

Program EVALPLOT  
(Version 2017-1)

by

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(Present Contact Information)

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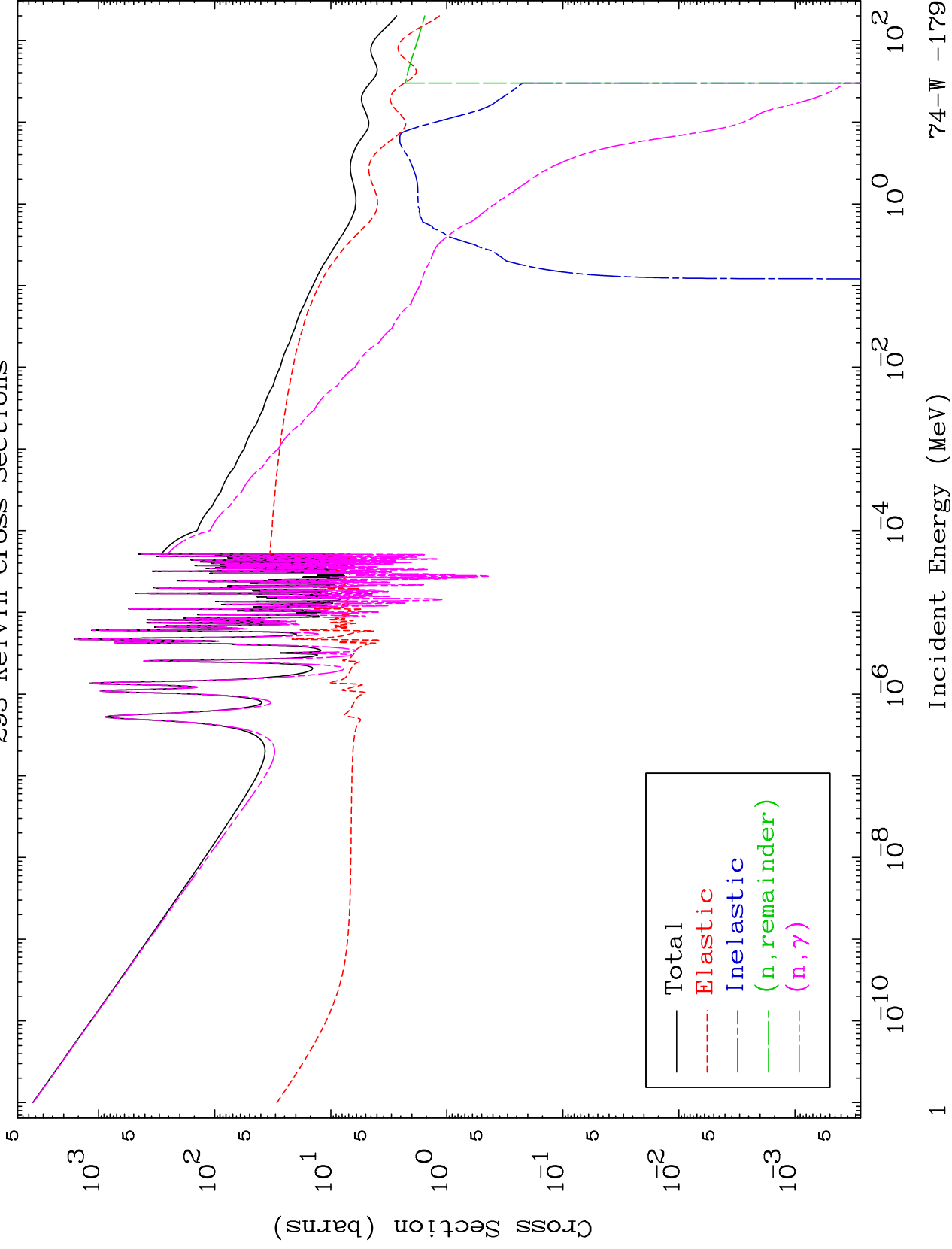
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7422

Major  
293 Kelvin Cross Sections

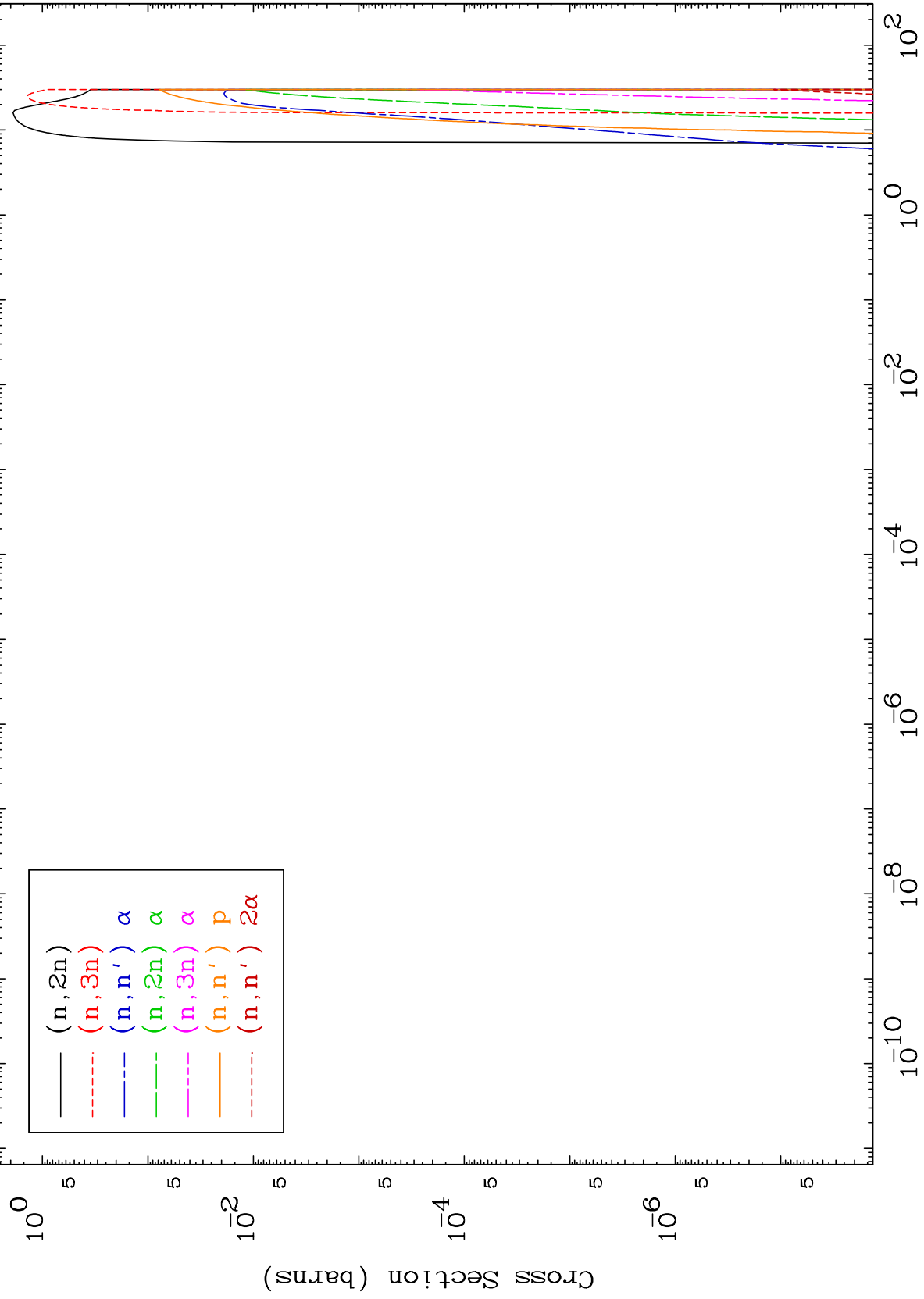
74-W -179

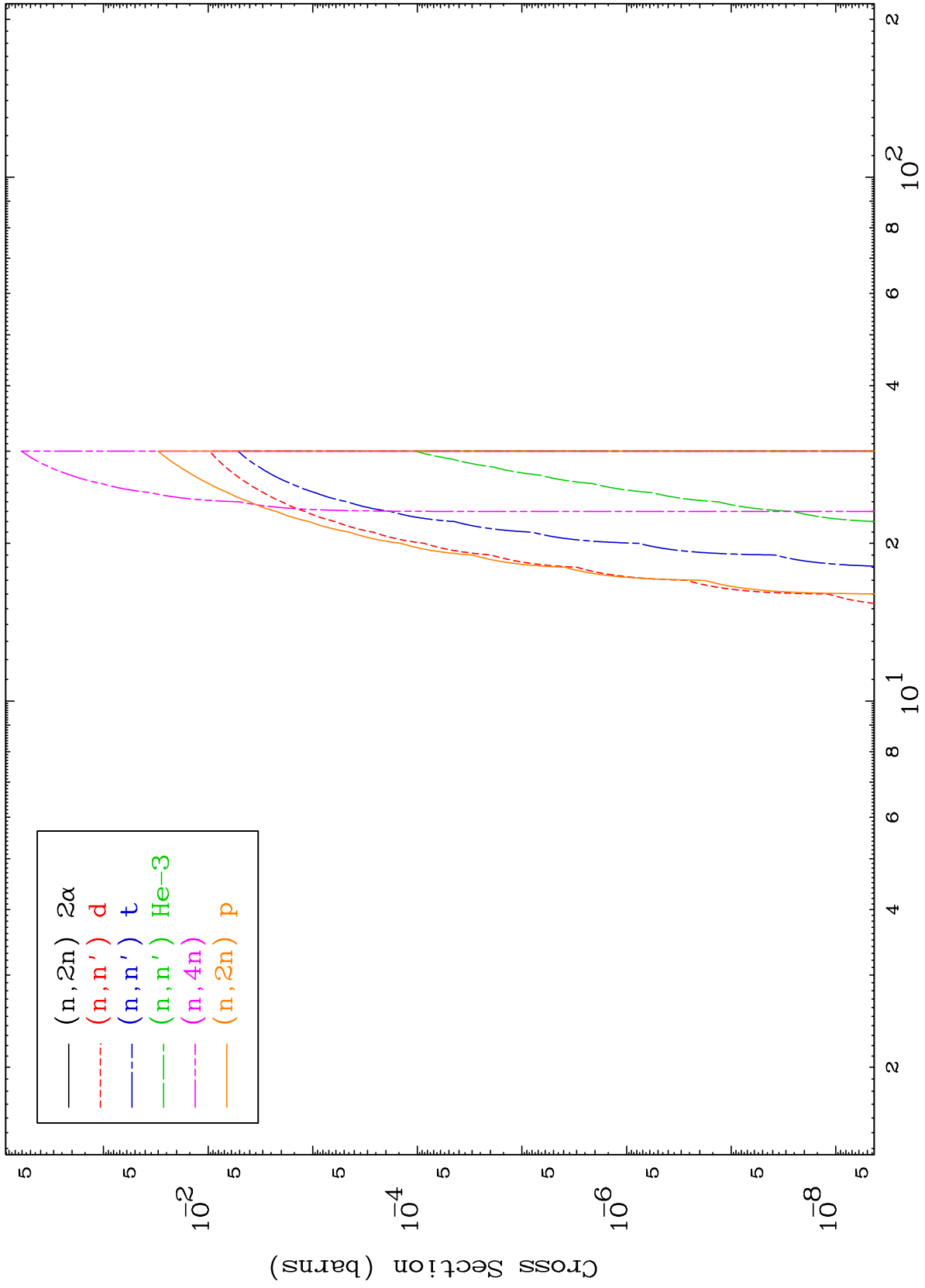


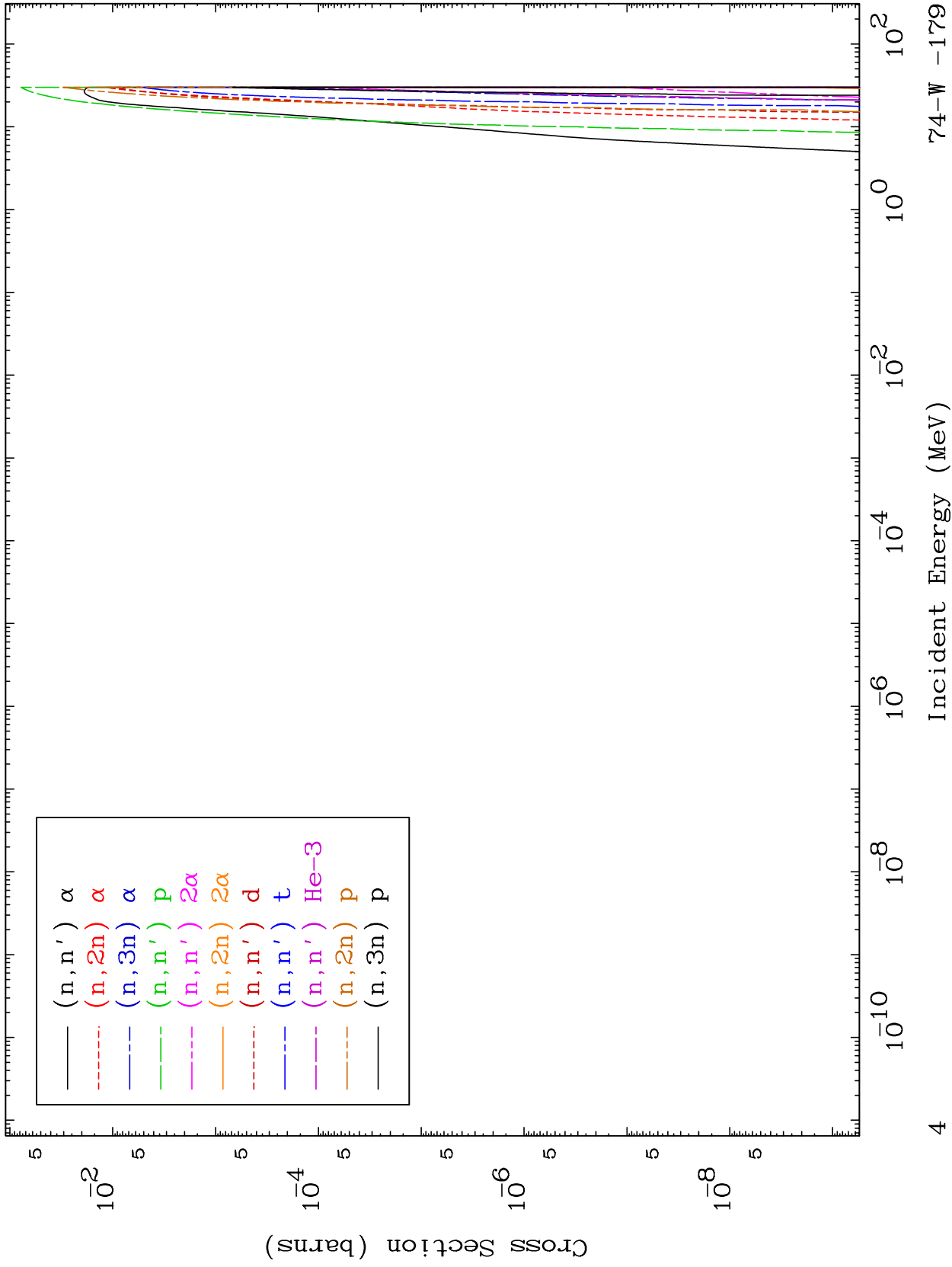
MAT 7422

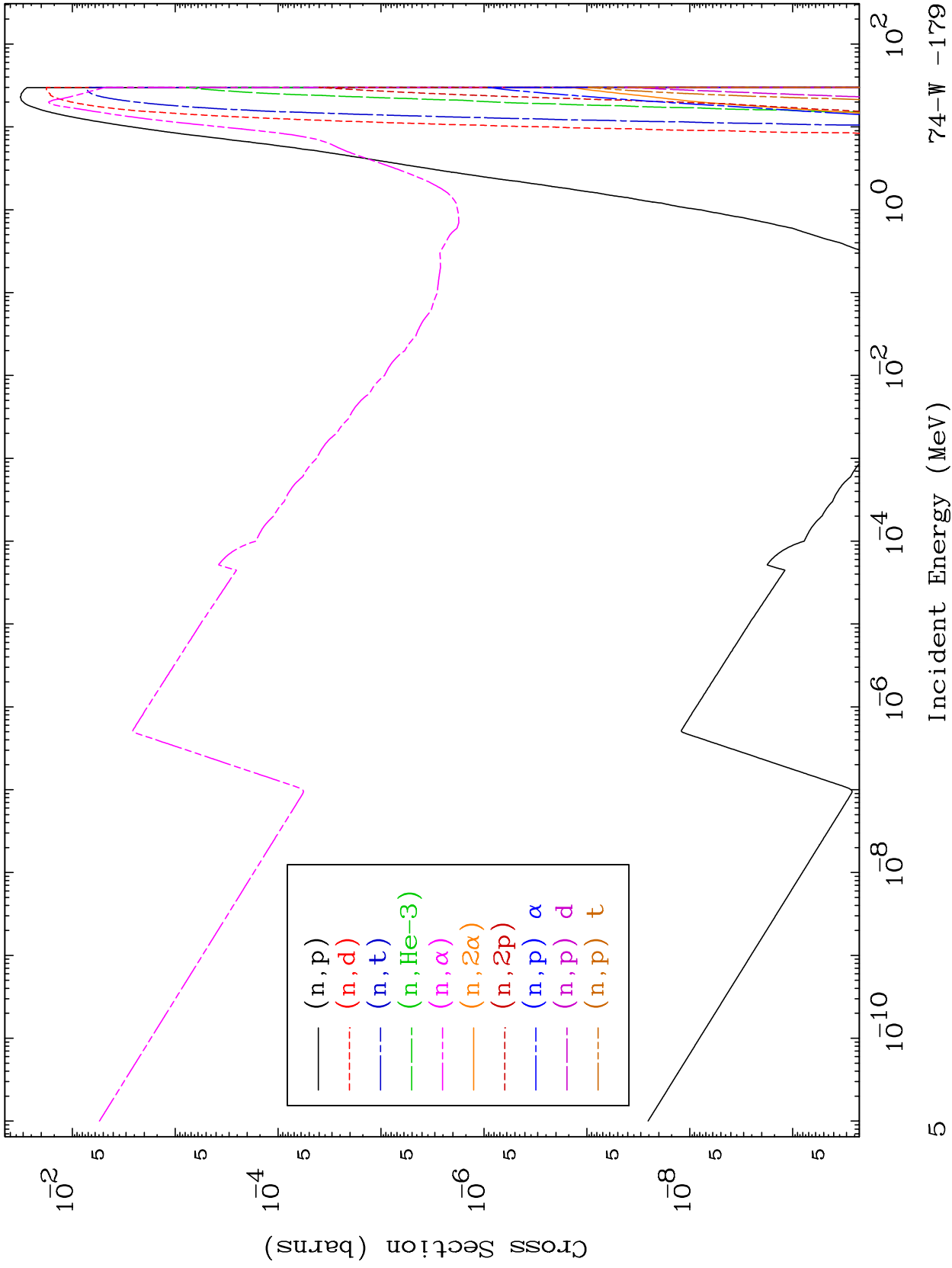
Neutron Production  
293 Kelvin Cross Sections

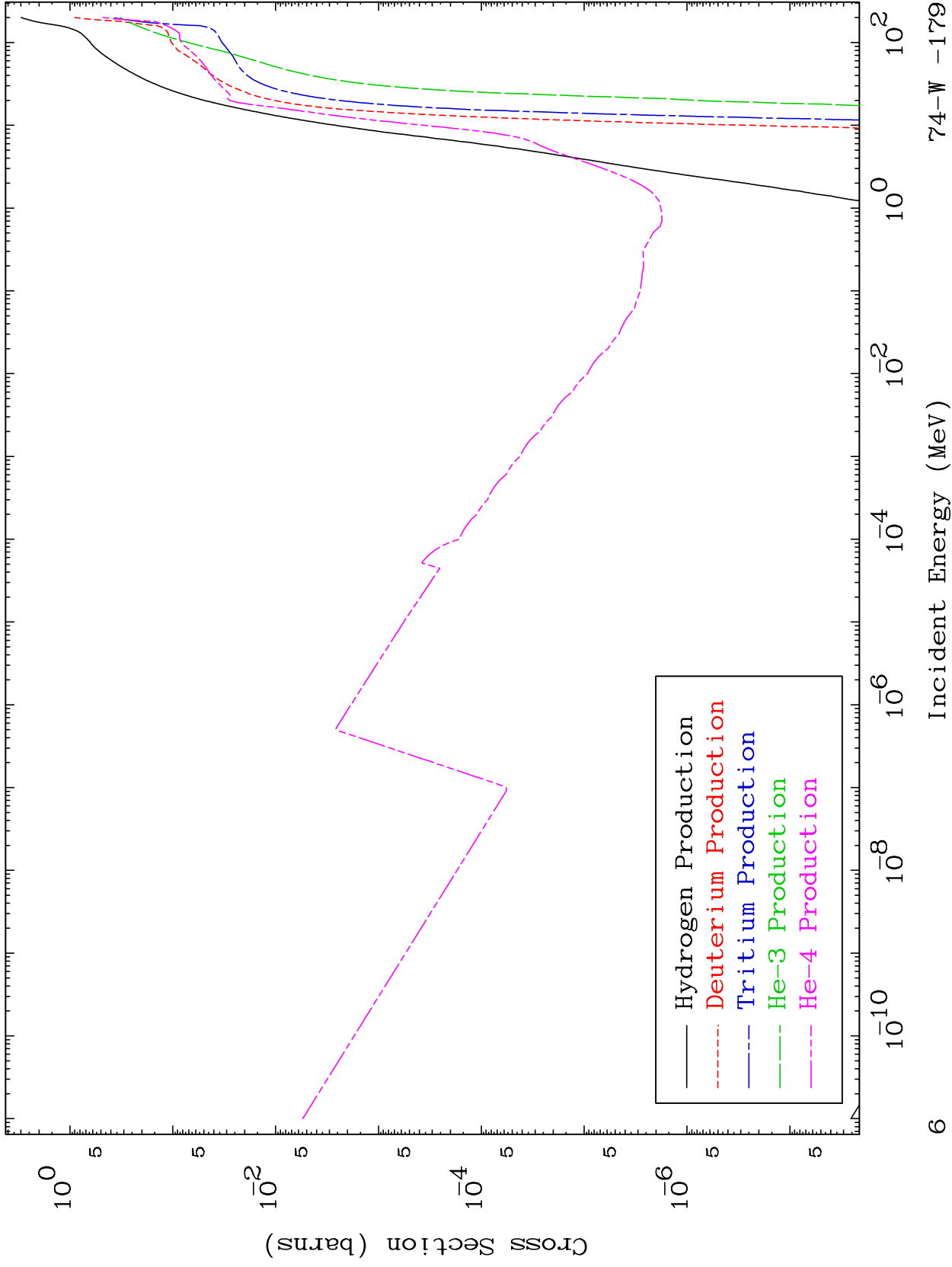
74-W -179

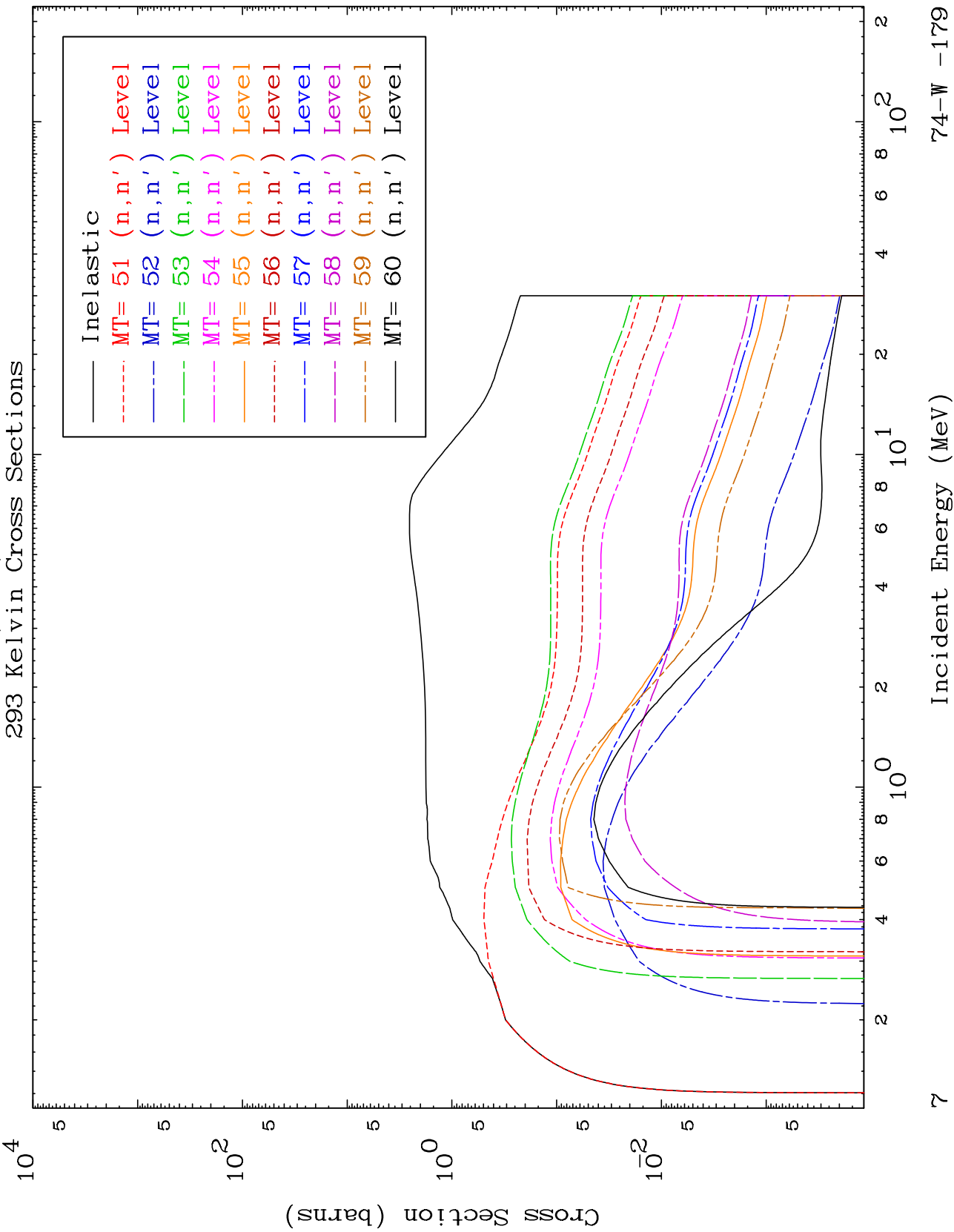






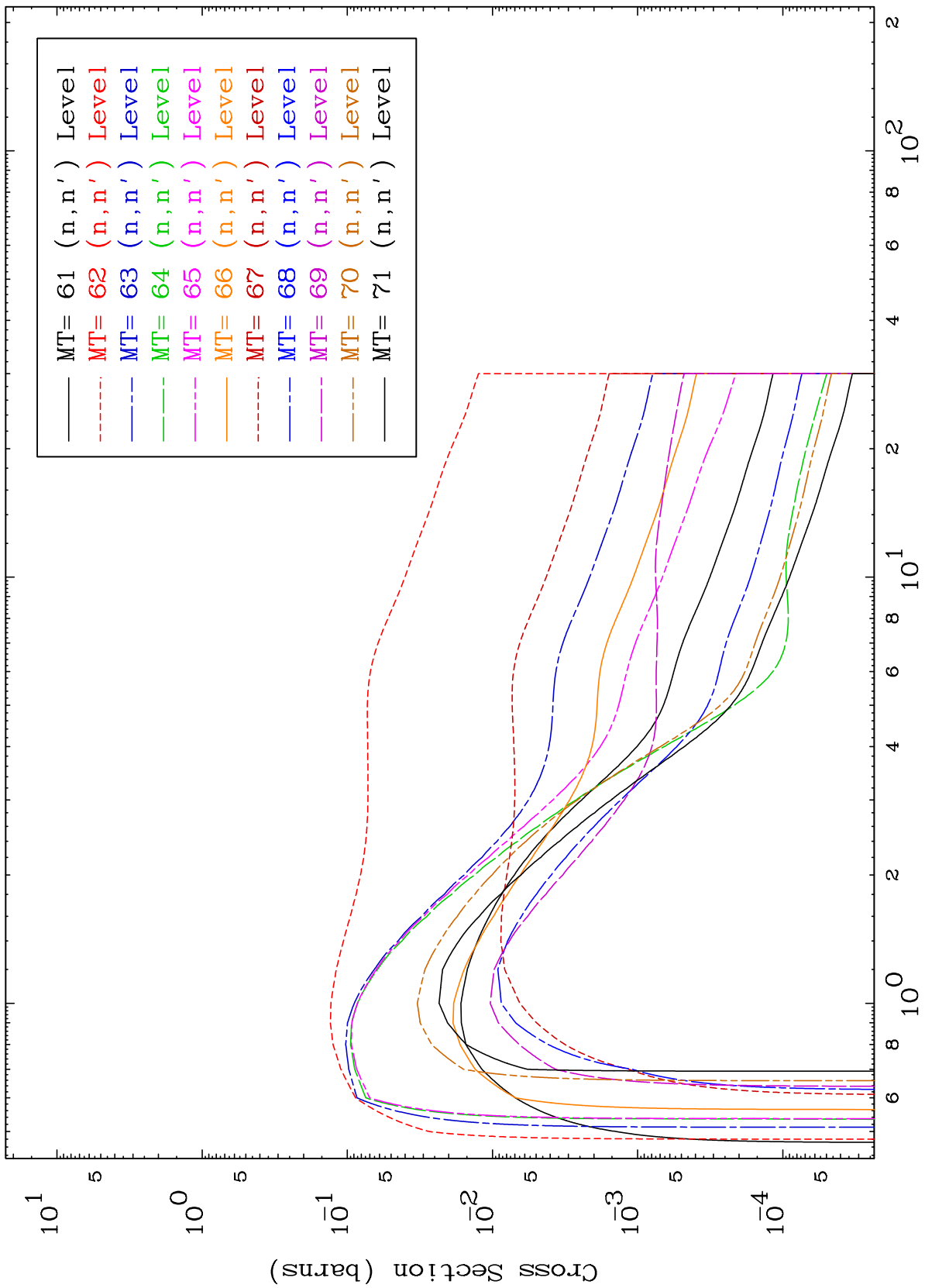




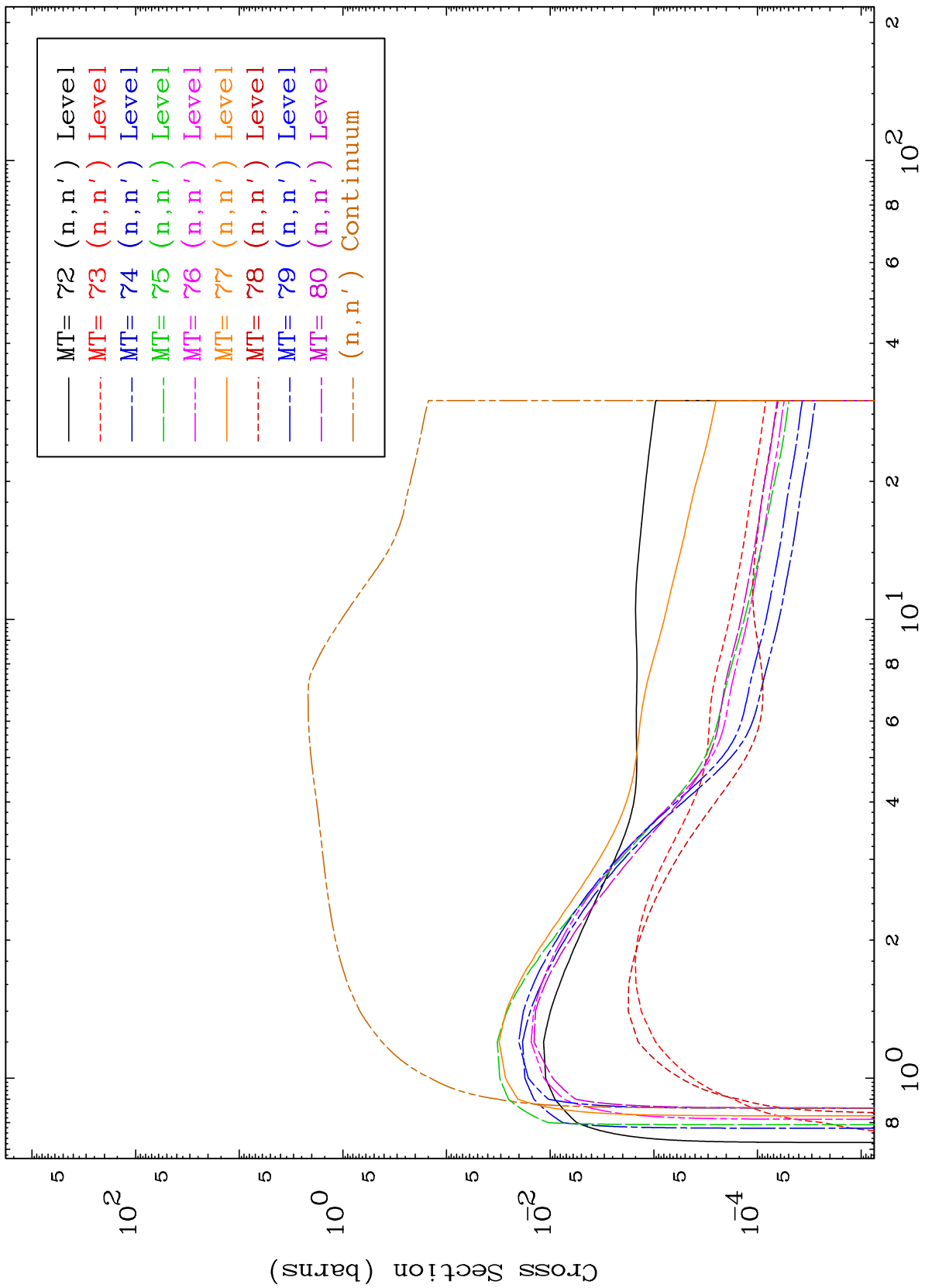




293 Kelvin Cross Sections



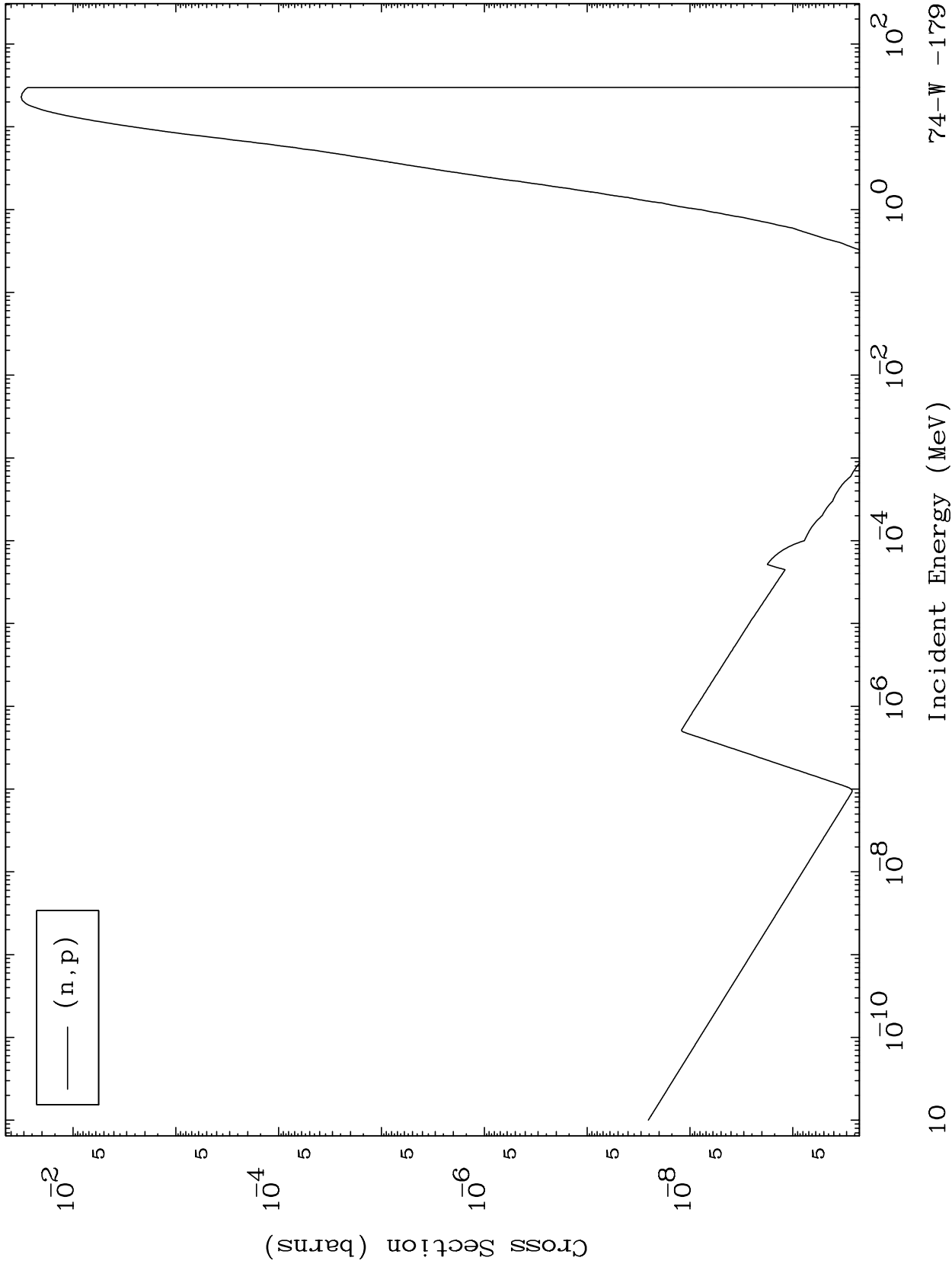
293 Kelvin Cross Sections



MAT 7422

(n,p) Levels  
293 Kelvin Cross Sections

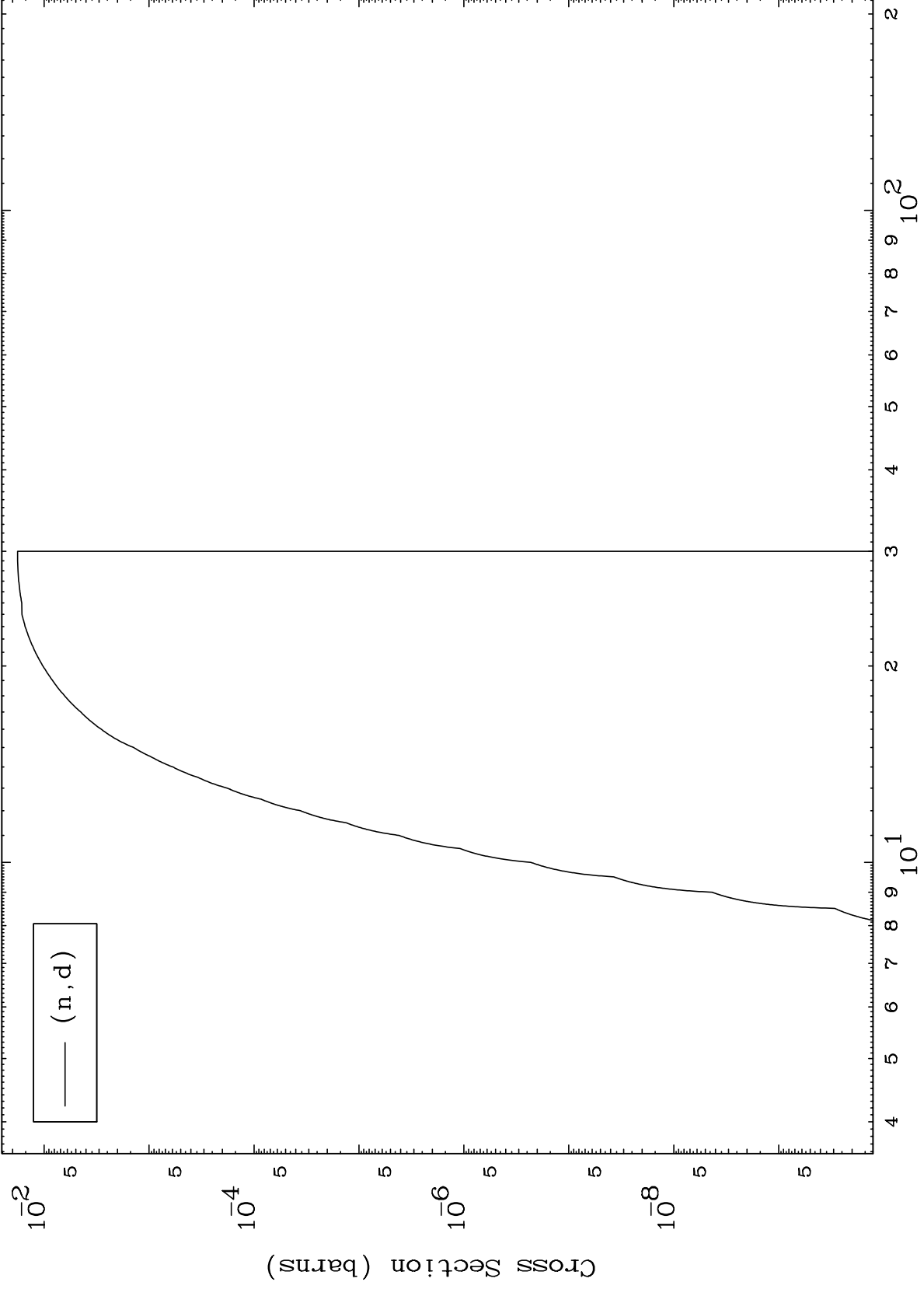
74-W -179



74-W -179

Incident Energy (MeV)

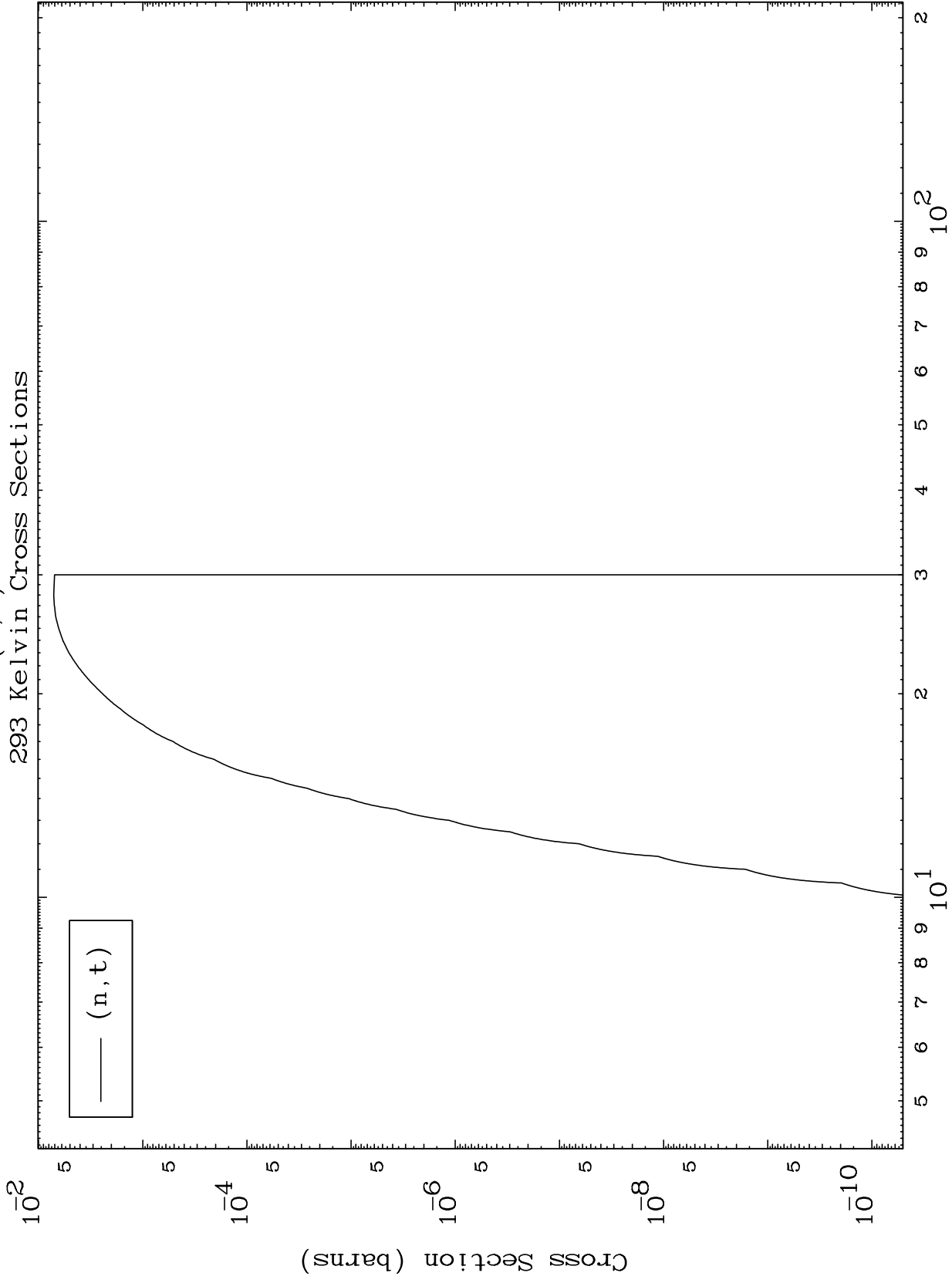
10



MAT 7422

(n,t) Levels  
293 Kelvin Cross Sections

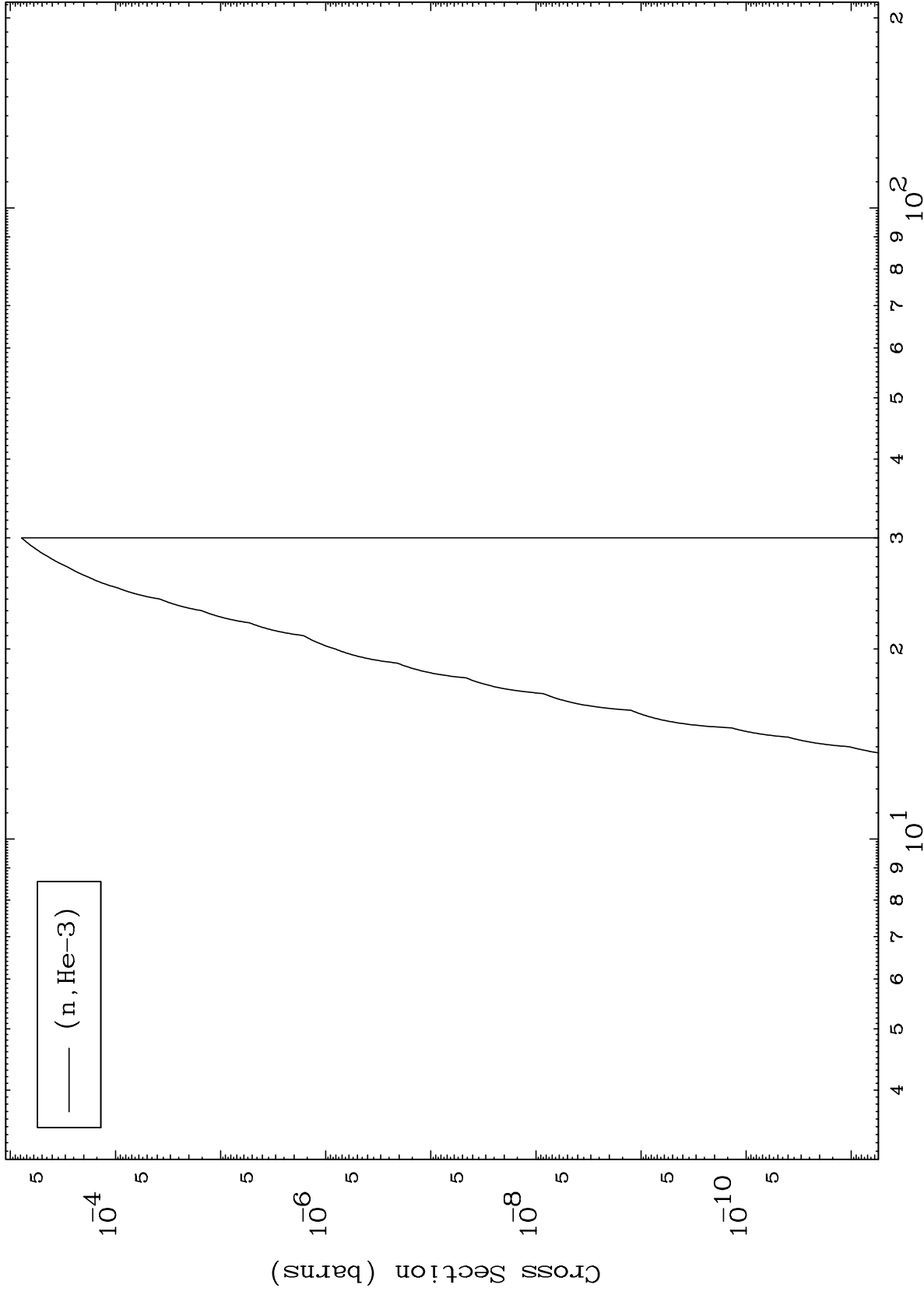
74-W -179



12

Incident Energy (MeV)

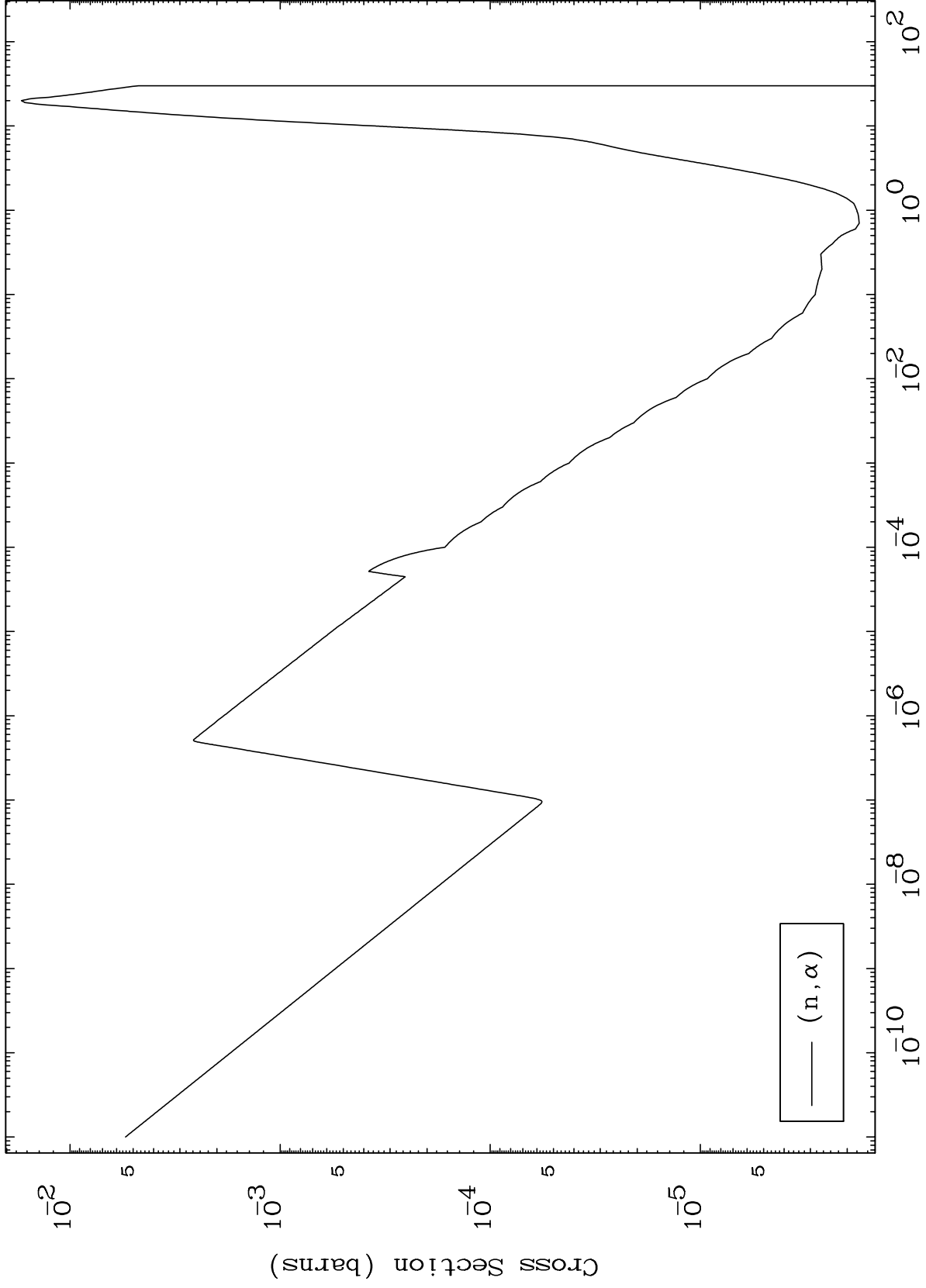
74-W -179



MAT 7422

(n,α) Levels  
293 Kelvin Cross Sections

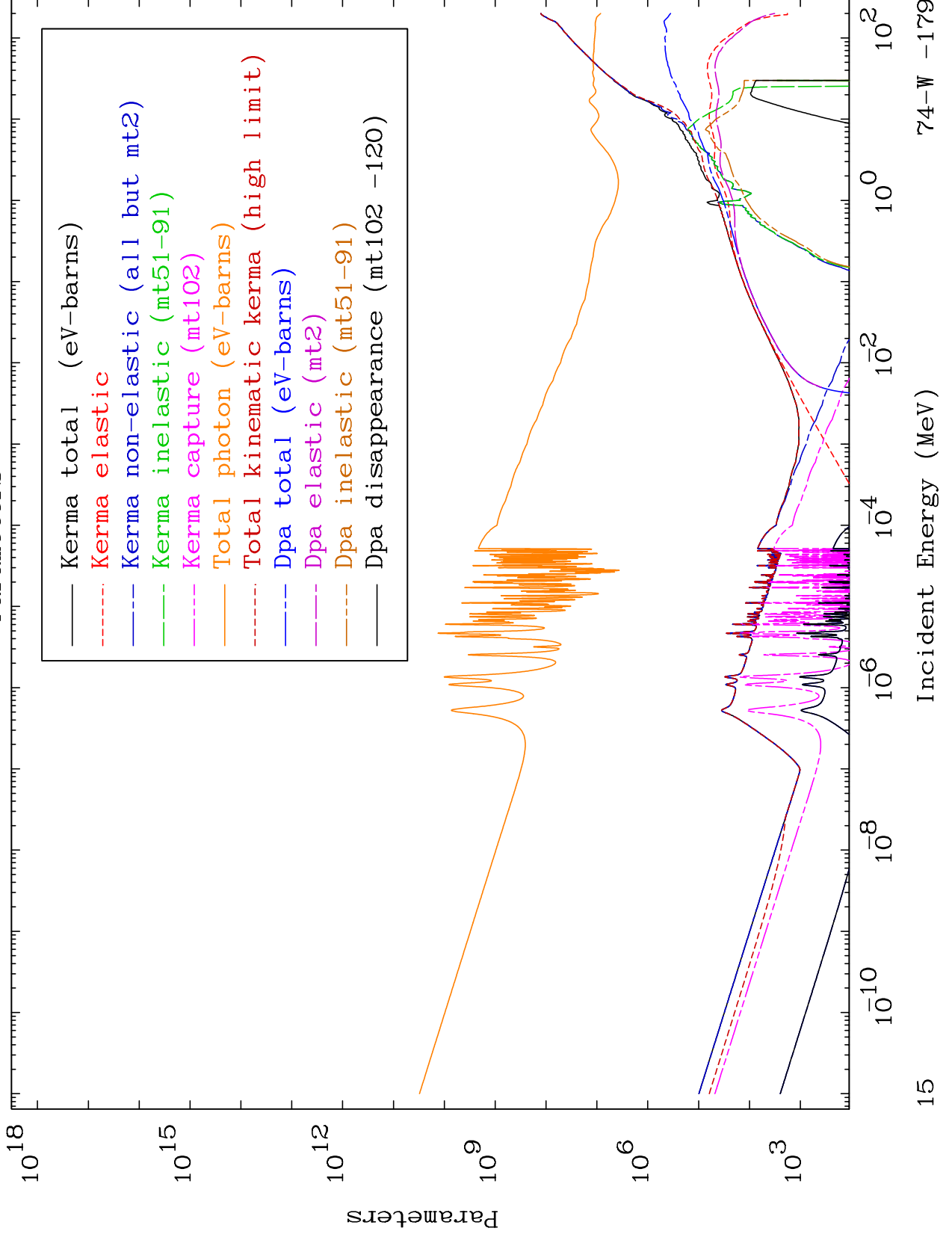
74-W -179



14

Incident Energy (MeV)

74-W -179

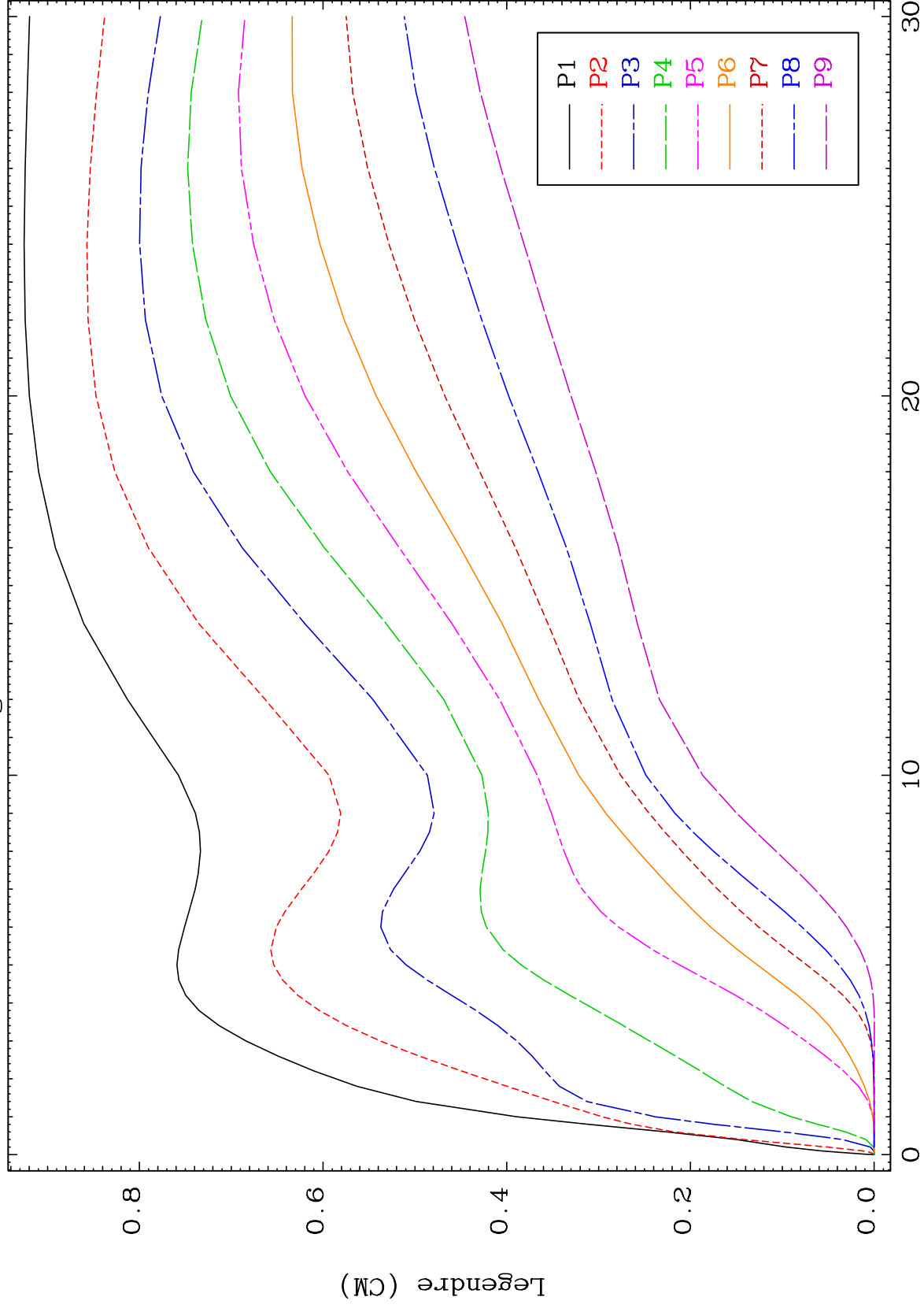




MAT 7422

Elastic Legendre Coefficients

74-W -179



16

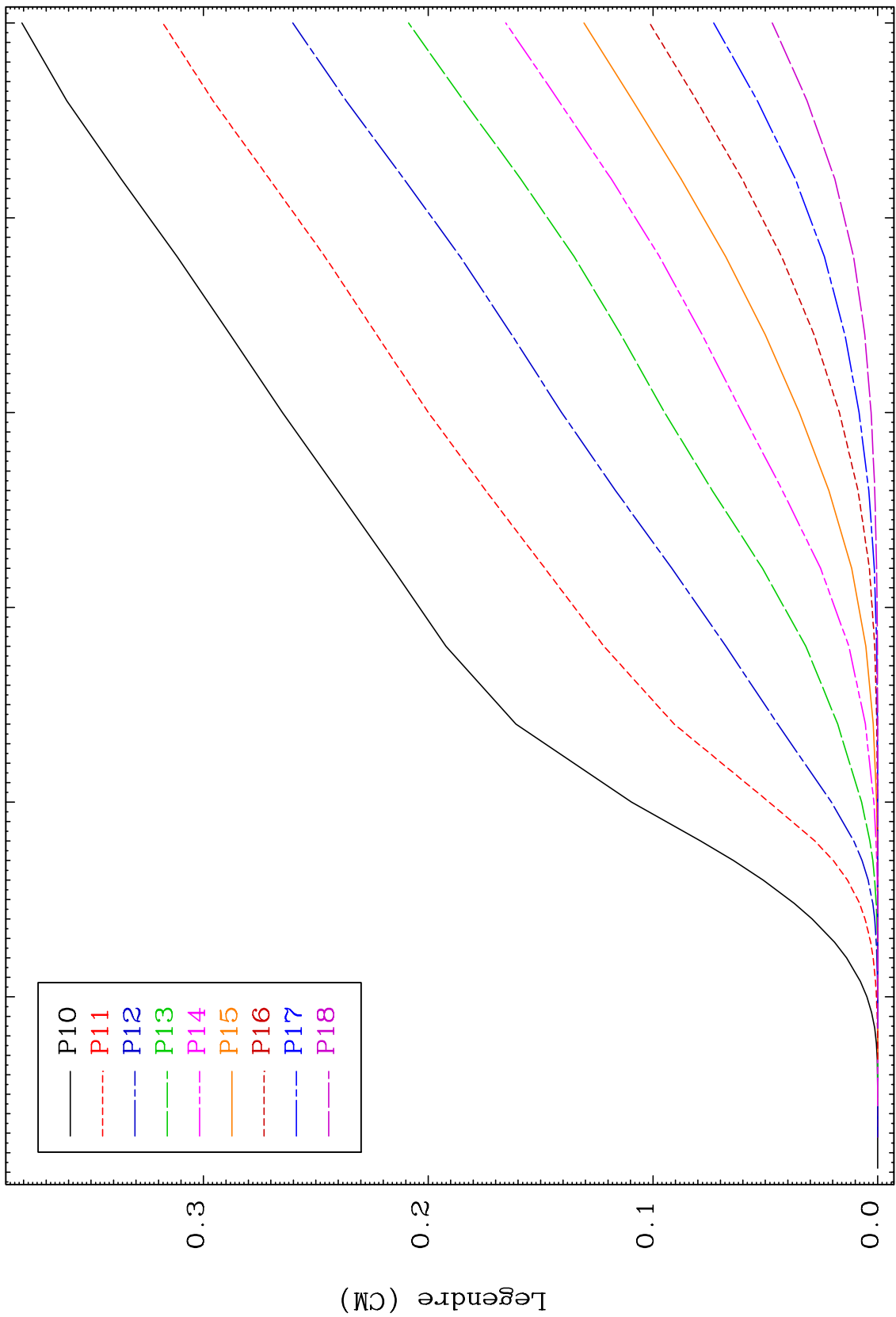
Incident Energy (MeV)

74-W -179

MAT 7422

Elastic Legendre Coefficients

74-W -179



17

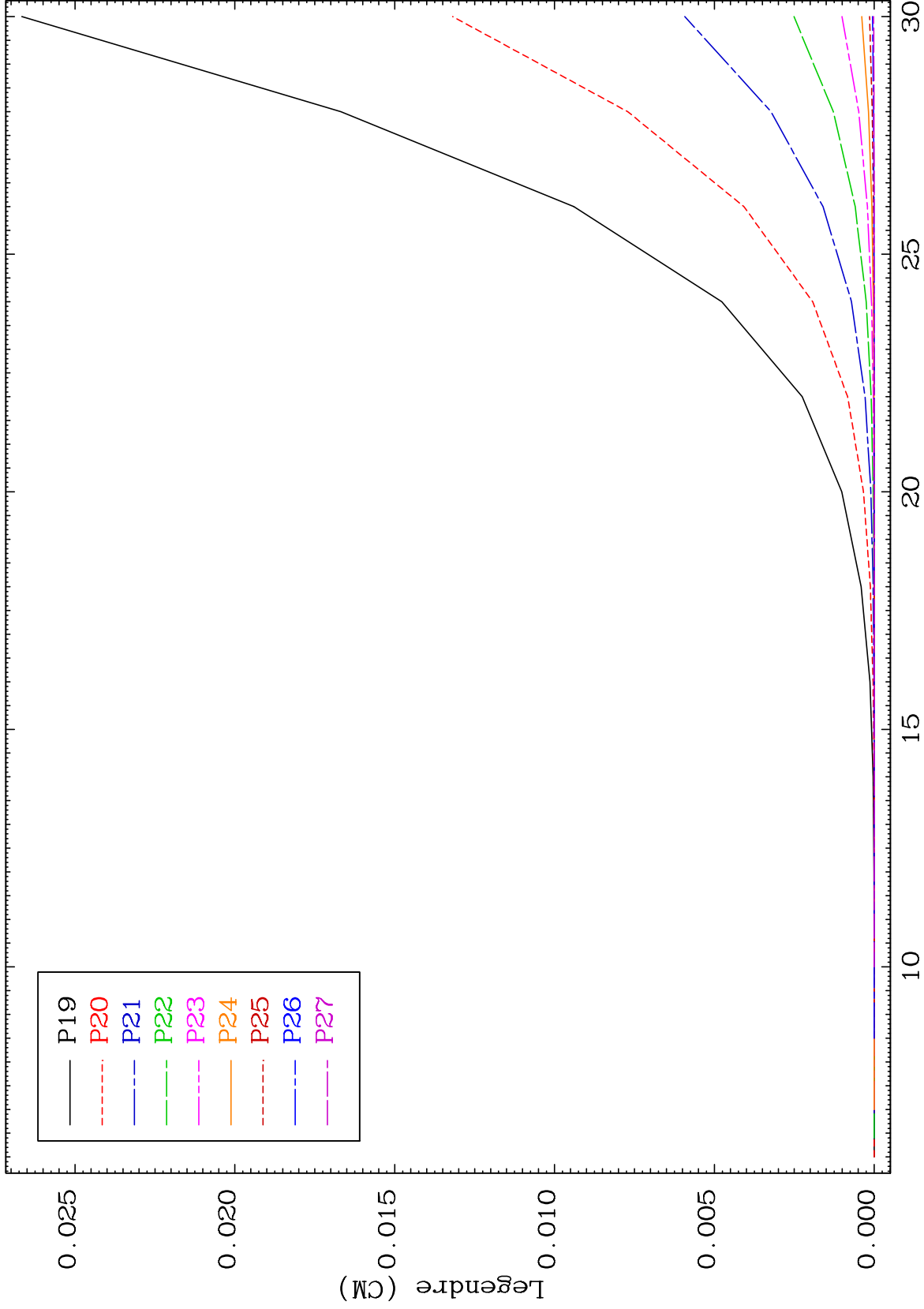
Incident Energy (MeV)

74-W -179

MAT 7422

Elastic Legendre Coefficients

74-W -179



18

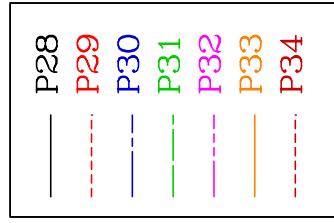
Incident Energy (MeV)

74-W -179

MAT 7422

Elastic Legendre Coefficients

74-W -179



$\times 10^{-6}$

Legendre (CM)

4

2

0

15

20

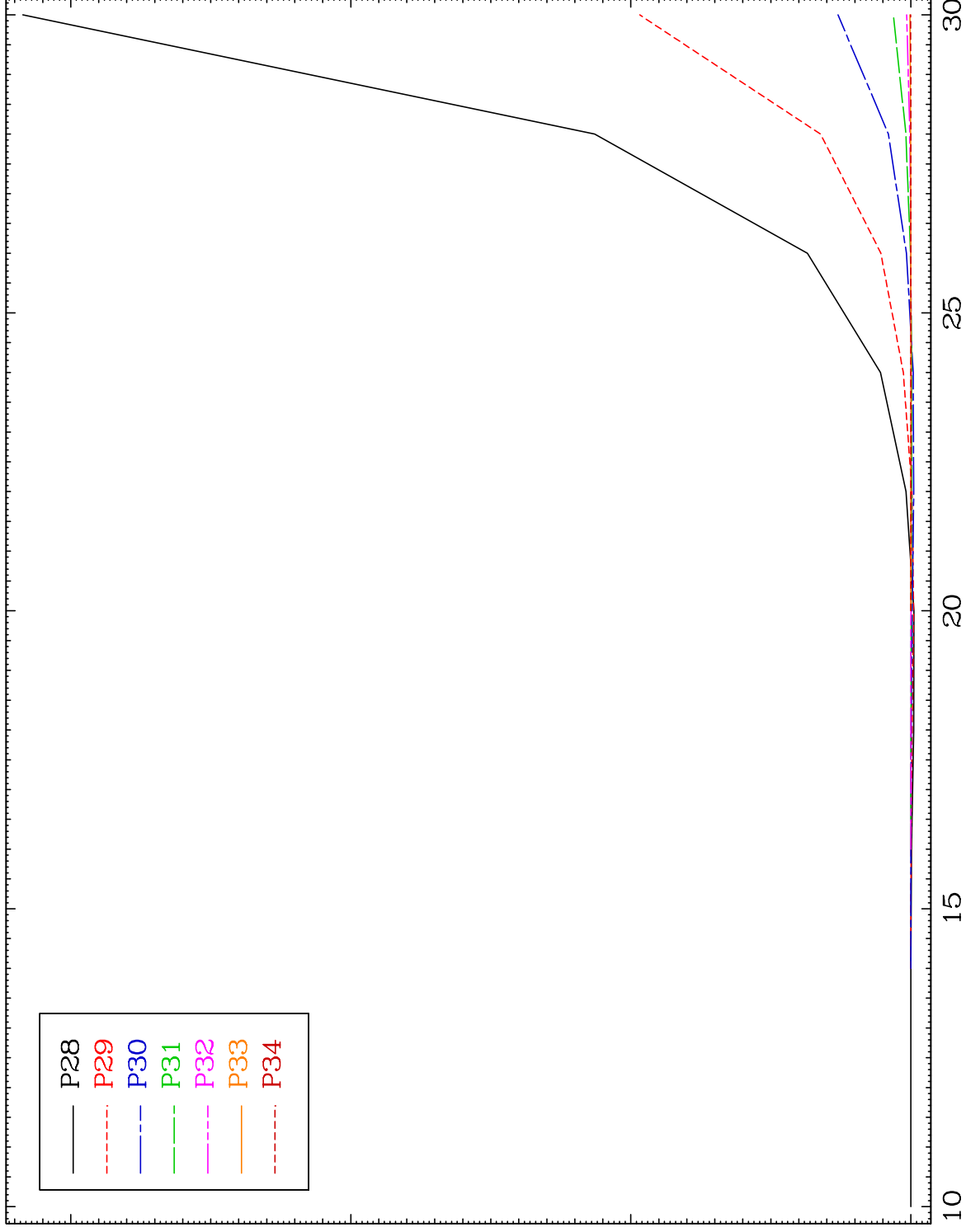
25

30

10

Incident Energy (MeV)

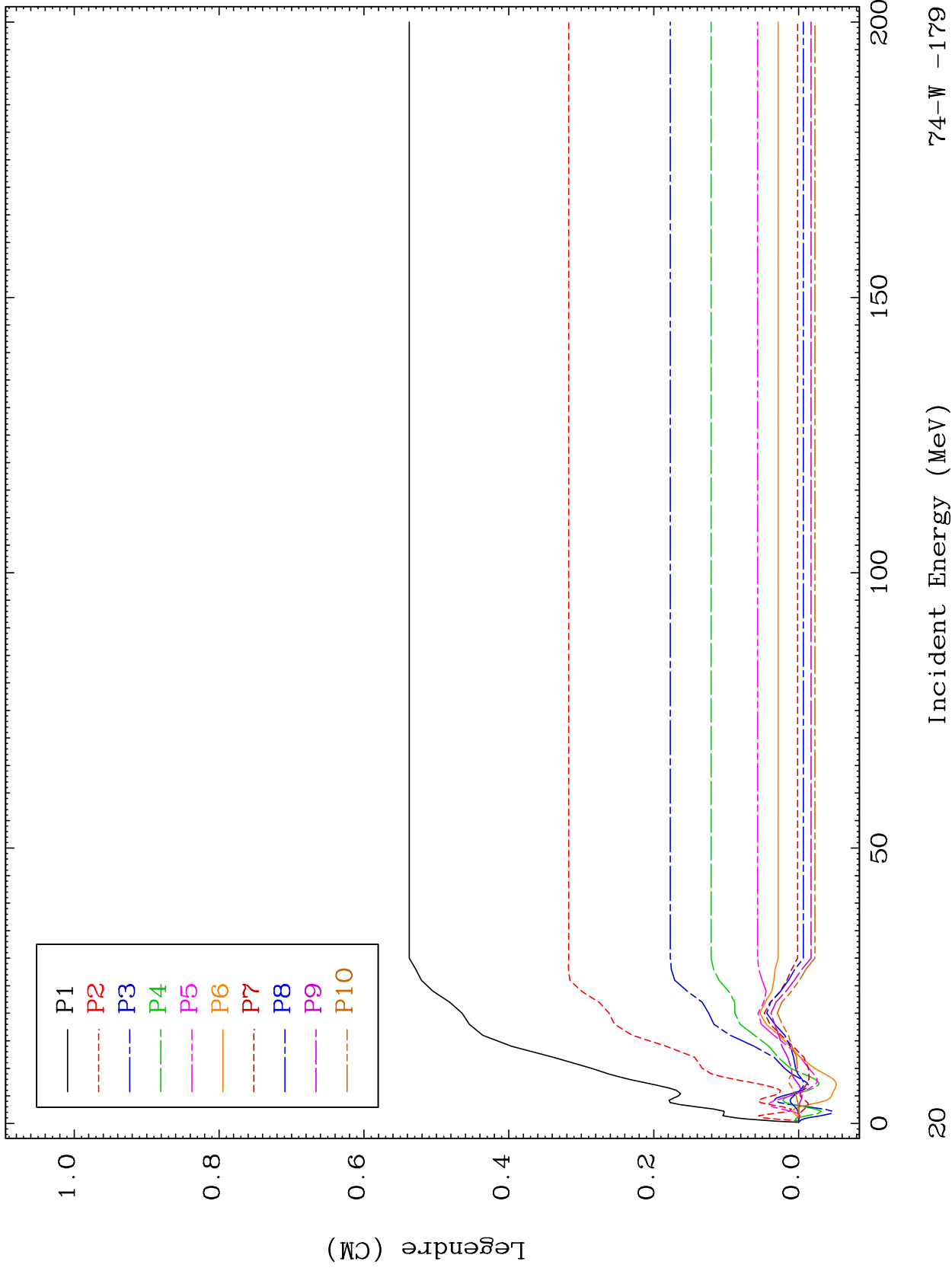
74-W -179

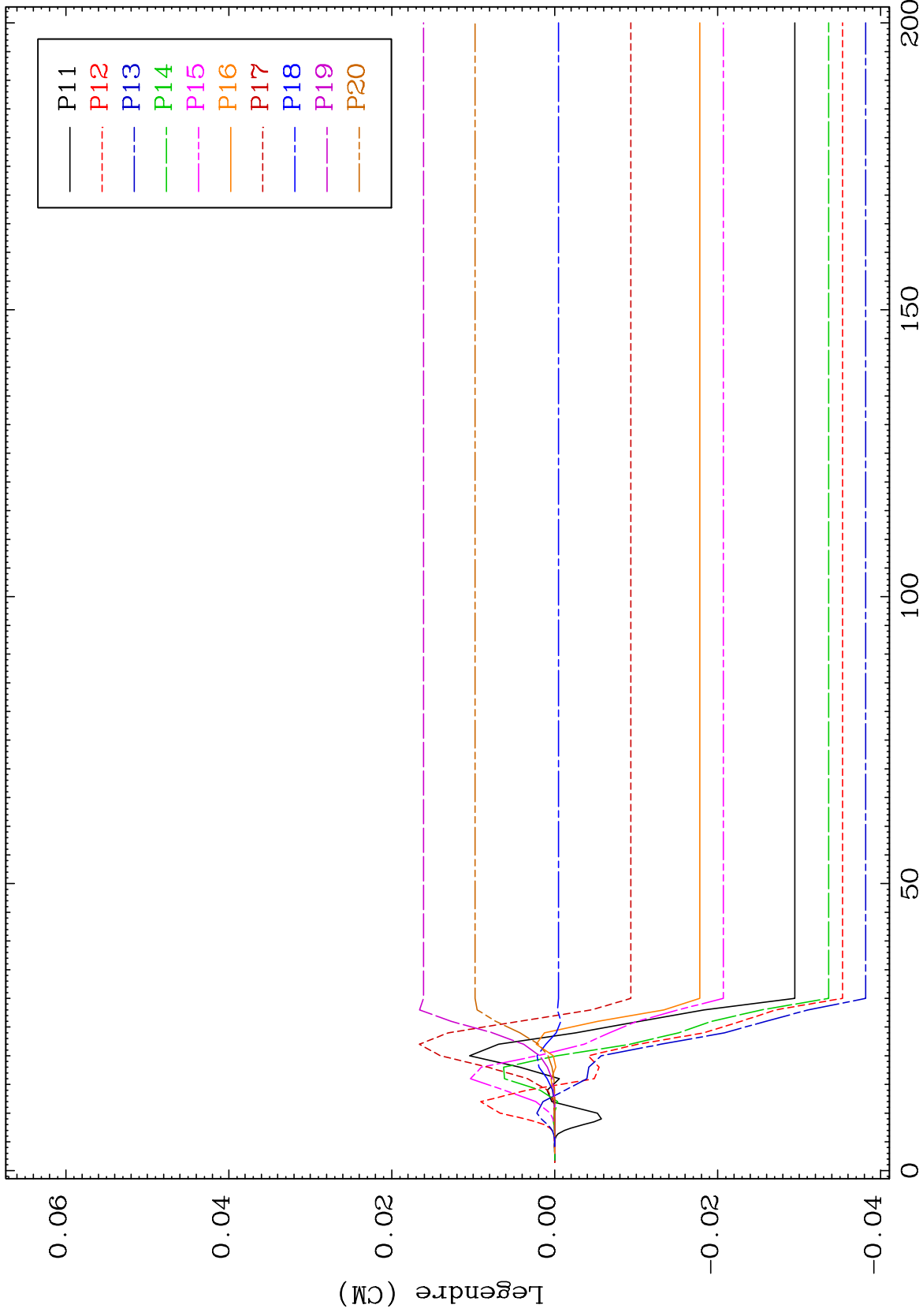


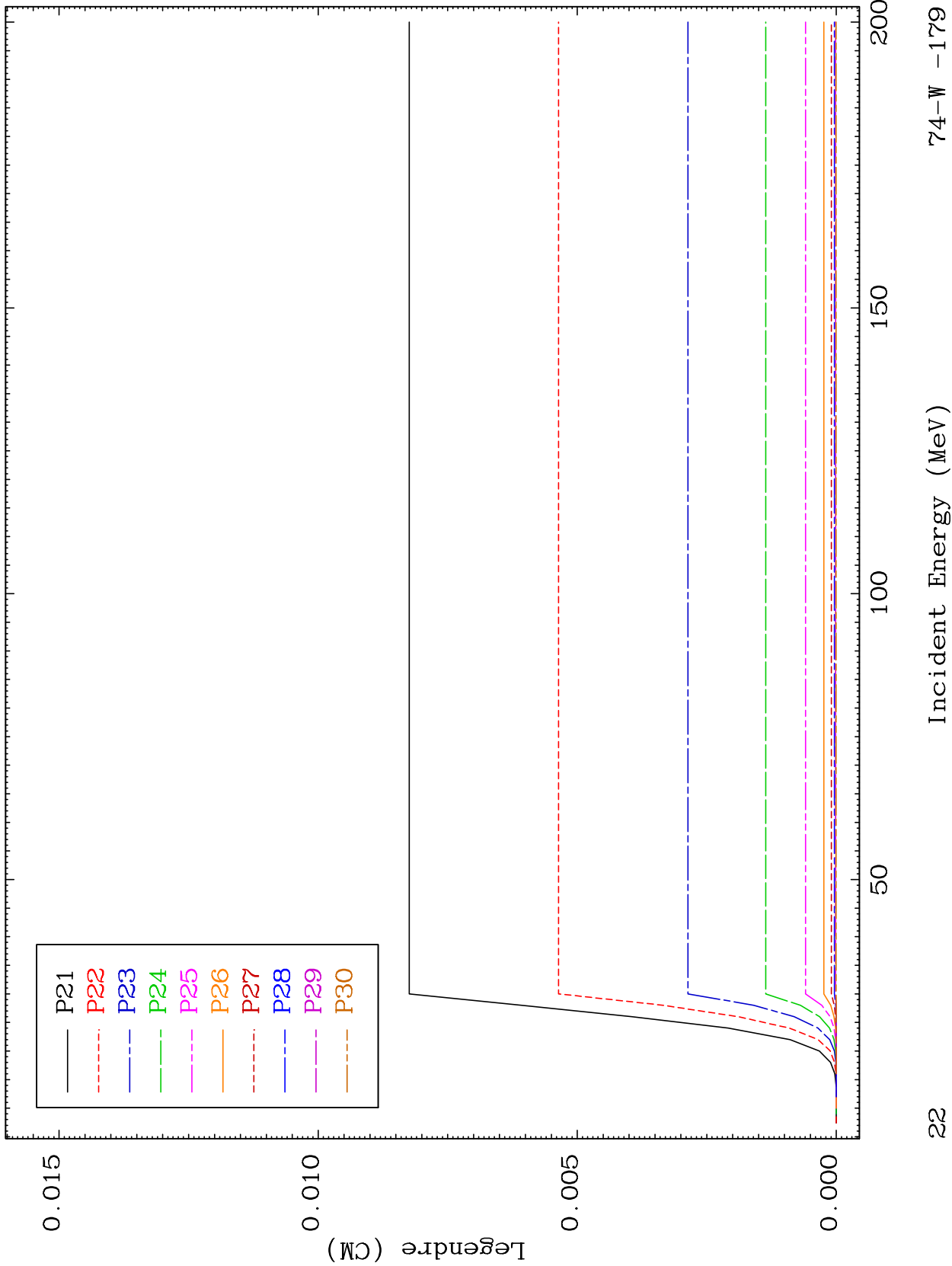
MAT 7422

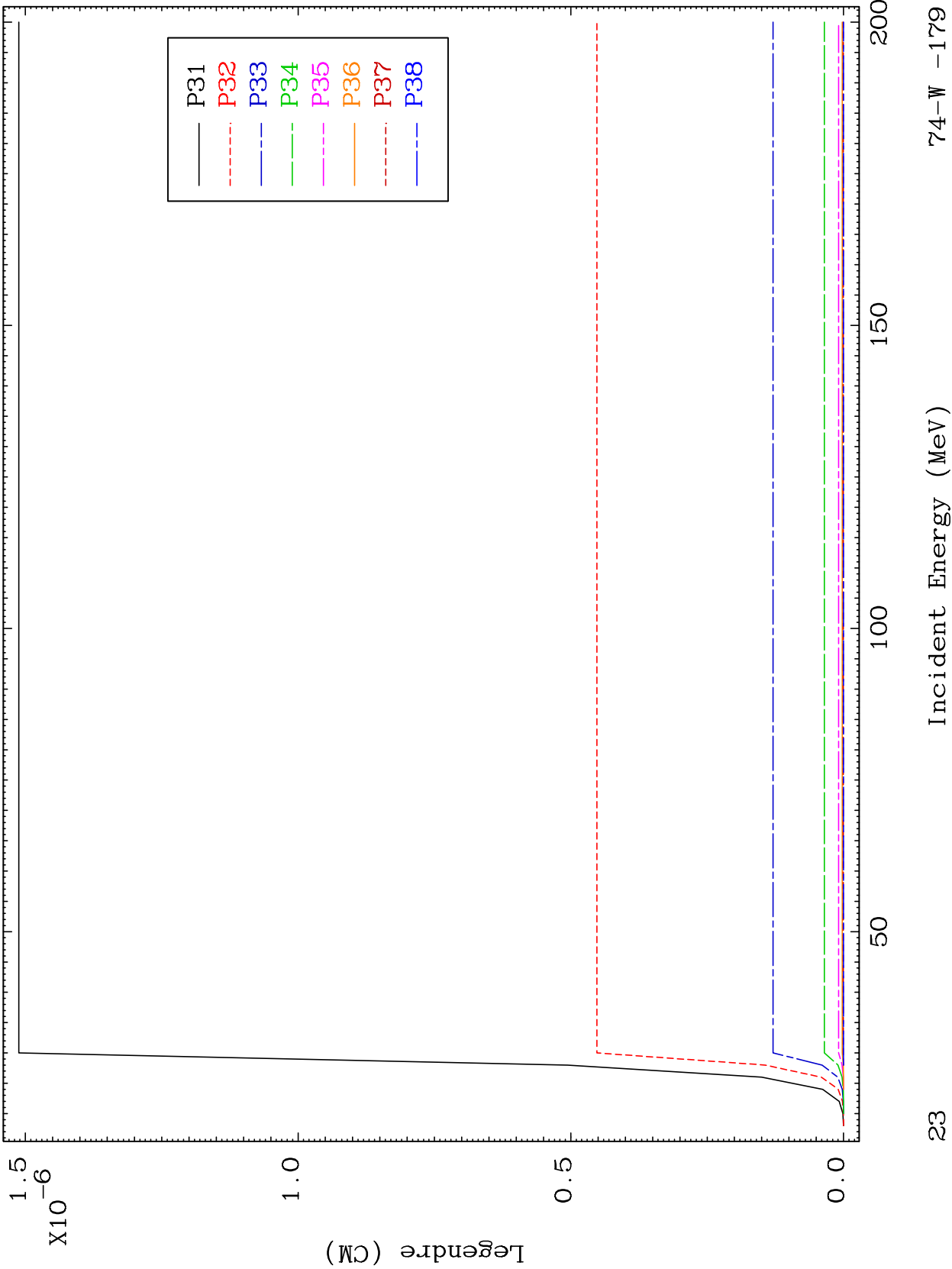
MT= 51 (n,n') Level  
Legendre Coefficients

74-W -179







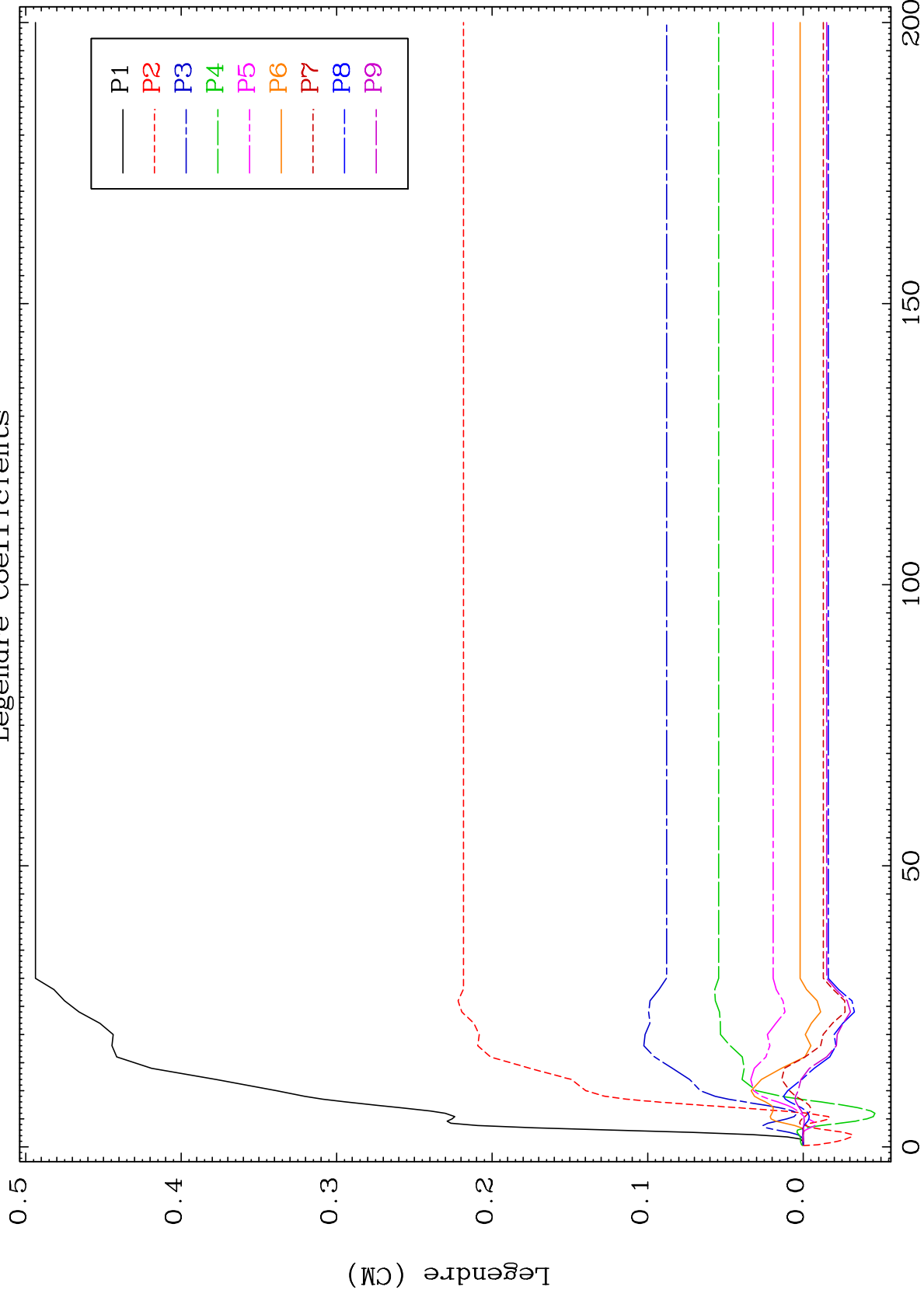




MAT 7422

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

74-W -179



74-W -179

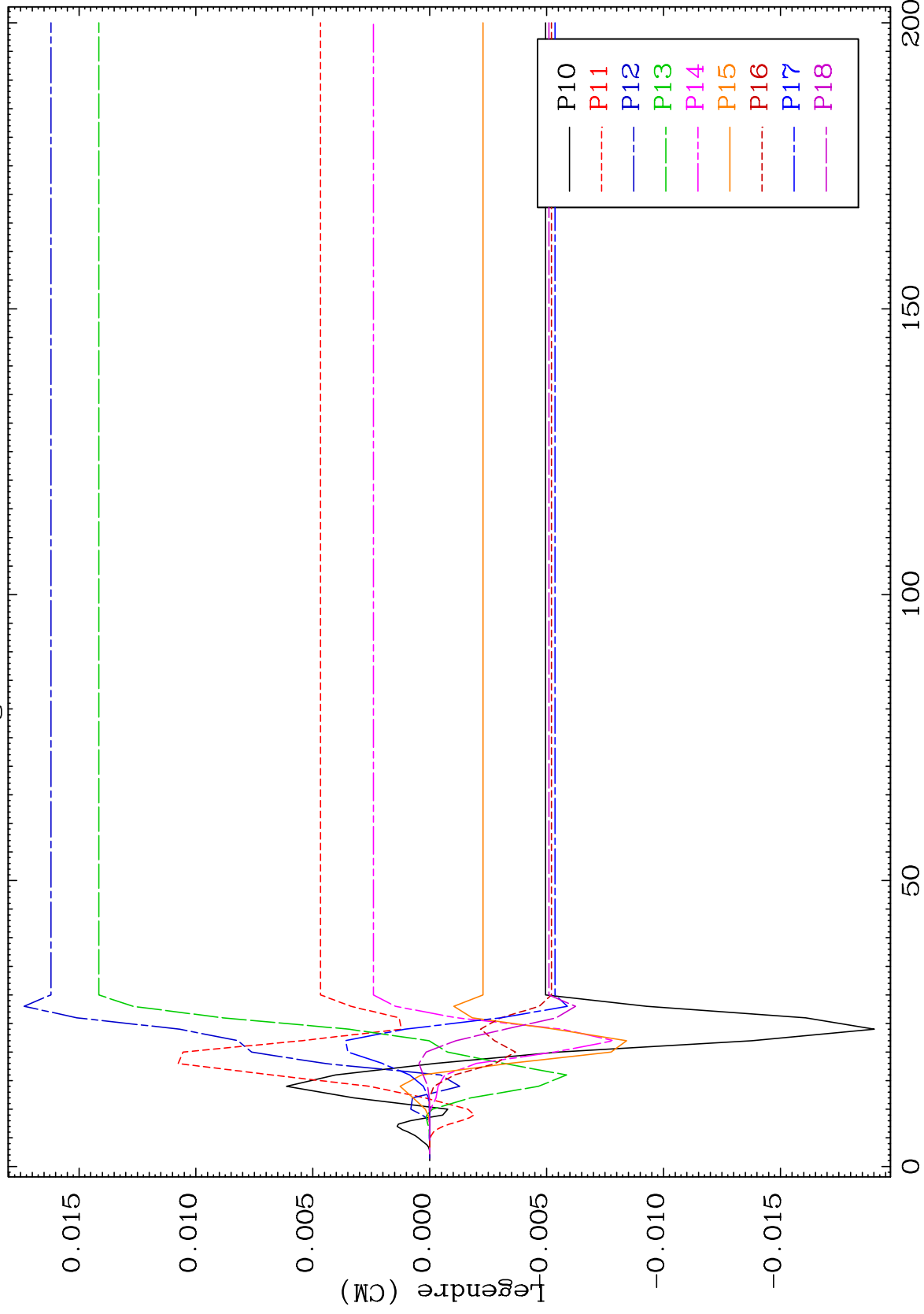
Incident Energy (MeV)

24

MAT 7422

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

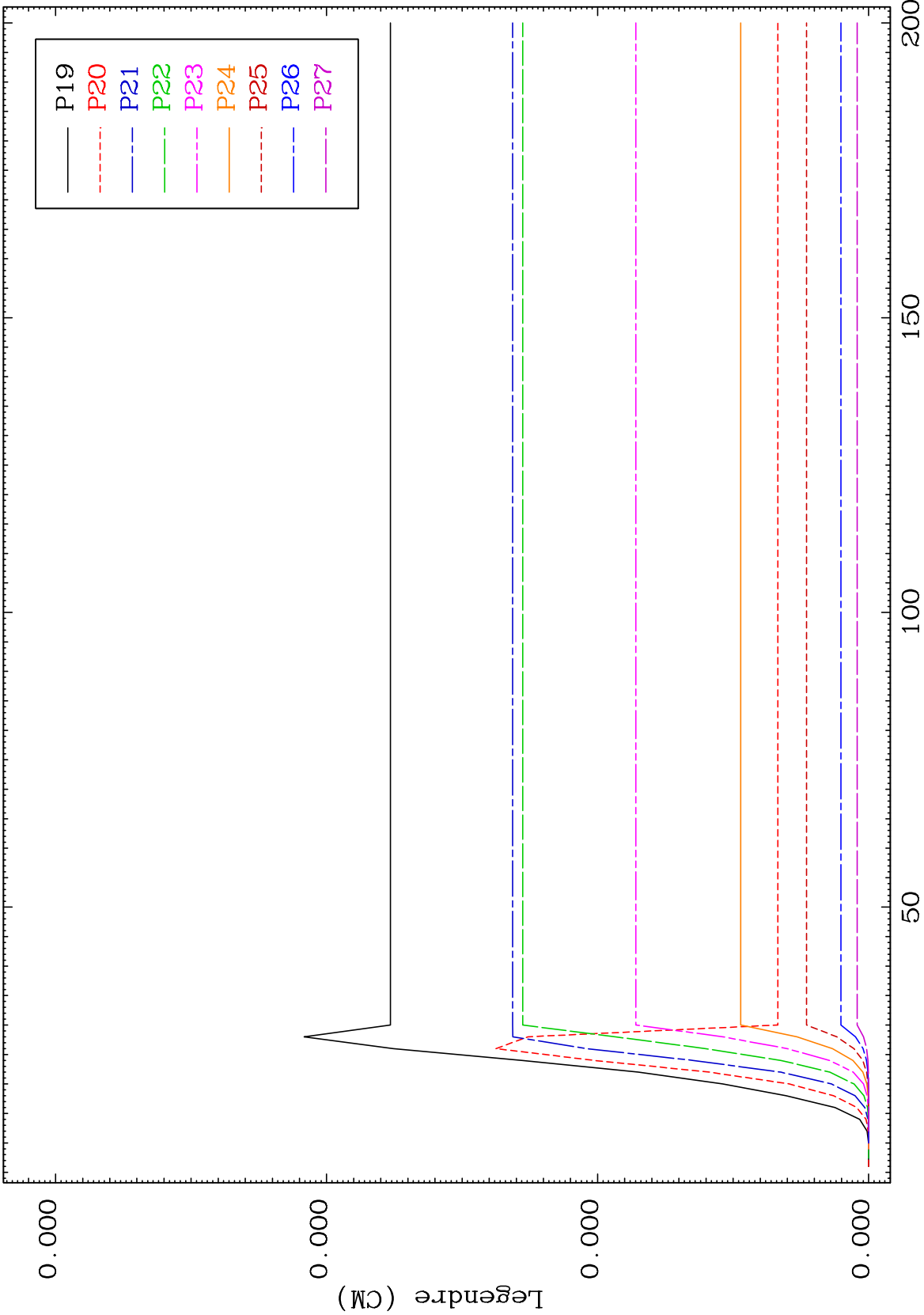
74-W -179

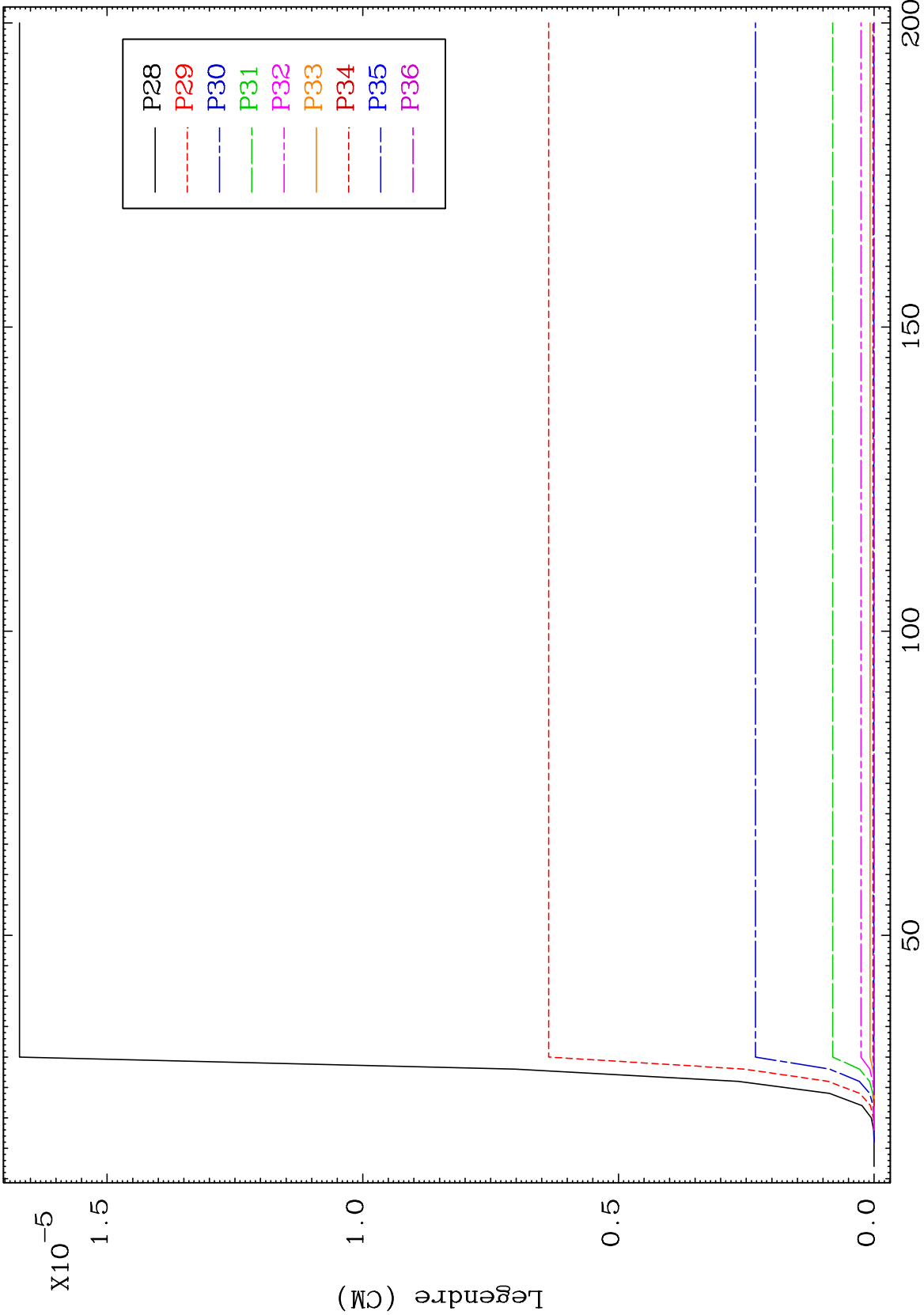


25

Incident Energy (MeV)

74-W -179

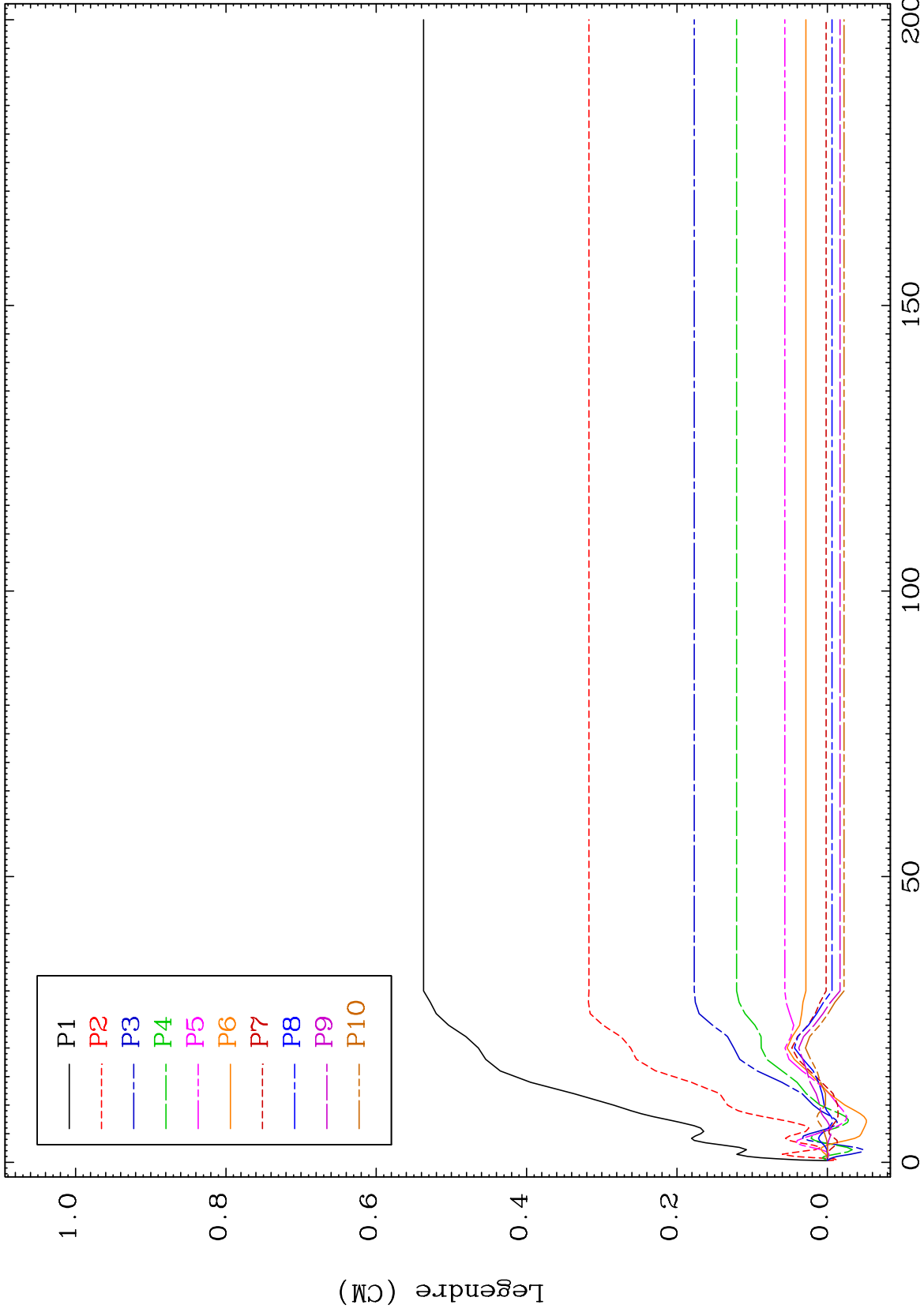




MAT 7422

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

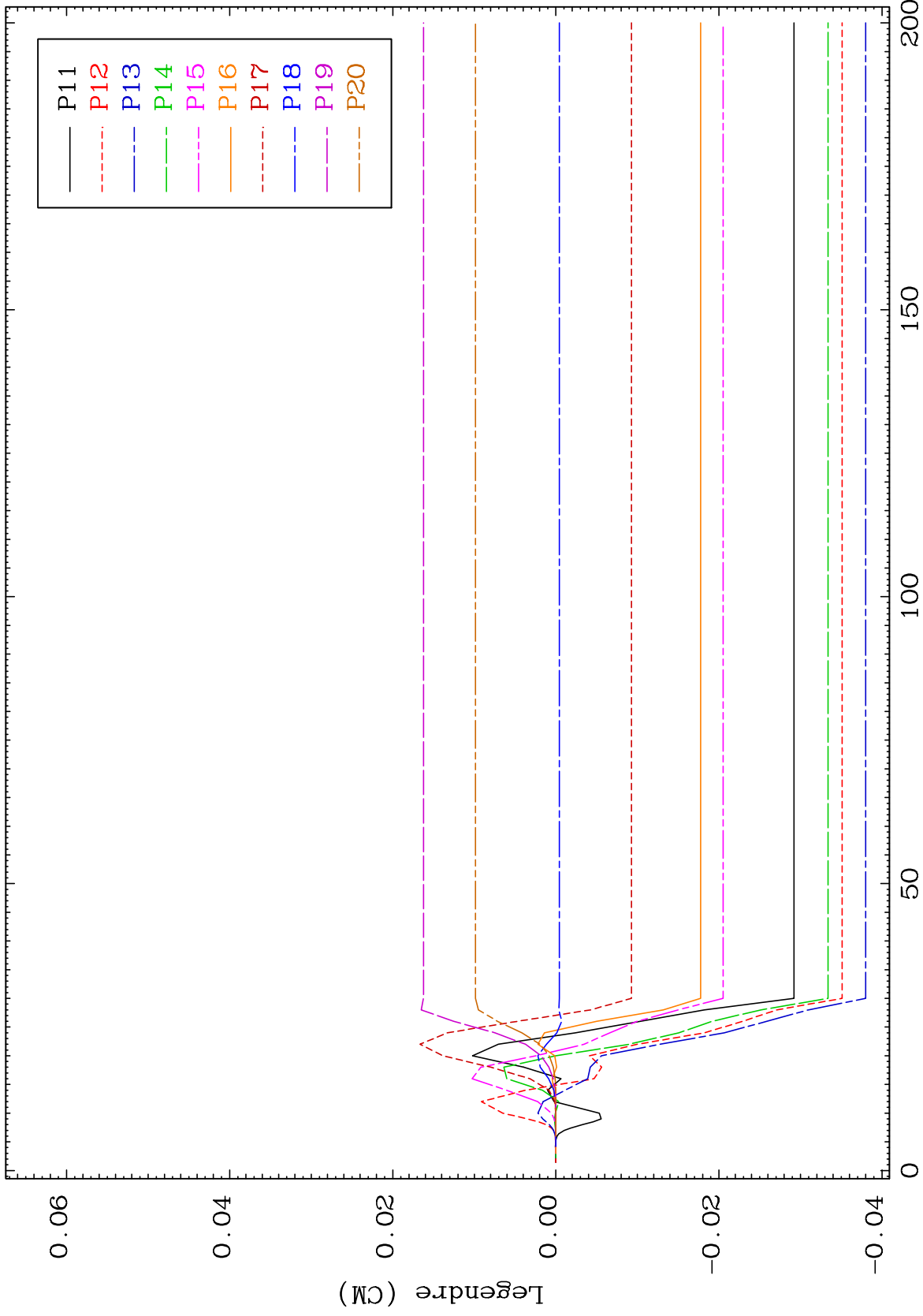
74-W -179



28

Incident Energy (MeV)

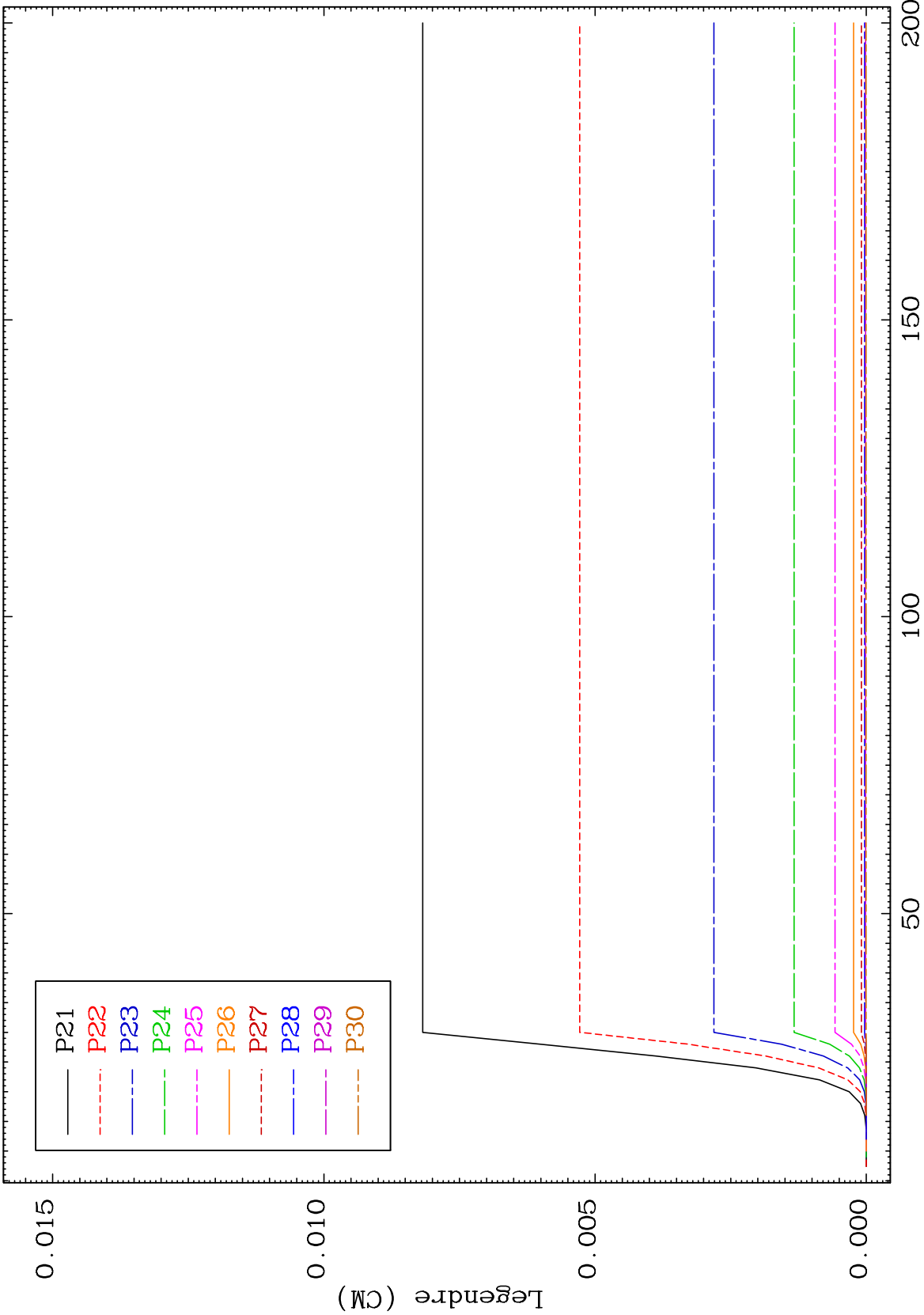
74-W -179



MAT 7422

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

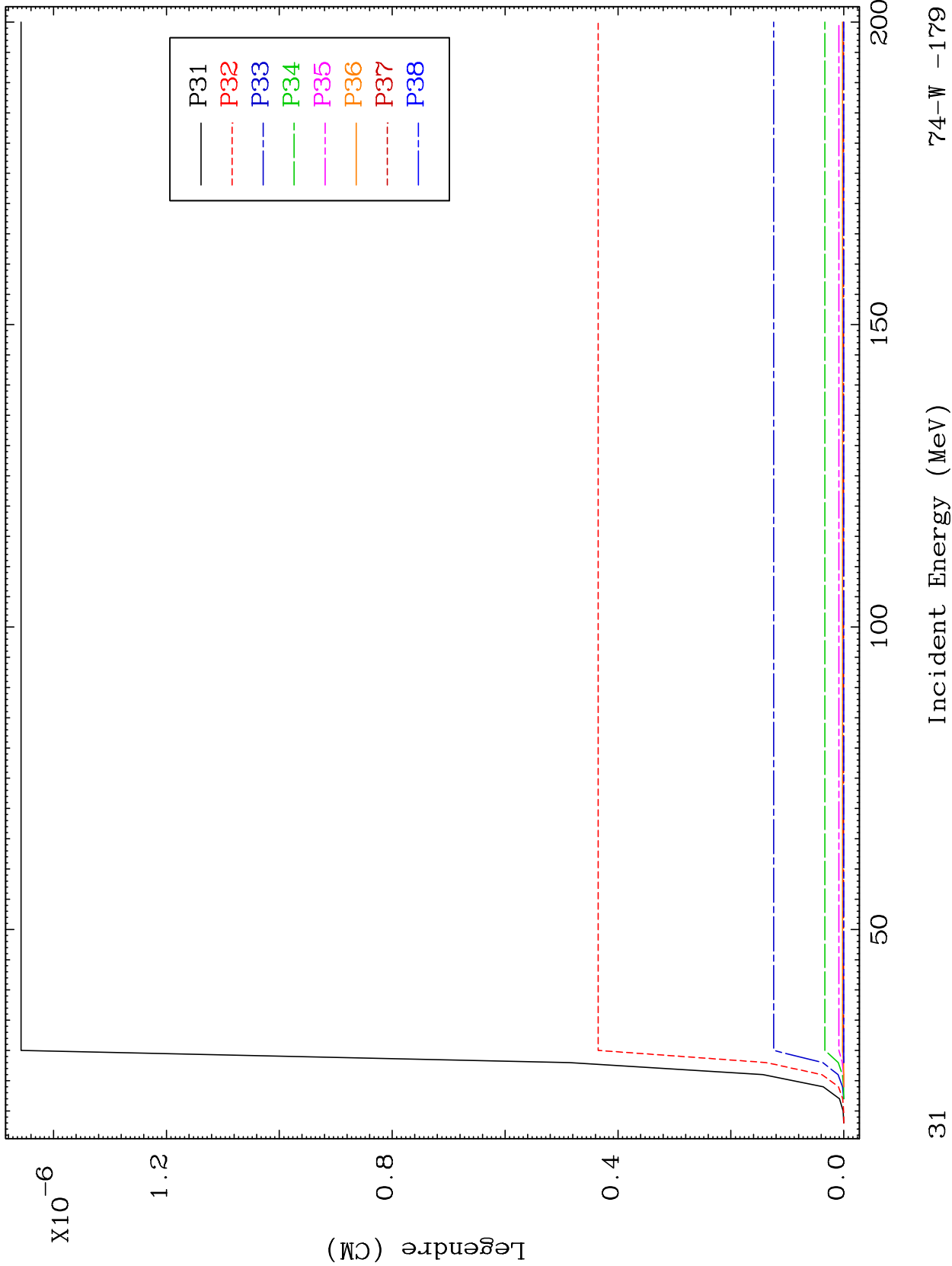
74-W -179



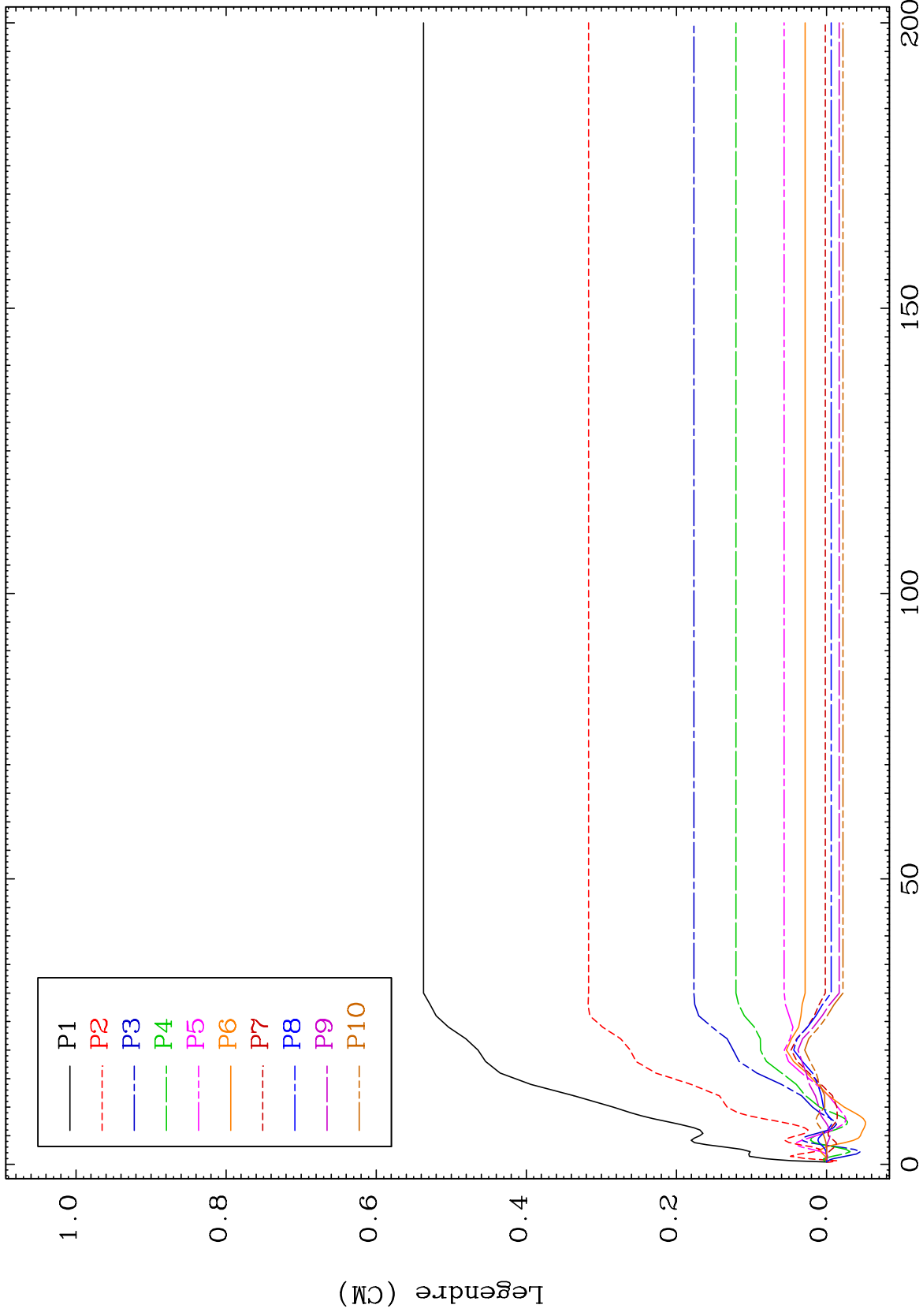
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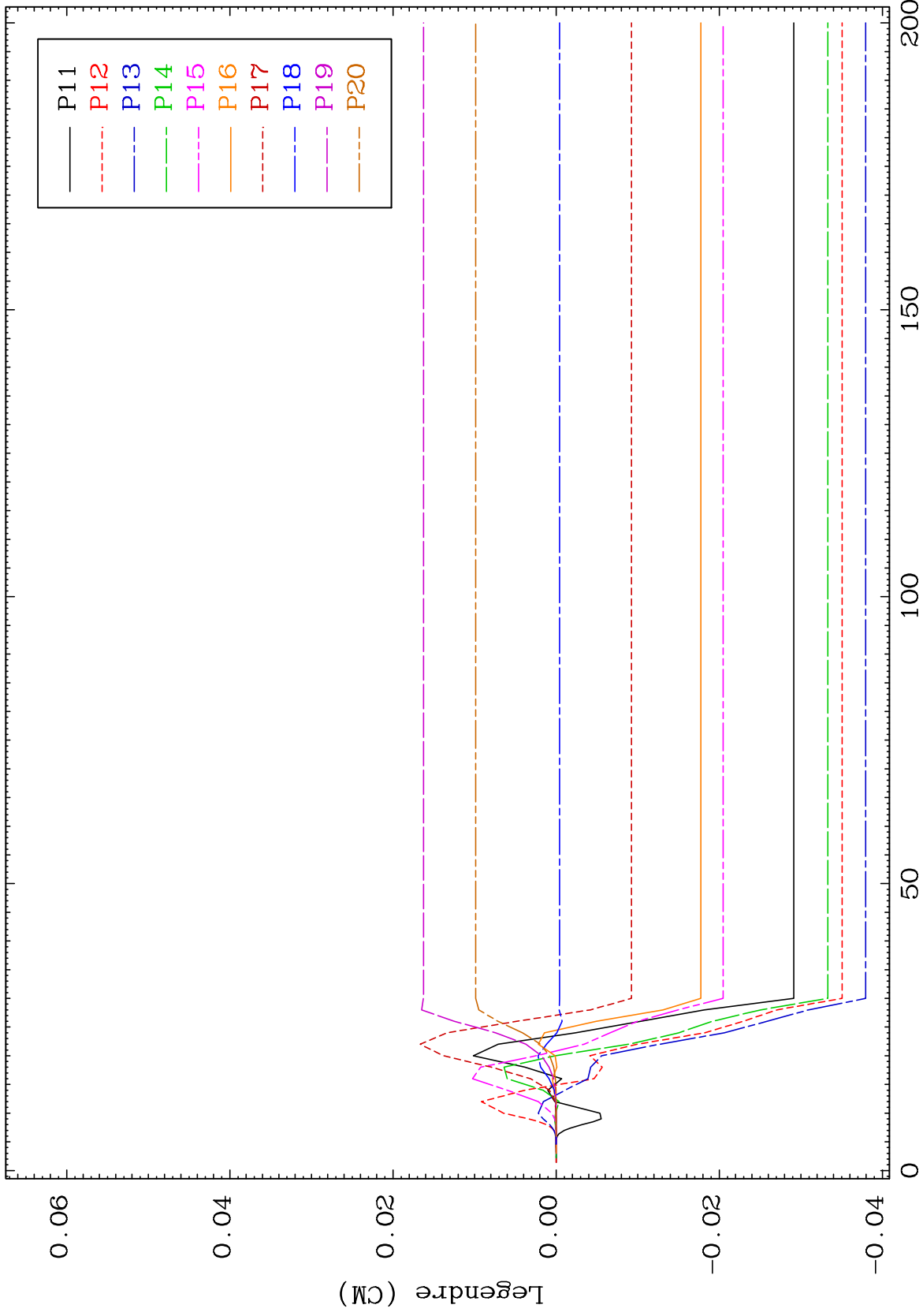
Incident Energy (MeV)

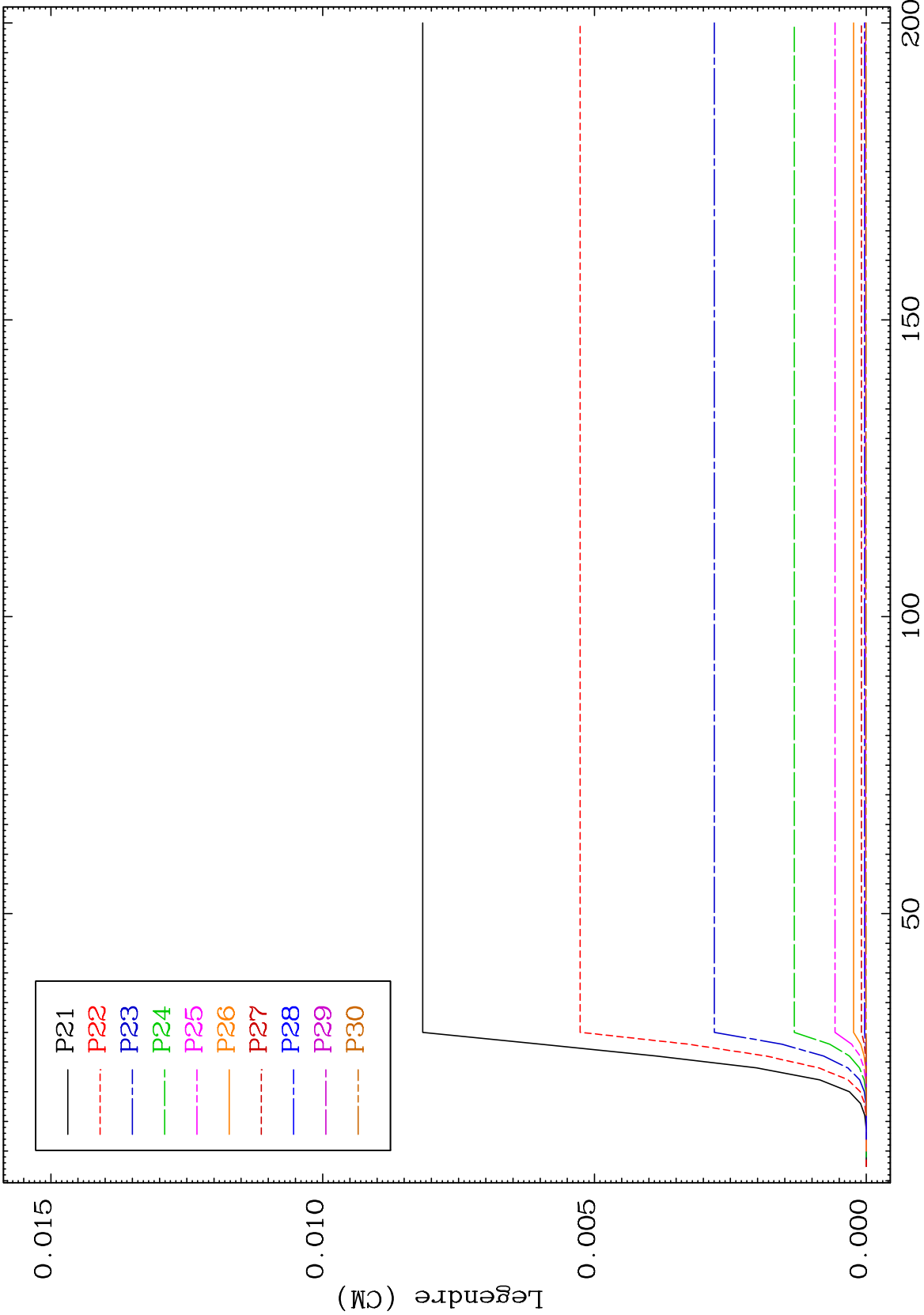
74-W -179







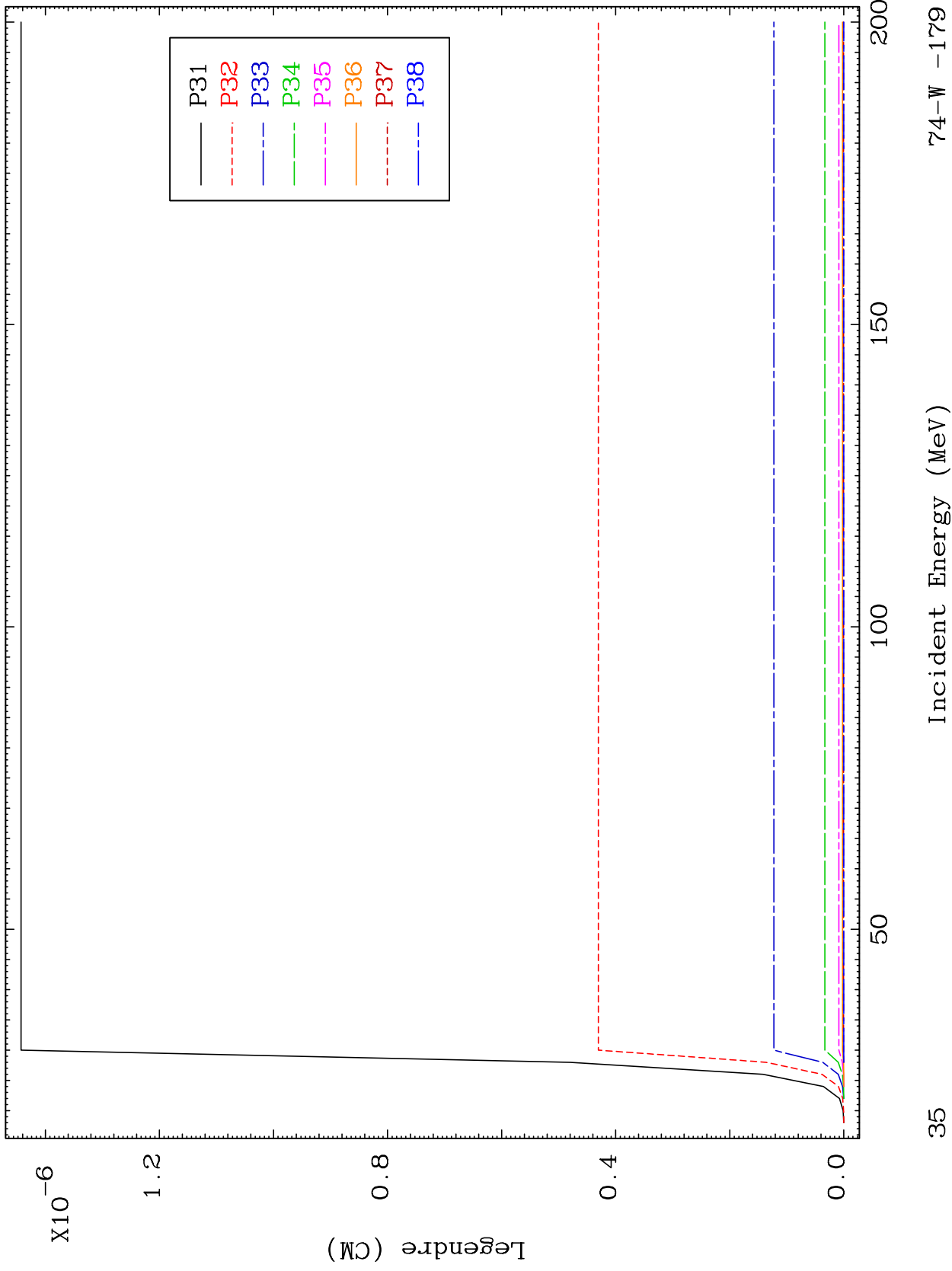




MAT 7422

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

74-W -179



35

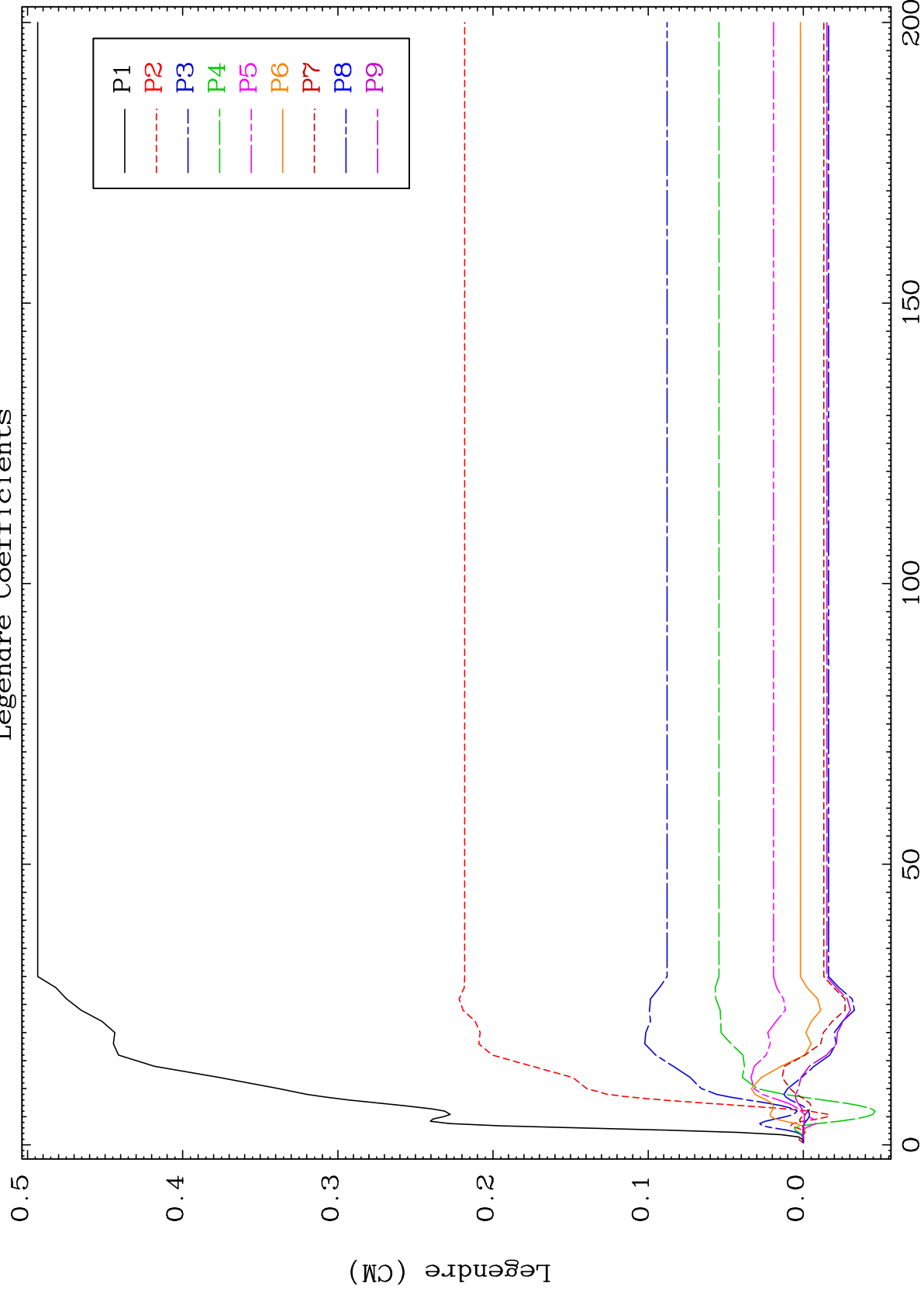
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



36

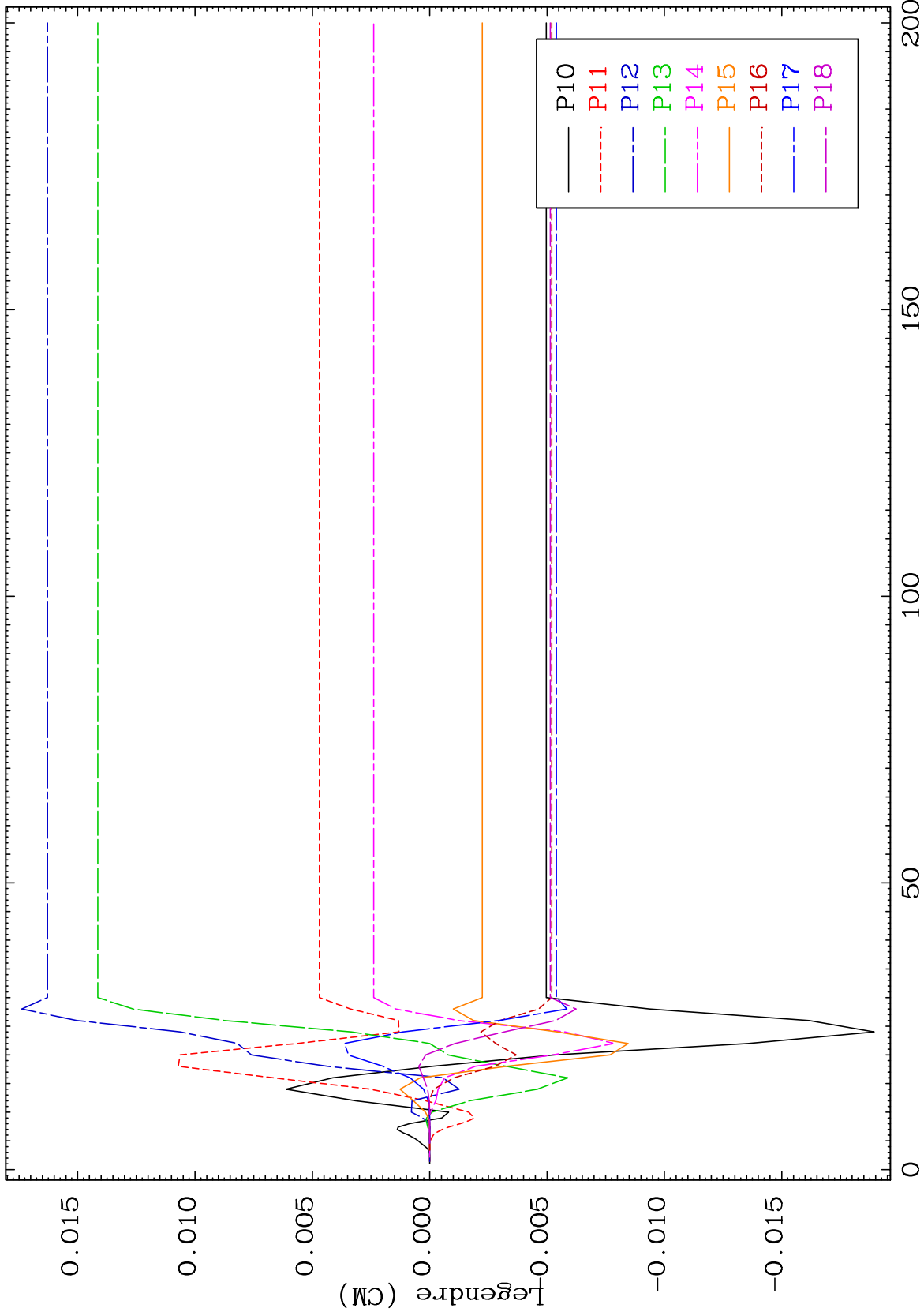
Incident Energy (MeV)

74-W -179

MAT 7422

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

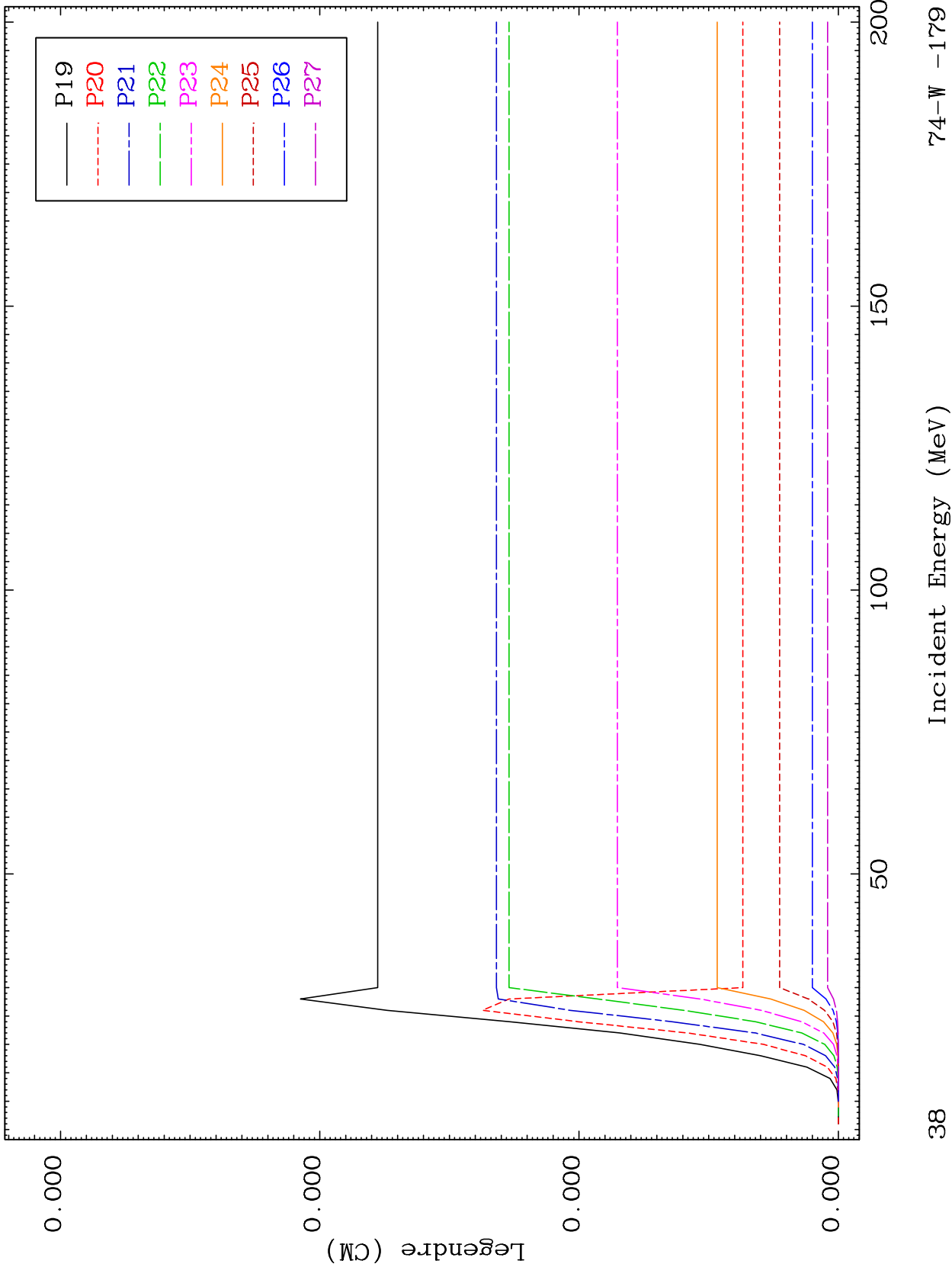
74-W -179

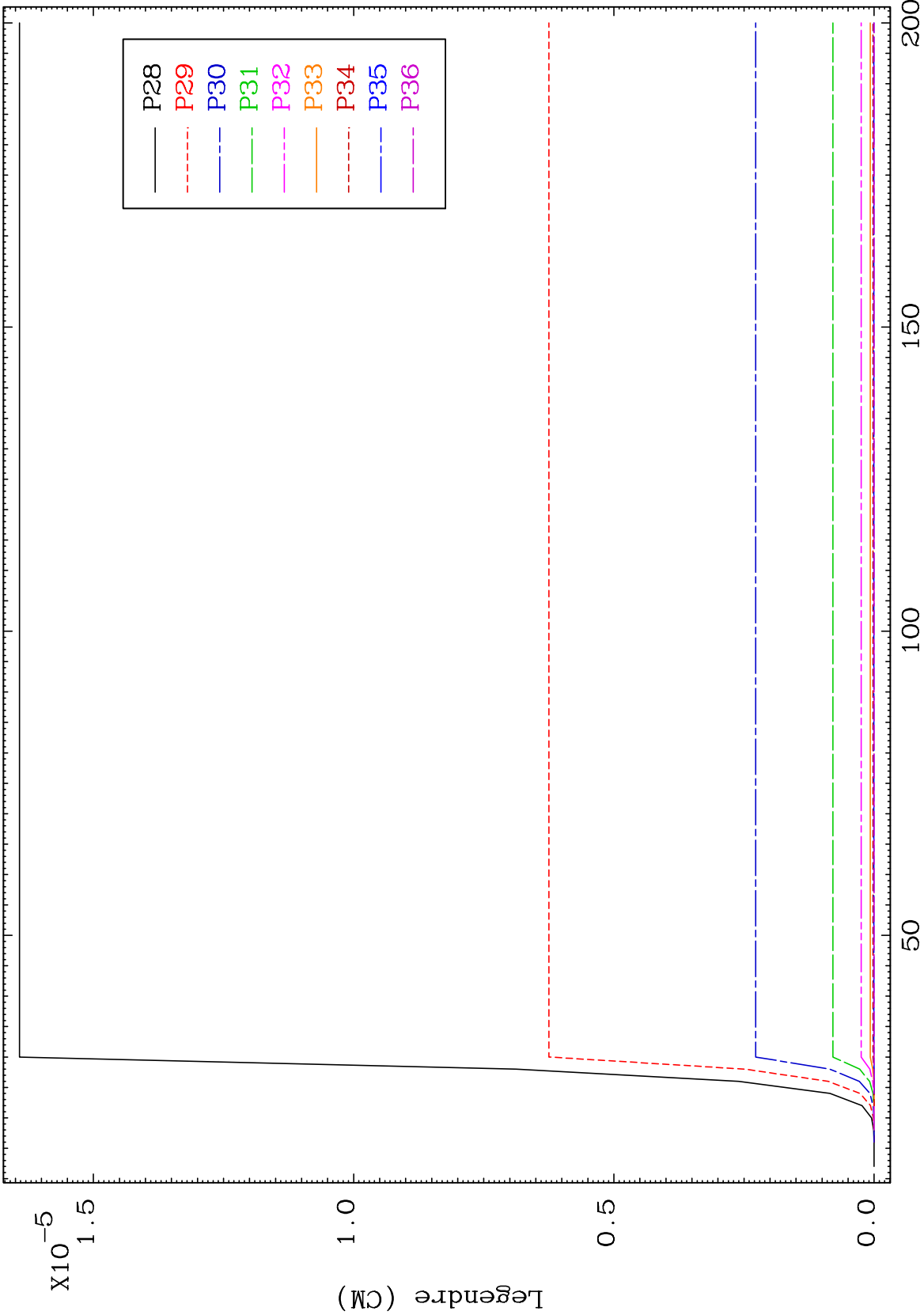


37

Incident Energy (MeV)

74-W -179



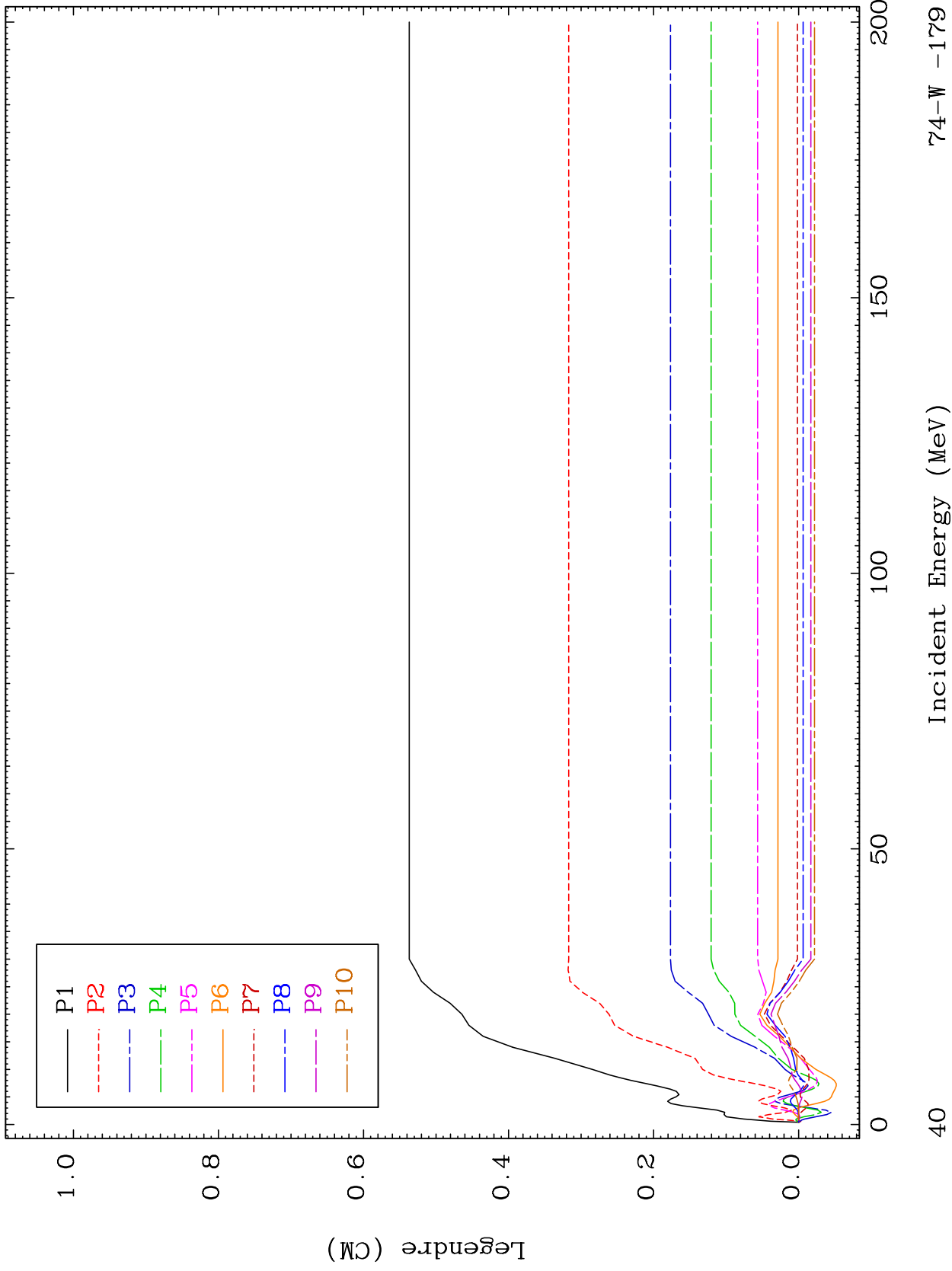


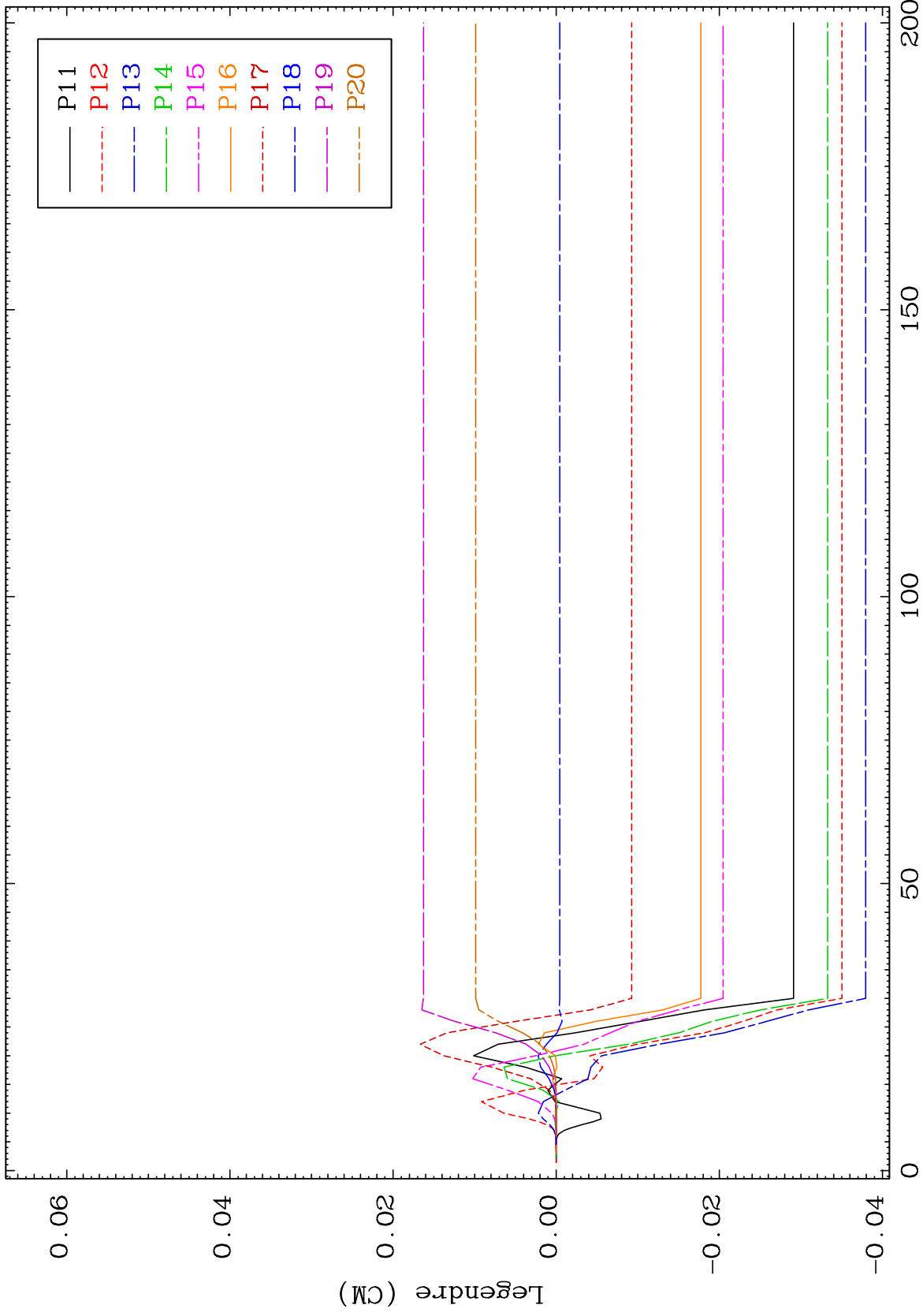


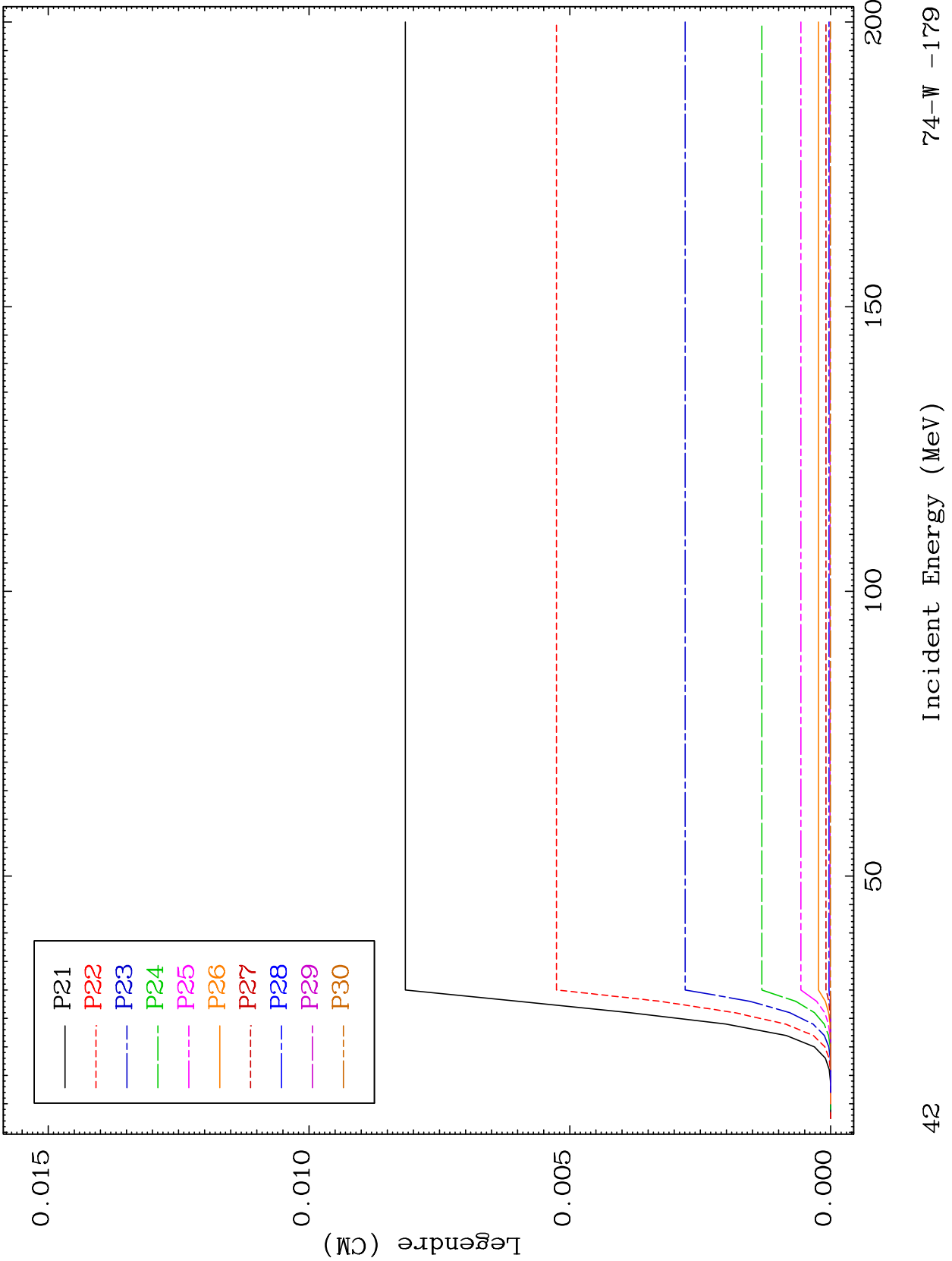
MAT 7422

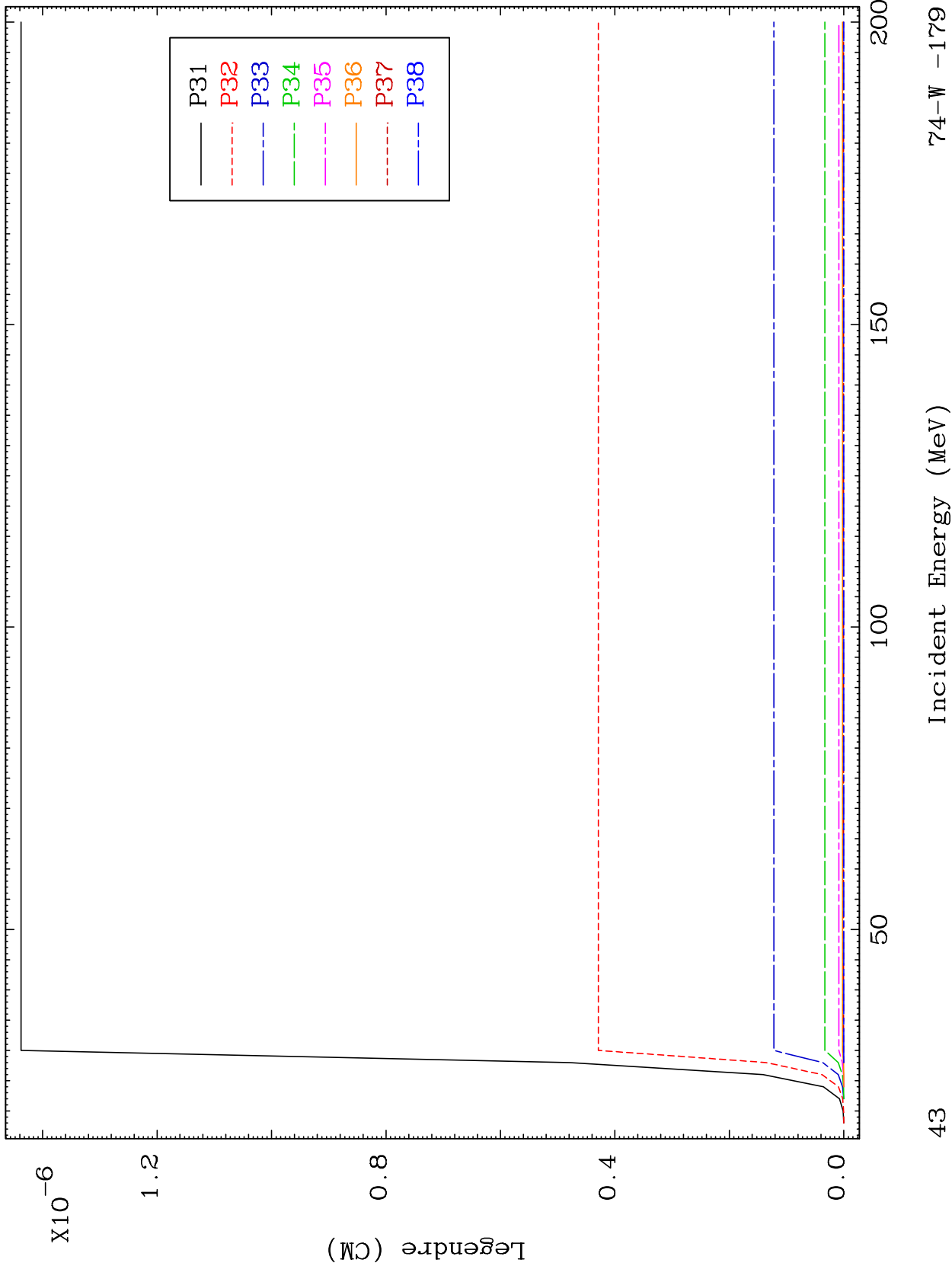
MT= 56 (n,n') Level  
Legendre Coefficients

74-W -179





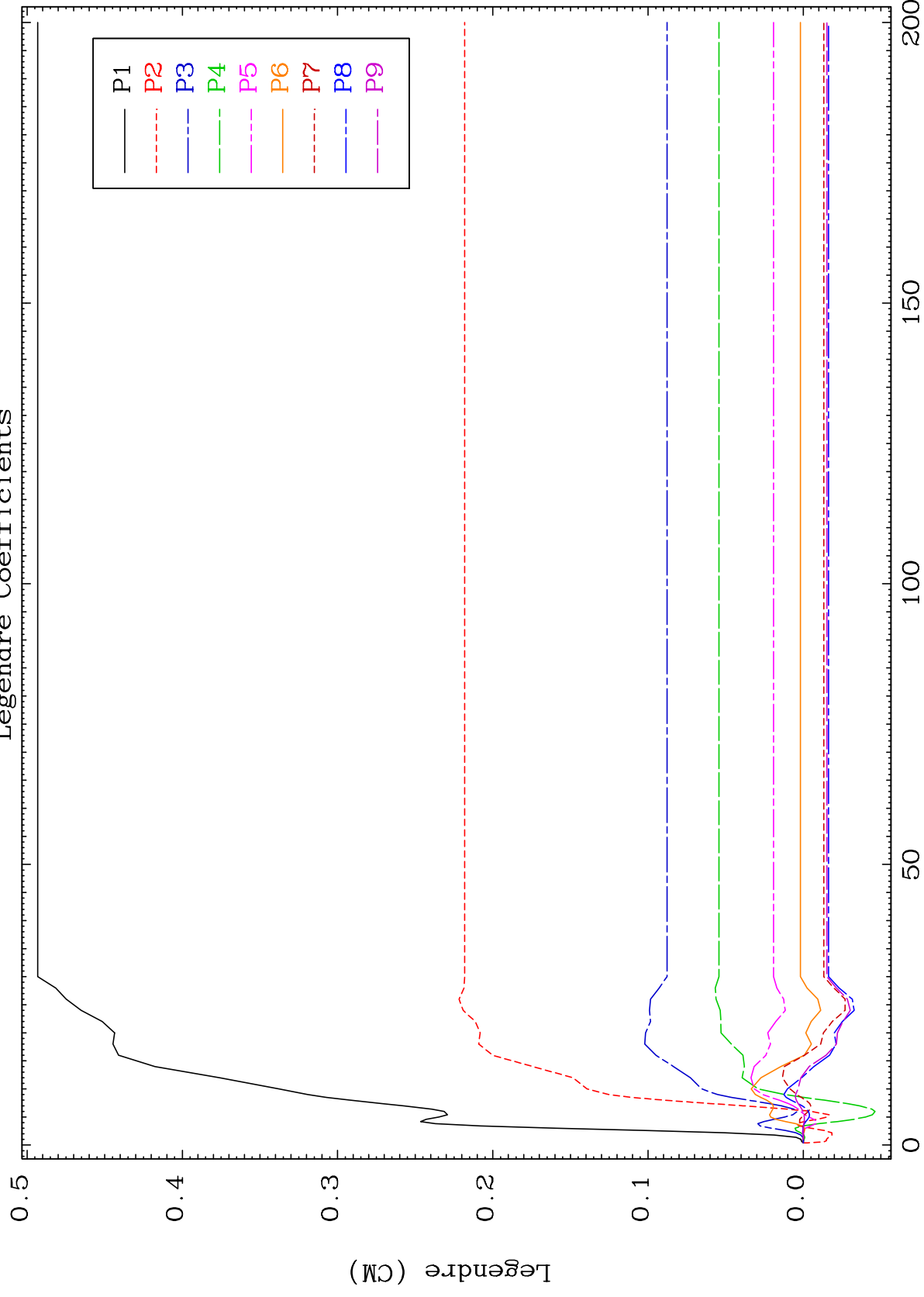




MAT 7422

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

74-W -179



74-W -179

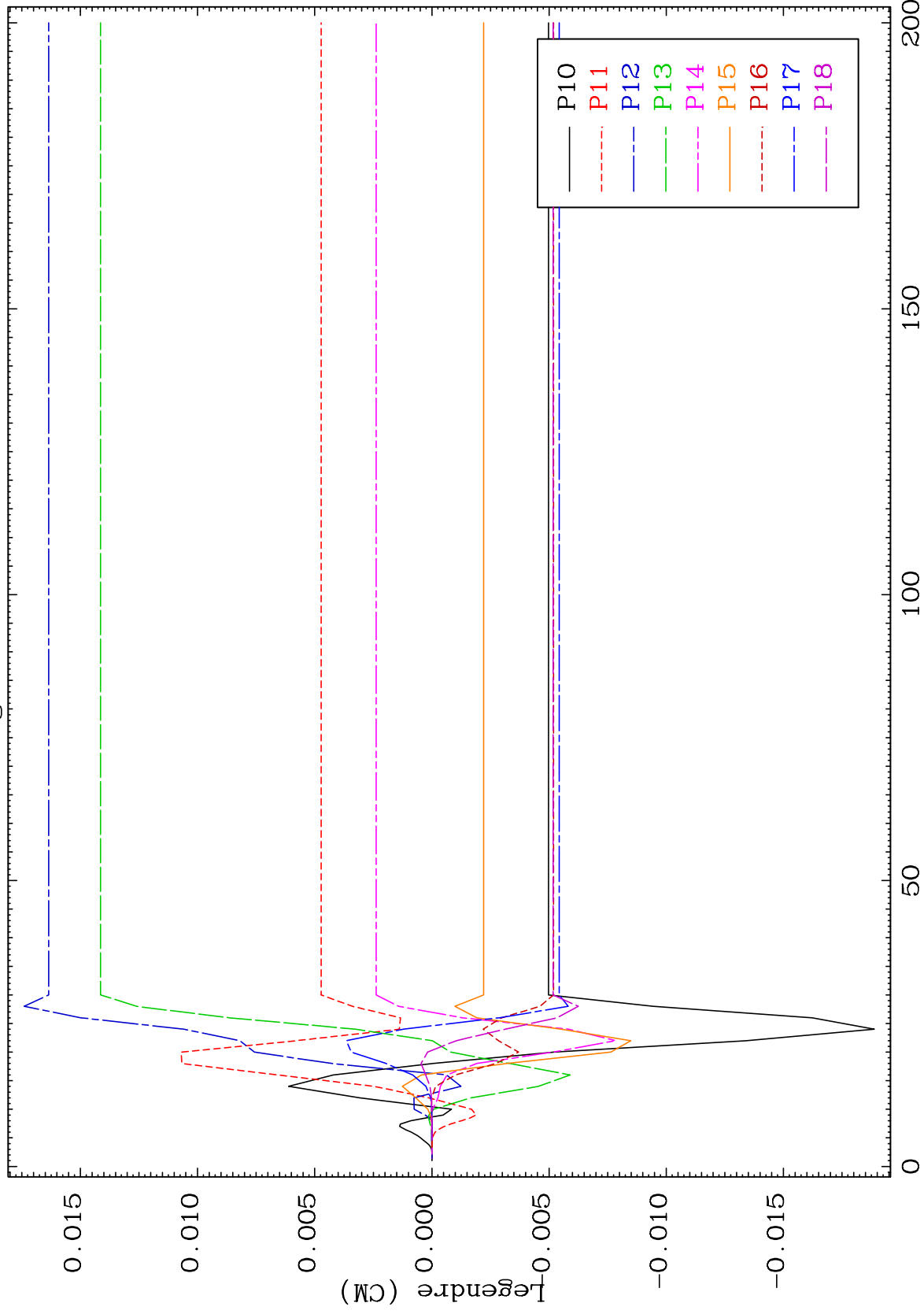
Incident Energy (MeV)

44

MAT 7422

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

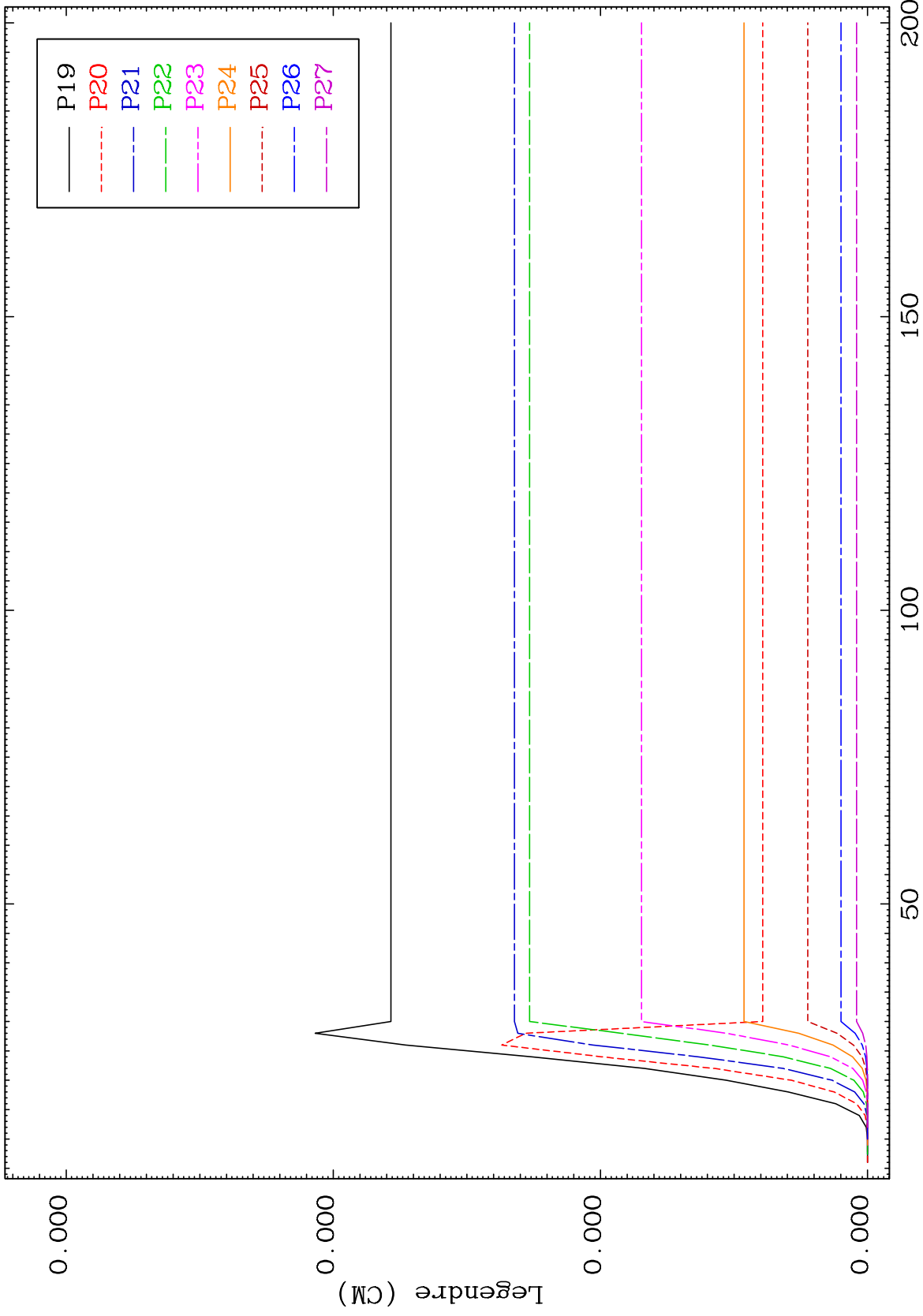
74-W -179

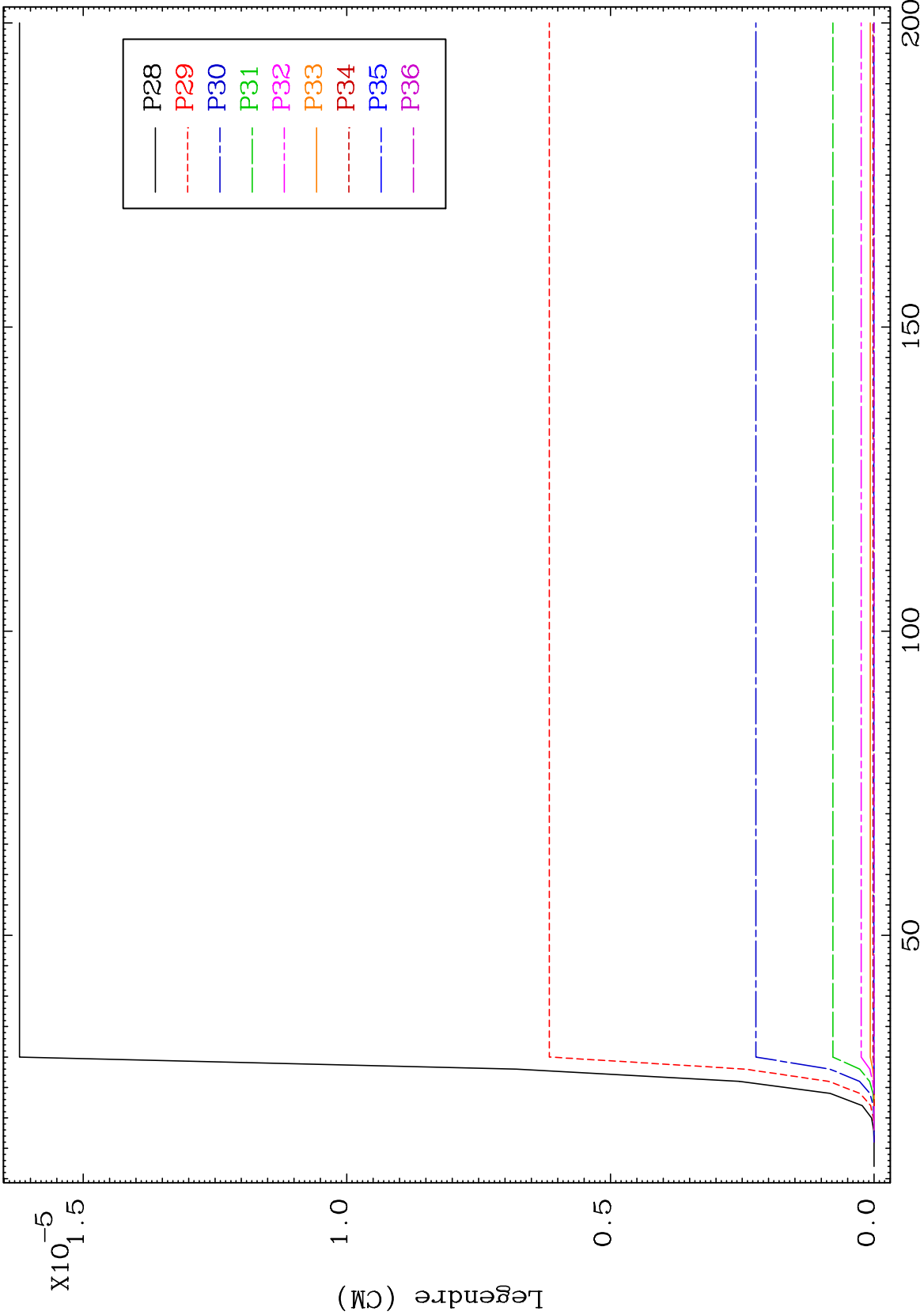


45

Incident Energy (MeV)

74-W -179



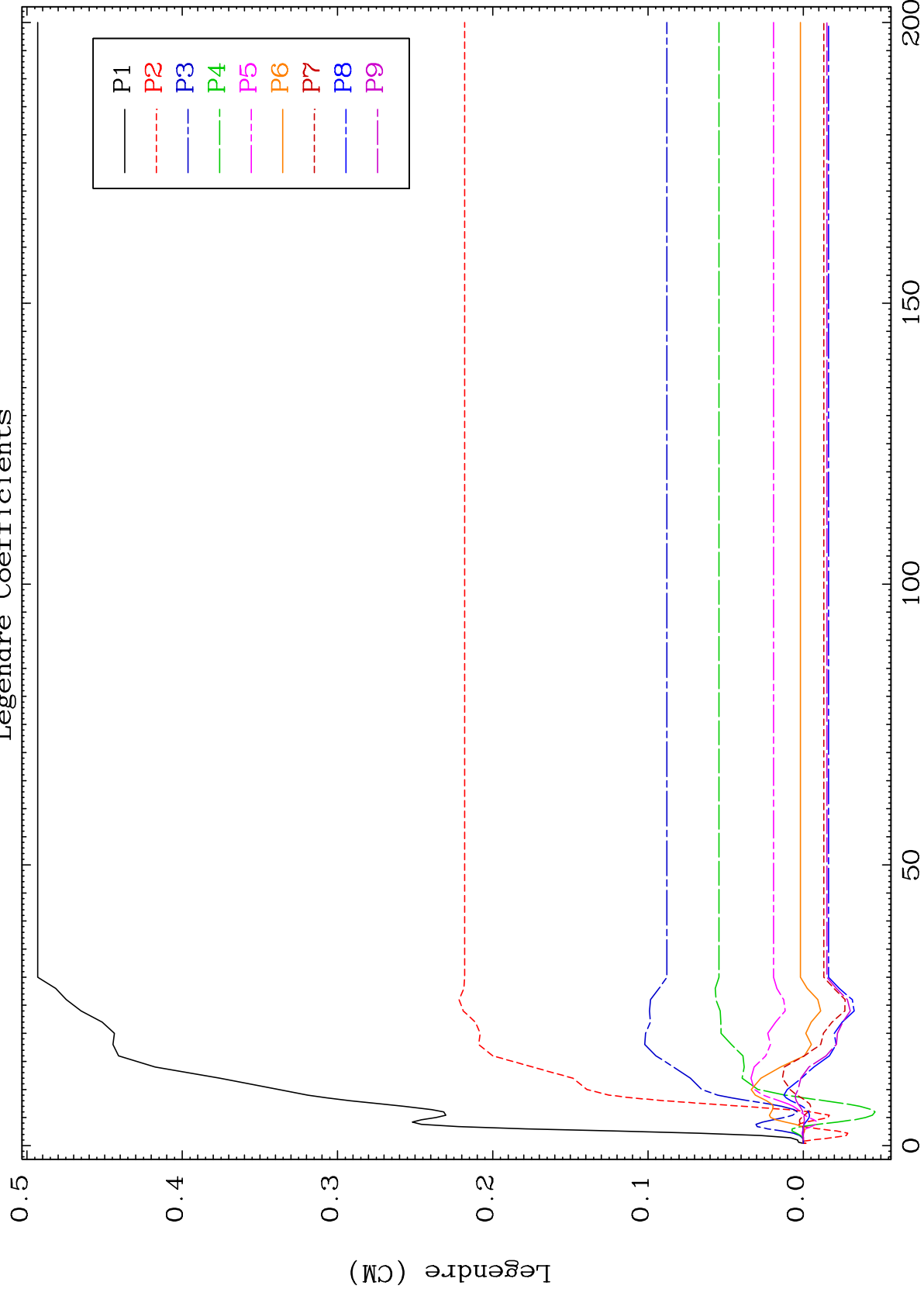




MAT 7422

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

74-W -179



74-W -179

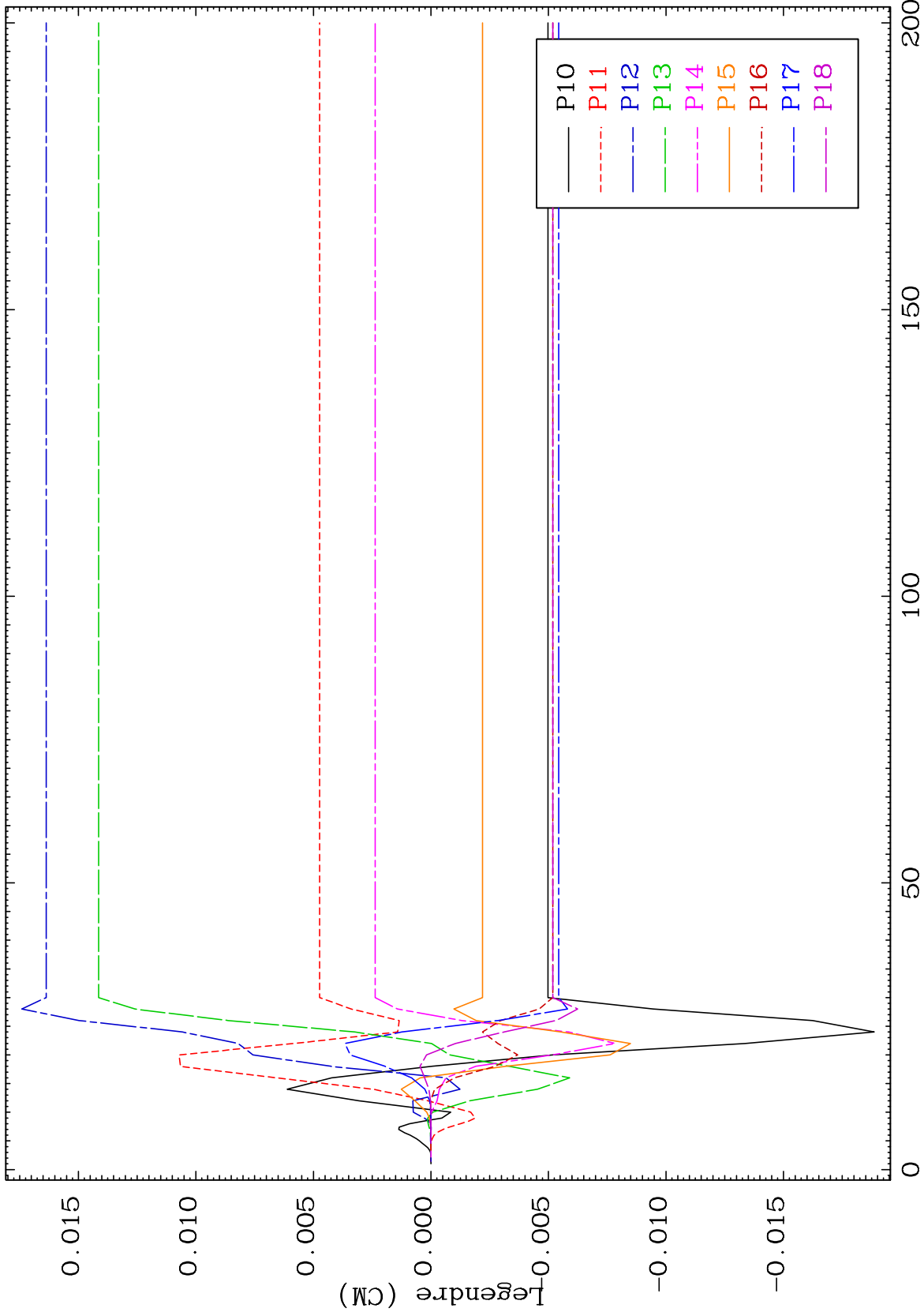
Incident Energy (MeV)

48

MAT 7422

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

74-W -179



49

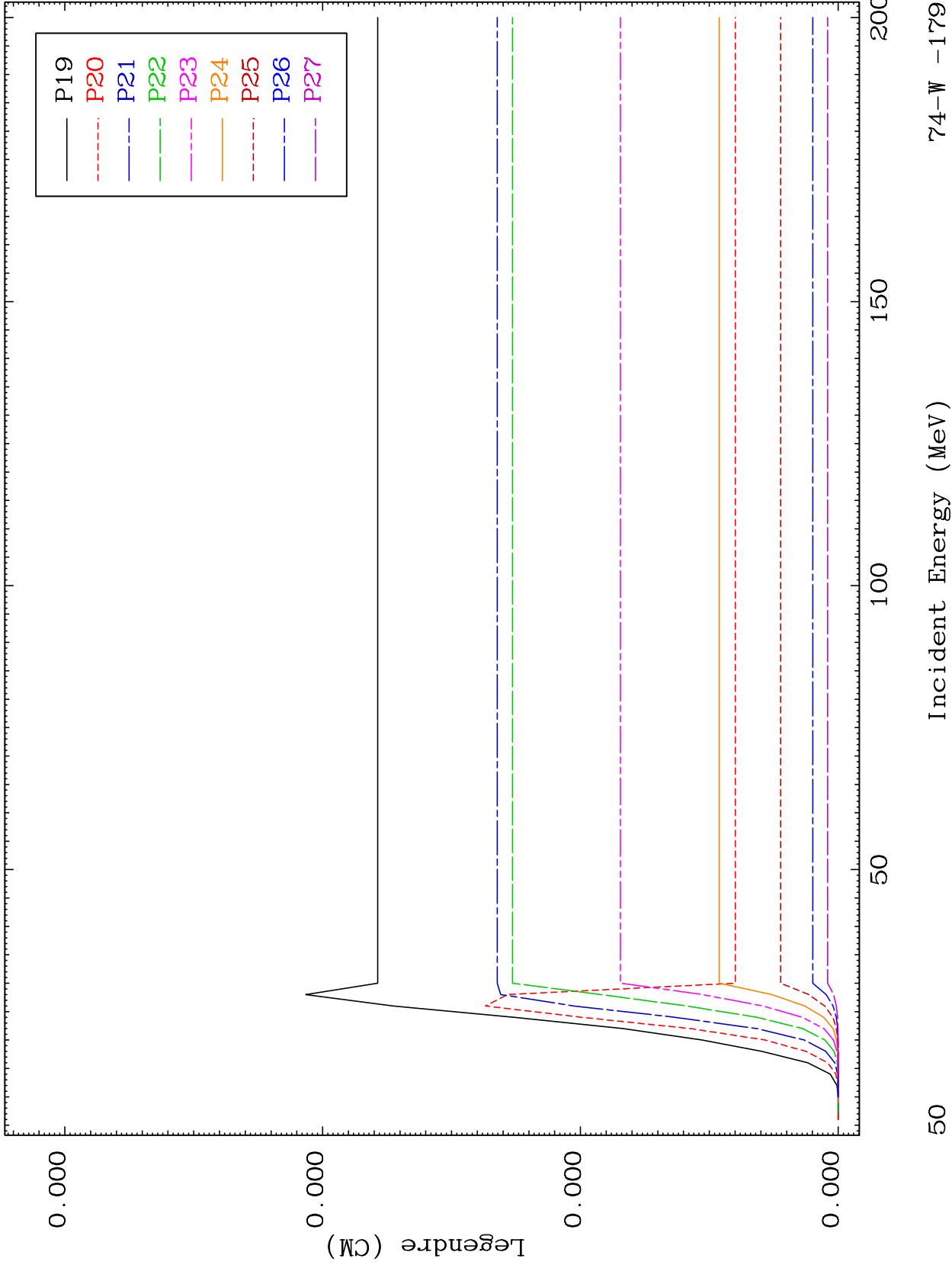
Incident Energy (MeV)

74-W -179

MAT 7422

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

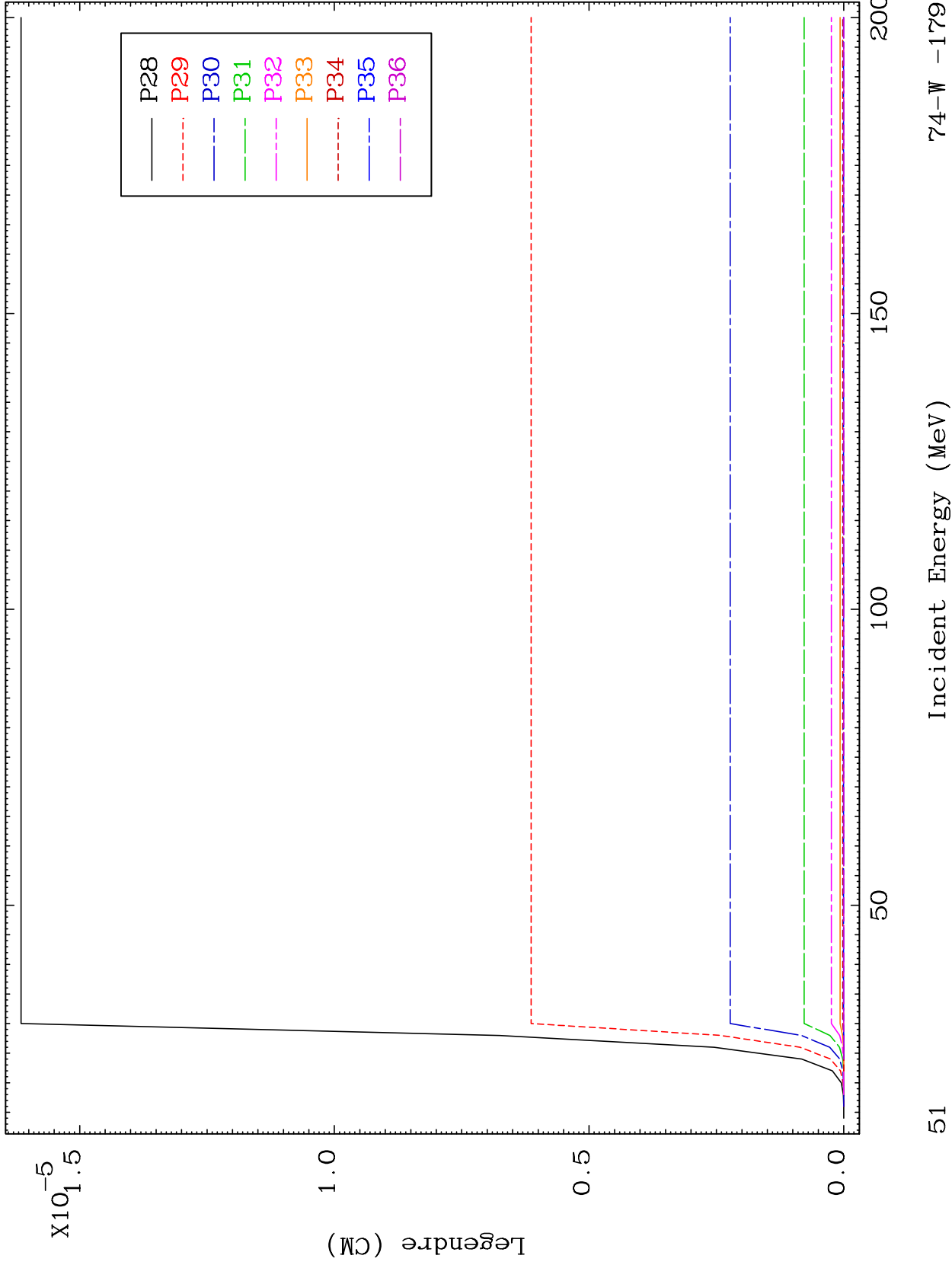
74-W -179



74-W -179

Incident Energy (MeV)

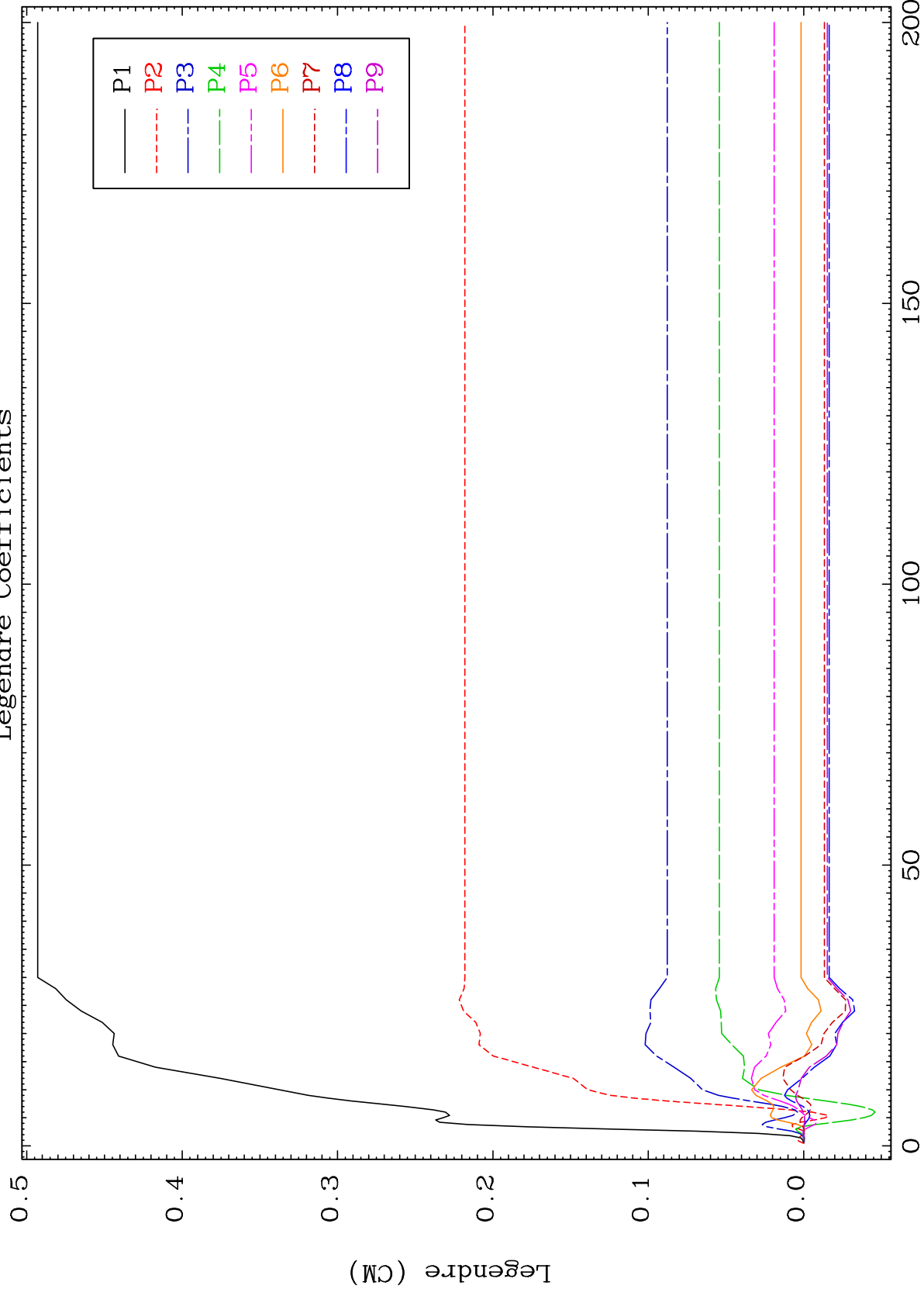
50



MAT 7422

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

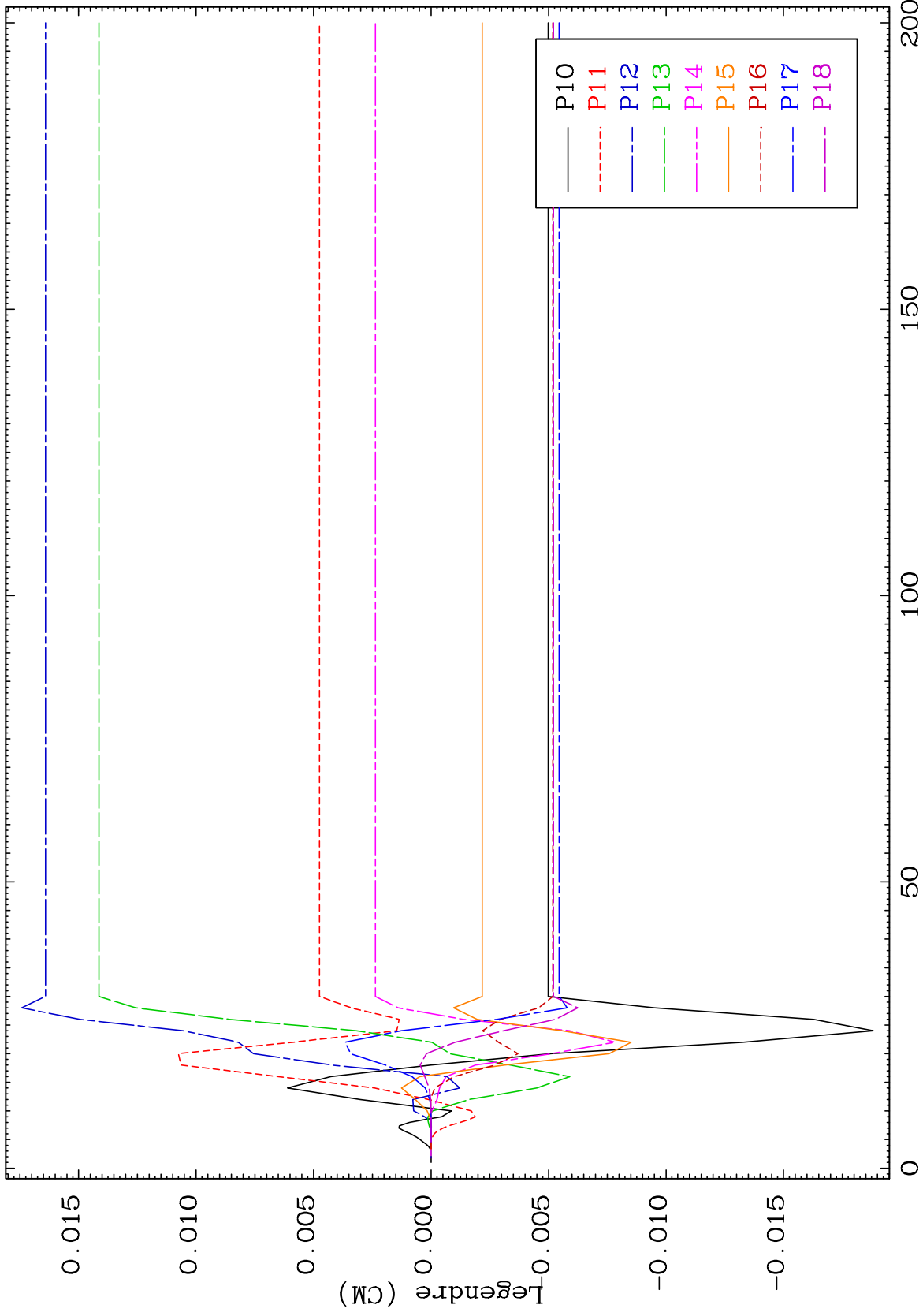
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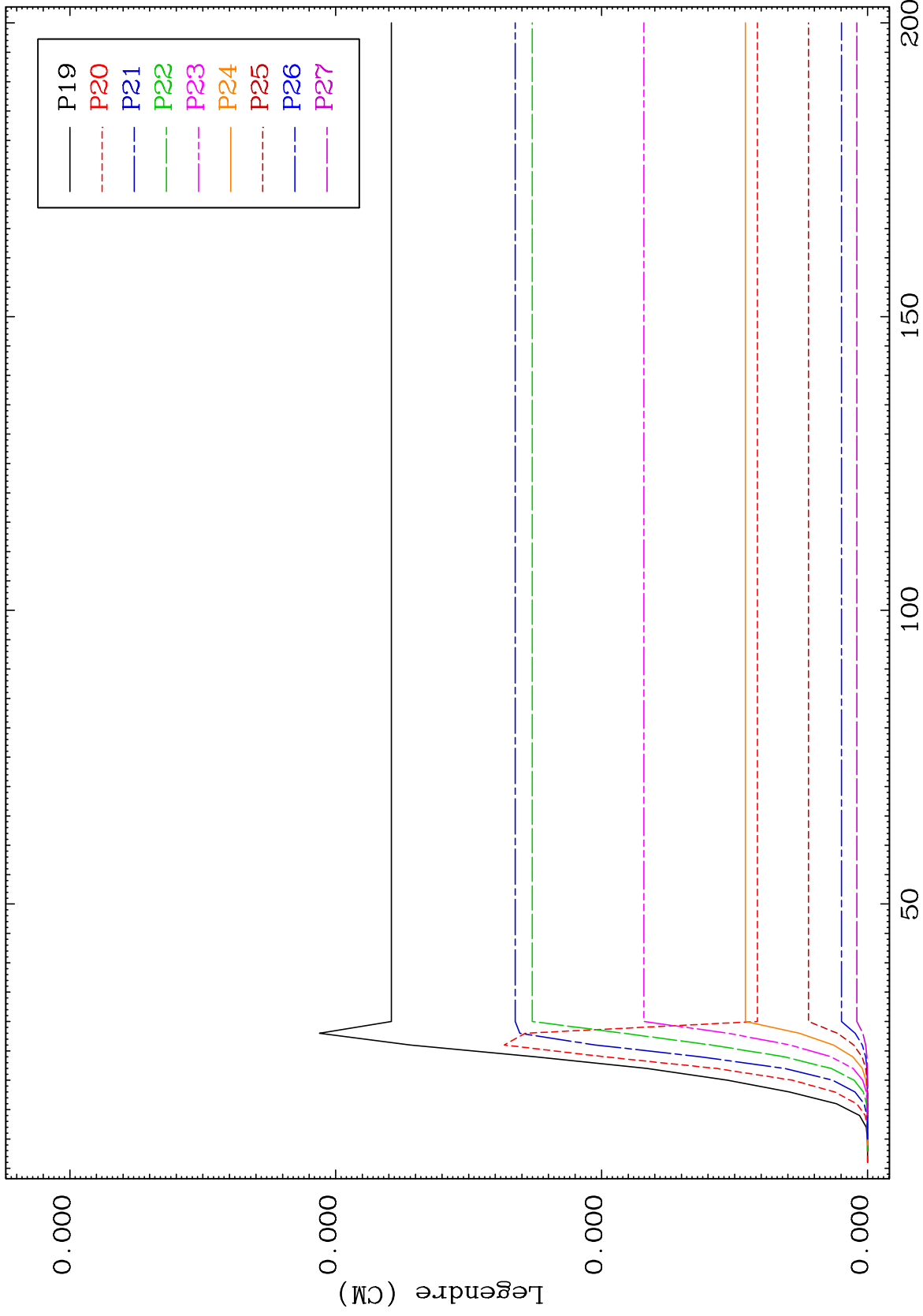


74-W -179

Incident Energy (MeV)

52

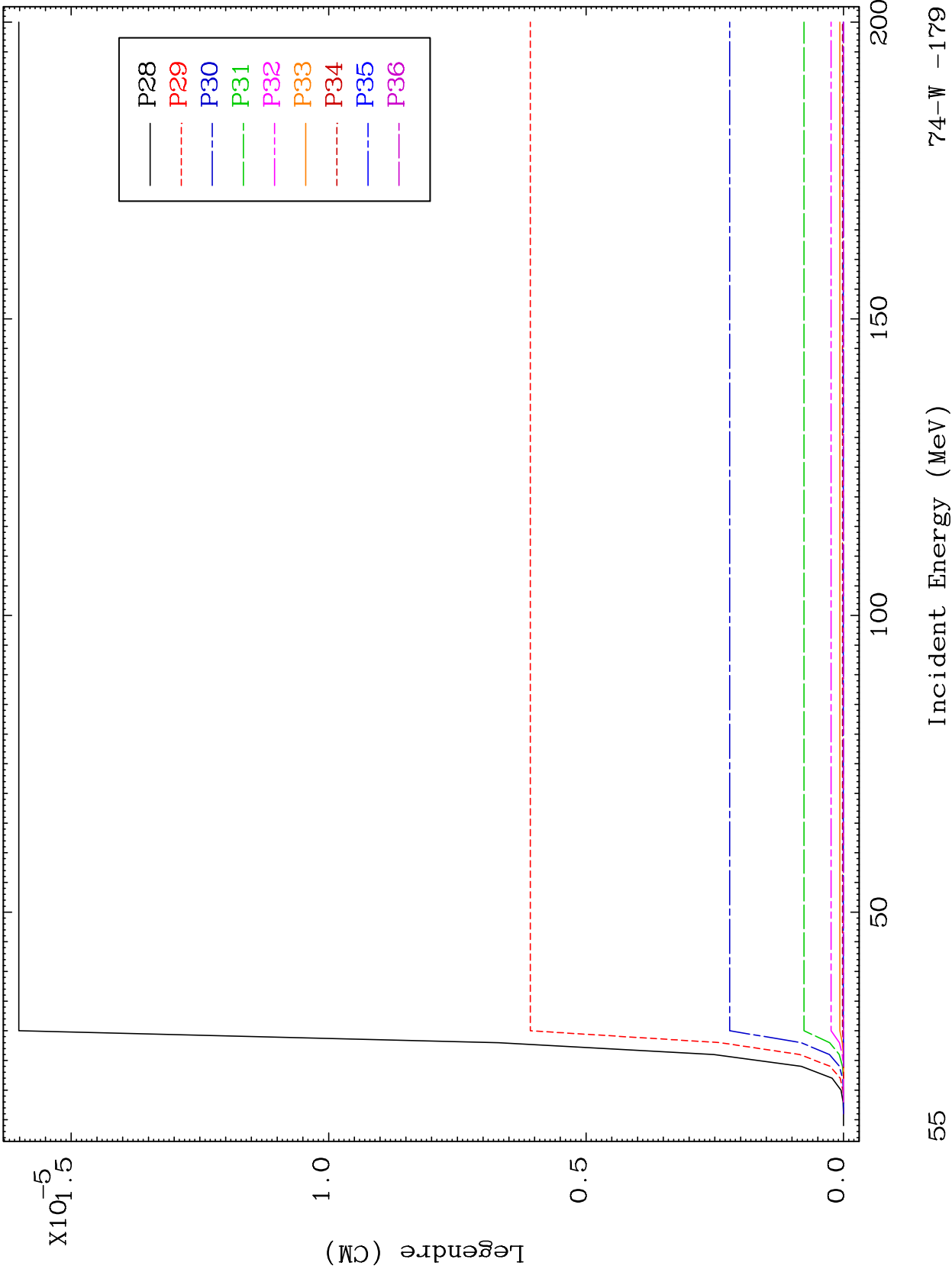




MAT 7422

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

74-W -179



55

Incident Energy (MeV)

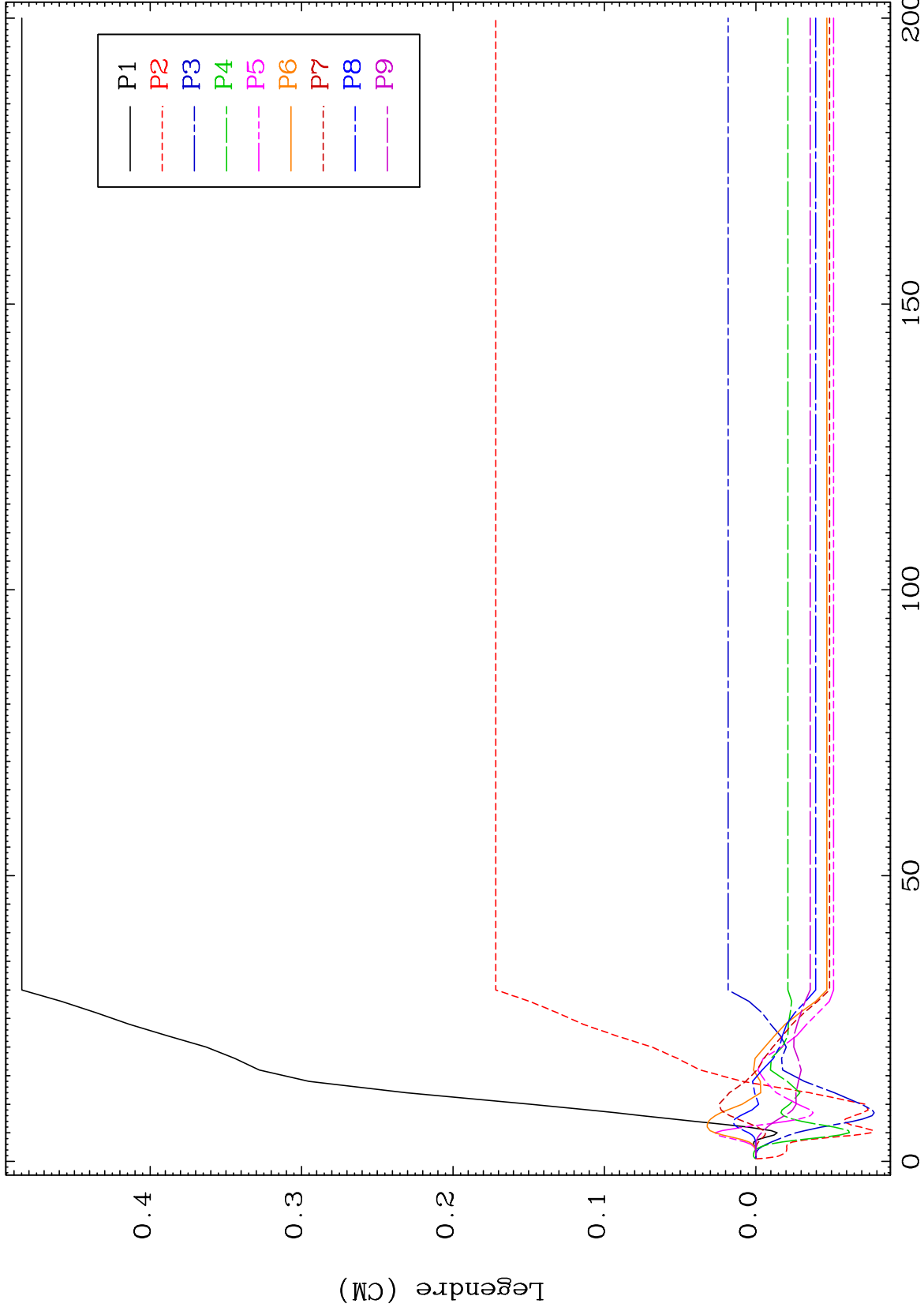
74-W -179



MAT 7422

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

74-W -179



Incident Energy (MeV)

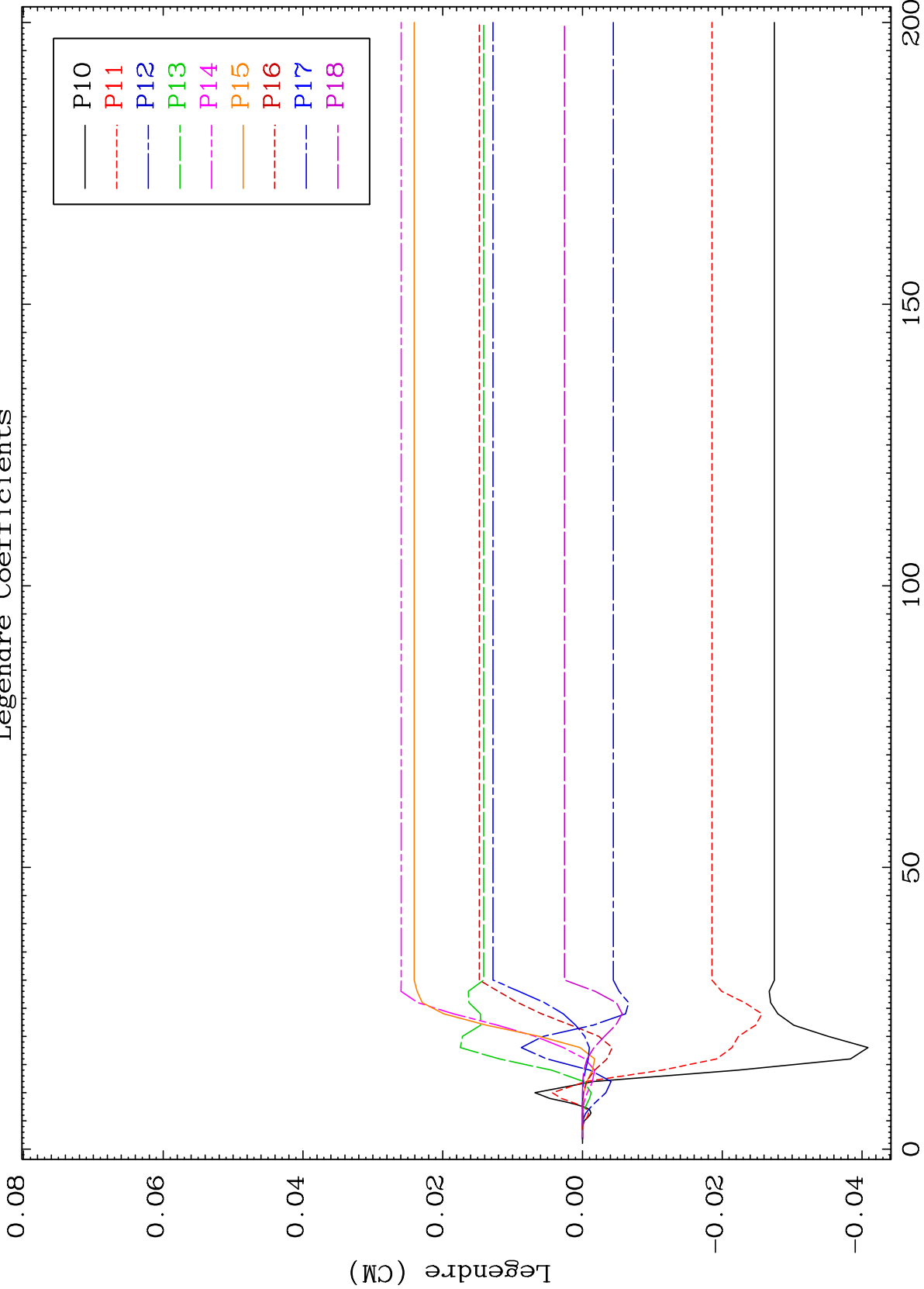
74-W -179

56

MAT 7422

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

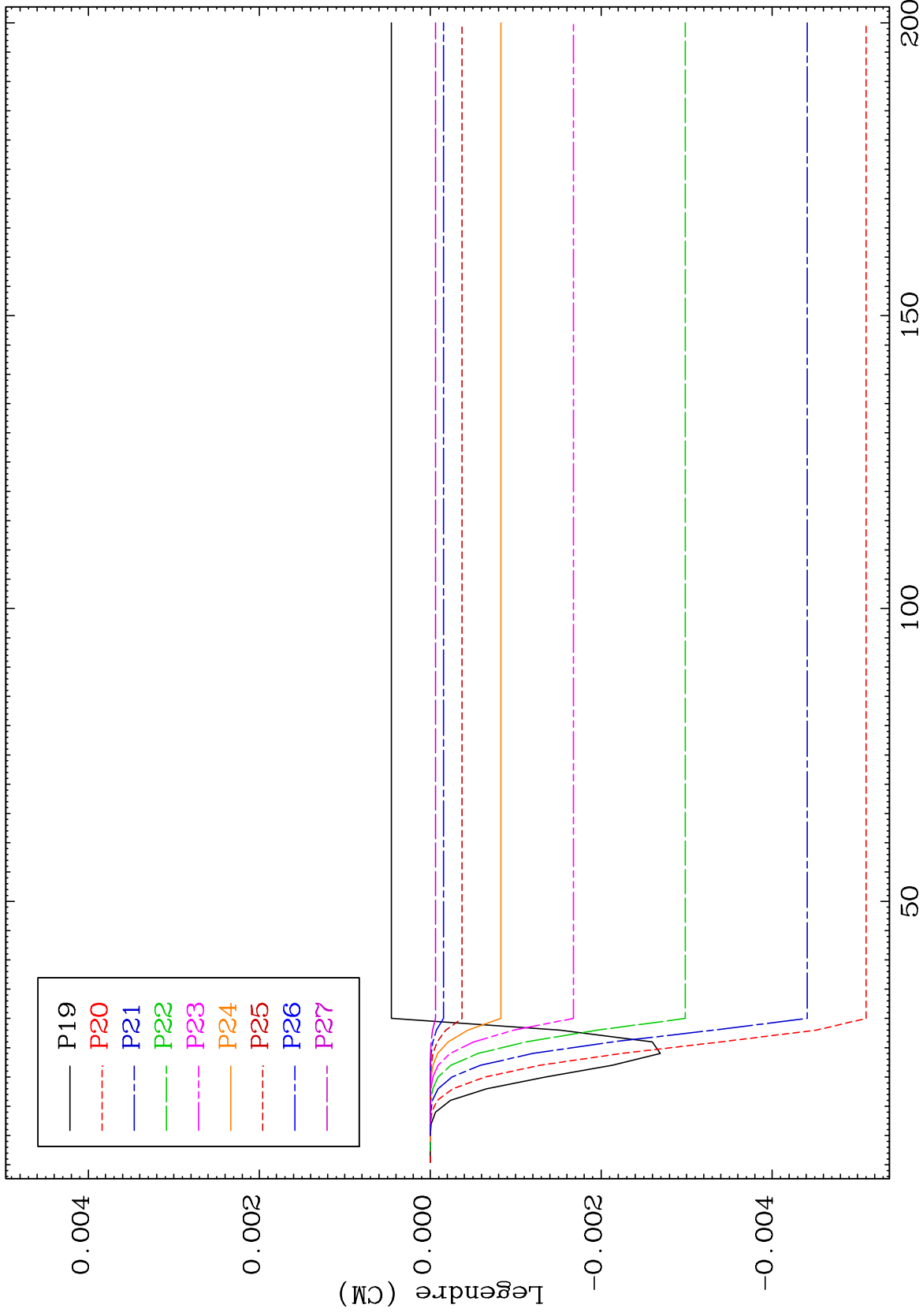
74-W -179

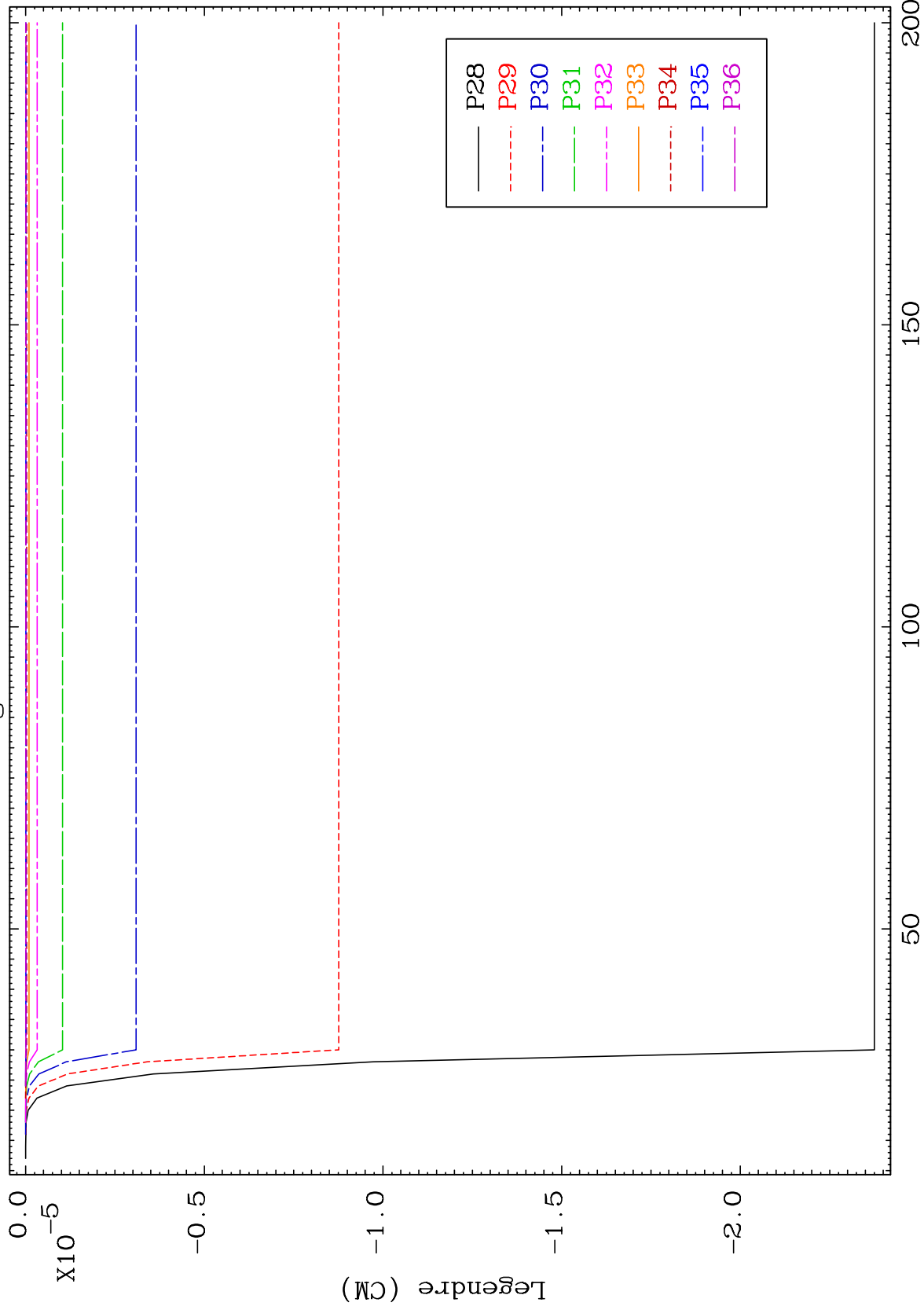


57

Incident Energy (MeV)

74-W -179

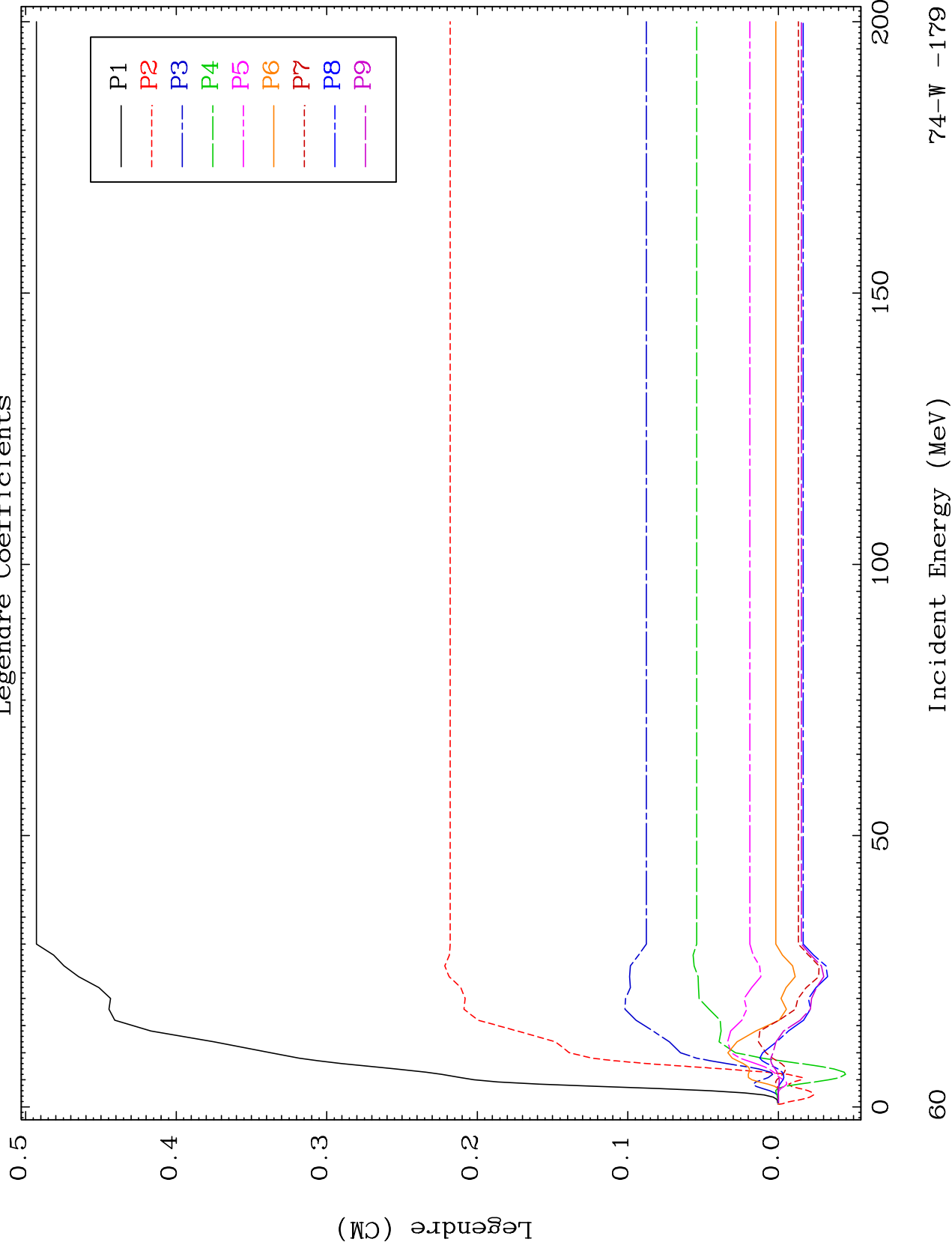




MAT 7422

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

74-W -179



74-W -179

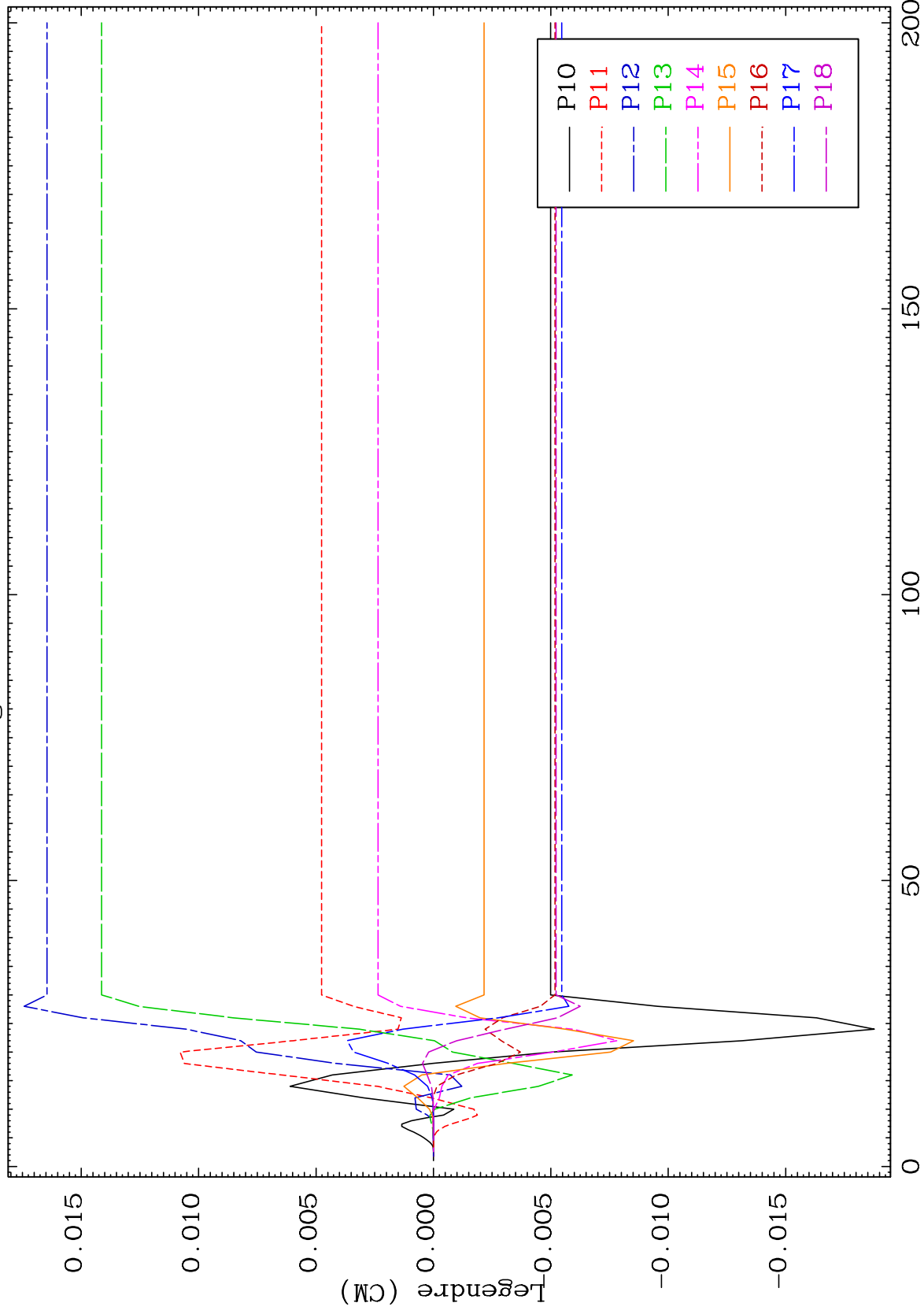
Incident Energy (MeV)

60

MAT 7422

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

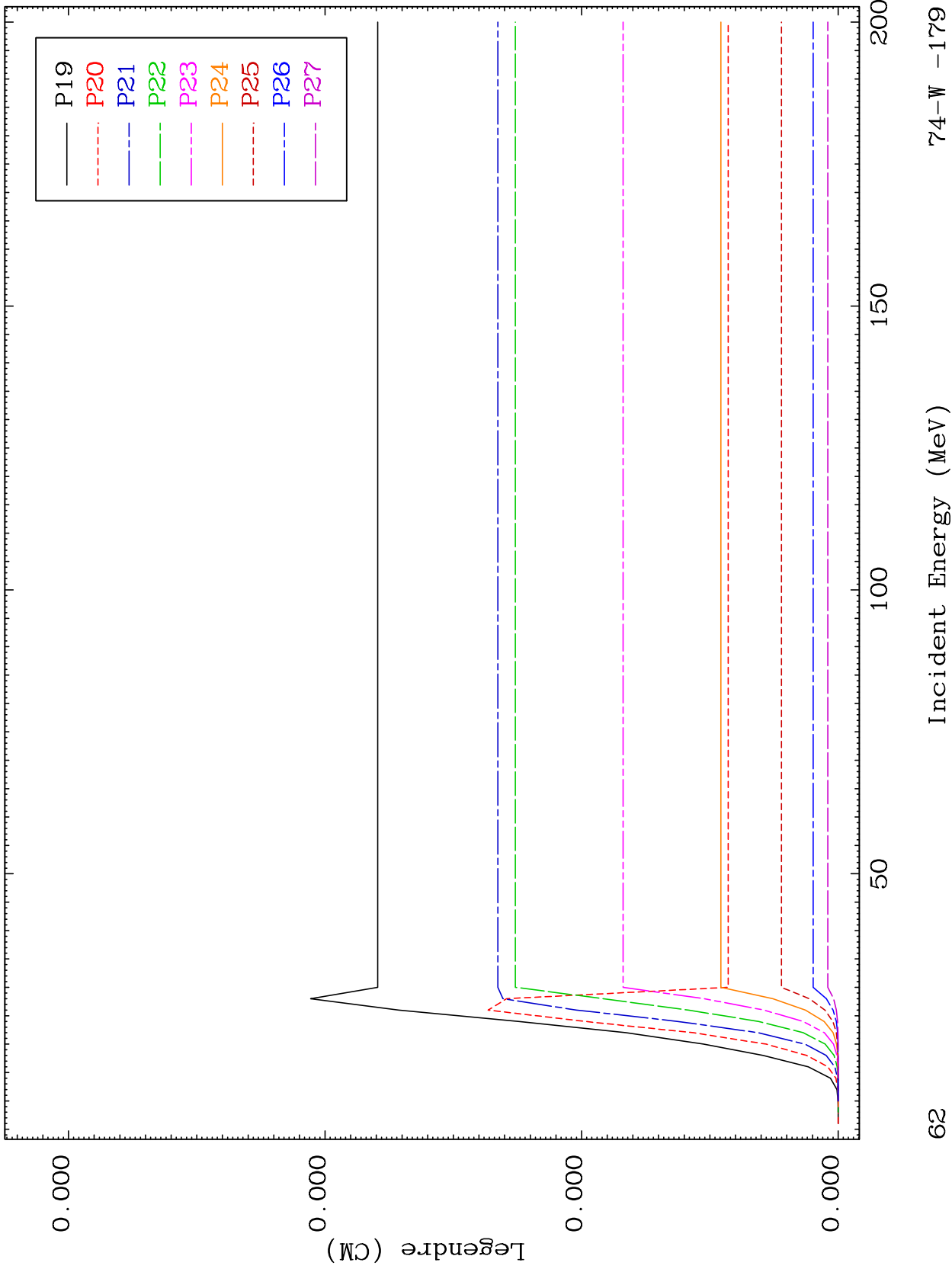
74-W -179

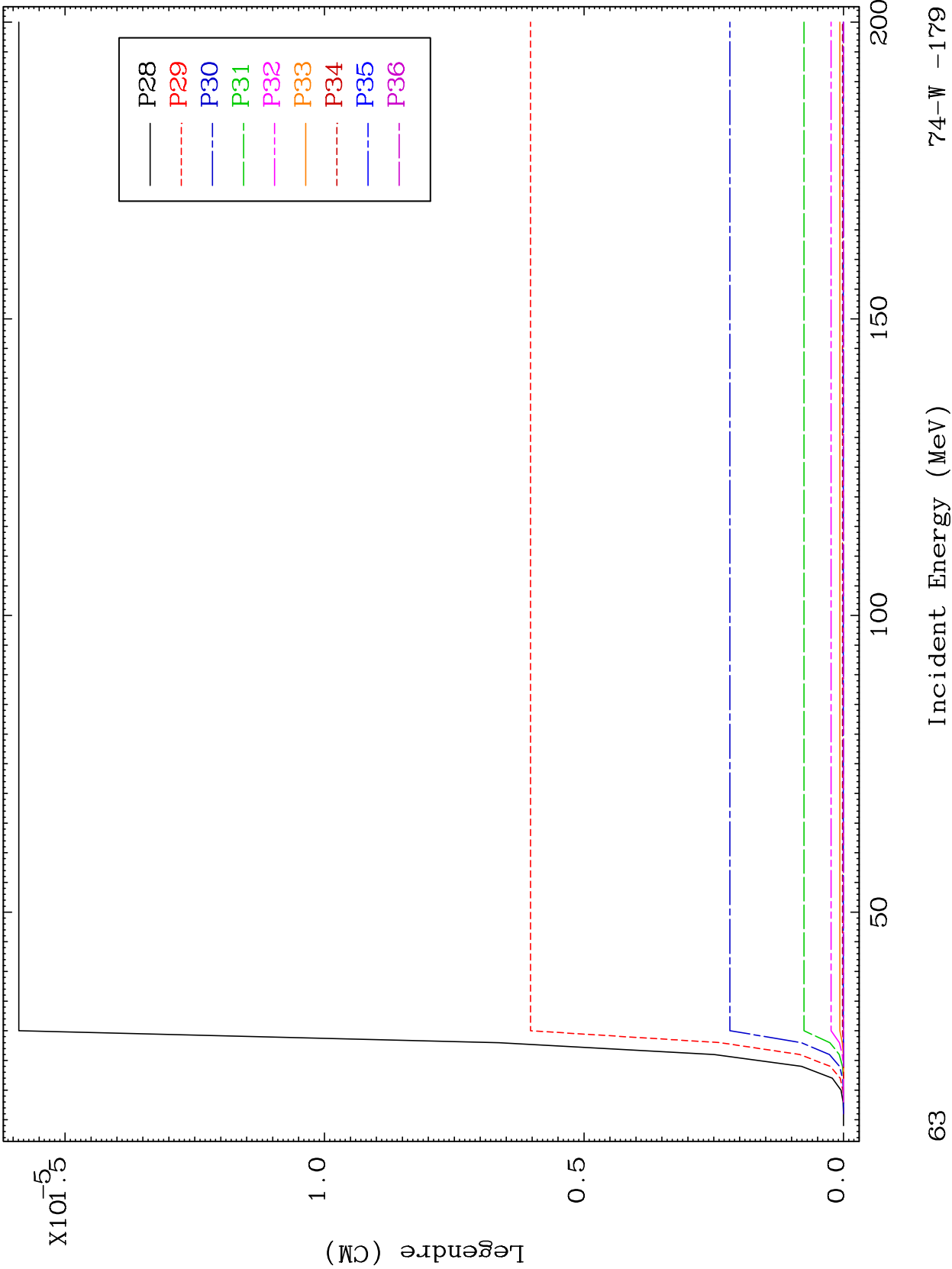


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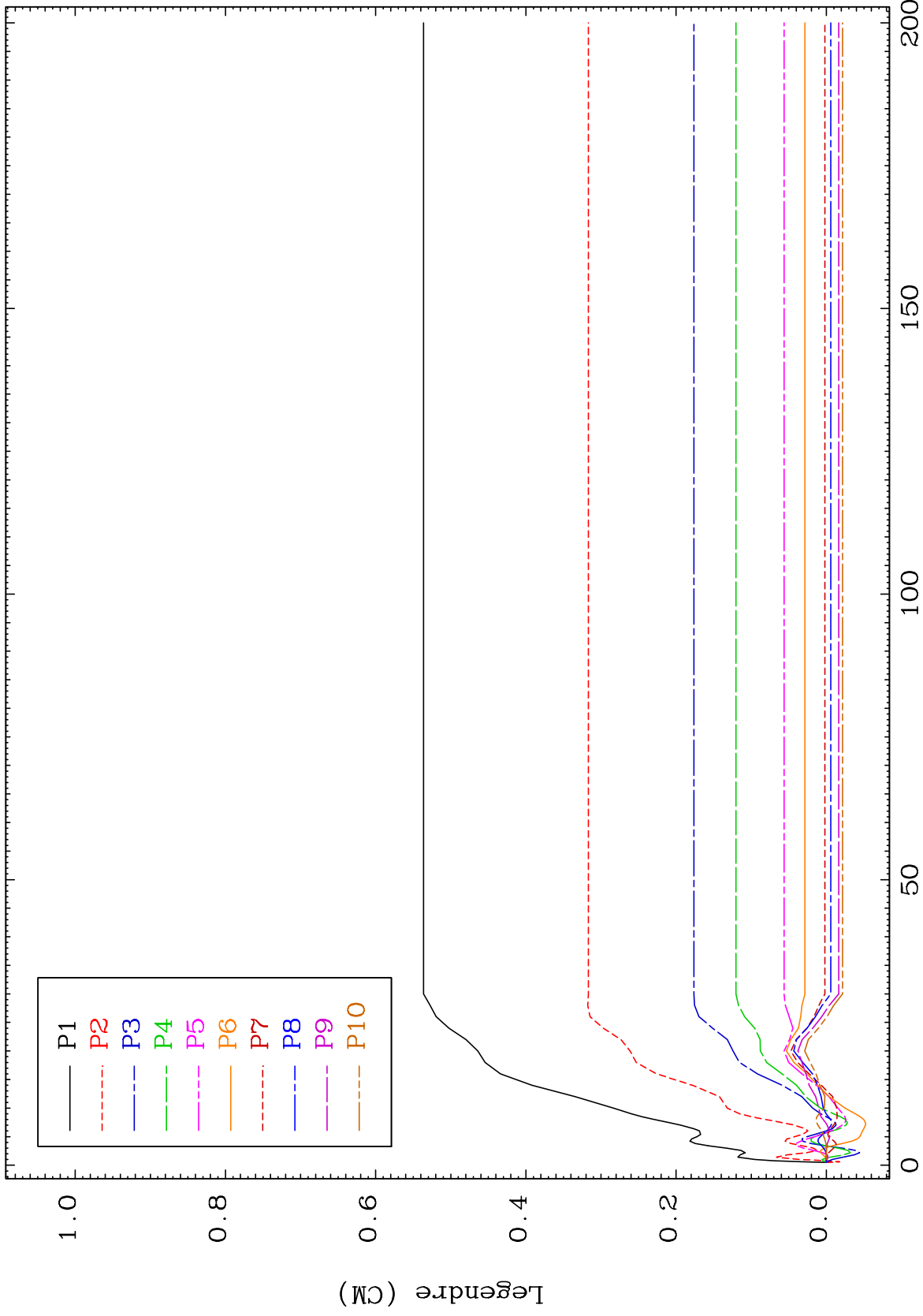
Incident Energy (MeV)

74-W -179





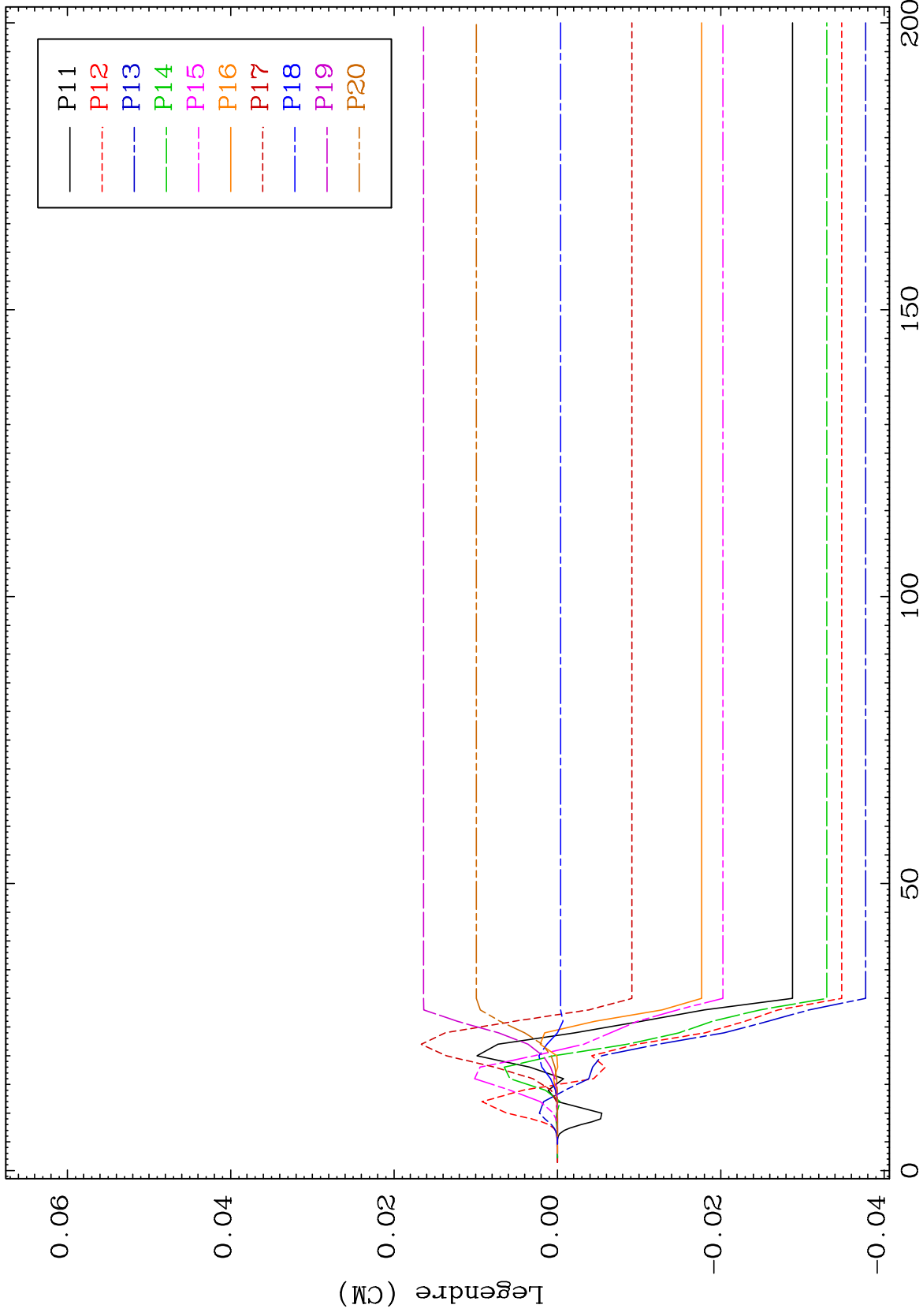




MAT 7422

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

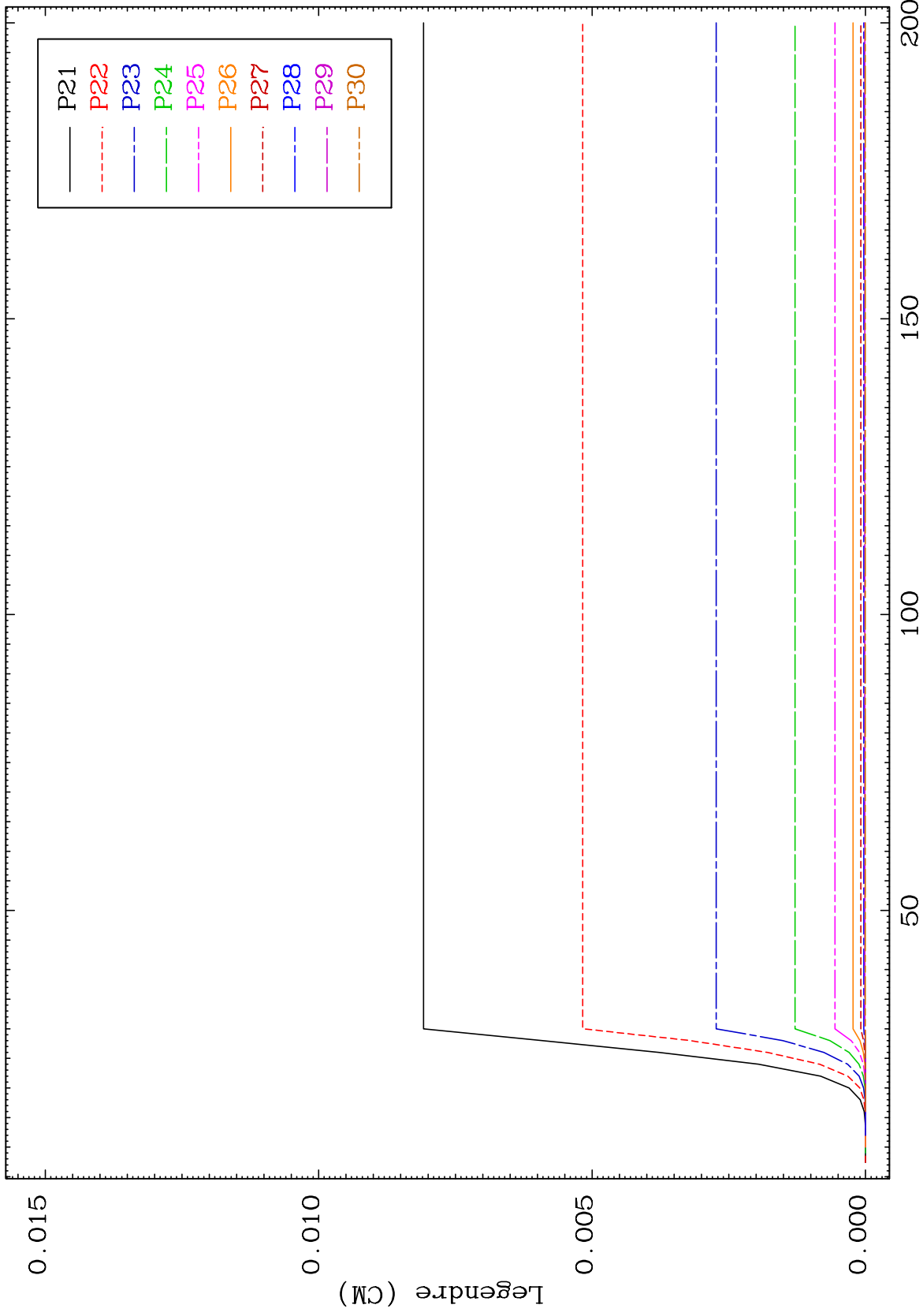
74-W -179

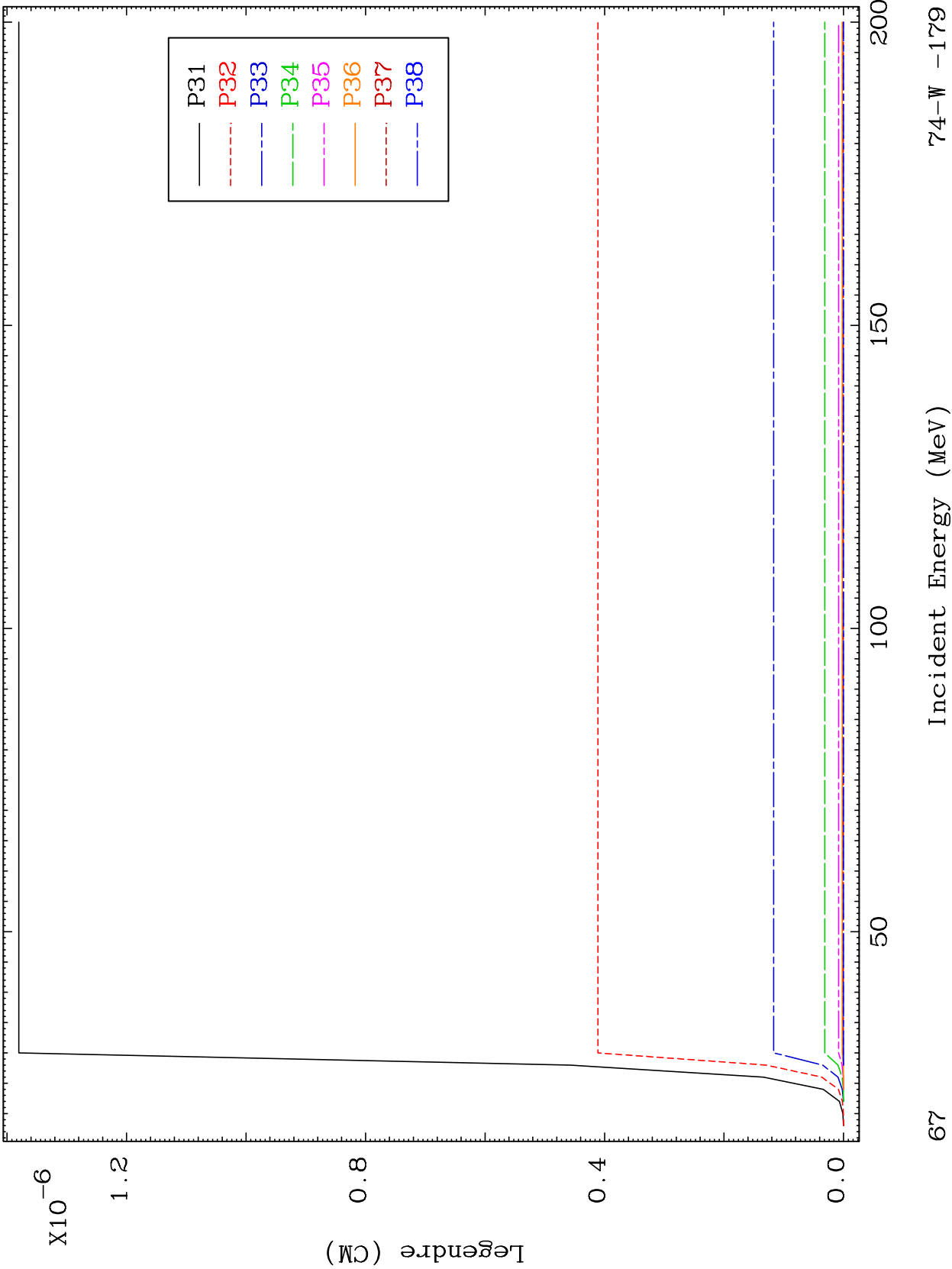


65

Incident Energy (MeV)

74-W -179

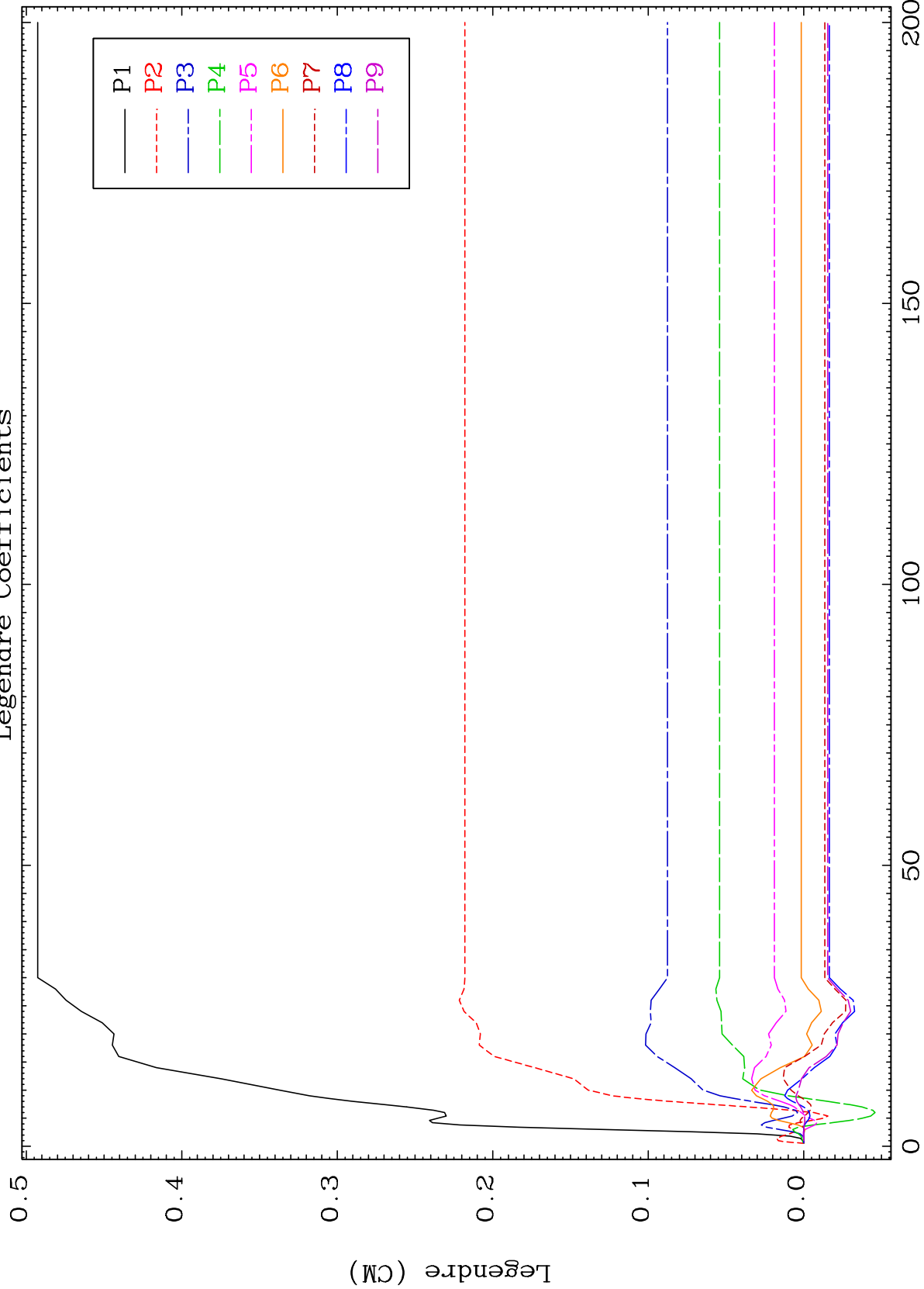




MAT 7422

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

74-W -179



74-W -179

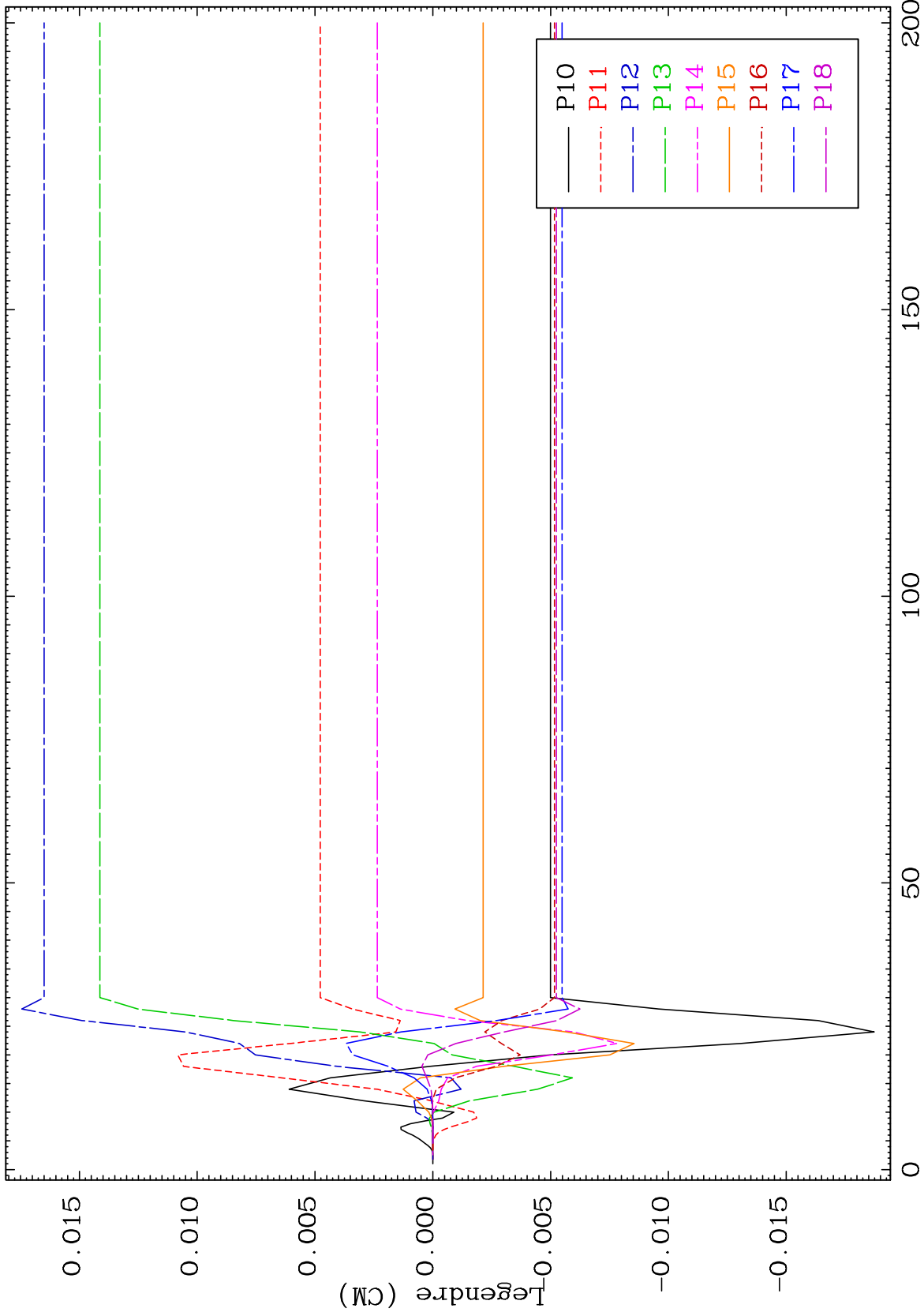
Incident Energy (MeV)

68

MAT 7422

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

74-W -179



69

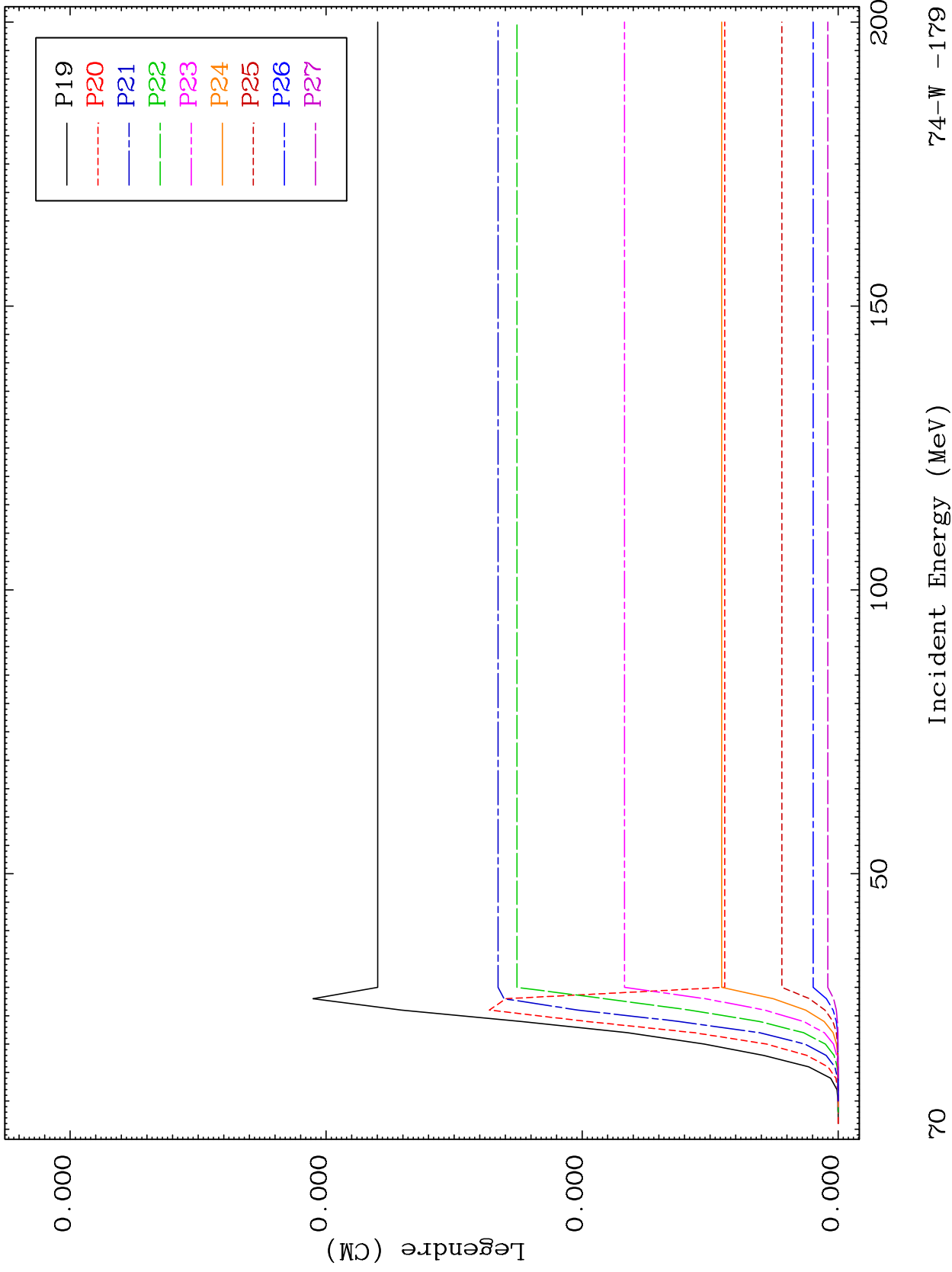
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



70

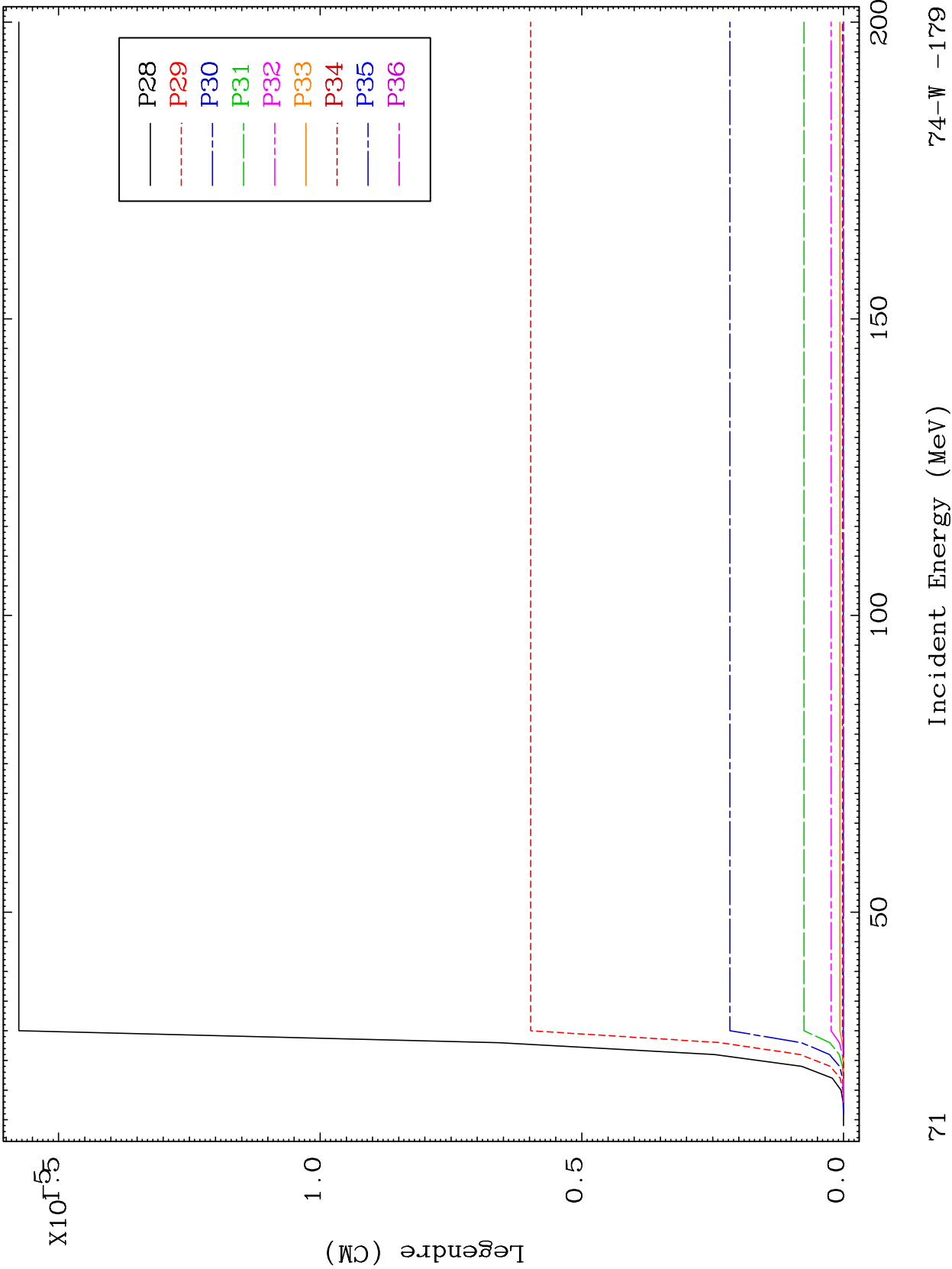
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



71

Incident Energy (MeV)

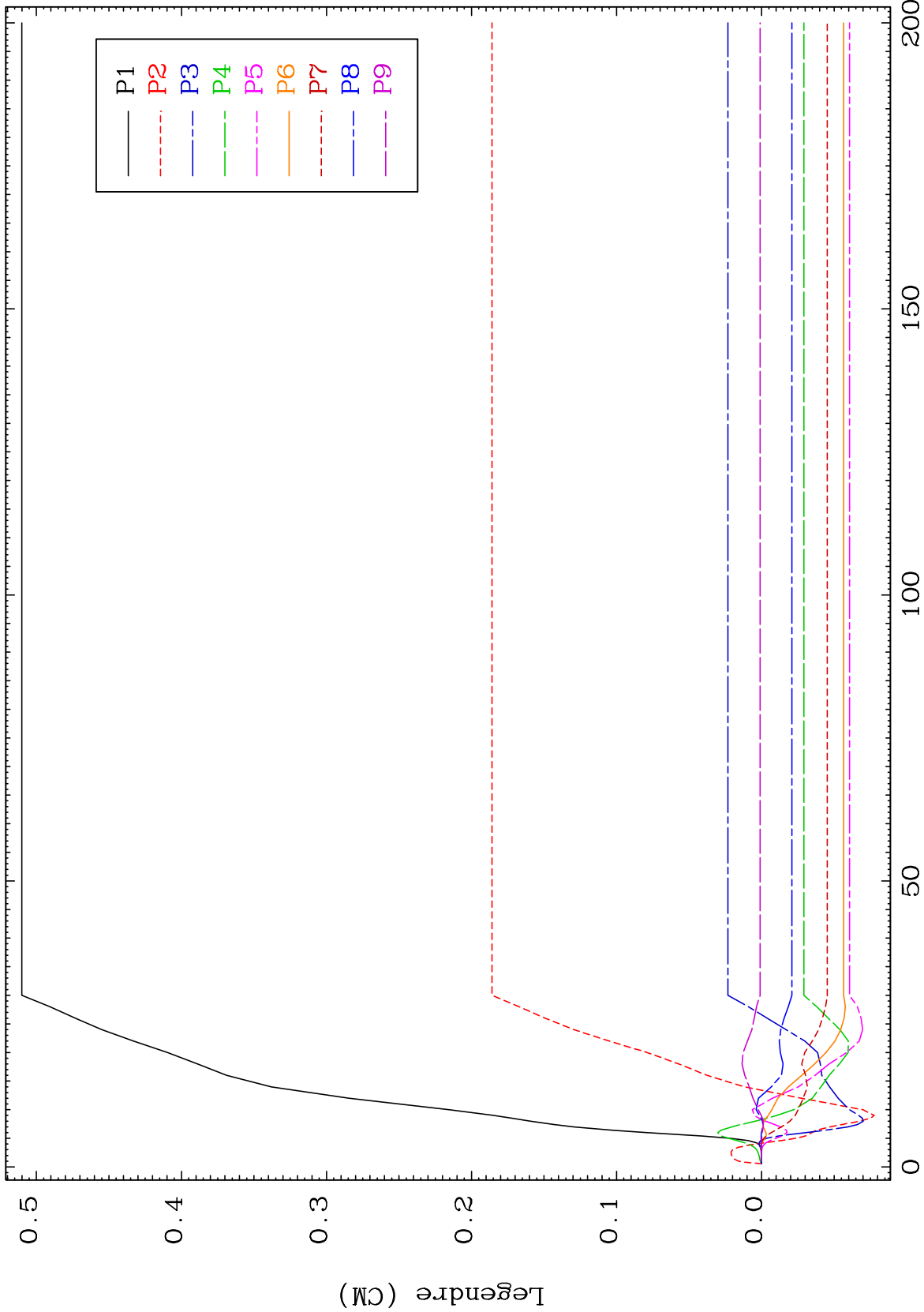
74-W -179



MAT 7422

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

74-W -179



72

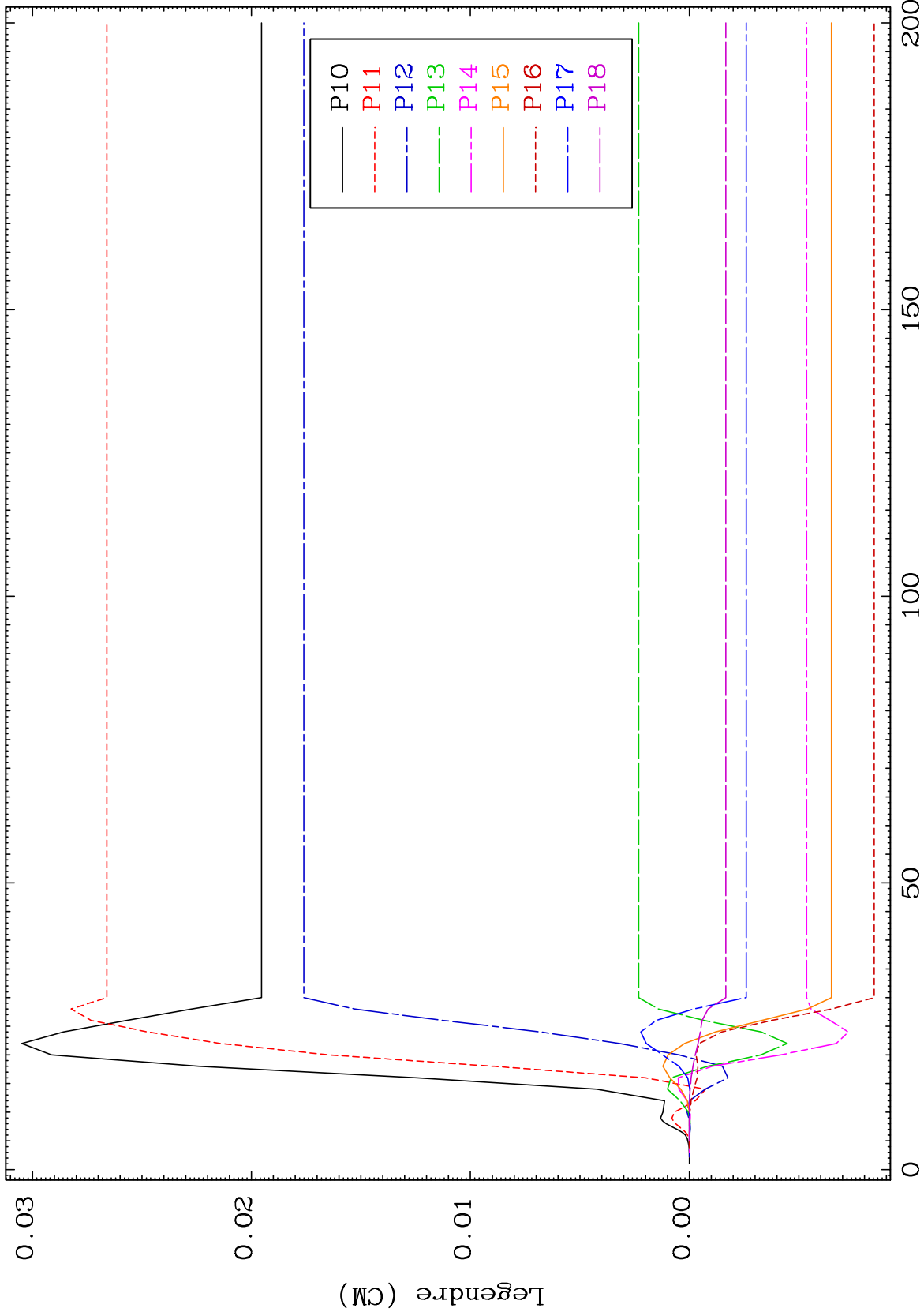
Incident Energy (MeV)

74-W -179

MAT 7422

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

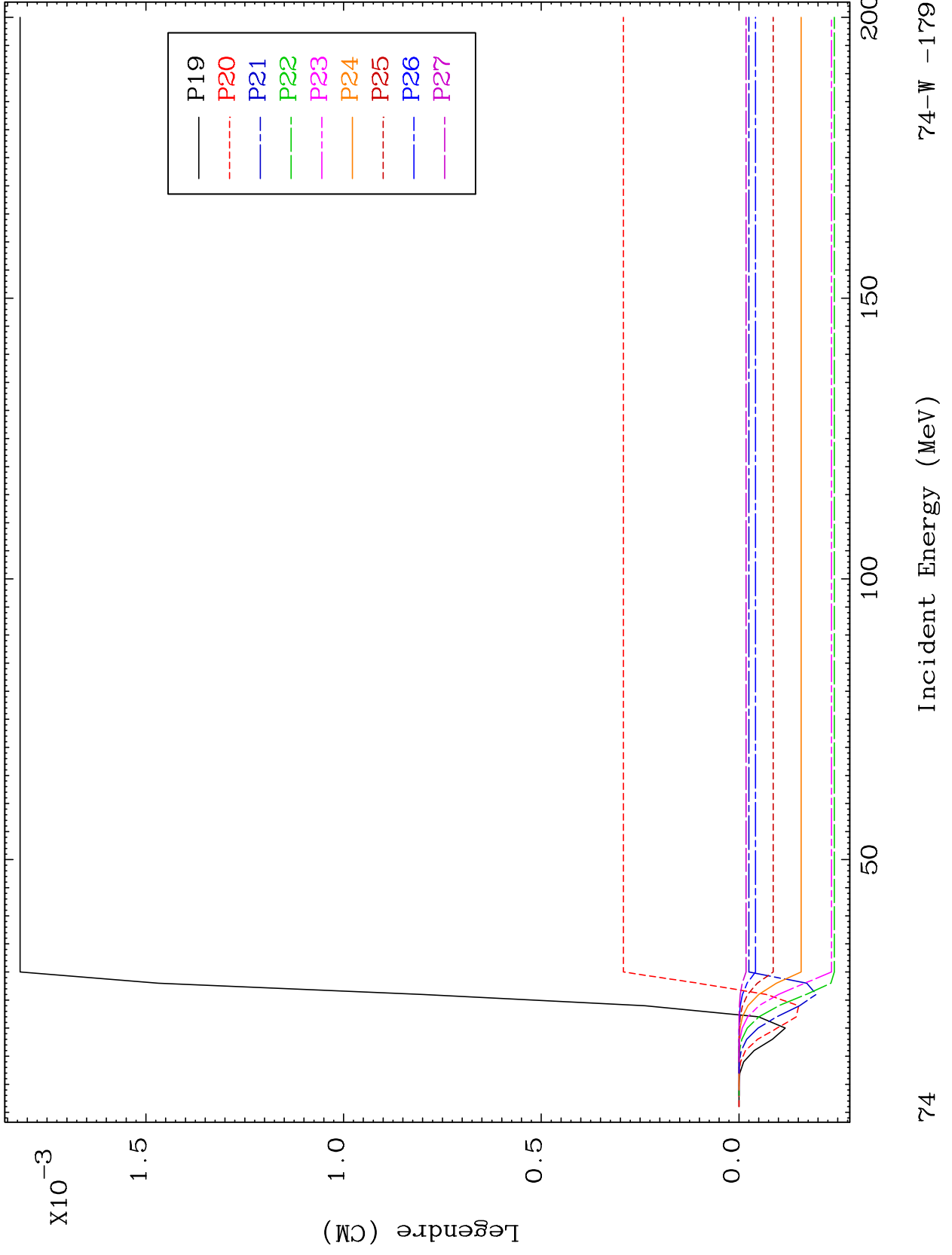
74-W -179



73

Incident Energy (MeV)

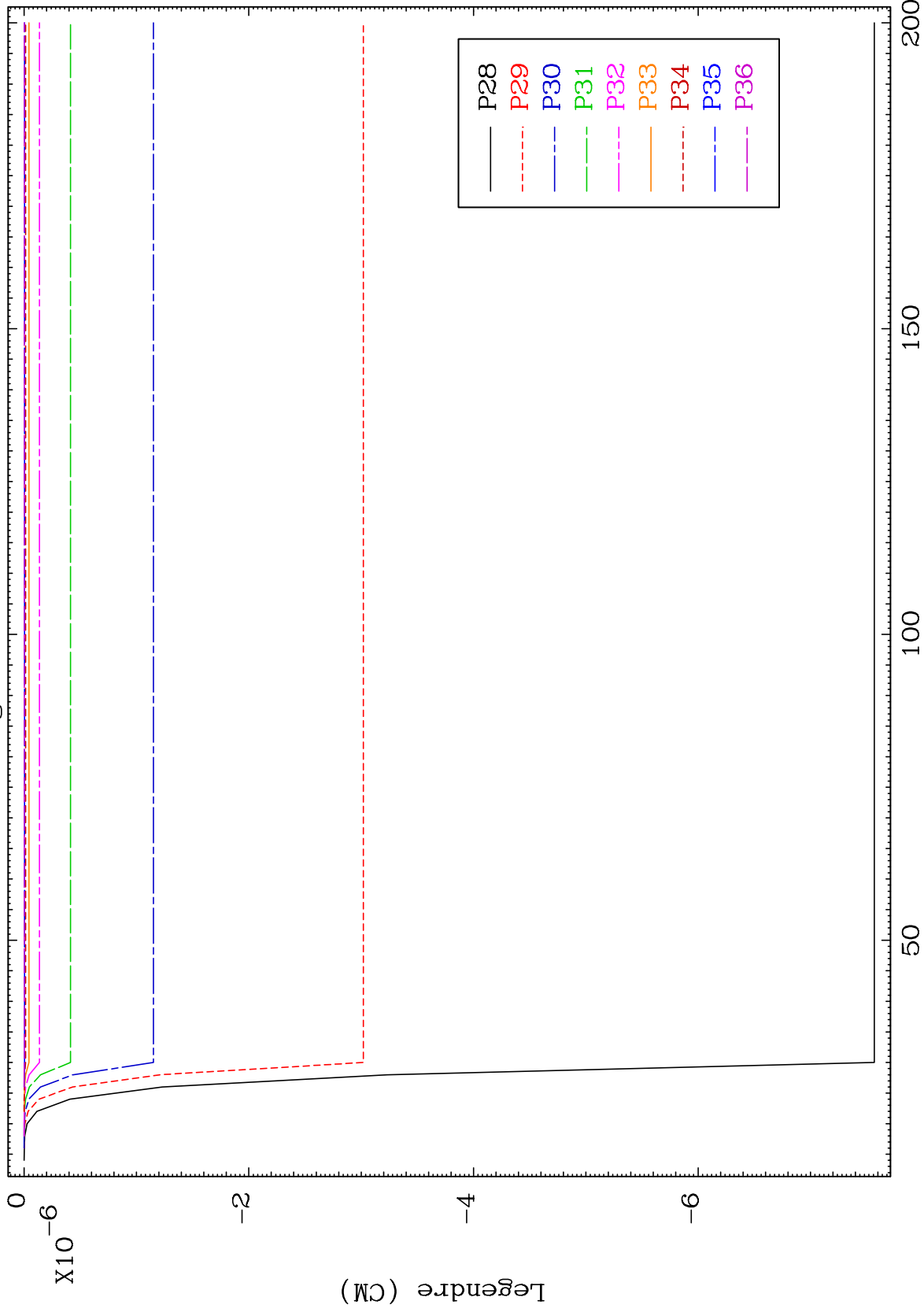
74-W -179



MAT 7422

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

74-W -179



75

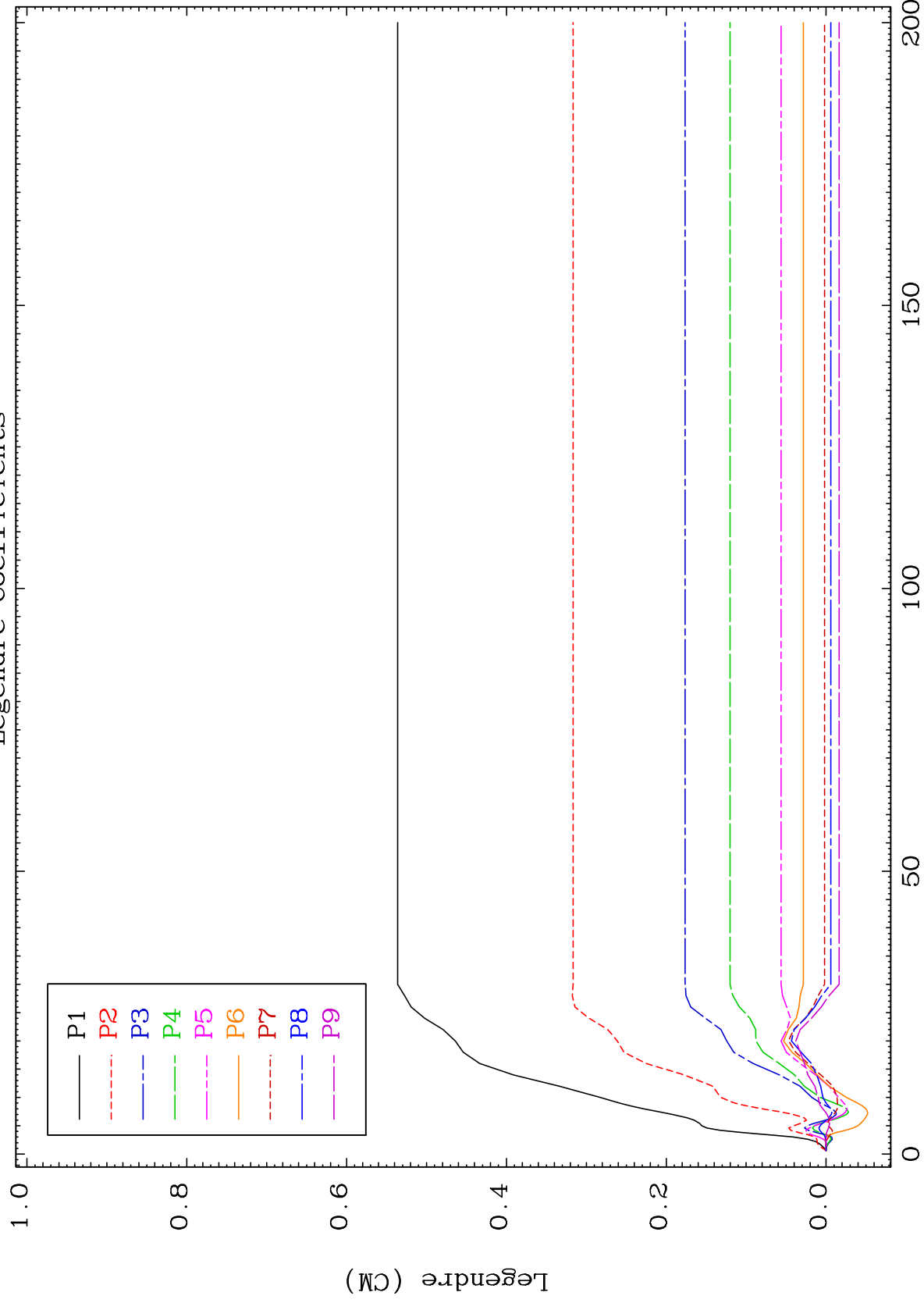
Incident Energy (MeV)

74-W -179

MAT 7422

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

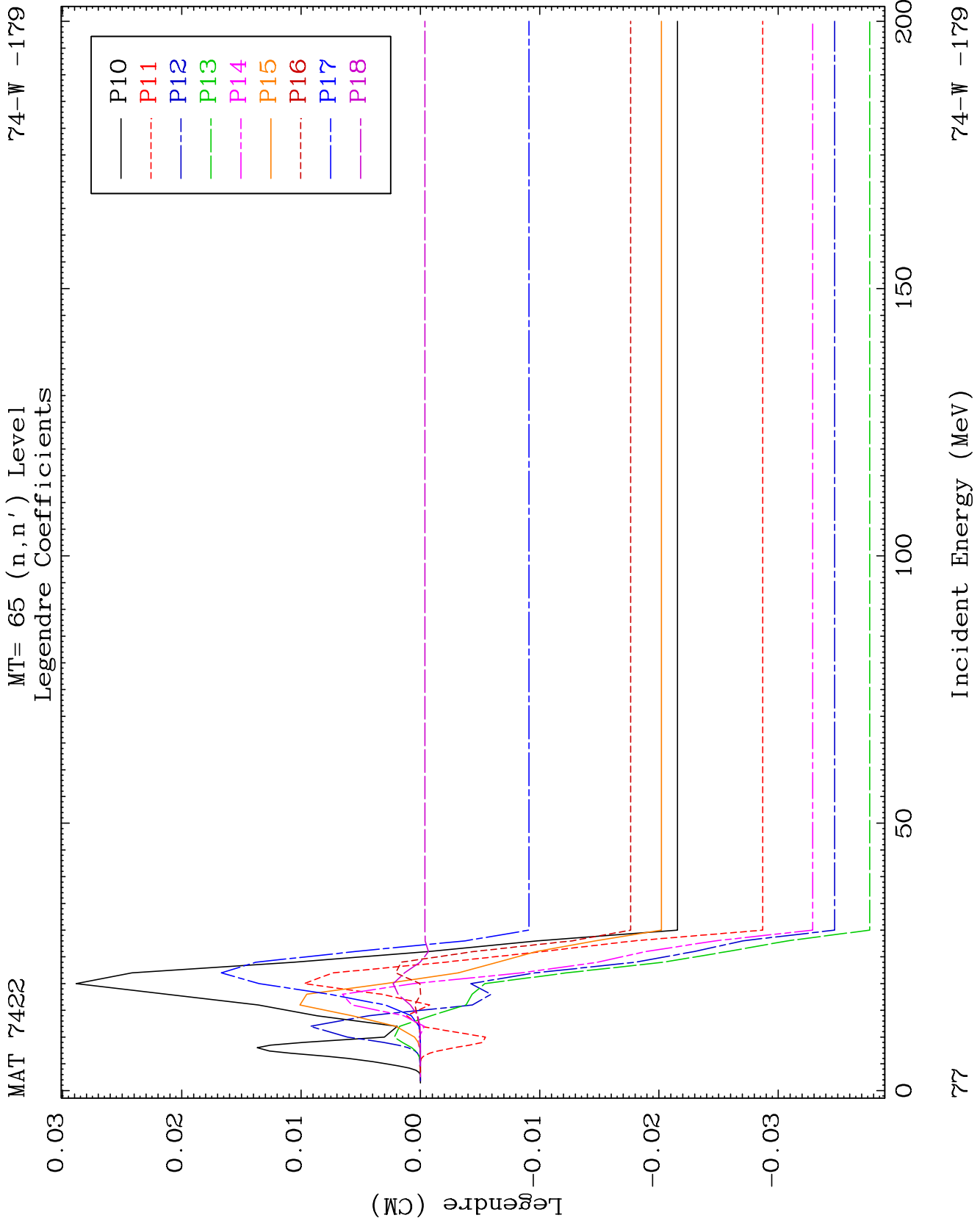
74-W -179



76

Incident Energy (MeV)

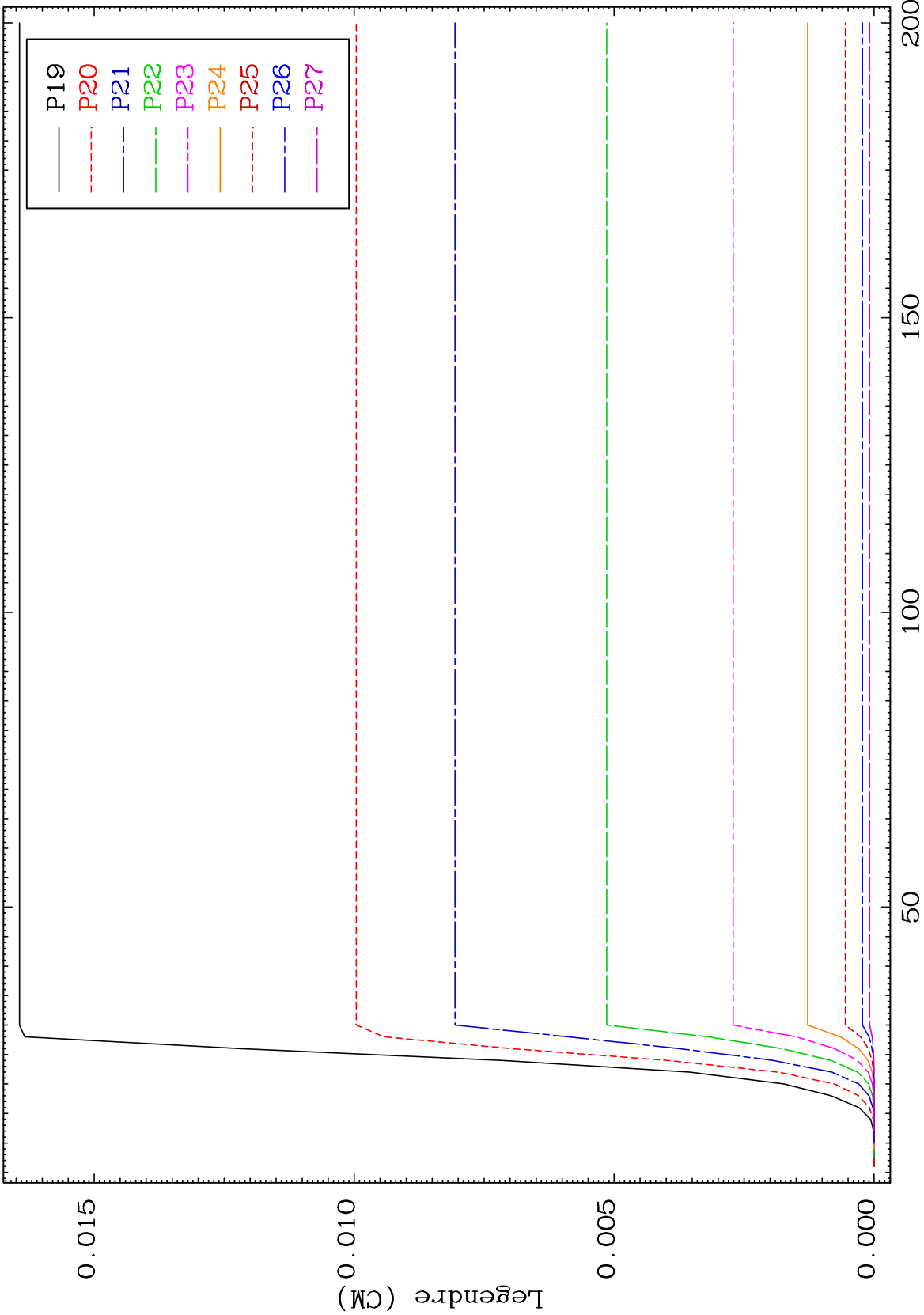
74-W -179



MAT 7422

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

74-W -179



78

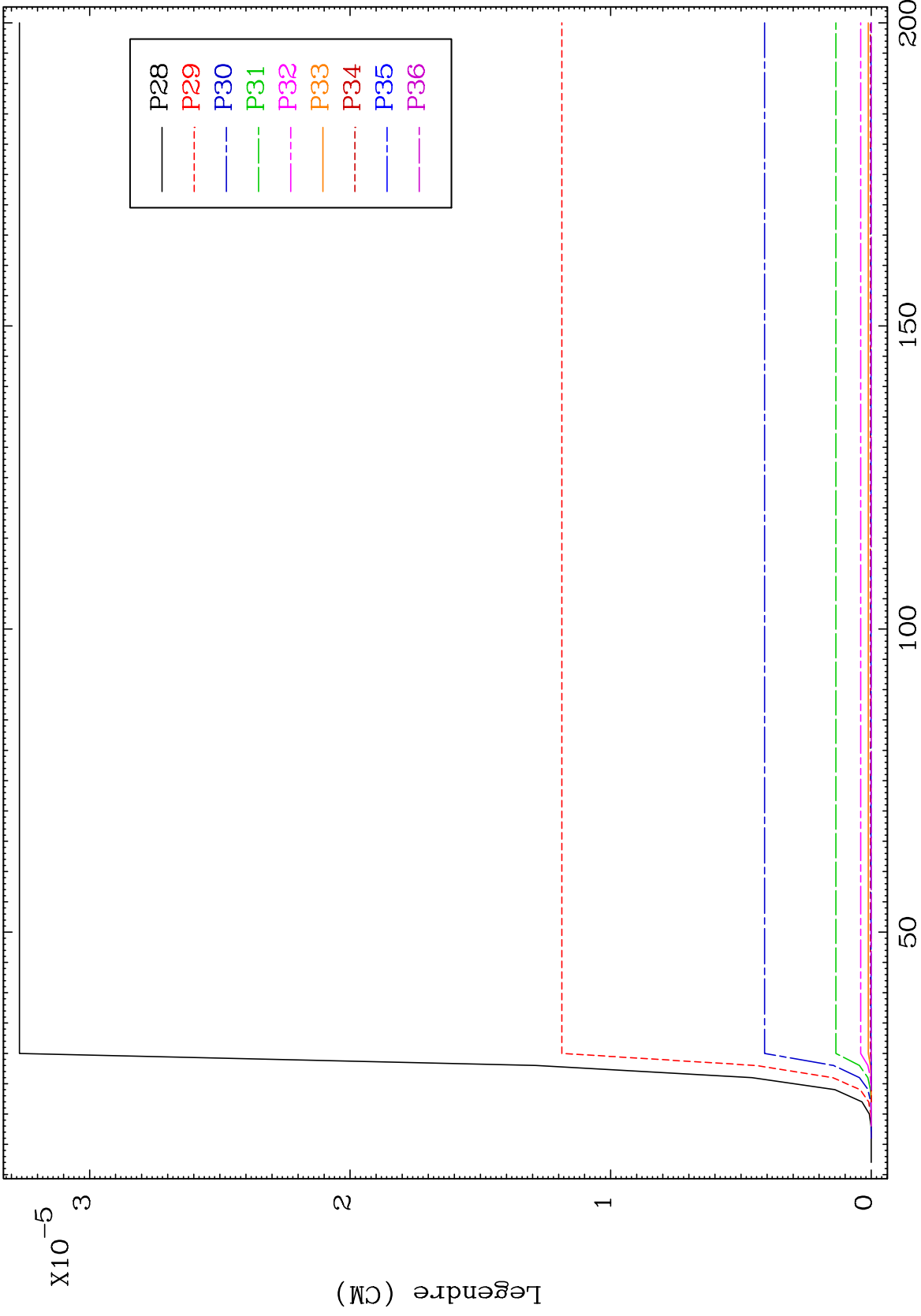
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



79

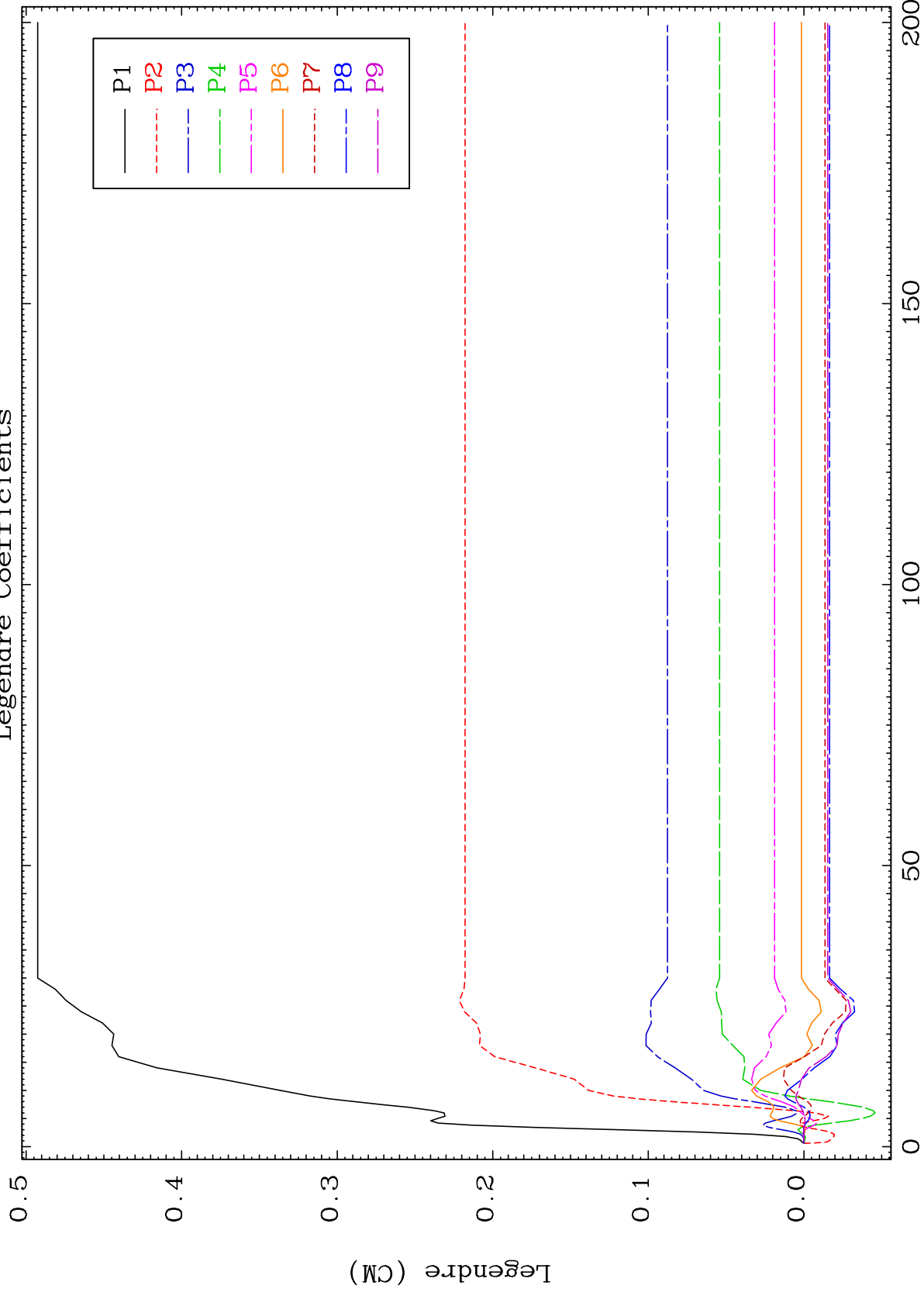
74-W -179



MAT 7422

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

74-W -179



74-W -179

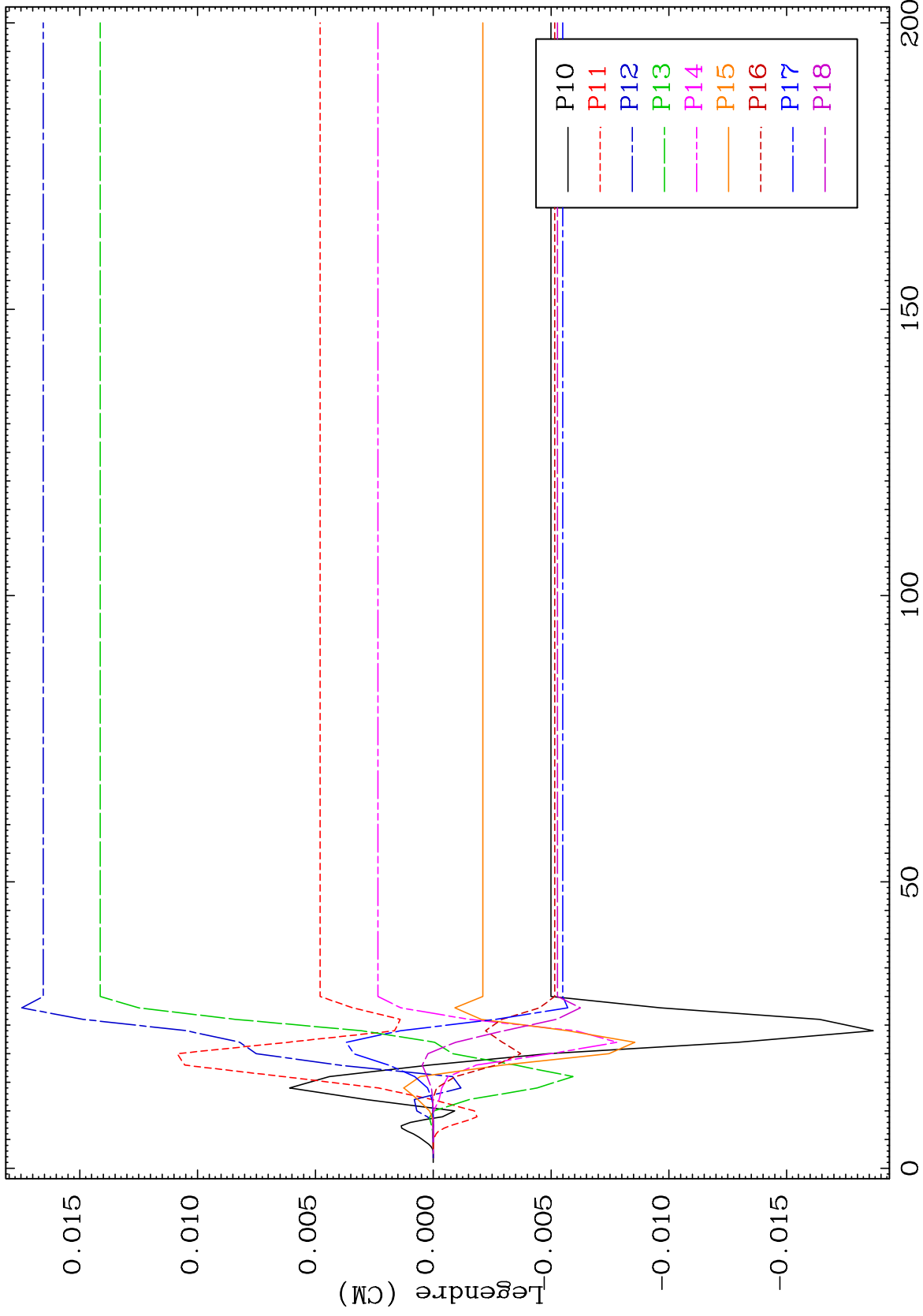
Incident Energy (MeV)

80

MAT 7422

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

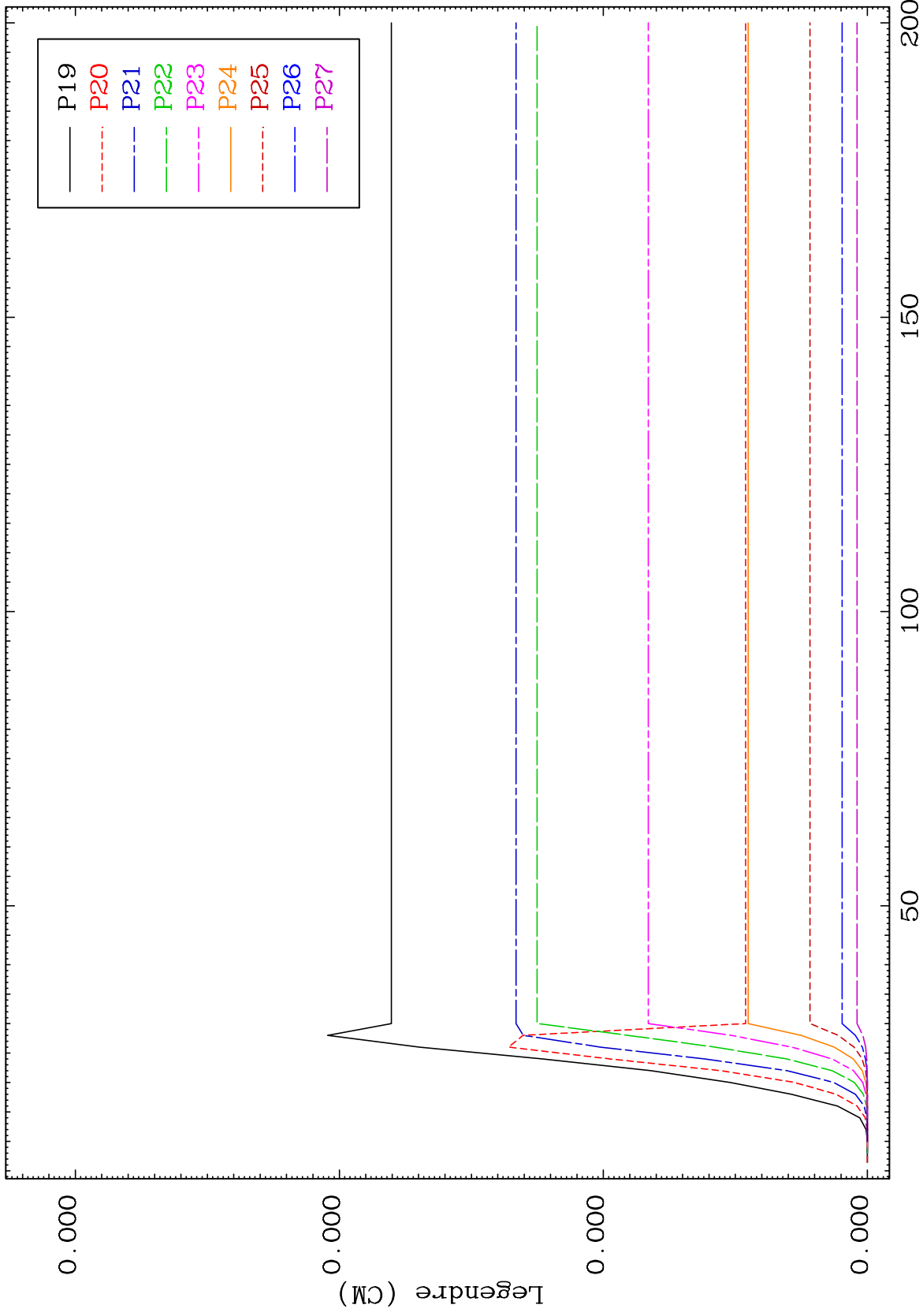
74-W -179

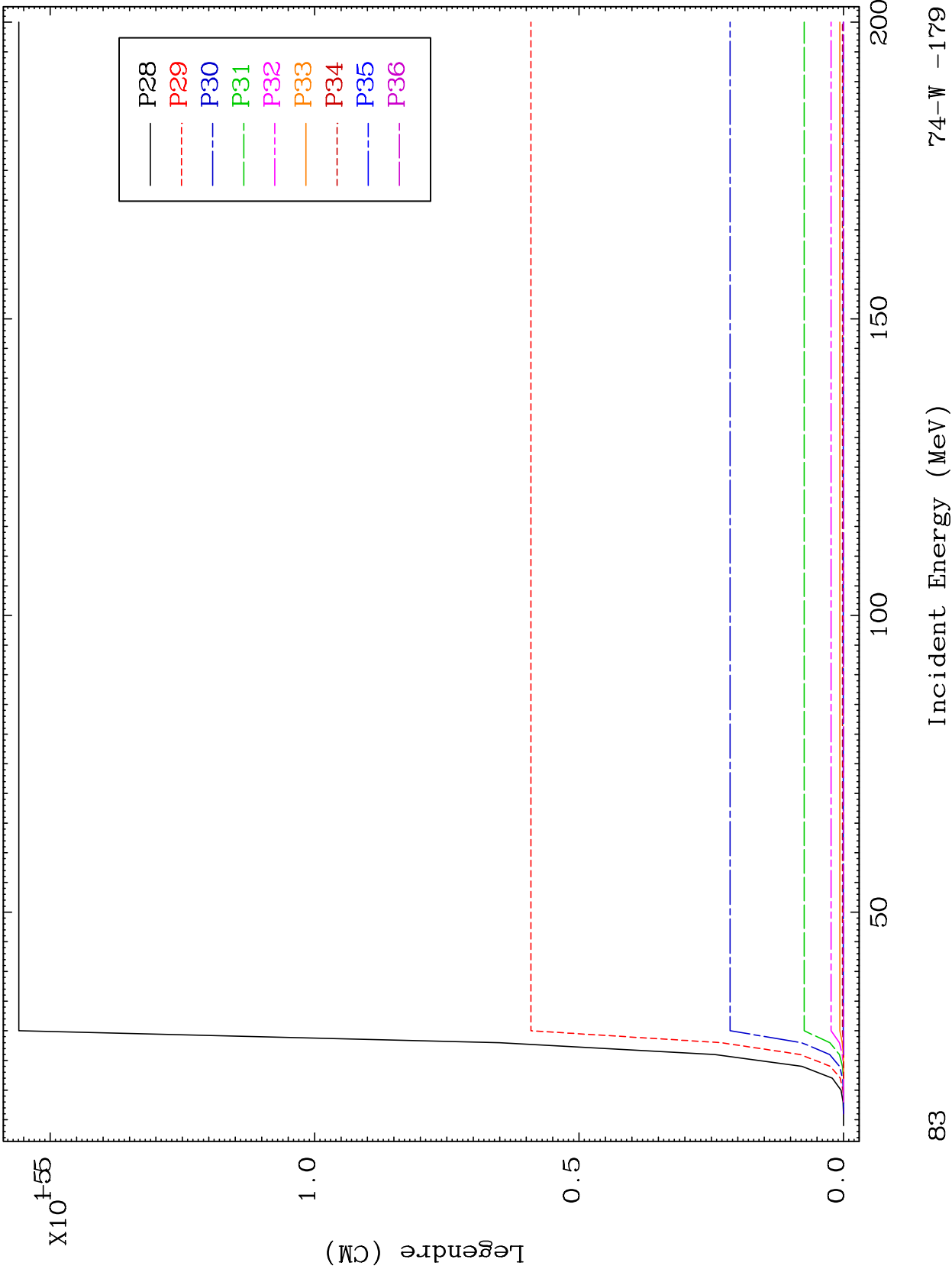


81

Incident Energy (MeV)

74-W -179



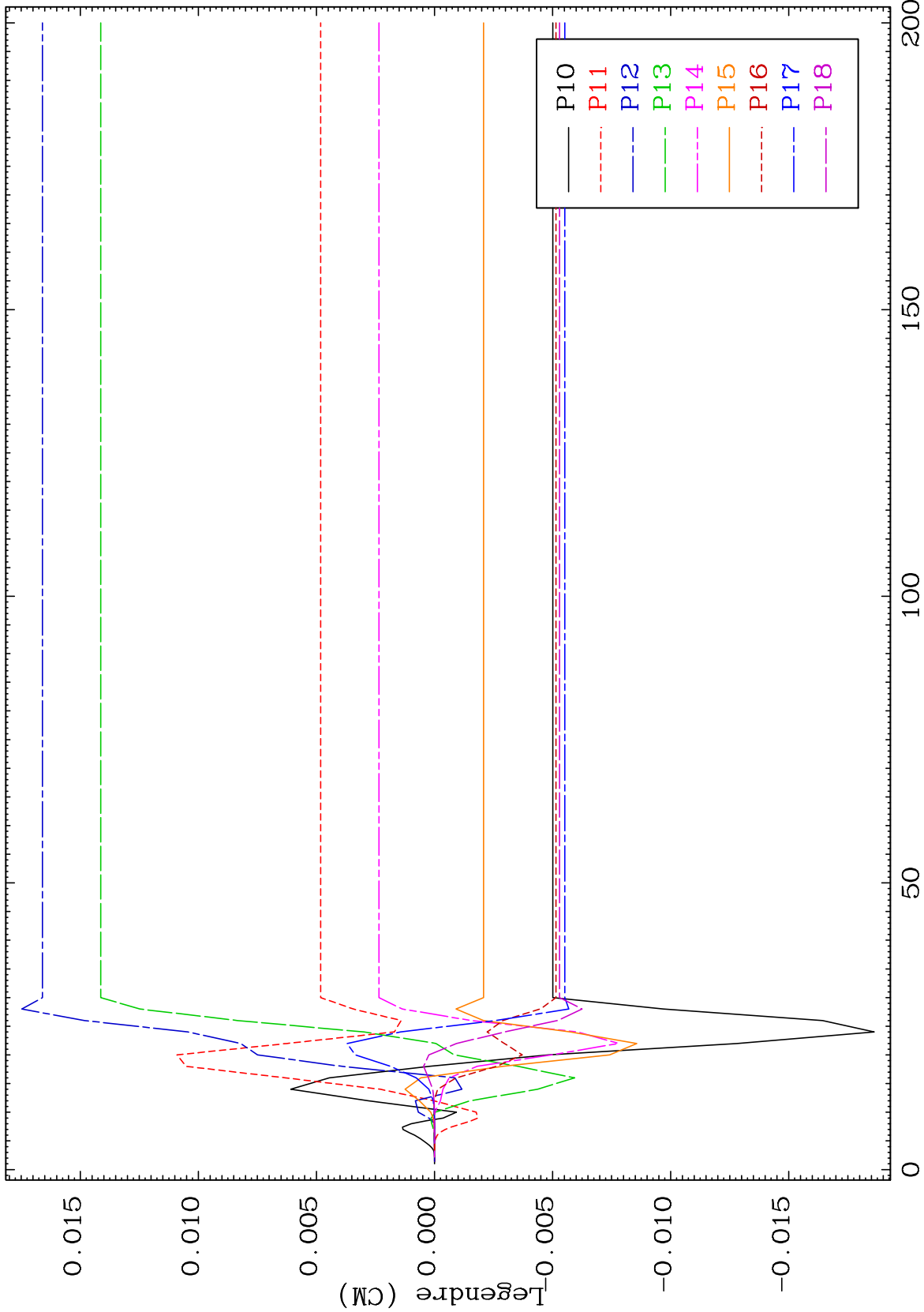




MAT 7422

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

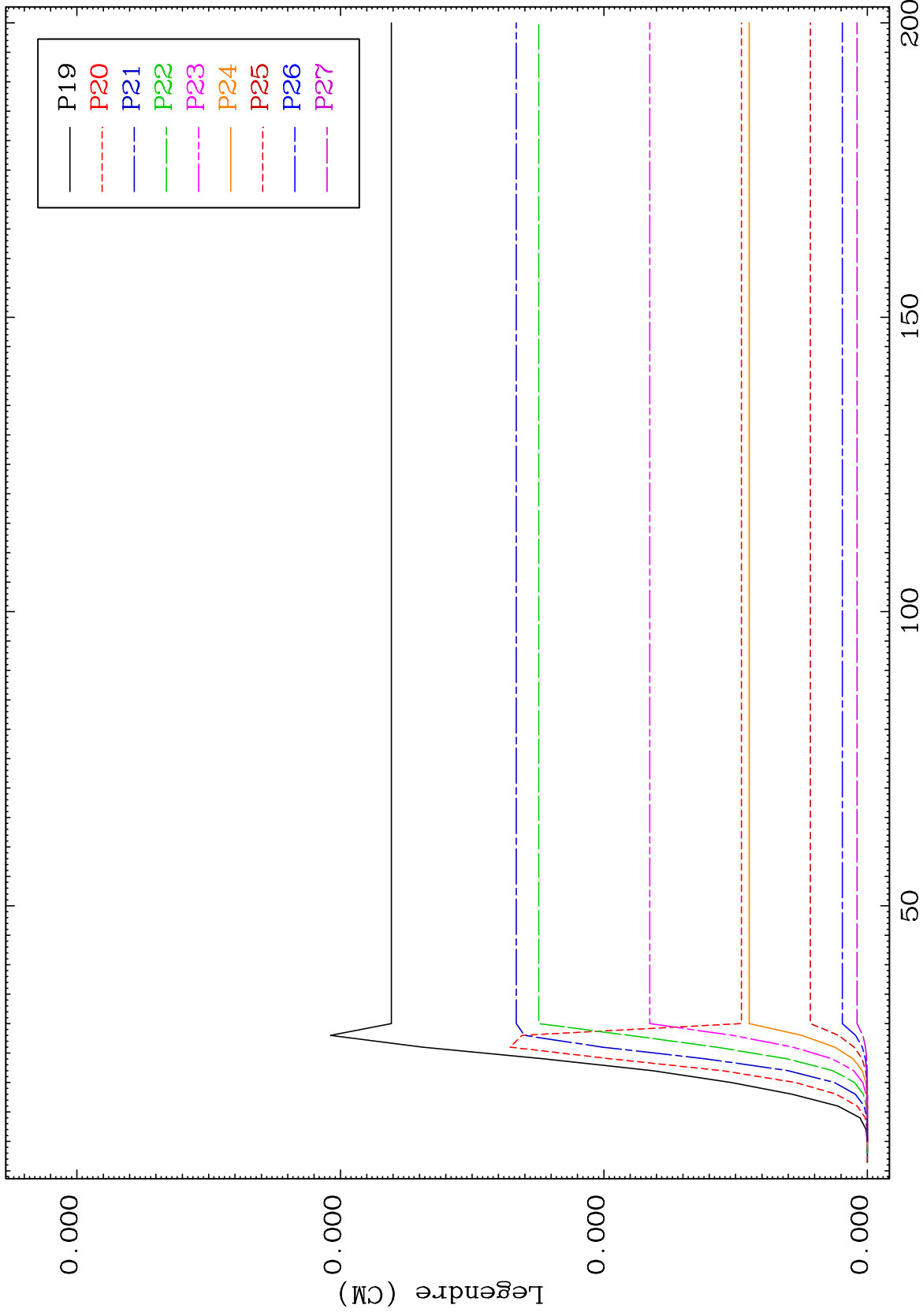
74-W -179

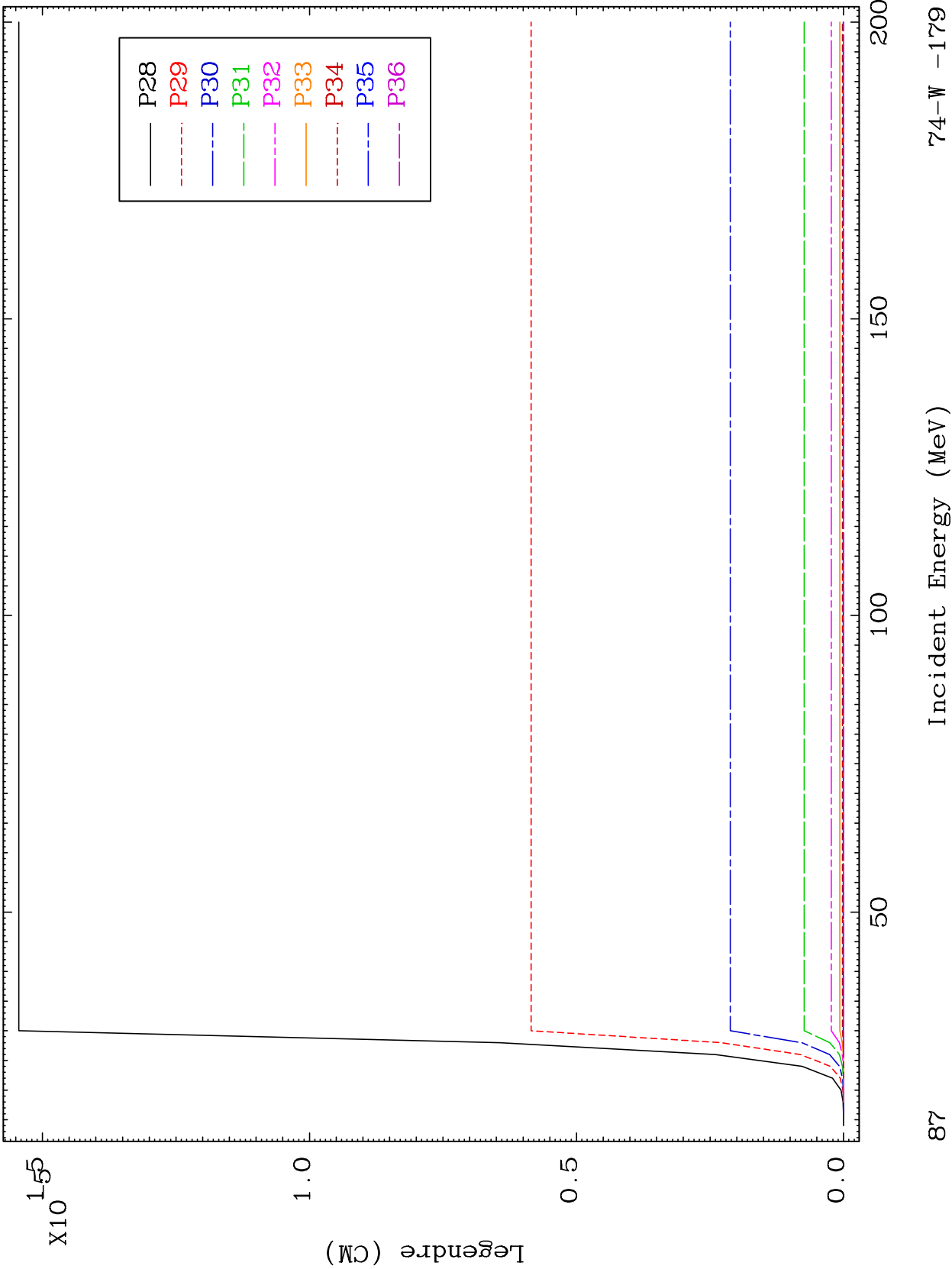


85

Incident Energy (MeV)

74-W -179



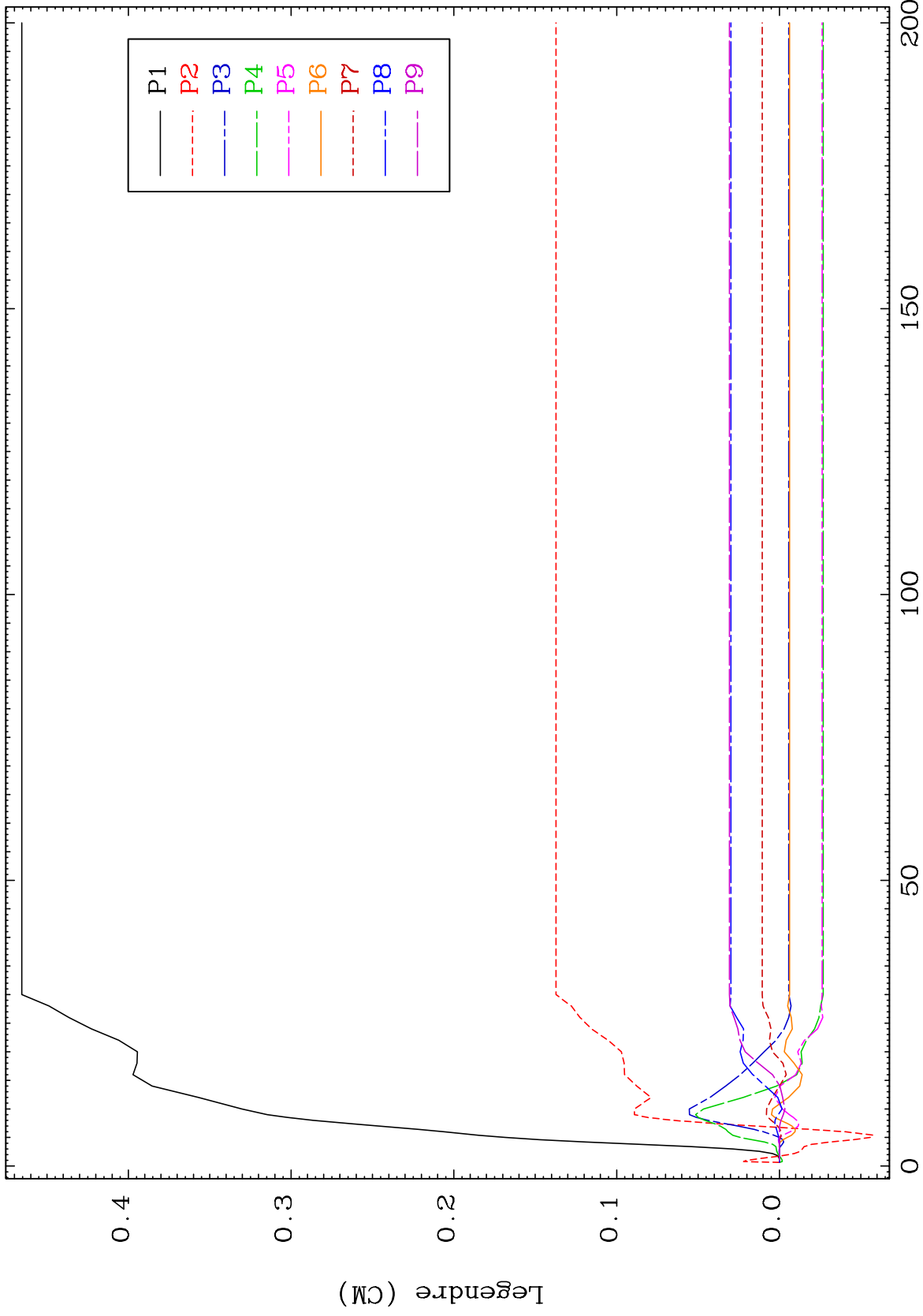




MAT 7422

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

74-W -179



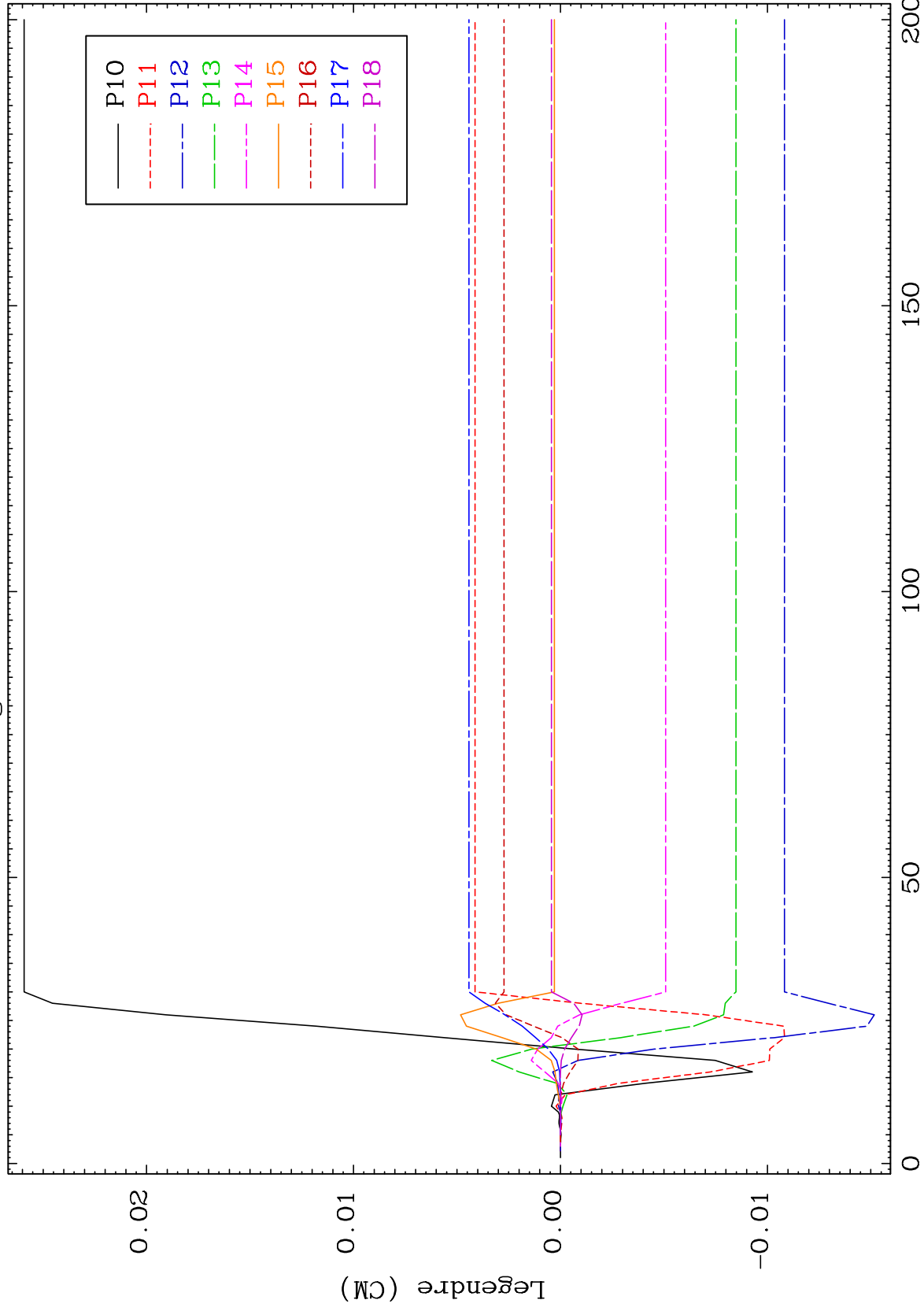
88

74-W -179

MAT 7422

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

74-W -179



89

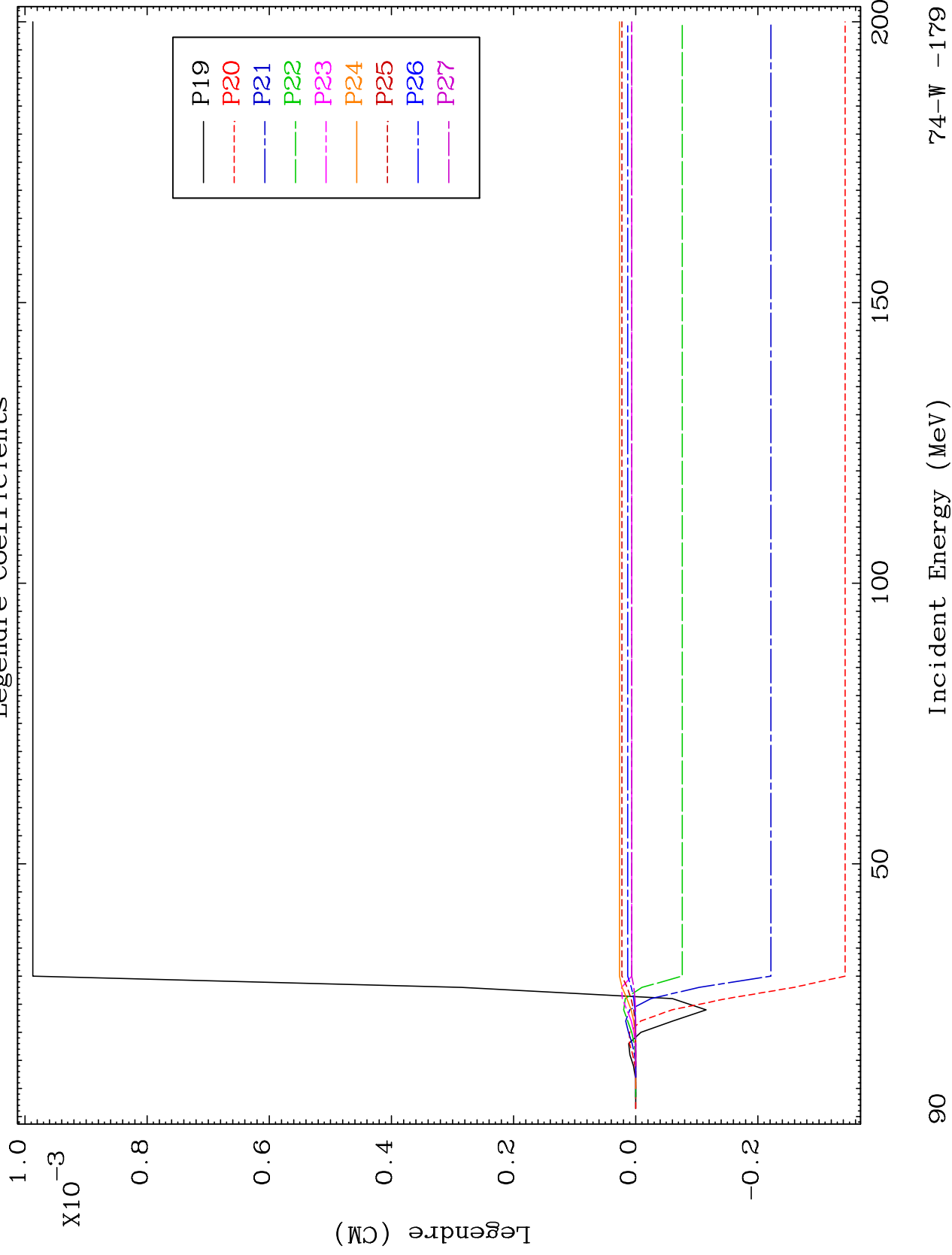
Incident Energy (MeV)

74-W -179

MAT 7422

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

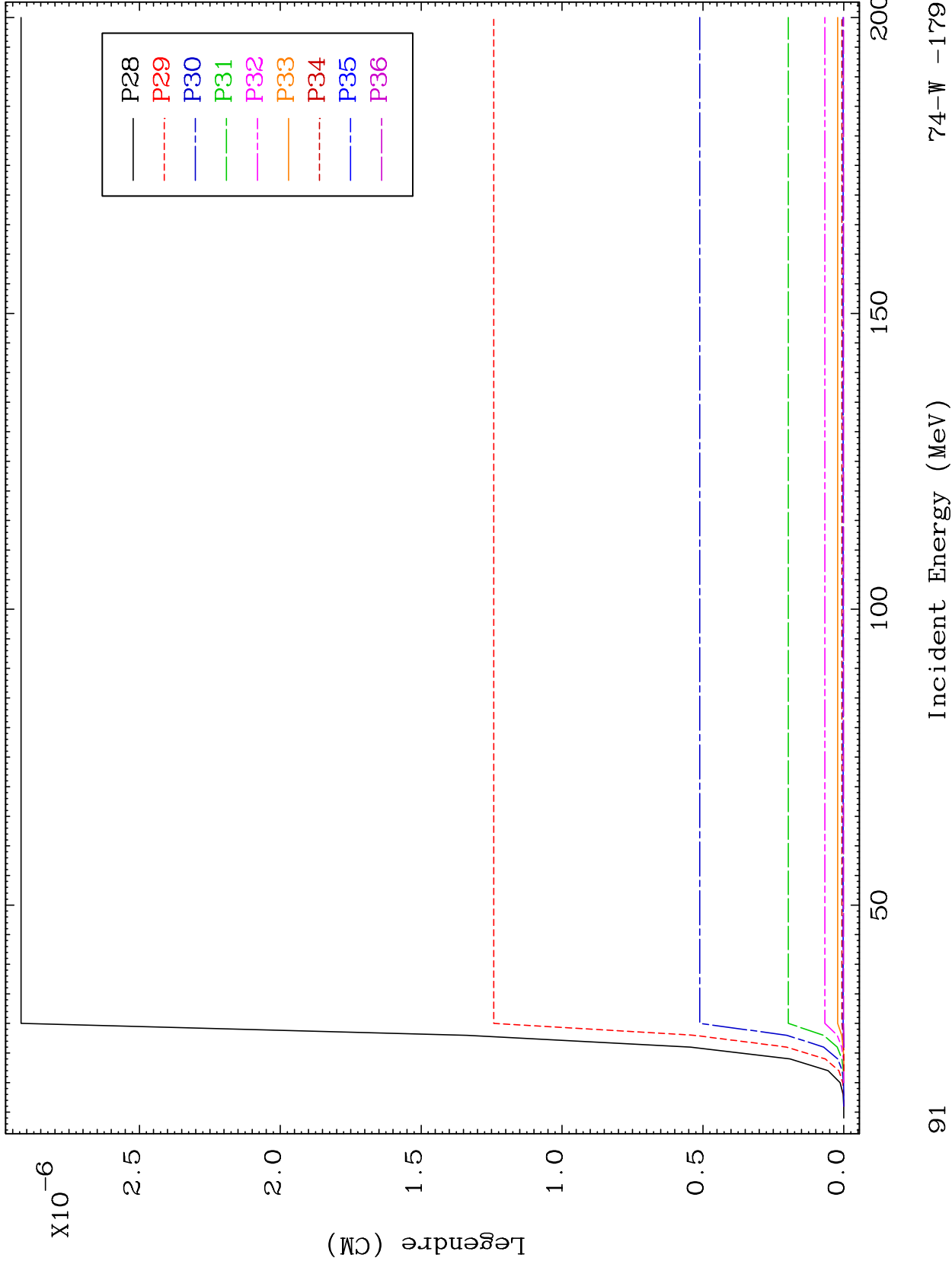
74-W -179



90

Incident Energy (MeV)

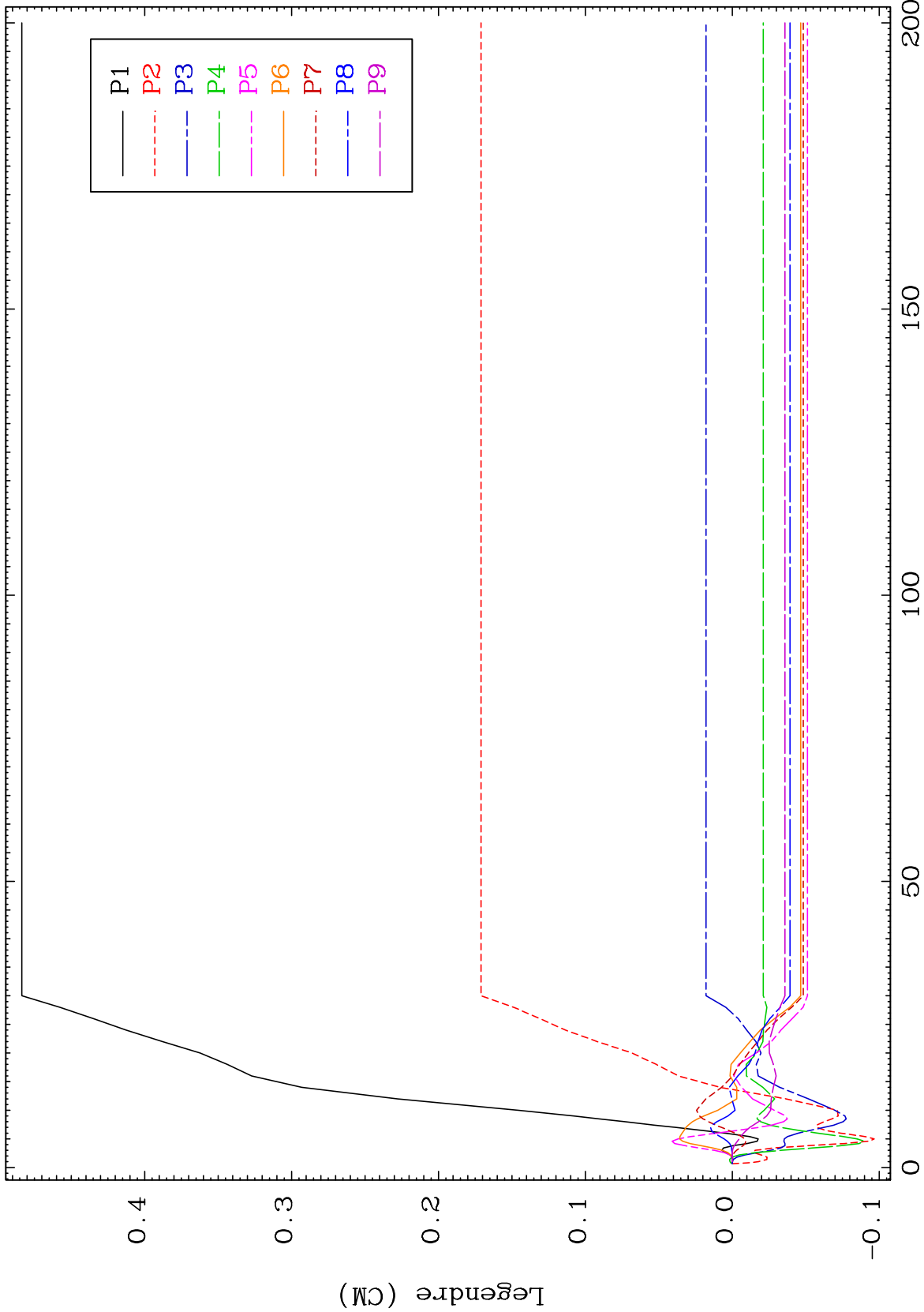
74-W -179



MAT 7422

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

74-W -179



74-W -179

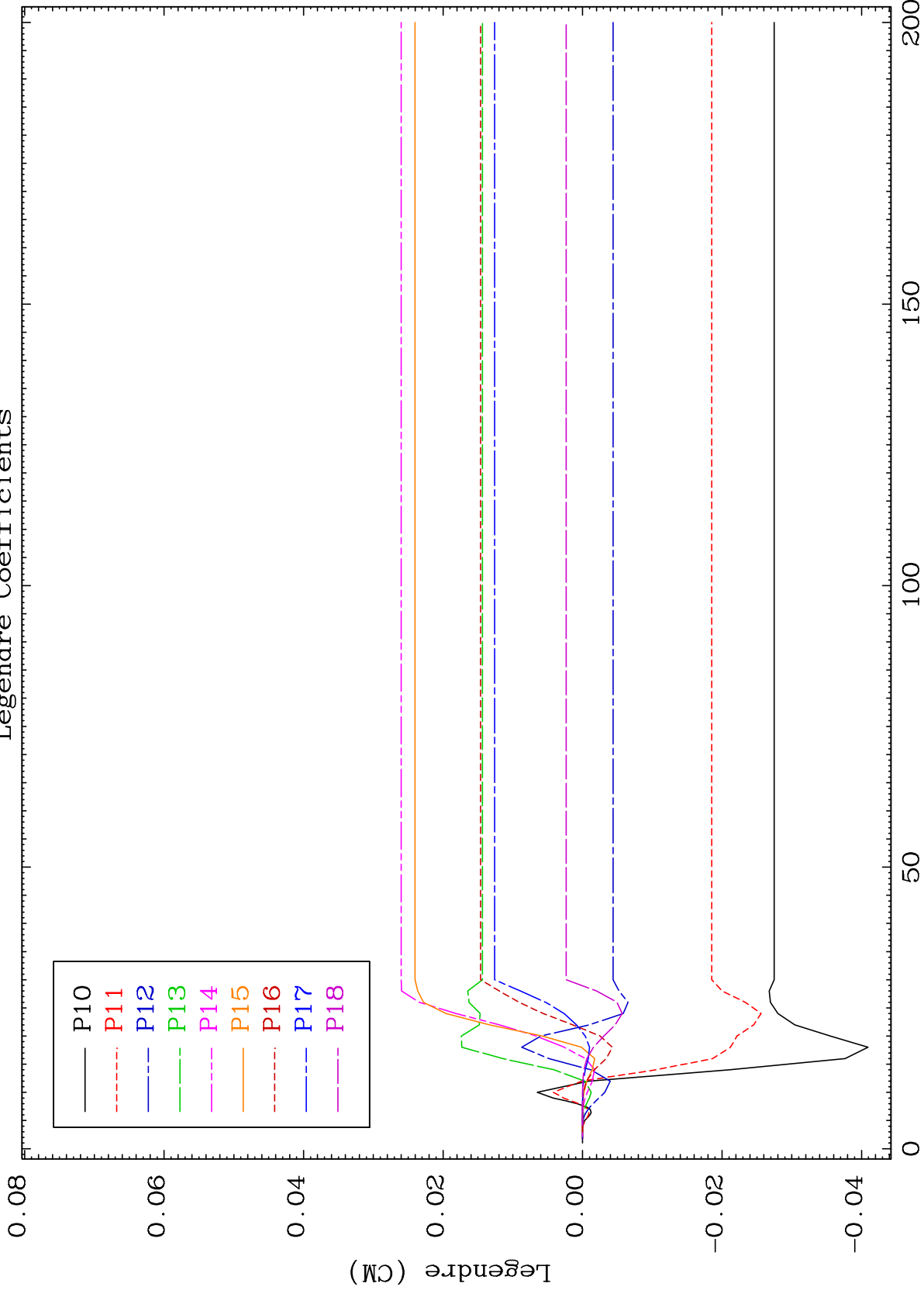
Incident Energy (MeV)

92

MAT 7422

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

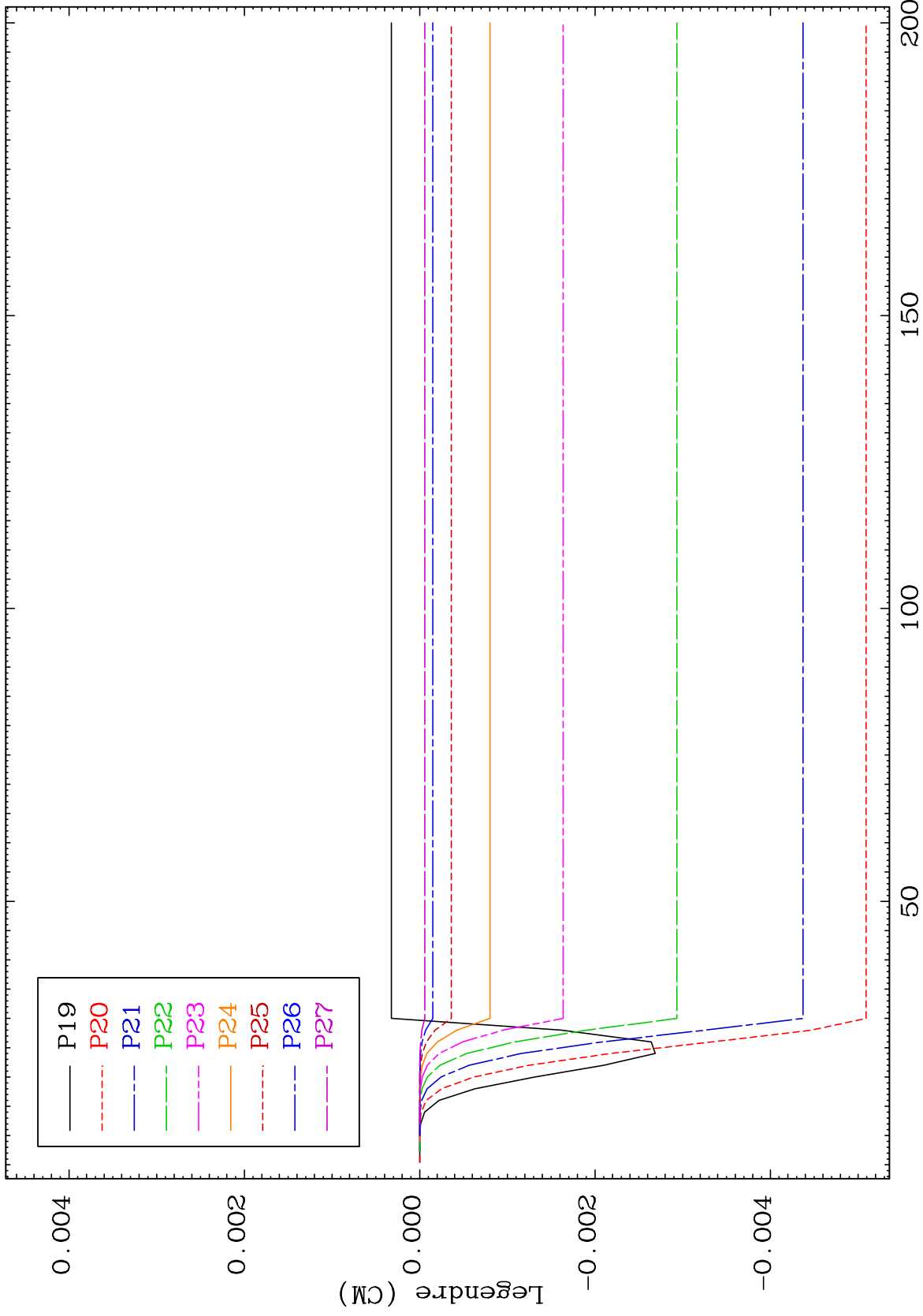
74-W -179

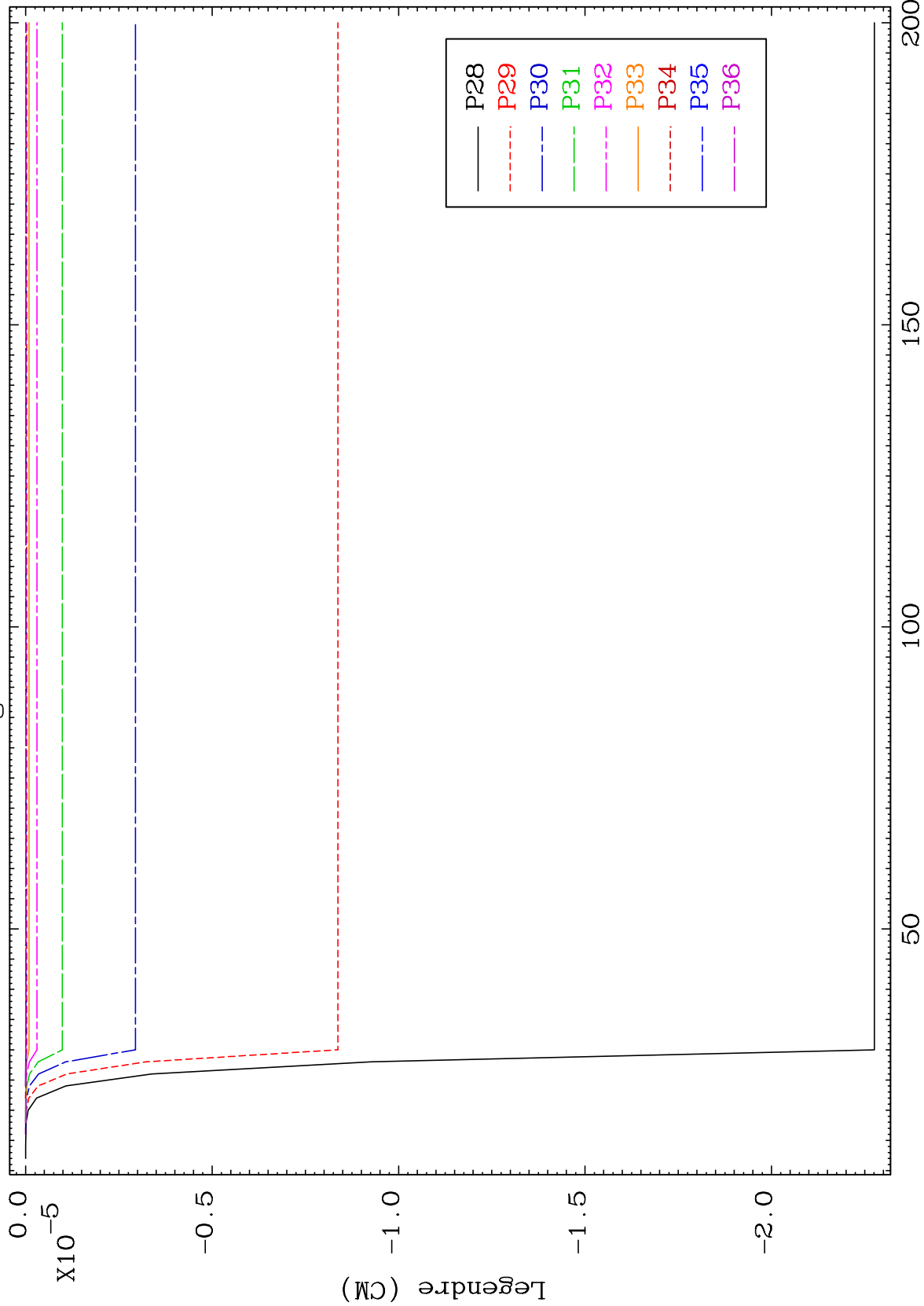


93

Incident Energy (MeV)

74-W -179



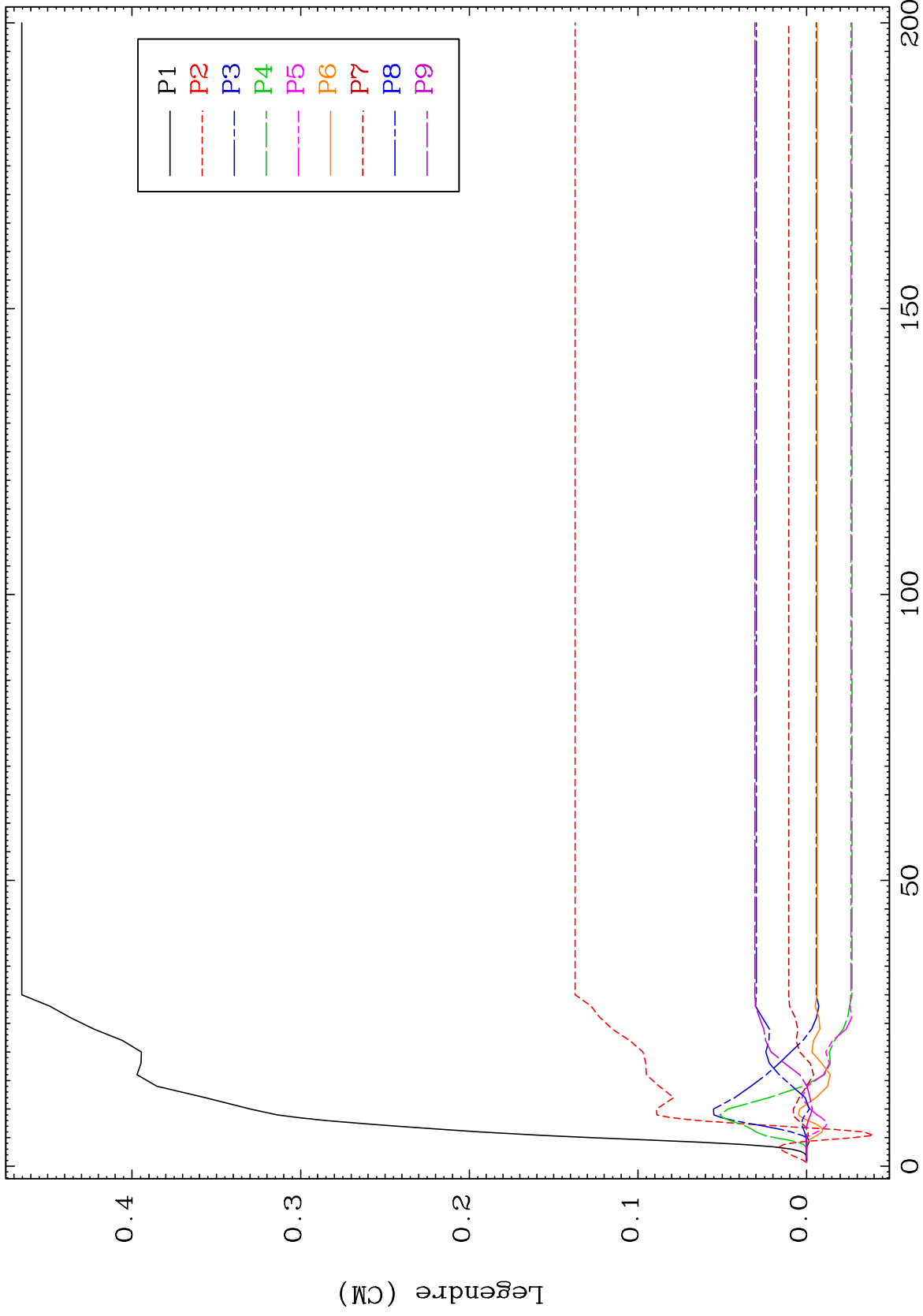




MAT 7422

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

74-W -179



96

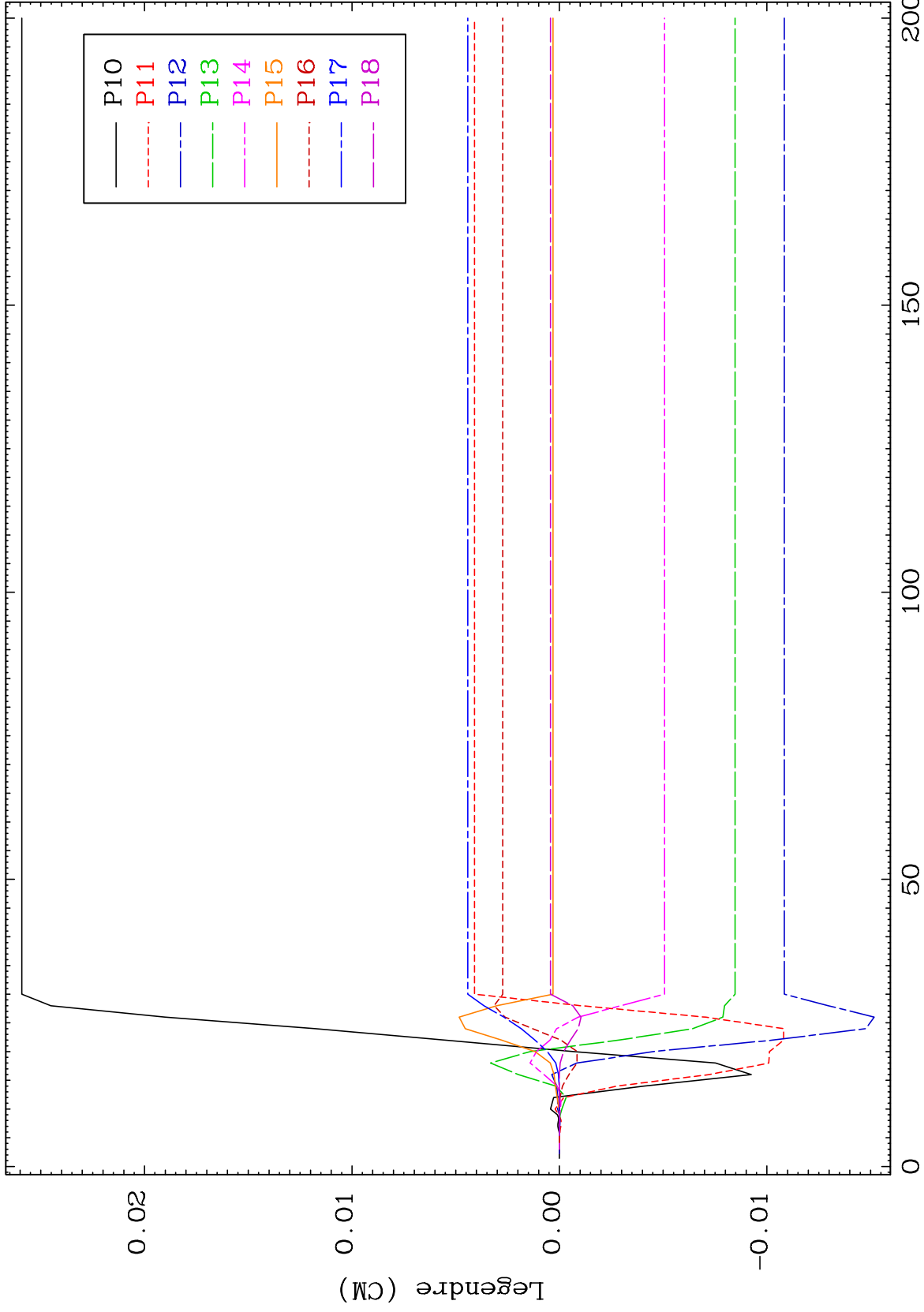
Incident Energy (MeV)

74-W -179

MAT 7422

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

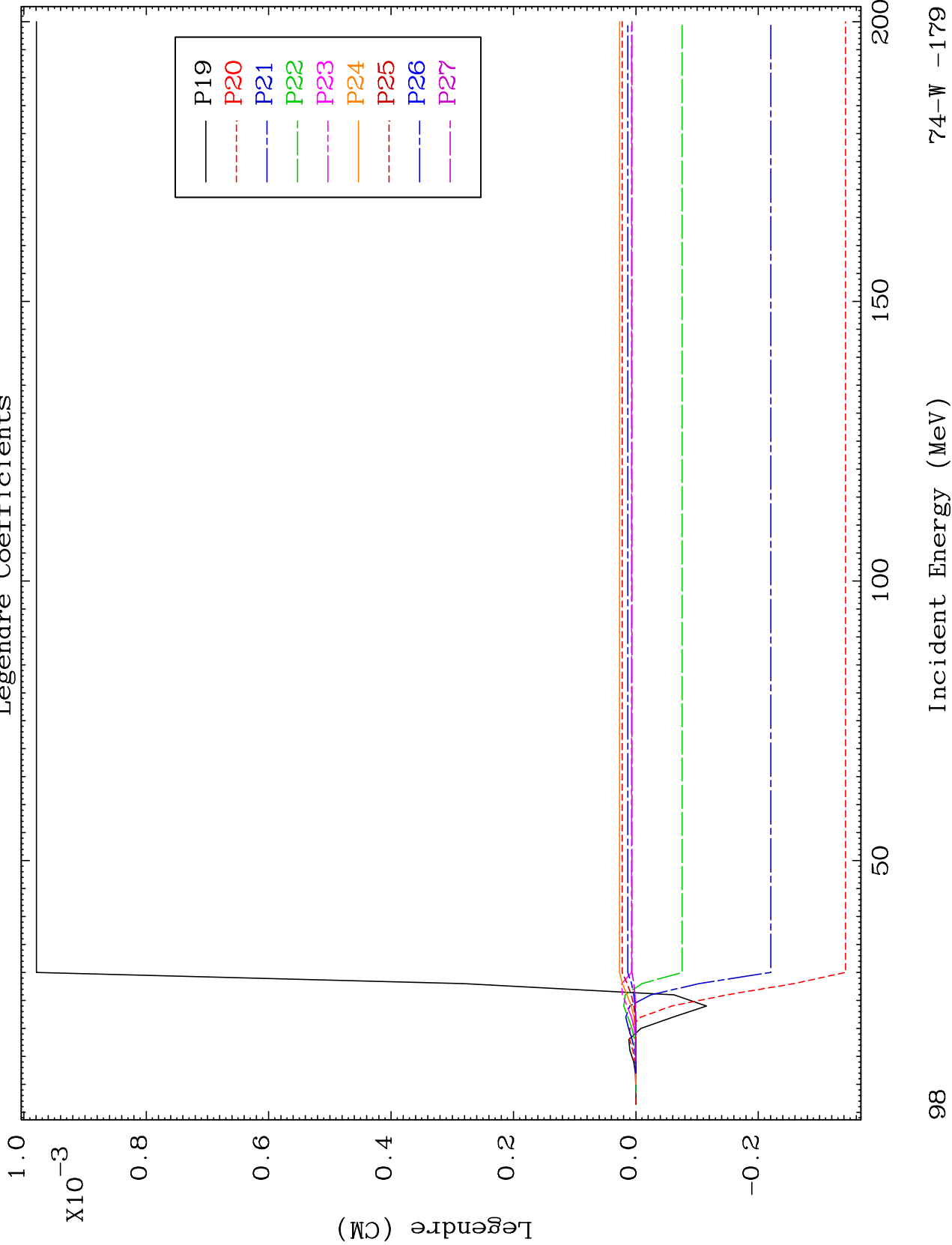
74-W -179

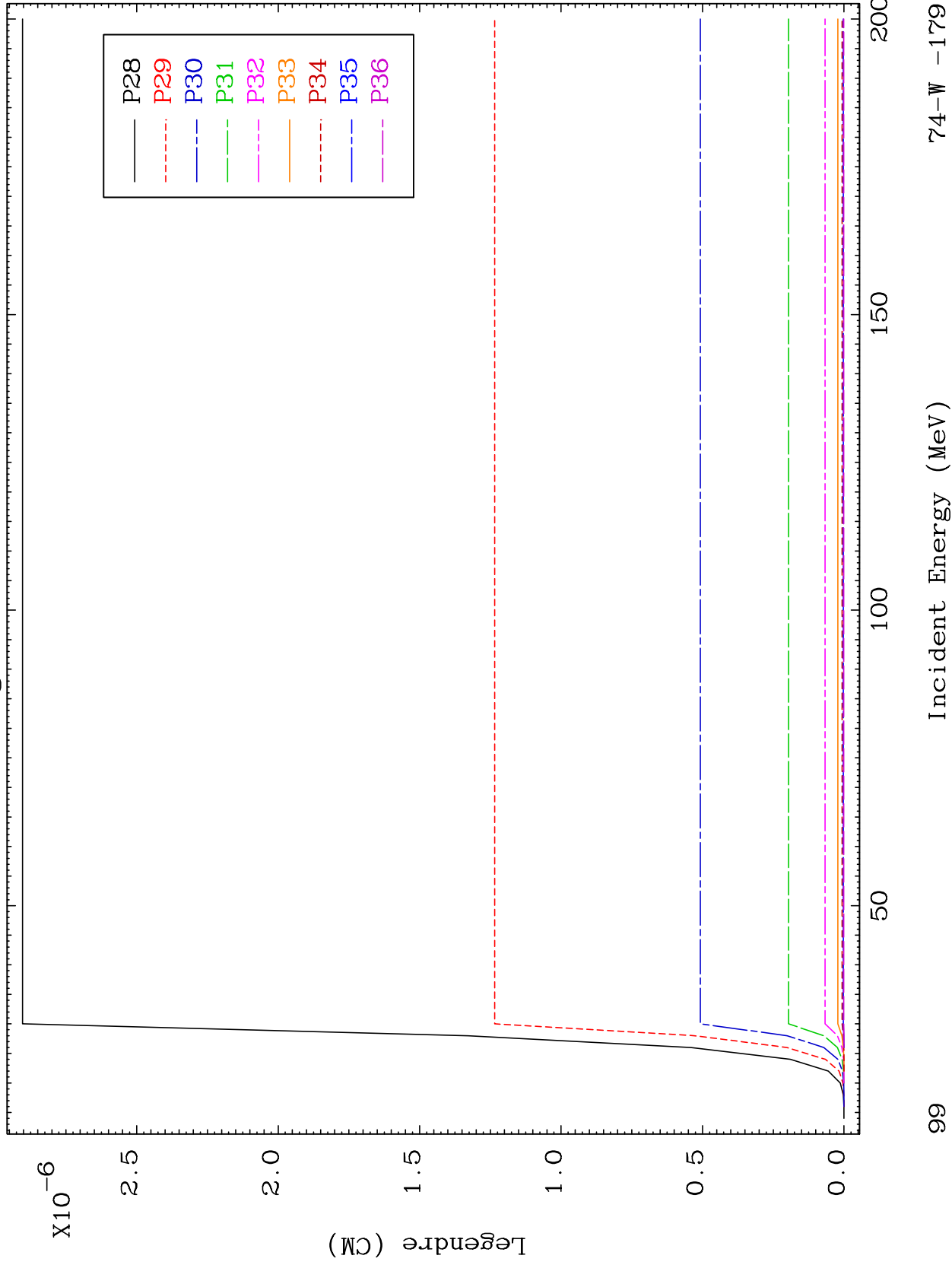


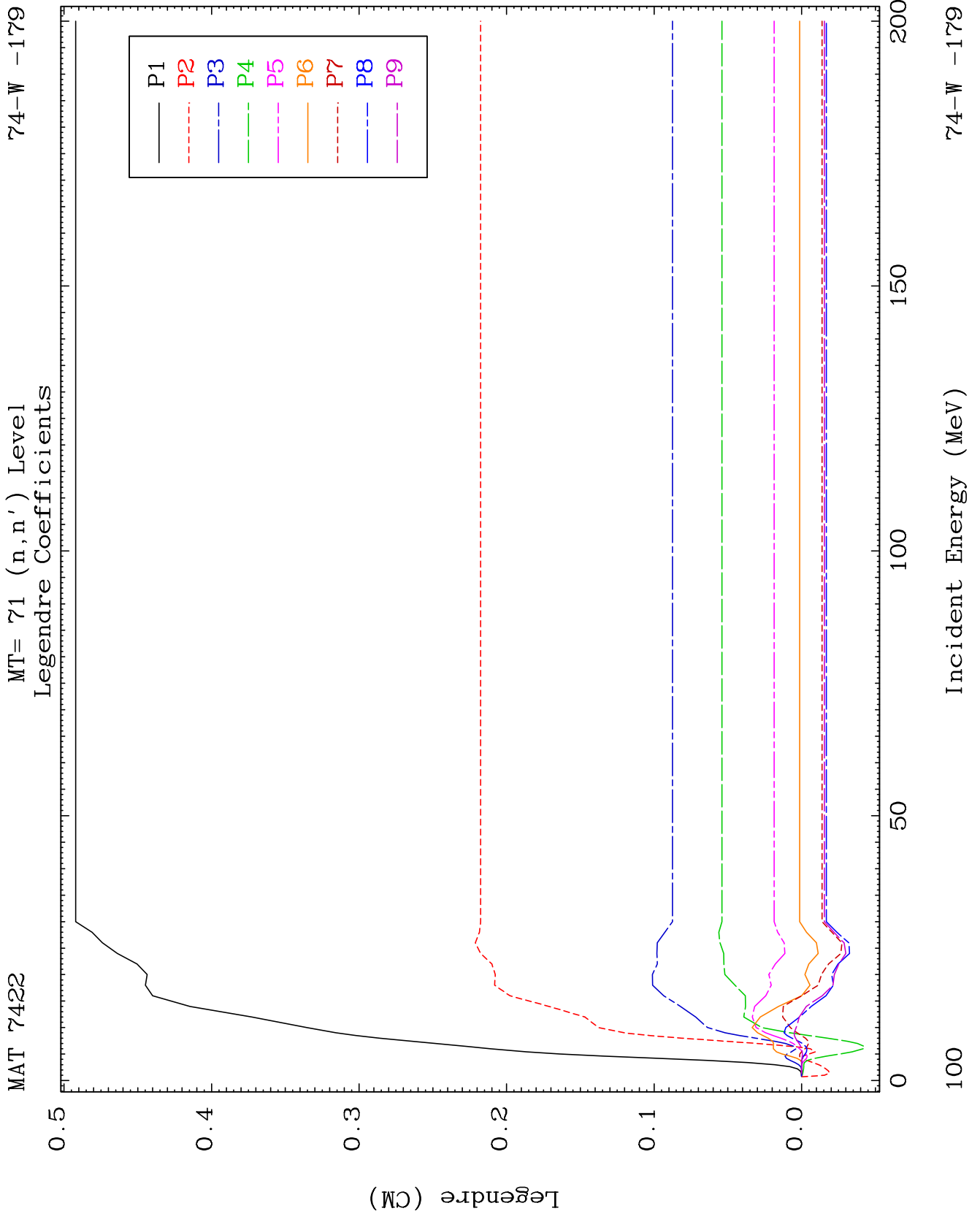
97

Incident Energy (MeV)

74-W -179



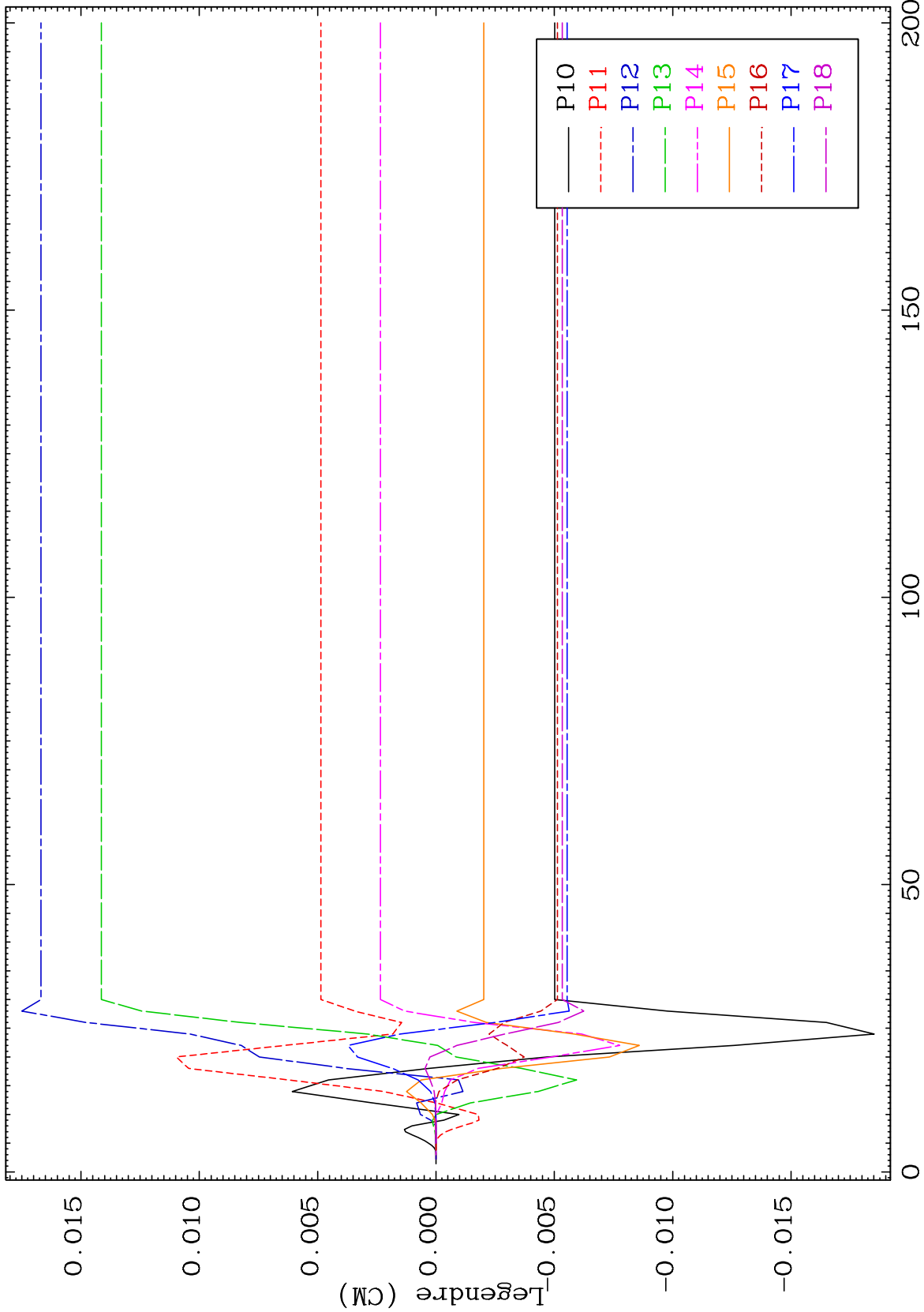




MAT 7422

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

74-W -179



101

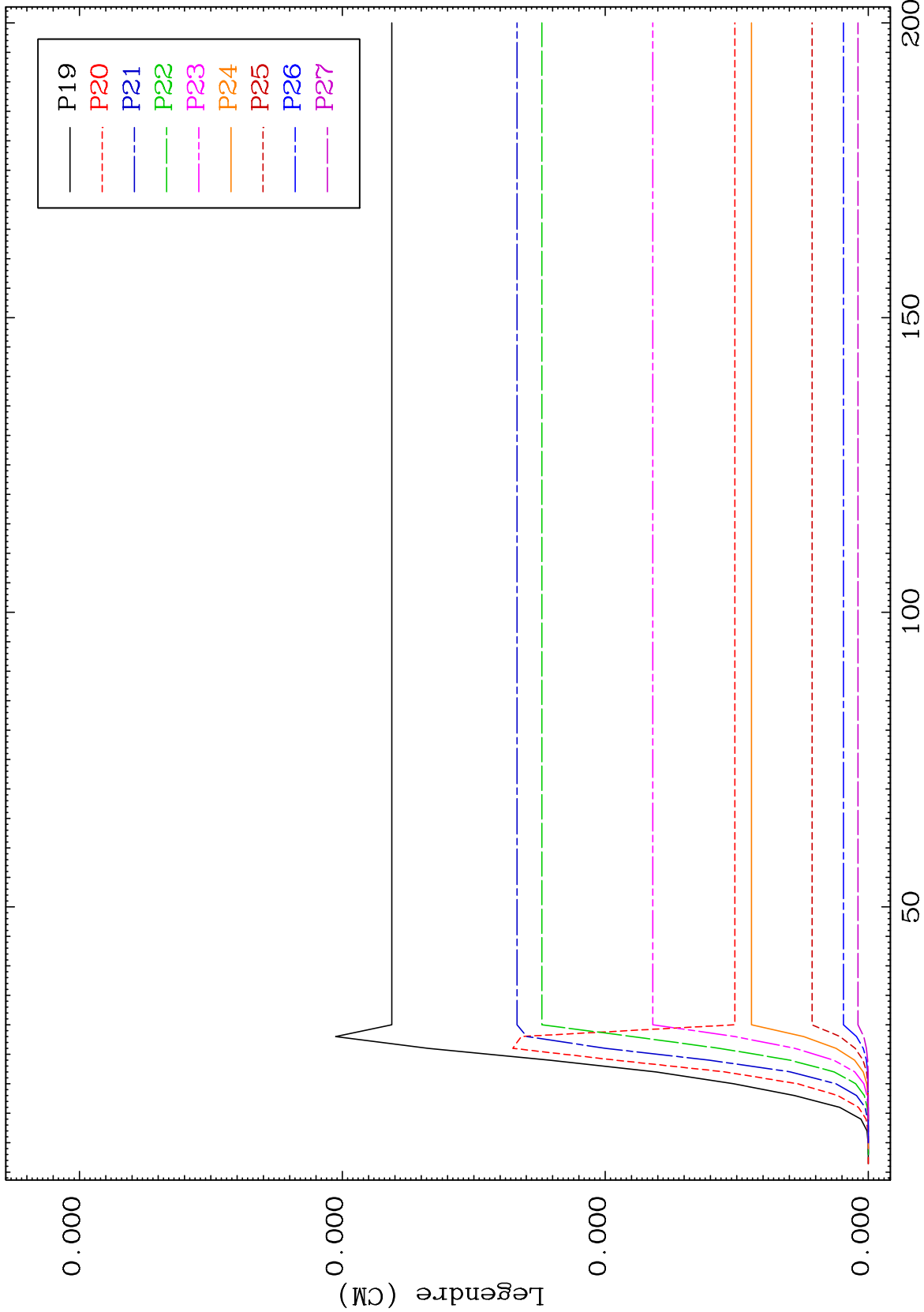
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



102

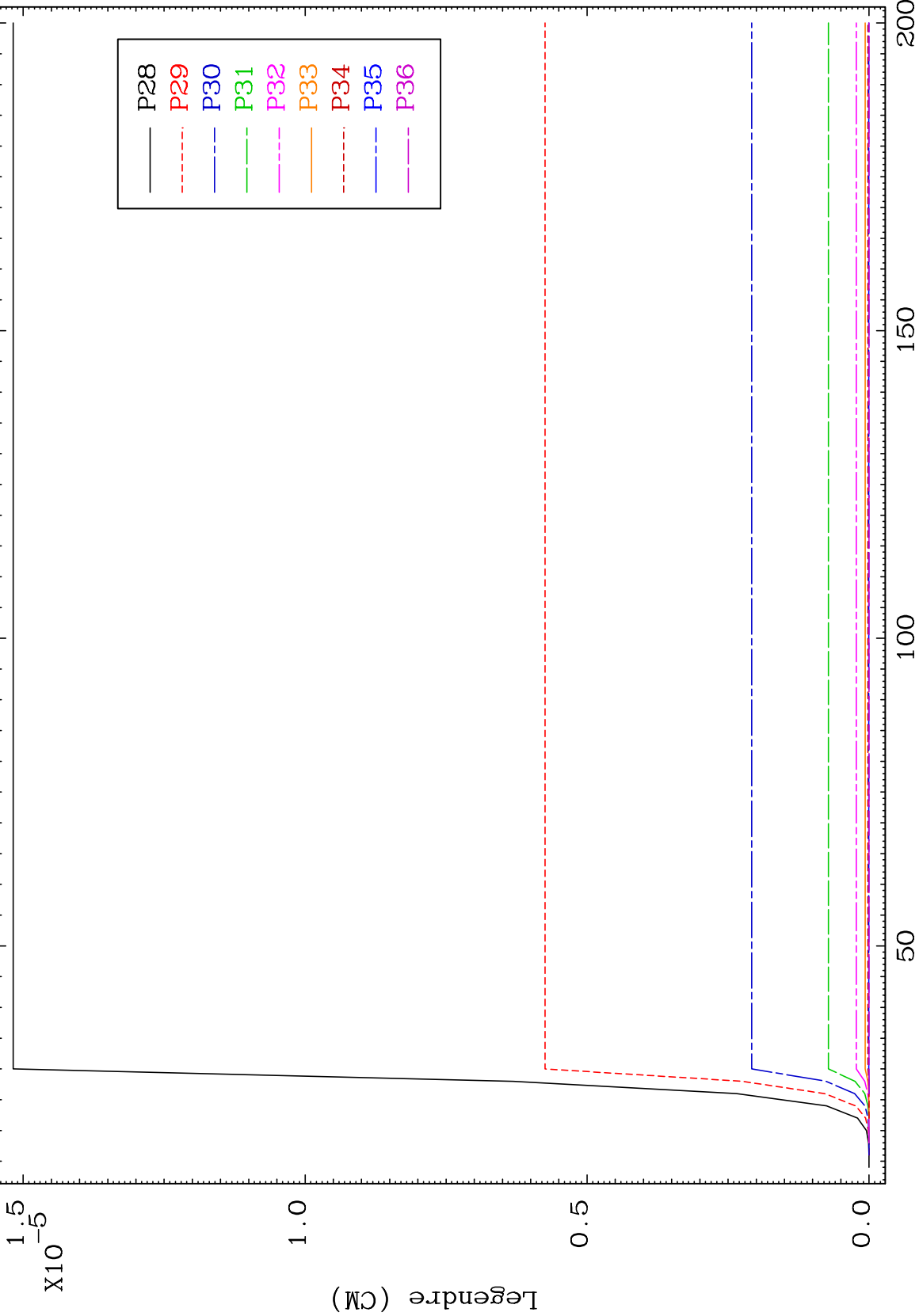
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



103

Incident Energy (MeV)

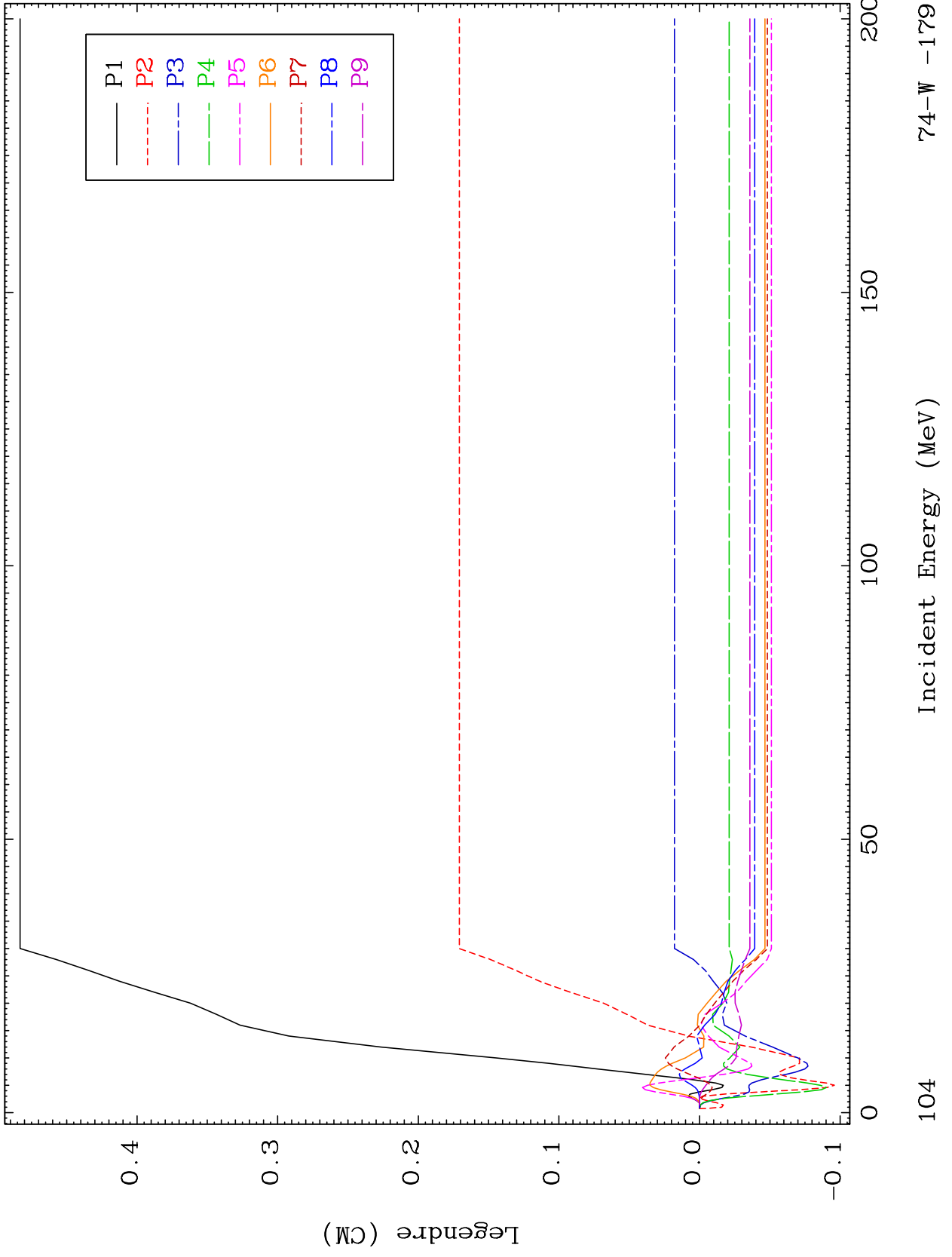
74-W -179



MAT 7422

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

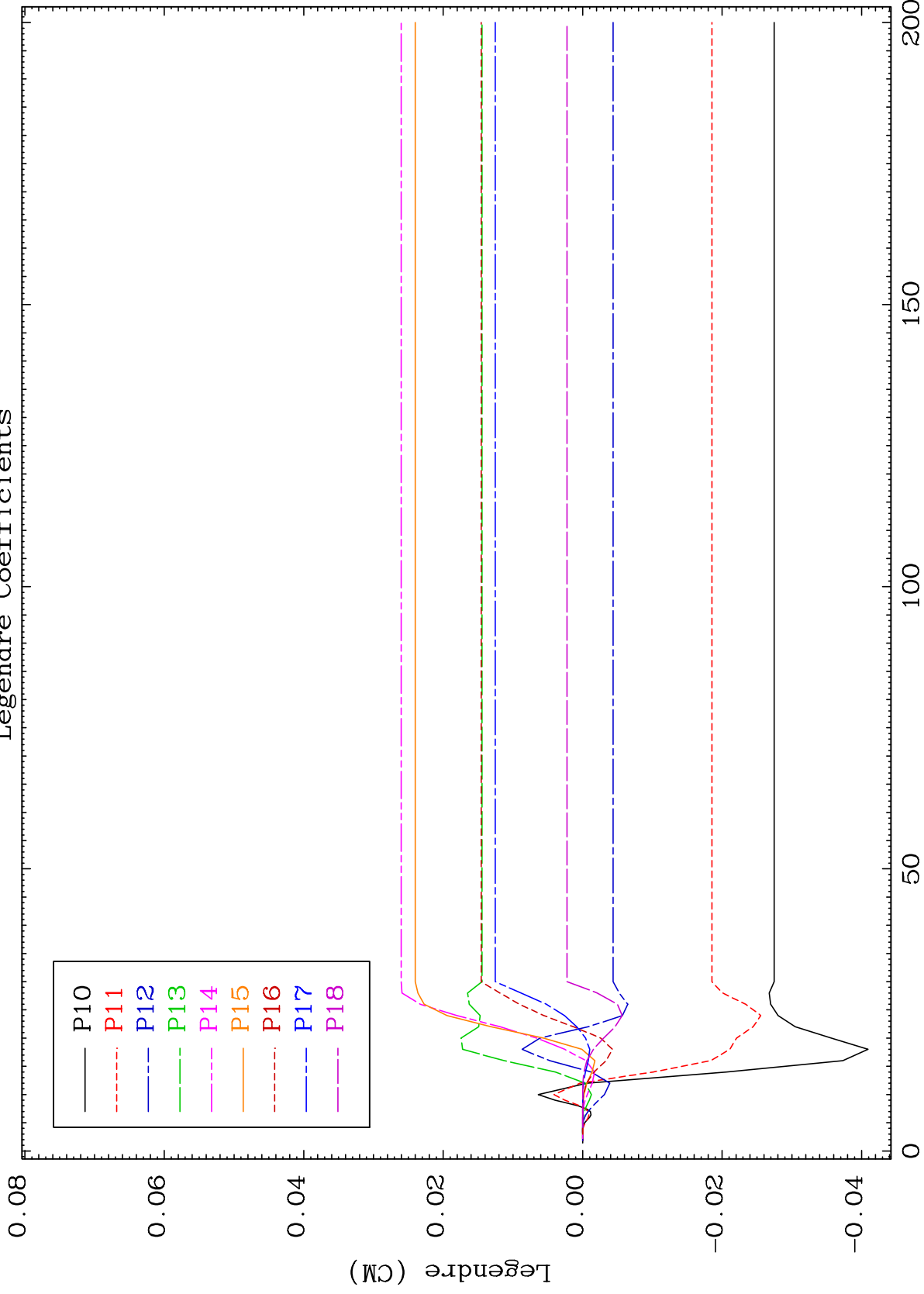
74-W -179



MAT 7422

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

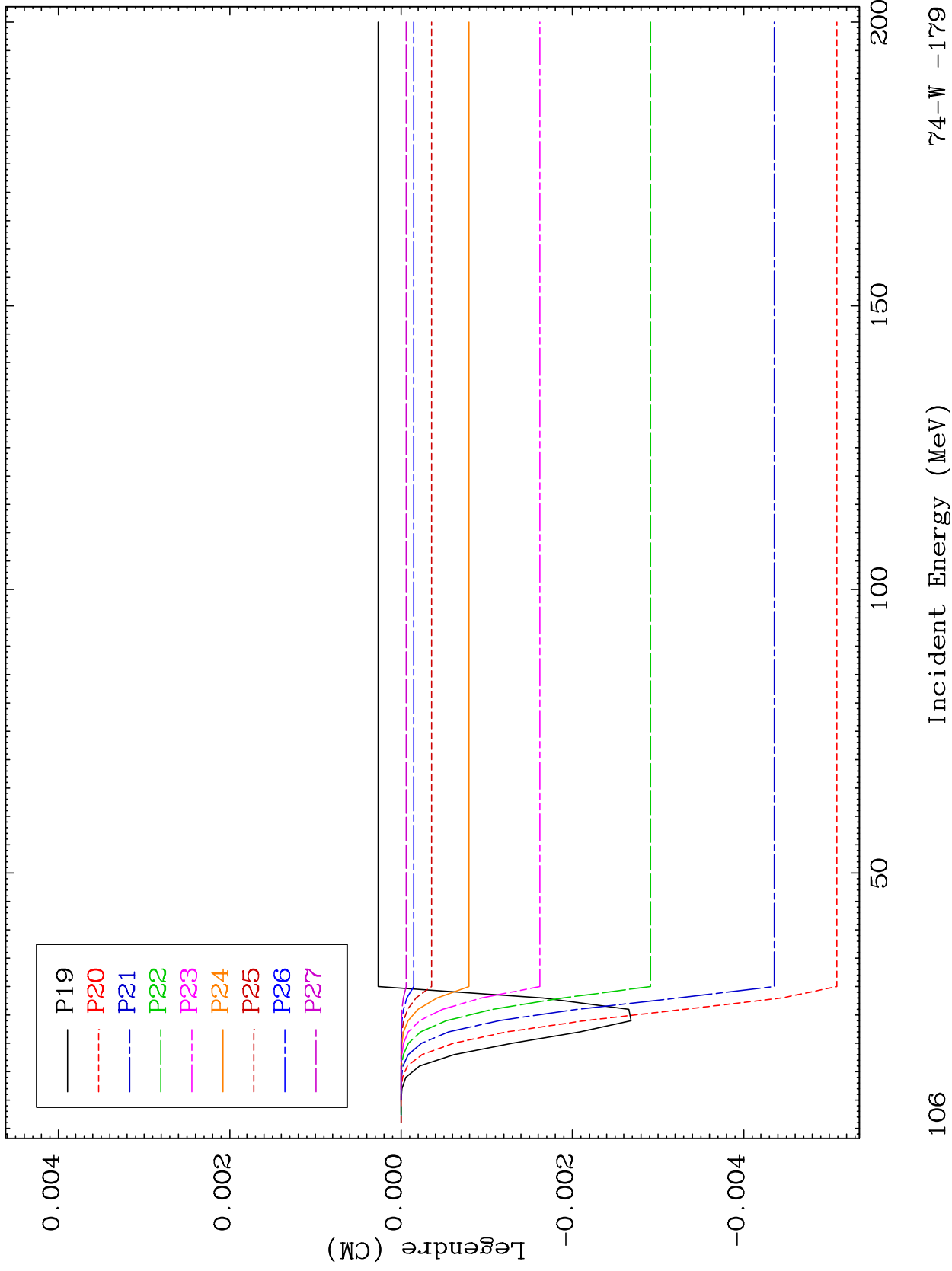
74-W -179

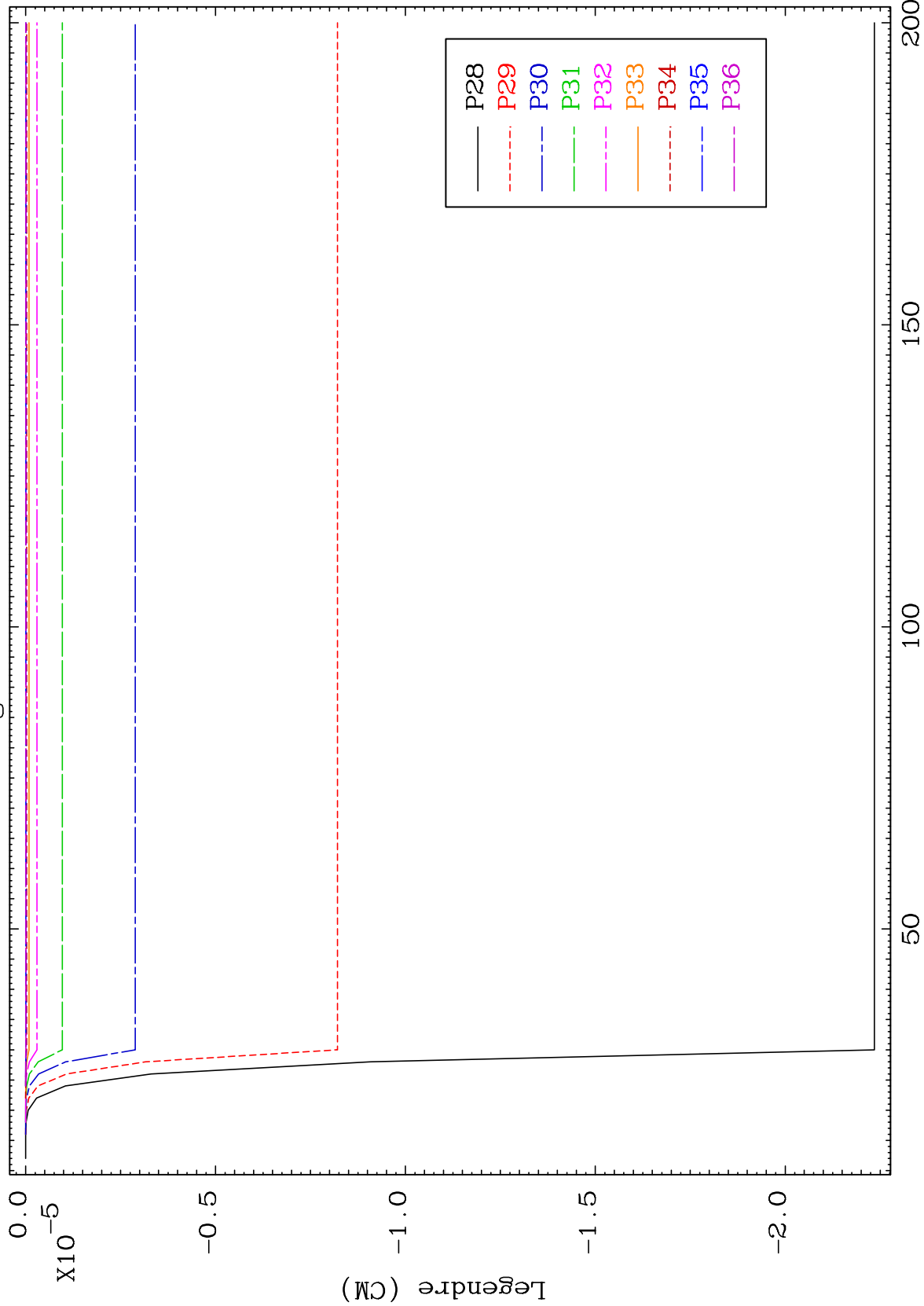


Incident Energy (MeV)

74-W -179

105

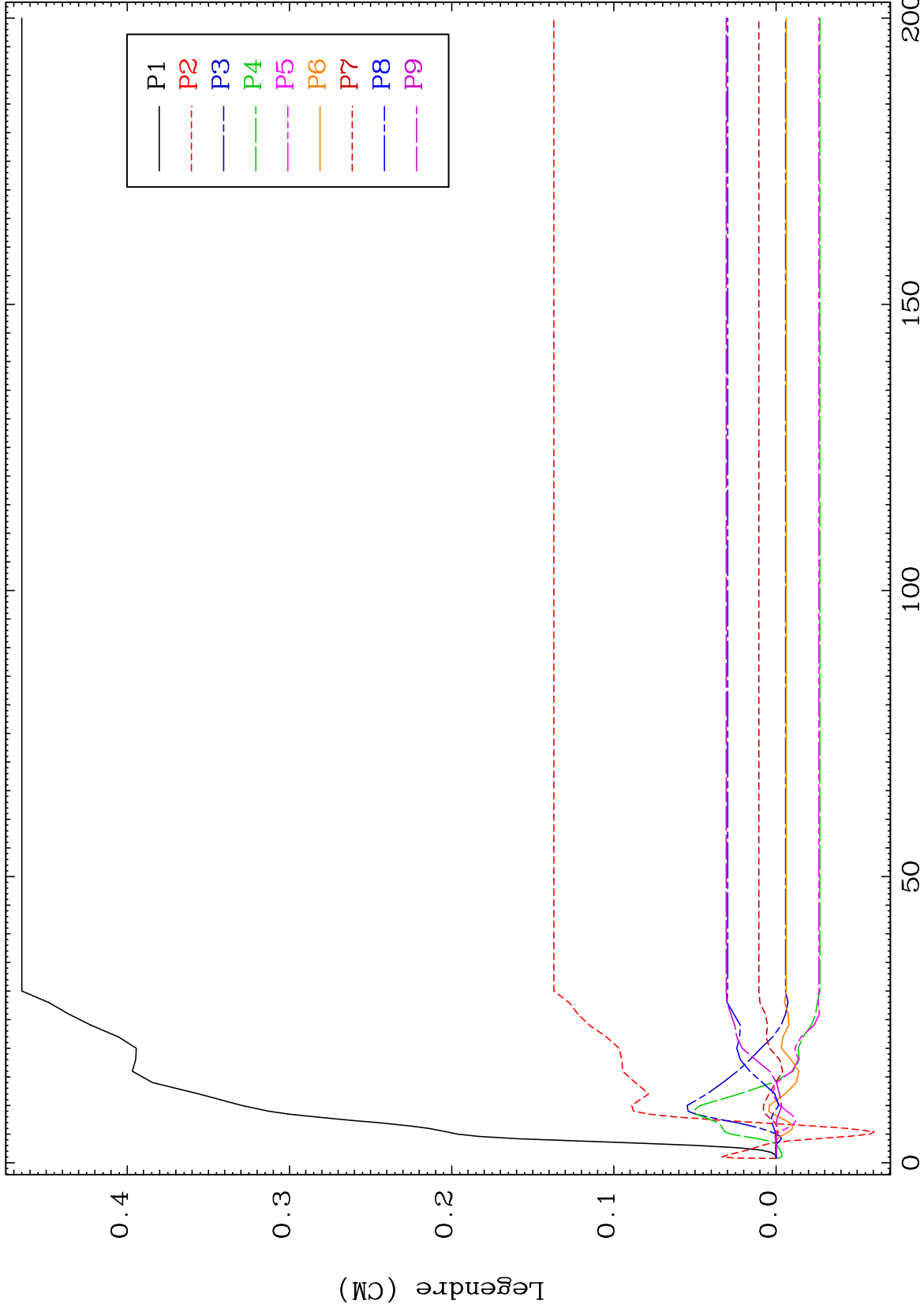




MAT 7422

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

74-W -179



74-W -179

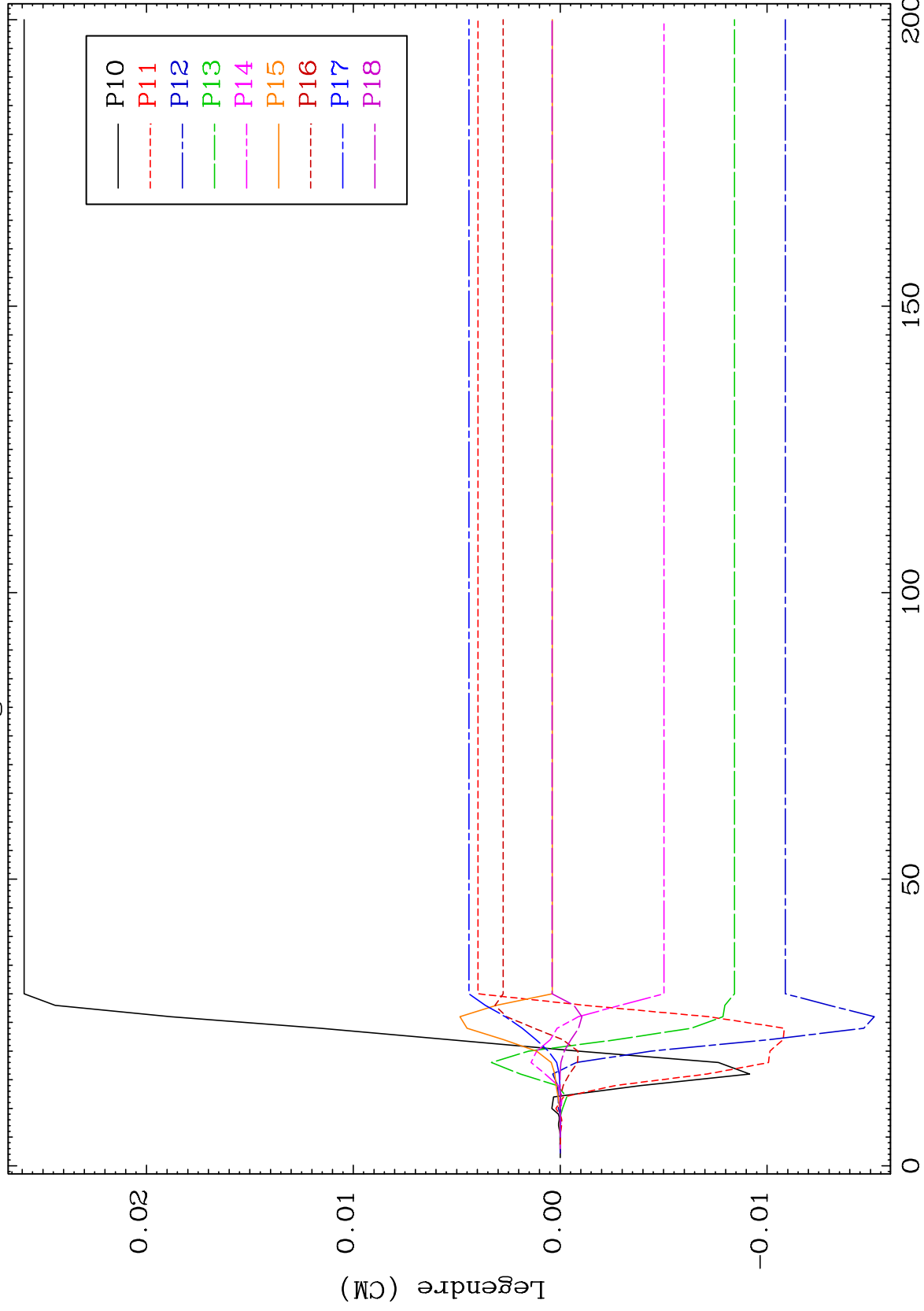
Incident Energy (MeV)

108

MAT 7422

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

74-W -179



109

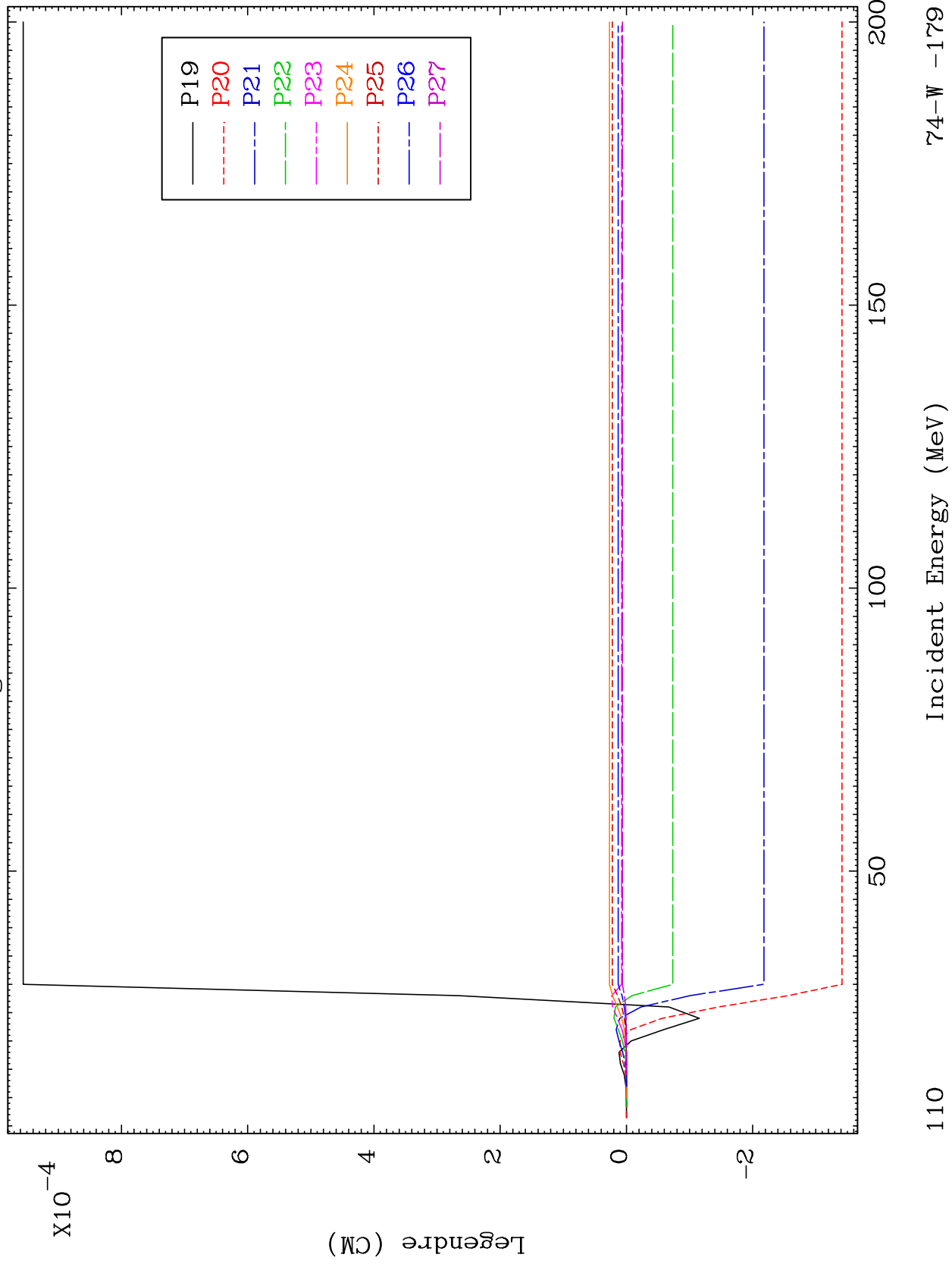
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



110

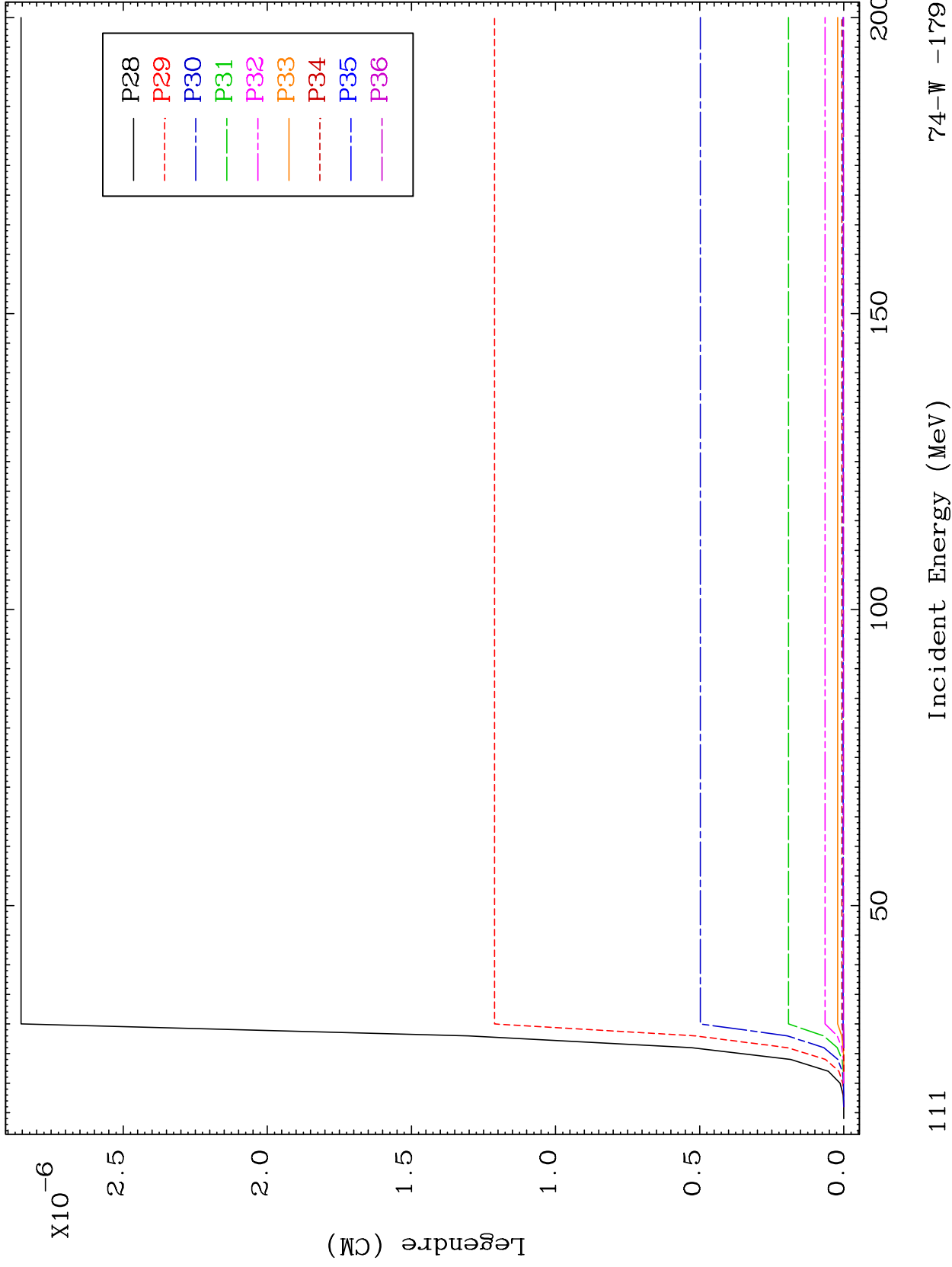
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



111

Incident Energy (MeV)

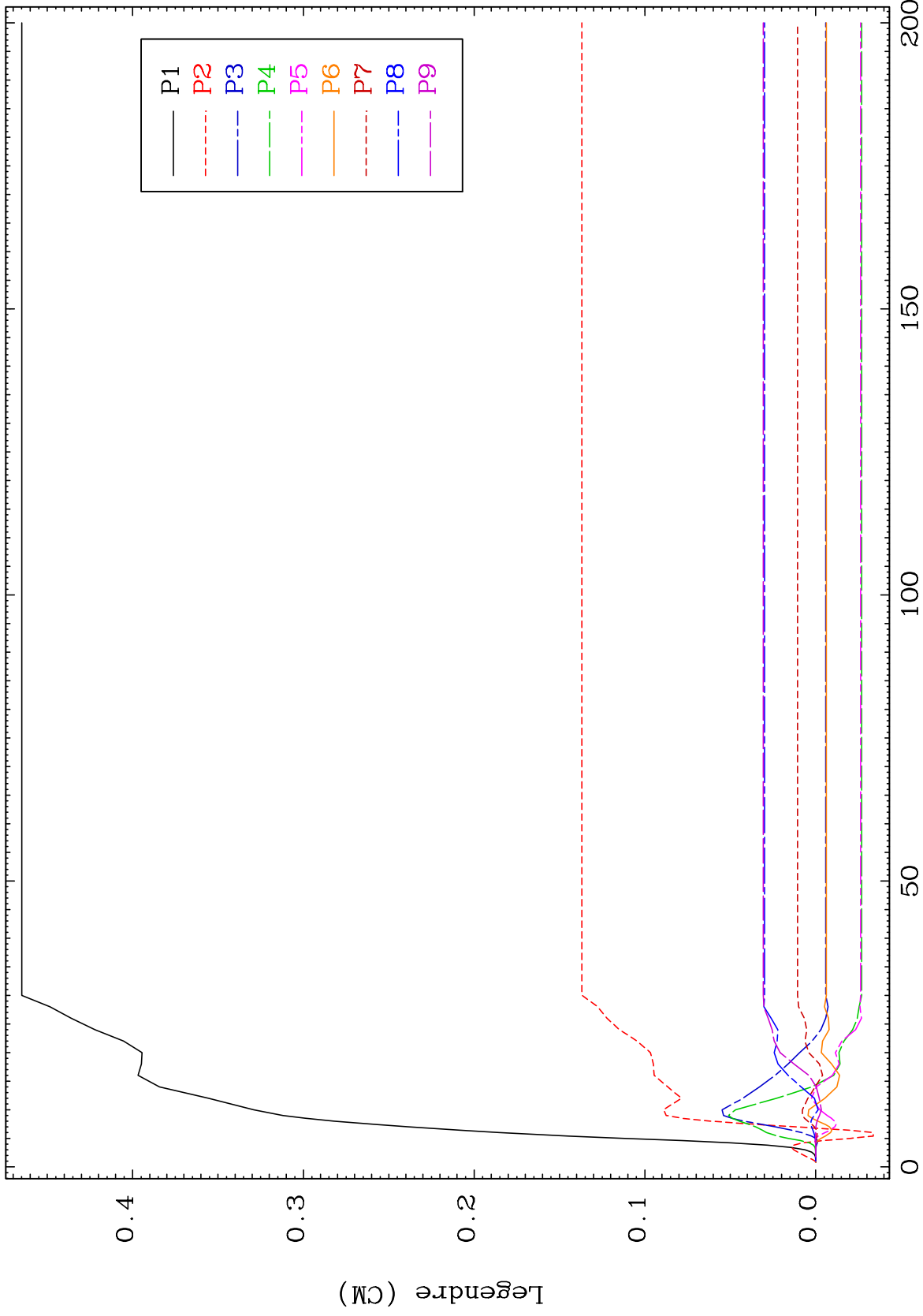
74-W -179



MAT 7422

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

74-W -179



112

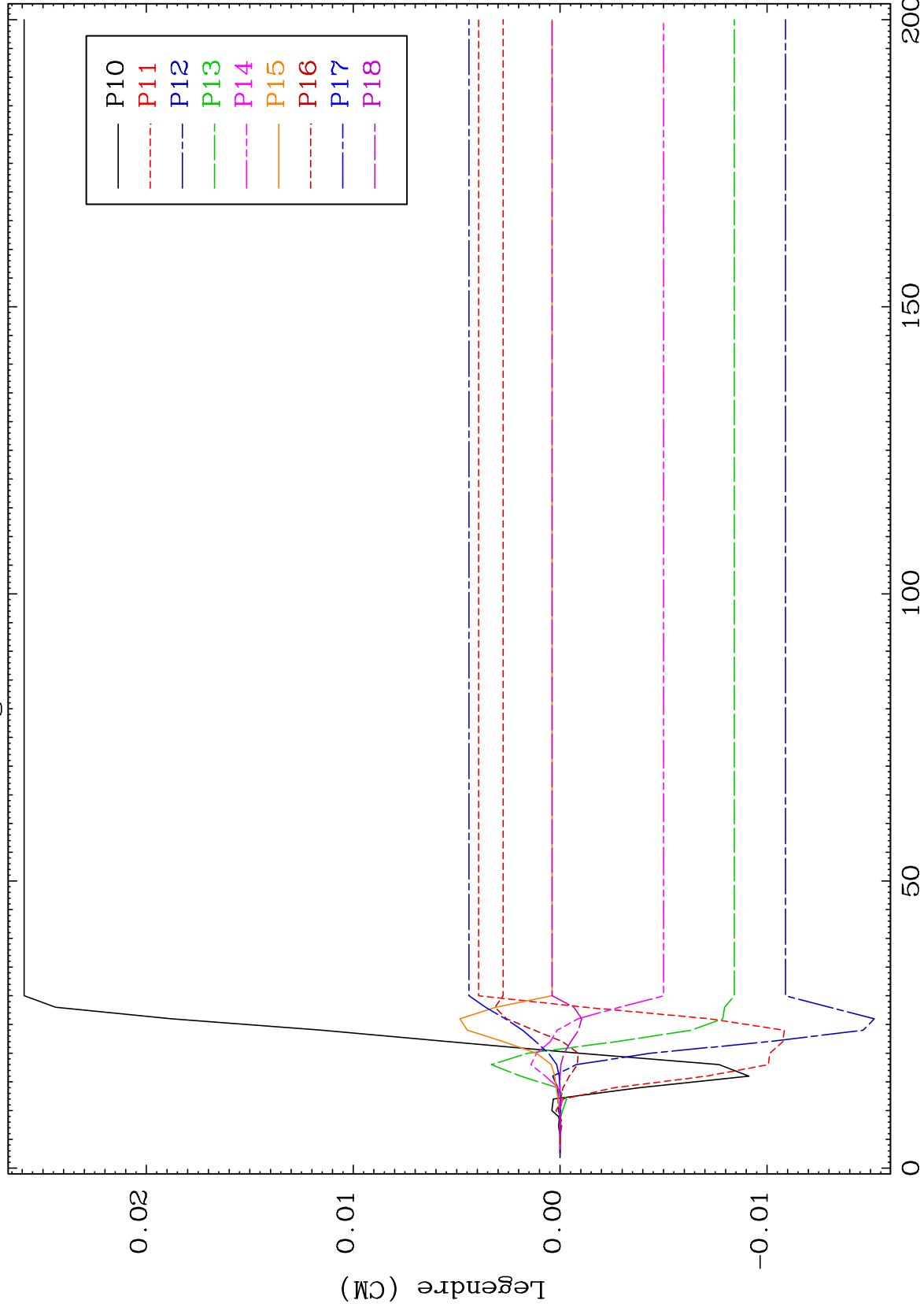
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



113

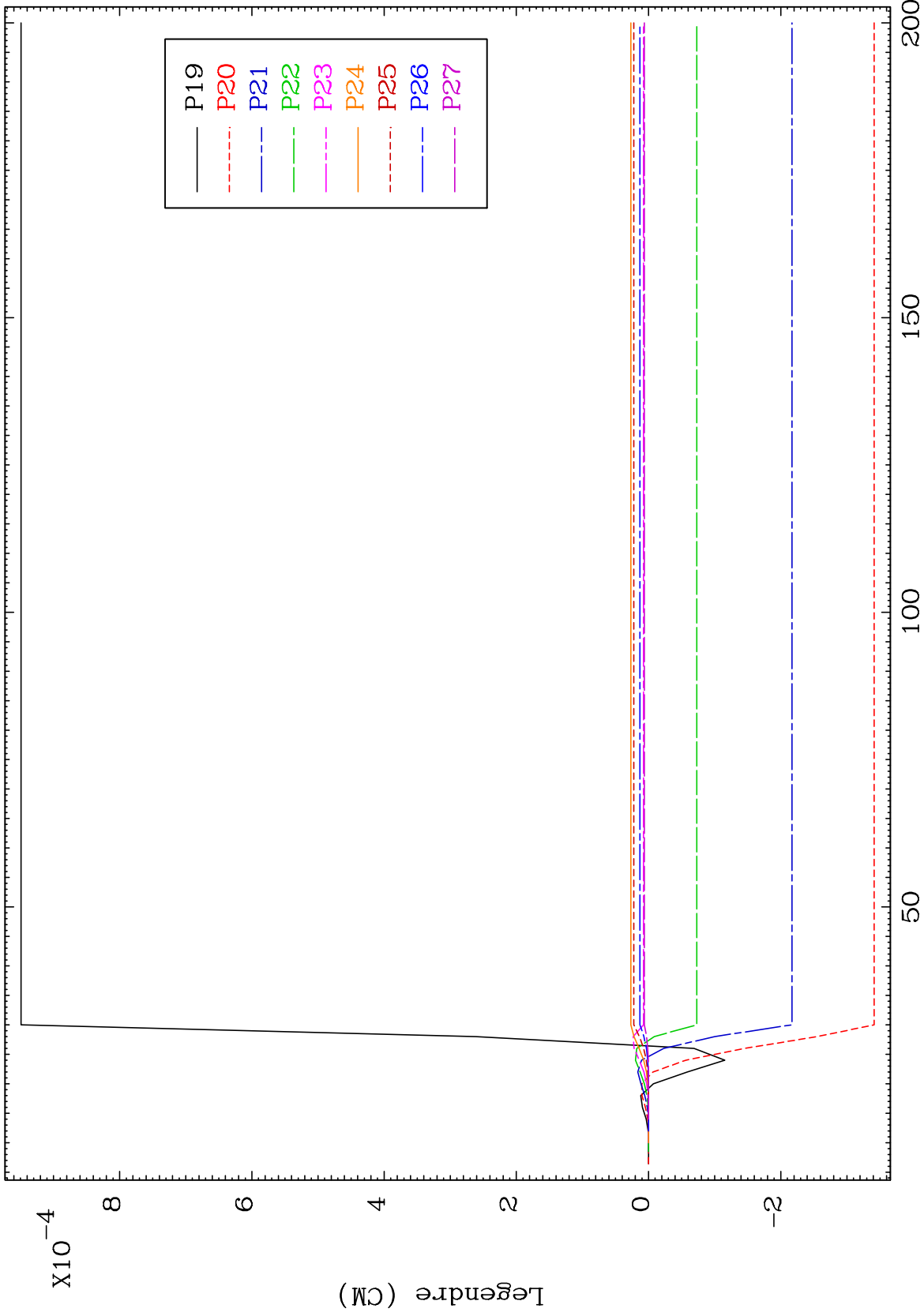
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



114

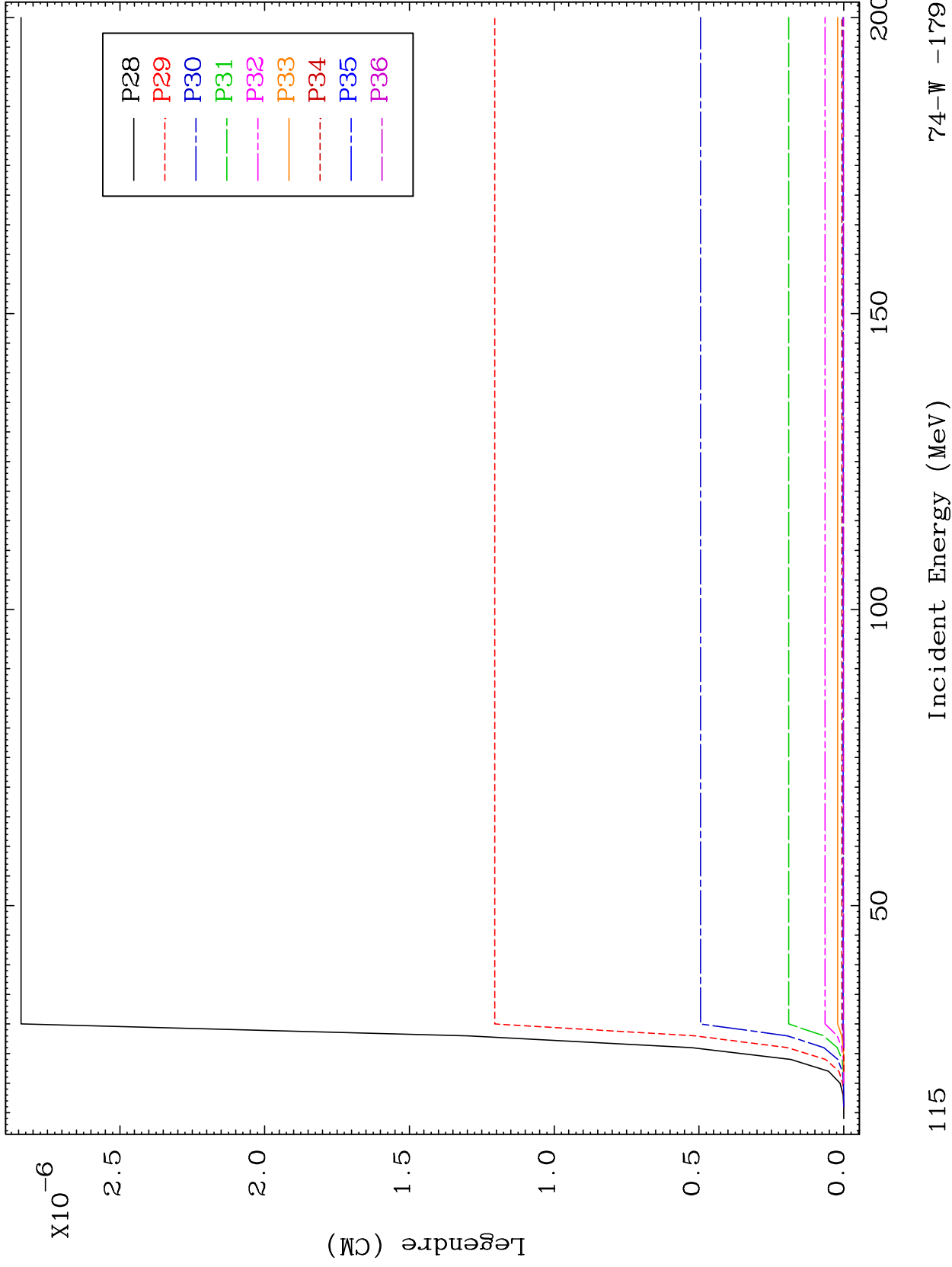
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



115

Incident Energy (MeV)

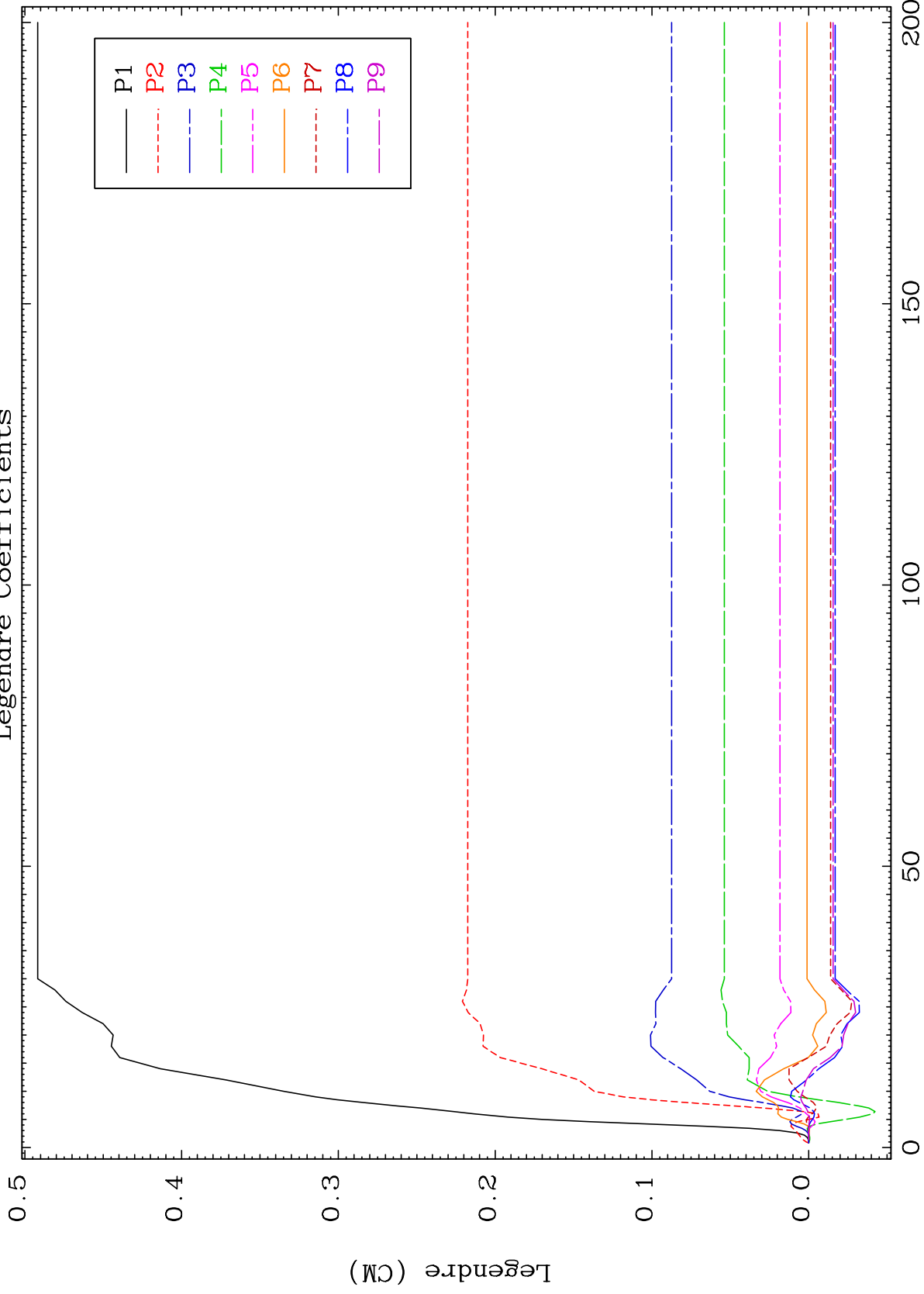
74-W -179

MAT 7422

MT= 75 (n,n') Level

74-W -179

Legendre Coefficients



Incident Energy (MeV)

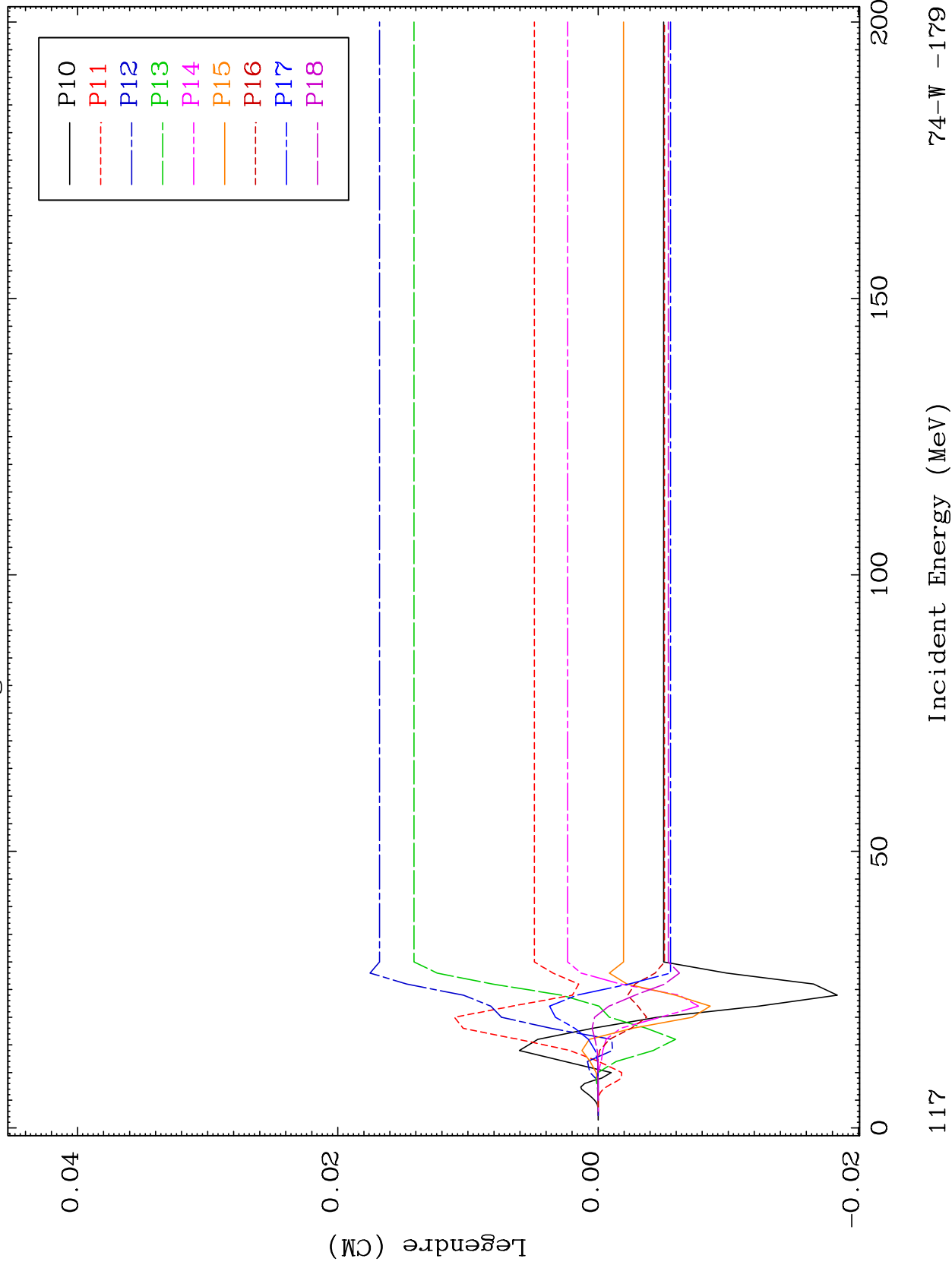
74-W -179

116

MAT 7422

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

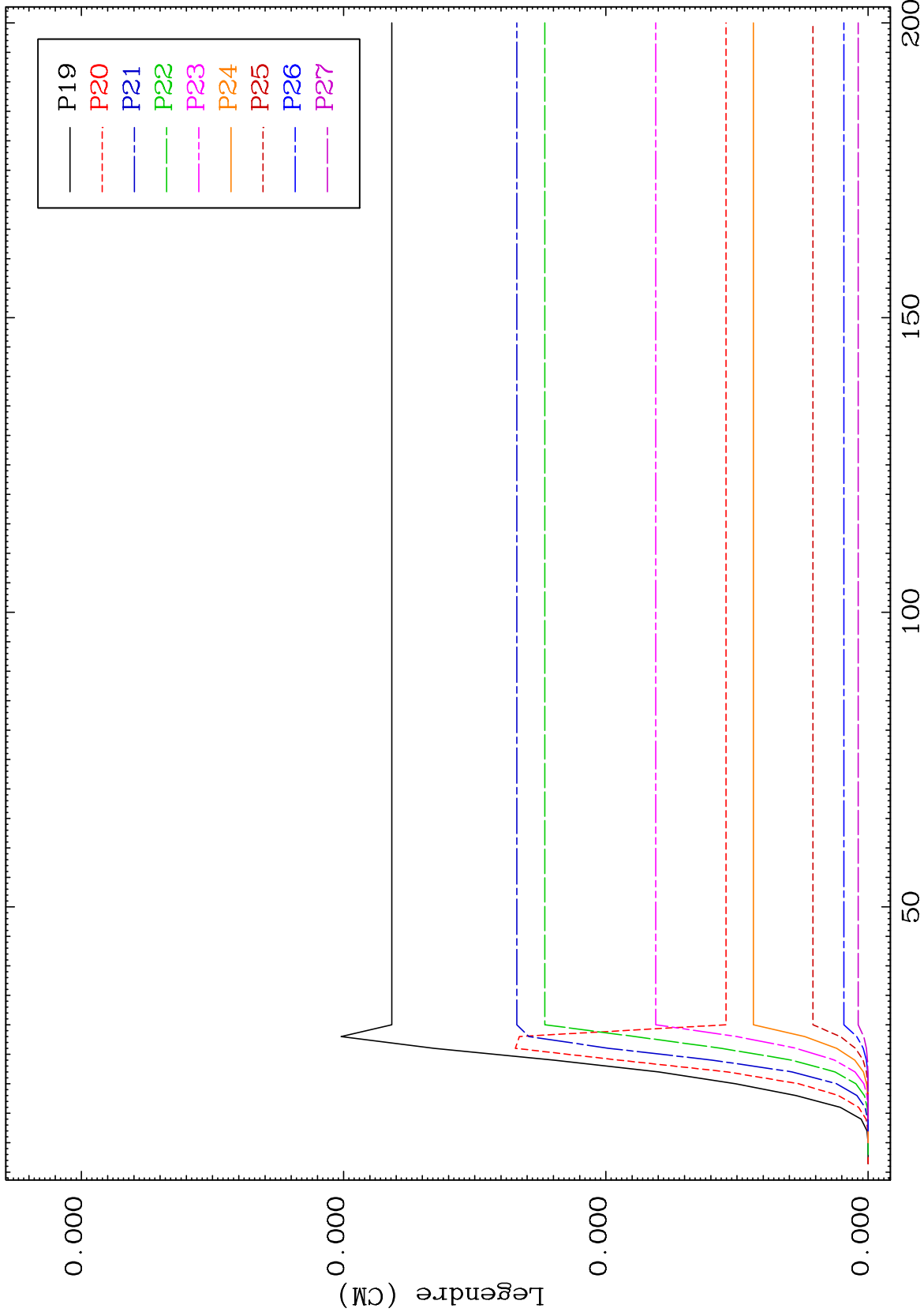
74-W -179



MAT 7422

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

74-W -179



118

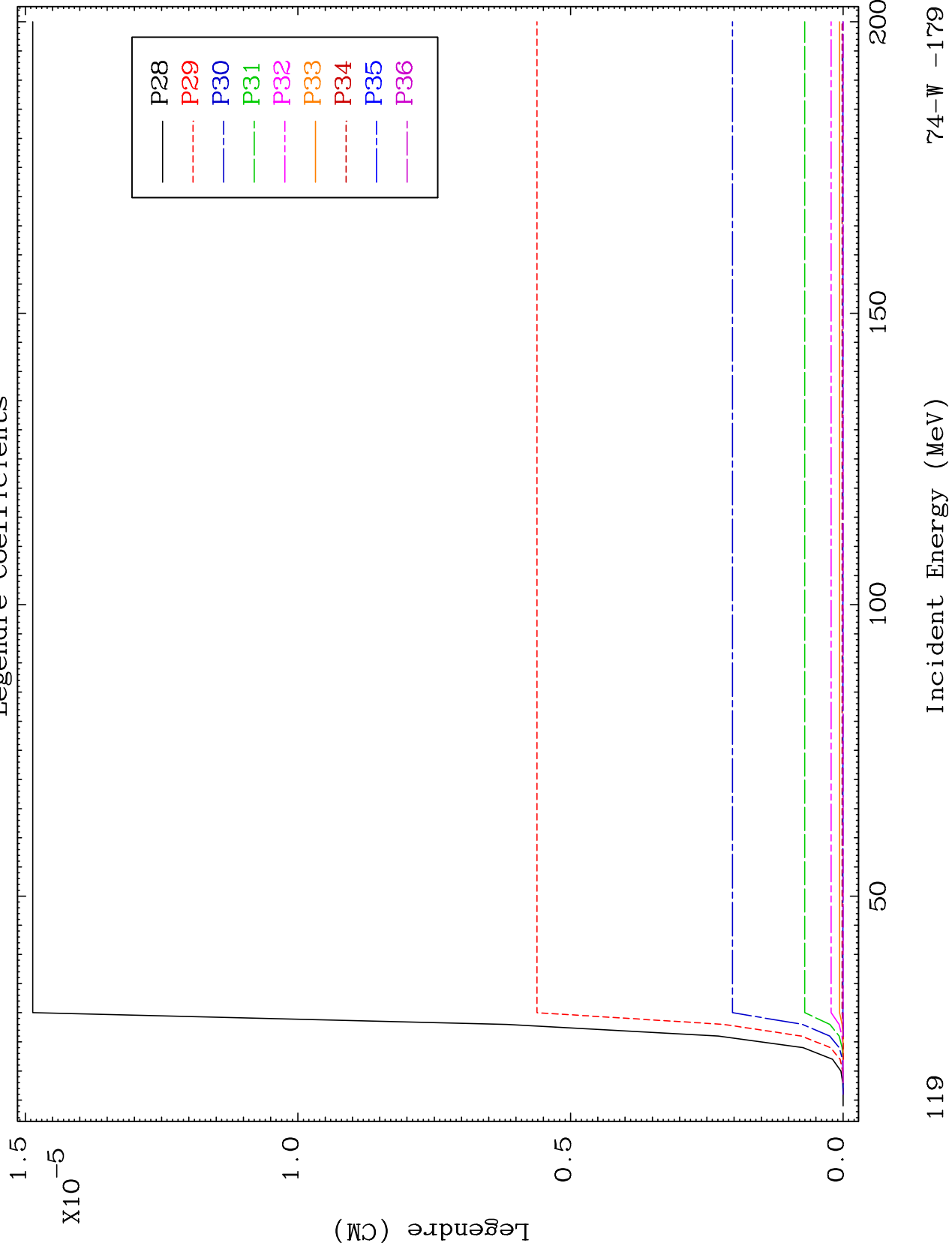
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179

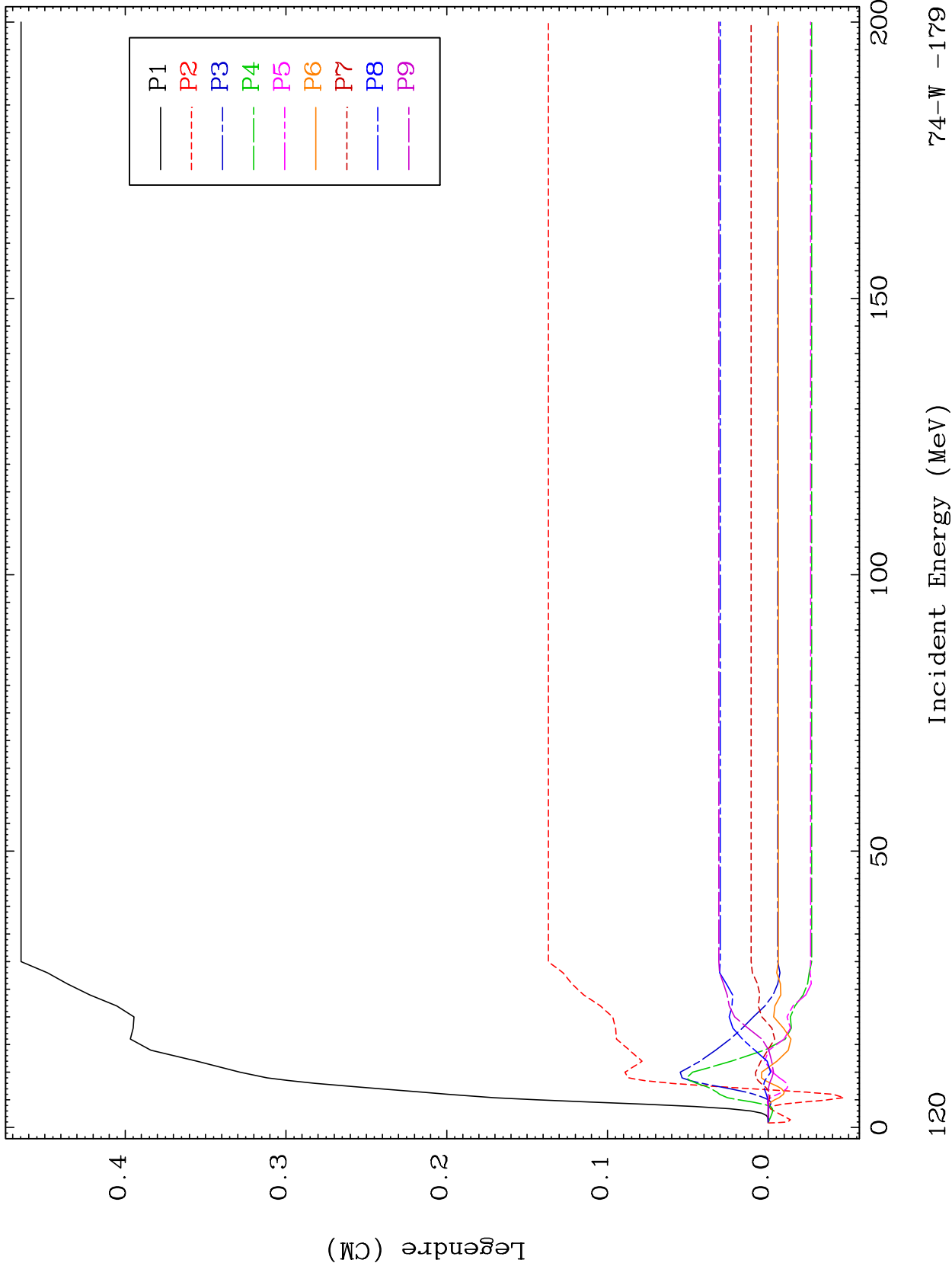




MAT 7422

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

74-W -179



74-W -179

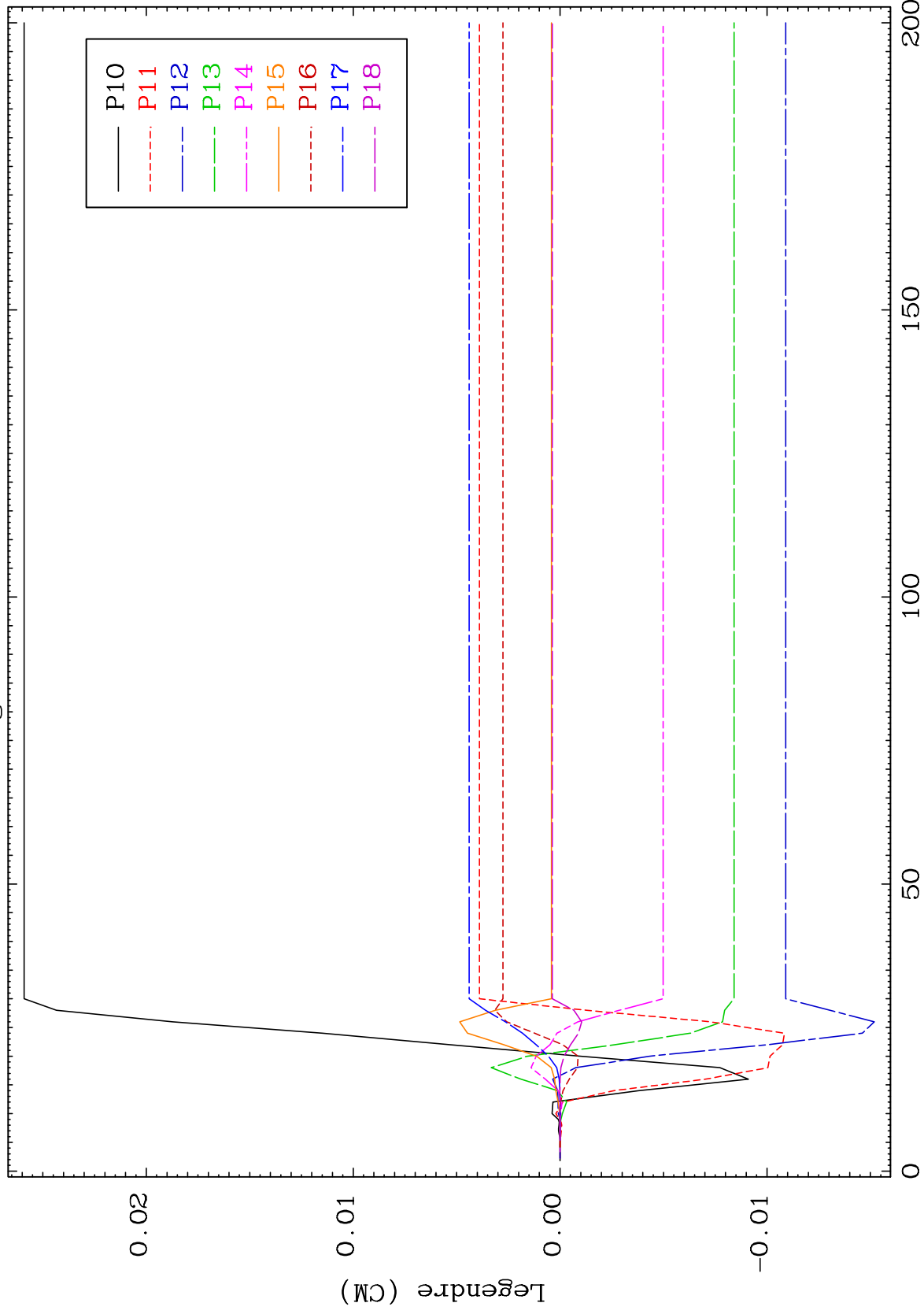
Incident Energy (MeV)

120

MAT 7422

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

74-W -179



121

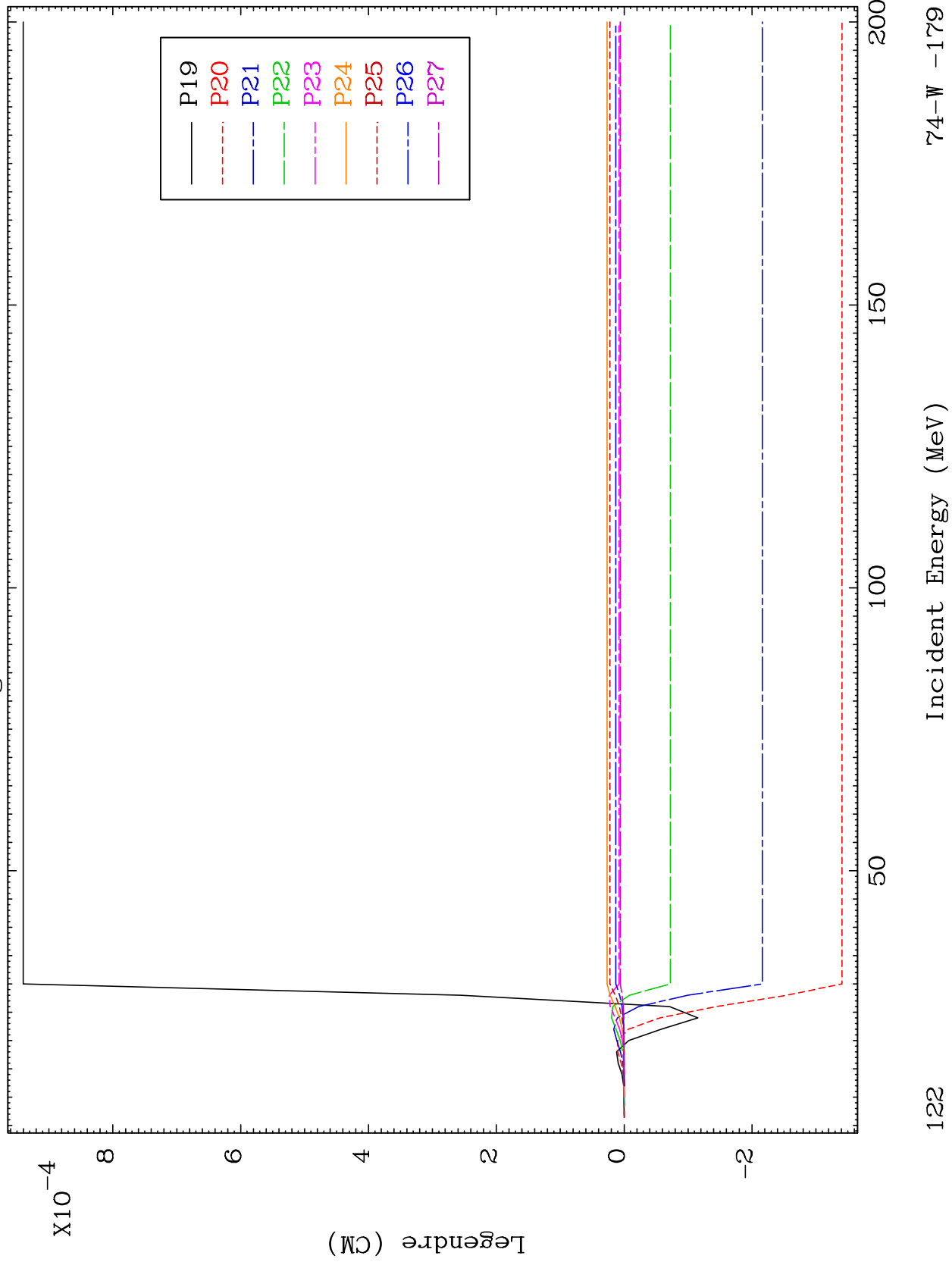
Incident Energy (MeV)

74-W -179

MAT 7422

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

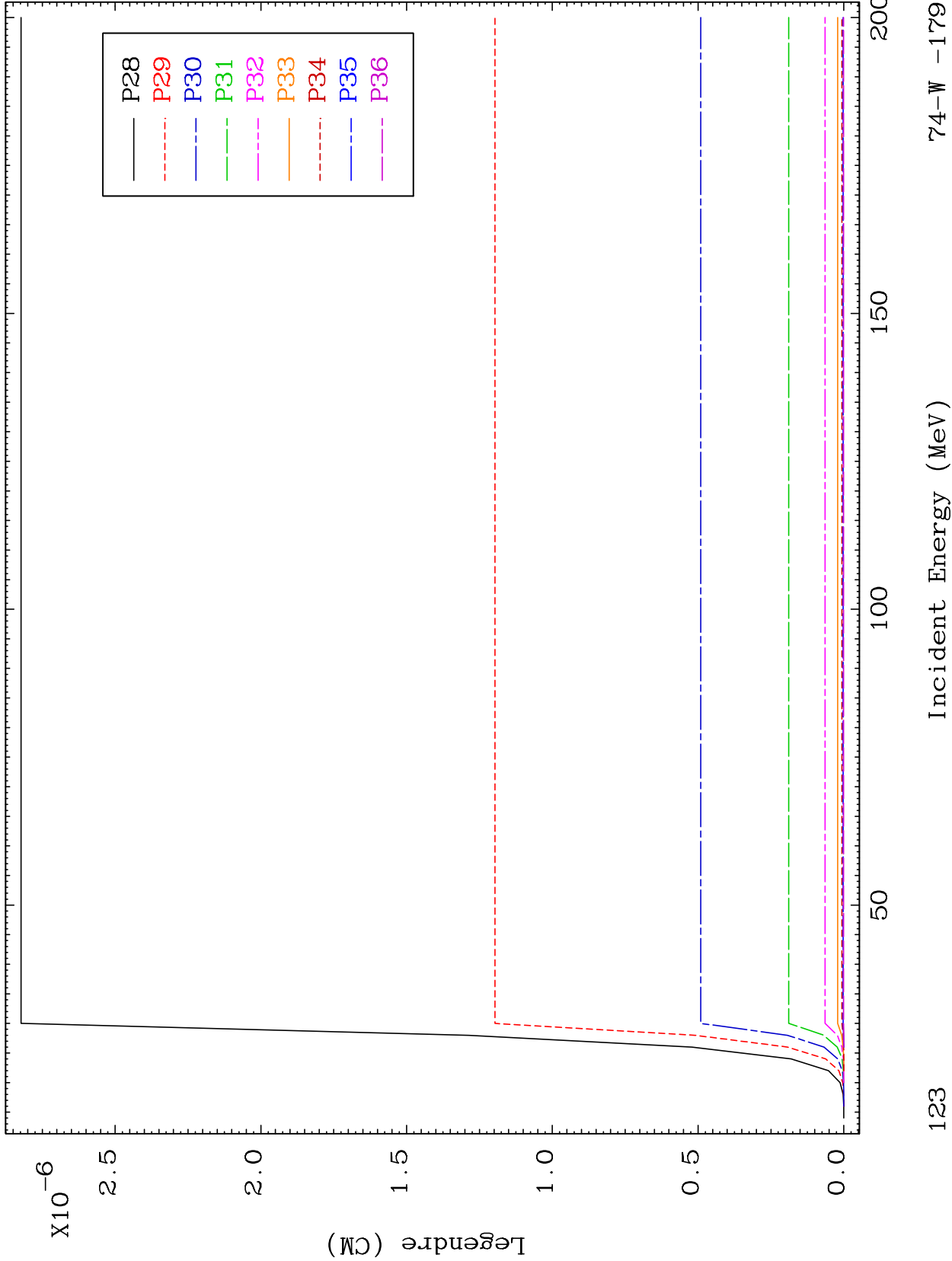
74-W -179



122

Incident Energy (MeV)

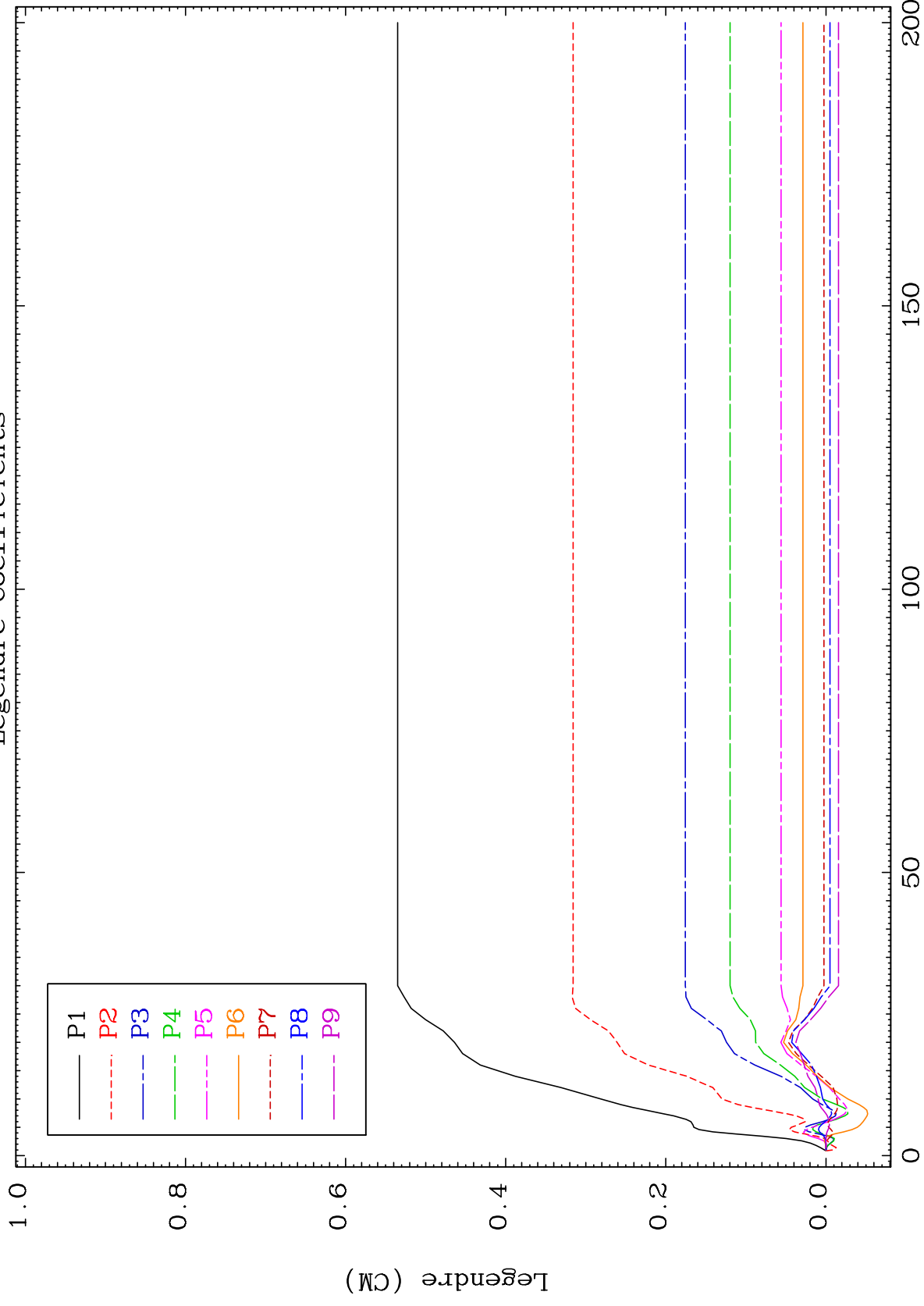
74-W -179



MAT 7422

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

74-W -179



74-W -179

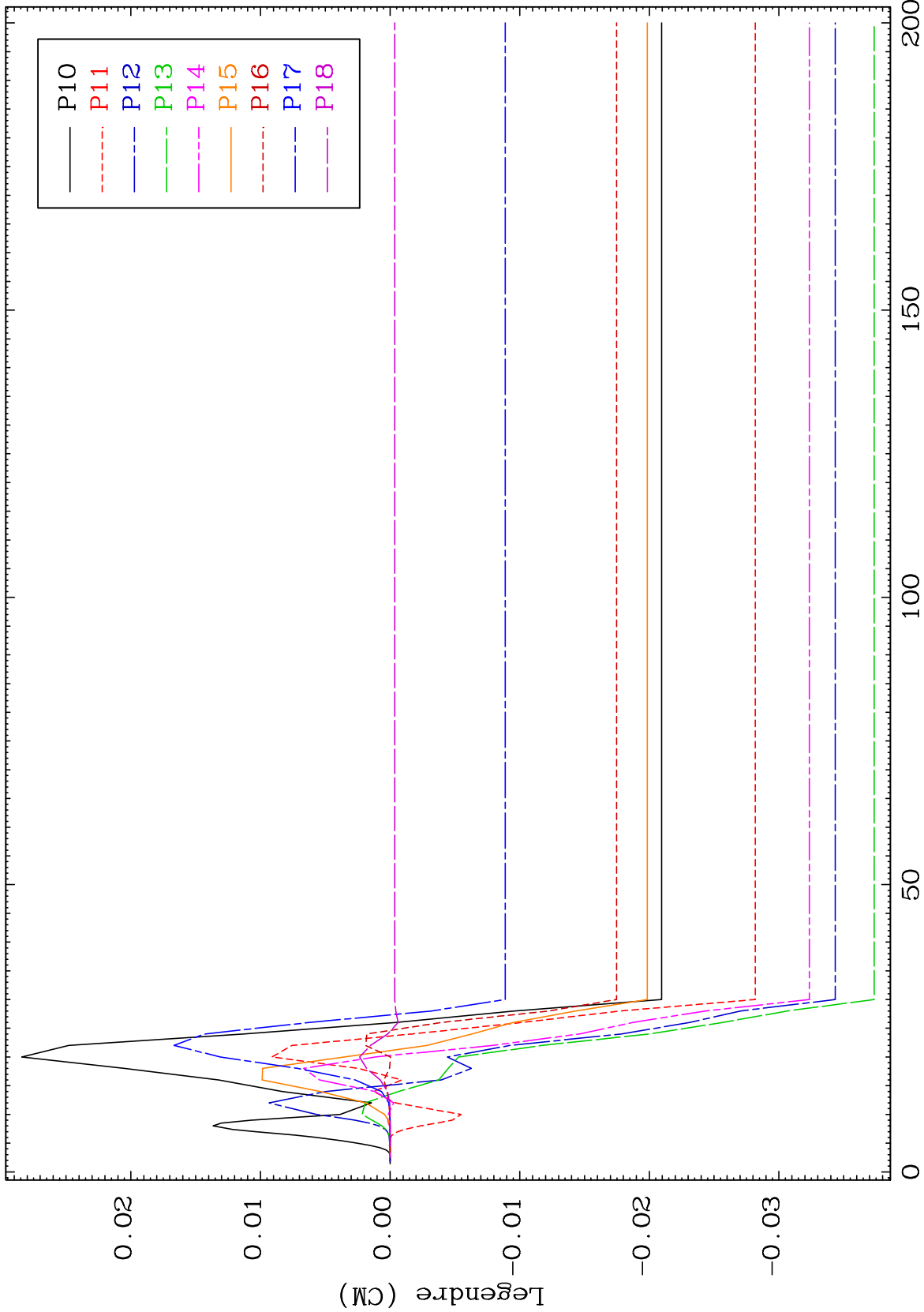
Incident Energy (MeV)

124

MAT 7422

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

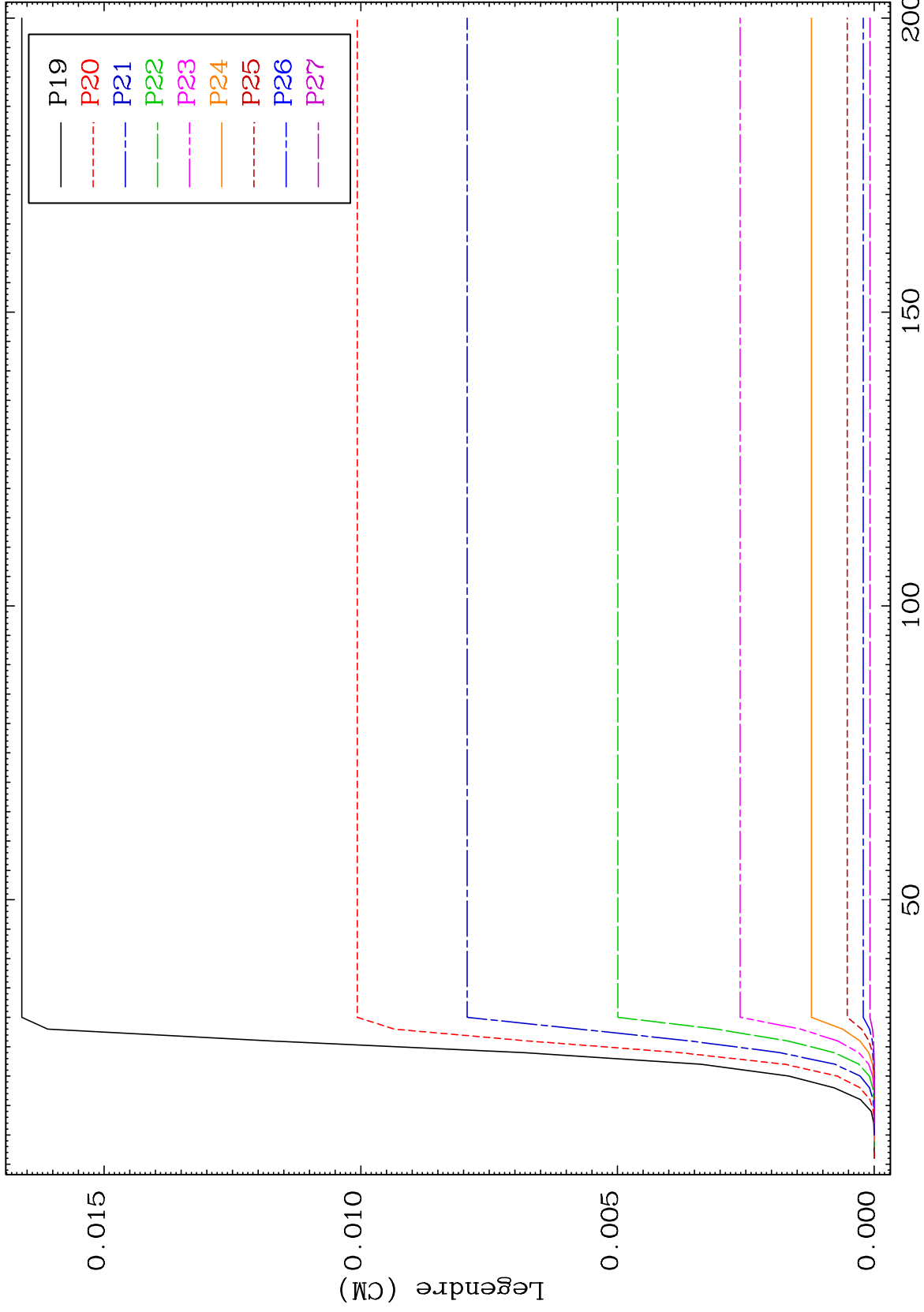
74-W -179



125

Incident Energy (MeV)

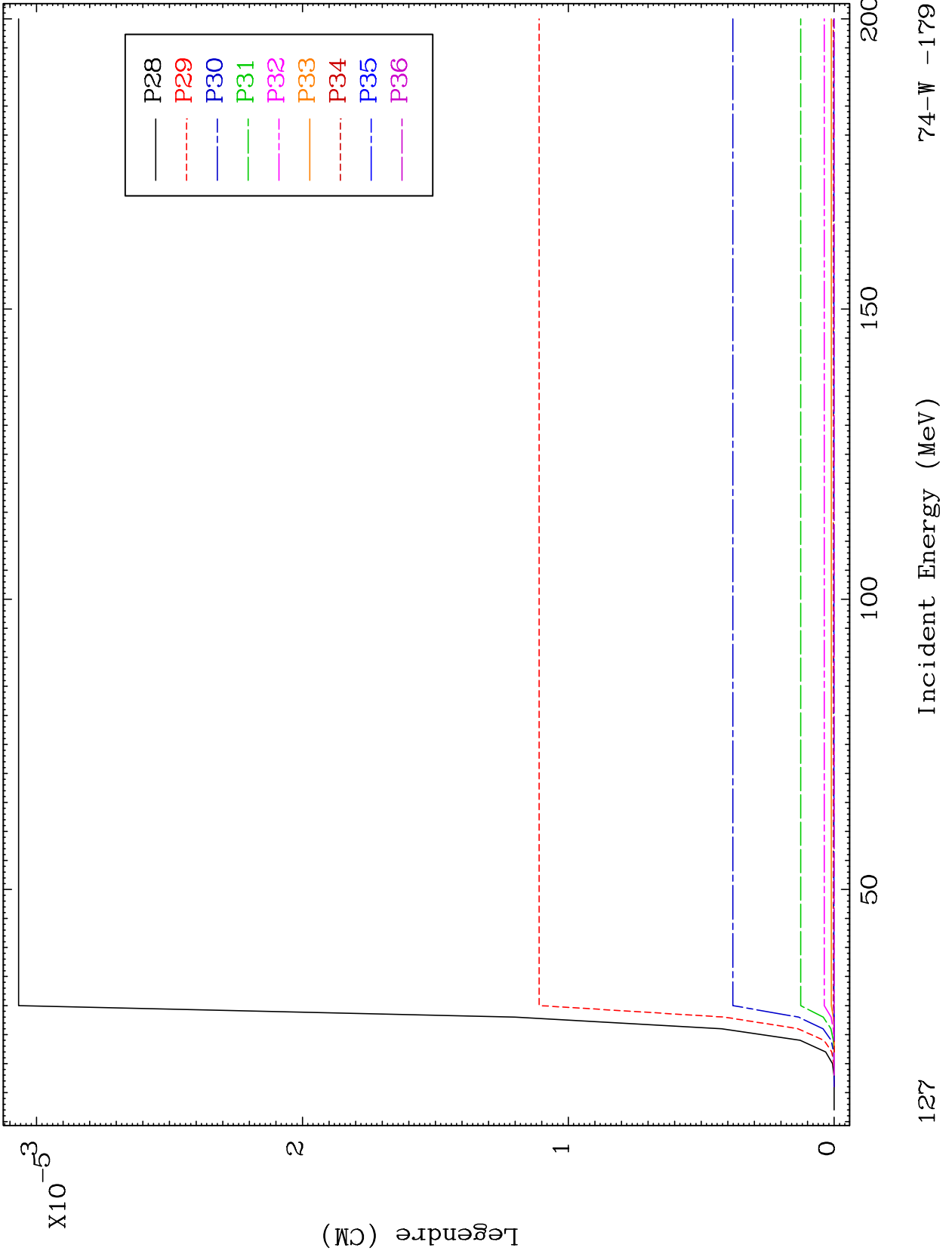
74-W -179



MAT 7422

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

74-W -179

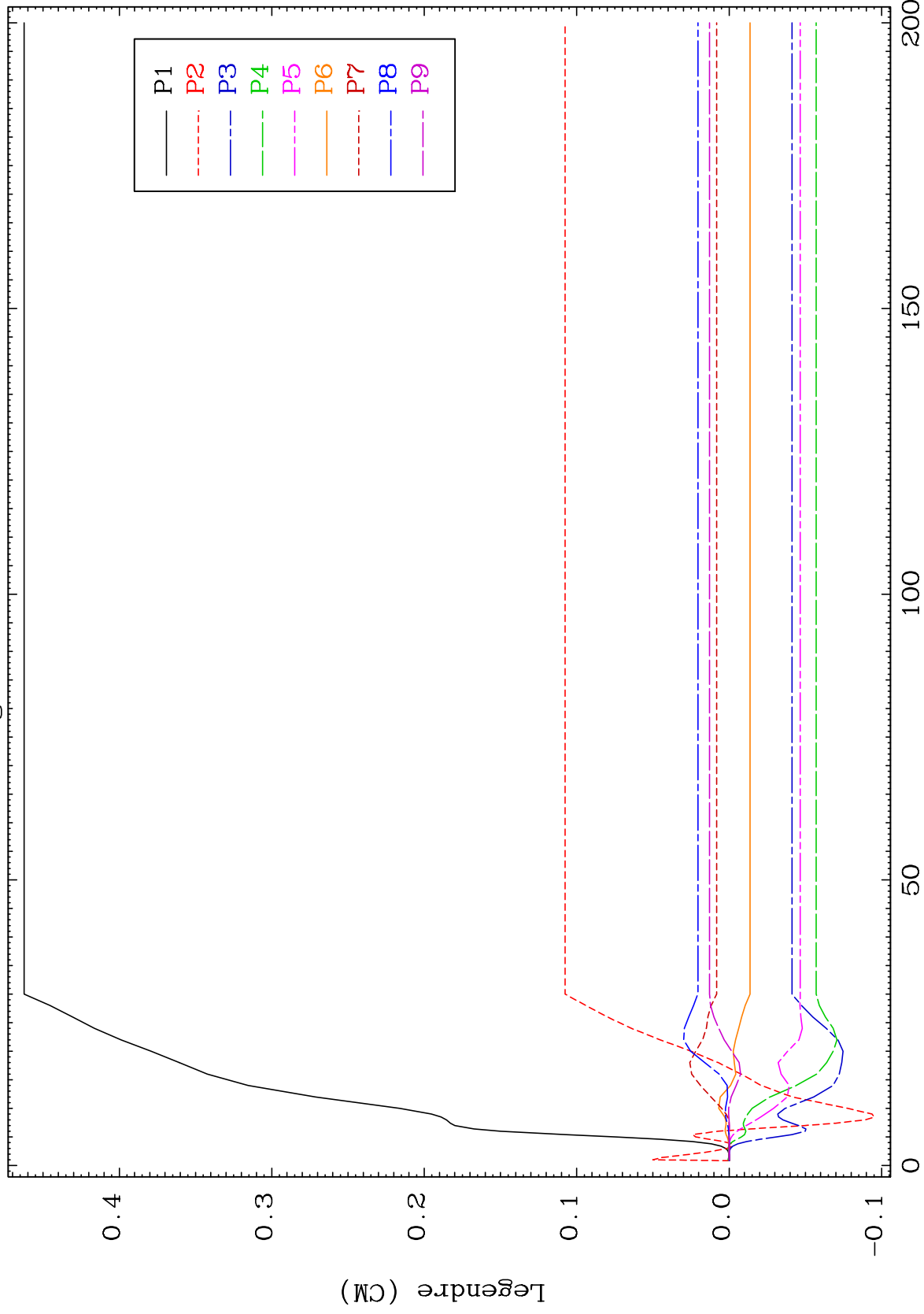




MAT 7422

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

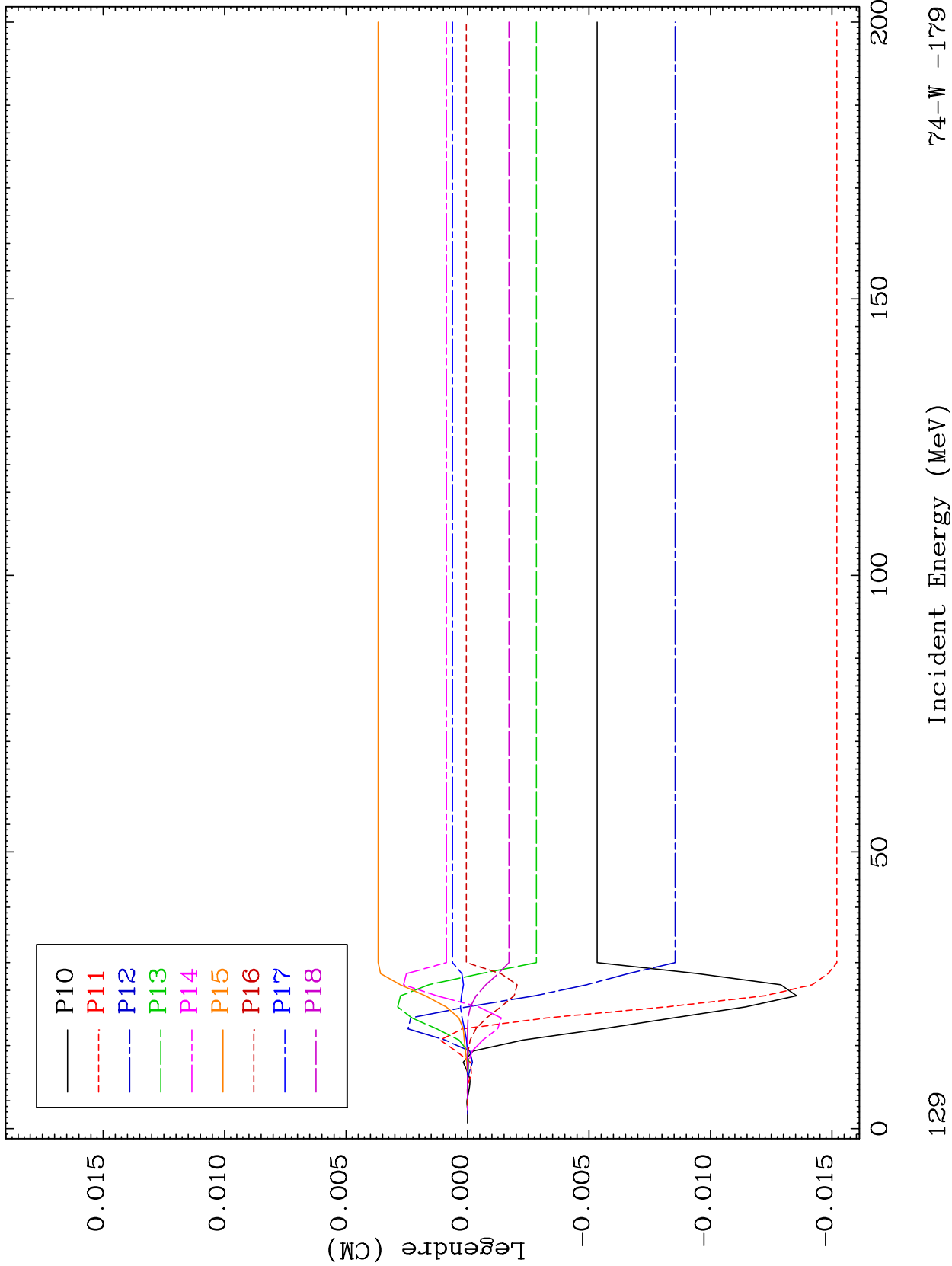
74-W -179



128

Incident Energy (MeV)

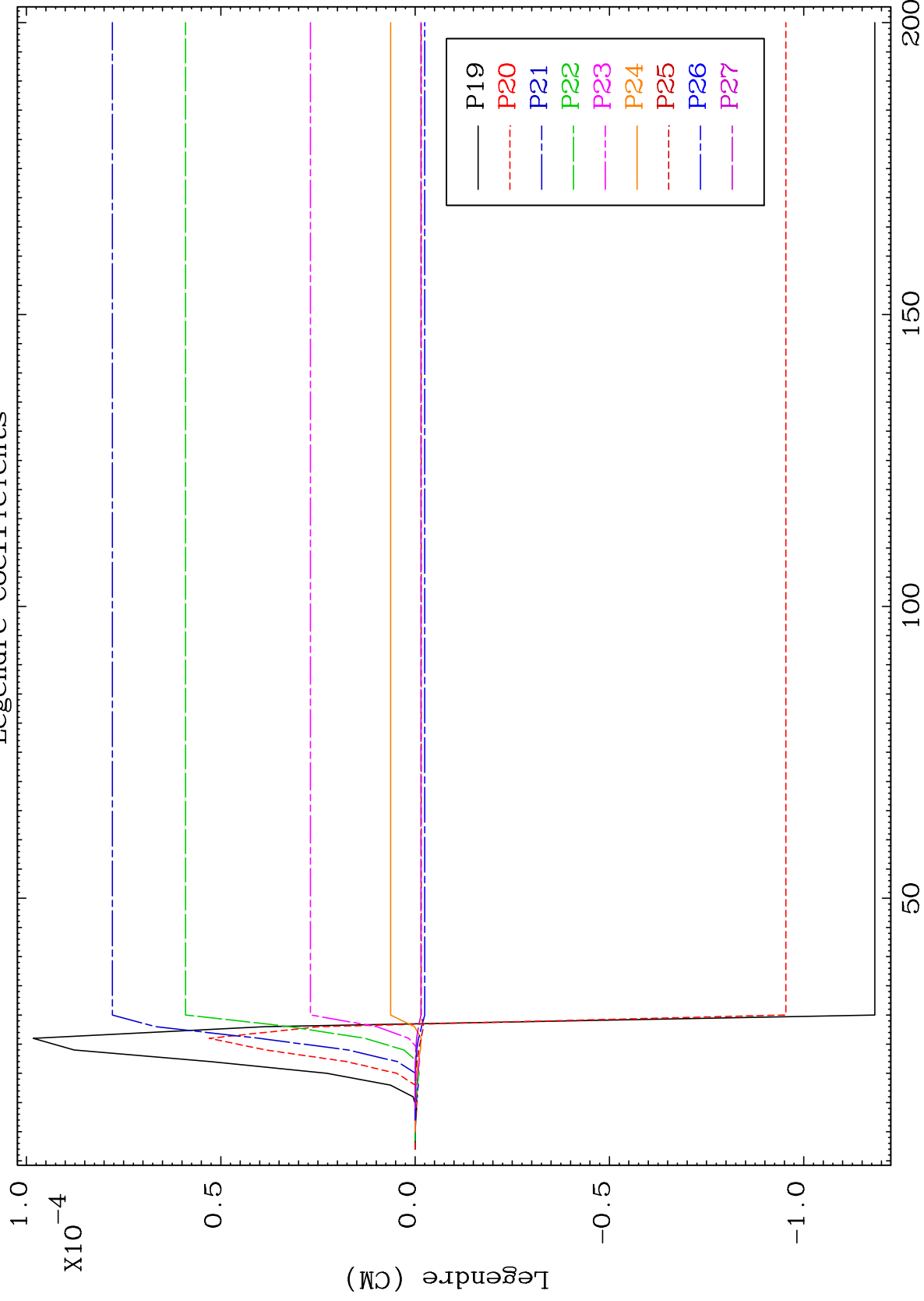
74-W -179



MAT 7422

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

74-W -179



130

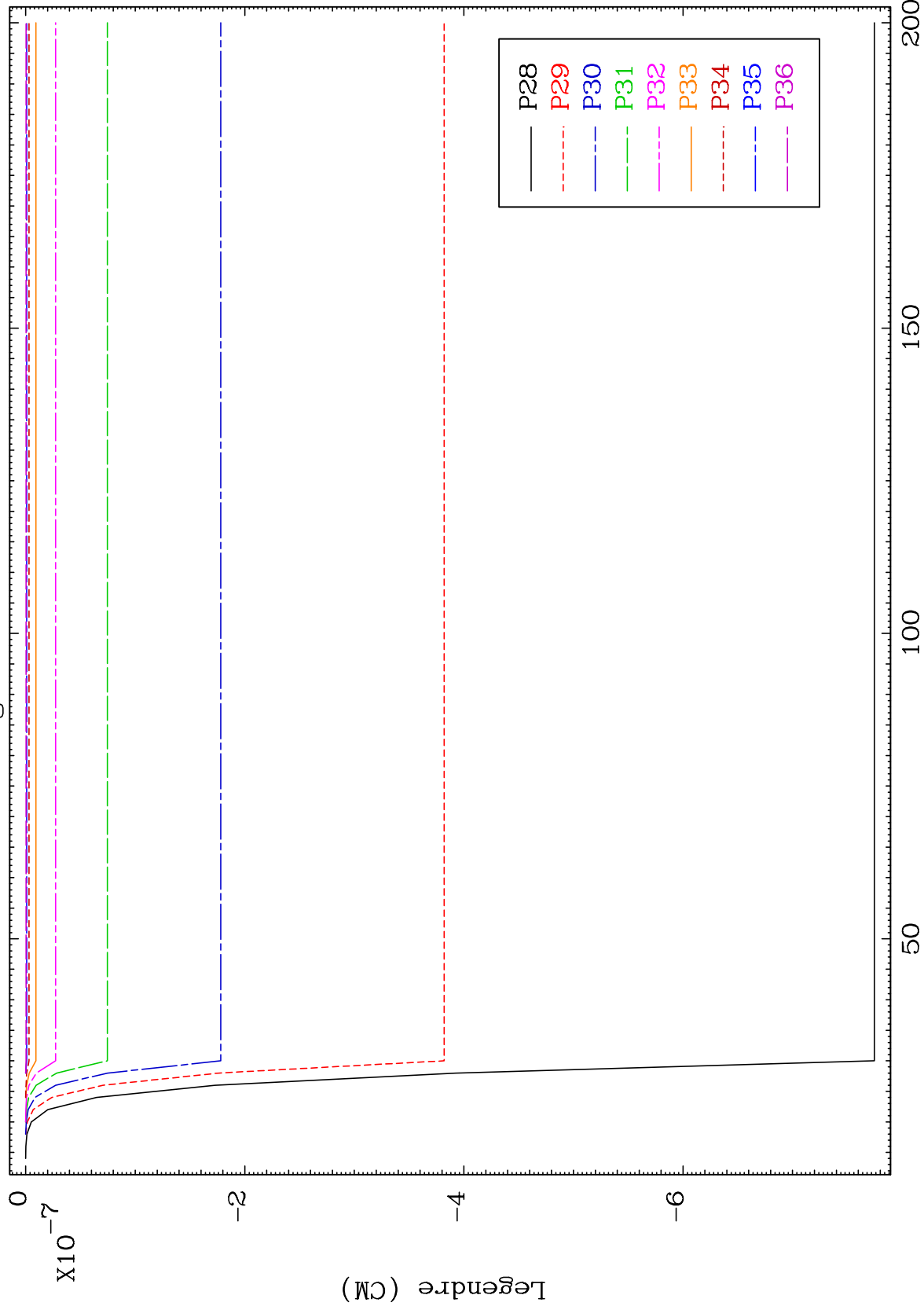
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



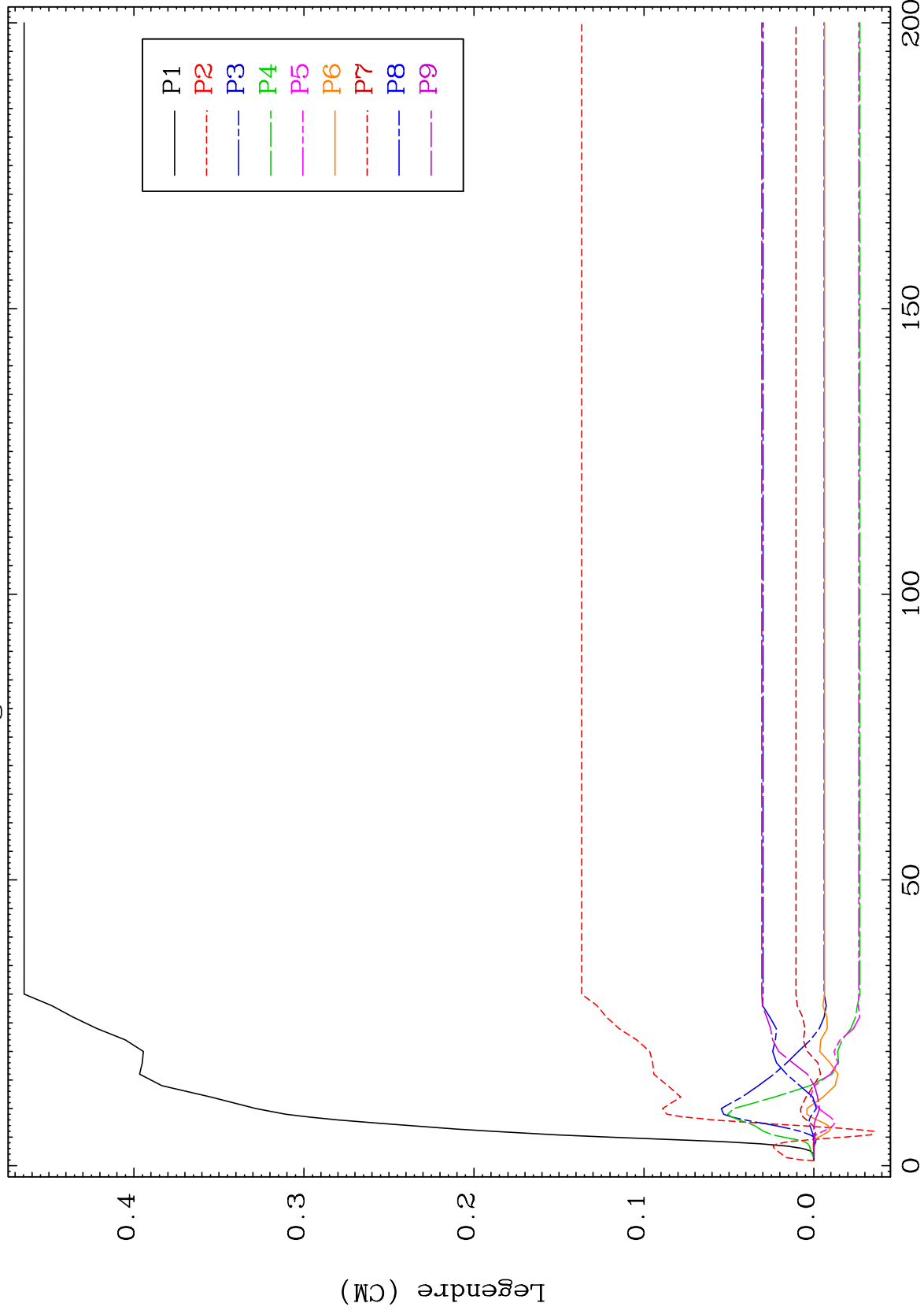
131

74-W -179

MAT 7422

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

74-W -179



132

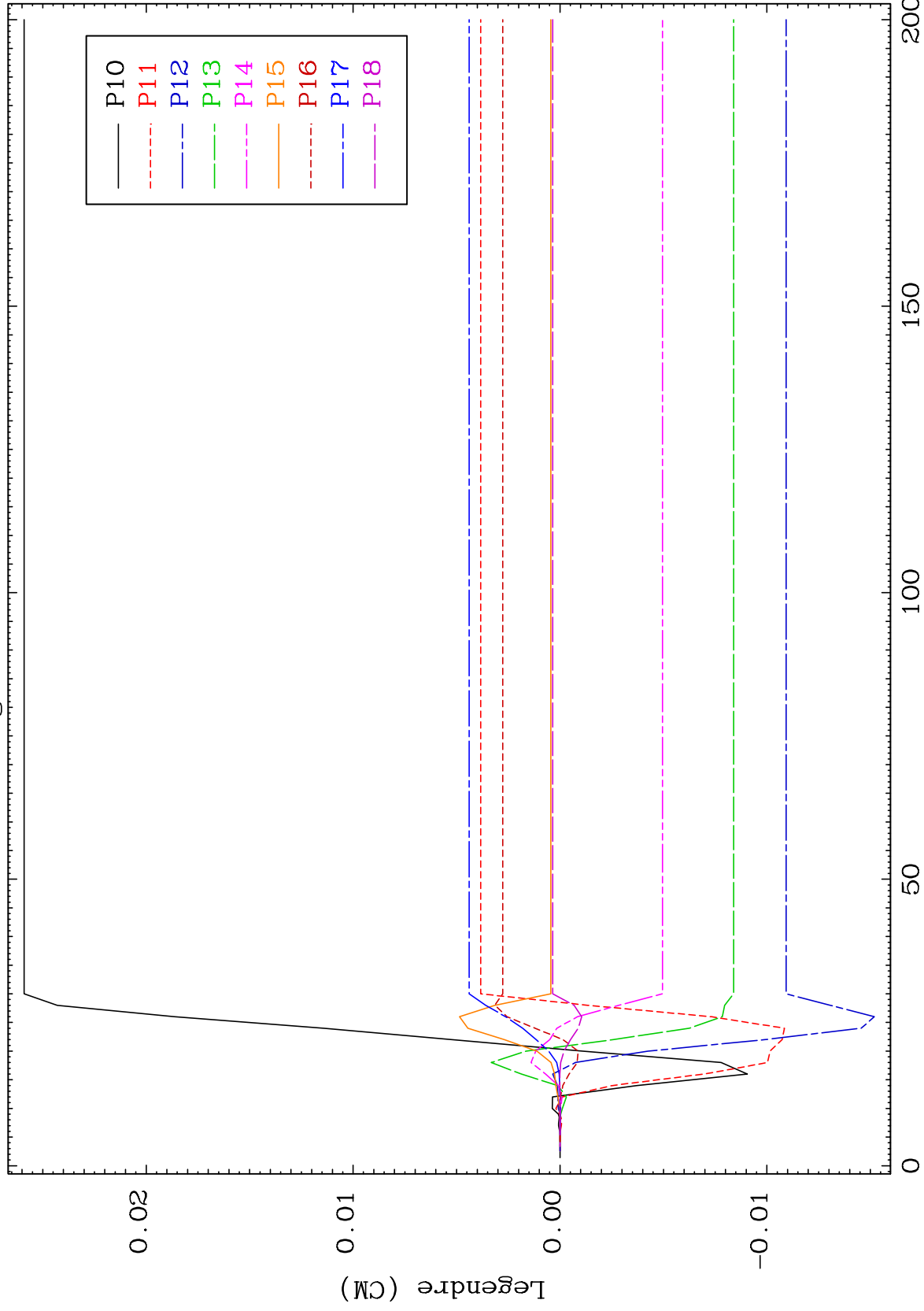
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



133

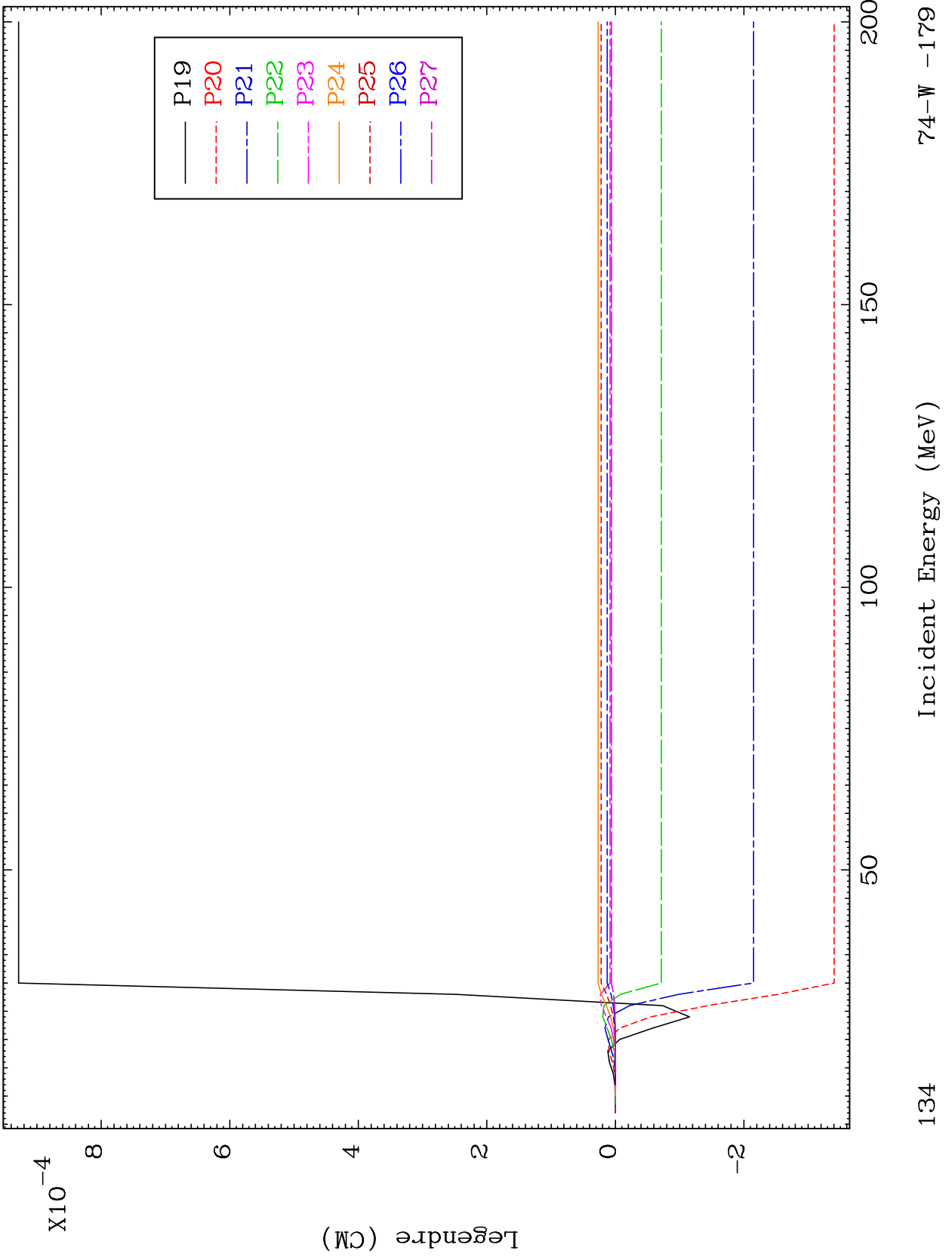
Incident Energy (MeV)

74-W -179

MAT 7422

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

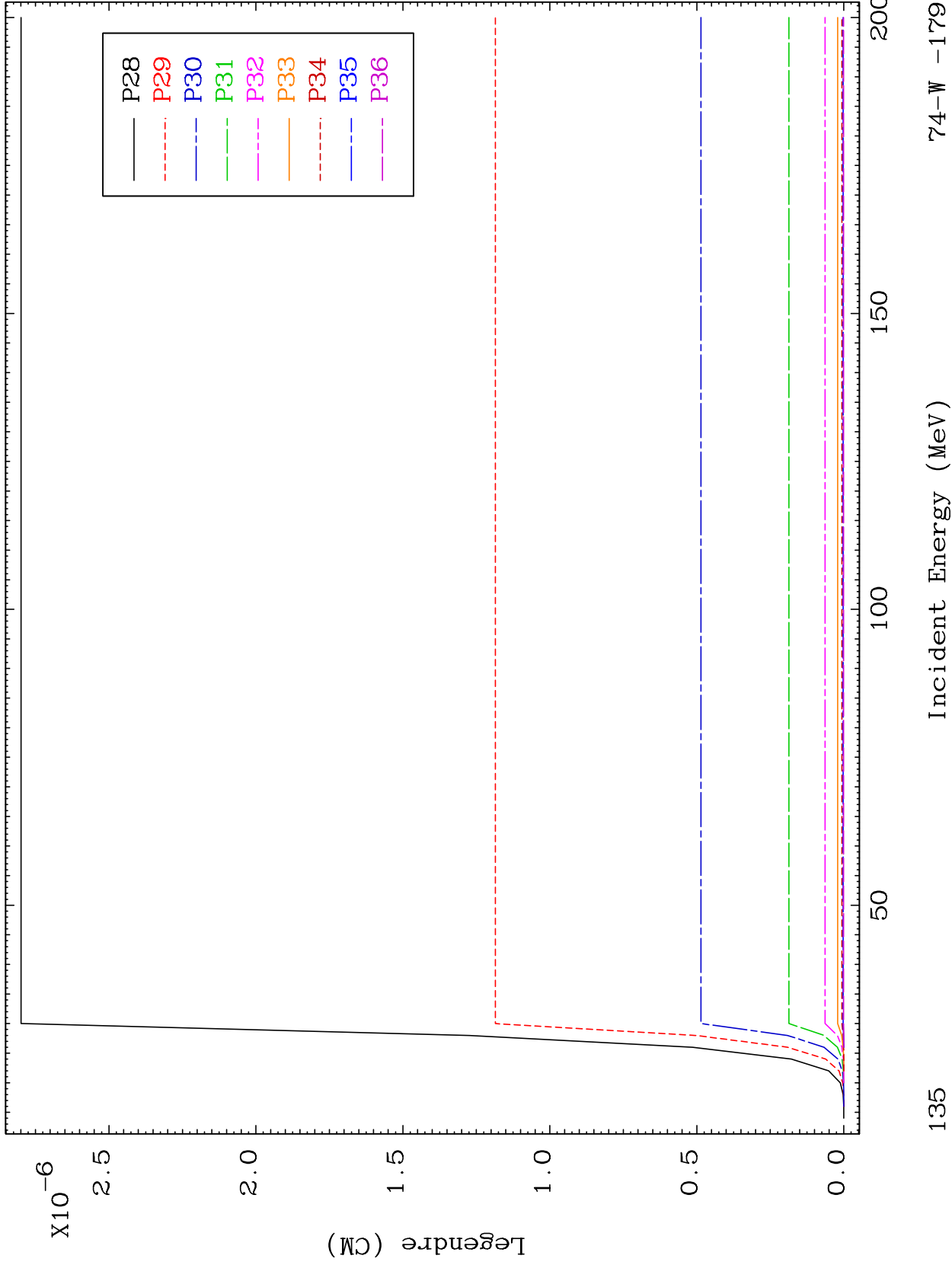
74-W -179



MAT 7422

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

74-W -179

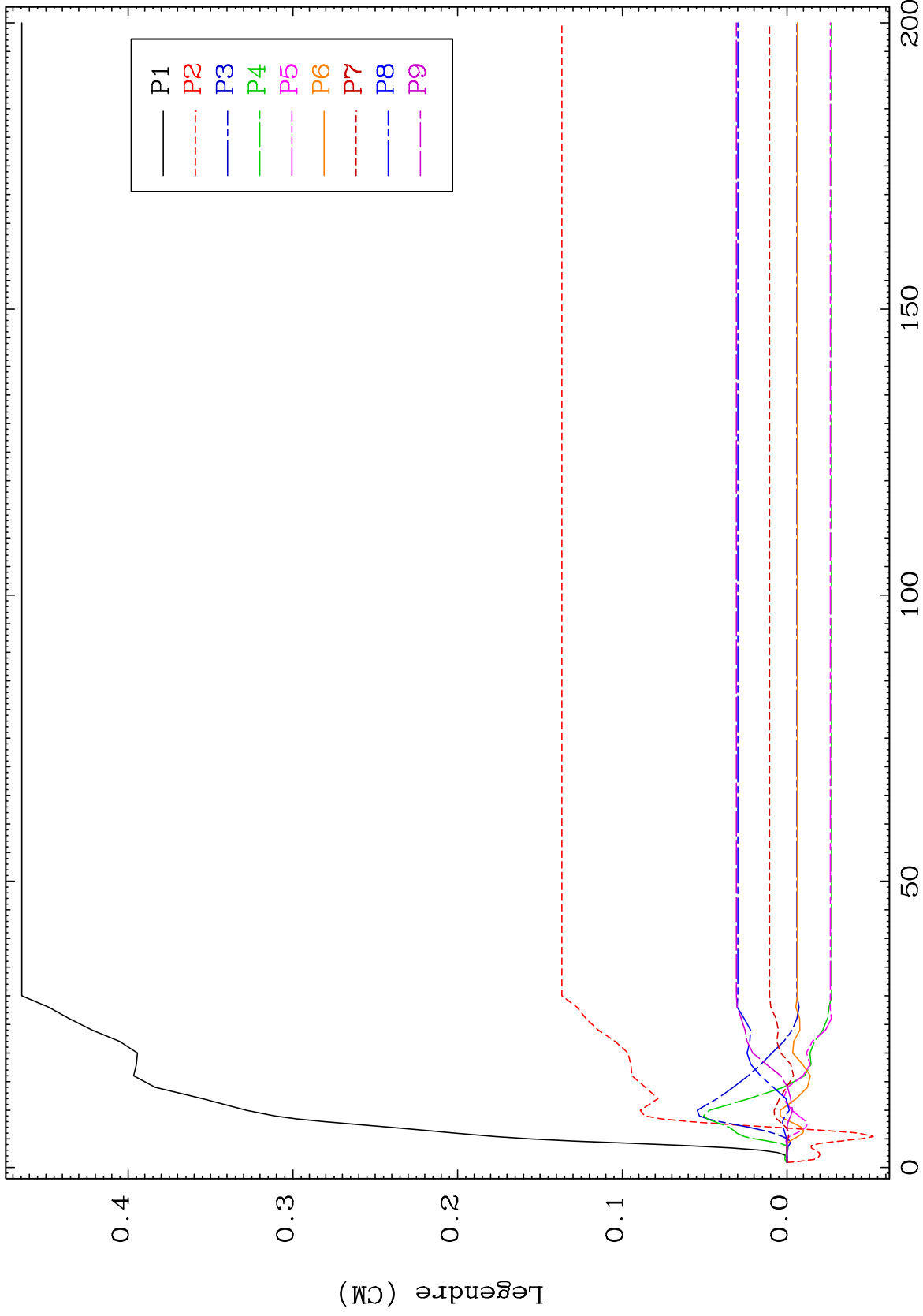


135

Incident Energy (MeV)

74-W -179

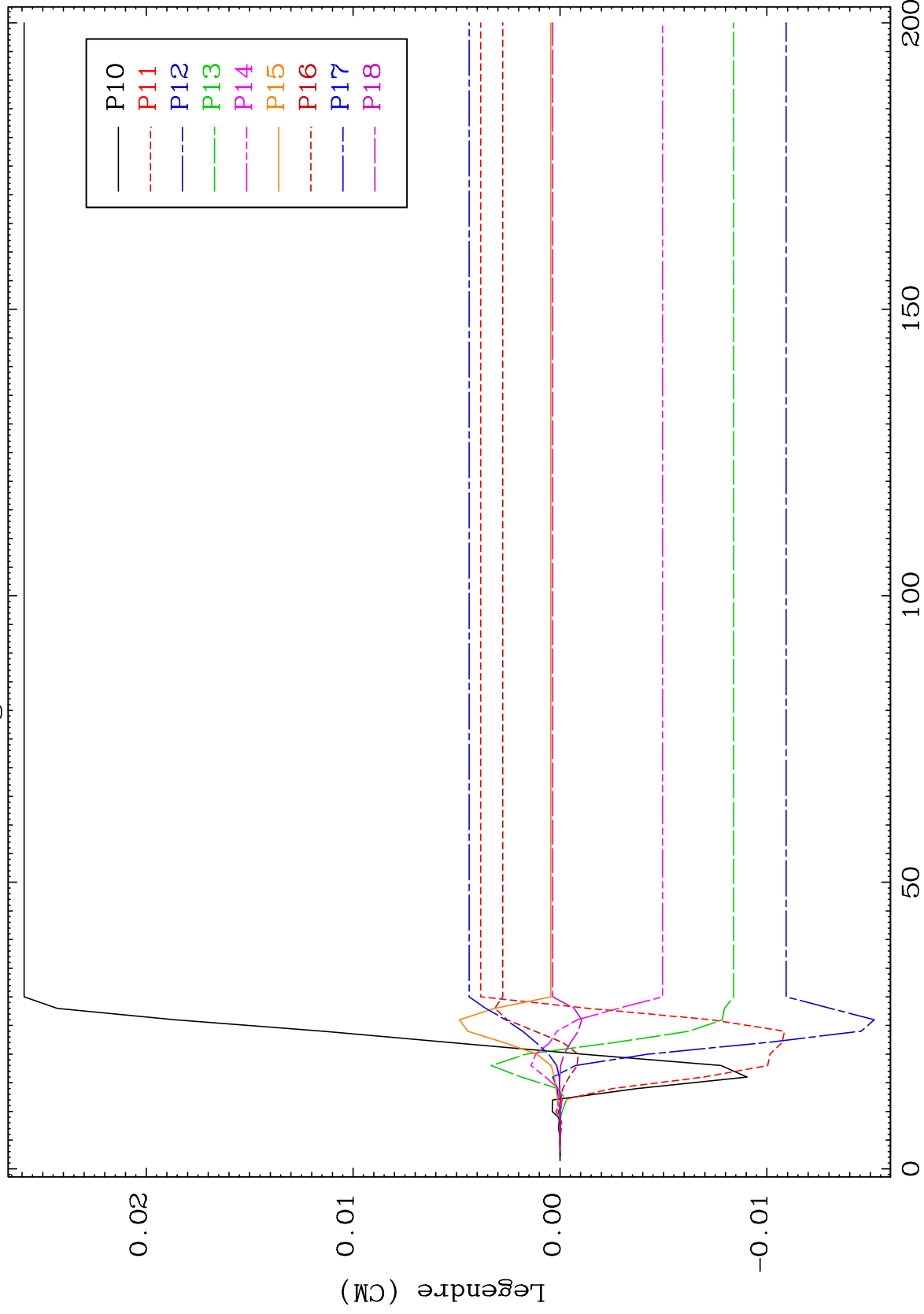




MAT 7422

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

74-W -179



137

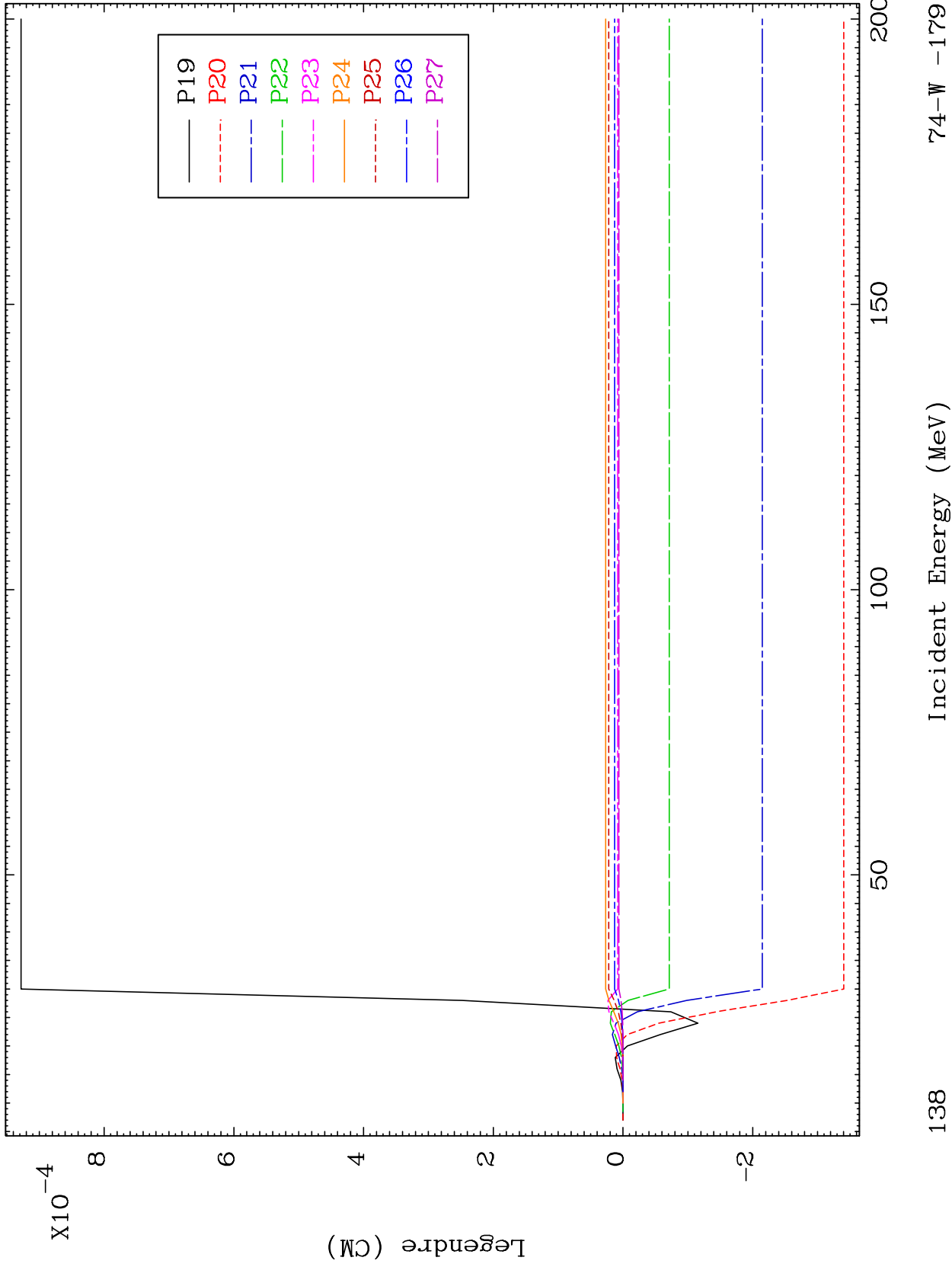
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



138

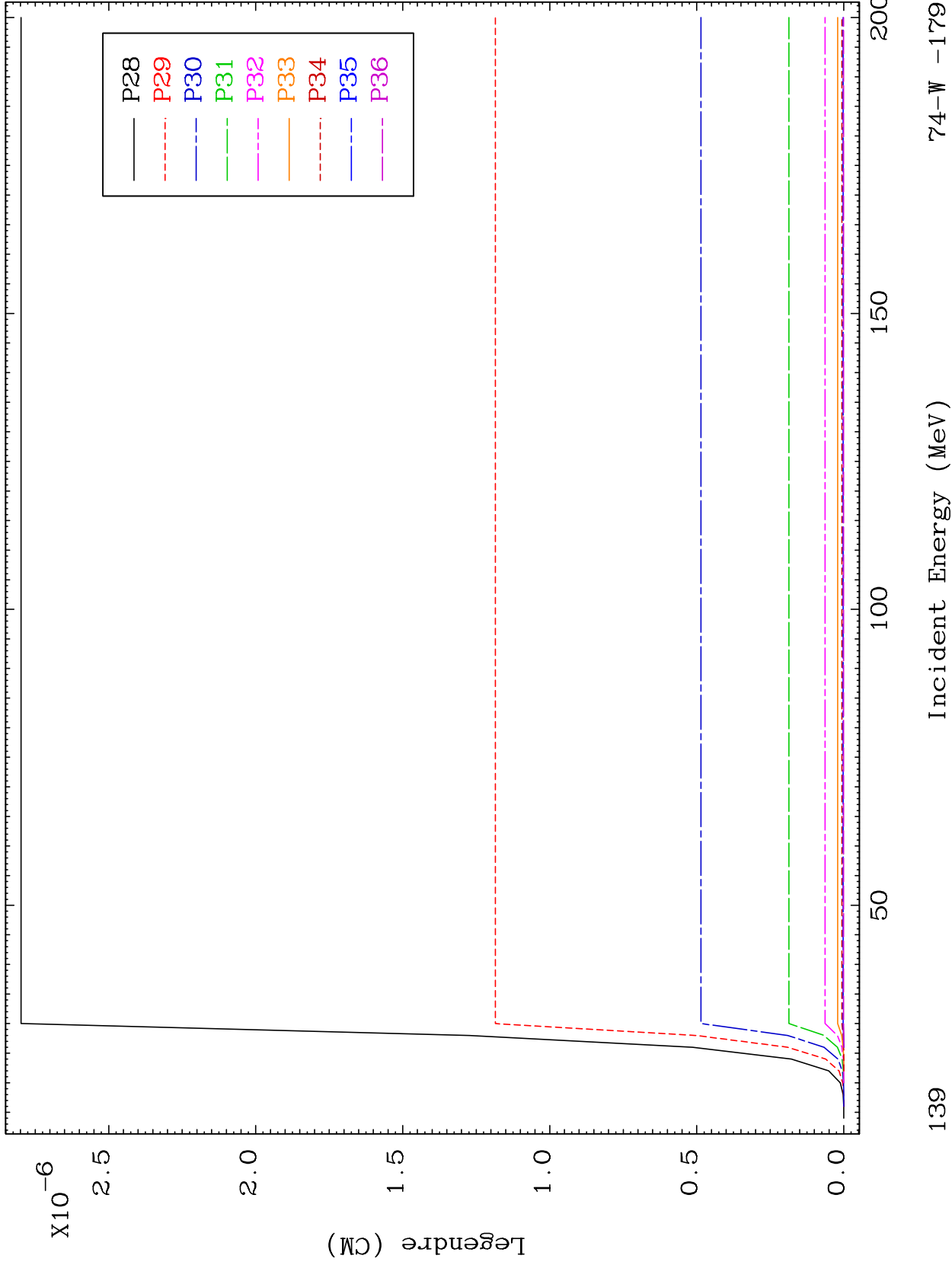
Incident Energy (MeV)

74-W -179

MAT 7422

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

74-W -179



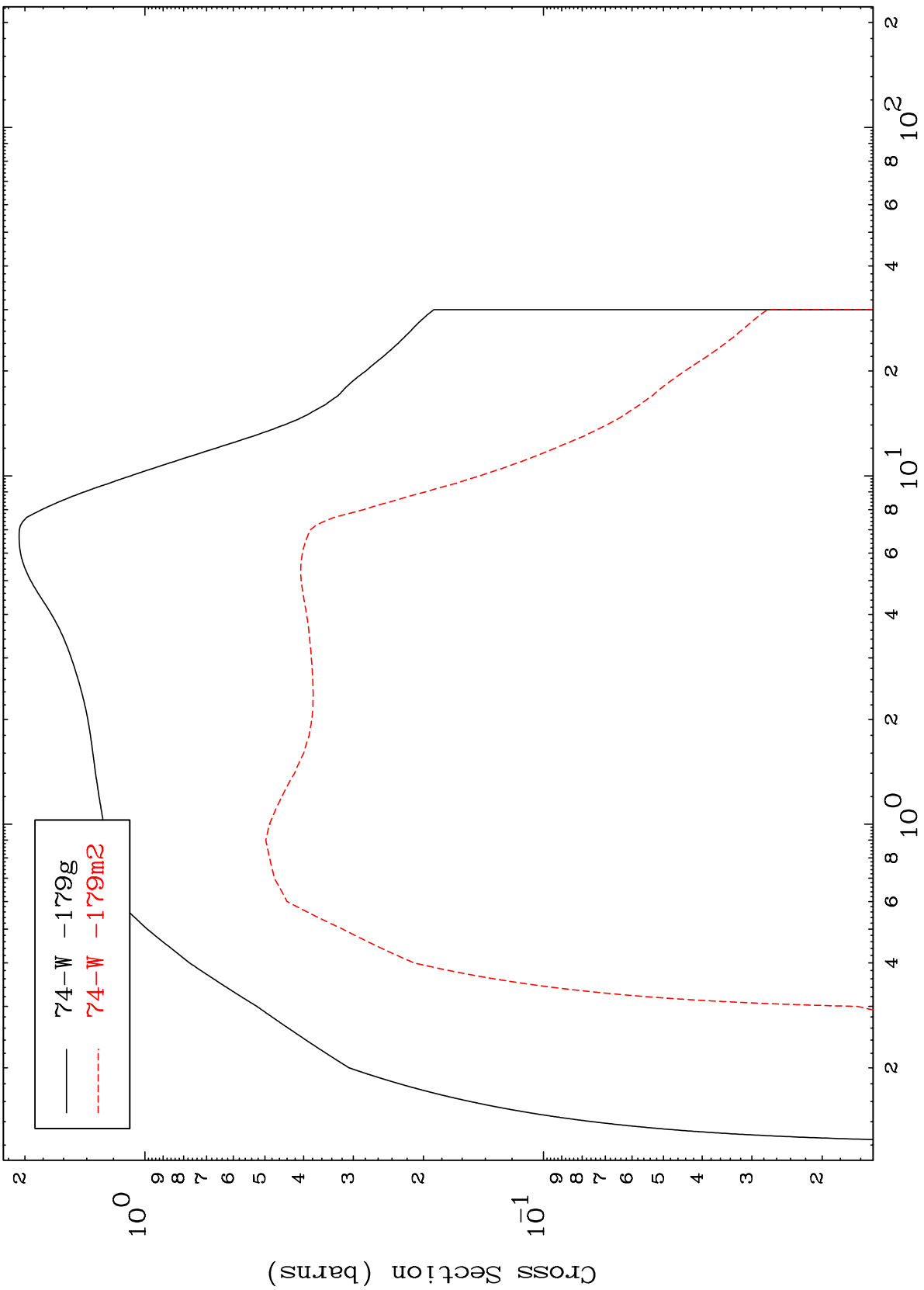
139

74-W -179

MAT 7422

74-W -179

Radionuclide Production Cross Section



74-W -179g  
74-W -179m2

74-W -179

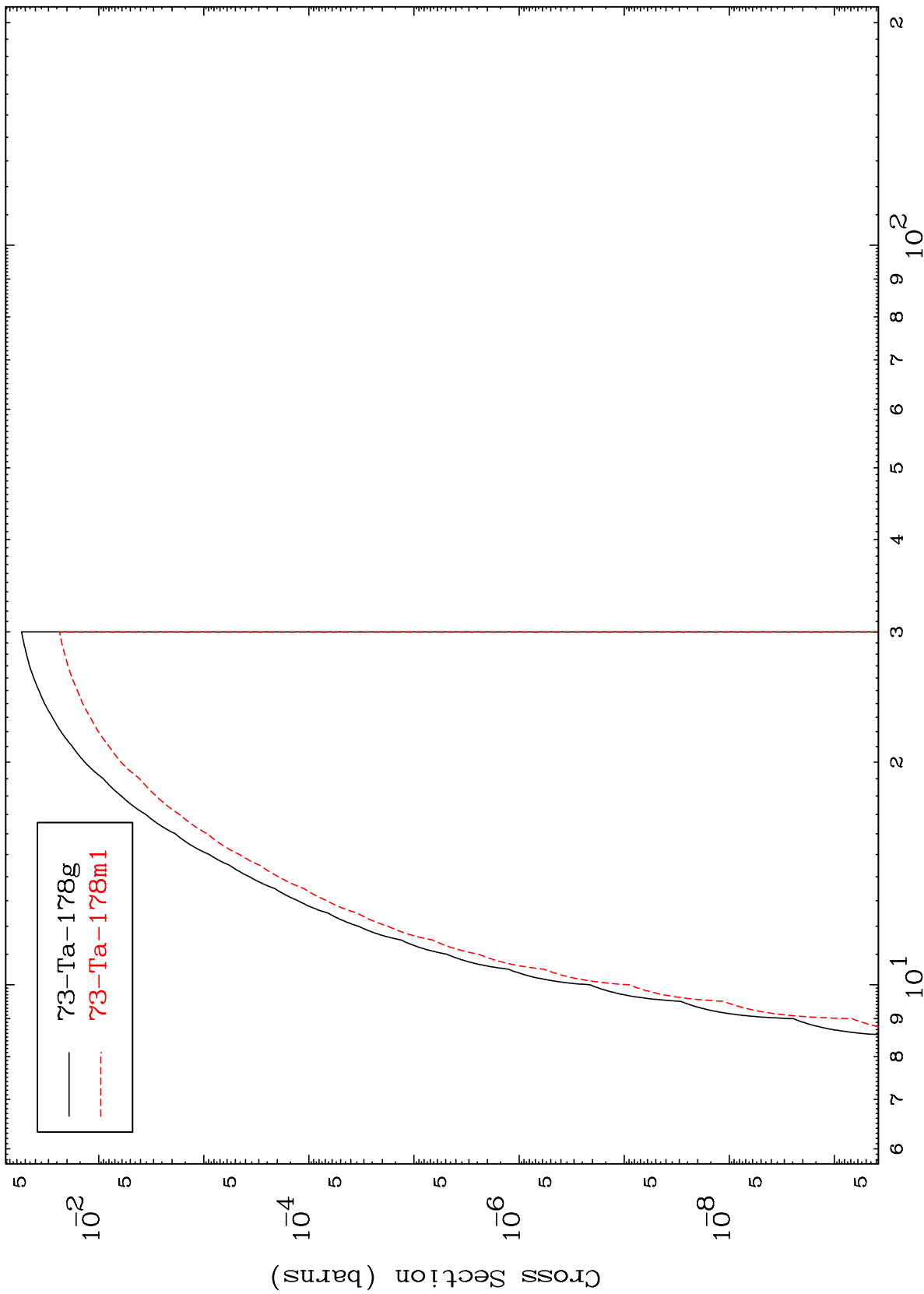
Incident Energy (MeV)

140

MAT 7422

74-W -179

(n,n') p  
Radionuclide Production Cross Section



141

Incident Energy (MeV)

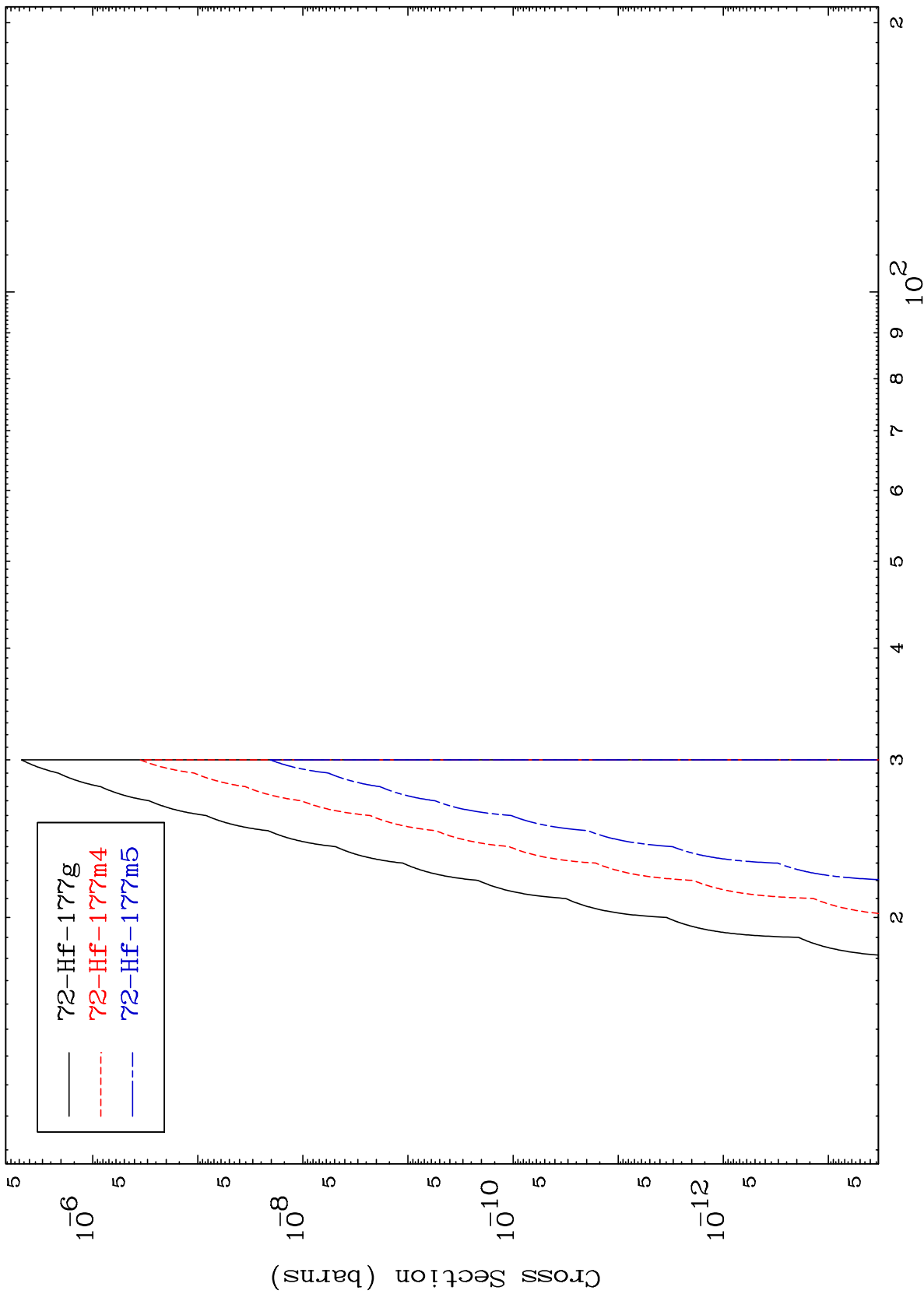
74-W -179

MAT 7422

(n,2n) p

74-W -179

Radionuclide Production Cross Section



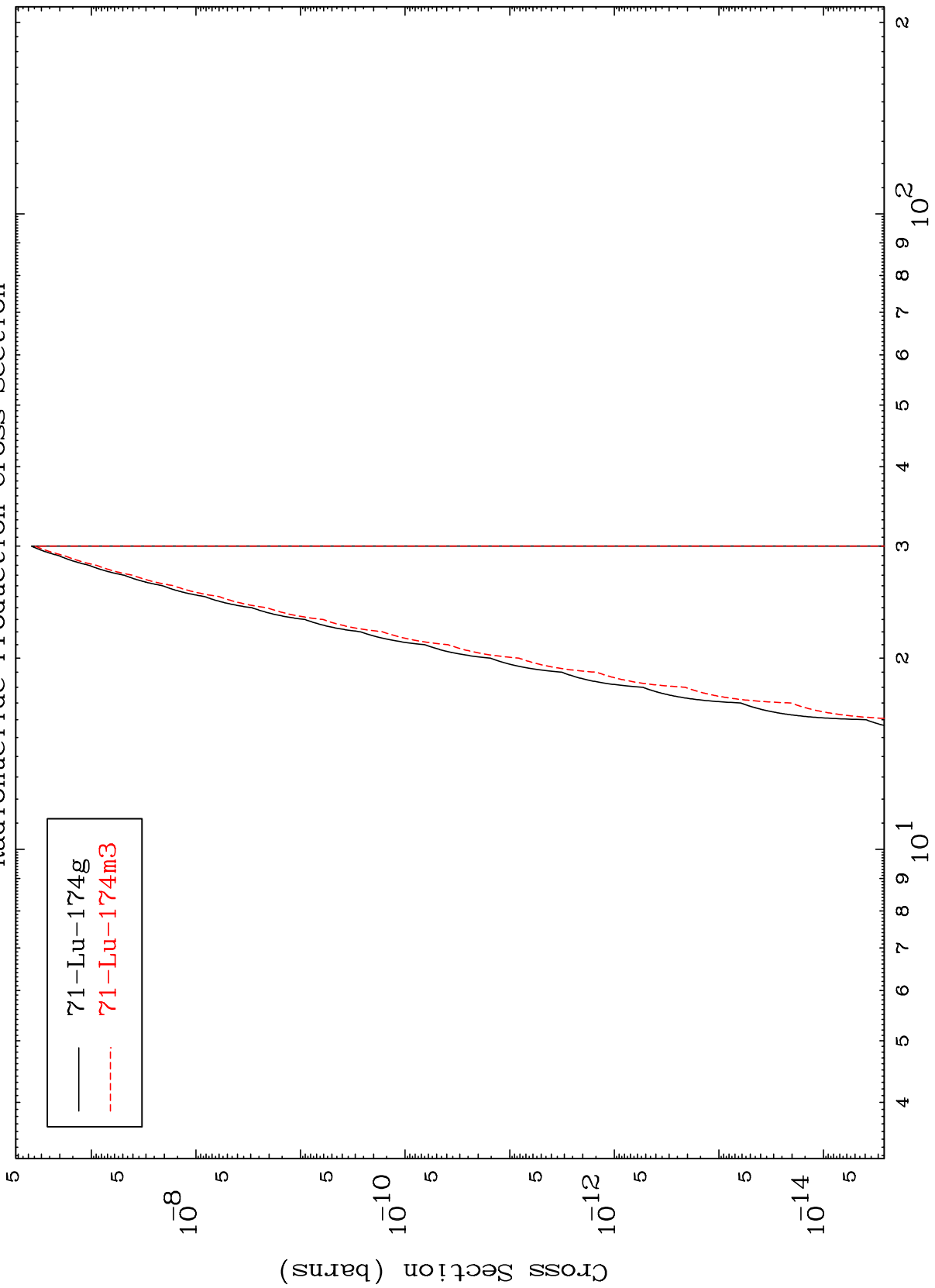
72-Hf-177g  
72-Hf-177m4  
72-Hf-177m5

142

Incident Energy (MeV)

74-W -179

Radionuclide Production Cross Section

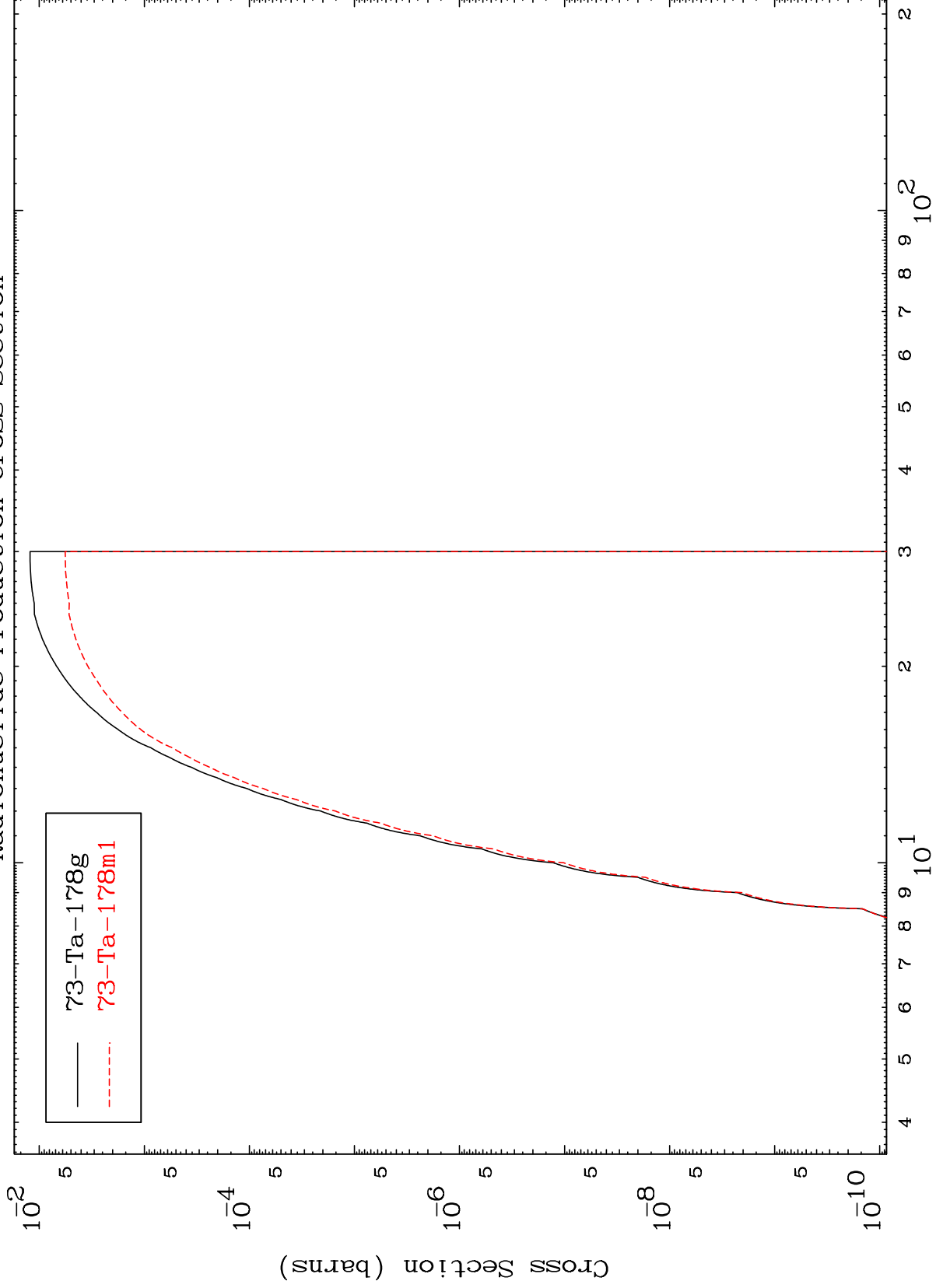




MAT 7422

74-W -179

(n,d)  
Radionuclide Production Cross Section



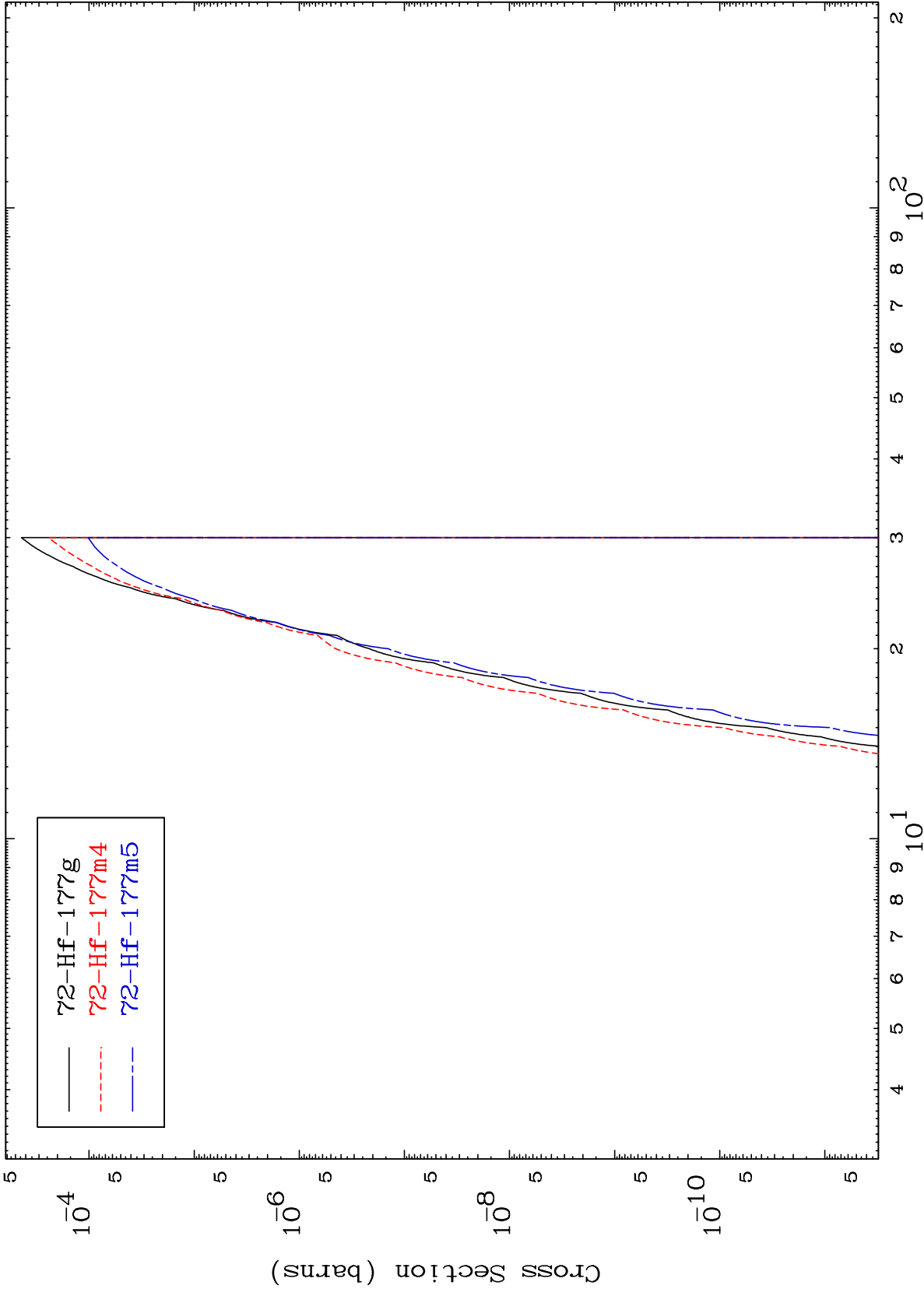
73-Ta-178g  
73-Ta-178m1

74-W -179

Incident Energy (MeV)

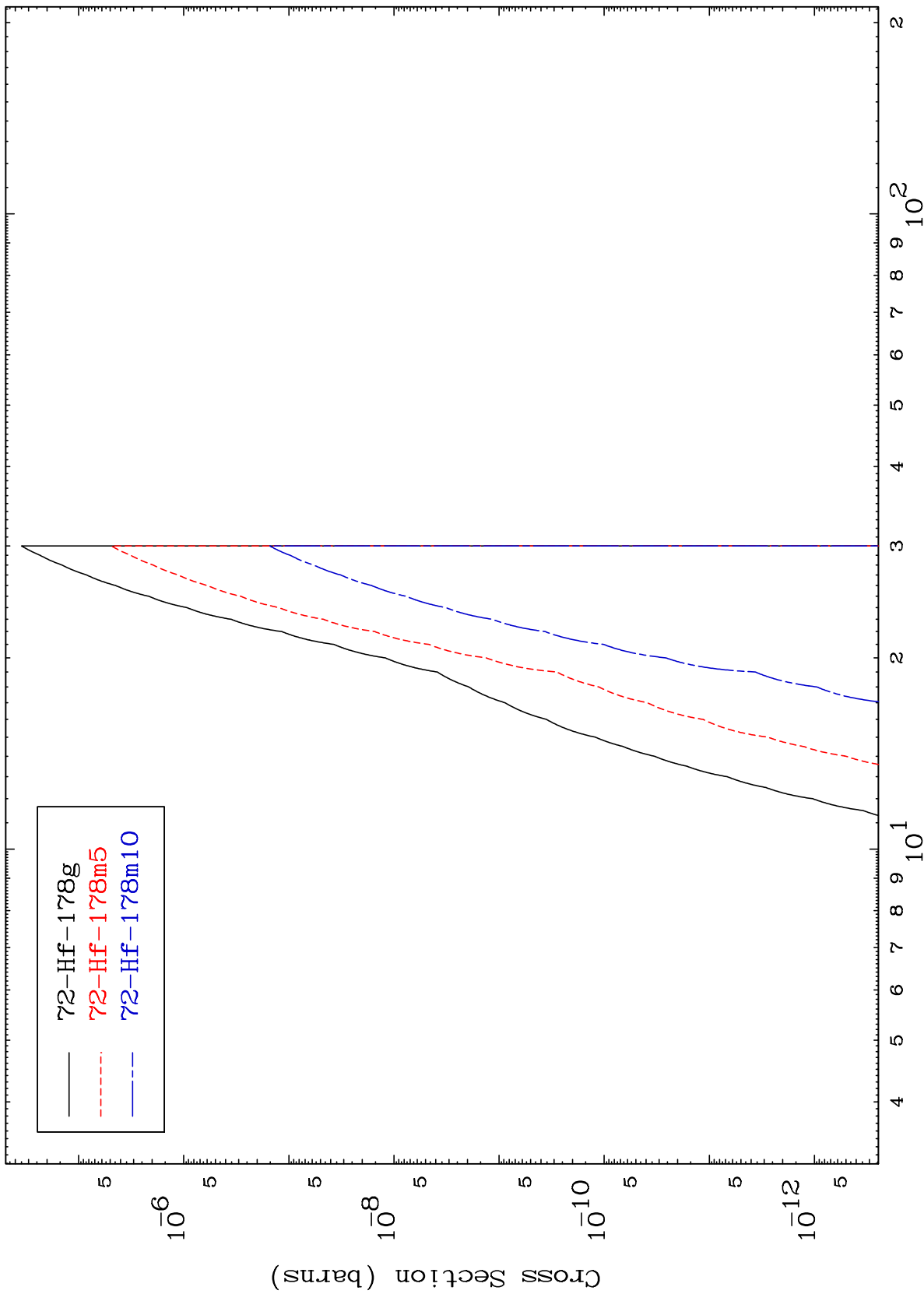
144

Radionuclide Production Cross Section

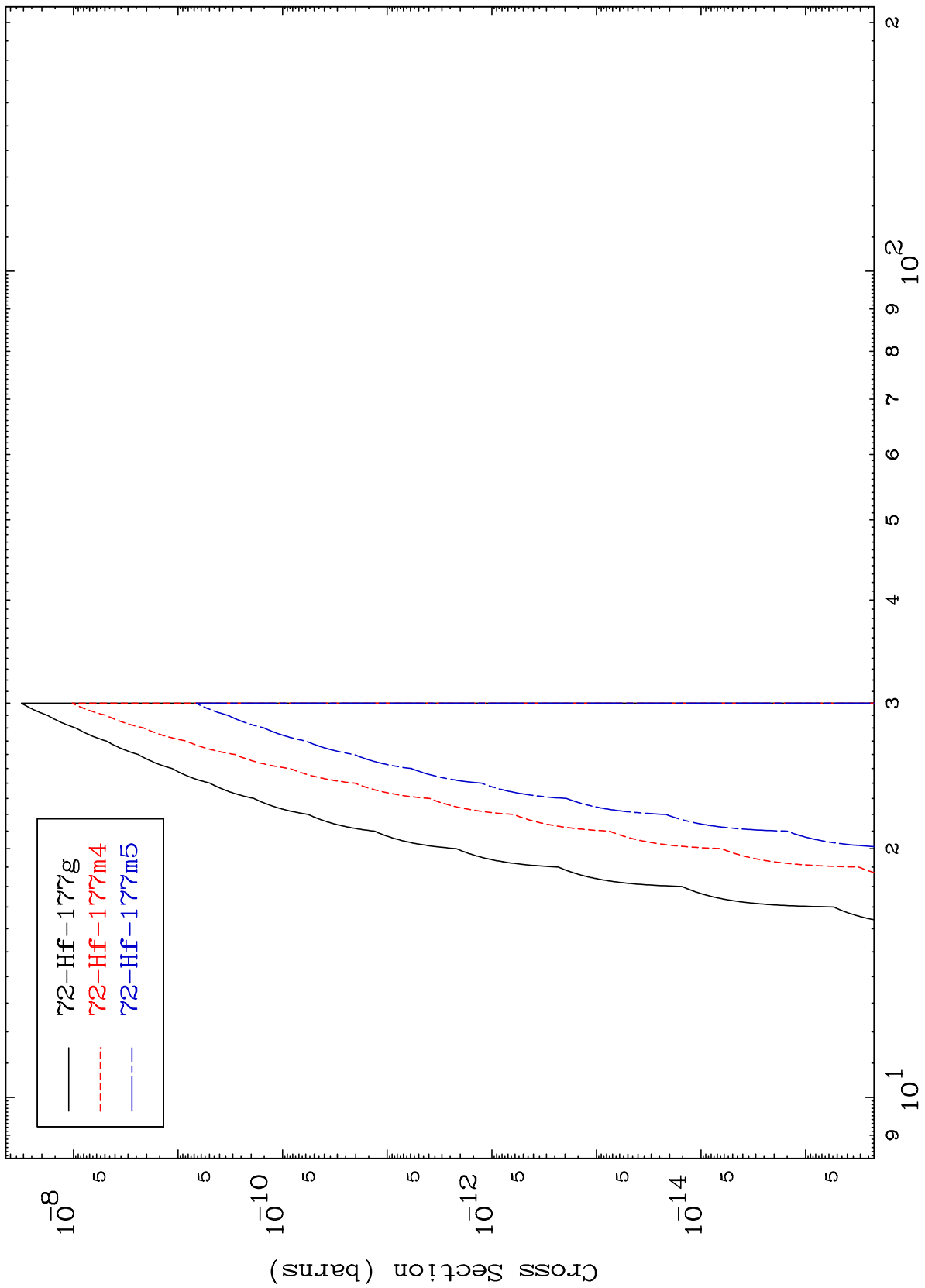


72-Hf-177g  
72-Hf-177m4  
72-Hf-177m5

(n,2p)  
Radionuclide Production Cross Section



Radionuclide Production Cross Section

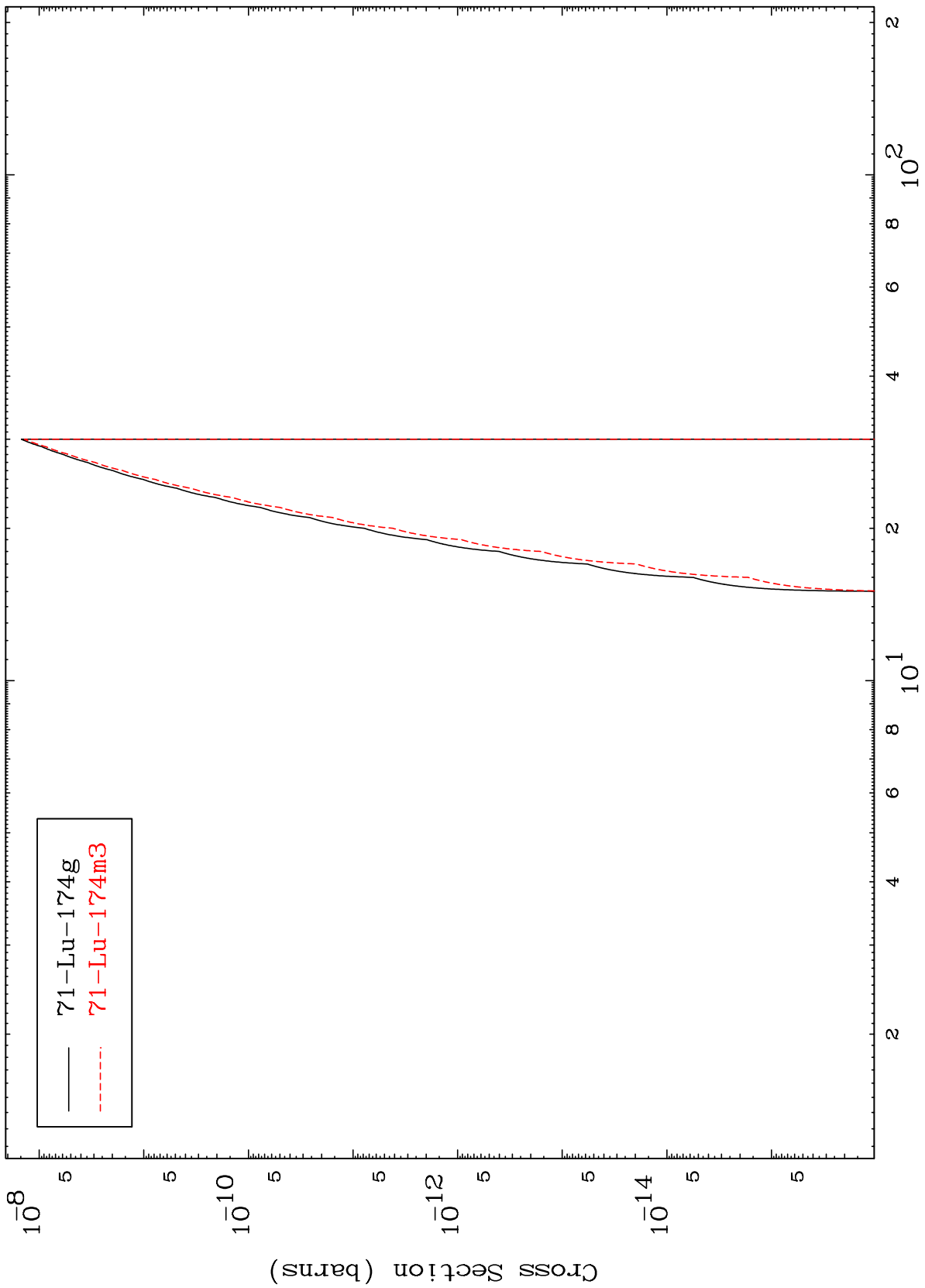


MAT 7422

(n,d)  $\alpha$

74-W -179

Radionuclide Production Cross Section



—  $^{71}\text{Lu-174g}$   
- - -  $^{71}\text{Lu-174m3}$

148

Incident Energy (MeV)

74-W -179