

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

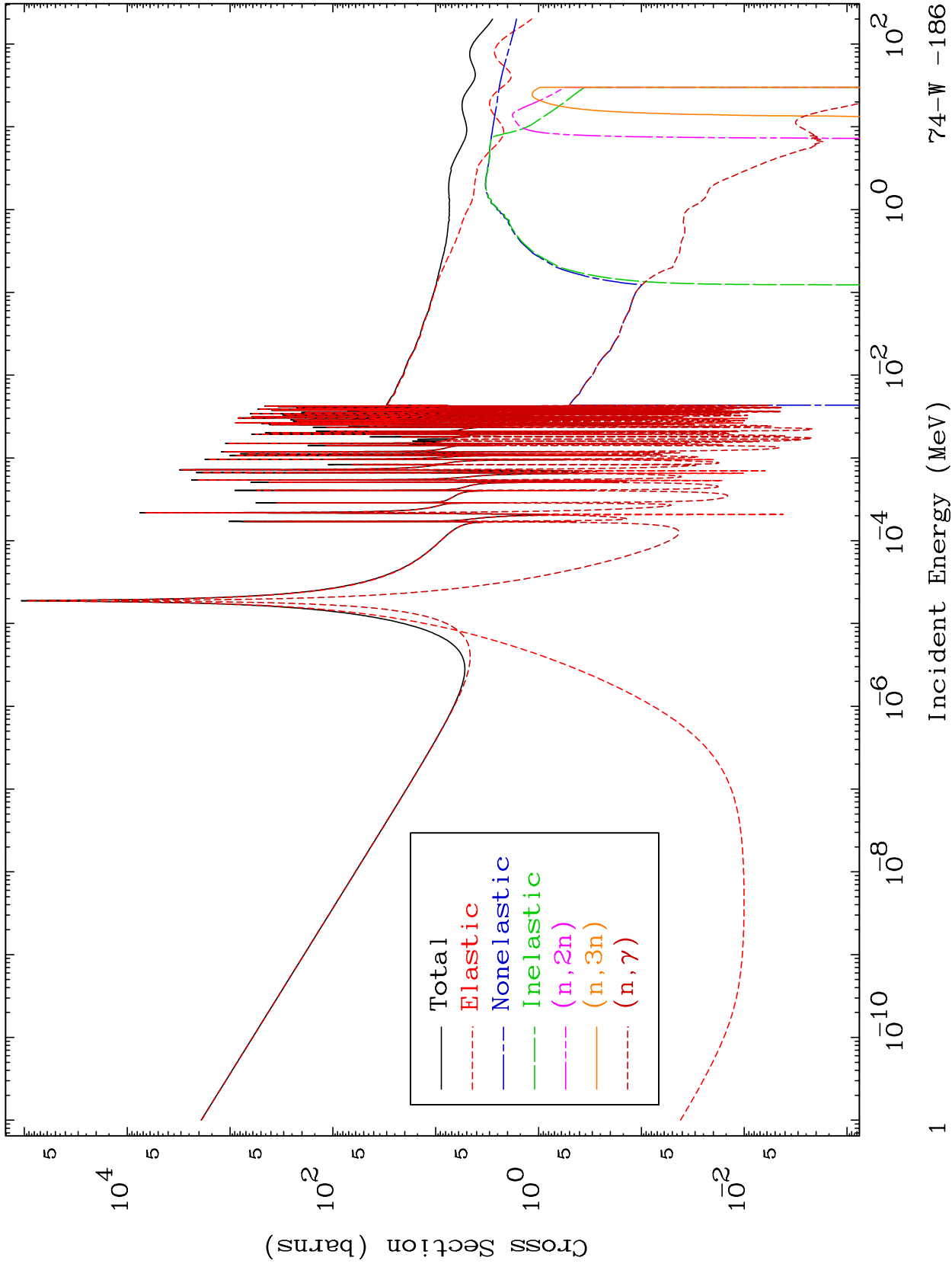
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Livermore, CA 94550
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

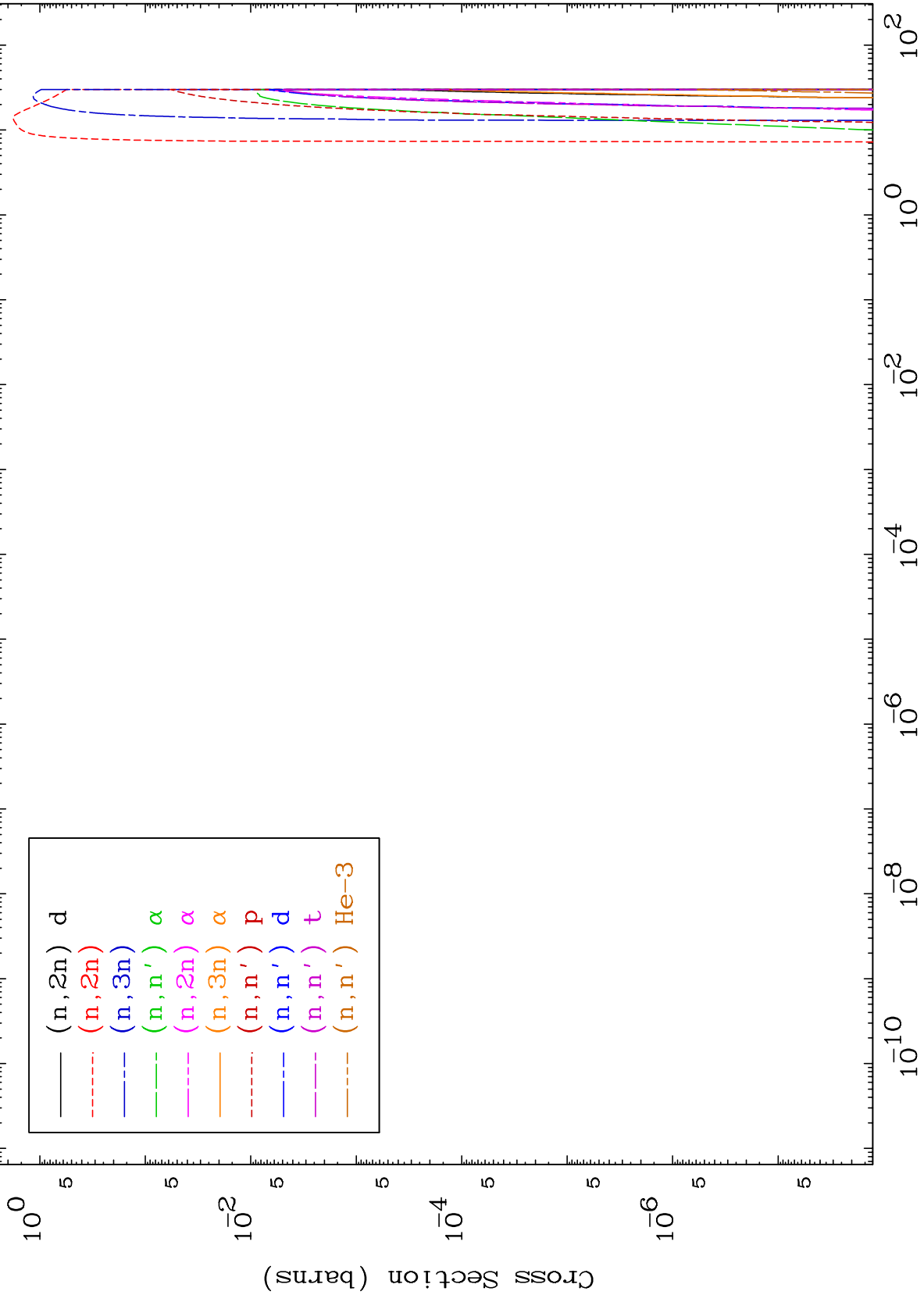
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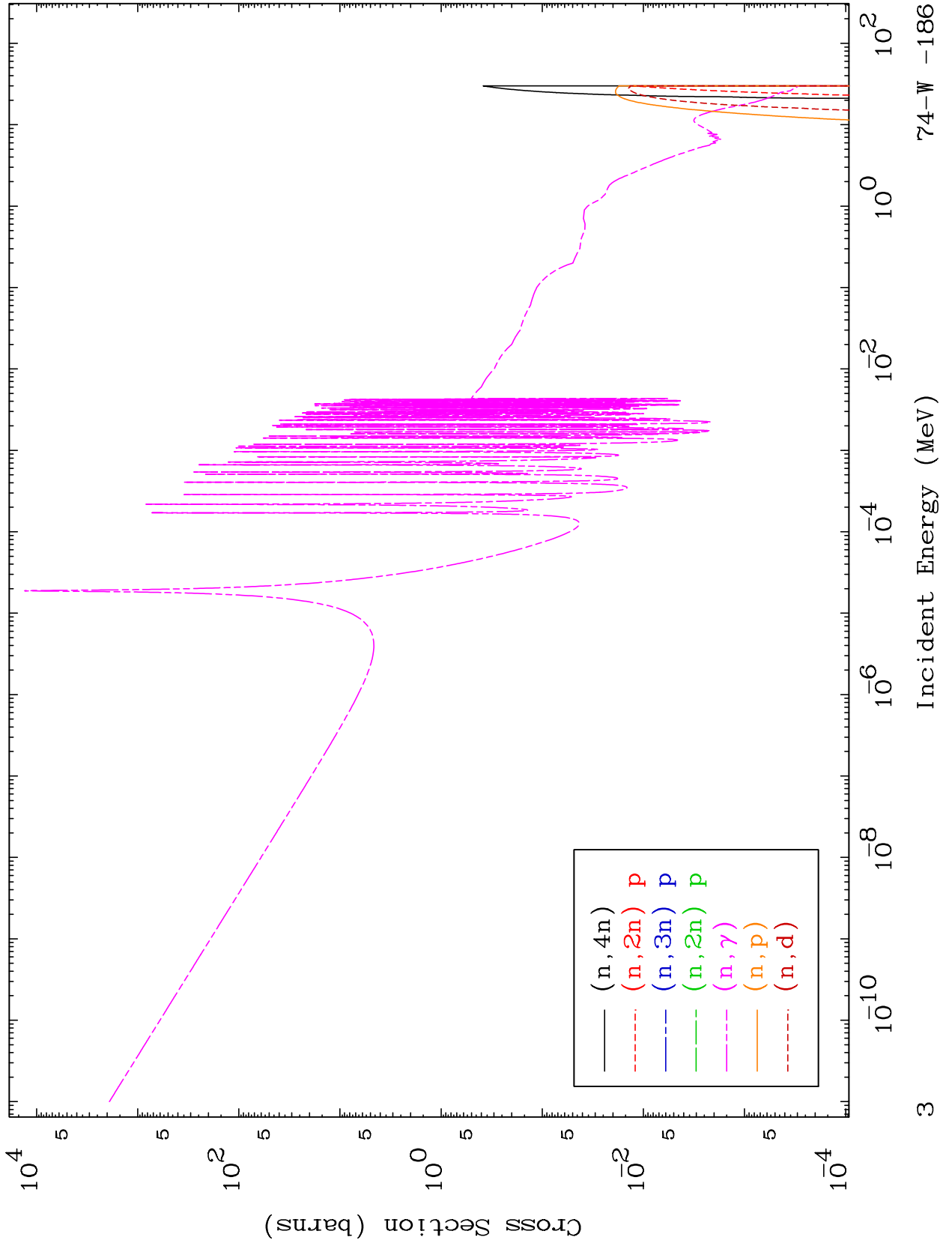
MAT 7443

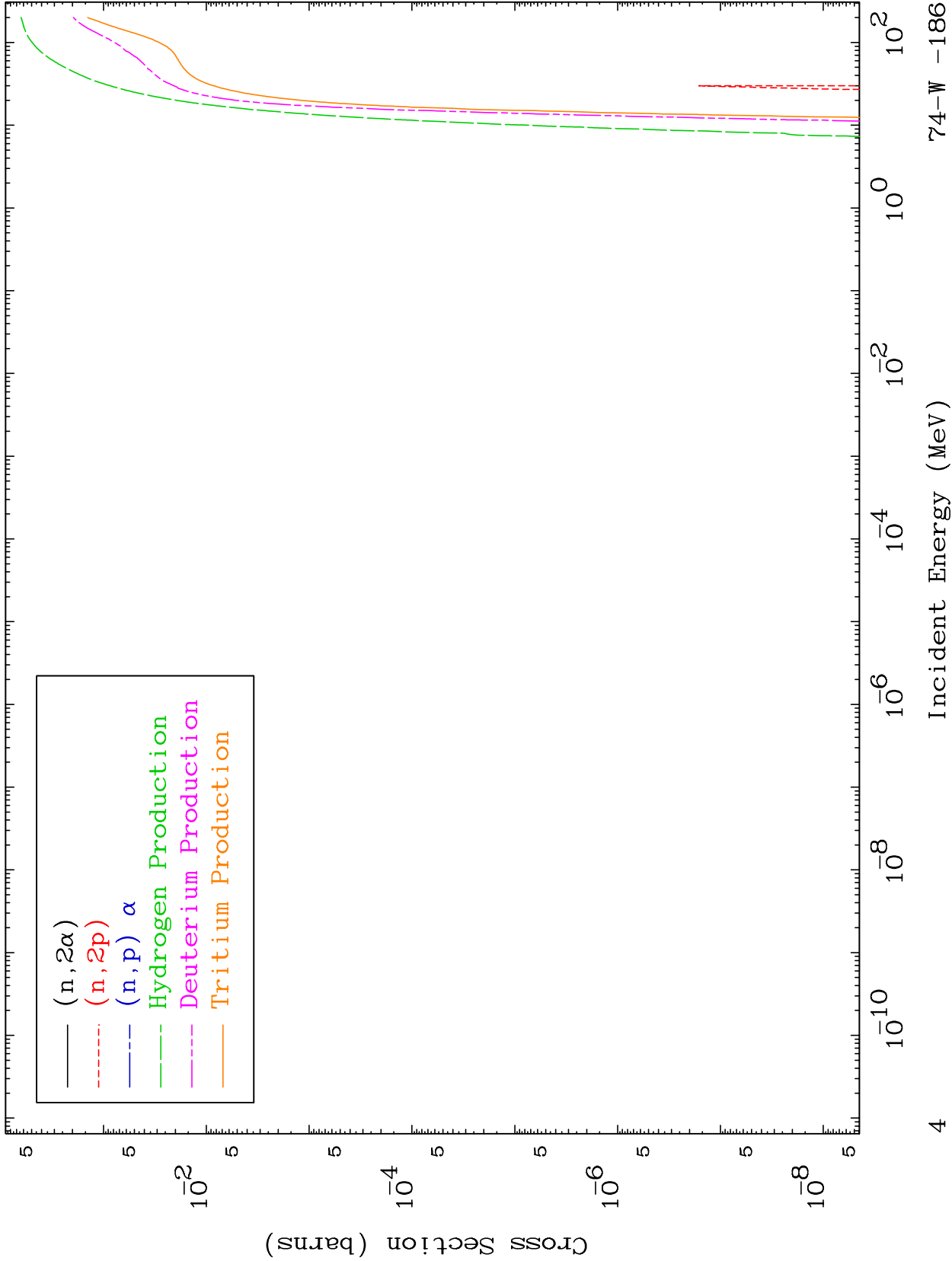
Neutron Absorption
293 Kelvin Cross Sections

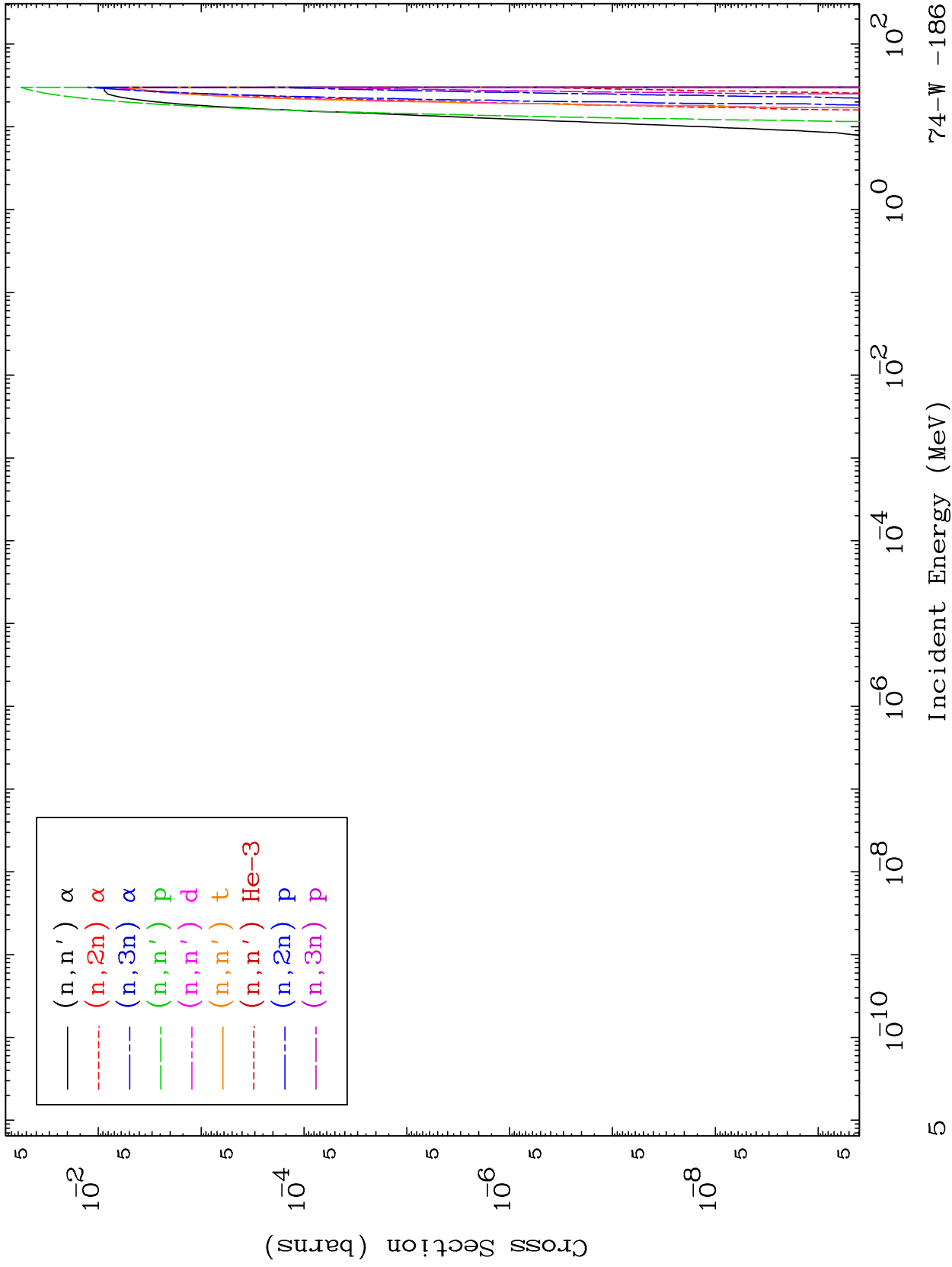
74-W -186



74-W -186



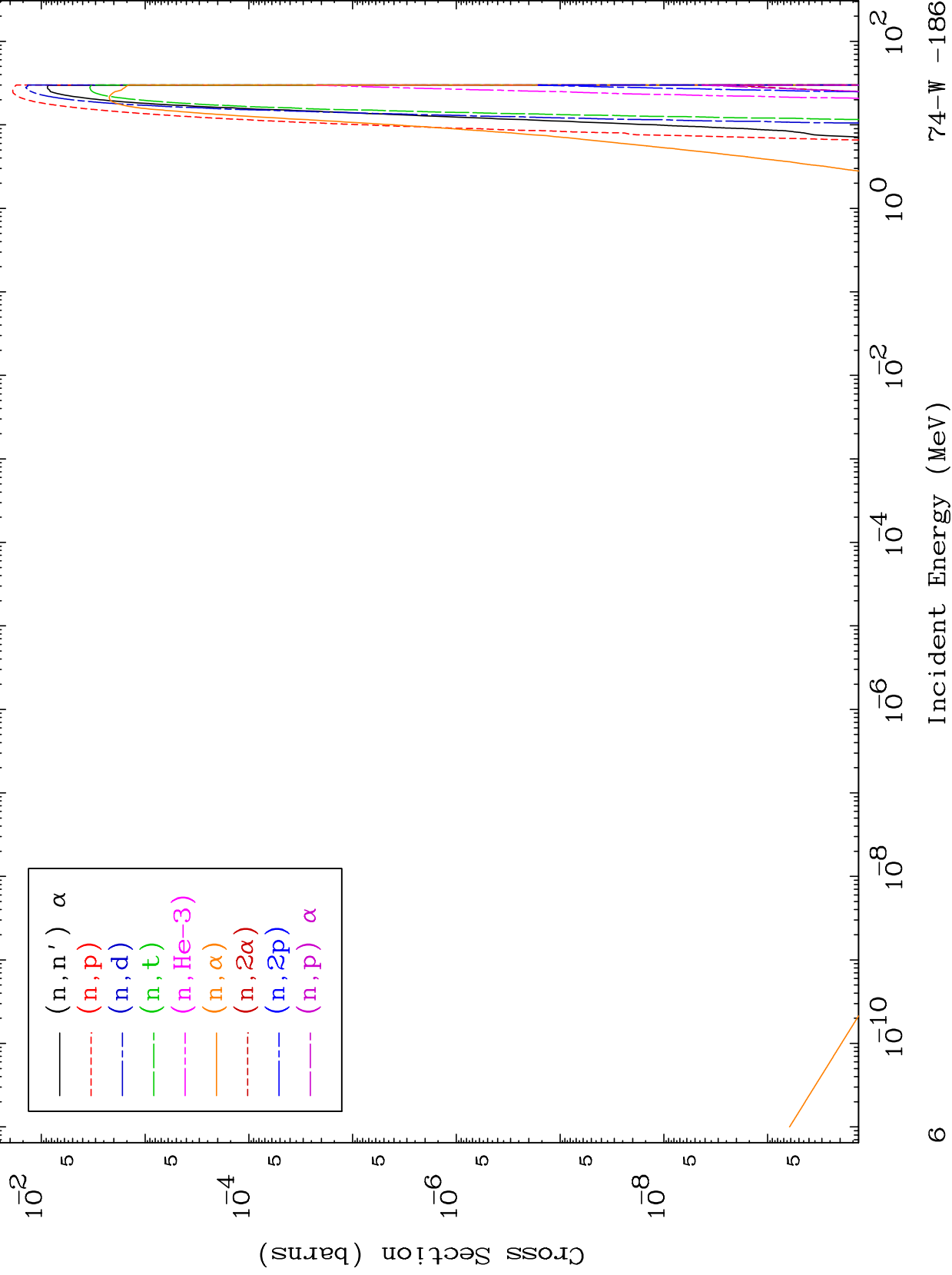


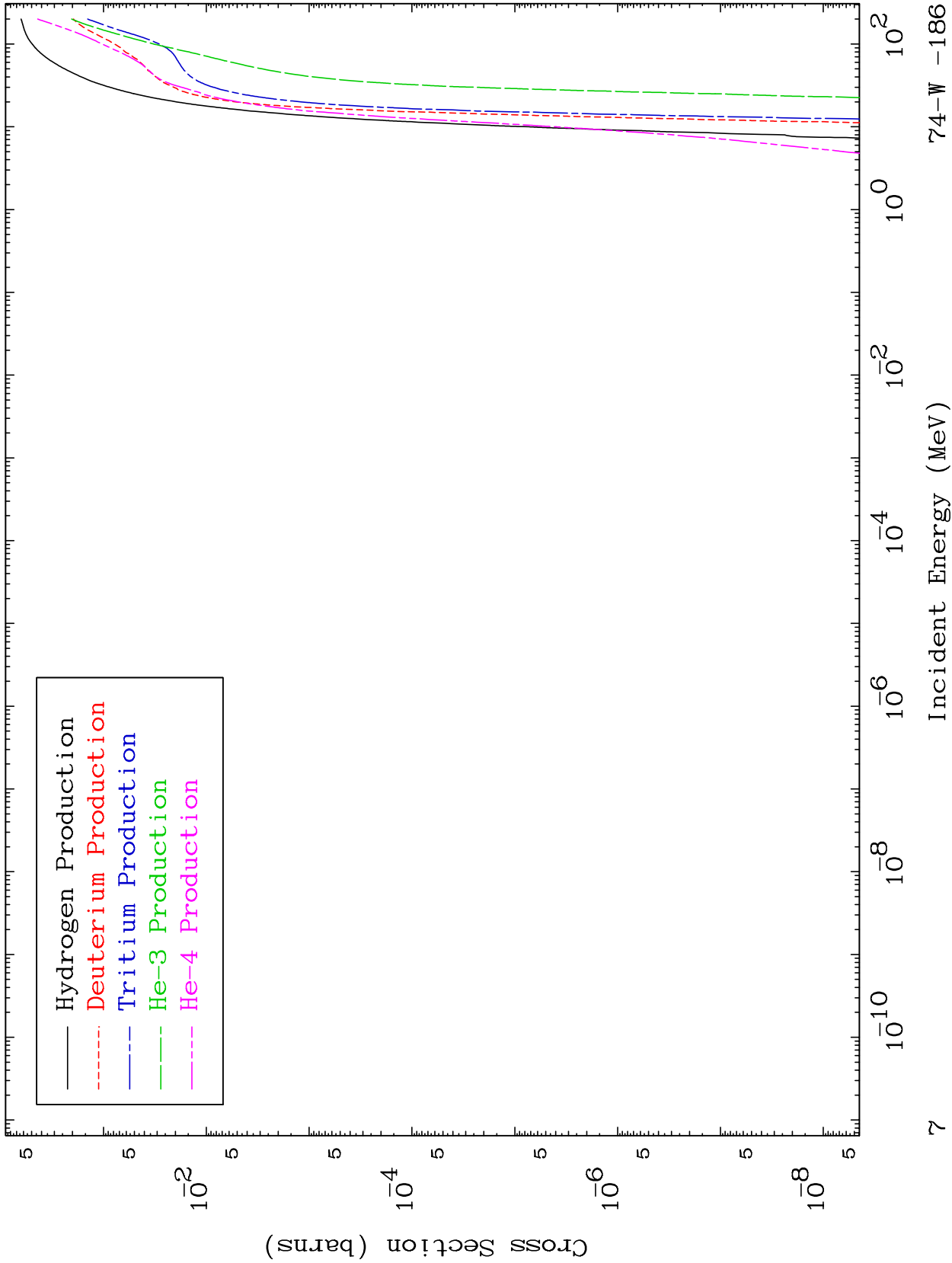


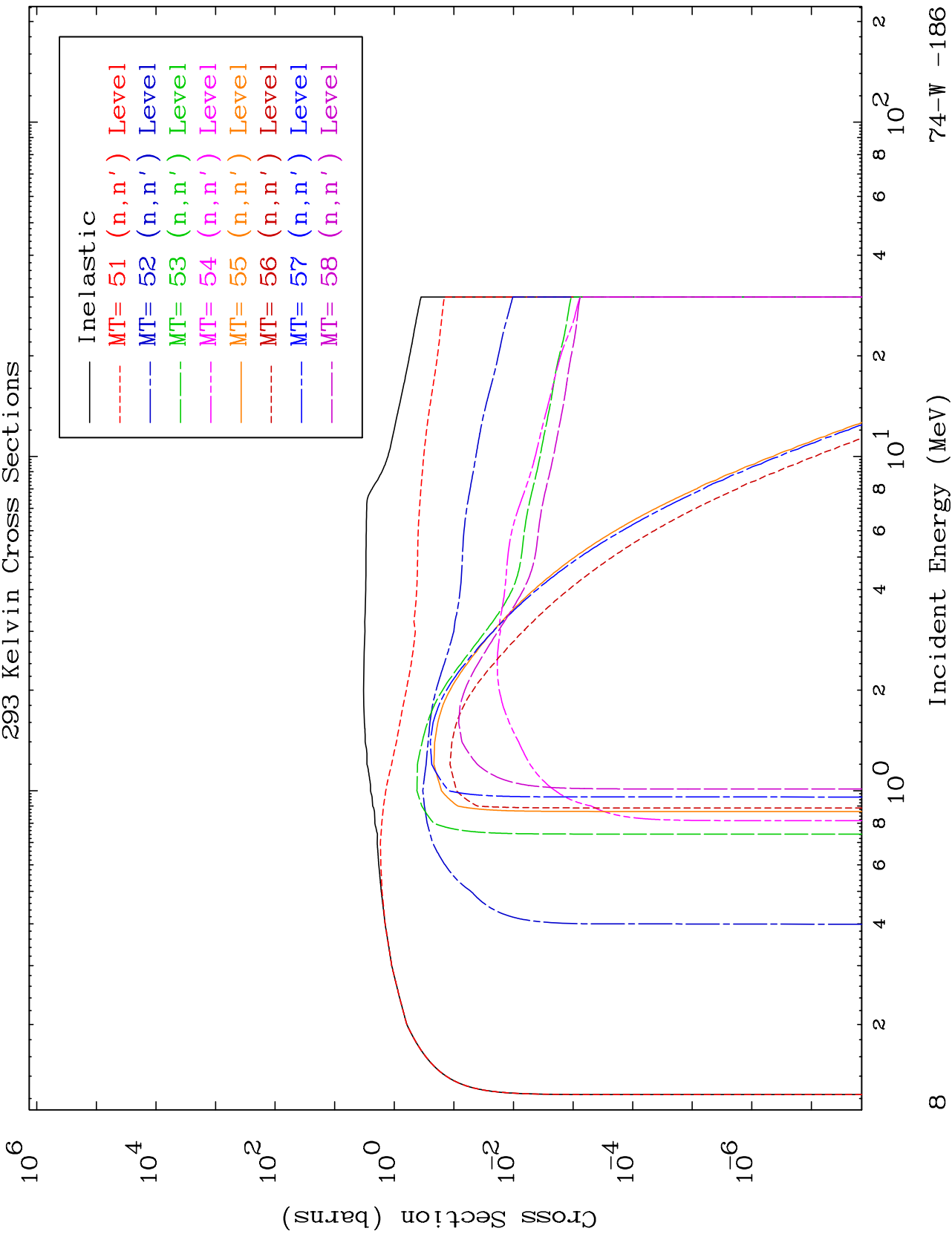
MAT 7443

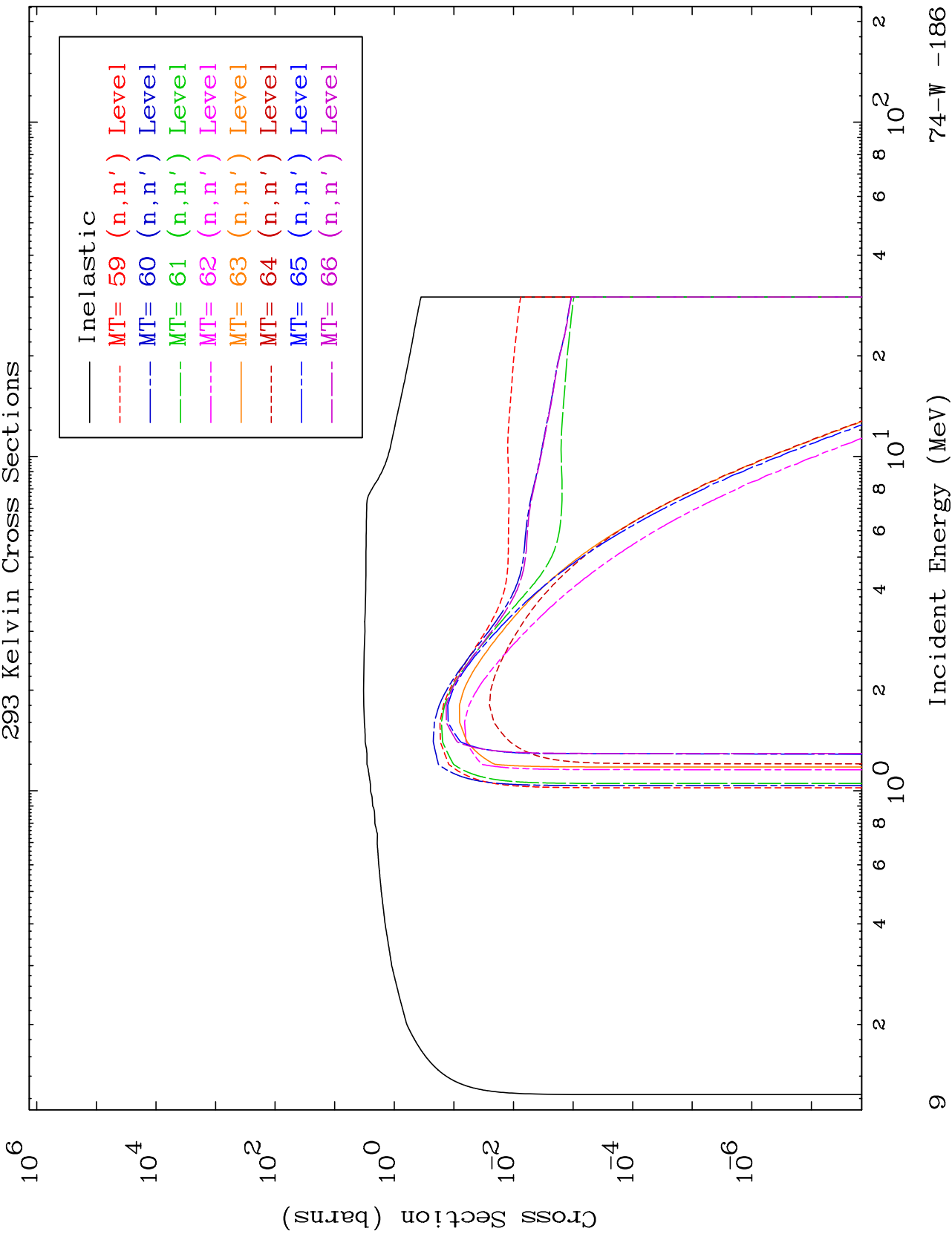
Charged Particle
293 Kelvin Cross Sections

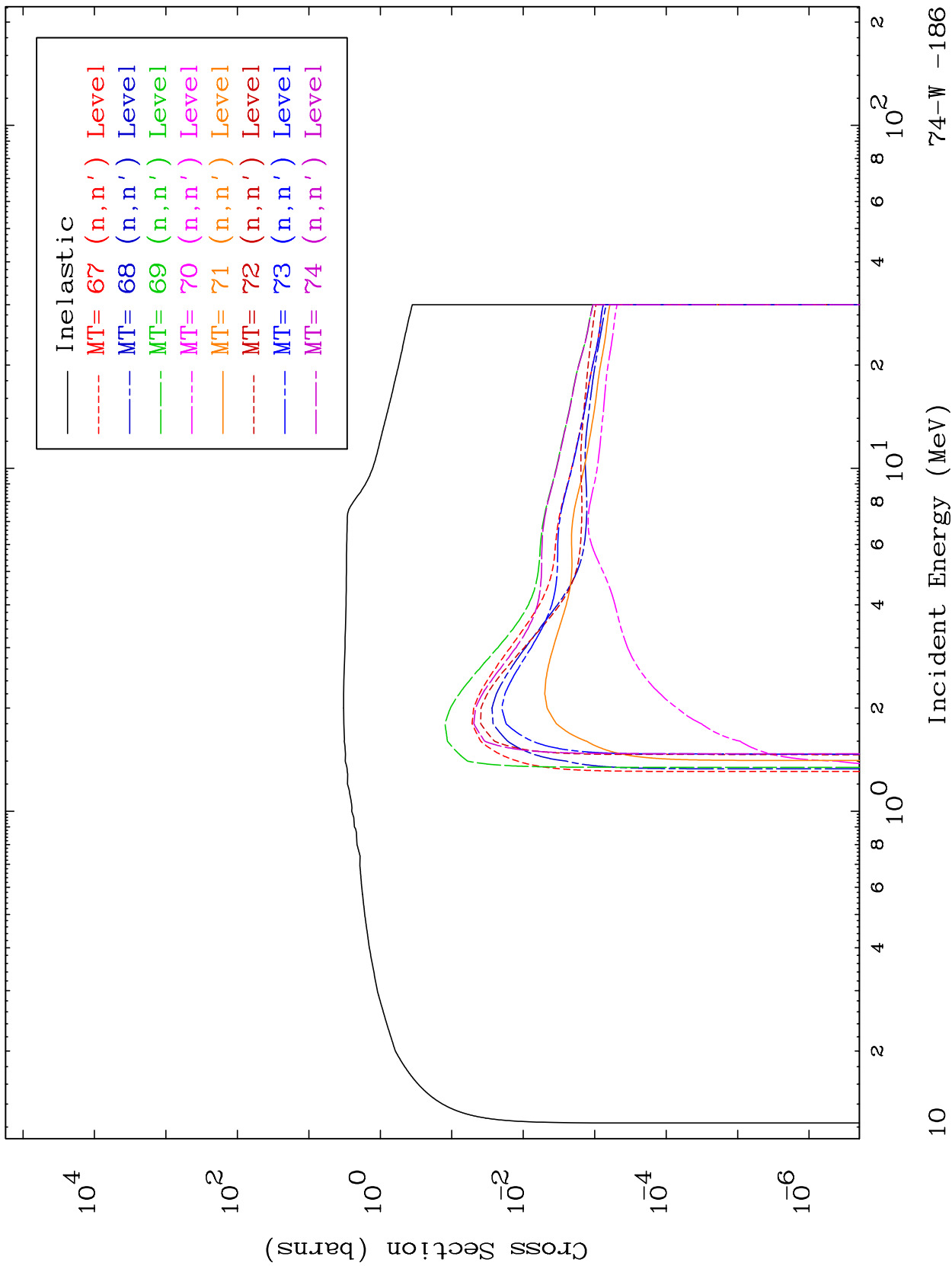
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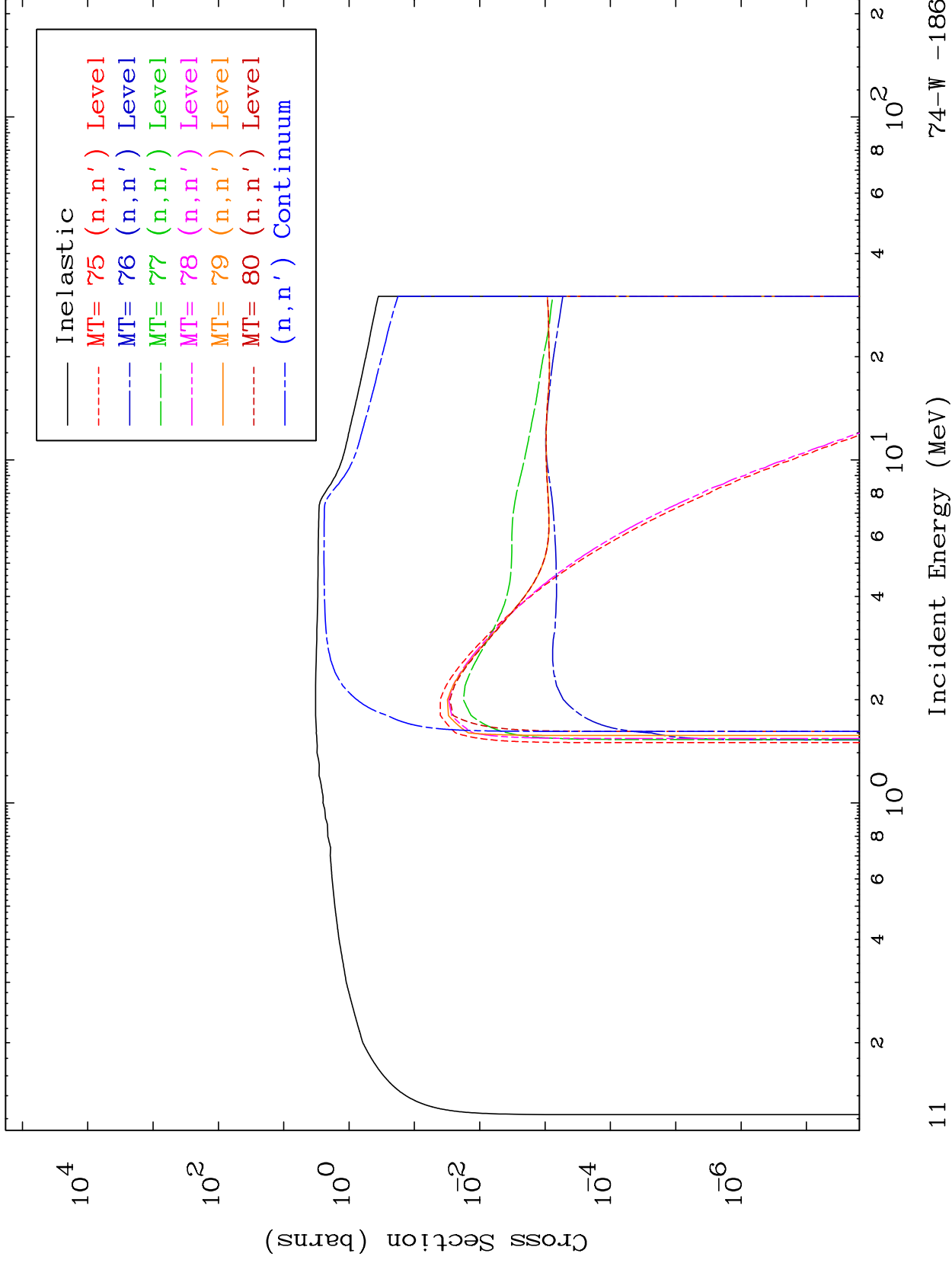








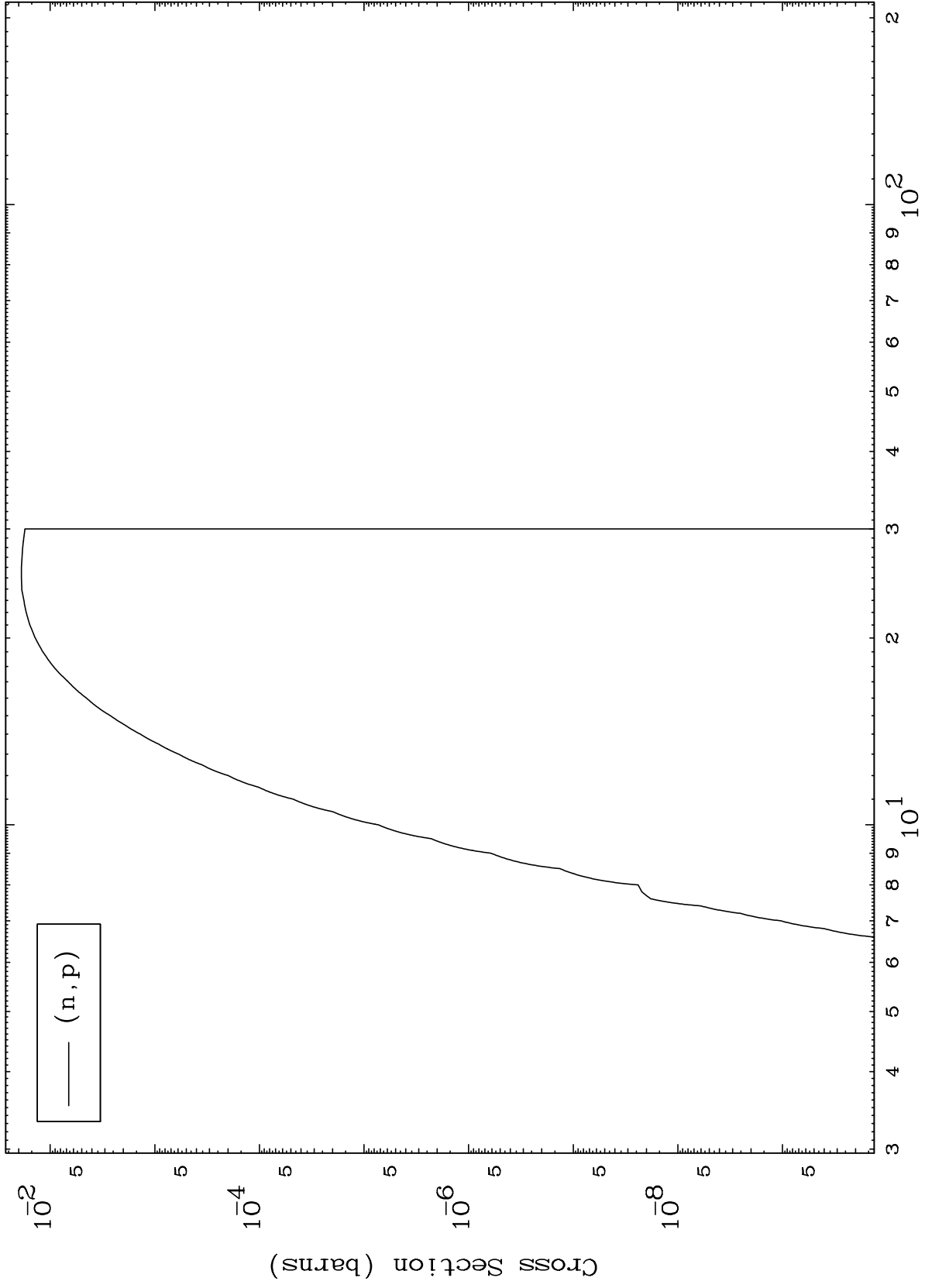




MAT 7443

(n,p) Levels
293 Kelvin Cross Sections

74-W -186



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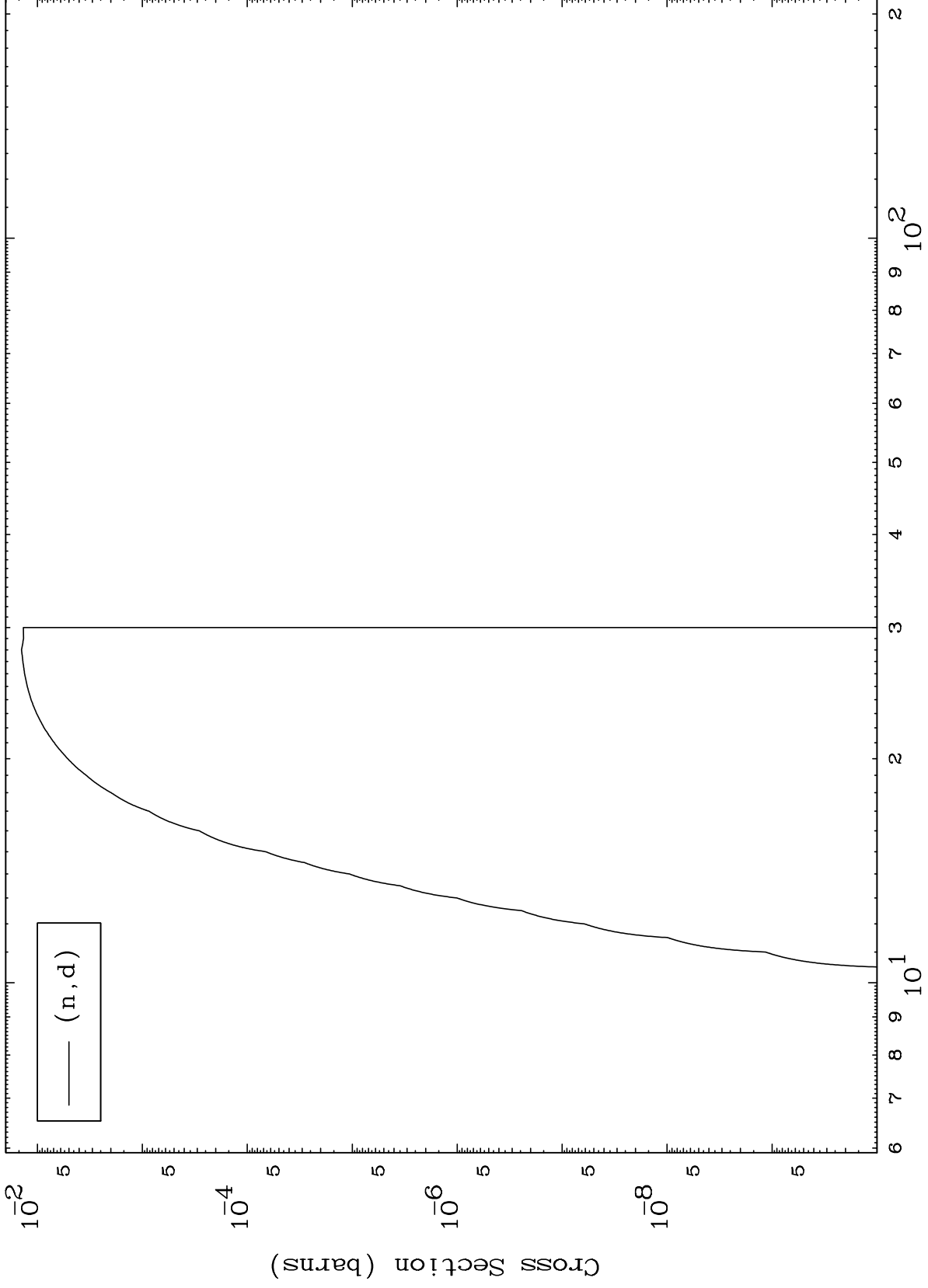
Incident Energy (MeV)

74-W -186

MAT 7443

(n,d) Levels
293 Kelvin Cross Sections

74-W -186



13

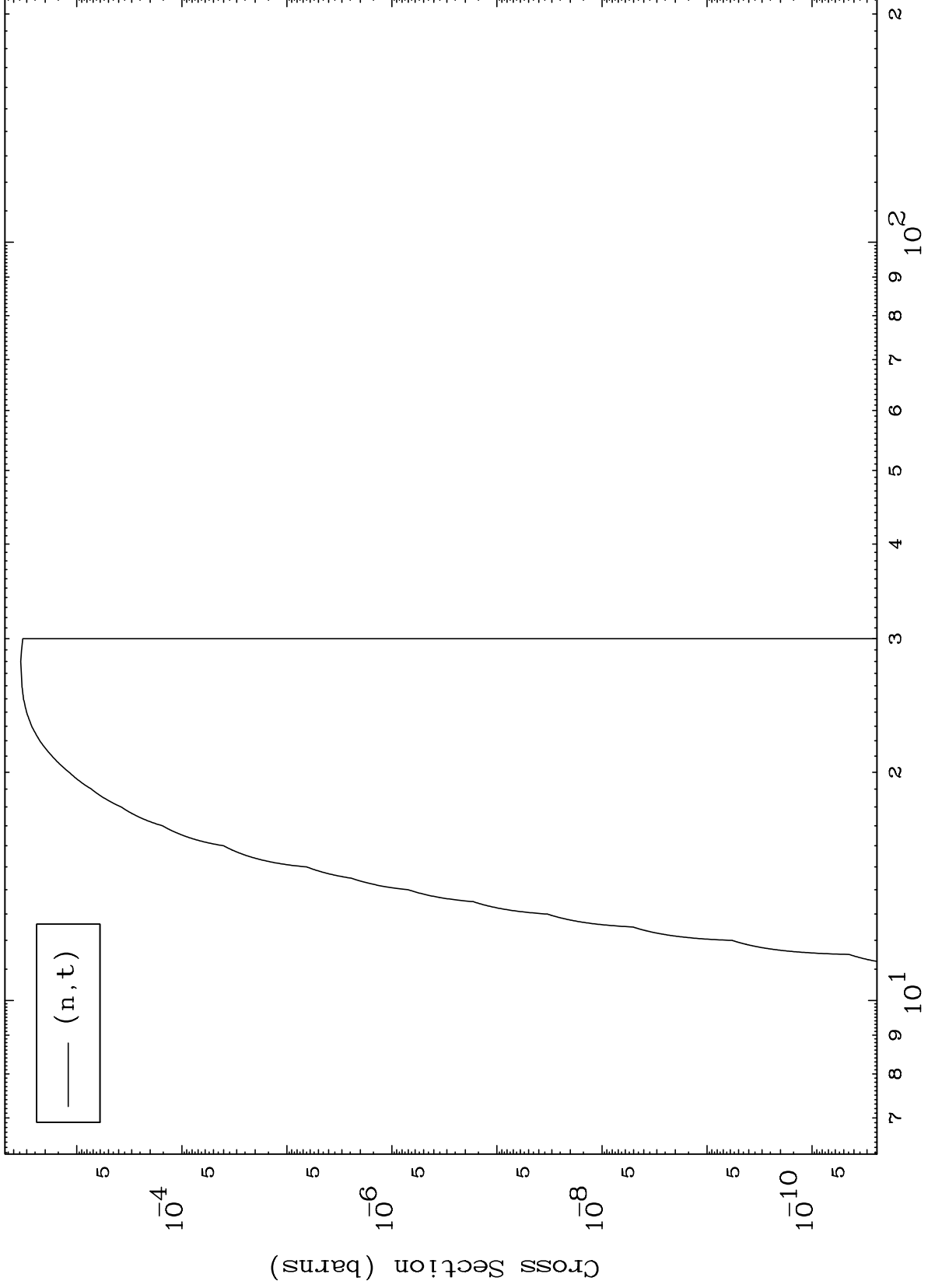
Incident Energy (MeV)

74-W -186

MAT 7443

(n,t) Levels
293 Kelvin Cross Sections

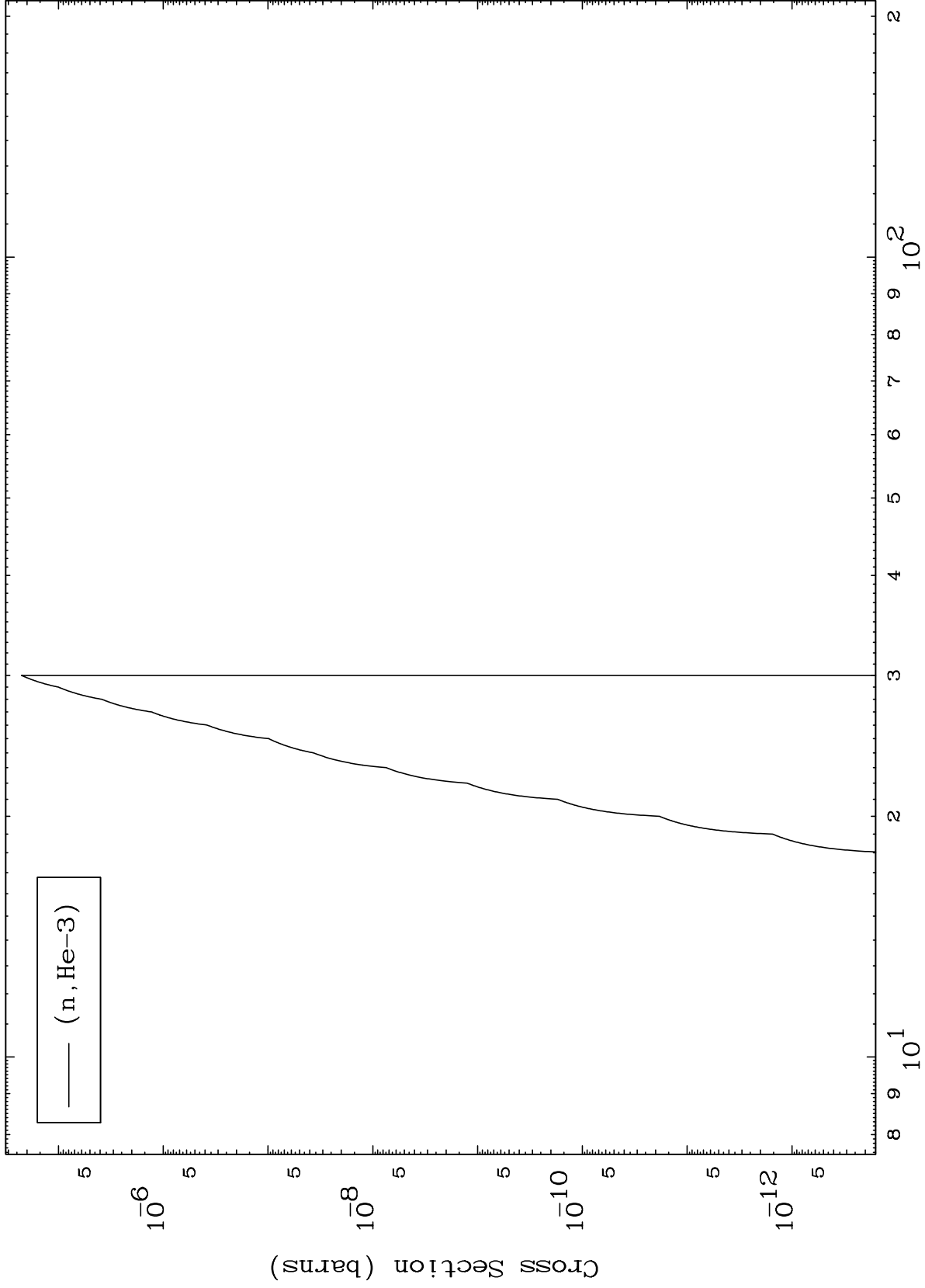
74-W -186



14

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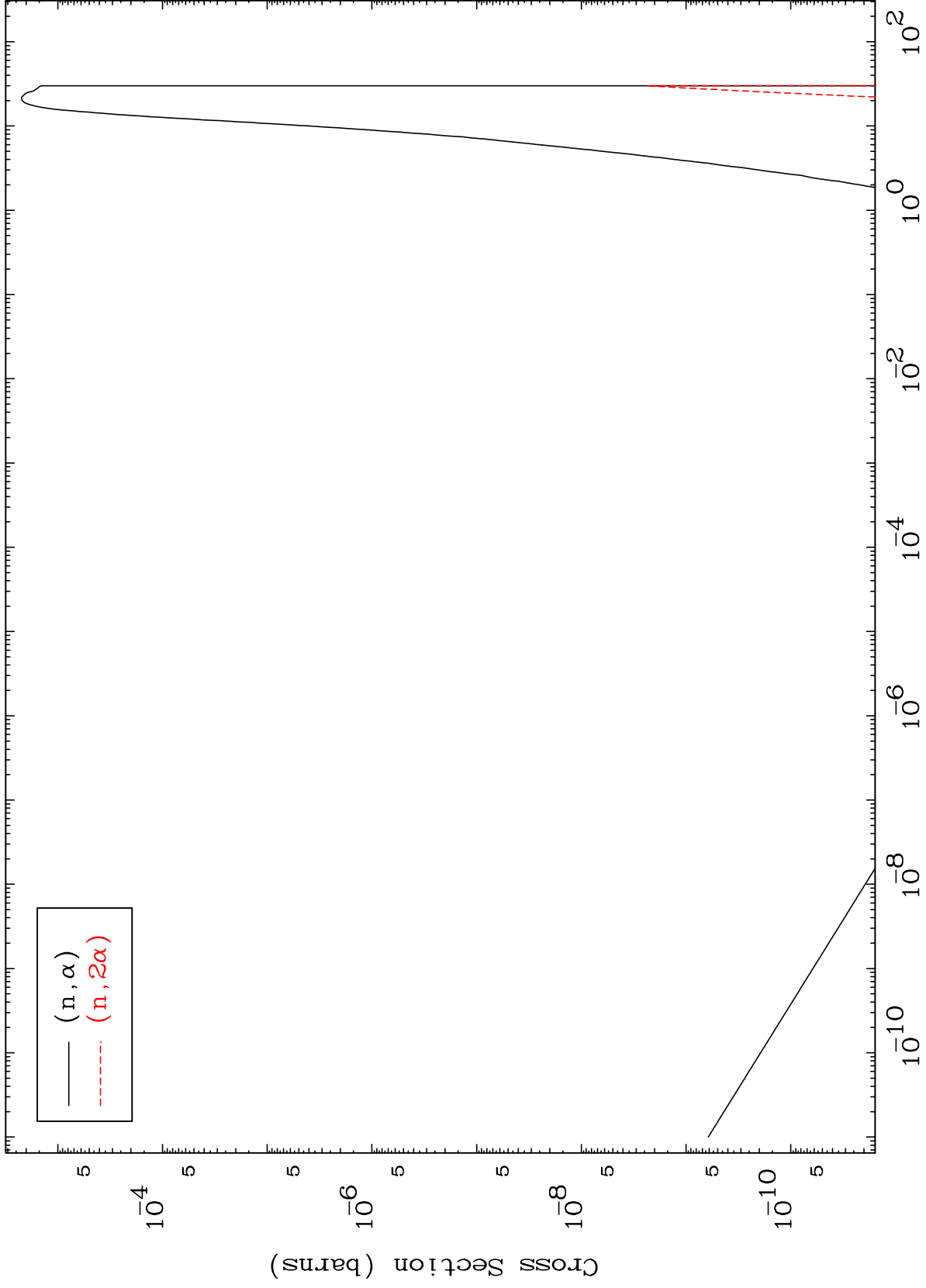
74-W -186



MAT 7443

(n, α) Levels
293 Kelvin Cross Sections

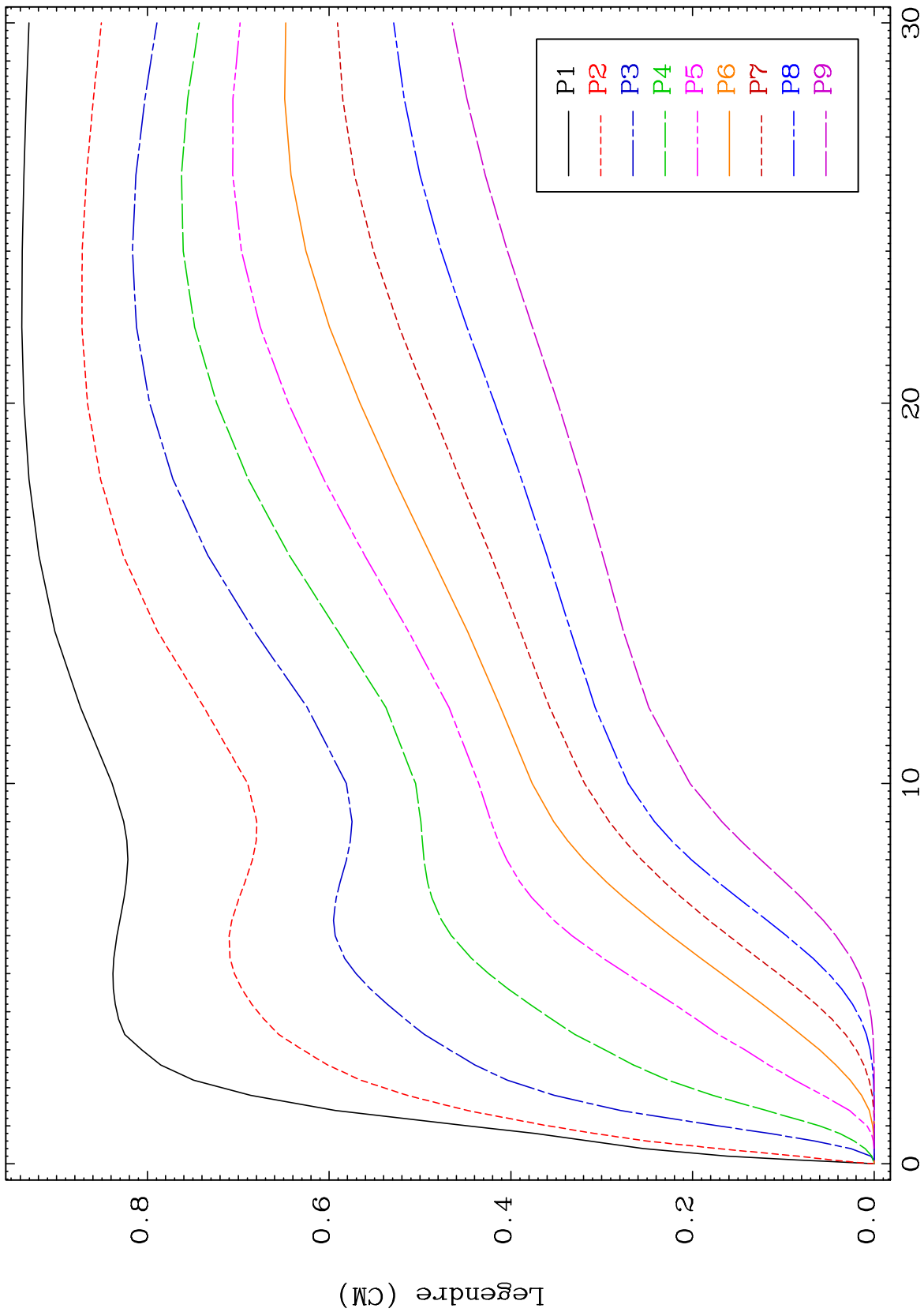
74-W -186



16

Incident Energy (MeV)

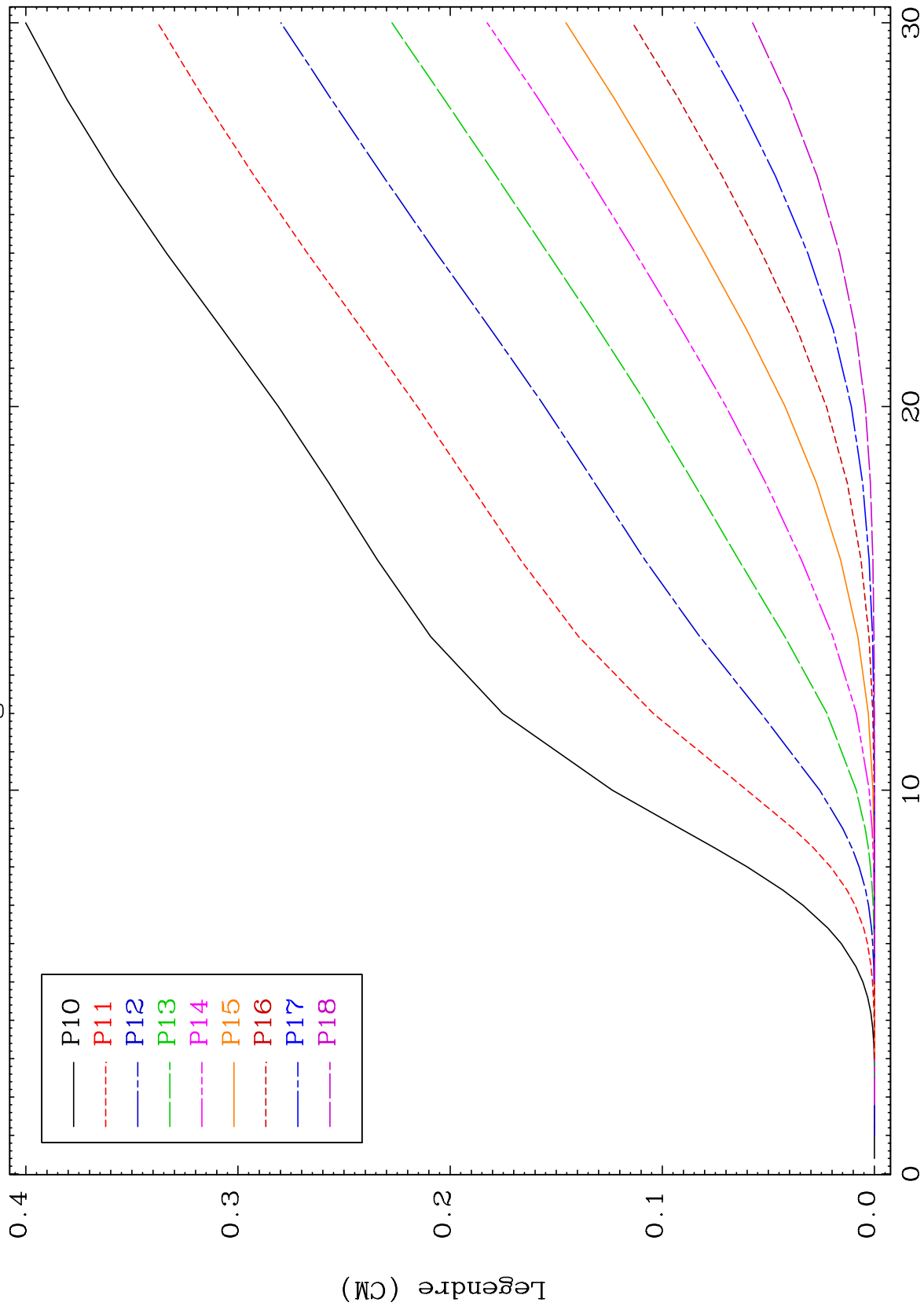
74-W -186



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Elastic Legendre Coefficients

74-W - 186

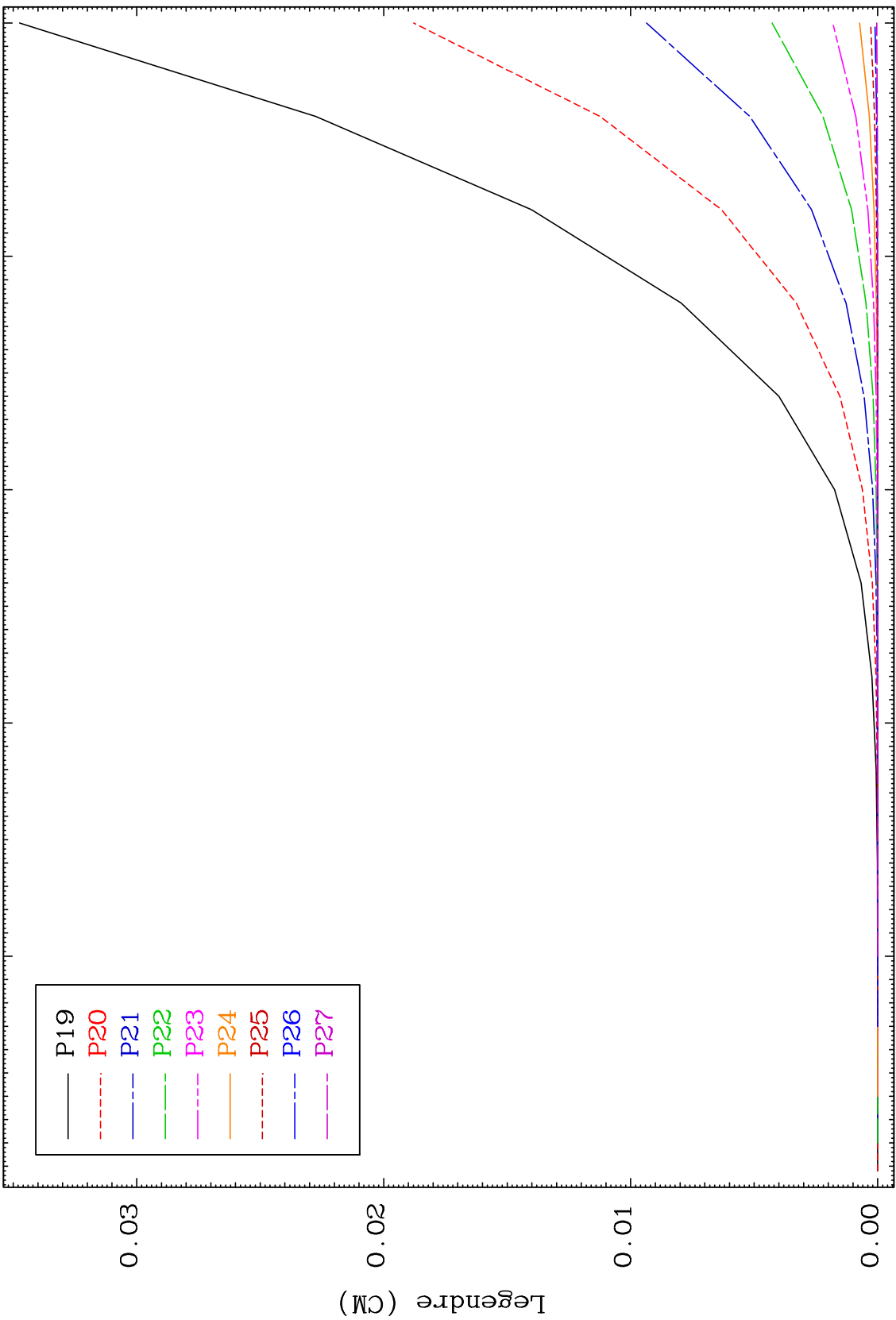


18

Incident Energy (MeV)

74-W - 186

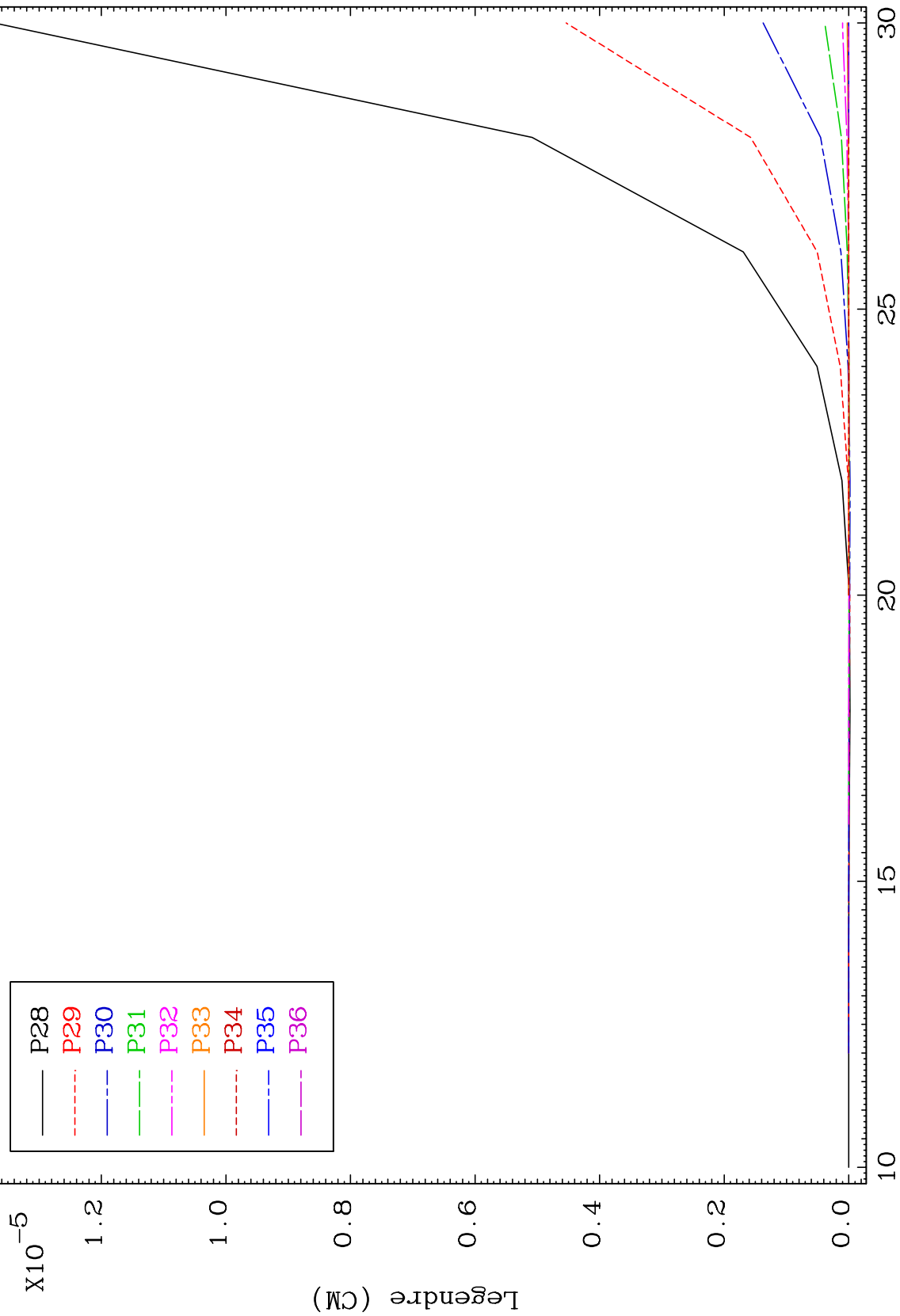
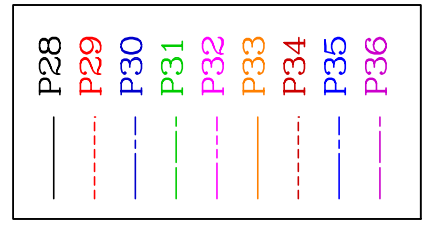
Elastic Legendre Coefficients



MAT 7443

Elastic Legendre Coefficients

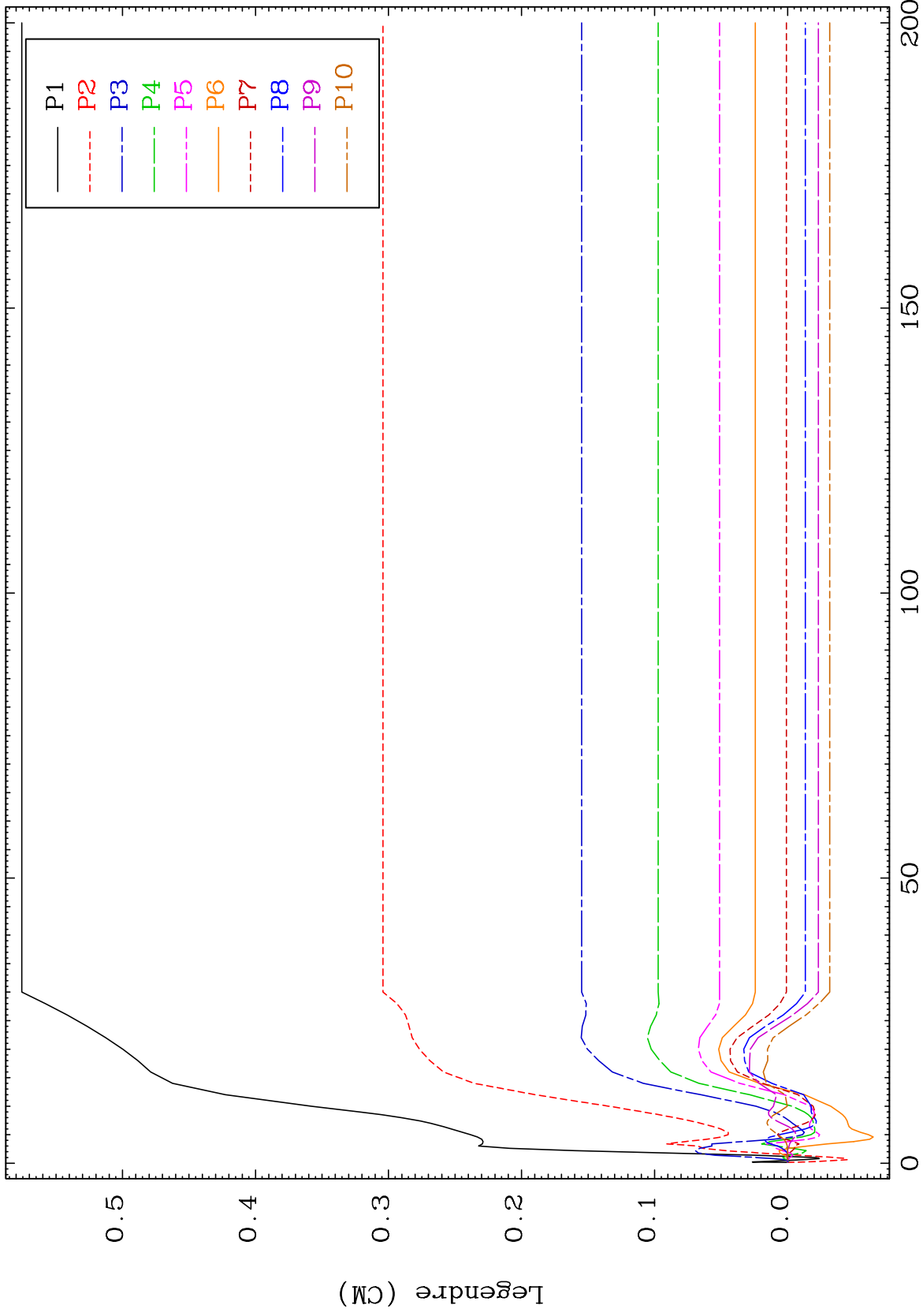
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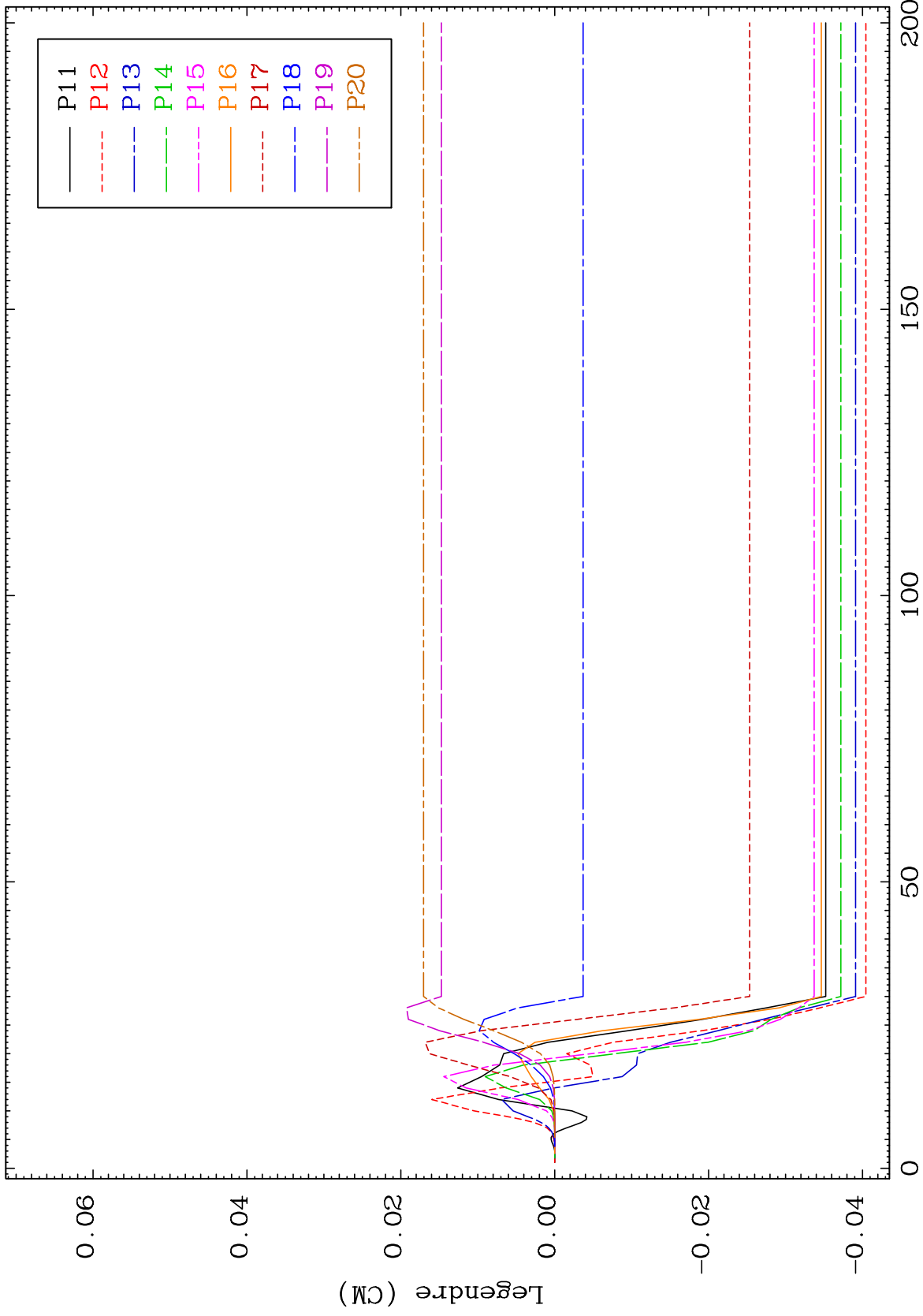


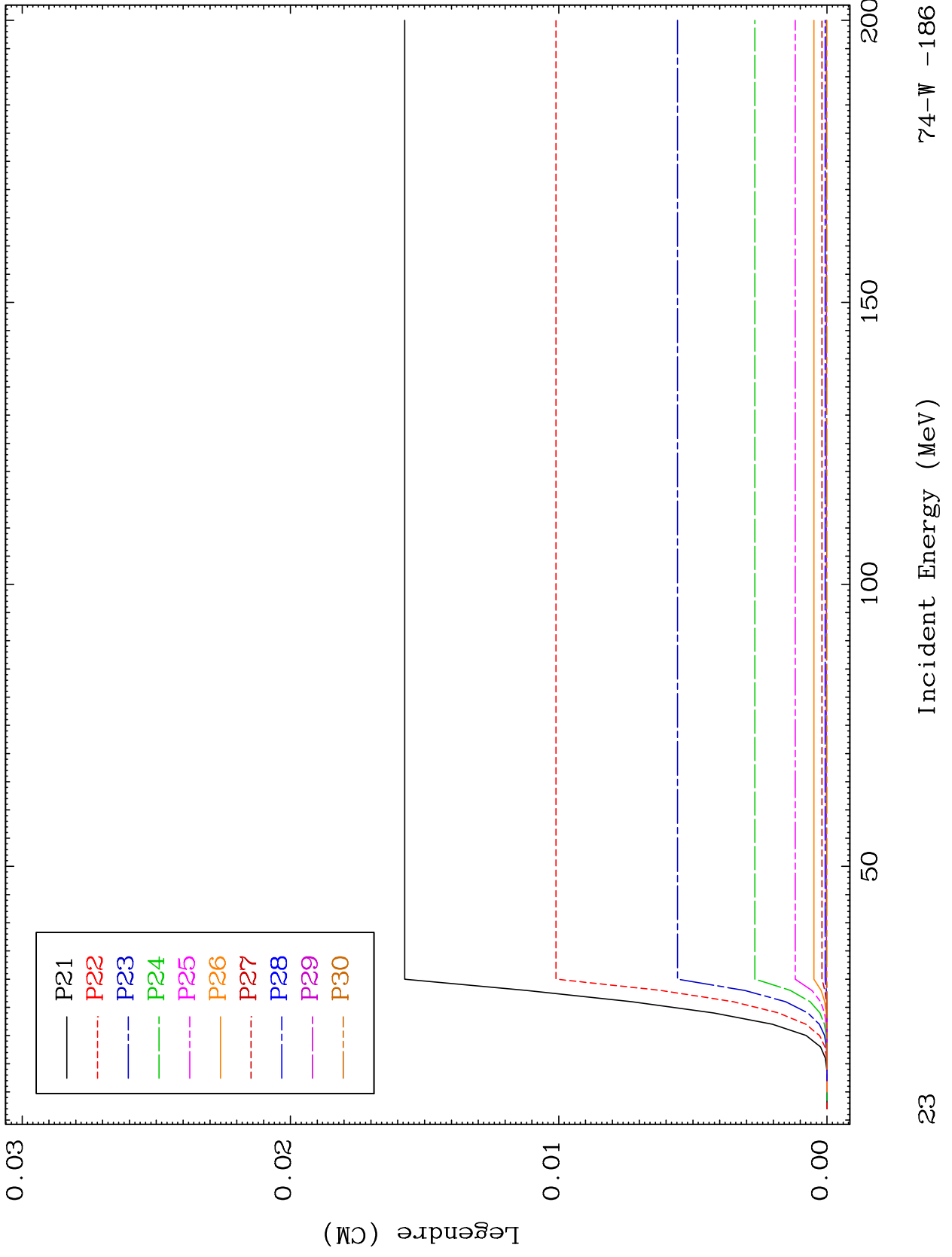
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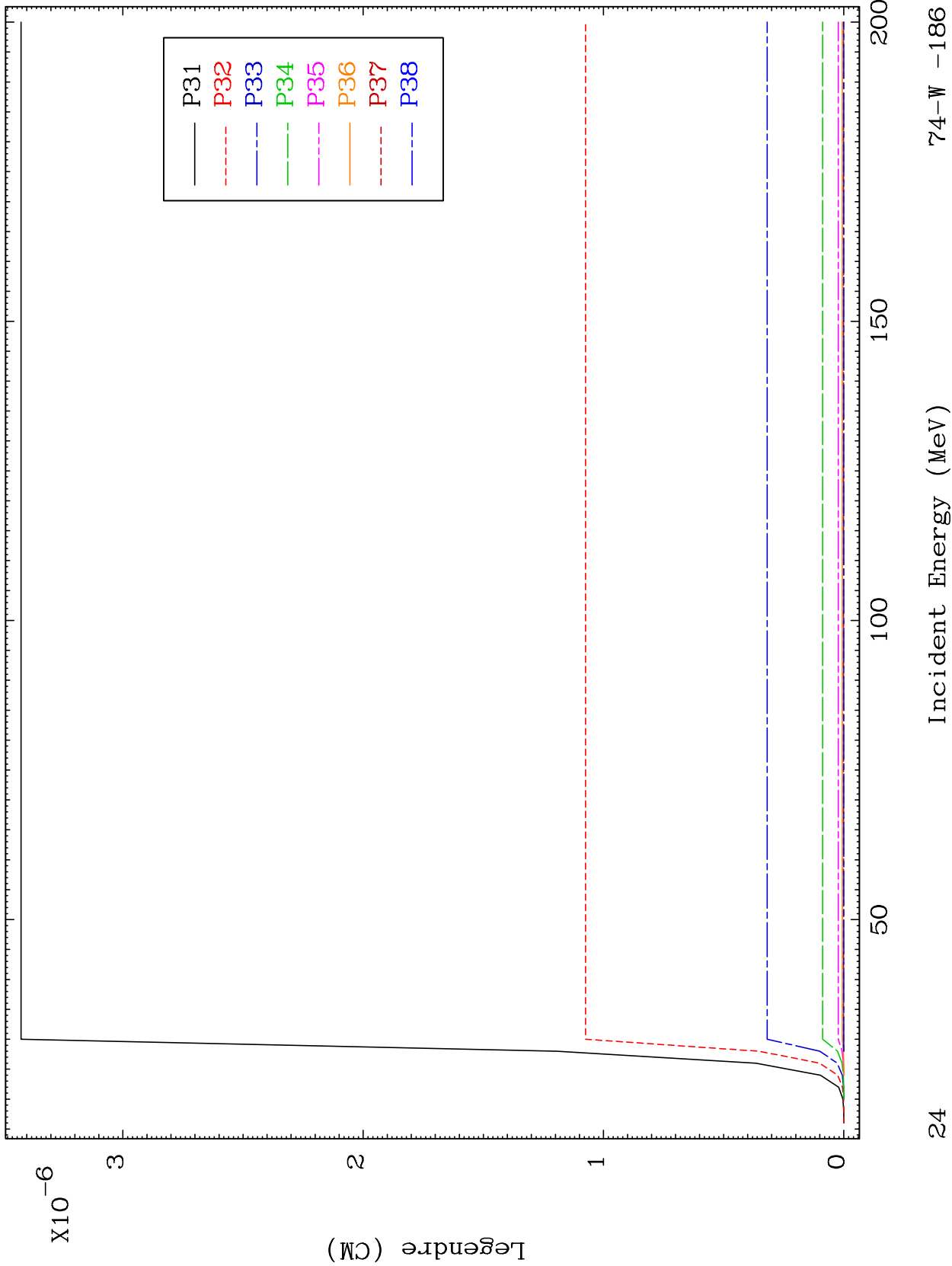
Incident Energy (MeV)

74-W -186





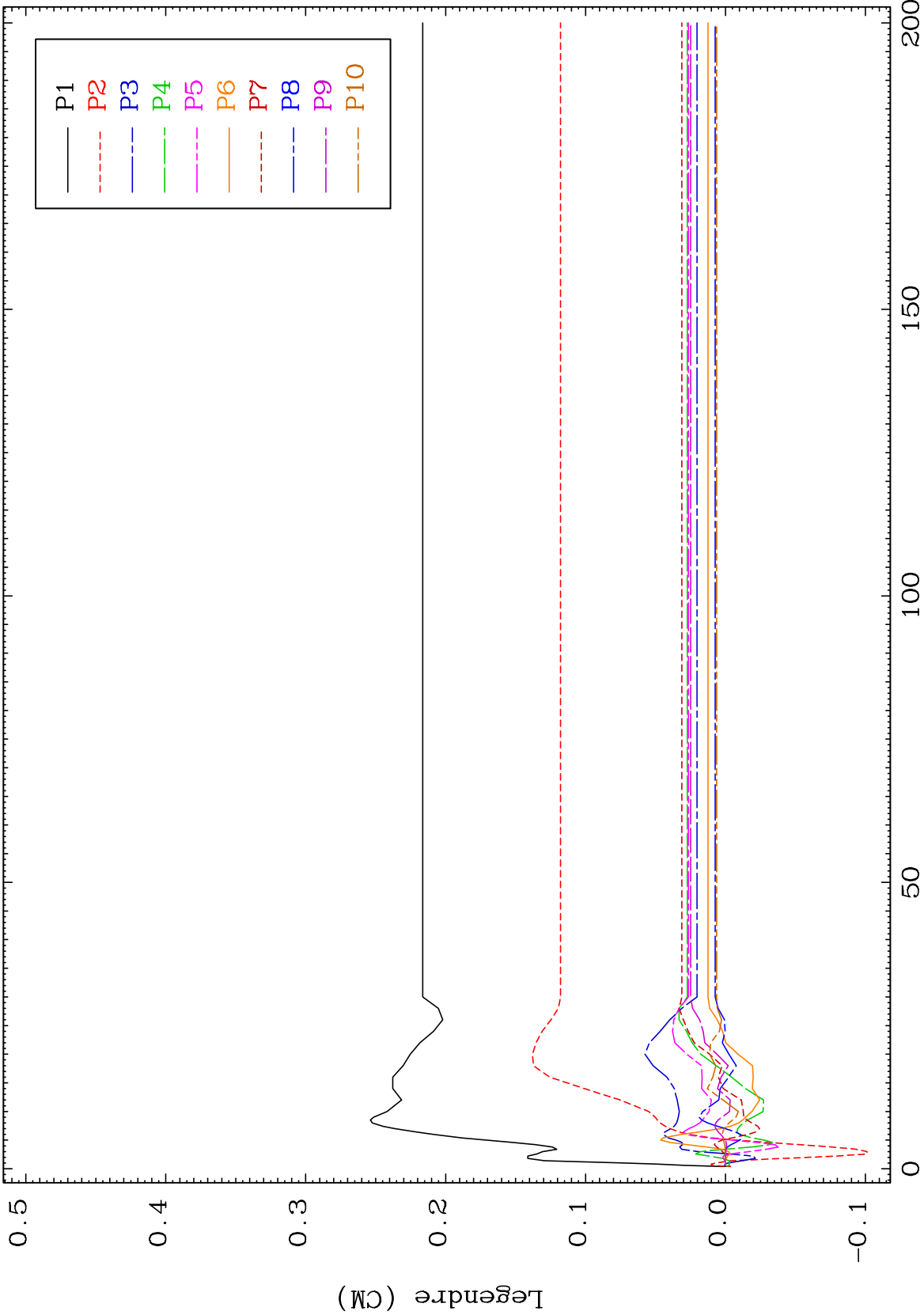




MAT 7443

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

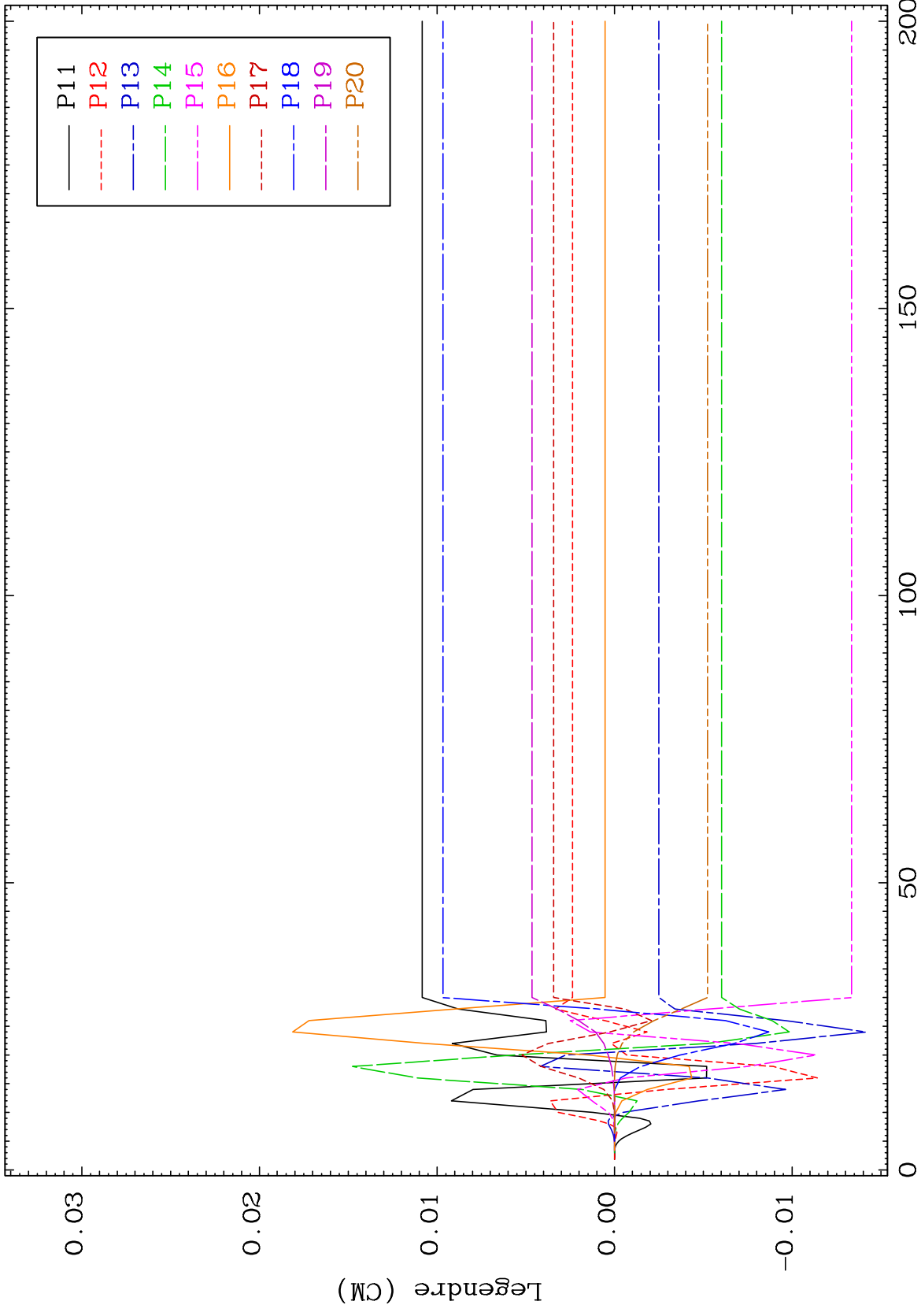
74-W -186

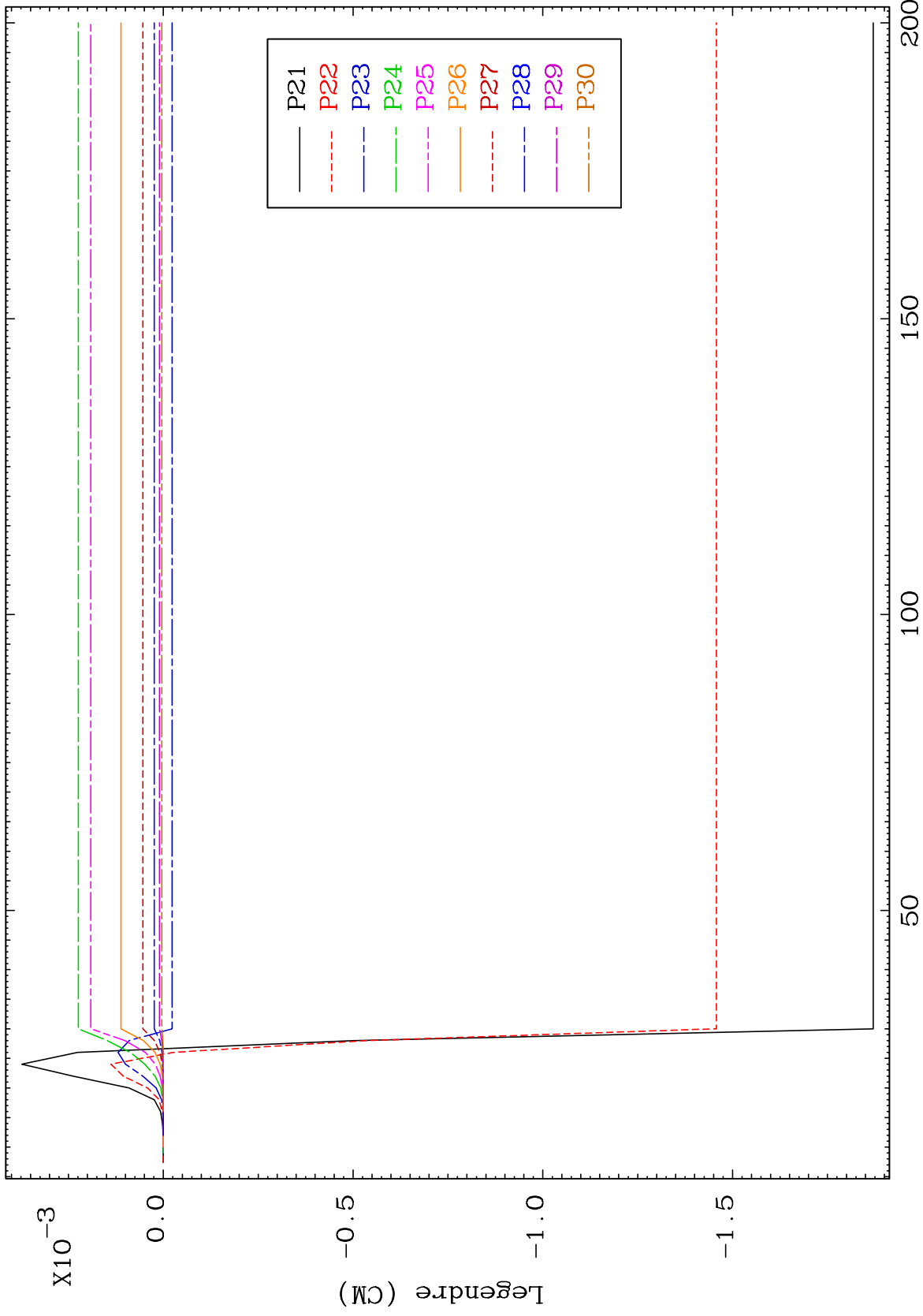


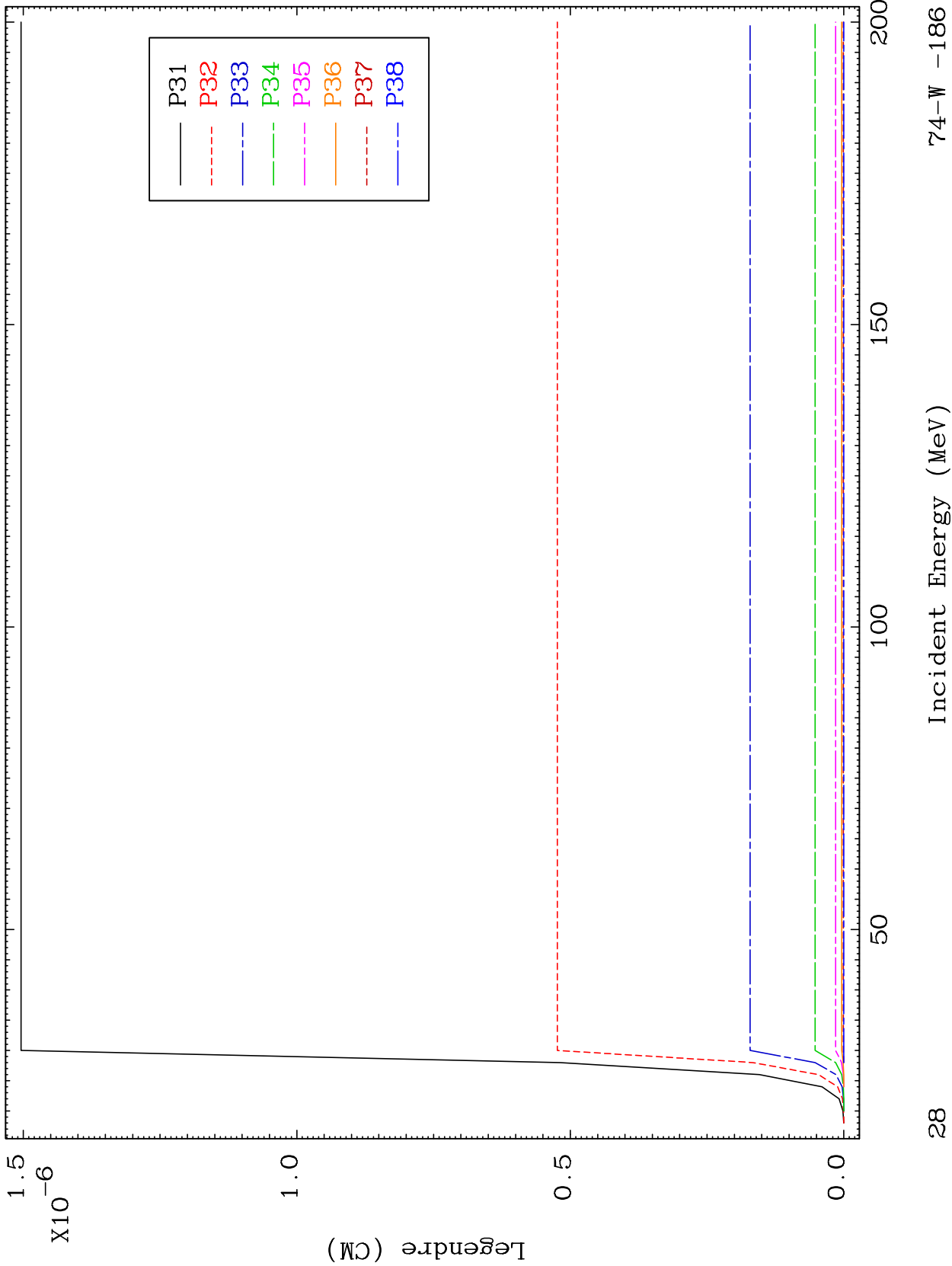
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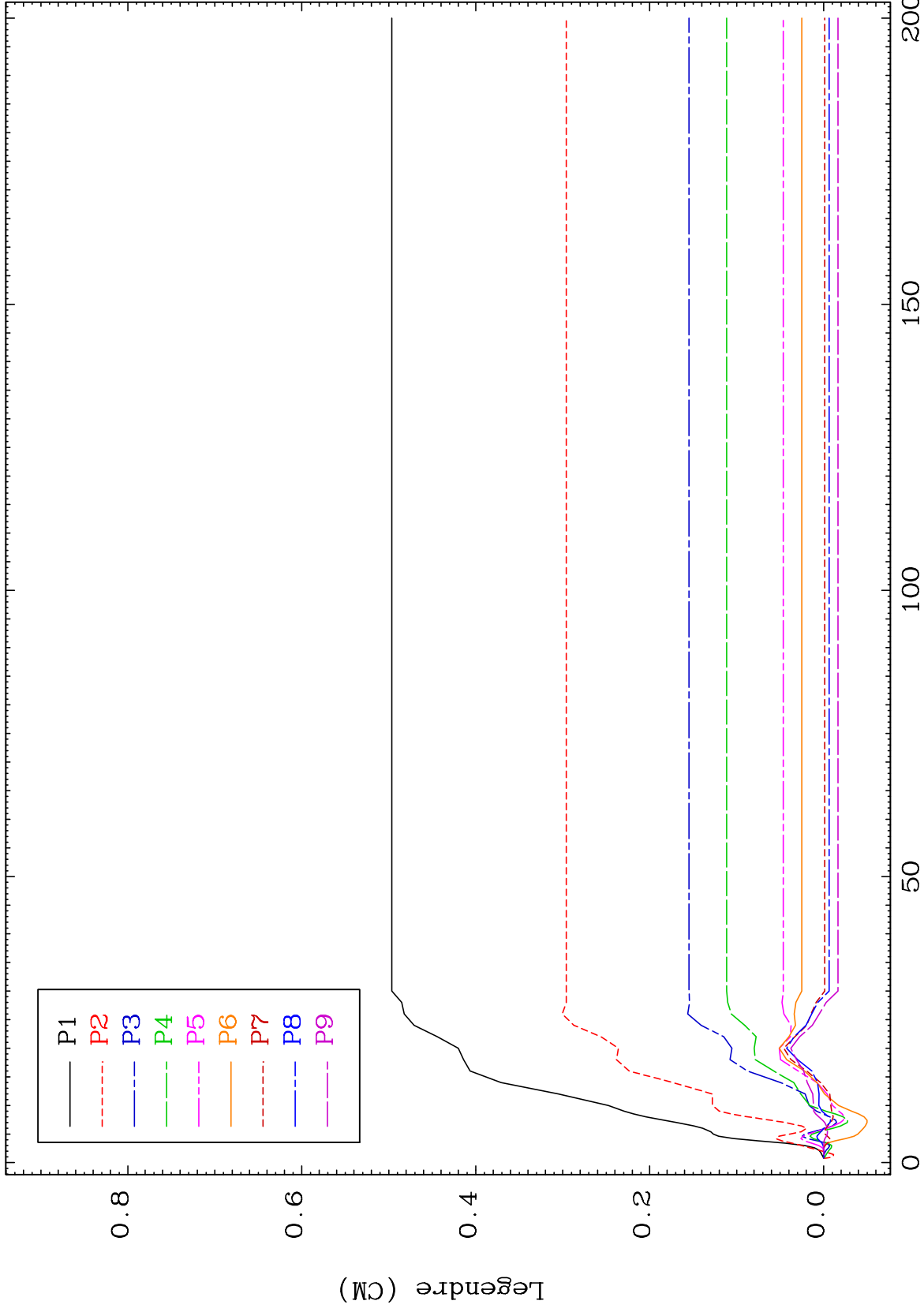
Incident Energy (MeV)

74-W -186





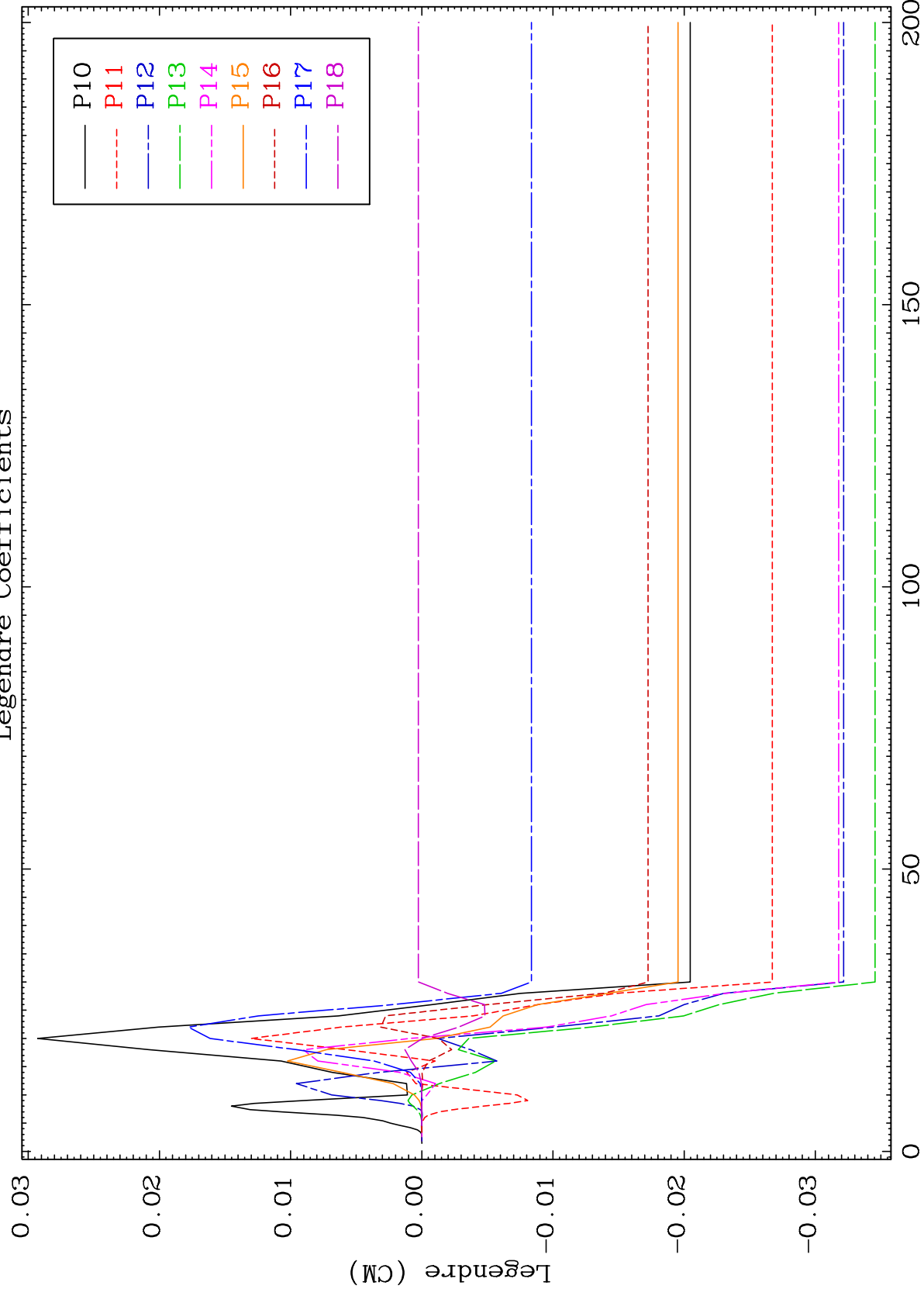




MAT 7443

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

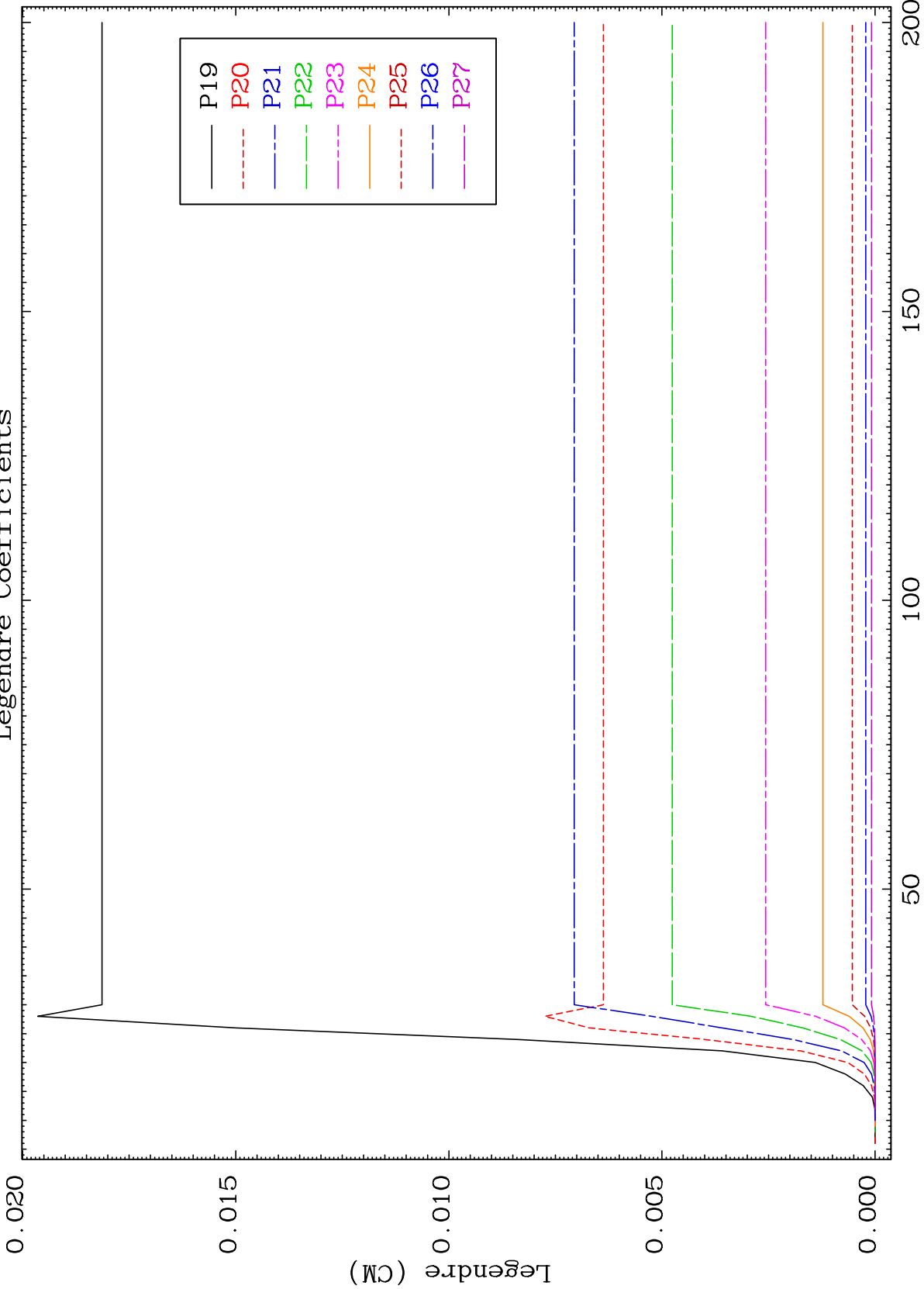
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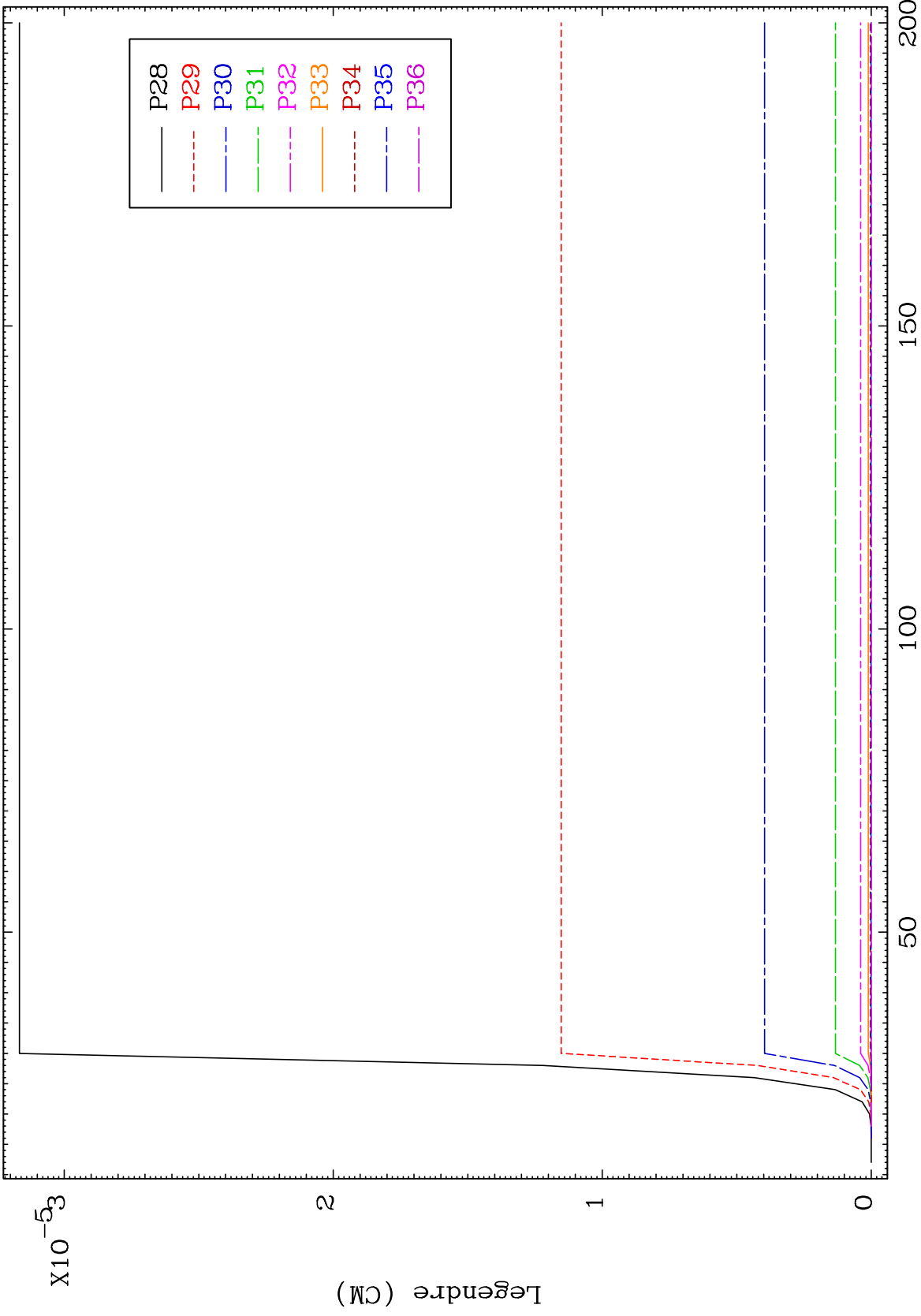


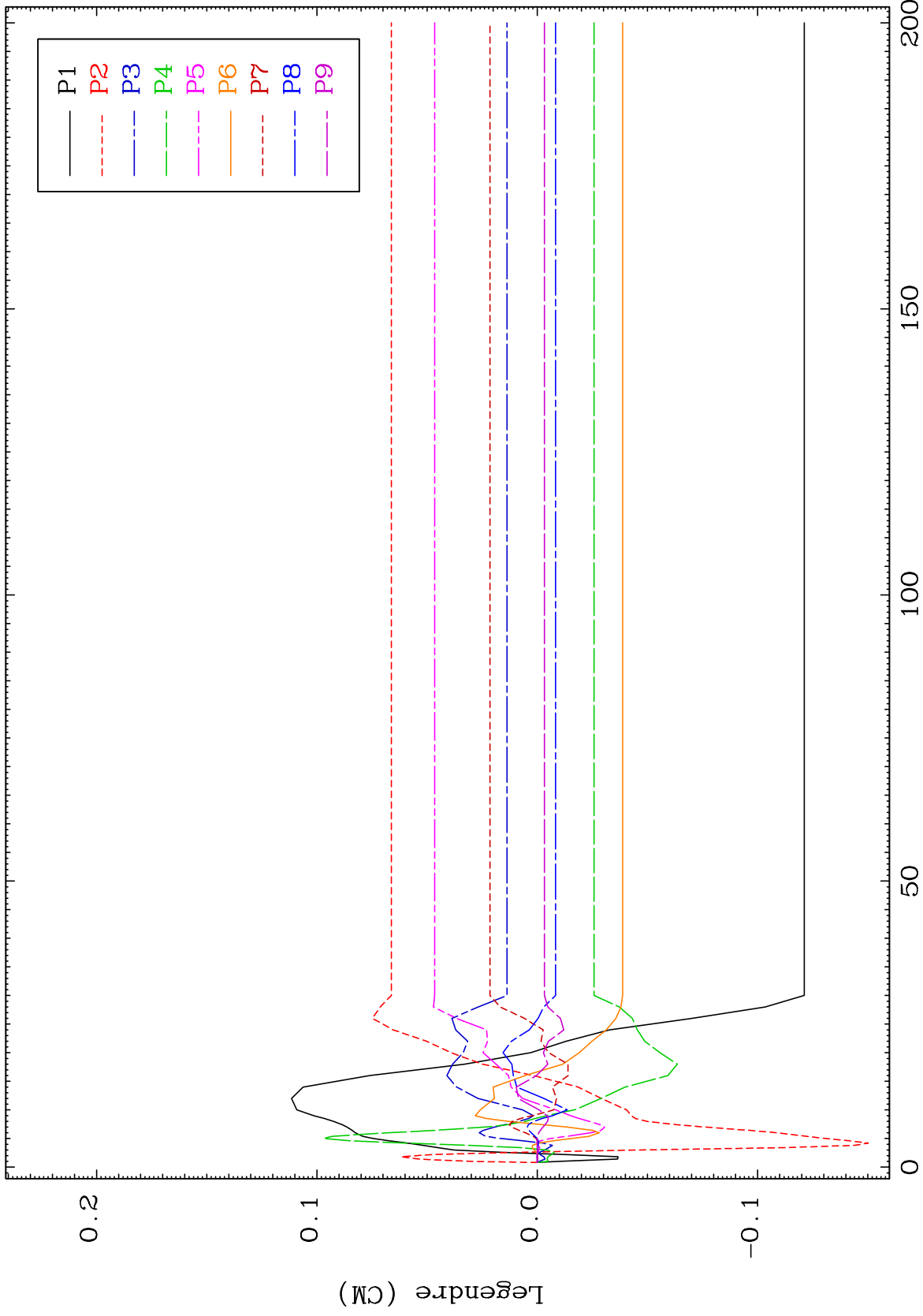
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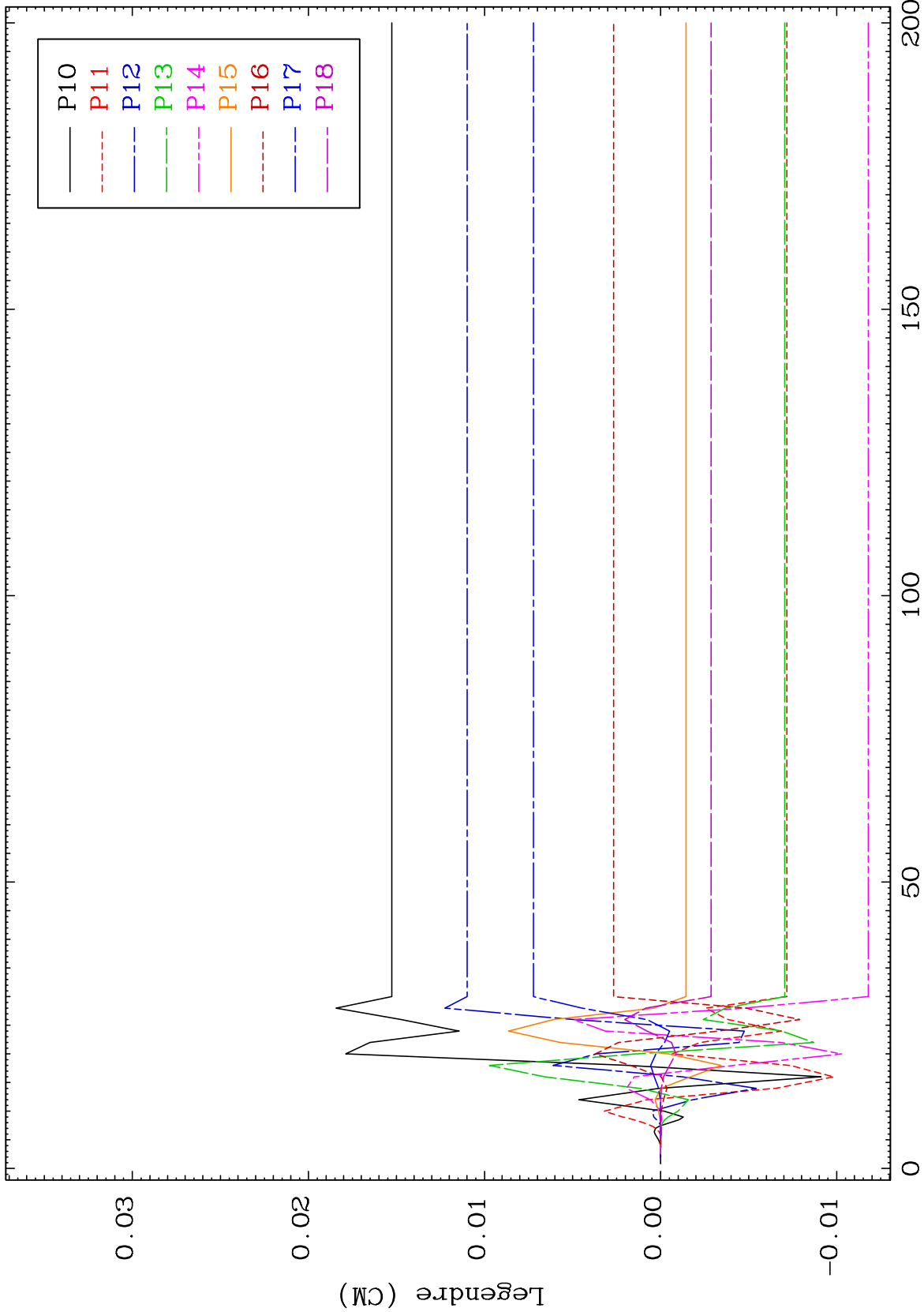
Incident Energy (MeV)

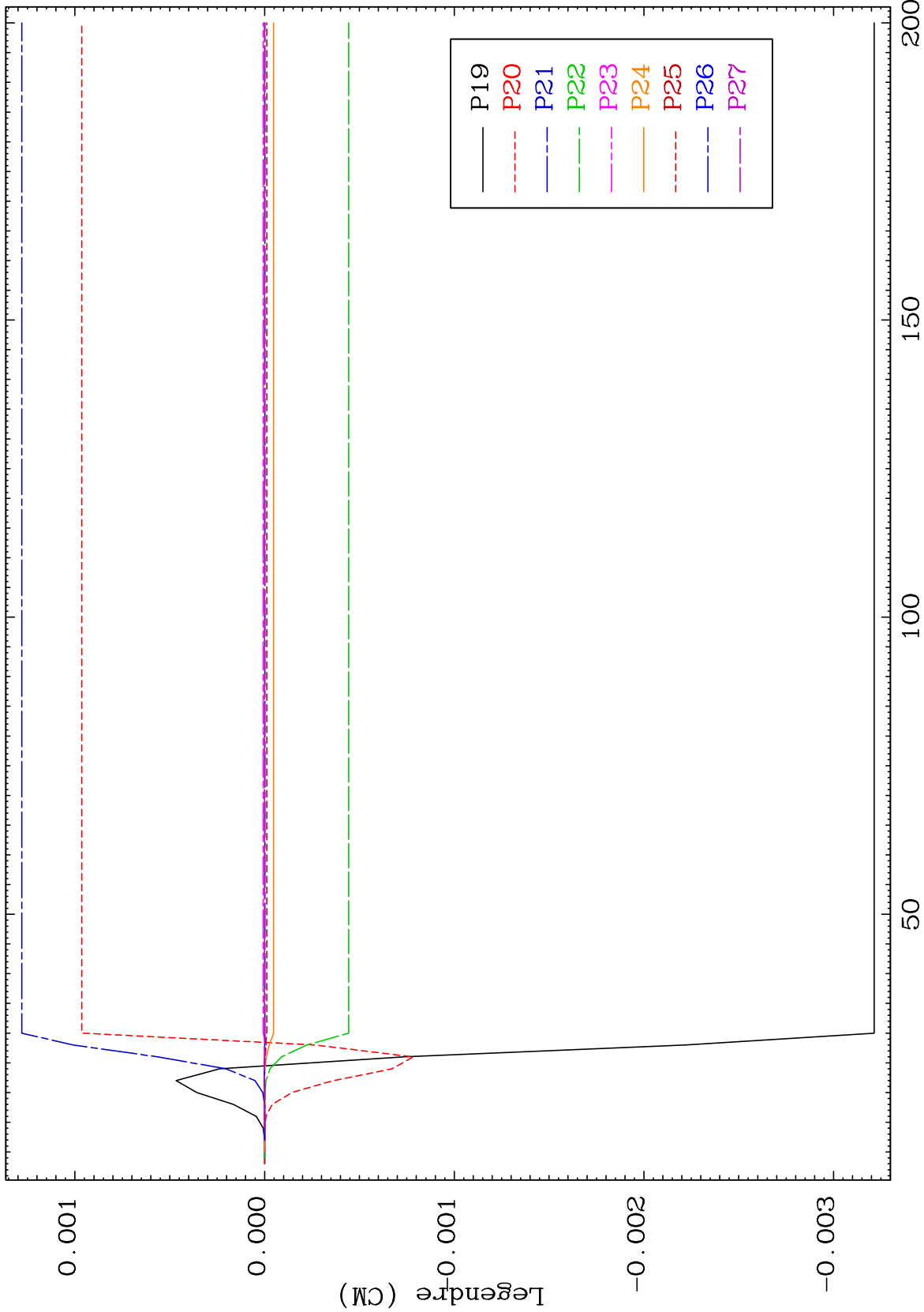
74-W -186

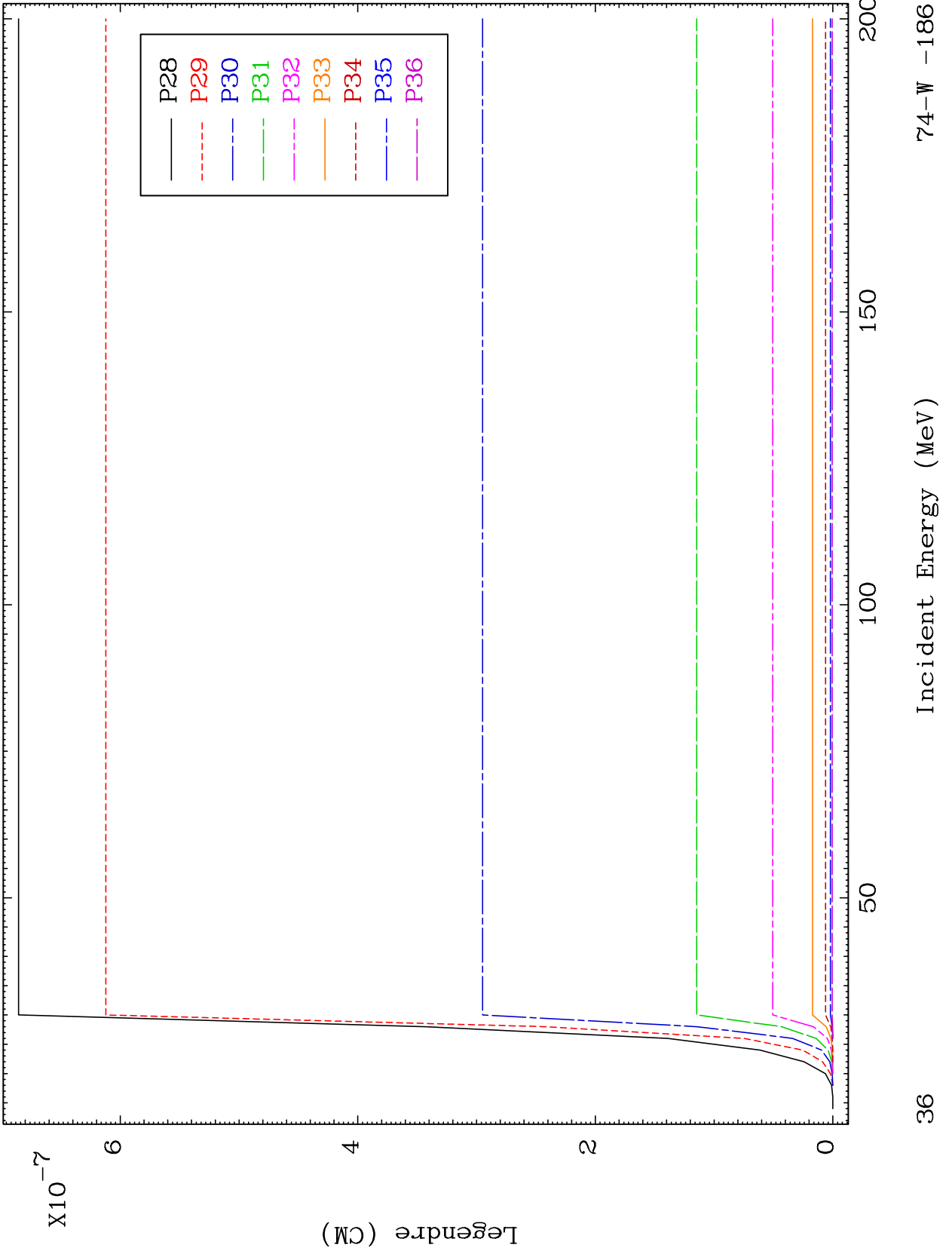


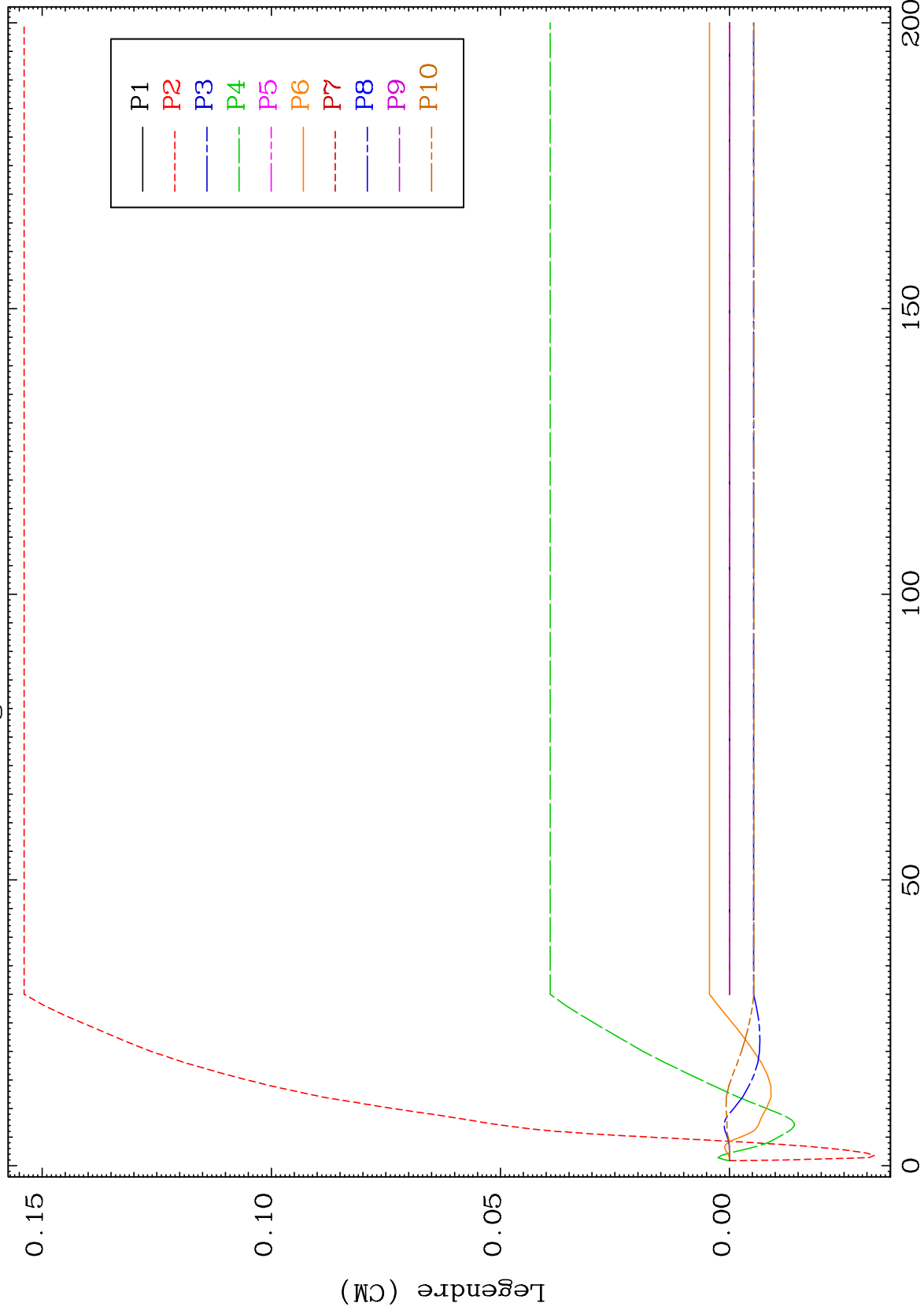


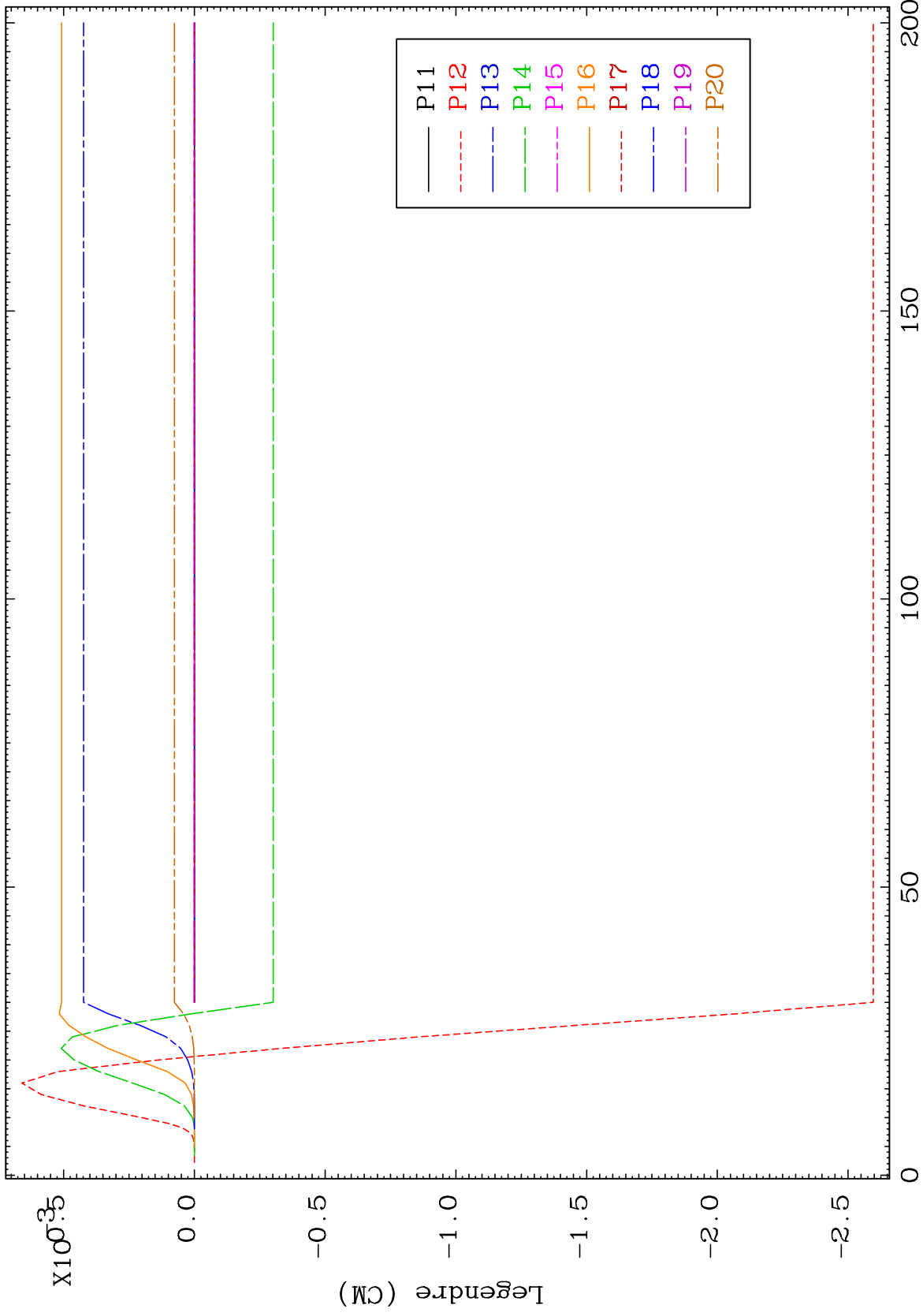








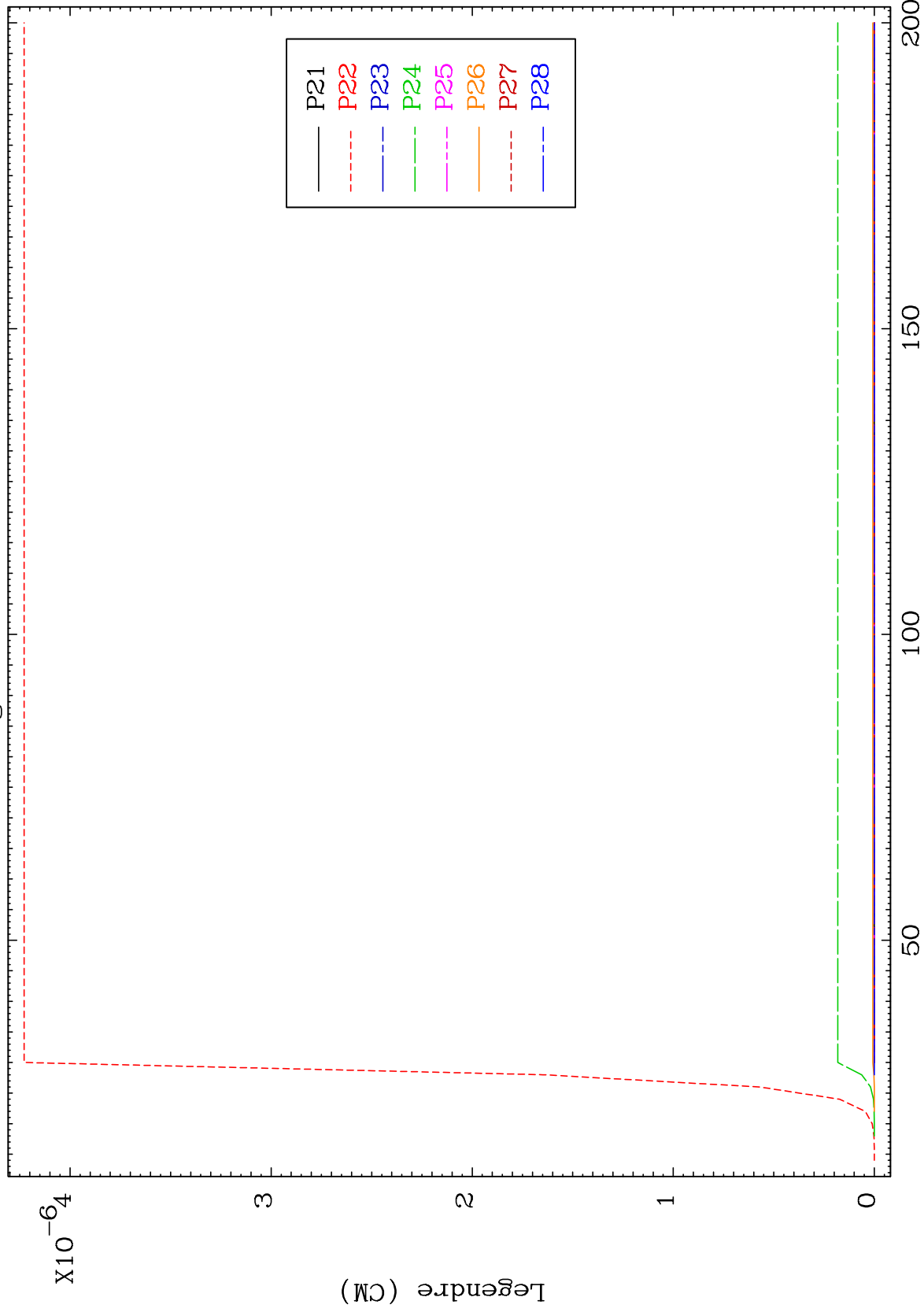




MAT 7443

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

74-W -186



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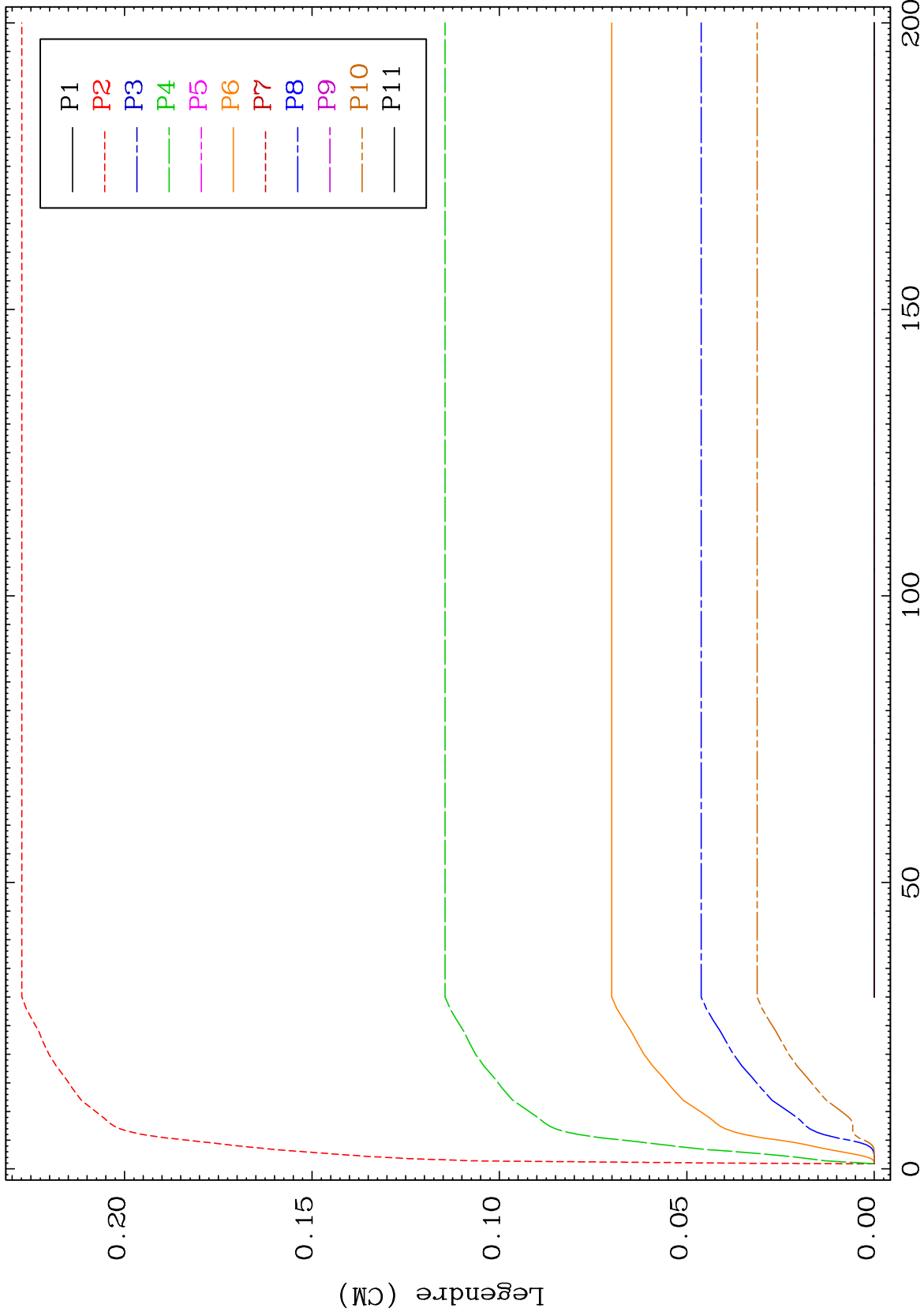
Incident Energy (MeV)

74-W -186

MAT 7443

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

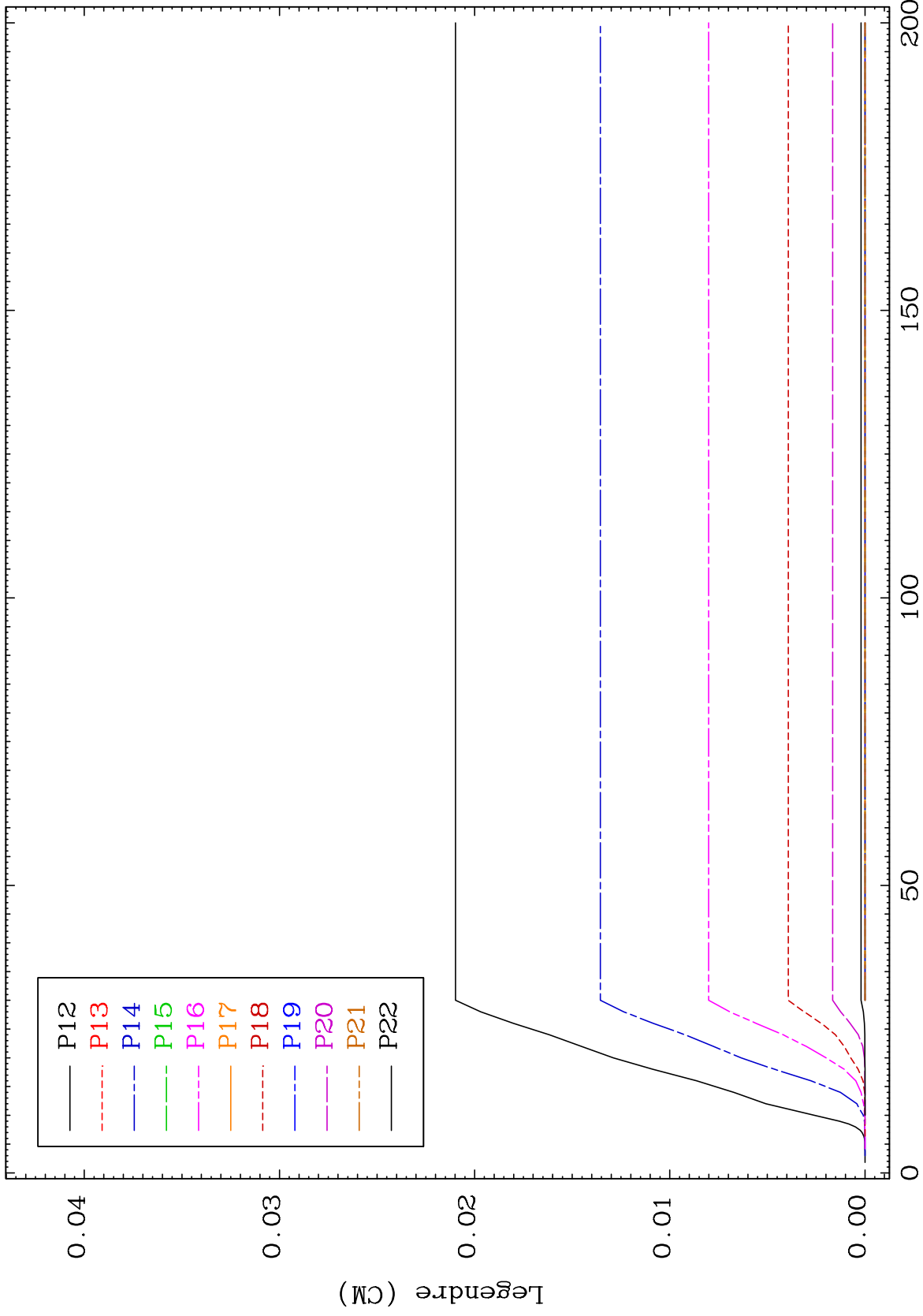
74-W -186



74-W -186

Incident Energy (MeV)

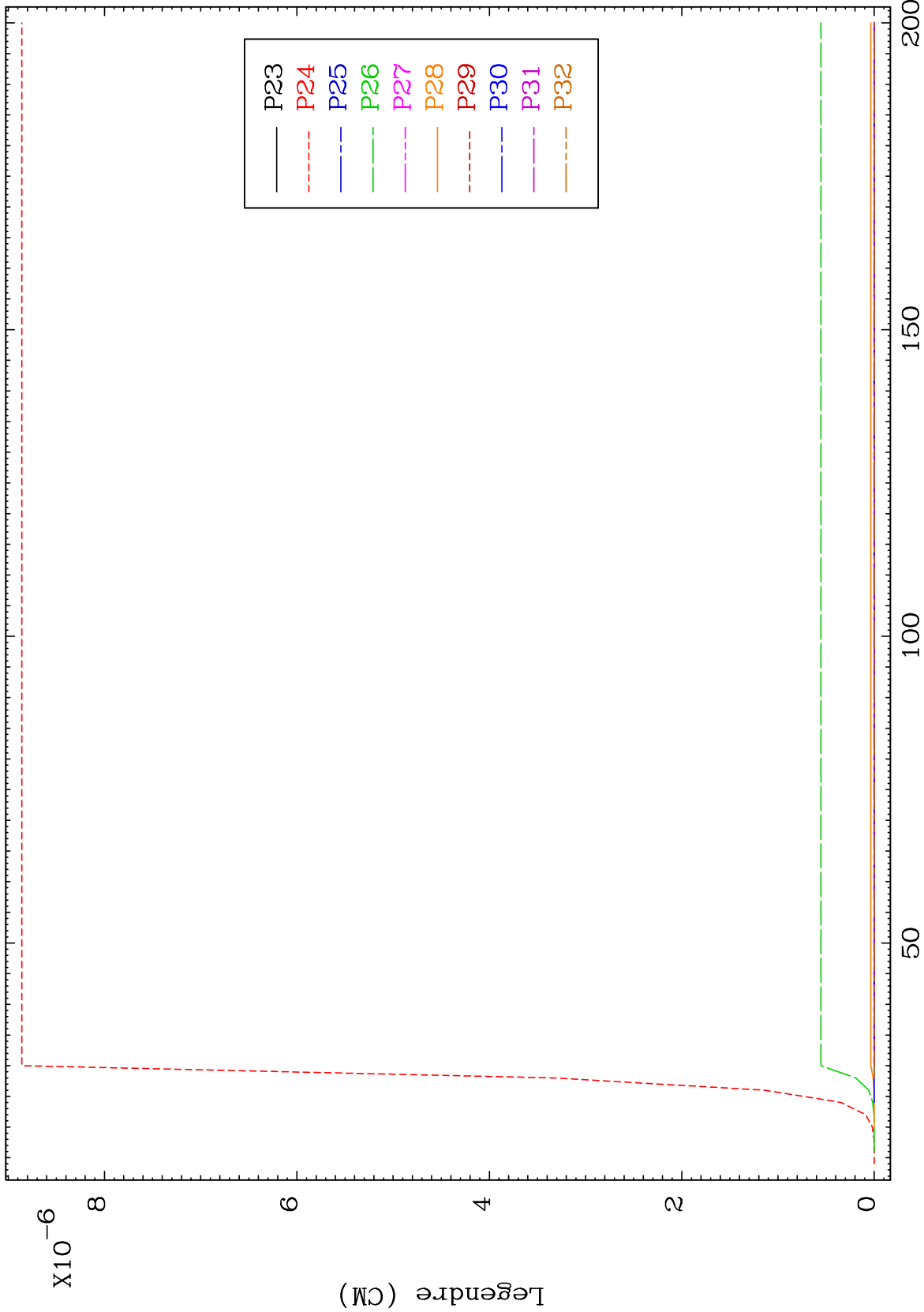
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MAT 7443

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

74-W -186



42

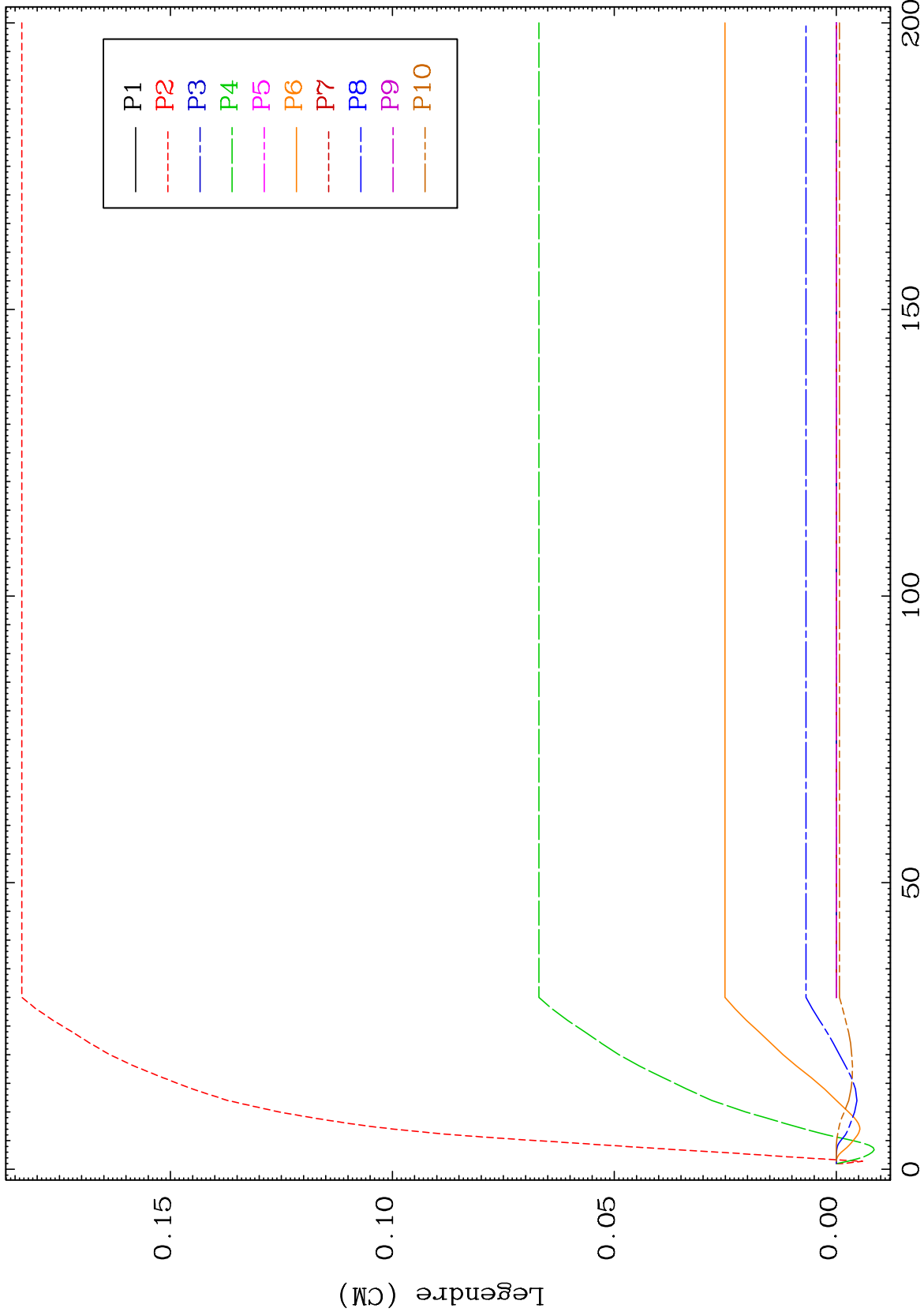
Incident Energy (MeV)

74-W -186

MAT 7443

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

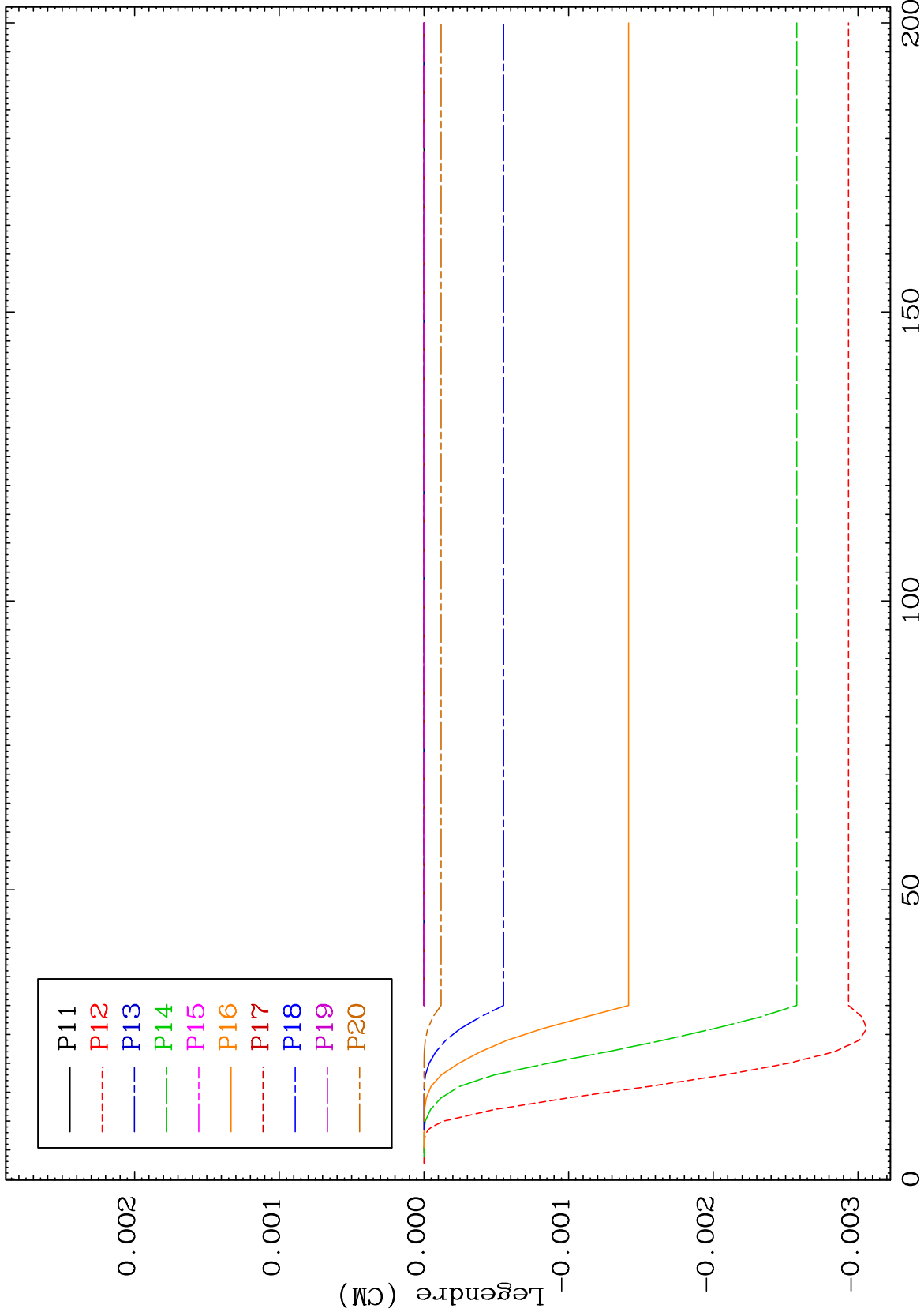
74-W -186



43

Incident Energy (MeV)

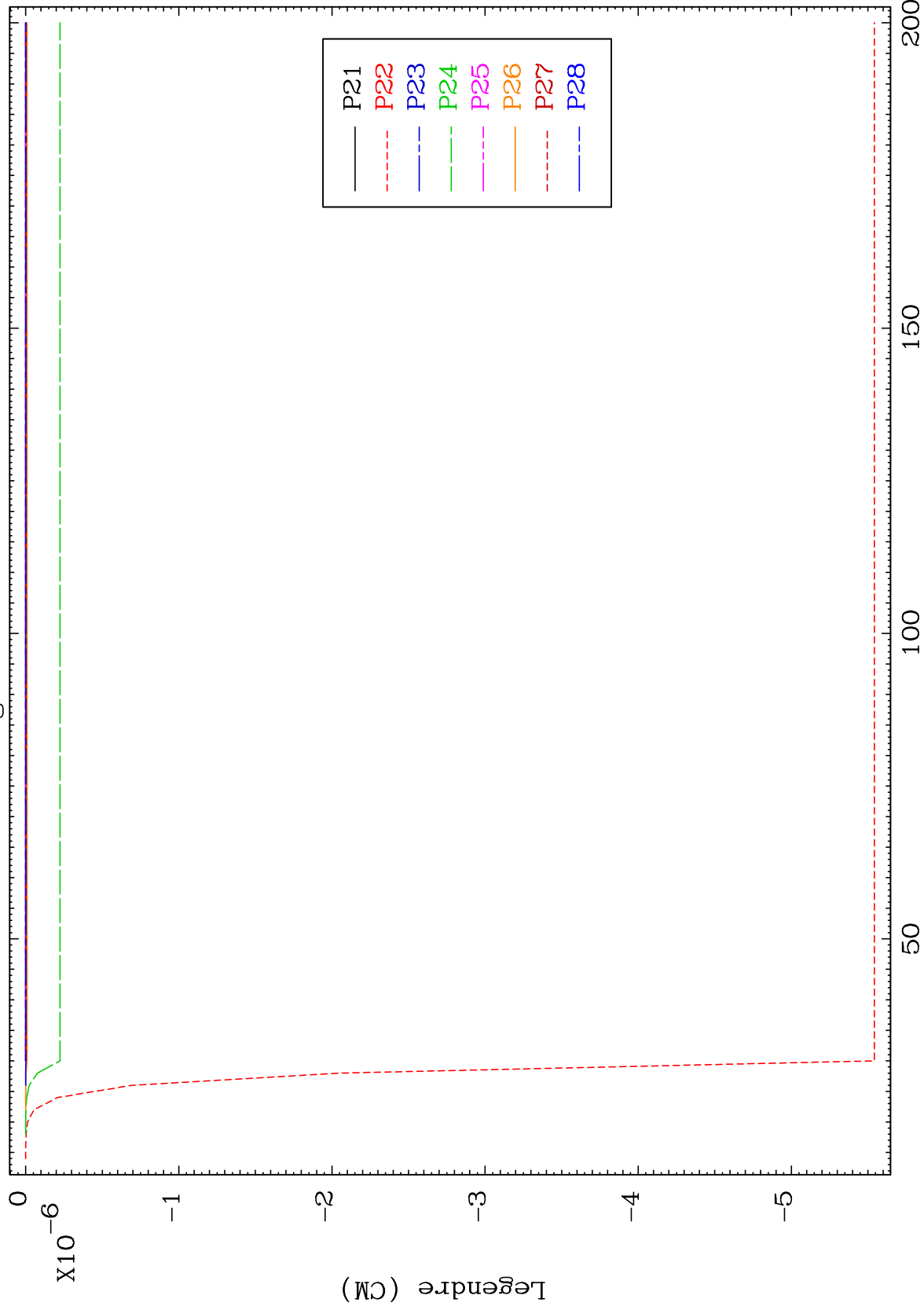
74-W -186



MAT 7443

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

74-W -186



45

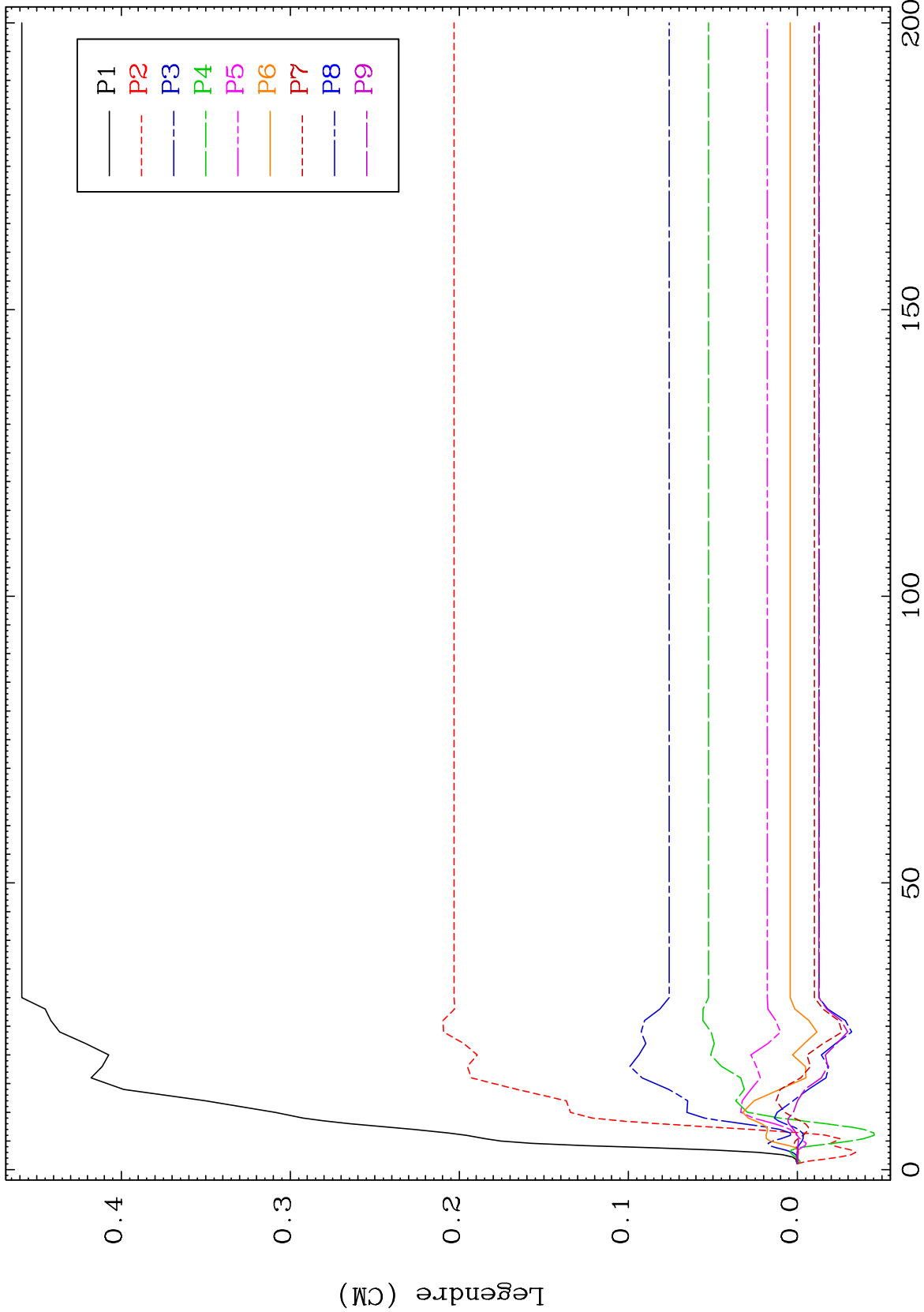
Incident Energy (MeV)

74-W -186

MAT 7443

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

74-W -186



46

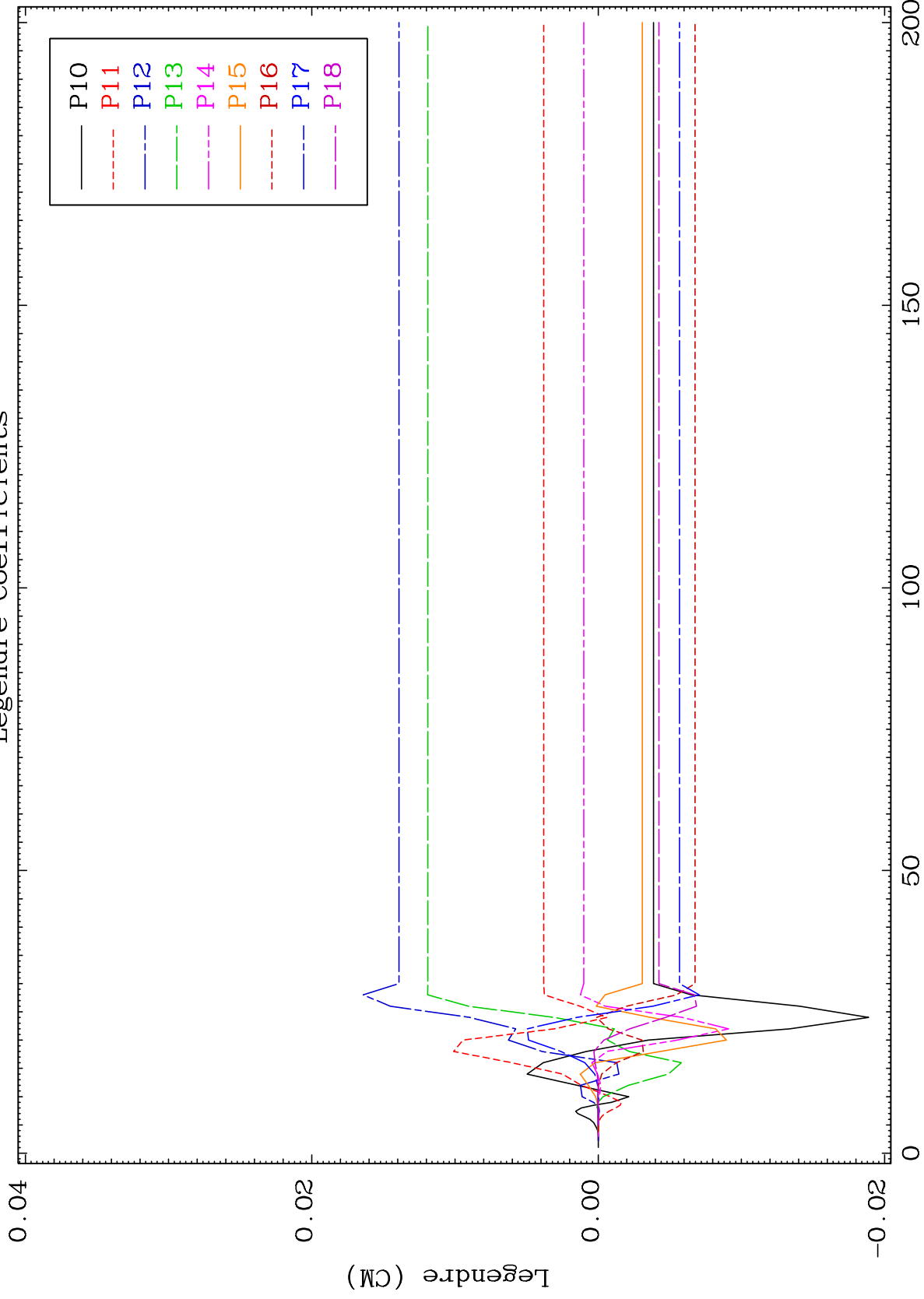
Incident Energy (MeV)

74-W -186

MAT 7443

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

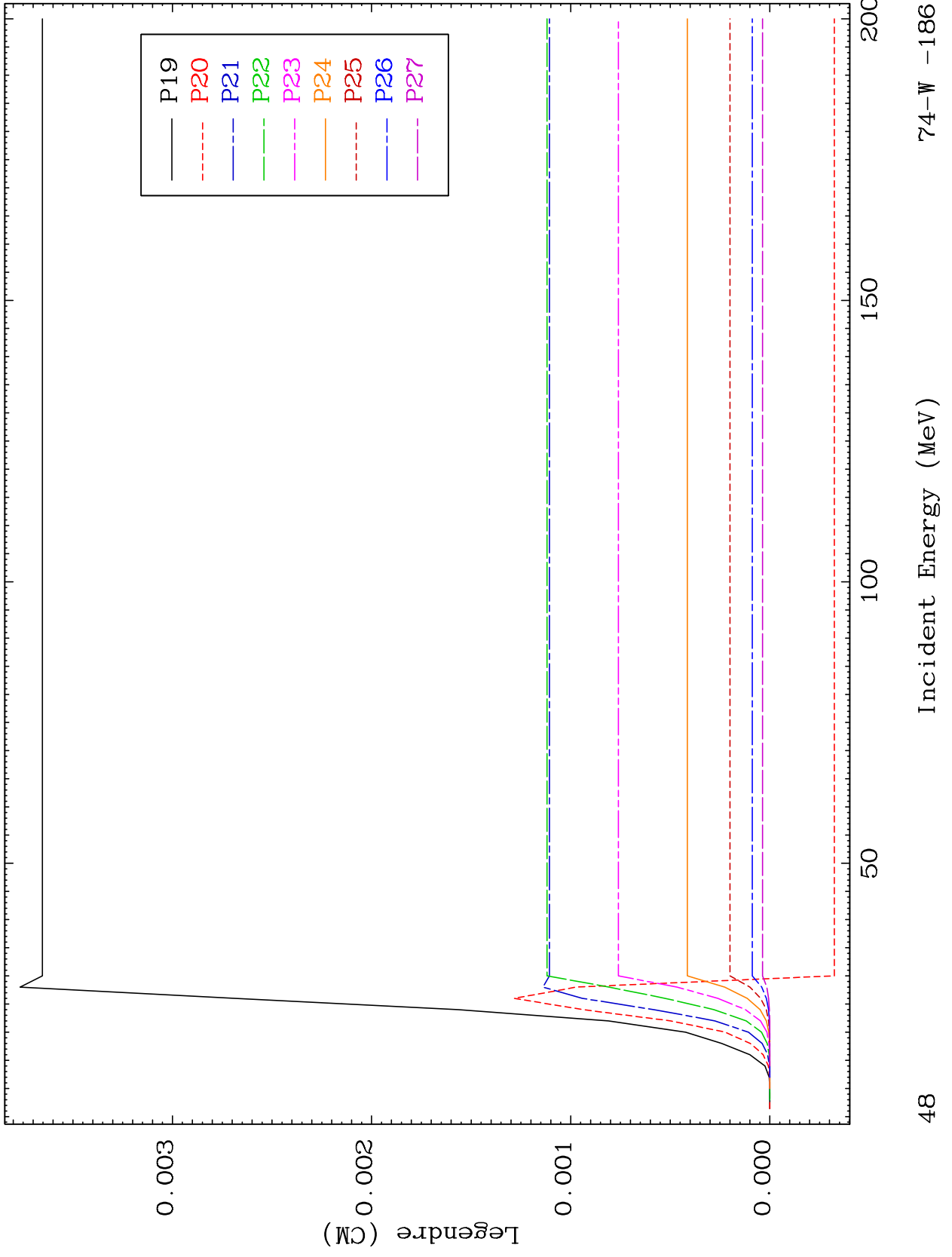
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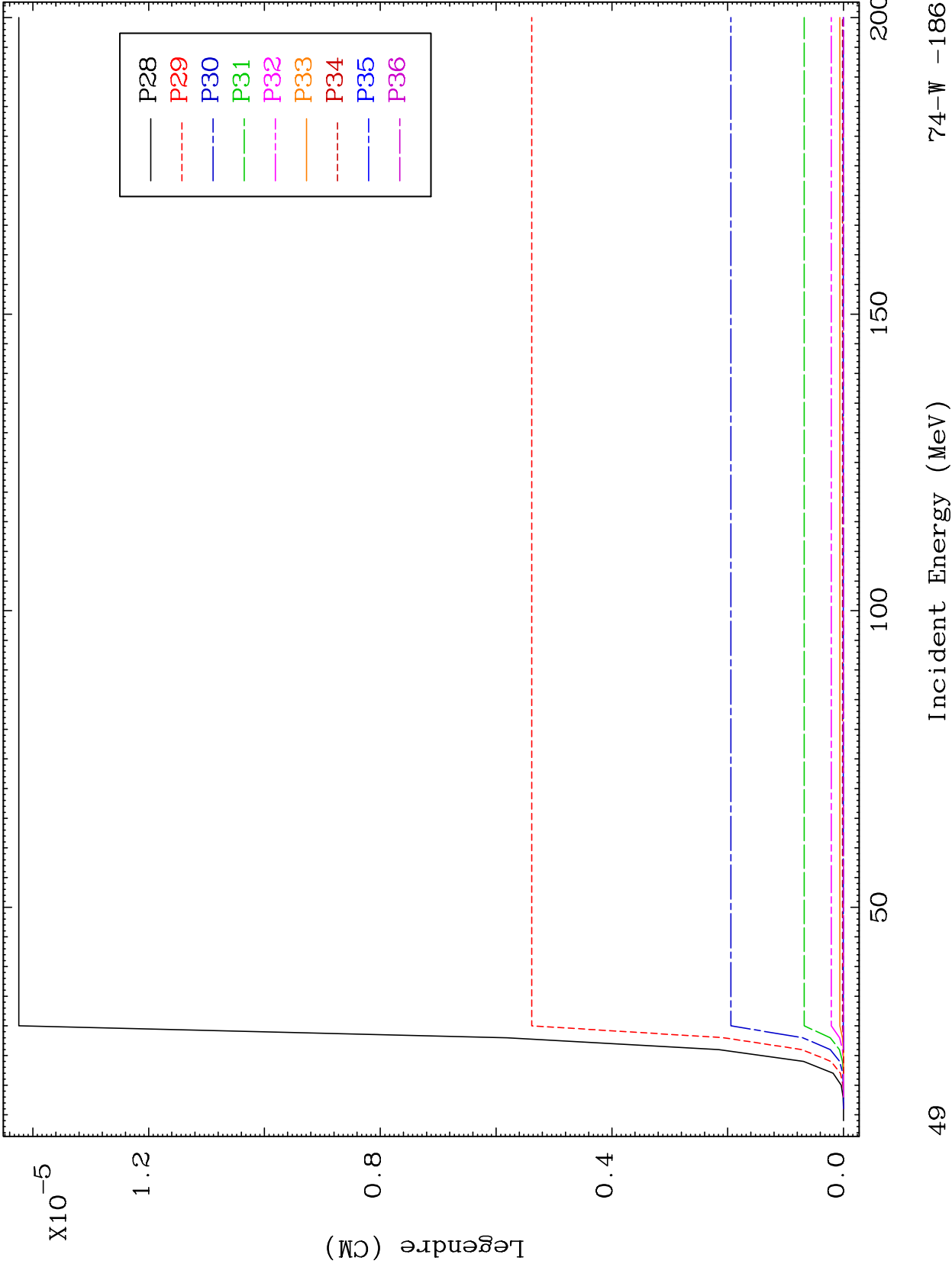


47

Incident Energy (MeV)

74-W -186

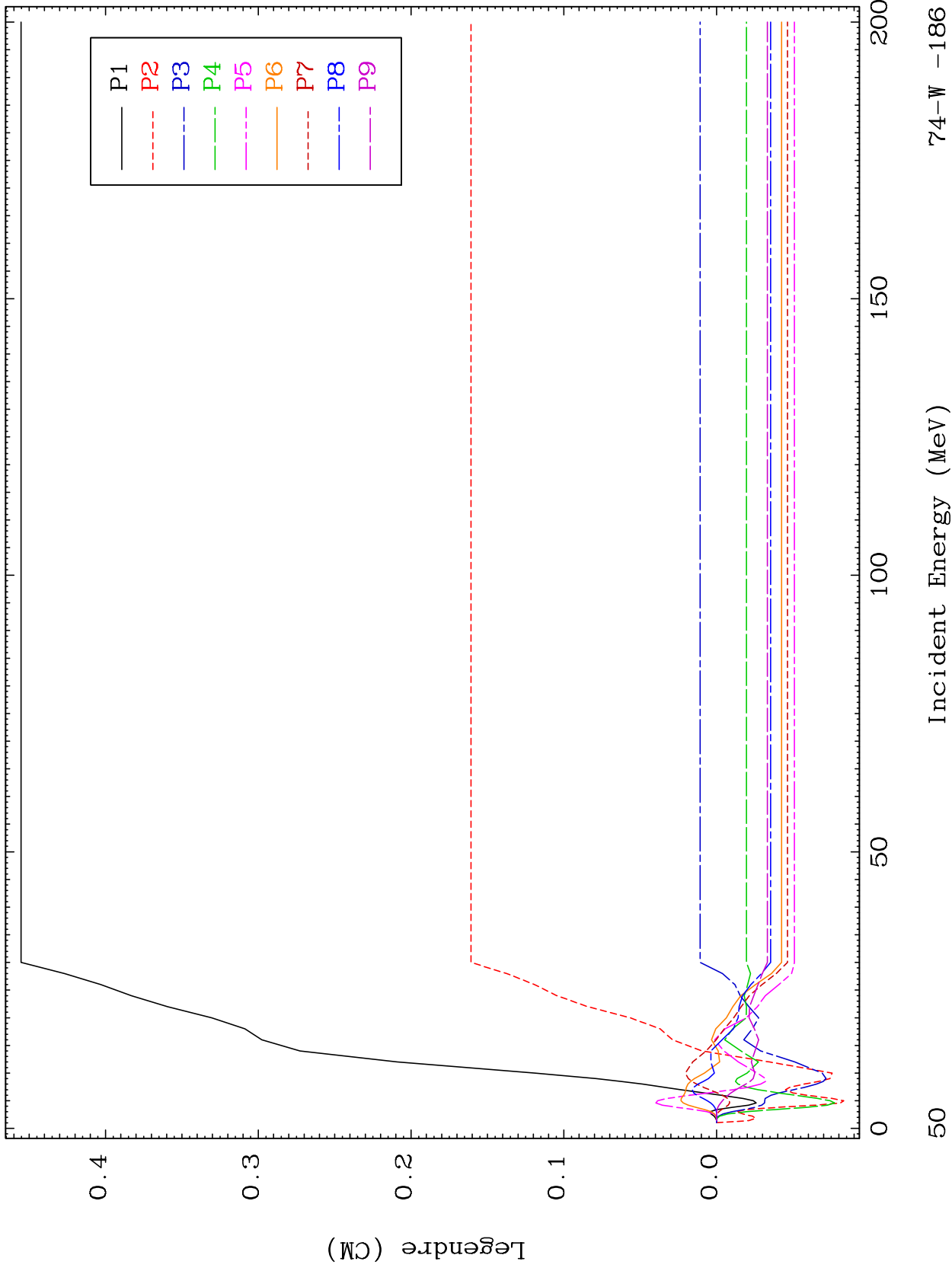


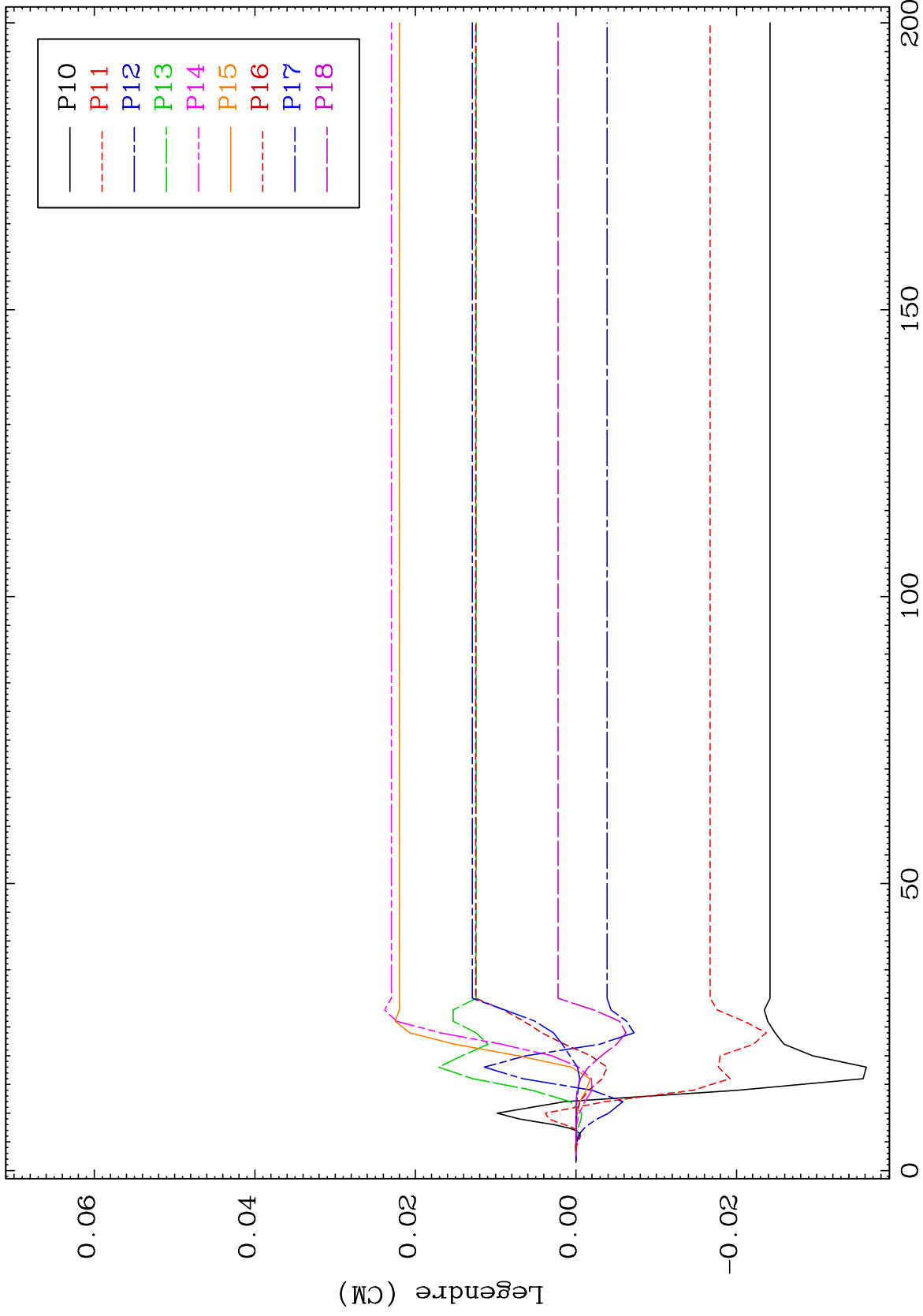


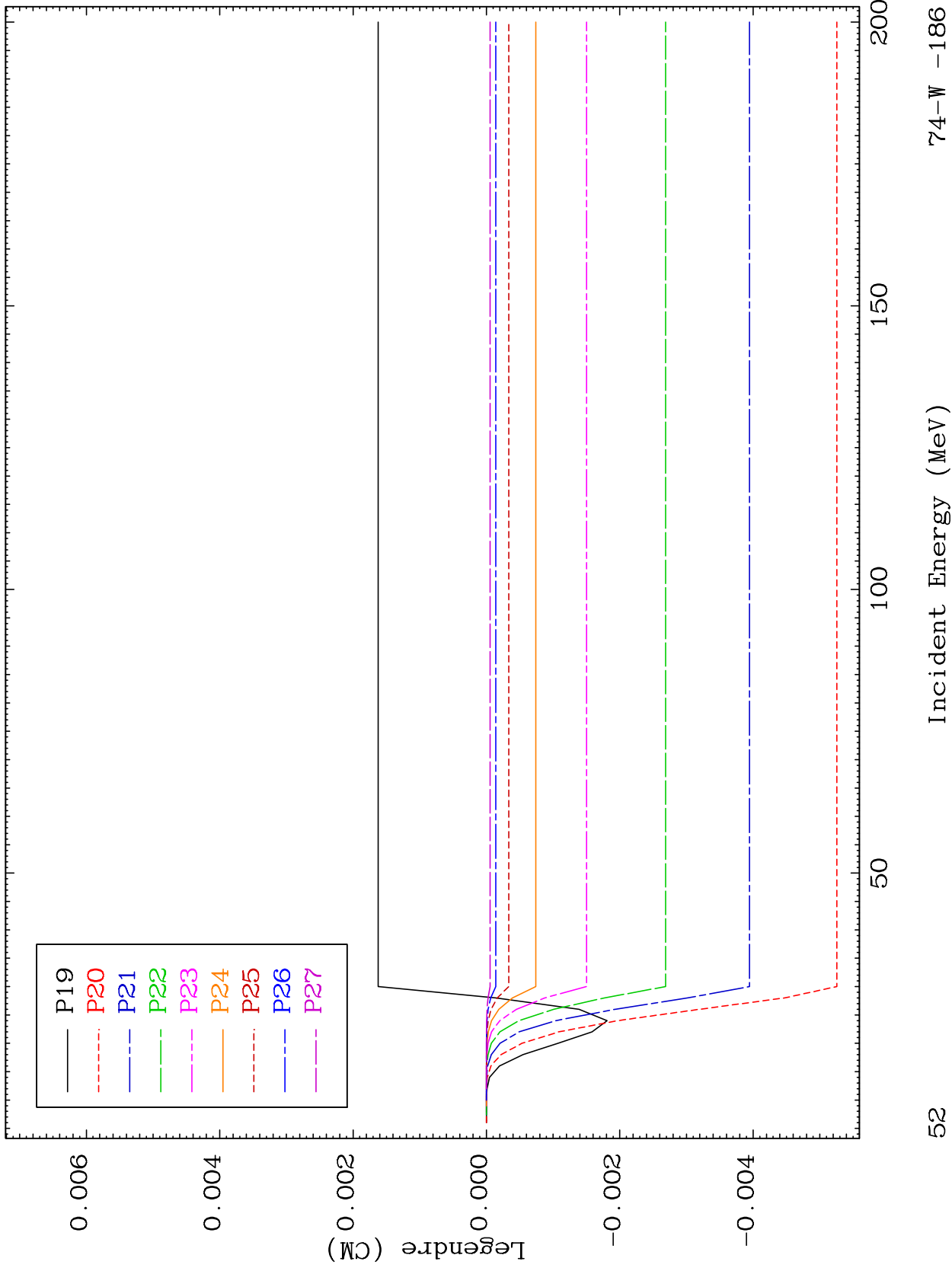
MAT 7443

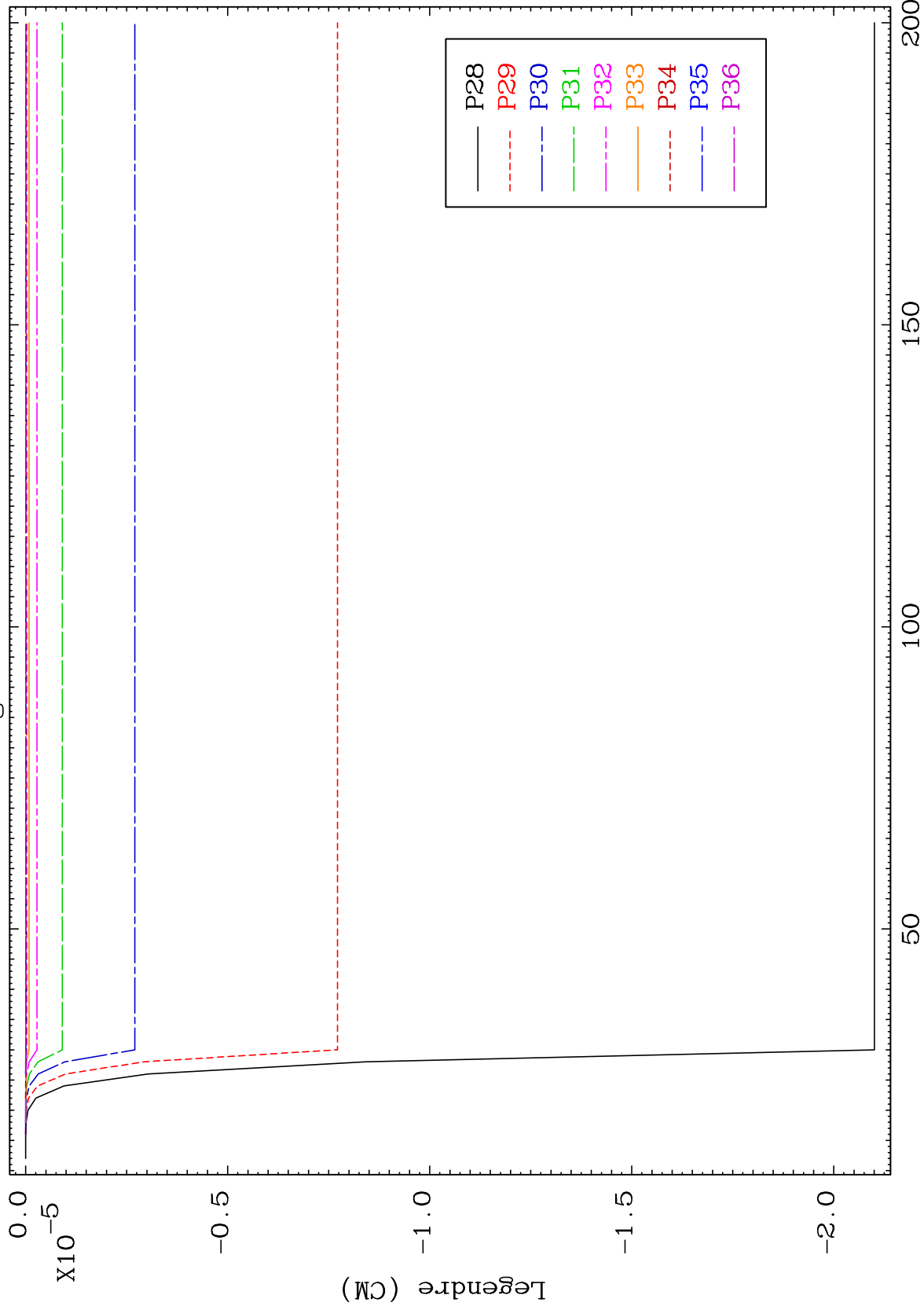
MT= 59 (n,n') Level
Legendre Coefficients

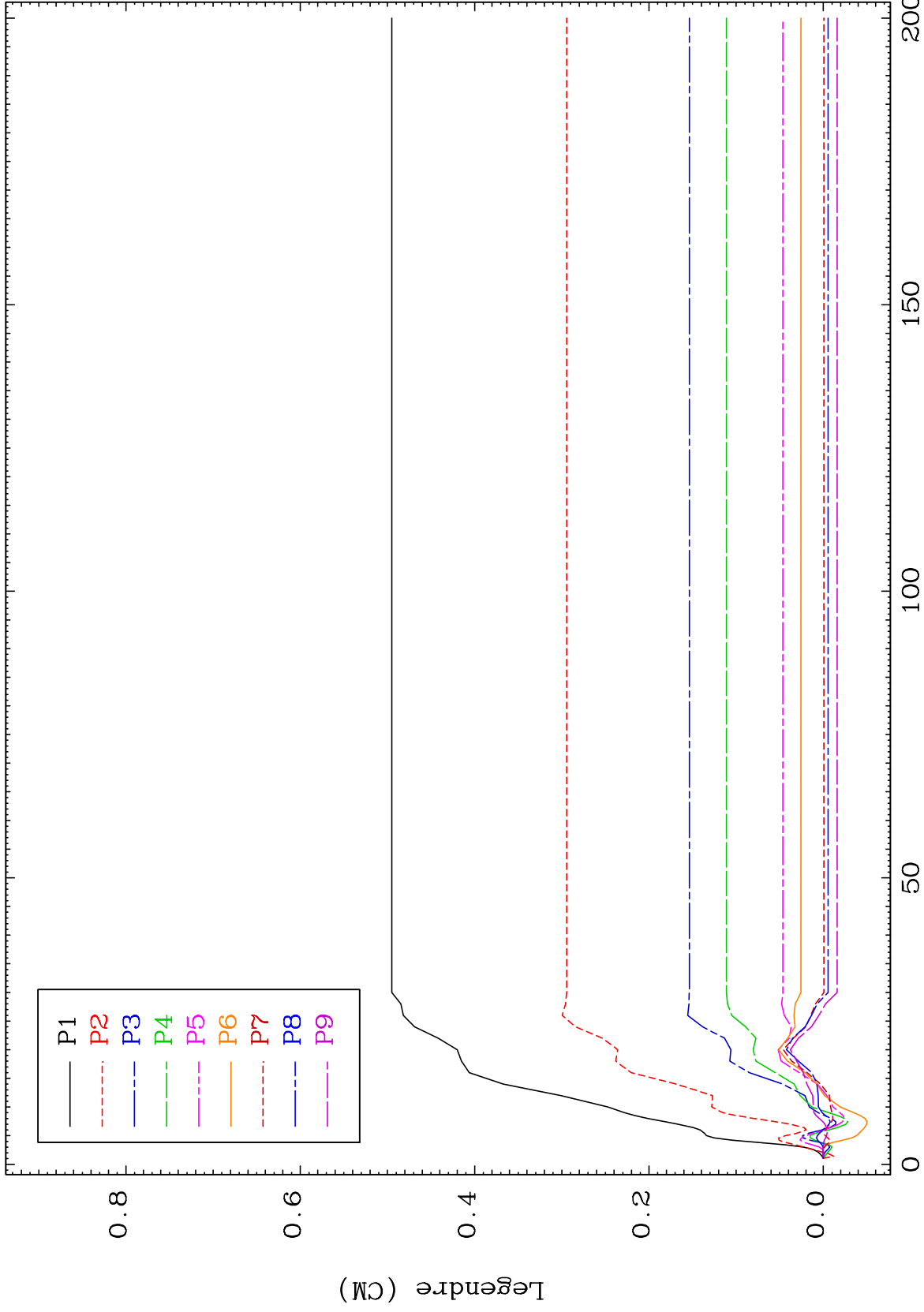
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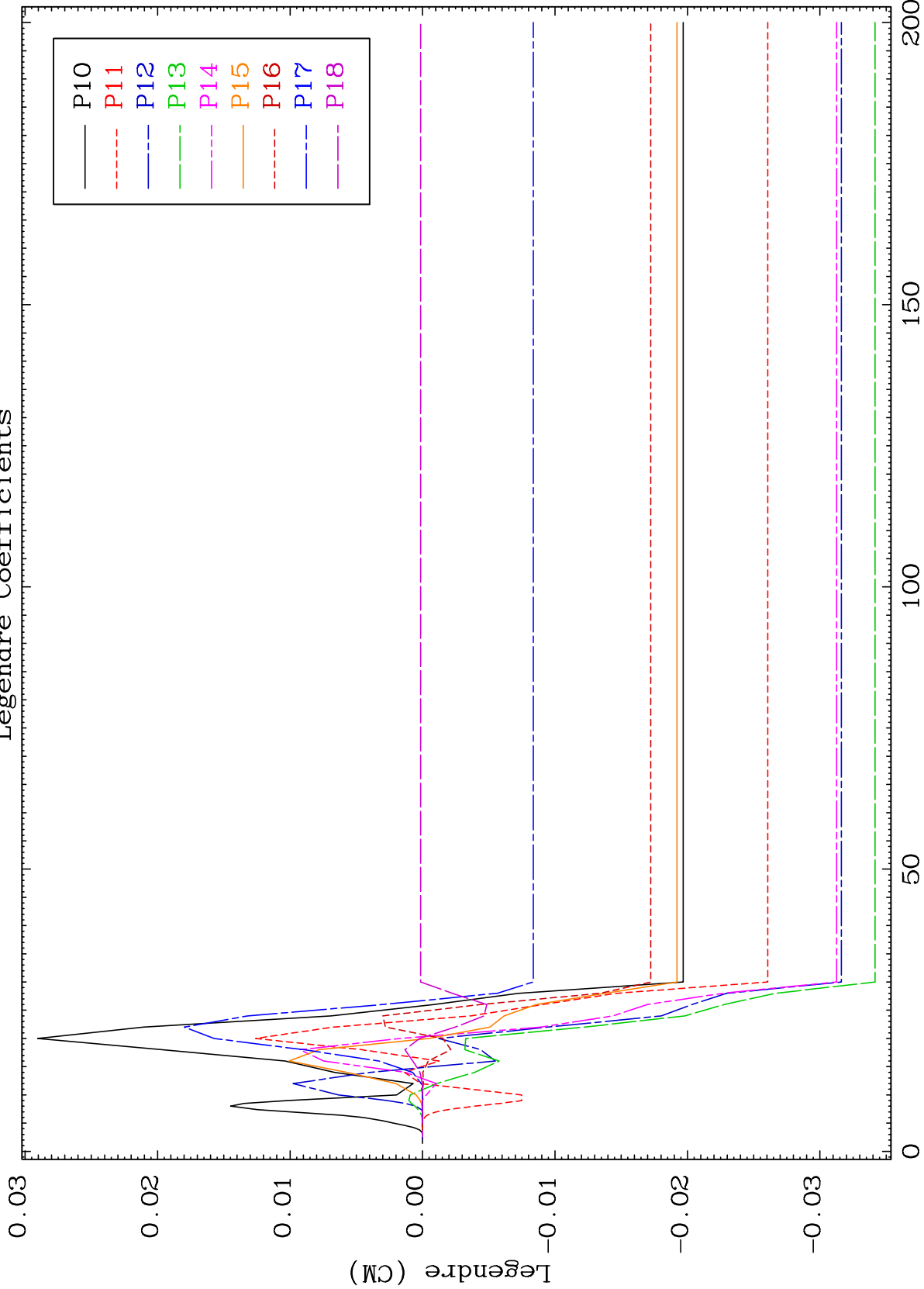




MAT 7443

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

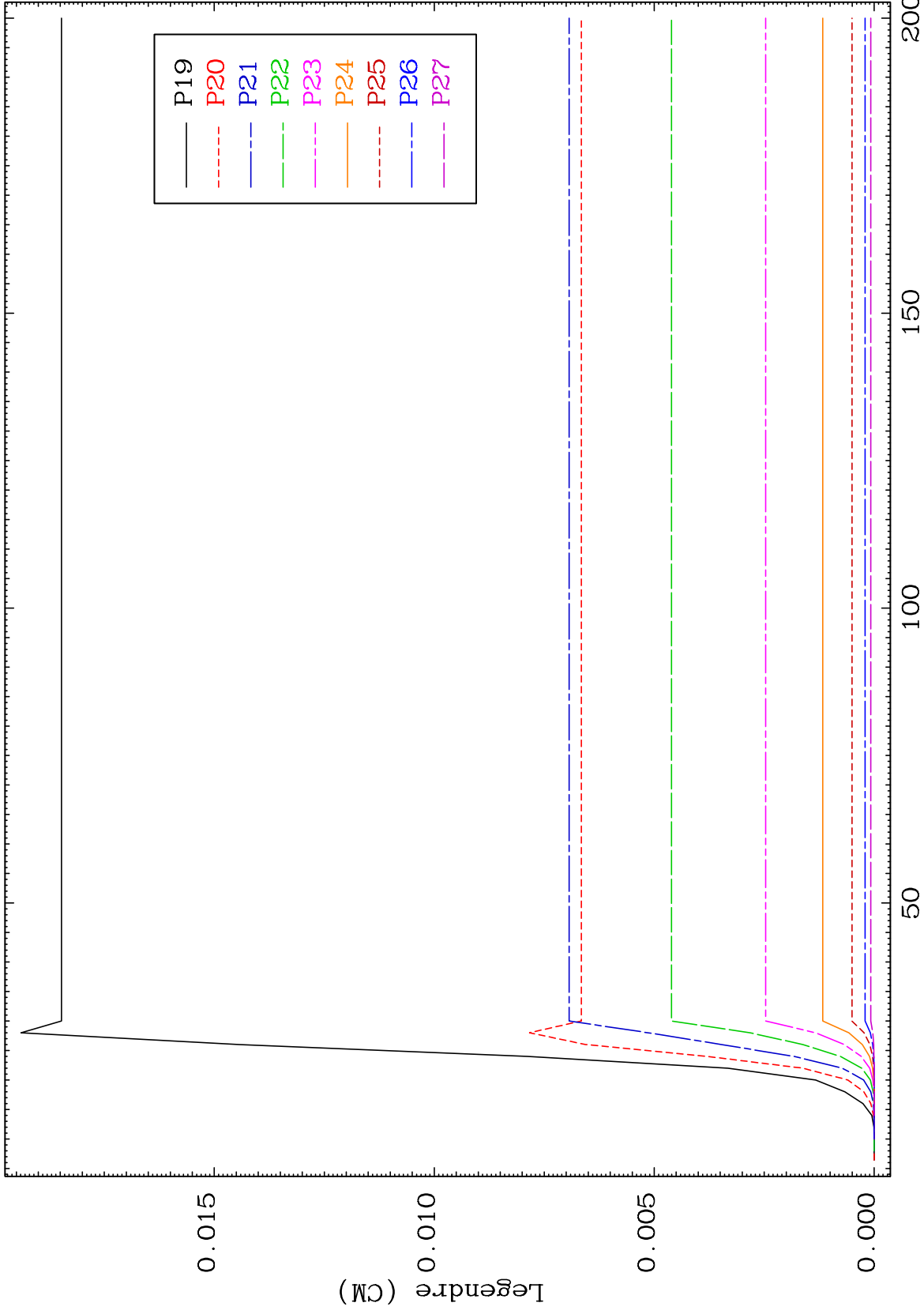
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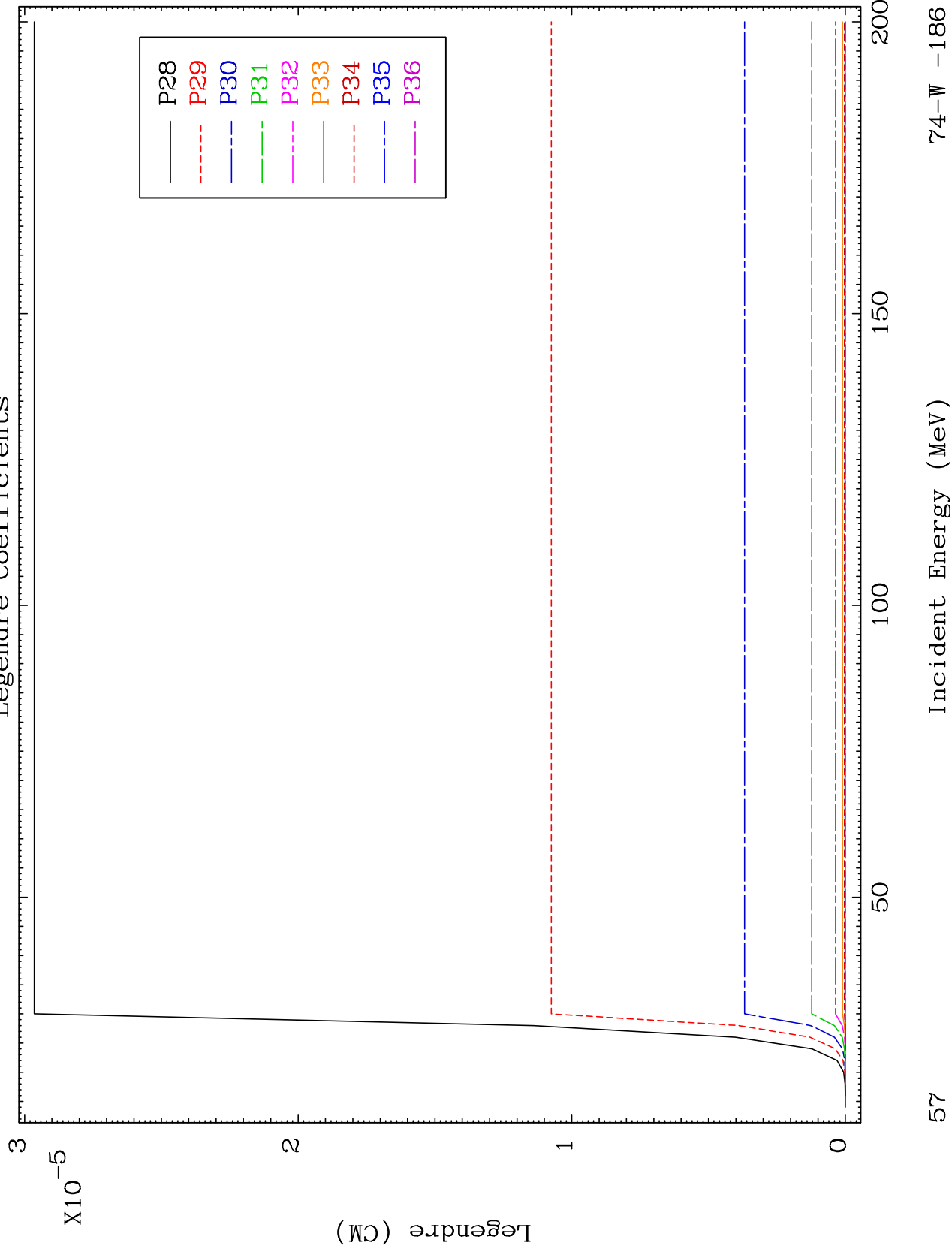


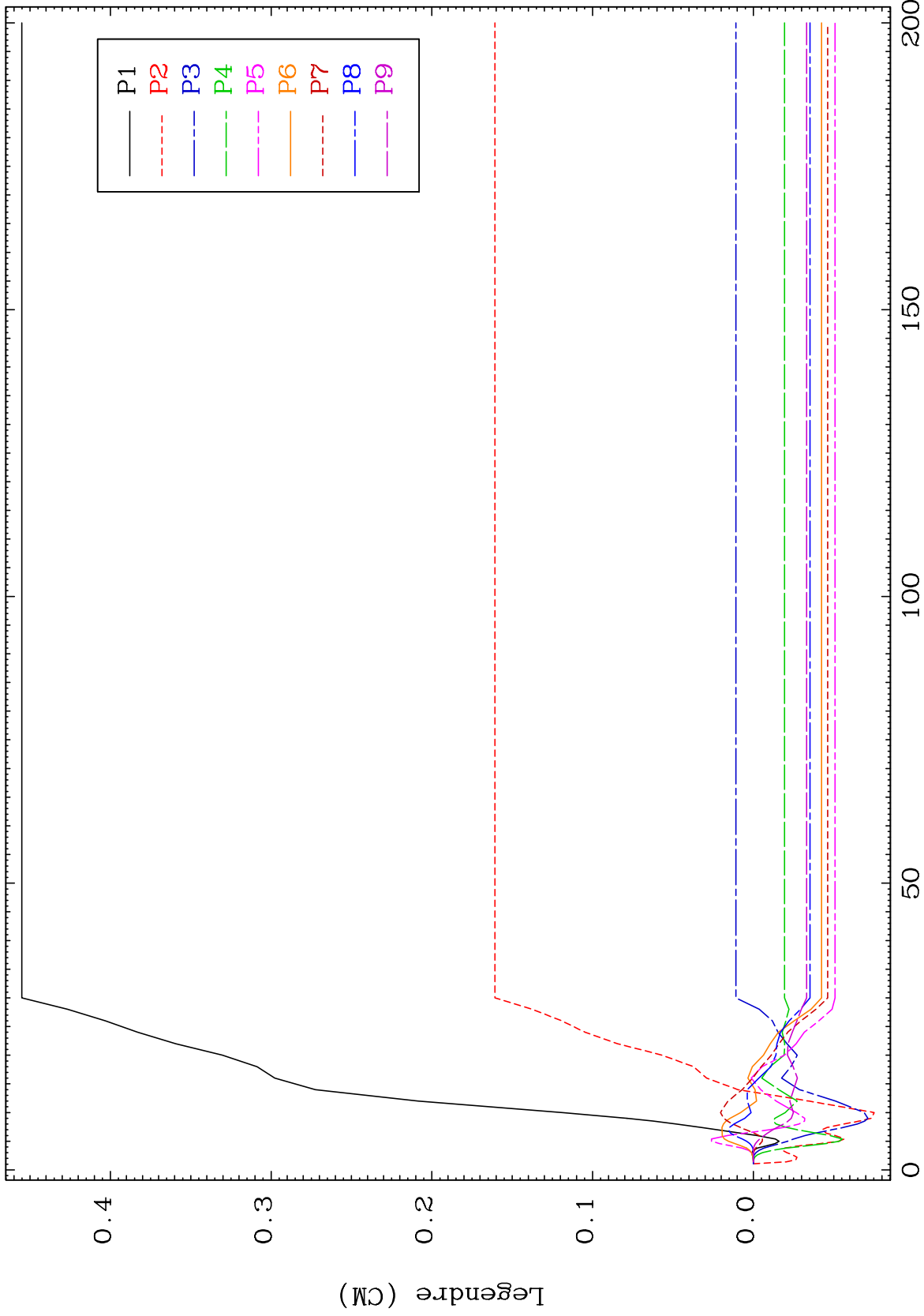
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Incident Energy (MeV)

74-W -186



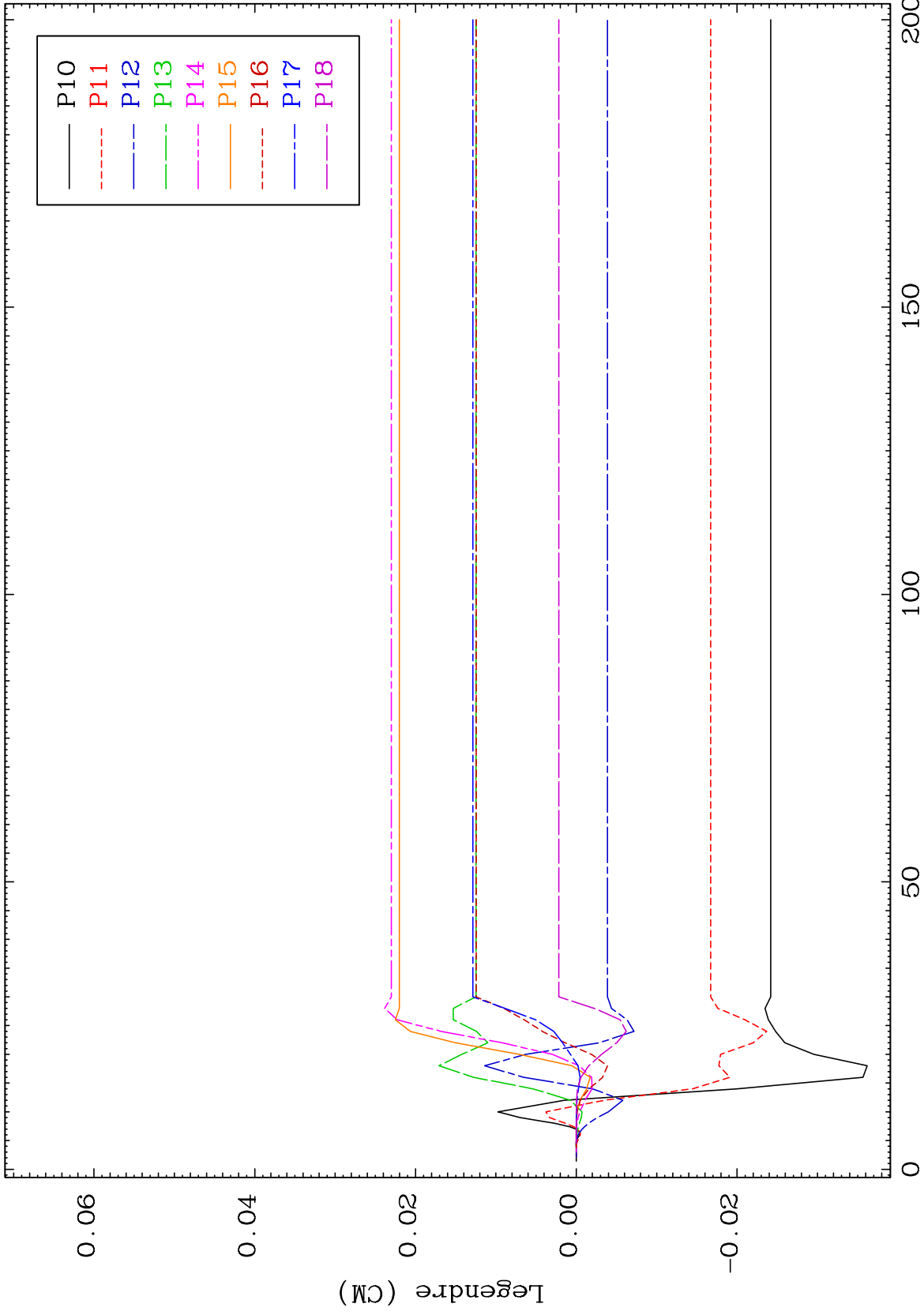




MAT 7443

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

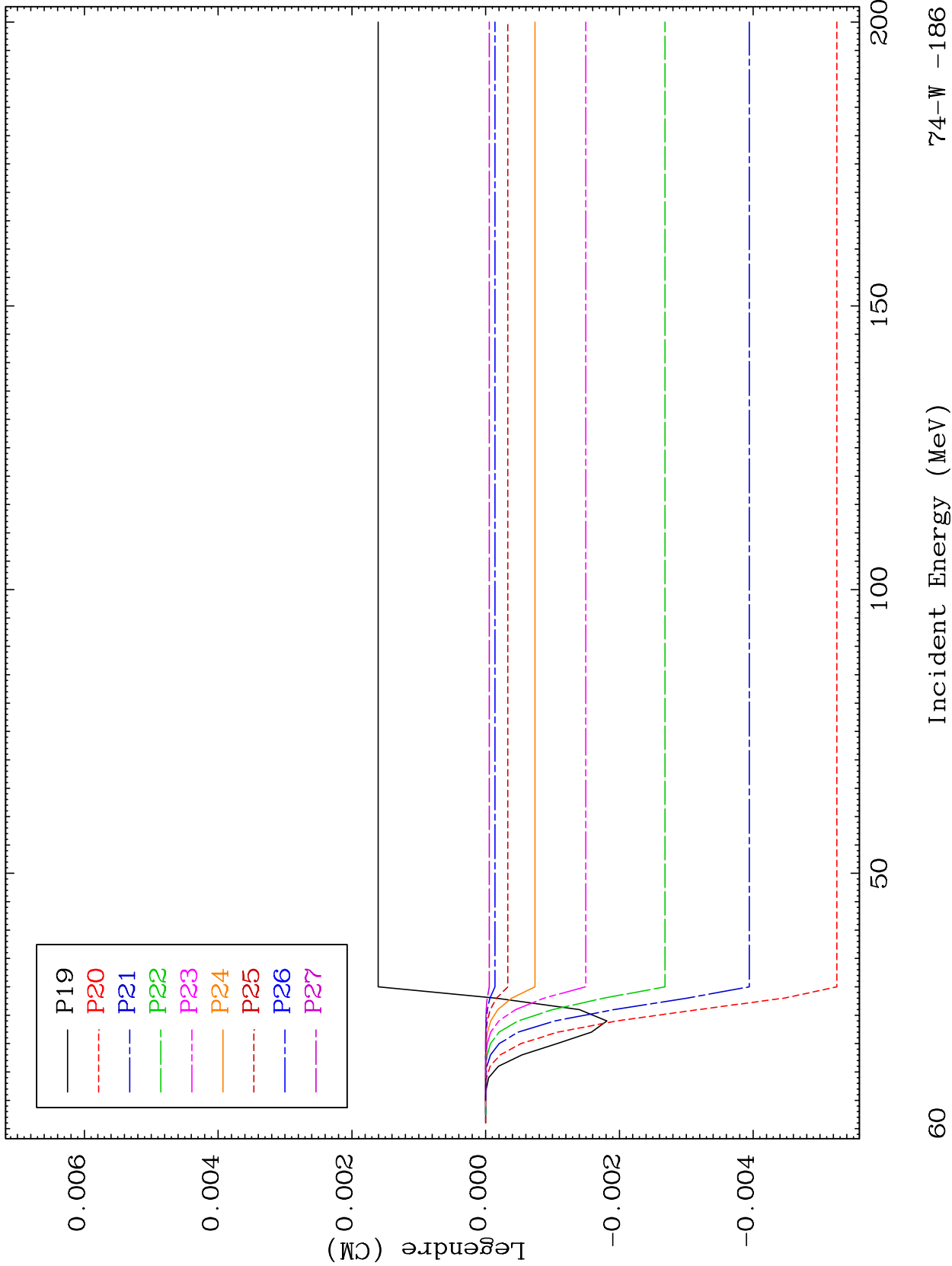
74-W -186

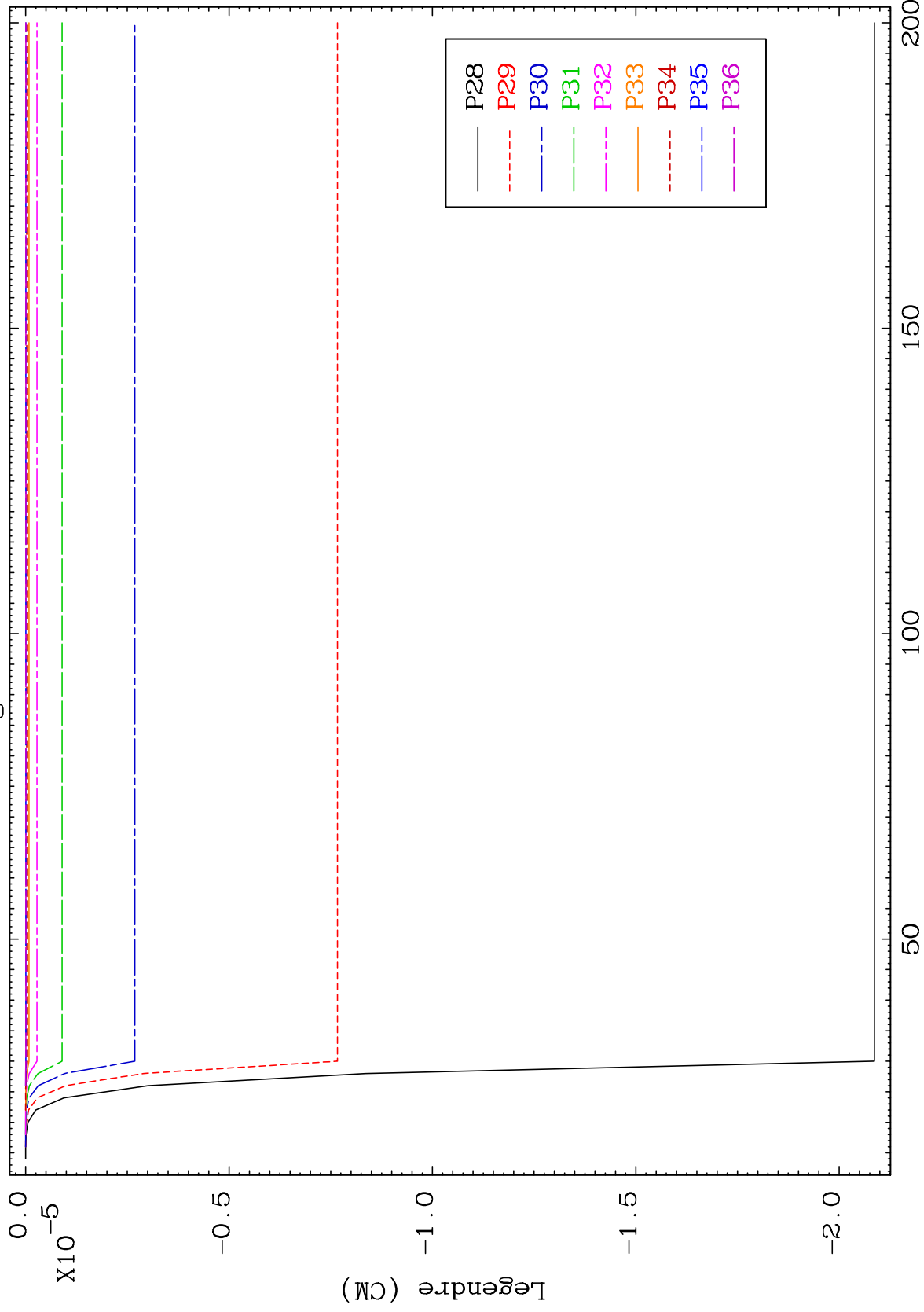


59

Incident Energy (MeV)

74-W -186

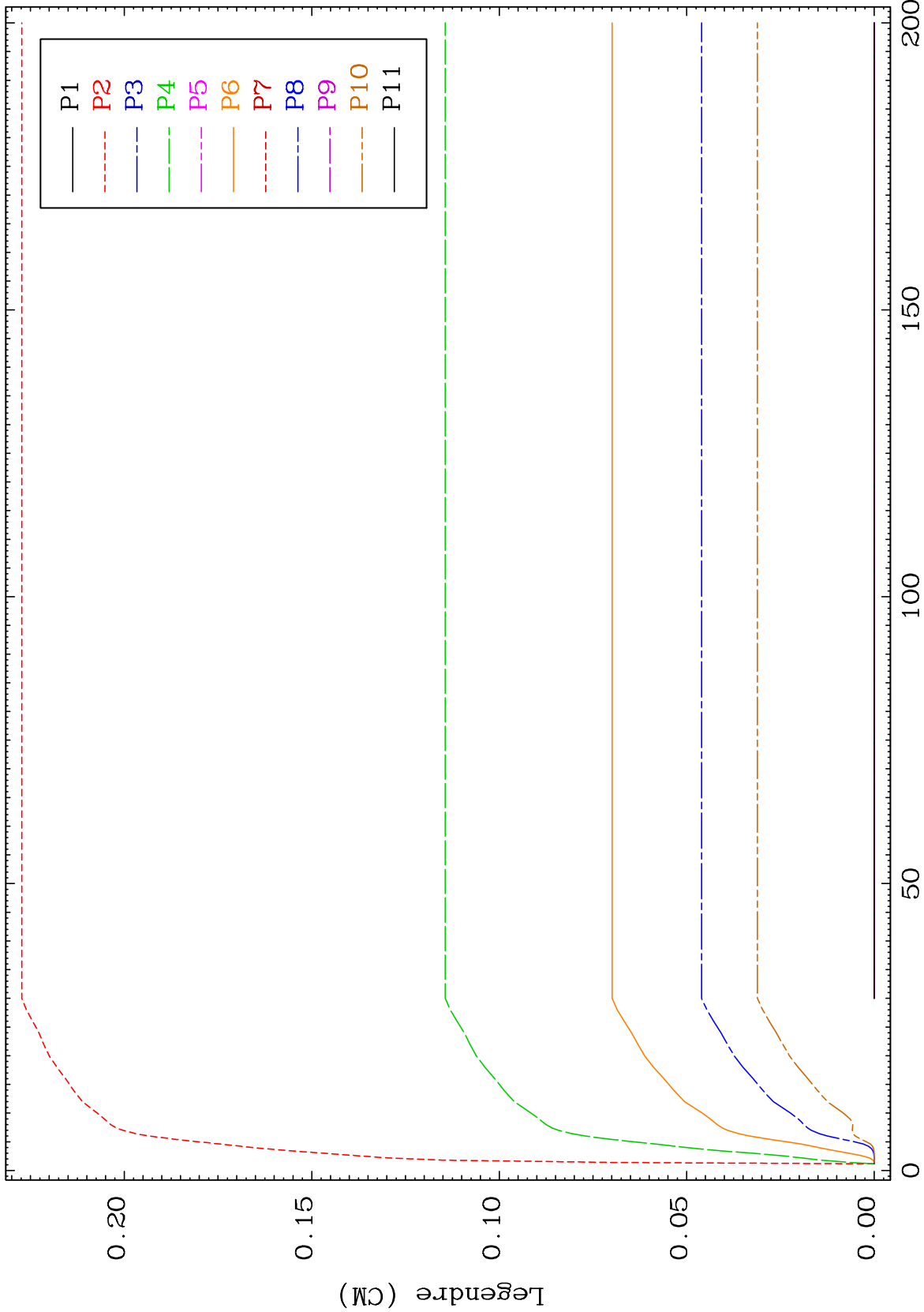




MAT 7443

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

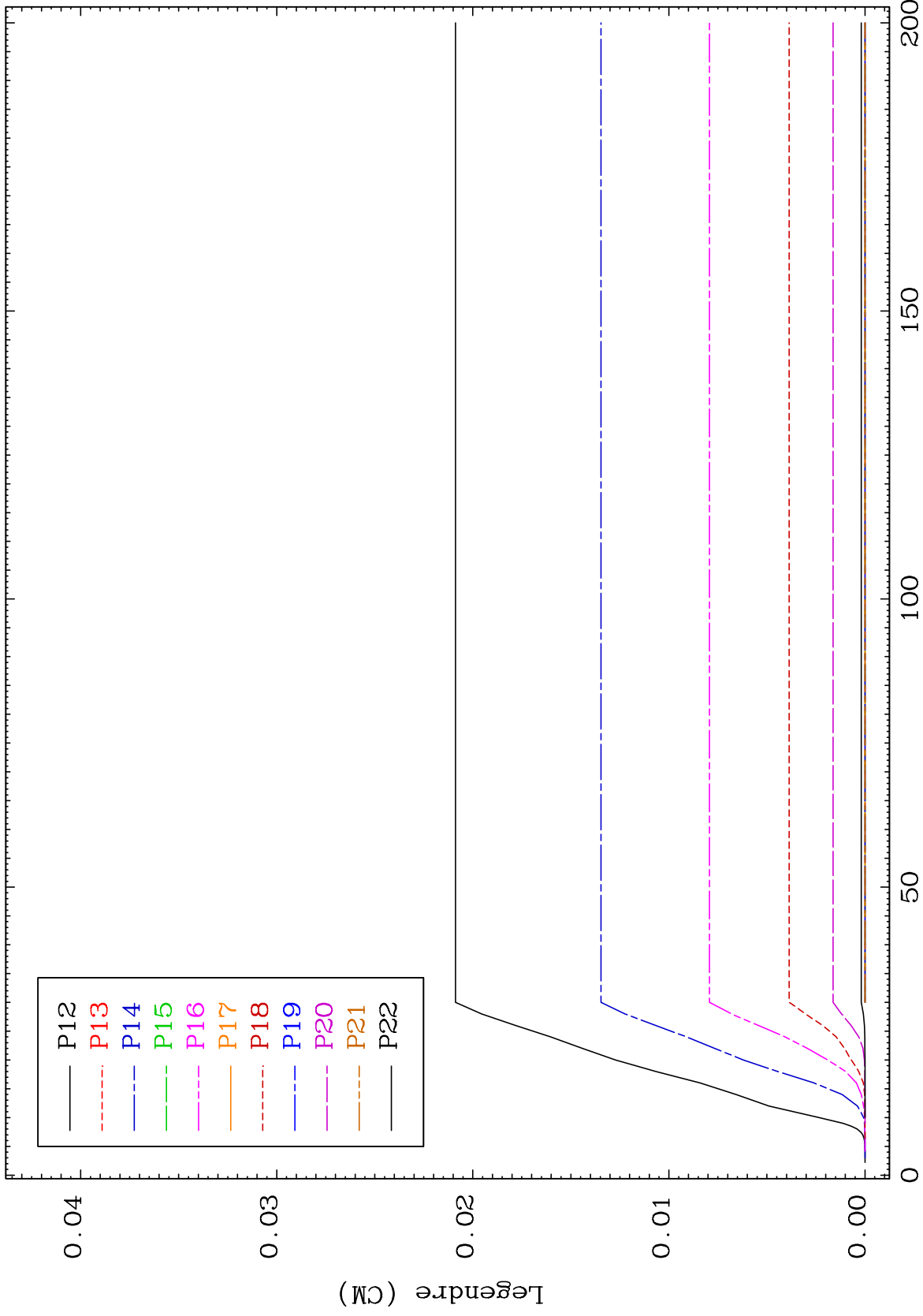
74-W -186



62

Incident Energy (MeV)

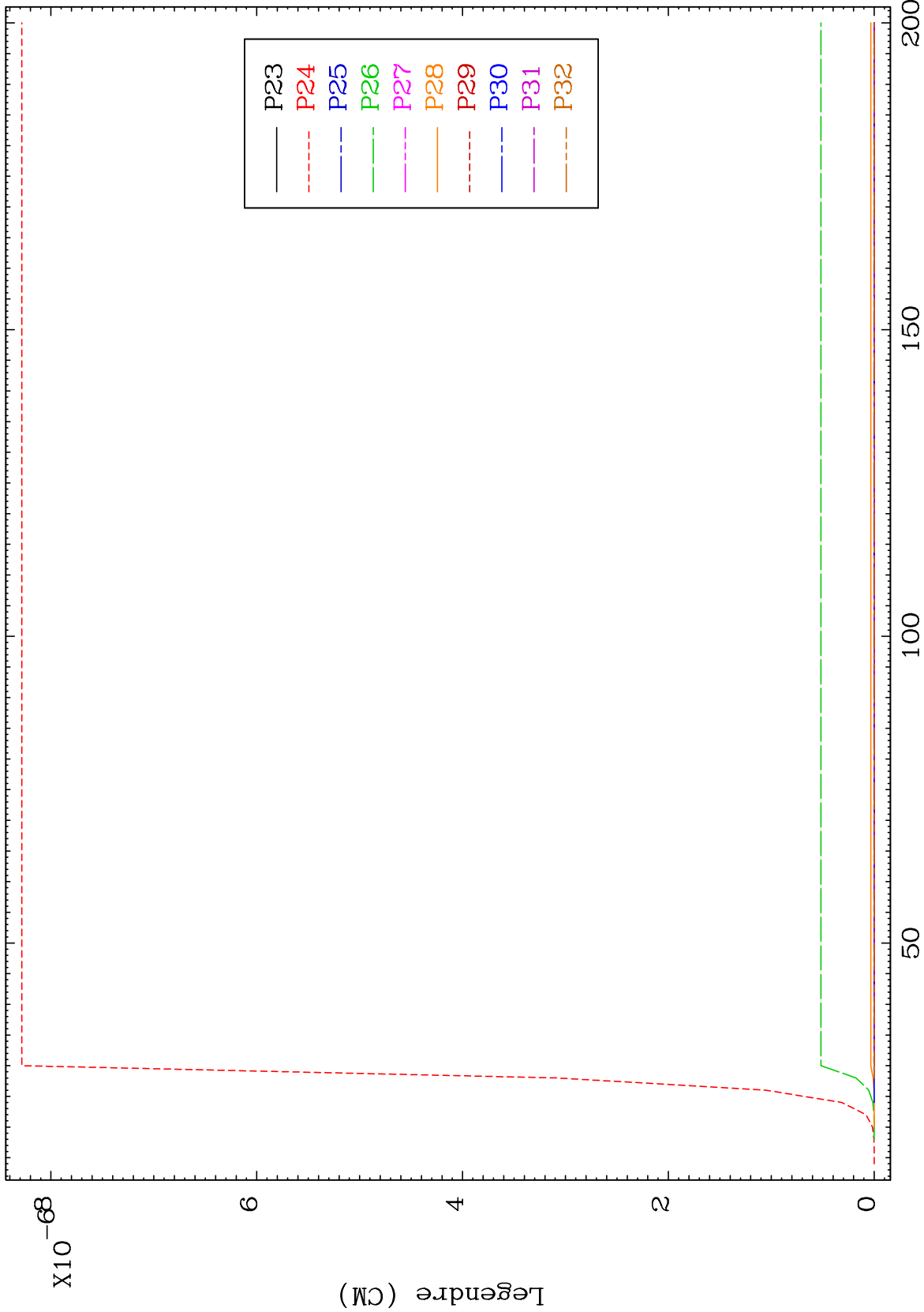
74-W -186



MAT 7443

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

74-W -186



64

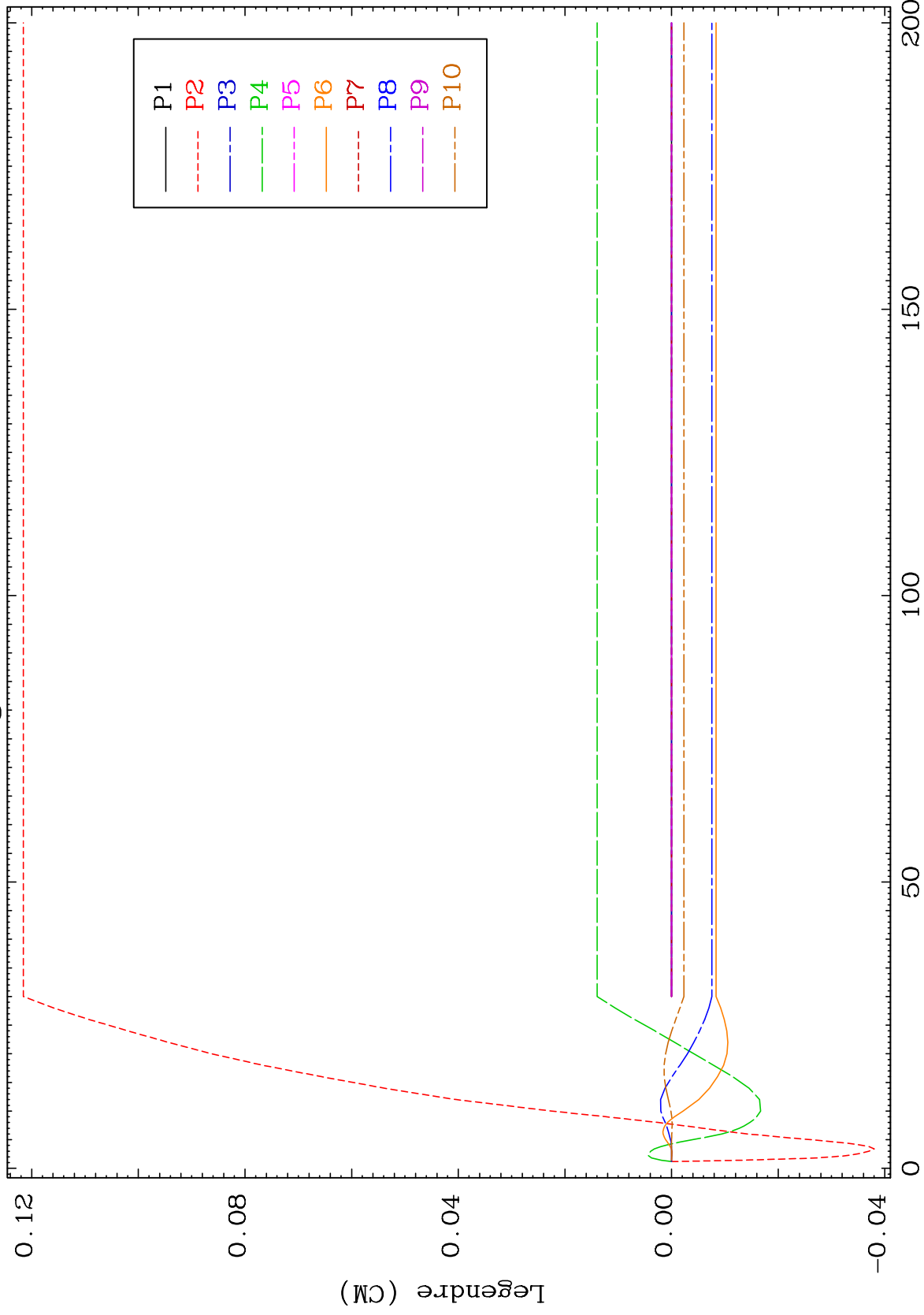
Incident Energy (MeV)

74-W -186

MAT 7443

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

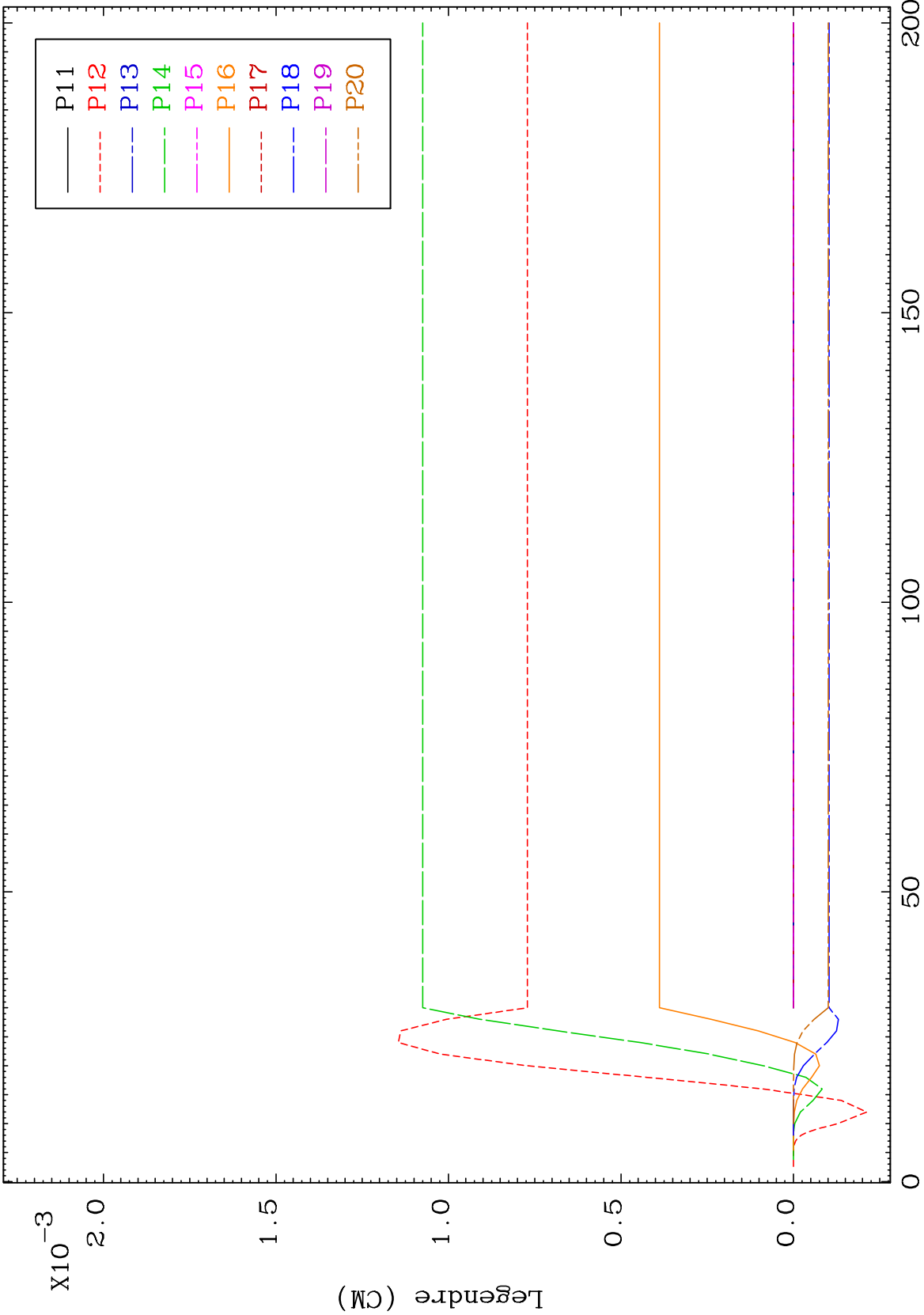
74-W -186



74-W -186

Incident Energy (MeV)

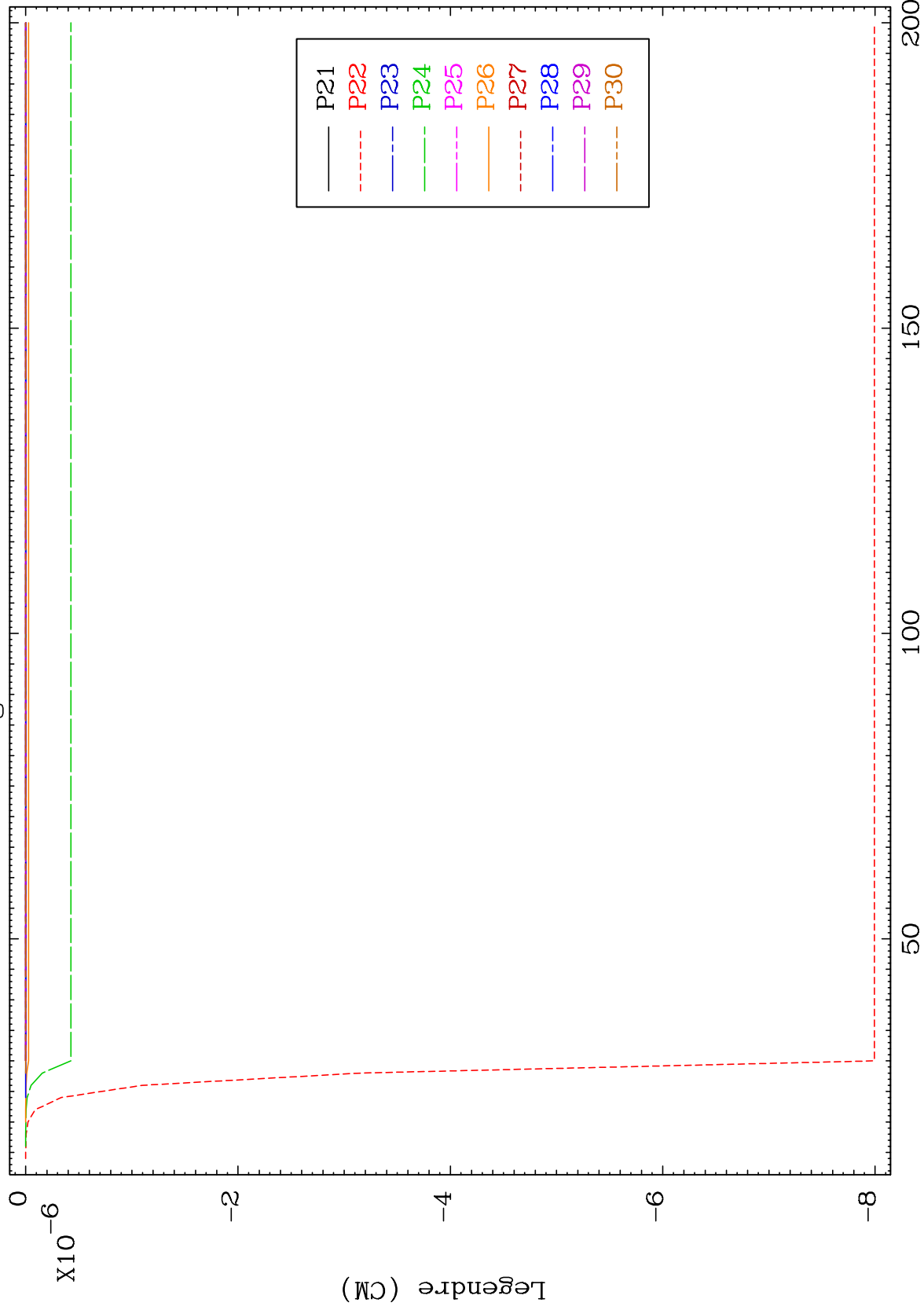
65



MAT 7443

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

74-W -186



67

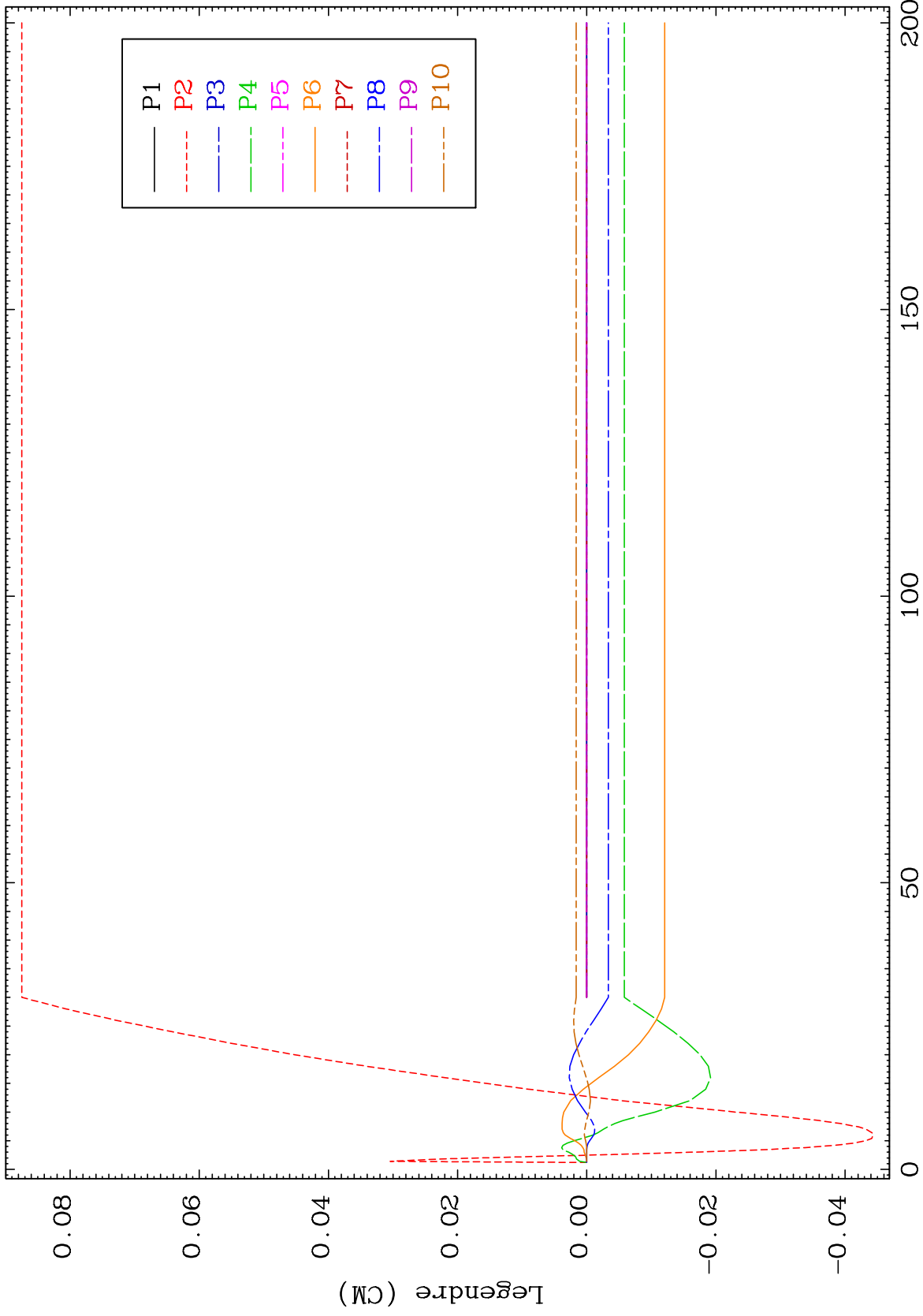
Incident Energy (MeV)

74-W -186

MAT 7443

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

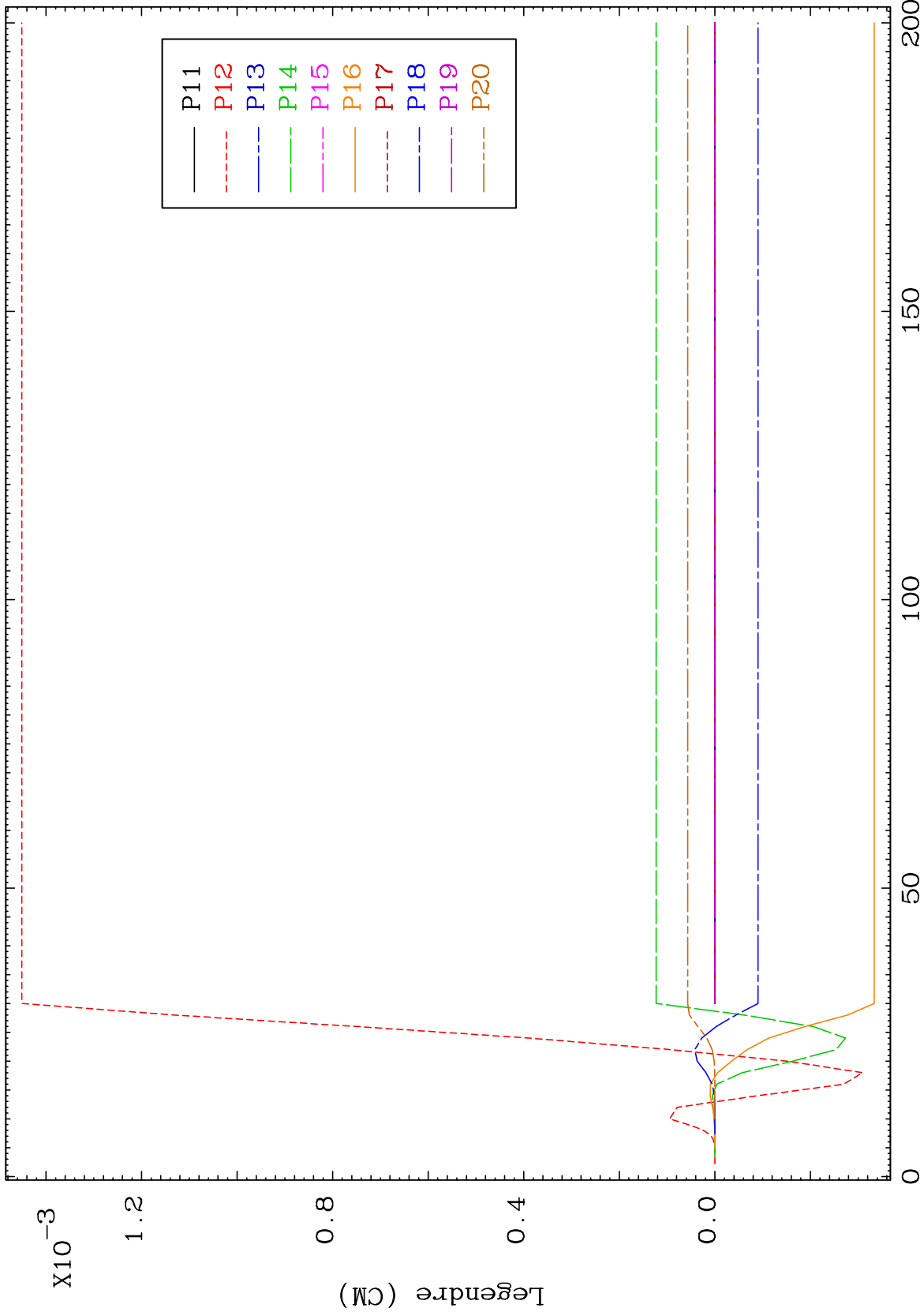
74-W -186



68

Incident Energy (MeV)

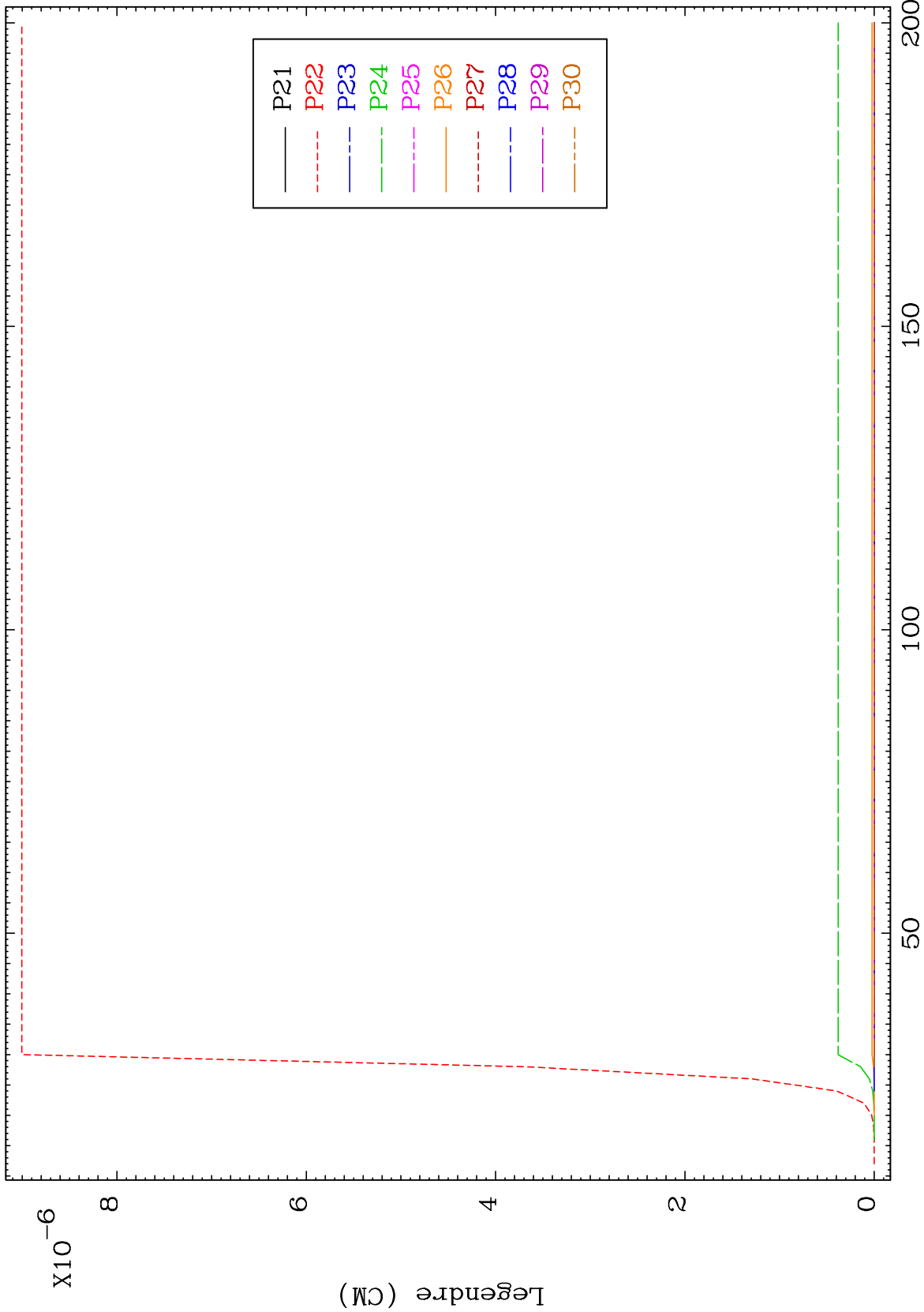
74-W -186



MAT 7443

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

74-W -186



70

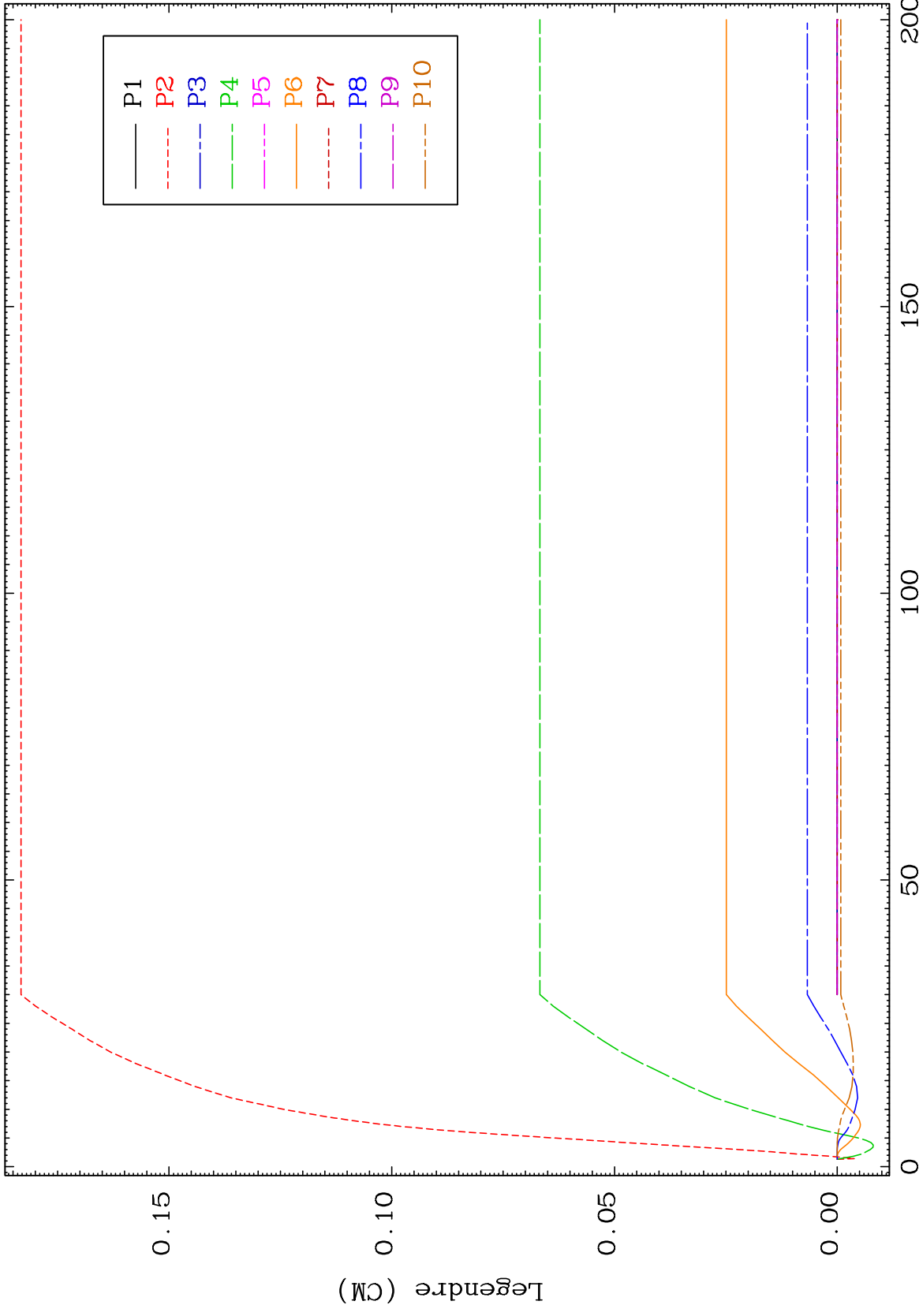
Incident Energy (MeV)

74-W -186

MAT 7443

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

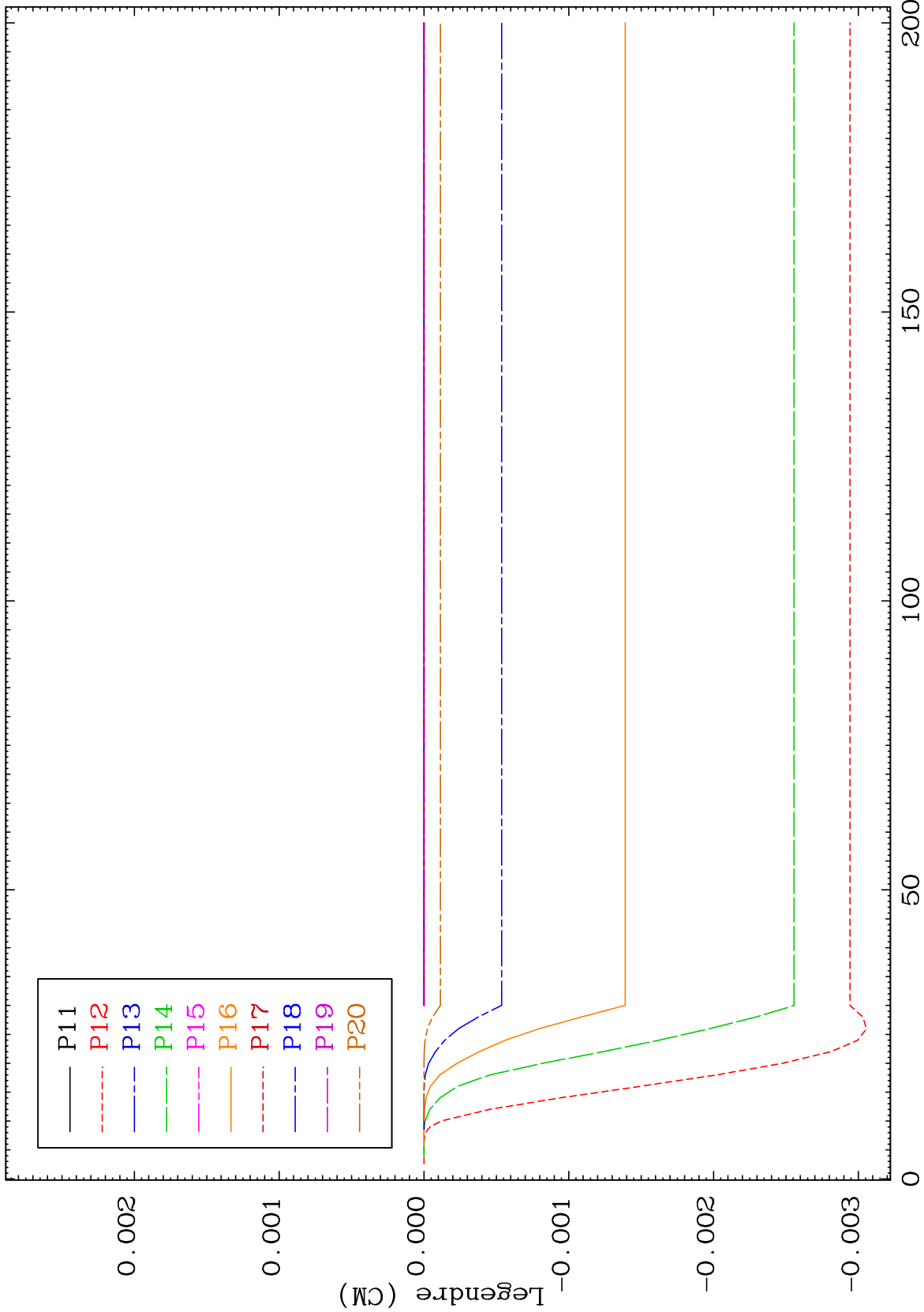
74-W -186



71

Incident Energy (MeV)

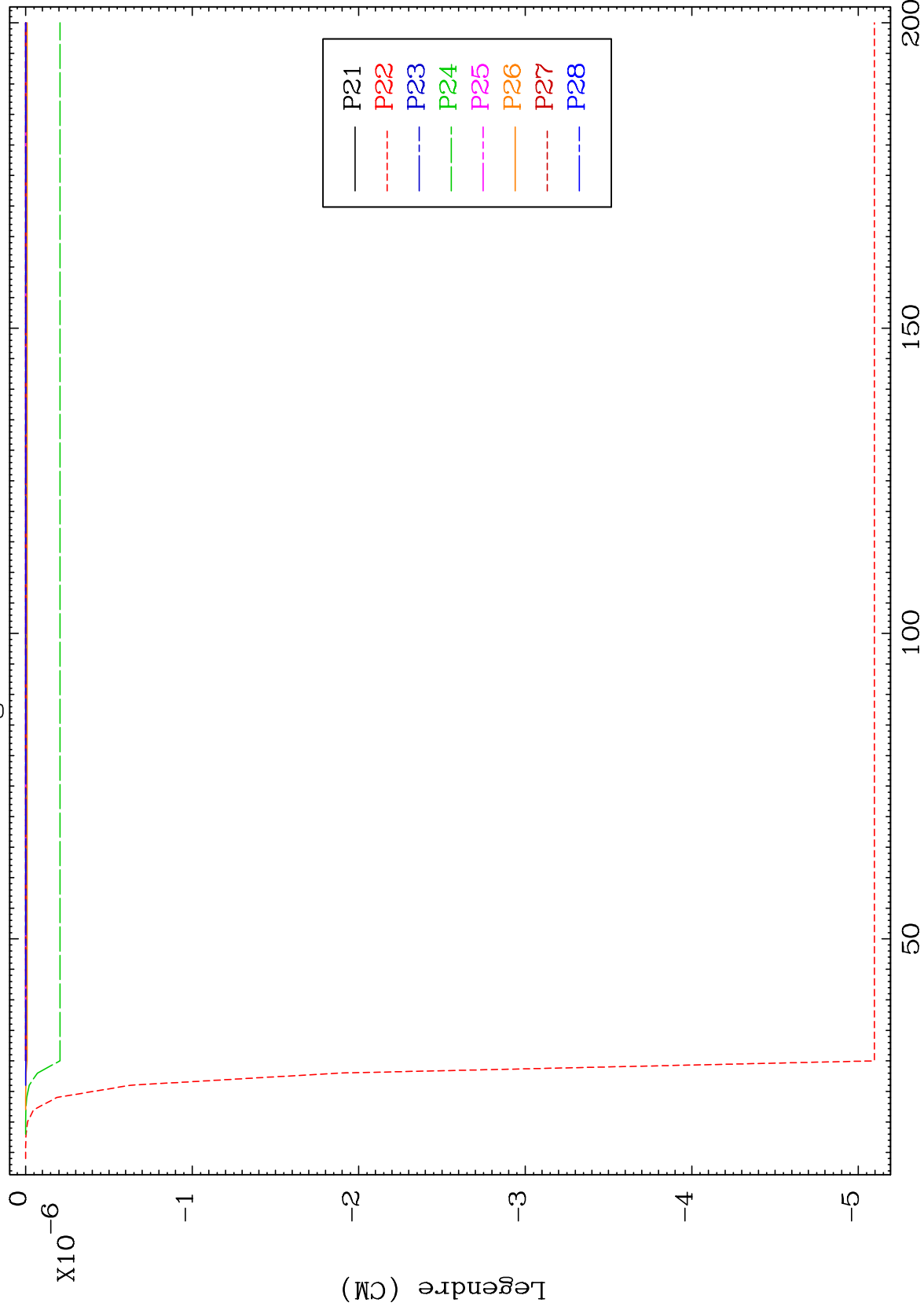
74-W -186



MAT 7443

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

74-W -186



73

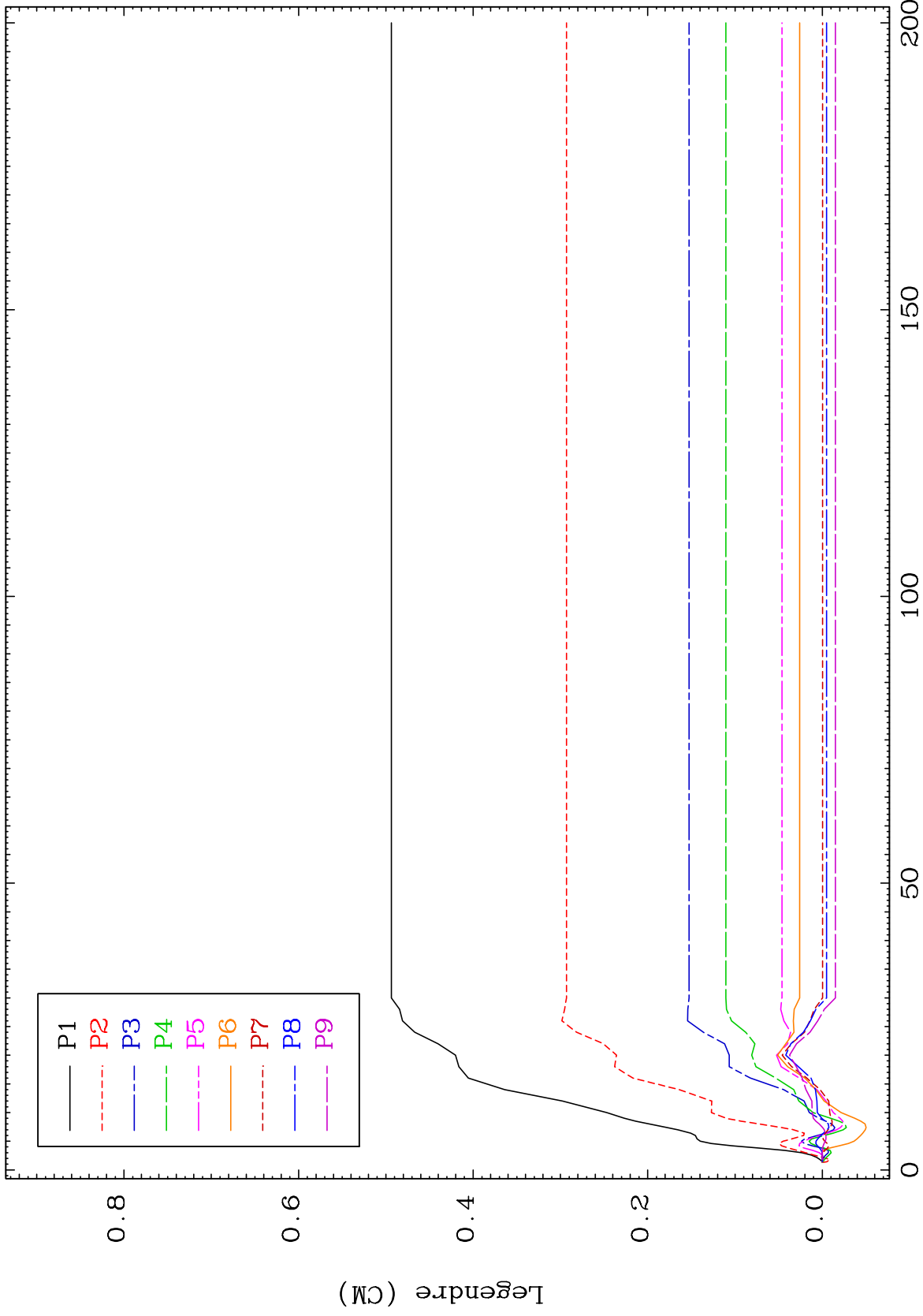
Incident Energy (MeV)

74-W -186

MAT 7443

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

74-W -186



74

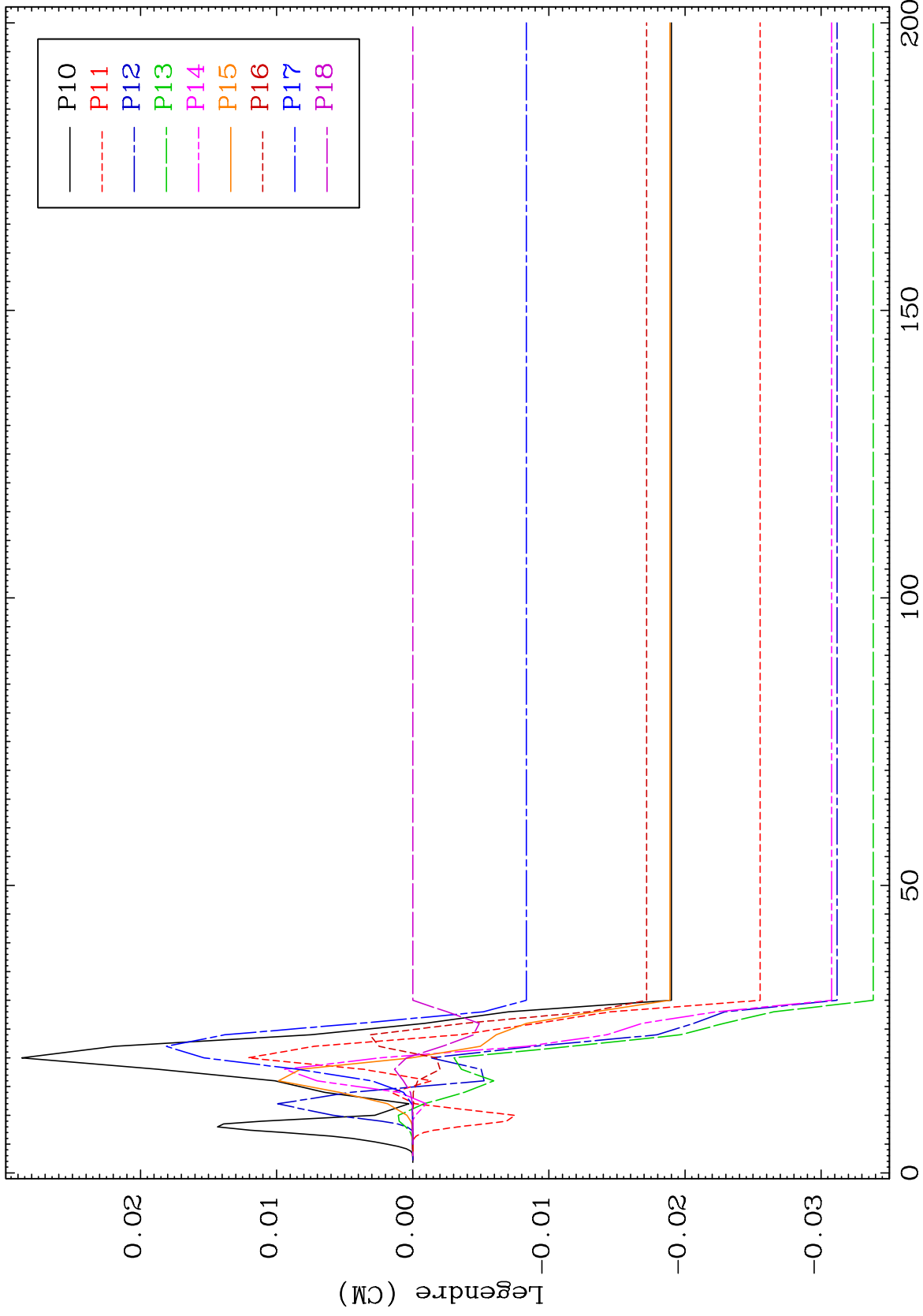
Incident Energy (MeV)

74-W -186

MAT 7443

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

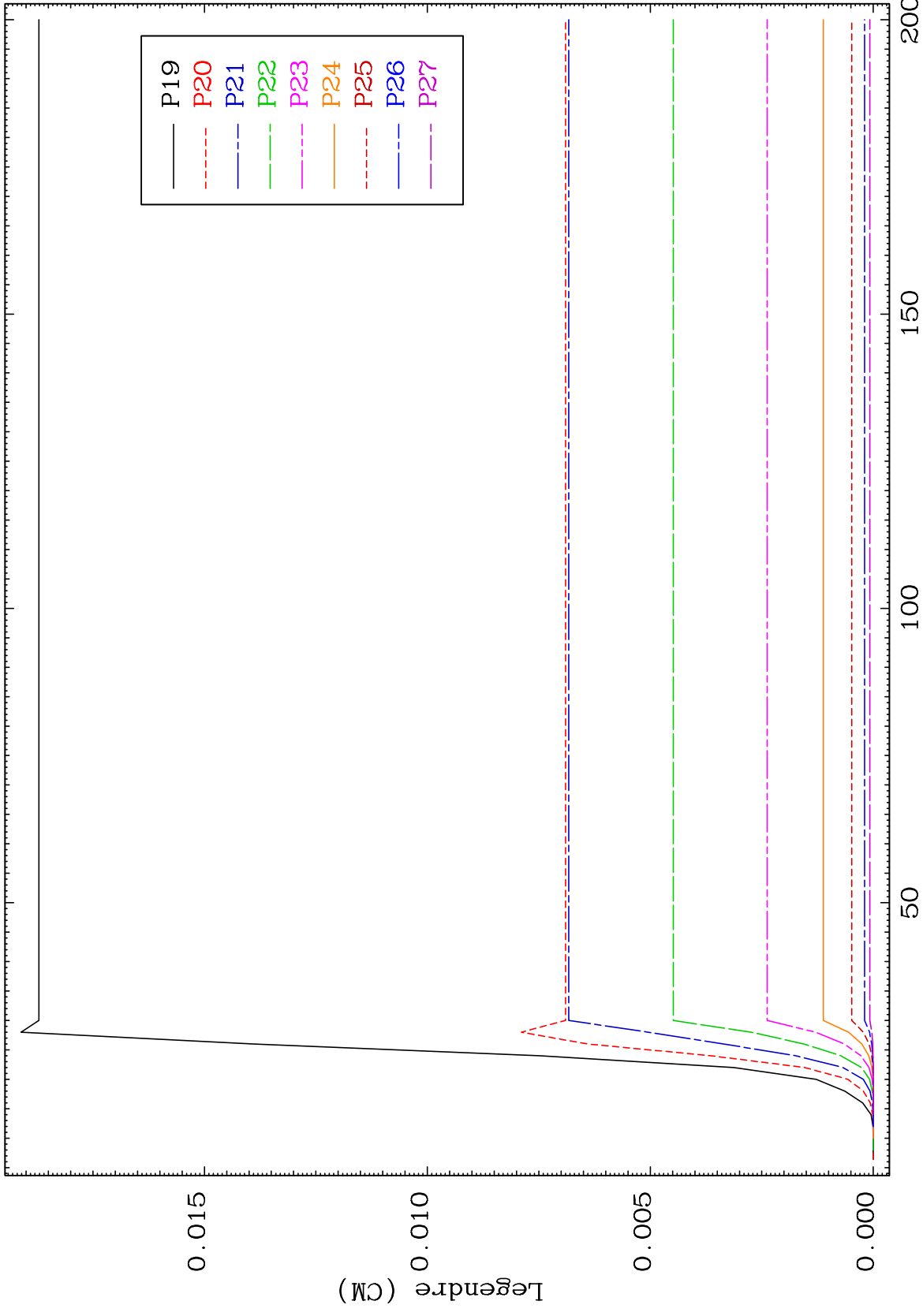
74-W -186

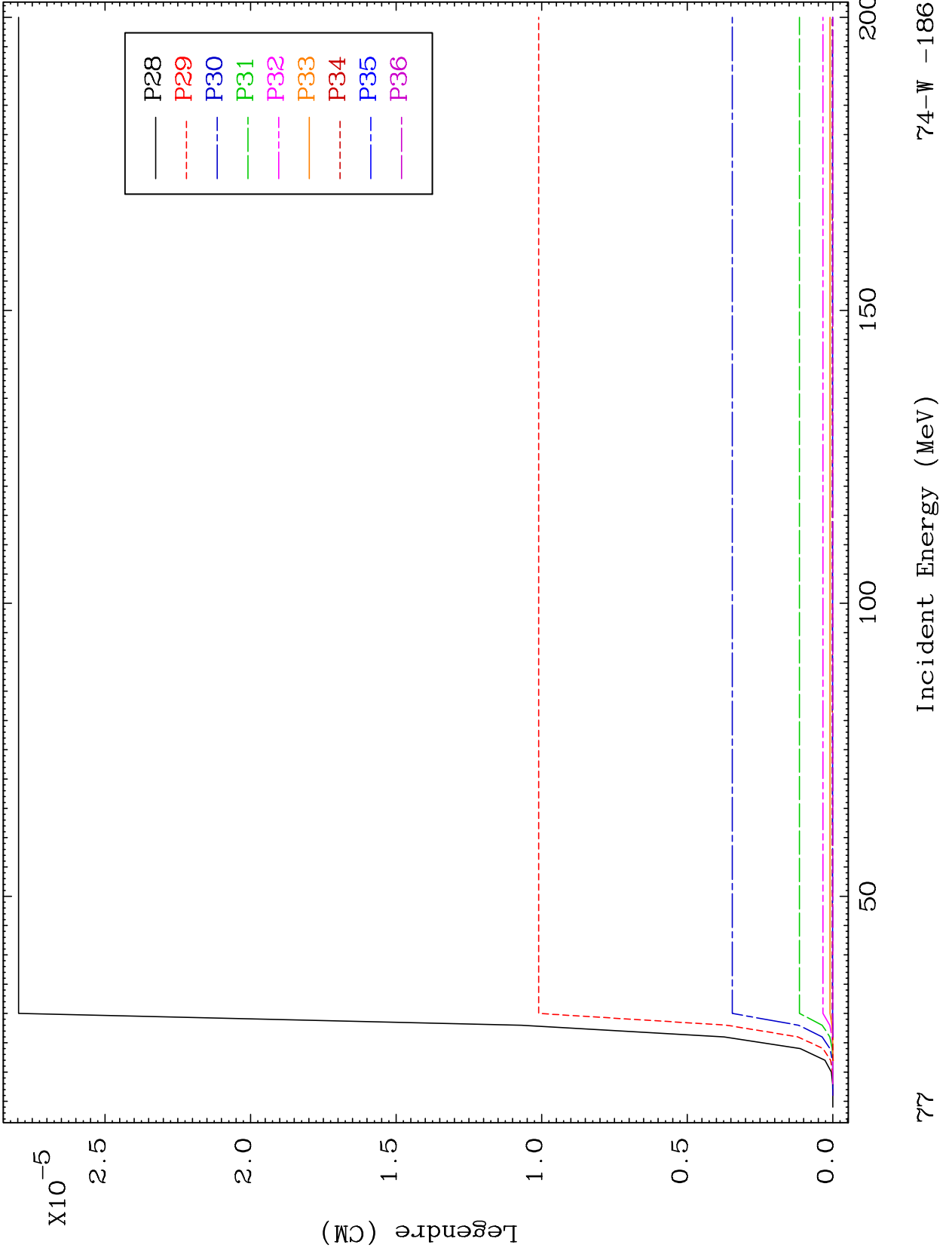


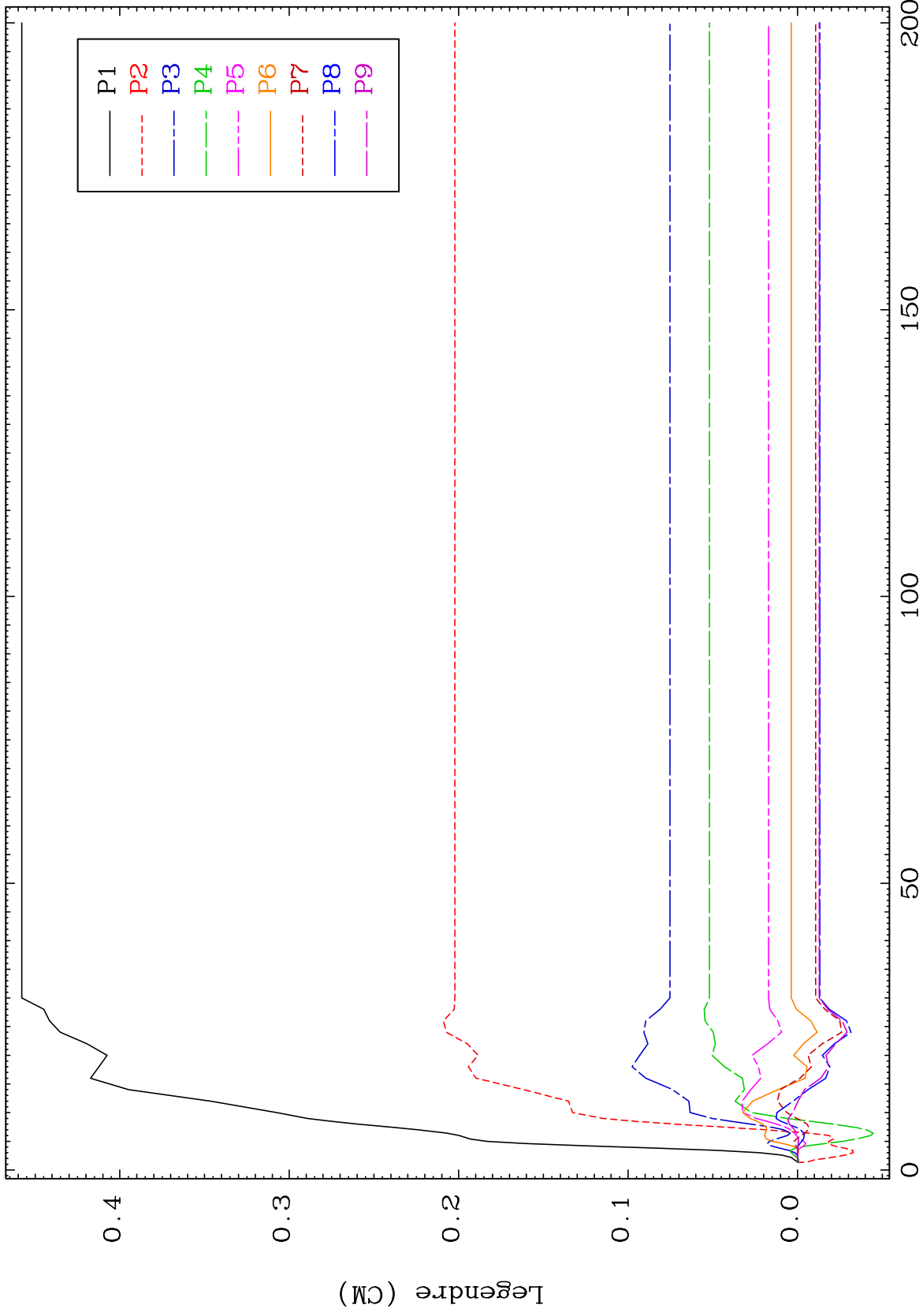
75

Incident Energy (MeV)

74-W -186



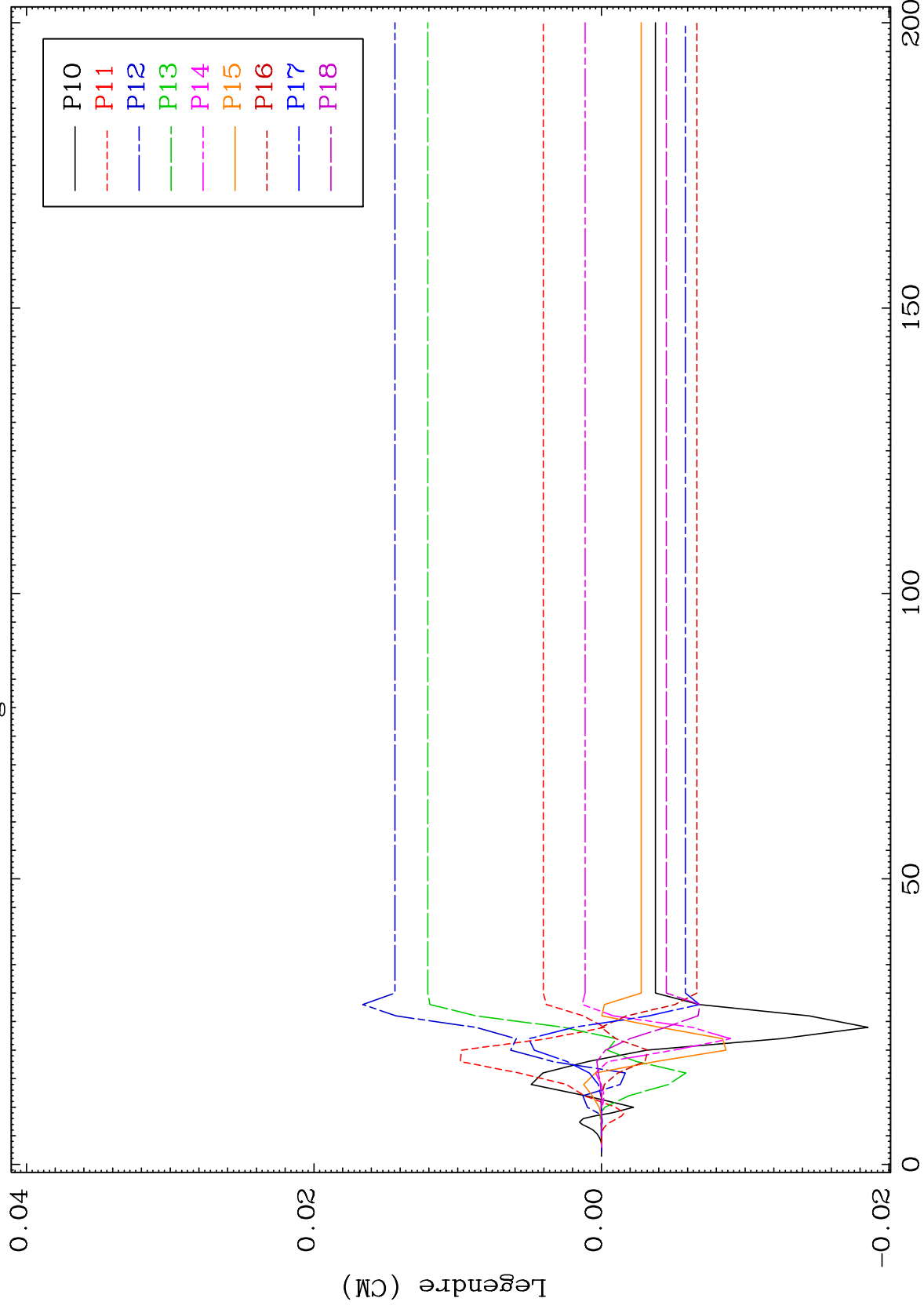




MAT 7443

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

74-W -186



79

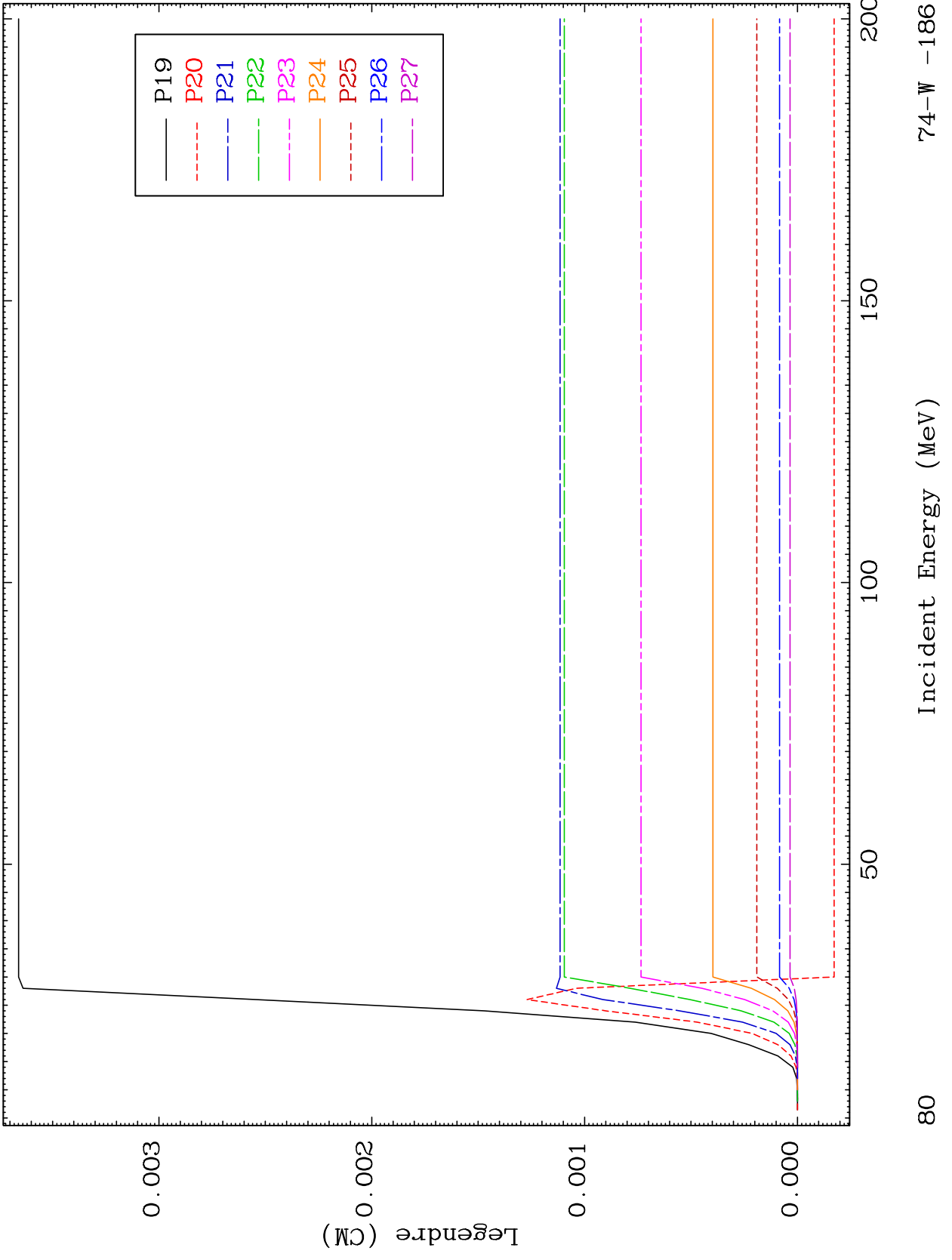
Incident Energy (MeV)

74-W -186

MAT 7443

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

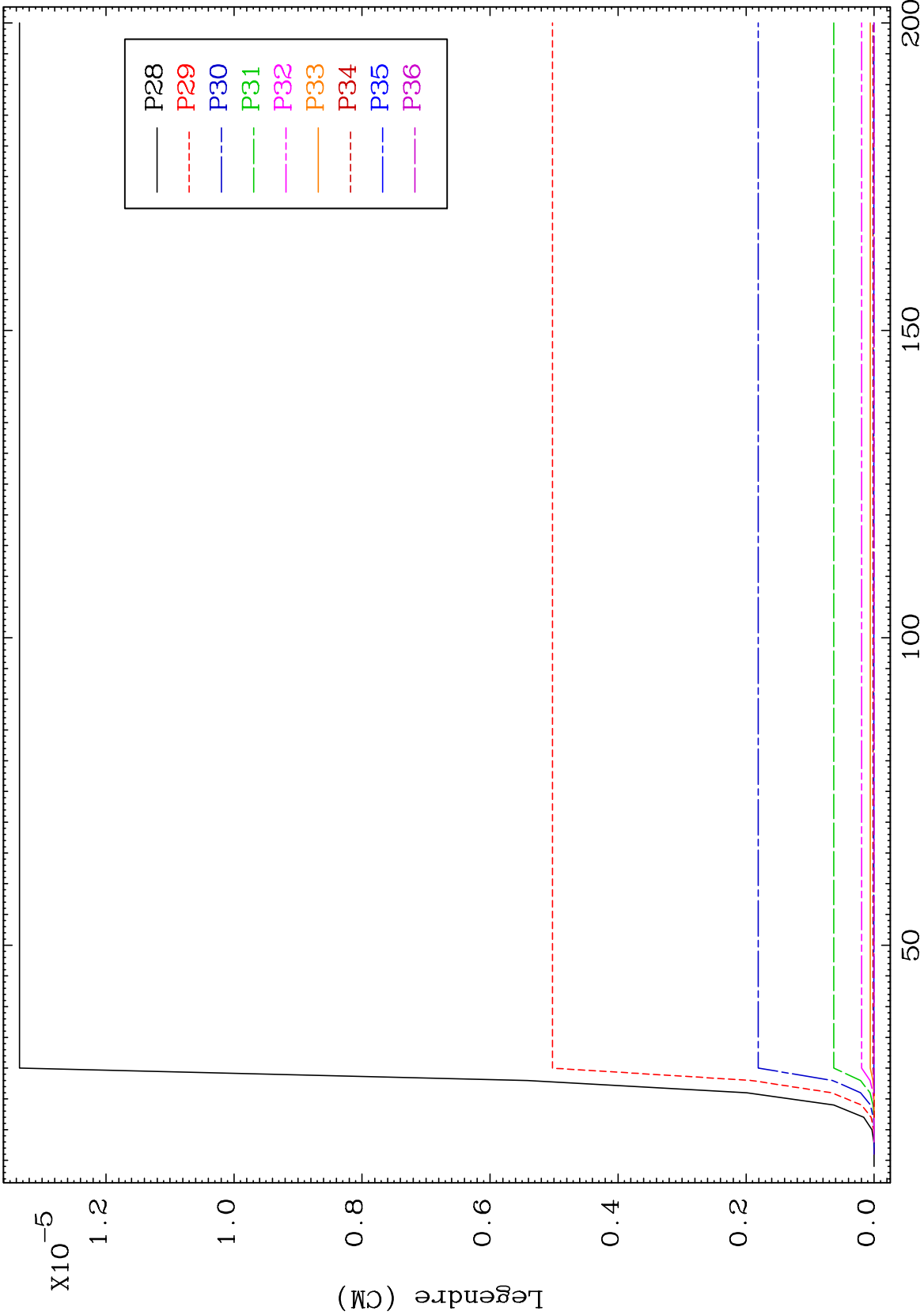
74-W -186

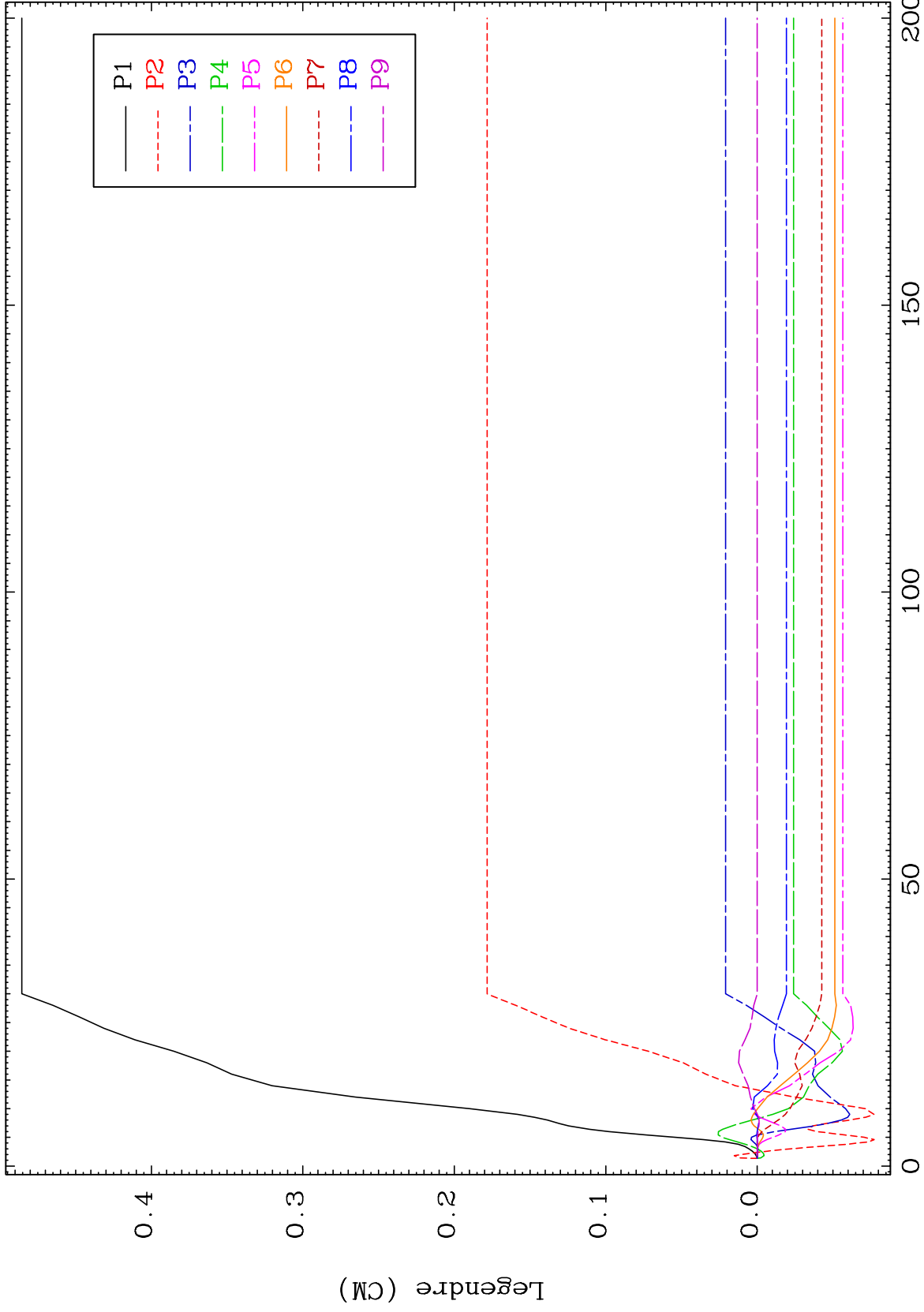


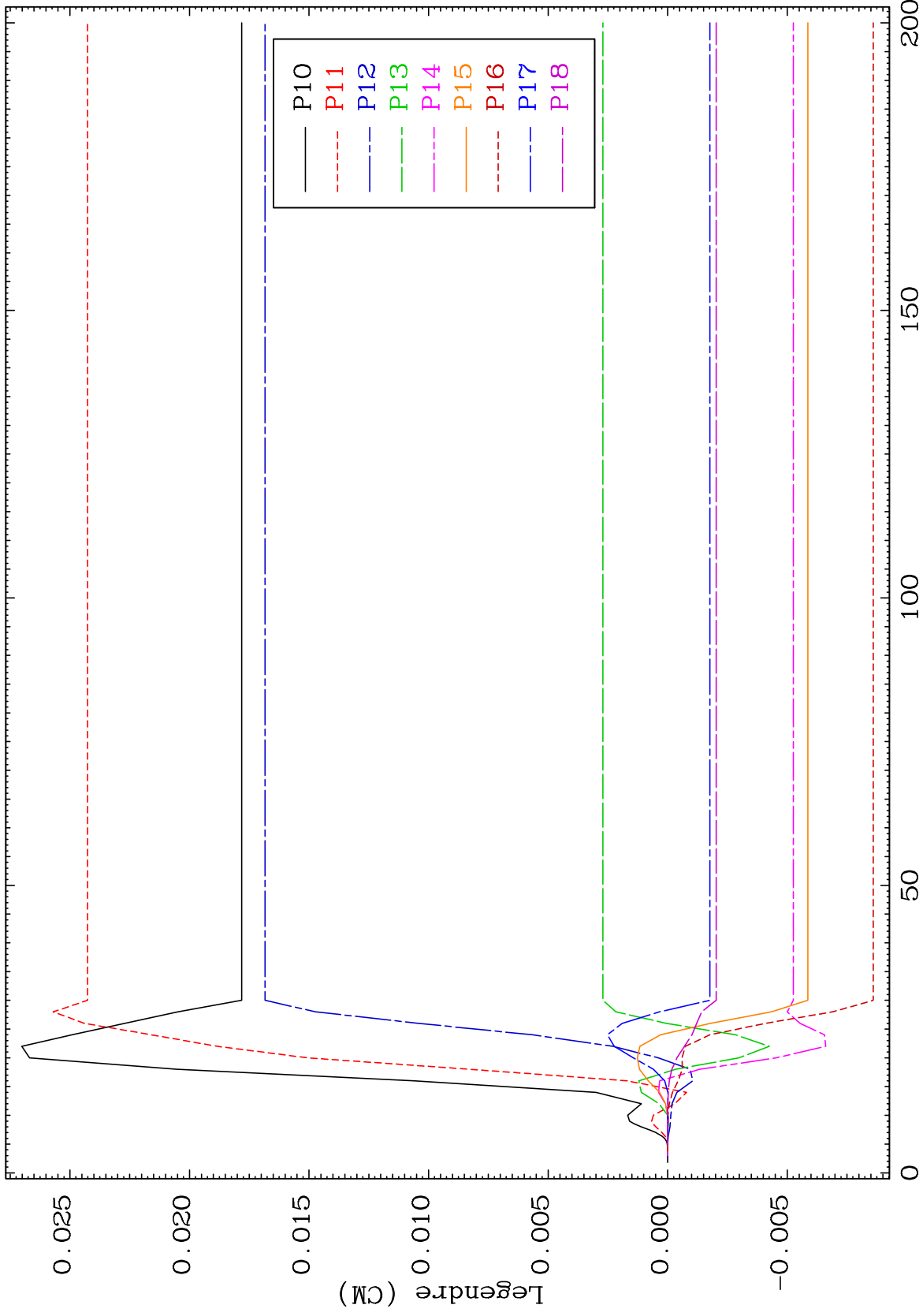
80

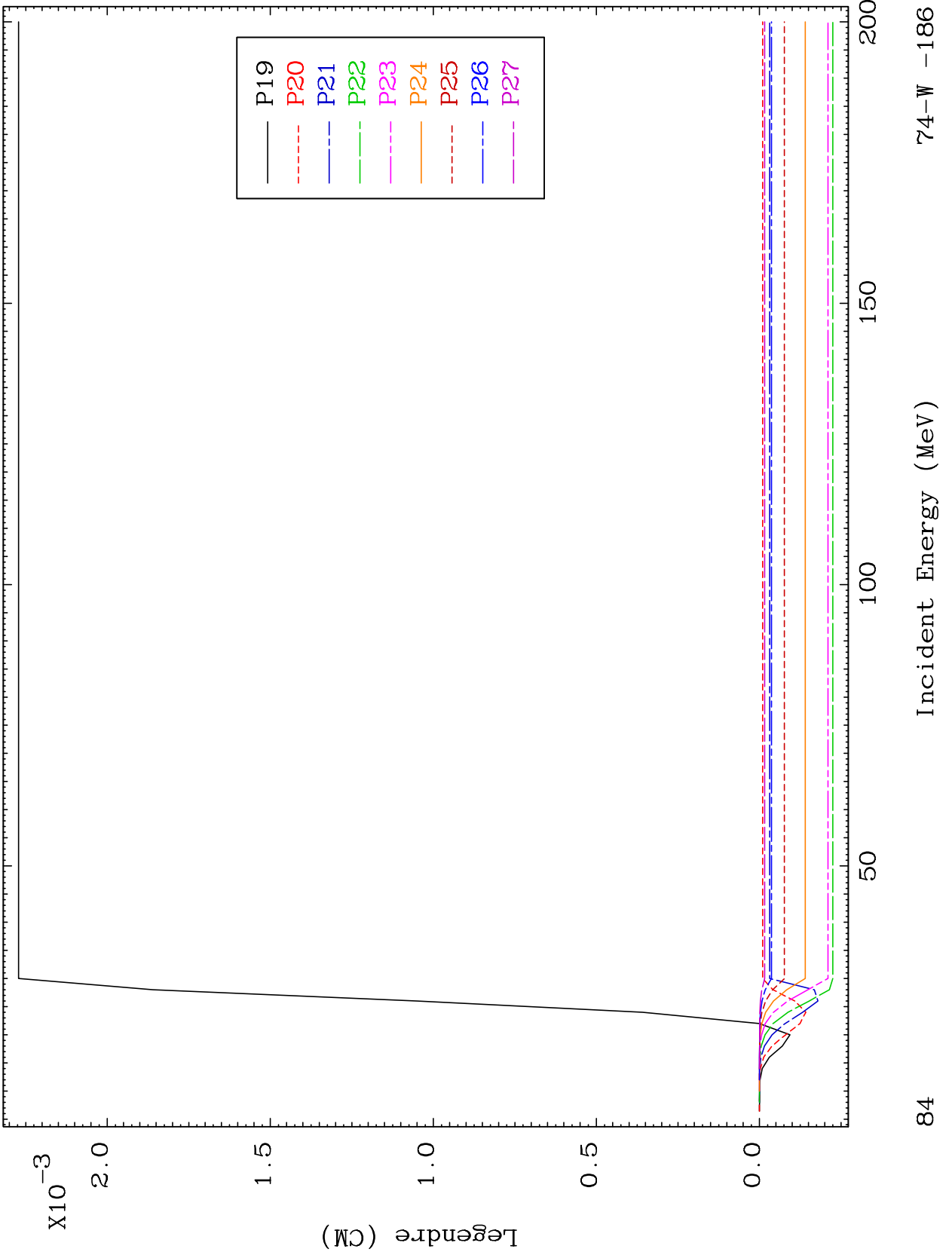
Incident Energy (MeV)

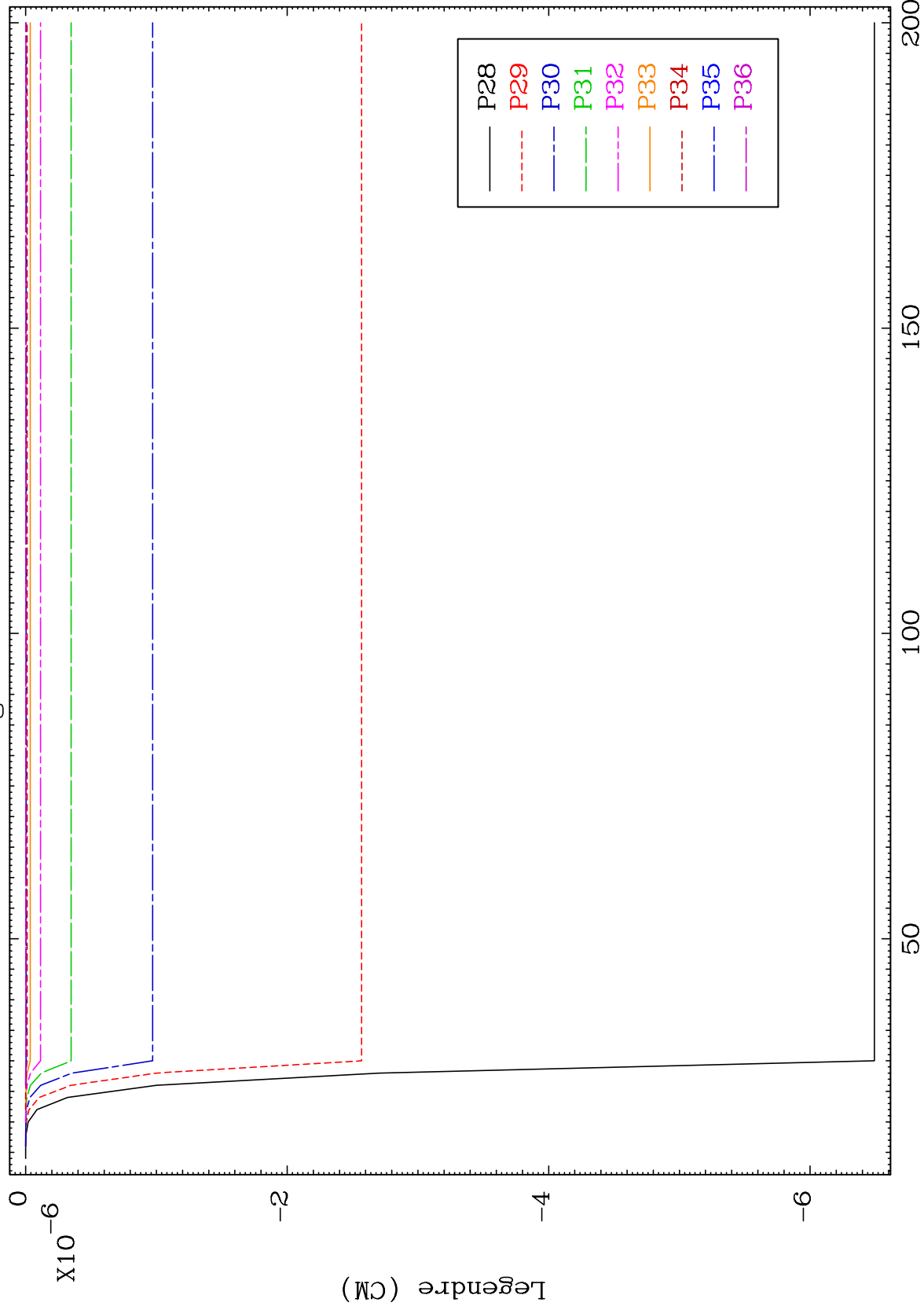
74-W -186

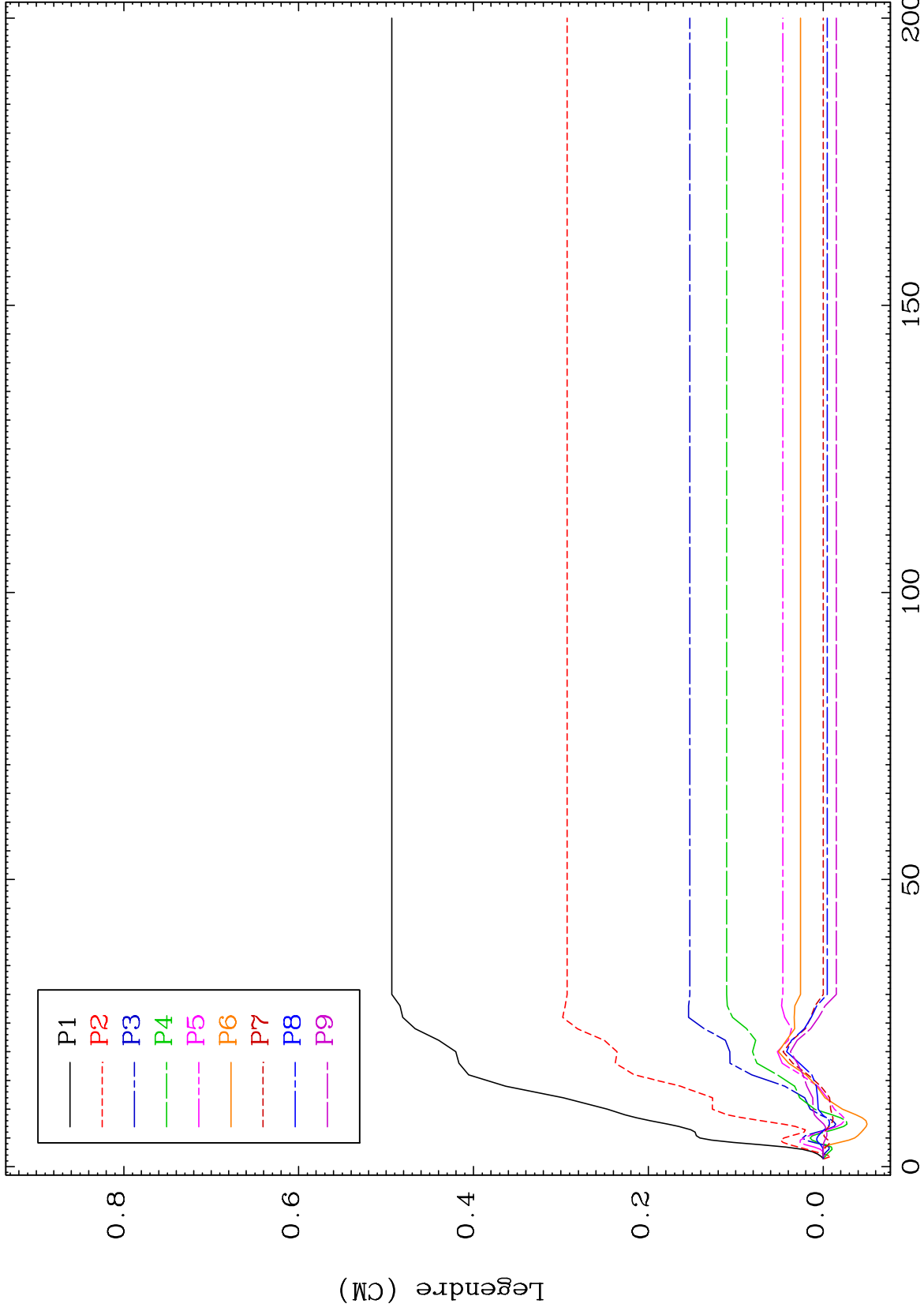


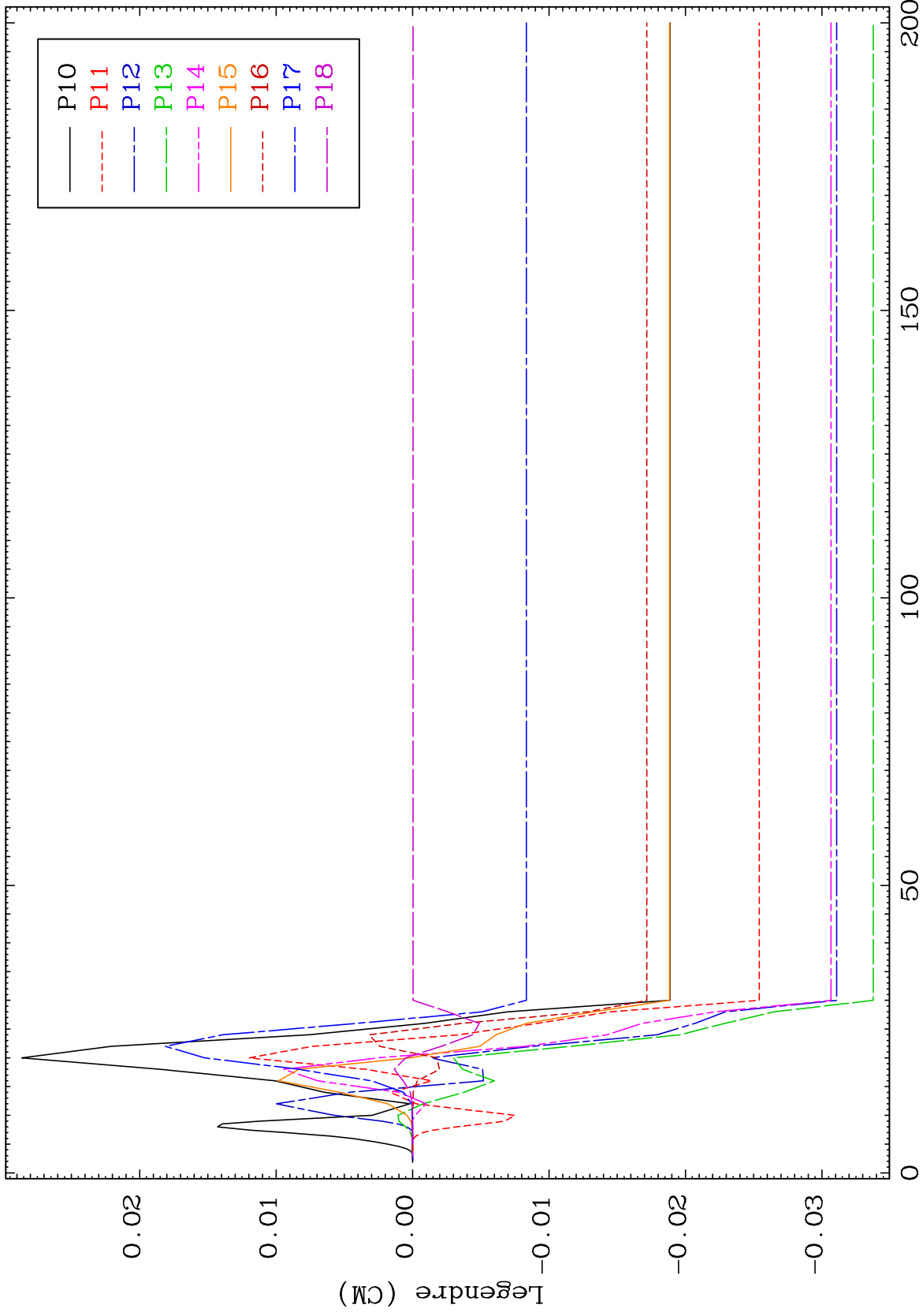


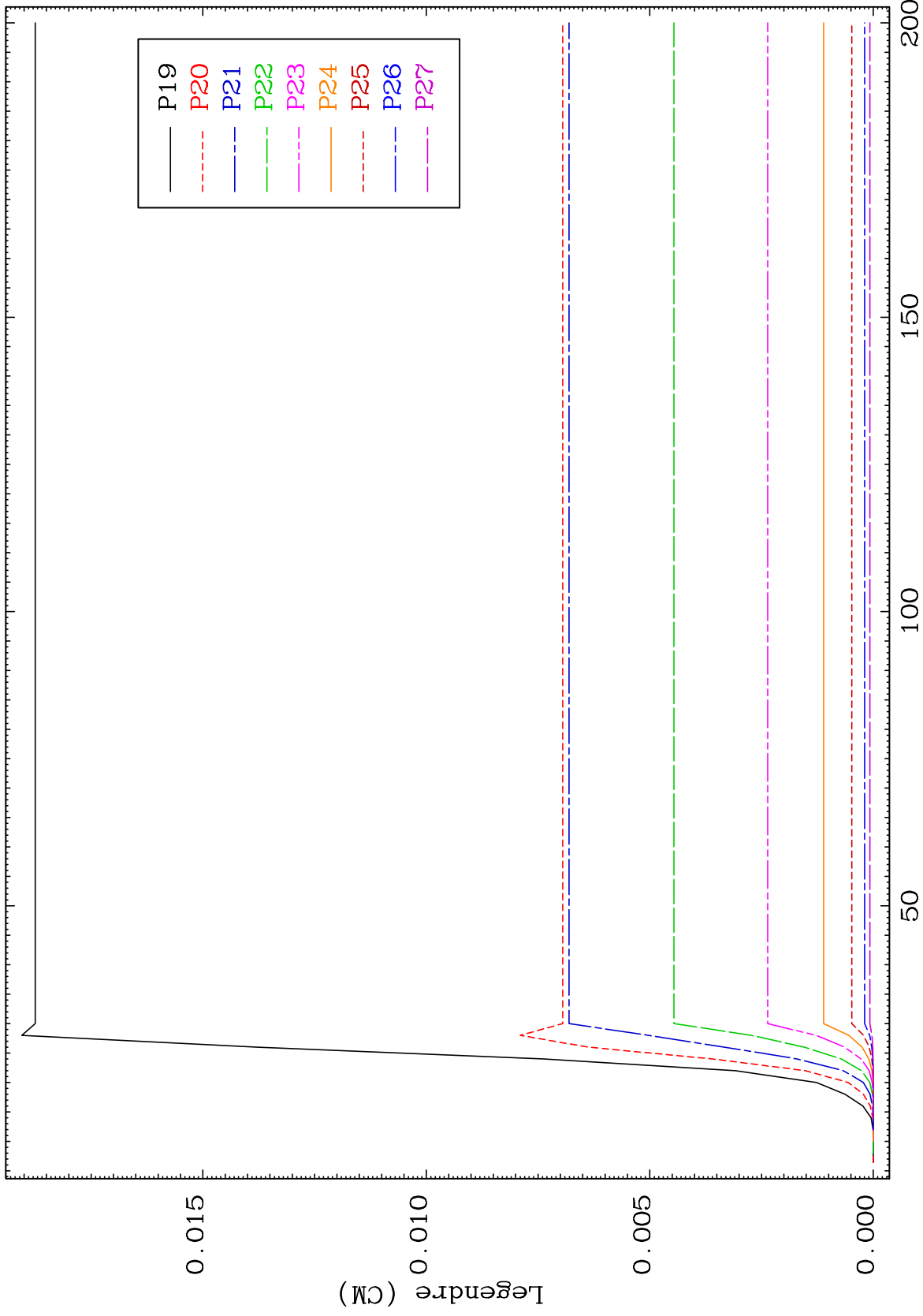


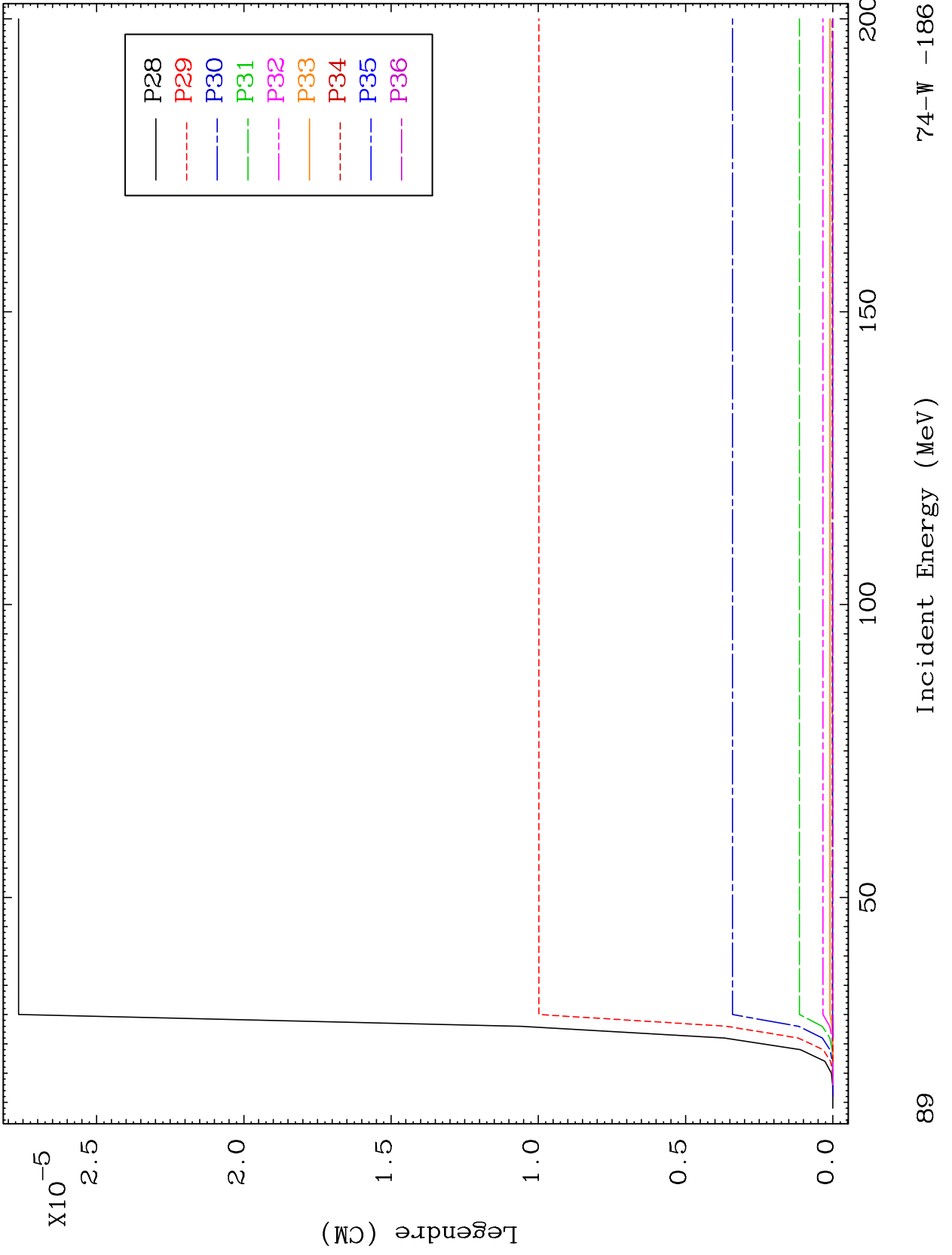








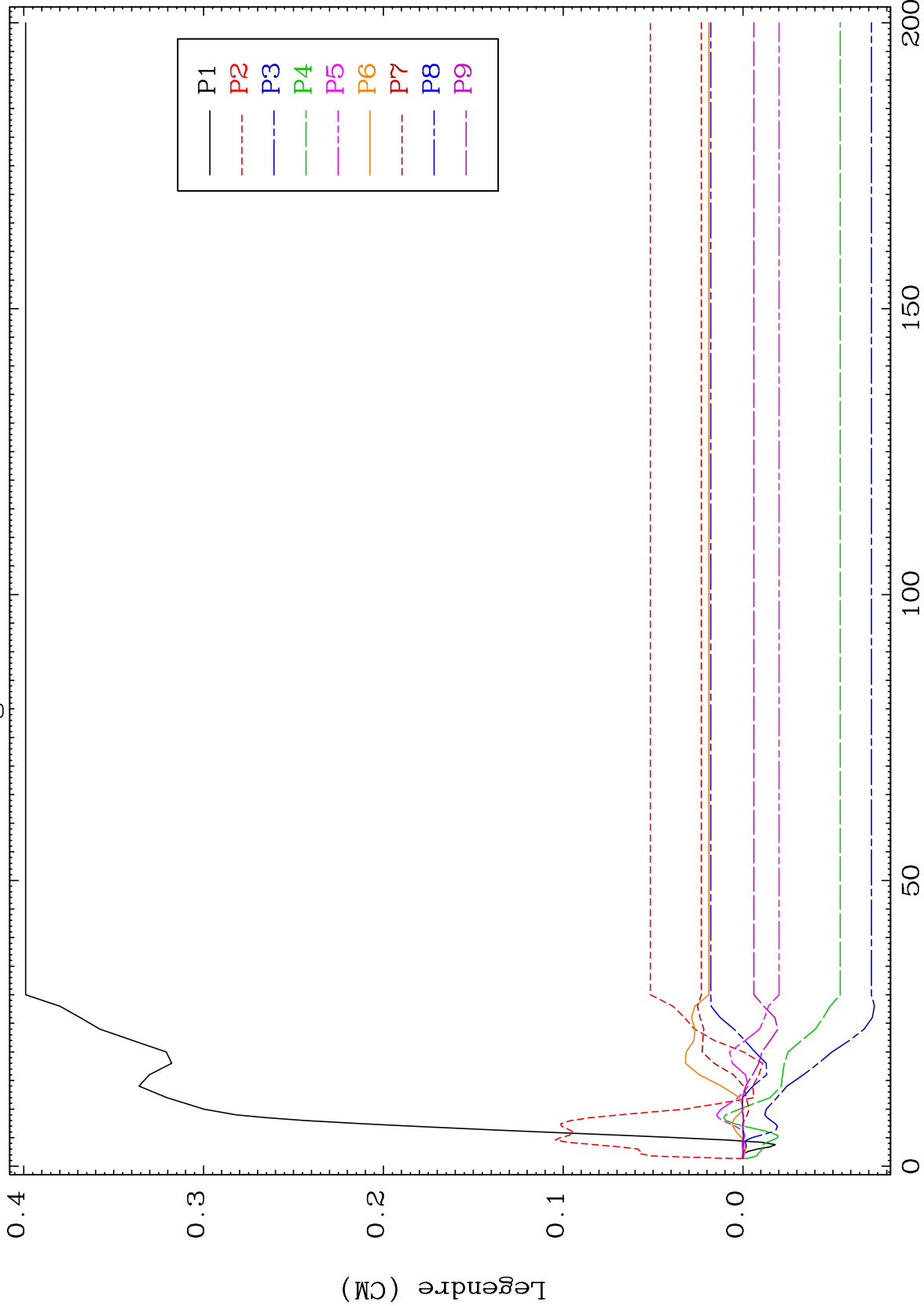




MAT 7443

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

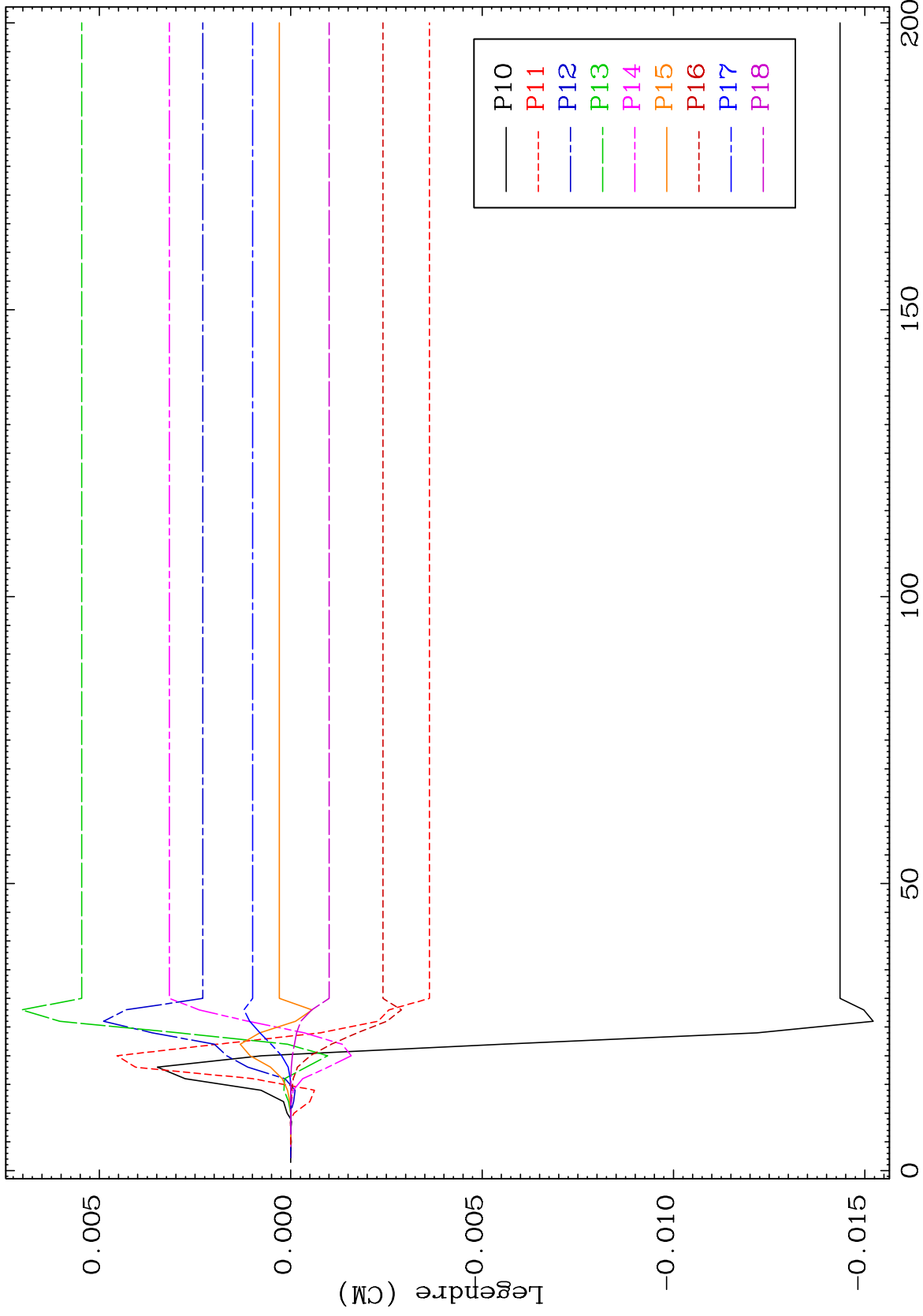
74-W -186



90

Incident Energy (MeV)

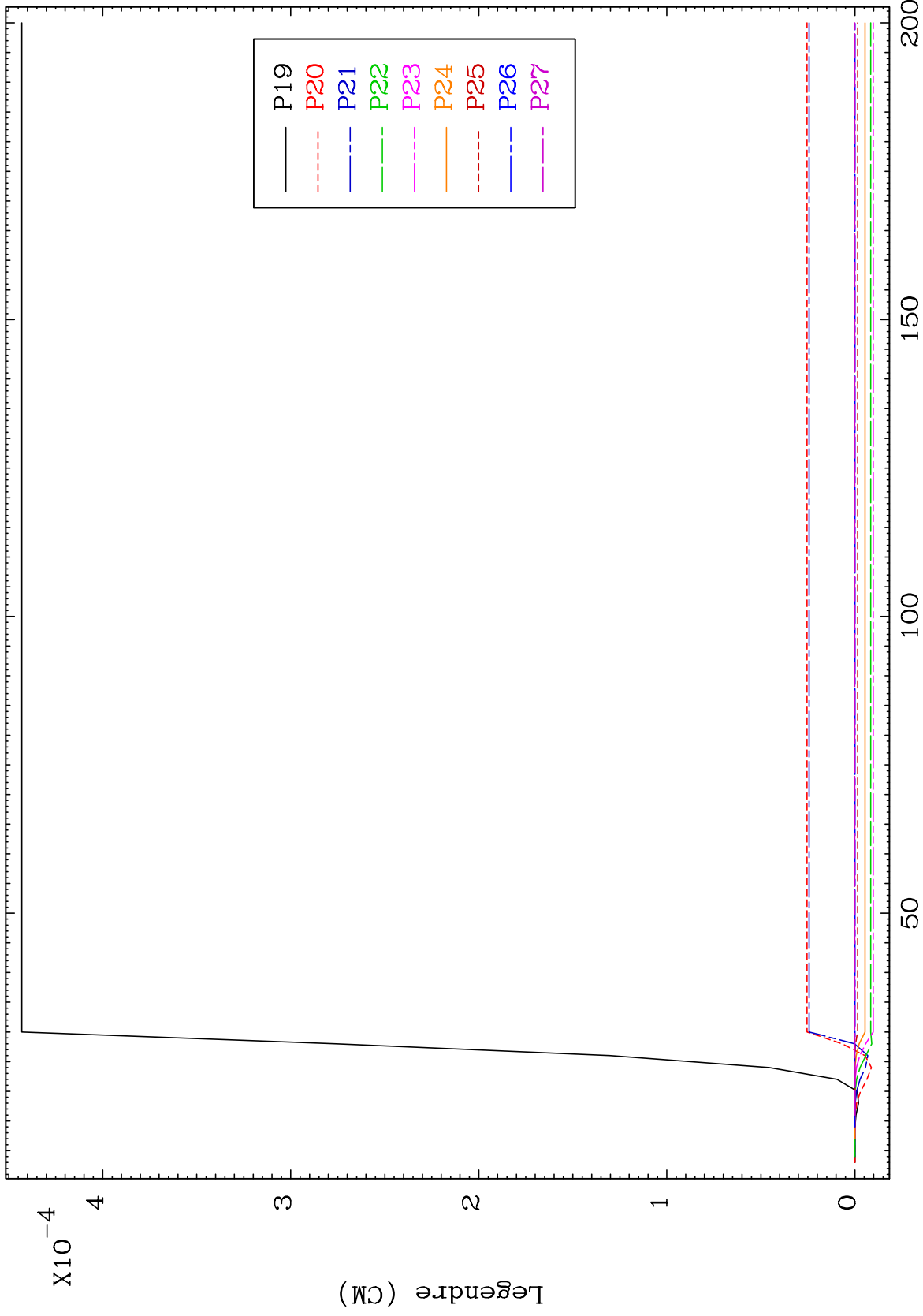
74-W -186



MAT 7443

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

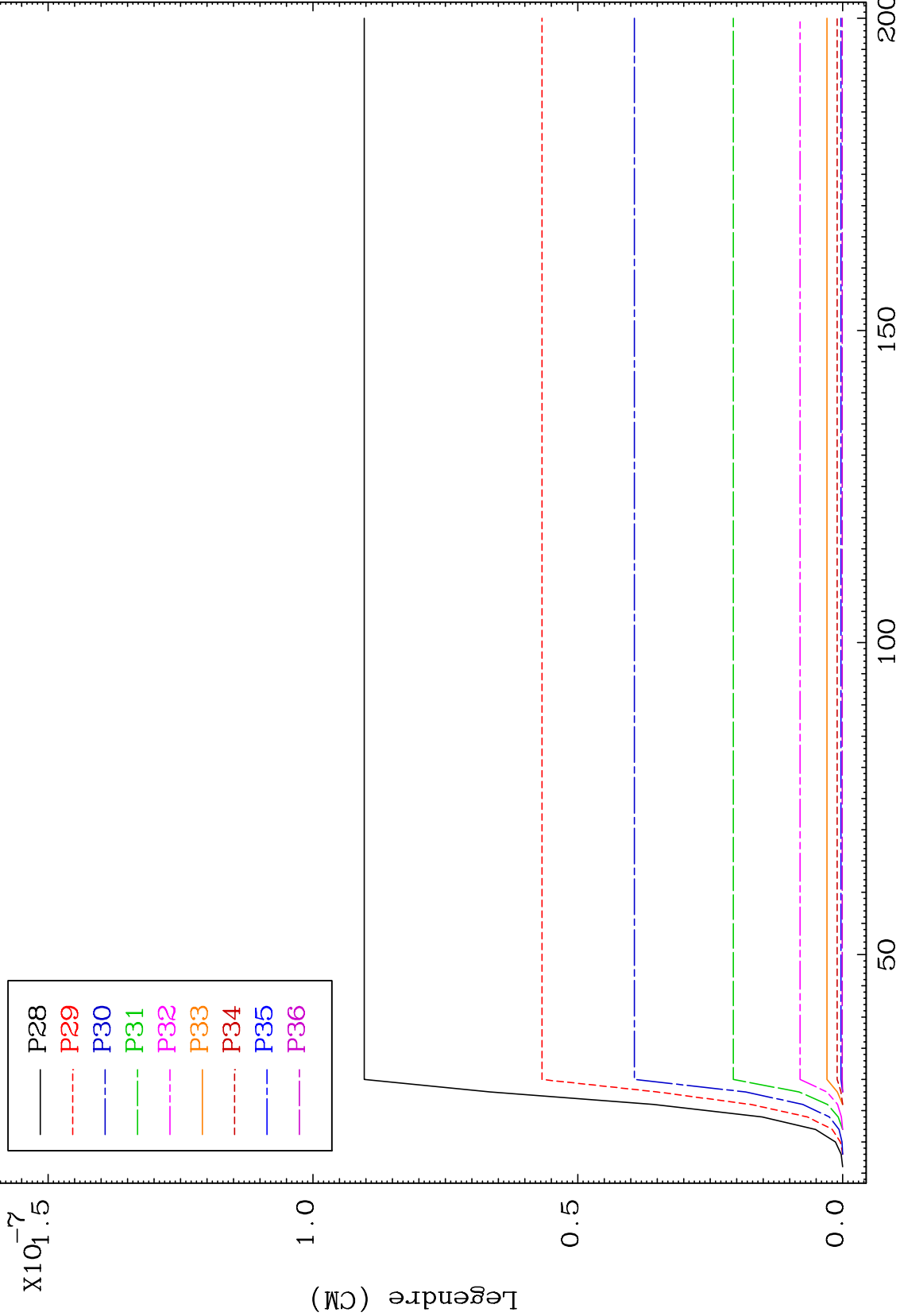
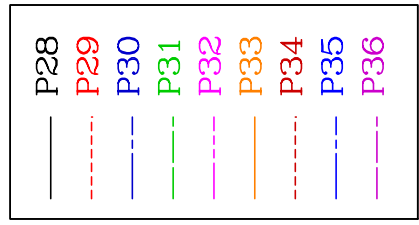
74-W -186

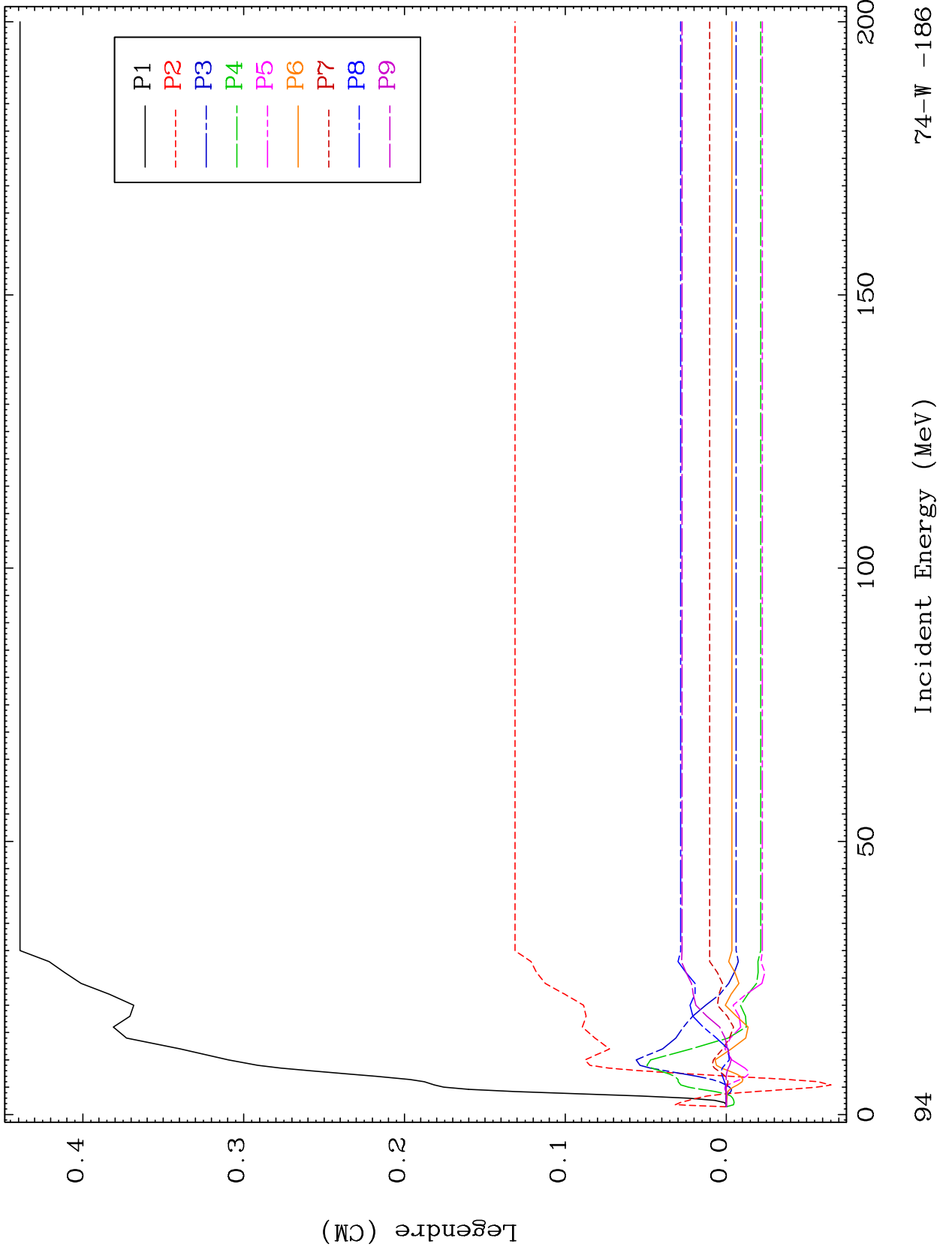


92

Incident Energy (MeV)

74-W -186

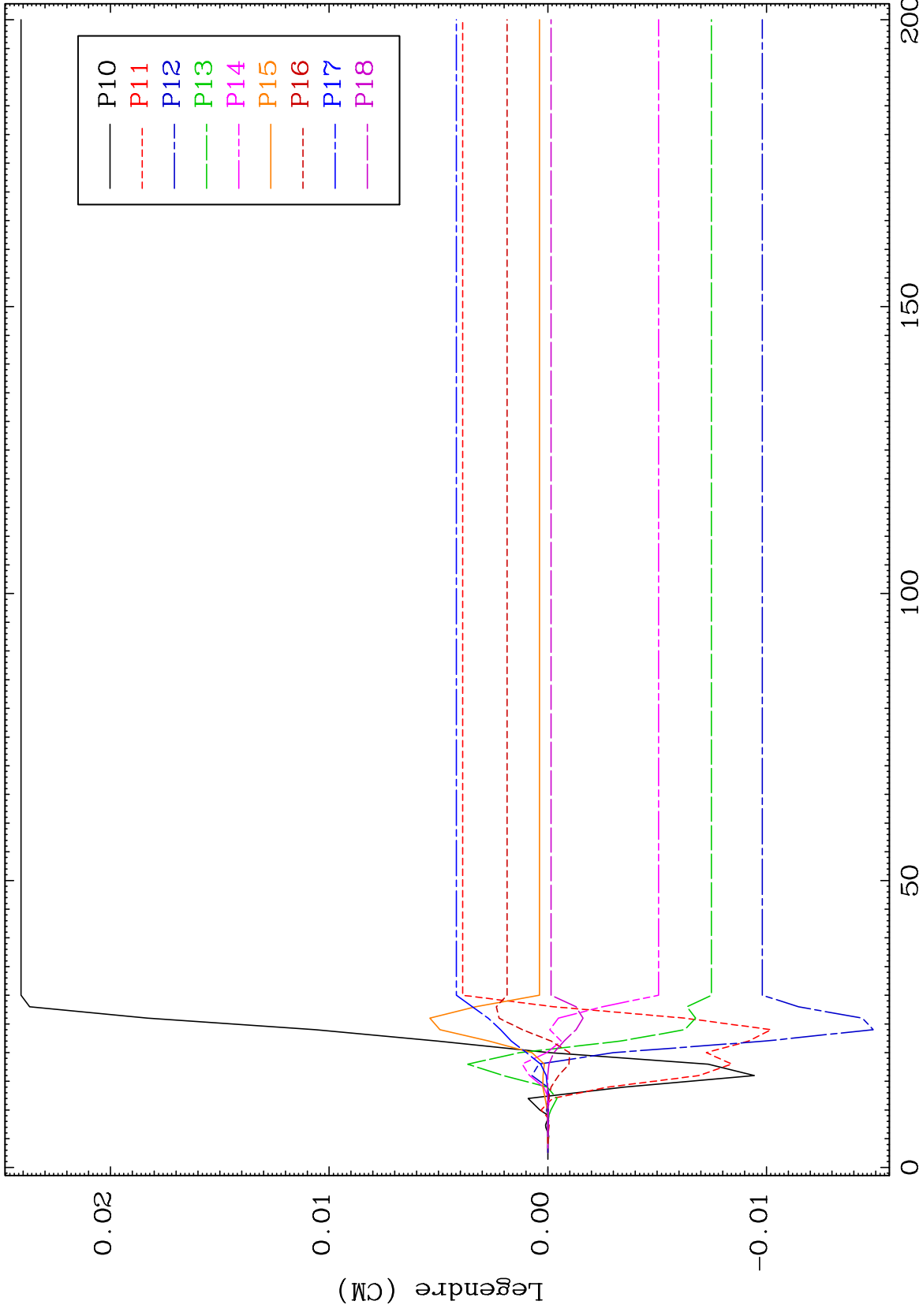




MAT 7443

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

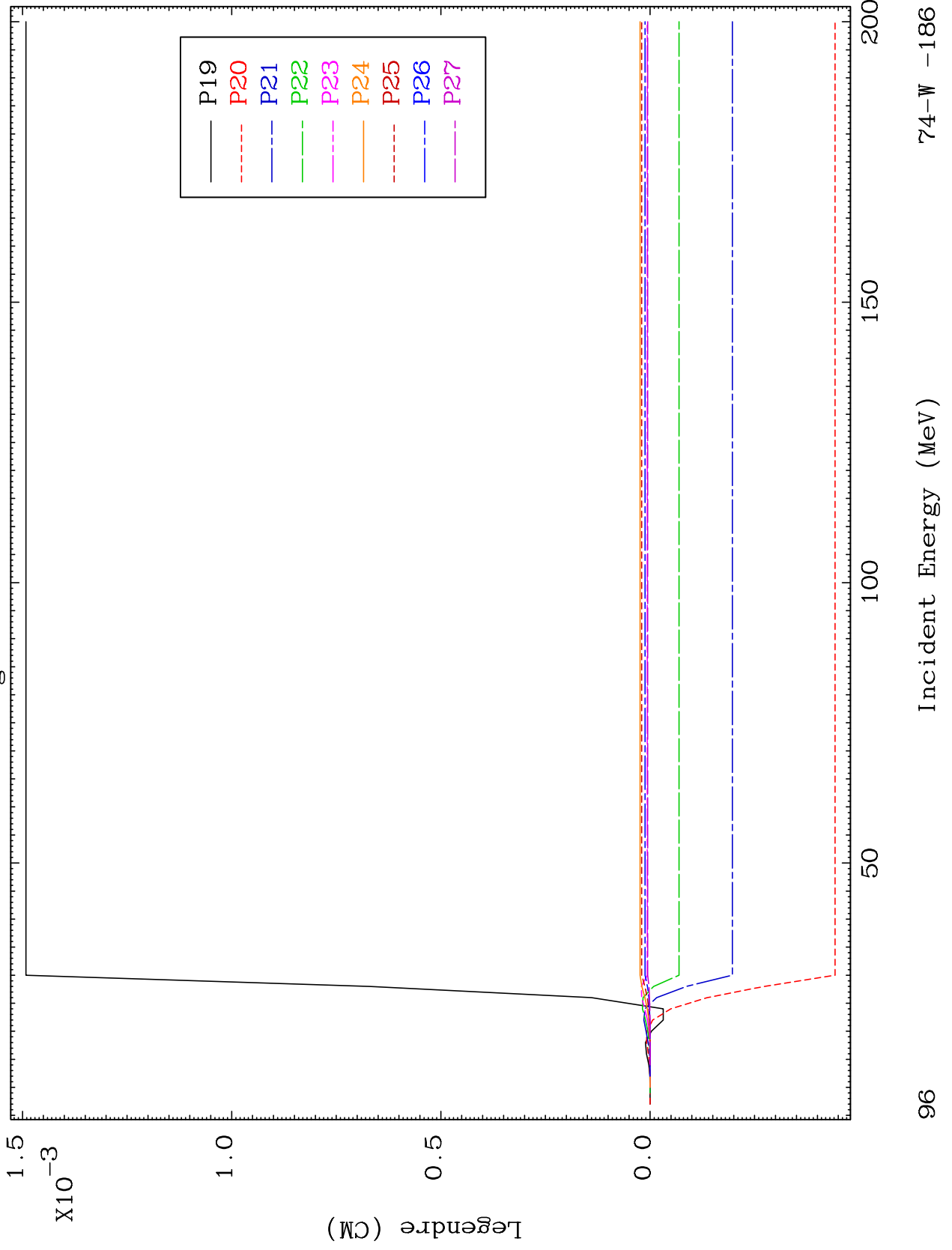
74-W -186

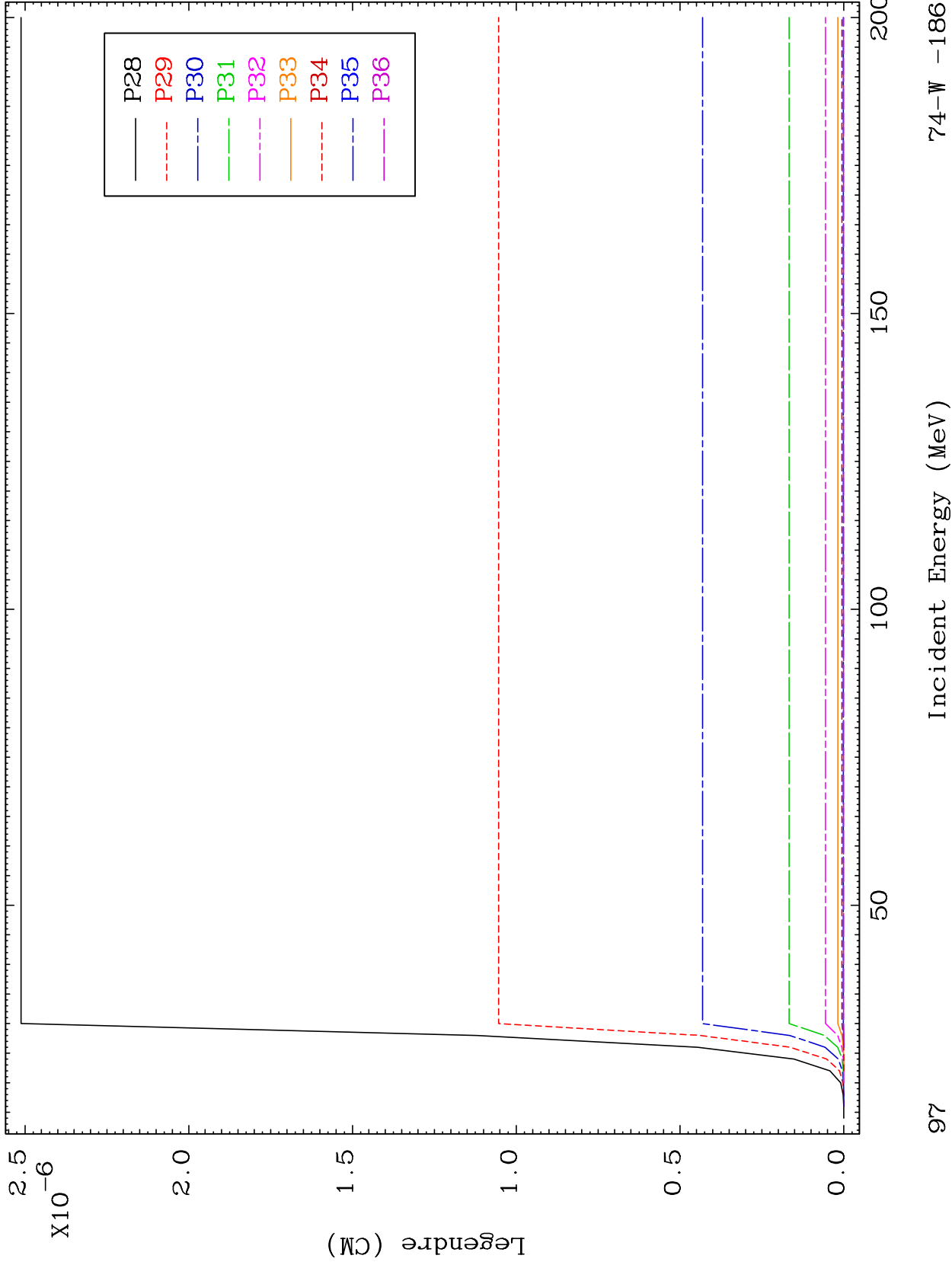


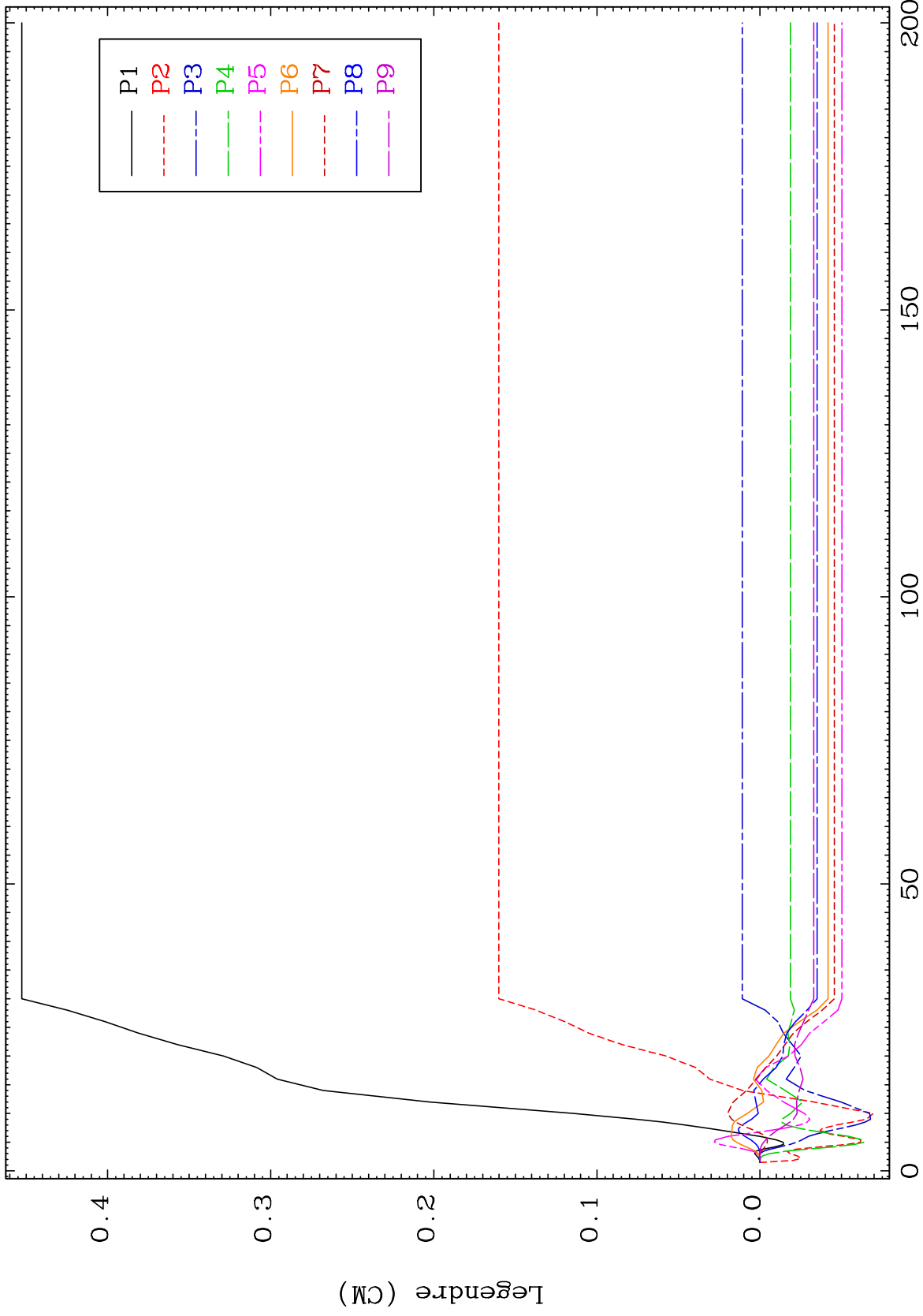
95

Incident Energy (MeV)

74-W -186



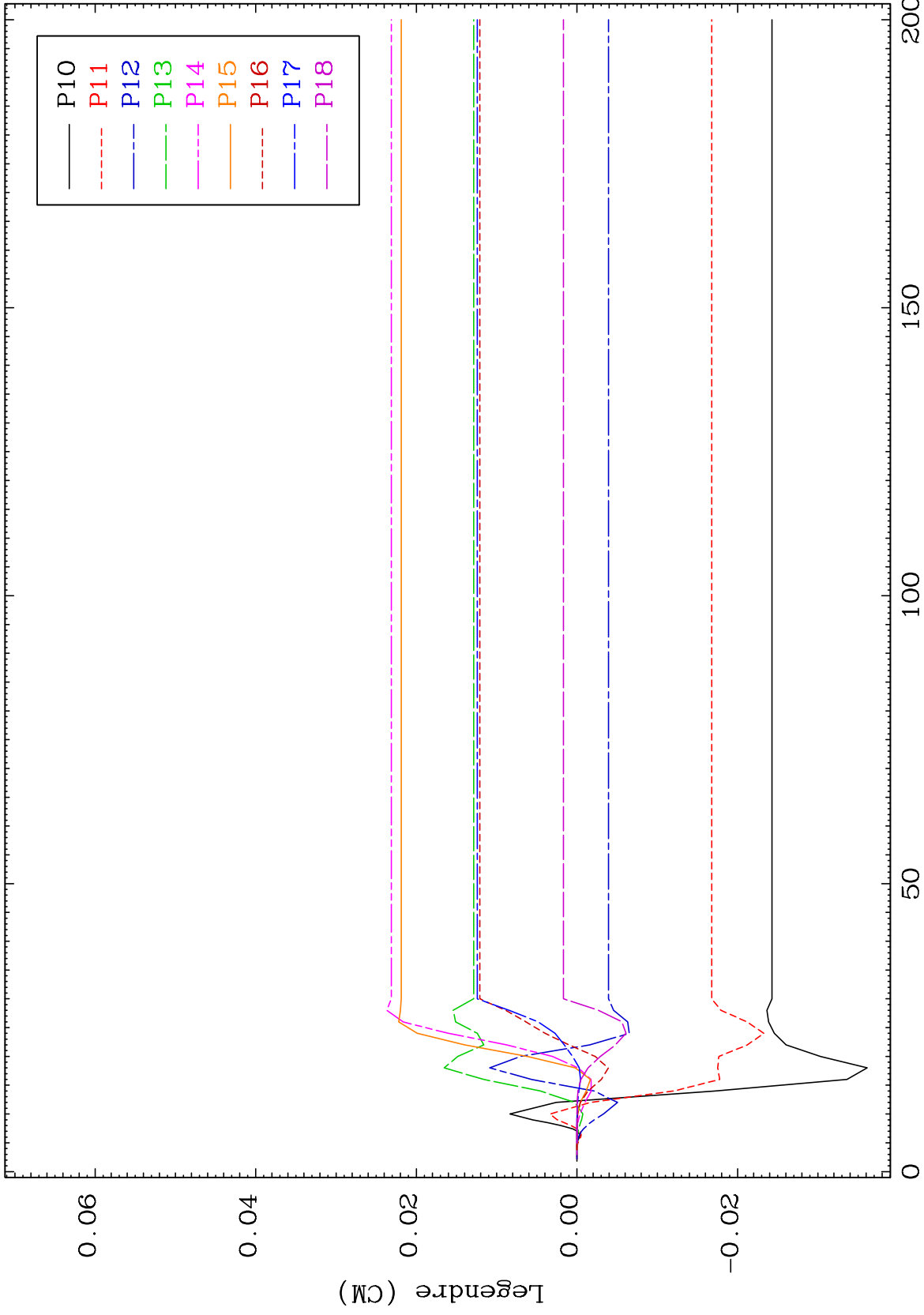




MAT 7443

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

74-W -186



99

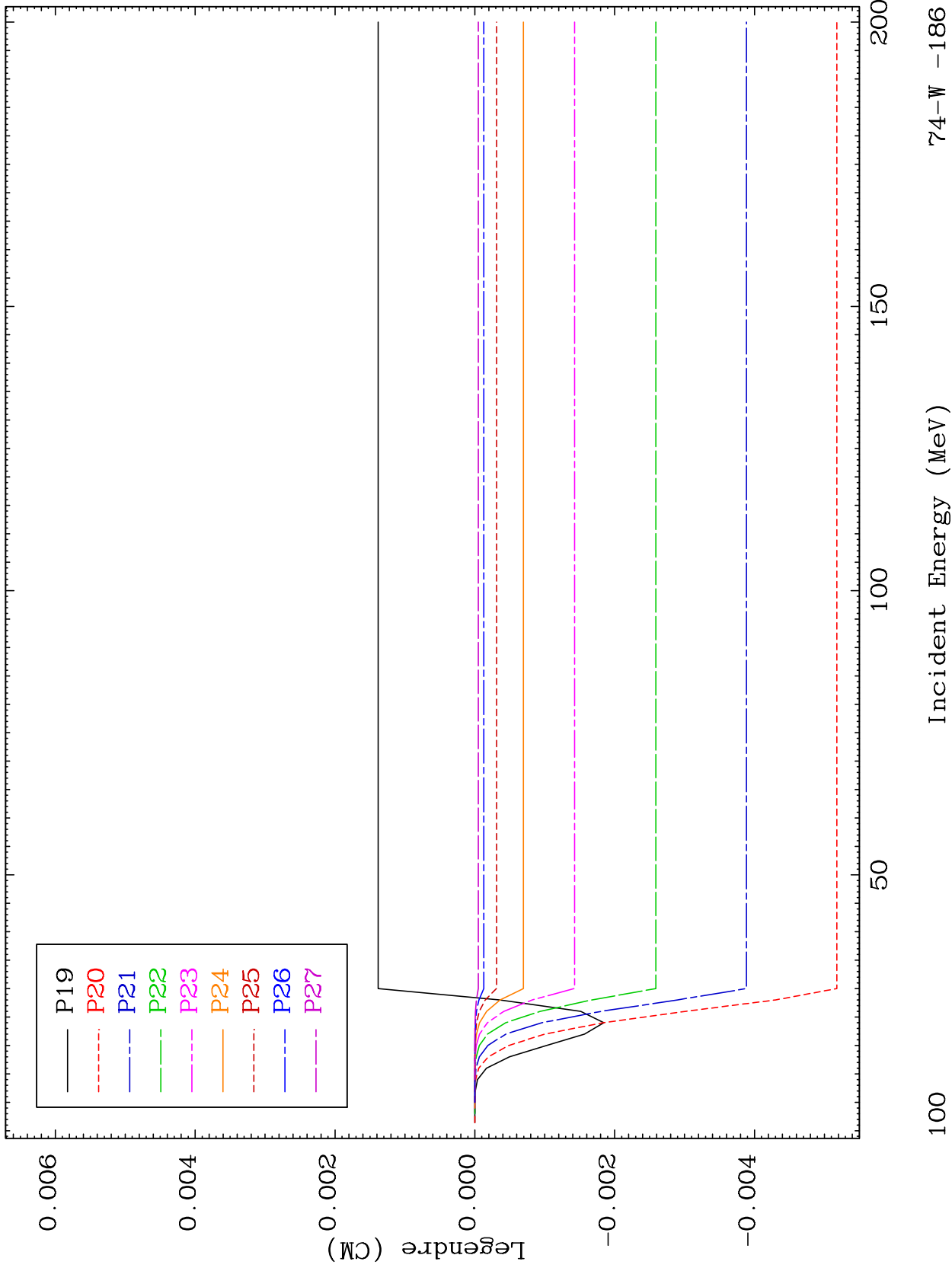
Incident Energy (MeV)

74-W -186

MAT 7443

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

74-W -186



100

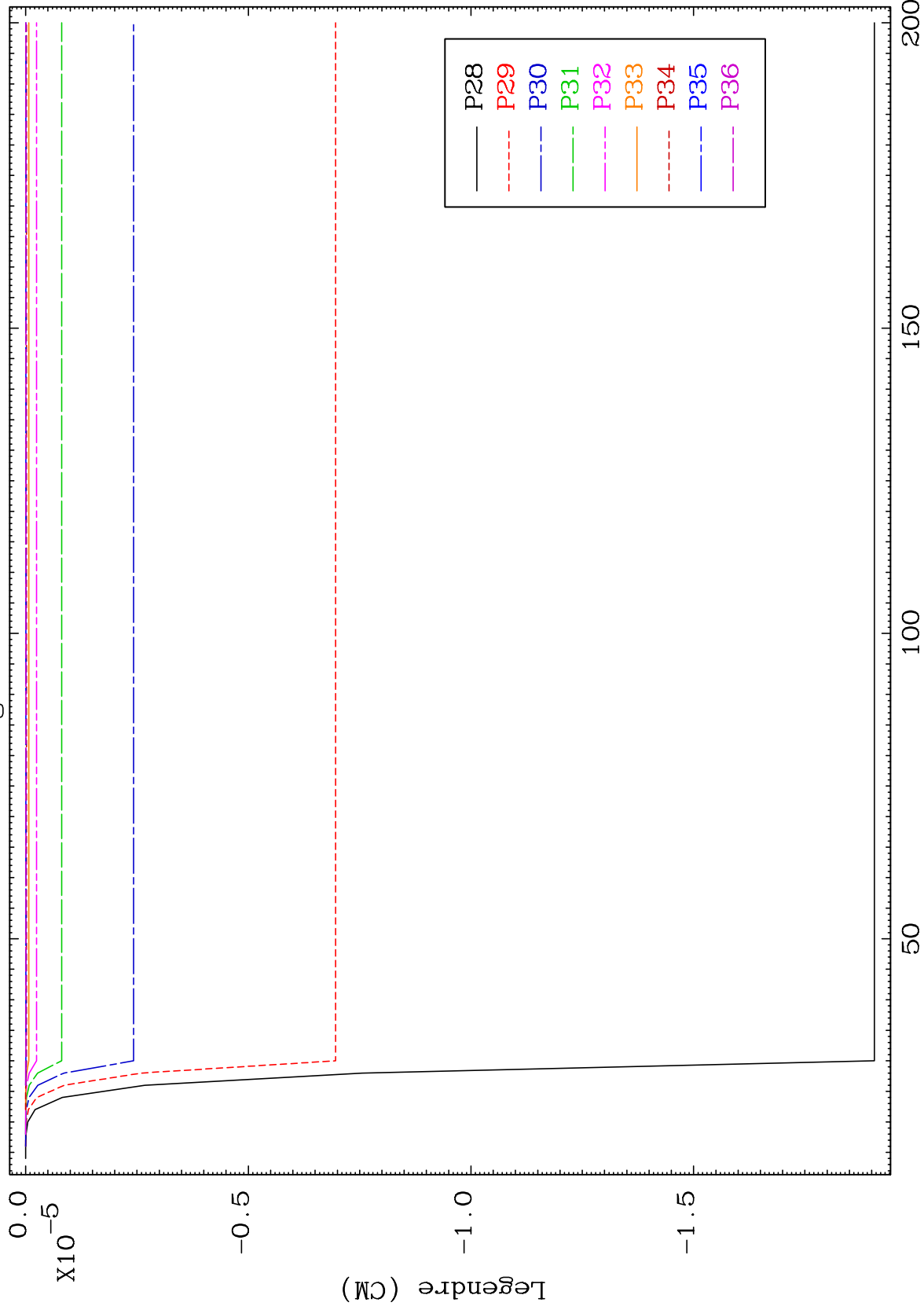
Incident Energy (MeV)

74-W -186

MAT 7443

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

74-W -186



101

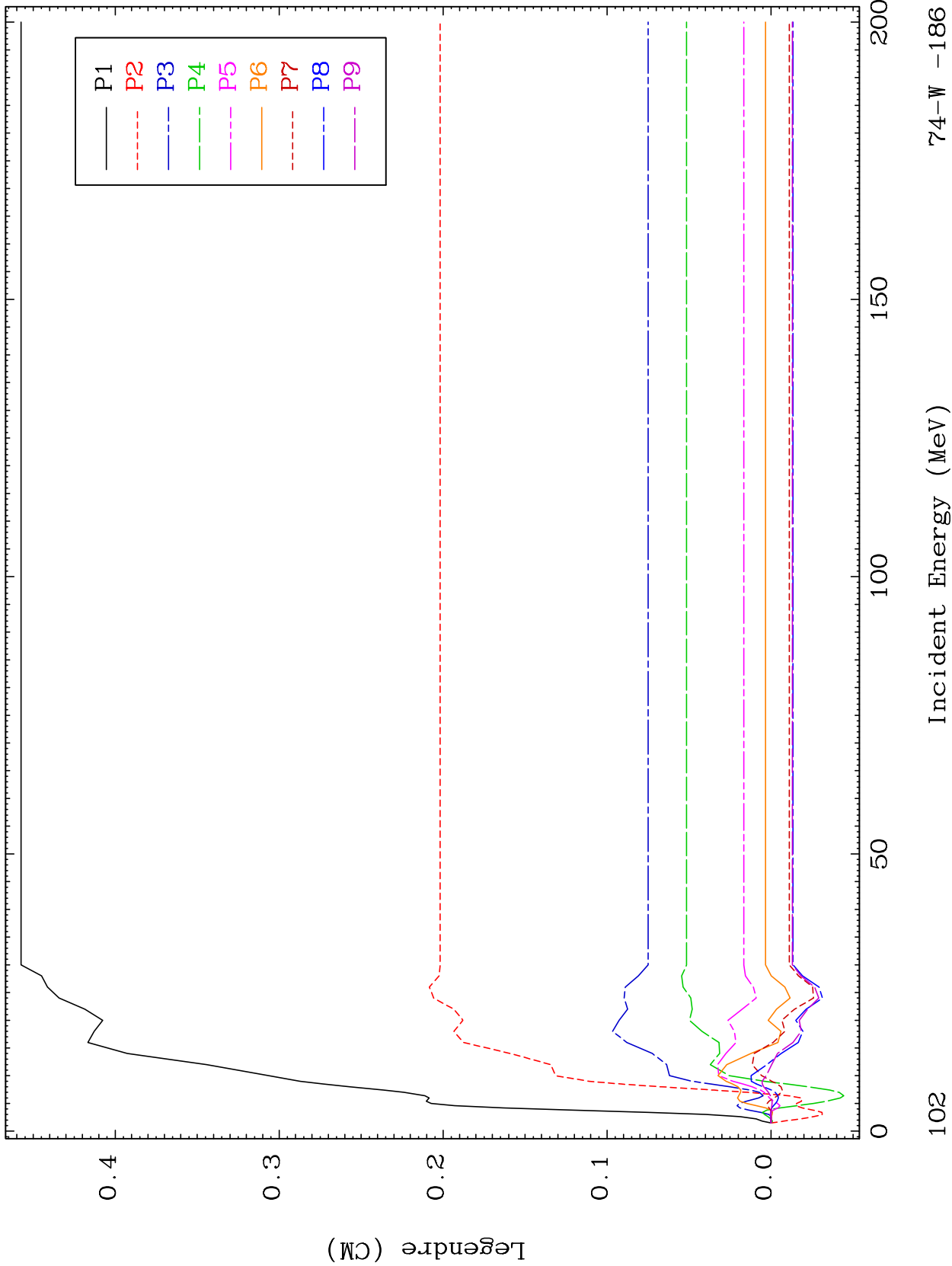
Incident Energy (MeV)

74-W -186

MAT 7443

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

74-W -186



74-W -186

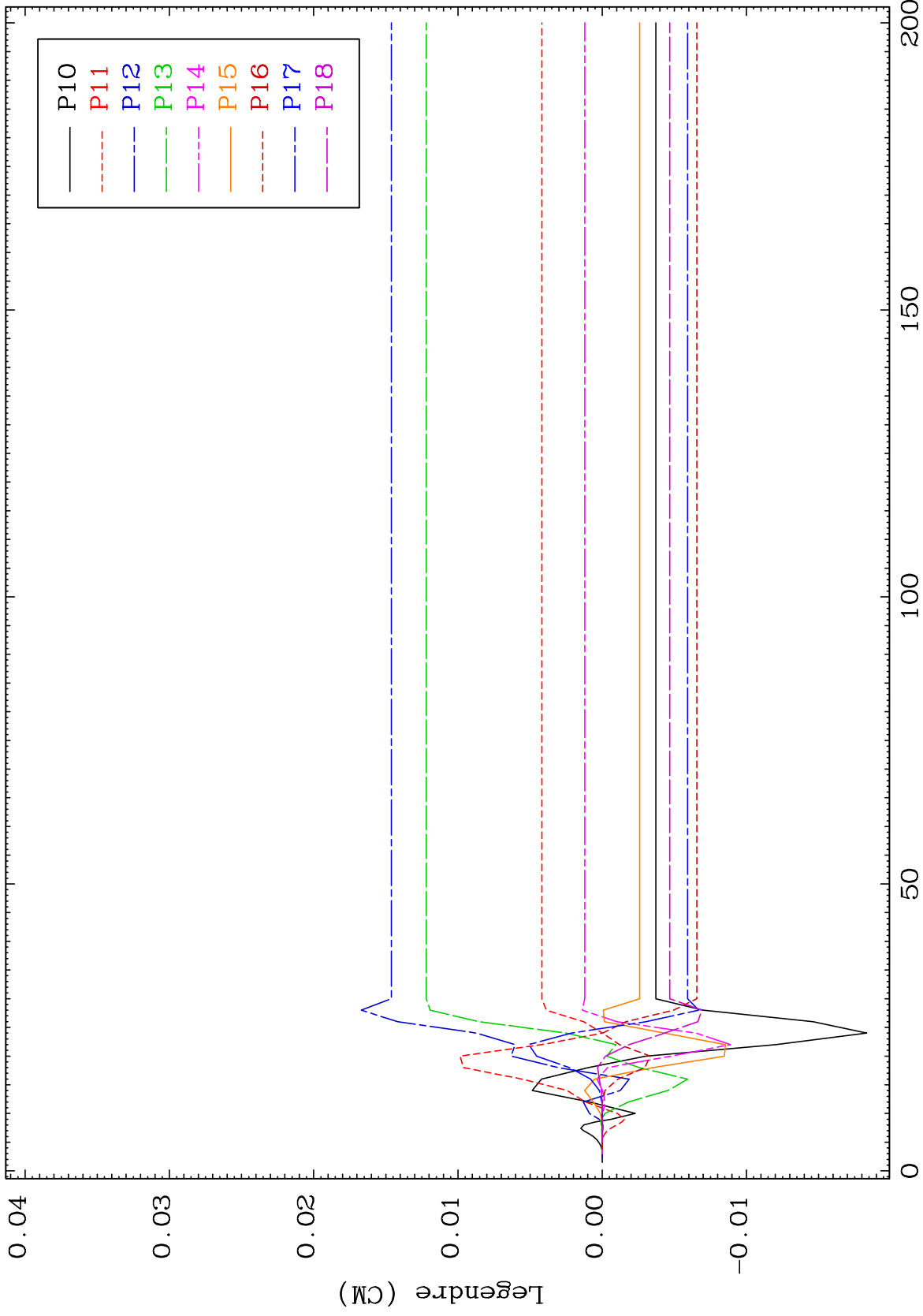
Incident Energy (MeV)

102

MAT 7443

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

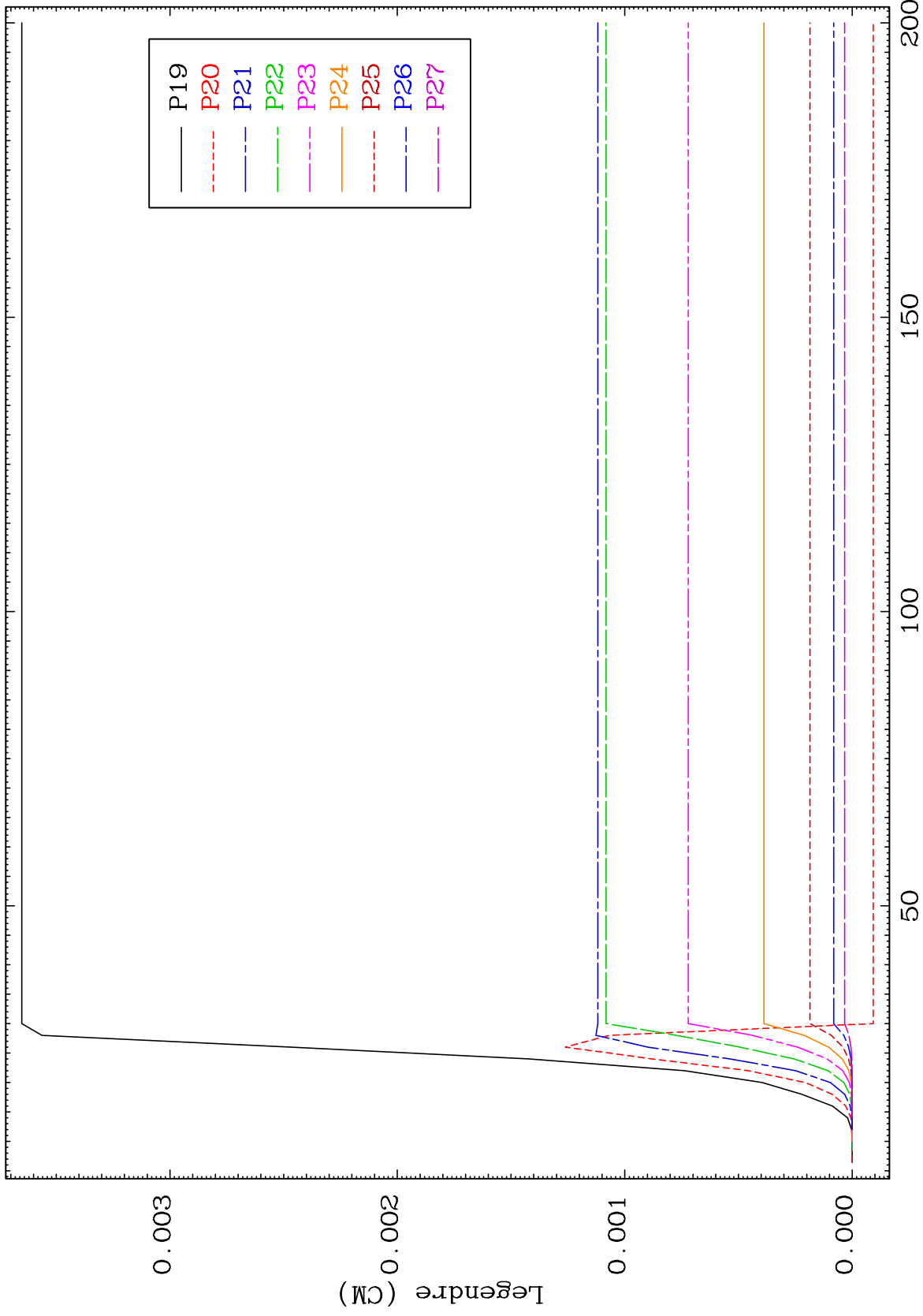
74-W -186



103

Incident Energy (MeV)

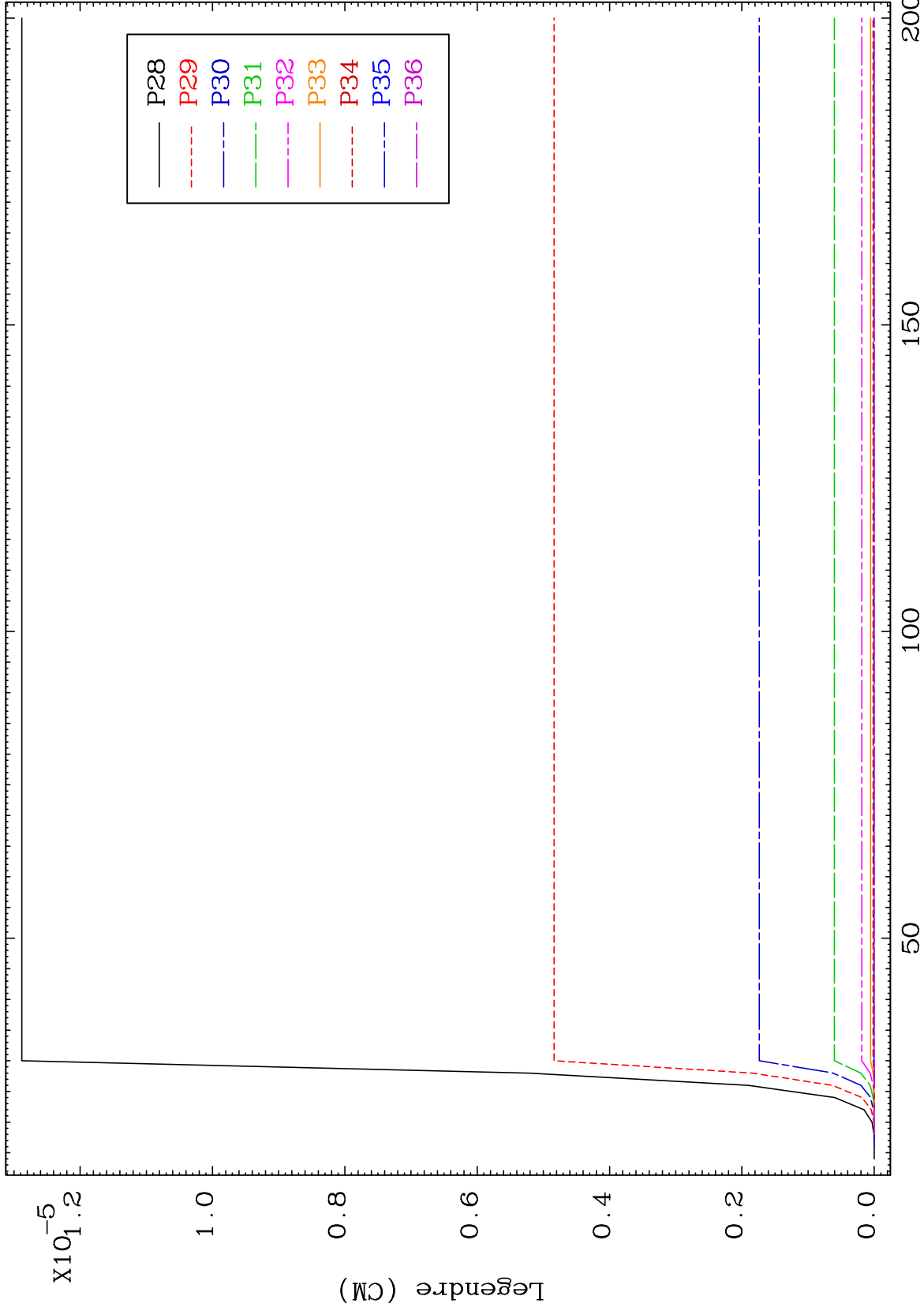
74-W -186



MAT 7443

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

74-W -186



105

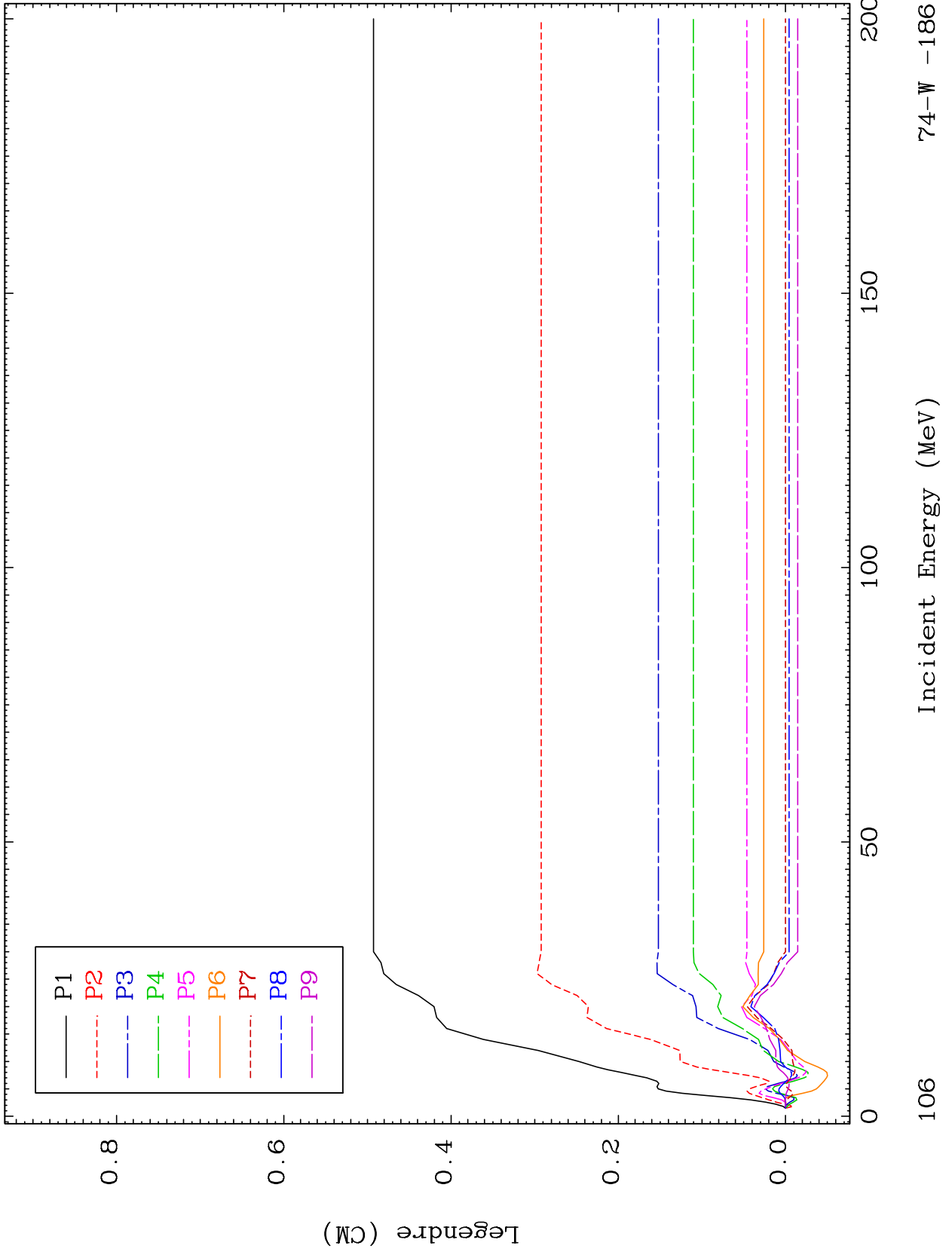
Incident Energy (MeV)

74-W -186

MAT 7443

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

74-W -186



74-W -186

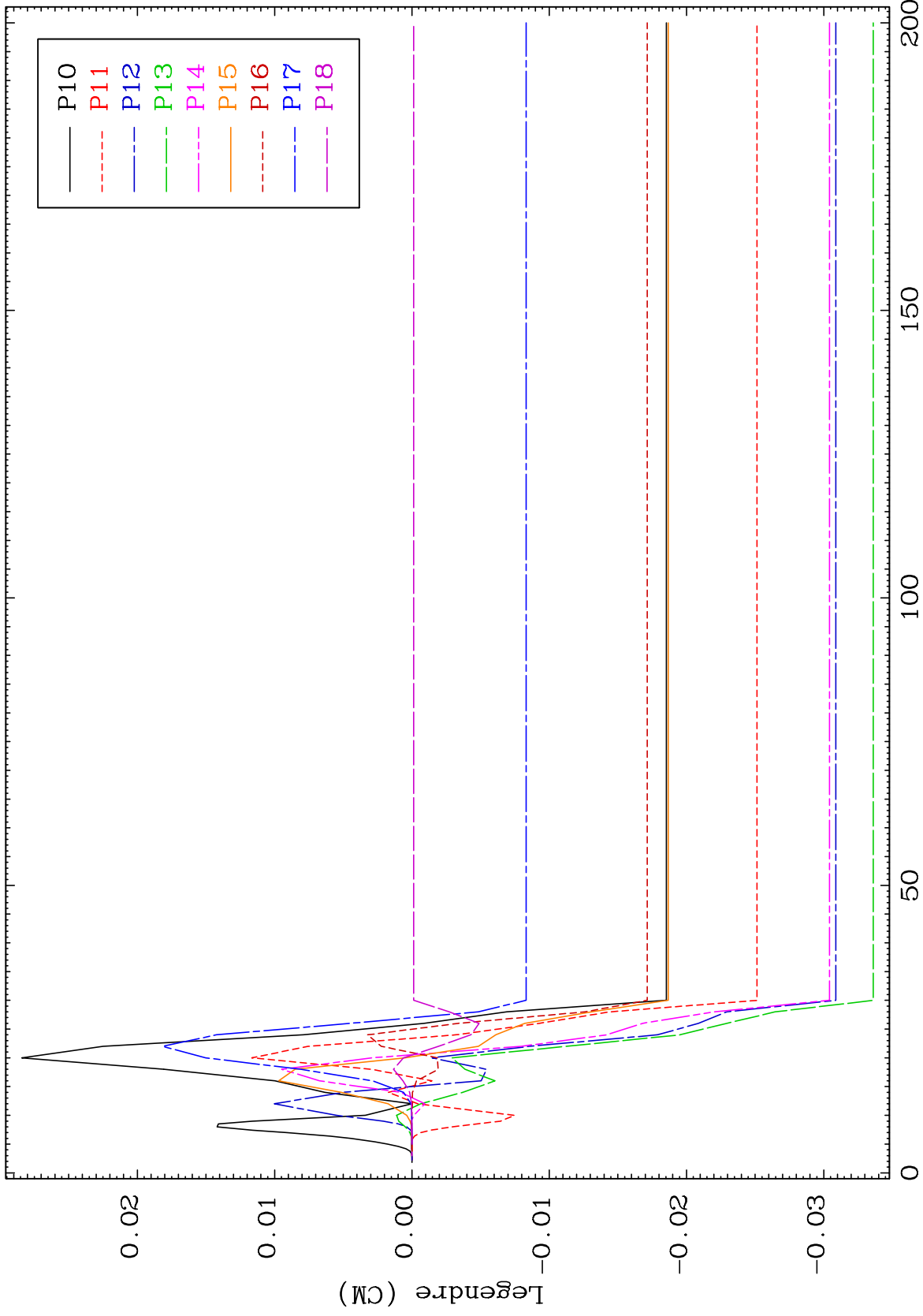
Incident Energy (MeV)

106

MAT 7443

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

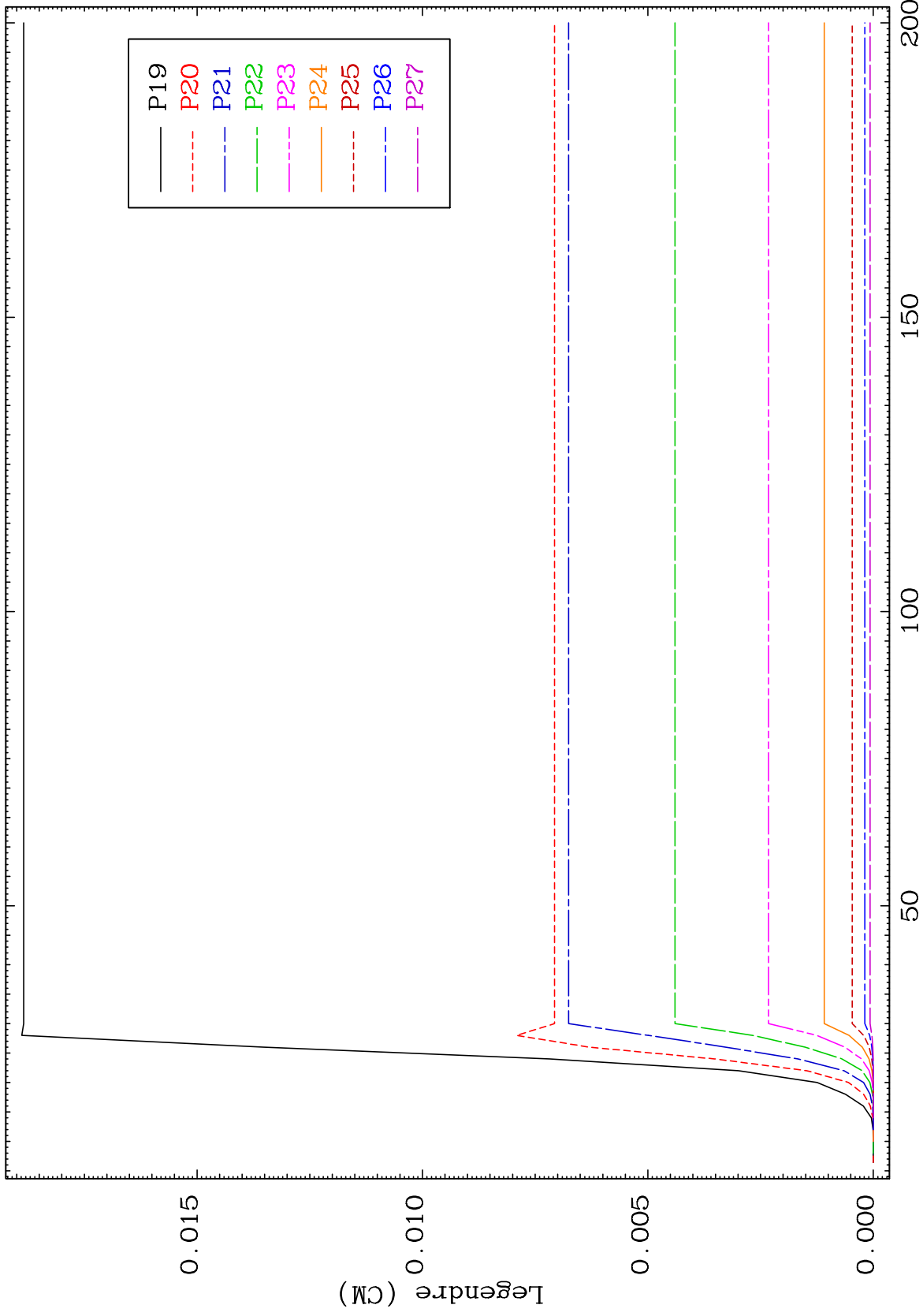
74-W -186

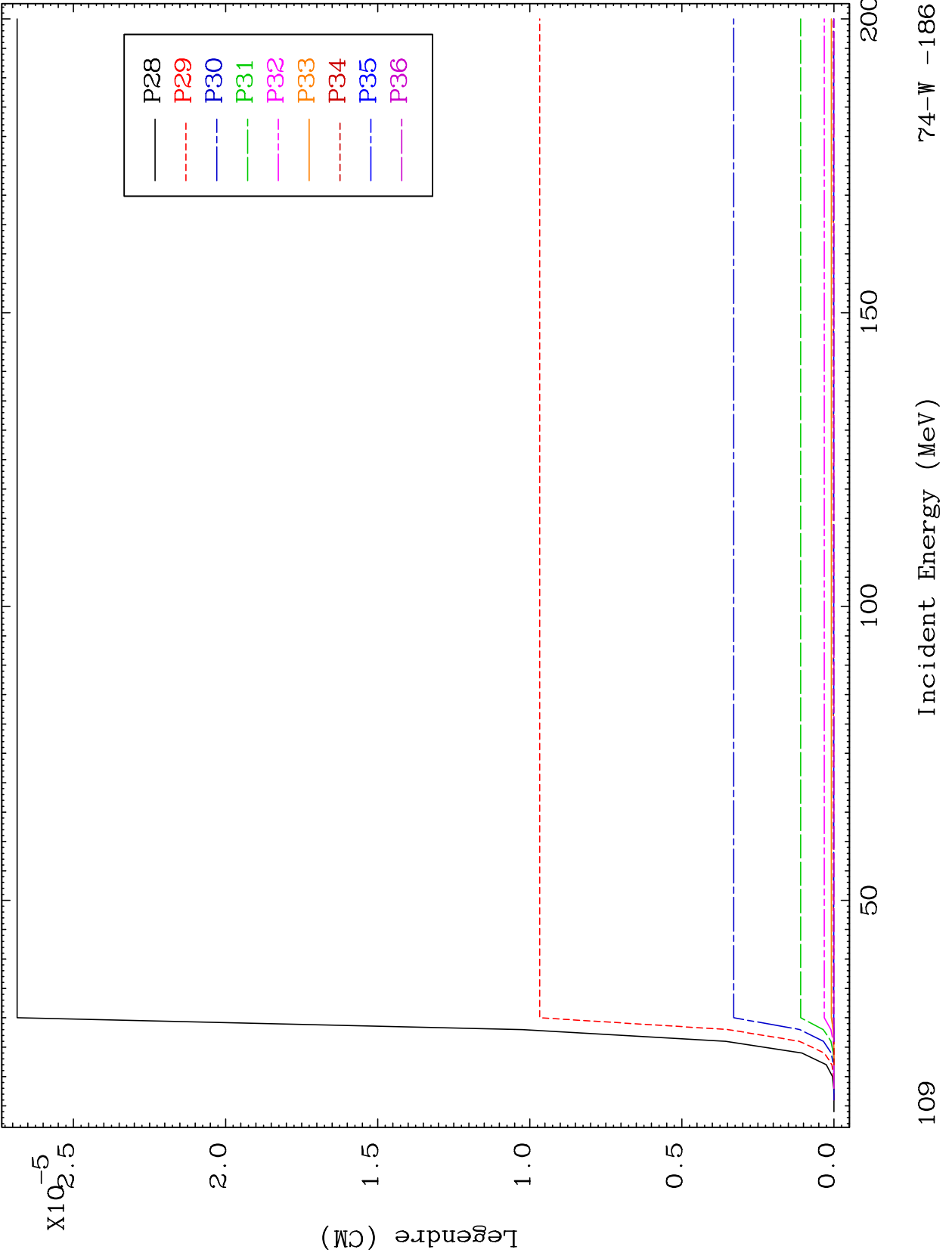


107

Incident Energy (MeV)

74-W -186

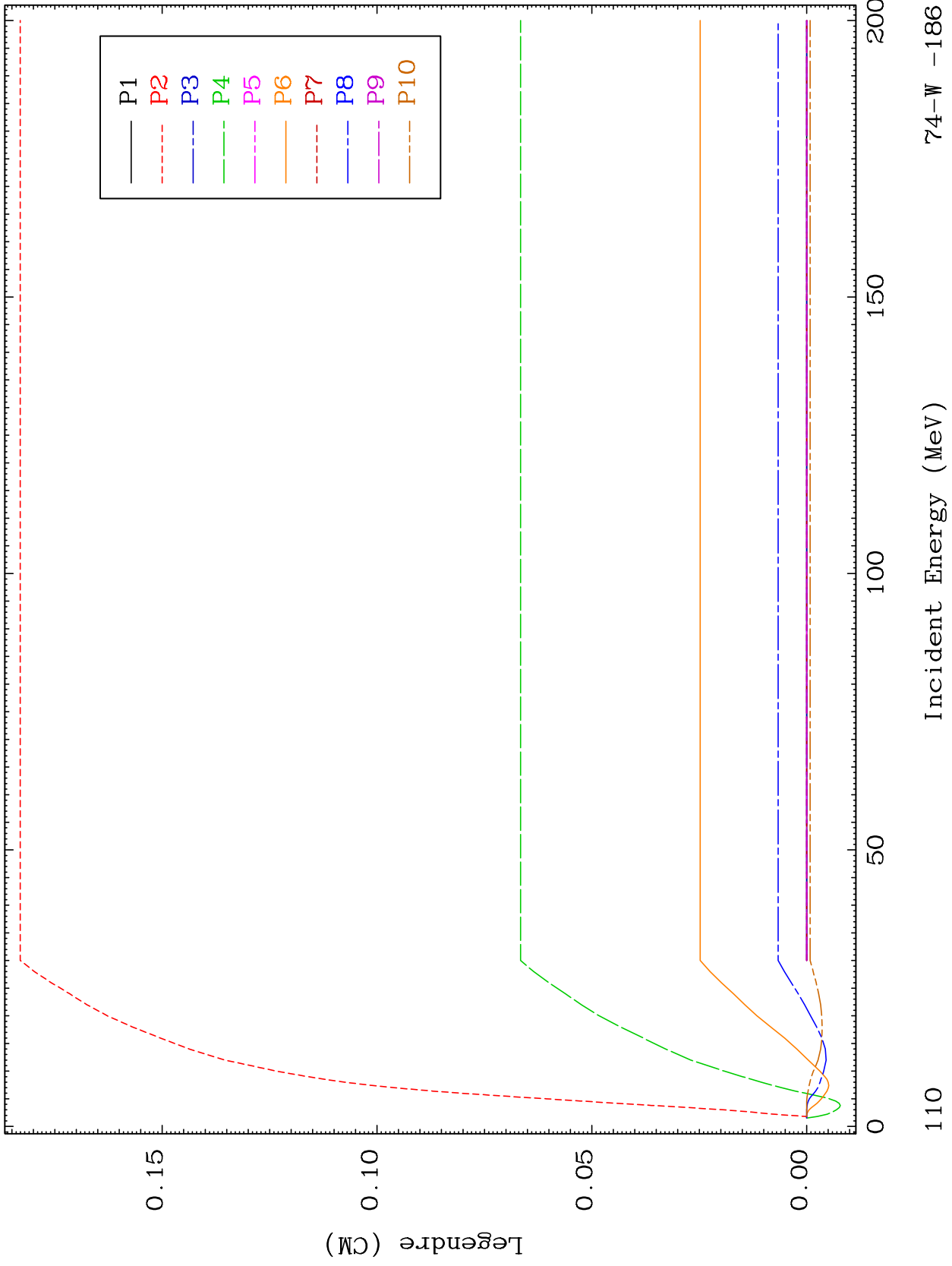




MAT 7443

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

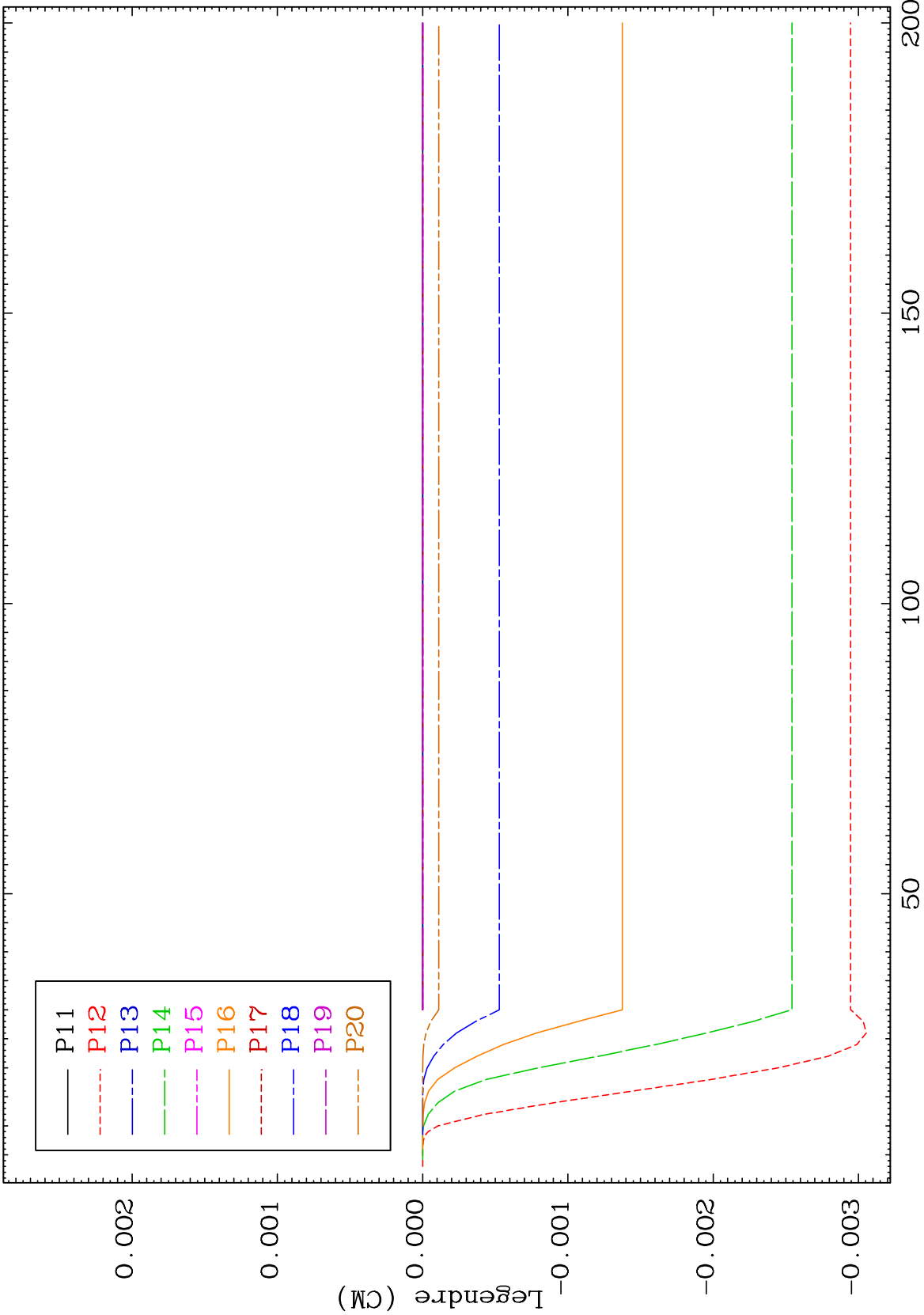
74-W -186



74-W -186

Incident Energy (MeV)

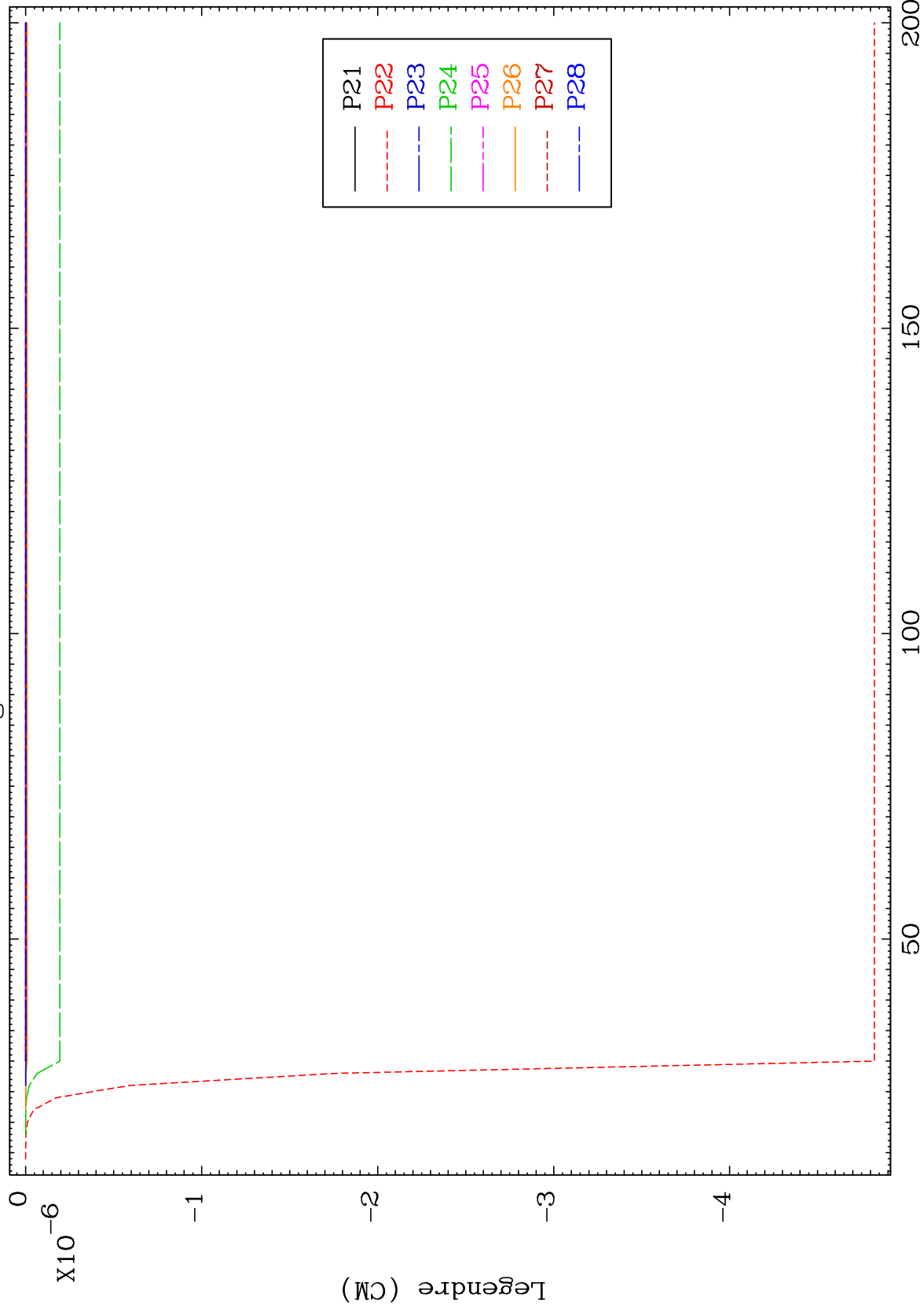
110



MAT 7443

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

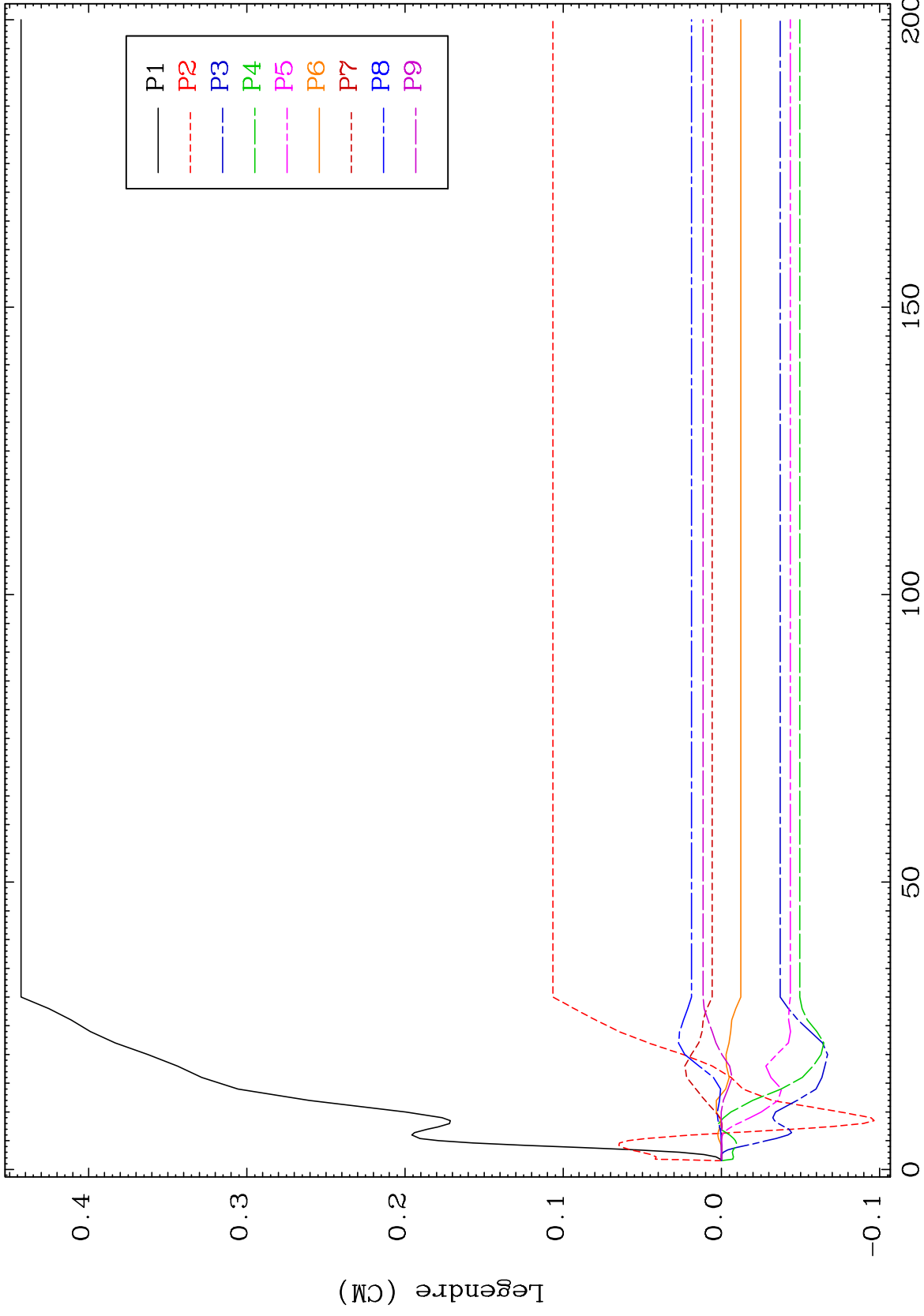
74-W -186



112

Incident Energy (MeV)

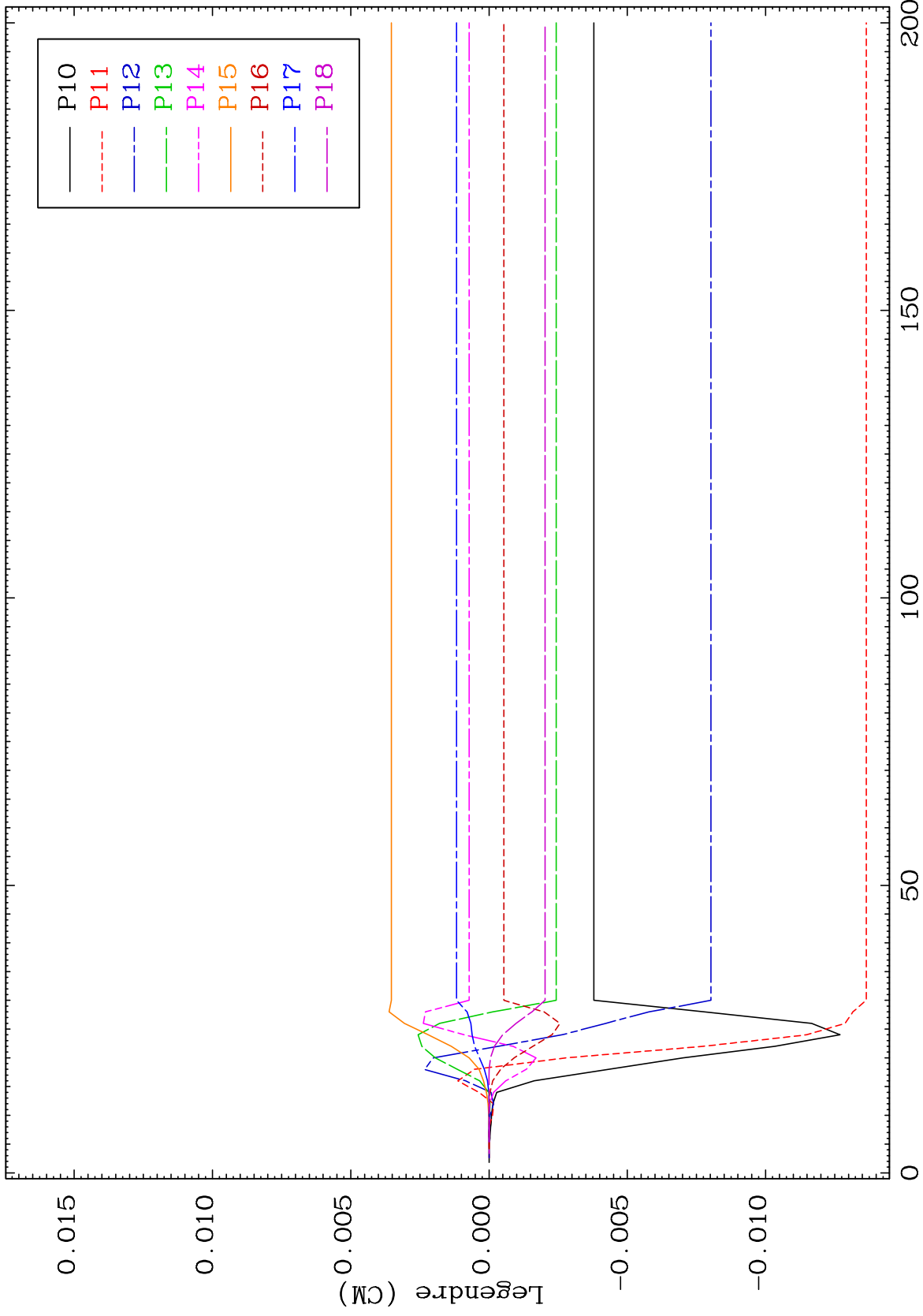
74-W -186



MAT 7443

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

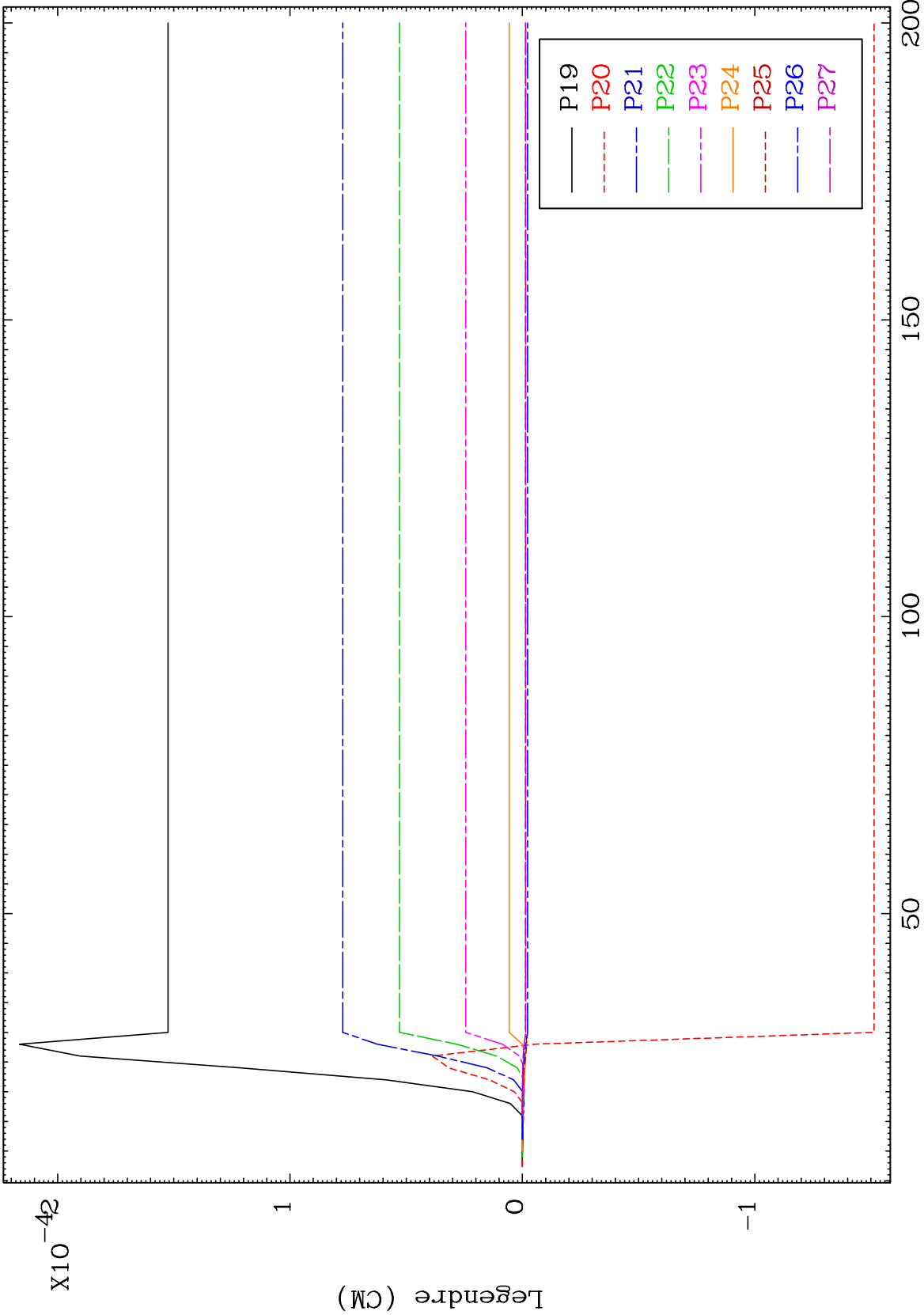
74-W -186



114

Incident Energy (MeV)

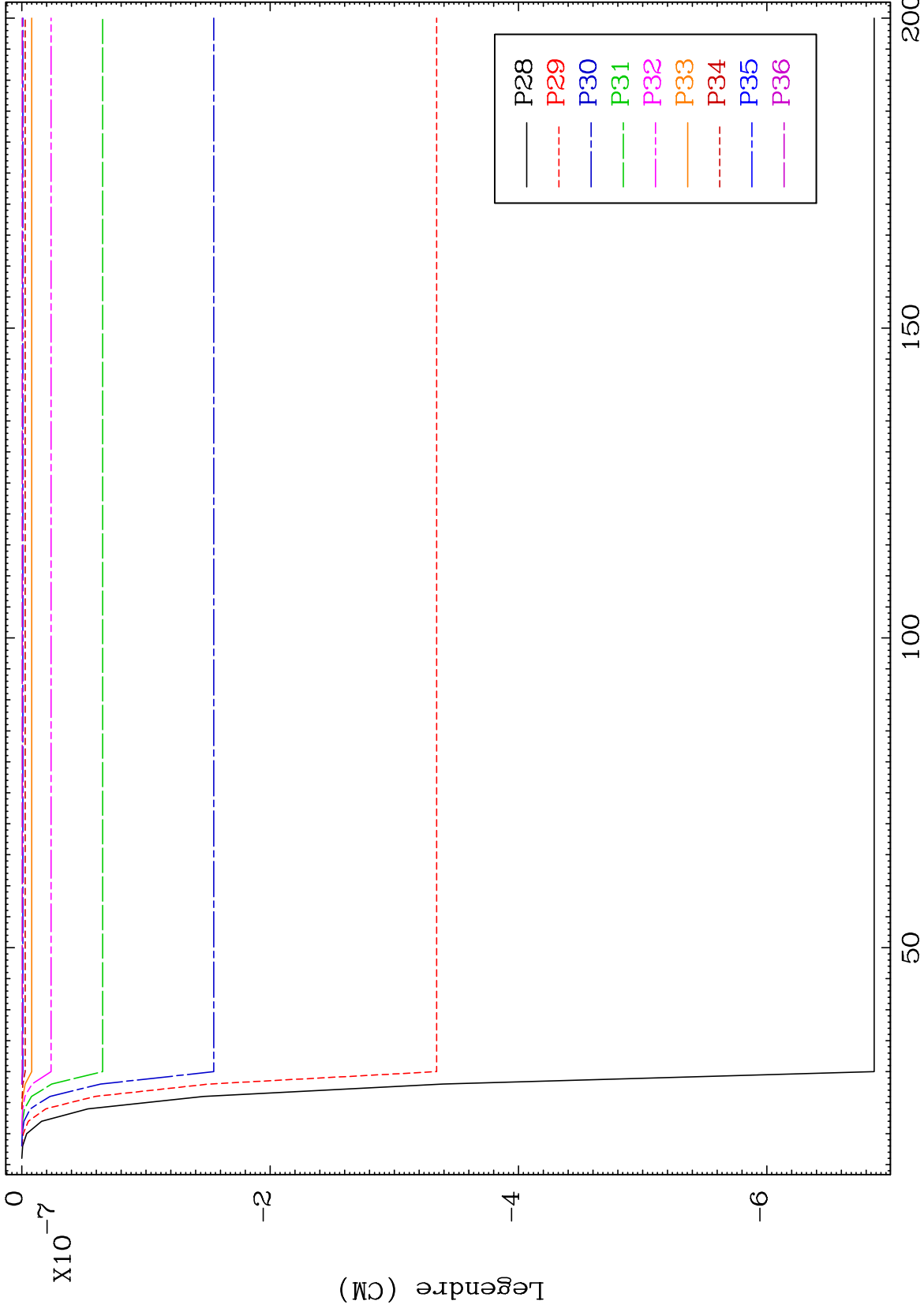
74-W -186



MAT 7443

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

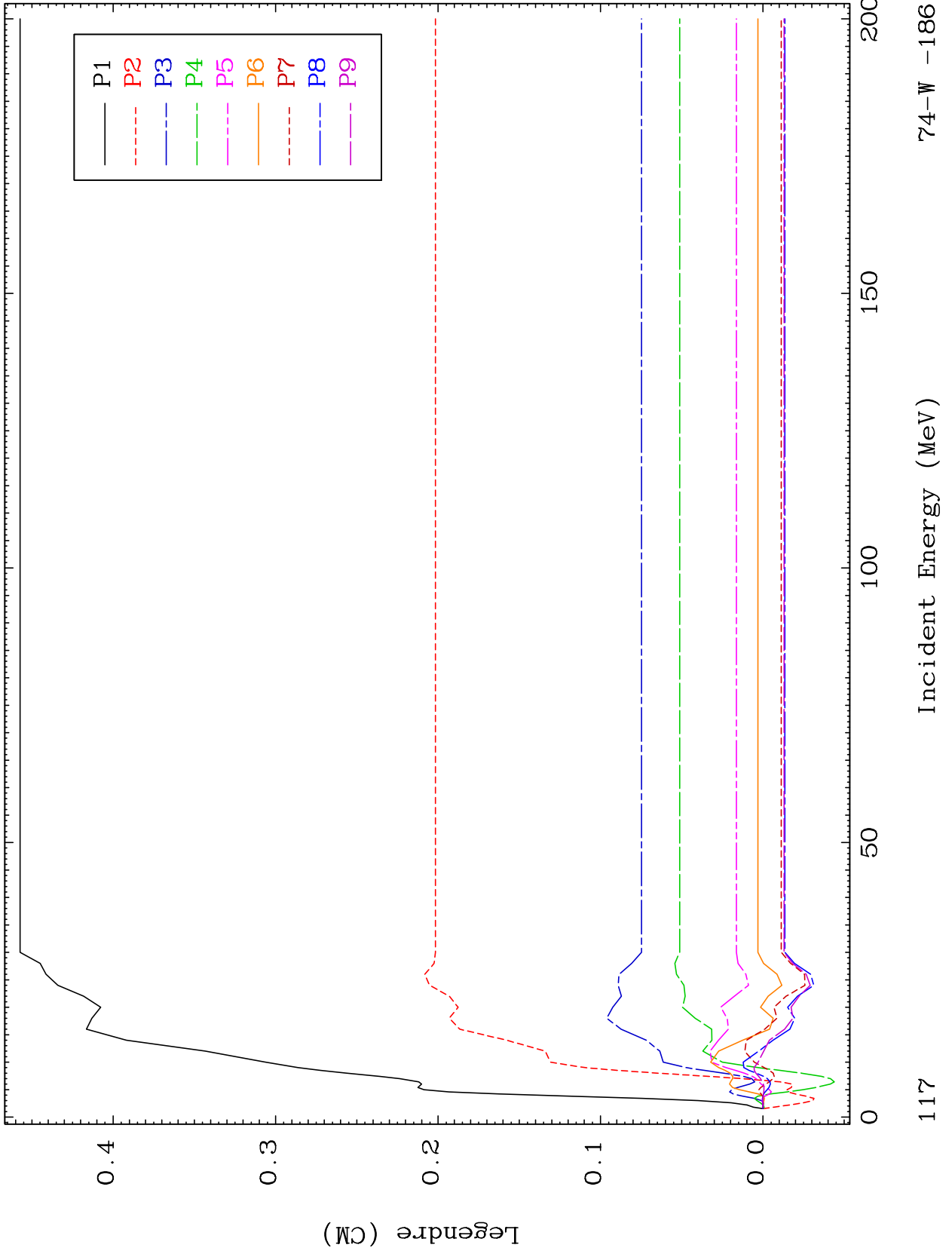
74-W -186



116

Incident Energy (MeV)

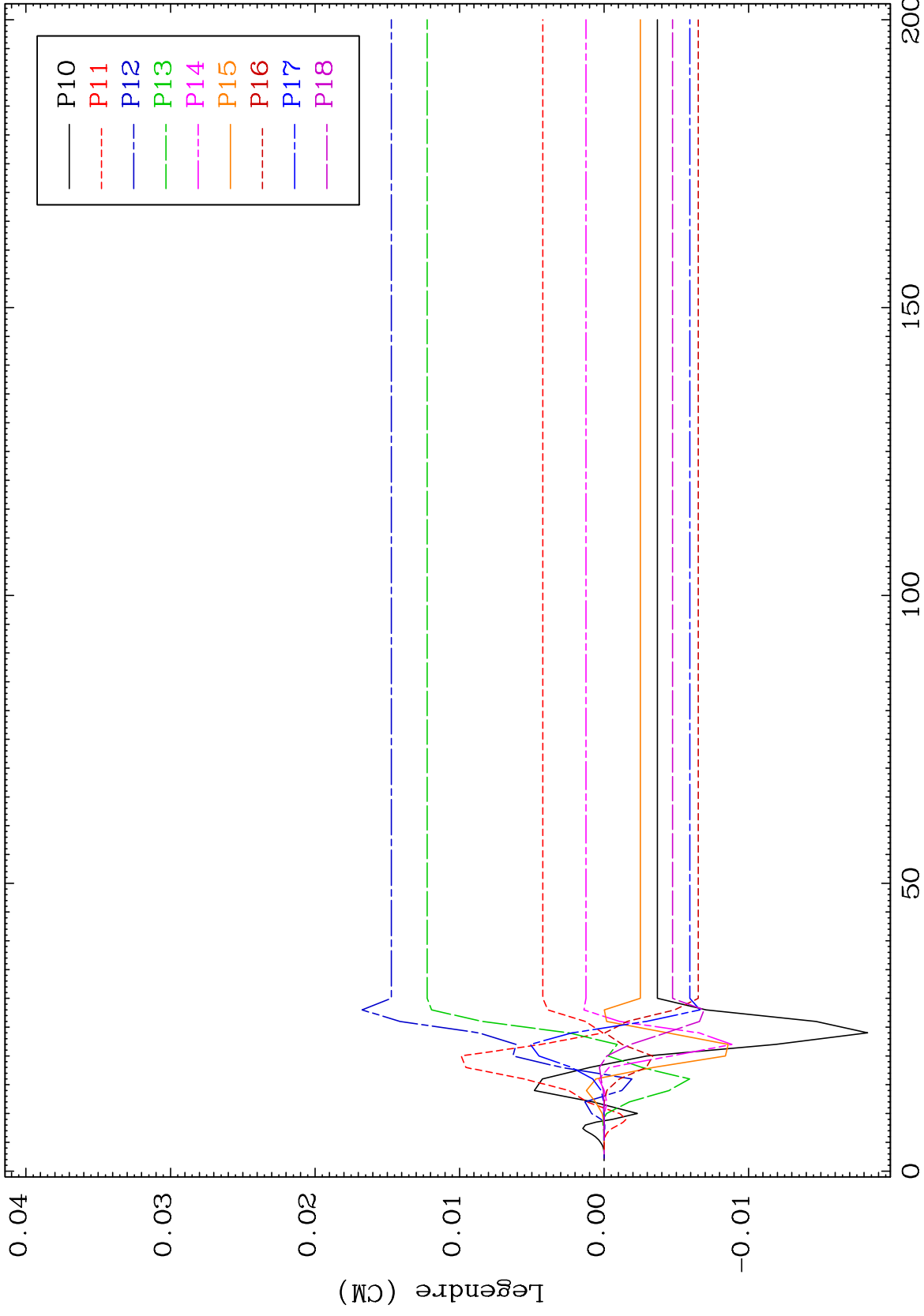
74-W -186



MAT 7443

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

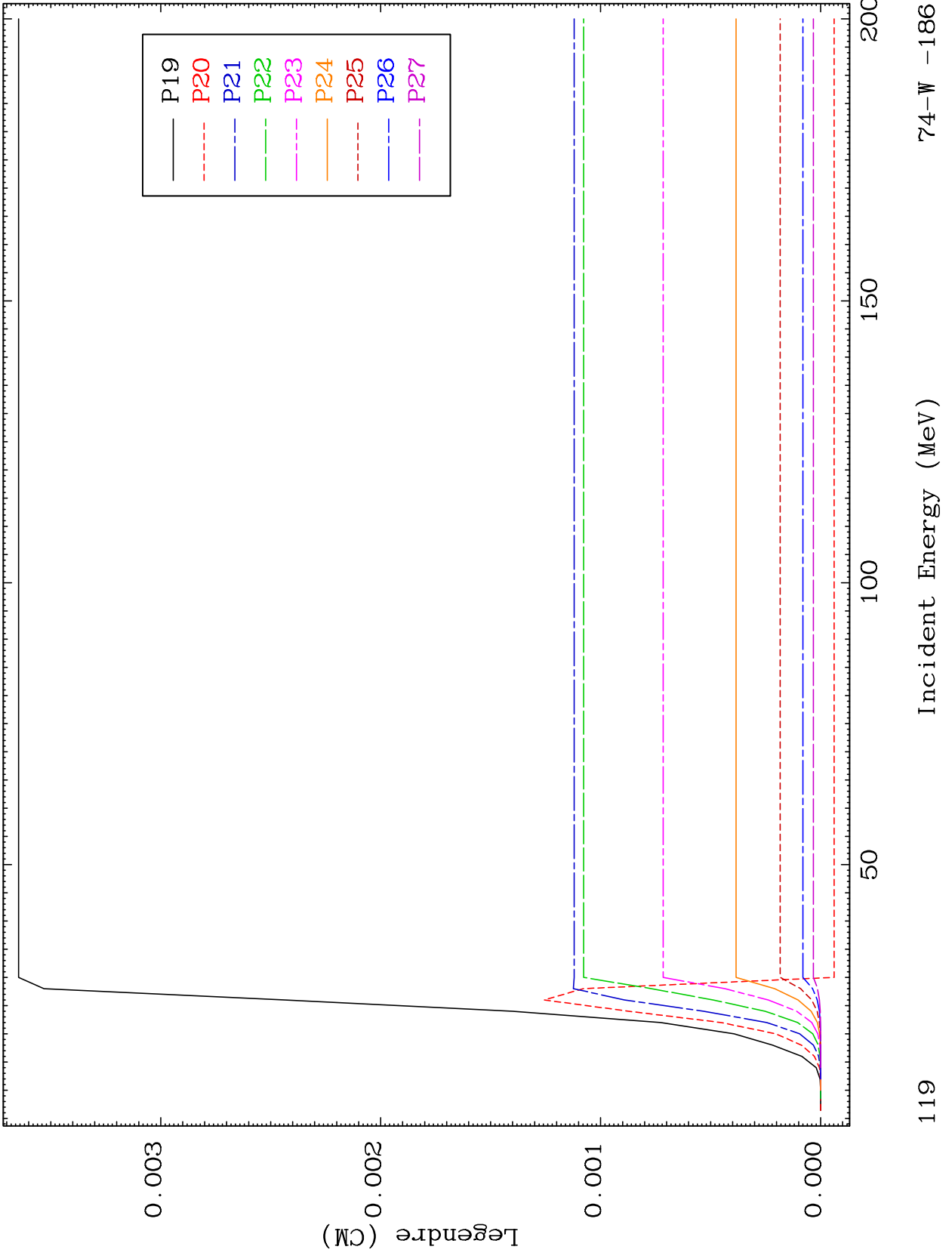
74-W -186



118

Incident Energy (MeV)

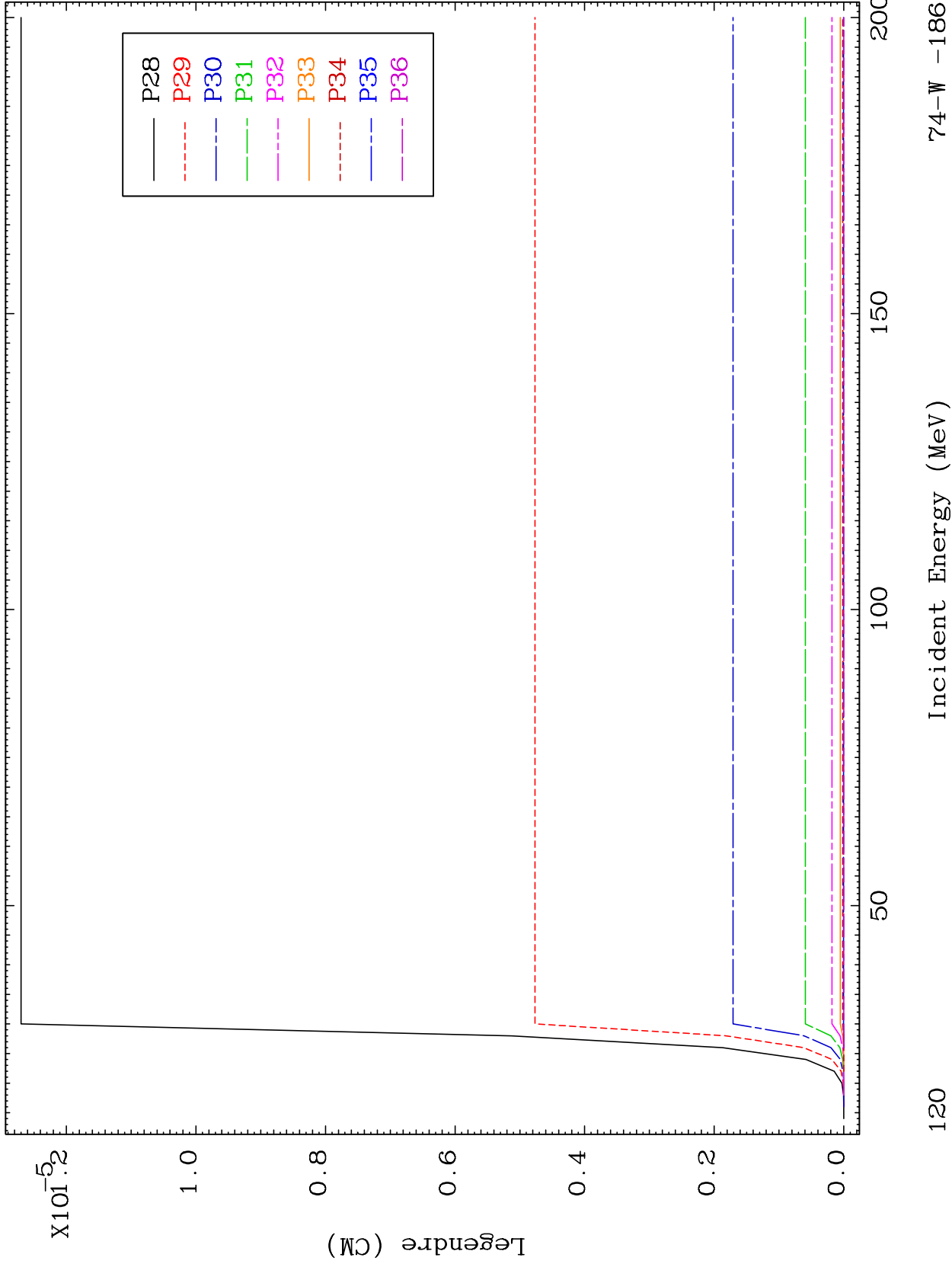
74-W -186



MAT 7443

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

74-W -186



74-W -186

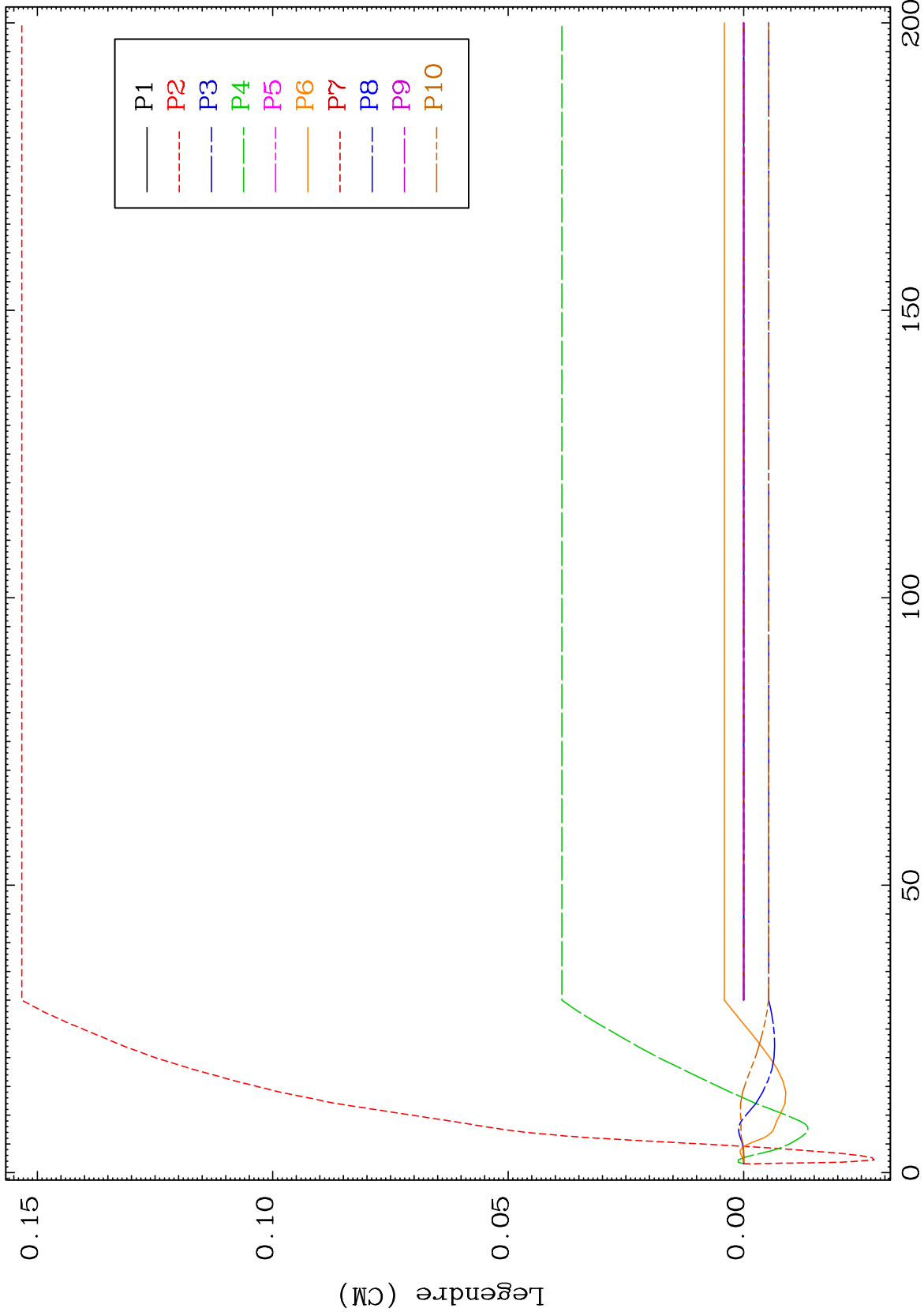
Incident Energy (MeV)

120

MAT 7443

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

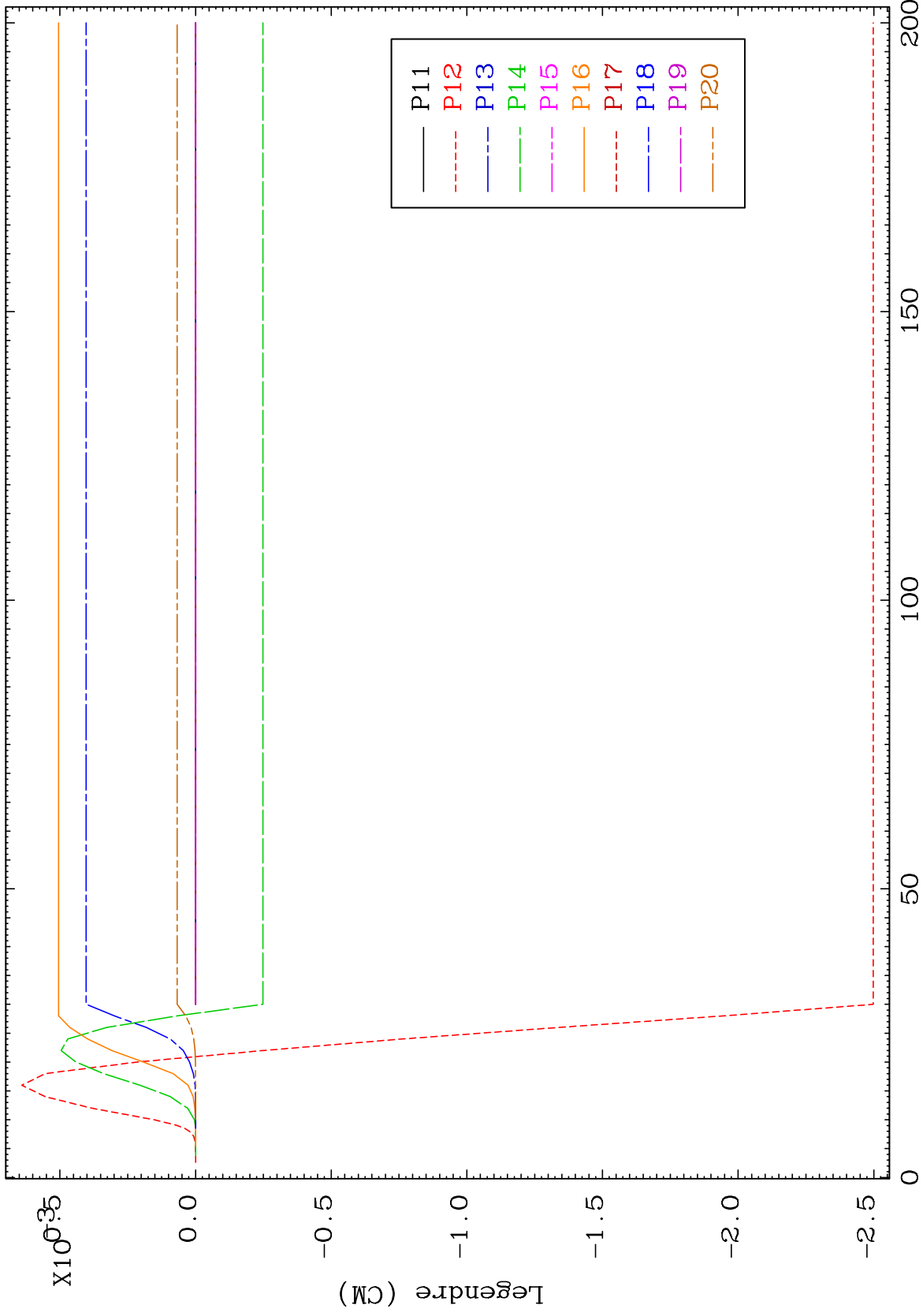
74-W -186



121

Incident Energy (MeV)

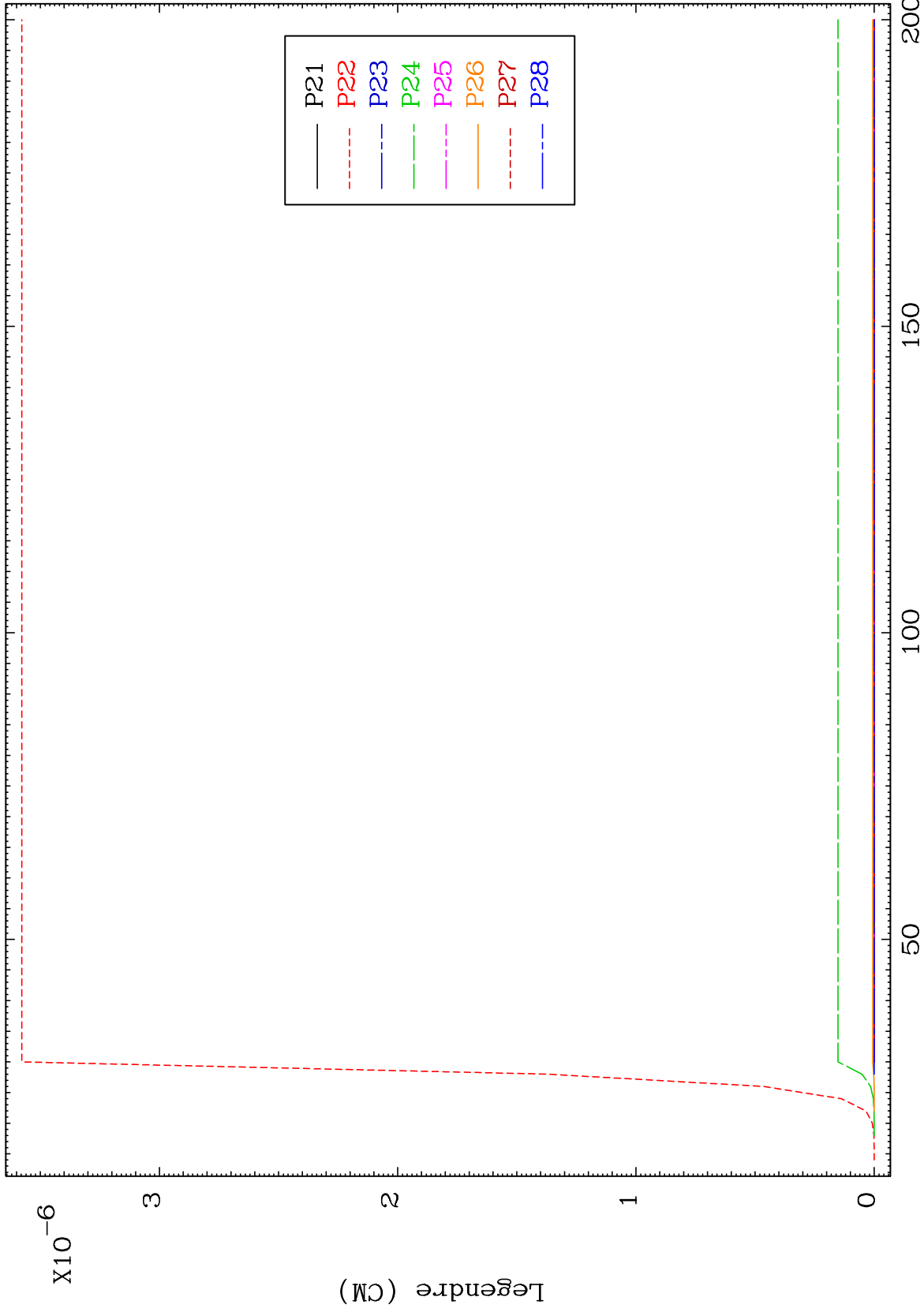
74-W -186



MAT 7443

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

74-W -186



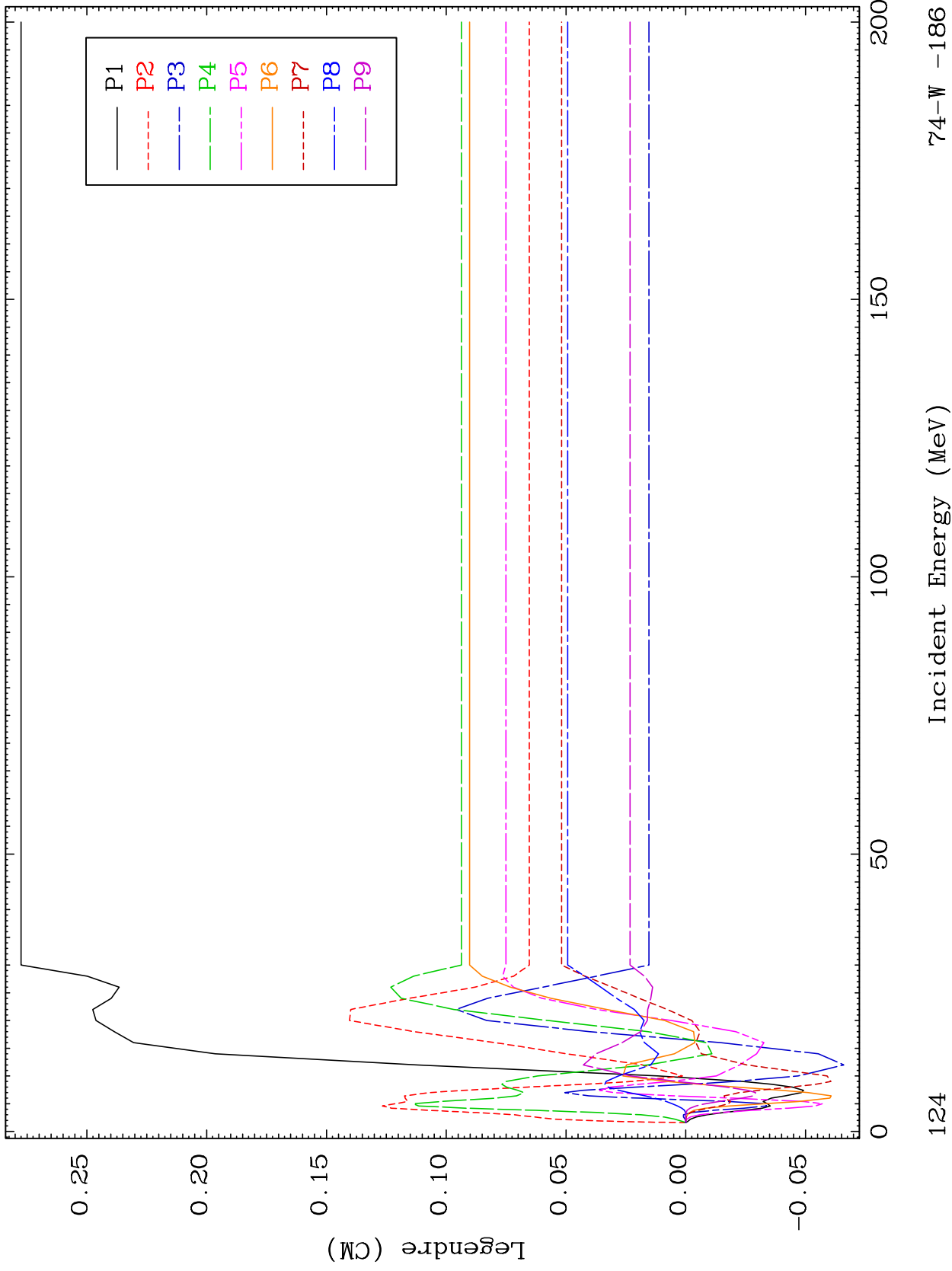
123

74-W -186

MAT 7443

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

74-W -186



74-W -186

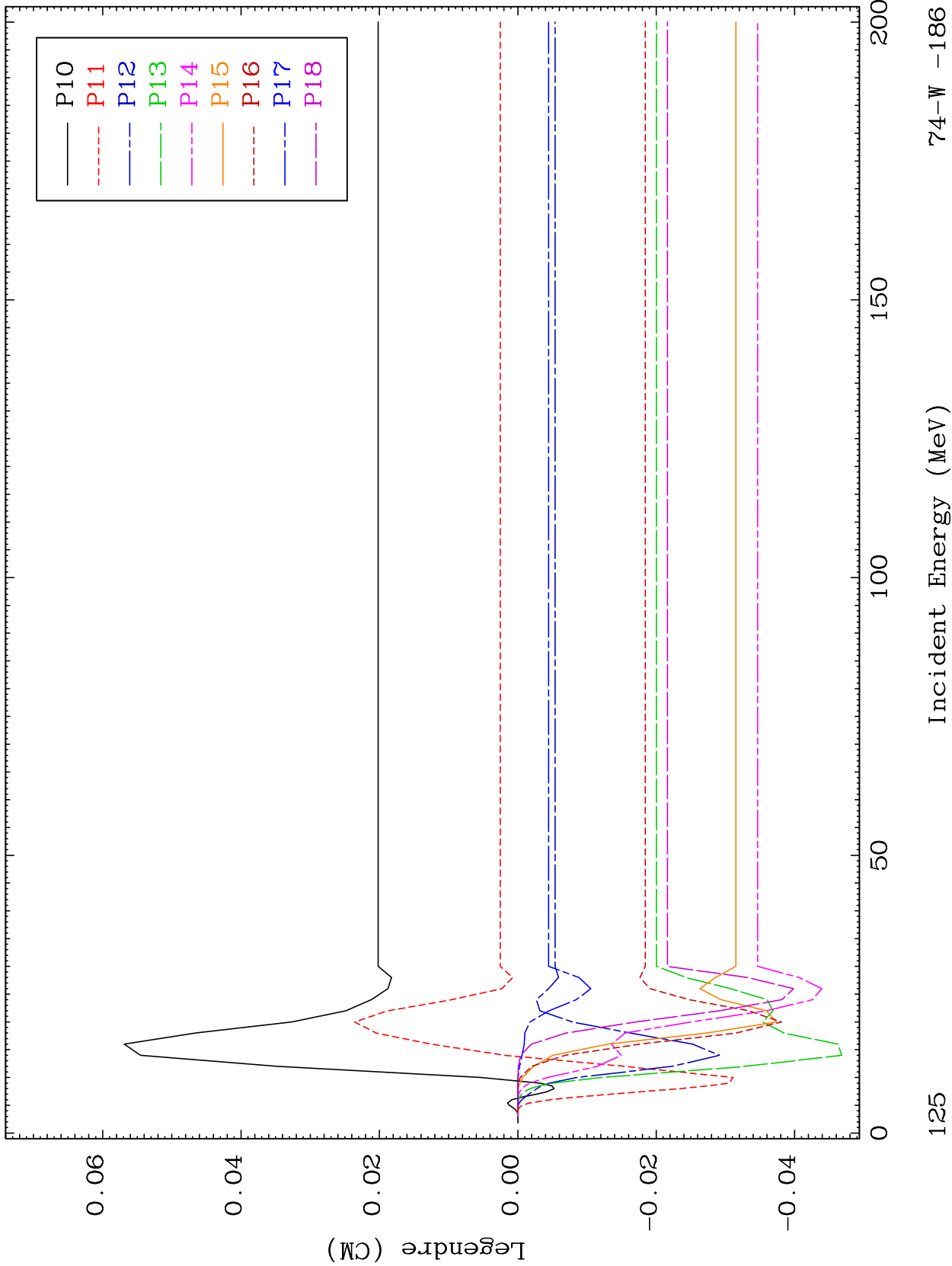
Incident Energy (MeV)

124

MAT 7443

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

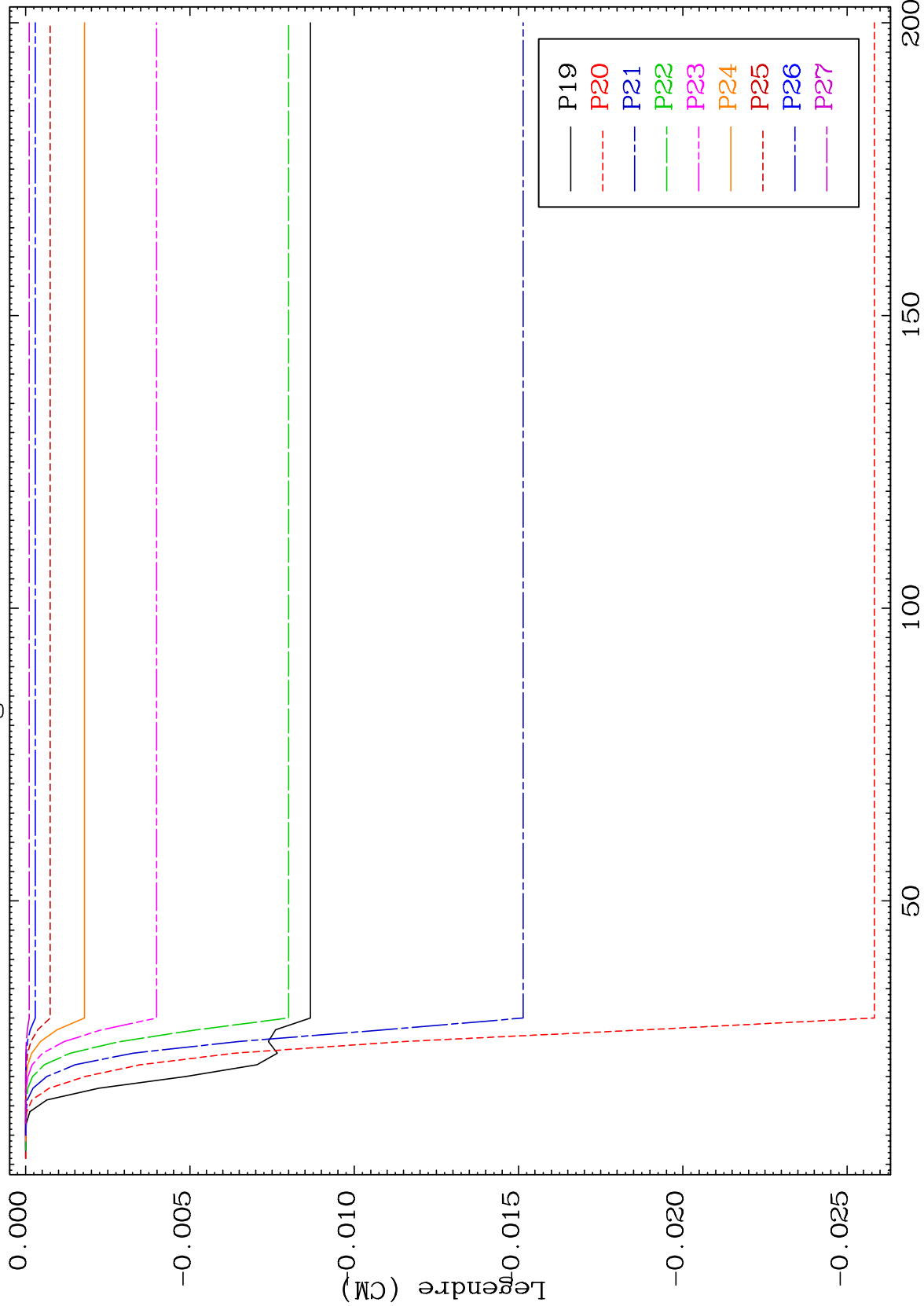
74-W -186



74-W -186

Incident Energy (MeV)

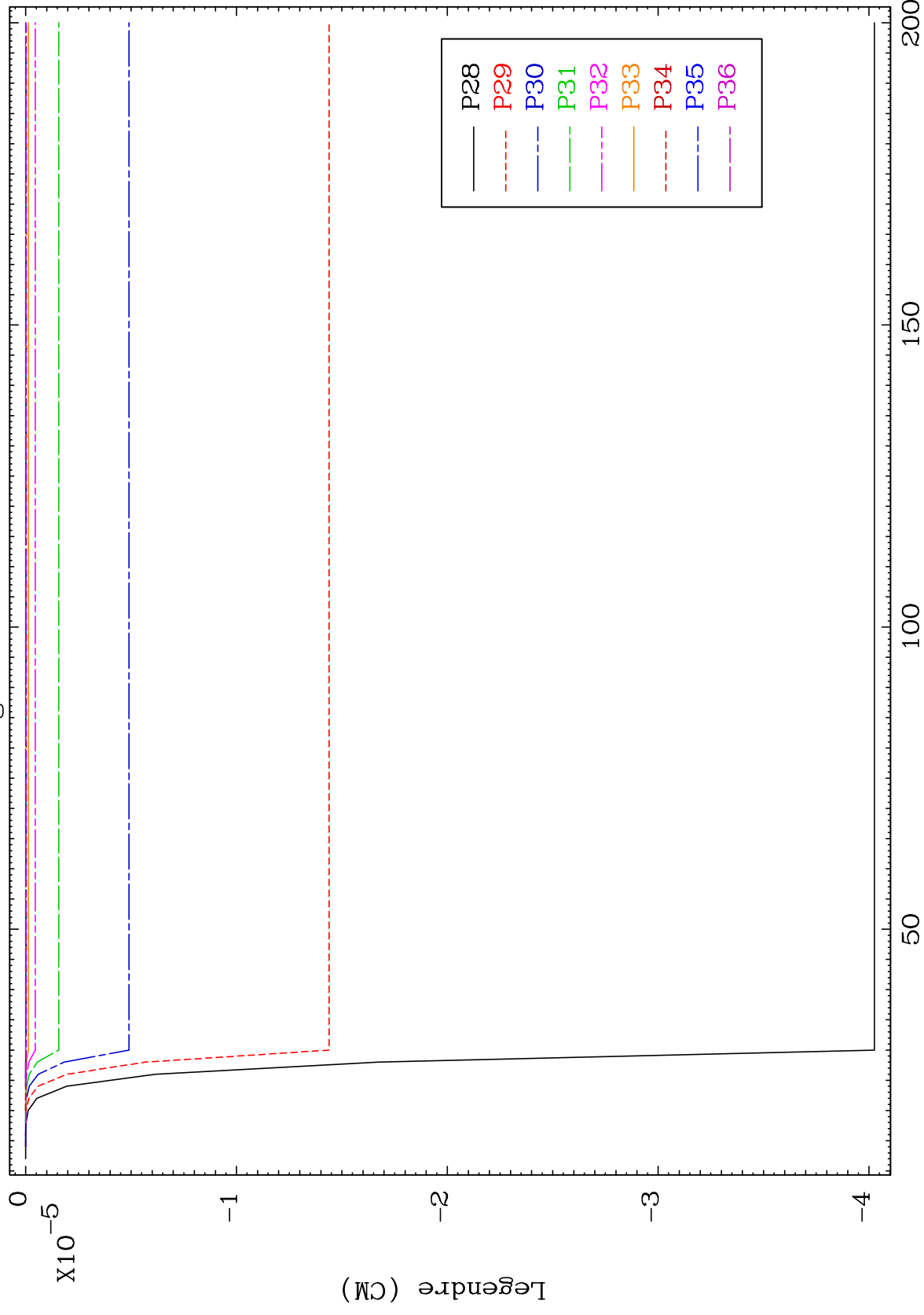
125



MAT 7443

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

74-W -186



127

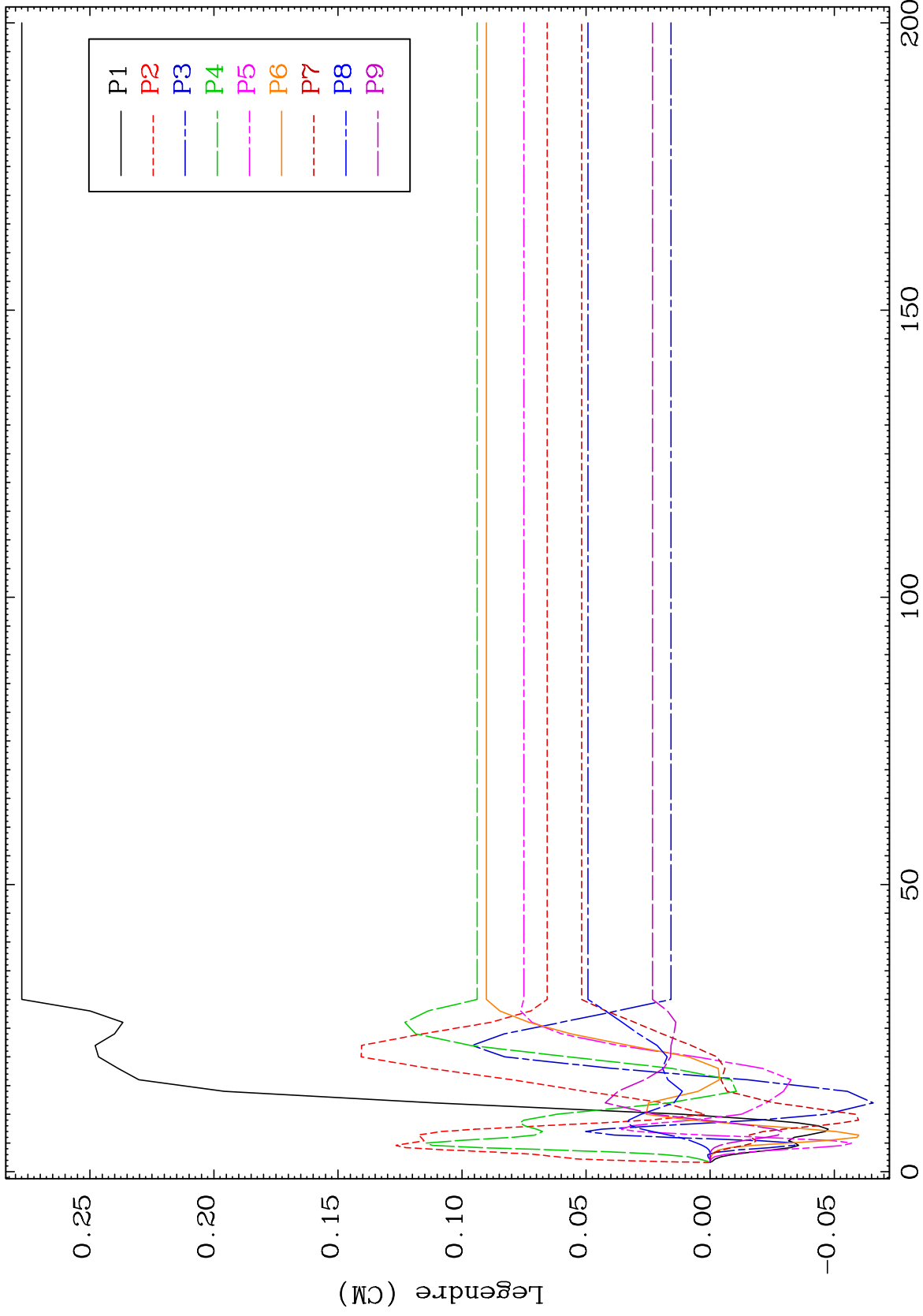
Incident Energy (MeV)

74-W -186

MAT 7443

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

74-W -186



128

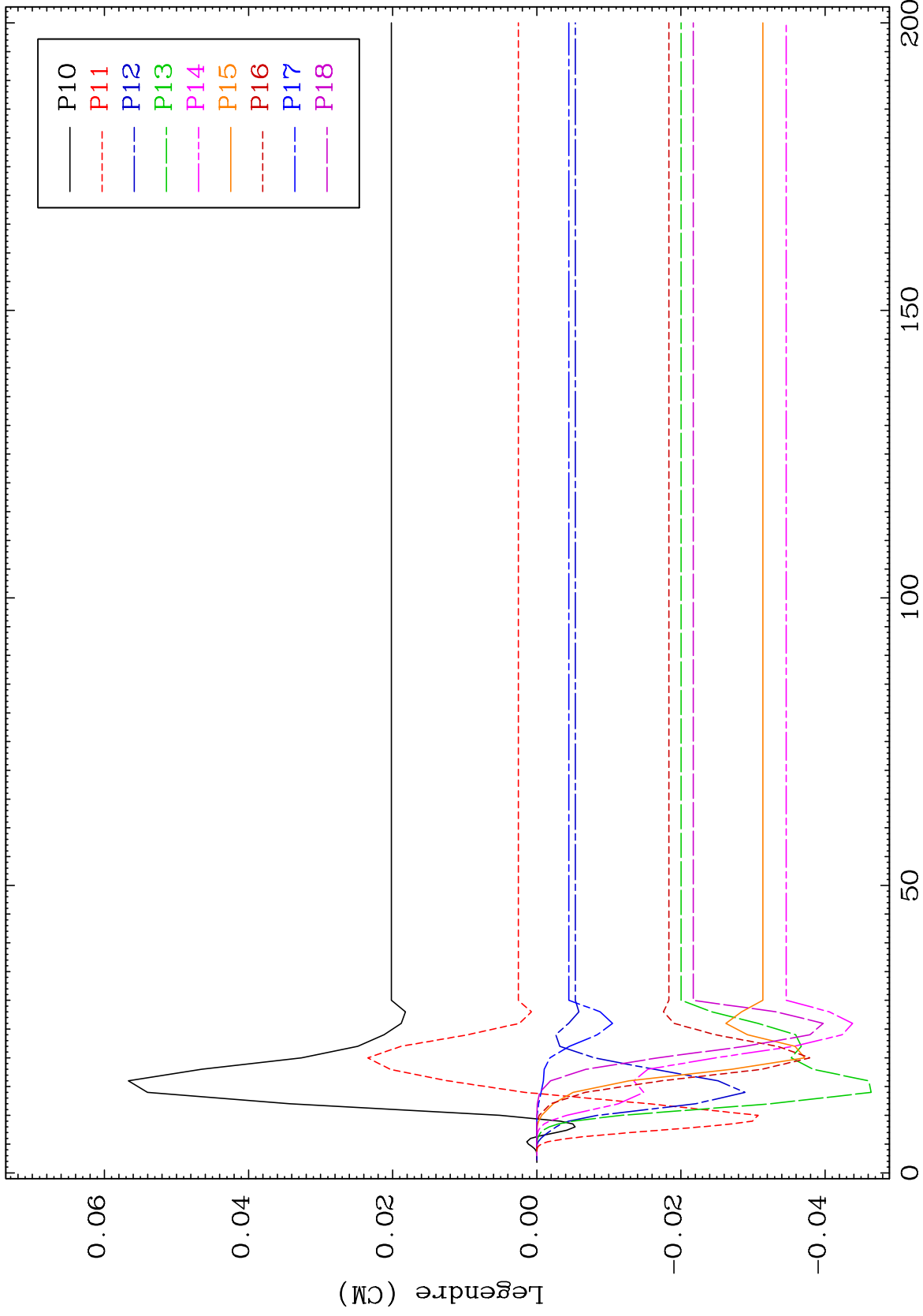
Incident Energy (MeV)

74-W -186

MAT 7443

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

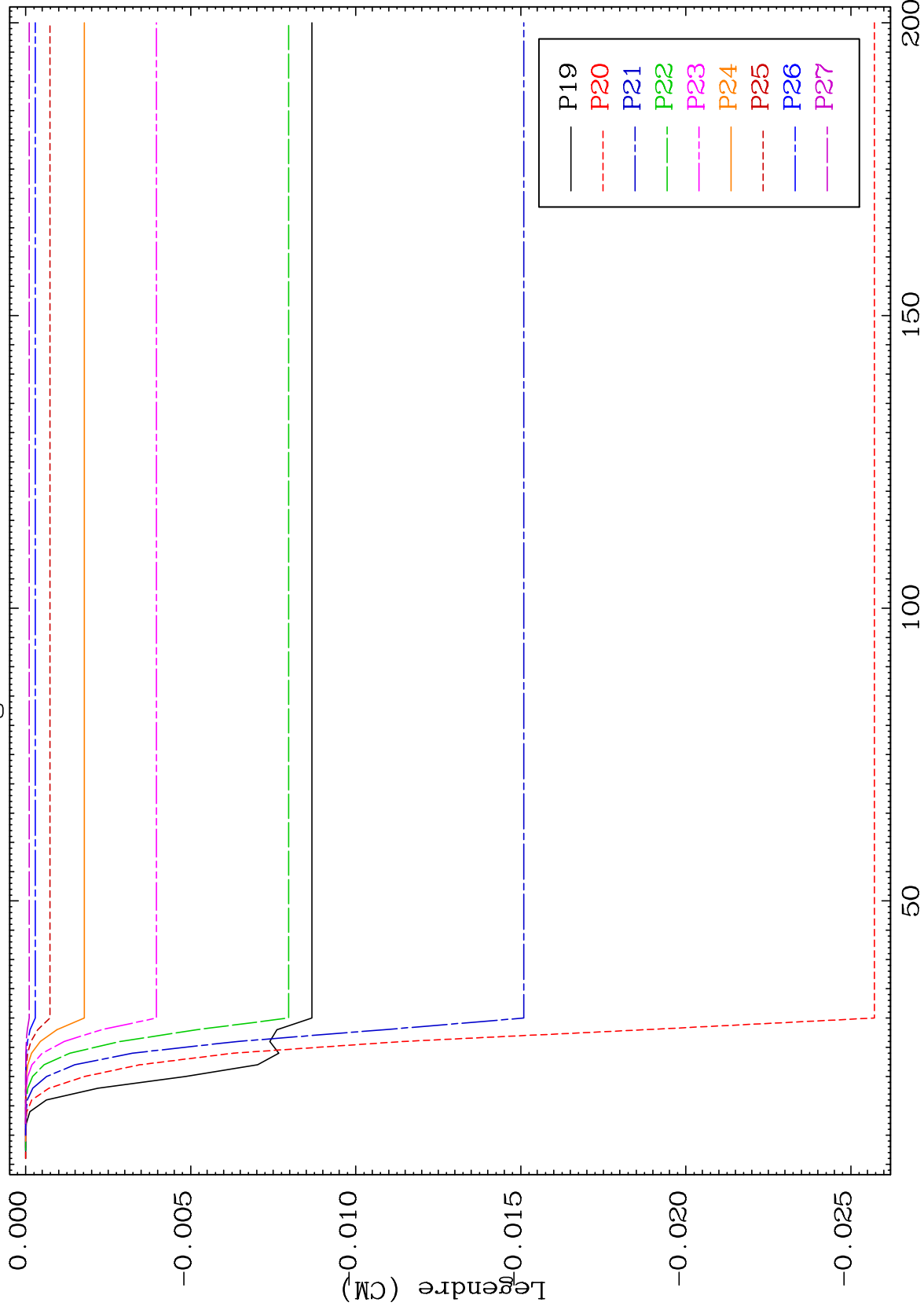
74-W -186



129

Incident Energy (MeV)

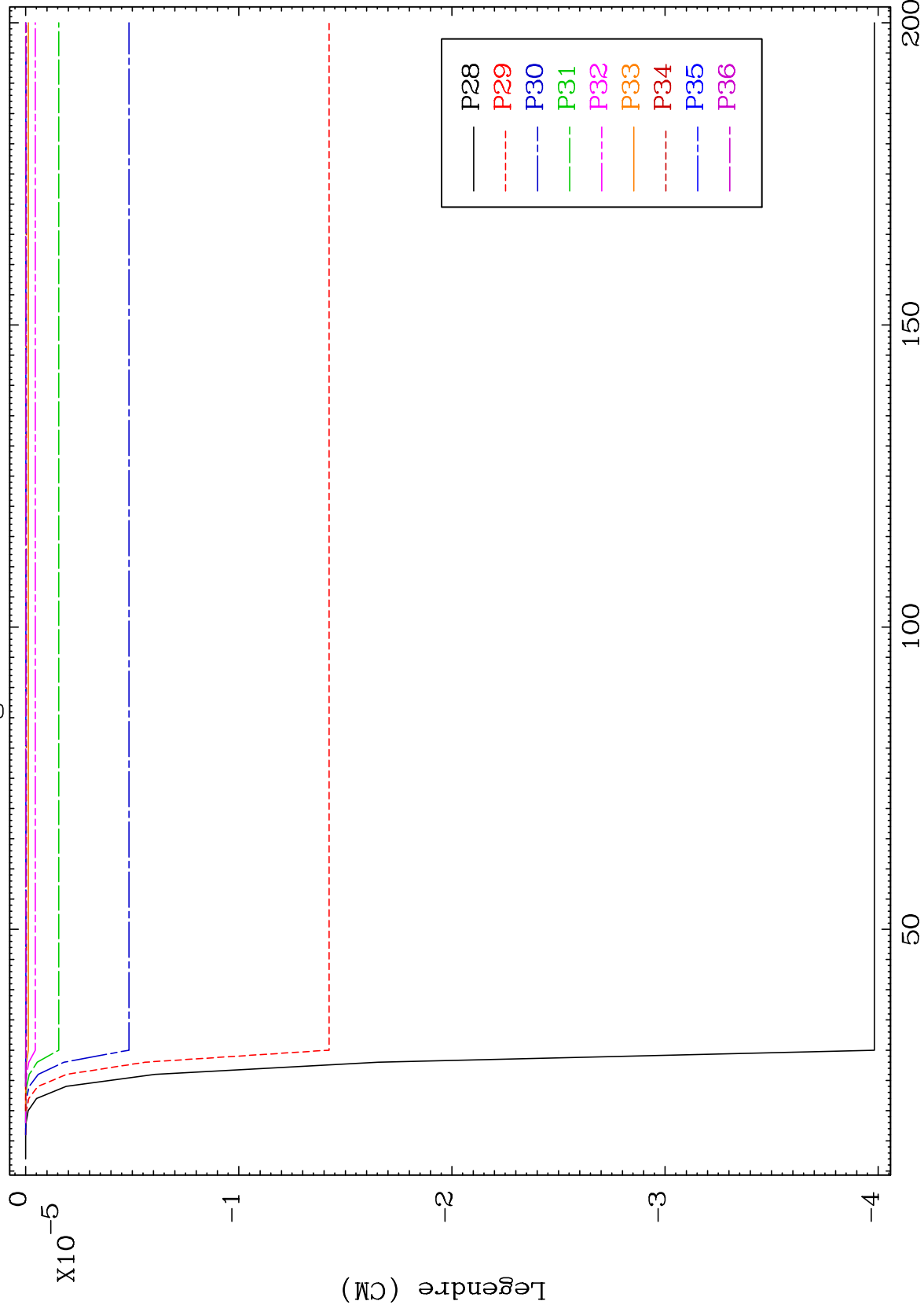
74-W -186



MAT 7443

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

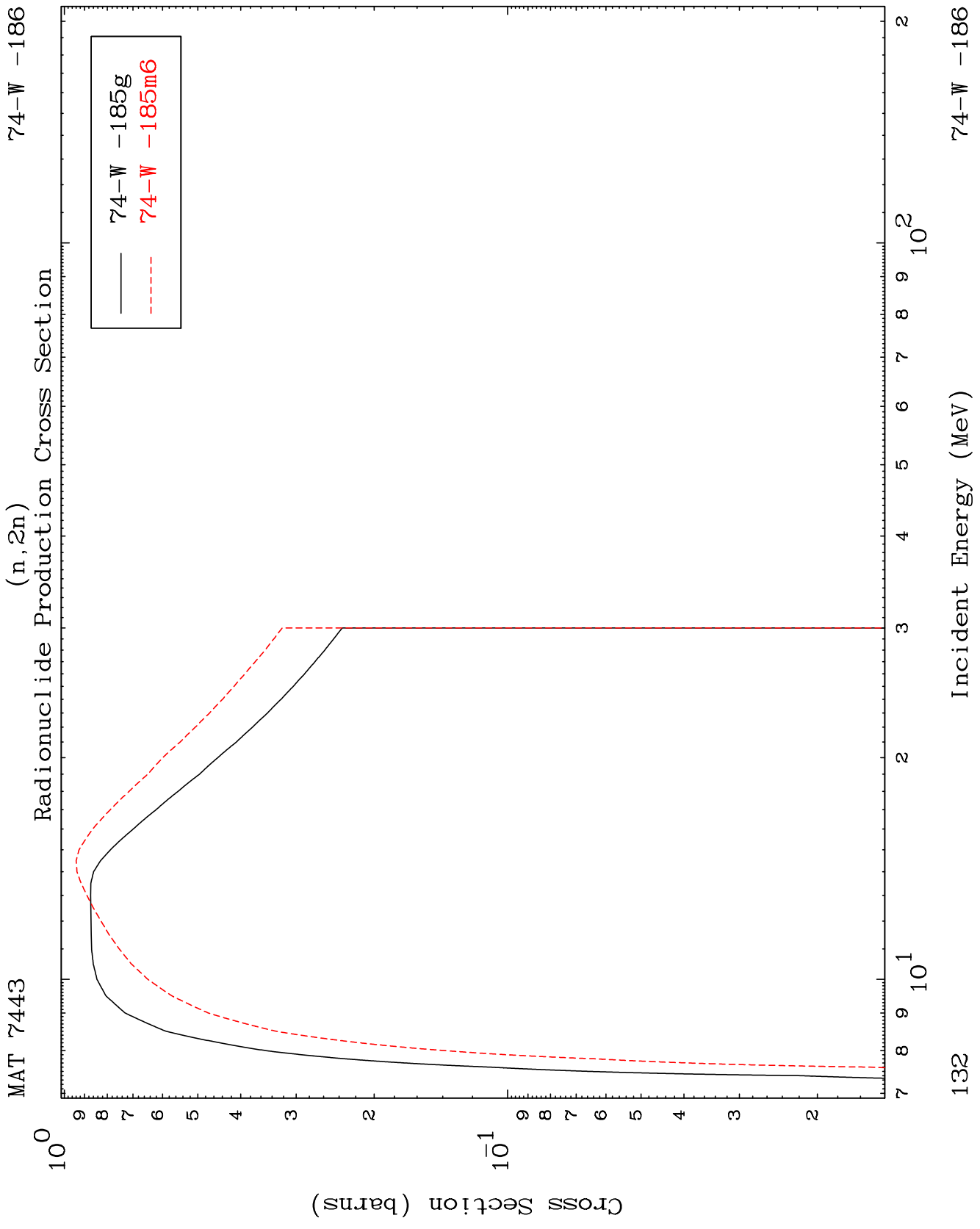
74-W -186



131

Incident Energy (MeV)

74-W -186

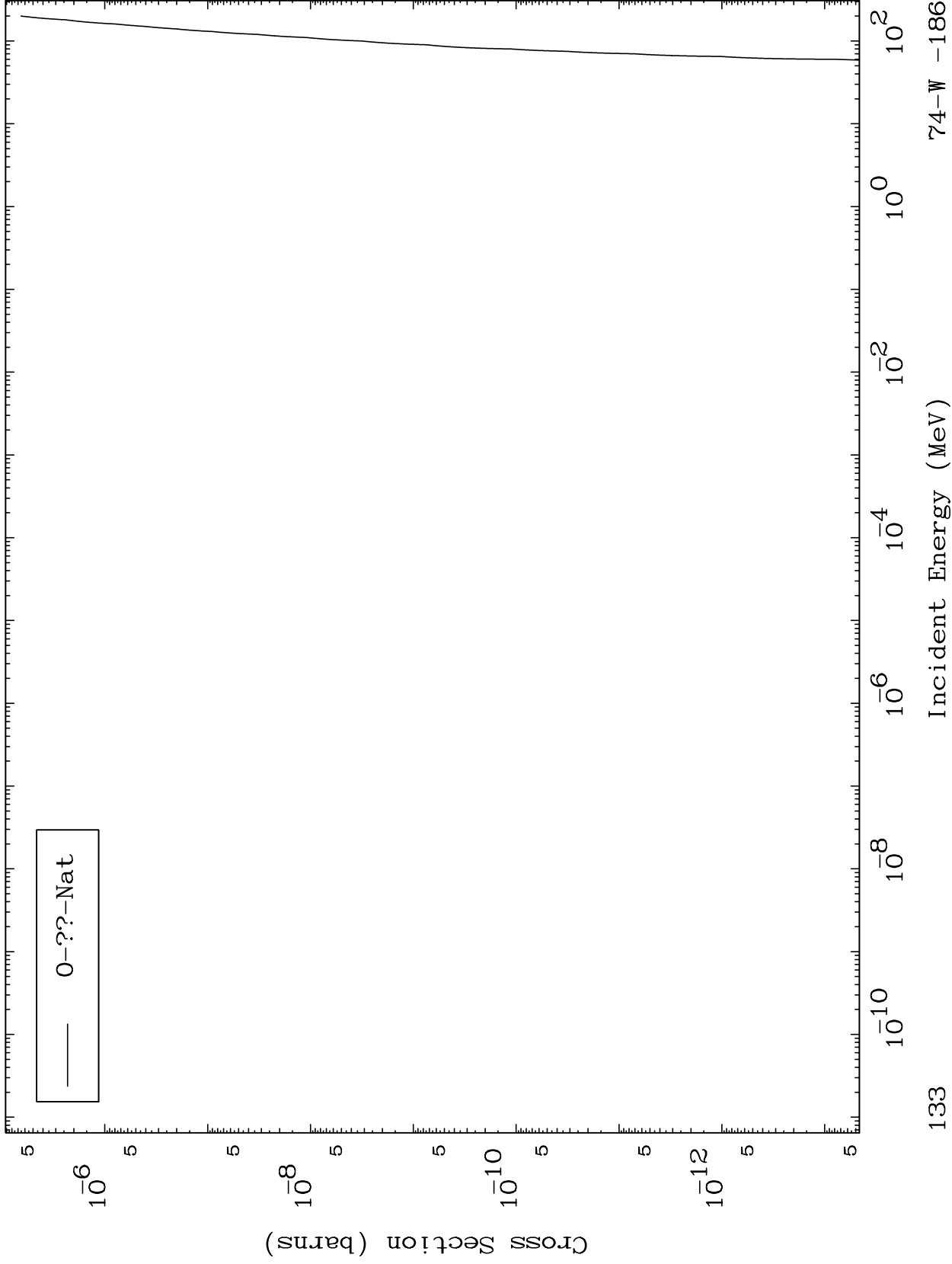


MAT 7443

Fission

74-W -186

Radionuclide Production Cross Section



133

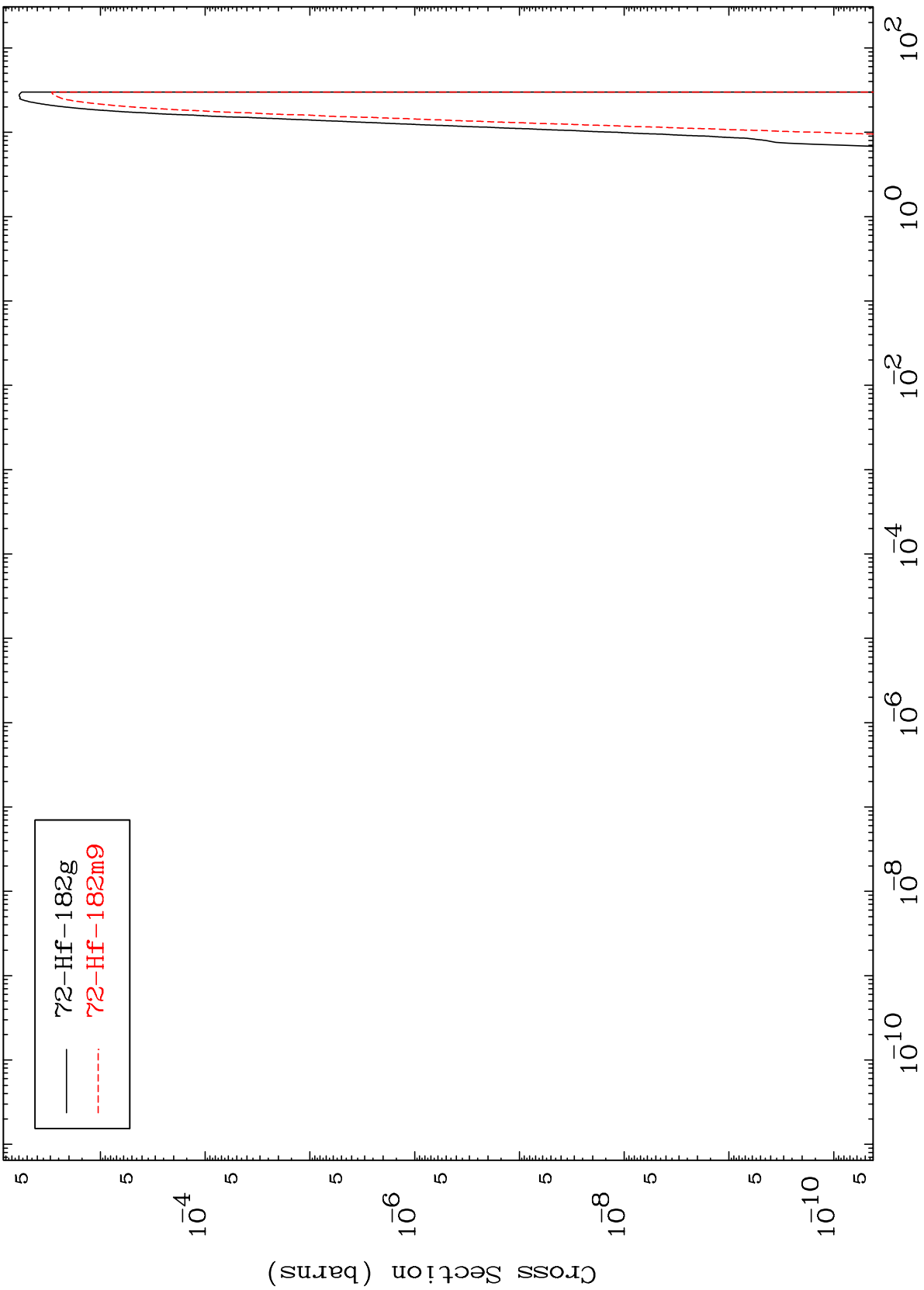
74-W -186

MAT 7443

(n,n') α

74-W -186

Radionuclide Production Cross Section



— 72-Hf-182g
- - - 72-Hf-182m9

134

Incident Energy (MeV)

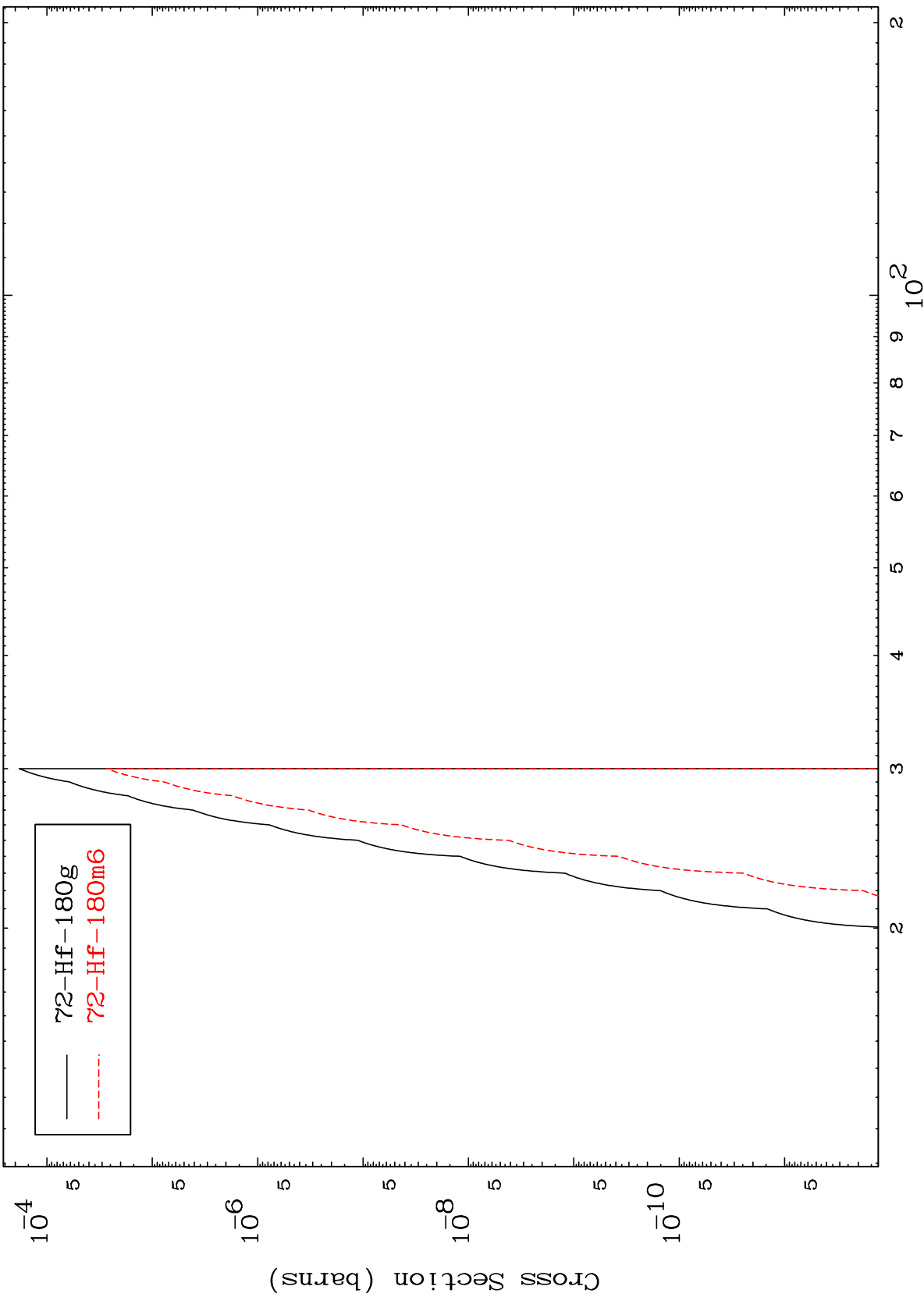
74-W -186

MAT 7443

(n,3n) α

74-W -186

Radionuclide Production Cross Section



135

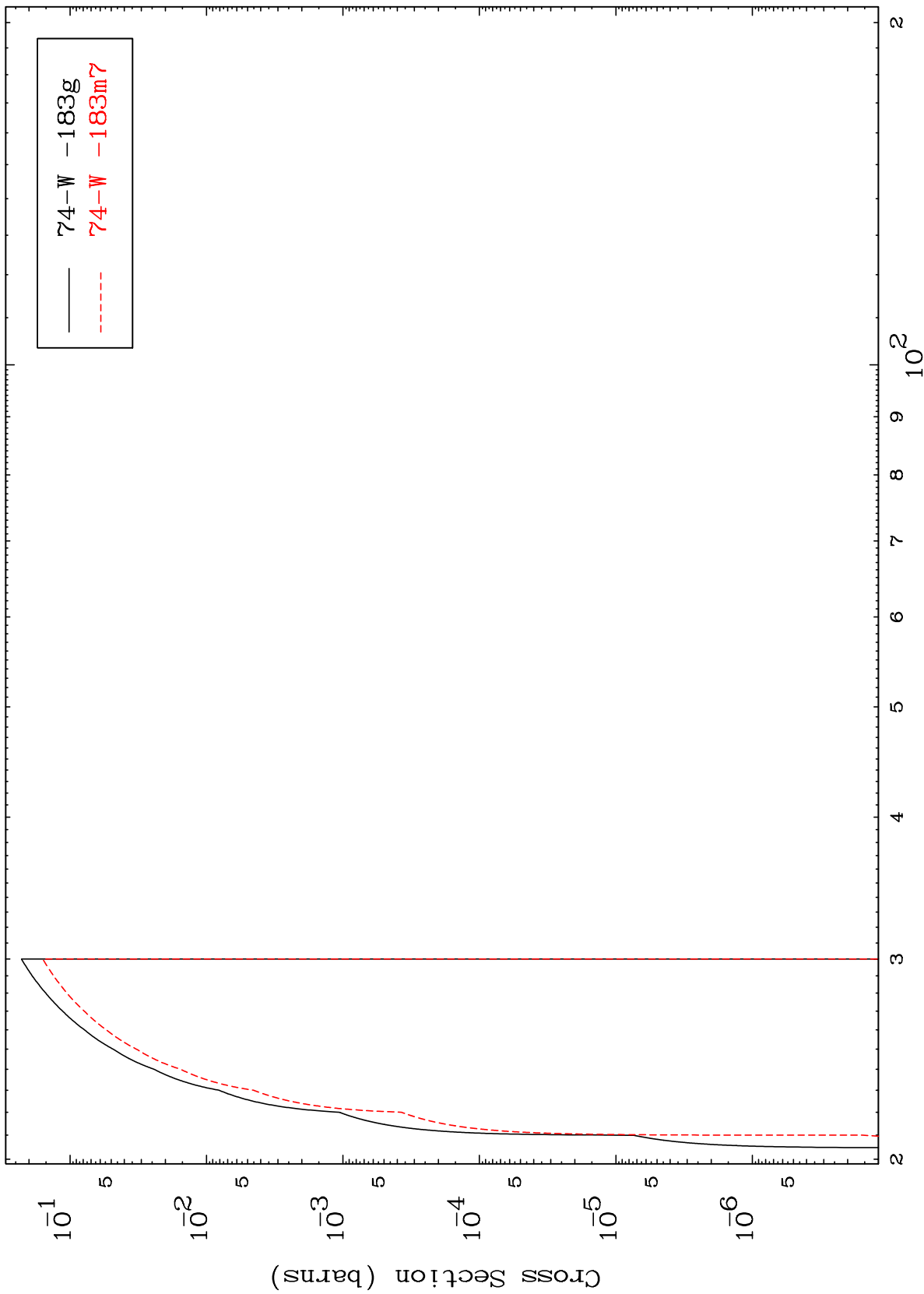
Incident Energy (MeV)

74-W -186

MAT 7443

74-W -186

(n,4n)
Radionuclide Production Cross Section

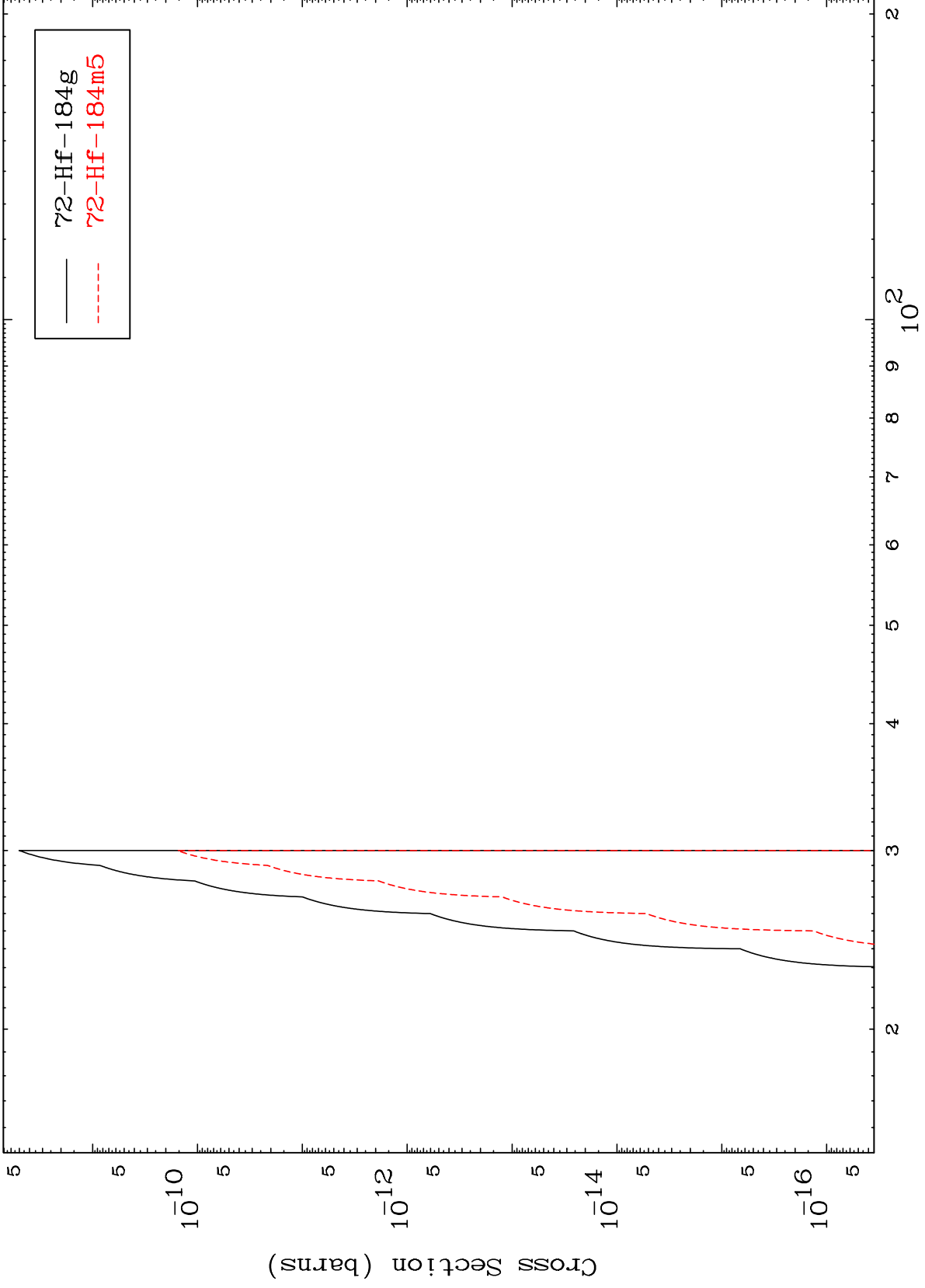


74-W -186

Incident Energy (MeV)

136

Radionuclide Production Cross Section



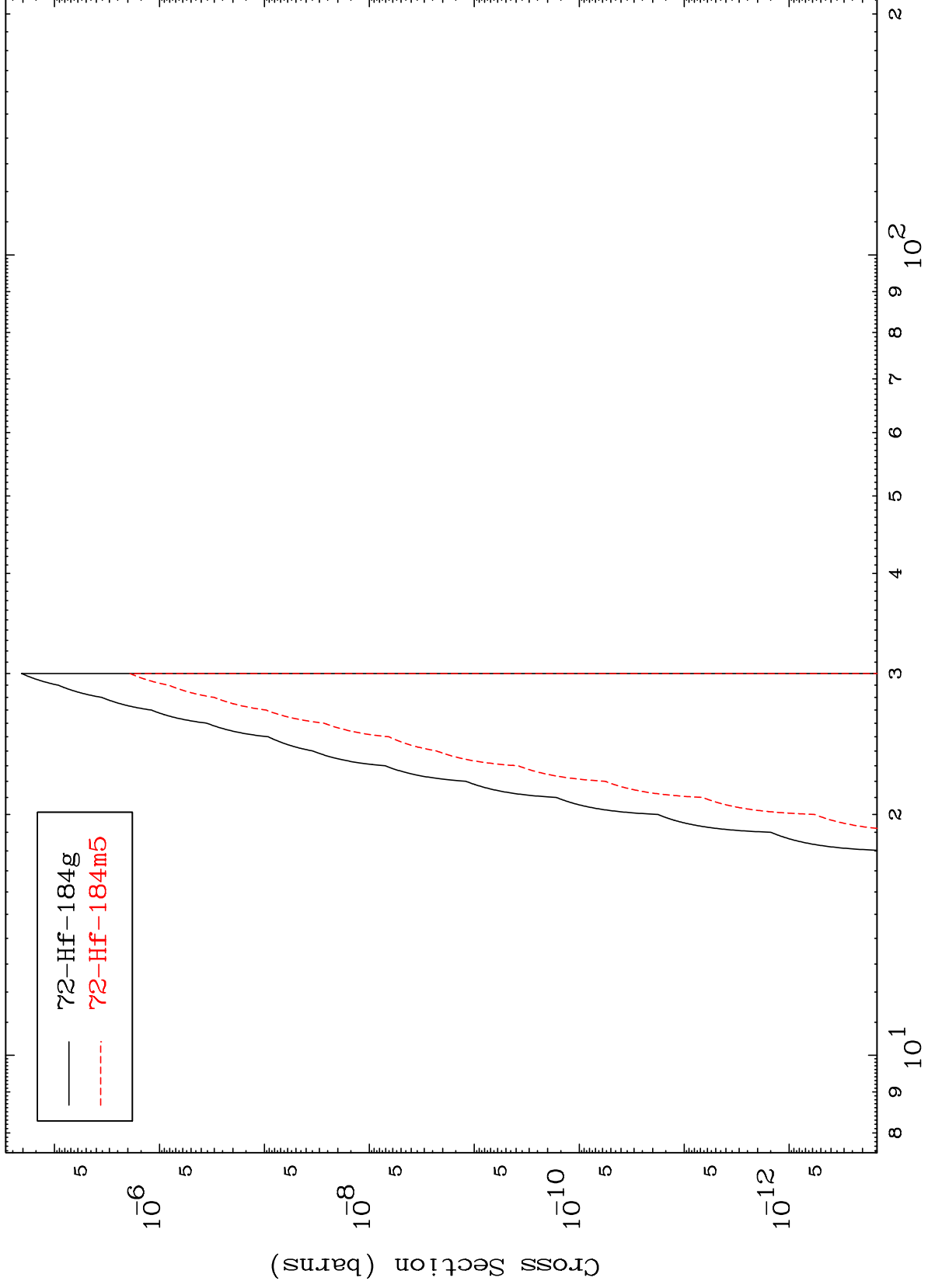
72-Hf-184g
72-Hf-184m5

MAT 7443

(n,He-3)

74-W -186

Radionuclide Production Cross Section



138

Incident Energy (MeV)

74-W -186