

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

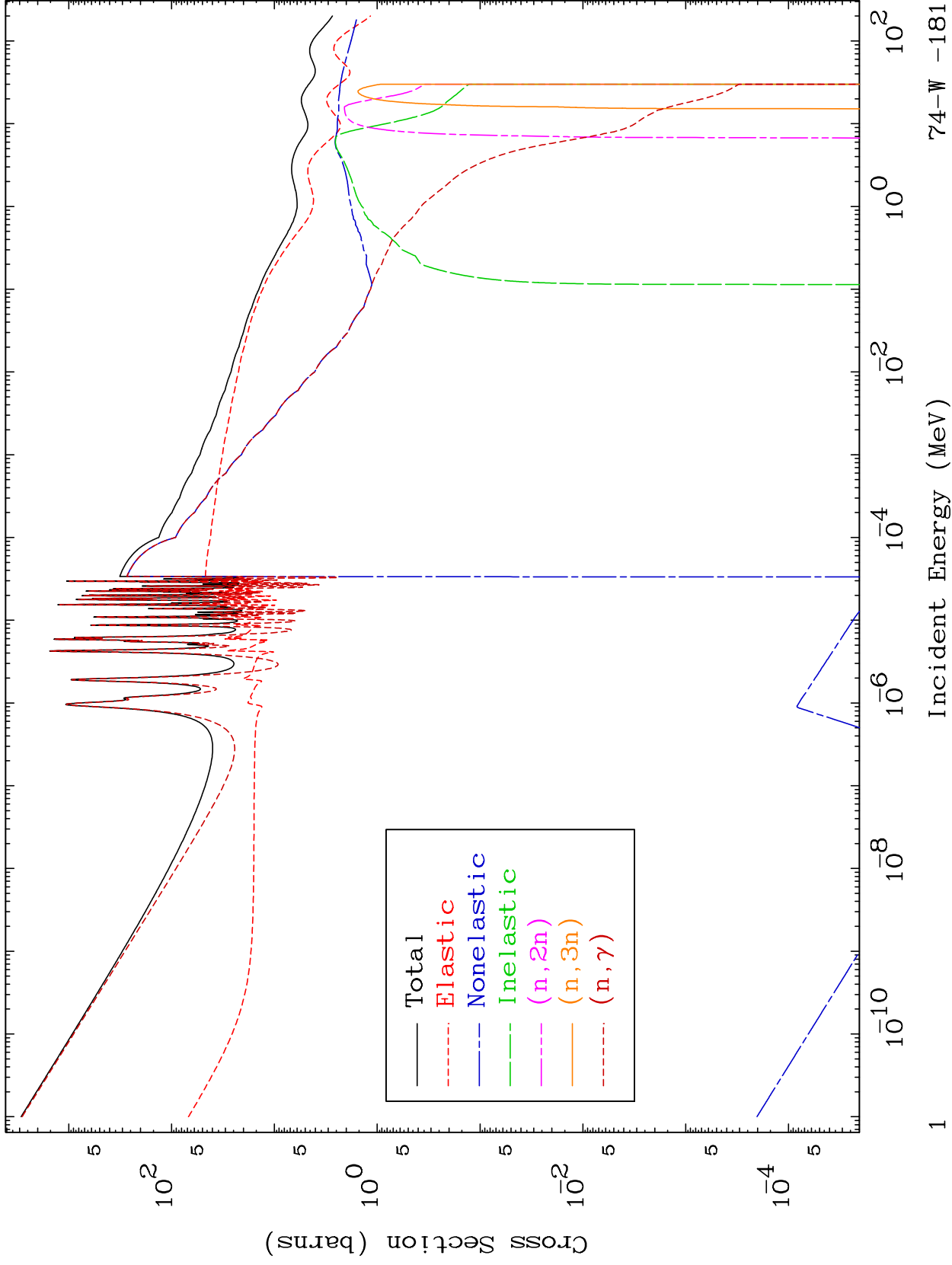
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7428

Neutron Major
293 Kelvin Cross Sections

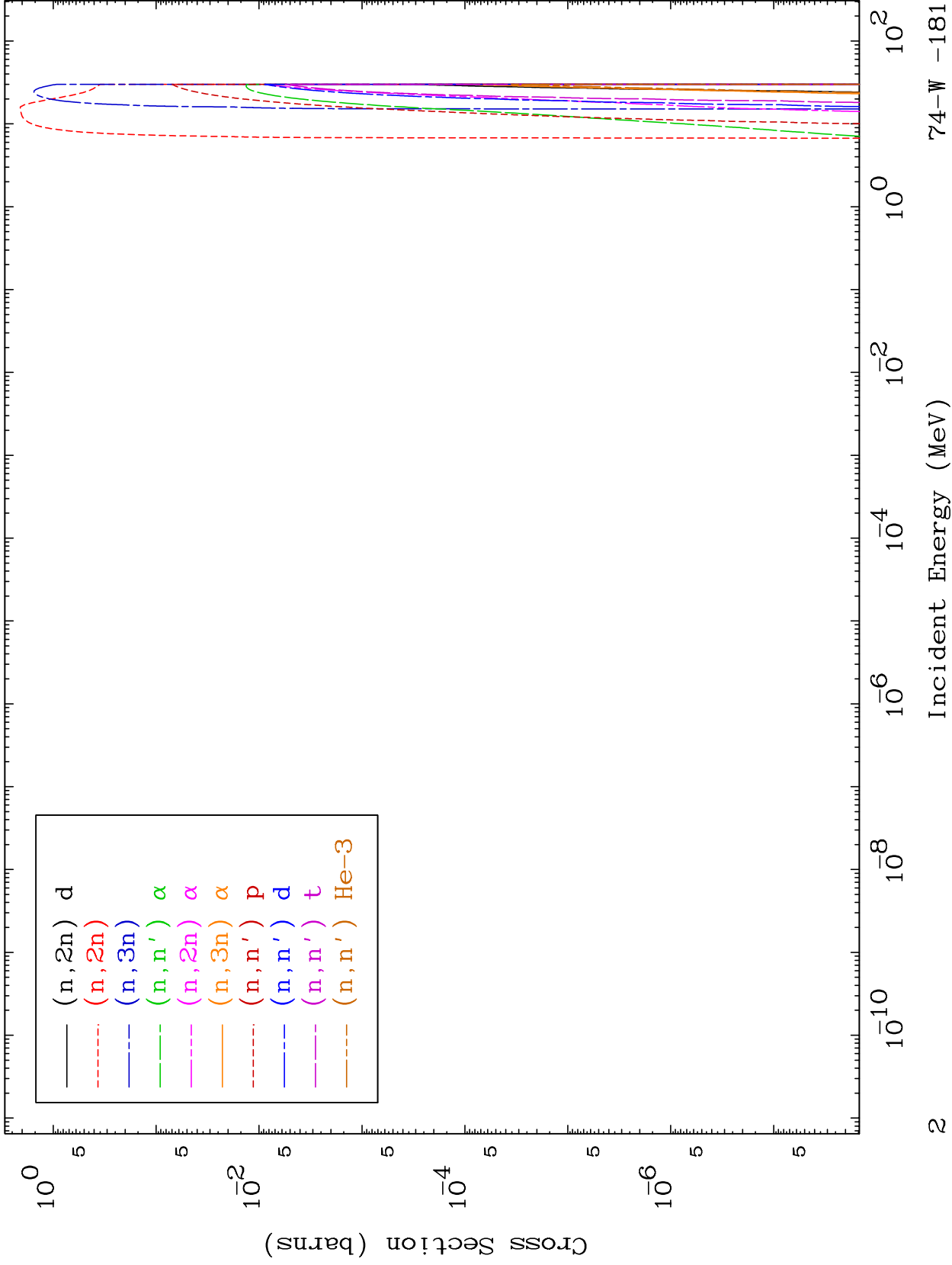
74-W -181

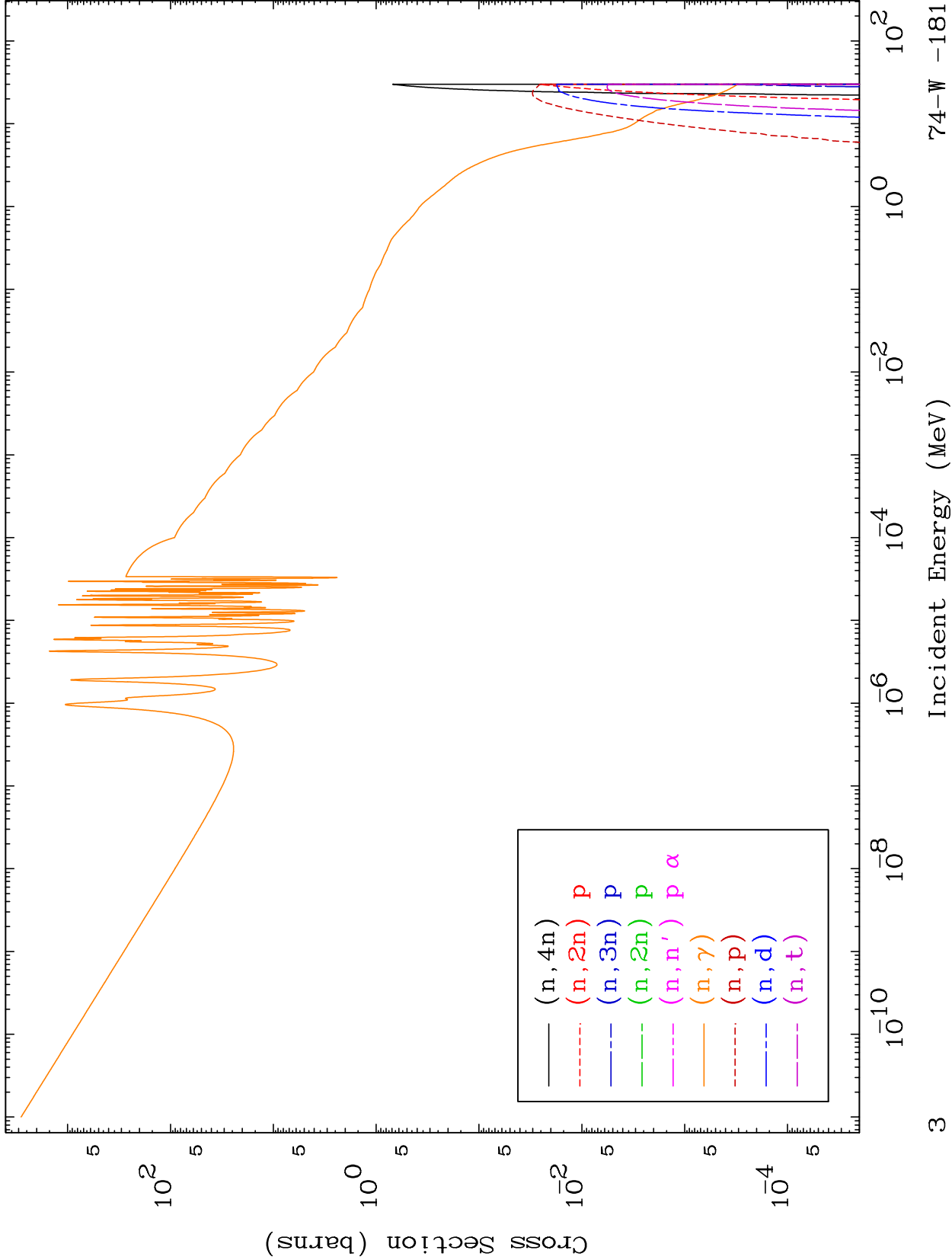


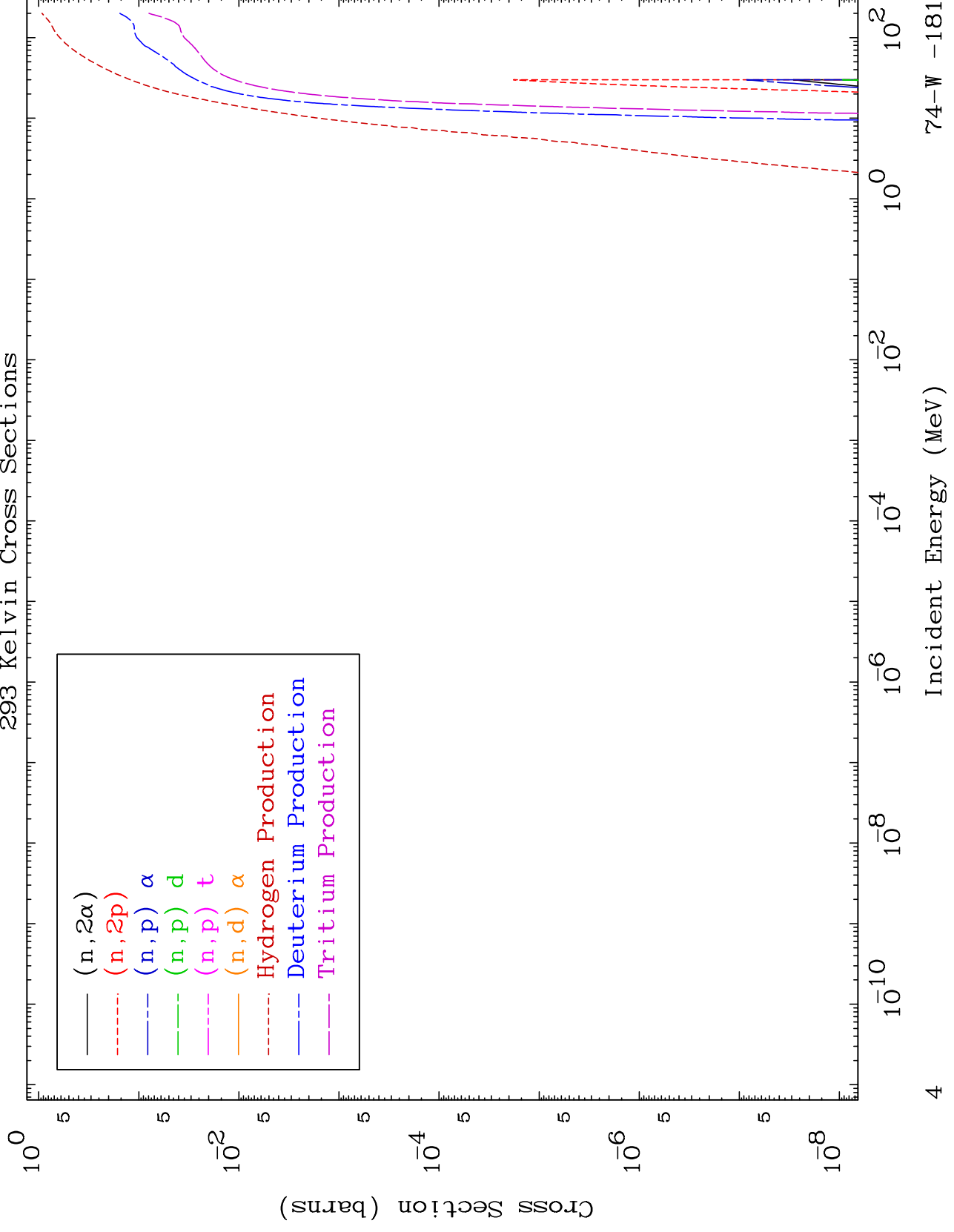
MAT 7428

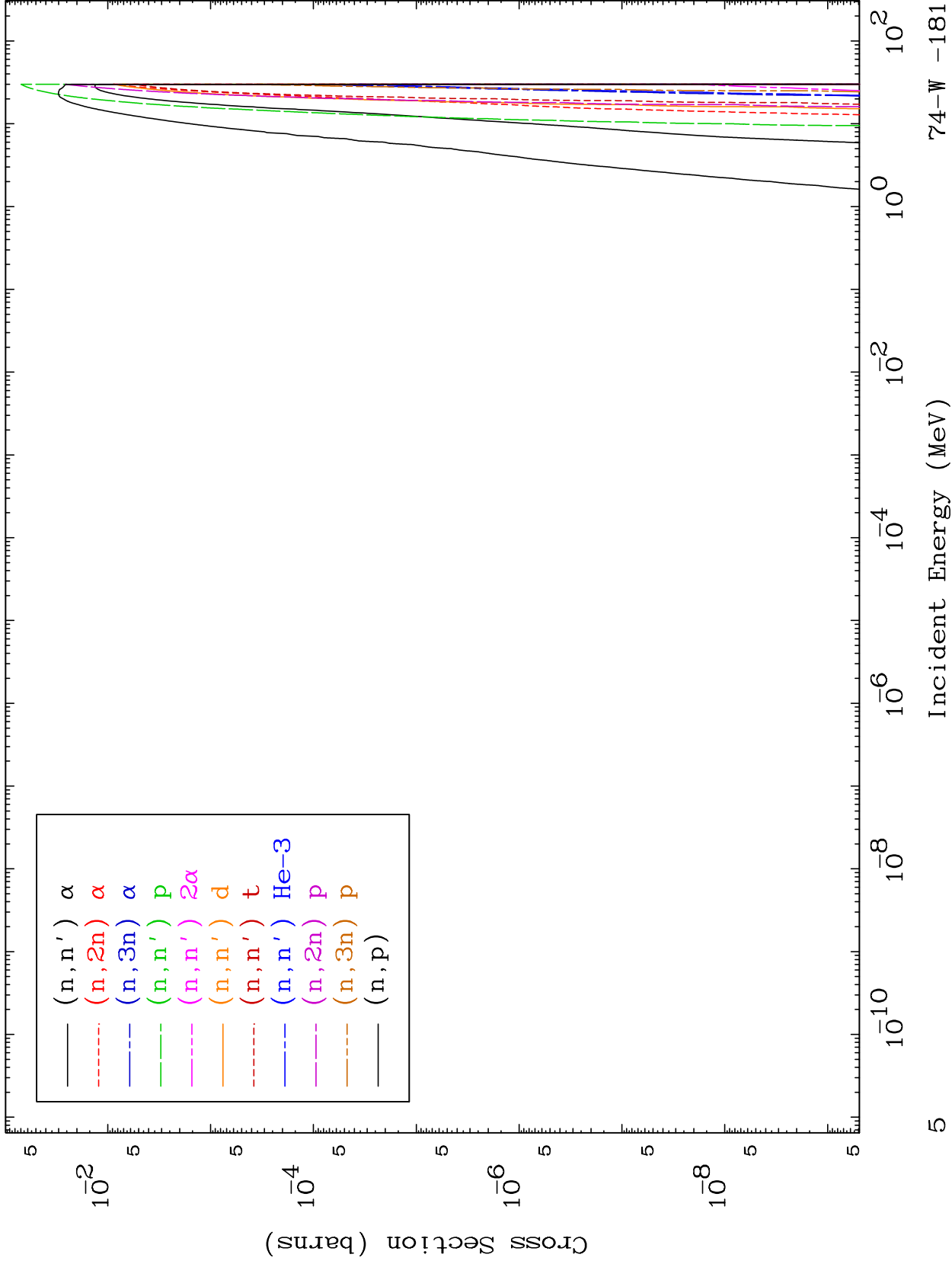
Neutron Absorption
293 Kelvin Cross Sections

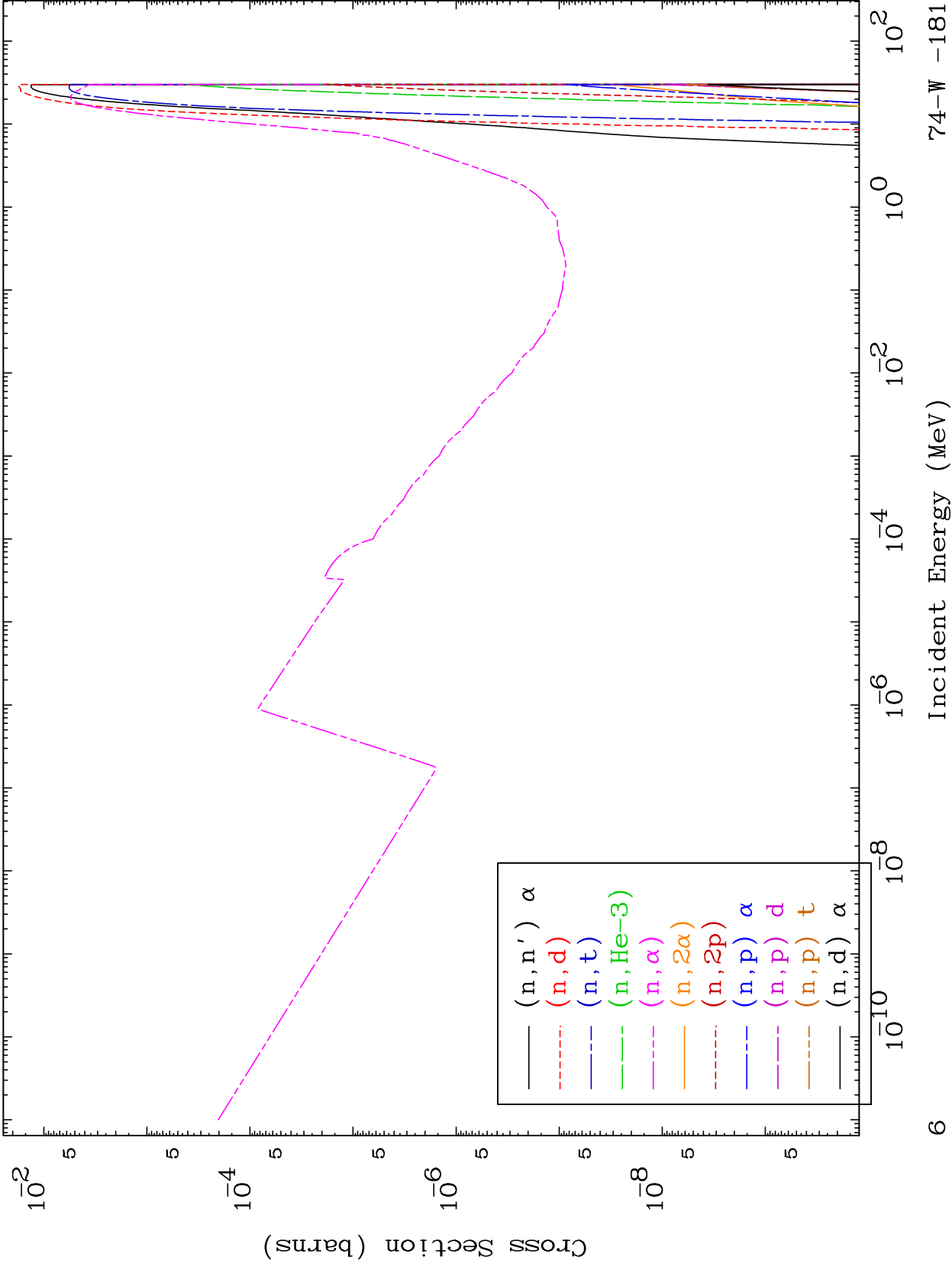
74-W -181

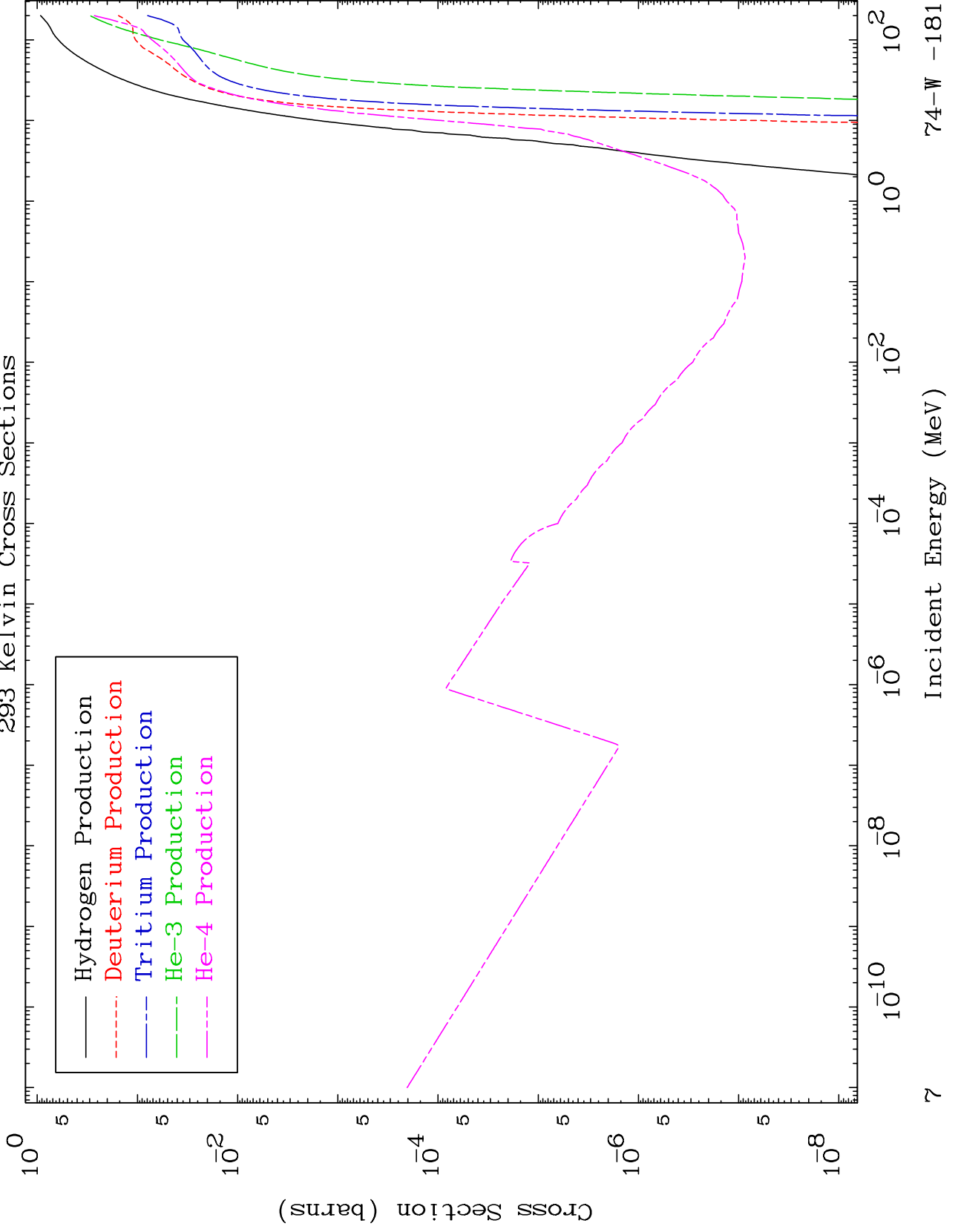


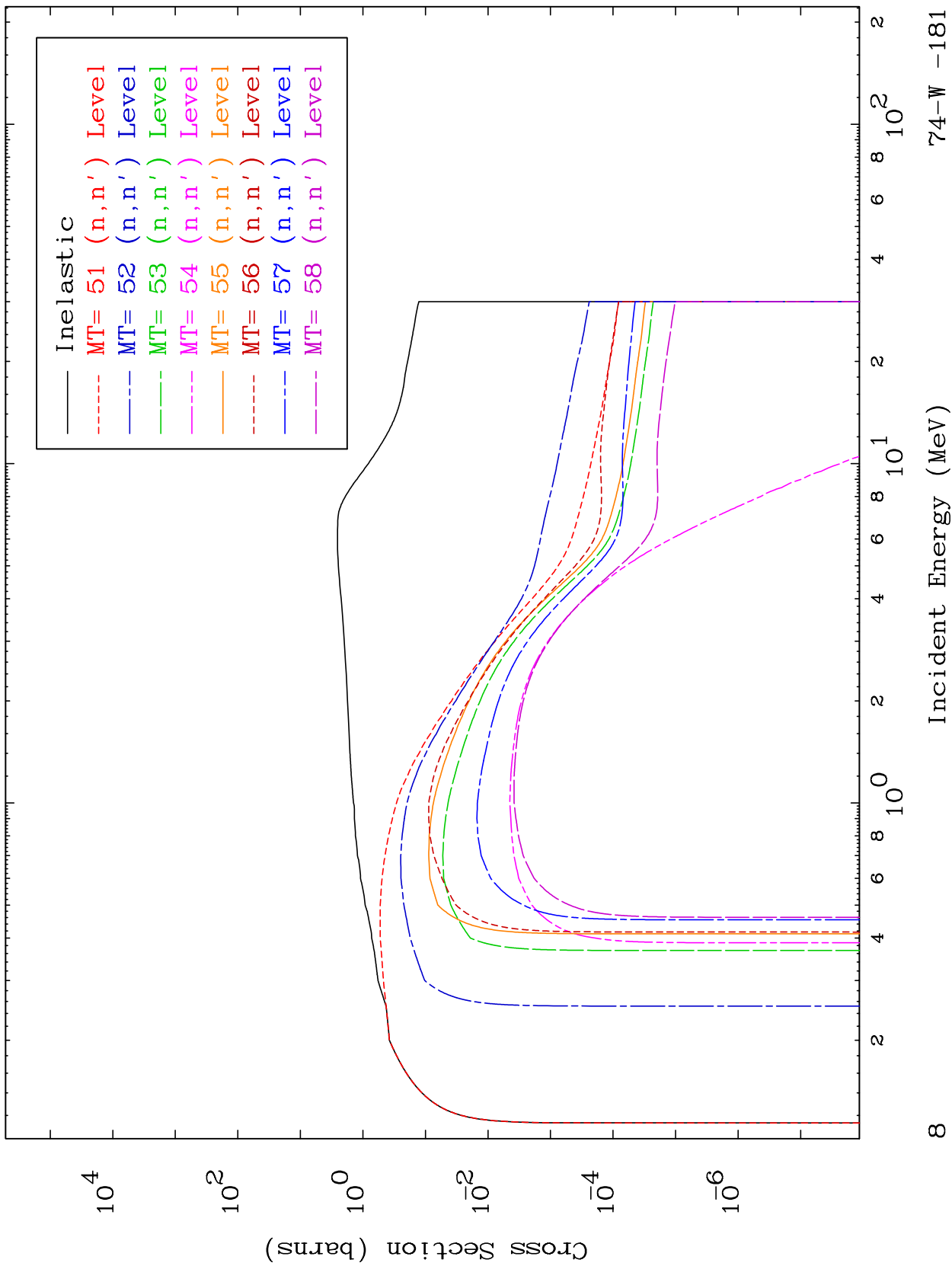


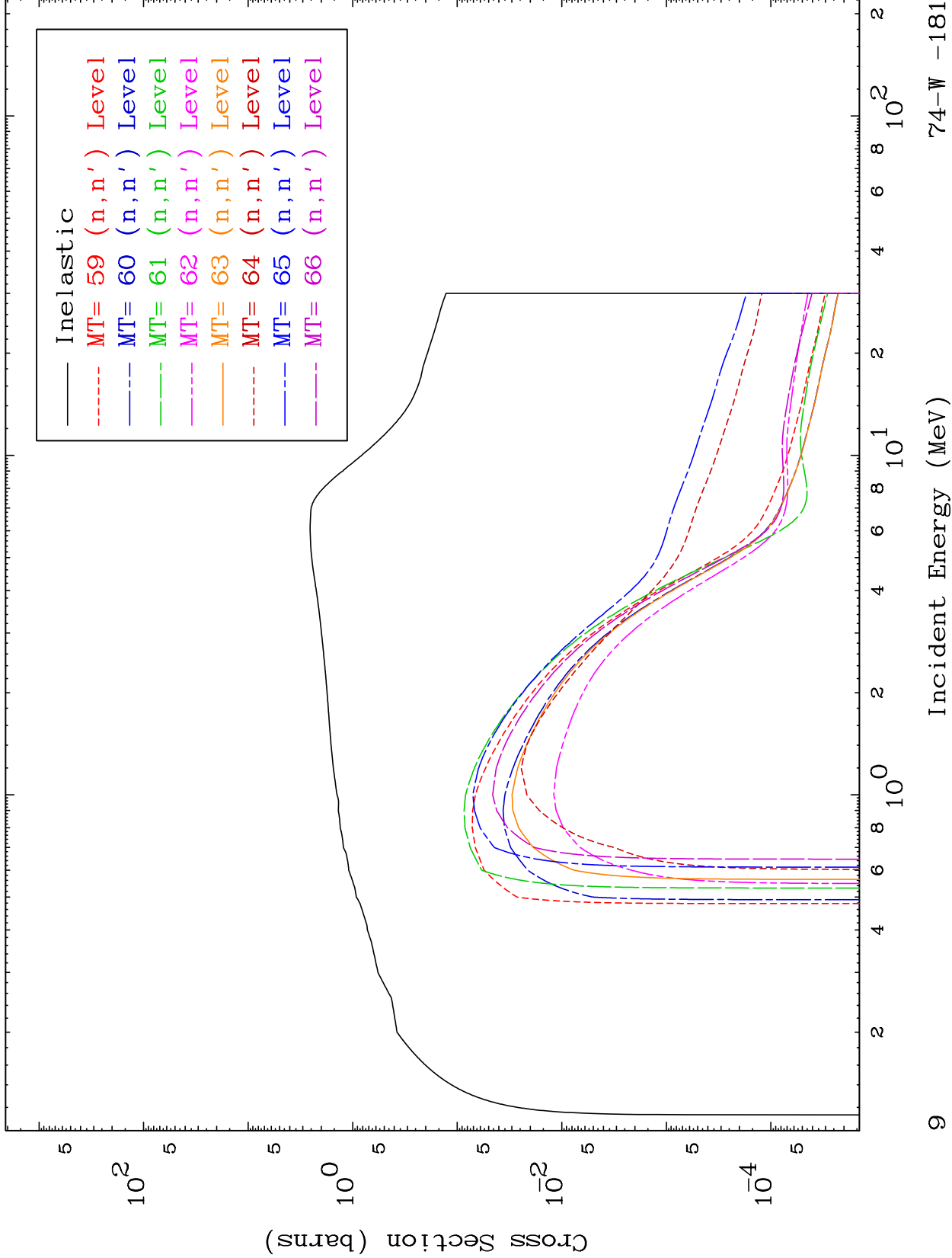


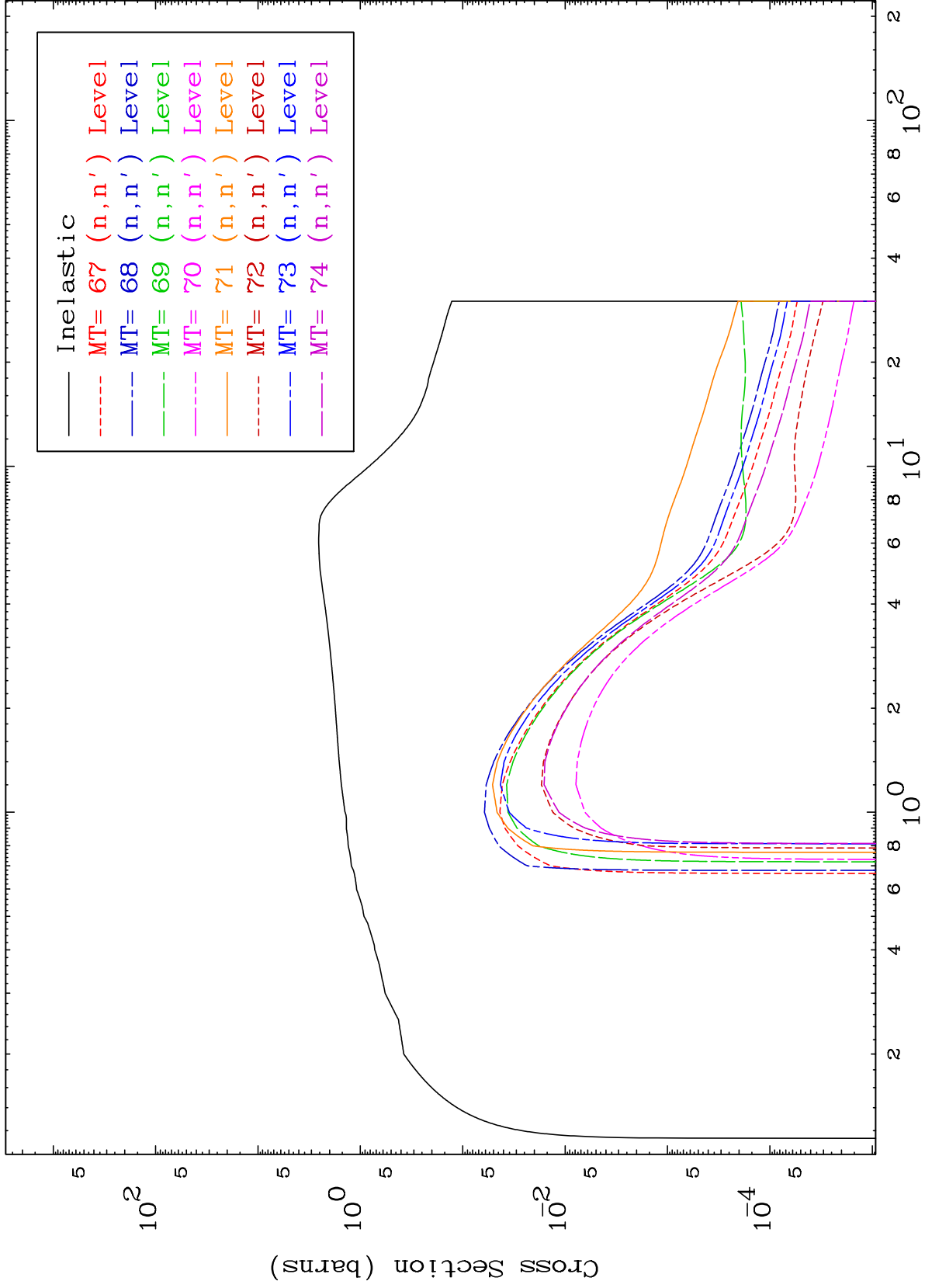


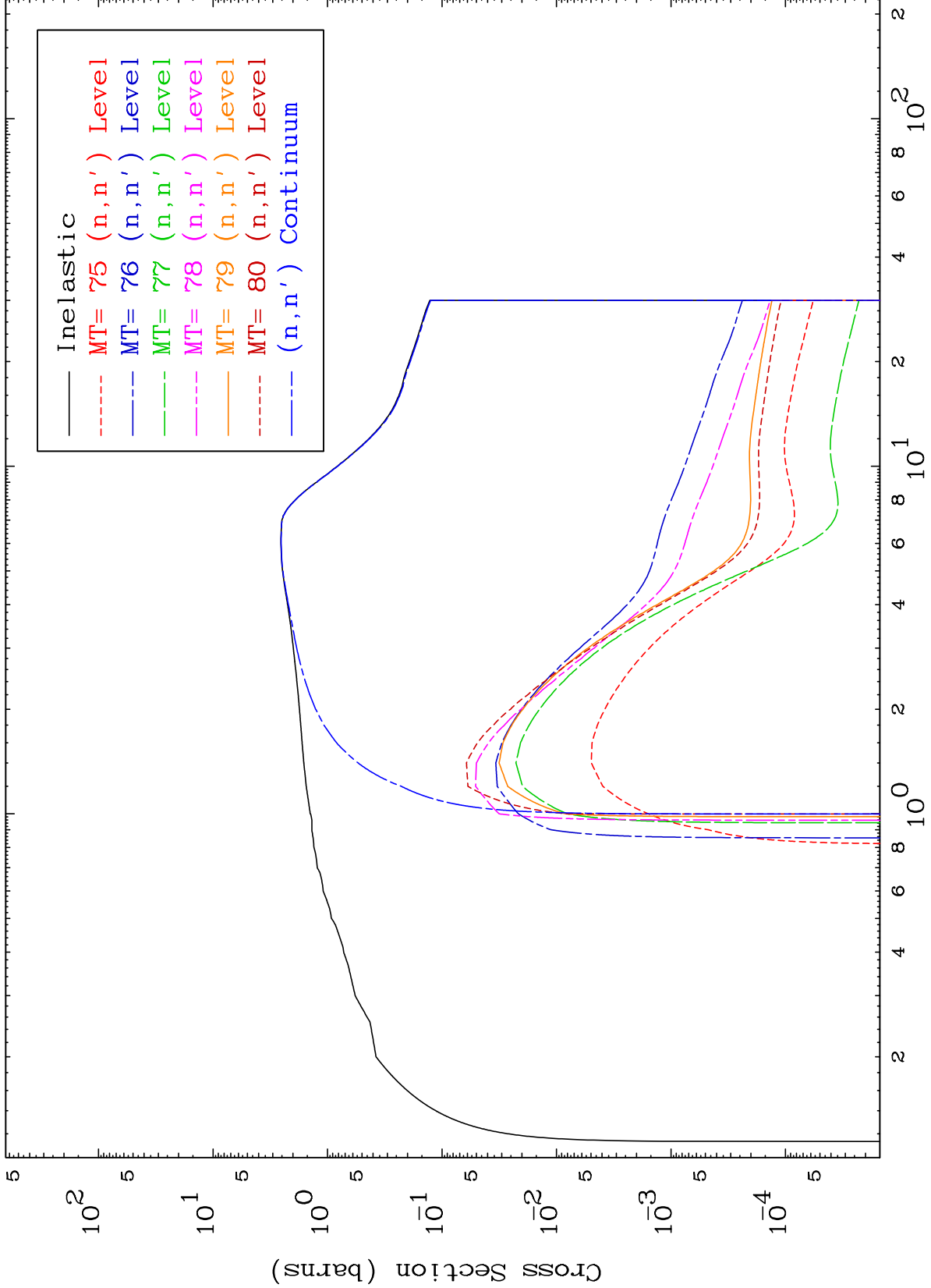








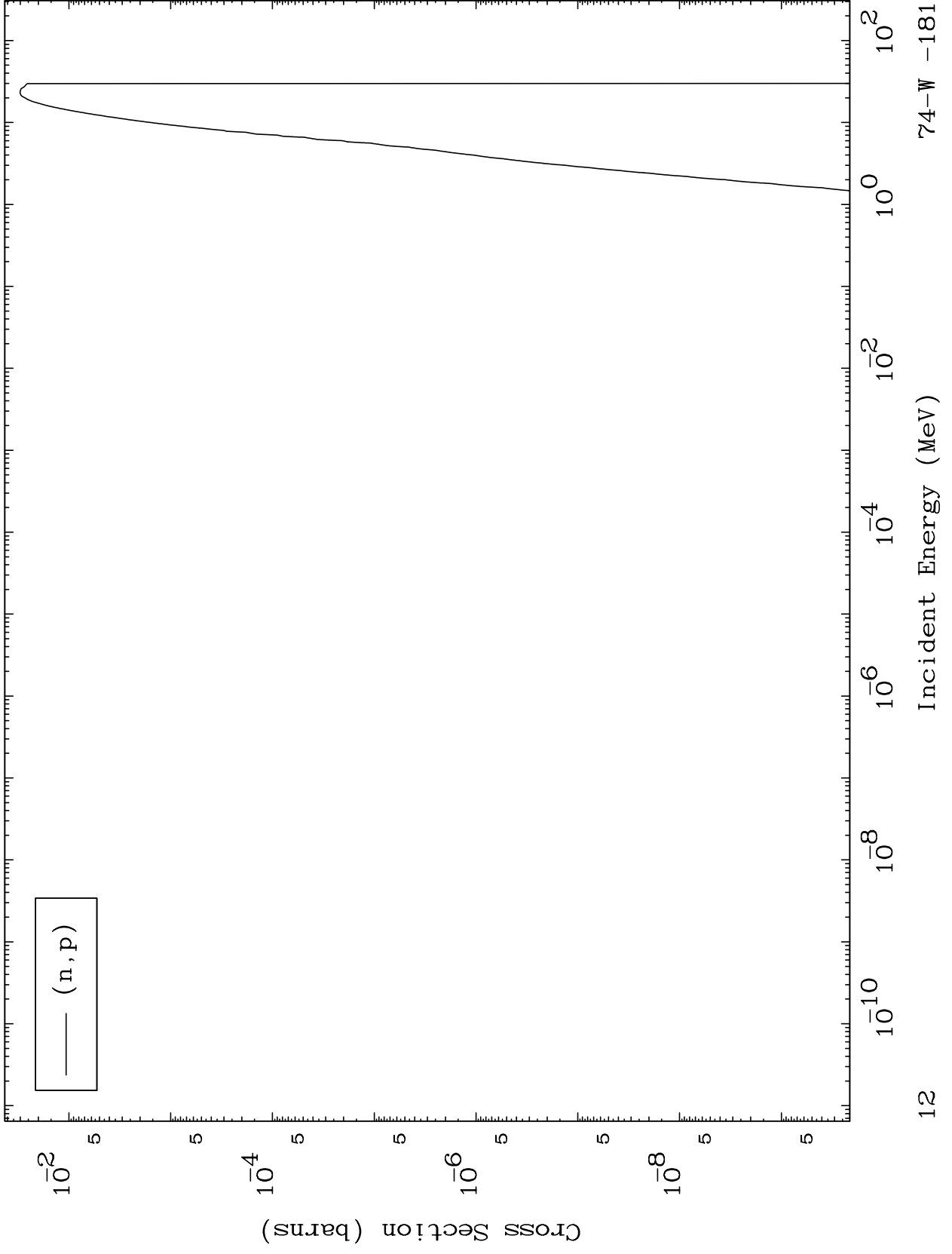




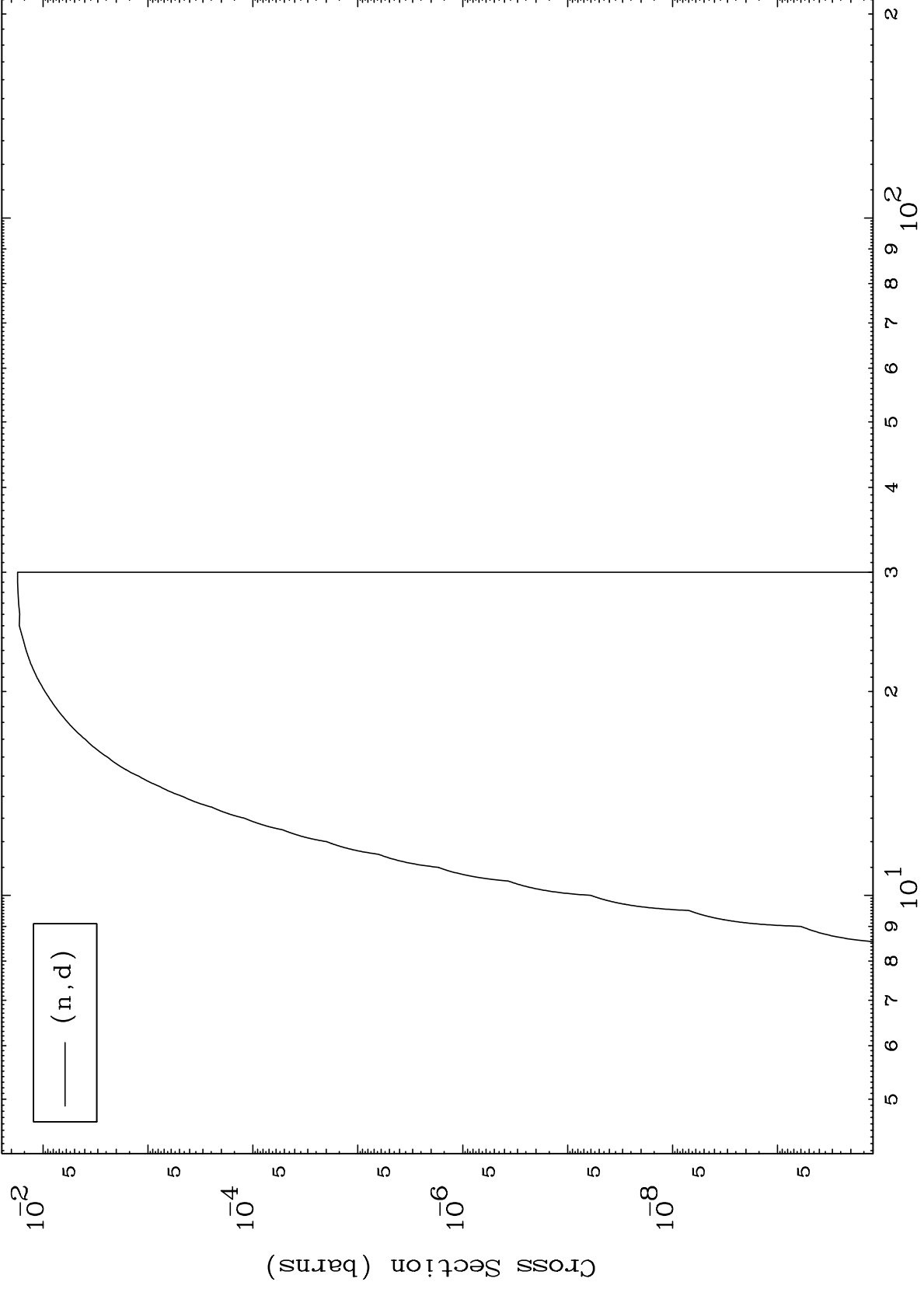
MAT 7428

(n,p) Levels
293 Kelvin Cross Sections

74-W -181



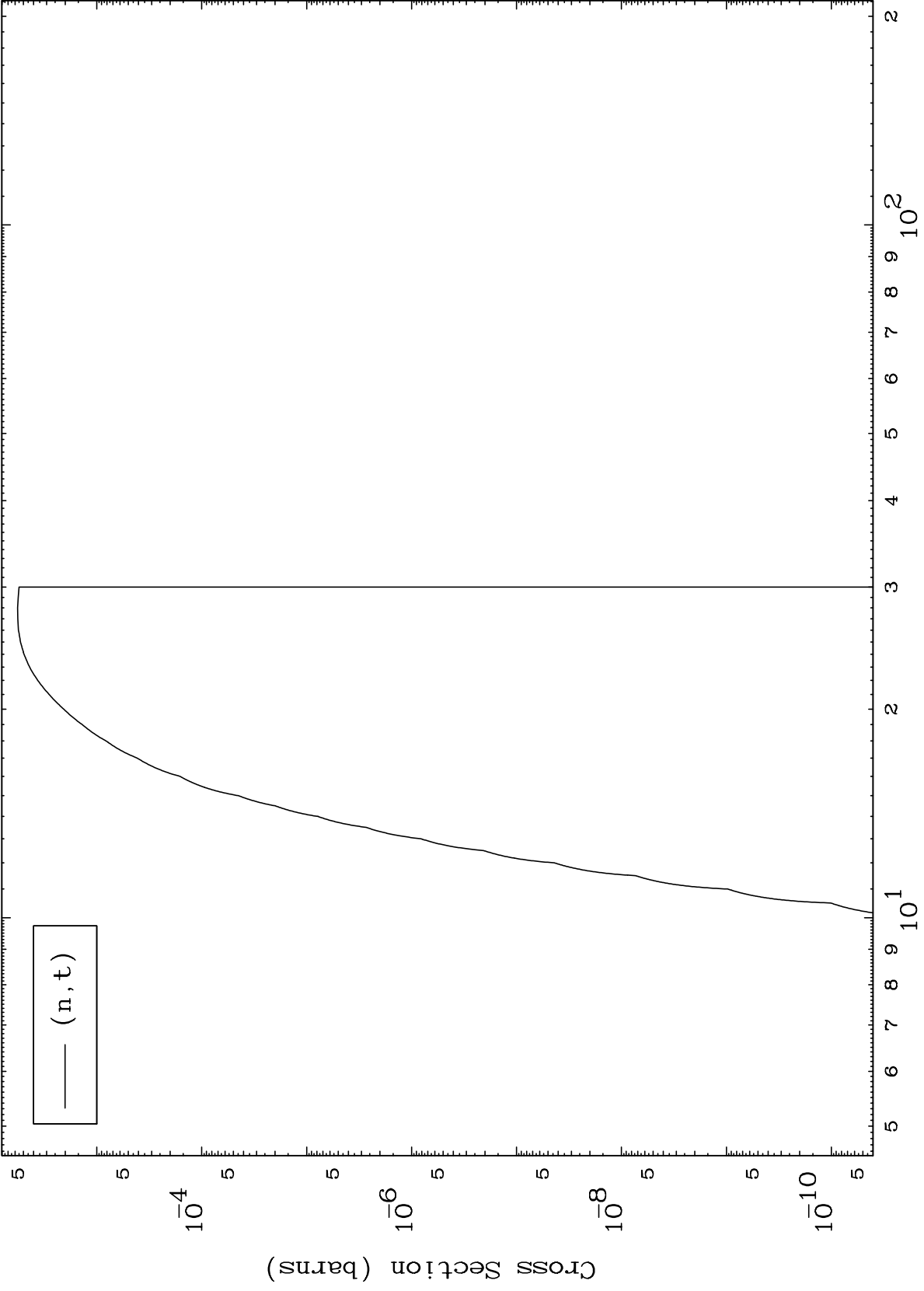
(n,d) Levels
293 Kelvin Cross Sections



MAT 7428

(n,t) Levels
293 Kelvin Cross Sections

74-W -181

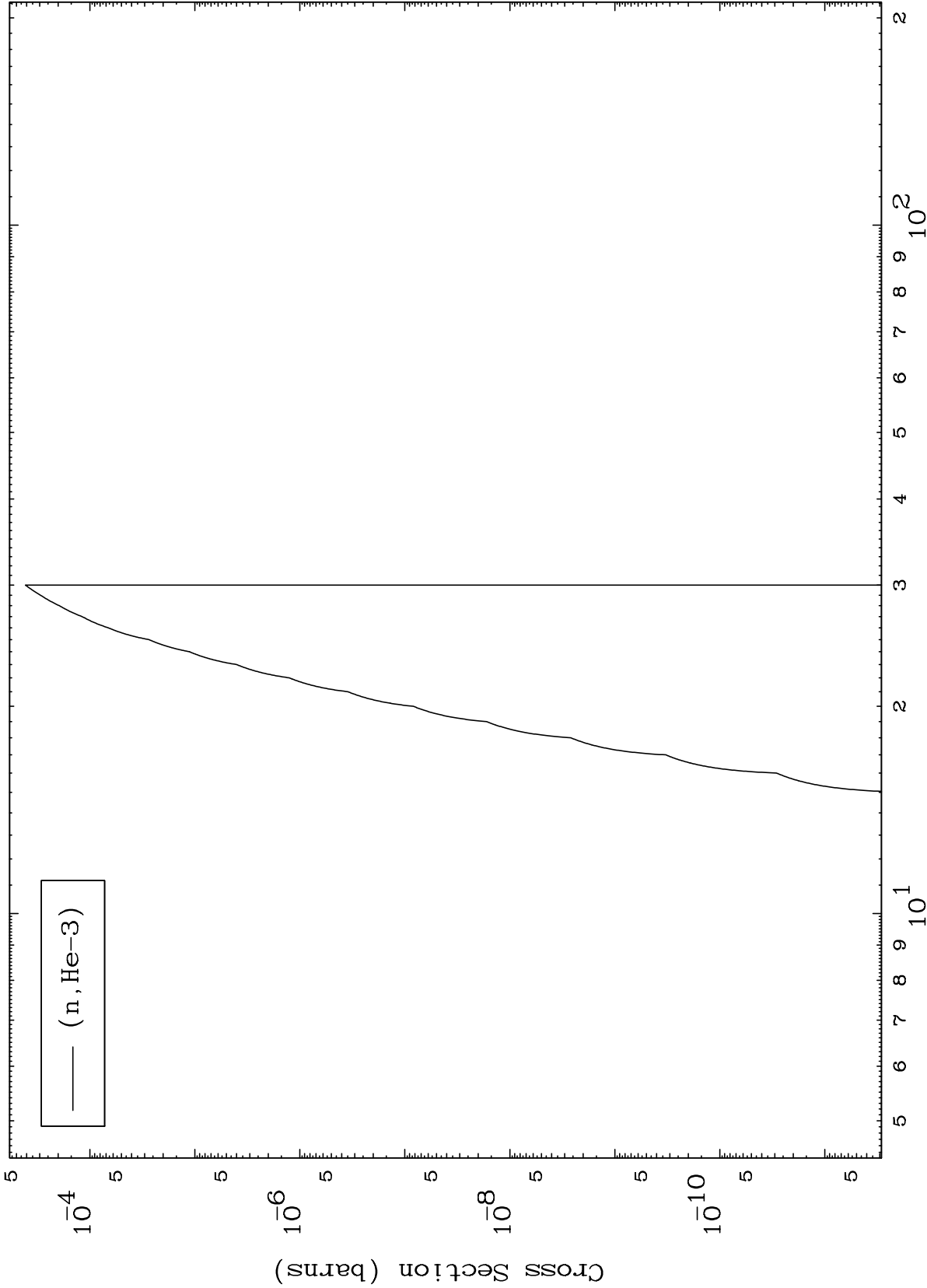


14

Incident Energy (MeV)

74-W -181

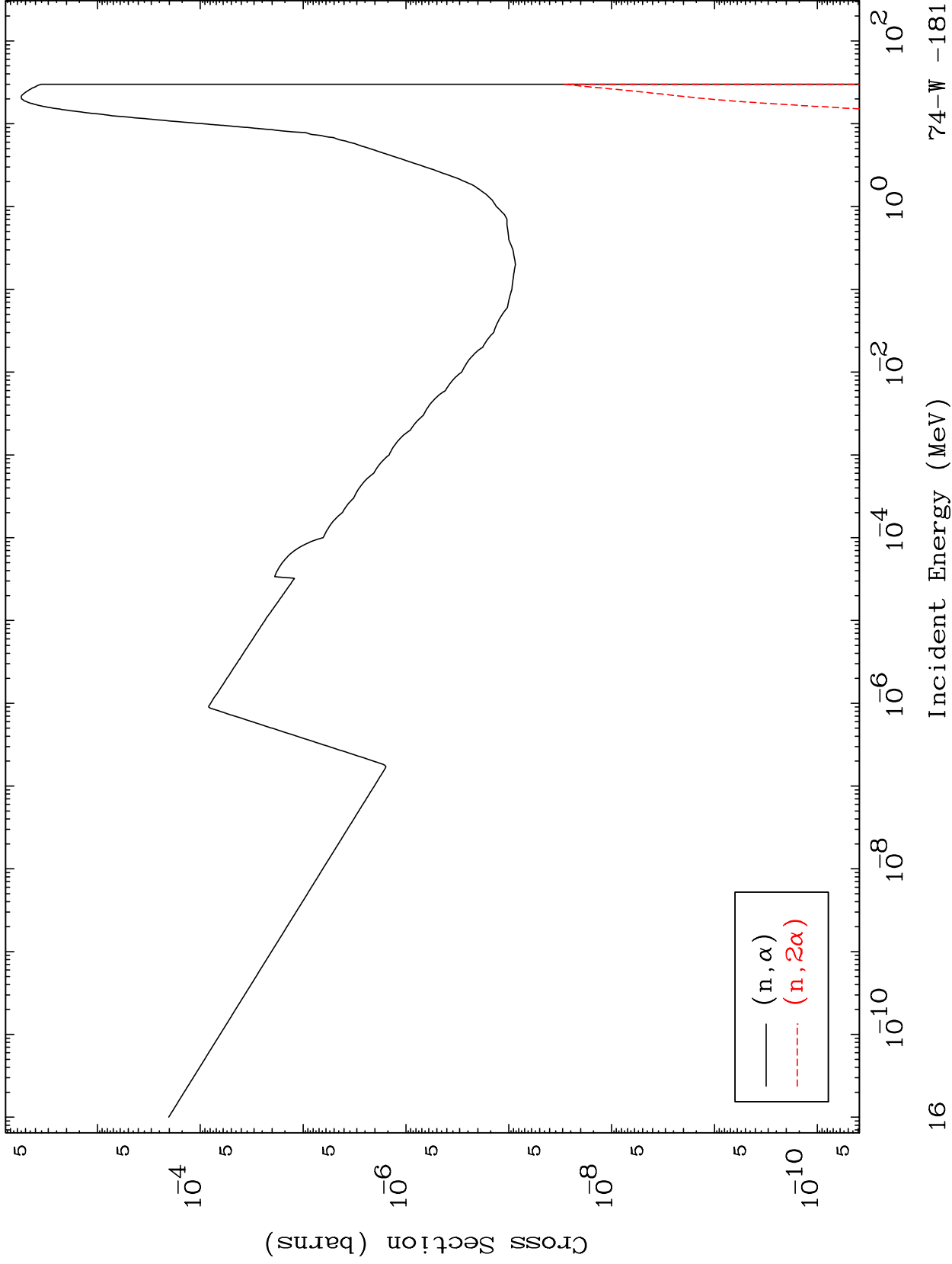
(n,He3) Levels
293 Kelvin Cross Sections



MAT 7428

(n,α) Levels
293 Kelvin Cross Sections

74-W -181



16

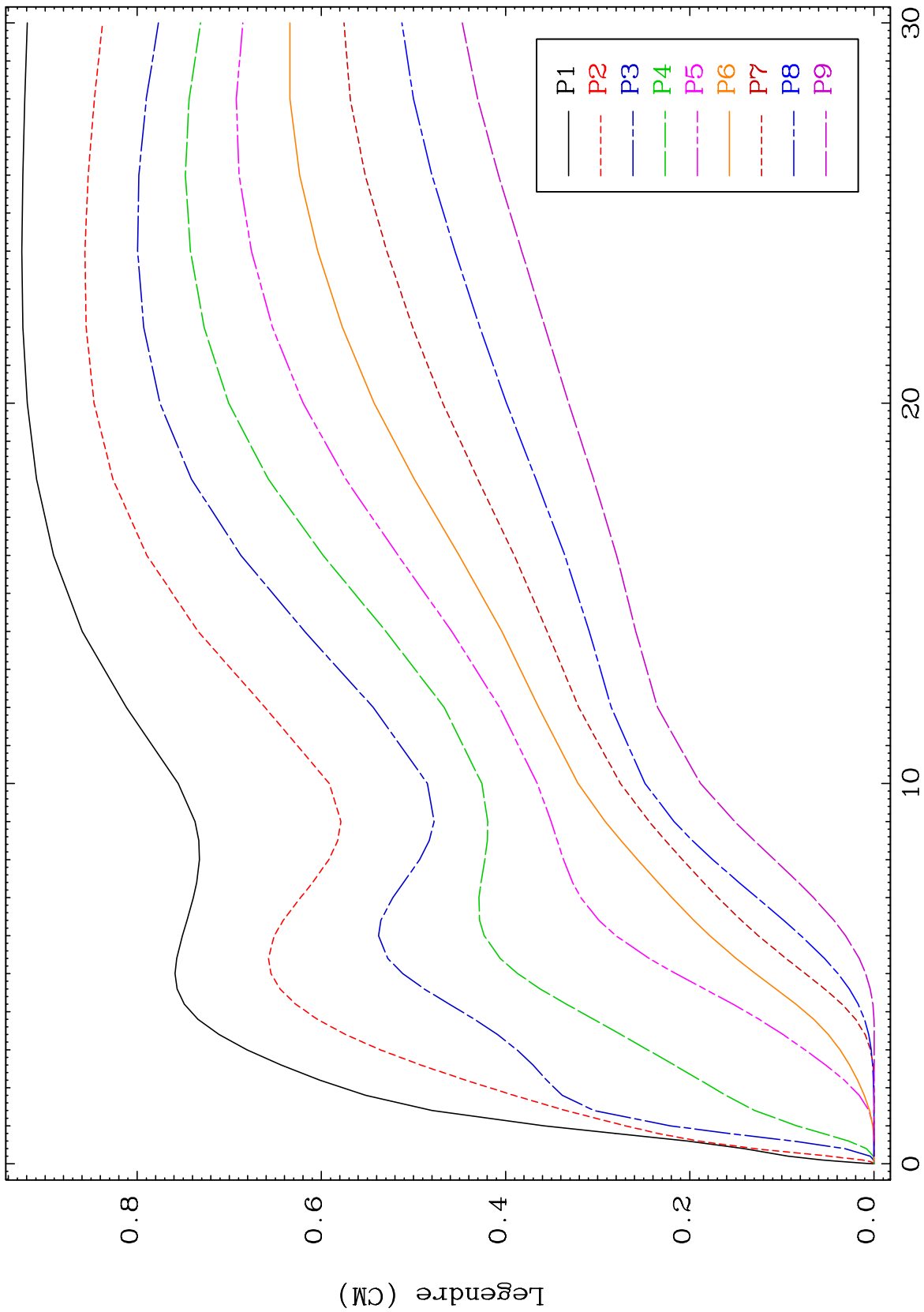
Incident Energy (MeV)

74-W -181

MAT 7428

74-W -181

Elastic Legendre Coefficients



17

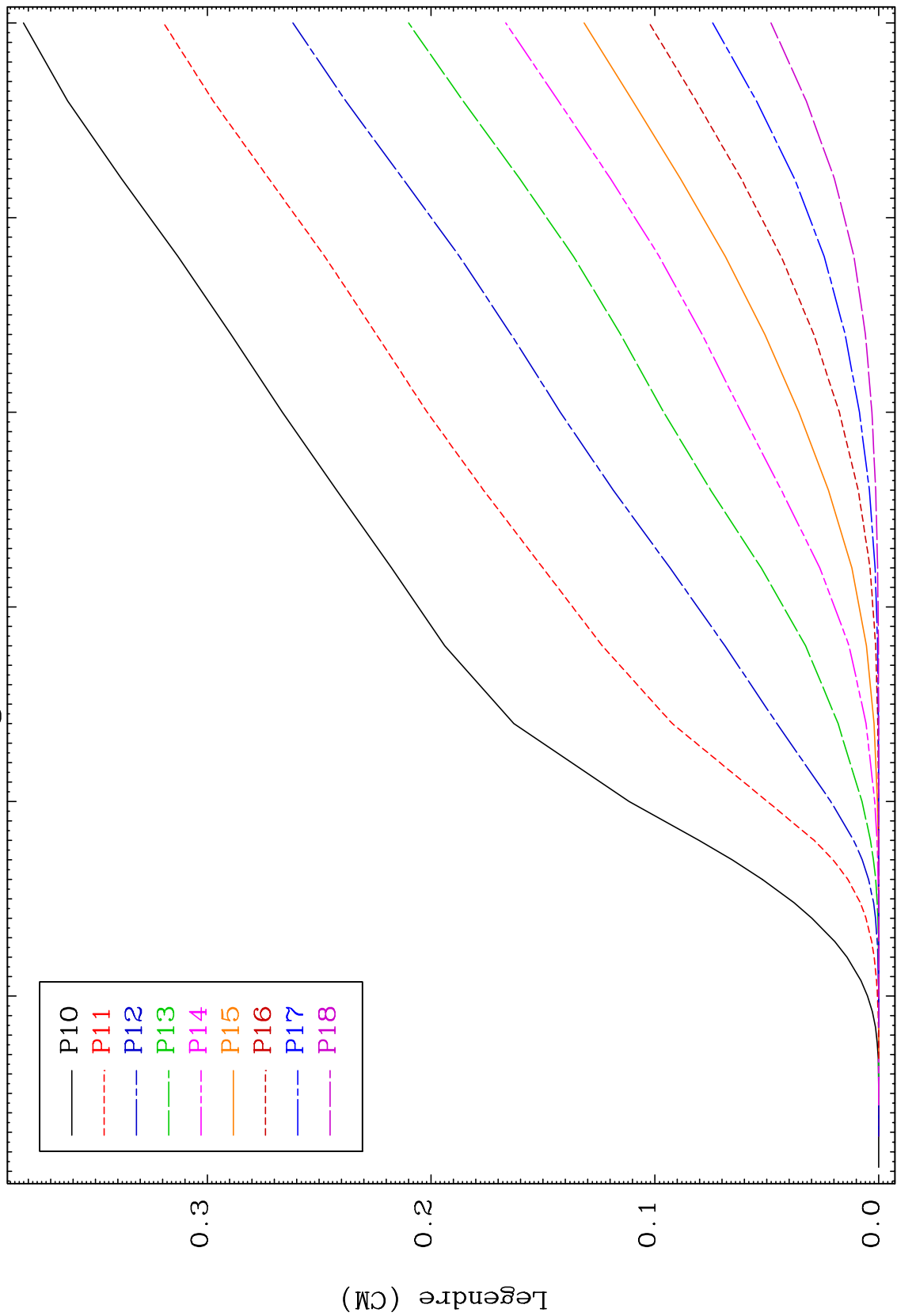
Incident Energy (MeV)

74-W -181

MAT 7428

Elastic Legendre Coefficients

74-W -181

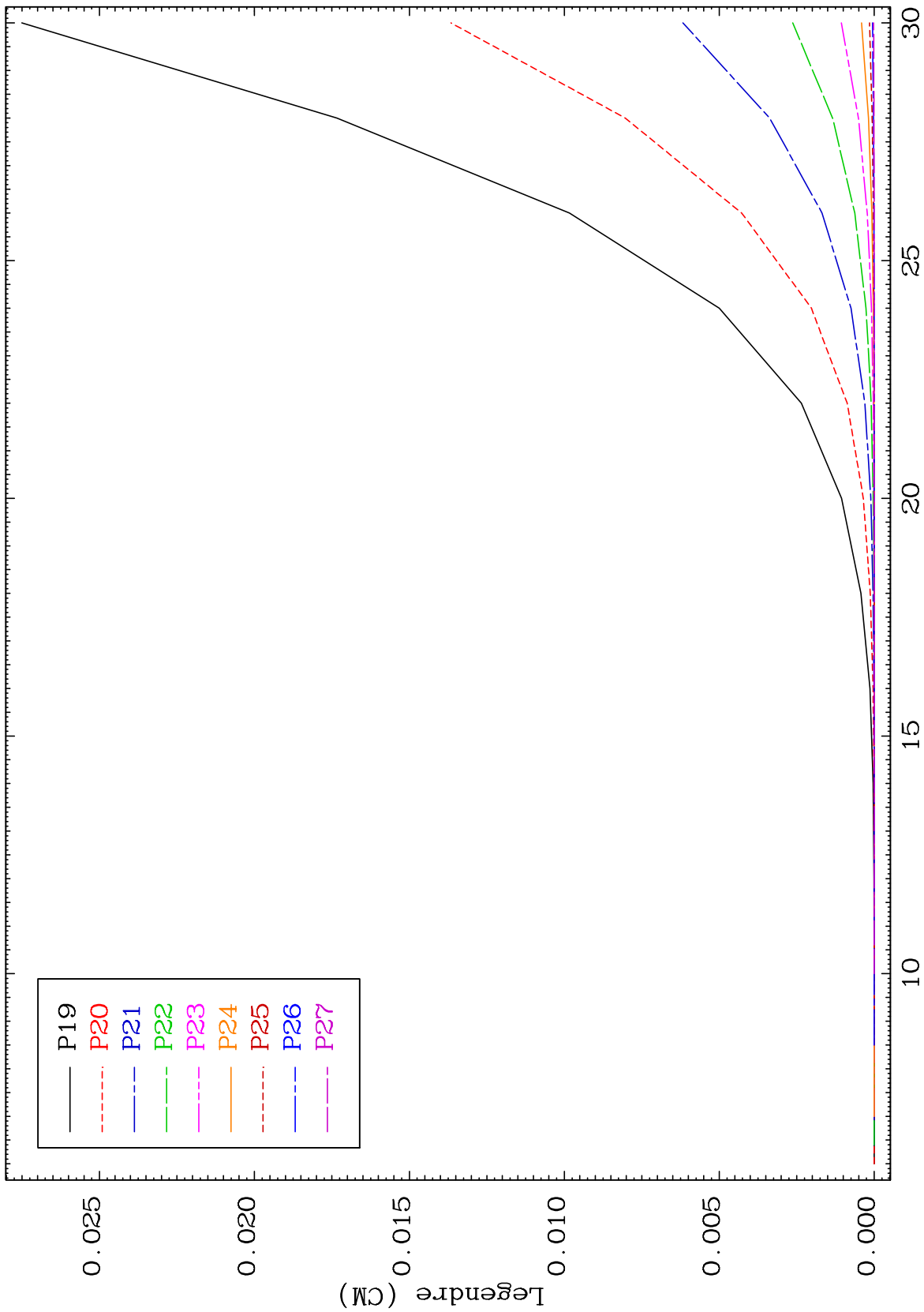


18

Incident Energy (MeV)

74-W -181

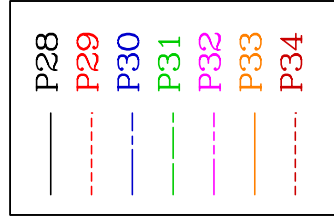
Elastic Legendre Coefficients



MAT 7428

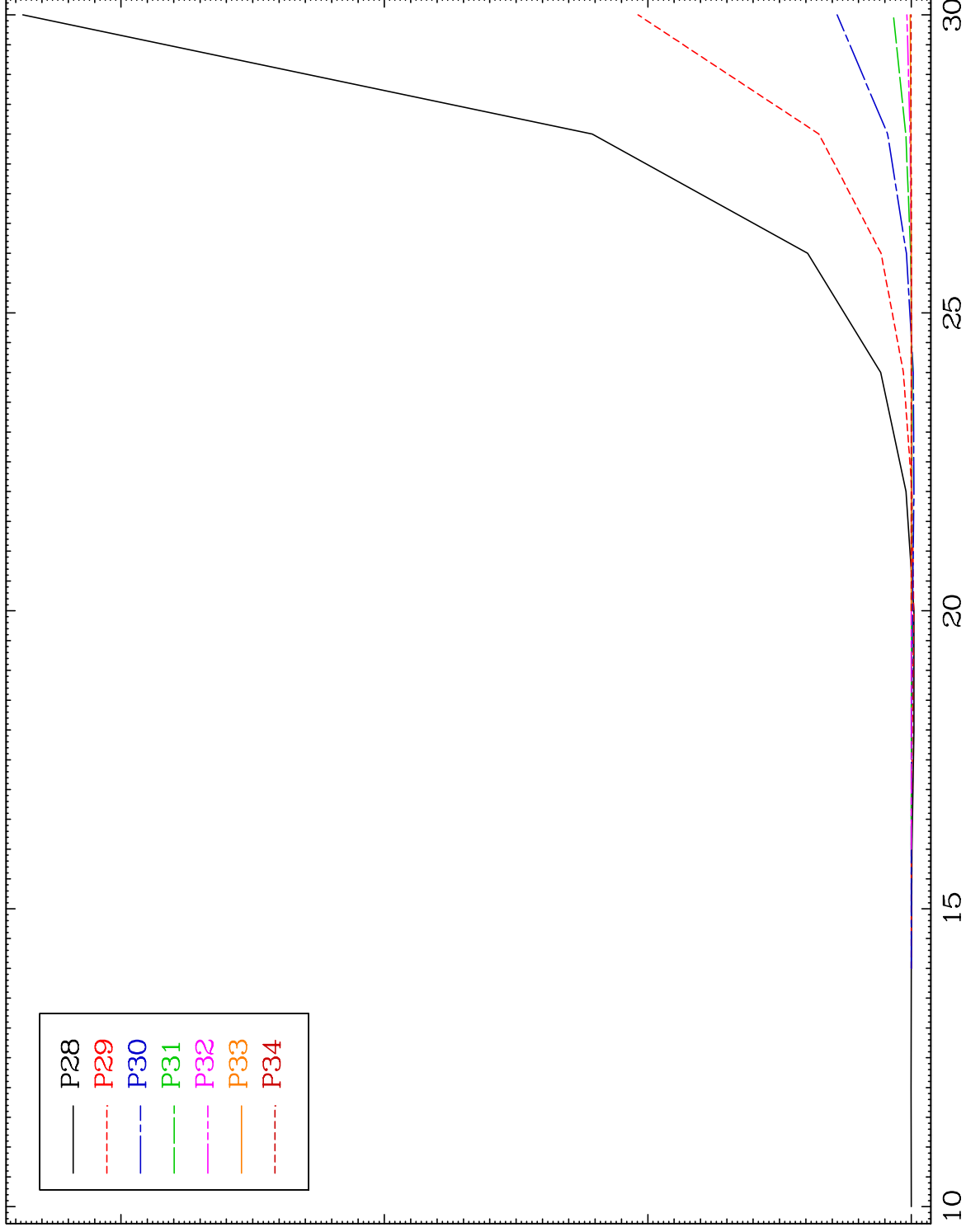
Elastic Legendre Coefficients

74-W -181



$\times 10^{-6}$

Legendre (CM)



Incident Energy (MeV)

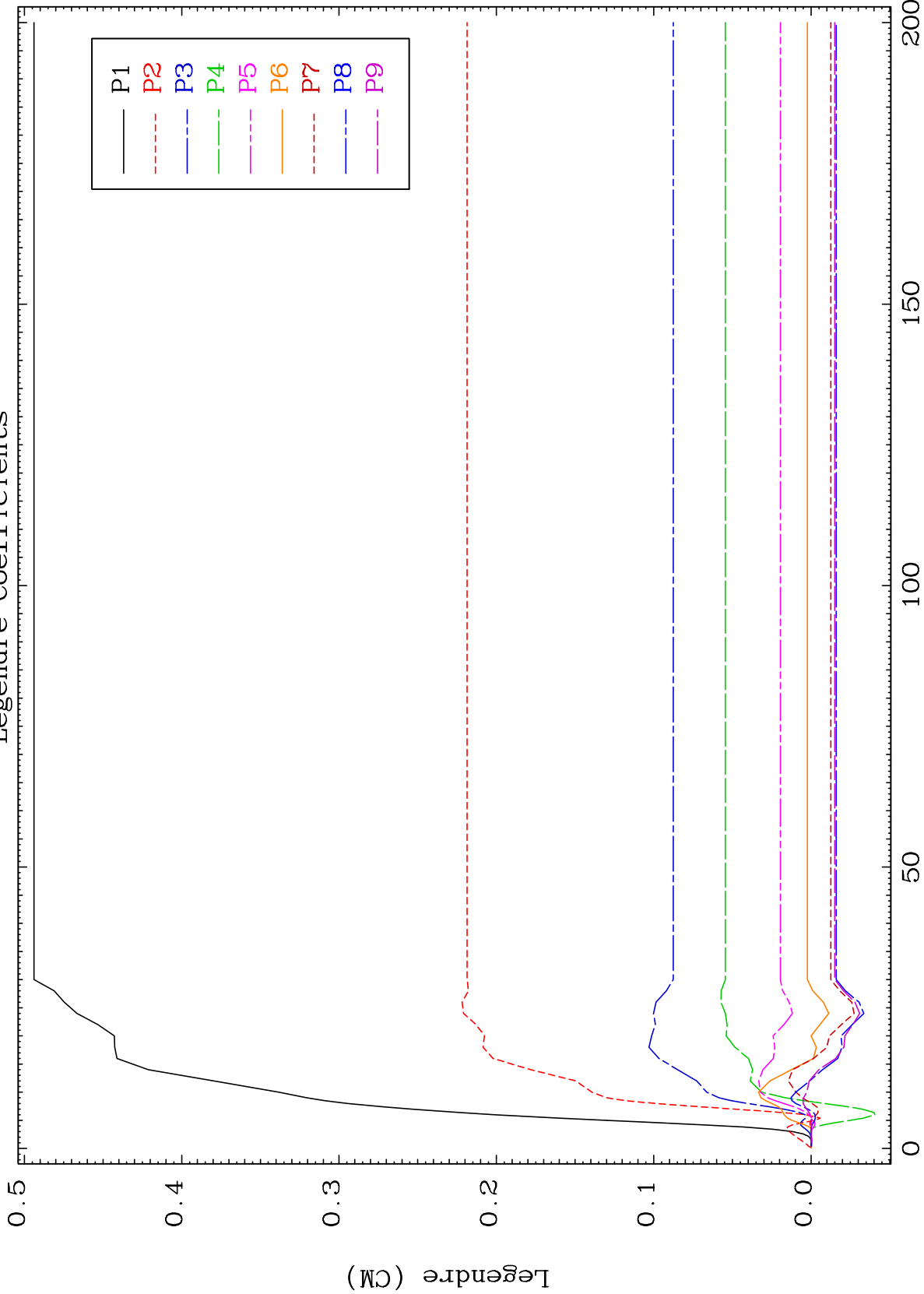
74-W -181

MAT 7428

MT= 51 (n,n') Level

74-W -181

Legendre Coefficients



21

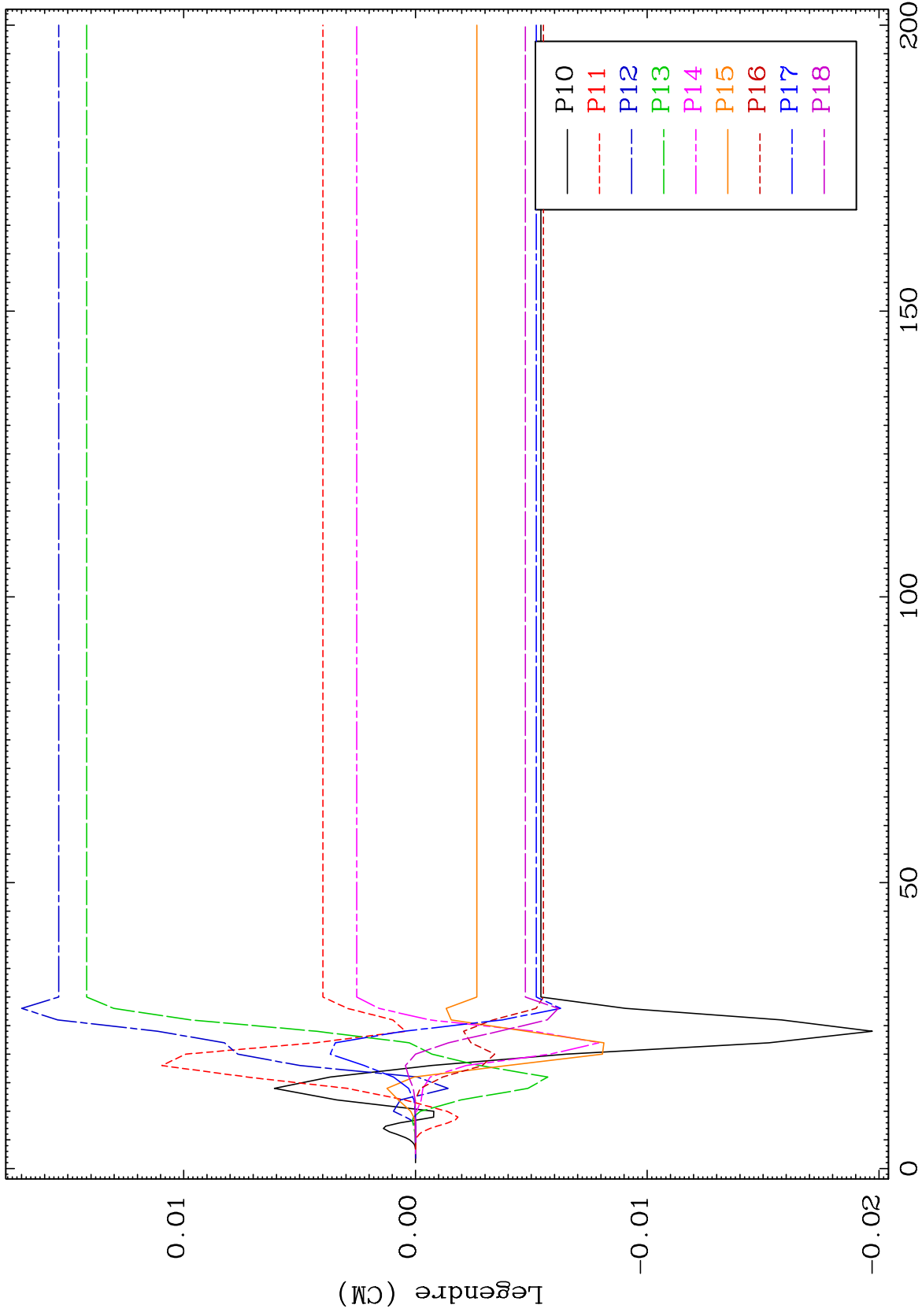
Incident Energy (MeV)

74-W -181

MAT 7428

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

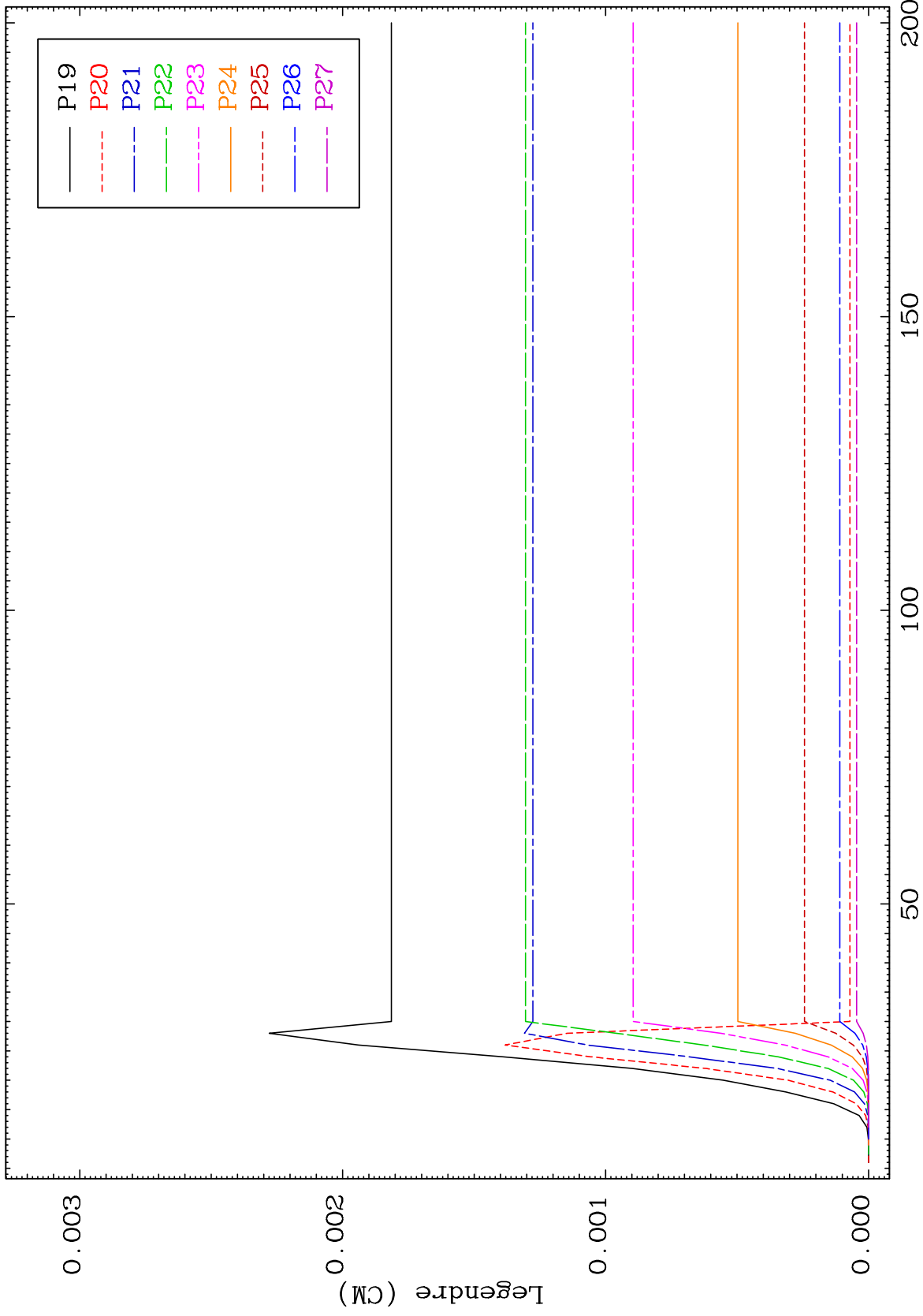
74-W -181

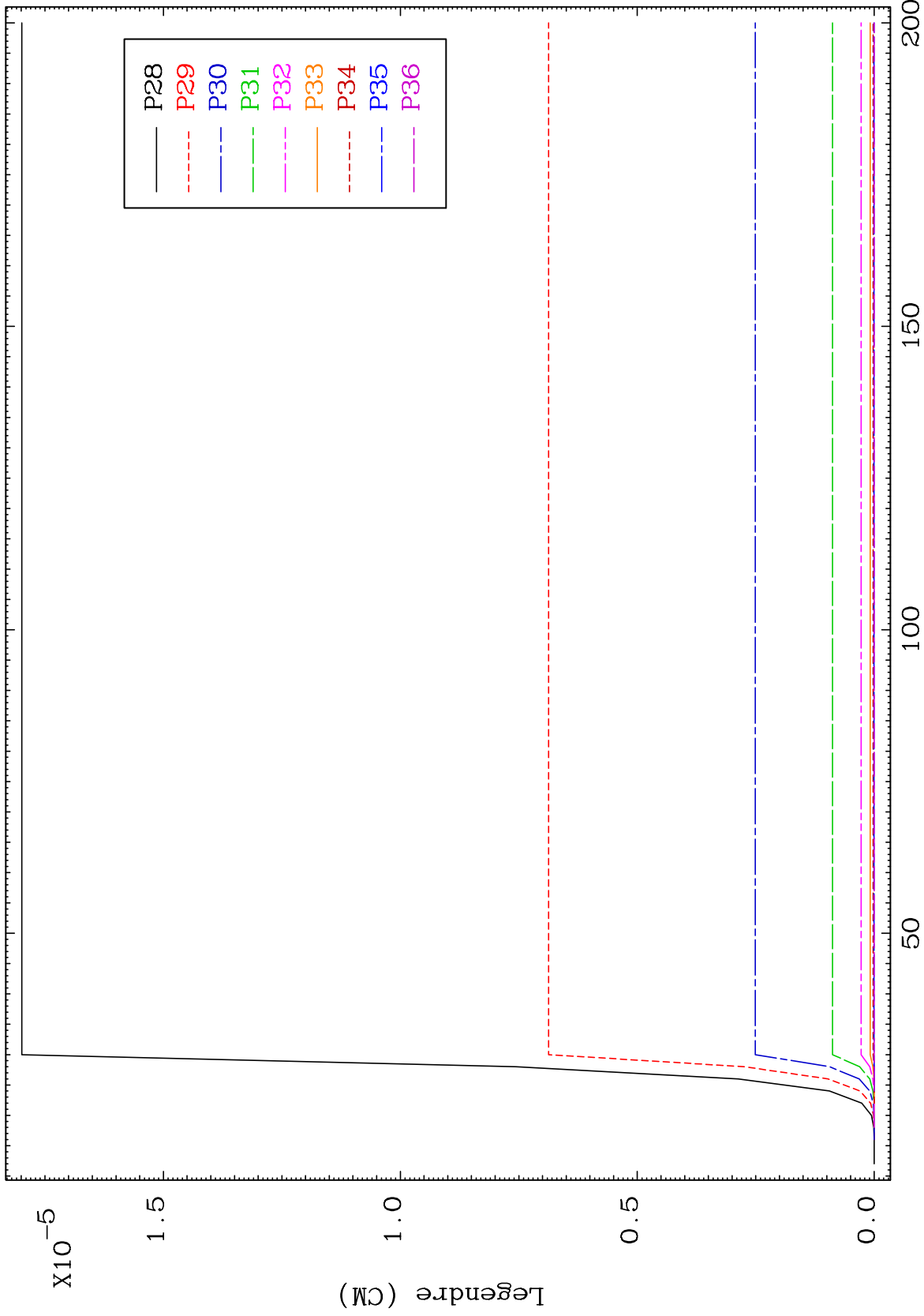


22

Incident Energy (MeV)

74-W -181

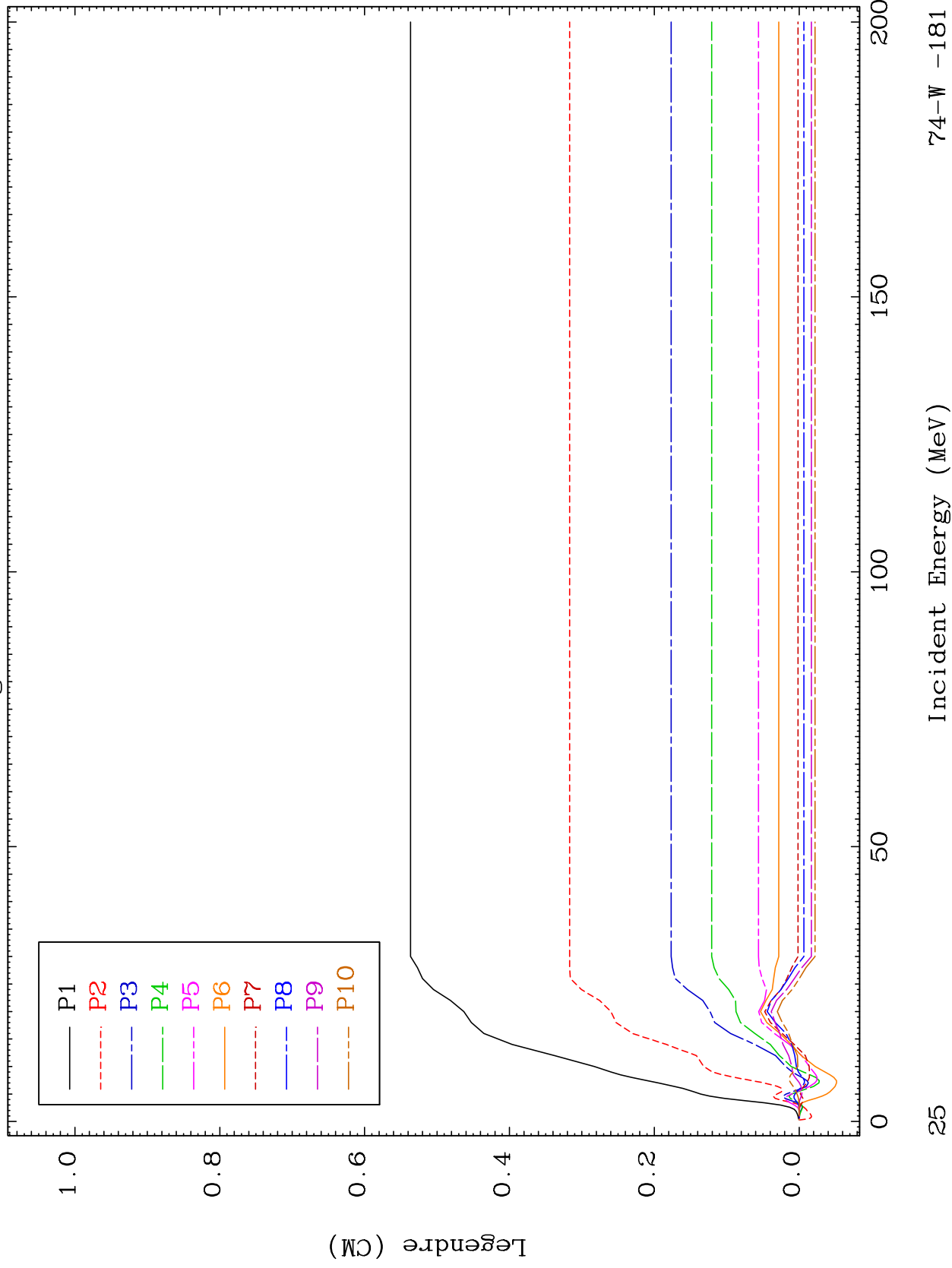


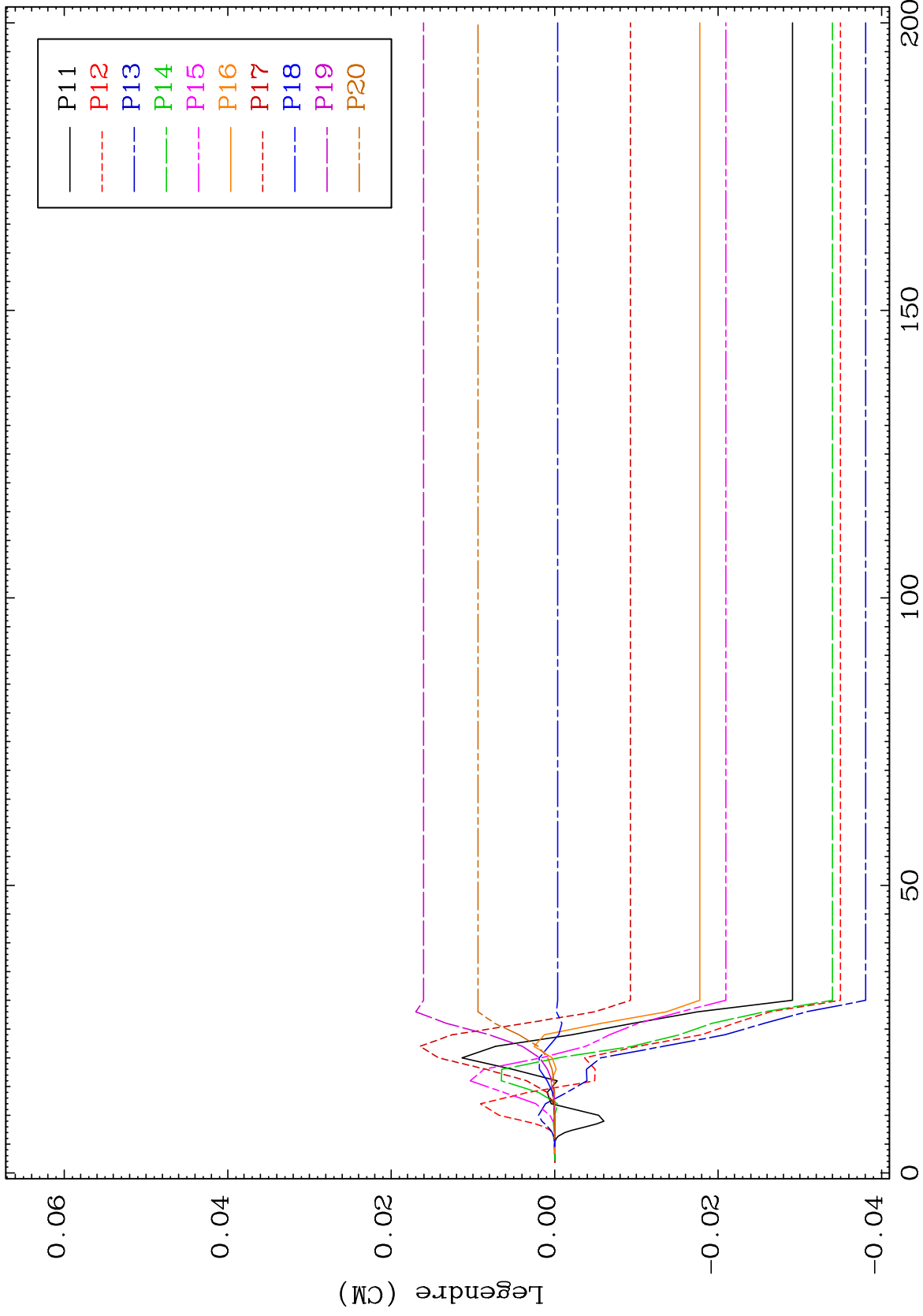


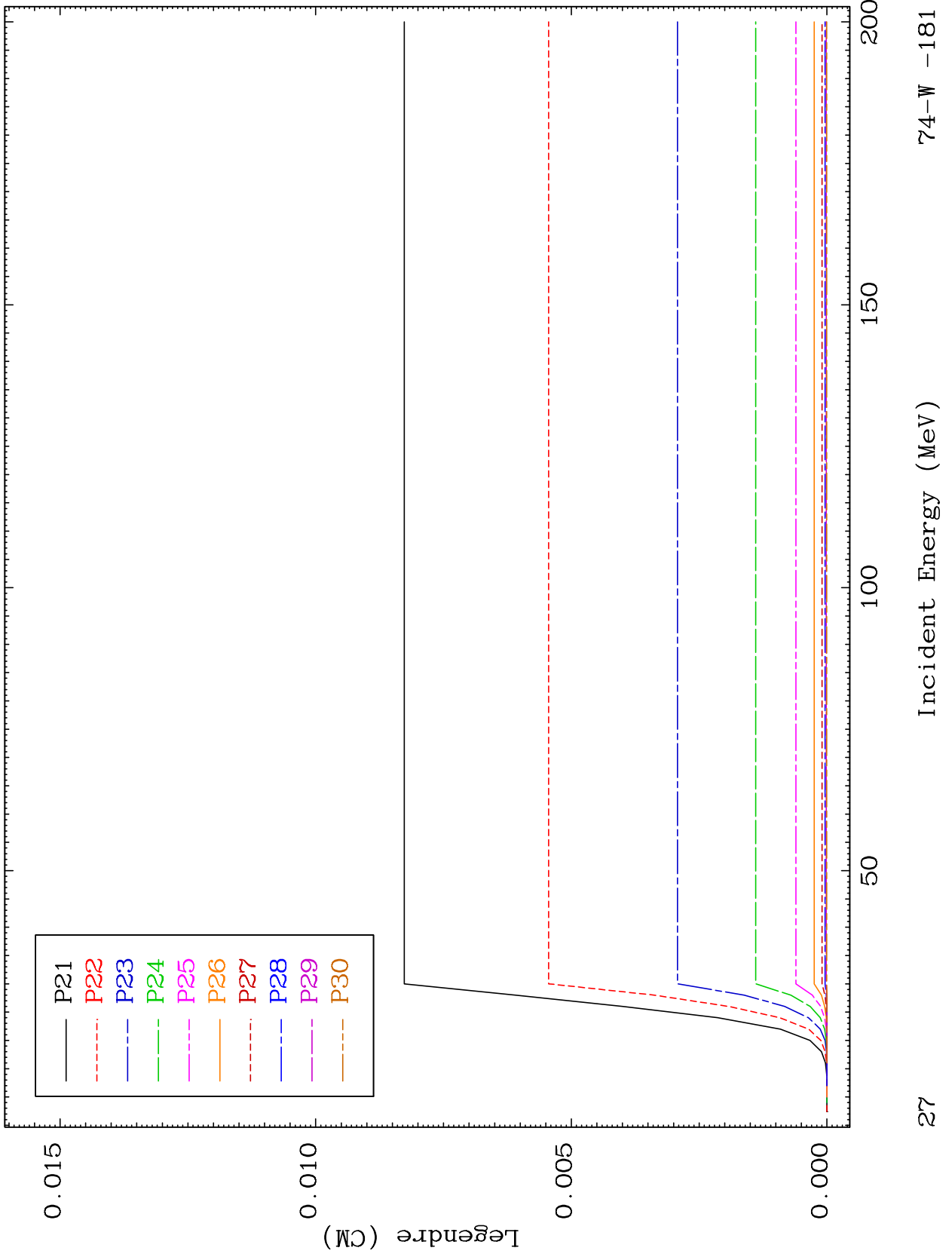
MAT 7428

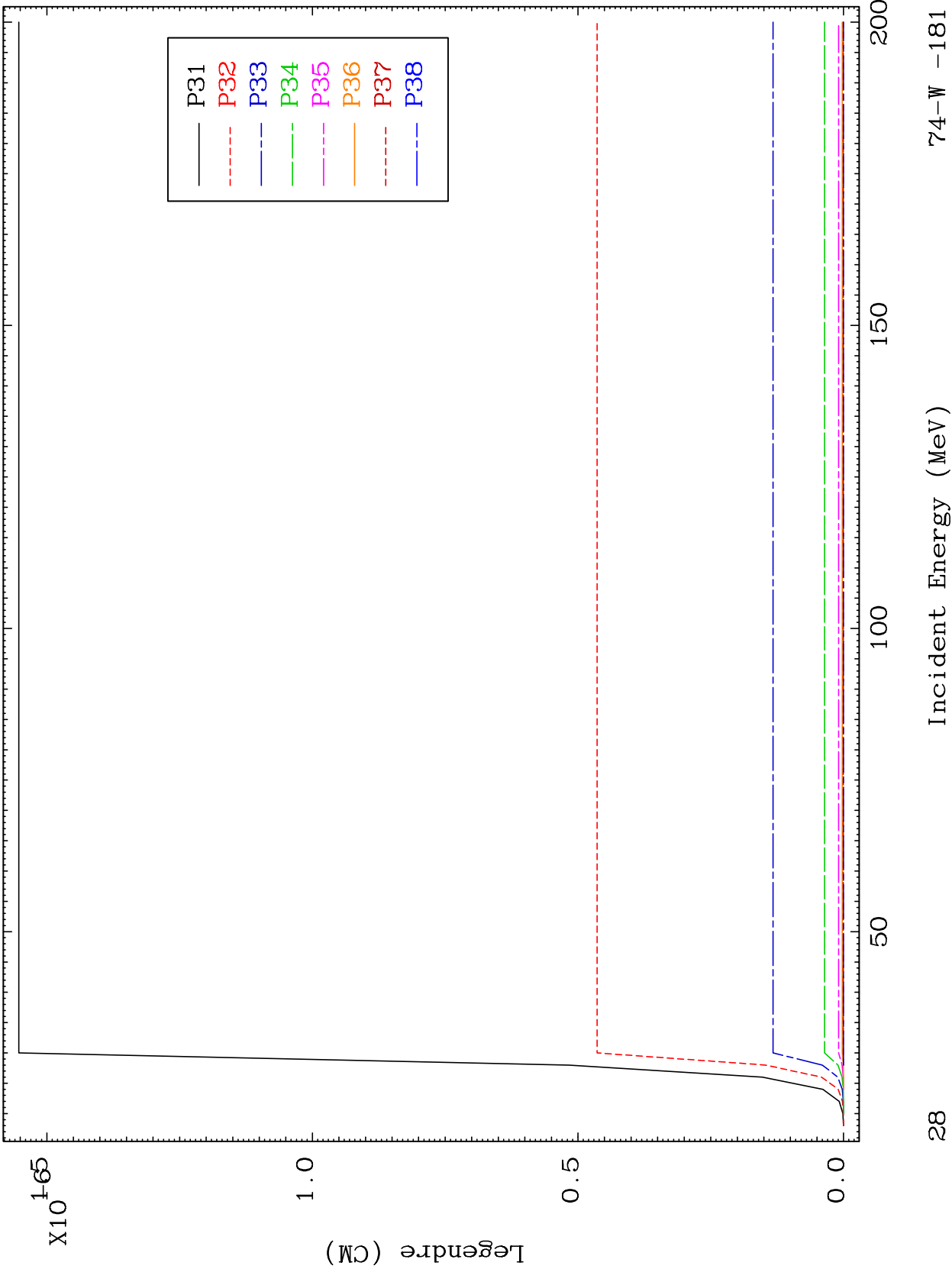
MT= 52 (n,n') Level
Legendre Coefficients

74-W -181





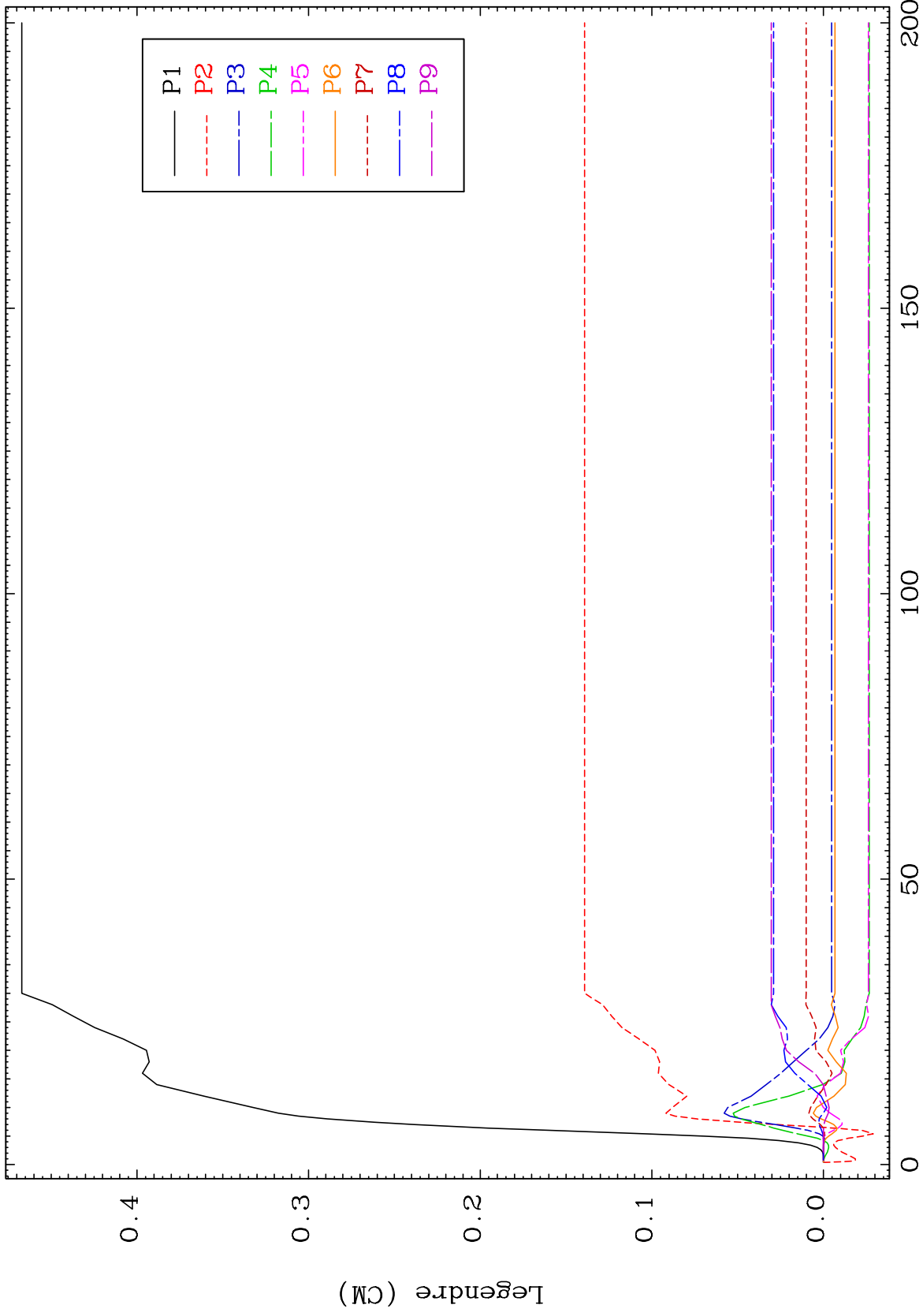




MAT 7428

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

74-W -181



29

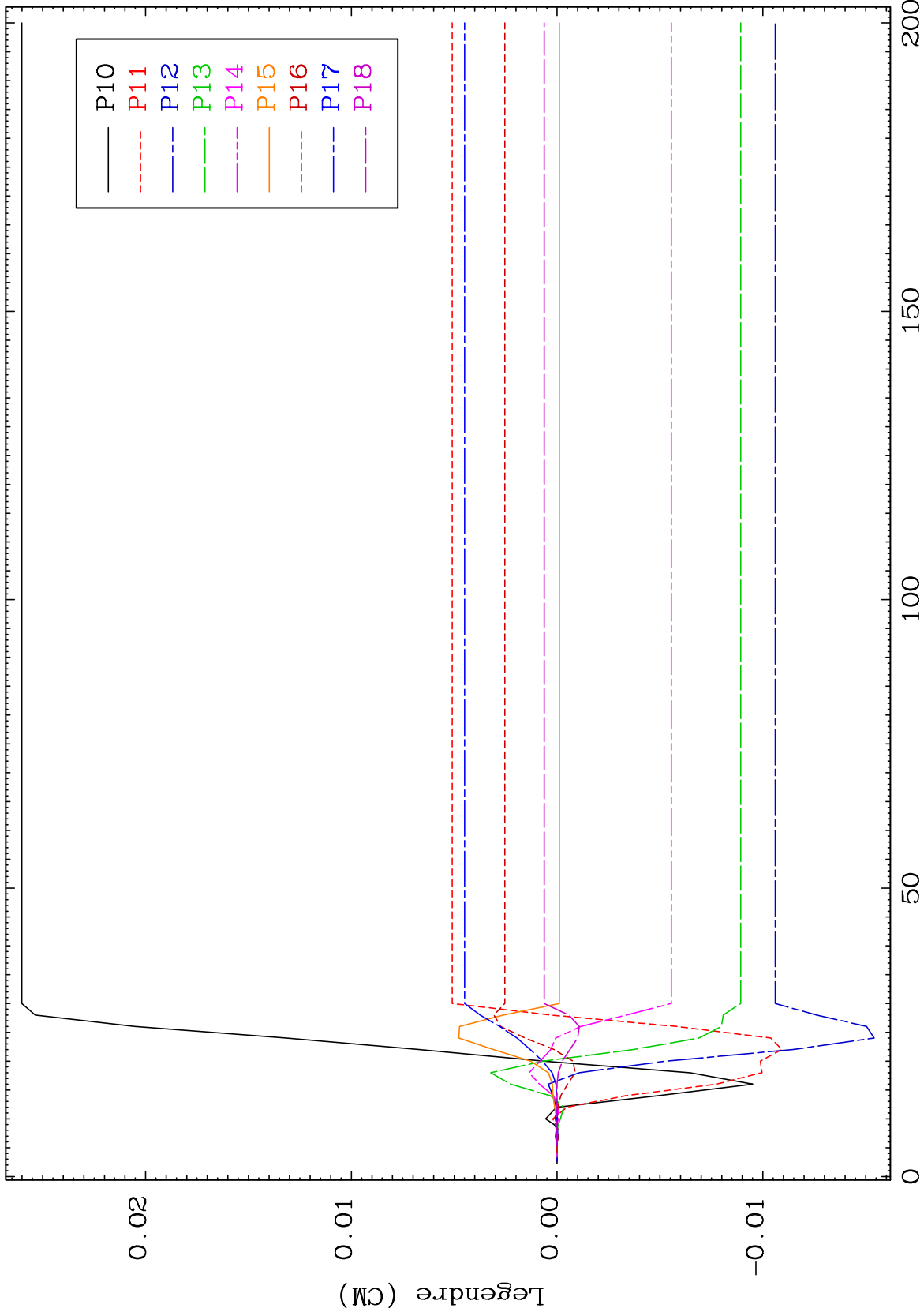
Incident Energy (MeV)

74-W -181

MAT 7428

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

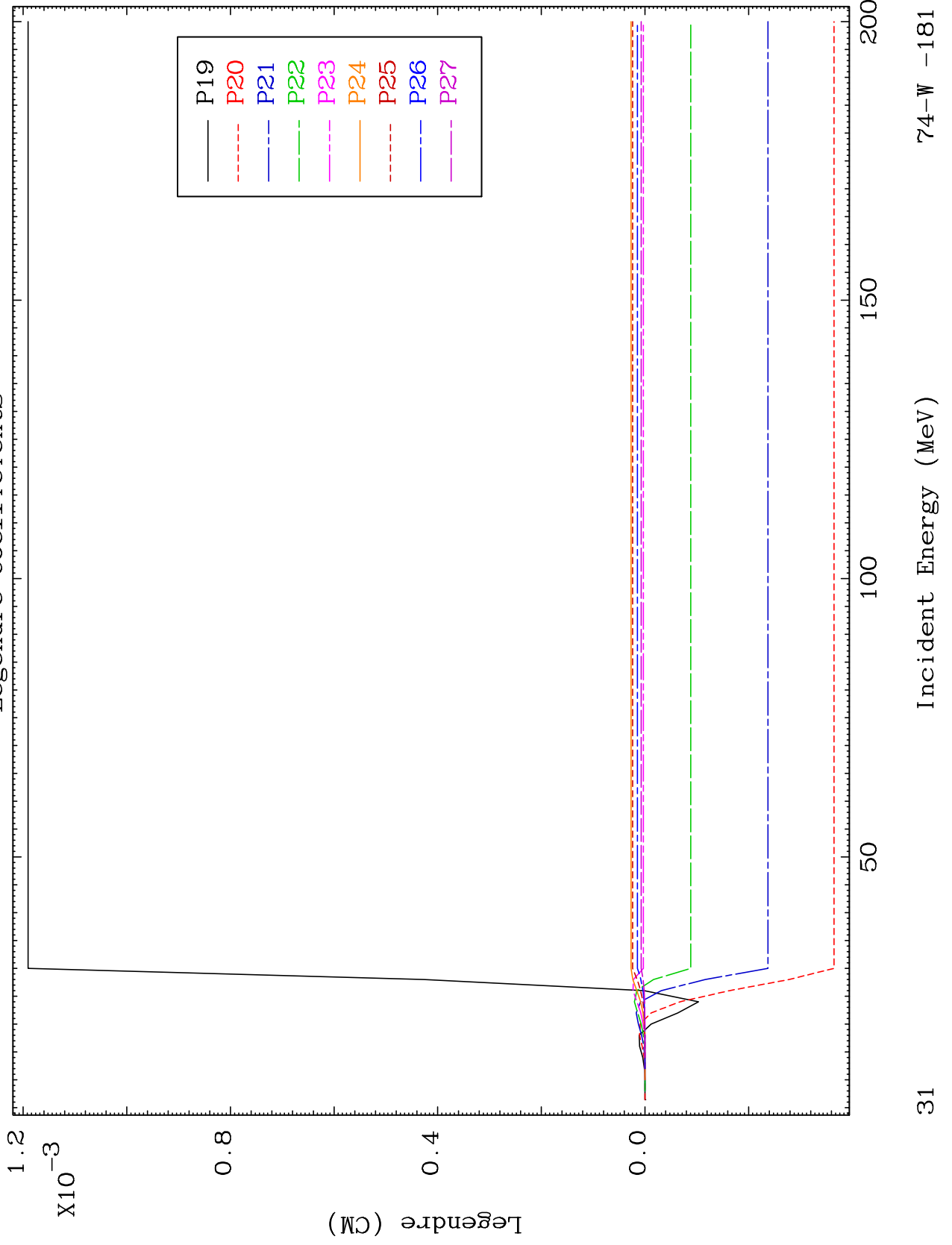
74-W -181



Incident Energy (MeV)

74-W -181

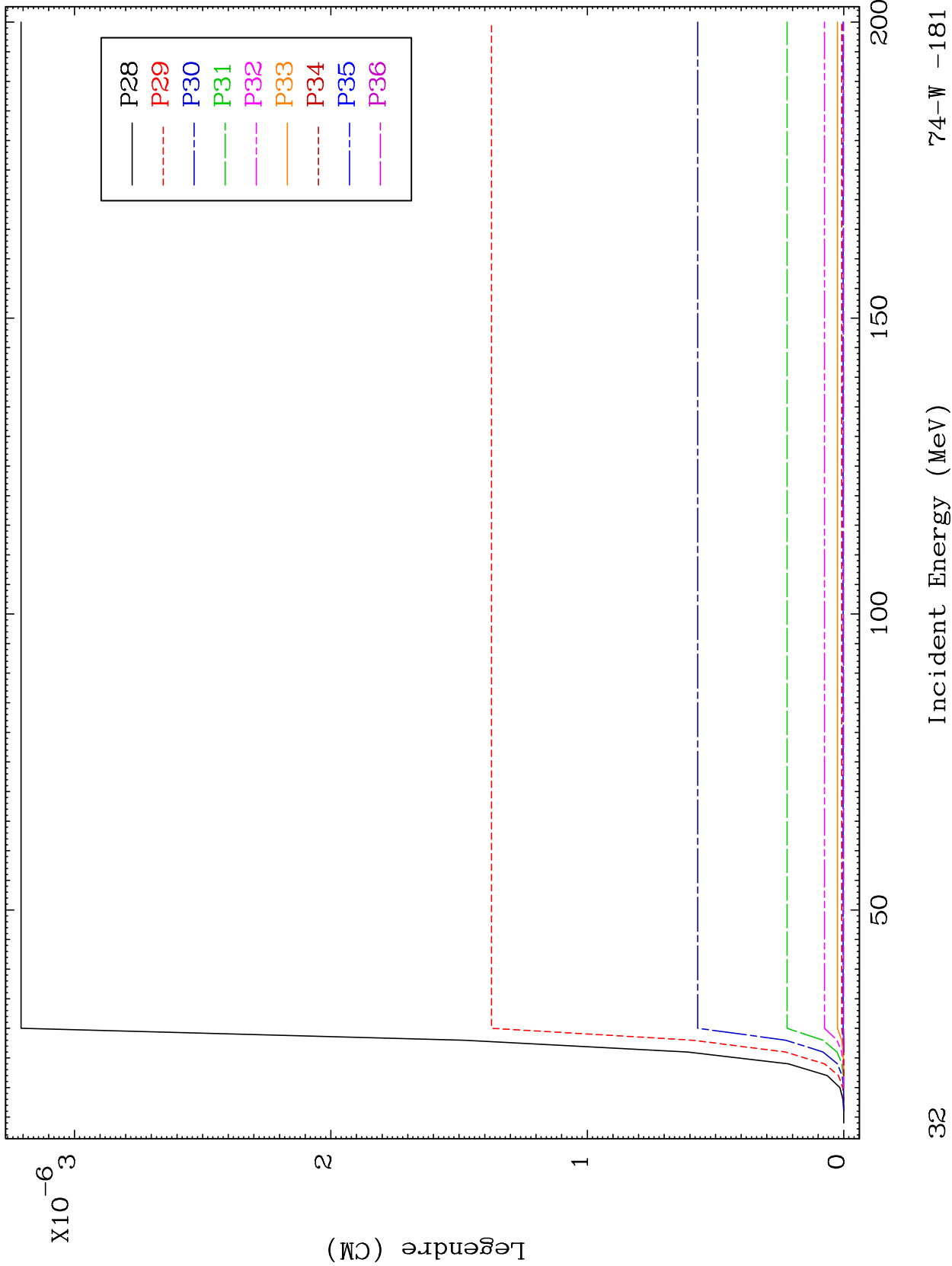
30



MAT 7428

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

74-W -181



32

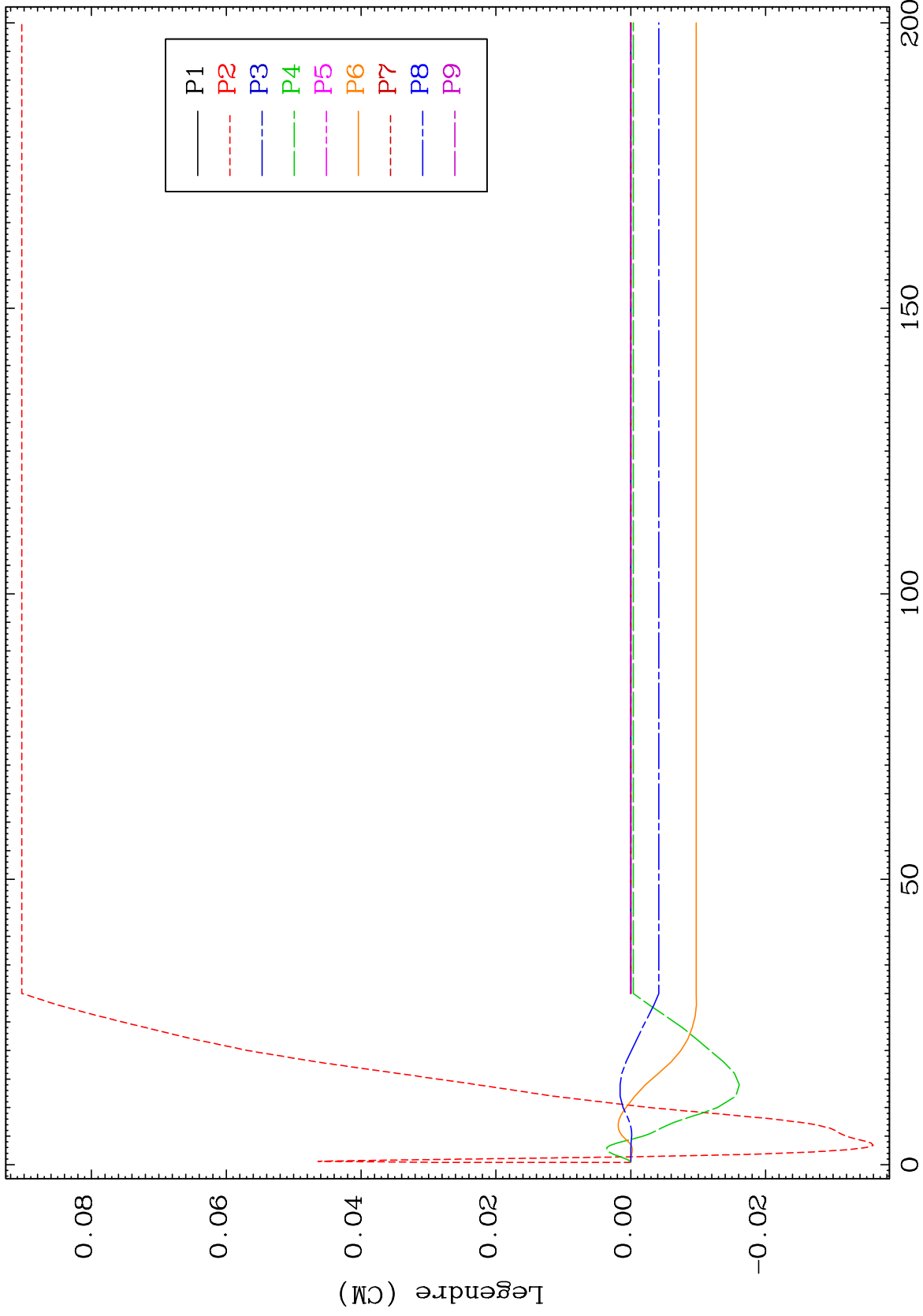
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



33

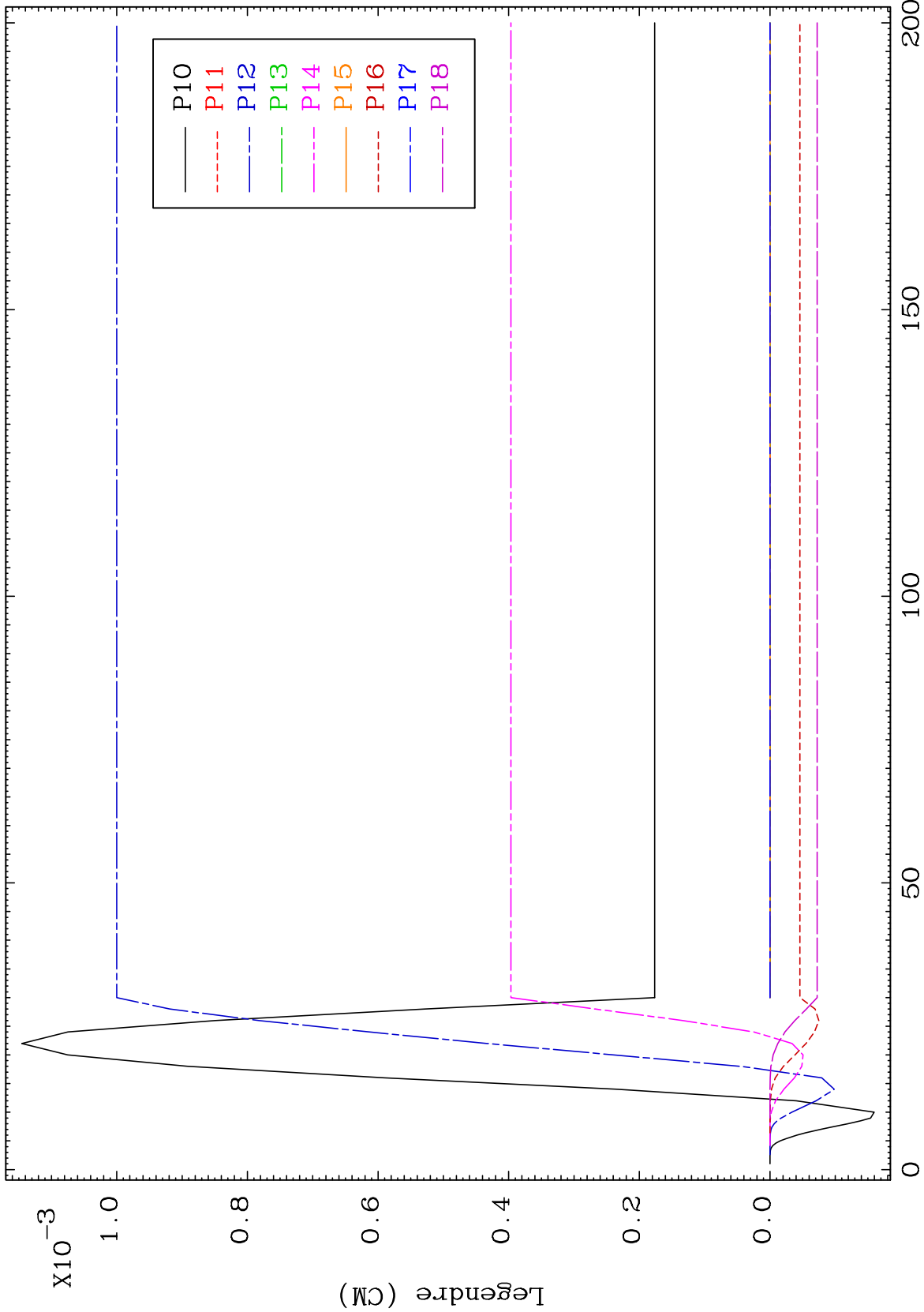
Incident Energy (MeV)

74-W -181

MAT 7428

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

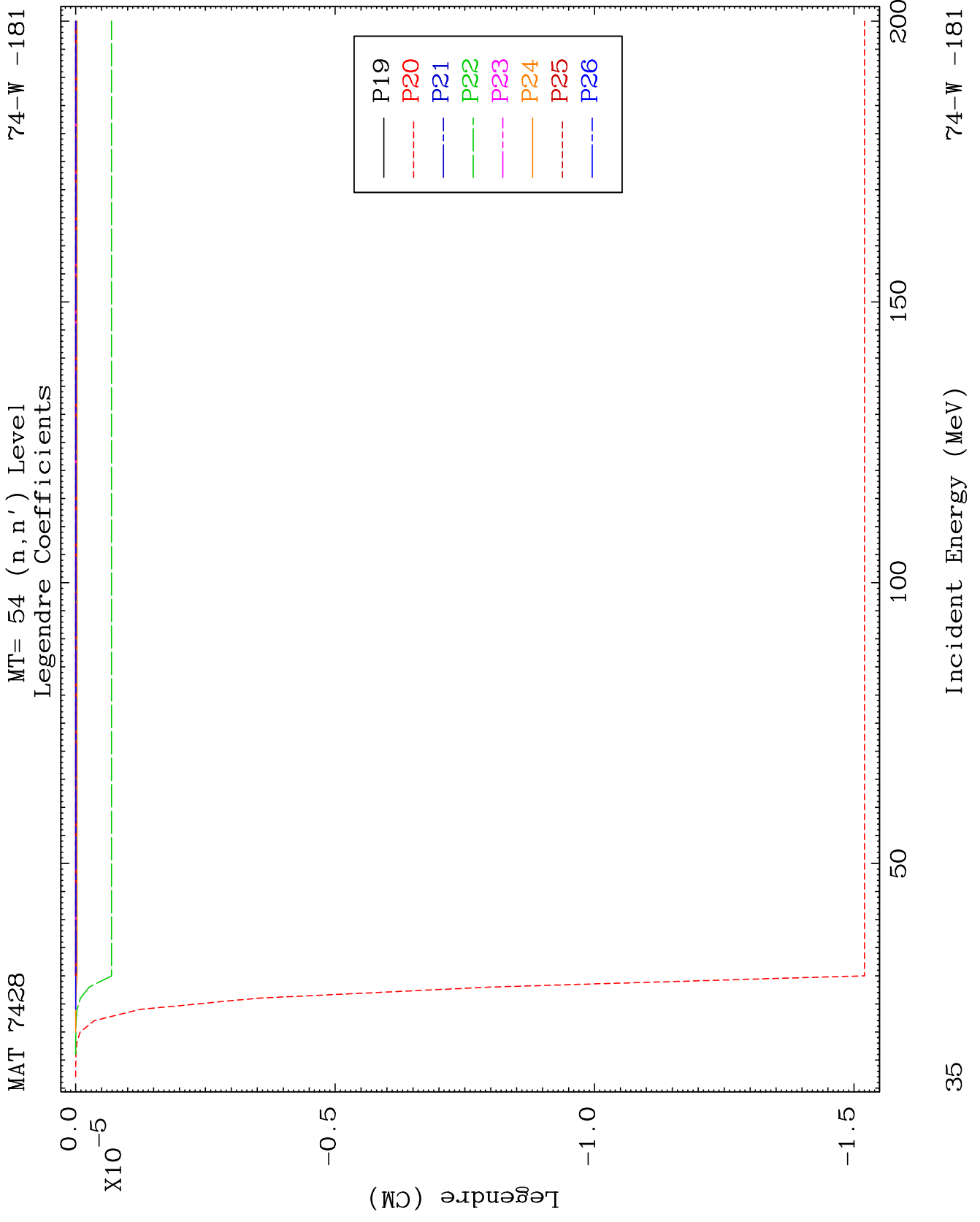
74-W -181



34

Incident Energy (MeV)

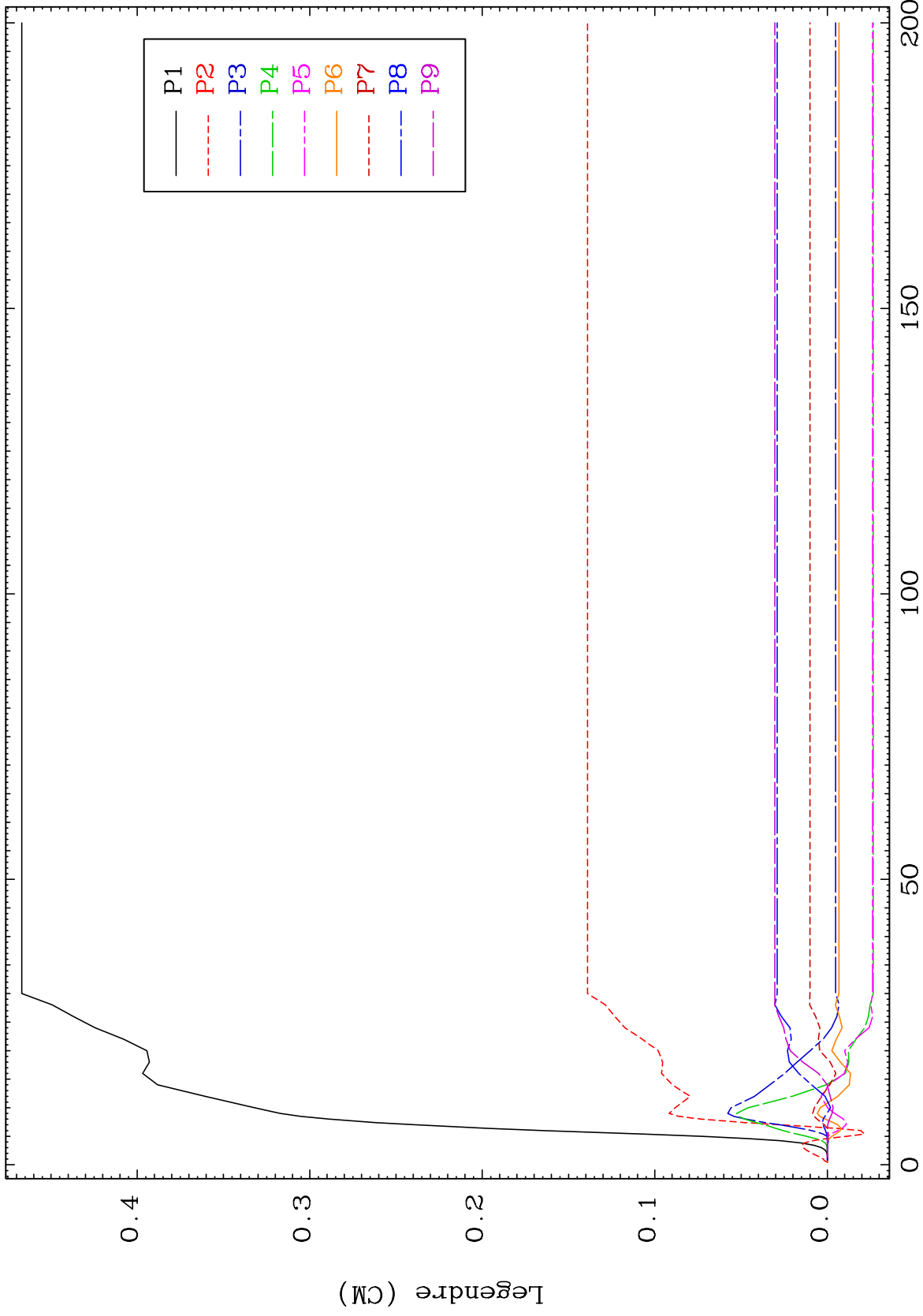
74-W -181



MAT 7428

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

74-W -181



36

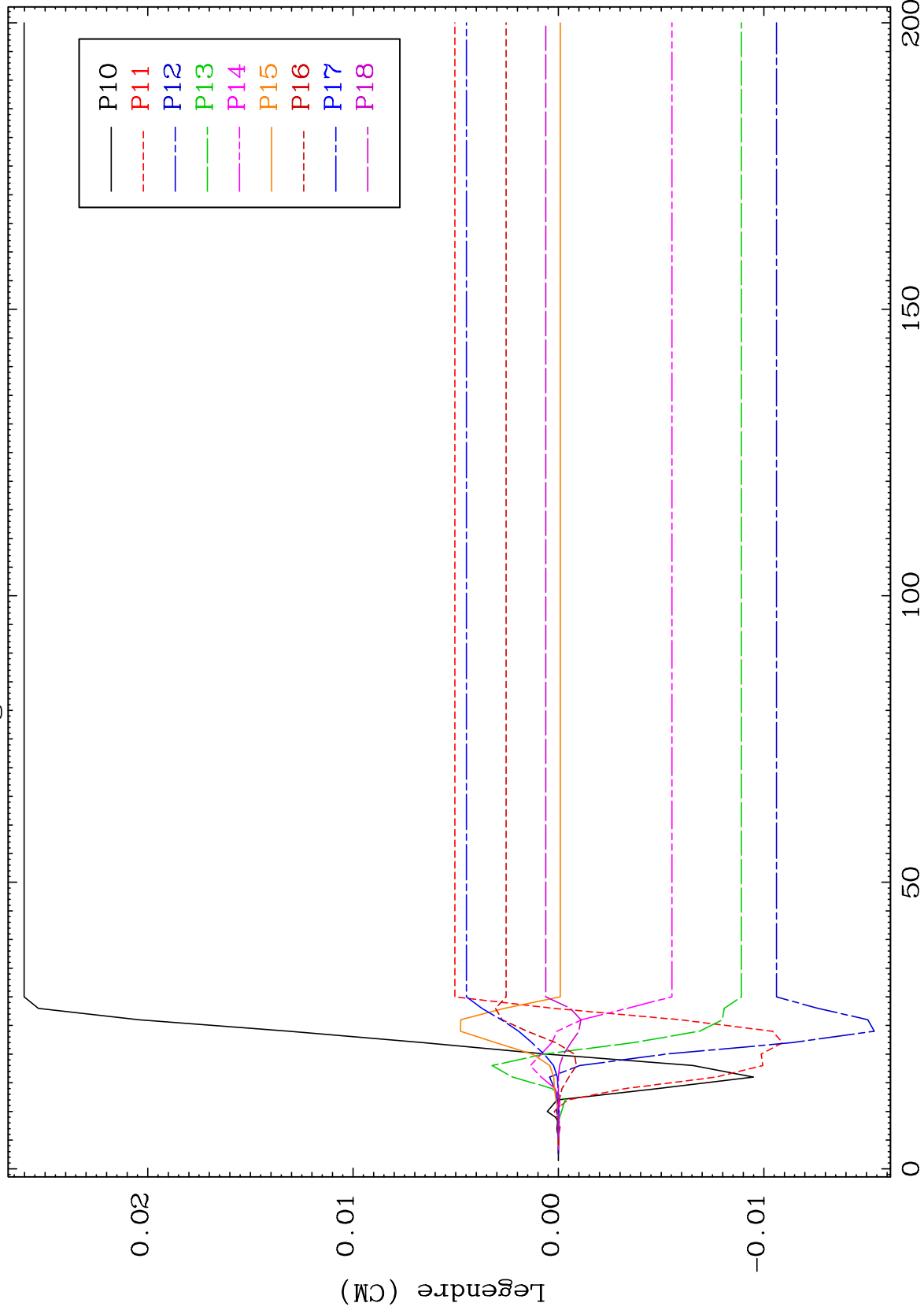
Incident Energy (MeV)

74-W -181

MAT 7428

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

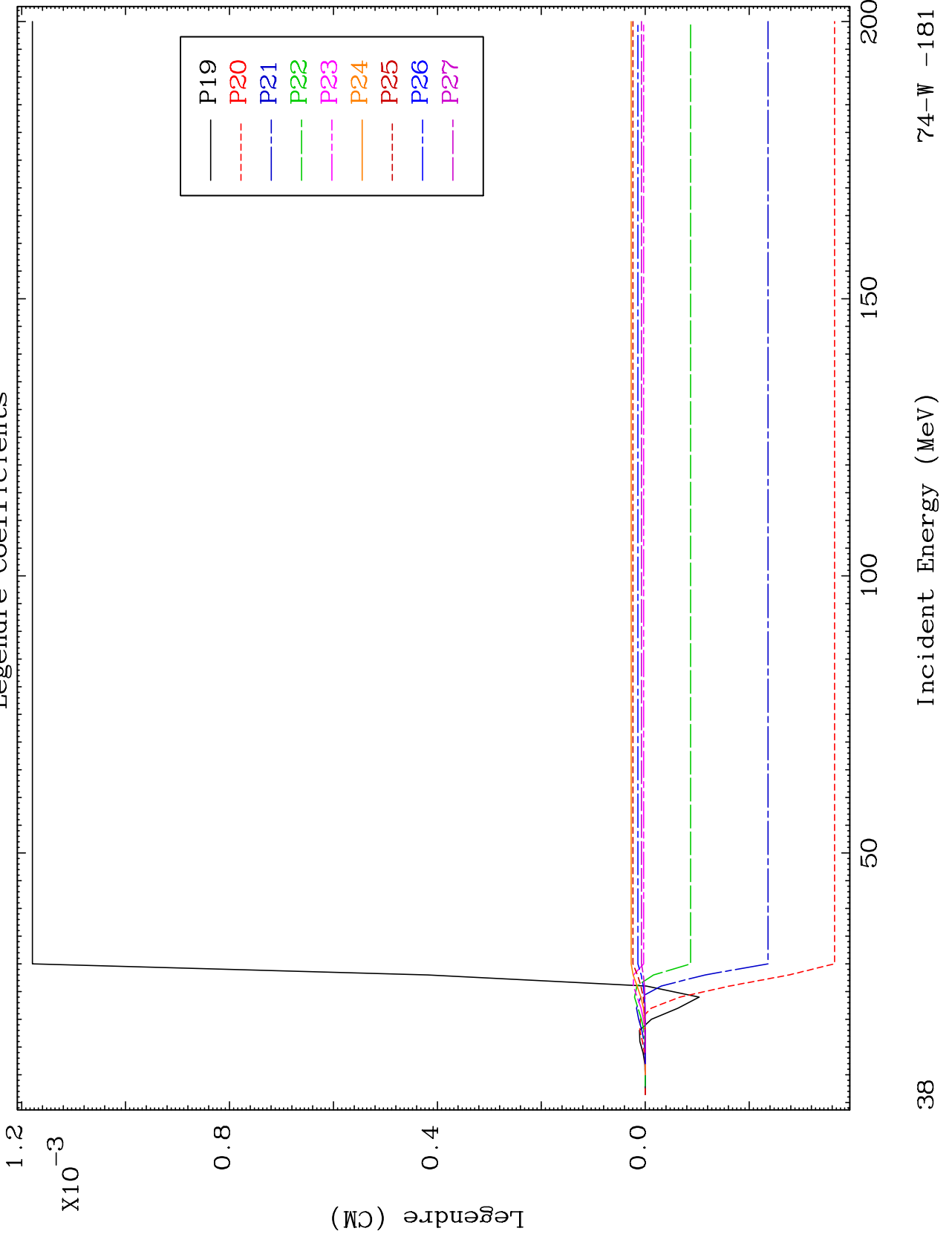
74-W -181



37

Incident Energy (MeV)

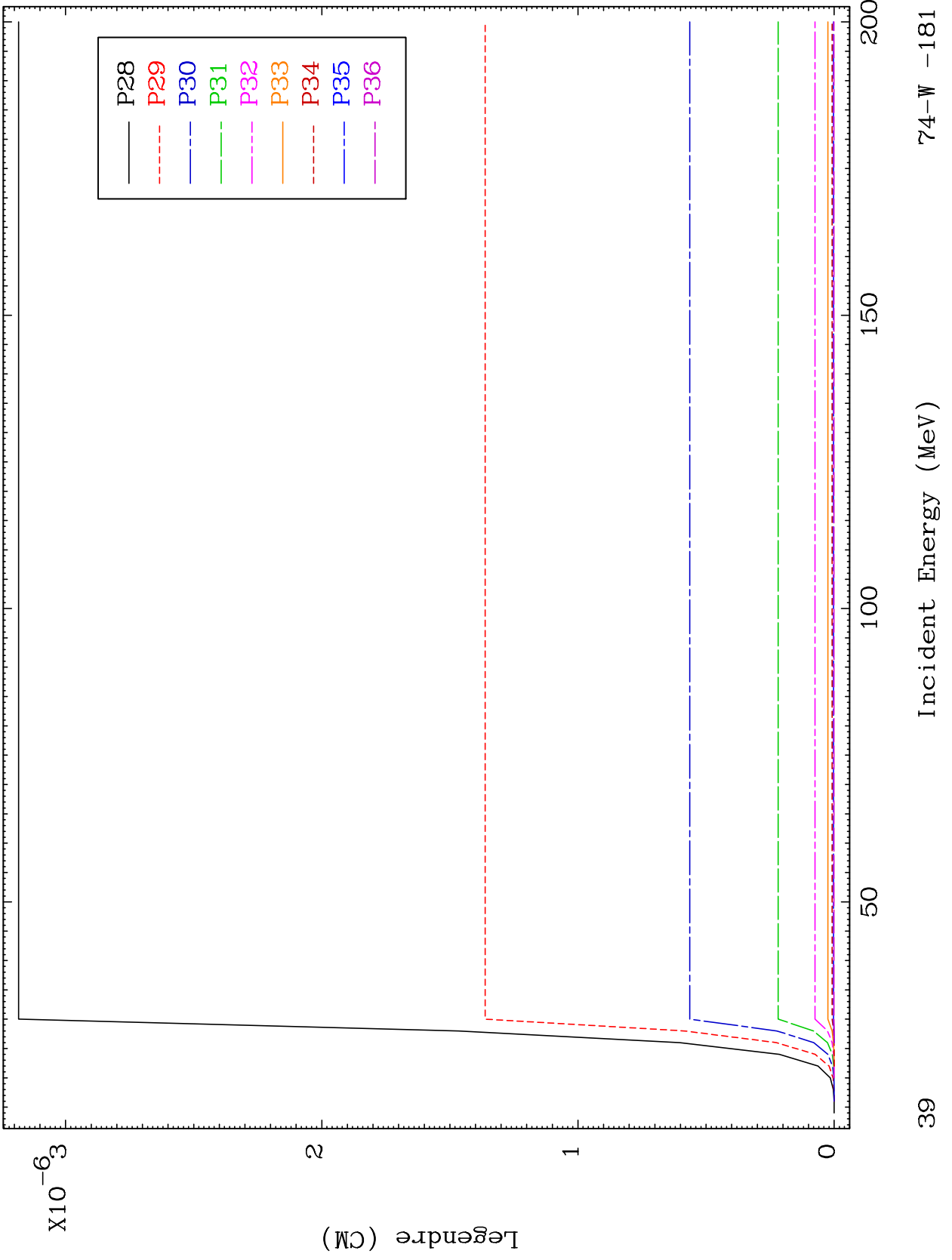
74-W -181



MAT 7428

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

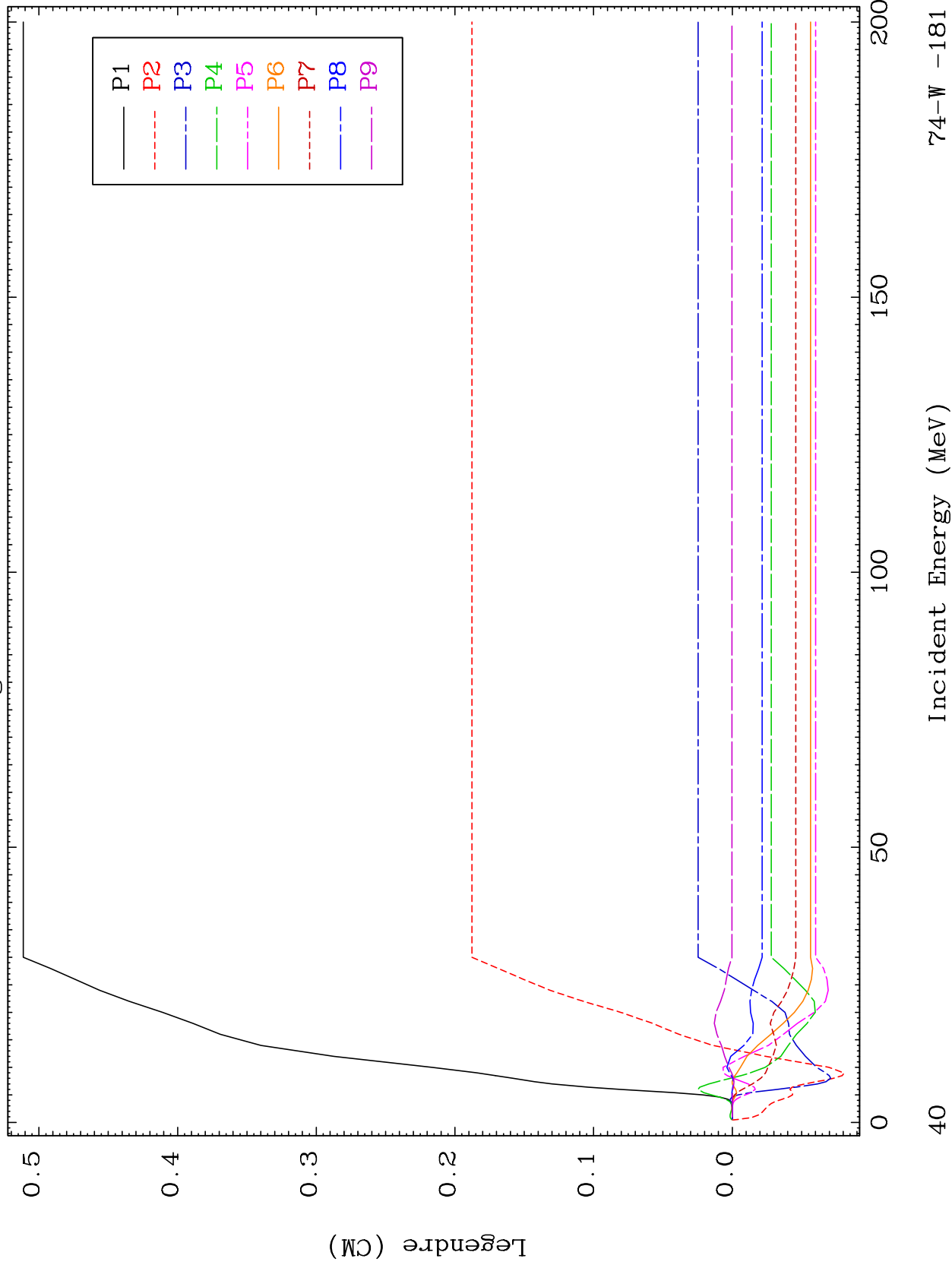
74-W -181



MAT 7428

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

74-W -181



74-W -181

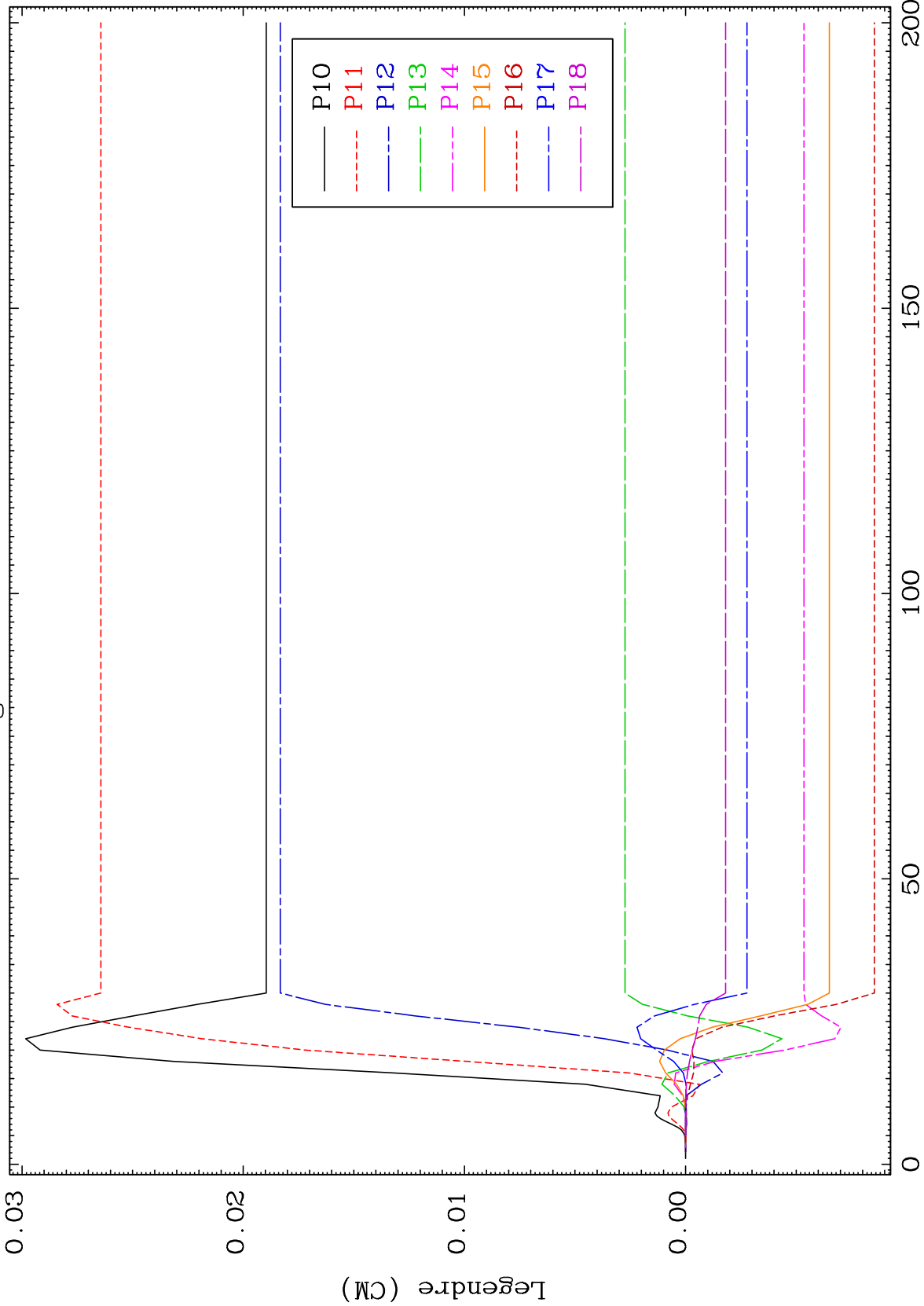
Incident Energy (MeV)

40

MAT 7428

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

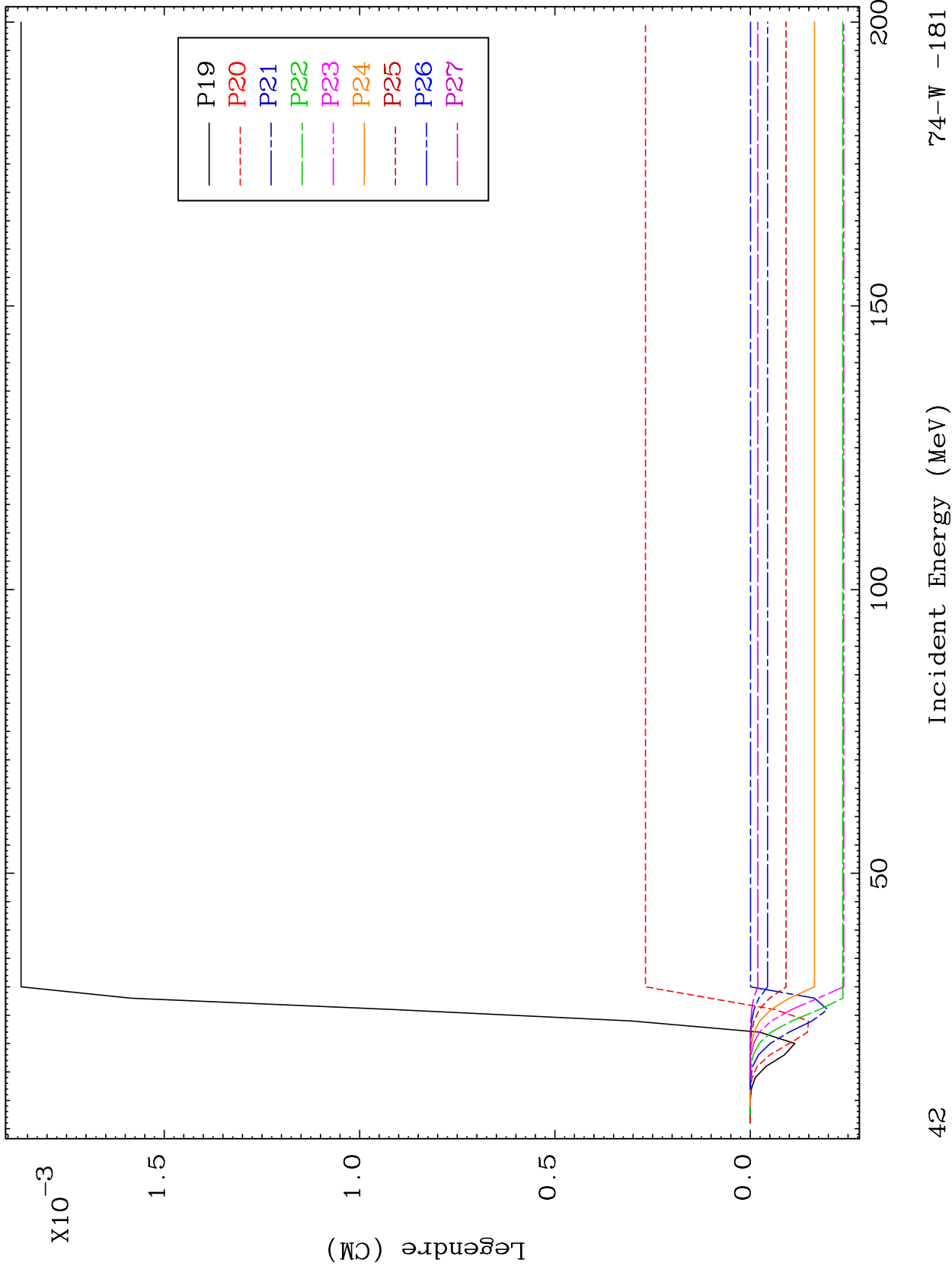
74-W -181



41

Incident Energy (MeV)

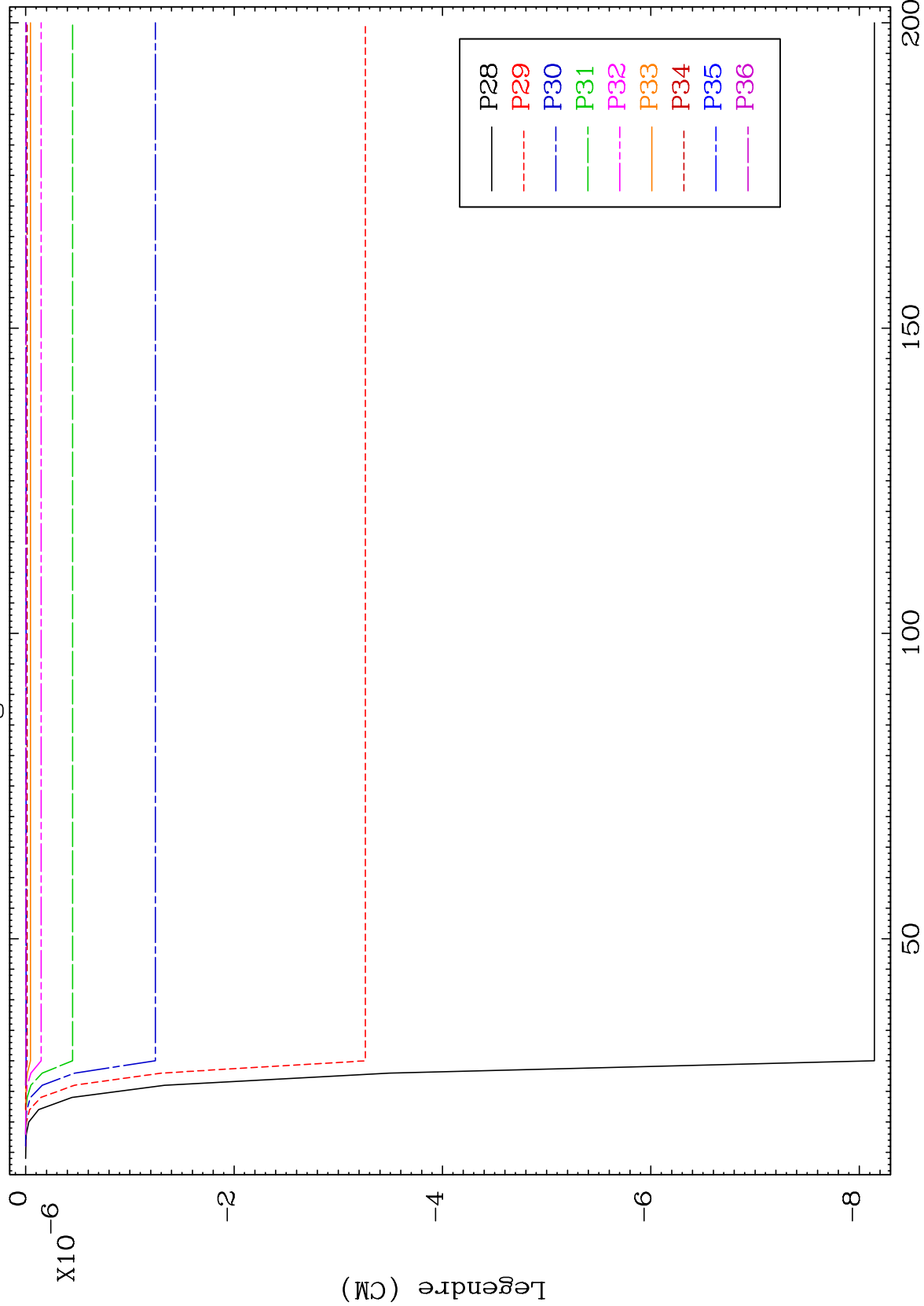
74-W -181



MAT 7428

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

74-W -181



43

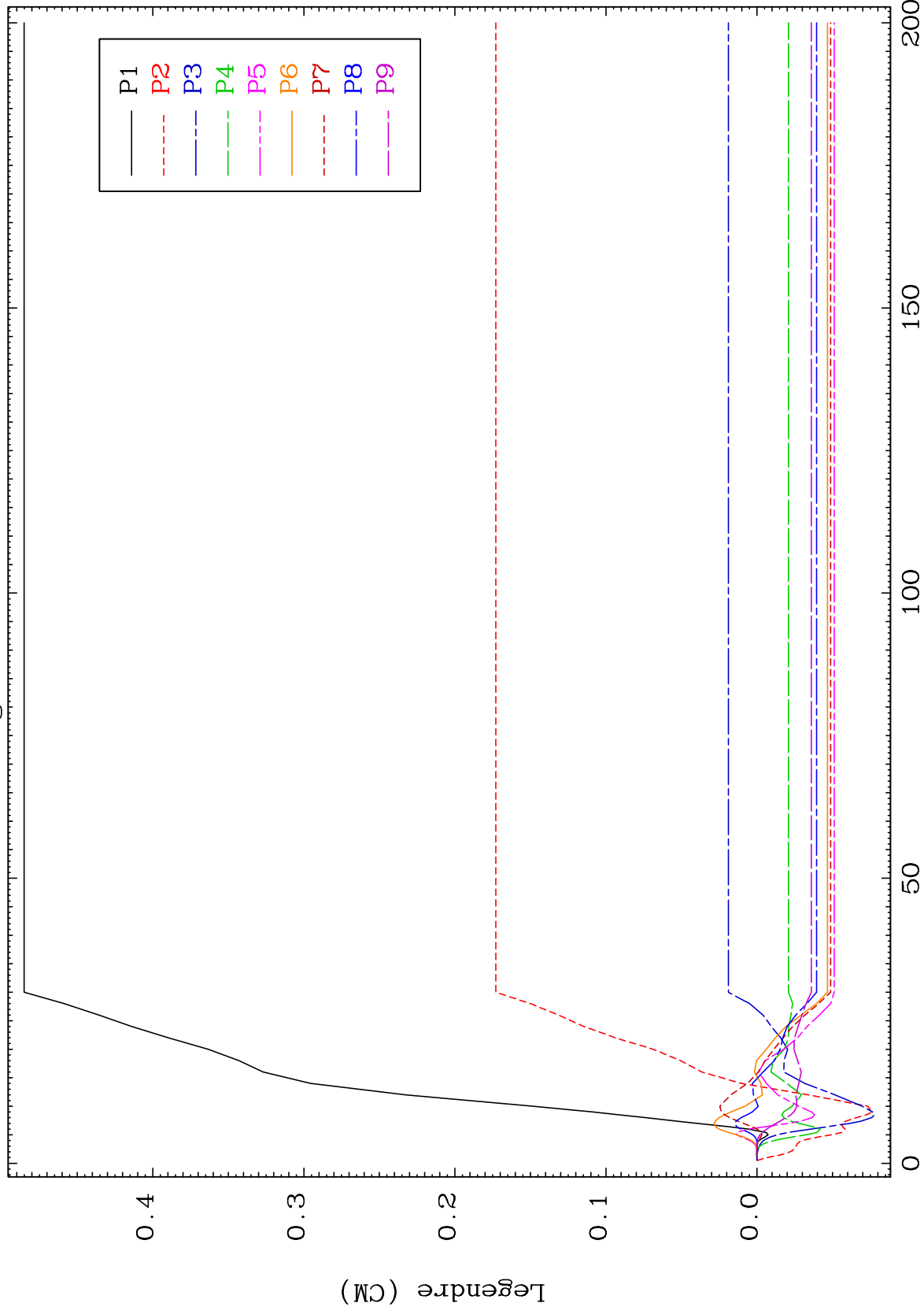
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



44

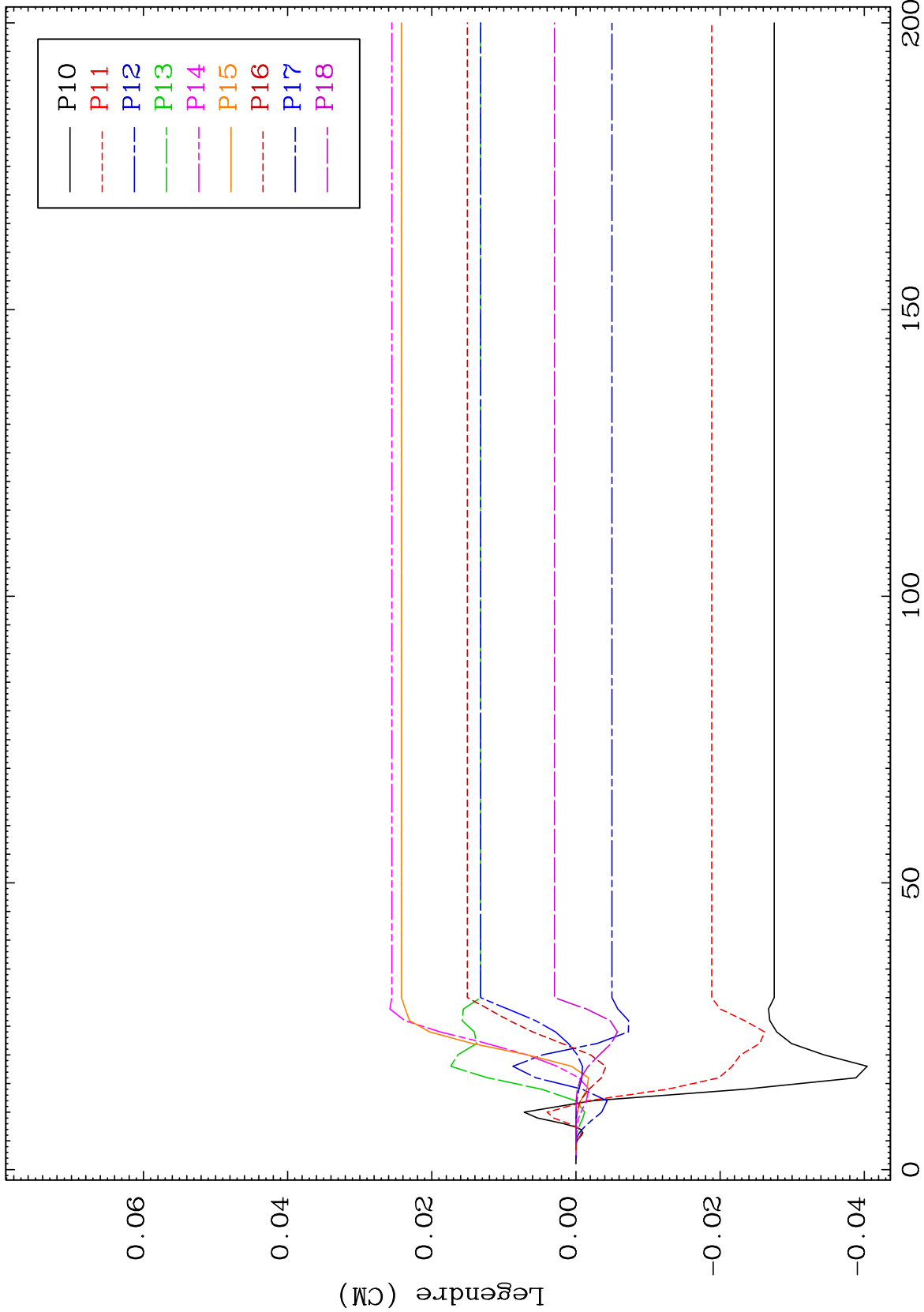
Incident Energy (MeV)

74-W -181

MAT 7428

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

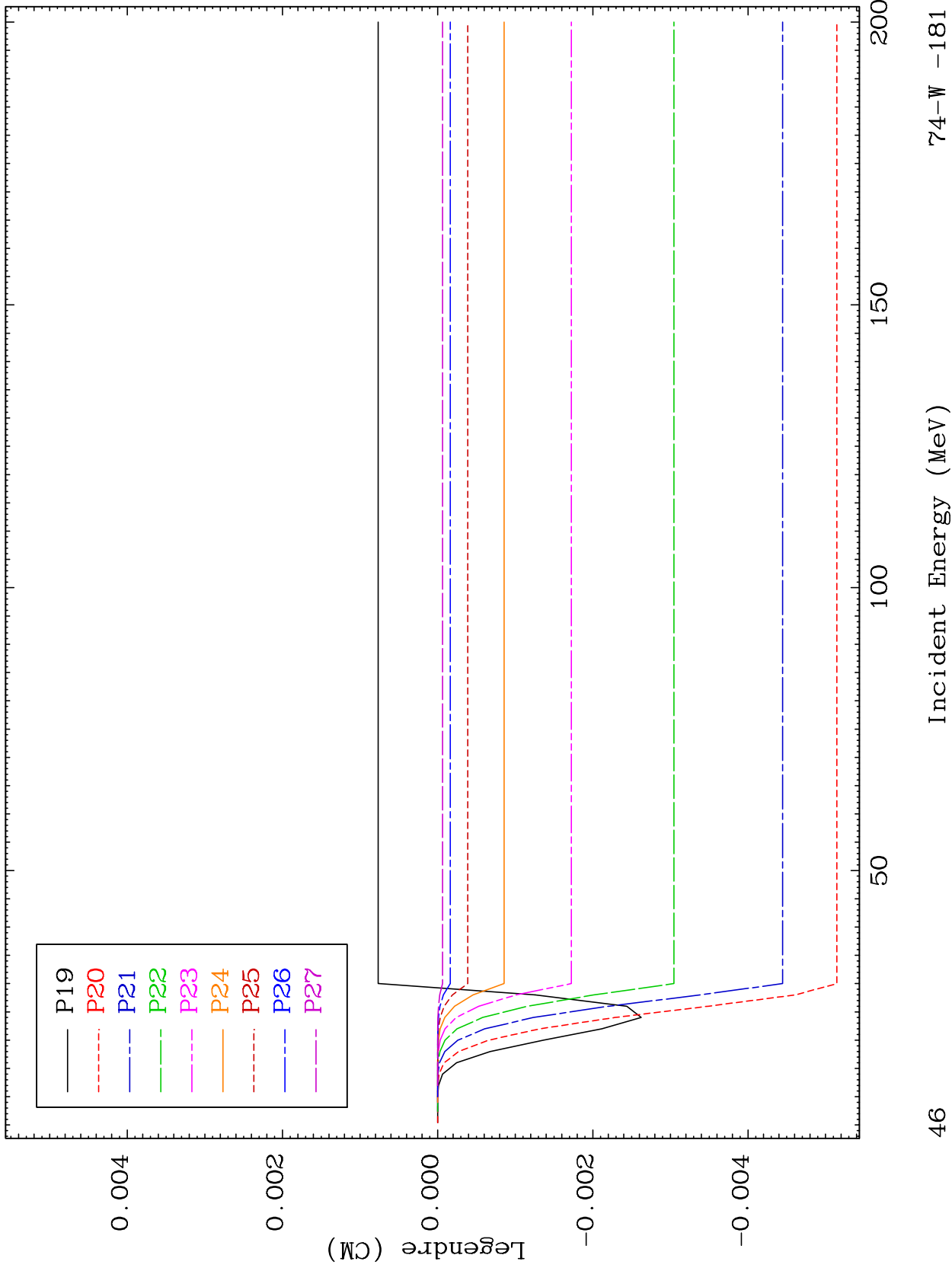
74-W -181

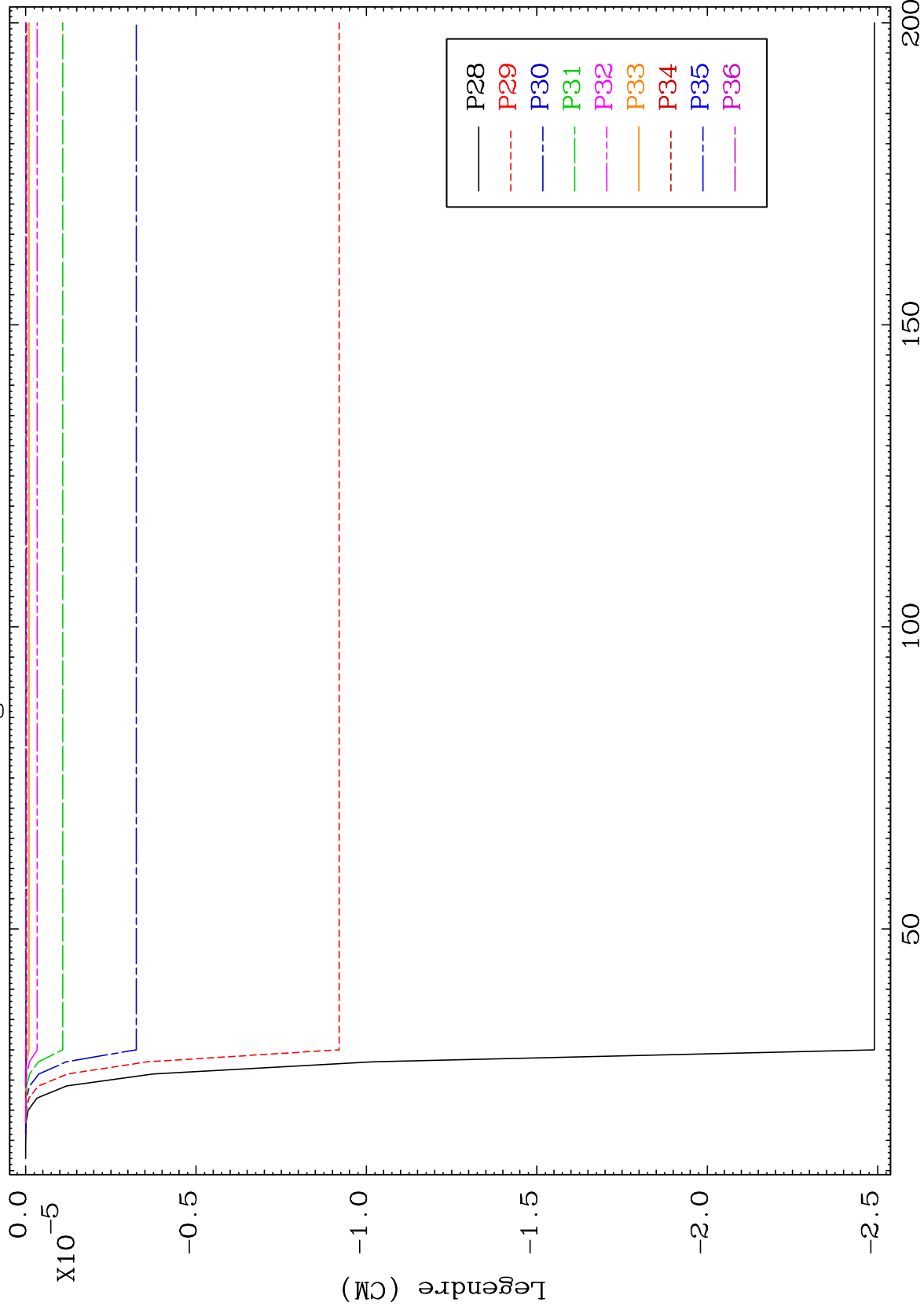


74-W -181

Incident Energy (MeV)

45

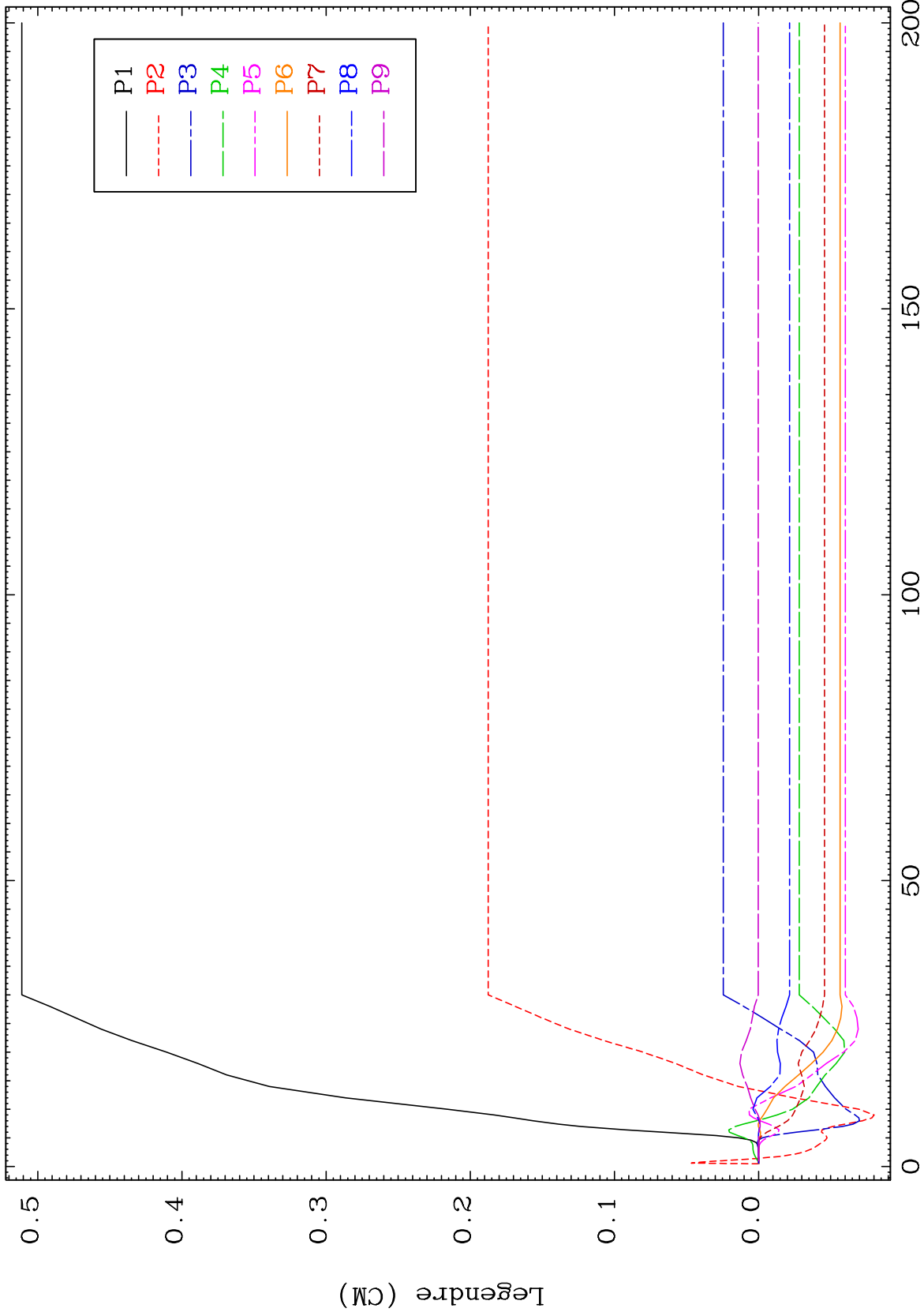




MAT 7428

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

74-W -181



74-W -181

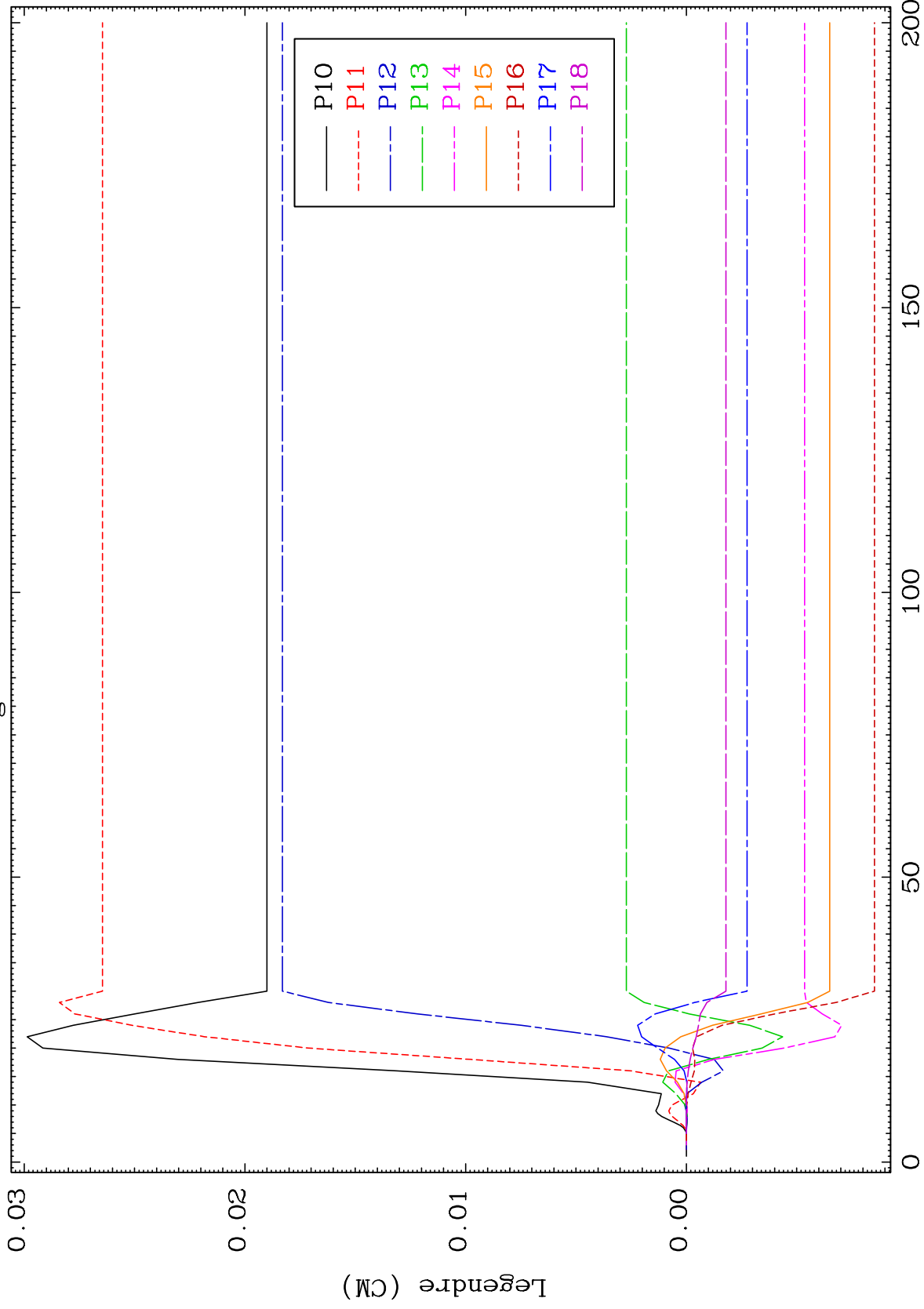
Incident Energy (MeV)

48

MAT 7428

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

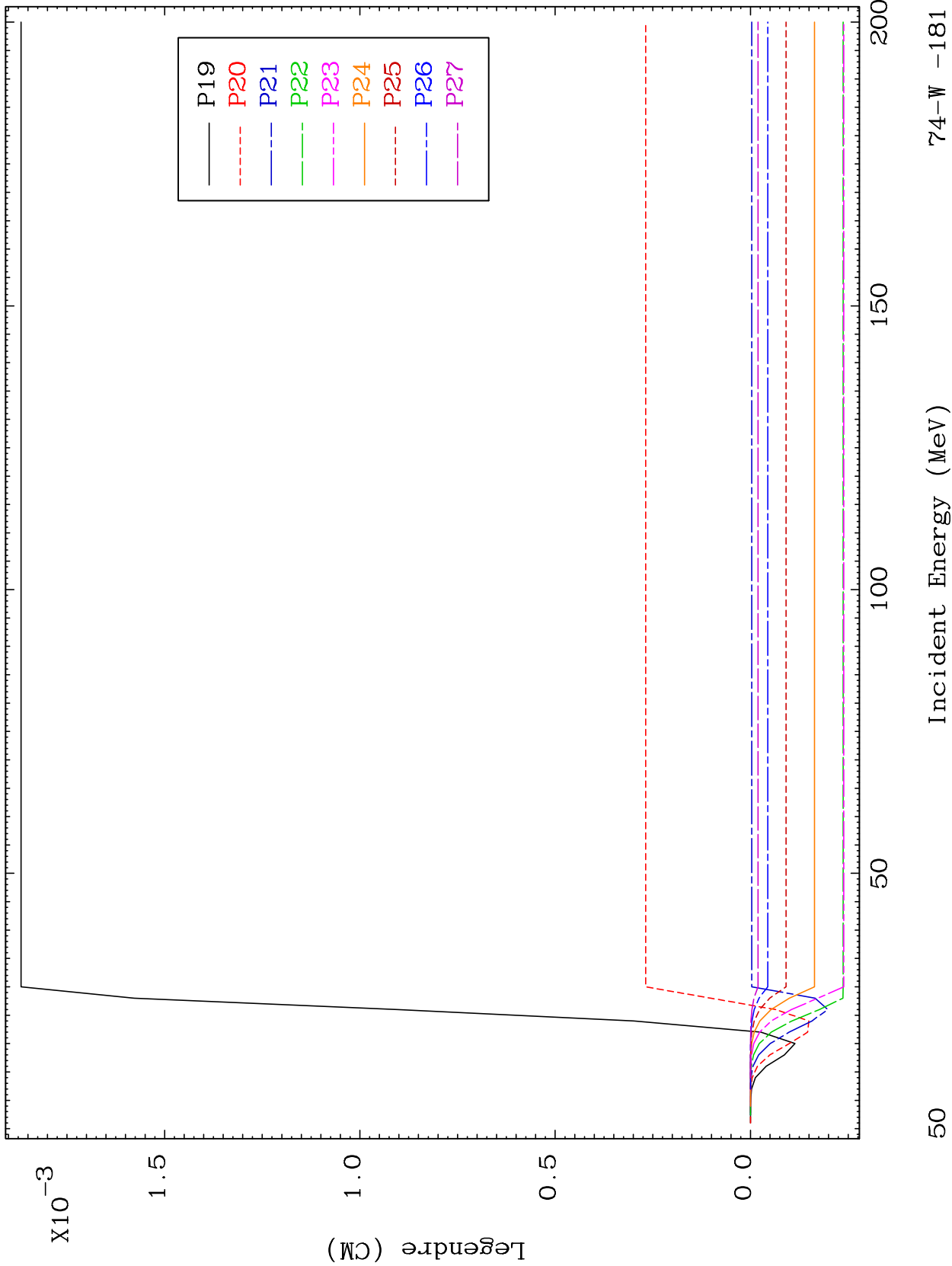
74-W -181



49

Incident Energy (MeV)

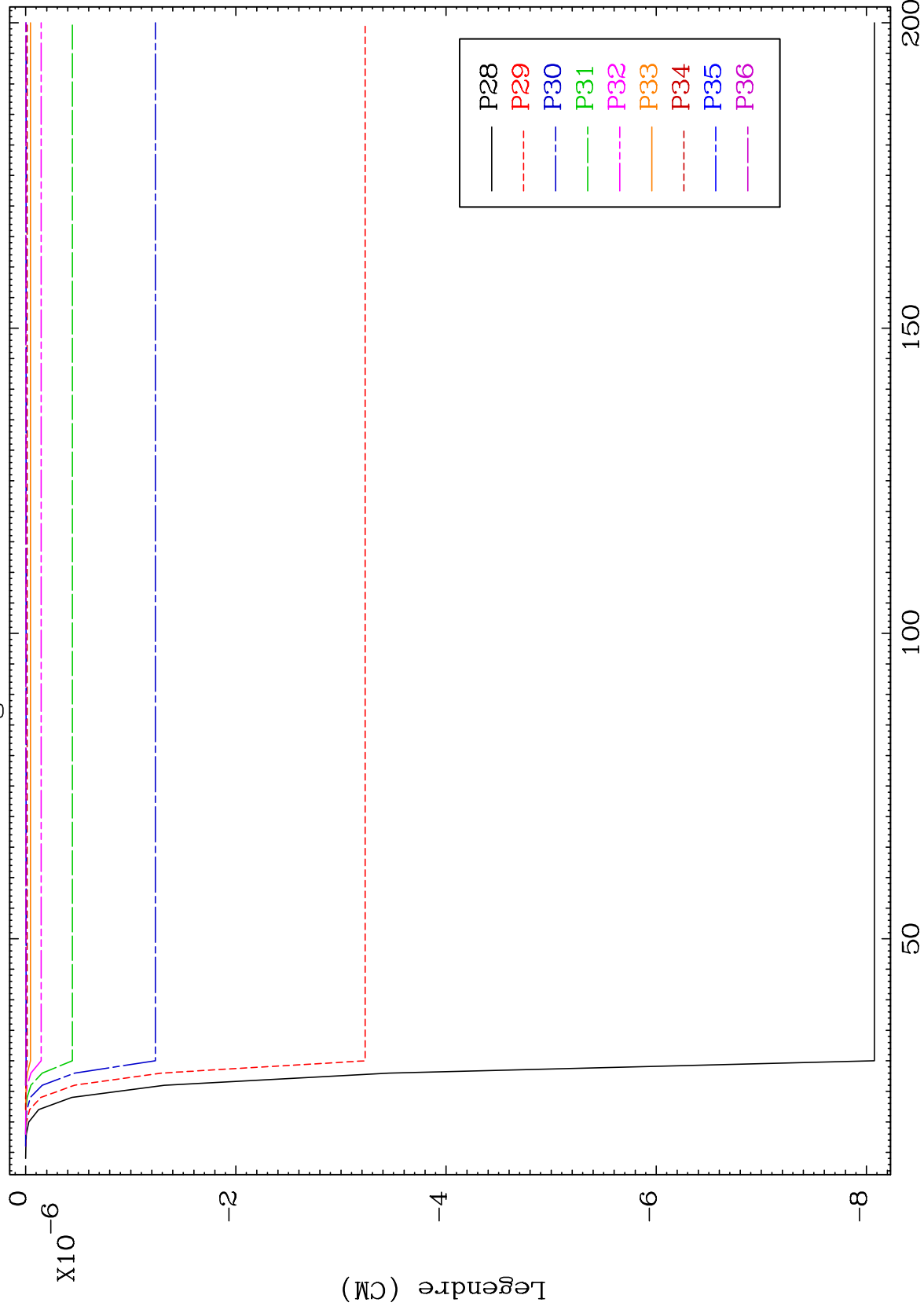
74-W -181



MAT 7428

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

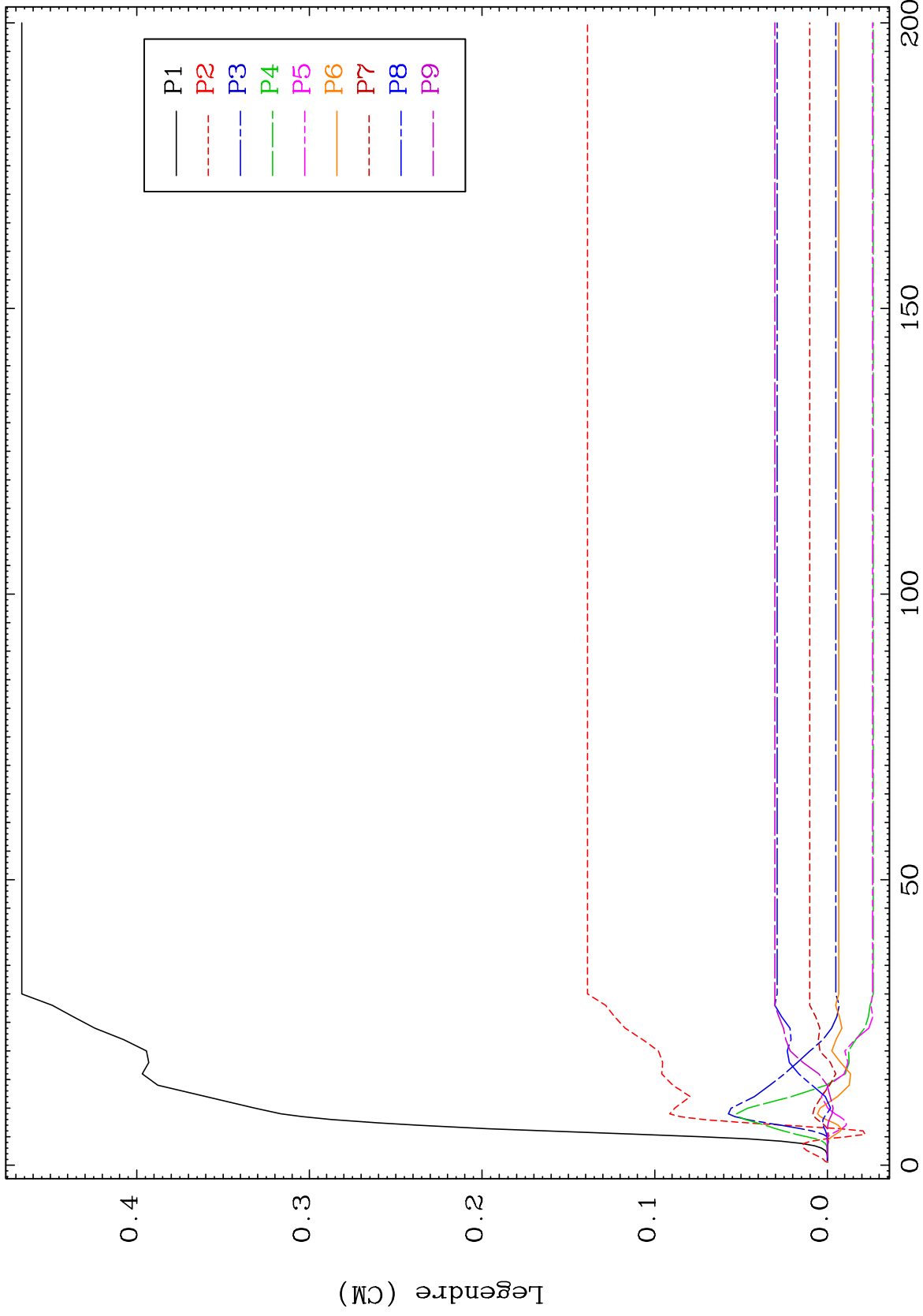
74-W -181



51

Incident Energy (MeV)

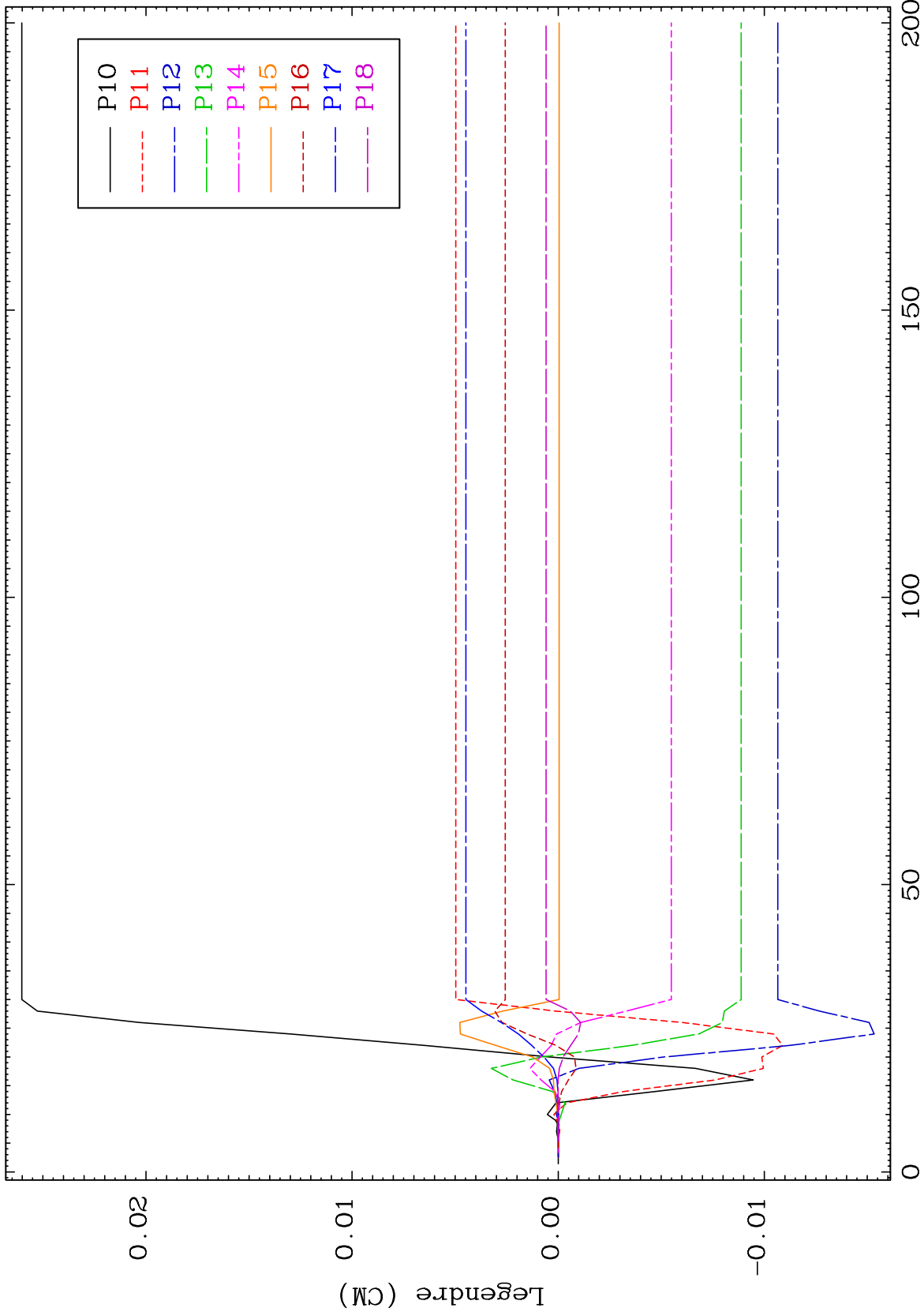
74-W -181



MAT 7428

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

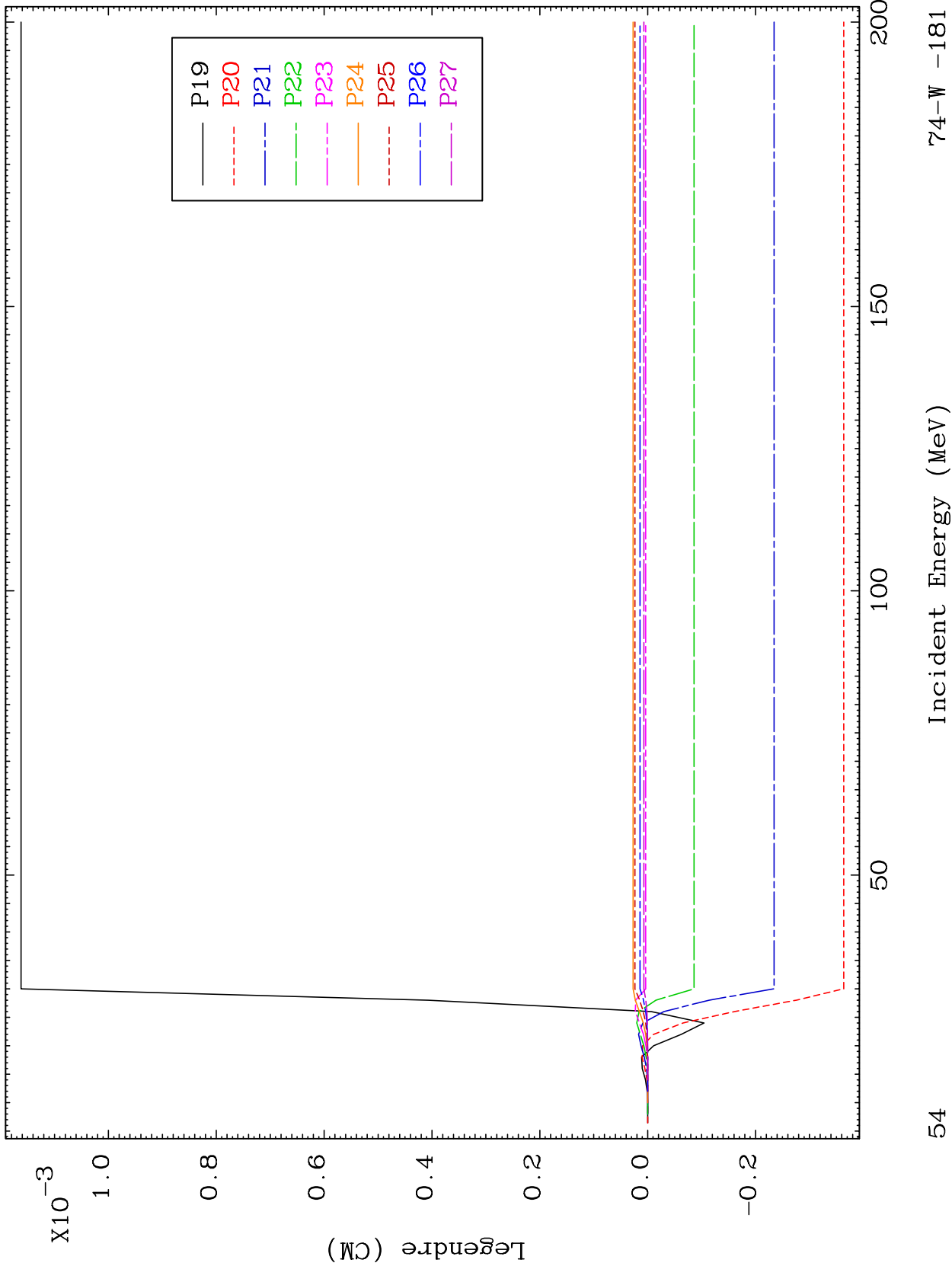
74-W -181



53

Incident Energy (MeV)

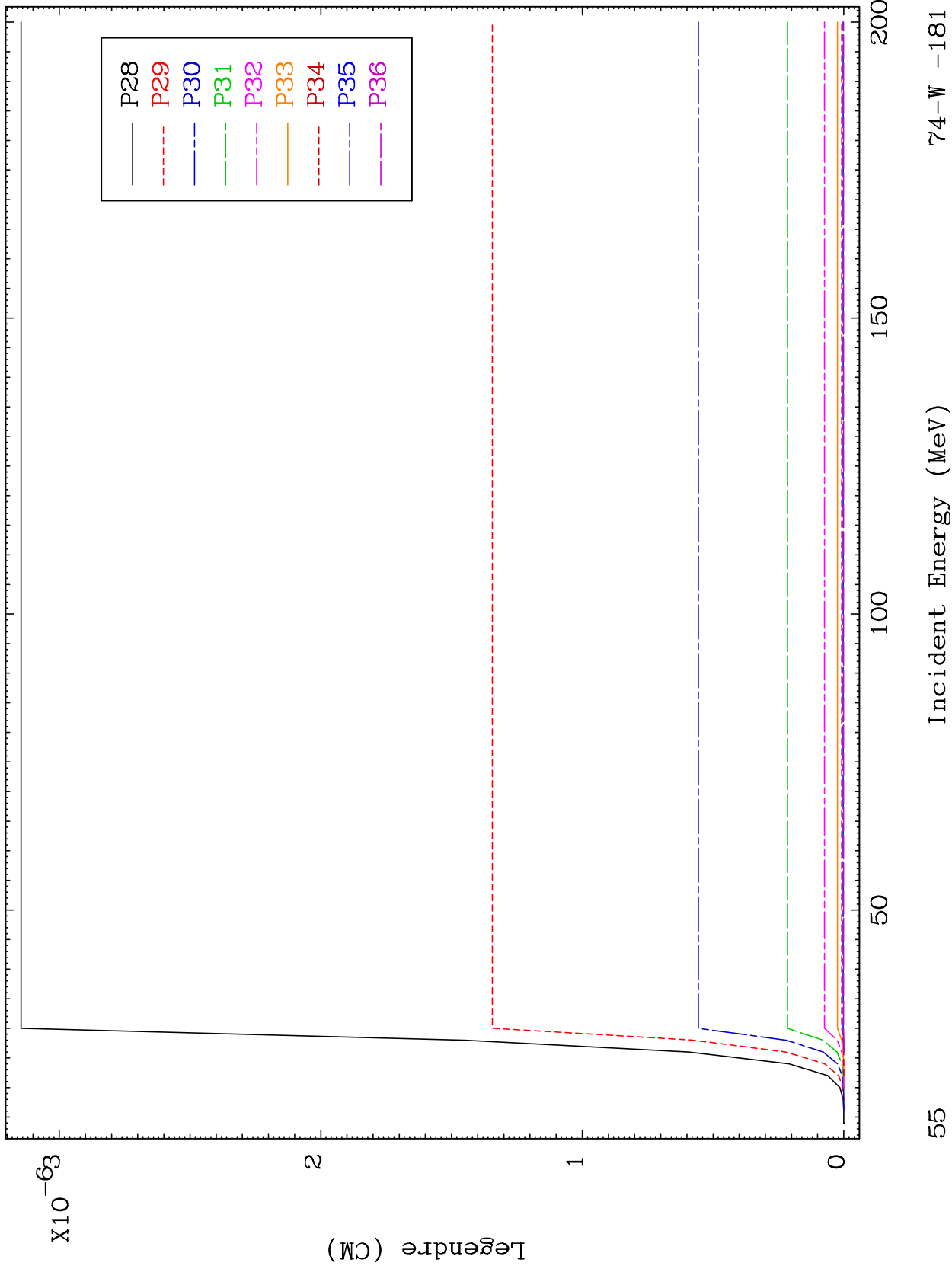
74-W -181



MAT 7428

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

74-W -181



55

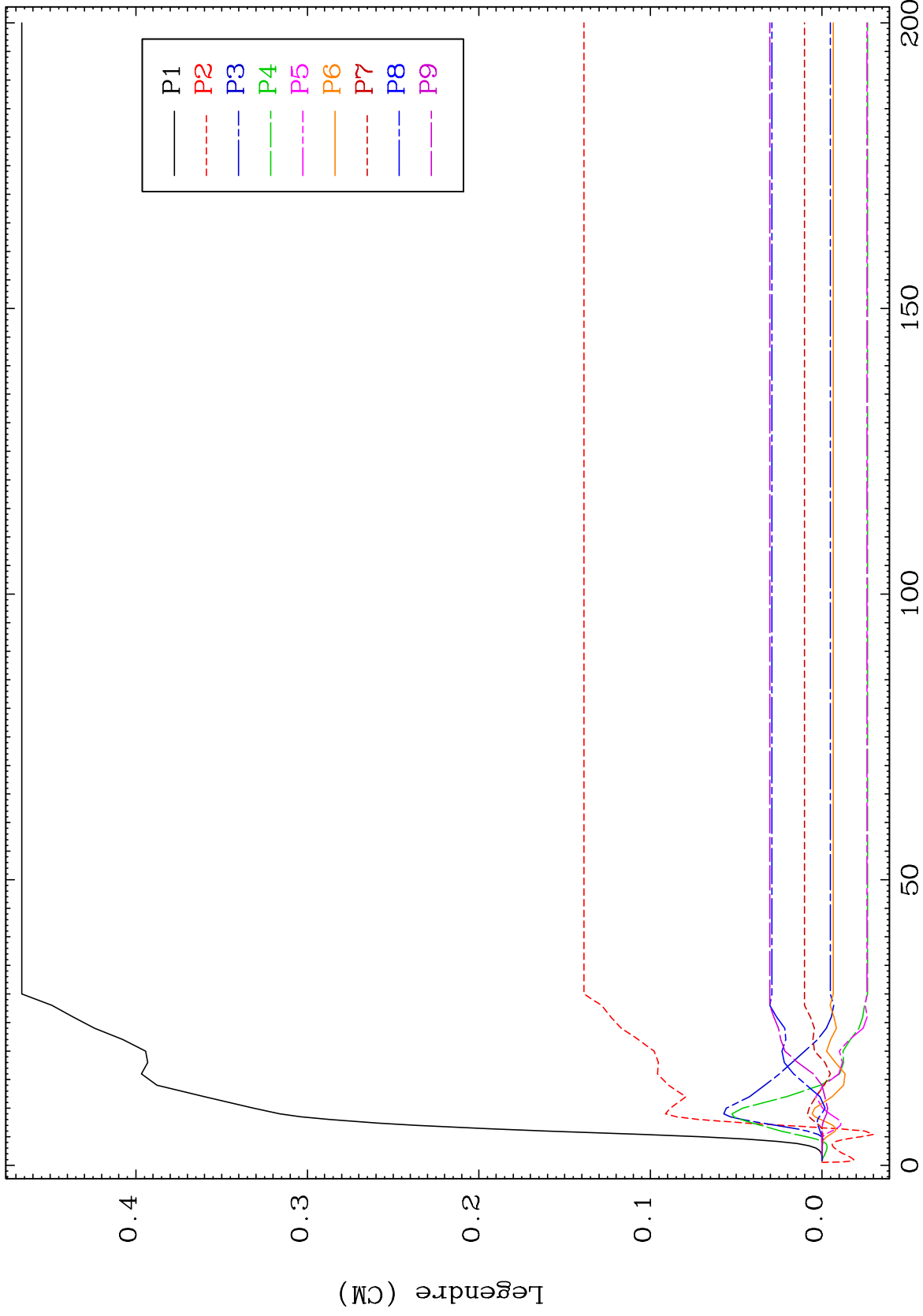
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



56

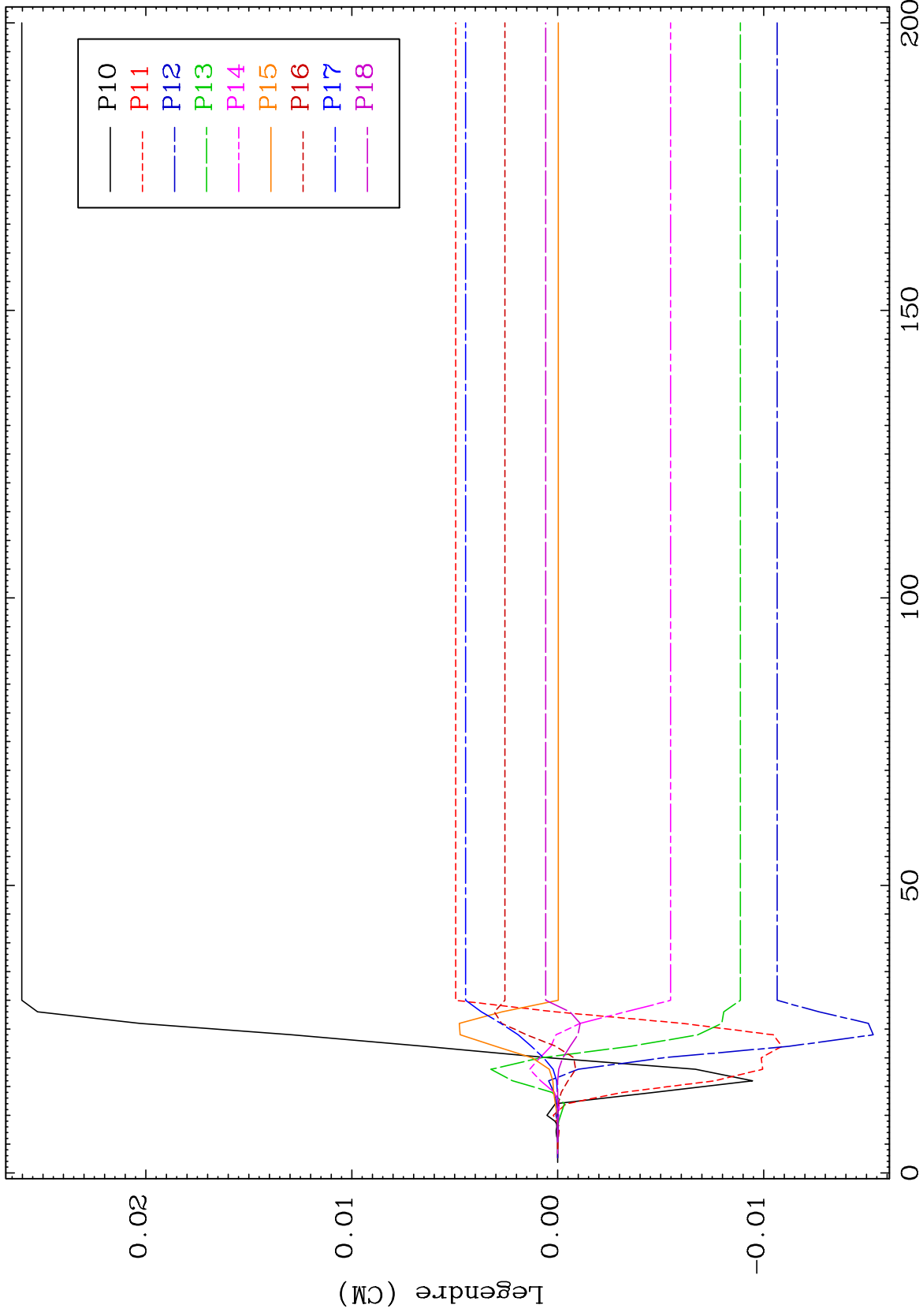
Incident Energy (MeV)

74-W -181

MAT 7428

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

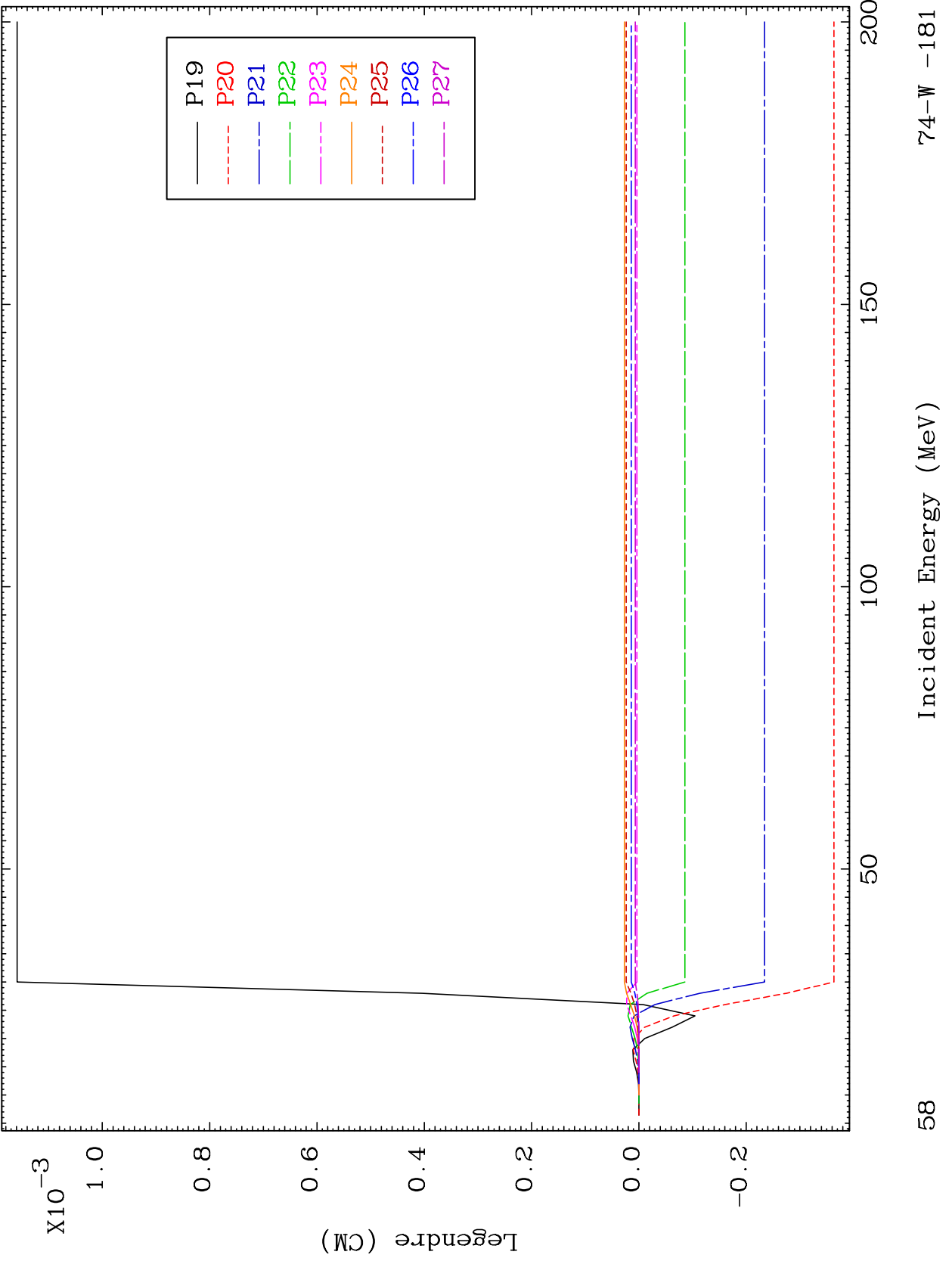
74-W -181



57

Incident Energy (MeV)

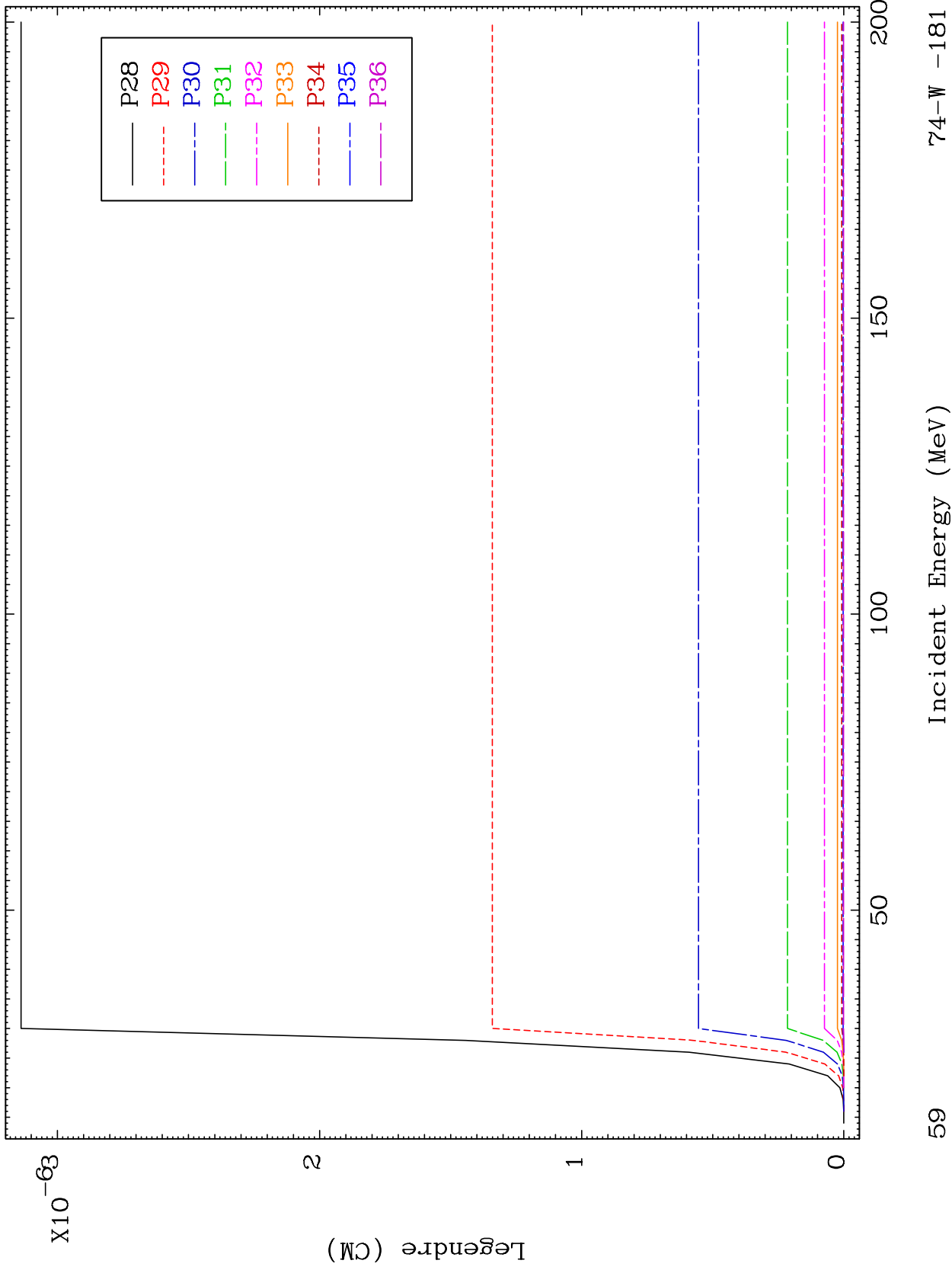
74-W -181



MAT 7428

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

74-W -181



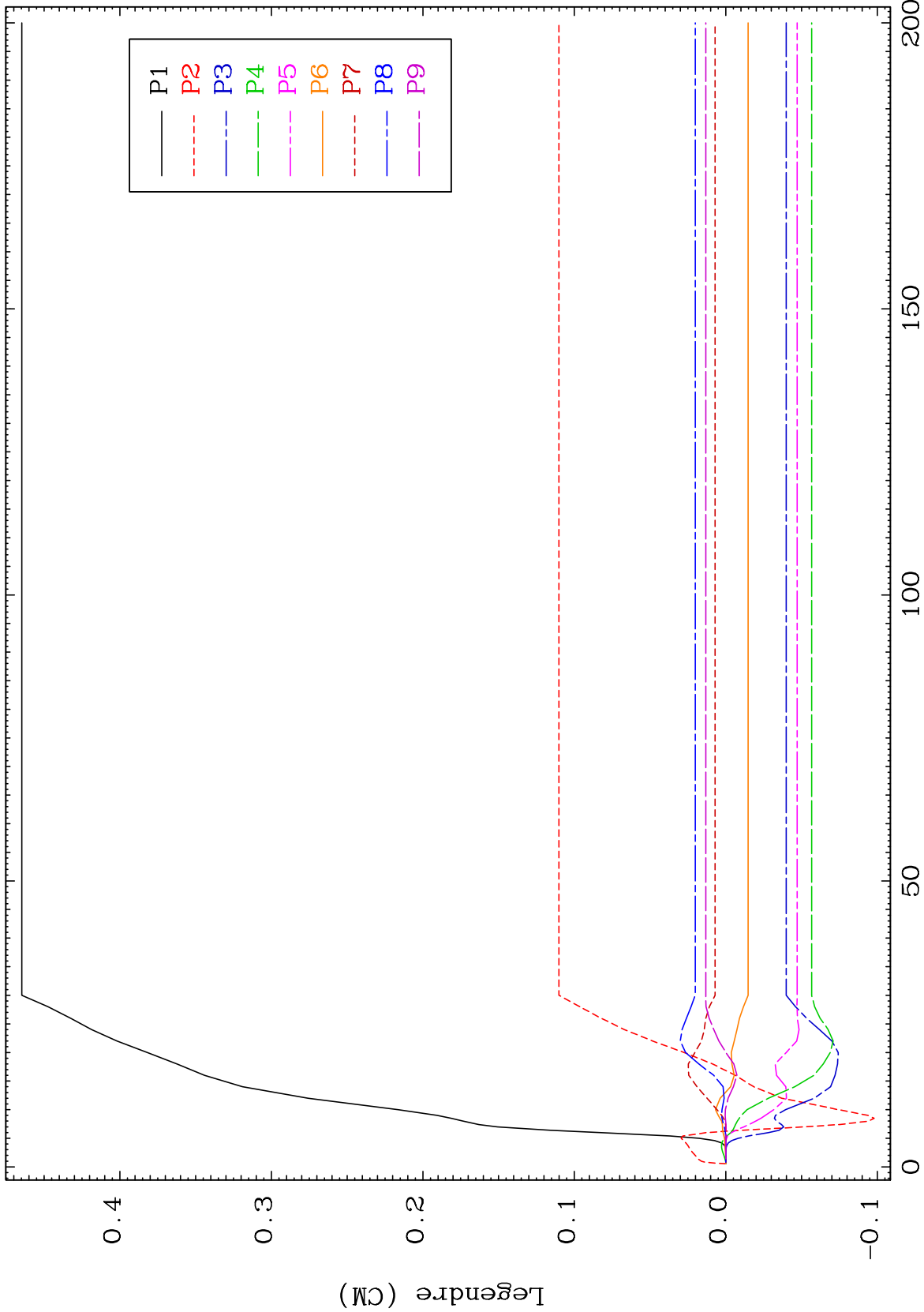
59

74-W -181

MAT 7428

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

74-W -181



74-W -181

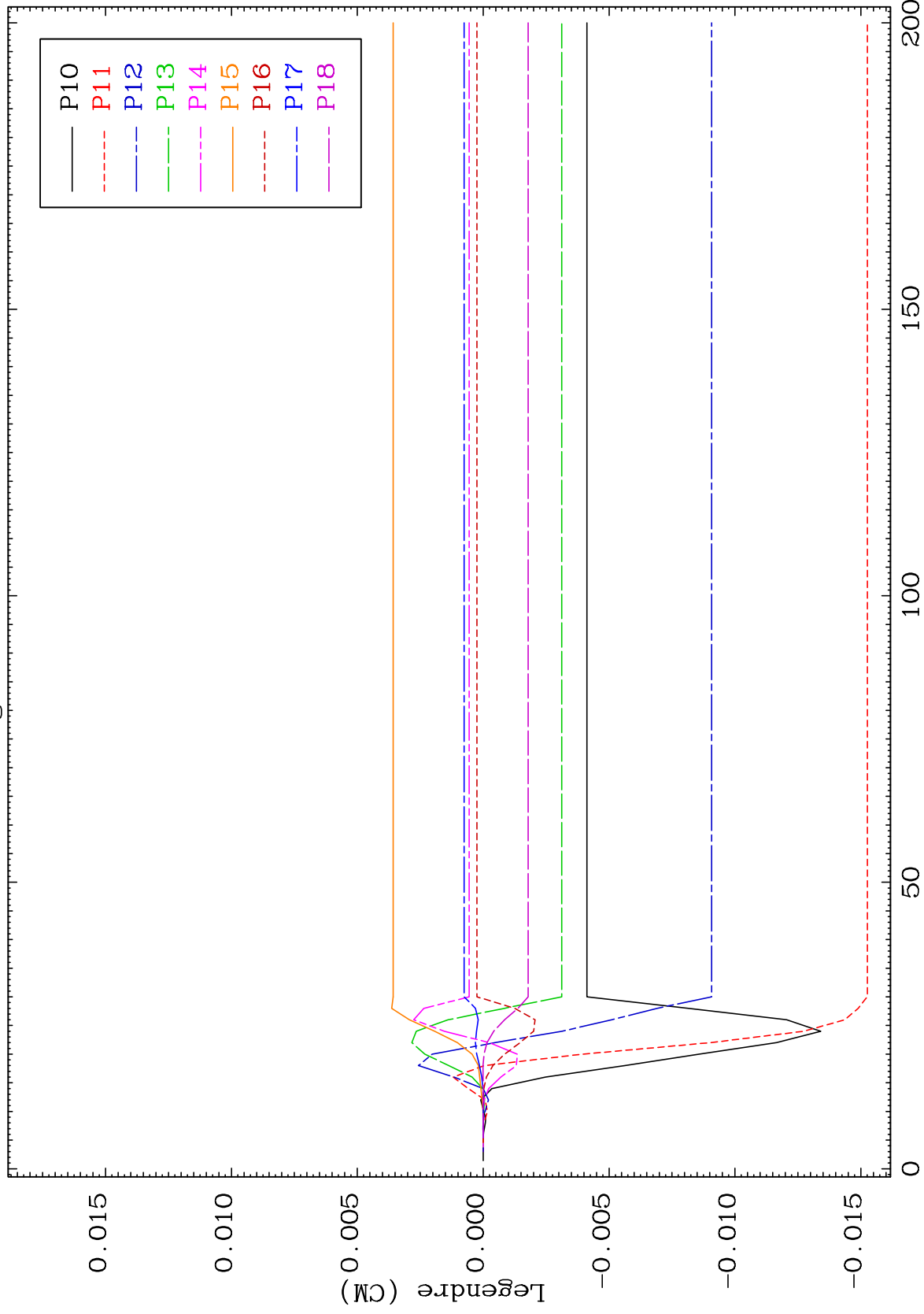
Incident Energy (MeV)

60

MAT 7428

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

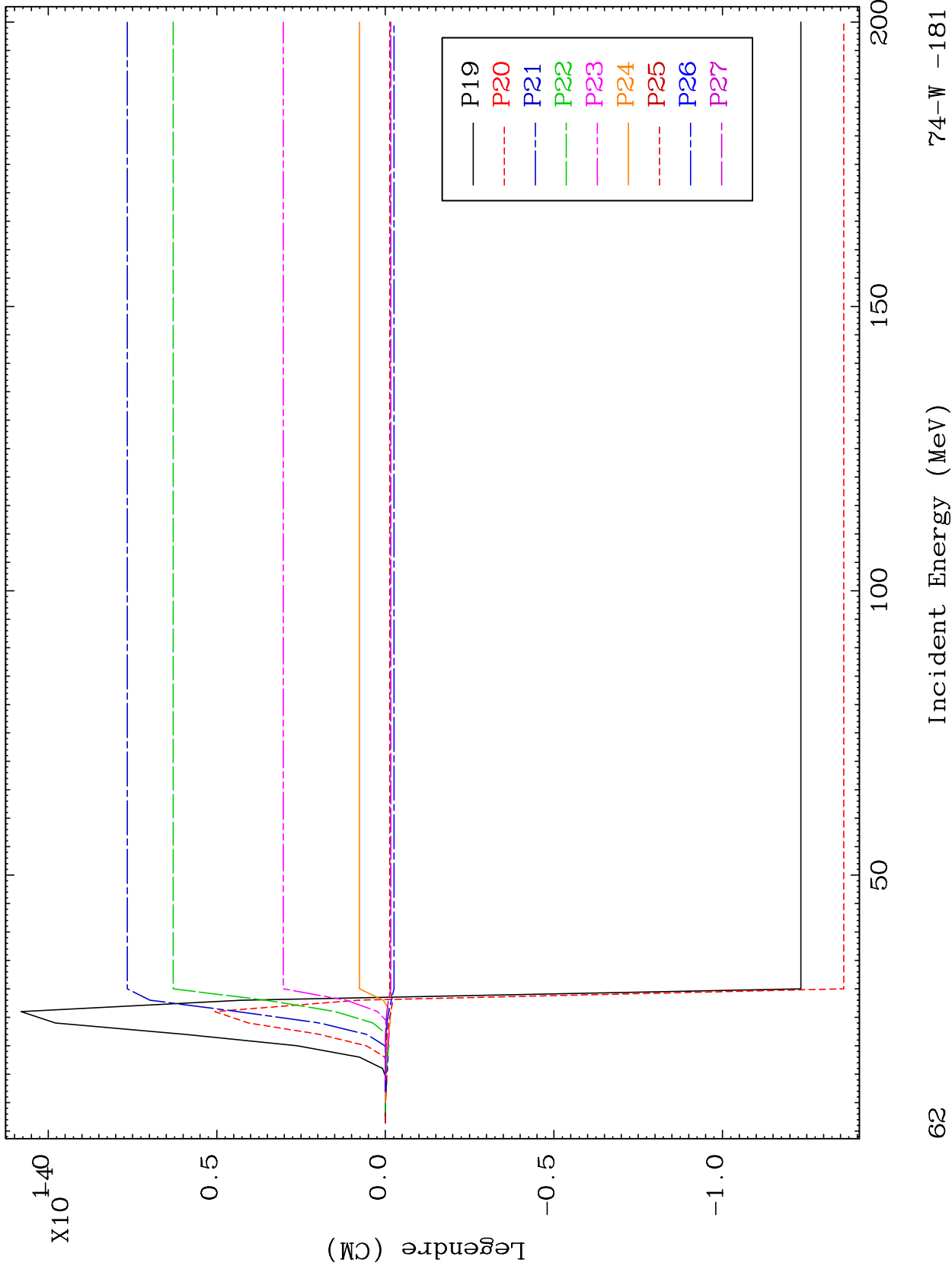
74-W -181

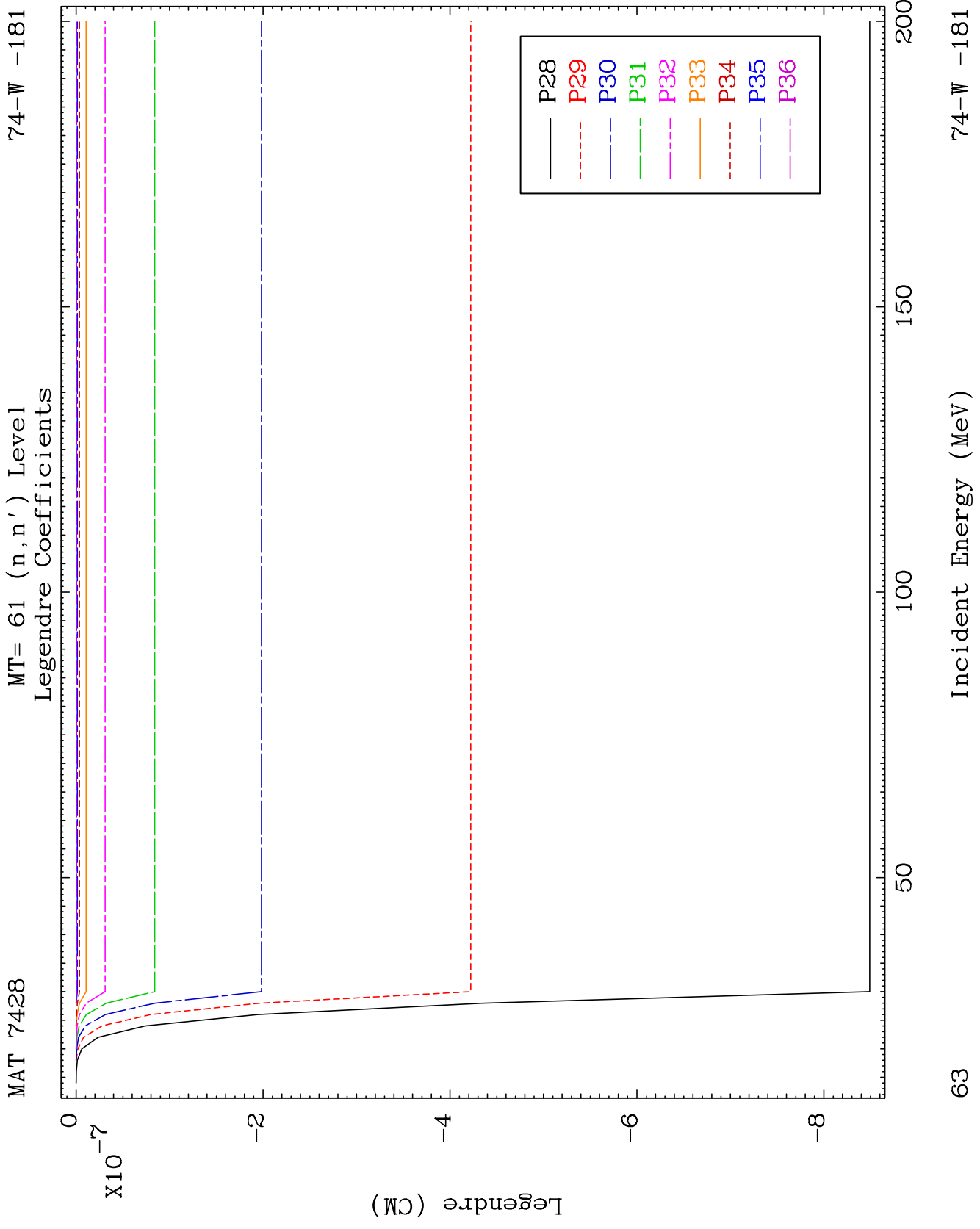


61

Incident Energy (MeV)

74-W -181

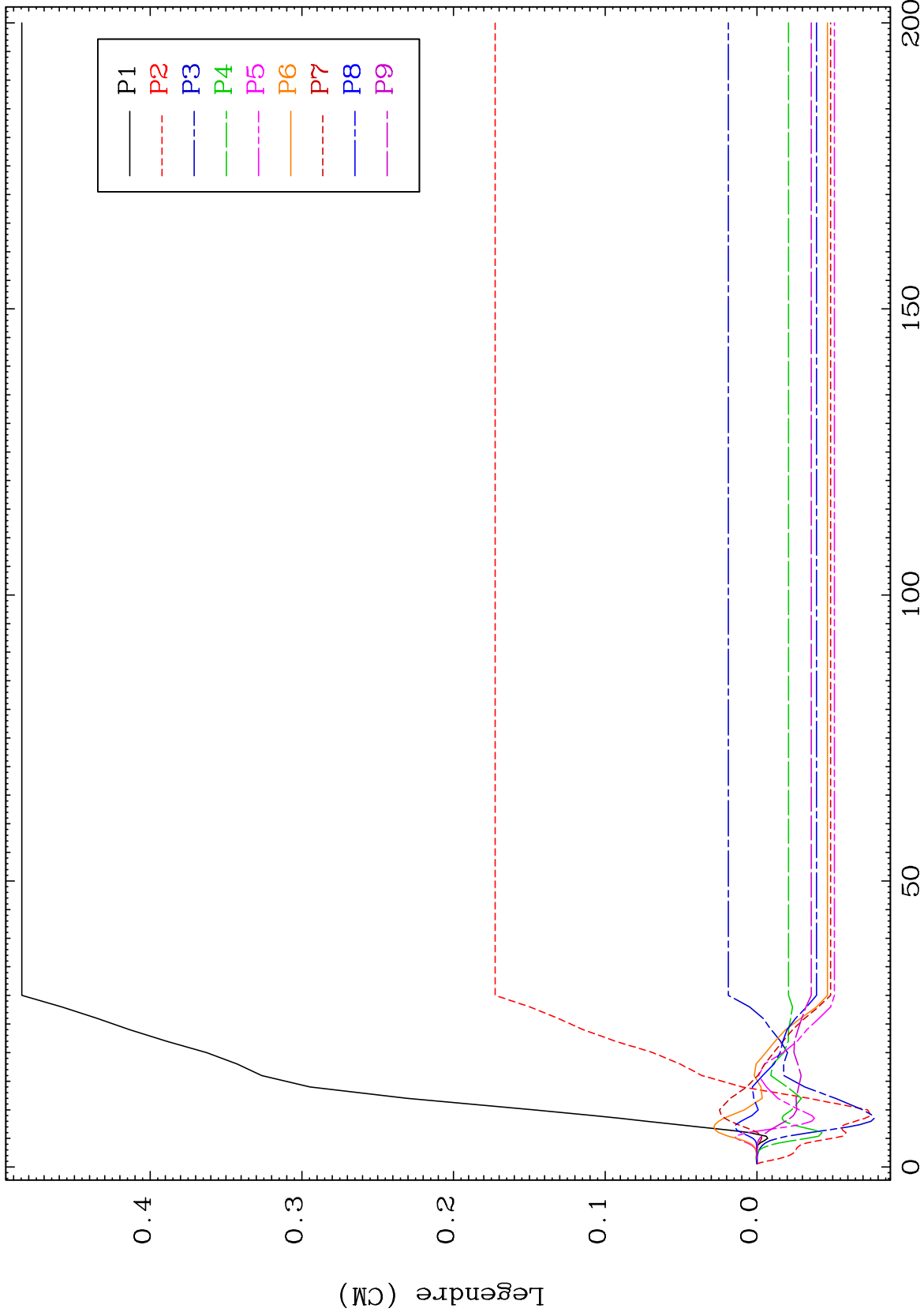




MAT 7428

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

74-W -181



64

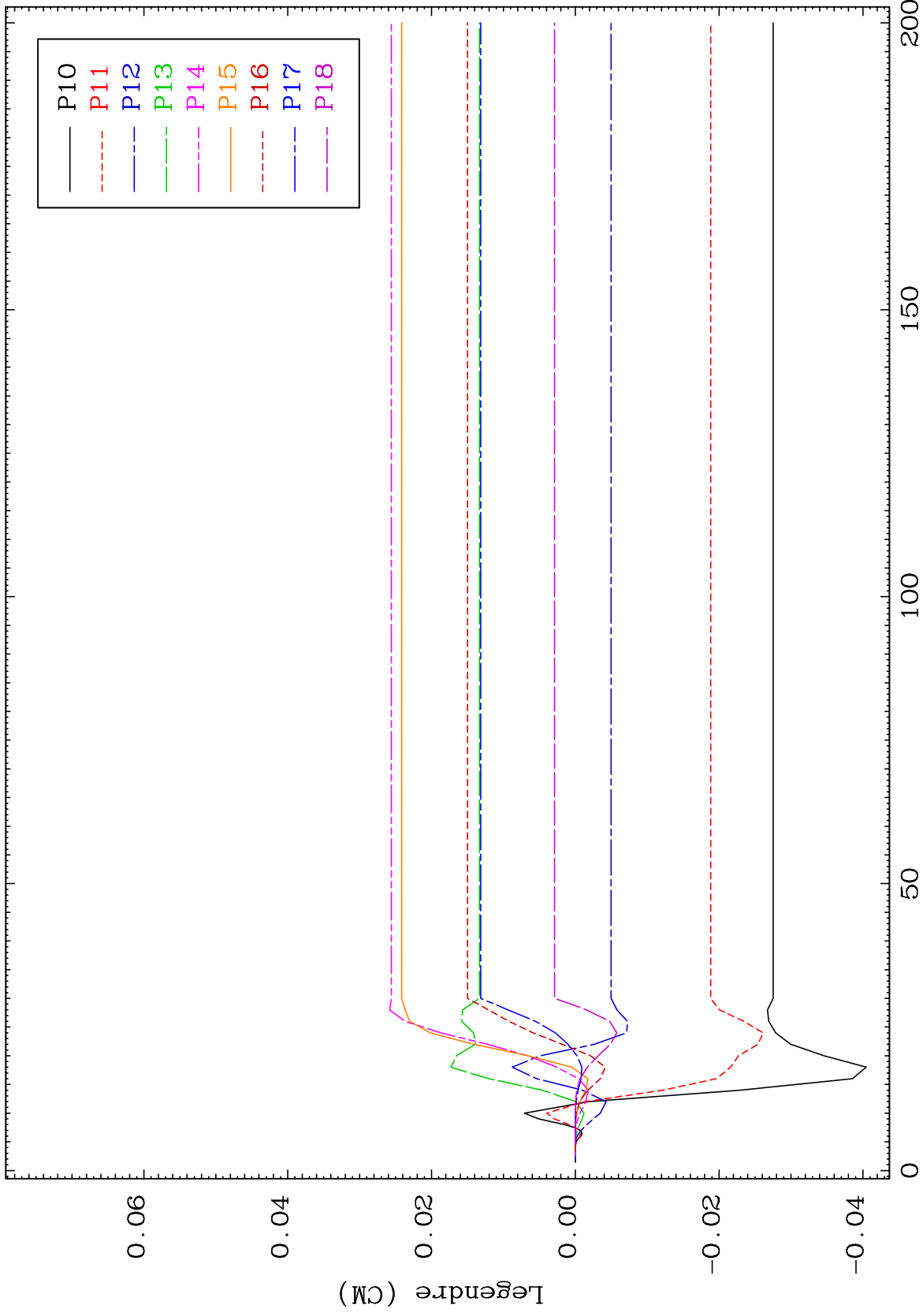
Incident Energy (MeV)

74-W -181

MAT 7428

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

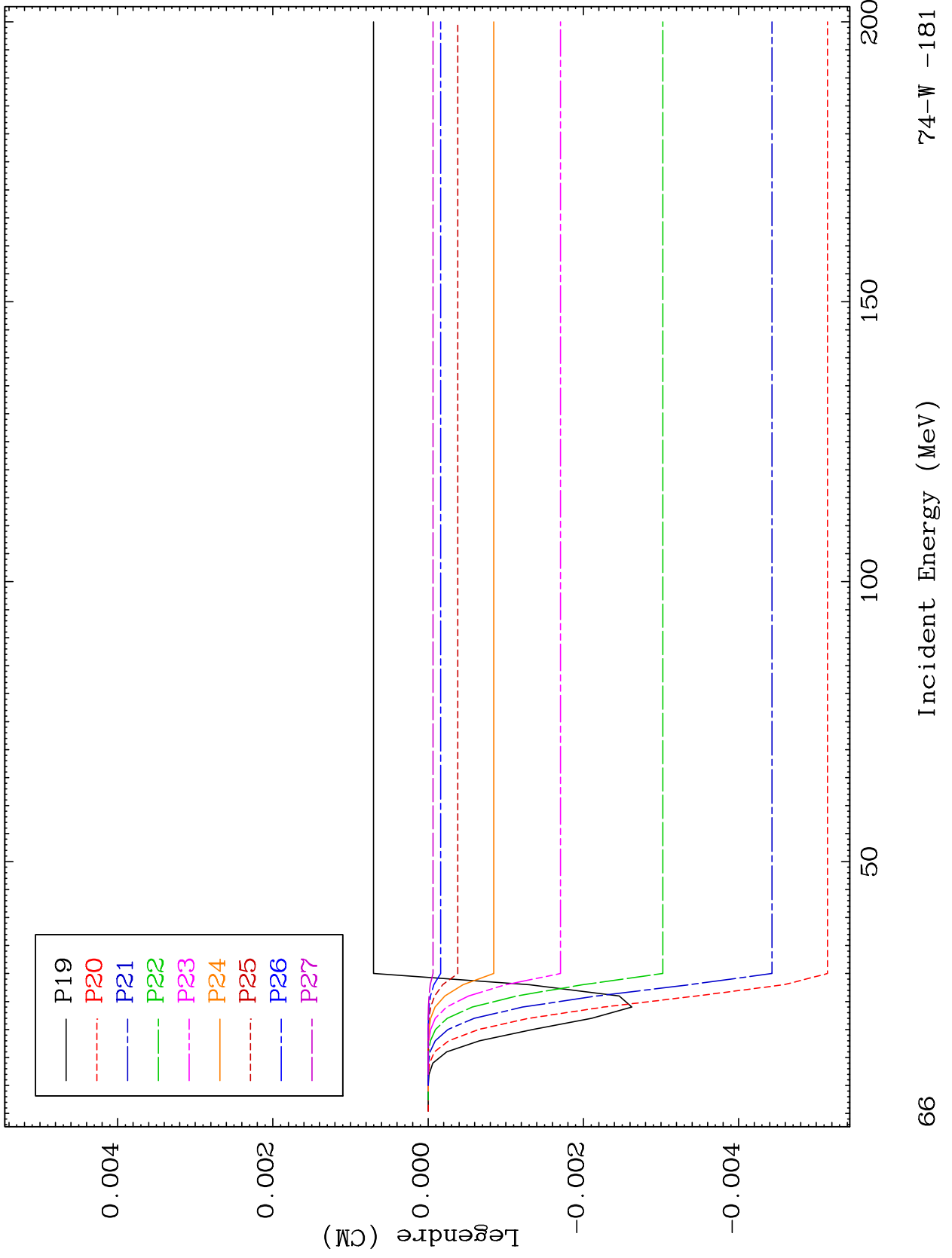
74-W -181

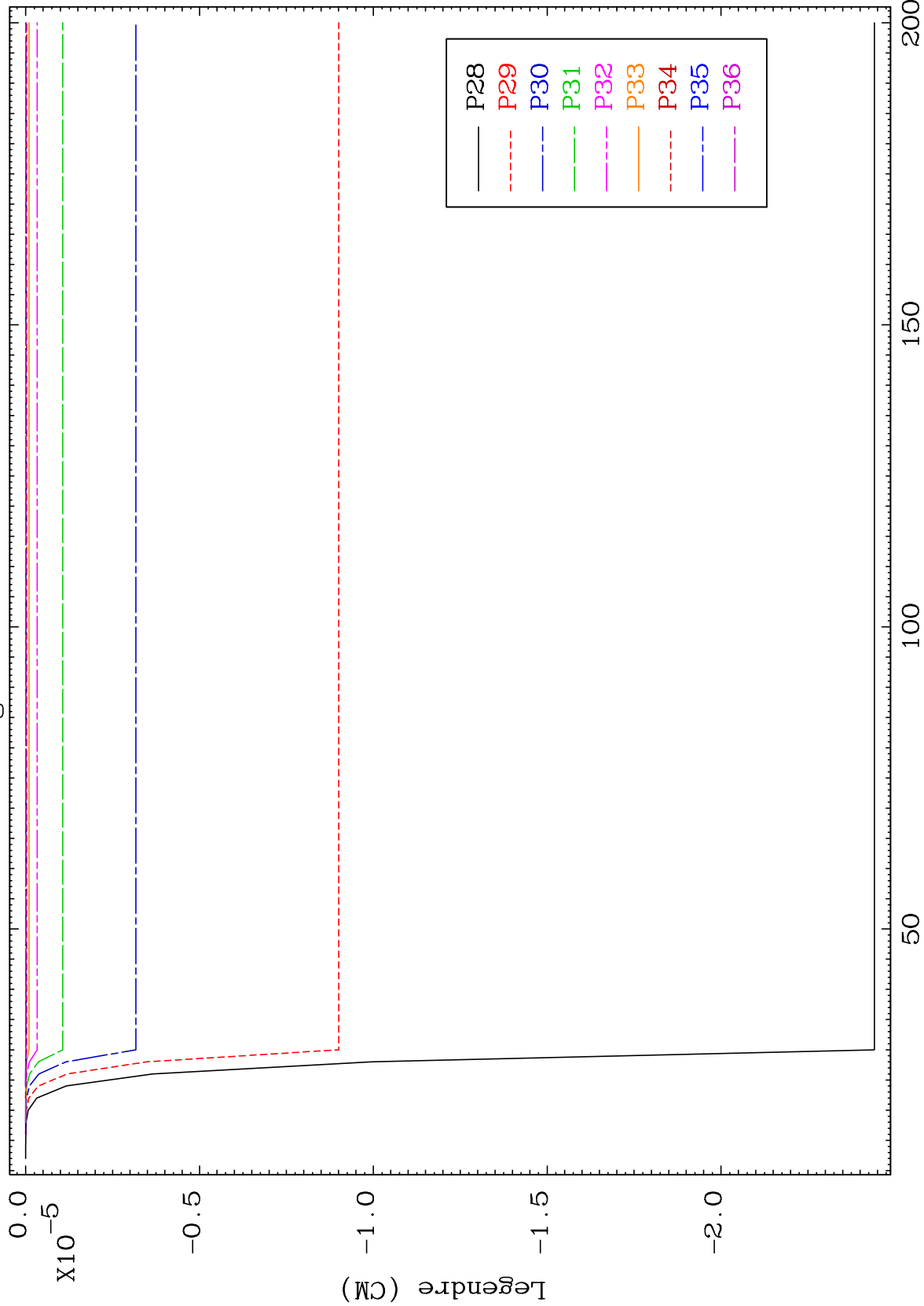


65

Incident Energy (MeV)

74-W -181

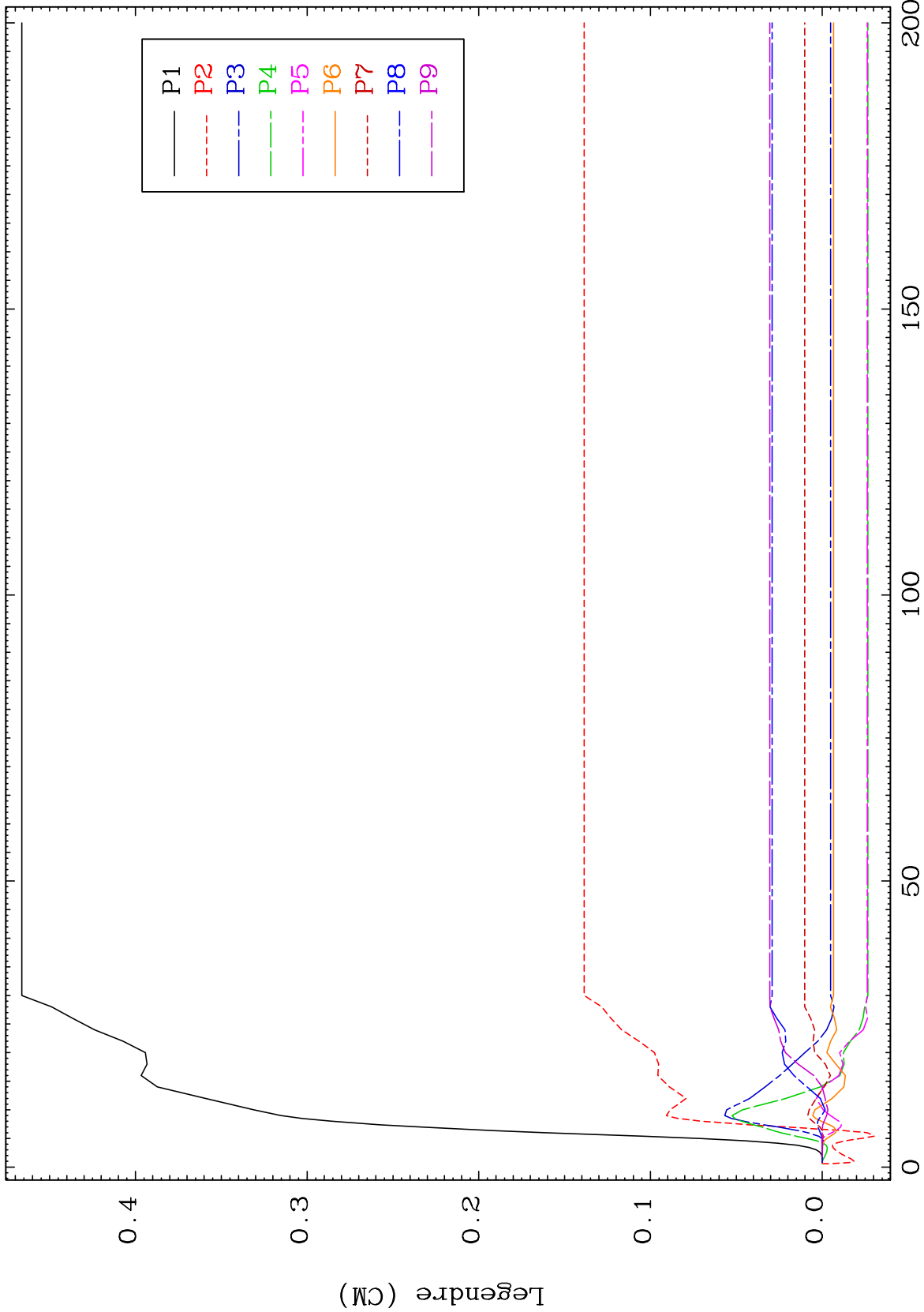




MAT 7428

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

74-W -181



68

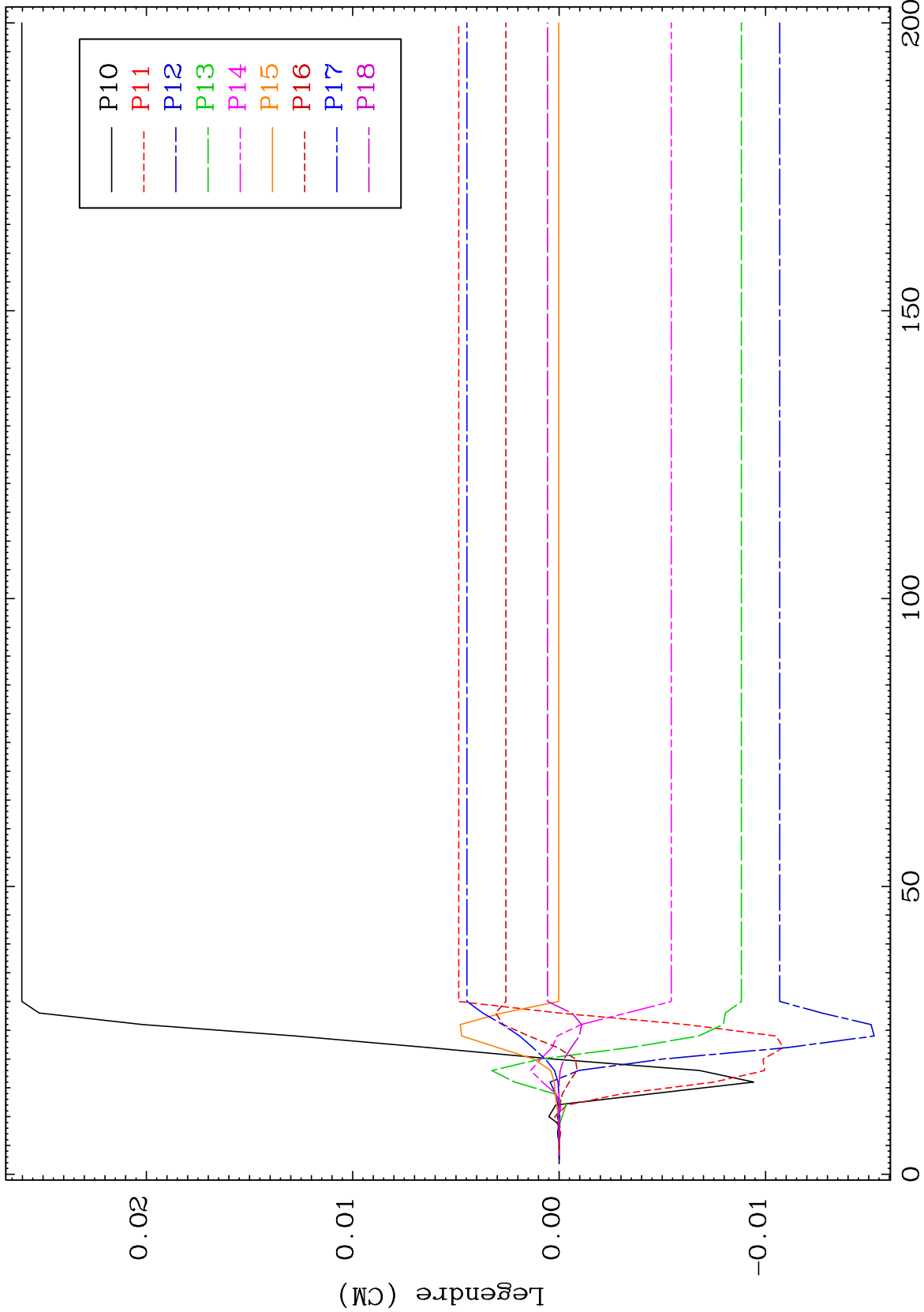
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



69

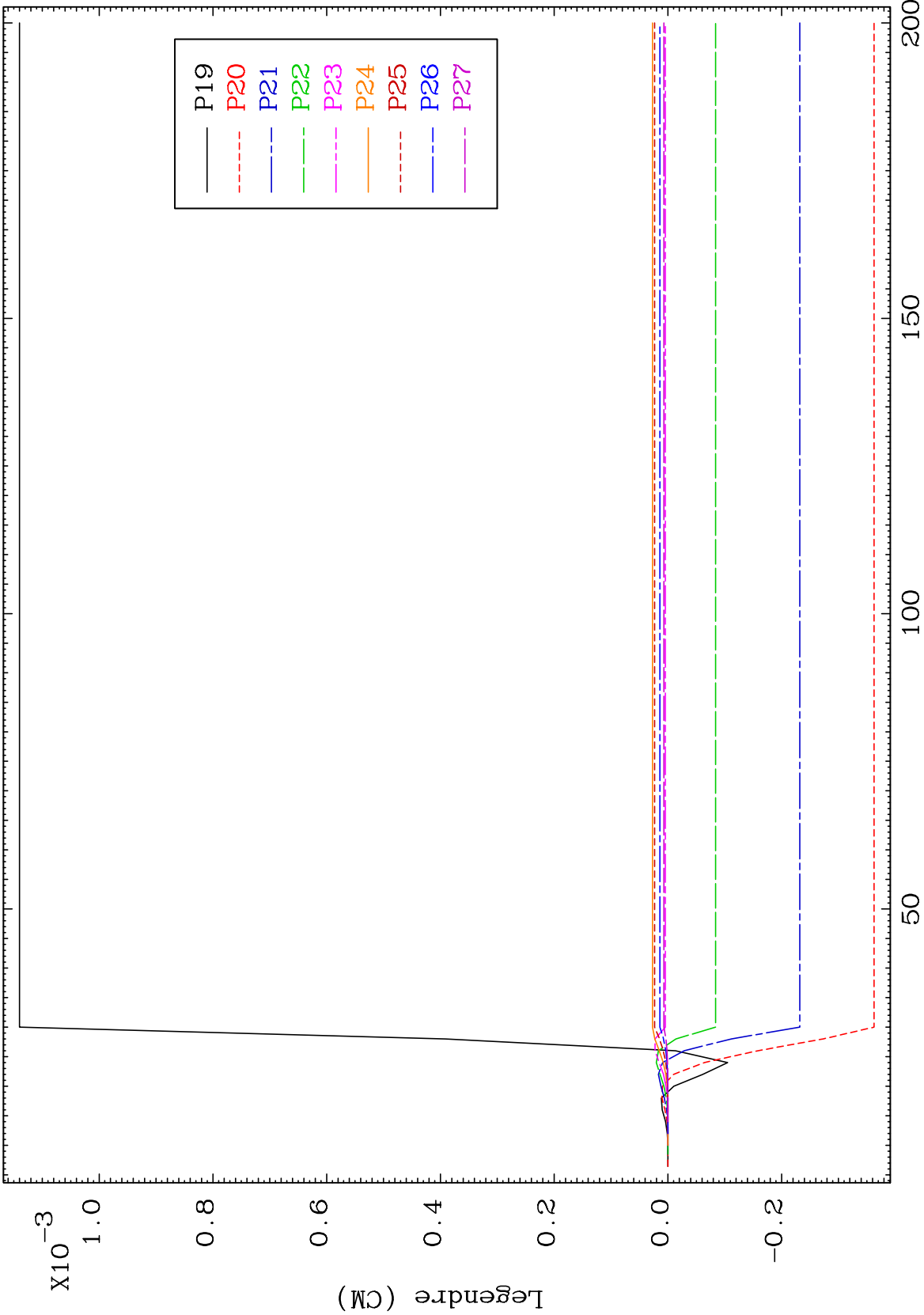
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



70

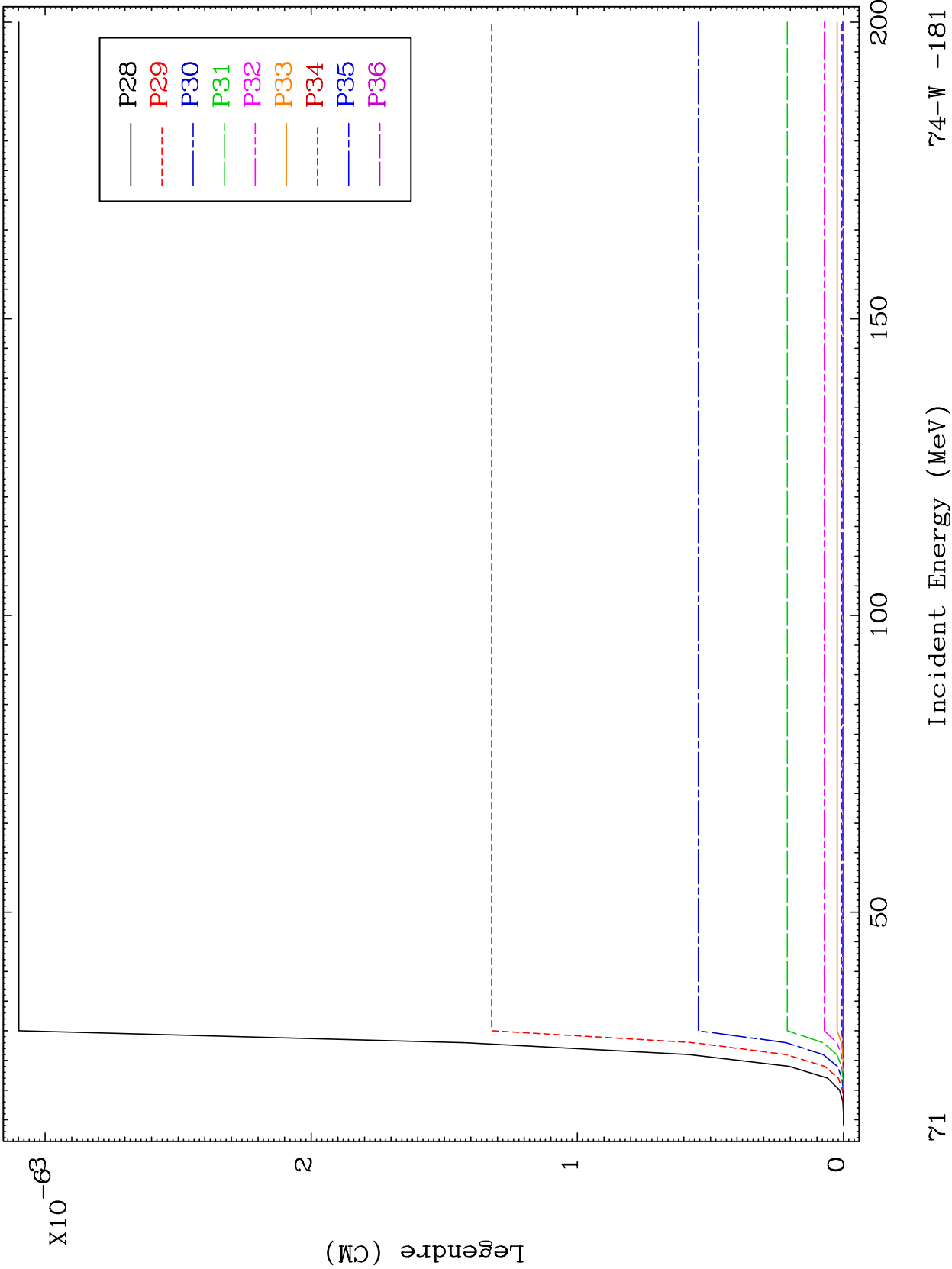
Incident Energy (MeV)

74-W -181

MAT 7428

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

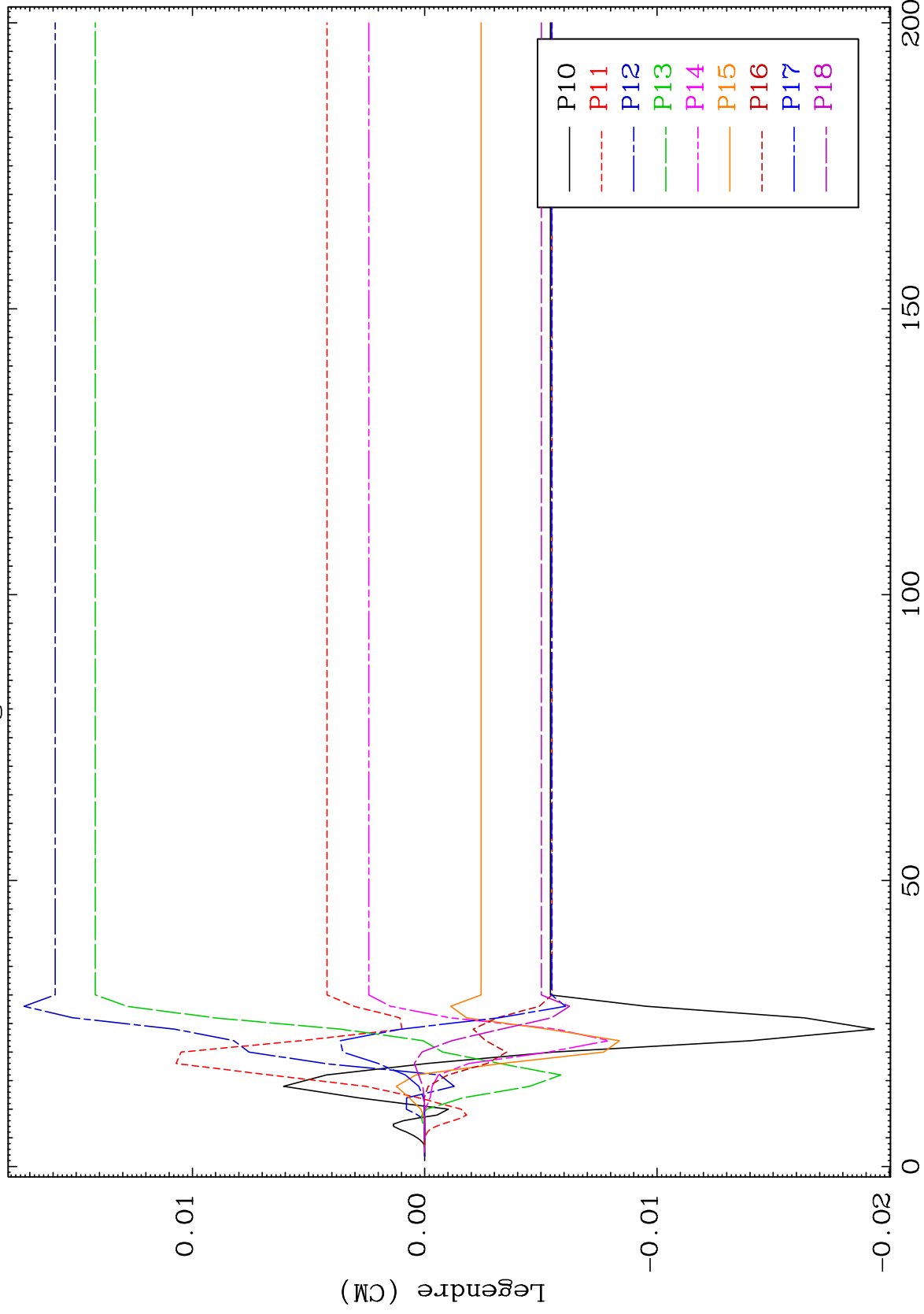
74-W -181



MAT 7428

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

74-W -181



73

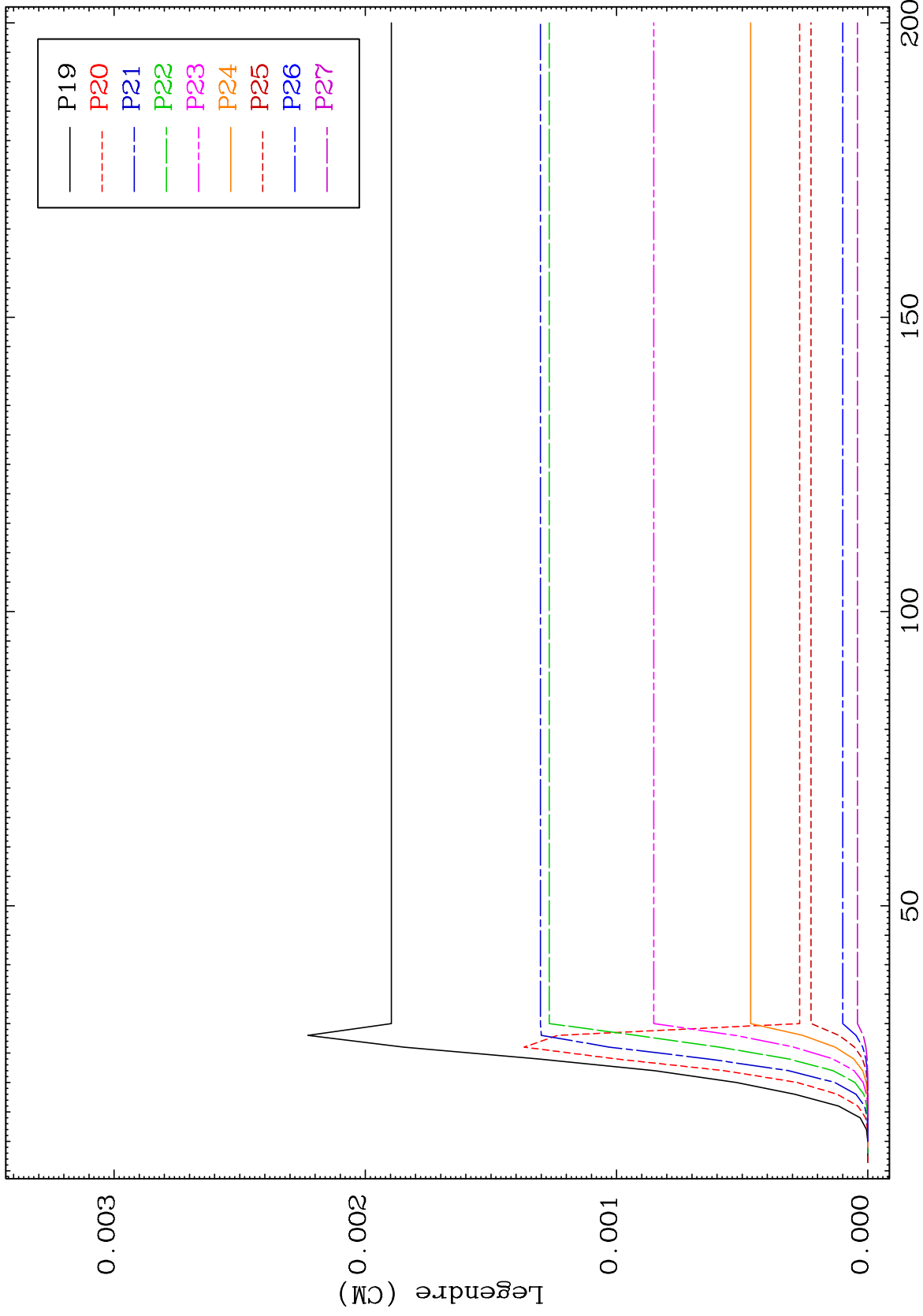
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



74

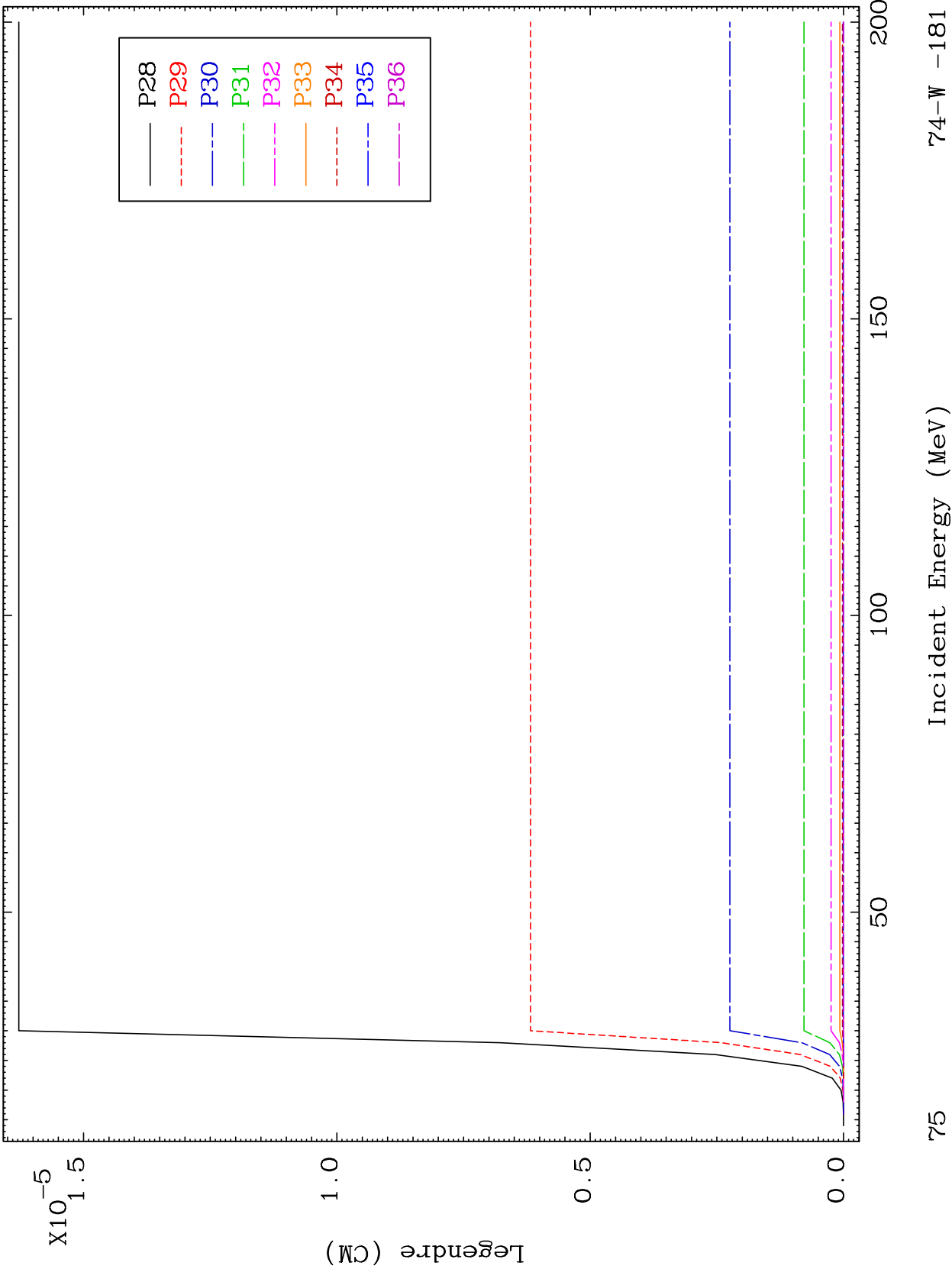
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



75

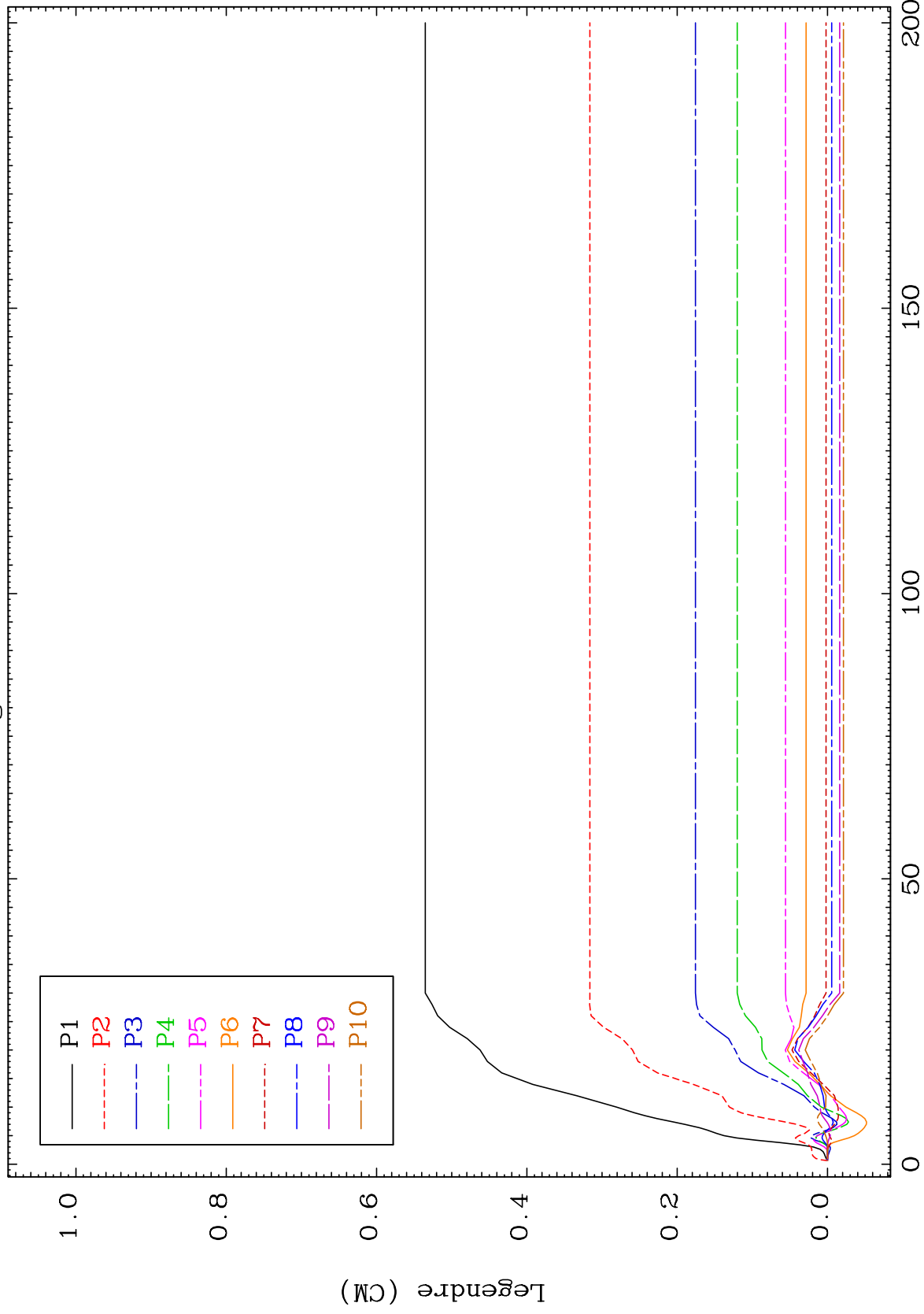
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



76

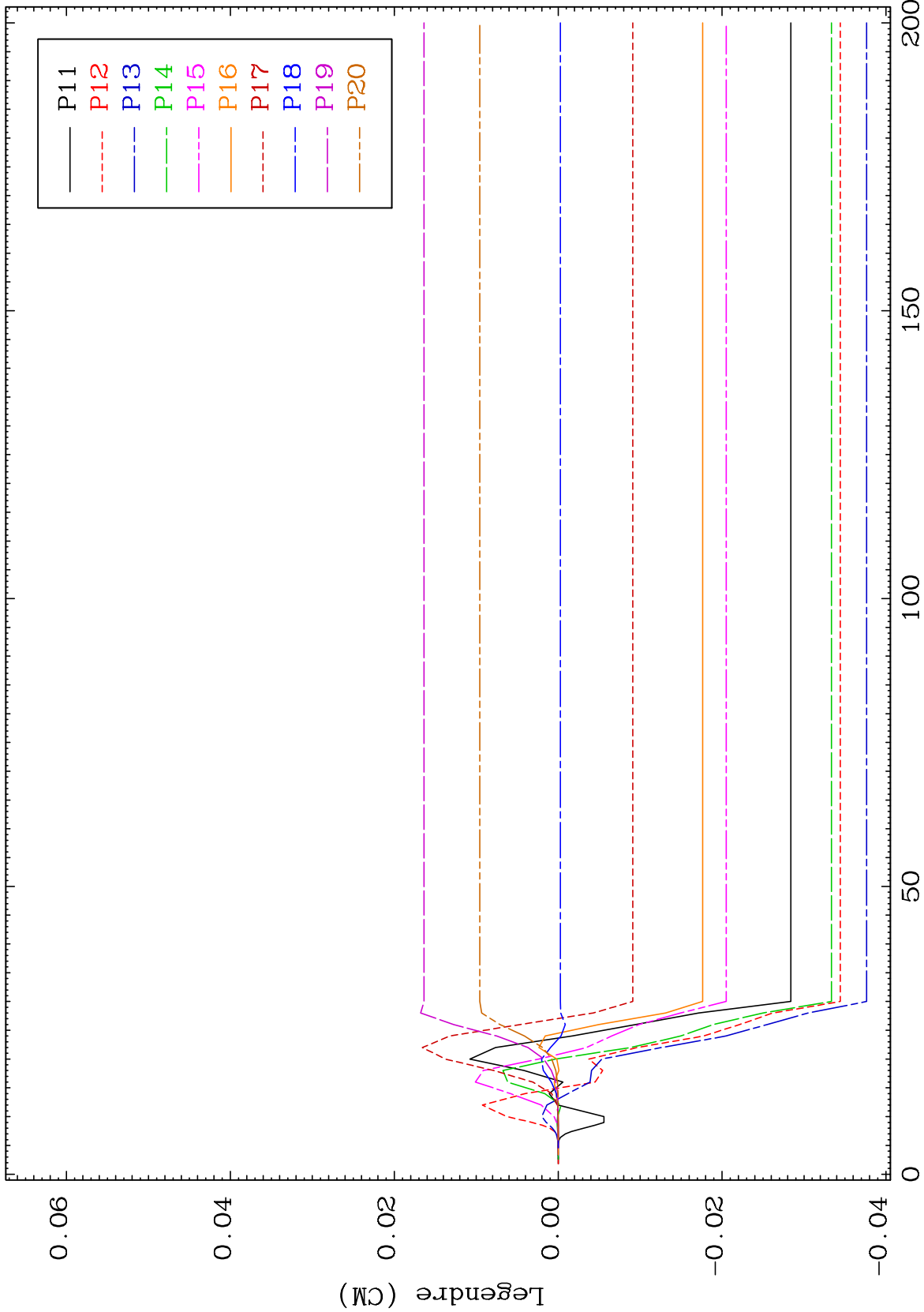
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



77

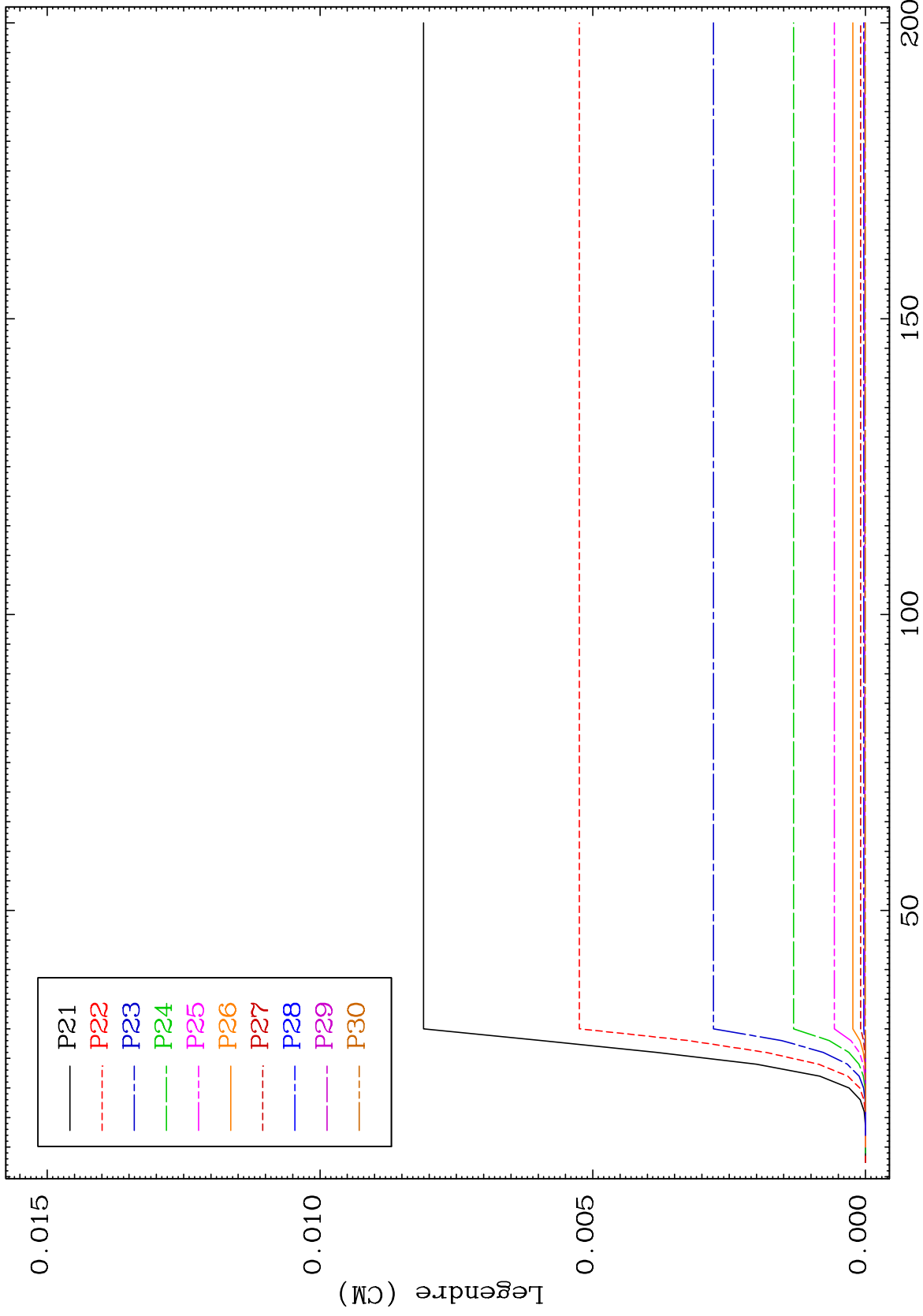
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



78

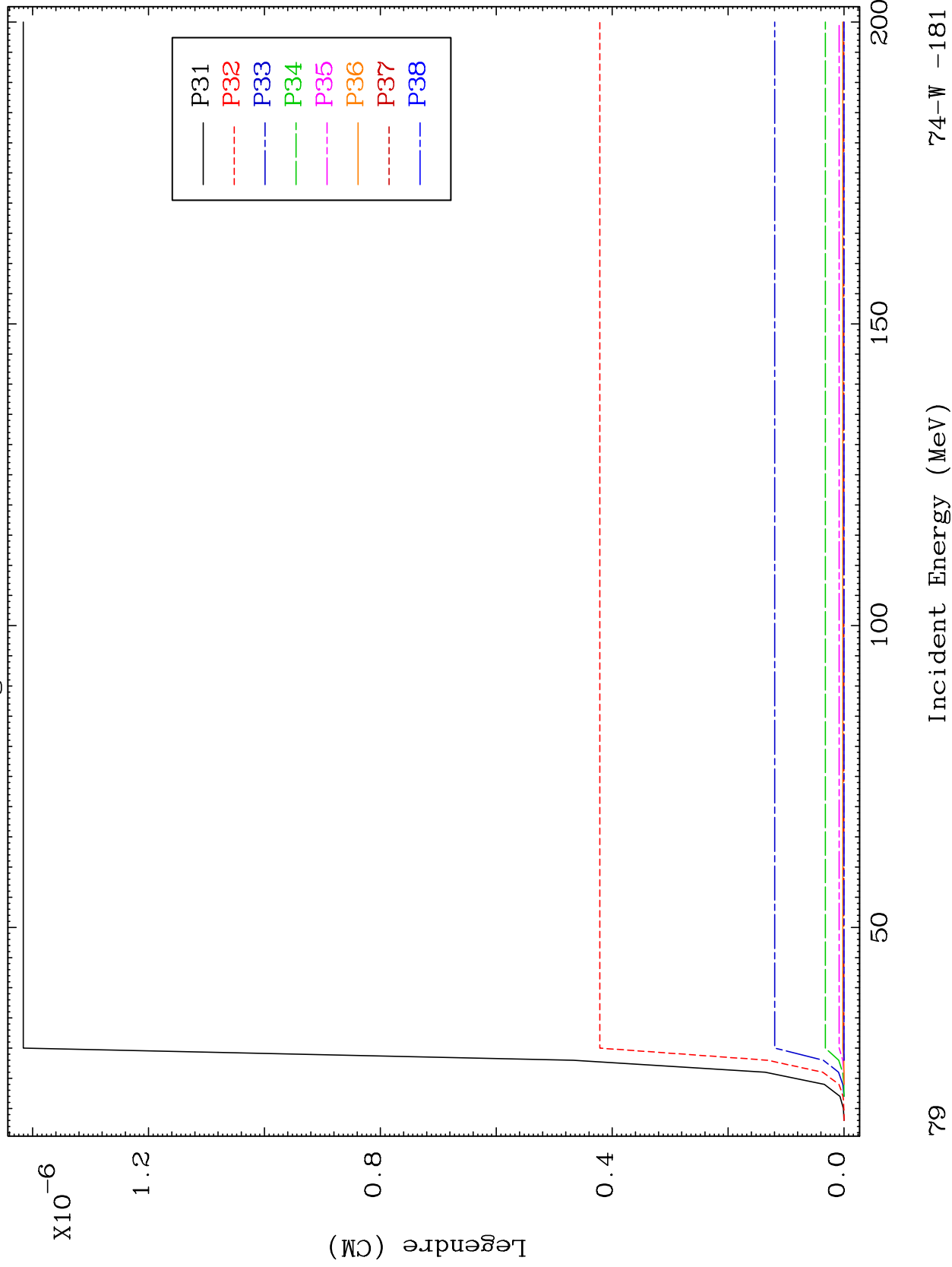
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



79

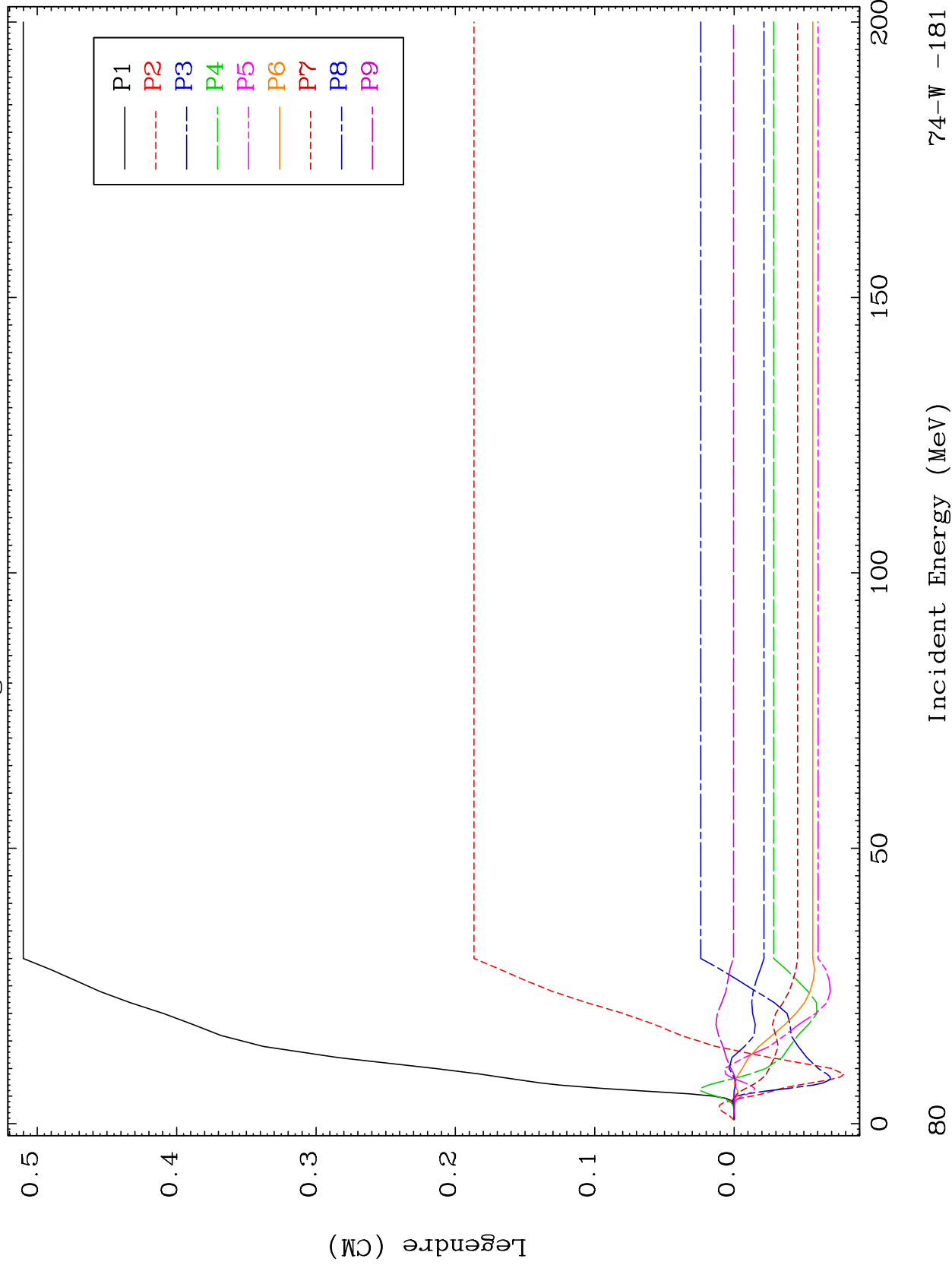
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



74-W -181

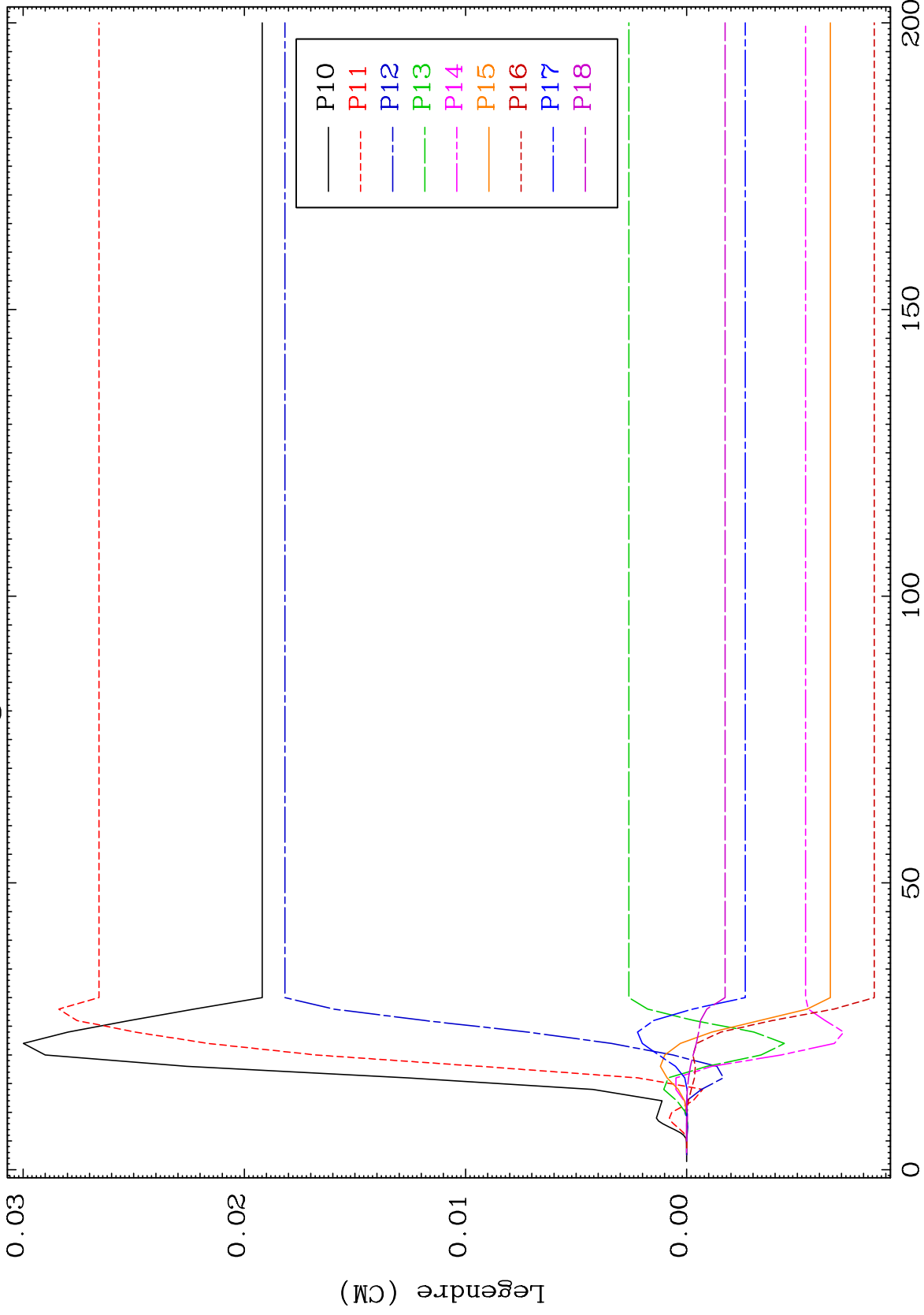
Incident Energy (MeV)

80

MAT 7428

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

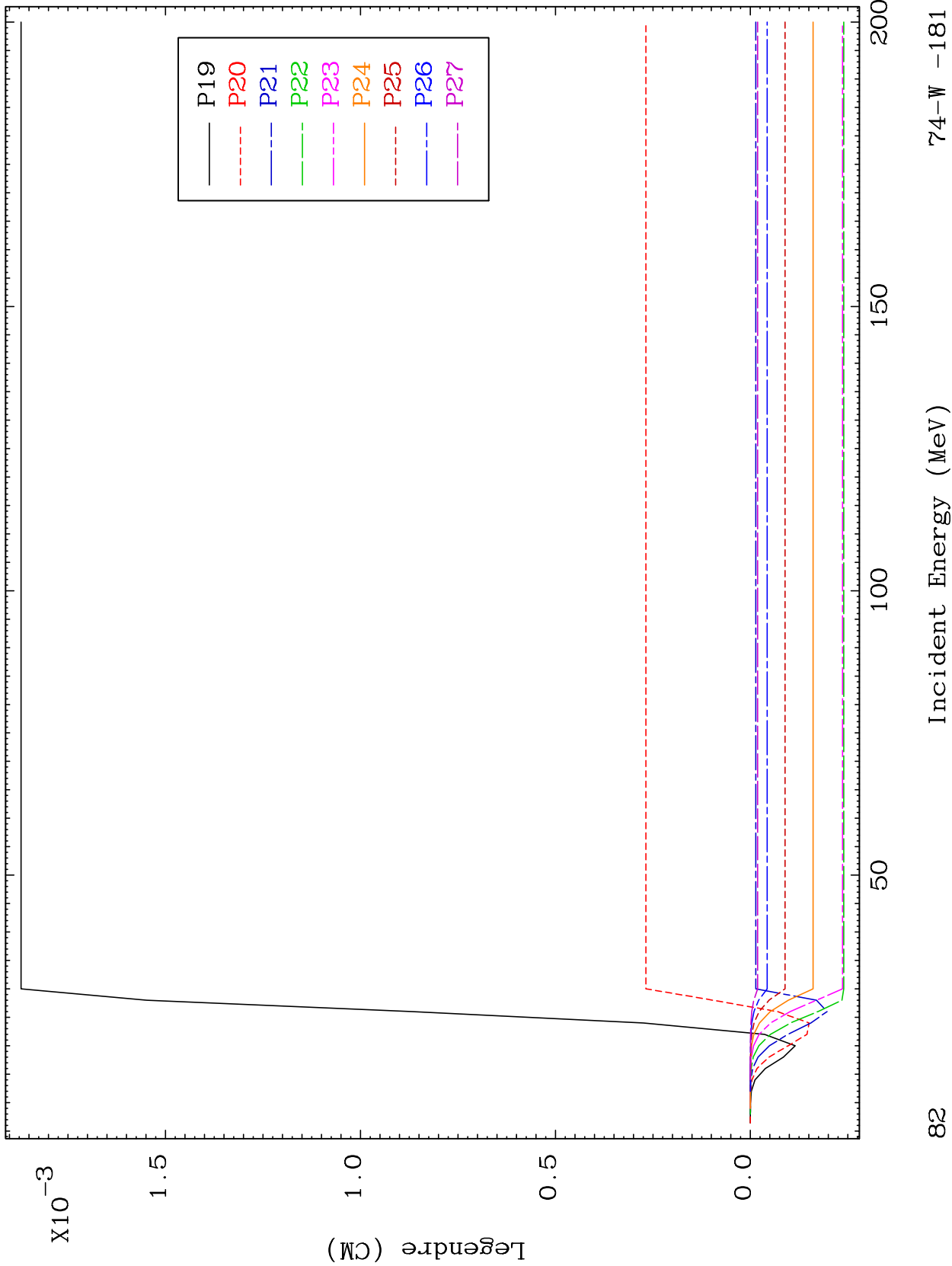
74-W -181



81

Incident Energy (MeV)

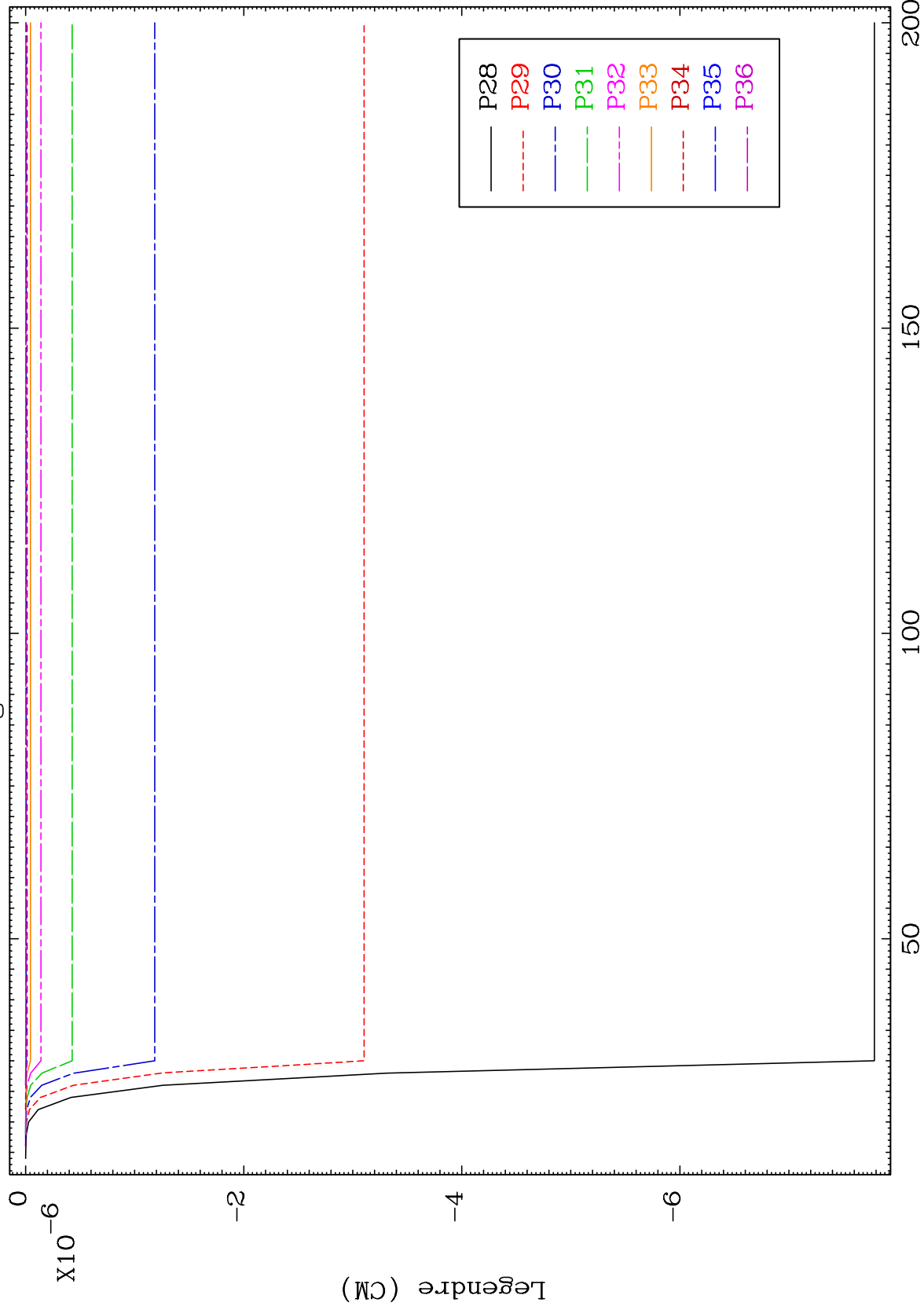
74-W -181



MAT 7428

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

74-W -181



83

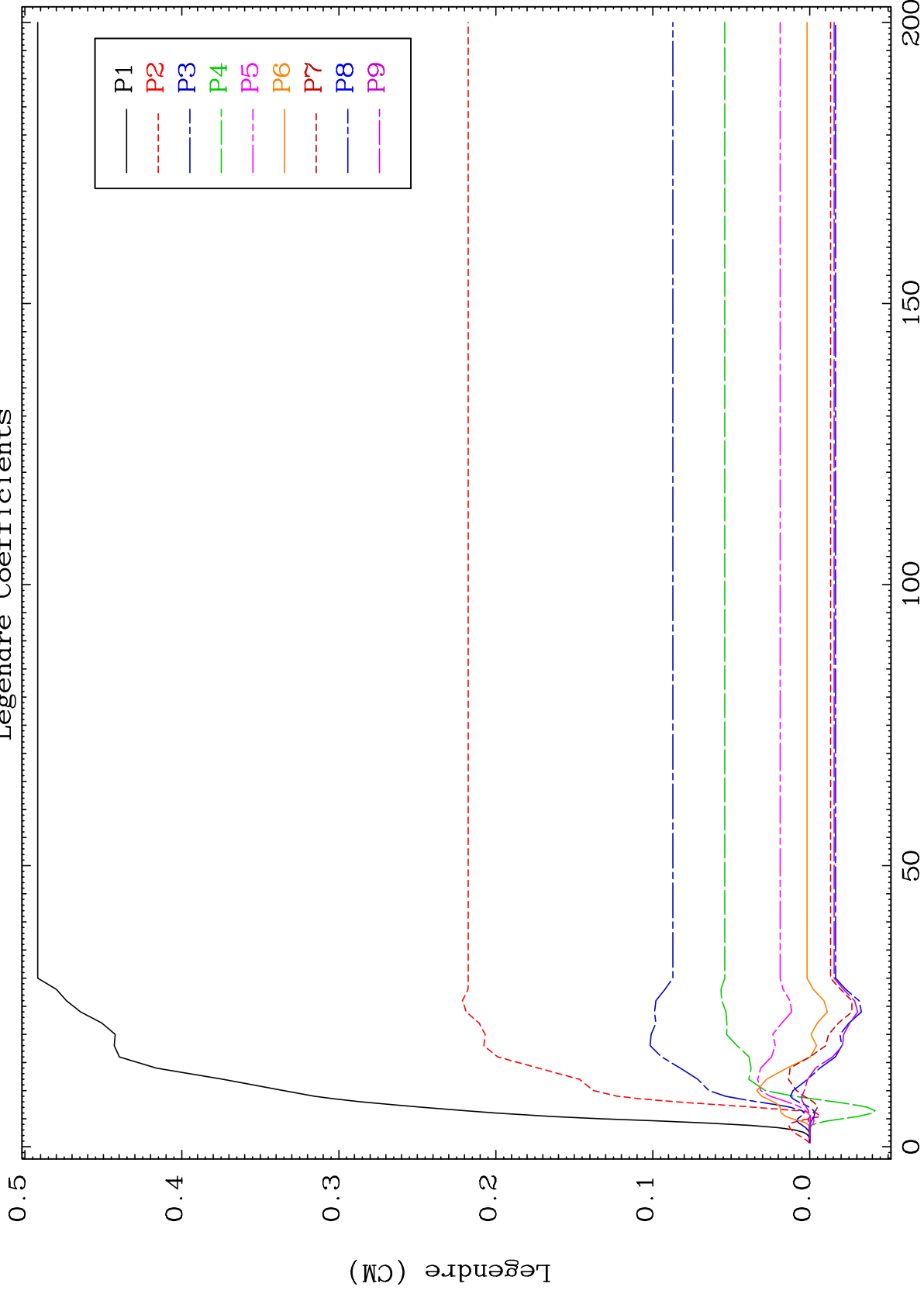
74-W -181

MAT 7428

MT= 67 (n,n') Level

74-W -181

Legendre Coefficients



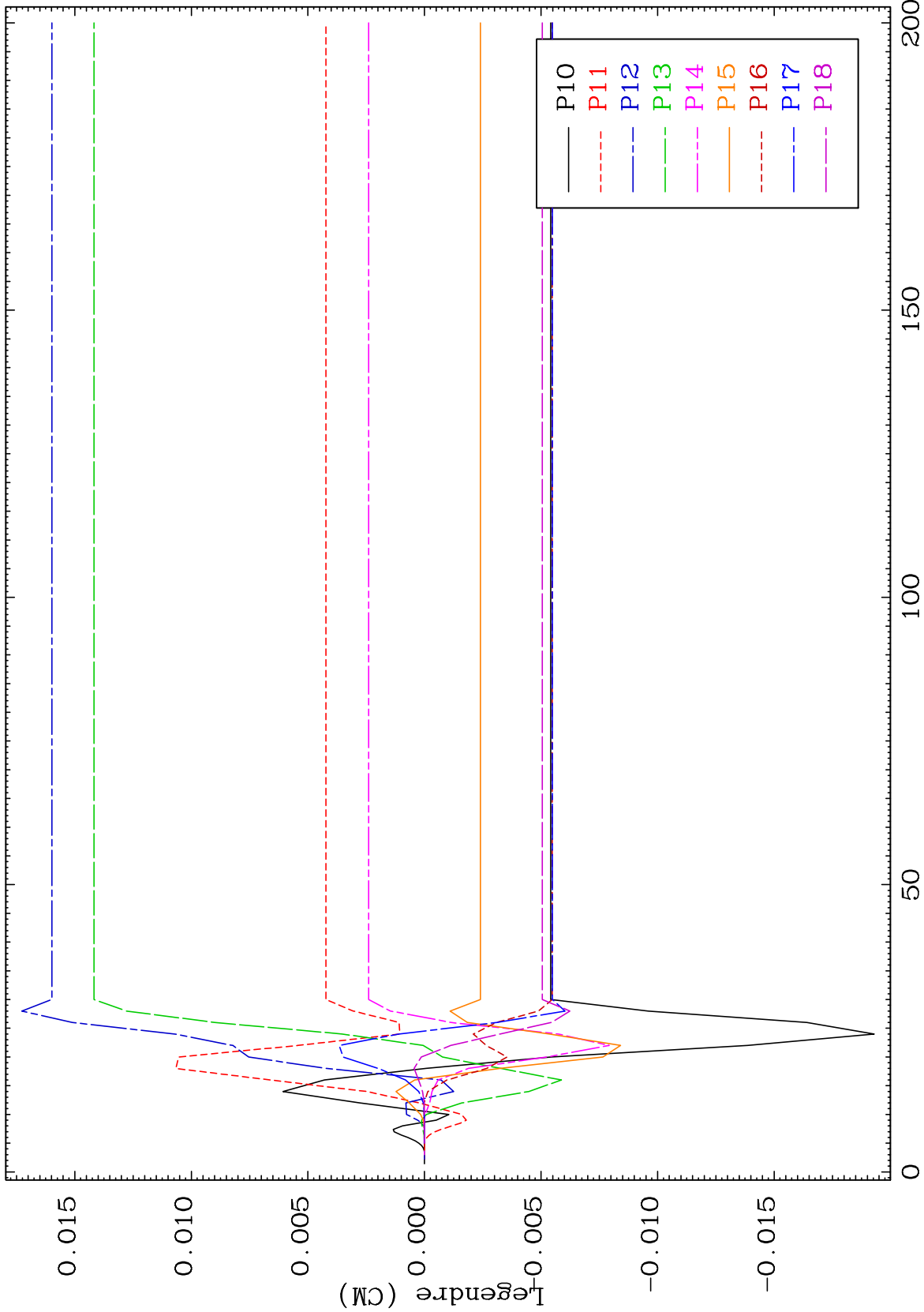
84

74-W -181

MAT 7428

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

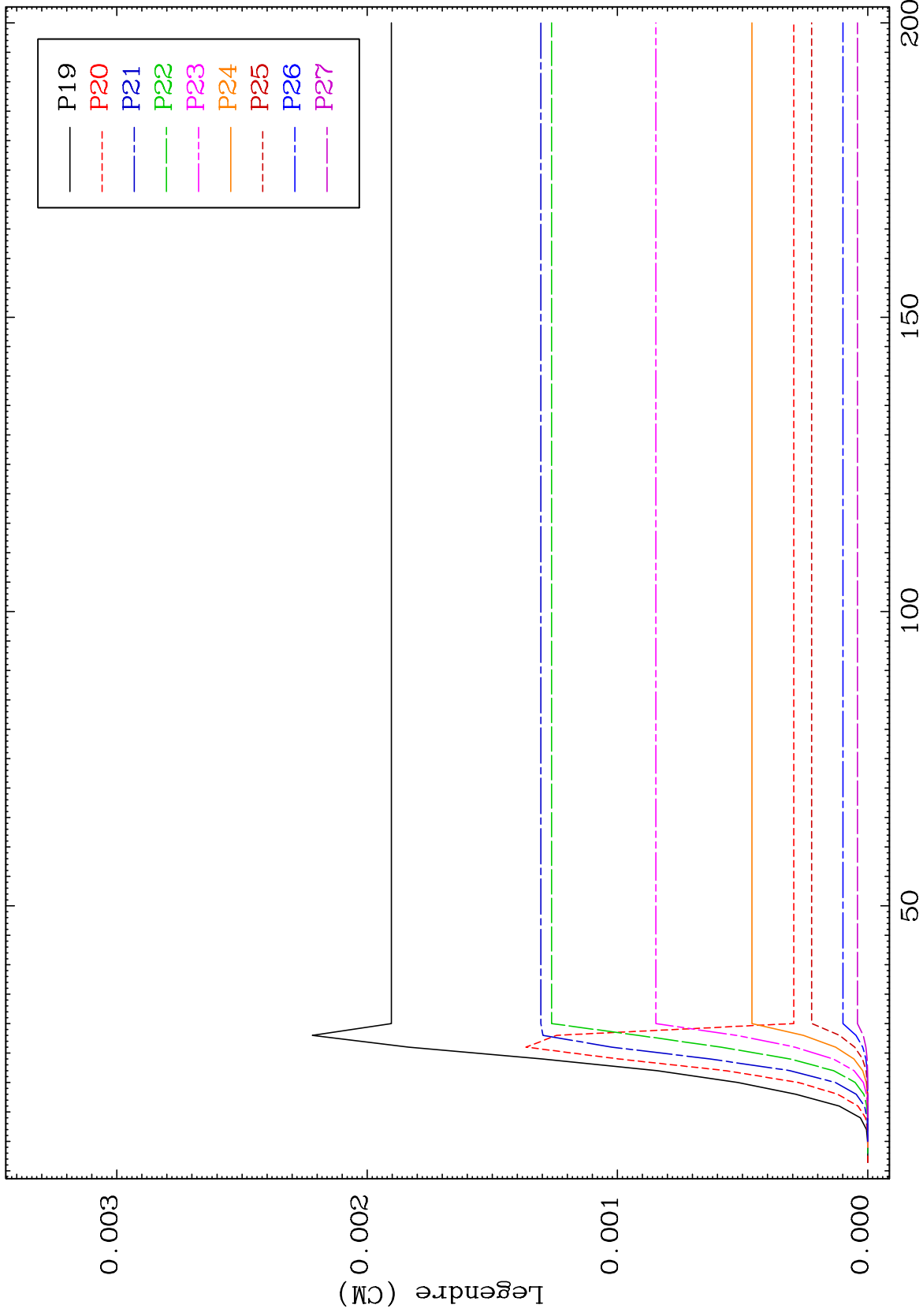
74-W -181



85

Incident Energy (MeV)

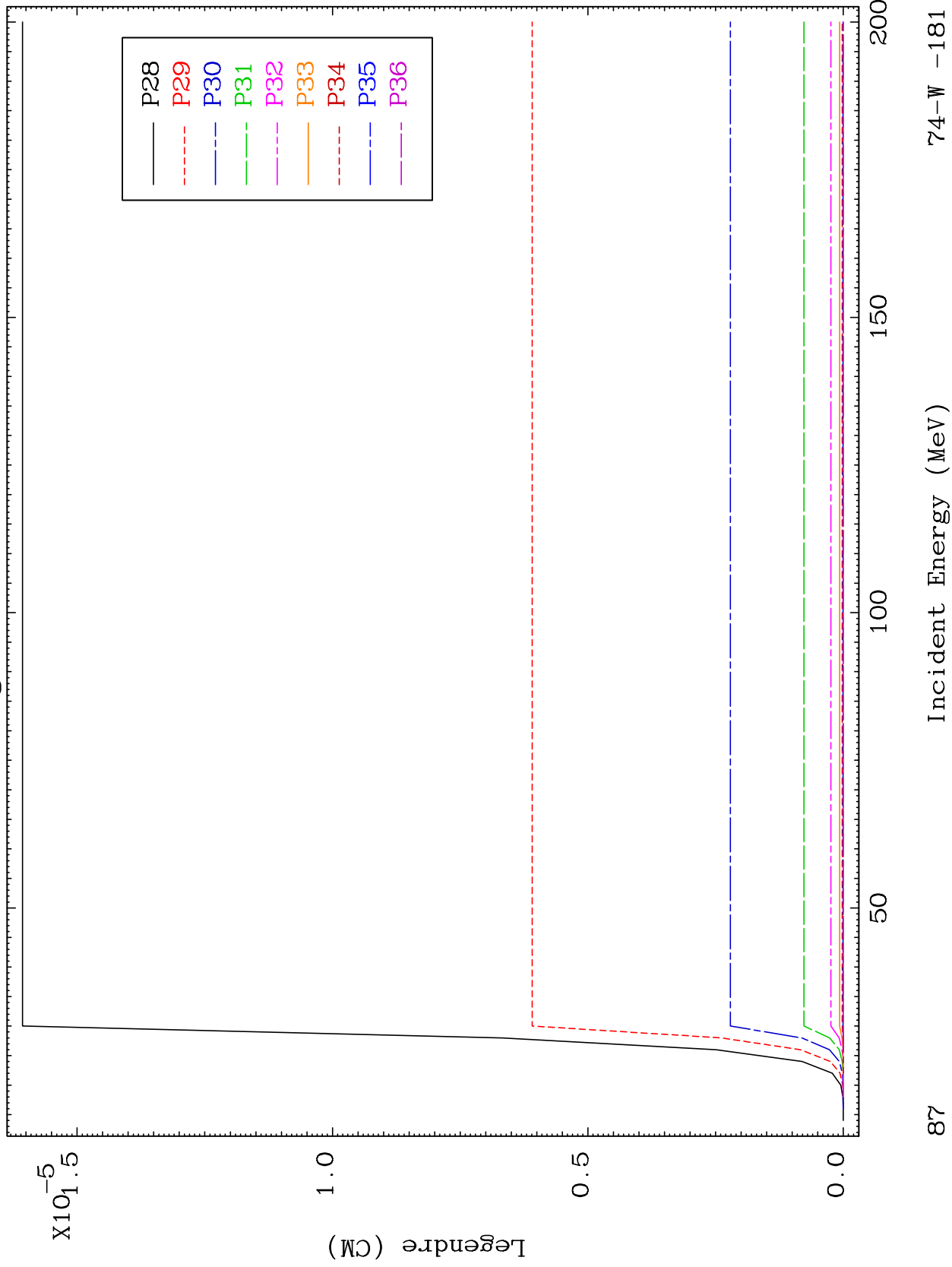
74-W -181

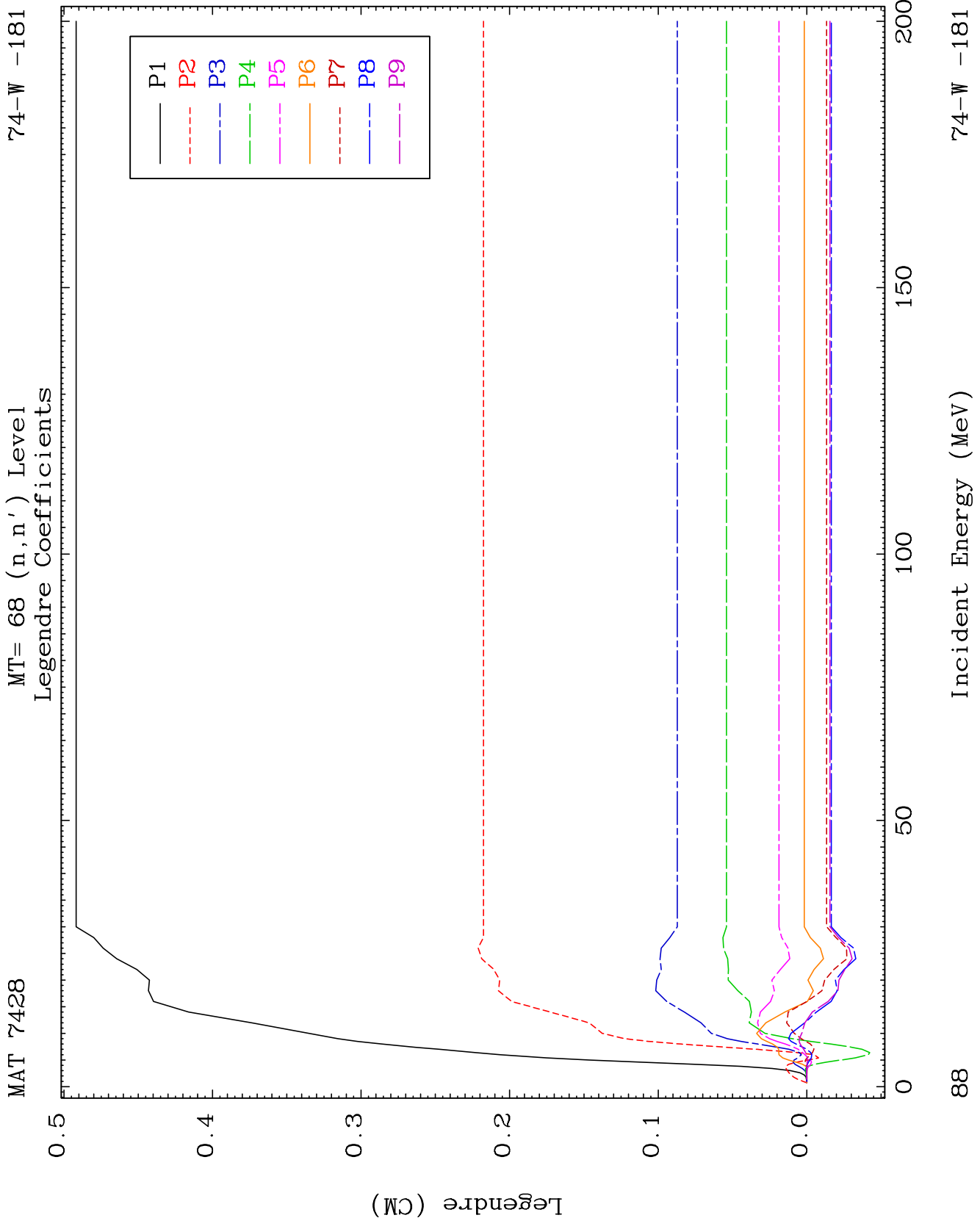


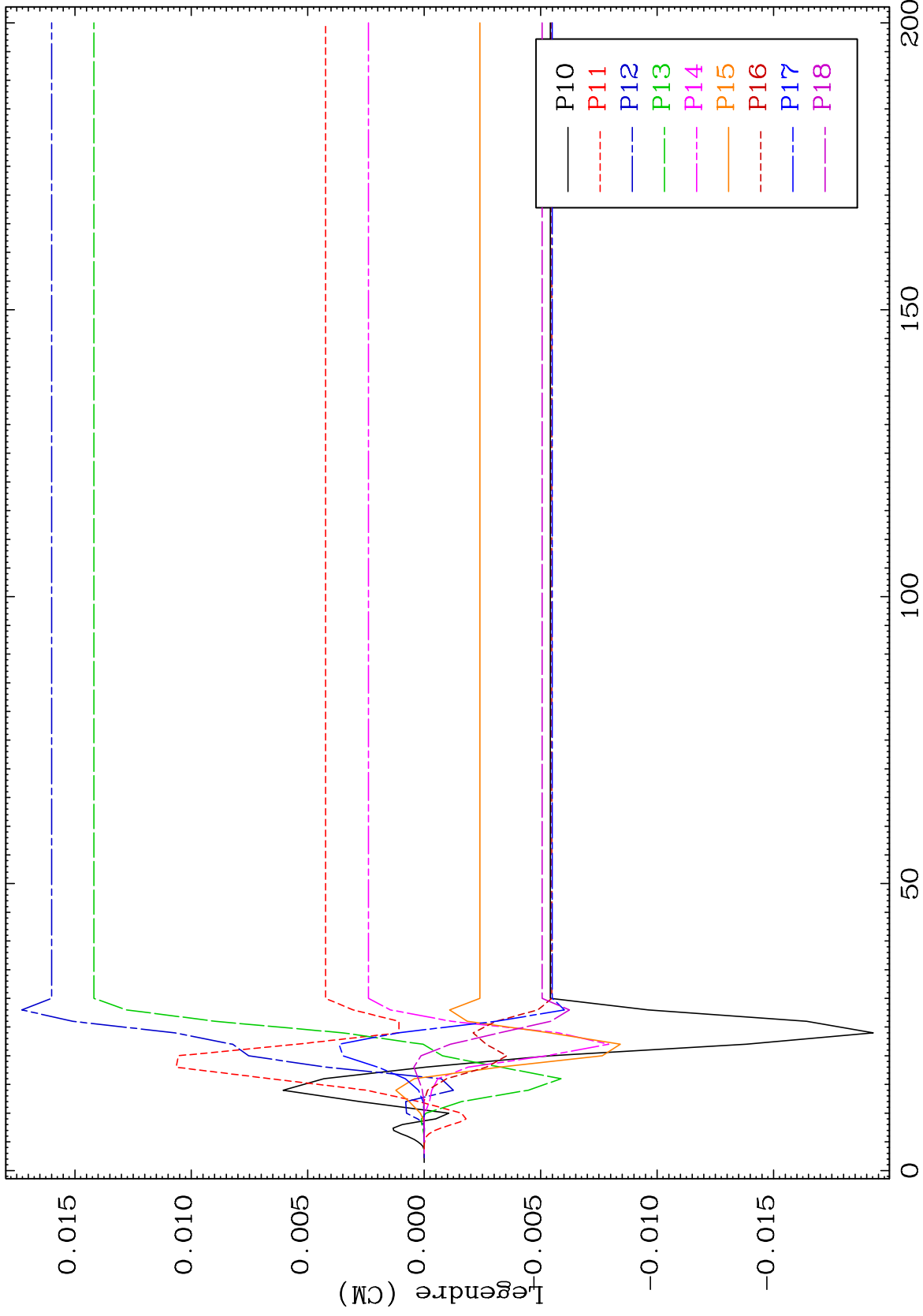
MAT 7428

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

74-W -181



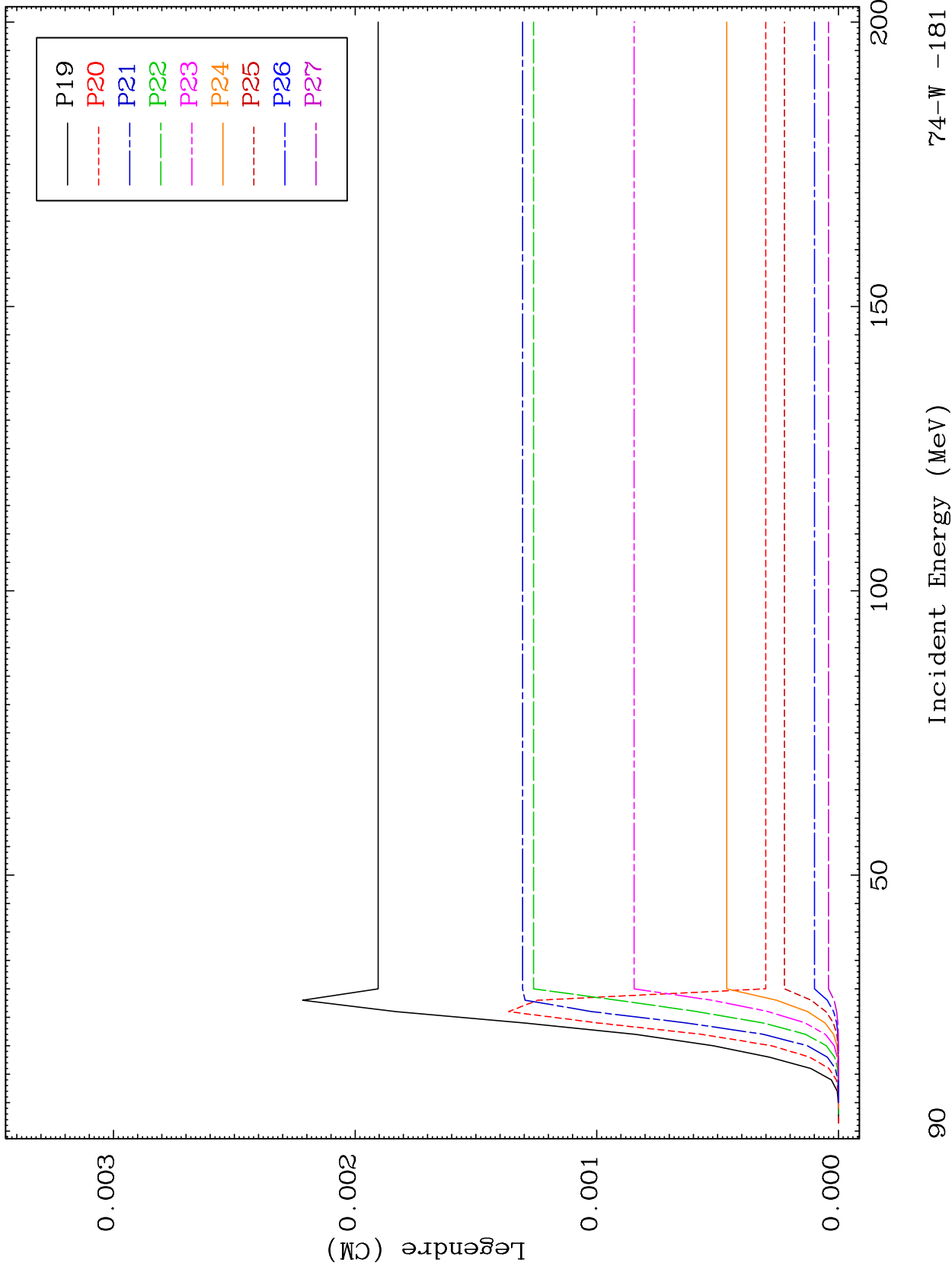




MAT 7428

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

74-W -181



90

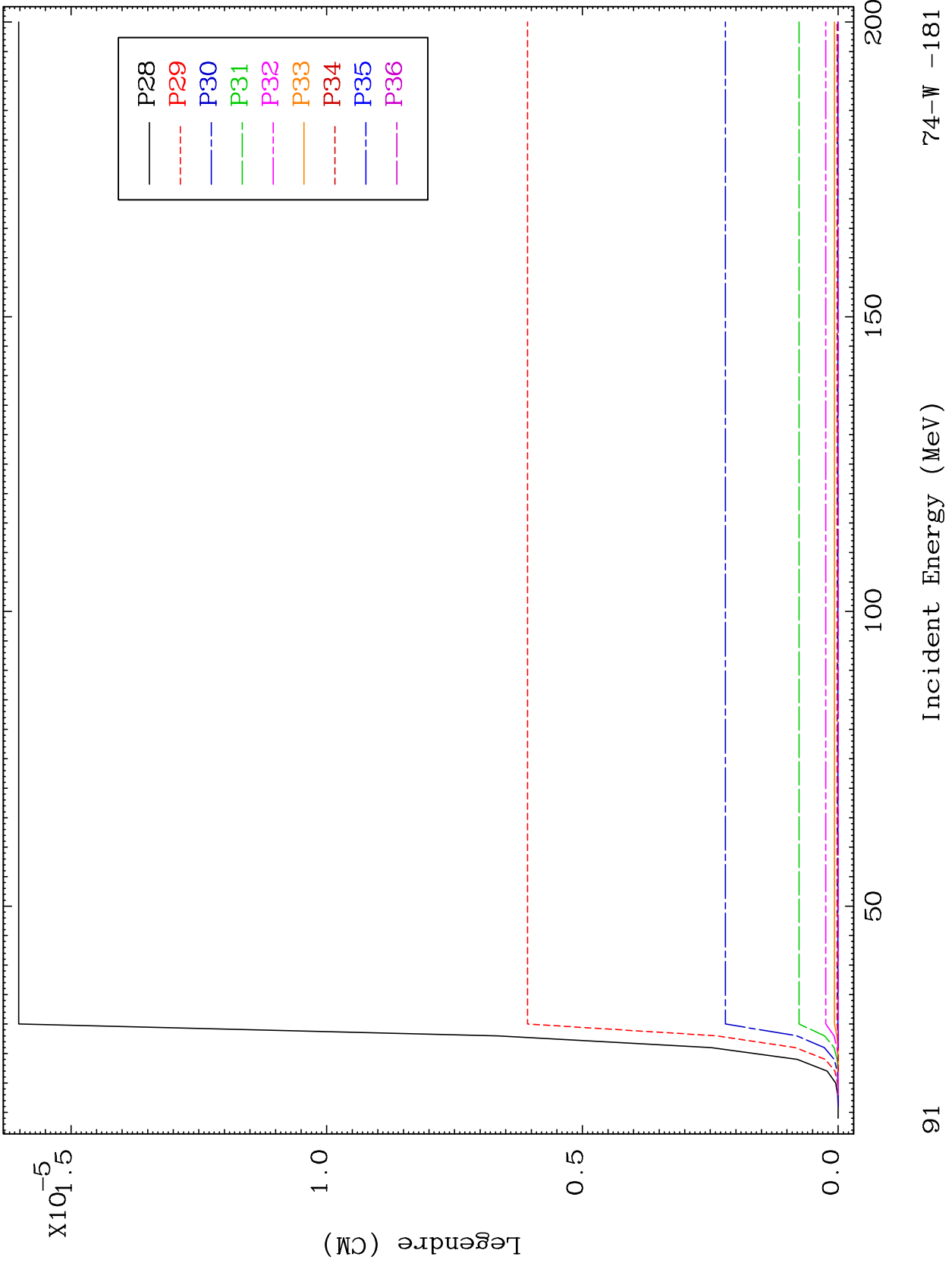
Incident Energy (MeV)

74-W -181

MAT 7428

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

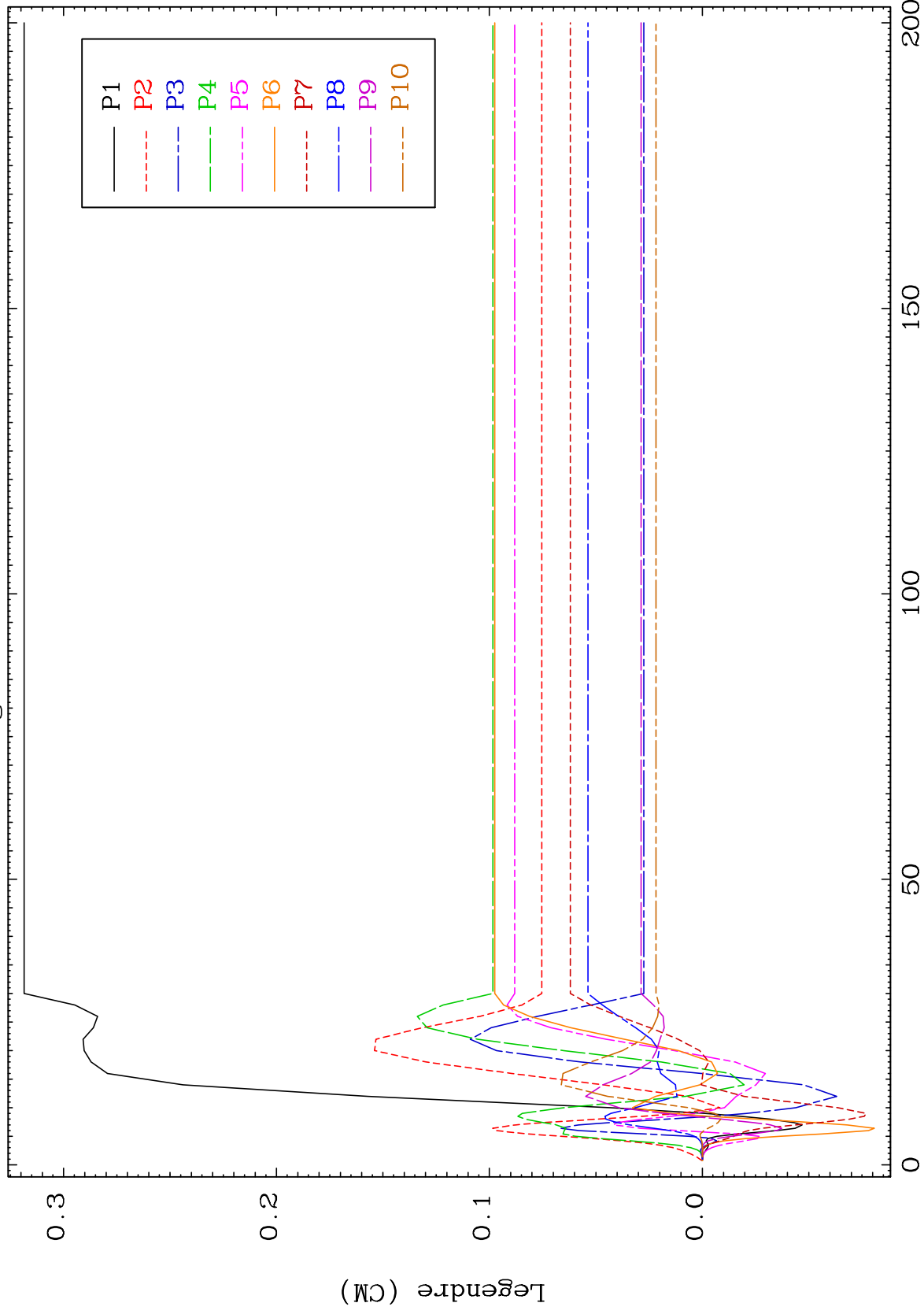
74-W -181



MAT 7428

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

74-W -181



92

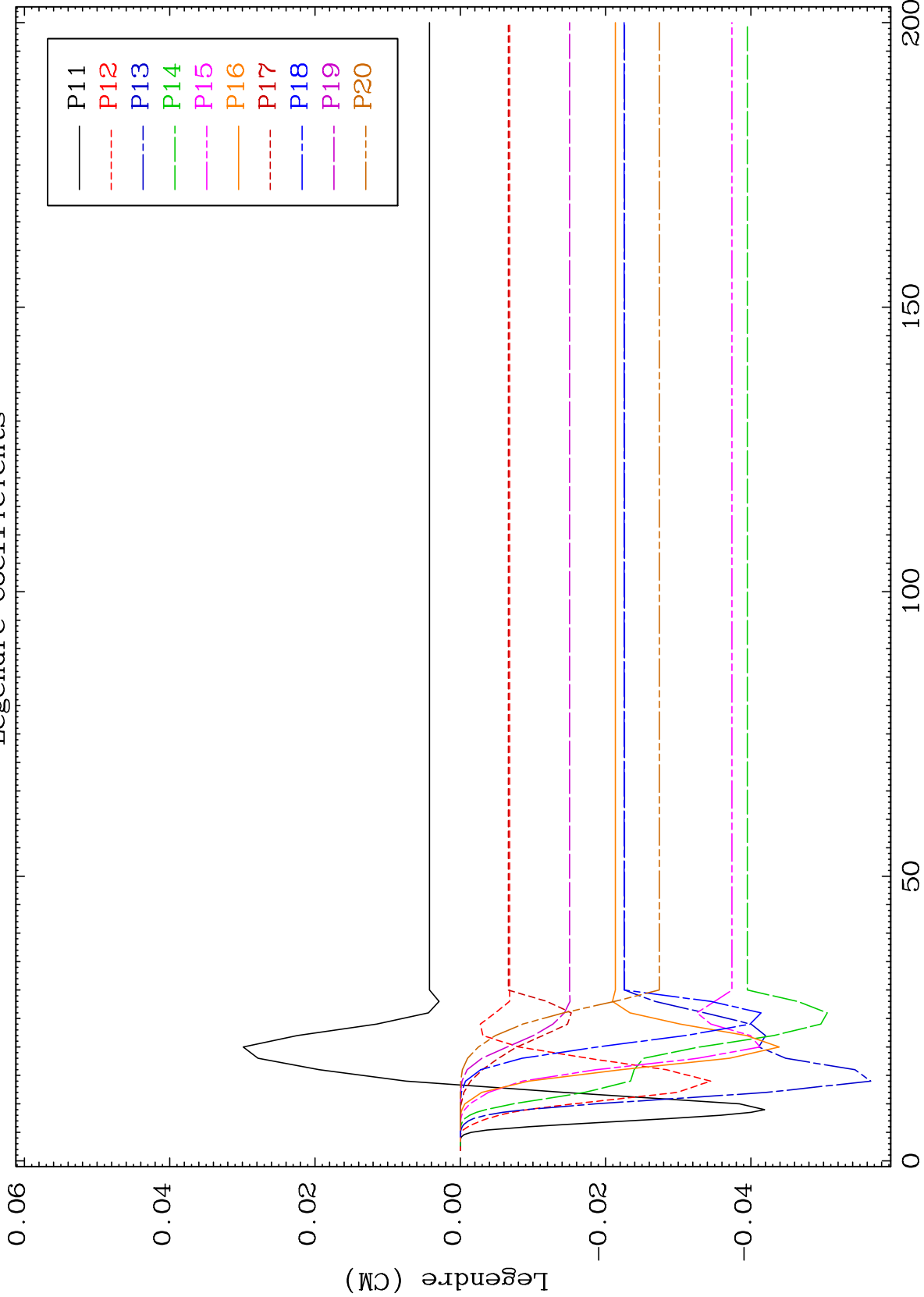
Incident Energy (MeV)

74-W -181

MAT 7428

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

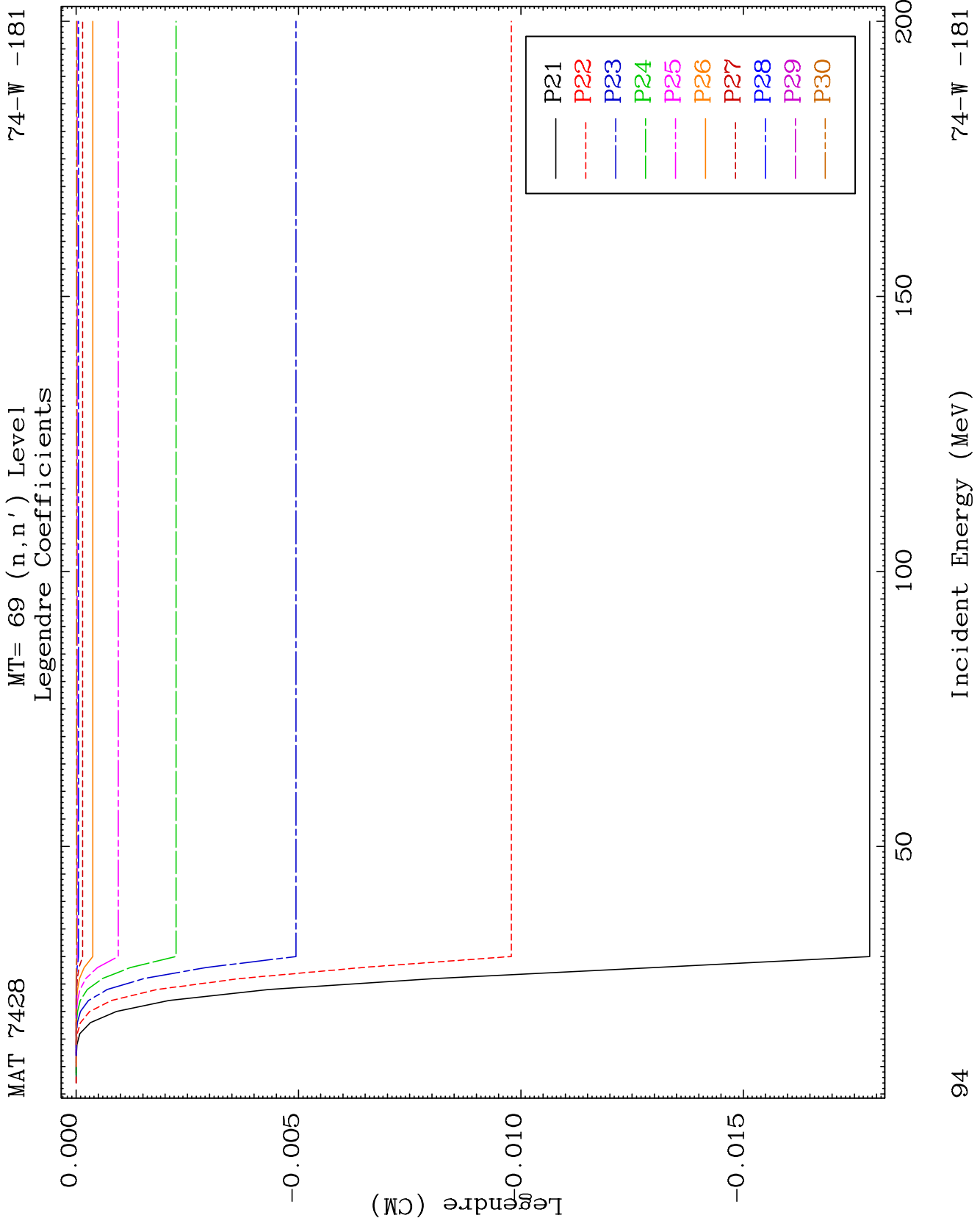
74-W -181

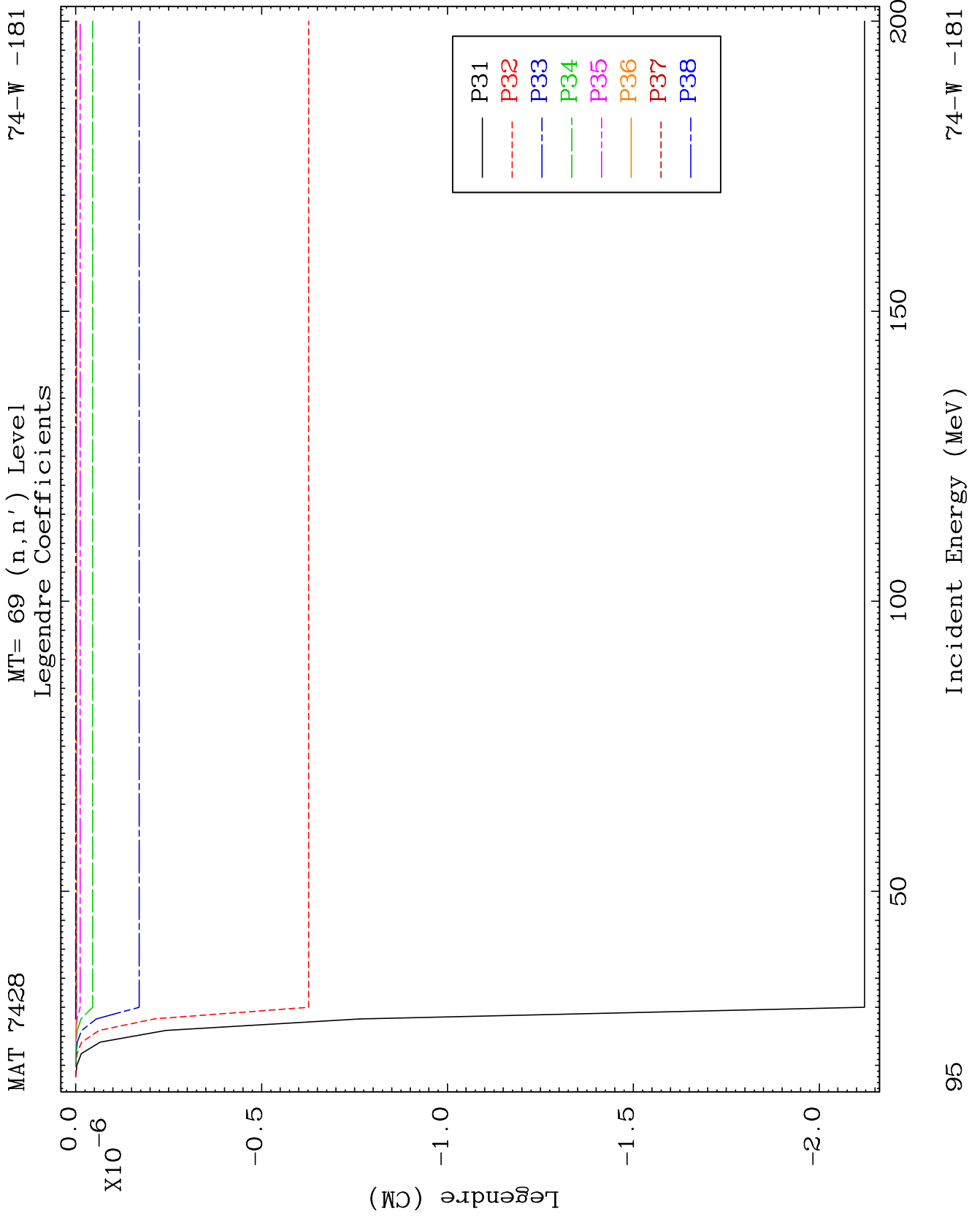


93

Incident Energy (MeV)

74-W -181

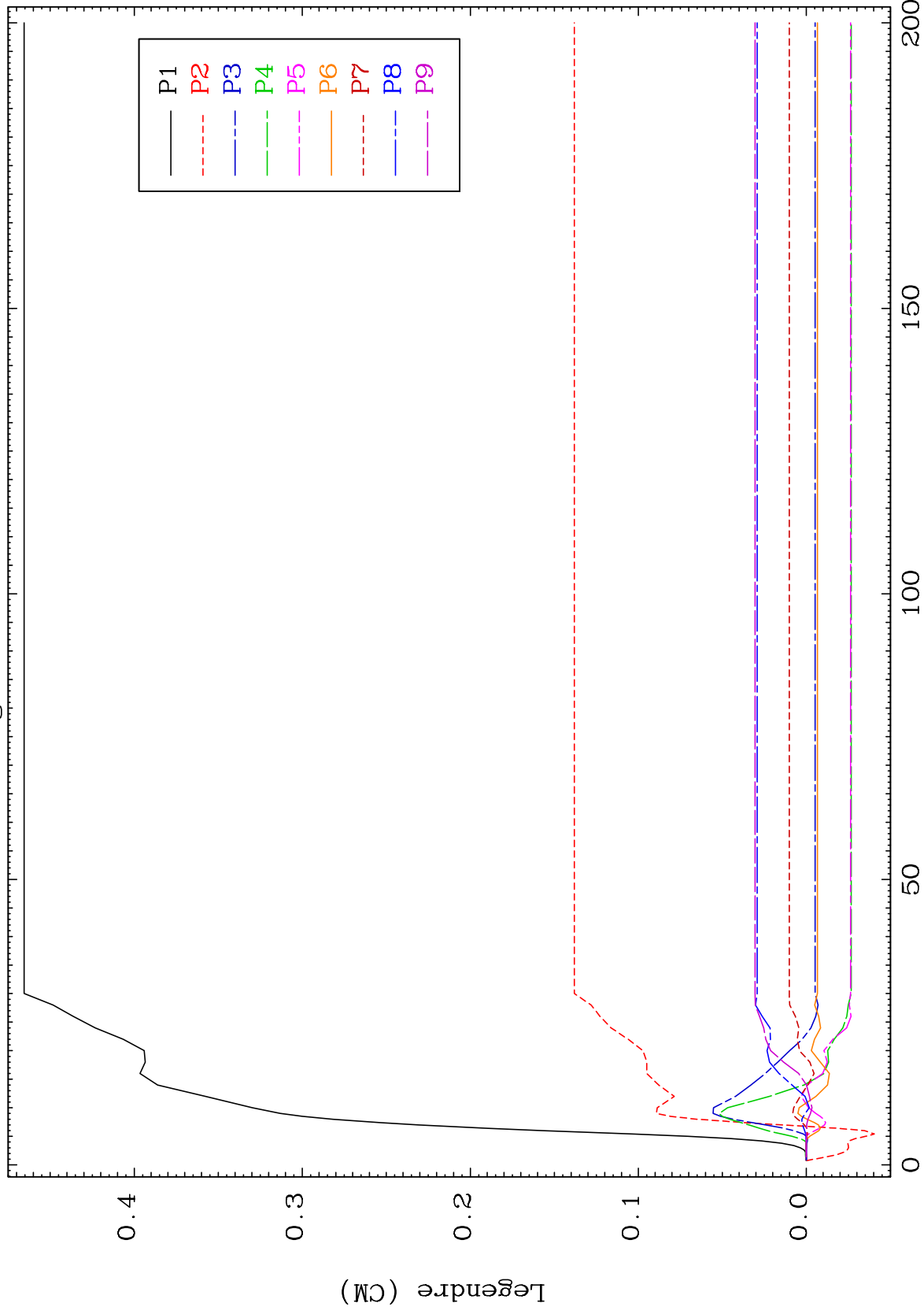




MAT 7428

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

74-W -181



96

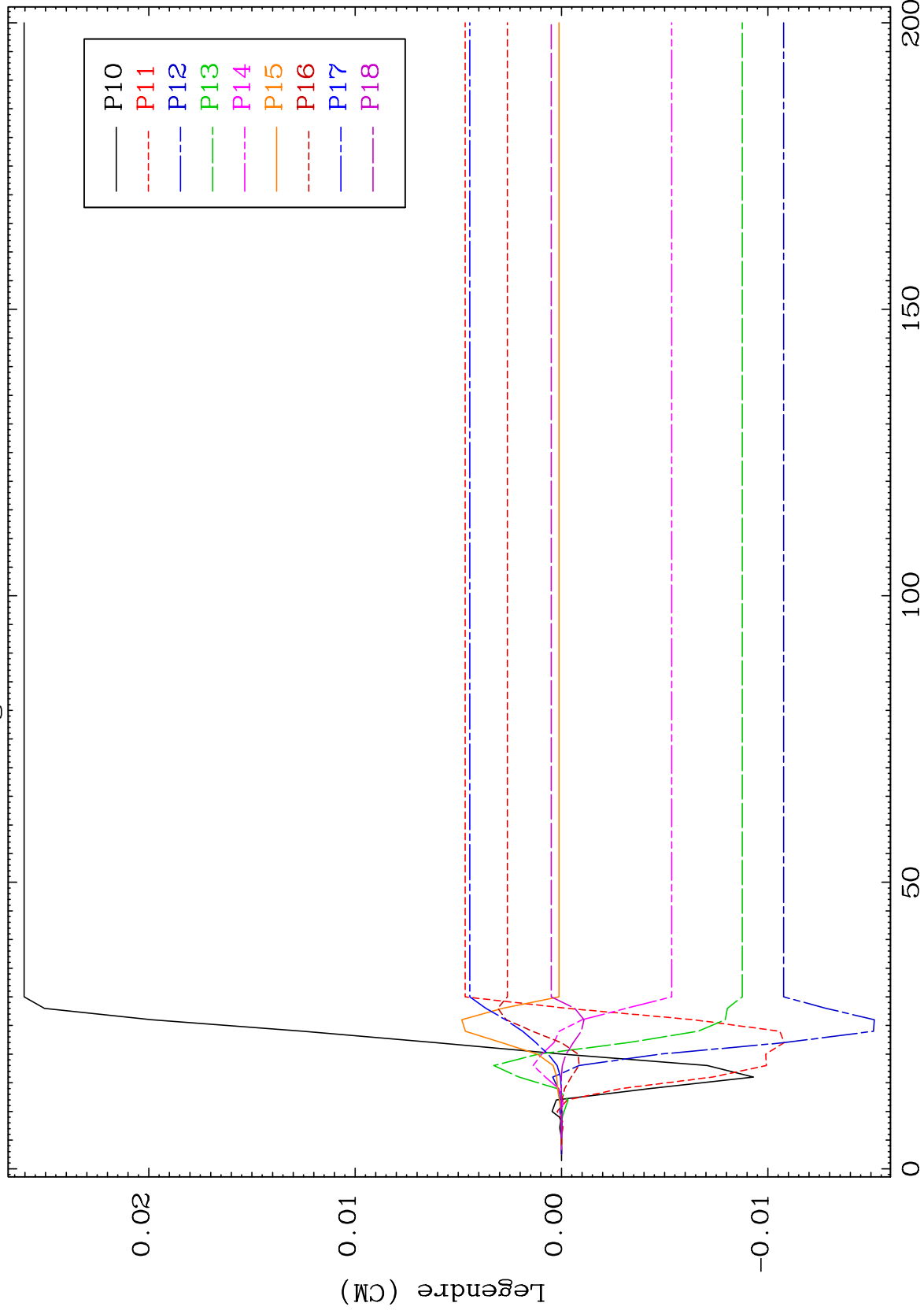
Incident Energy (MeV)

74-W -181

MAT 7428

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

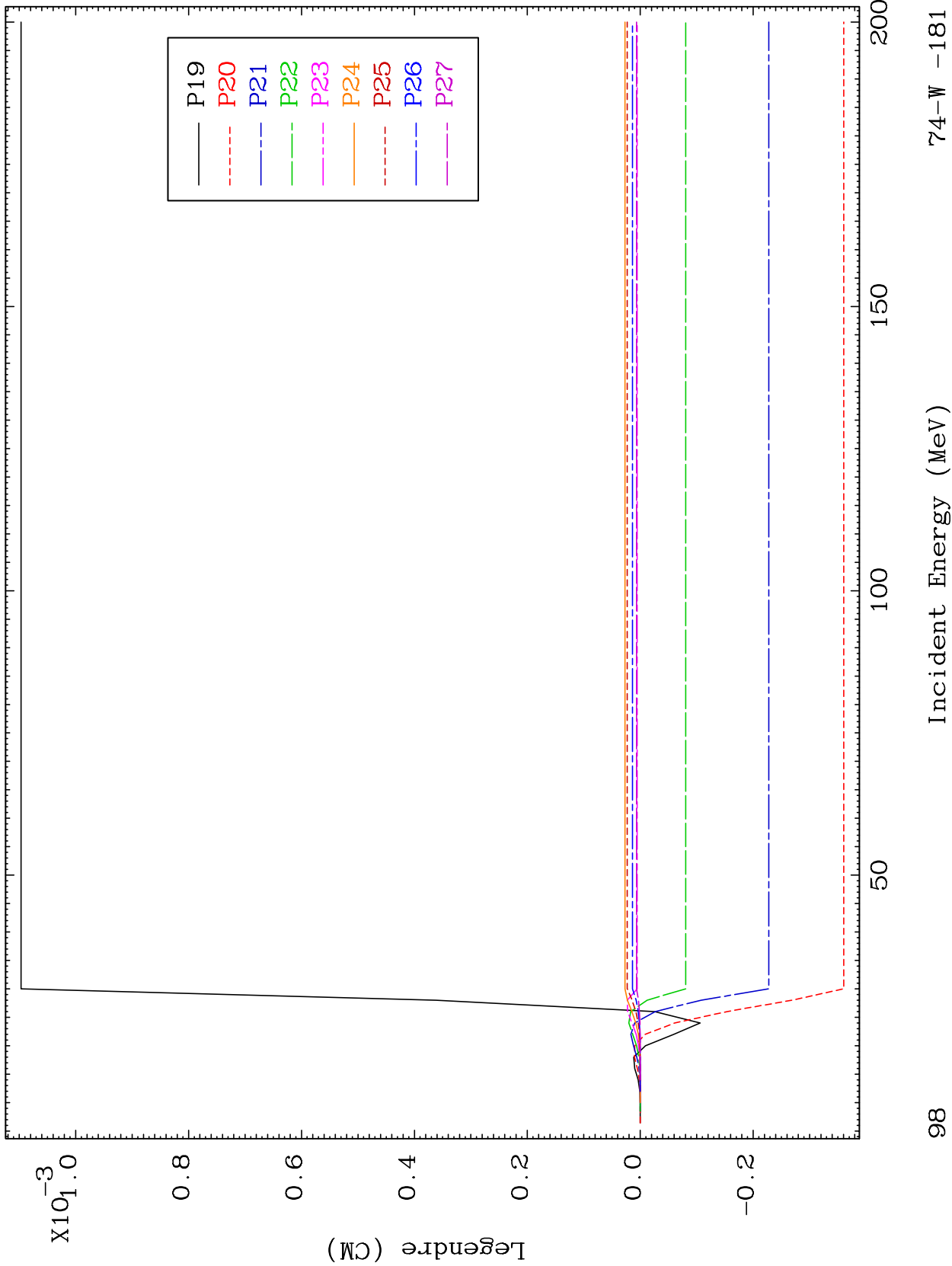
74-W -181

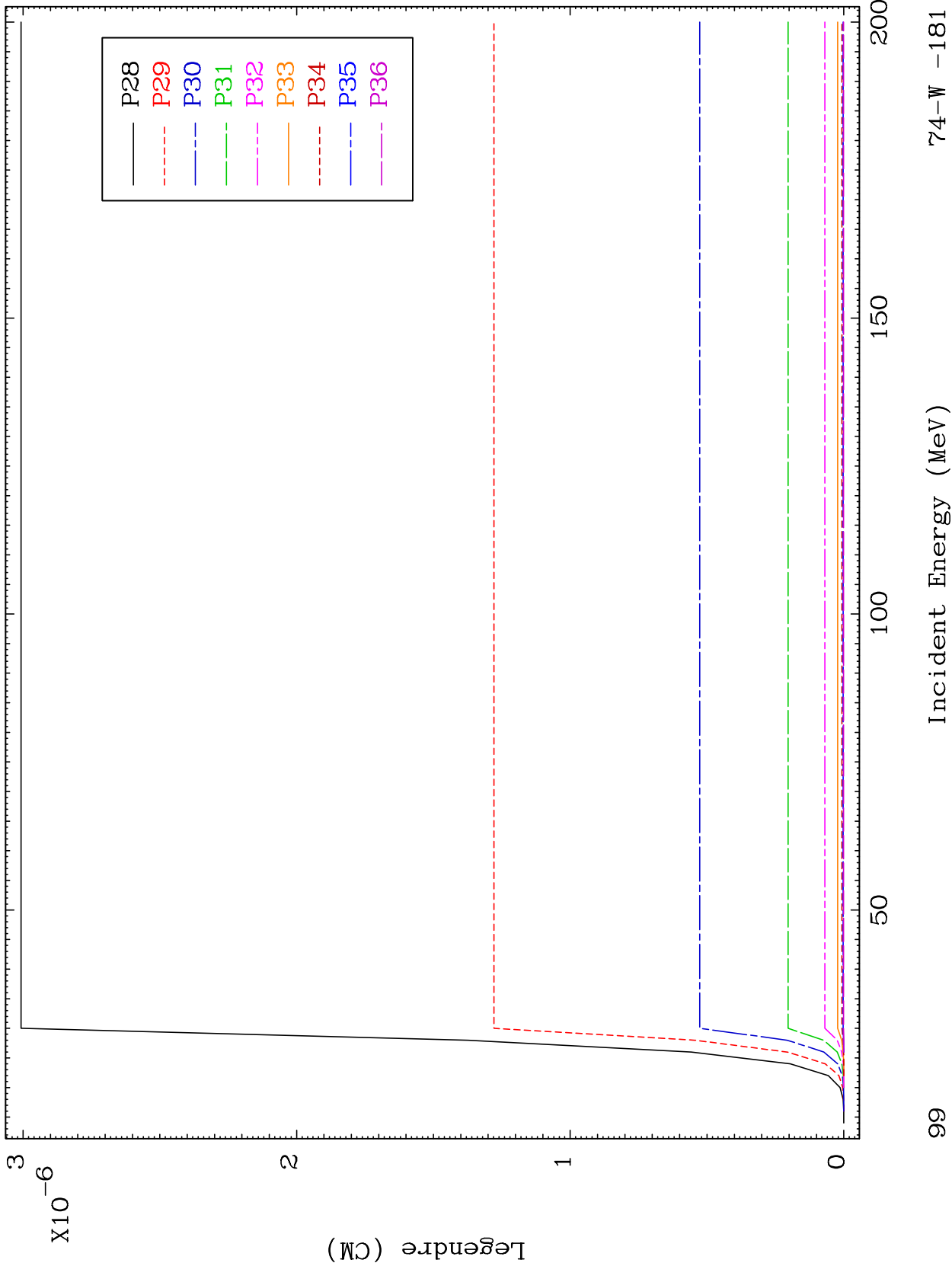


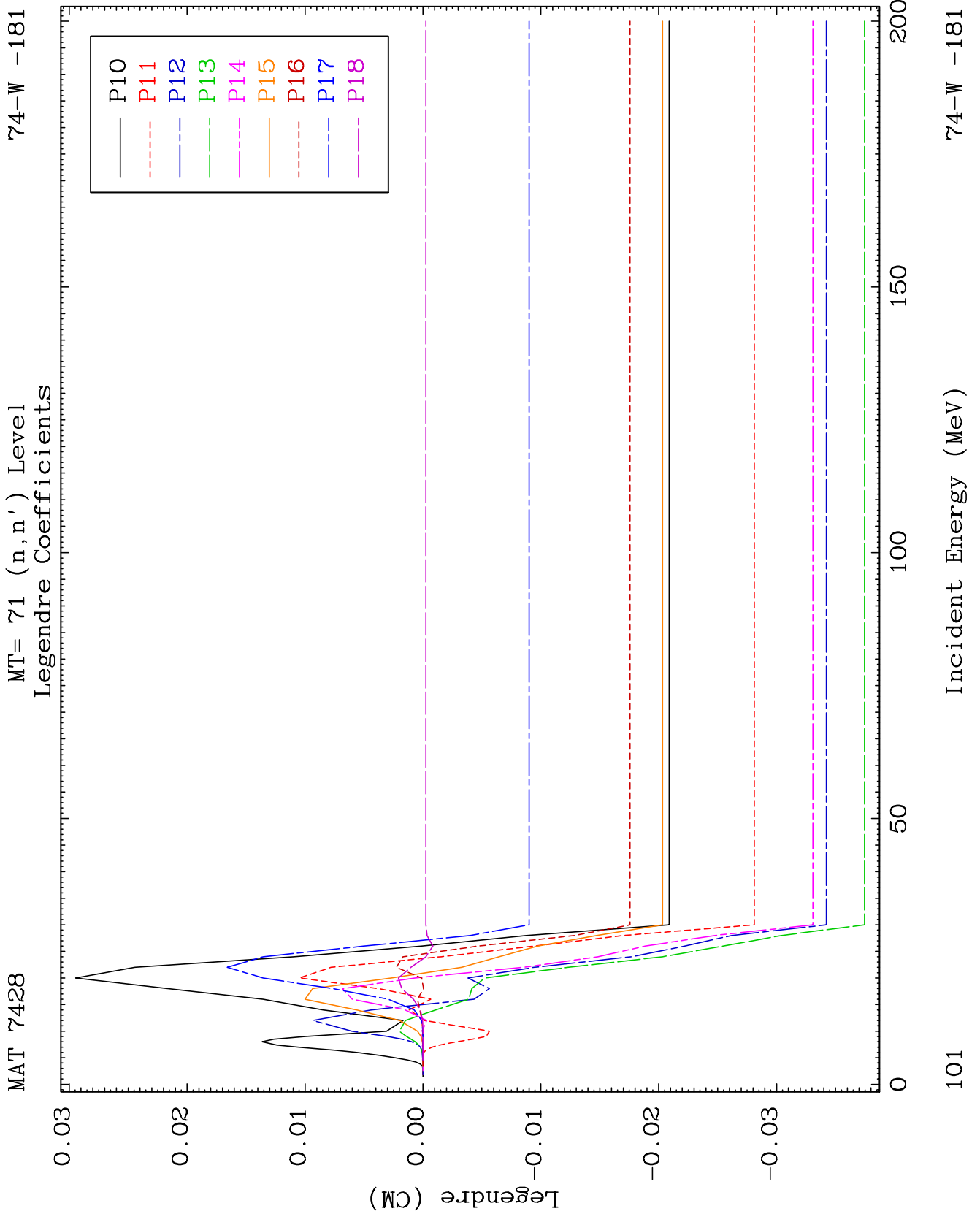
97

Incident Energy (MeV)

74-W -181



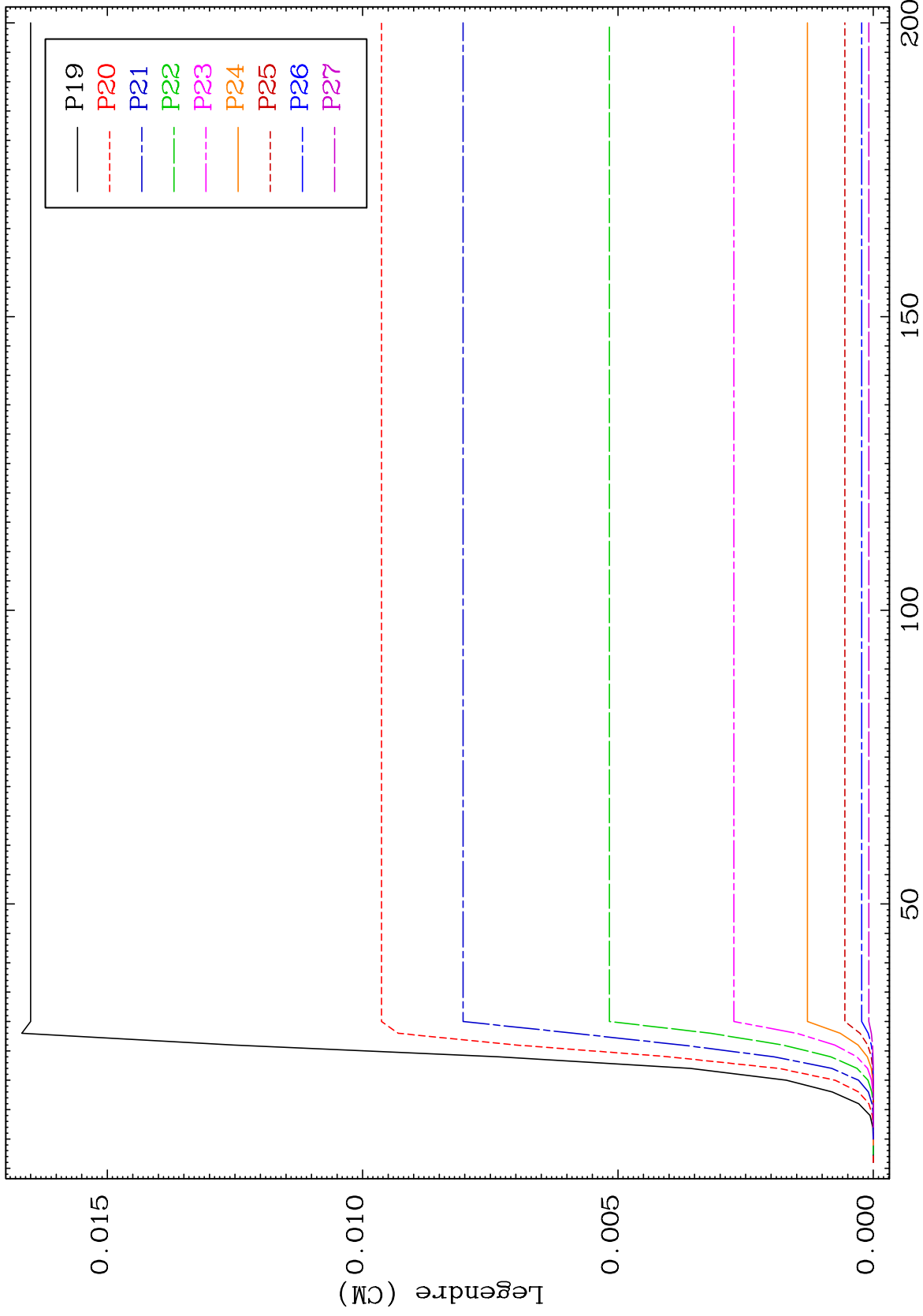




MAT 7428

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

74-W -181



102

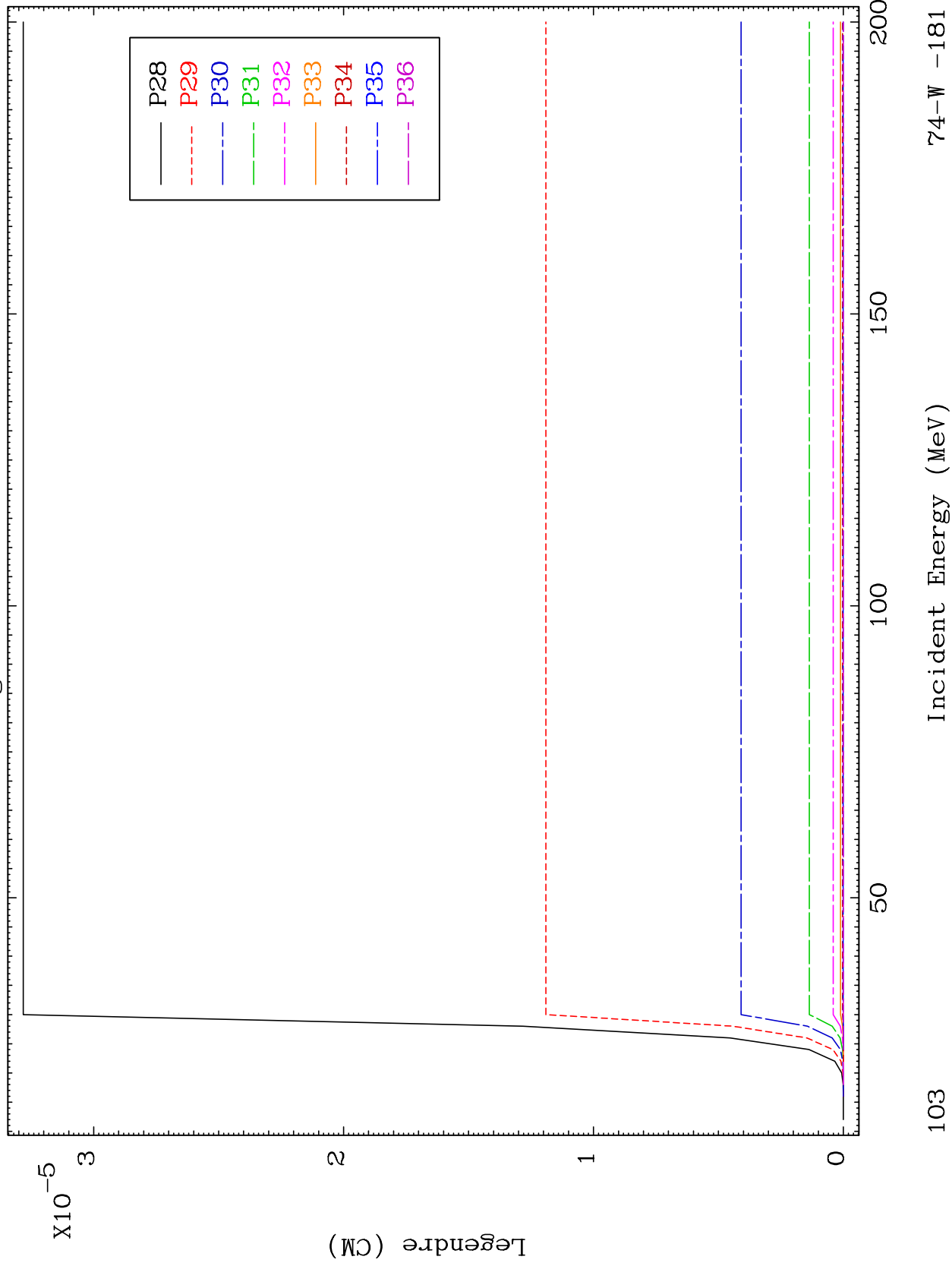
Incident Energy (MeV)

74-W -181

MAT 7428

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

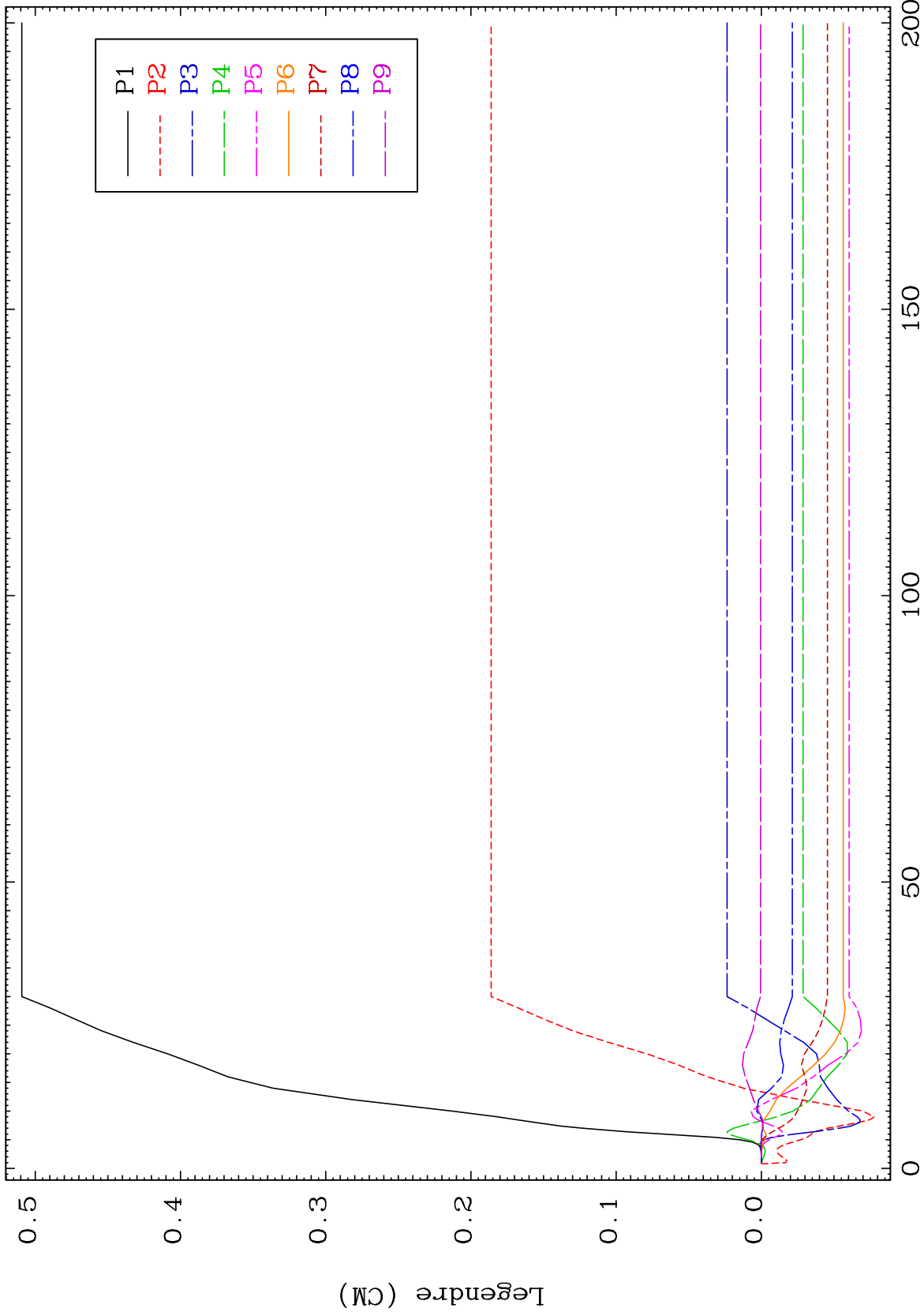
74-W -181



MAT 7428

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

74-W -181



104

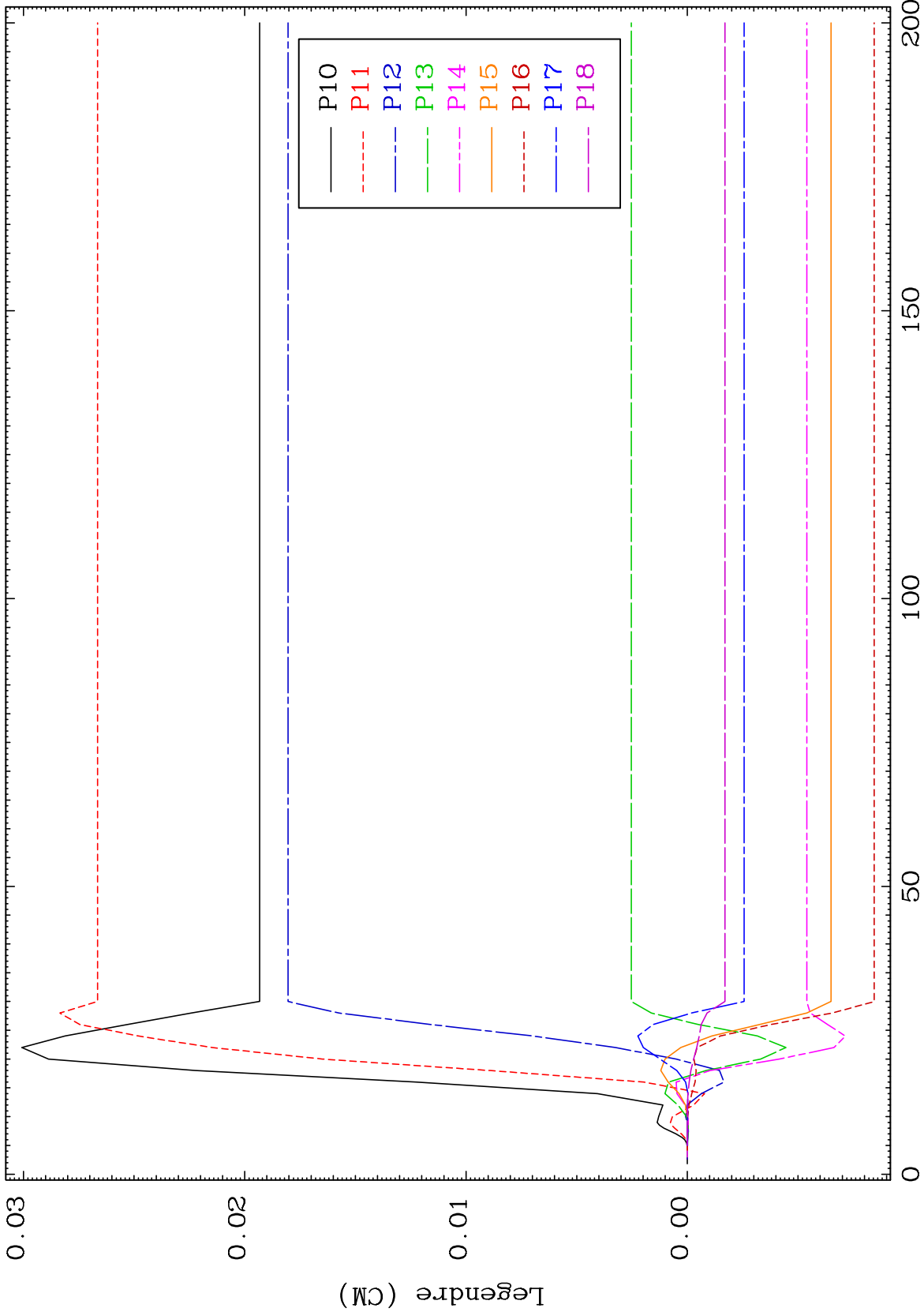
Incident Energy (MeV)

74-W -181

MAT 7428

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

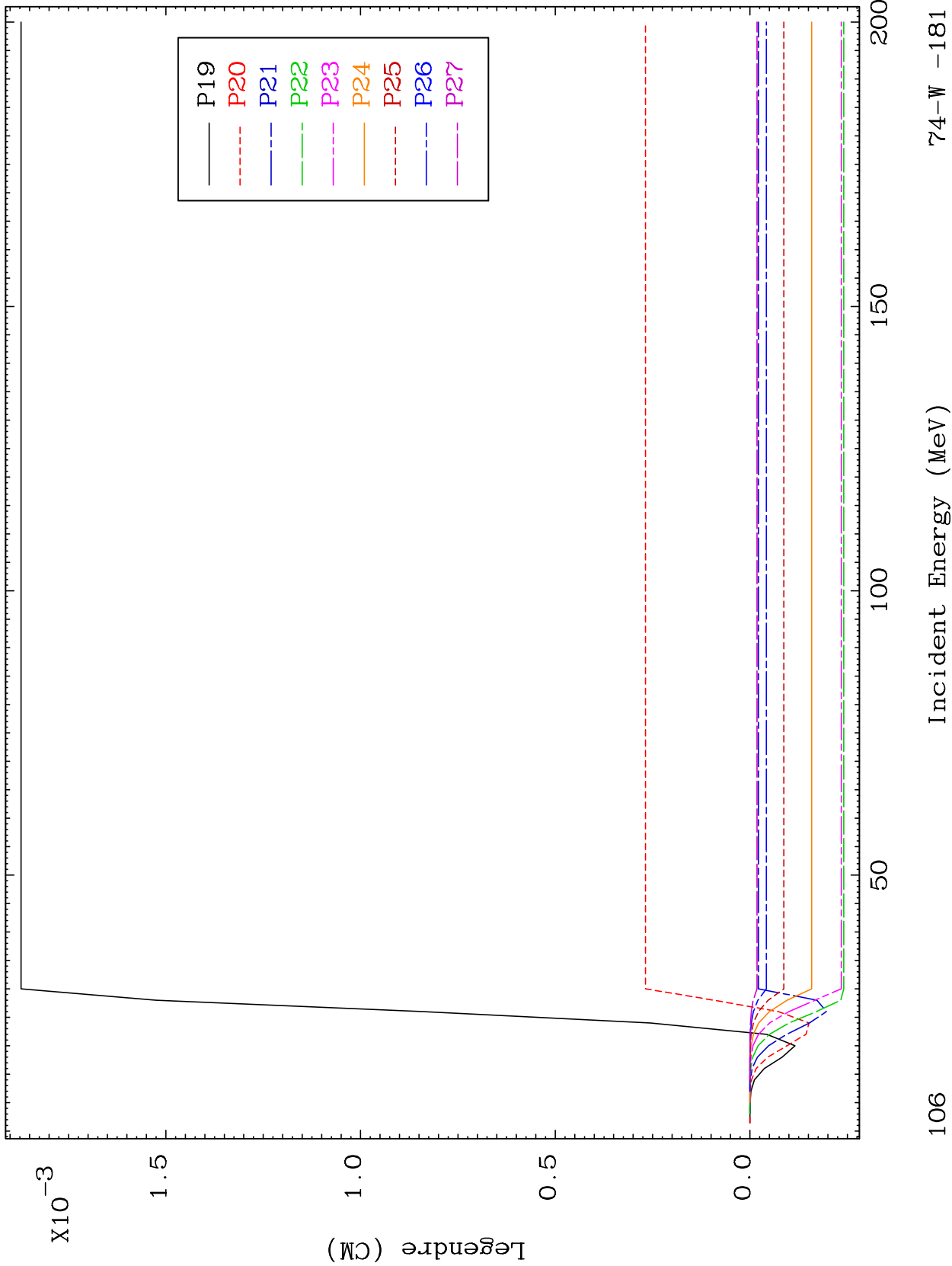
74-W -181

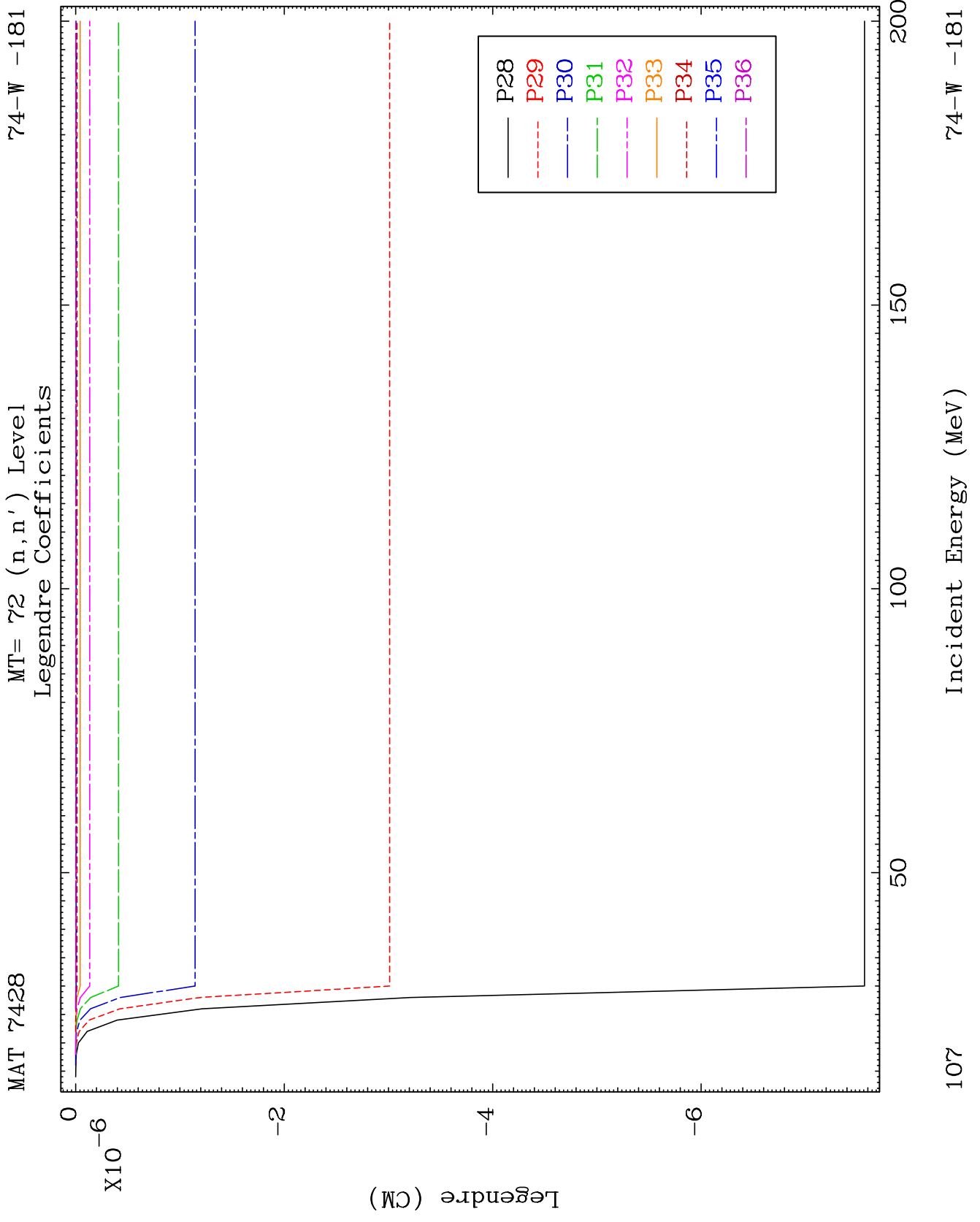


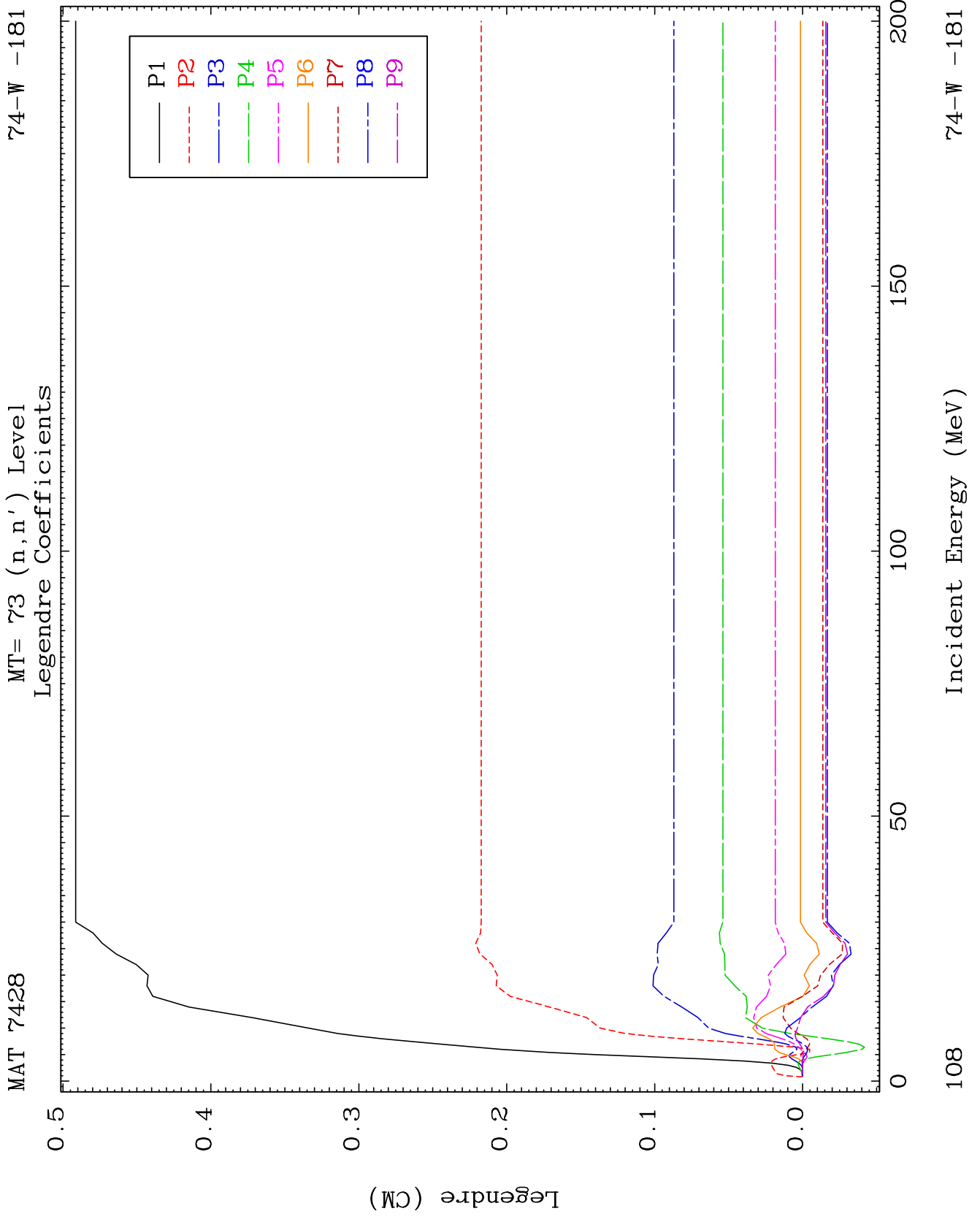
105

Incident Energy (MeV)

74-W -181



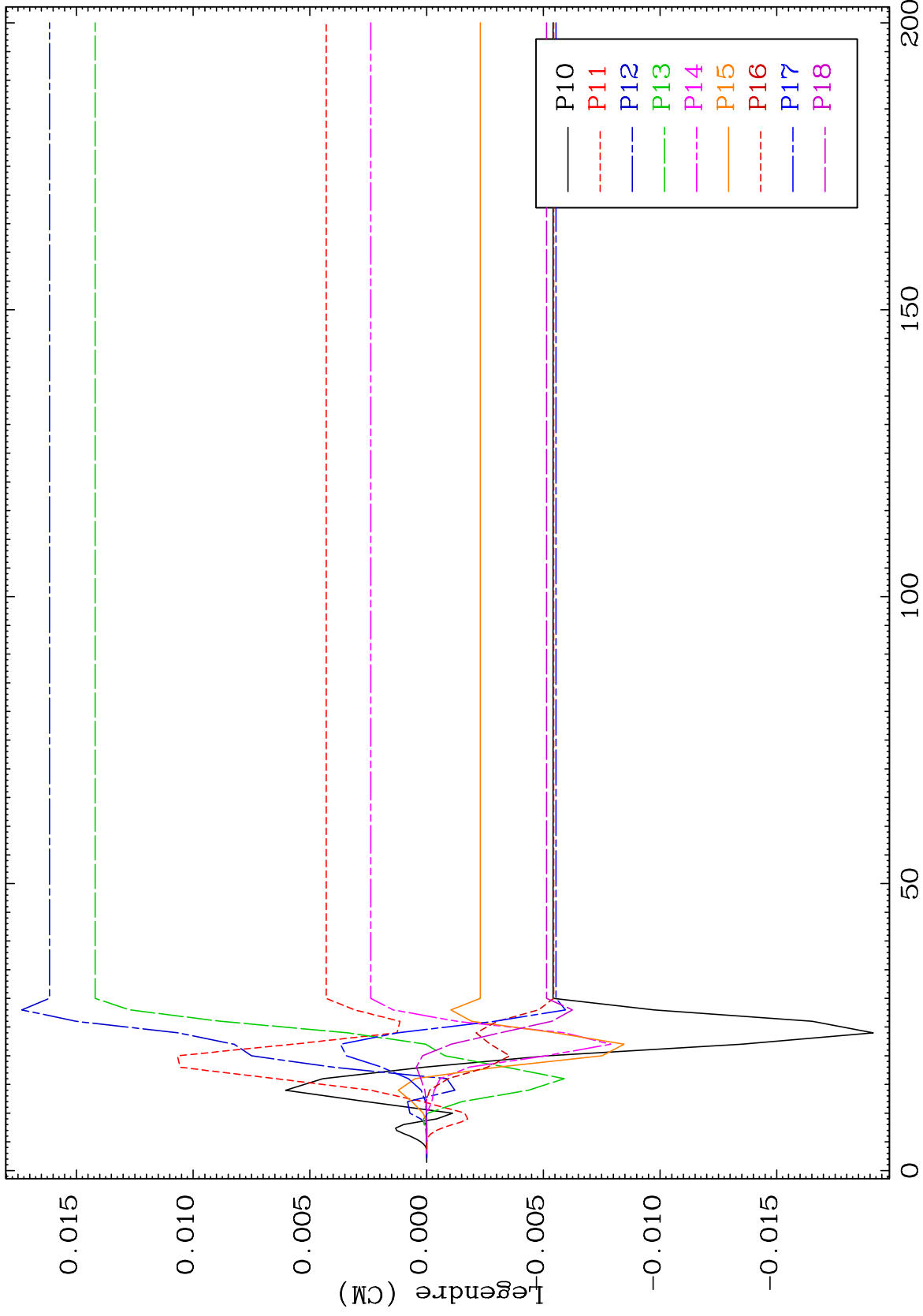




MAT 7428

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

74-W -181



109

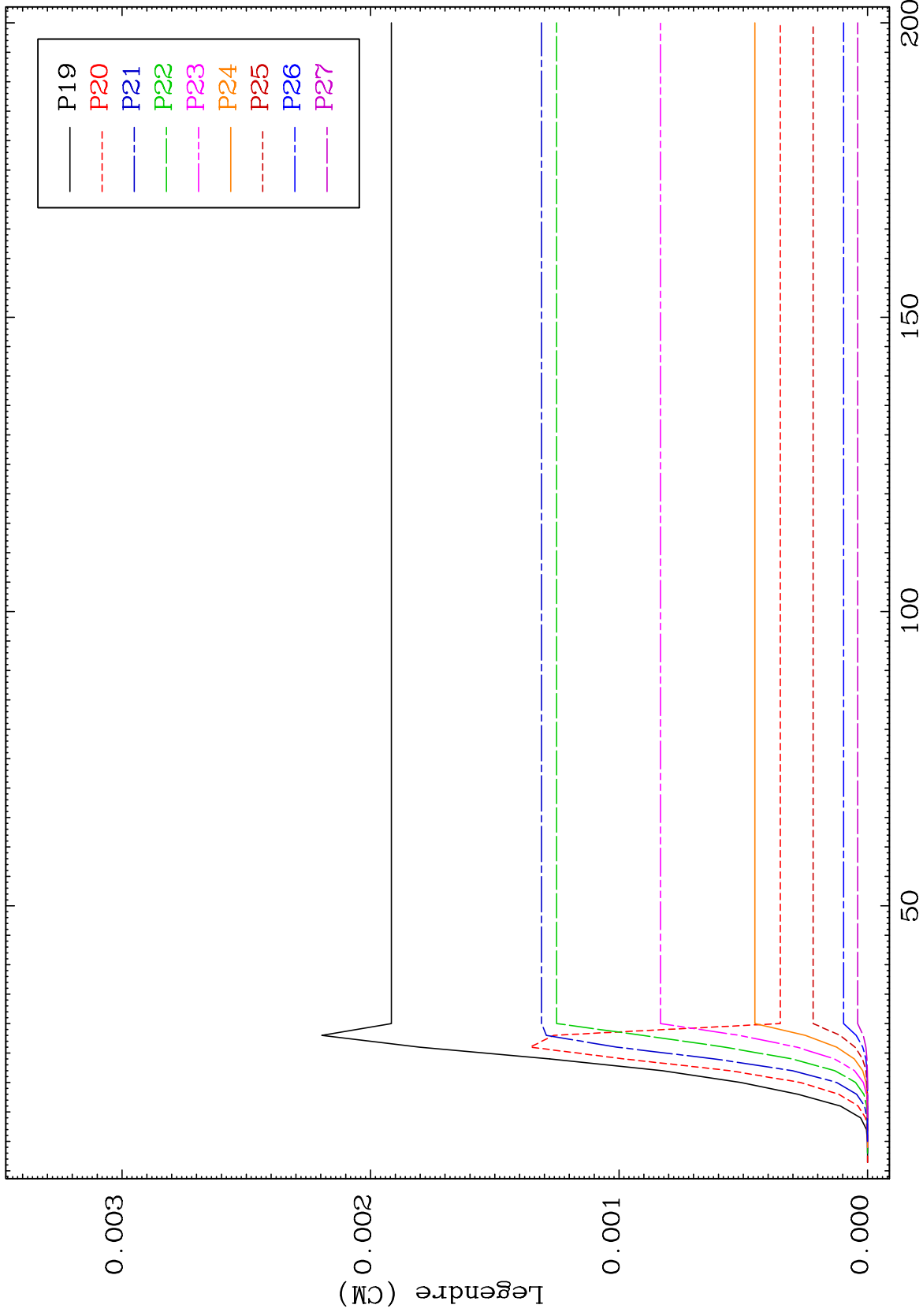
Incident Energy (MeV)

74-W -181

MAT 7428

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

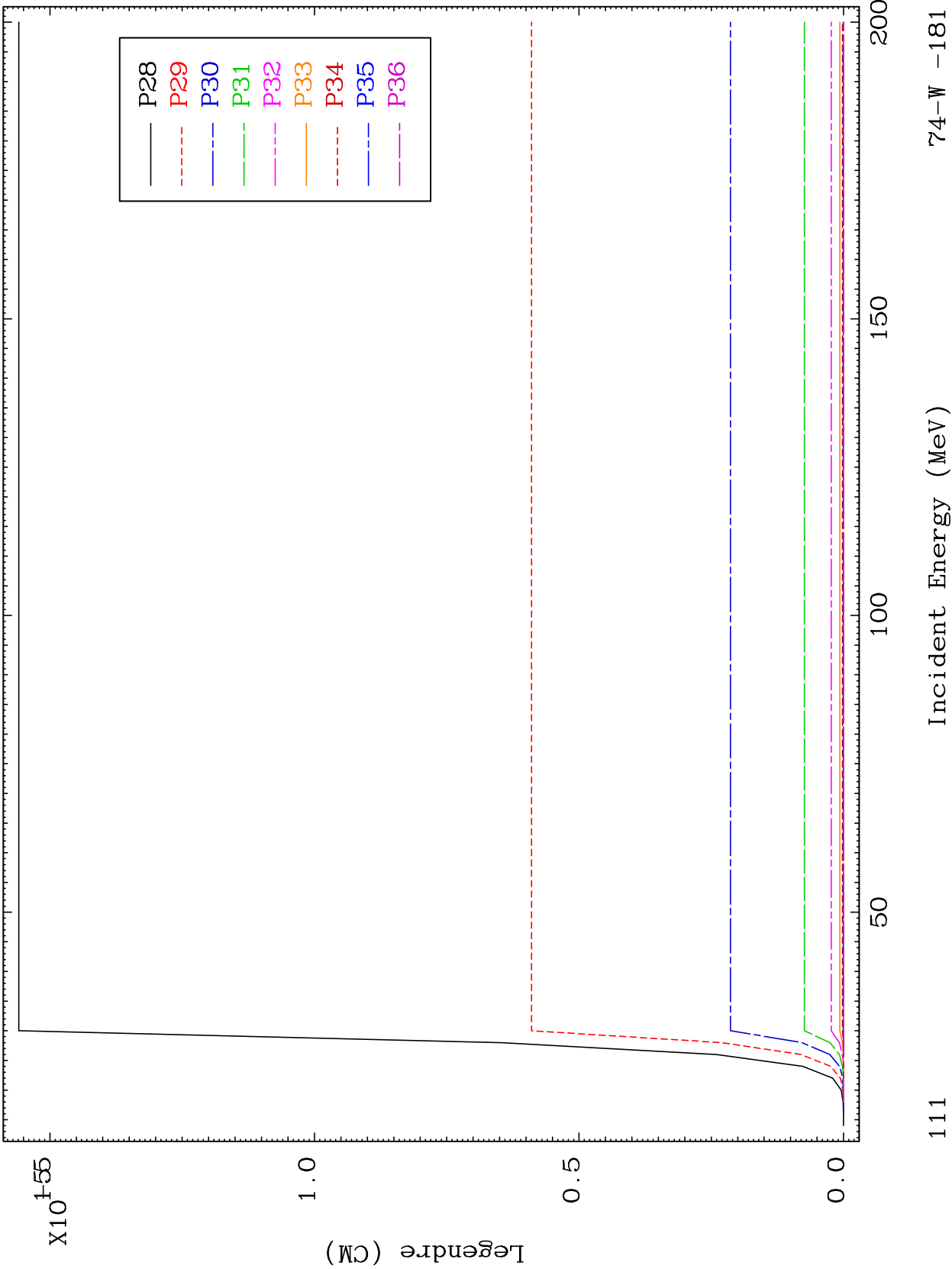
74-W -181

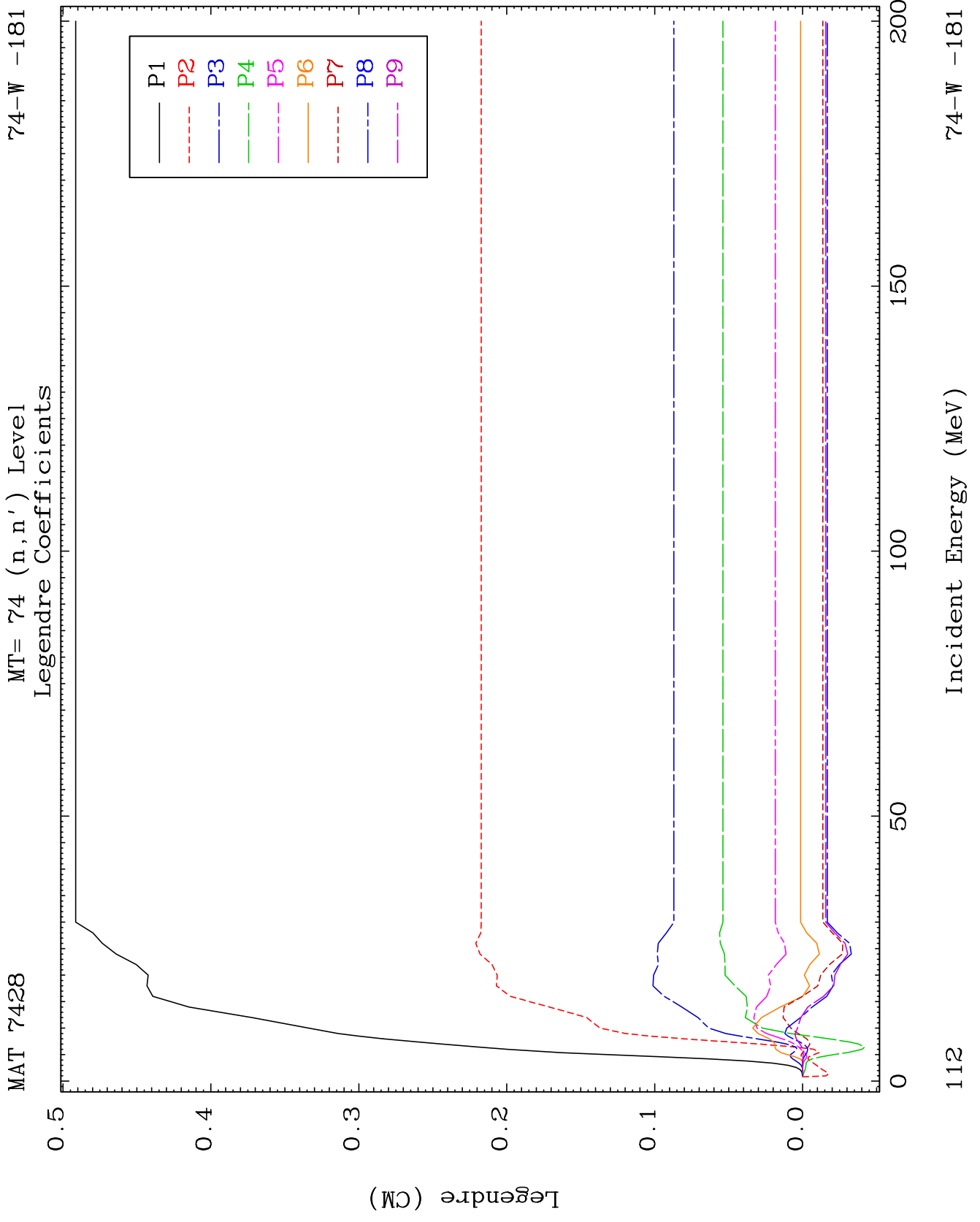


110

Incident Energy (MeV)

74-W -181

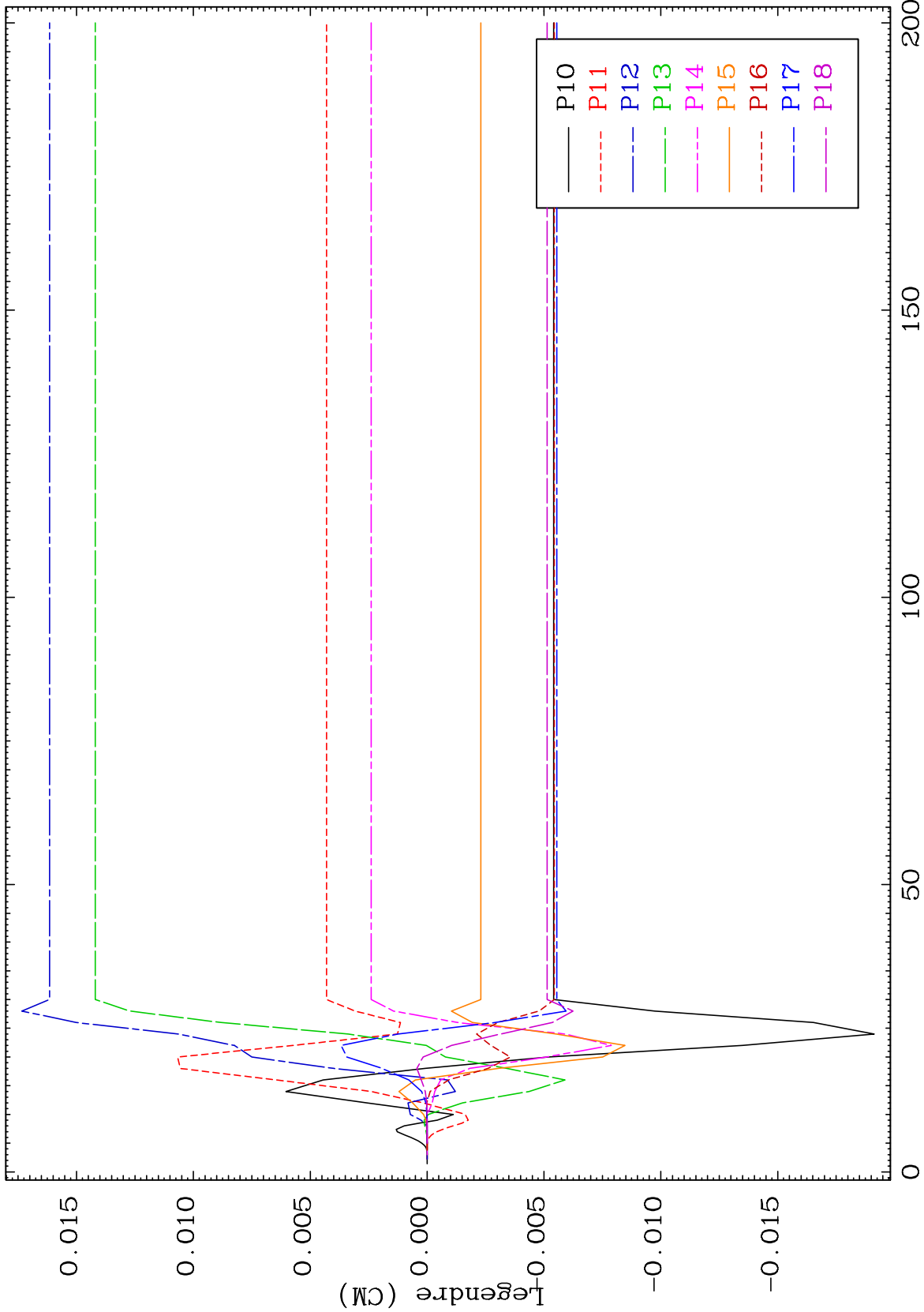




MAT 7428

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

74-W -181



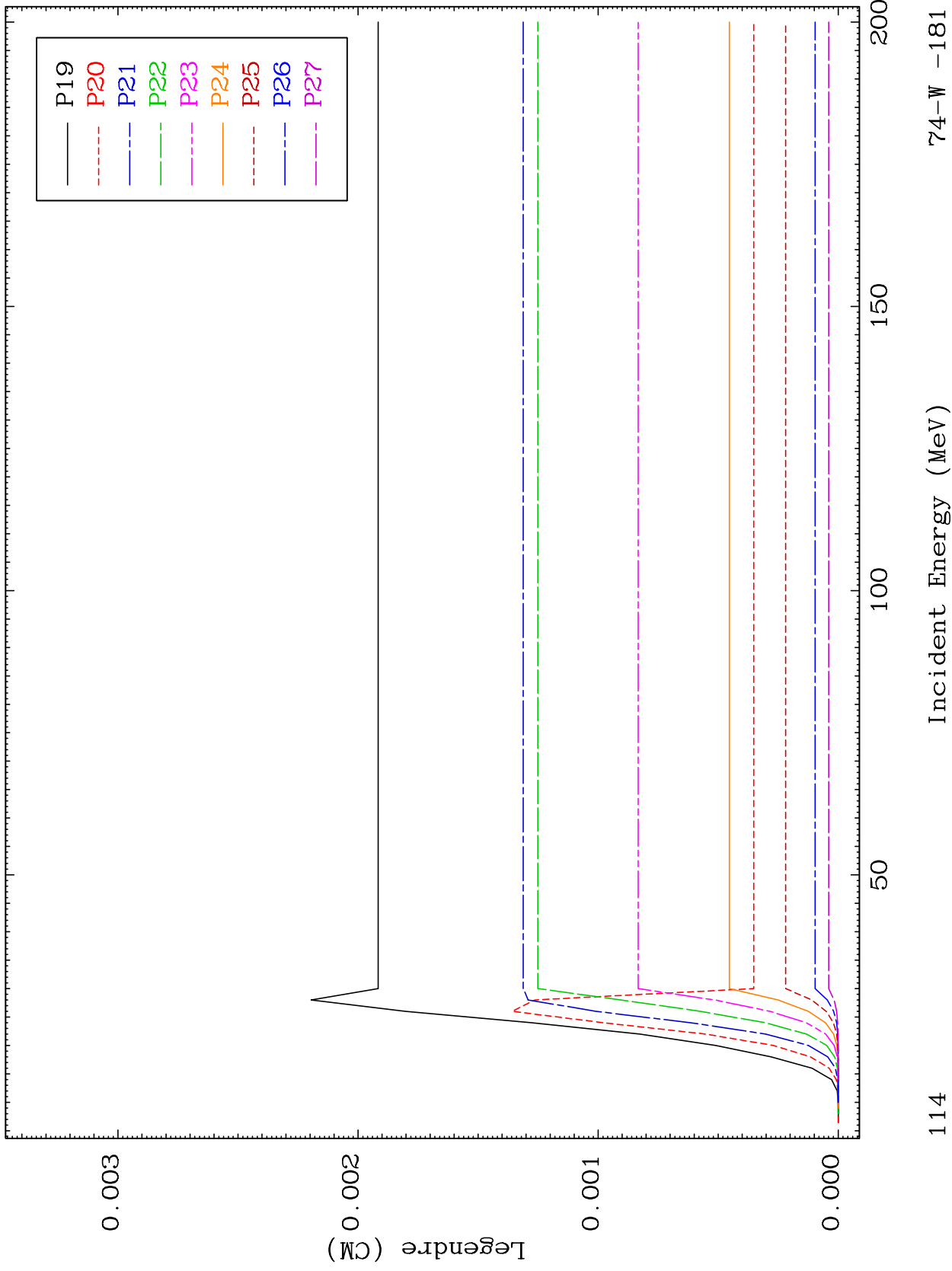
113

74-W -181

MAT 7428

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

74-W -181



114

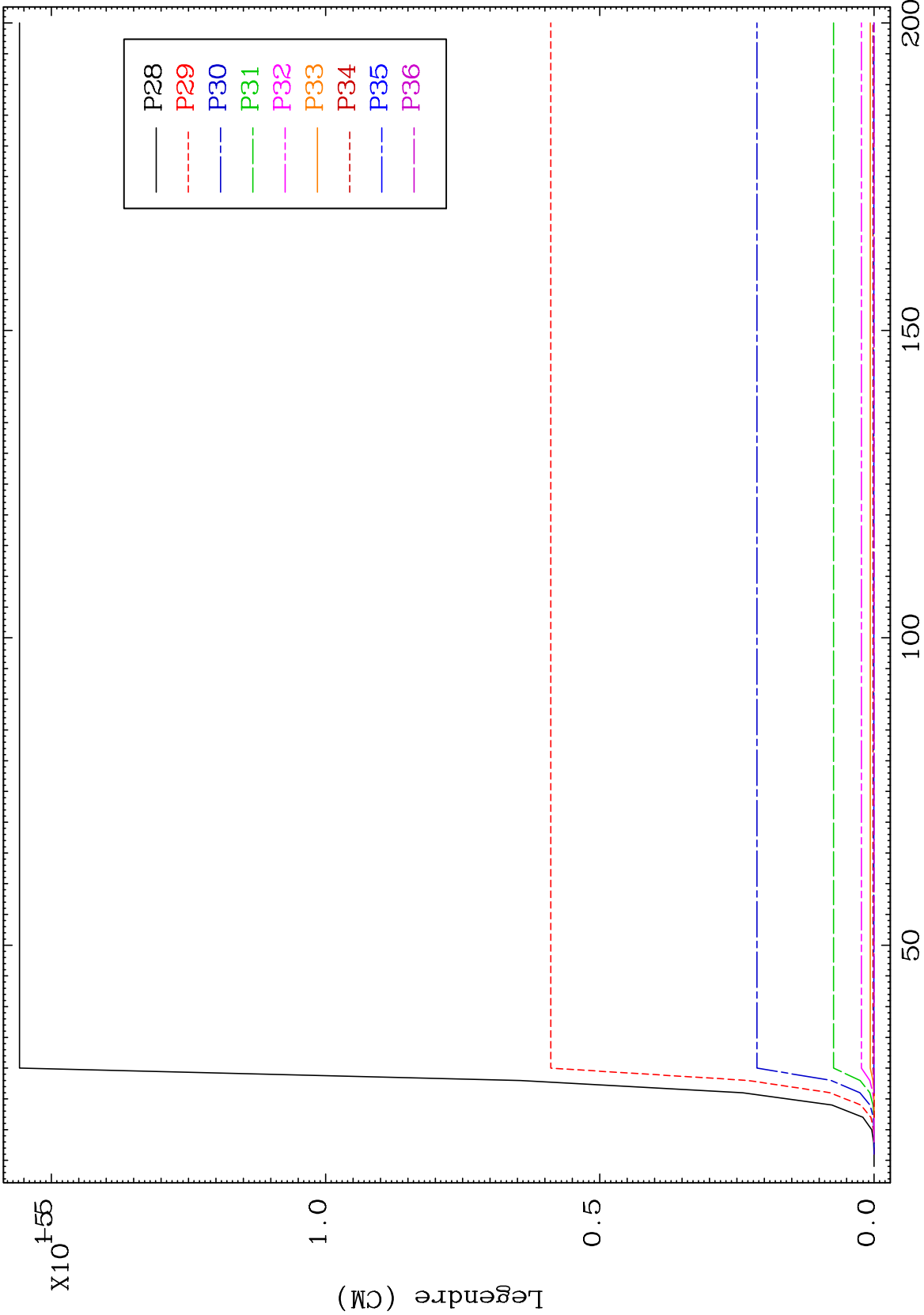
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



115

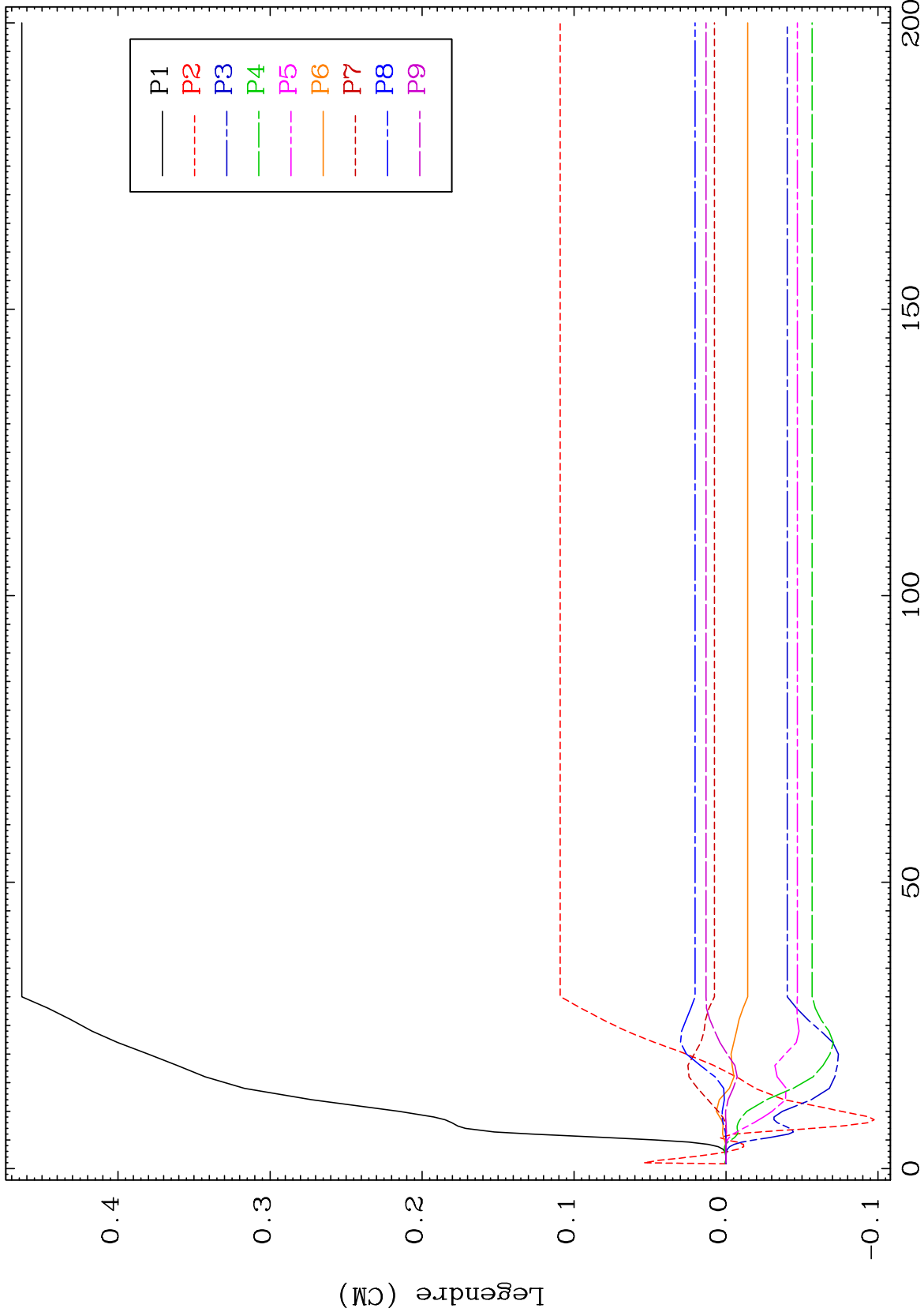
Incident Energy (MeV)

74-W -181

MAT 7428

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

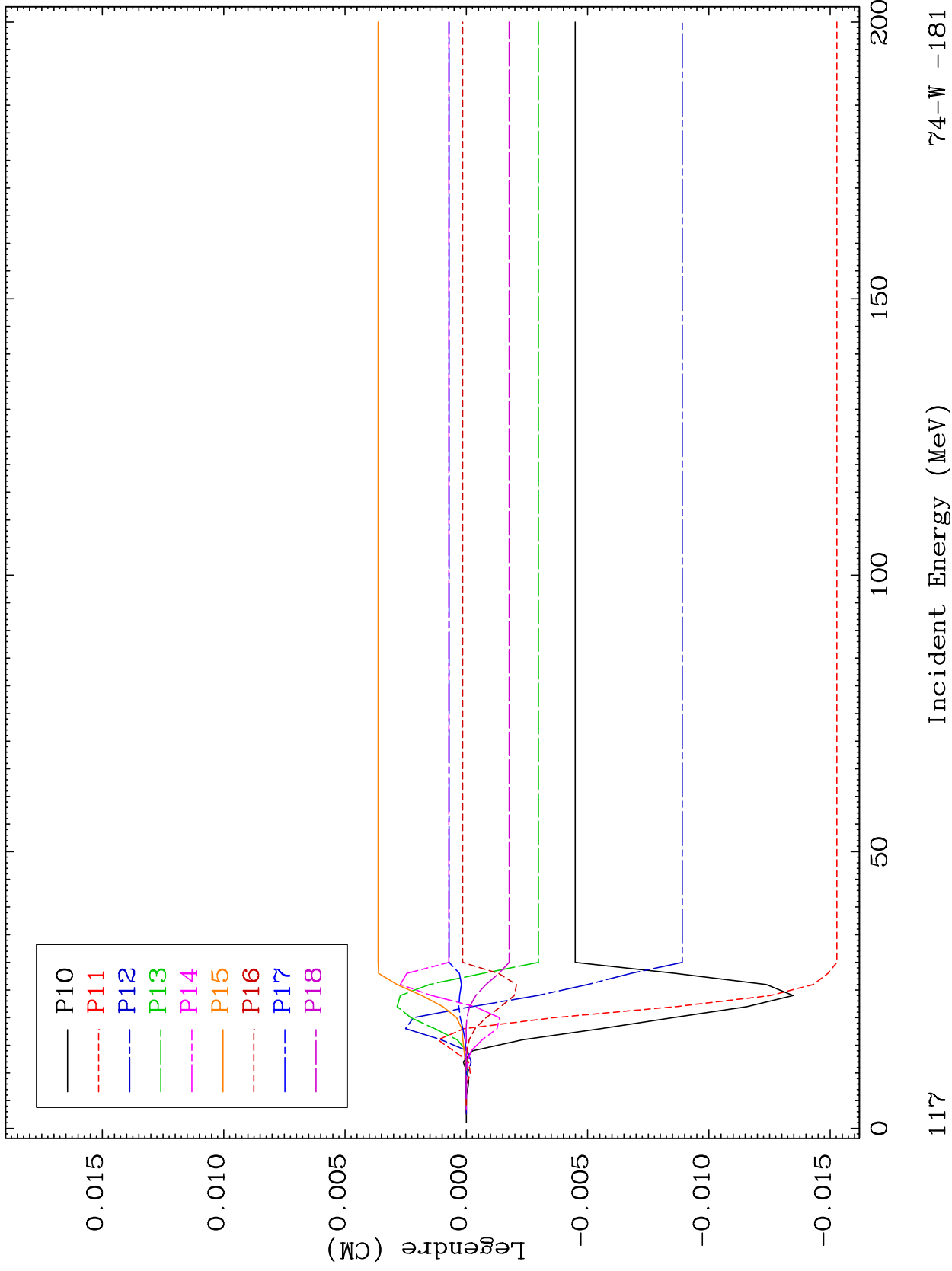
74-W -181

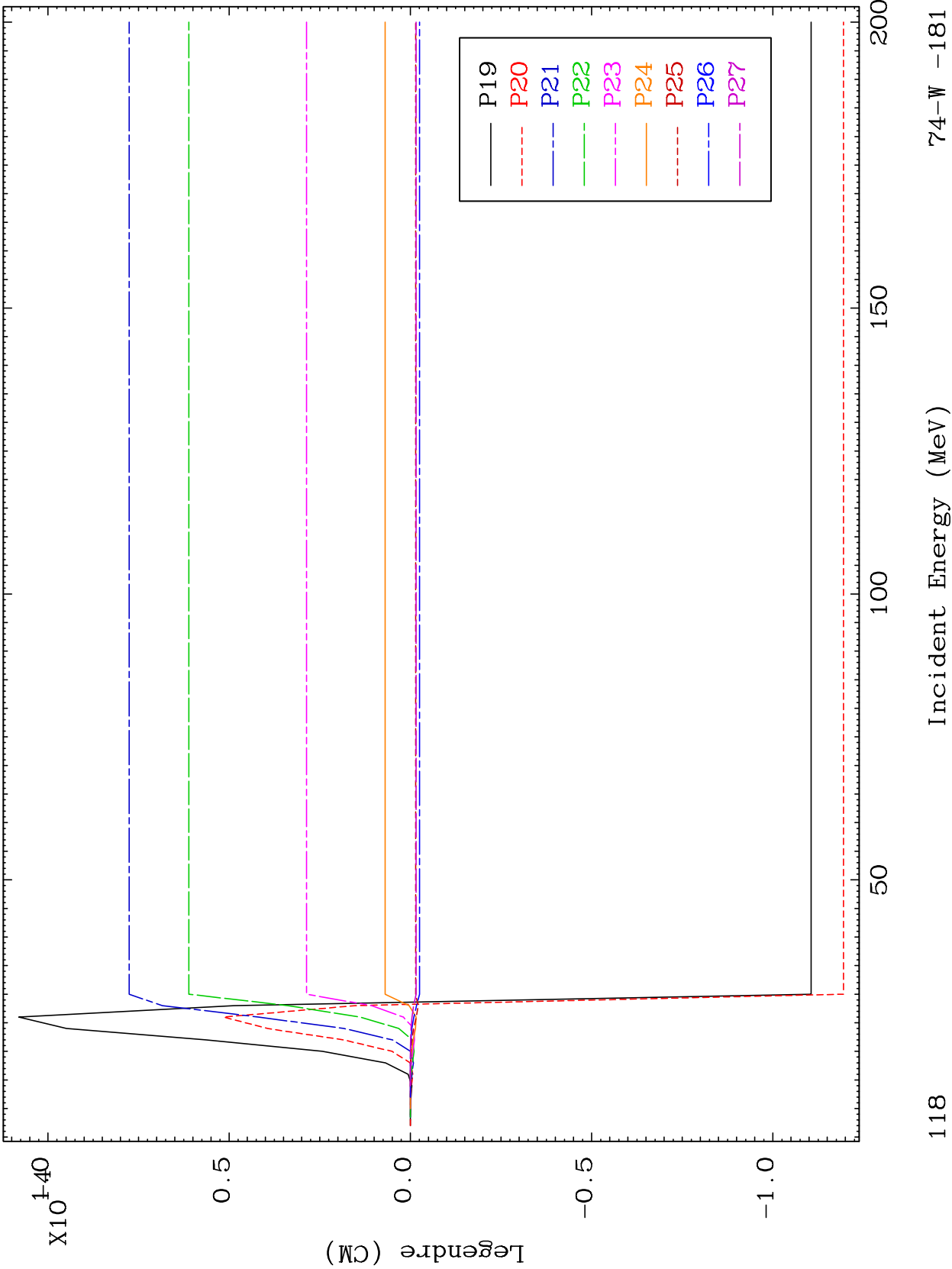


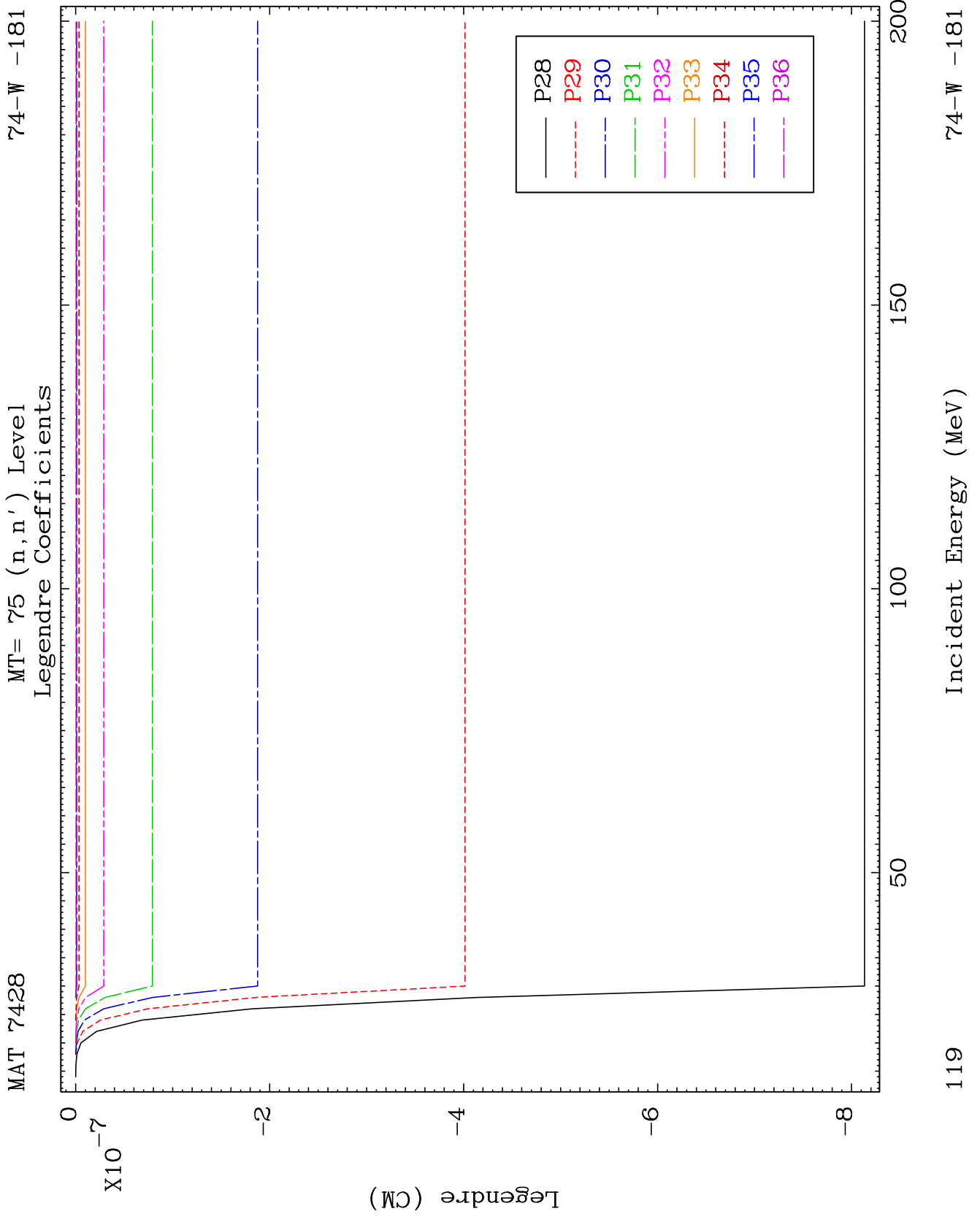
116

Incident Energy (MeV)

74-W -181



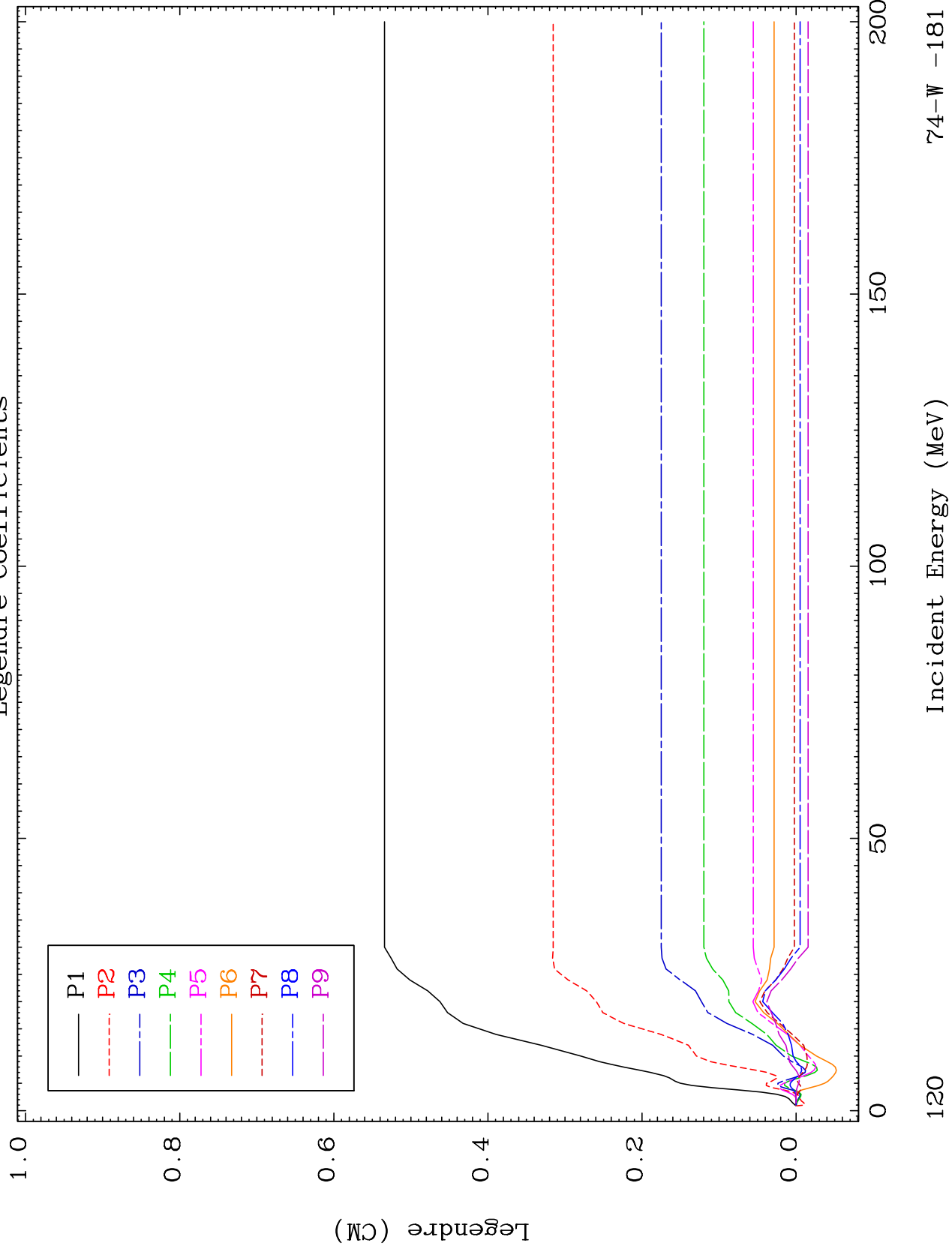




MAT 7428

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

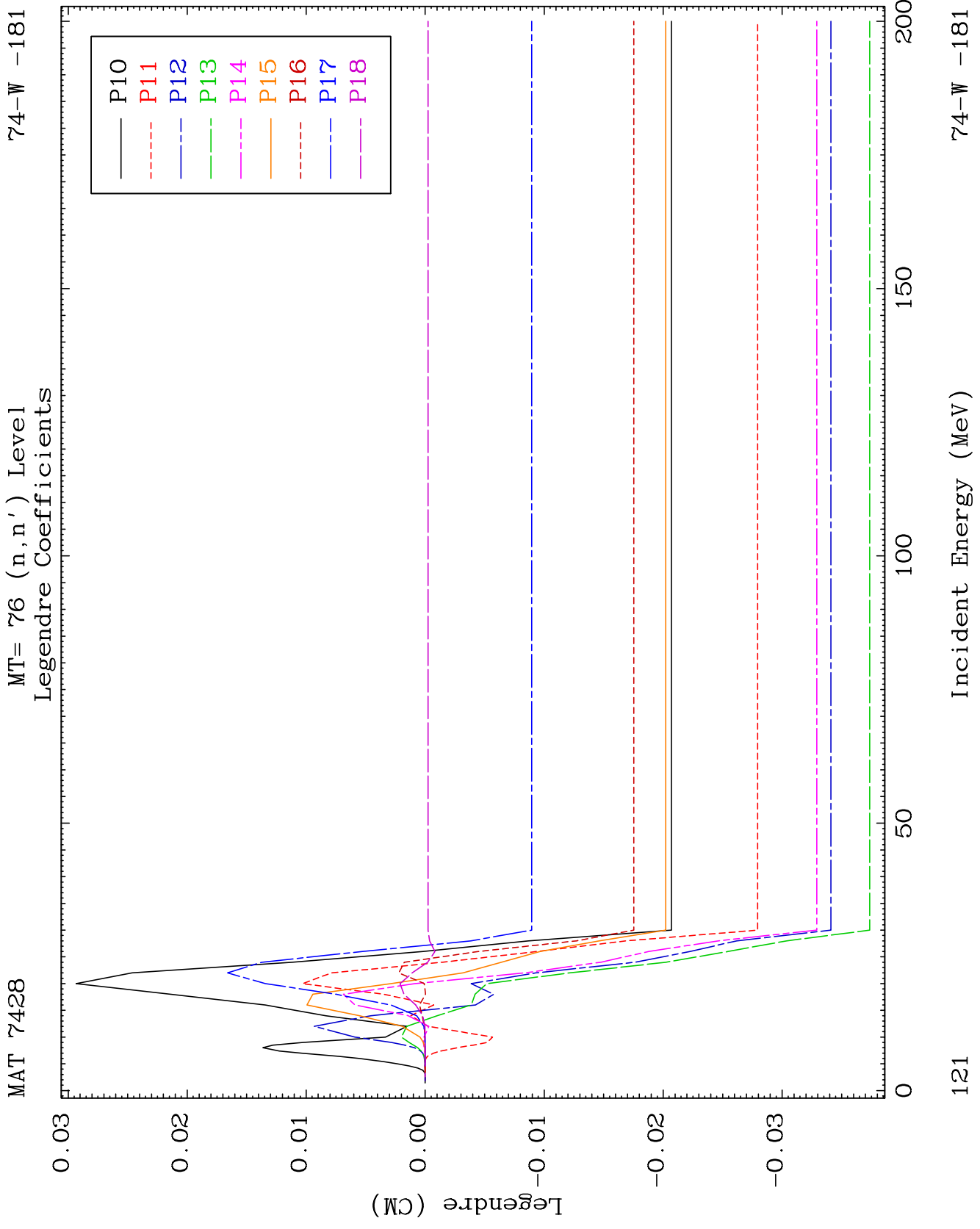
74-W -181



74-W -181

Incident Energy (MeV)

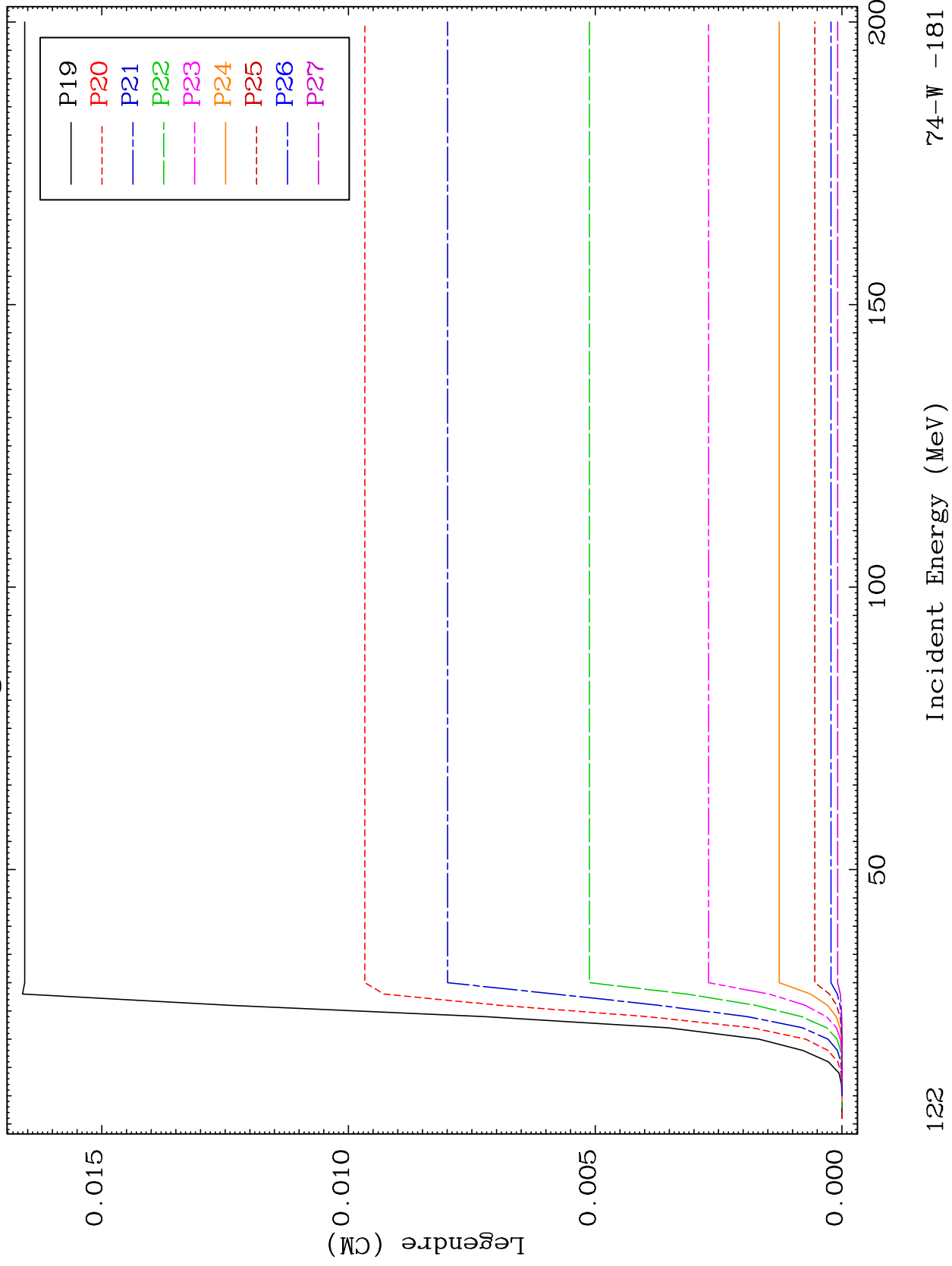
120



MAT 7428

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

74-W -181



122

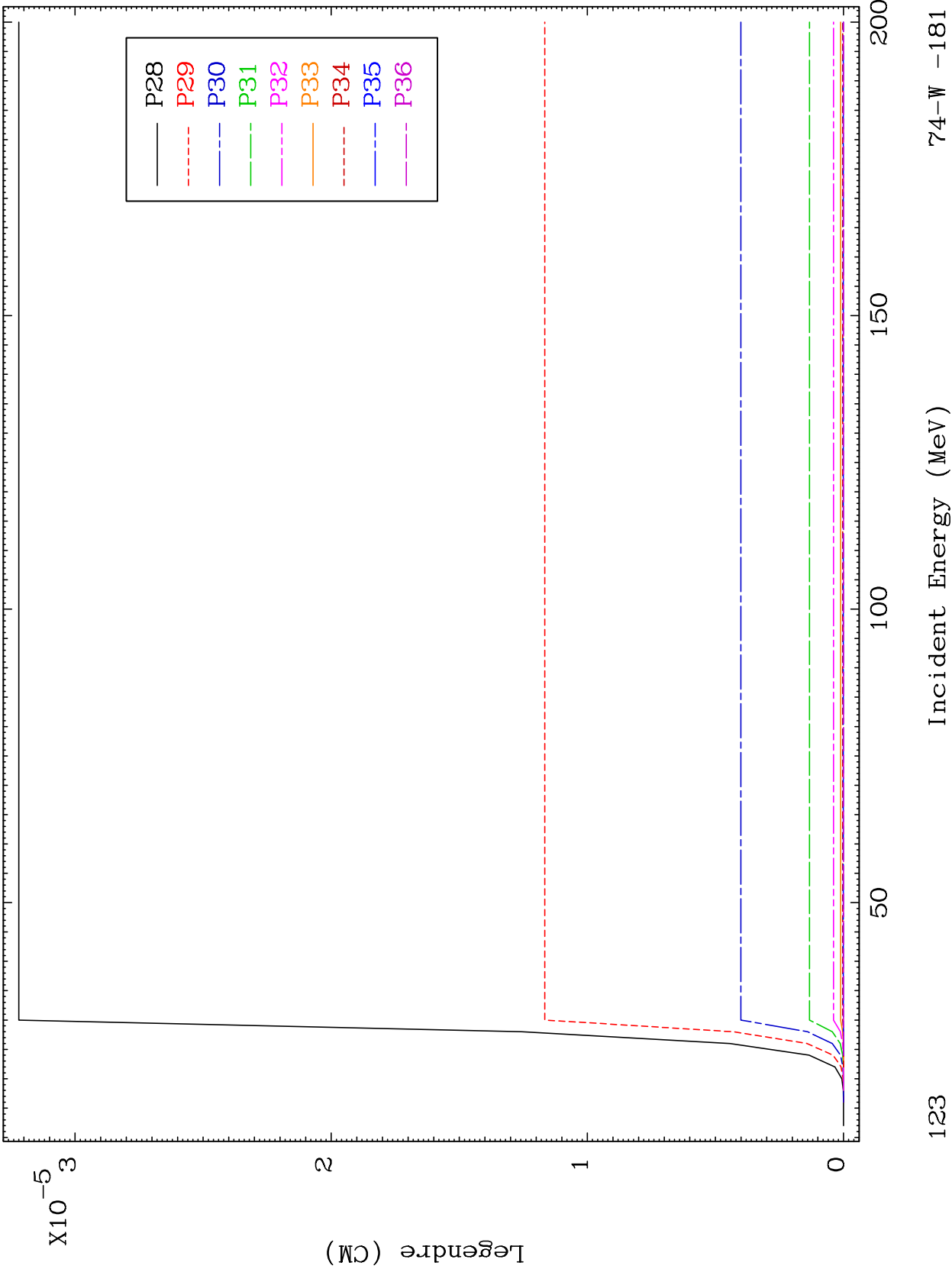
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



123

Incident Energy (MeV)

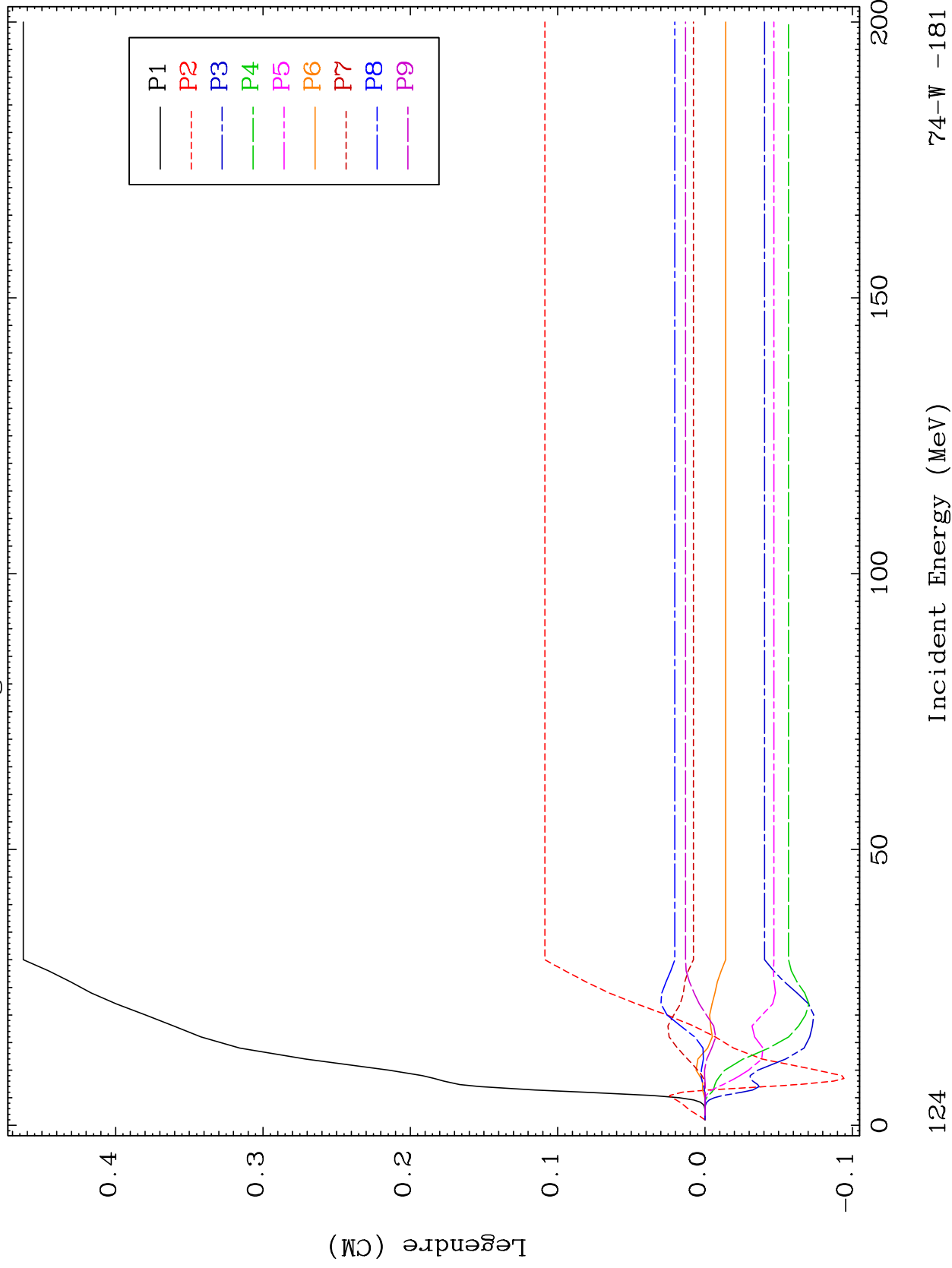
74-W -181

MAT 7428

MT= 77 (n,n') Level

74-W -181

Legendre Coefficients



124

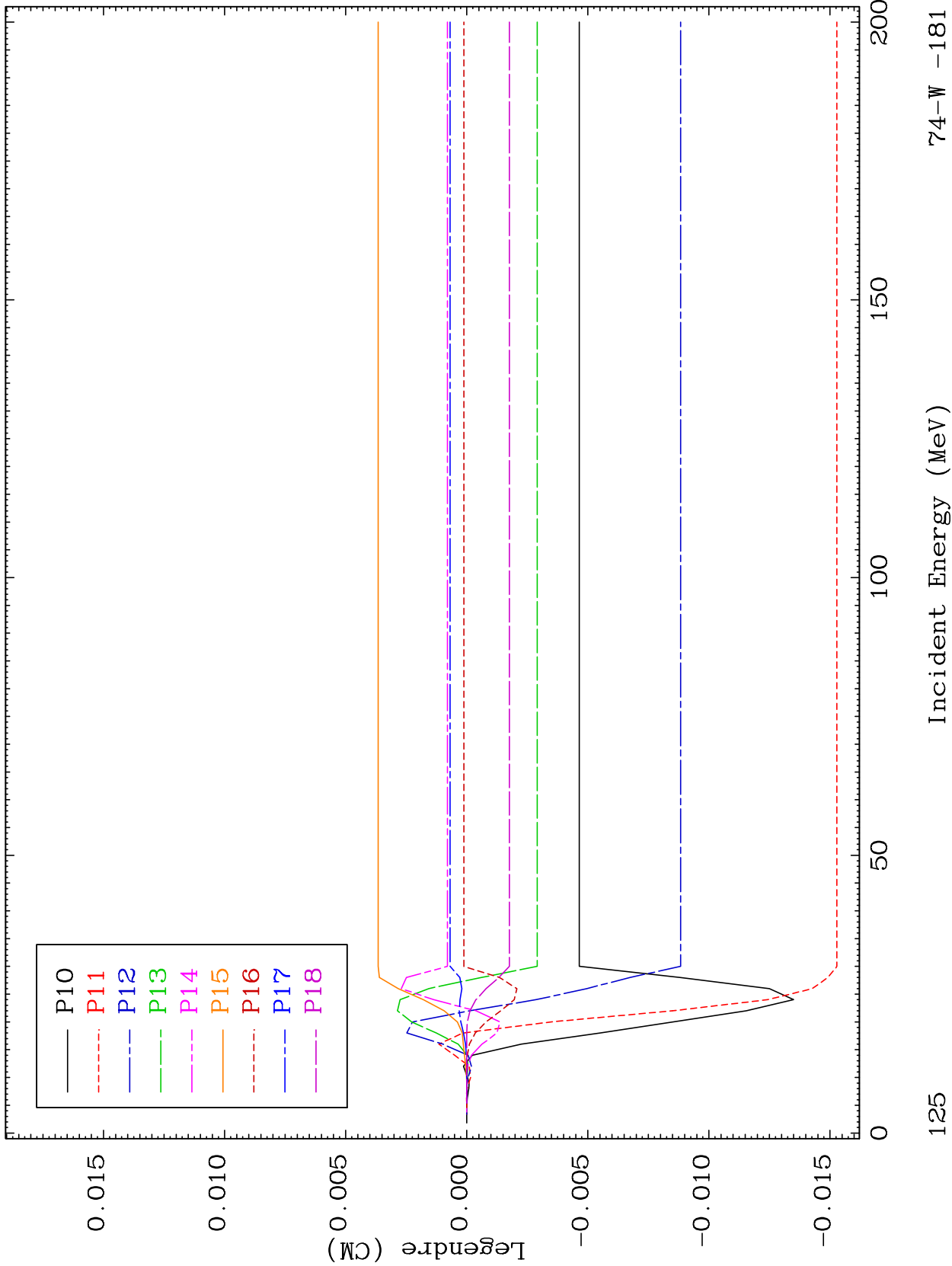
Incident Energy (MeV)

74-W -181

MAT 7428

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

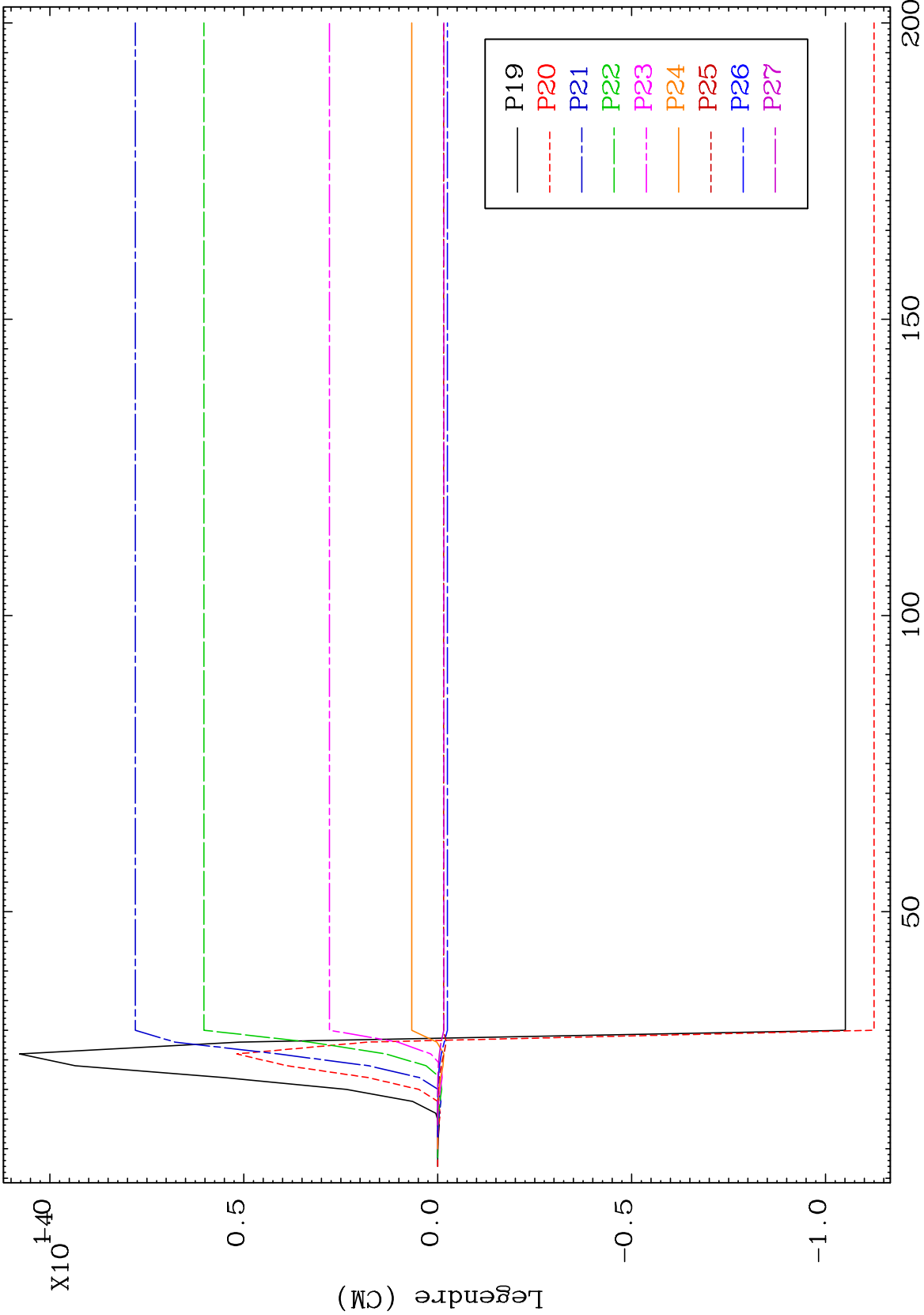
74-W -181

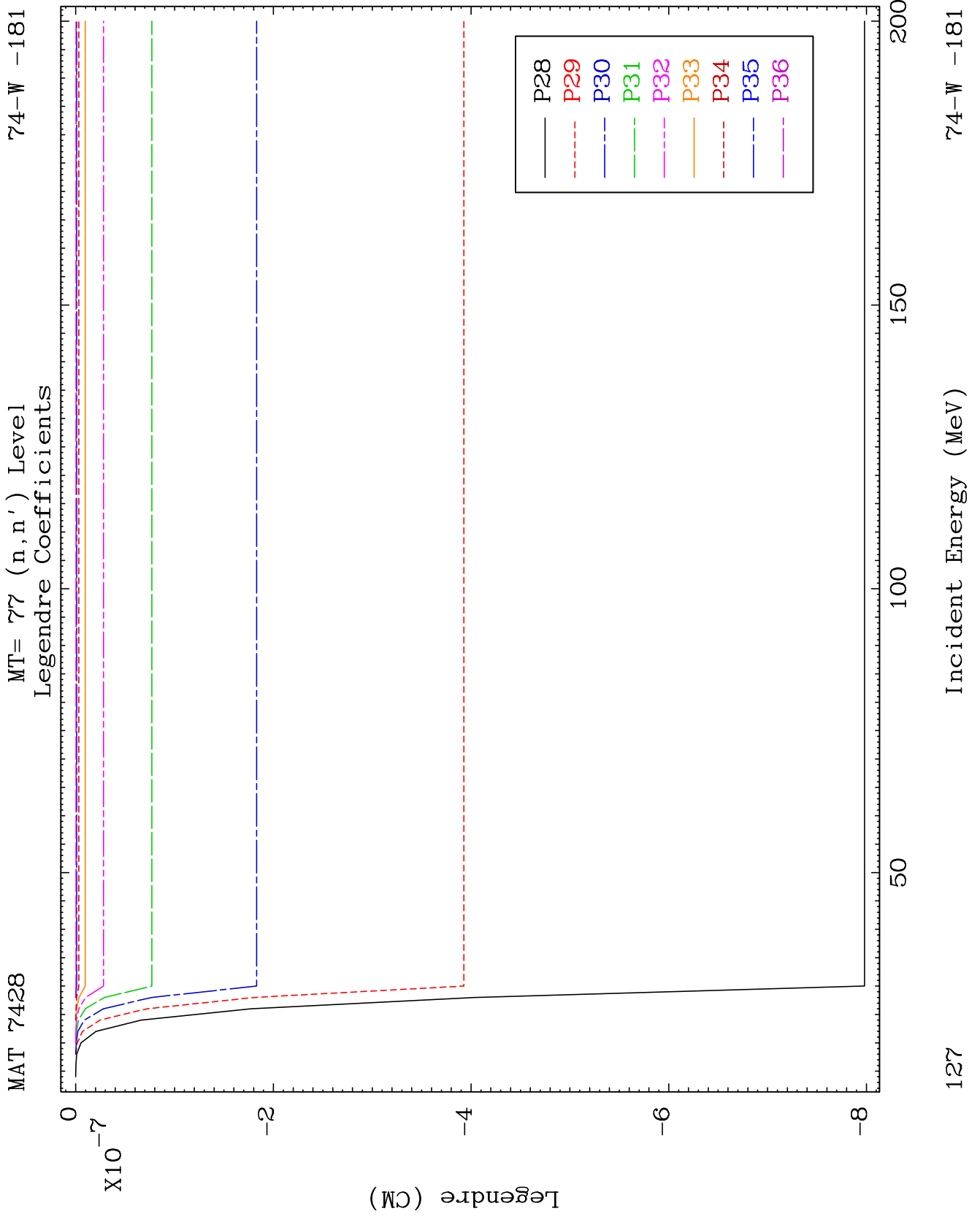


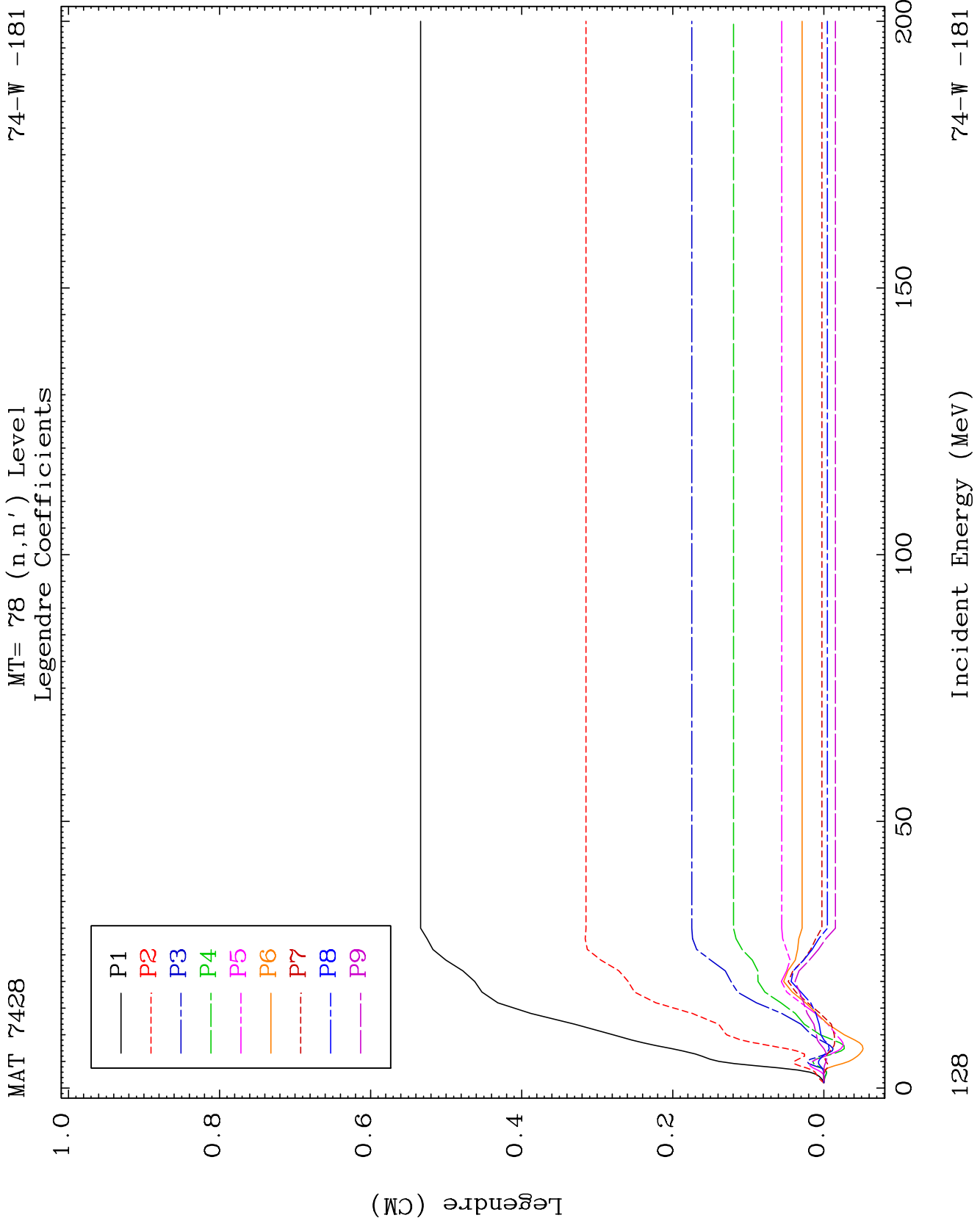
125

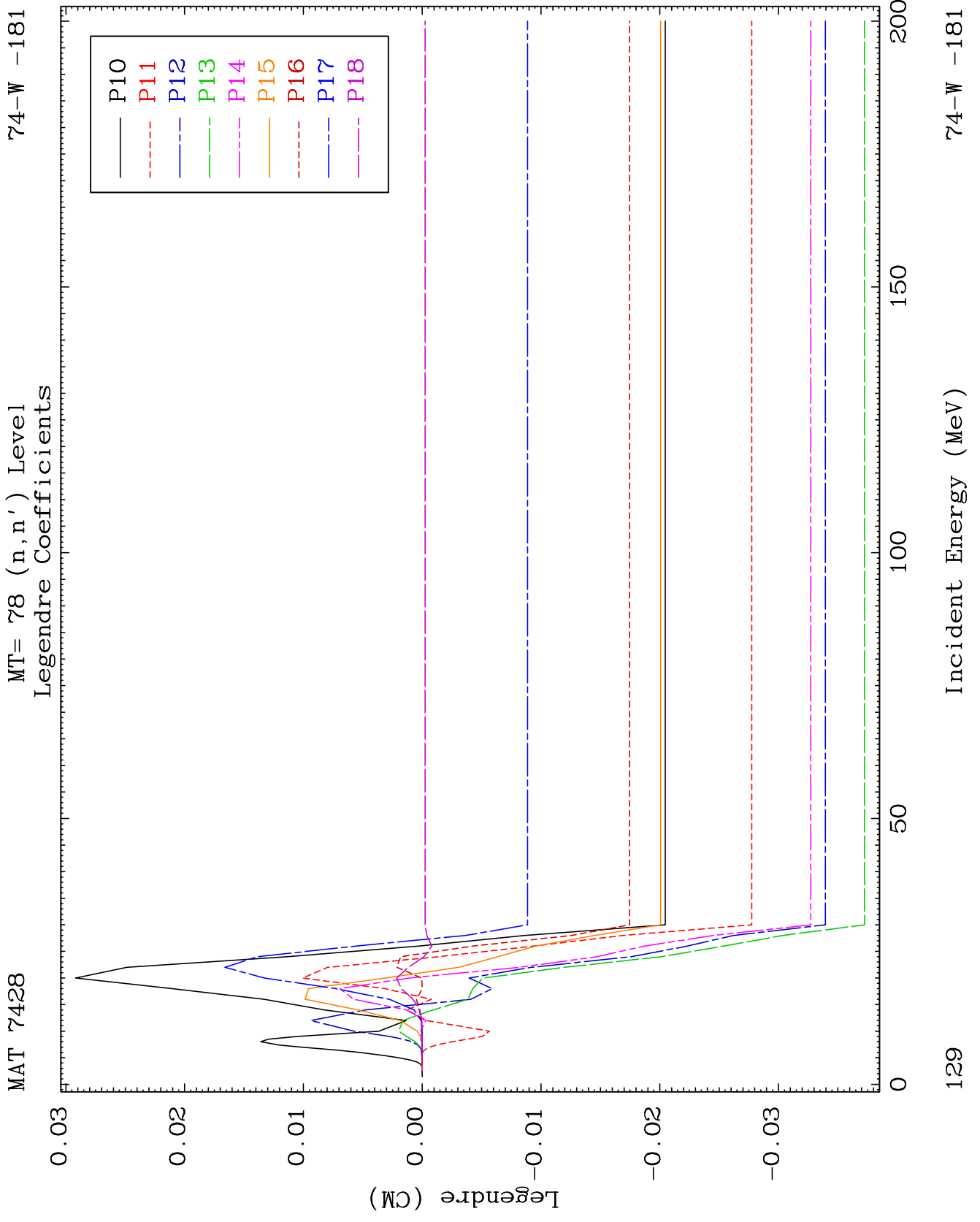
Incident Energy (MeV)

74-W -181





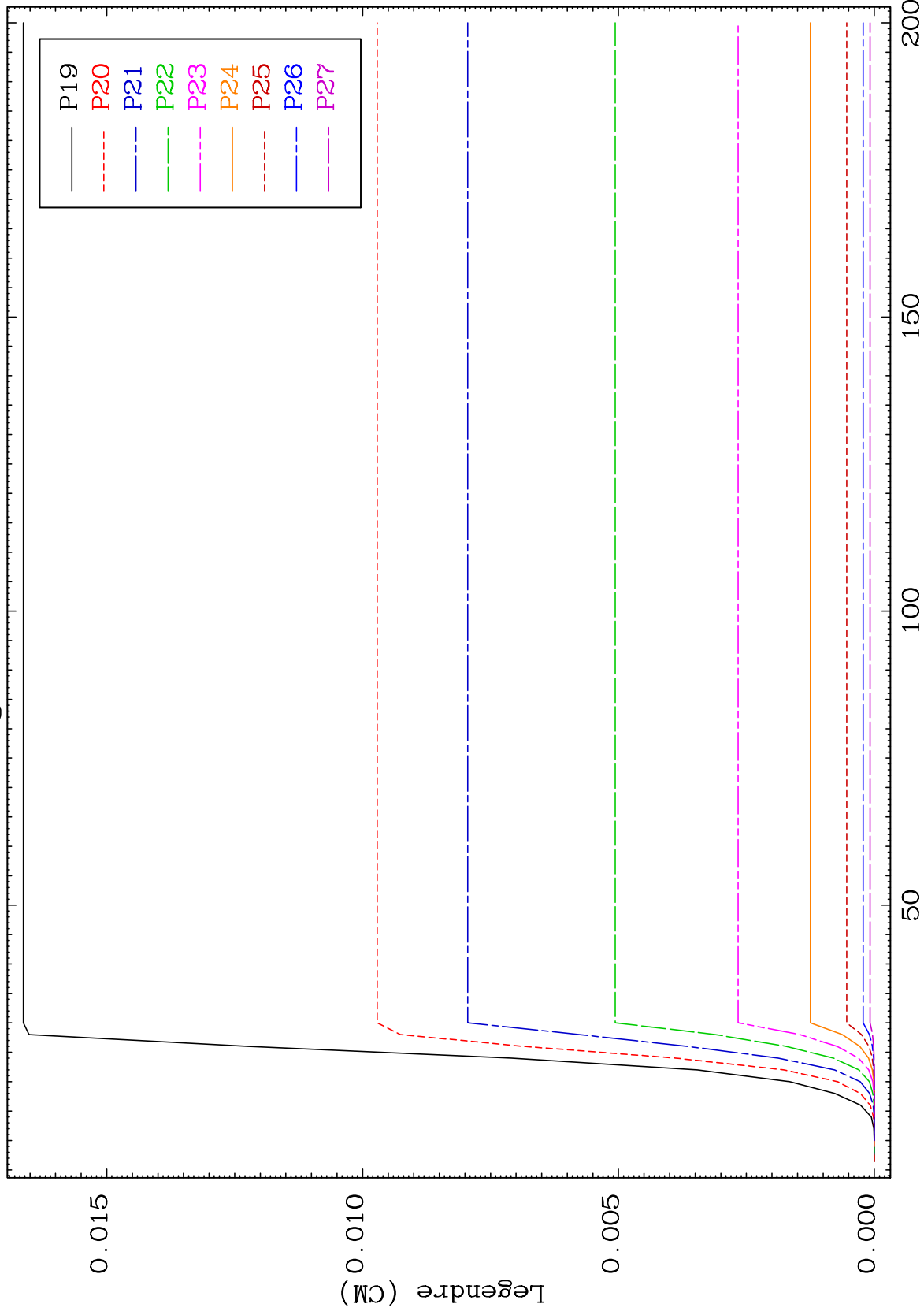




MAT 7428

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

74-W -181



130

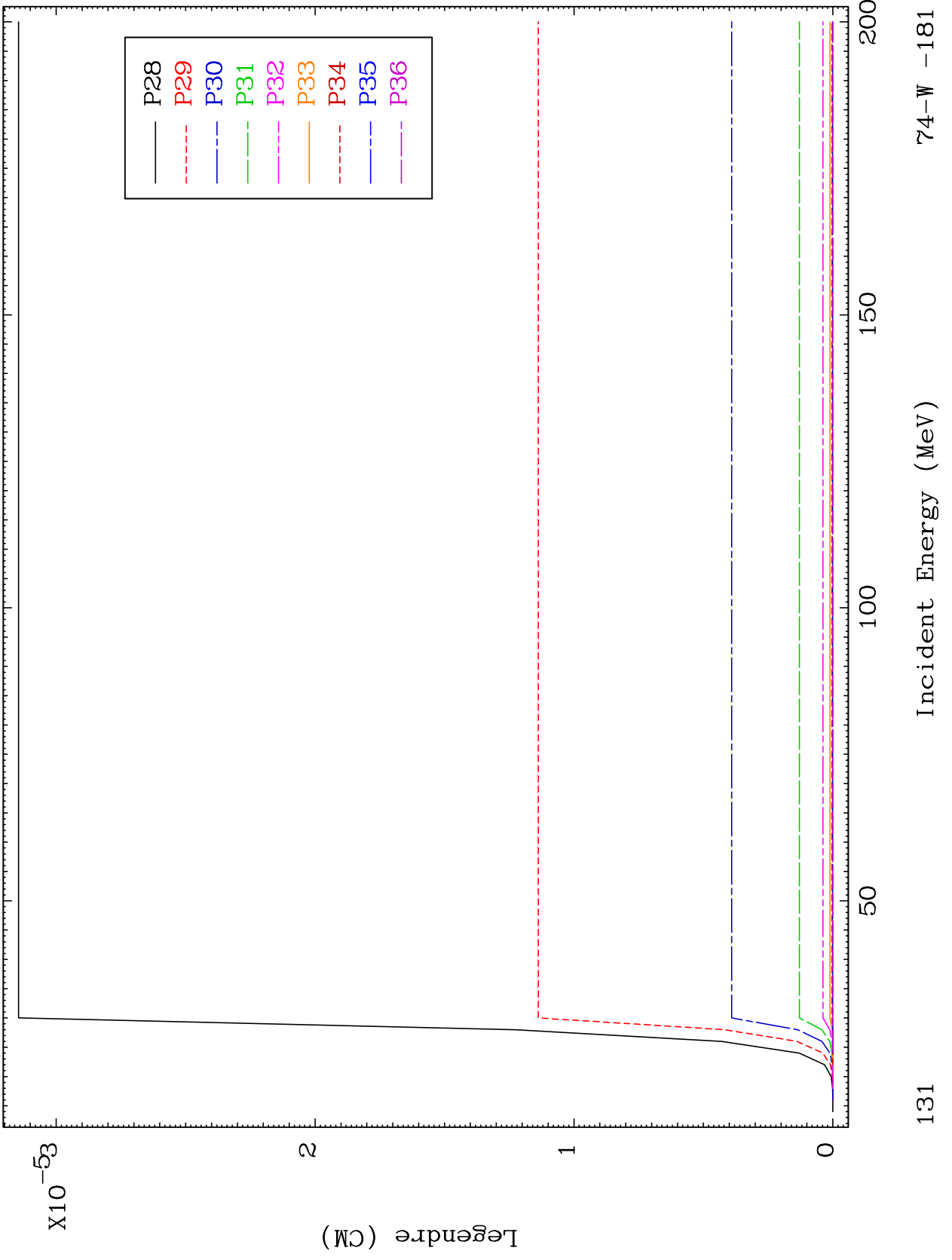
Incident Energy (MeV)

74-W -181

MAT 7428

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

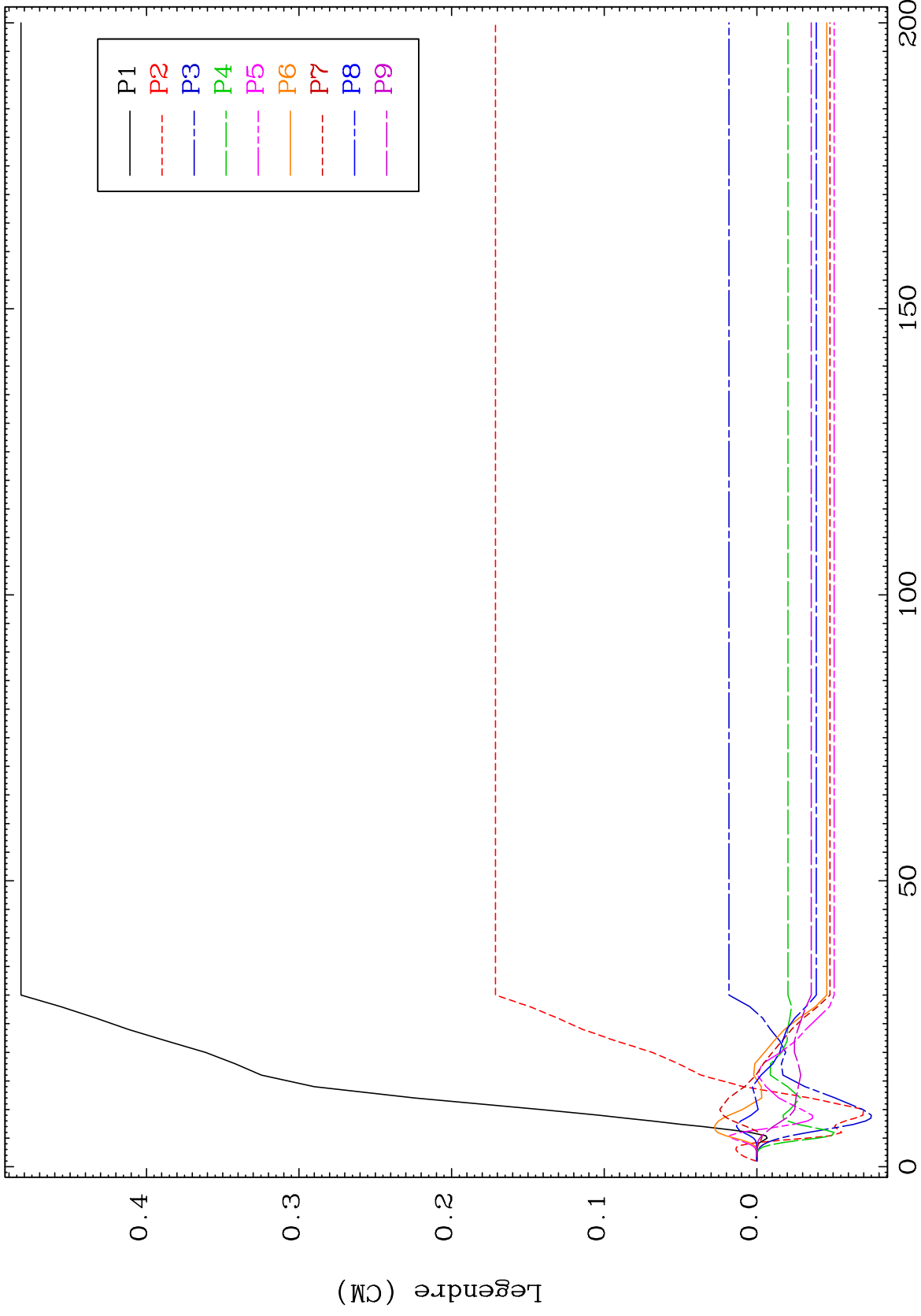
74-W -181



MAT 7428

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

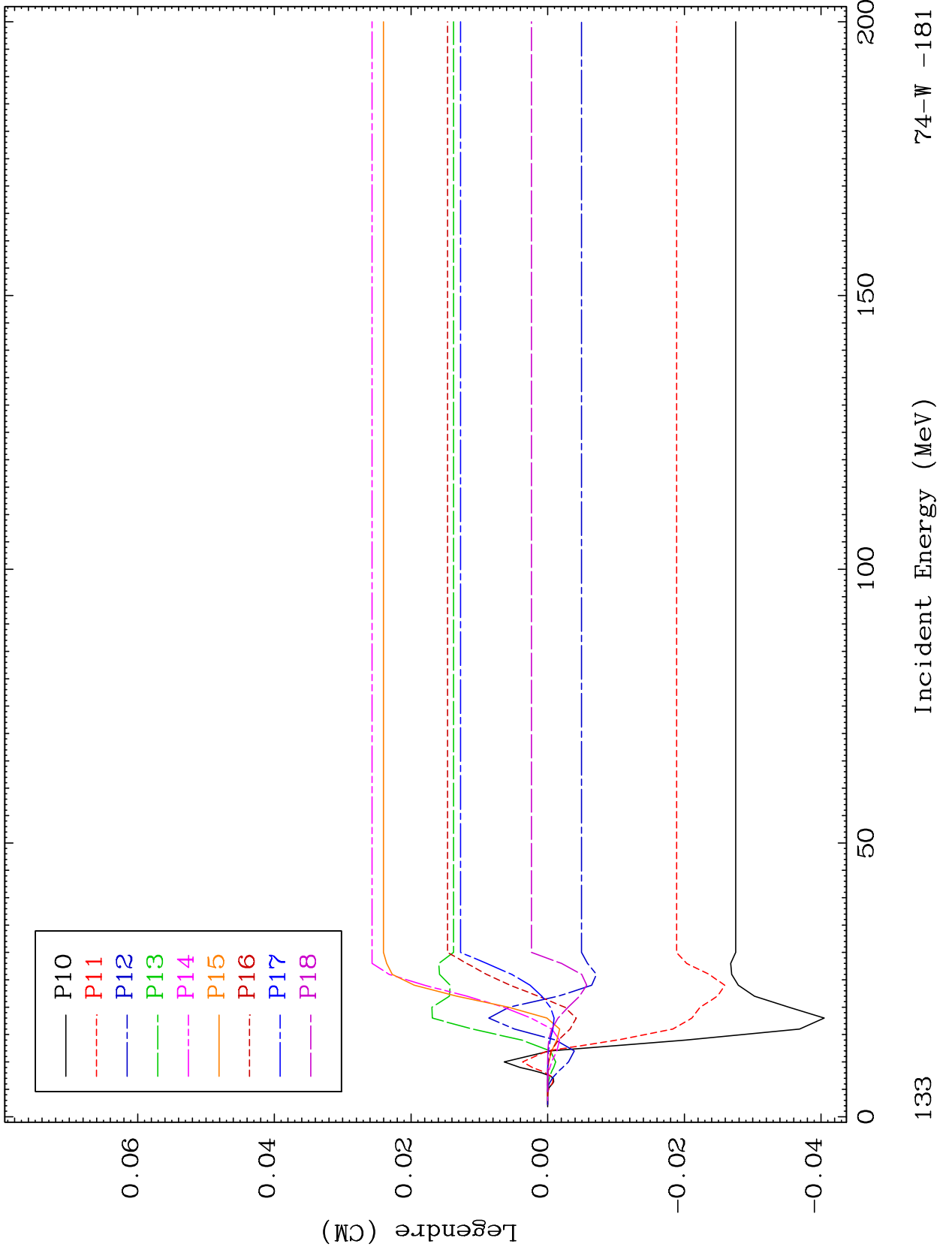
74-W -181

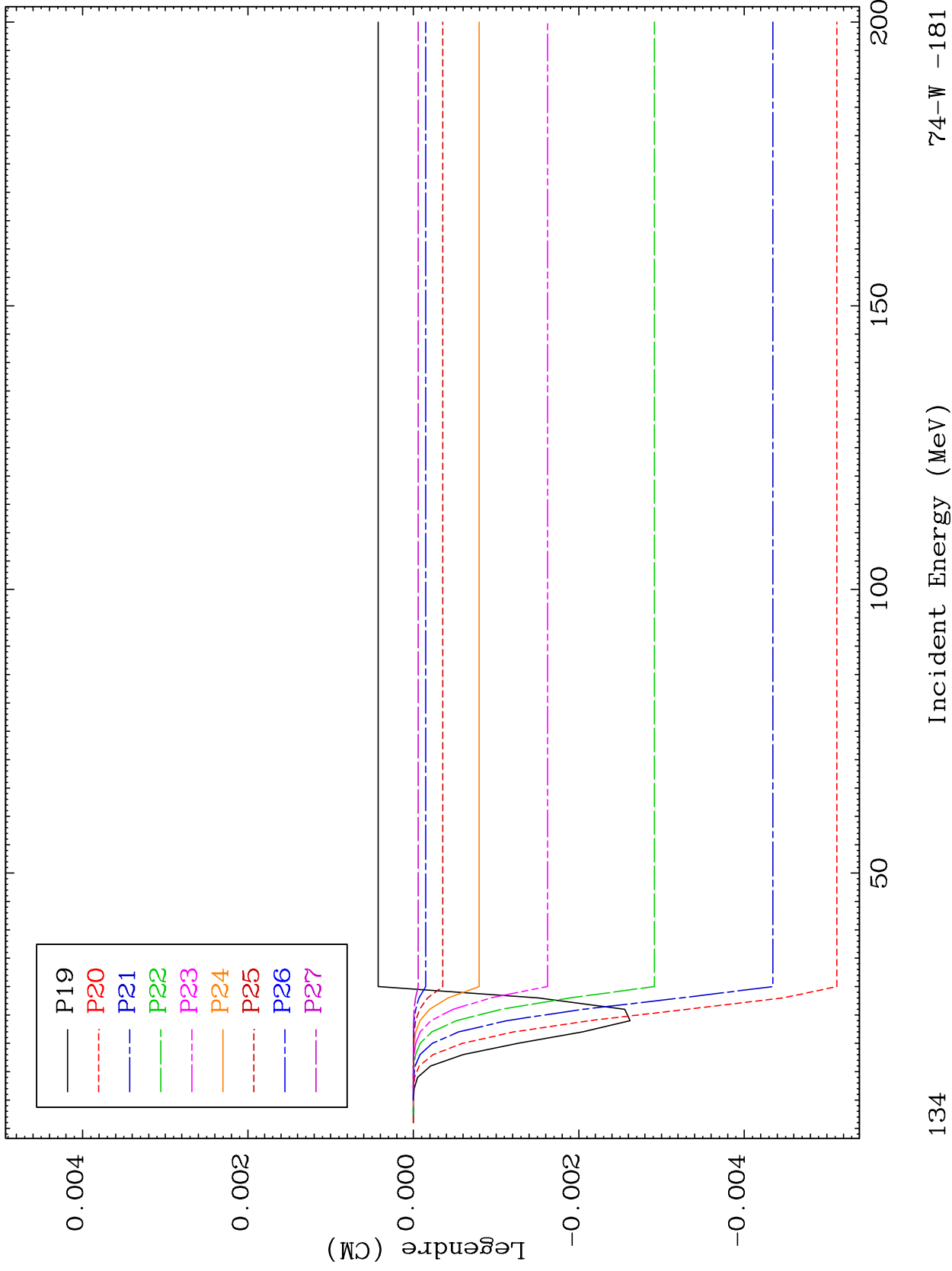


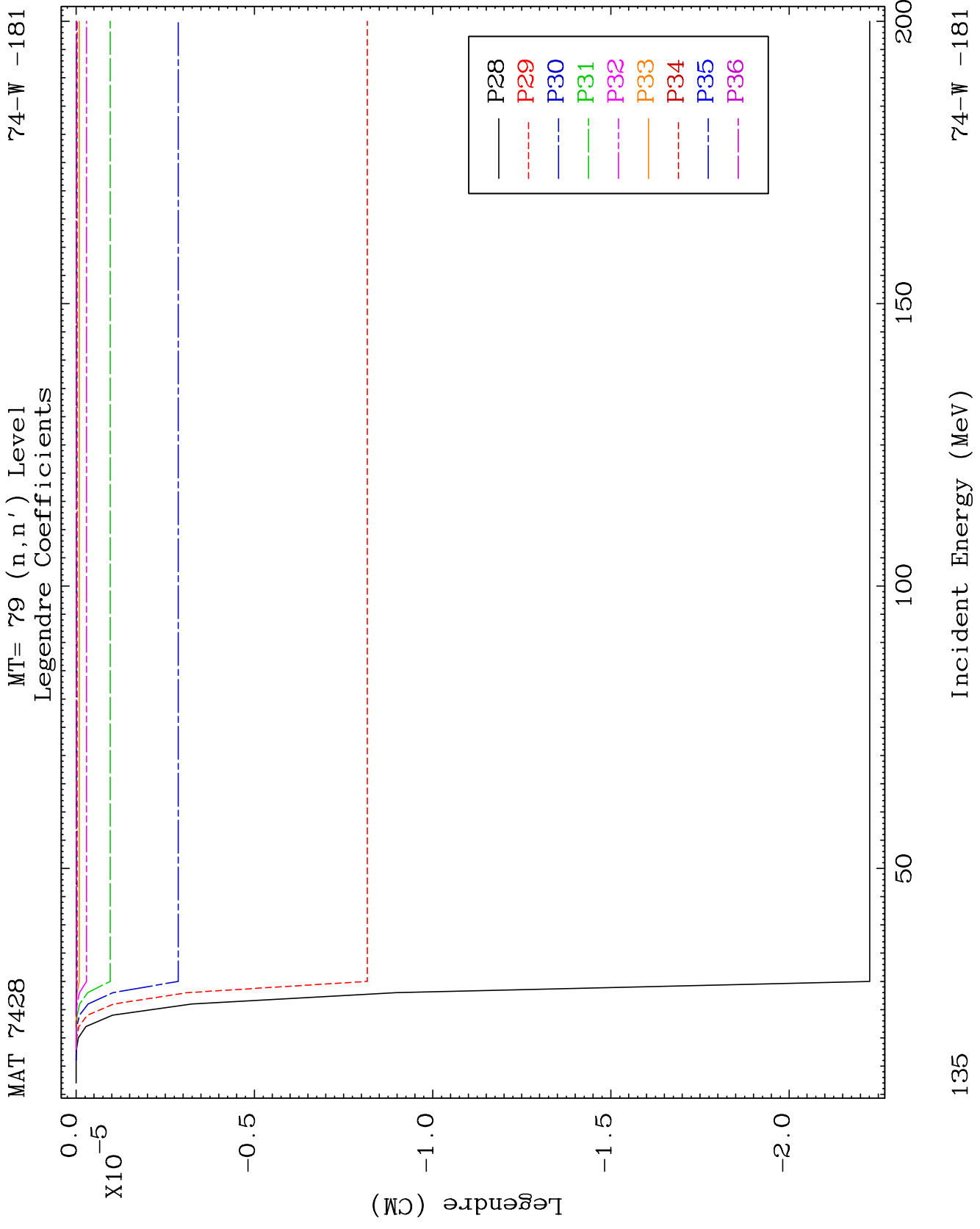
132

Incident Energy (MeV)

74-W -181



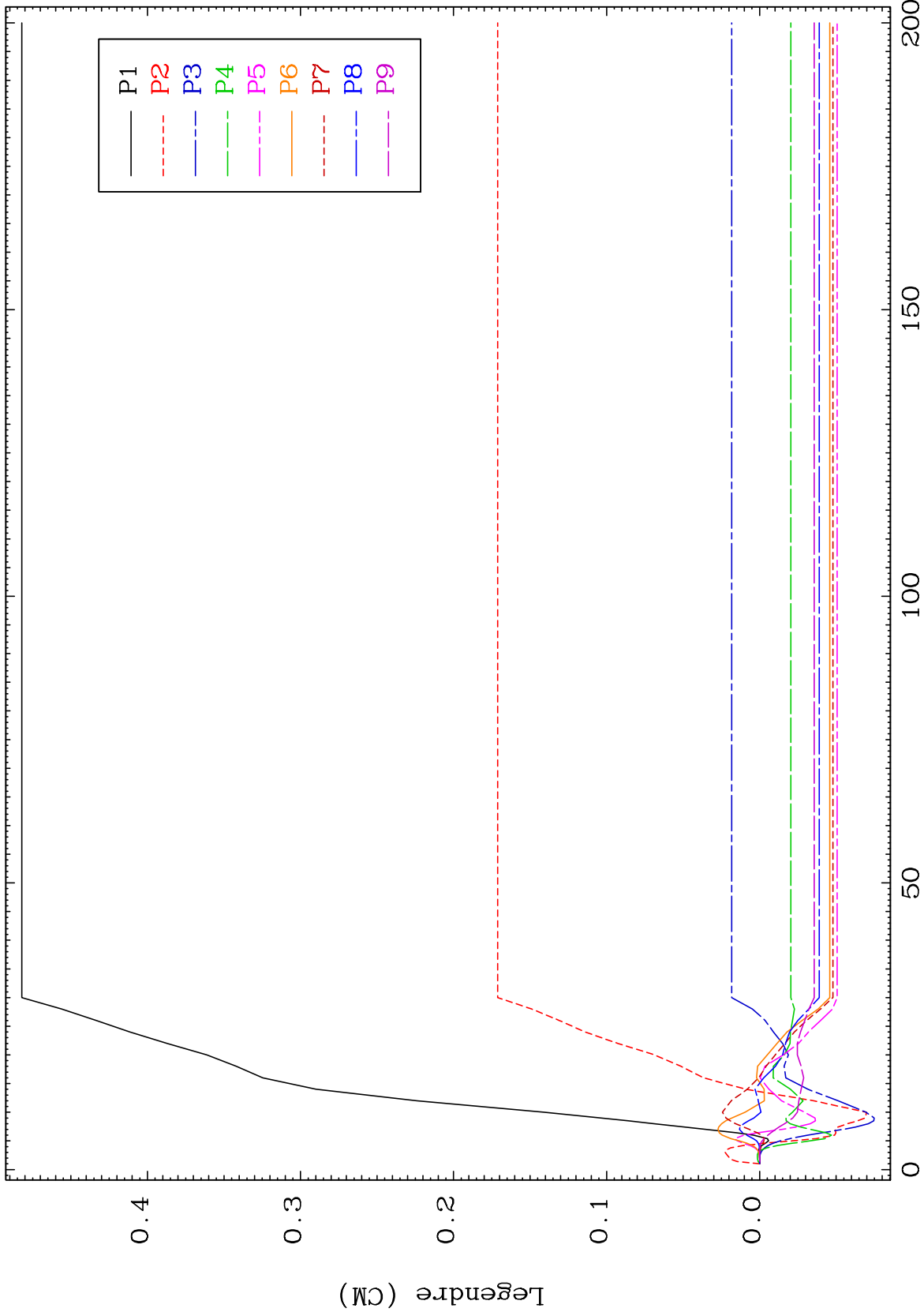




MAT 7428

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

74-W -181



136

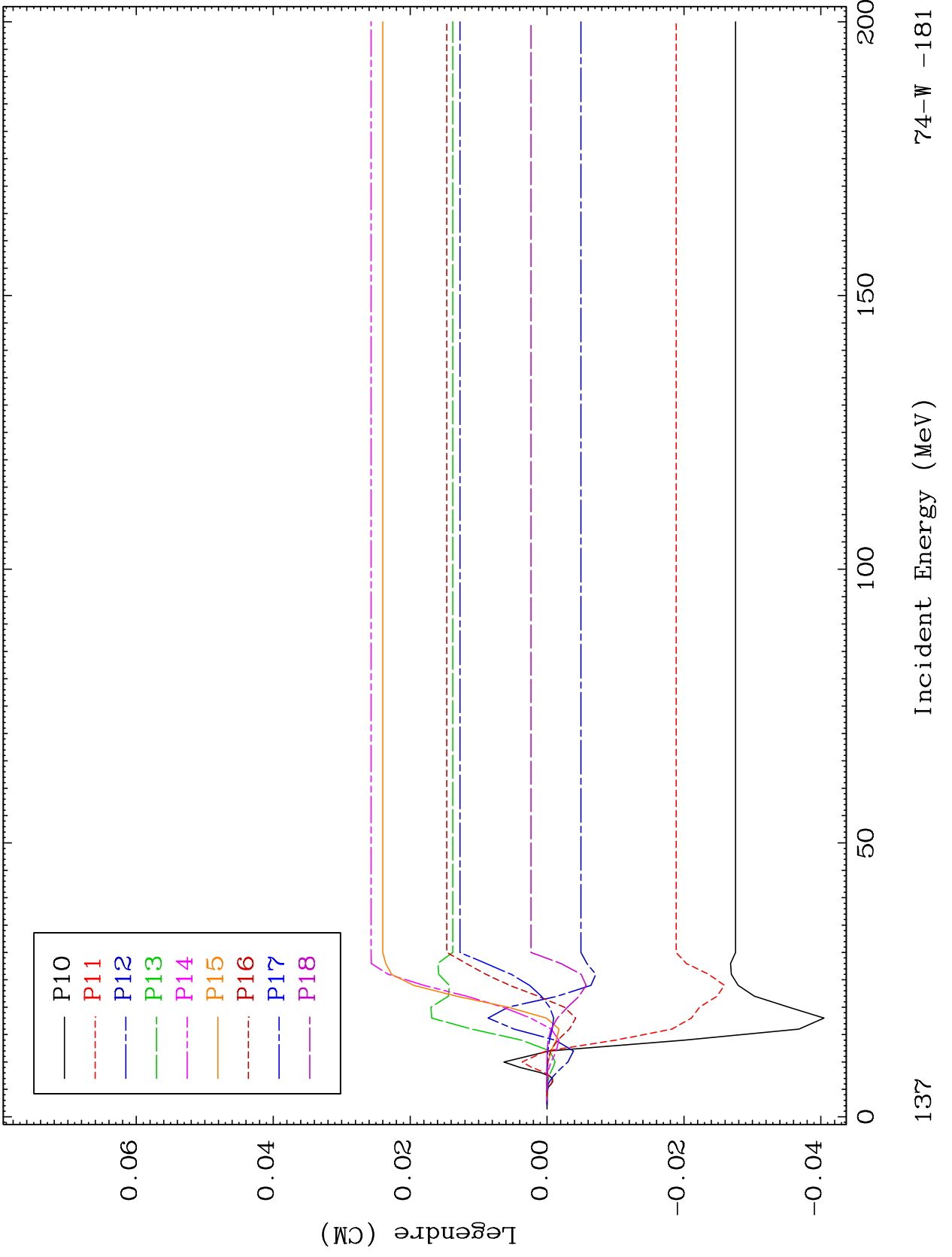
Incident Energy (MeV)

74-W -181

MAT 7428

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

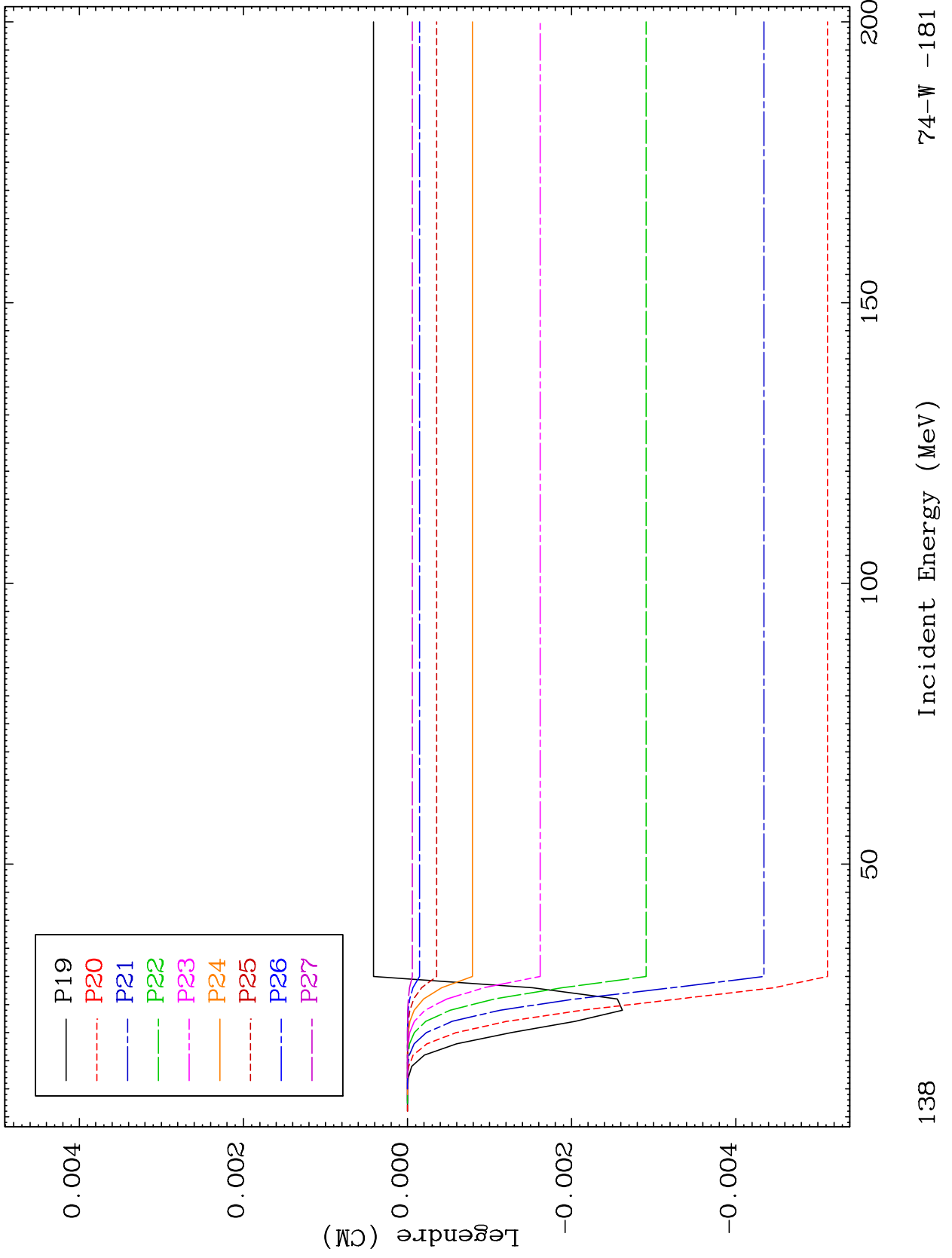
74-W -181

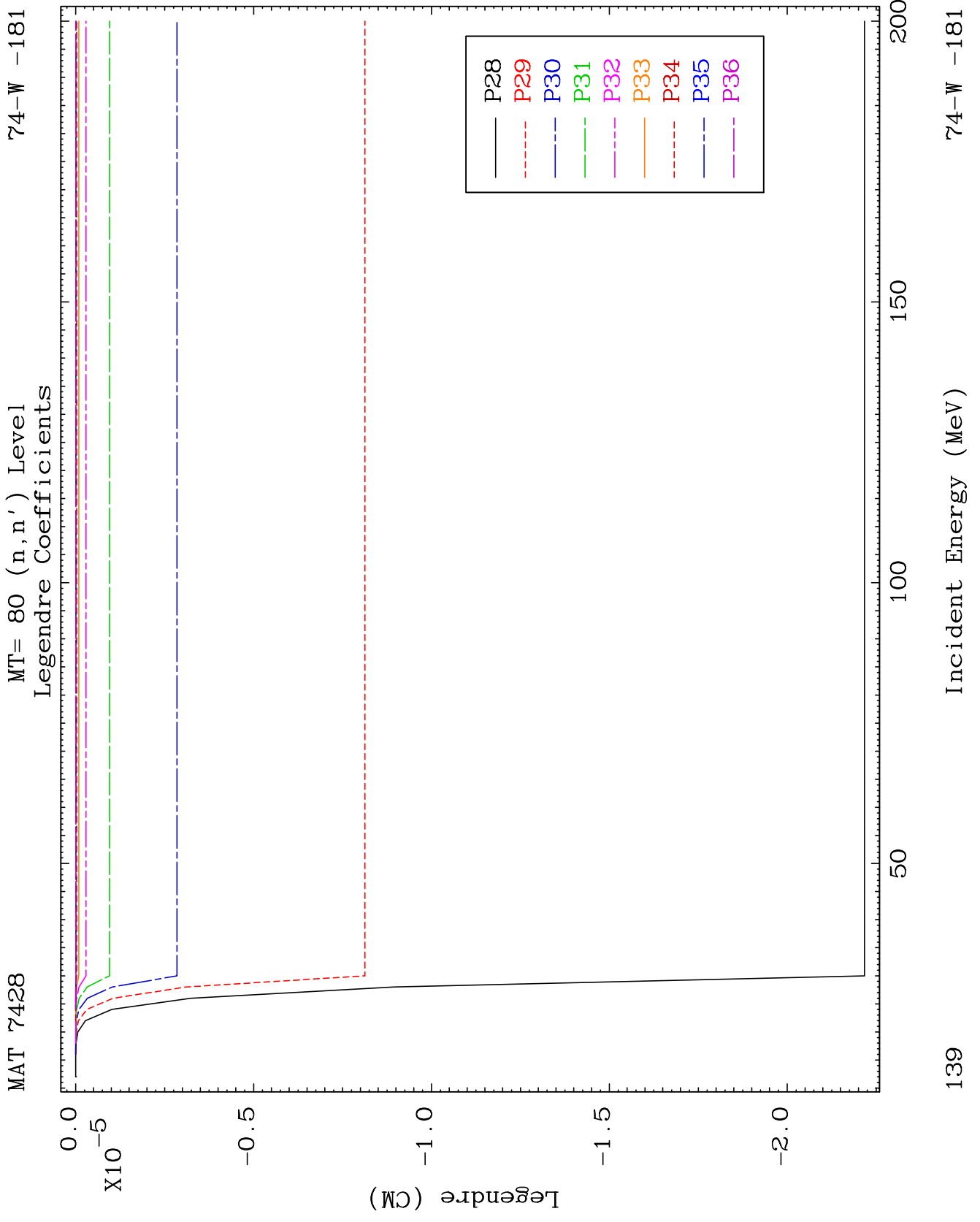


137

Incident Energy (MeV)

74-W -181

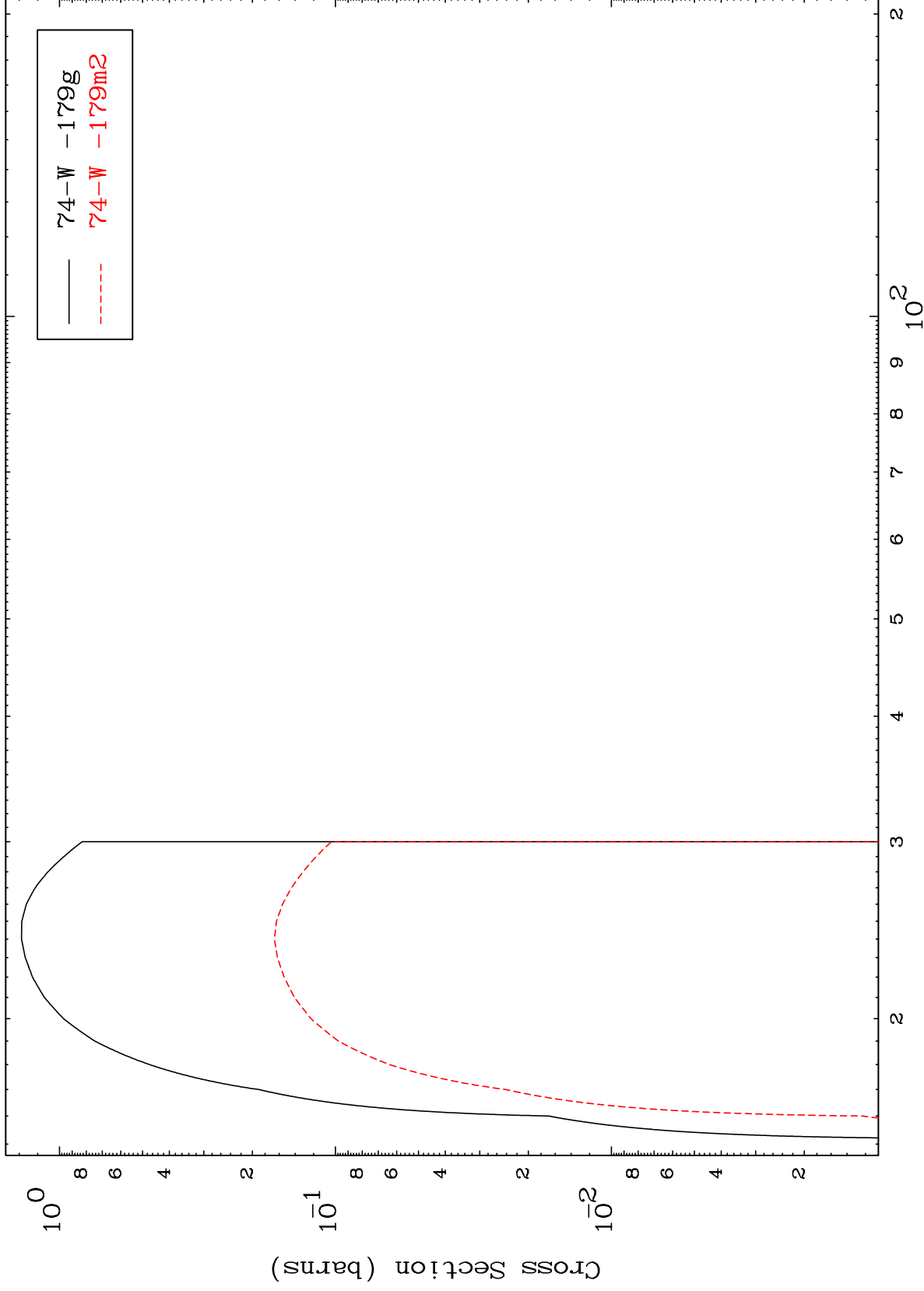




MAT 7428

74-W -181

(n,3n)
Radionuclide Production Cross Section

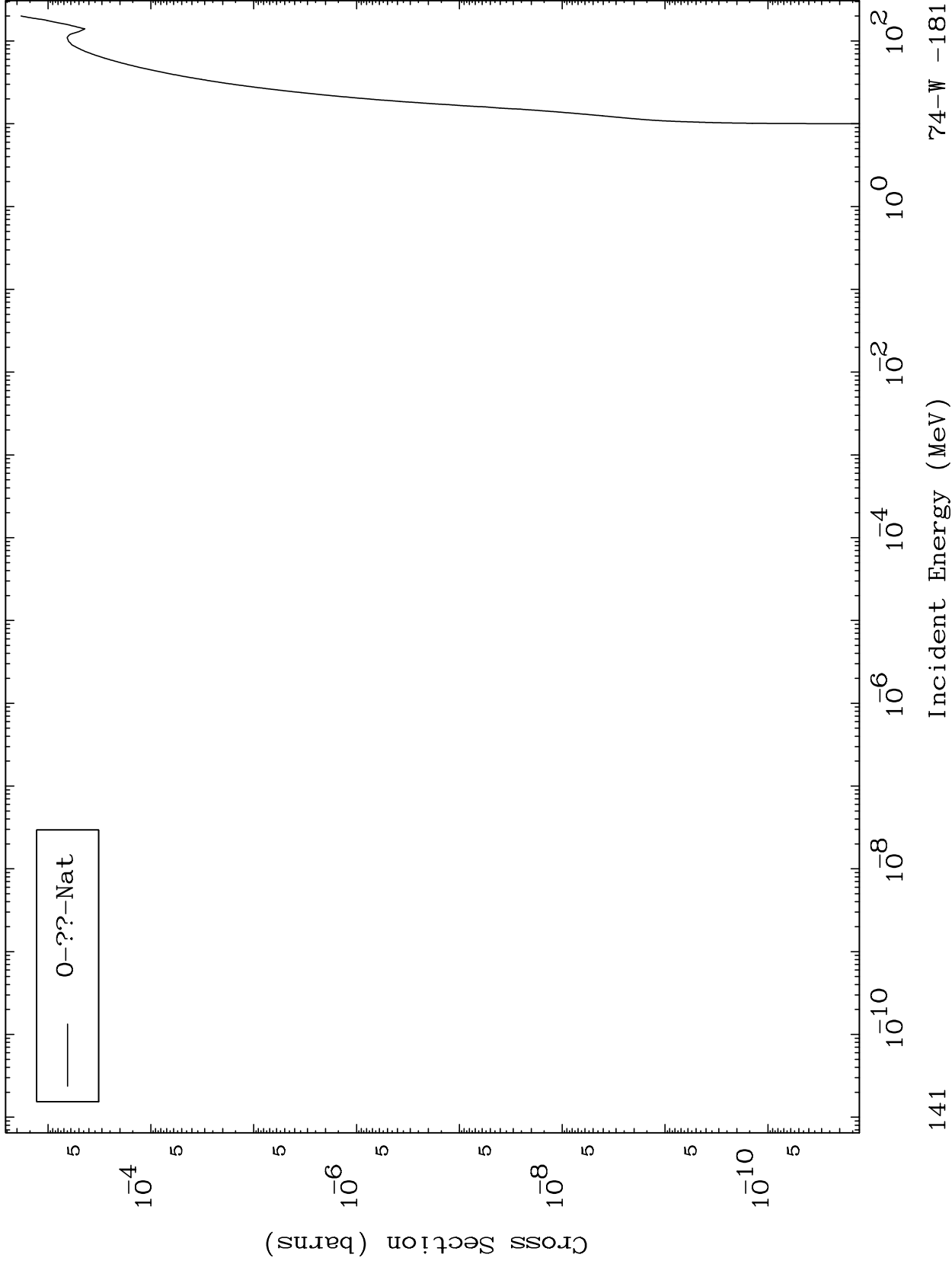


140

Incident Energy (MeV)

74-W -181

Radionuclide Production Cross Section

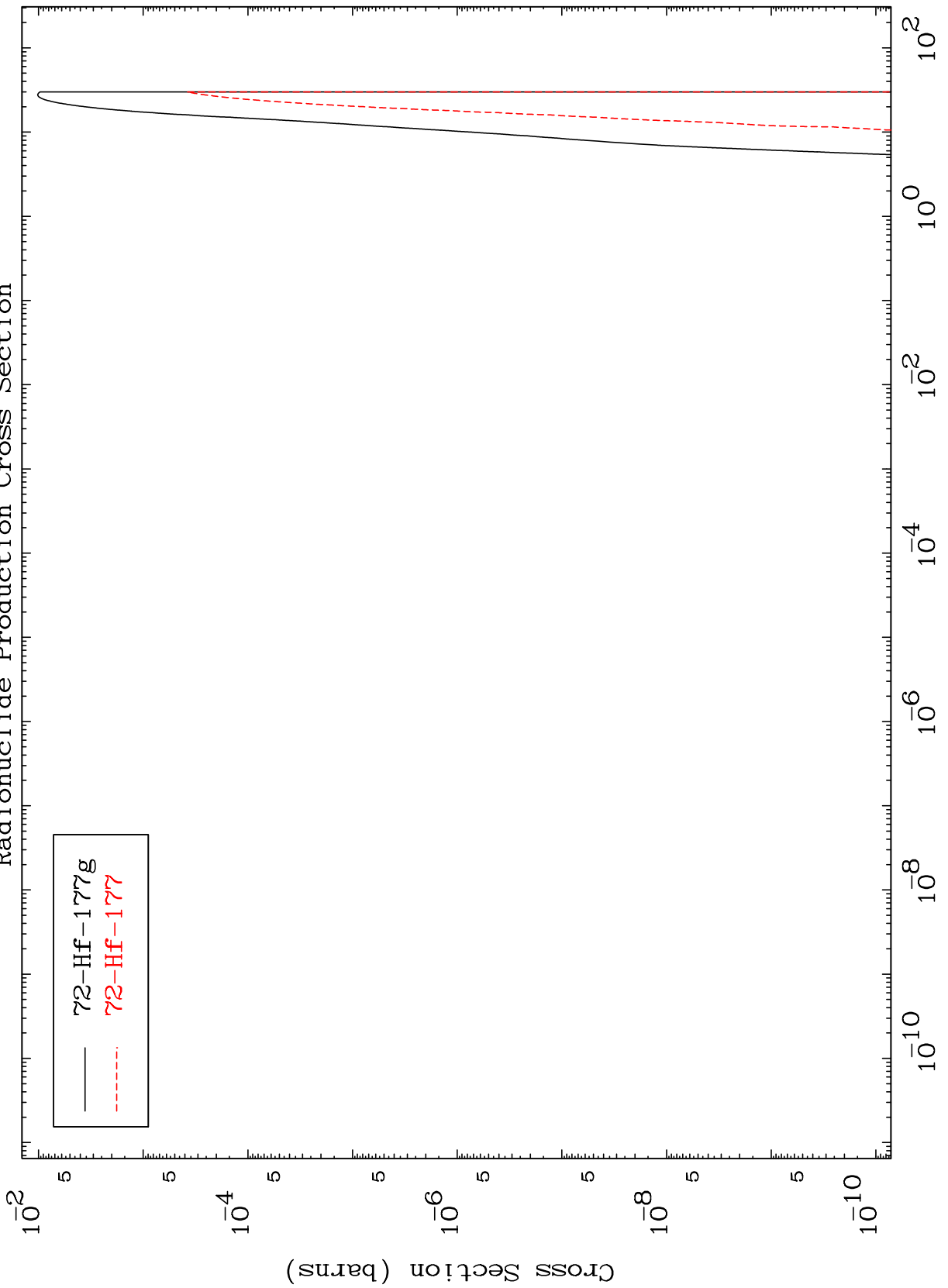


MAT 7428

(n,n') α

74-W -181

Radionuclide Production Cross Section

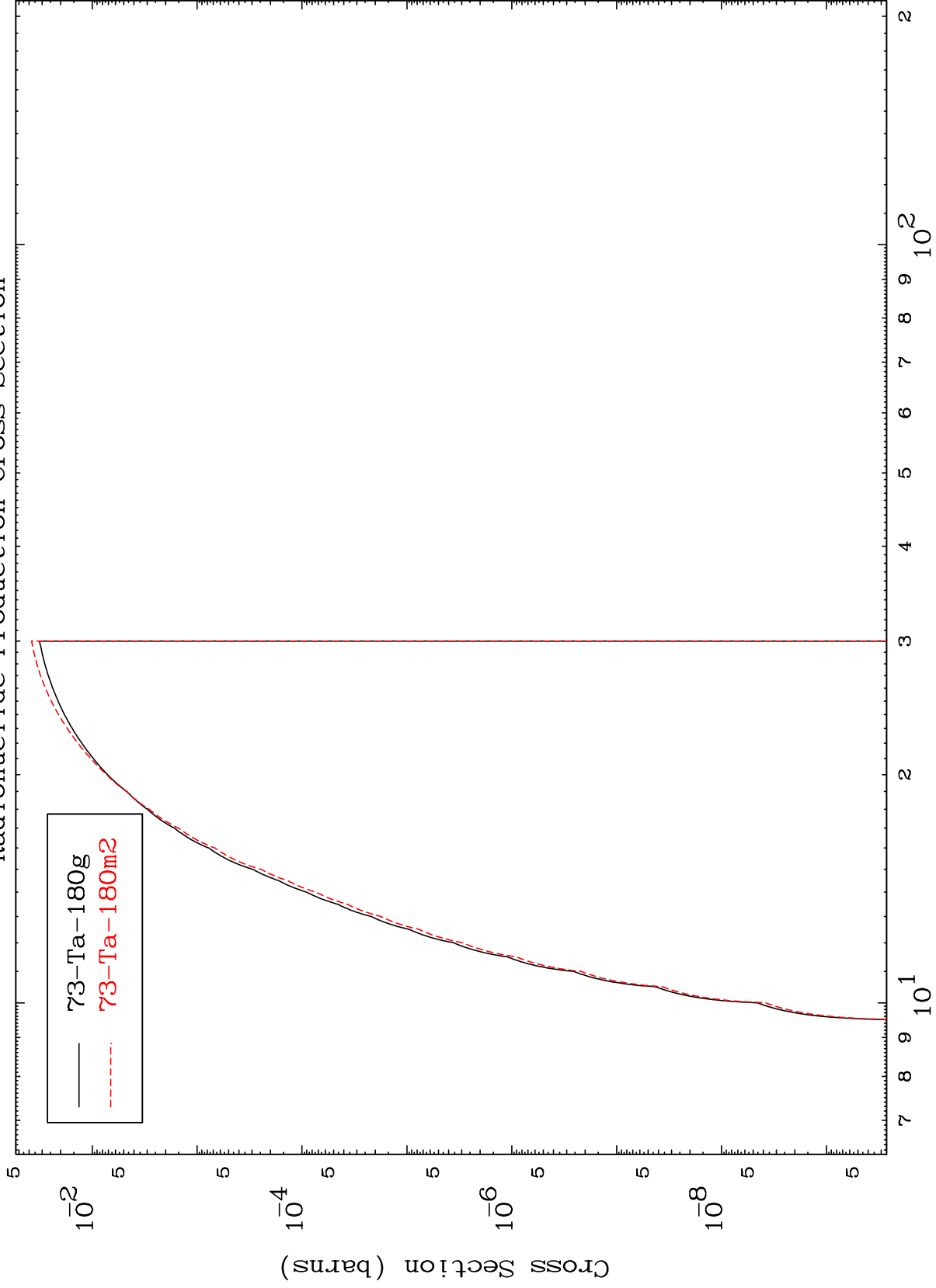


142

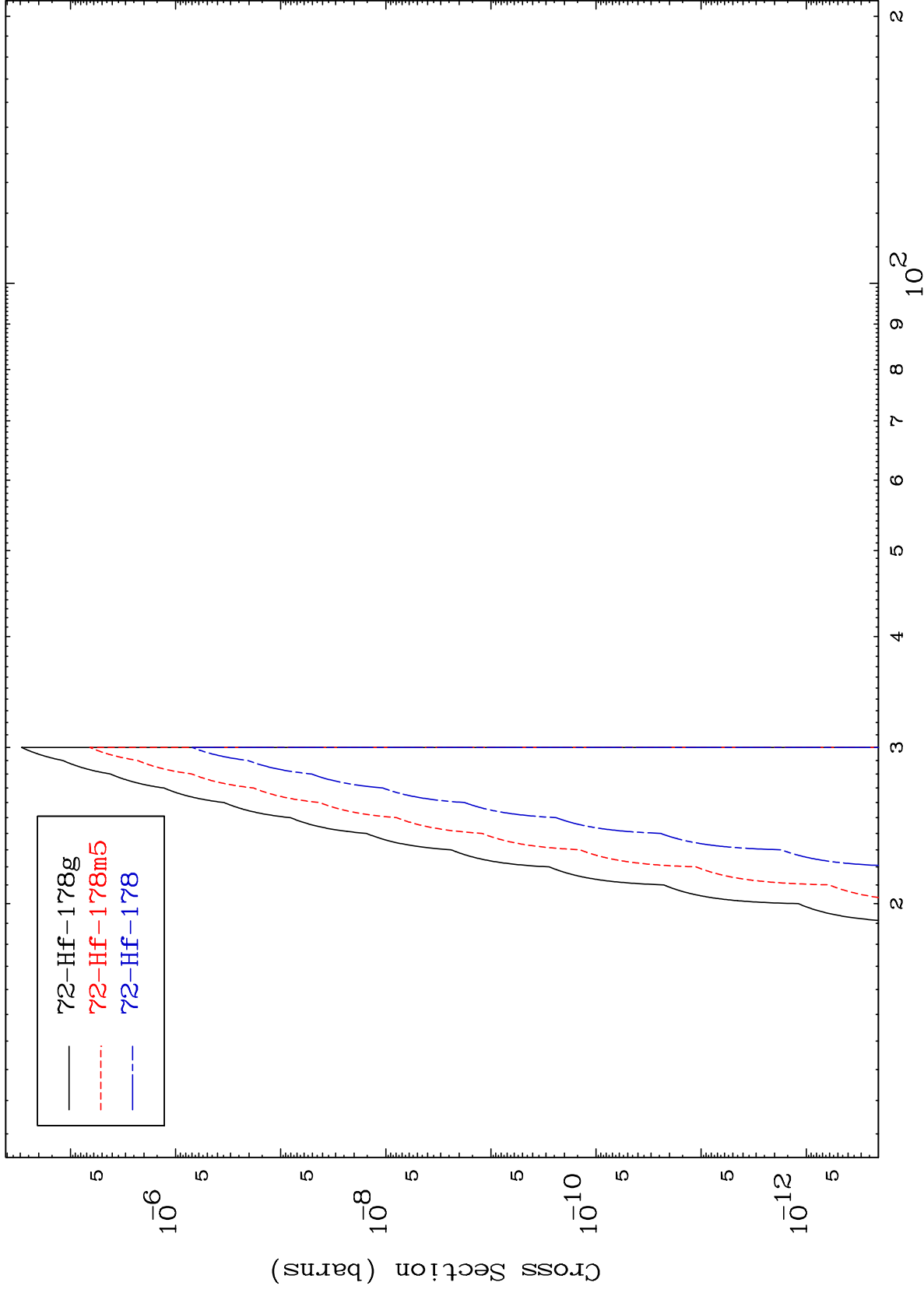
Incident Energy (MeV)

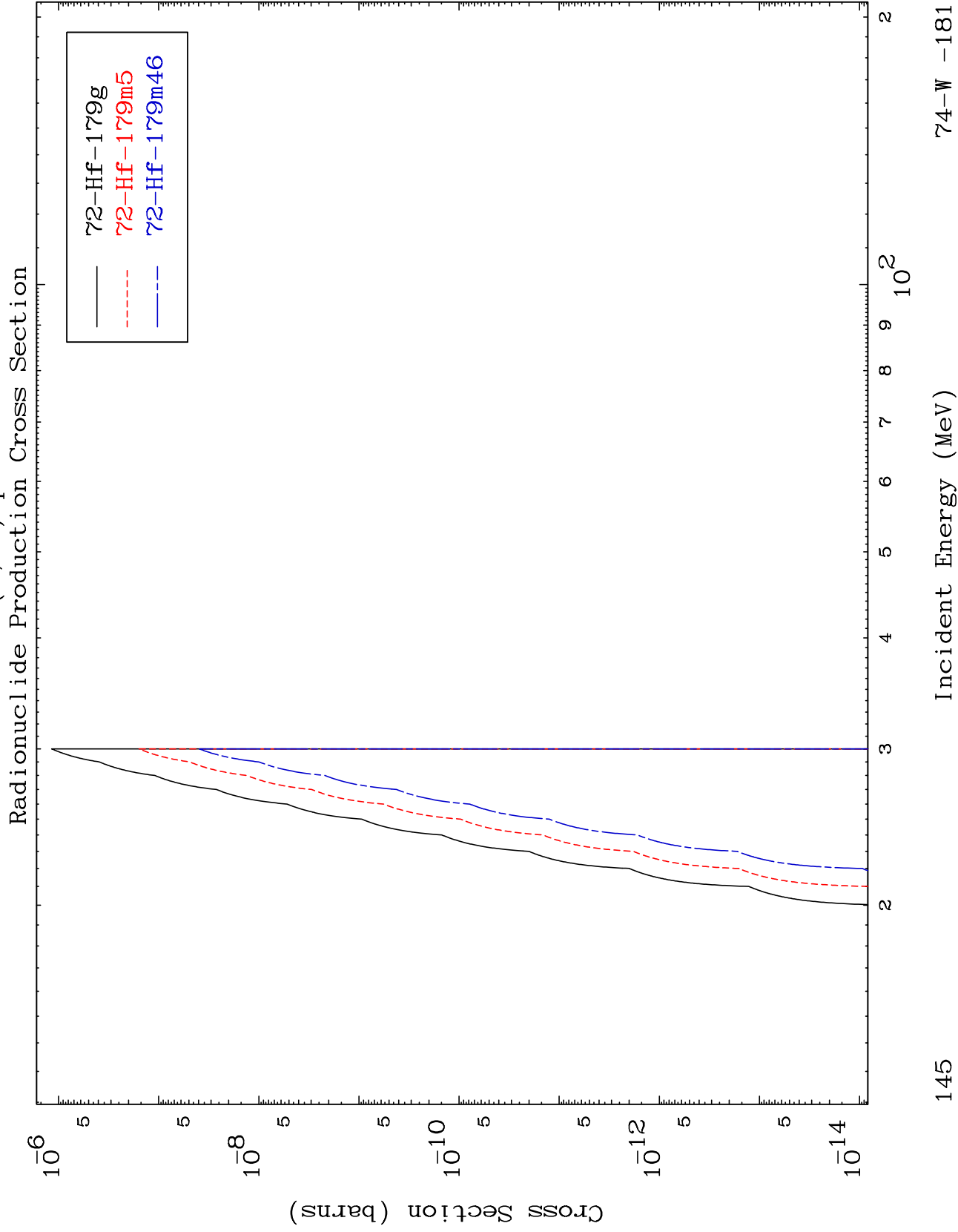
74-W -181

(n,n') p
Radionuclide Production Cross Section

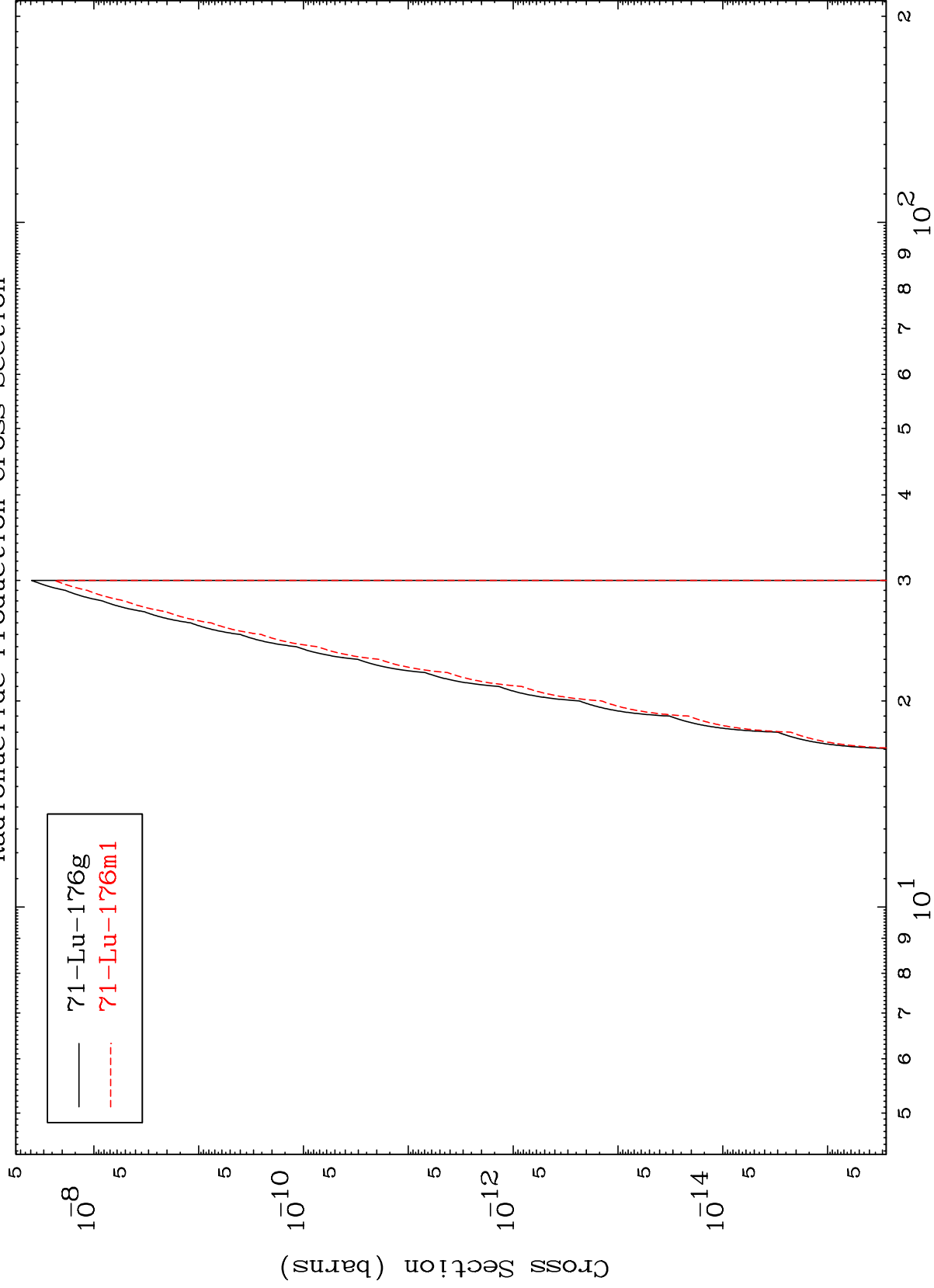


Radionuclide Production Cross Section



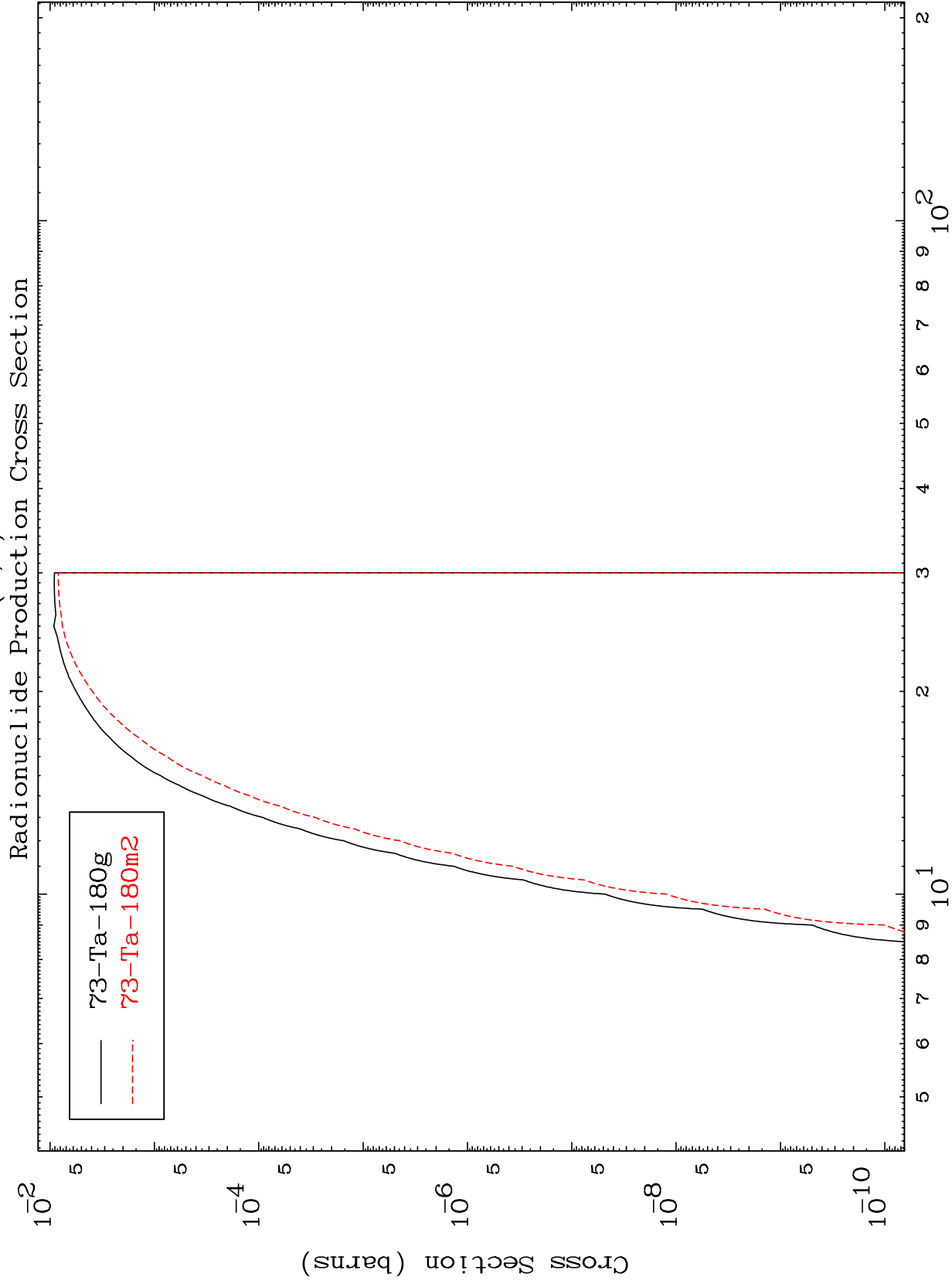


Radionuclide Production Cross Section



MAT 7428

74-W -181

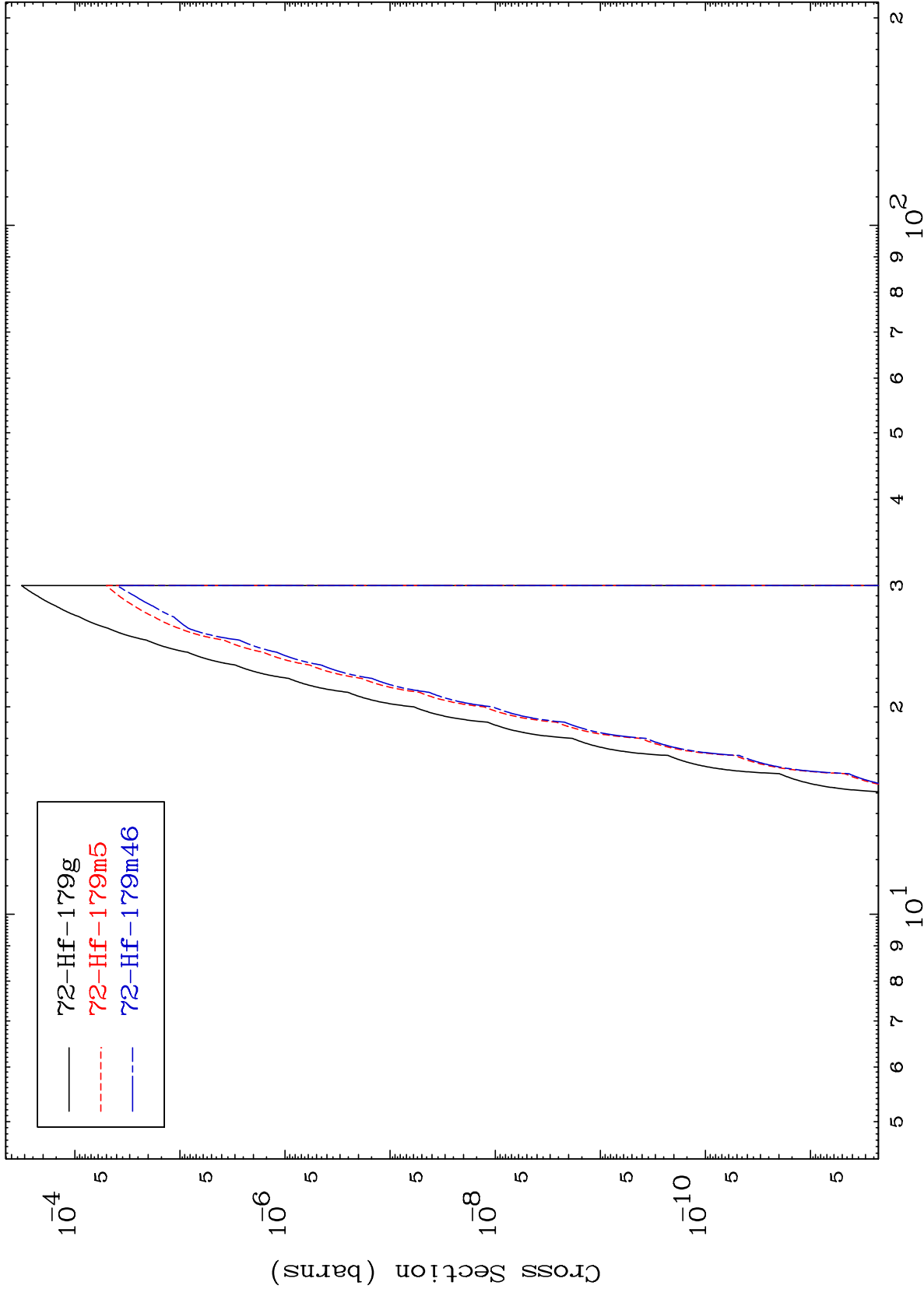


147

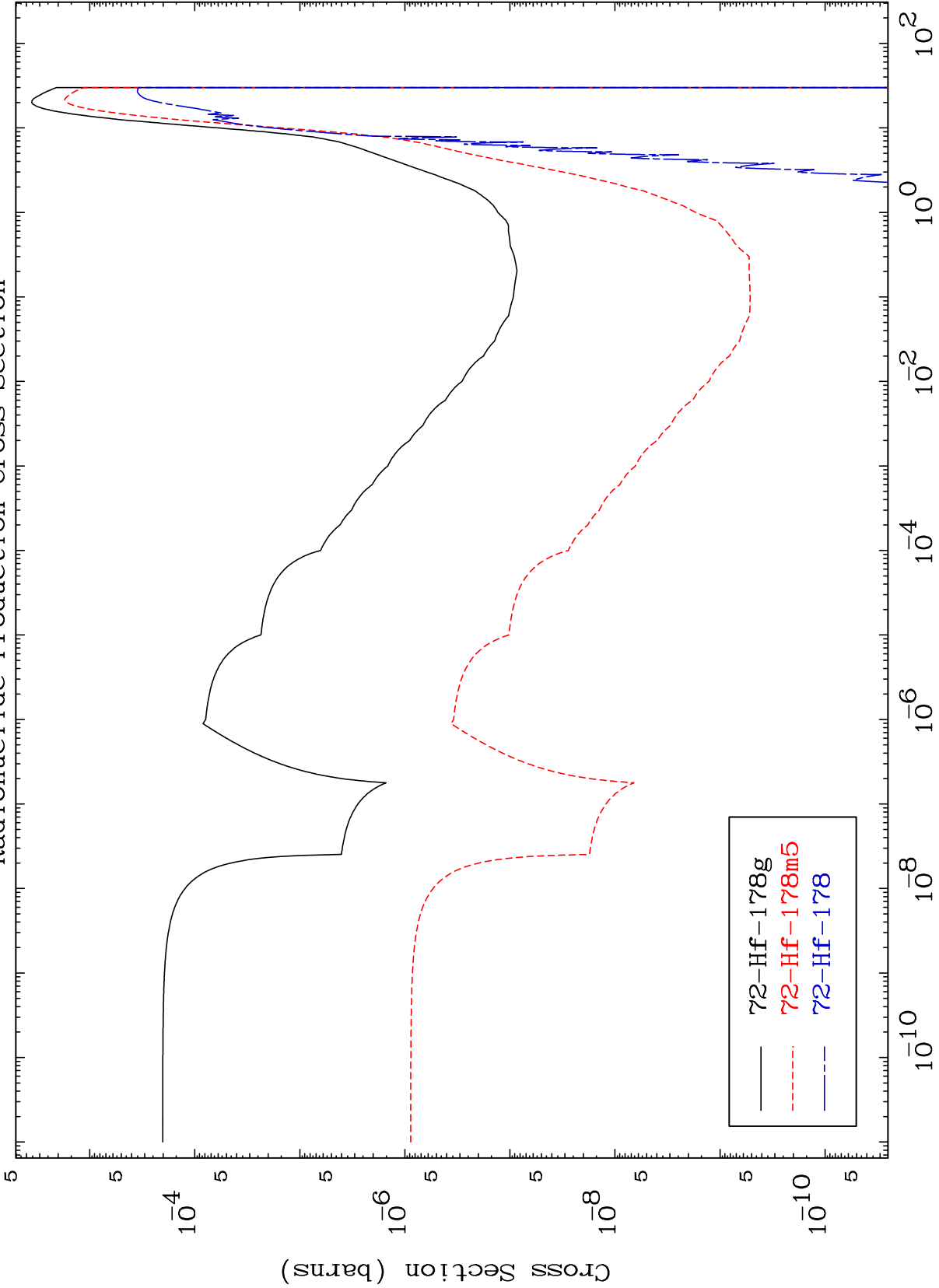
Incident Energy (MeV)

74-W -181

Radionuclide Production Cross Section



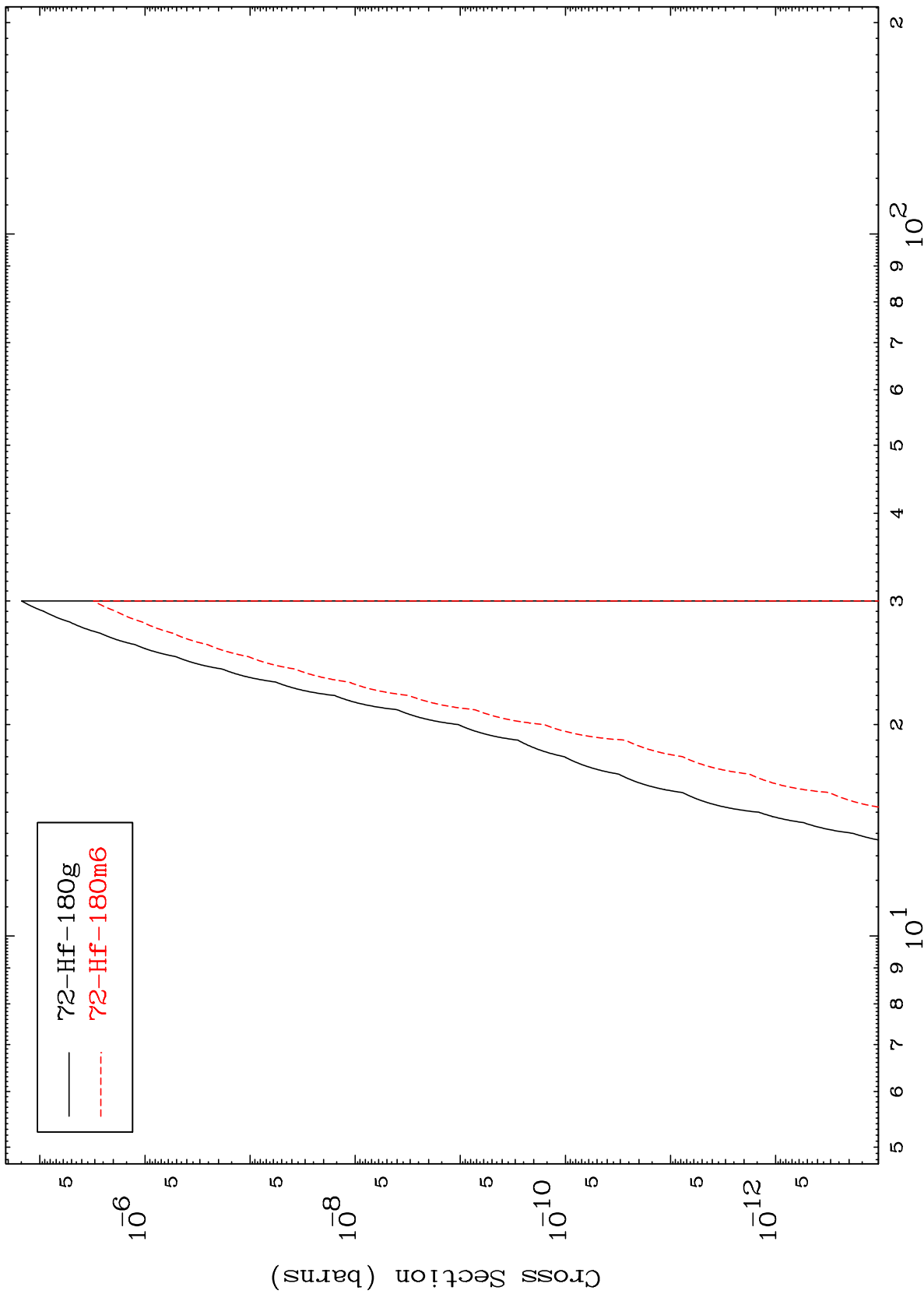
Radionuclide Production Cross Section



MAT 7428

74-W -181

(n,2p)
Radionuclide Production Cross Section



— 72-Hf-180g
- - - 72-Hf-180m6

74-W -181

Incident Energy (MeV)

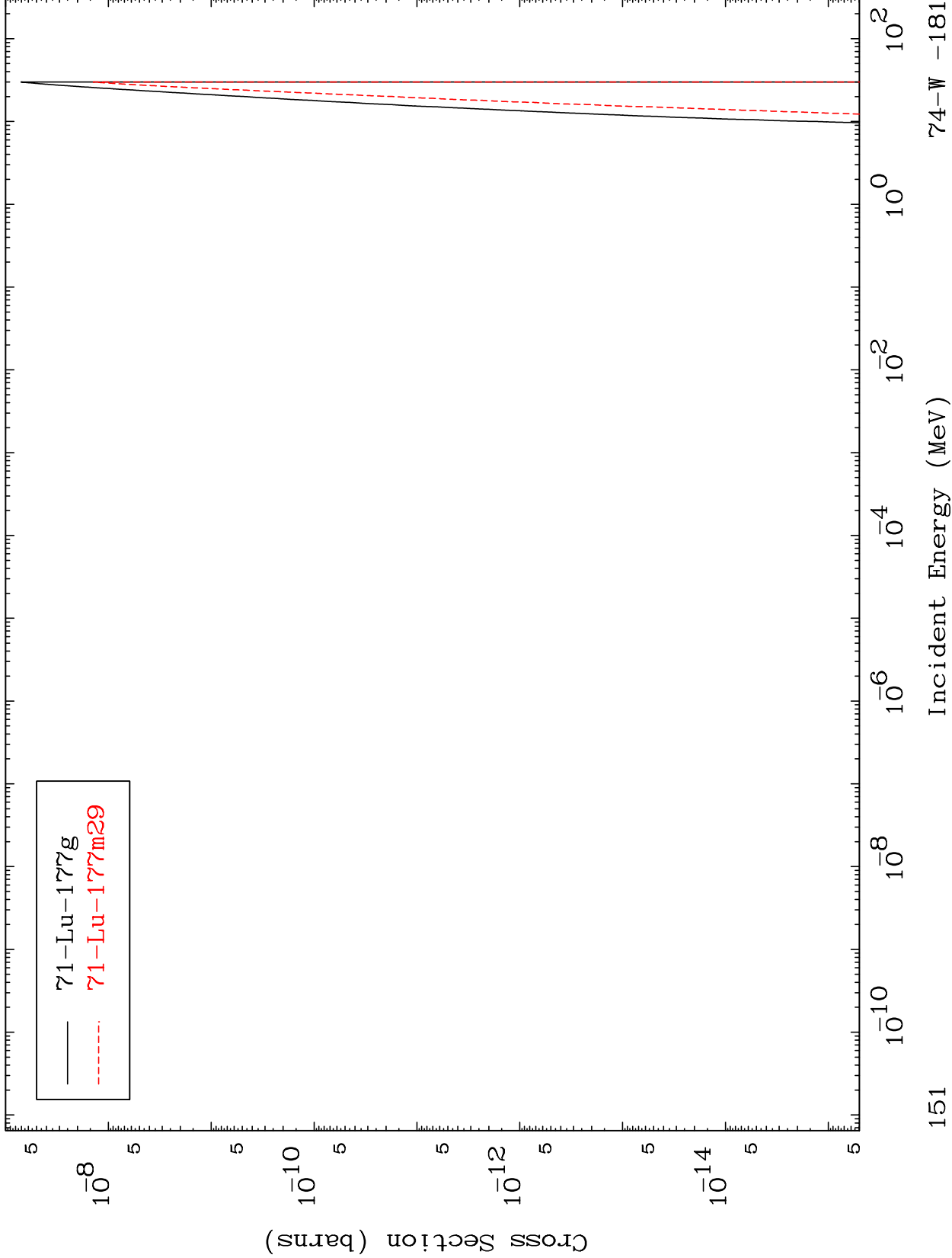
150

MAT 7428

(n,p) α

74-W -181

Radionuclide Production Cross Section



151

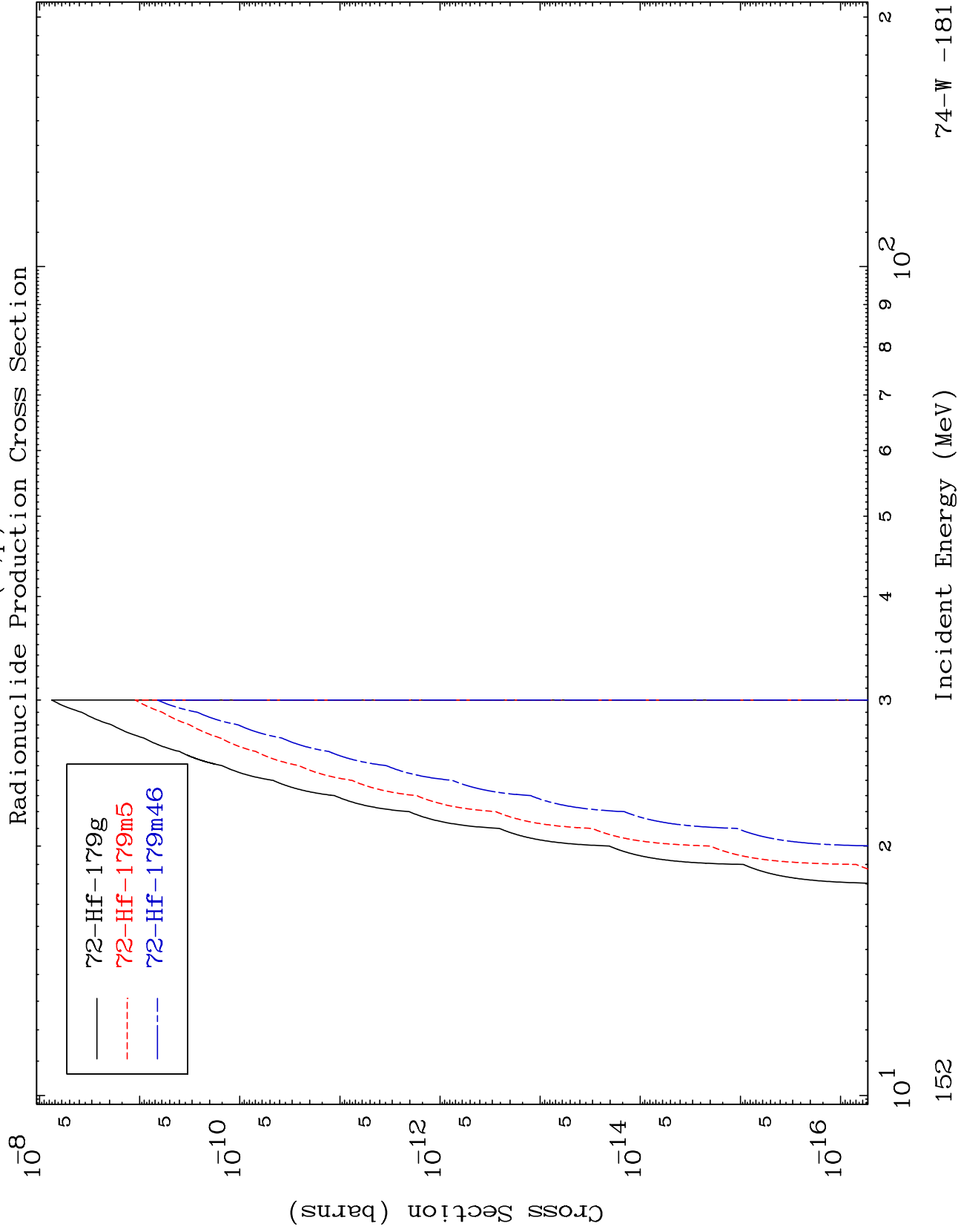
Incident Energy (MeV)

74-W -181

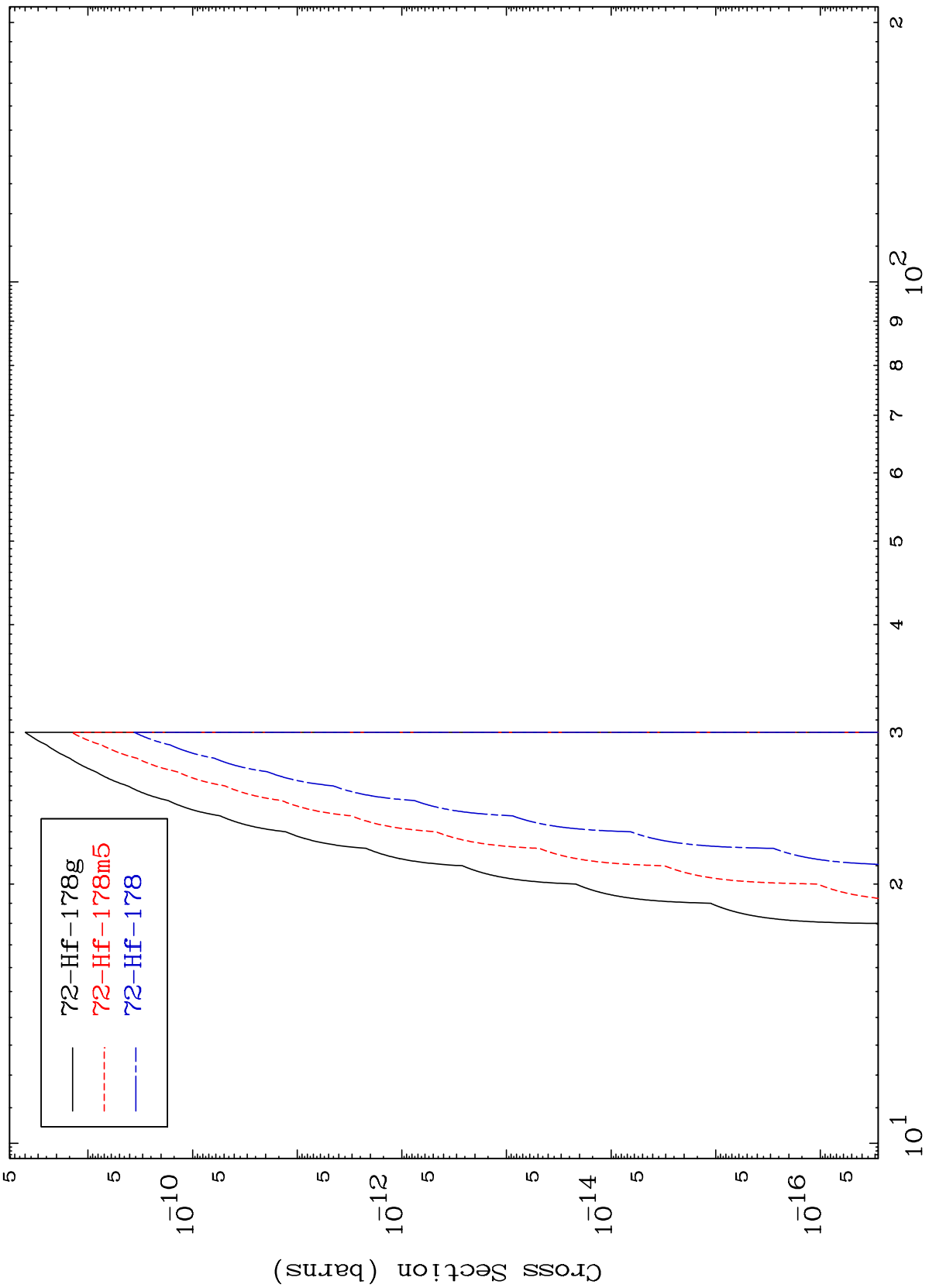
MAT 7428

(n,p) d

74-W -181



Radionuclide Production Cross Section



Radionuclide Production Cross Section

