

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

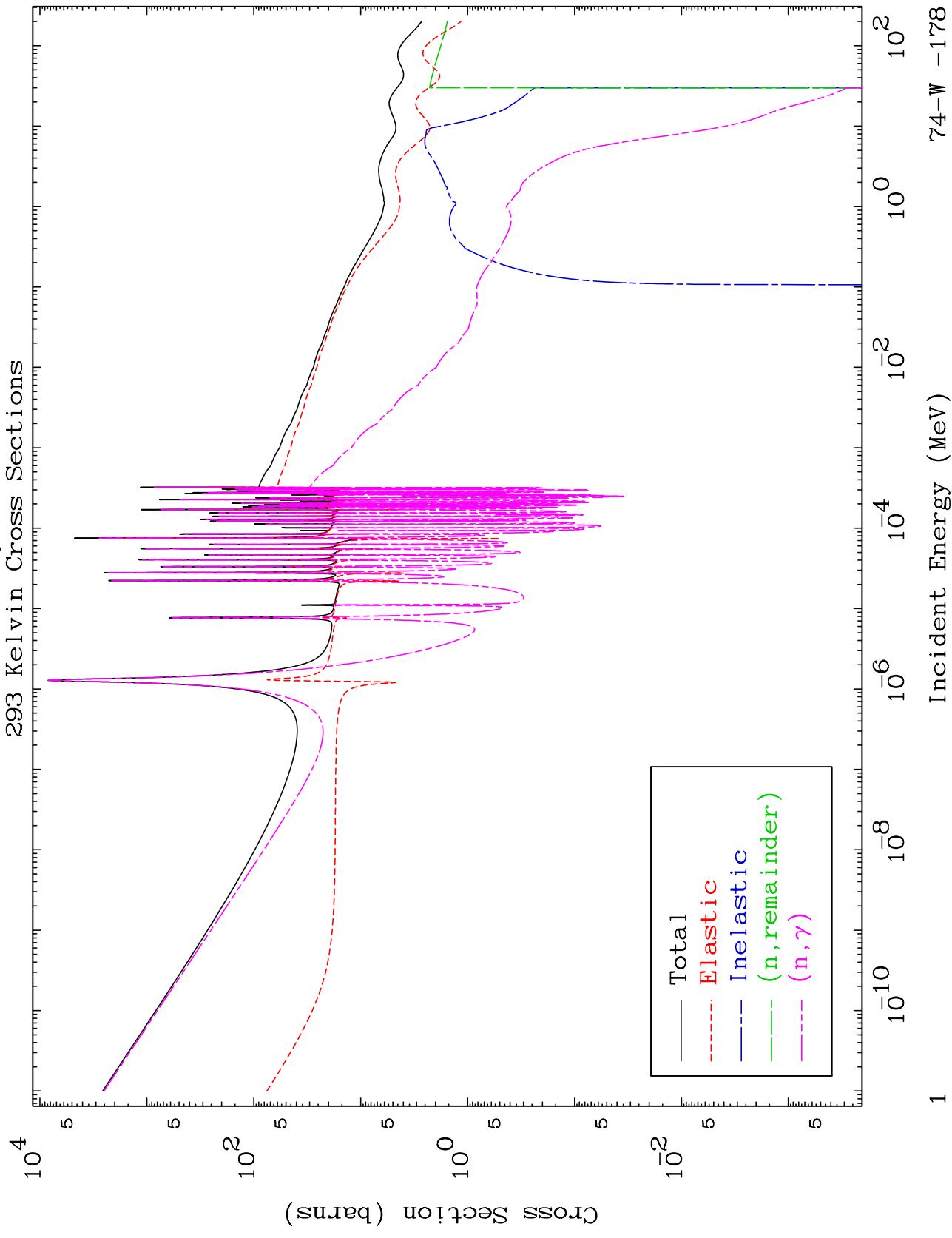
Press Mouse Button to Start

MAT 7419

Major

293 Kelvin Cross Sections

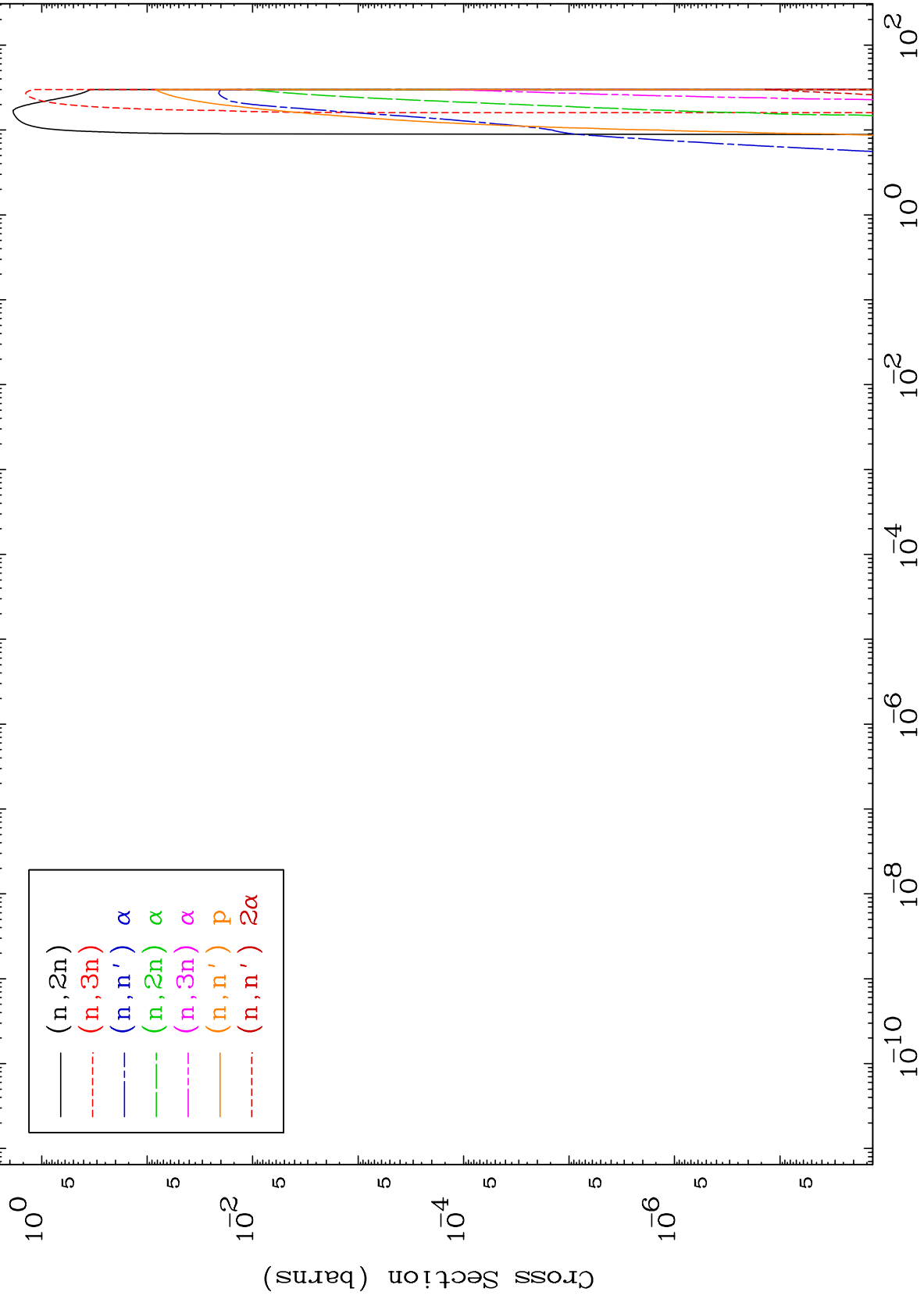
74-W -178



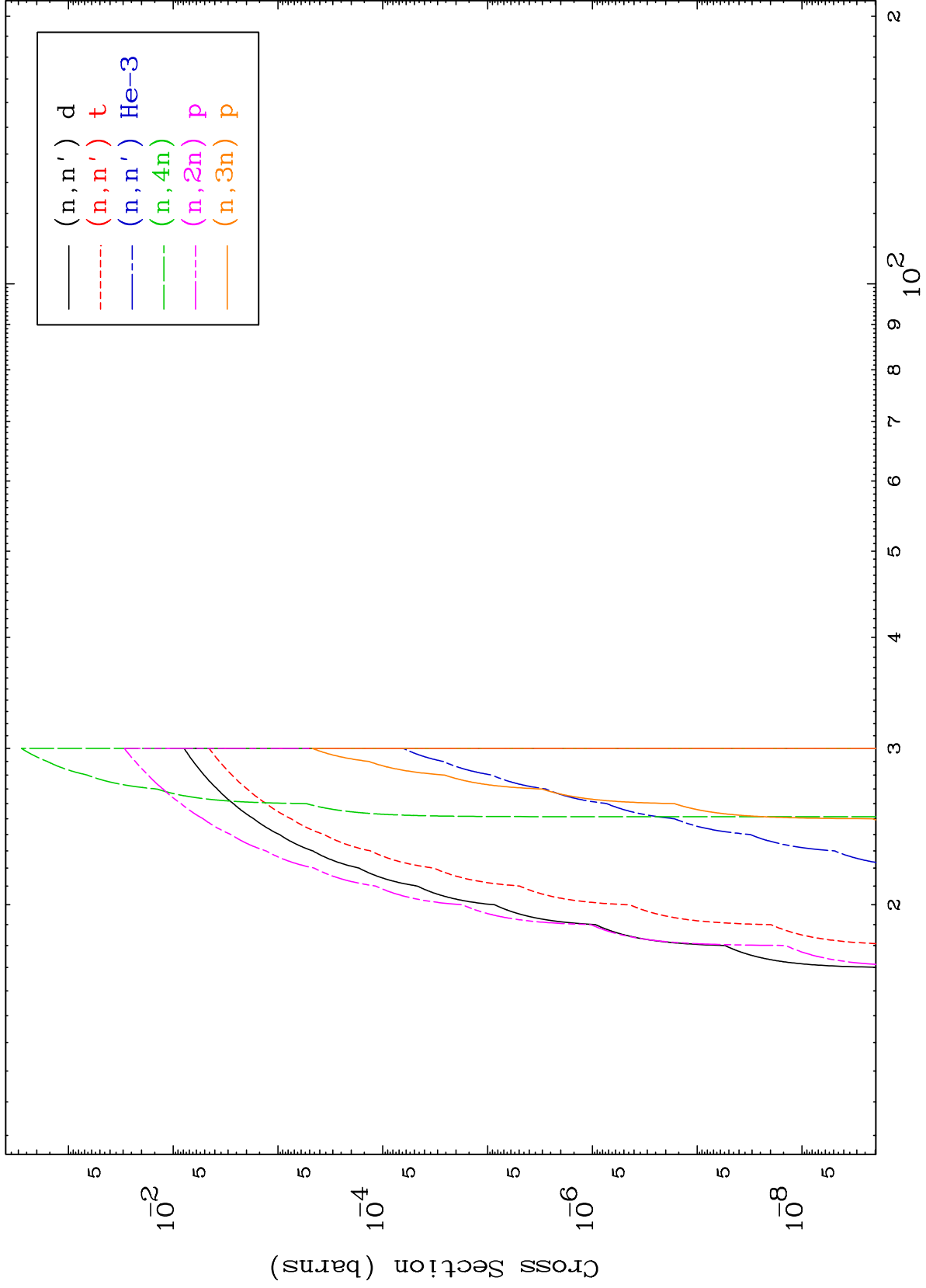
MAT 7419

Neutron Production
293 Kelvin Cross Sections

74-W -178



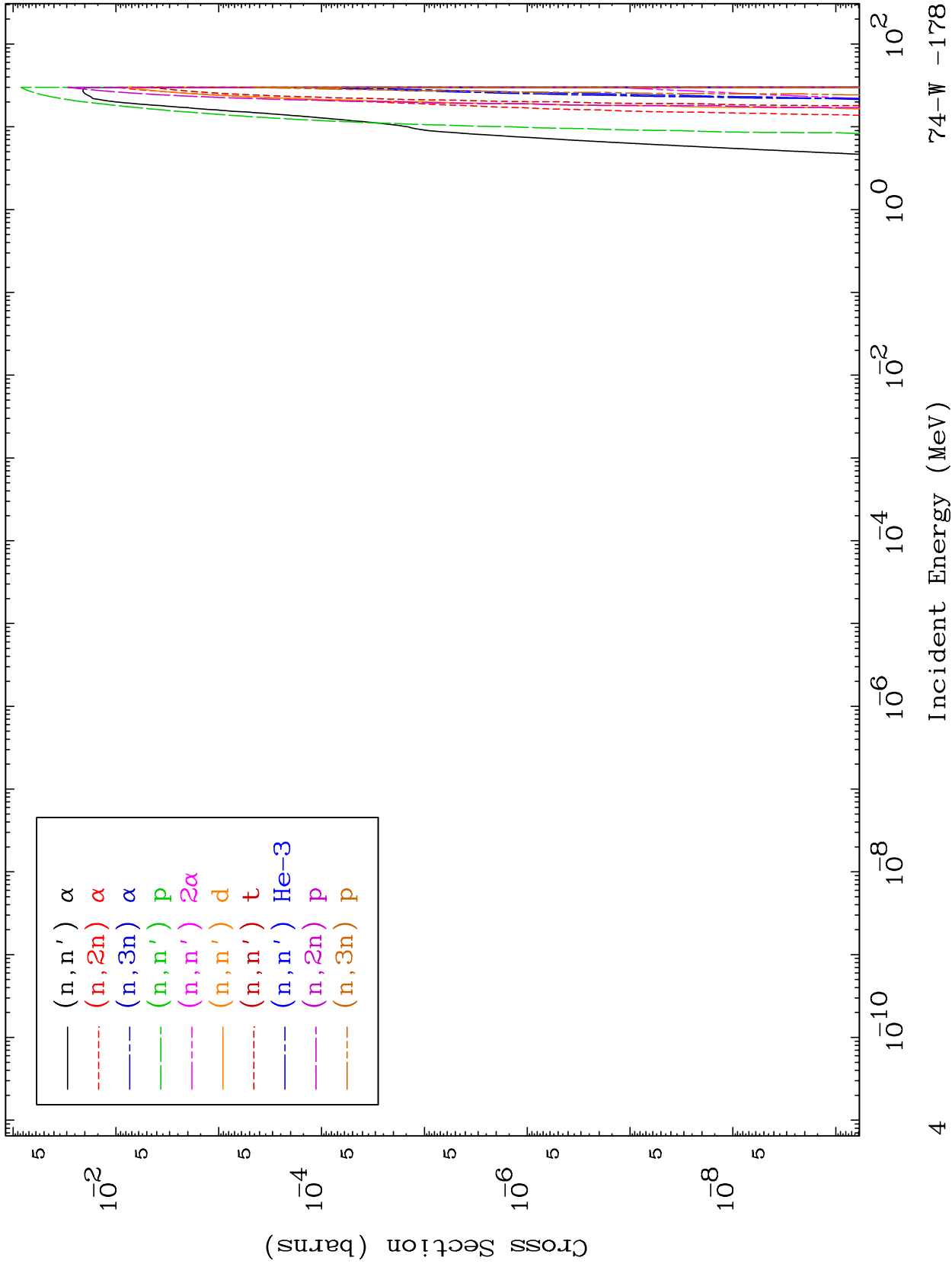
74-W -178

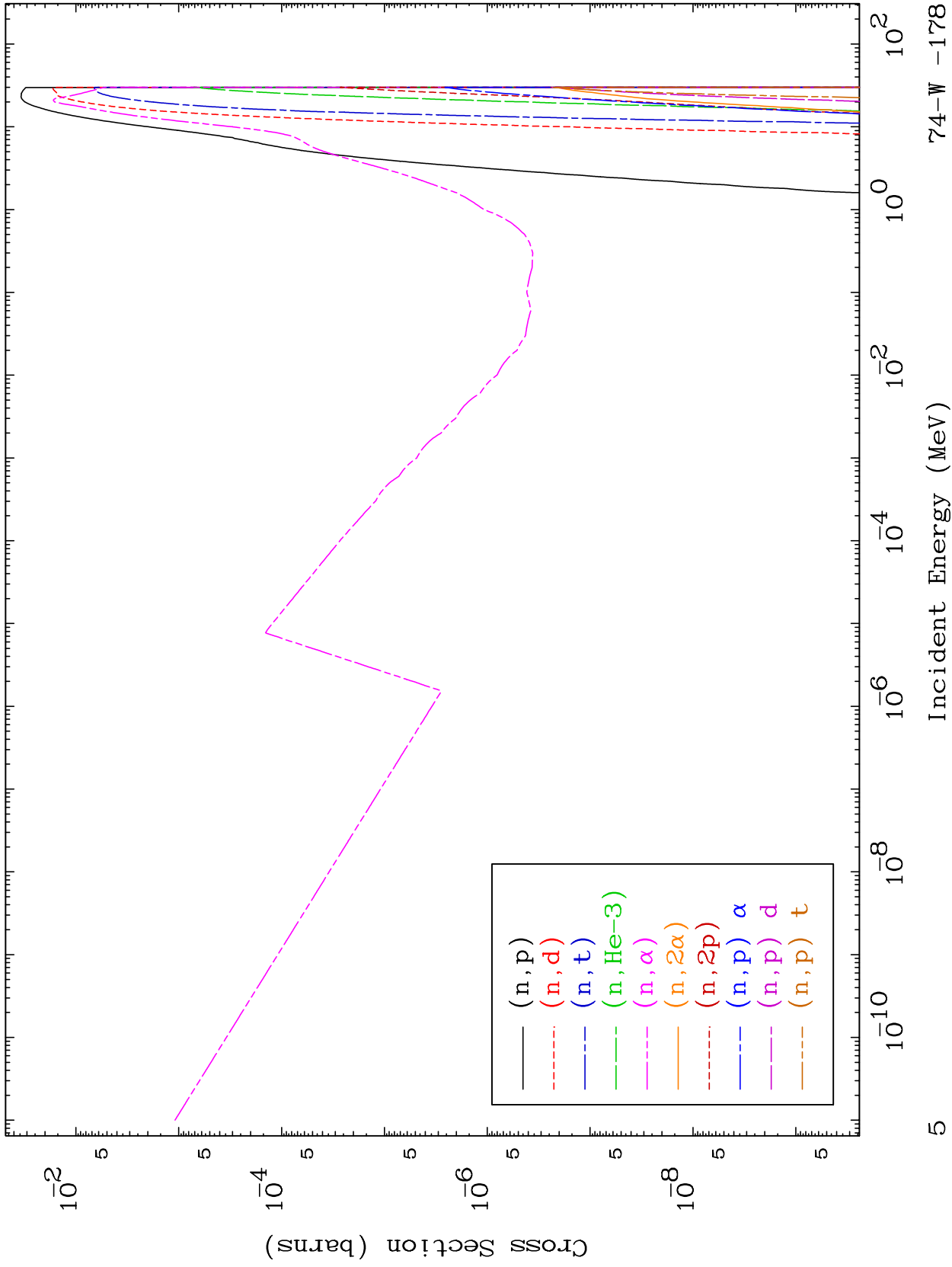


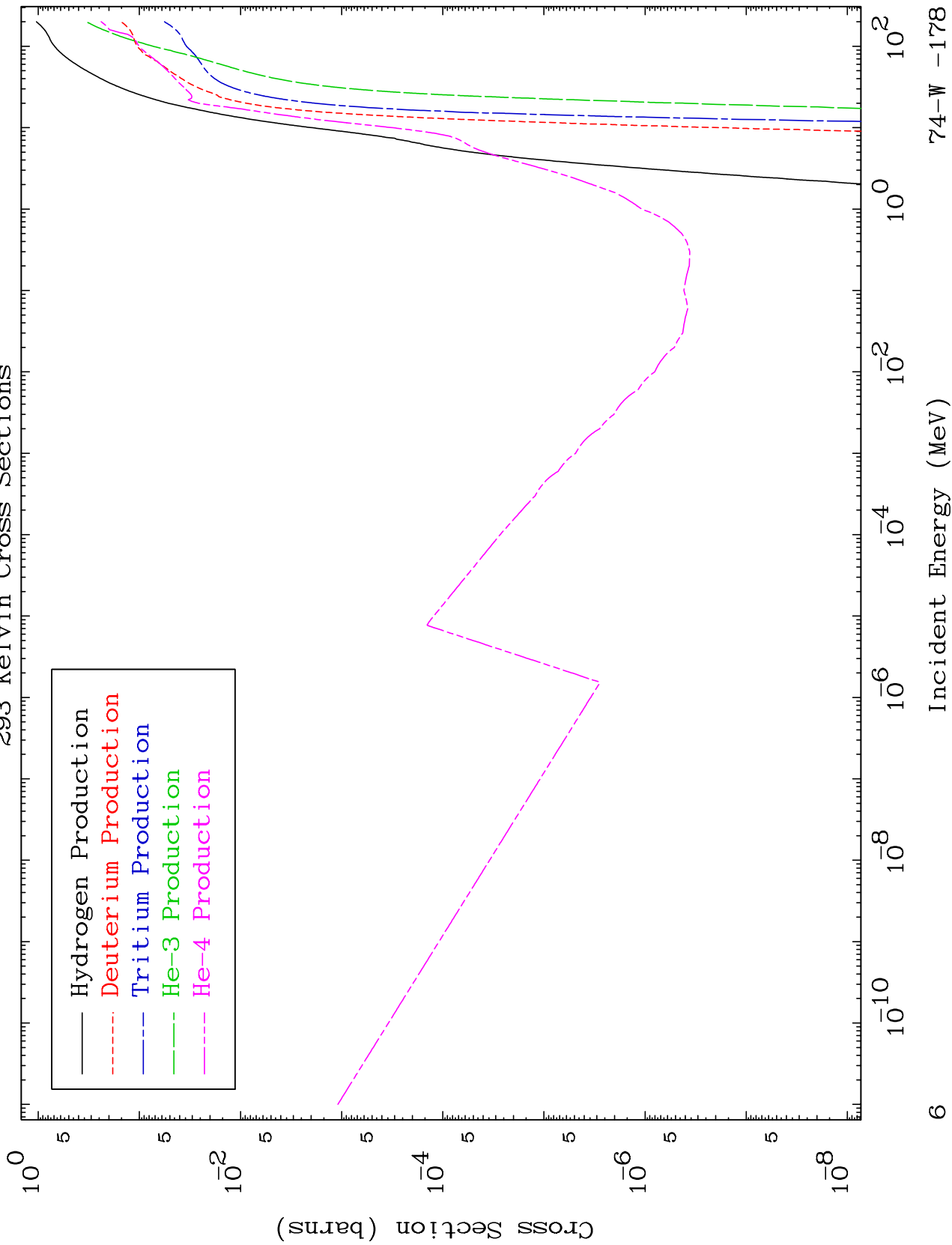
MAT 7419

Charged Particle
293 Kelvin Cross Sections

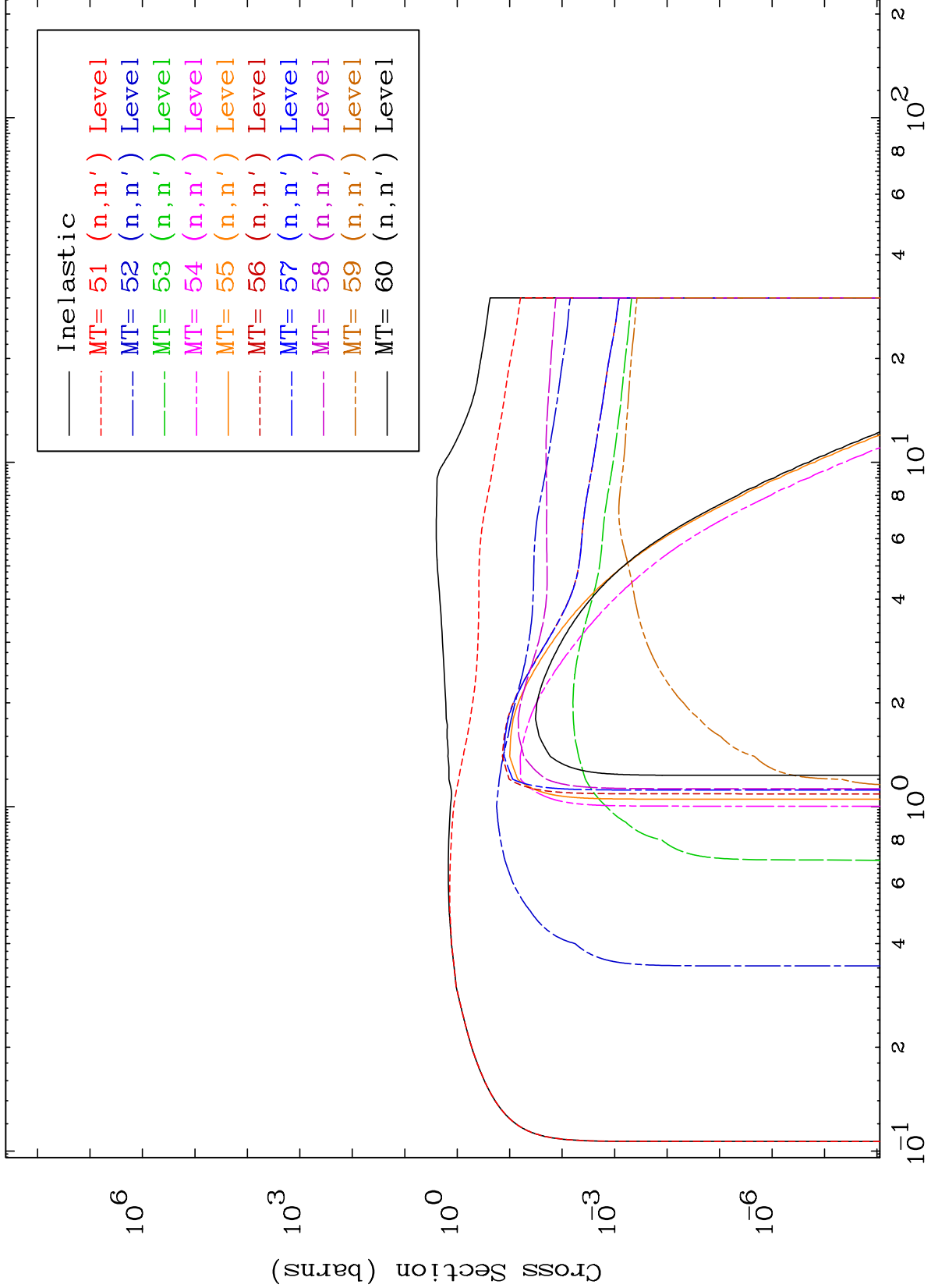
74-W -178



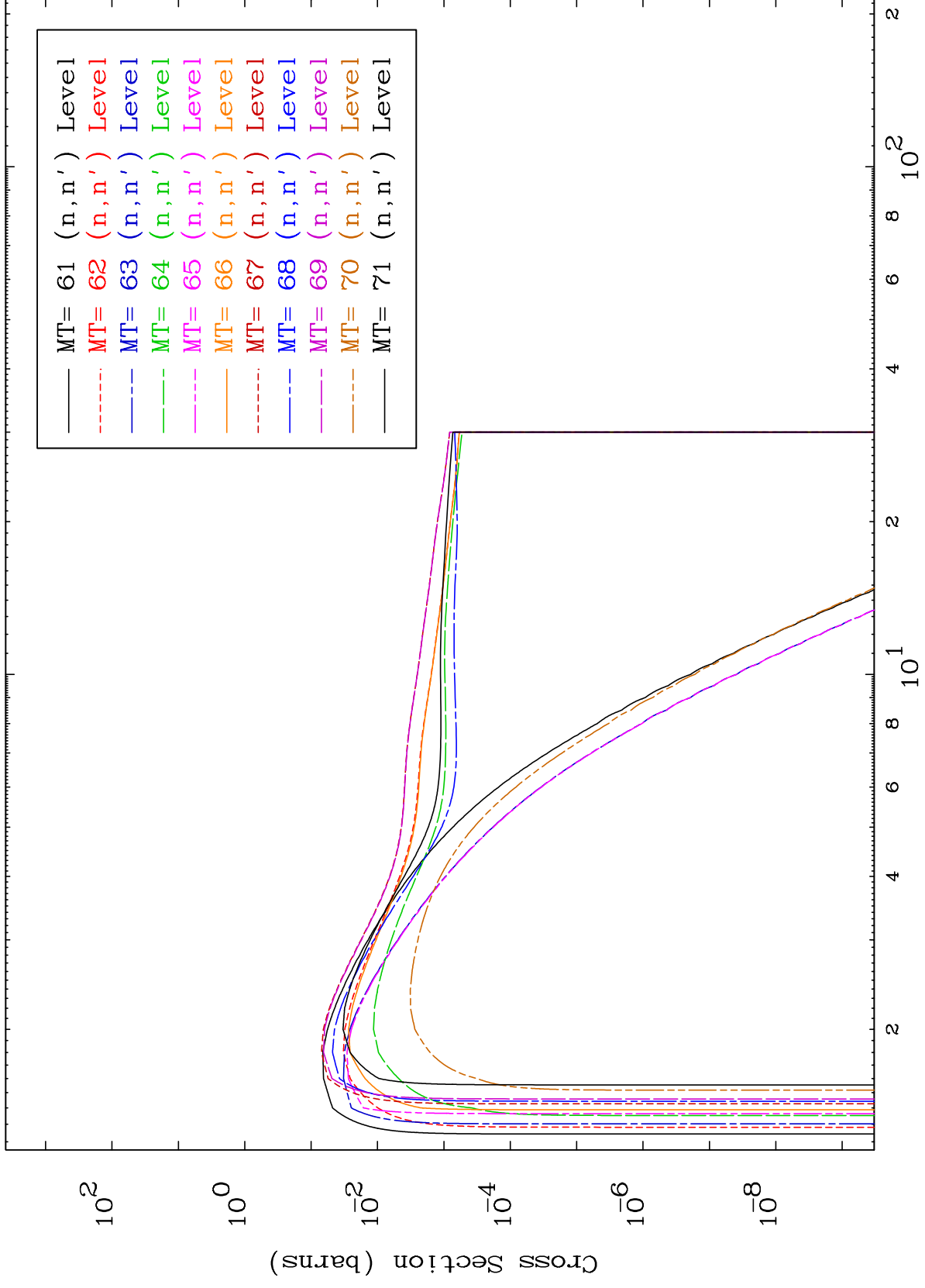




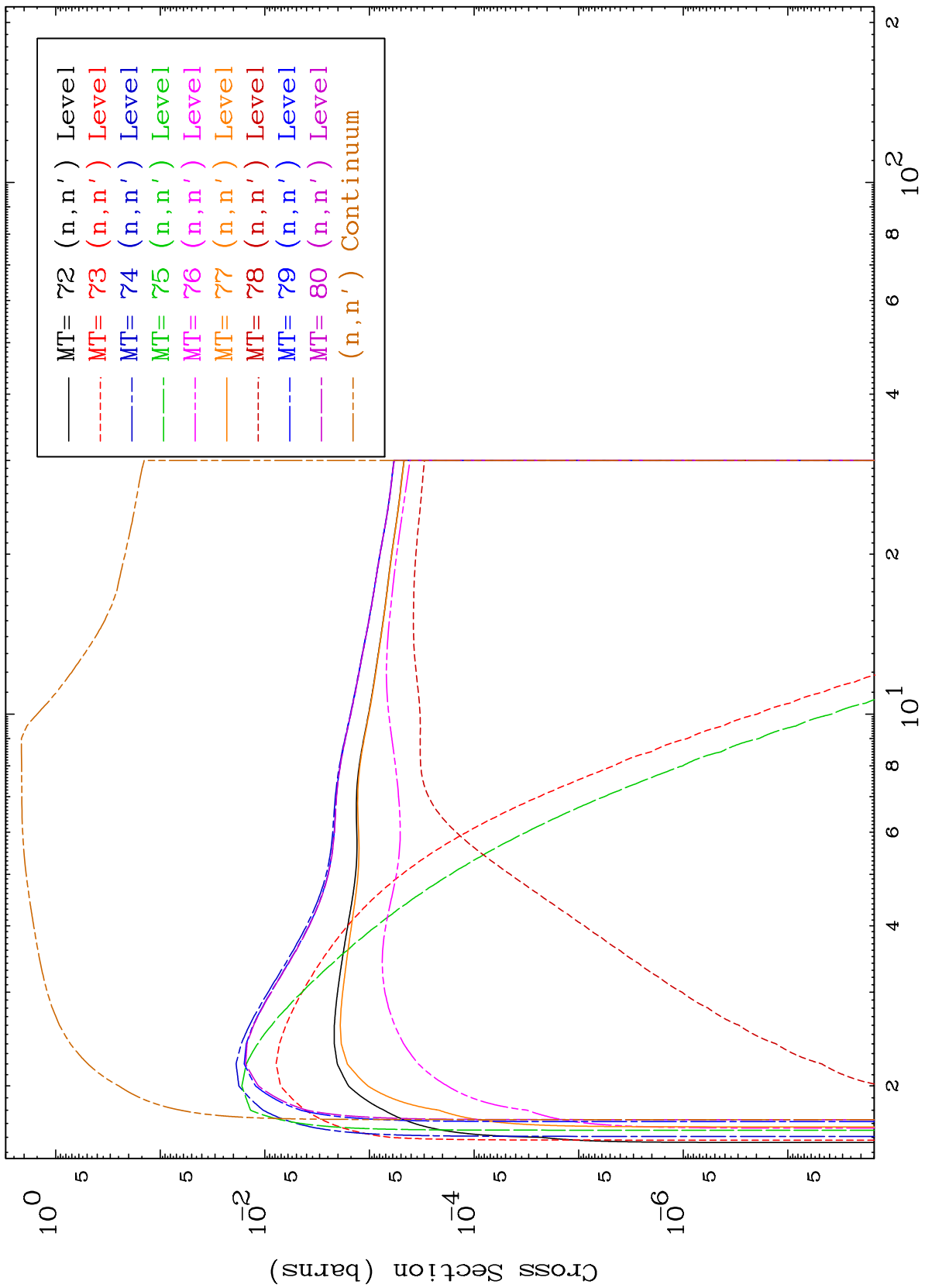
293 Kelvin Cross Sections



293 Kelvin Cross Sections



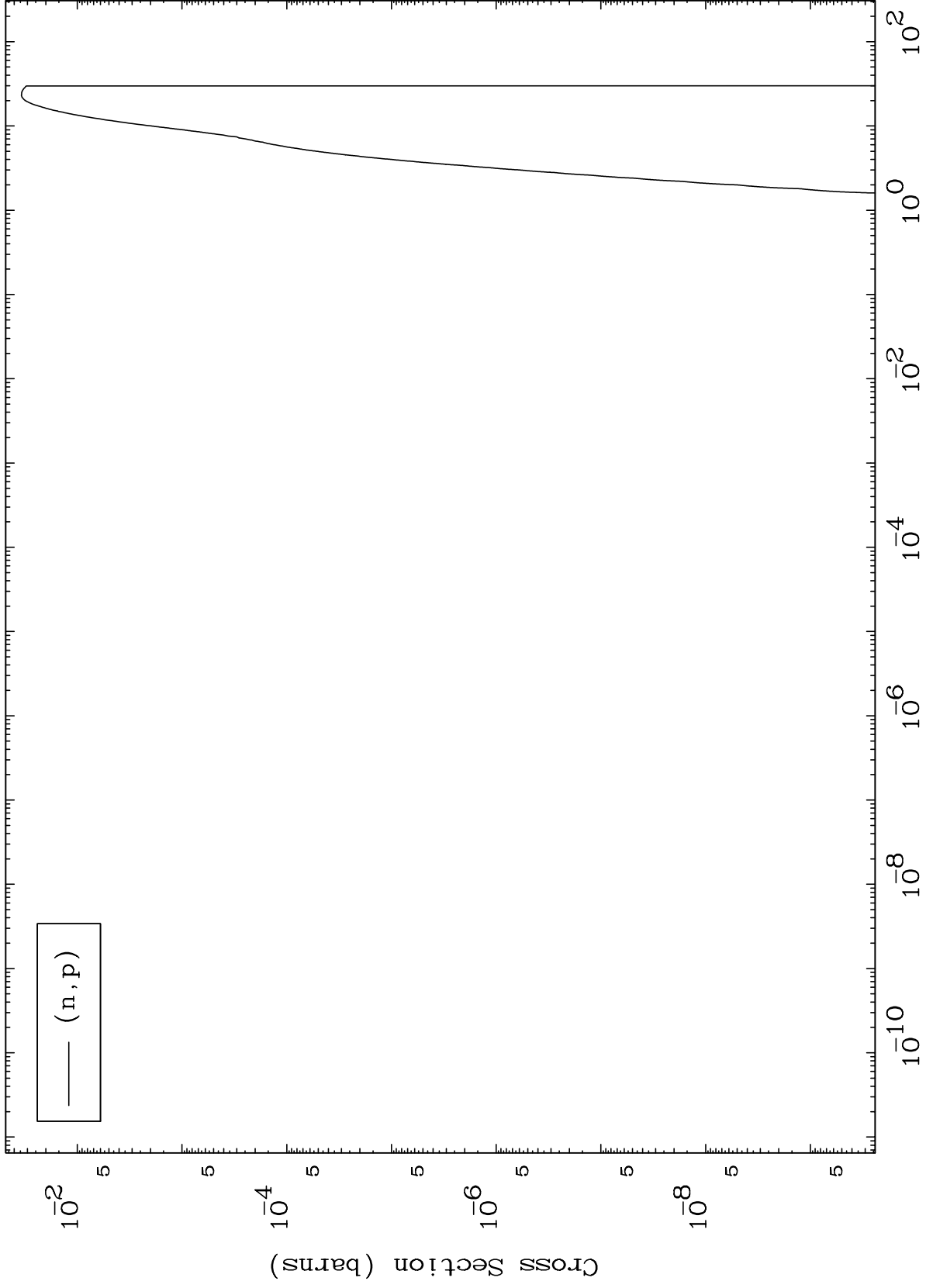
293 Kelvin Cross Sections



MAT 7419

(n,p) Levels
293 Kelvin Cross Sections

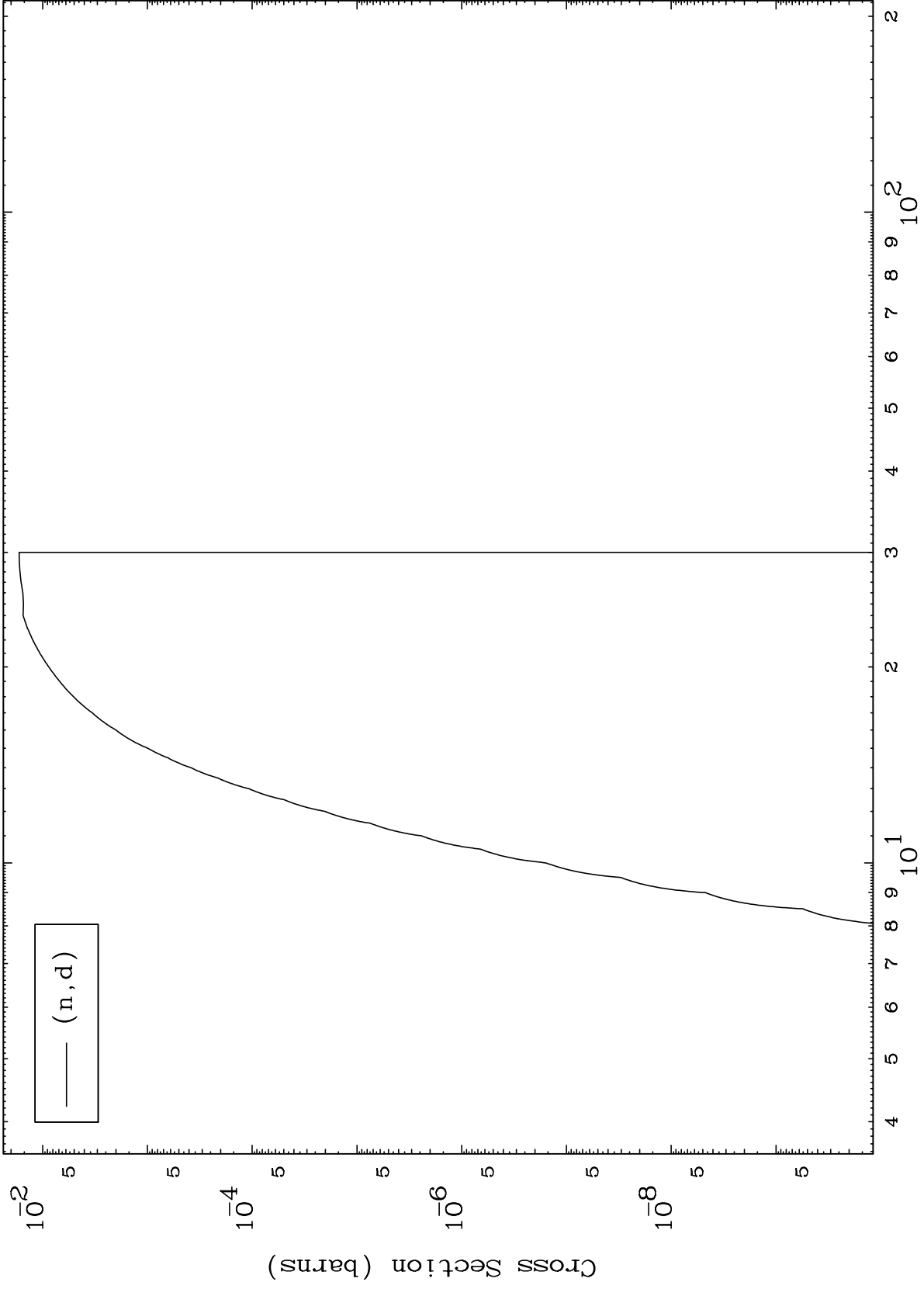
74-W -178



10

Incident Energy (MeV)

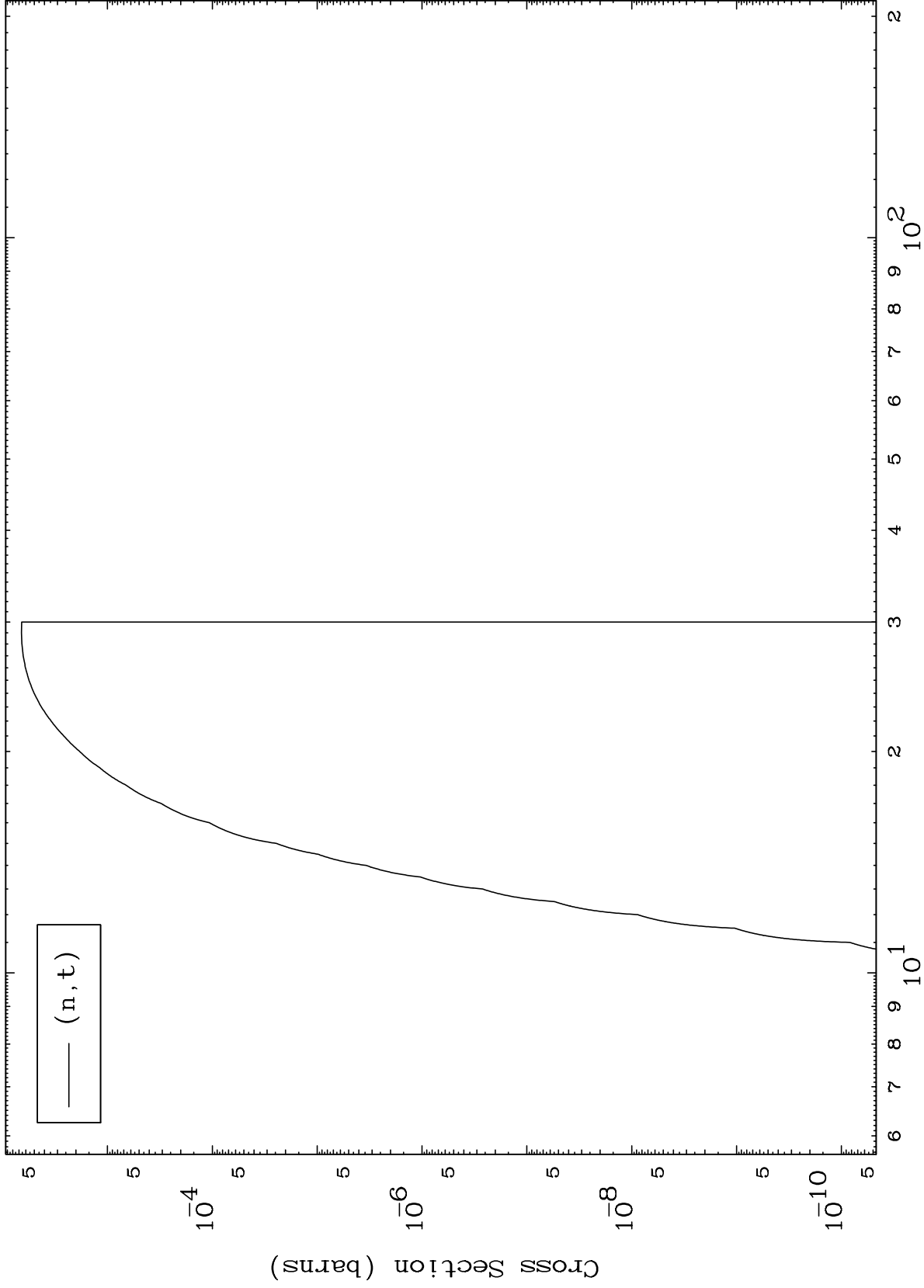
74-W -178



MAT 7419

(n,t) Levels
293 Kelvin Cross Sections

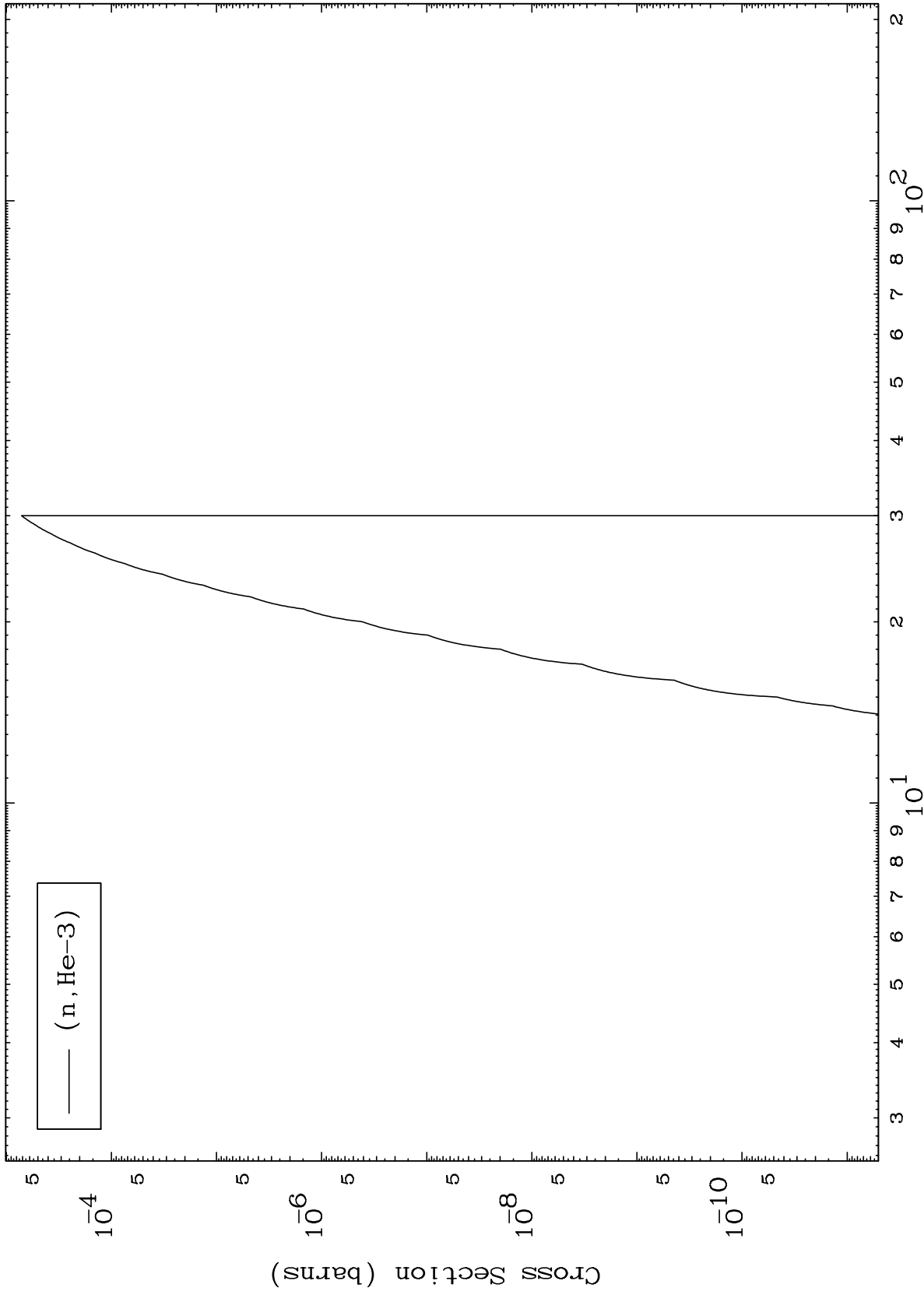
74-W -178



12

Incident Energy (MeV)

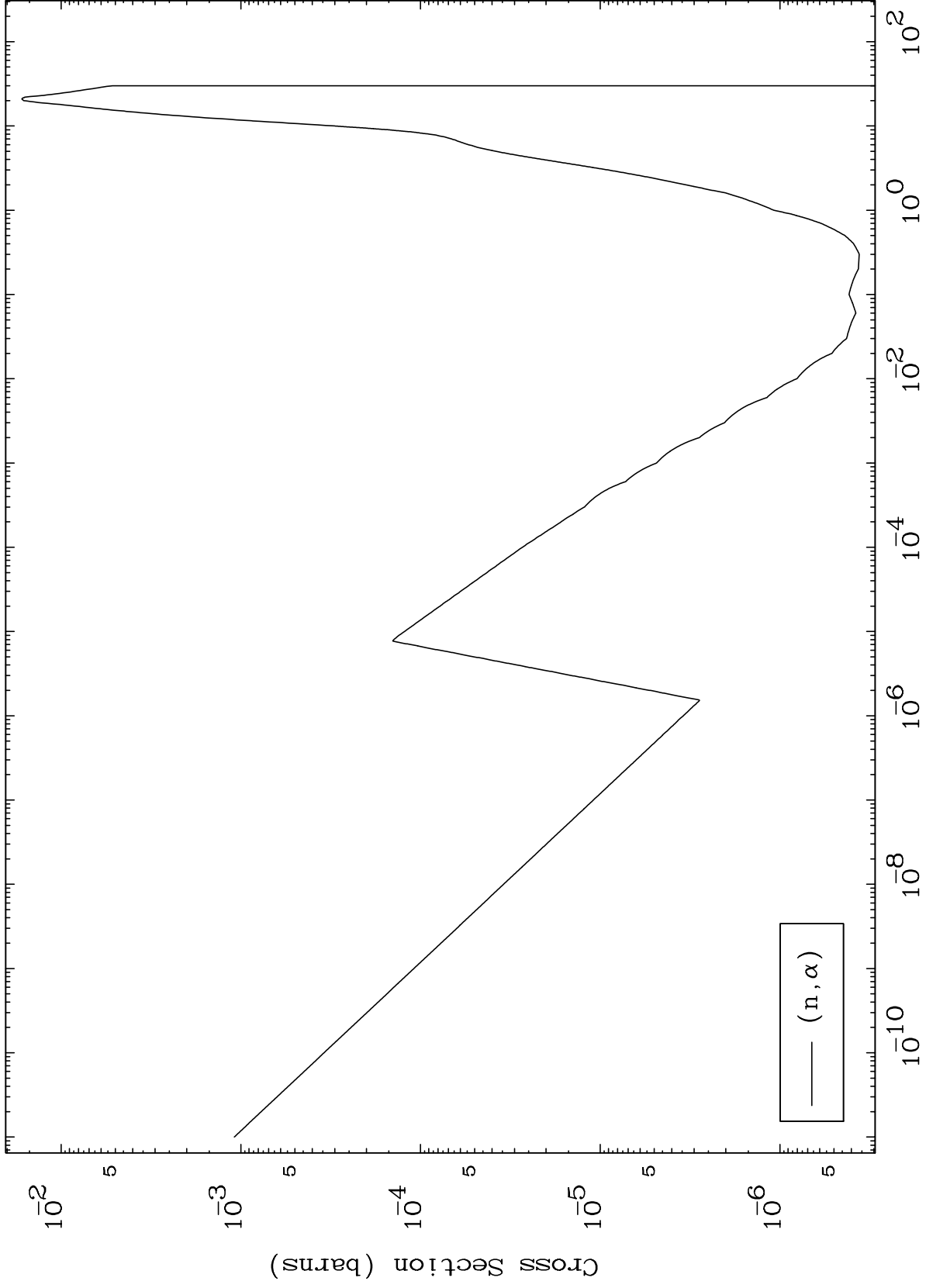
74-W -178



MAT 7419

(n, α) Levels
293 Kelvin Cross Sections

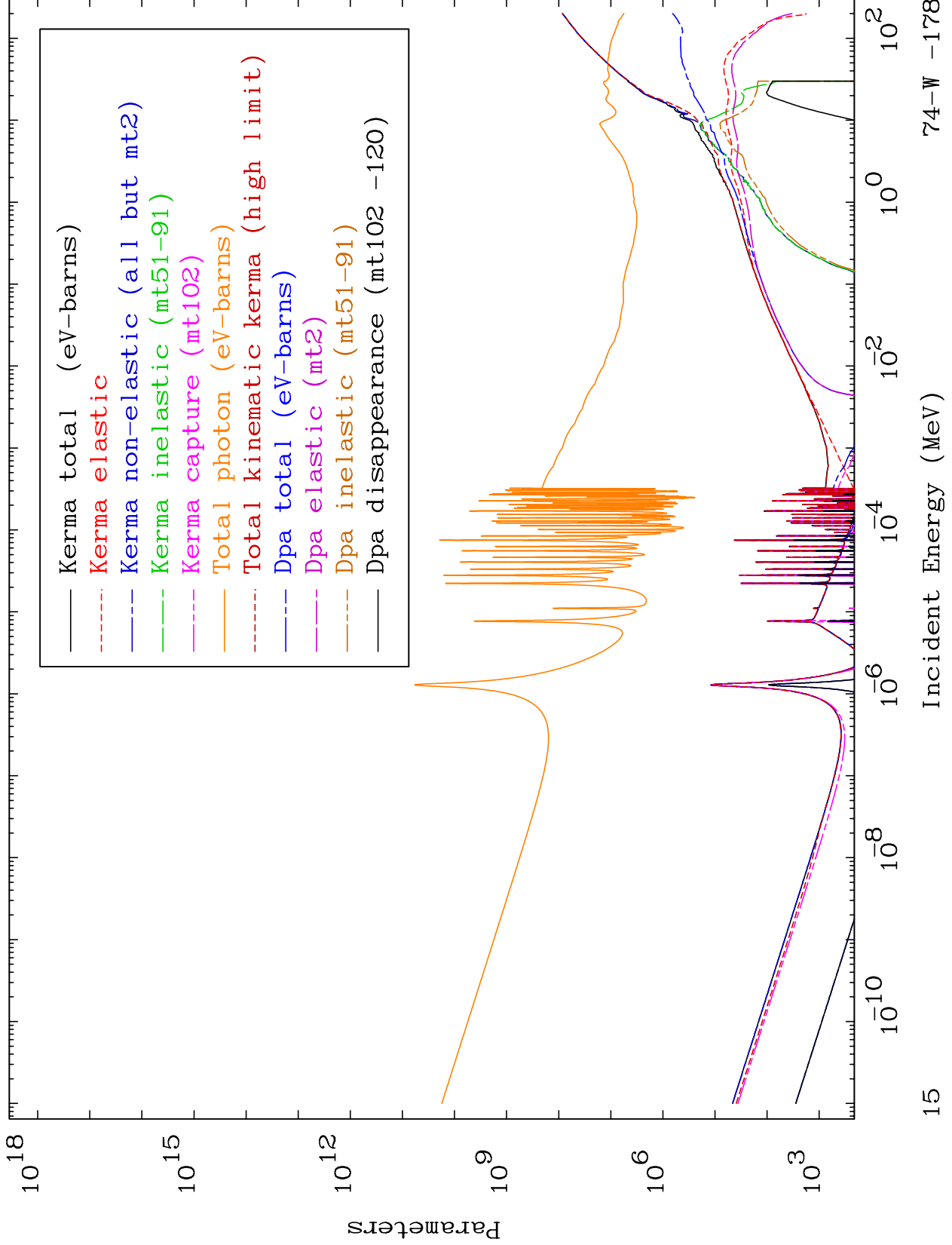
74-W -178



14

Incident Energy (MeV)

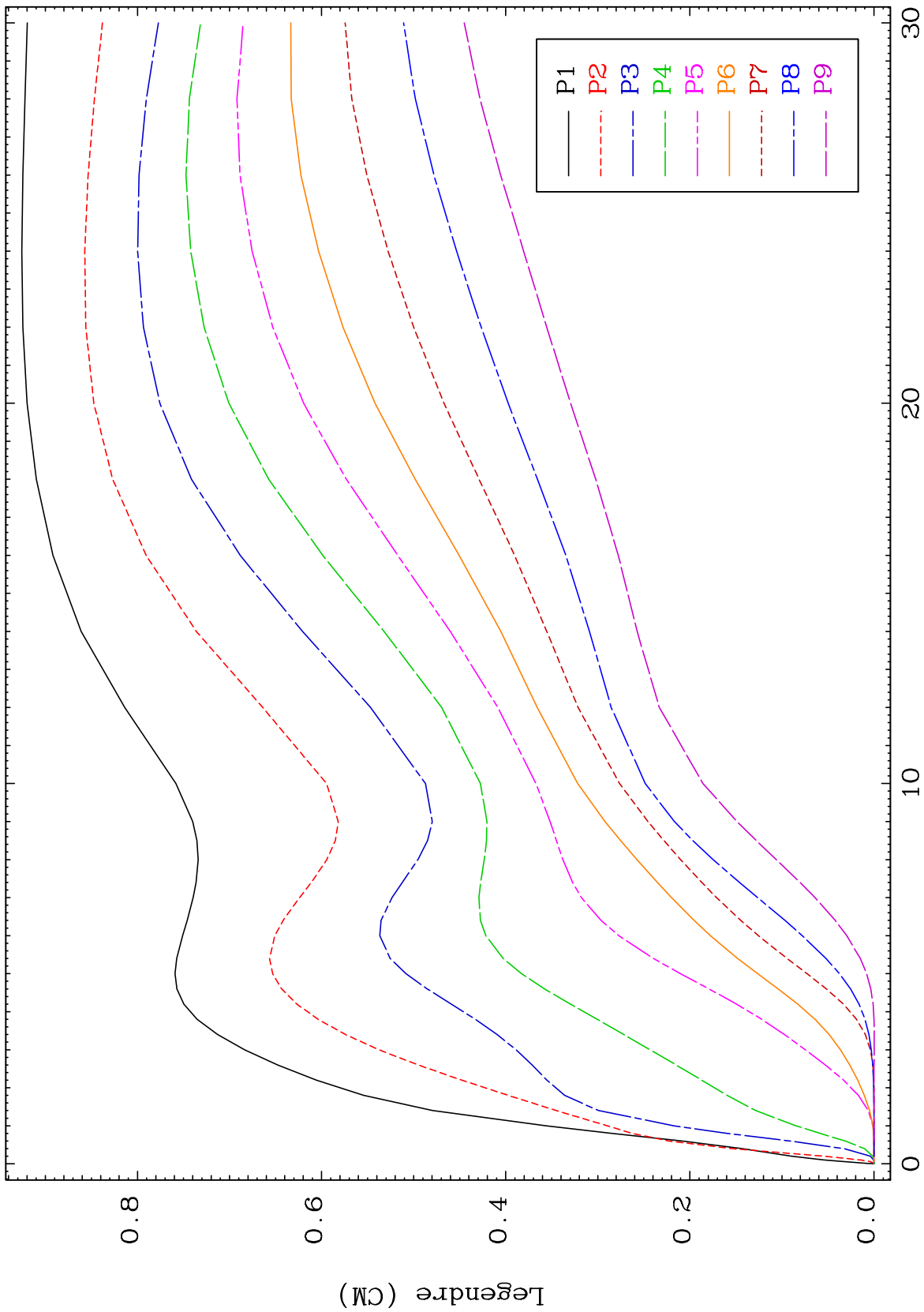
74-W -178



MAT 7419

74-W -178

Elastic Legendre Coefficients



16

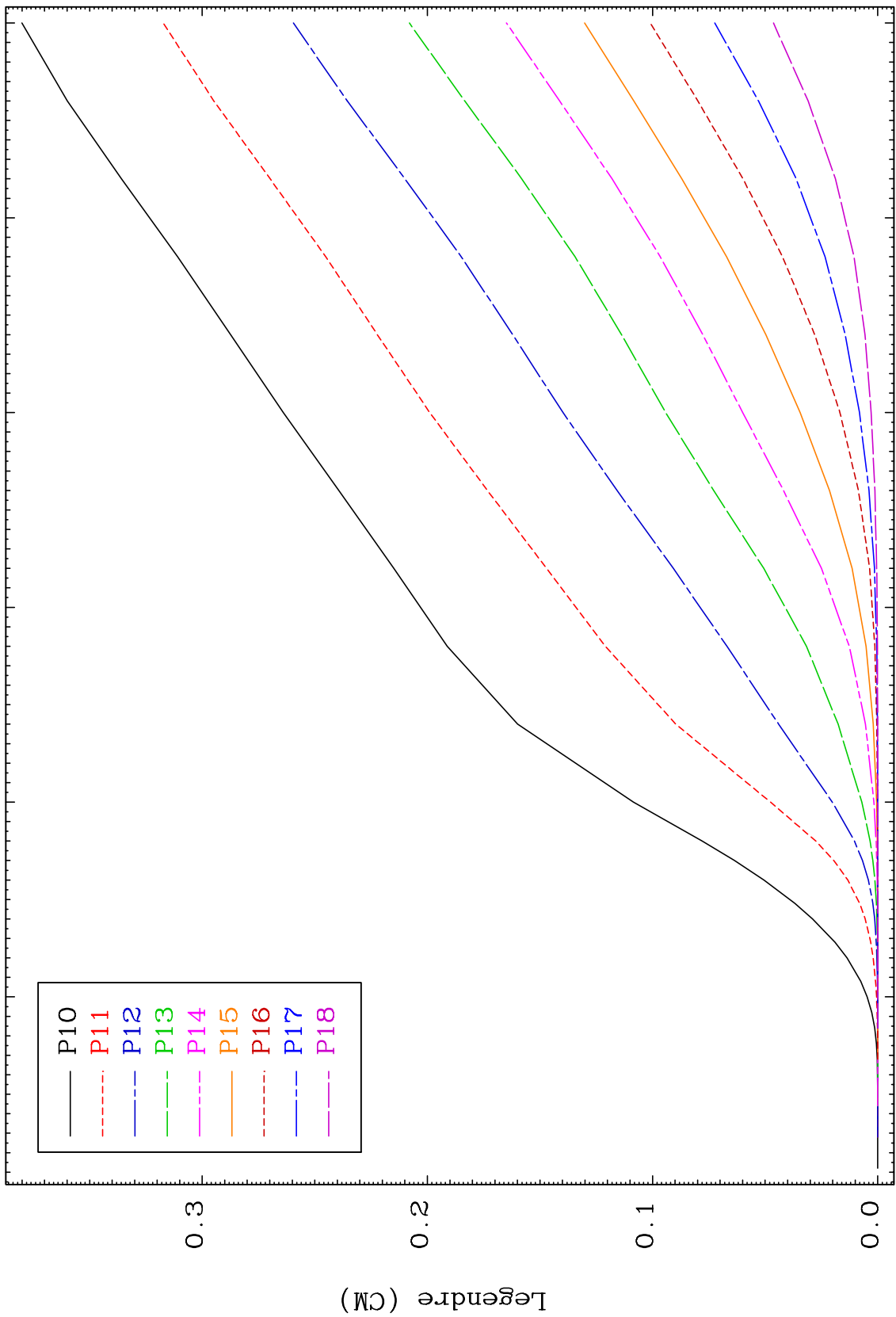
Incident Energy (MeV)

74-W -178

MAT 7419

Elastic Legendre Coefficients

74-W -178



17

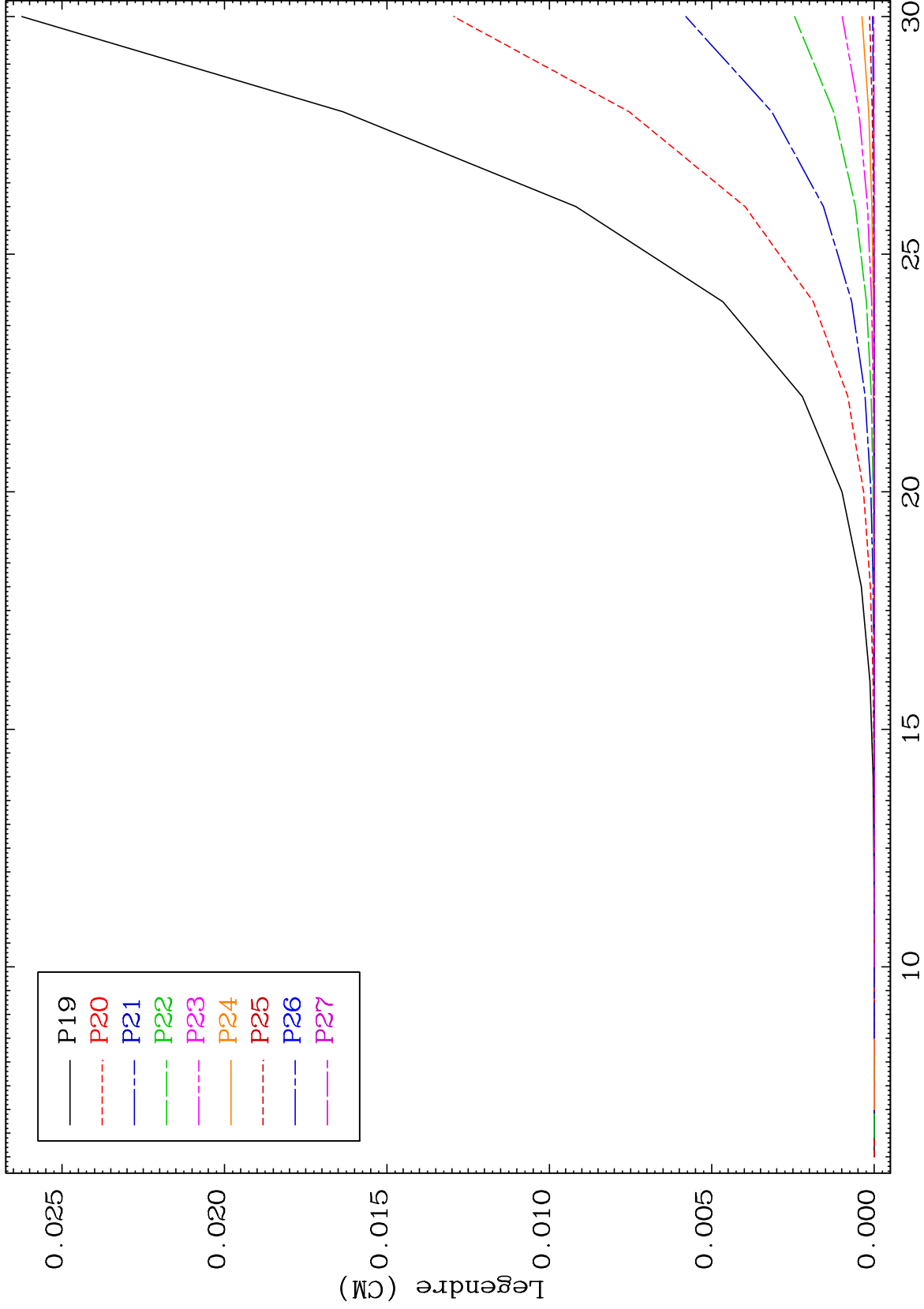
Incident Energy (MeV)

74-W -178

MAT 7419

Elastic Legendre Coefficients

74-W -178



18

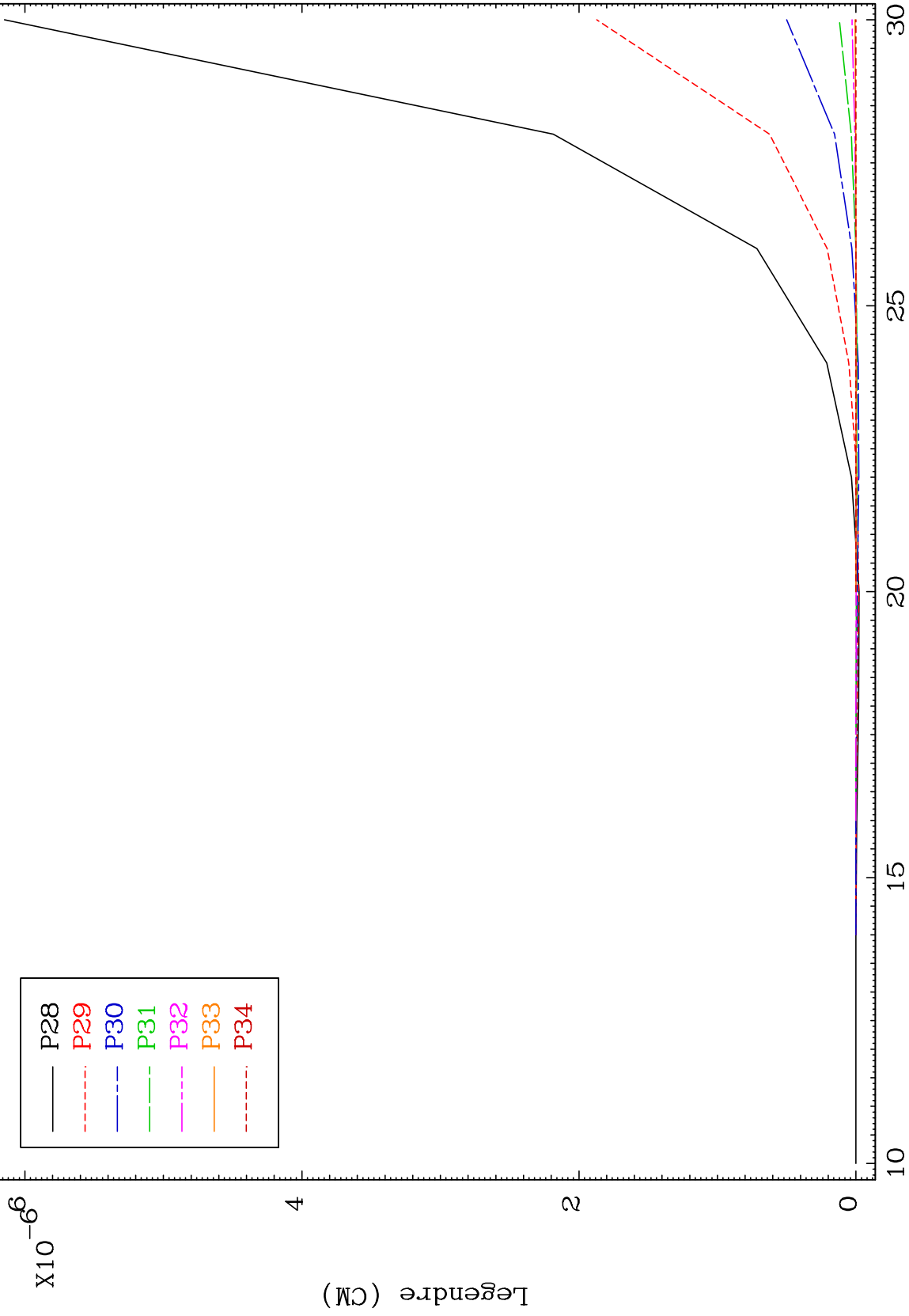
Incident Energy (MeV)

74-W -178

MAT 7419

Elastic Legendre Coefficients

74-W -178



19

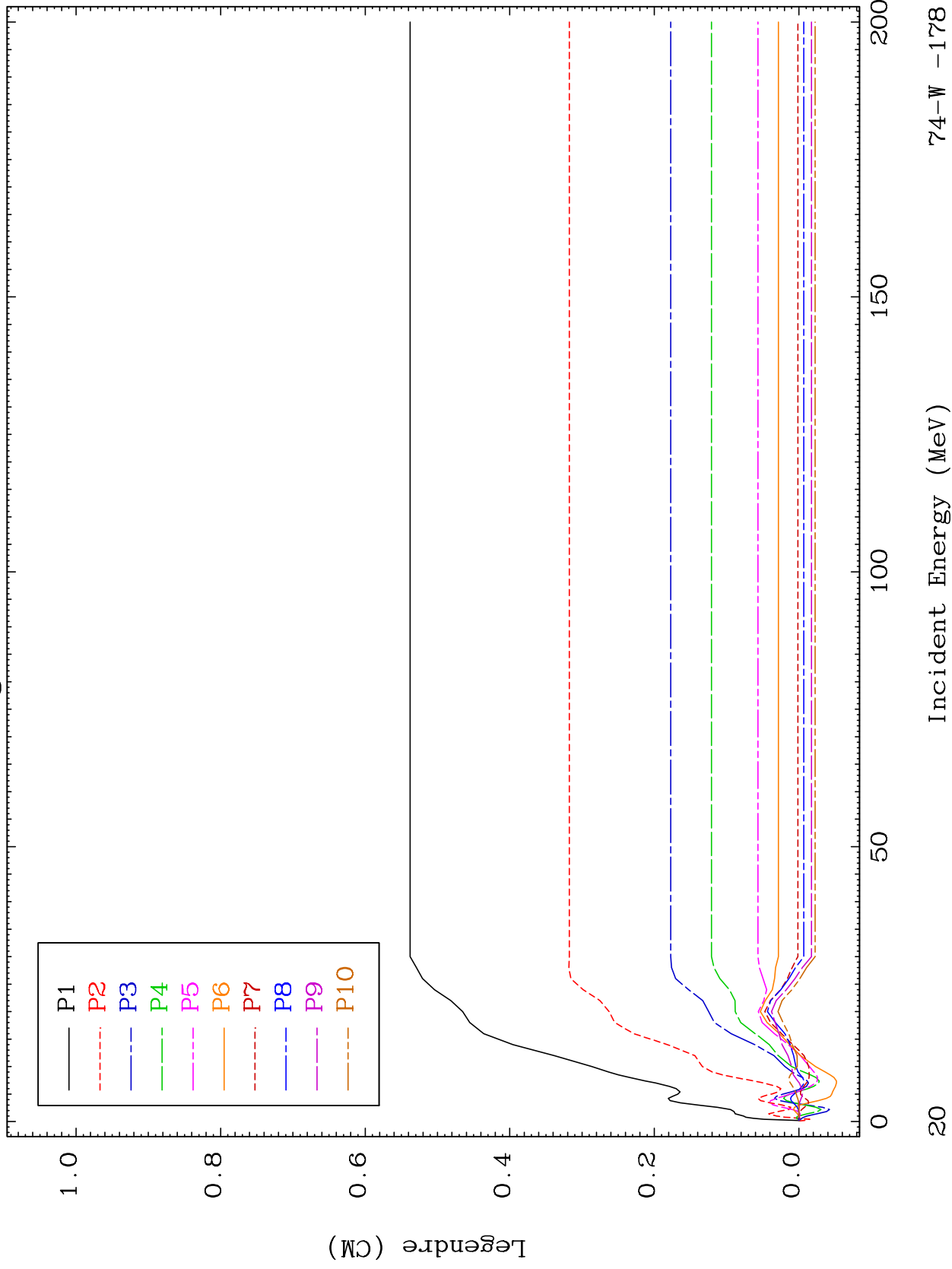
Incident Energy (MeV)

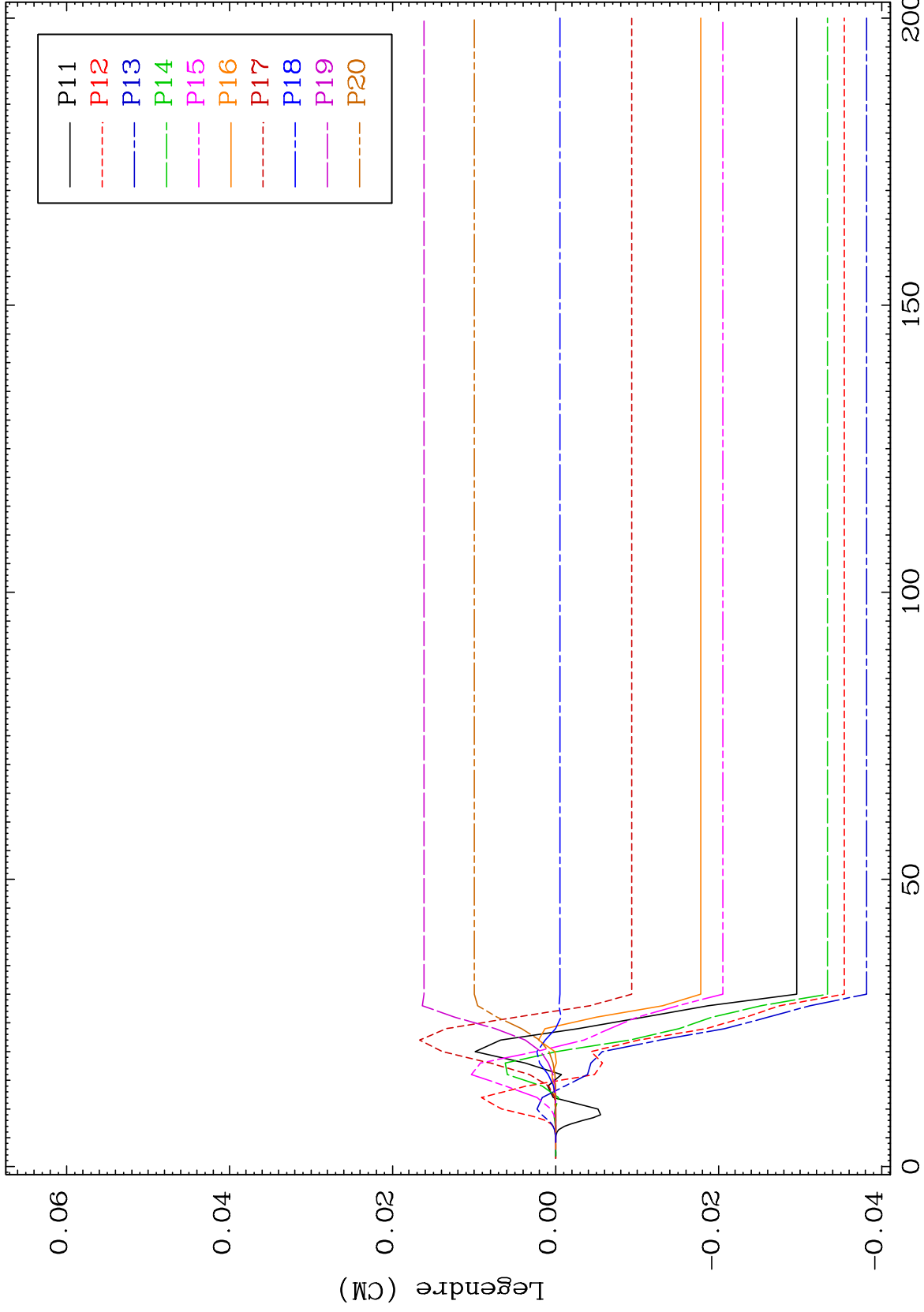
74-W -178

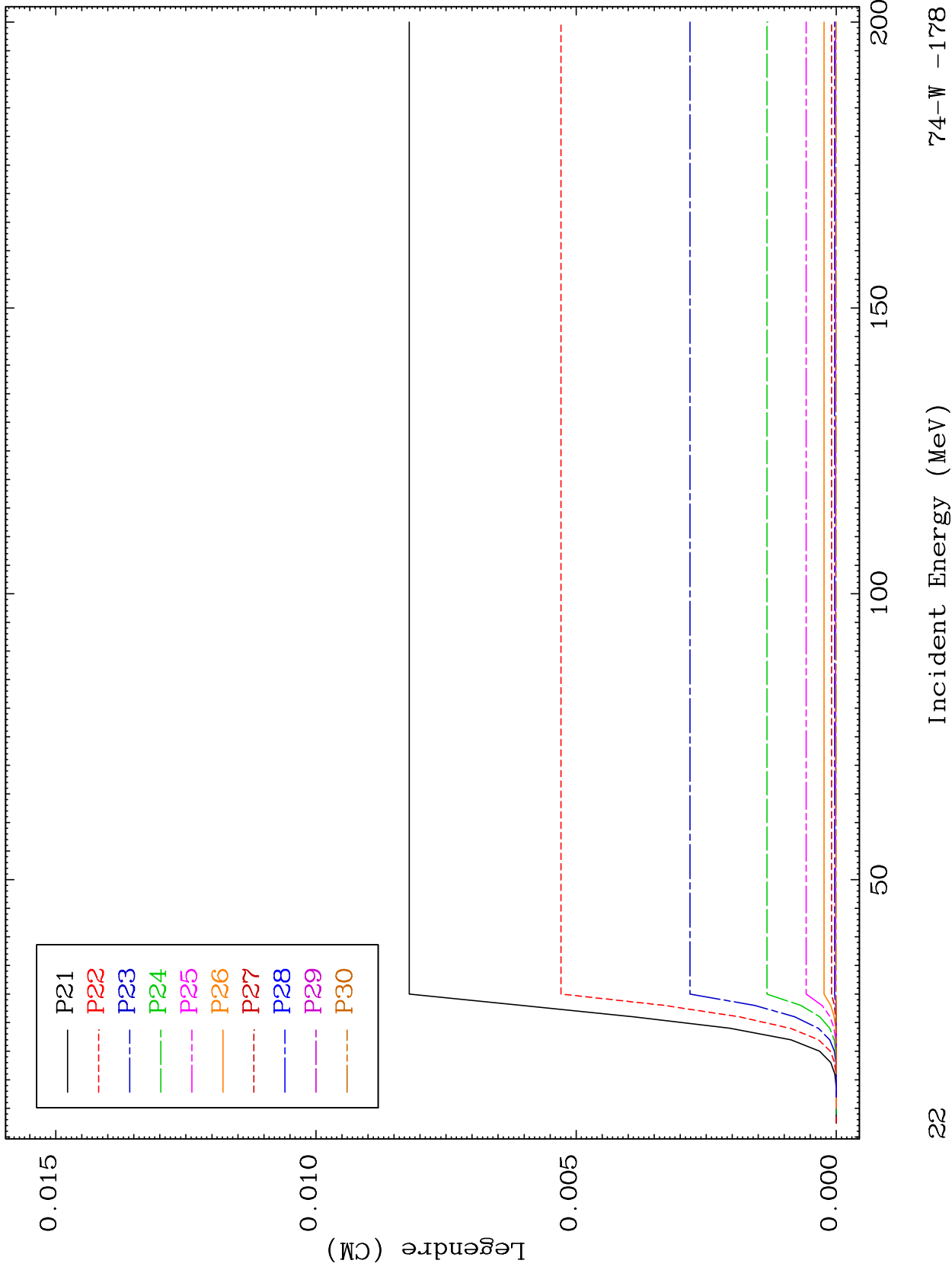
MAT 7419

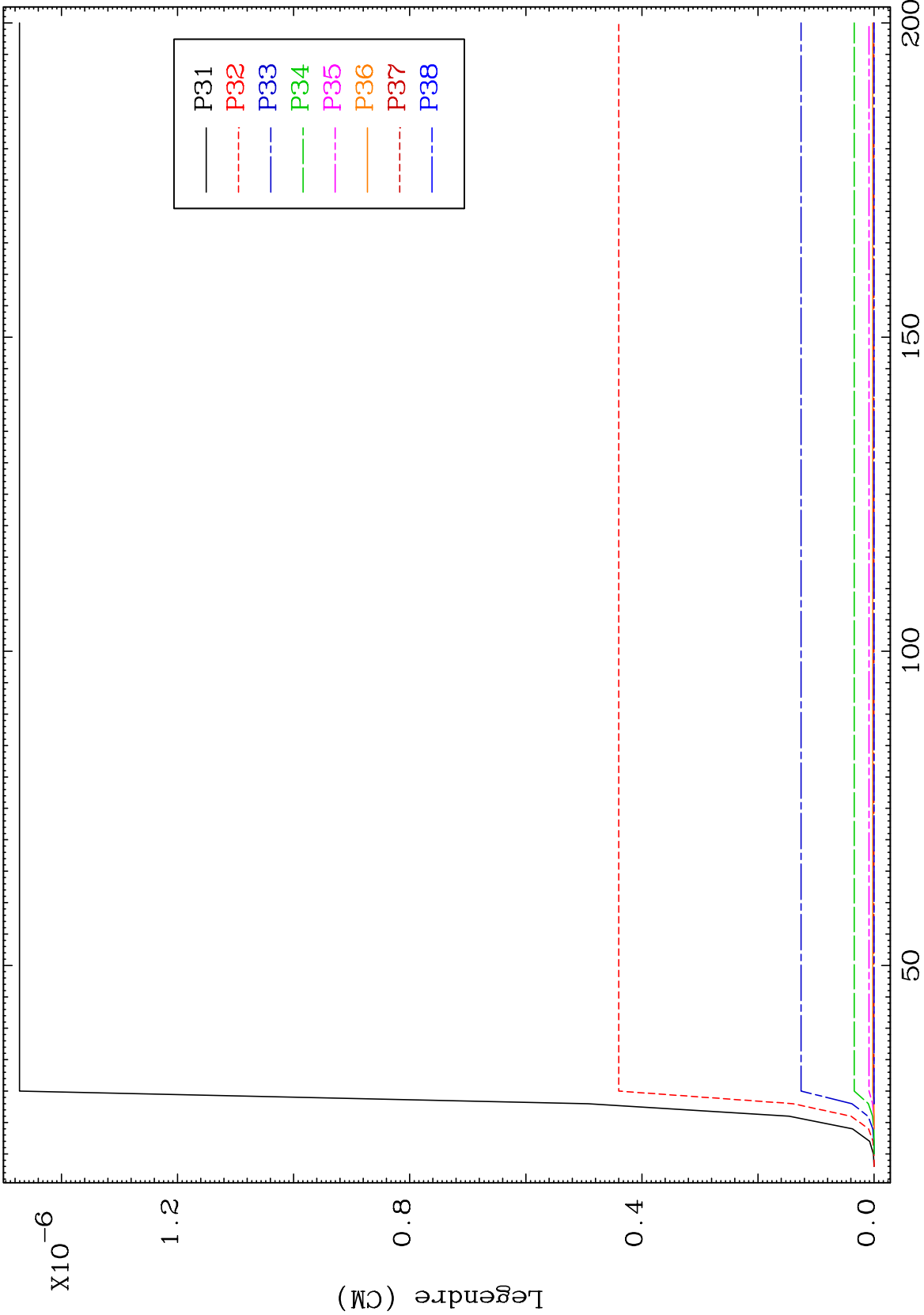
MT= 51 (n,n') Level
Legendre Coefficients

74-W -178





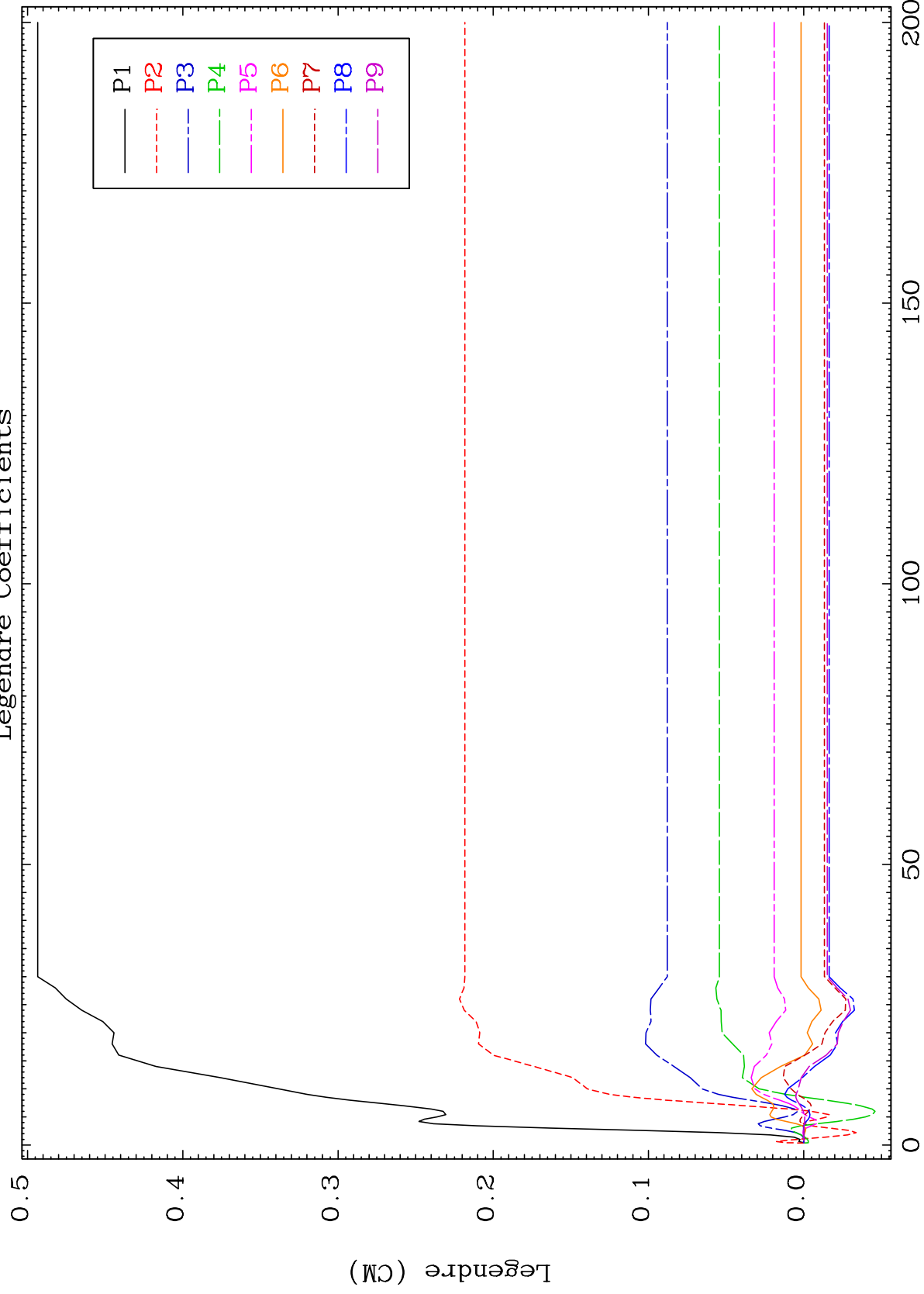




MAT 7419

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

74-W -178



24

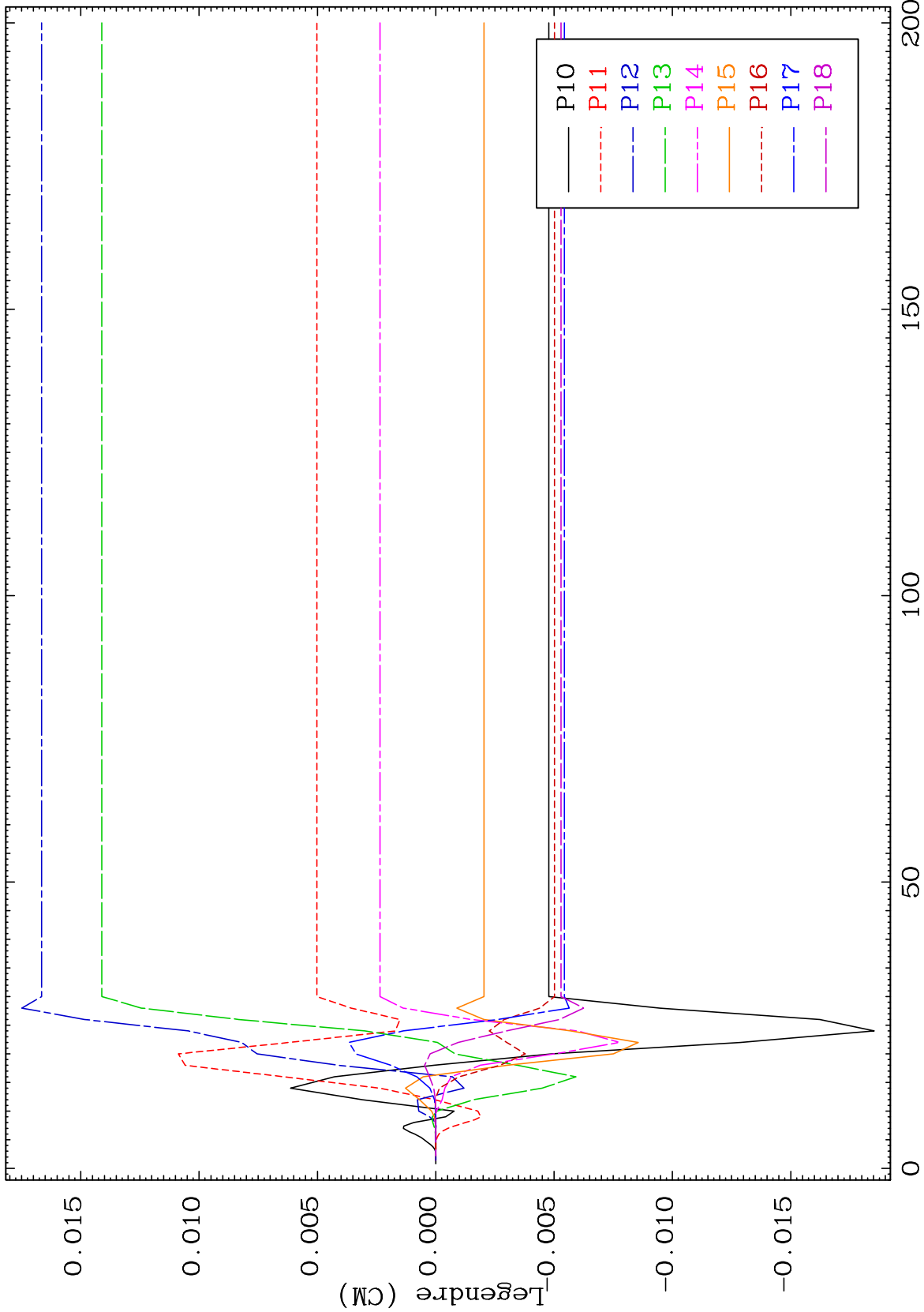
Incident Energy (MeV)

74-W -178

MAT 7419

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

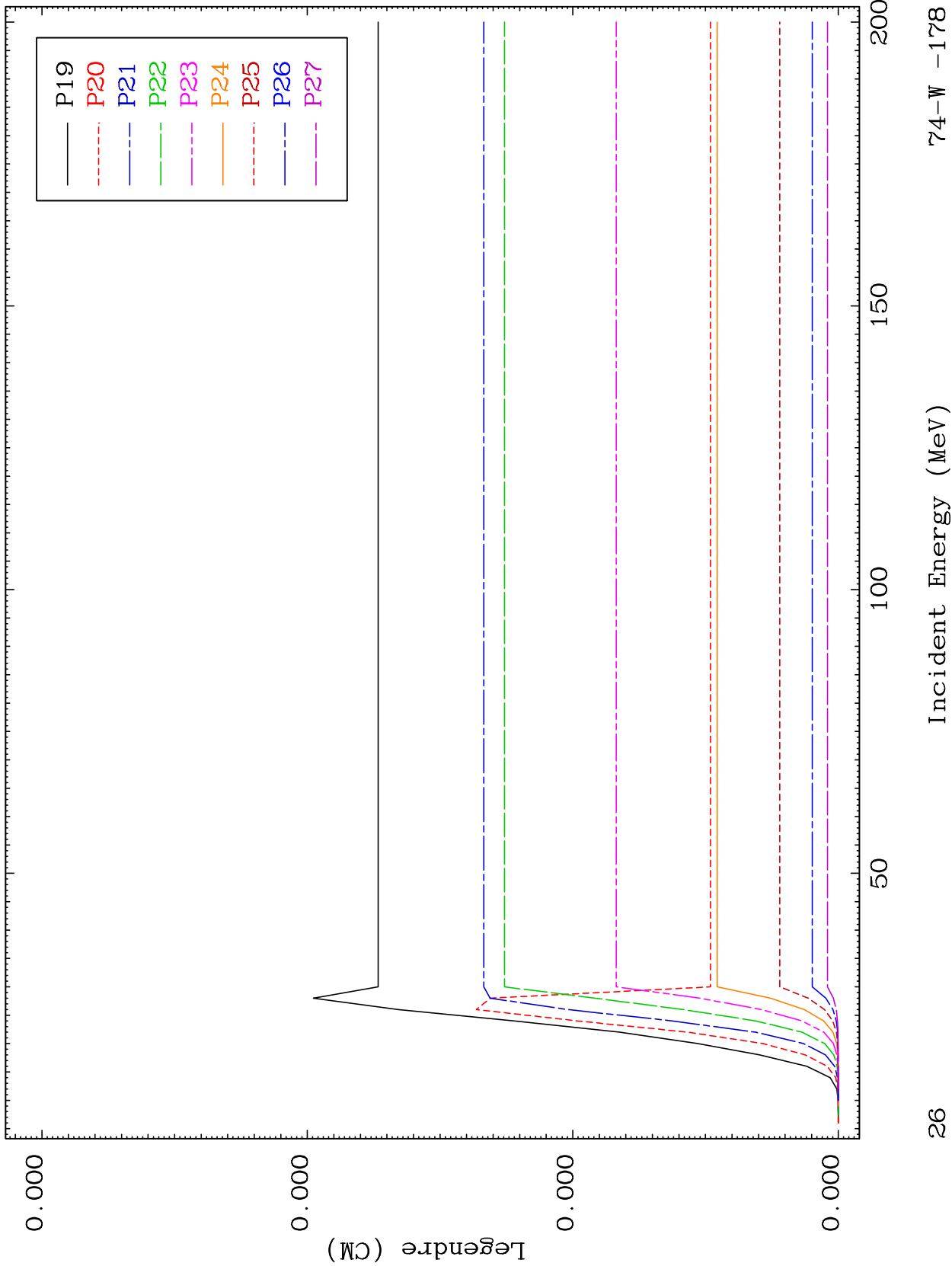
74-W -178

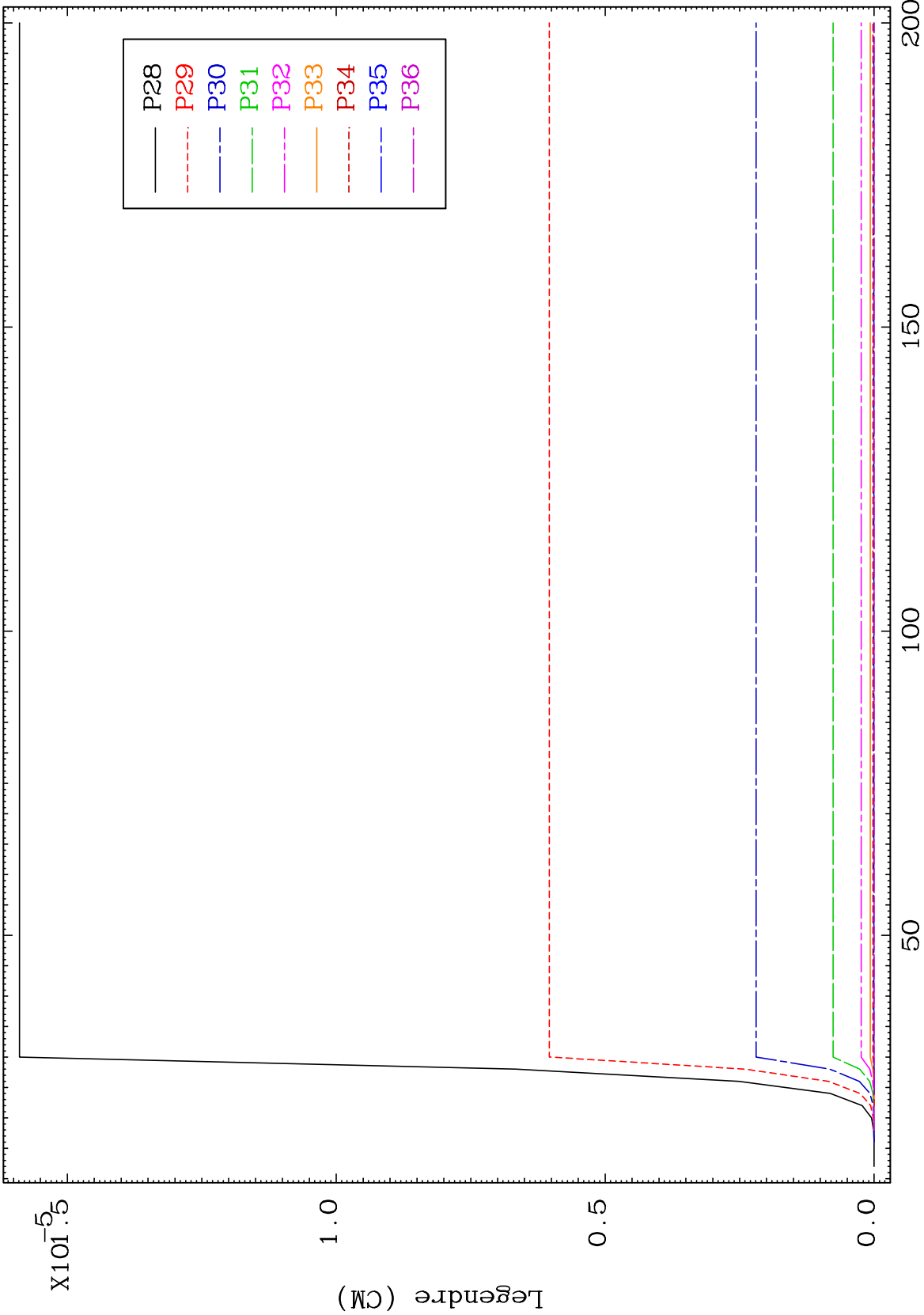


25

Incident Energy (MeV)

74-W -178

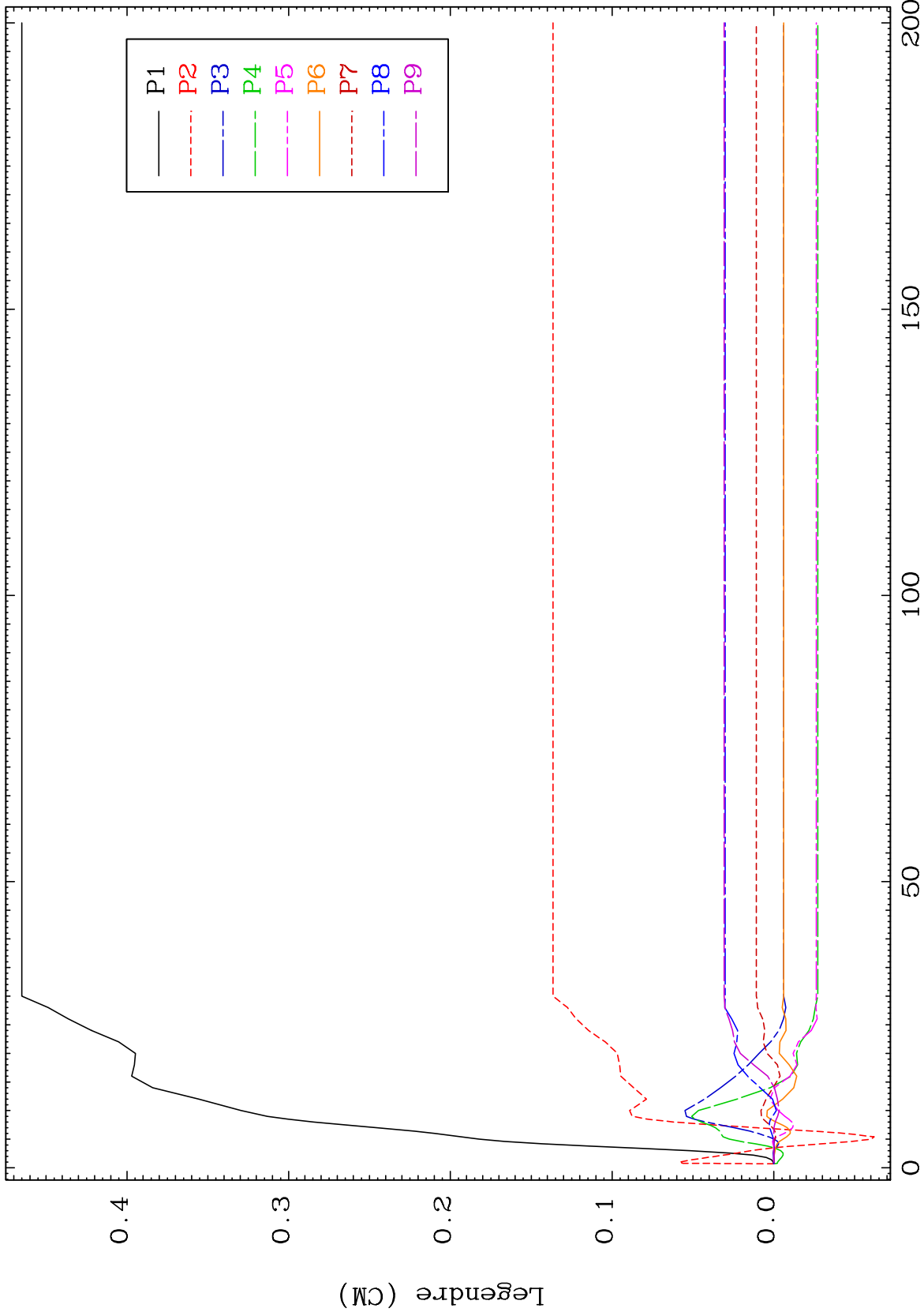




MAT 7419

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

74-W -178



28

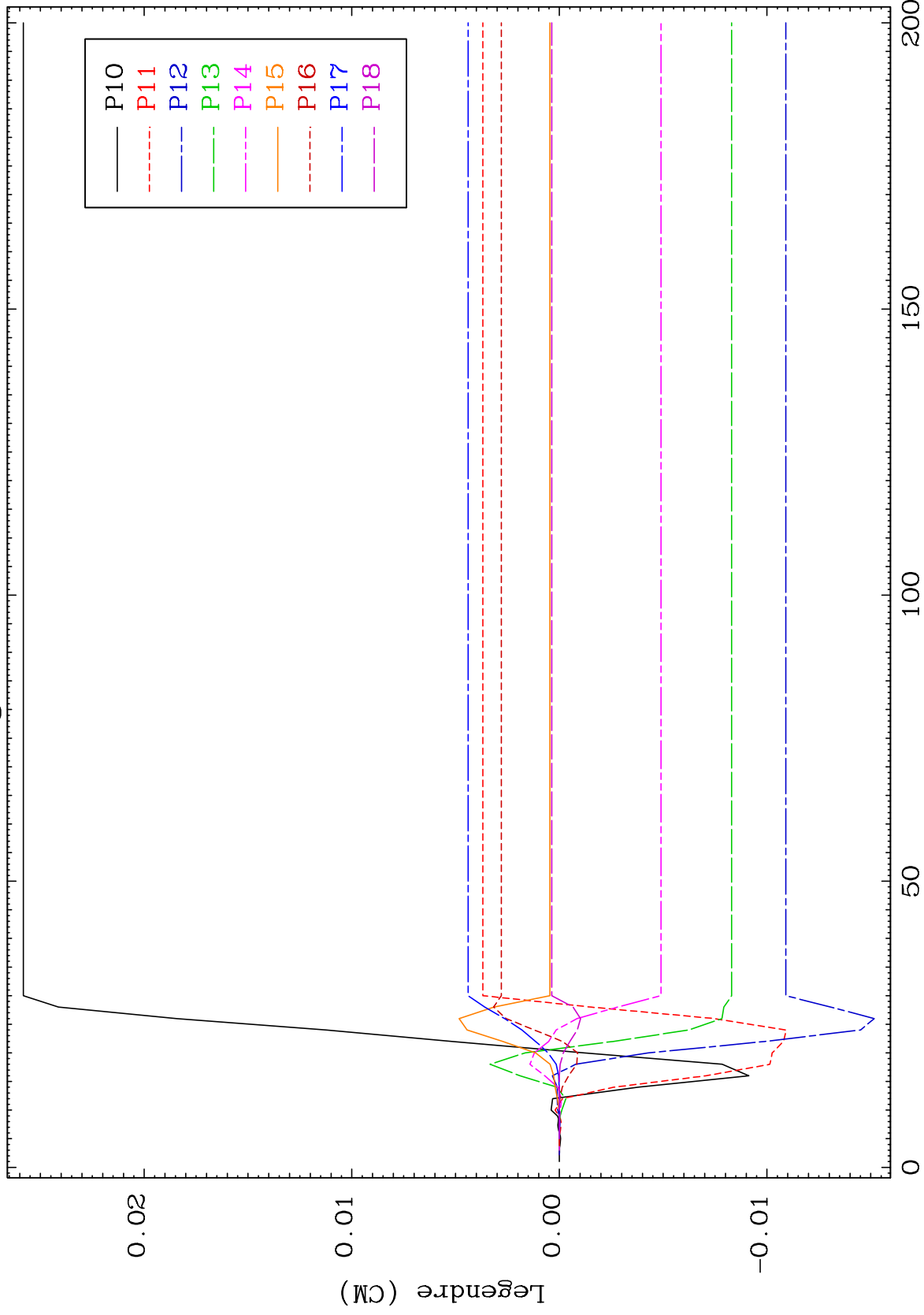
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



29

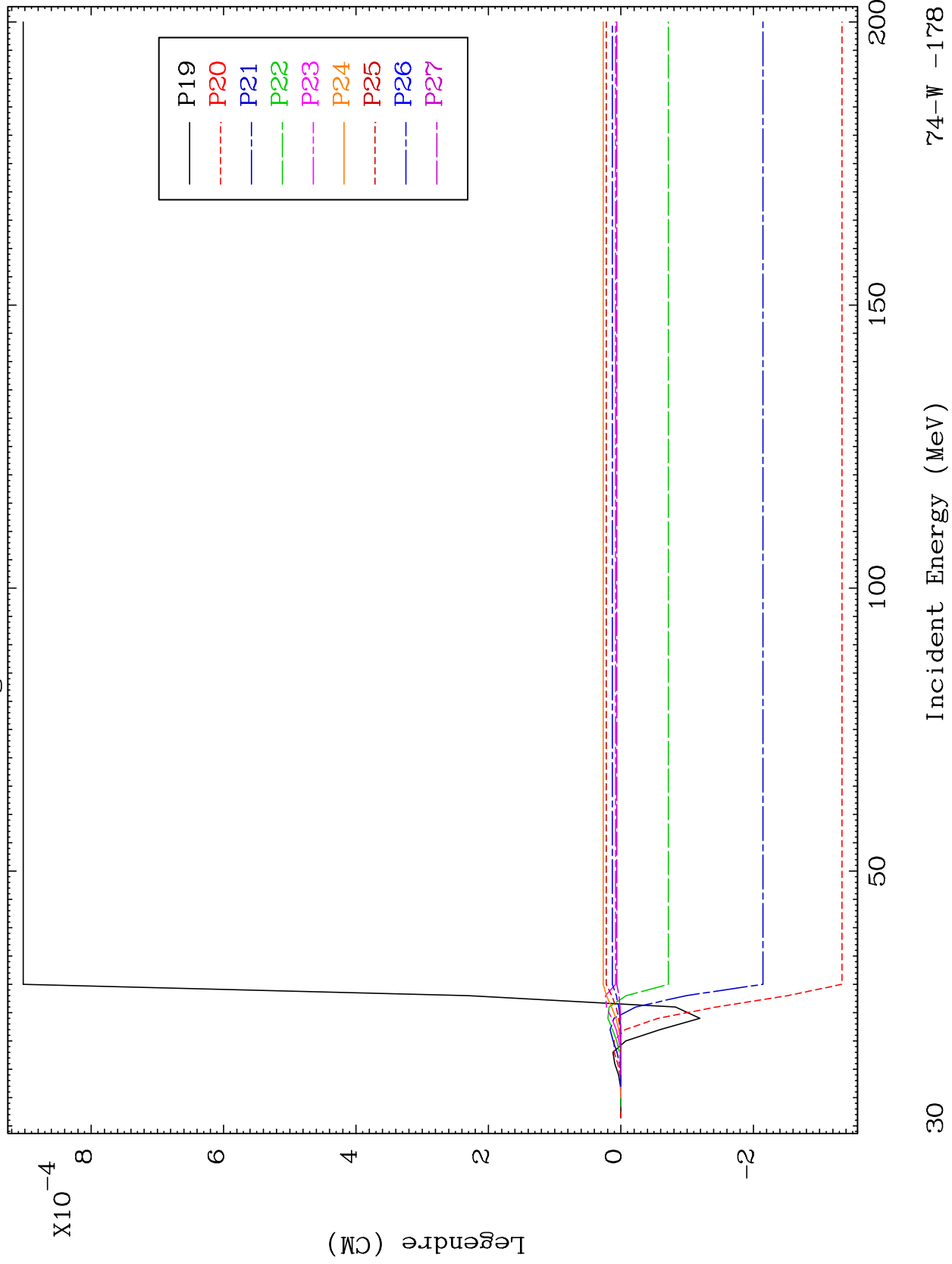
Incident Energy (MeV)

74-W -178

MAT 7419

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

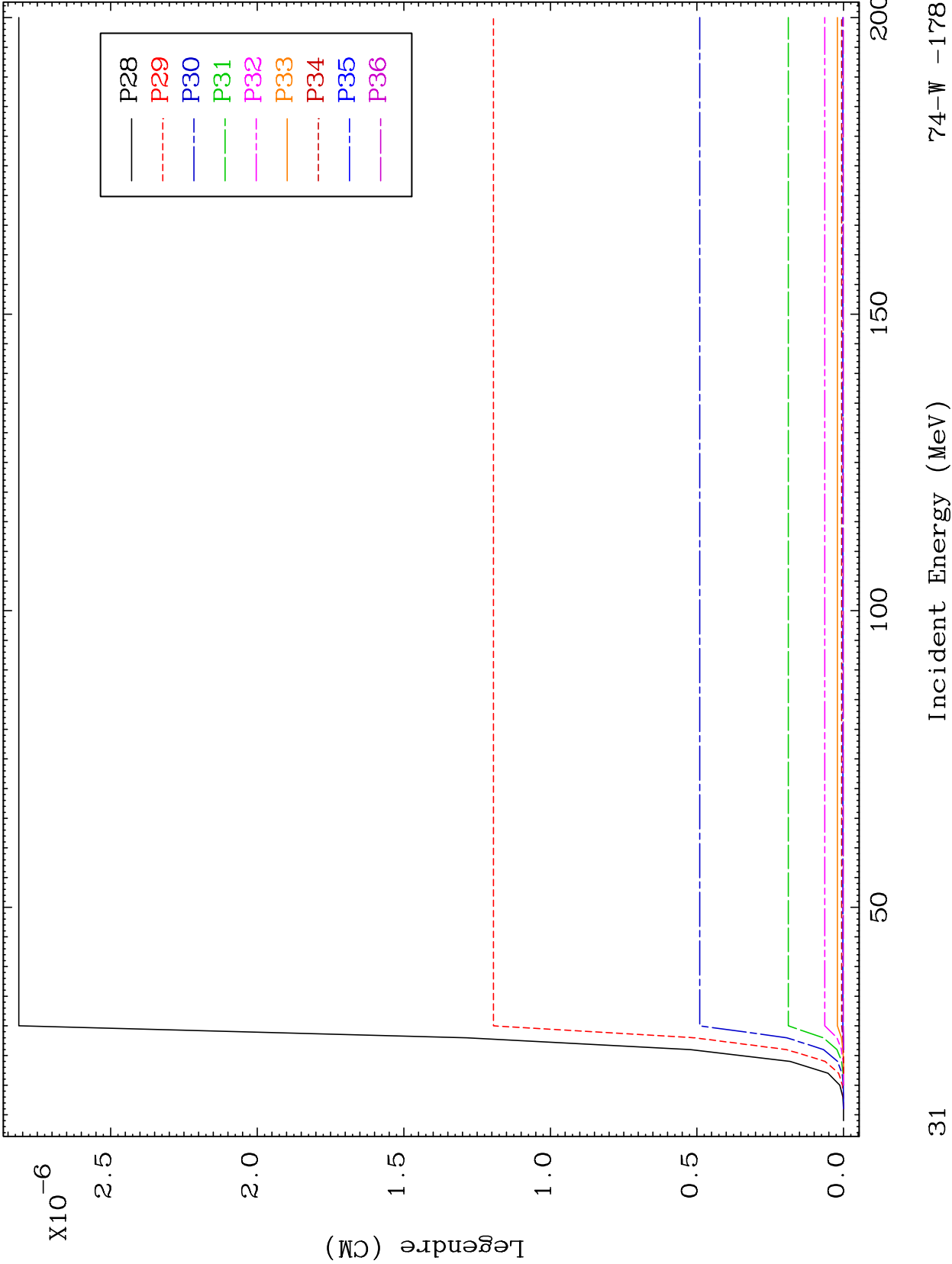
74-W -178



30

Incident Energy (MeV)

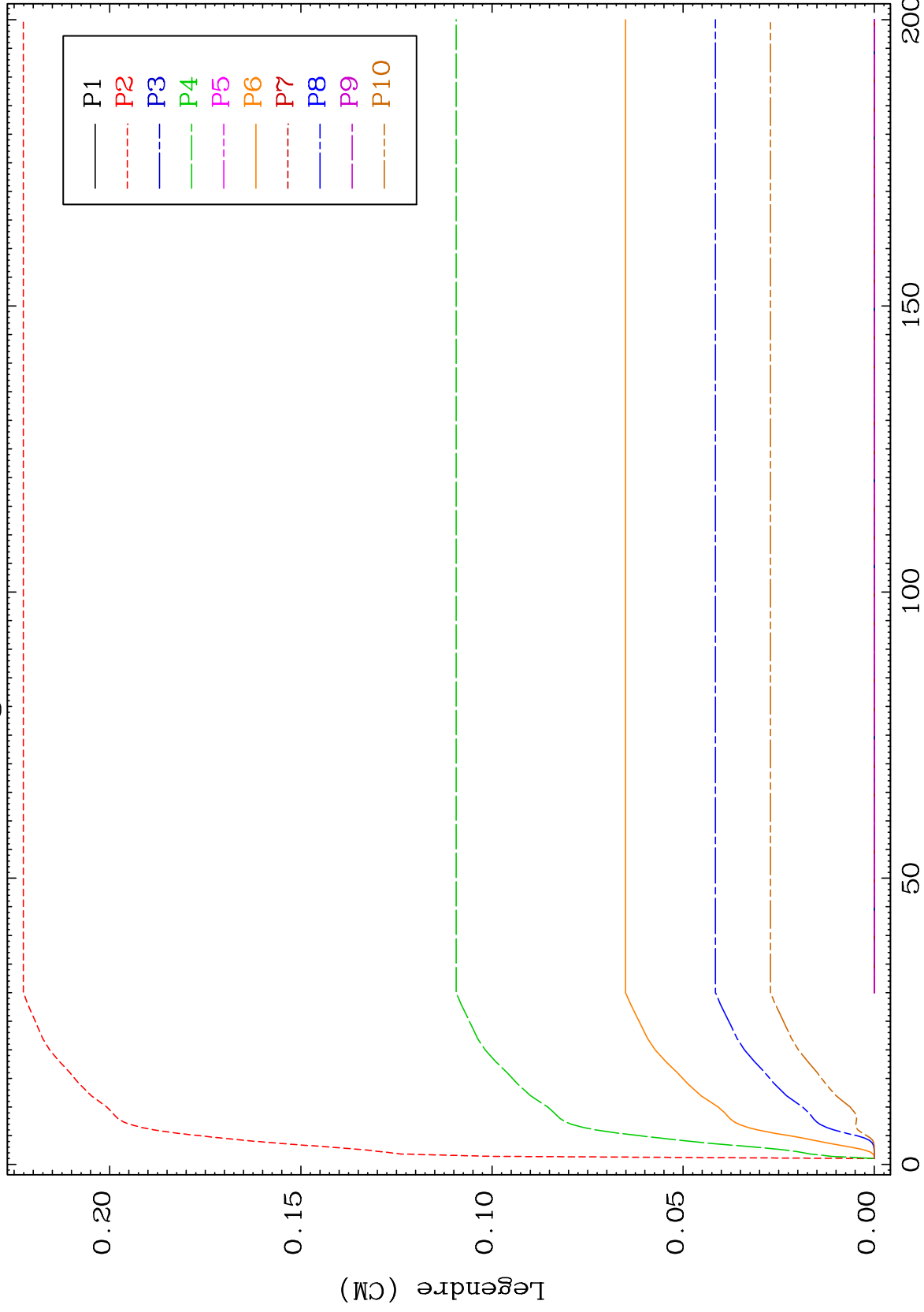
74-W -178



MAT 7419

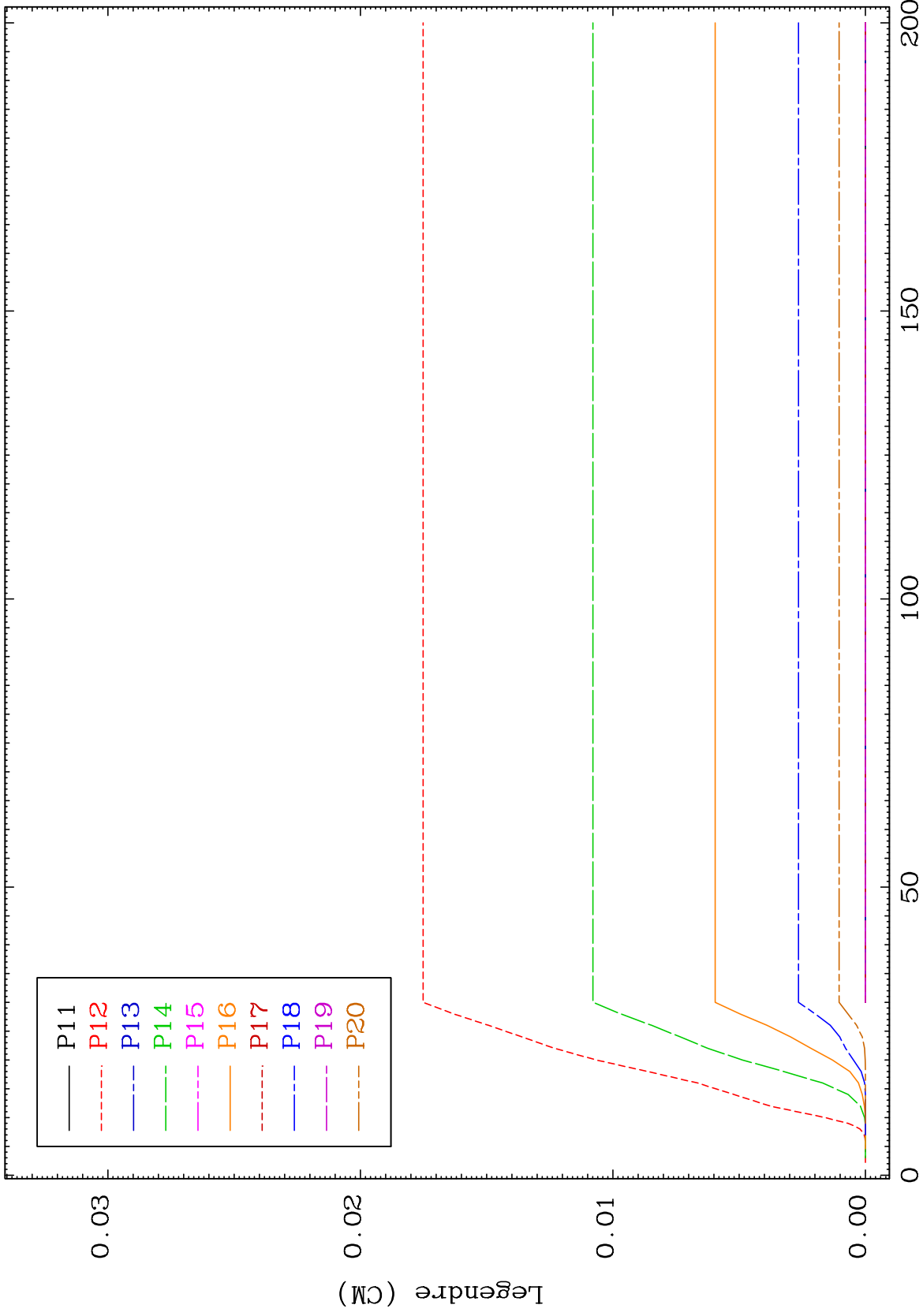
MT= 54 (n,n') Level
Legendre Coefficients

74-W -178



32

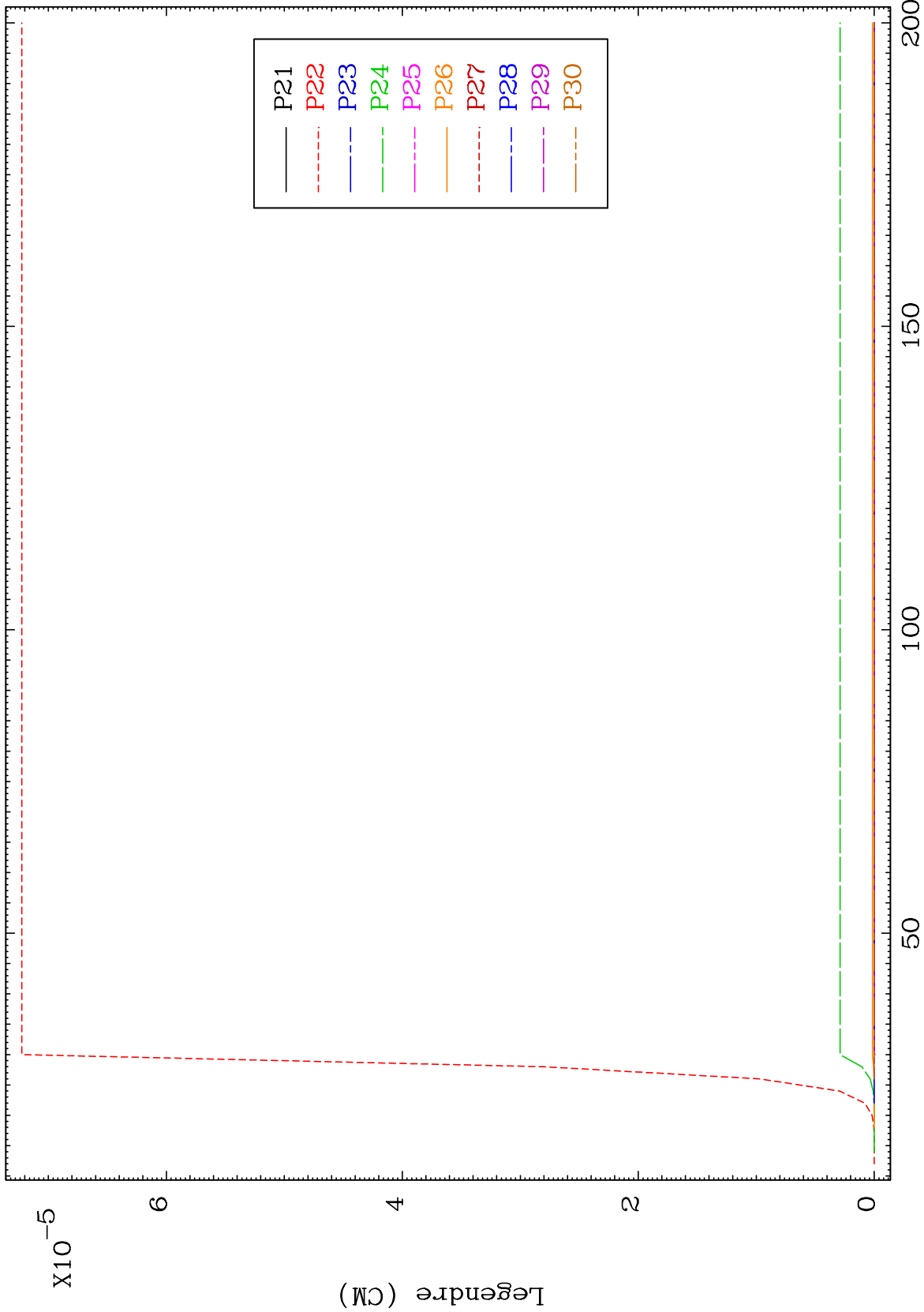
74-W -178



MAT 7419

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

74-W -178



34

Incident Energy (MeV)

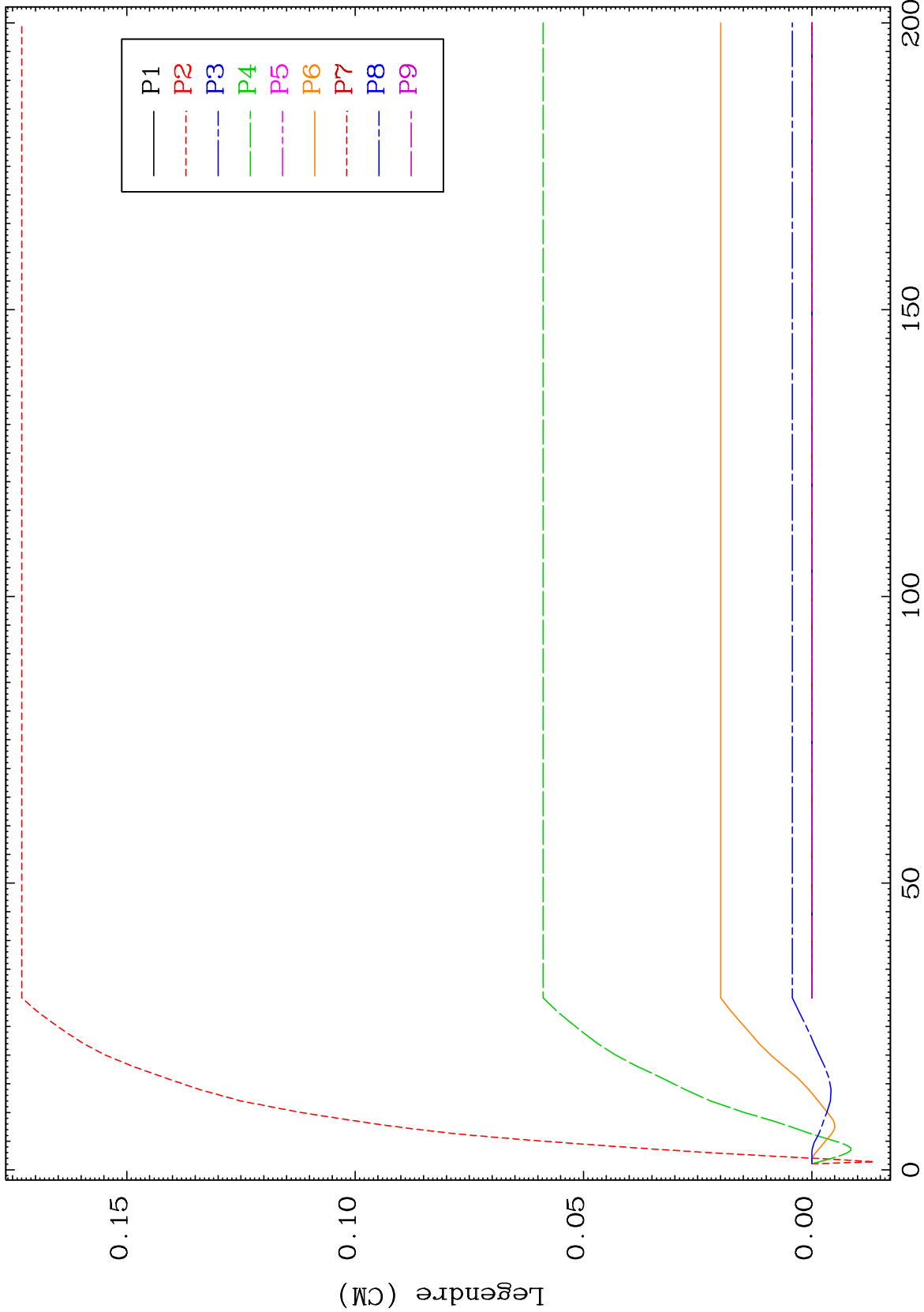
74-W -178

MAT 7419

MT= 55 (n,n') Level

74-W -178

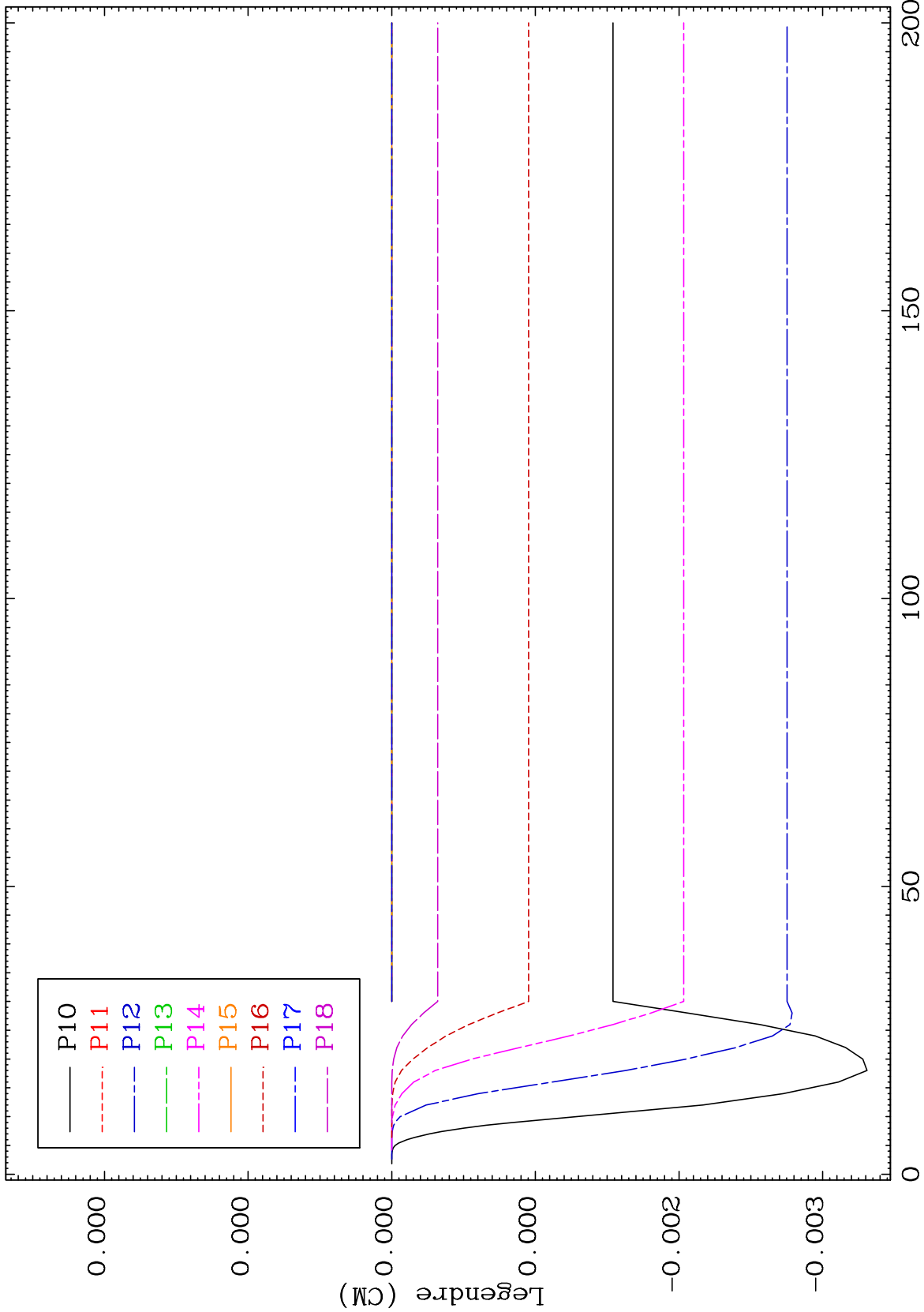
Legendre Coefficients



35

Incident Energy (MeV)

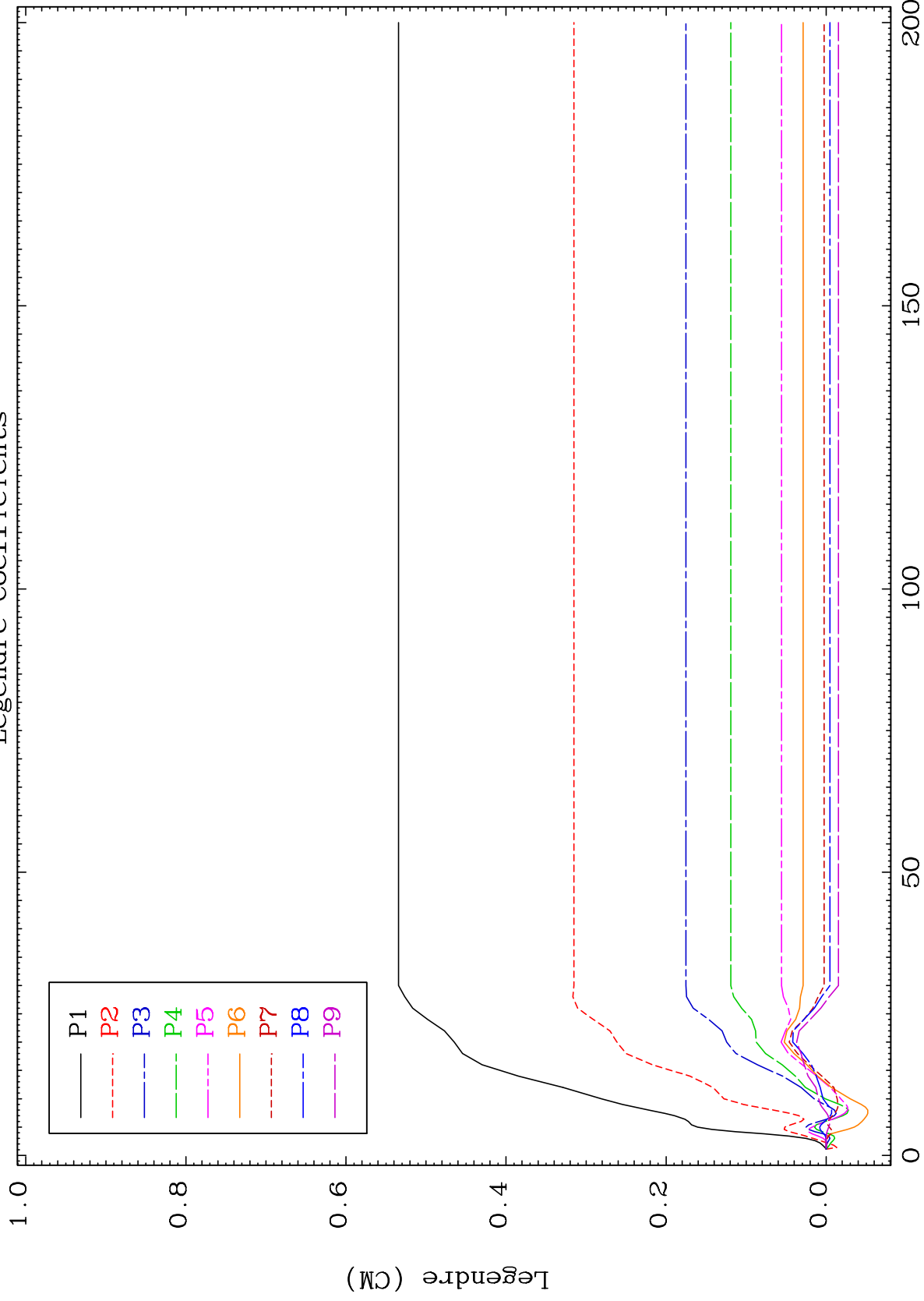
74-W -178



MAT 7419

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

74-W -178



38

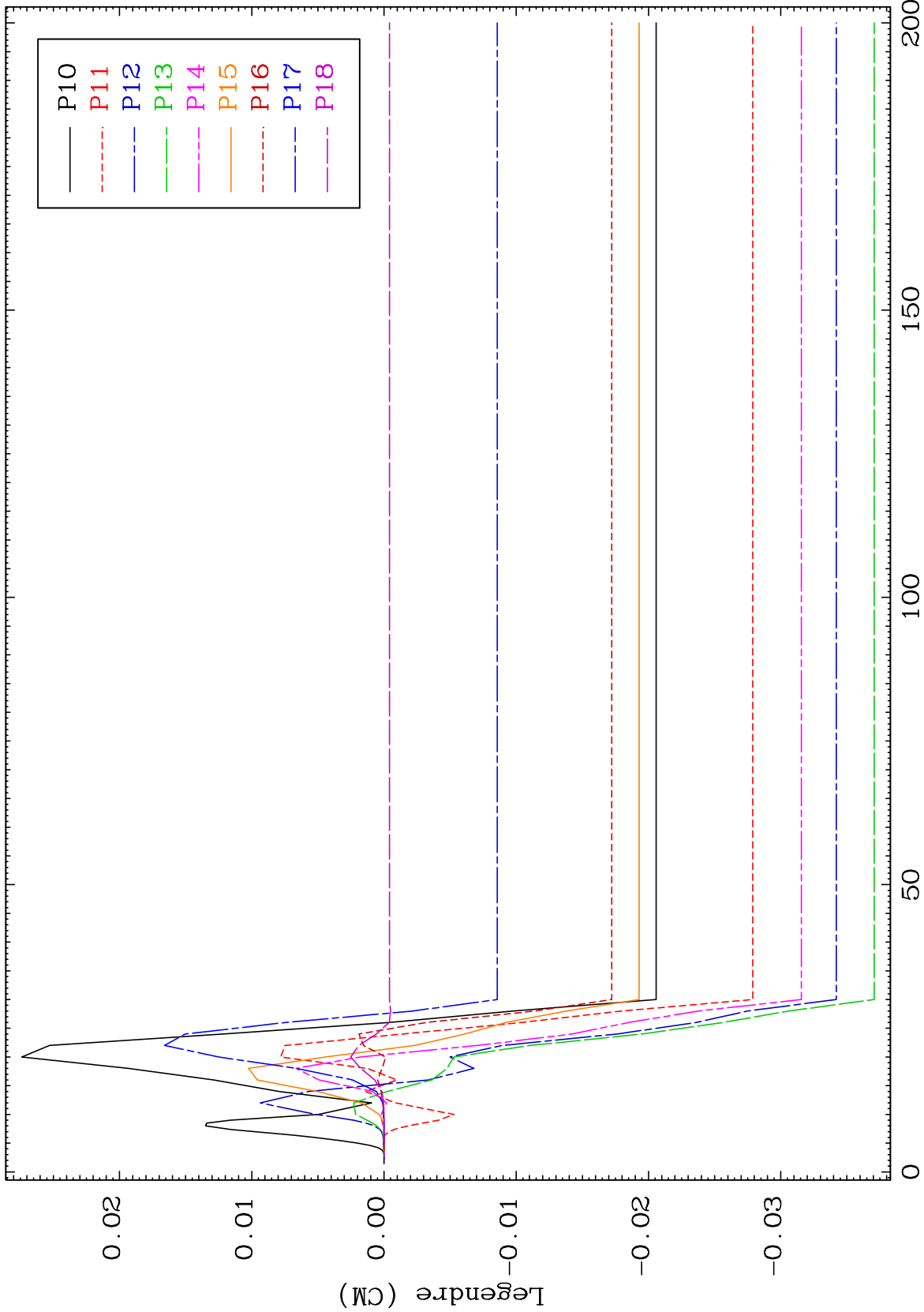
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



39

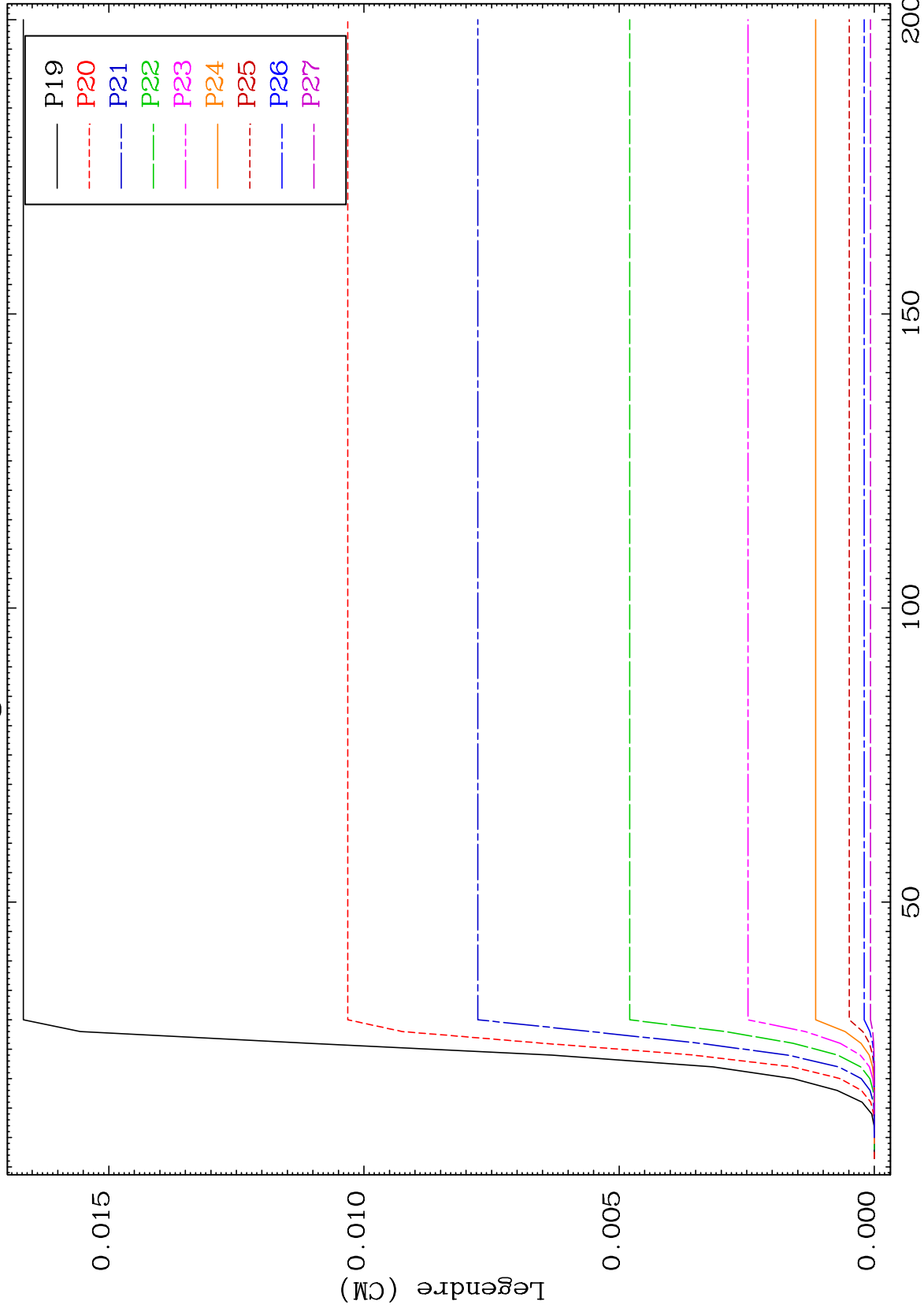
Incident Energy (MeV)

74-W -178

MAT 7419

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

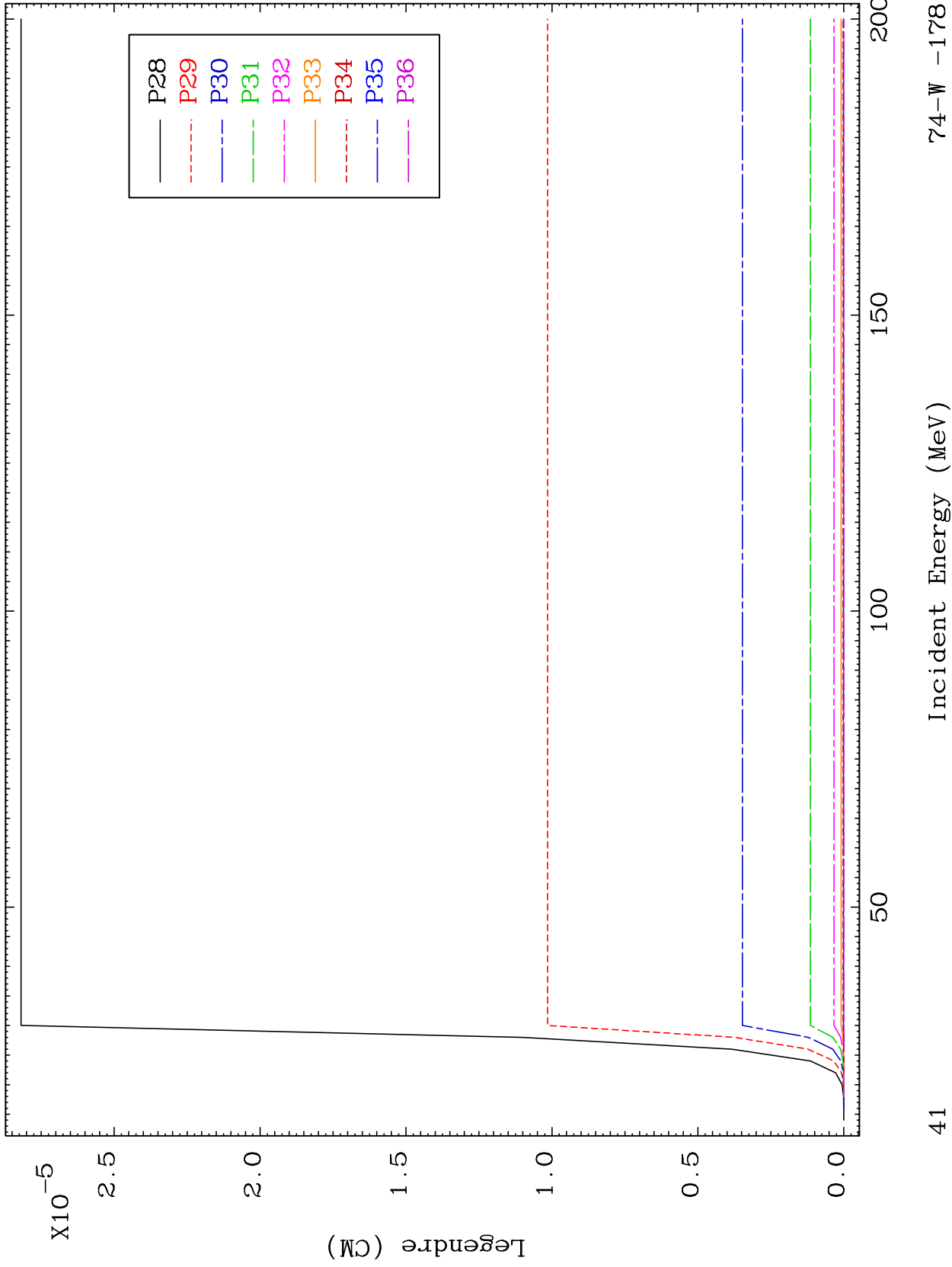
74-W -178



40

Incident Energy (MeV)

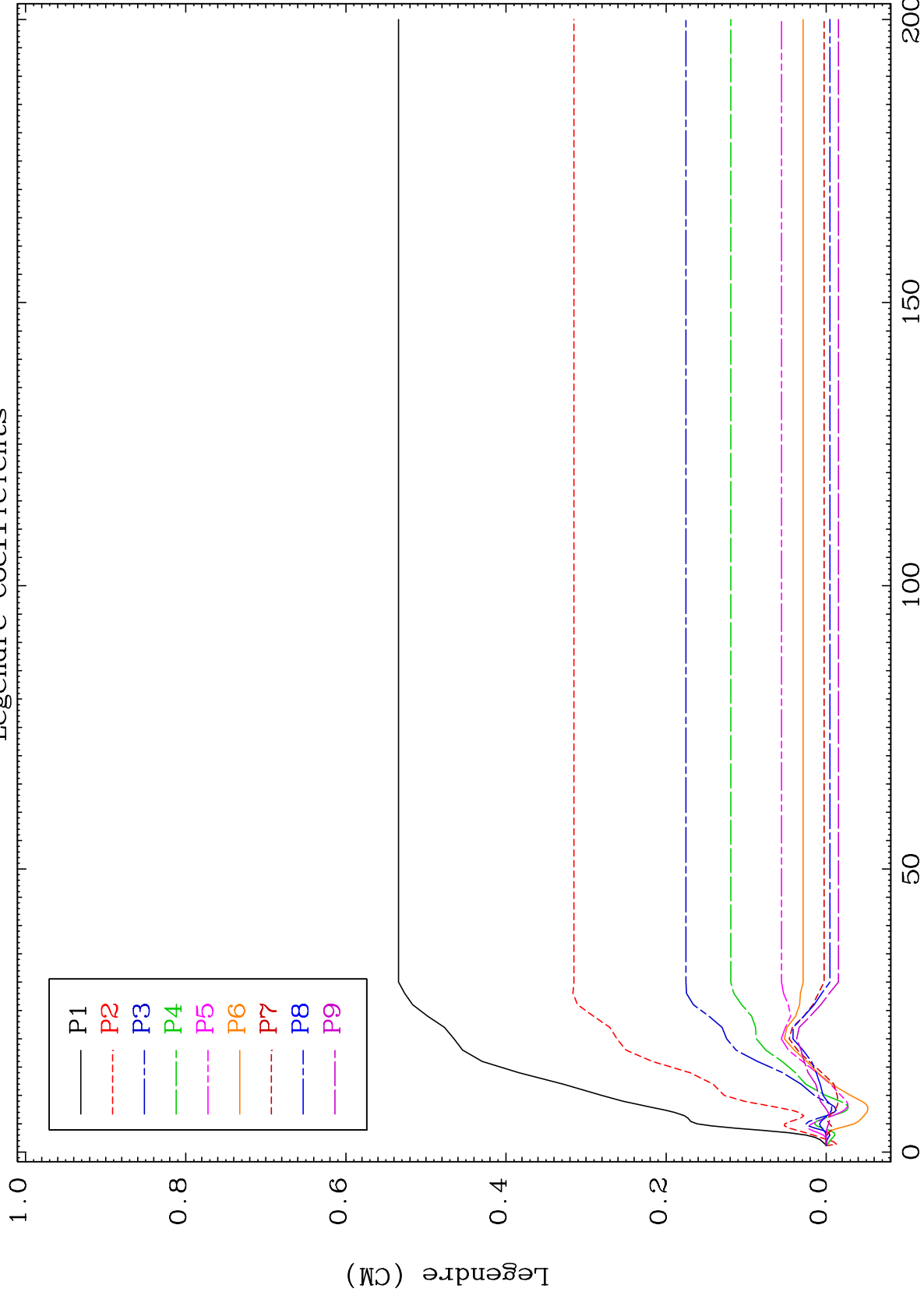
74-W -178



MAT 7419

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

74-W -178



42

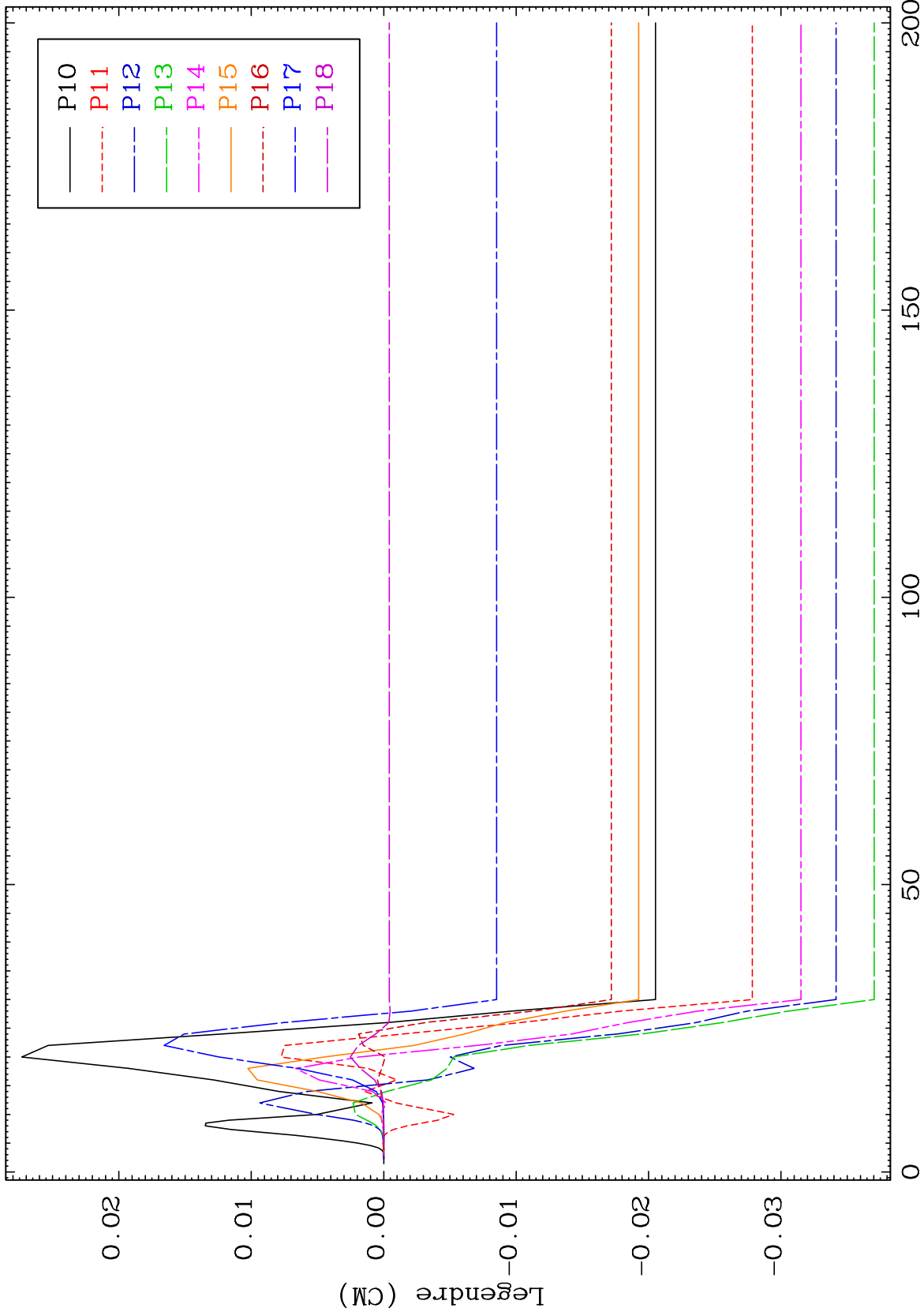
Incident Energy (MeV)

74-W -178

MAT 7419

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

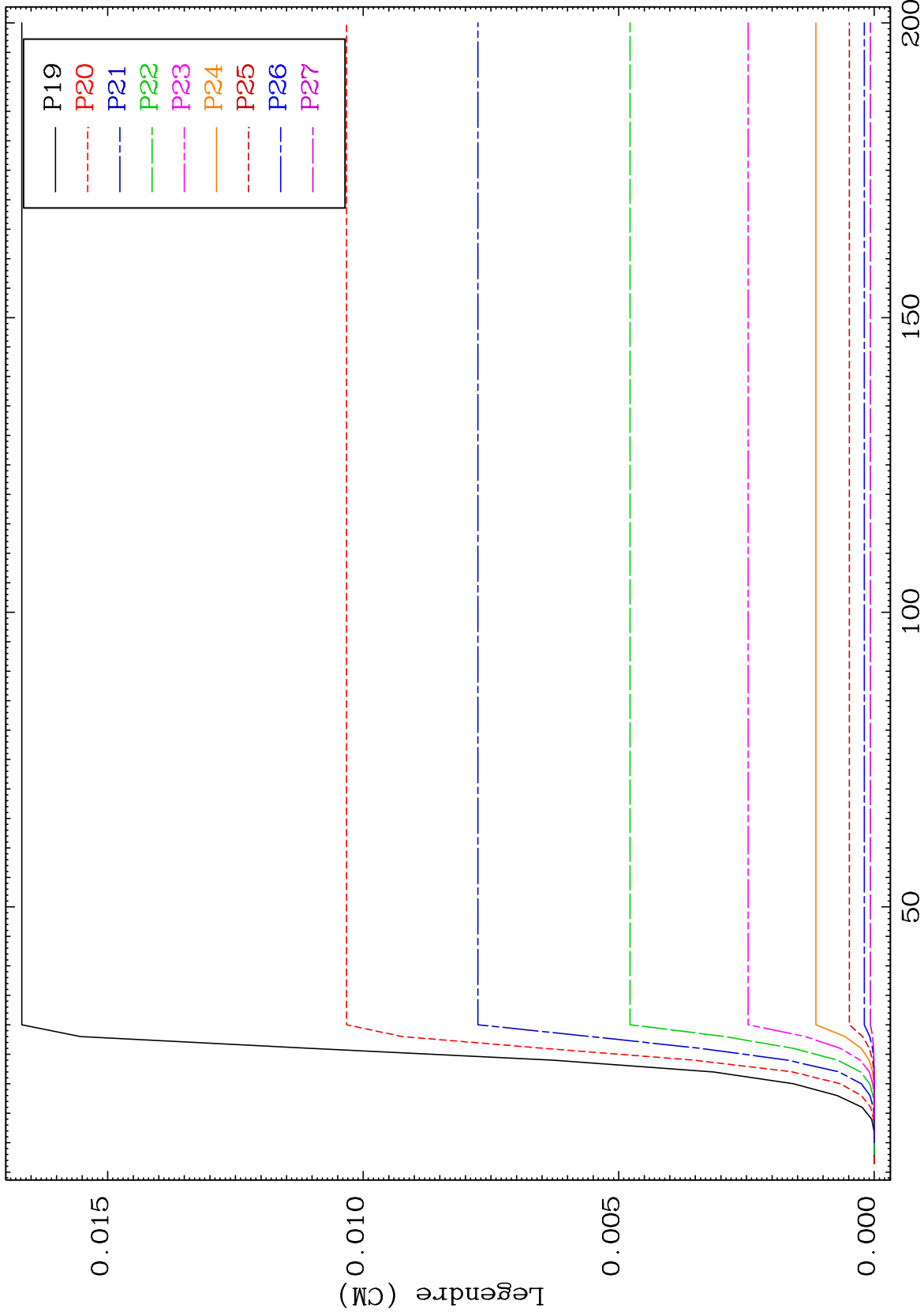
74-W -178



43

Incident Energy (MeV)

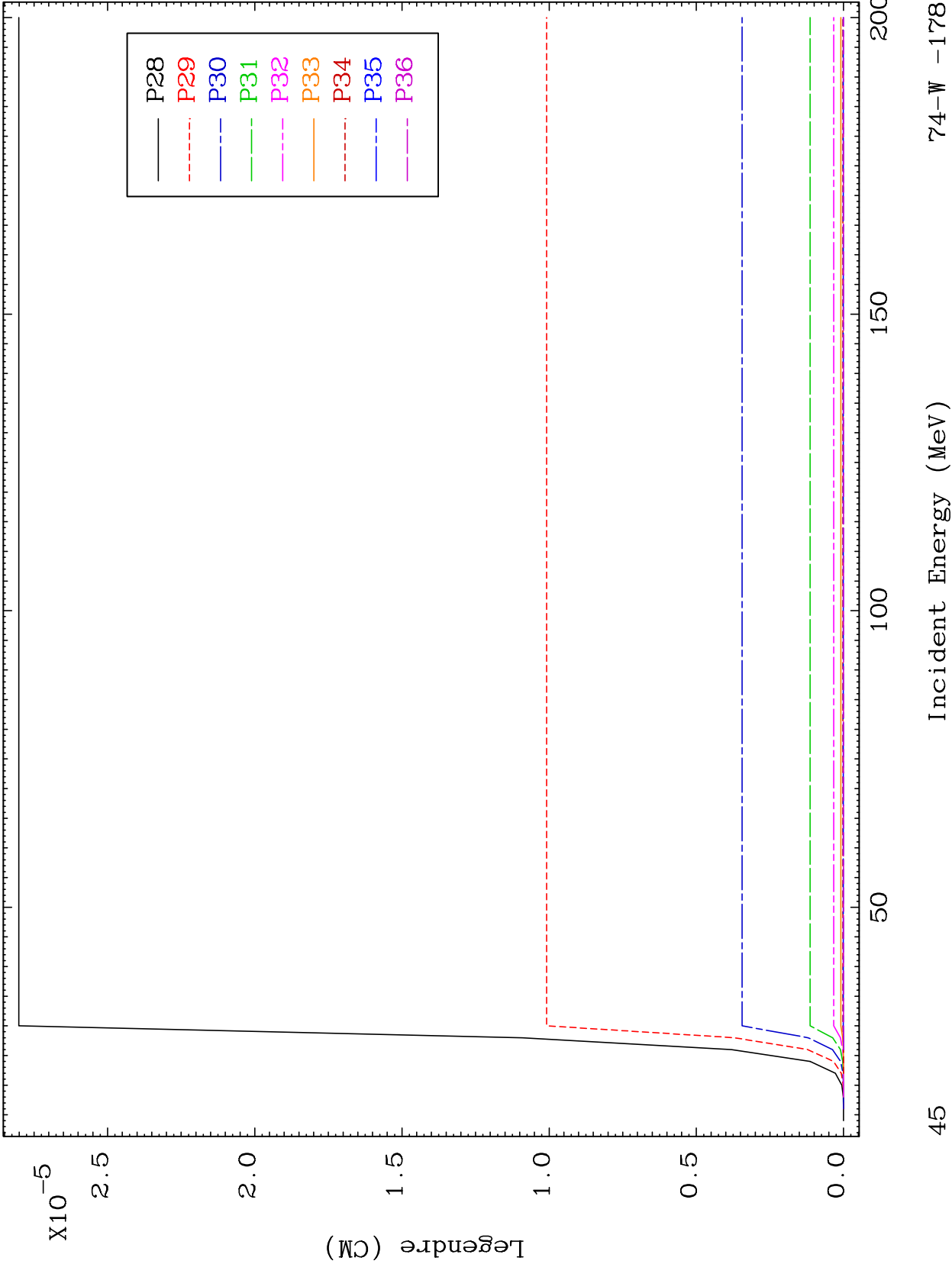
74-W -178



MAT 7419

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

74-W -178



45

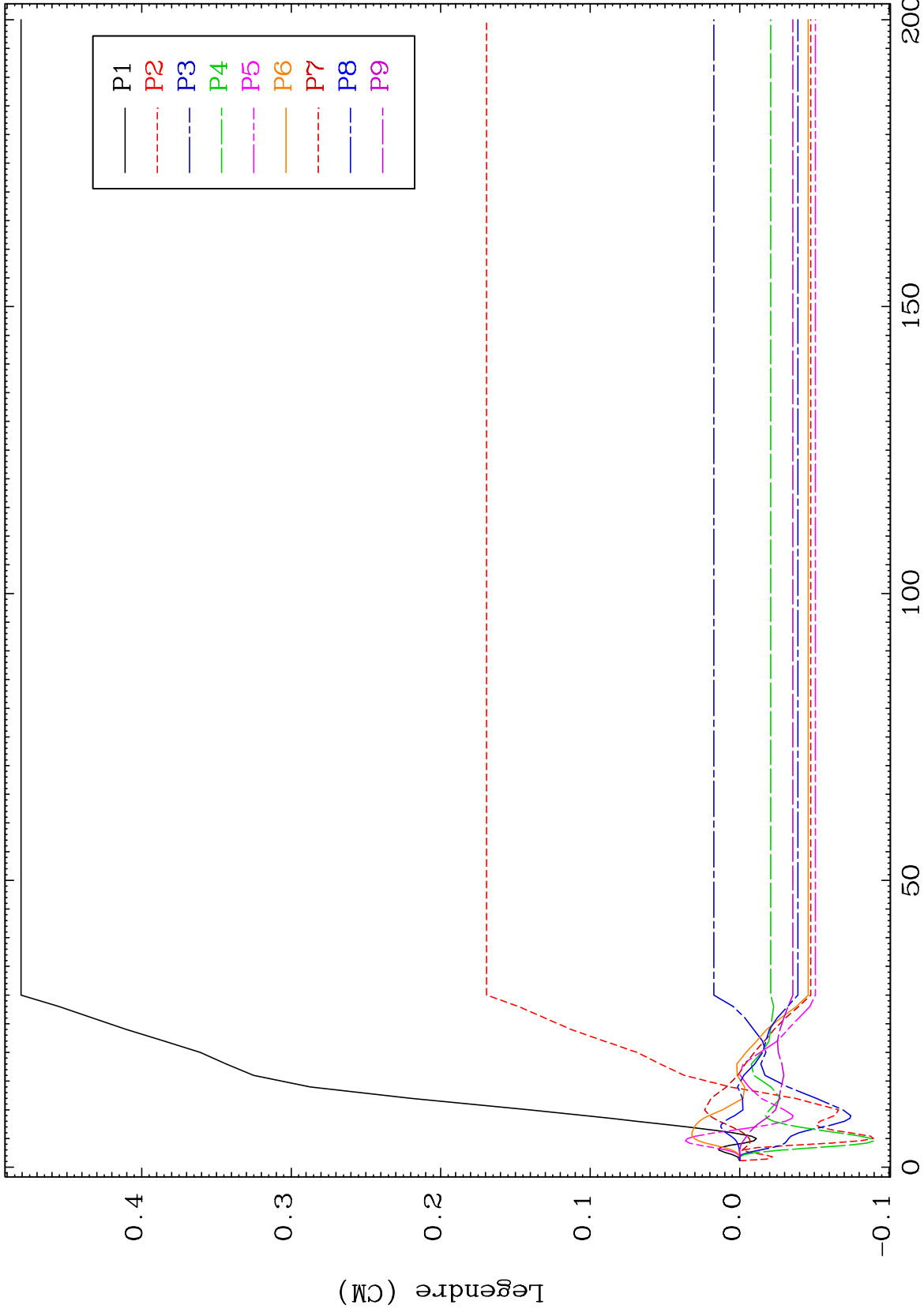
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



46

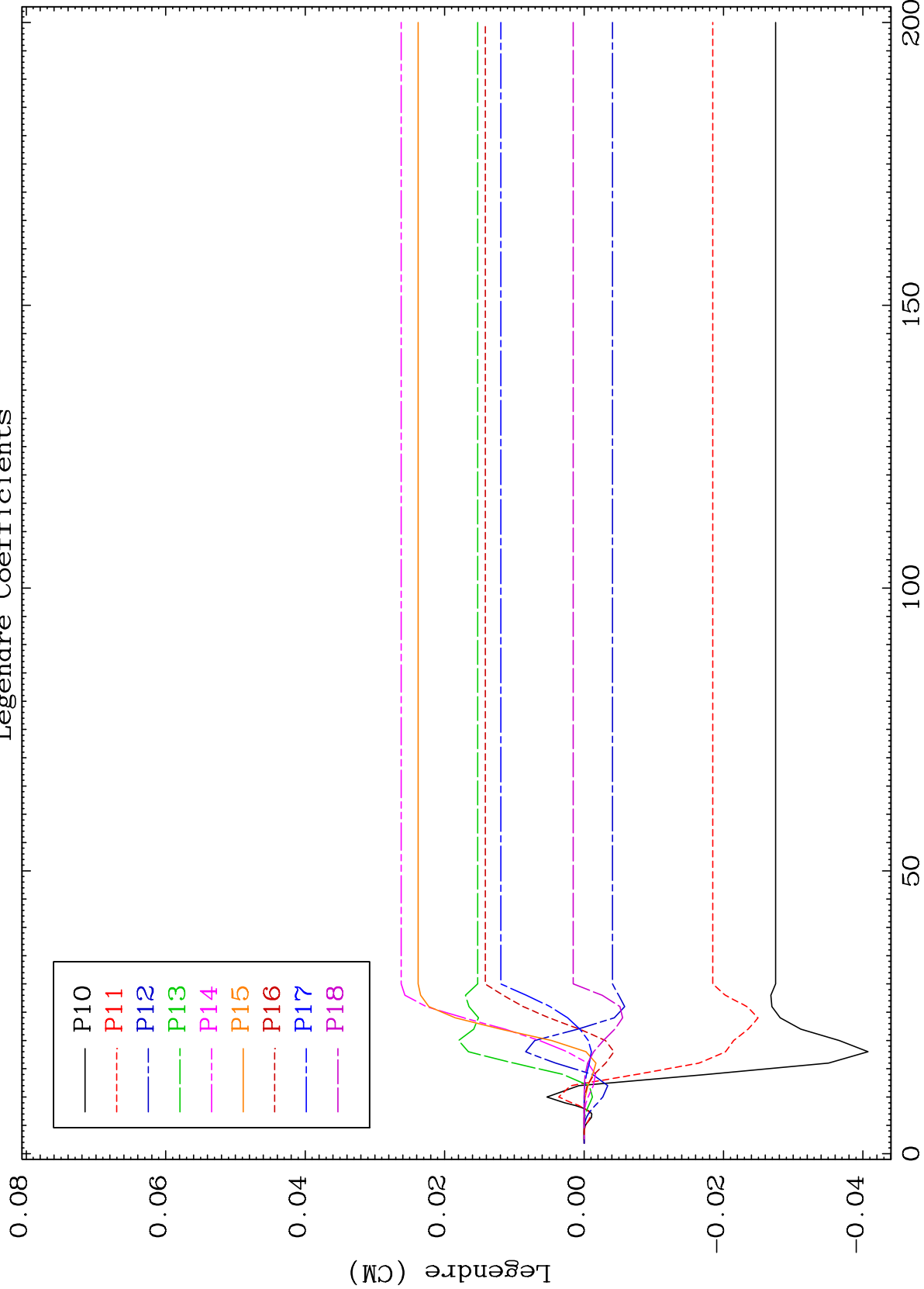
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



47

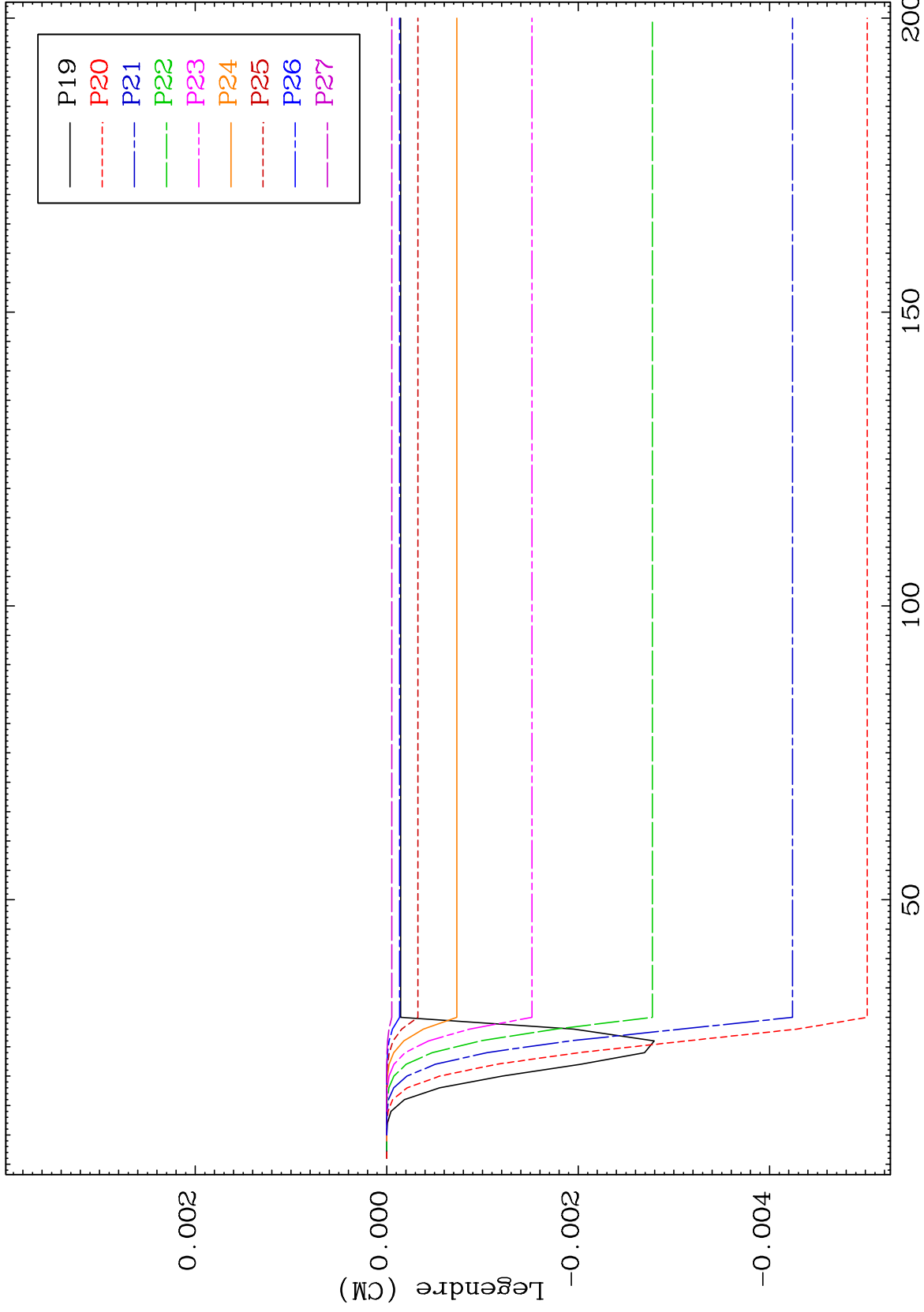
Incident Energy (MeV)

74-W -178

MAT 7419

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

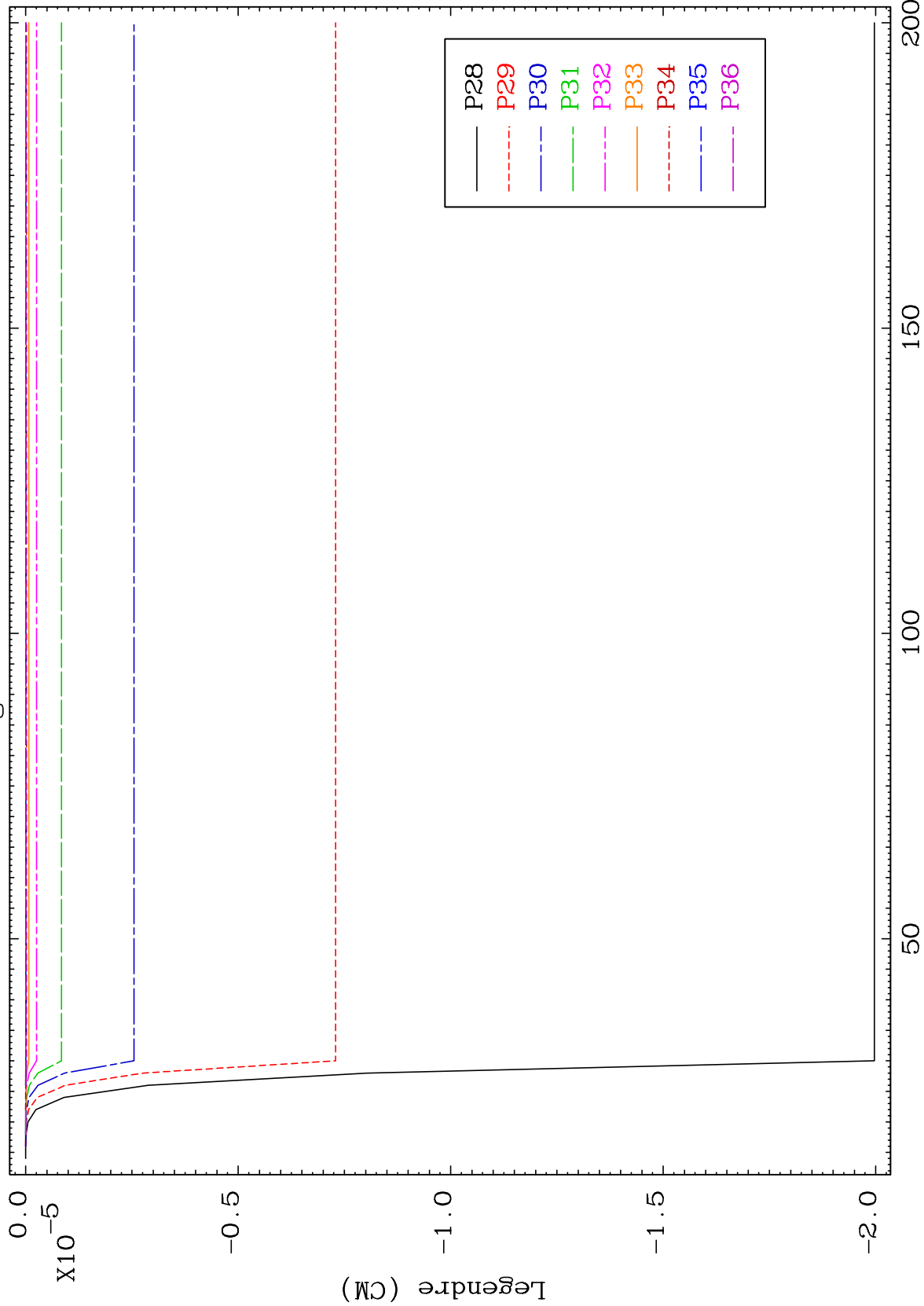
74-W -178



48

Incident Energy (MeV)

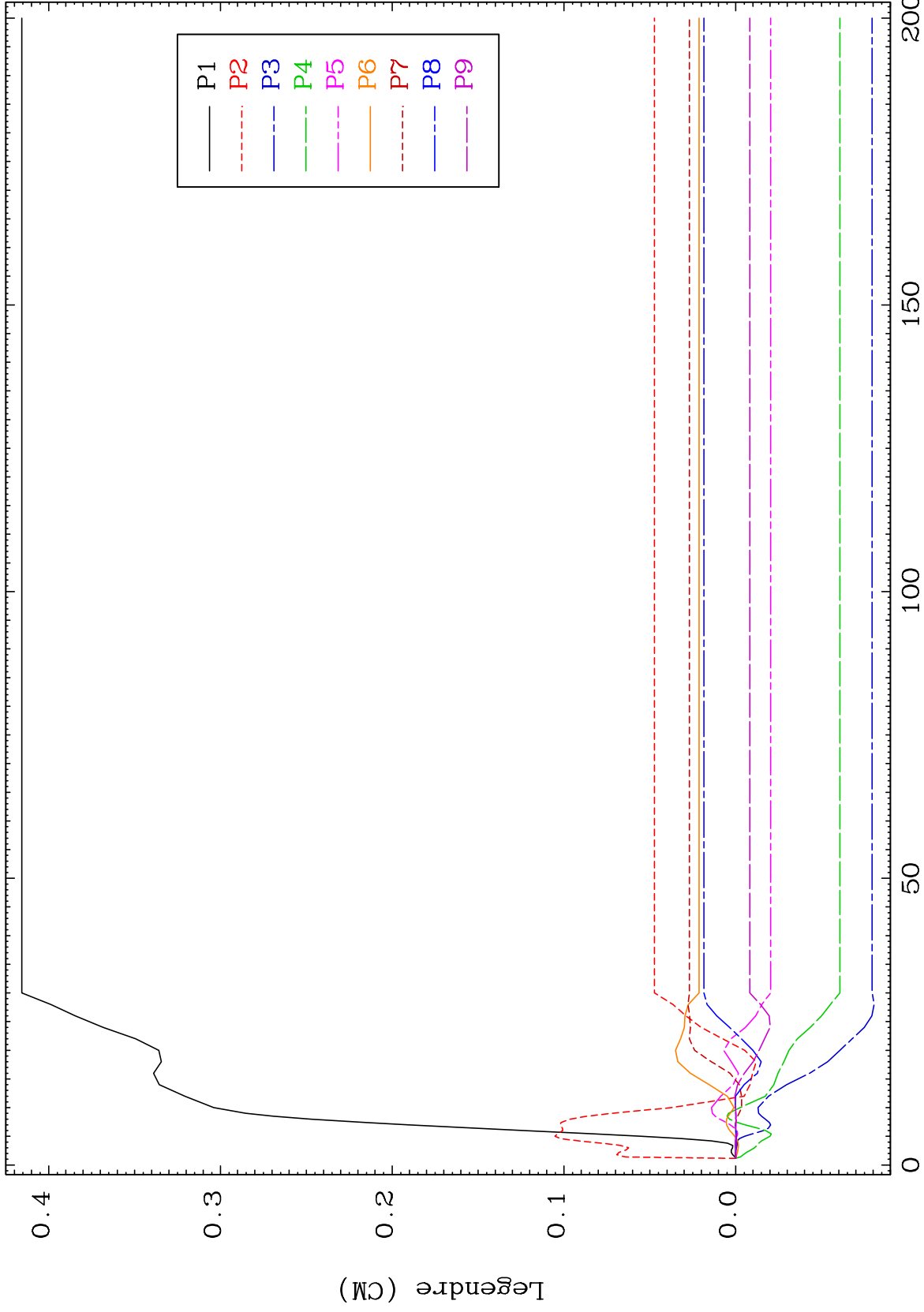
74-W -178



MAT 7419

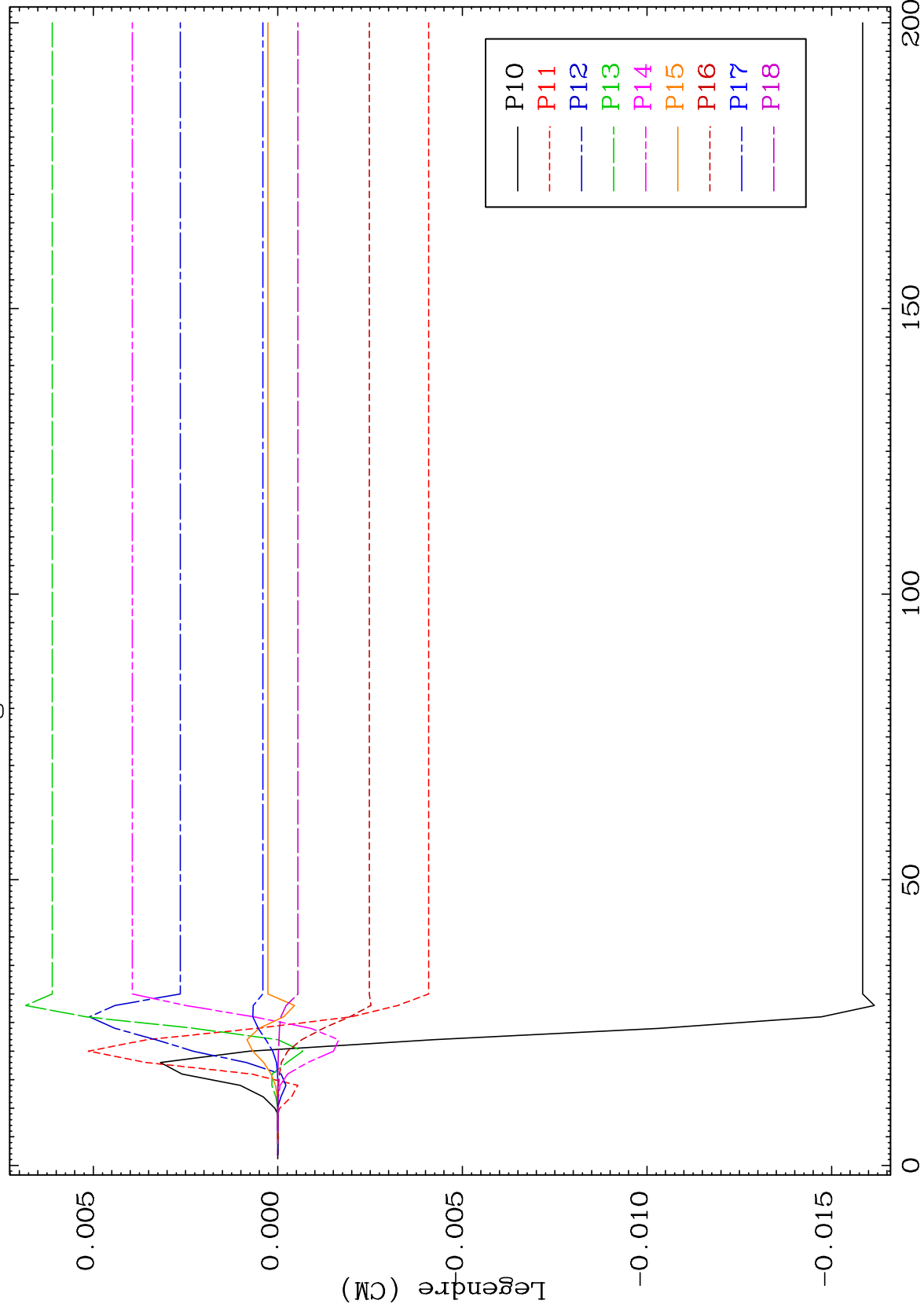
MT= 59 (n,n') Level
Legendre Coefficients

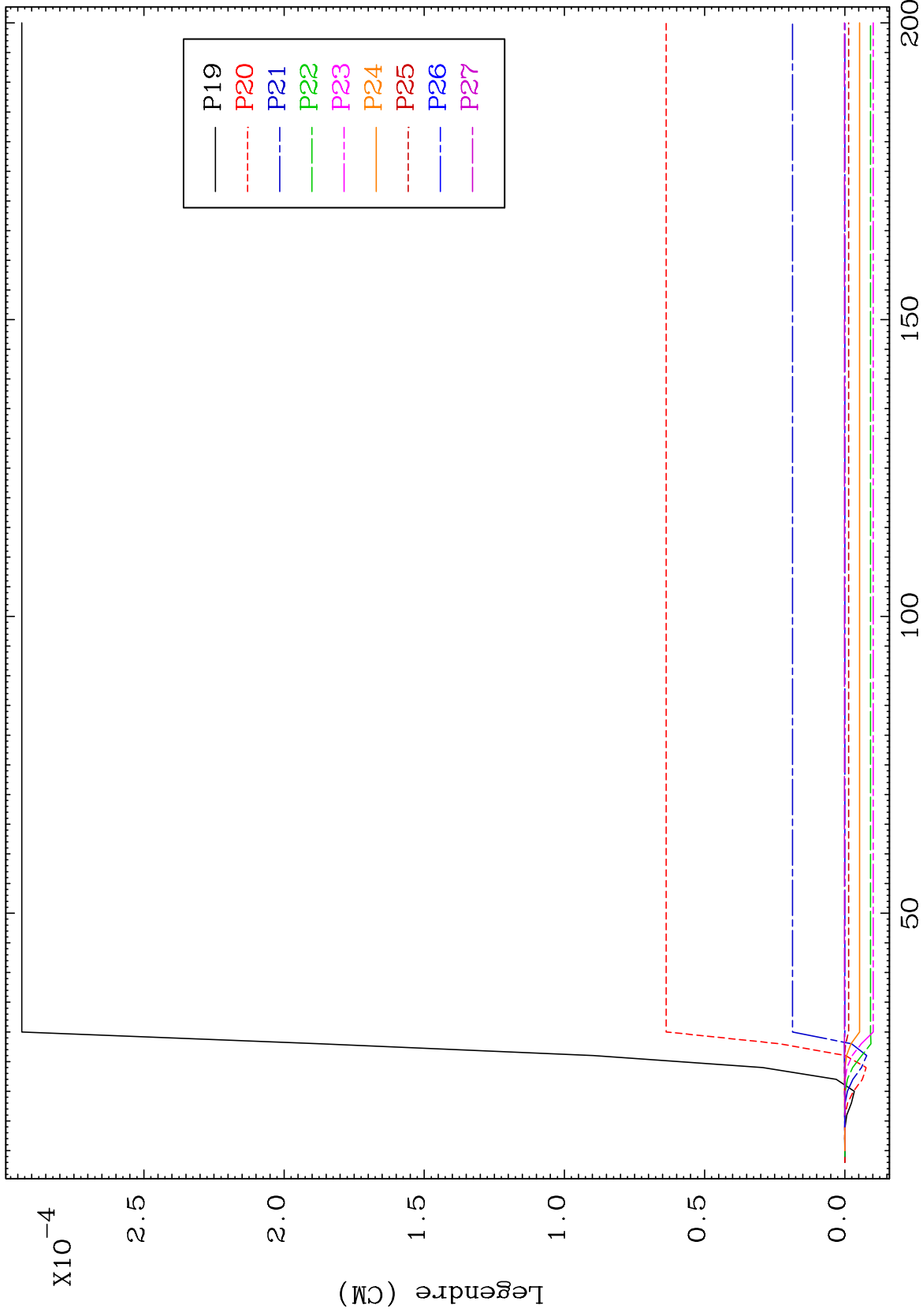
74-W -178

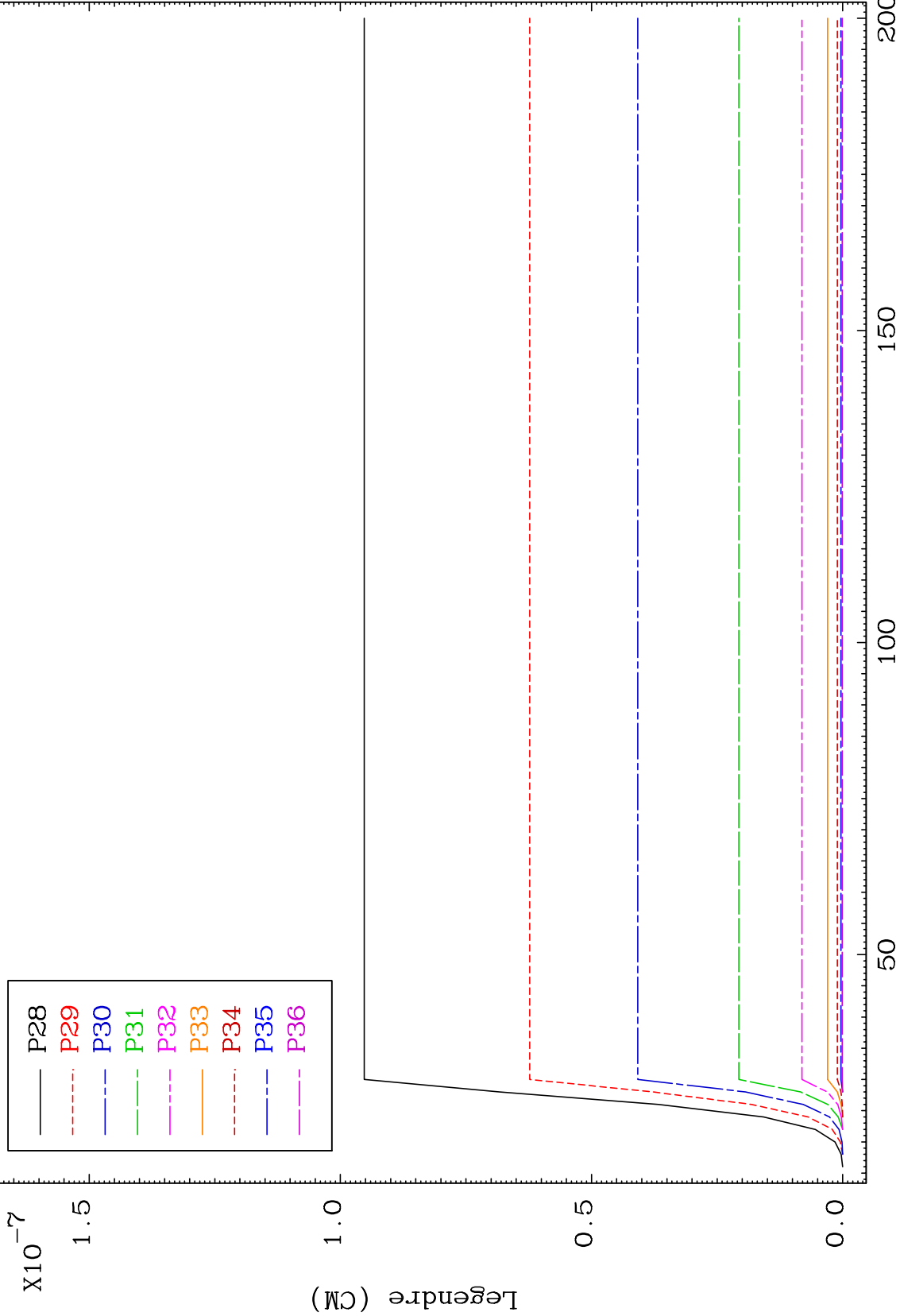
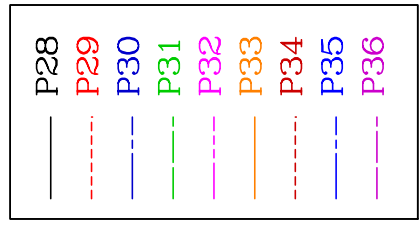


Incident Energy (MeV)

74-W -178



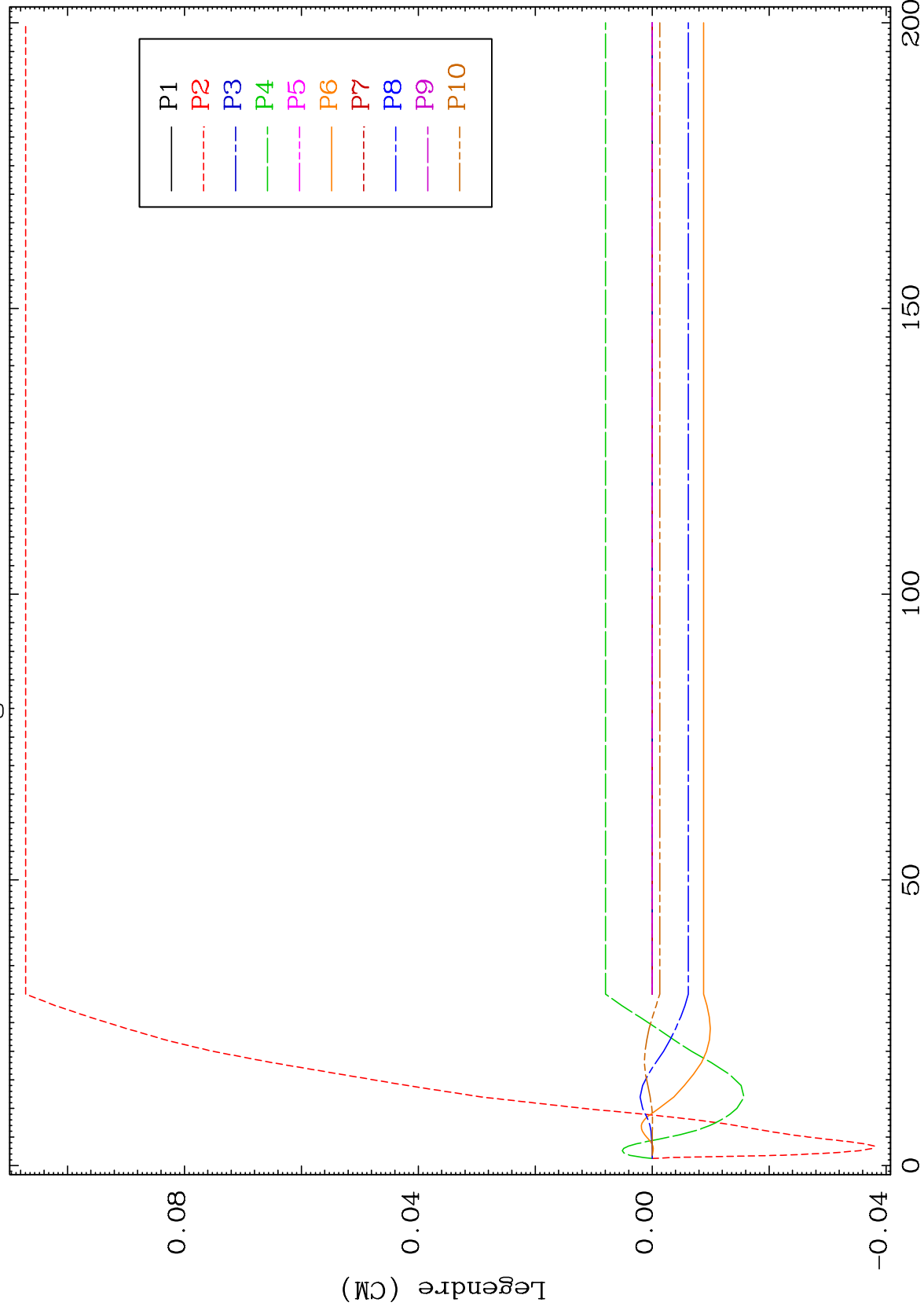




MAT 7419

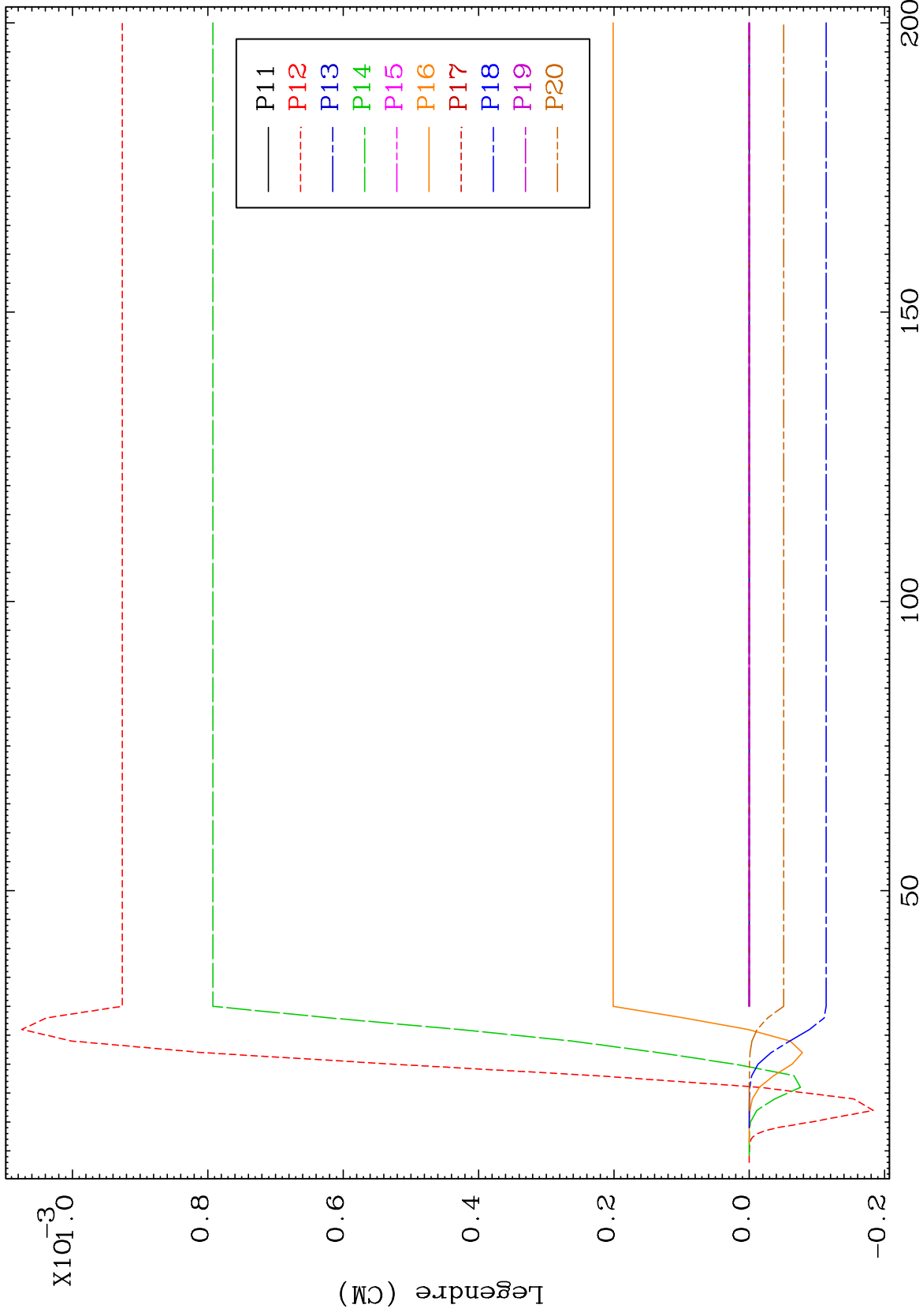
MT= 60 (n,n') Level
Legendre Coefficients

74-W -178



54

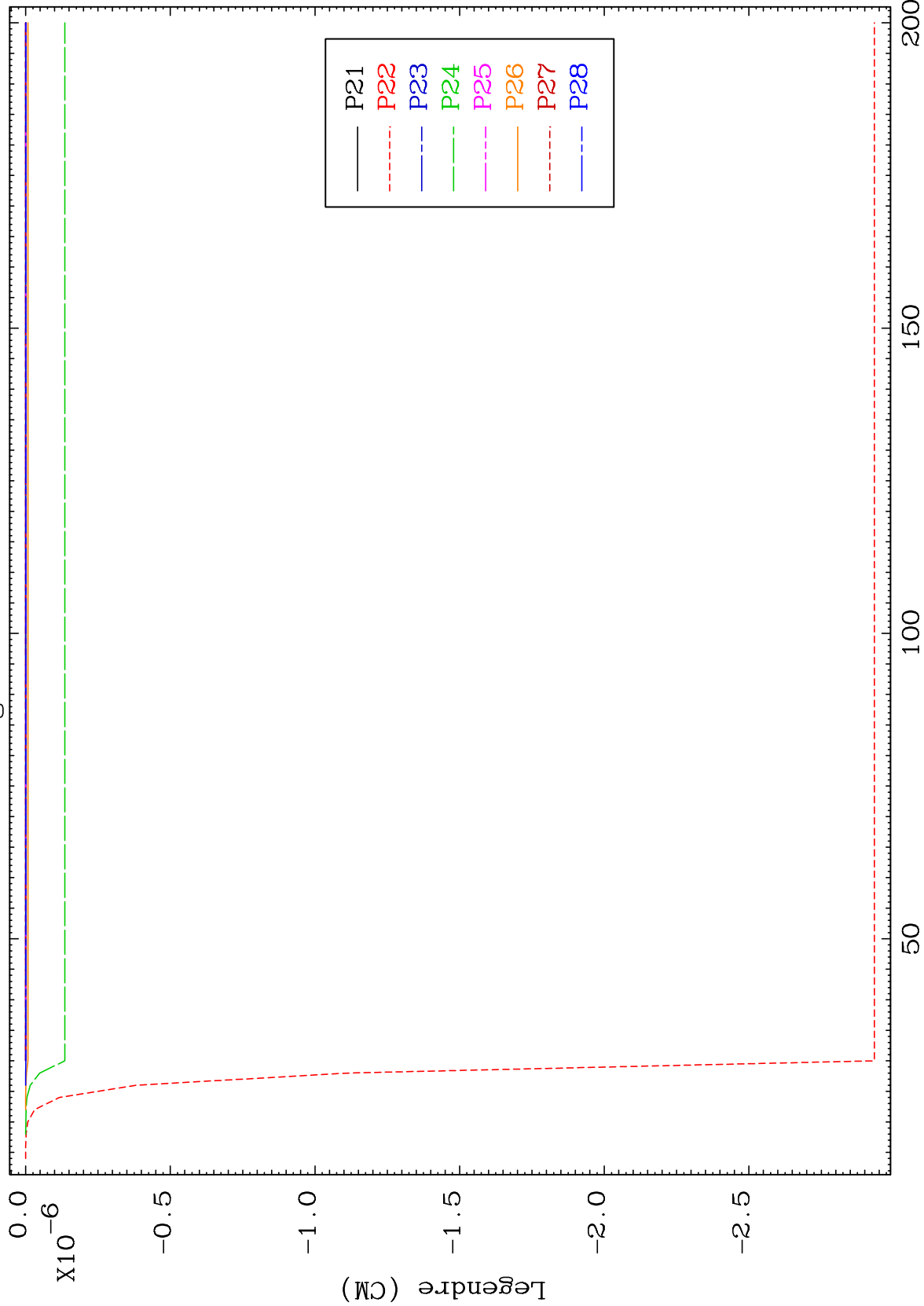
74-W -178



MAT 7419

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

74-W -178



56

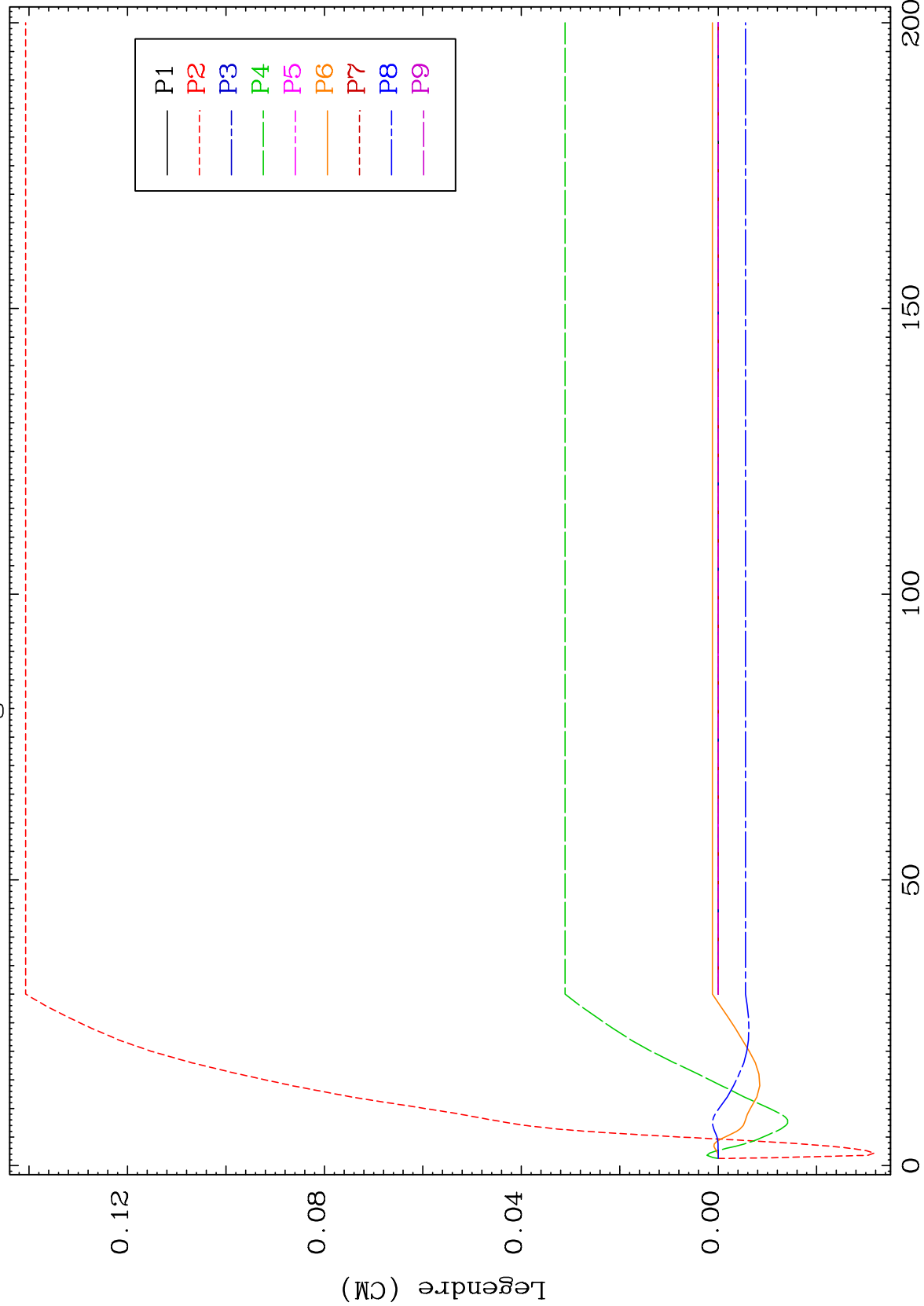
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



57

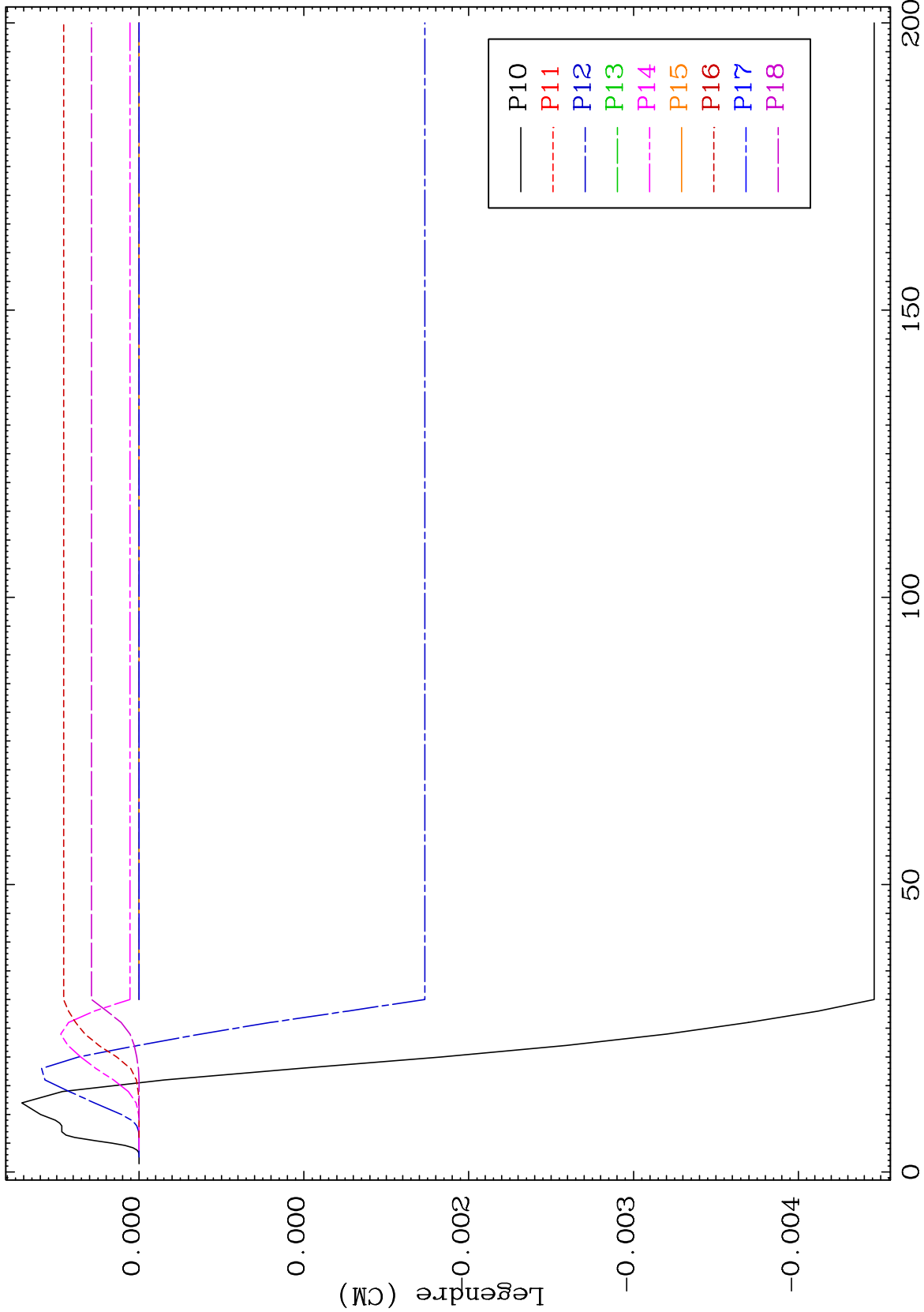
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



58

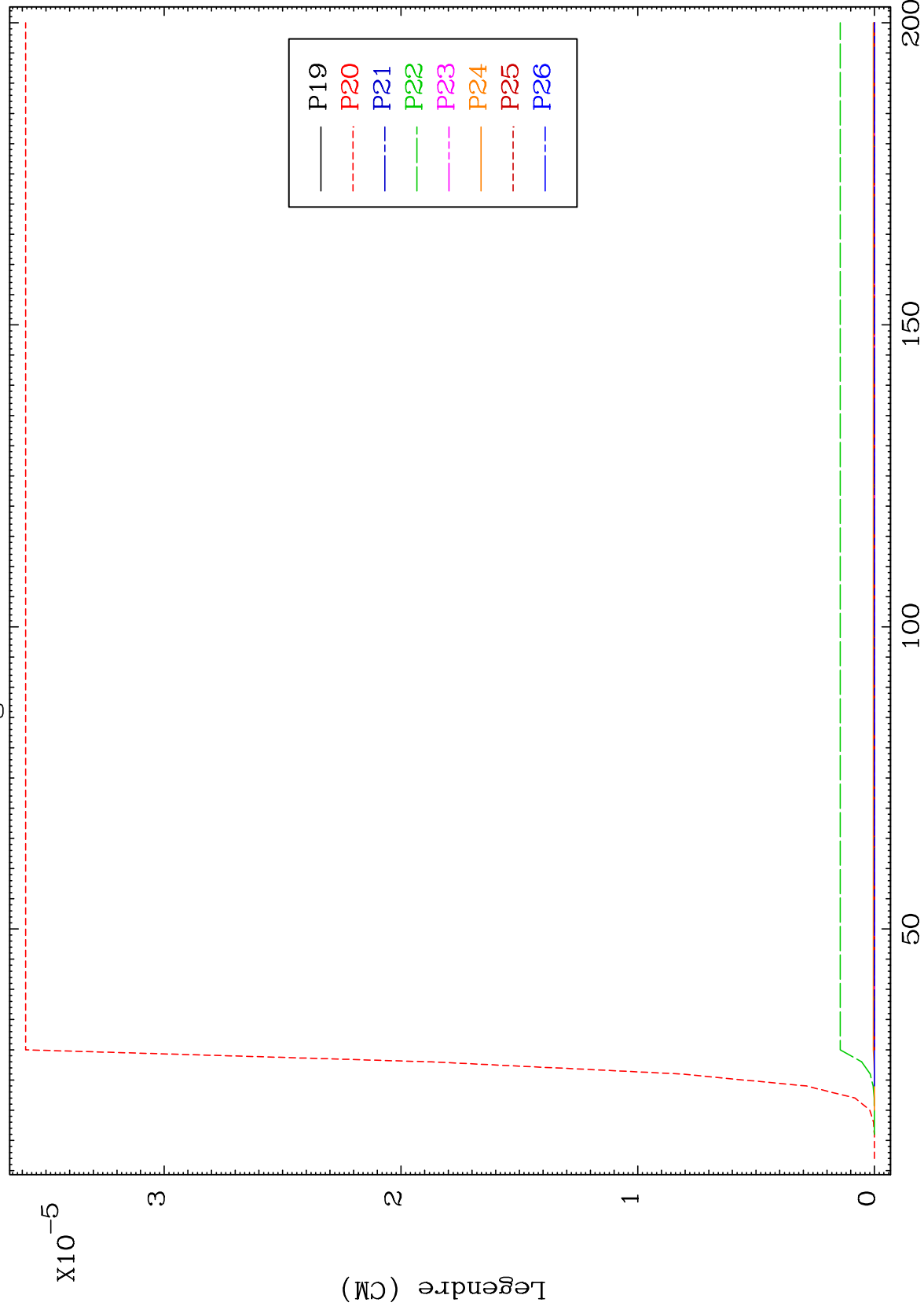
Incident Energy (MeV)

74-W -178

MAT 7419

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

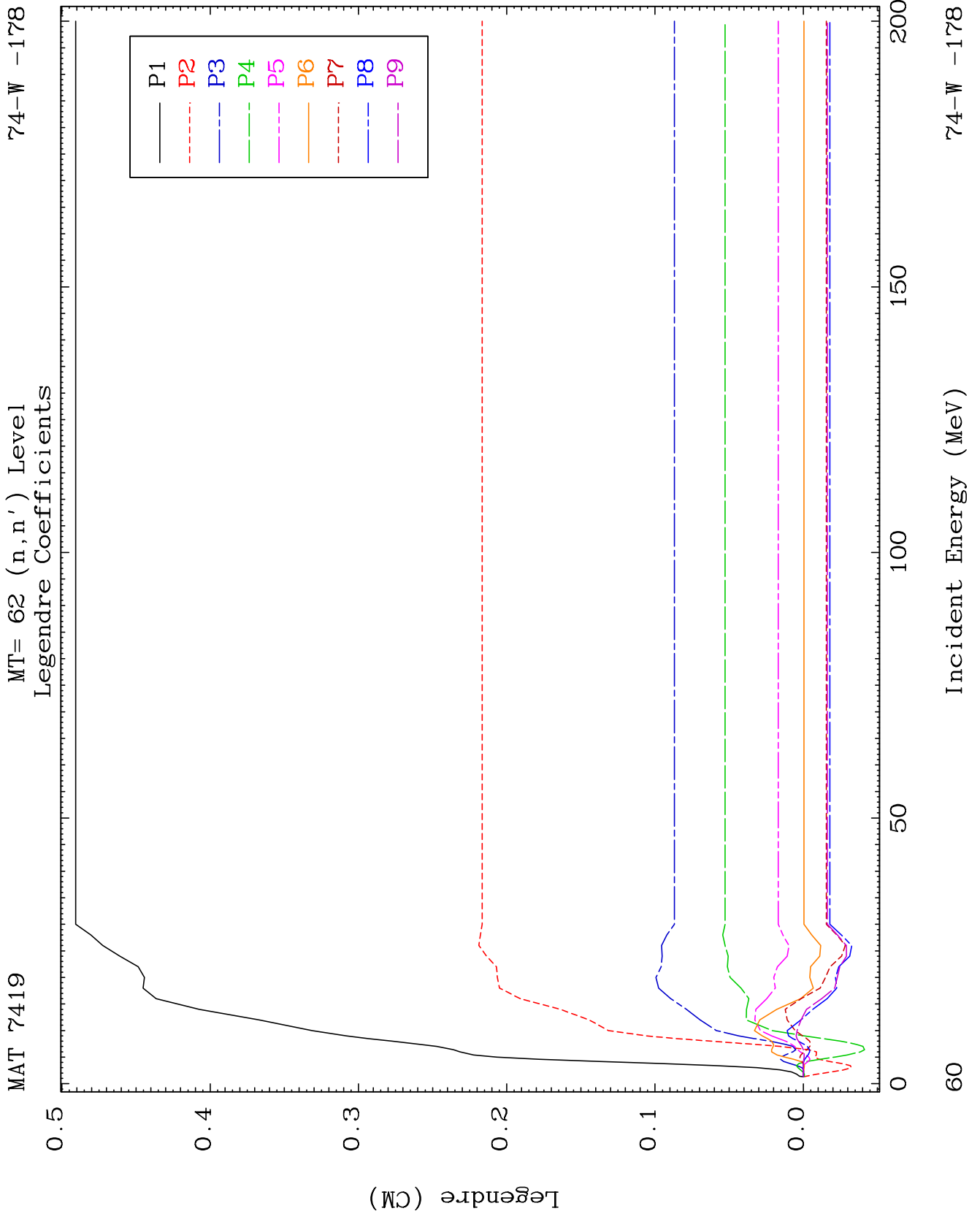
74-W -178



74-W -178

Incident Energy (MeV)

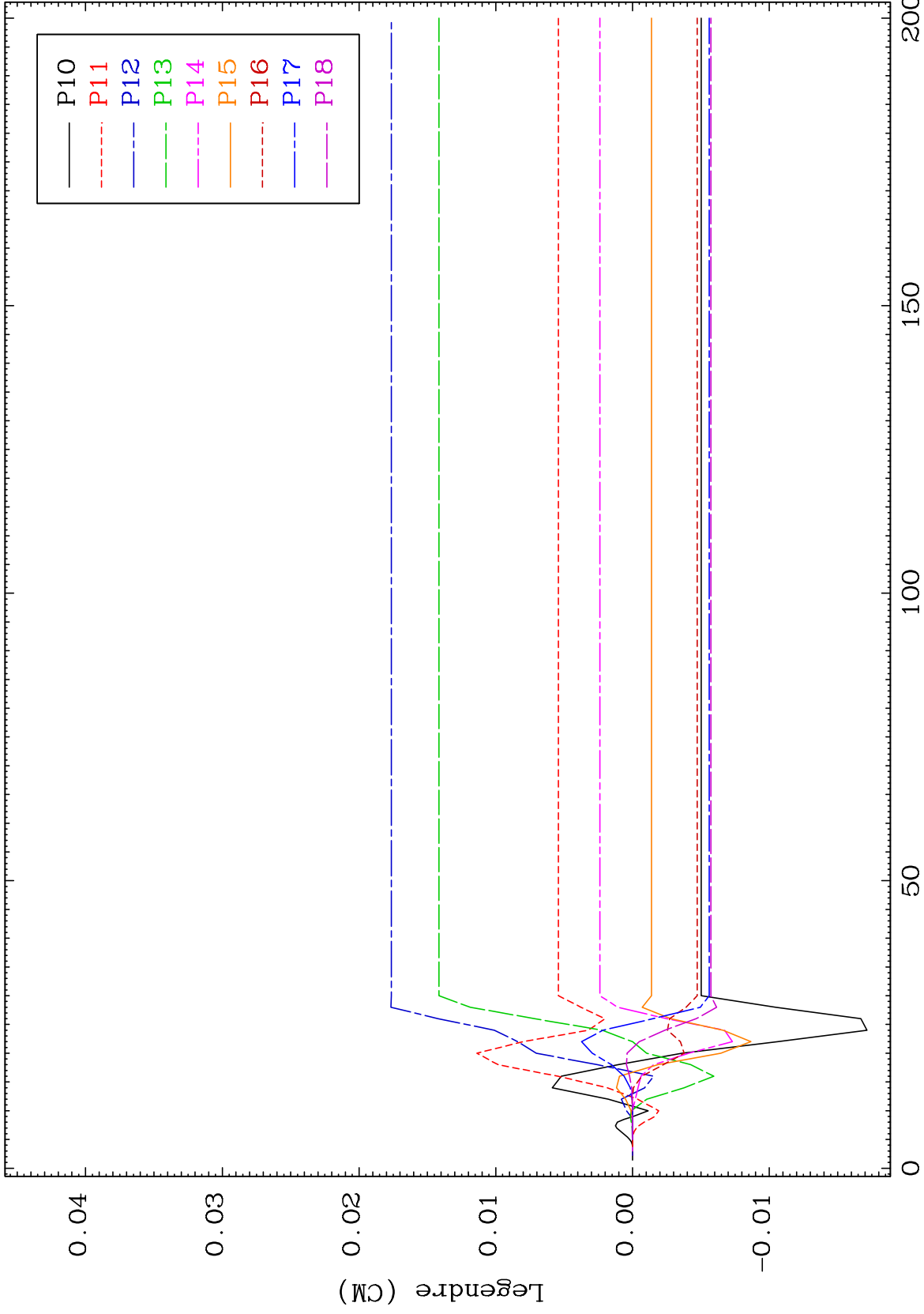
59



MAT 7419

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

74-W -178



61

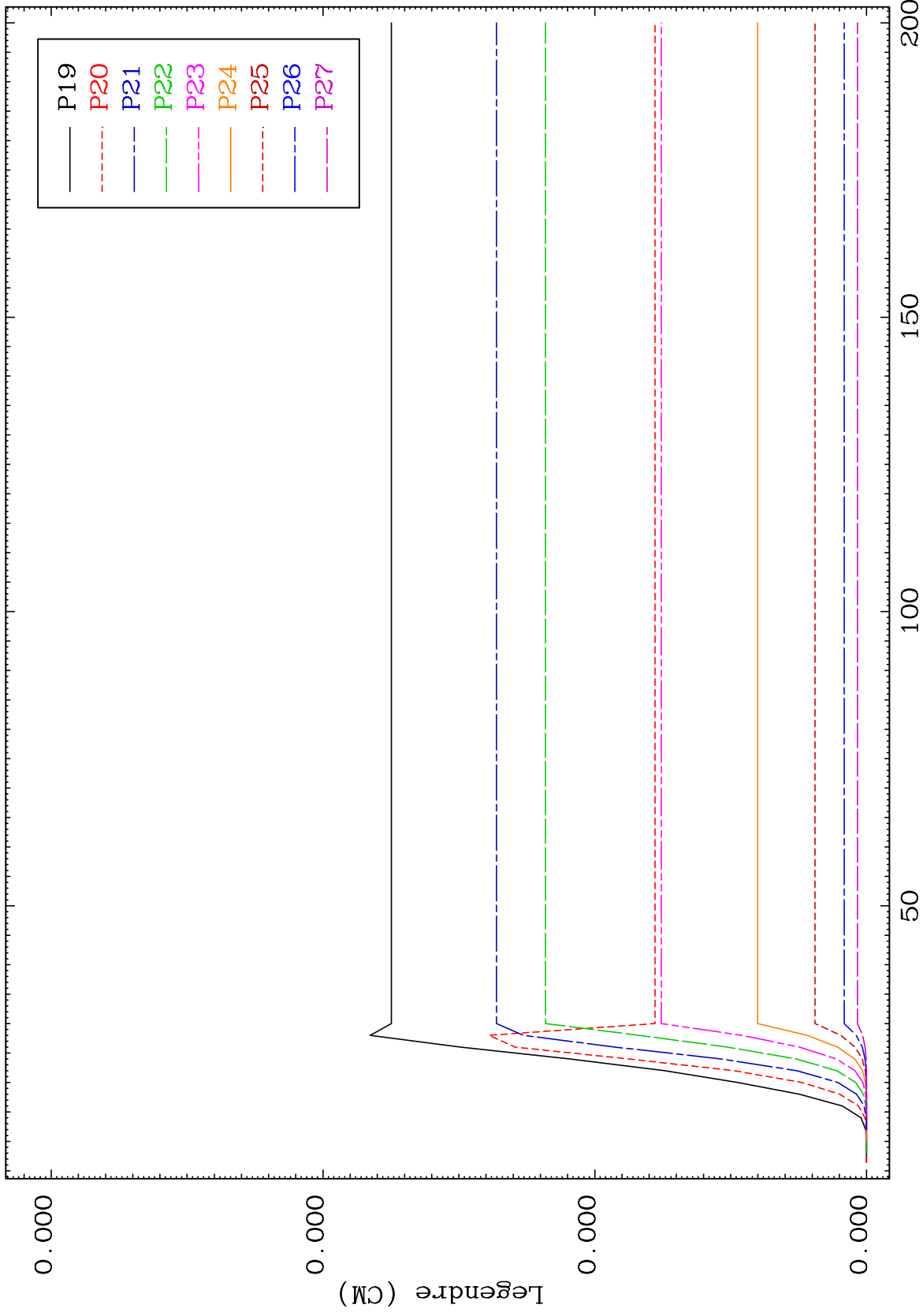
Incident Energy (MeV)

74-W -178

MAT 7419

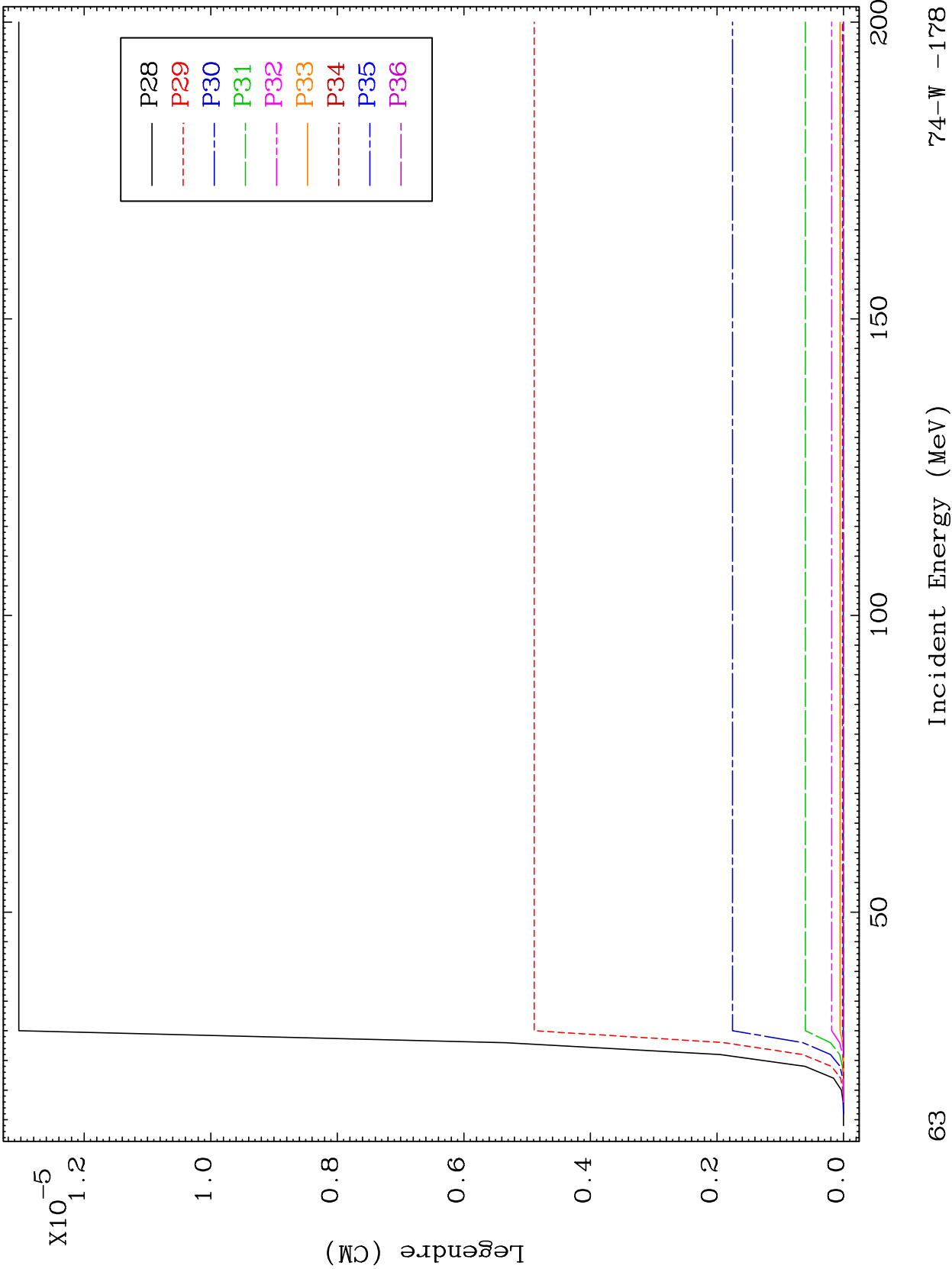
MT= 62 (n,n') Level
Legendre Coefficients

74-W -178



62

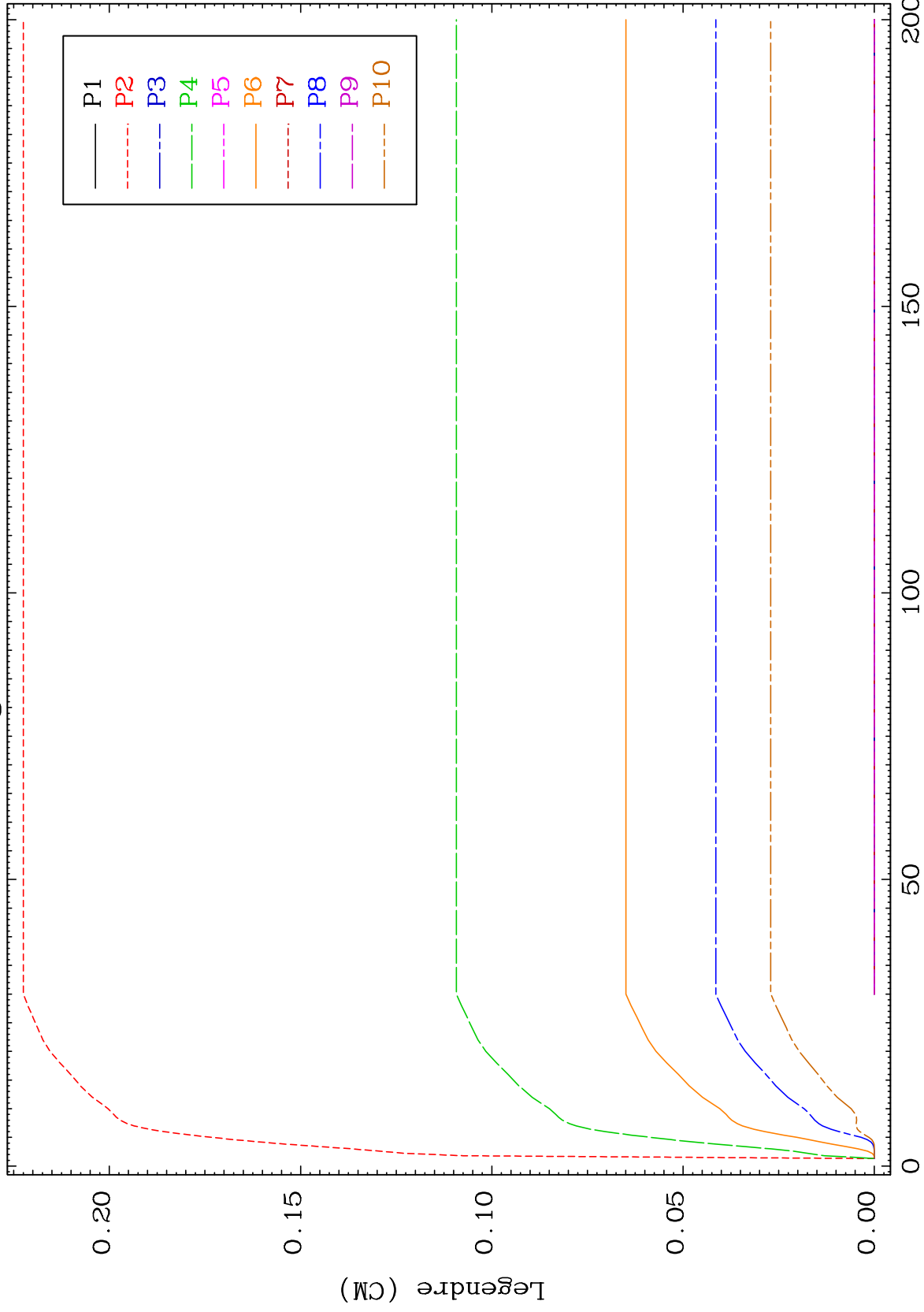
74-W -178



MAT 7419

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

74-W -178



64

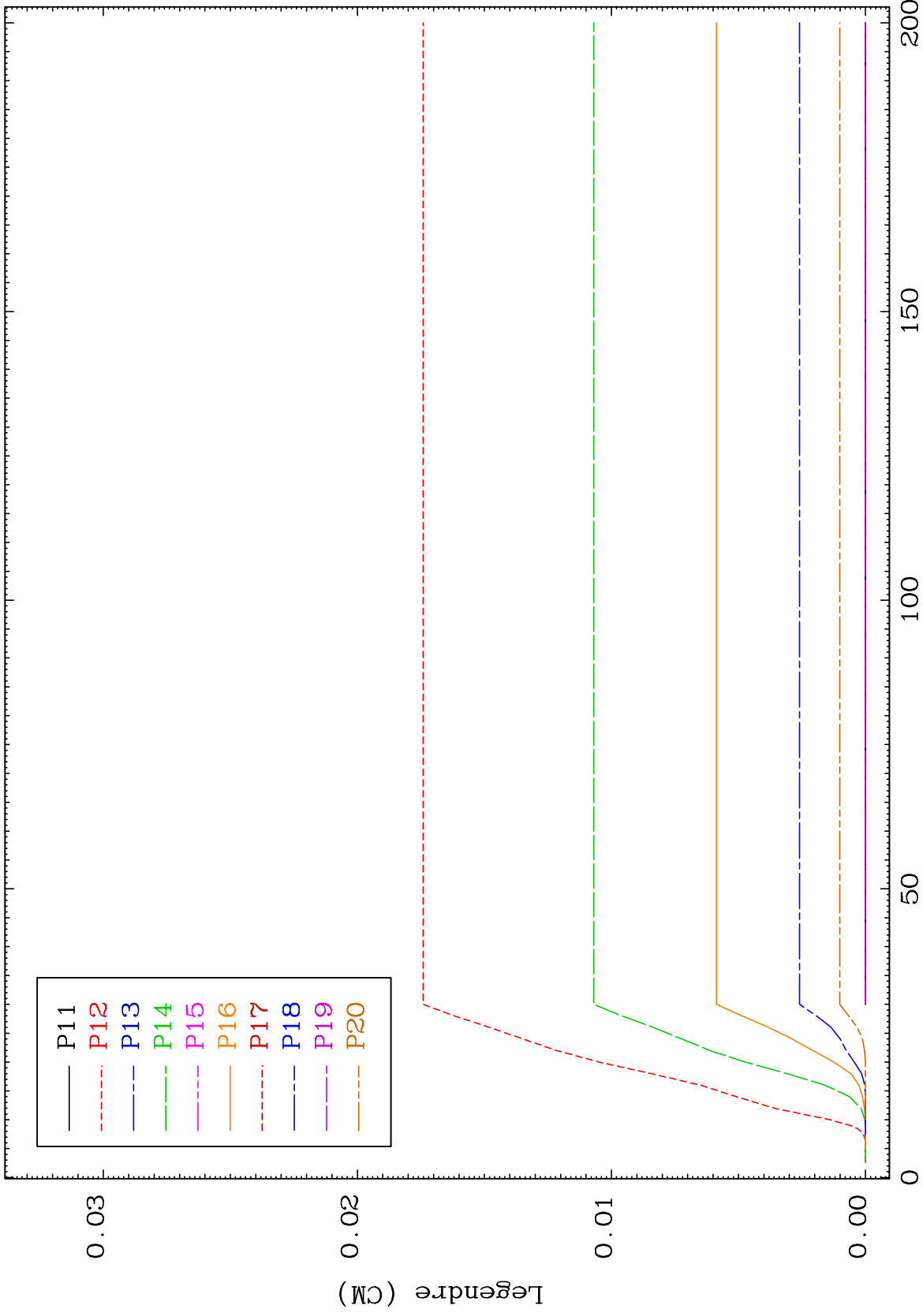
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



65

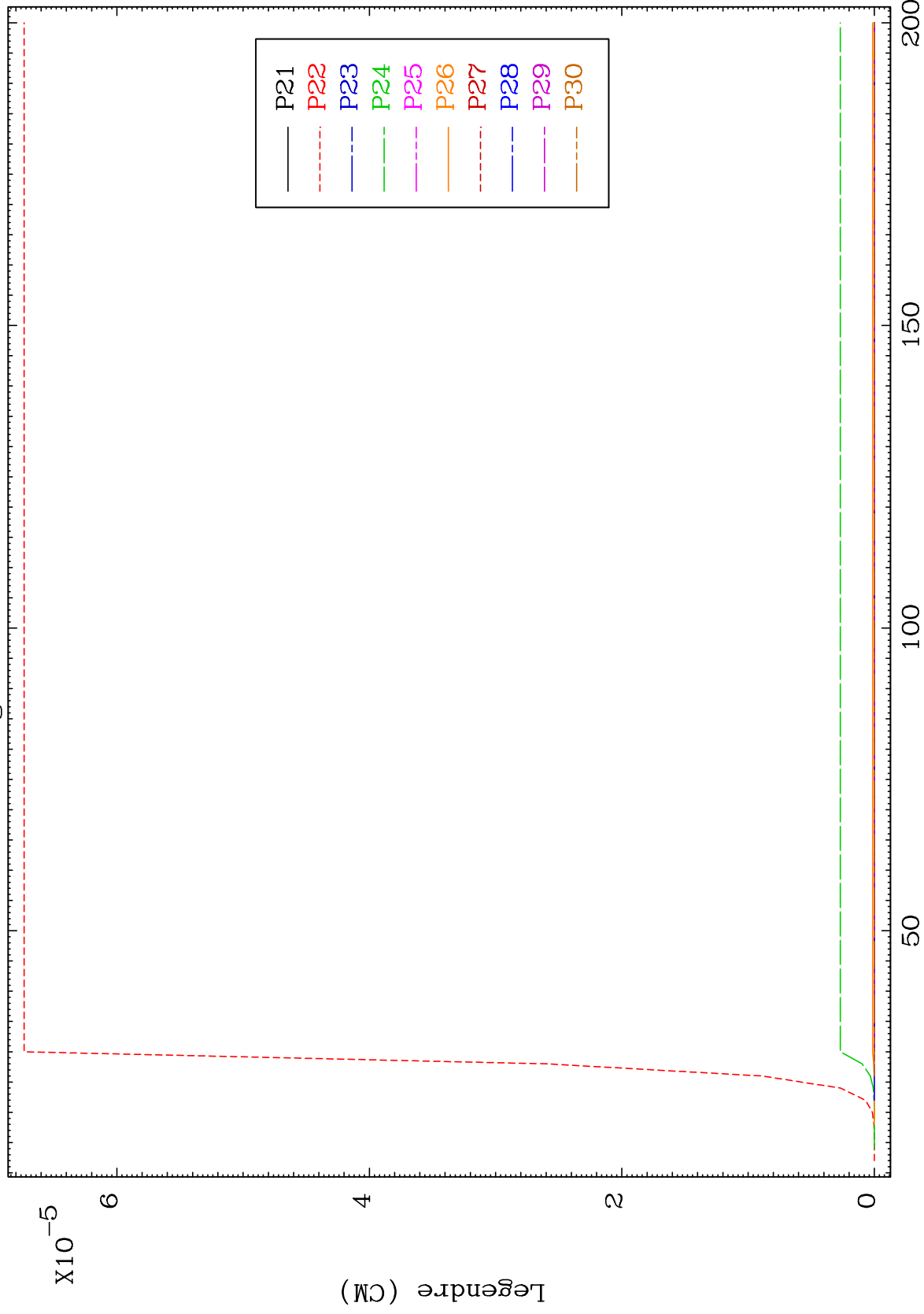
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



66

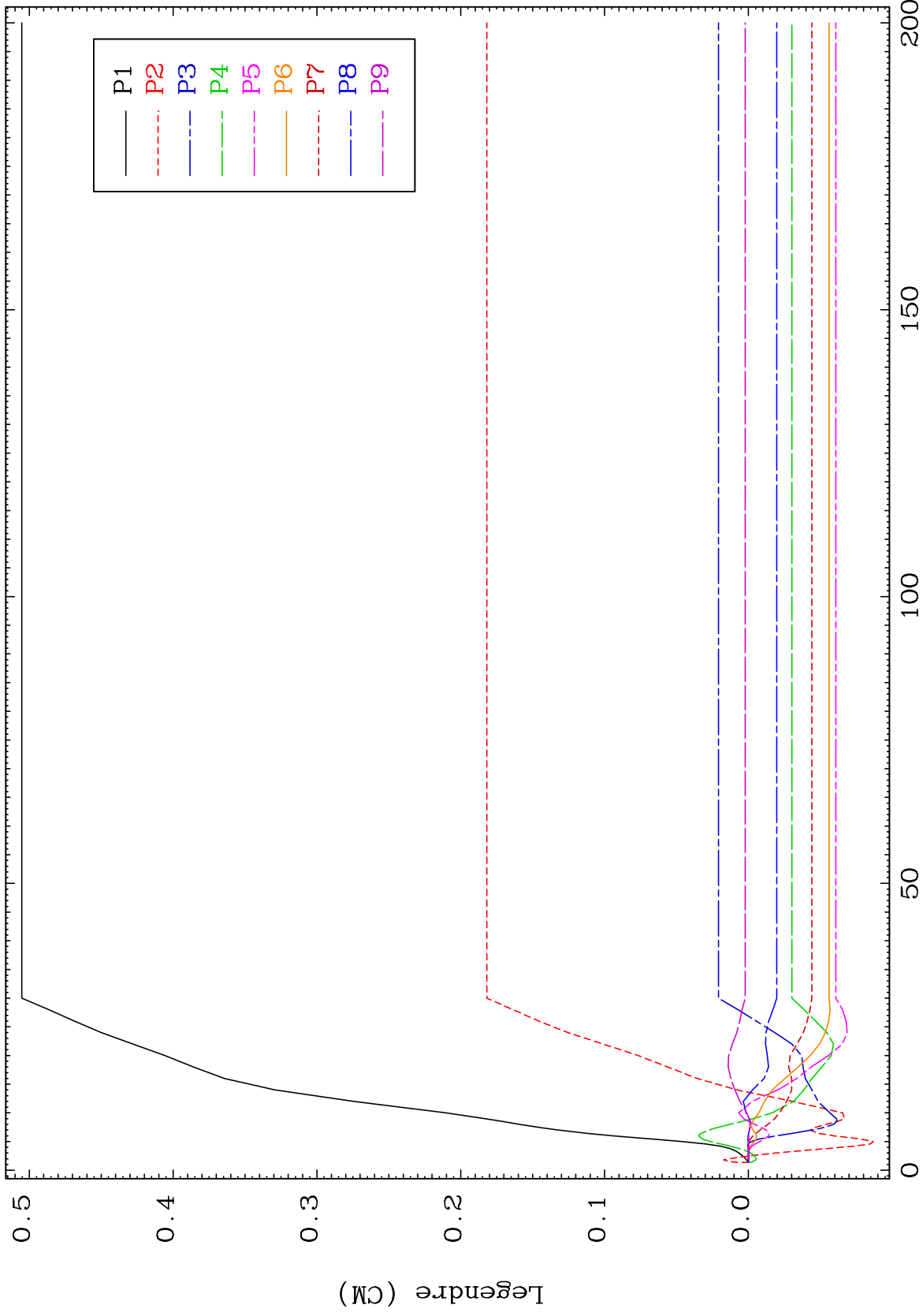
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



67

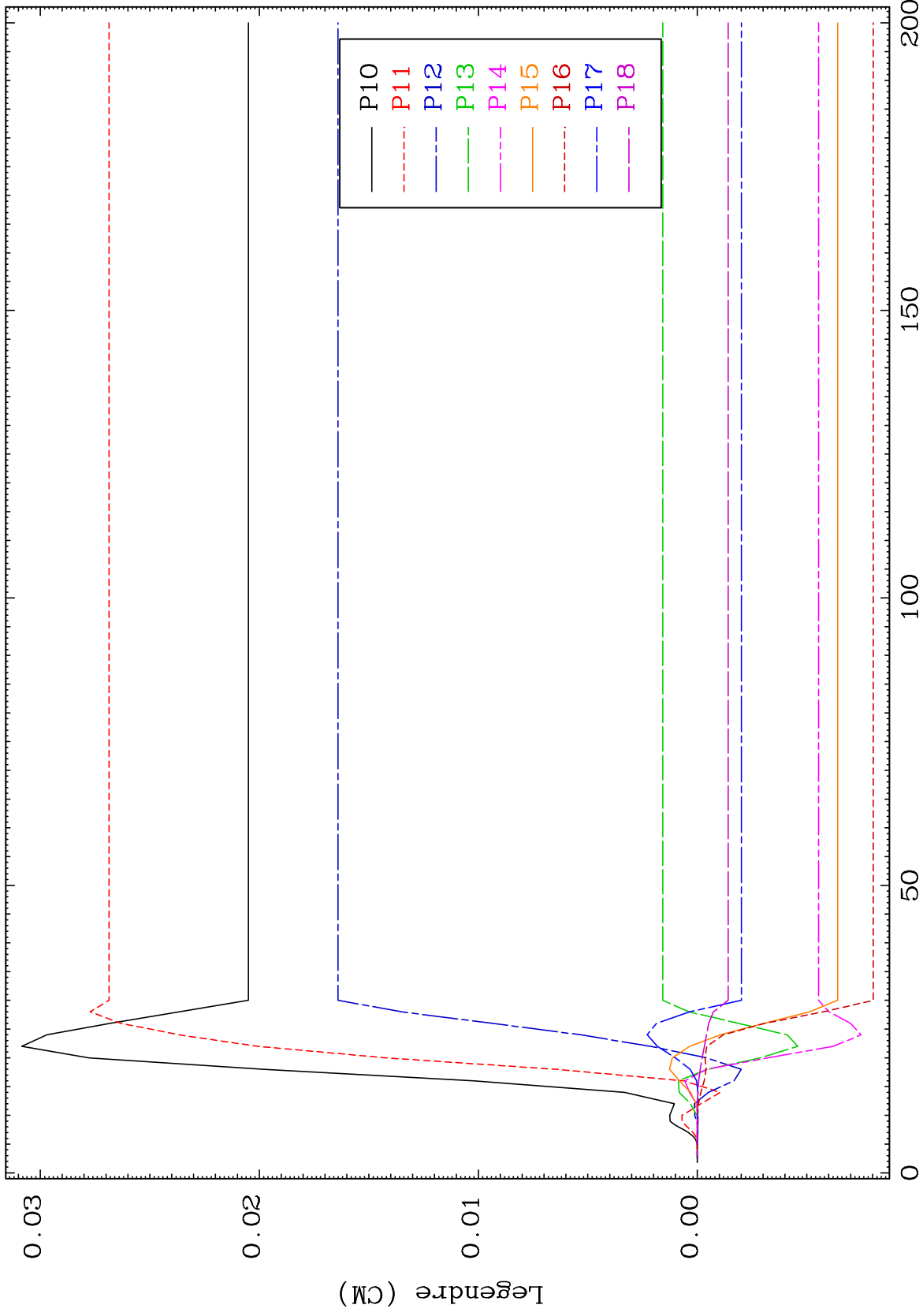
Incident Energy (MeV)

74-W -178

MAT 7419

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

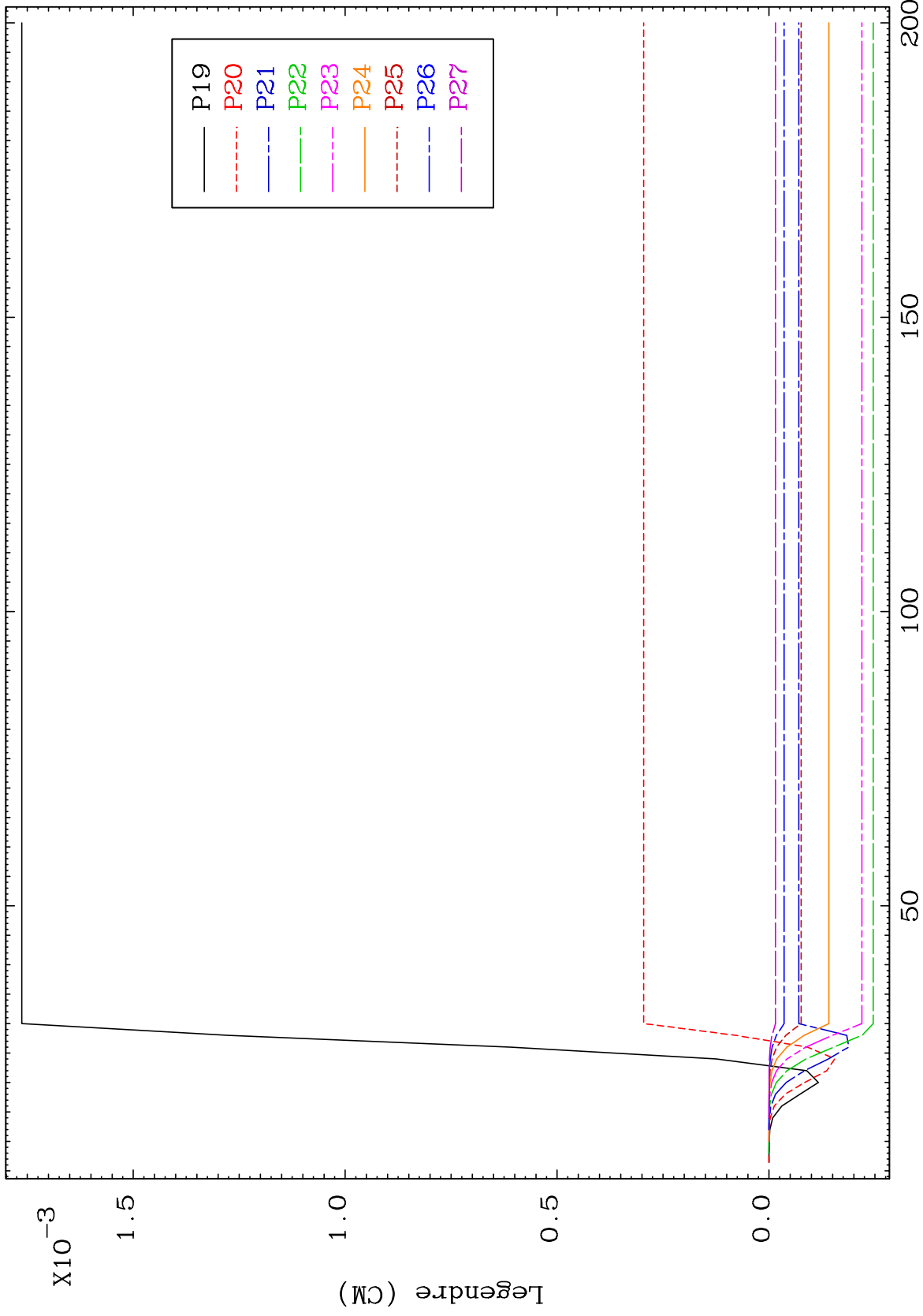
74-W -178



68

Incident Energy (MeV)

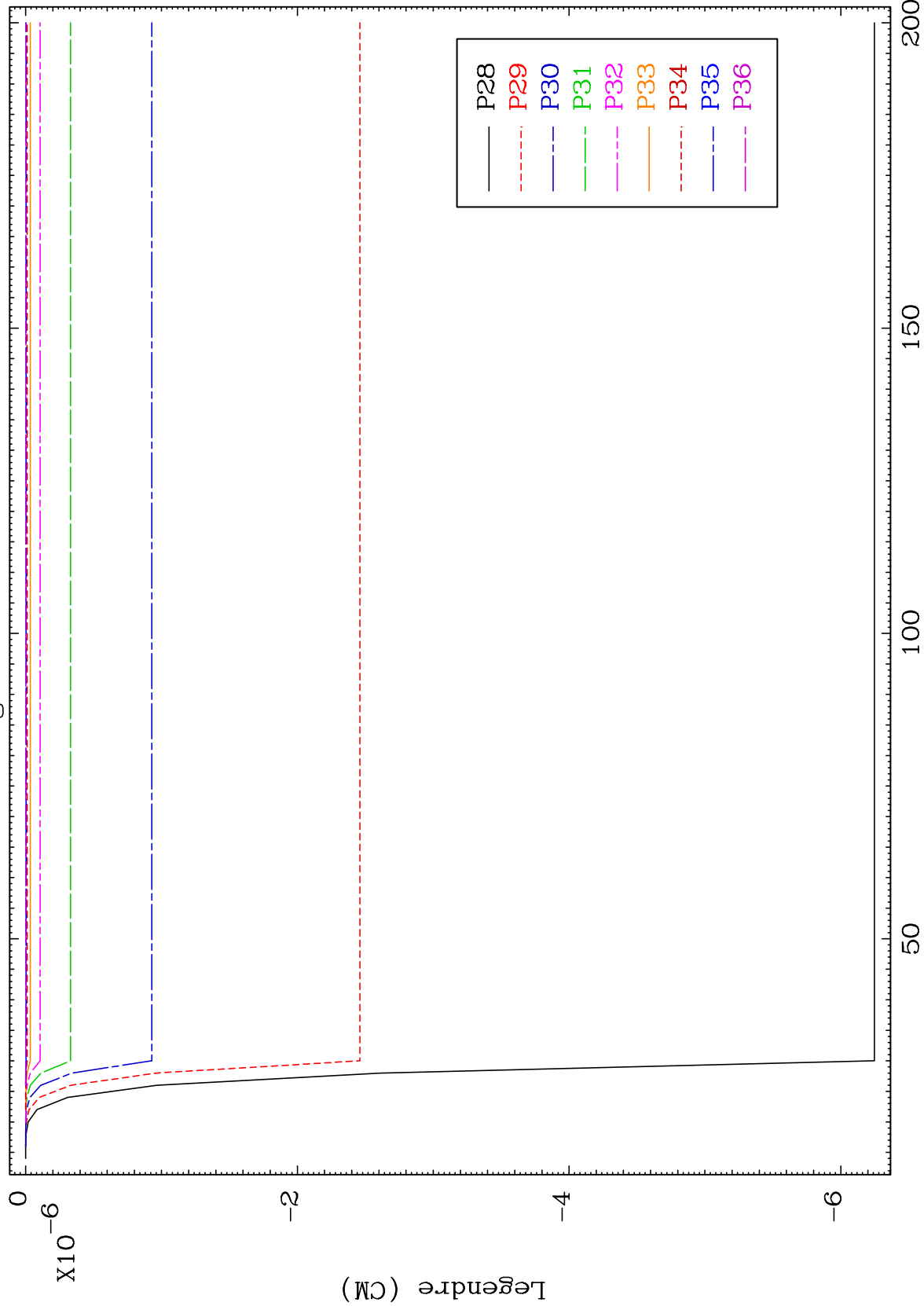
74-W -178



MAT 7419

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

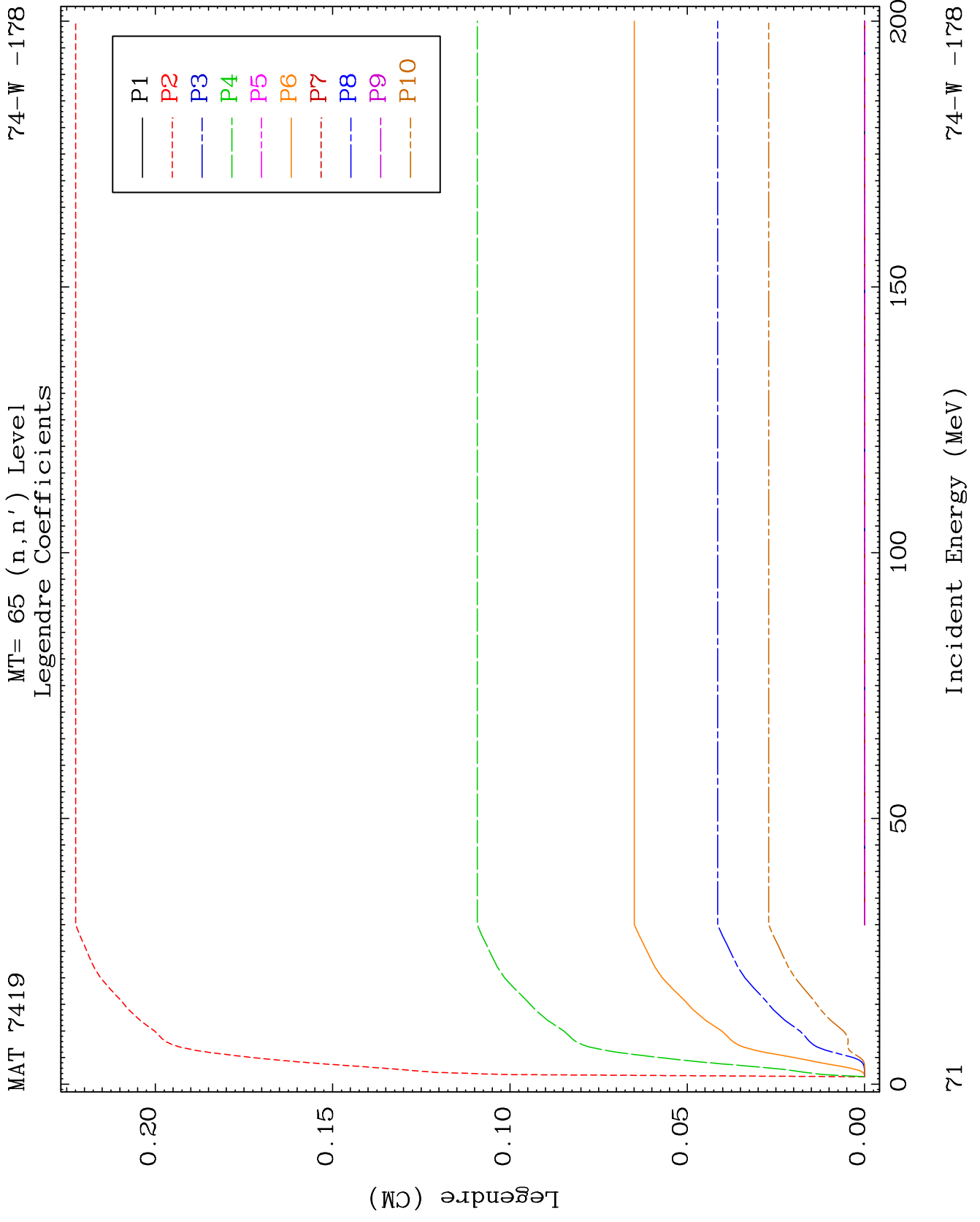
74-W -178



70

Incident Energy (MeV)

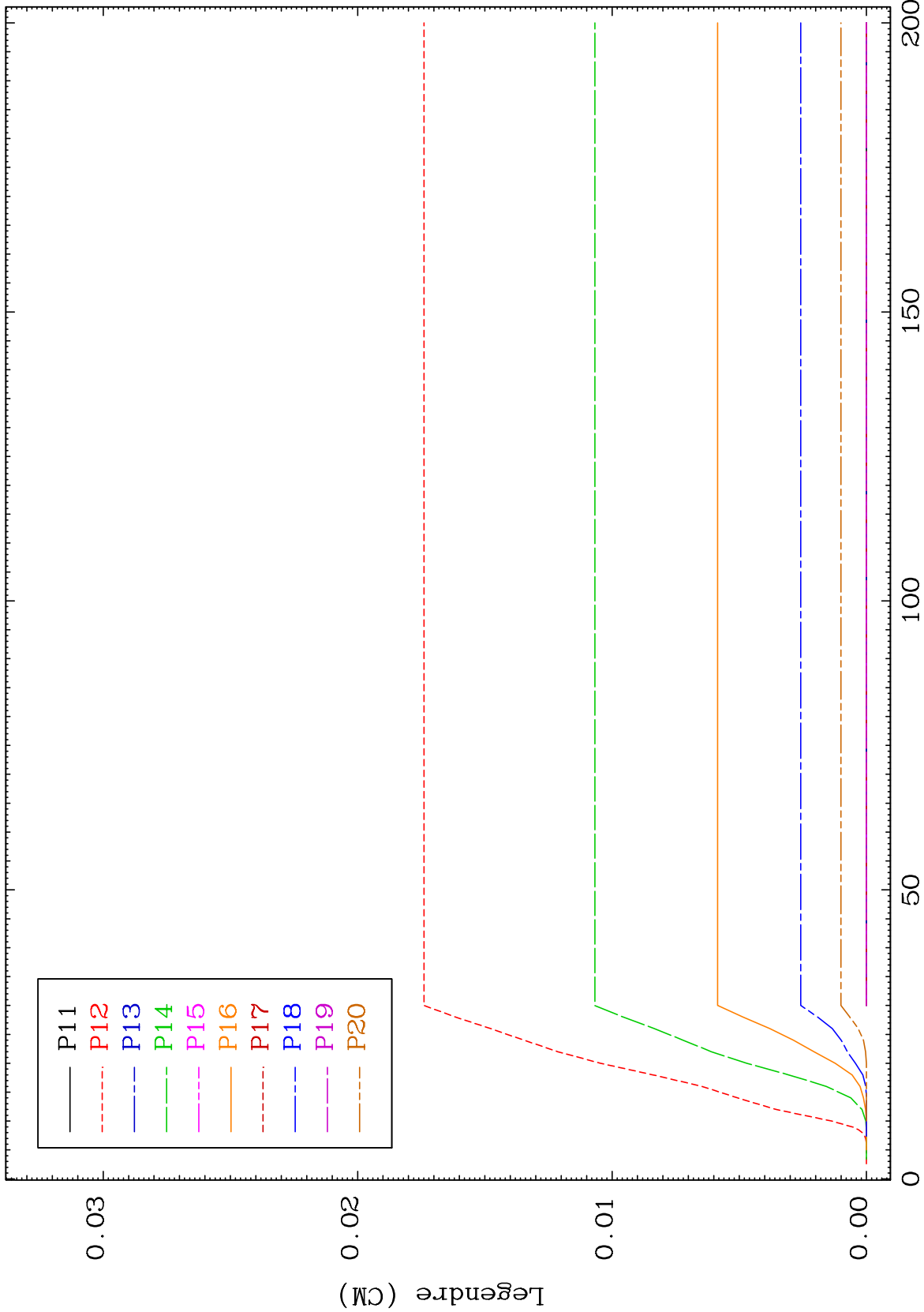
74-W -178



MAT 7419

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

74-W -178



72

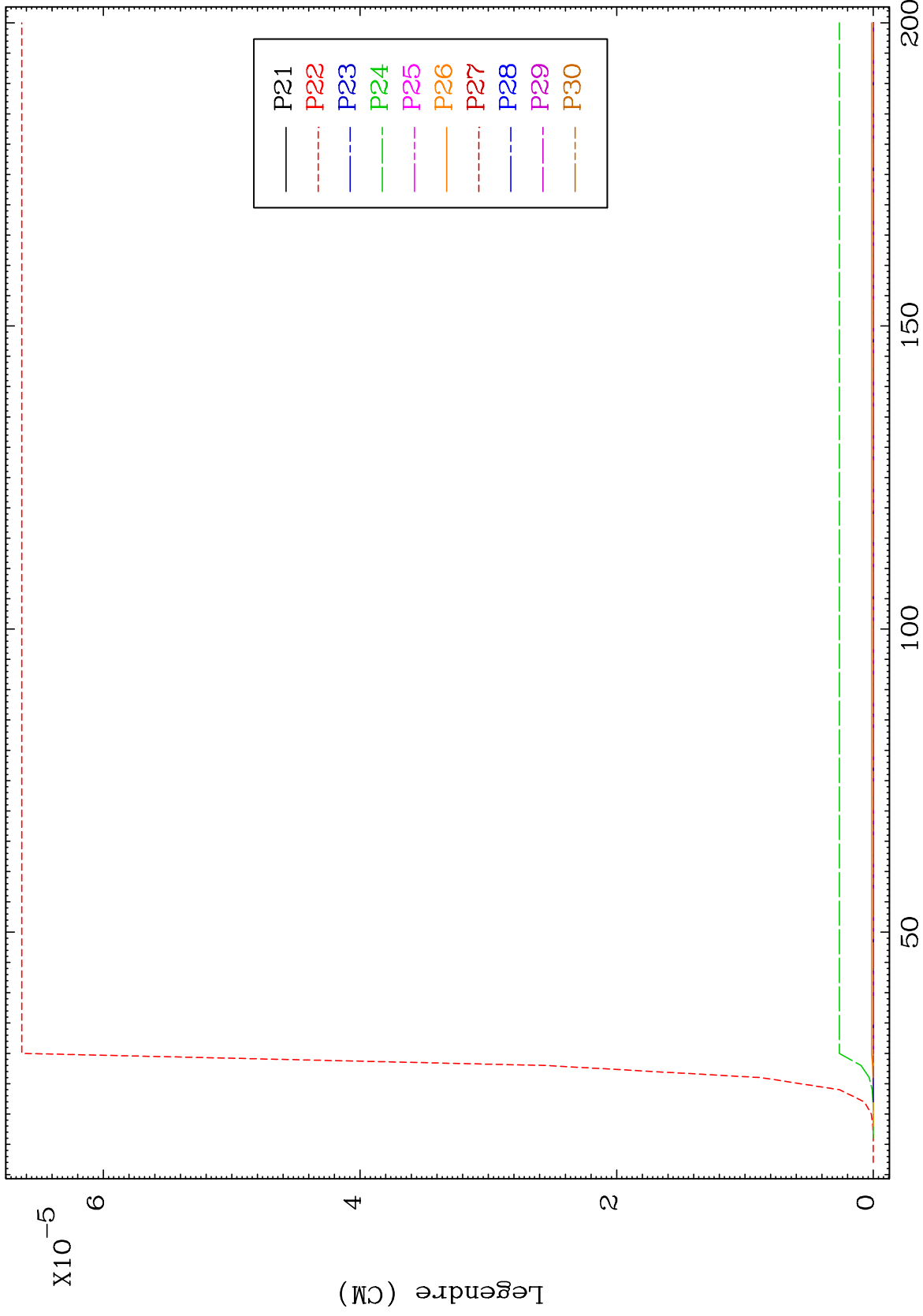
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



73

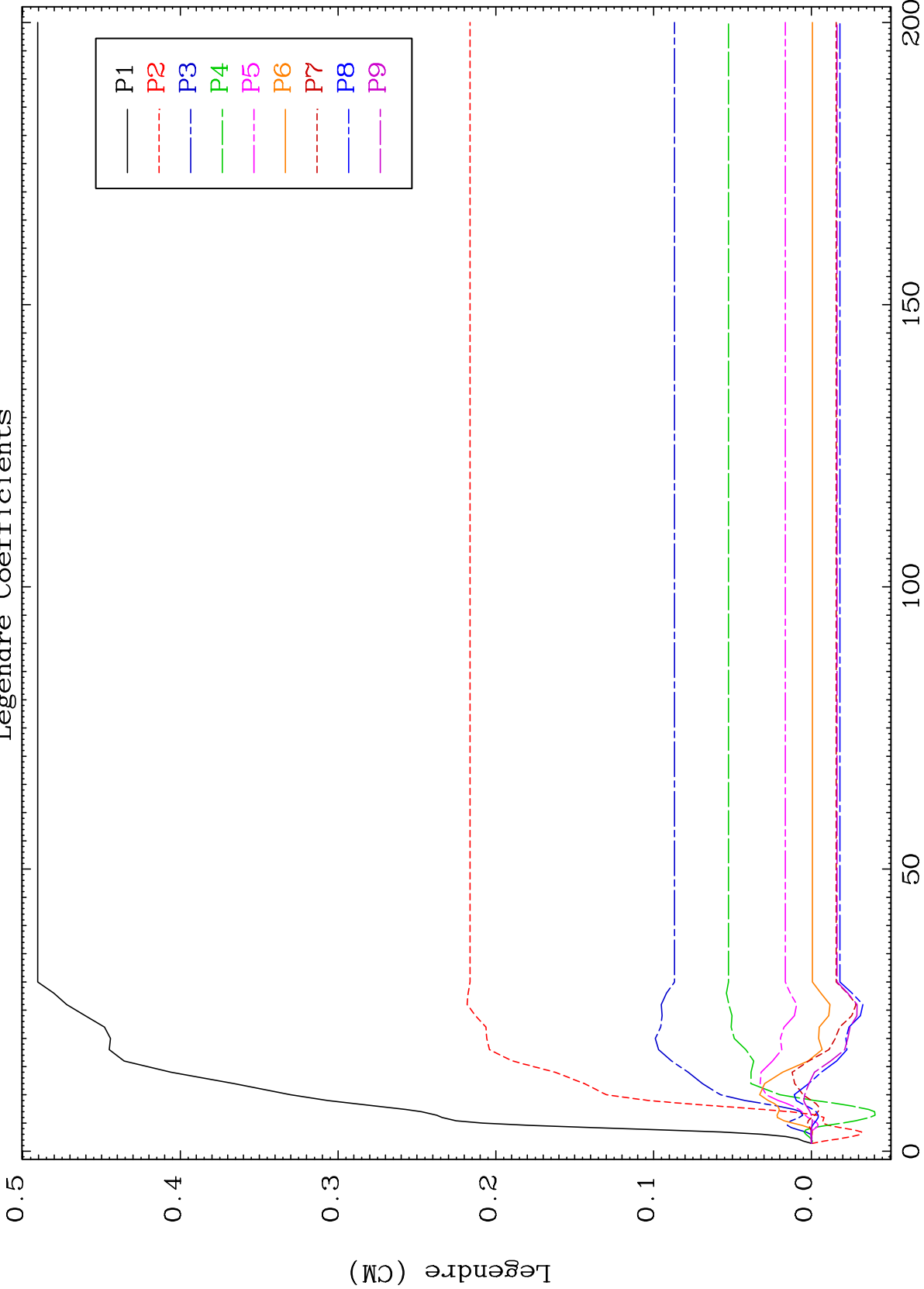
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



74

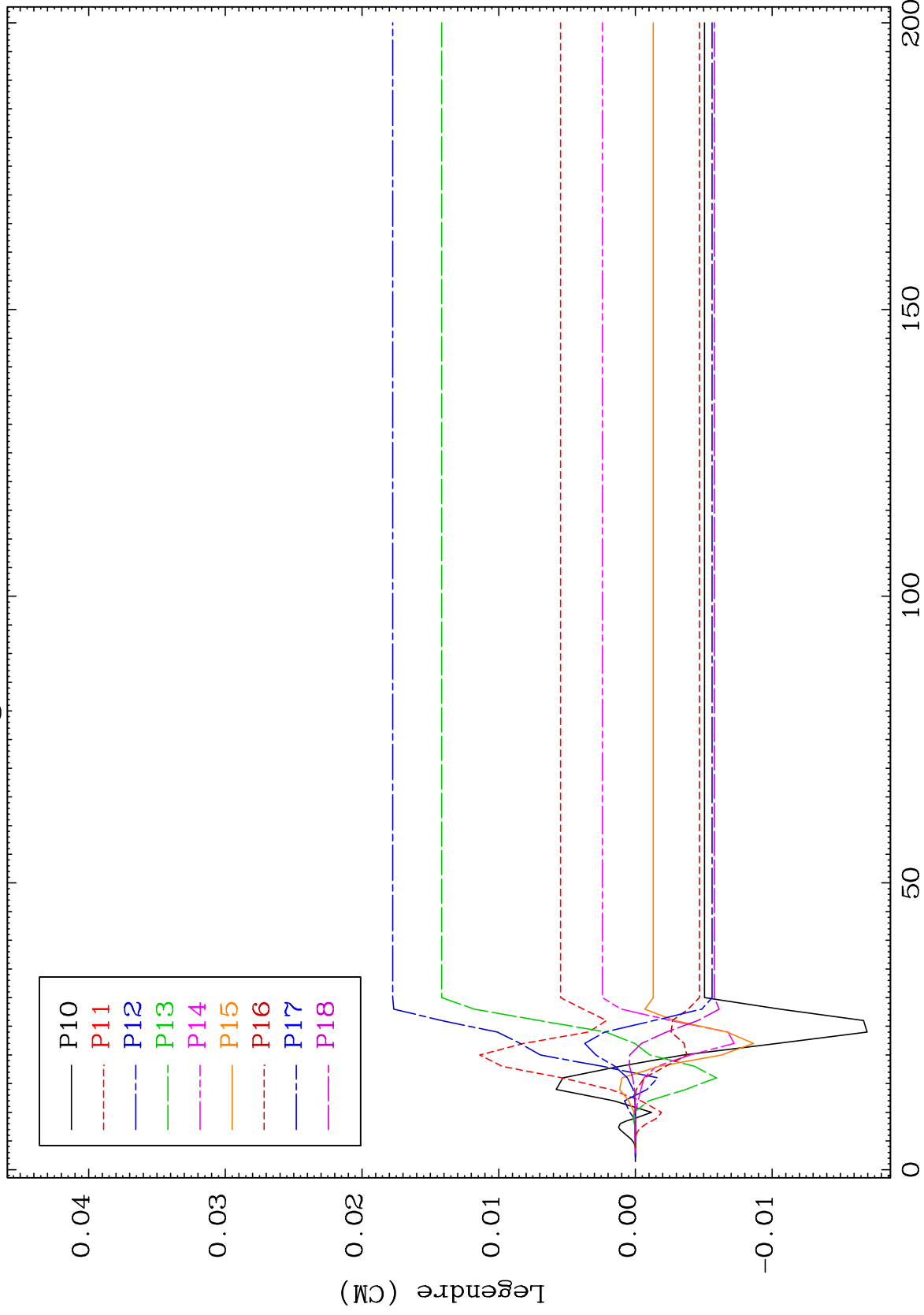
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



75

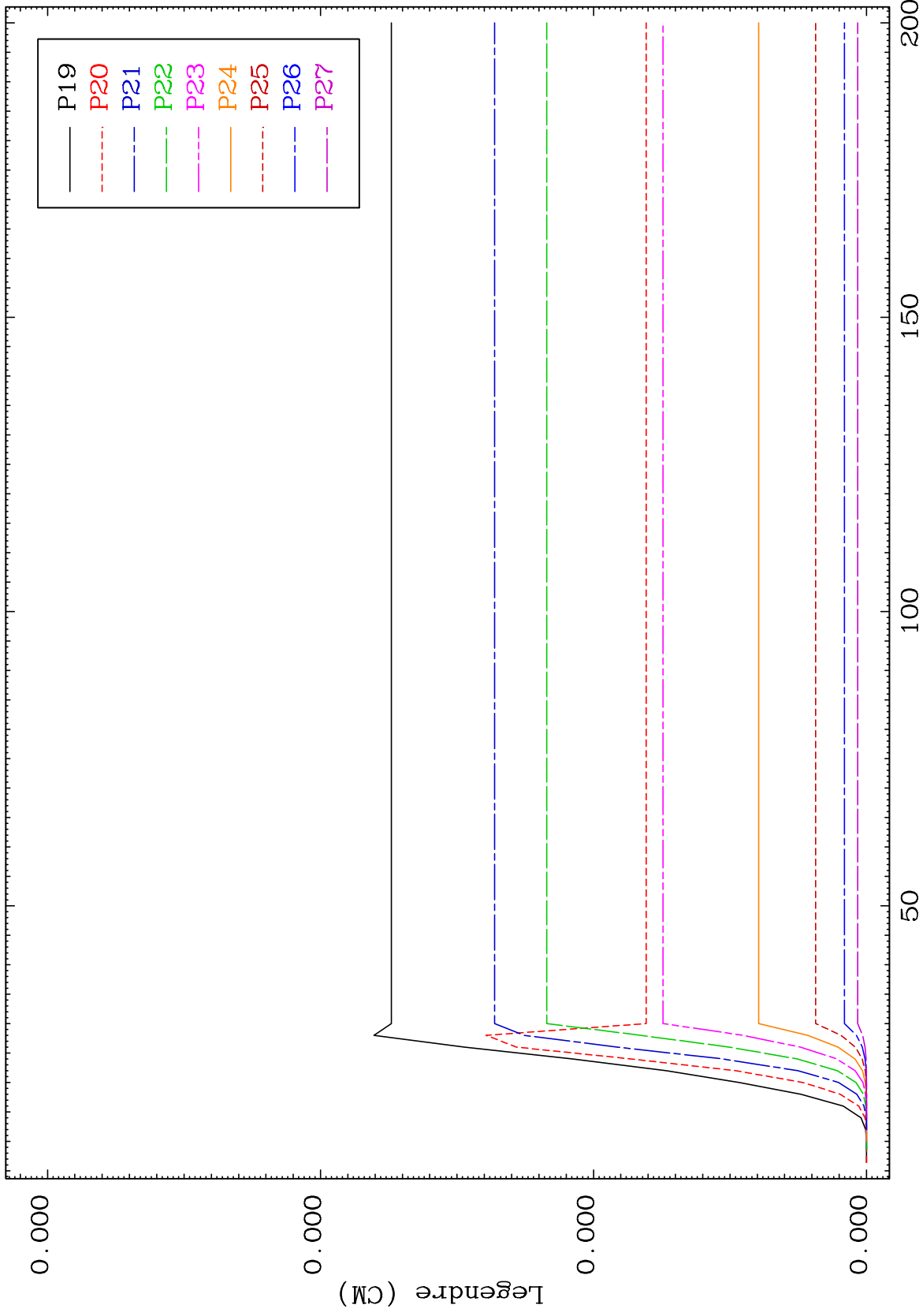
Incident Energy (MeV)

74-W -178

MAT 7419

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

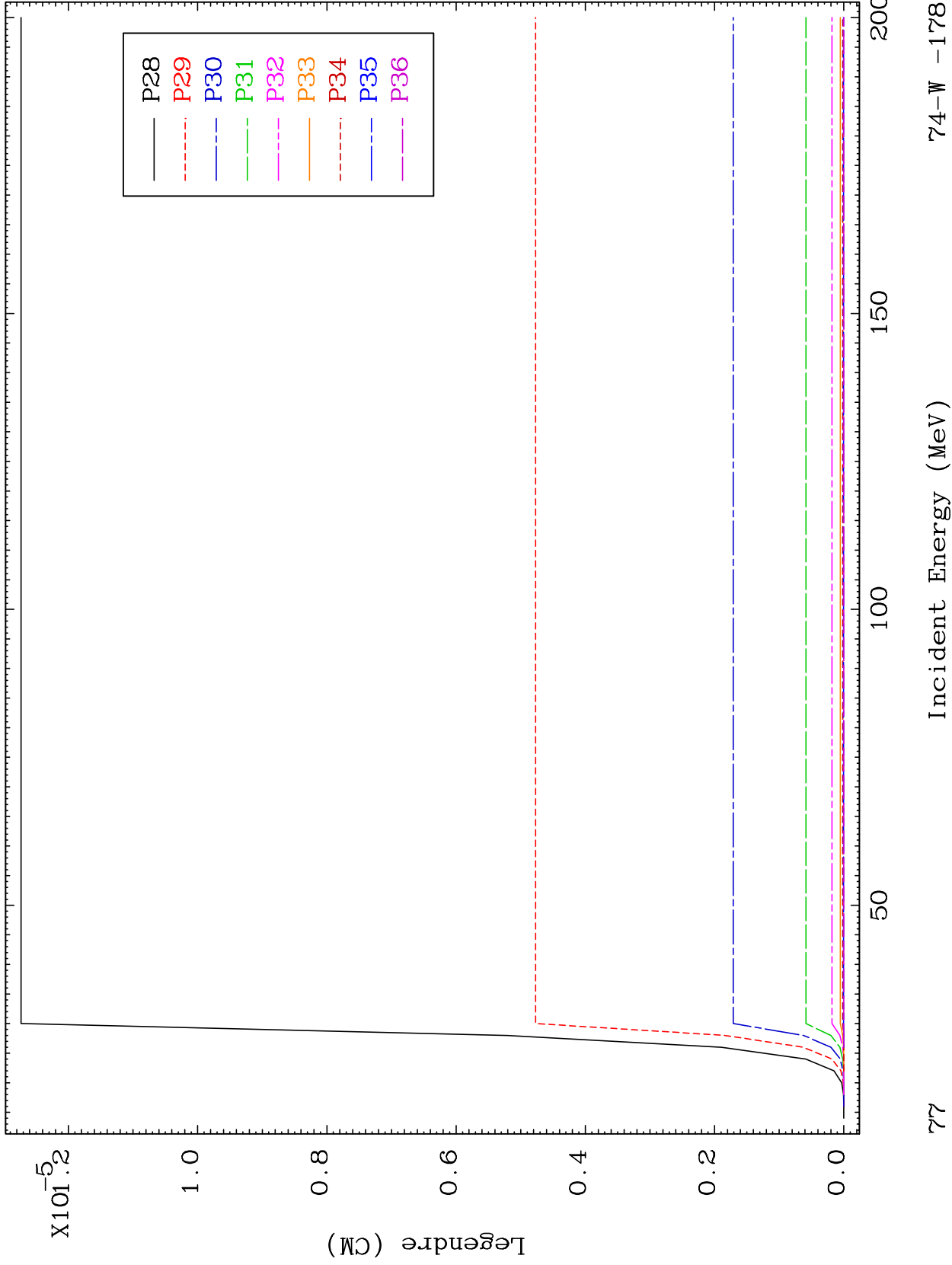
74-W -178



76

Incident Energy (MeV)

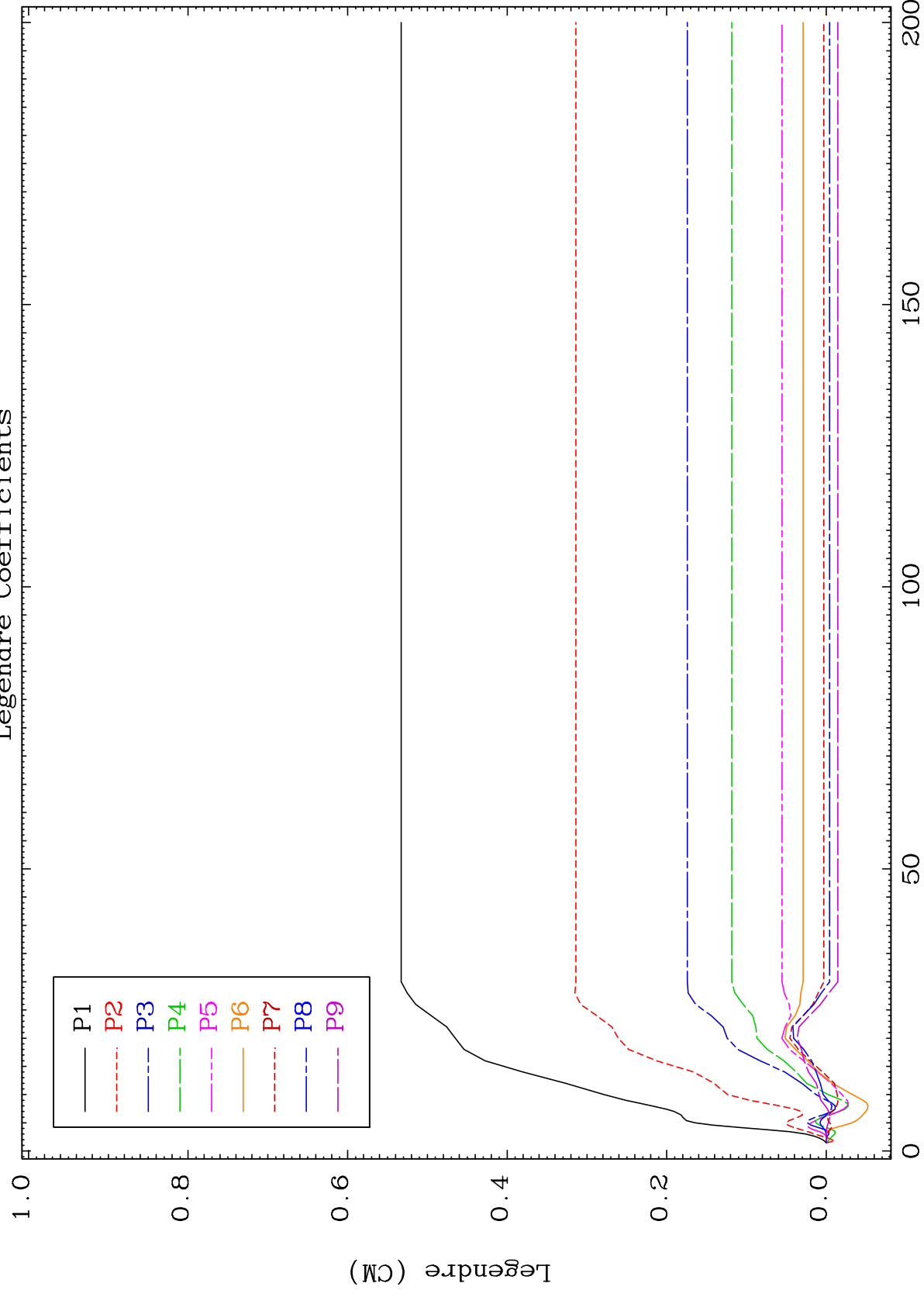
74-W -178



MAT 7419

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

74-W -178



78

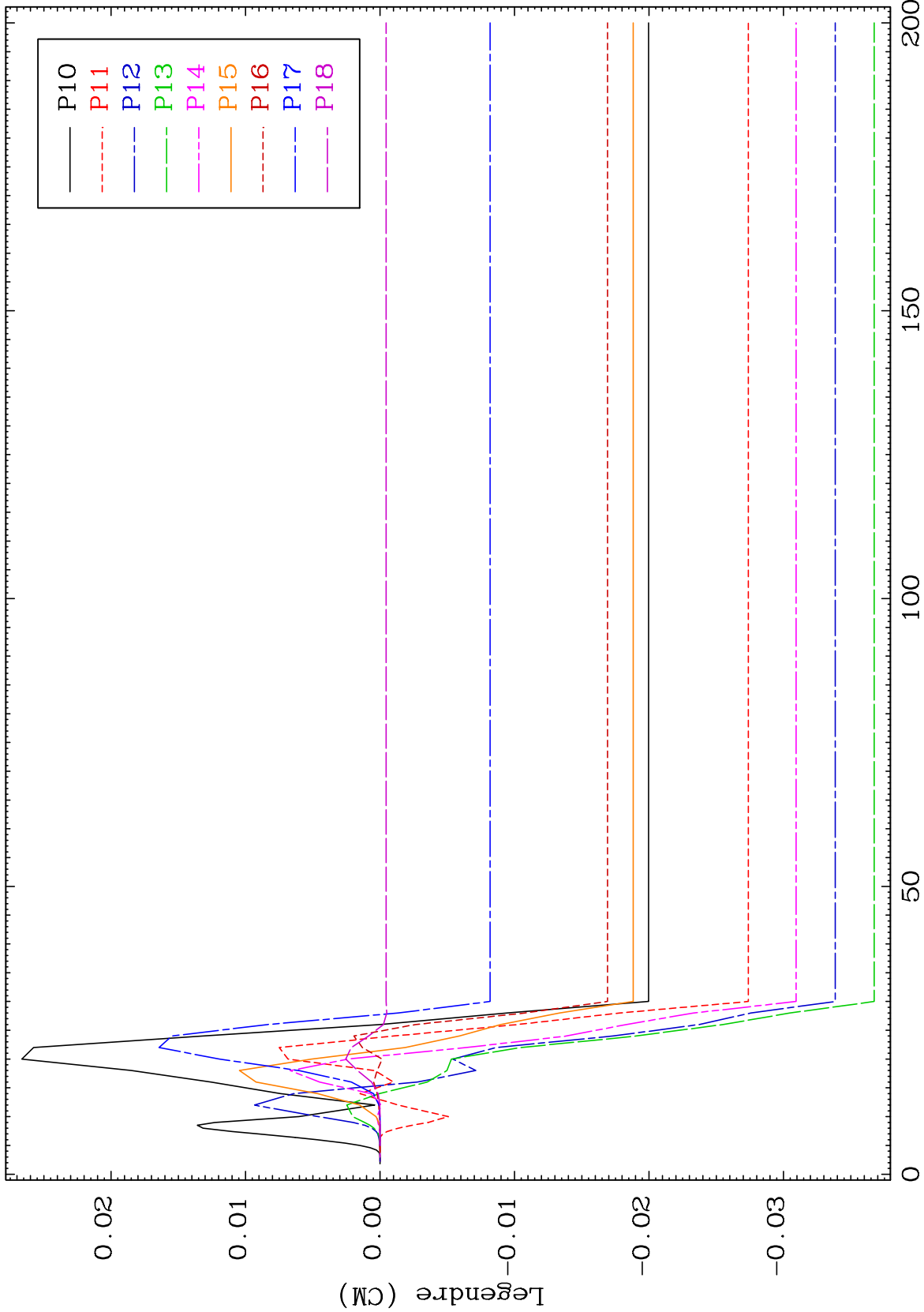
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



79

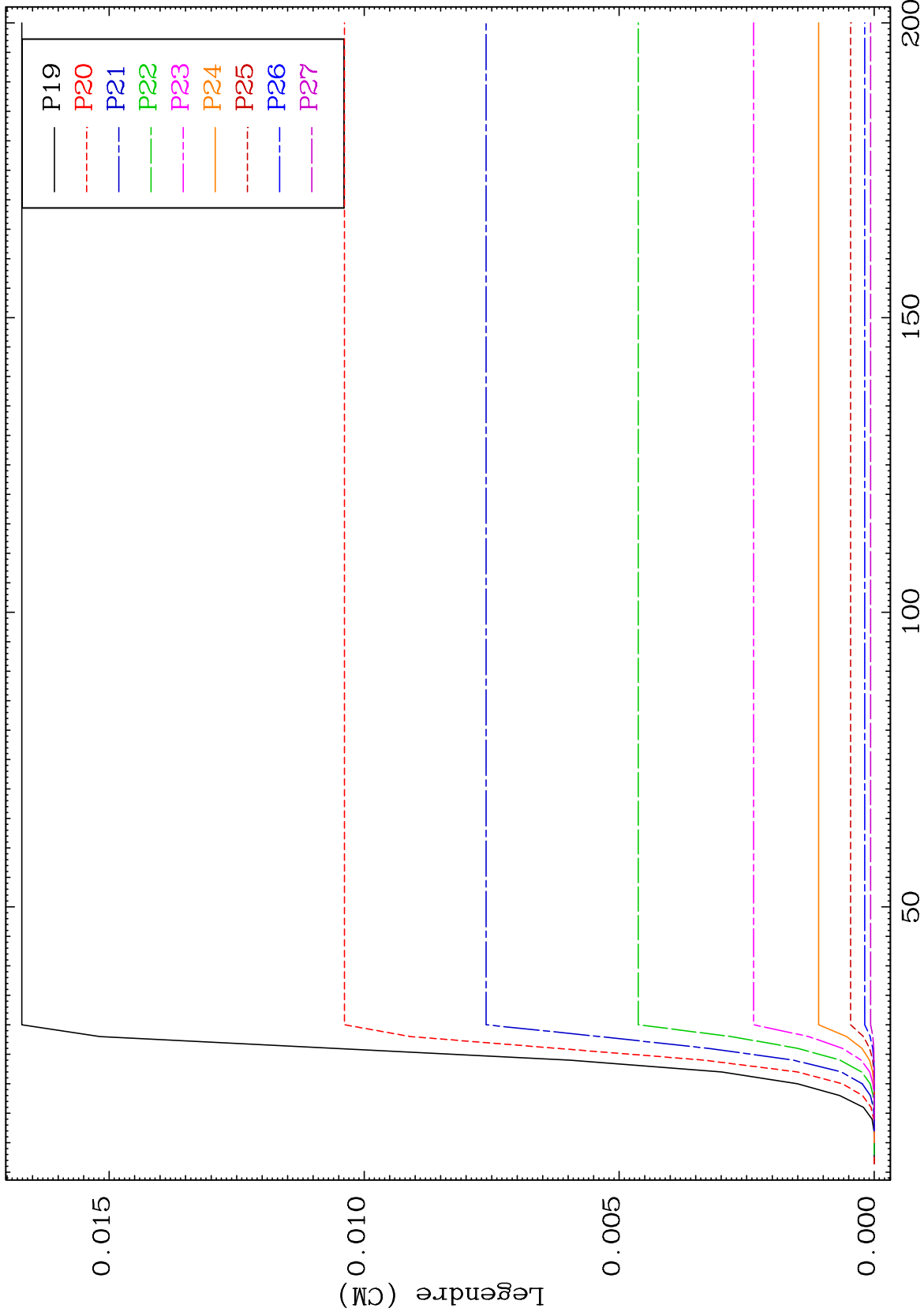
Incident Energy (MeV)

74-W -178

MAT 7419

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

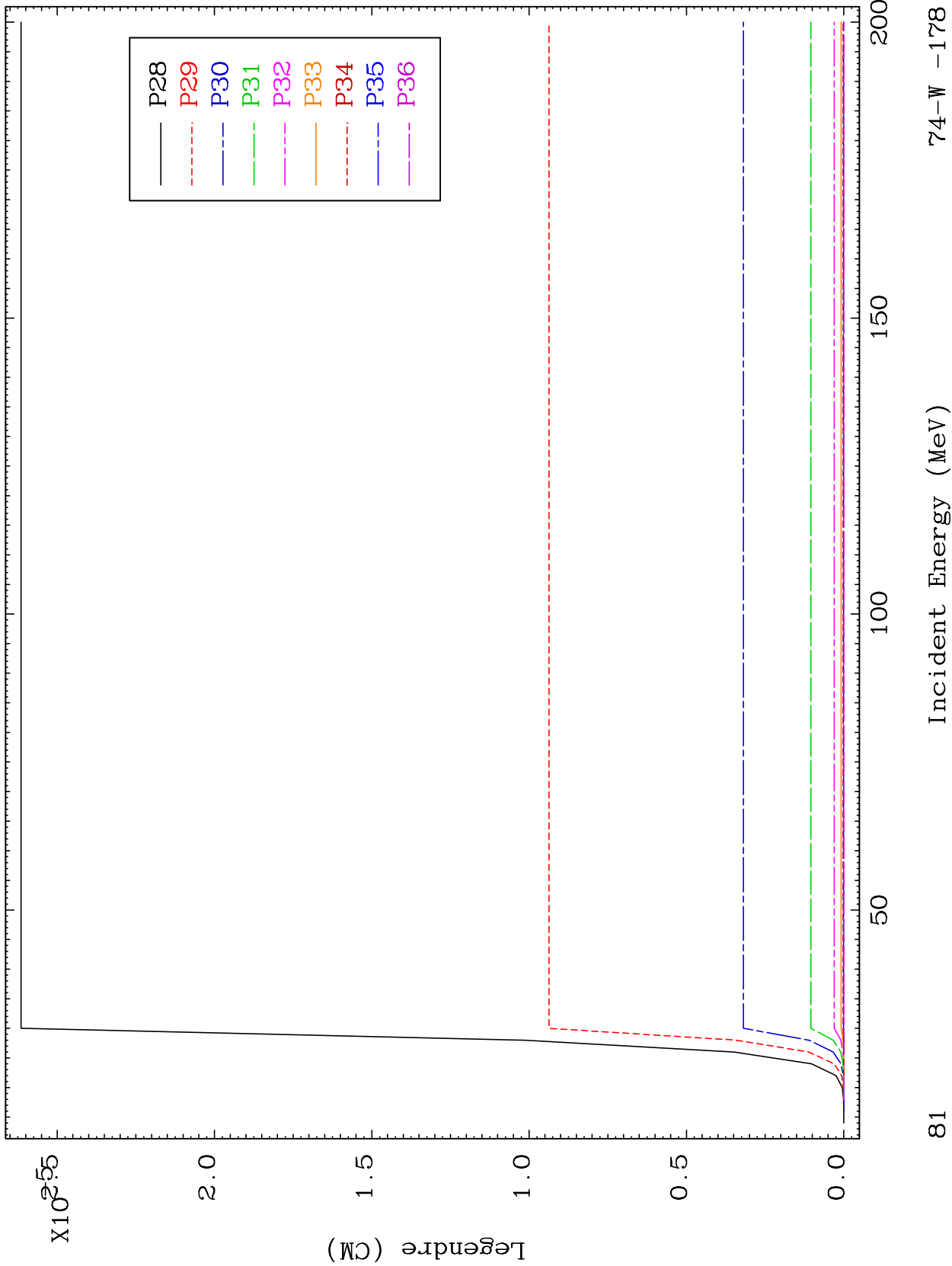
74-W -178



80

Incident Energy (MeV)

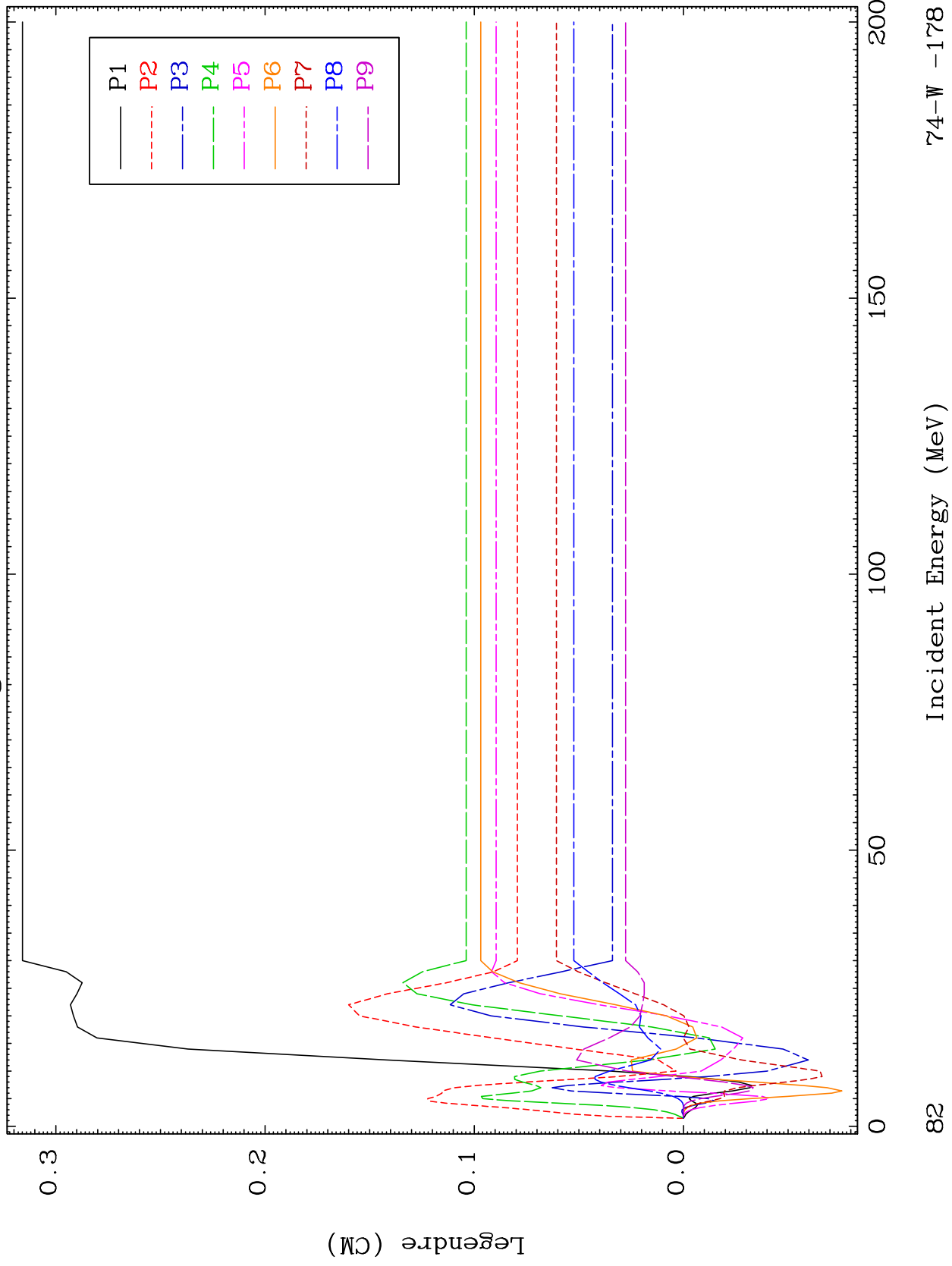
74-W -178



MAT 7419

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

74-W -178



74-W -178

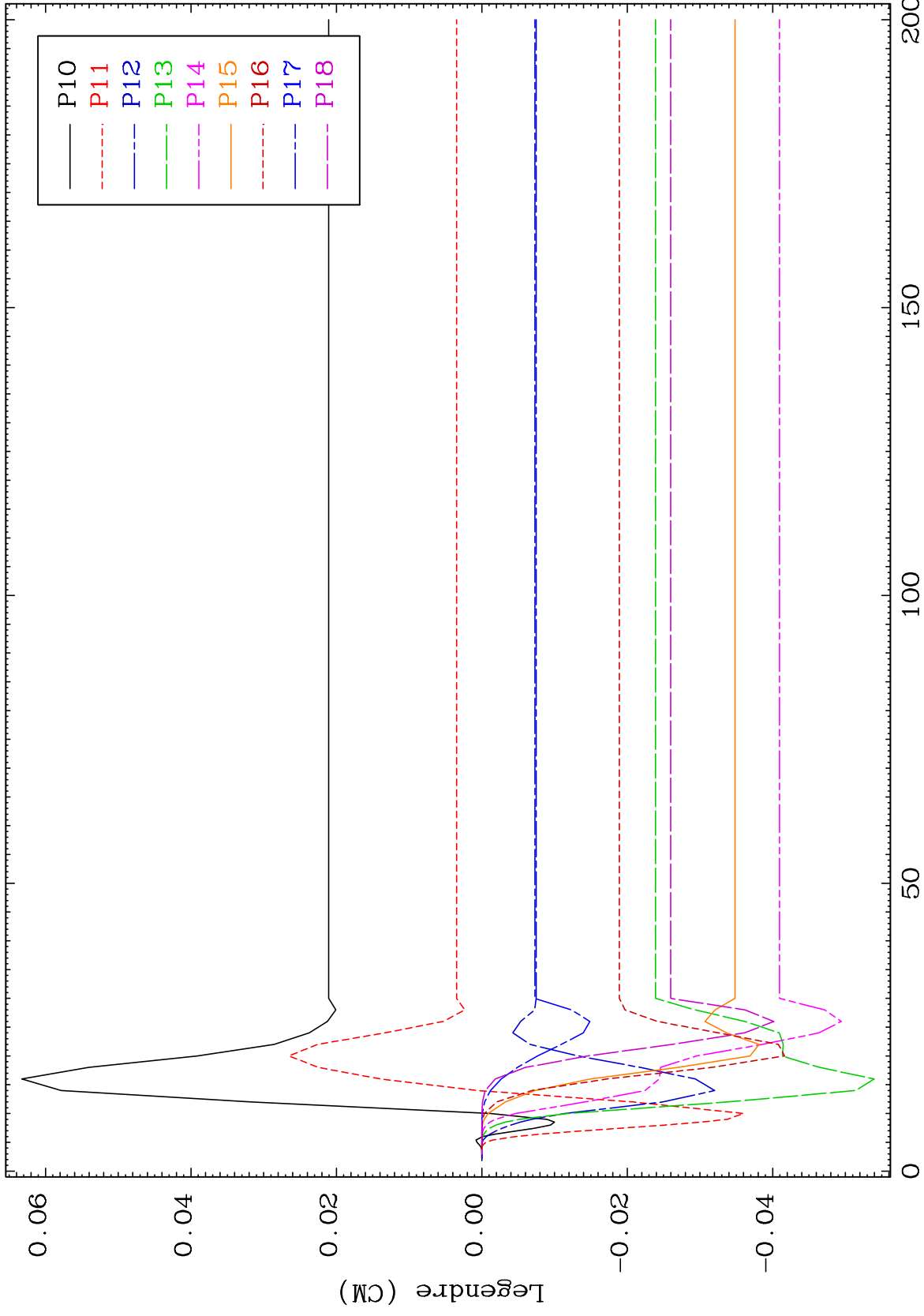
Incident Energy (MeV)

82

MAT 7419

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

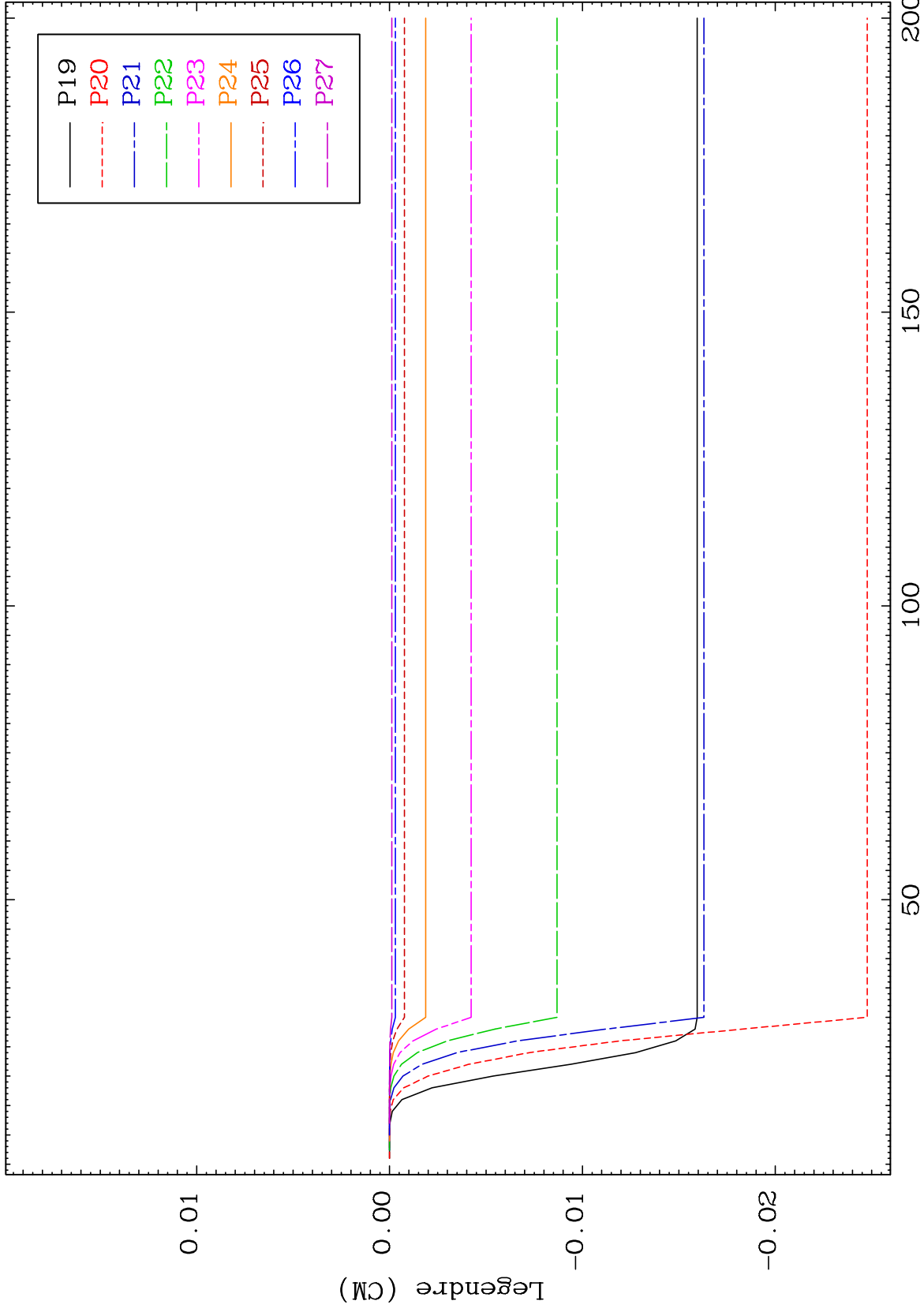
74-W -178

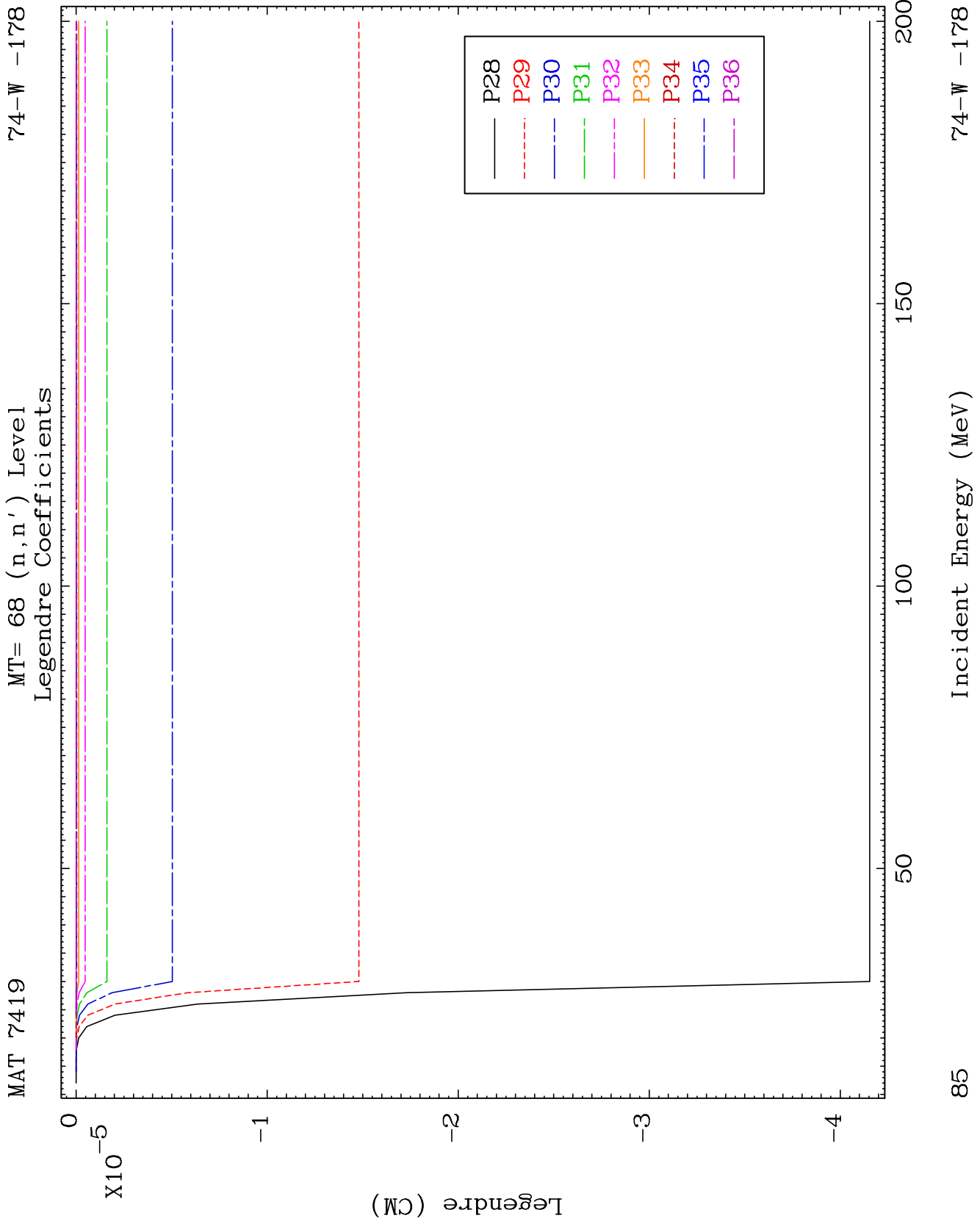


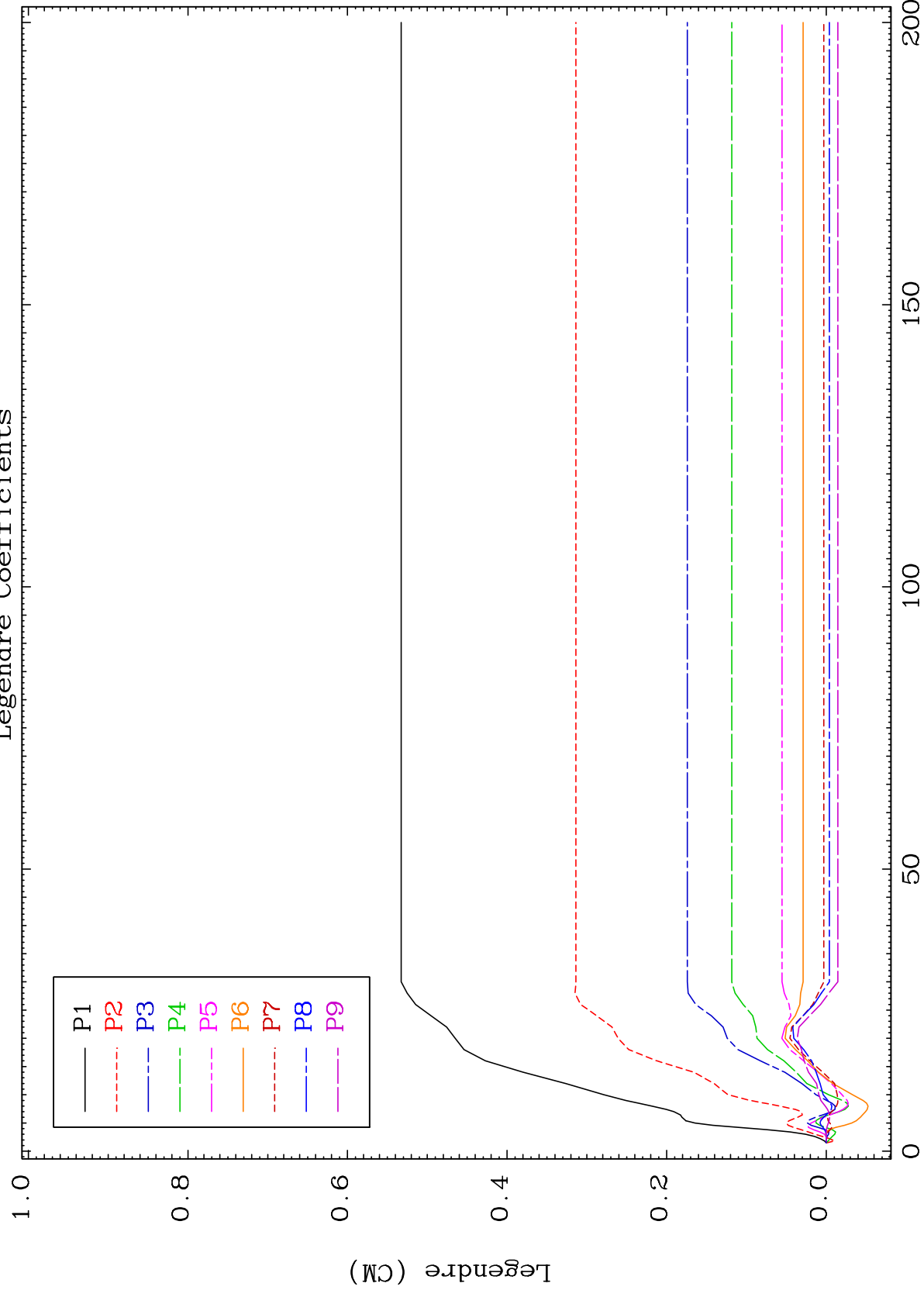
83

Incident Energy (MeV)

74-W -178



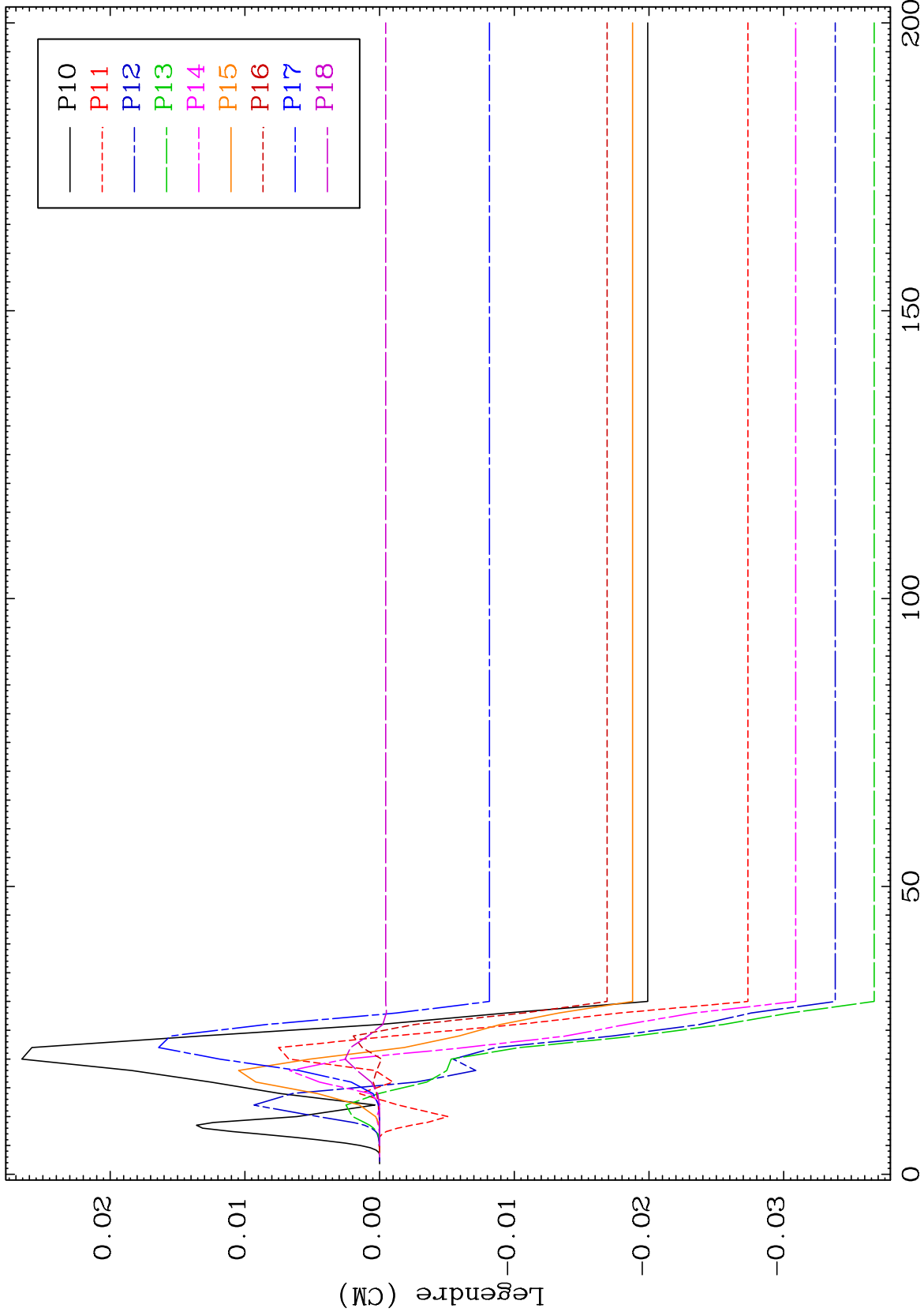




MAT 7419

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

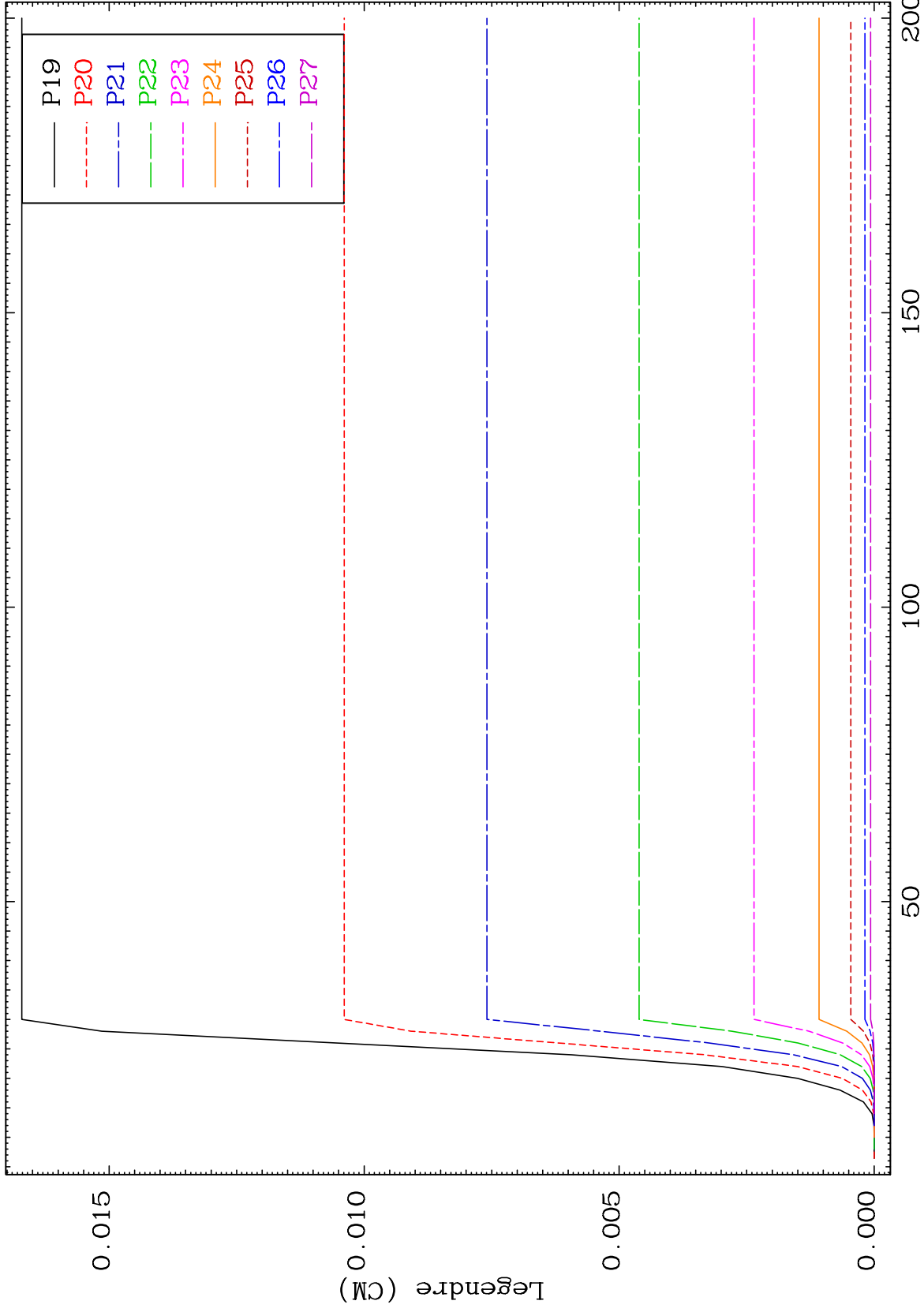
74-W -178

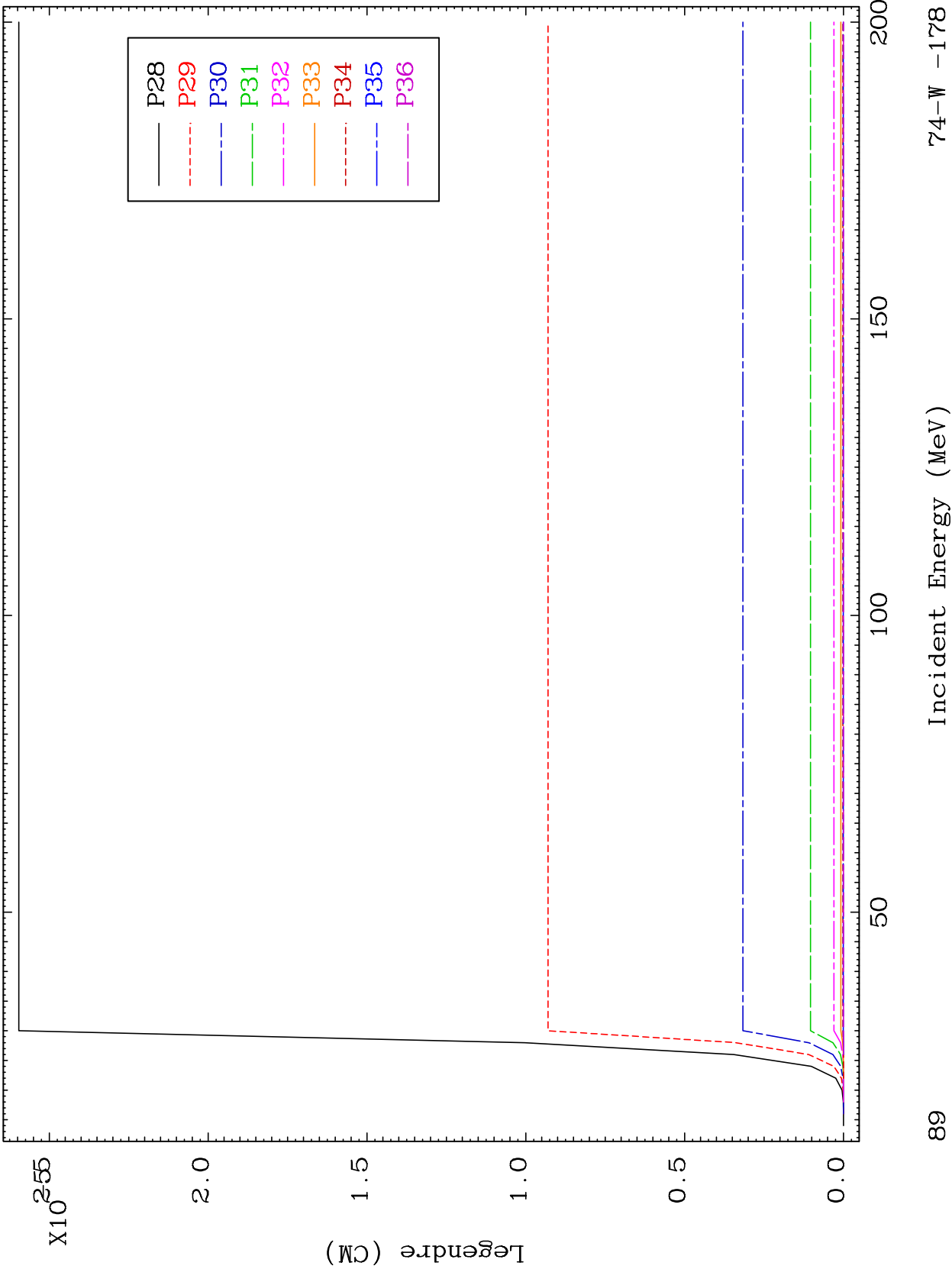


87

Incident Energy (MeV)

74-W -178

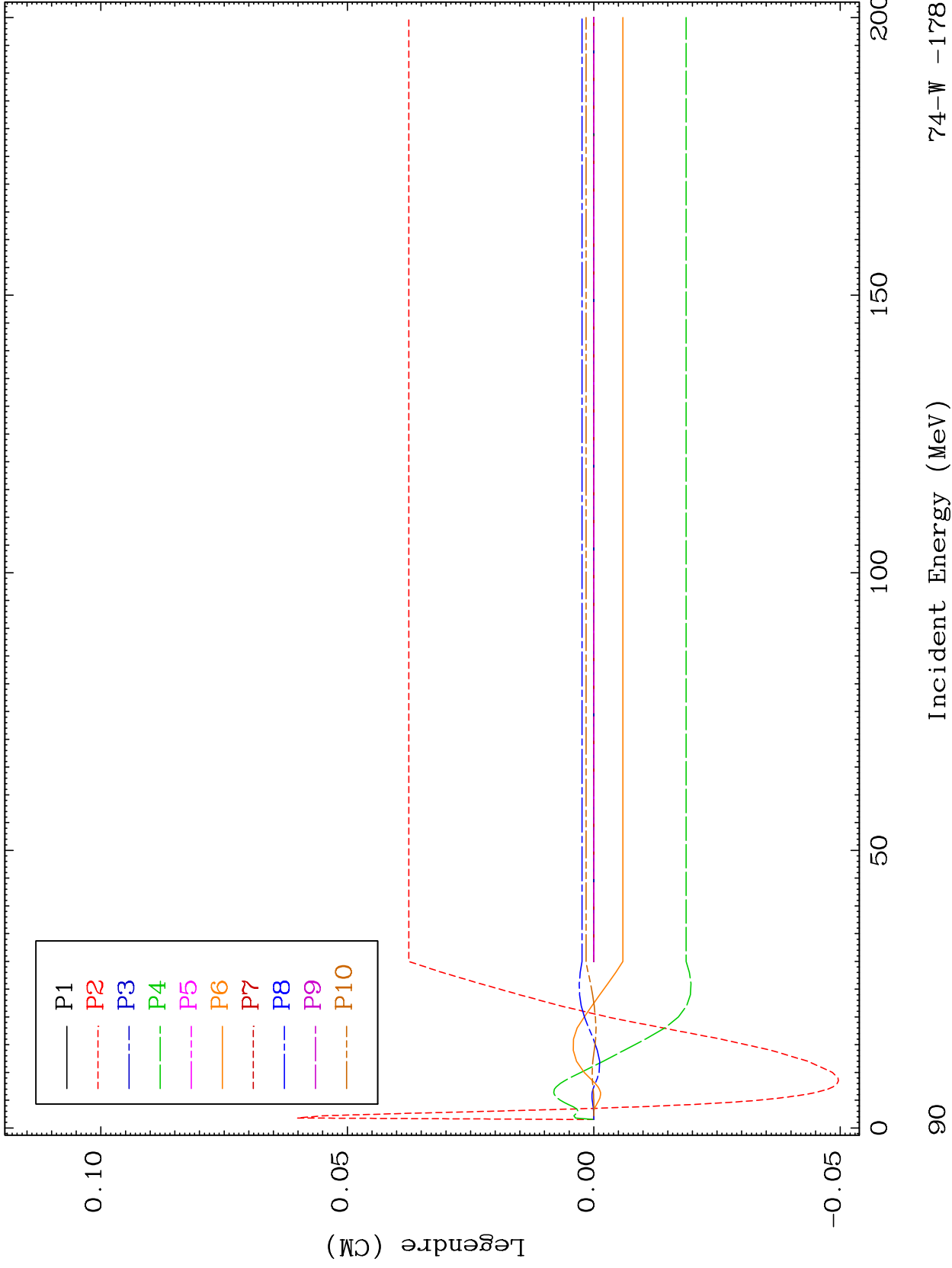




MAT 7419

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

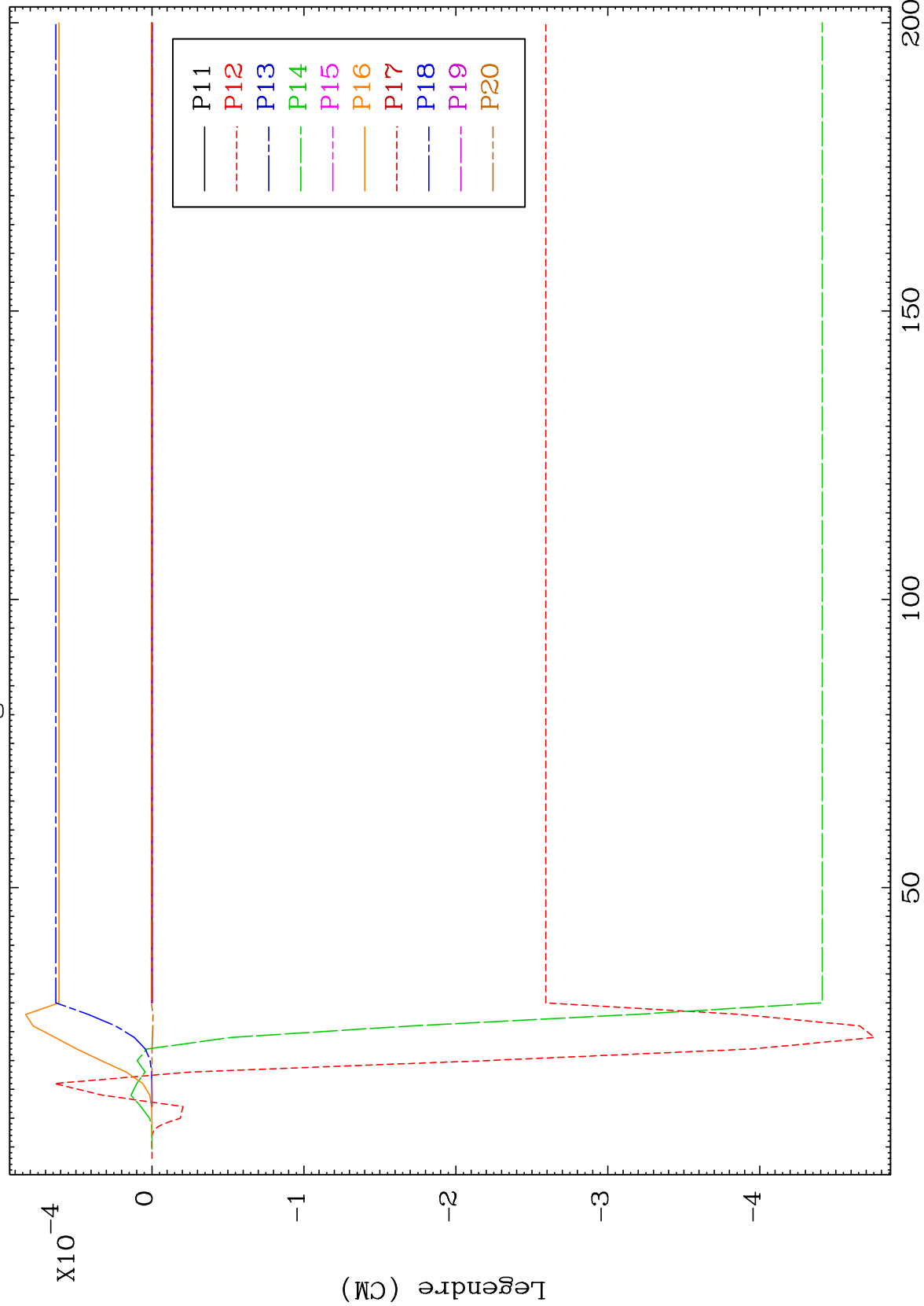
74-W -178



MAT 7419

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

74-W -178



91

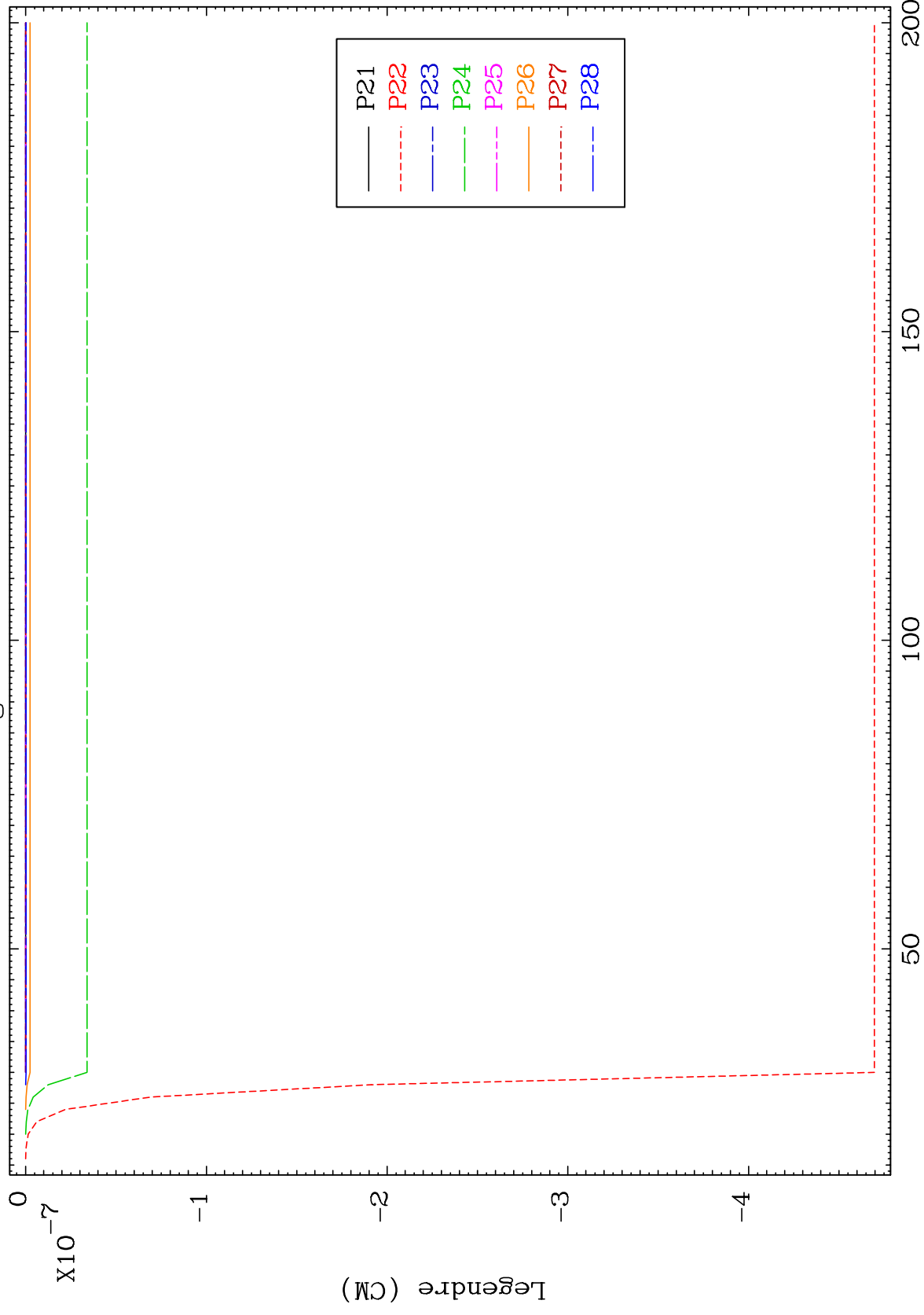
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



92

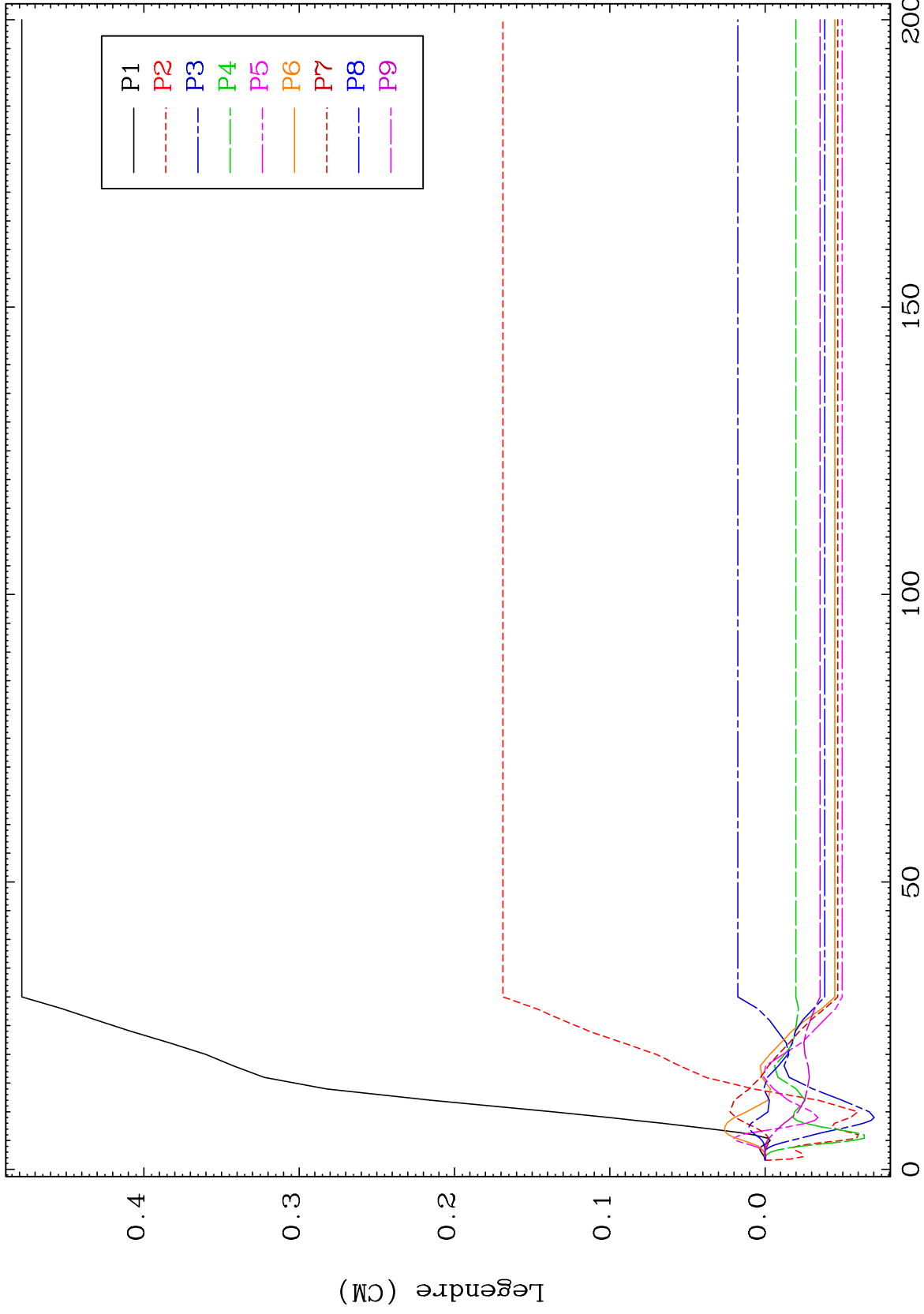
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



93

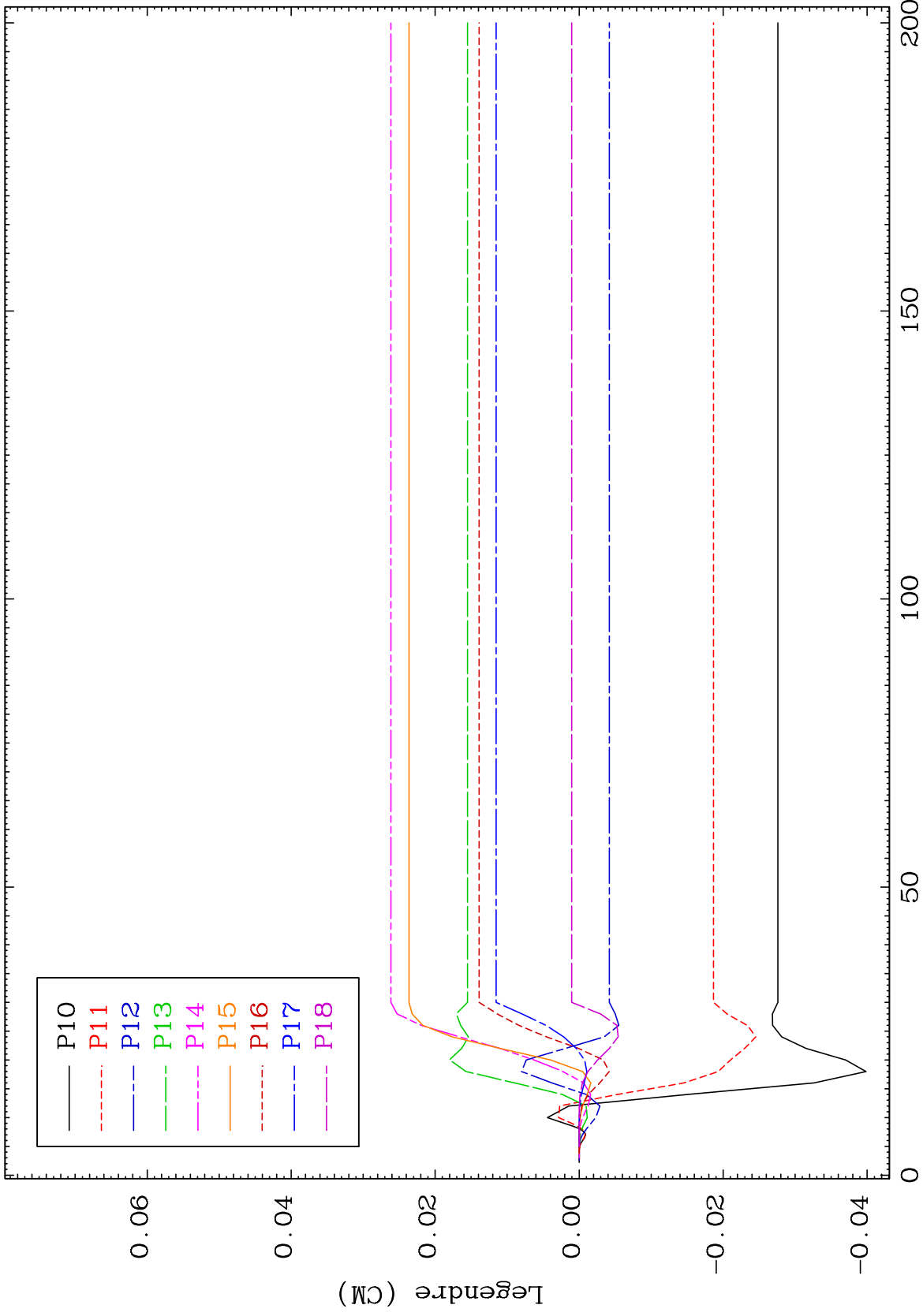
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



94

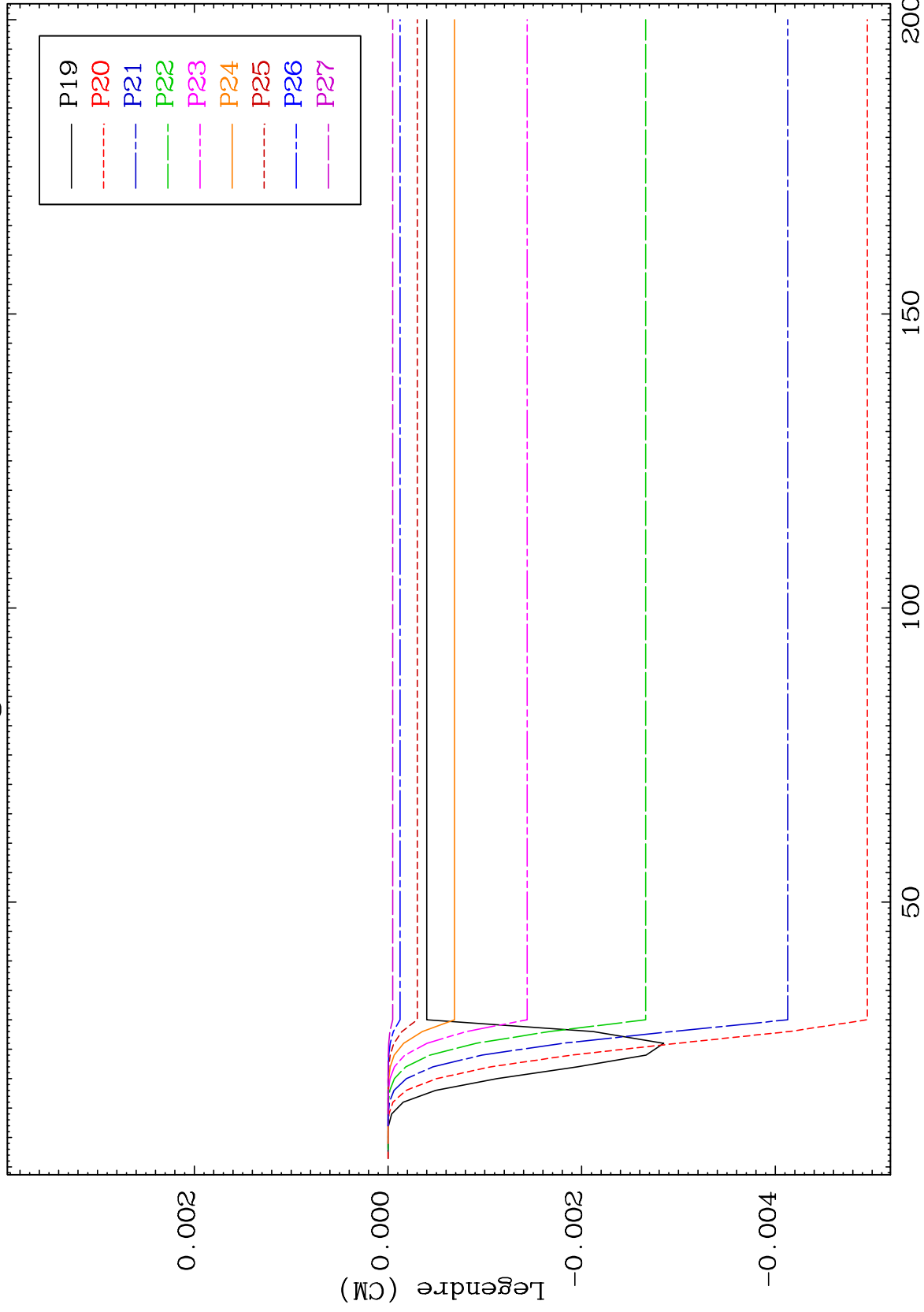
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



95

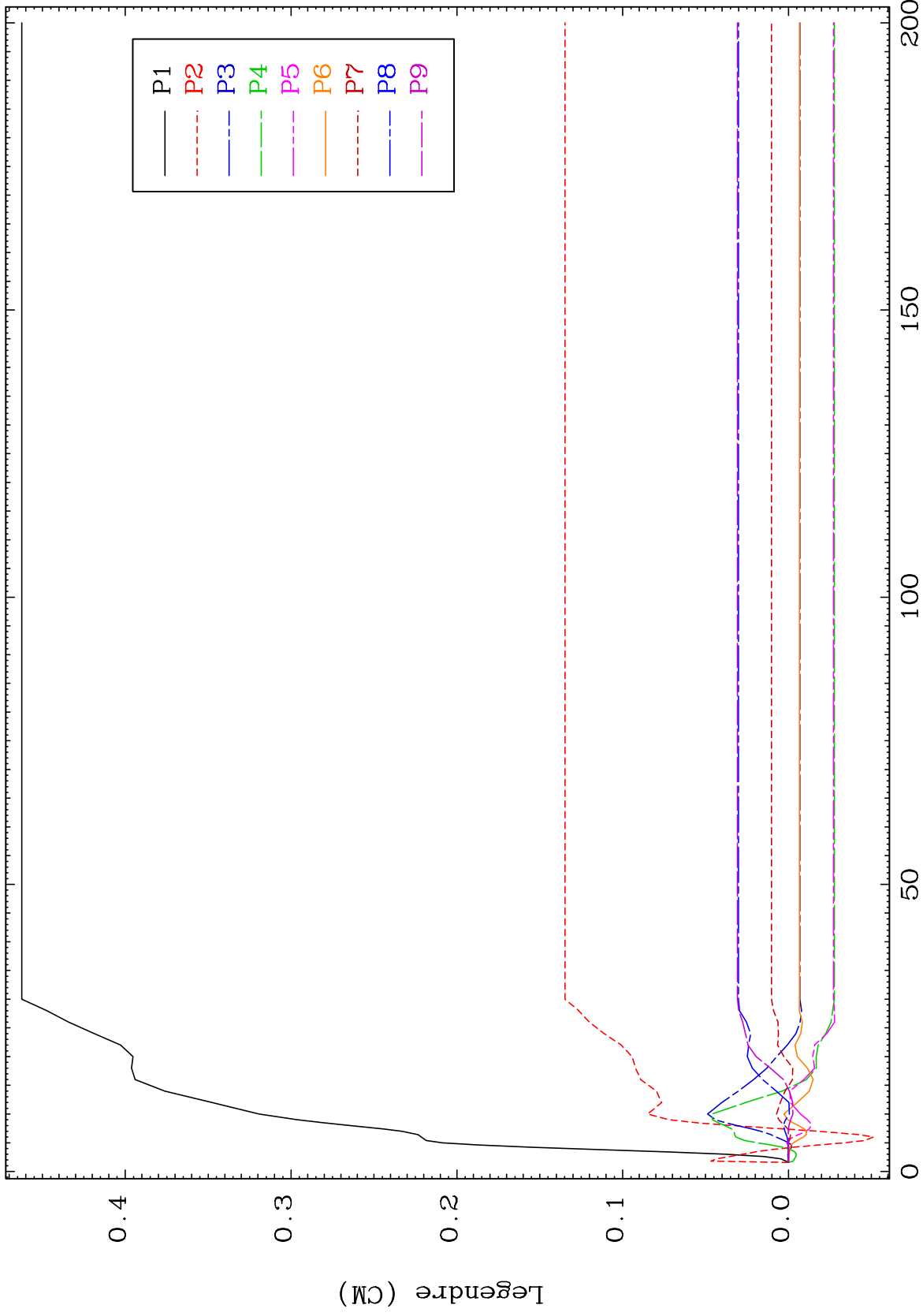
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



97

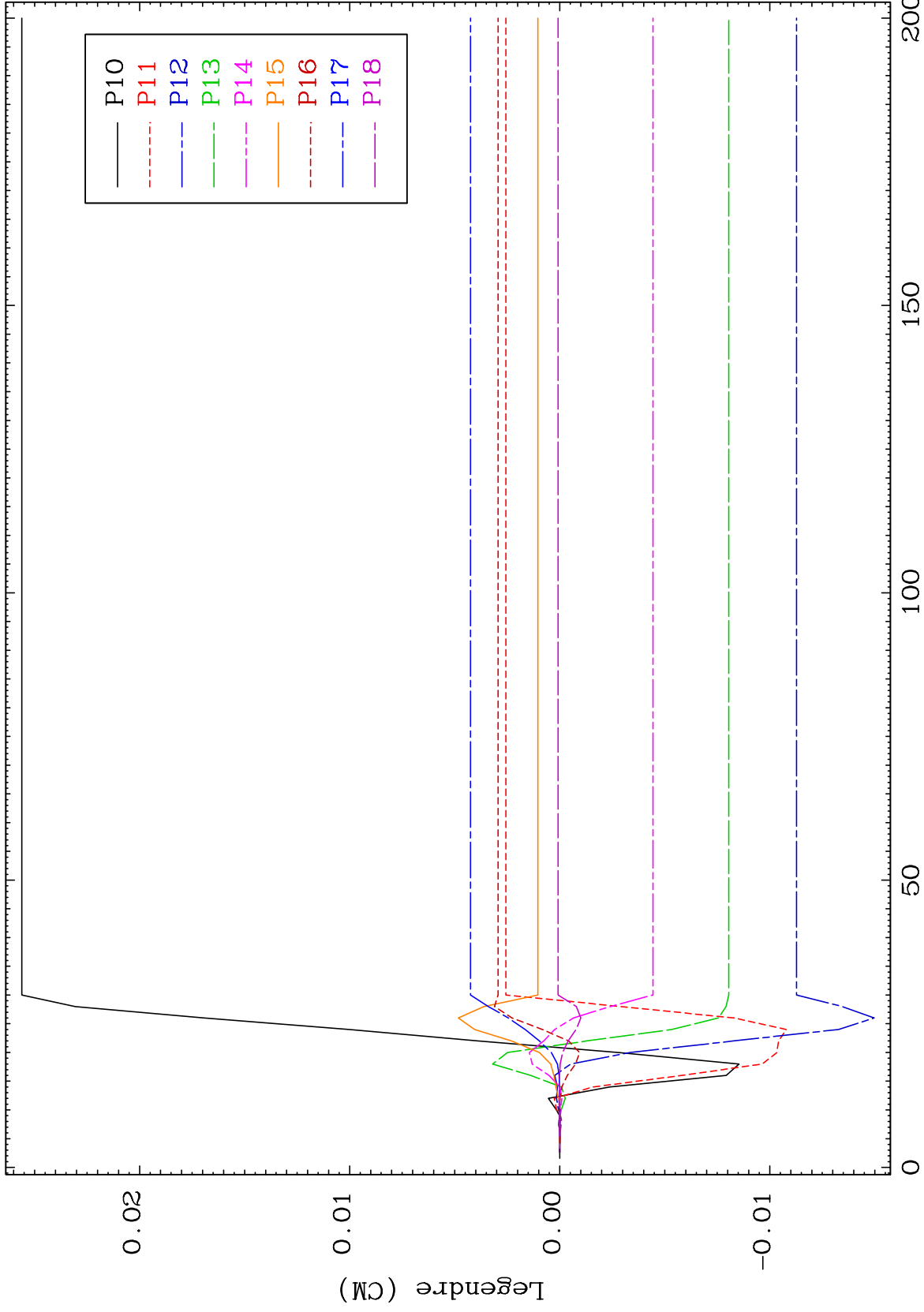
Incident Energy (MeV)

74-W -178

MAT 7419

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

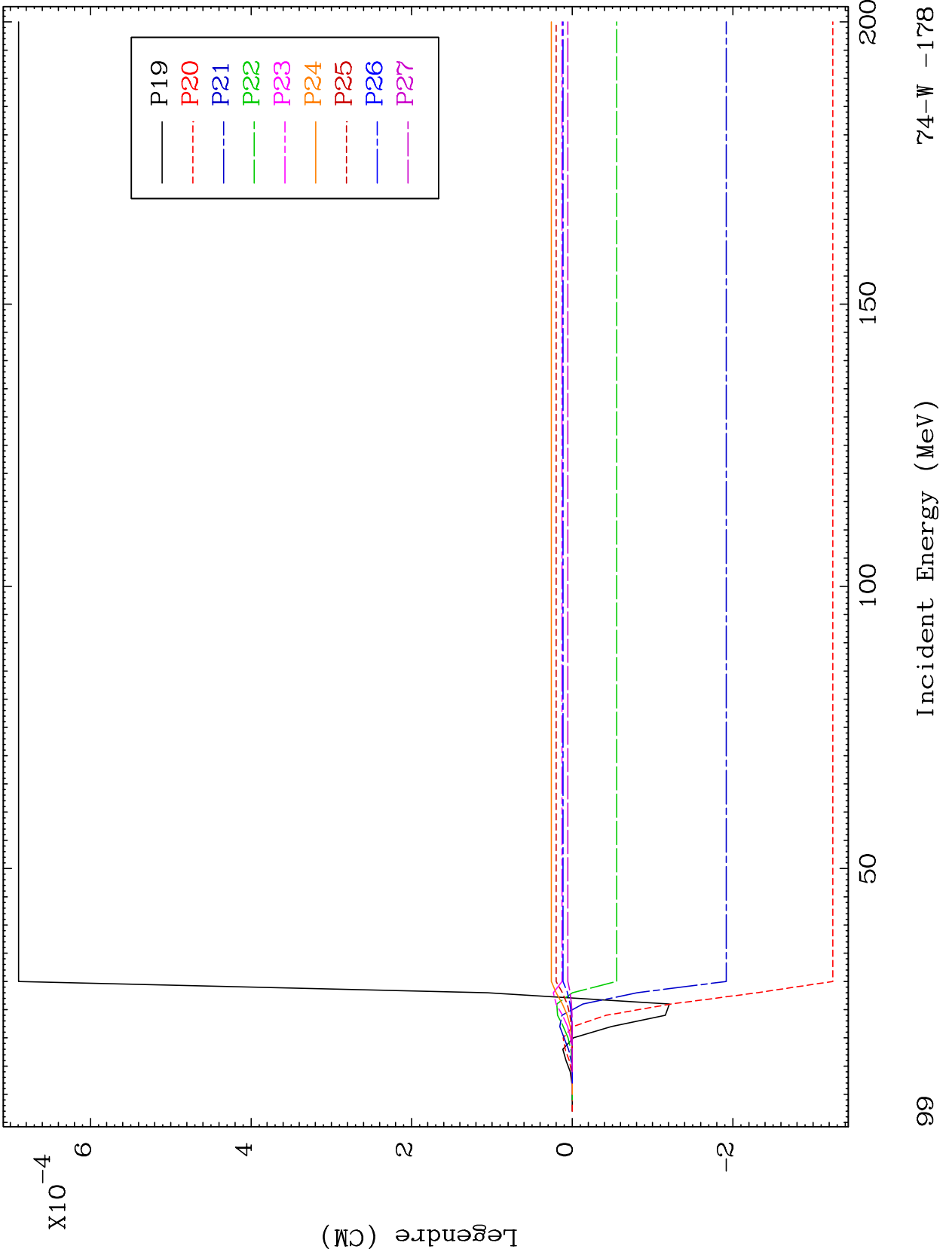
74-W -178



98

Incident Energy (MeV)

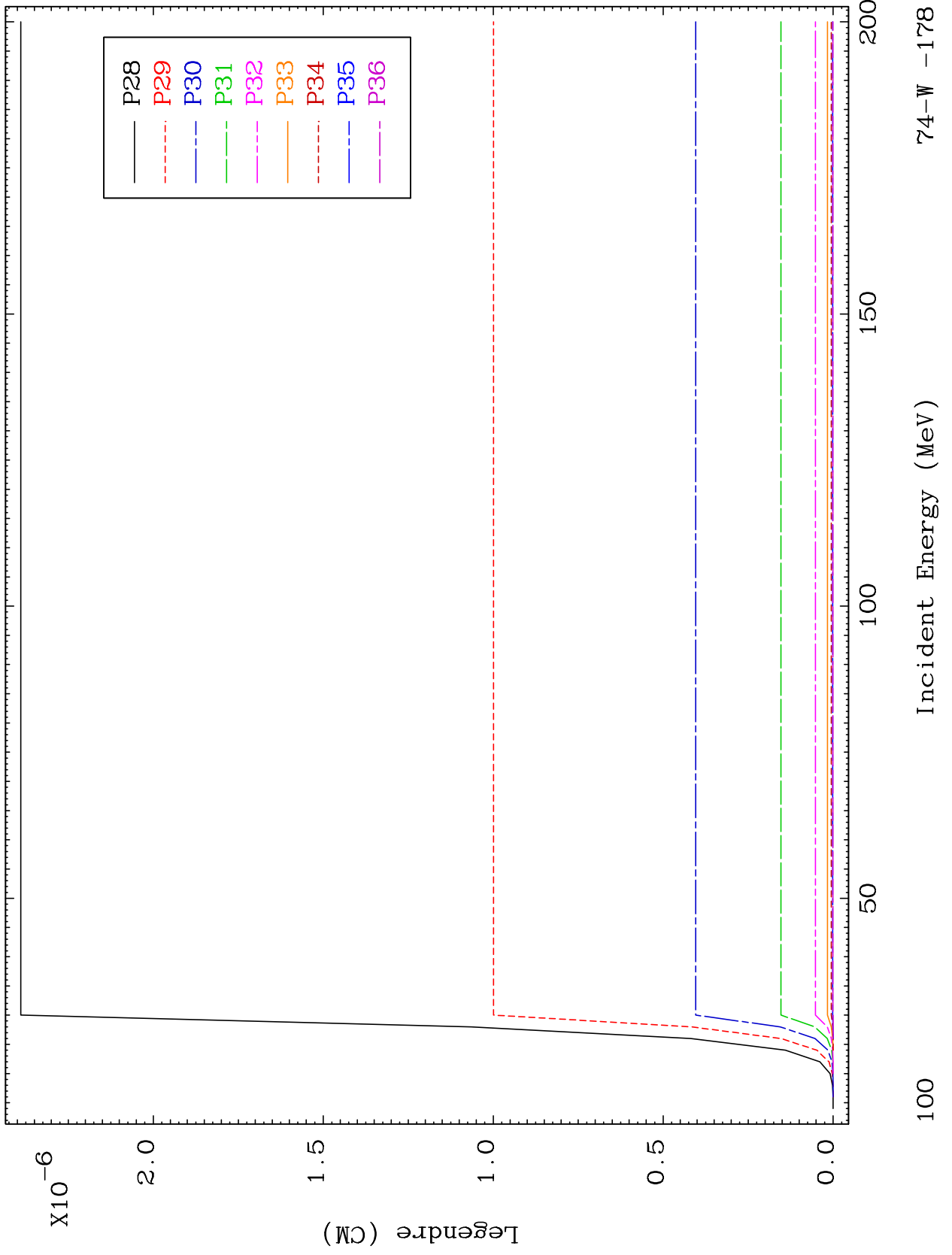
74-W -178



MAT 7419

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

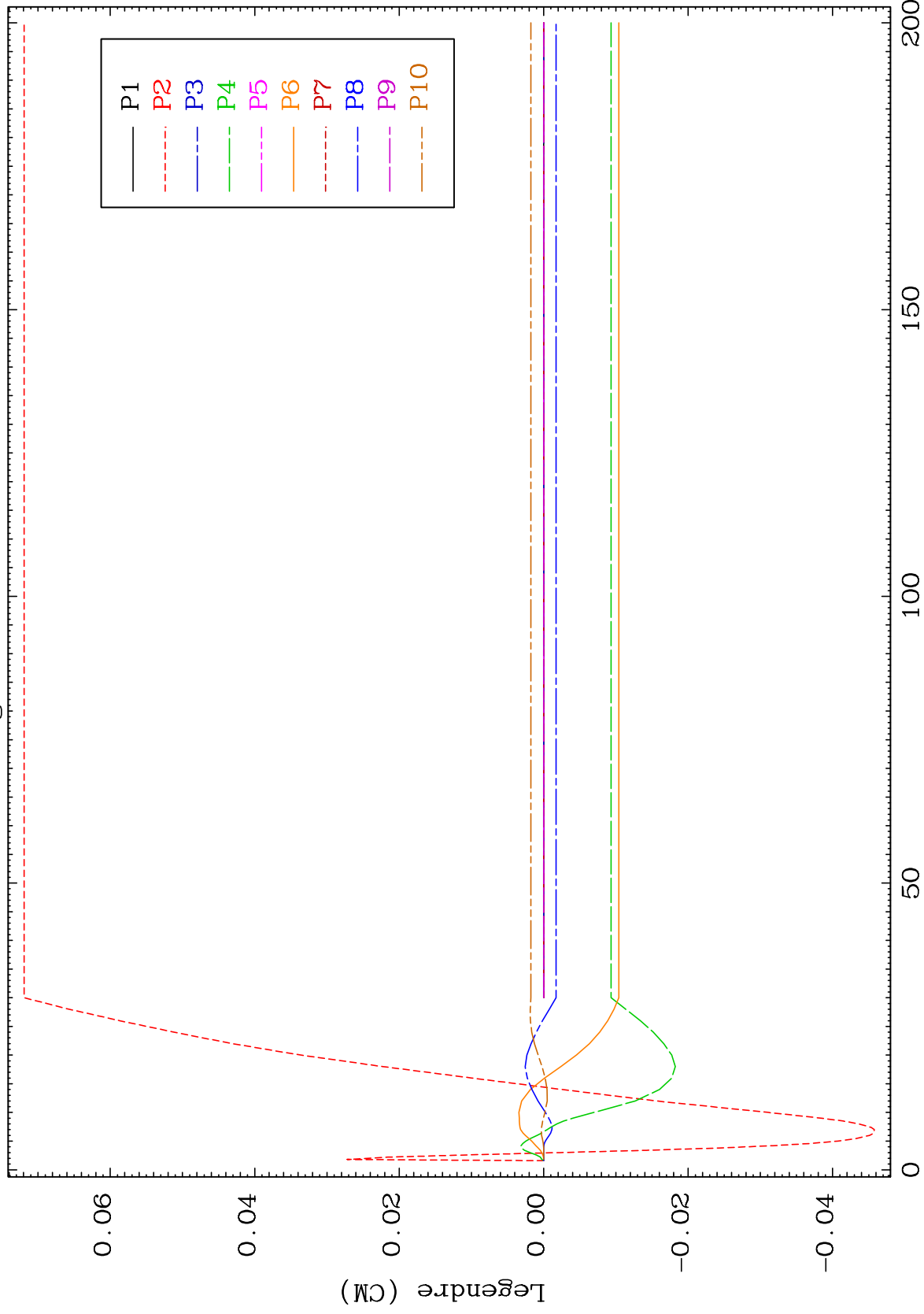
74-W -178



MAT 7419

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

74-W -178



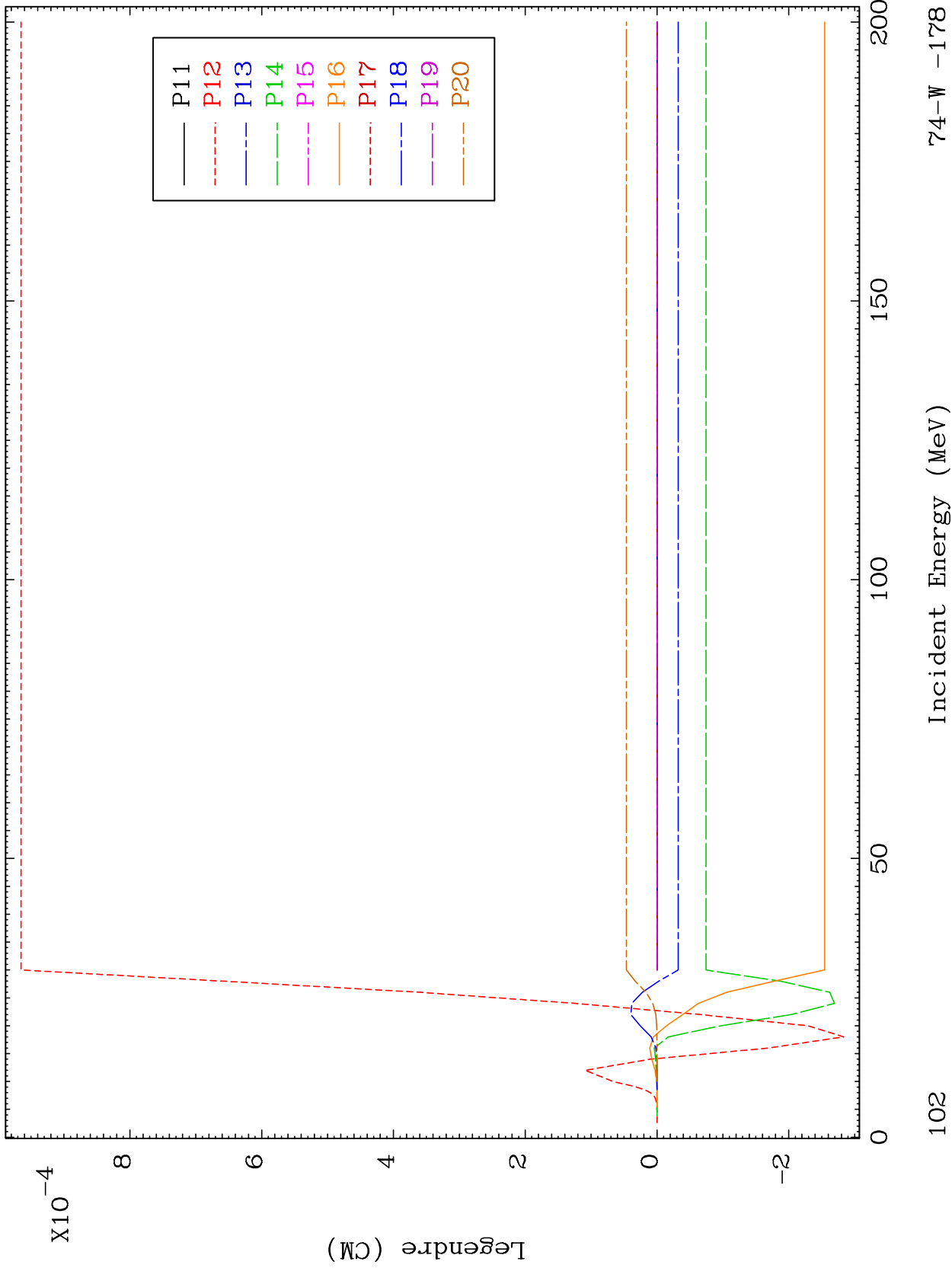
101

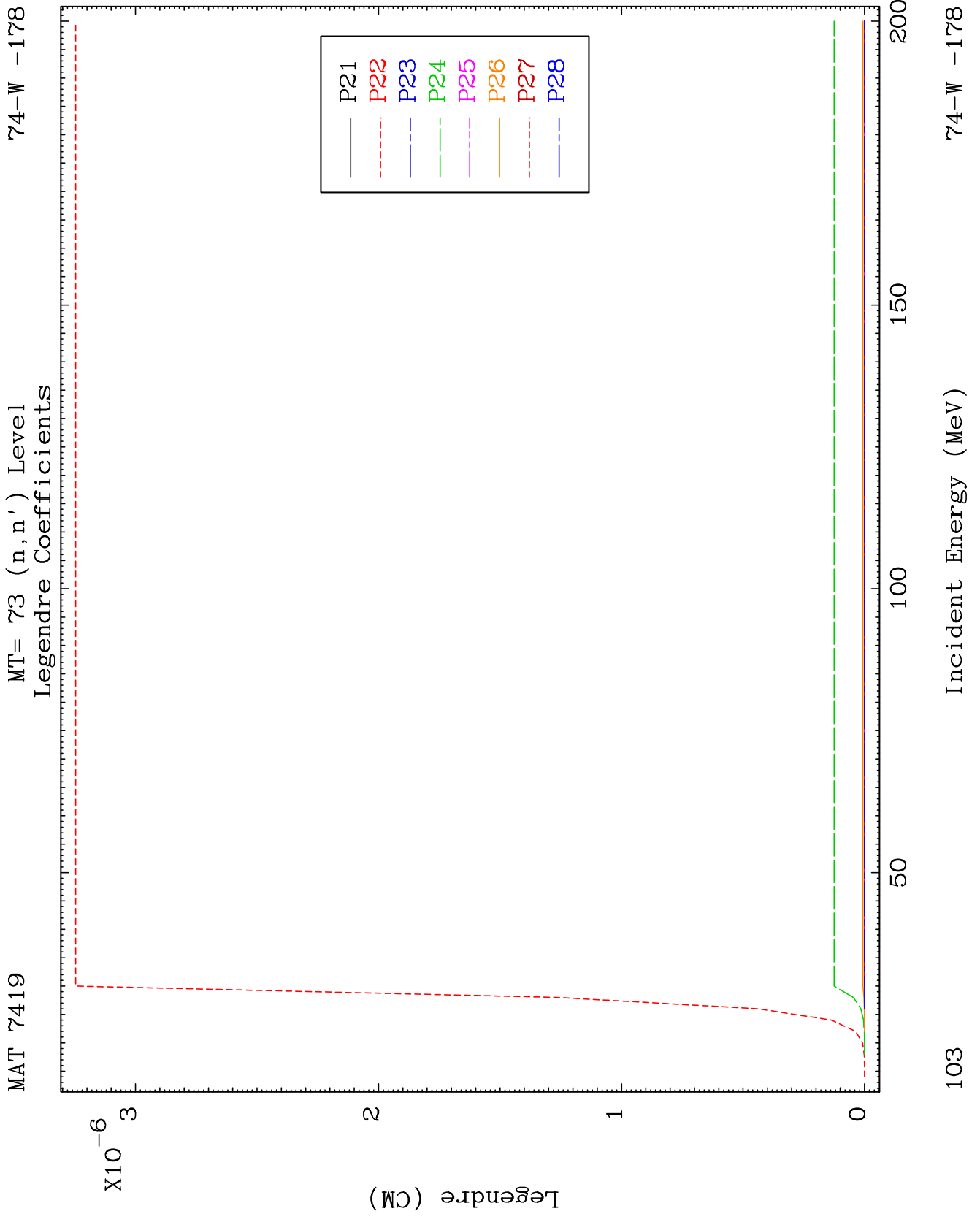
74-W -178

MAT 7419

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

74-W -178

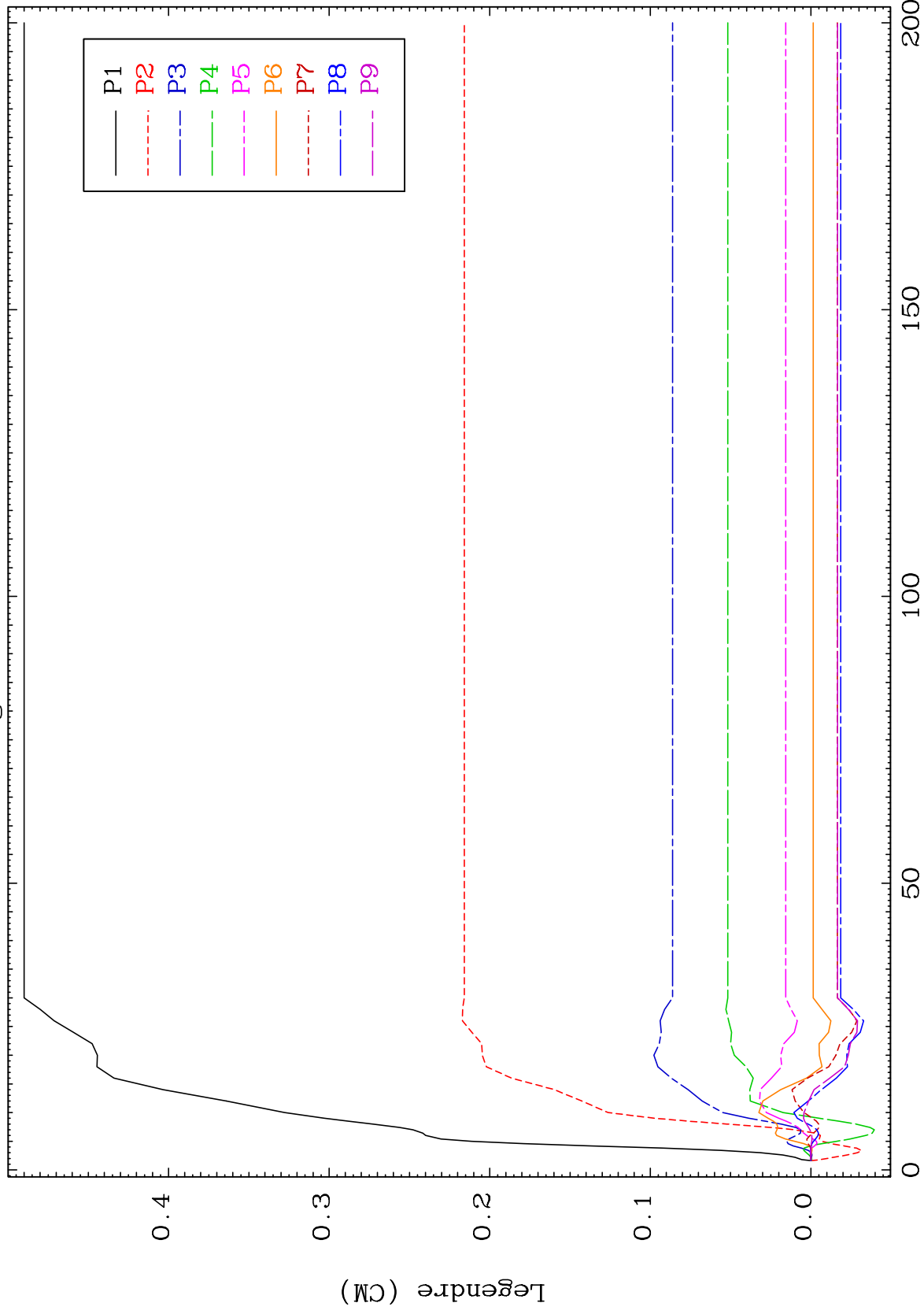




MAT 7419

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

74-W -178



104

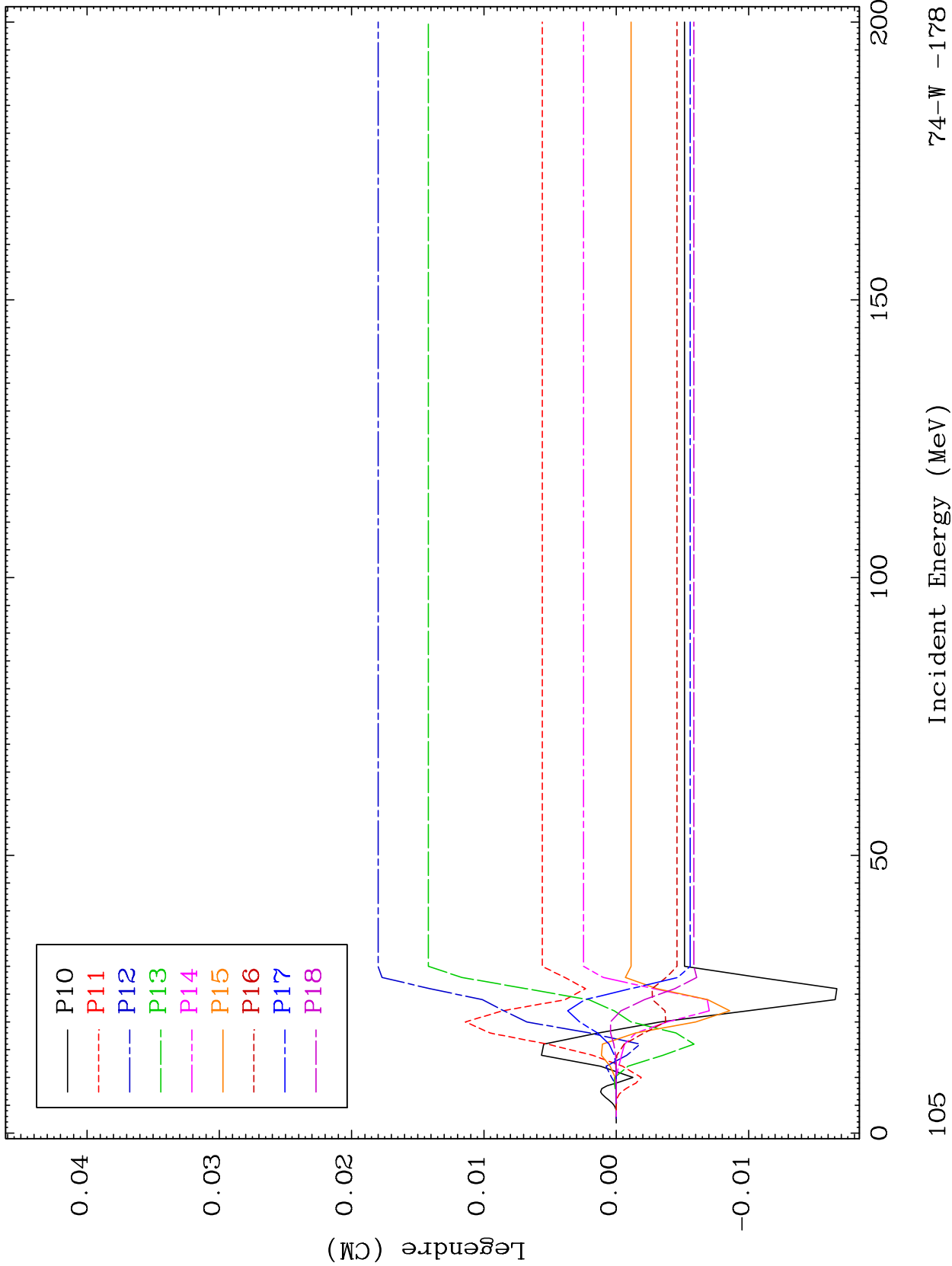
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



105

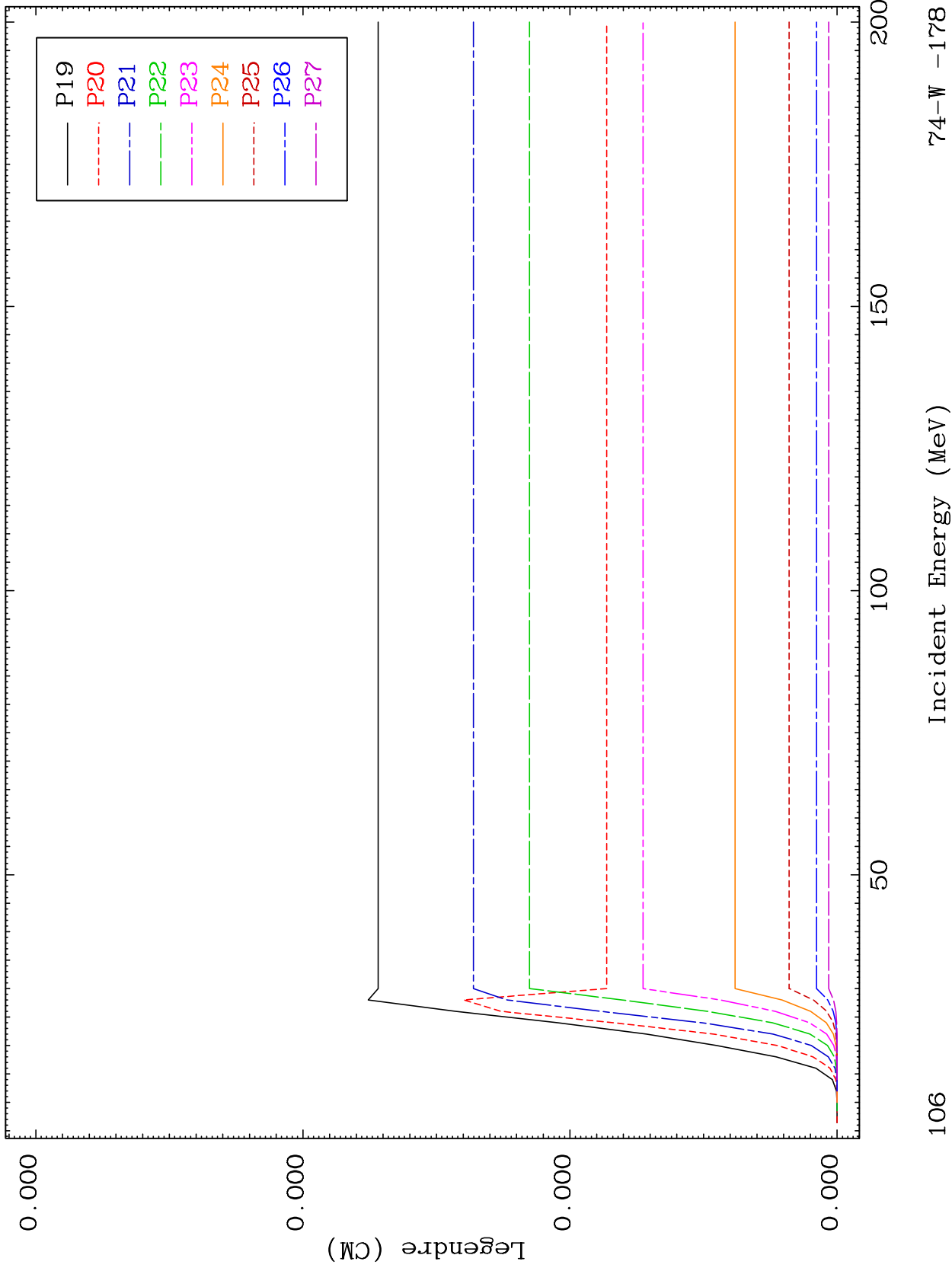
Incident Energy (MeV)

74-W -178

MAT 7419

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

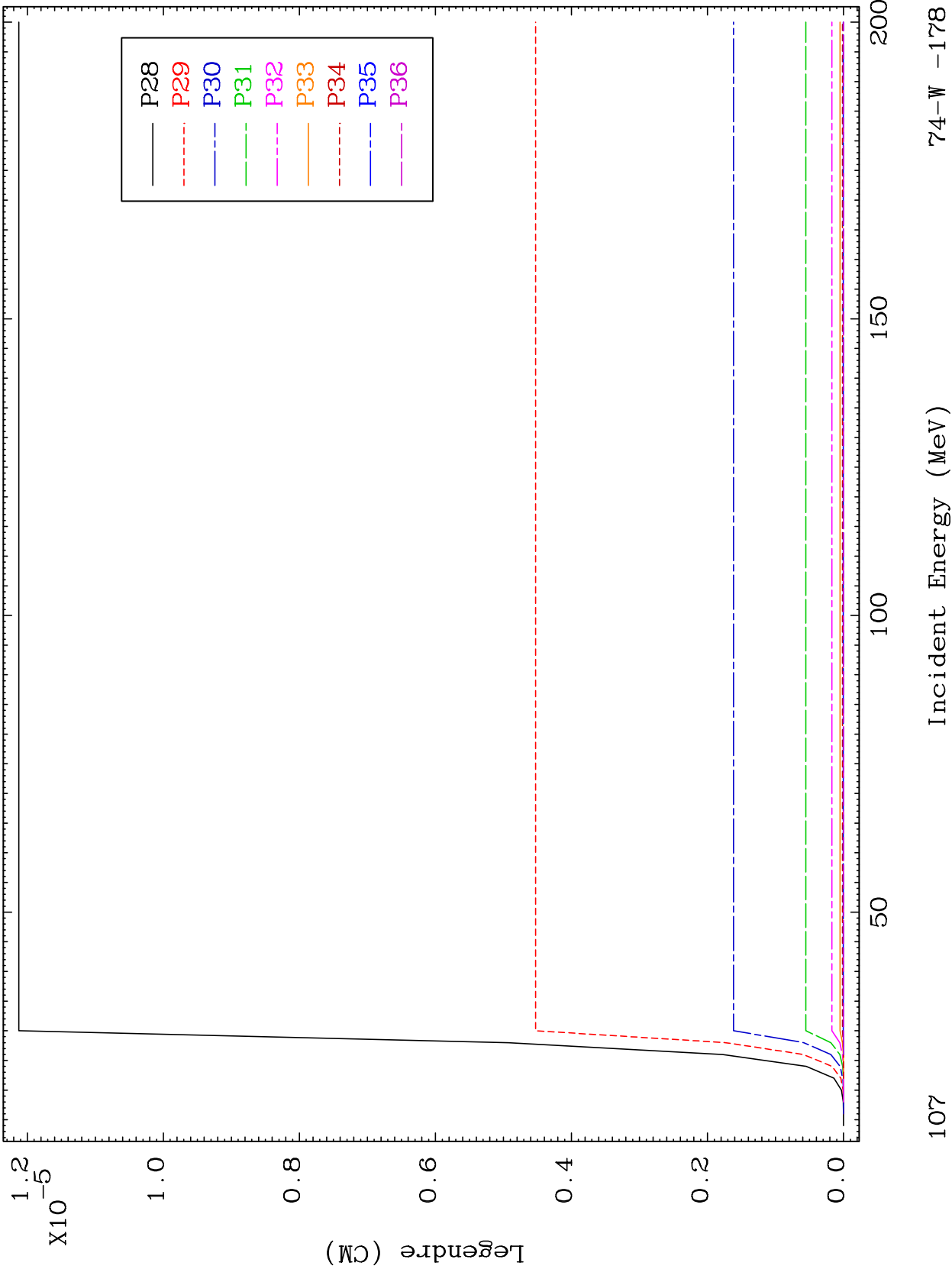
74-W -178



106

Incident Energy (MeV)

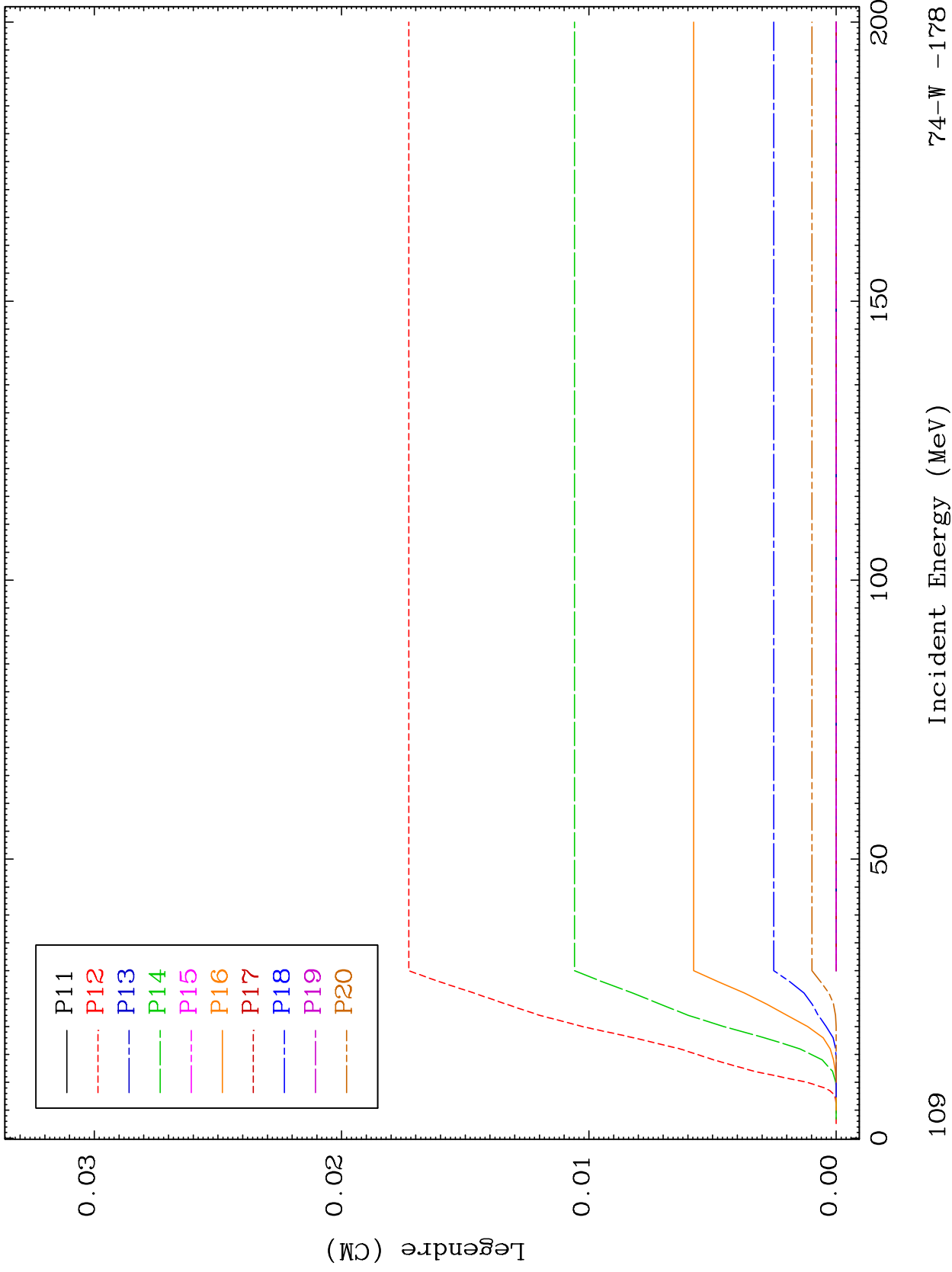
74-W -178

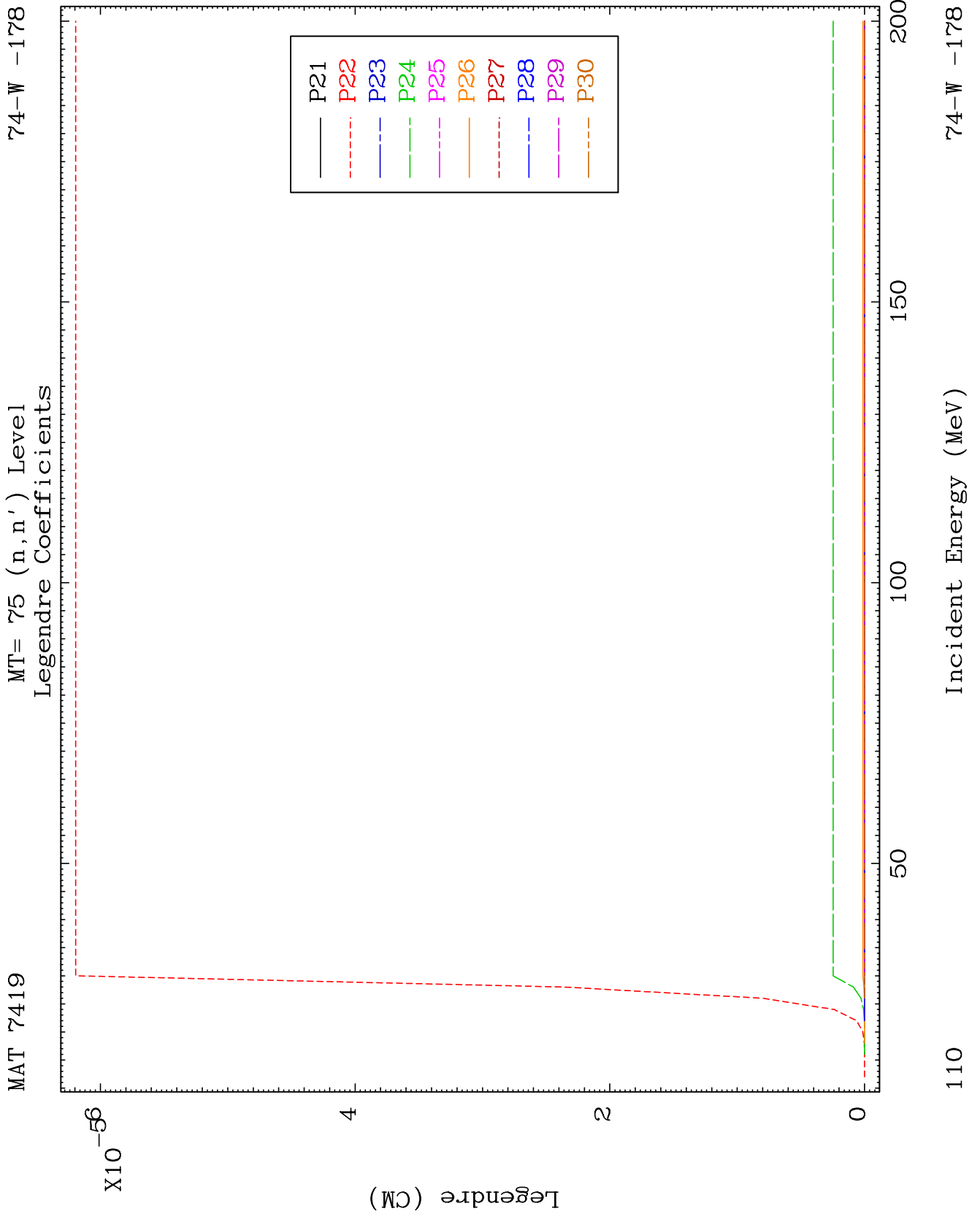


MAT 7419

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

74-W -178

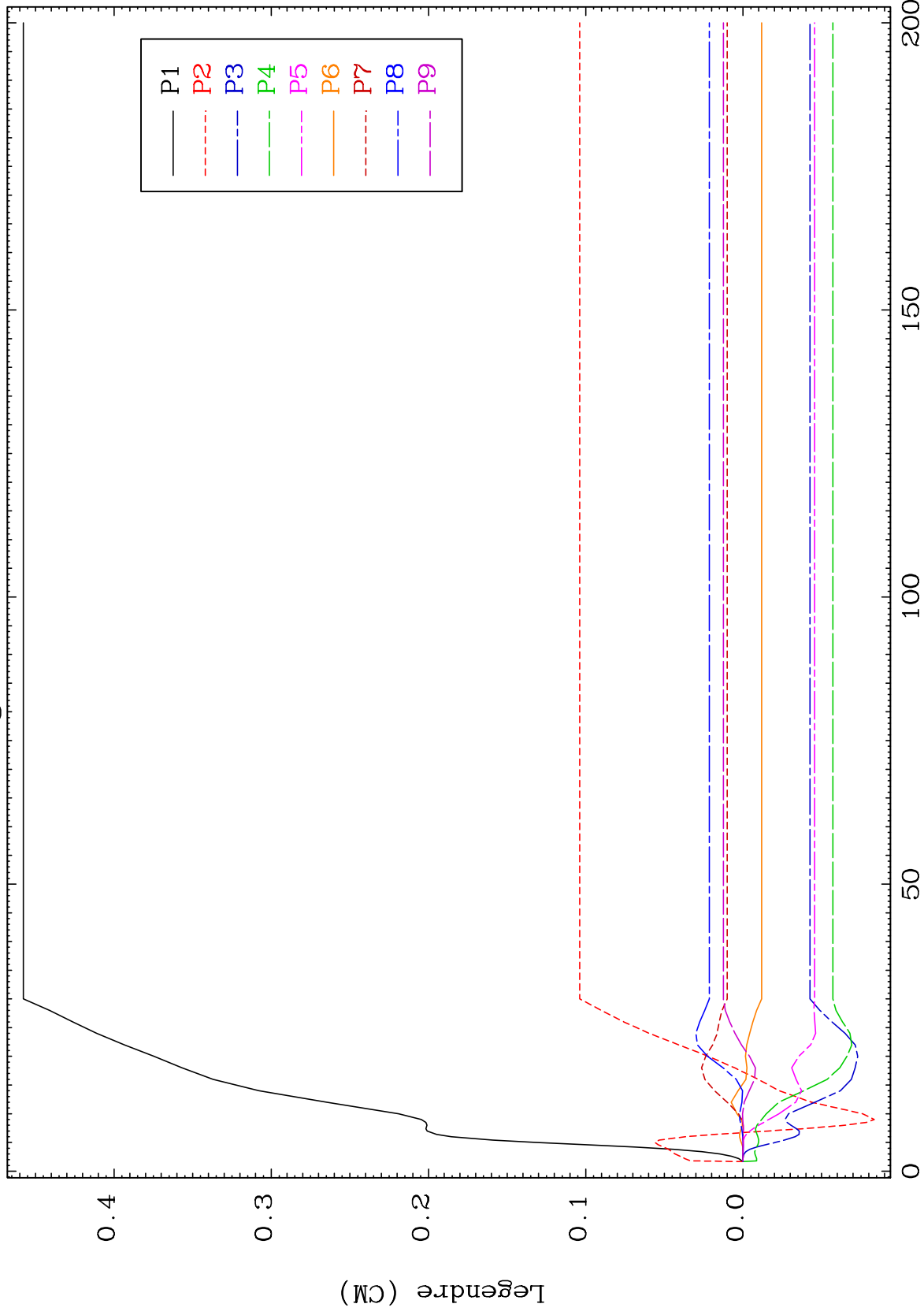




MAT 7419

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

74-W -178



111

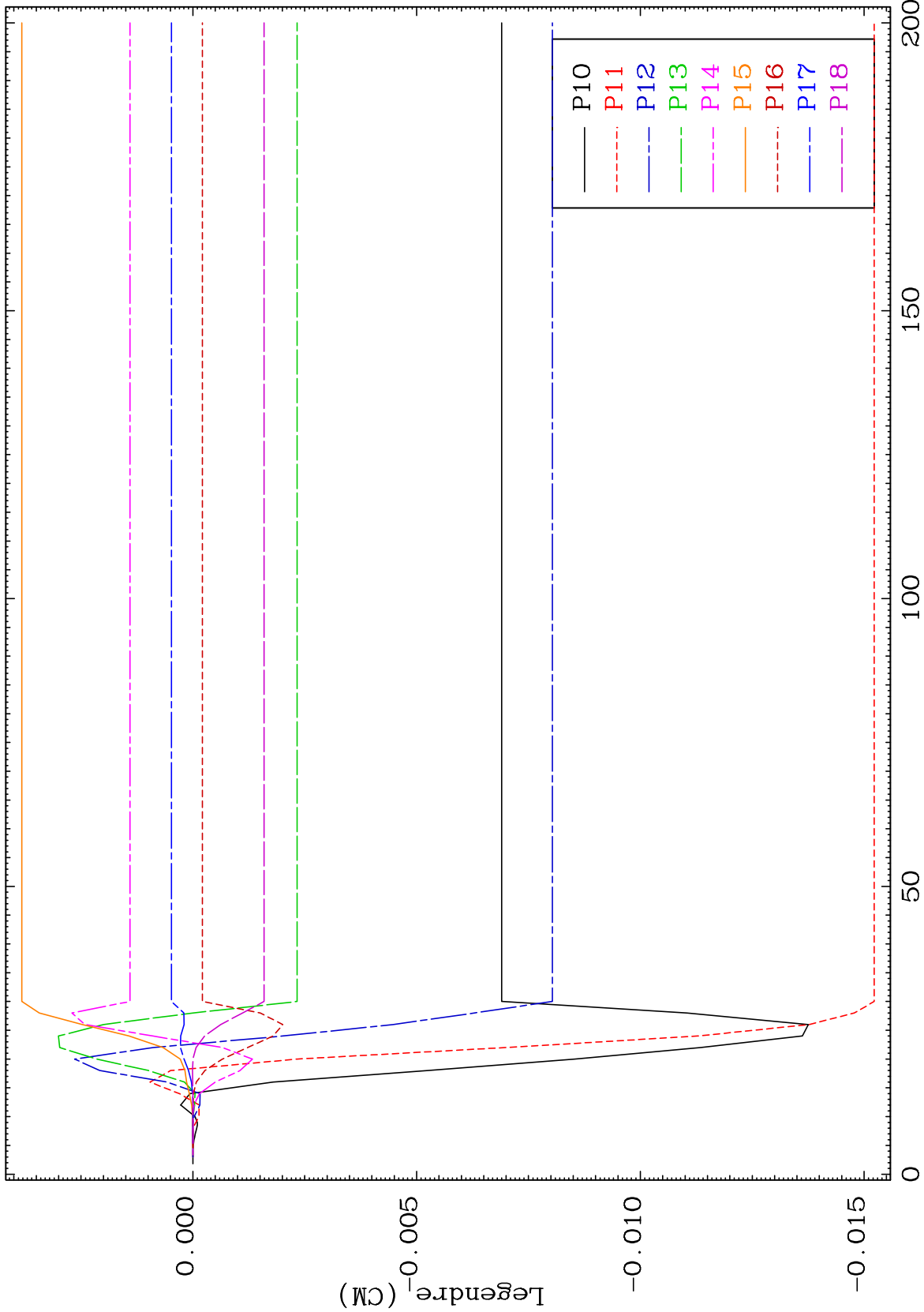
Incident Energy (MeV)

74-W -178

MAT 7419

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

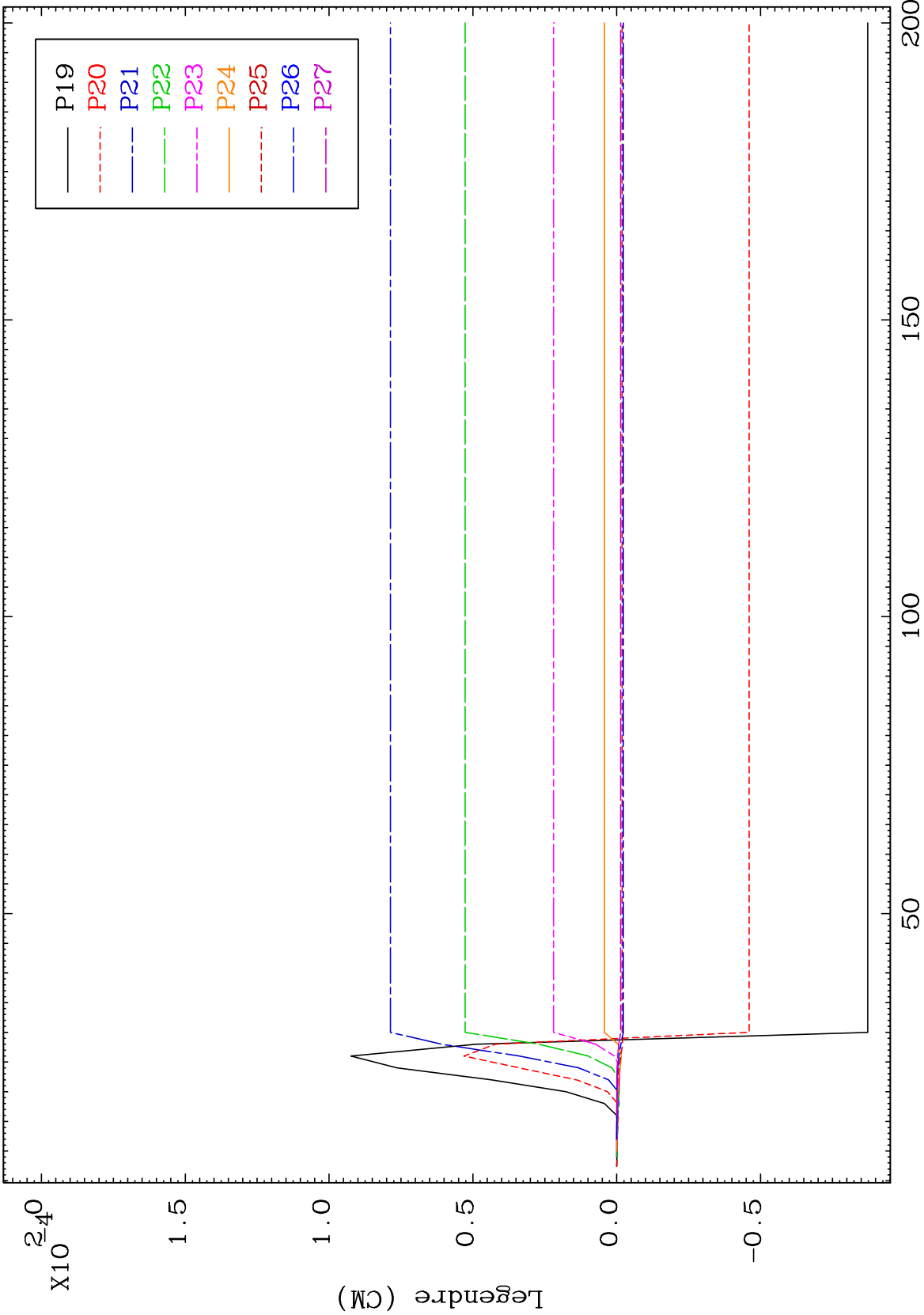
74-W -178

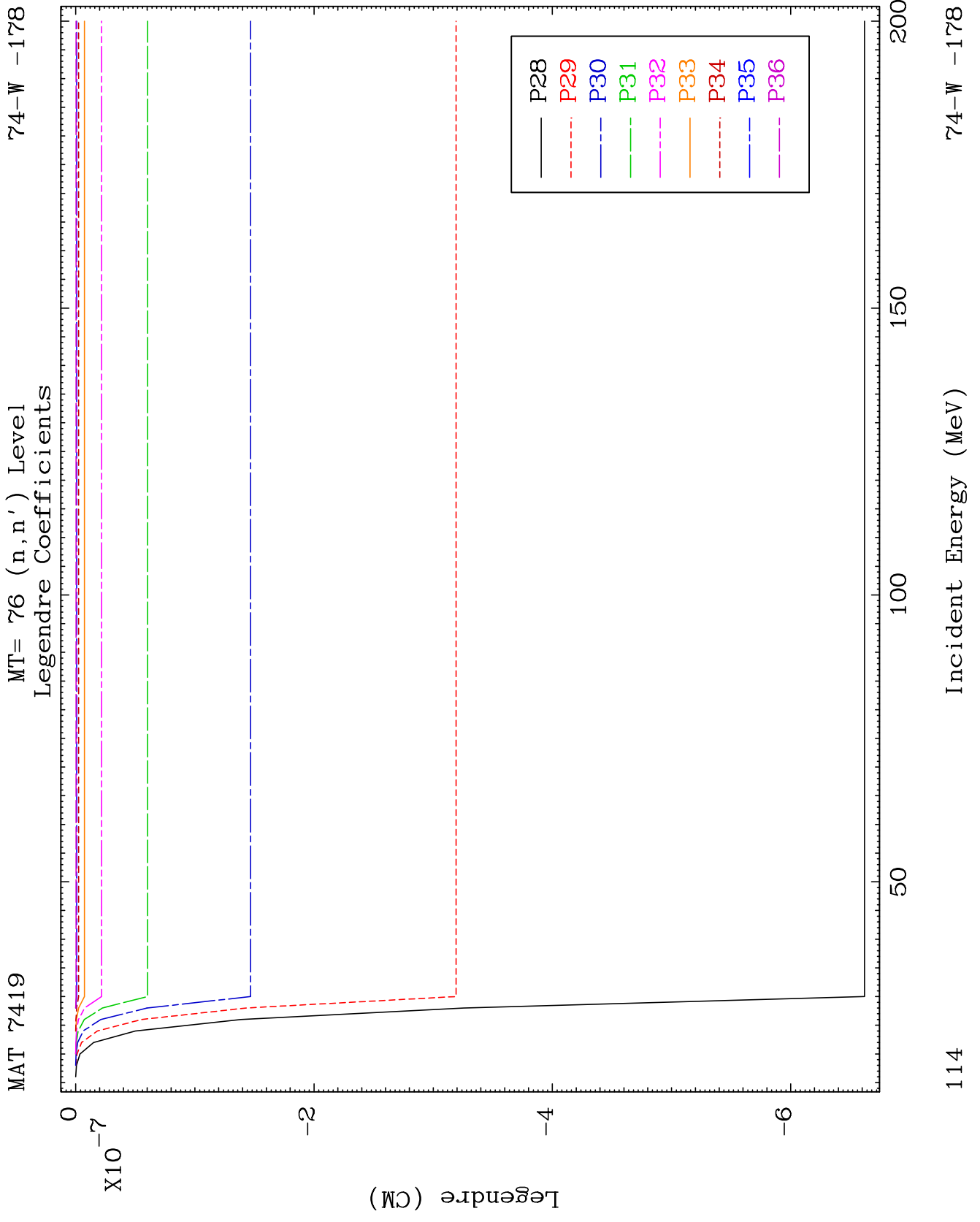


112

Incident Energy (MeV)

74-W -178

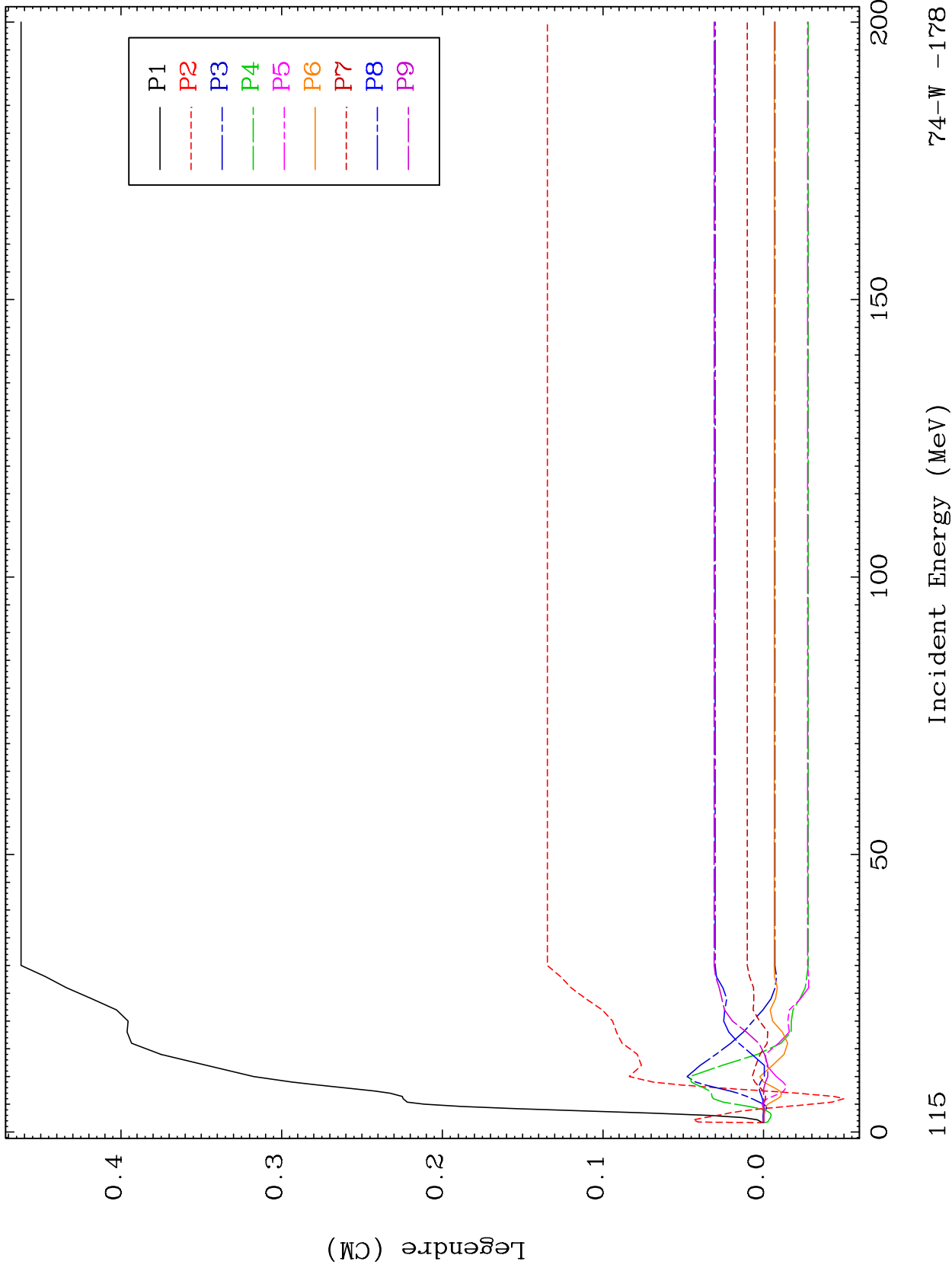




MAT 7419

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

74-W -178



74-W -178

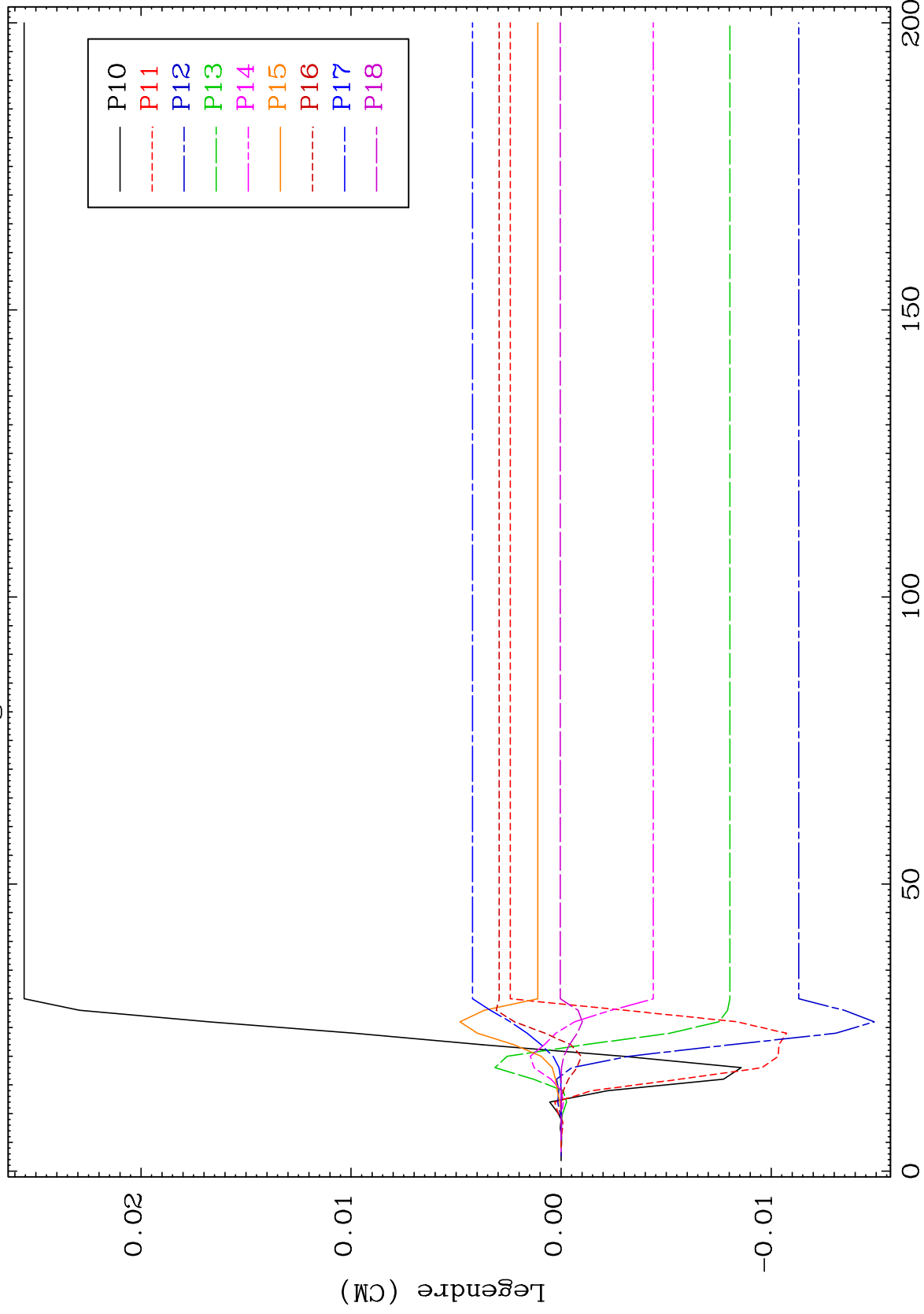
Incident Energy (MeV)

115

MAT 7419

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

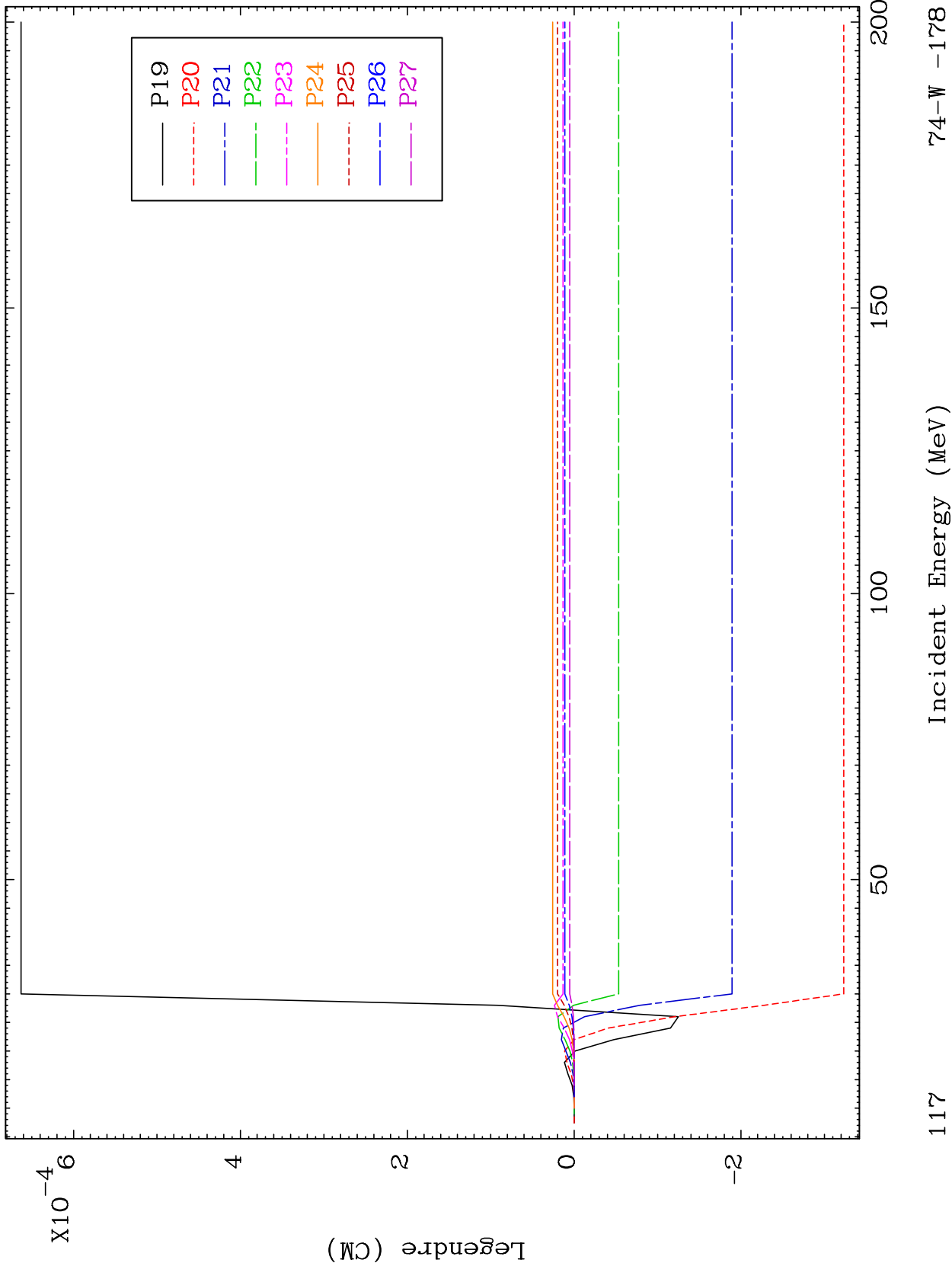
74-W -178

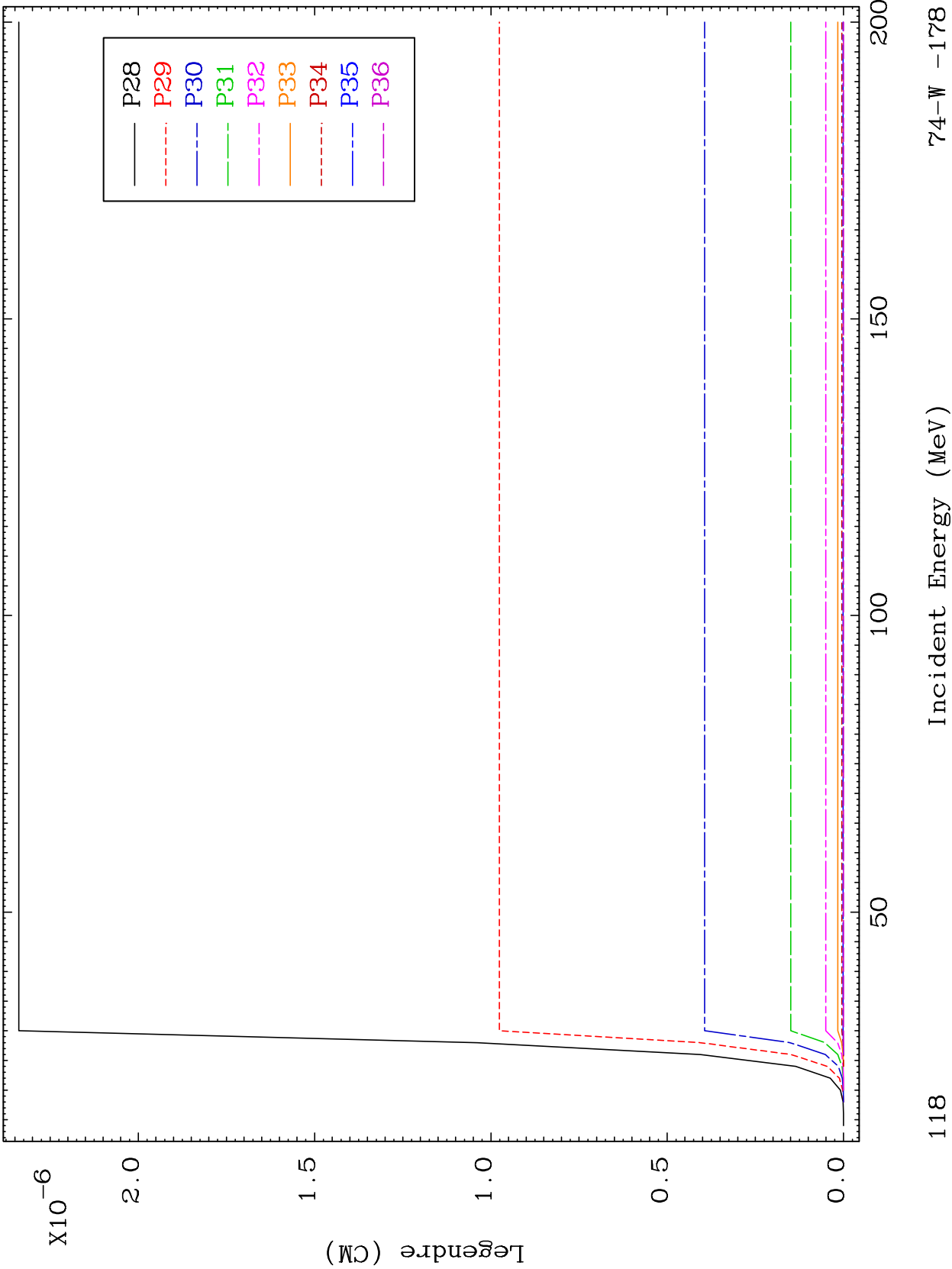


116

Incident Energy (MeV)

74-W -178

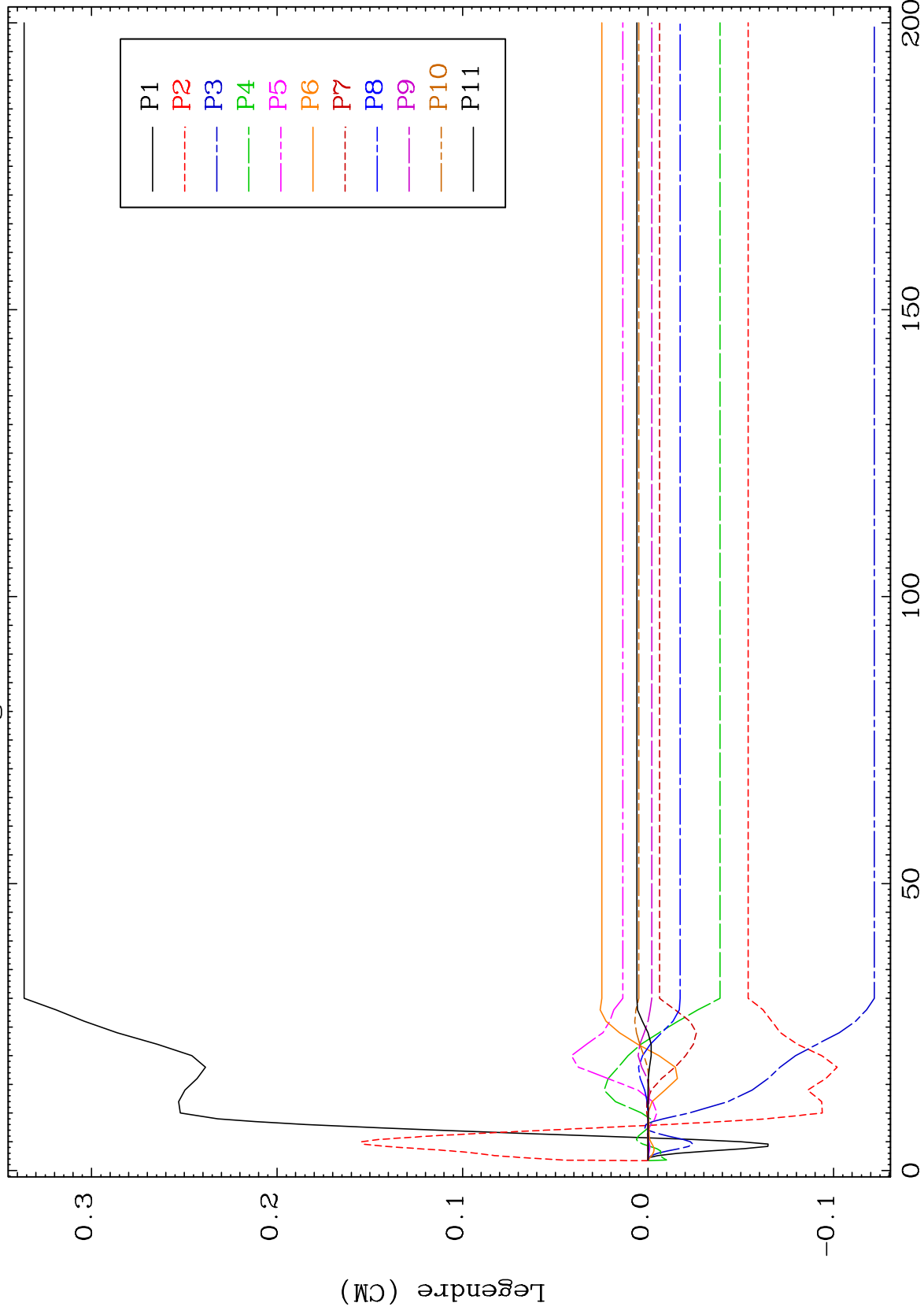




MAT 7419

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

74-W -178



119

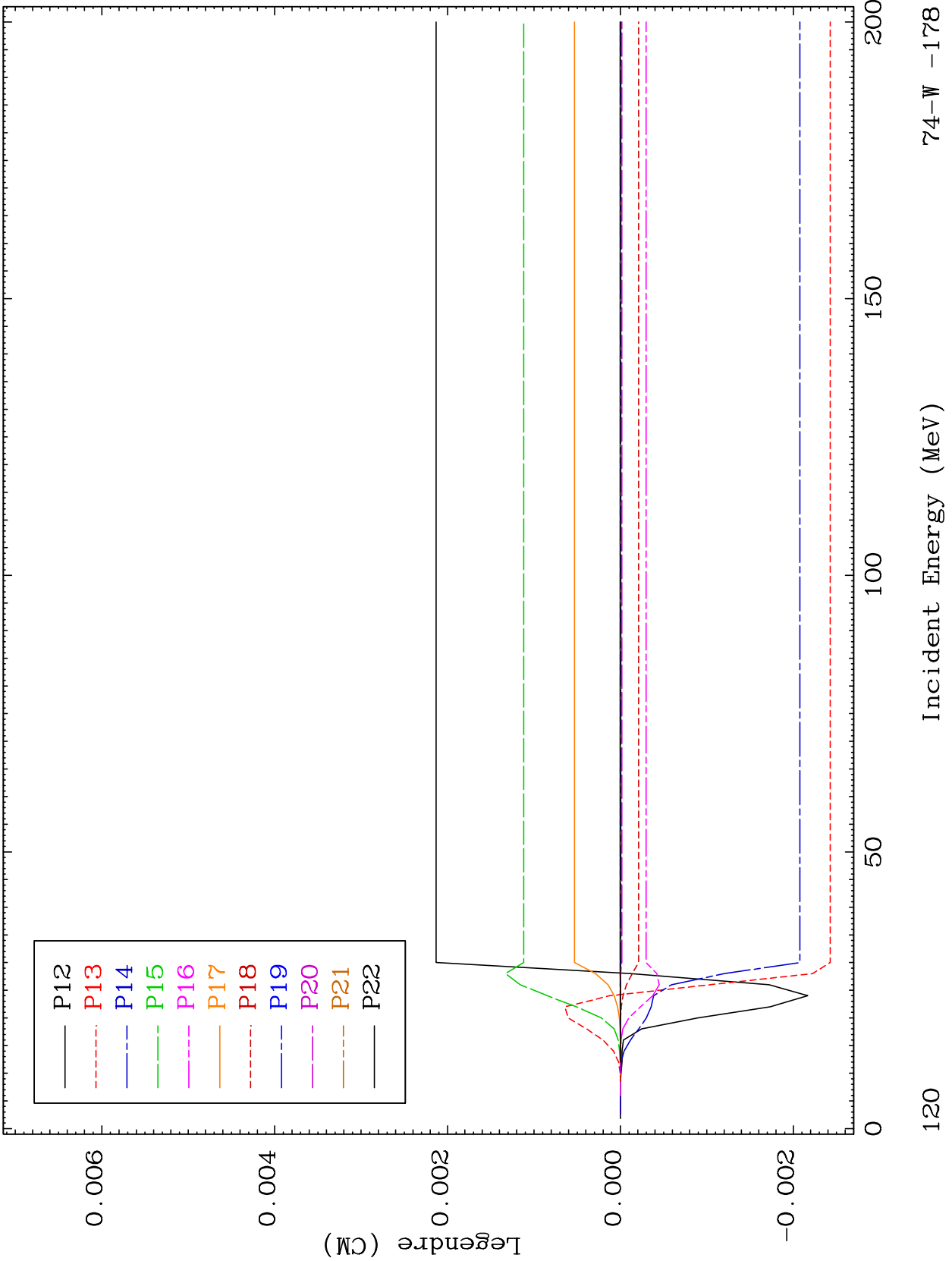
Incident Energy (MeV)

74-W -178

MAT 7419

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

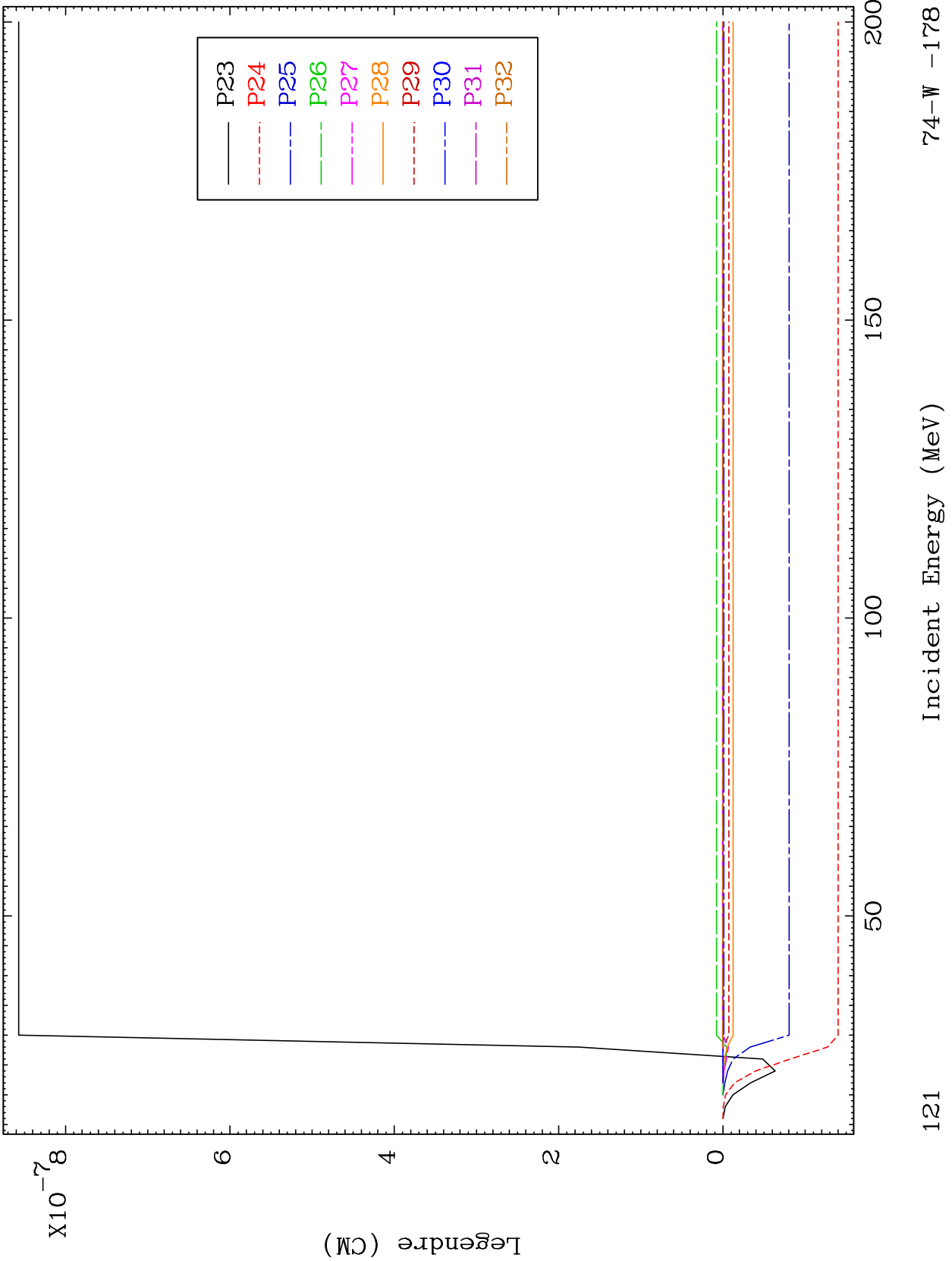
74-W -178



MAT 7419

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

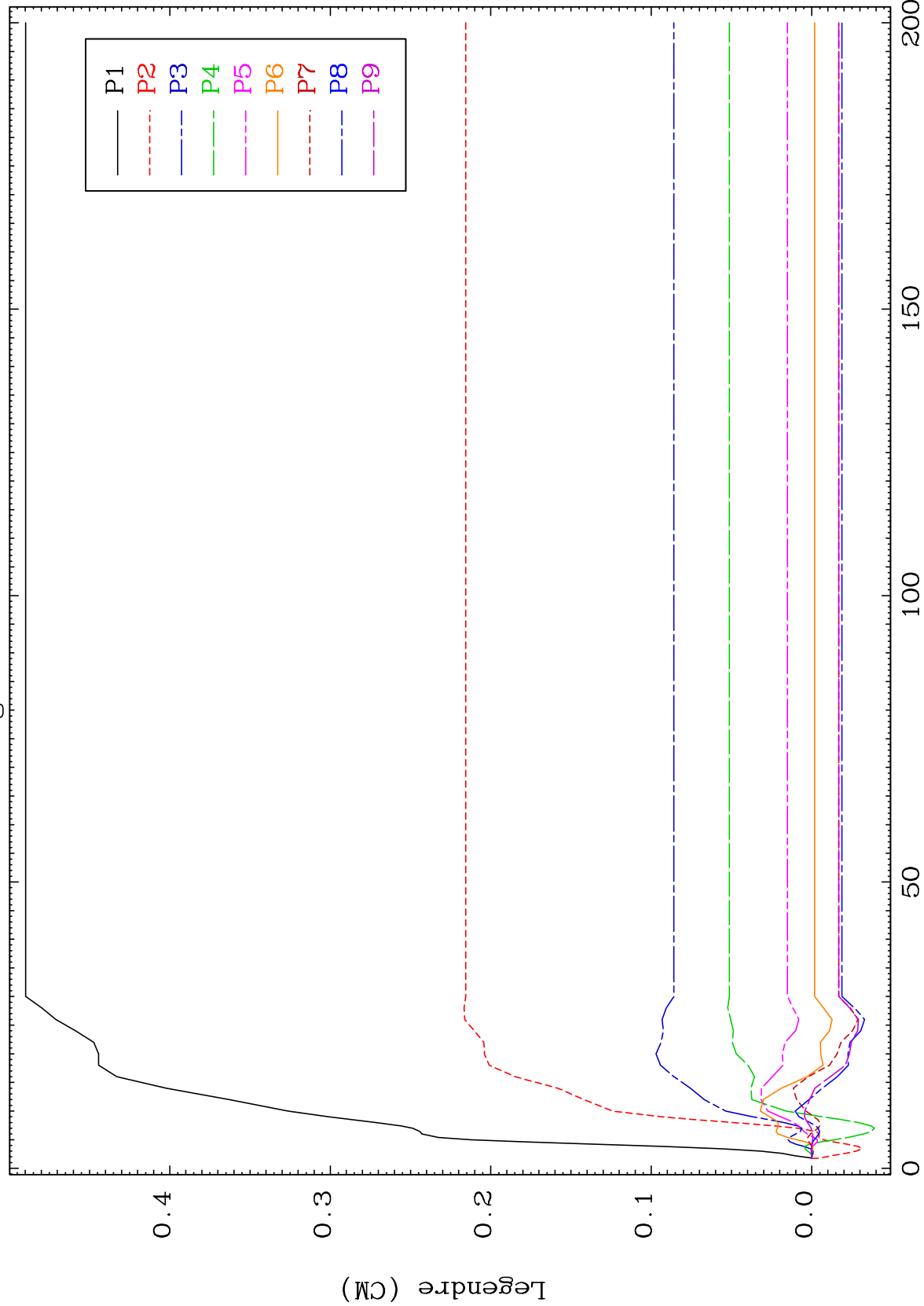
74-W -178



MAT 7419

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

74-W -178



122

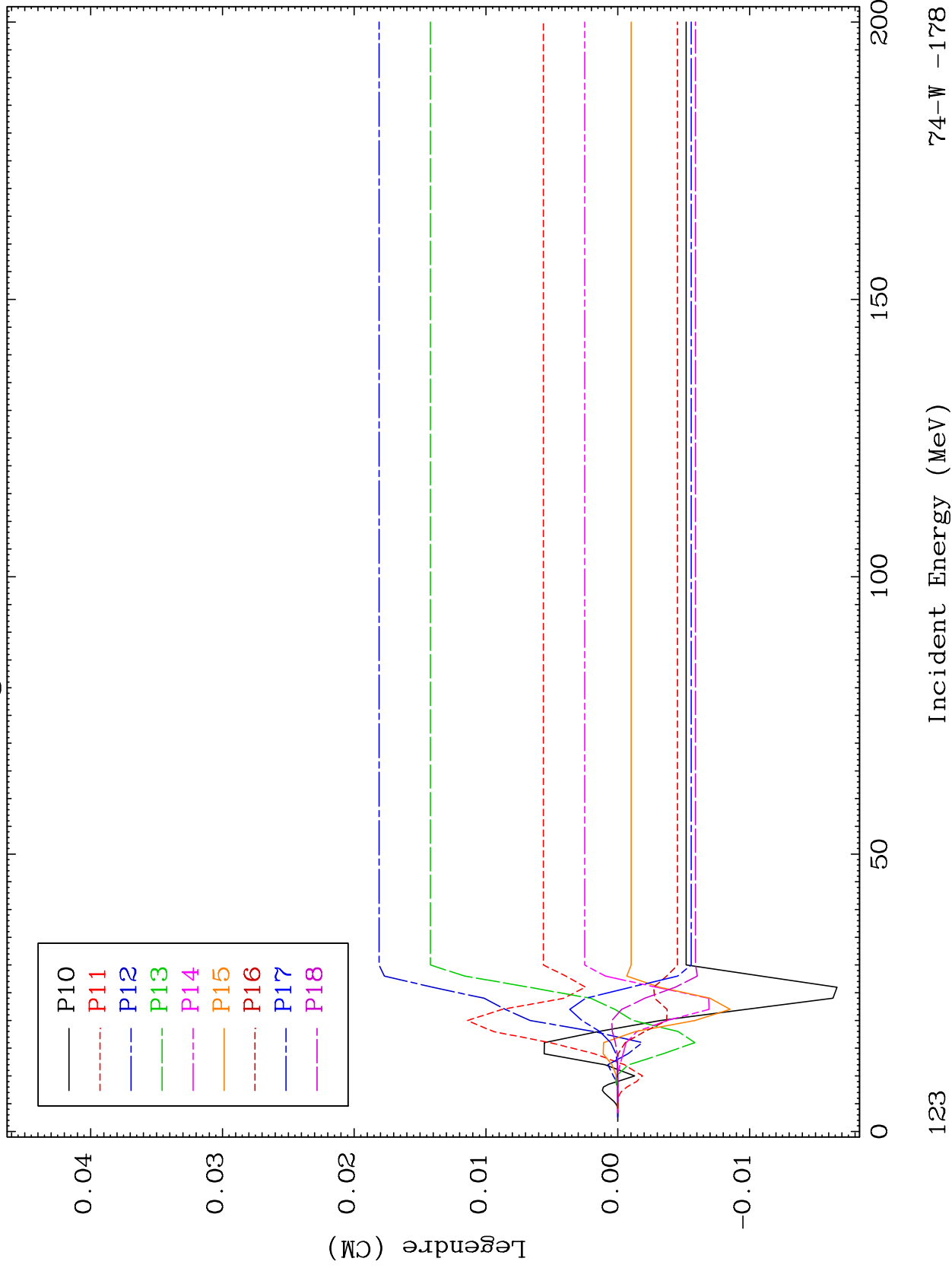
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



123

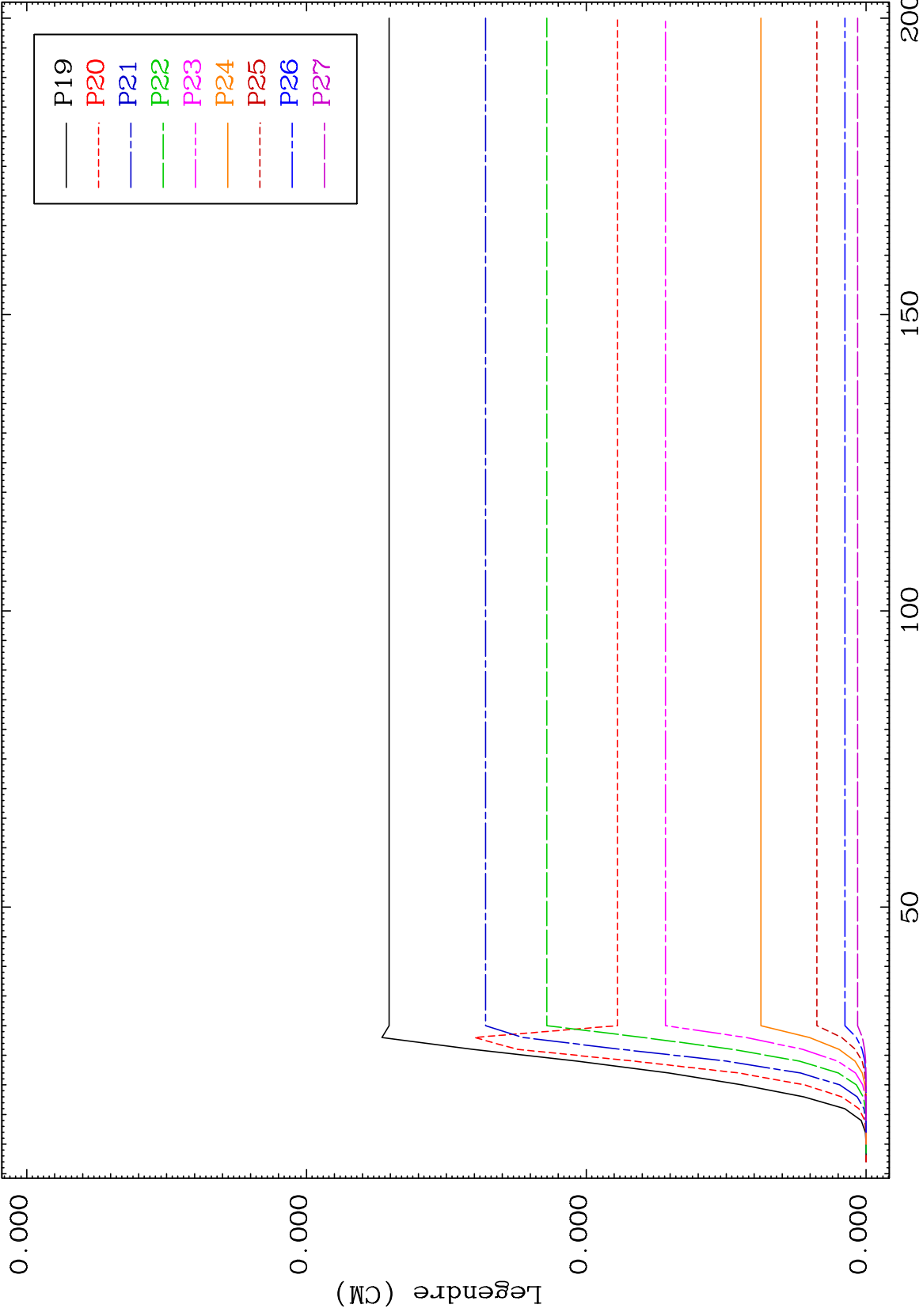
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



124

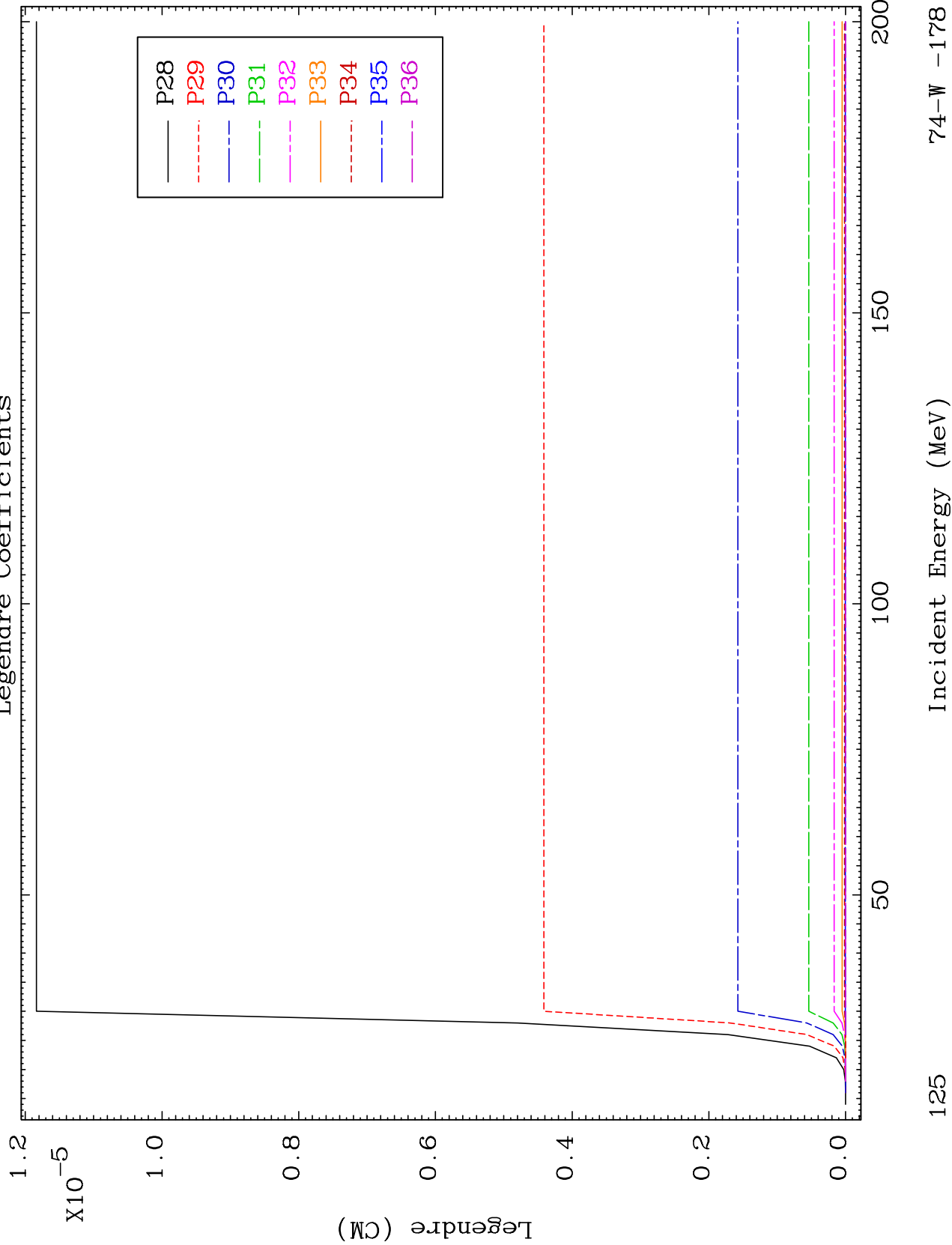
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



125

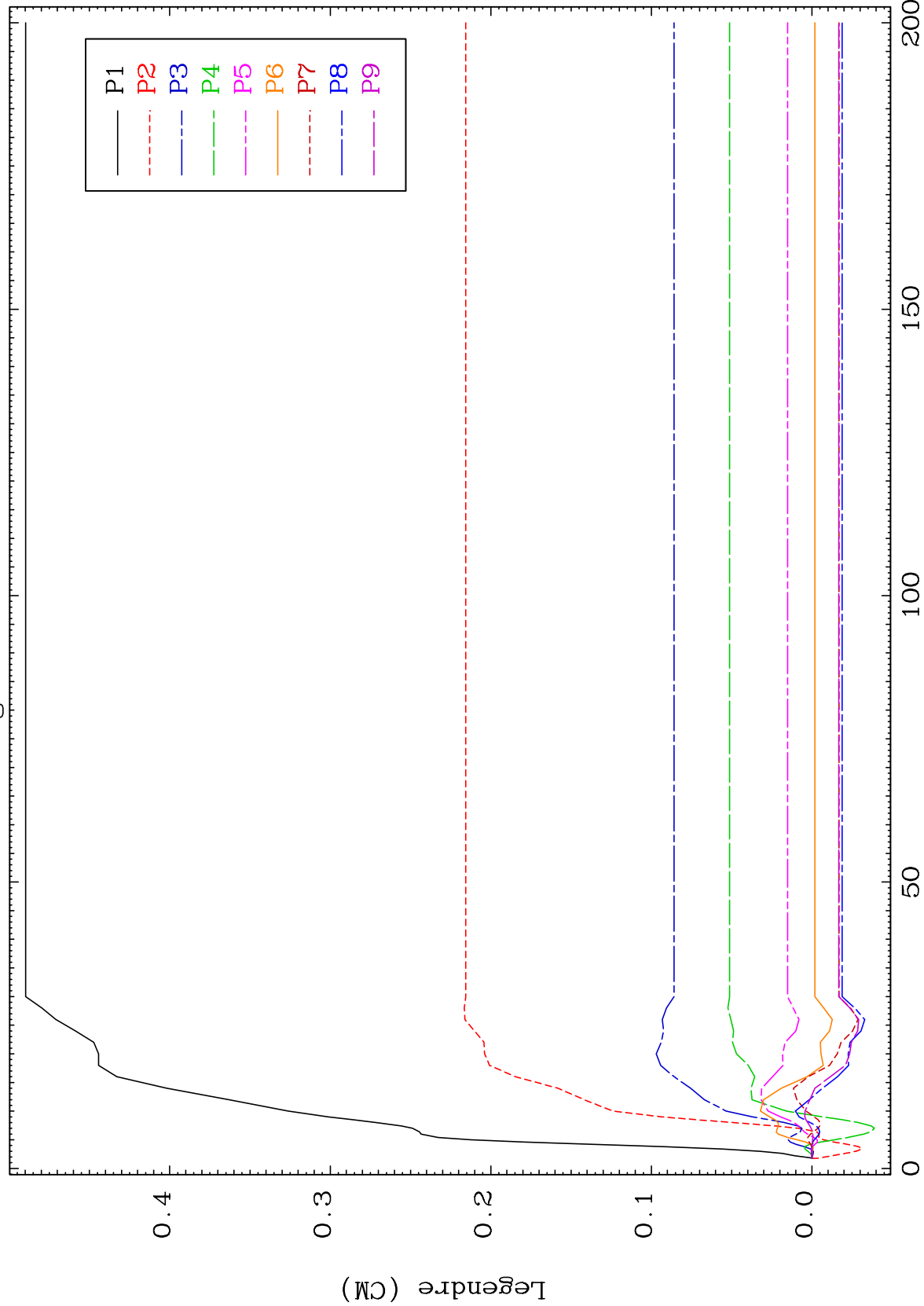
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



126

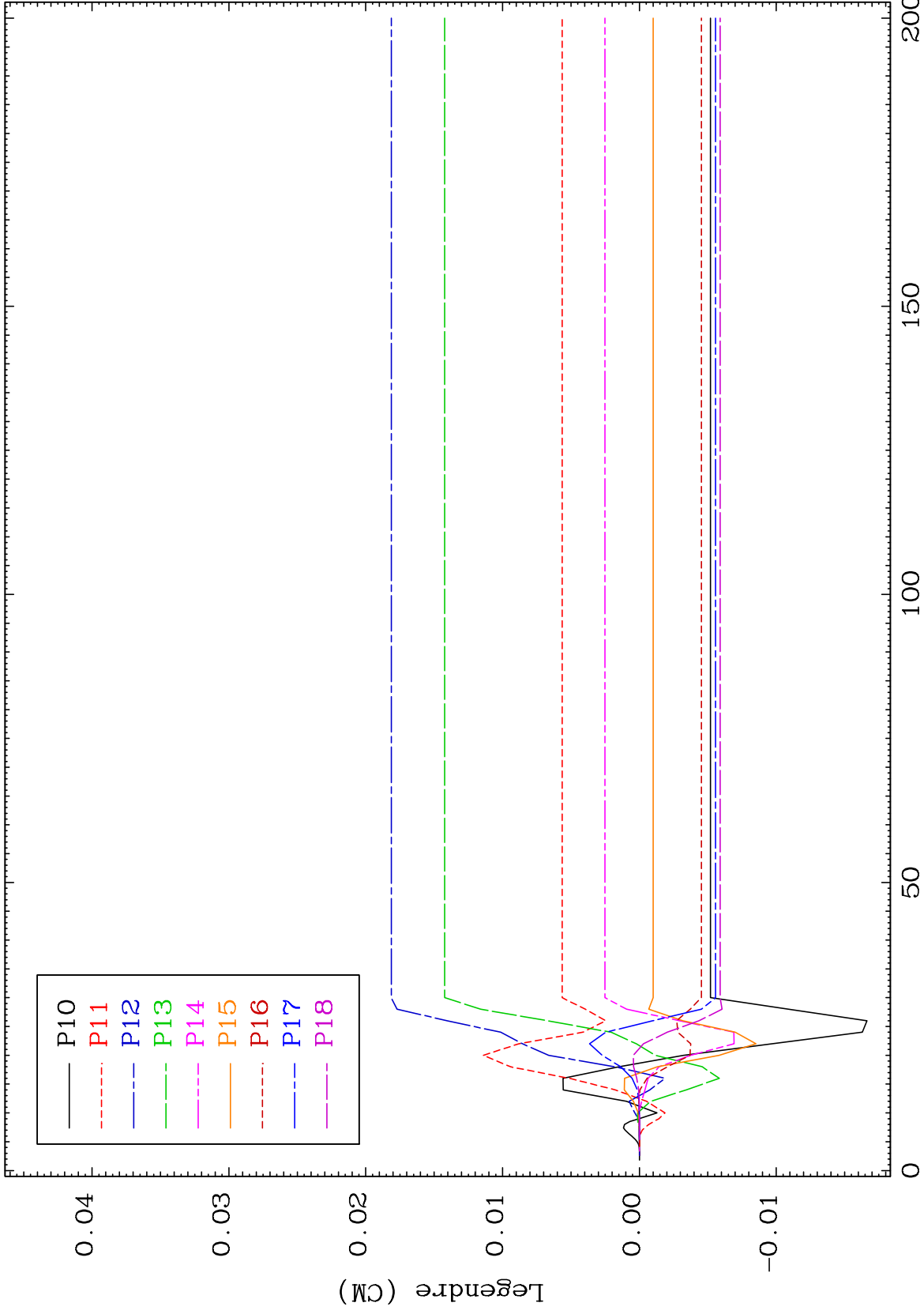
Incident Energy (MeV)

74-W -178

MAT 7419

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

74-W -178



127

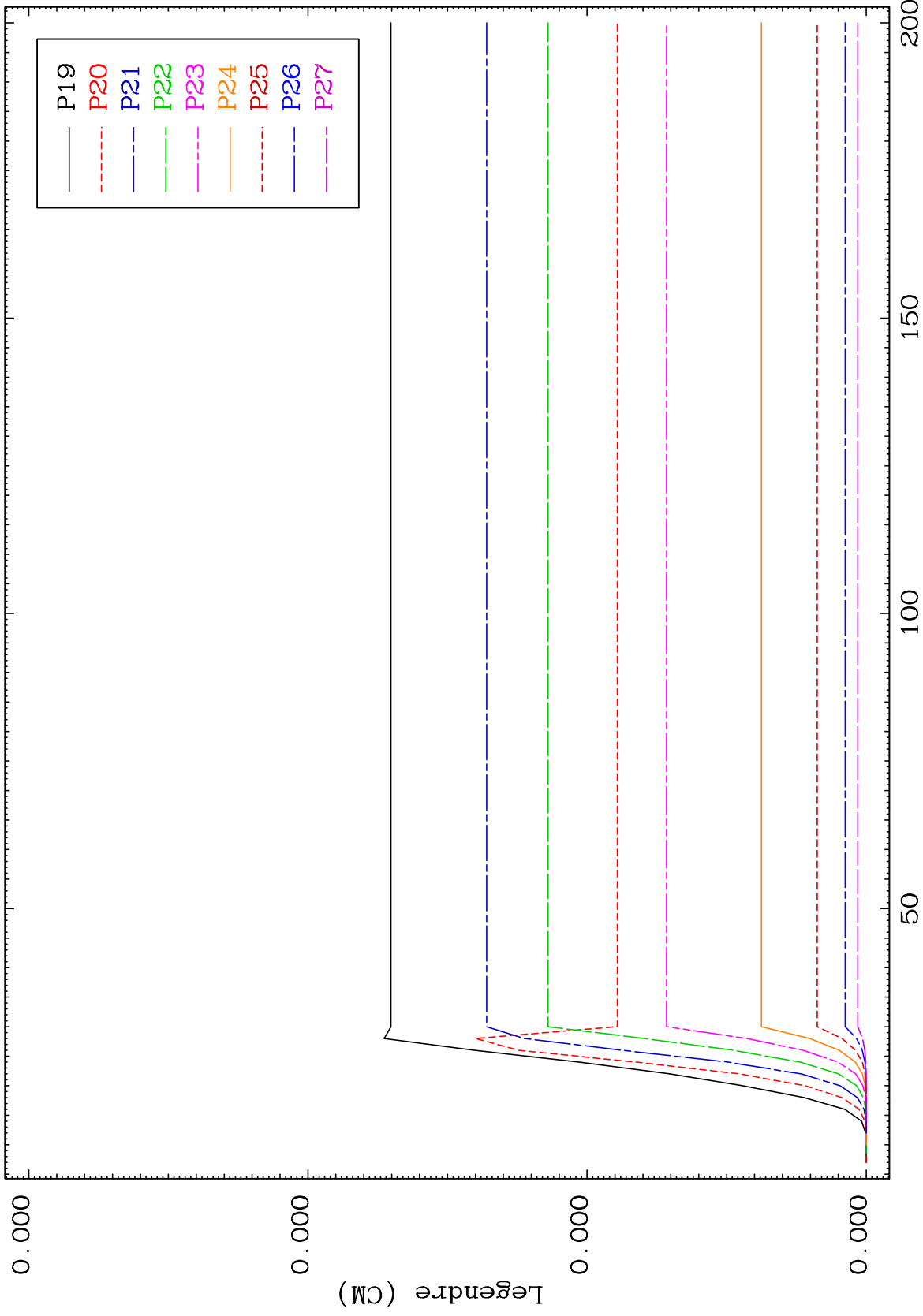
Incident Energy (MeV)

74-W -178

MAT 7419

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

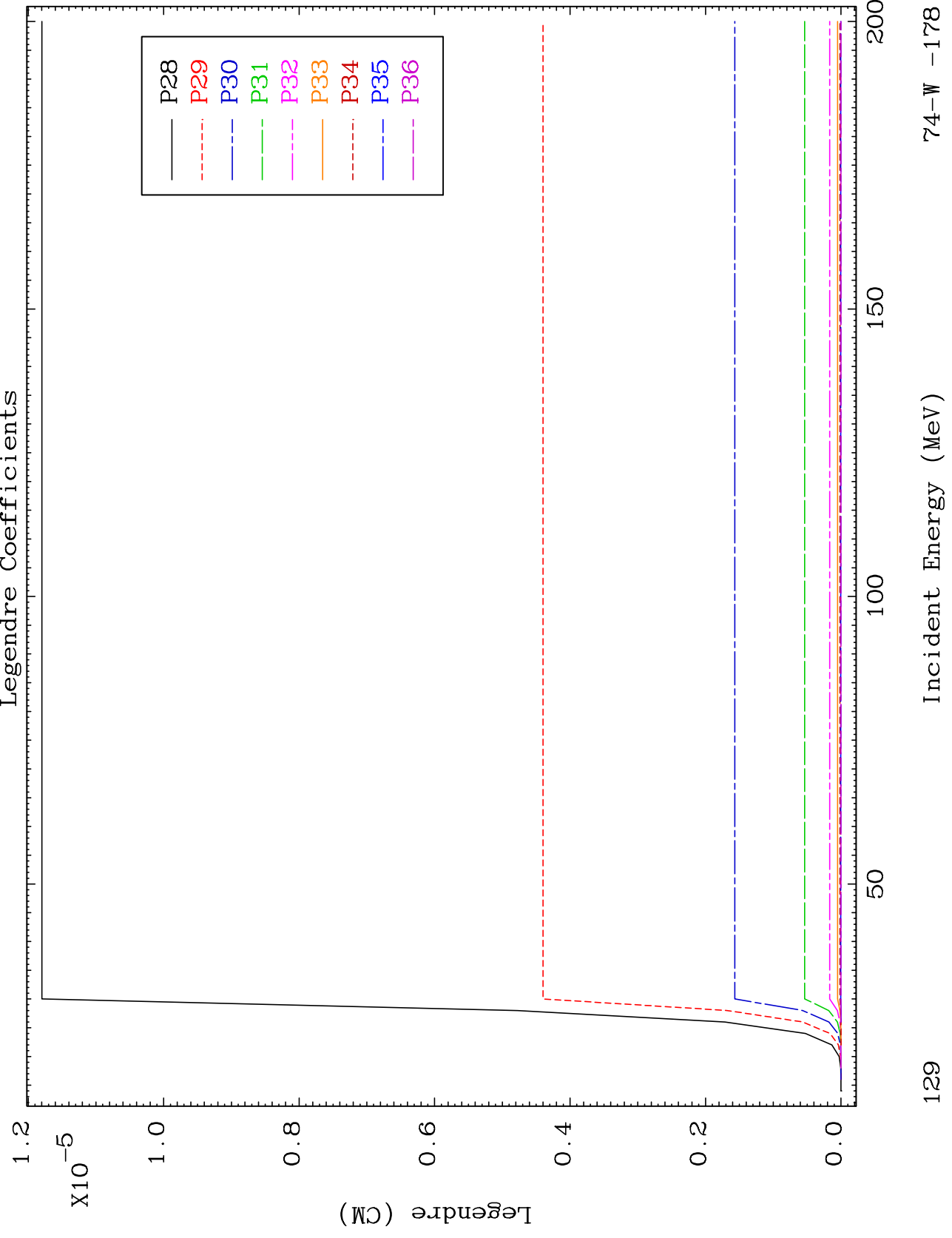
74-W -178



128

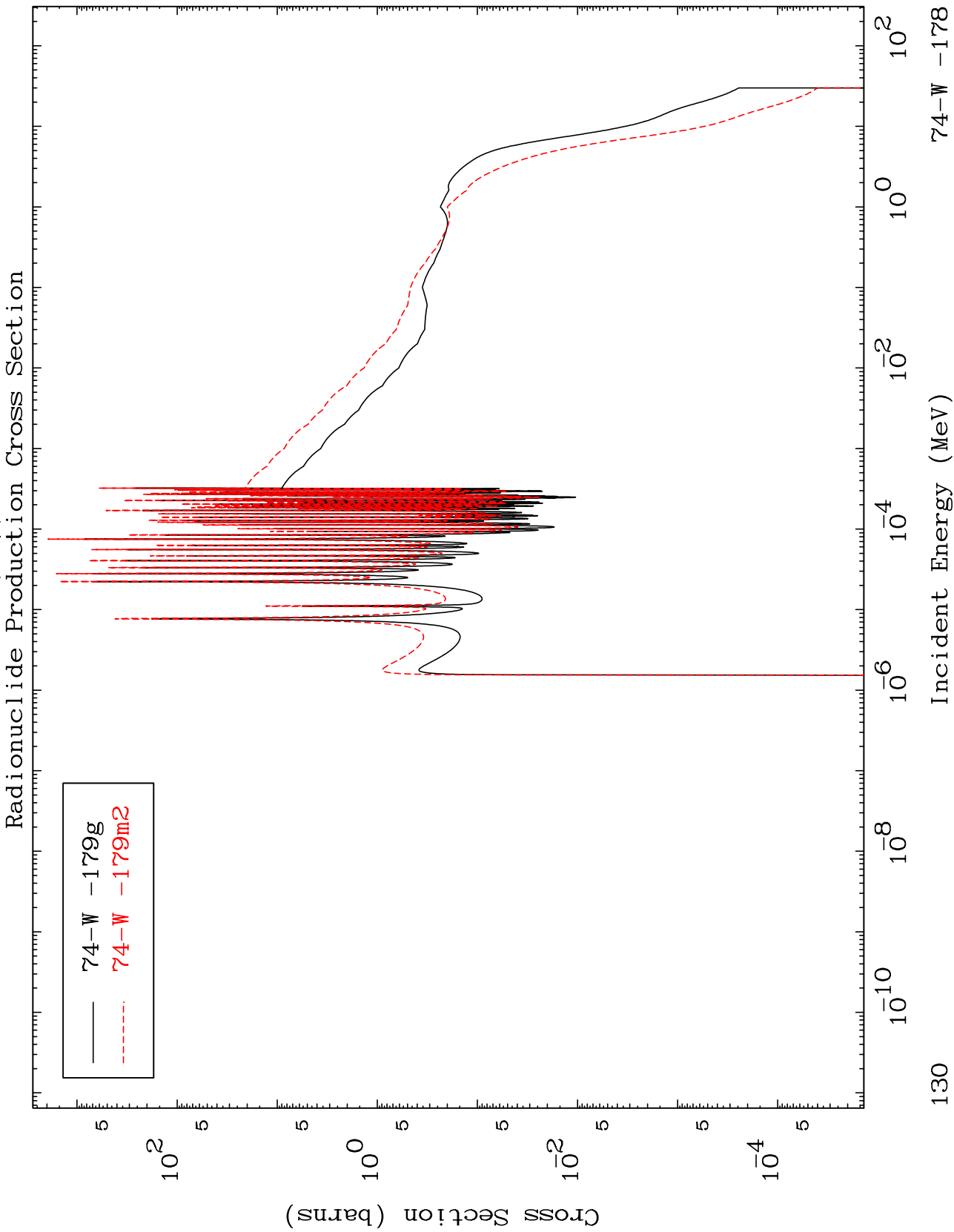
Incident Energy (MeV)

74-W -178



MAT 7419

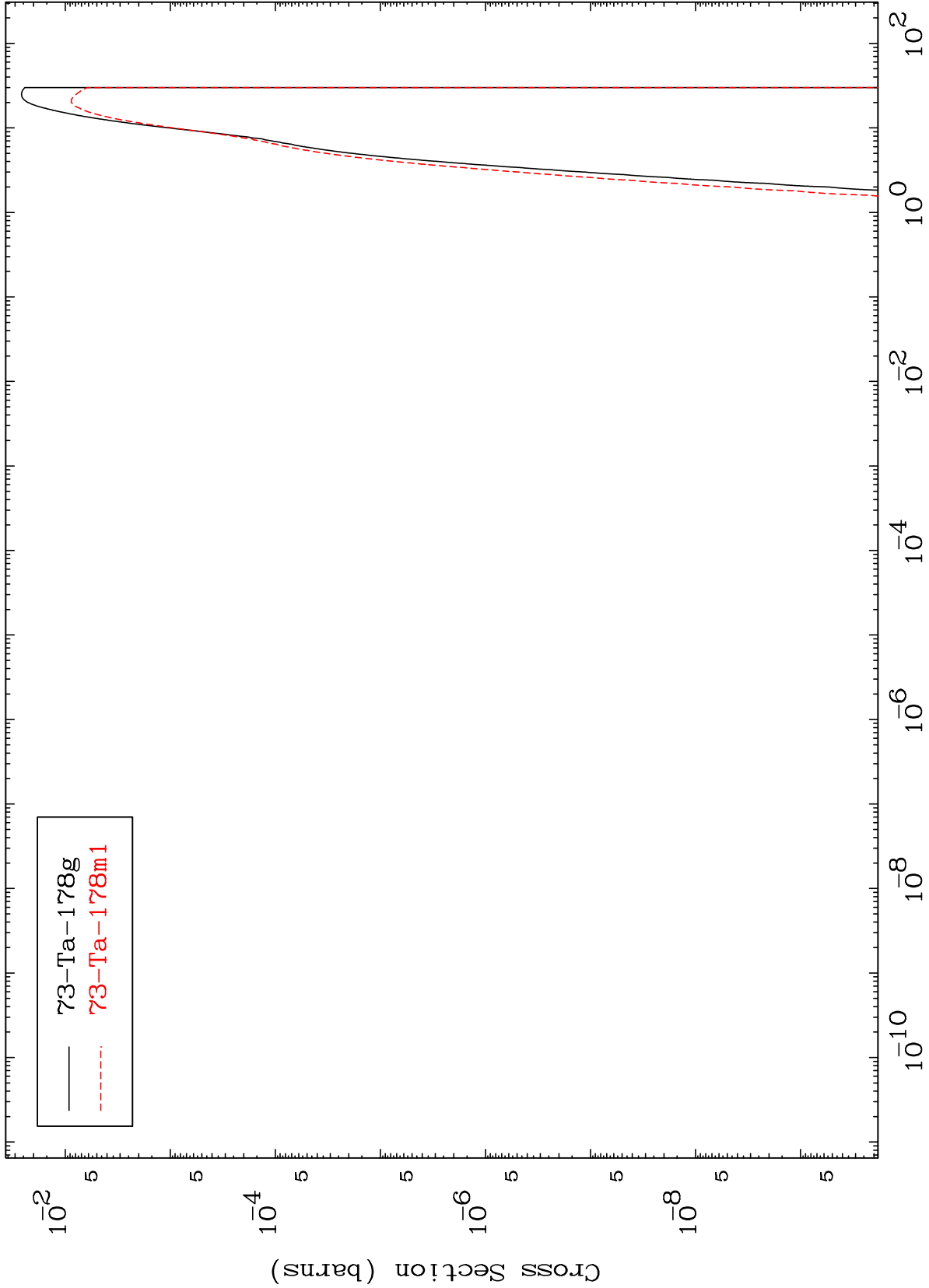
74-W -178



MAT 7419

74-W -178

(n,p)
Radionuclide Production Cross Section



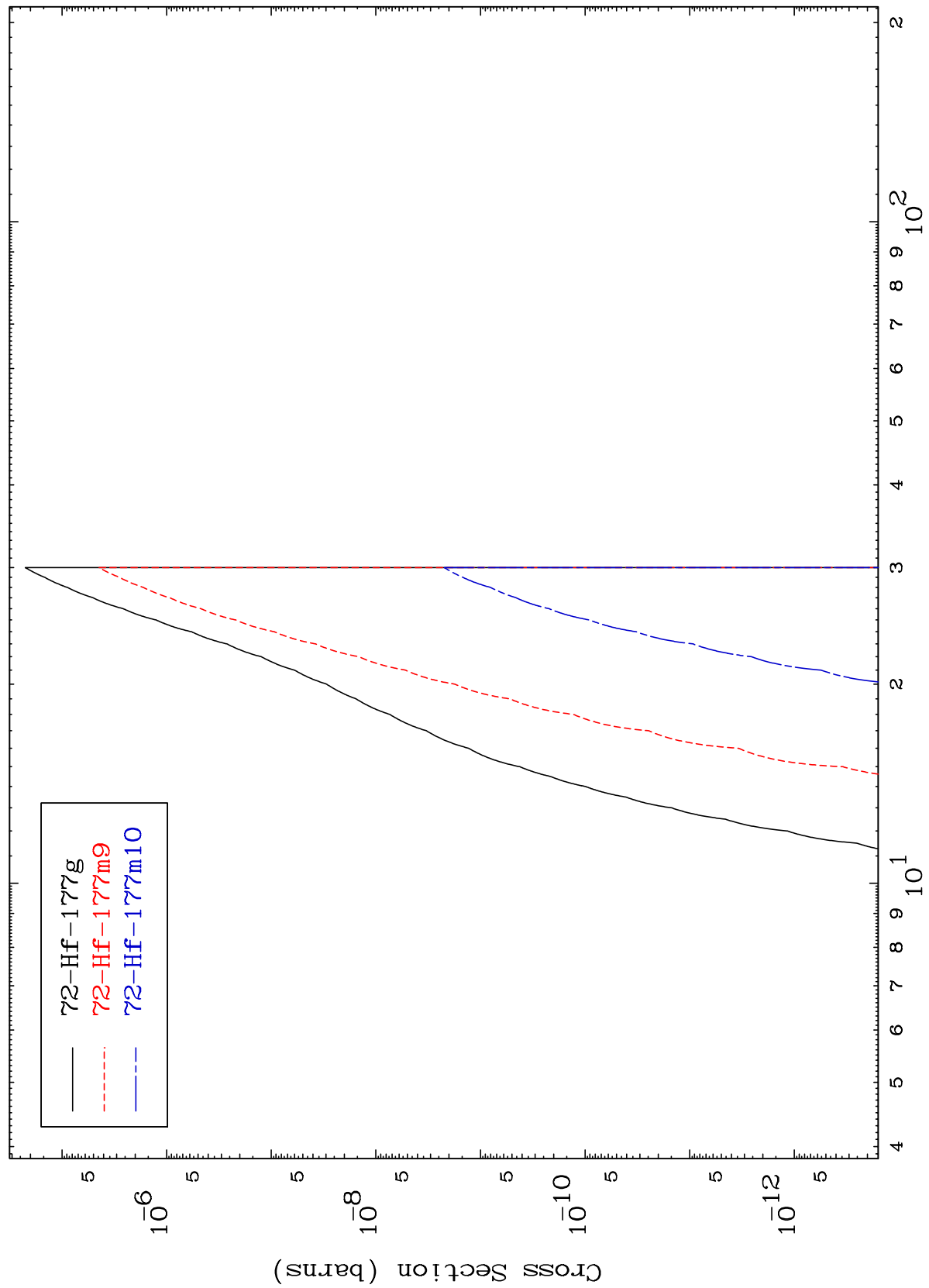
— $^{73}\text{Ta-178g}$
- - - $^{73}\text{Ta-178m1}$

74-W -178

Incident Energy (MeV)

131

Radionuclide Production Cross Section (n,2p)



MAT 7419

(n,p) α

74-W -178

Radionuclide Production Cross Section

