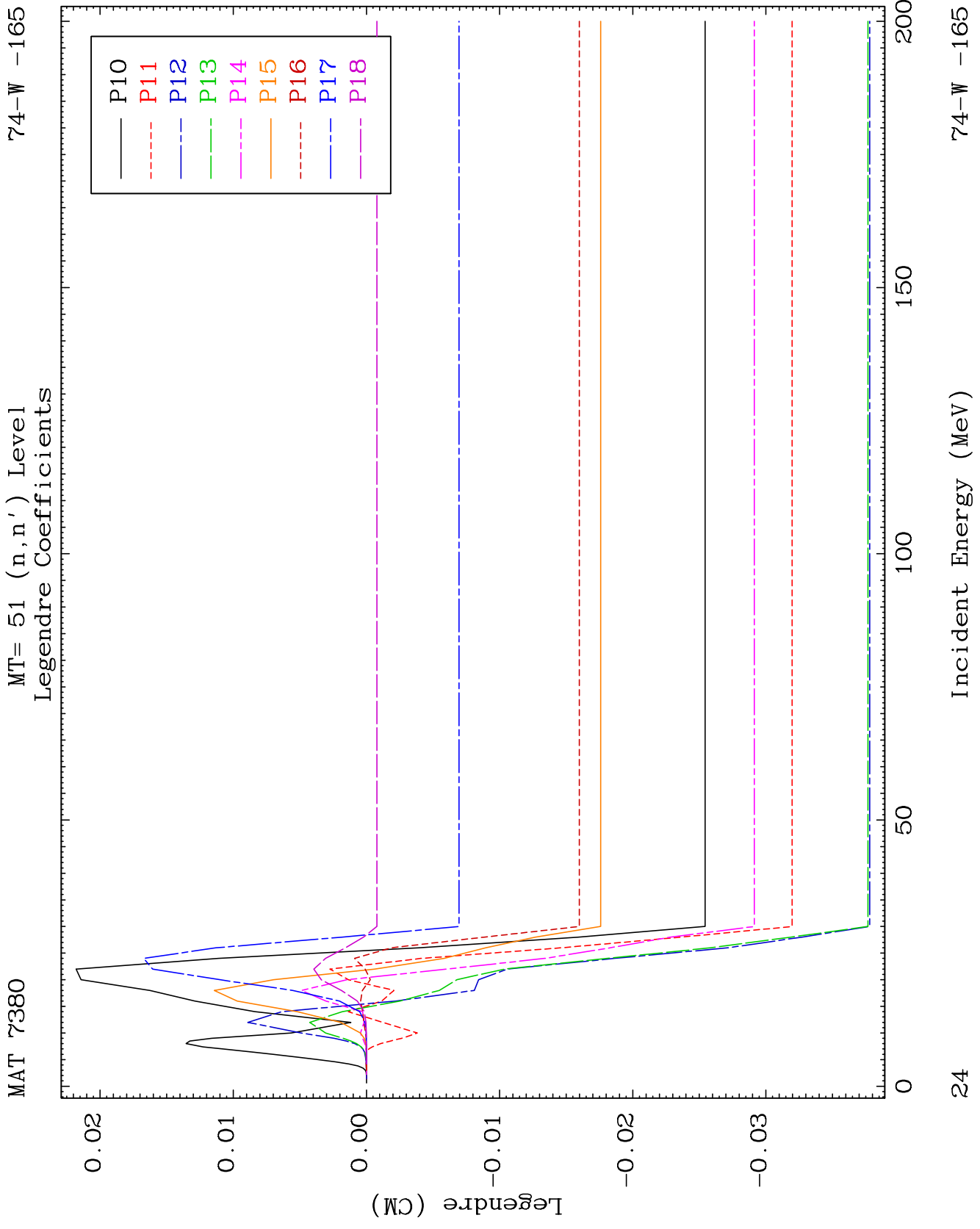
74-W -165



23

Incident Energy (MeV)

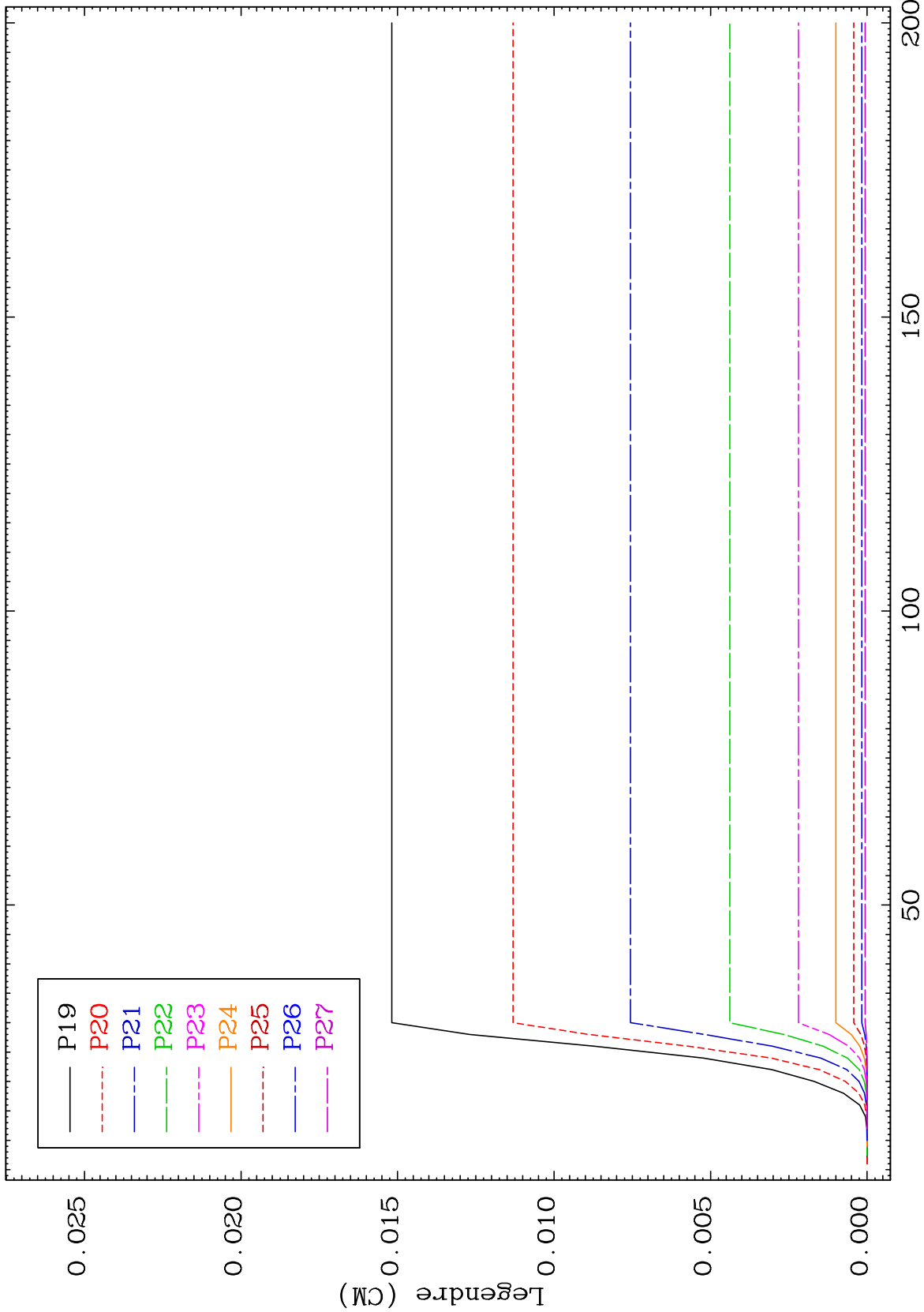
74-W -165



MAT 7380

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

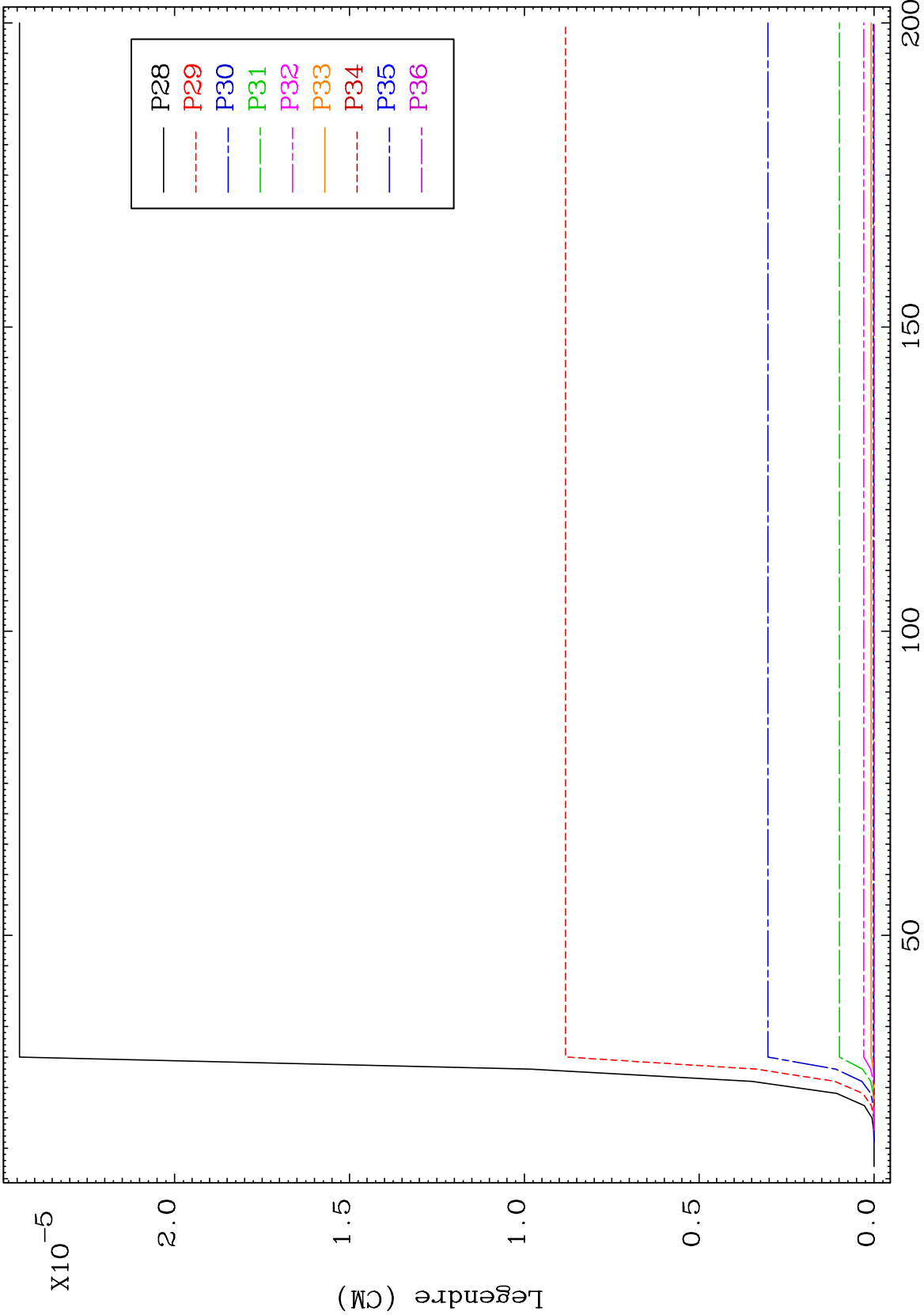
74-W -165



25

Incident Energy (MeV)

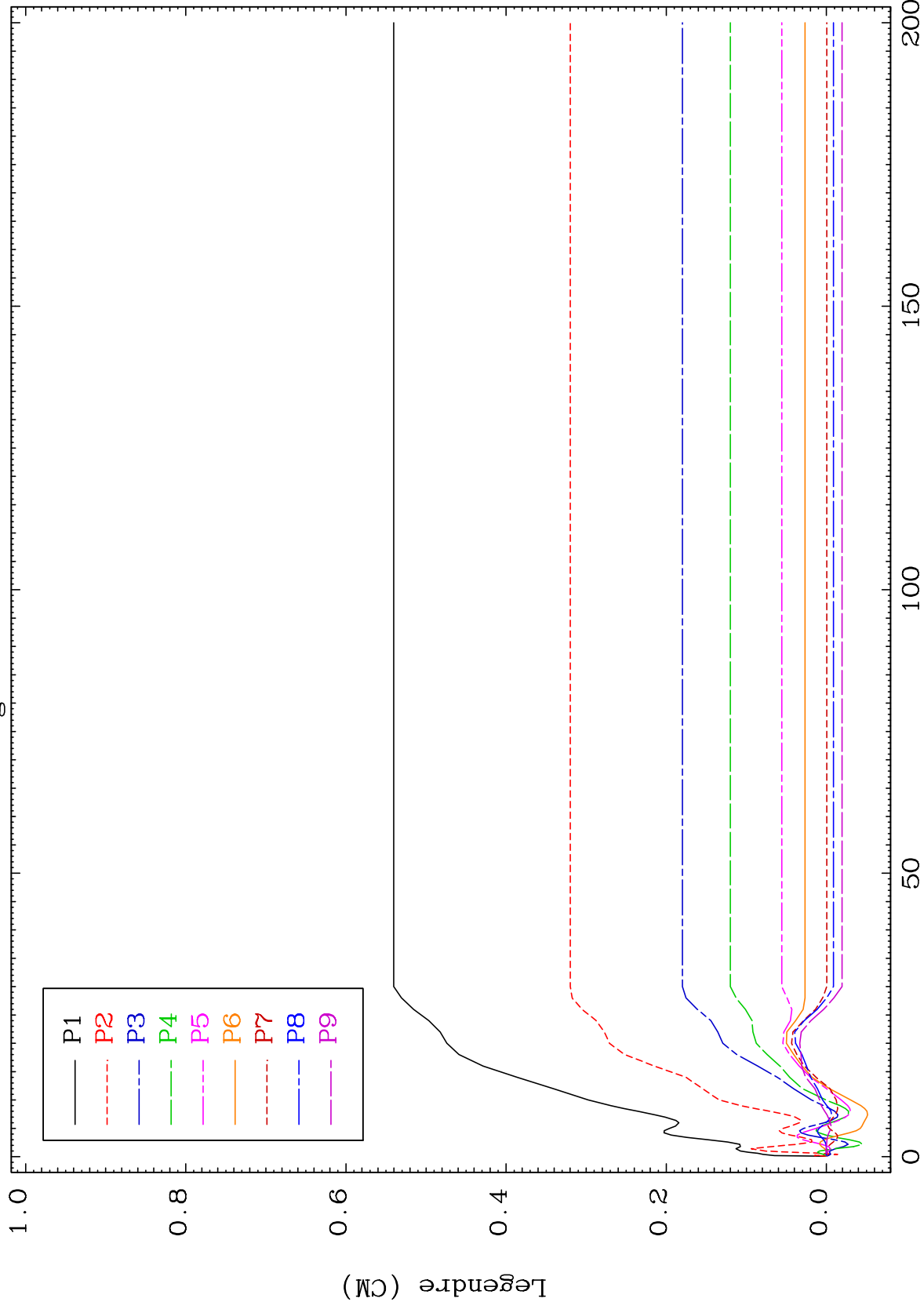
74-W -165



MAT 7380

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

74-W -165



27

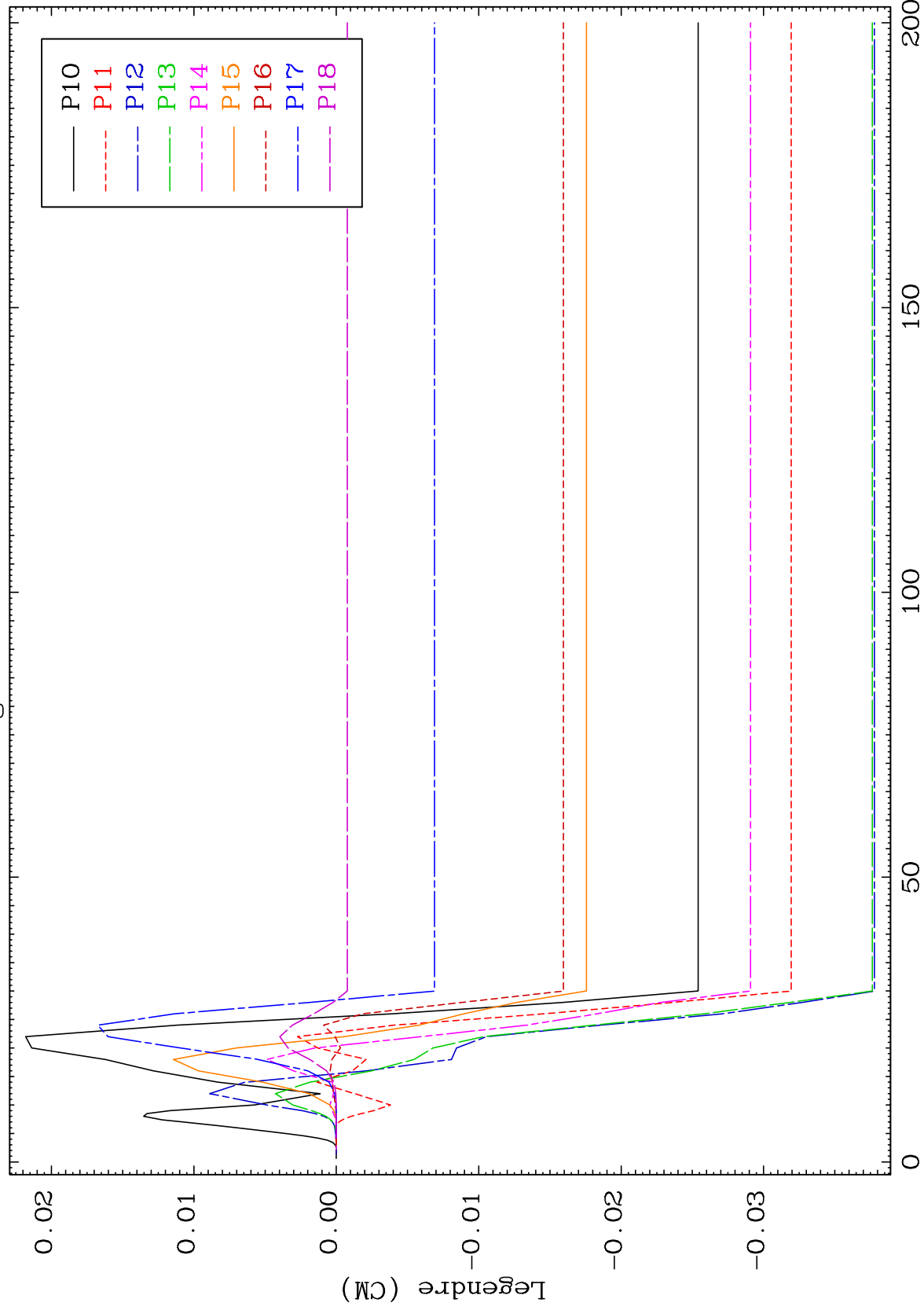
Incident Energy (MeV)

74-W -165

MAT 7380

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

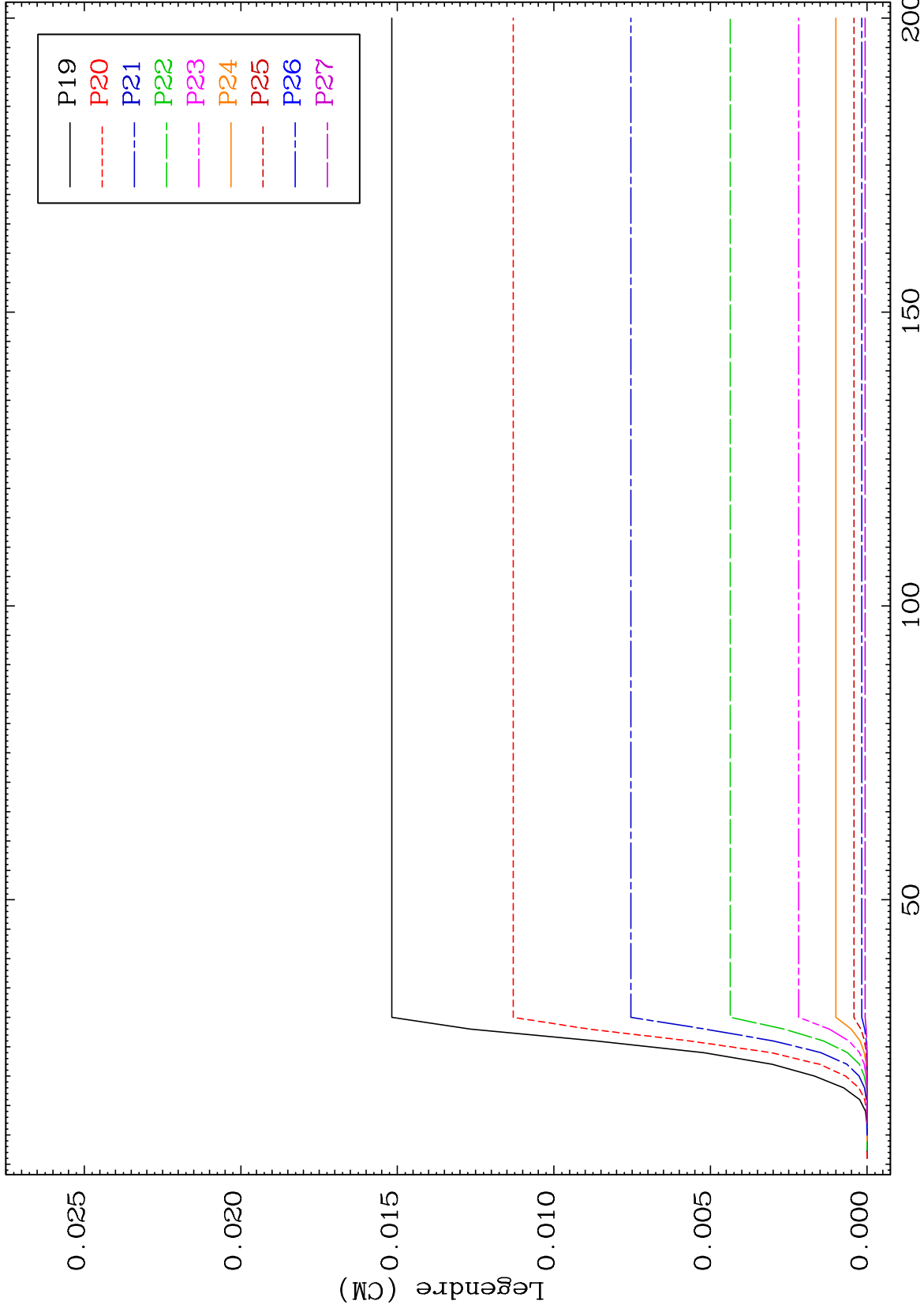
74-W -165



28

Incident Energy (MeV)

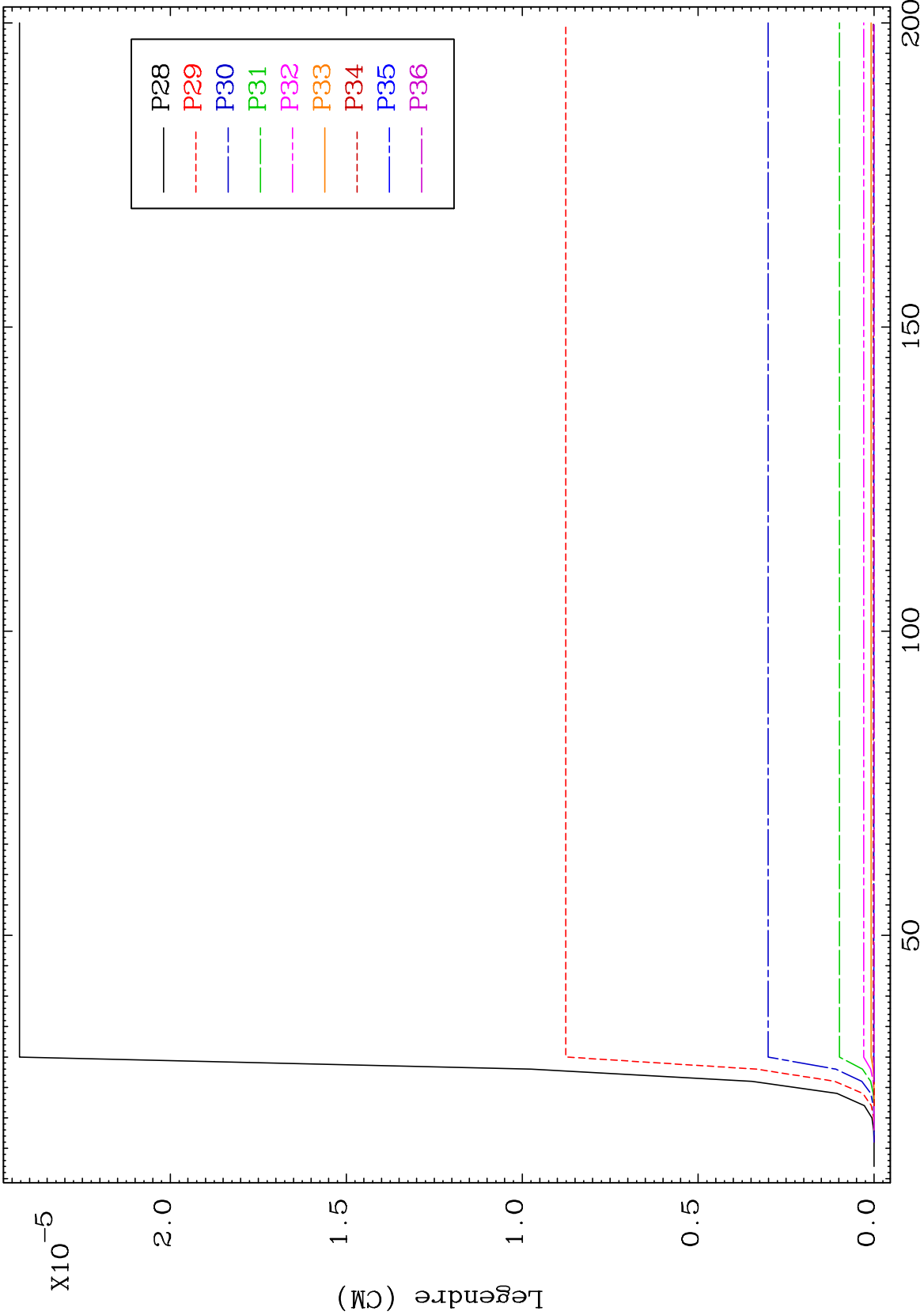
74-W -165



MAT 7380

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

74-W -165



30

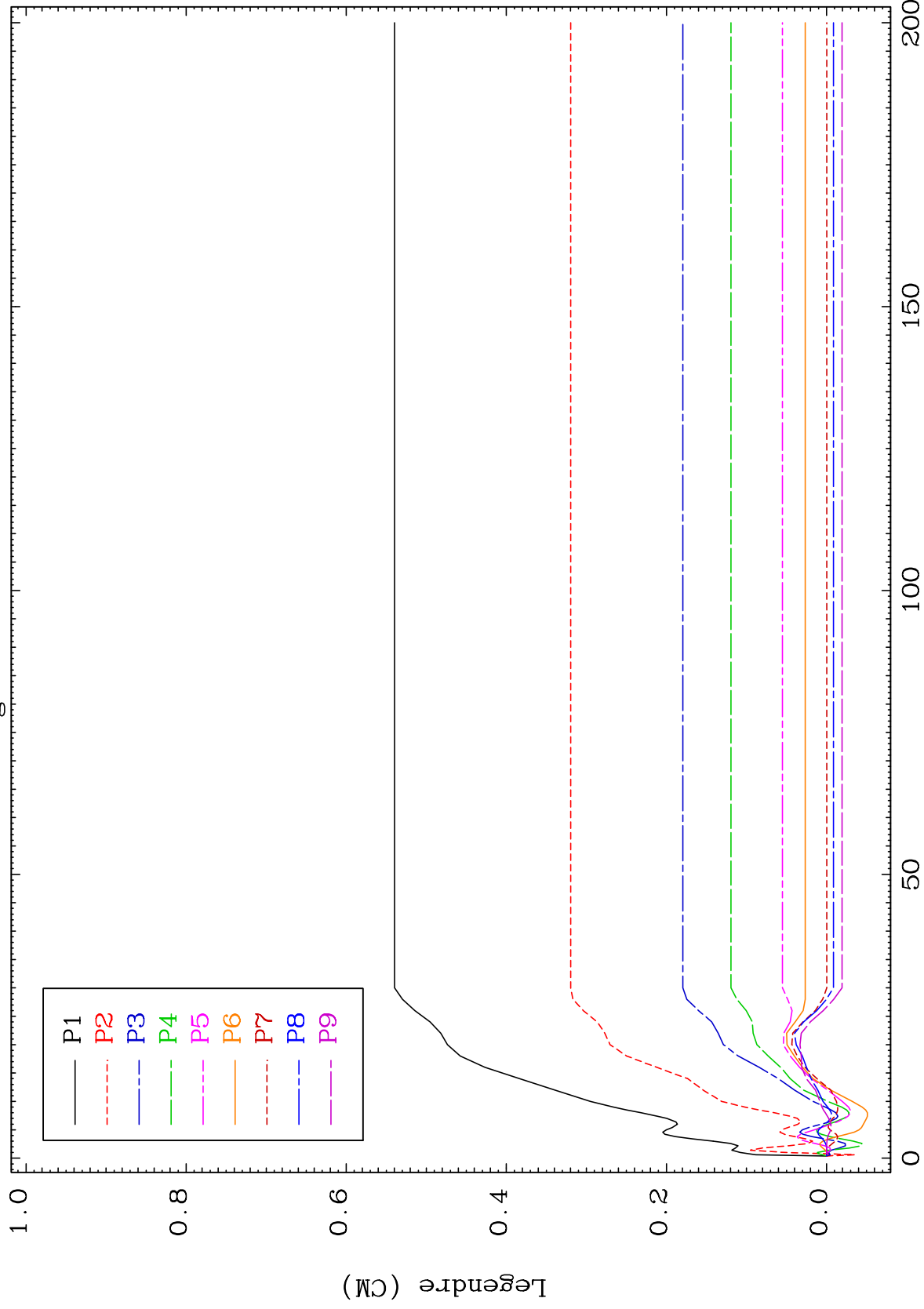
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



31

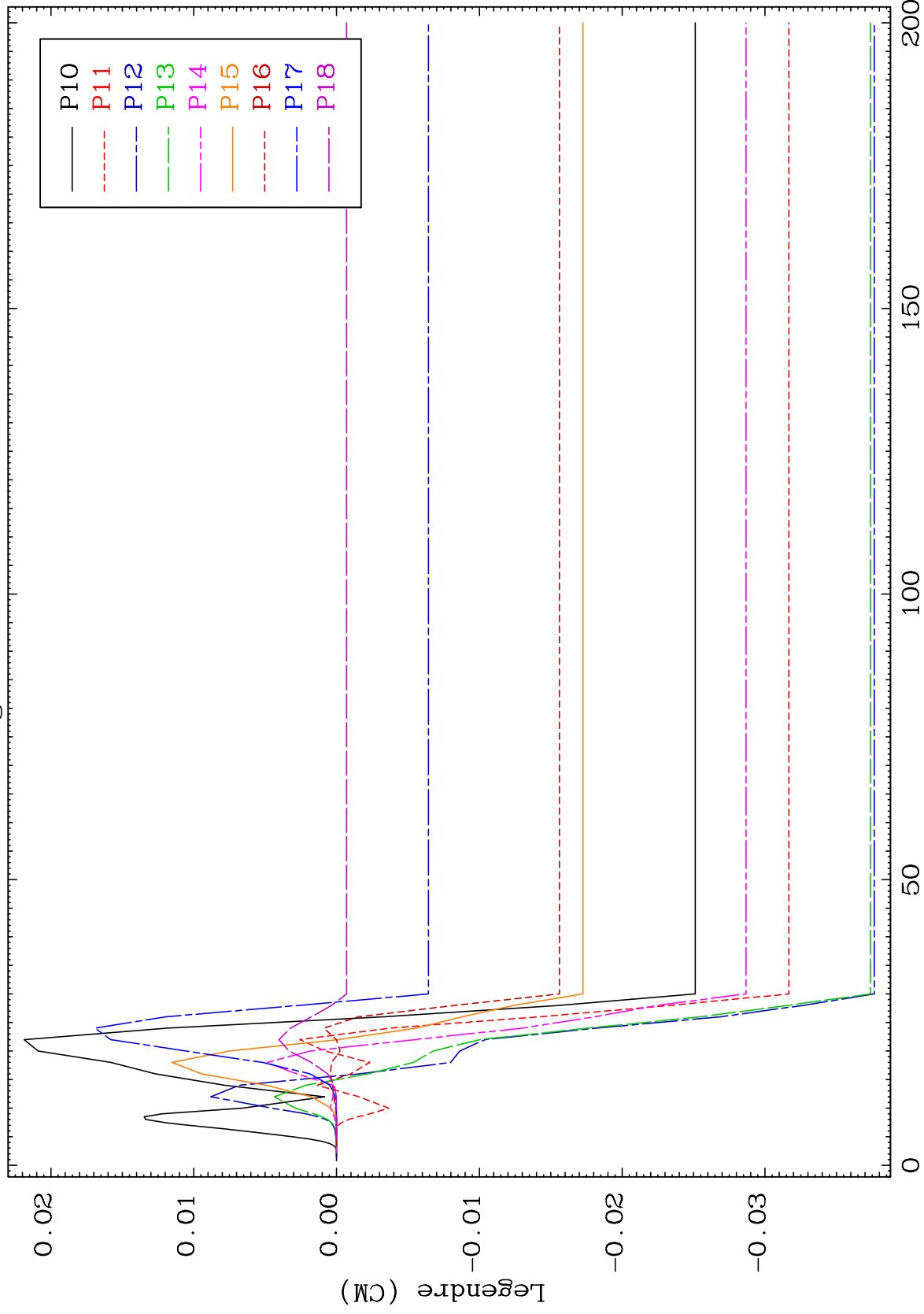
Incident Energy (MeV)

74-W -165

MAT 7380

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

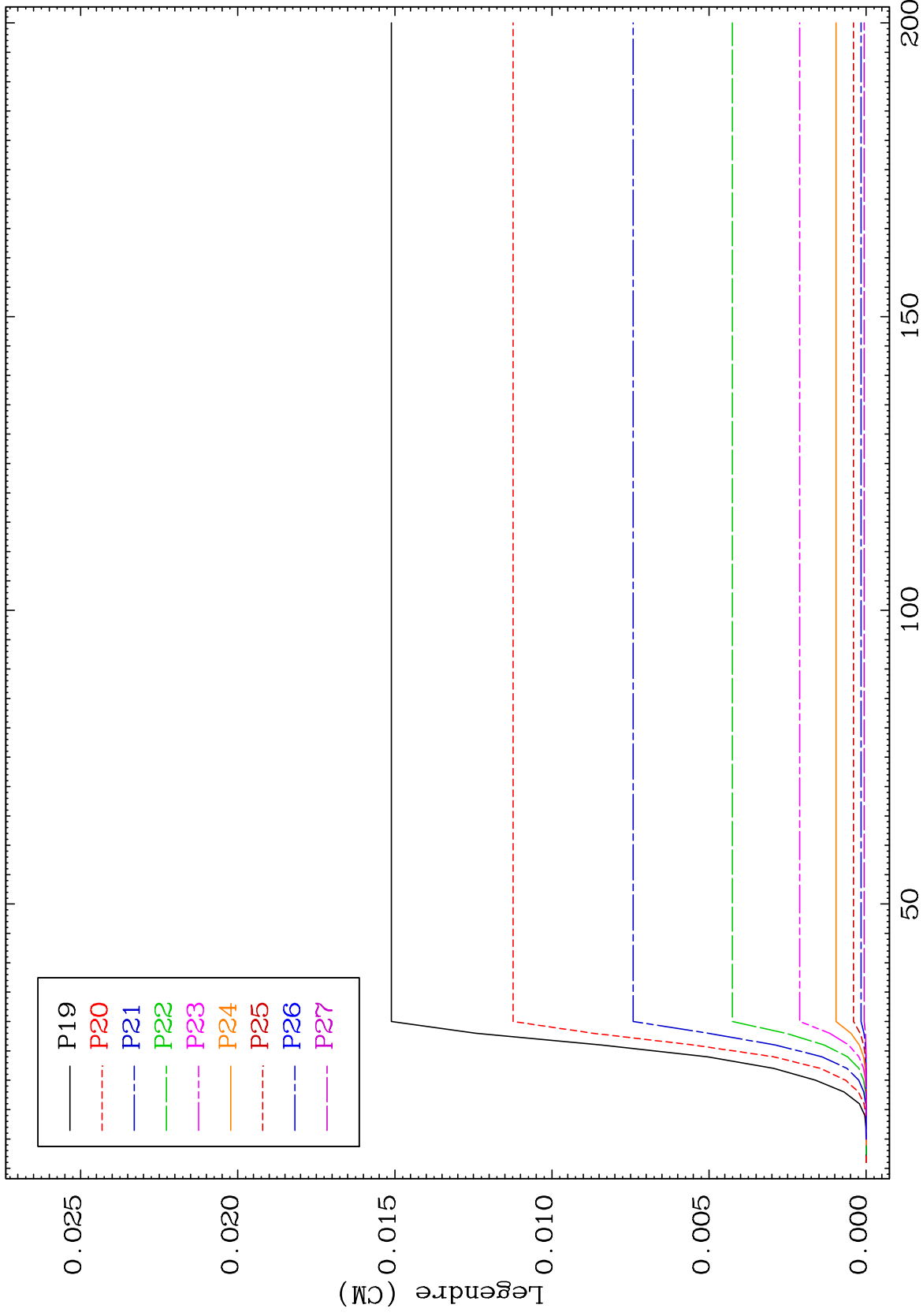
74-W -165



32

Incident Energy (MeV)

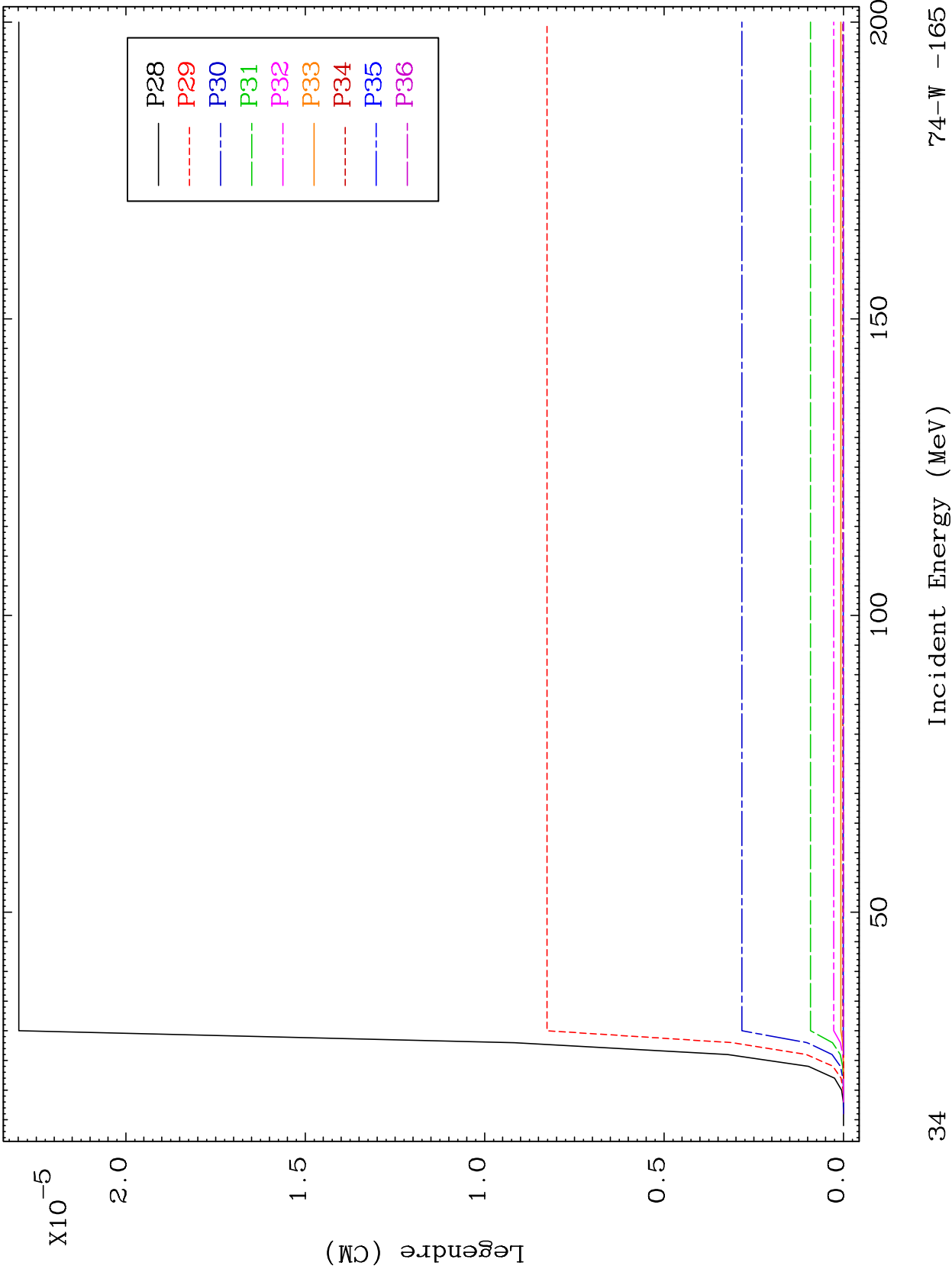
74-W -165



MAT 7380

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

74-W -165



34

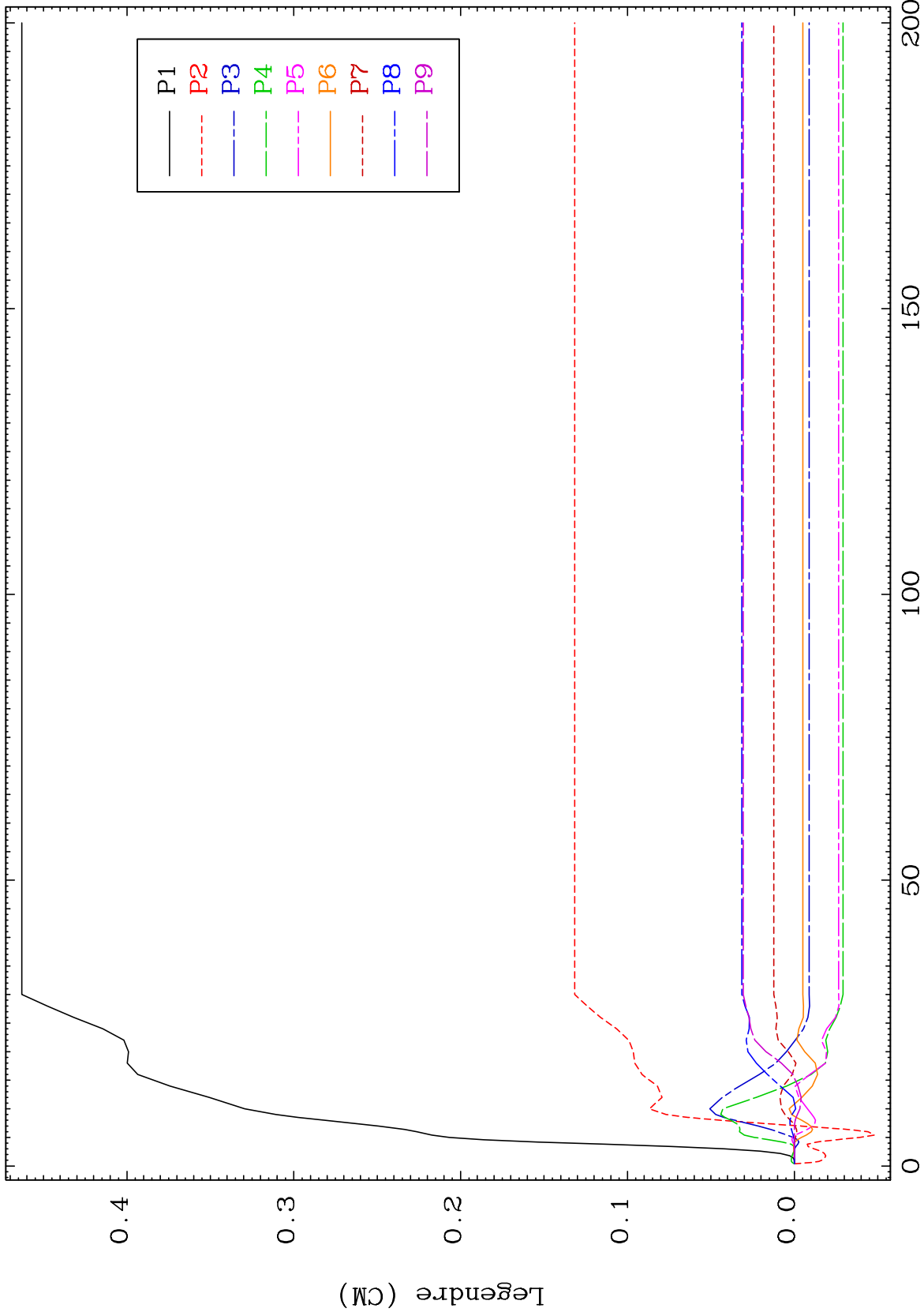
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



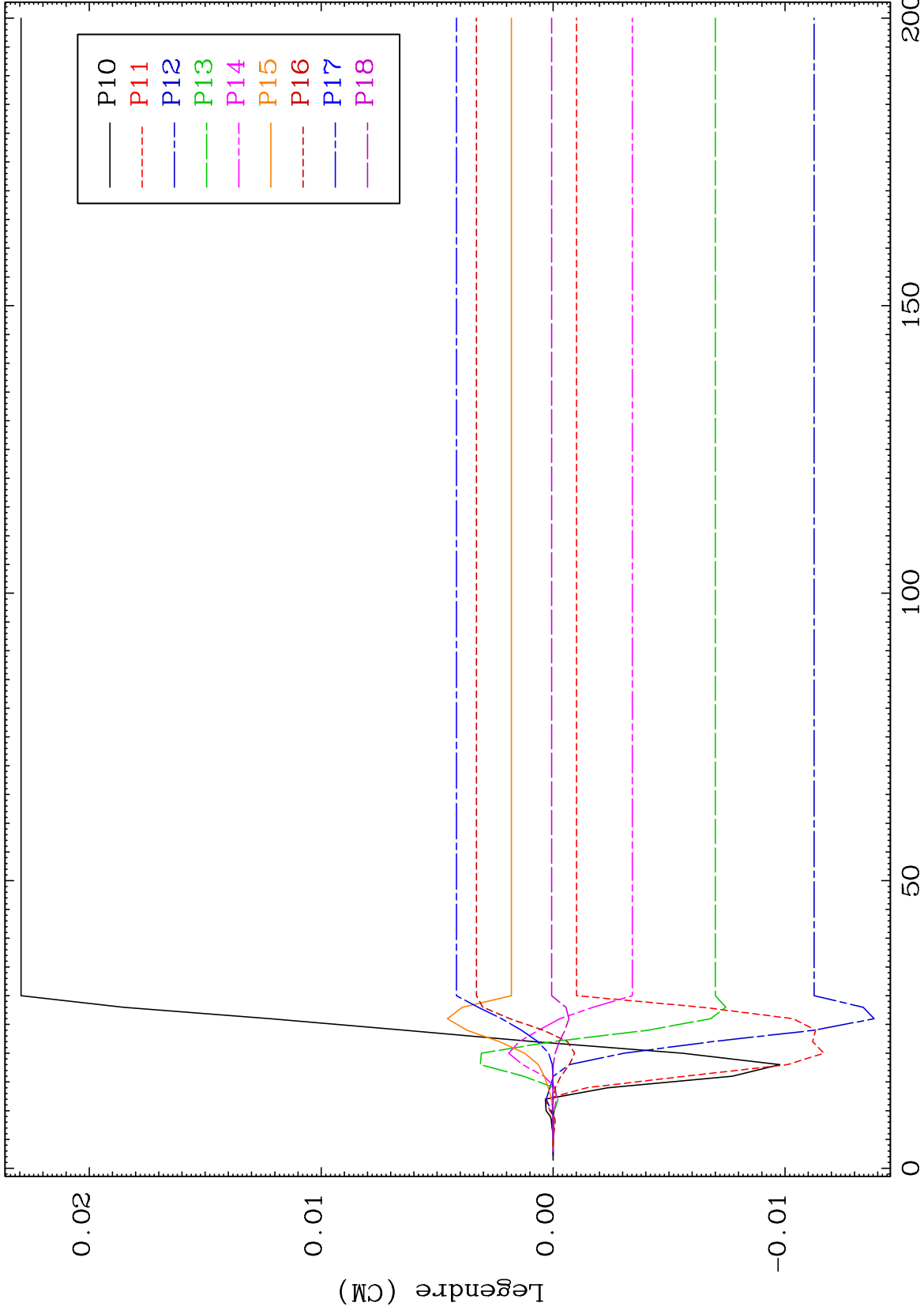
35

74-W -165

MAT 7380

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

74-W -165



36

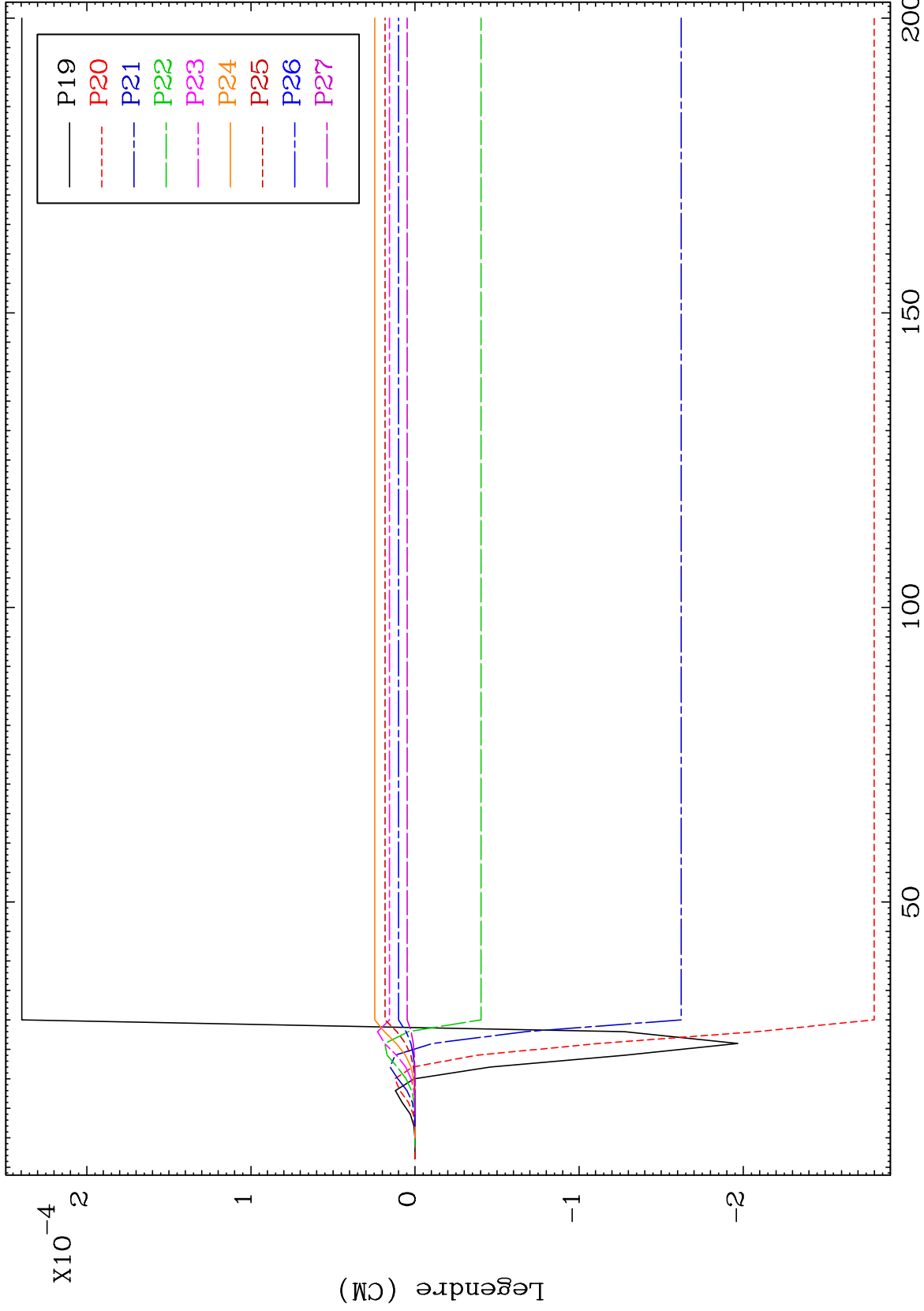
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



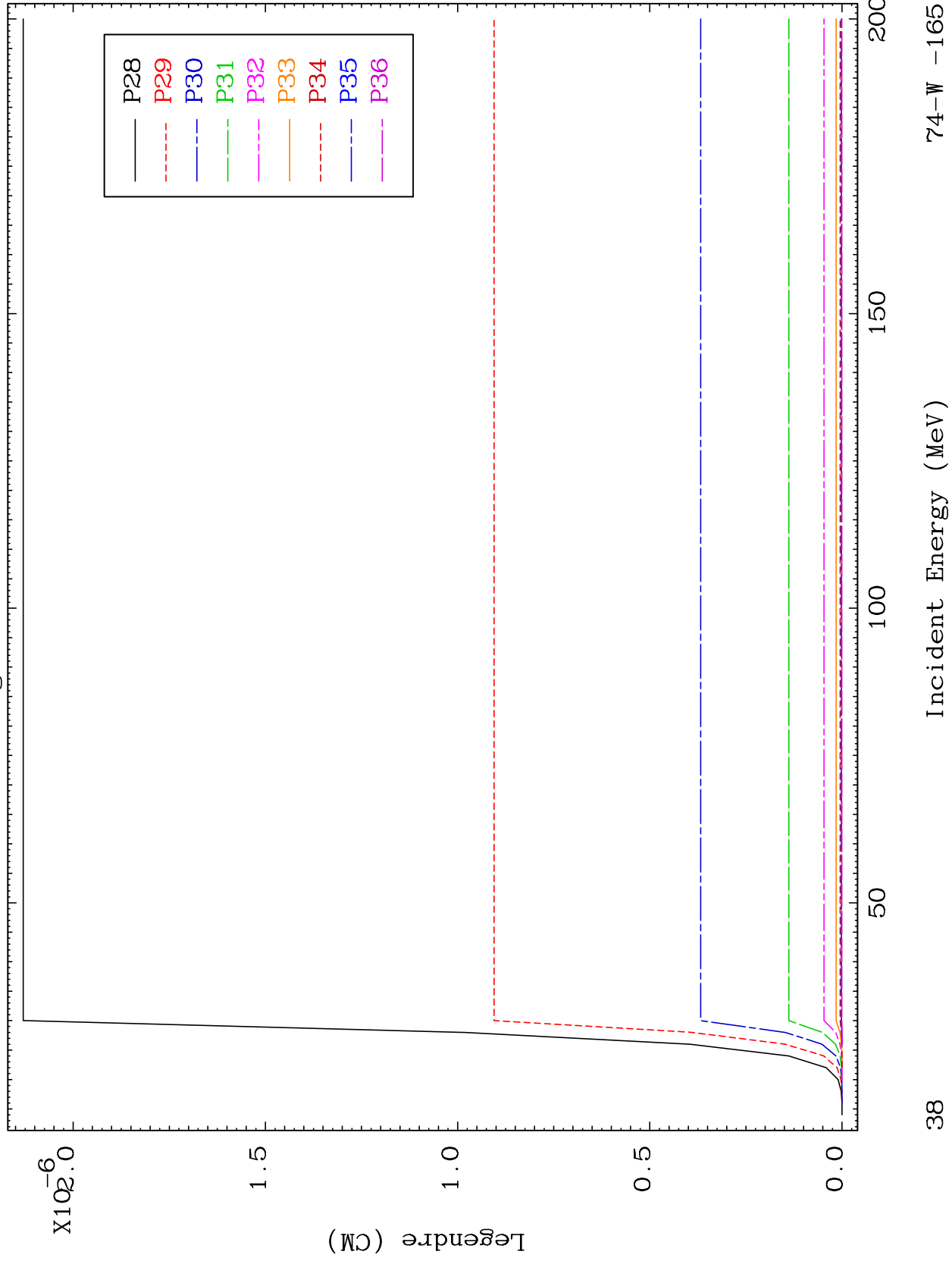
37

74-W -165

MAT 7380

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

74-W -165



38

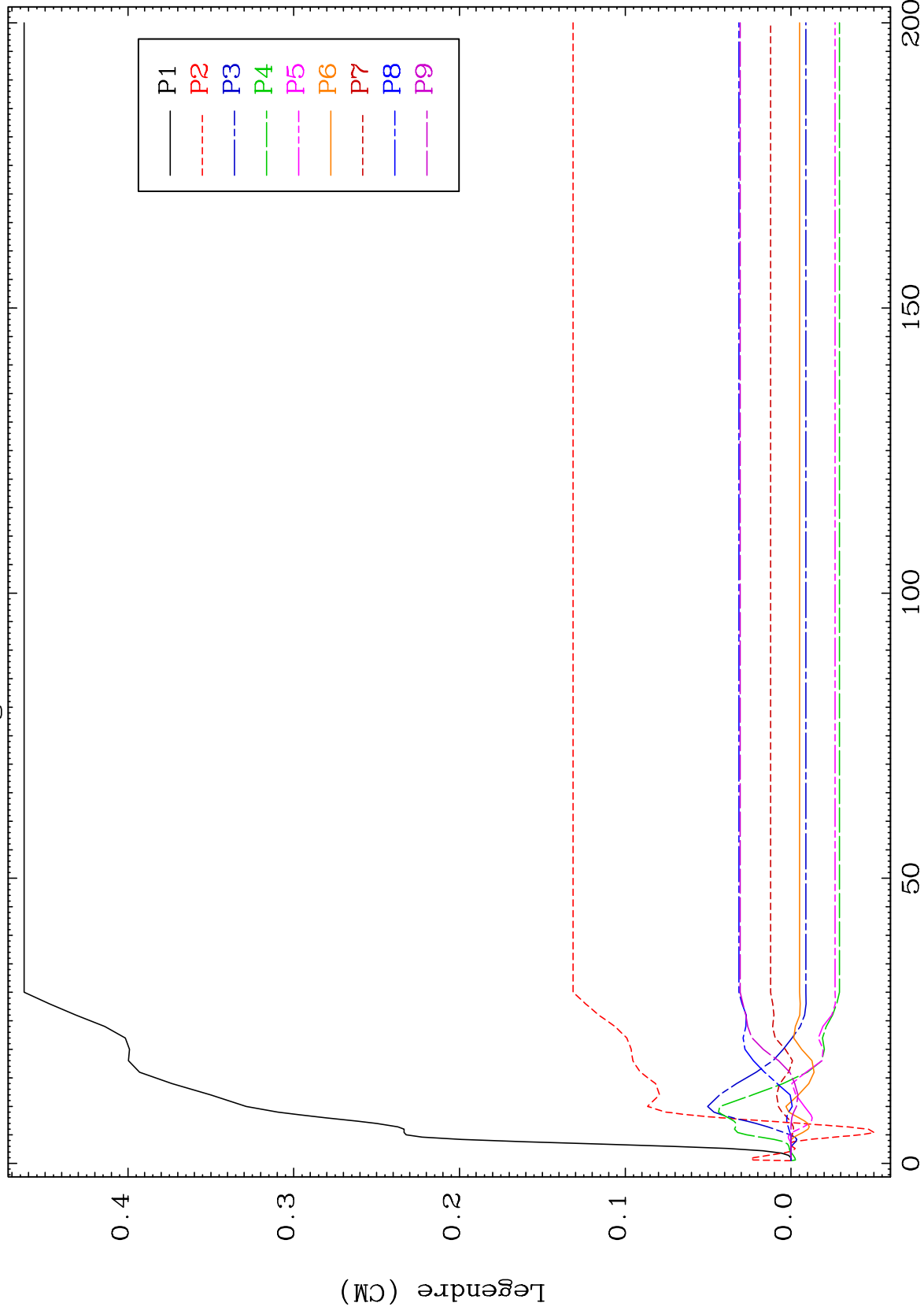
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



39

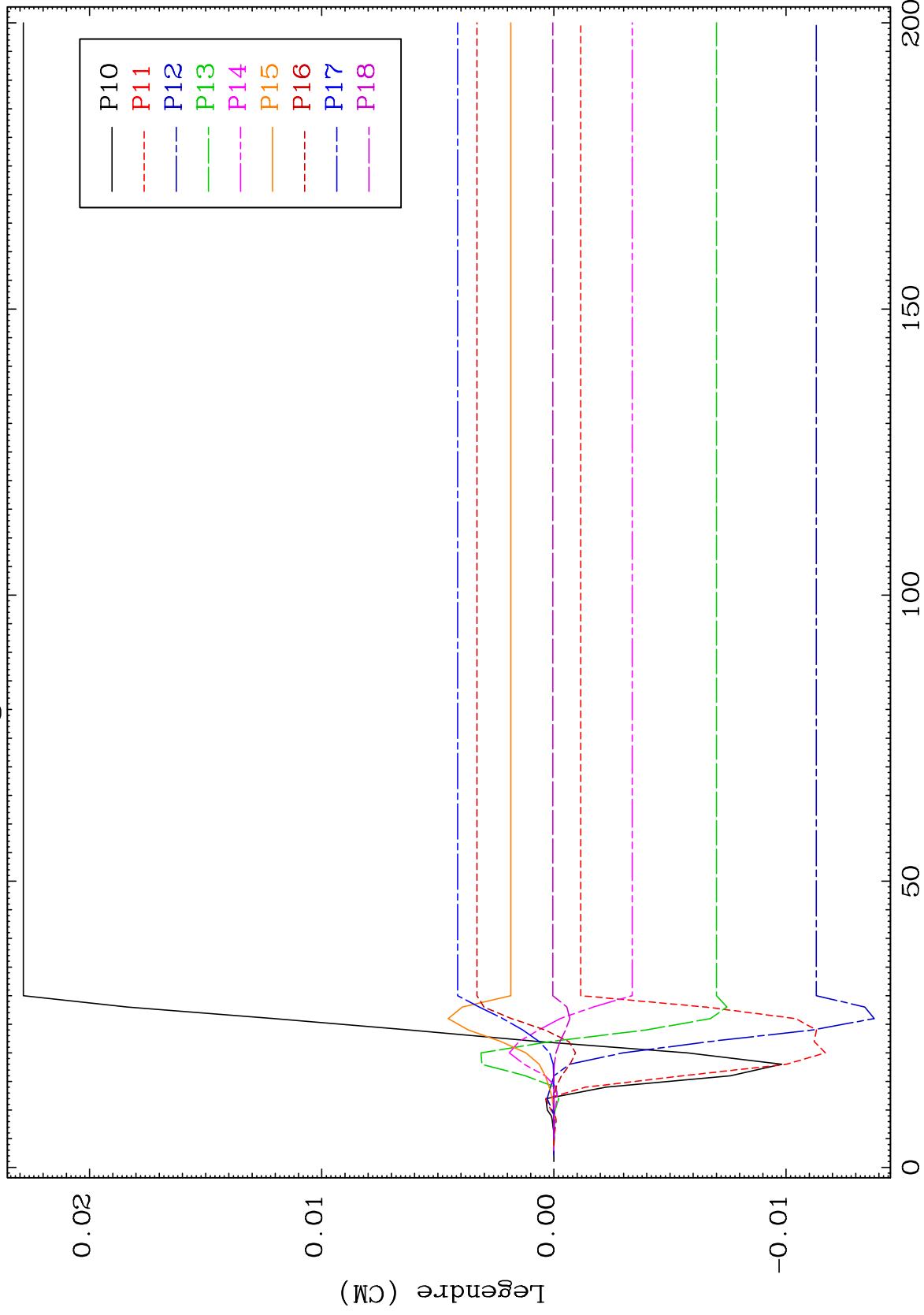
Incident Energy (MeV)

74-W -165

MAT 7380

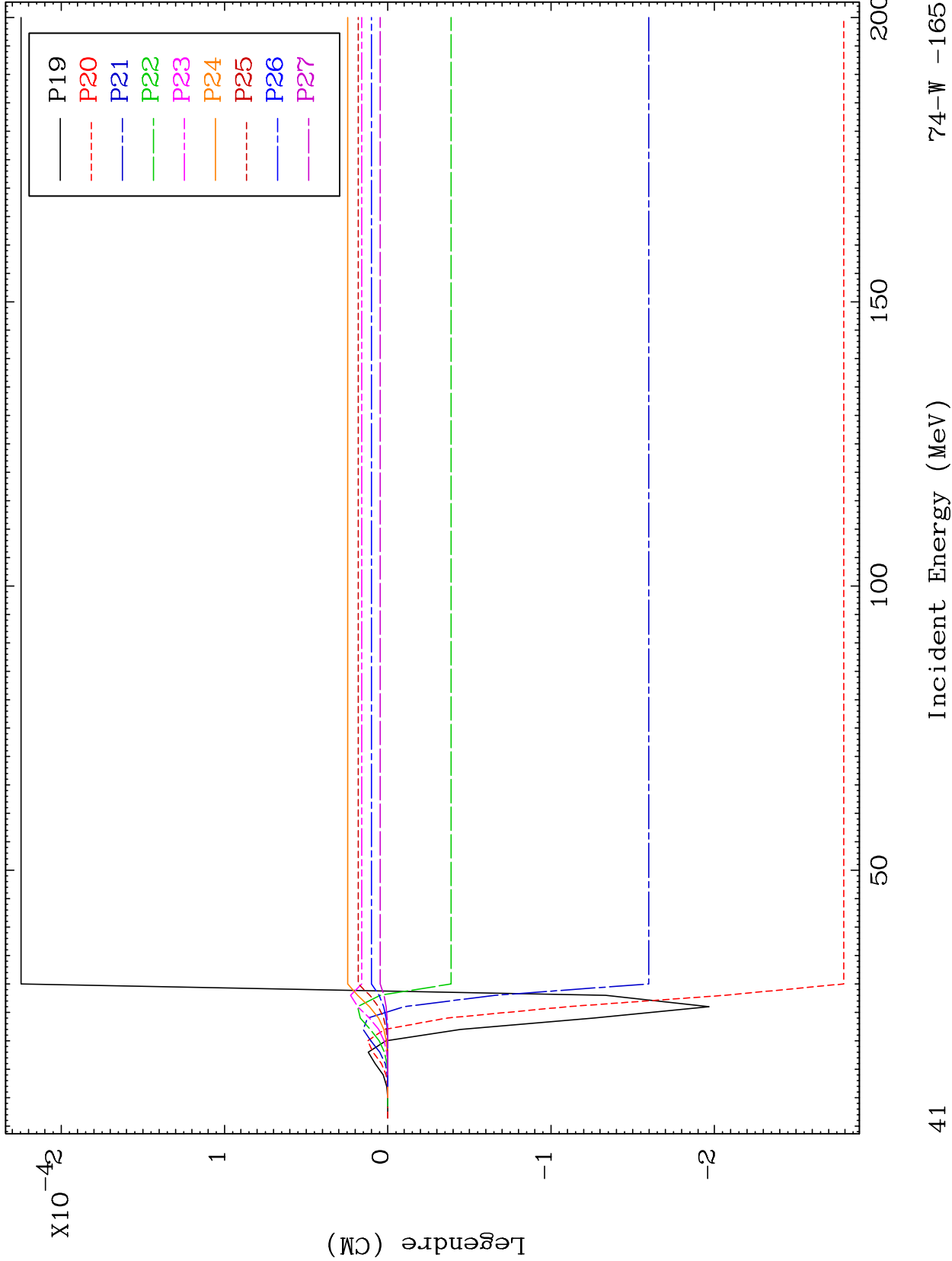
MT= 55 (n,n') Level
Legendre Coefficients

74-W -165



Incident Energy (MeV)

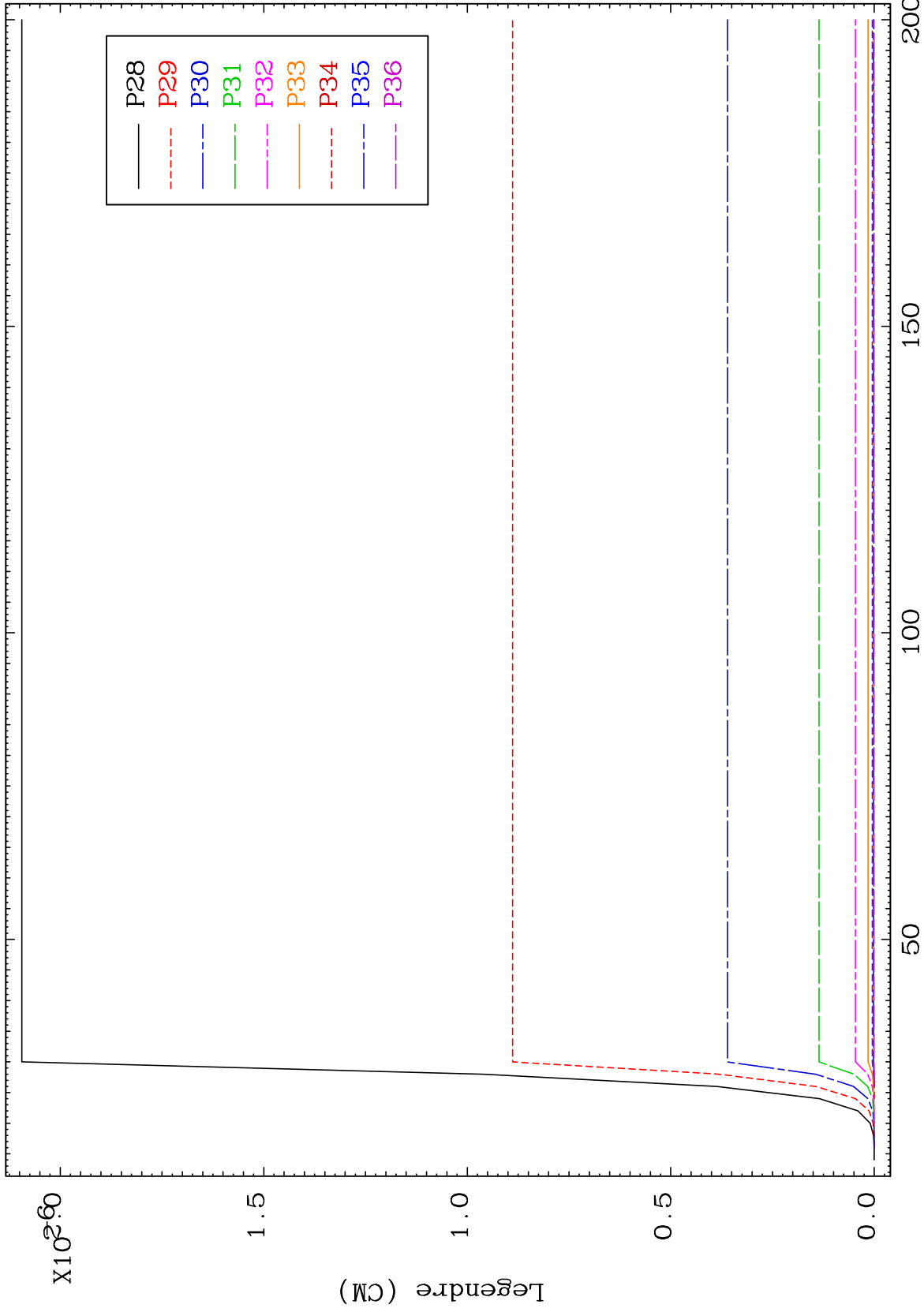
74-W -165



MAT 7380

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

74-W -165



42

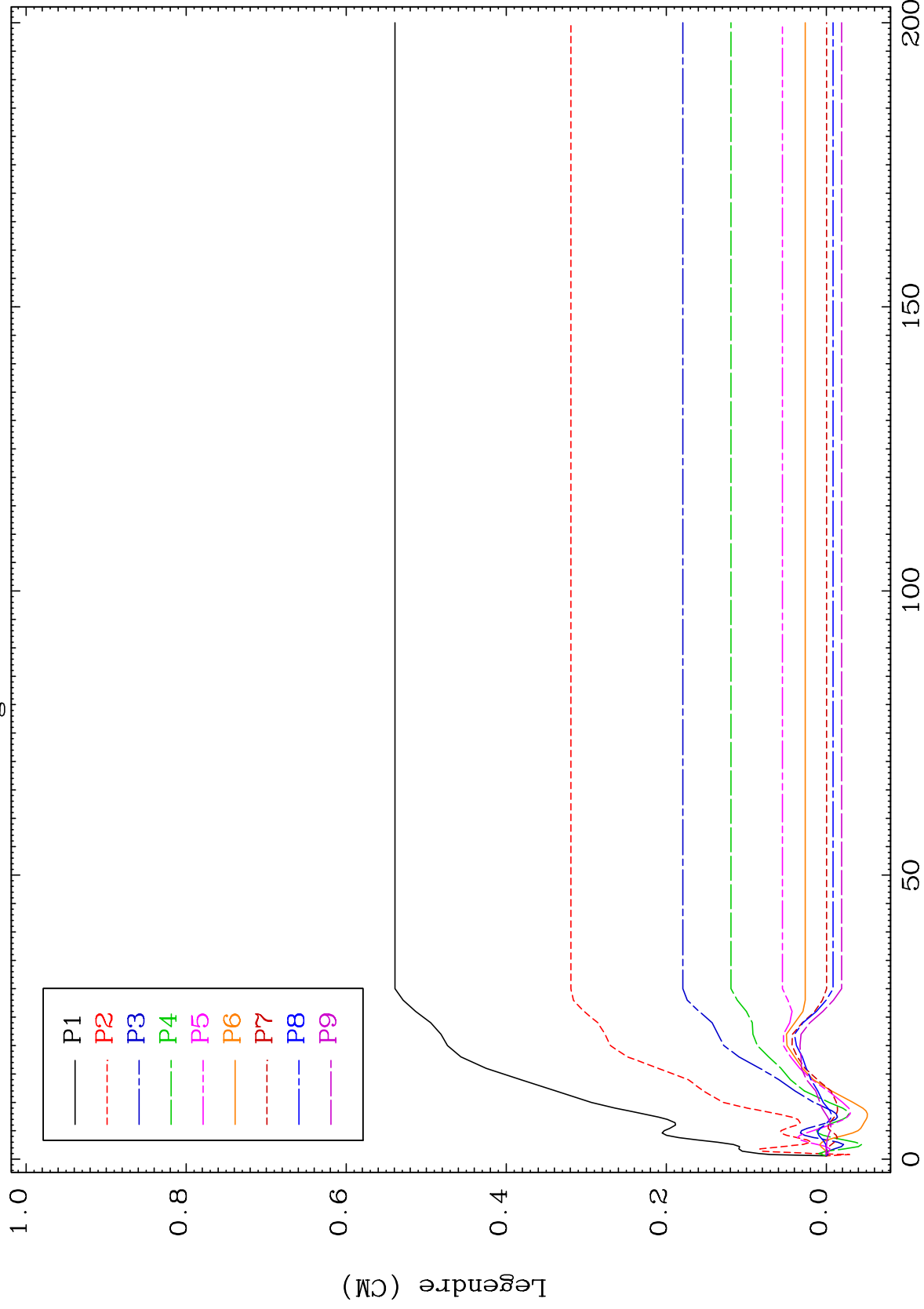
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



43

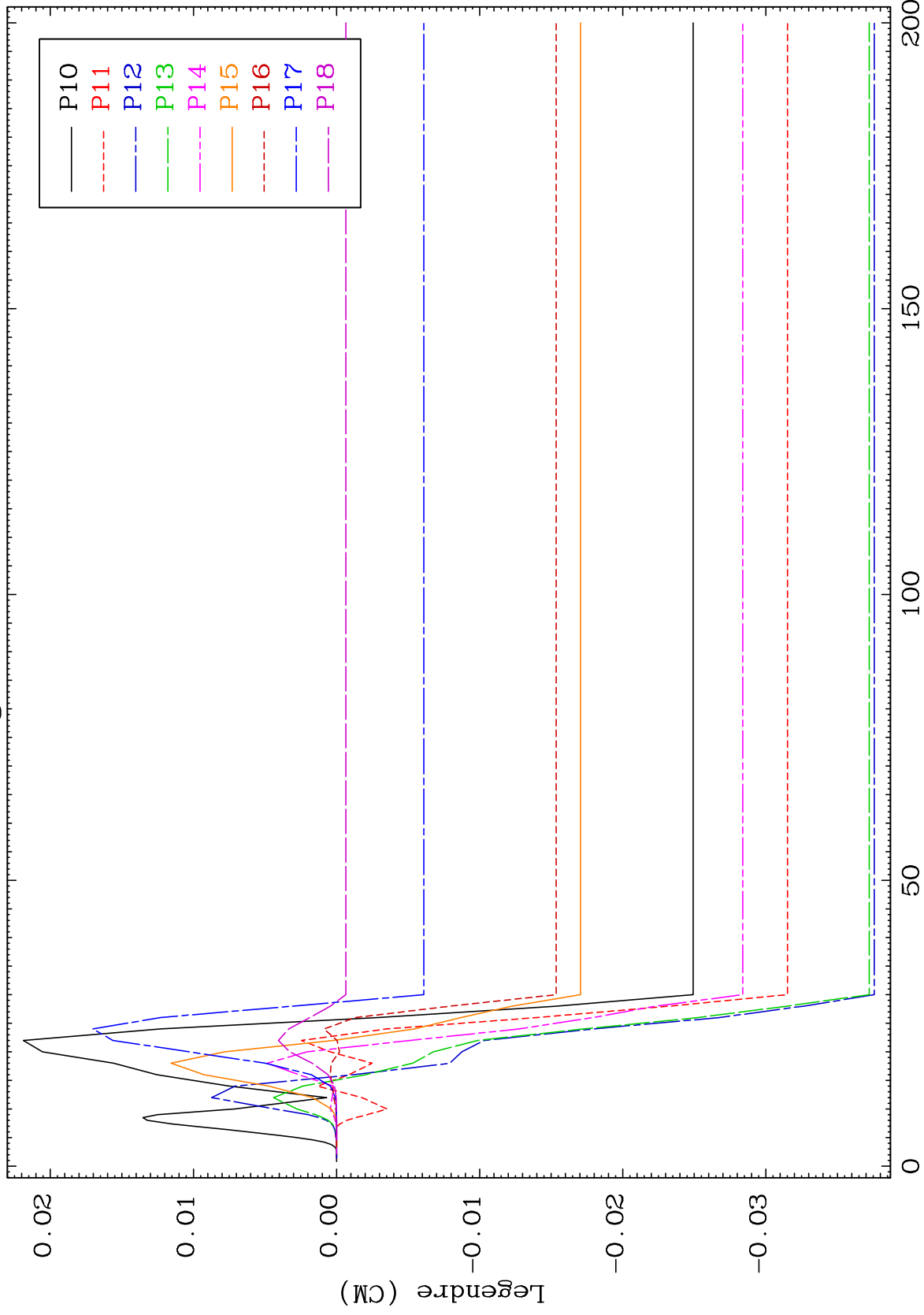
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



44

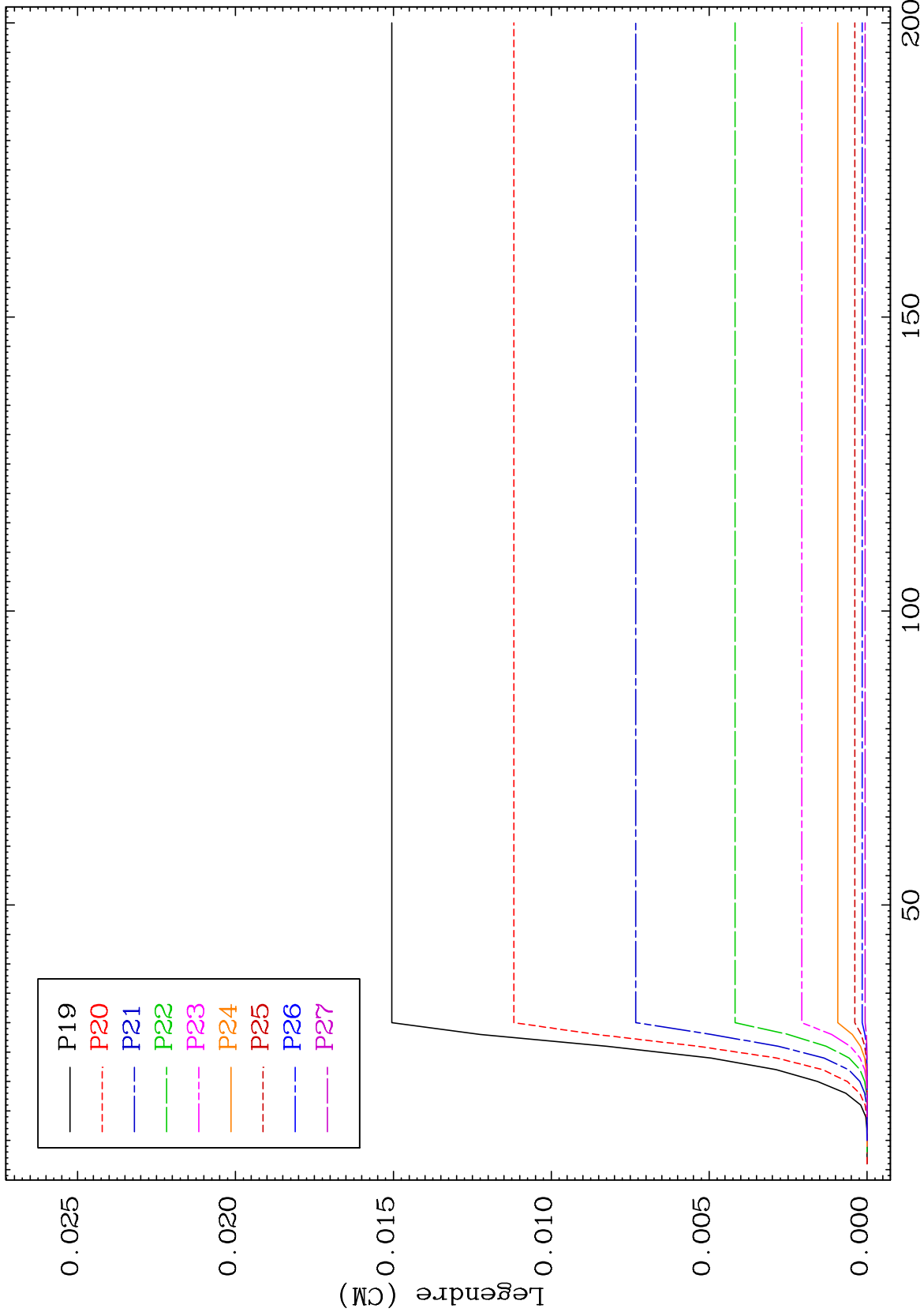
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



45

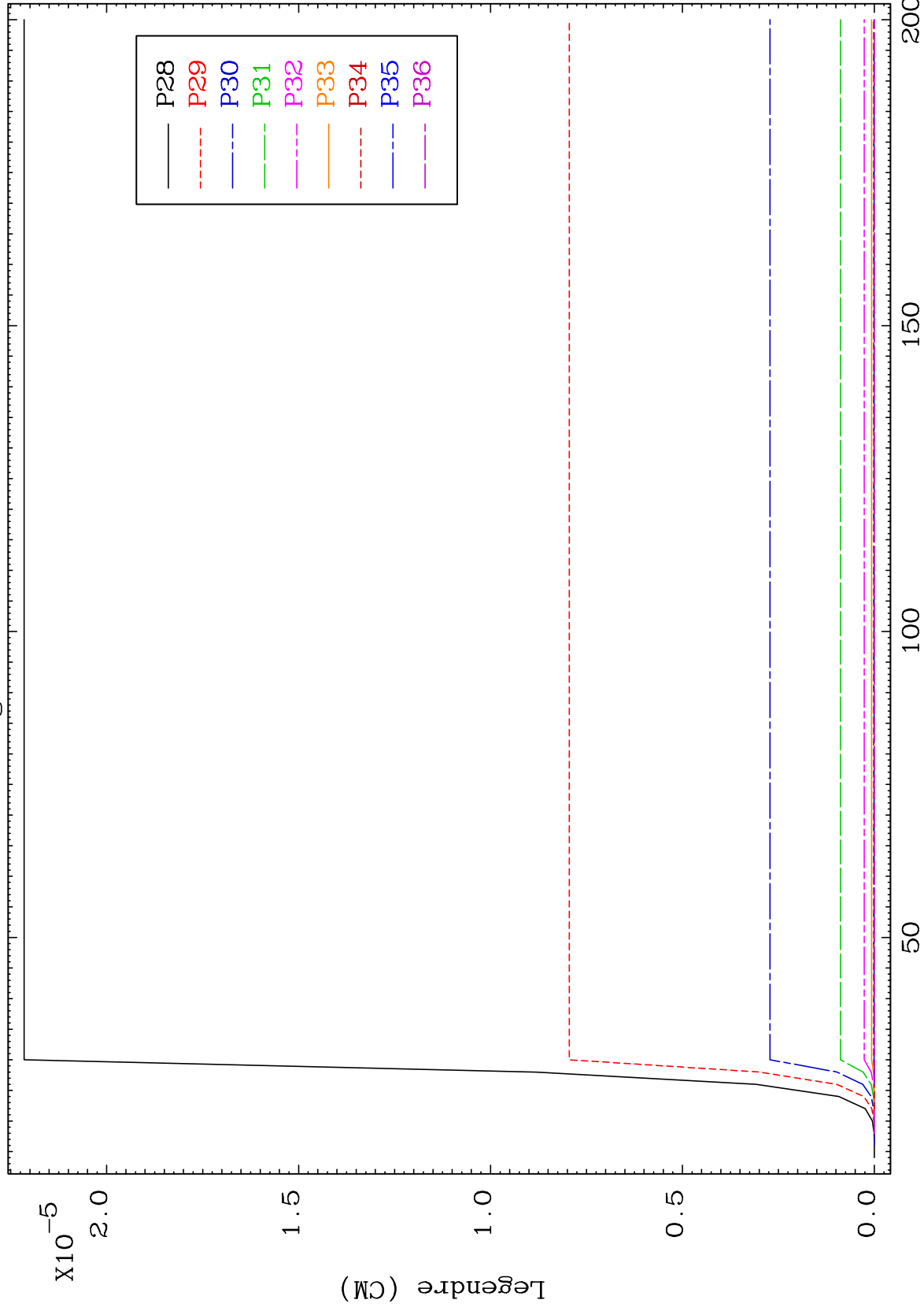
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



46

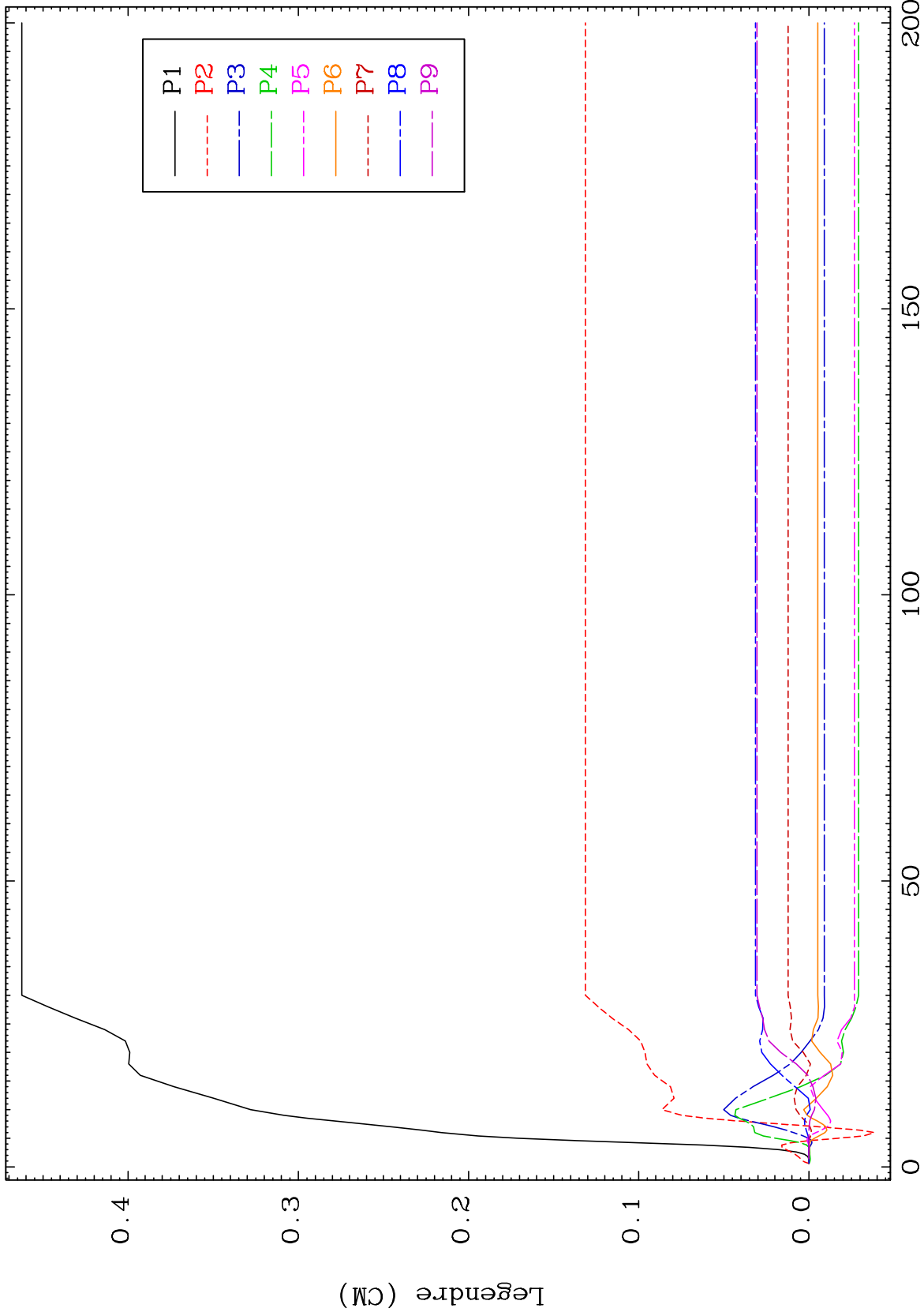
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



47

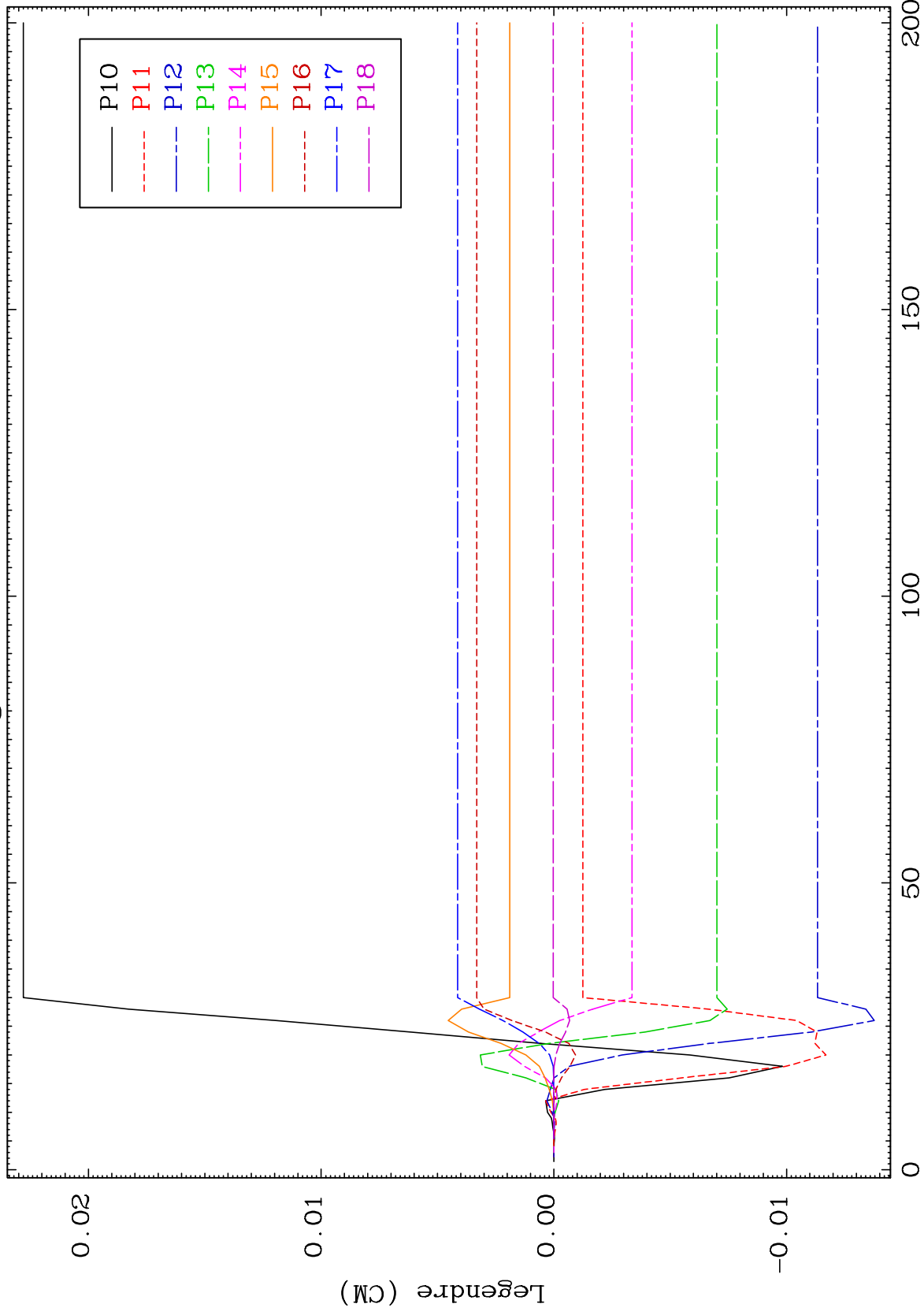
Incident Energy (MeV)

74-W -165

MAT 7380

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

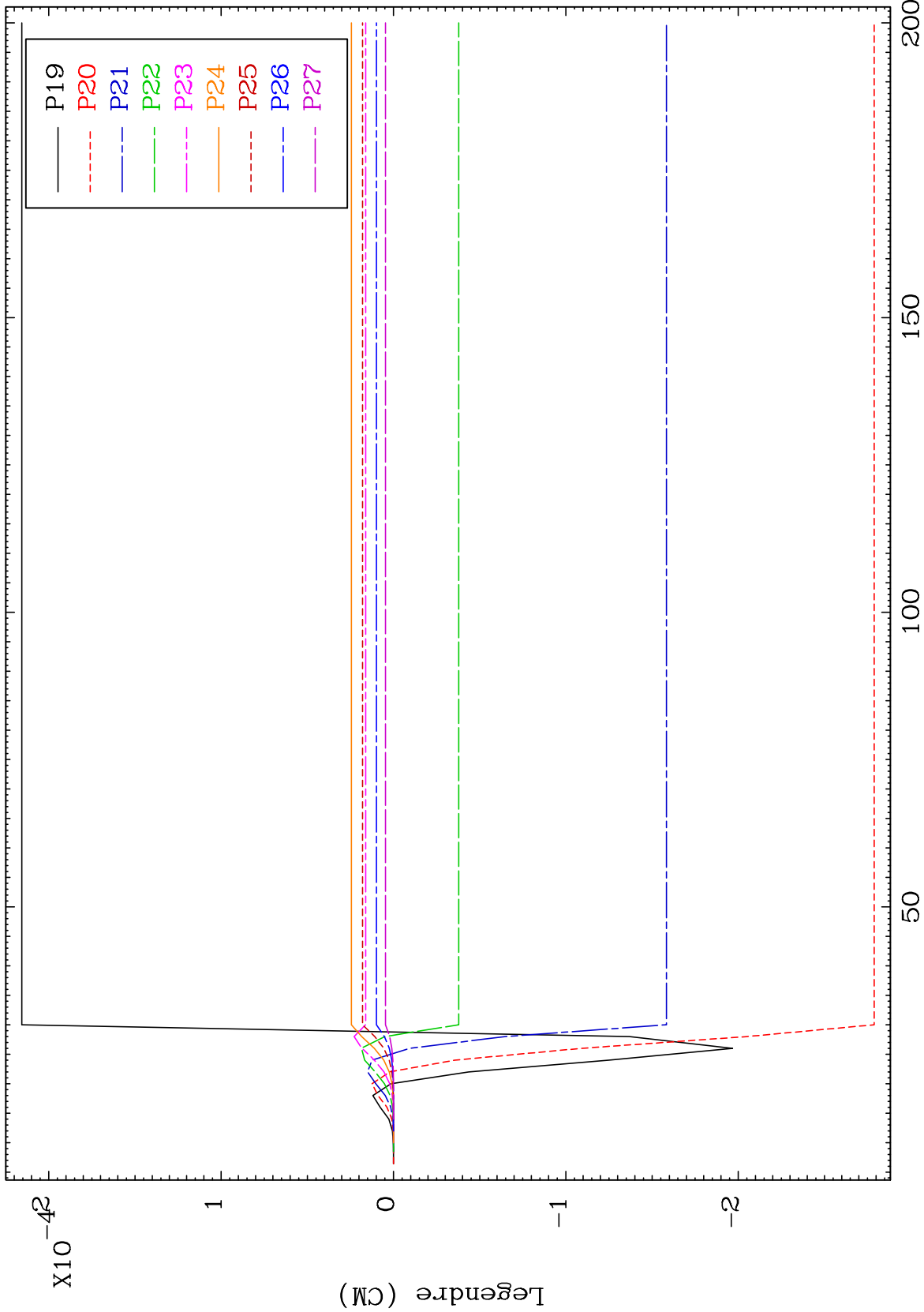
74-W -165



48

Incident Energy (MeV)

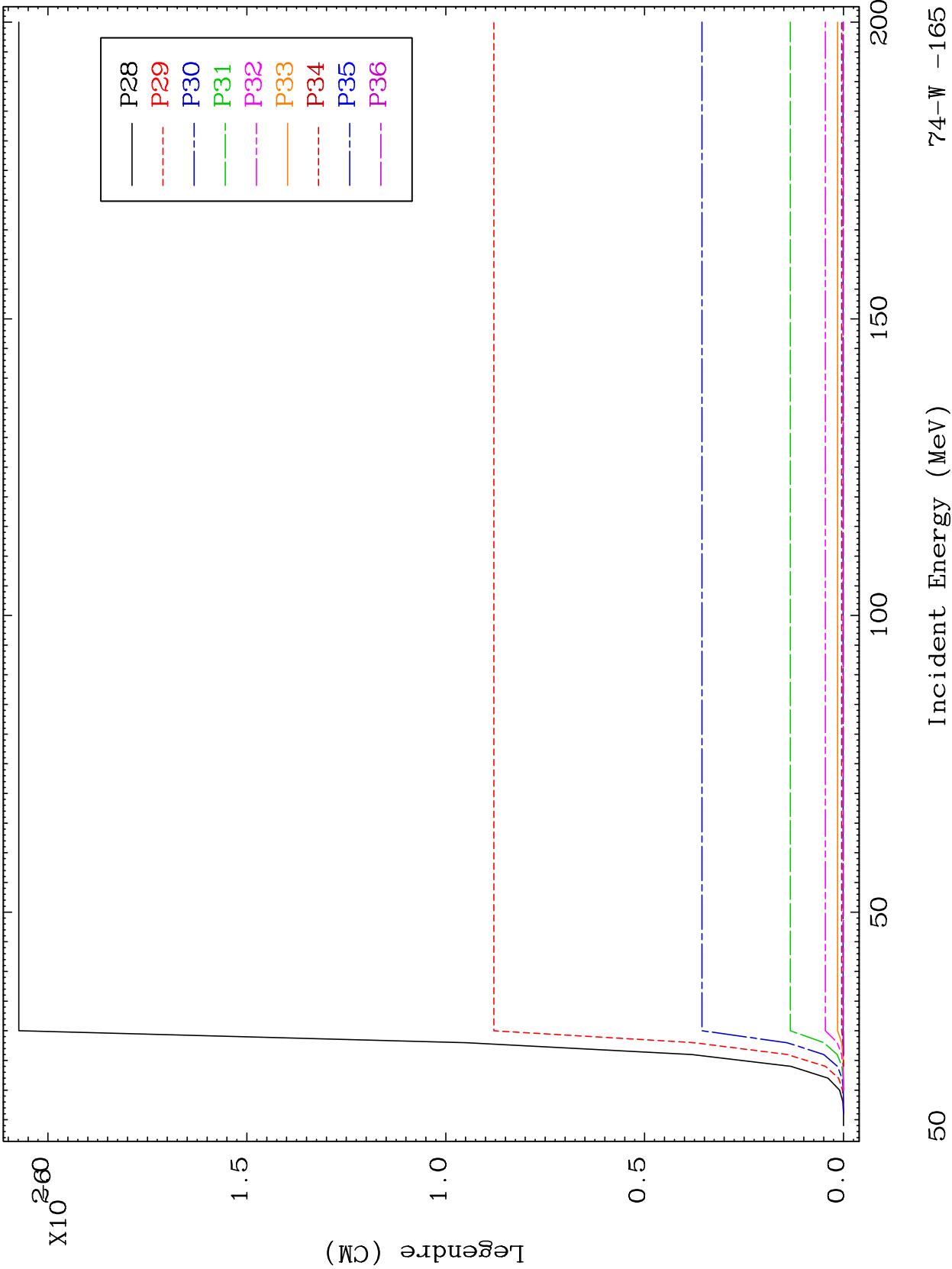
74-W -165



MAT 7380

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

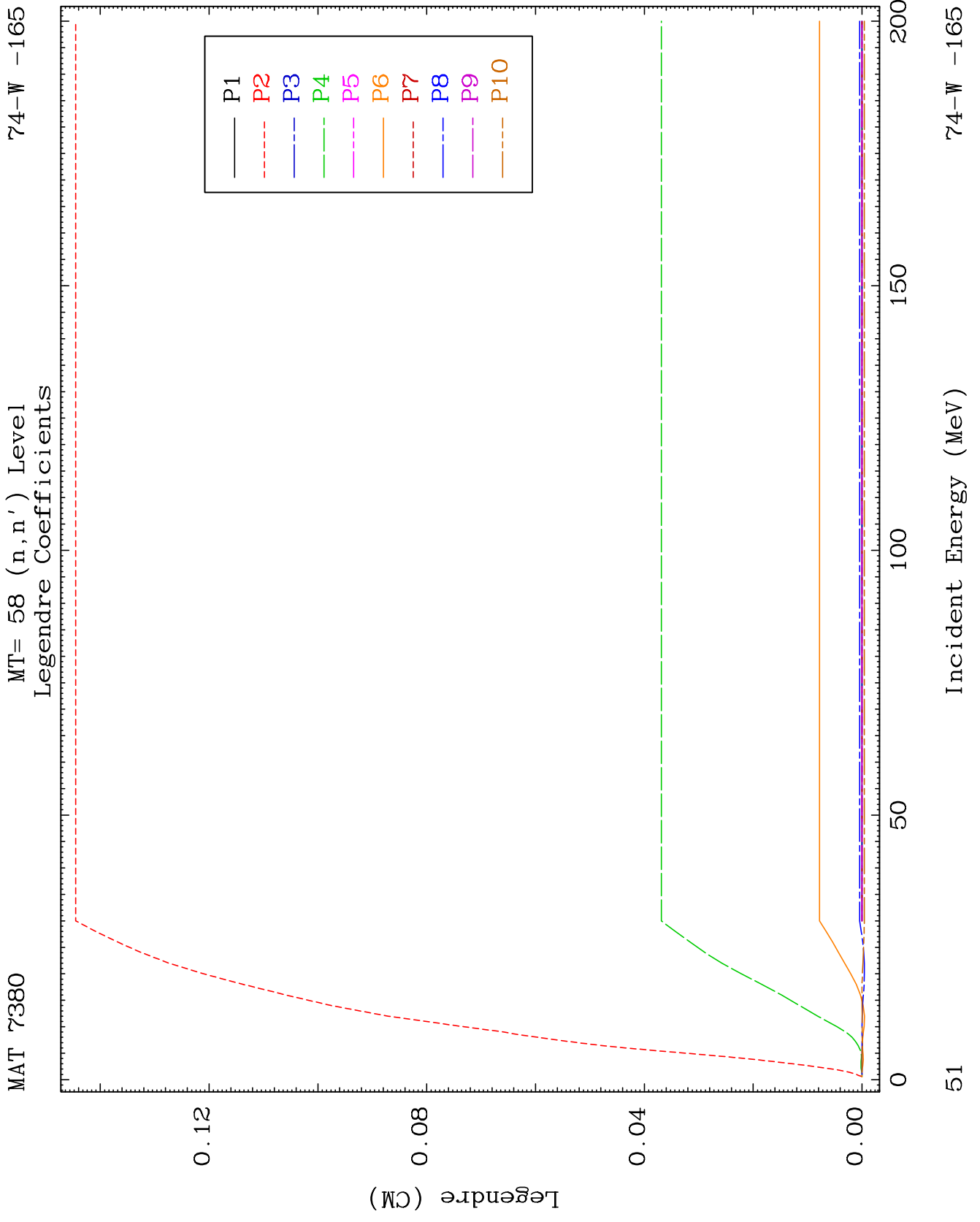
74-W -165



50

Incident Energy (MeV)

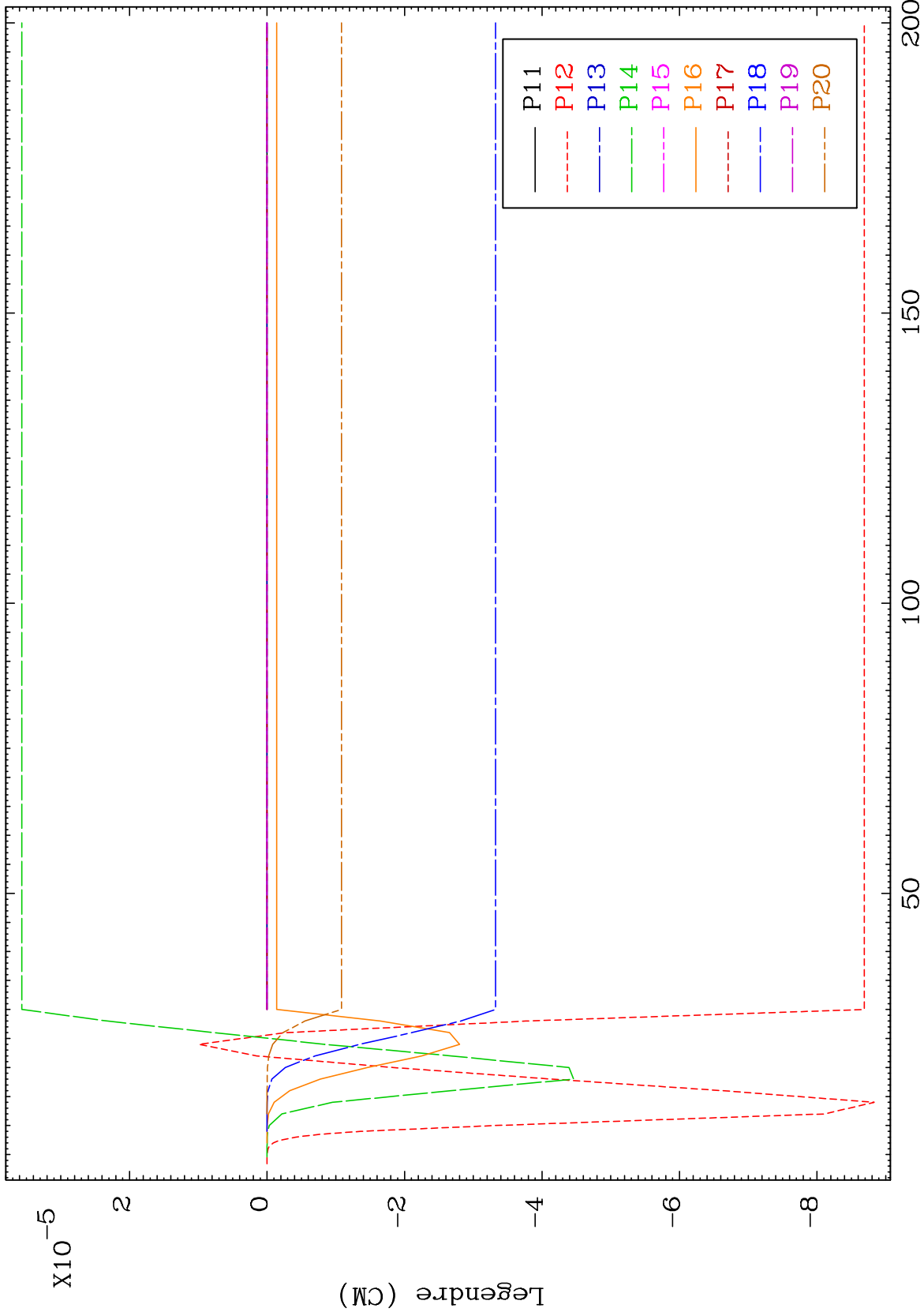
74-W -165

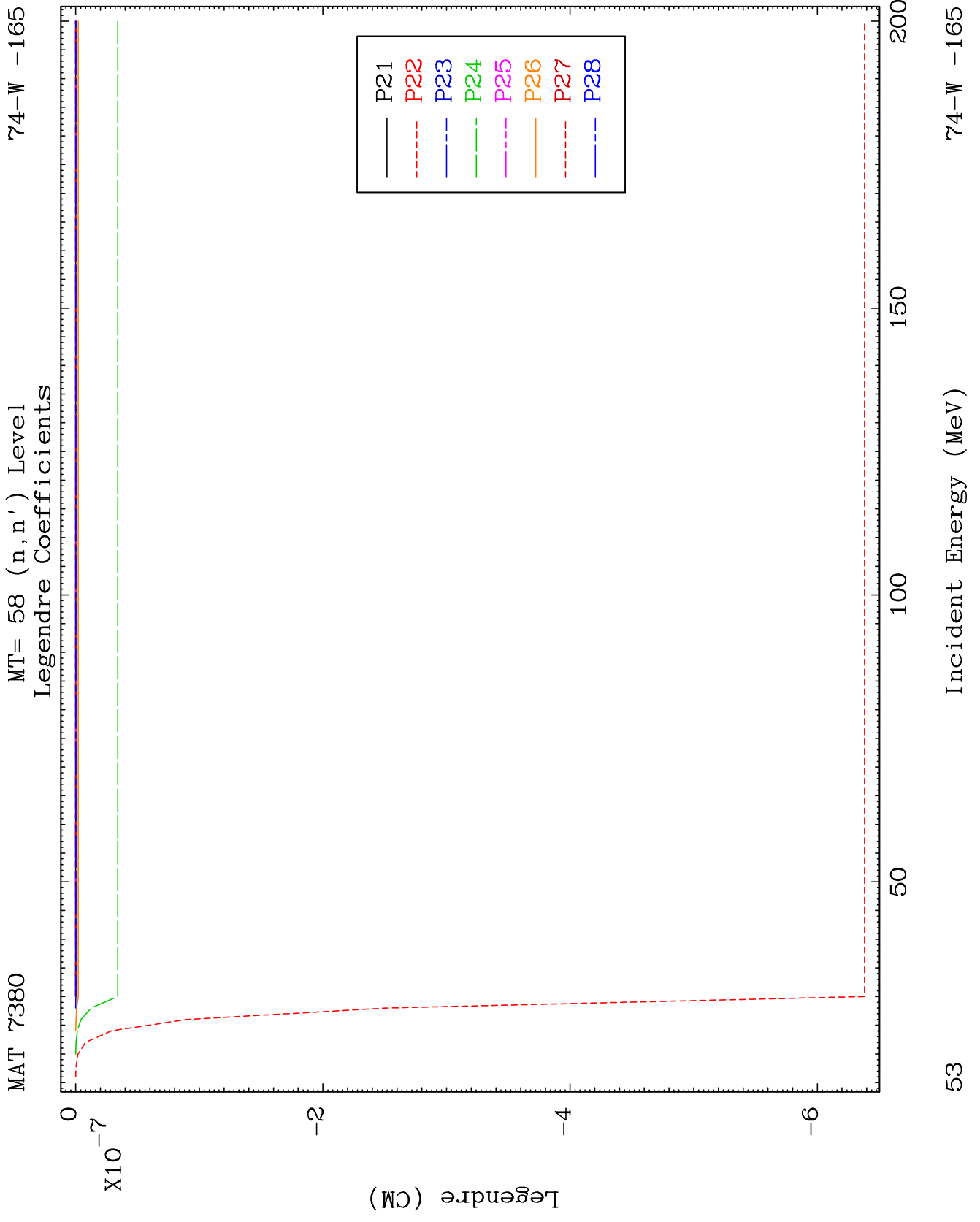


74-W -165

Incident Energy (MeV)

51

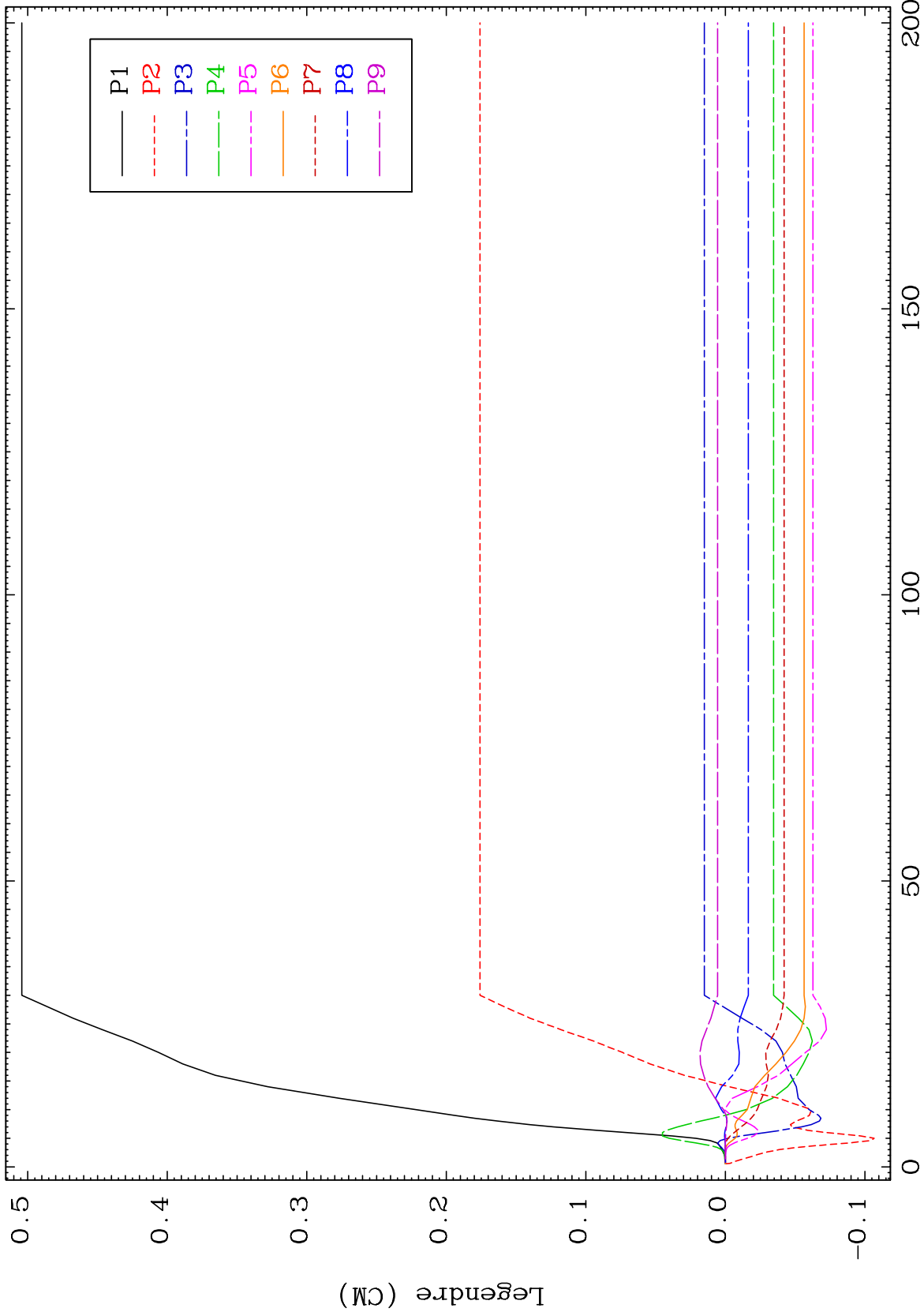




MAT 7380

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

74-W -165



54

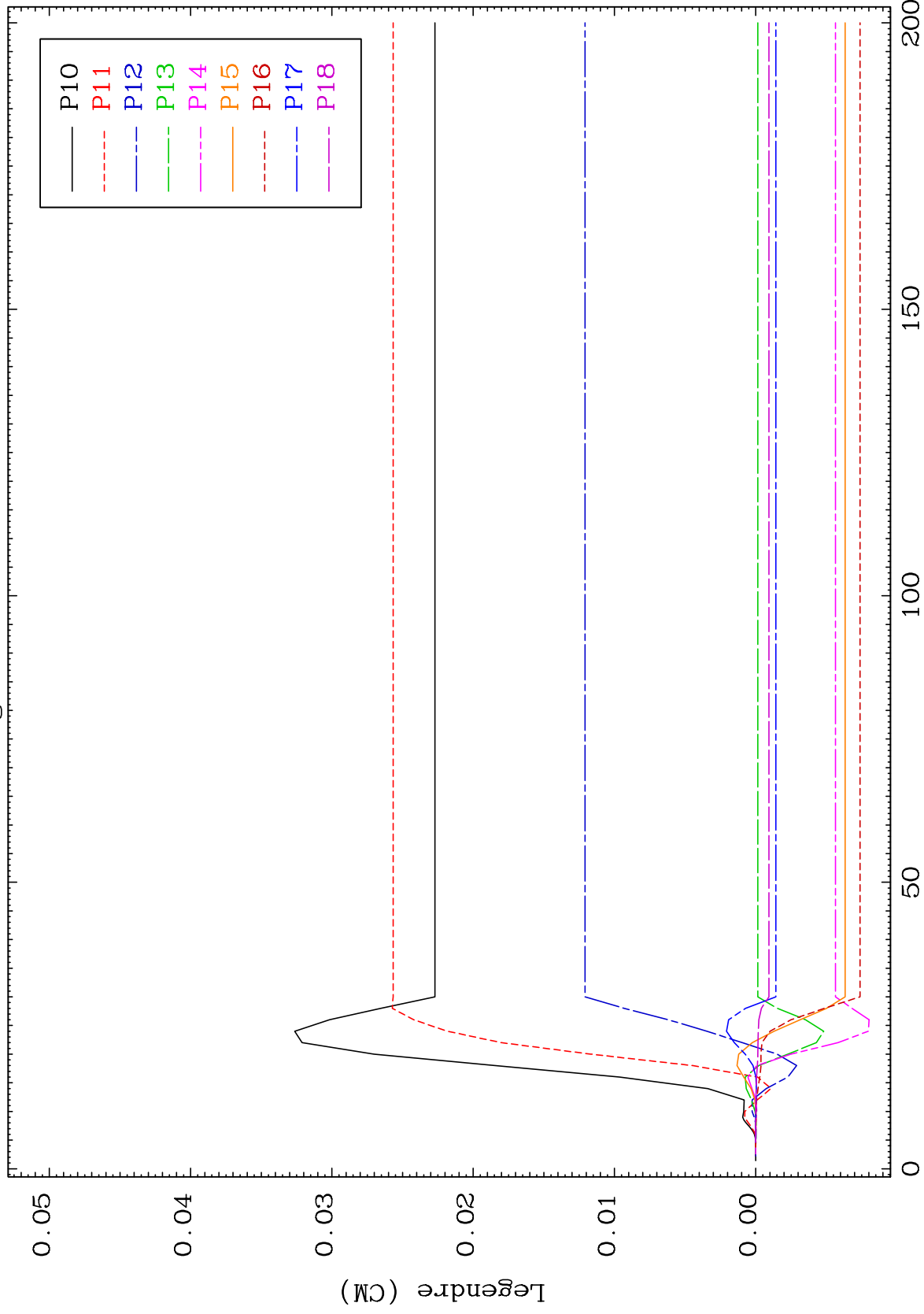
Incident Energy (MeV)

74-W -165

MAT 7380

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

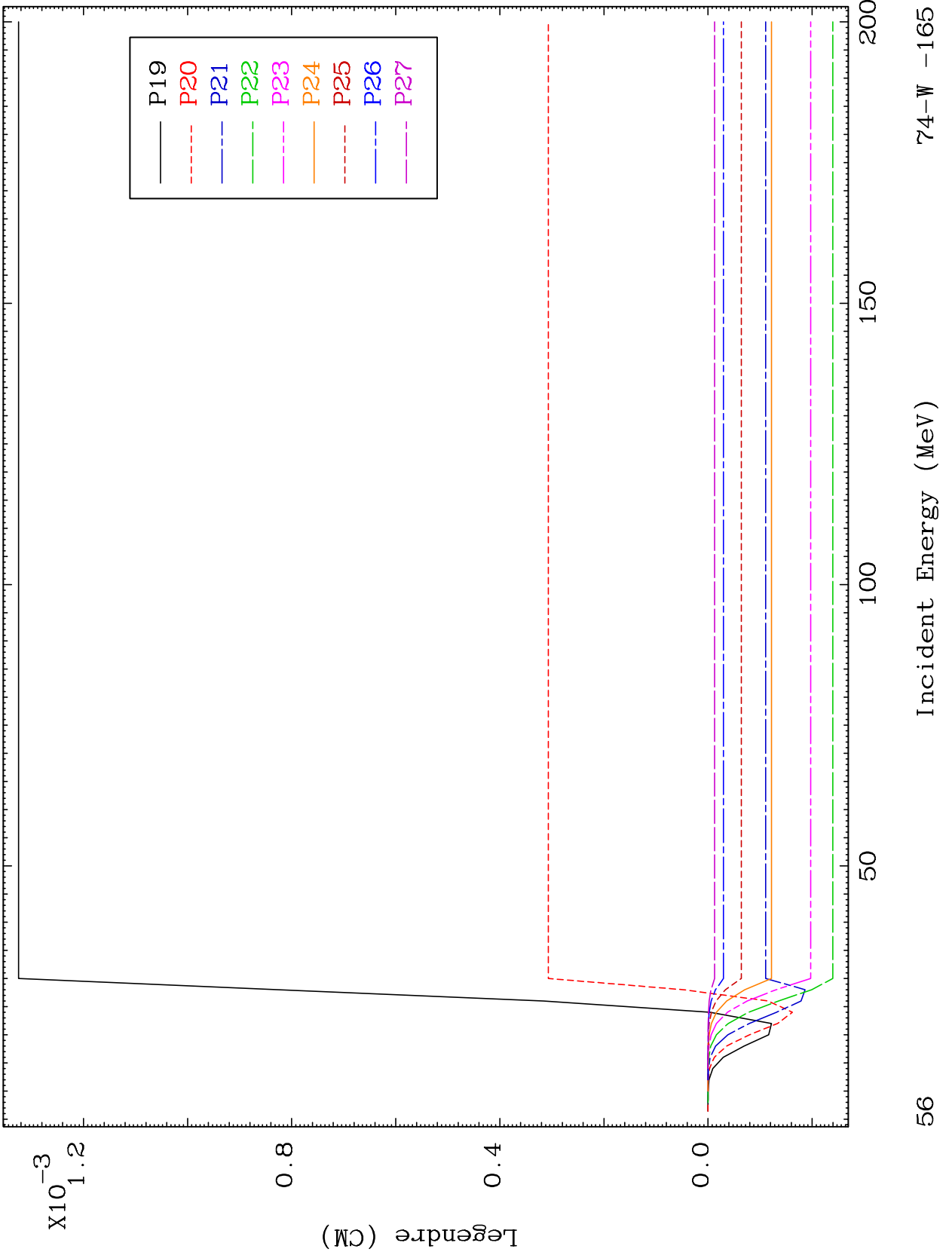
74-W -165

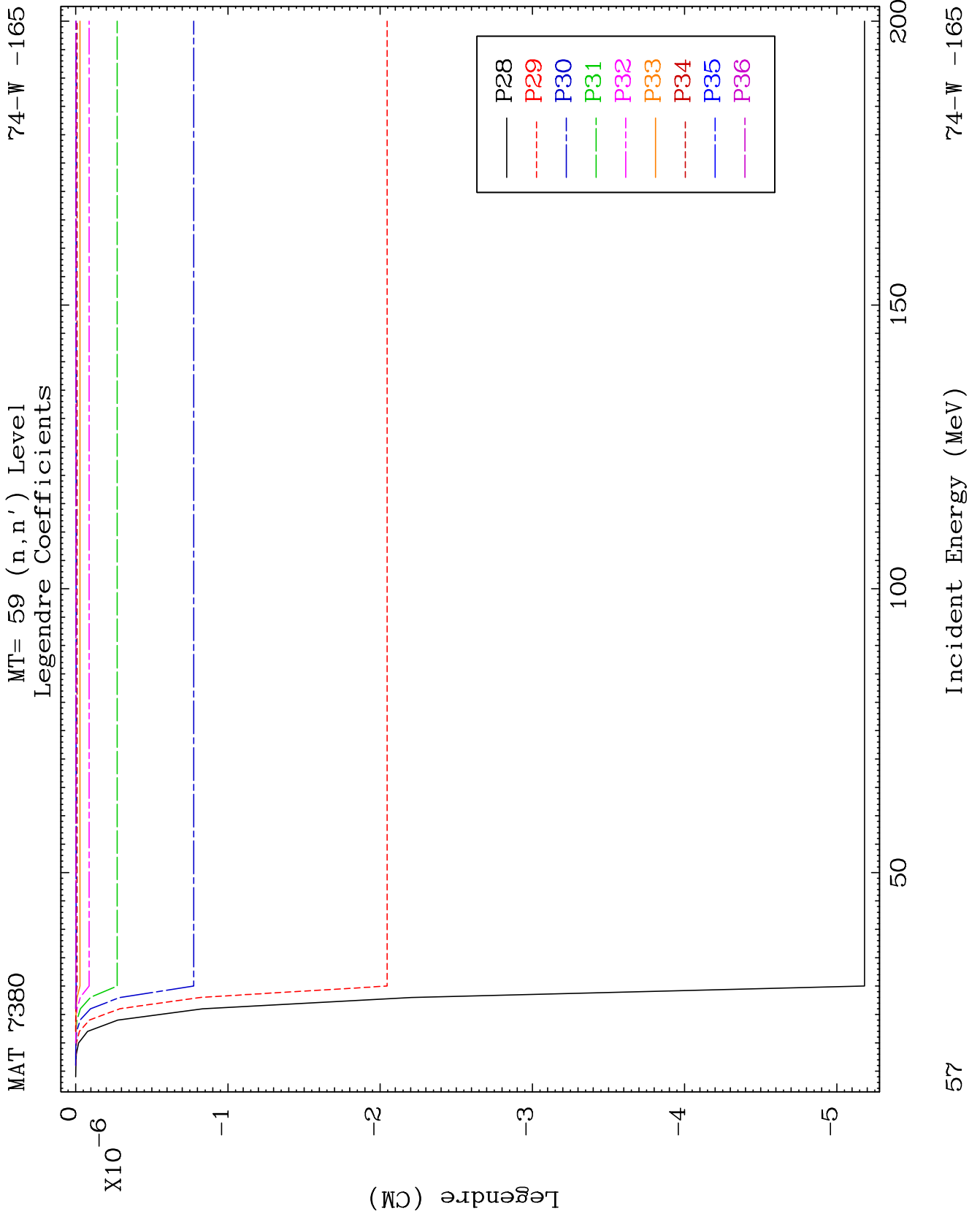


55

Incident Energy (MeV)

74-W -165

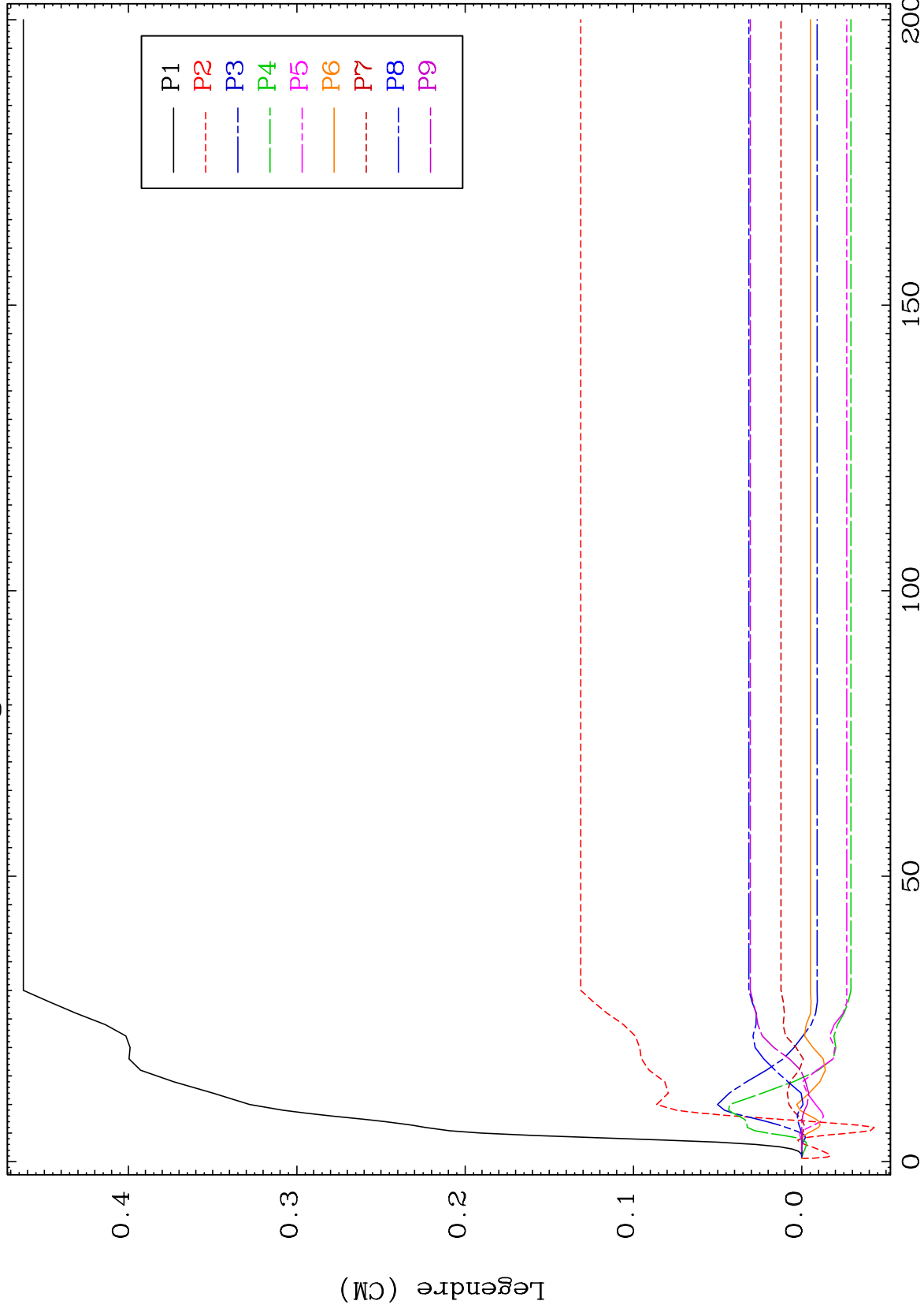




MAT 7380

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

74-W -165



58

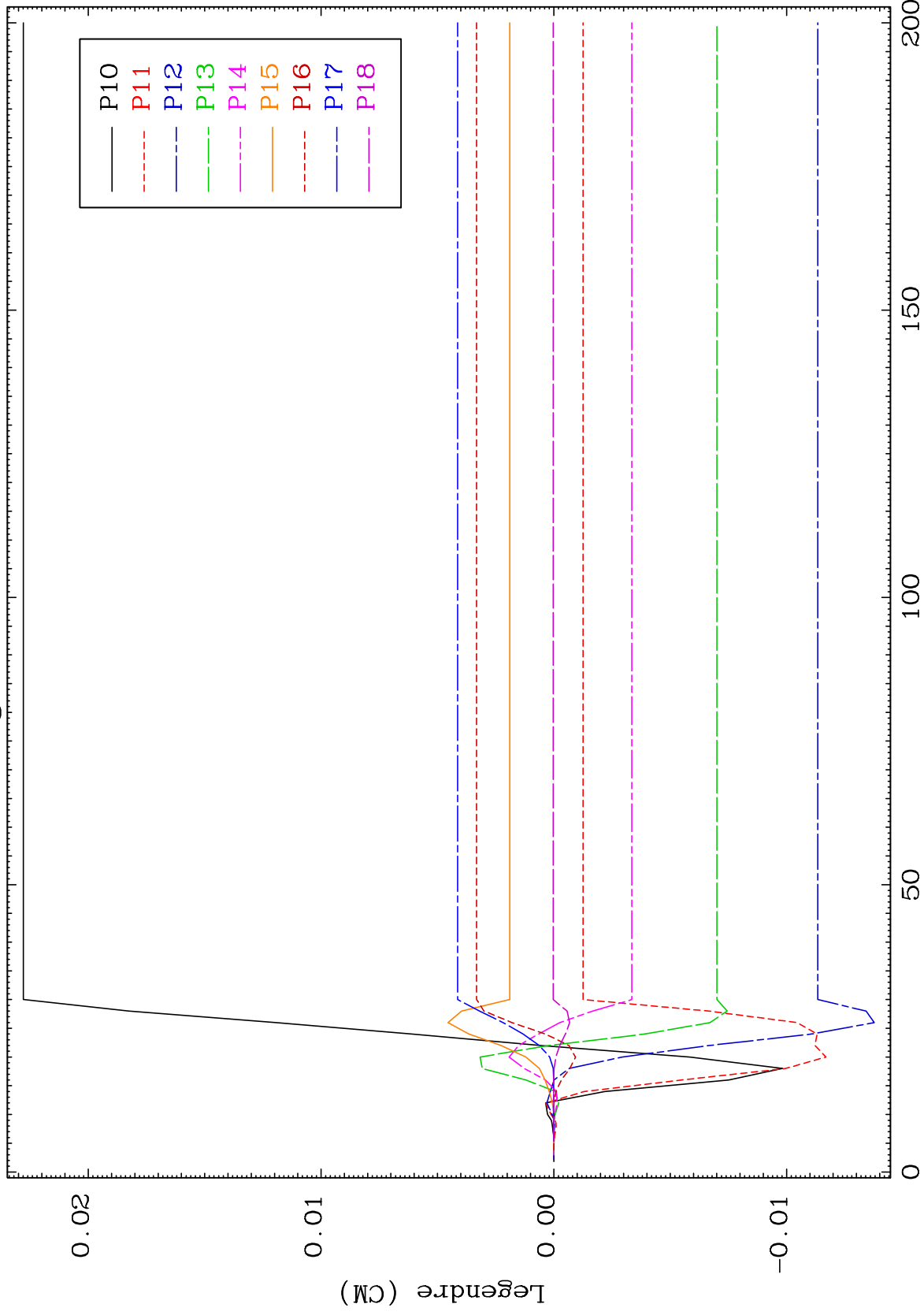
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



59

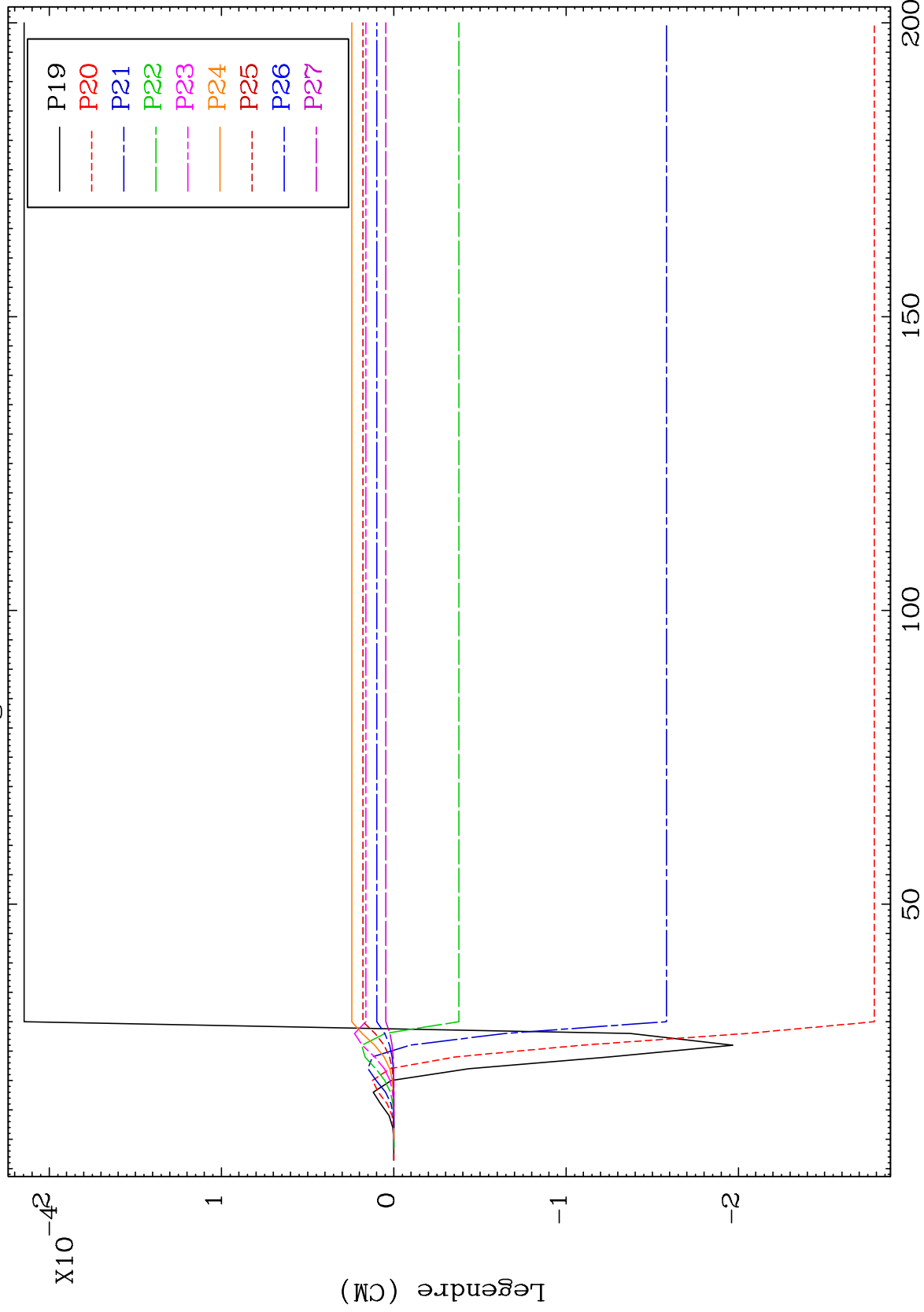
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



60

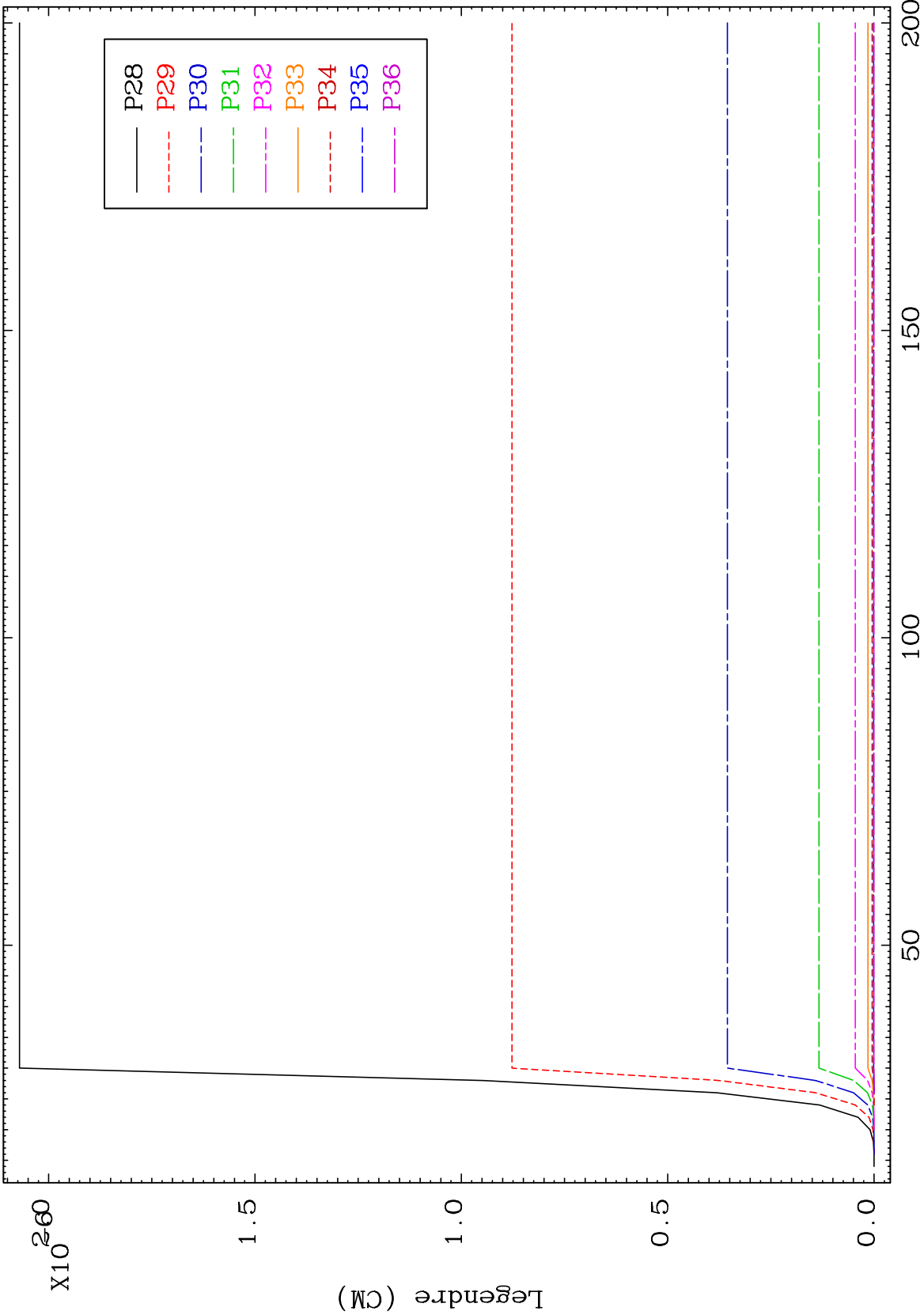
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



61

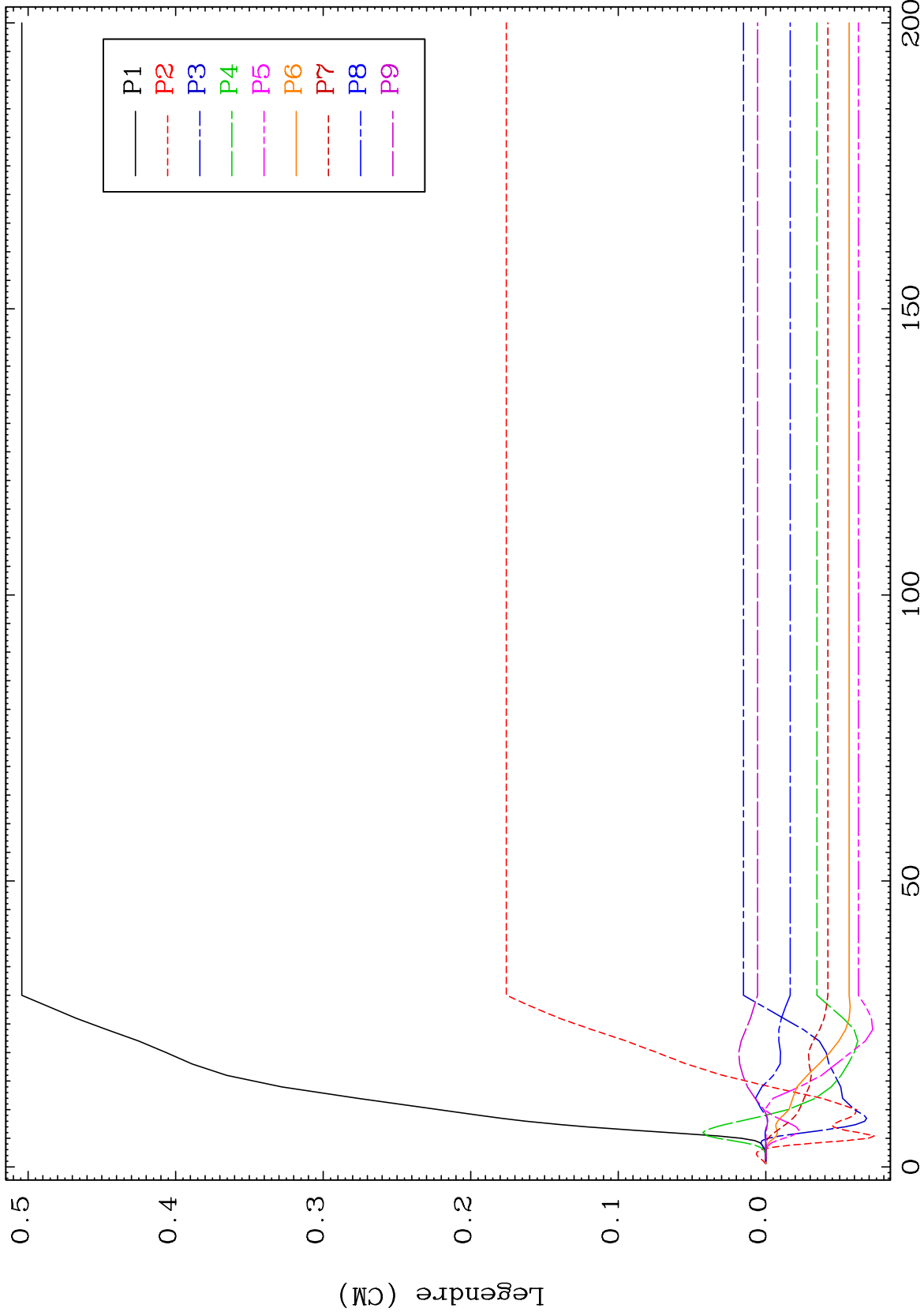
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



62

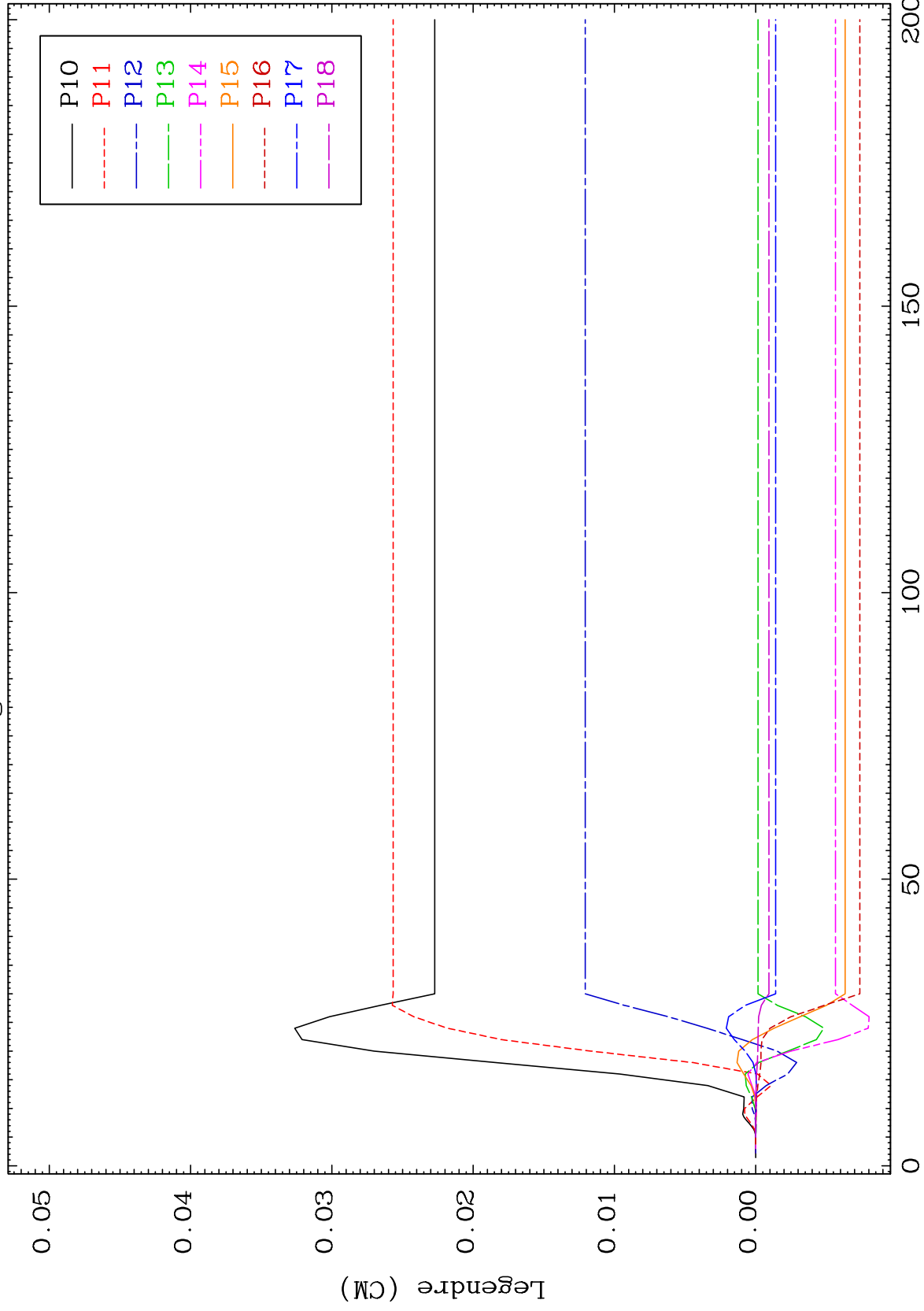
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



63

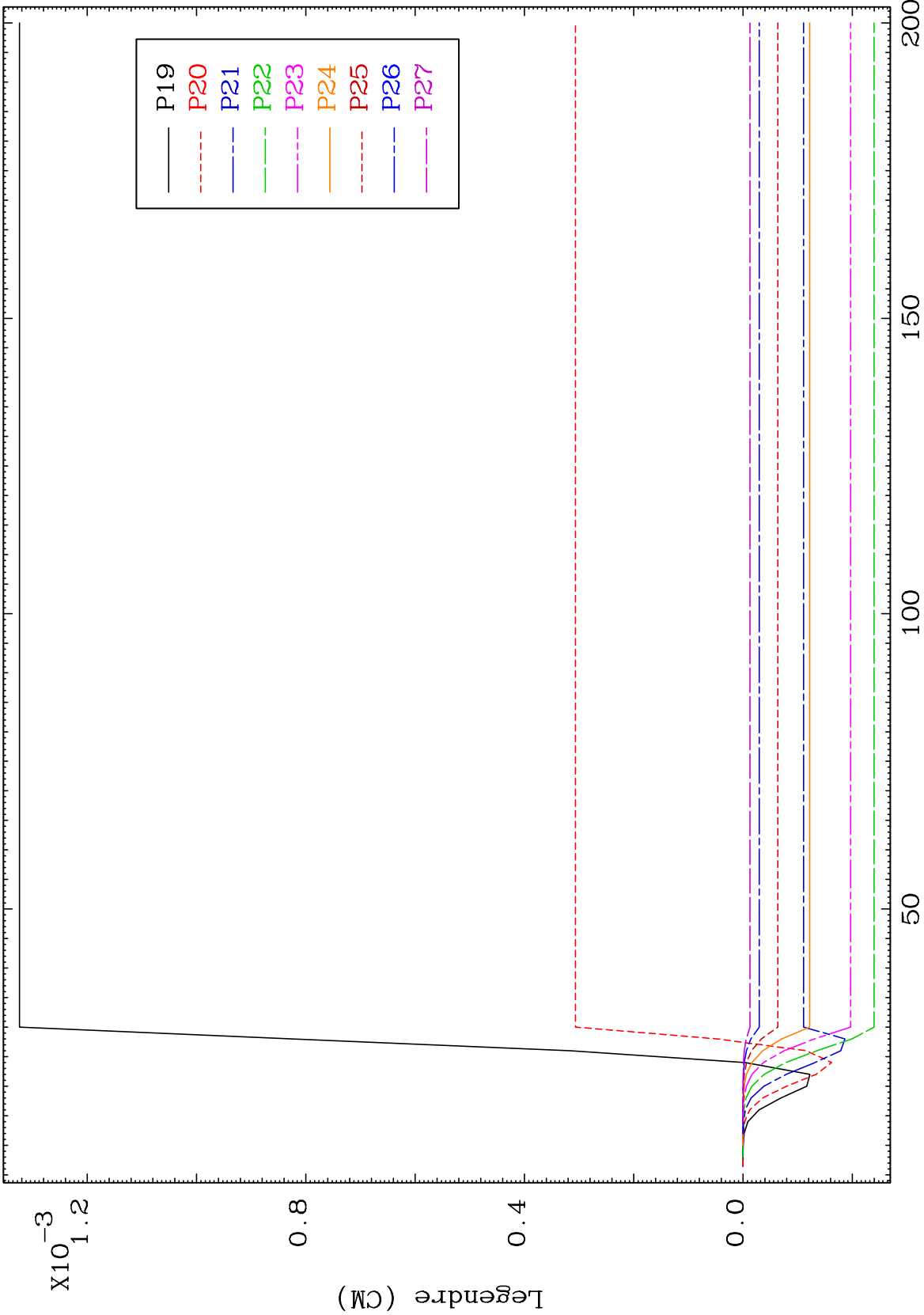
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



64

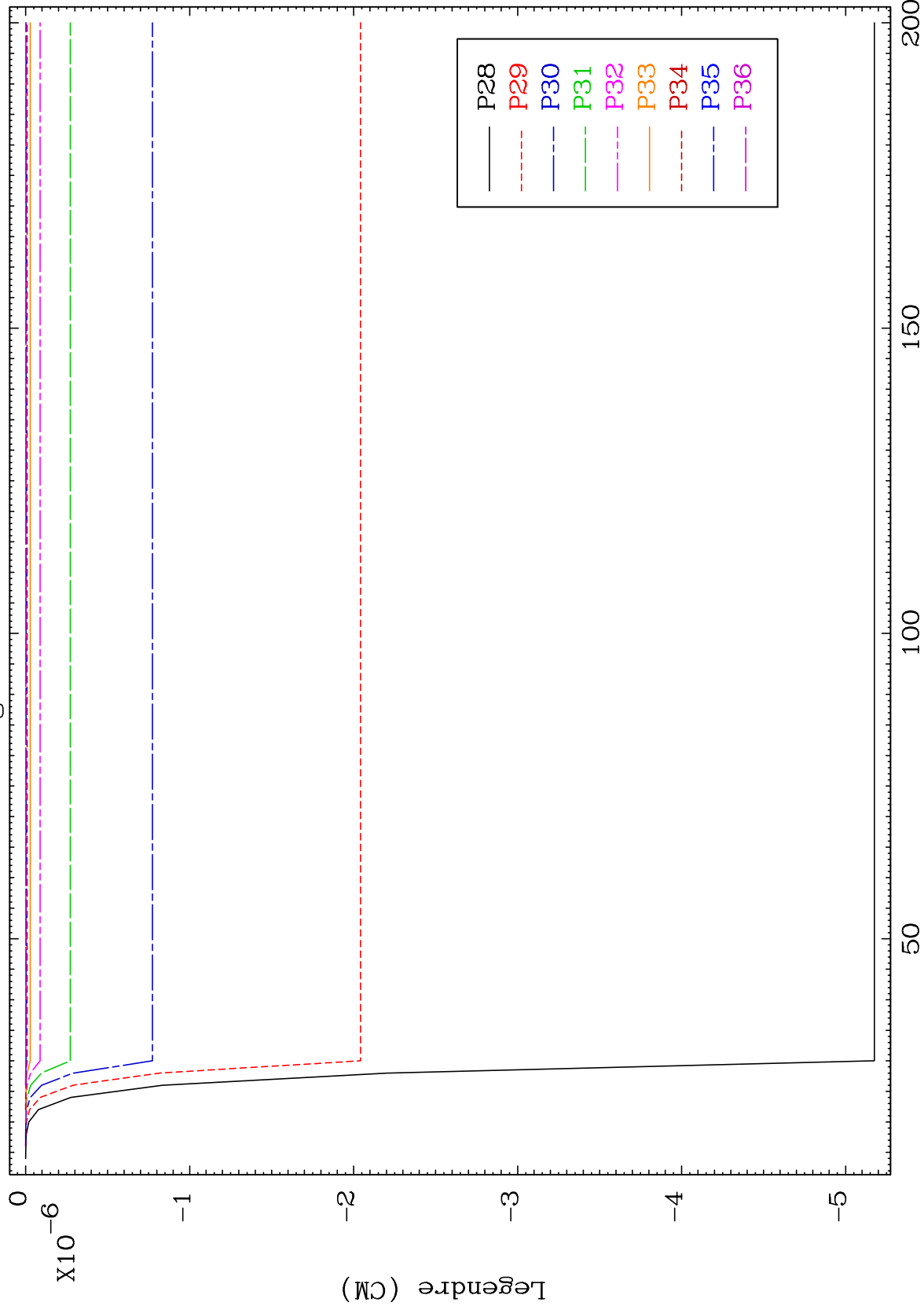
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



74-W -165

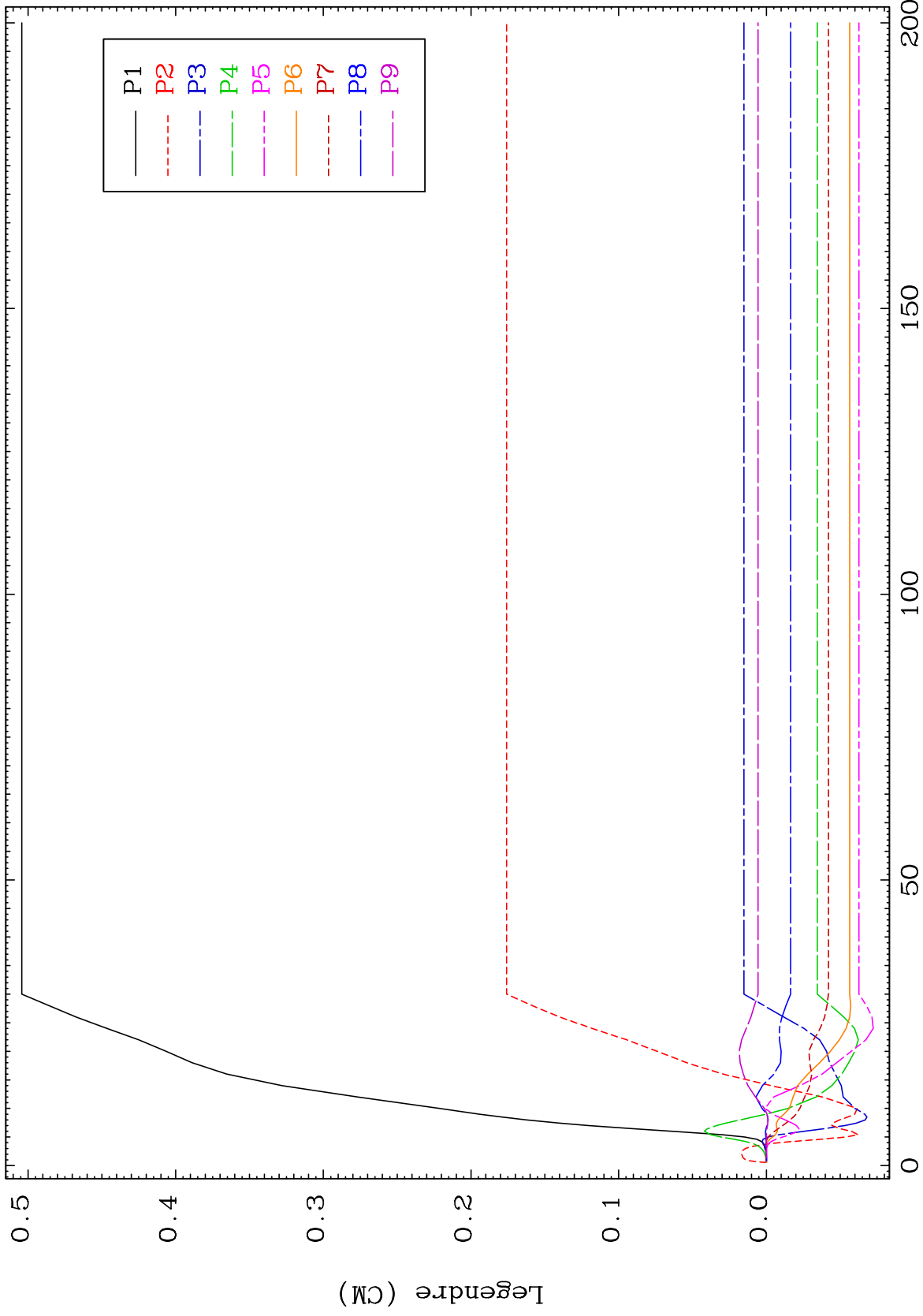
Incident Energy (MeV)

65

MAT 7380

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

74-W -165



66

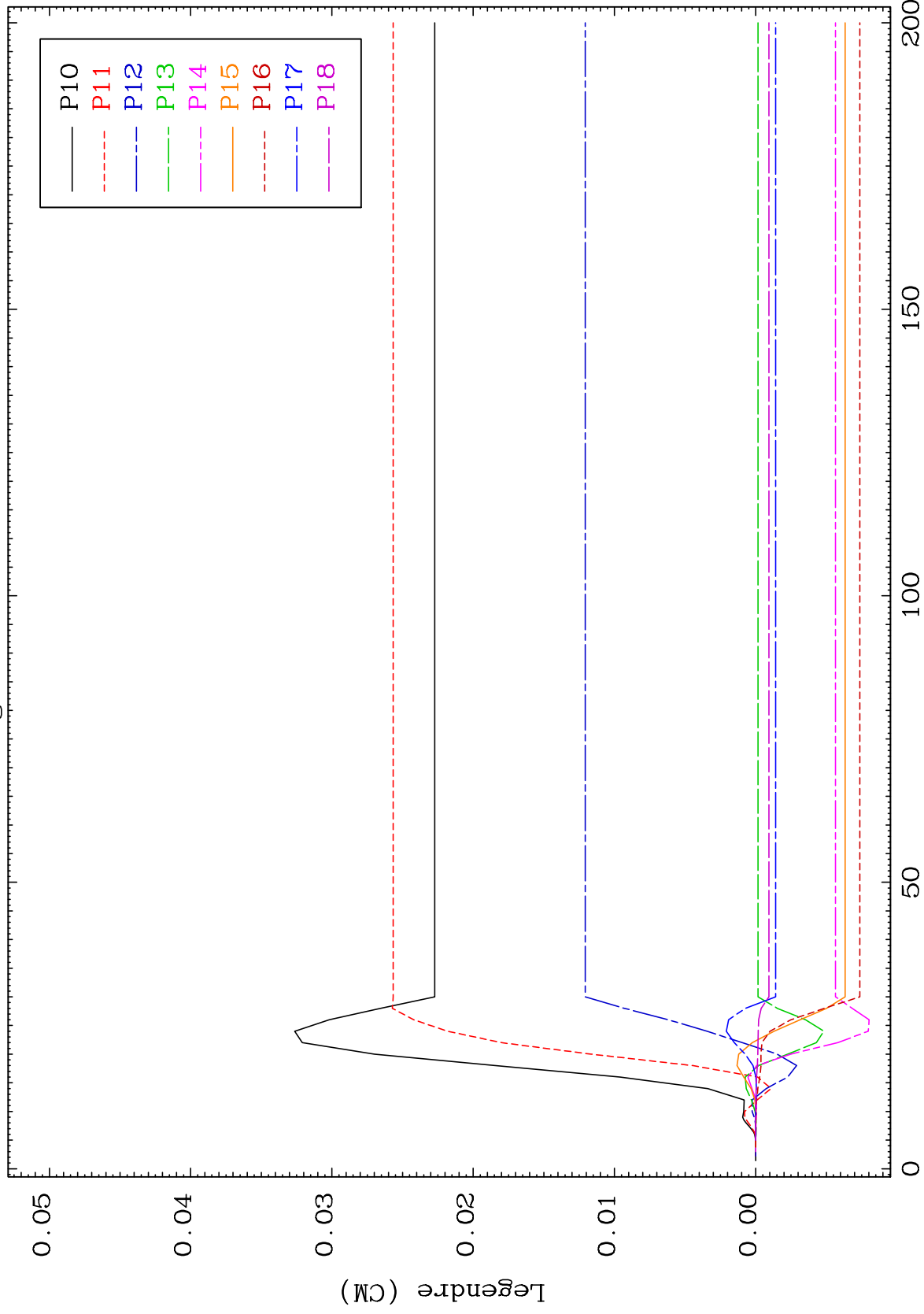
Incident Energy (MeV)

74-W -165

MAT 7380

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

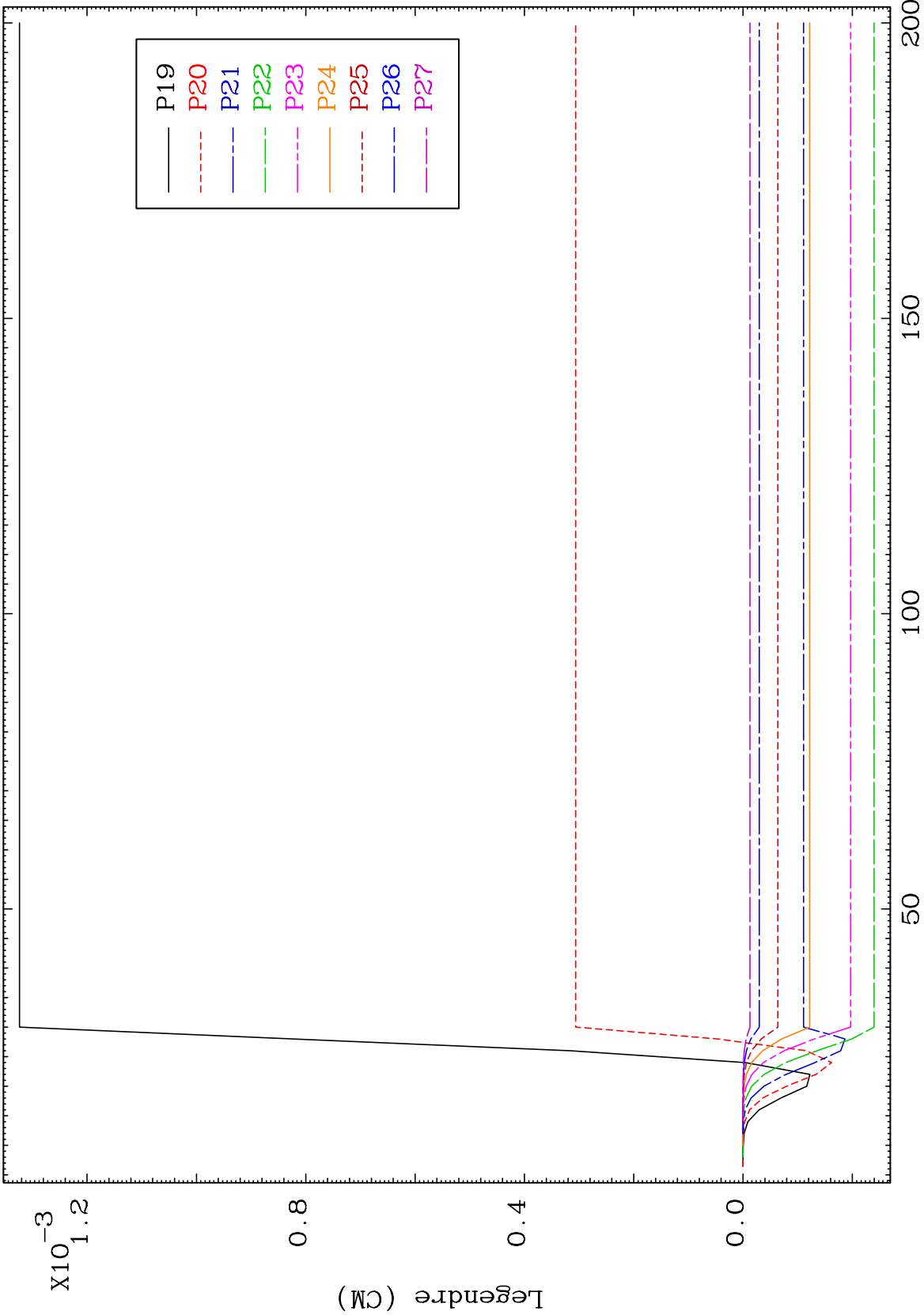
74-W -165



67

Incident Energy (MeV)

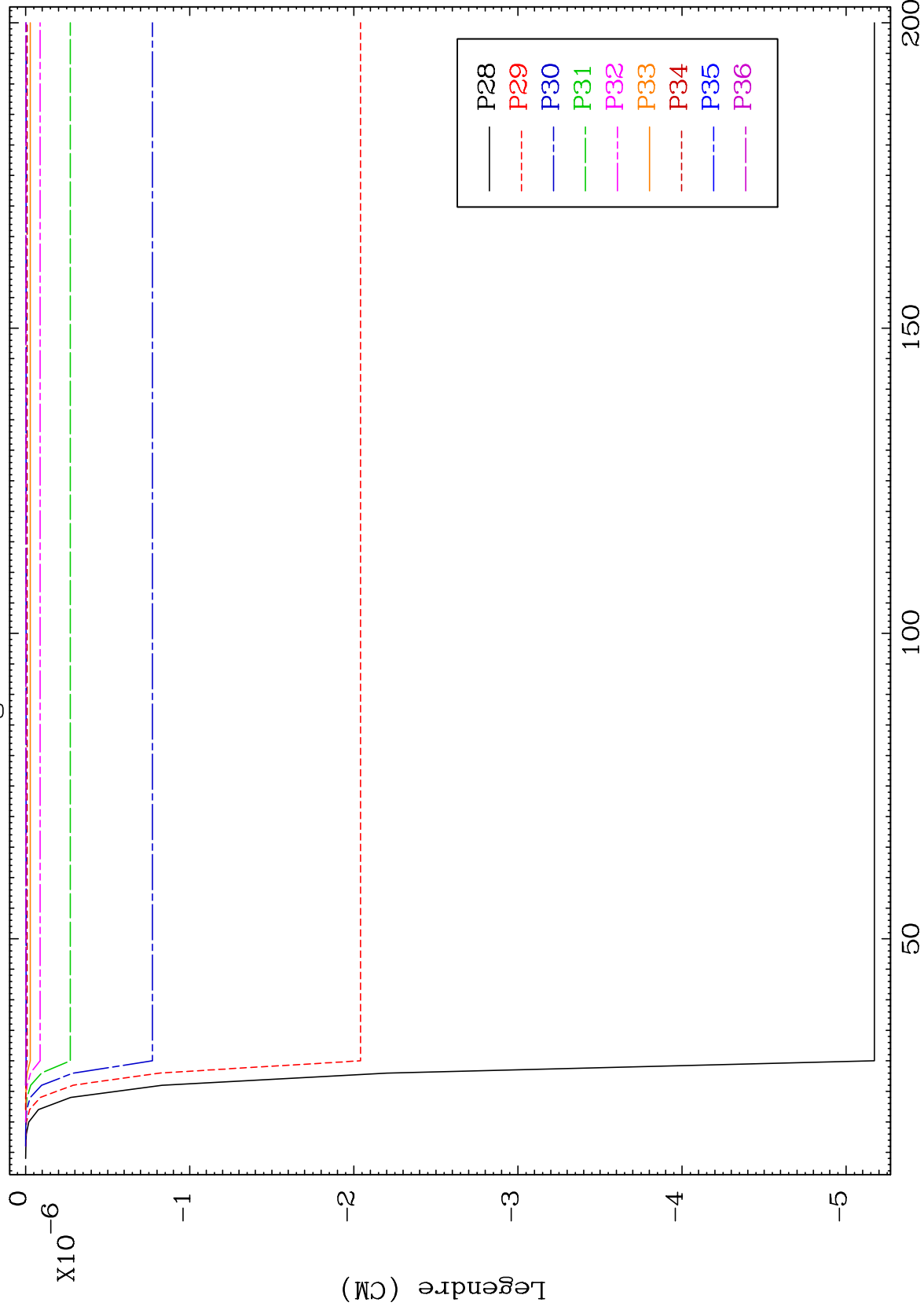
74-W -165



MAT 7380

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

74-W -165



74-W -165

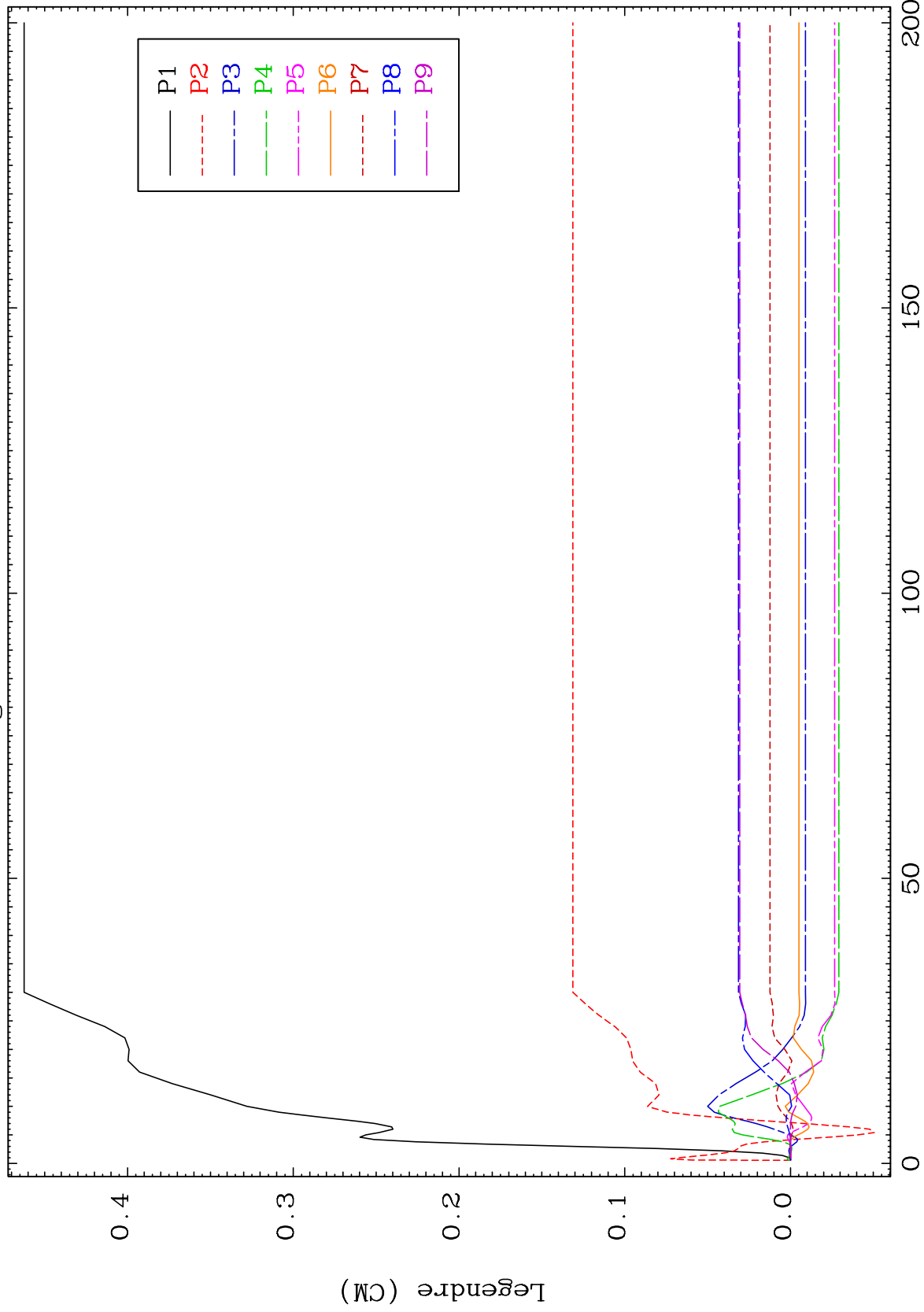
Incident Energy (MeV)

69

MAT 7380

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

74-W -165



70

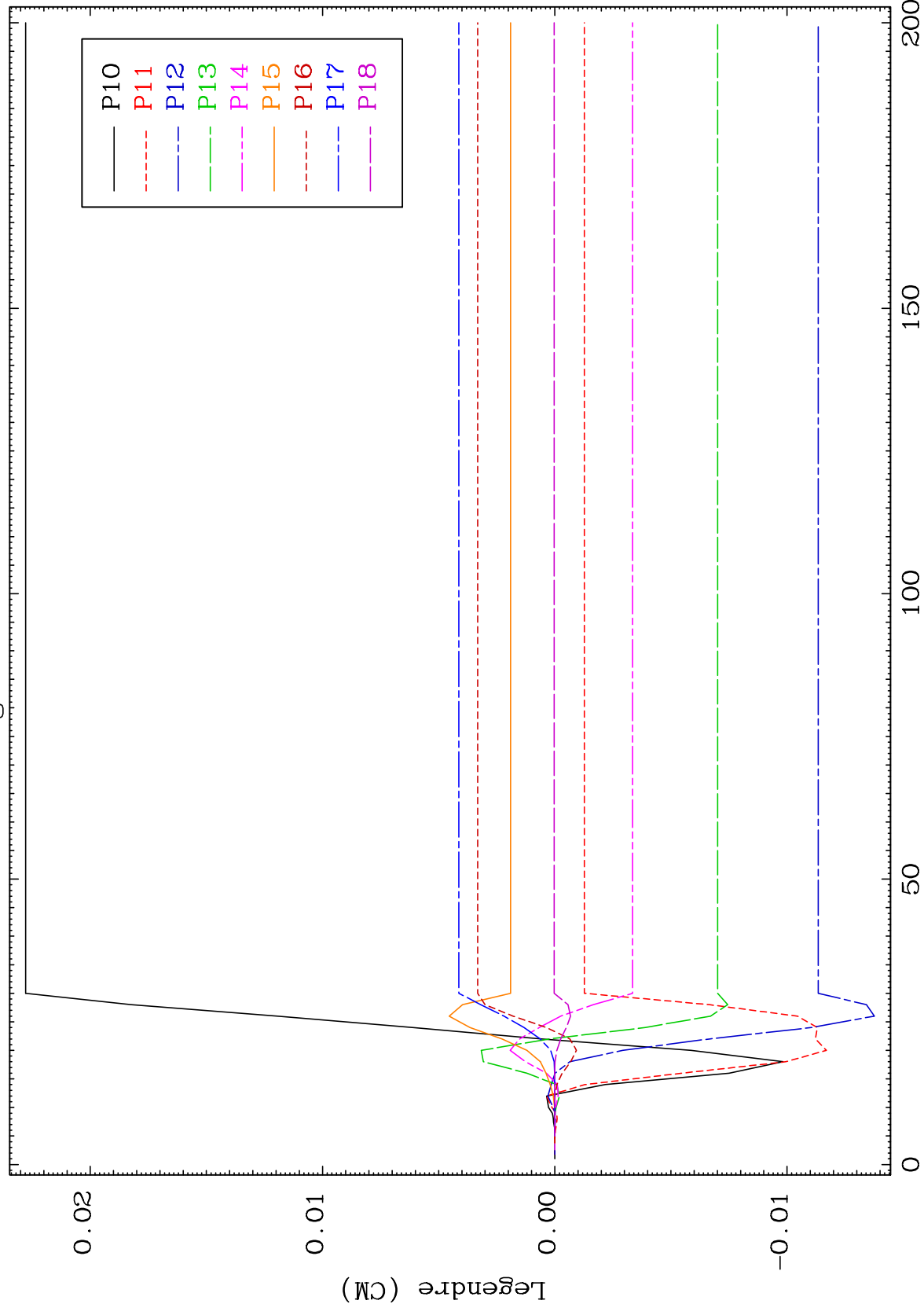
Incident Energy (MeV)

74-W -165

MAT 7380

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

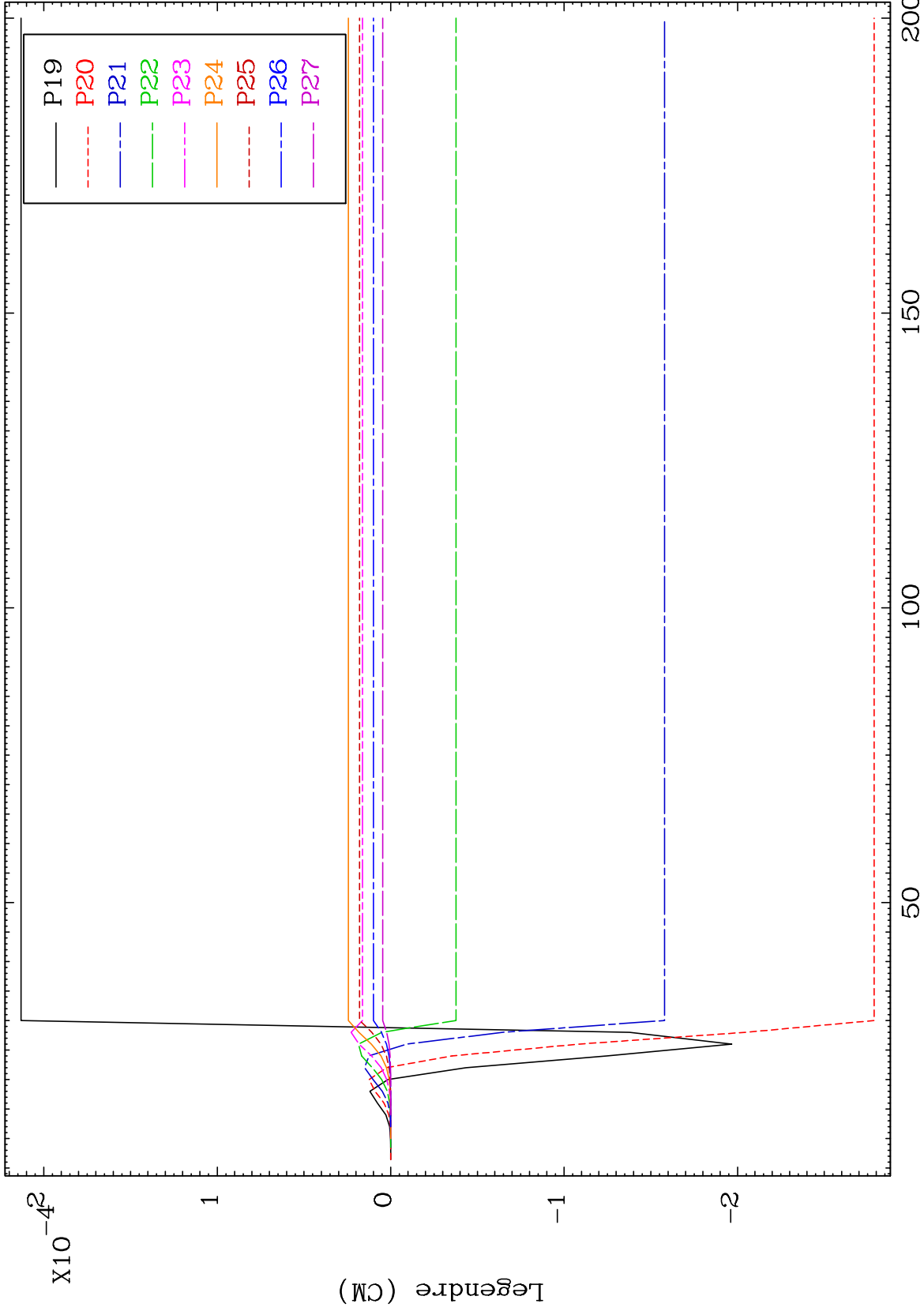
74-W -165



71

Incident Energy (MeV)

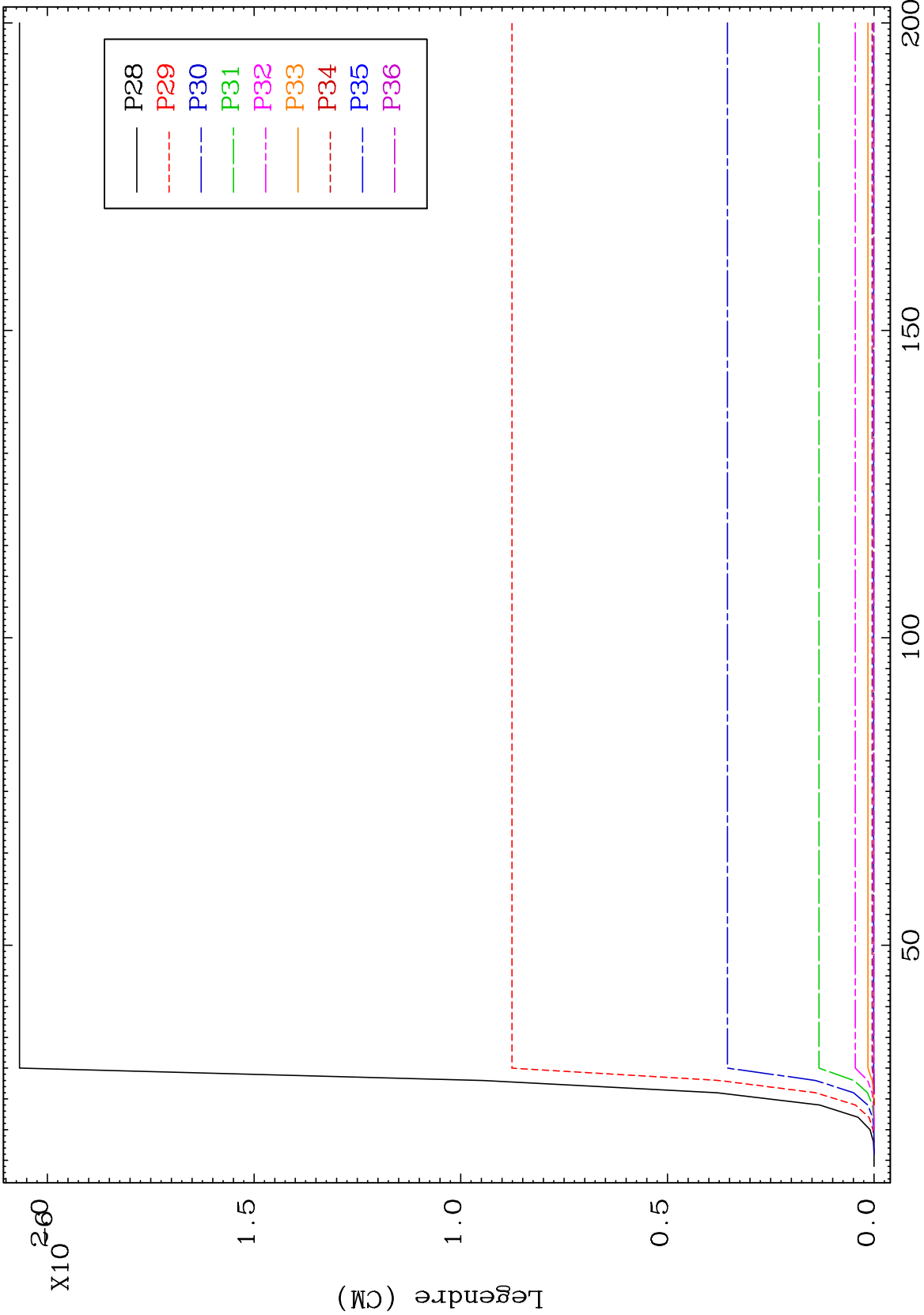
74-W -165



MAT 7380

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

74-W -165



73

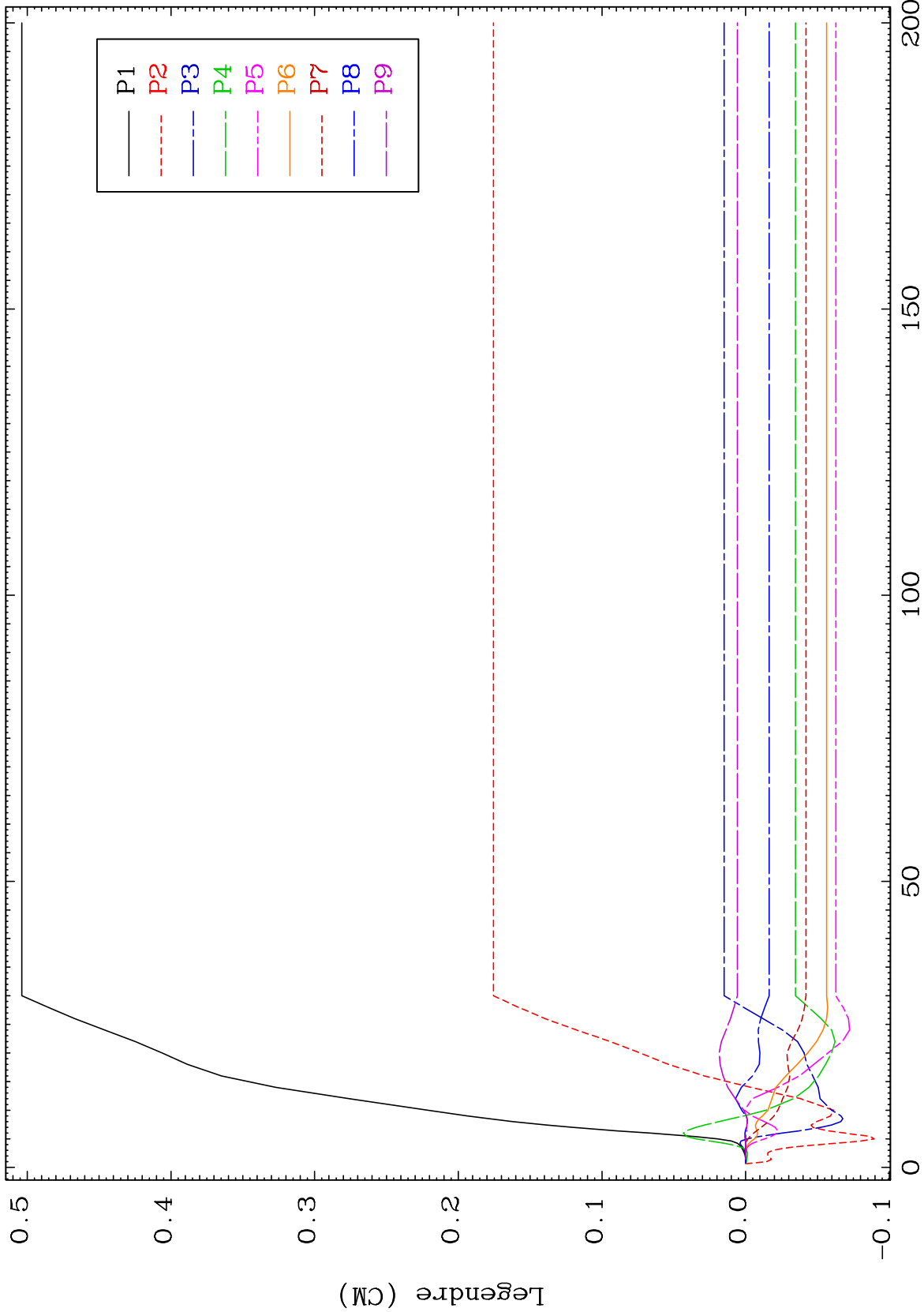
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



74

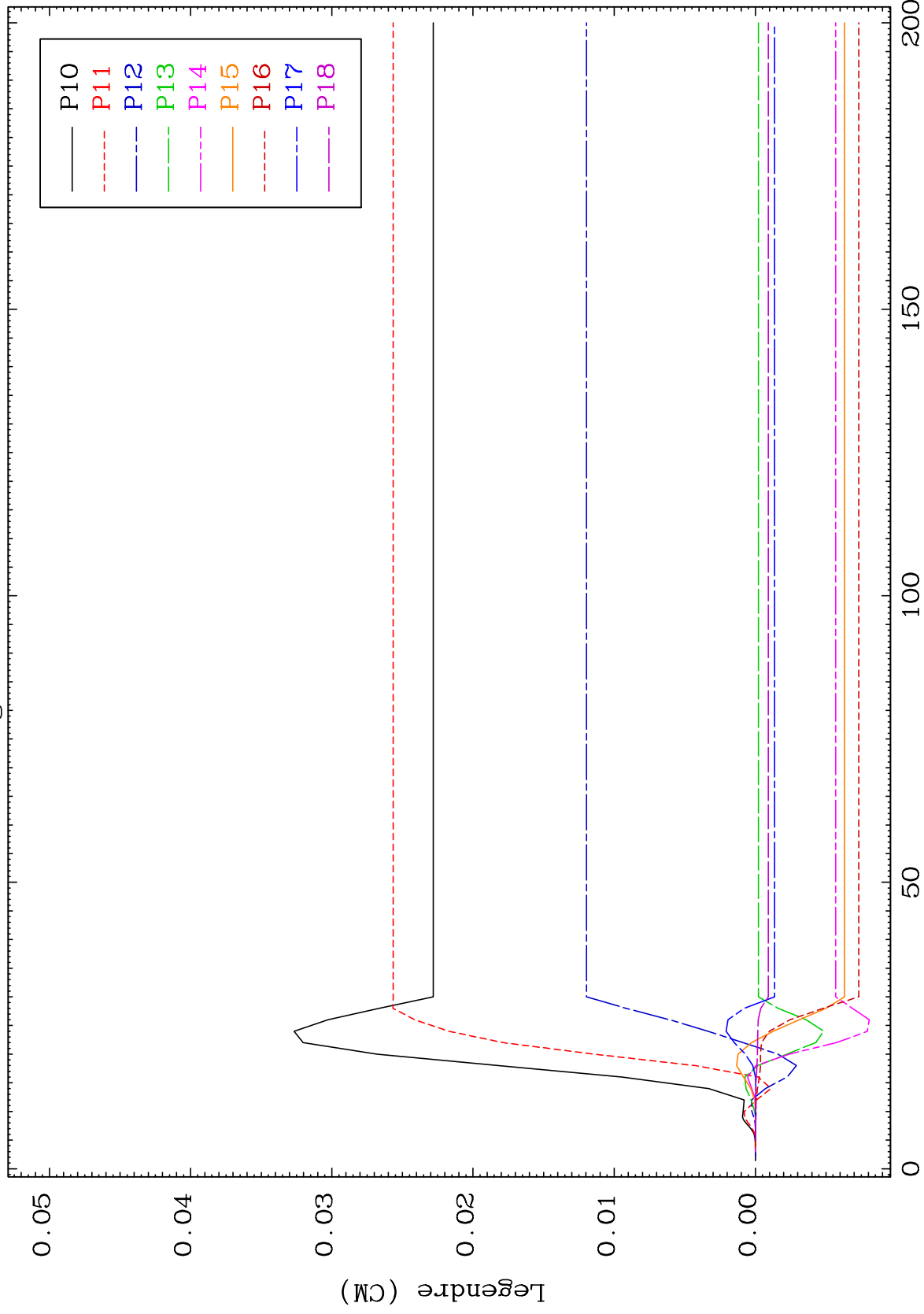
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



75

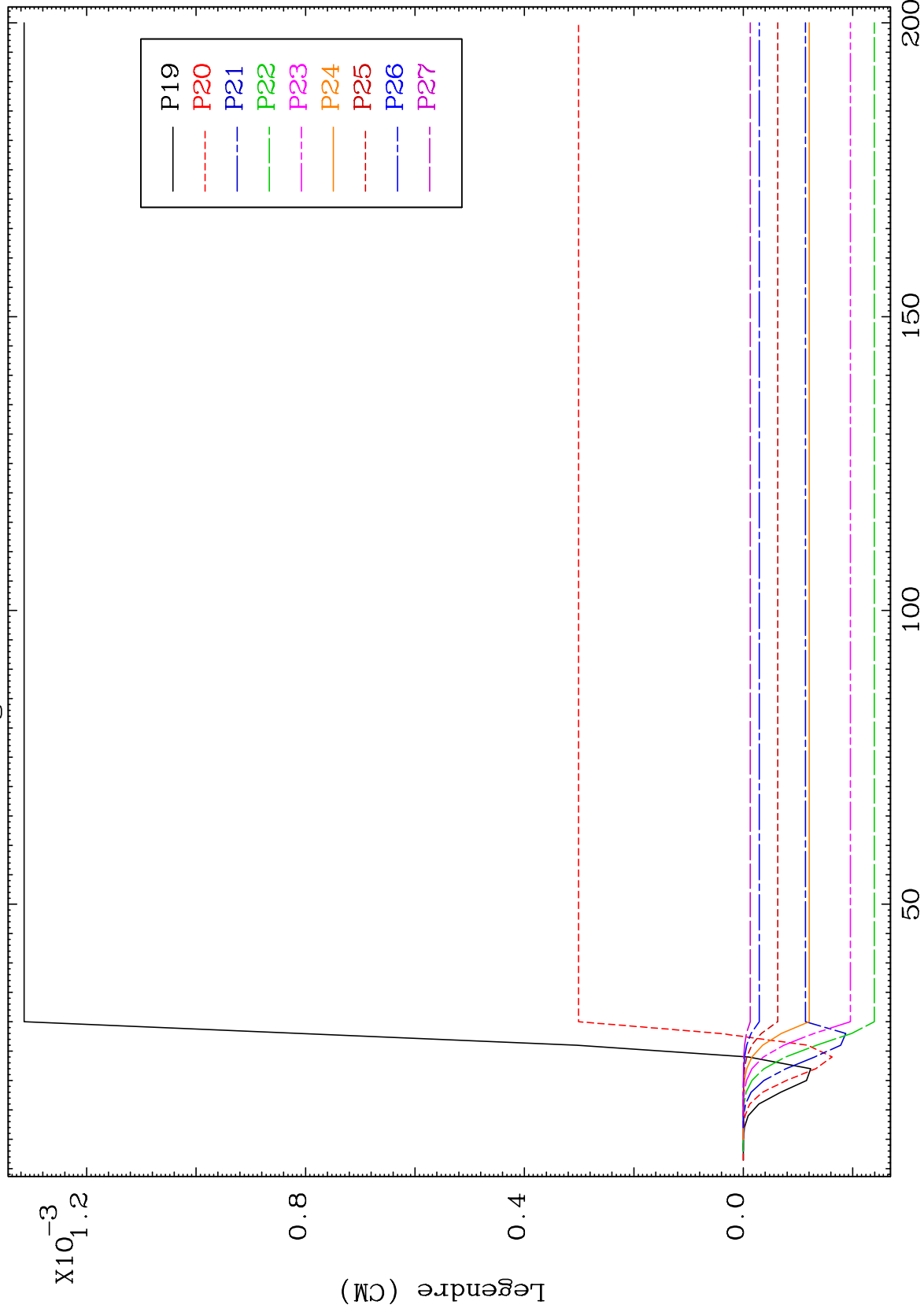
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



76

Incident Energy (MeV)

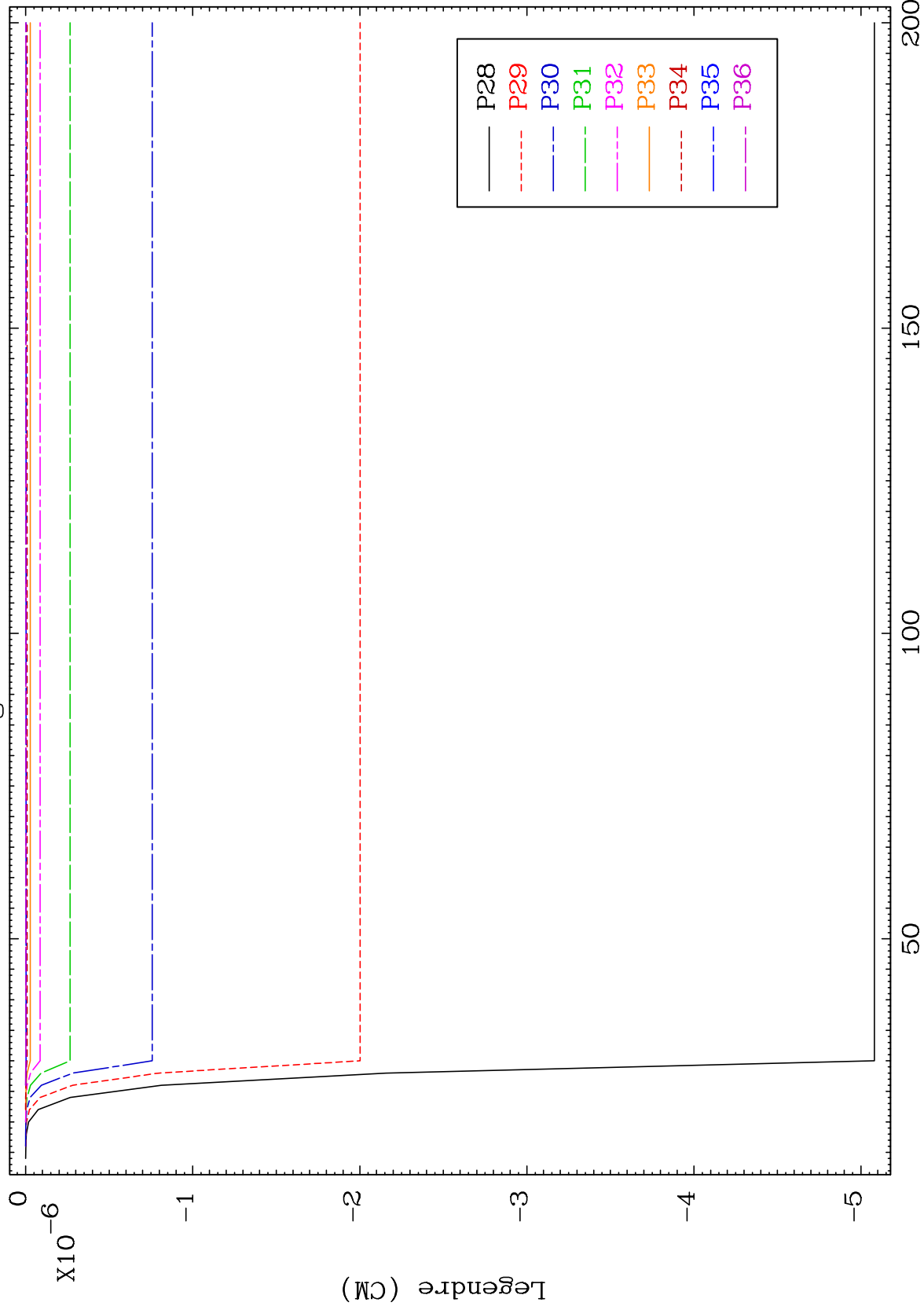
74-W -165

MAT 7380

MT= 64 (n,n') Level

74-W -165

Legendre Coefficients



74-W -165

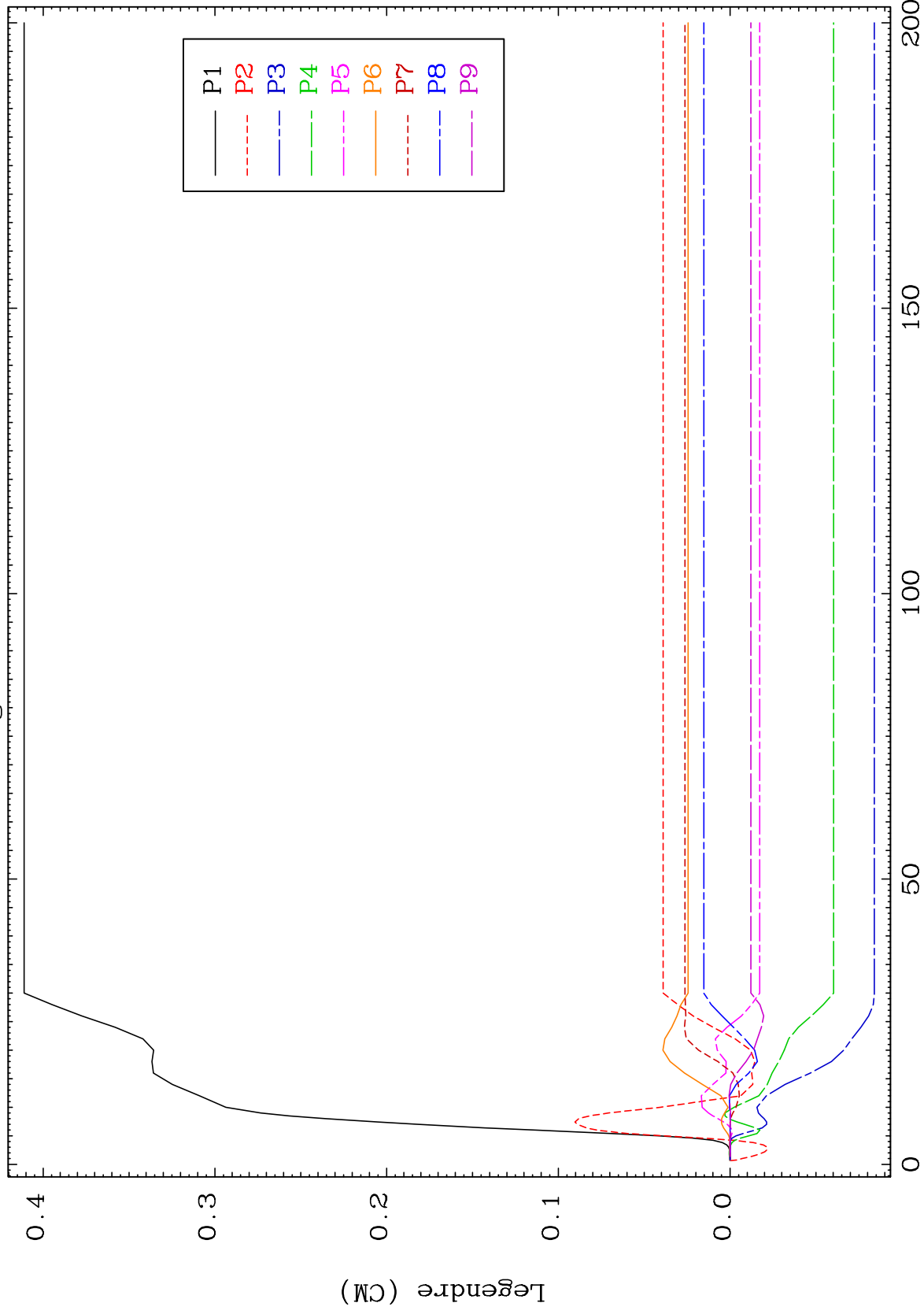
Incident Energy (MeV)

77

MAT 7380

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

74-W -165



78

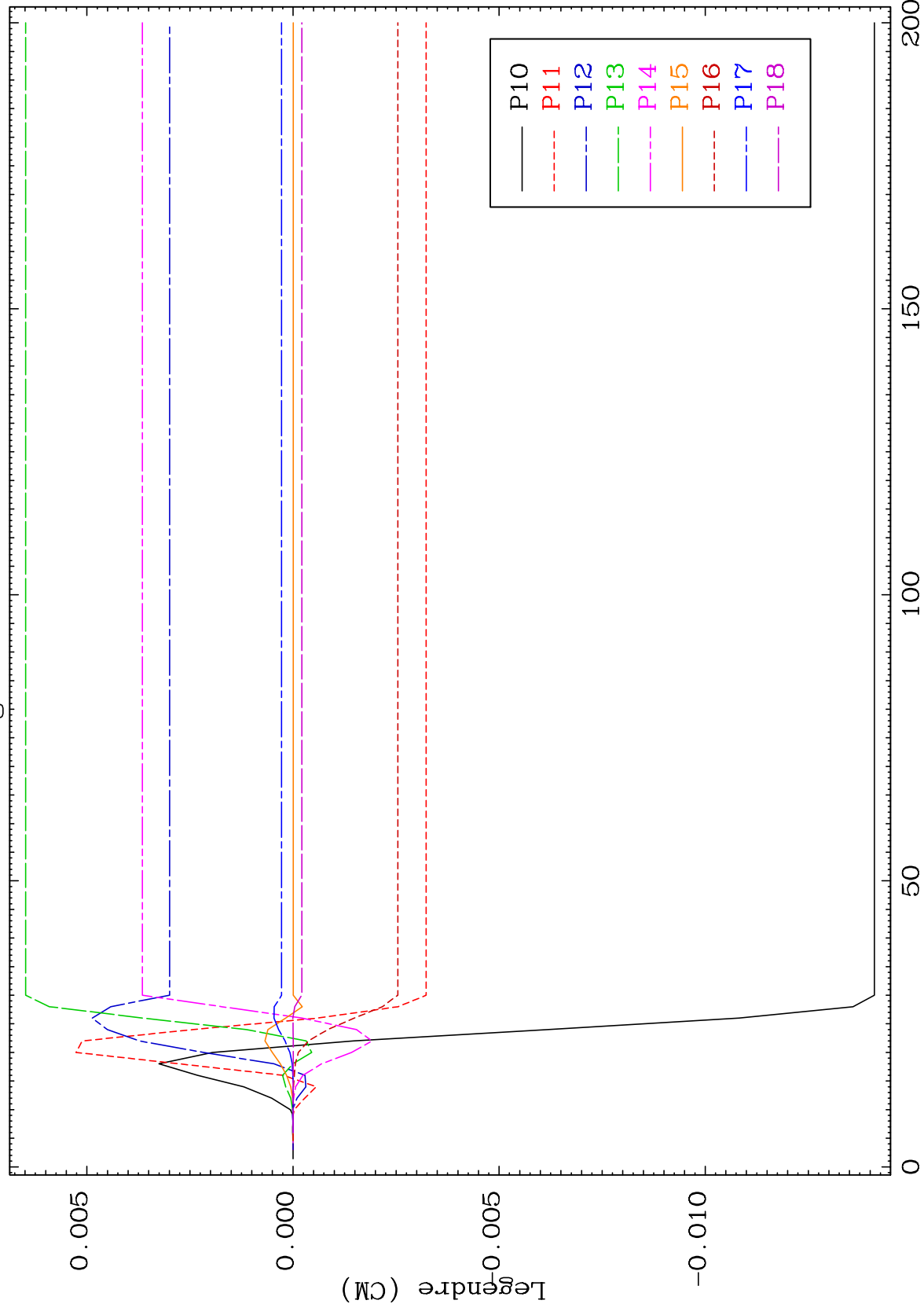
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



79

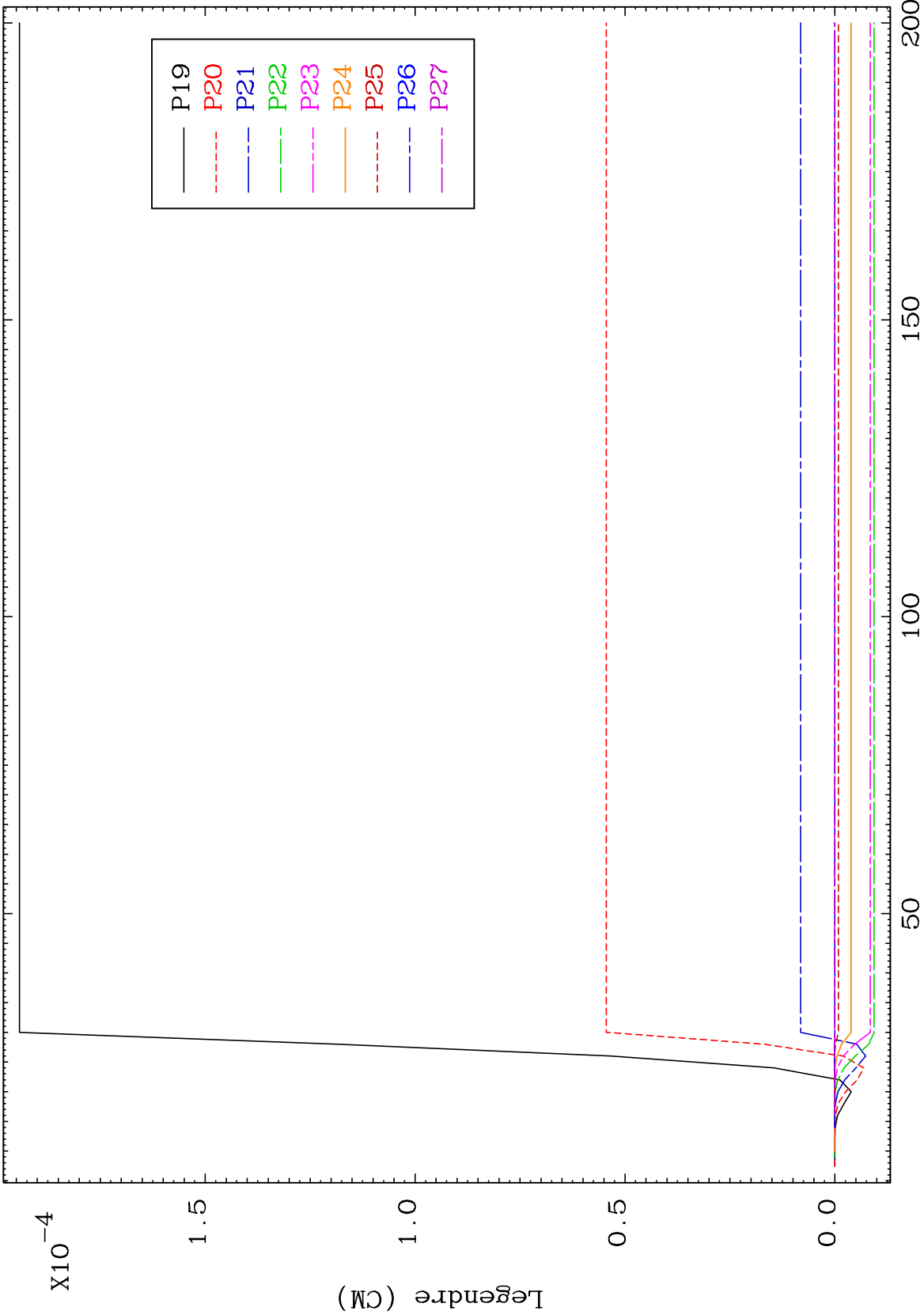
Incident Energy (MeV)

74-W -165

MAT 7380

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

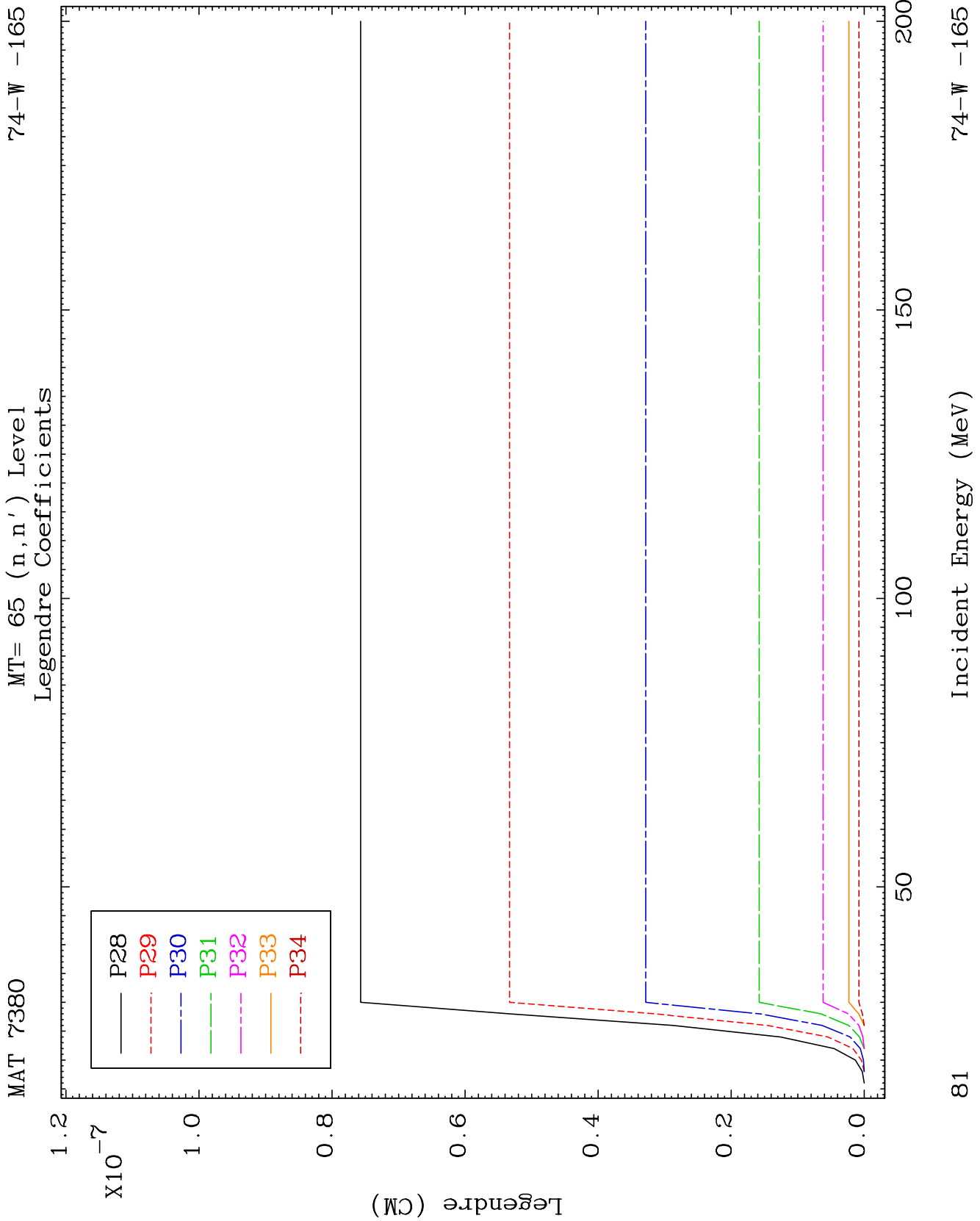
74-W -165



80

Incident Energy (MeV)

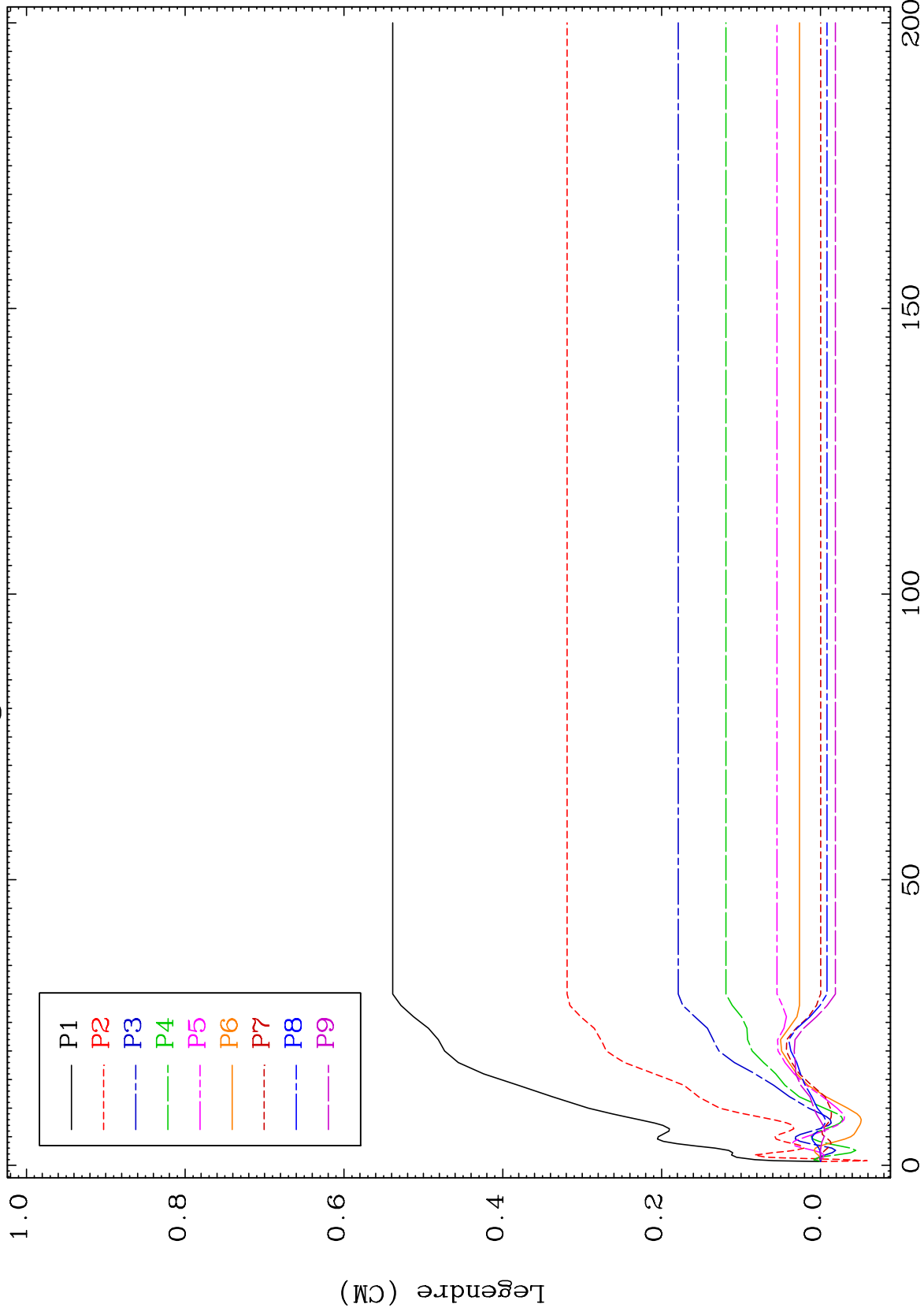
74-W -165



MAT 7380

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

74-W -165



82

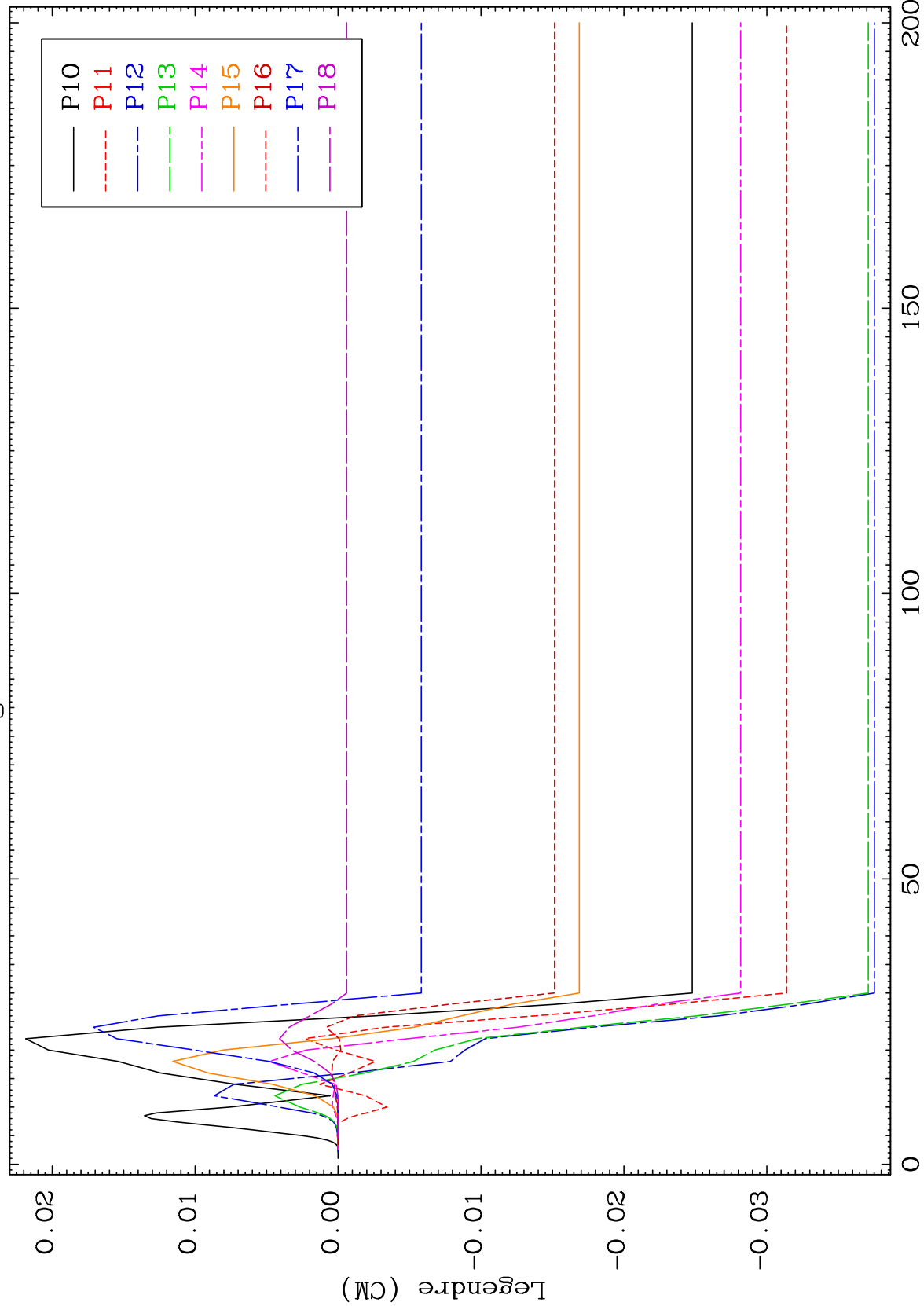
Incident Energy (MeV)

74-W -165

MAT 7380

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

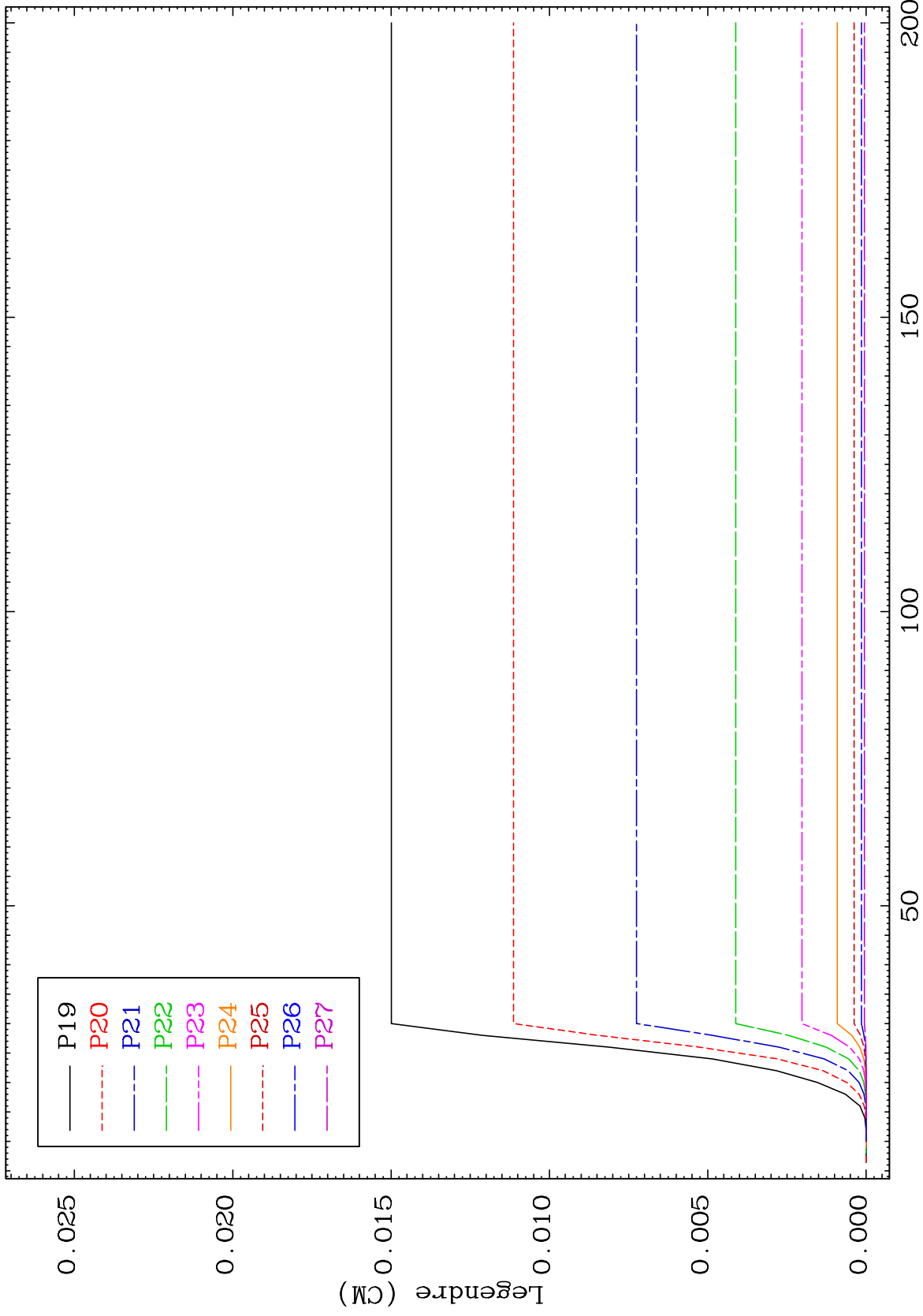
74-W -165



83

Incident Energy (MeV)

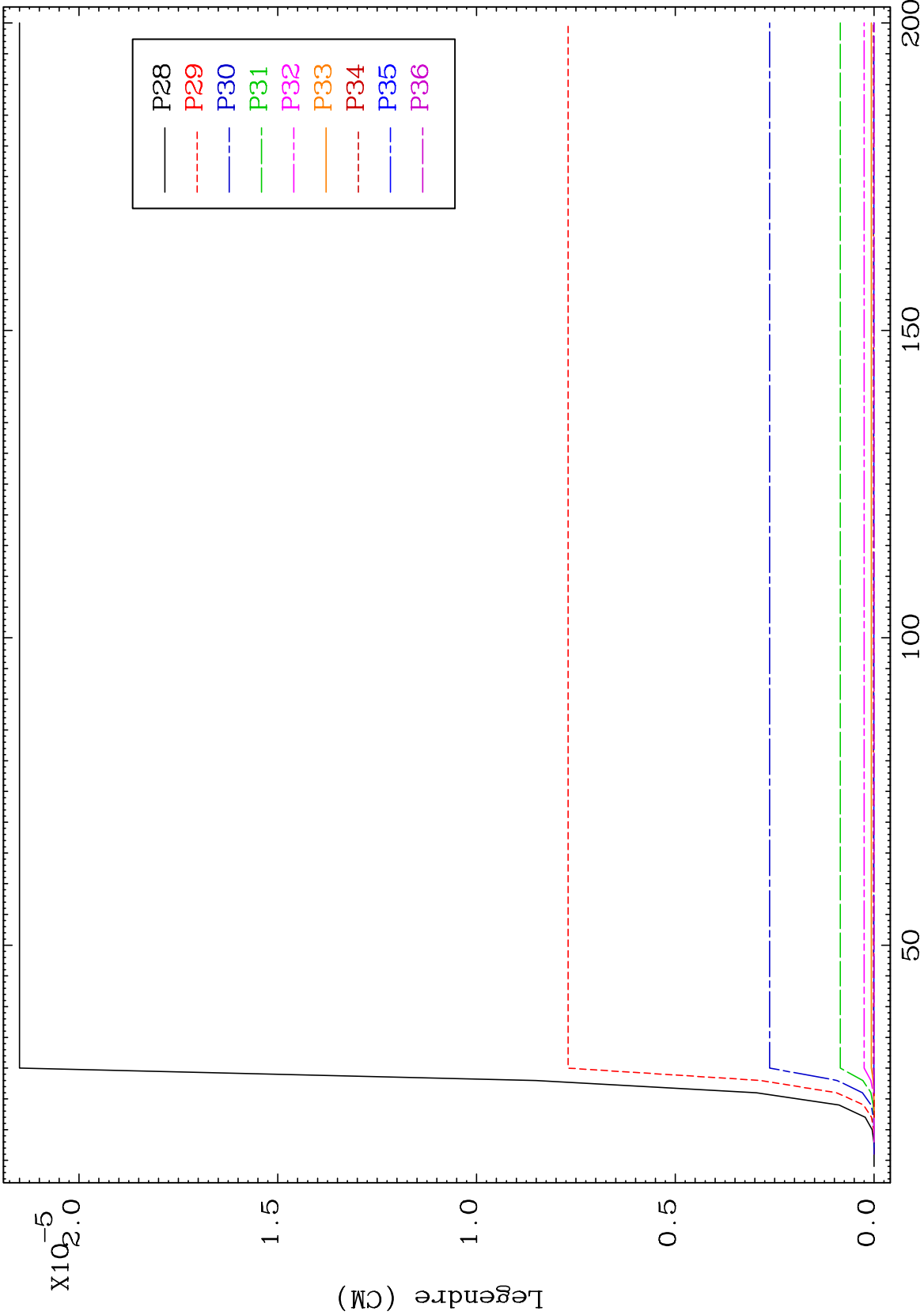
74-W -165



MAT 7380

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

74-W -165



85

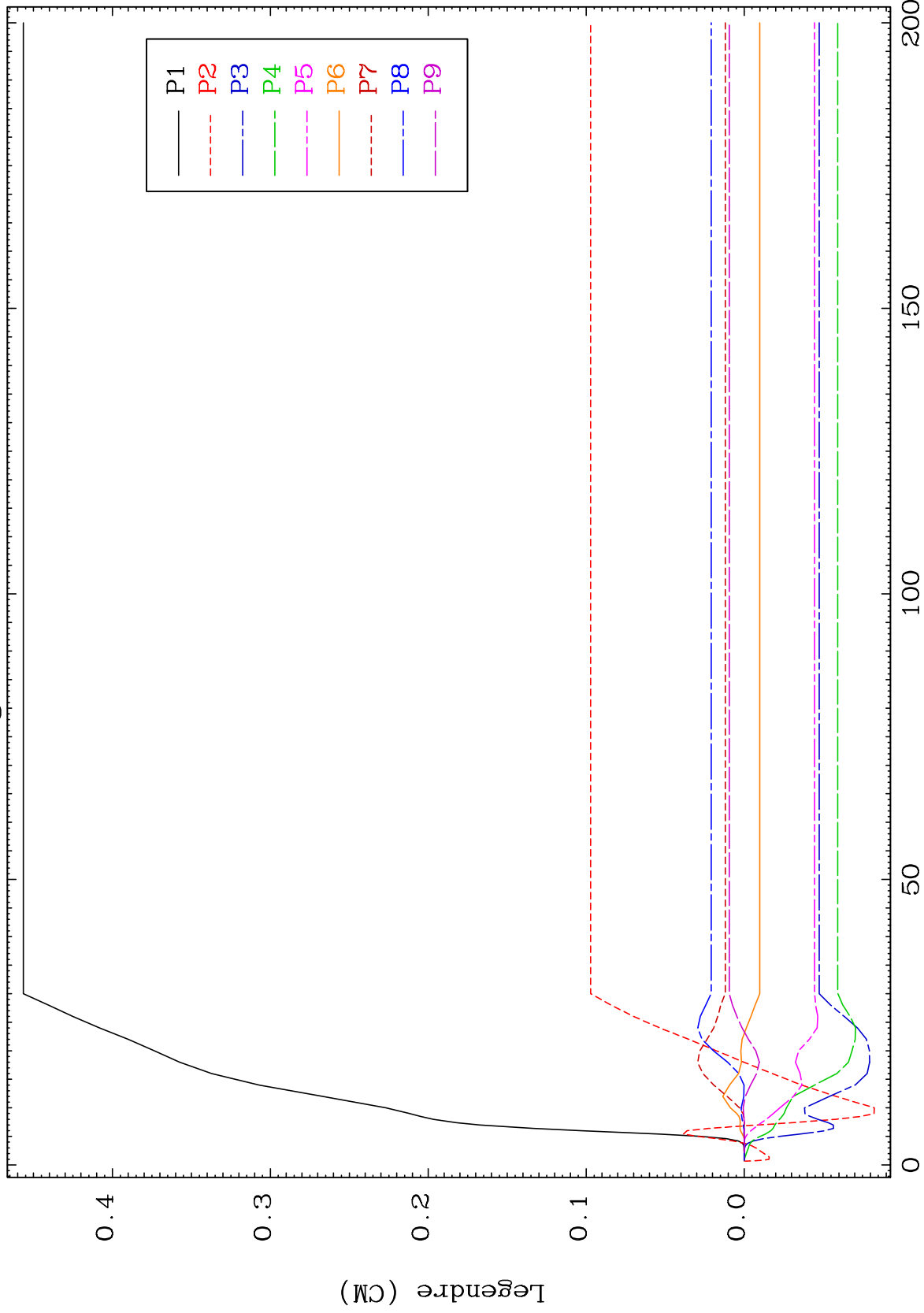
Incident Energy (MeV)

74-W -165

MAT 7380

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

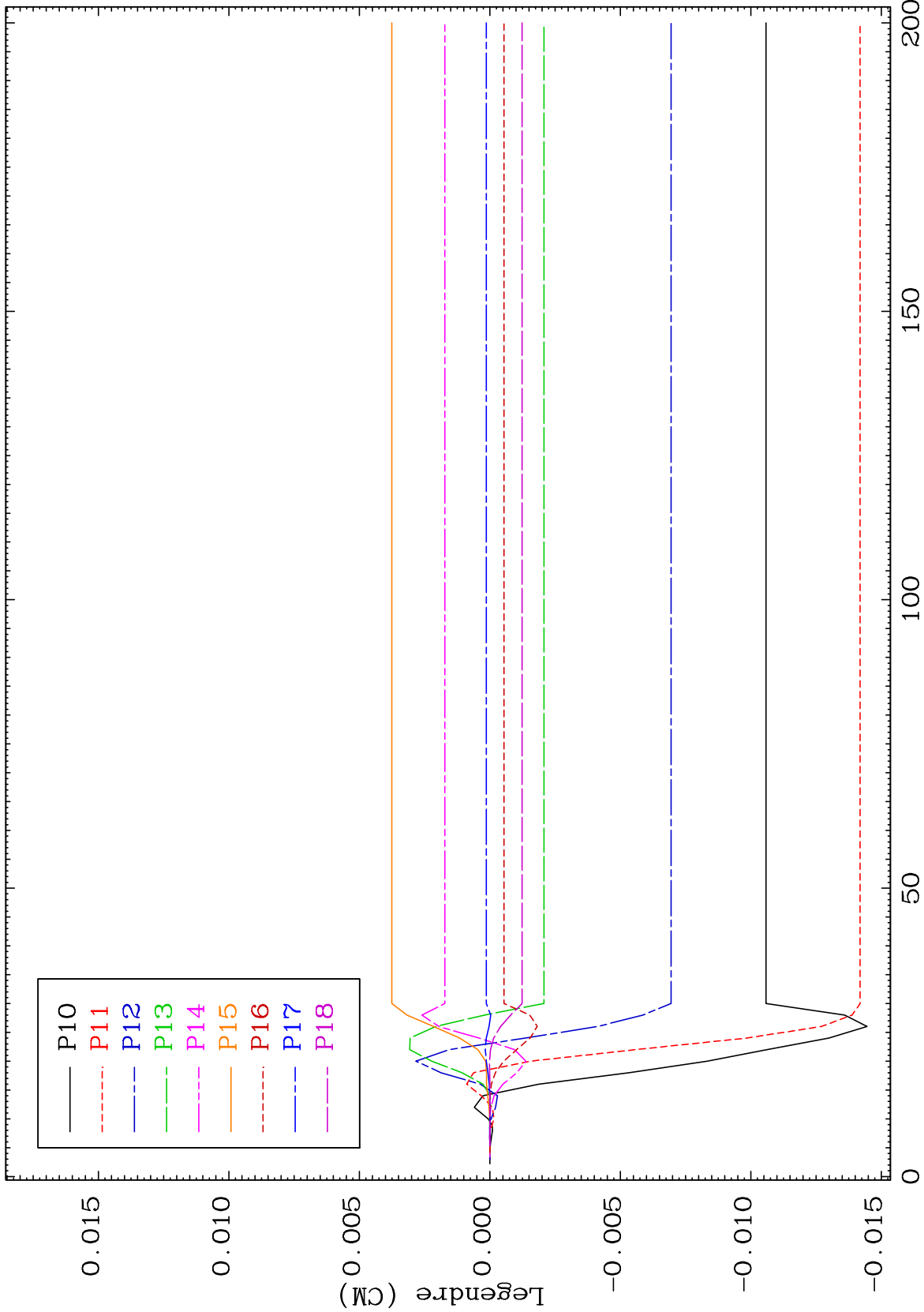
74-W -165

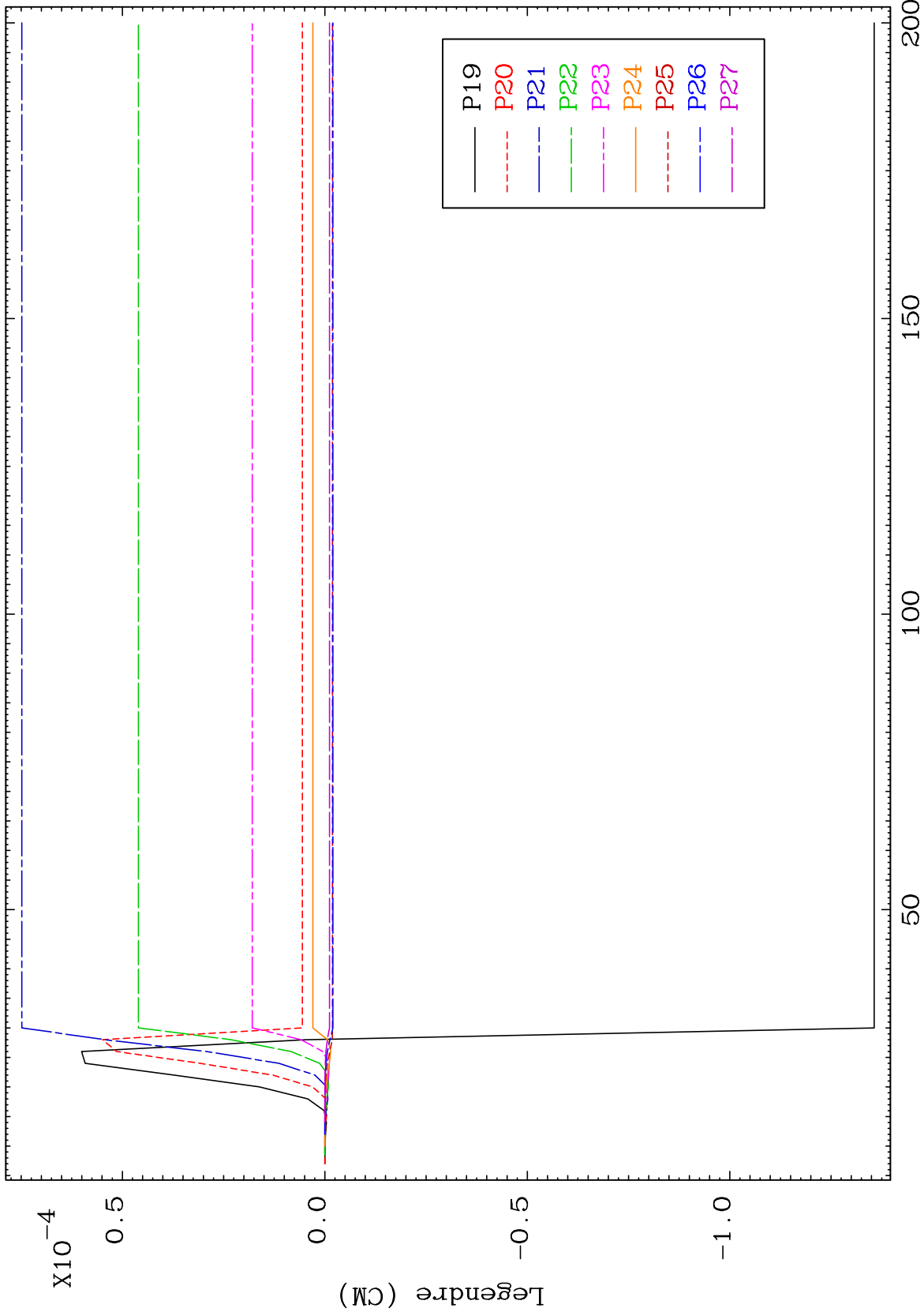


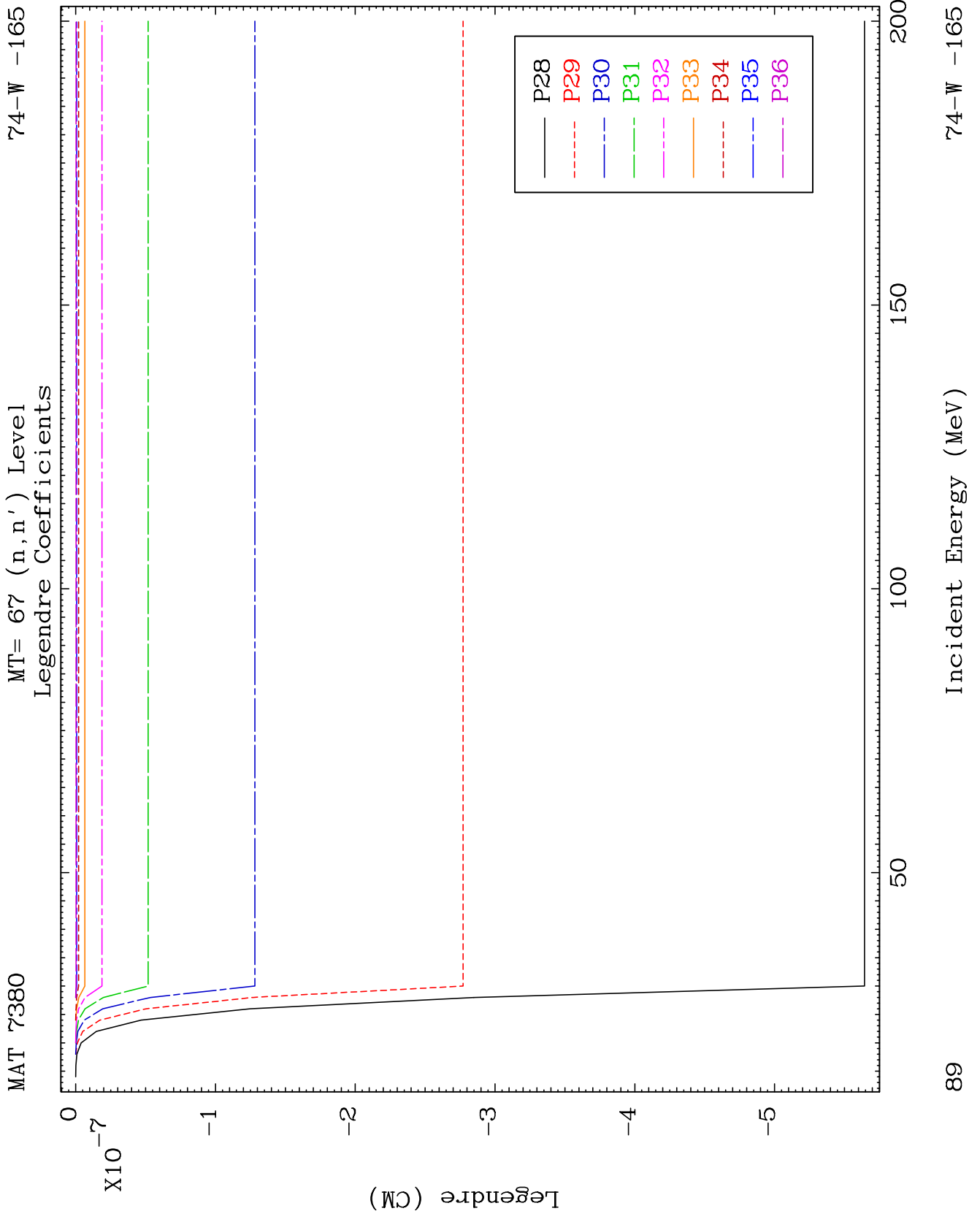
86

Incident Energy (MeV)

74-W -165



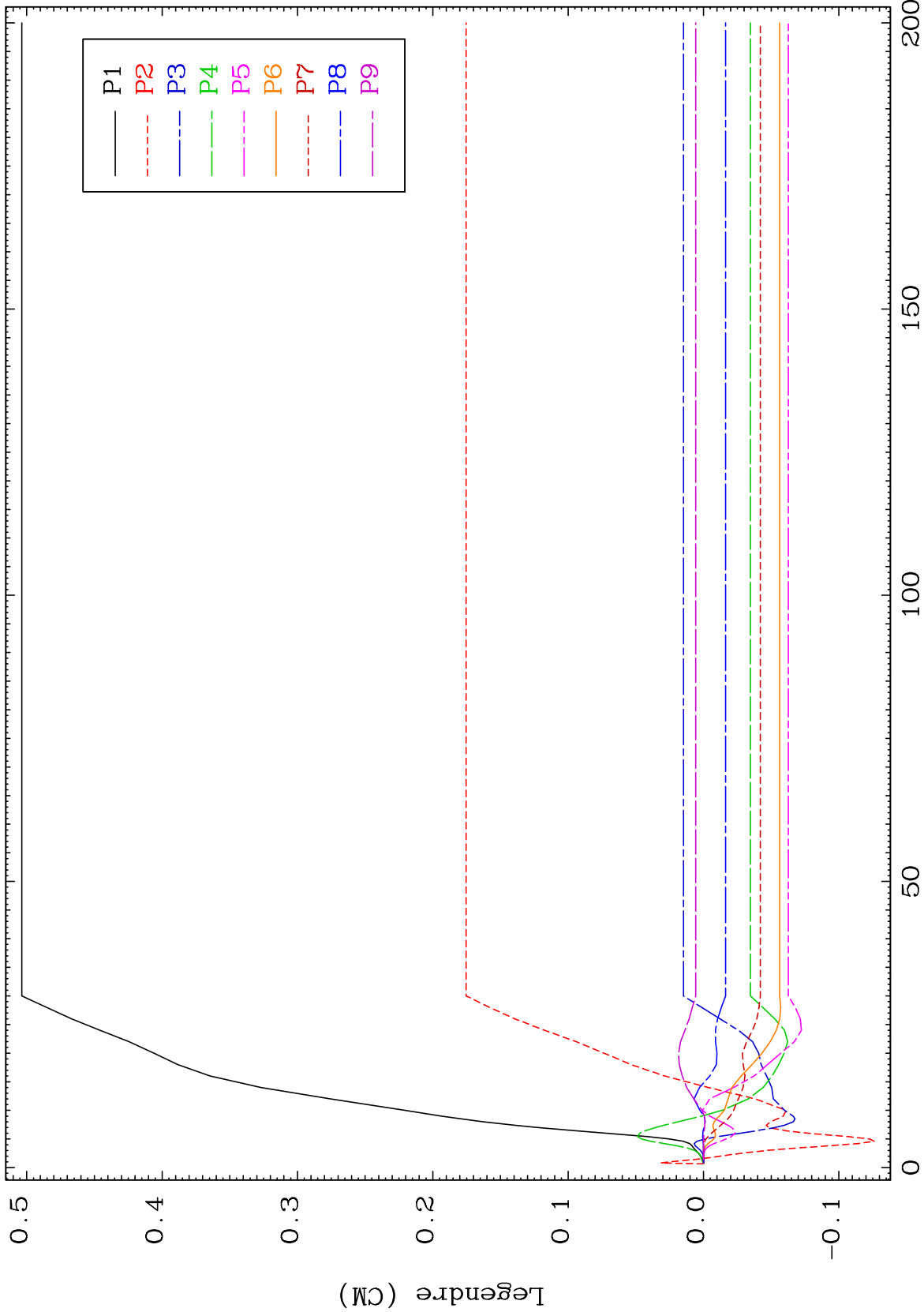




MAT 7380

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

74-W -165



74-W -165

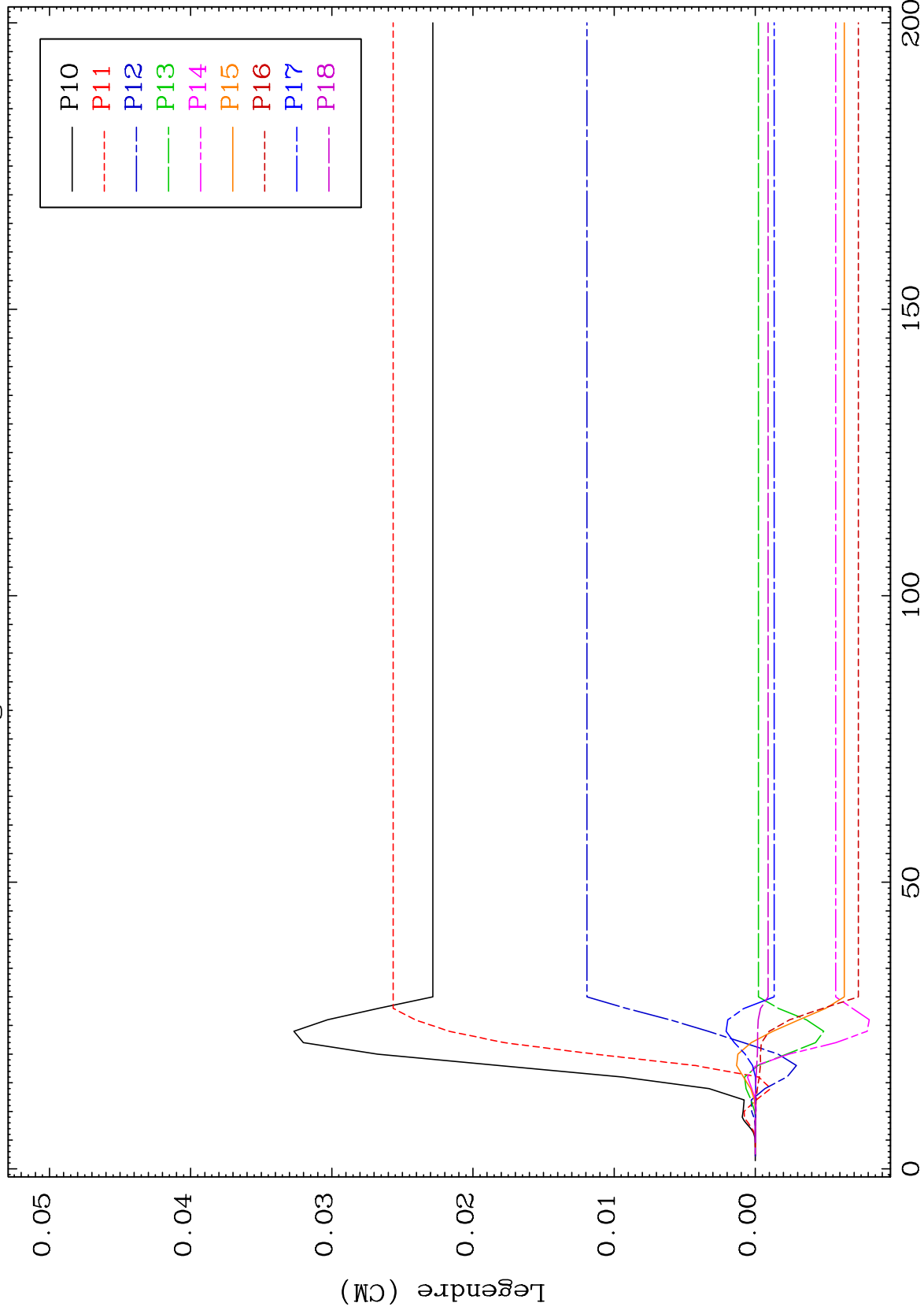
Incident Energy (MeV)

90

MAT 7380

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

74-W -165



91

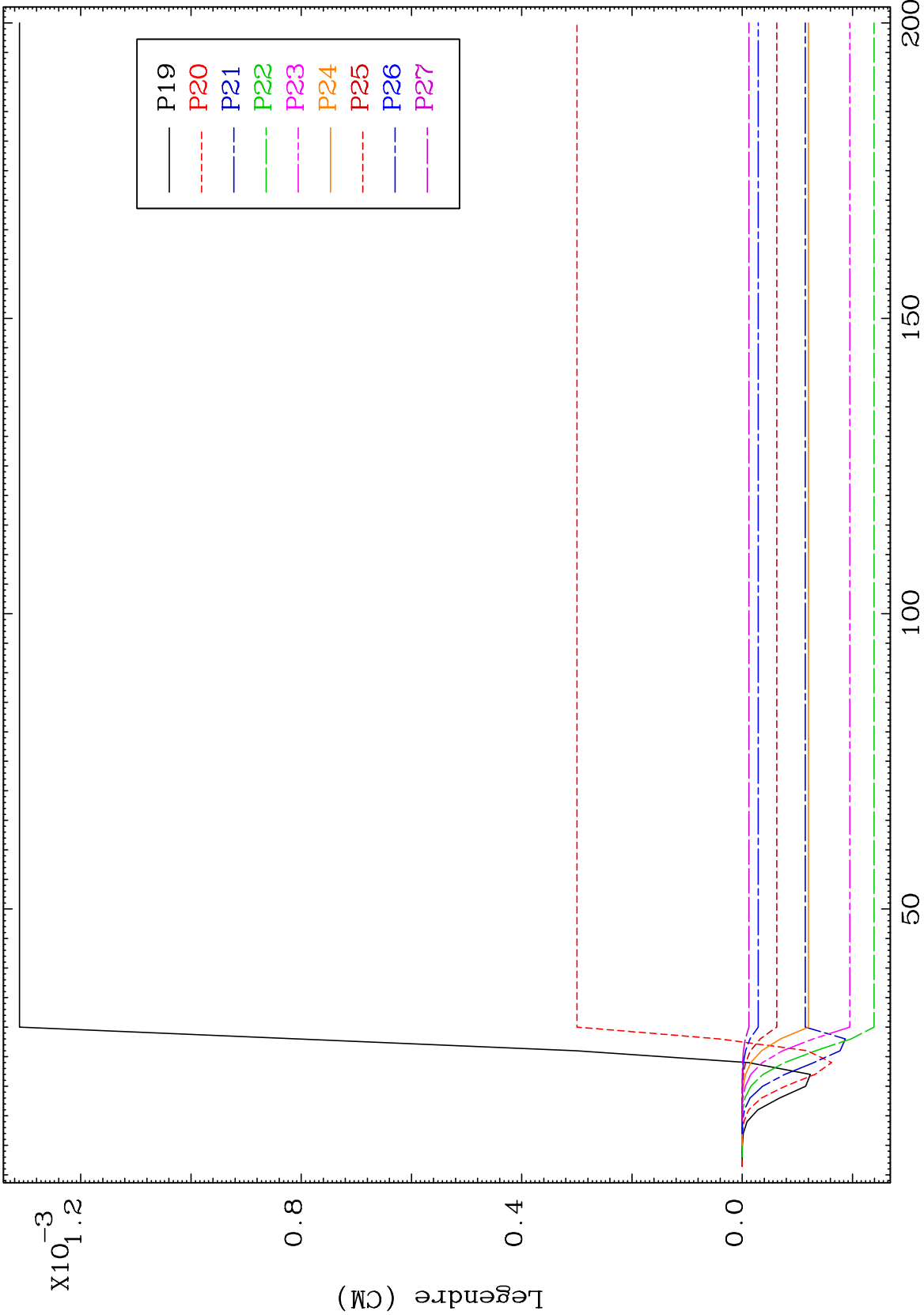
Incident Energy (MeV)

74-W -165

MAT 7380

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

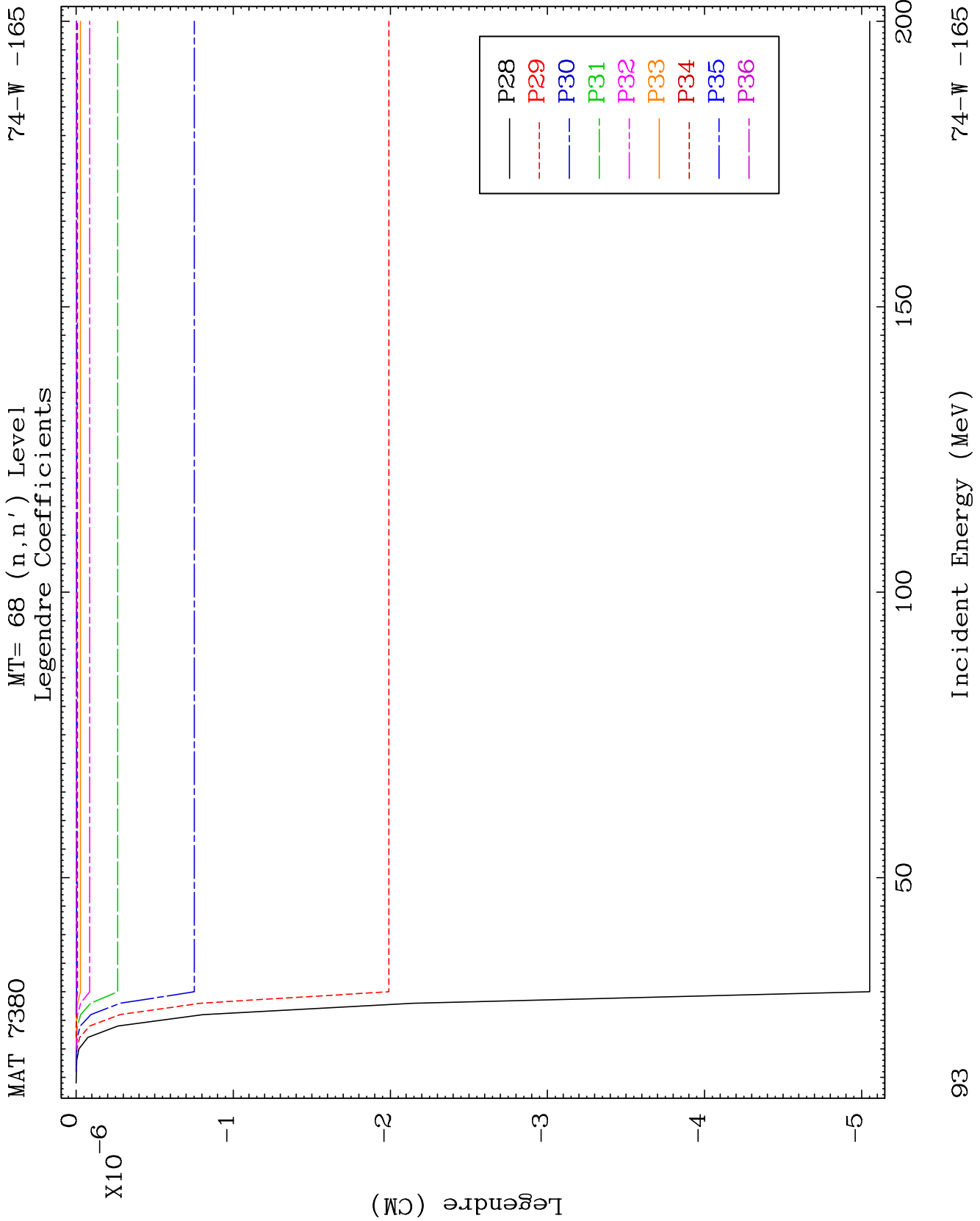
74-W -165



92

Incident Energy (MeV)

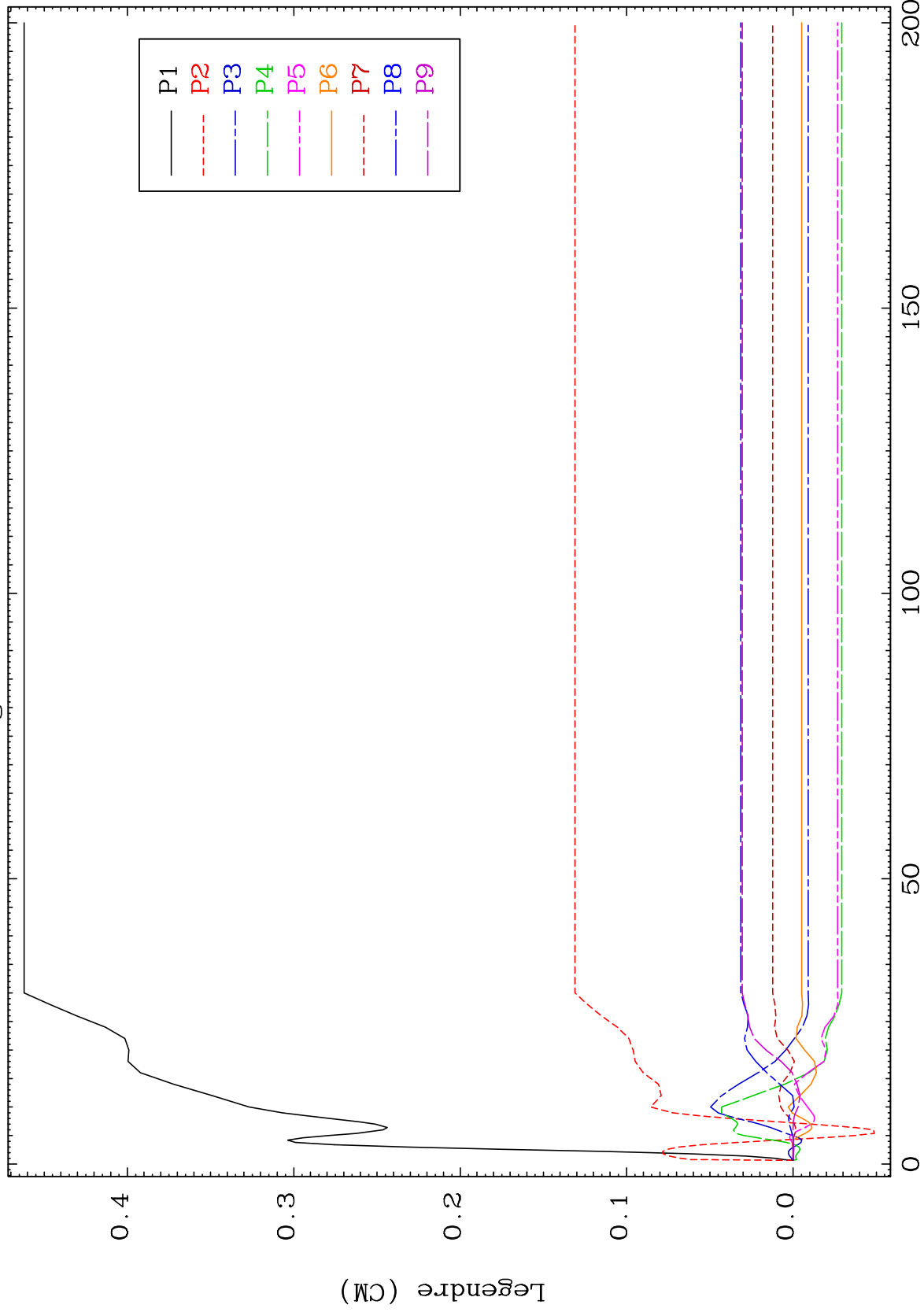
74-W -165



MAT 7380

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

74-W -165



94

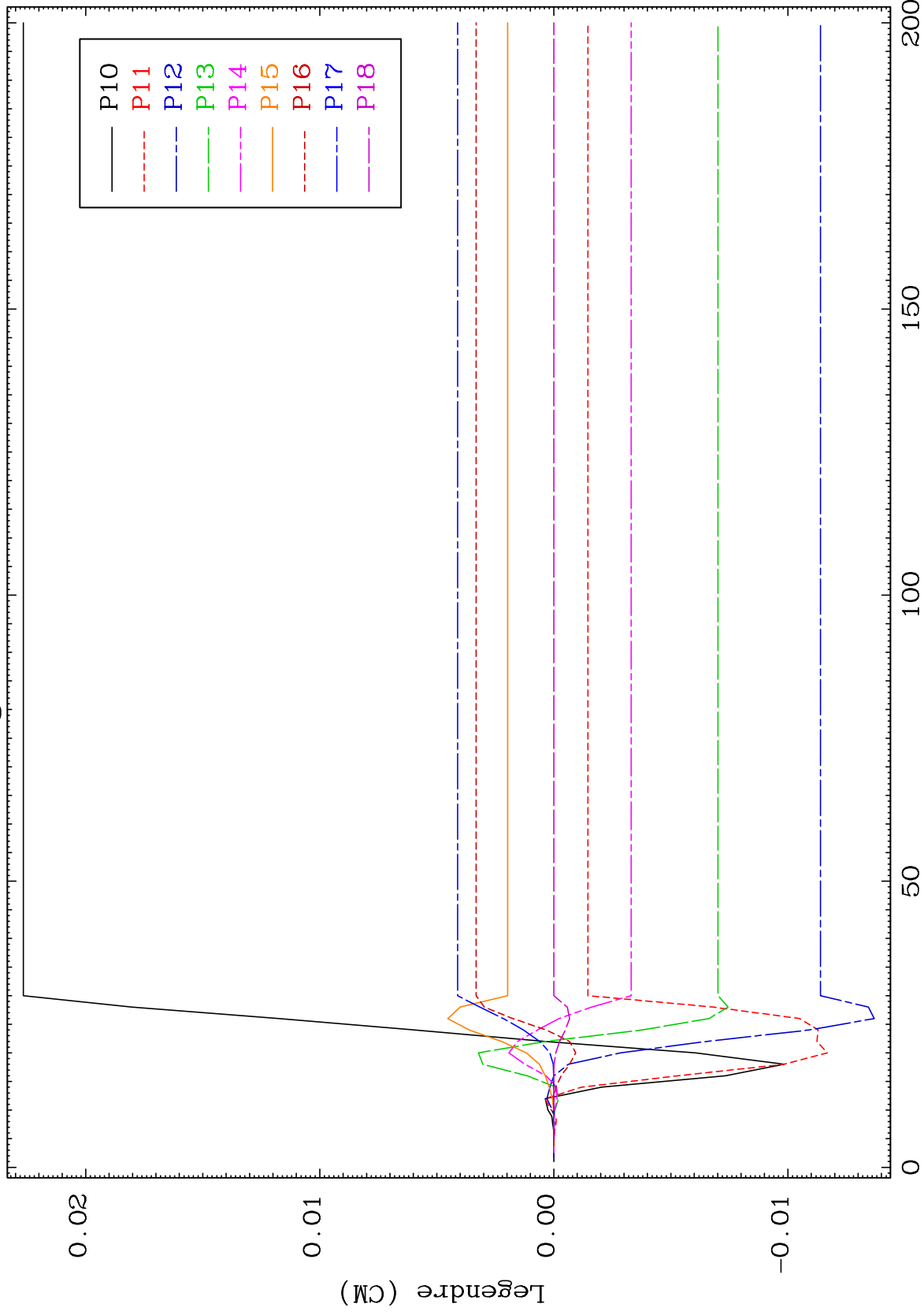
Incident Energy (MeV)

74-W -165

MAT 7380

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

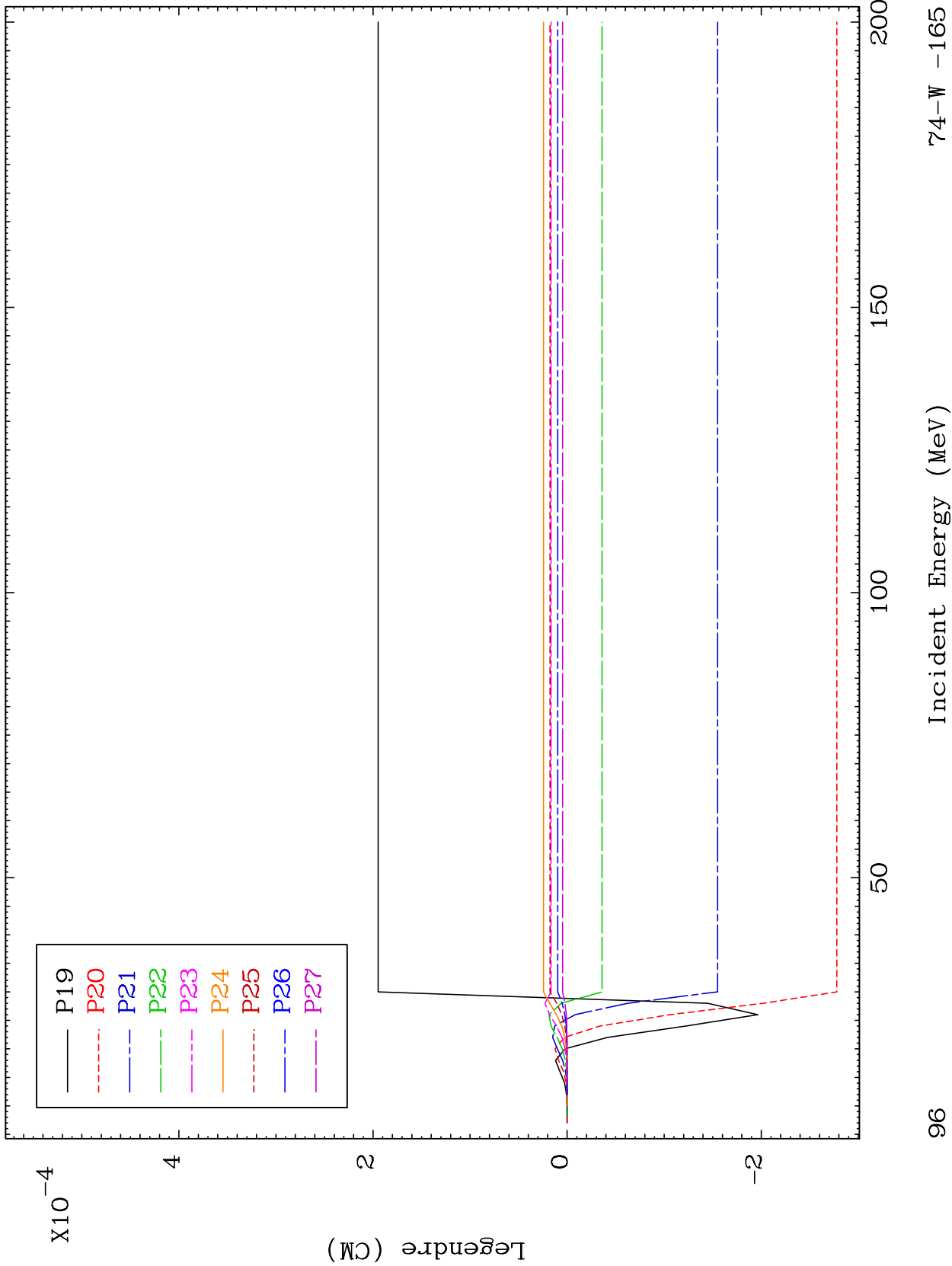
74-W -165



95

Incident Energy (MeV)

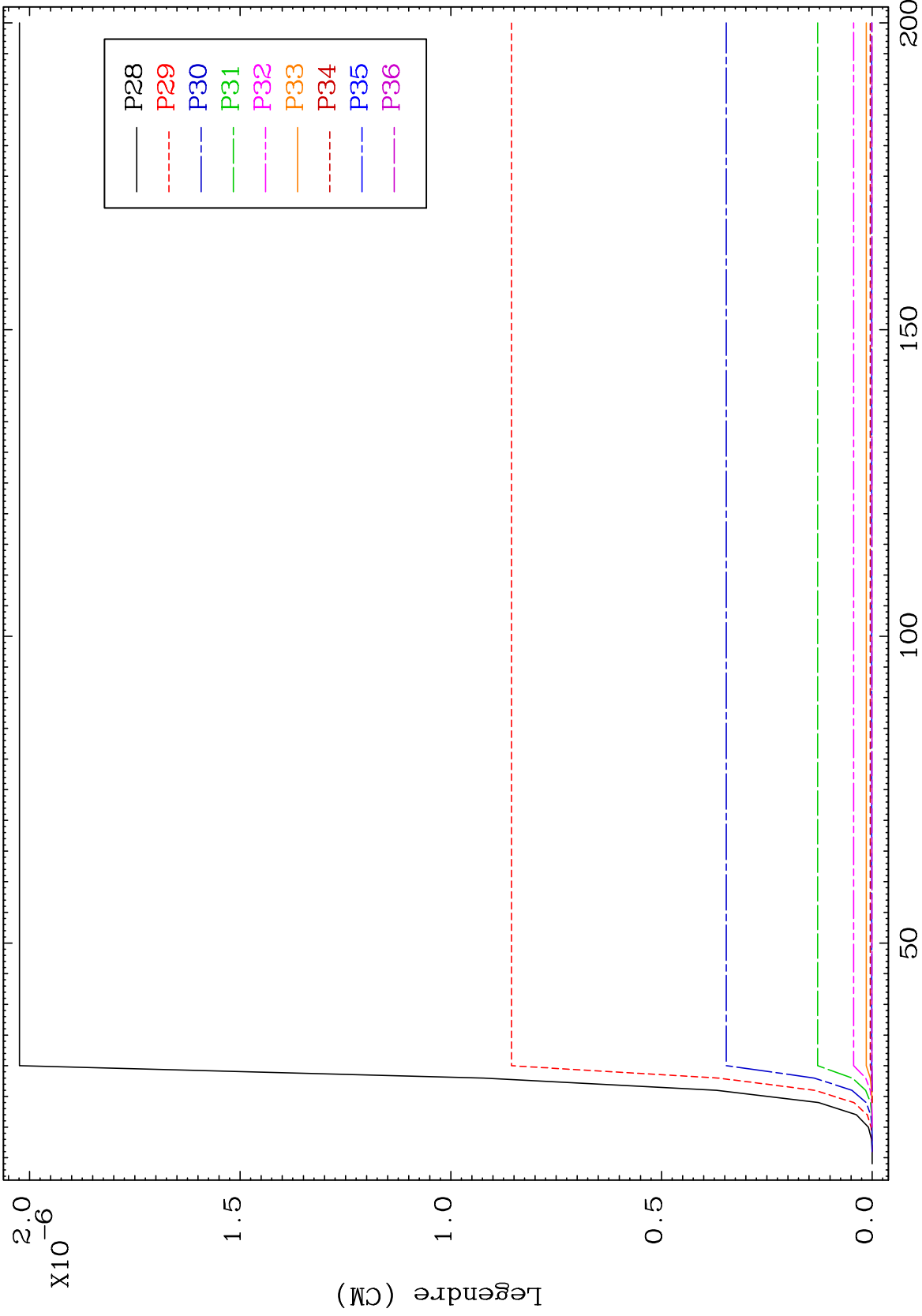
74-W -165



MAT 7380

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

74-W -165



97

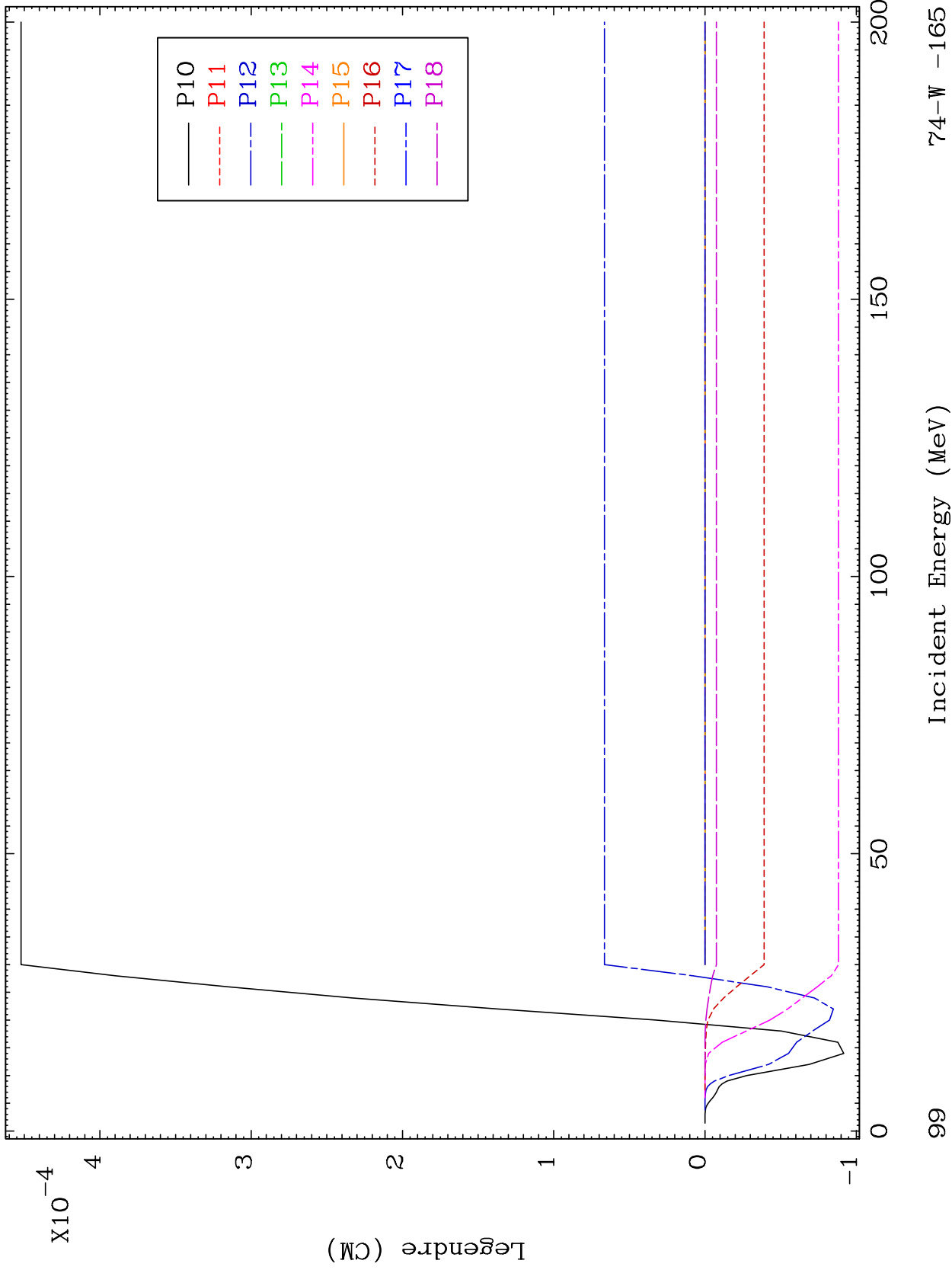
Incident Energy (MeV)

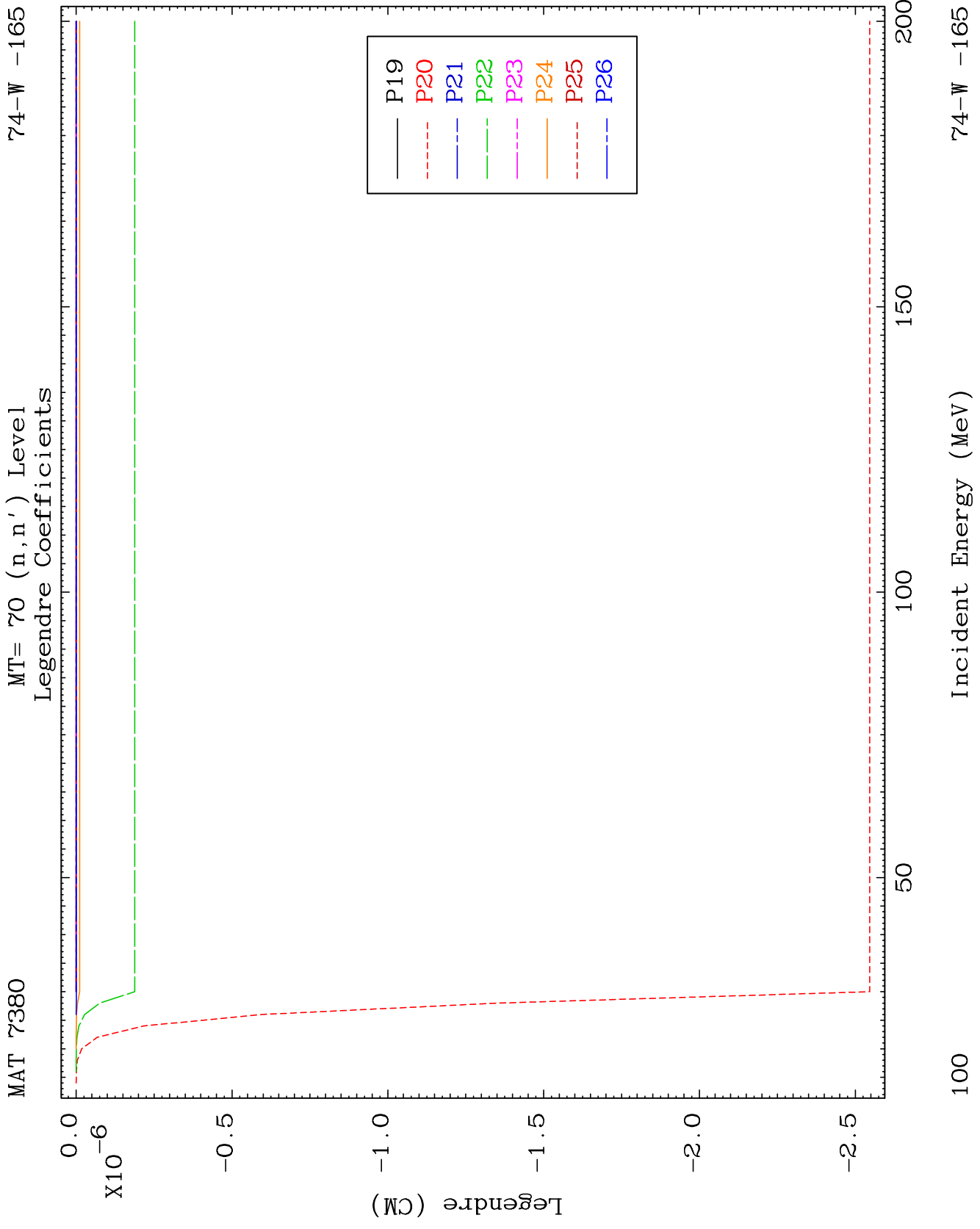
74-W -165

MAT 7380

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

74-W -165

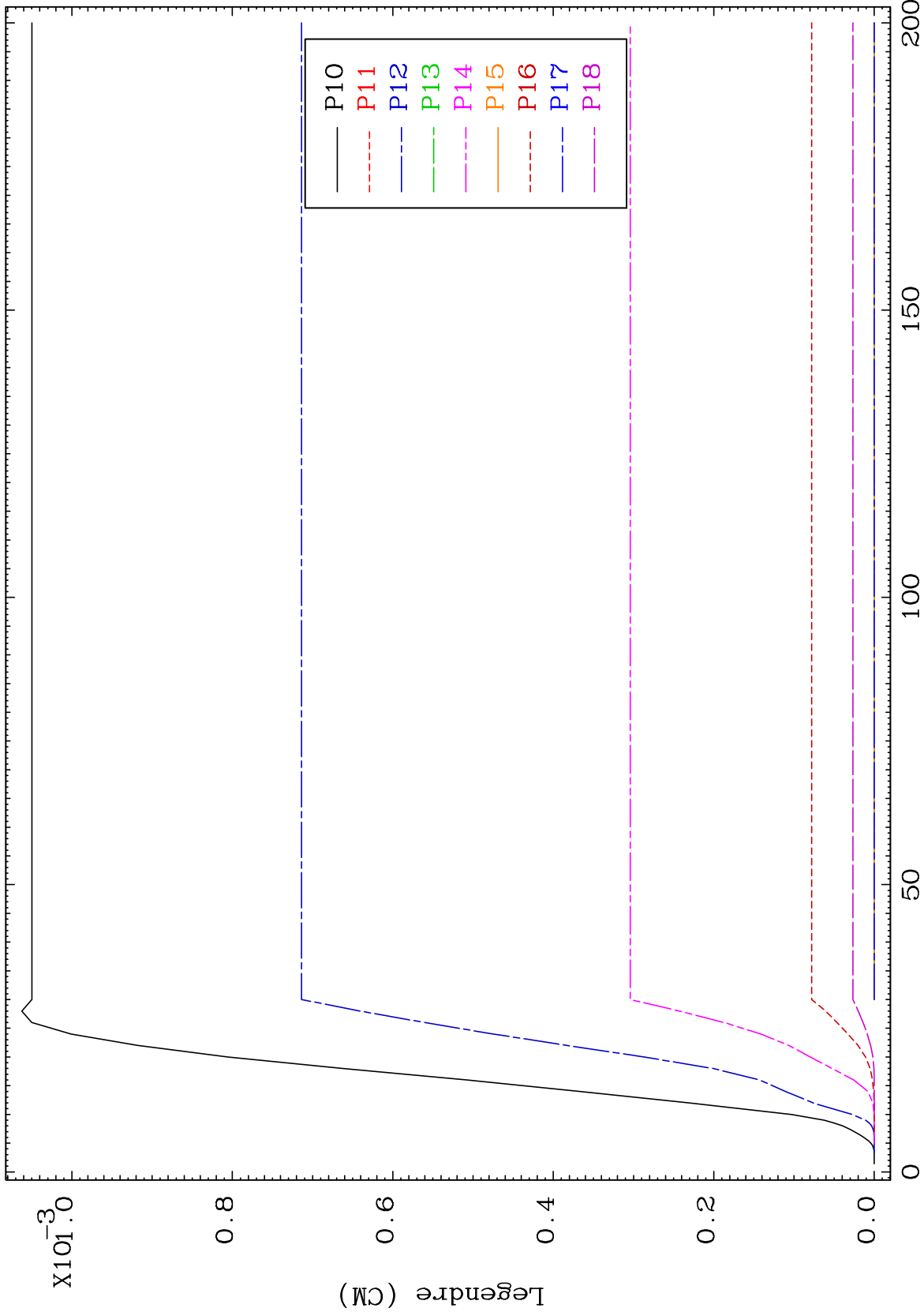




MAT 7380

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

74-W -165



102

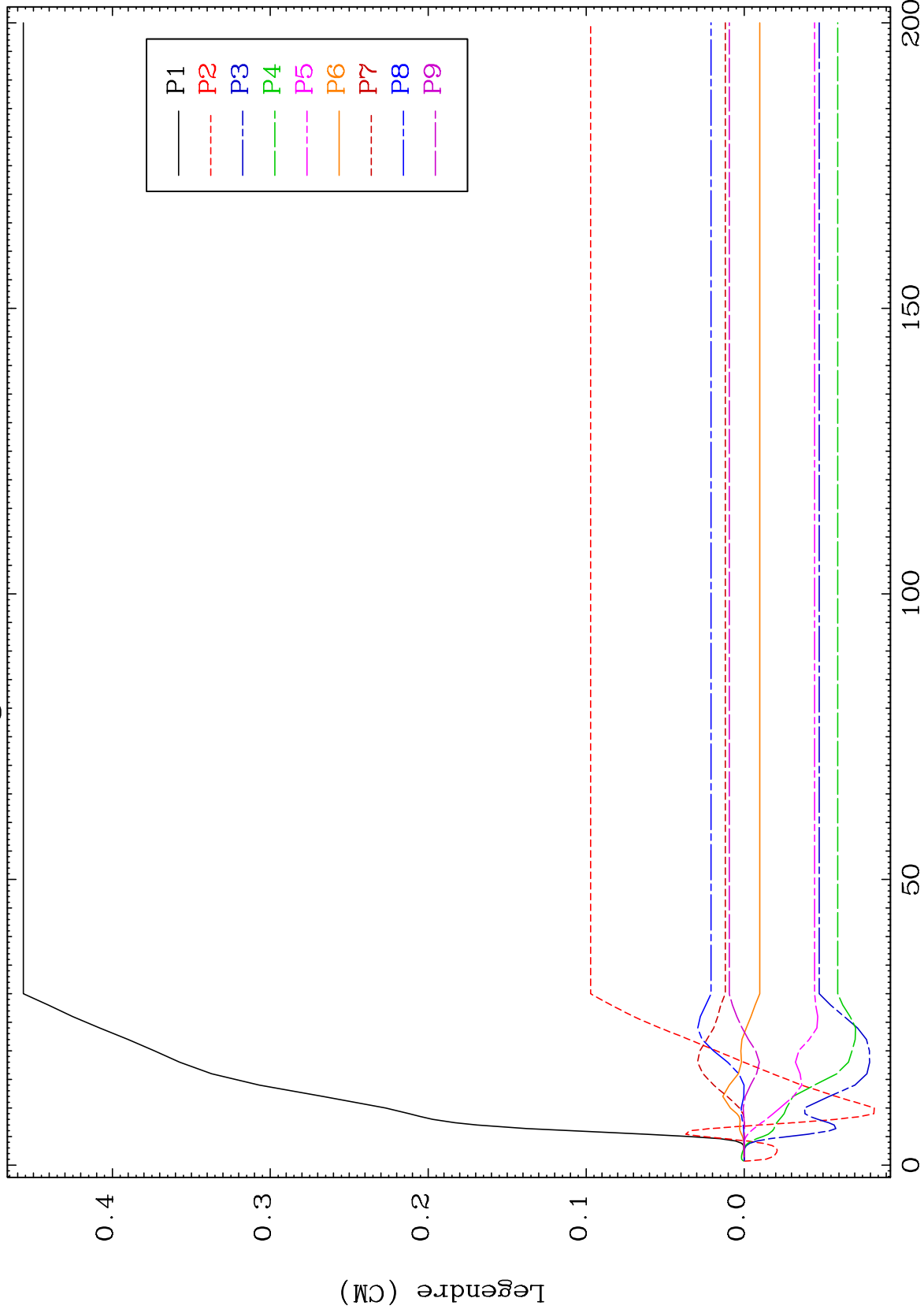
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



104

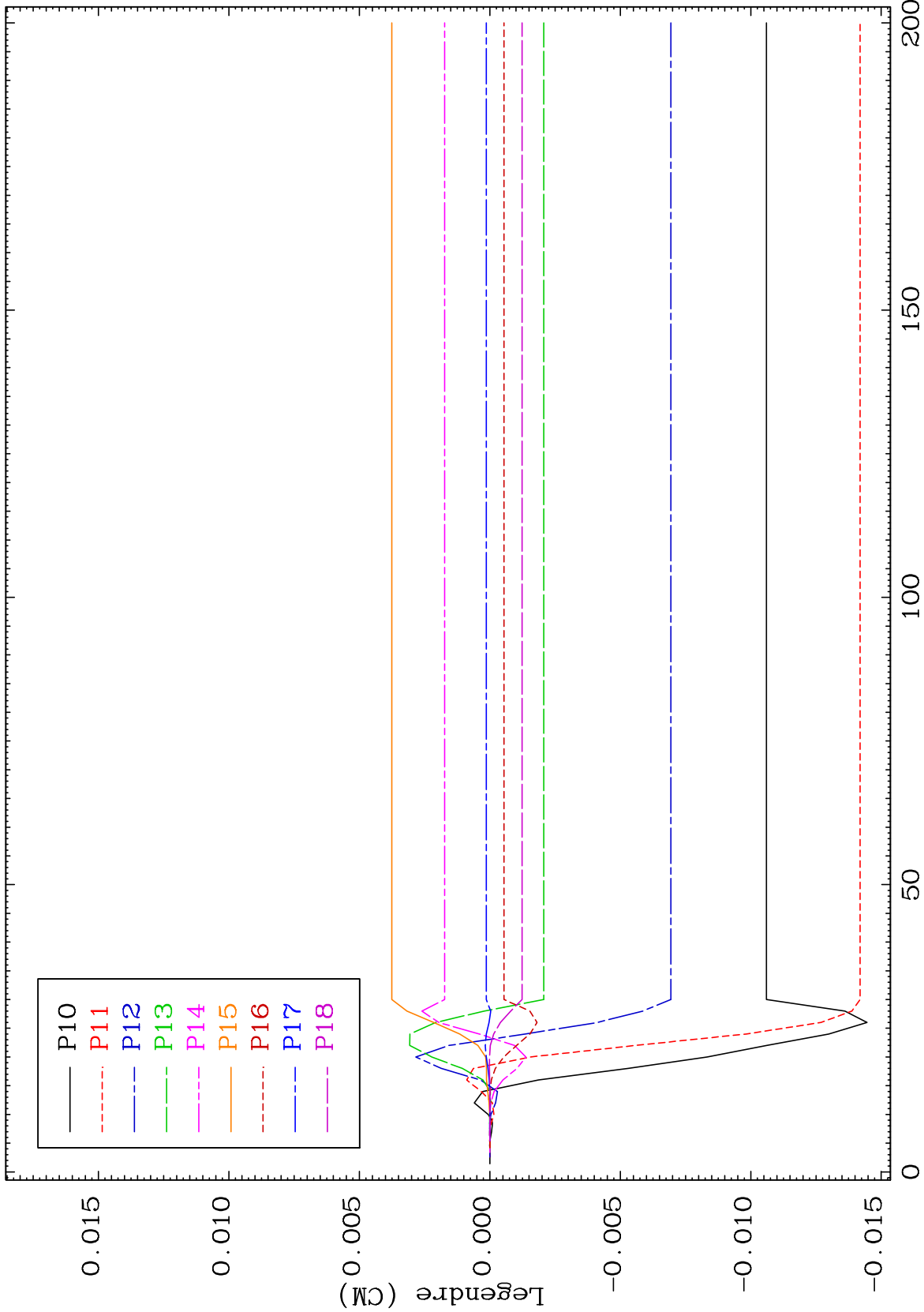
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



105

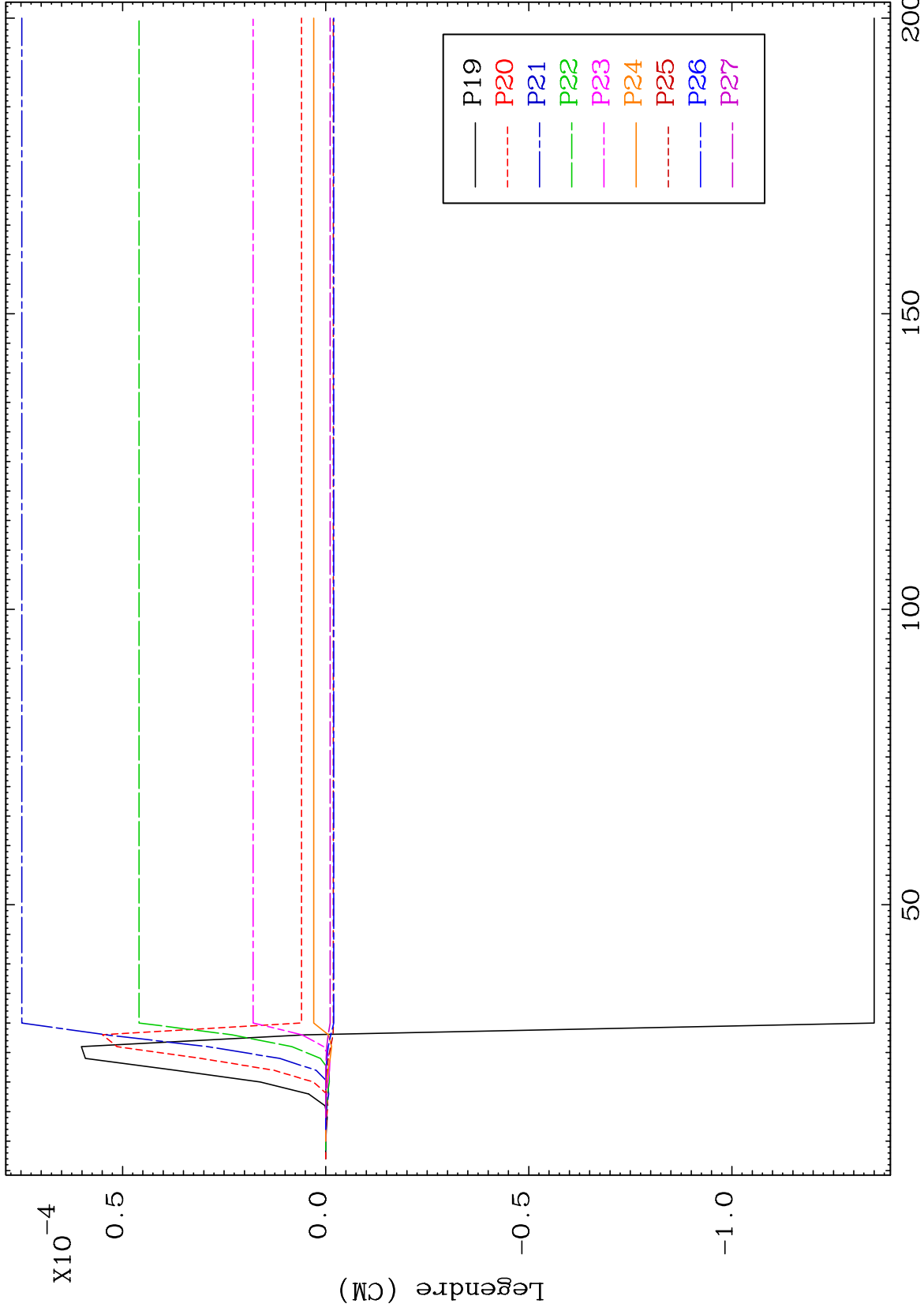
Incident Energy (MeV)

74-W -165

MAT 7380

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

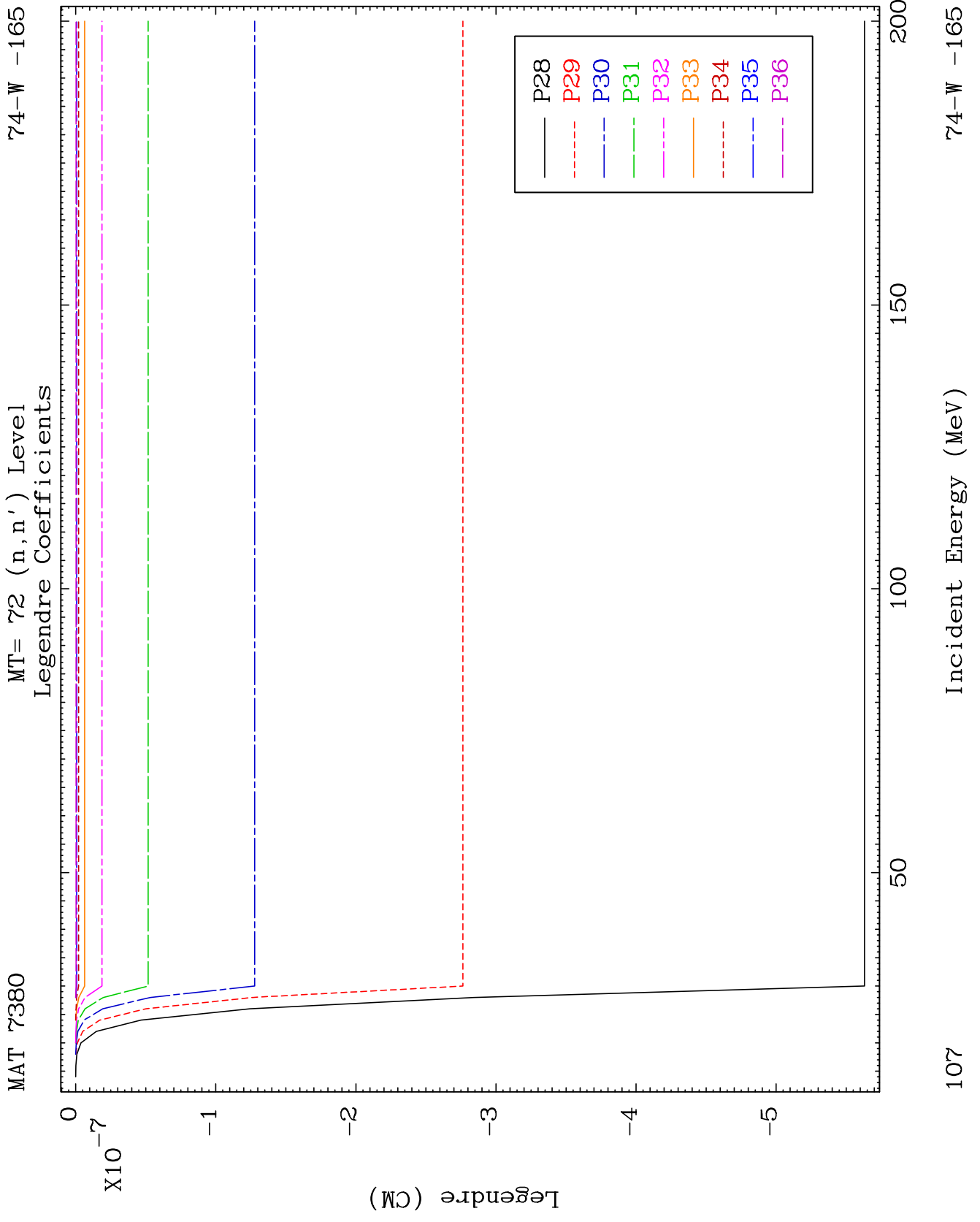
74-W -165



106

Incident Energy (MeV)

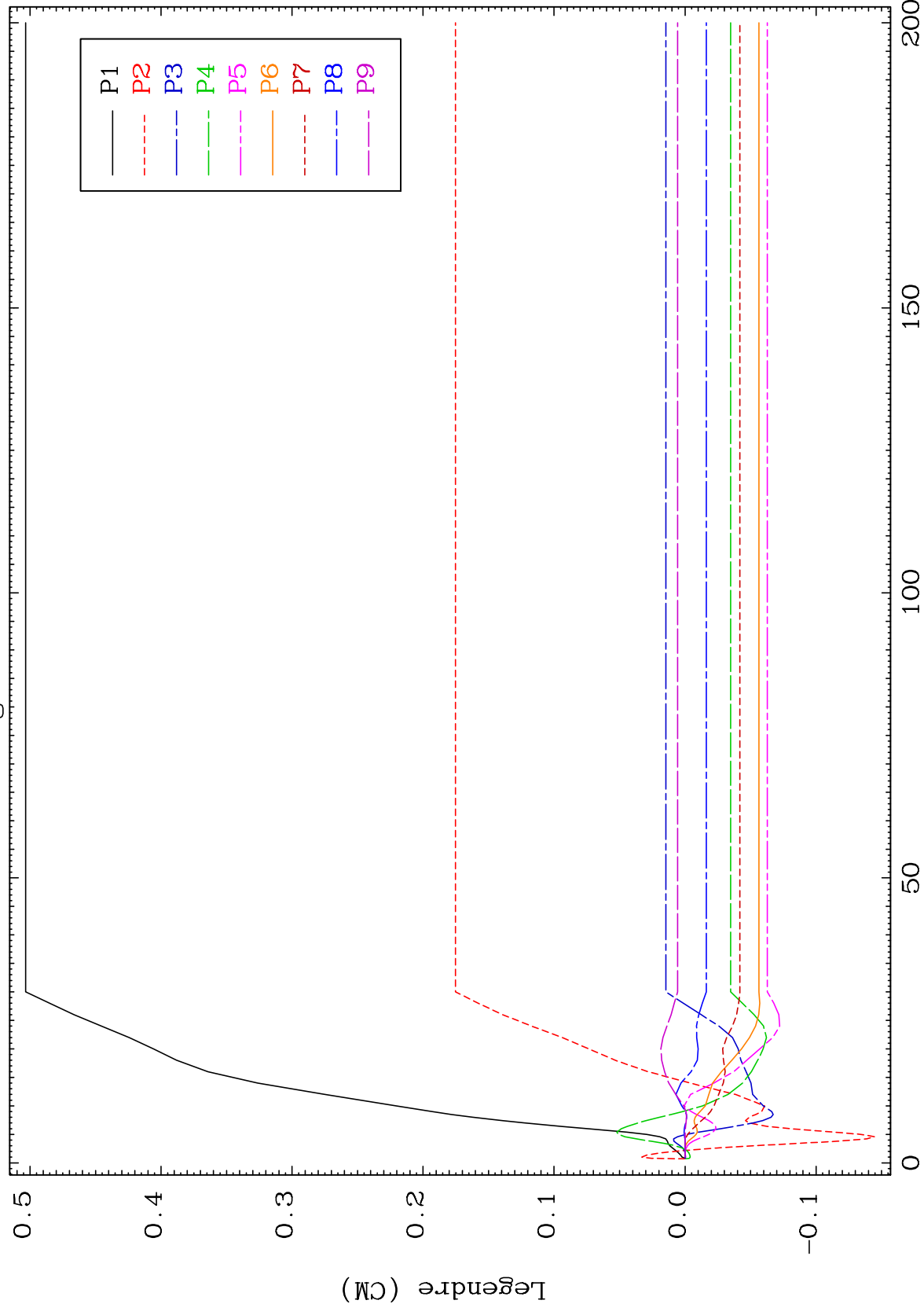
74-W -165



MAT 7380

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

74-W -165



108

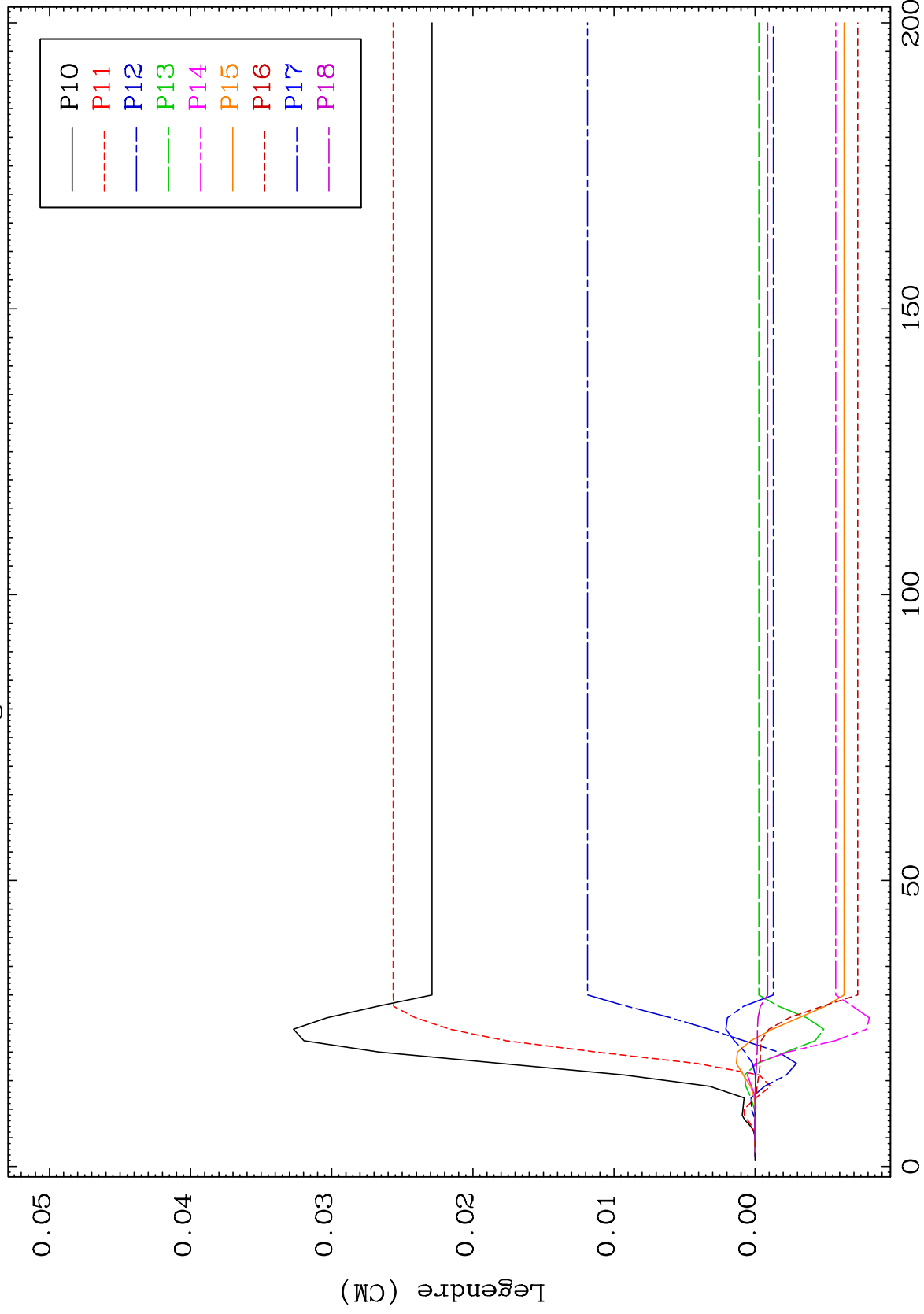
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



109

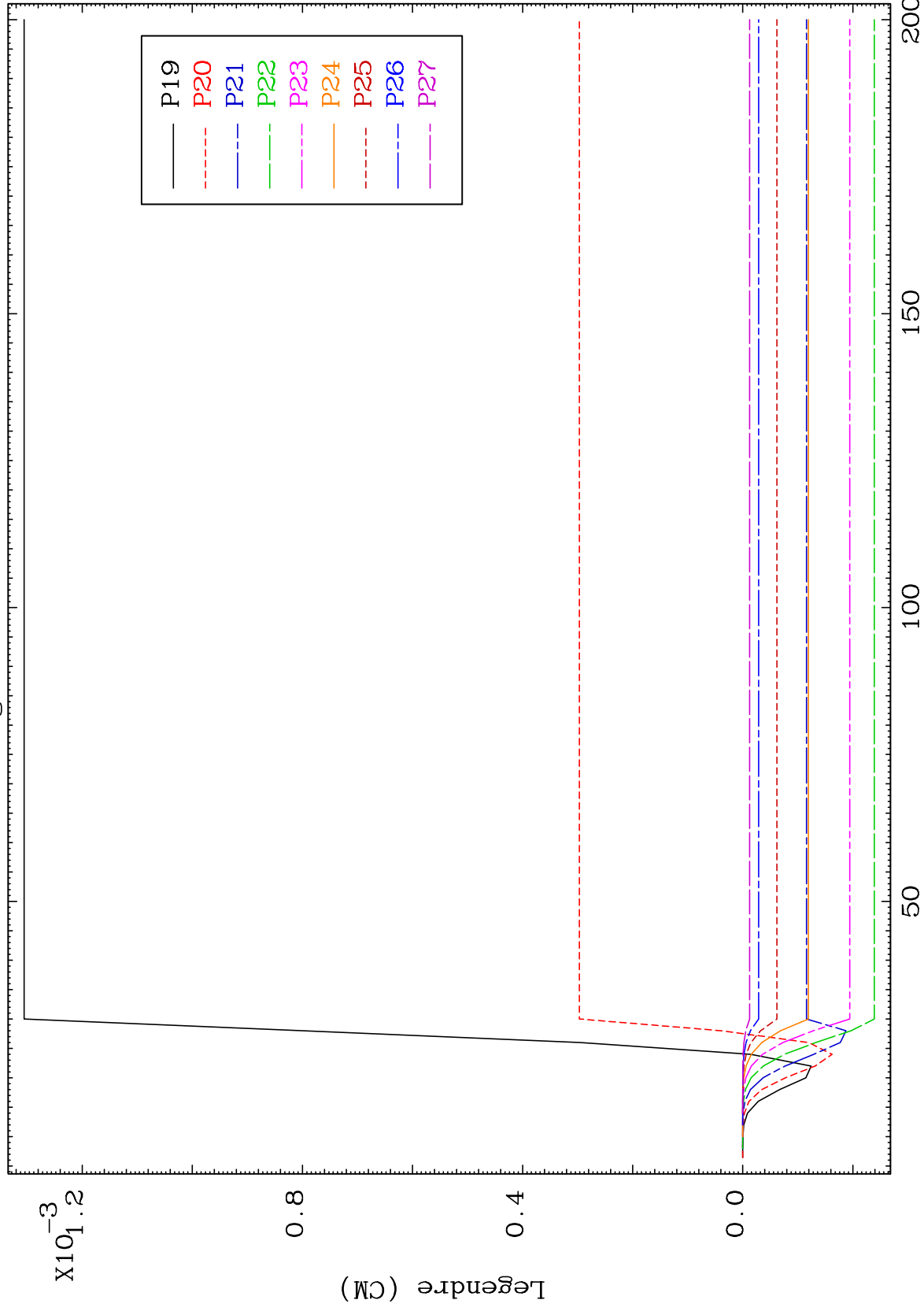
Incident Energy (MeV)

74-W -165

MAT 7380

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

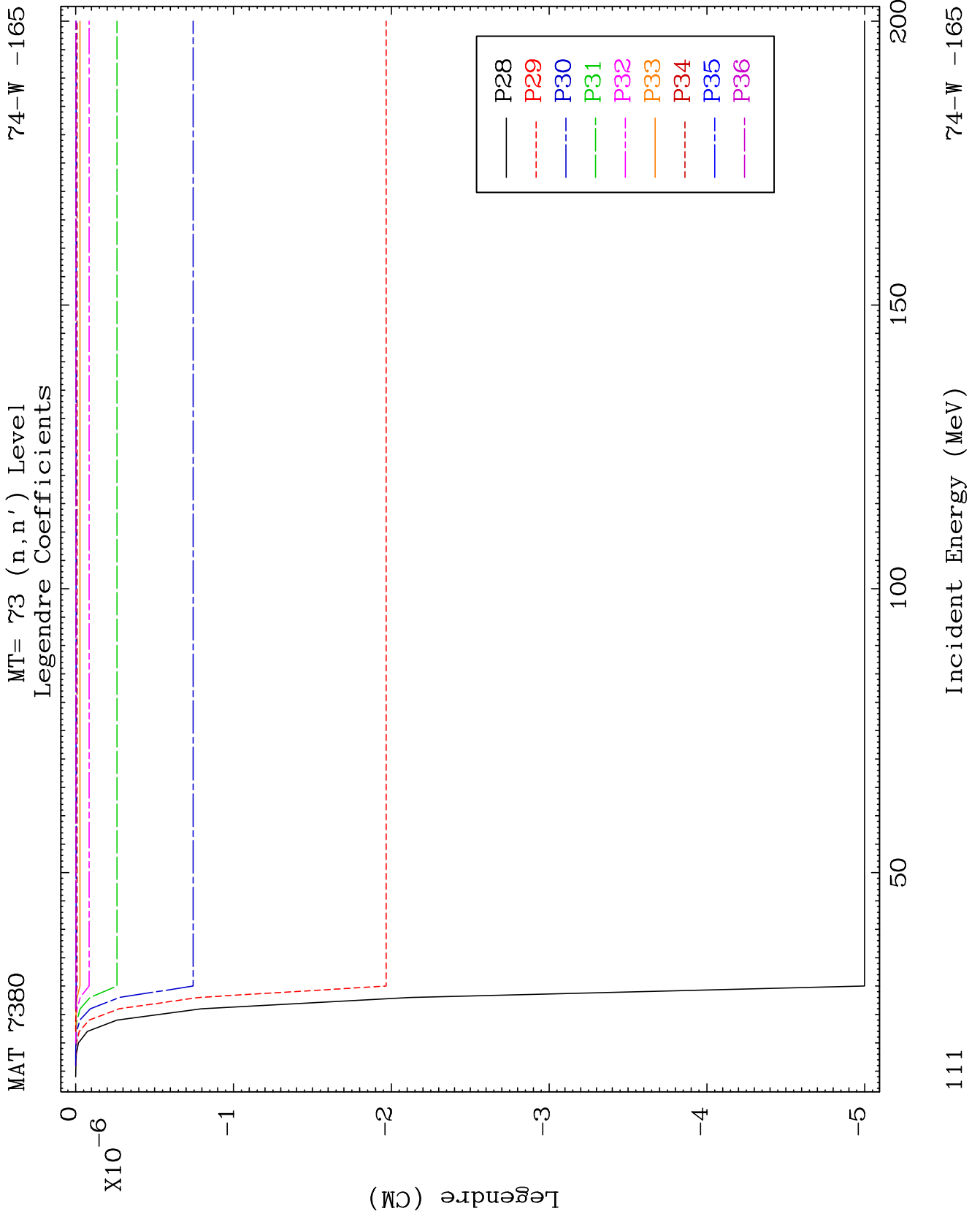
74-W -165



110

Incident Energy (MeV)

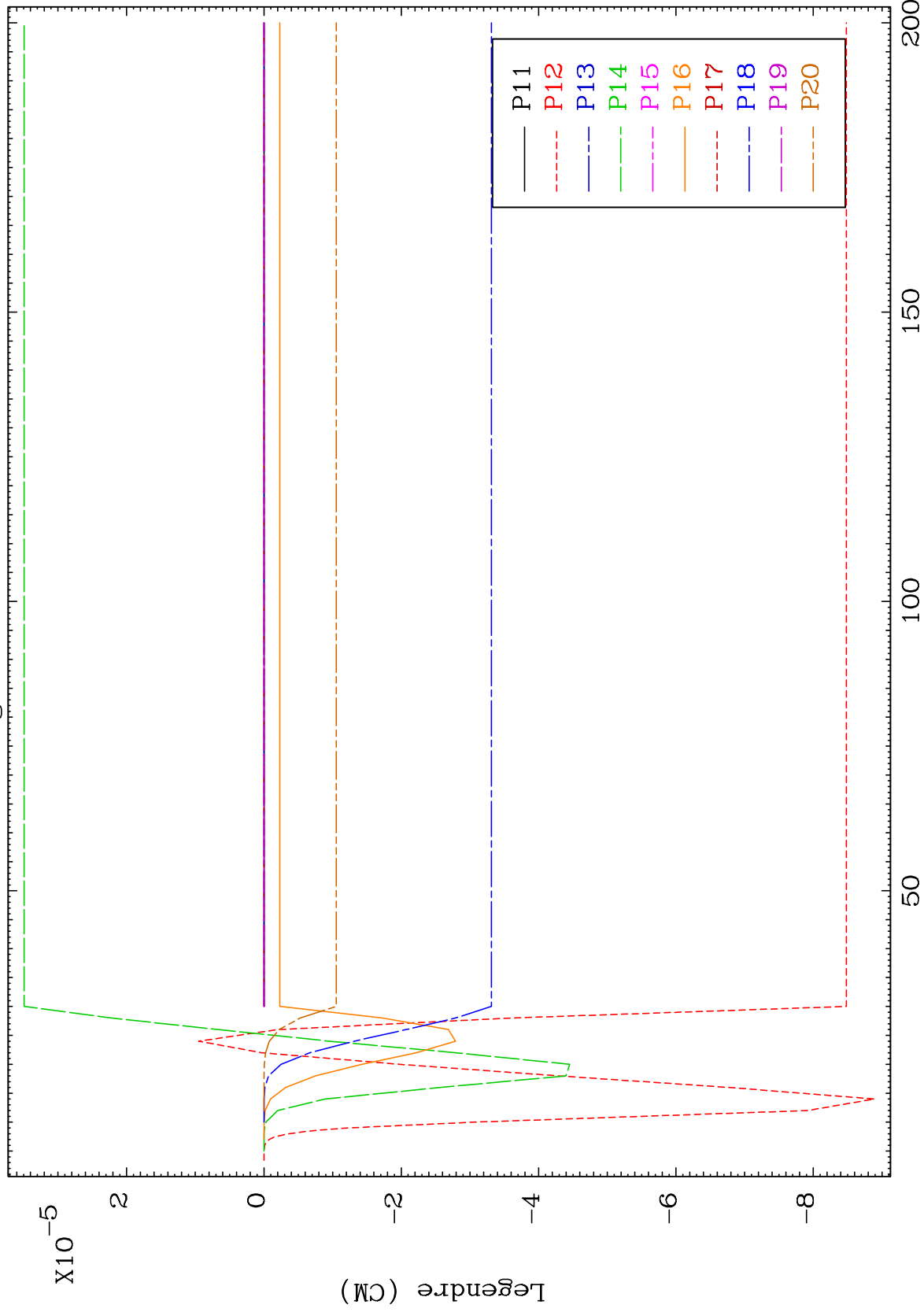
74-W -165



MAT 7380

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

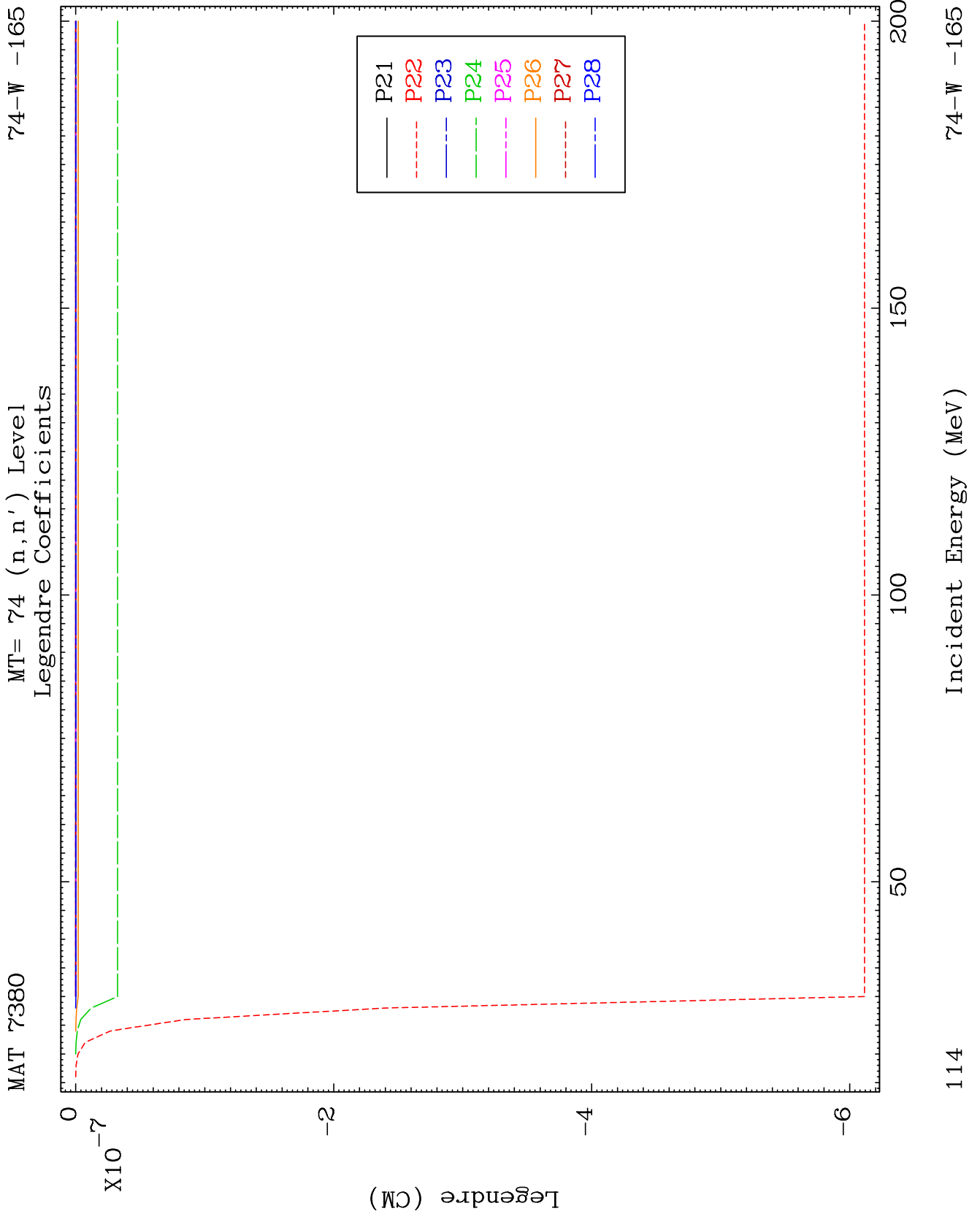
74-W -165



113

Incident Energy (MeV)

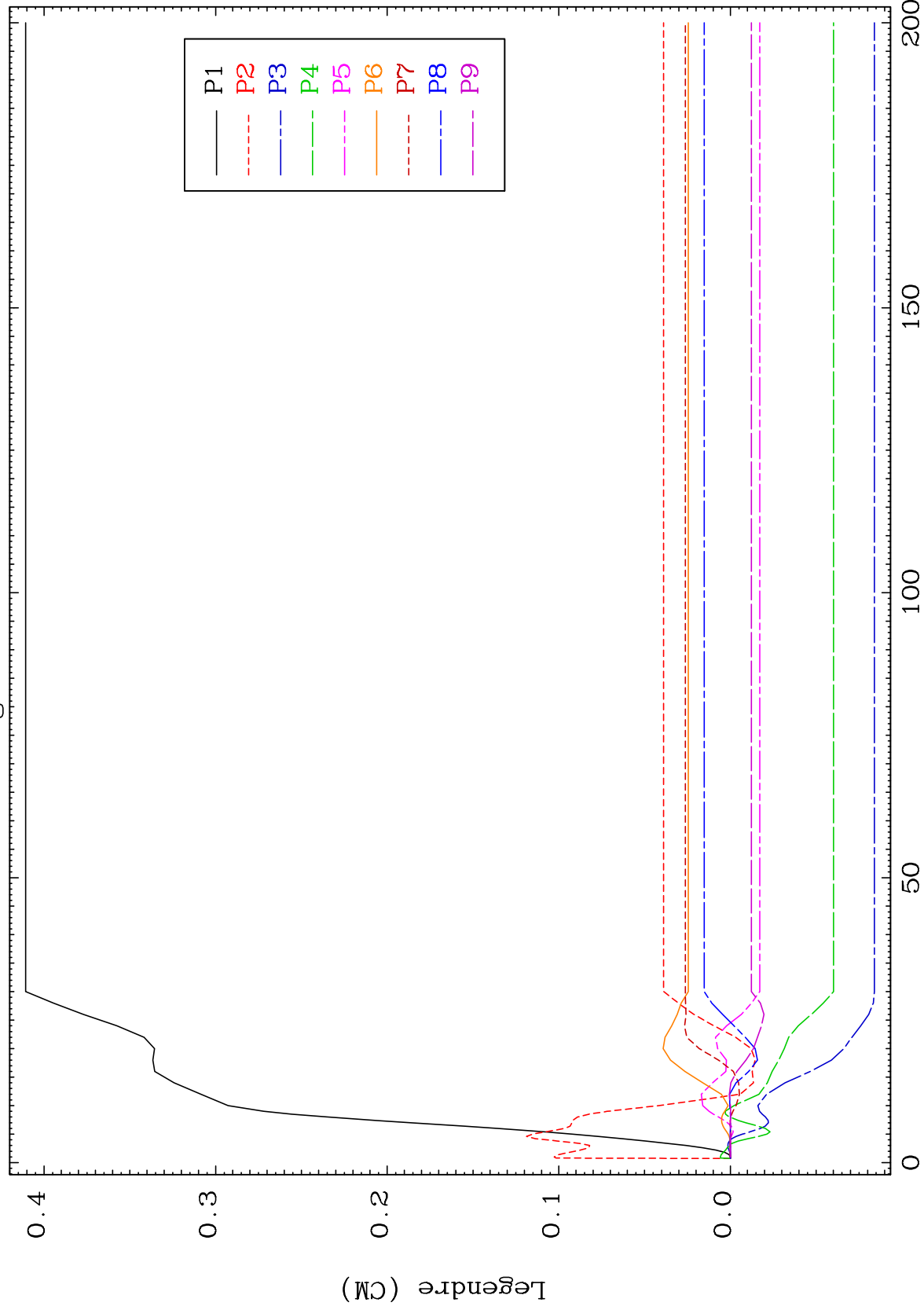
74-W -165



MAT 7380

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

74-W -165



115

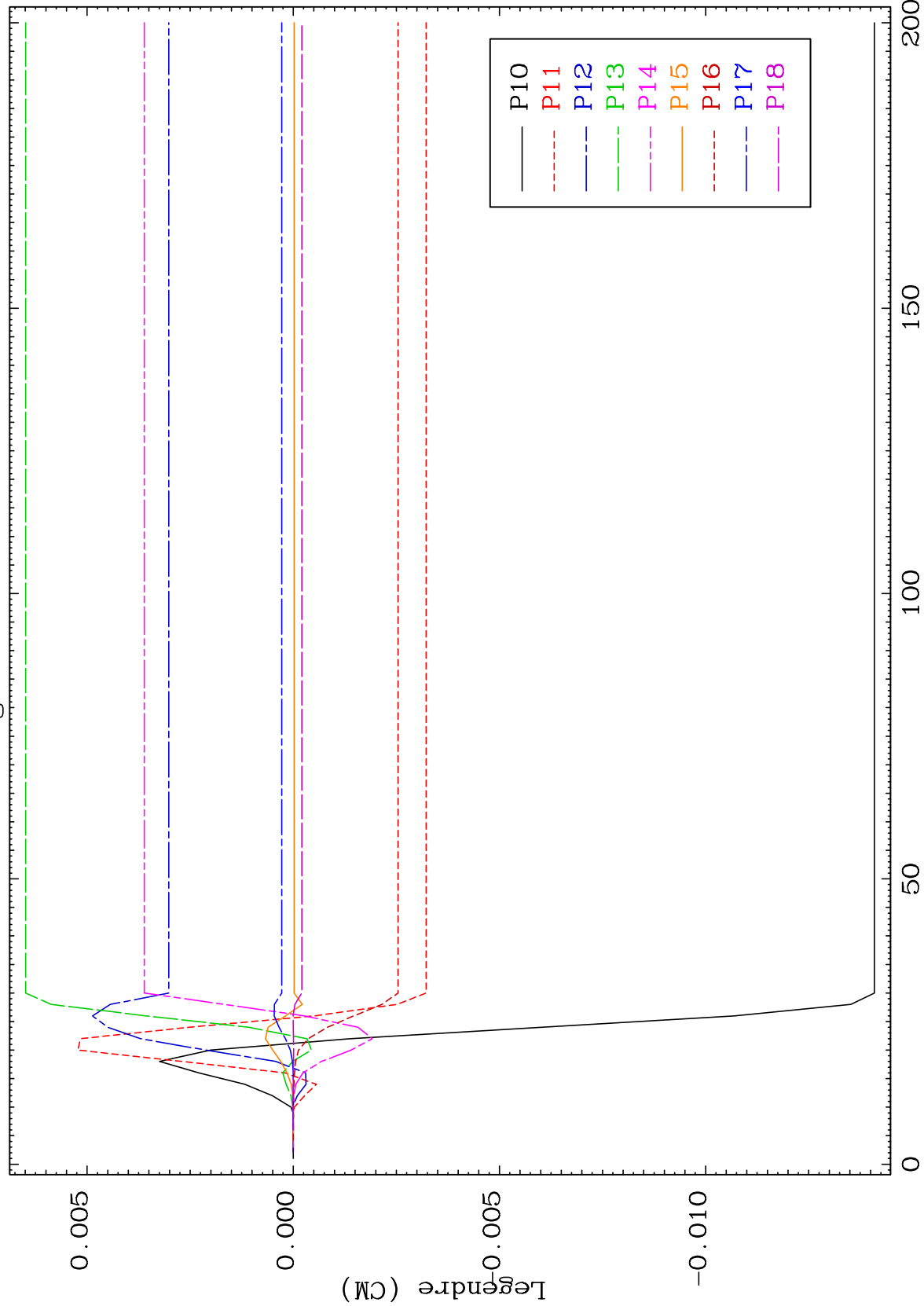
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



74-W -165

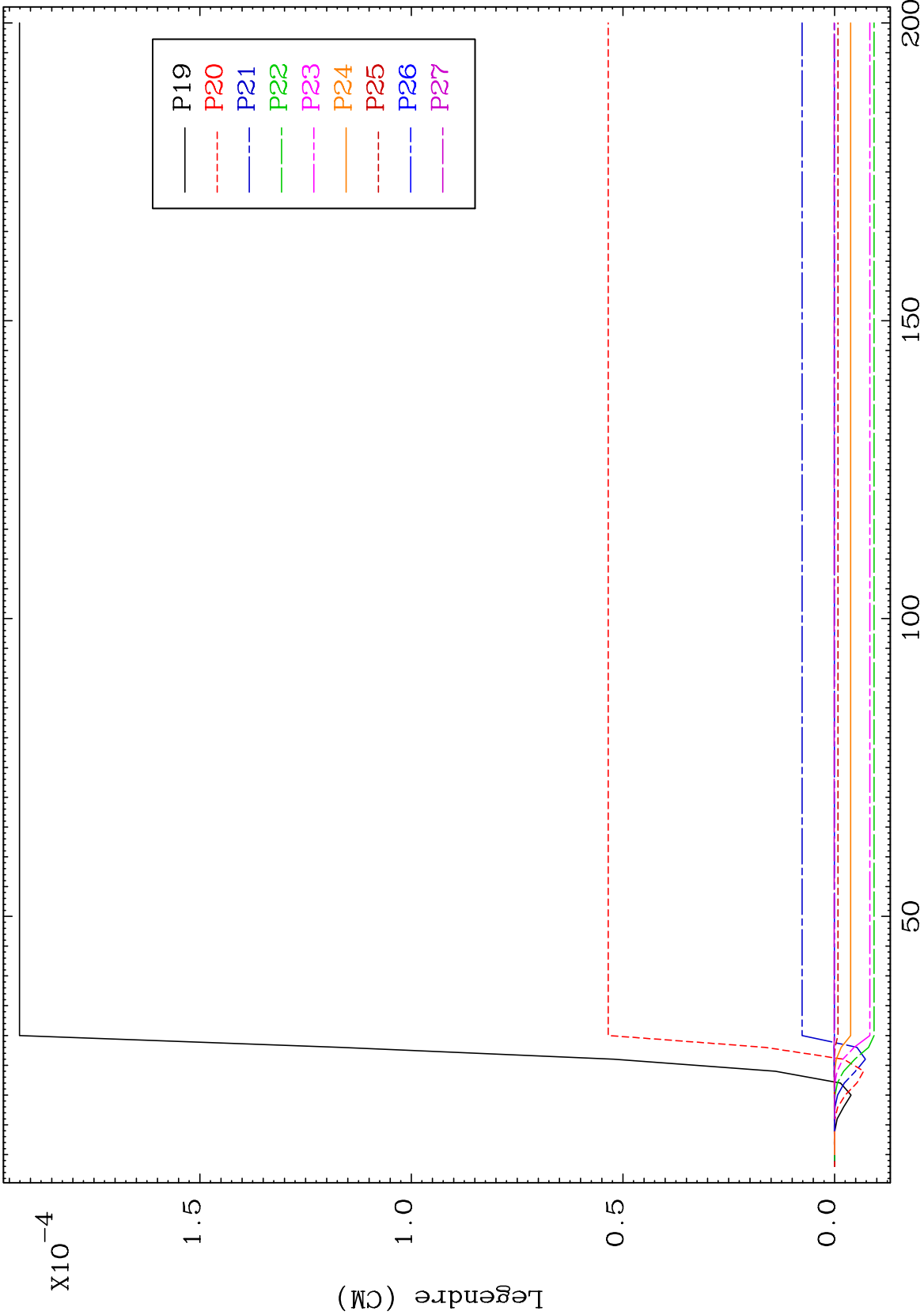
Incident Energy (MeV)

116

MAT 7380

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

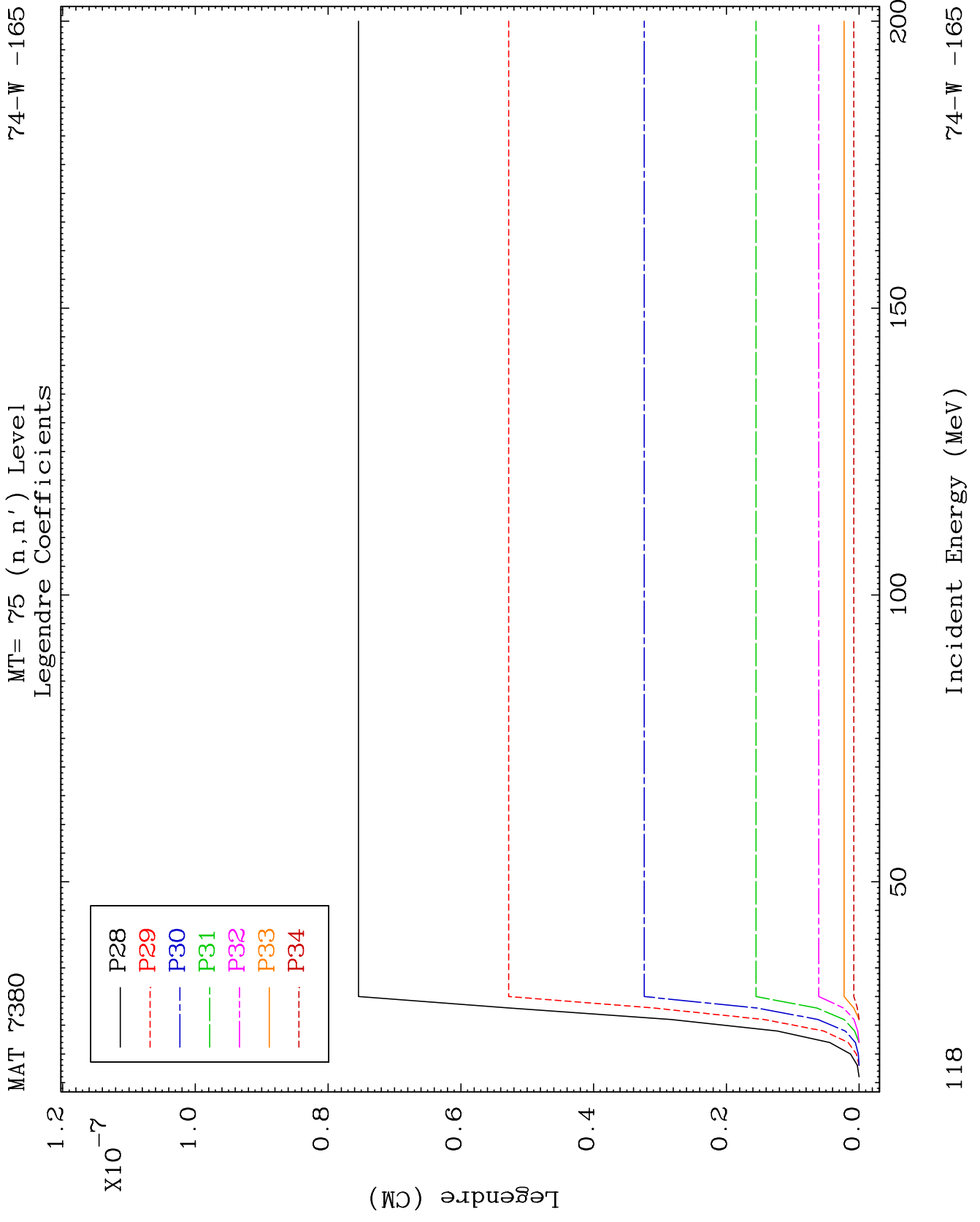
74-W -165

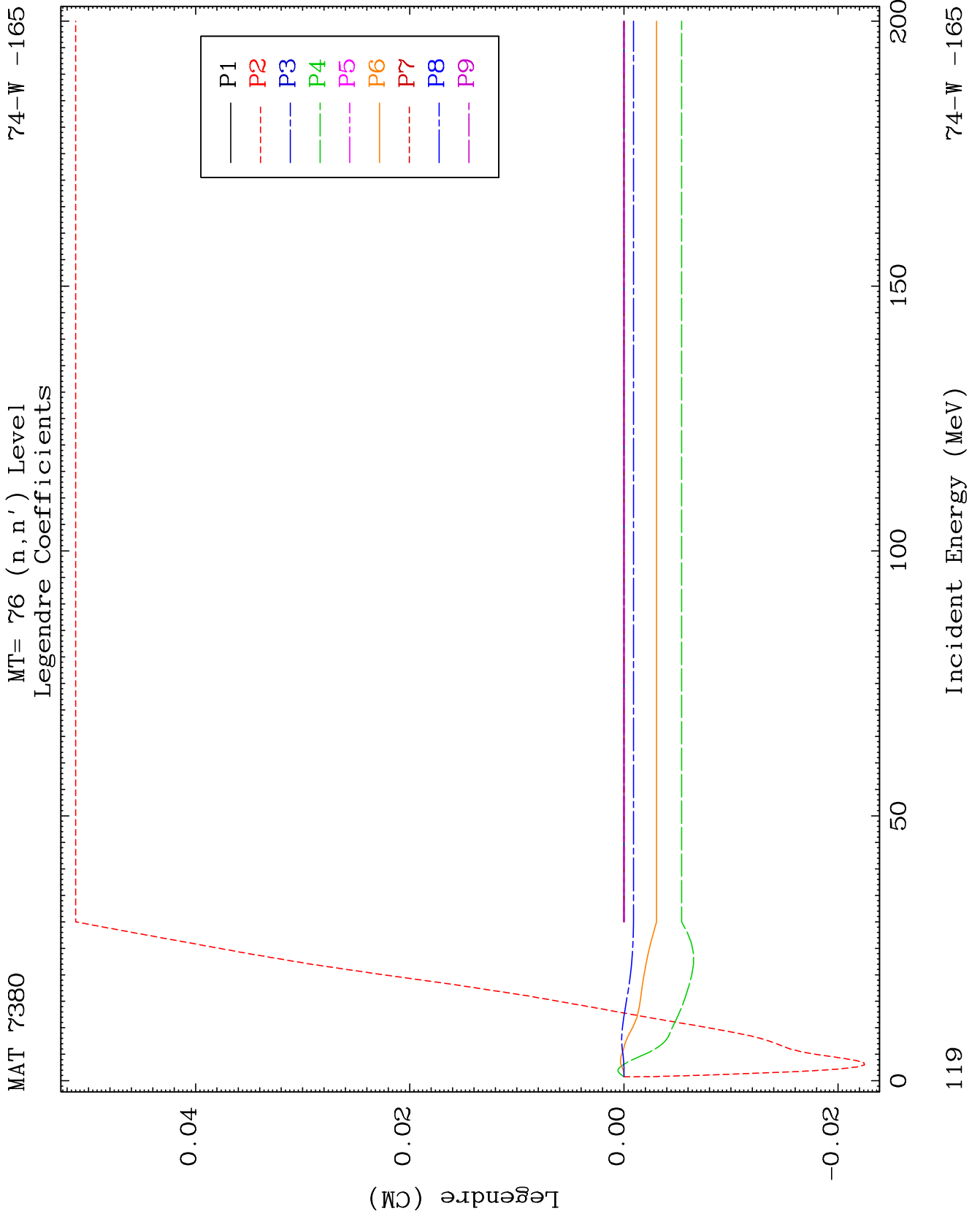


117

Incident Energy (MeV)

74-W -165

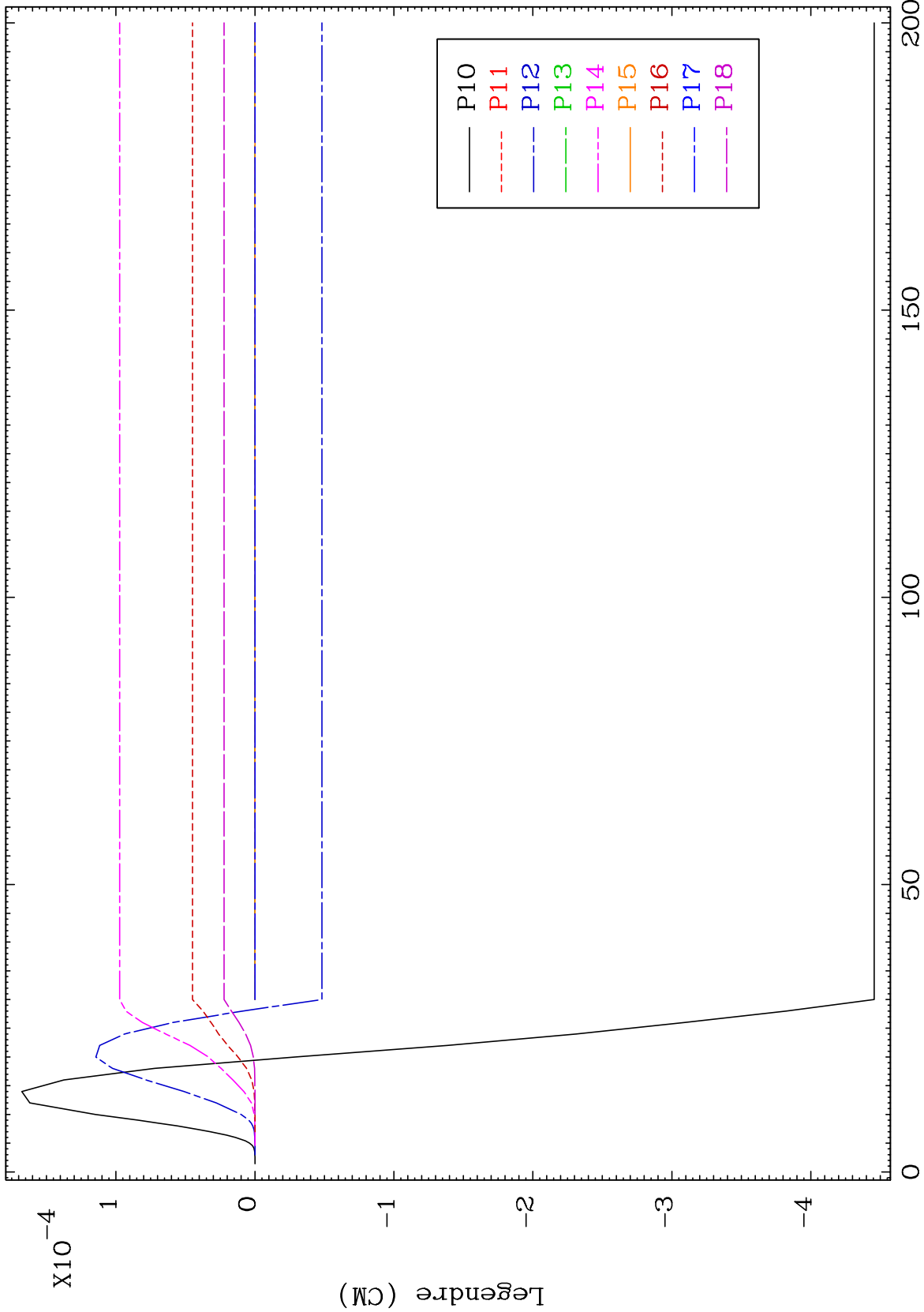




MAT 7380

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

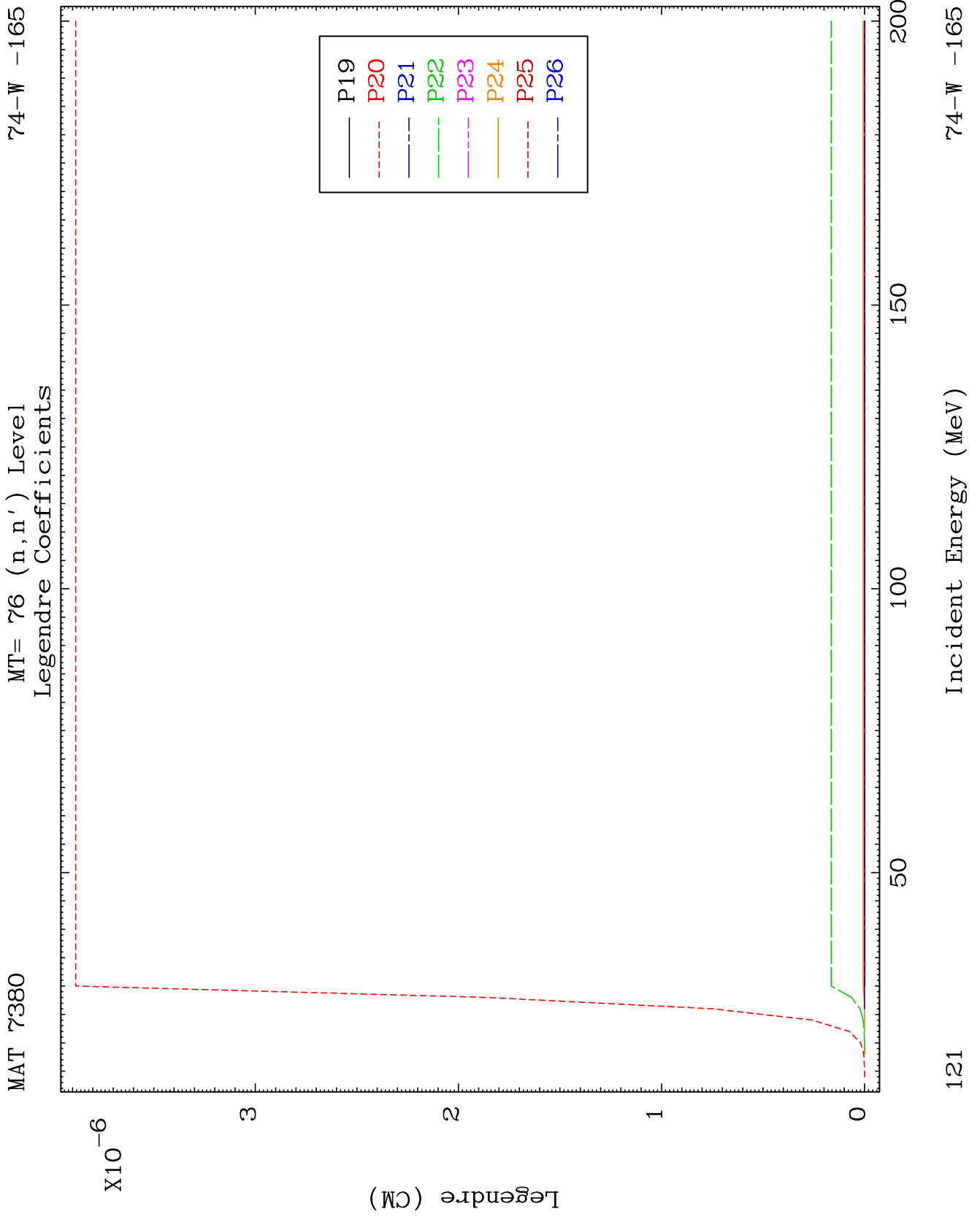
74-W -165



120

Incident Energy (MeV)

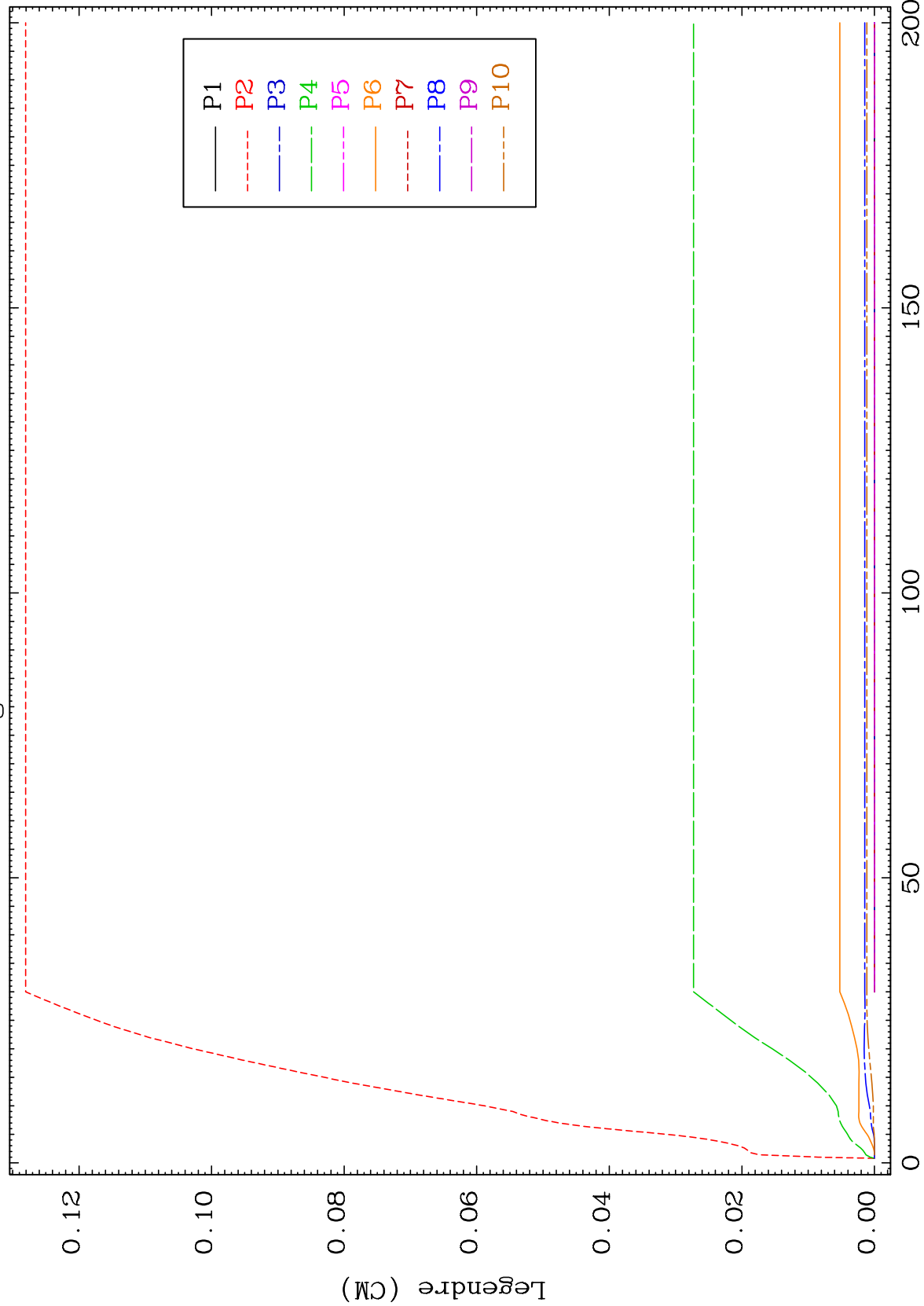
74-W -165



MAT 7380

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

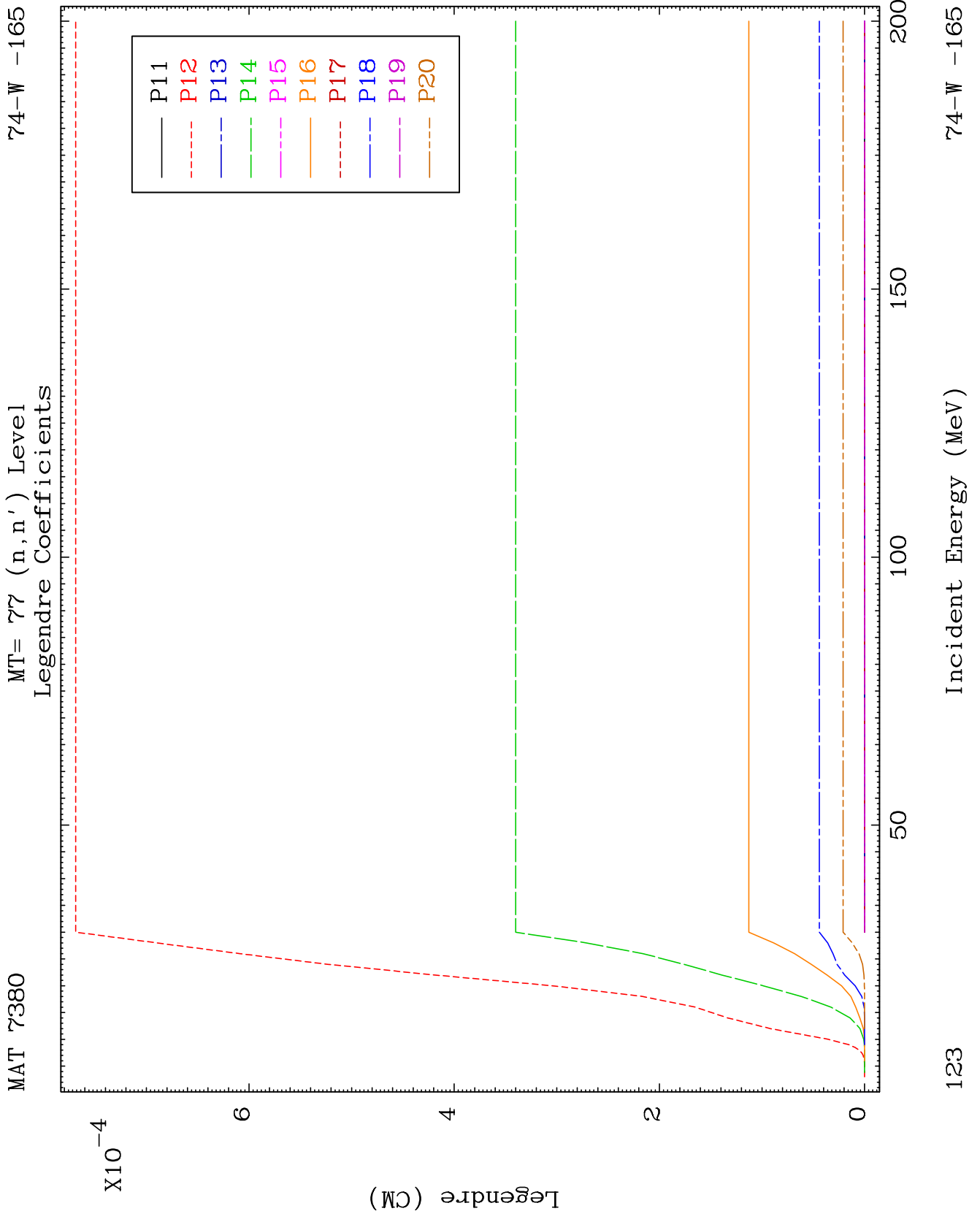
74-W -165

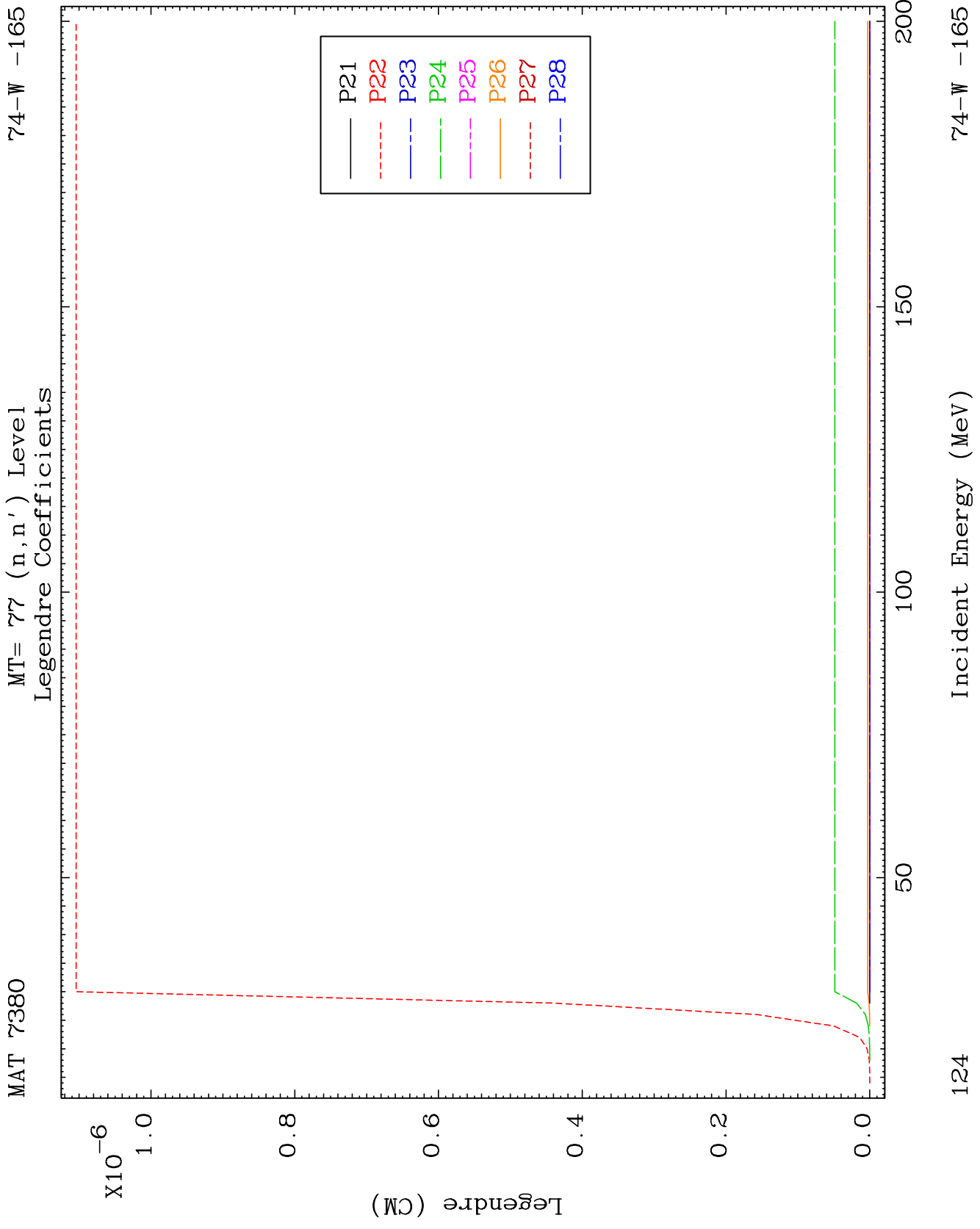


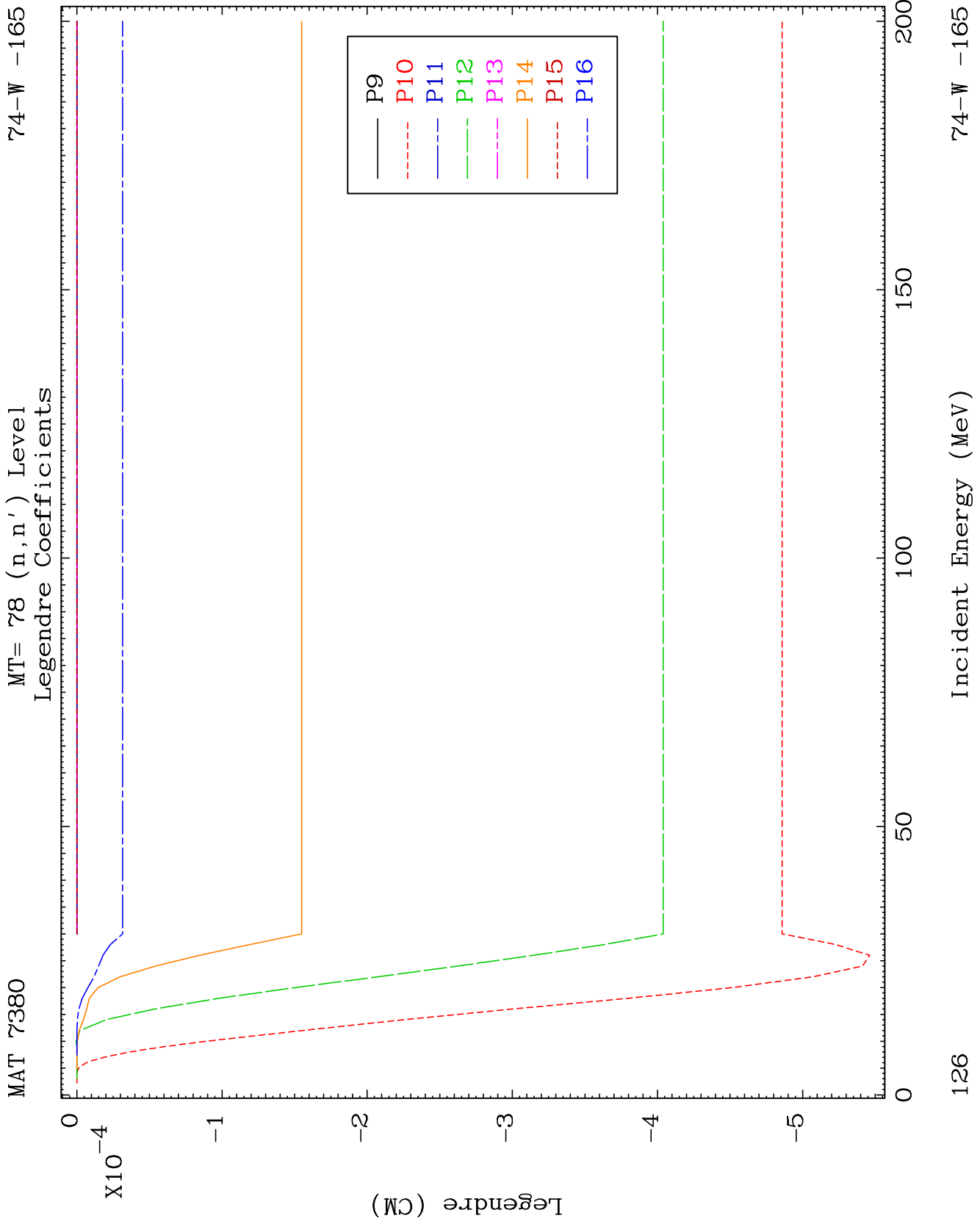
122

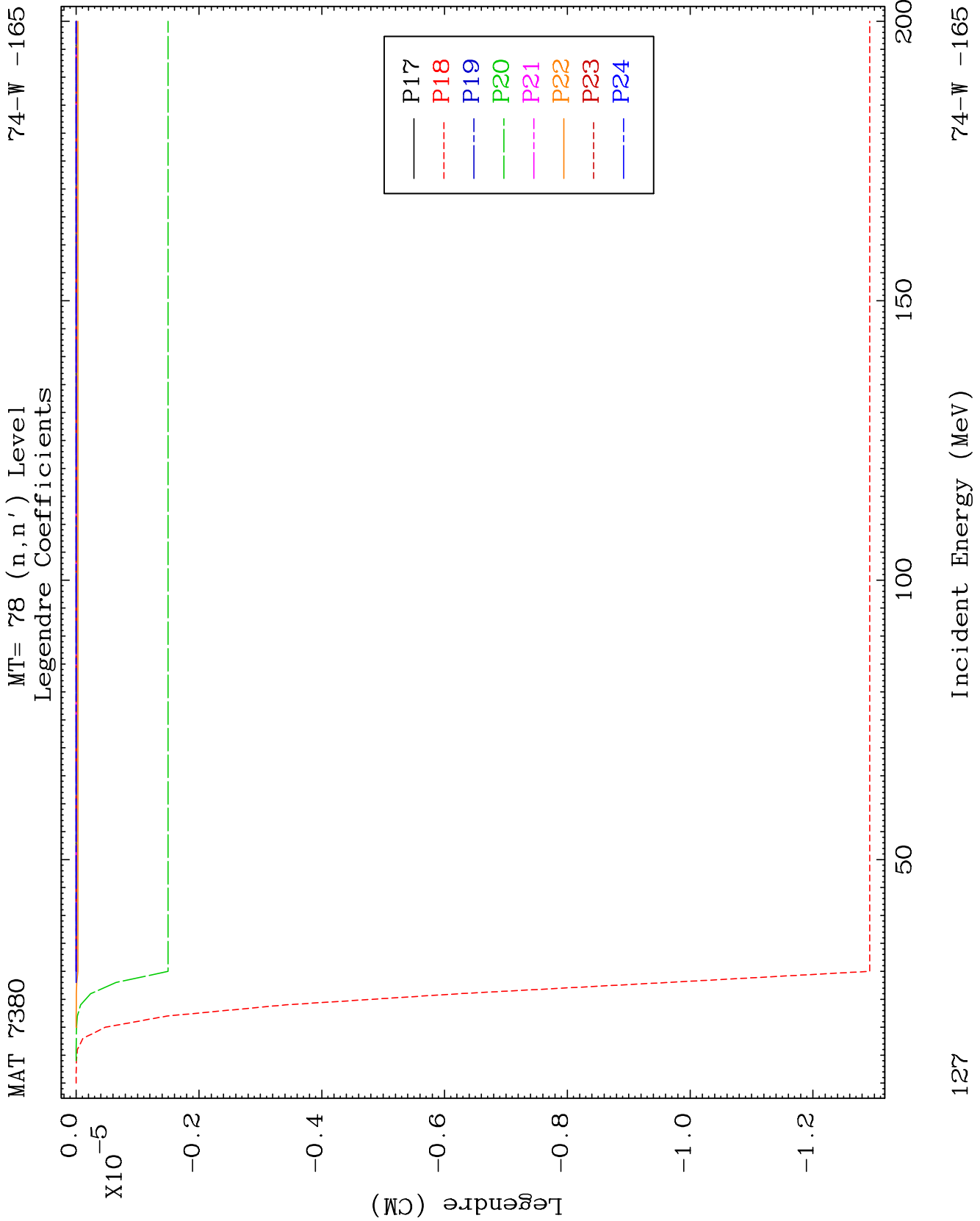
Incident Energy (MeV)

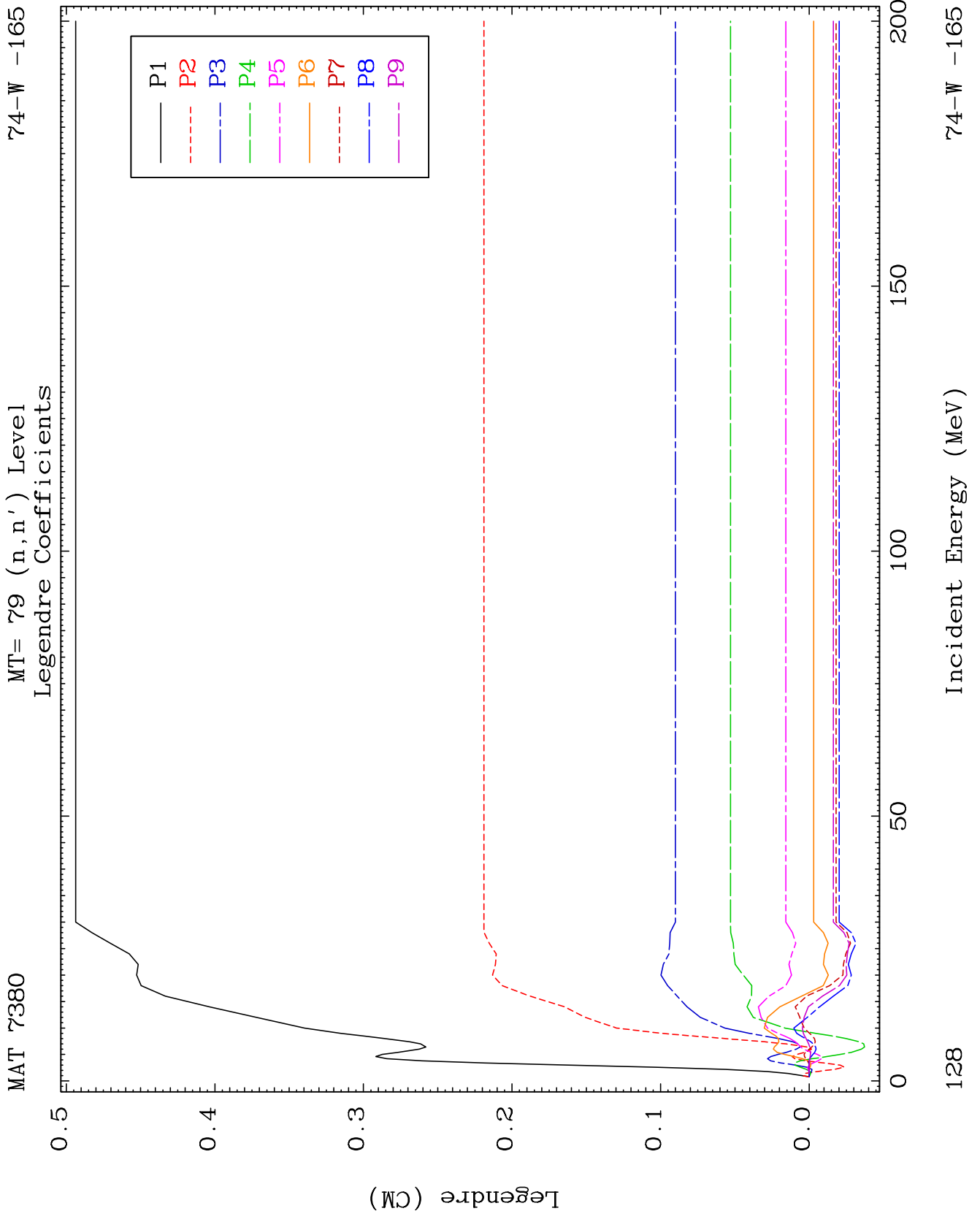
74-W -165







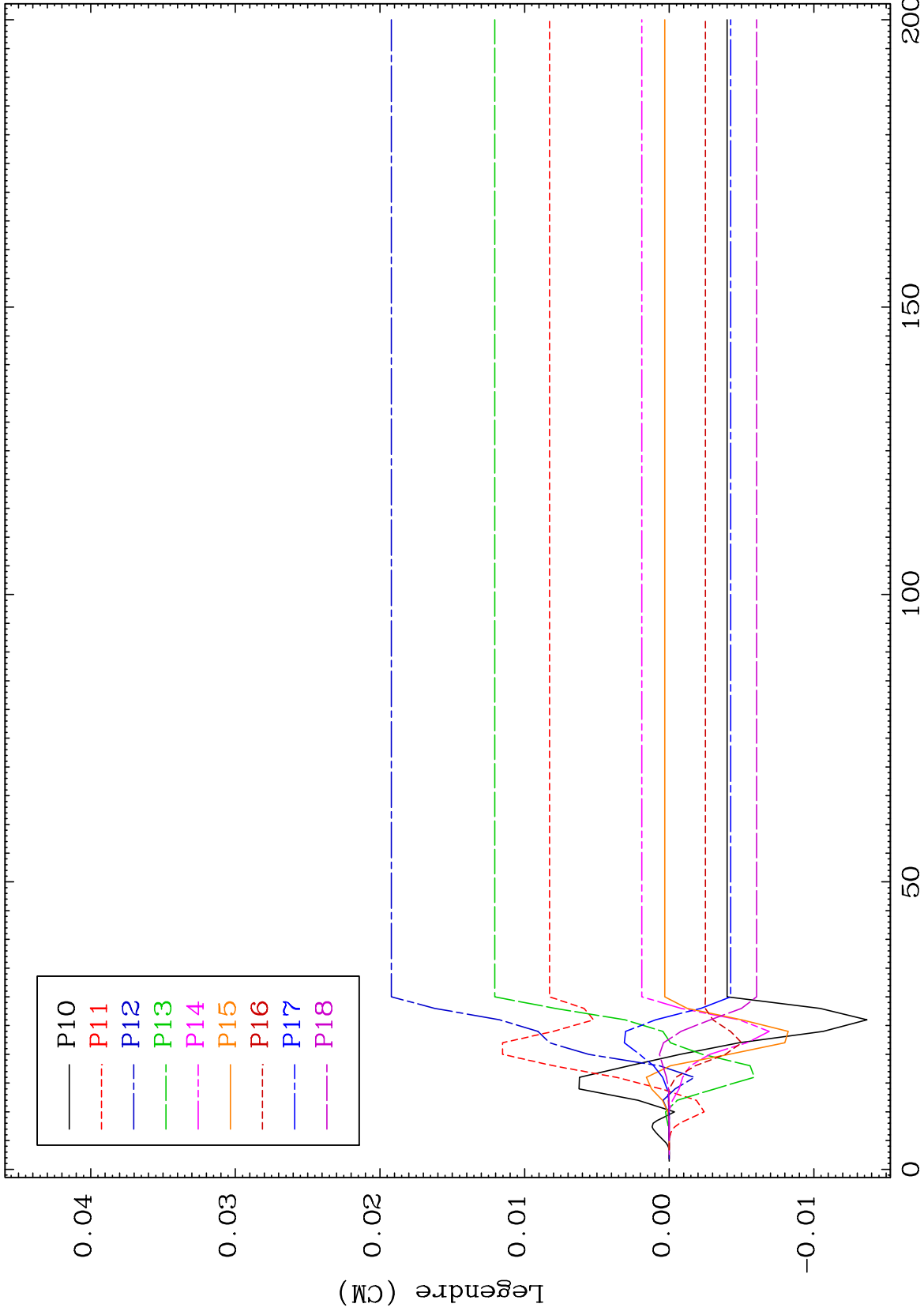




MAT 7380

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

74-W -165



129

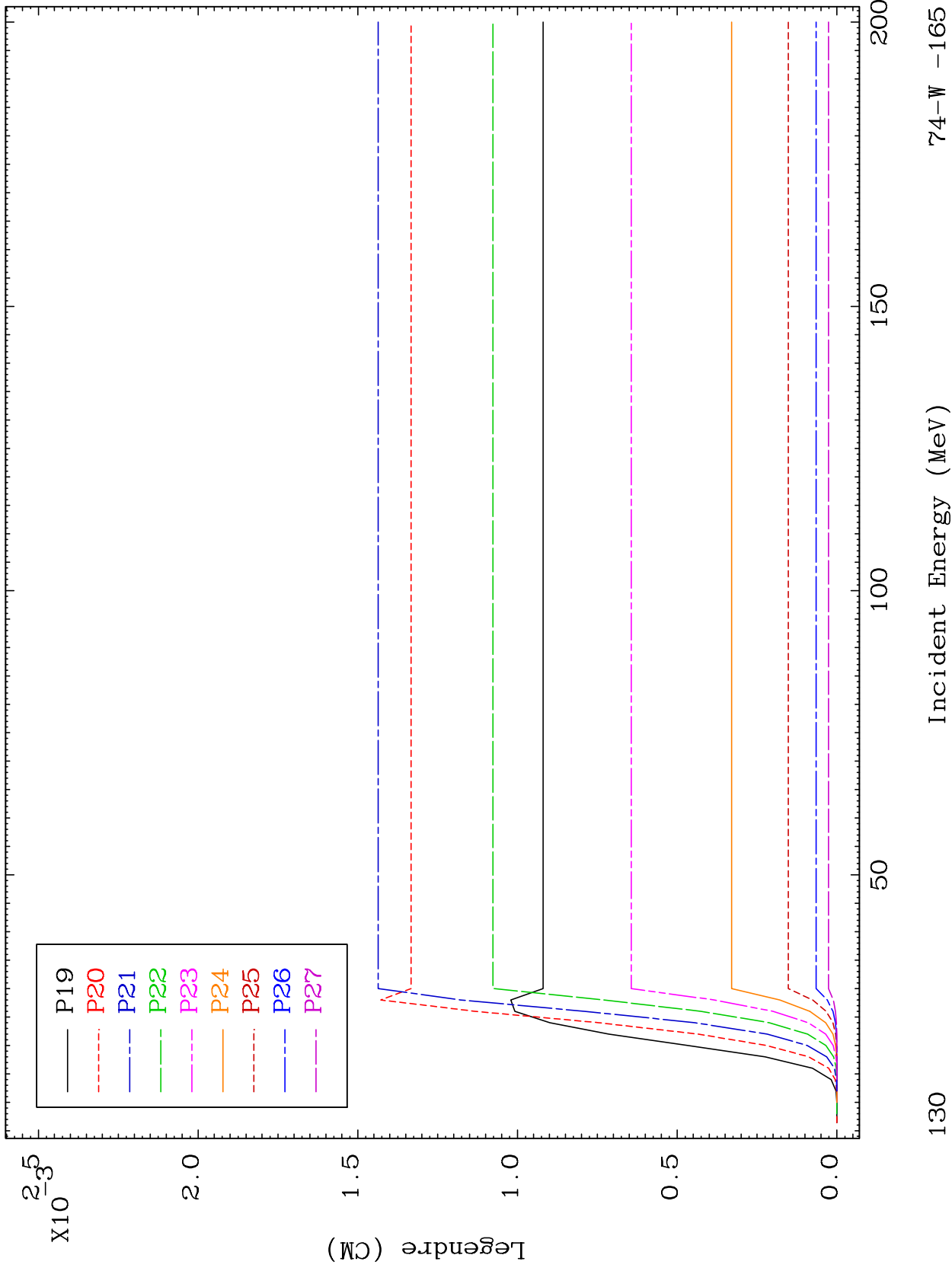
Incident Energy (MeV)

74-W -165

MAT 7380

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

74-W -165



130

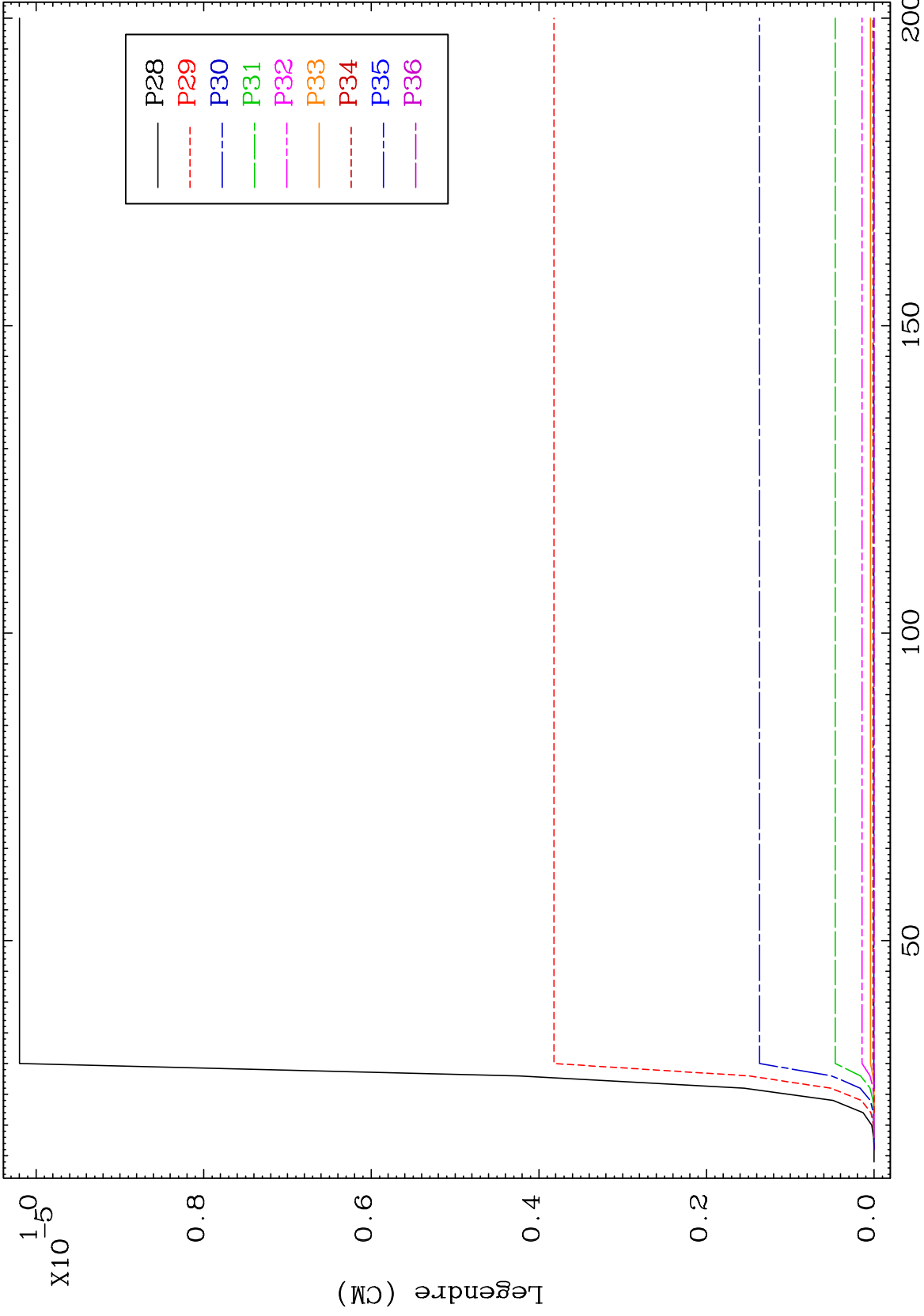
Incident Energy (MeV)

74-W -165

MAT 7380

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

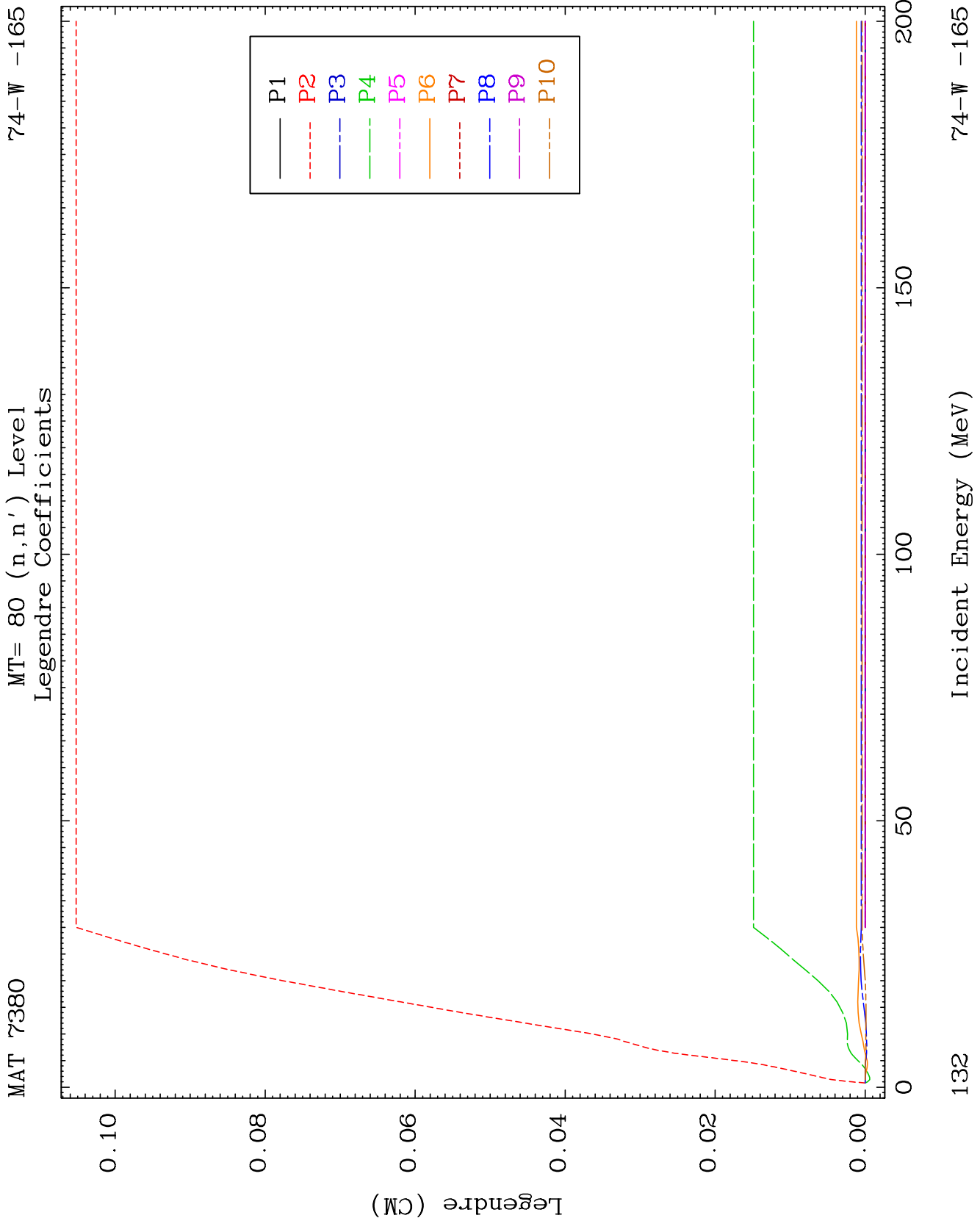
74-W -165

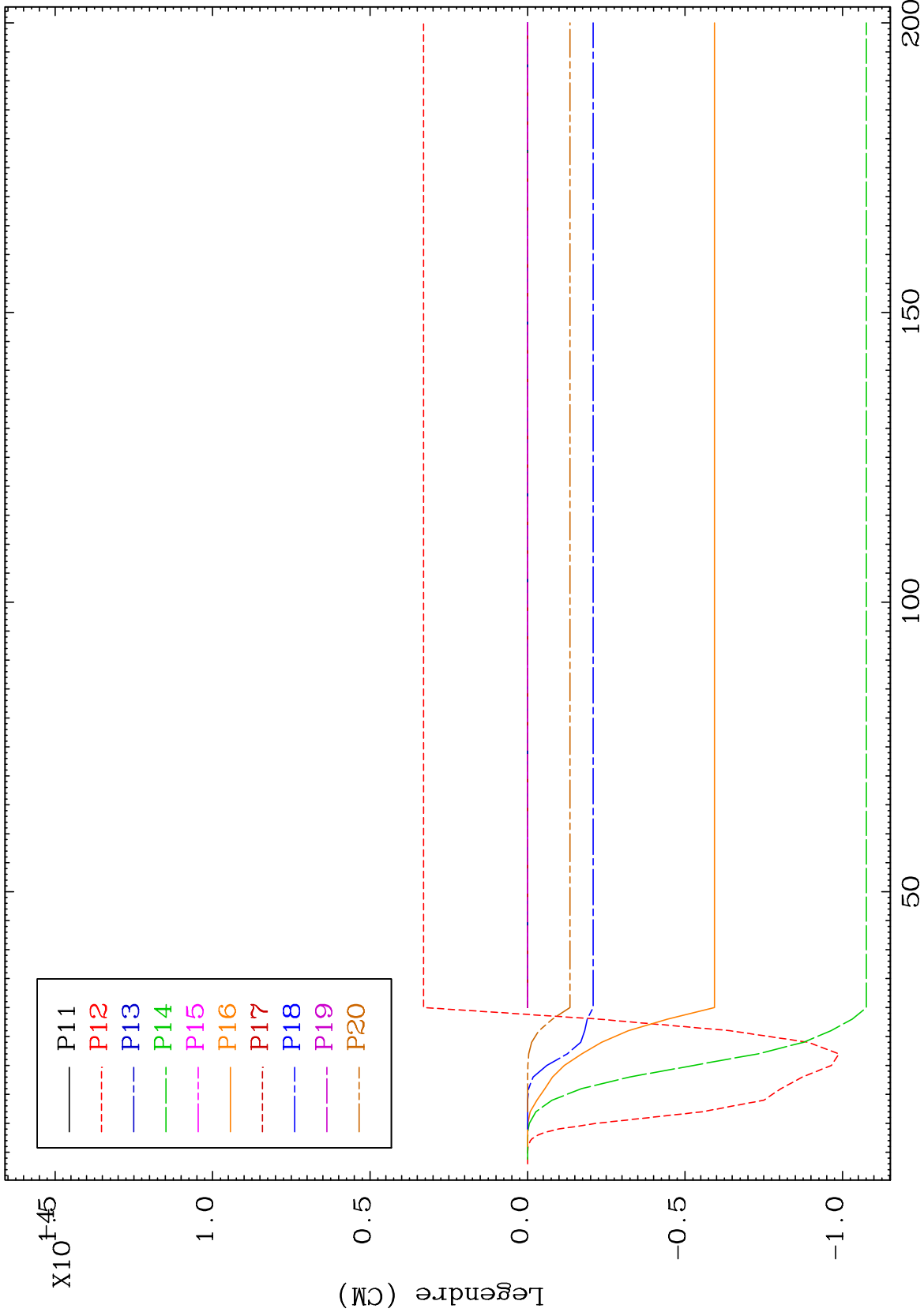


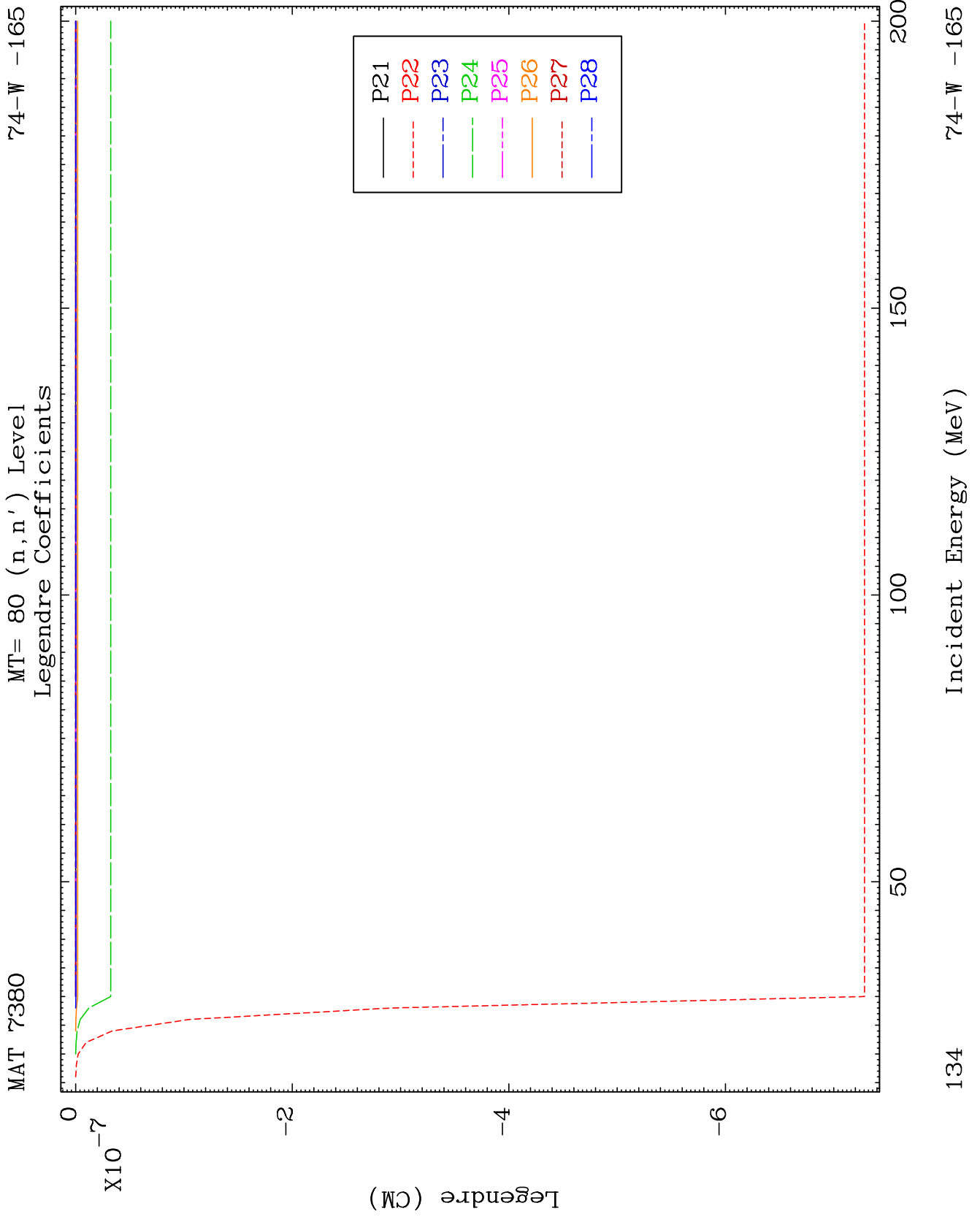
131

Incident Energy (MeV)

74-W -165





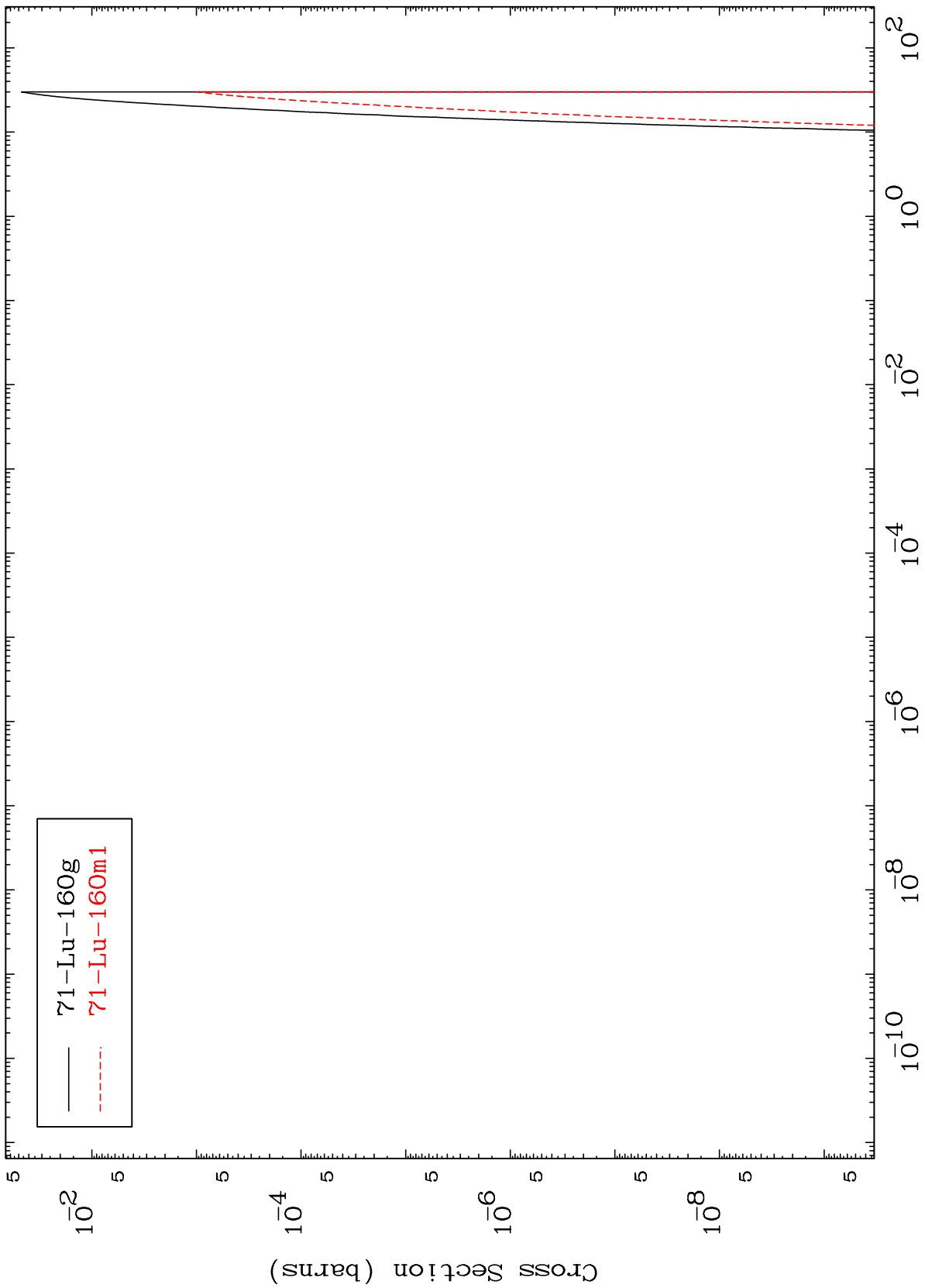


MAT 7380

(n,n') p α

74-W -165

Radionuclide Production Cross Section



71-Lu-160g
71-Lu-160m1

135

Incident Energy (MeV)

74-W -165

MAT 7380

(n,d) α

74-W -165

Radionuclide Production Cross Section

