

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

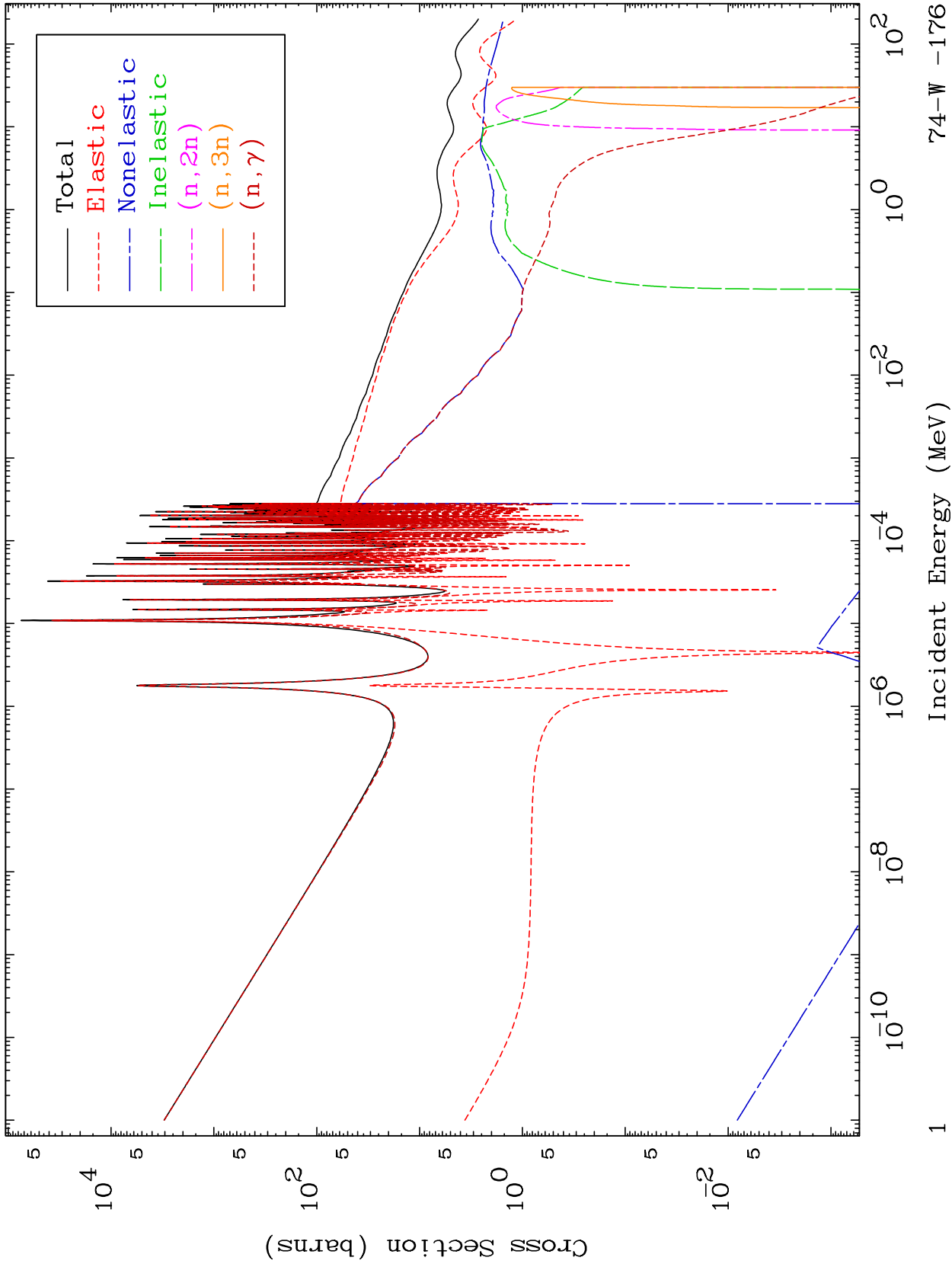
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7413

Neutron Major
293 Kelvin Cross Sections

74-W -176

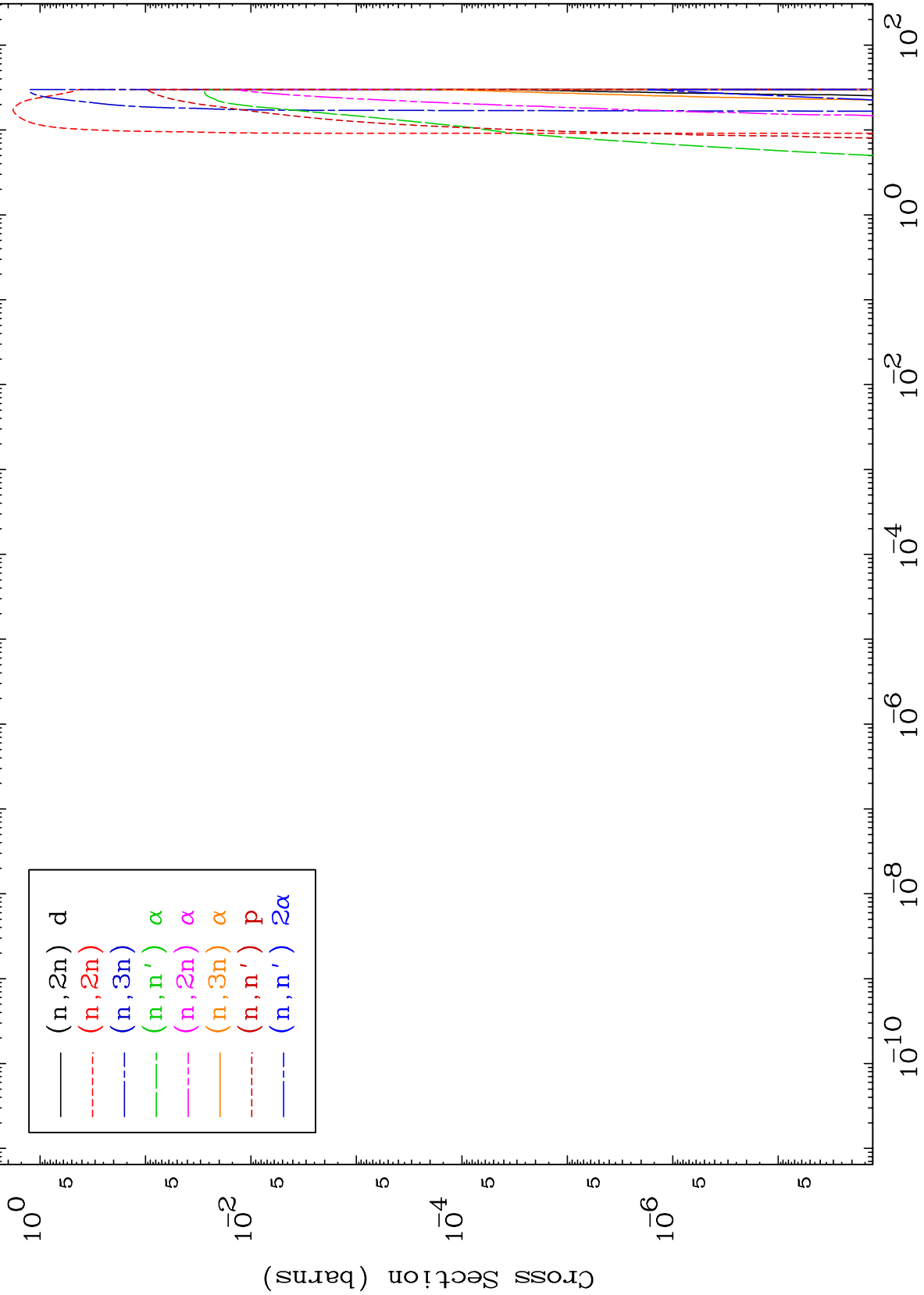


74-W -176

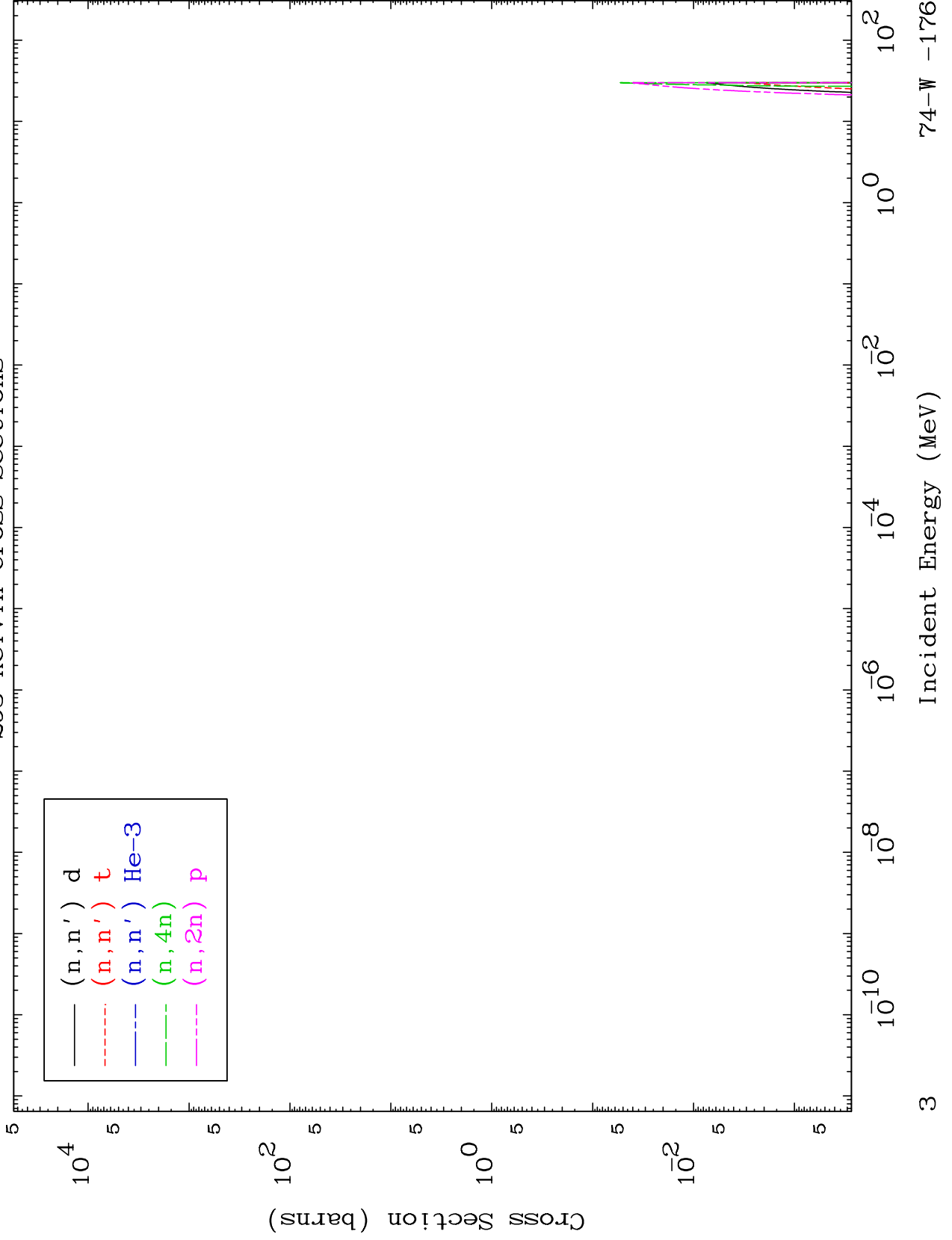
MAT 7413

Neutron Absorption
293 Kelvin Cross Sections

74-W -176



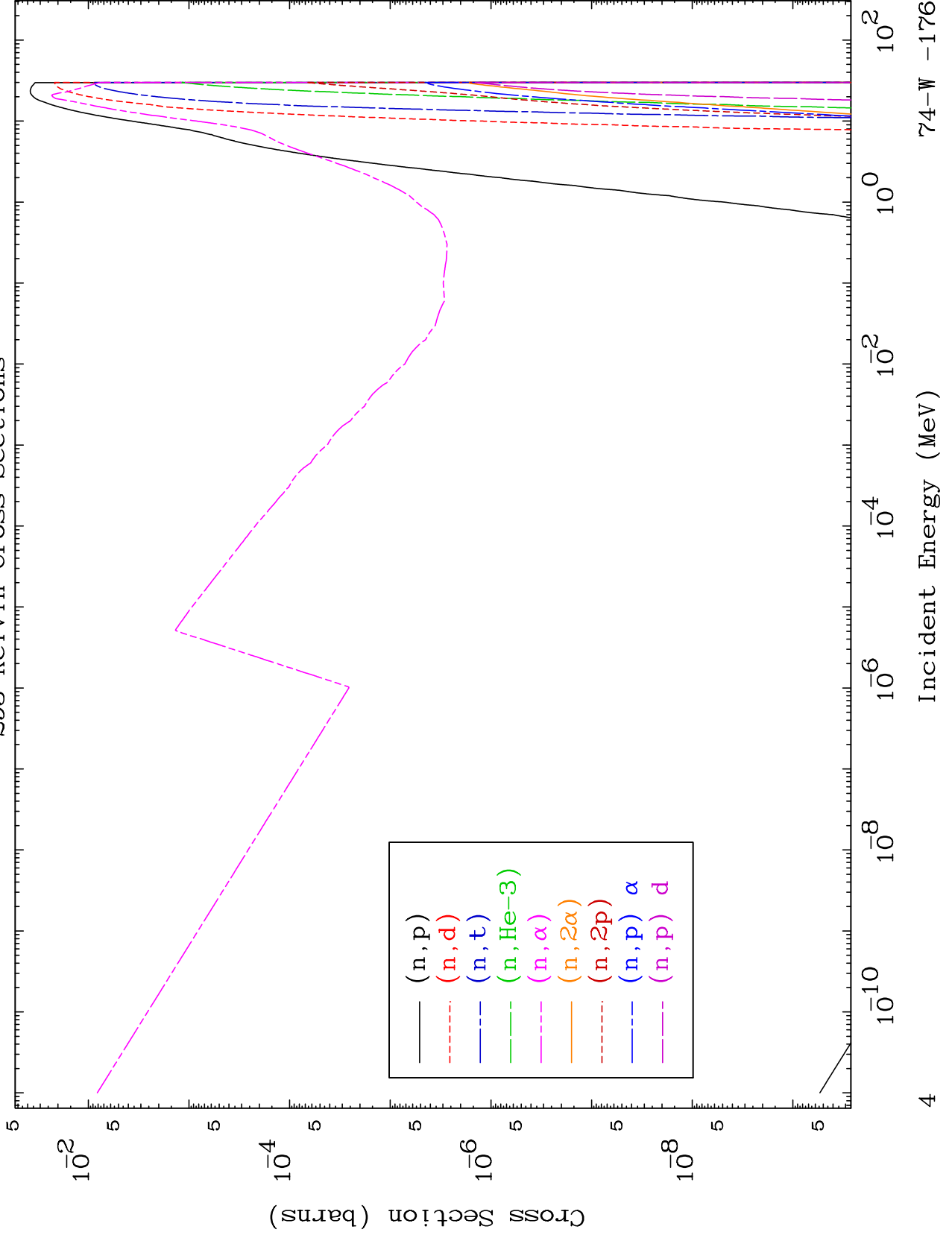
74-W -176



MAT 7413

Neutron Absorption
293 Kelvin Cross Sections

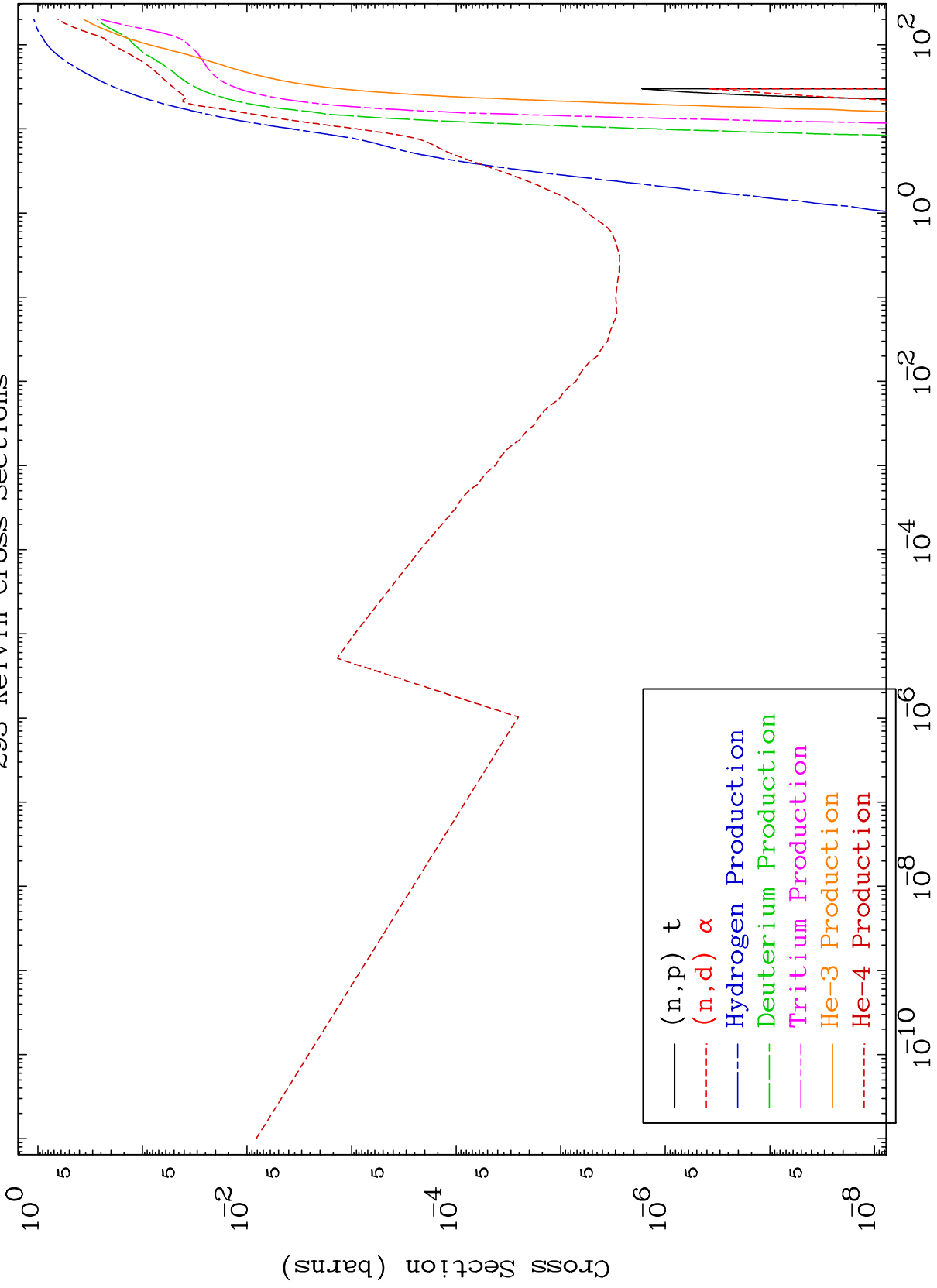
74-W -176



MAT 7413

Neutron Absorption
293 Kelvin Cross Sections

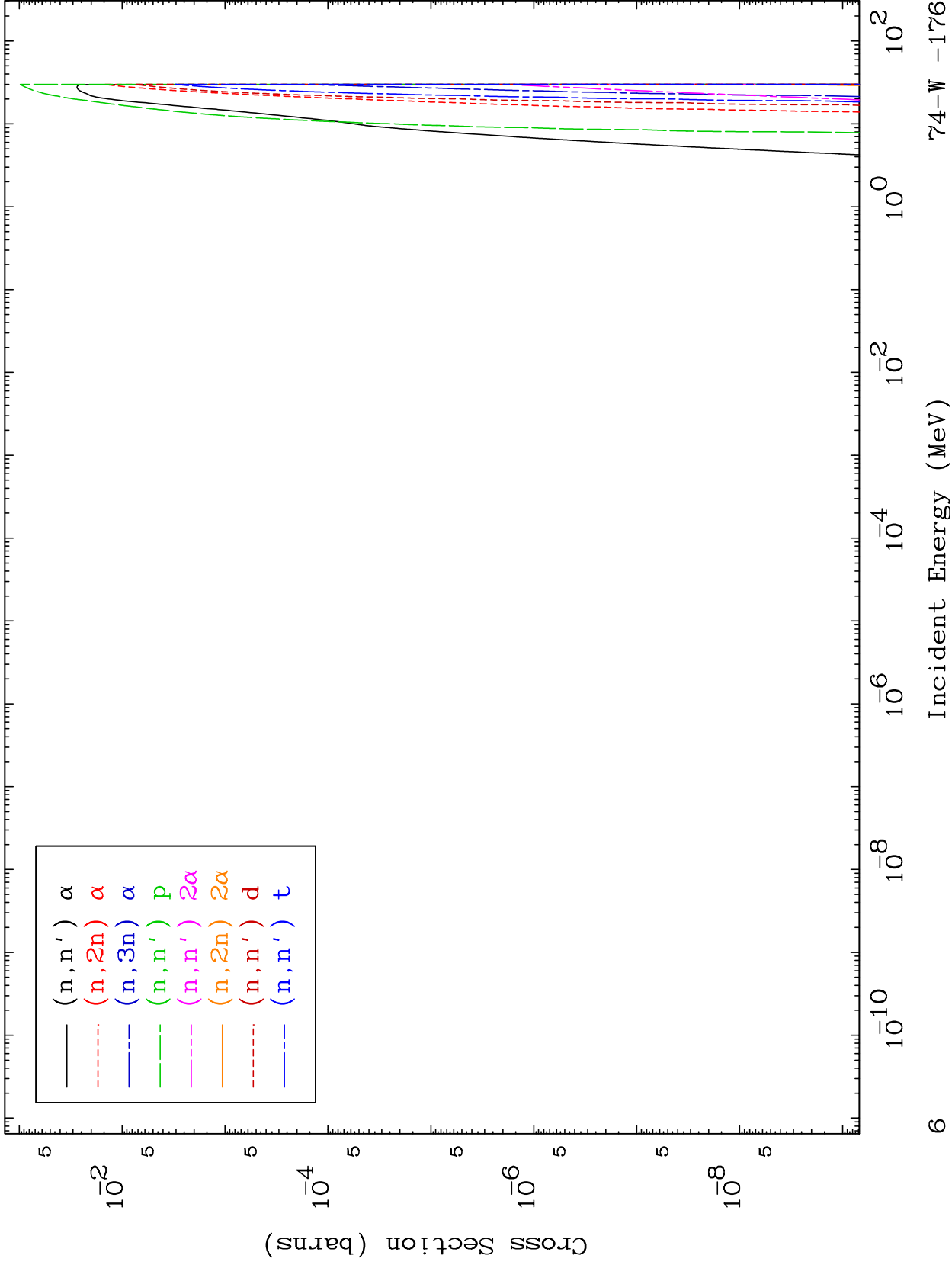
74-W -176

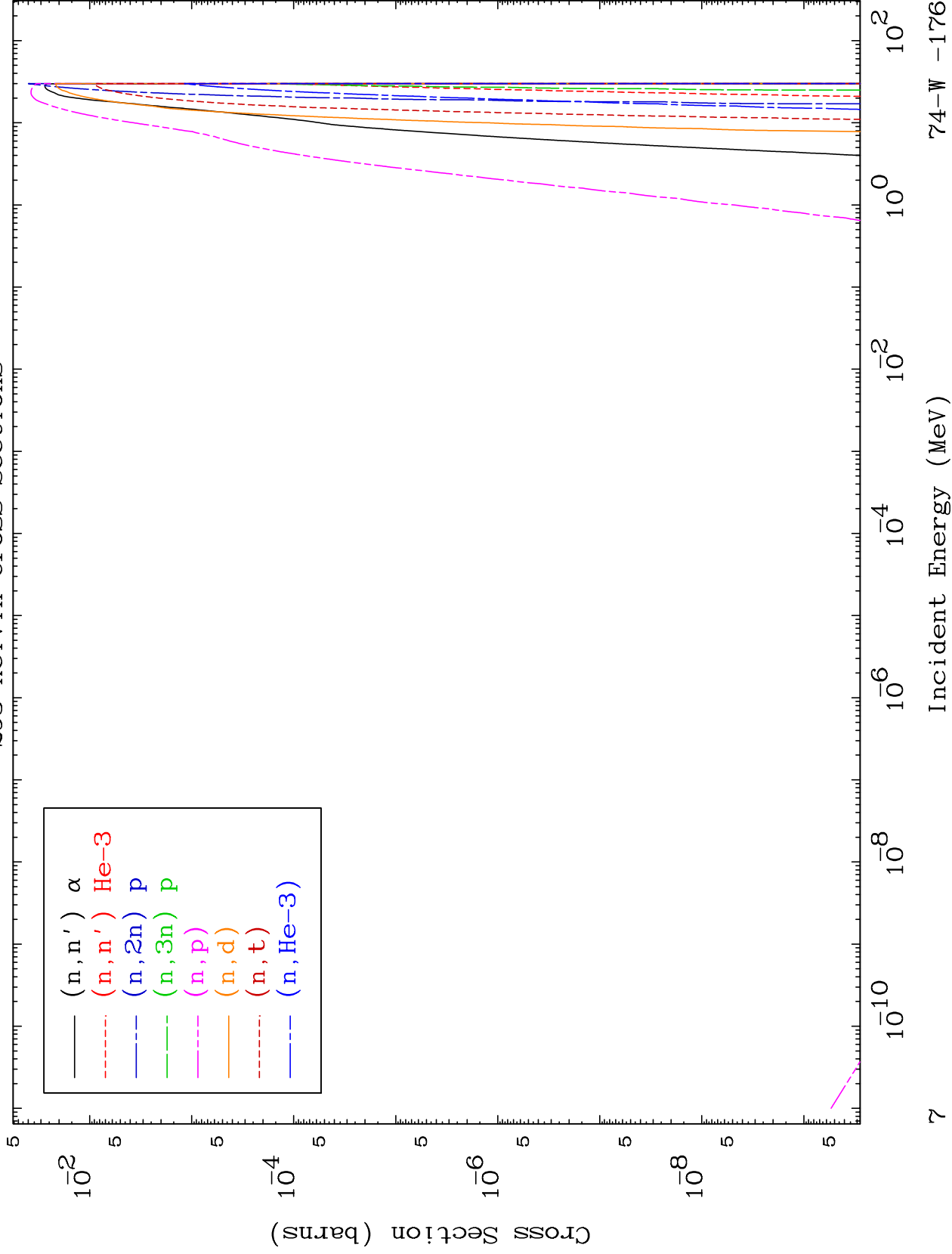


MAT 7413

Charged Particle
293 Kelvin Cross Sections

74-W -176

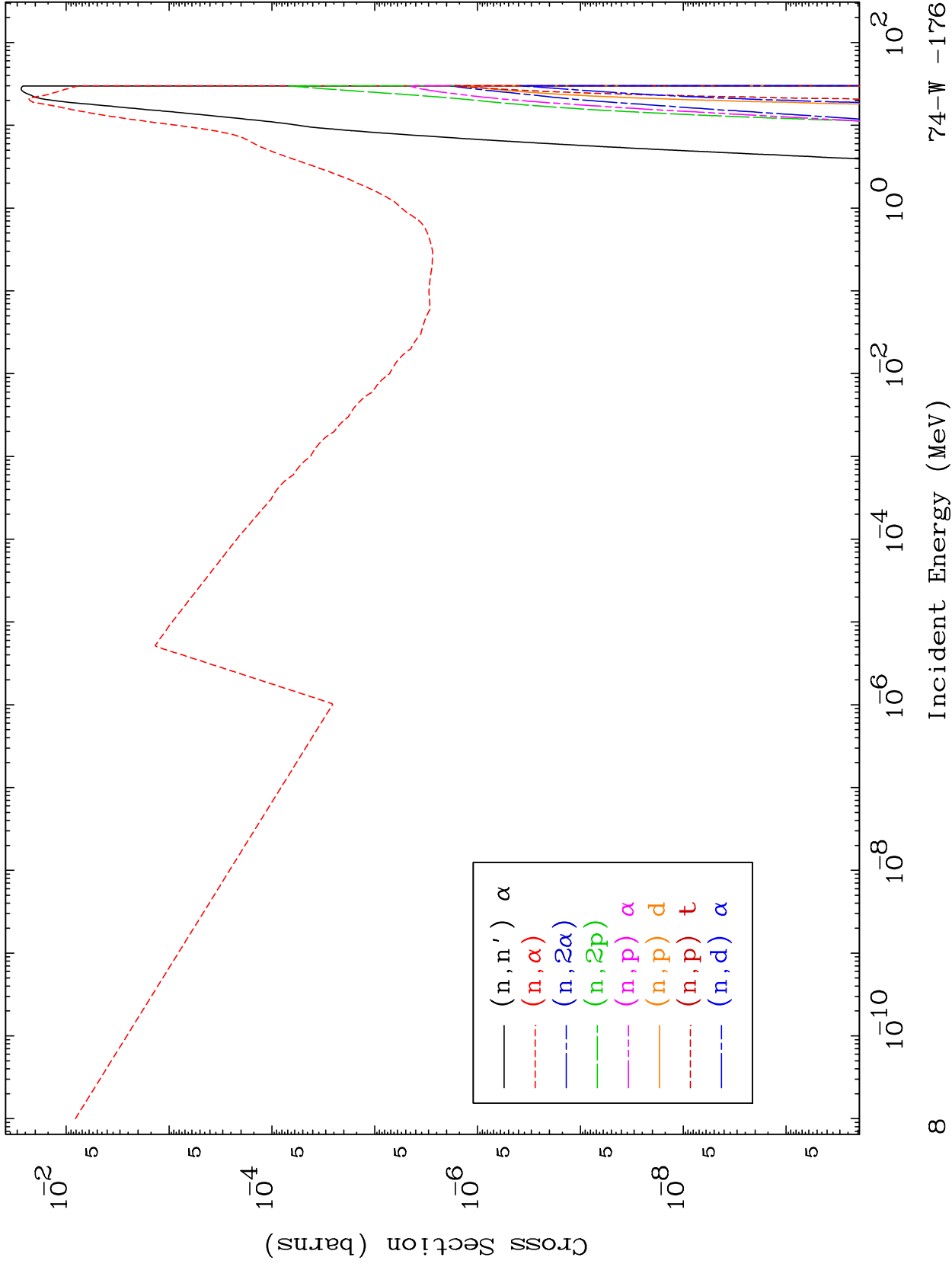




MAT 7413

Charged Particle
293 Kelvin Cross Sections

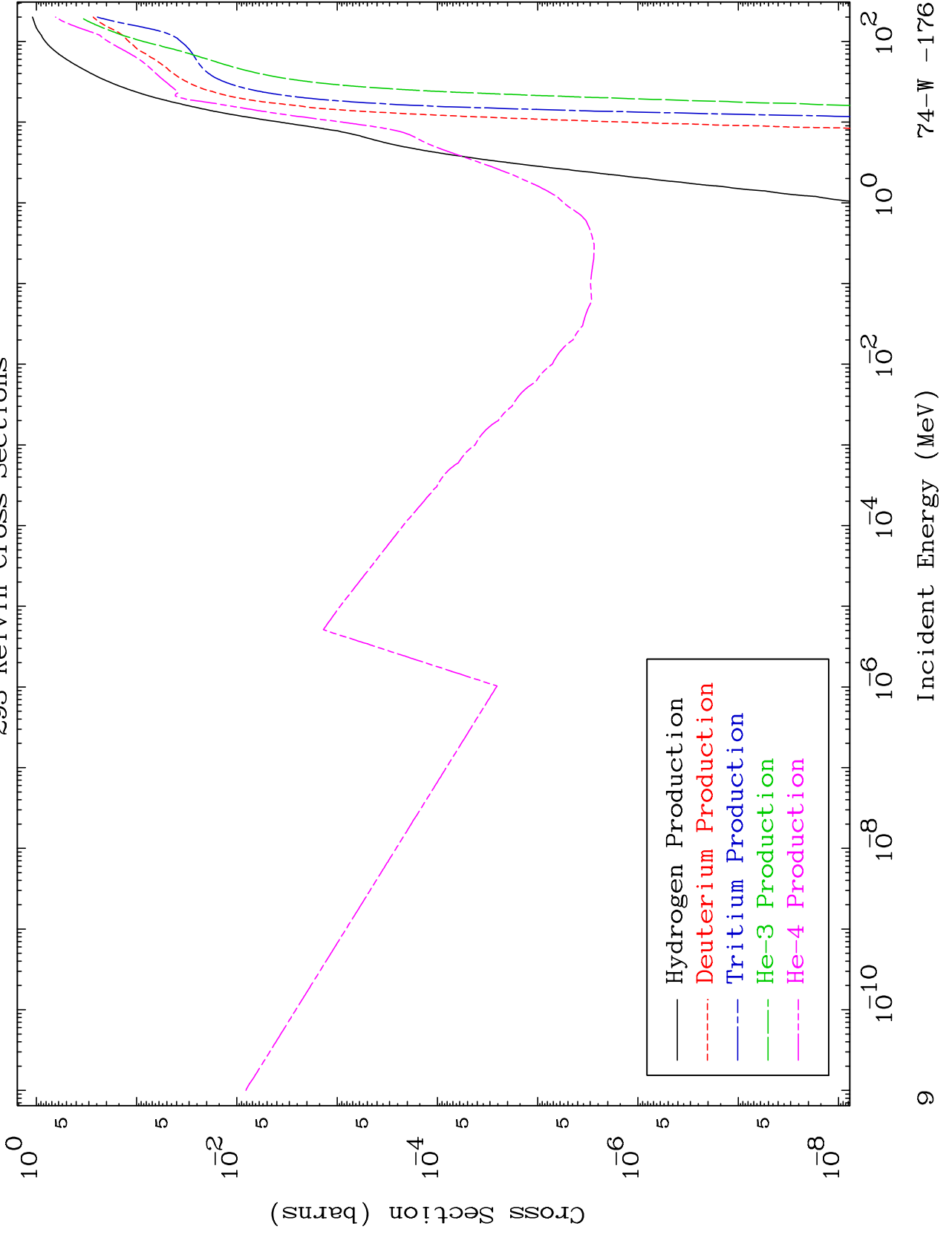
74-W -176



MAT 7413

Particle Production
293 Kelvin Cross Sections

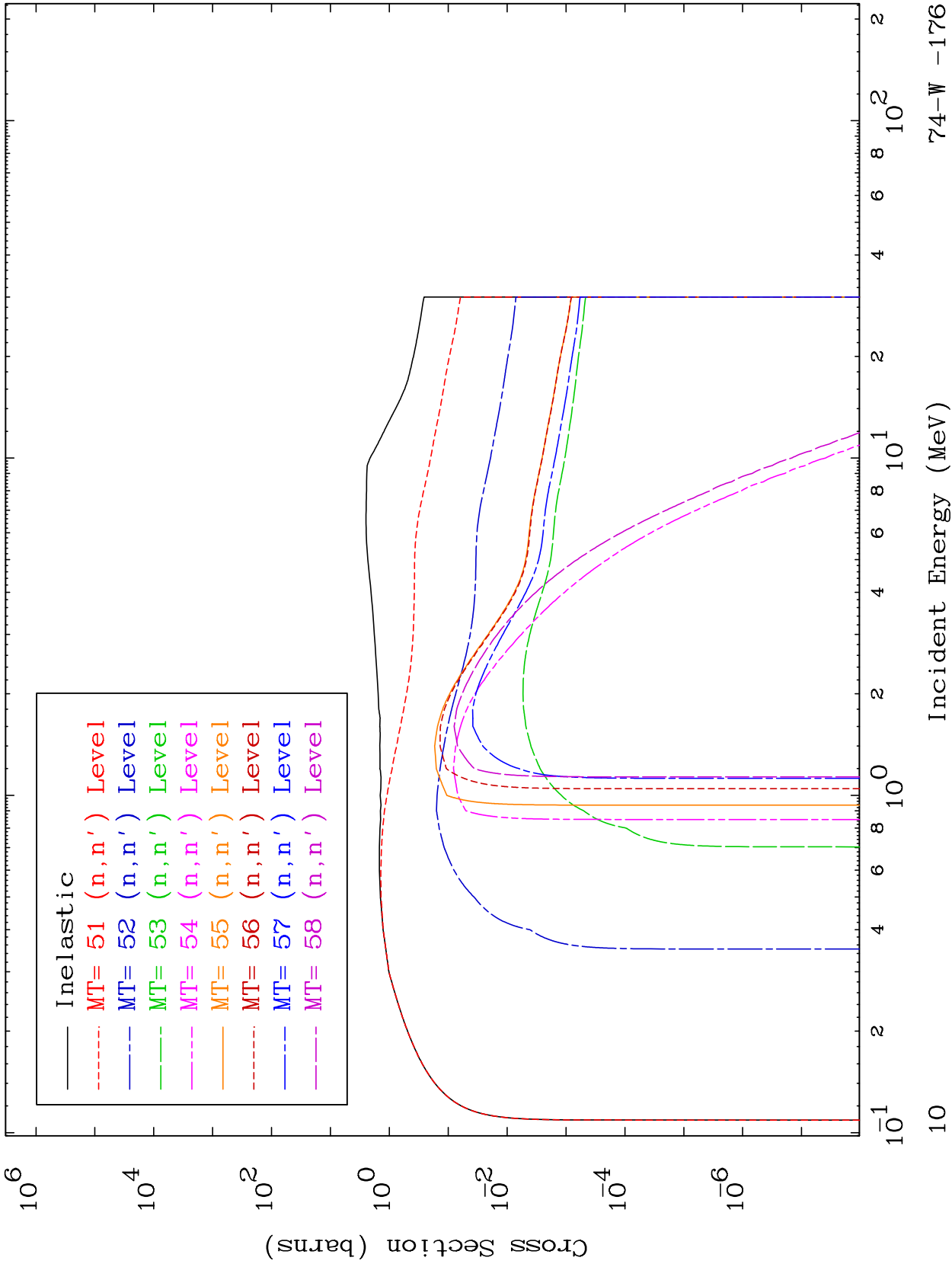
74-W -176



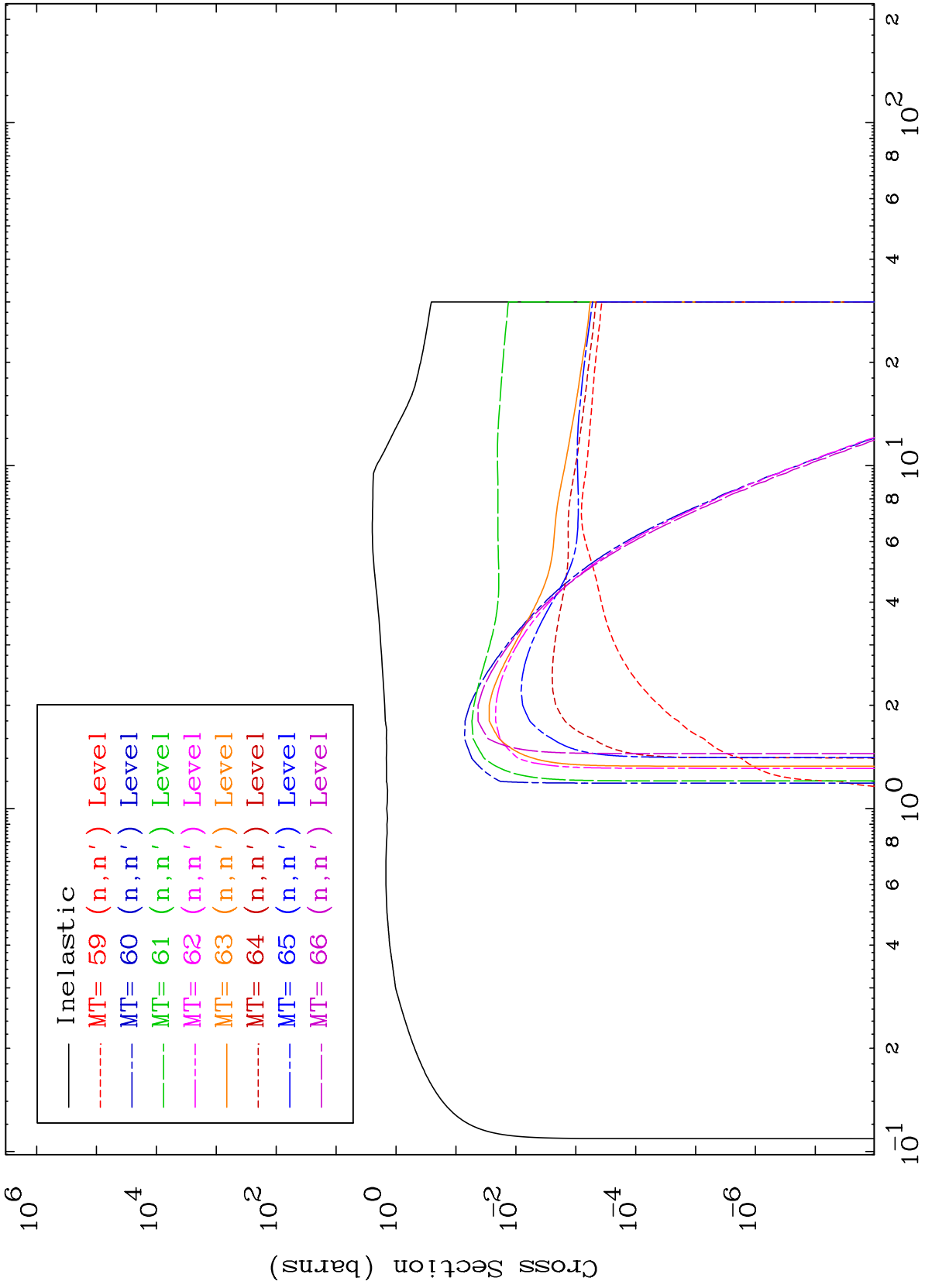
MAT 7413

293 Kelvin Cross Sections
(n,n') Levels

74-W -176



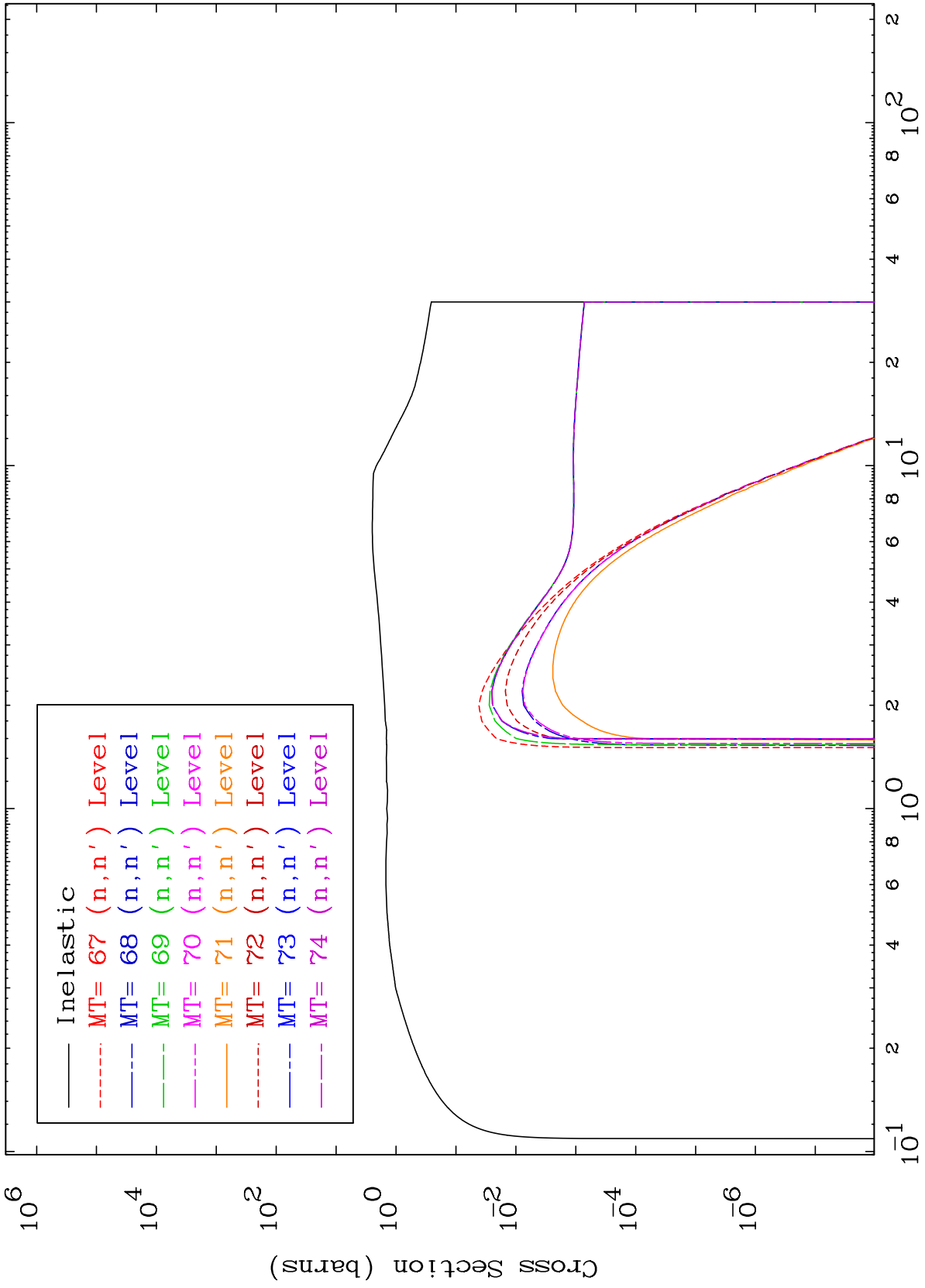
74-W -176



MAT 7413

(n,n') Levels
293 Kelvin Cross Sections

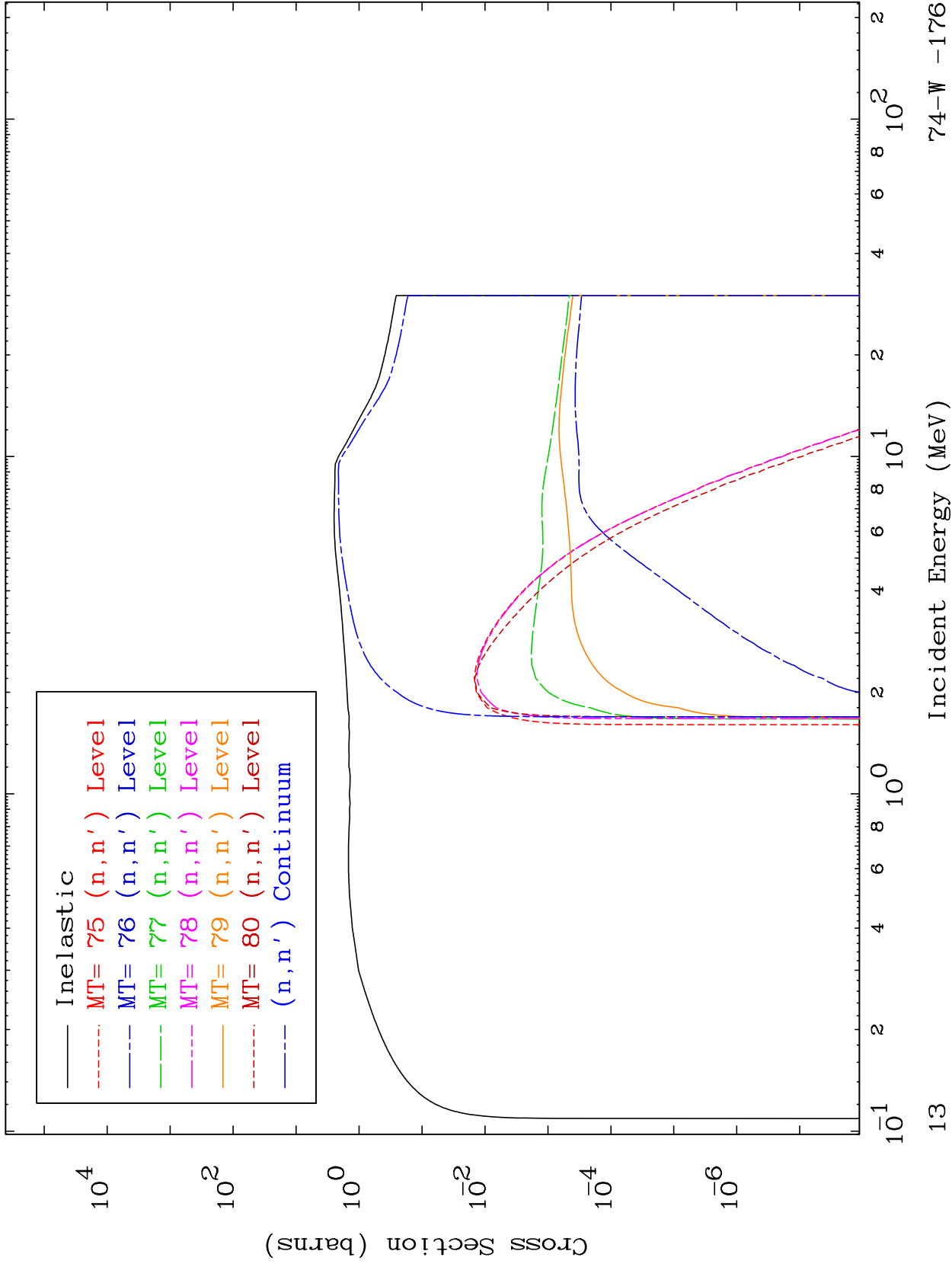
74-W -176



12

Incident Energy (MeV)

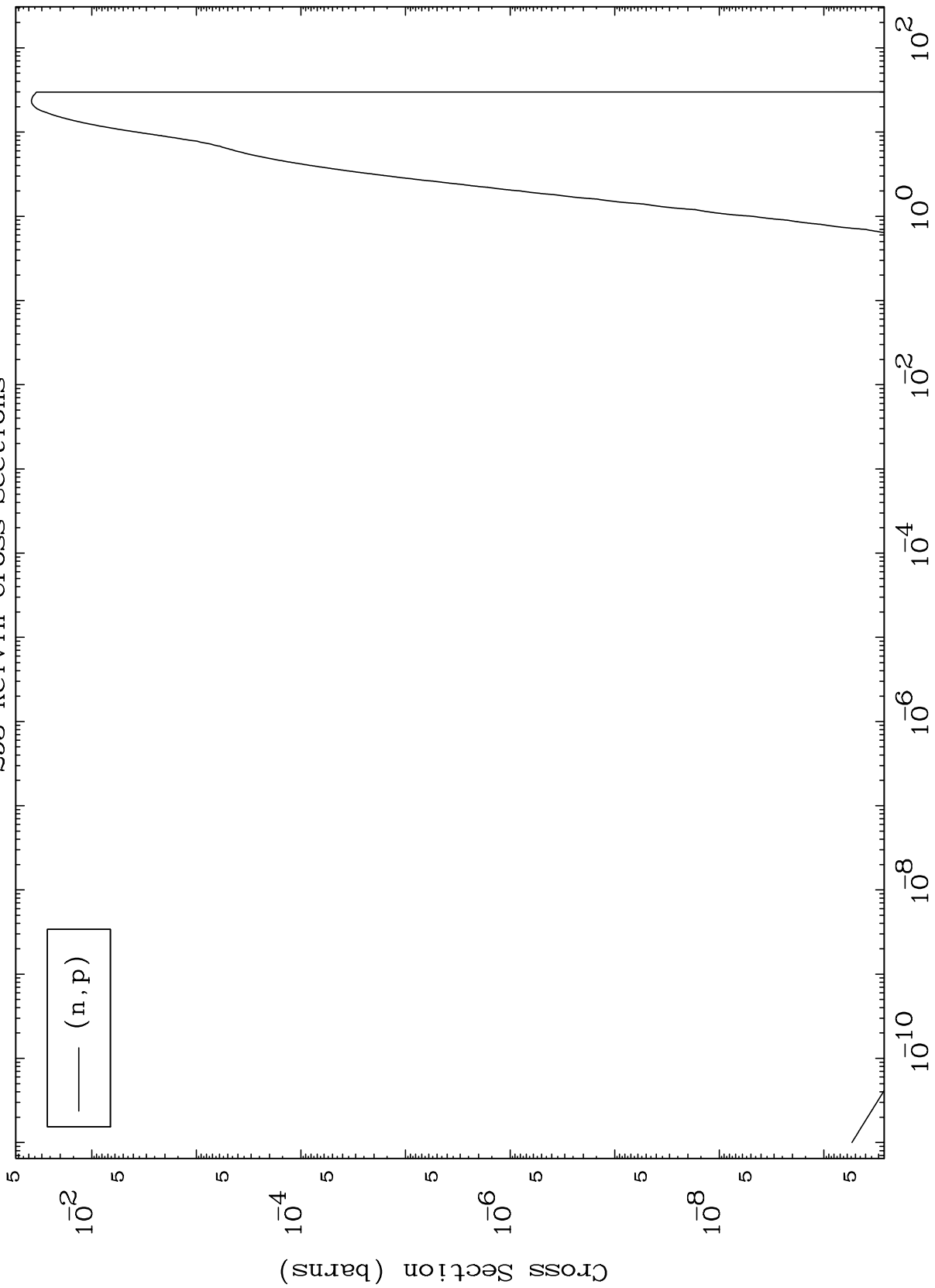
74-W -176



MAT 7413

(n,p) Levels
293 Kelvin Cross Sections

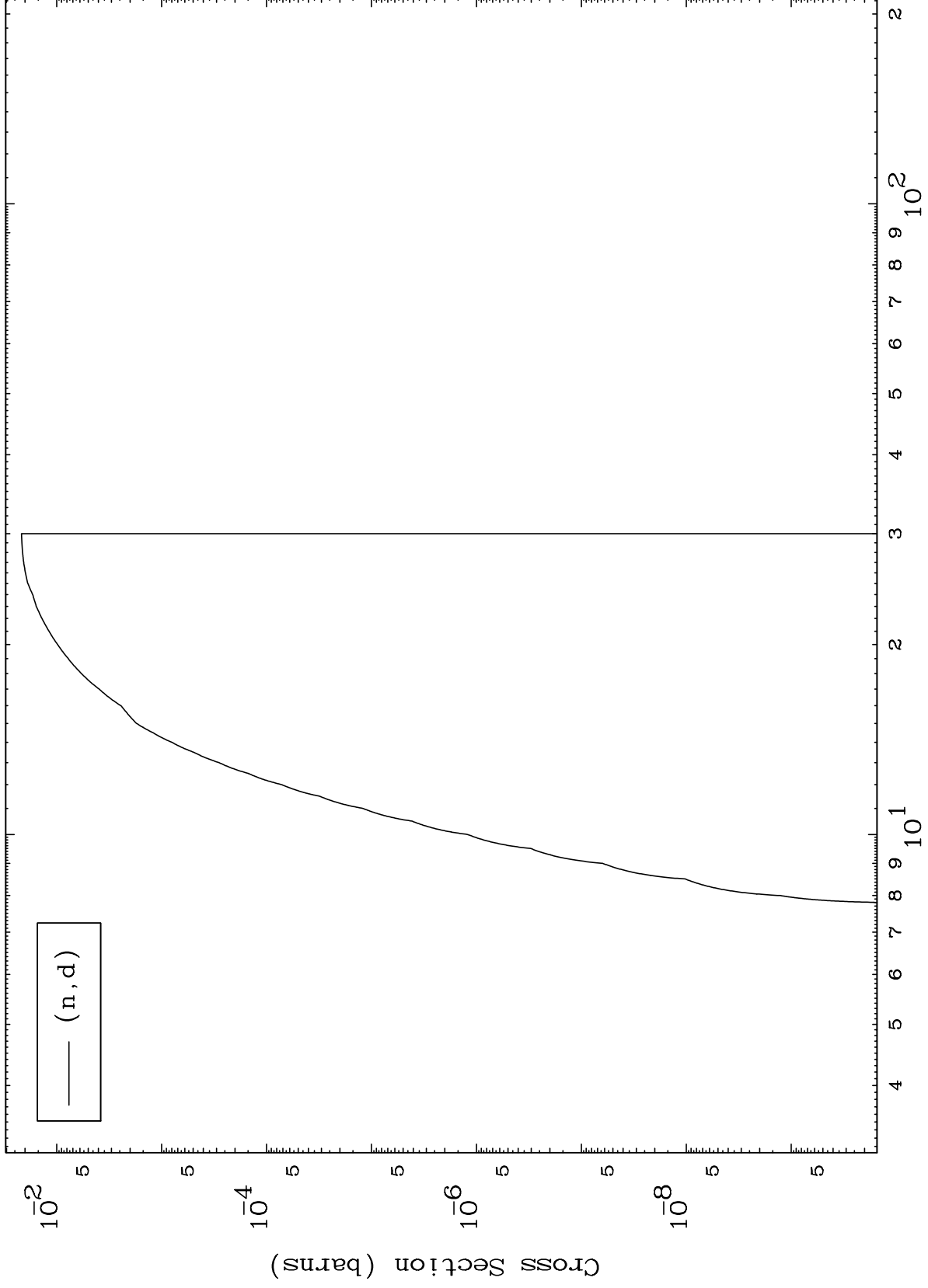
74-W -176



MAT 7413

(n,d) Levels
293 Kelvin Cross Sections

74-W -176



15

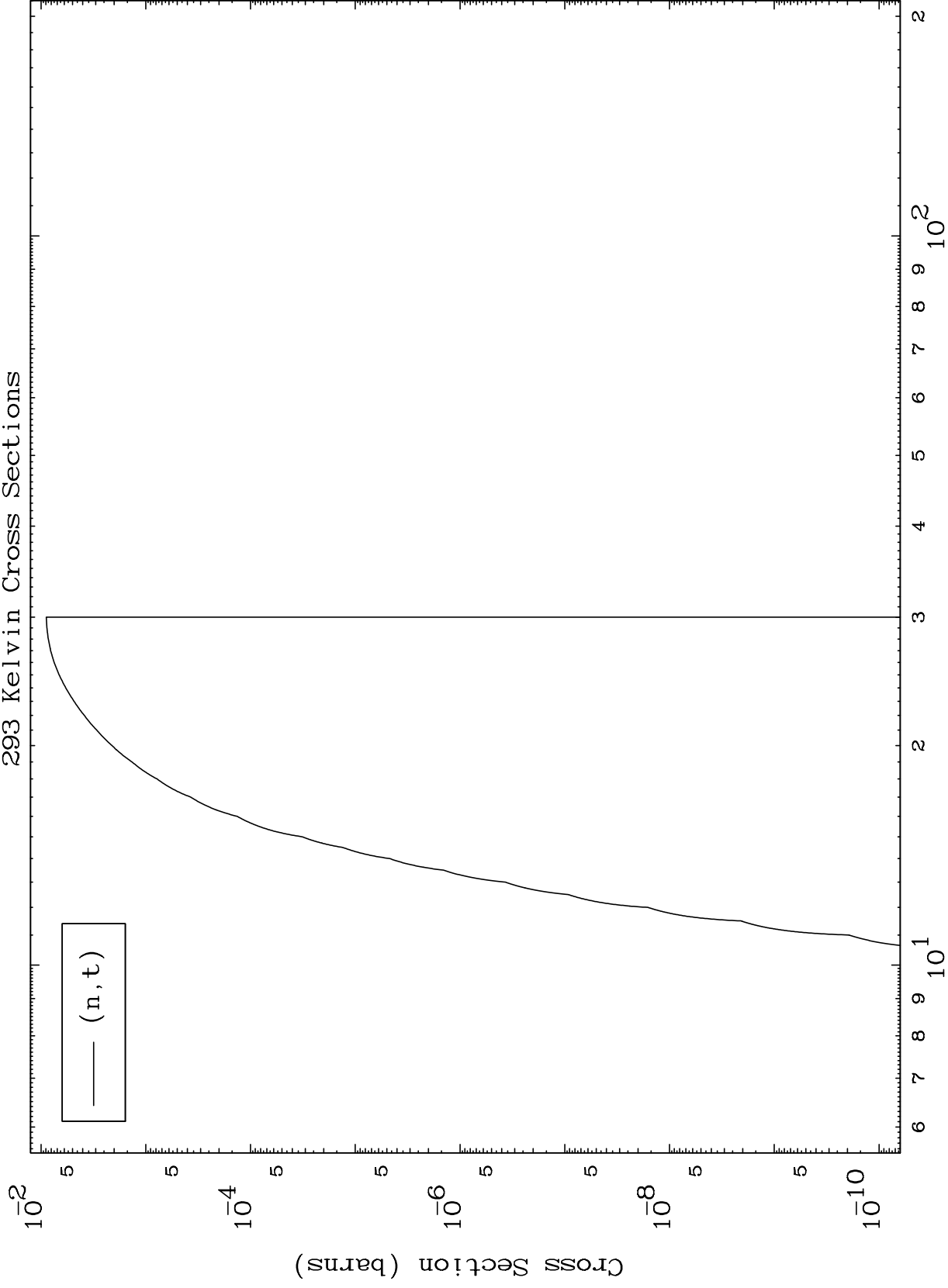
Incident Energy (MeV)

74-W -176

MAT 7413

(n, t) Levels
293 Kelvin Cross Sections

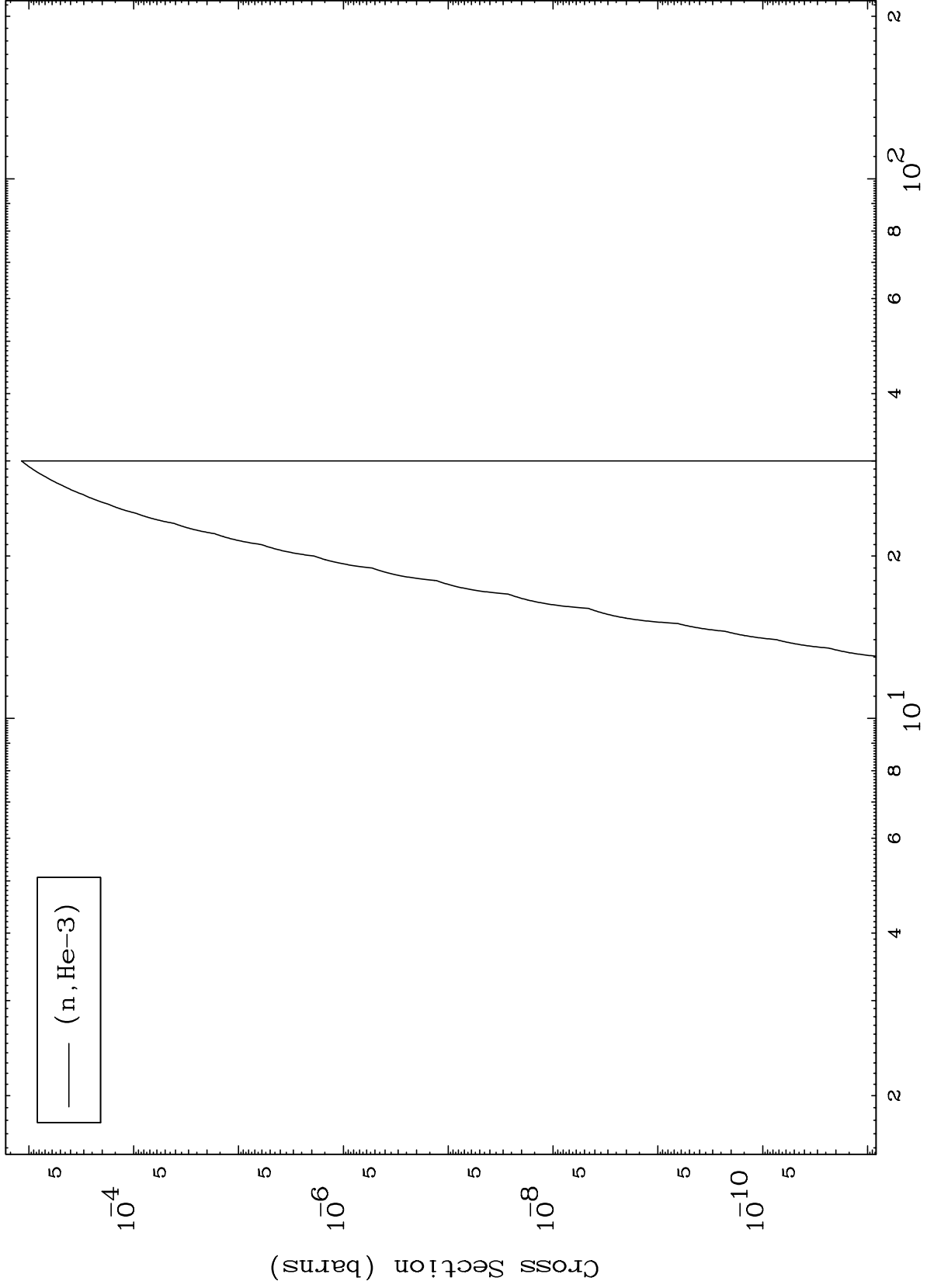
74-W -176



16

Incident Energy (MeV)

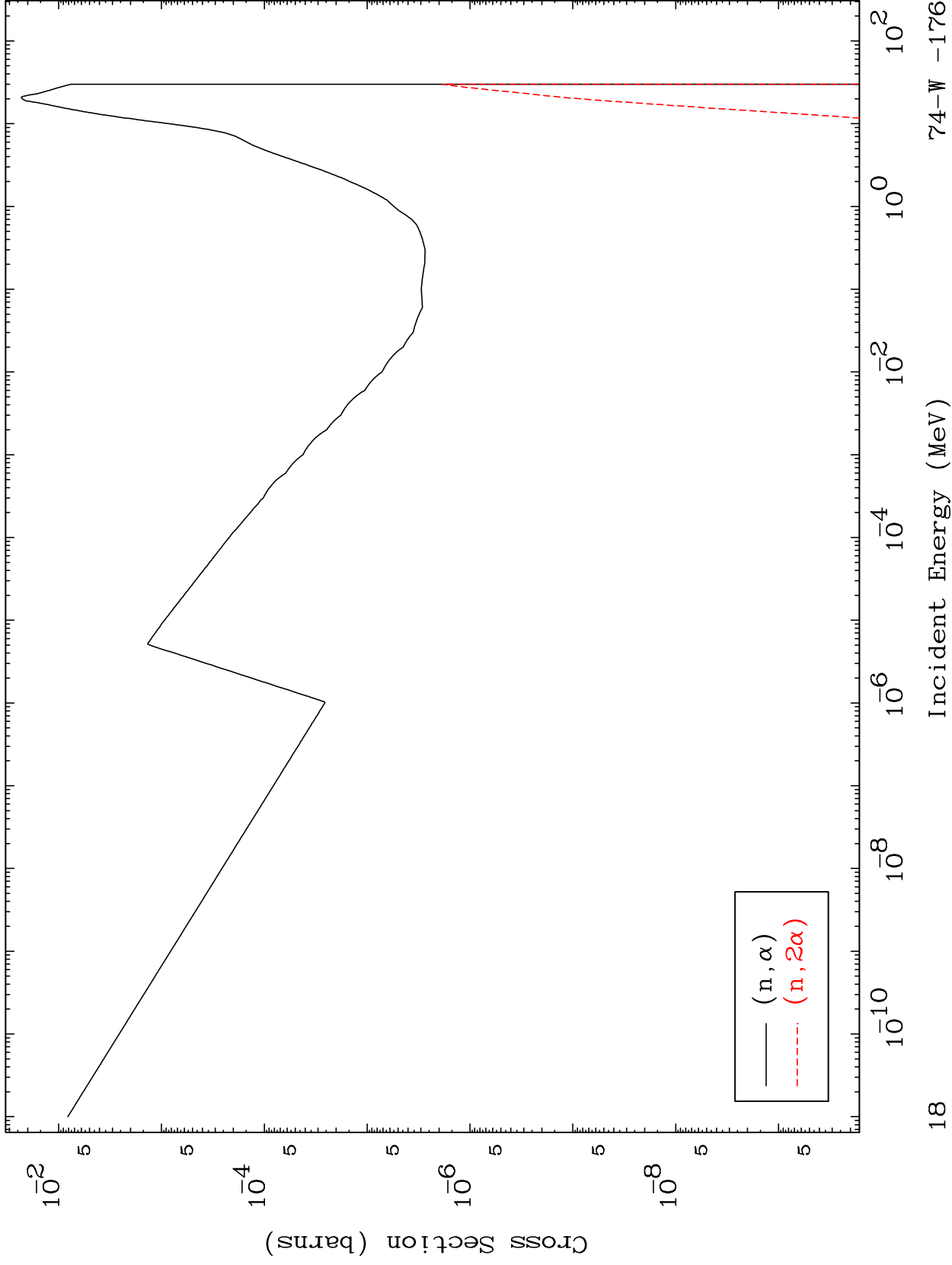
74-W -176



MAT 7413

(n, α) Levels
293 Kelvin Cross Sections

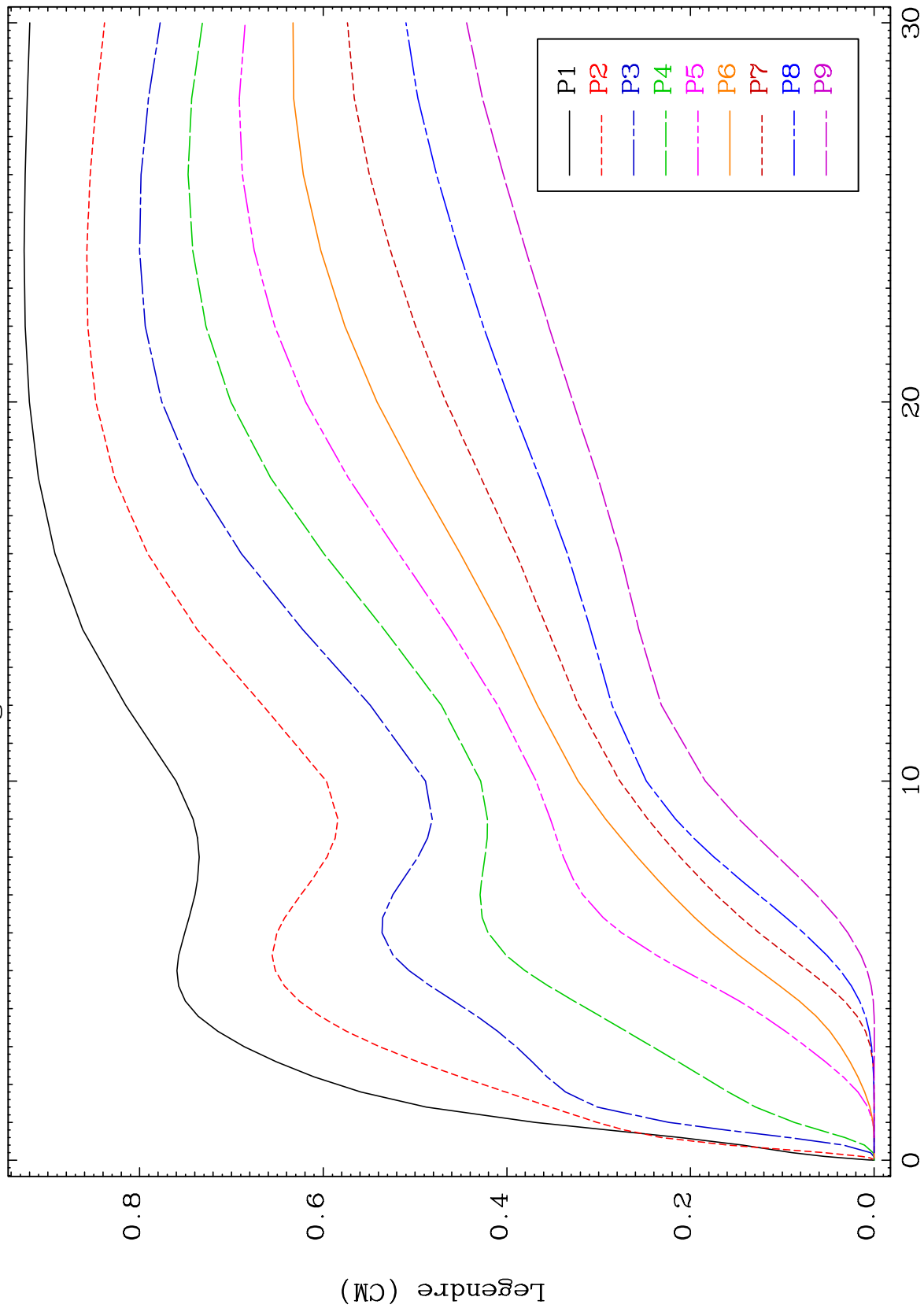
74-W -176



MAT 7413

74-W -176

Elastic Legendre Coefficients



19

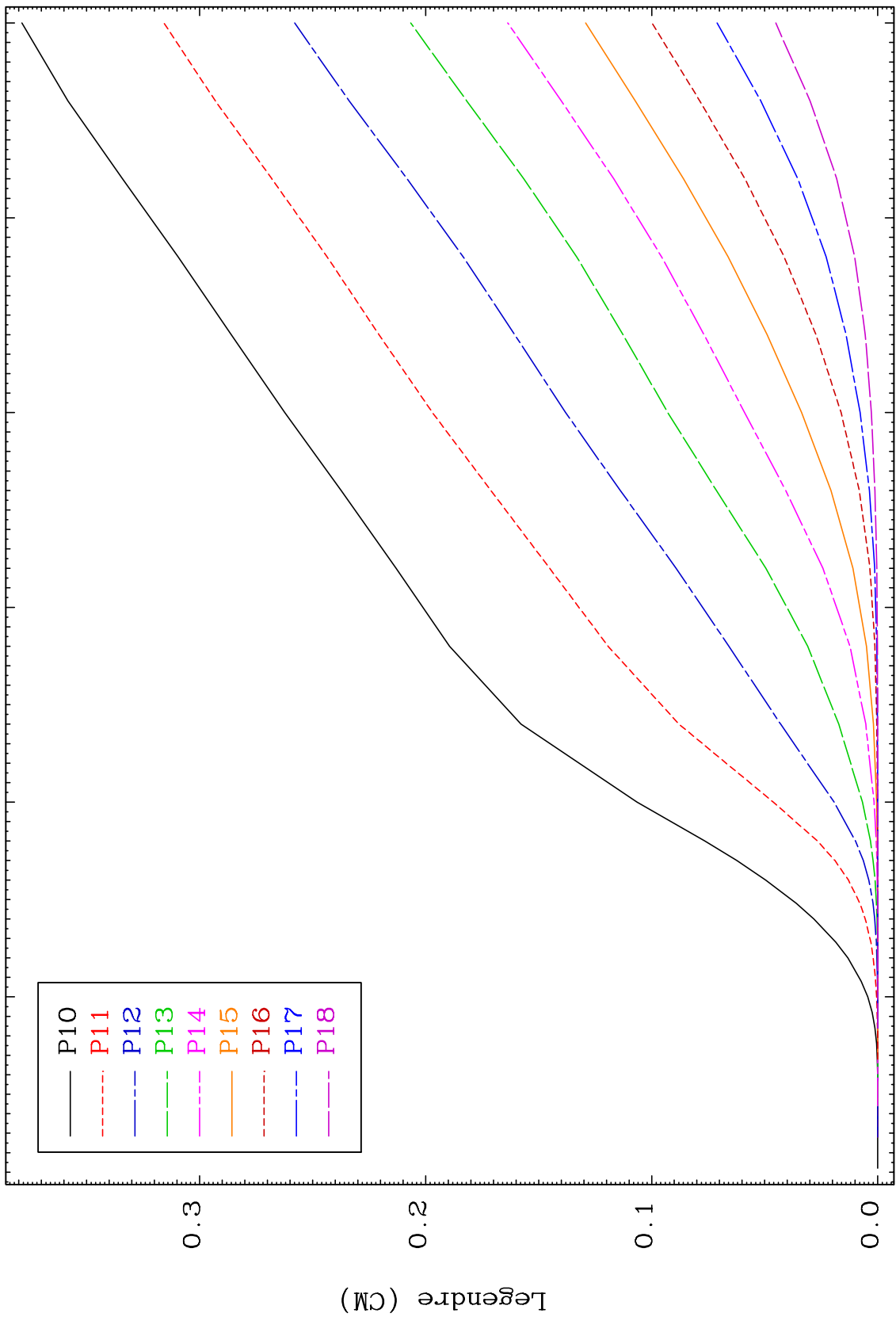
Incident Energy (MeV)

74-W -176

MAT 7413

Elastic Legendre Coefficients

74-W -176



20

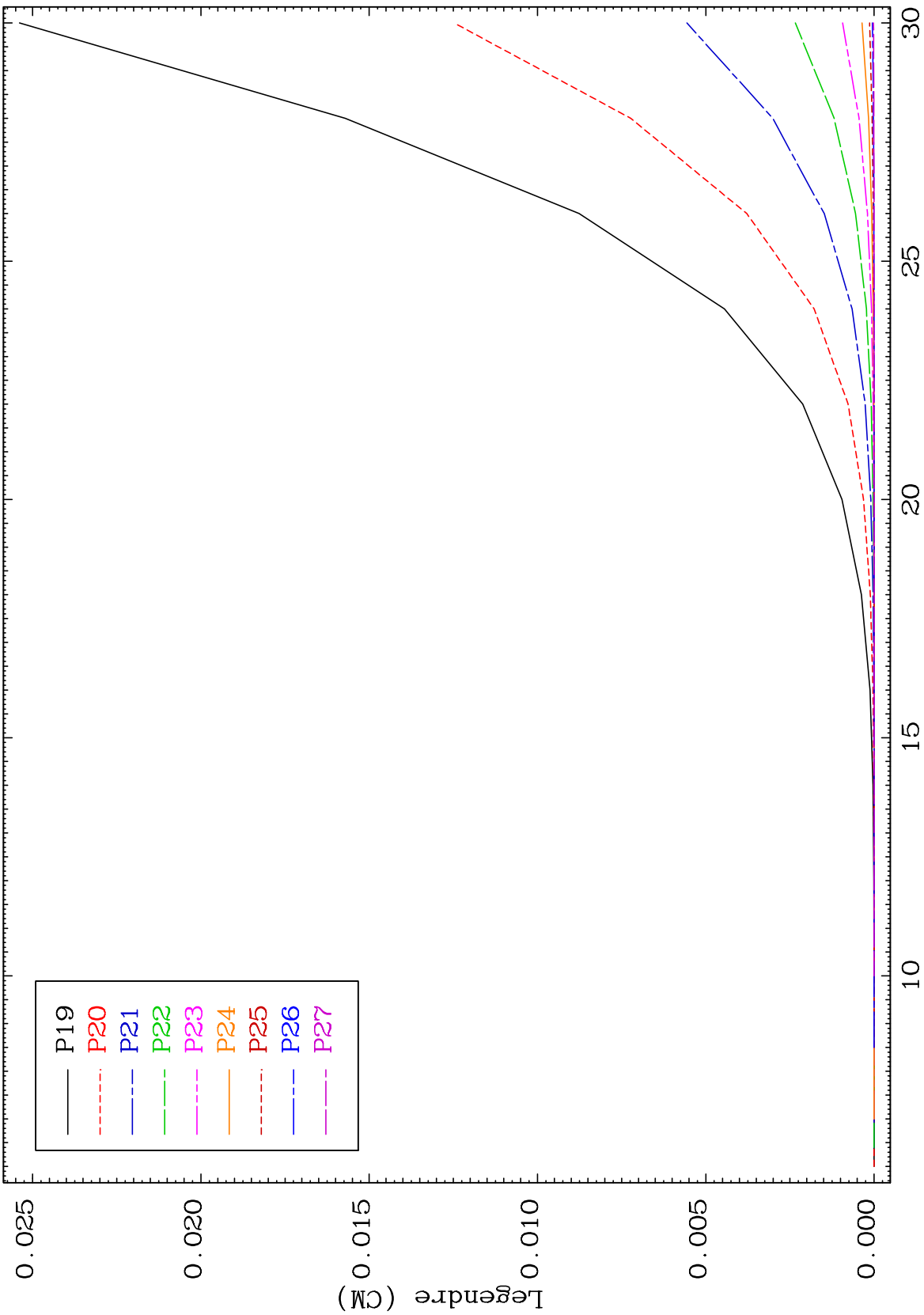
Incident Energy (MeV)

74-W -176

MAT 7413

Elastic Legendre Coefficients

74-W -176



21

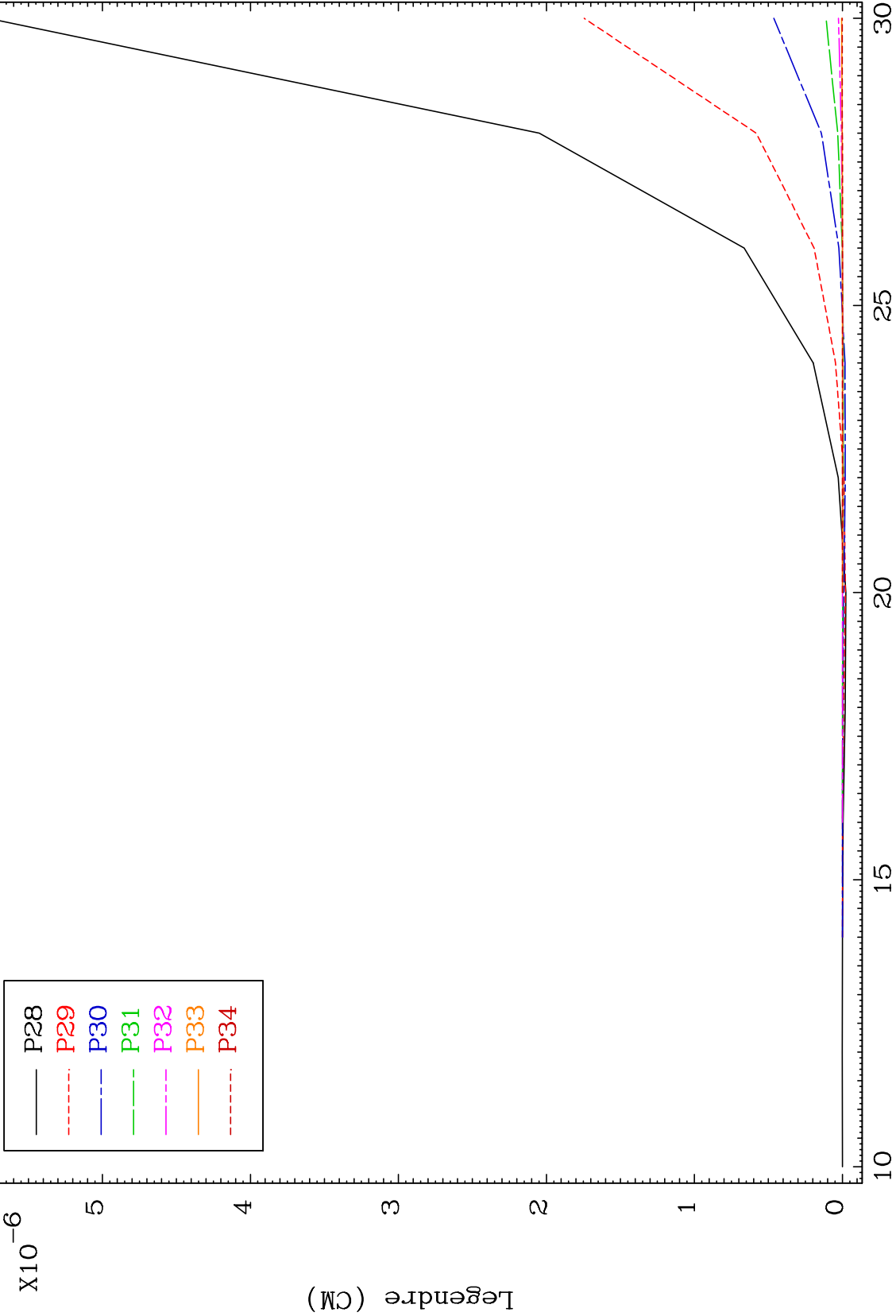
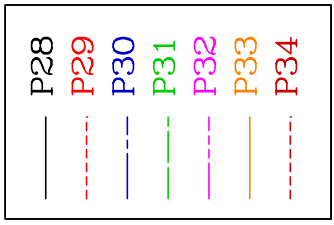
Incident Energy (MeV)

74-W -176

MAT 7413

Elastic Legendre Coefficients

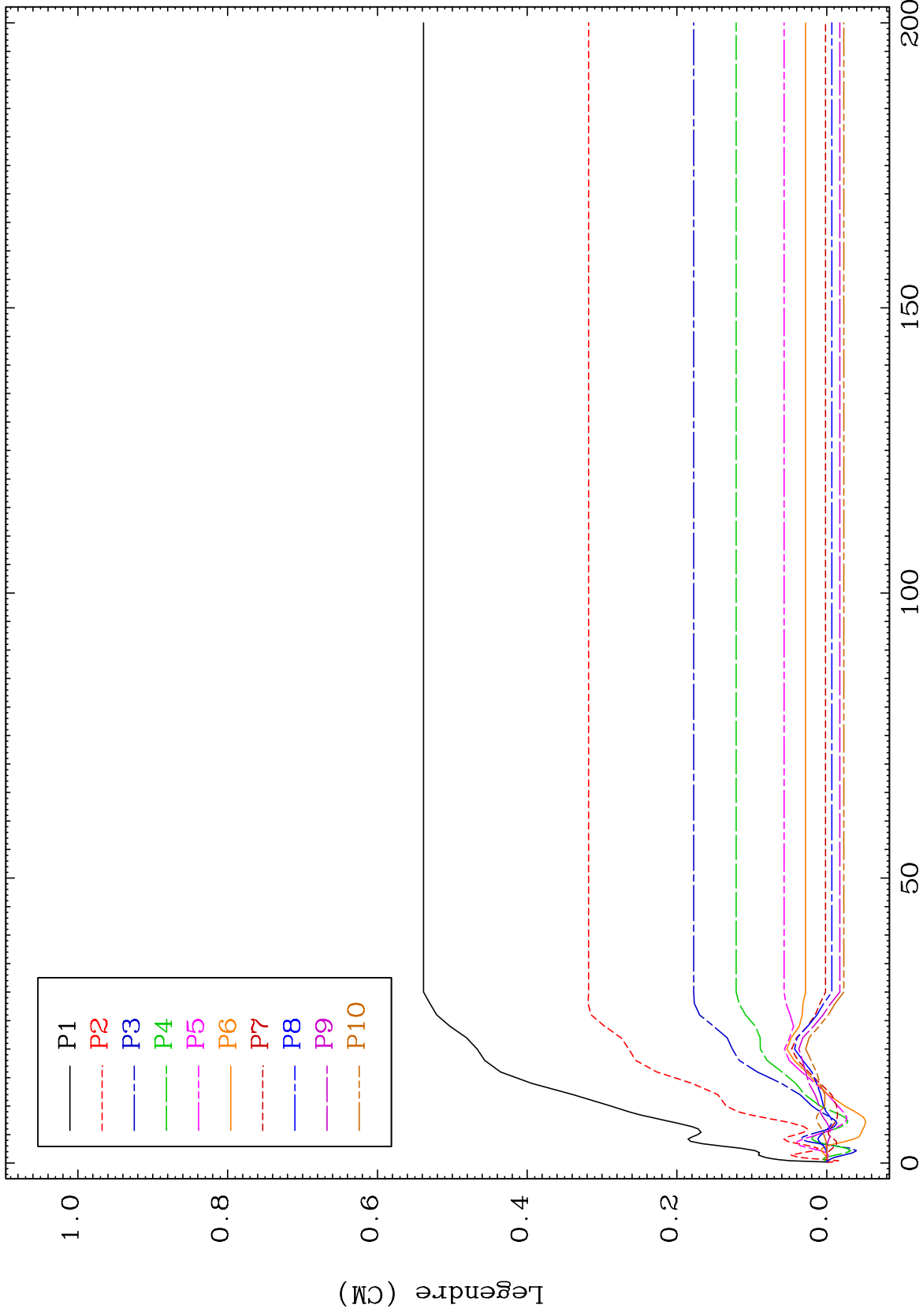
74-W -176



22

Incident Energy (MeV)

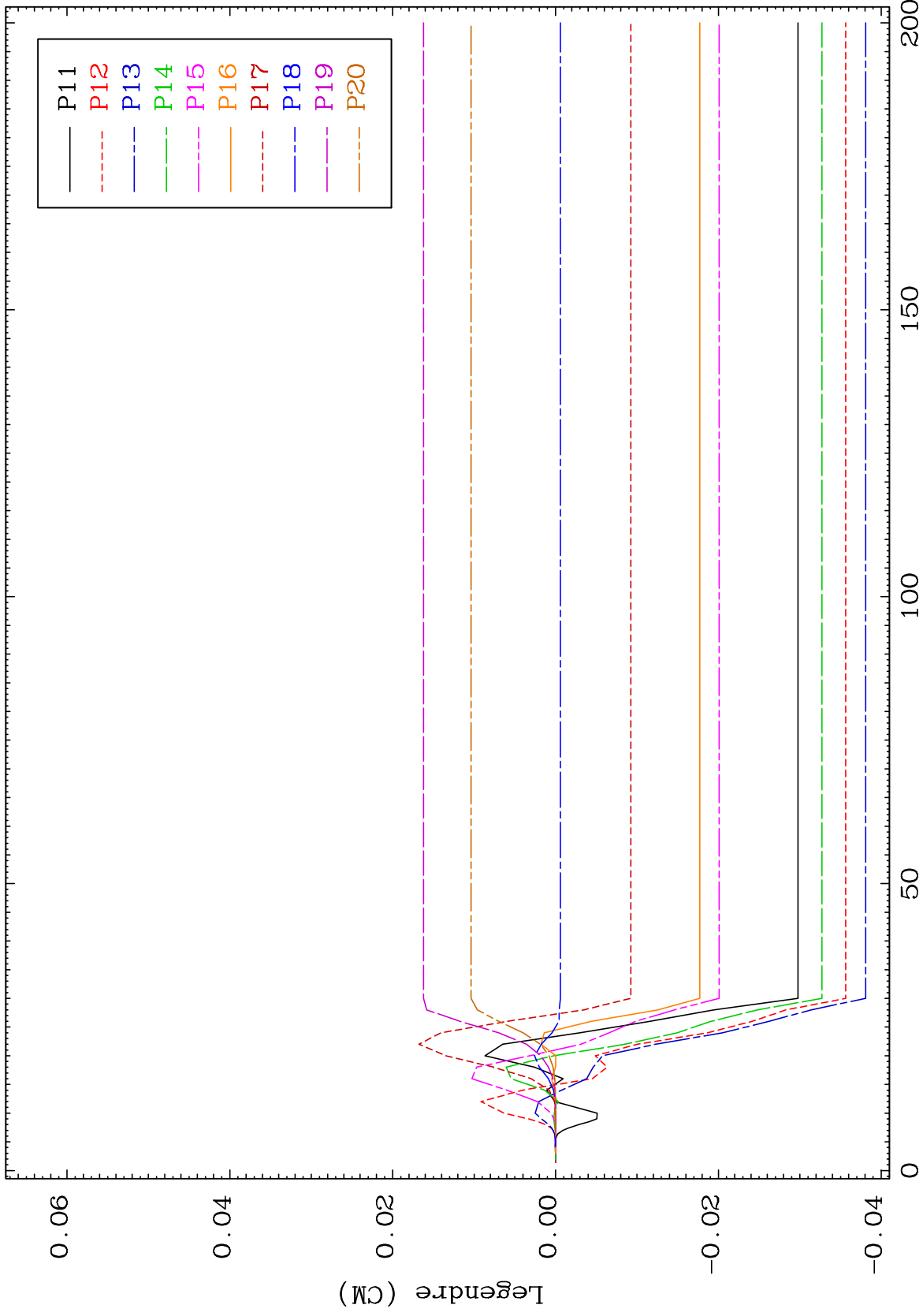
74-W -176



MAT 7413

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

74-W -176



24

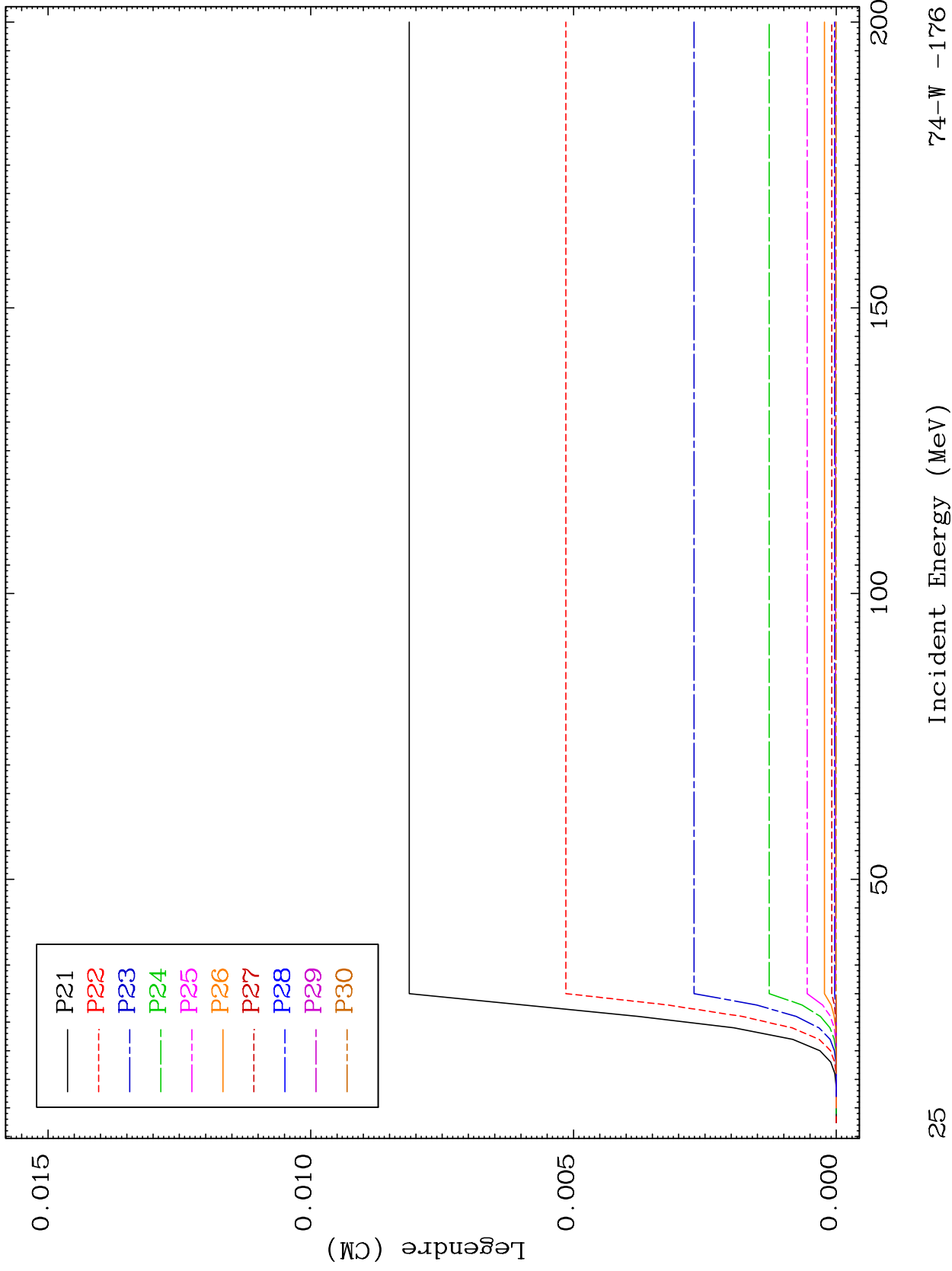
Incident Energy (MeV)

74-W -176

MAT 7413

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

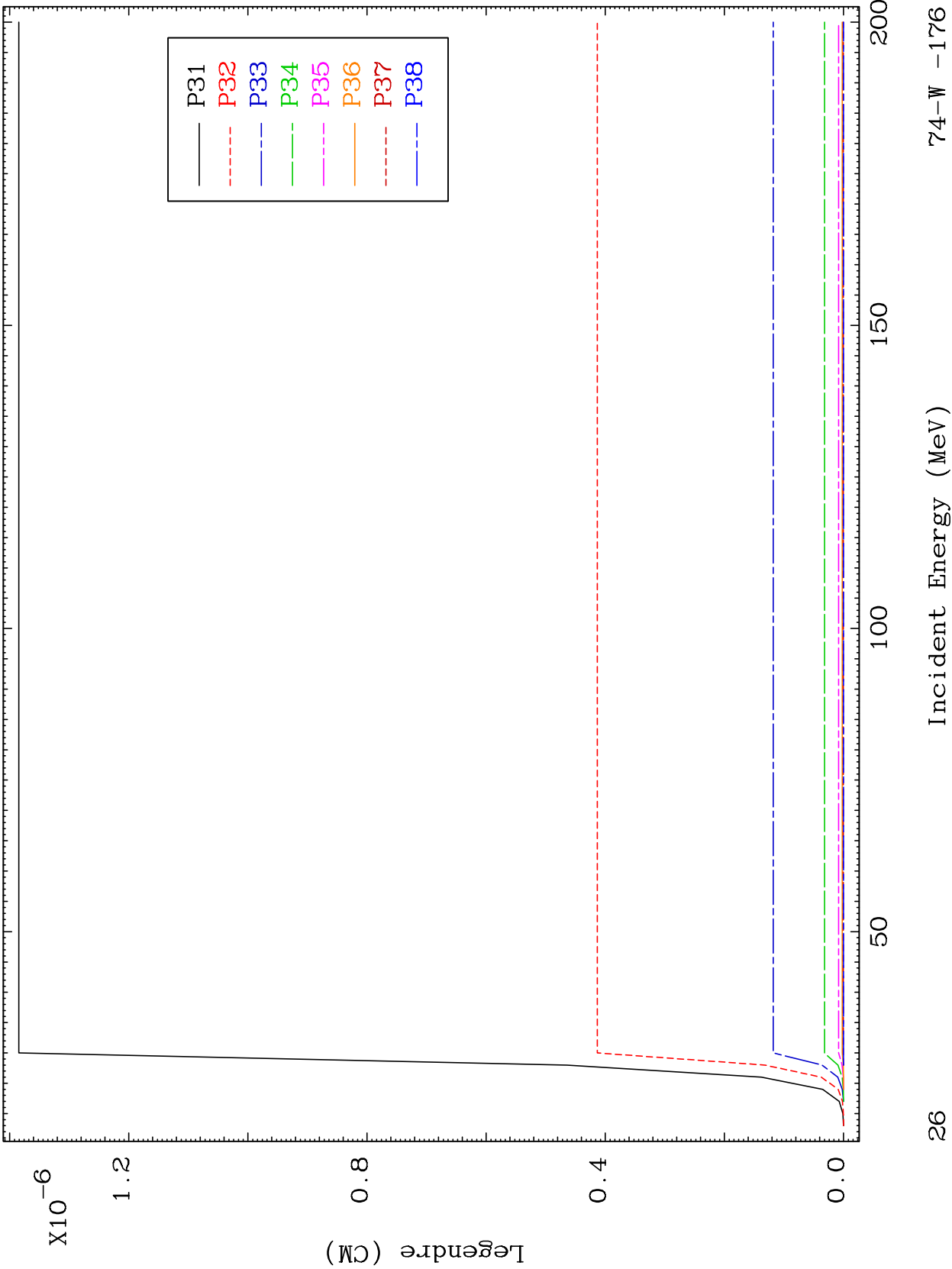
74-W -176



25

Incident Energy (MeV)

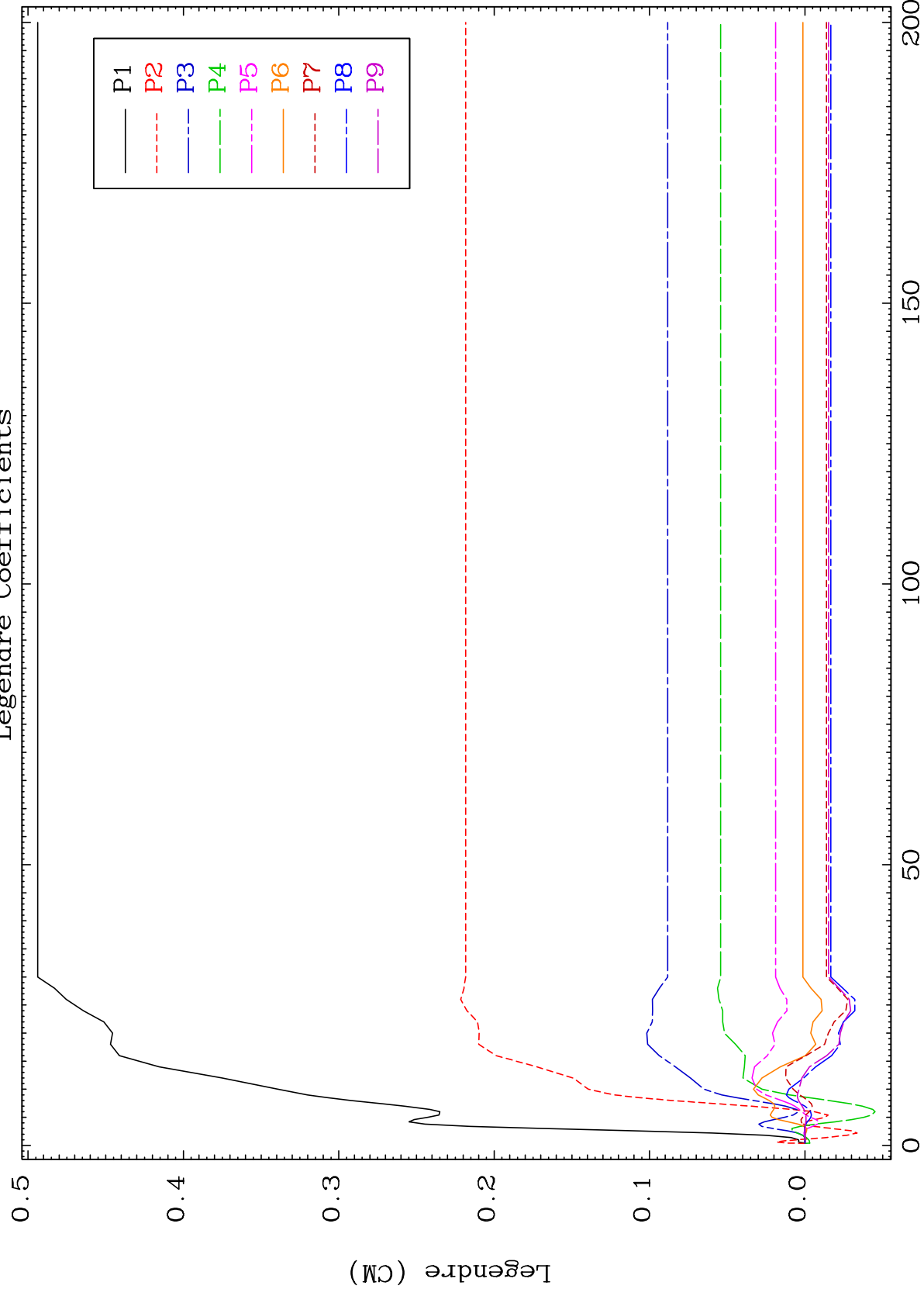
74-W -176



MAT 7413

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

74-W -176



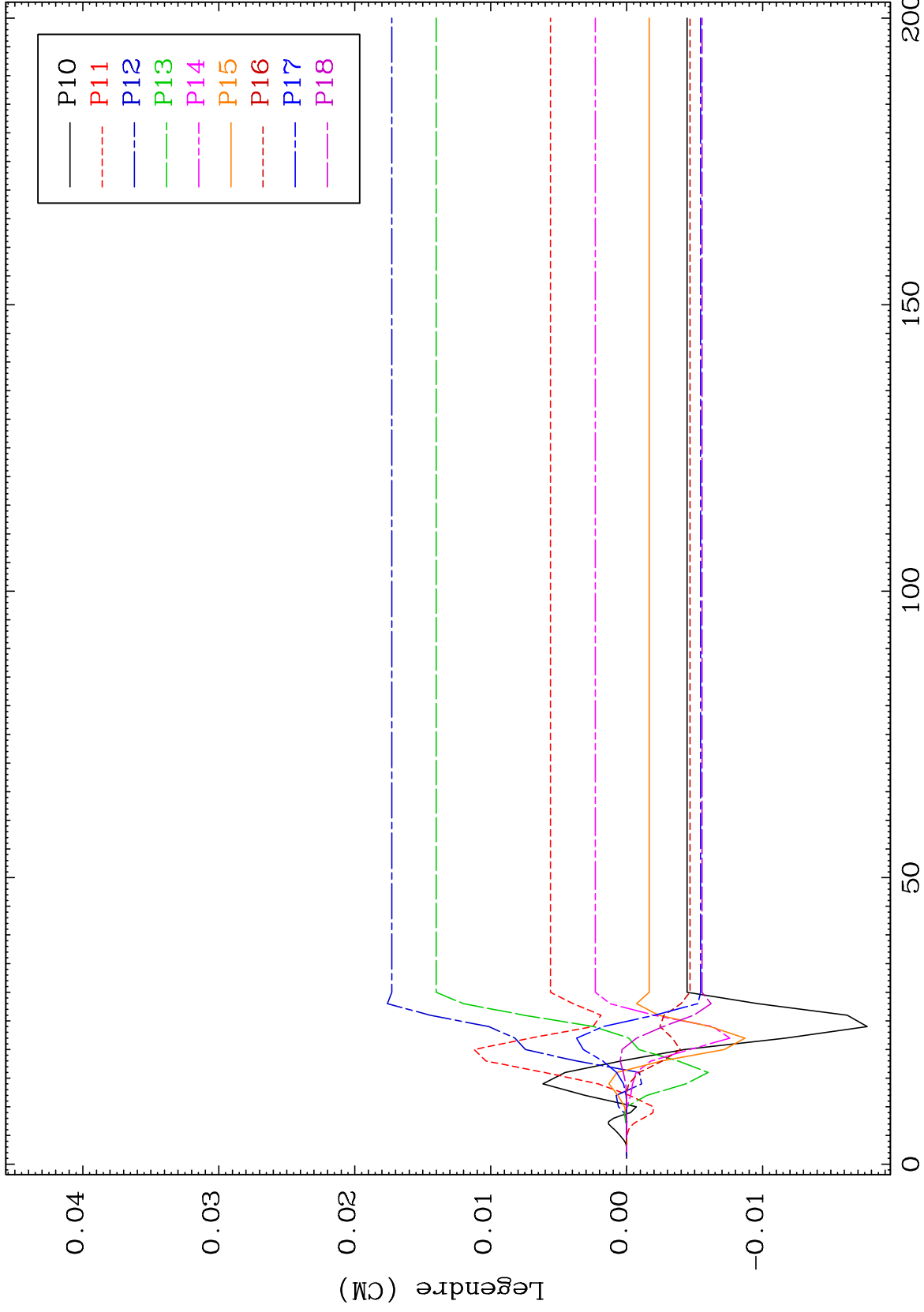
27

74-W -176

MAT 7413

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

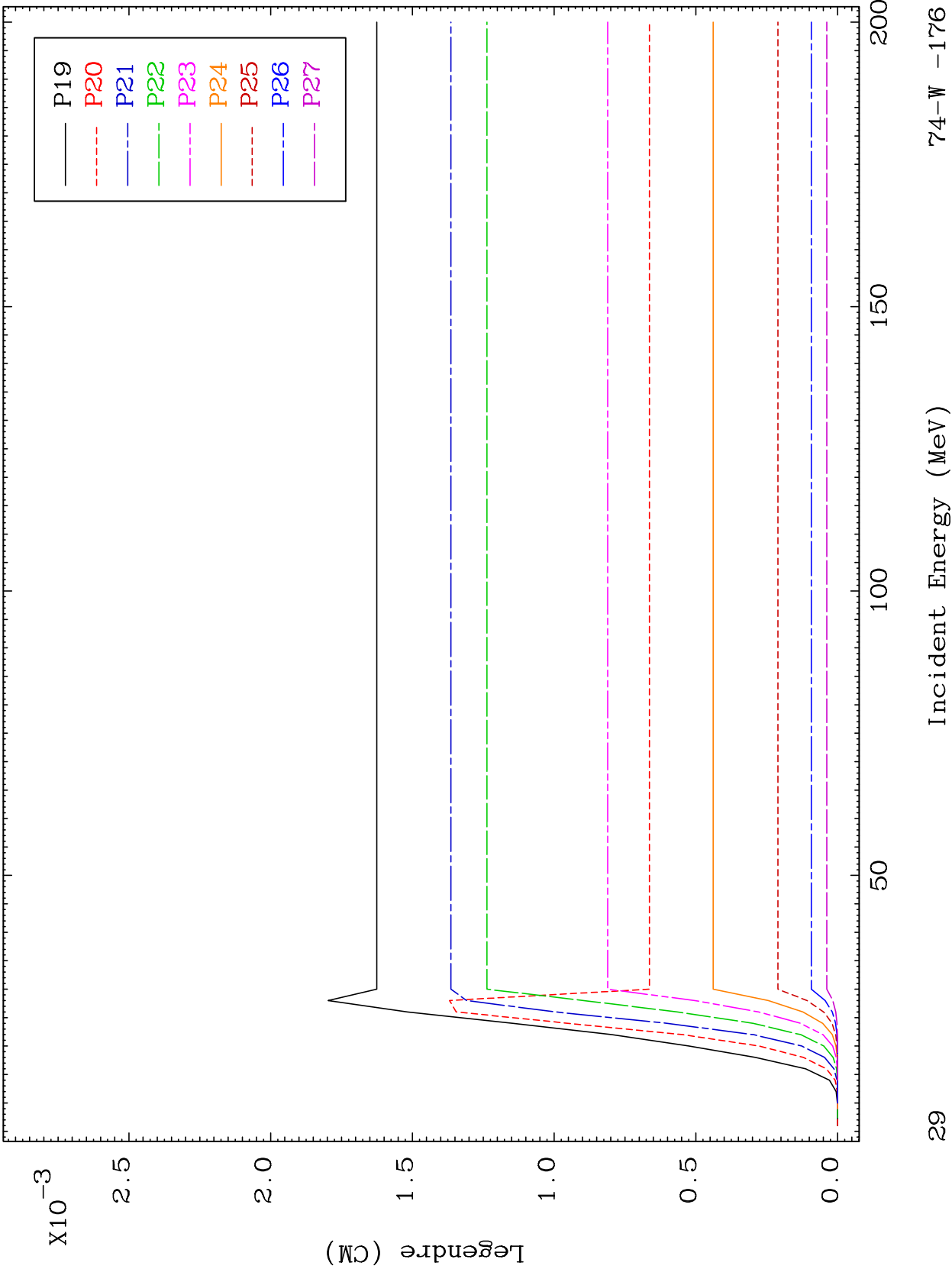
74-W -176



28

Incident Energy (MeV)

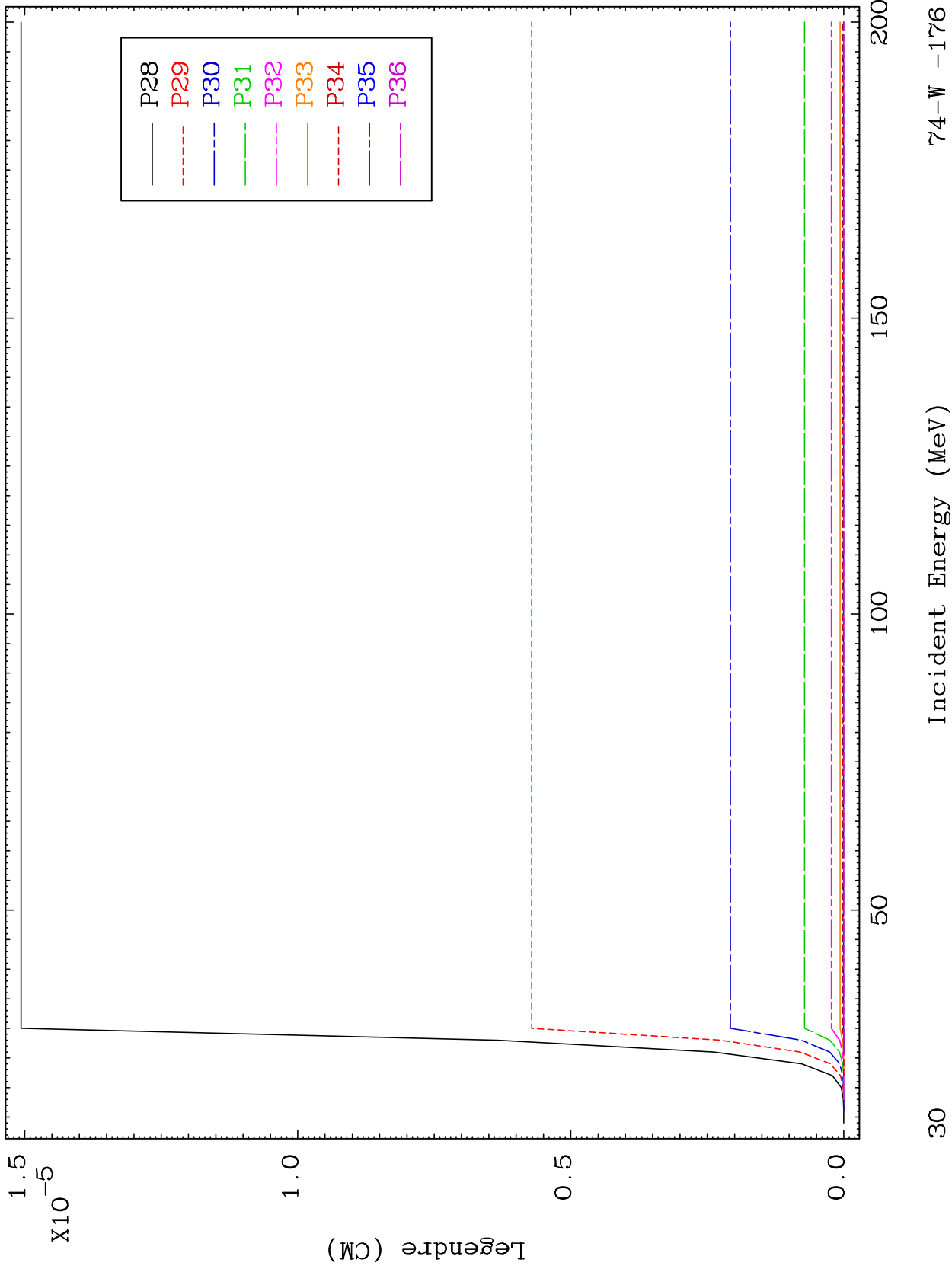
74-W -176



MAT 7413

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

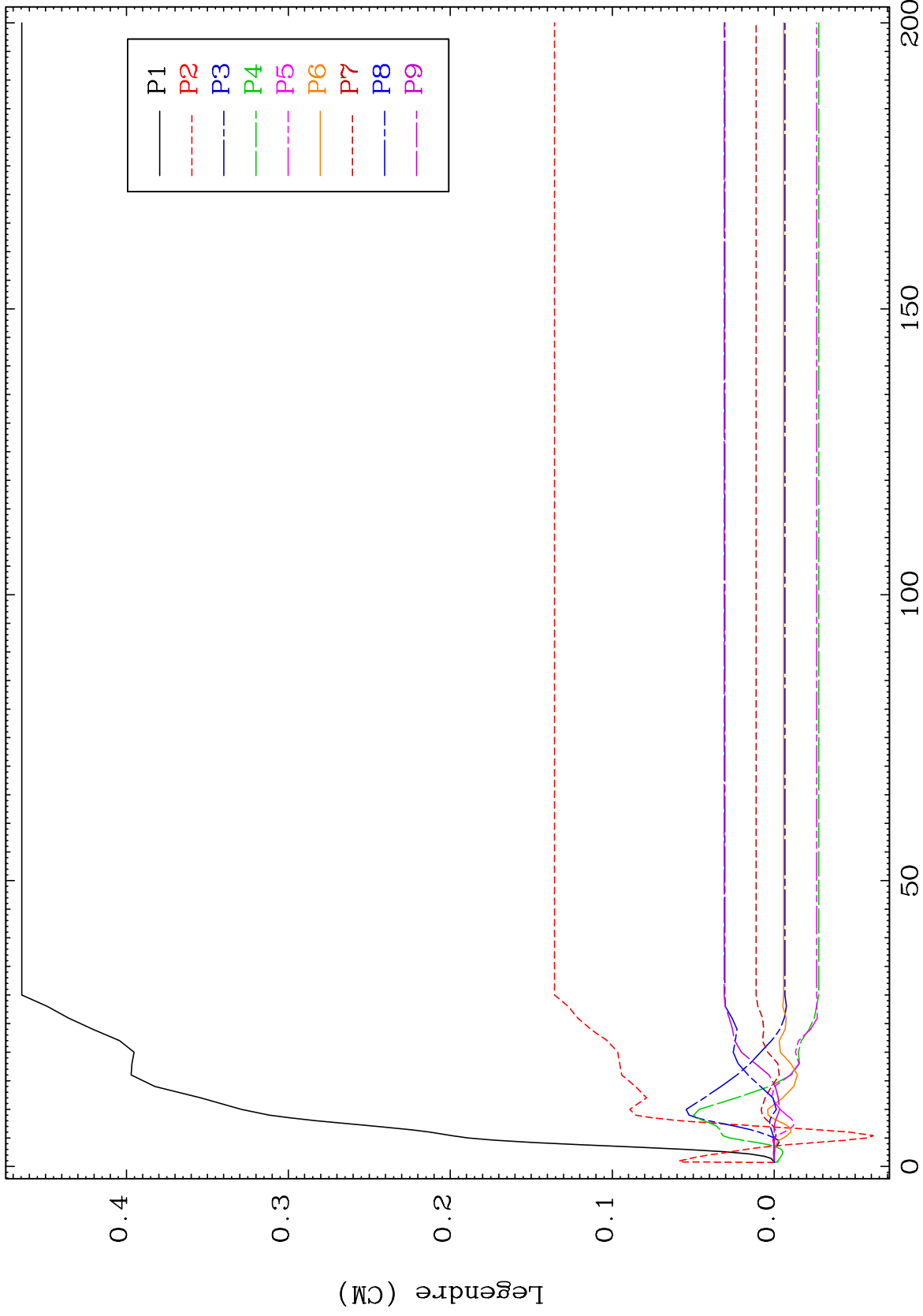
74-W -176



30

Incident Energy (MeV)

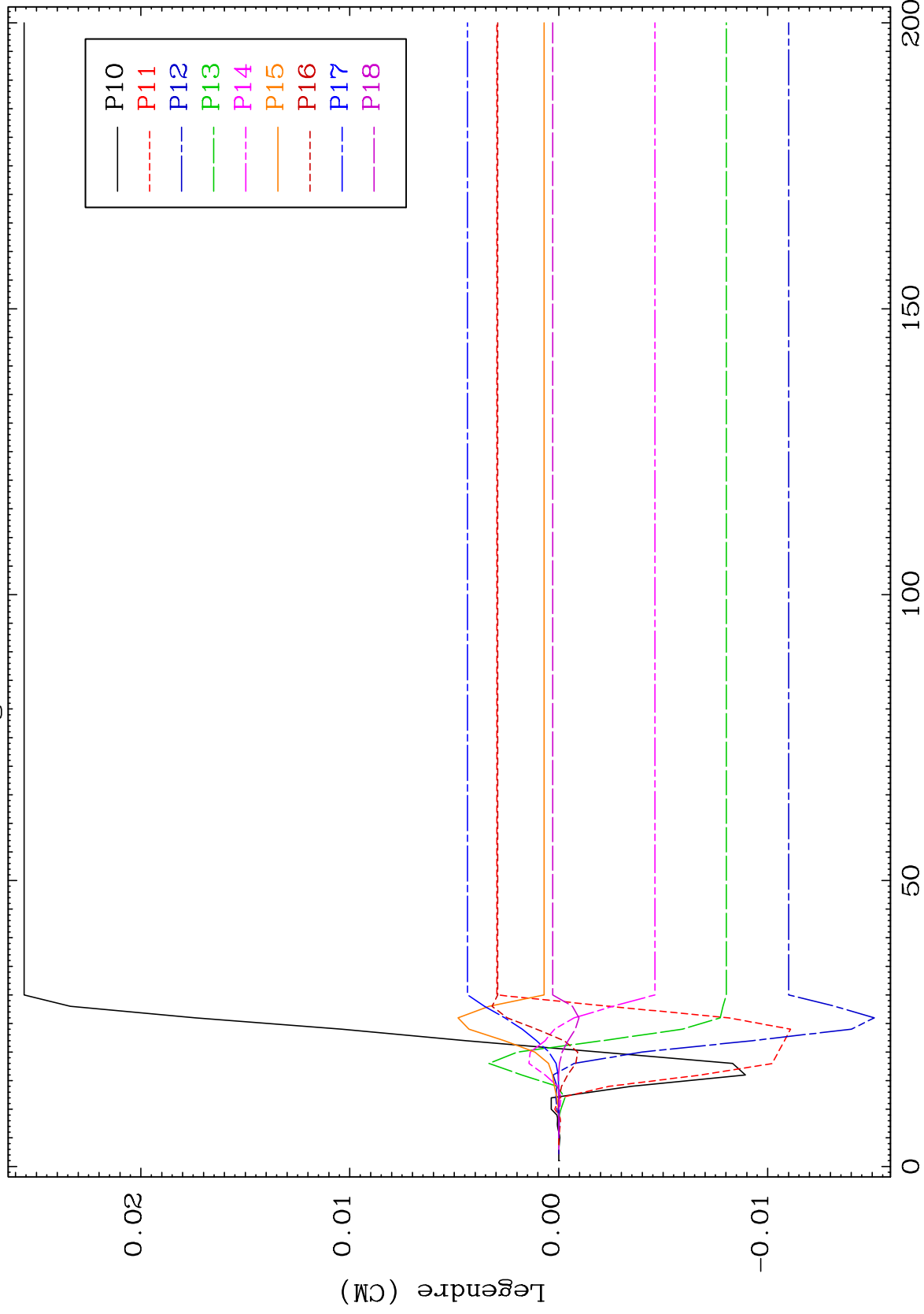
74-W -176



MAT 7413

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

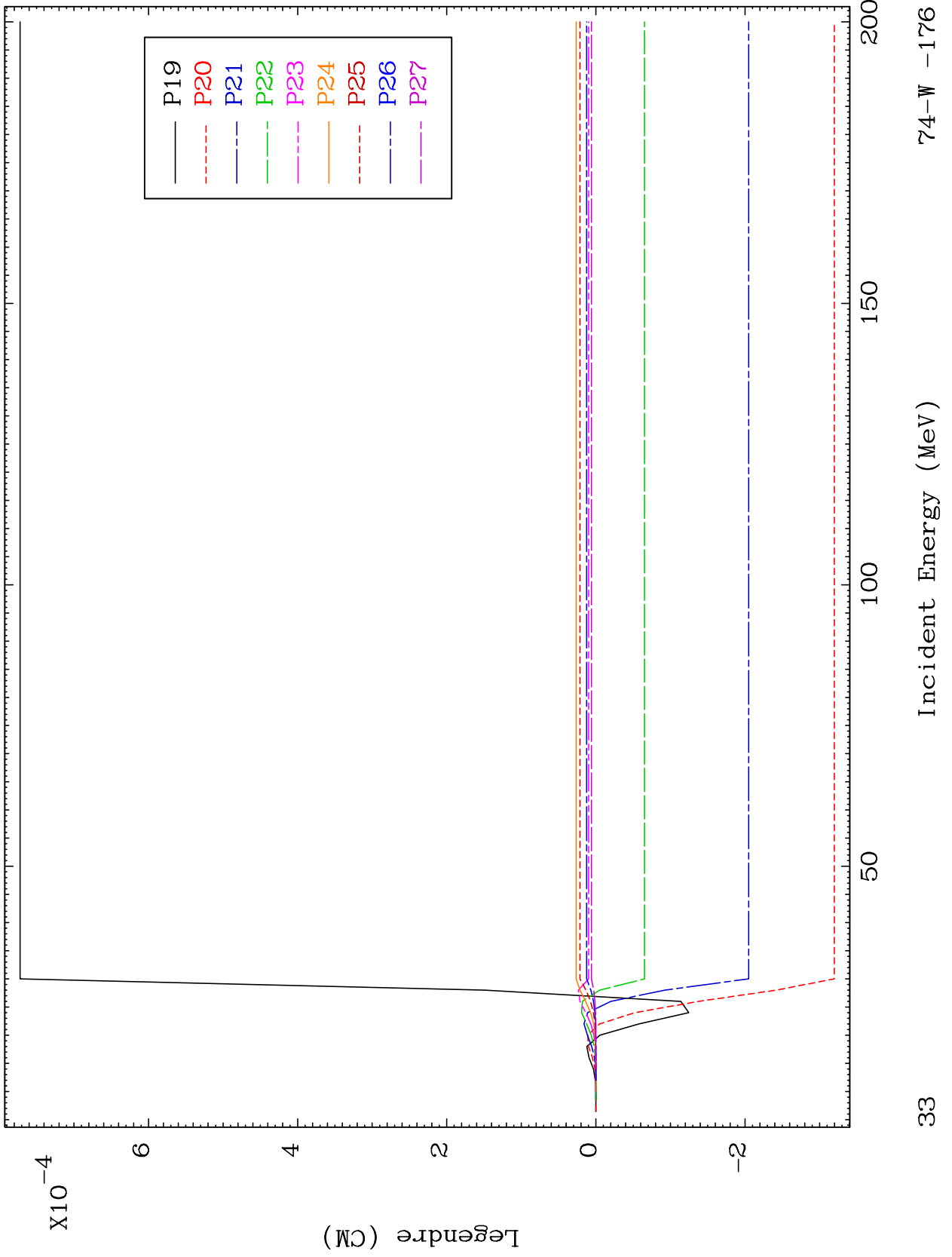
74-W -176



32

Incident Energy (MeV)

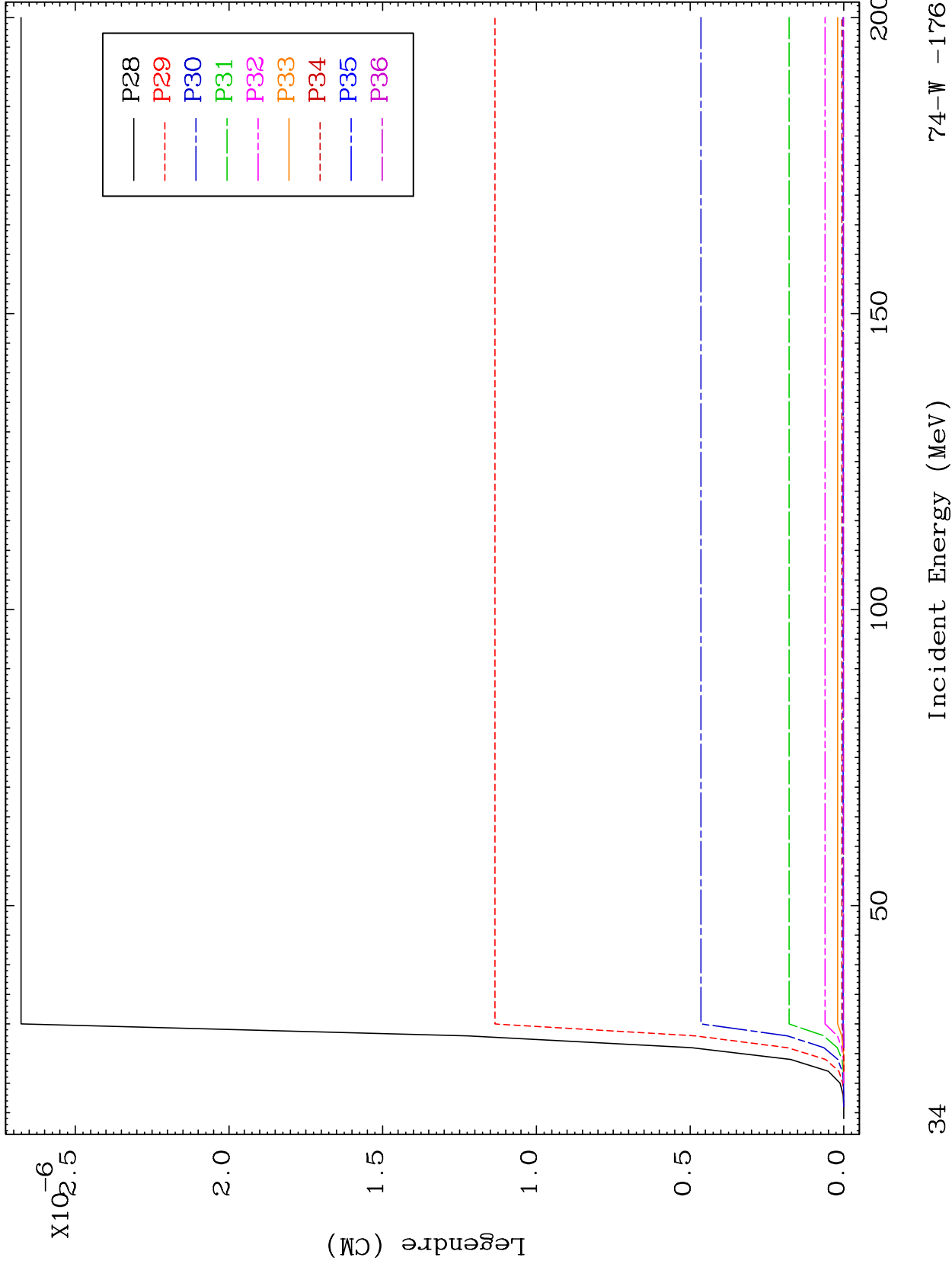
74-W -176



MAT 7413

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

74-W -176



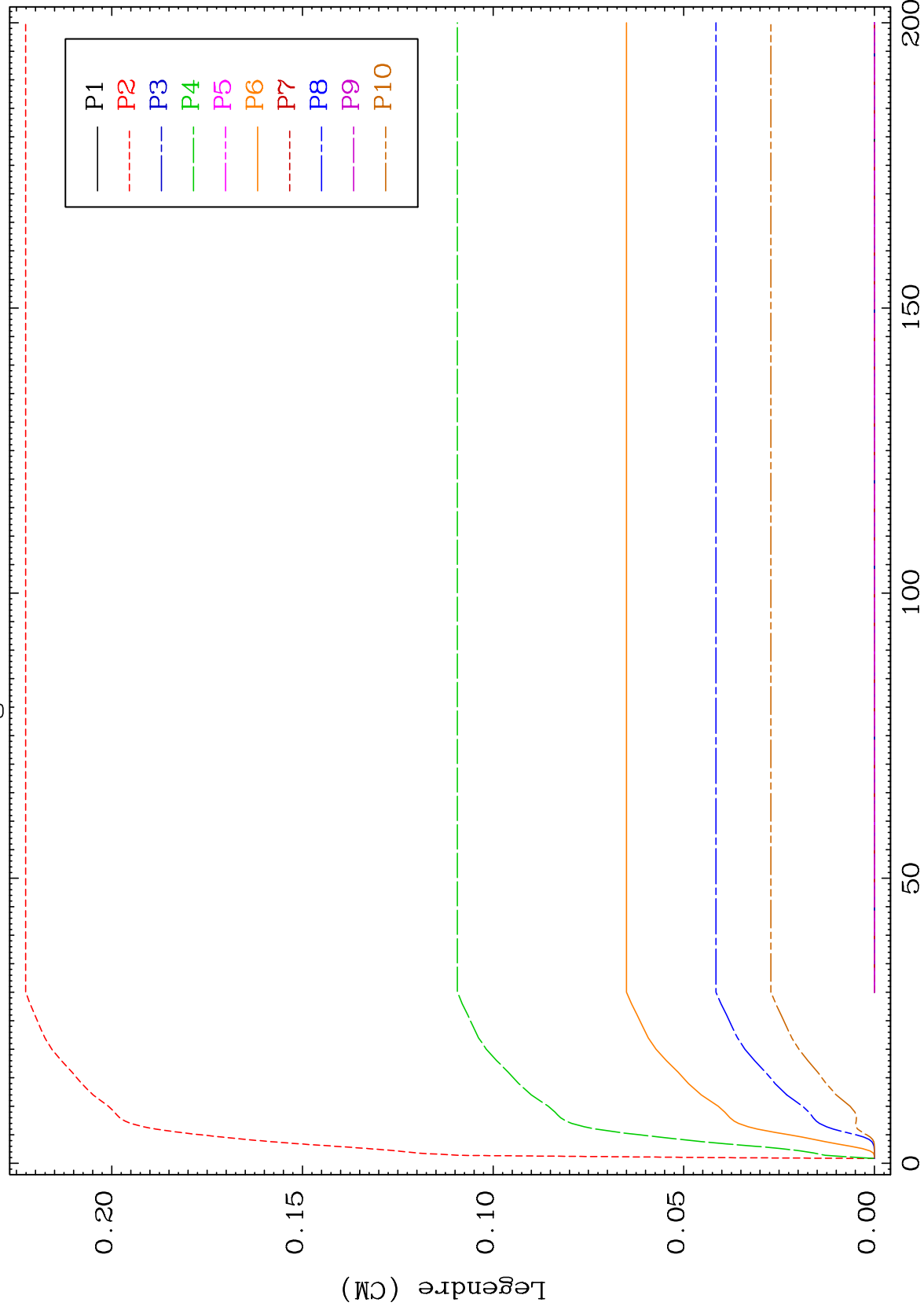
34

74-W -176

MAT 7413

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

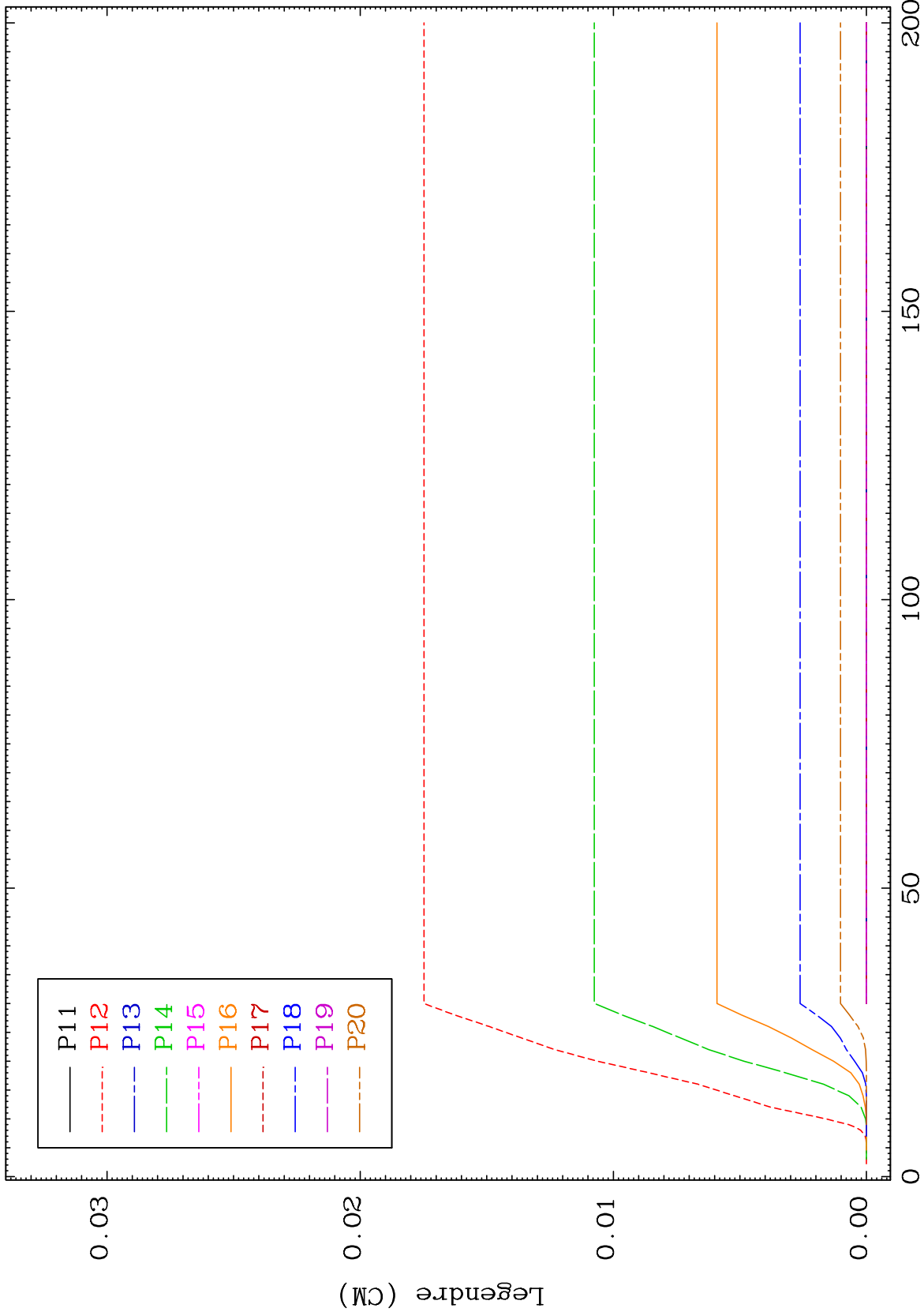
74-W -176



Incident Energy (MeV)

74-W -176

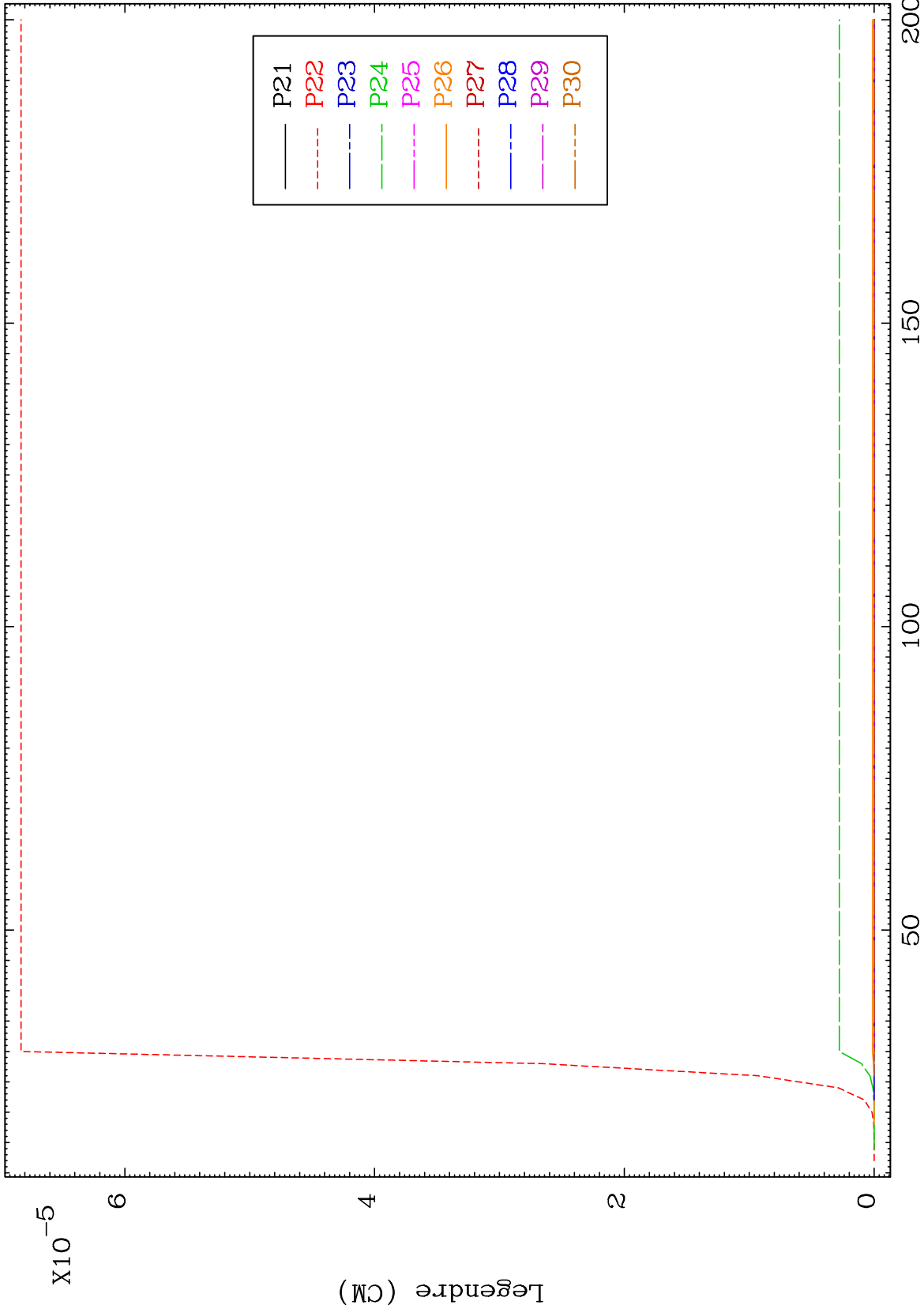
35



MAT 7413

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

74-W -176



37

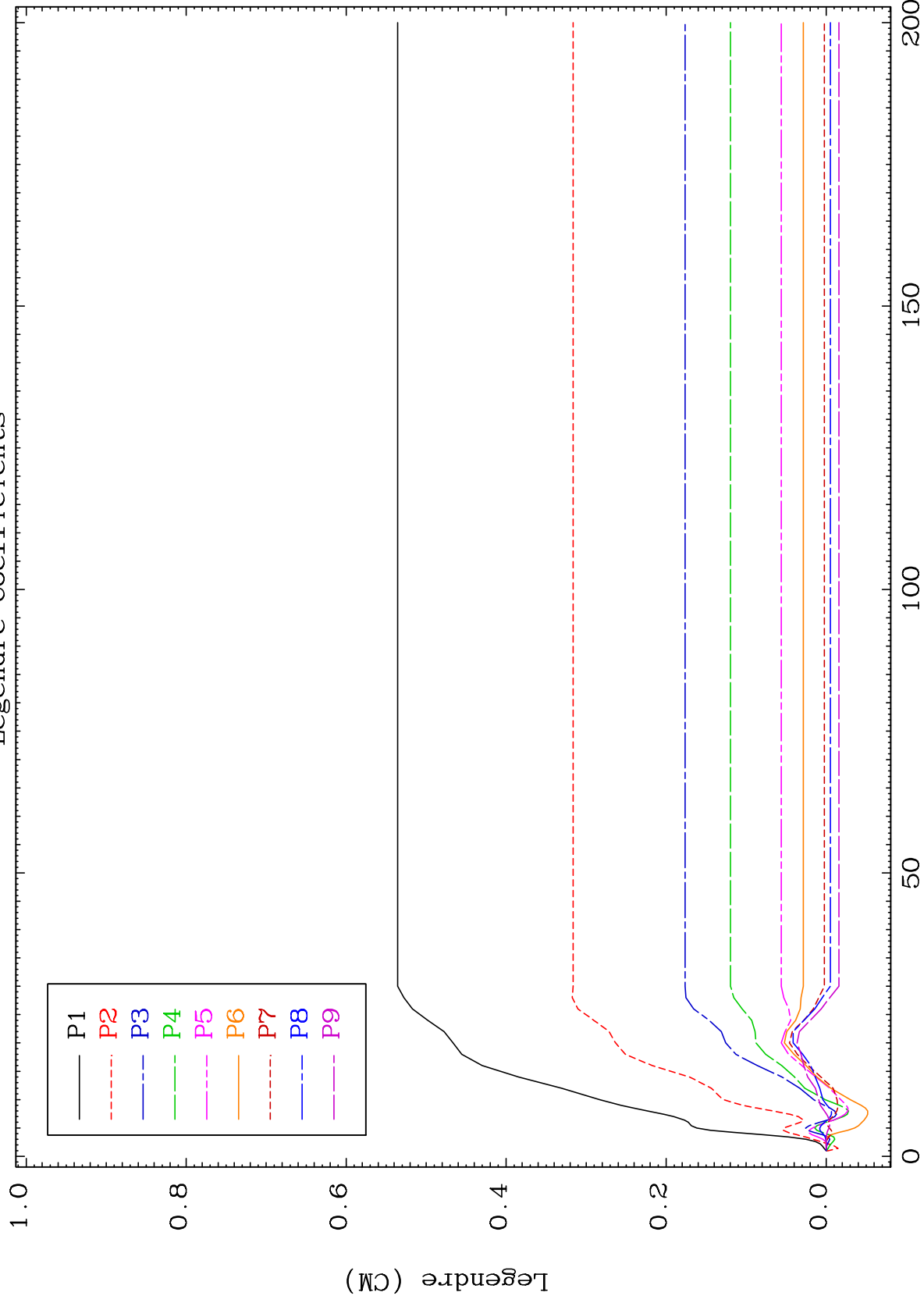
Incident Energy (MeV)

74-W -176

MAT 7413

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

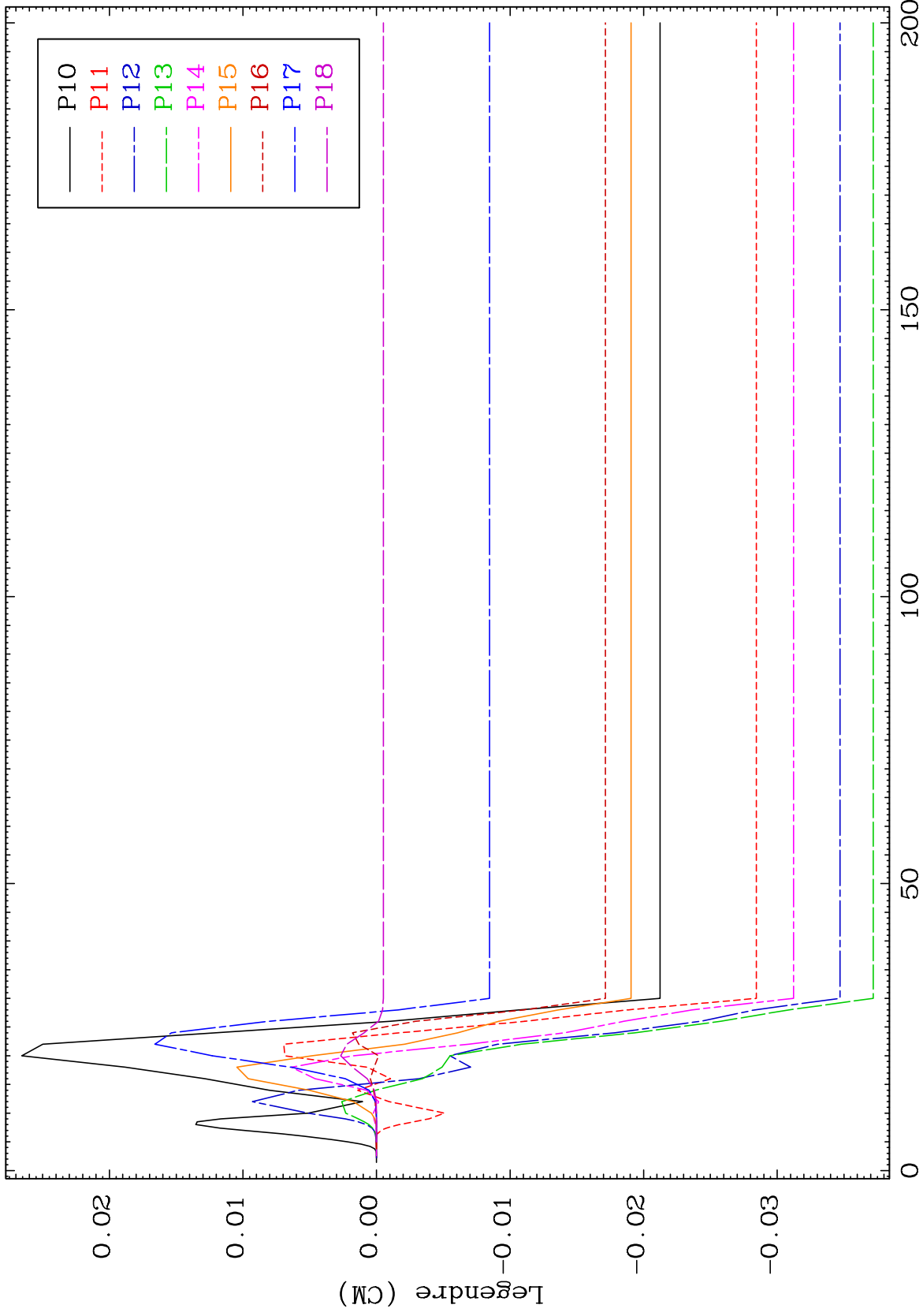
74-W -176

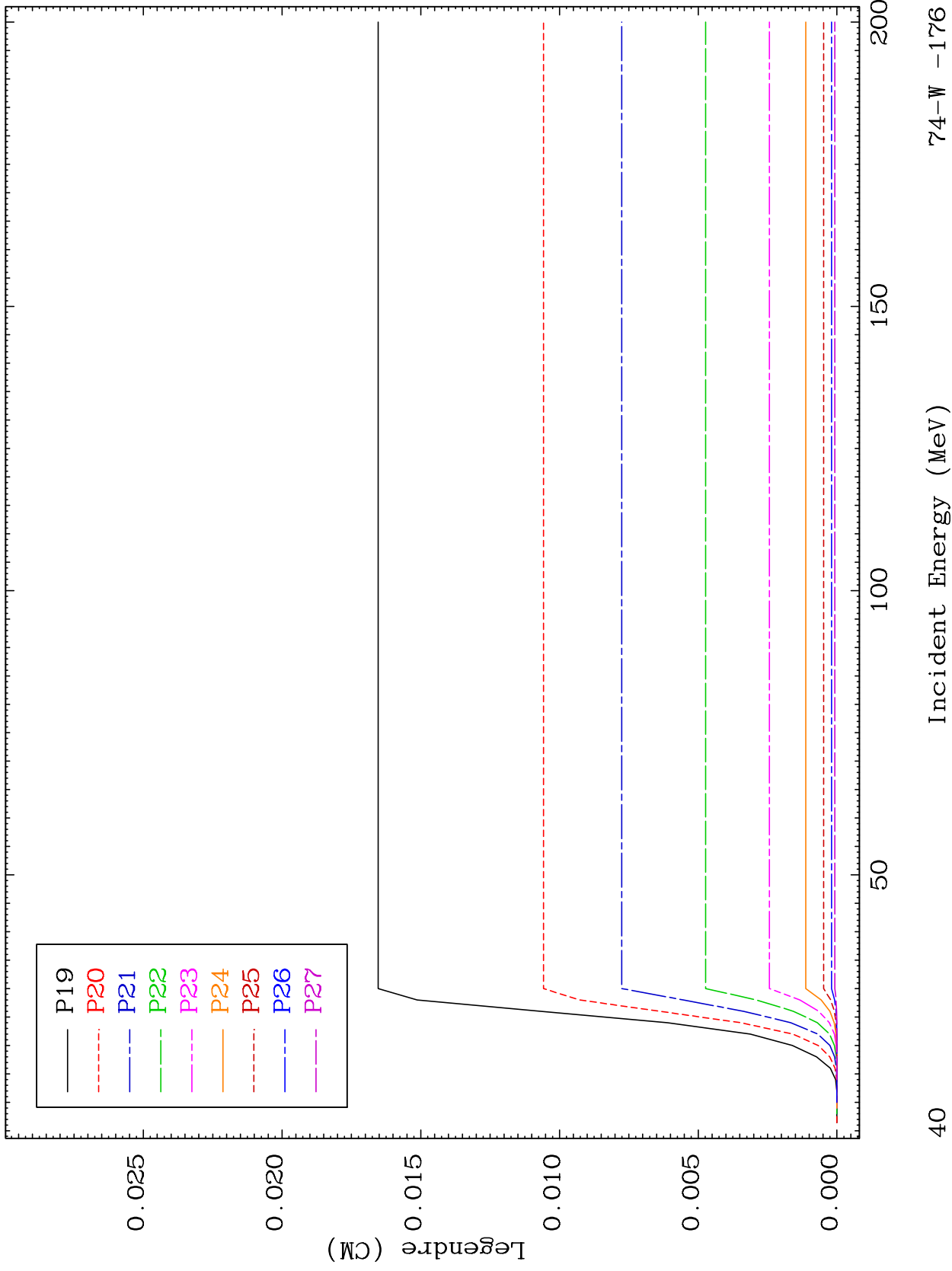


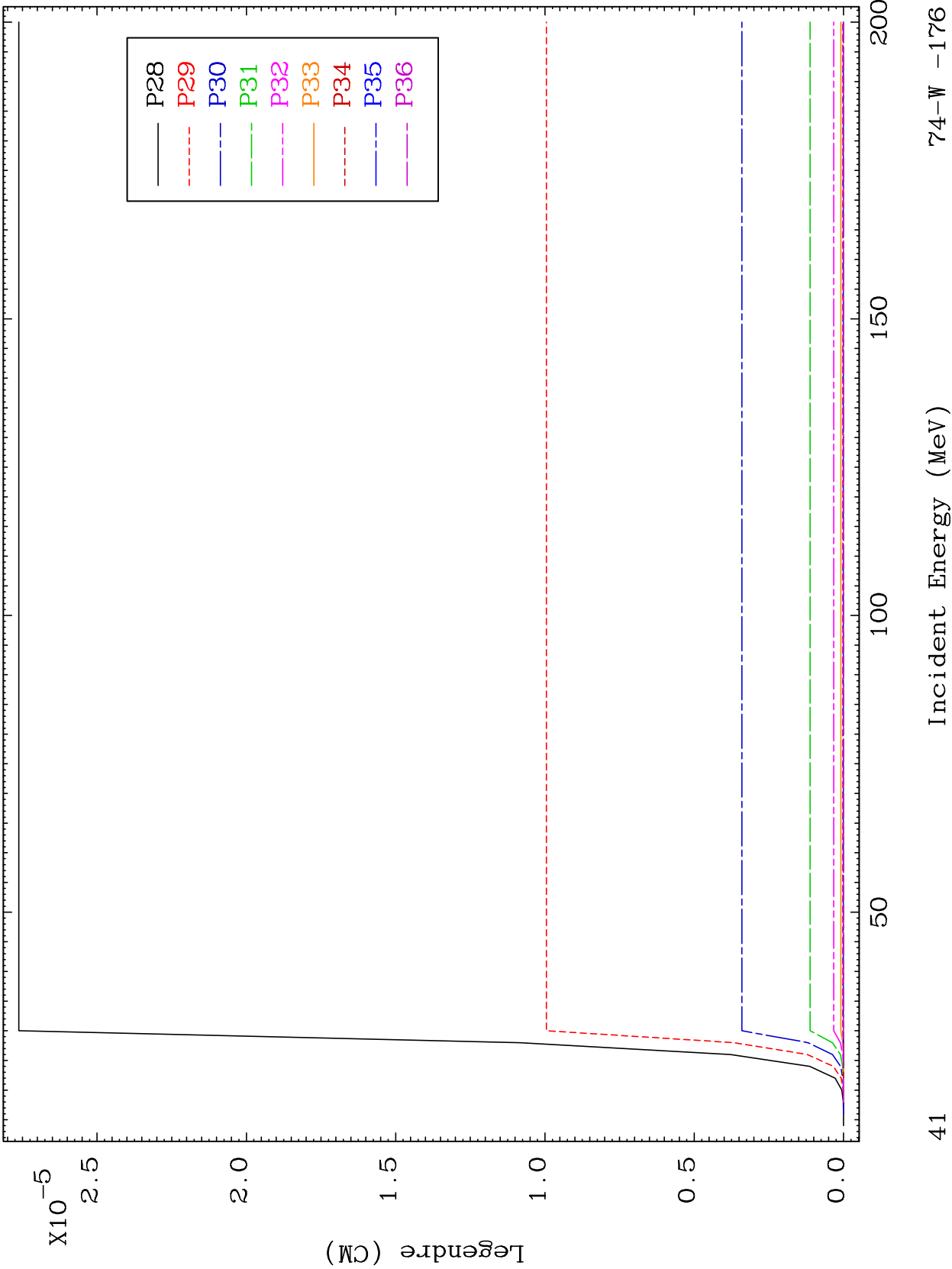
38

Incident Energy (MeV)

74-W -176



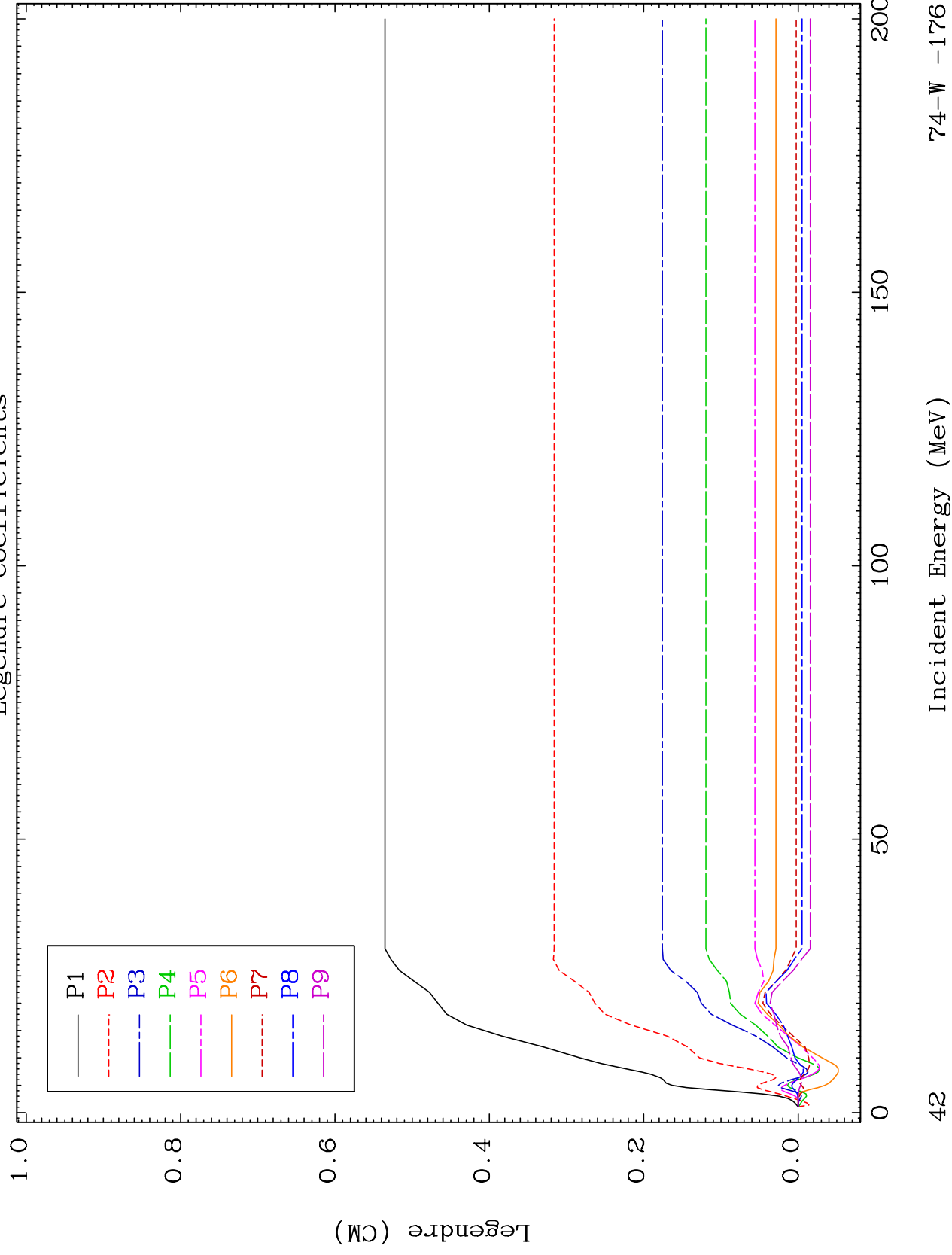




MAT 7413

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

74-W -176



42

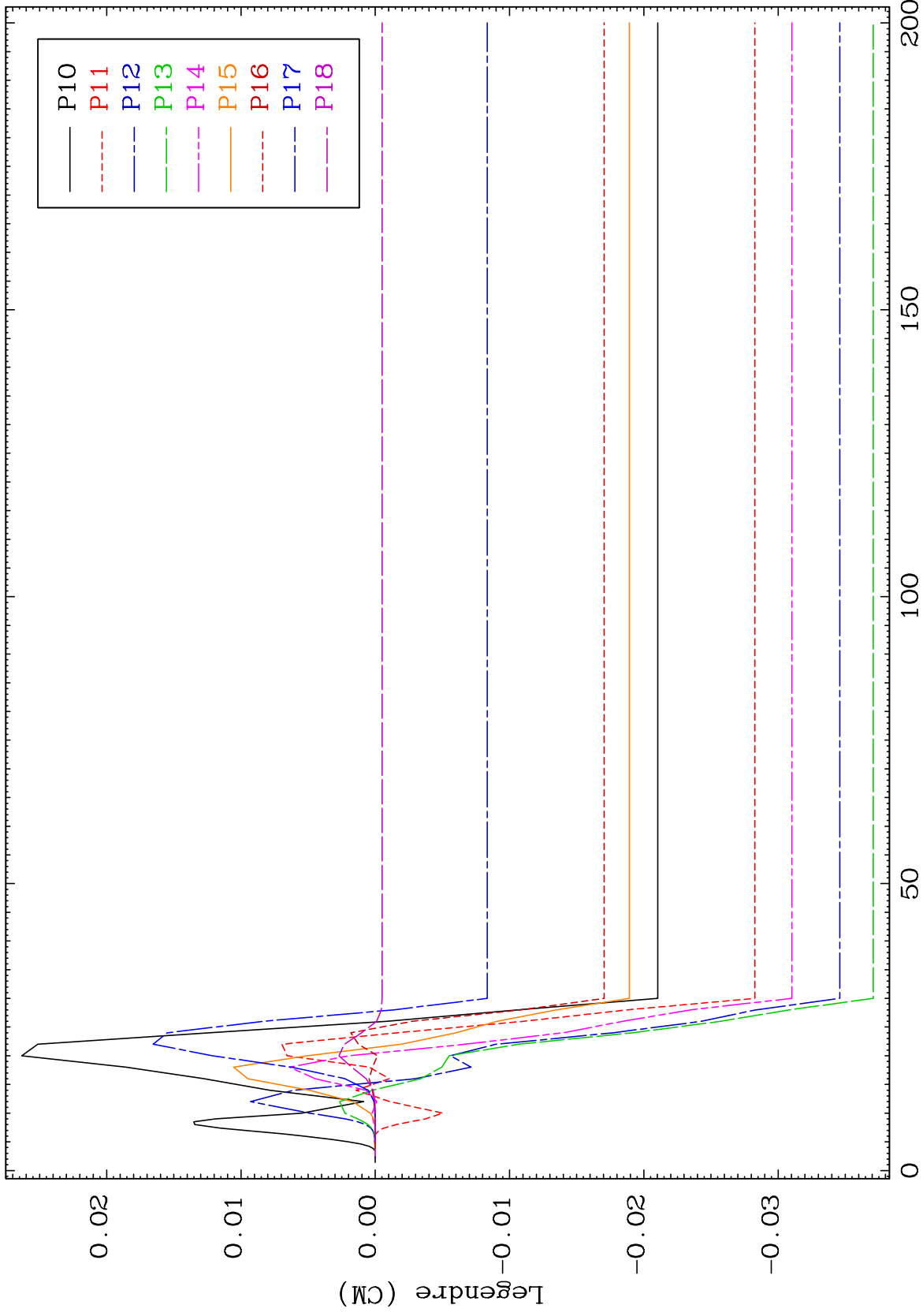
Incident Energy (MeV)

74-W -176

MAT 7413

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

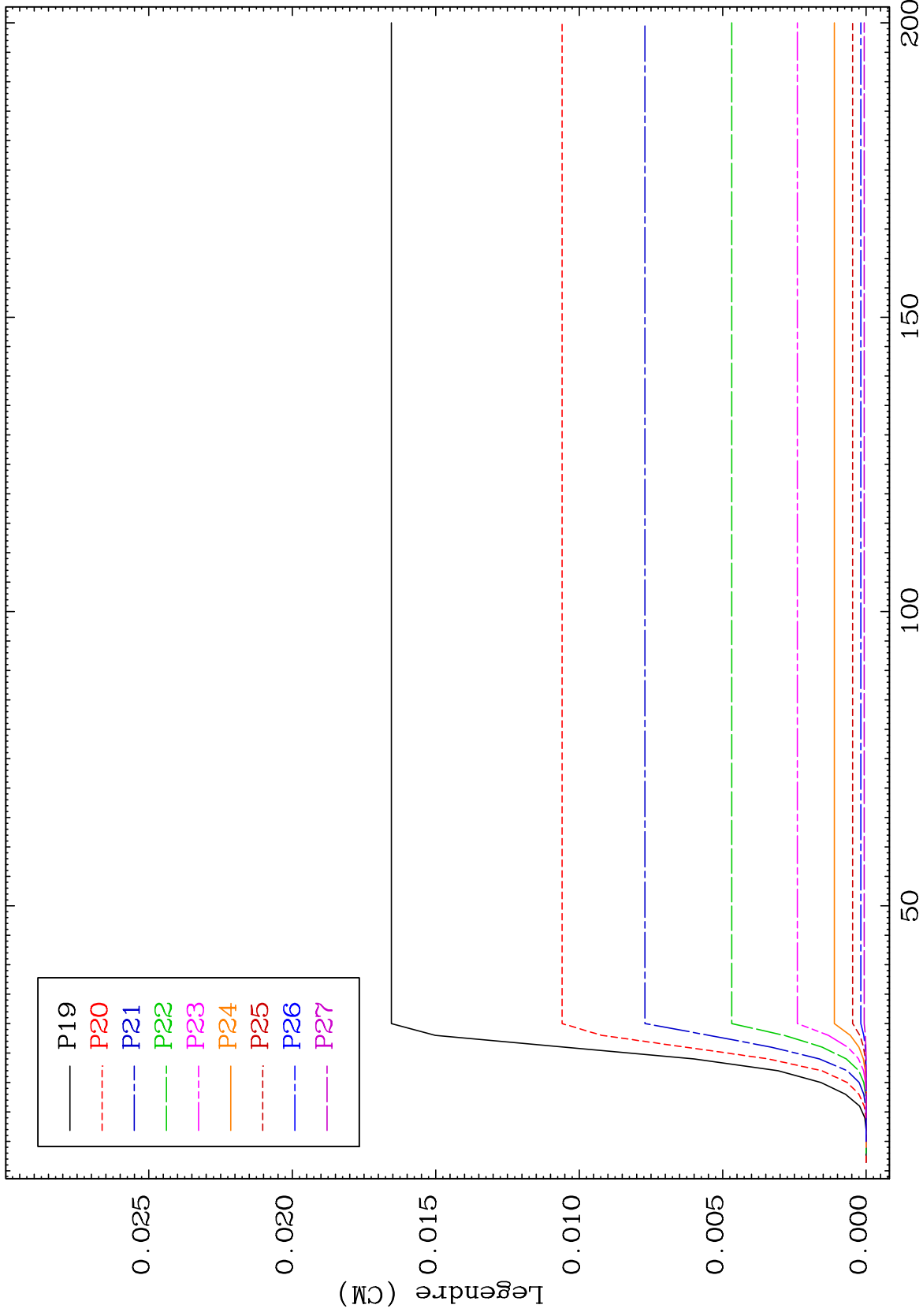
74-W -176



43

Incident Energy (MeV)

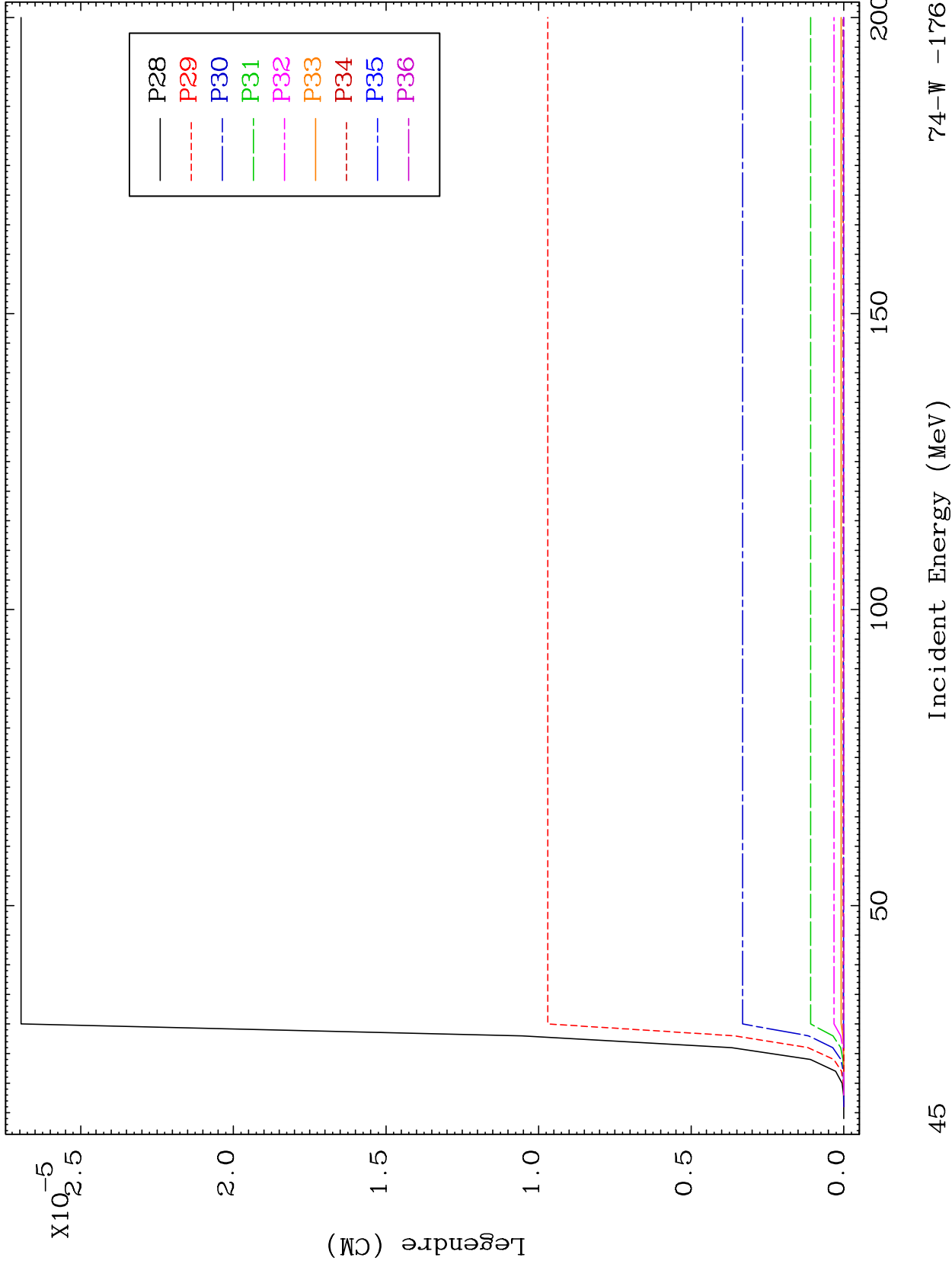
74-W -176



MAT 7413

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

74-W -176



45

Incident Energy (MeV)

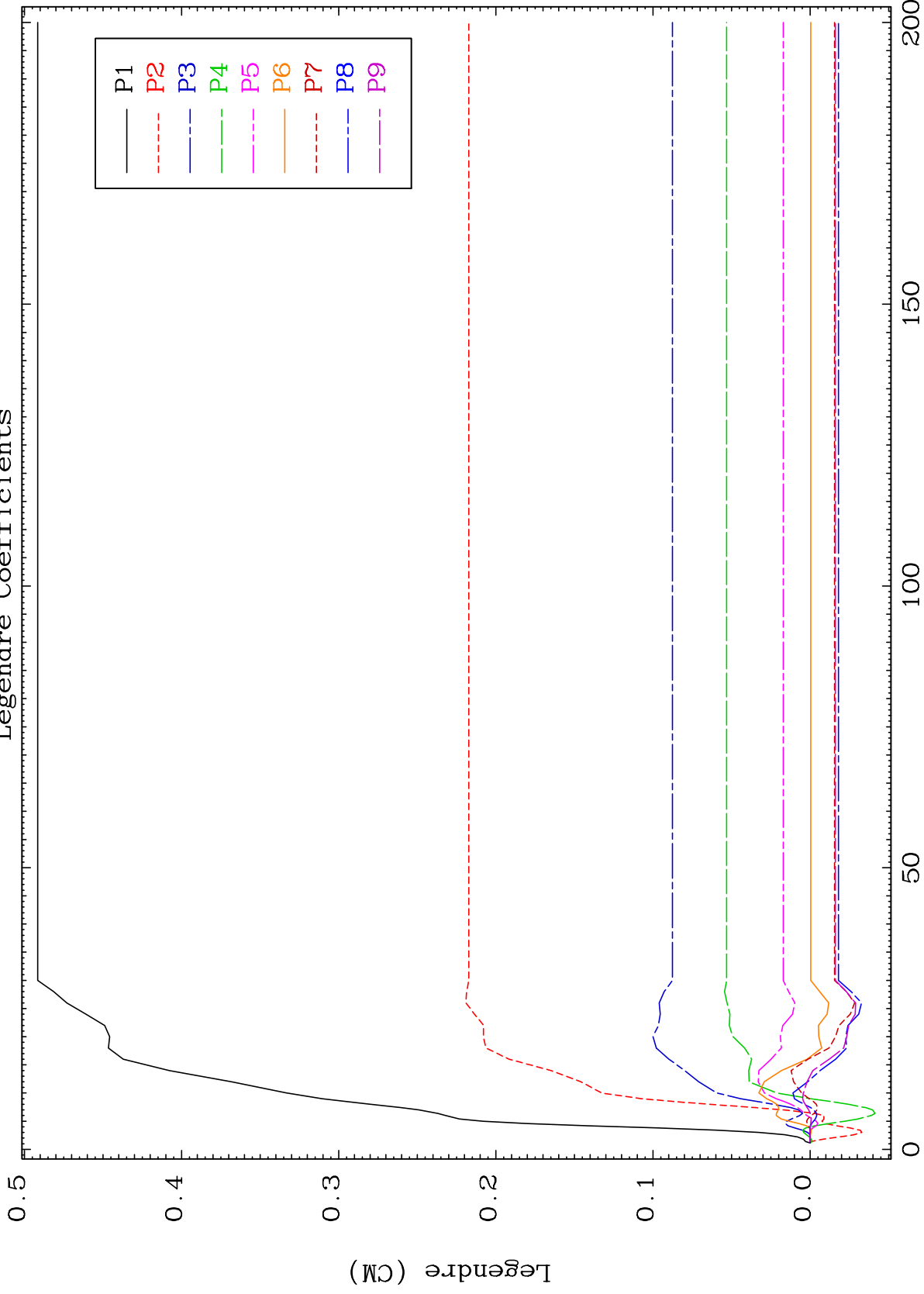
74-W -176

MAT 7413

MT= 57 (n,n') Level

74-W -176

Legendre Coefficients



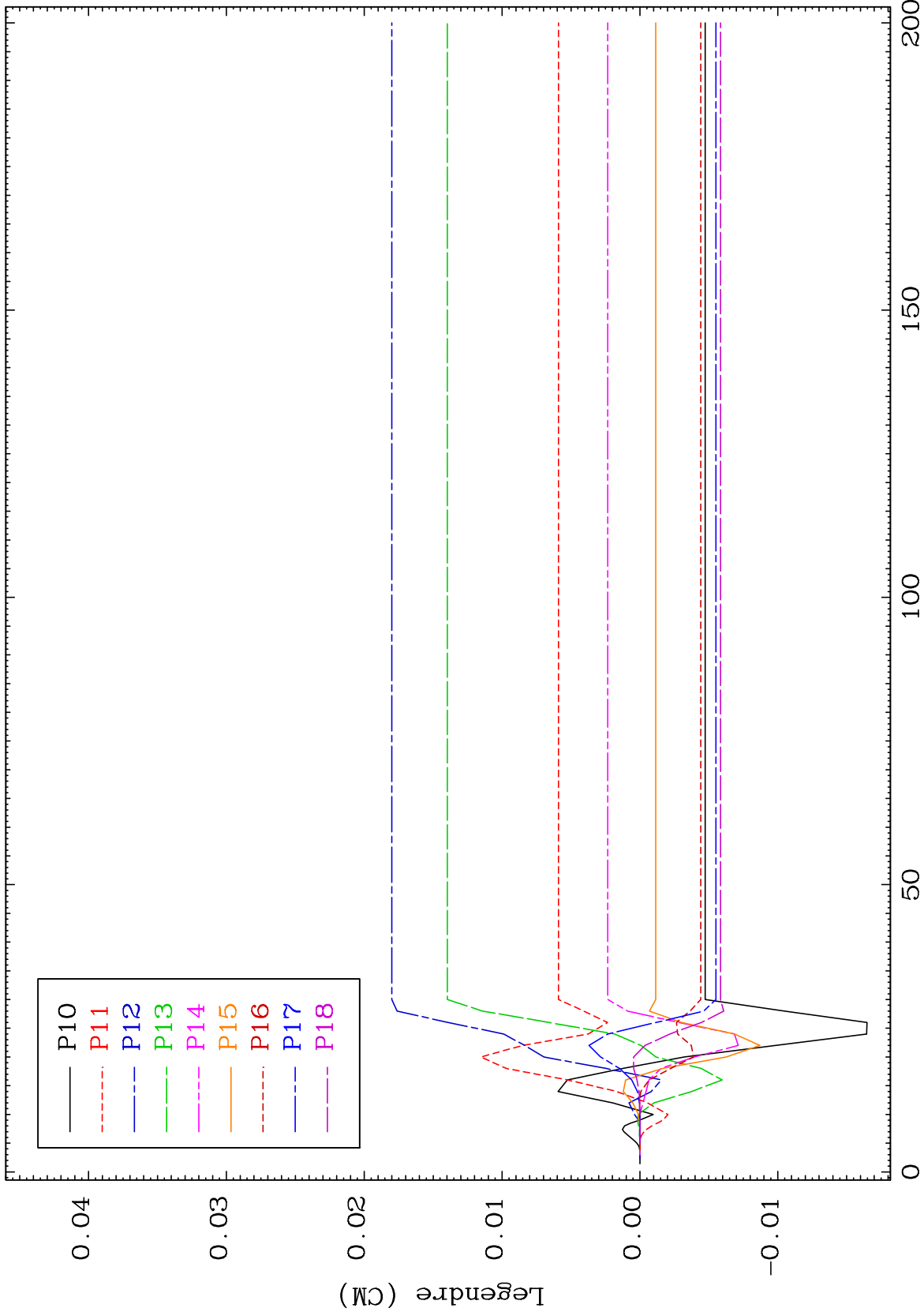
46

74-W -176

MAT 7413

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

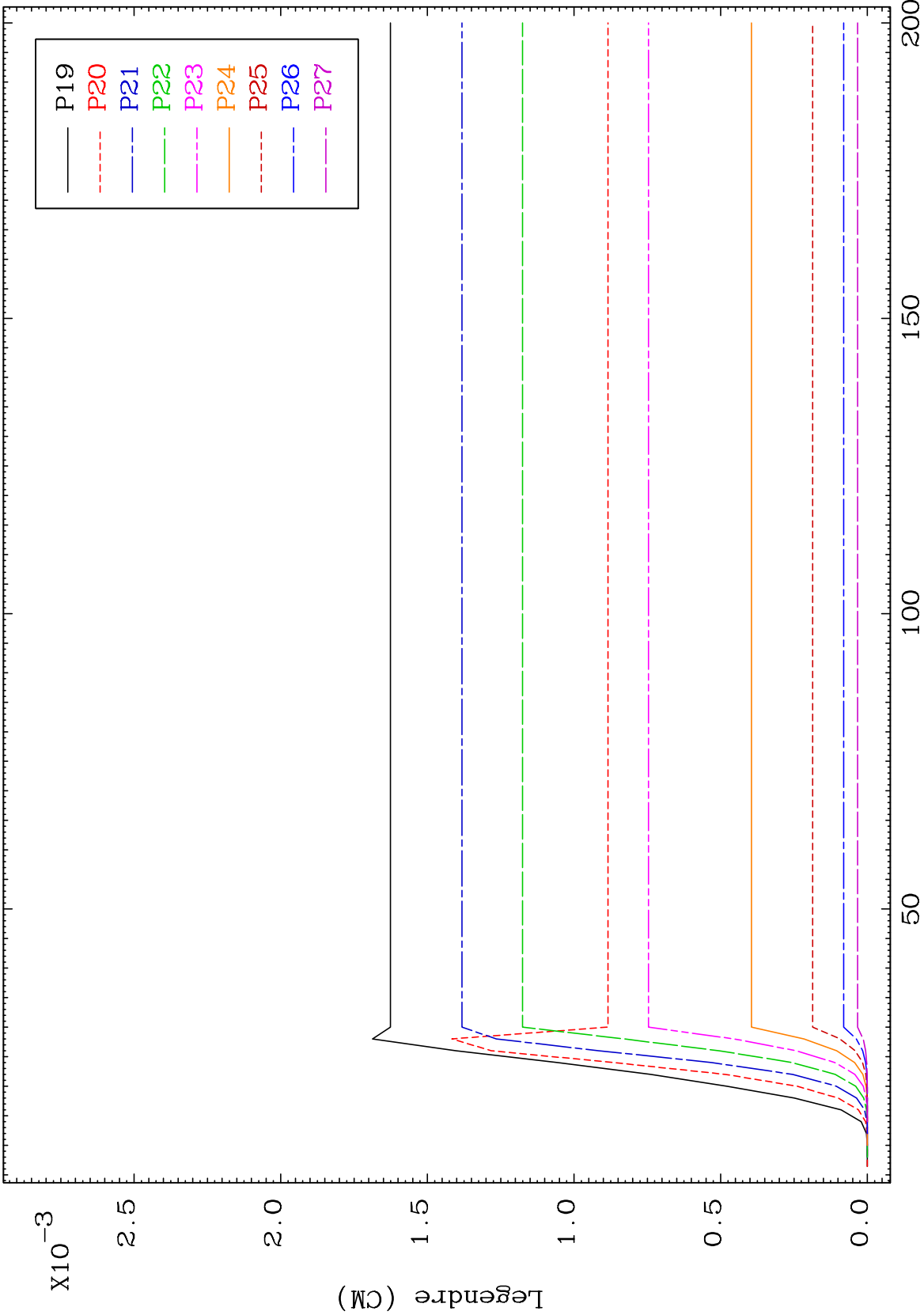
74-W -176



47

Incident Energy (MeV)

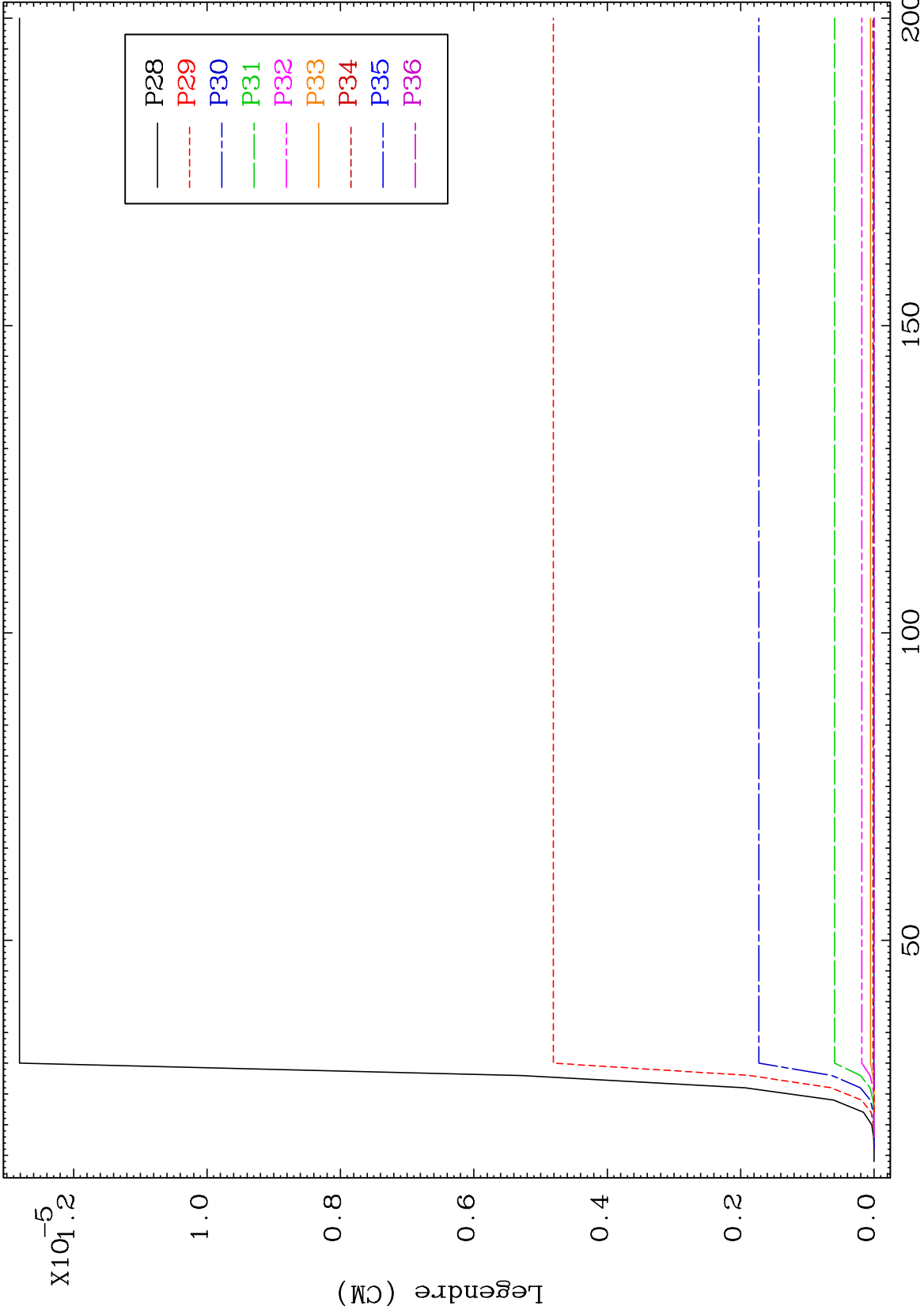
74-W -176



MAT 7413

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

74-W -176



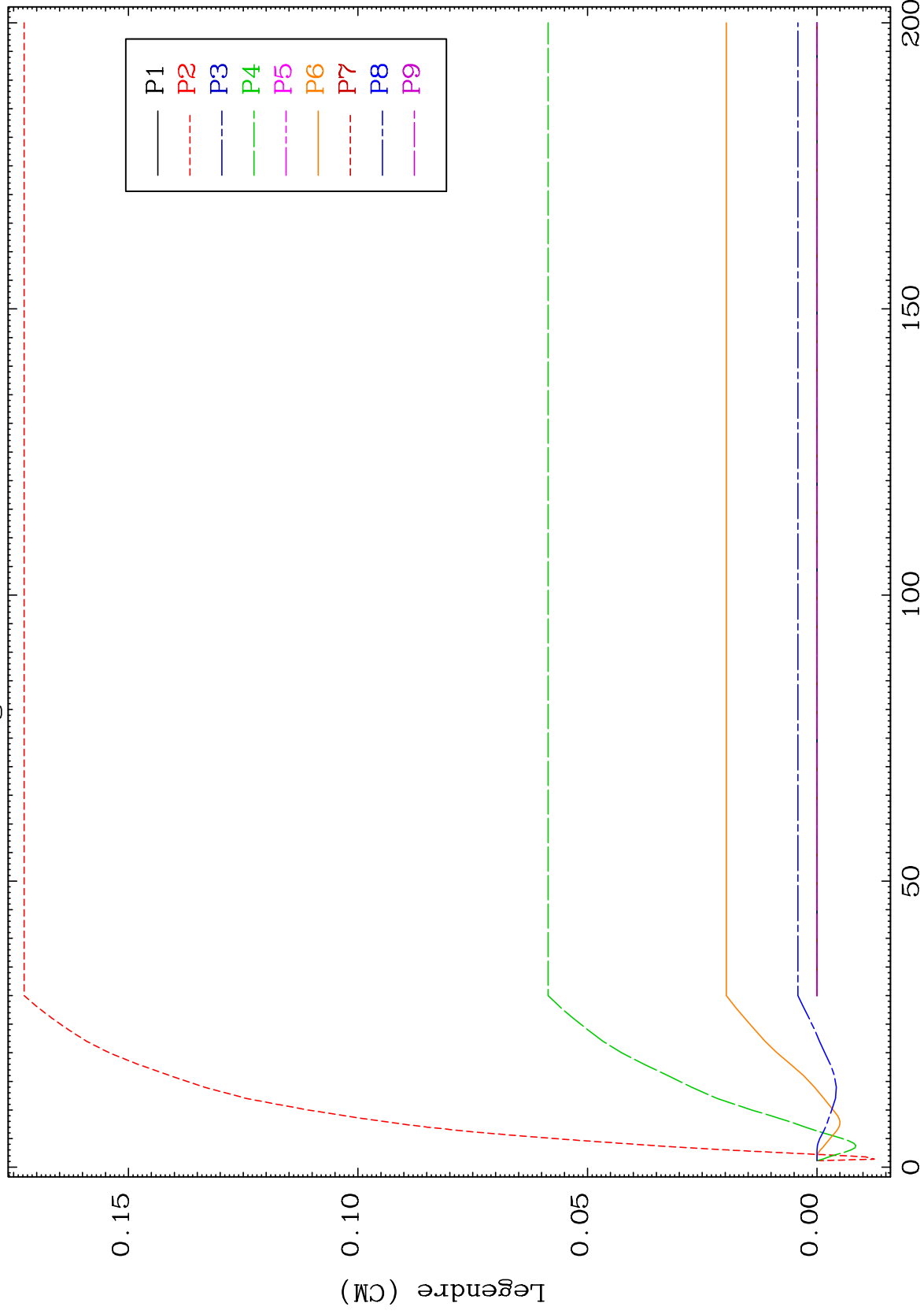
49

74-W -176

MAT 7413

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

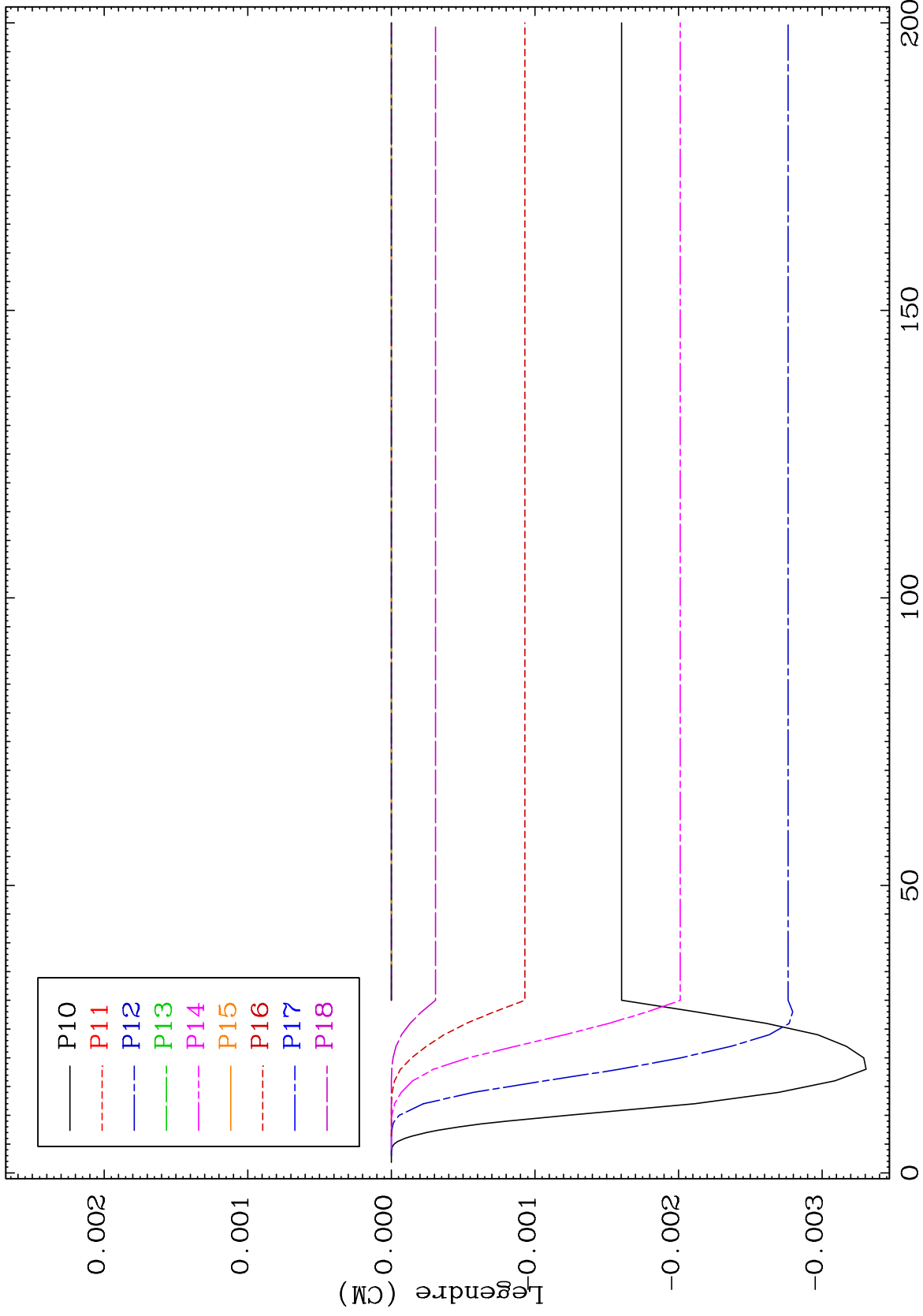
74-W -176



74-W -176

Incident Energy (MeV)

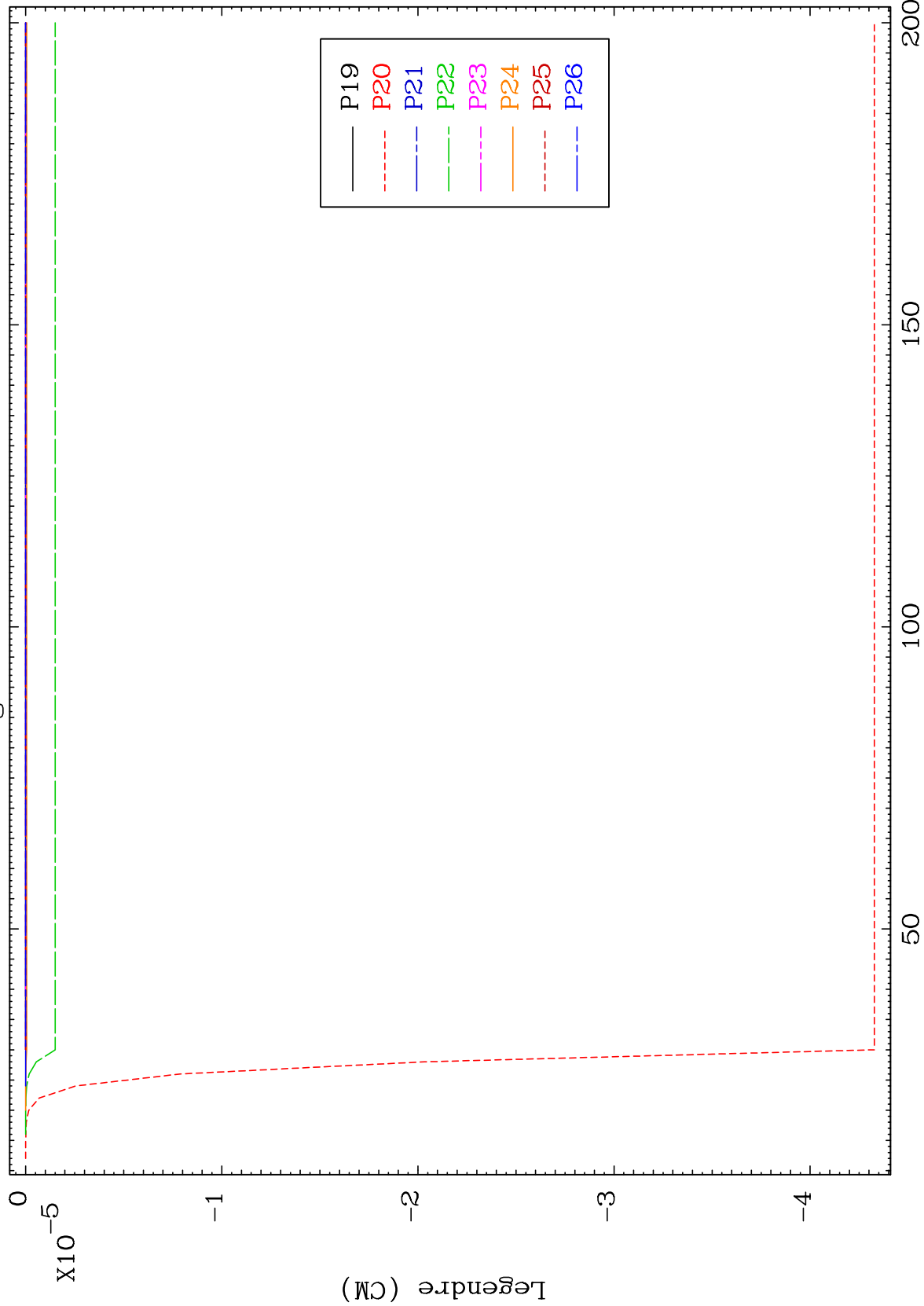
50



MAT 7413

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

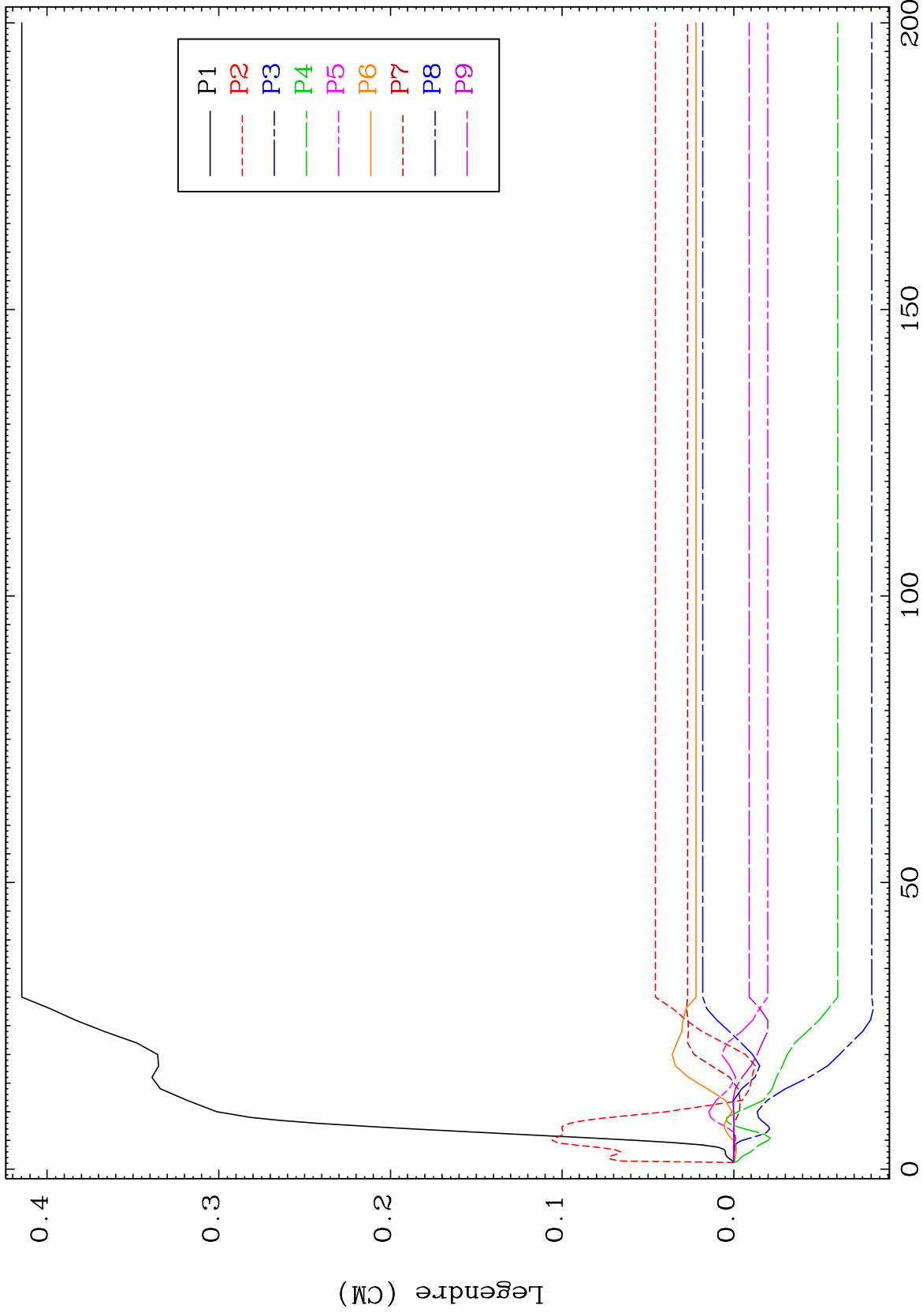
74-W -176

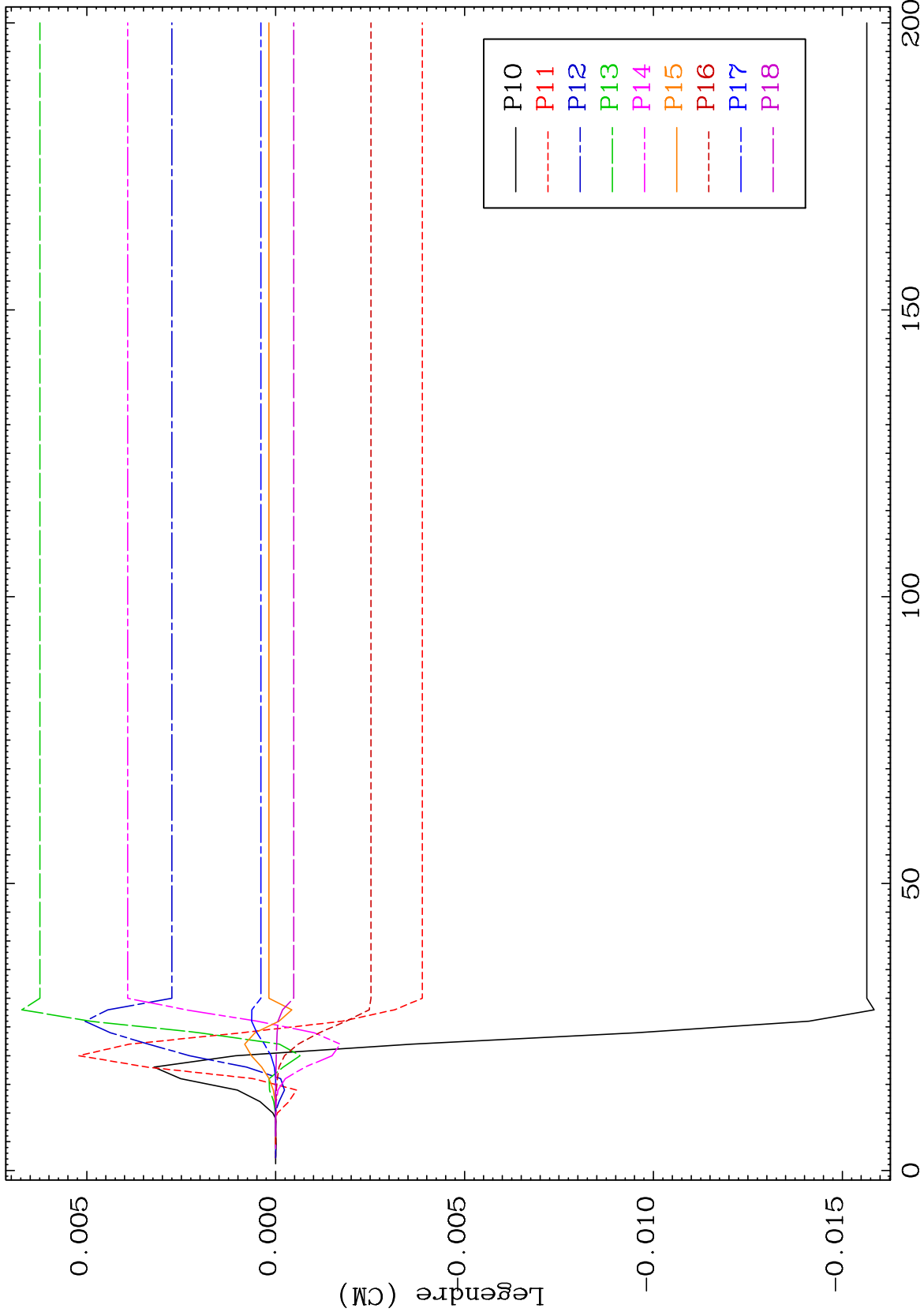


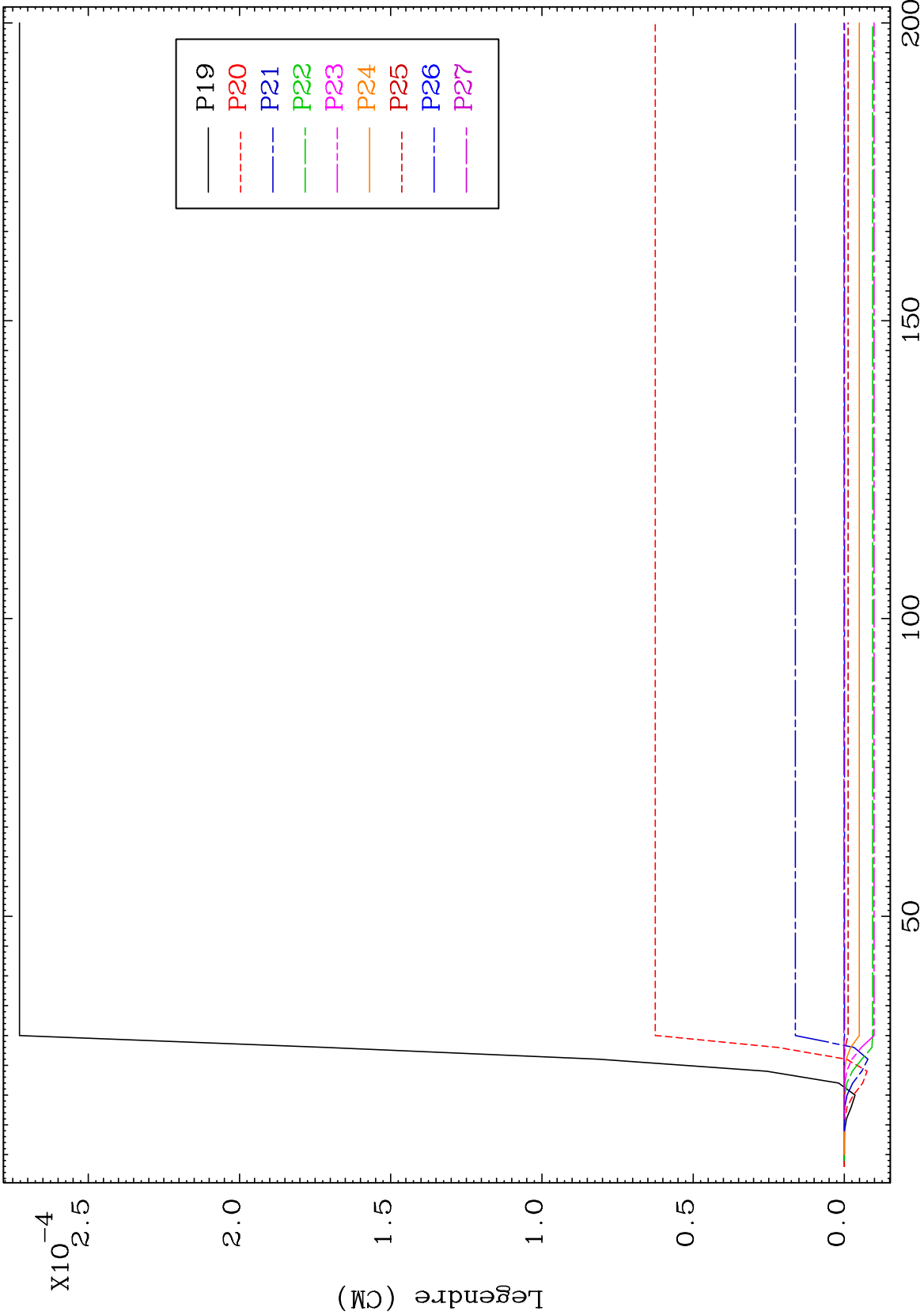
52

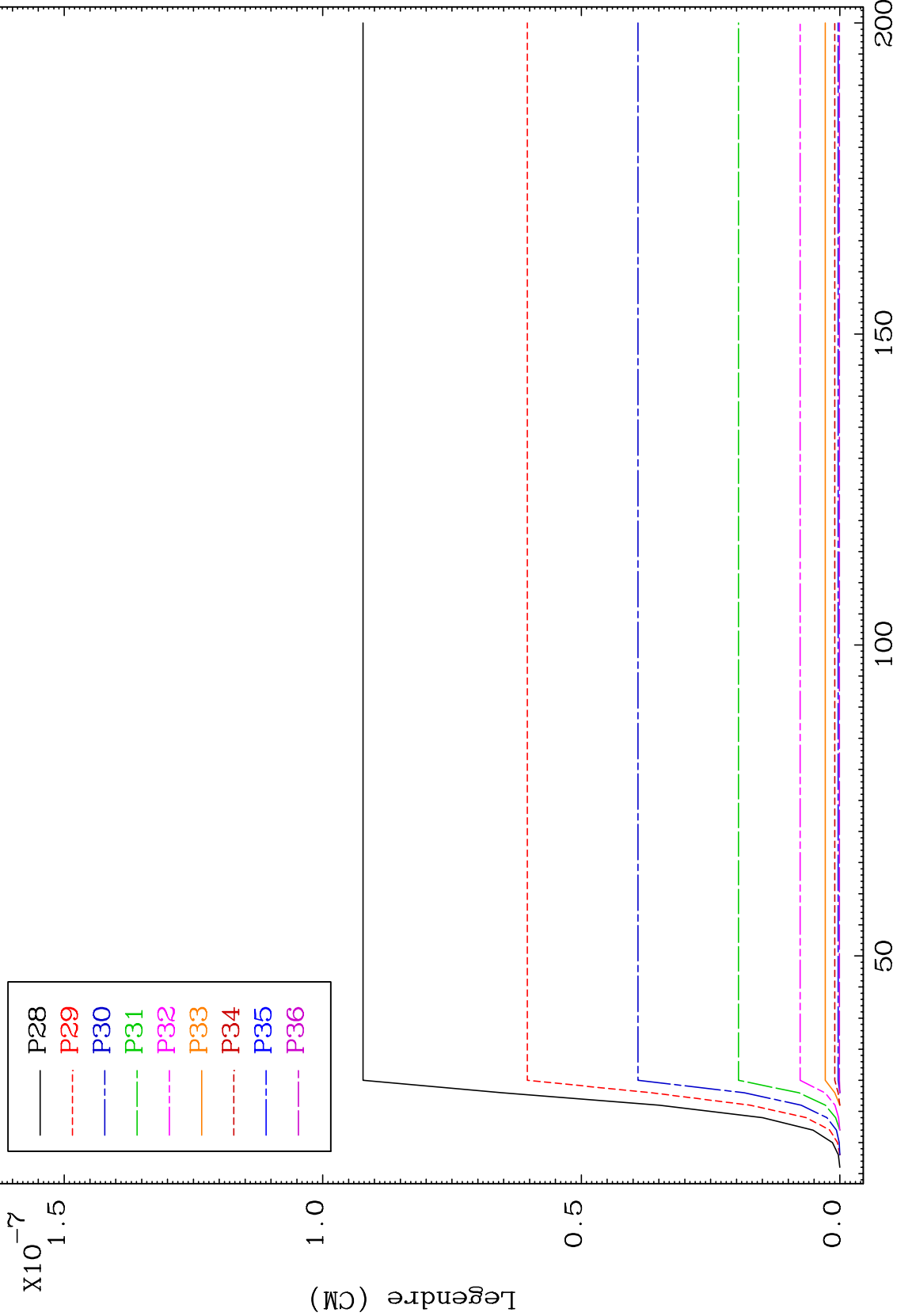
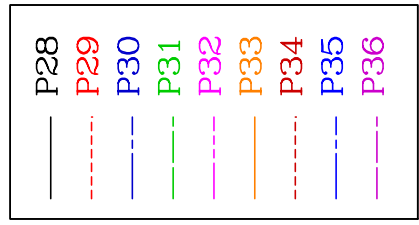
Incident Energy (MeV)

74-W -176





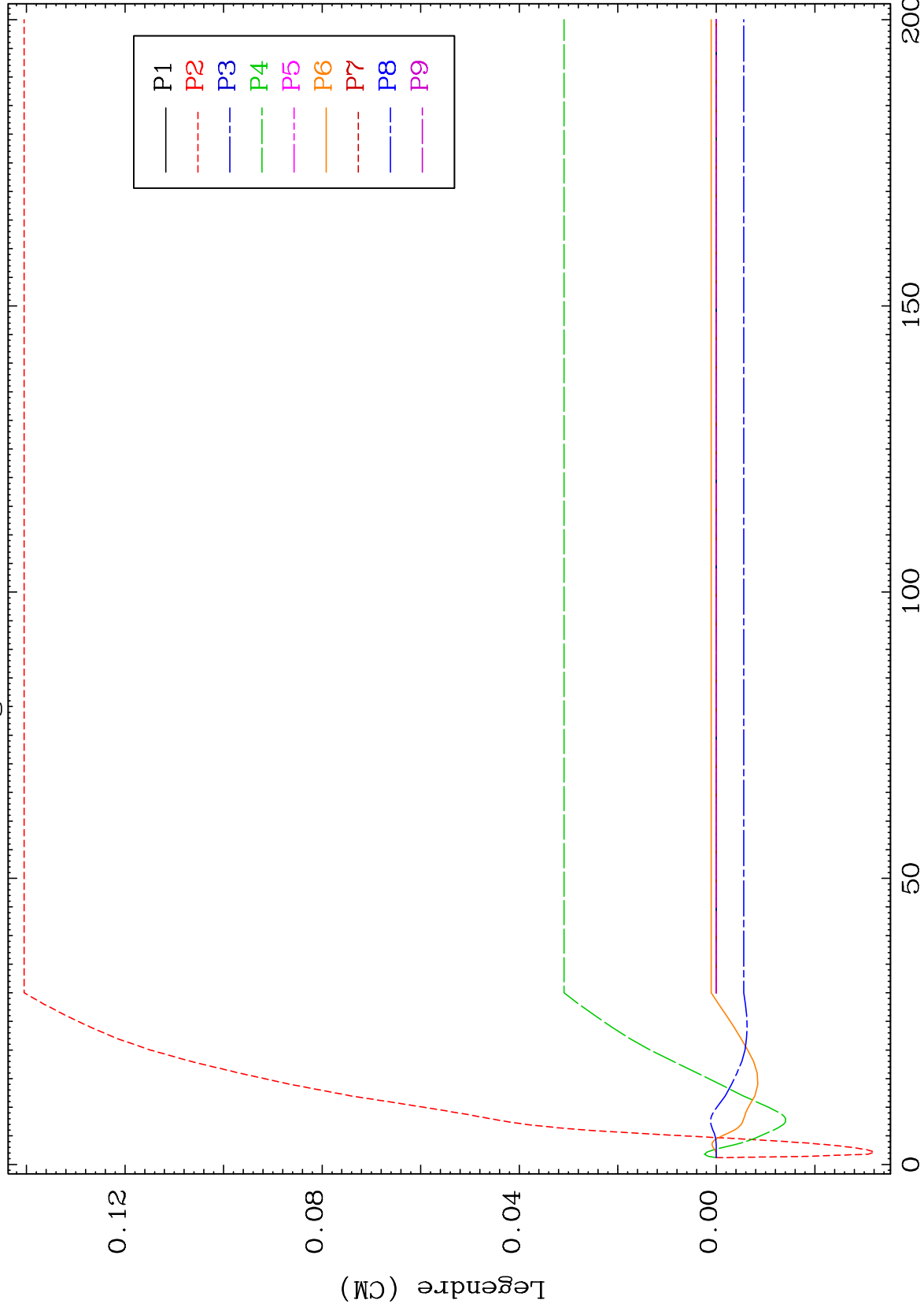




MAT 7413

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

74-W -176



57

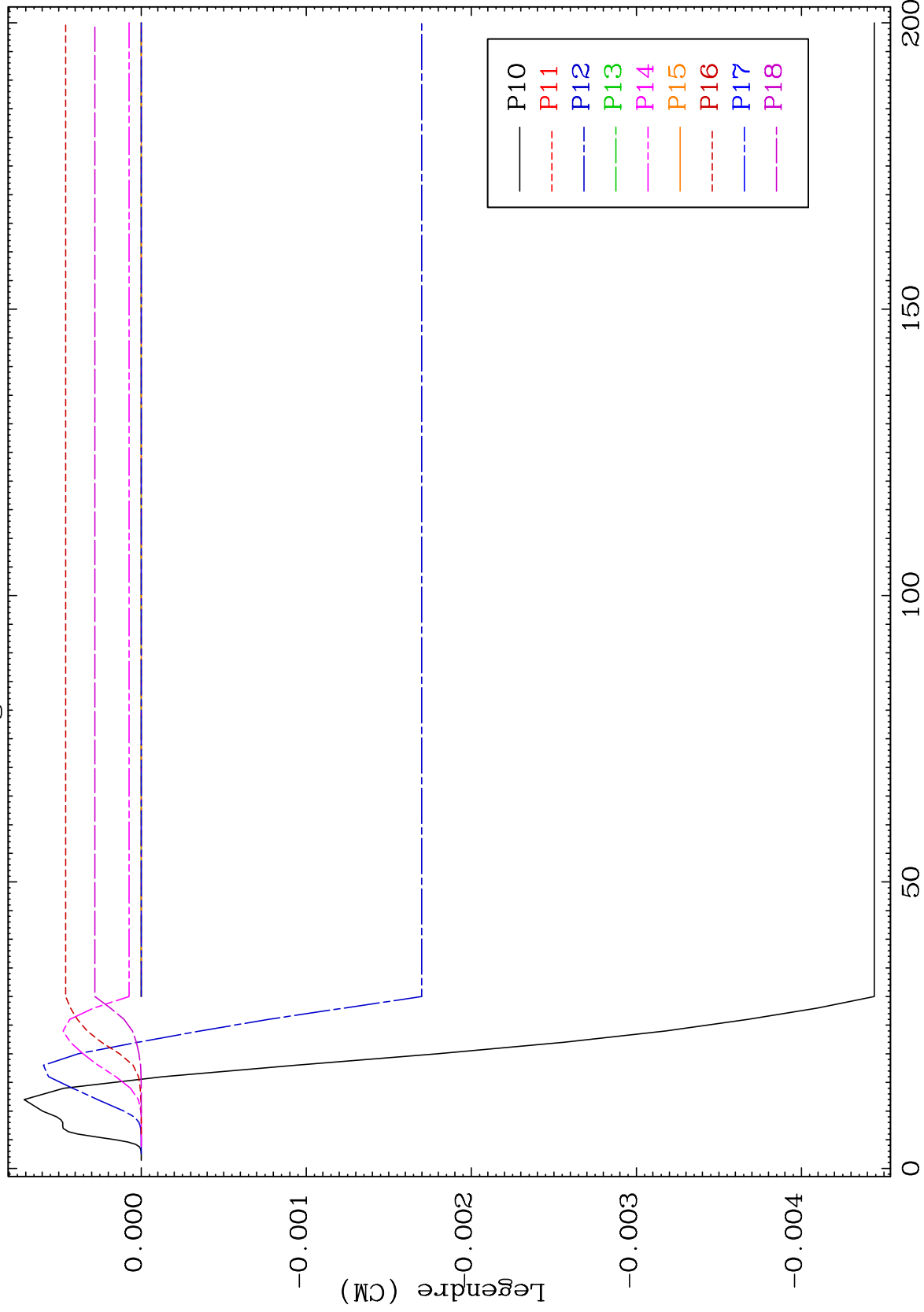
Incident Energy (MeV)

74-W -176

MAT 7413

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

74-W -176



58

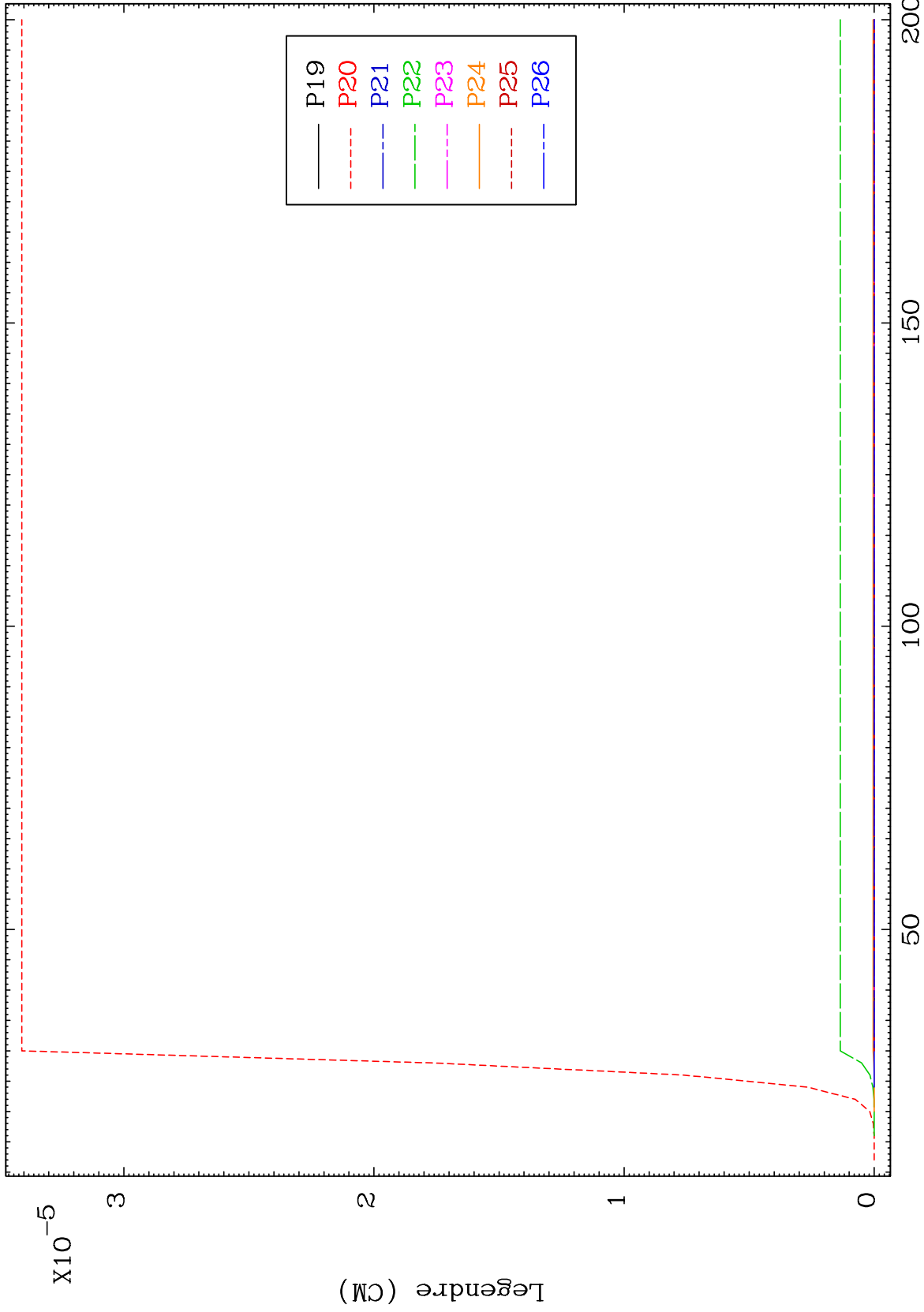
Incident Energy (MeV)

74-W -176

MAT 7413

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

74-W -176



59

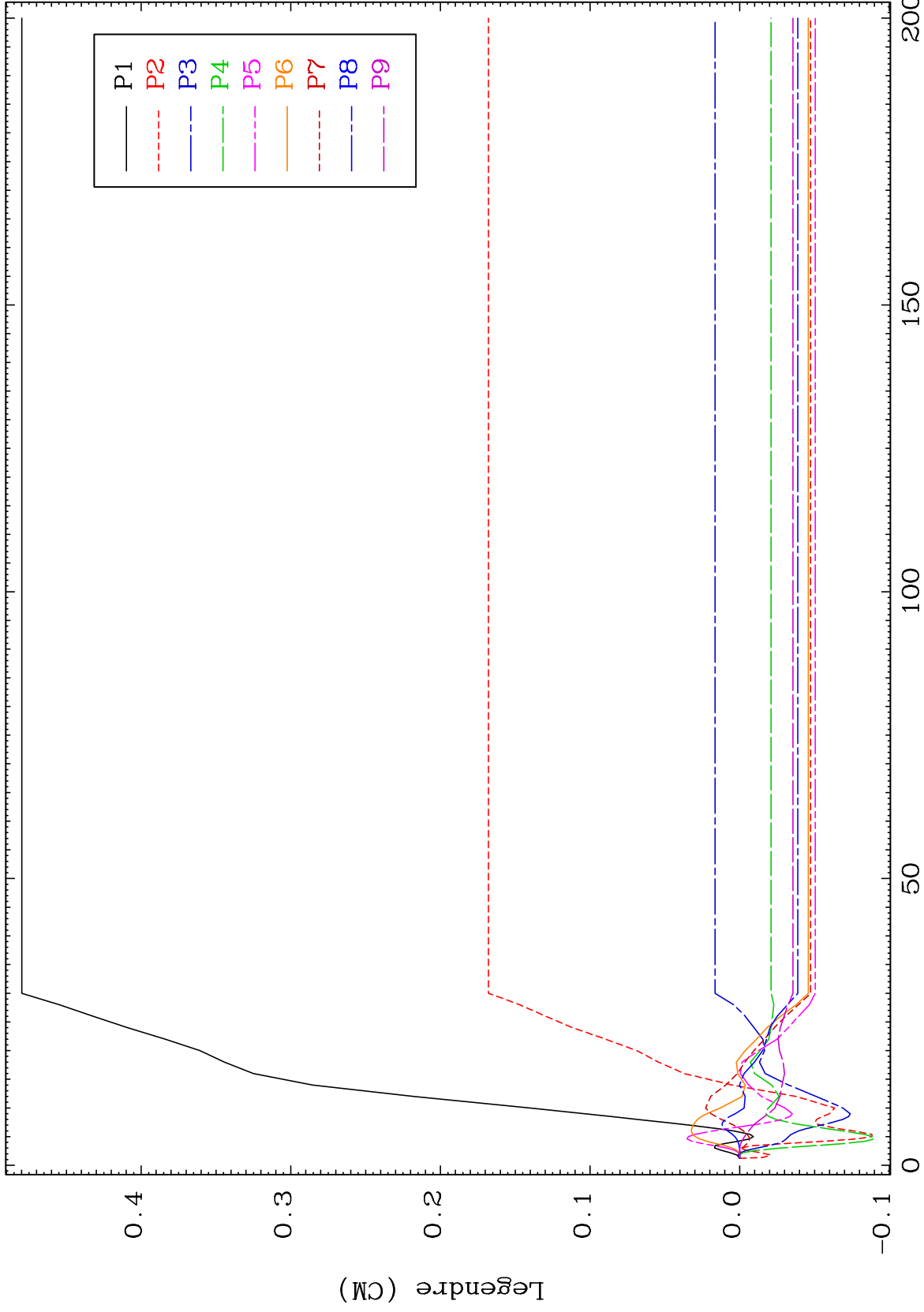
Incident Energy (MeV)

74-W -176

MAT 7413

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

74-W -176



74-W -176

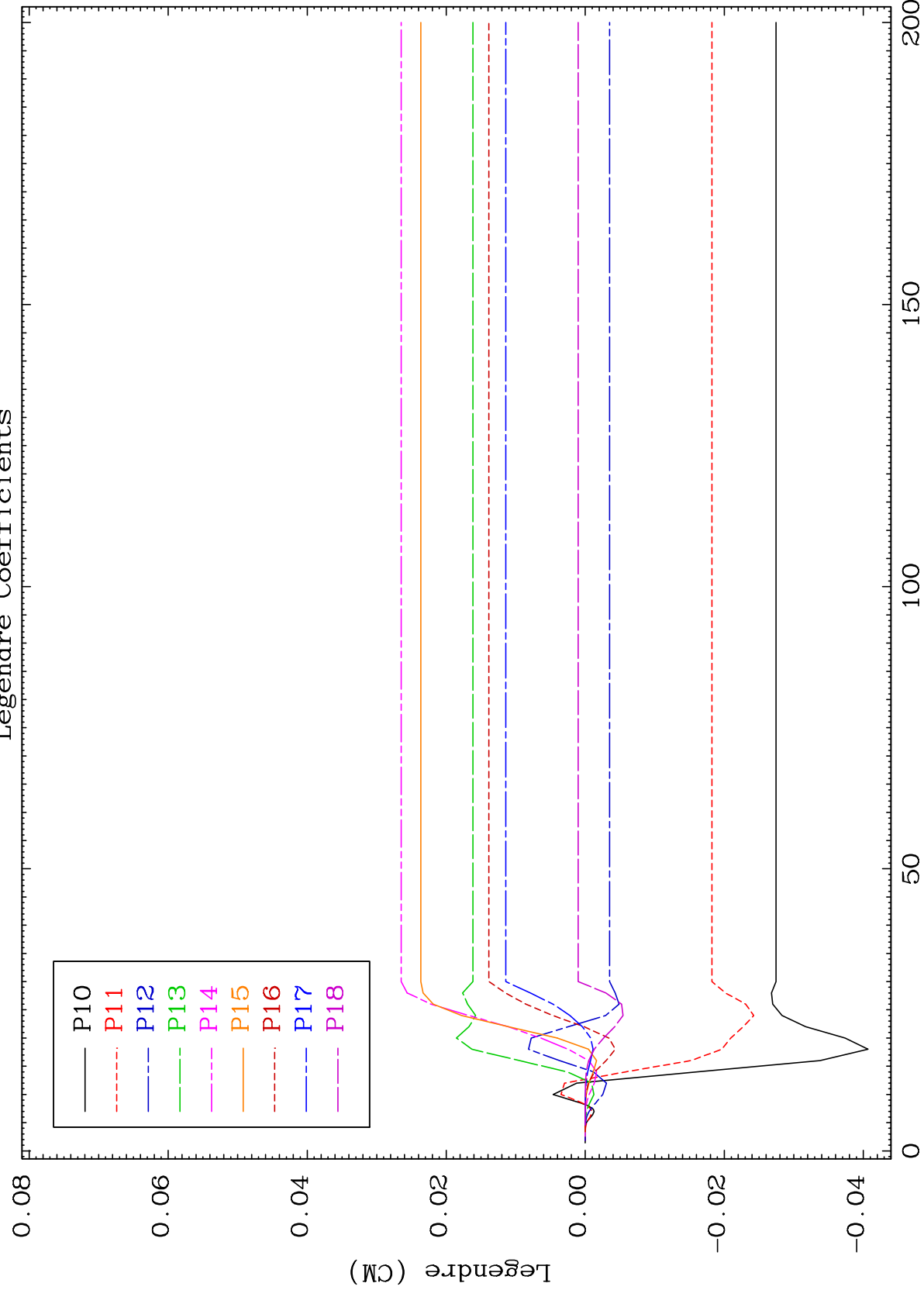
Incident Energy (MeV)

60

MAT 7413

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

74-W -176



61

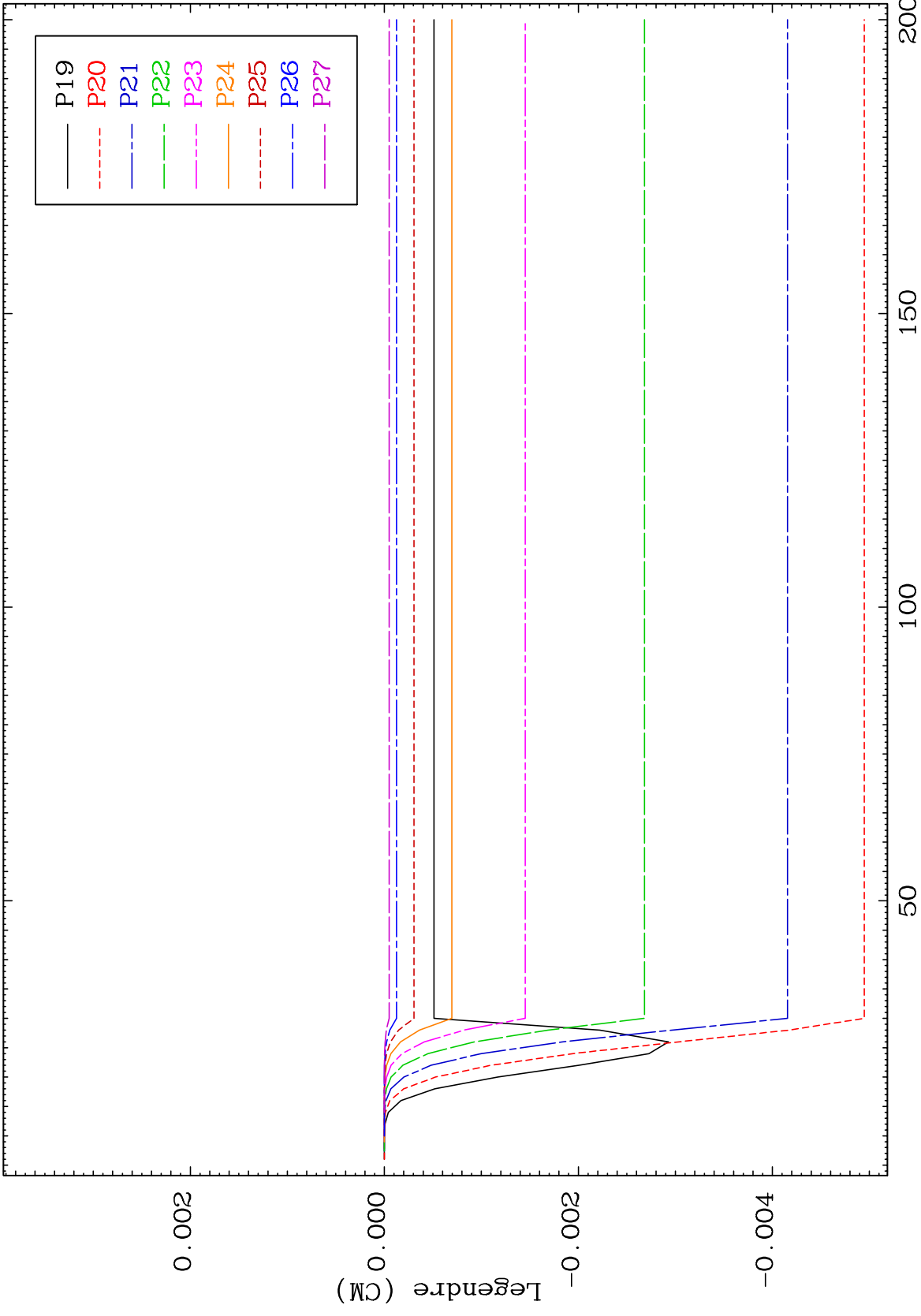
Incident Energy (MeV)

74-W -176

MAT 7413

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

74-W -176



62

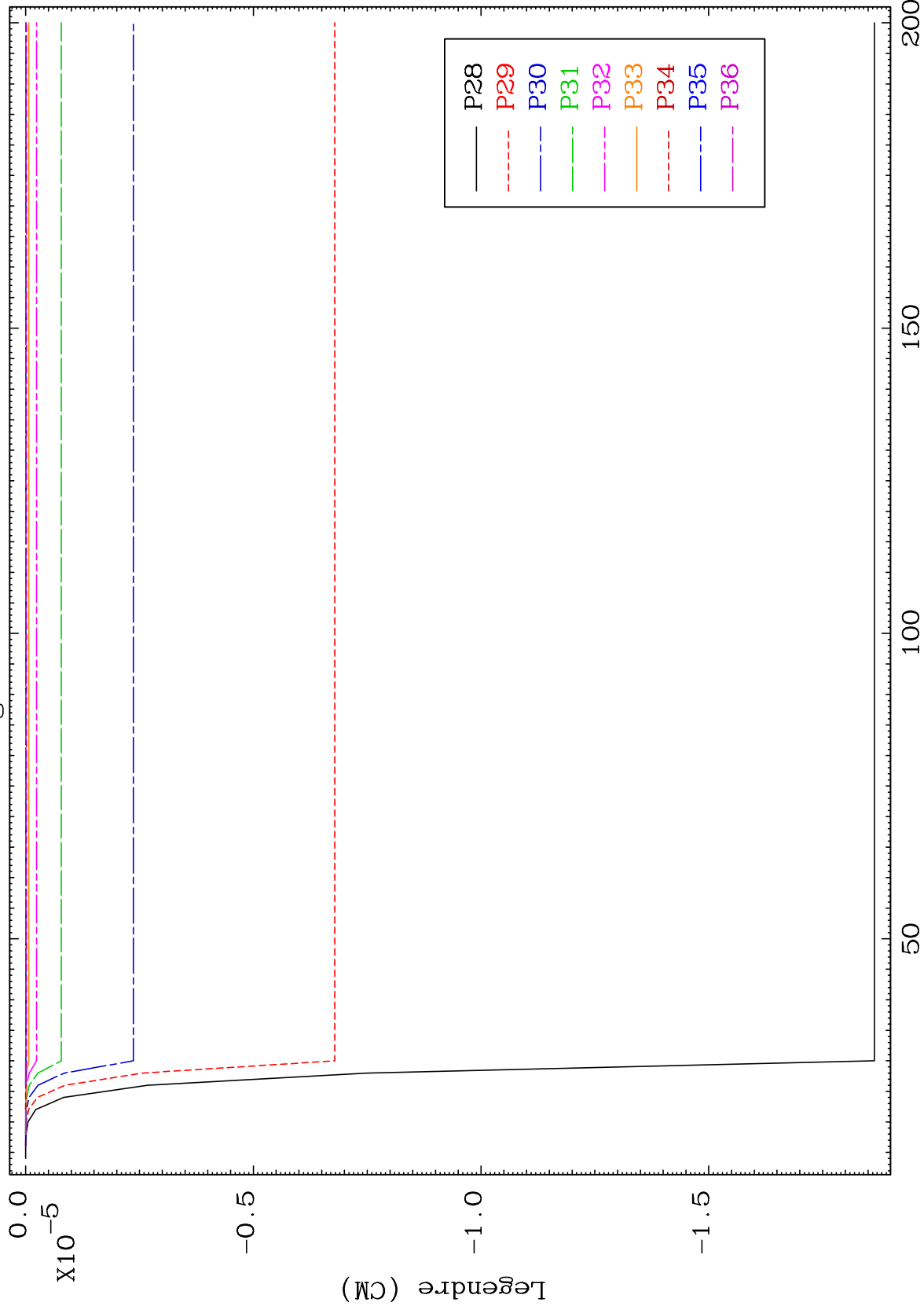
Incident Energy (MeV)

74-W -176

MAT 7413

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

74-W -176



74-W -176

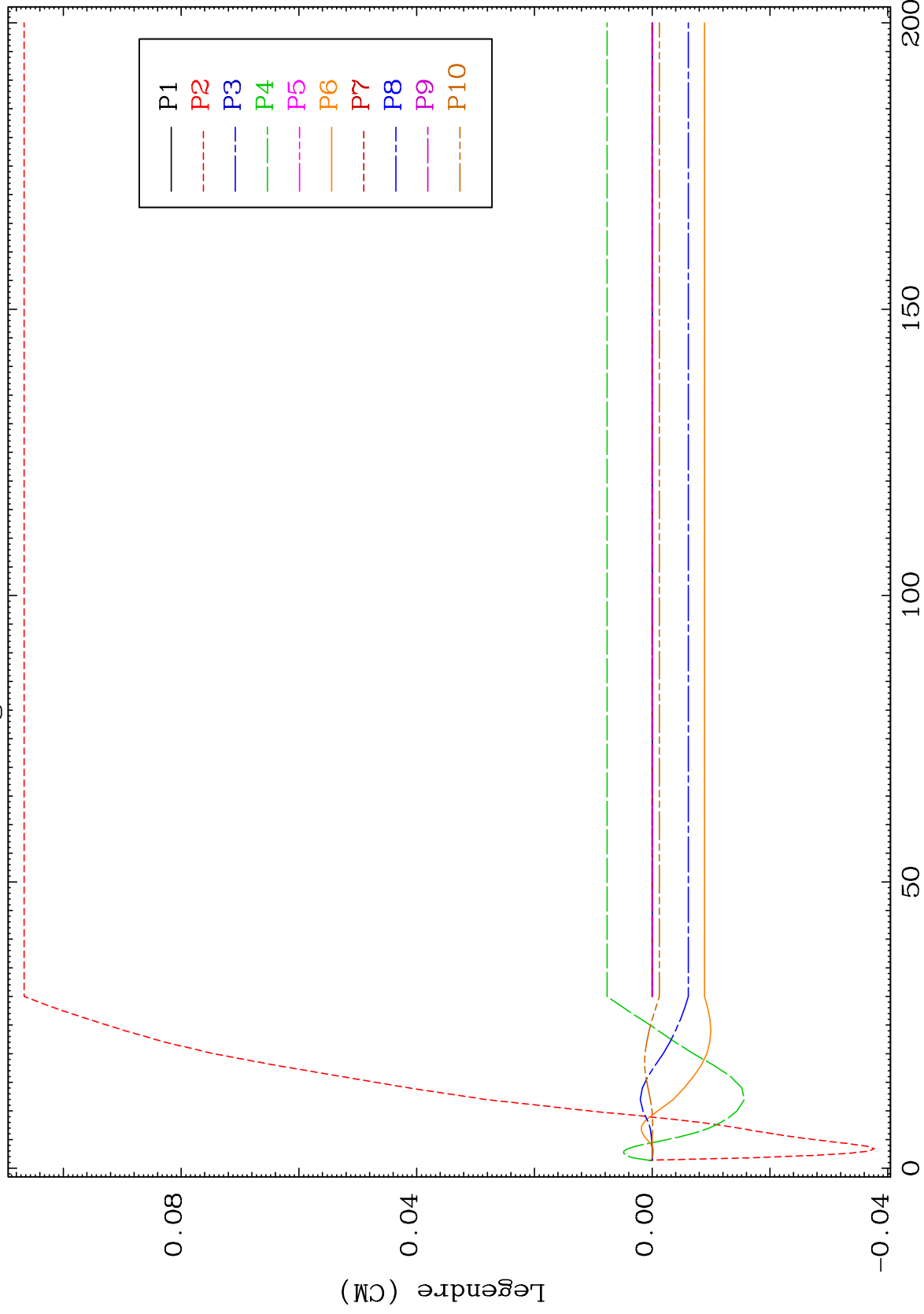
Incident Energy (MeV)

63

MAT 7413

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

74-W -176



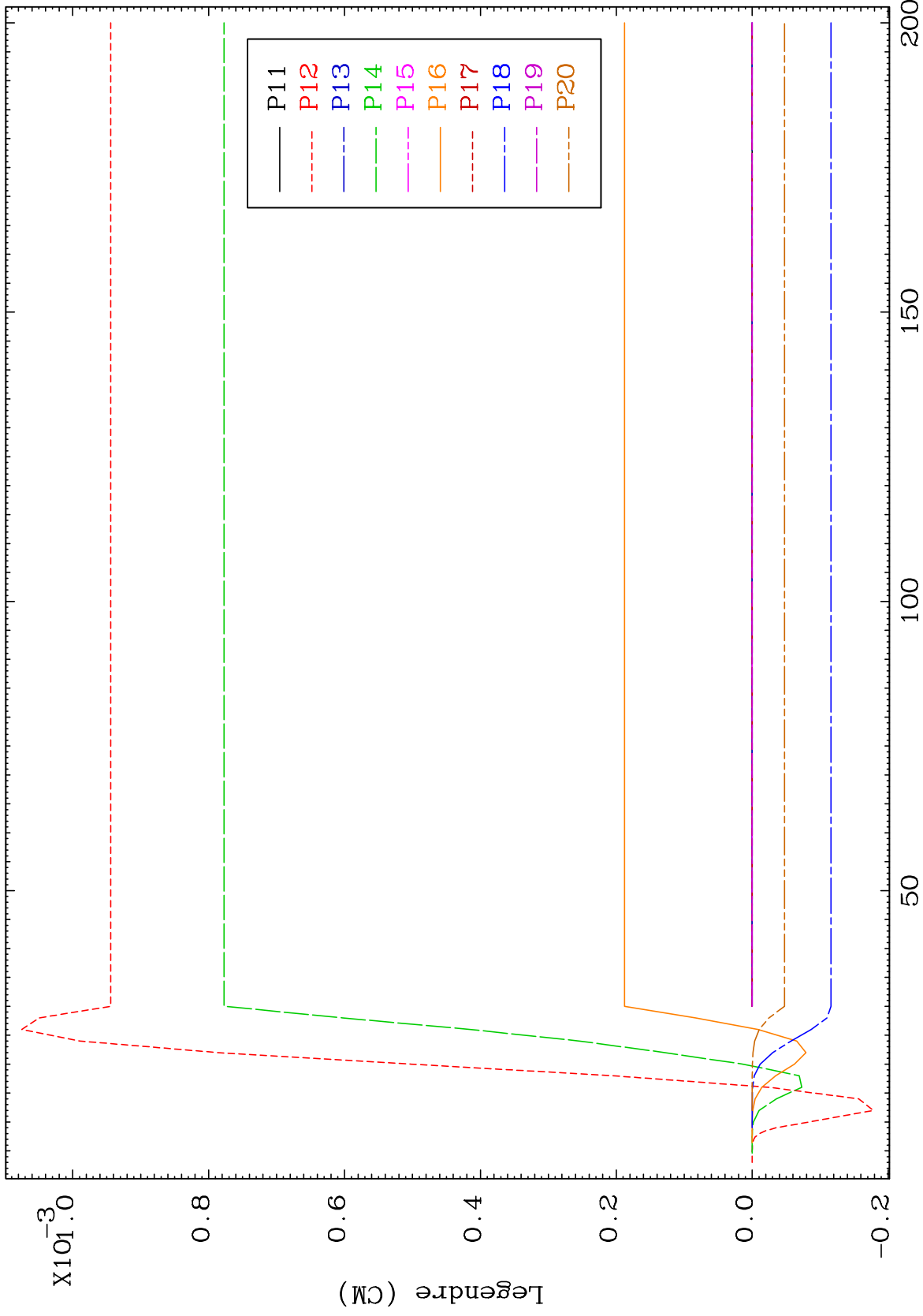
64

74-W -176

MAT 7413

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

74-W -176



65

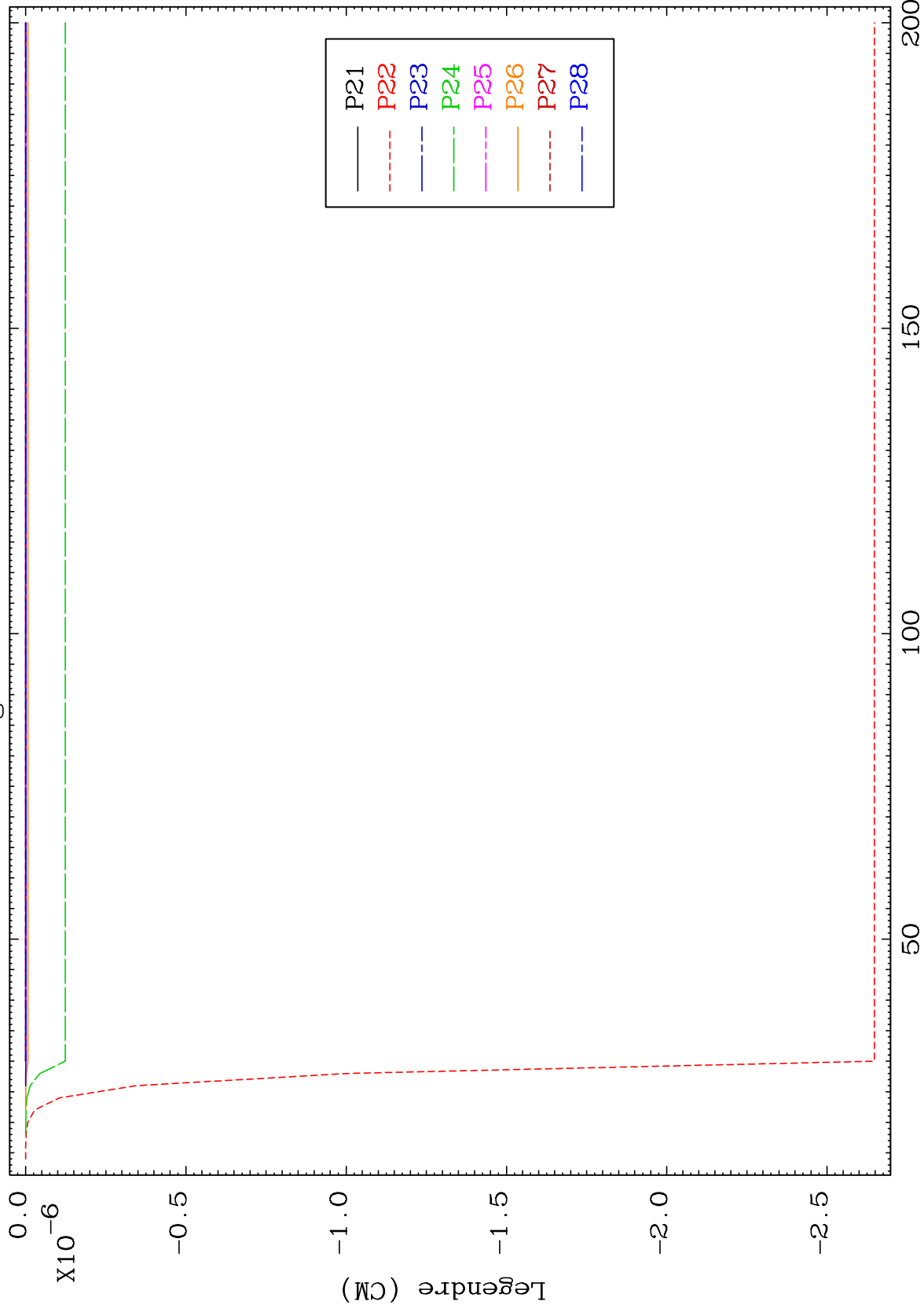
Incident Energy (MeV)

74-W -176

MAT 7413

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

74-W -176



66

Incident Energy (MeV)

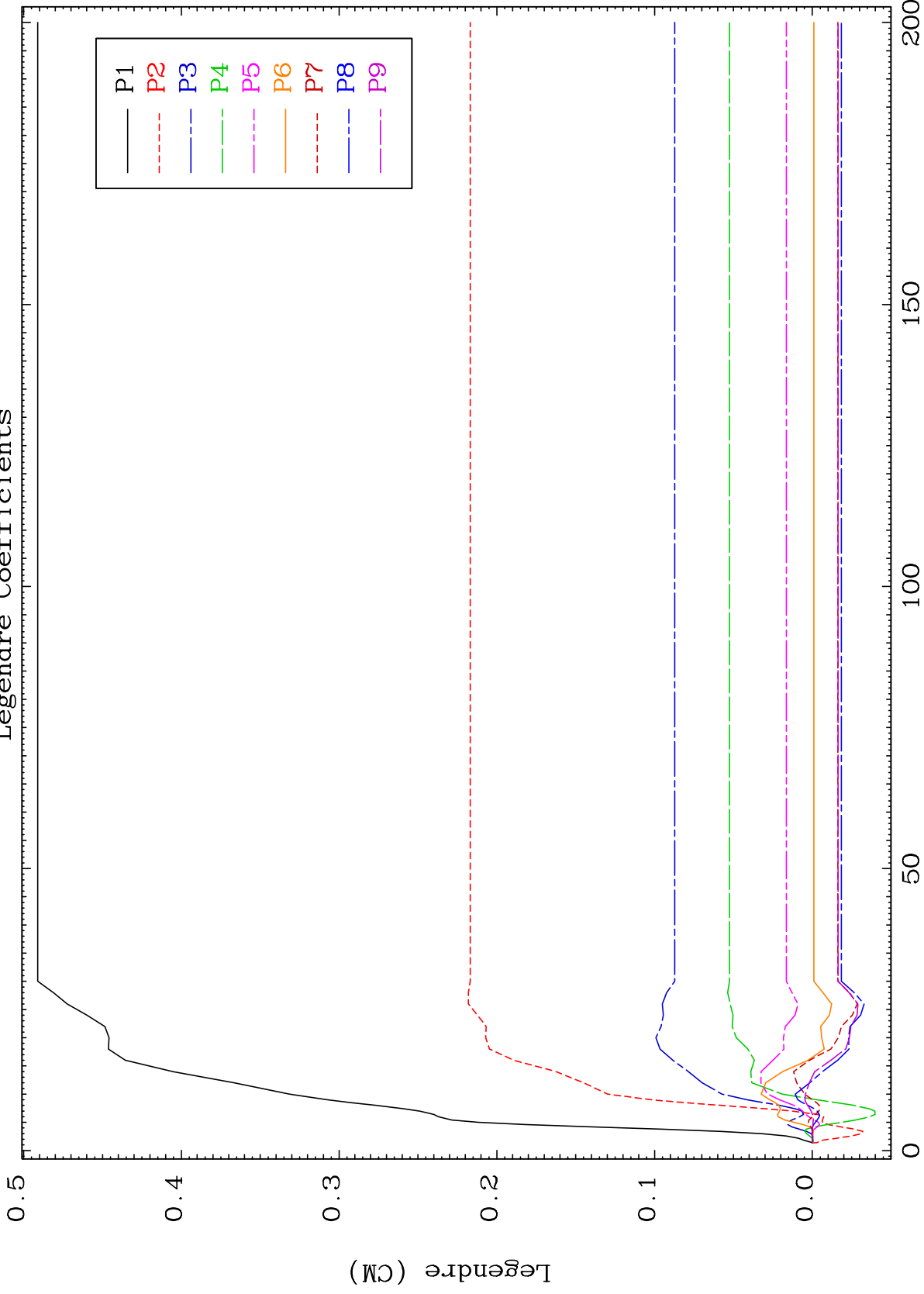
74-W -176

MAT 7413

MT= 63 (n,n') Level

74-W -176

Legendre Coefficients



67

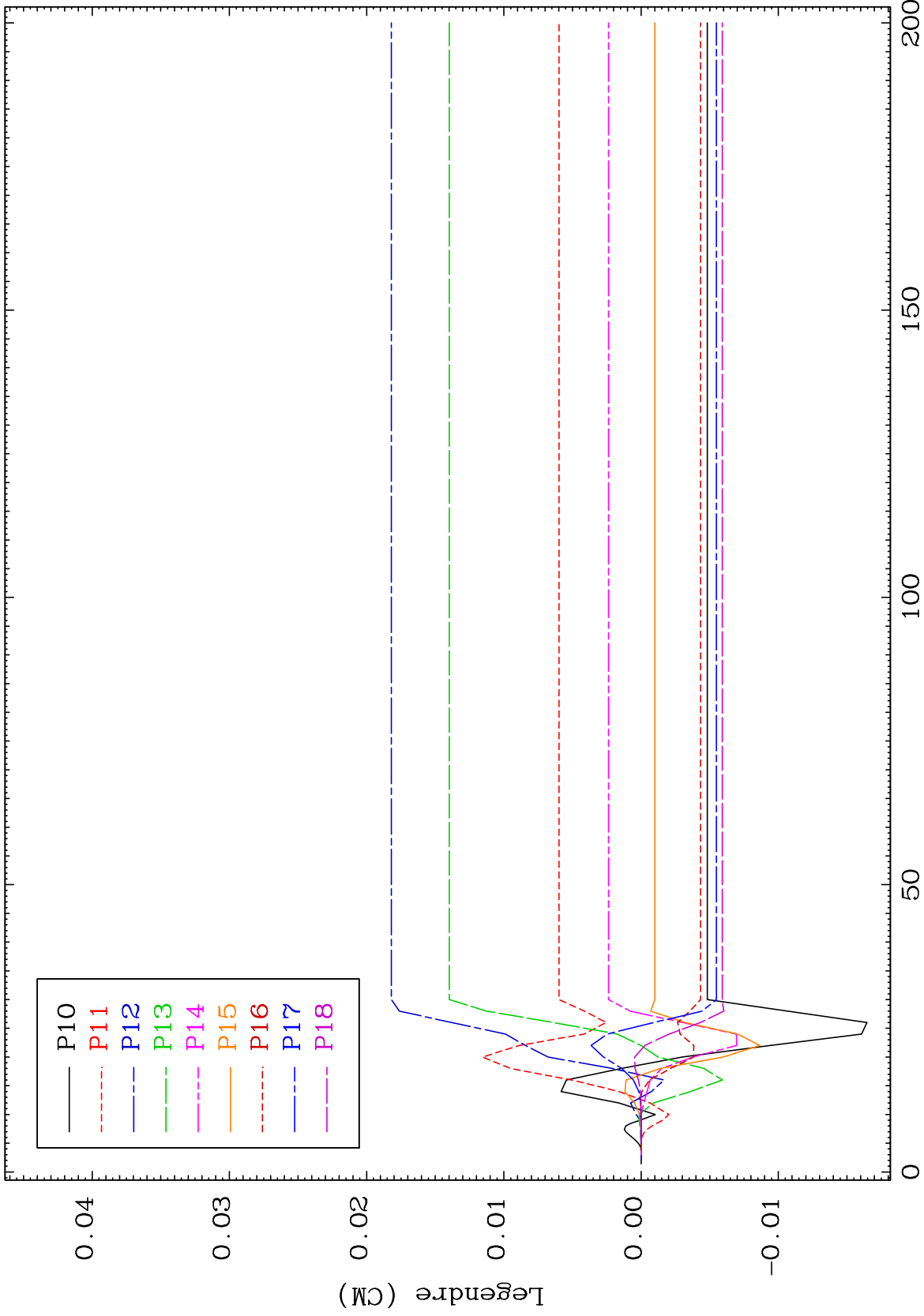
Incident Energy (MeV)

74-W -176

MAT 7413

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

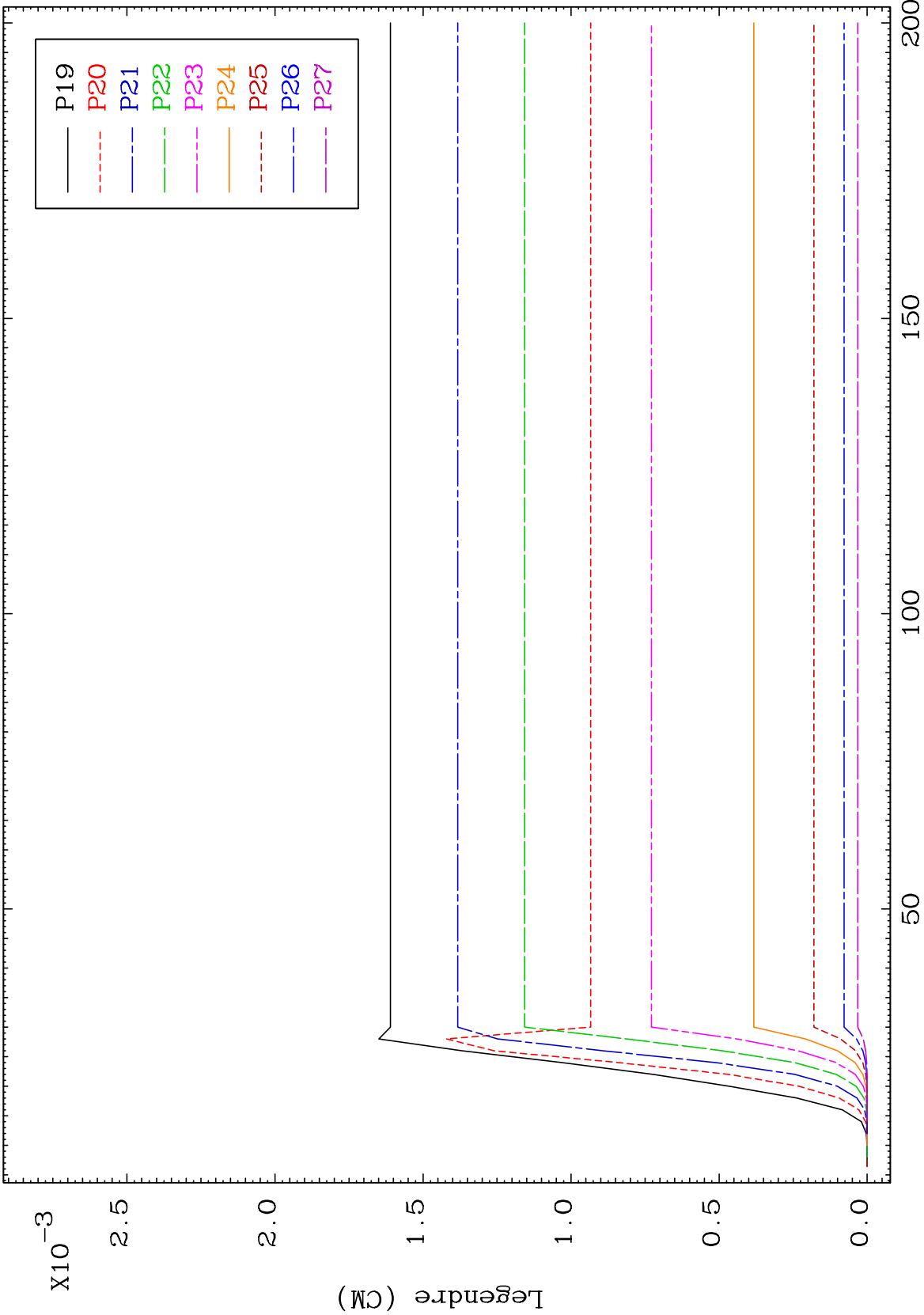
74-W -176



68

Incident Energy (MeV)

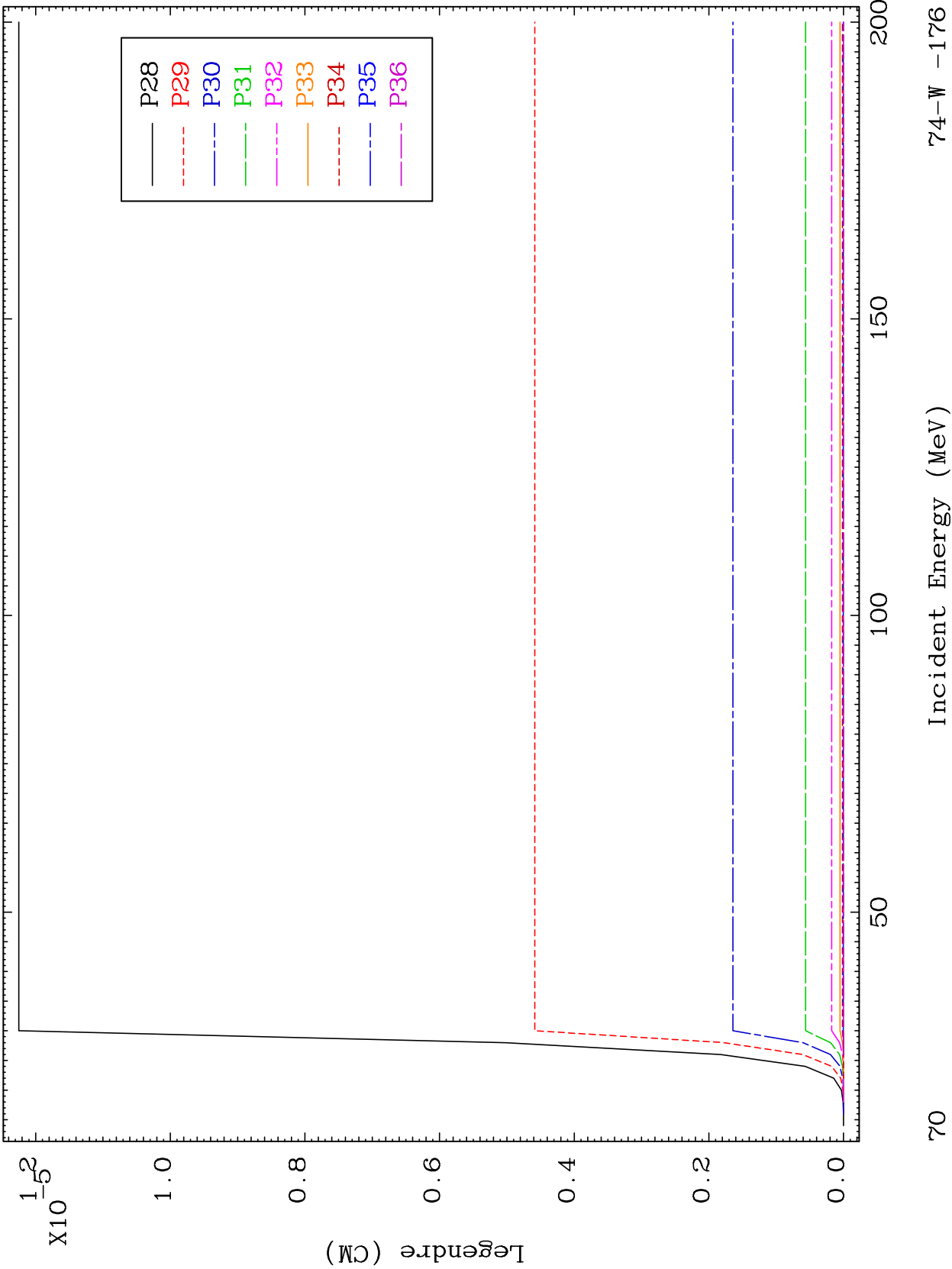
74-W -176



MAT 7413

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

74-W -176



70

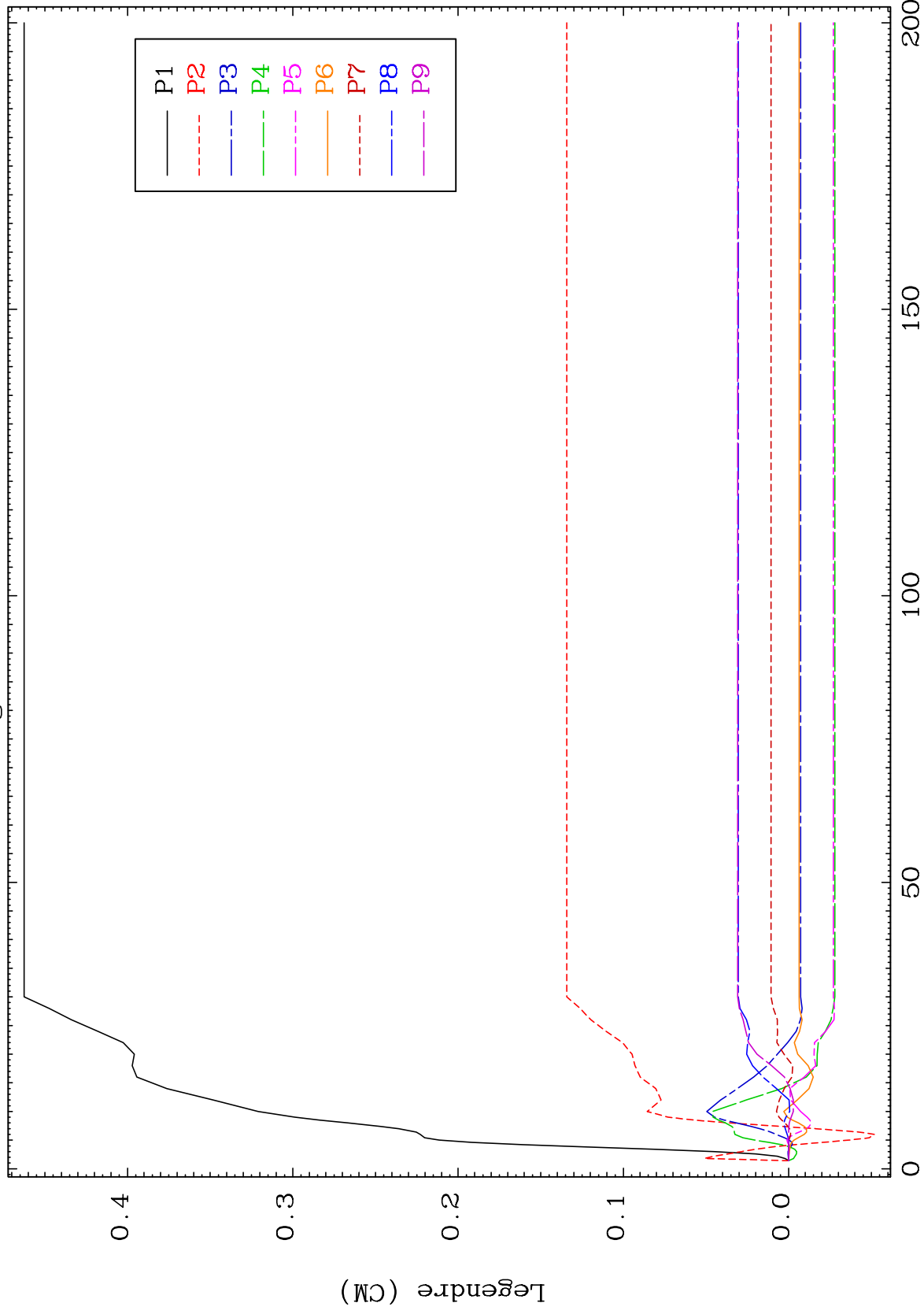
Incident Energy (MeV)

74-W -176

MAT 7413

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

74-W -176



71

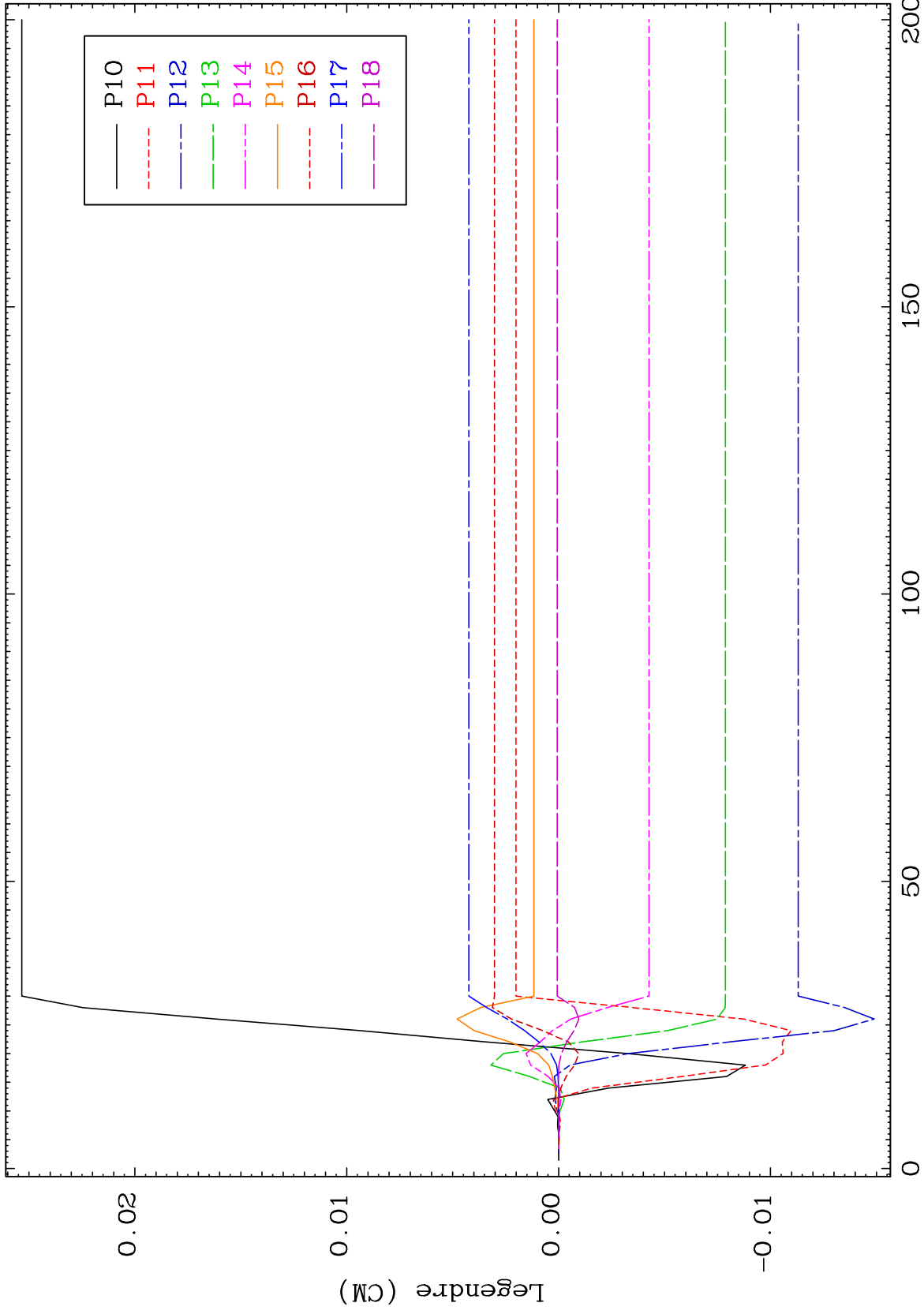
Incident Energy (MeV)

74-W -176

MAT 7413

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

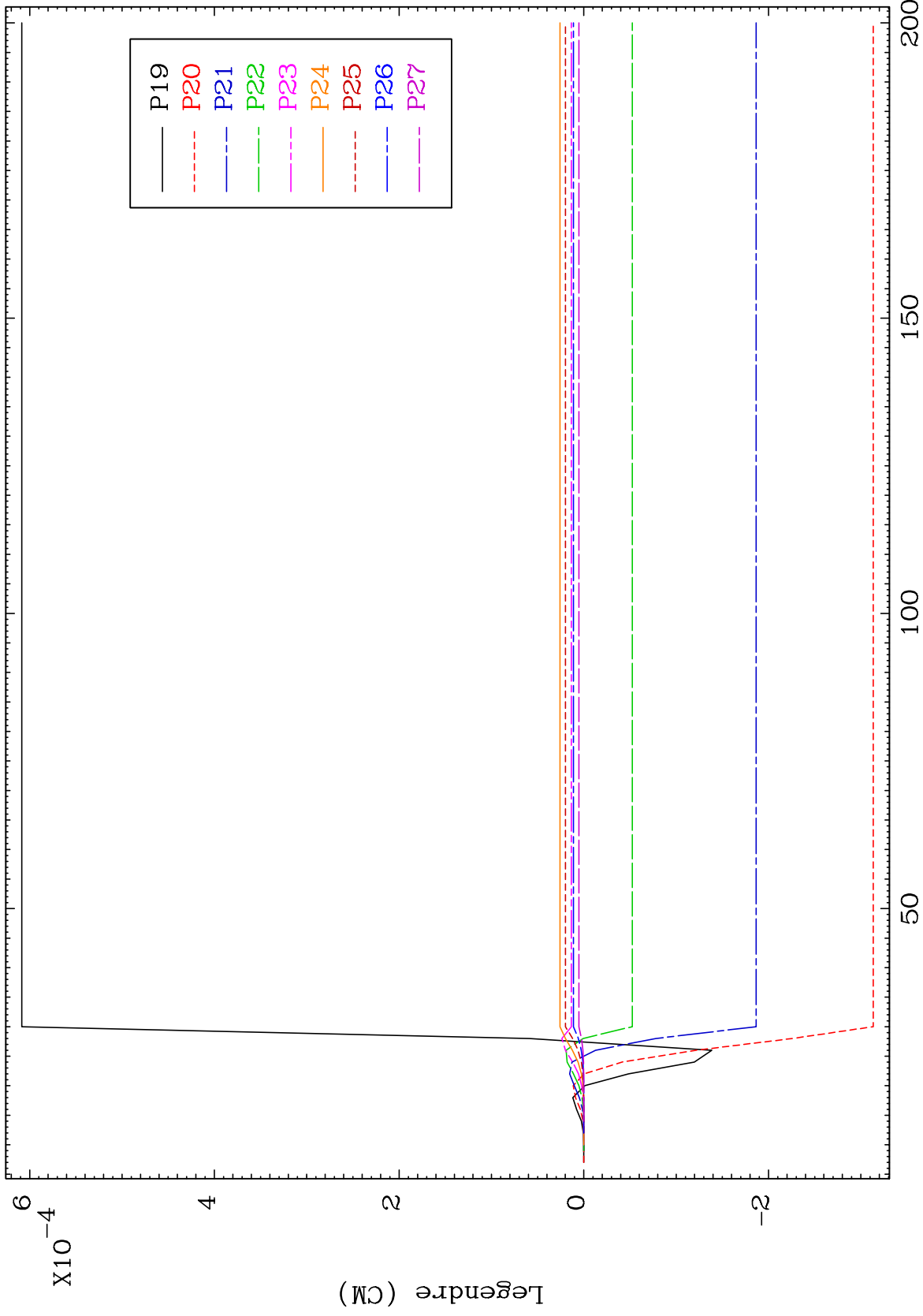
74-W -176



72

Incident Energy (MeV)

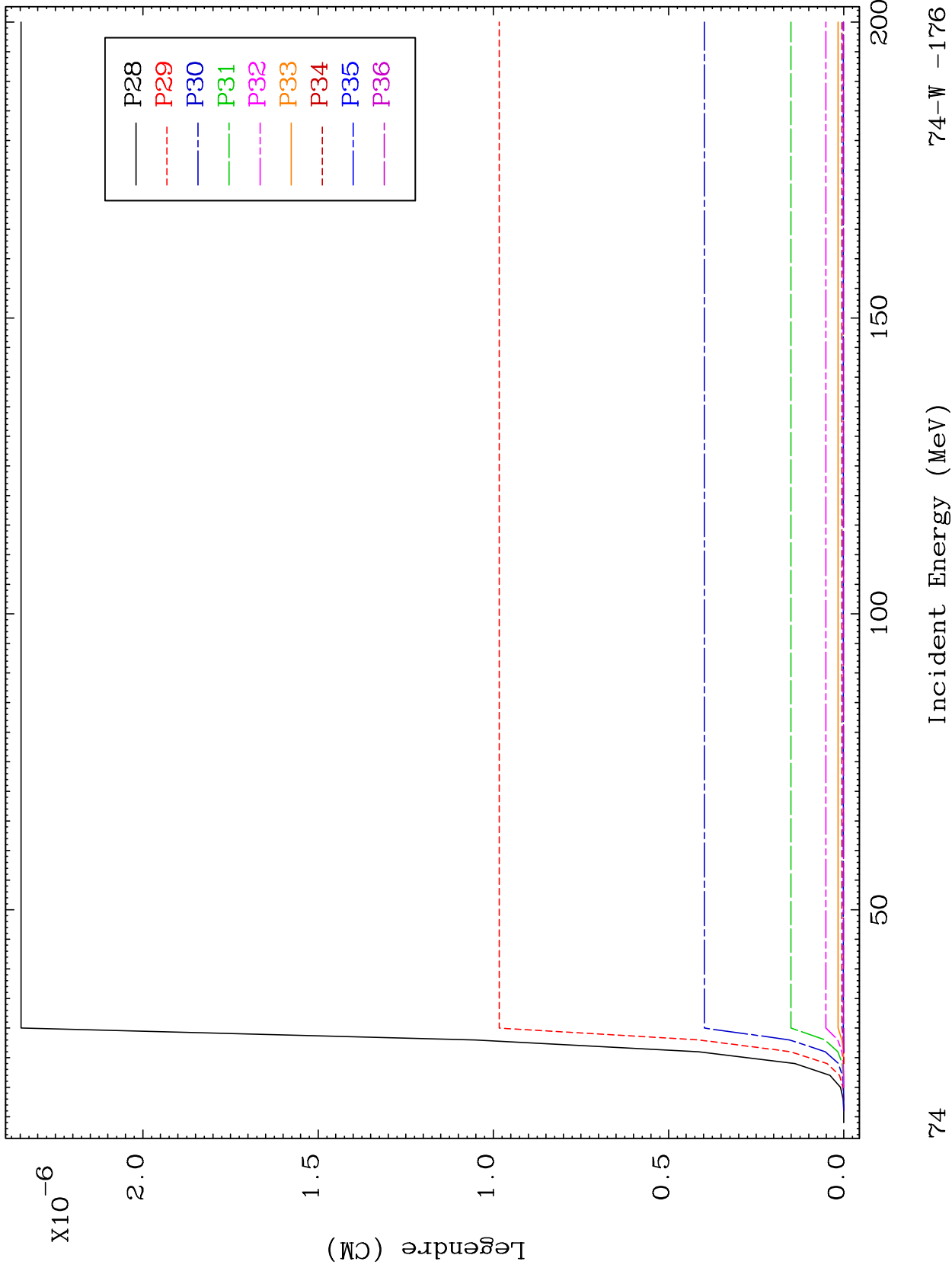
74-W -176



MAT 7413

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

74-W -176



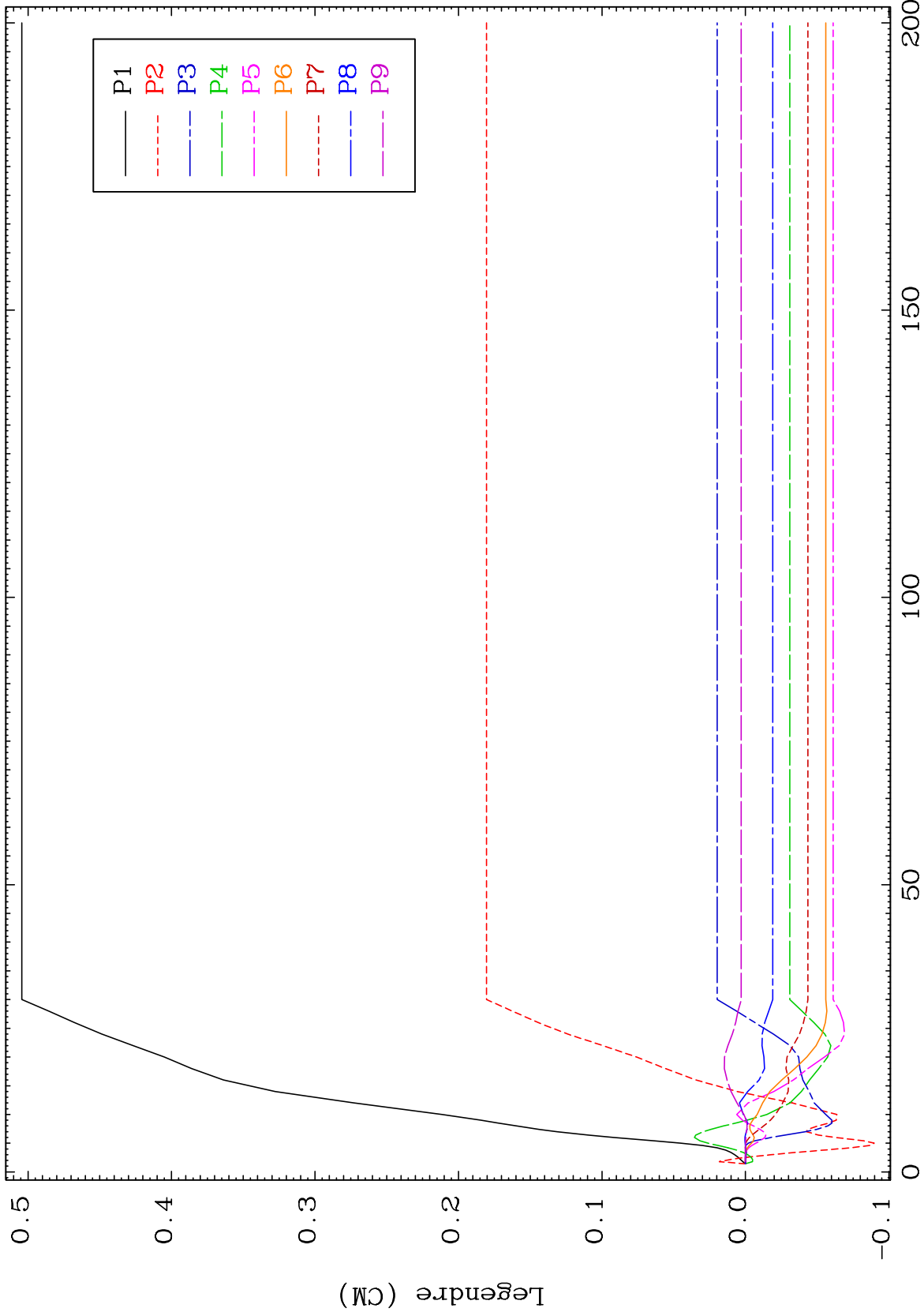
74

74-W -176

MAT 7413

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

74-W -176



74-W -176

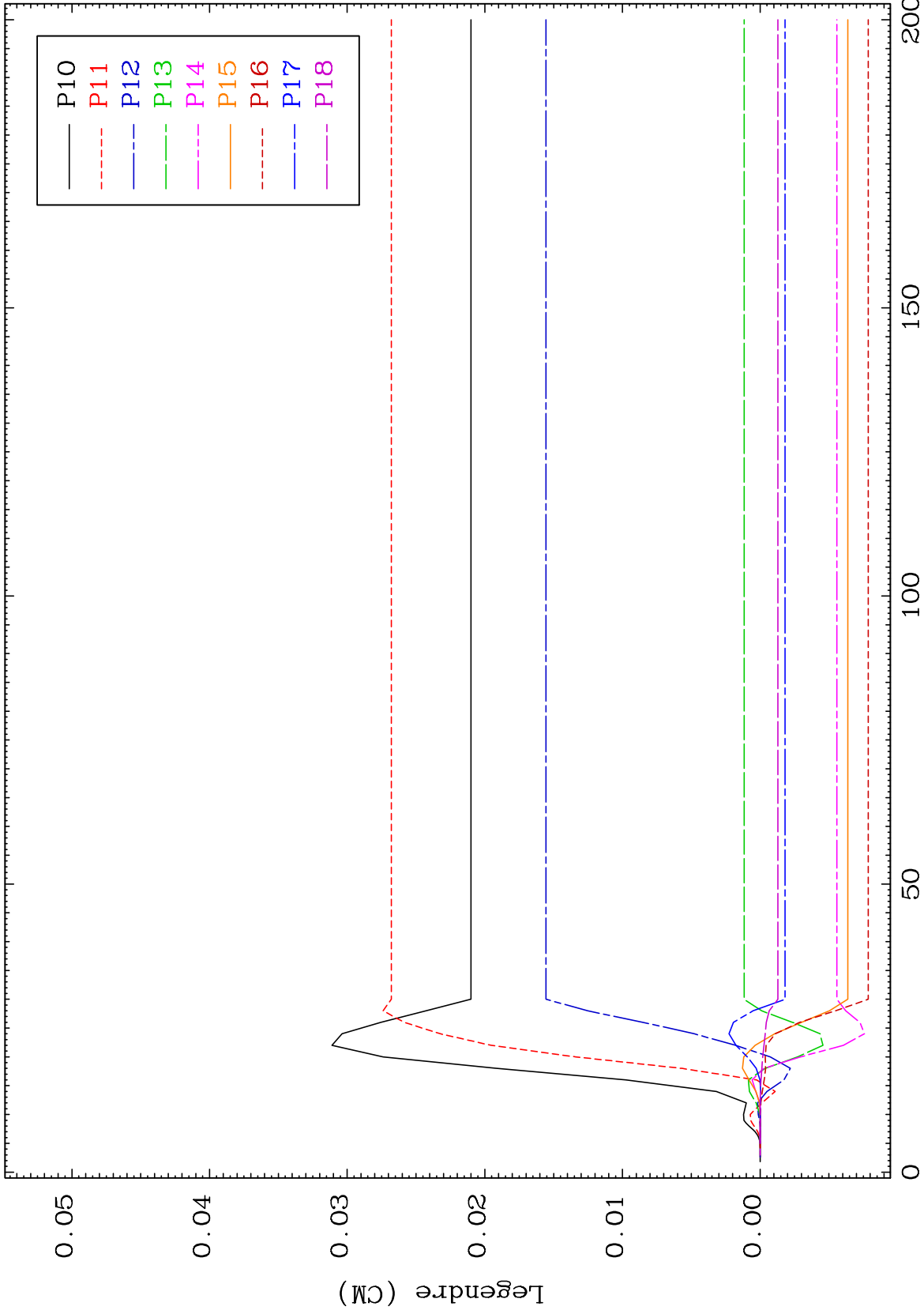
Incident Energy (MeV)

75

MAT 7413

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

74-W -176



76

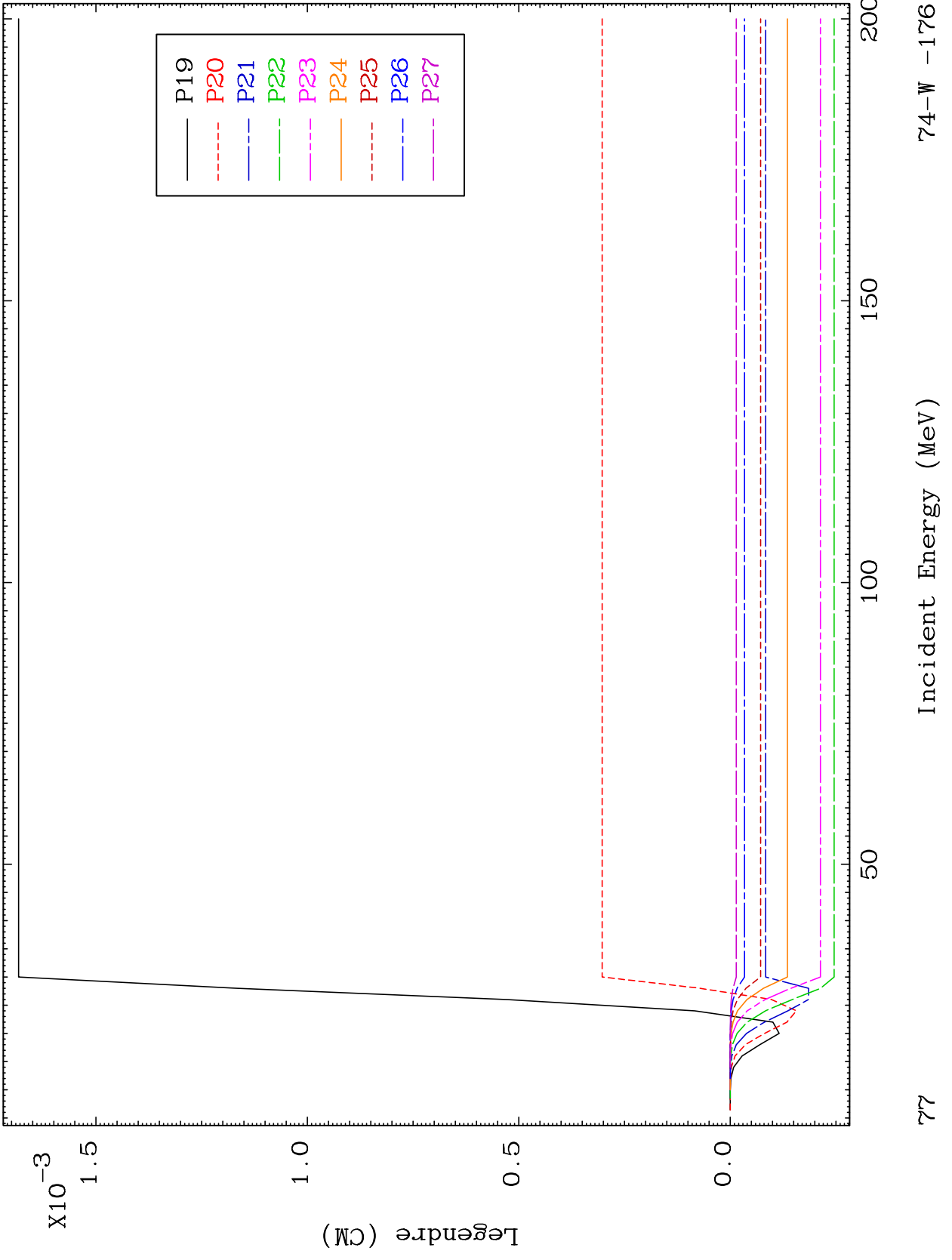
Incident Energy (MeV)

74-W -176

MAT 7413

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

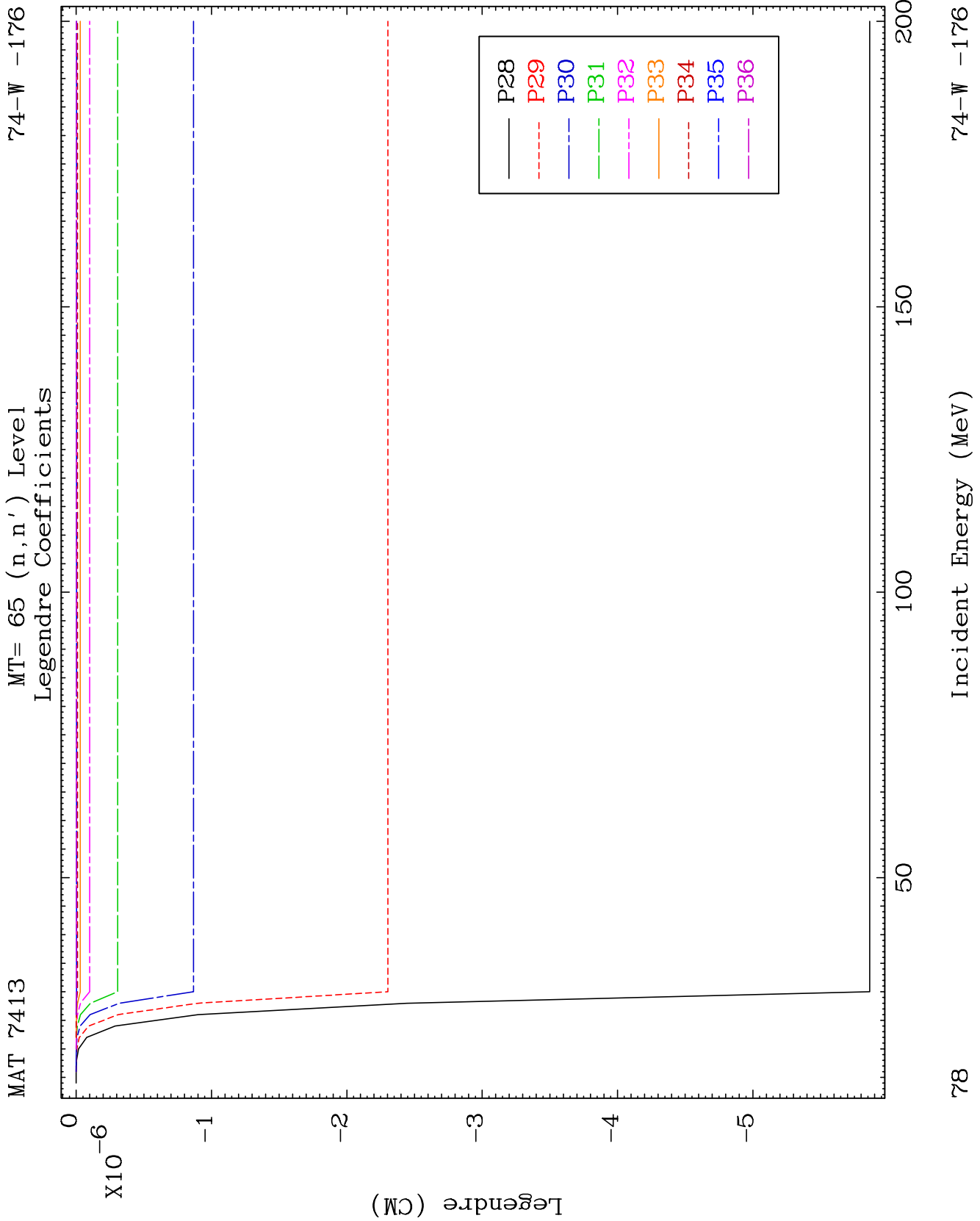
74-W -176



77

Incident Energy (MeV)

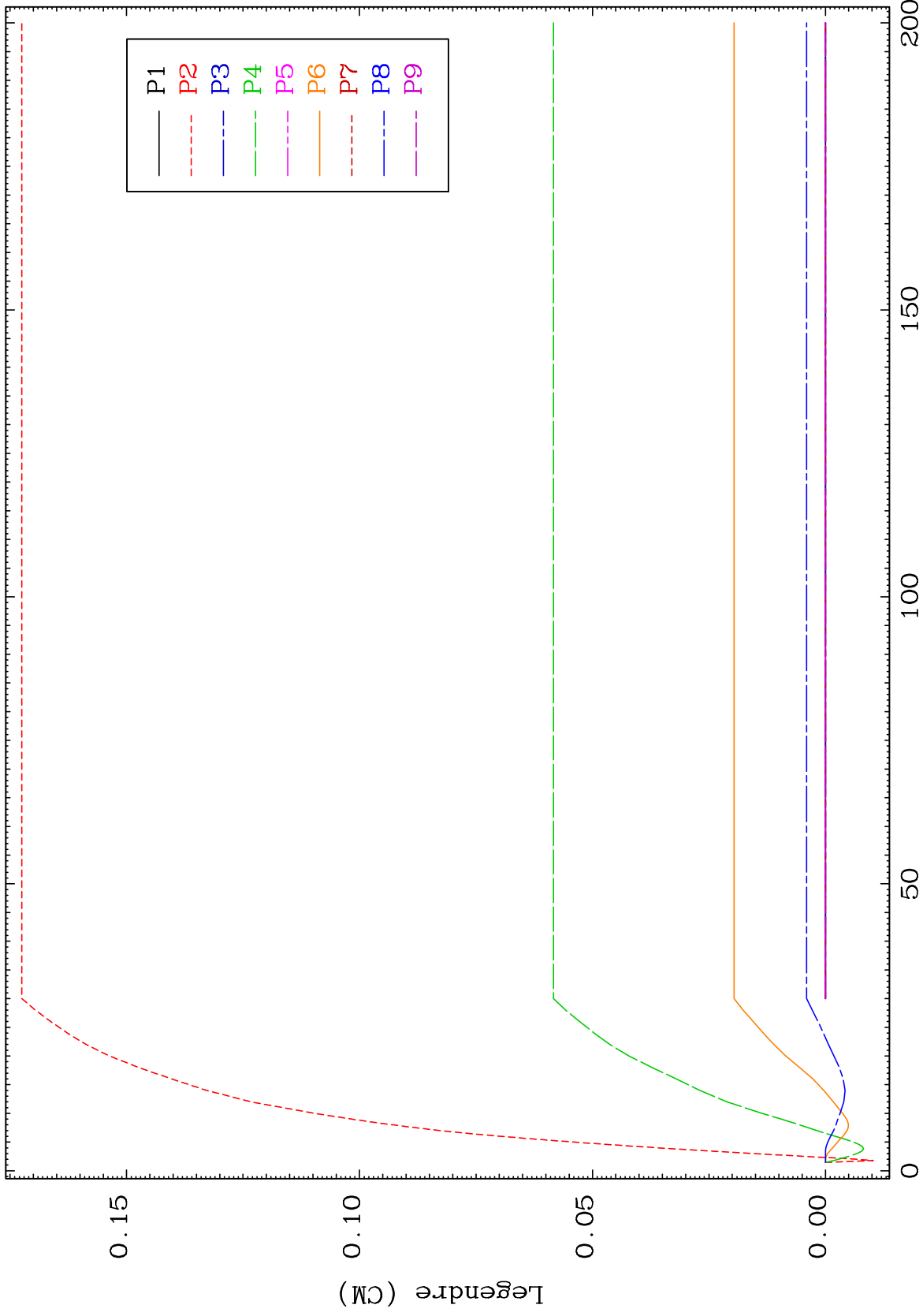
74-W -176



MAT 7413

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

74-W -176



79

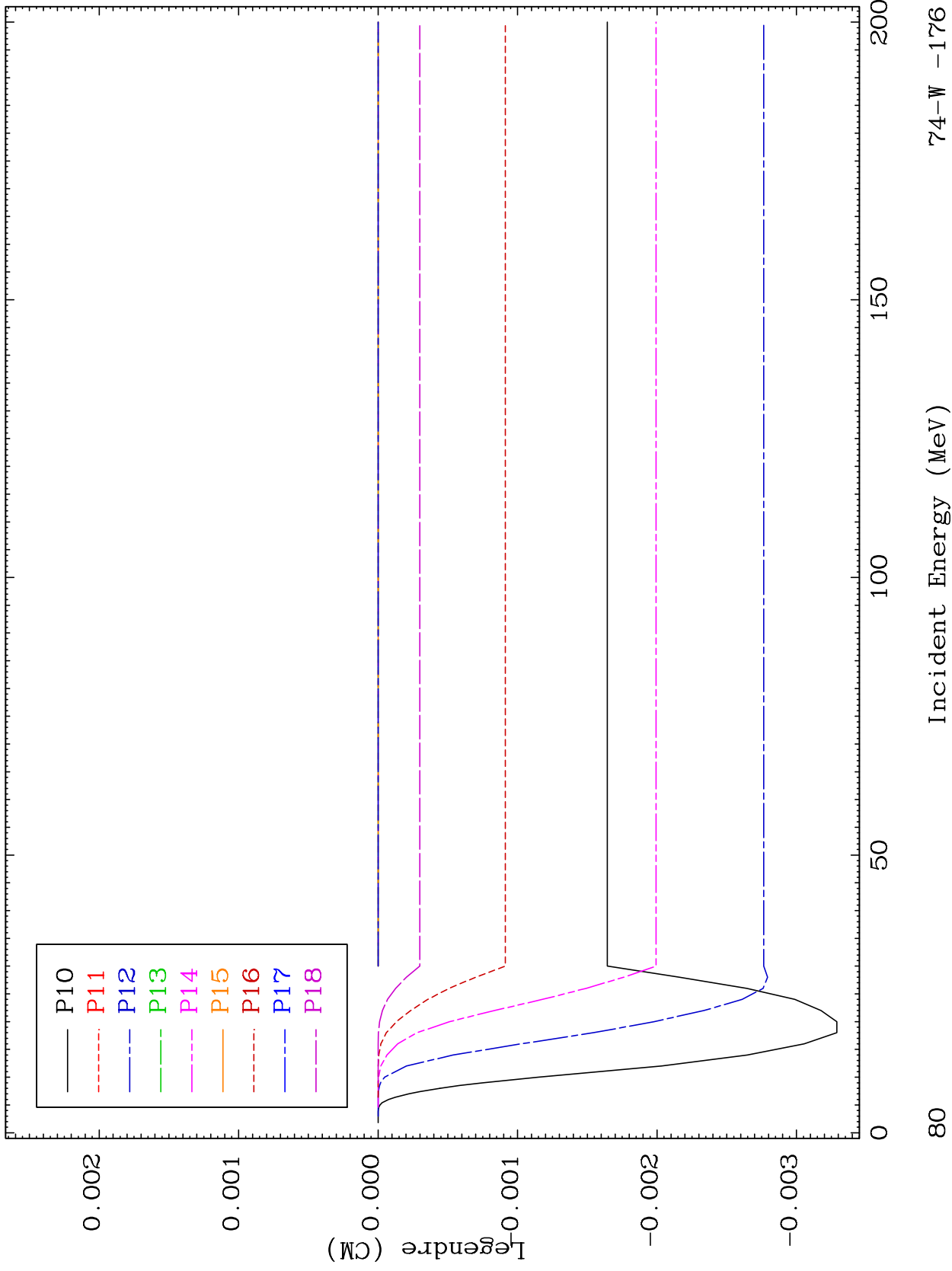
Incident Energy (MeV)

74-W -176

MAT 7413

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

74-W -176



74-W -176

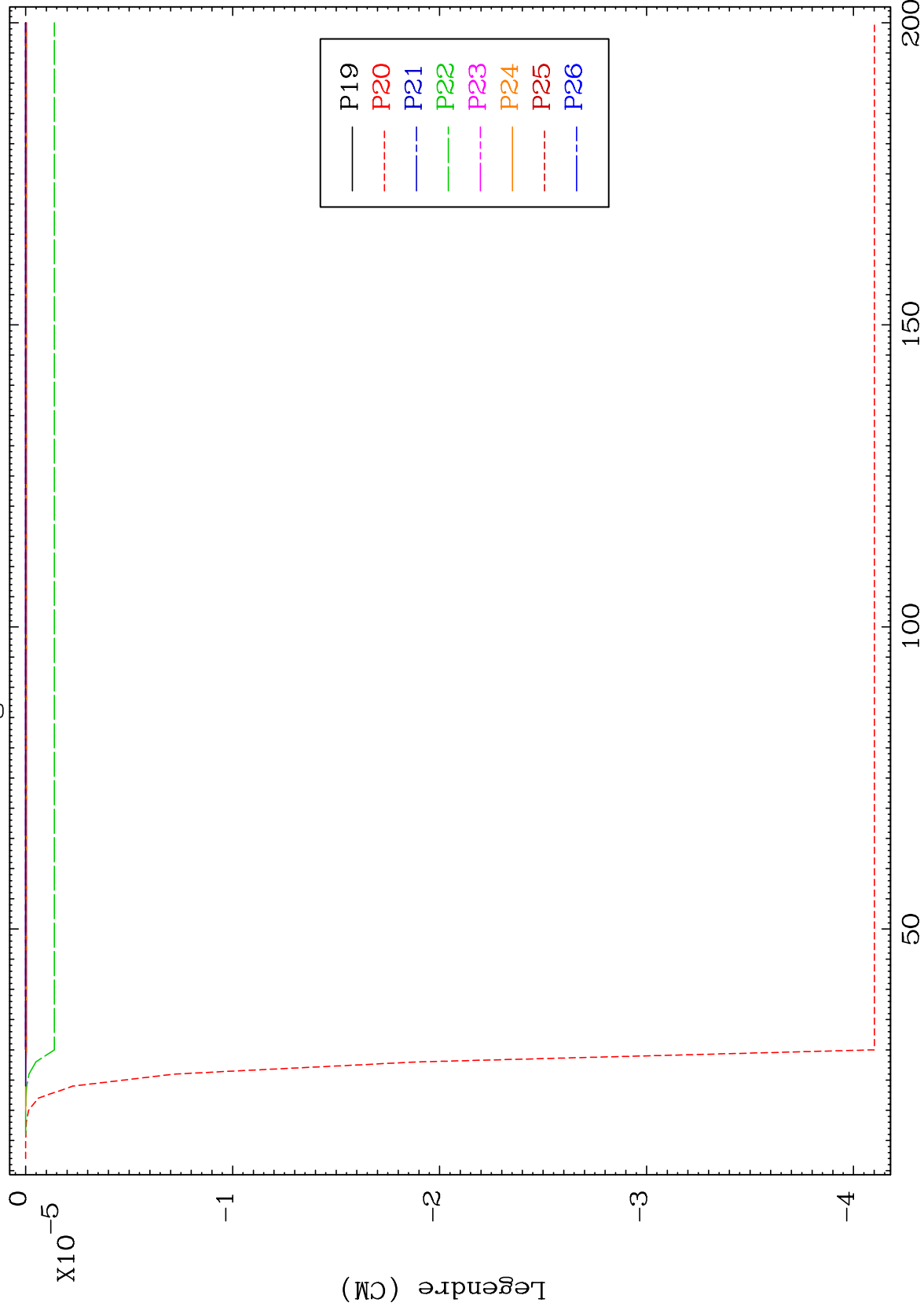
Incident Energy (MeV)

80

MAT 7413

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

74-W -176



81

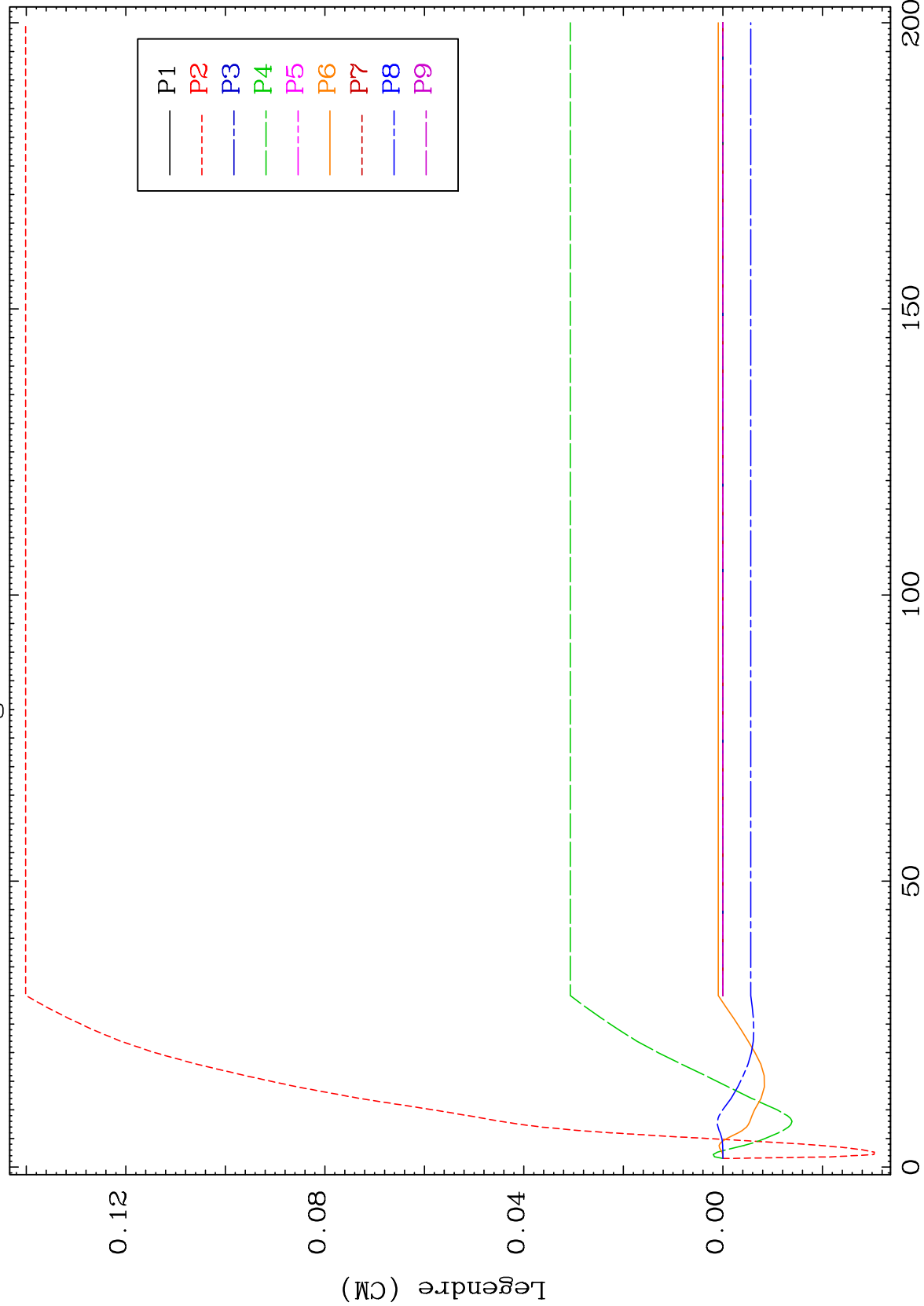
Incident Energy (MeV)

74-W -176

MAT 7413

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

74-W -176



82

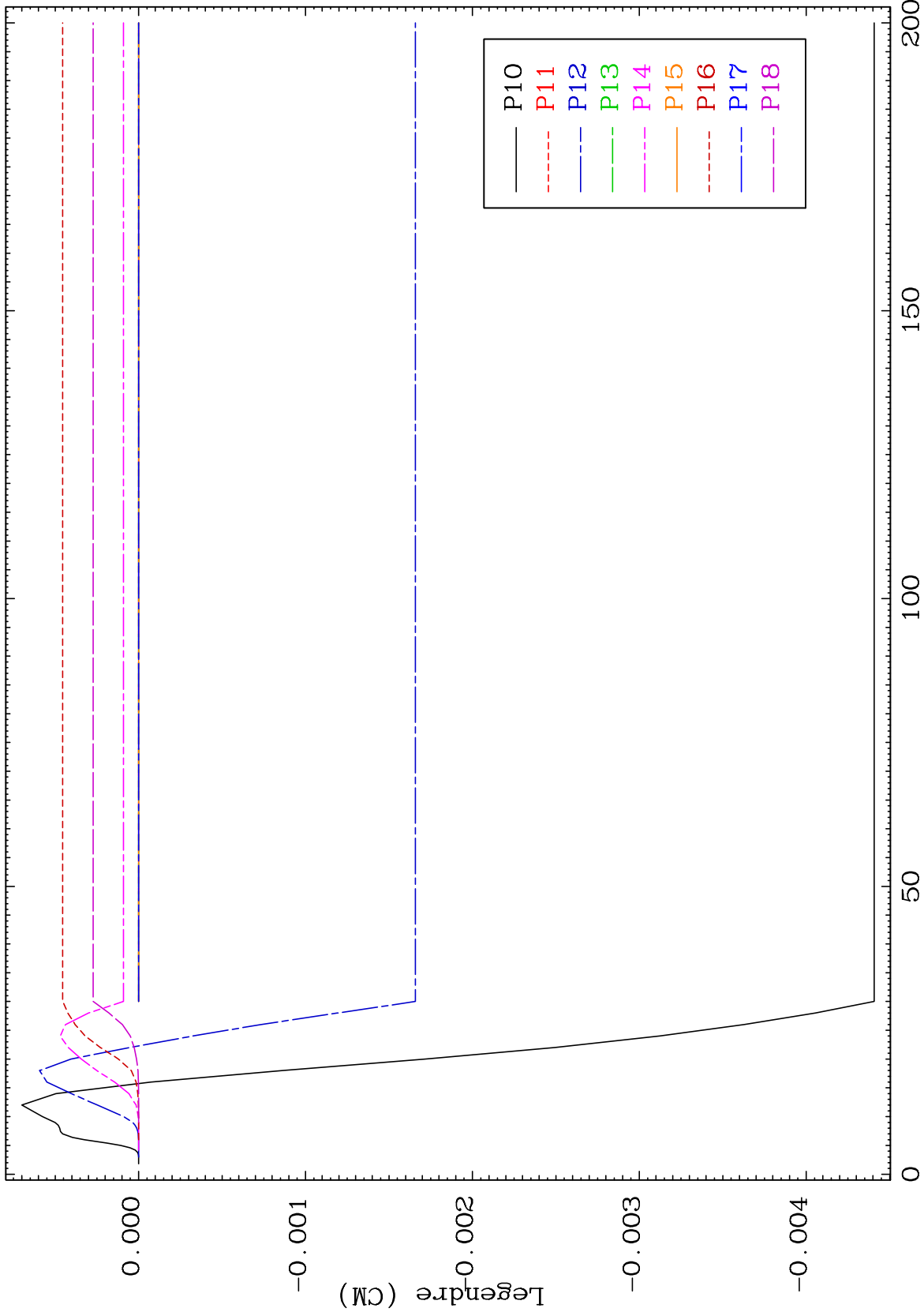
Incident Energy (MeV)

74-W -176

MAT 7413

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

74-W -176



83

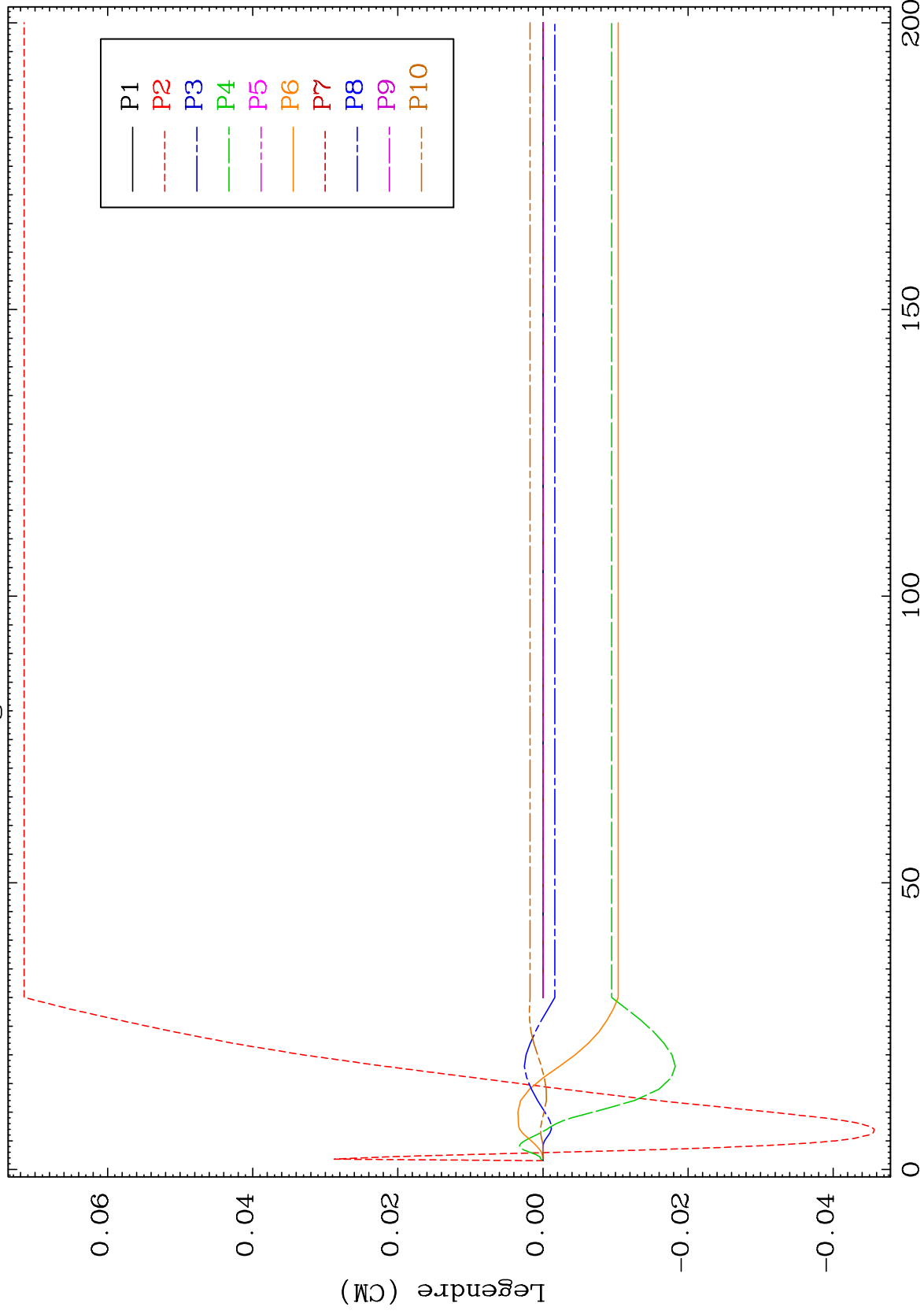
Incident Energy (MeV)

74-W -176

MAT 7413

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

74-W -176



Incident Energy (MeV)

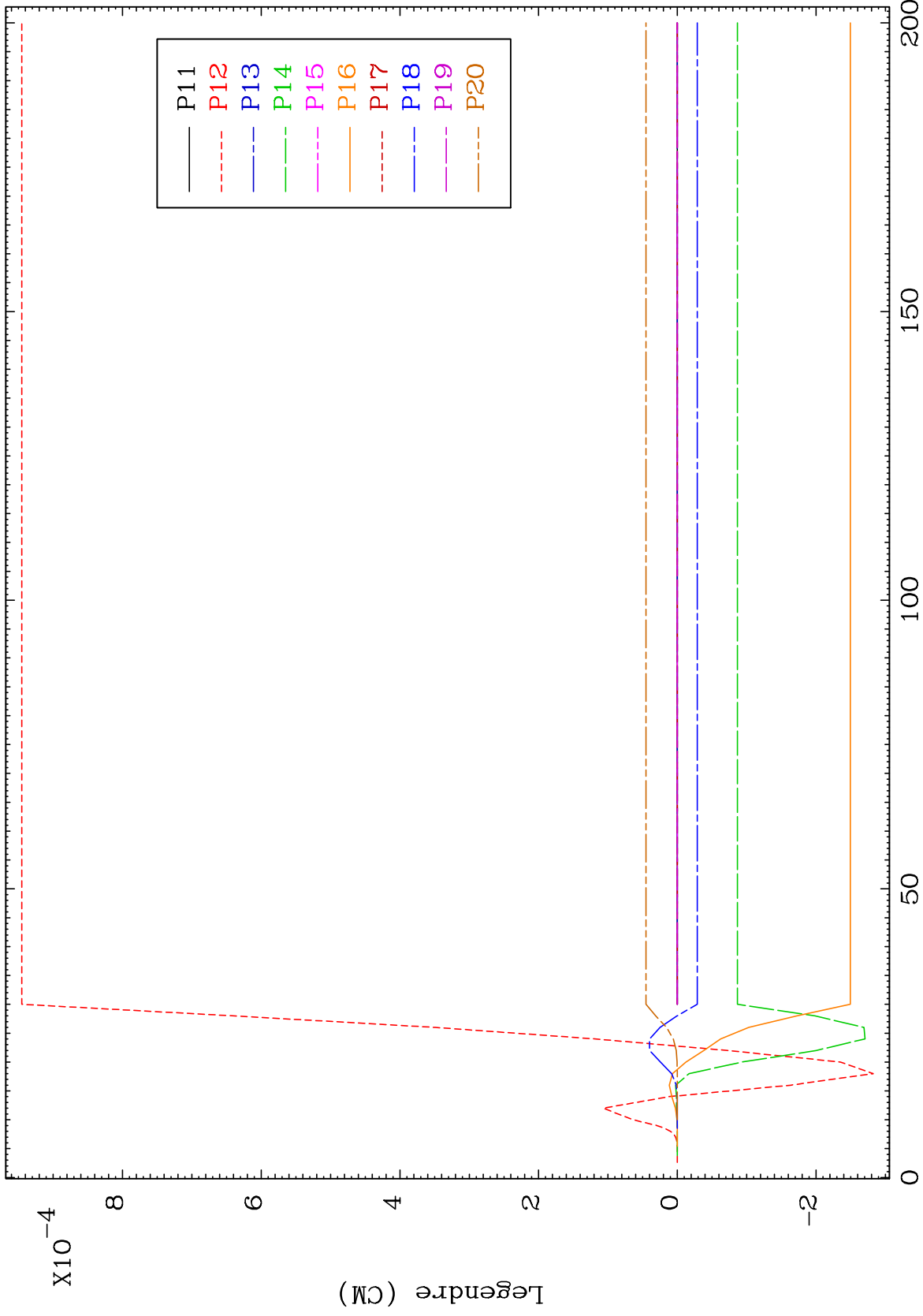
74-W -176

85

MAT 7413

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

74-W -176



86

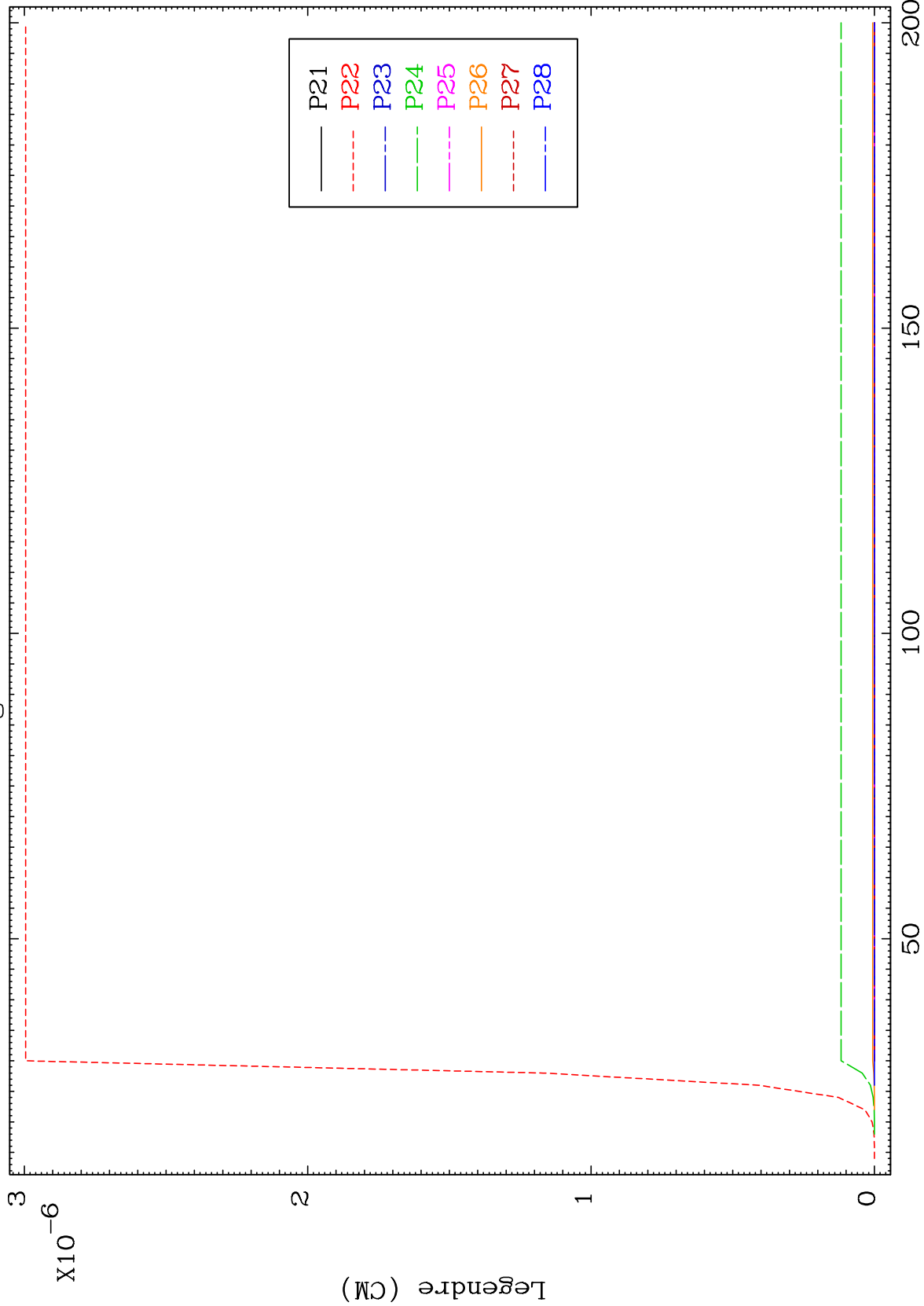
Incident Energy (MeV)

74-W -176

MAT 7413

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

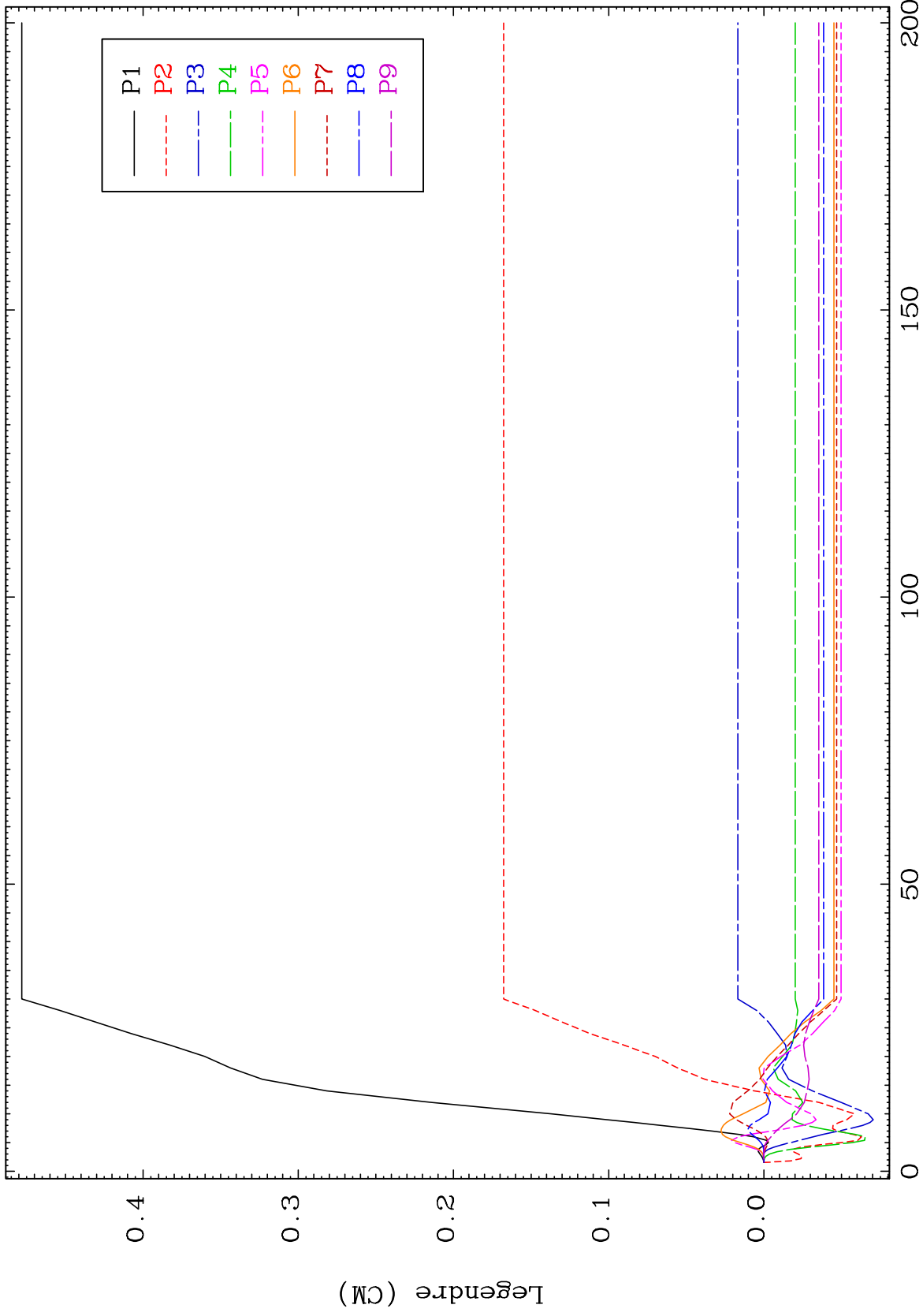
74-W -176



87

Incident Energy (MeV)

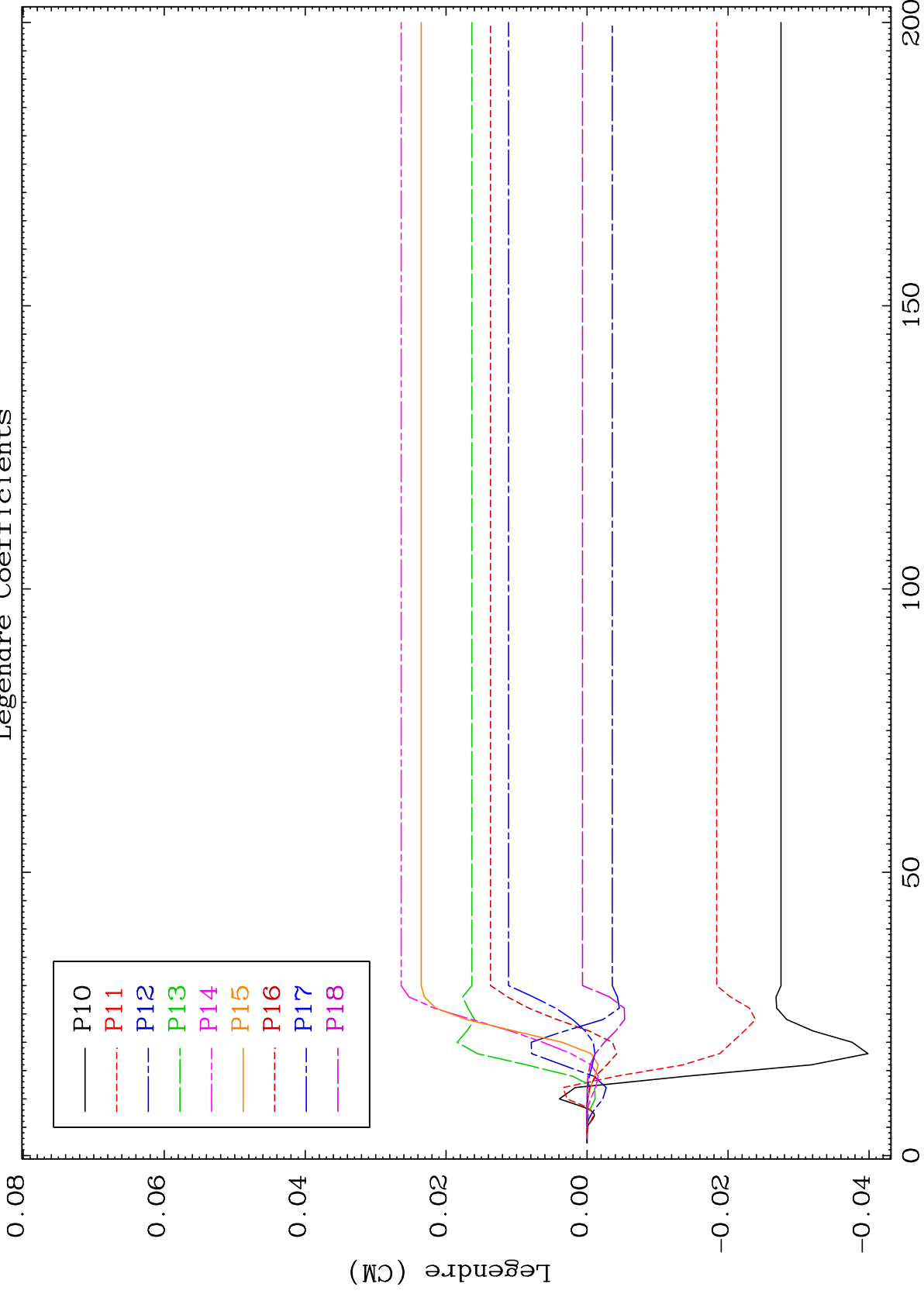
74-W -176



MAT 7413

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

74-W -176



89

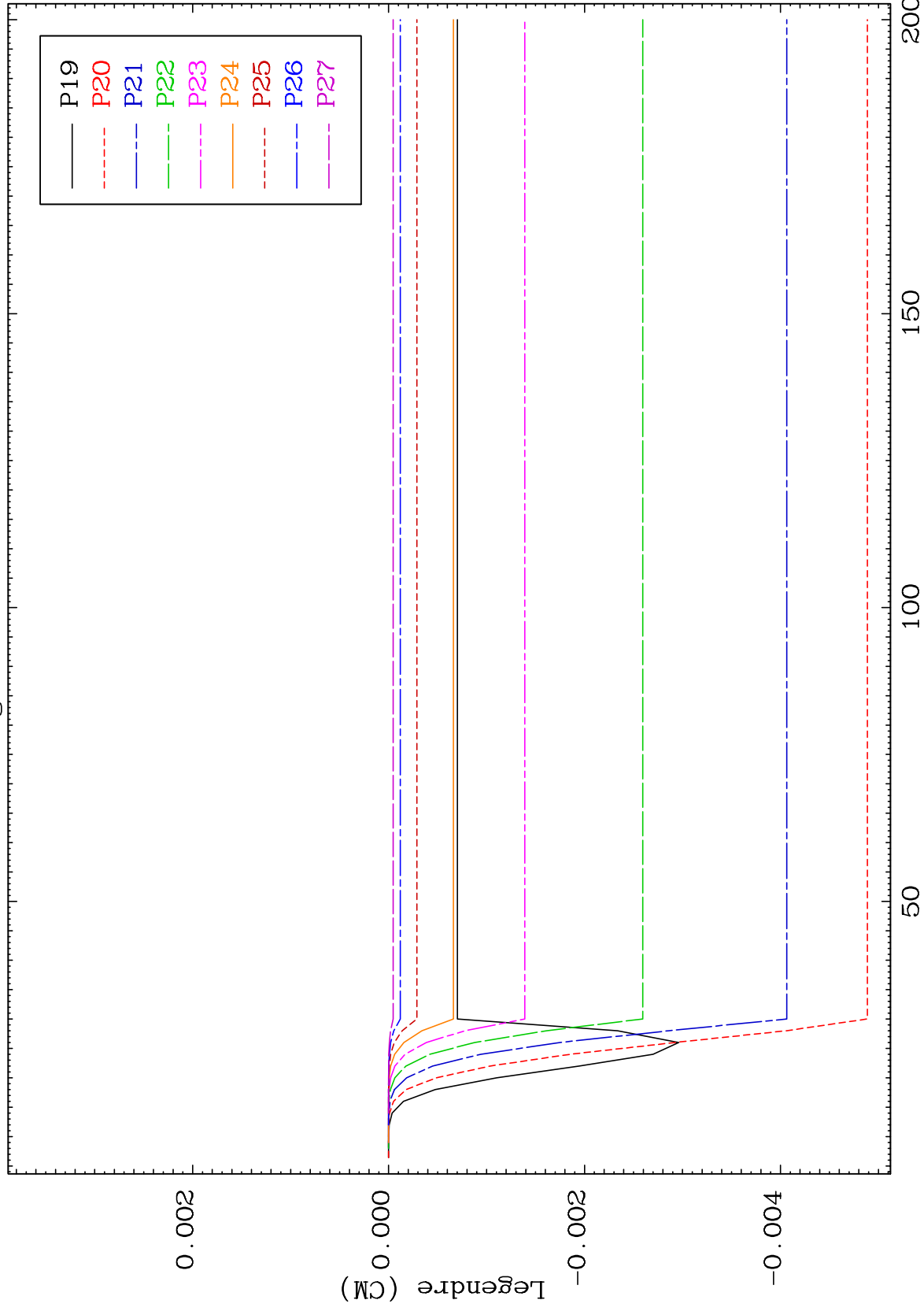
Incident Energy (MeV)

74-W -176

MAT 7413

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

74-W -176



90

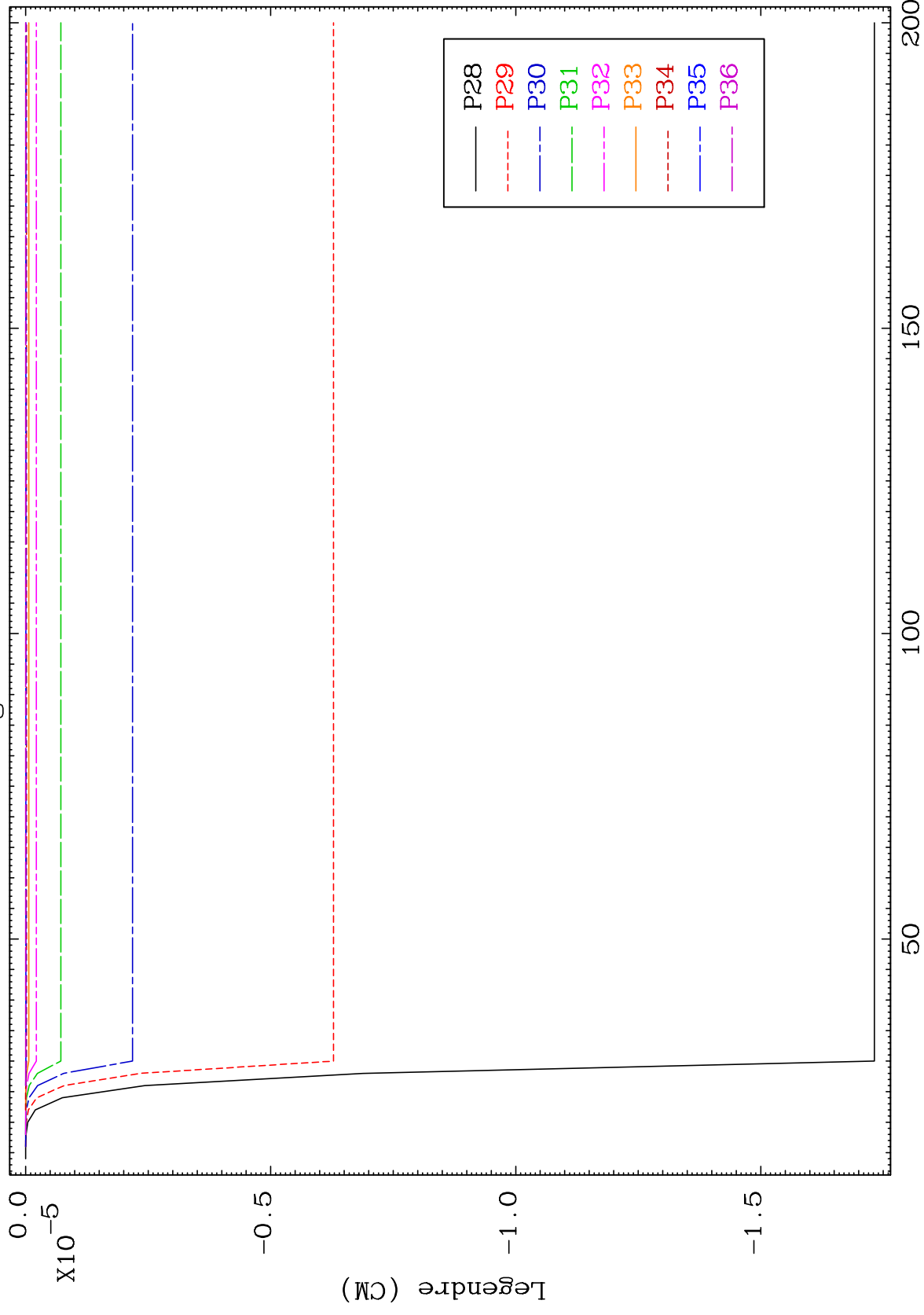
Incident Energy (MeV)

74-W -176

MAT 7413

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

74-W -176



91

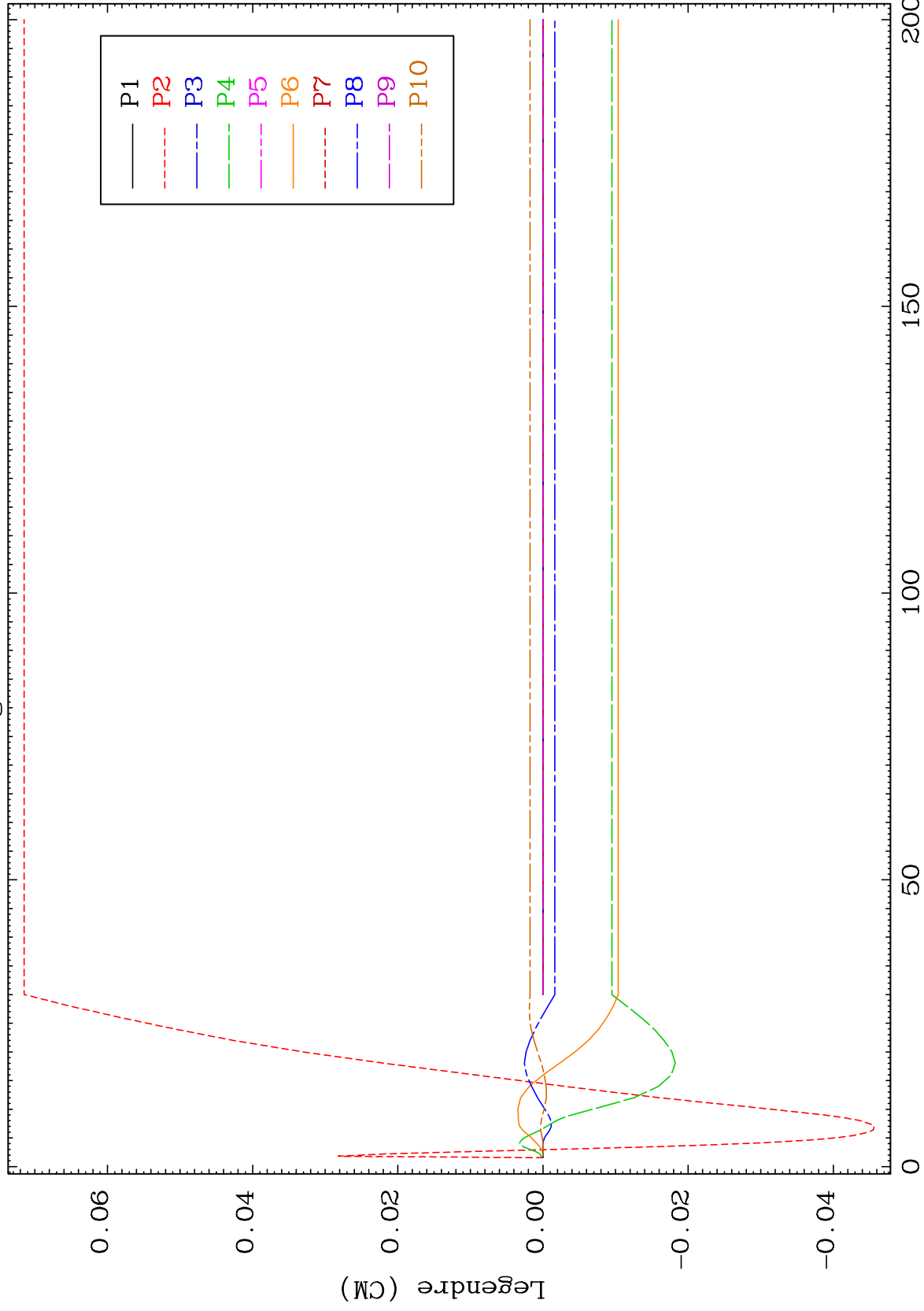
Incident Energy (MeV)

74-W -176

MAT 7413

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

74-W -176



92

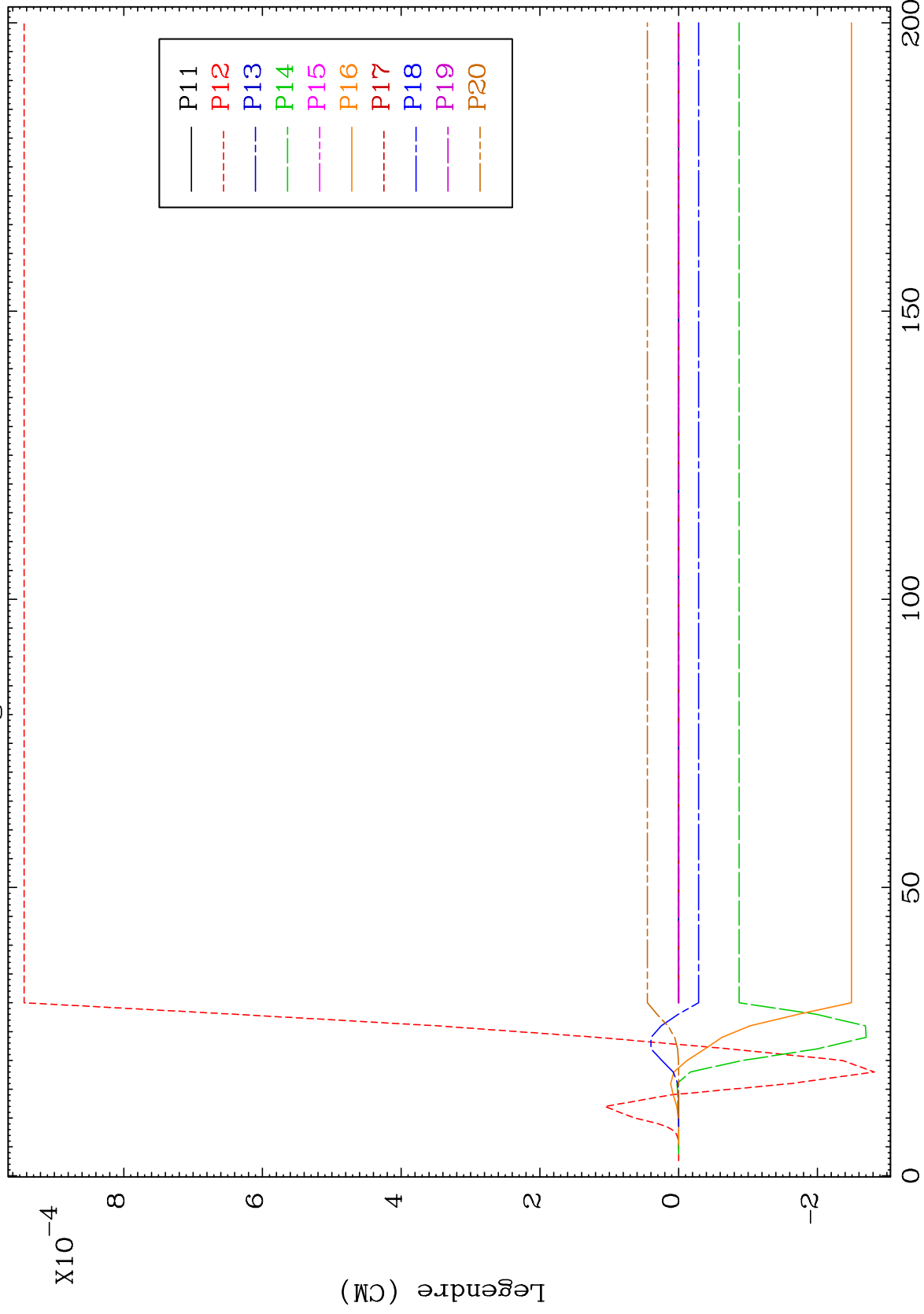
Incident Energy (MeV)

74-W -176

MAT 7413

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

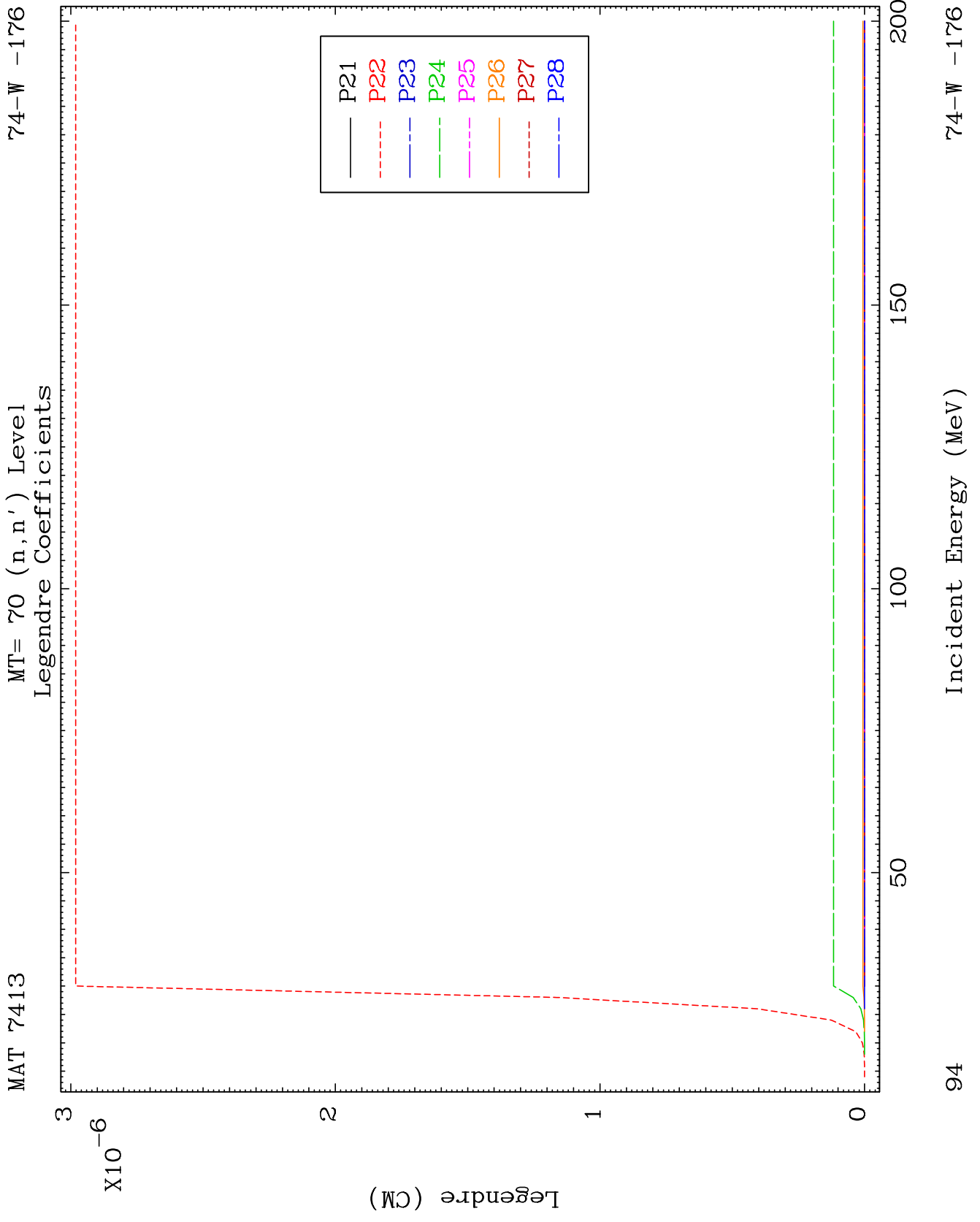
74-W -176



93

Incident Energy (MeV)

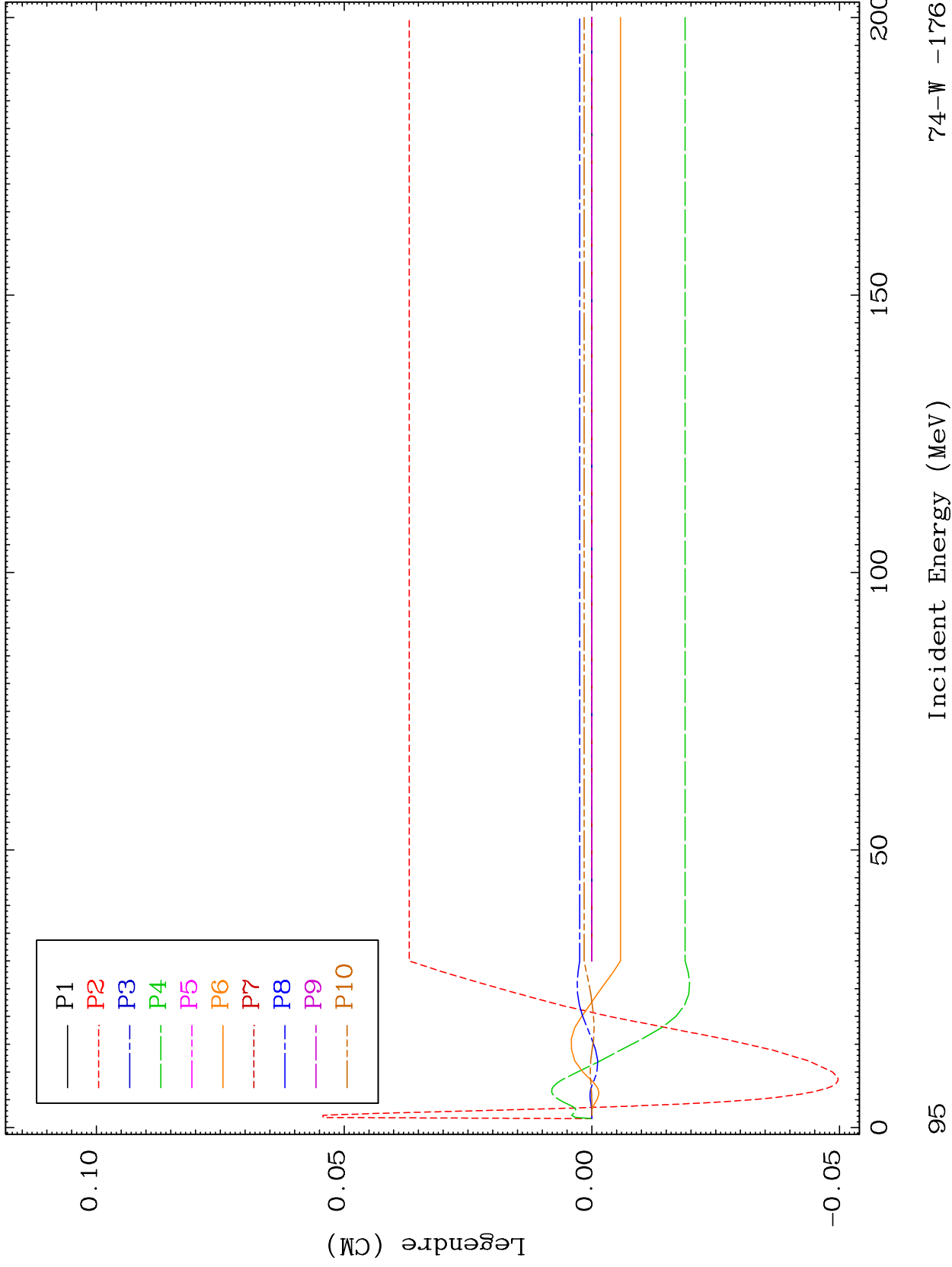
74-W -176

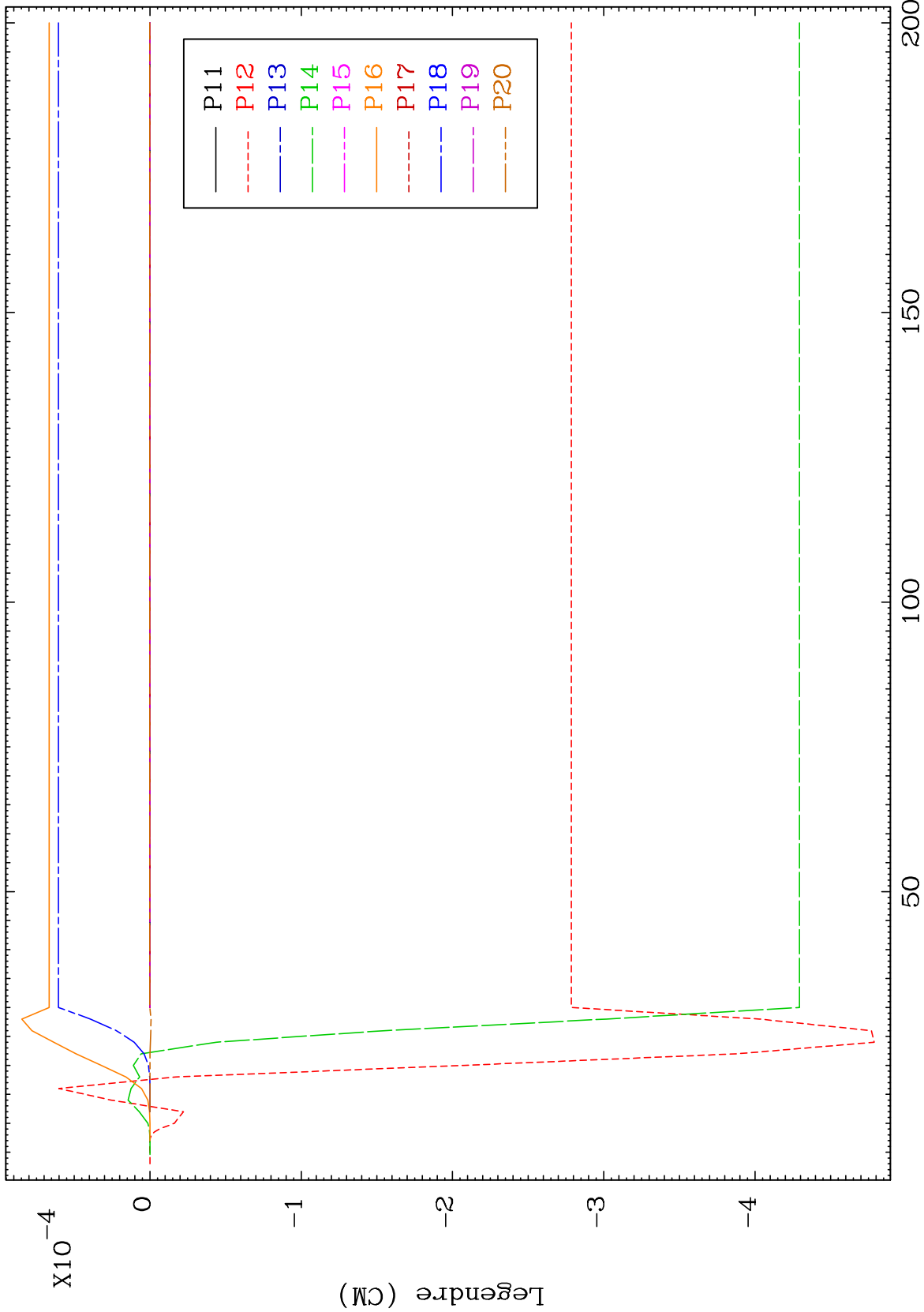


MAT 7413

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

74-W -176

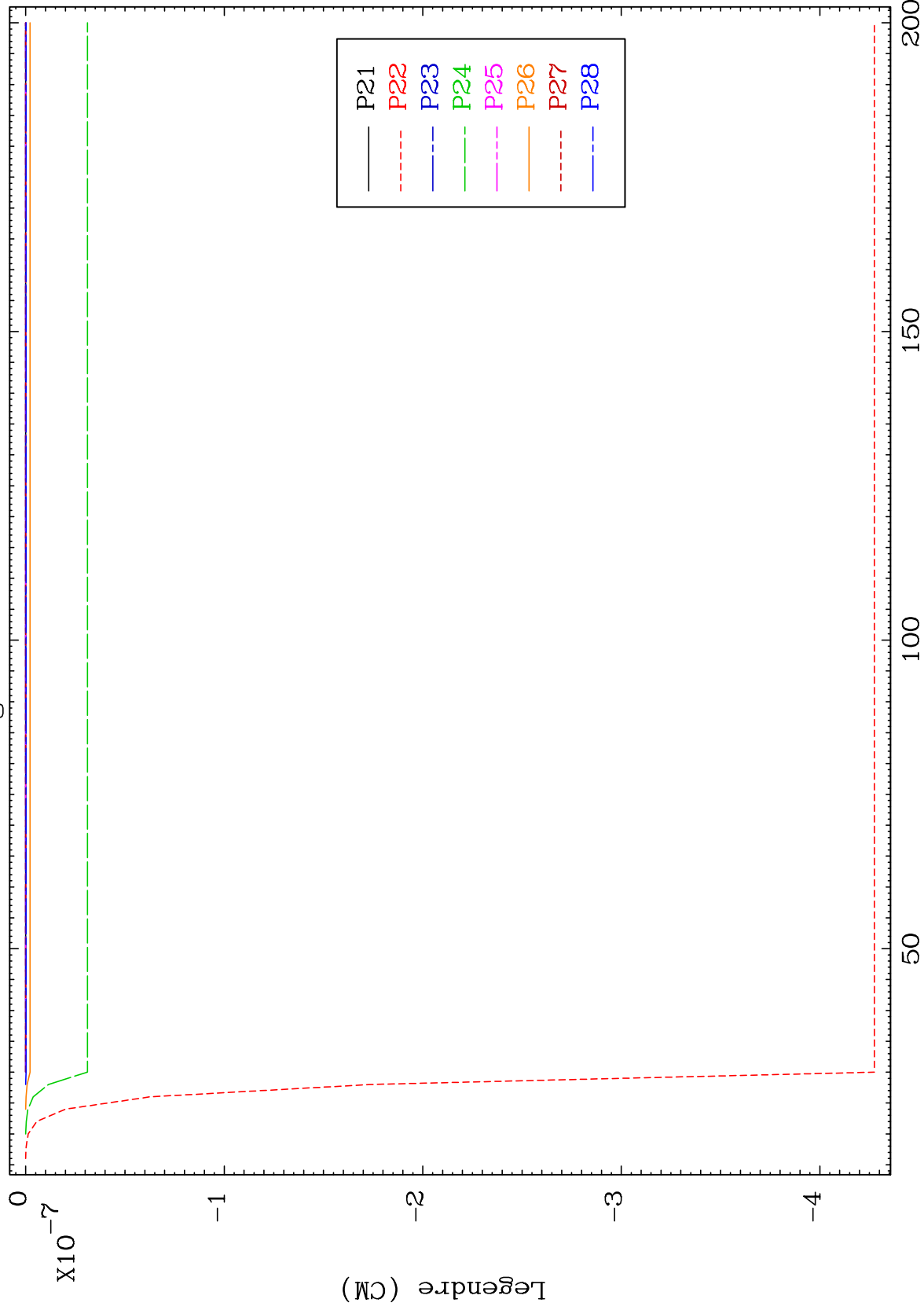




MAT 7413

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

74-W -176



97

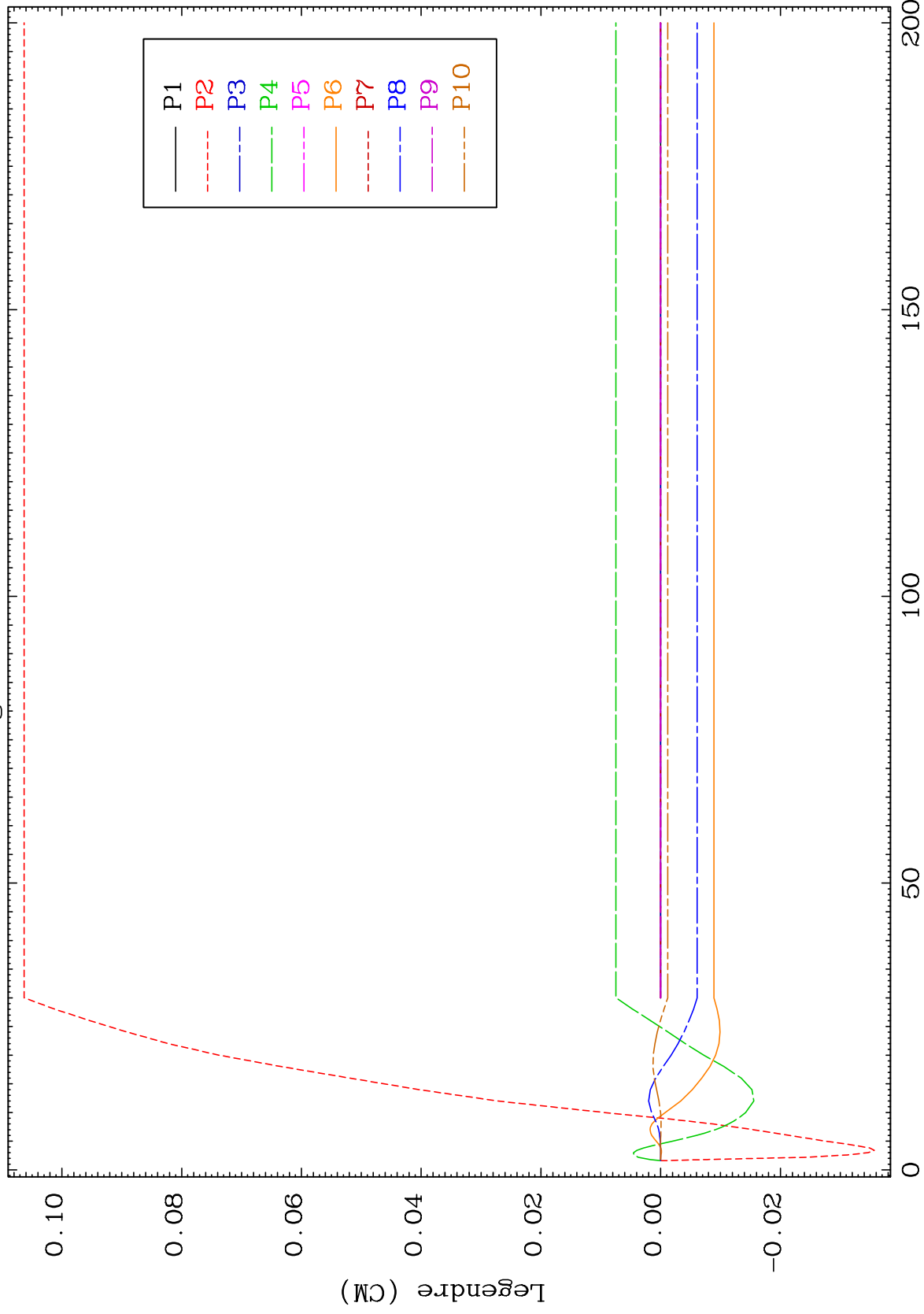
Incident Energy (MeV)

74-W -176

MAT 7413

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

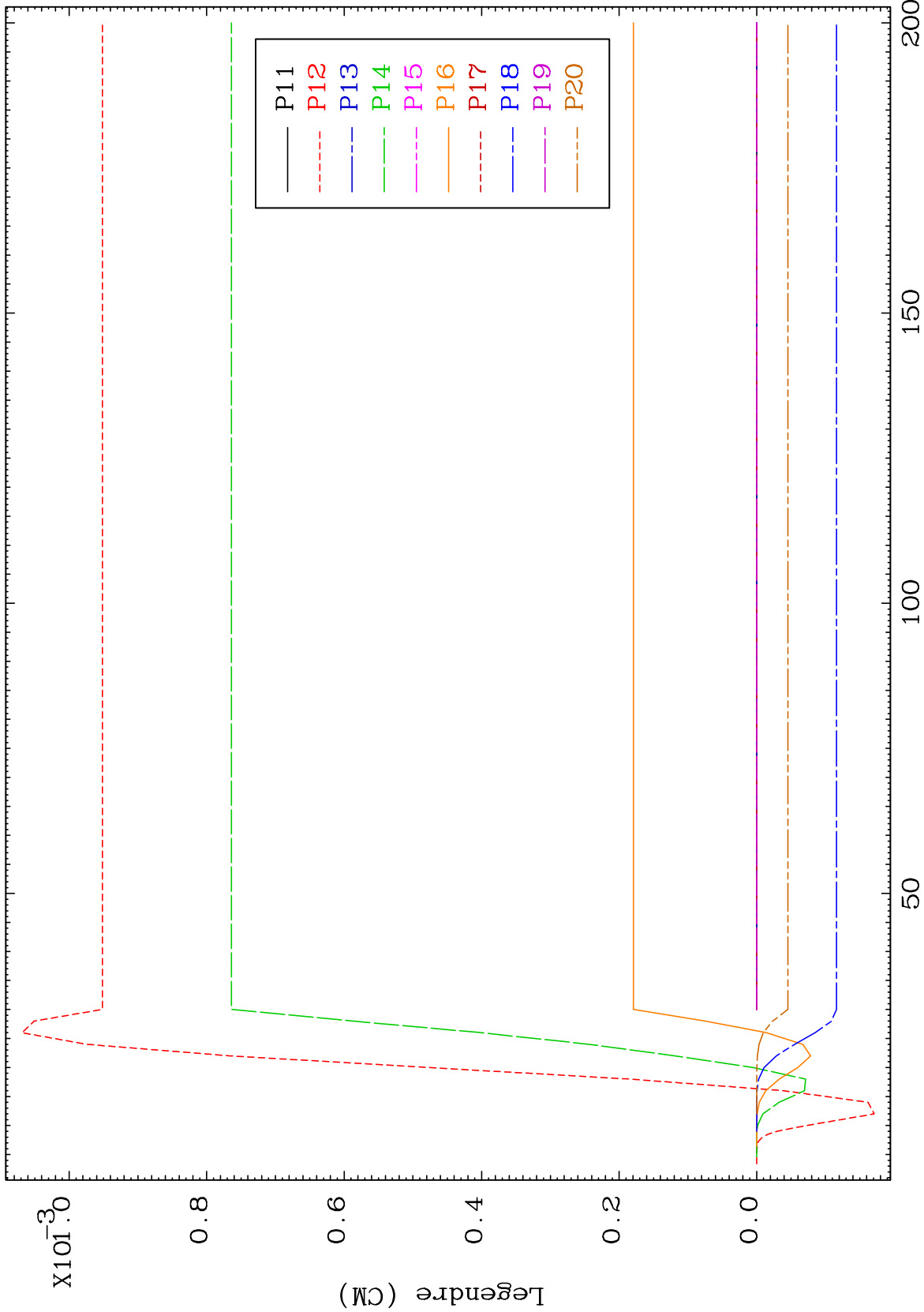
74-W -176

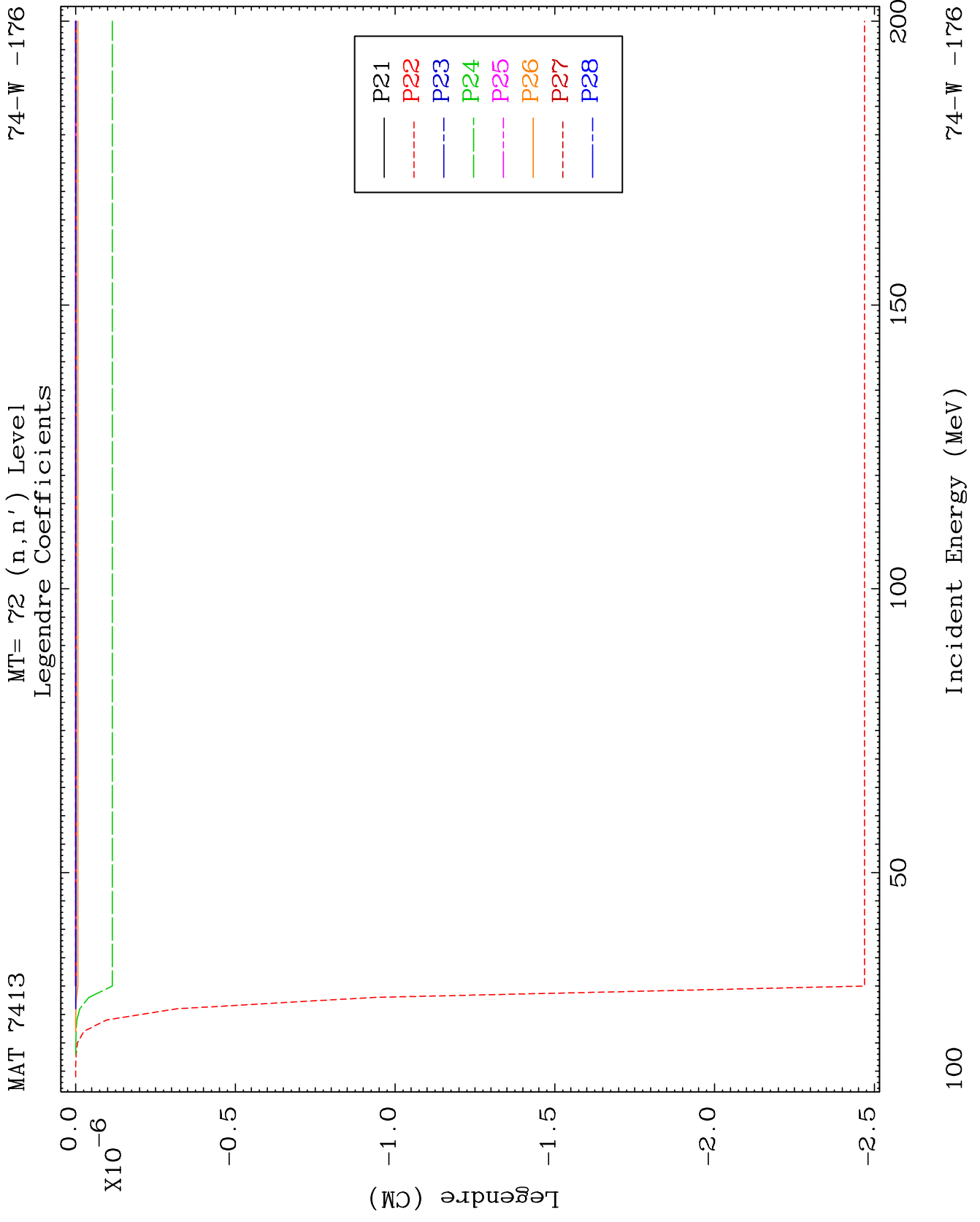


98

Incident Energy (MeV)

74-W -176

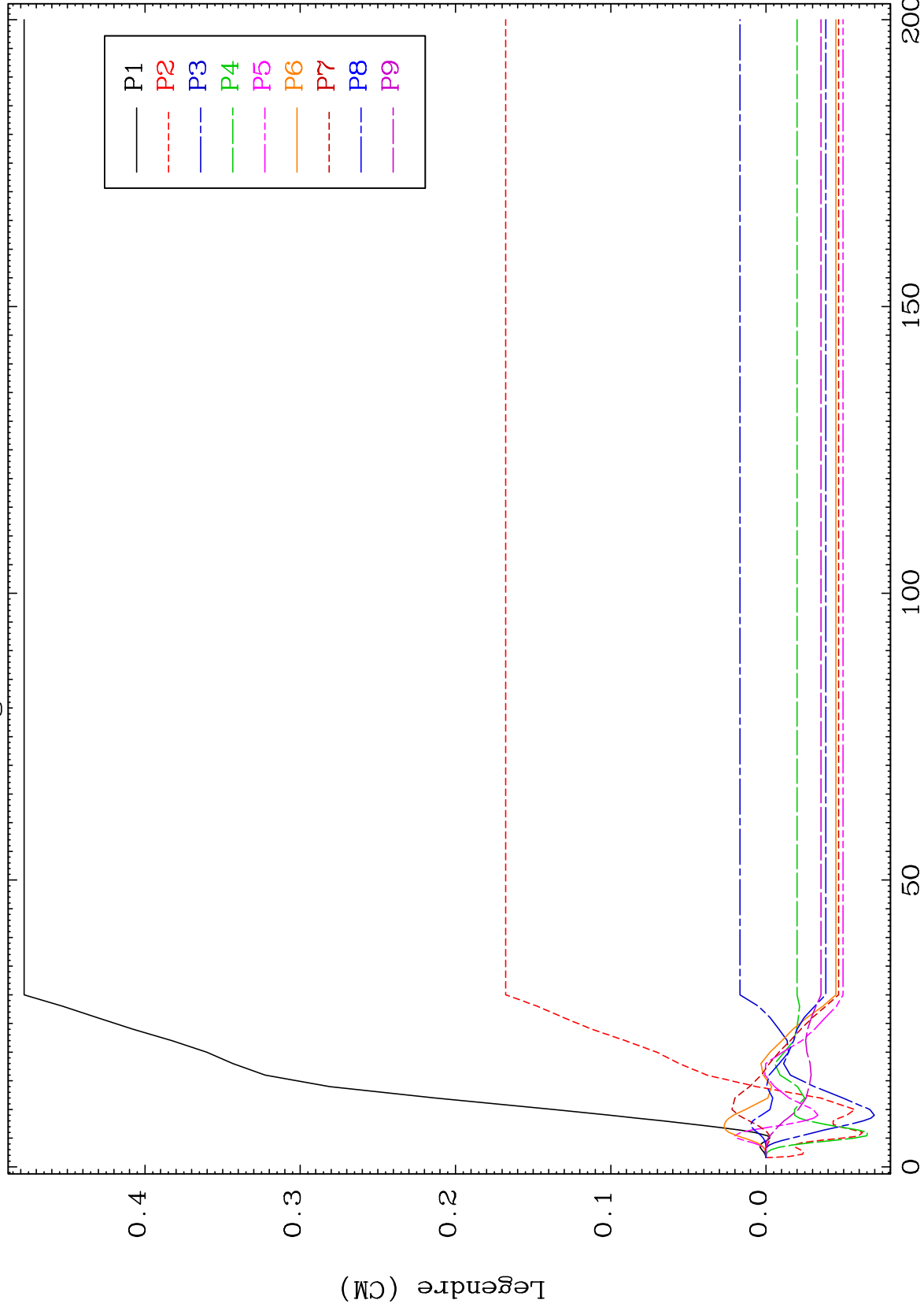




MAT 7413

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

74-W -176



101

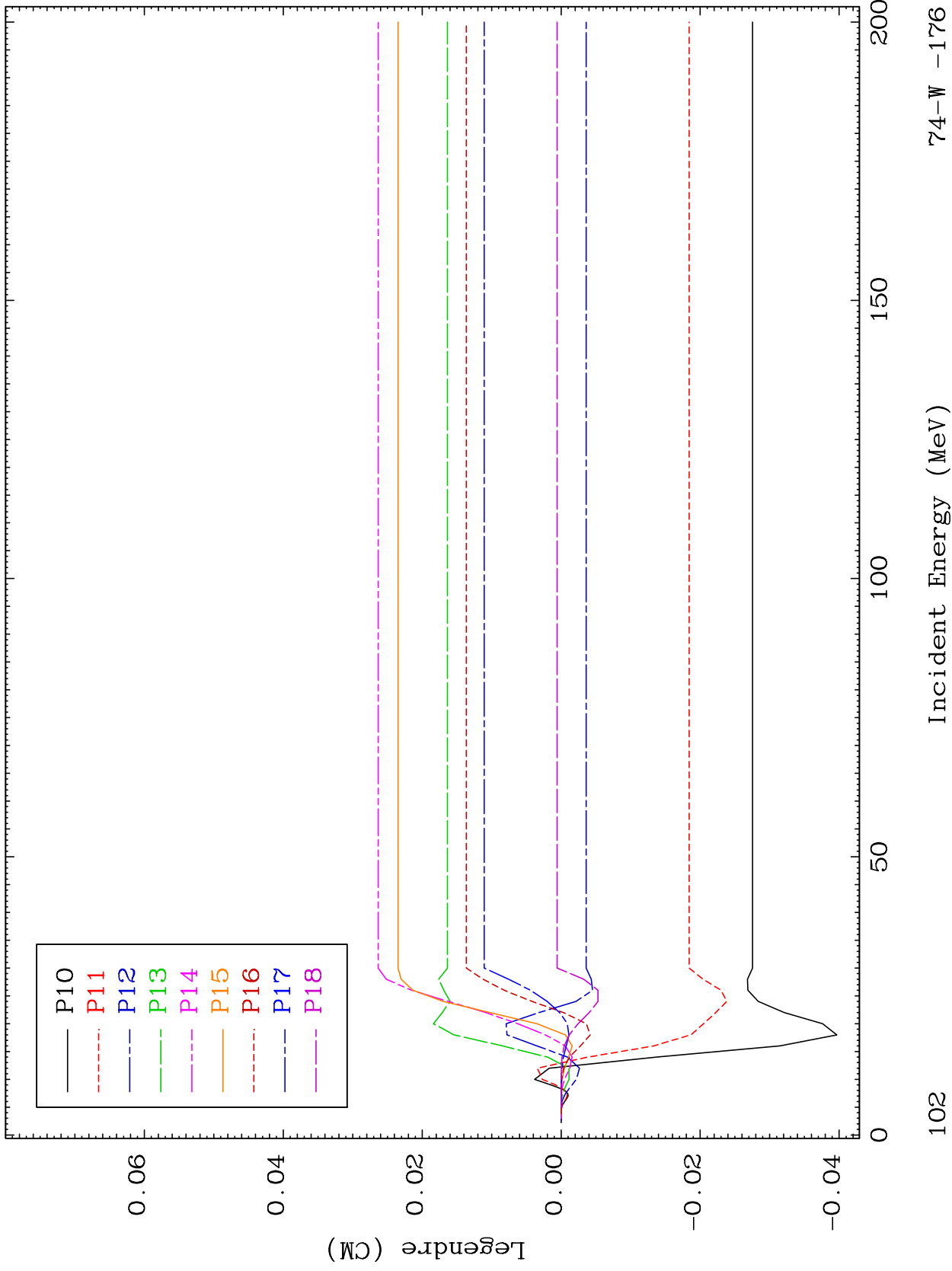
Incident Energy (MeV)

74-W -176

MAT 7413

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

74-W -176



74-W -176

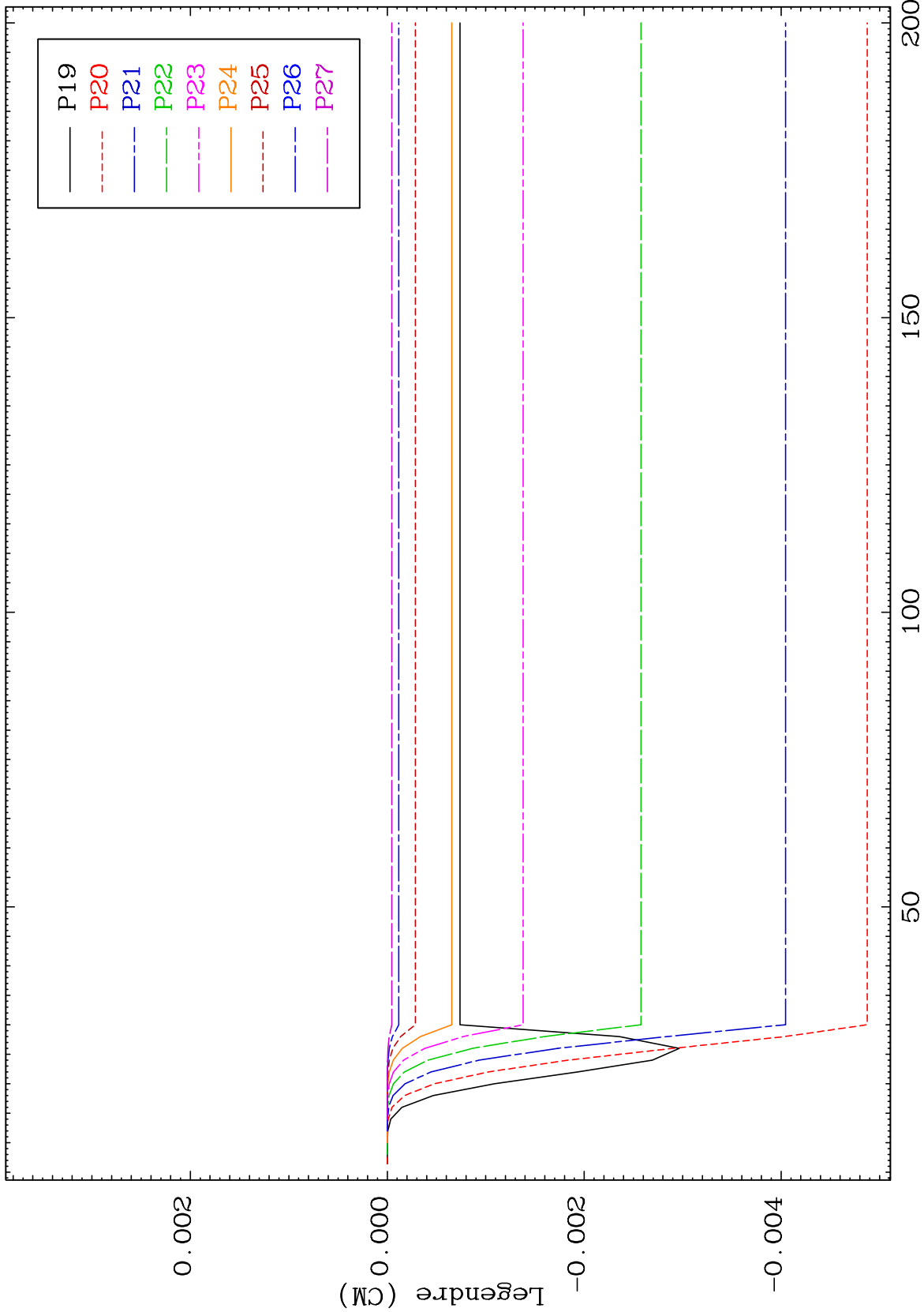
Incident Energy (MeV)

102

MAT 7413

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

74-W -176



103

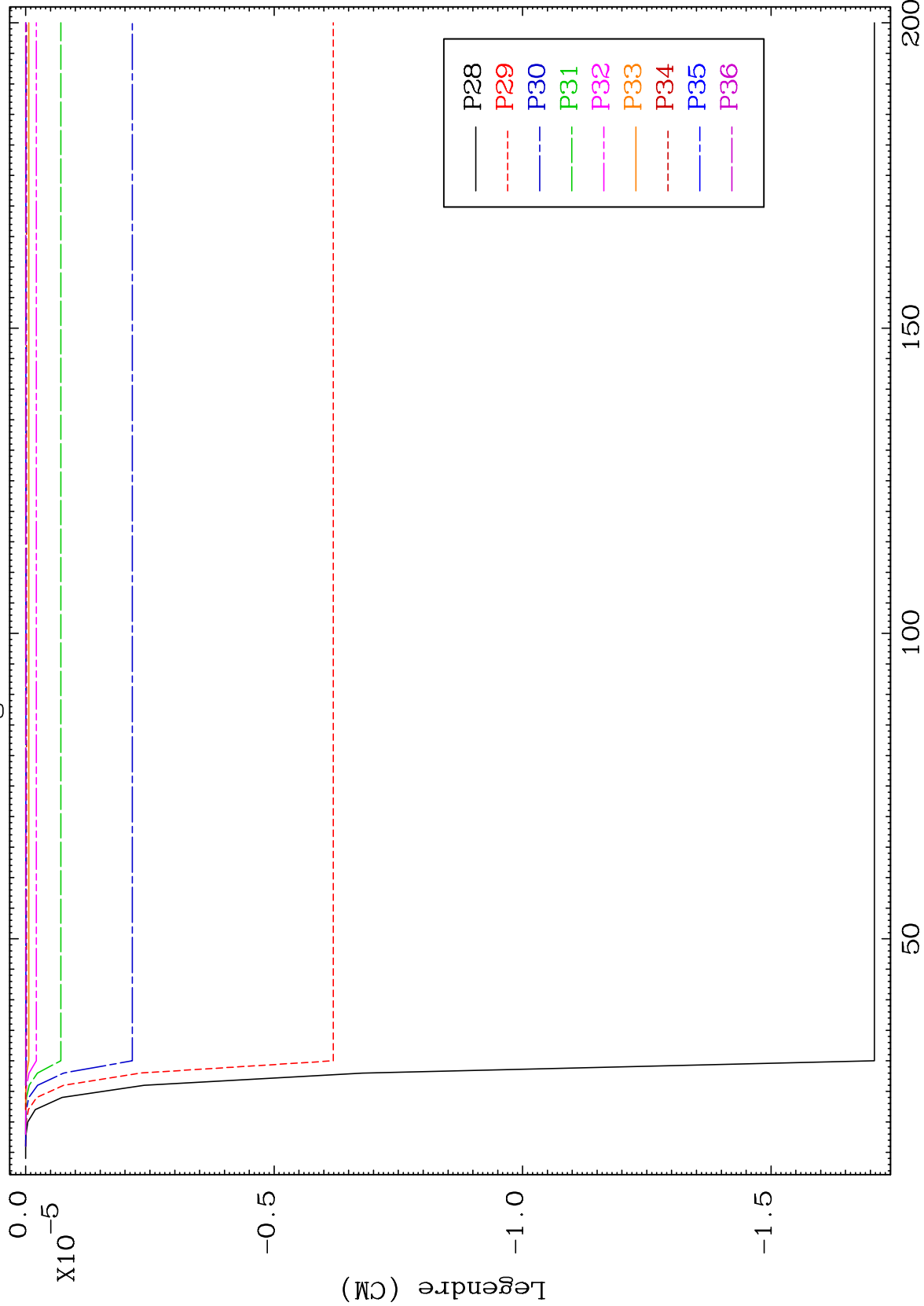
Incident Energy (MeV)

74-W -176

MAT 7413

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

74-W -176



74-W -176

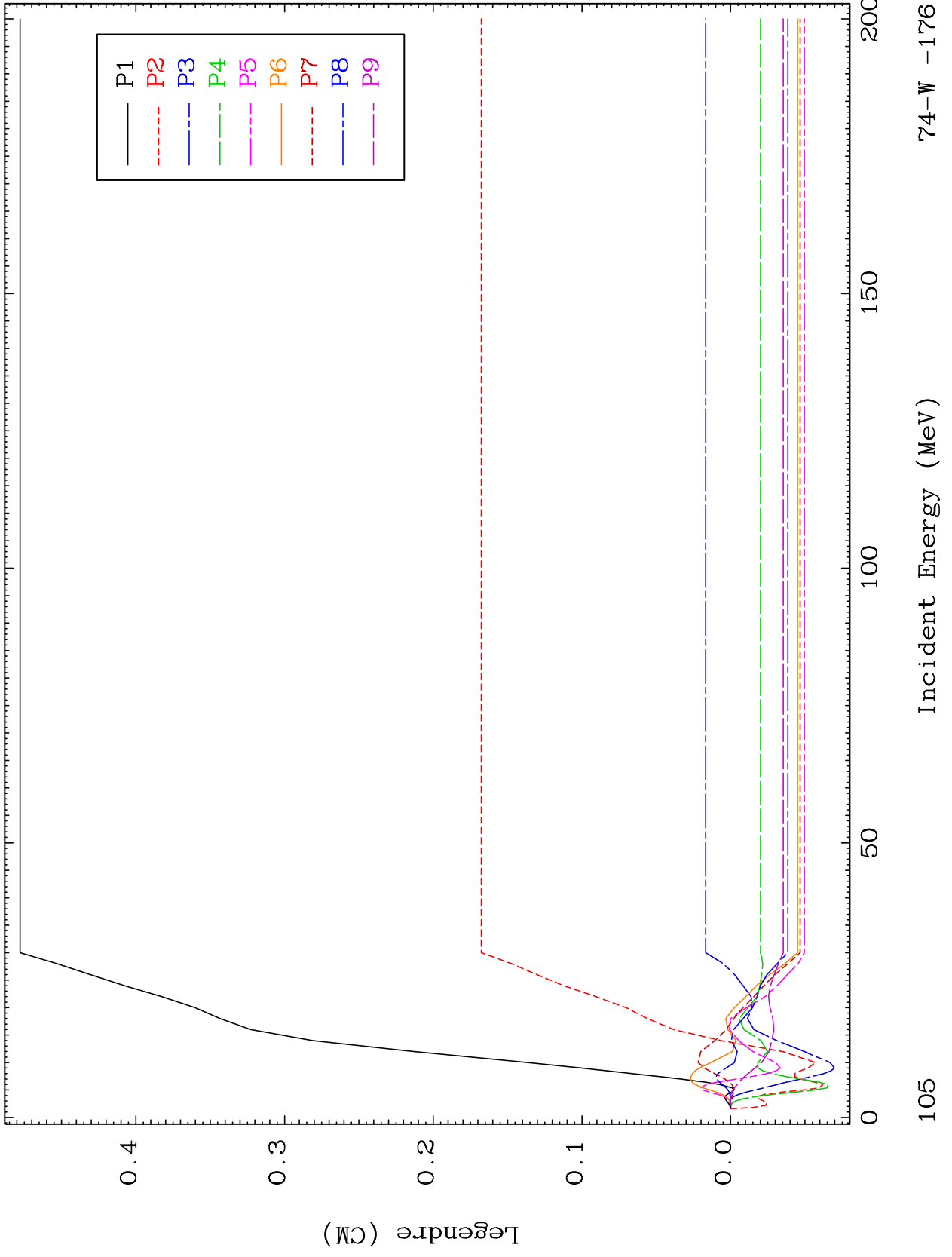
Incident Energy (MeV)

104

MAT 7413

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

74-W -176



74-W -176

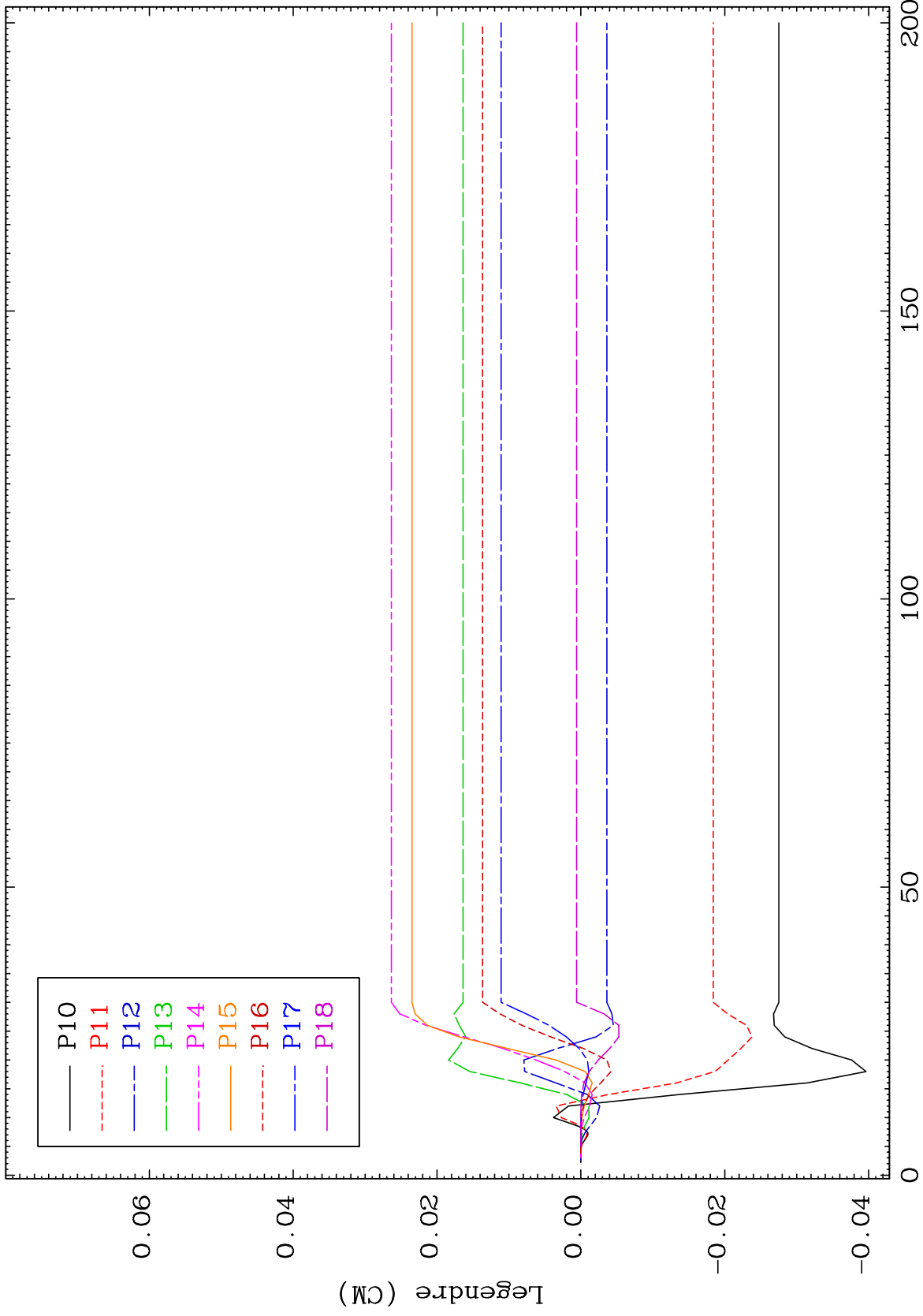
Incident Energy (MeV)

105

MAT 7413

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

74-W -176



106

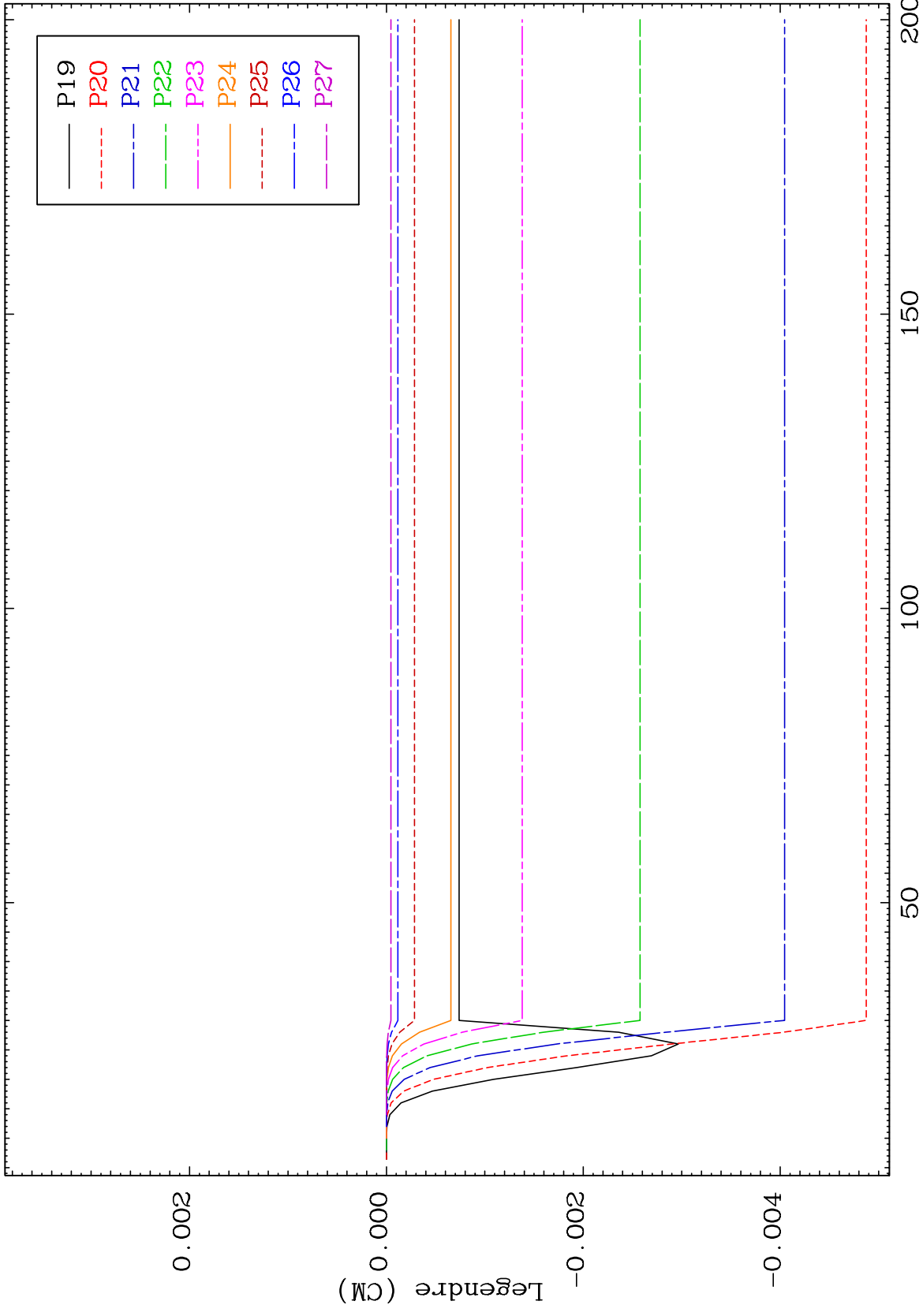
Incident Energy (MeV)

74-W -176

MAT 7413

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

74-W -176



107

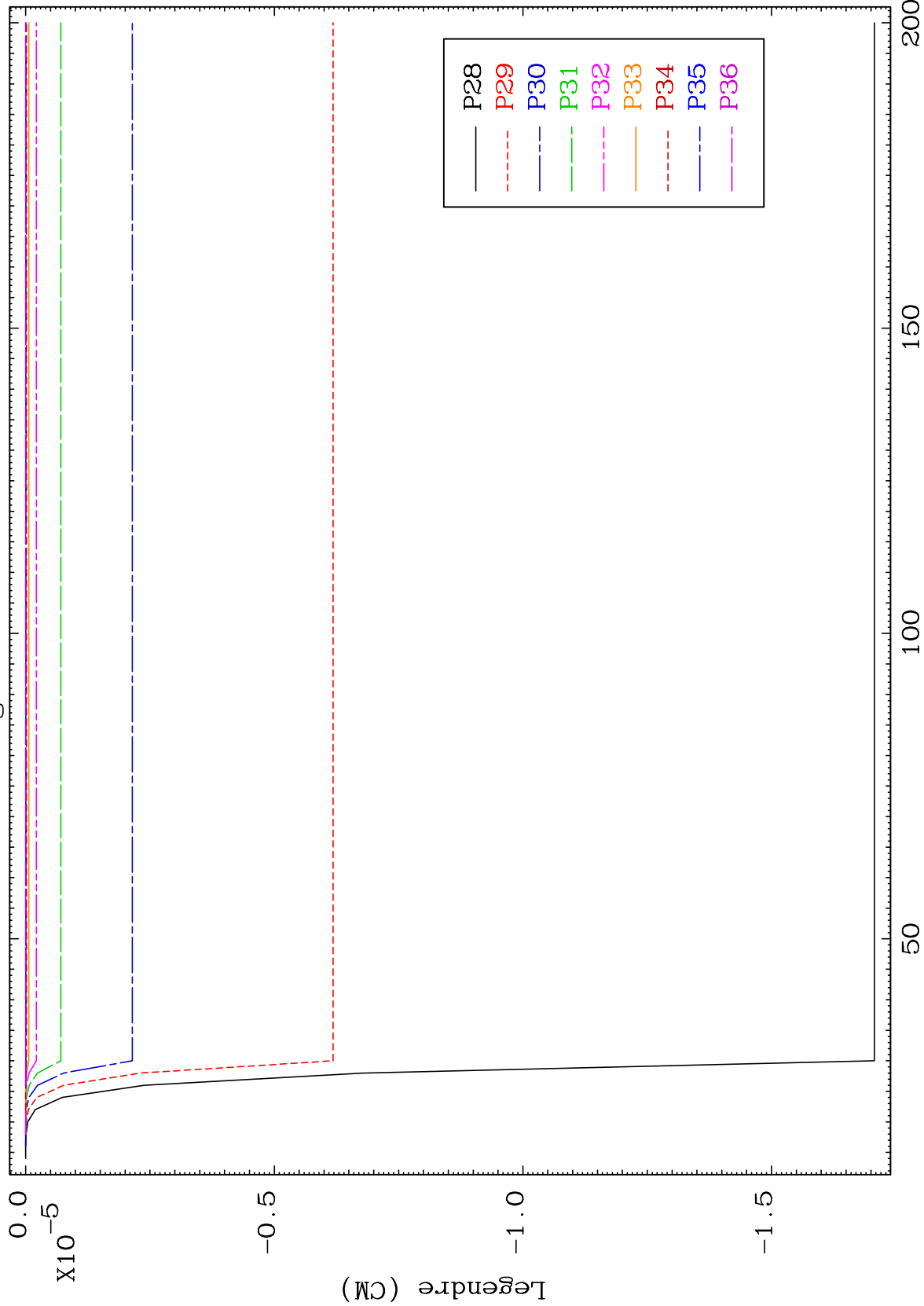
Incident Energy (MeV)

74-W -176

MAT 7413

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

74-W -176



74-W -176

Incident Energy (MeV)

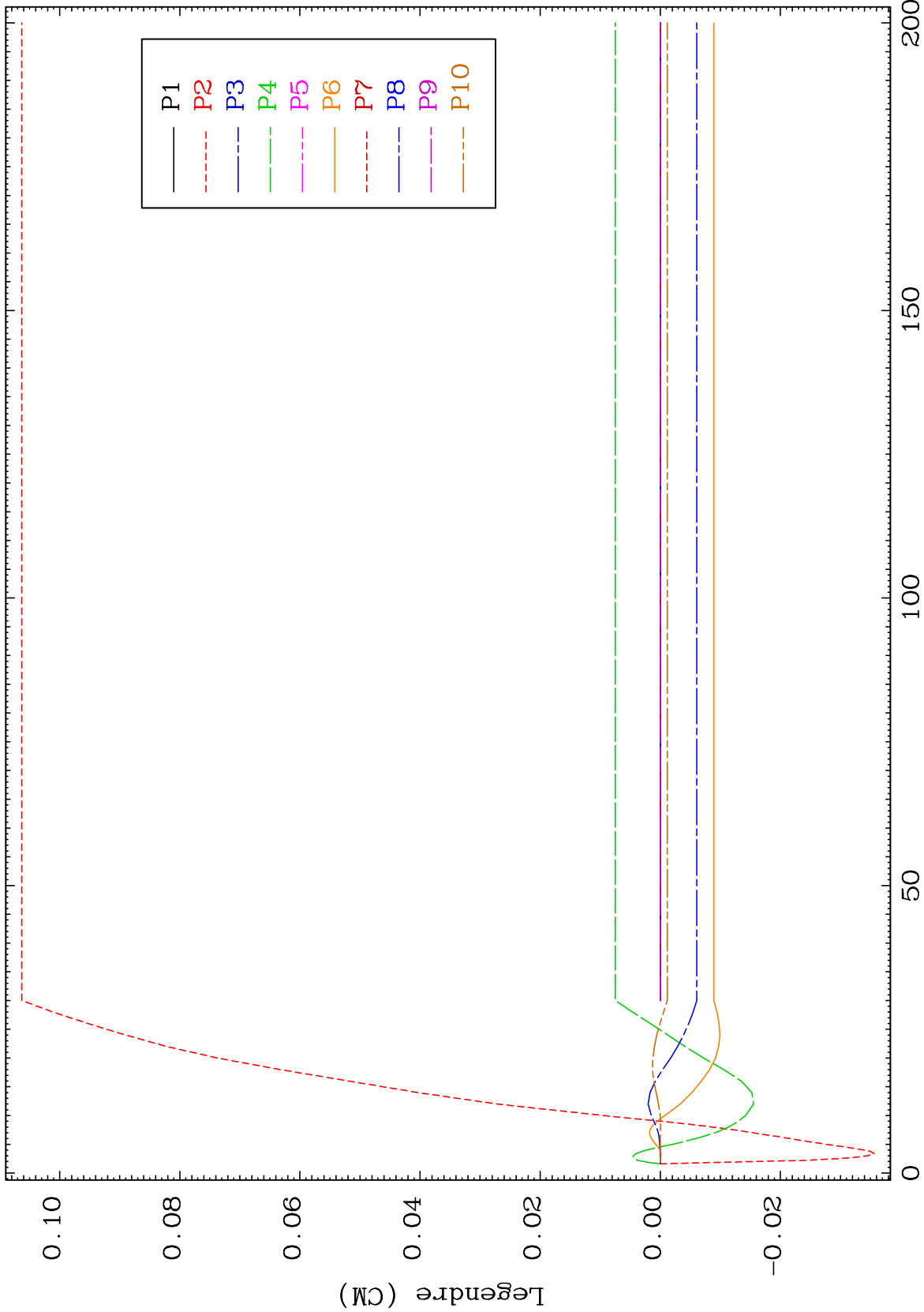
108

MAT 7413

MT= 75 (n,n') Level

74-W -176

Legendre Coefficients



109

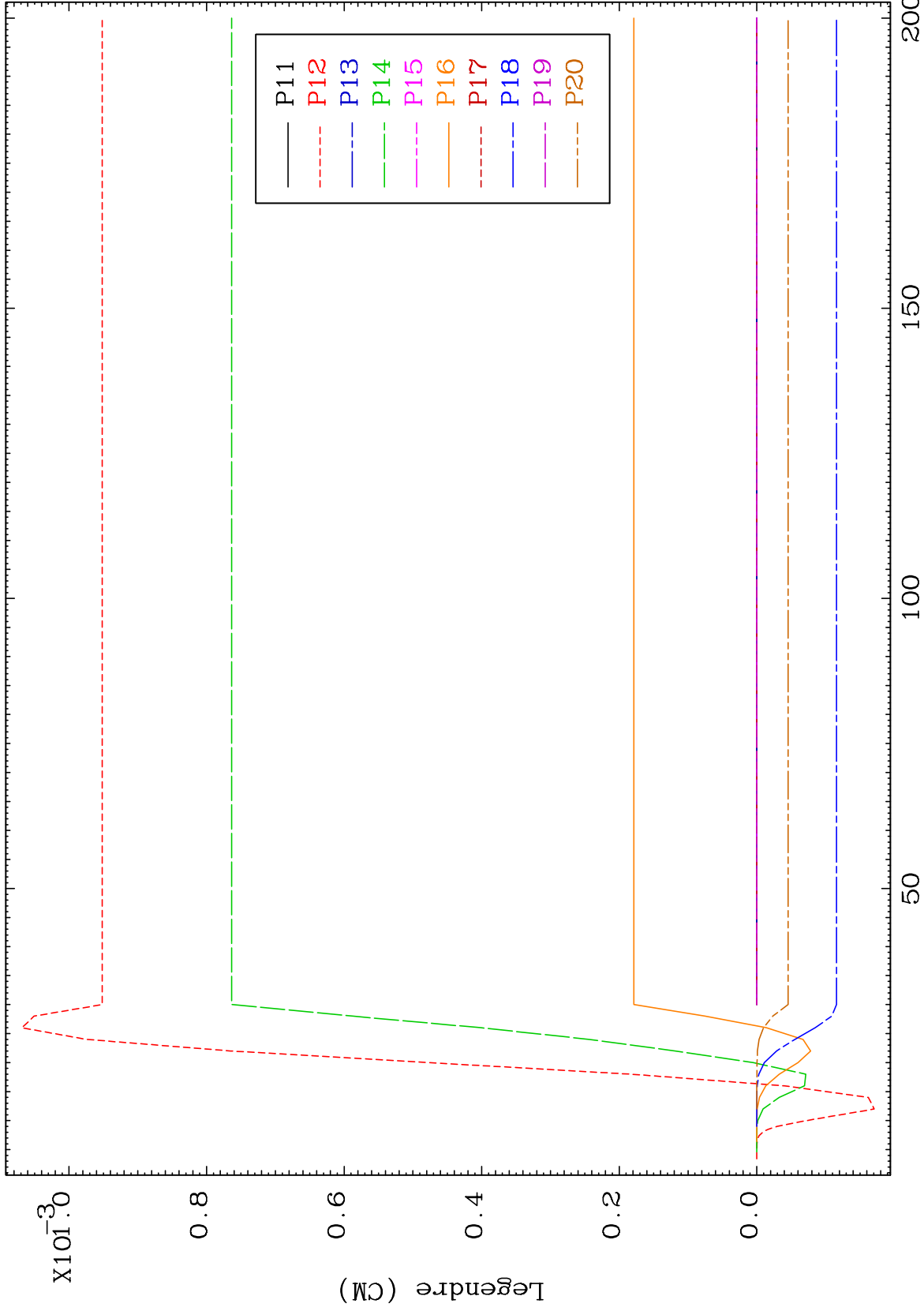
Incident Energy (MeV)

74-W -176

MAT 7413

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

74-W -176



110

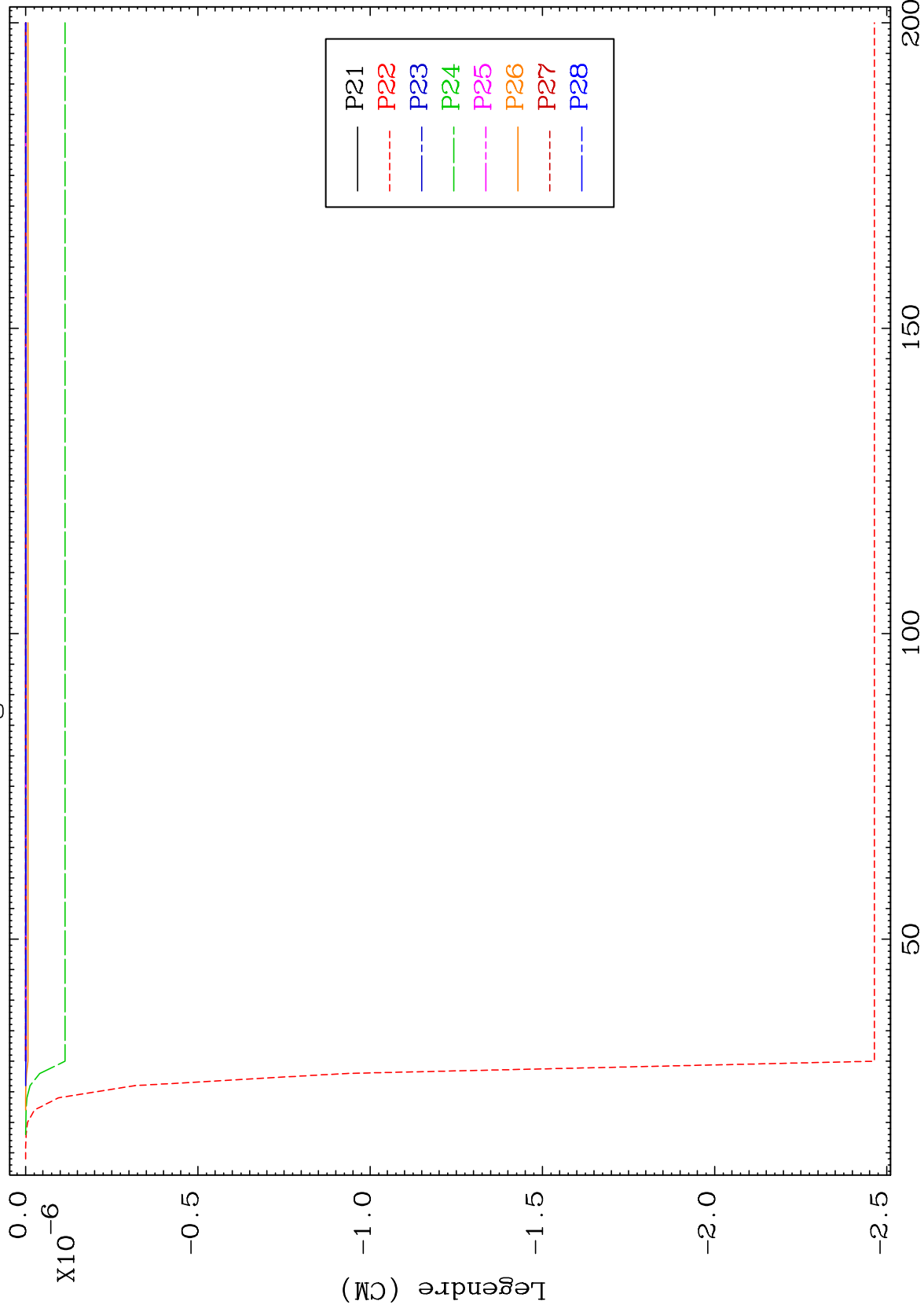
Incident Energy (MeV)

74-W -176

MAT 7413

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

74-W -176



111

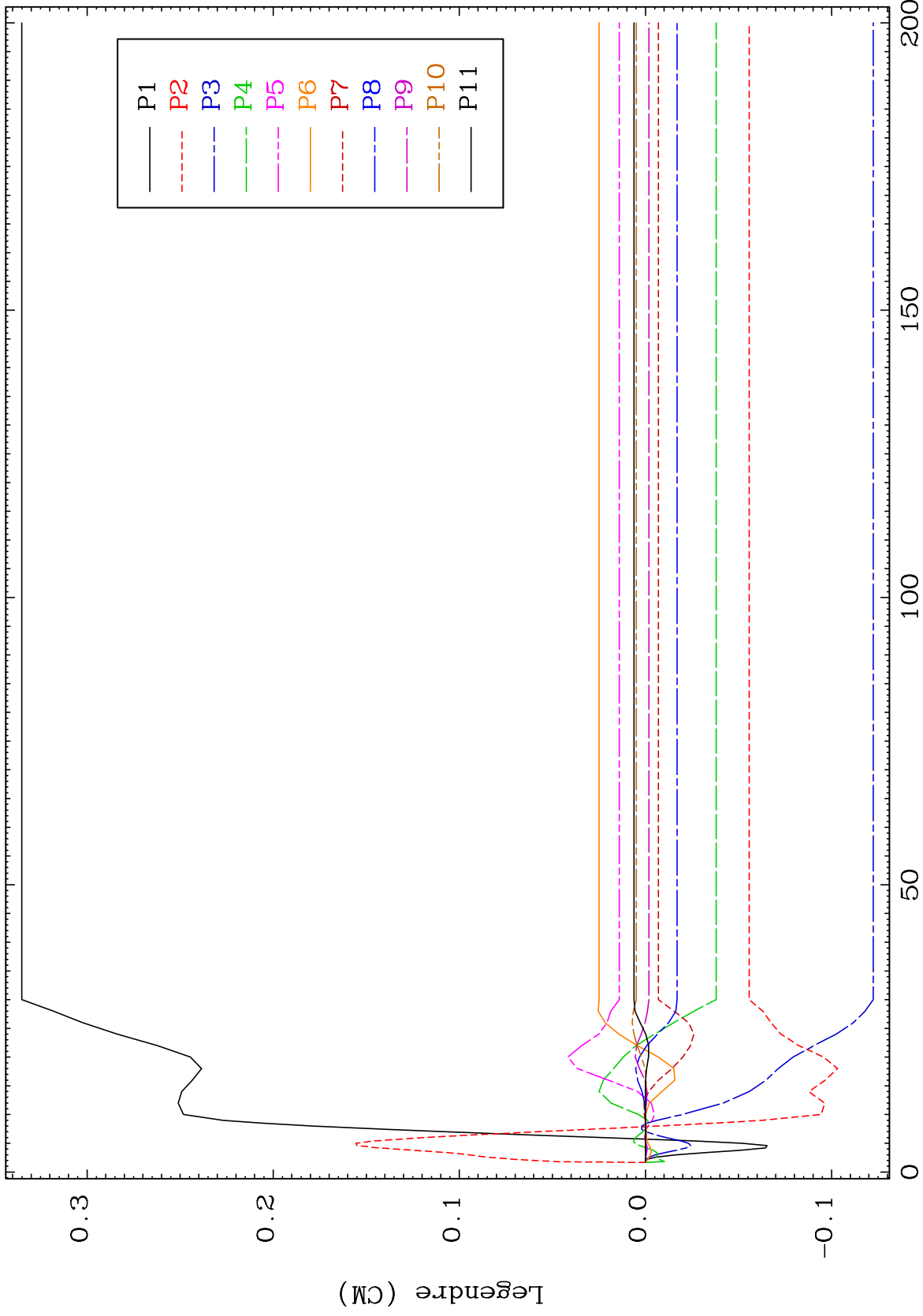
Incident Energy (MeV)

74-W -176

MAT 7413

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

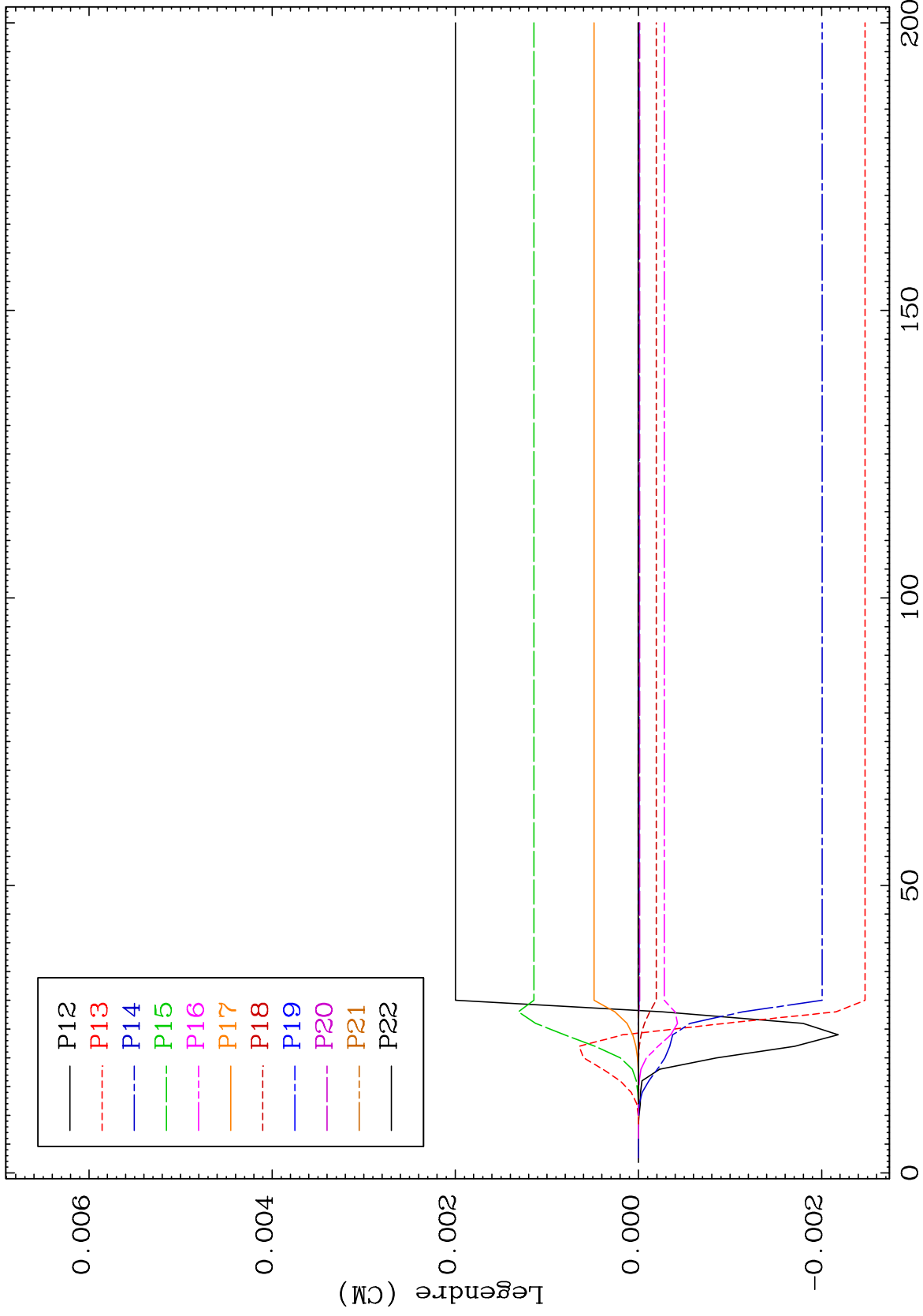
74-W -176



112

Incident Energy (MeV)

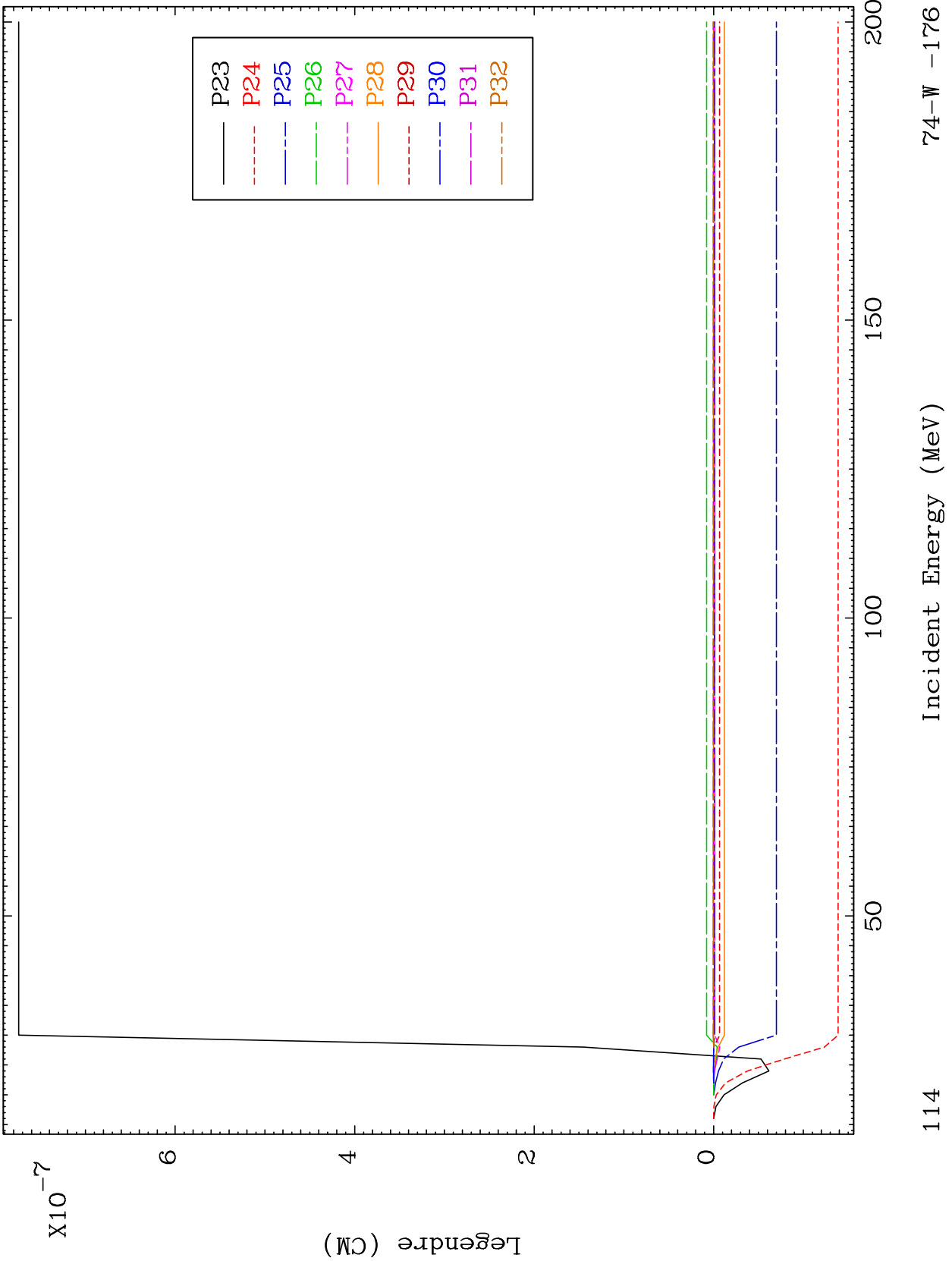
74-W -176



MAT 7413

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

74-W -176



114

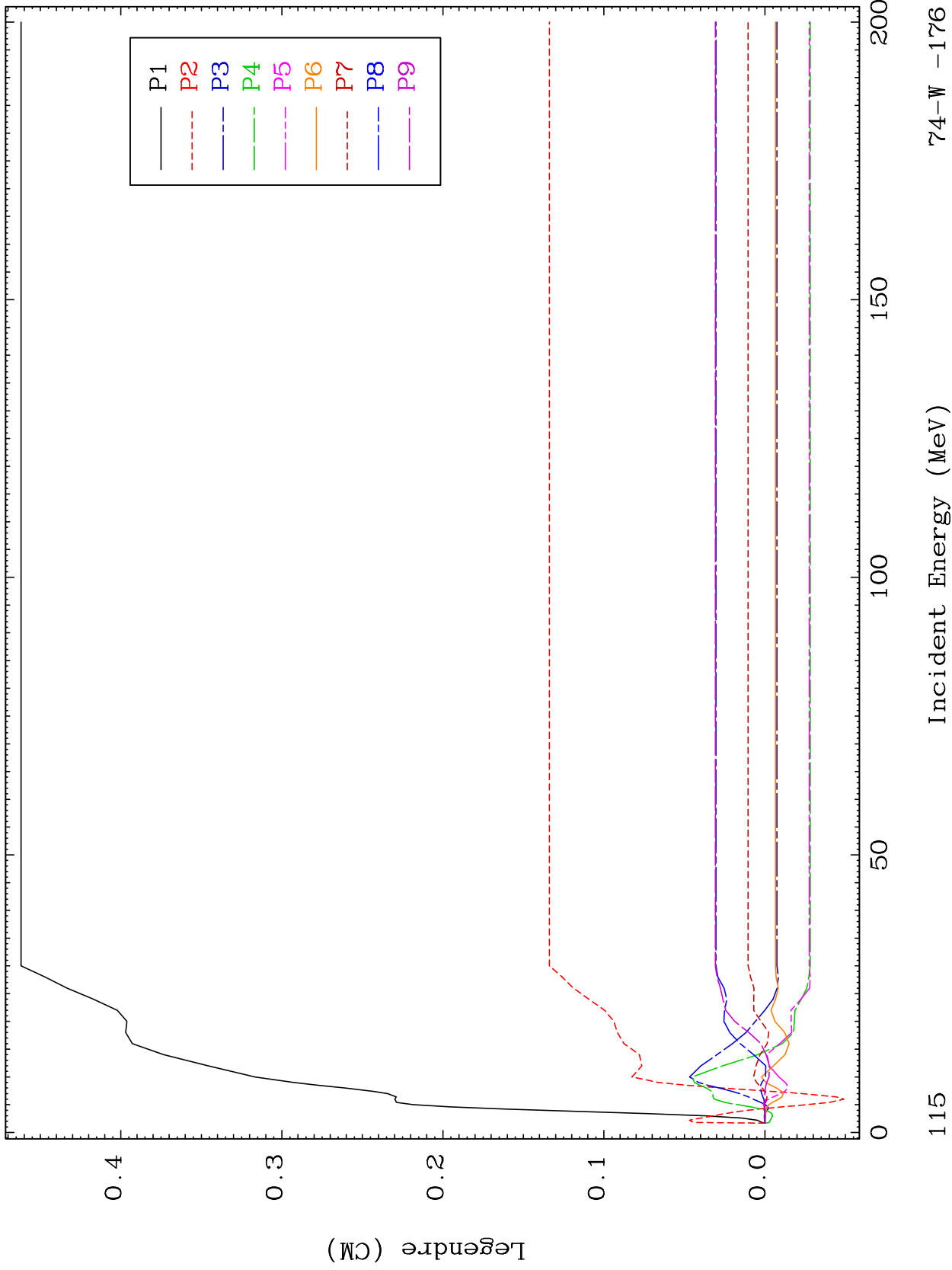
Incident Energy (MeV)

74-W -176

MAT 7413

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

74-W -176



74-W -176

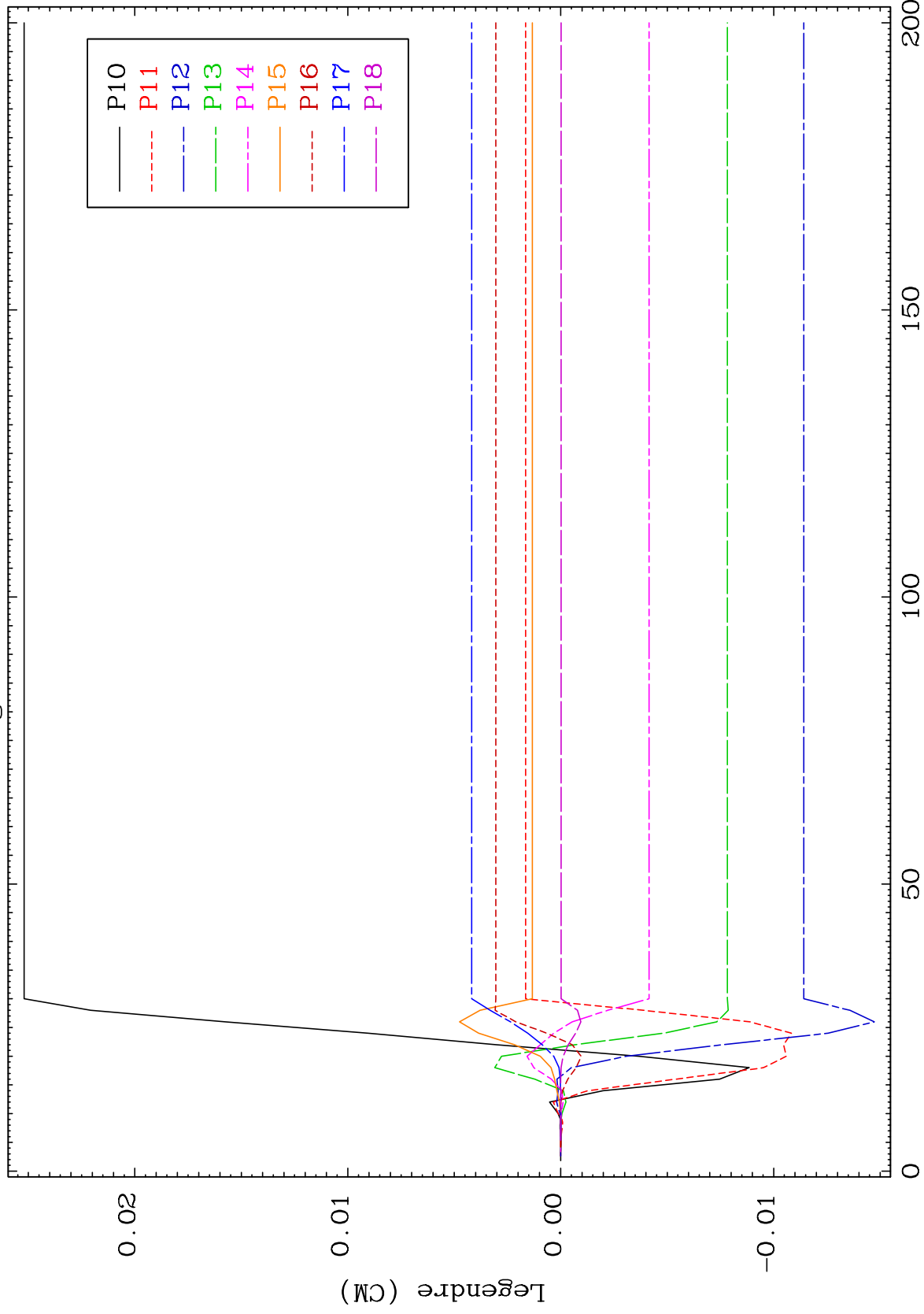
Incident Energy (MeV)

115

MAT 7413

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

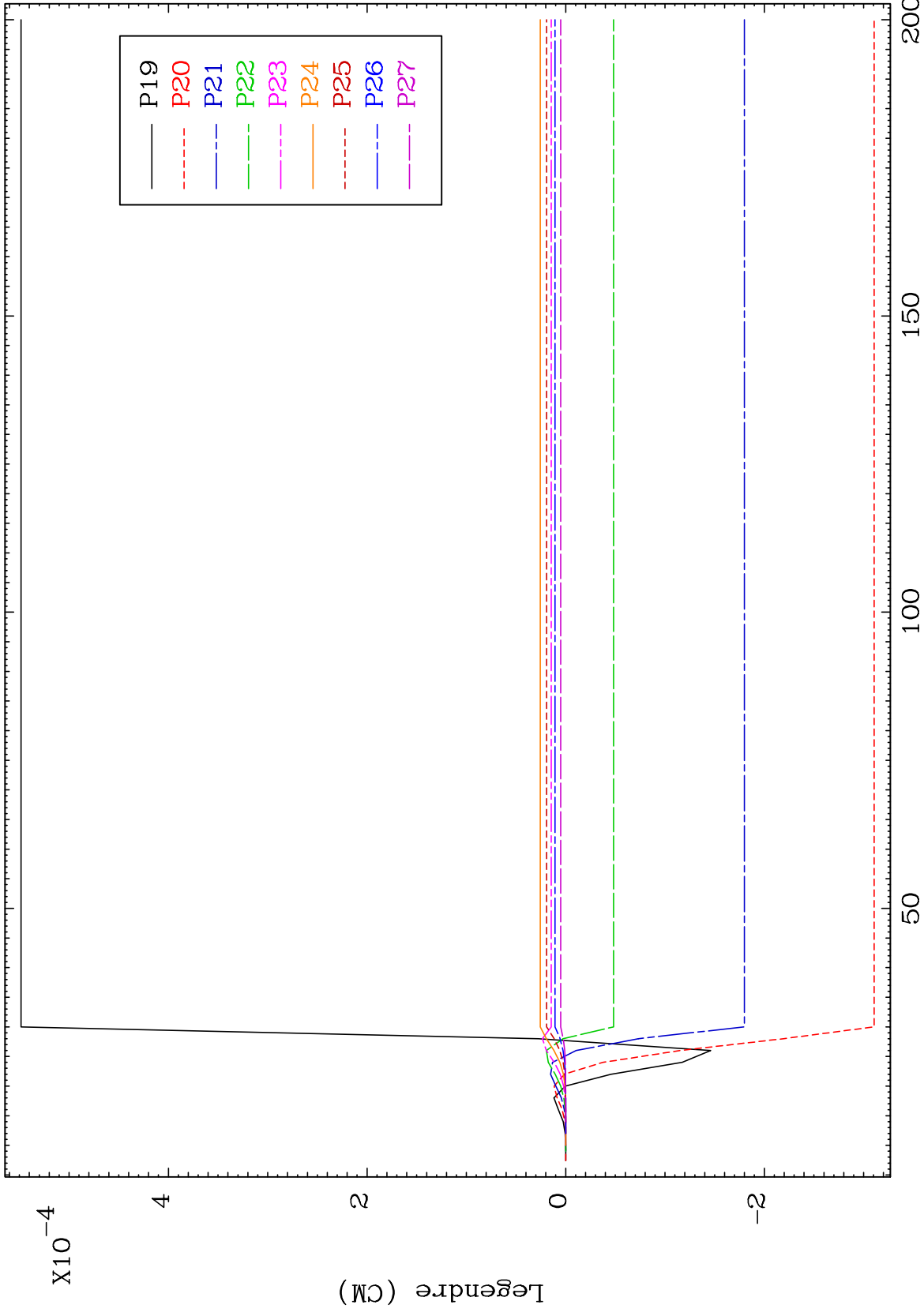
74-W -176



116

Incident Energy (MeV)

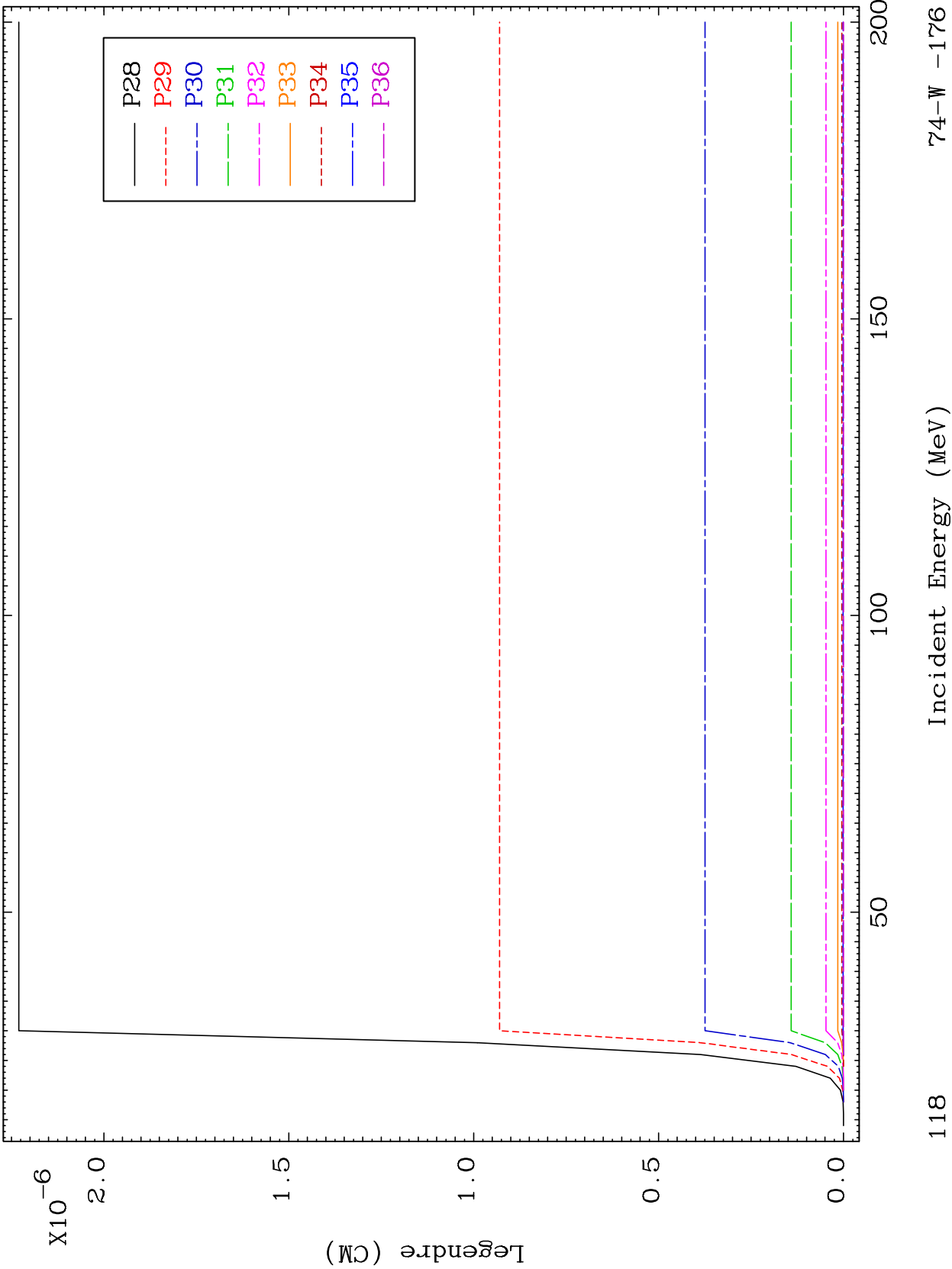
74-W -176



MAT 7413

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

74-W -176



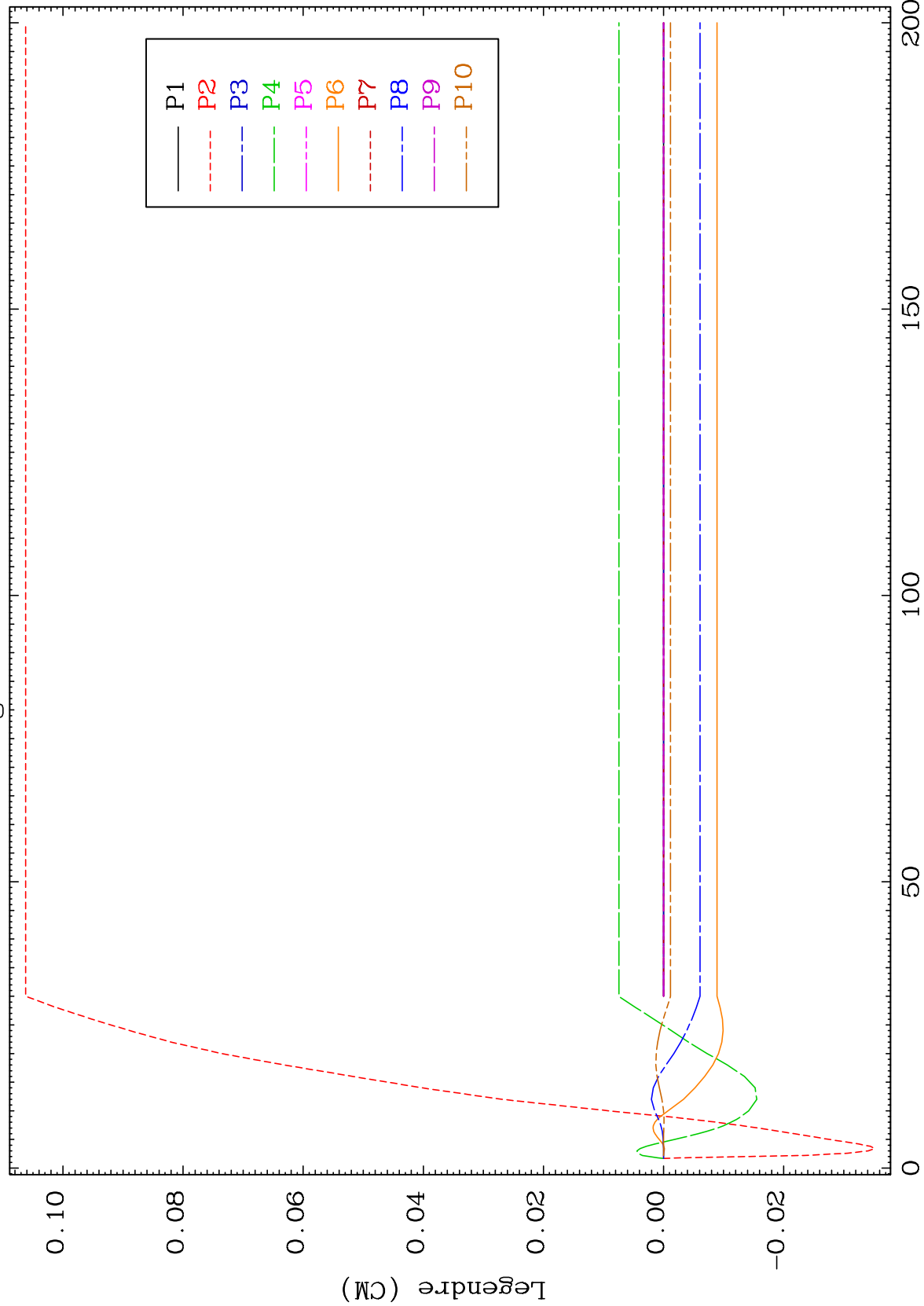
118

74-W -176

MAT 7413

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

74-W -176



119

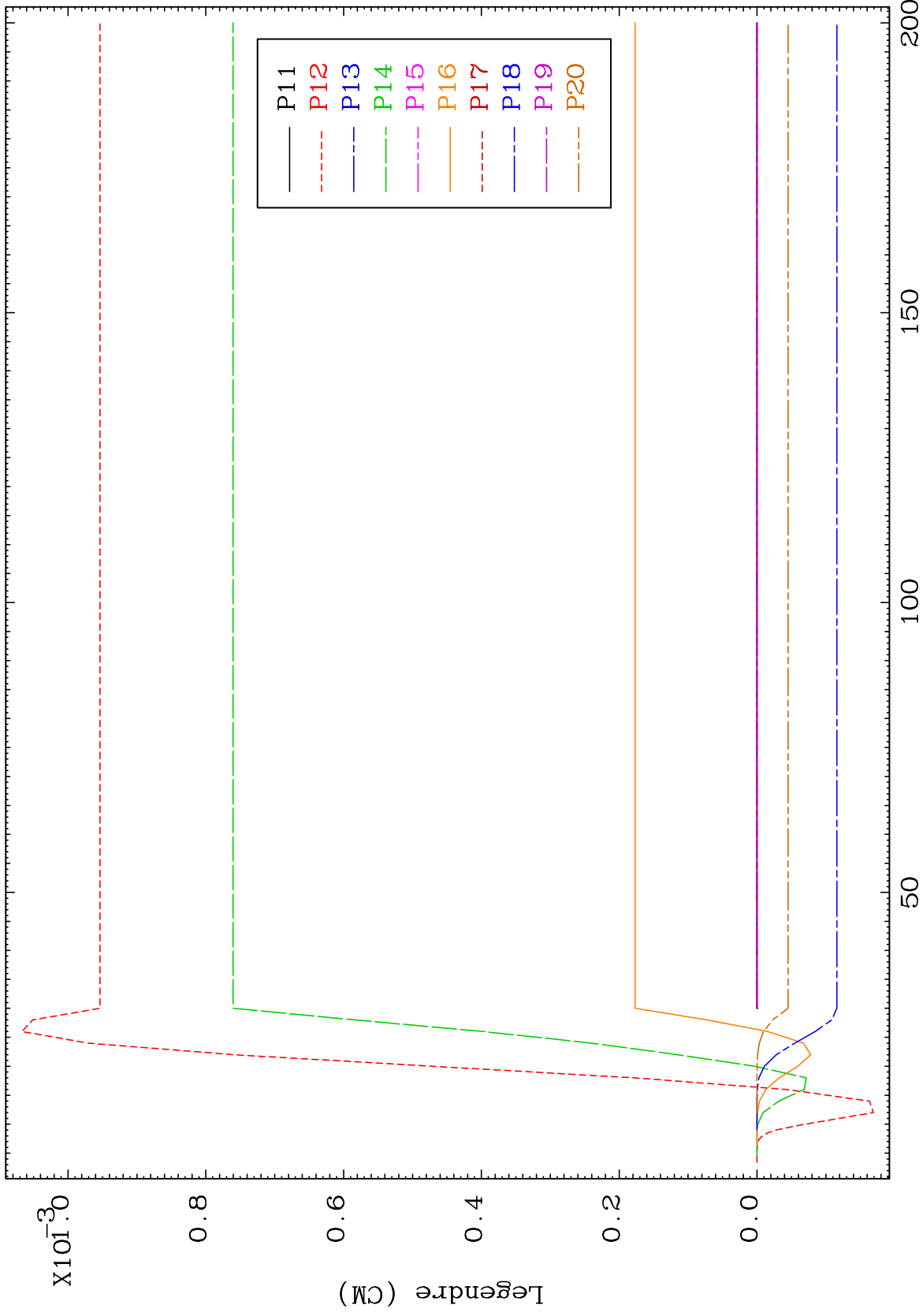
Incident Energy (MeV)

74-W -176

MAT 7413

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

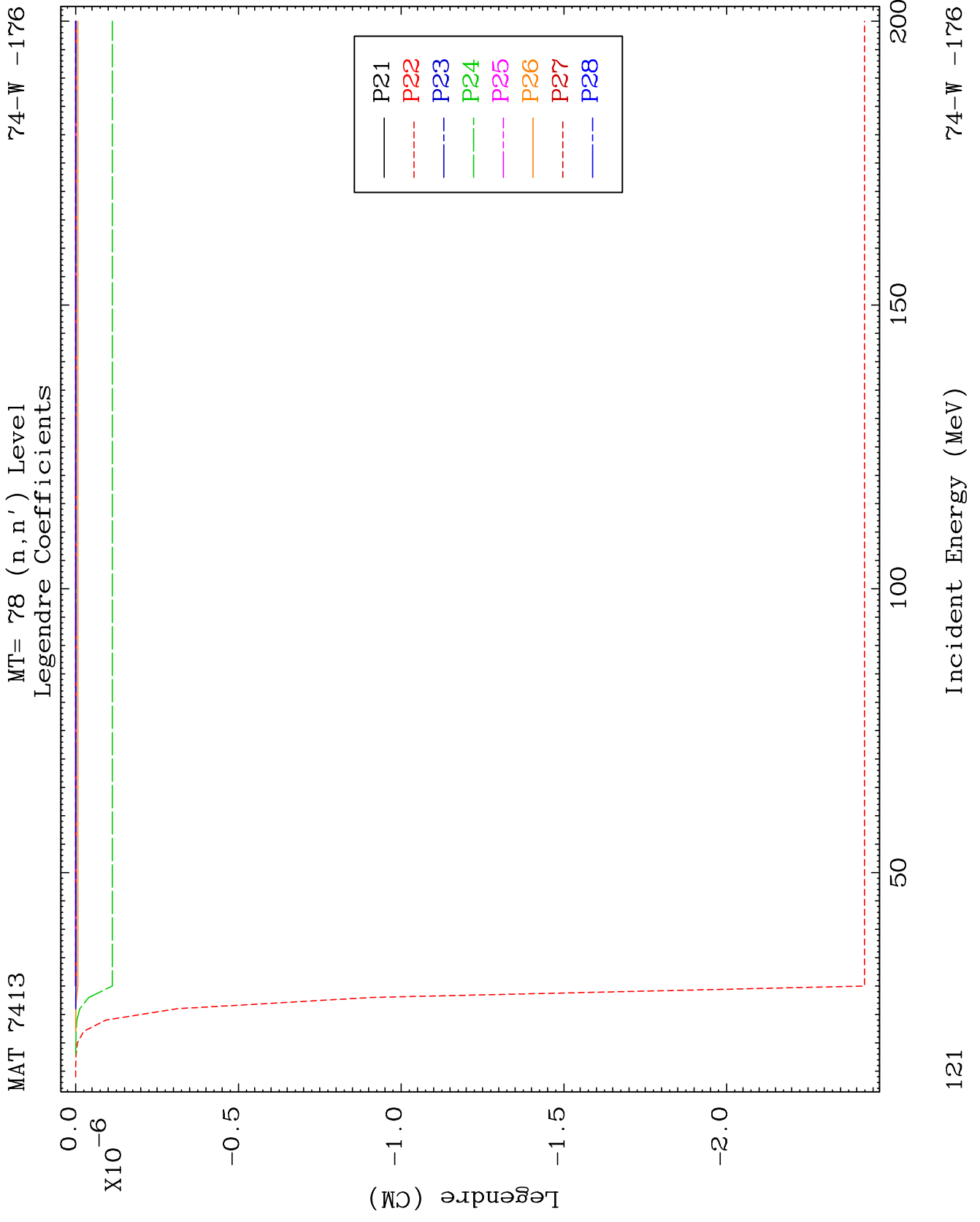
74-W -176



120

Incident Energy (MeV)

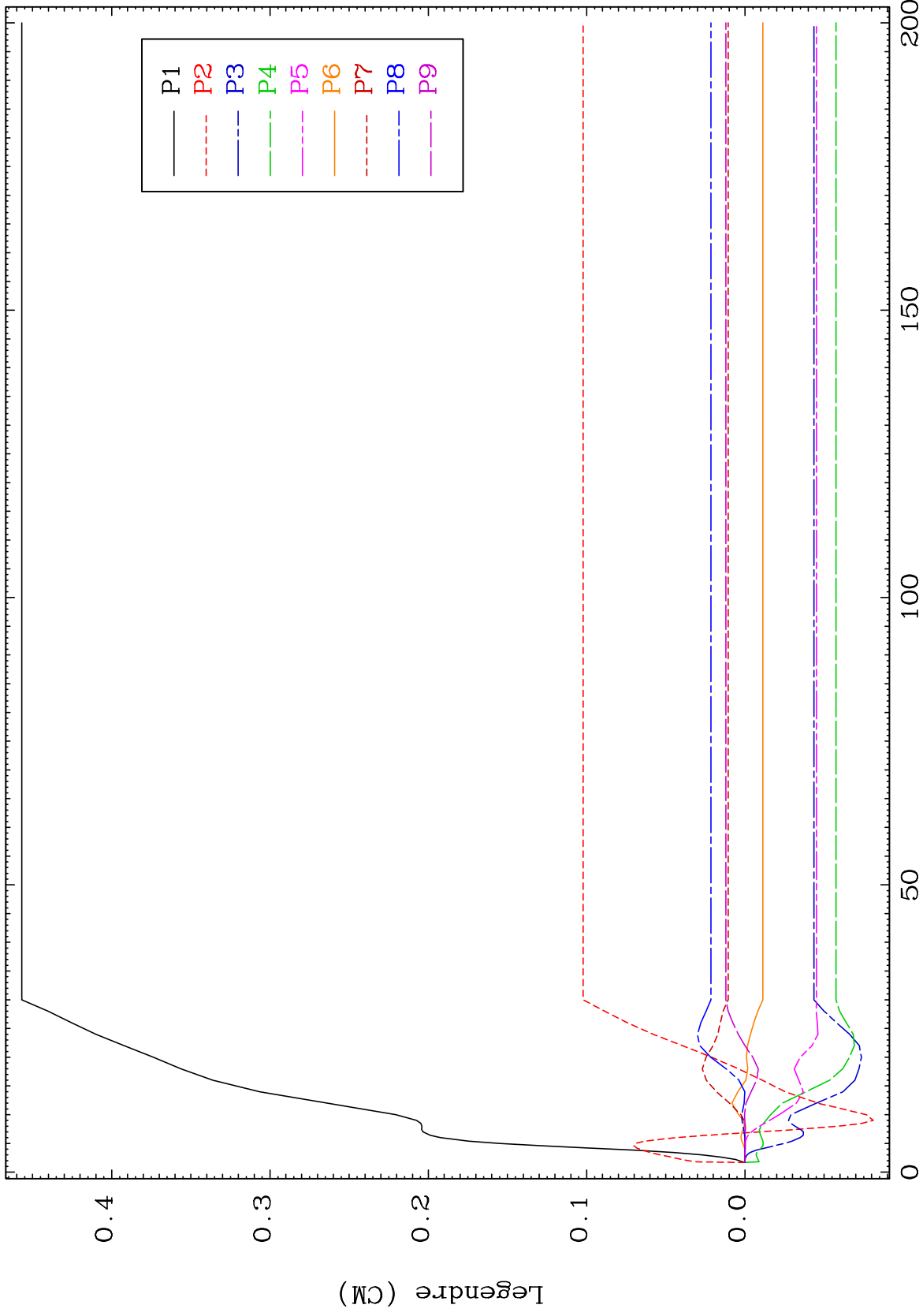
74-W -176



MAT 7413

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

74-W -176



122

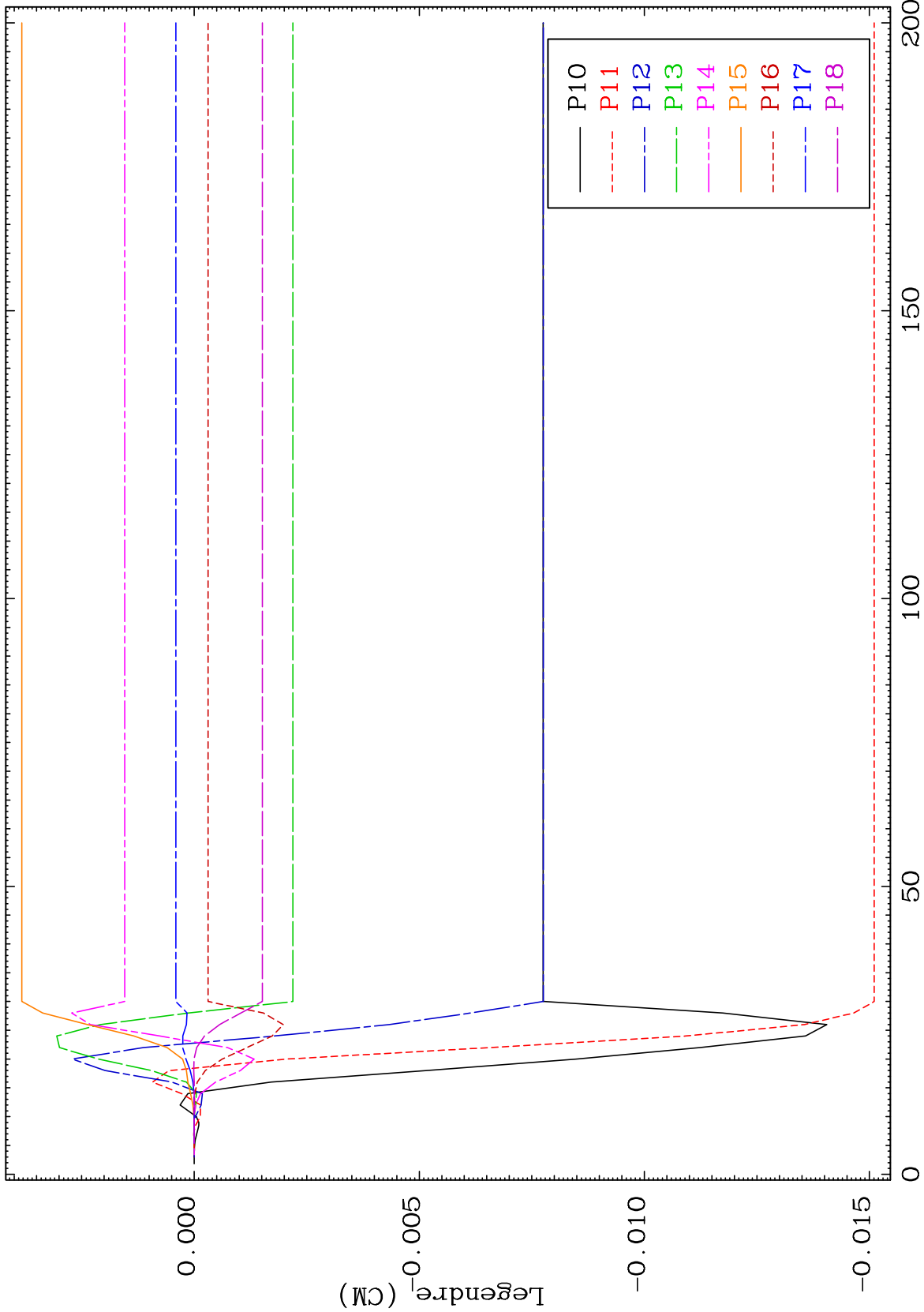
Incident Energy (MeV)

74-W -176

MAT 7413

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

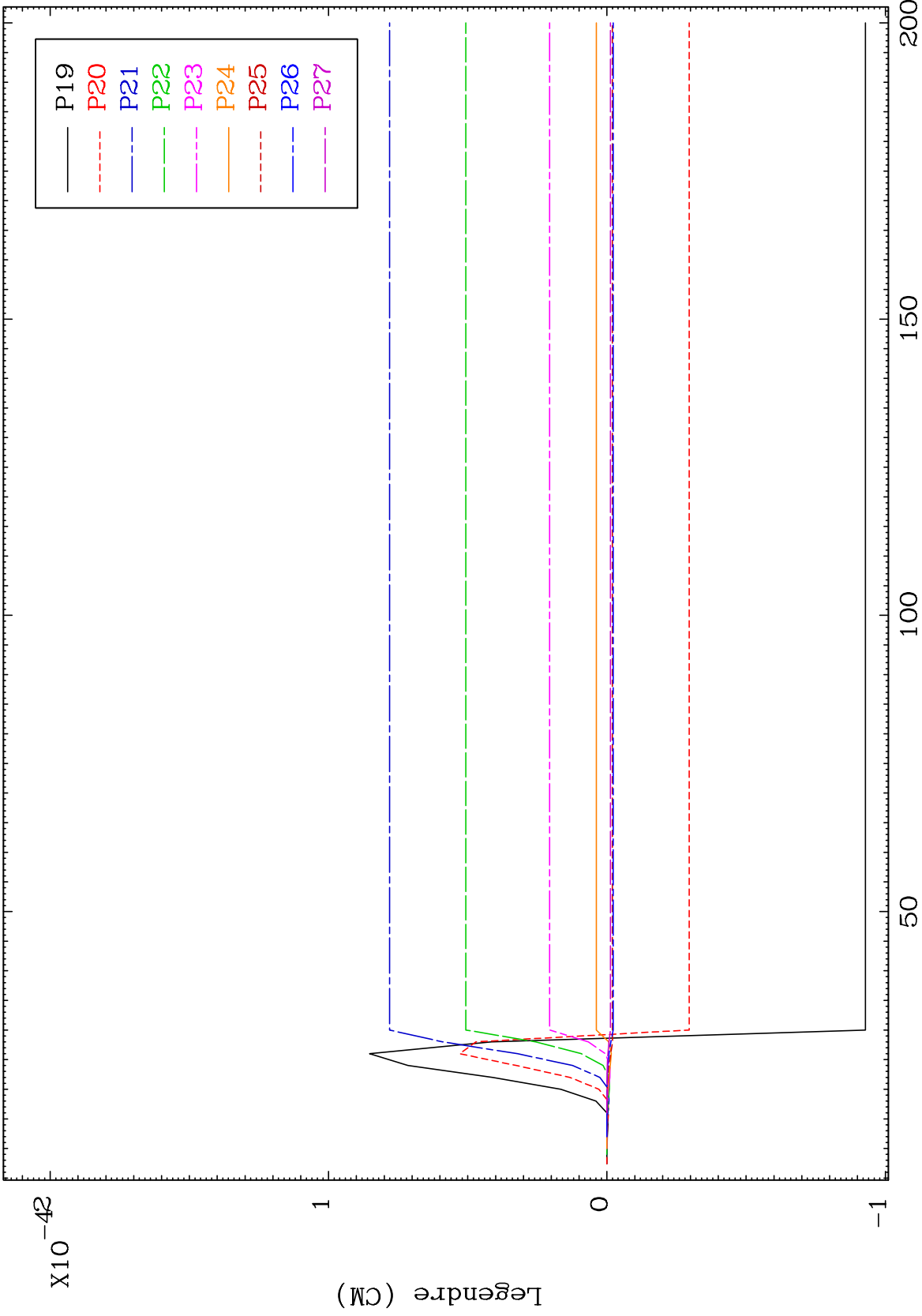
74-W -176



123

Incident Energy (MeV)

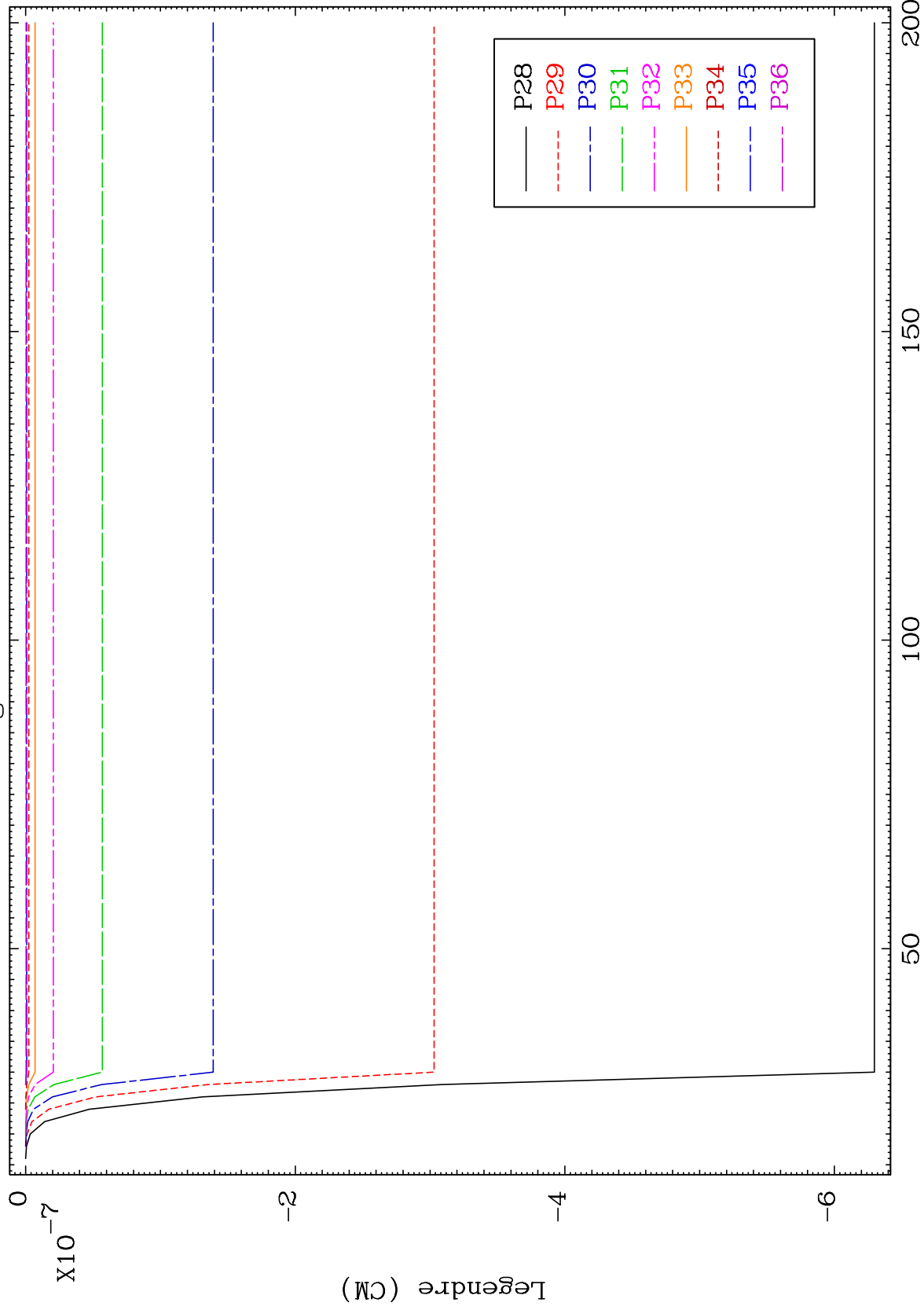
74-W -176



MAT 7413

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

74-W -176



125

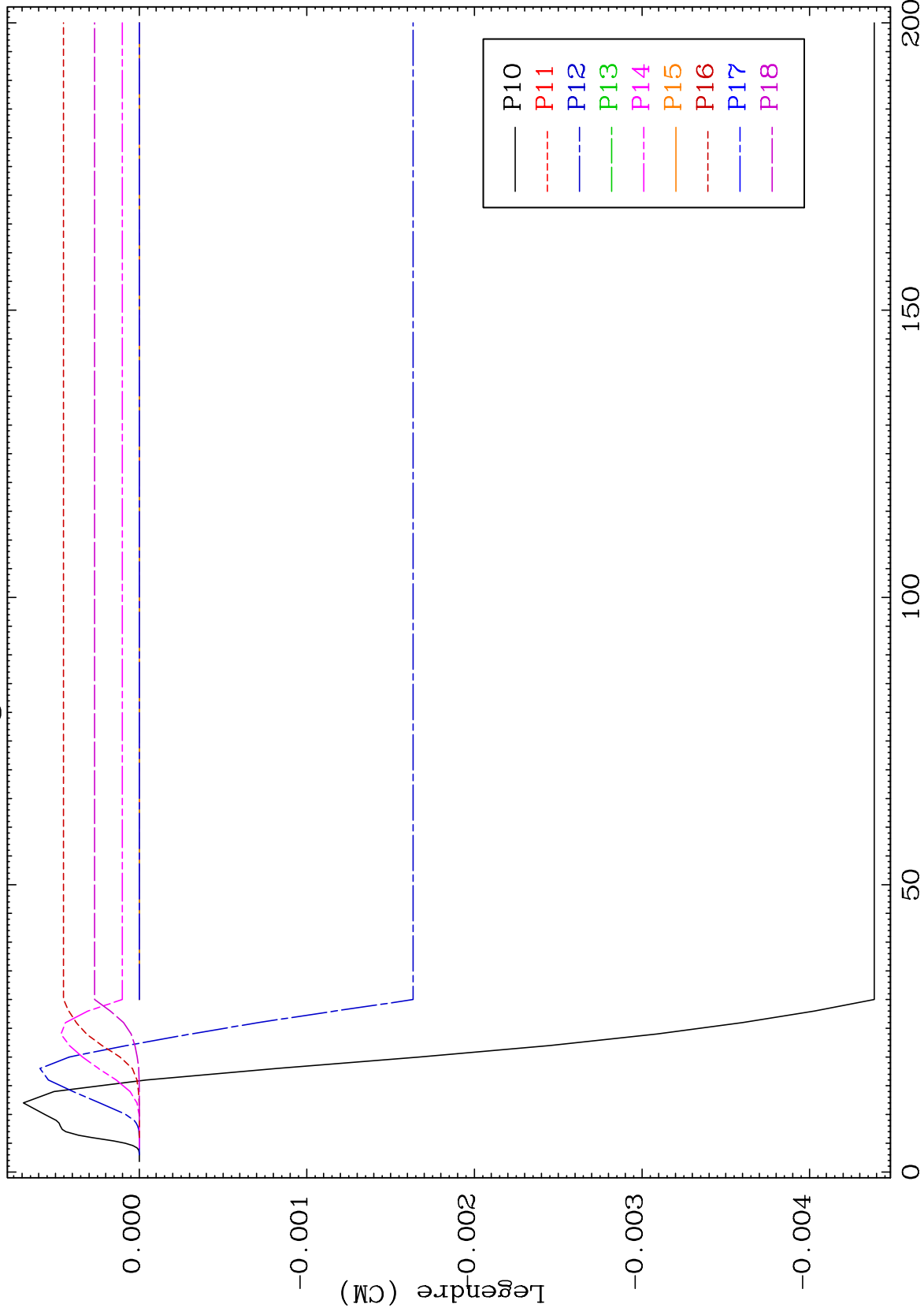
Incident Energy (MeV)

74-W -176

MAT 7413

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

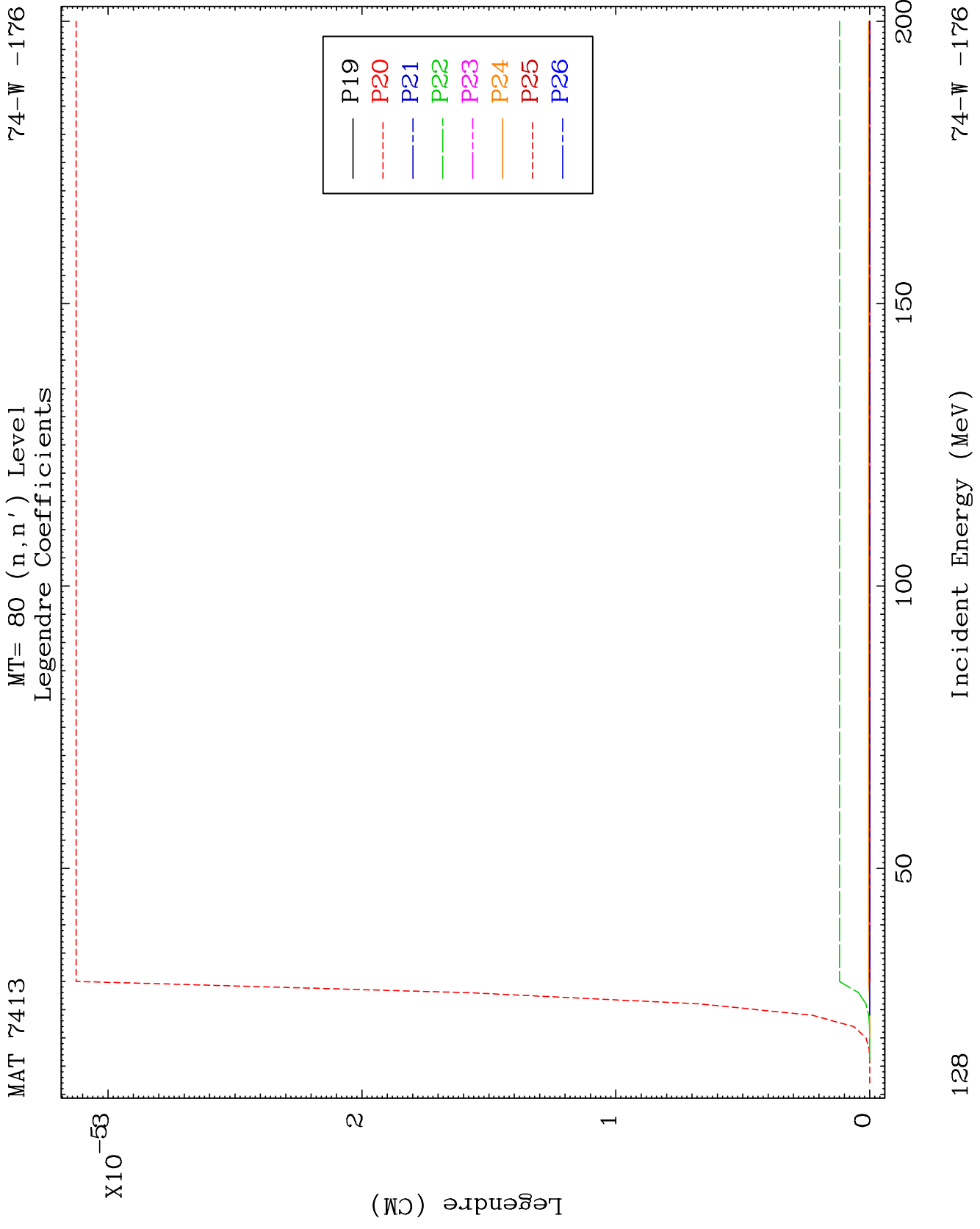
74-W -176



127

Incident Energy (MeV)

74-W -176

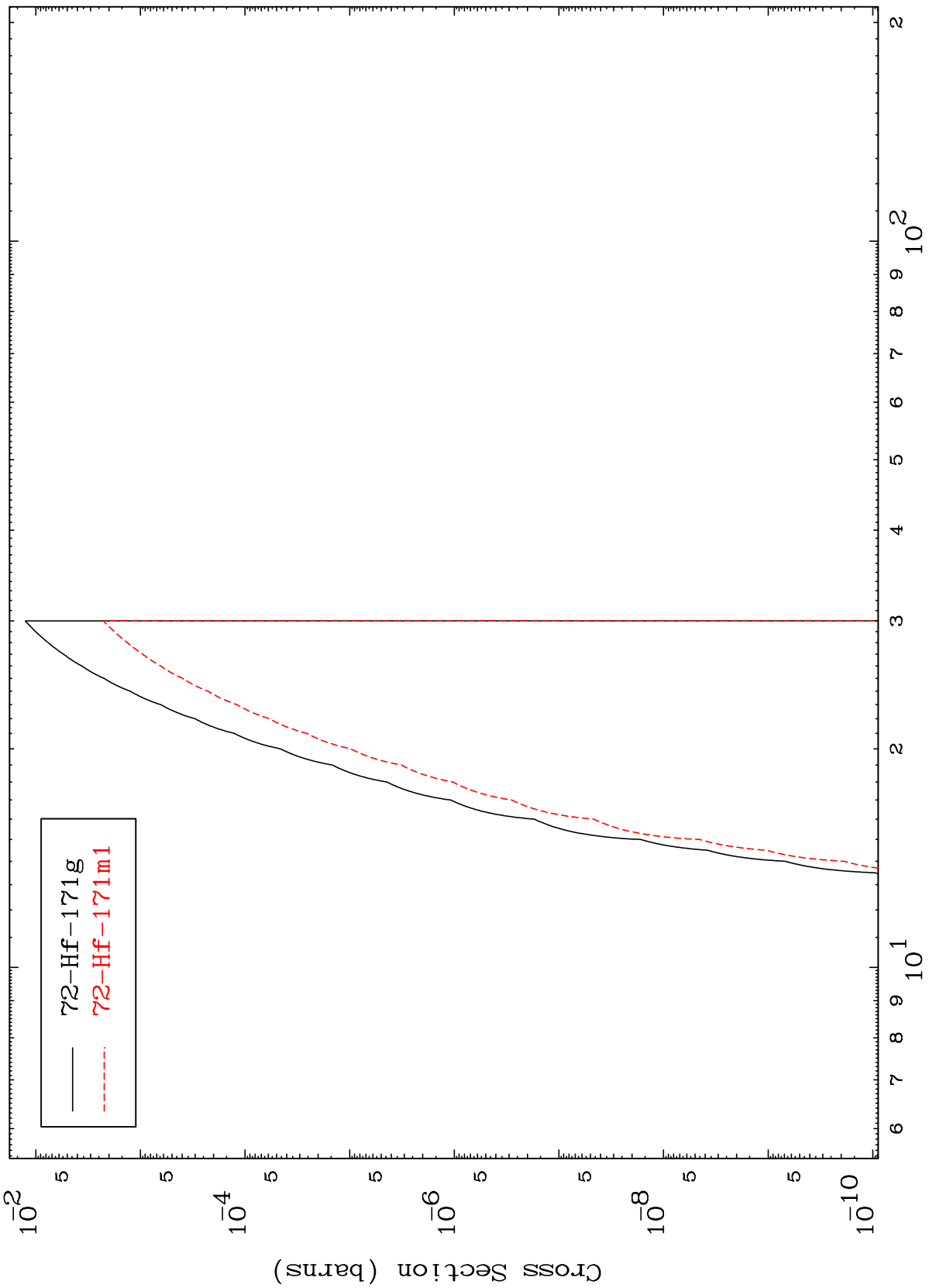


MAT 7413

(n,2n) α

74-W -176

Radionuclide Production Cross Section



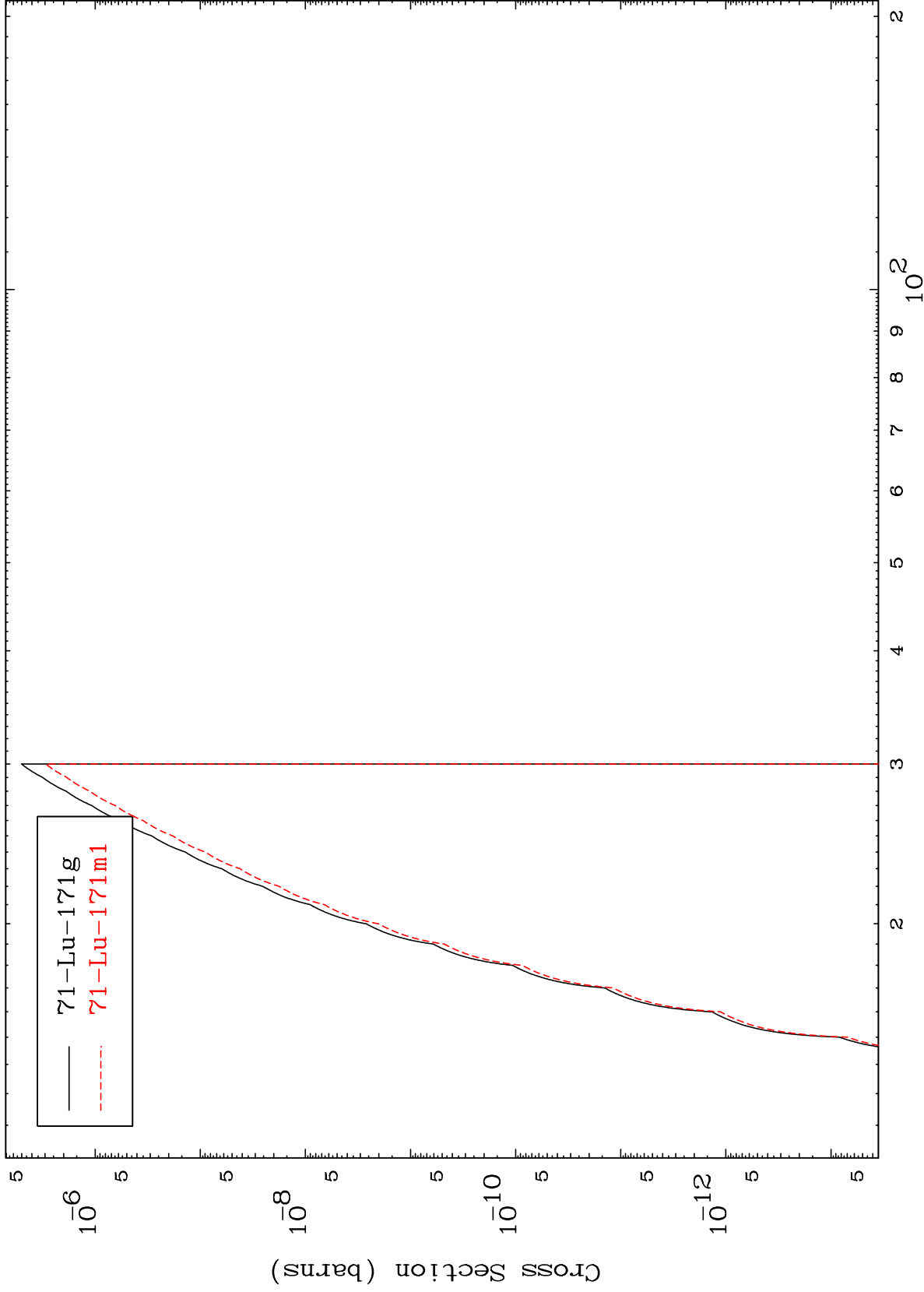
72-Hf-171g
72-Hf-171m1

129

Incident Energy (MeV)

74-W -176

Radionuclide Production Cross Section

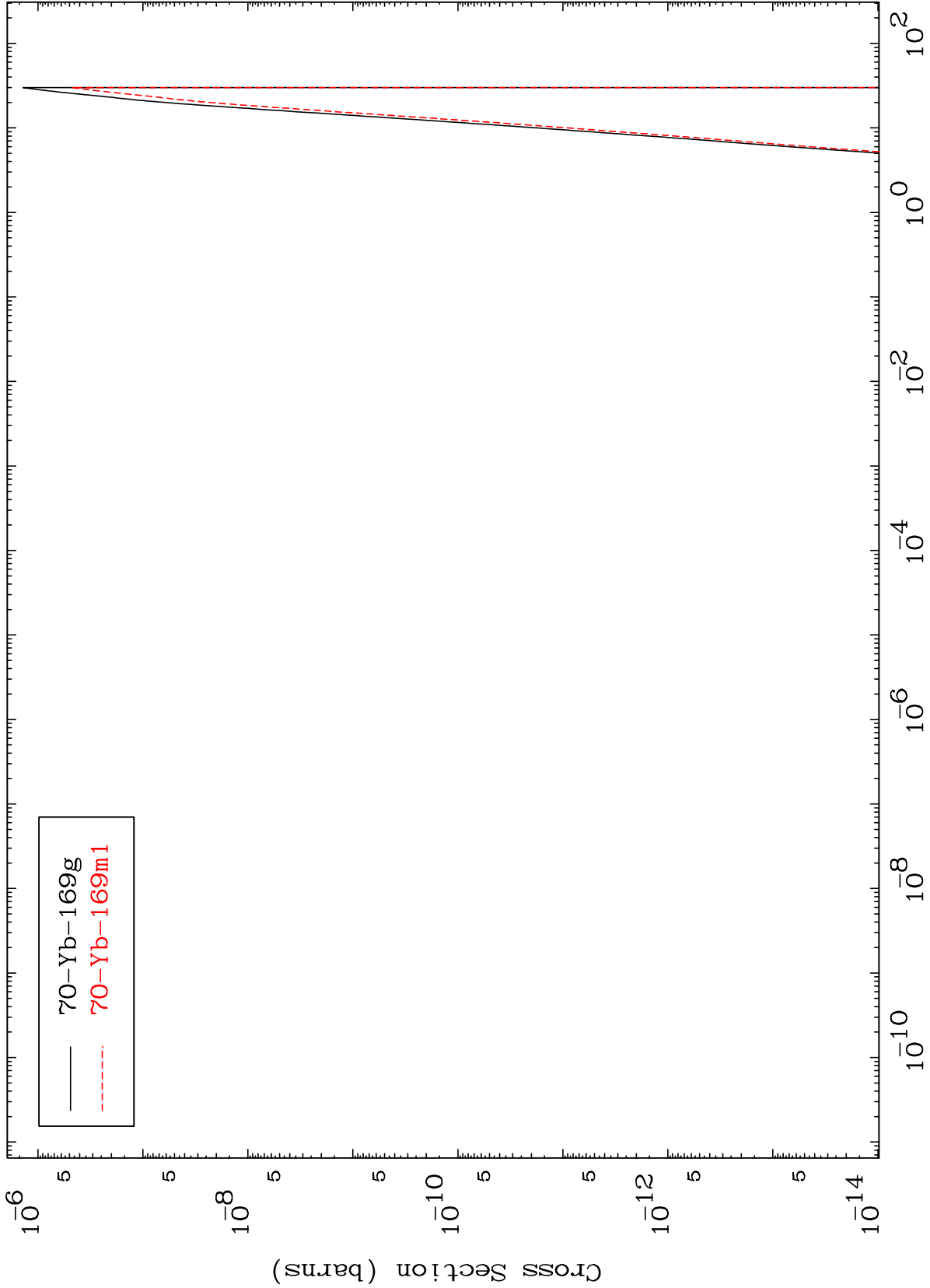


MAT 7413

(n,2α)

74-W -176

Radionuclide Production Cross Section



131

Incident Energy (MeV)

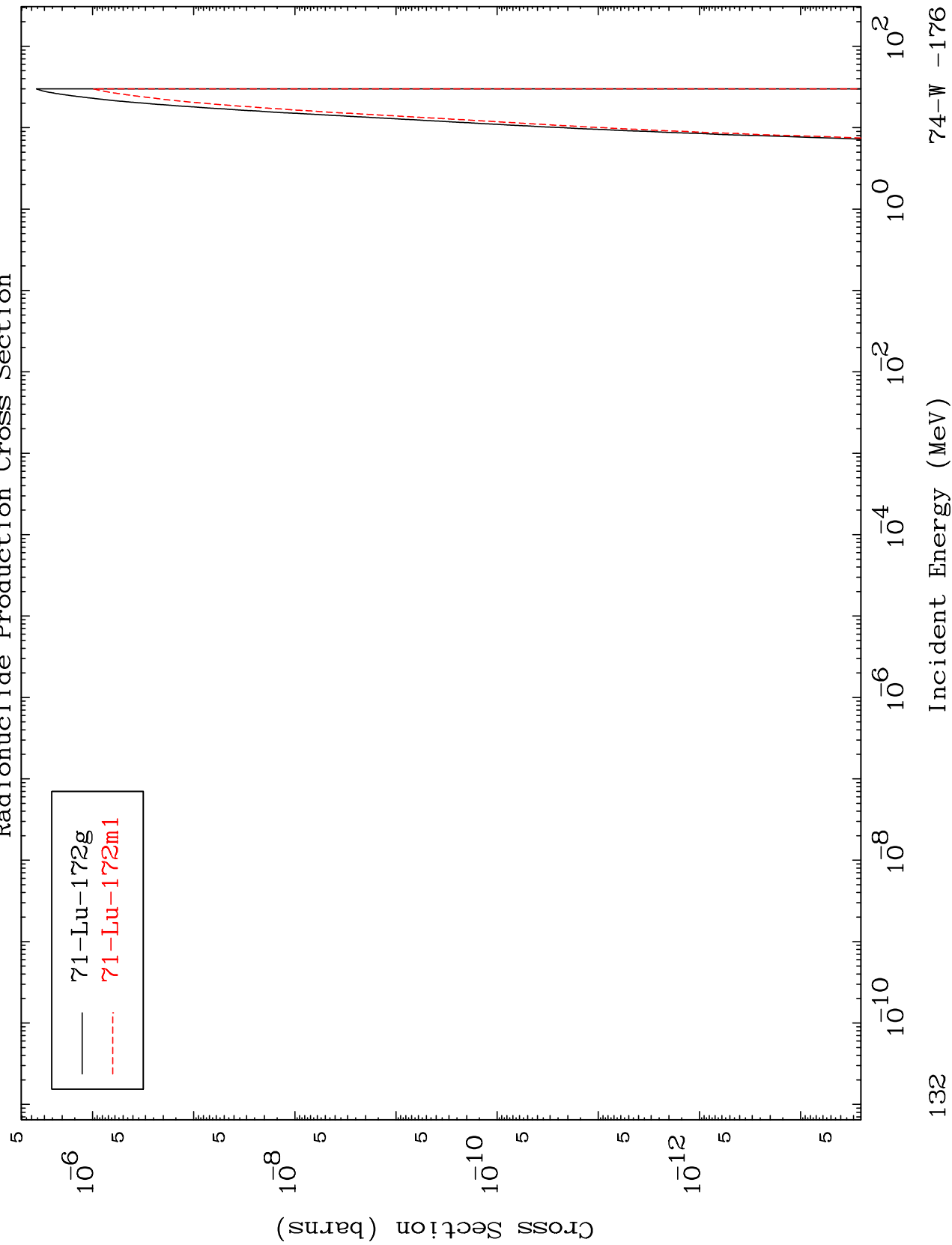
74-W -176

MAT 7413

(n,p) α

74-W -176

Radionuclide Production Cross Section

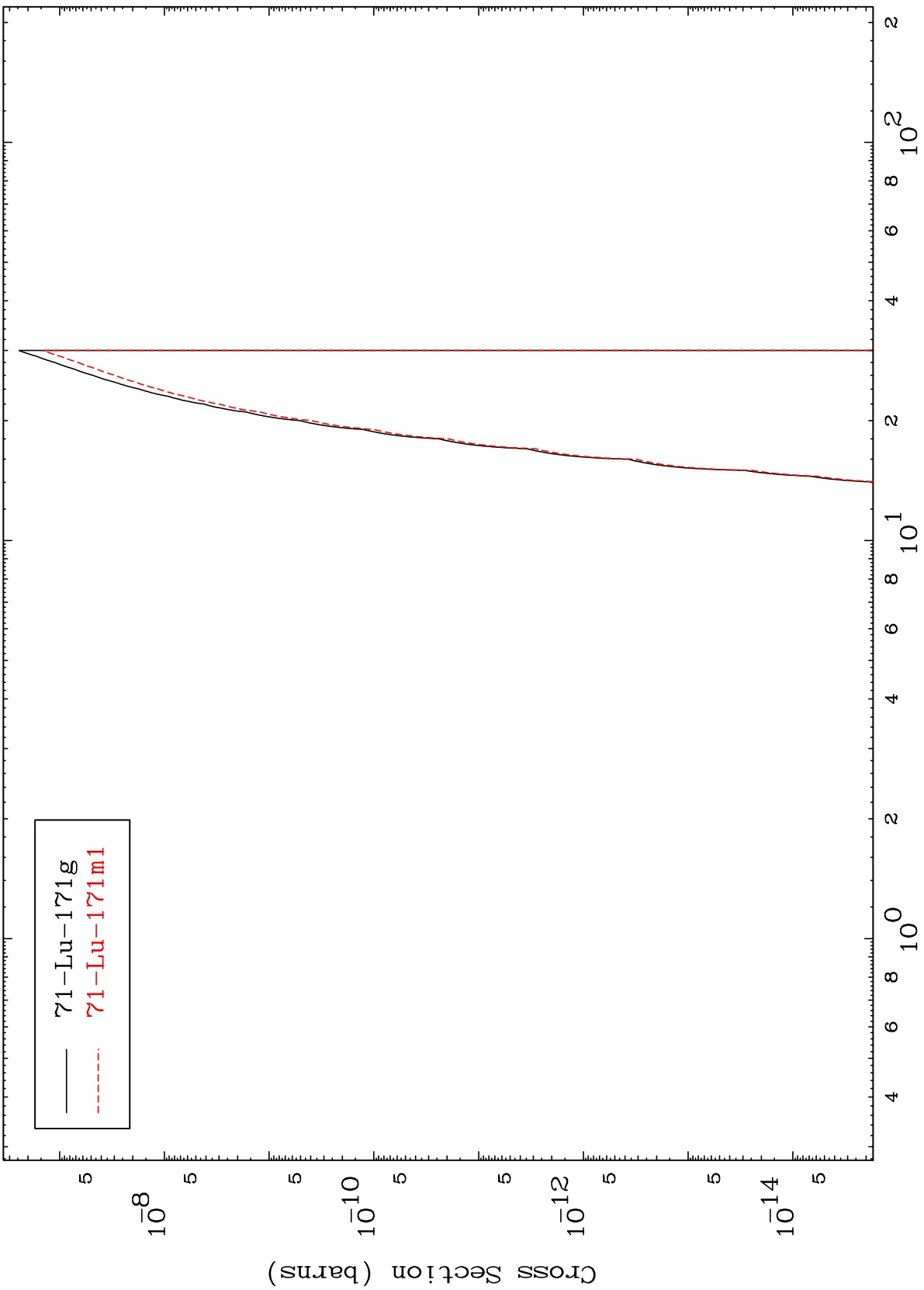


MAT 7413

(n,d) α

74-W -176

Radionuclide Production Cross Section



71-Lu-171g
71-Lu-171m1

133

Incident Energy (MeV)

74-W -176