

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

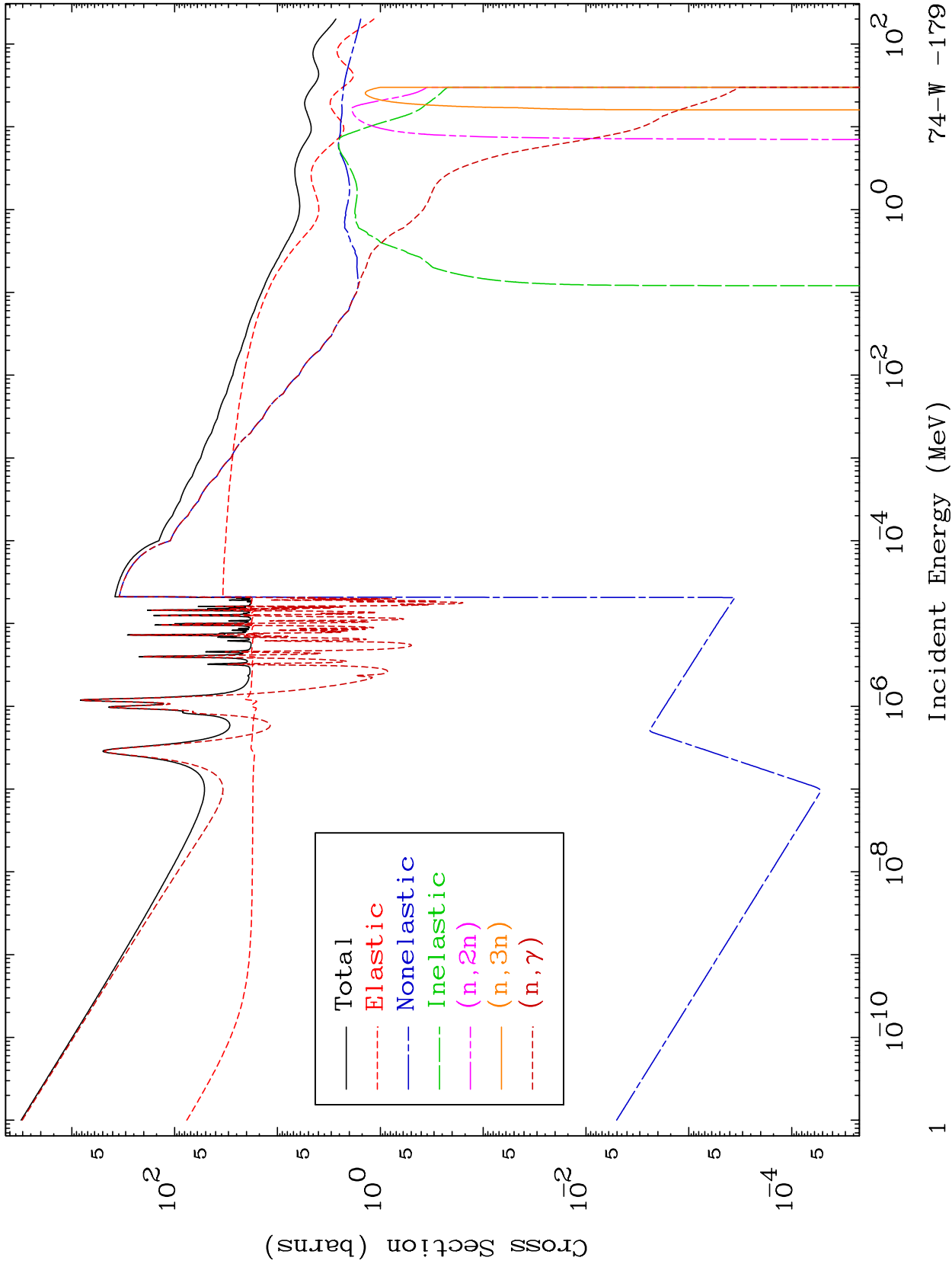
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

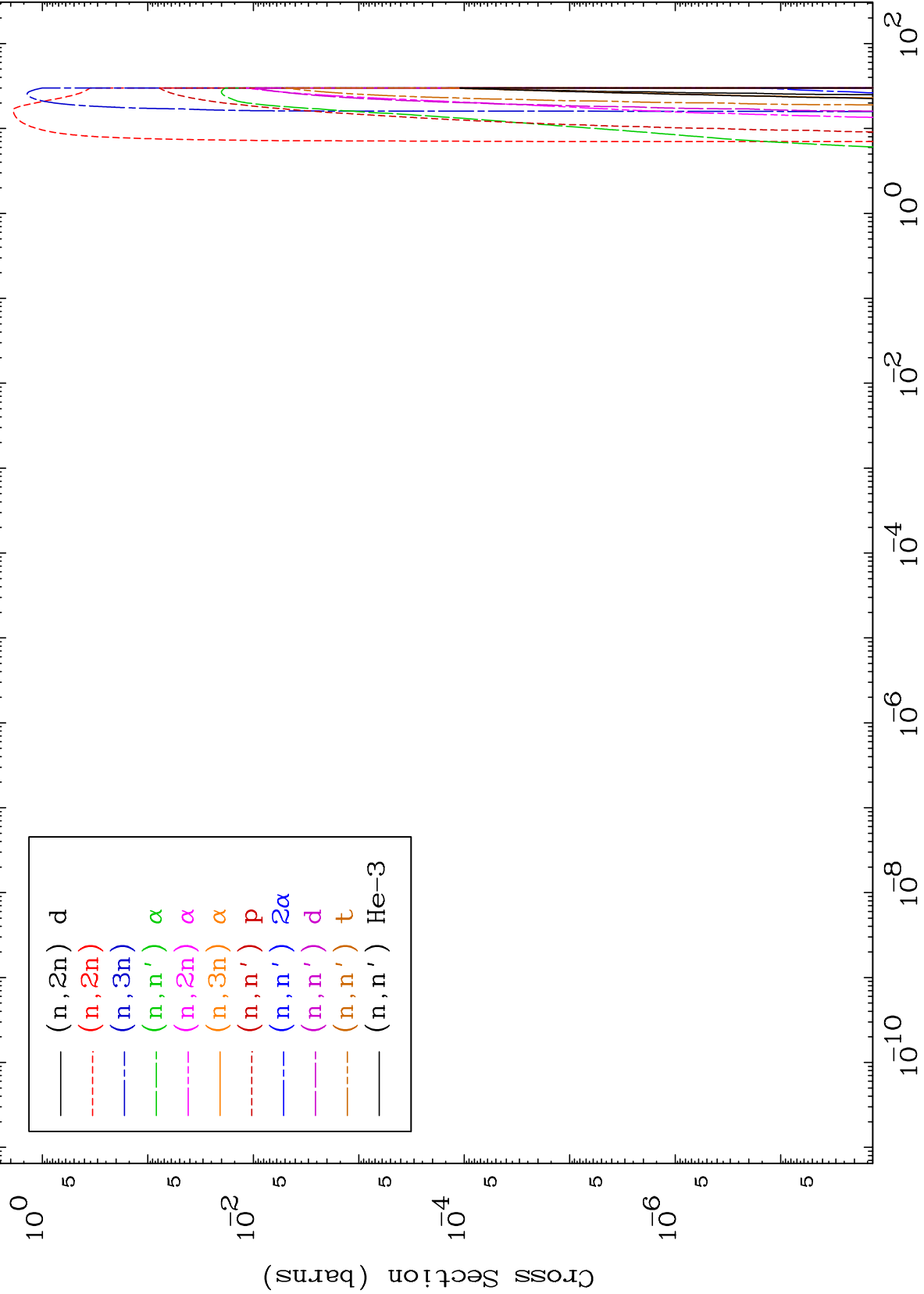
Press Mouse Button to Start

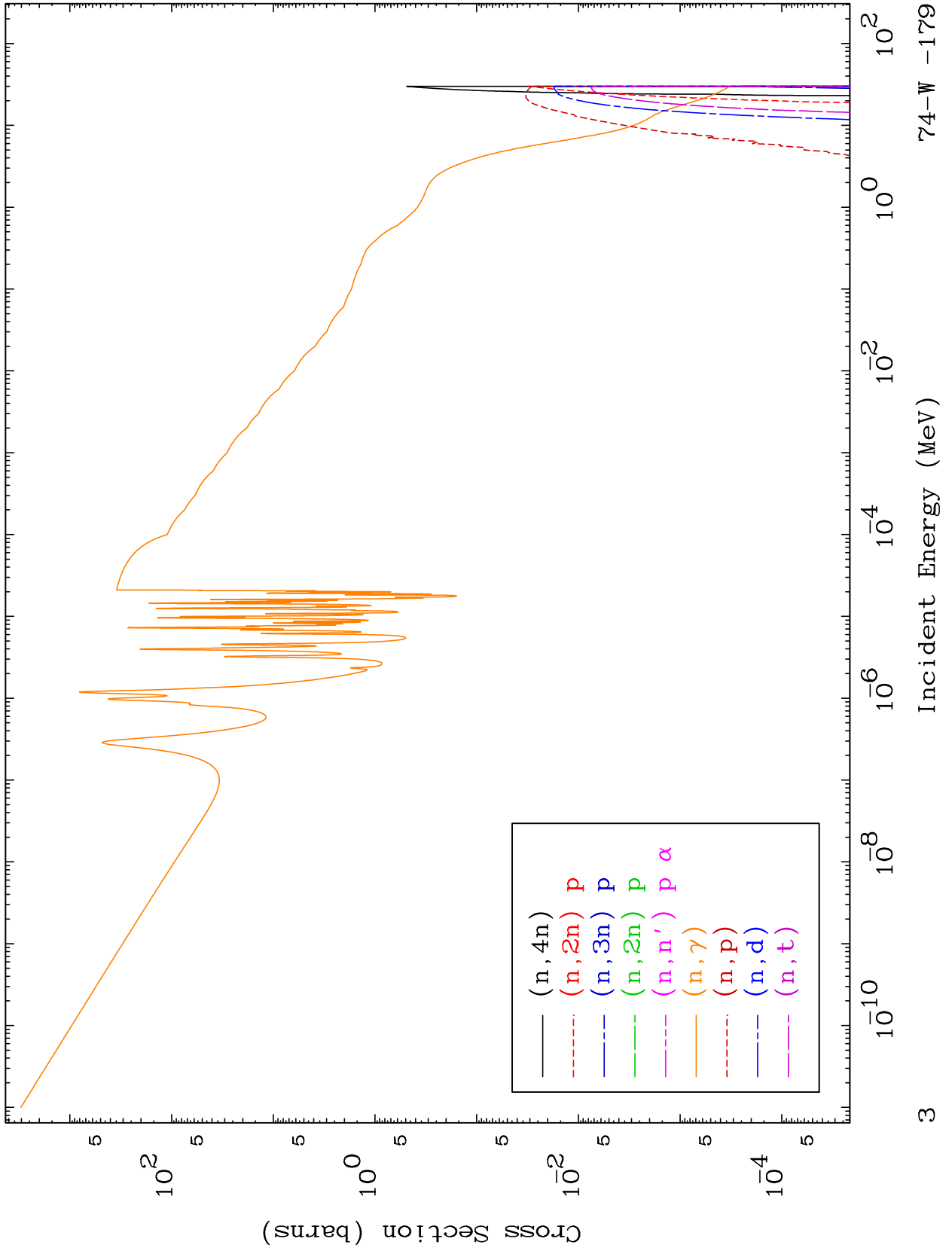


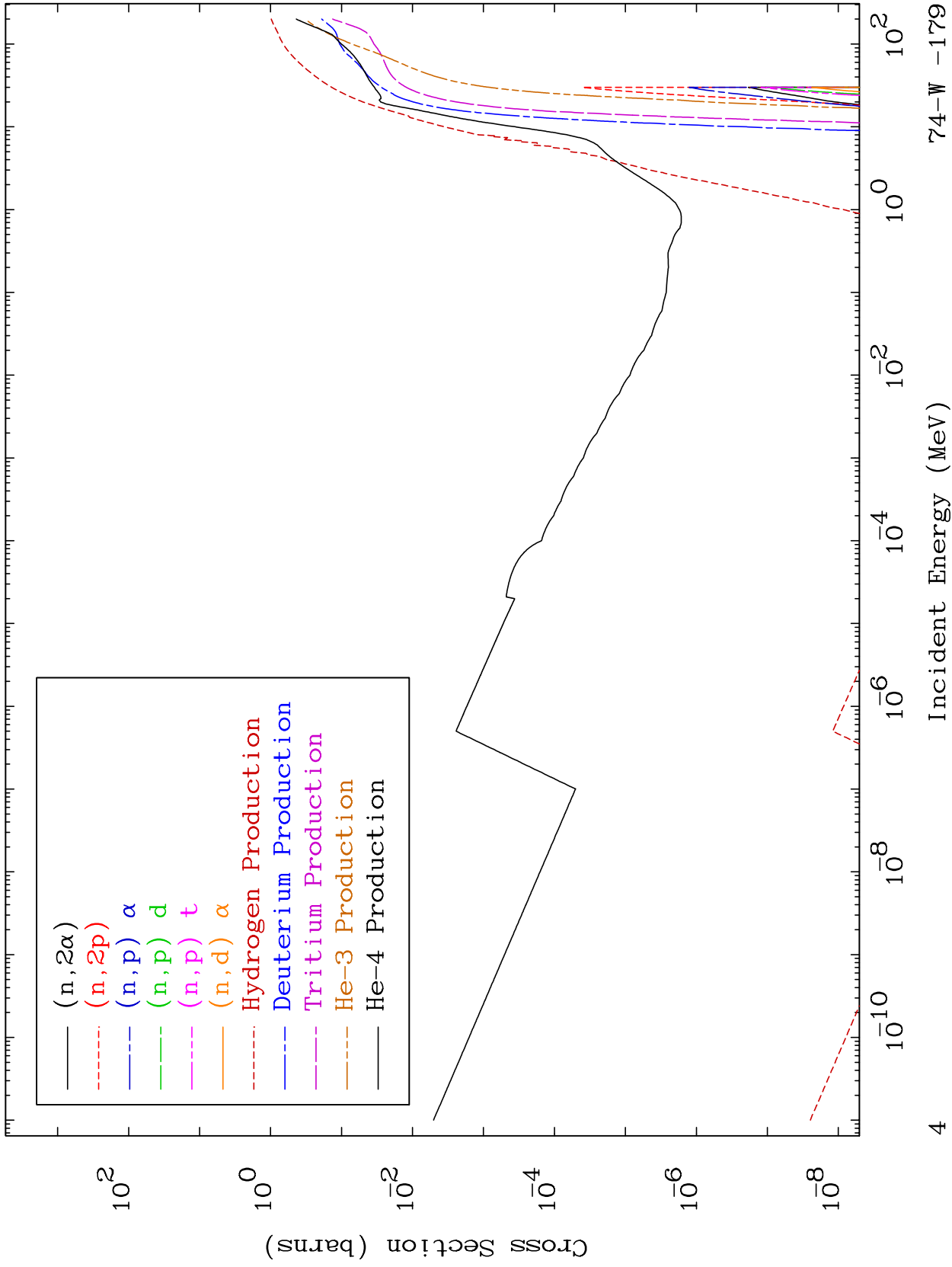
MAT 7422

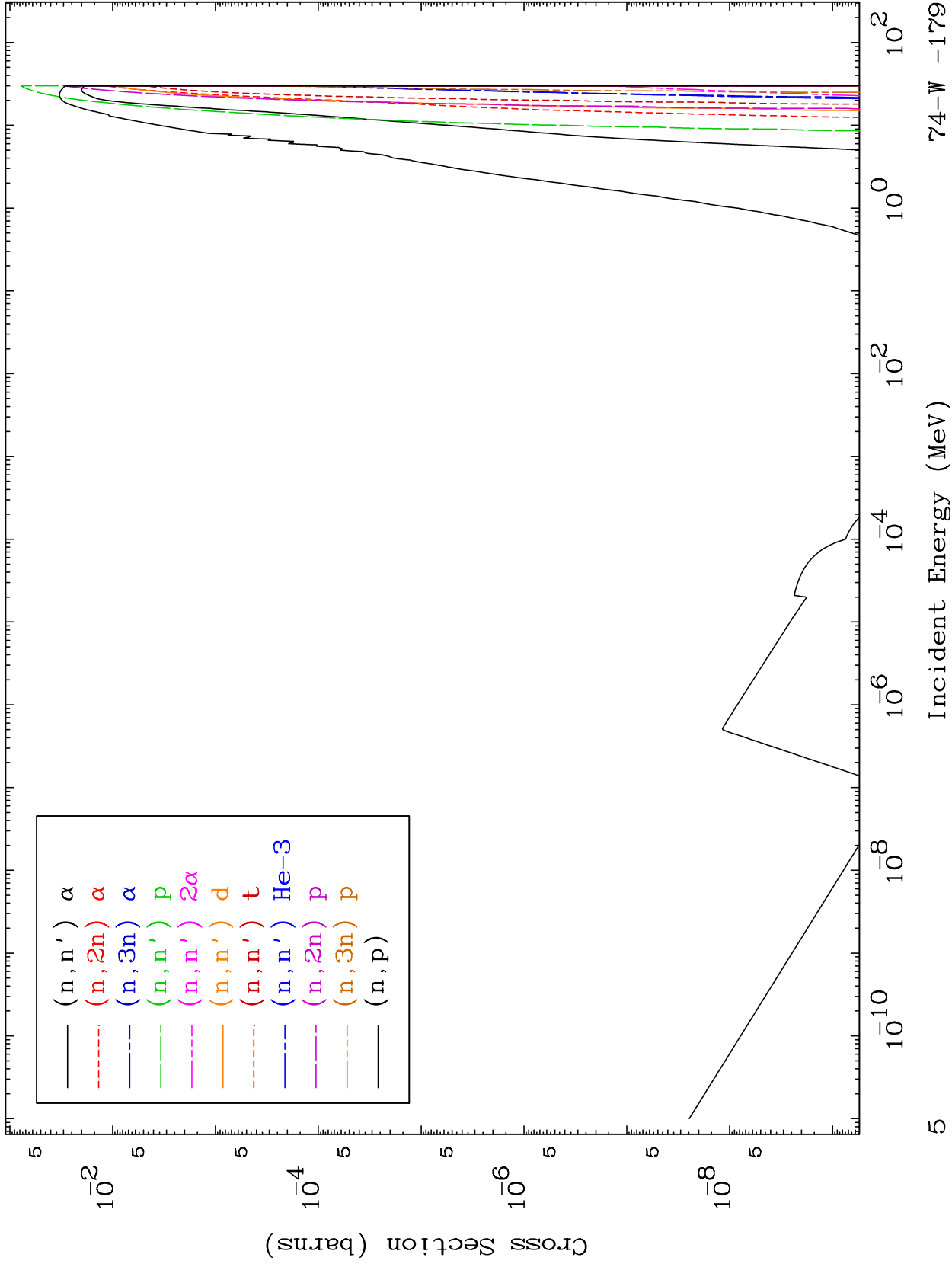
Neutron Absorption
293 Kelvin Cross Sections

74-W -179





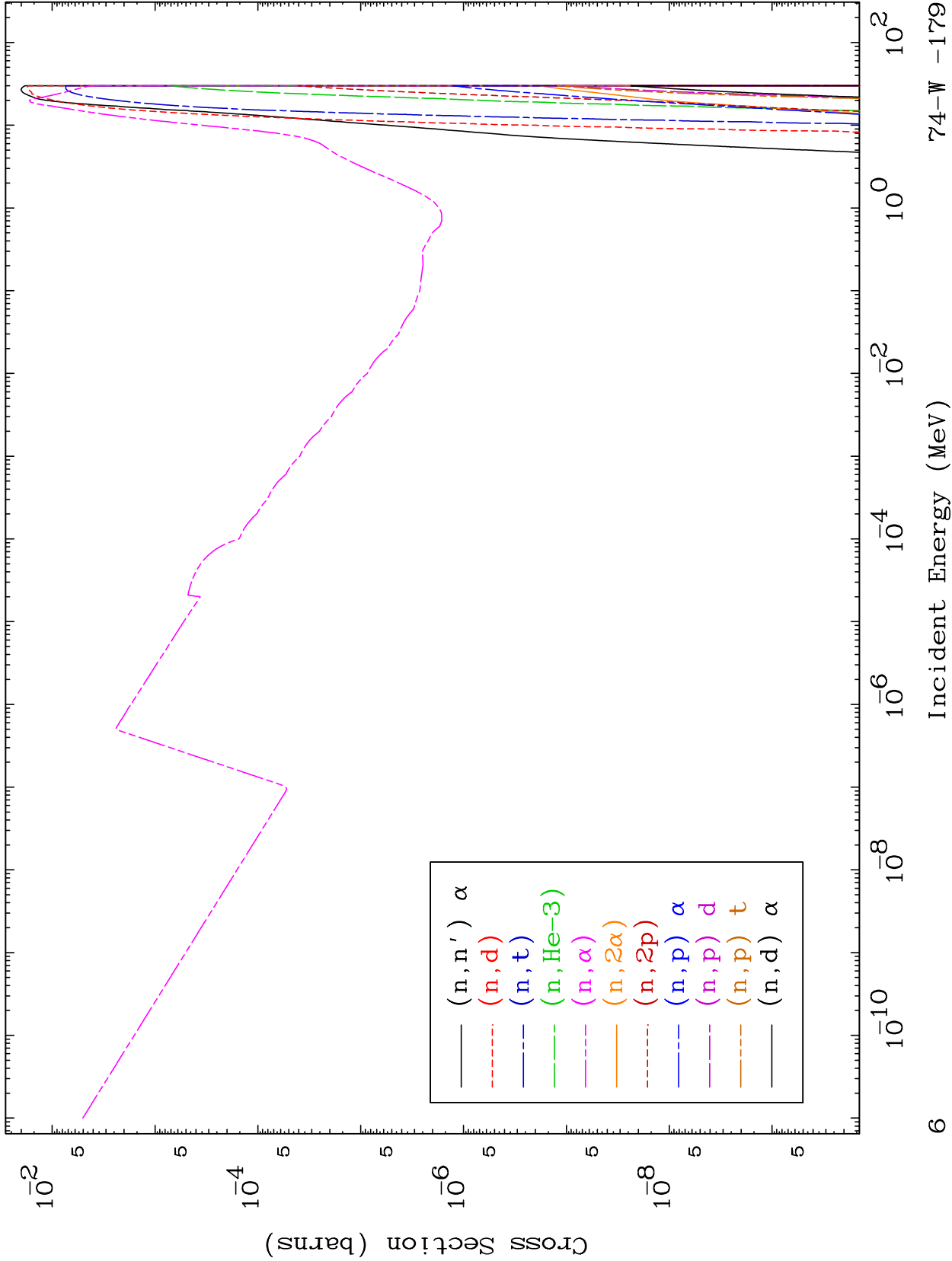


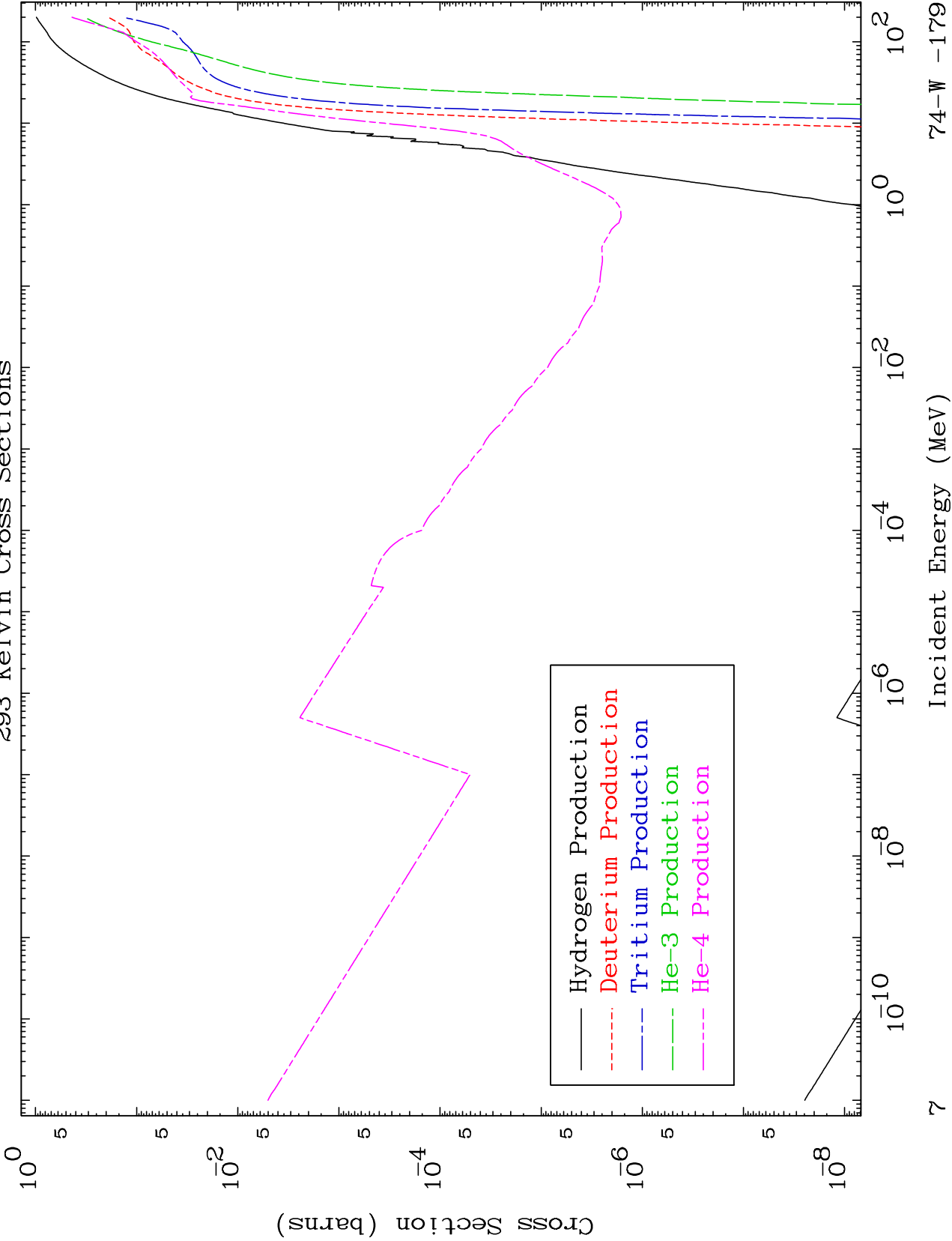


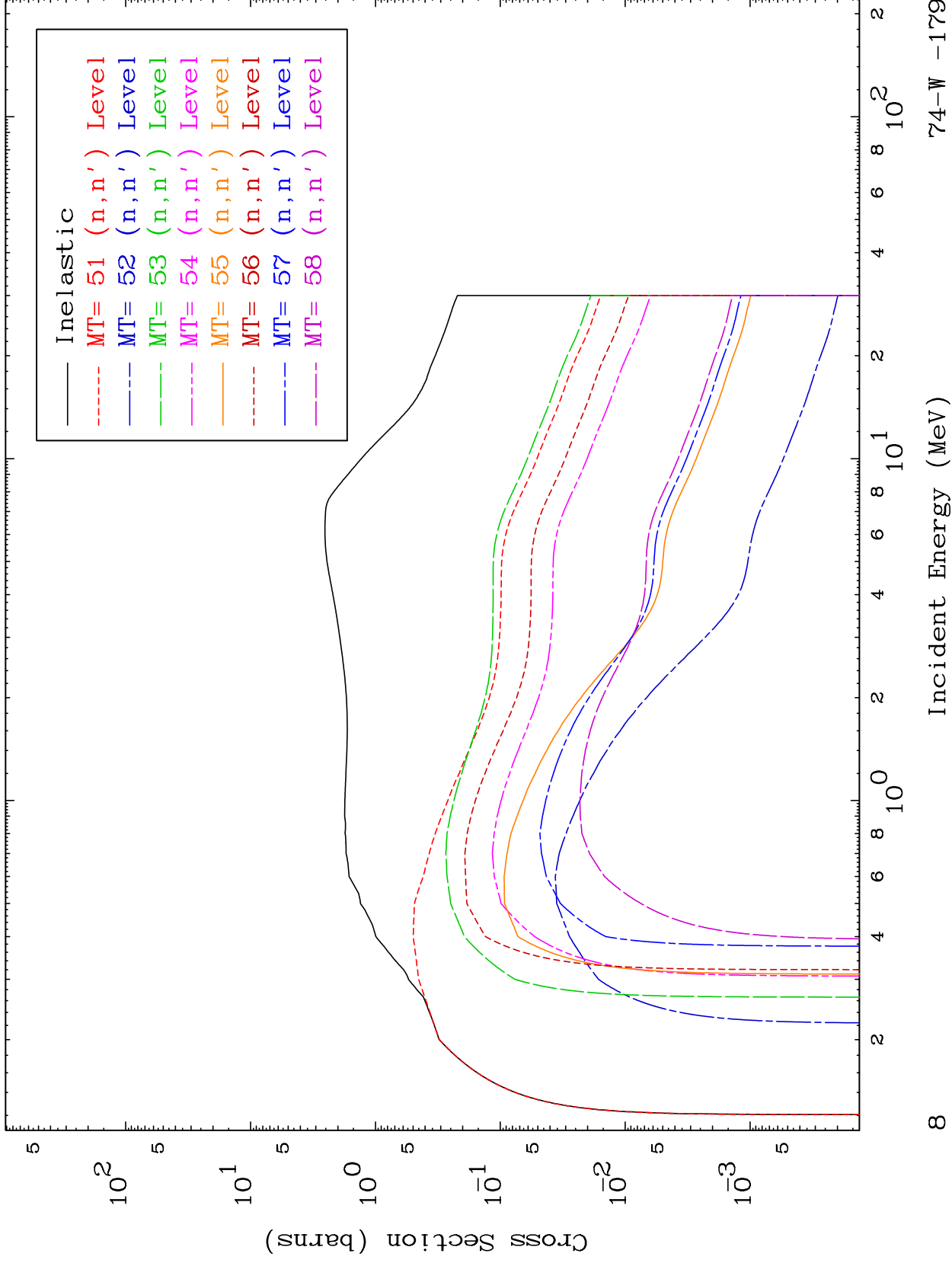
MAT 7422

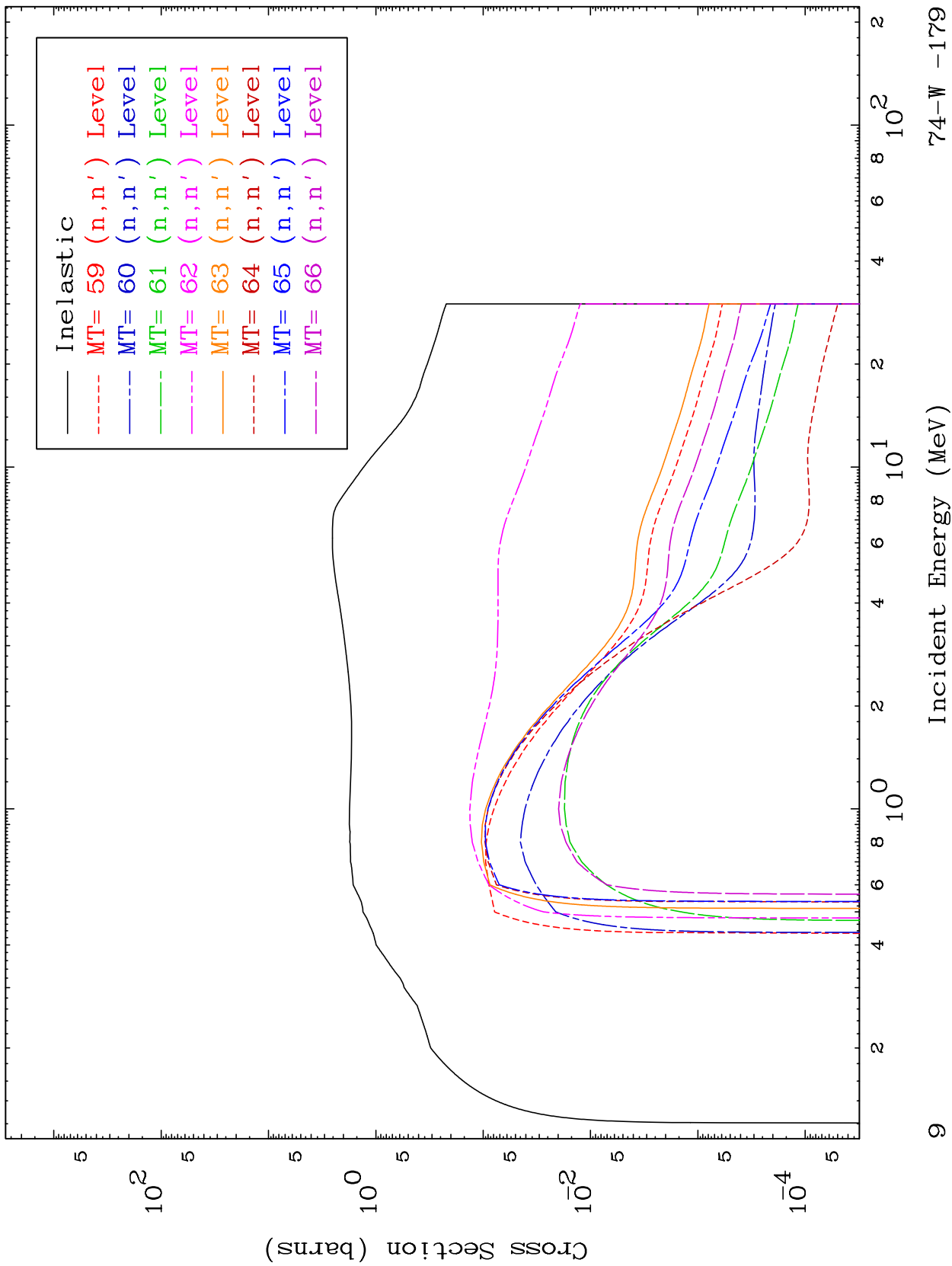
Charged Particle
293 Kelvin Cross Sections

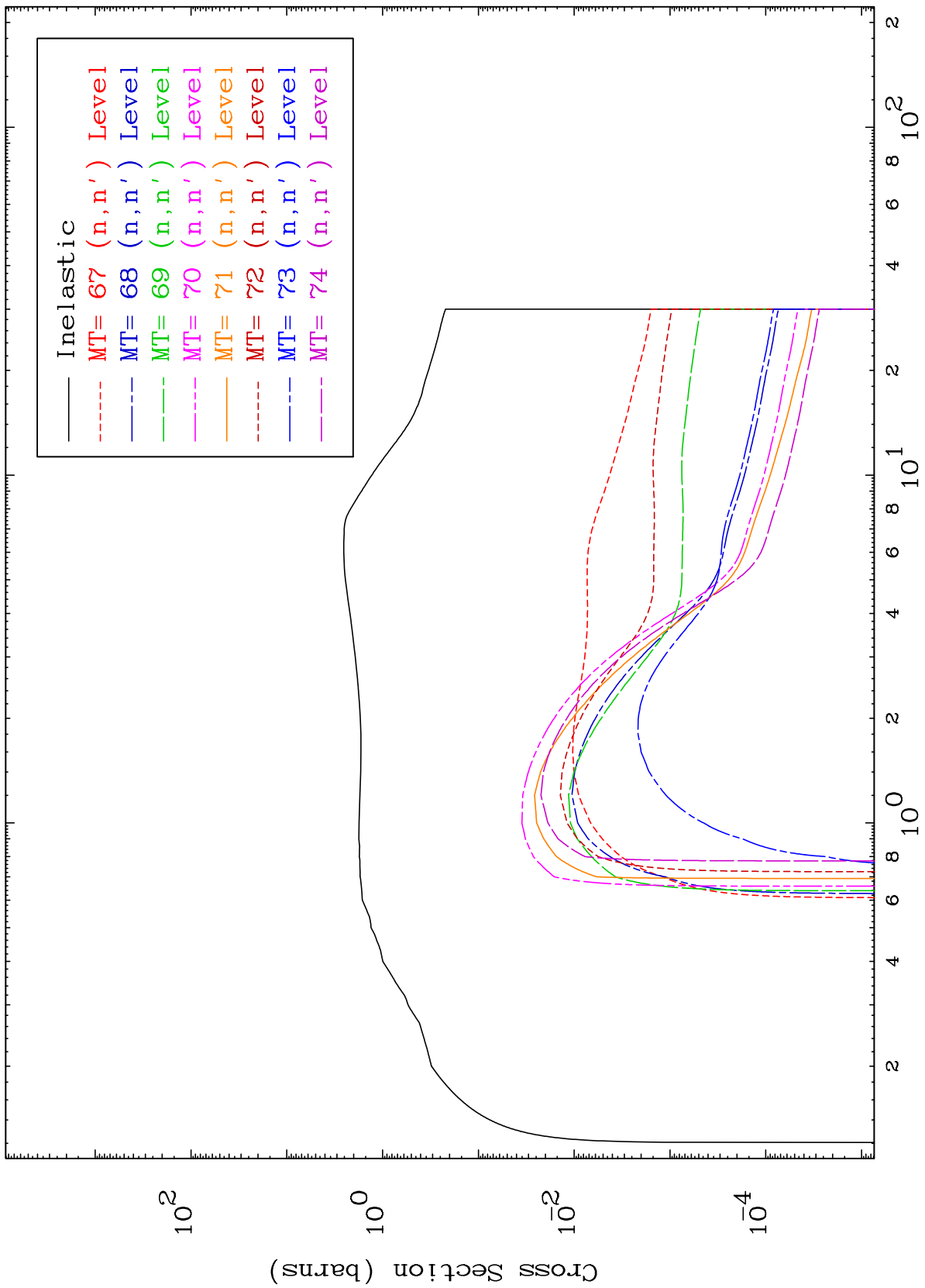
74-W -179

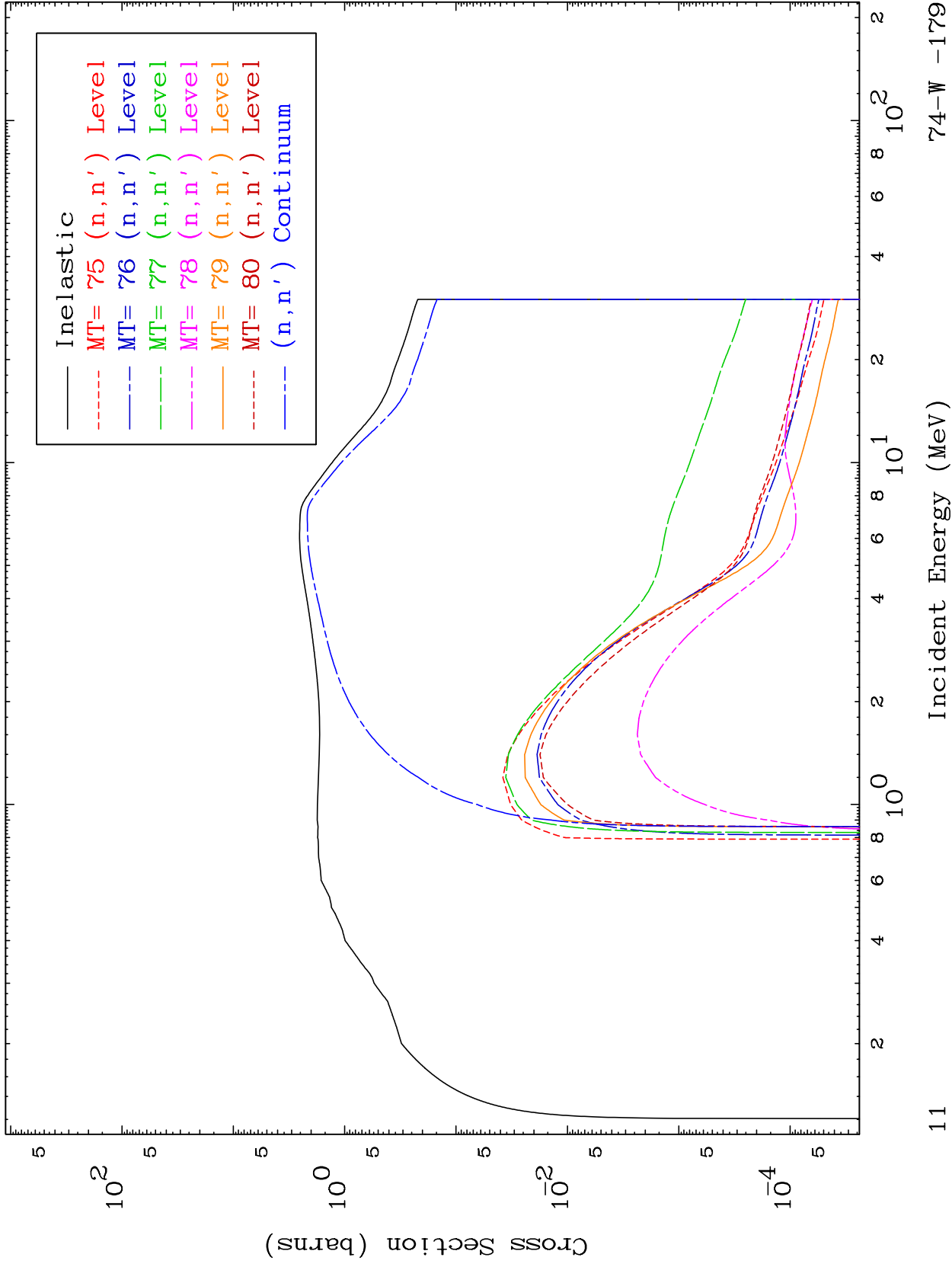








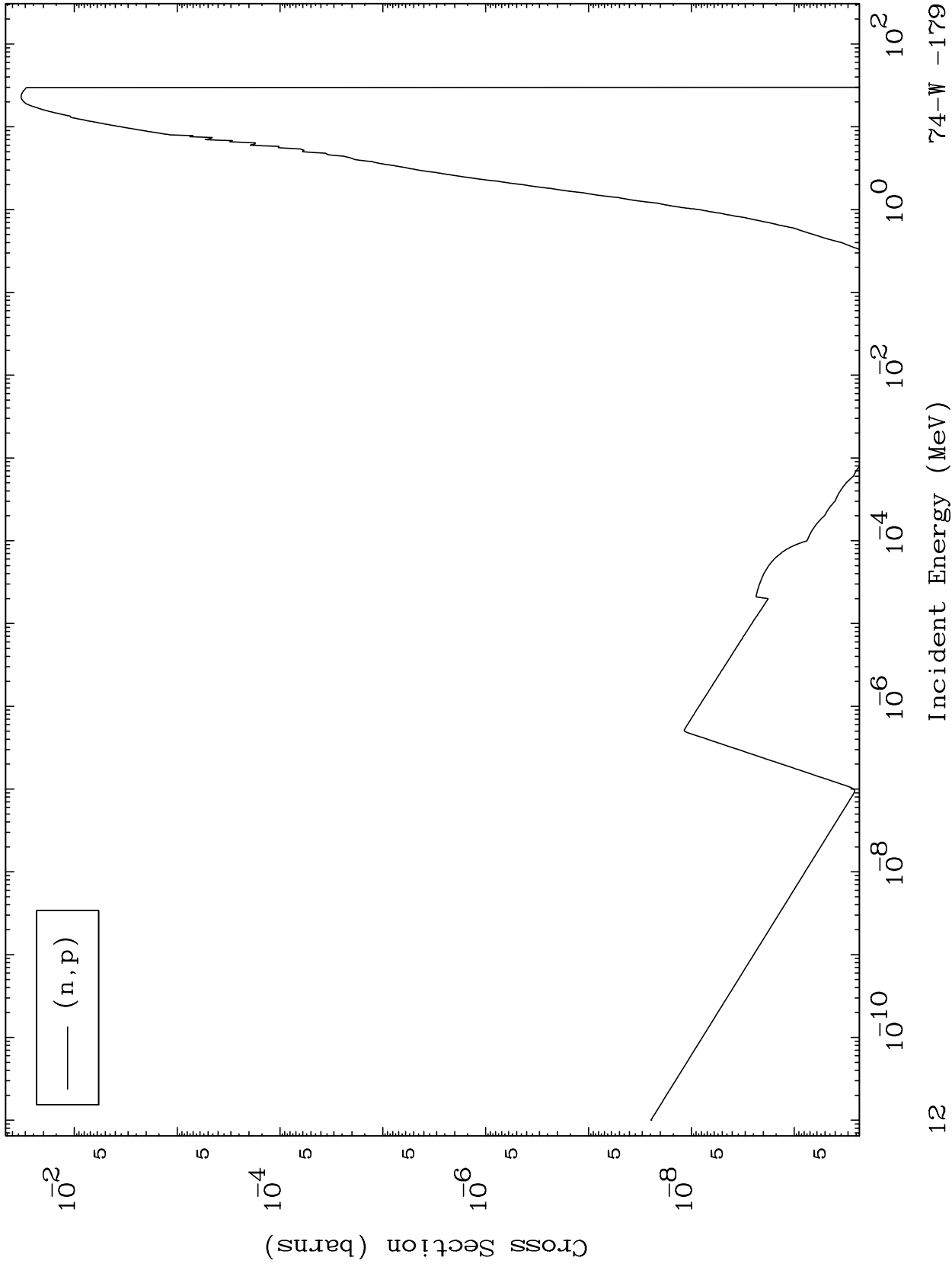


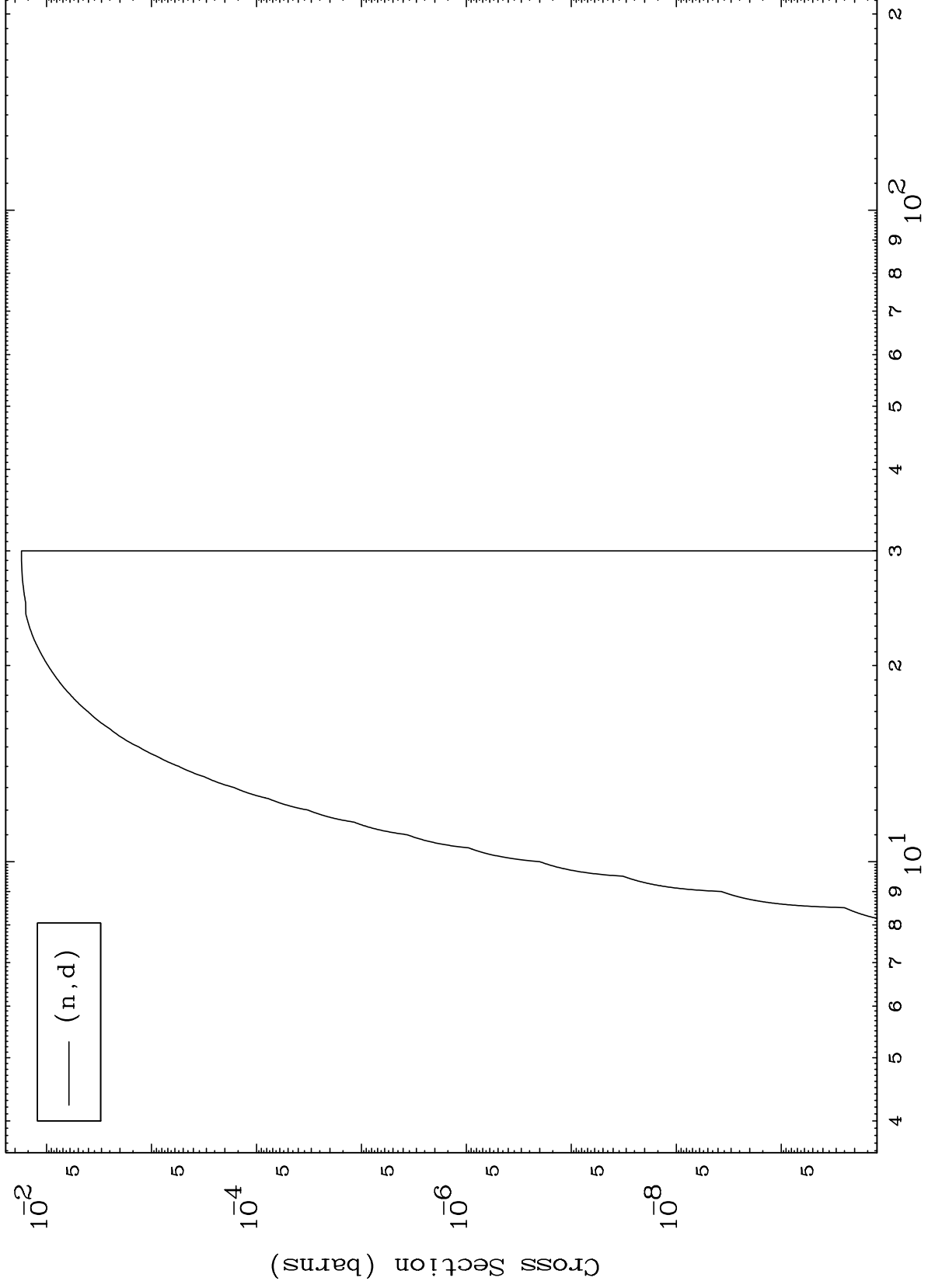


MAT 7422

(n,p) Levels
293 Kelvin Cross Sections

74-W -179

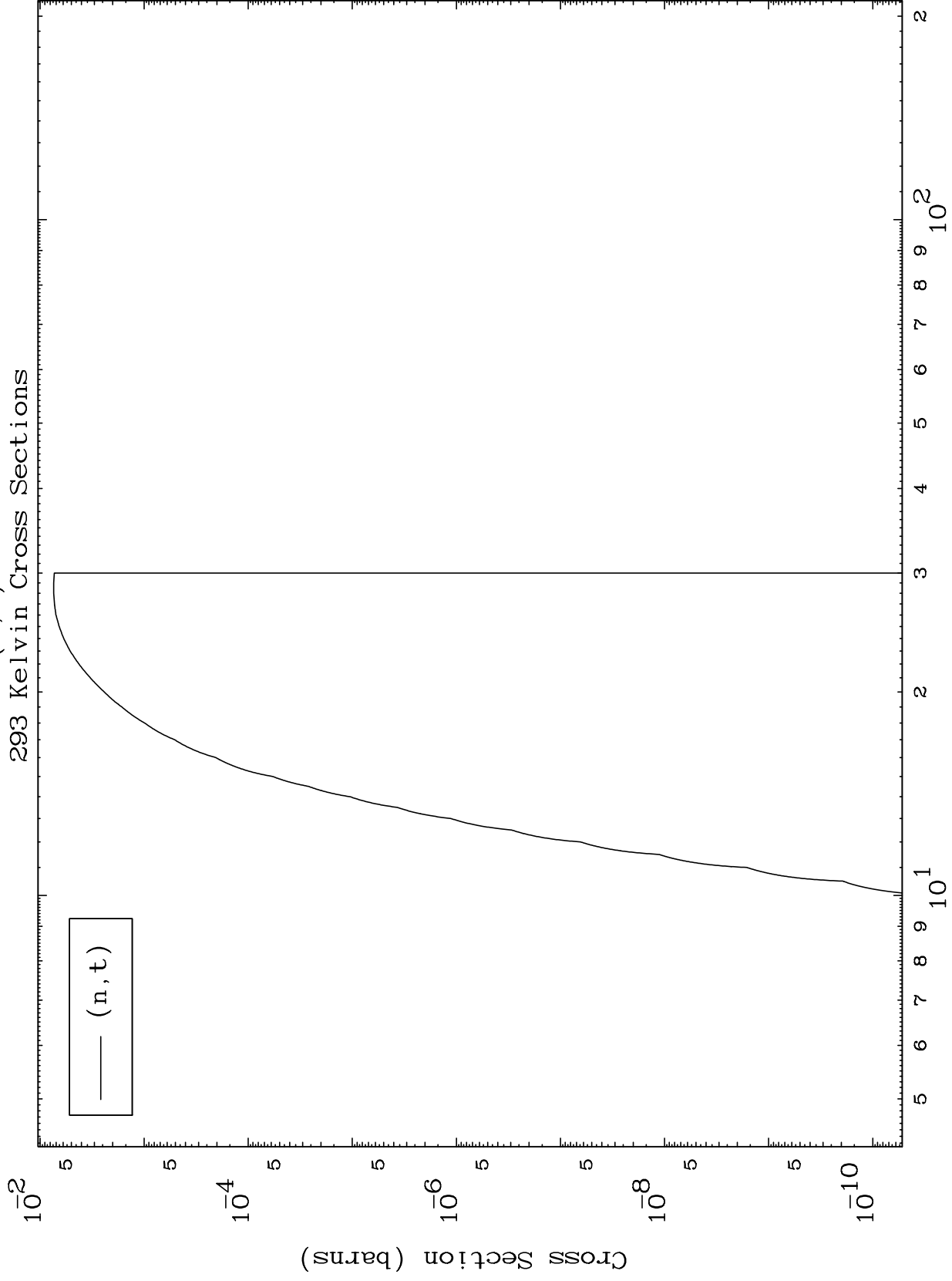




MAT 7422

(n,t) Levels
293 Kelvin Cross Sections

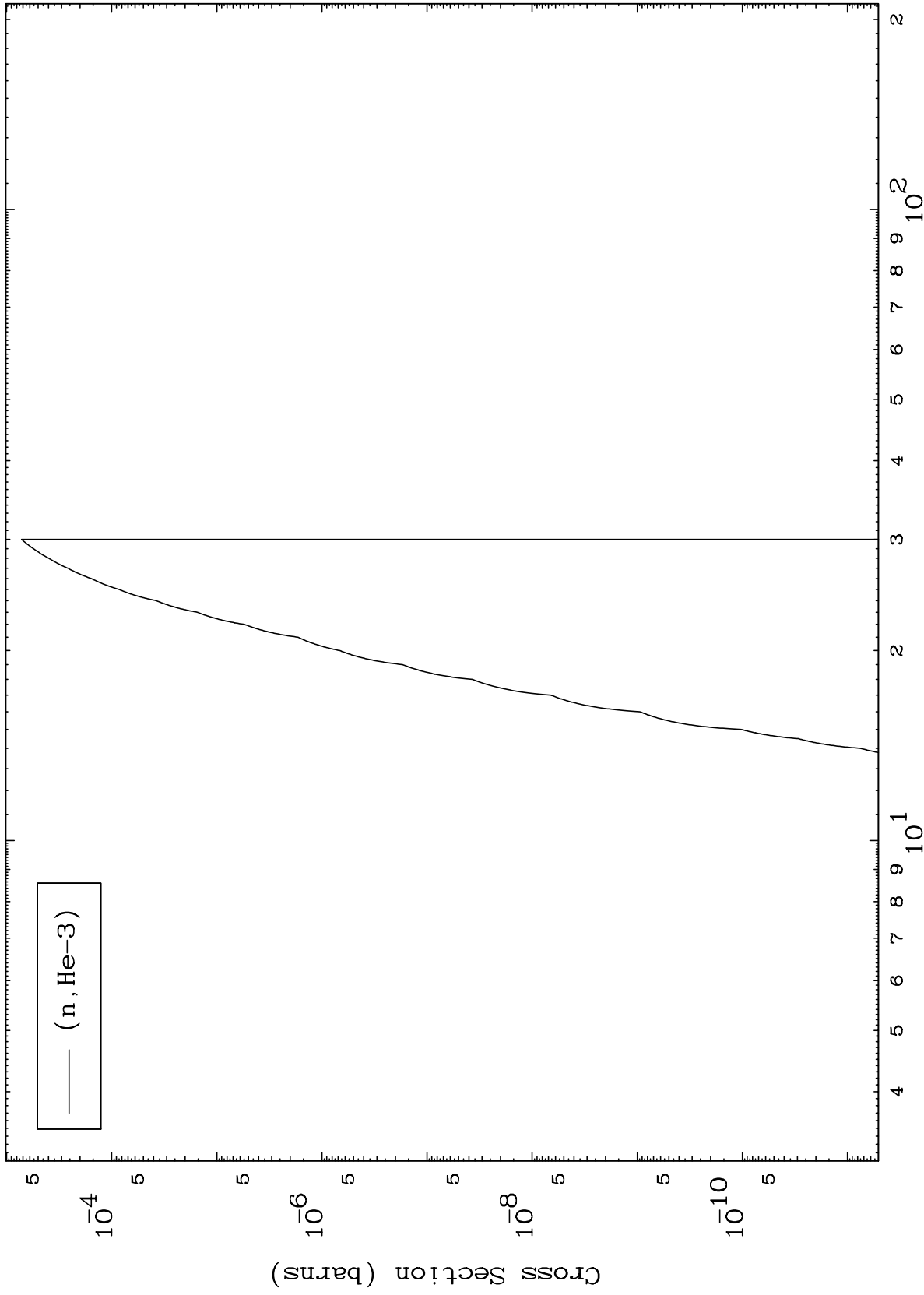
74-W -179



14

Incident Energy (MeV)

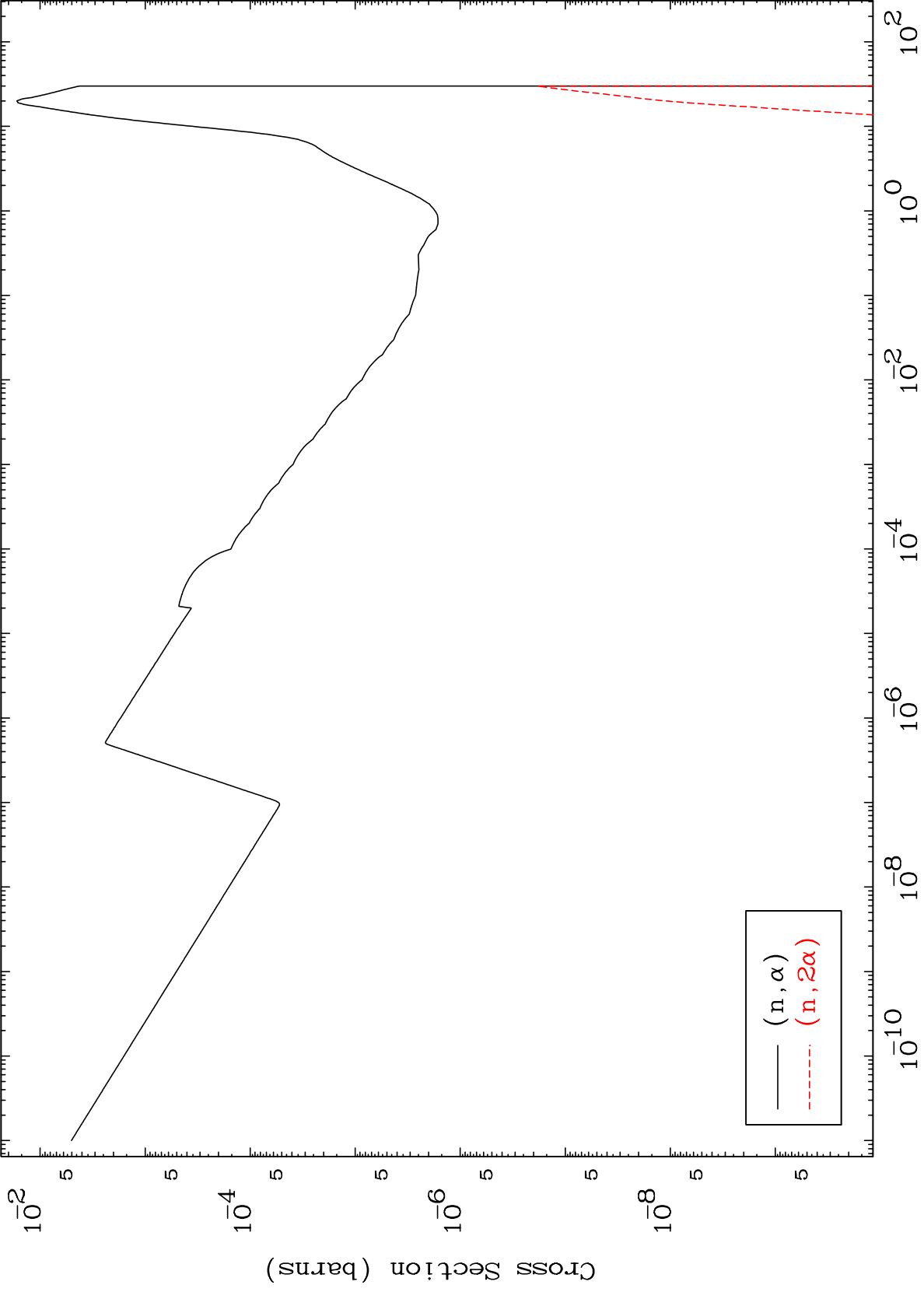
74-W -179



MAT 7422

(n, α) Levels
293 Kelvin Cross Sections

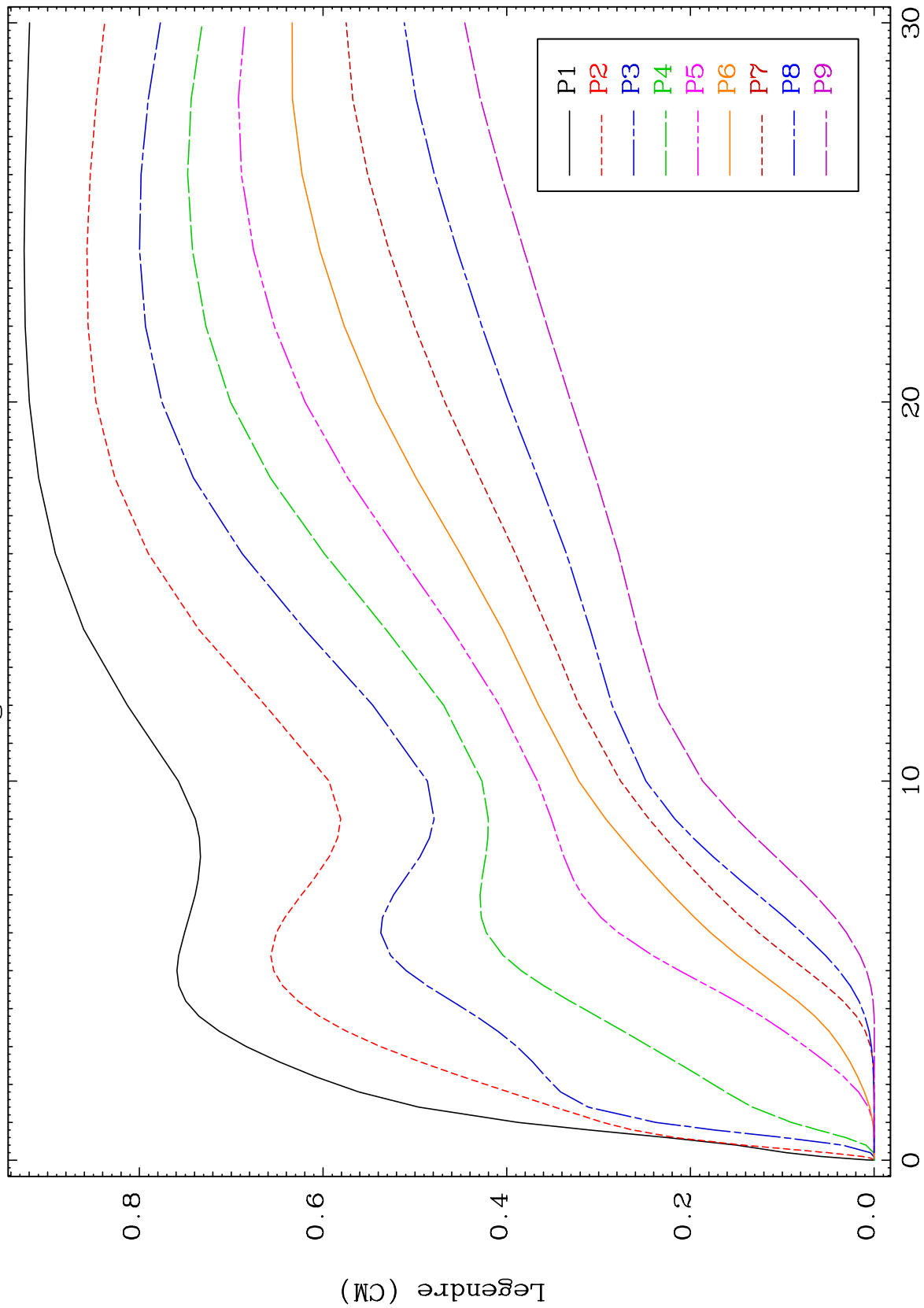
74-W -179



MAT 7422

Elastic Legendre Coefficients

74-W -179



17

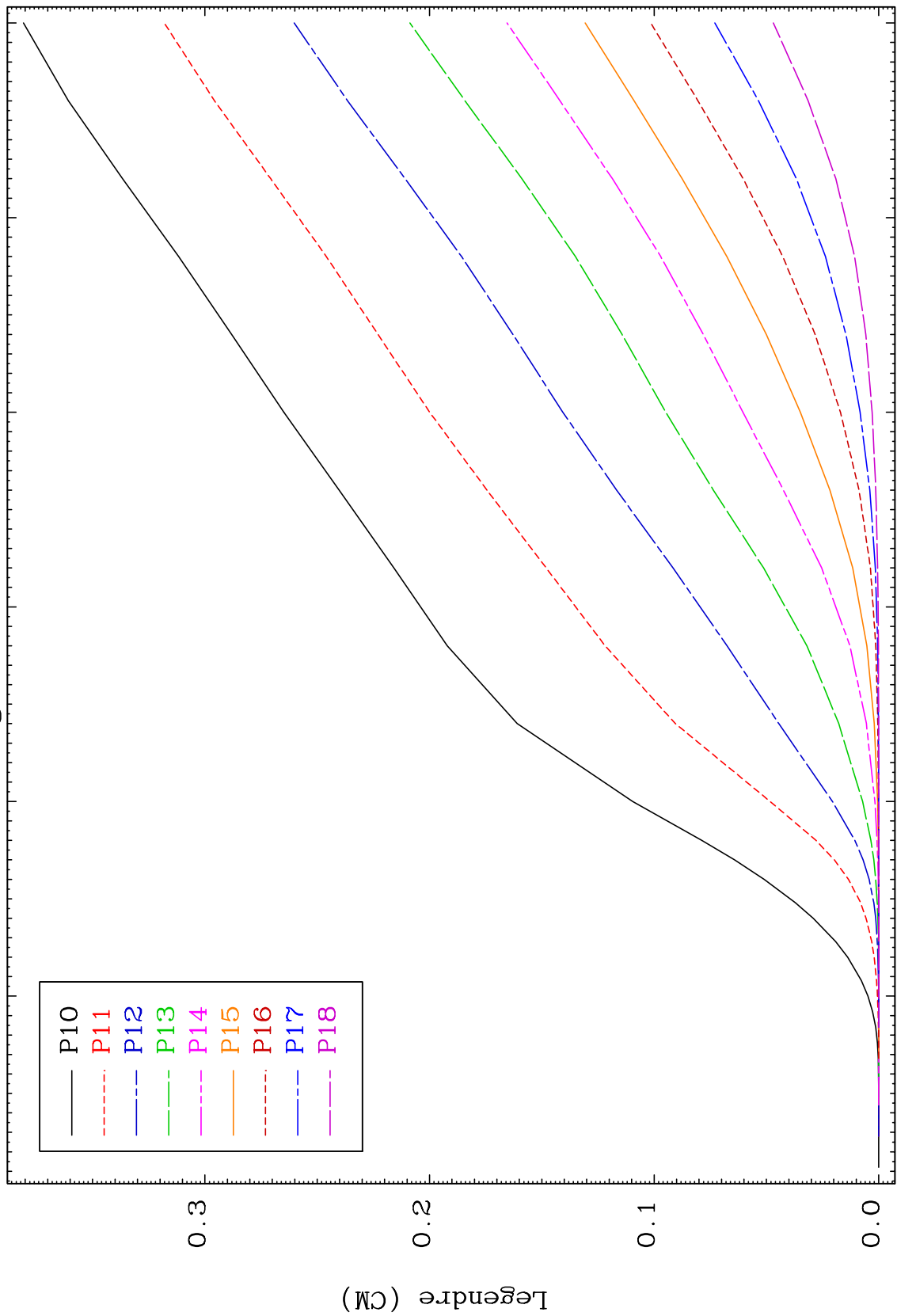
Incident Energy (MeV)

74-W -179

MAT 7422

Elastic Legendre Coefficients

74-W -179



18

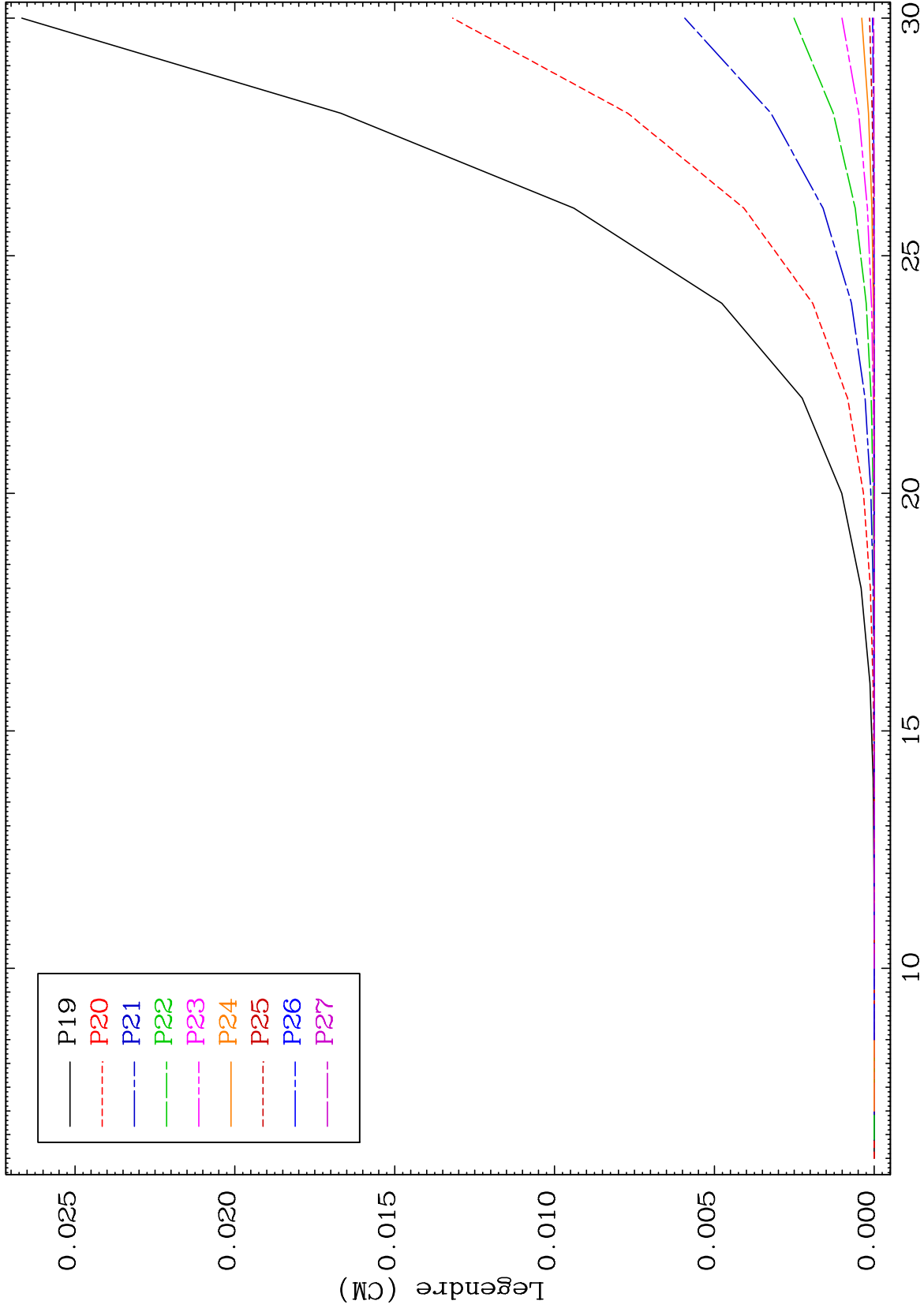
Incident Energy (MeV)

74-W -179

MAT 7422

Elastic Legendre Coefficients

74-W -179



19

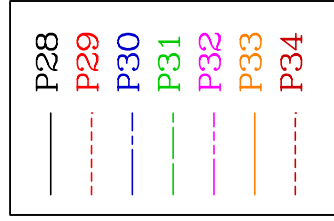
Incident Energy (MeV)

74-W -179

MAT 7422

Elastic
Legendre Coefficients

74-W -179



$\times 10^{-6}$

Legendre (CM)

4

2

0

15

20

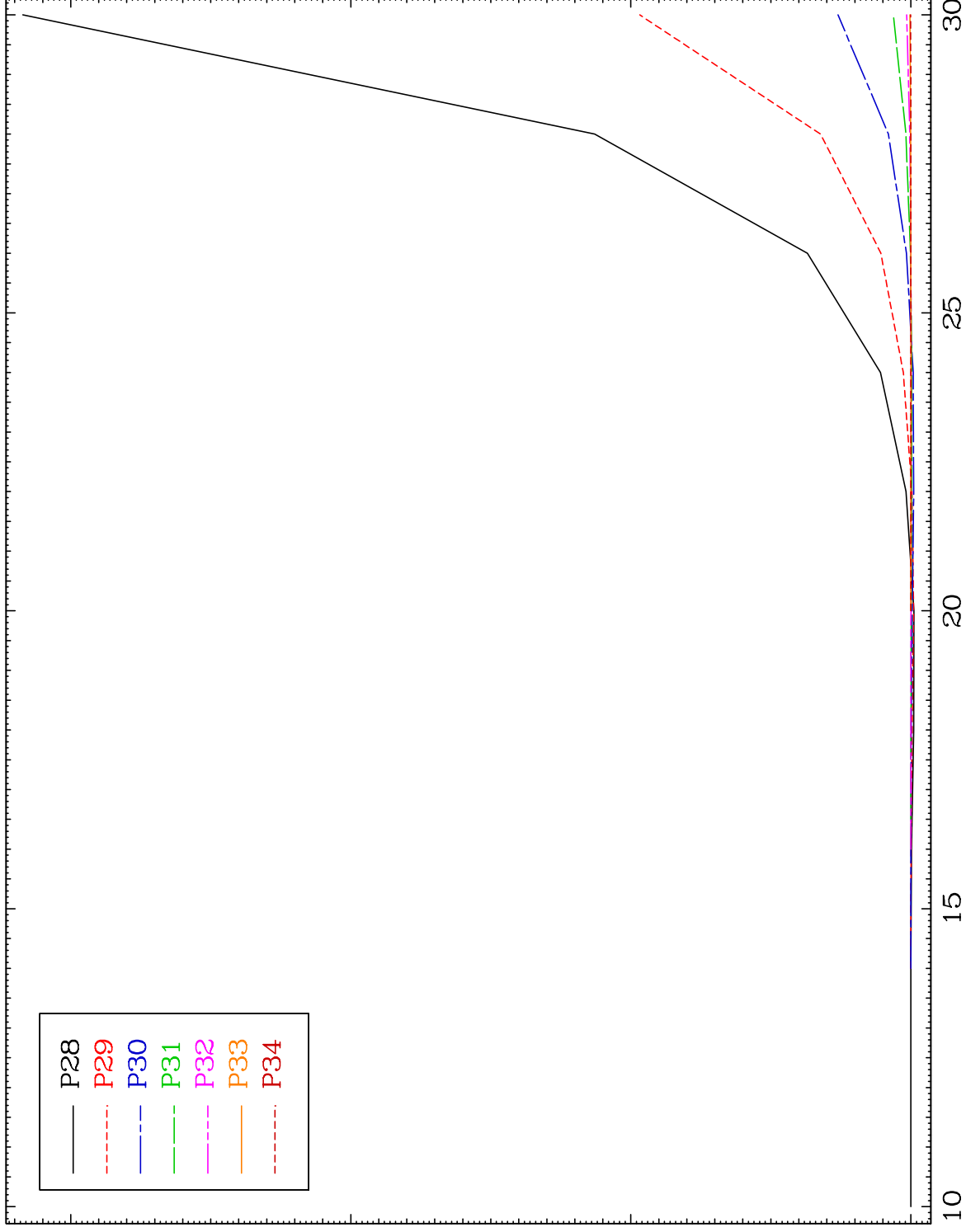
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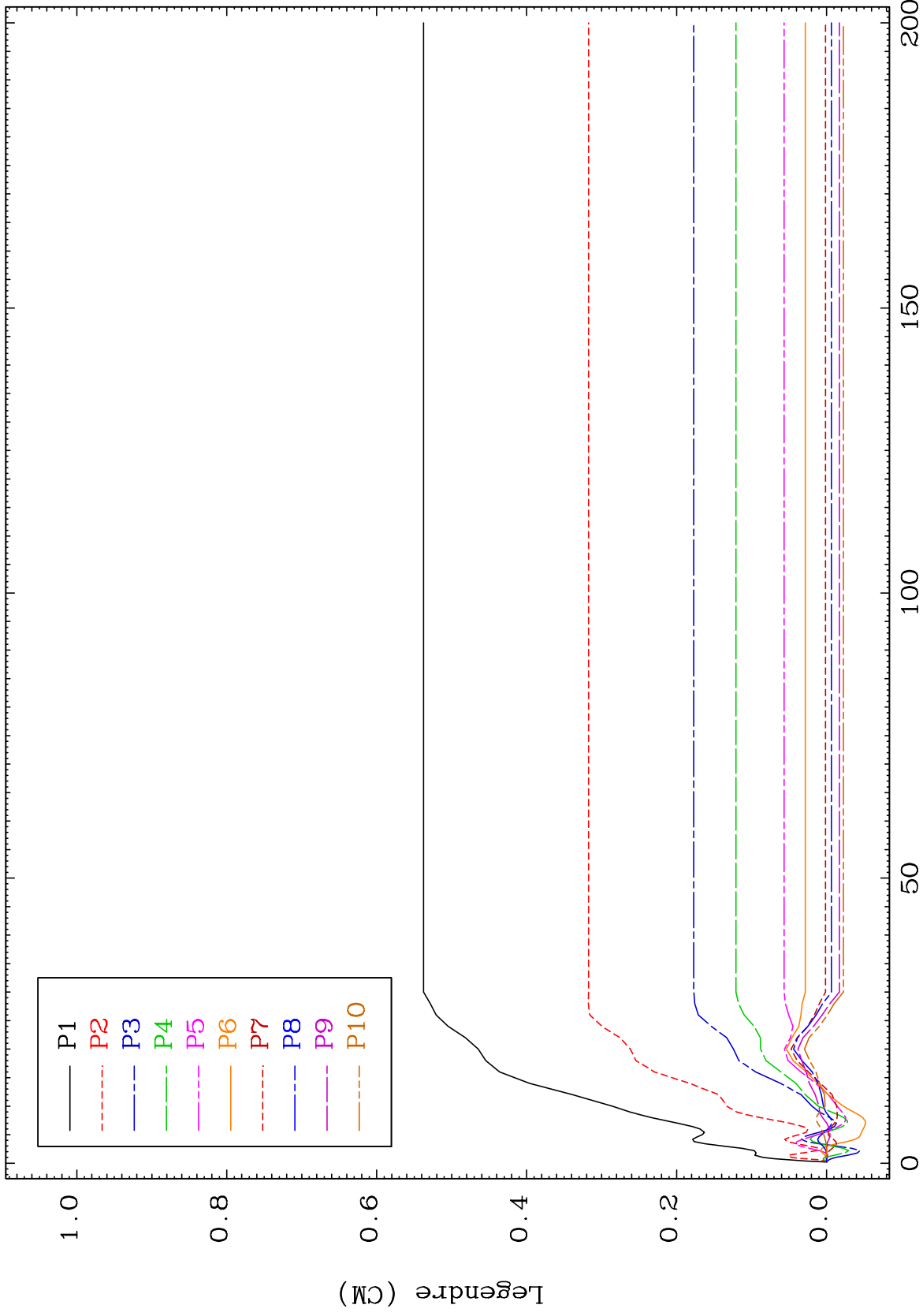
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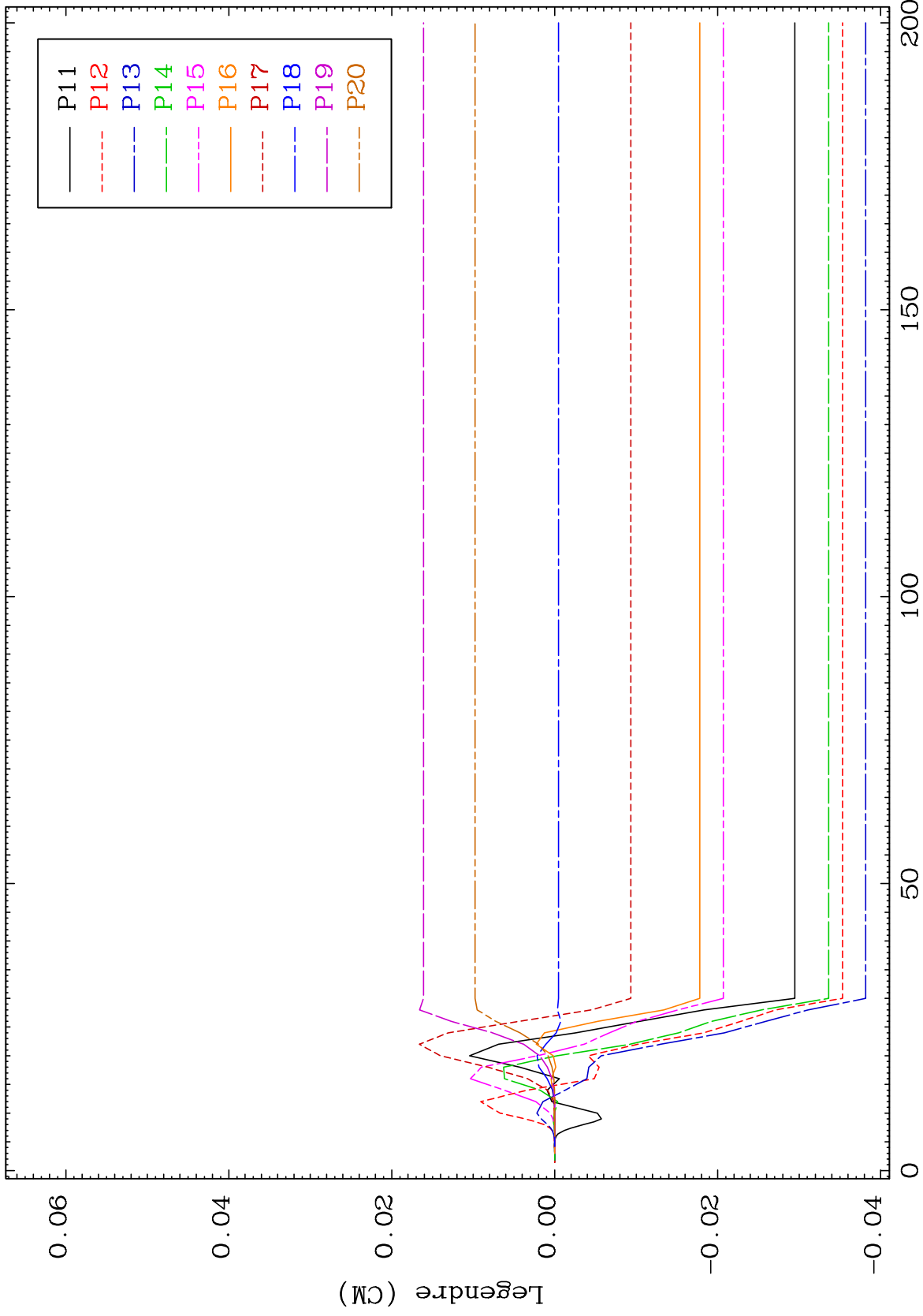
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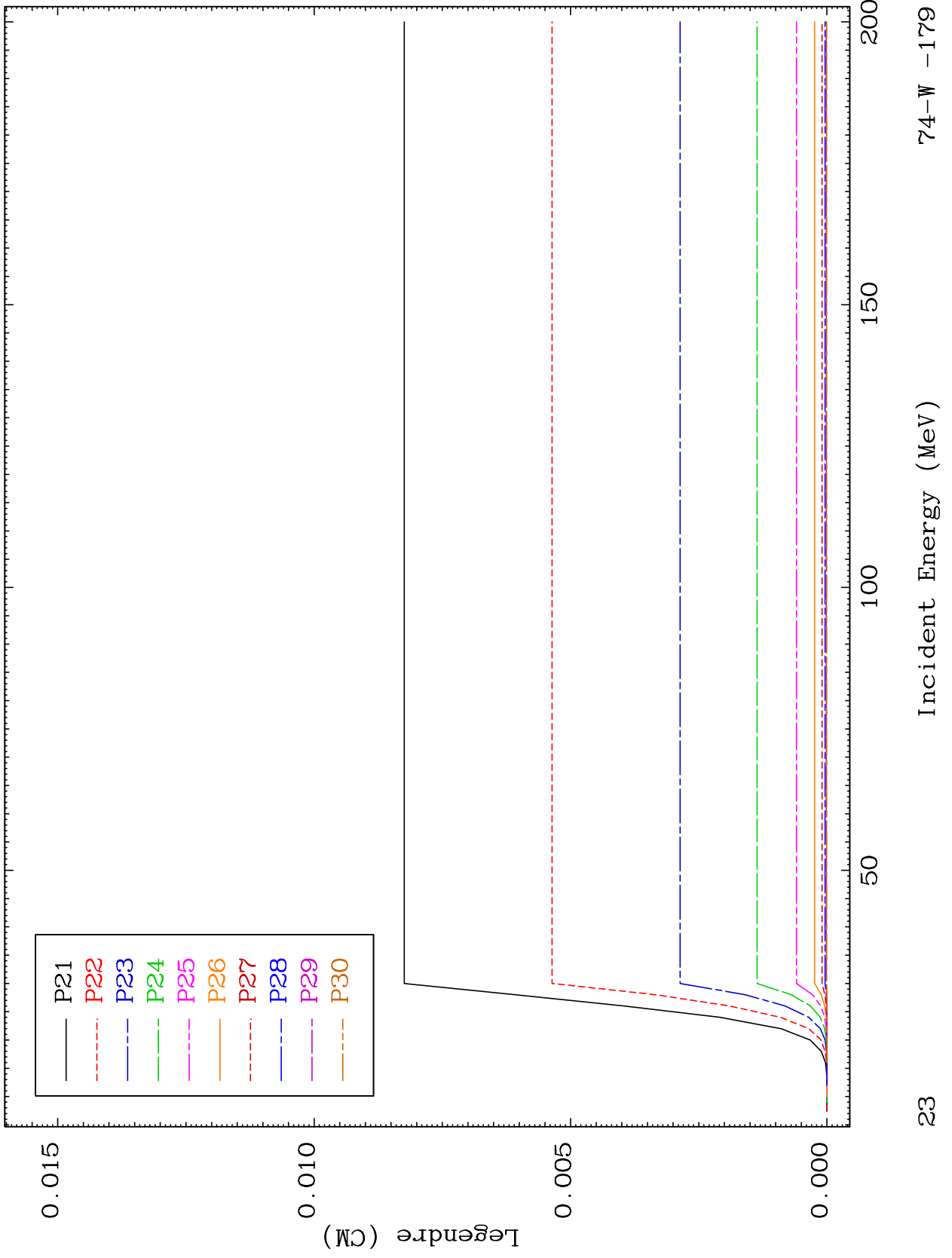
Incident Energy (MeV)

74-W -179





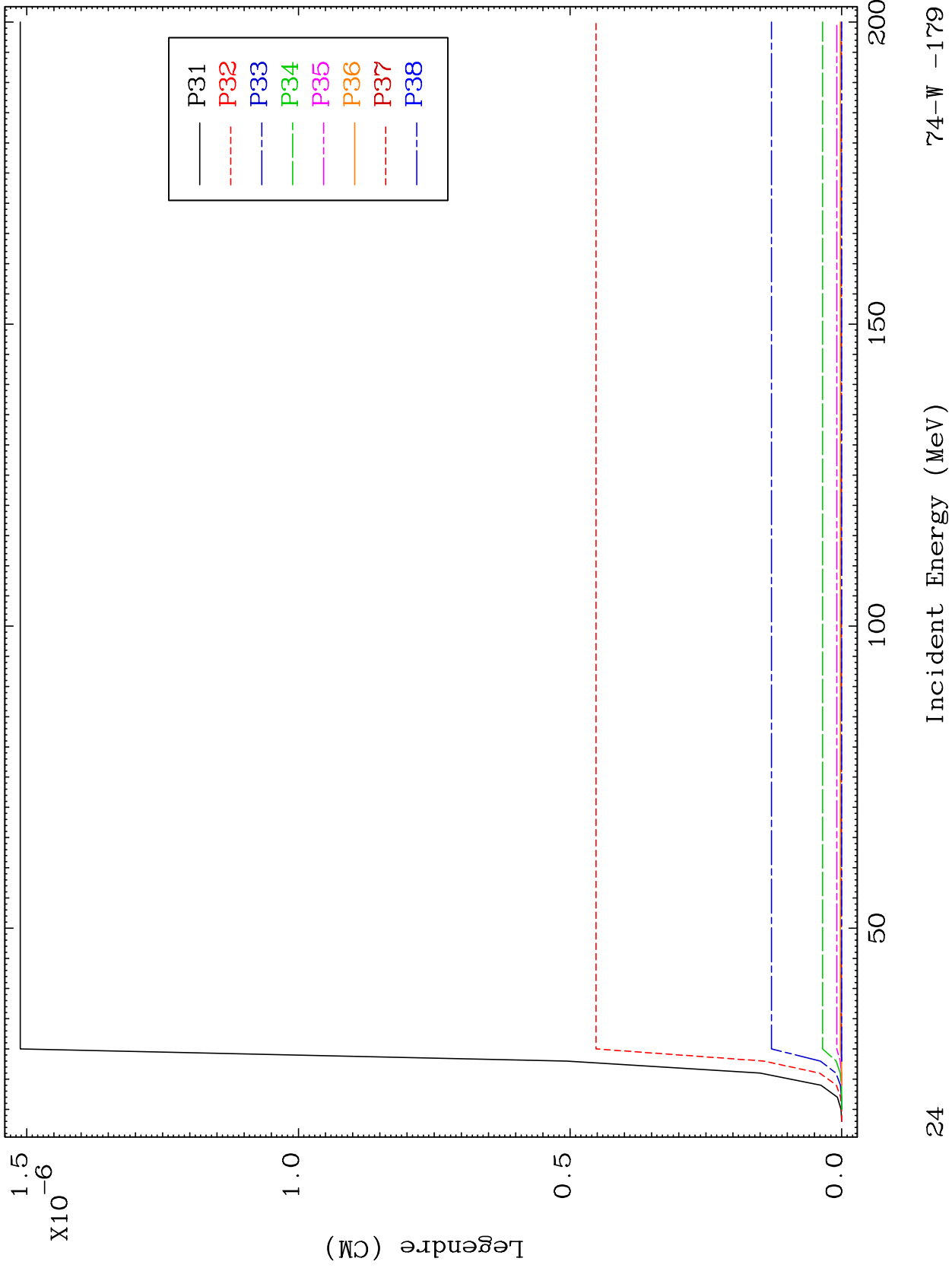




MAT 7422

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

74-W -179



24

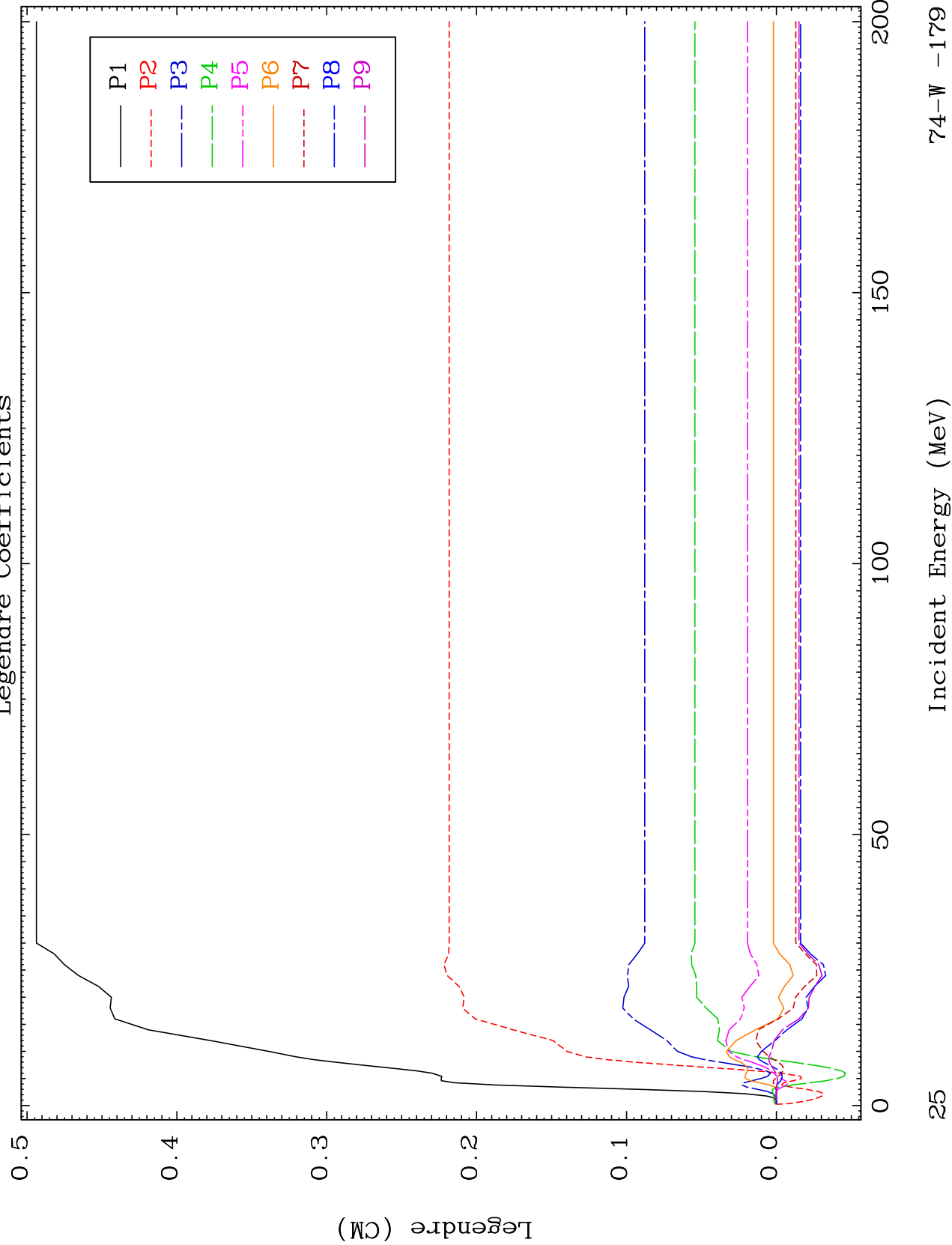
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



74-W -179

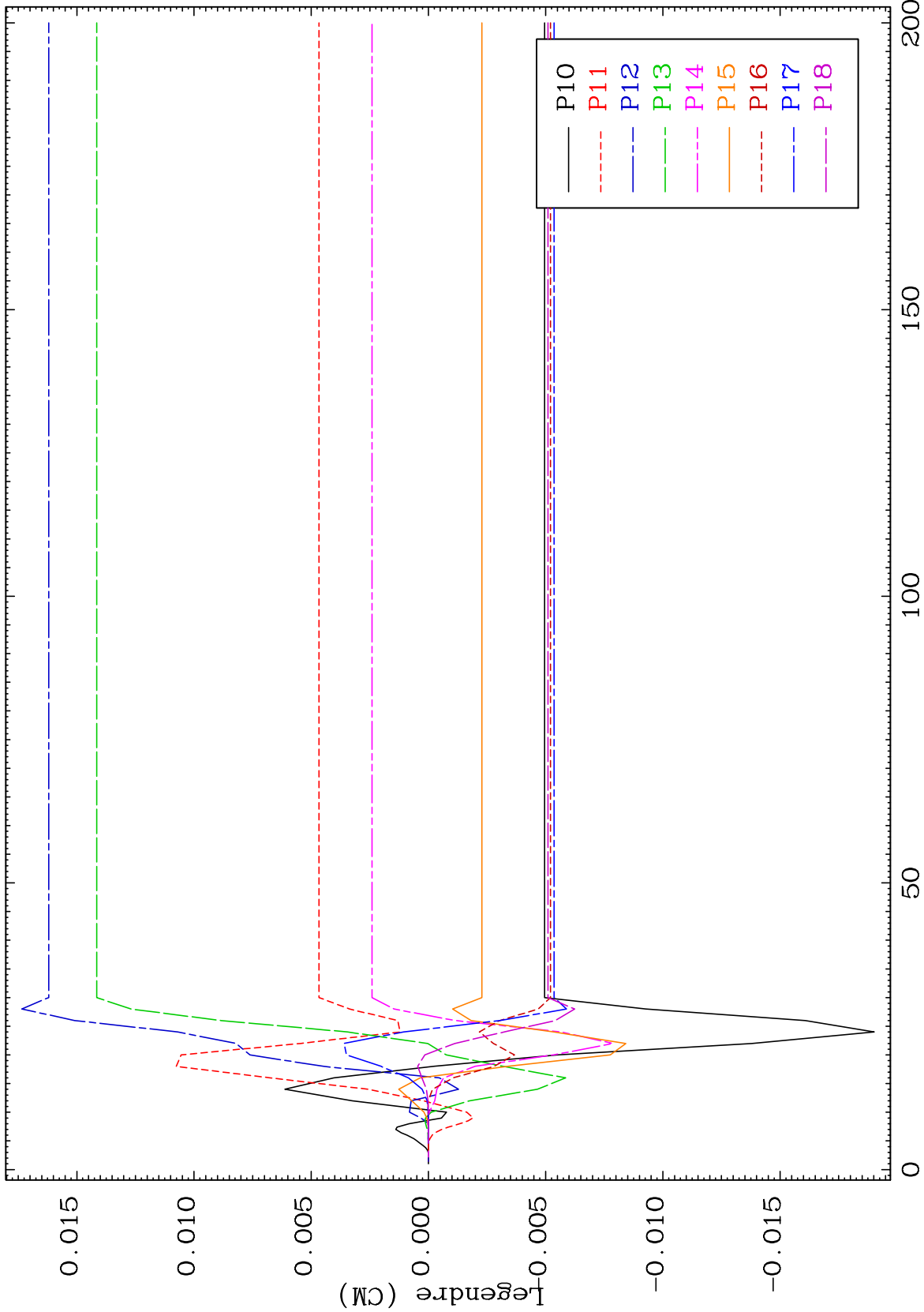
Incident Energy (MeV)

25

MAT 7422

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

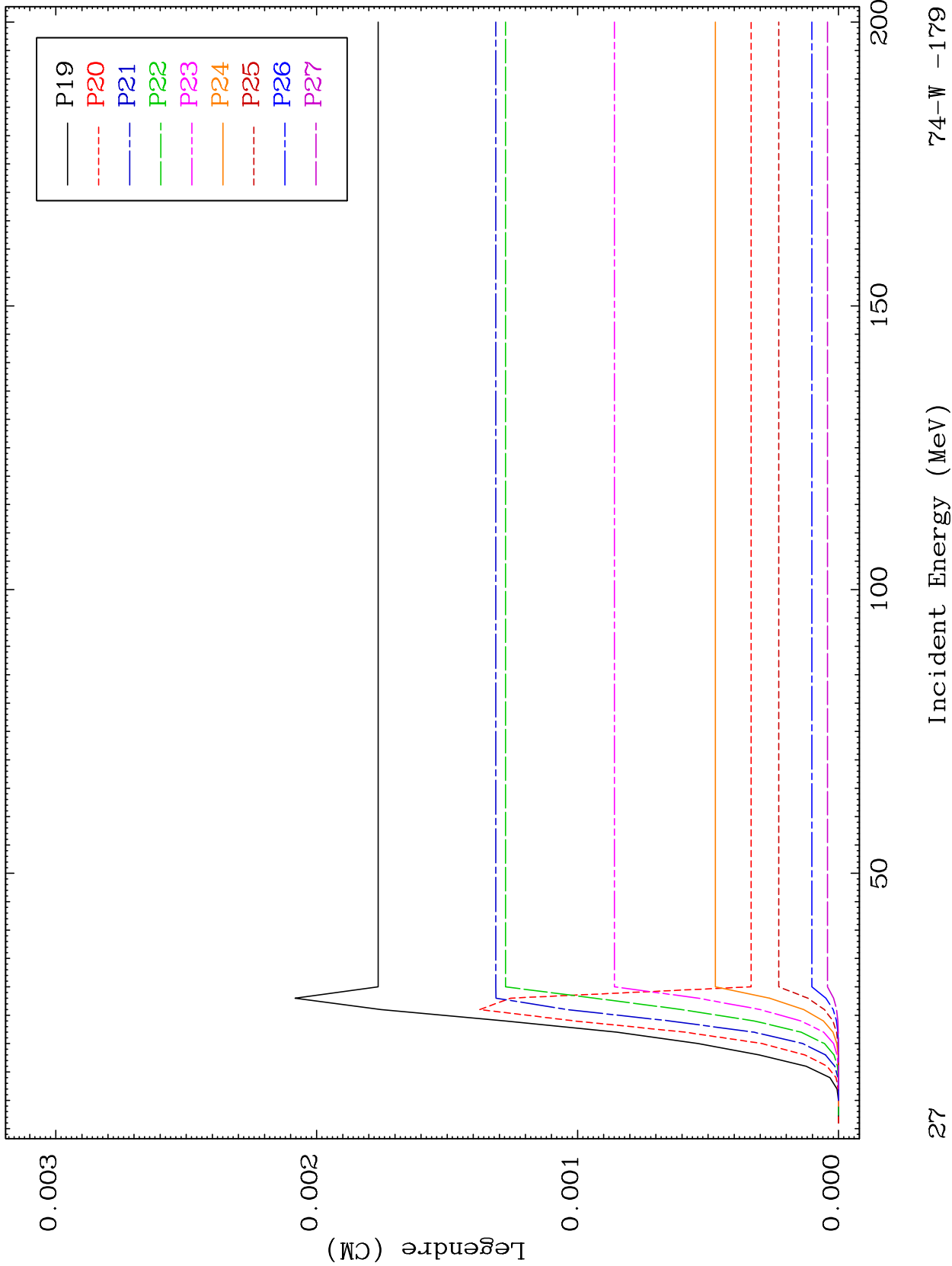
74-W -179



26

Incident Energy (MeV)

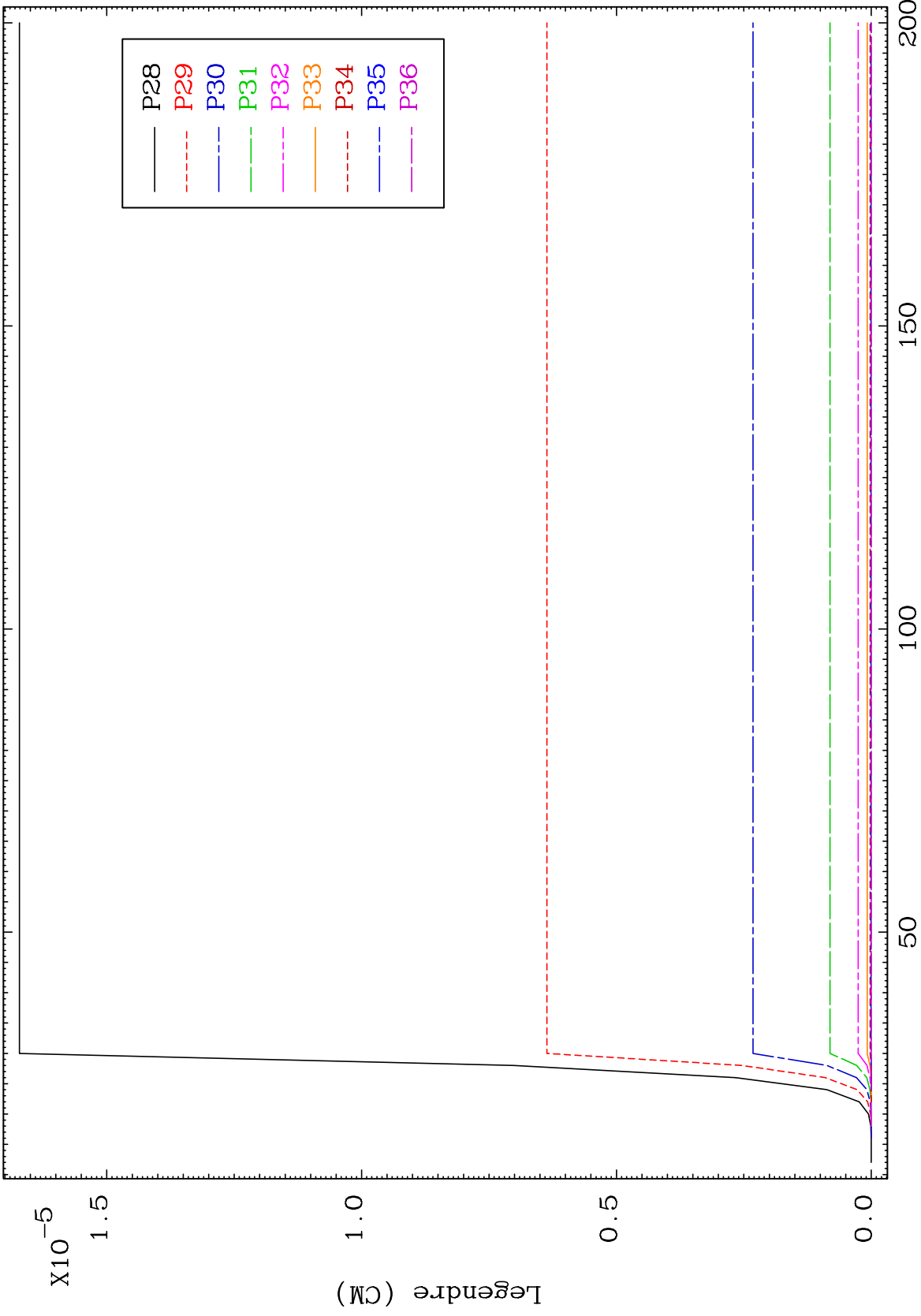
74-W -179



MAT 7422

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

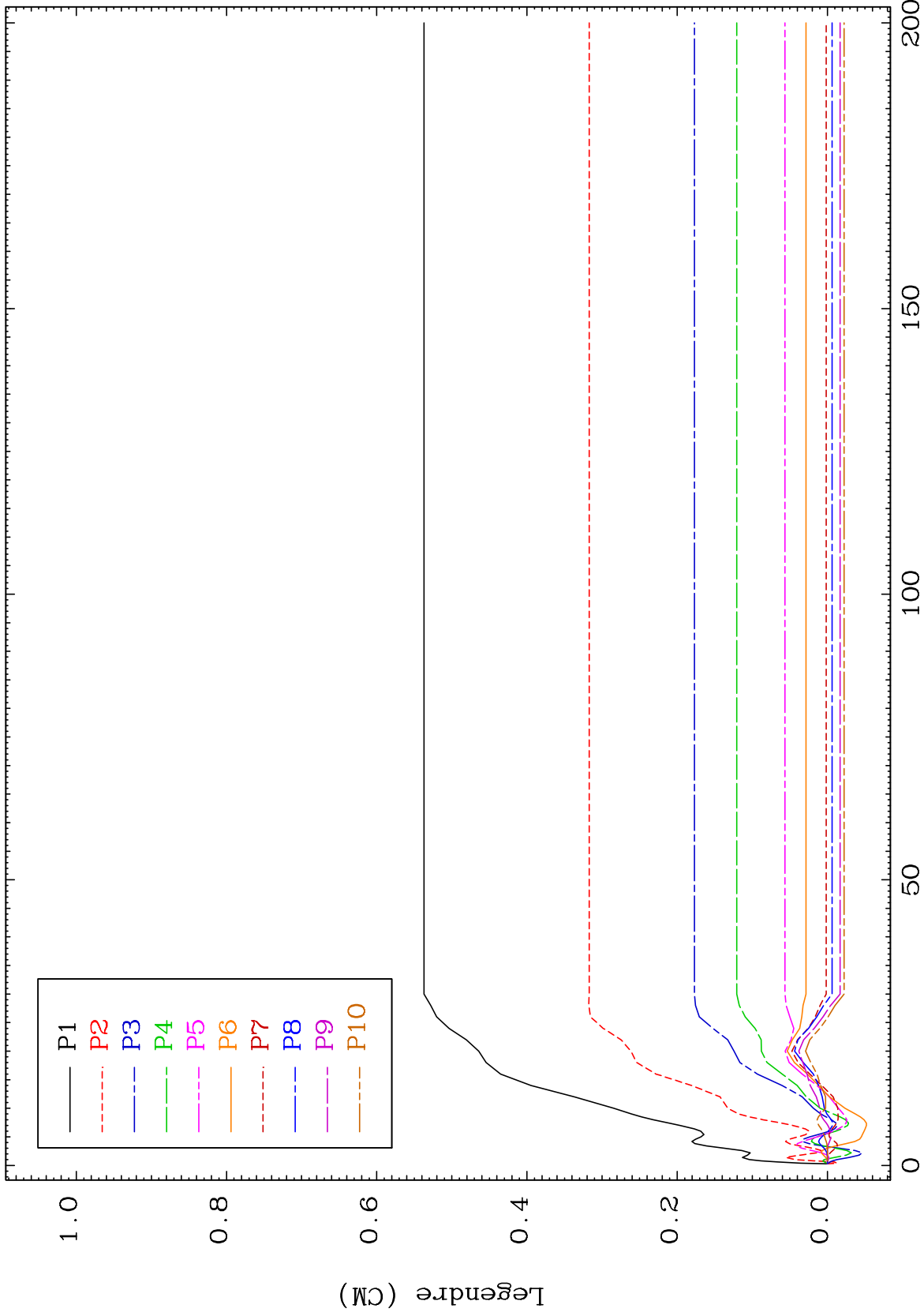
74-W -179



28

Incident Energy (MeV)

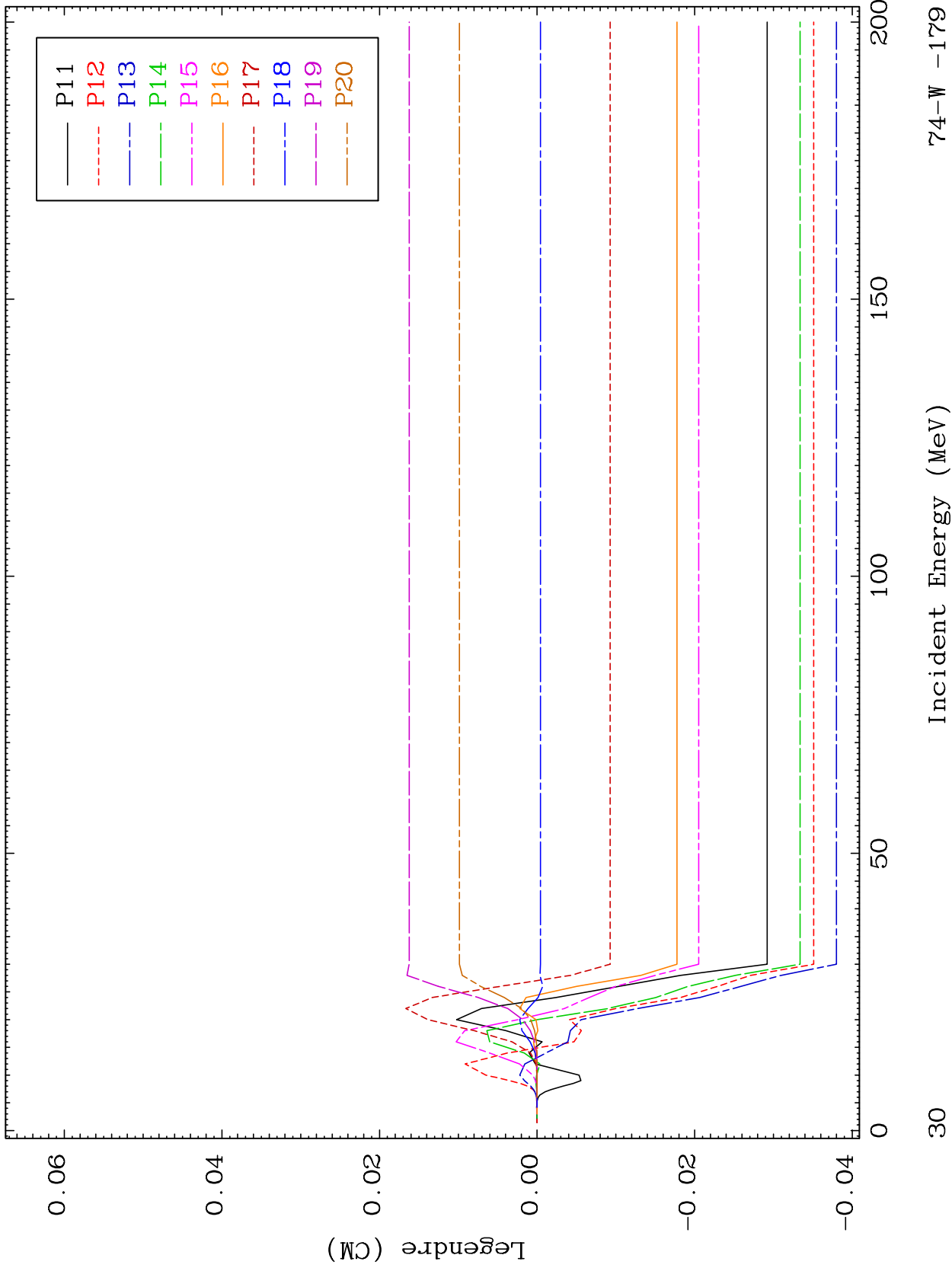
74-W -179



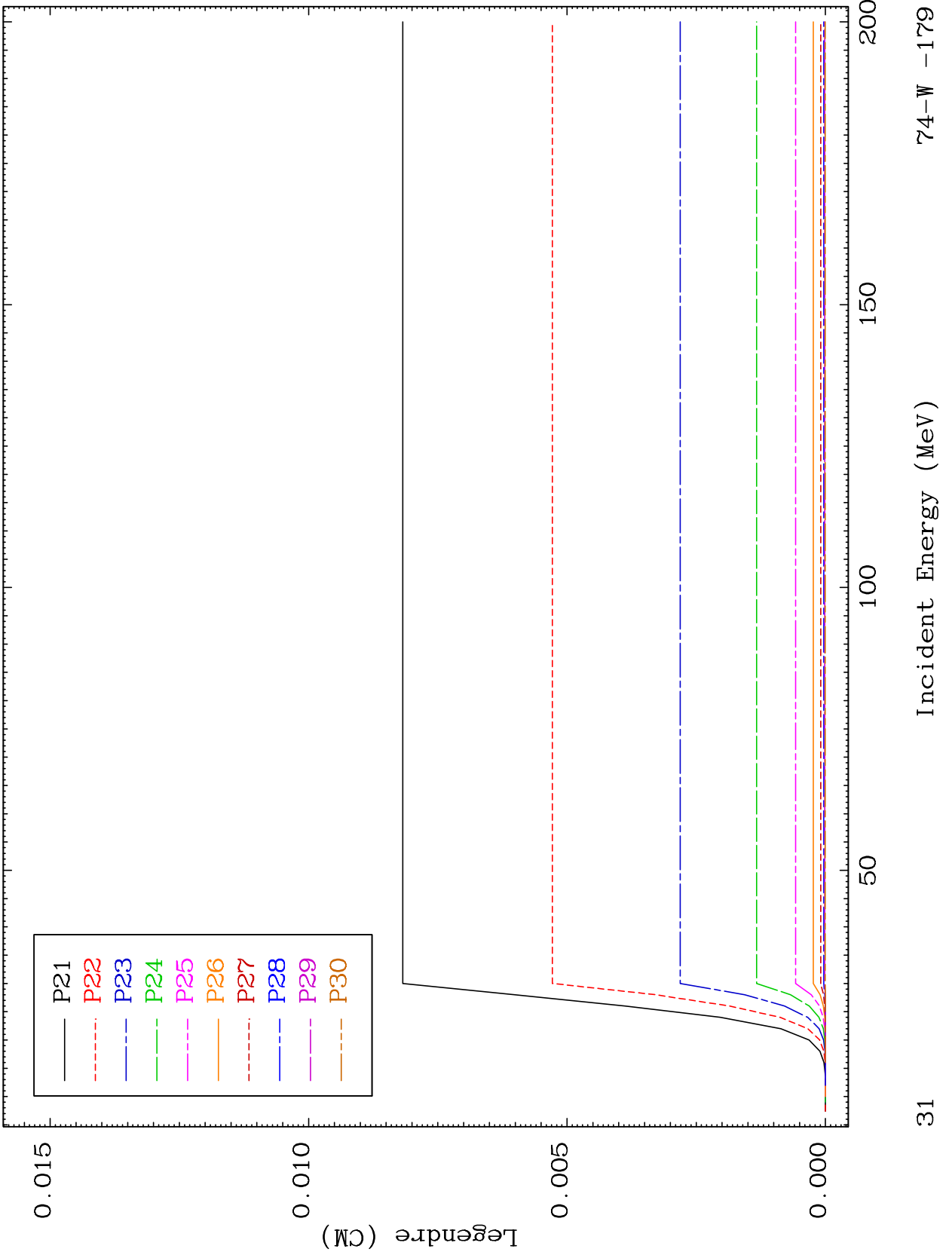
MAT 7422

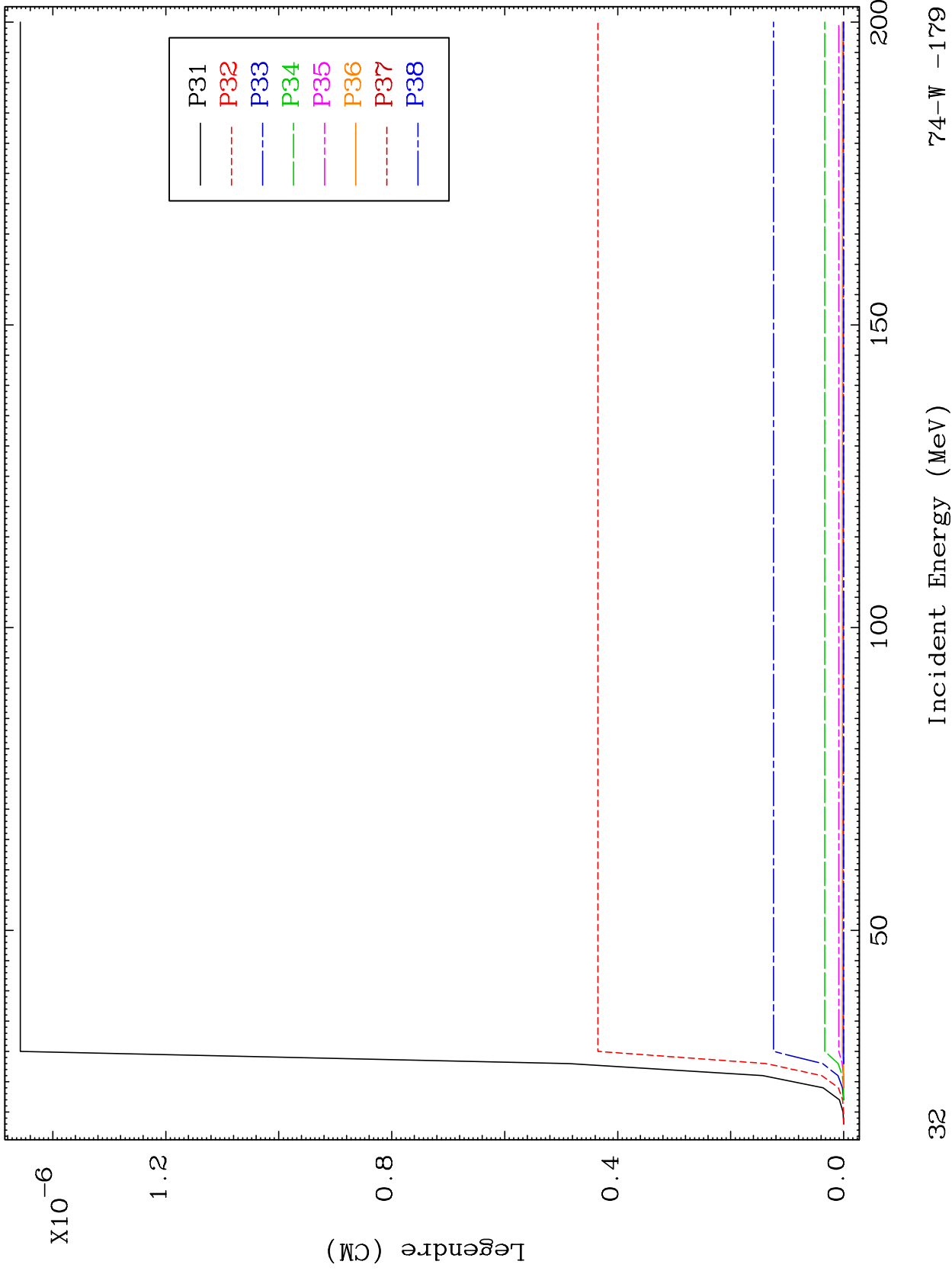
MT= 53 (n,n') Level
Legendre Coefficients

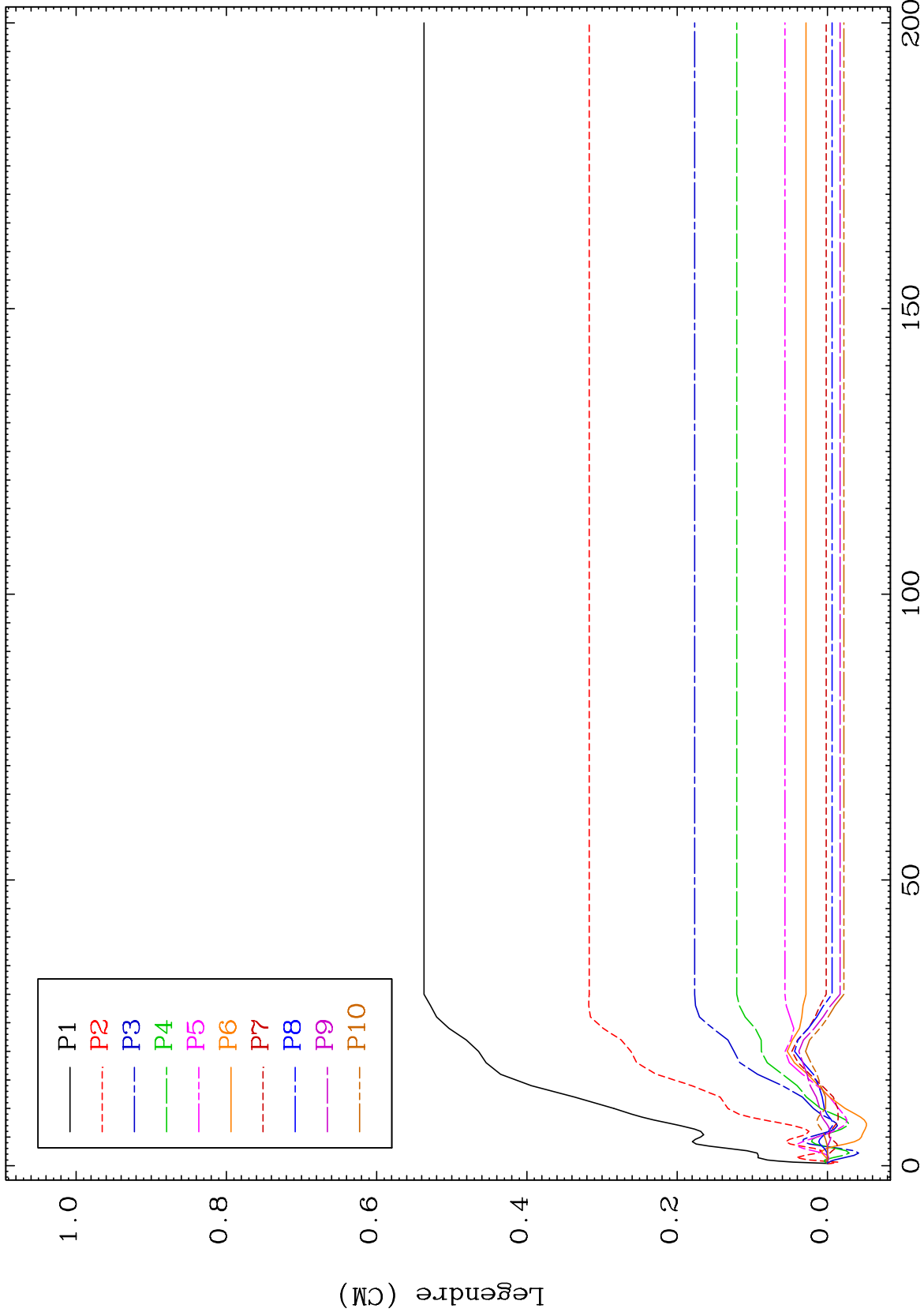
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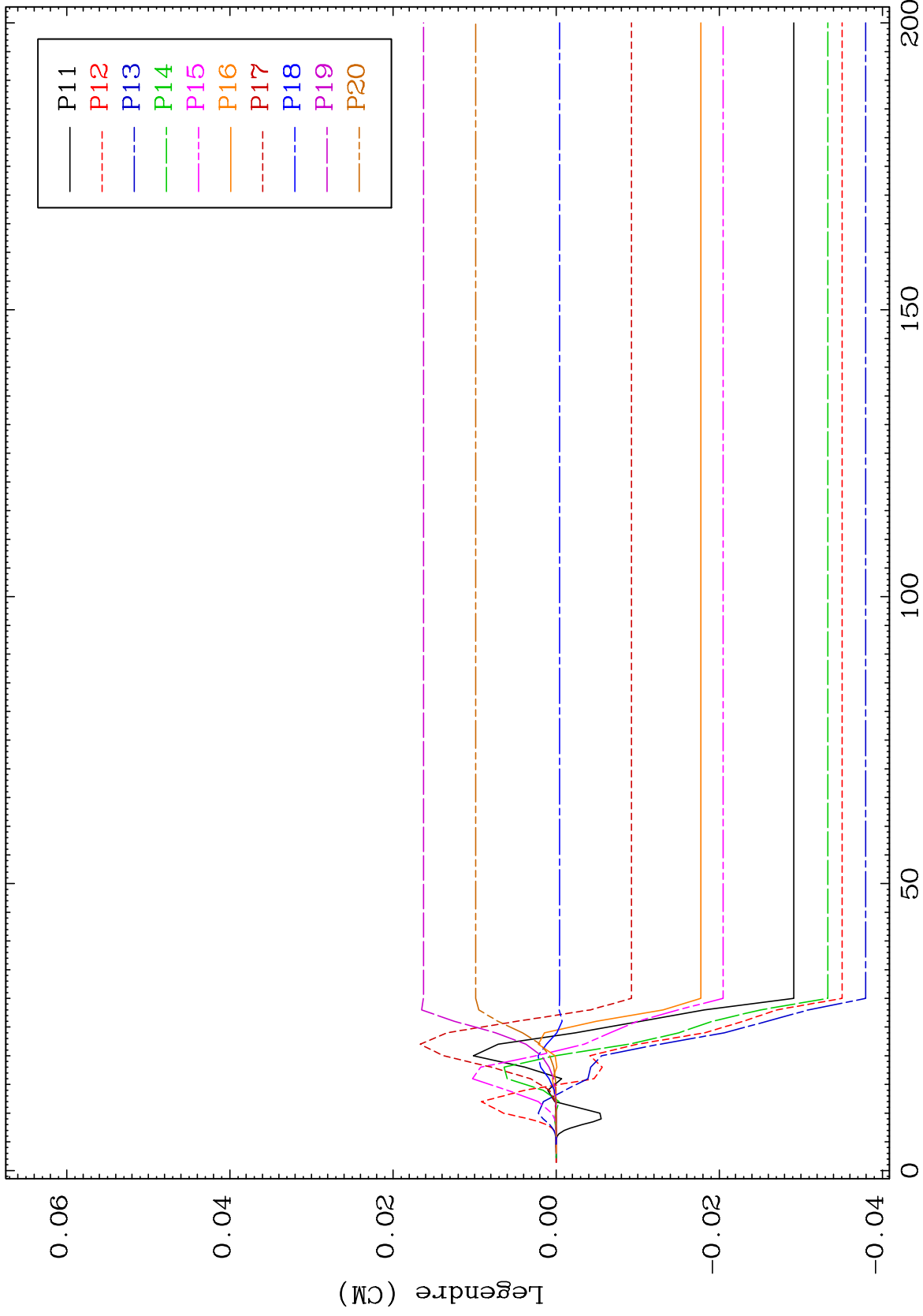


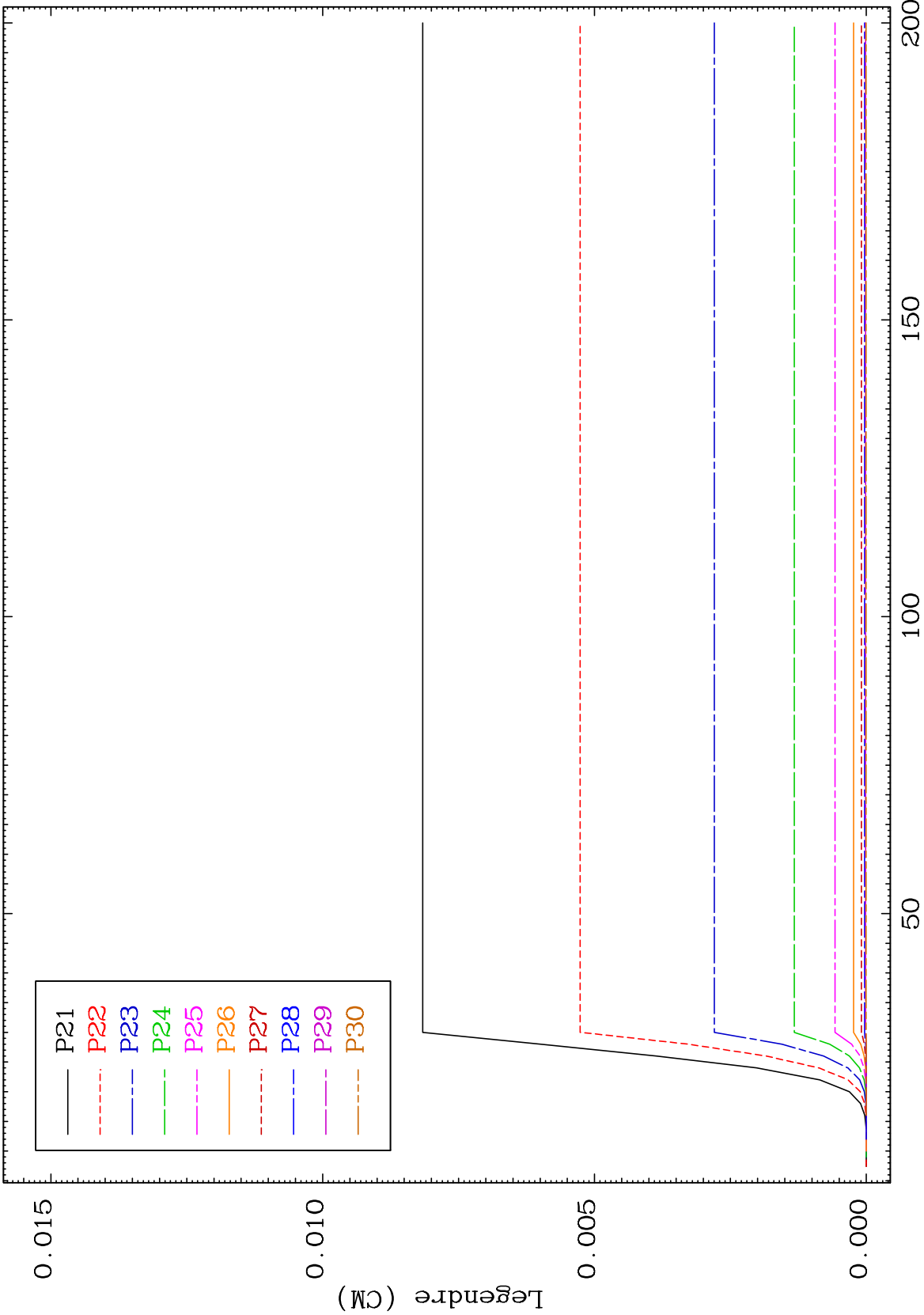
74-W -179

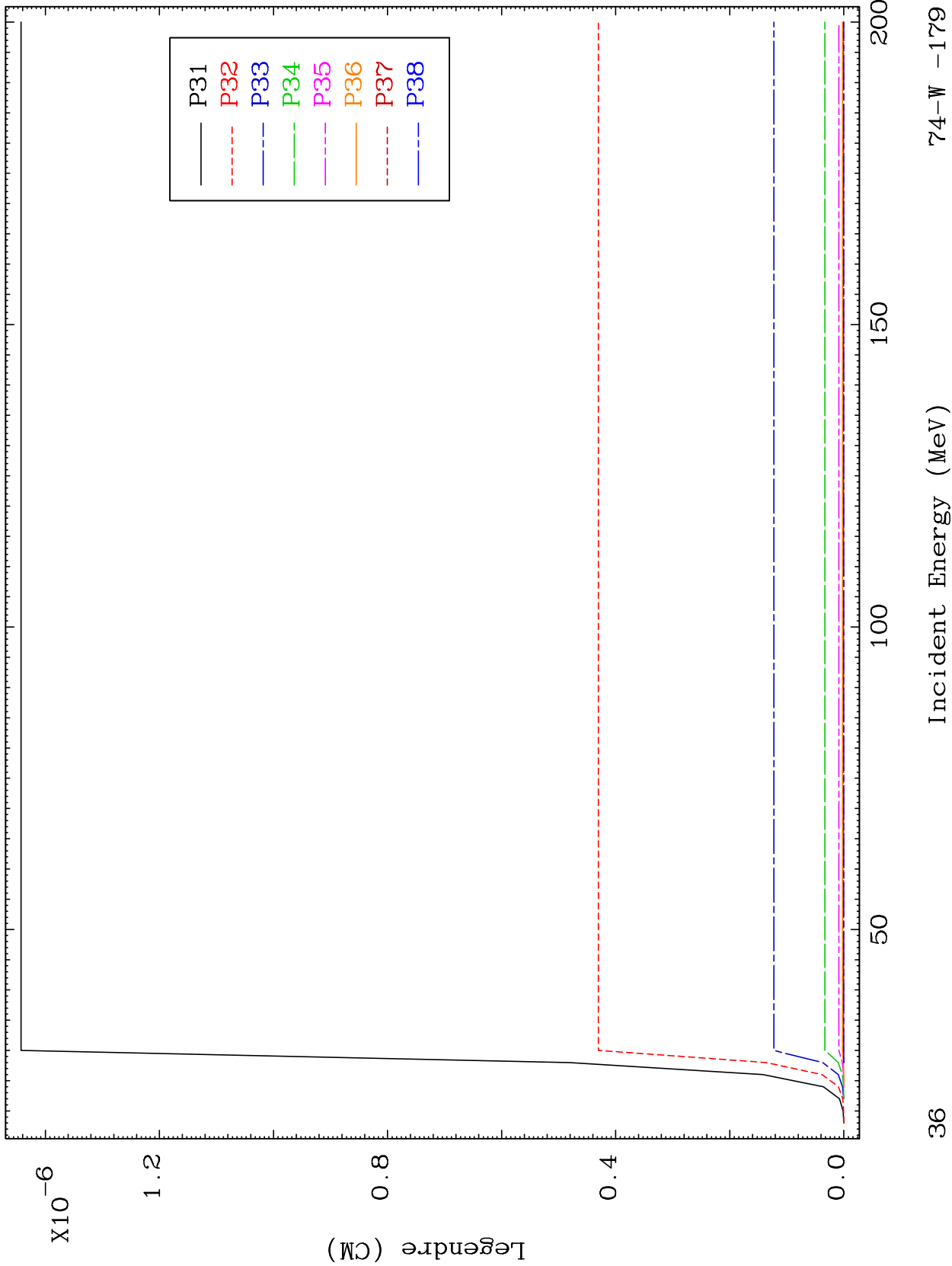










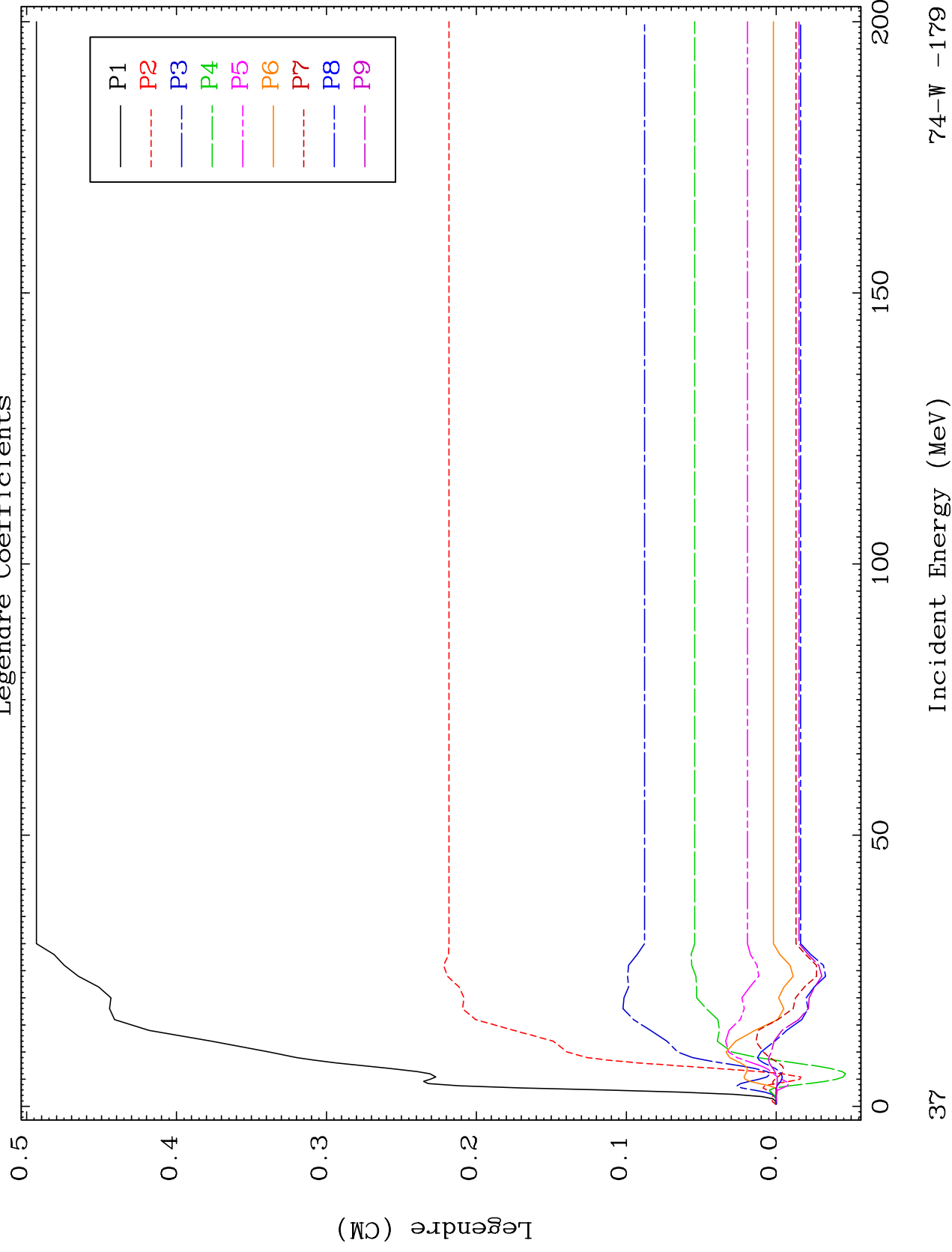


MAT 7422

MT= 55 (n,n') Level

74-W -179

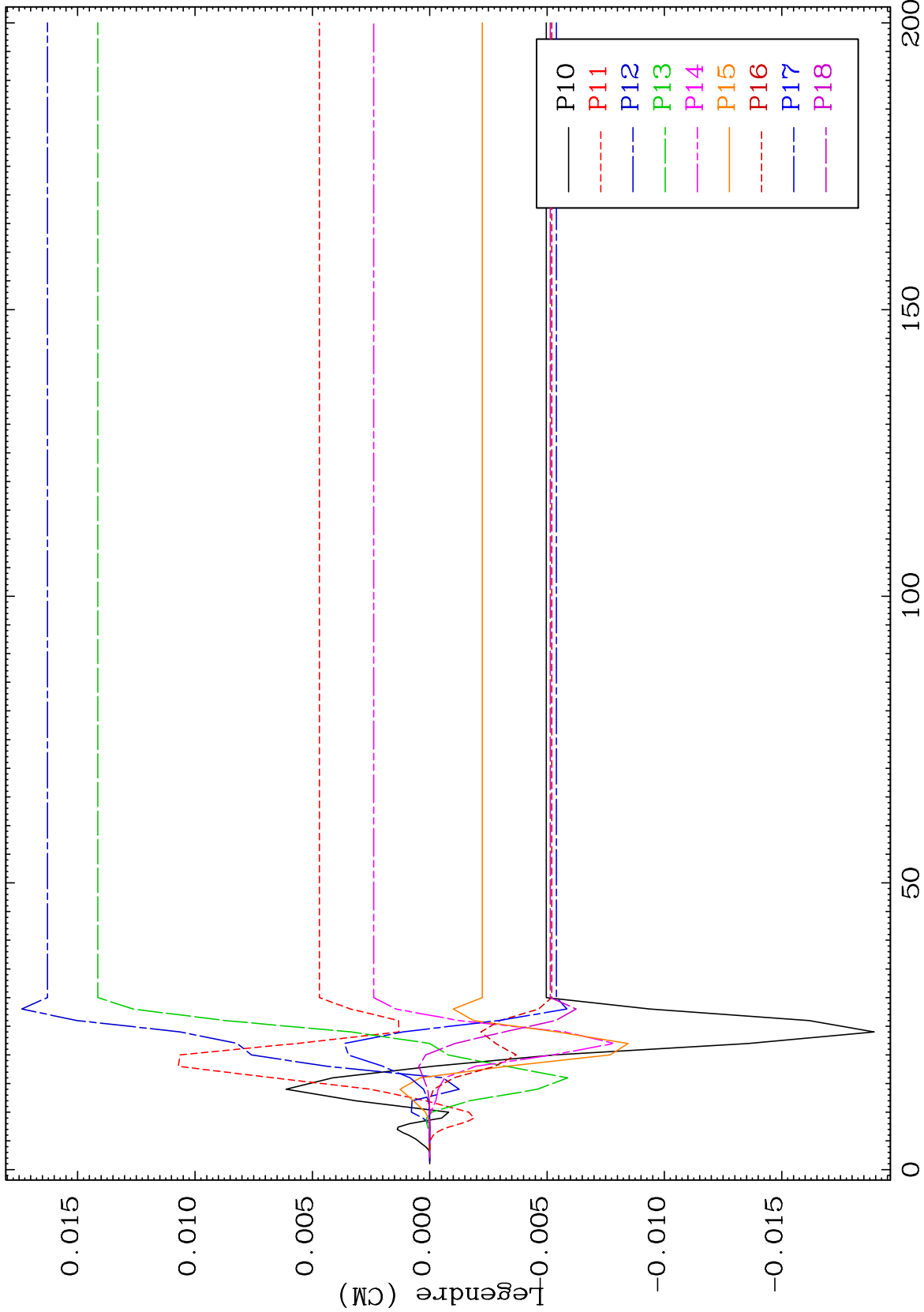
Legendre Coefficients

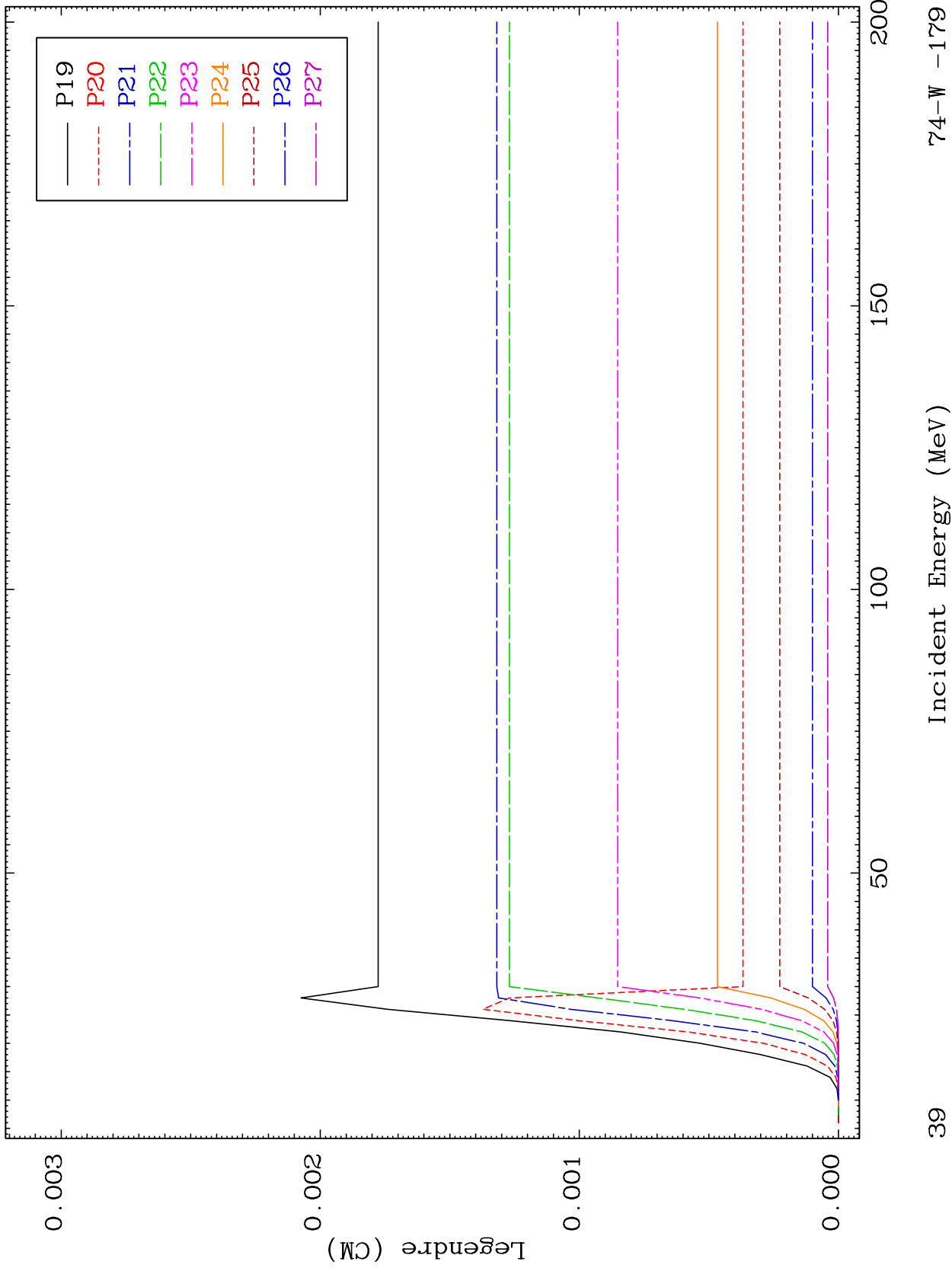


37

Incident Energy (MeV)

74-W -179

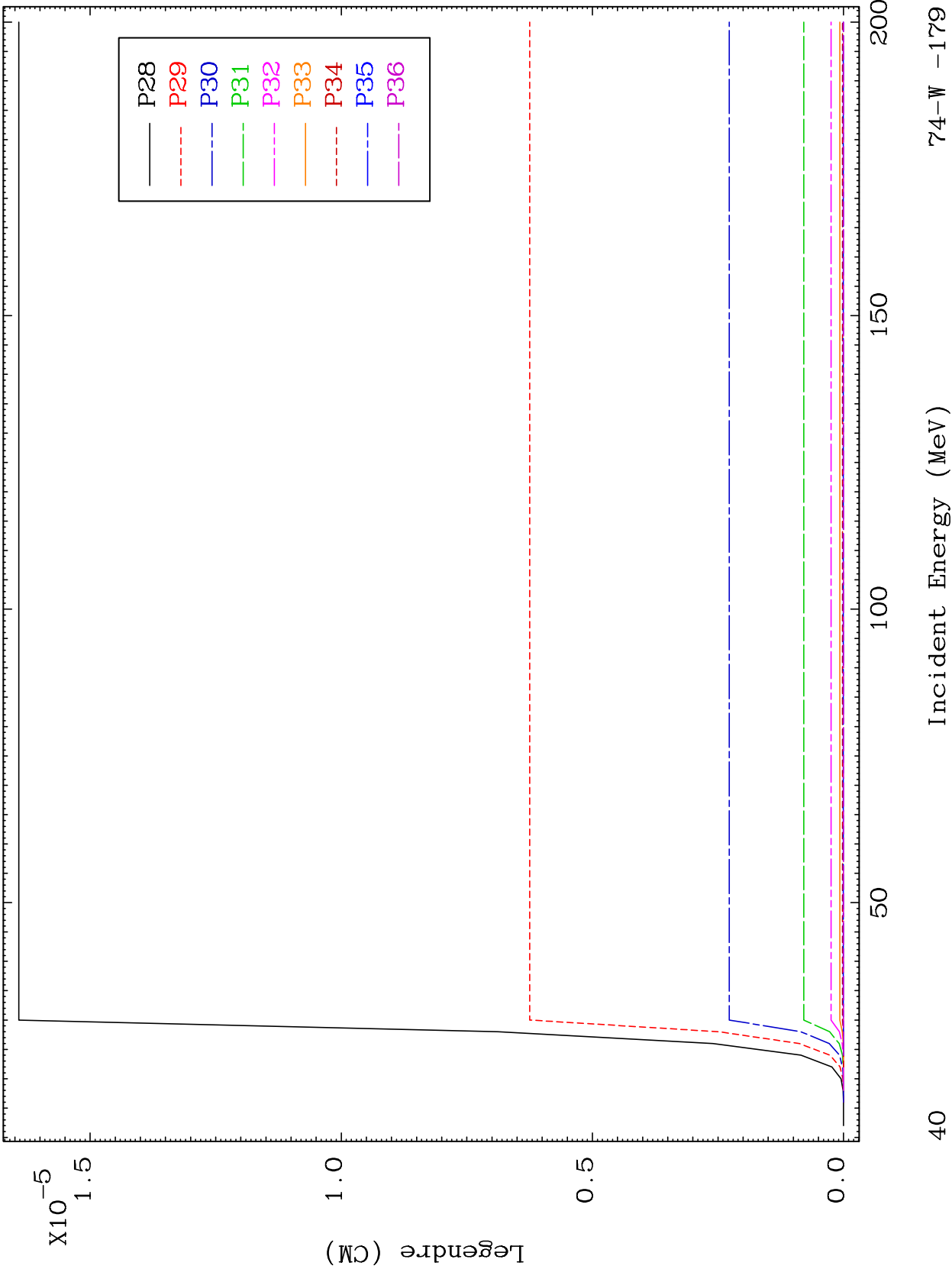




MAT 7422

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

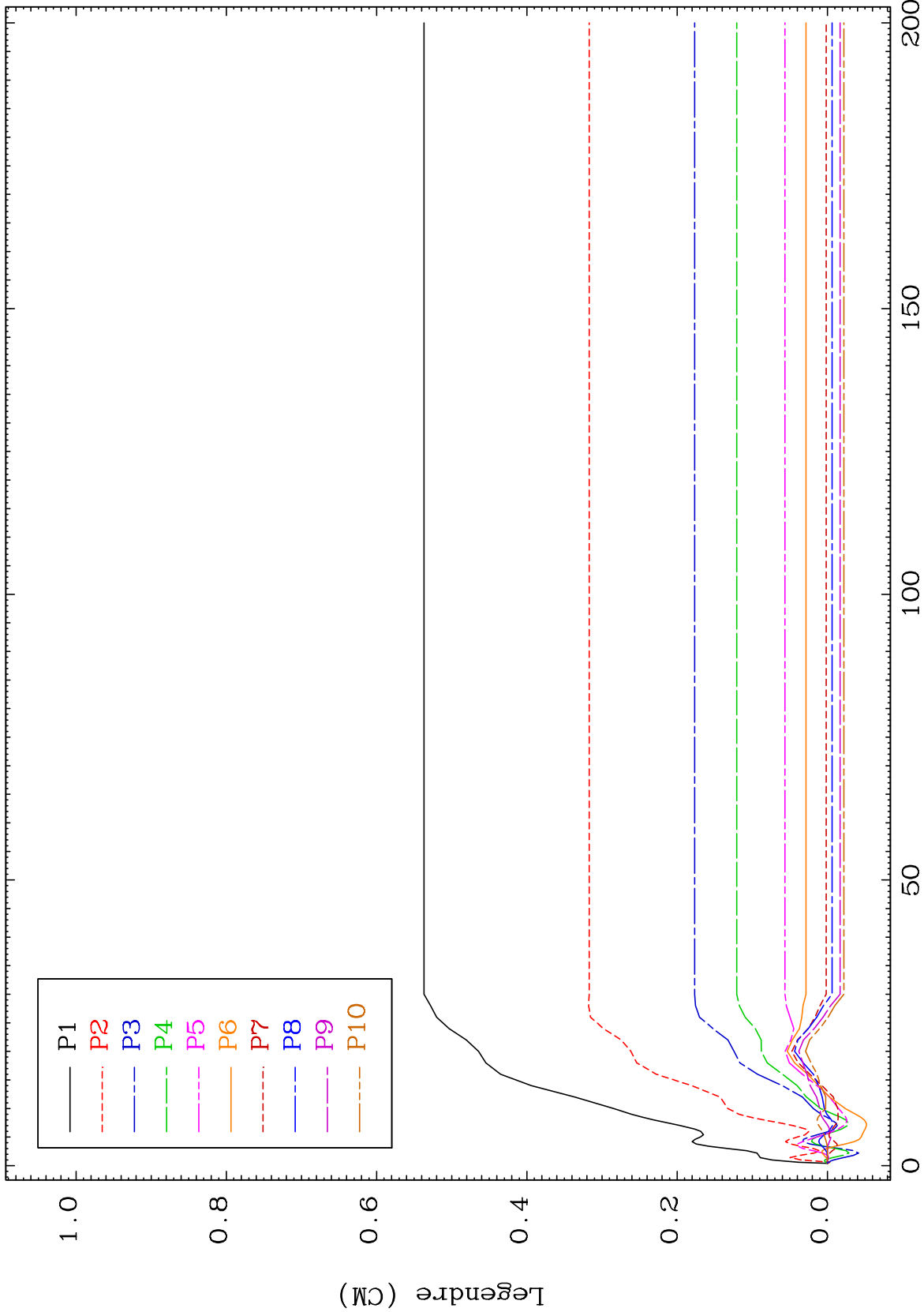
74-W -179

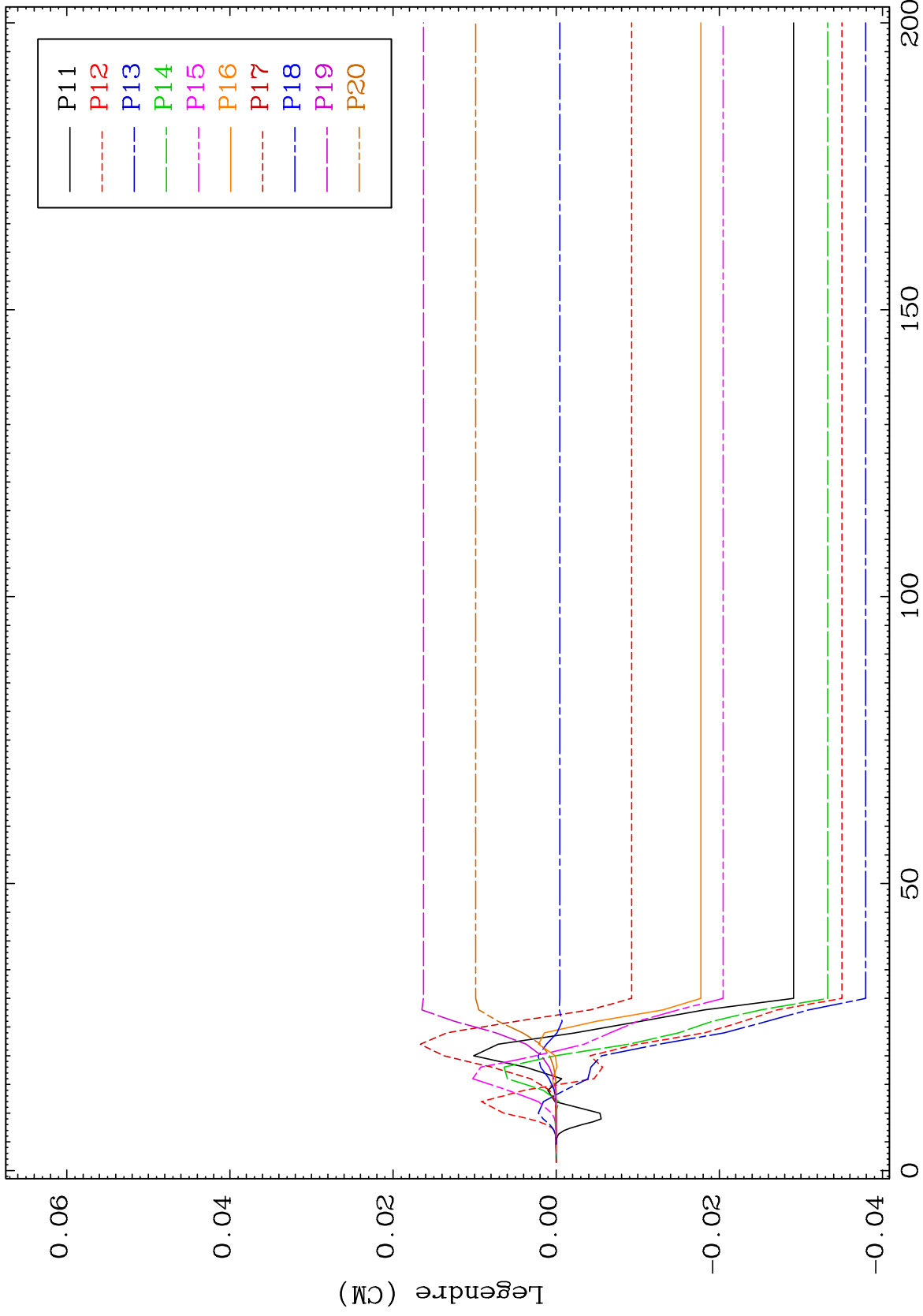


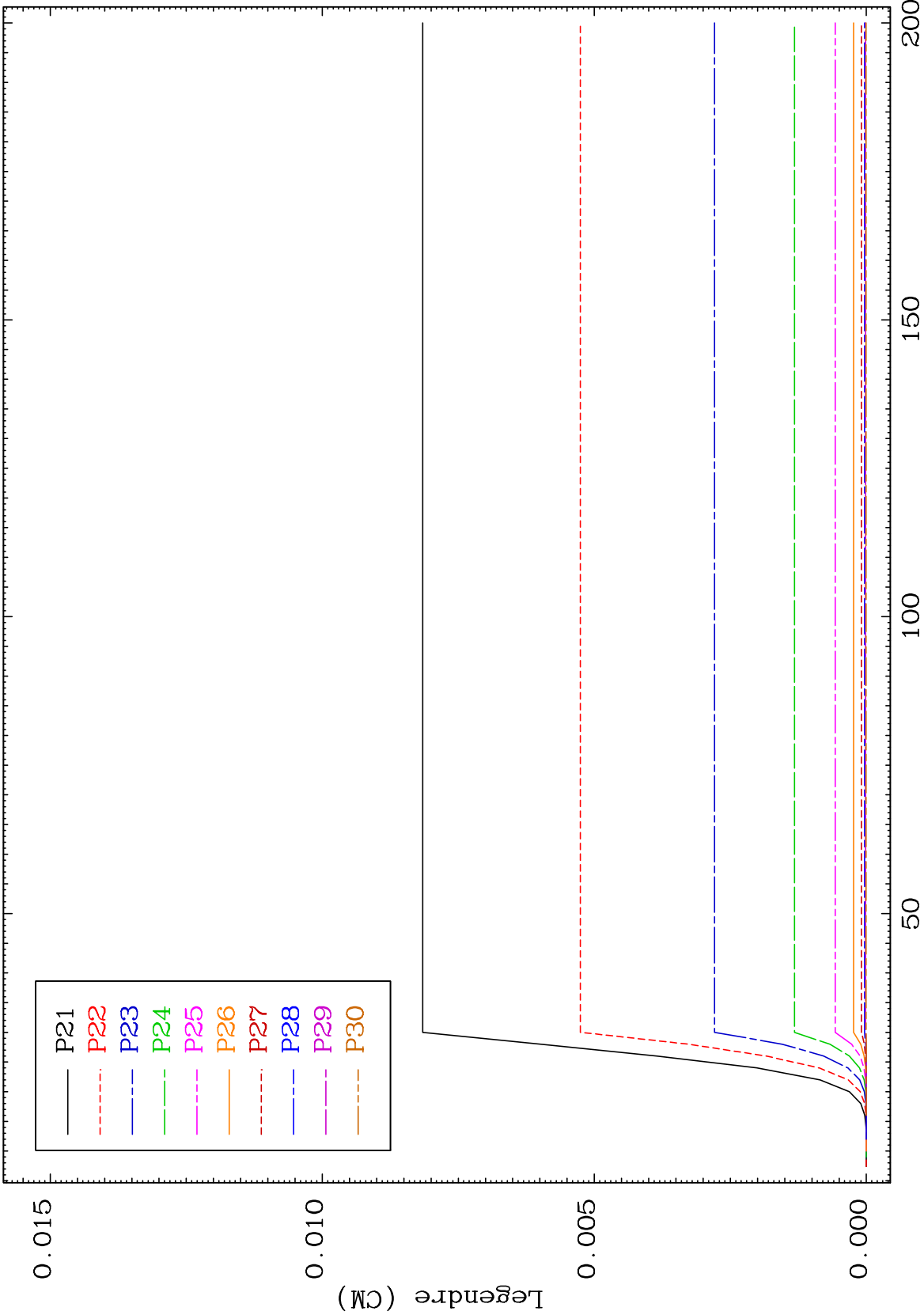
74-W -179

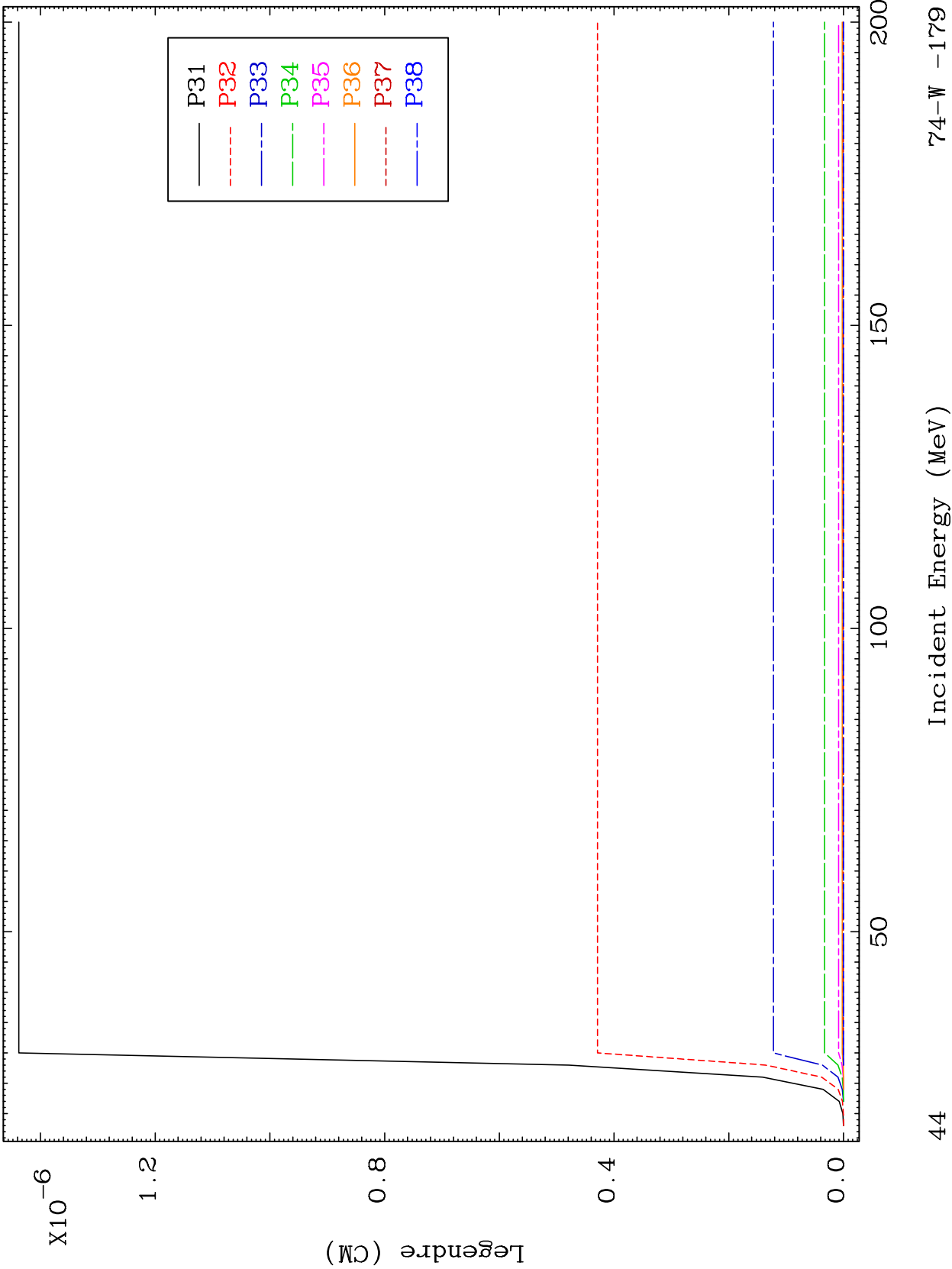
Incident Energy (MeV)

40







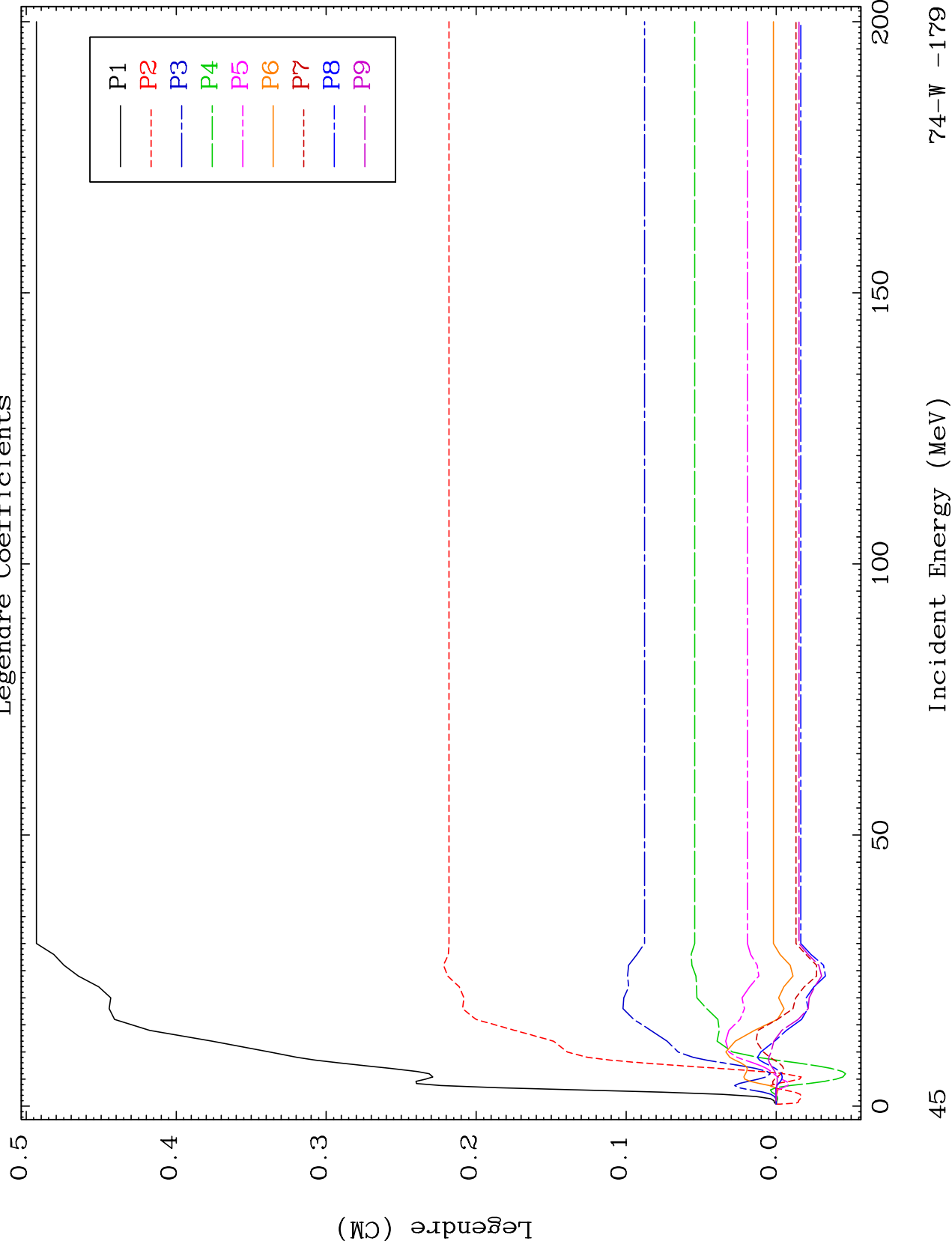


MAT 7422

MT= 57 (n,n') Level

74-W -179

Legendre Coefficients



74-W -179

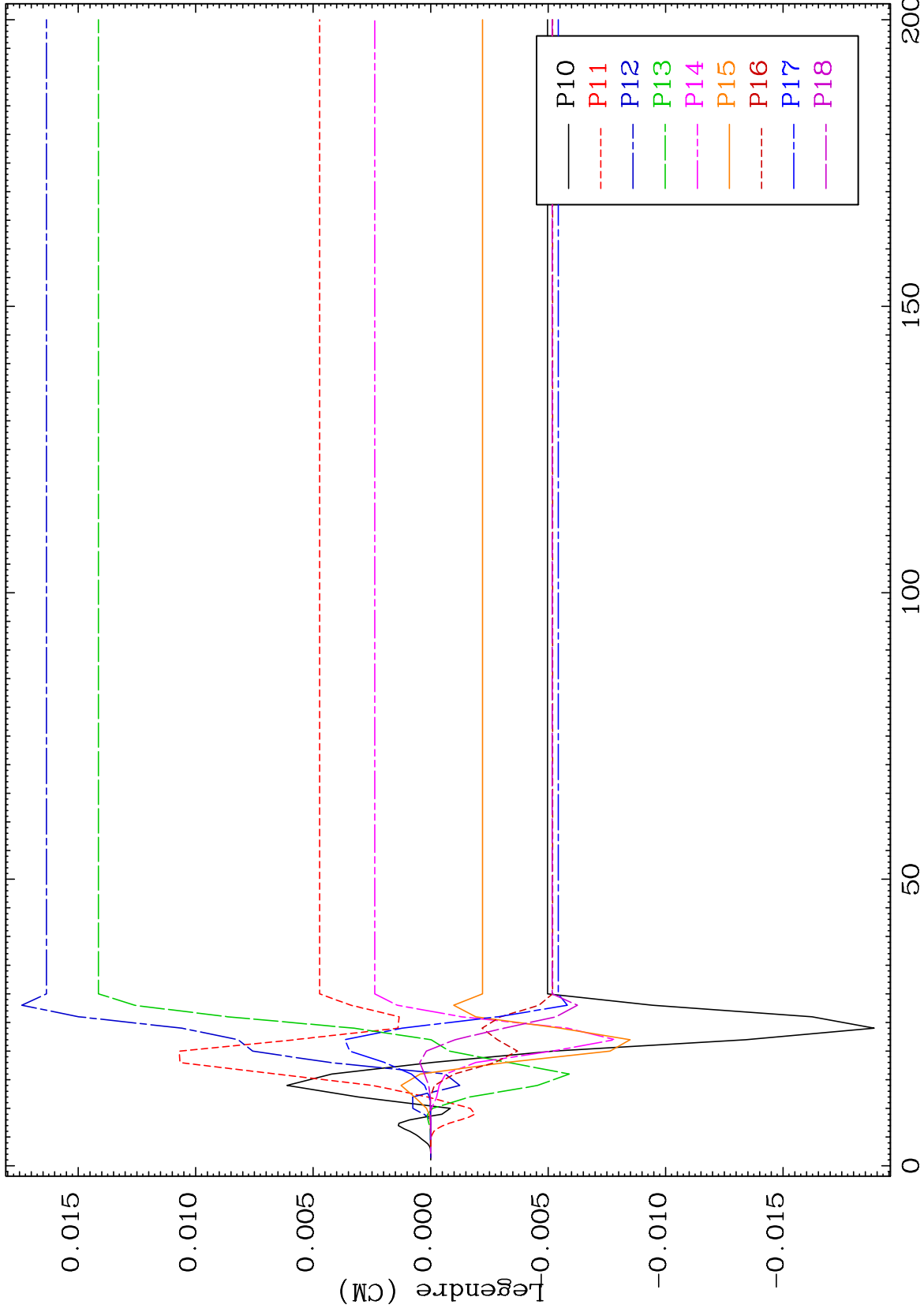
Incident Energy (MeV)

45

MAT 7422

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

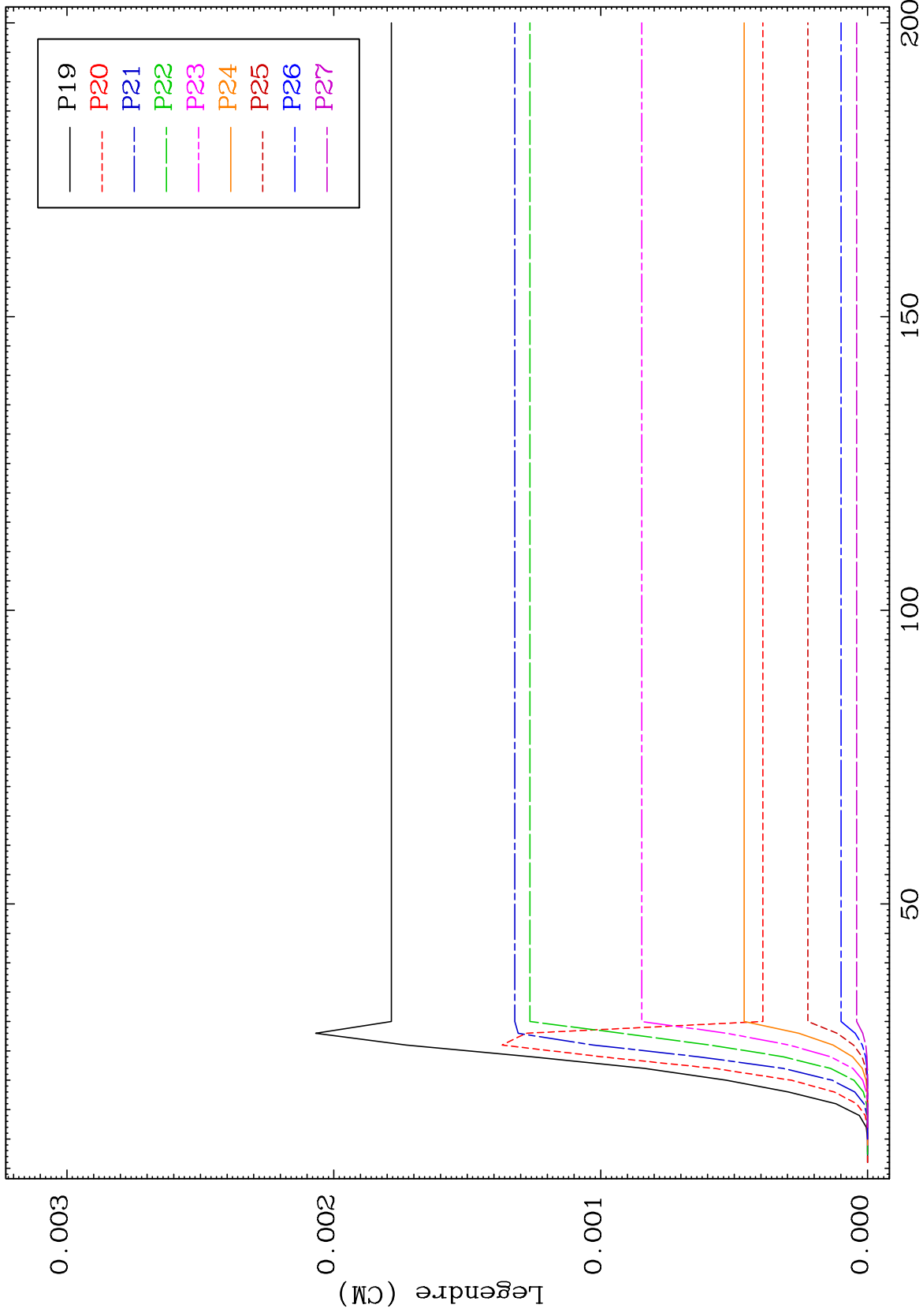
74-W -179



46

Incident Energy (MeV)

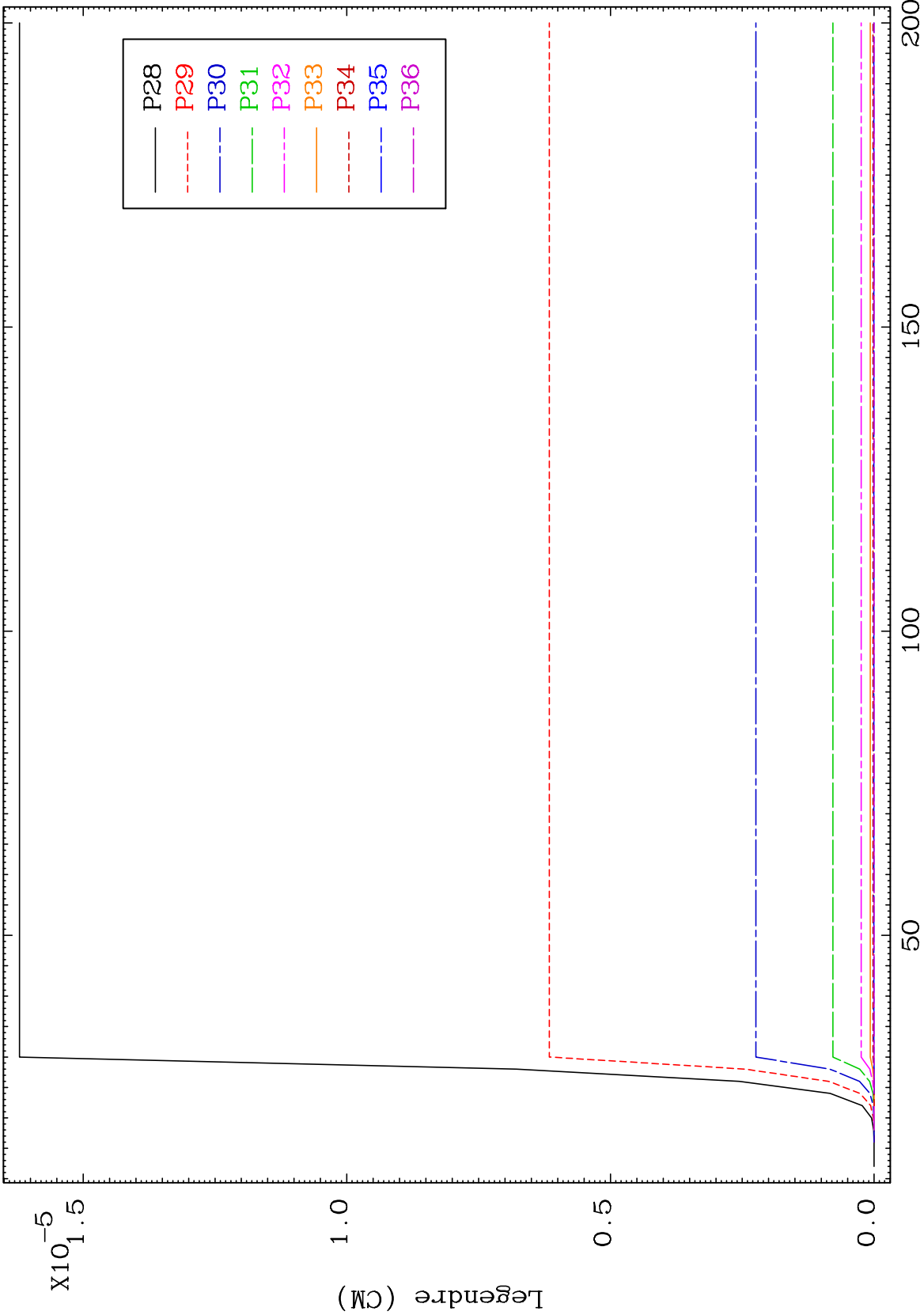
74-W -179



MAT 7422

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

74-W -179



48

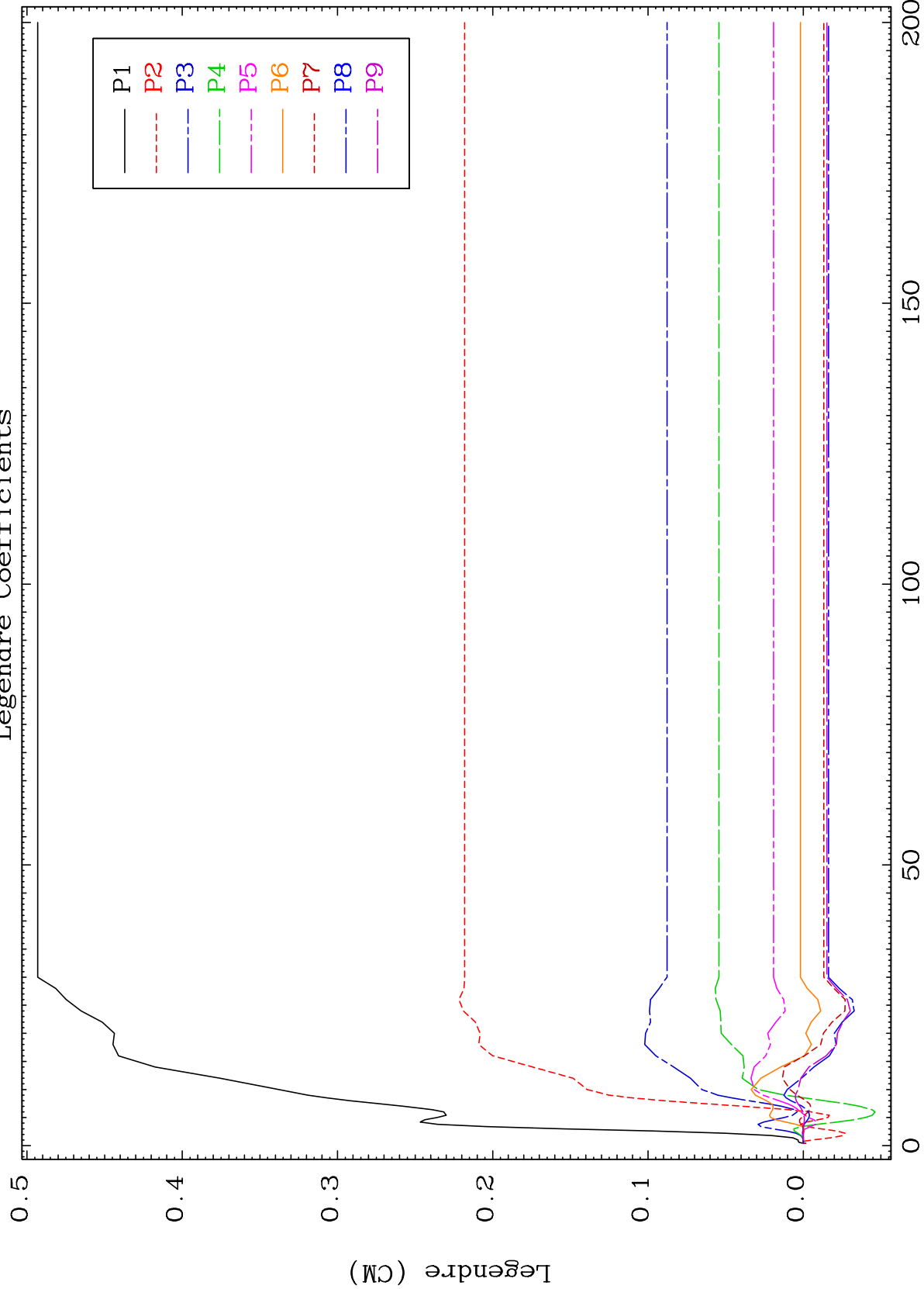
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



74-W -179

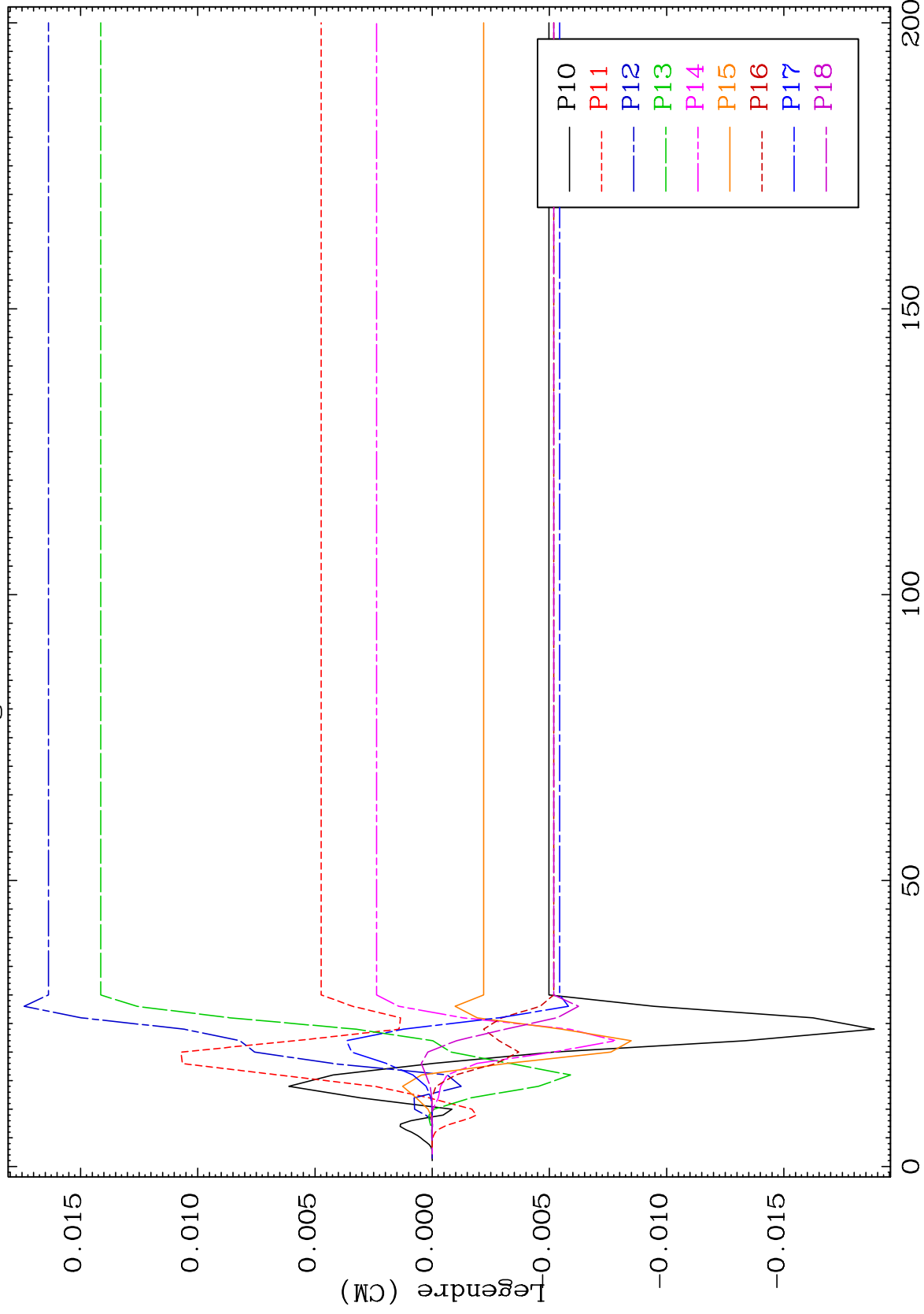
Incident Energy (MeV)

49

MAT 7422

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

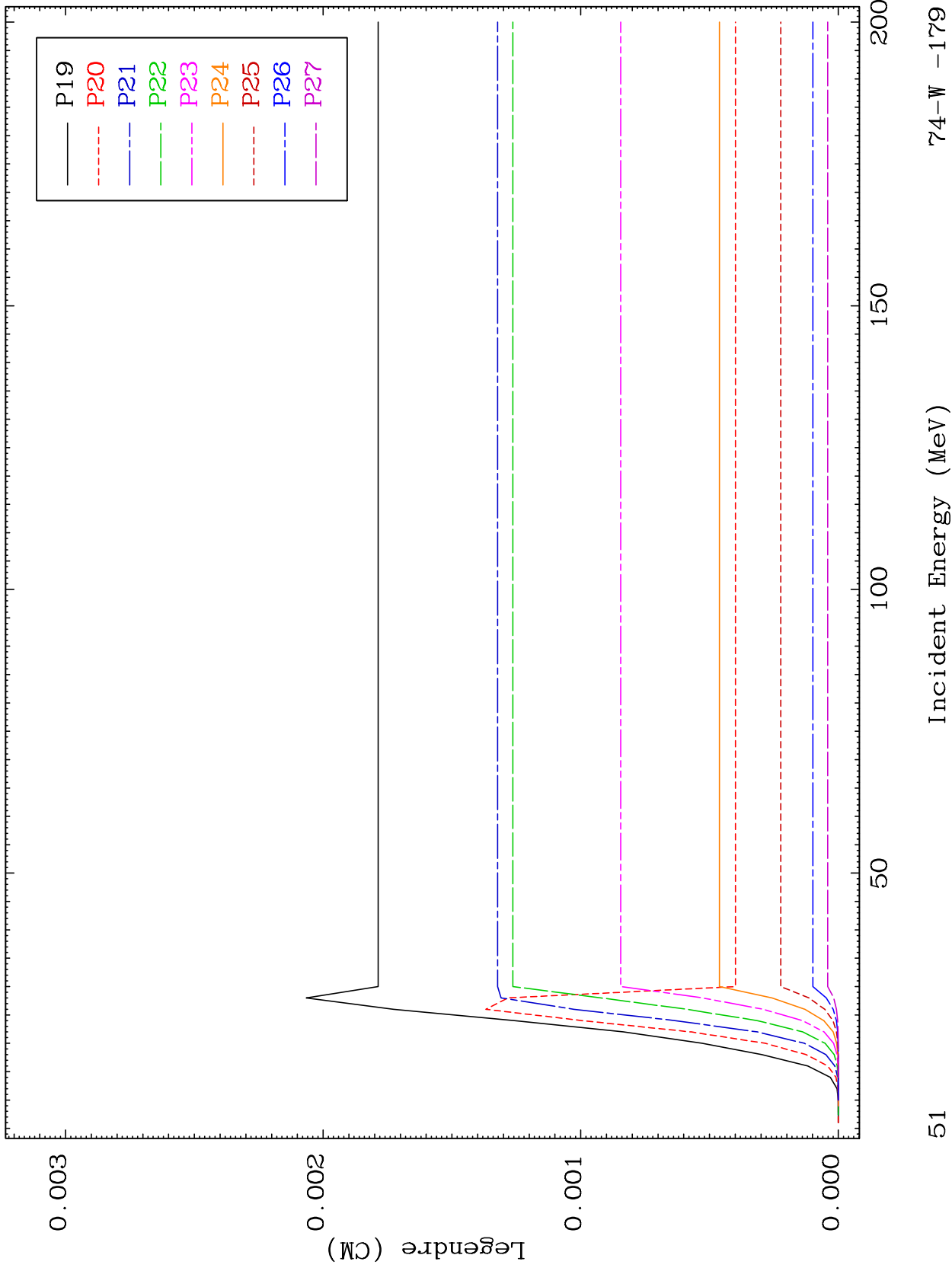
74-W -179

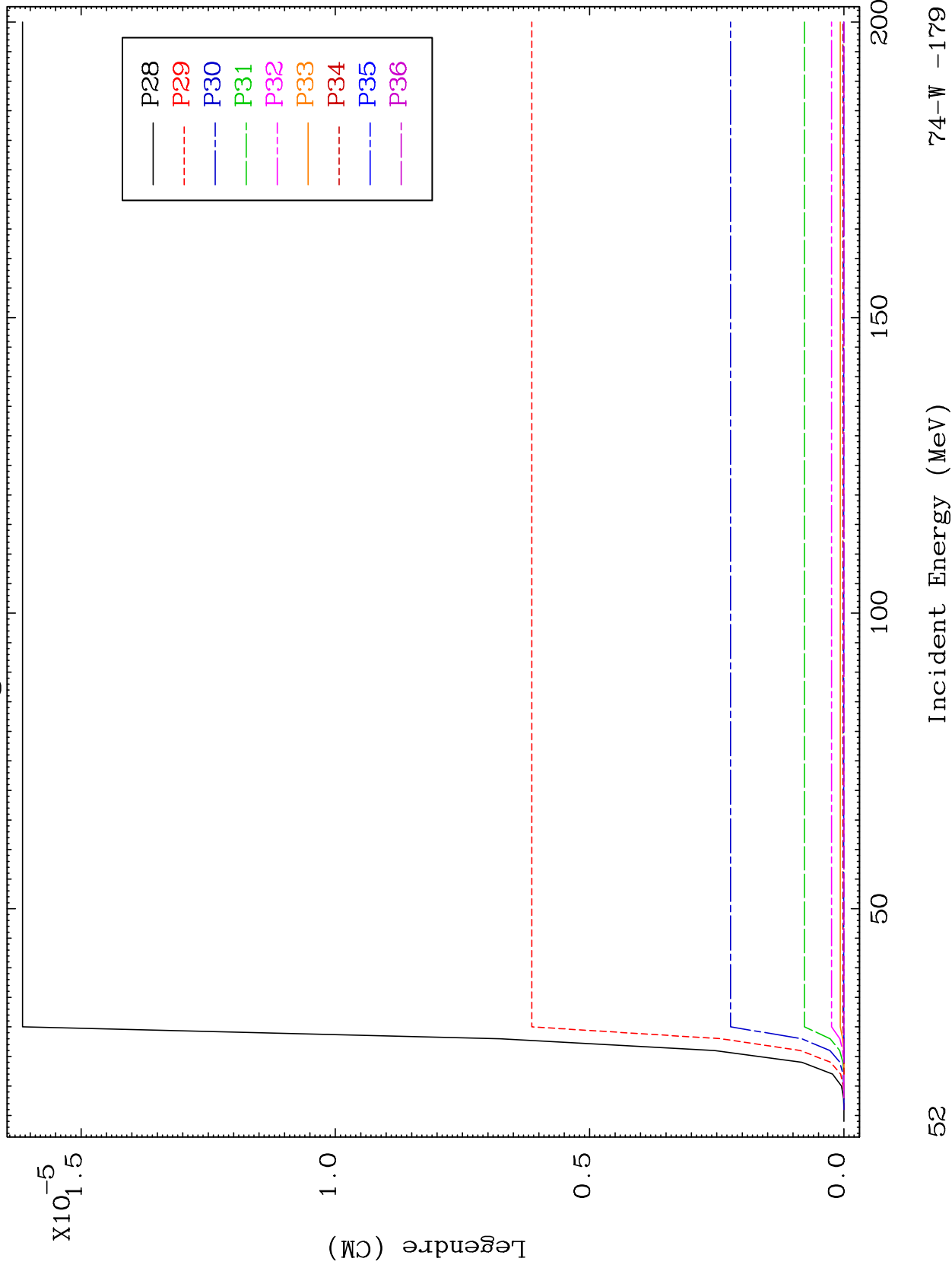


74-W -179

Incident Energy (MeV)

50

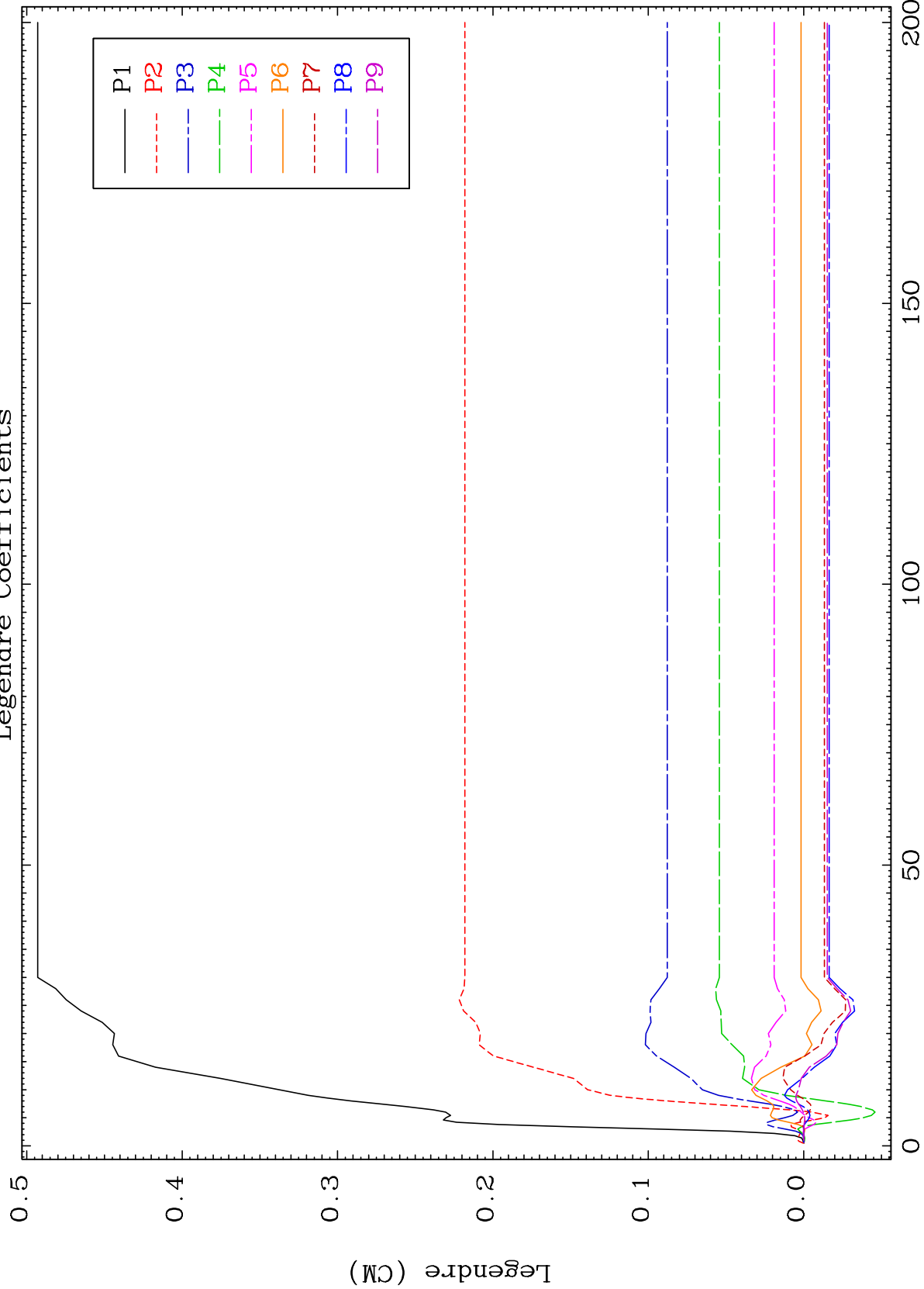




MAT 7422

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

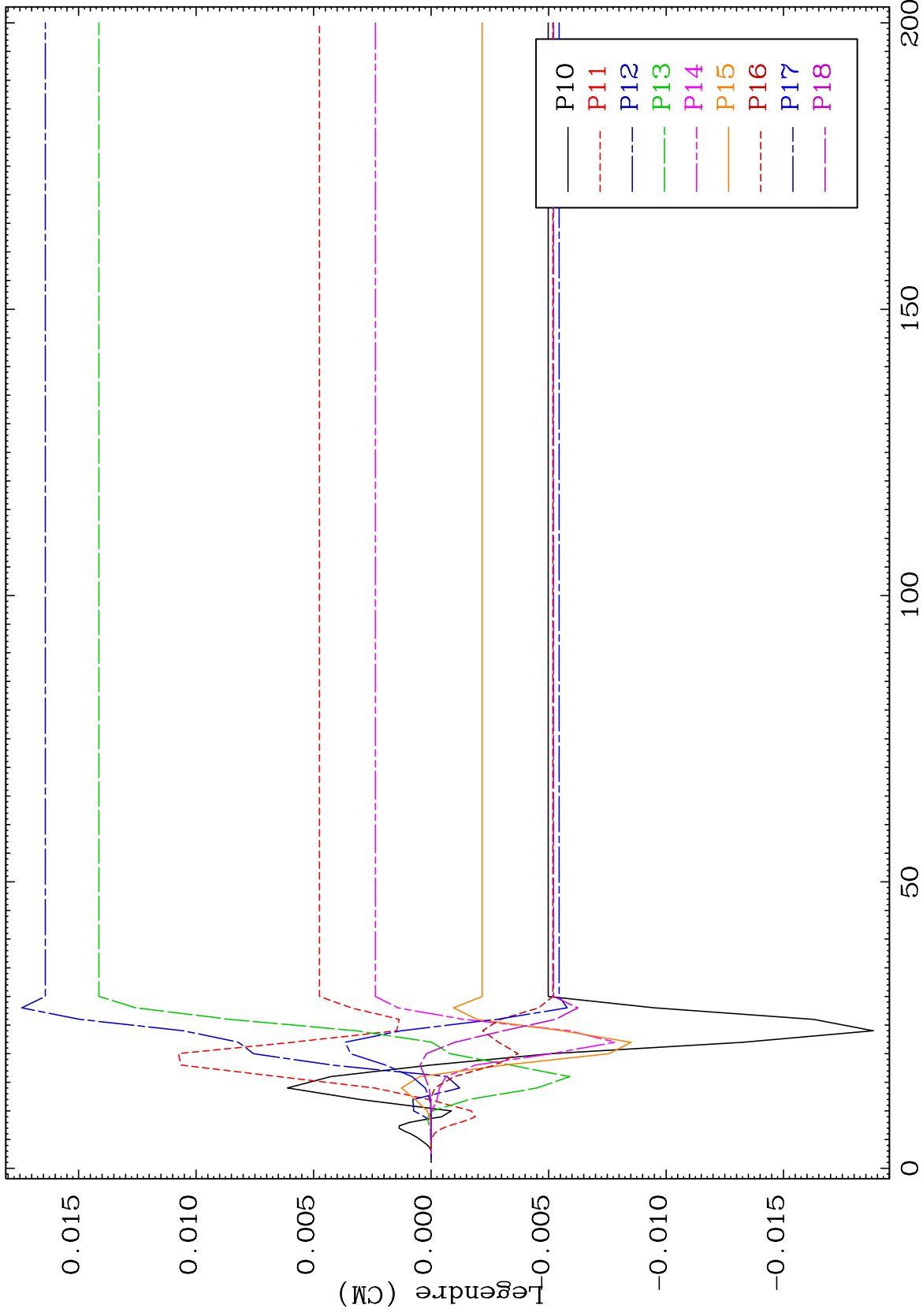
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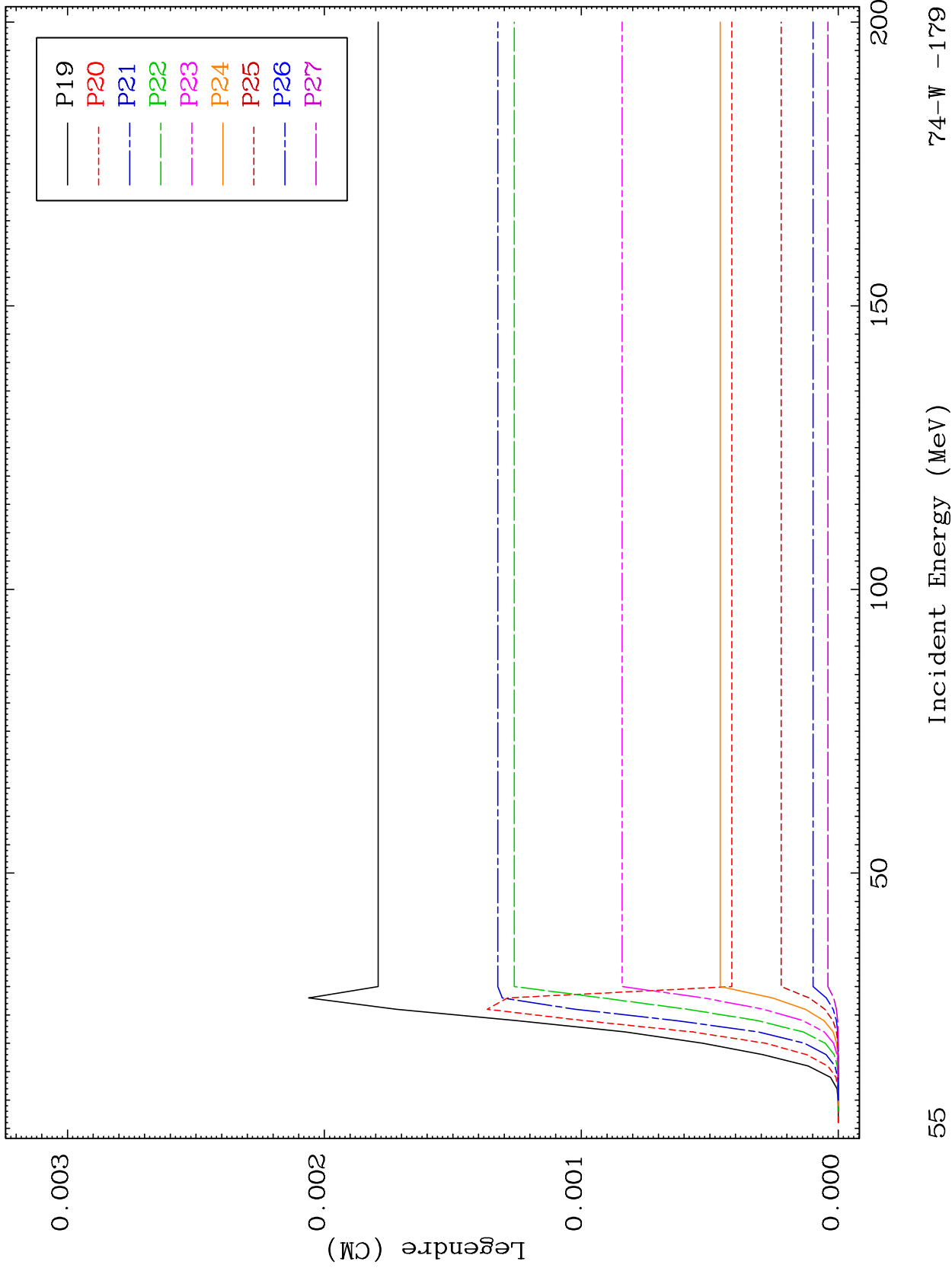


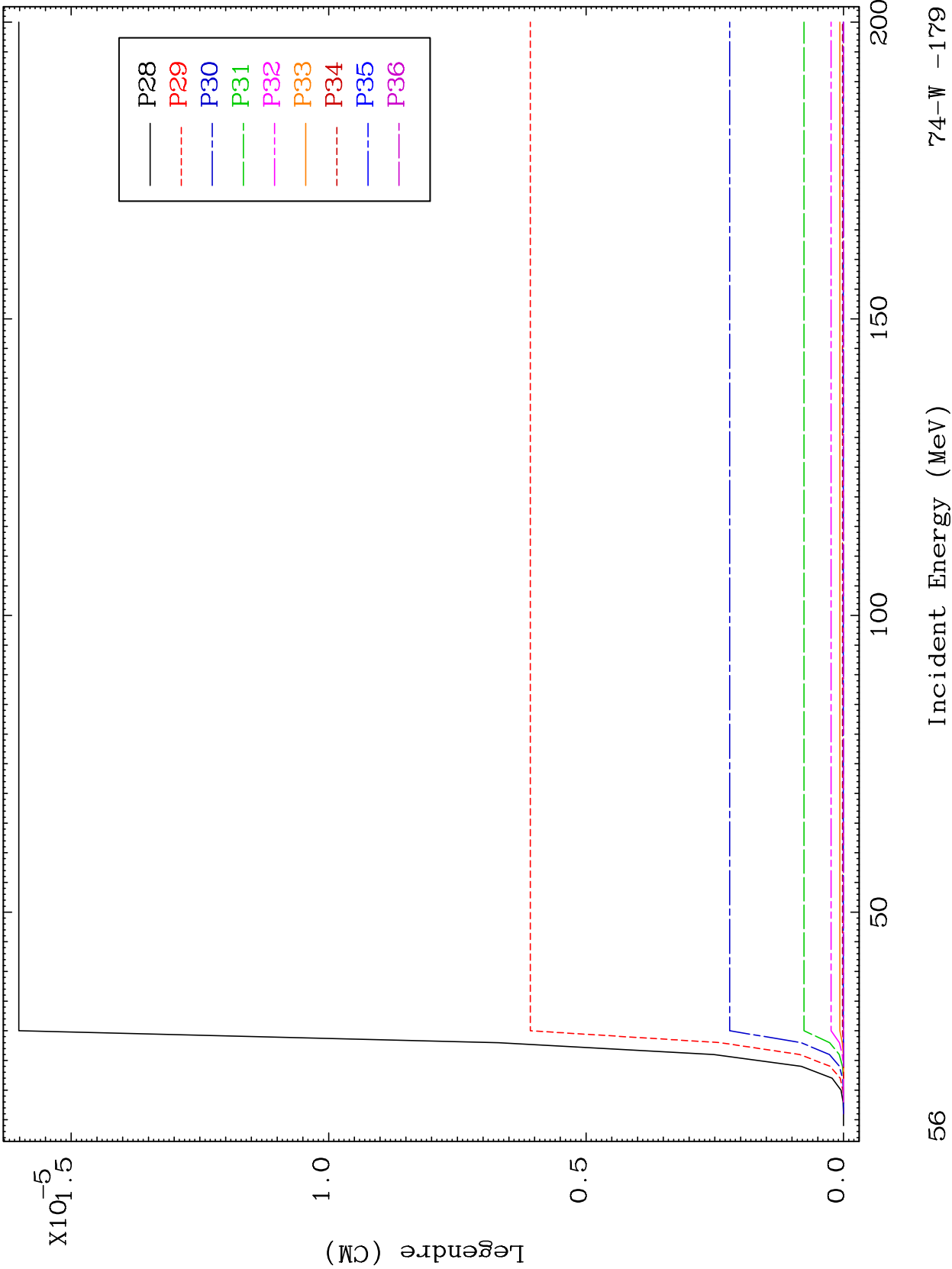
74-W -179

Incident Energy (MeV)

53



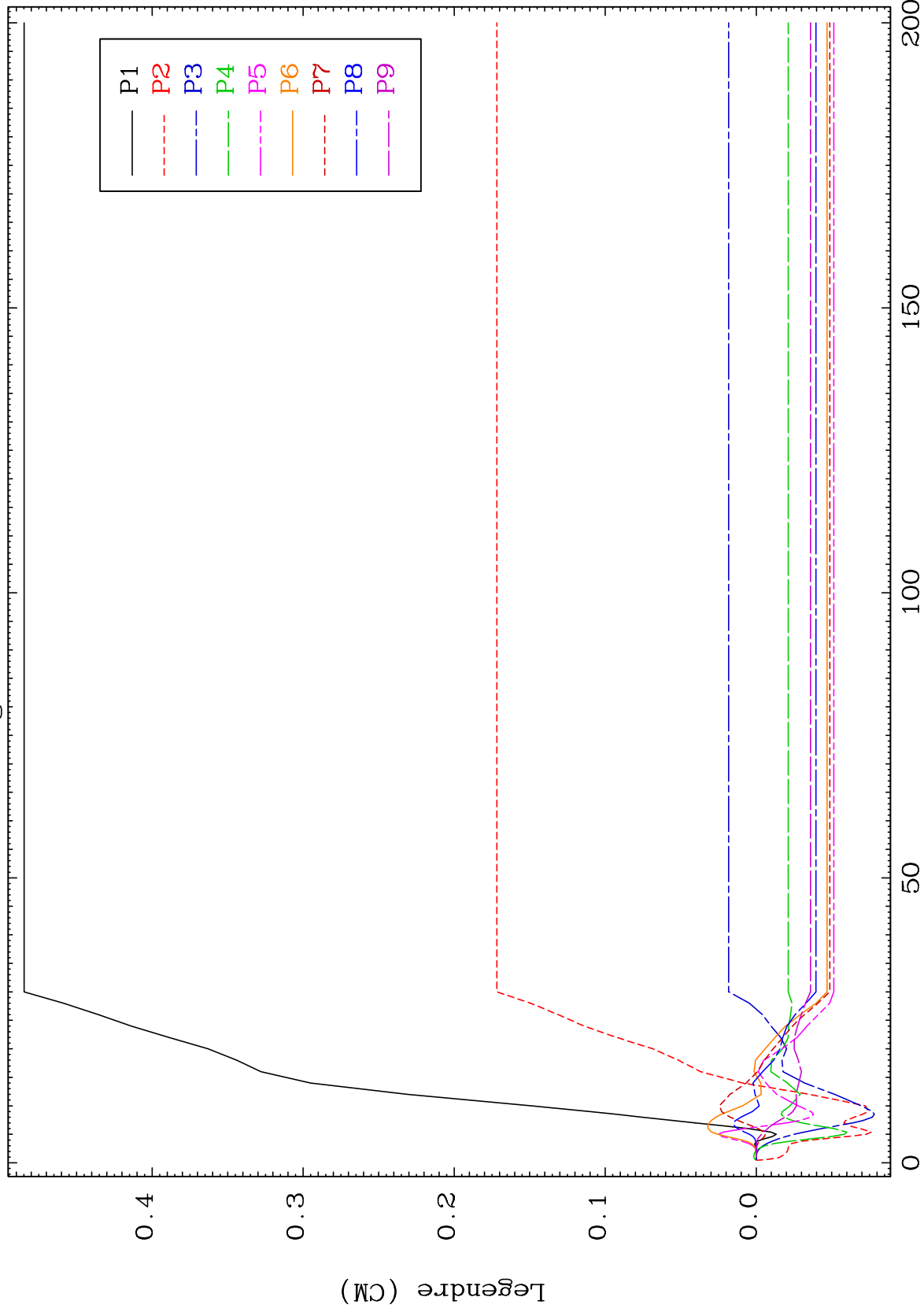




MAT 7422

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

74-W -179



57

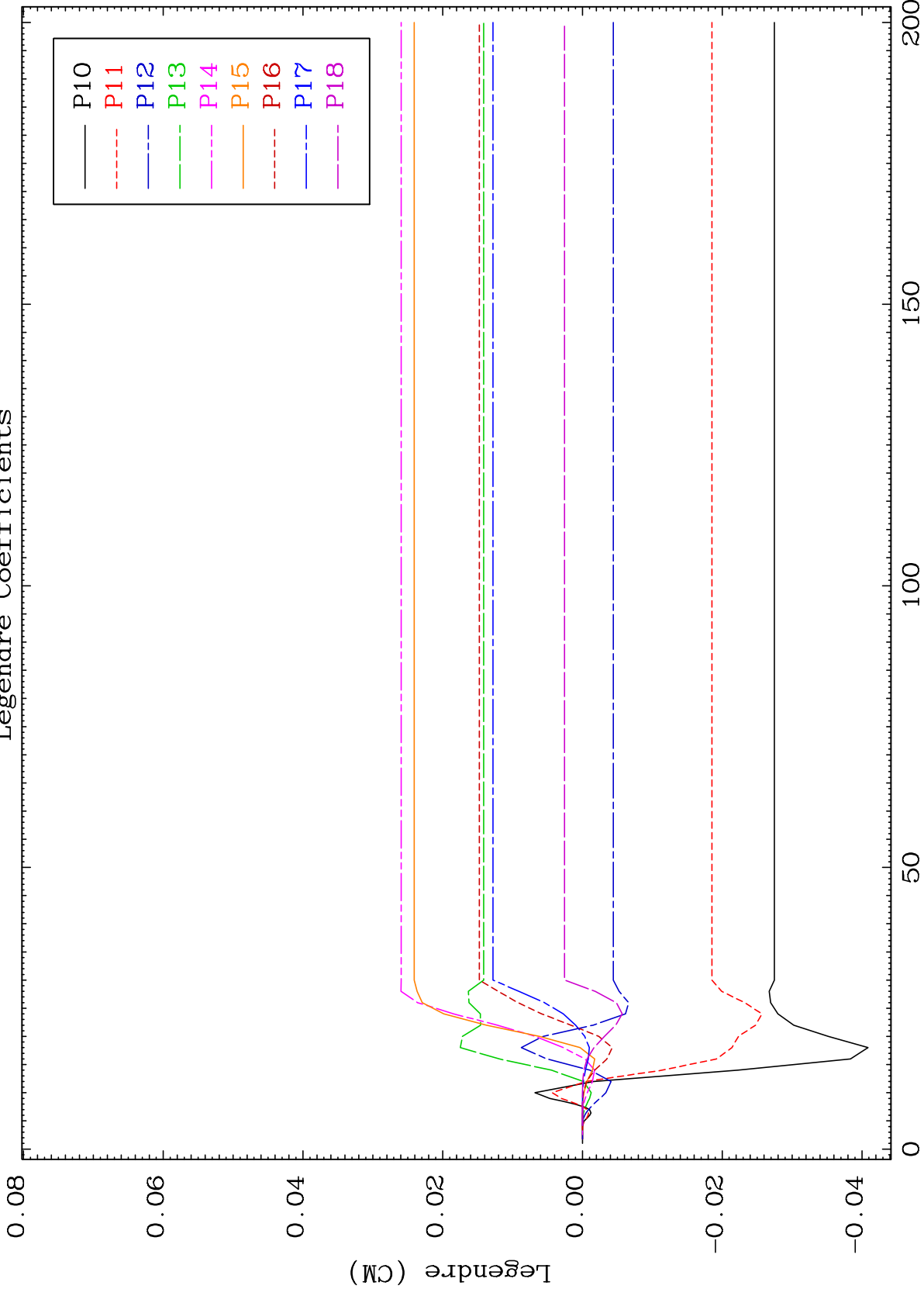
Incident Energy (MeV)

74-W -179

MAT 7422

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

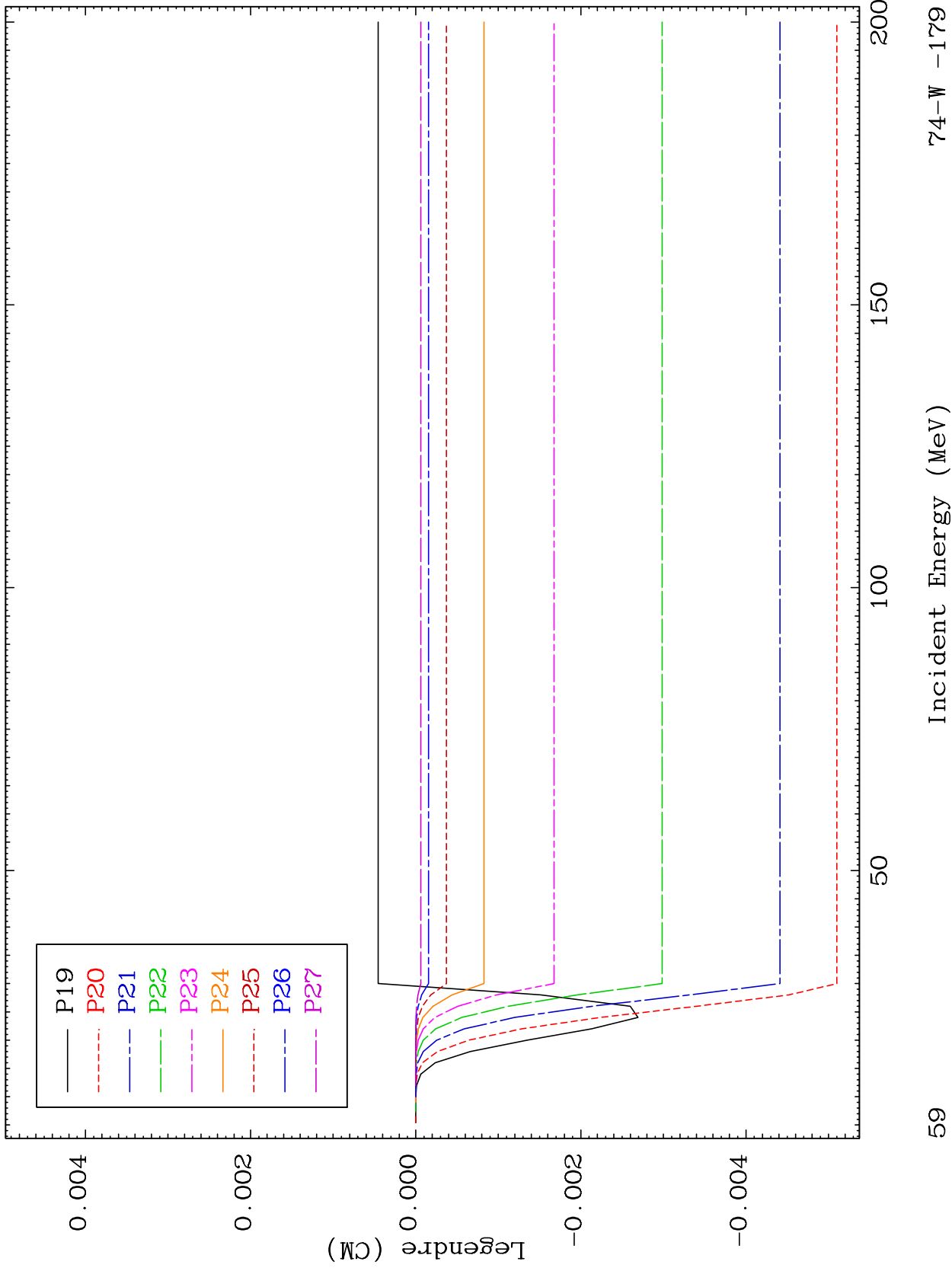
74-W -179



58

Incident Energy (MeV)

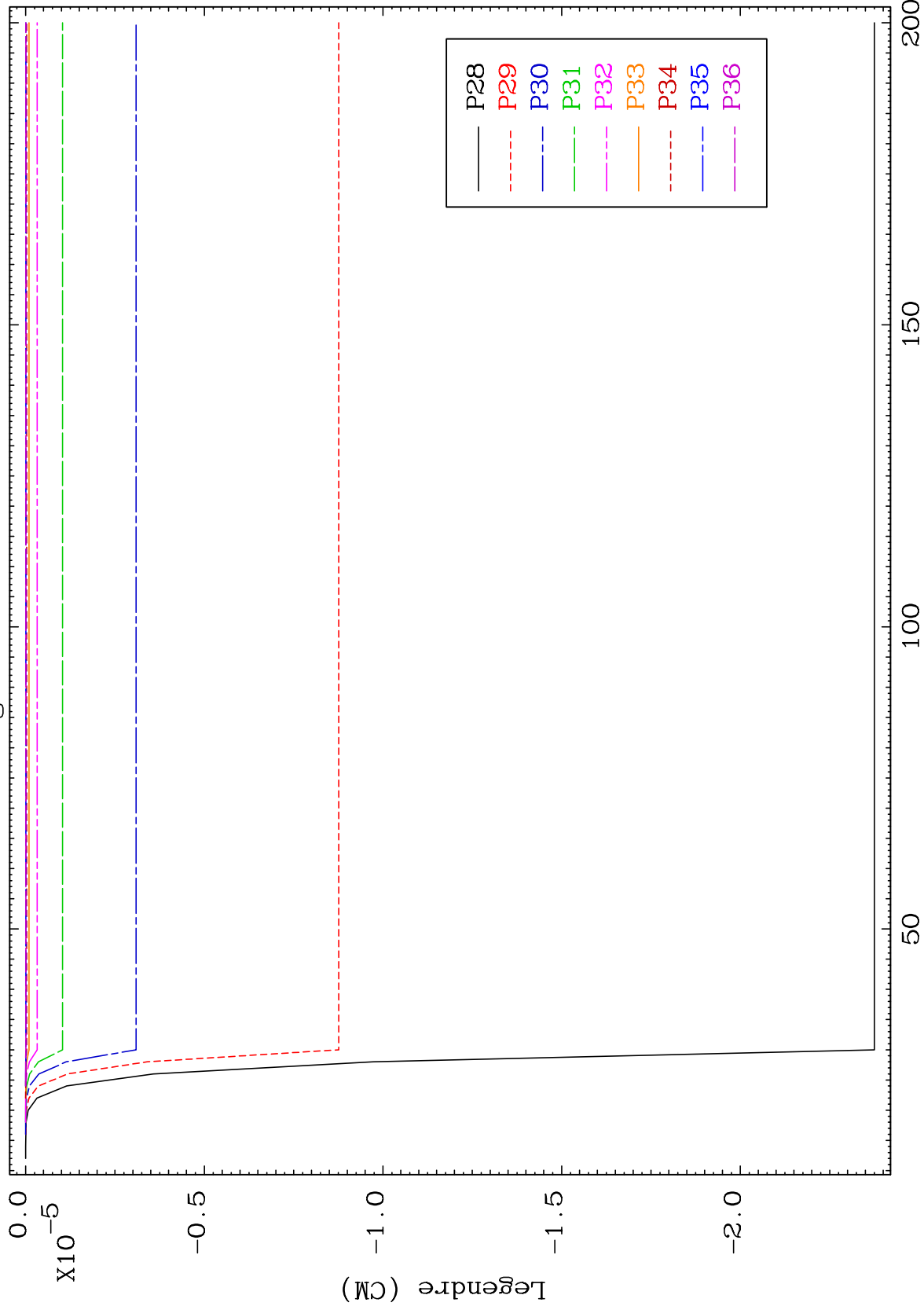
74-W -179



MAT 7422

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

74-W -179



74-W -179

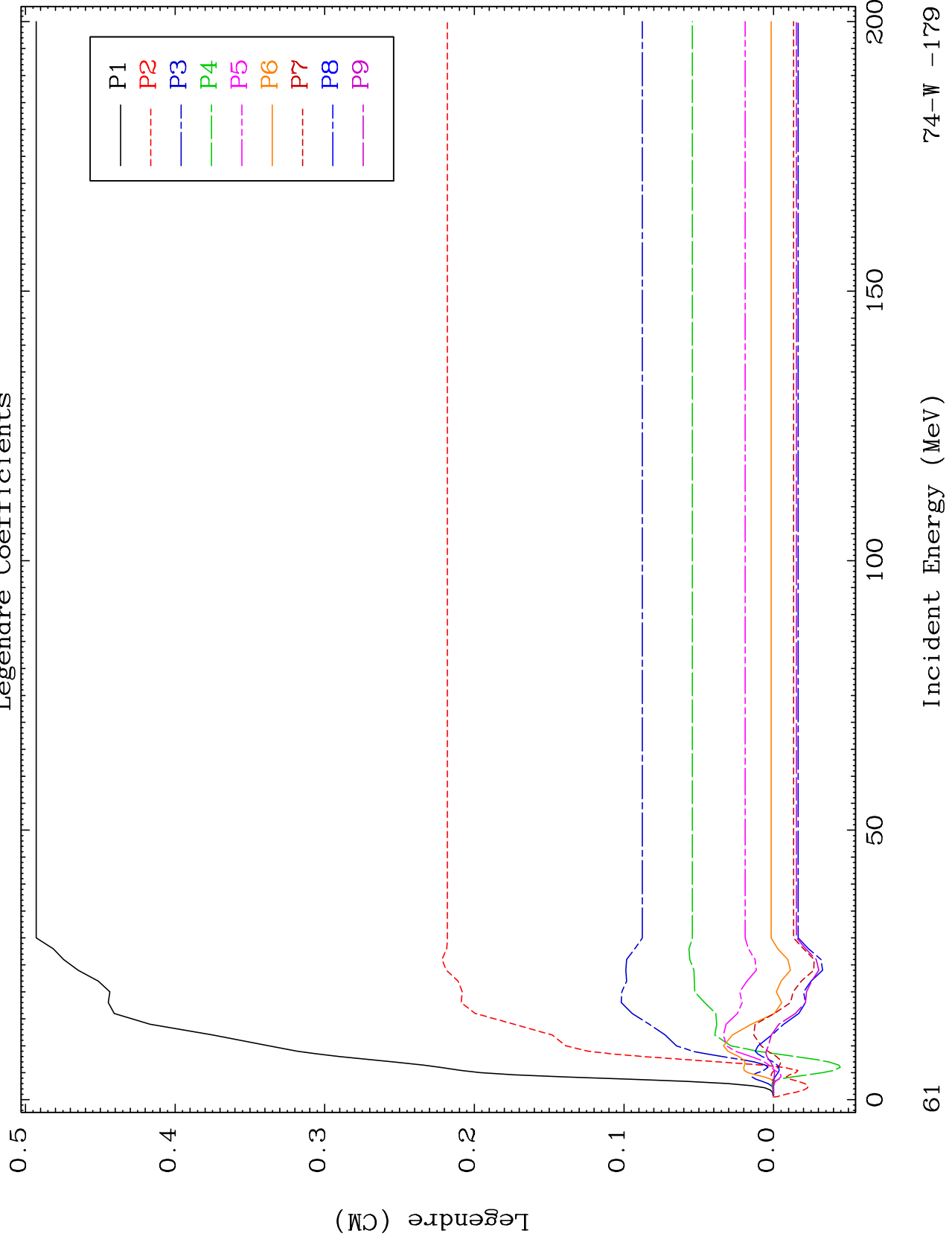
Incident Energy (MeV)

60

MAT 7422

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

74-W -179



74-W -179

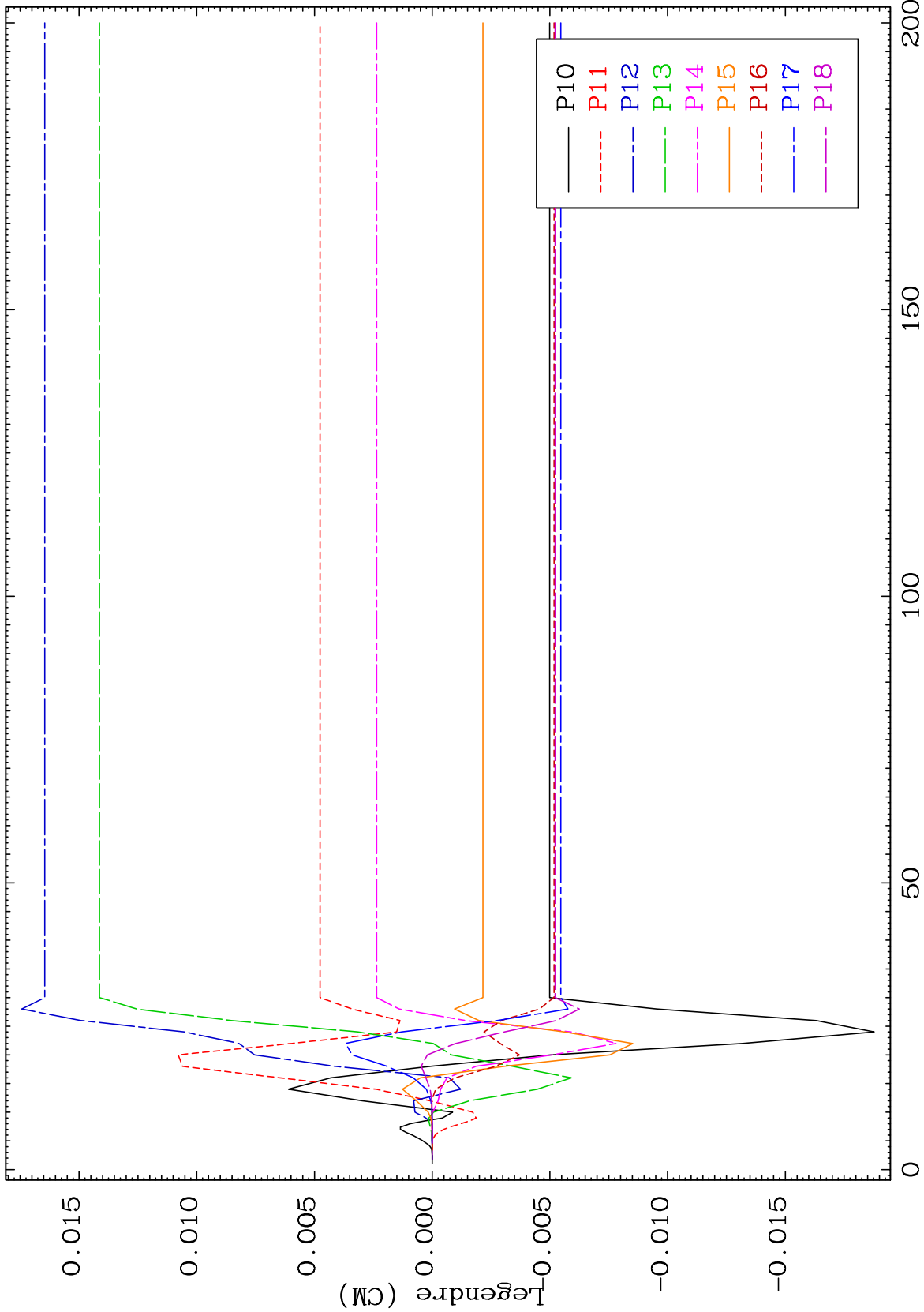
Incident Energy (MeV)

61

MAT 7422

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

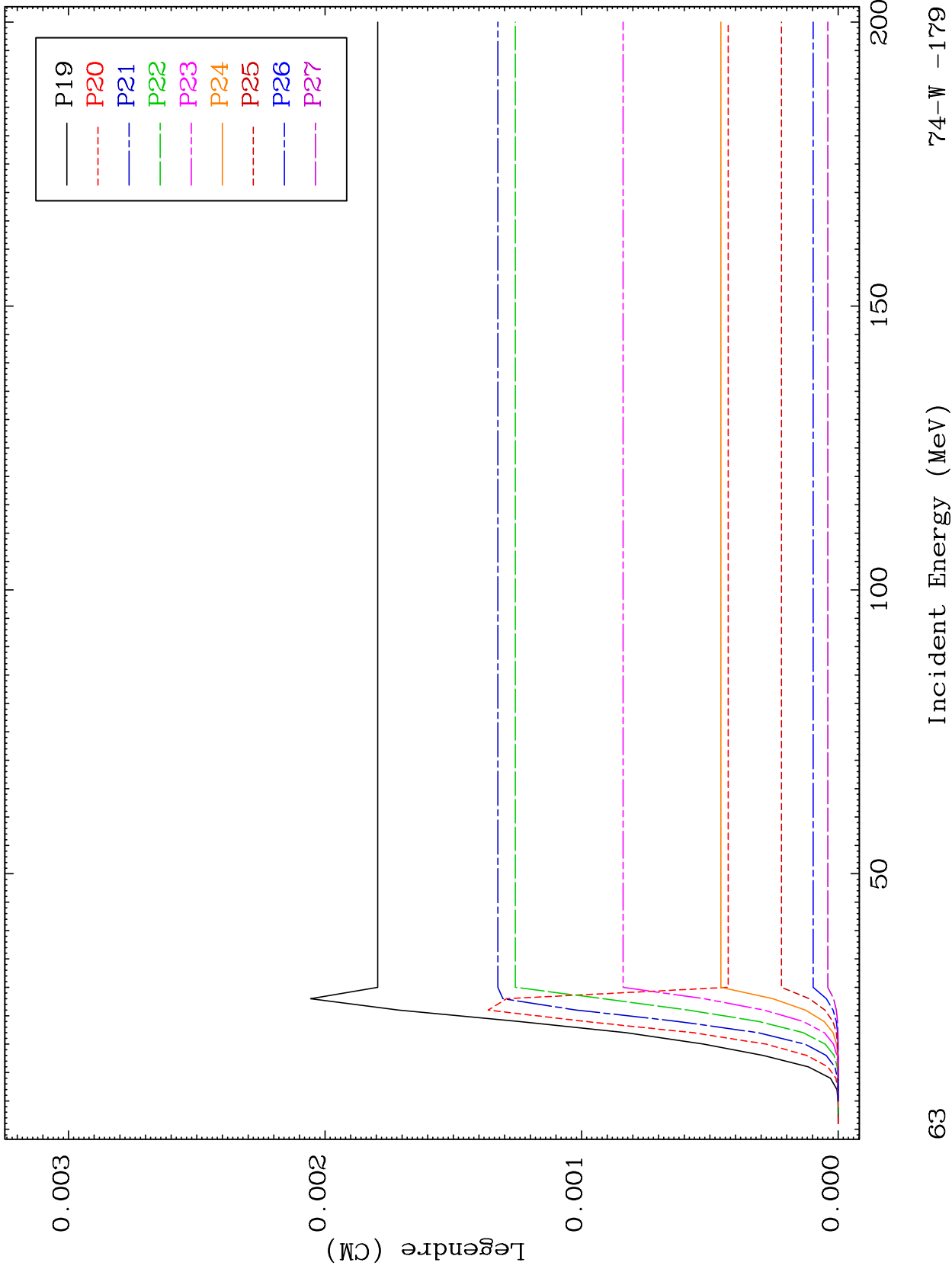
74-W -179



62

Incident Energy (MeV)

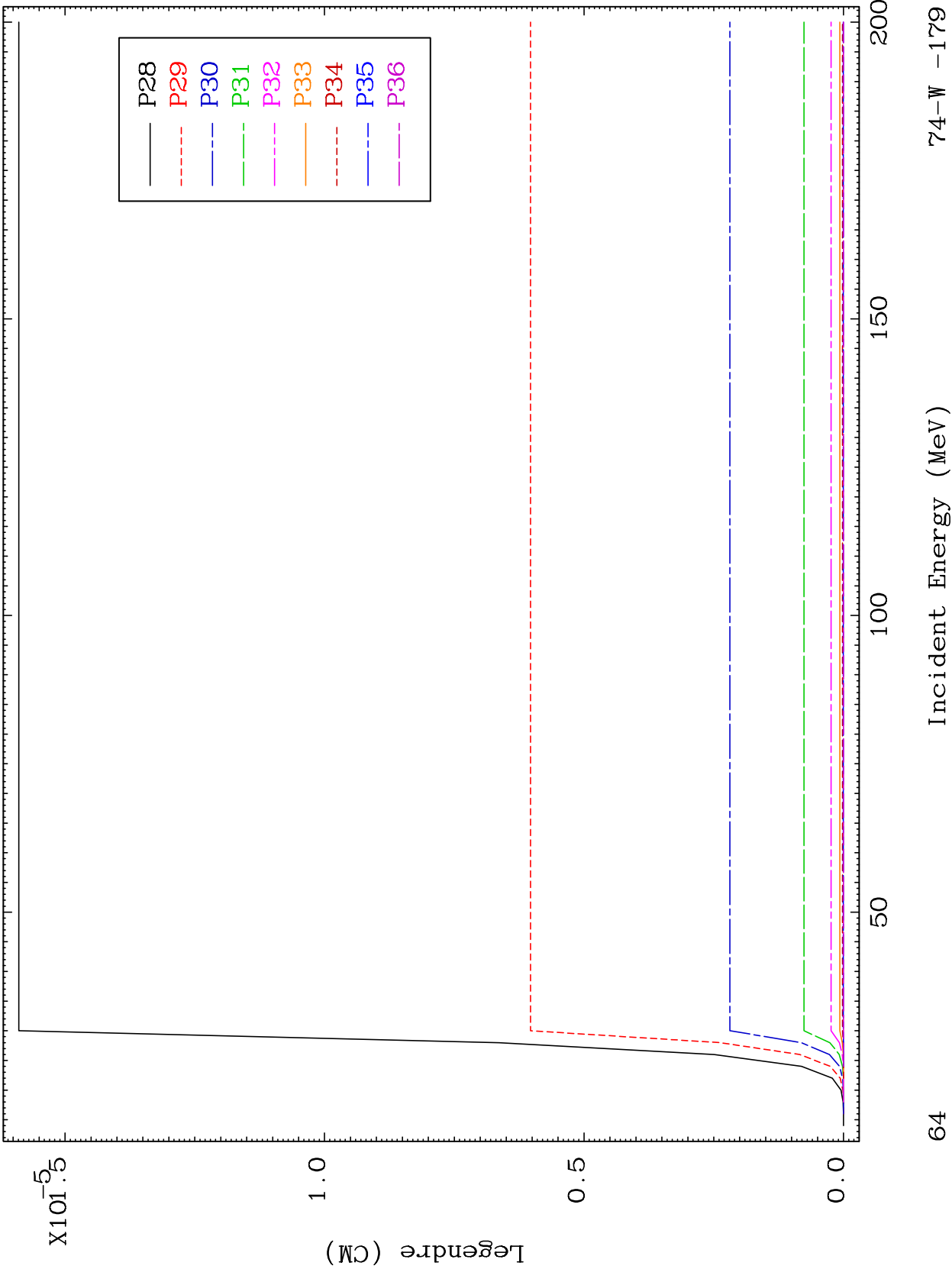
74-W -179



MAT 7422

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

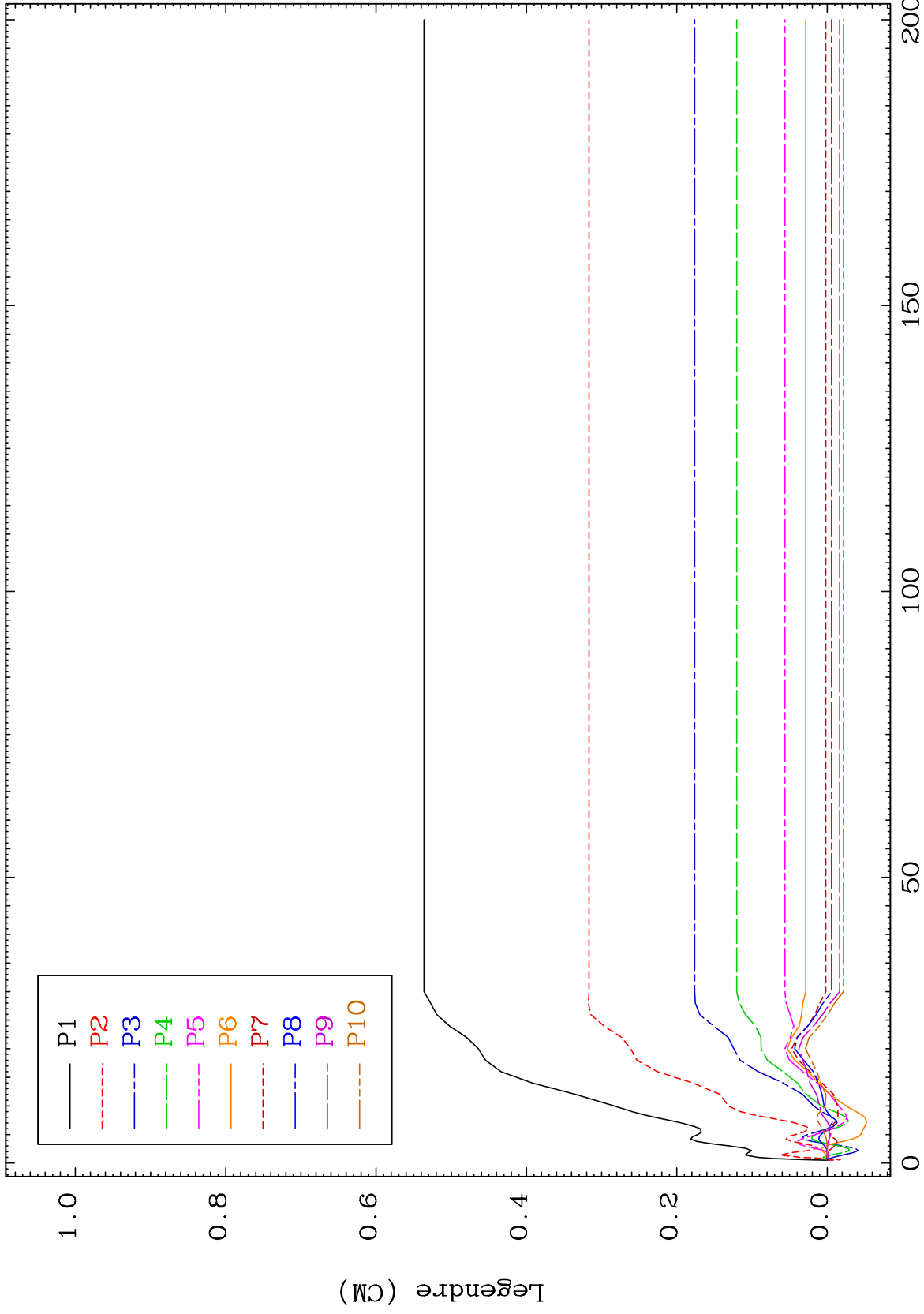
74-W -179



MAT 7422

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

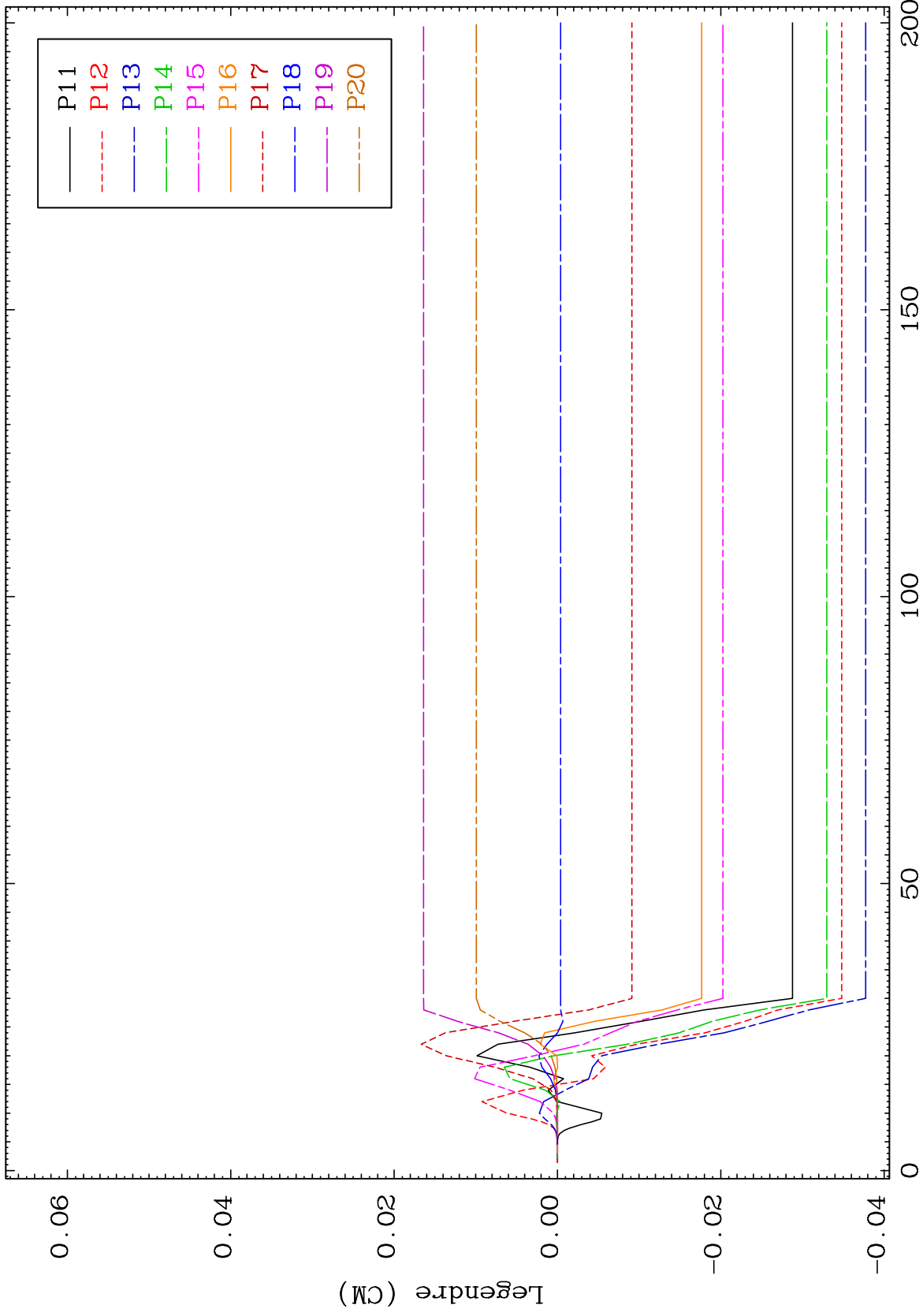
74-W -179

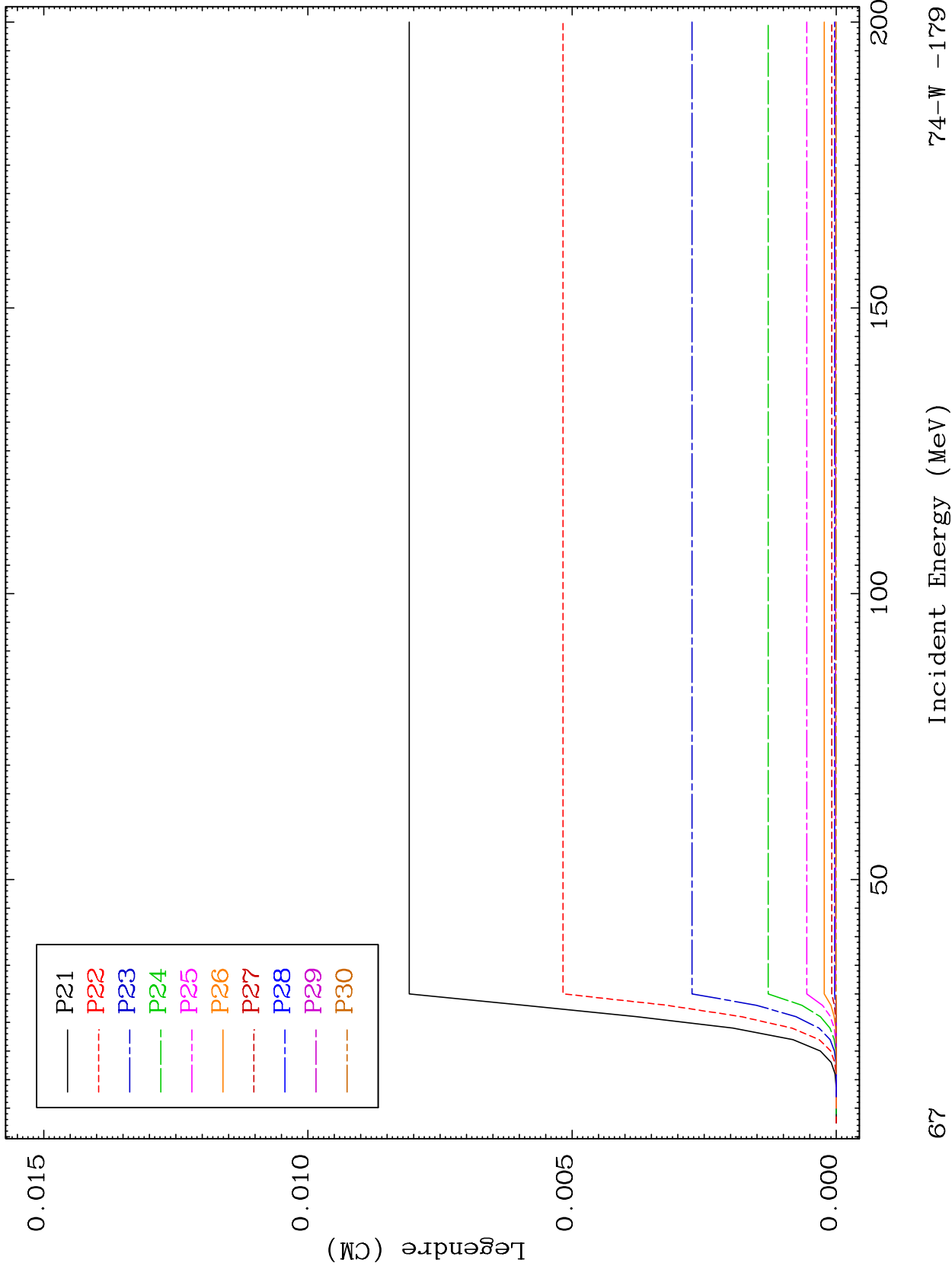


74-W -179

Incident Energy (MeV)

65

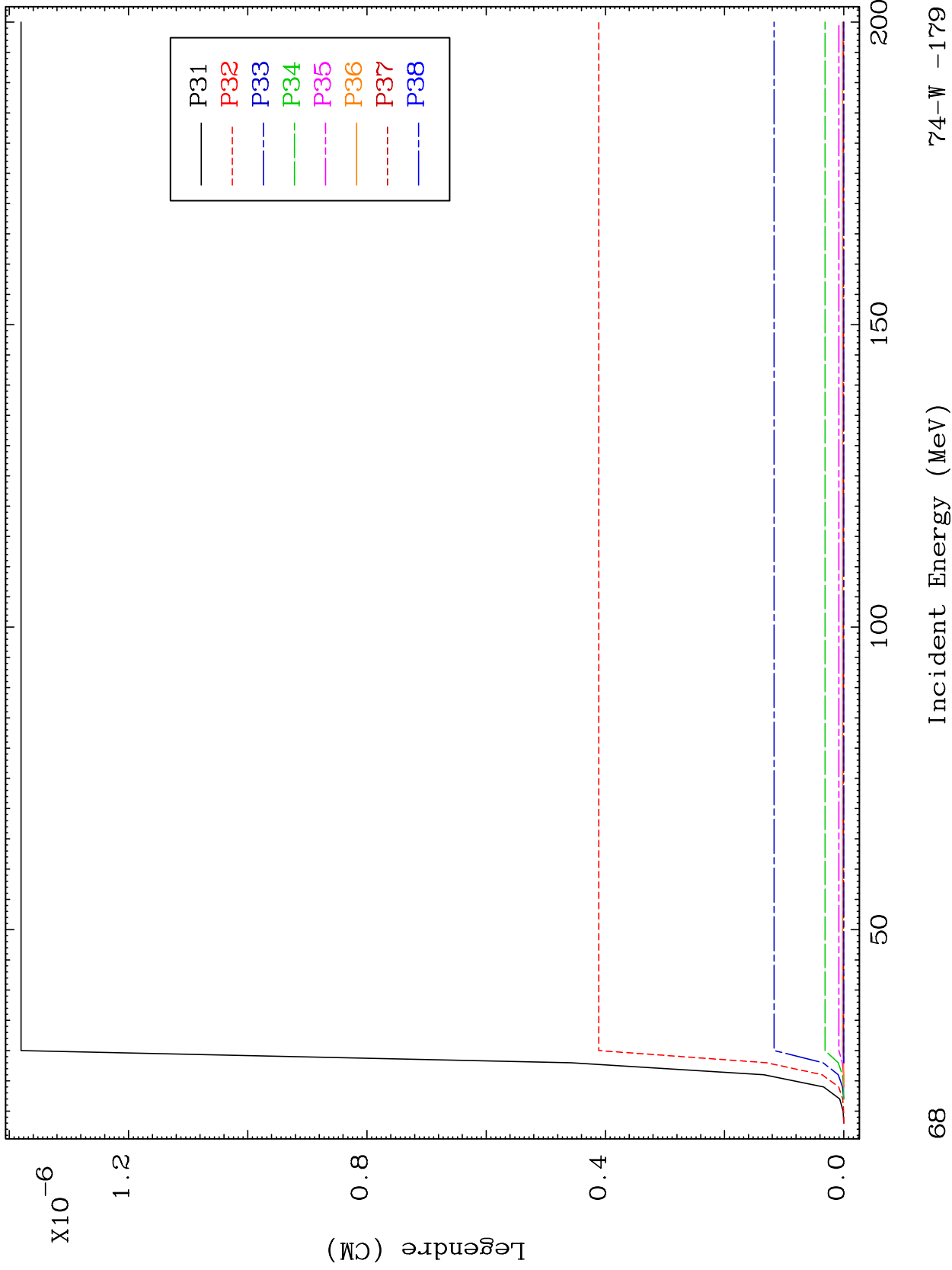




MAT 7422

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

74-W -179



68

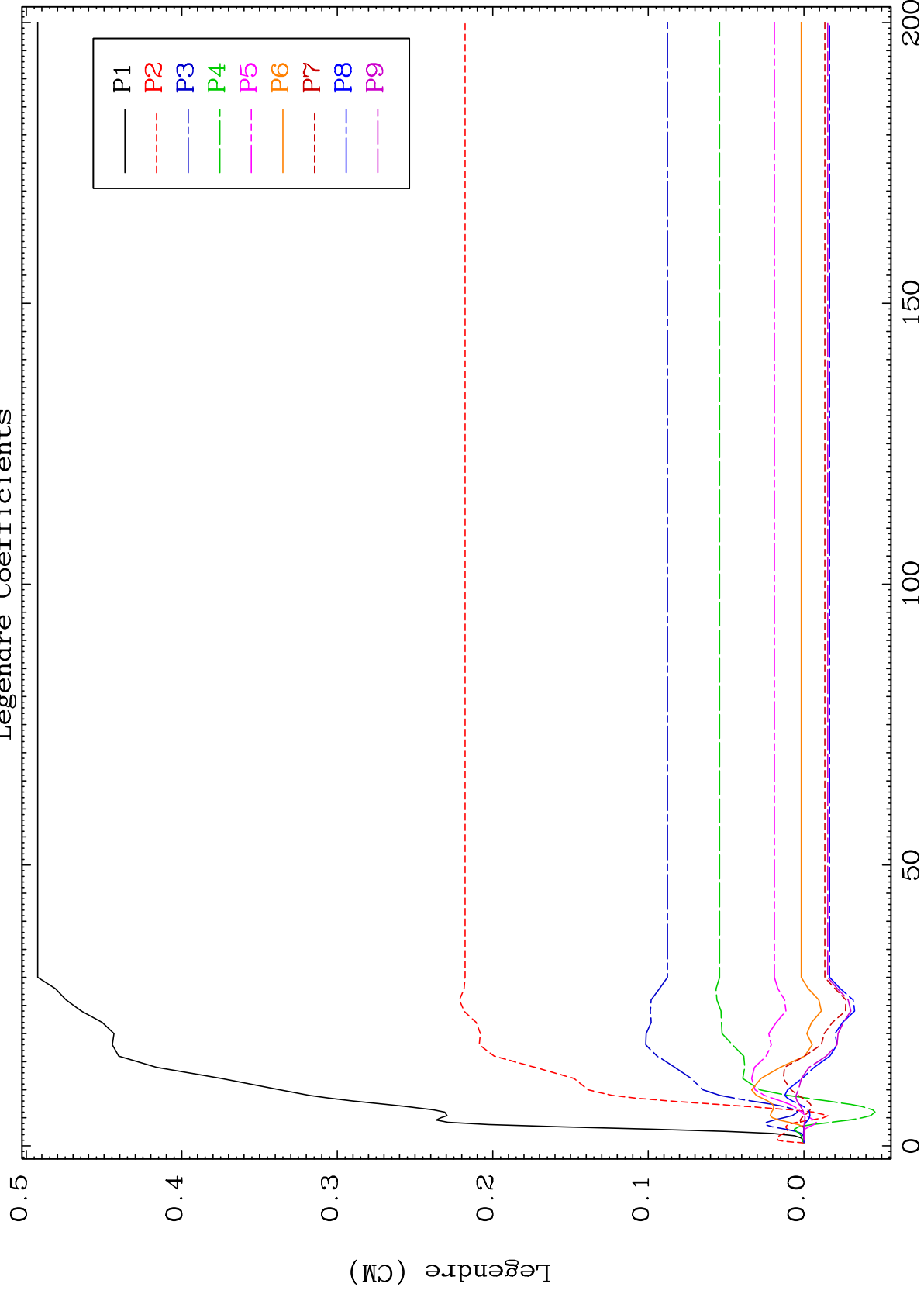
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



69

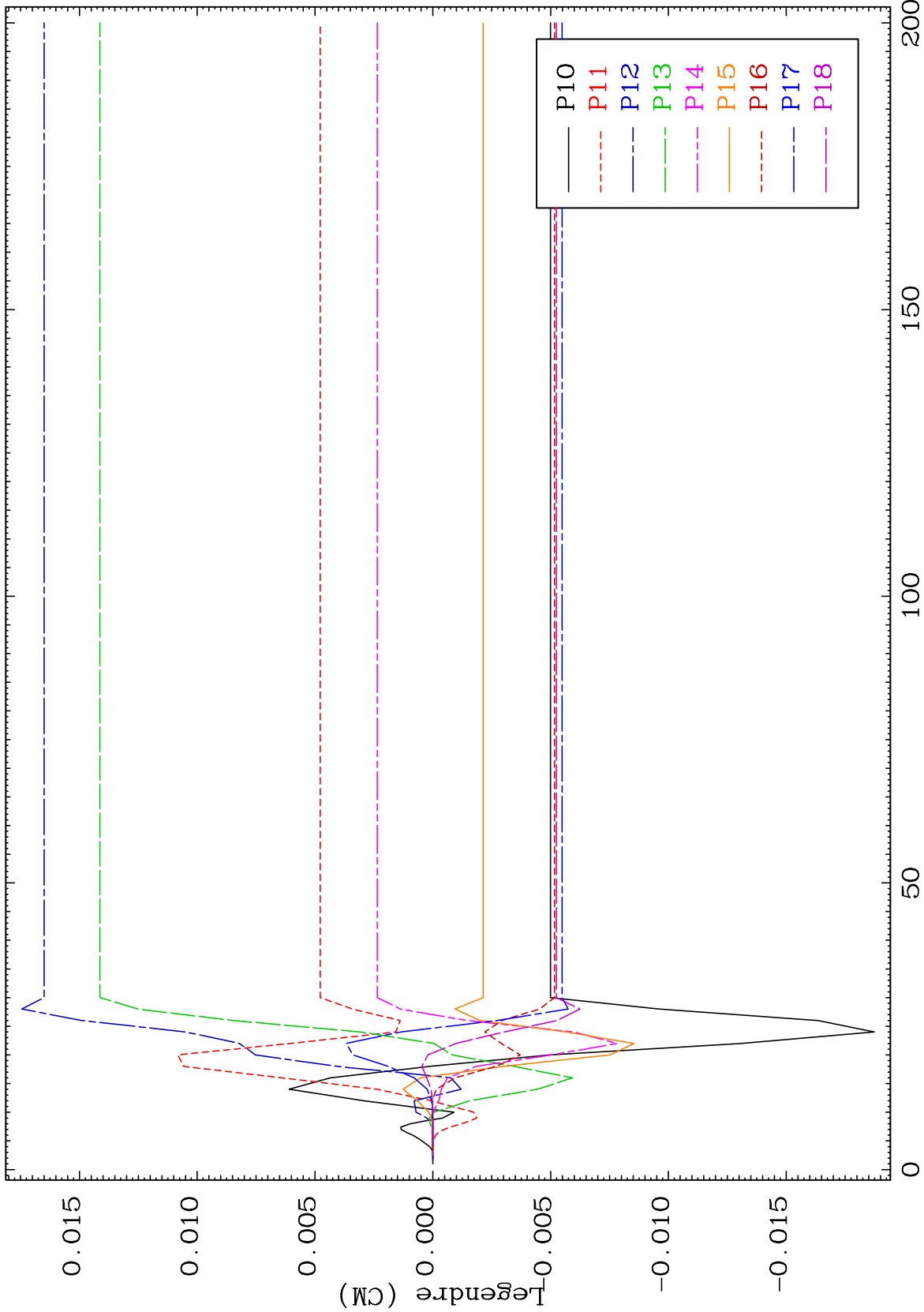
Incident Energy (MeV)

74-W -179

MAT 7422

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

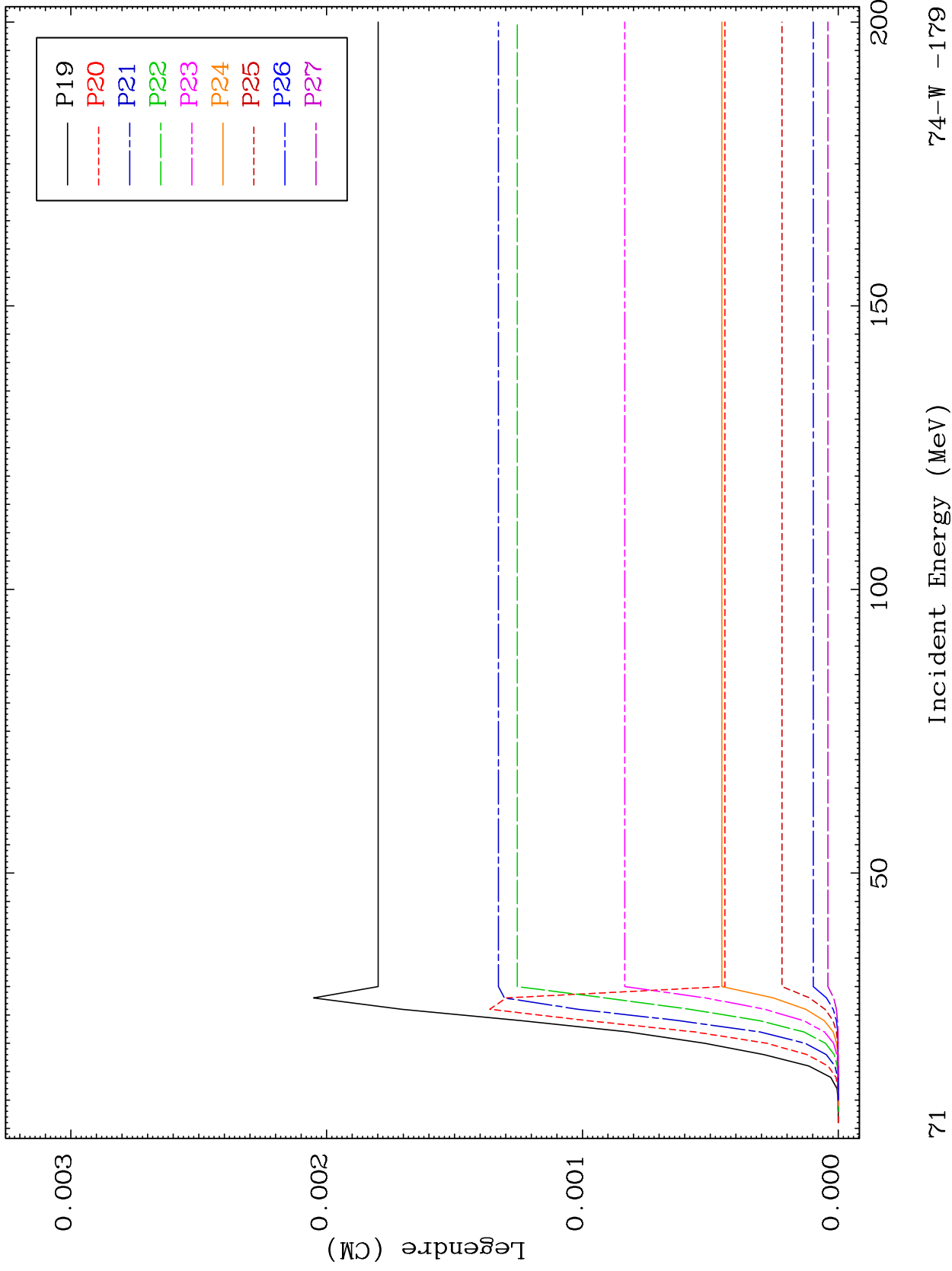
74-W -179



70

Incident Energy (MeV)

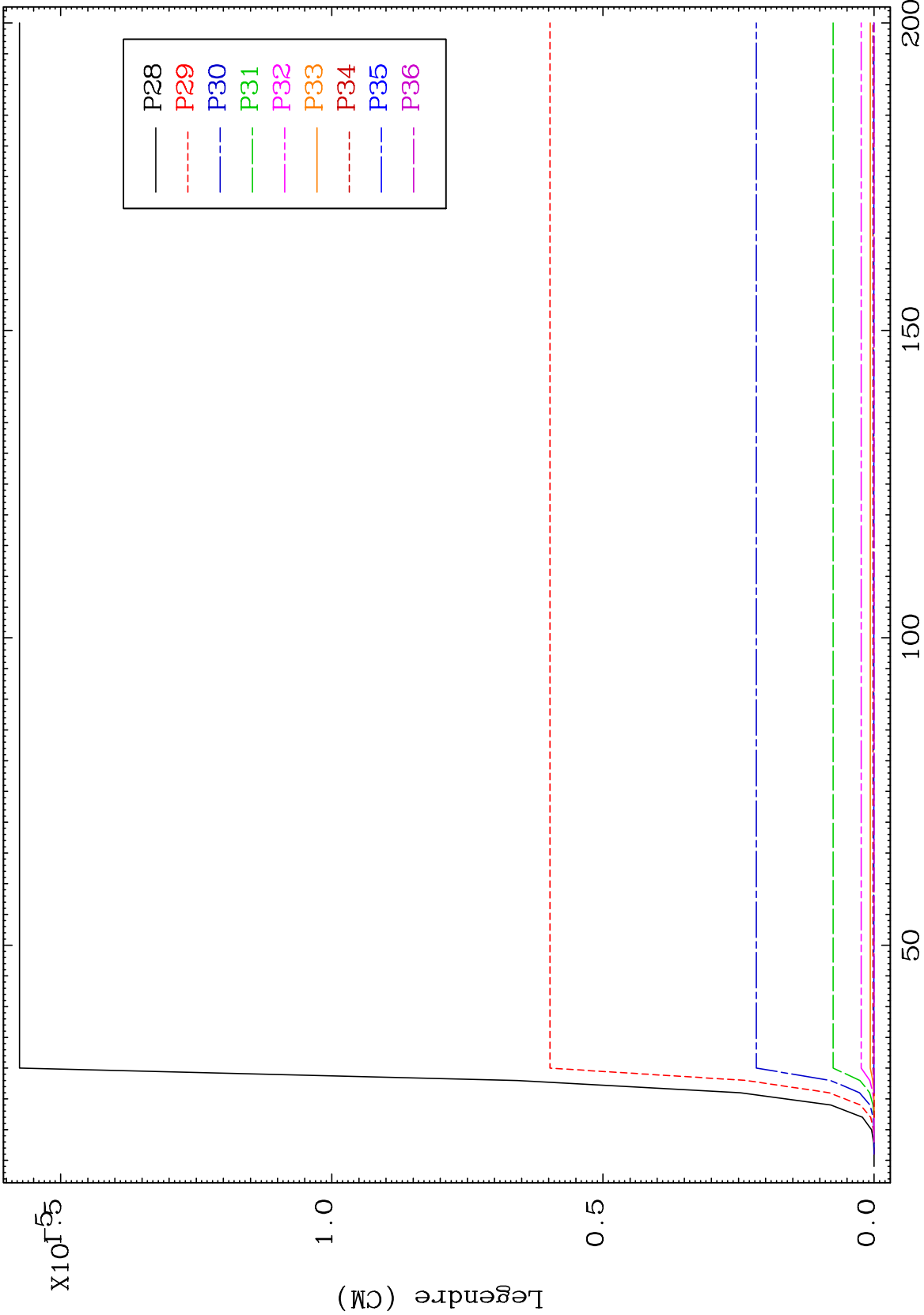
74-W -179



MAT 7422

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

74-W -179



72

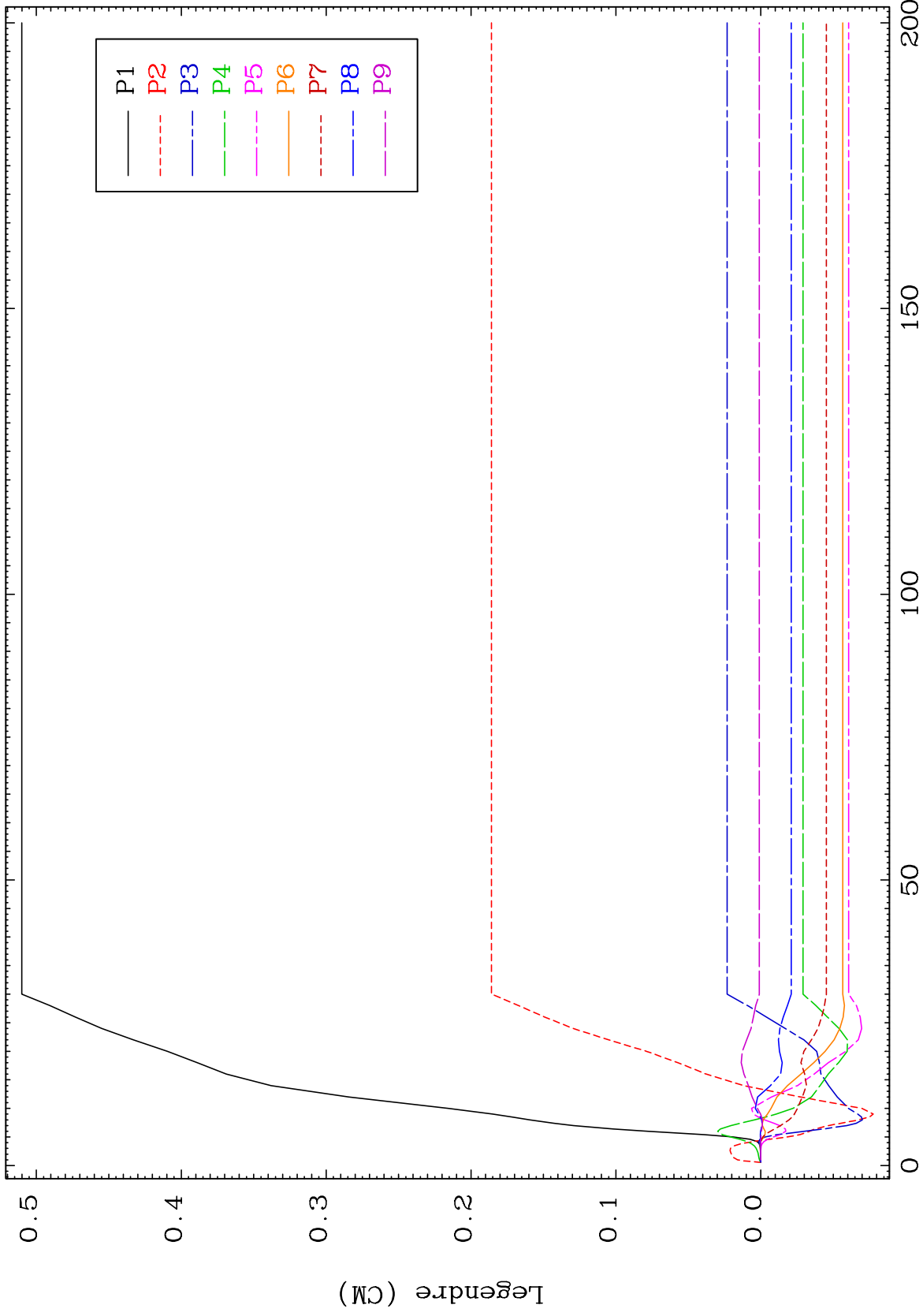
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



73

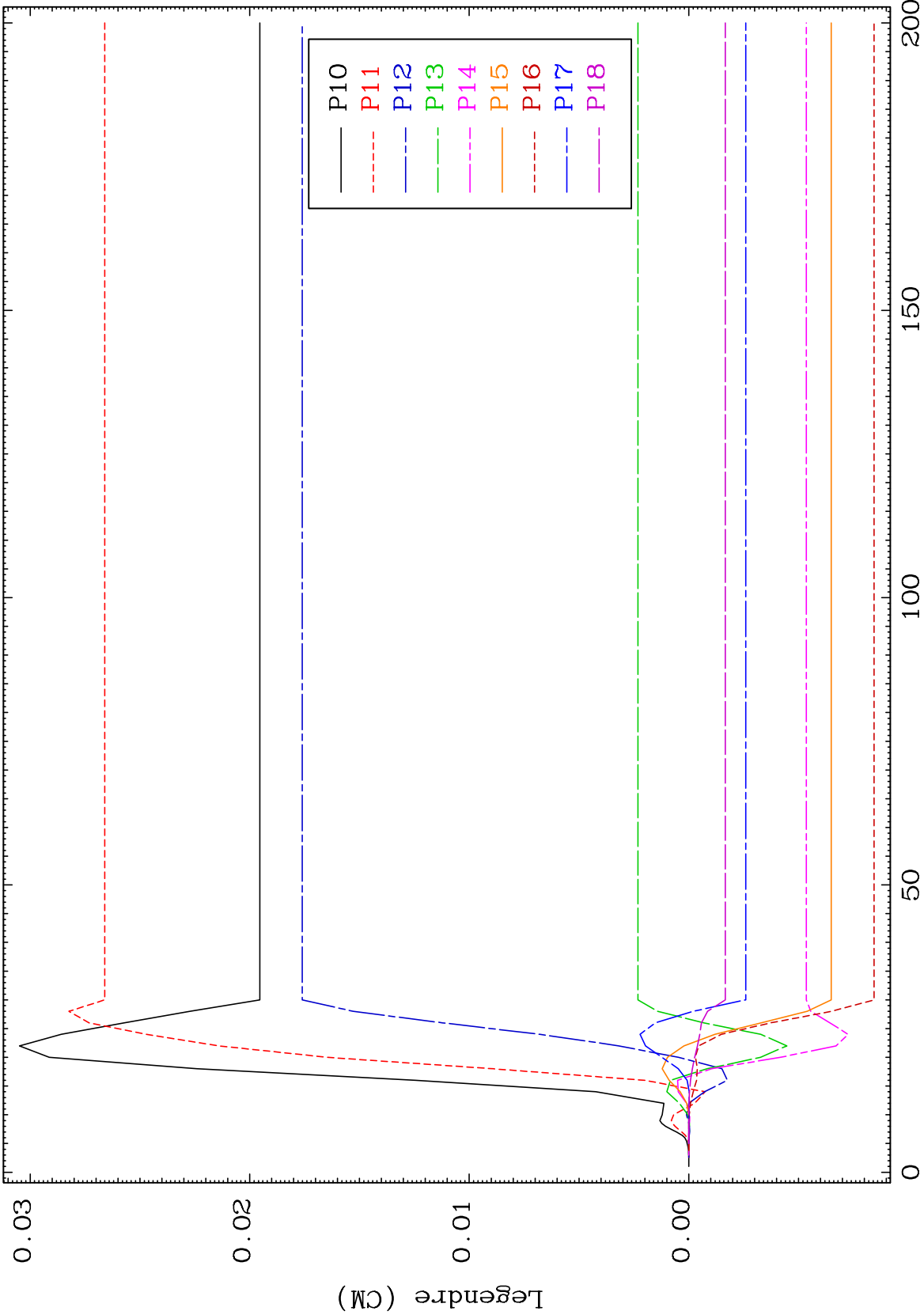
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



74

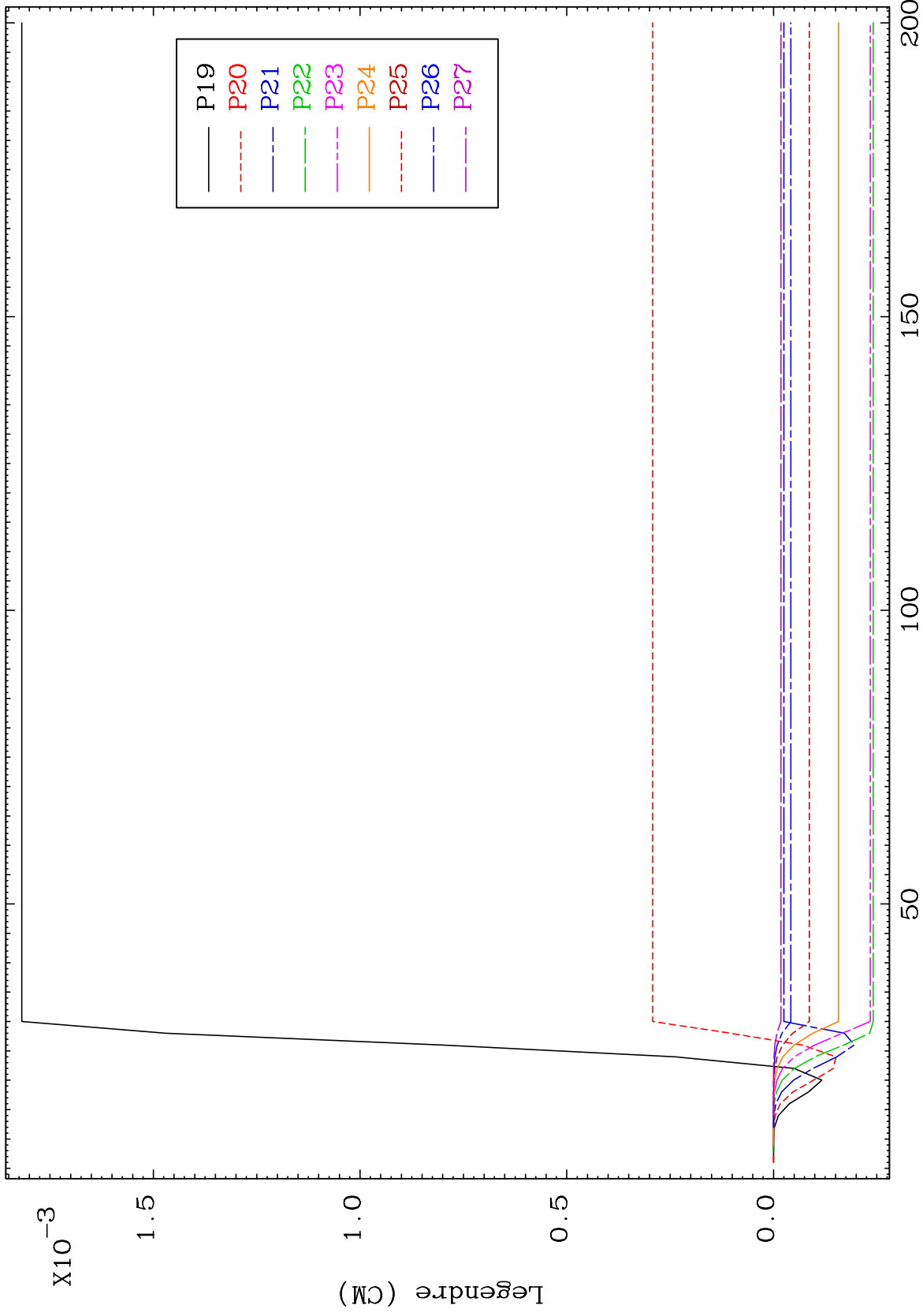
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



75

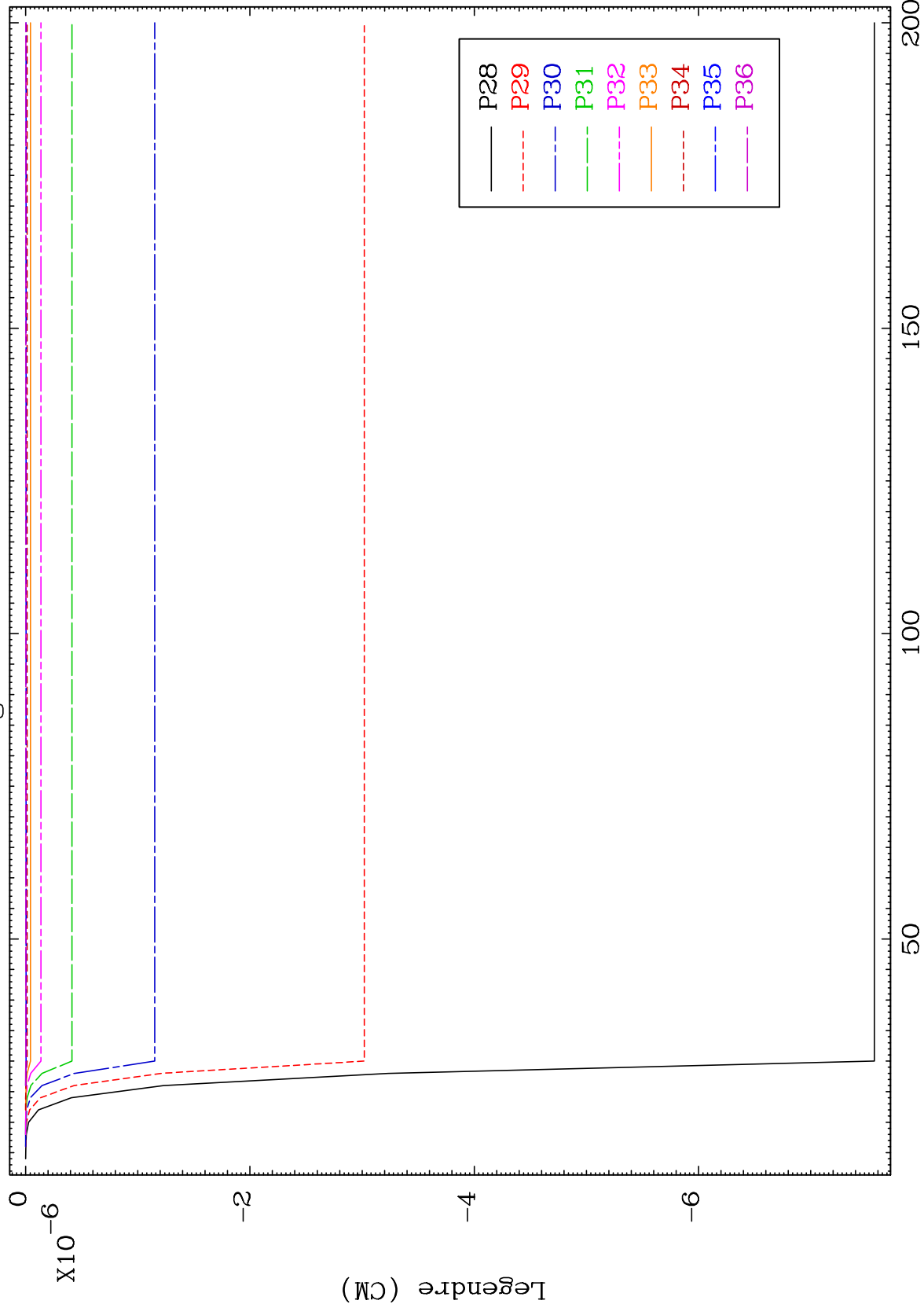
Incident Energy (MeV)

74-W -179

MAT 7422

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

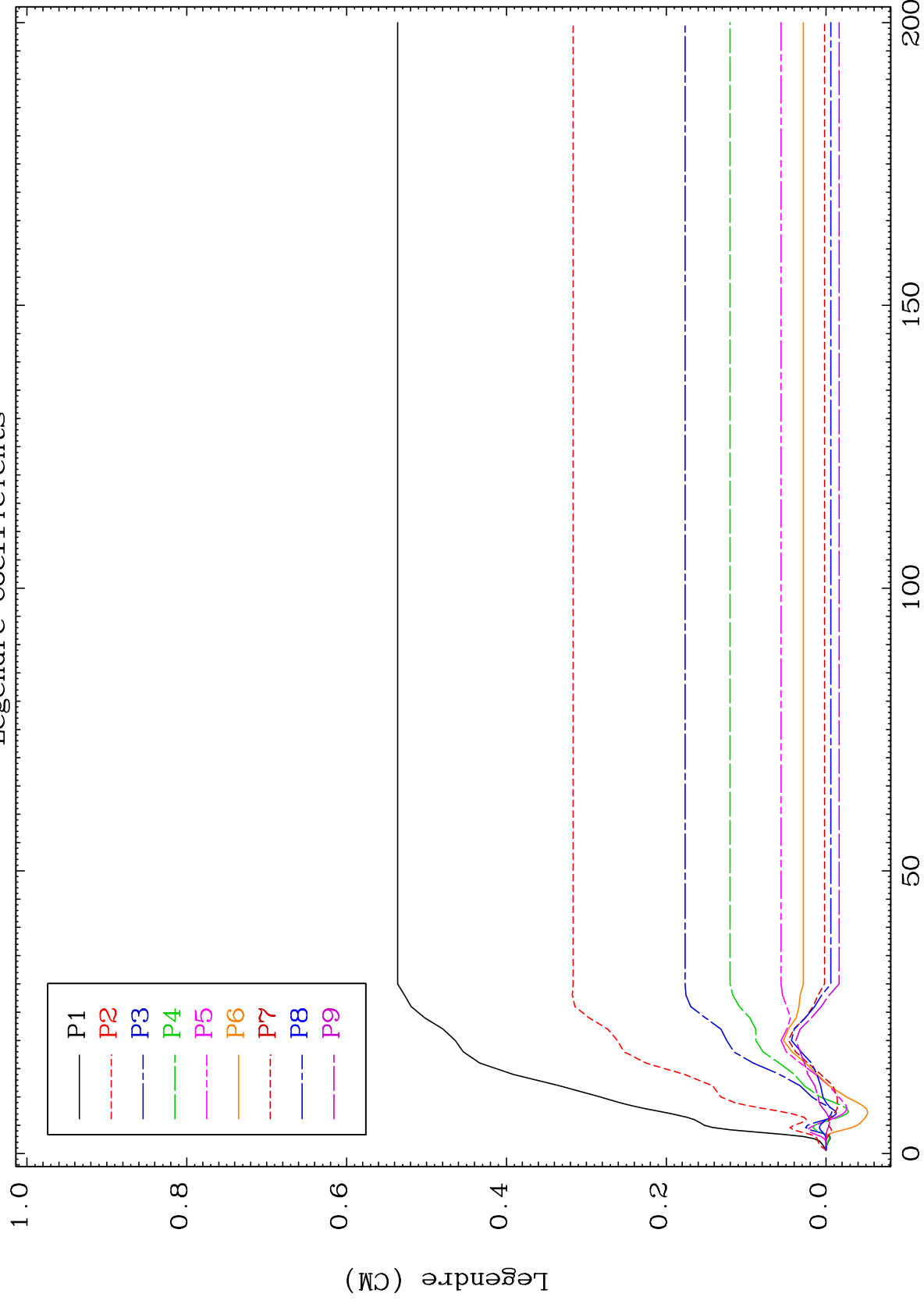
74-W -179

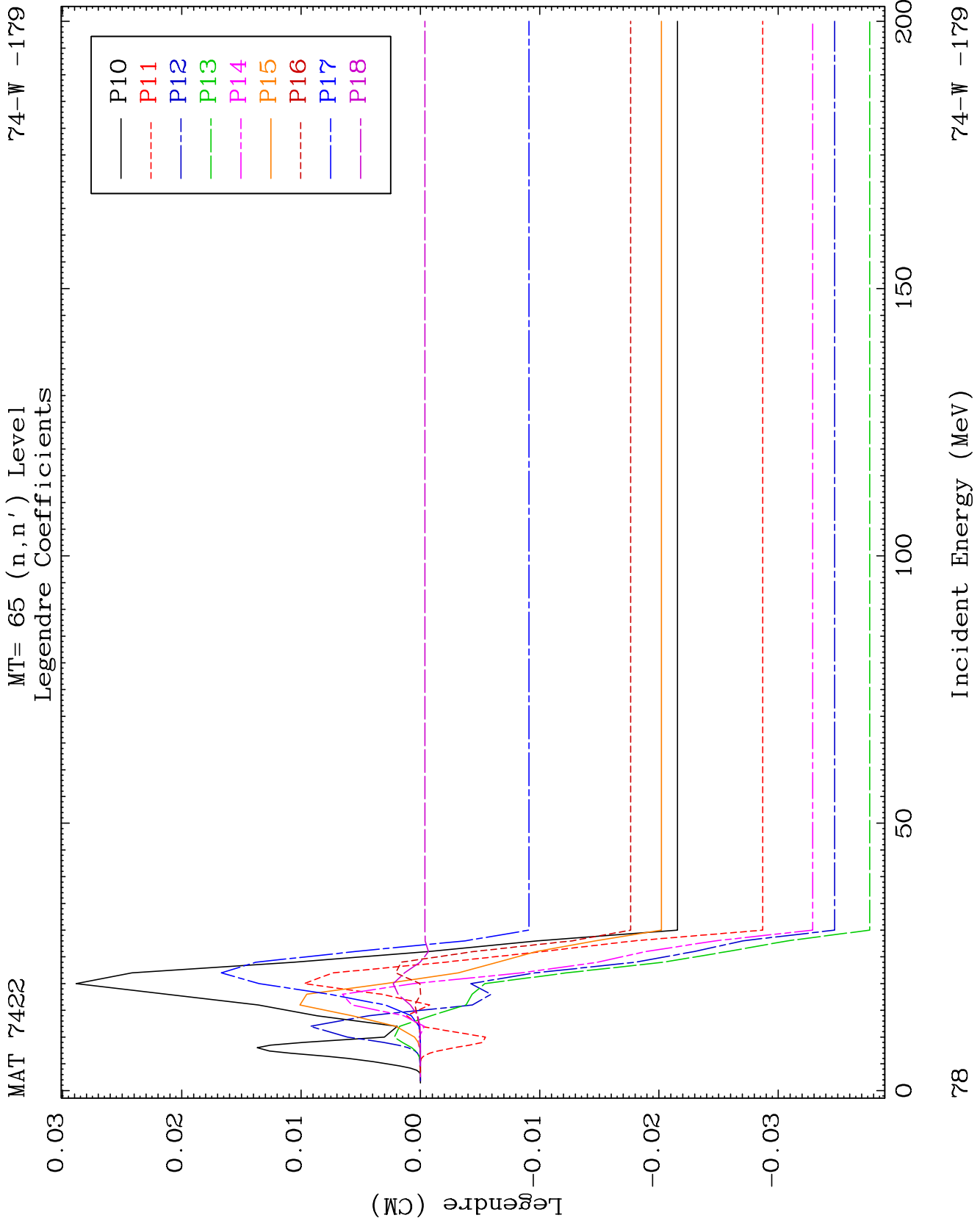


76

Incident Energy (MeV)

74-W -179

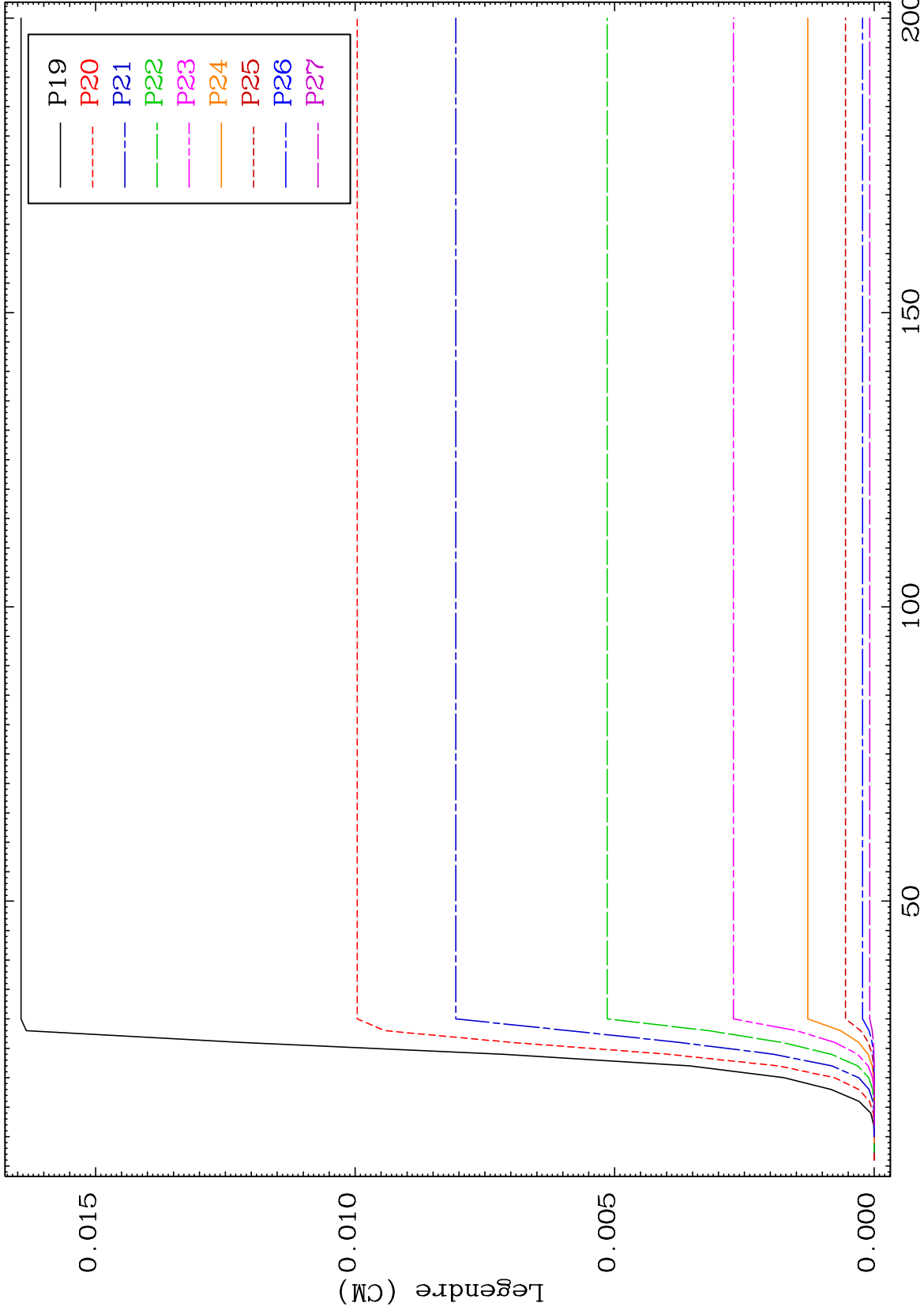




MAT 7422

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

74-W -179



79

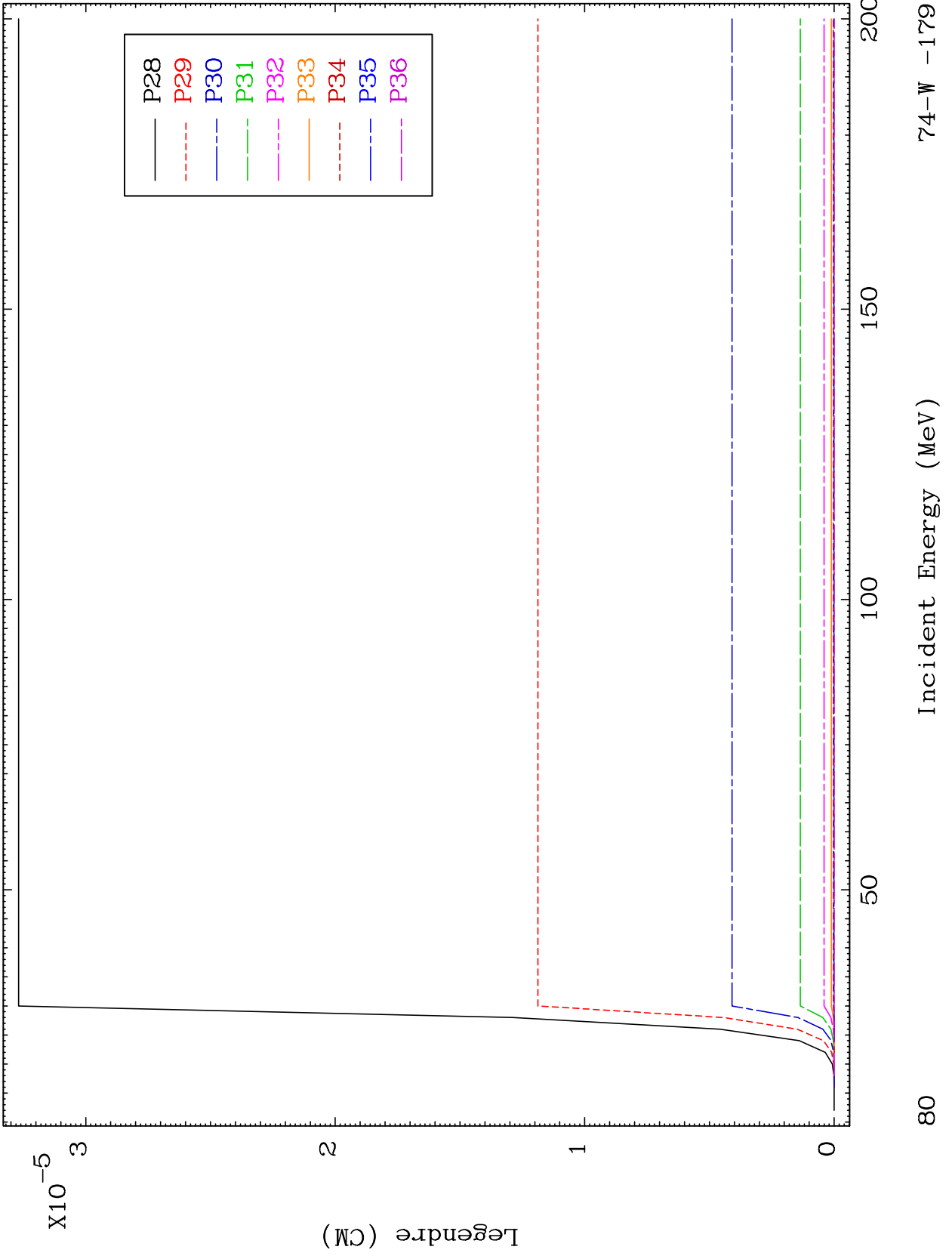
Incident Energy (MeV)

74-W -179

MAT 7422

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

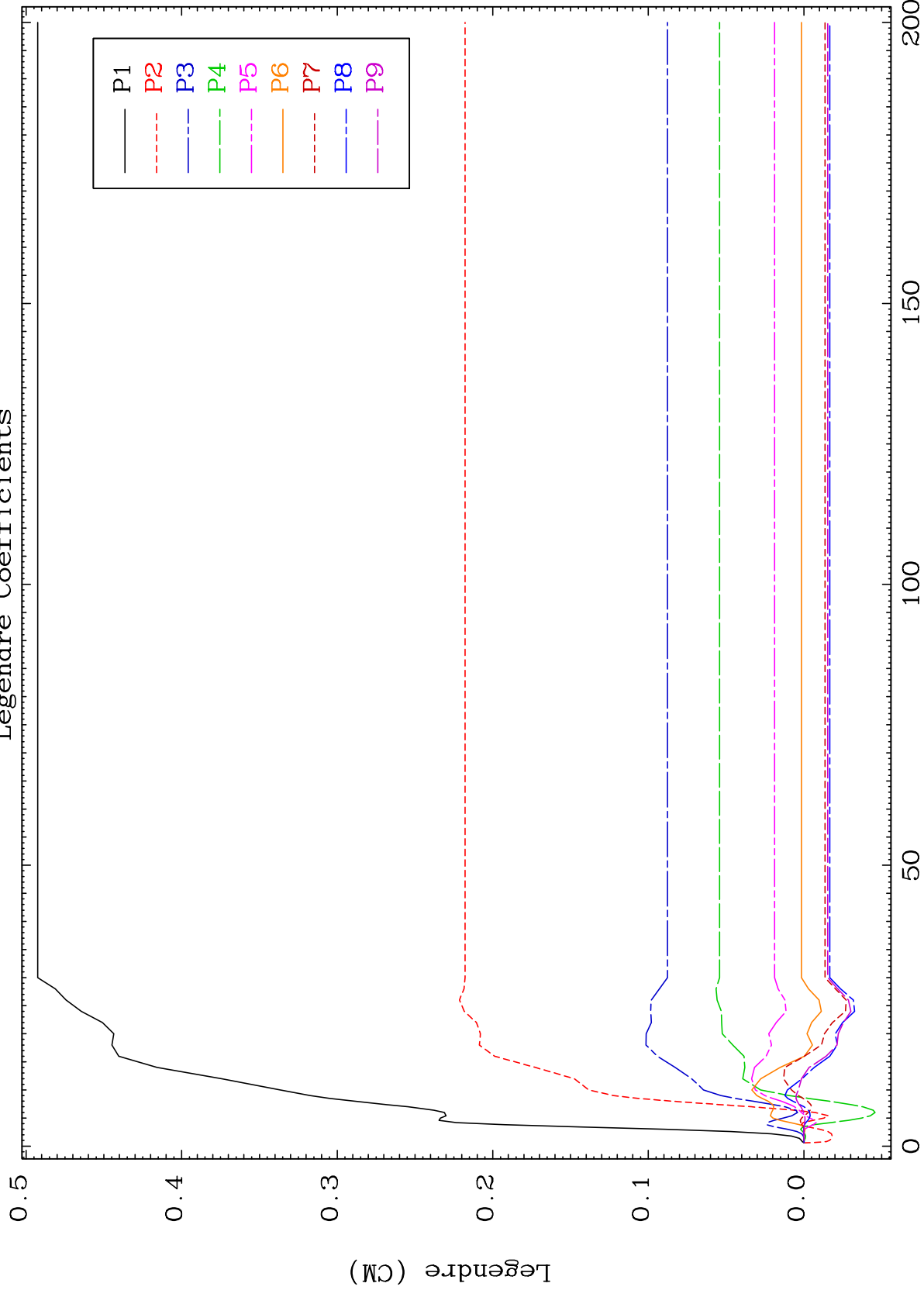
74-W -179



MAT 7422

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

74-W -179



81

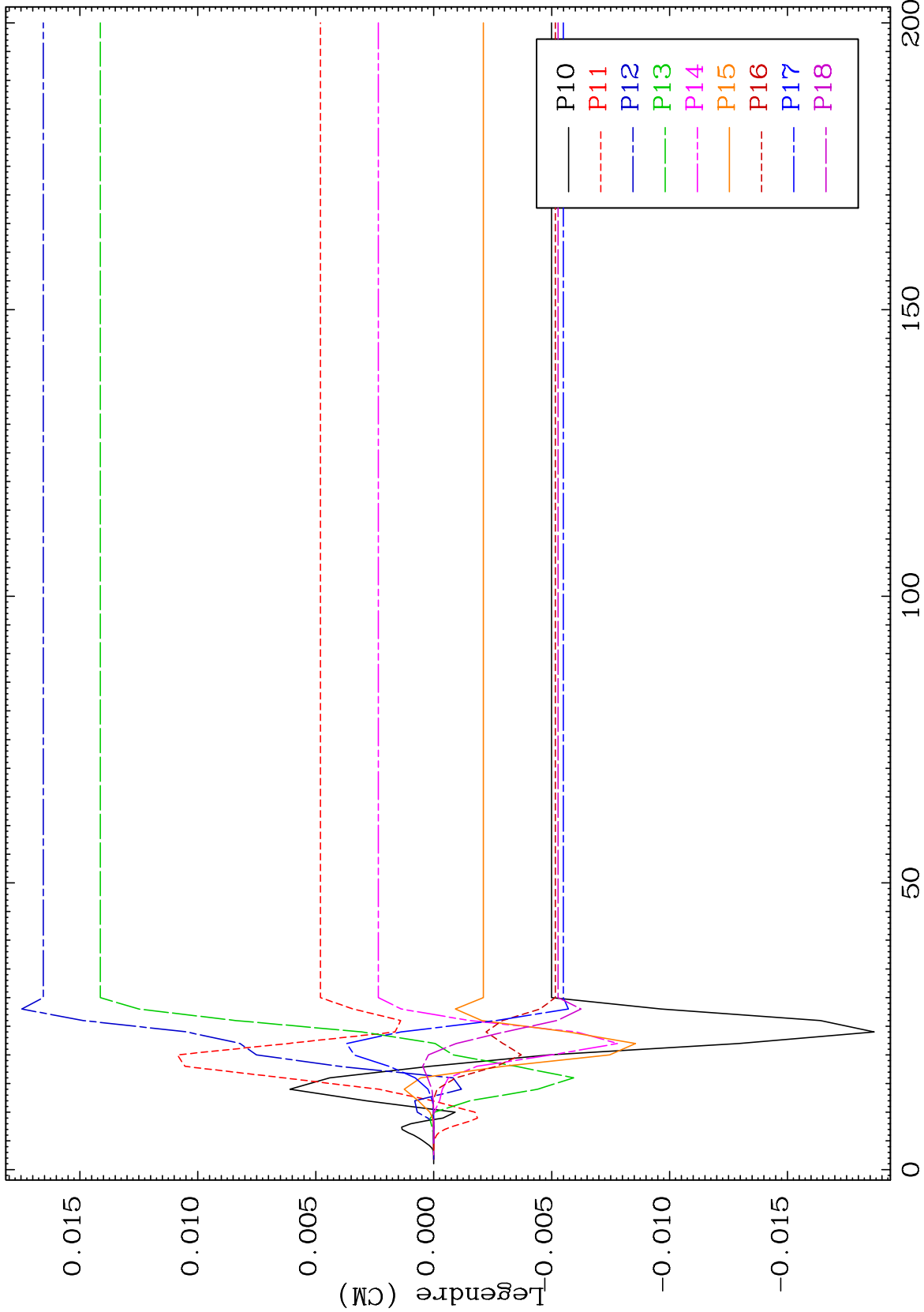
Incident Energy (MeV)

74-W -179

MAT 7422

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

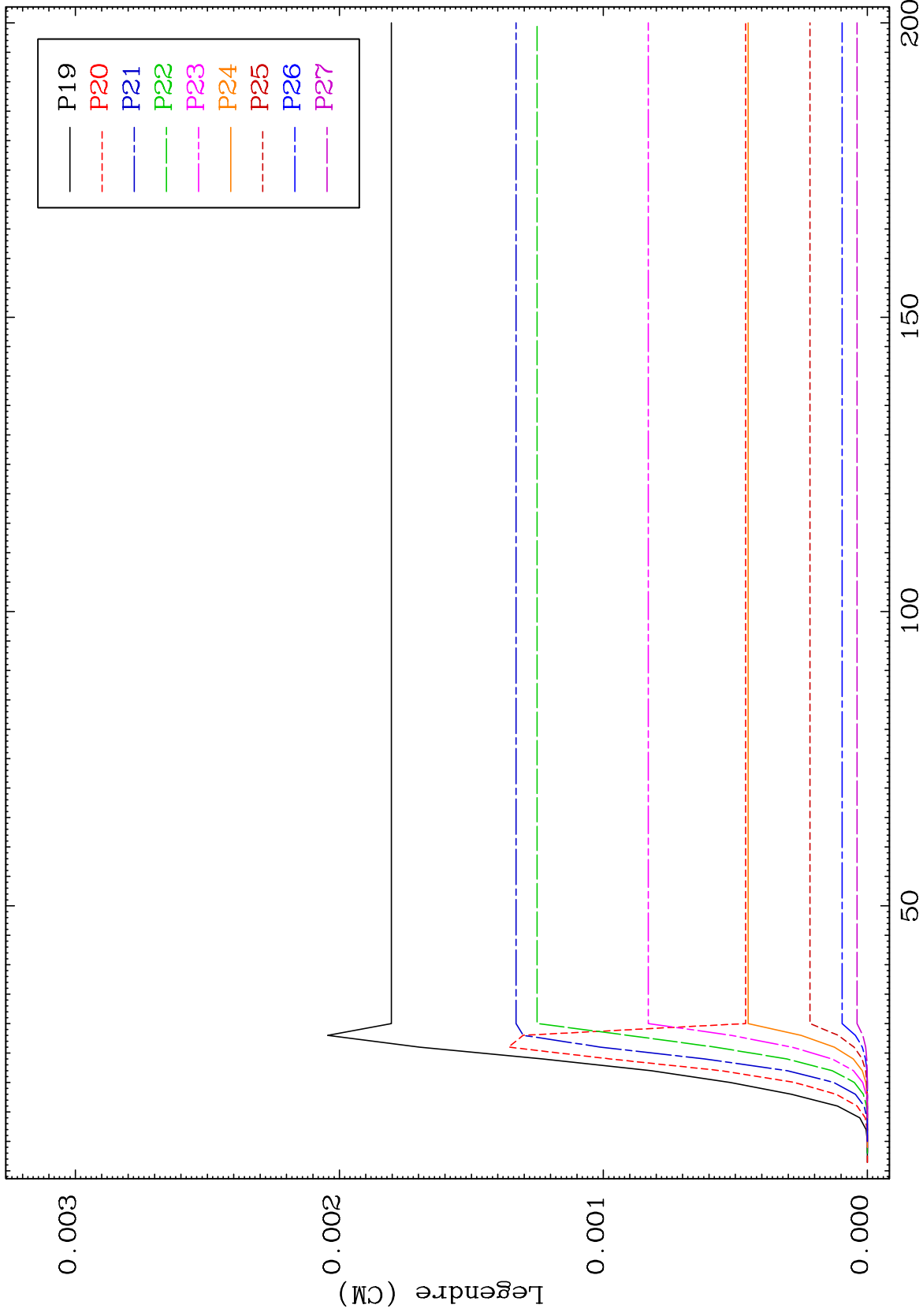
74-W -179

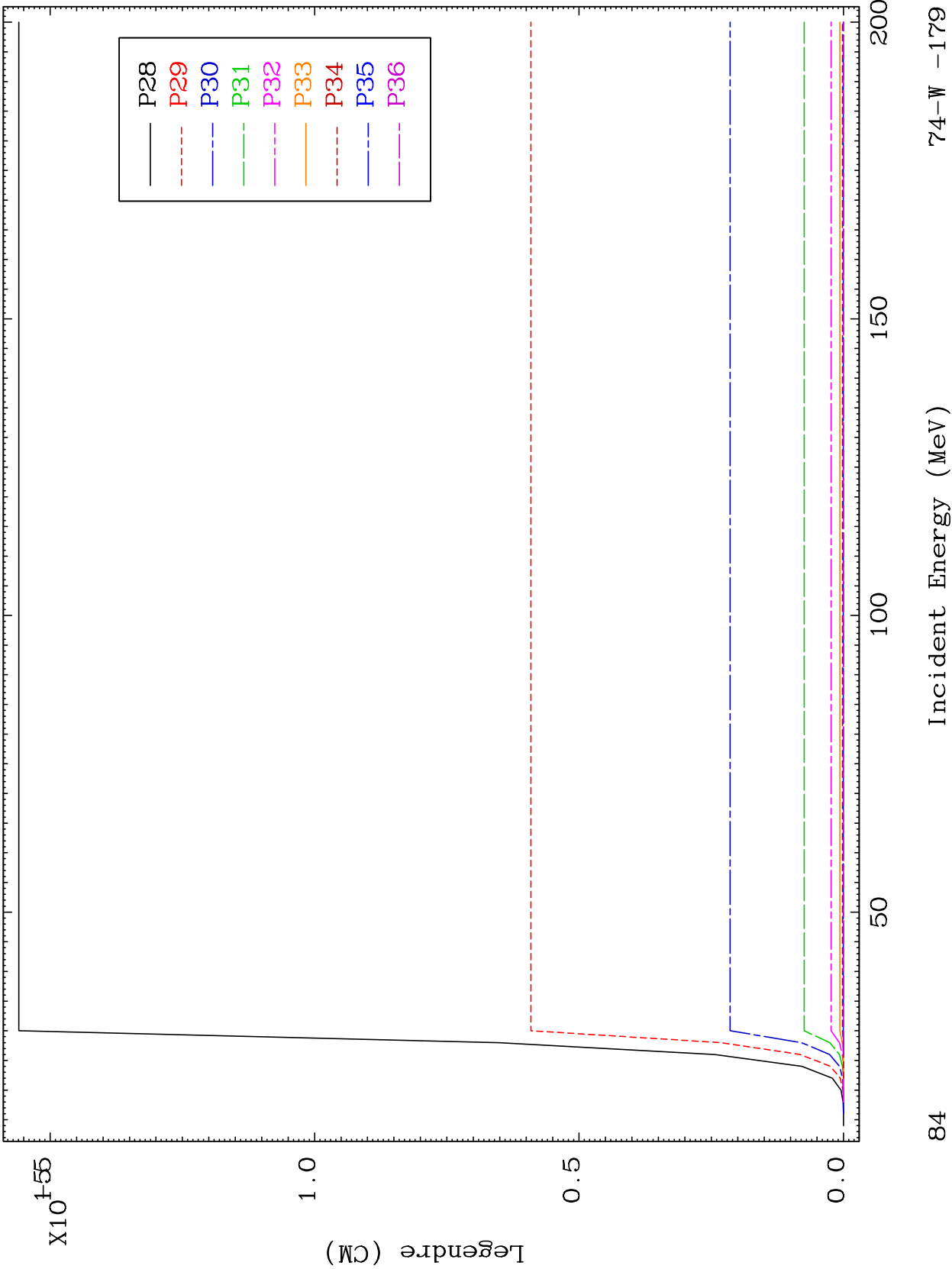


Incident Energy (MeV)

74-W -179

82

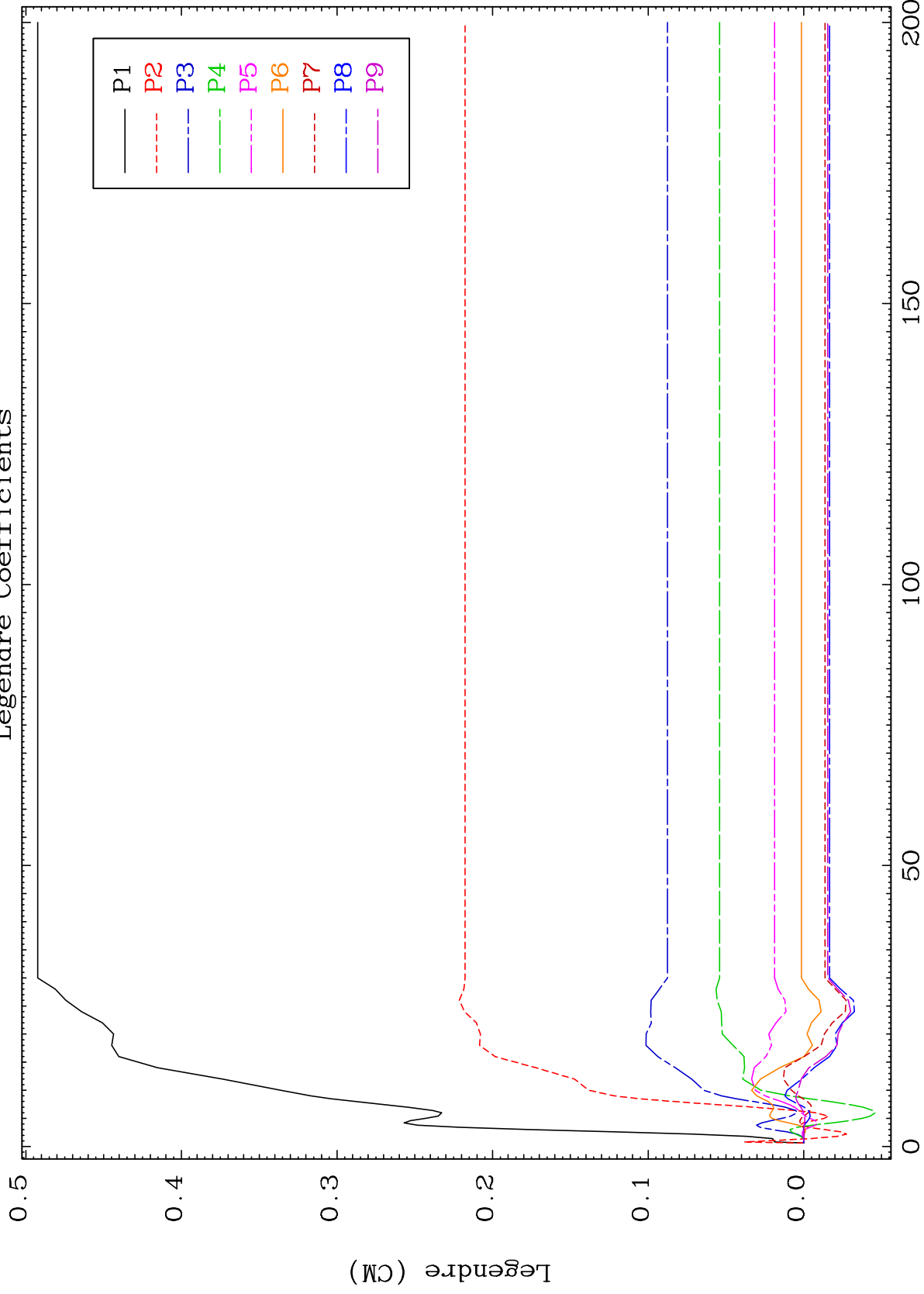




MAT 7422

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

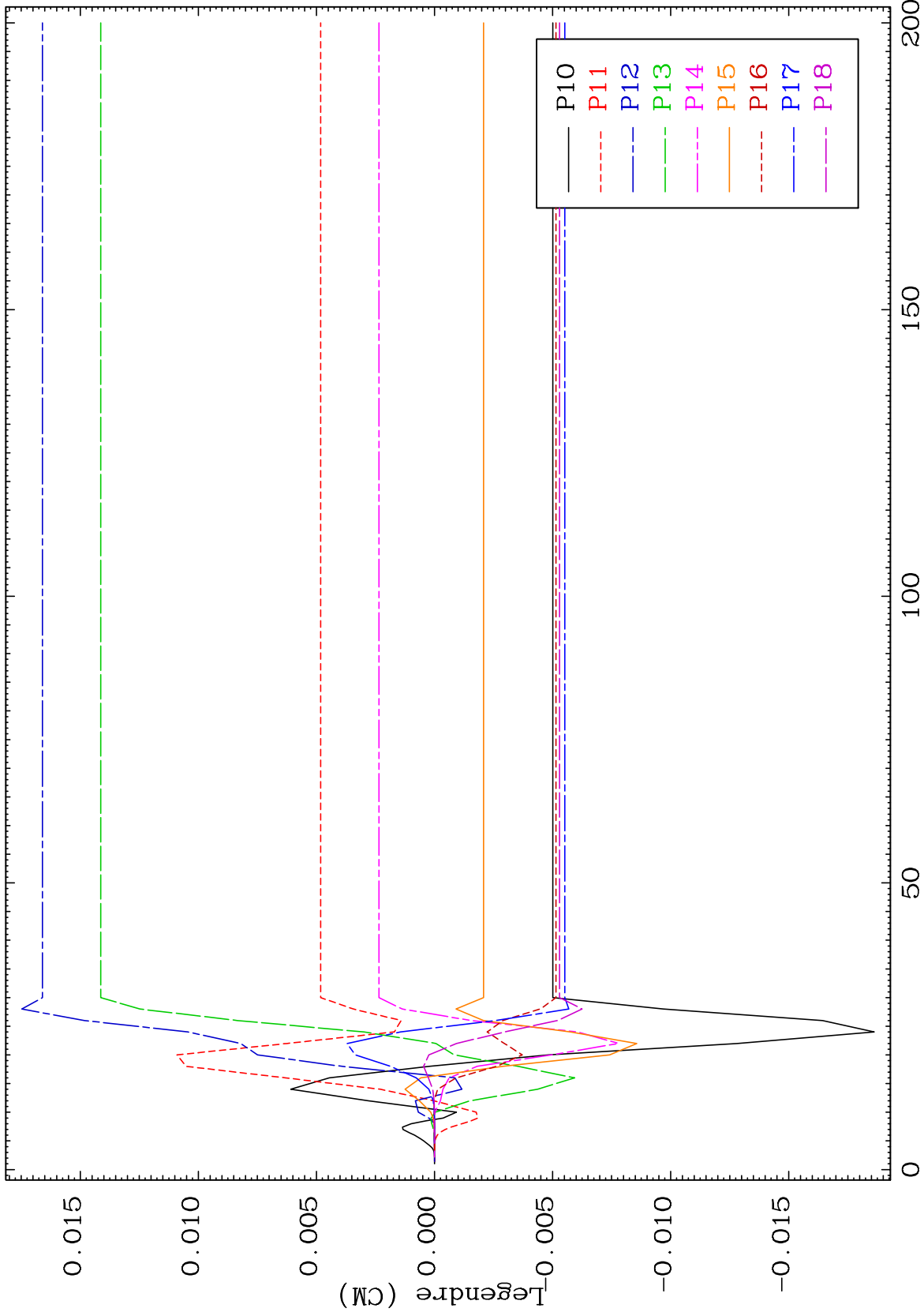
74-W -179

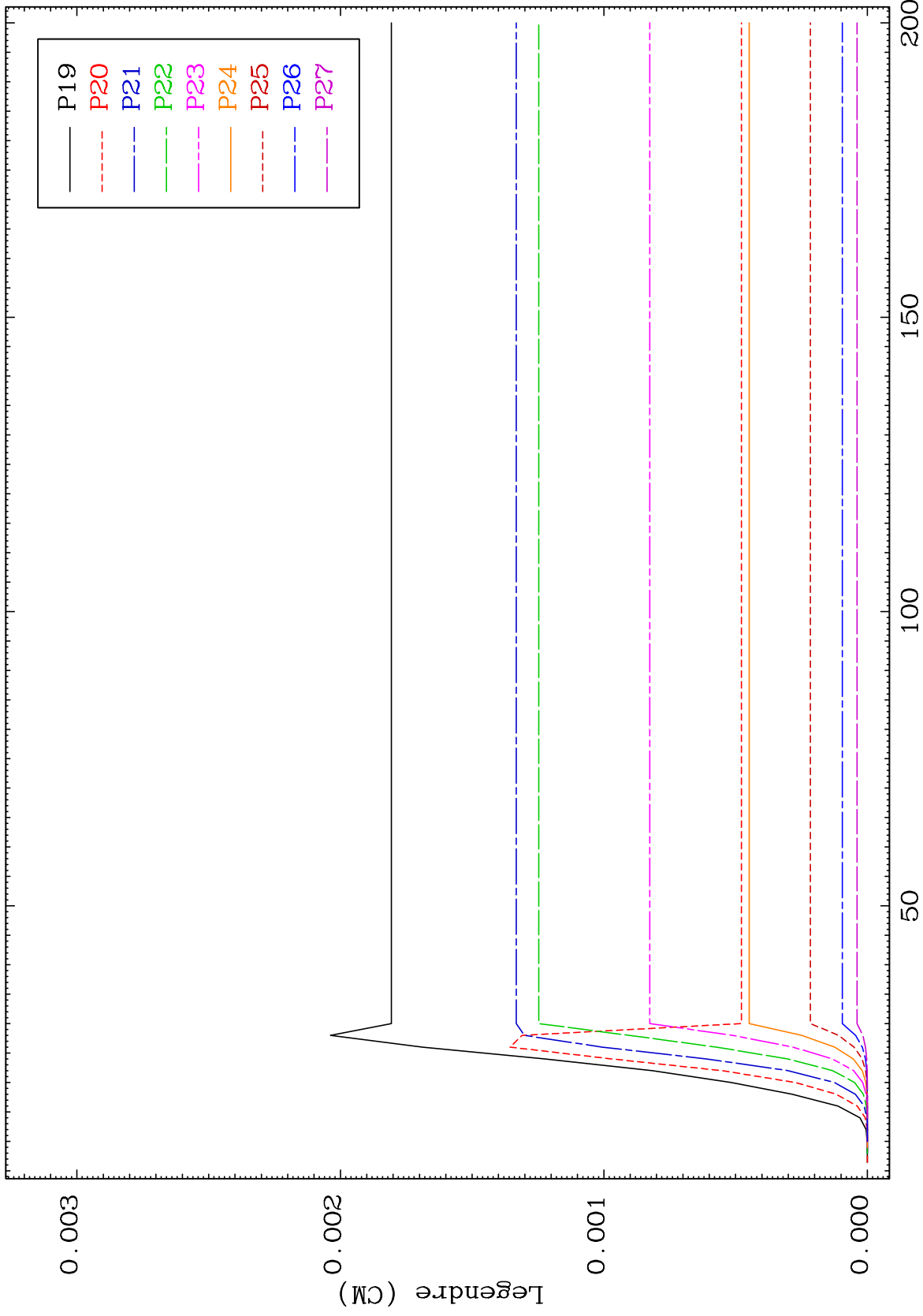


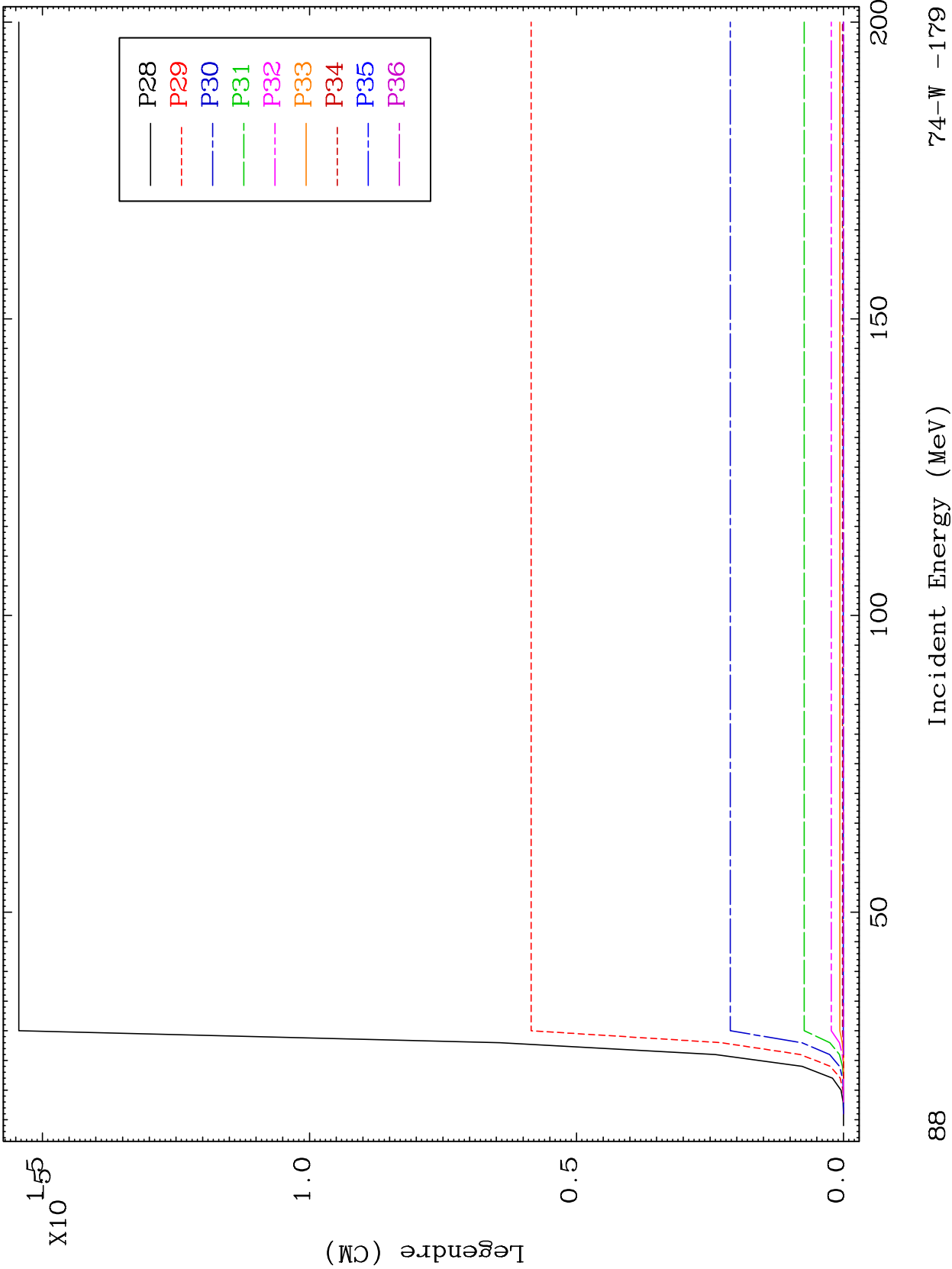
74-W -179

Incident Energy (MeV)

85



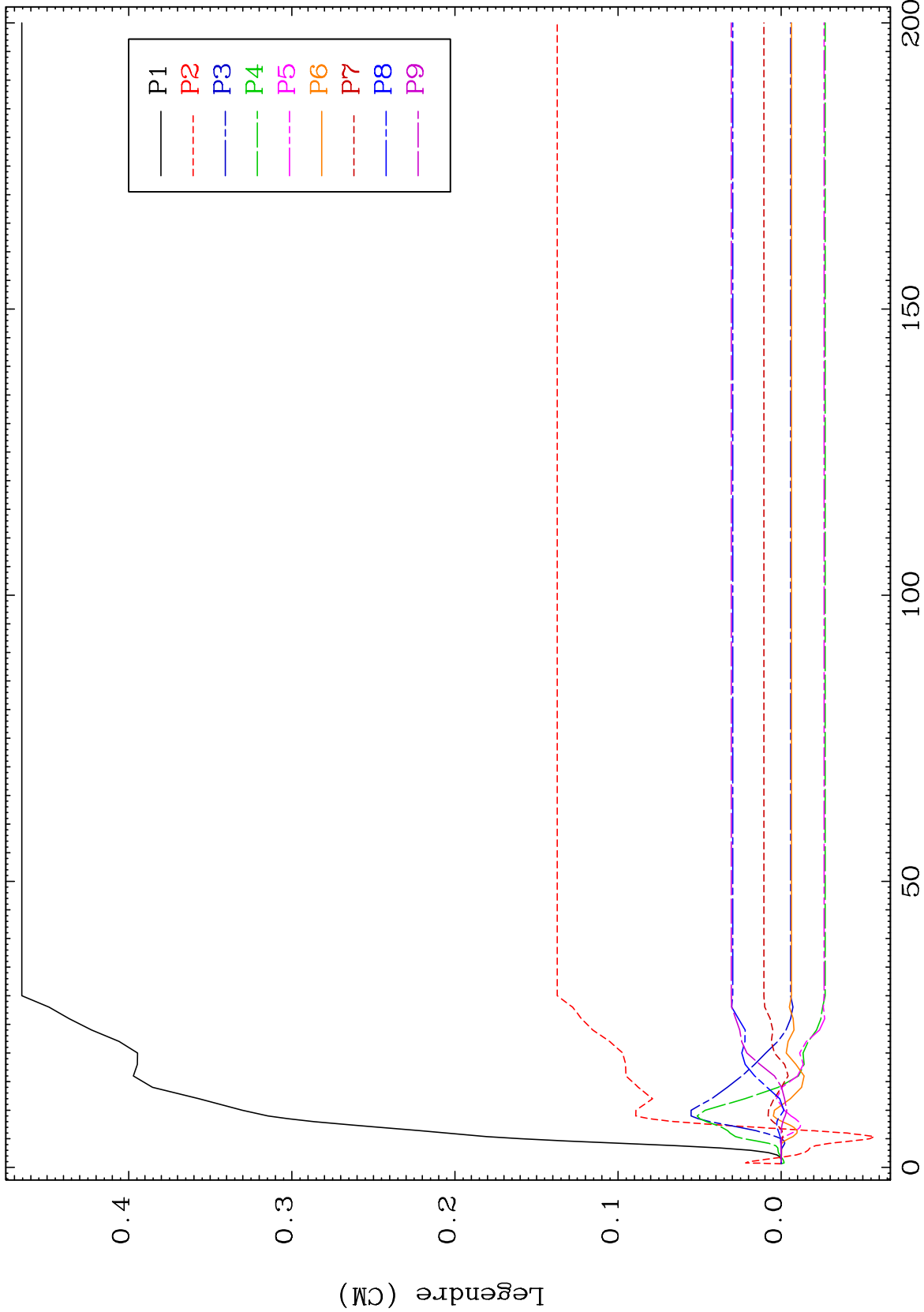




MAT 7422

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

74-W -179



89

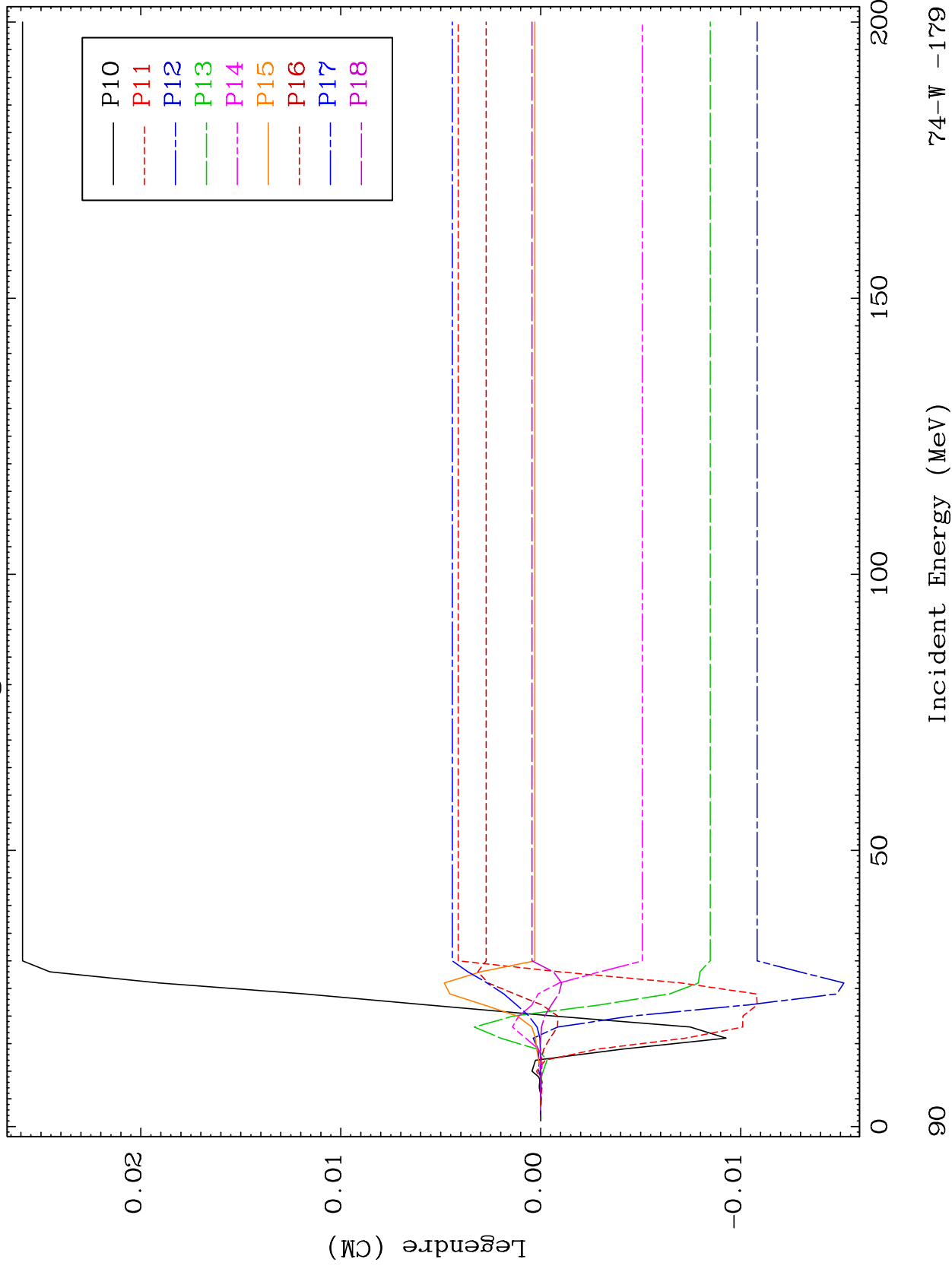
Incident Energy (MeV)

74-W -179

MAT 7422

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

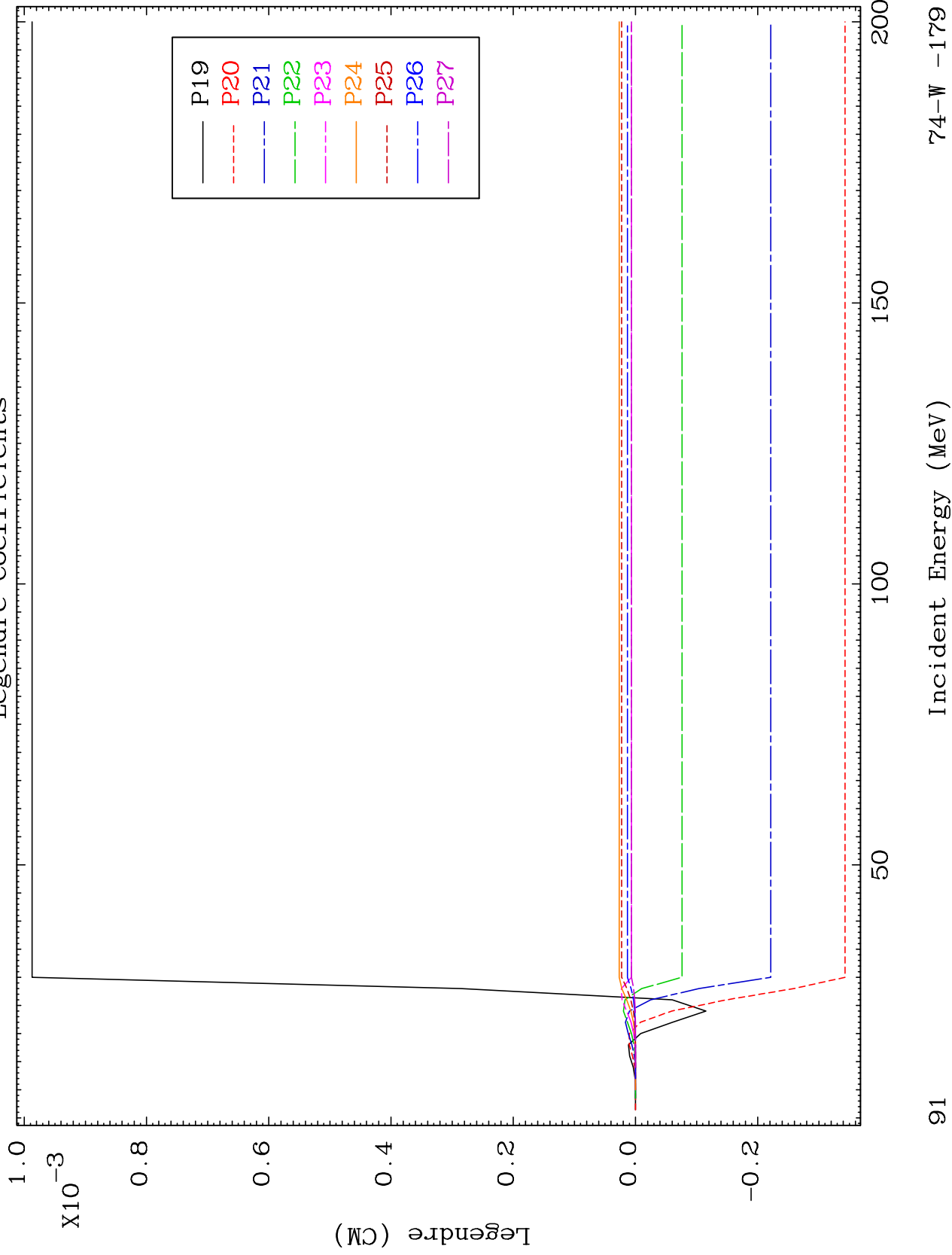
74-W -179

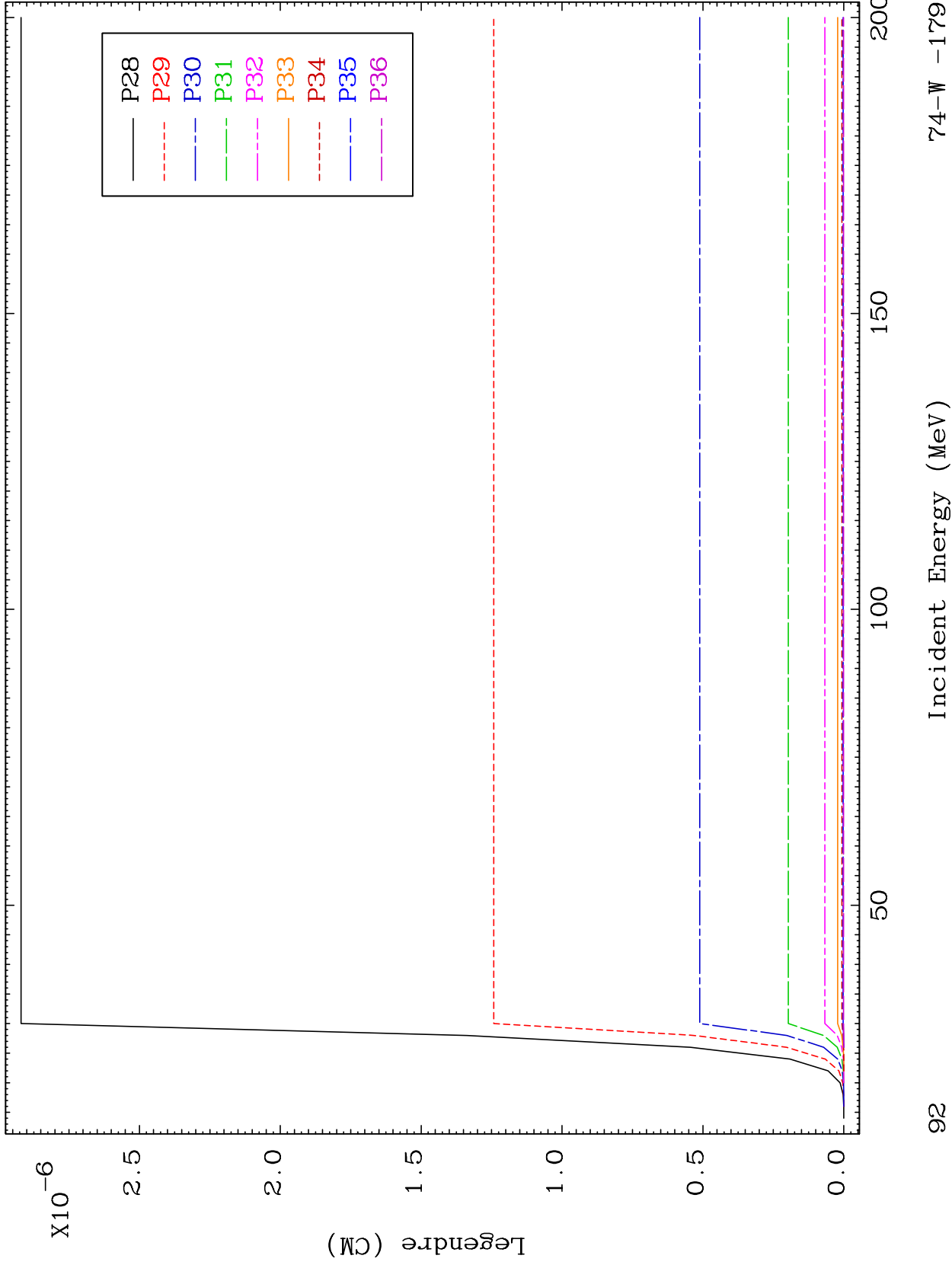


74-W -179

Incident Energy (MeV)

90

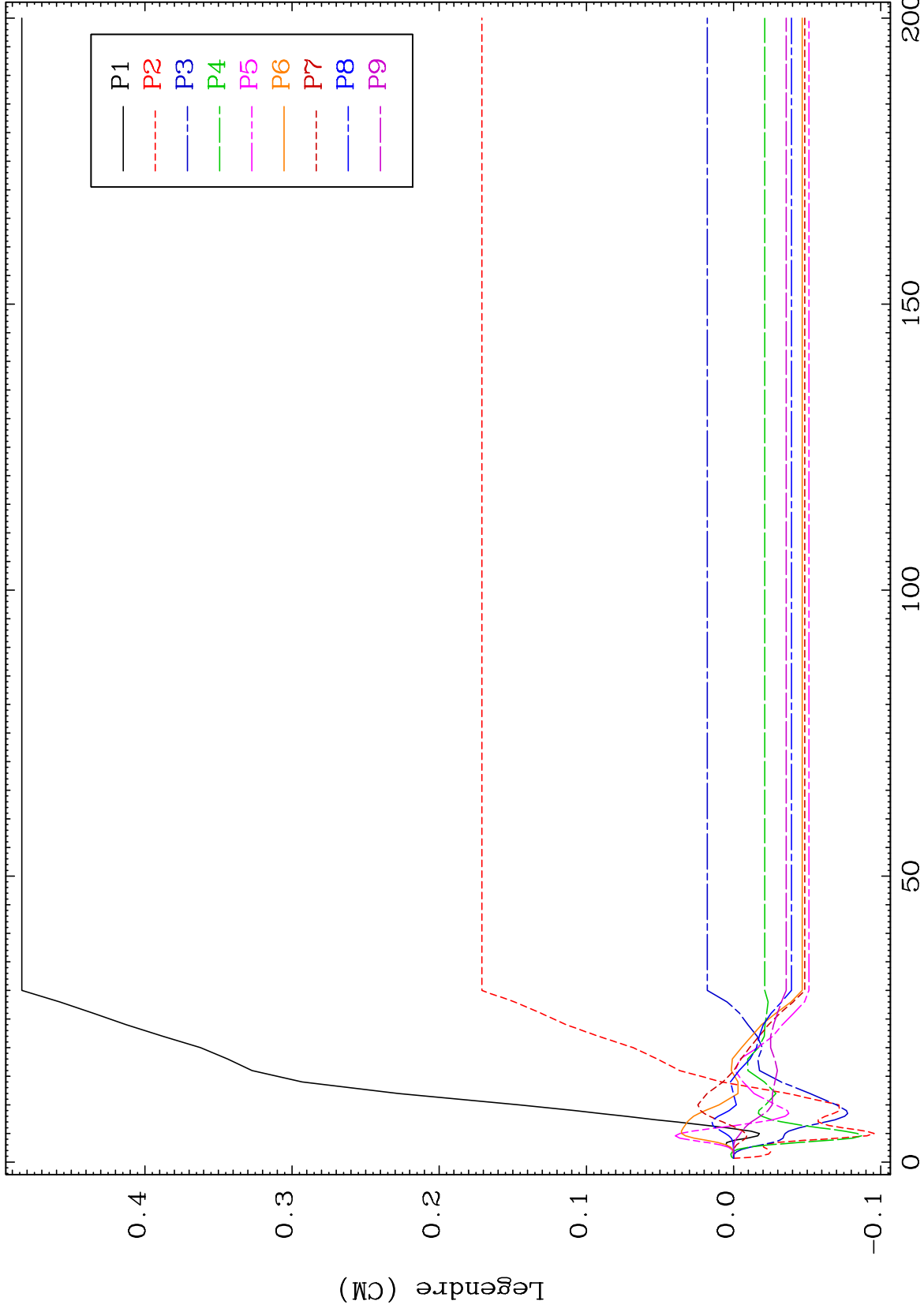




MAT 7422

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

74-W -179



93

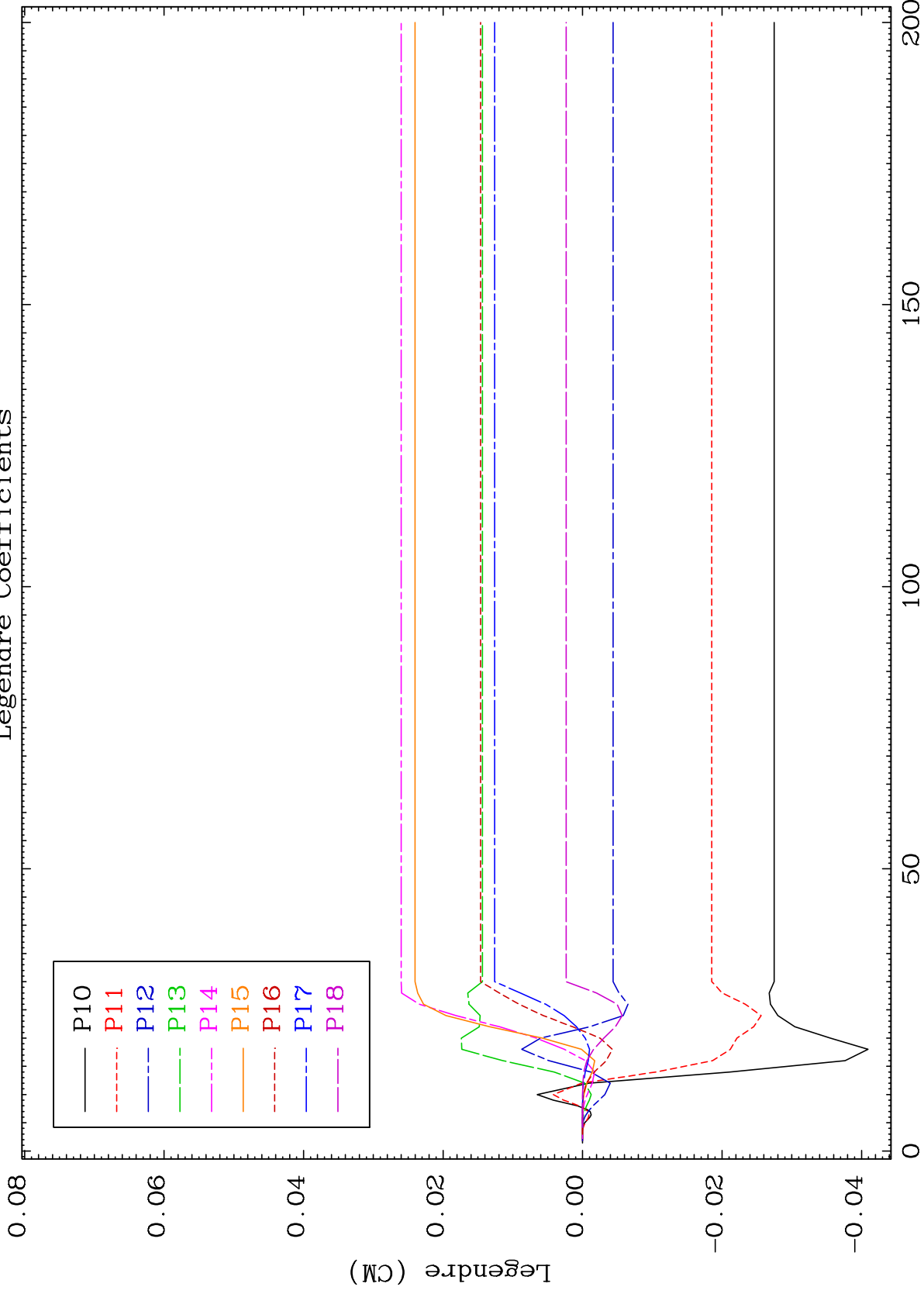
Incident Energy (MeV)

74-W -179

MAT 7422

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

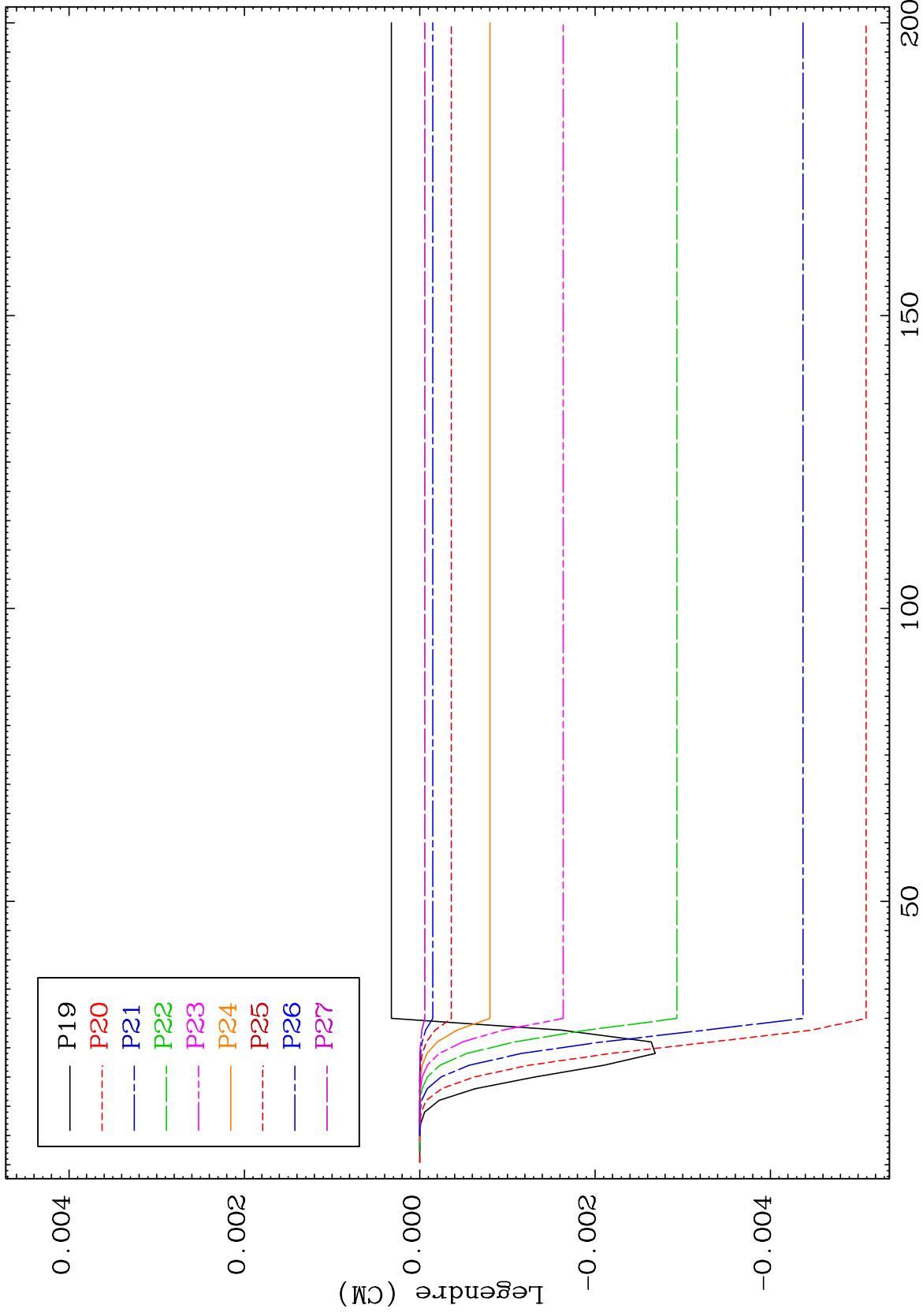
74-W -179

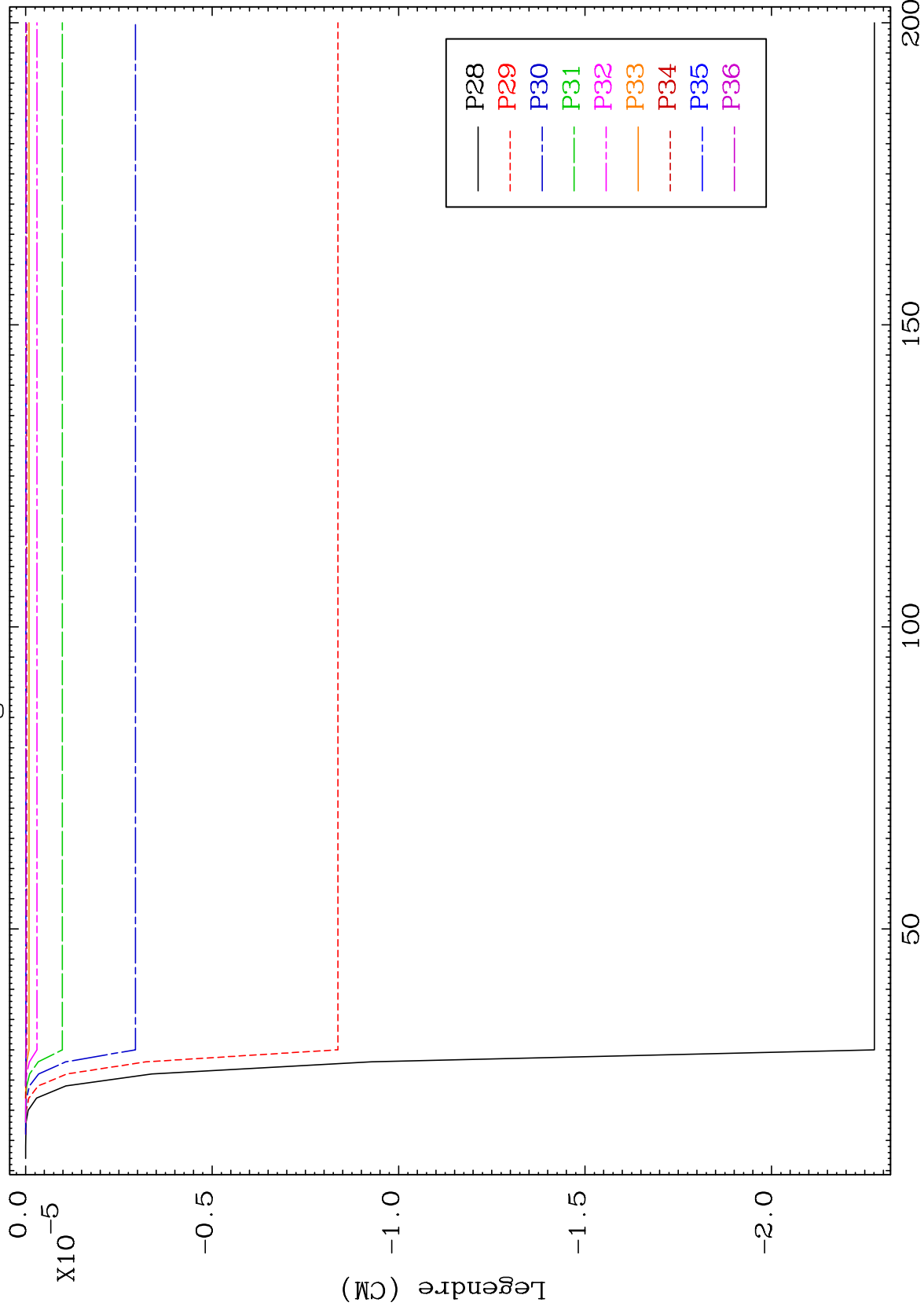


94

Incident Energy (MeV)

74-W -179

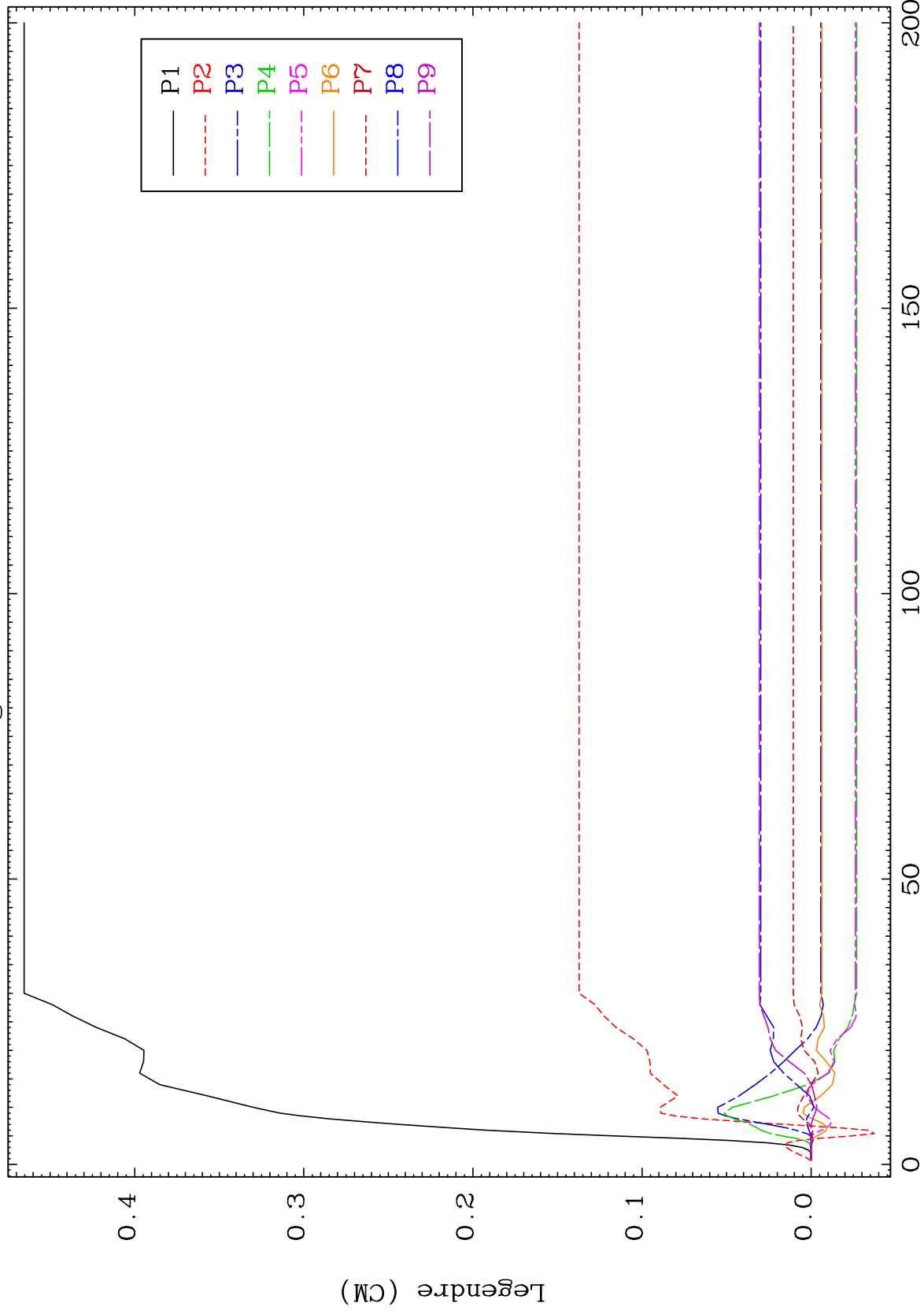




MAT 7422

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

74-W -179



97

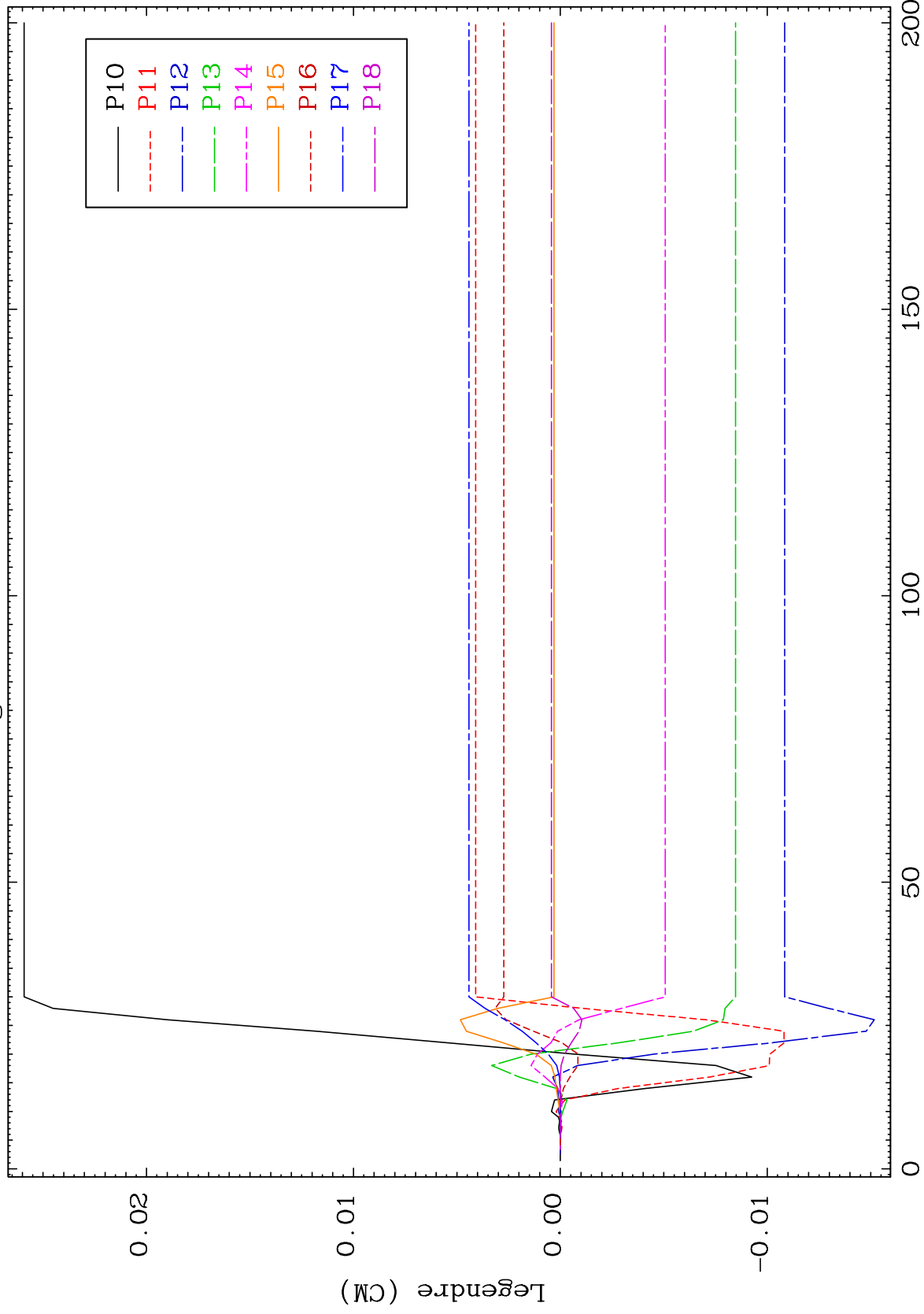
Incident Energy (MeV)

74-W -179

MAT 7422

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

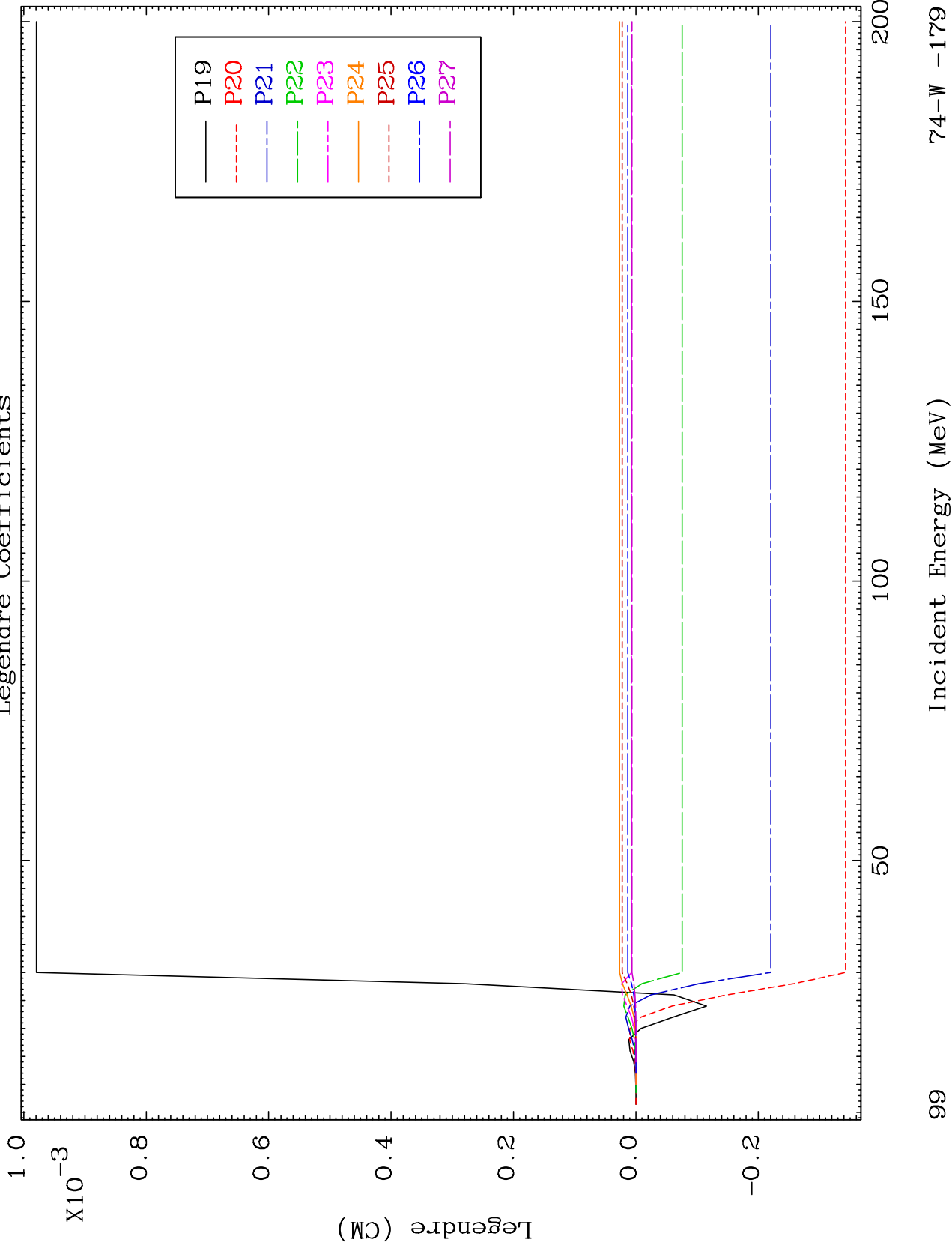
74-W -179



98

Incident Energy (MeV)

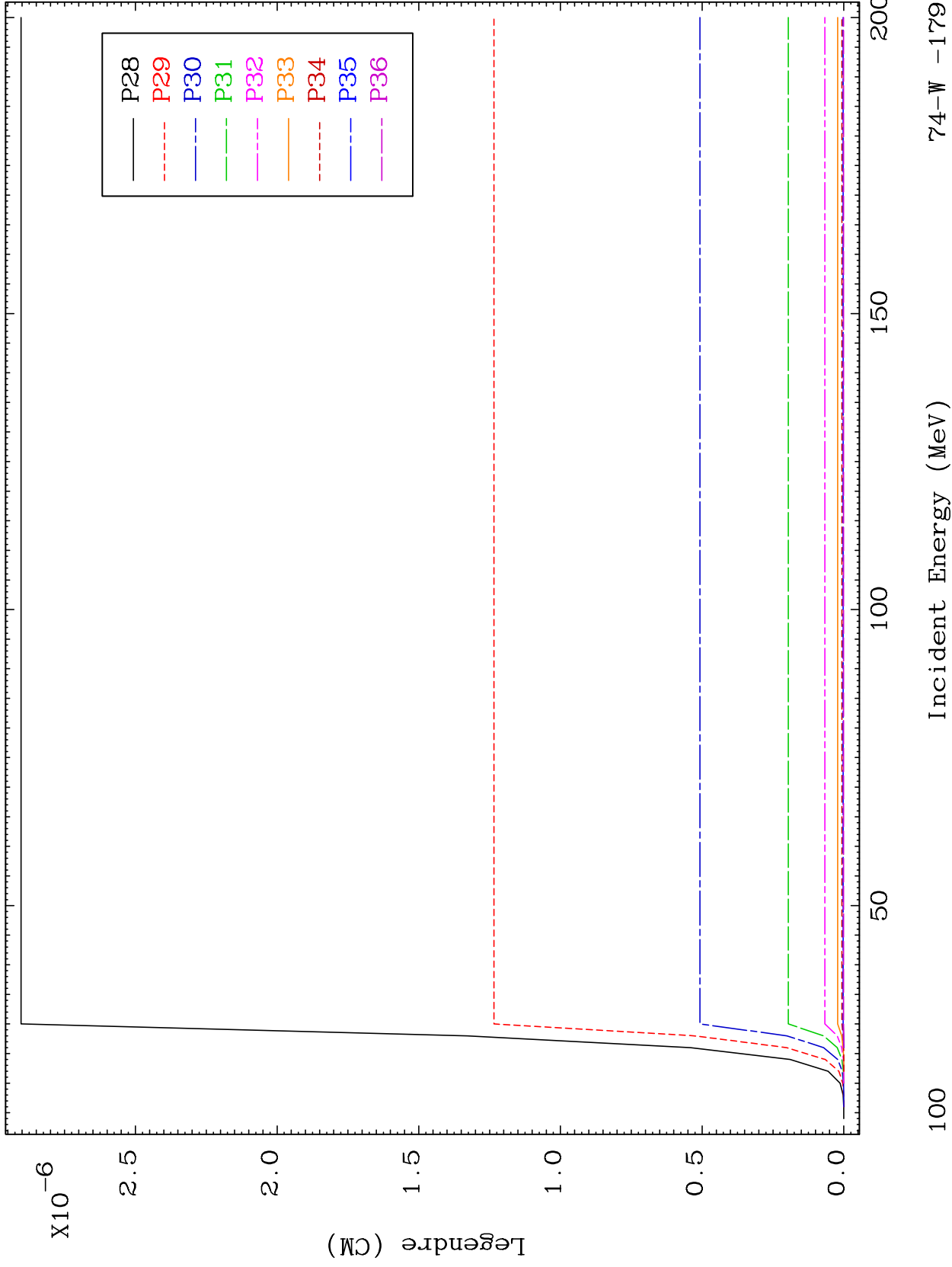
74-W -179



MAT 7422

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

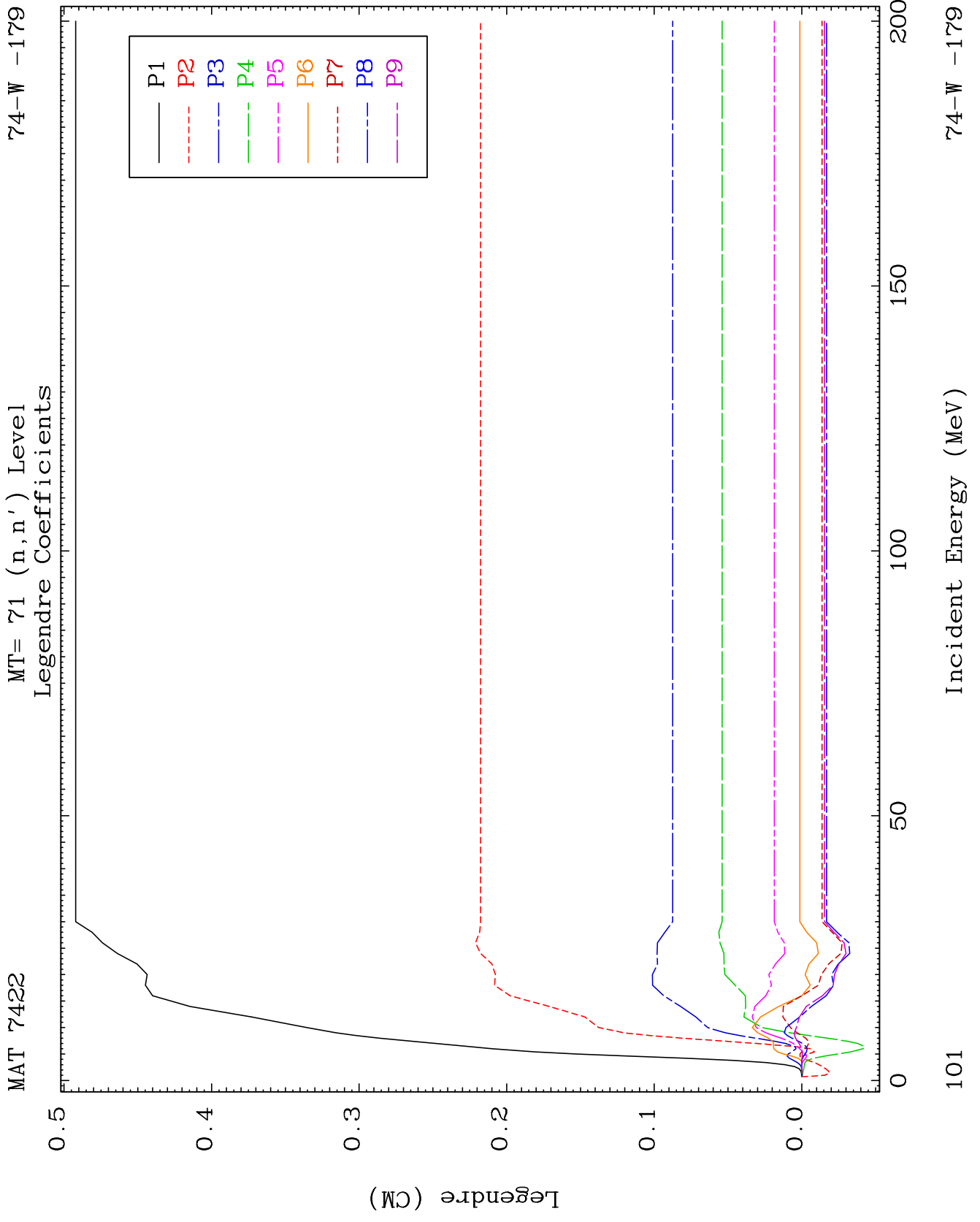
74-W -179

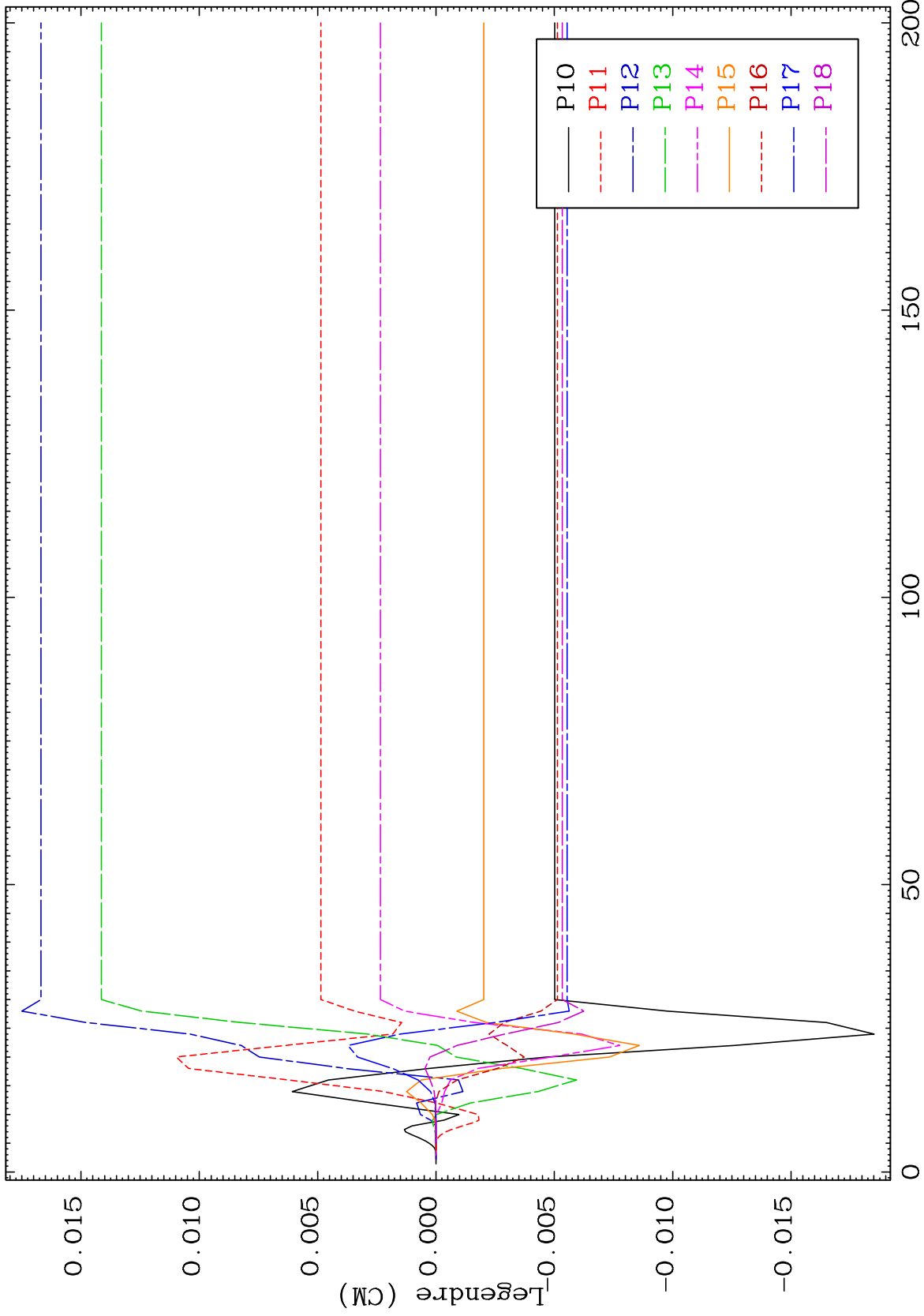


100

Incident Energy (MeV)

74-W -179

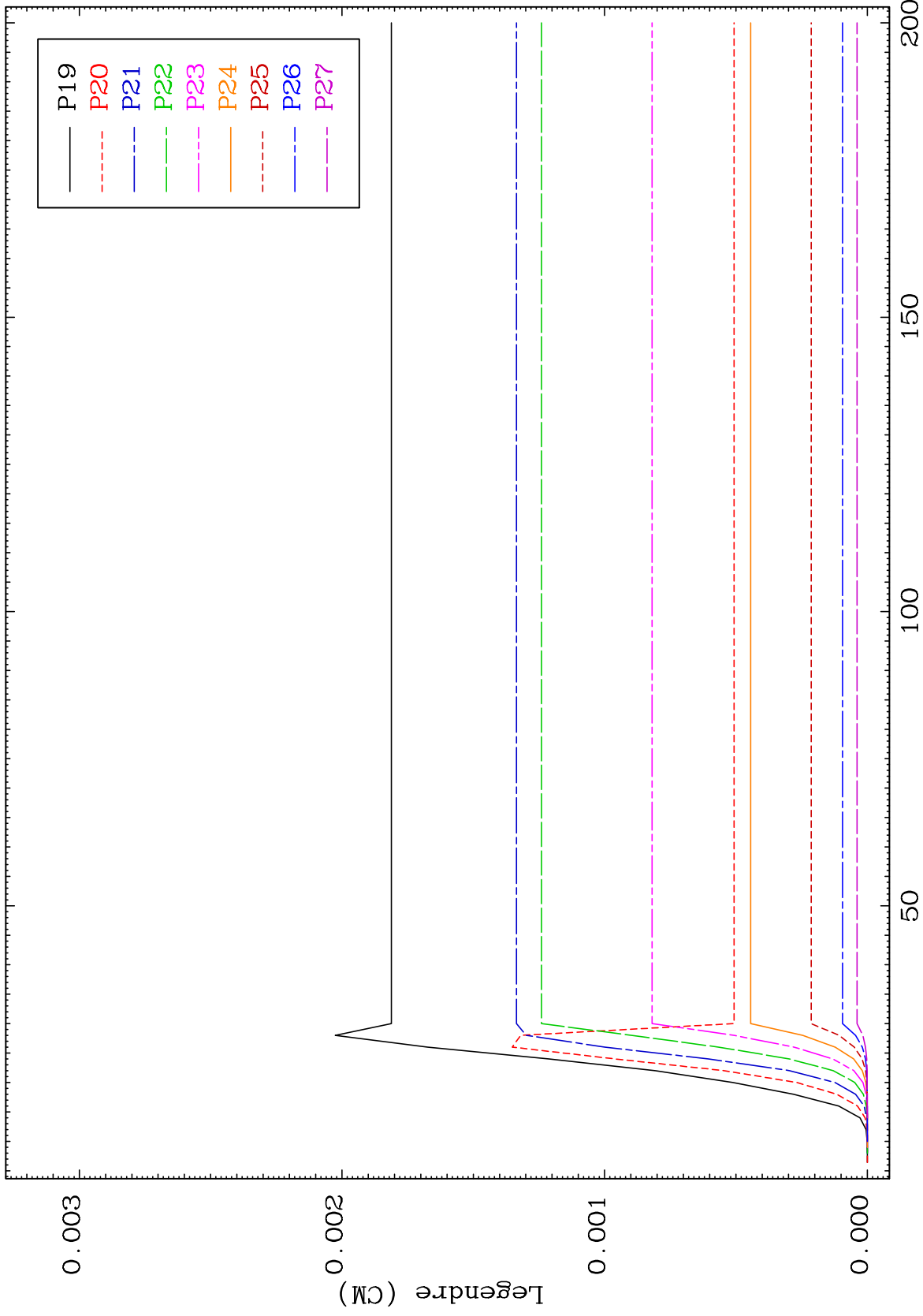




MAT 7422

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

74-W -179



103

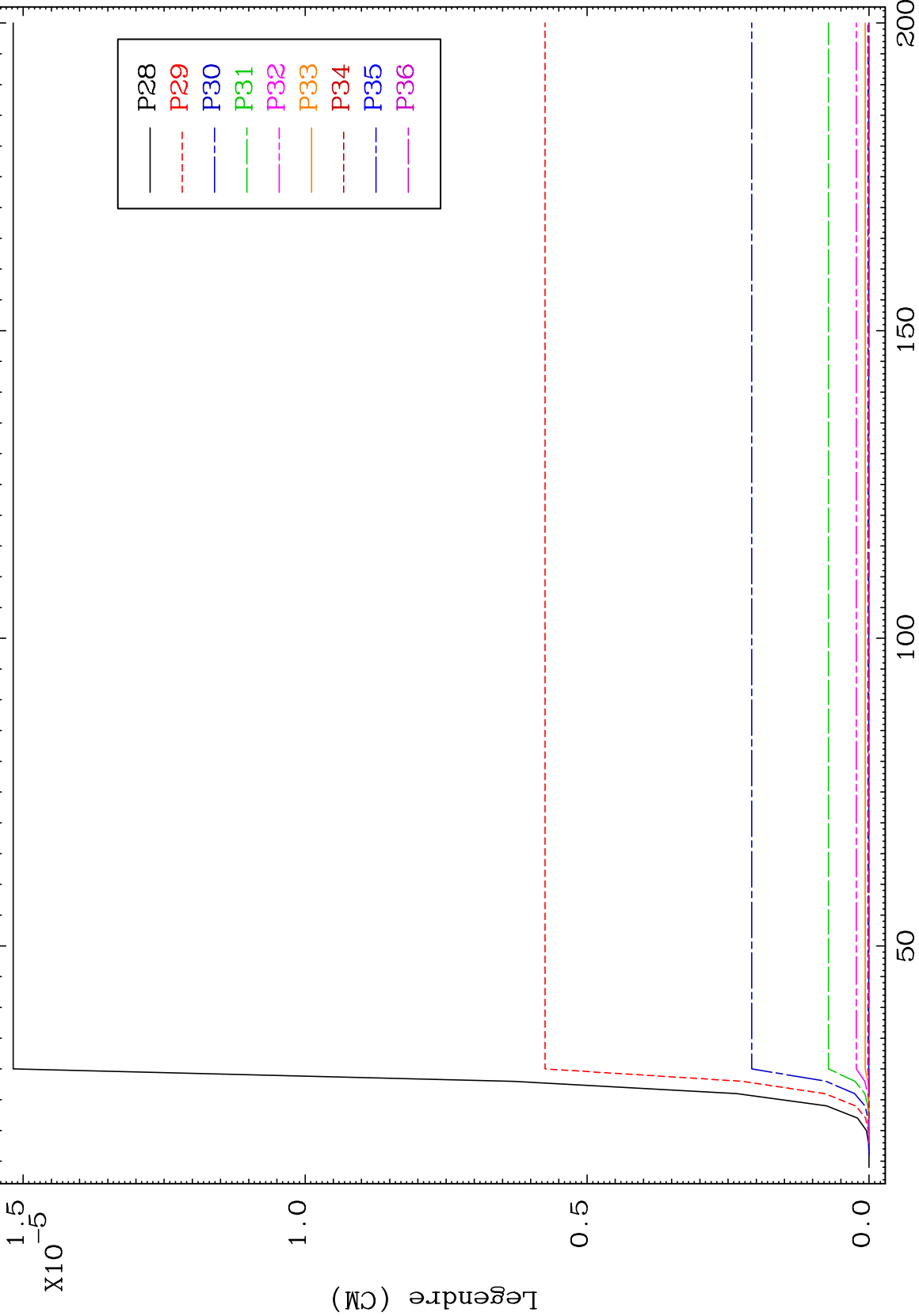
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



104

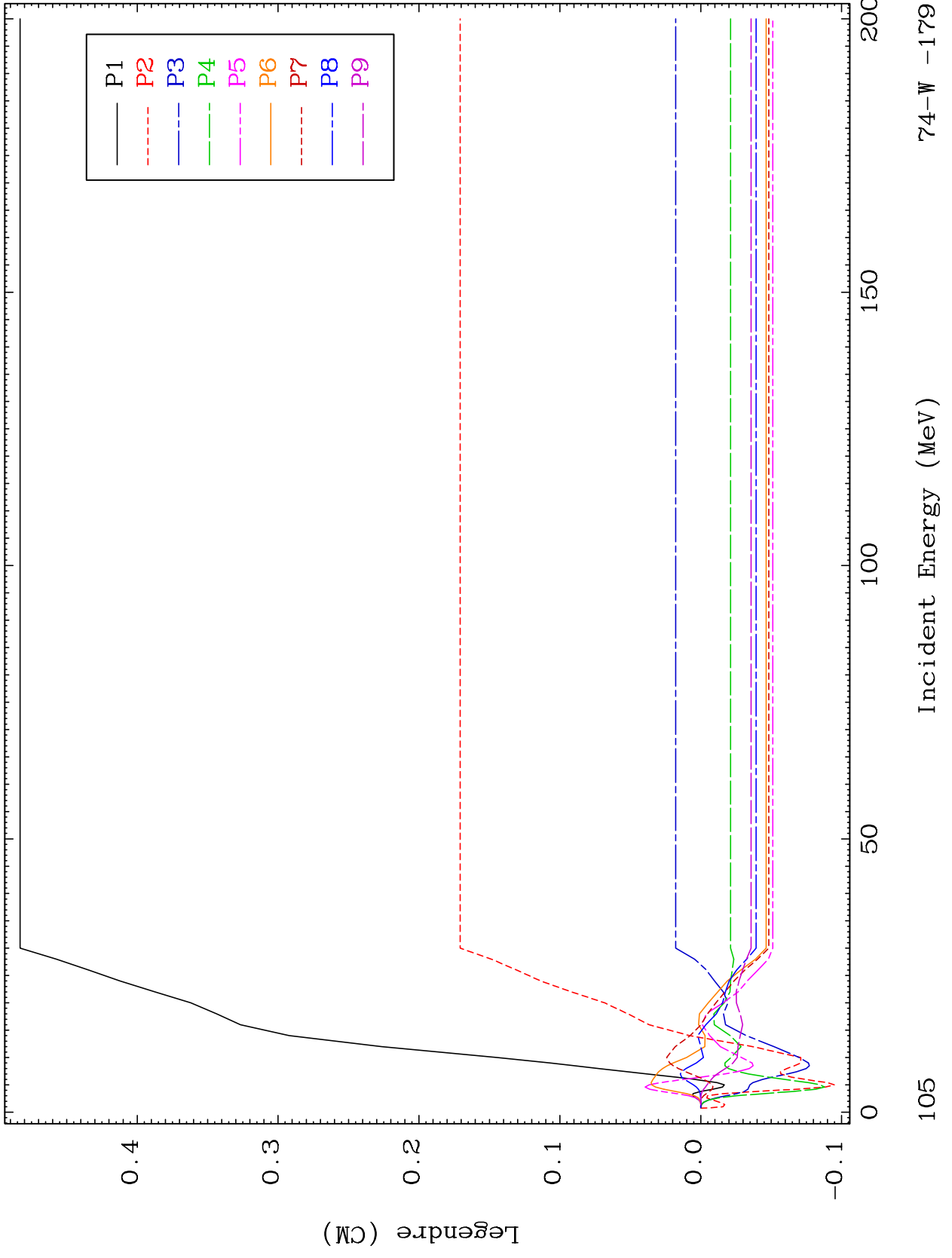
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



74-W -179

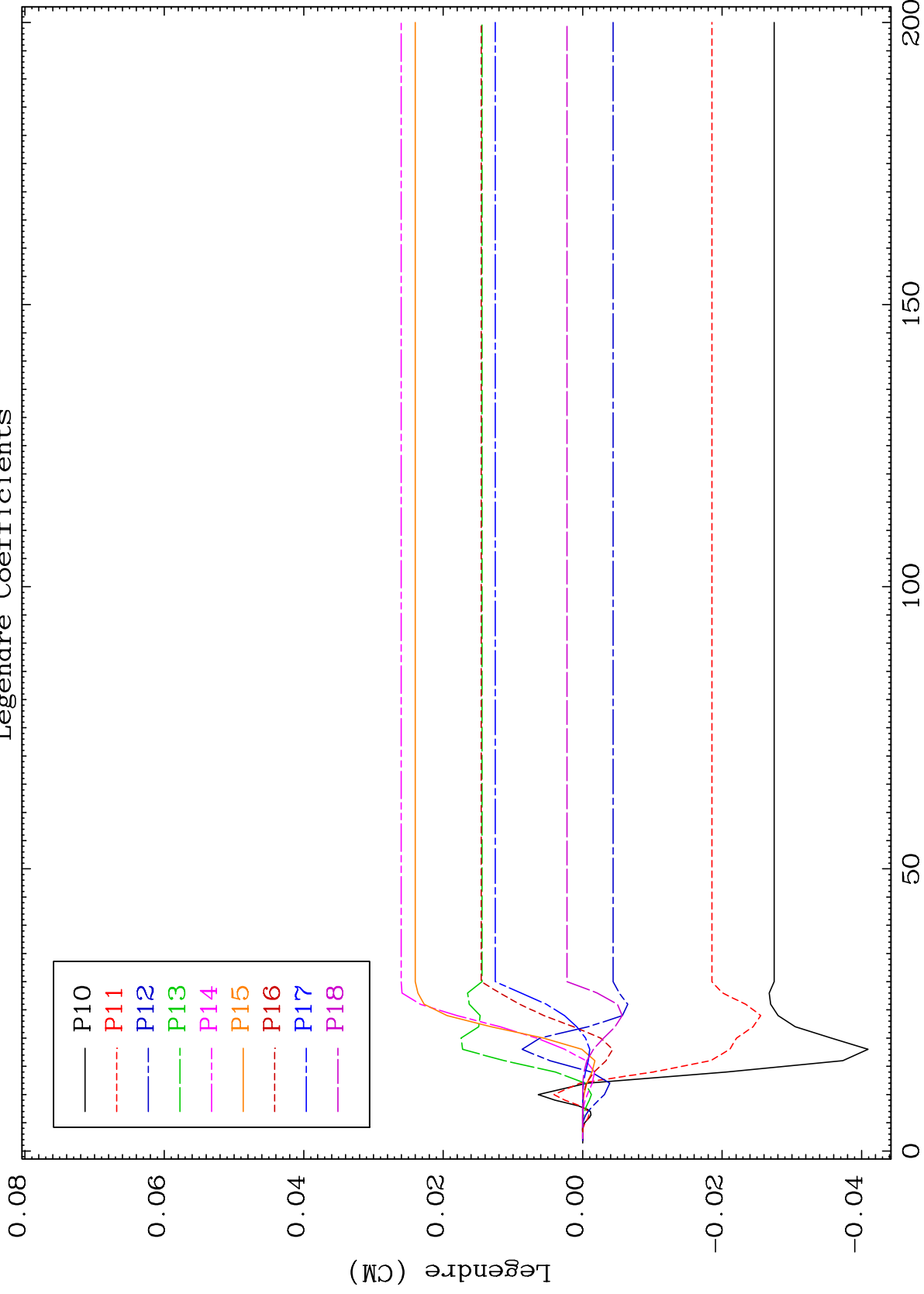
Incident Energy (MeV)

105

MAT 7422

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

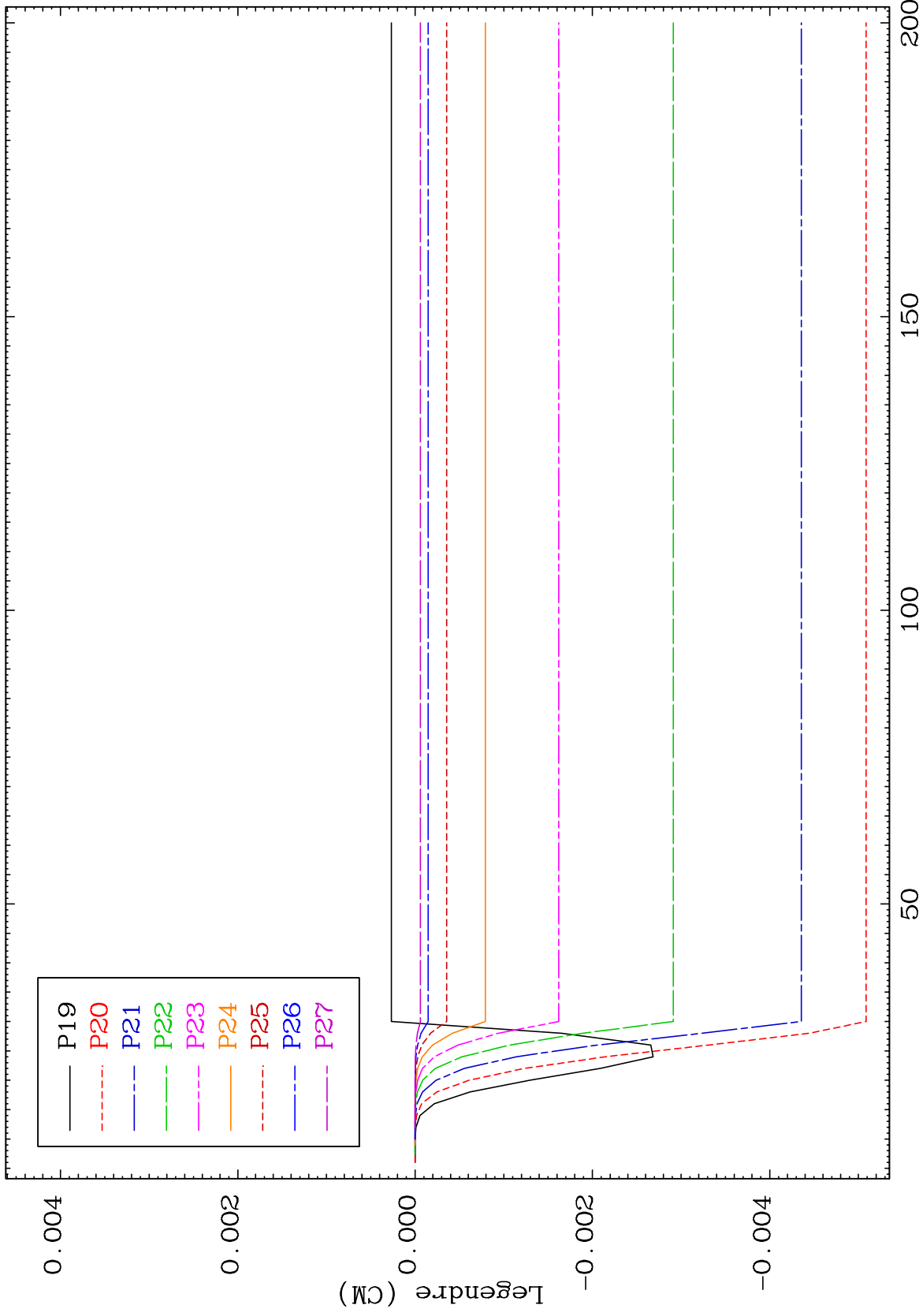
74-W -179

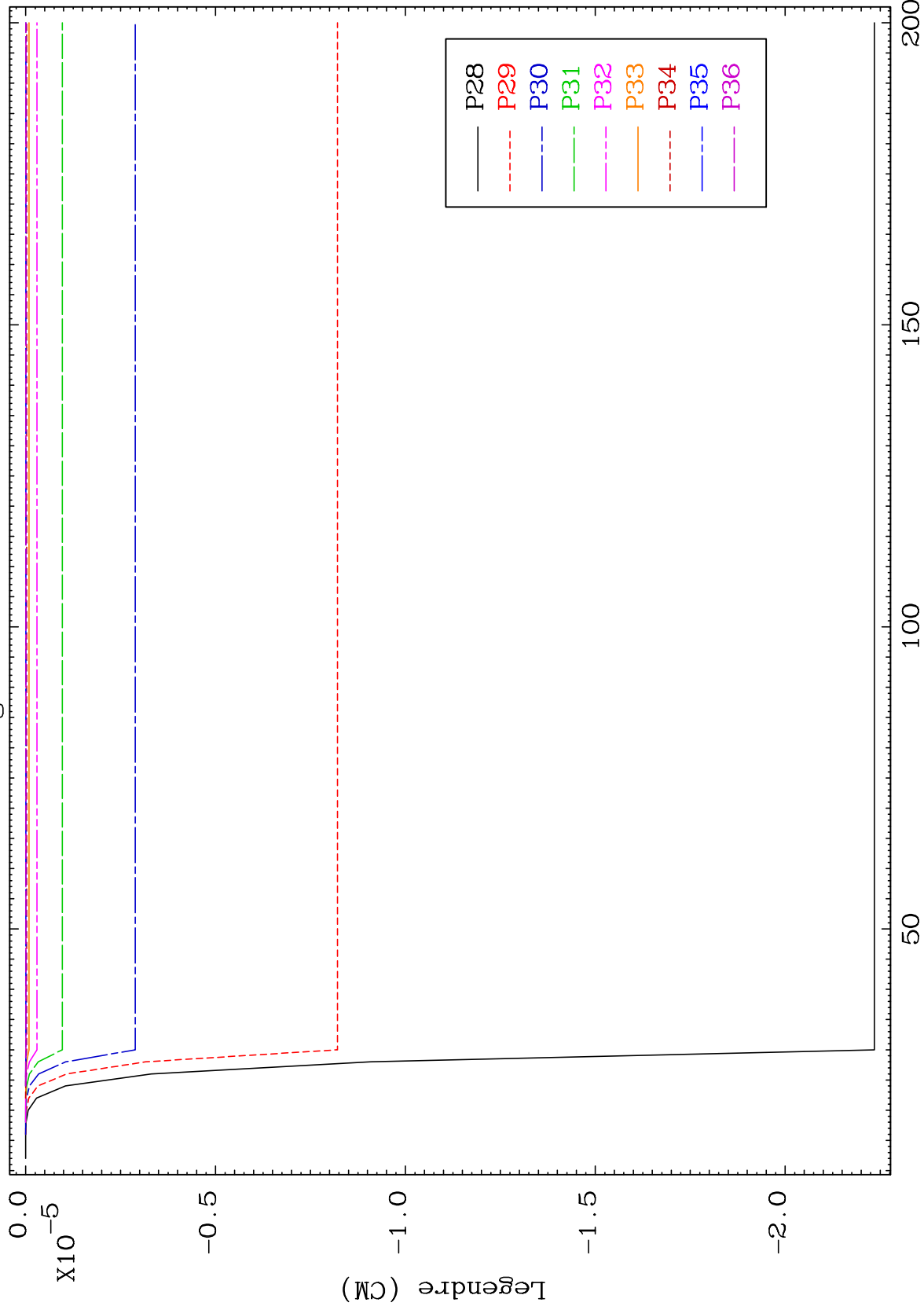


106

Incident Energy (MeV)

74-W -179

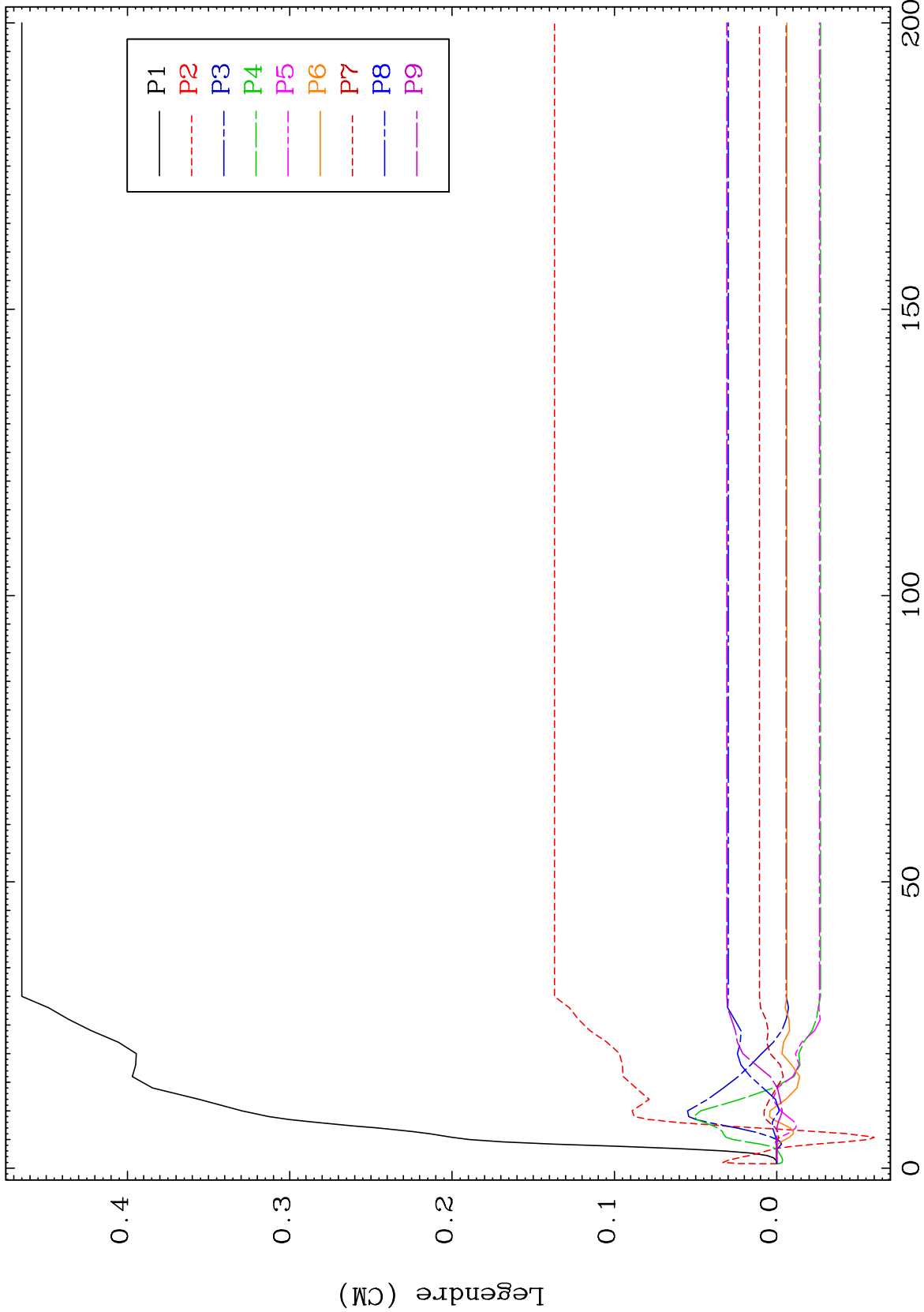




MAT 7422

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

74-W -179



74-W -179

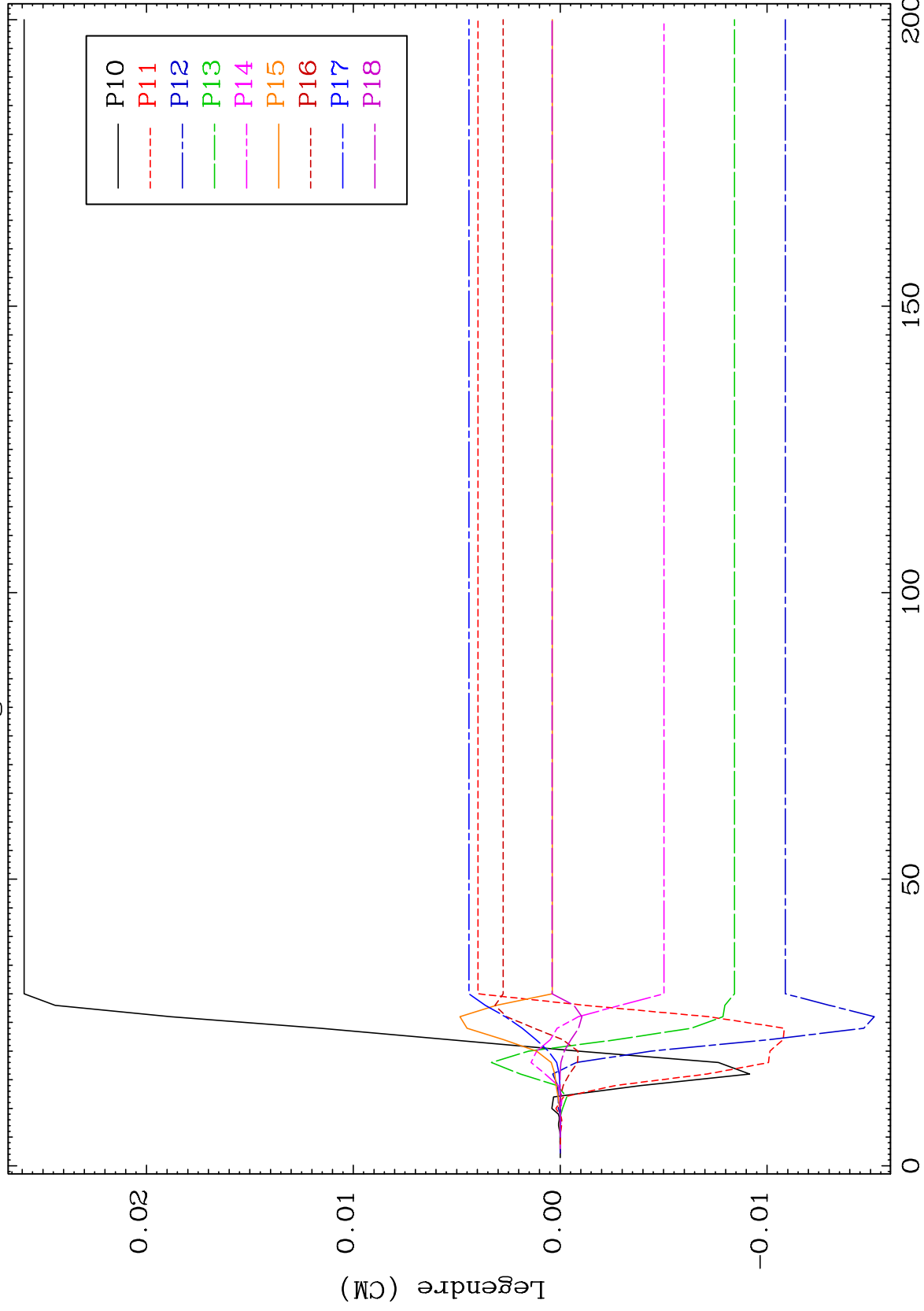
Incident Energy (MeV)

109

MAT 7422

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

74-W -179



110

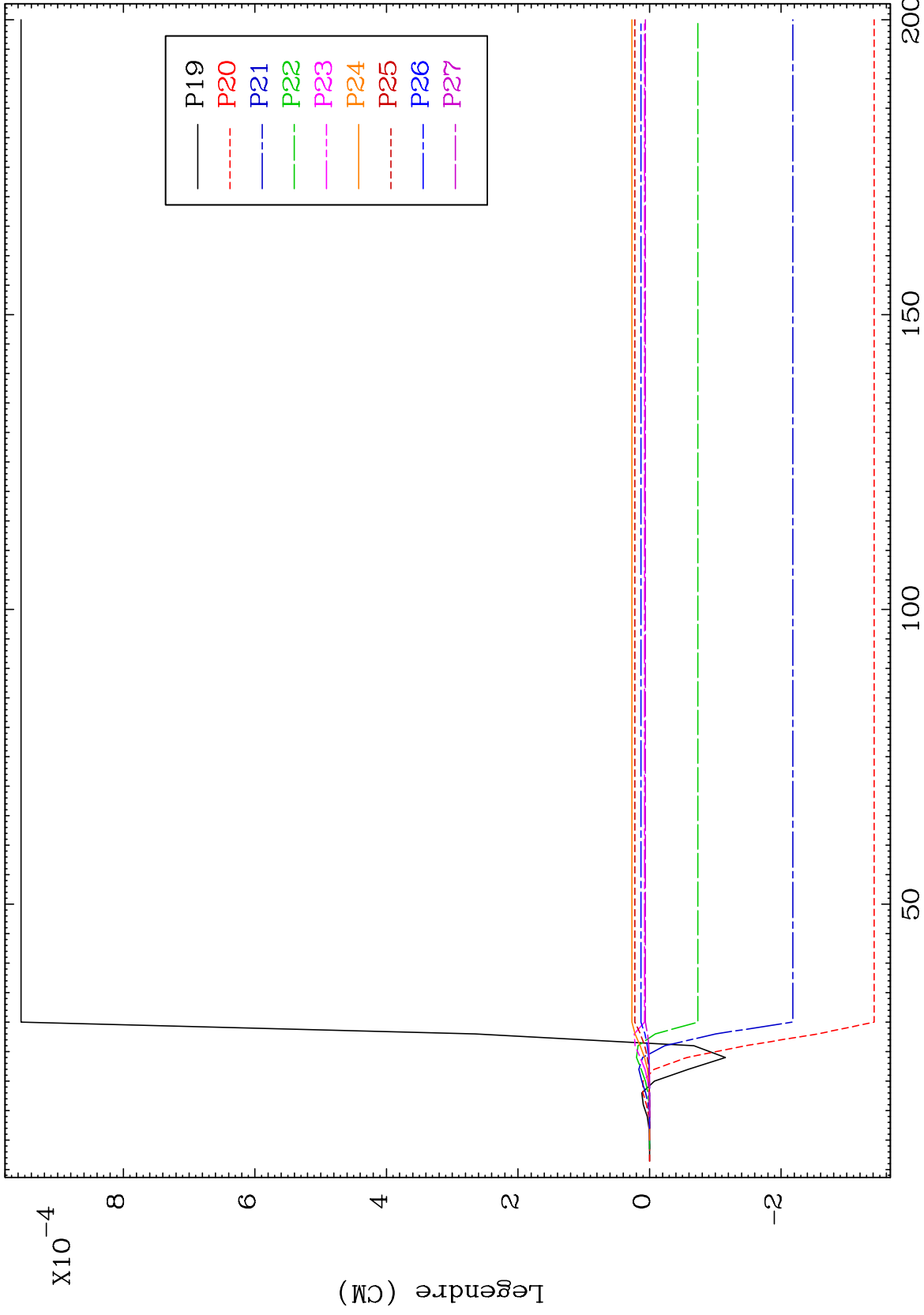
Incident Energy (MeV)

74-W -179

MAT 7422

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

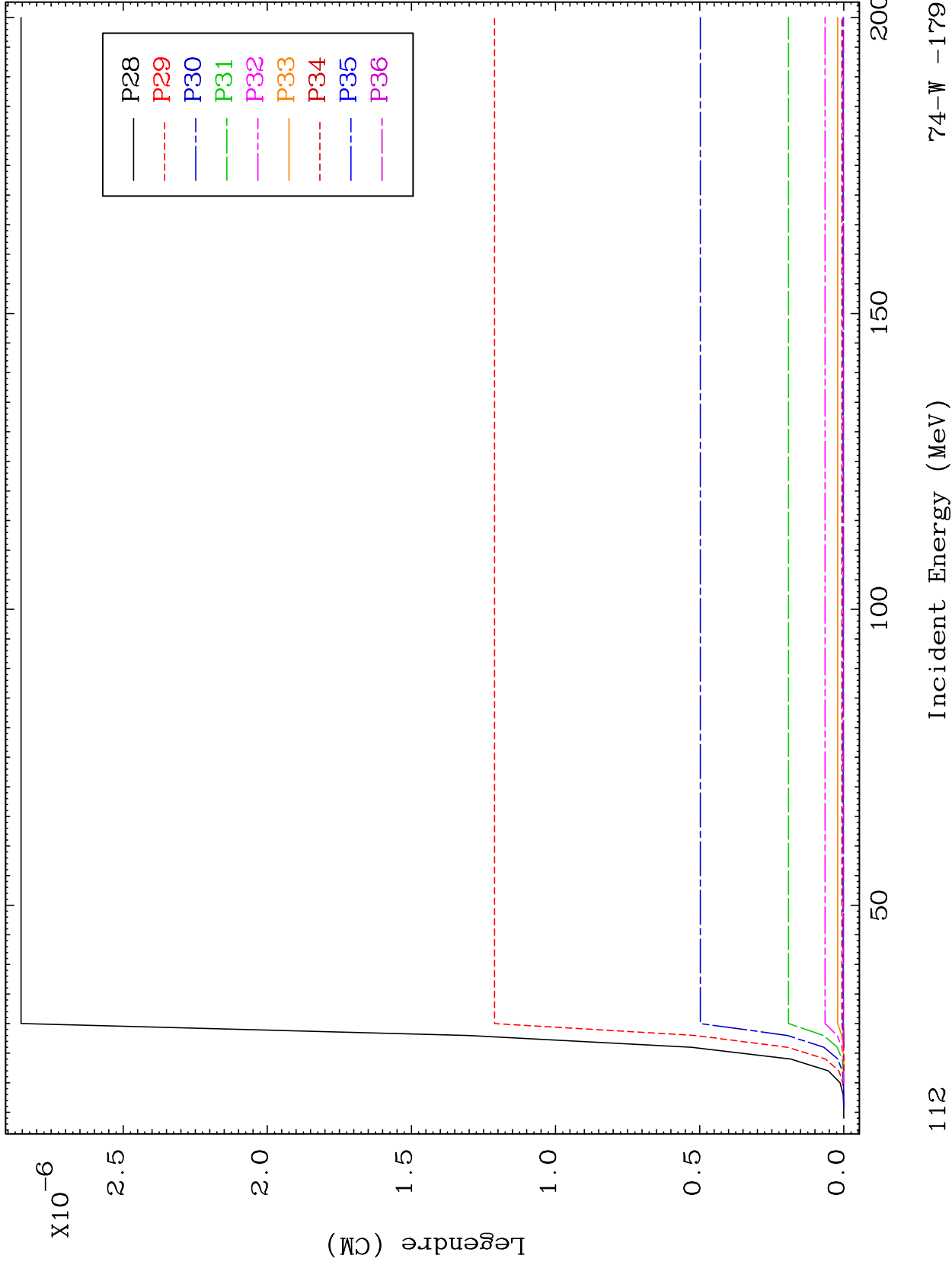
74-W -179



111

Incident Energy (MeV)

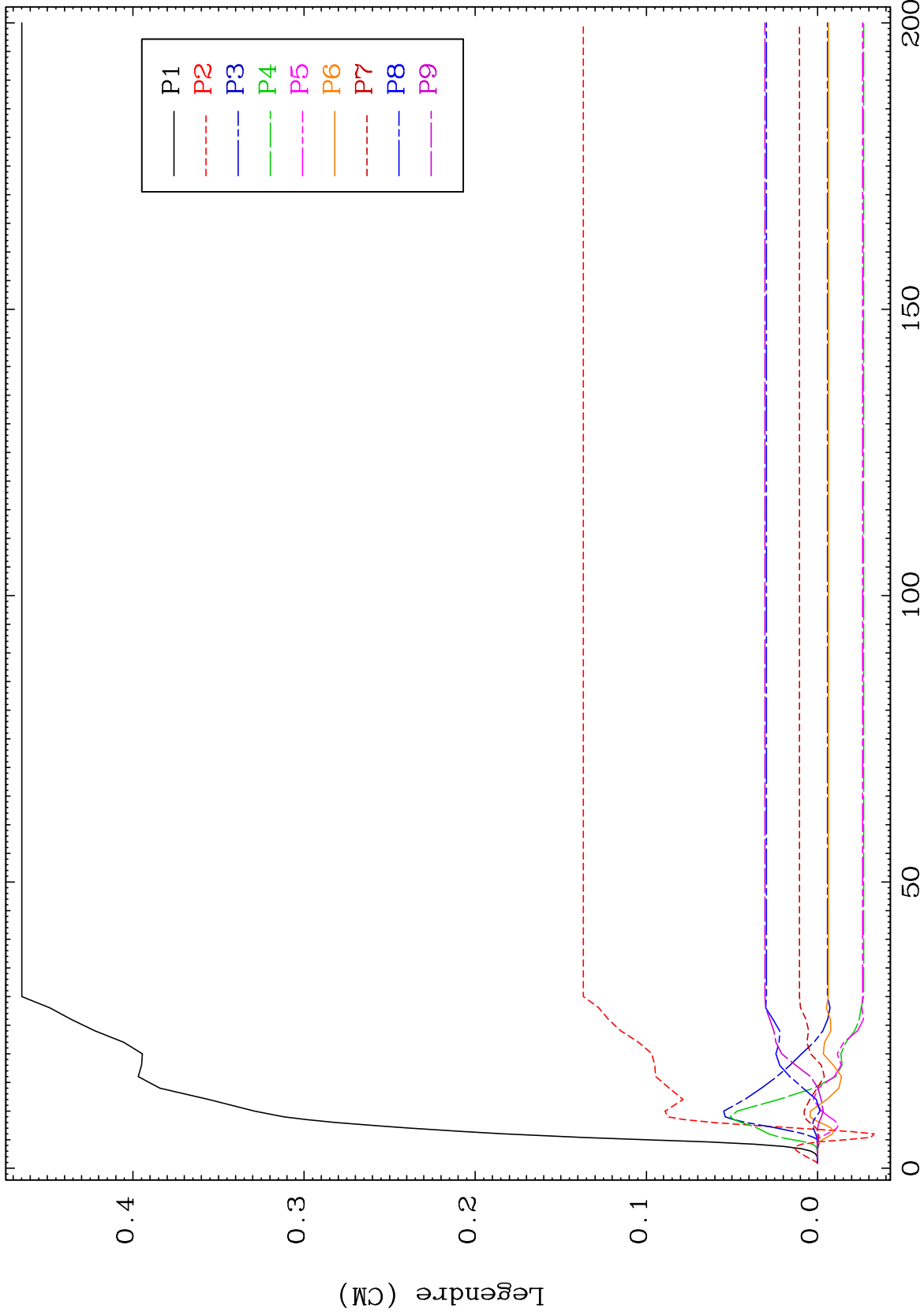
74-W -179



MAT 7422

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

74-W -179



113

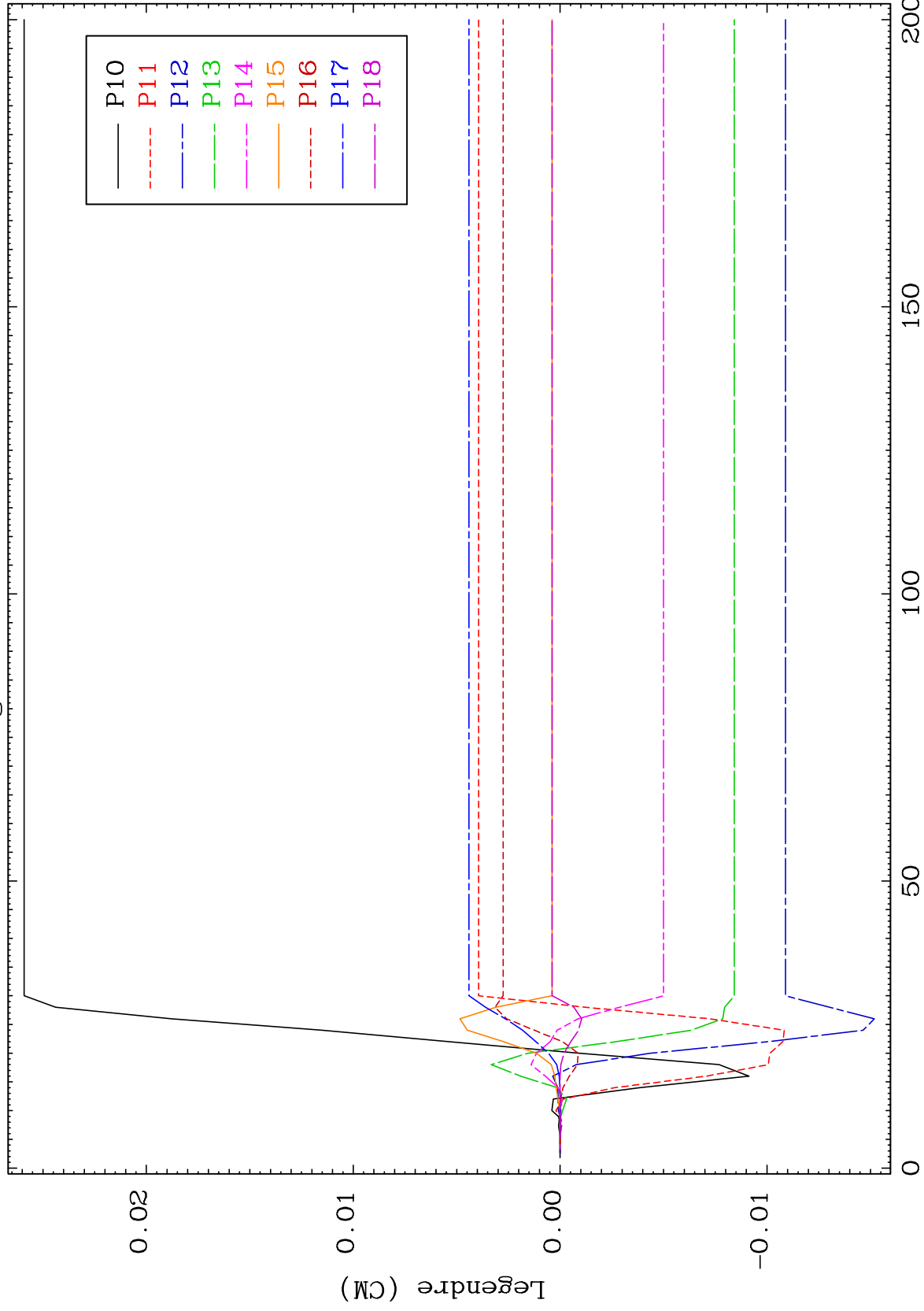
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



114

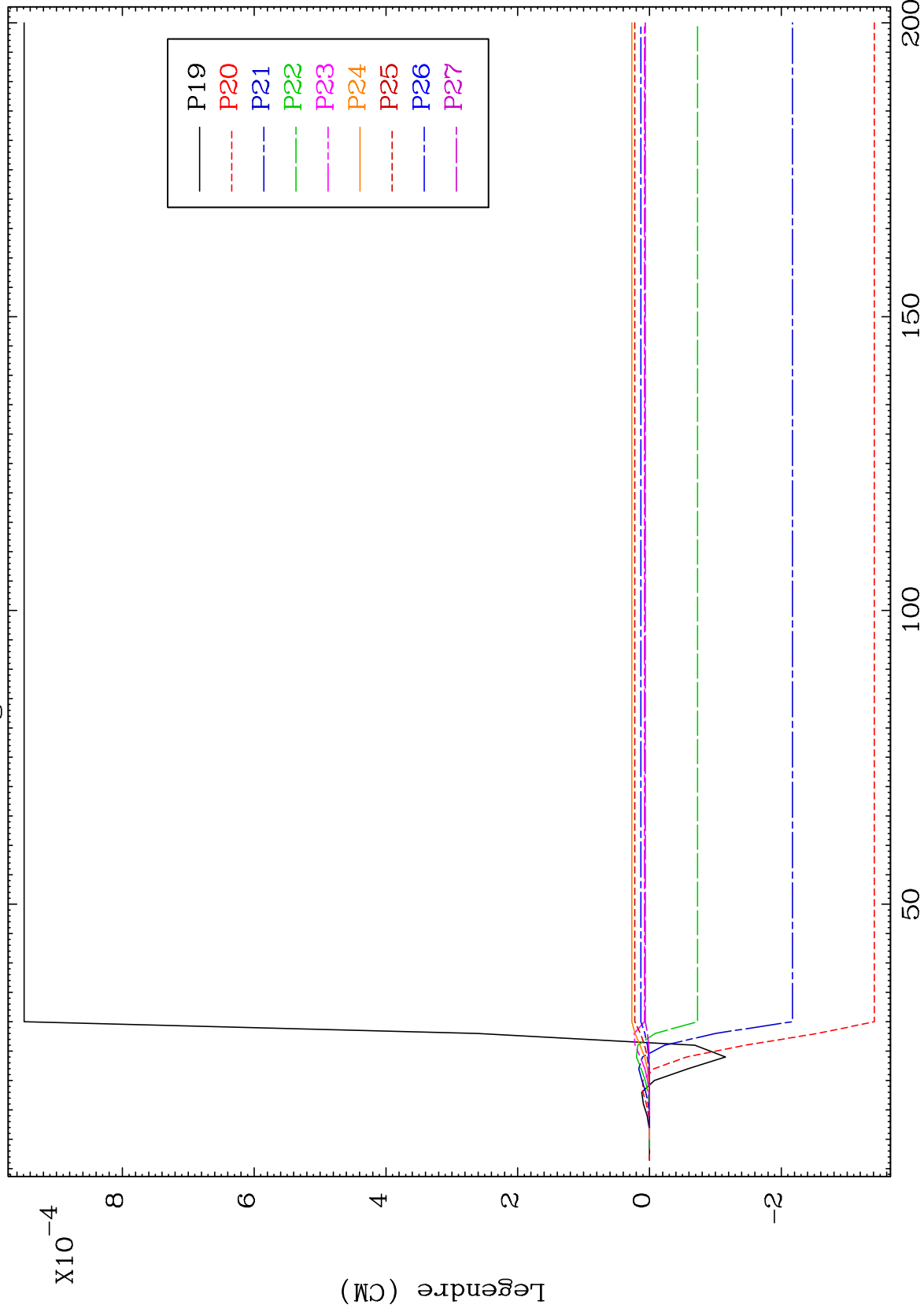
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



115

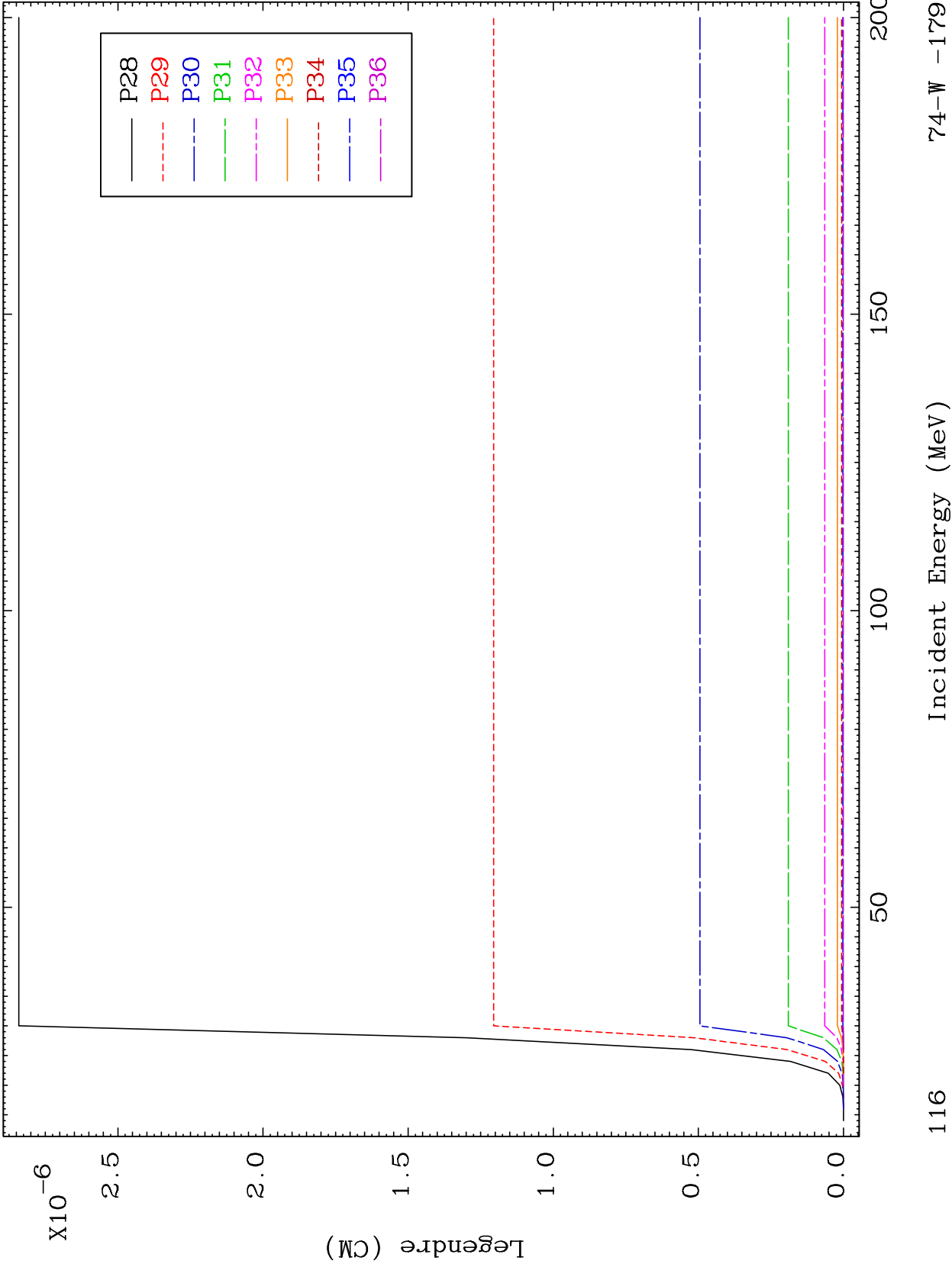
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



116

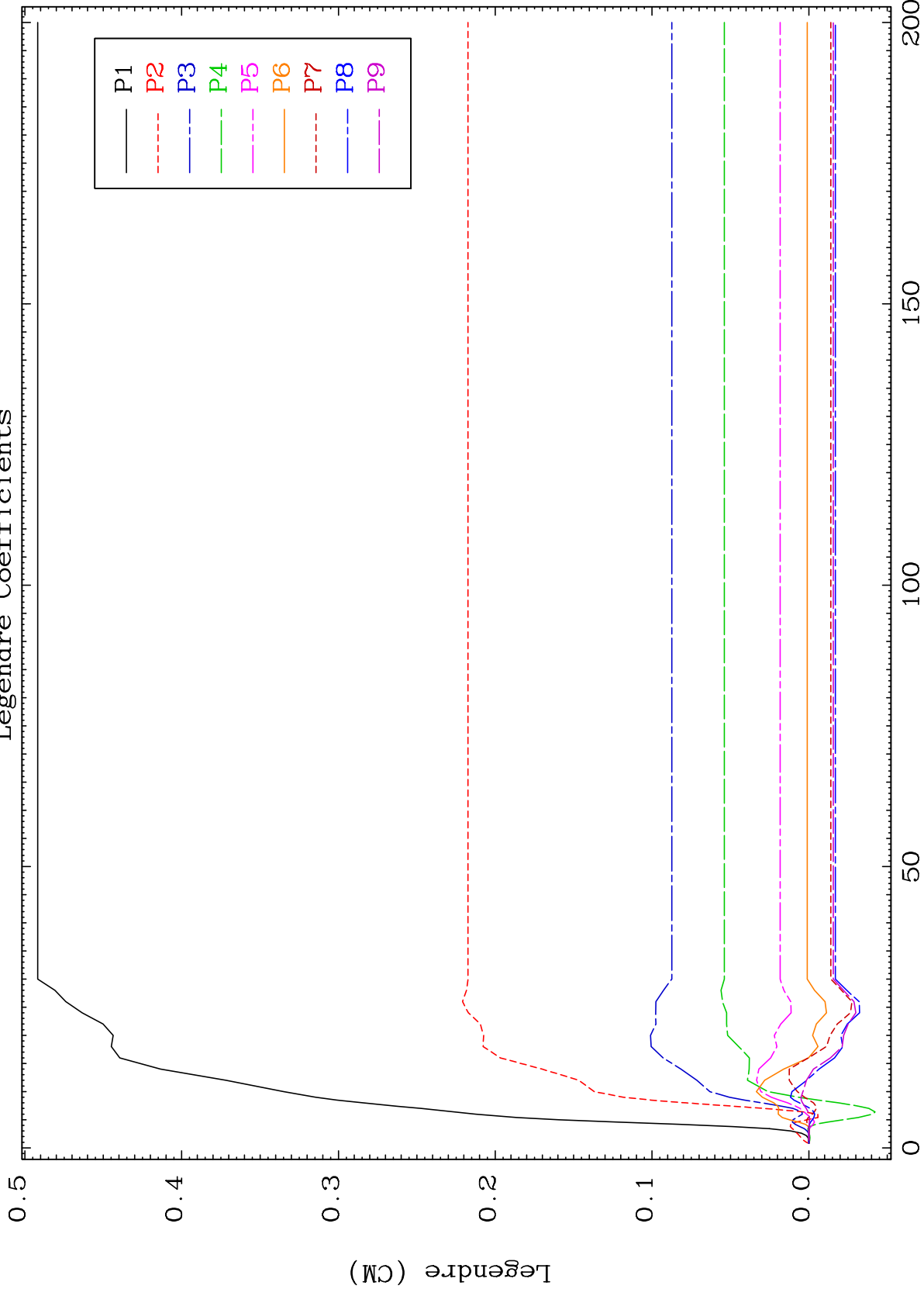
74-W -179

MAT 7422

MT= 75 (n,n') Level

74-W -179

Legendre Coefficients



117

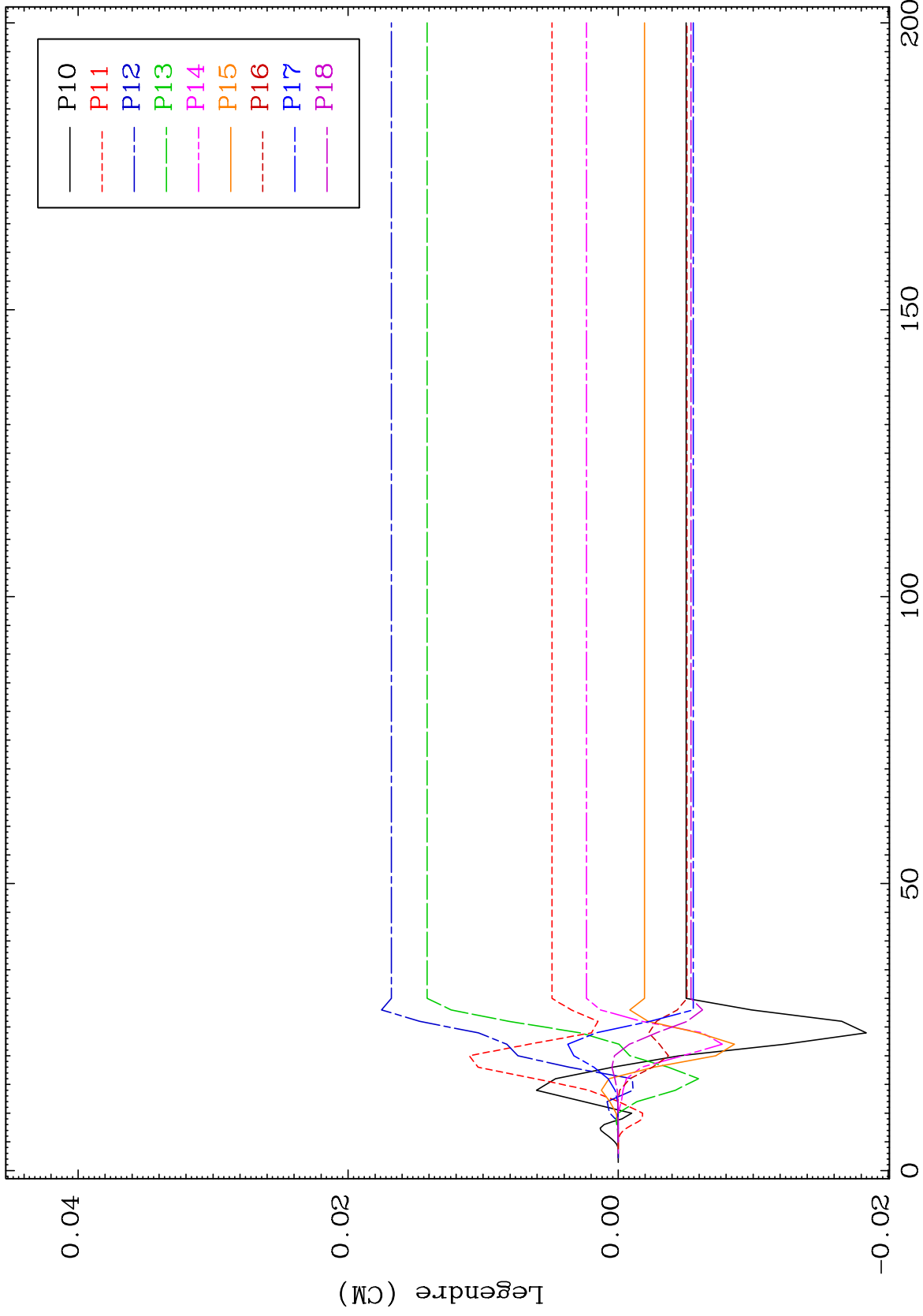
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



118

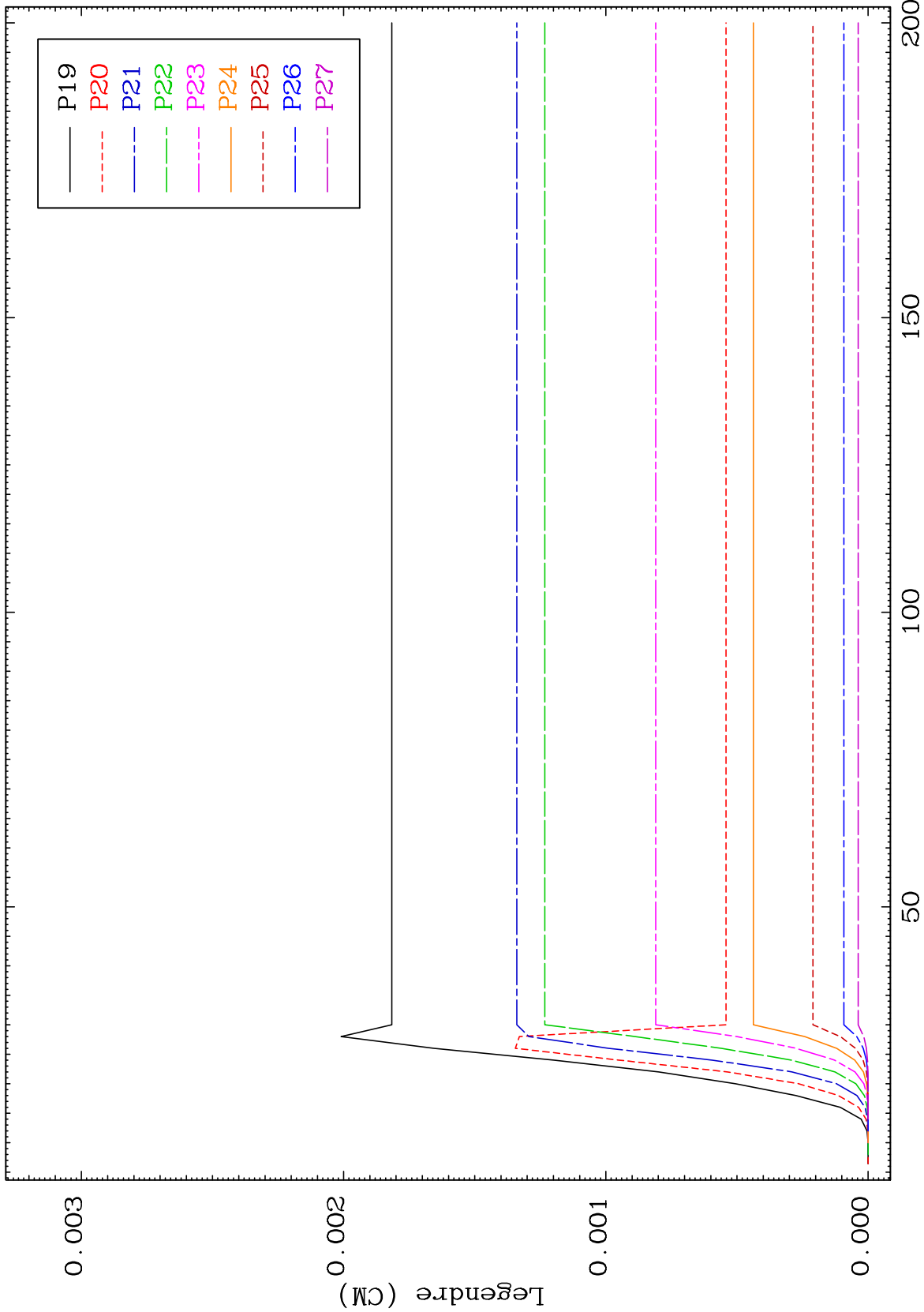
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



119

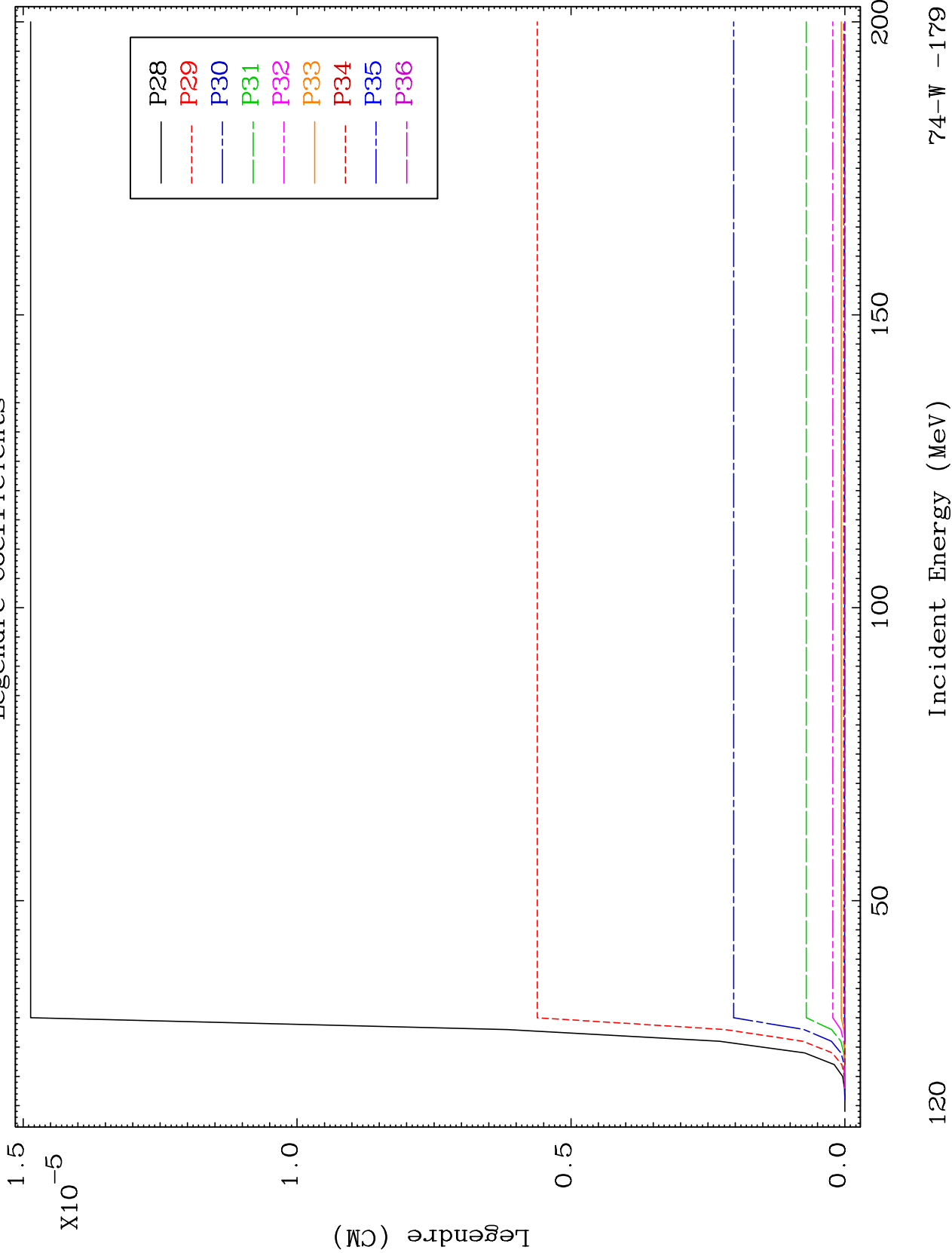
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



120

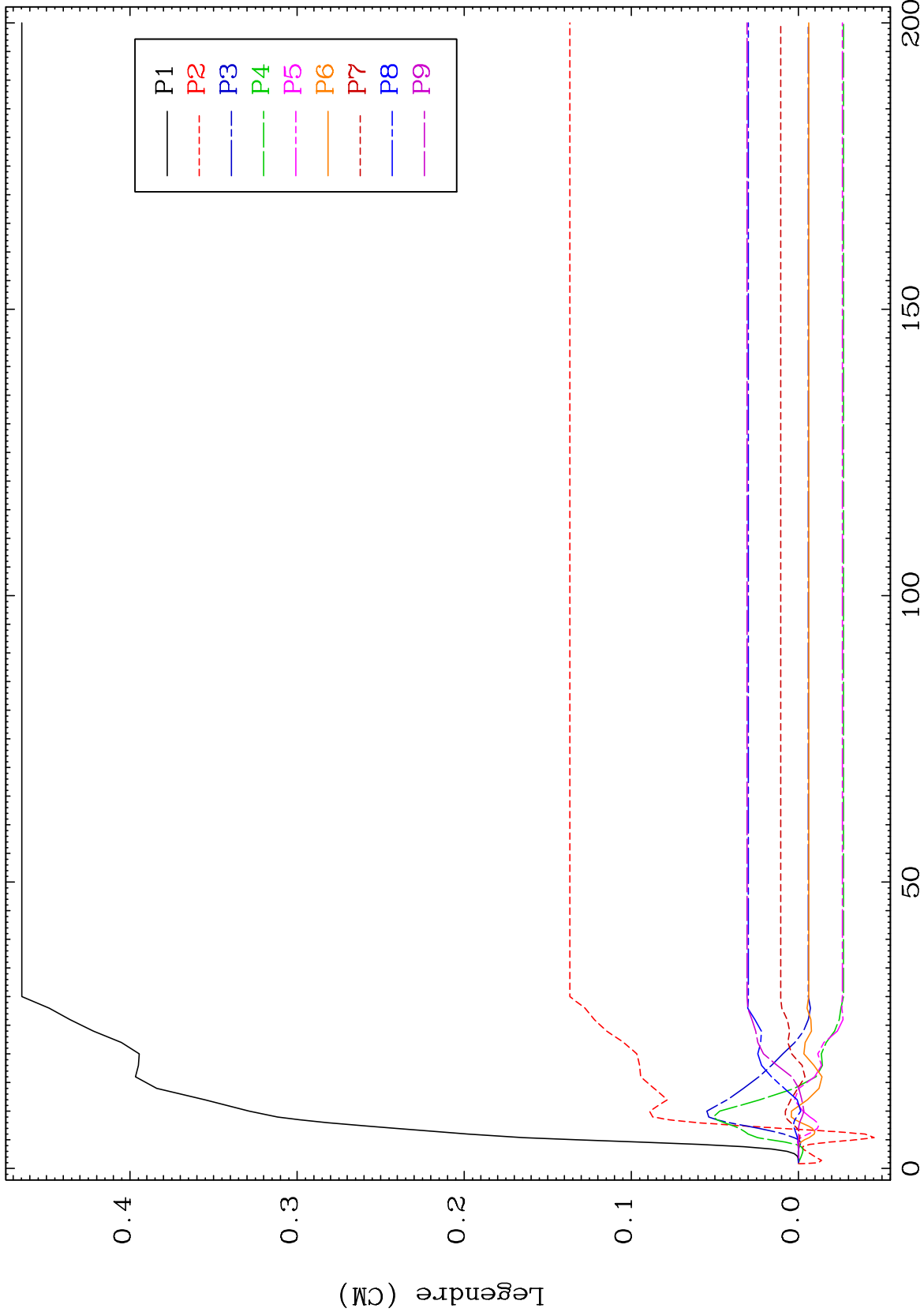
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



74-W -179

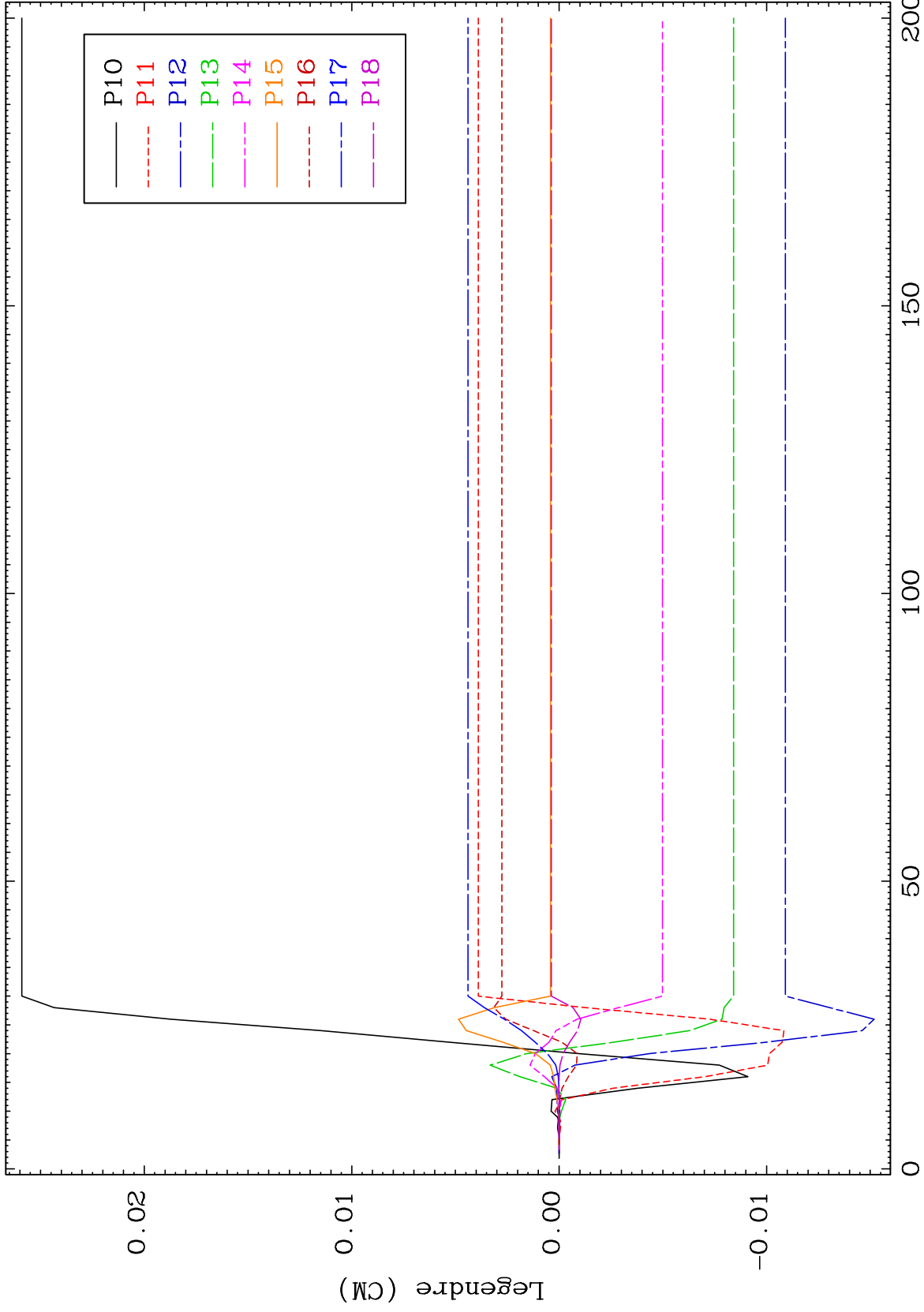
Incident Energy (MeV)

121

MAT 7422

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

74-W -179



122

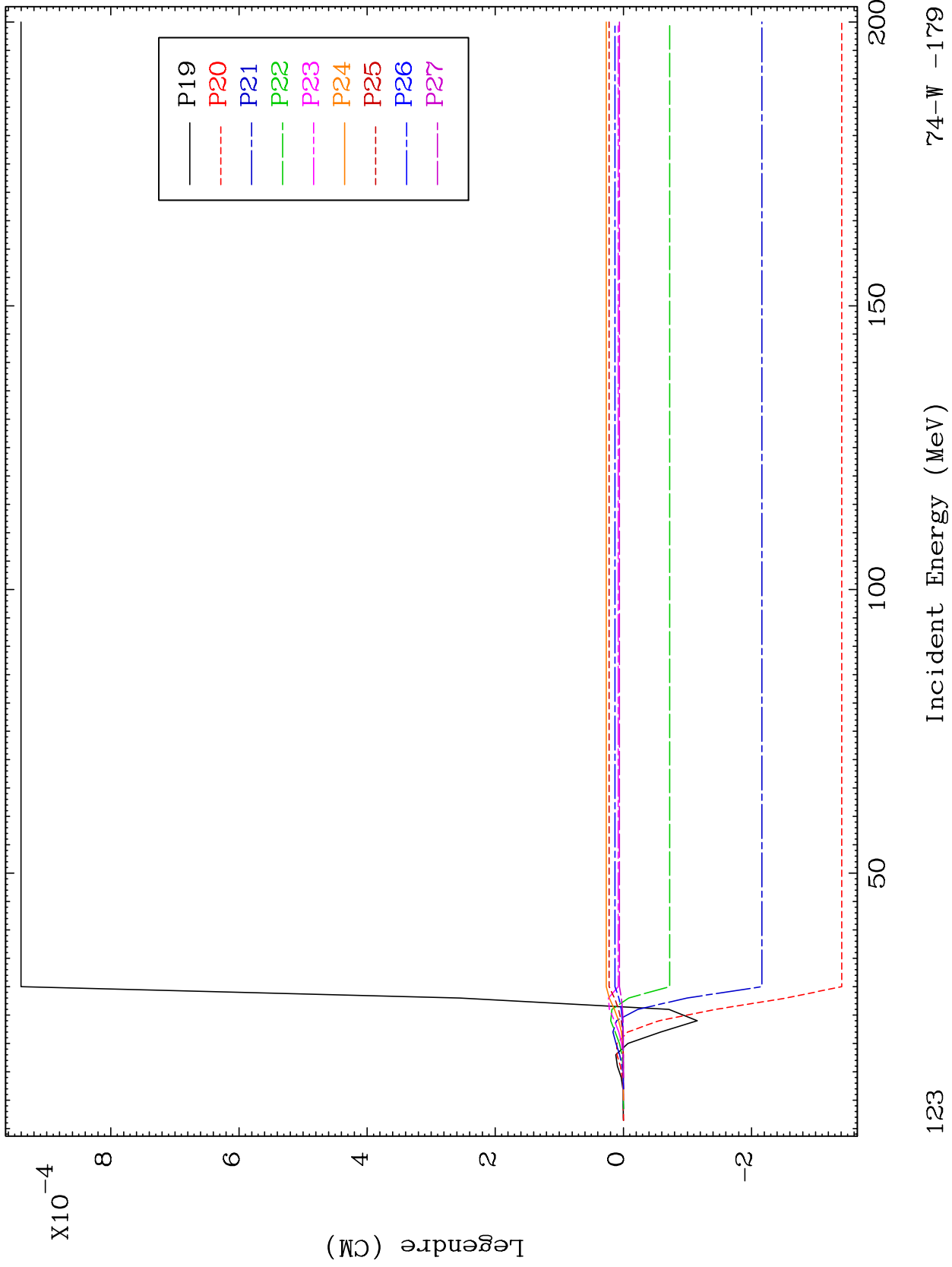
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



123

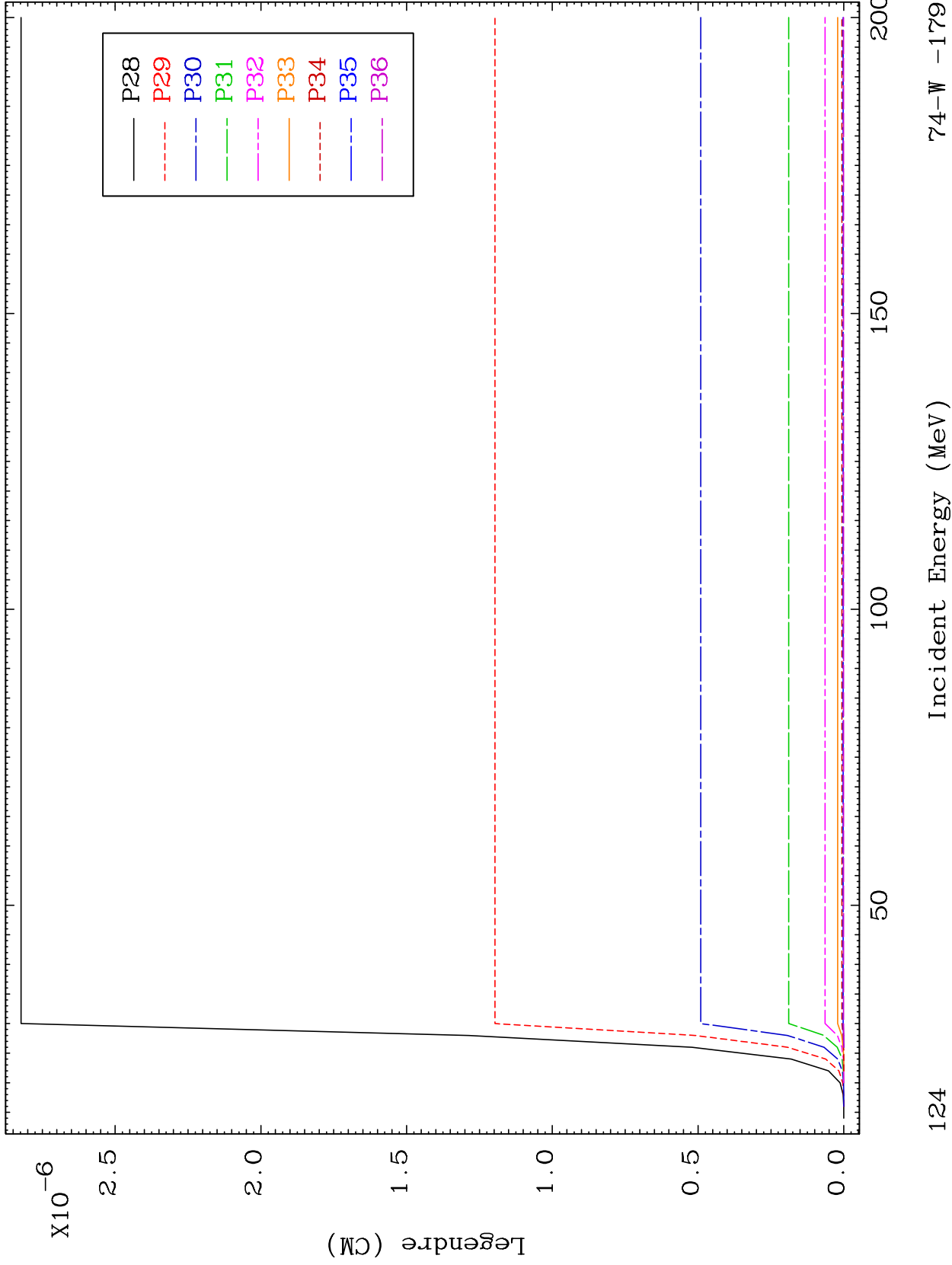
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



124

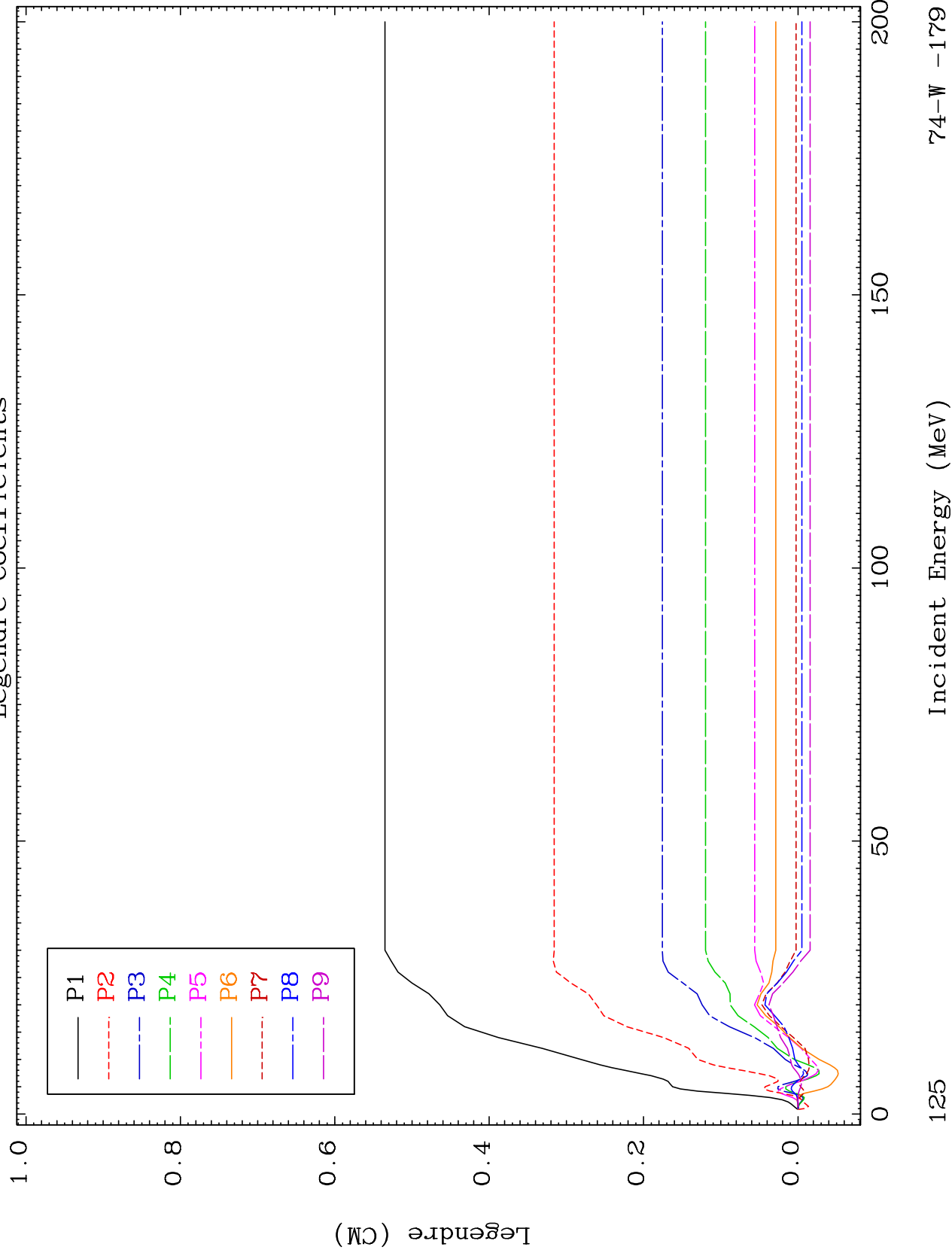
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



74-W -179

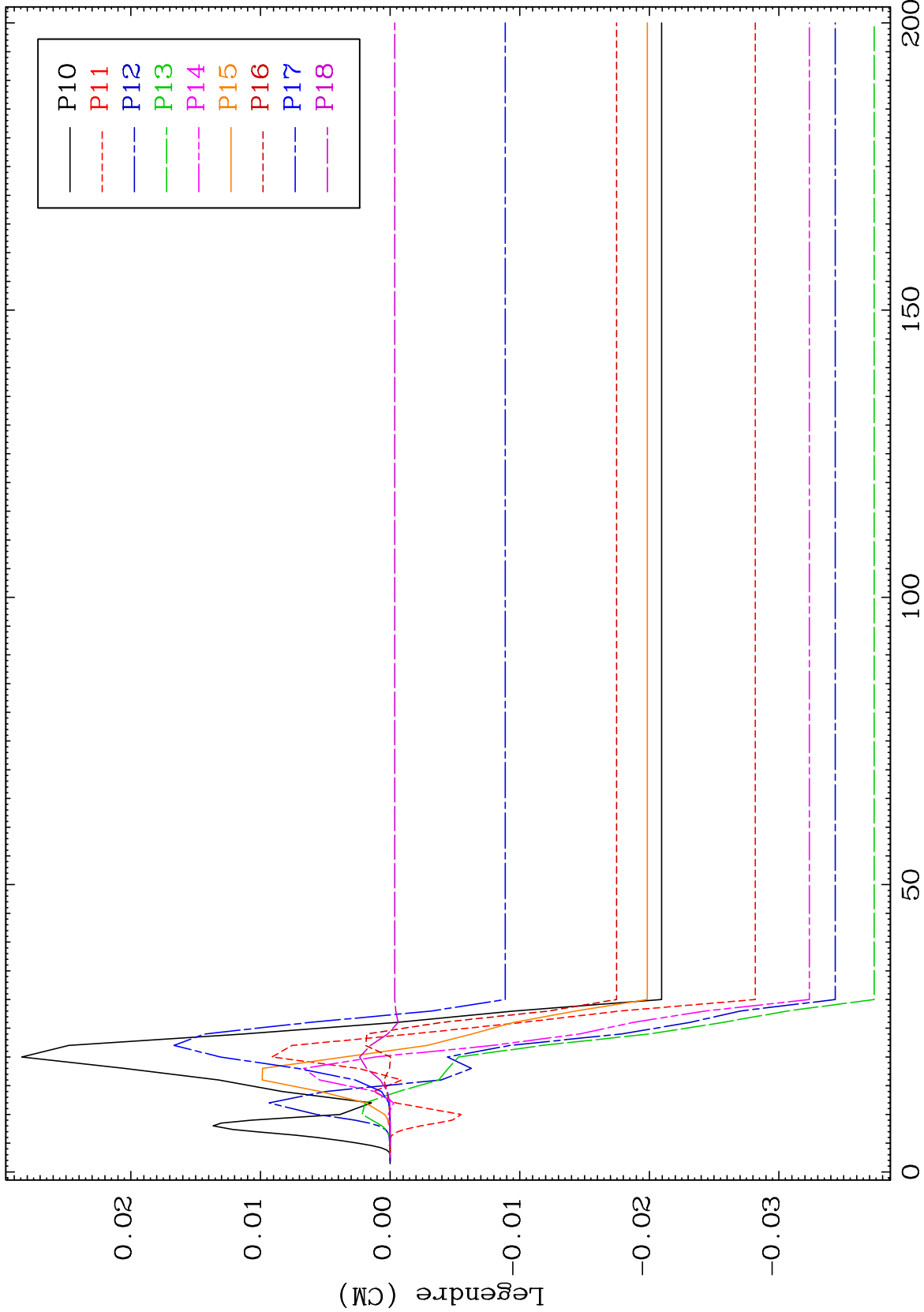
Incident Energy (MeV)

125

MAT 7422

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

74-W -179



126

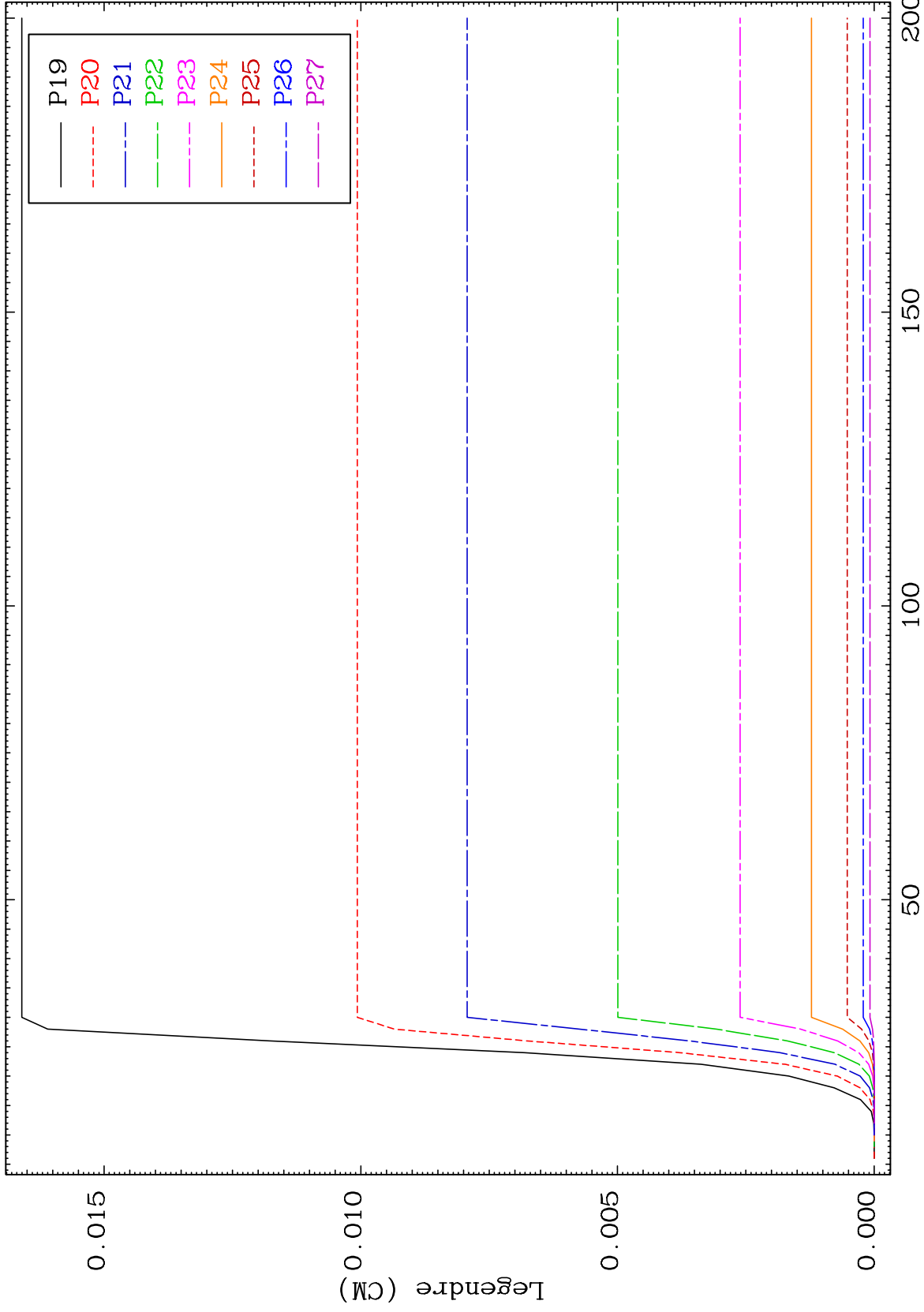
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



127

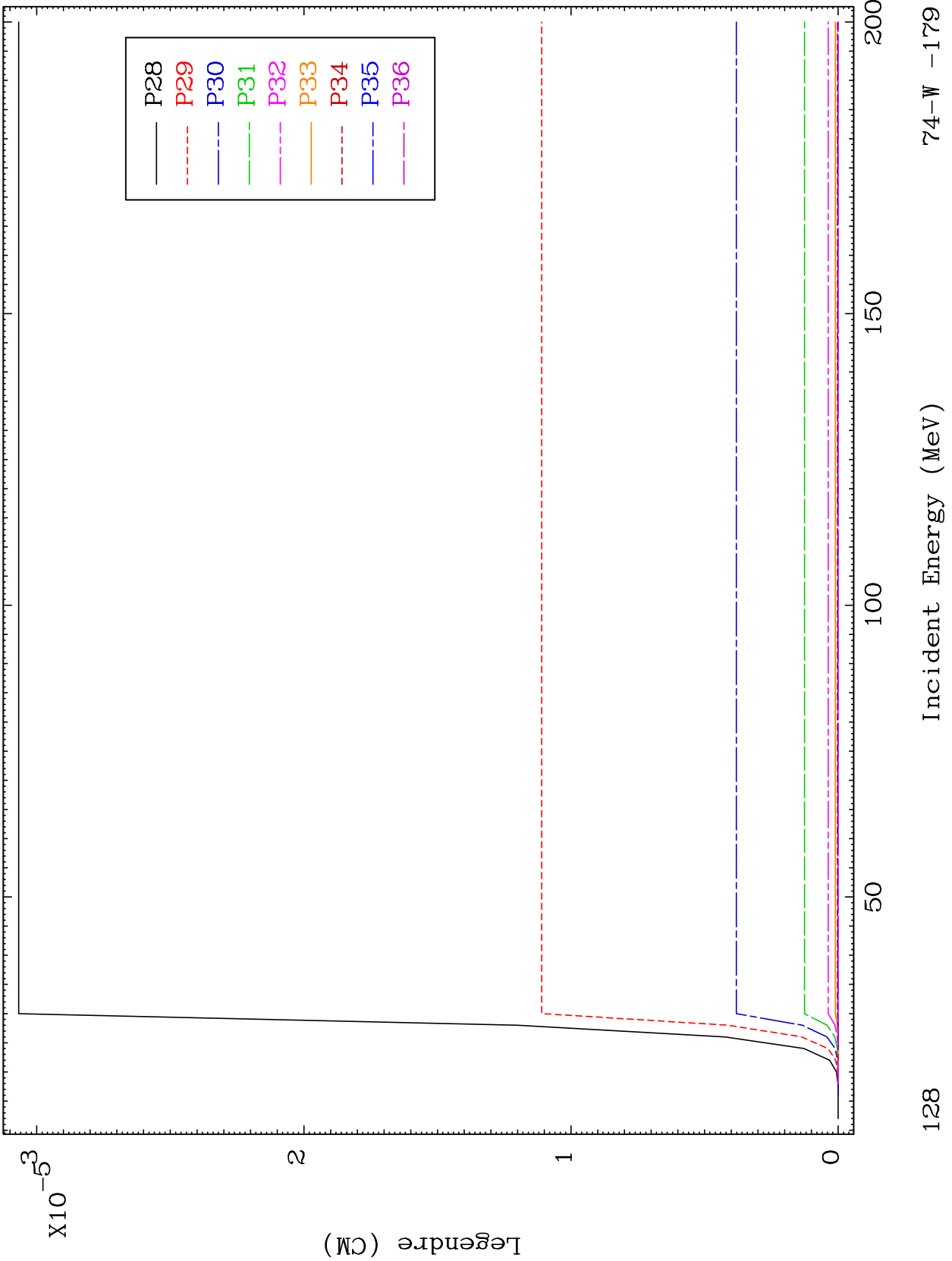
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



128

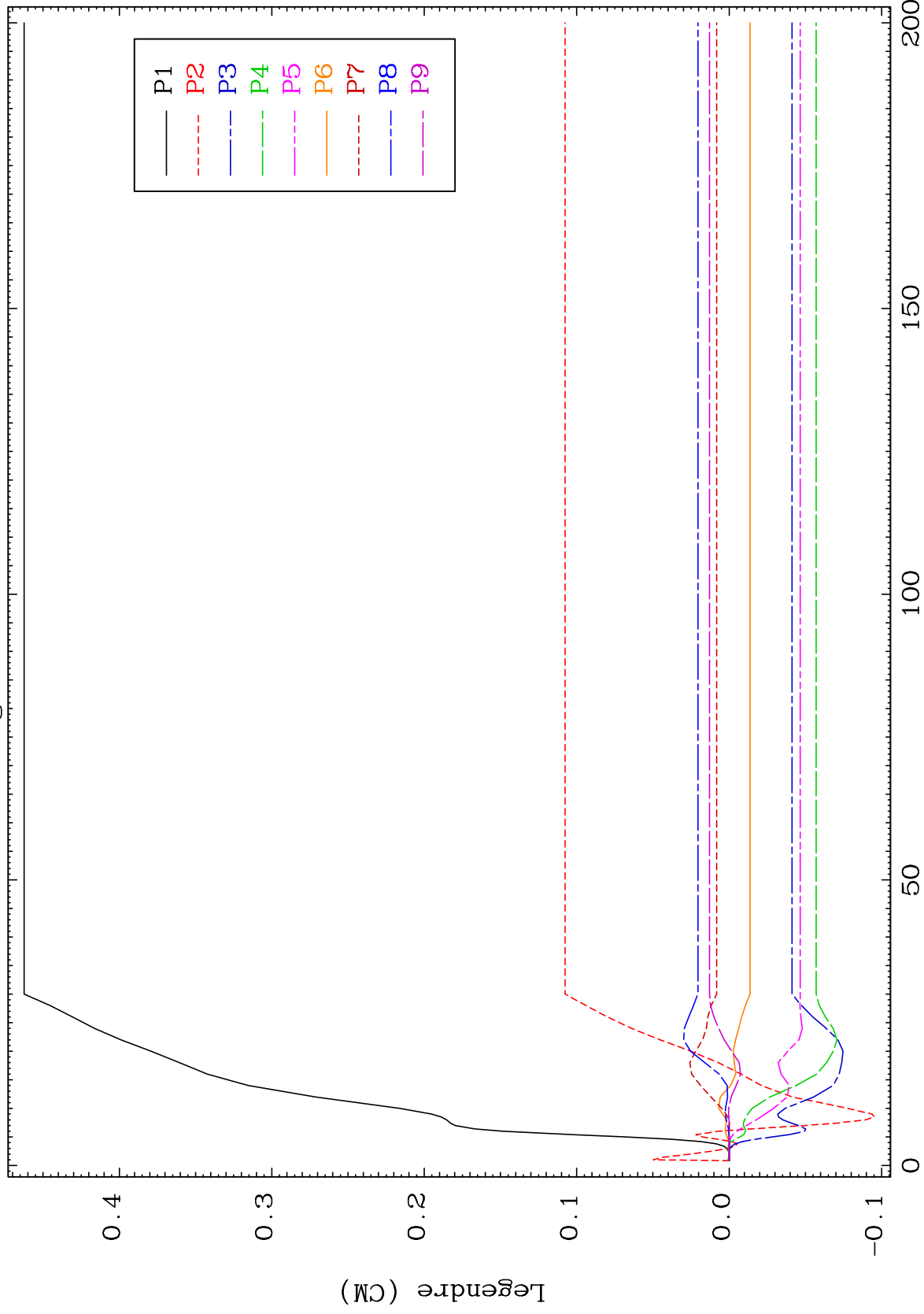
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



129

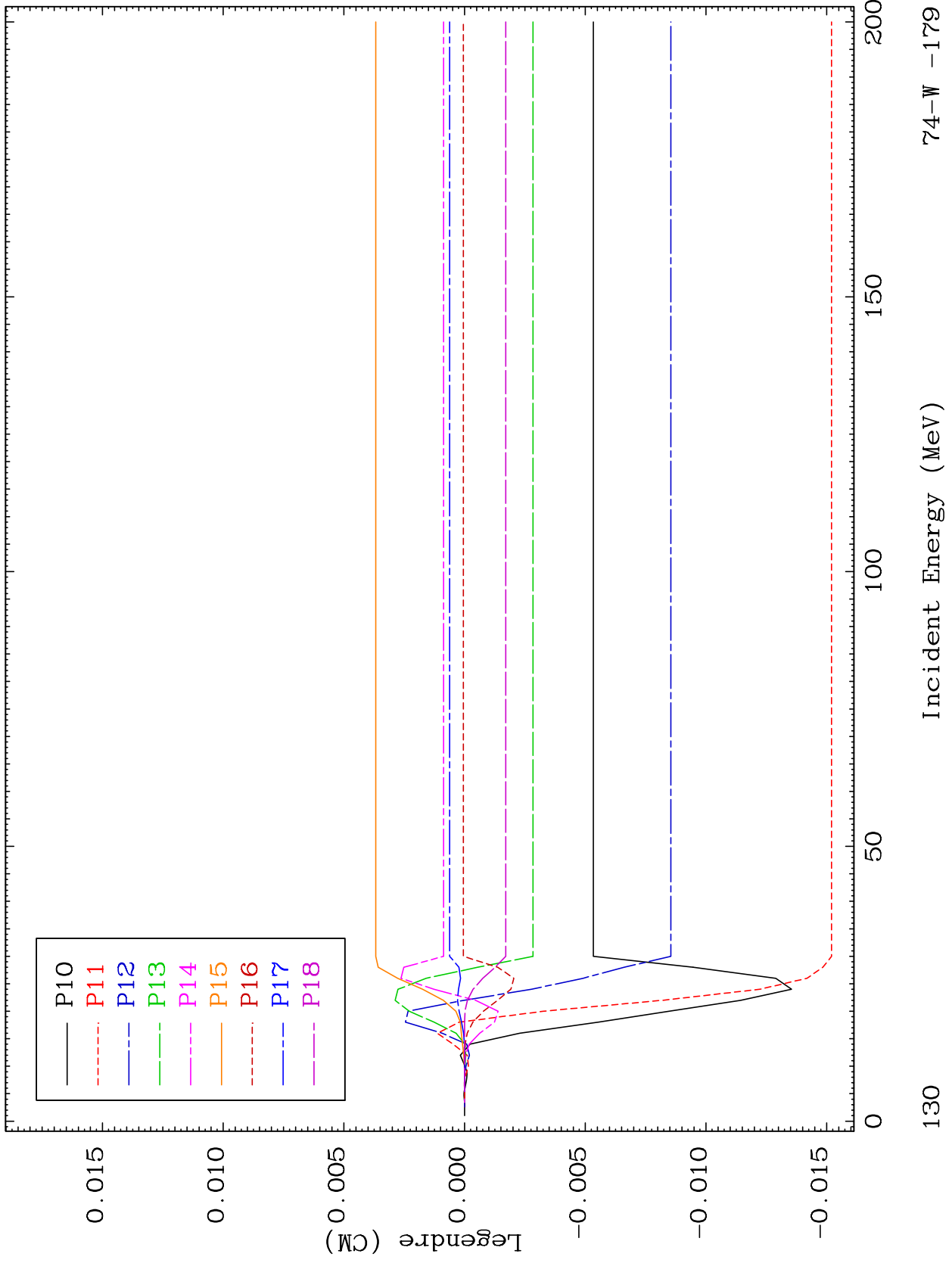
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



130

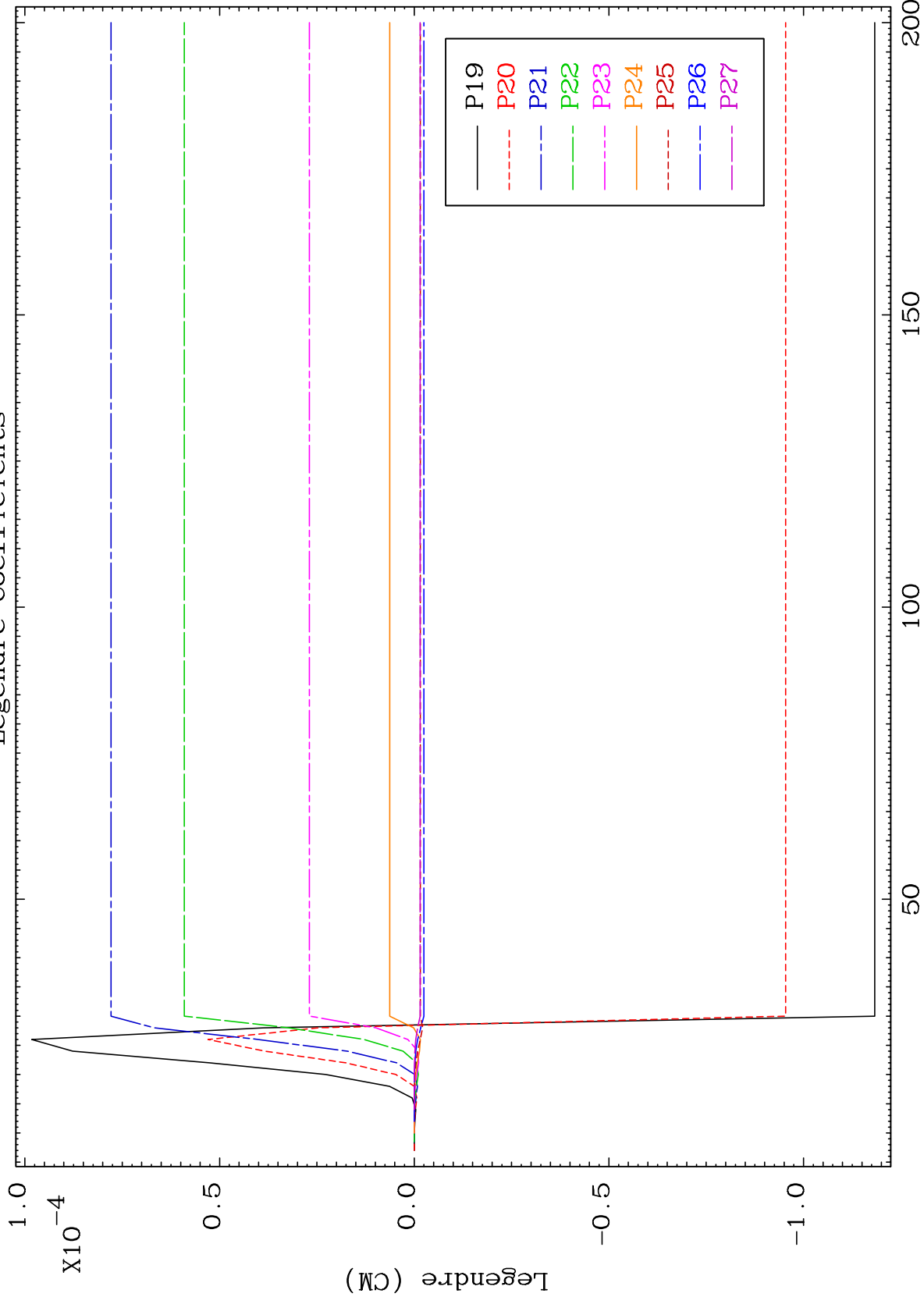
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



131

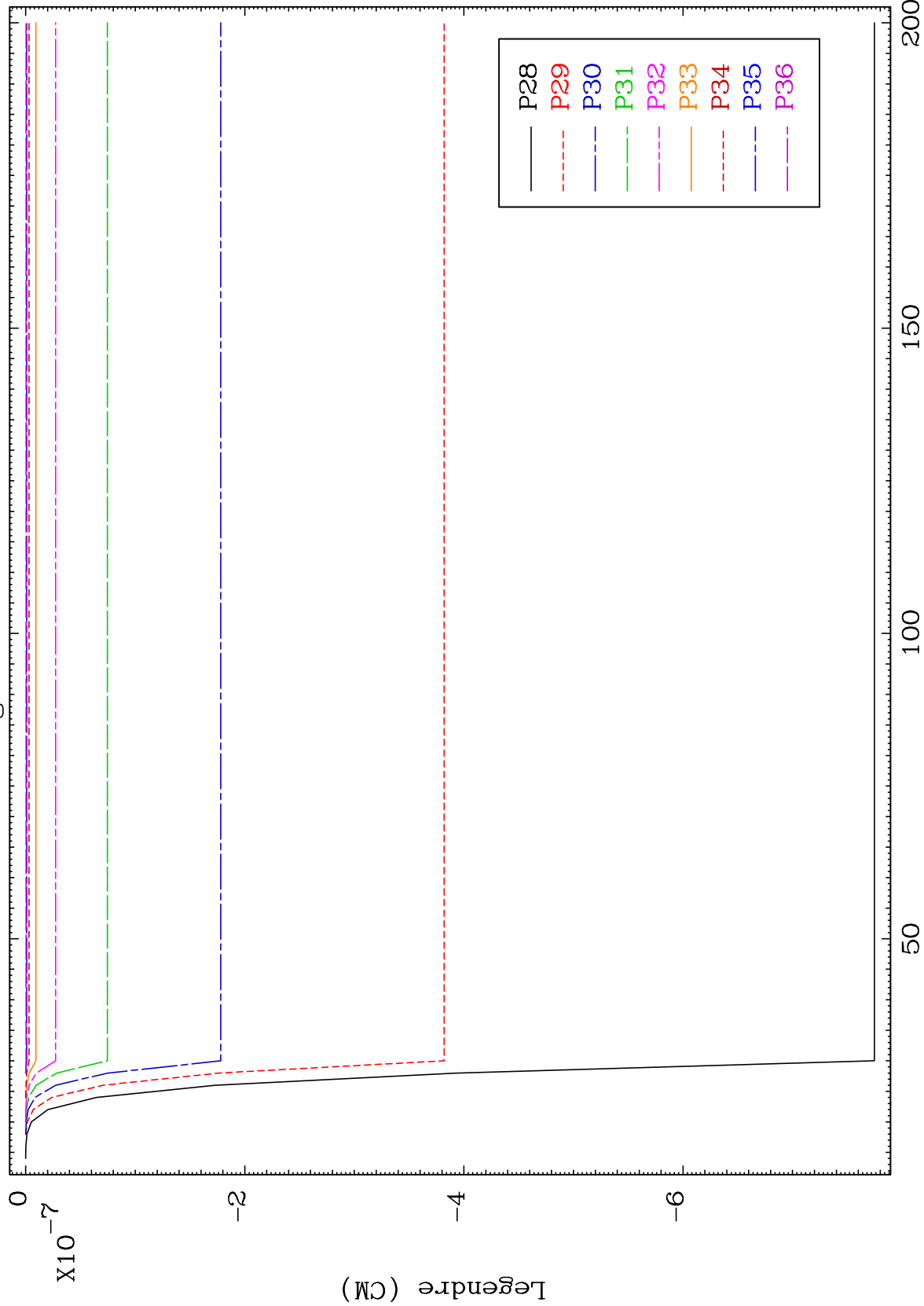
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



132

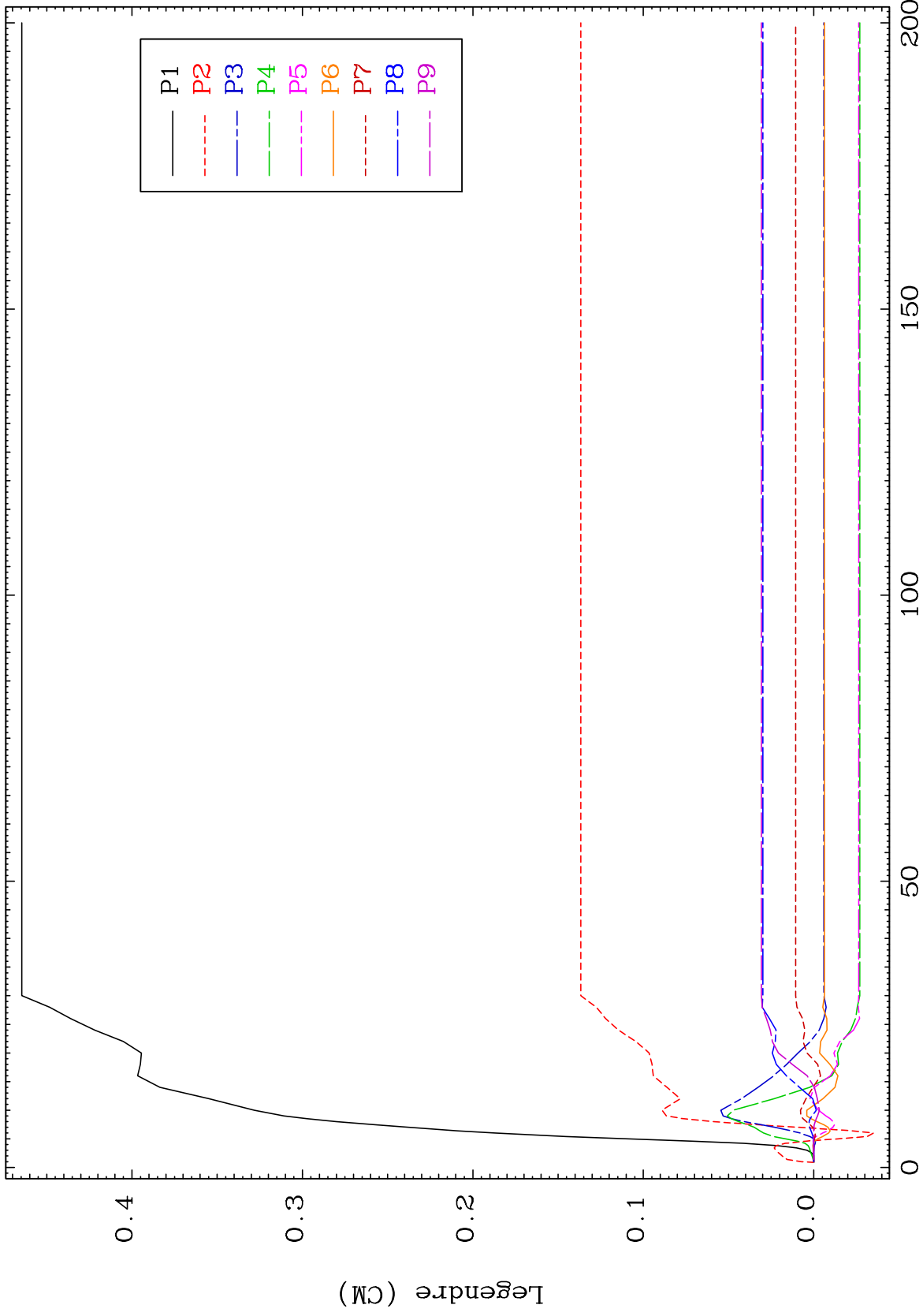
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



133

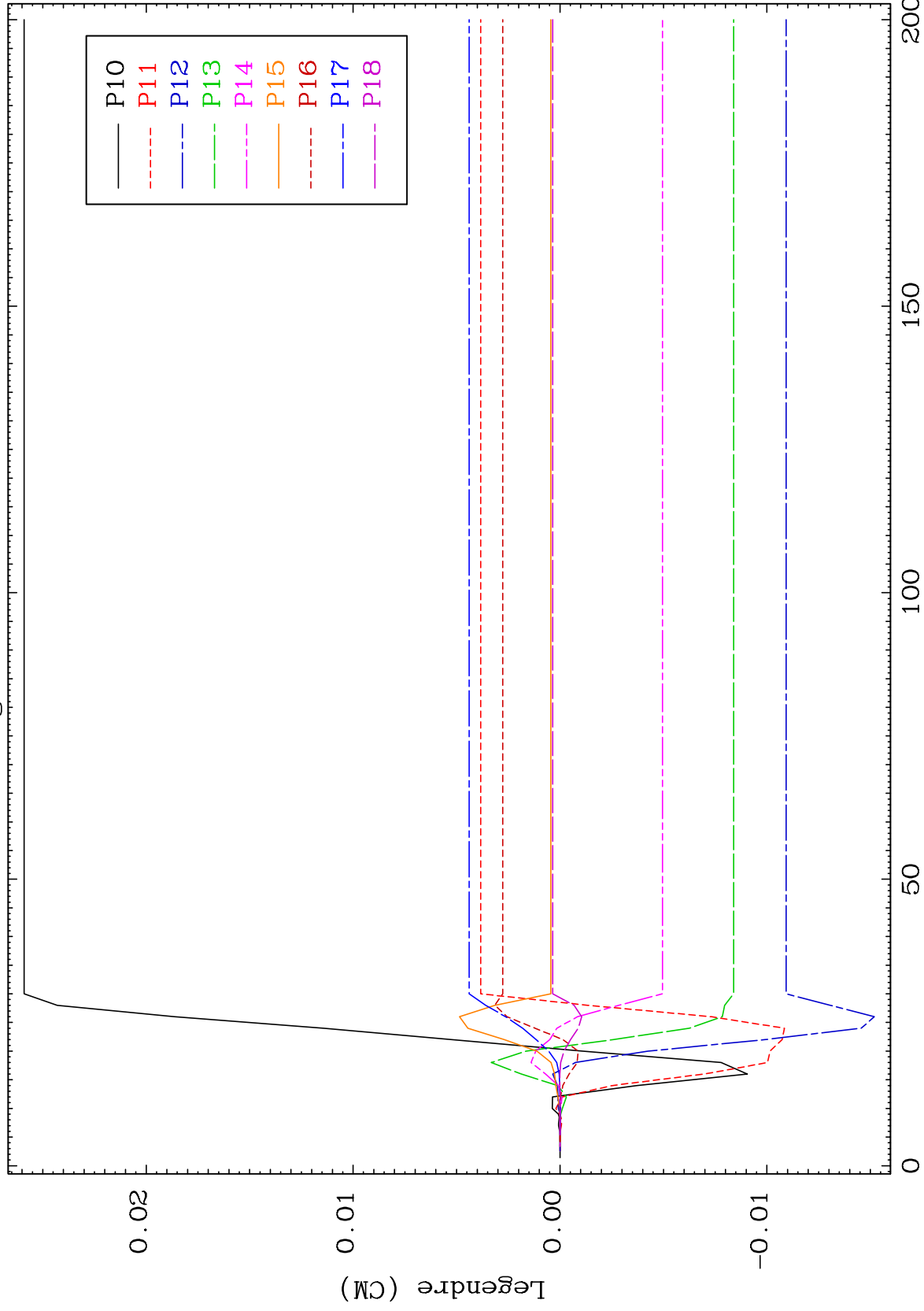
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



134

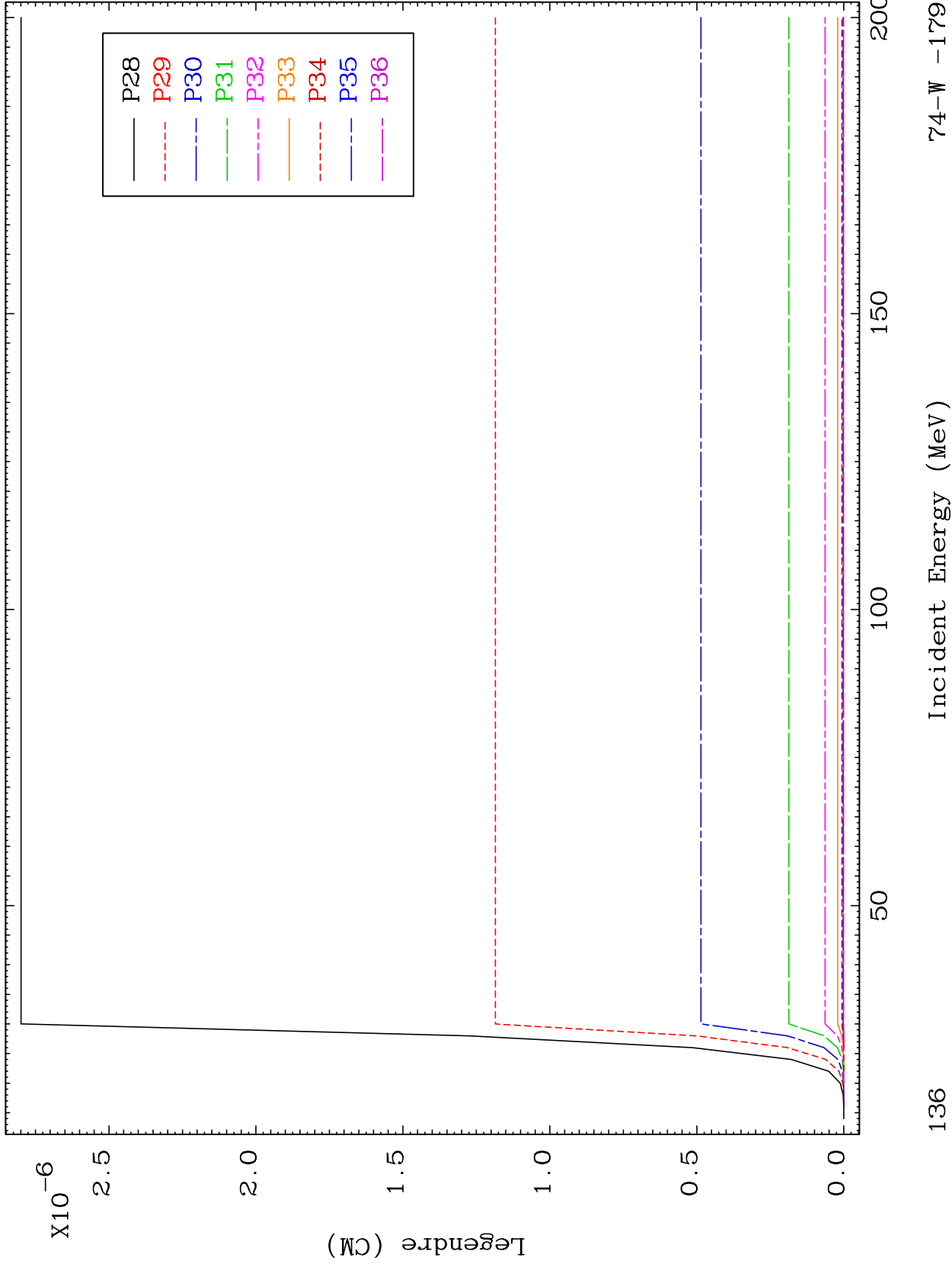
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



136

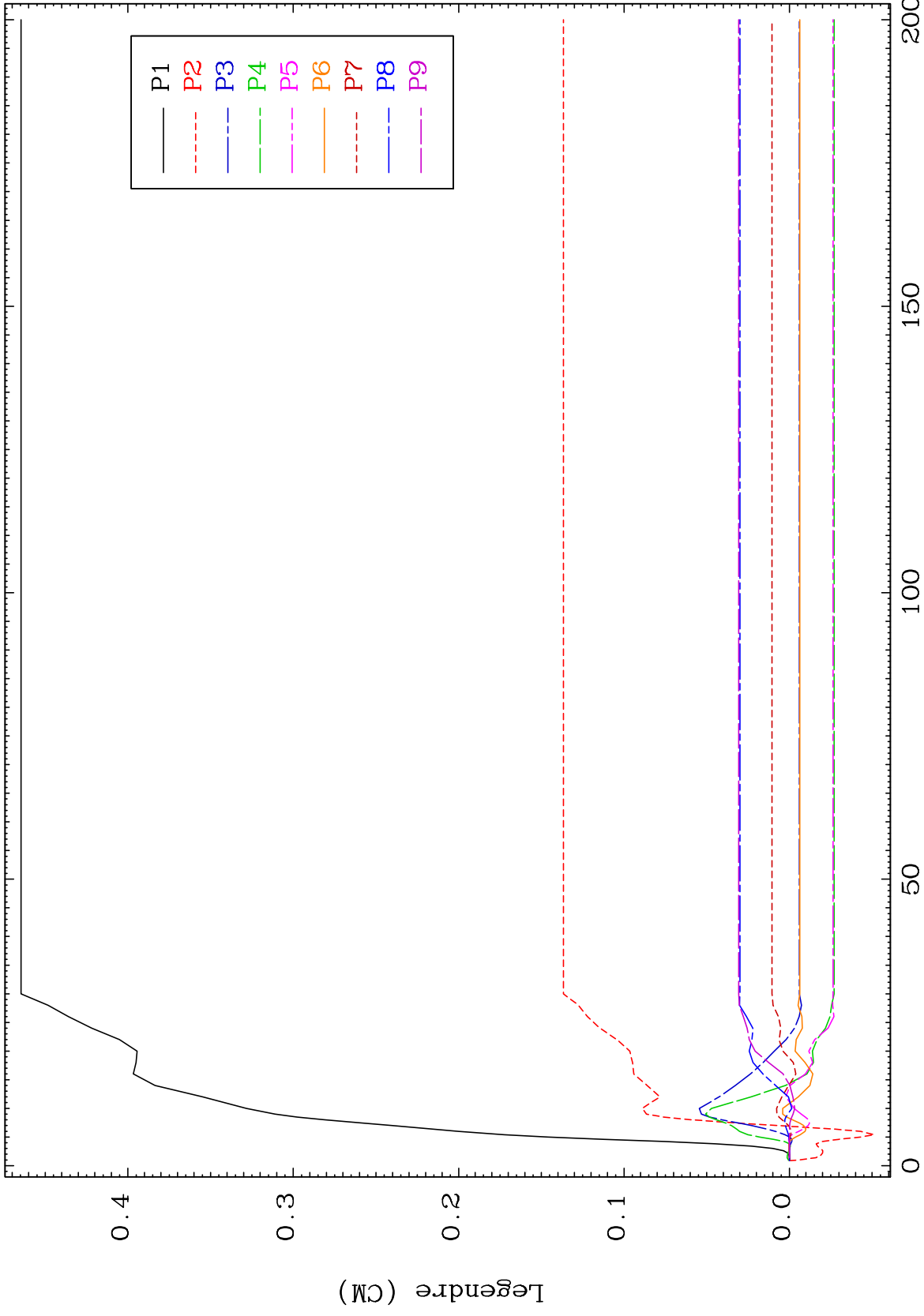
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



137

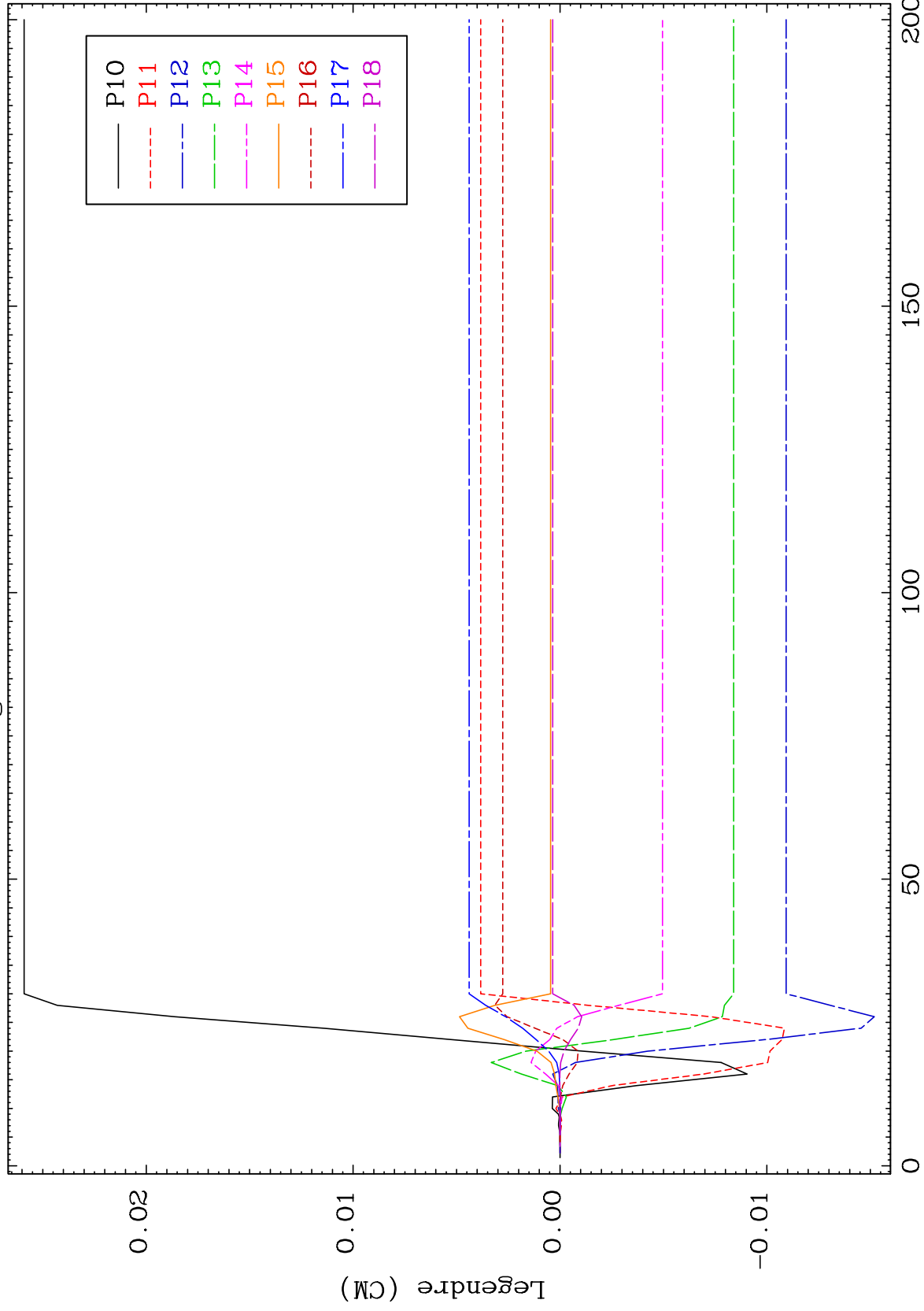
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



138

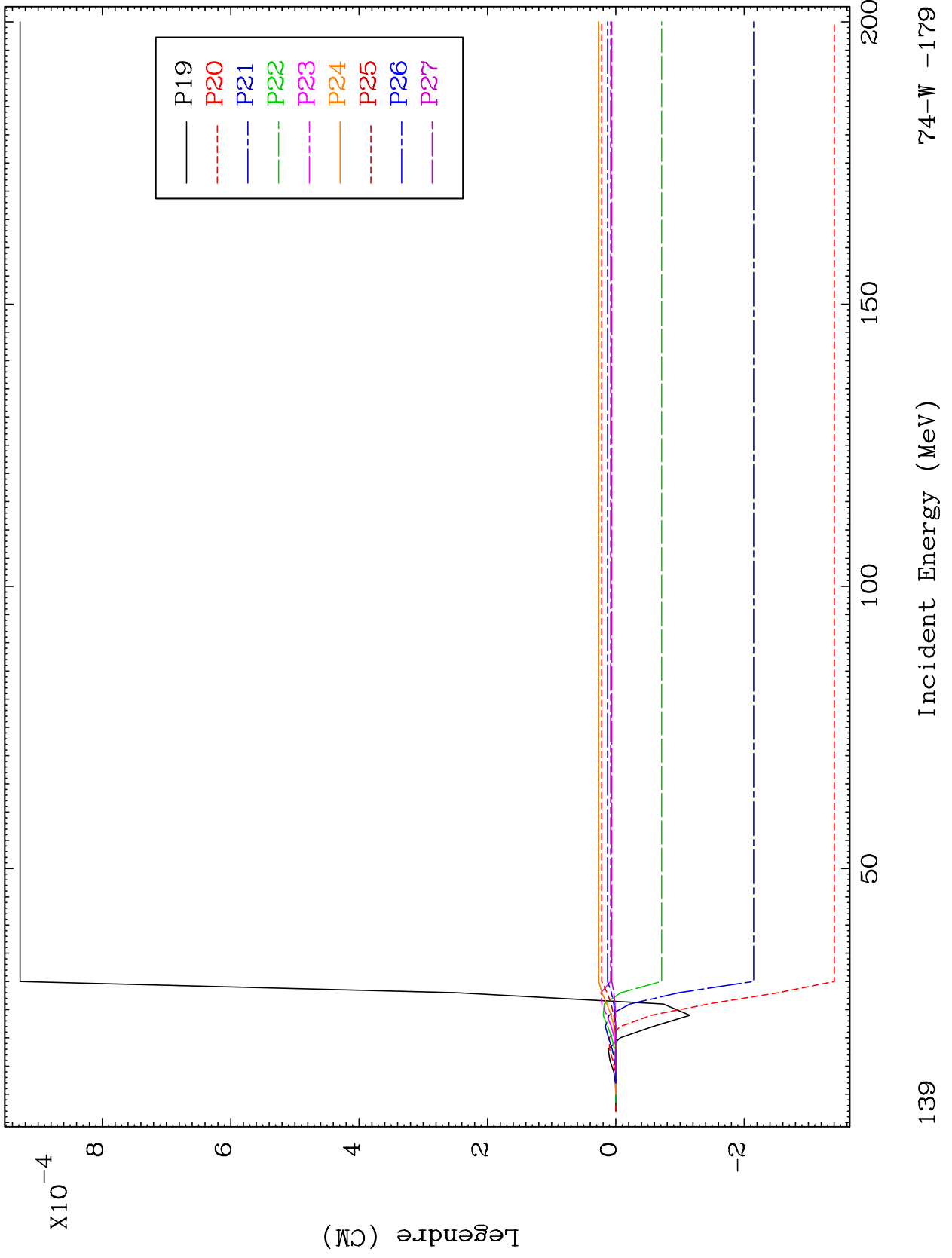
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



139

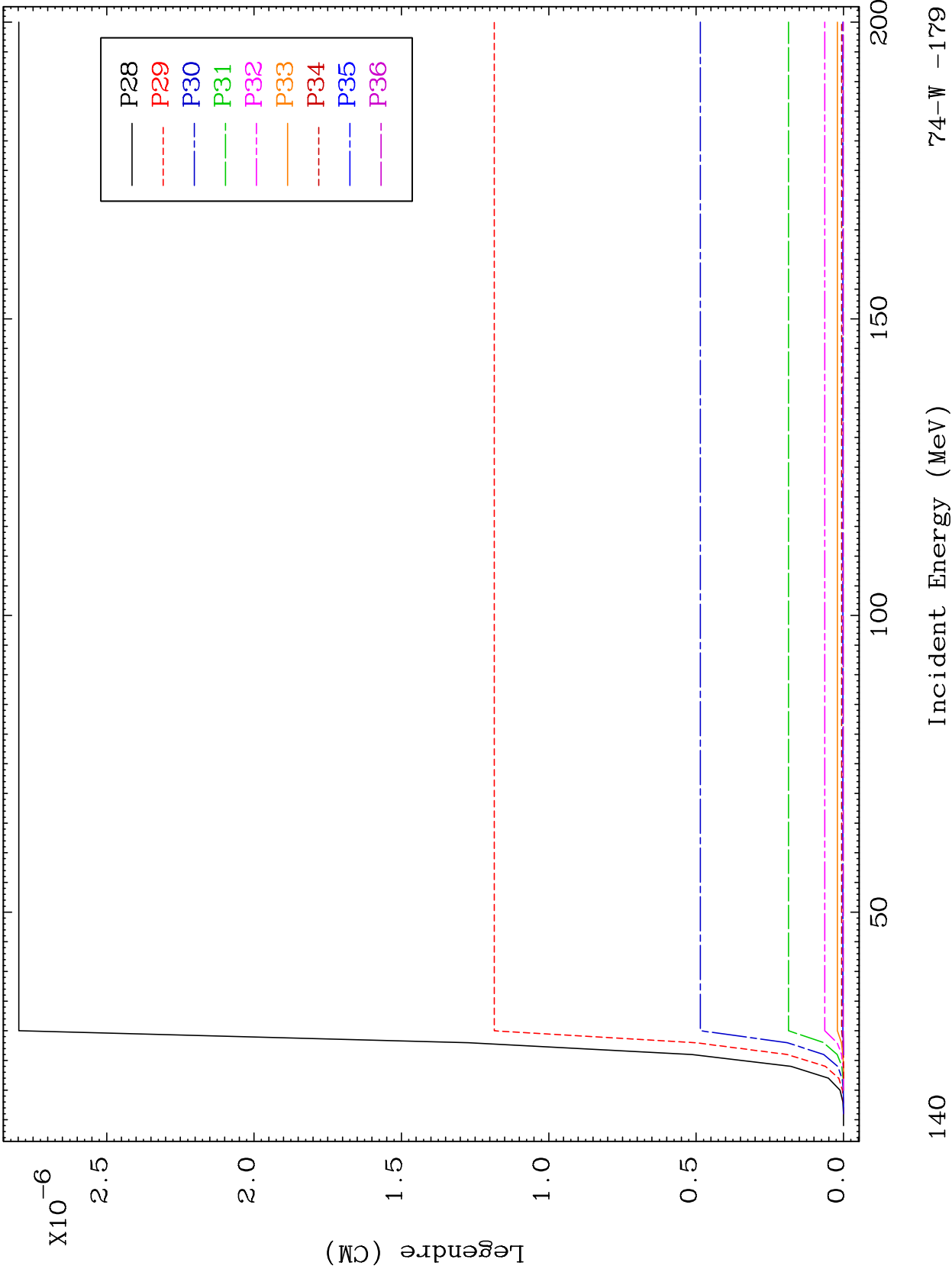
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



140

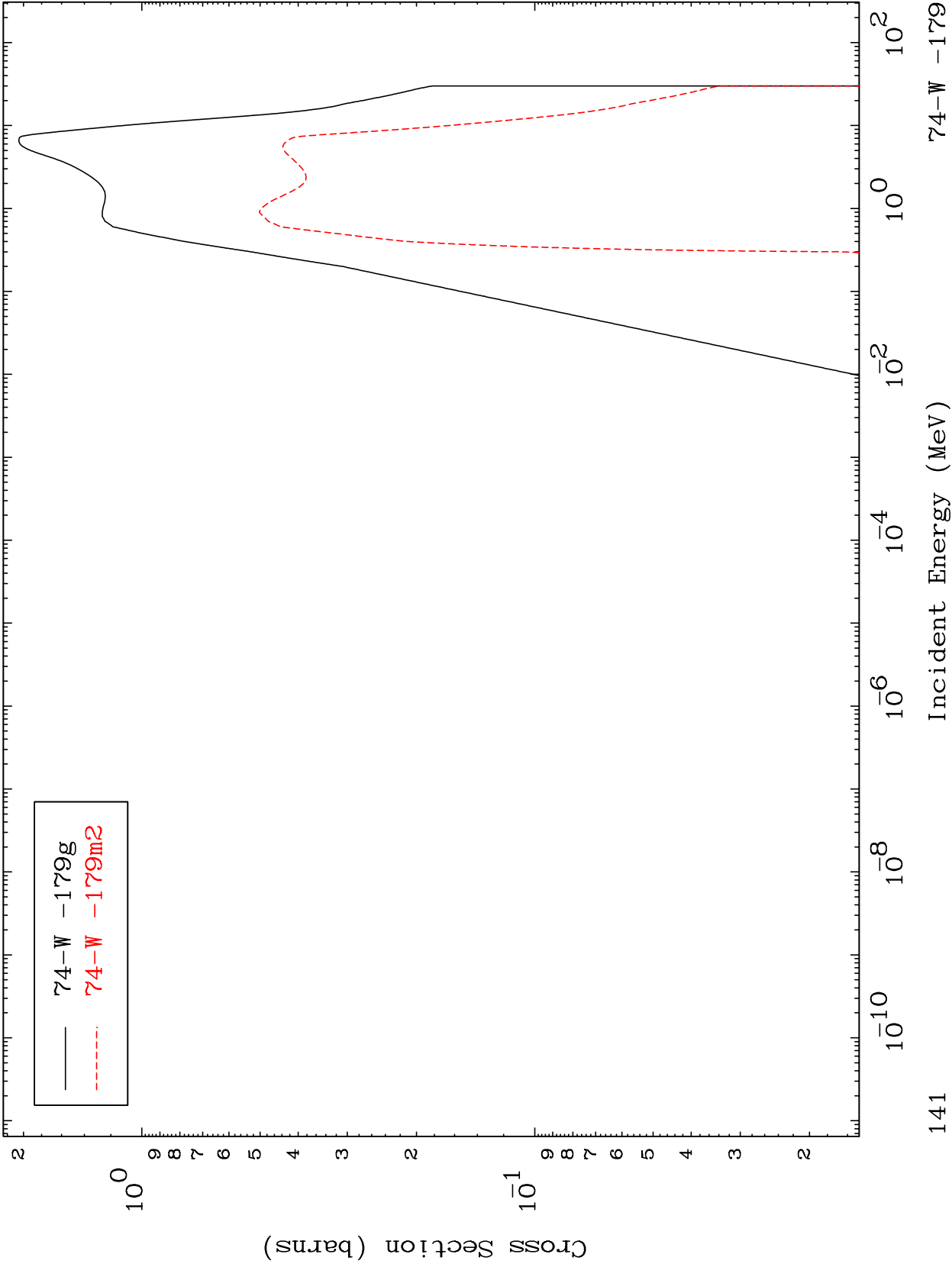
Incident Energy (MeV)

74-W -179

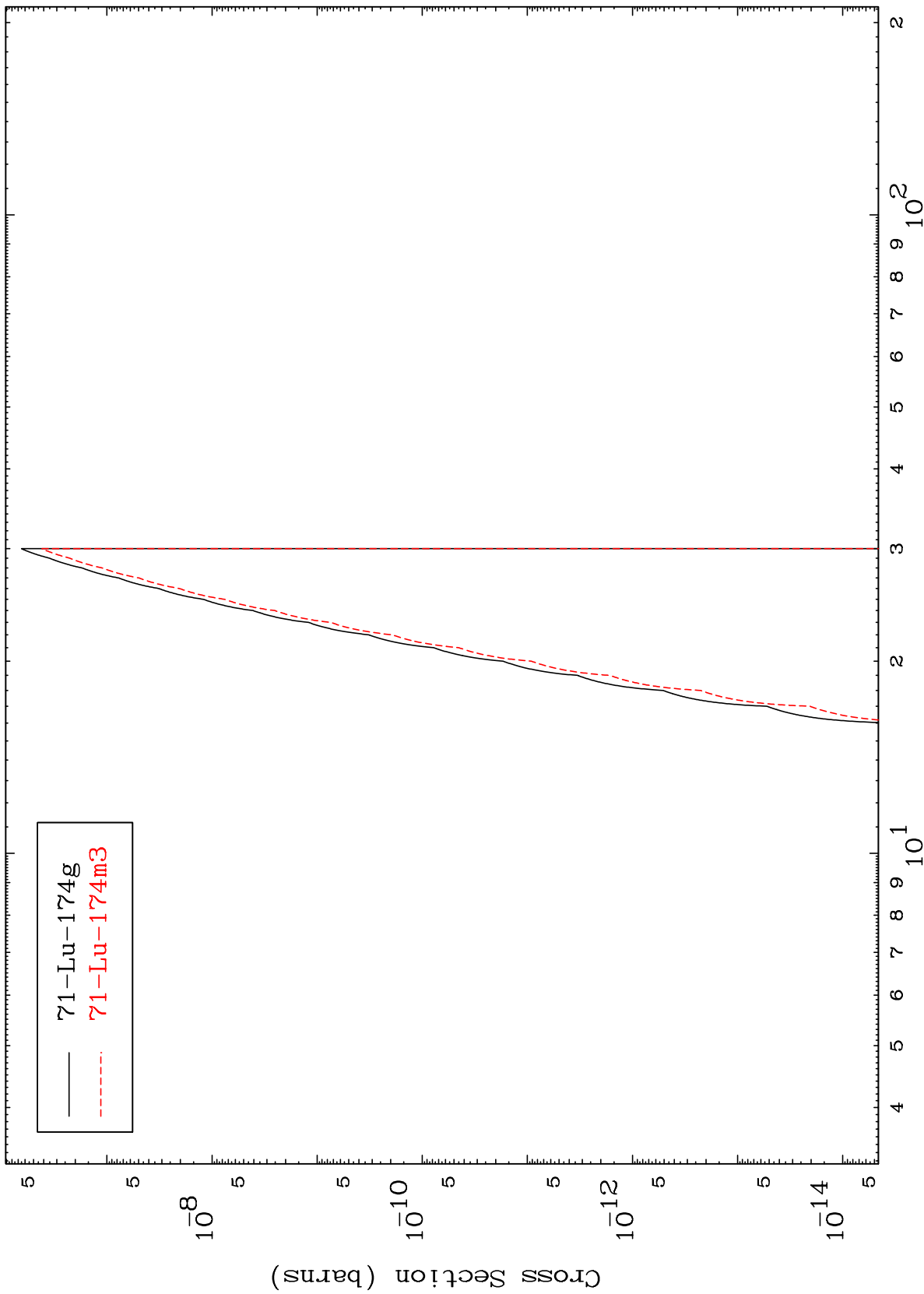
MAT 7422

Inelastic
Radionuclide Production Cross Section

74-W -179



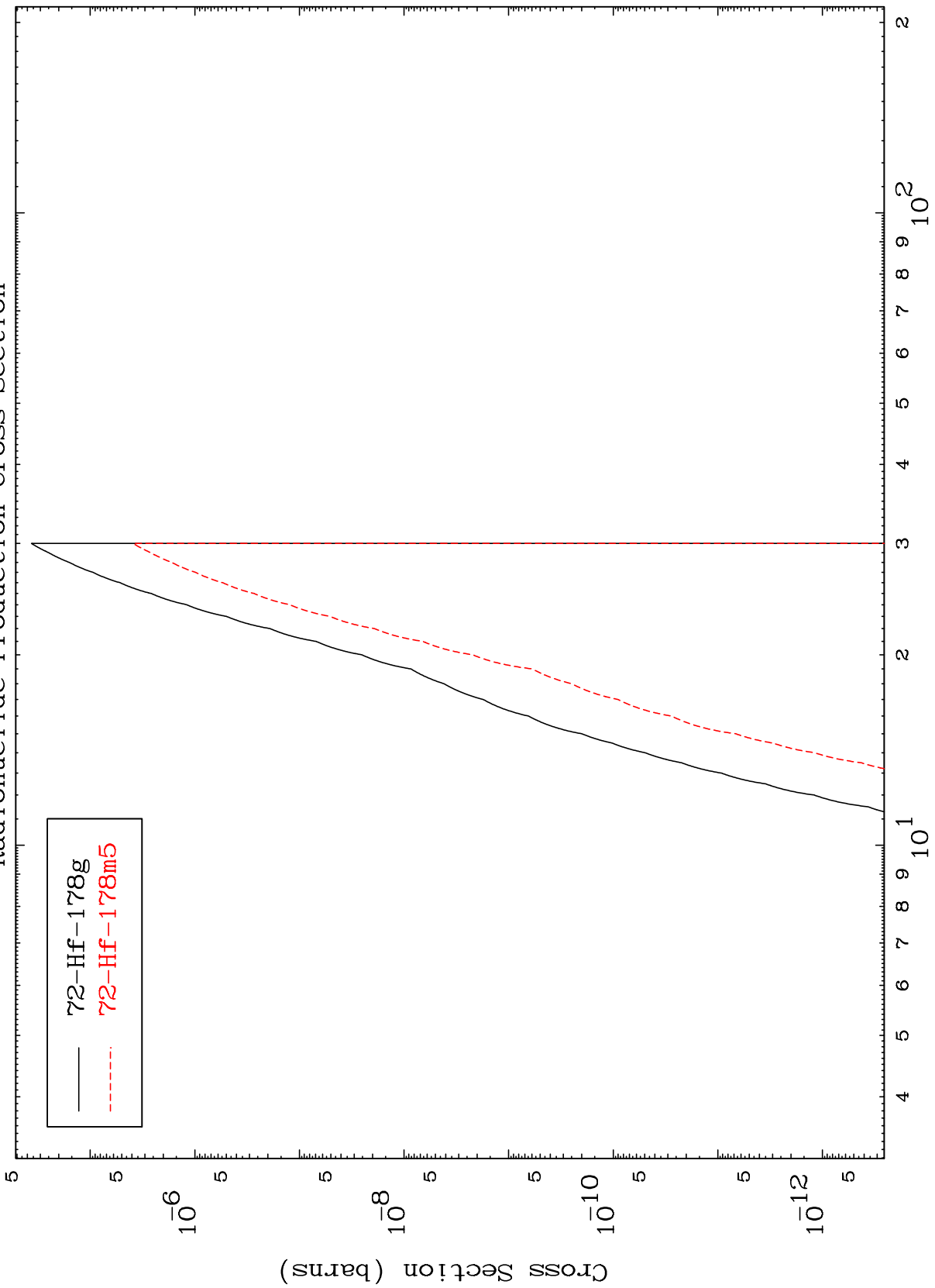
Radionuclide Production Cross Section



MAT 7422

74-W -179

(n,2p)
Radionuclide Production Cross Section



72-Hf-178g
72-Hf-178m5

74-W -179

Incident Energy (MeV)

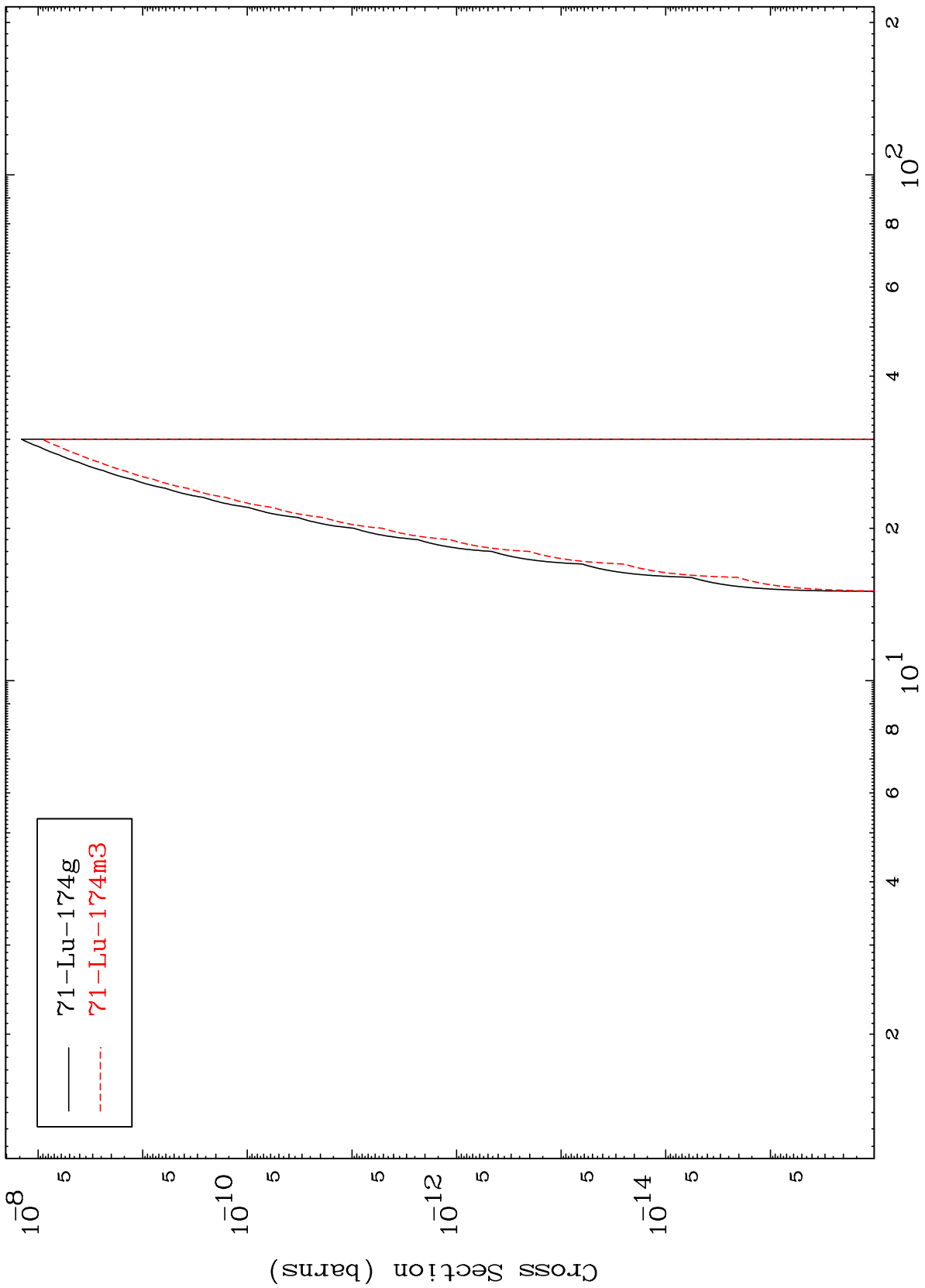
143

MAT 7422

(n,d) α

74-W -179

Radionuclide Production Cross Section



144

Incident Energy (MeV)

74-W -179