

Program EVALPLOT
(Version 2021-1)

by

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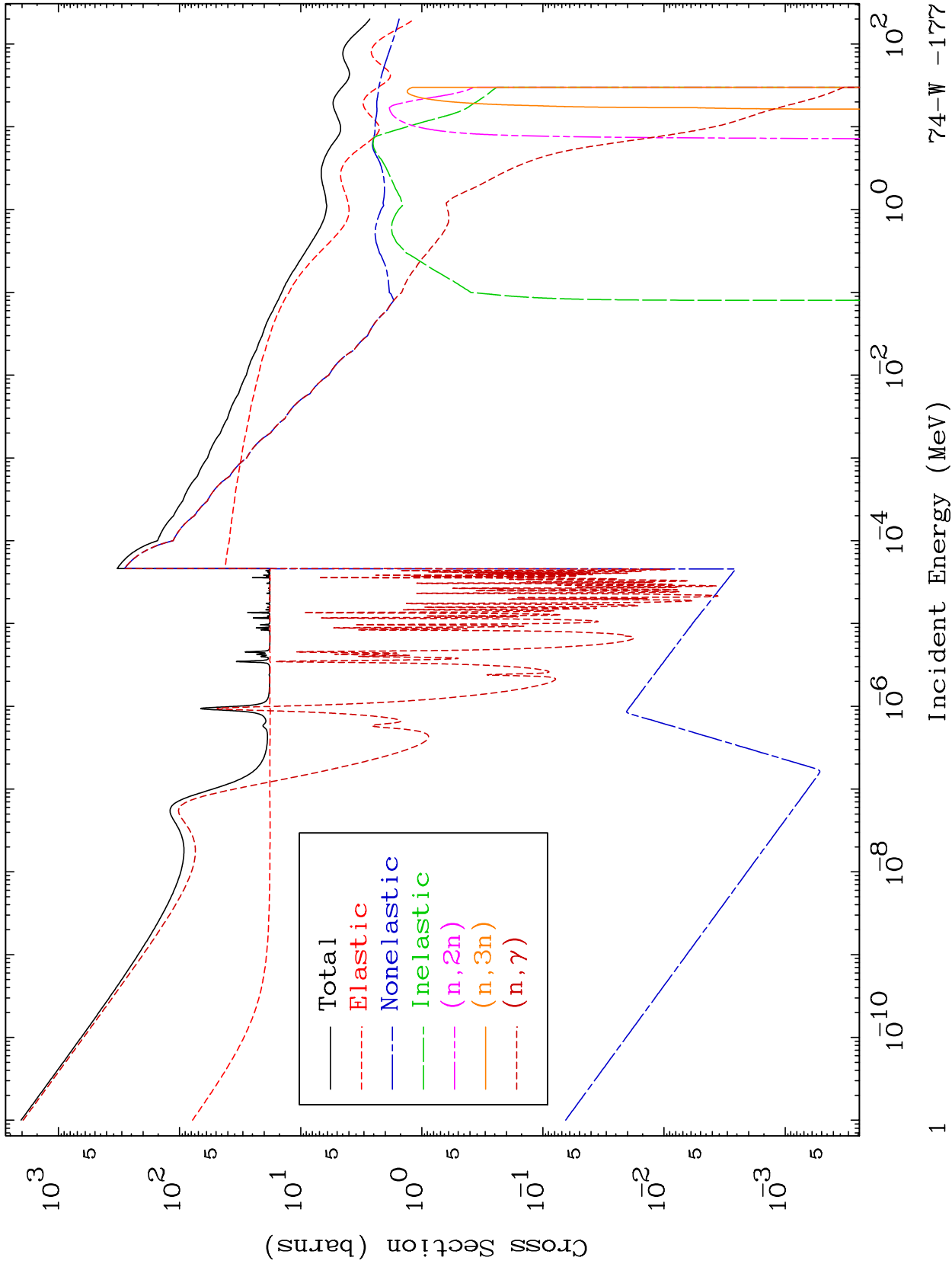
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7416

Neutron Major
293 Kelvin Cross Sections

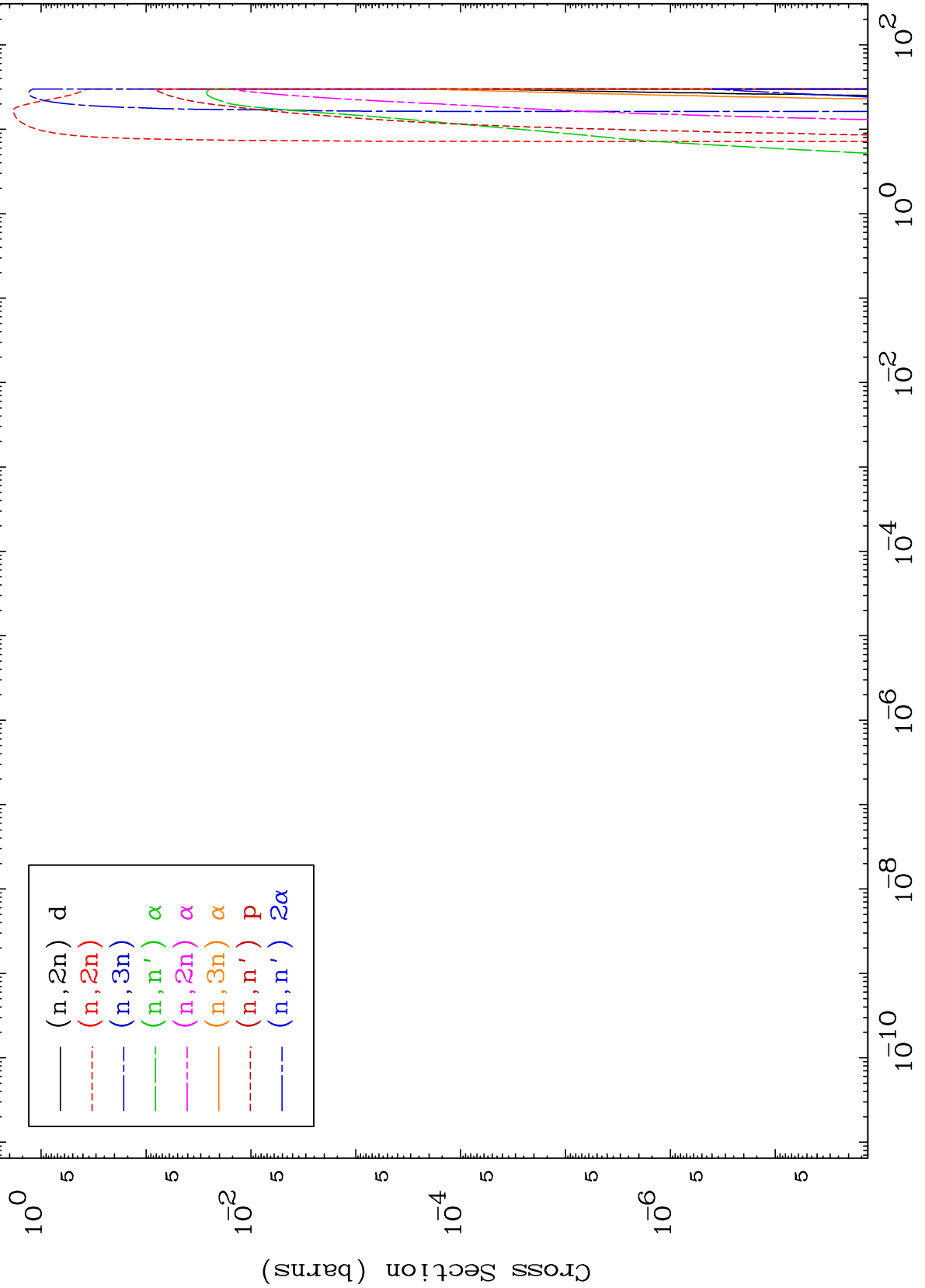
74-W -177



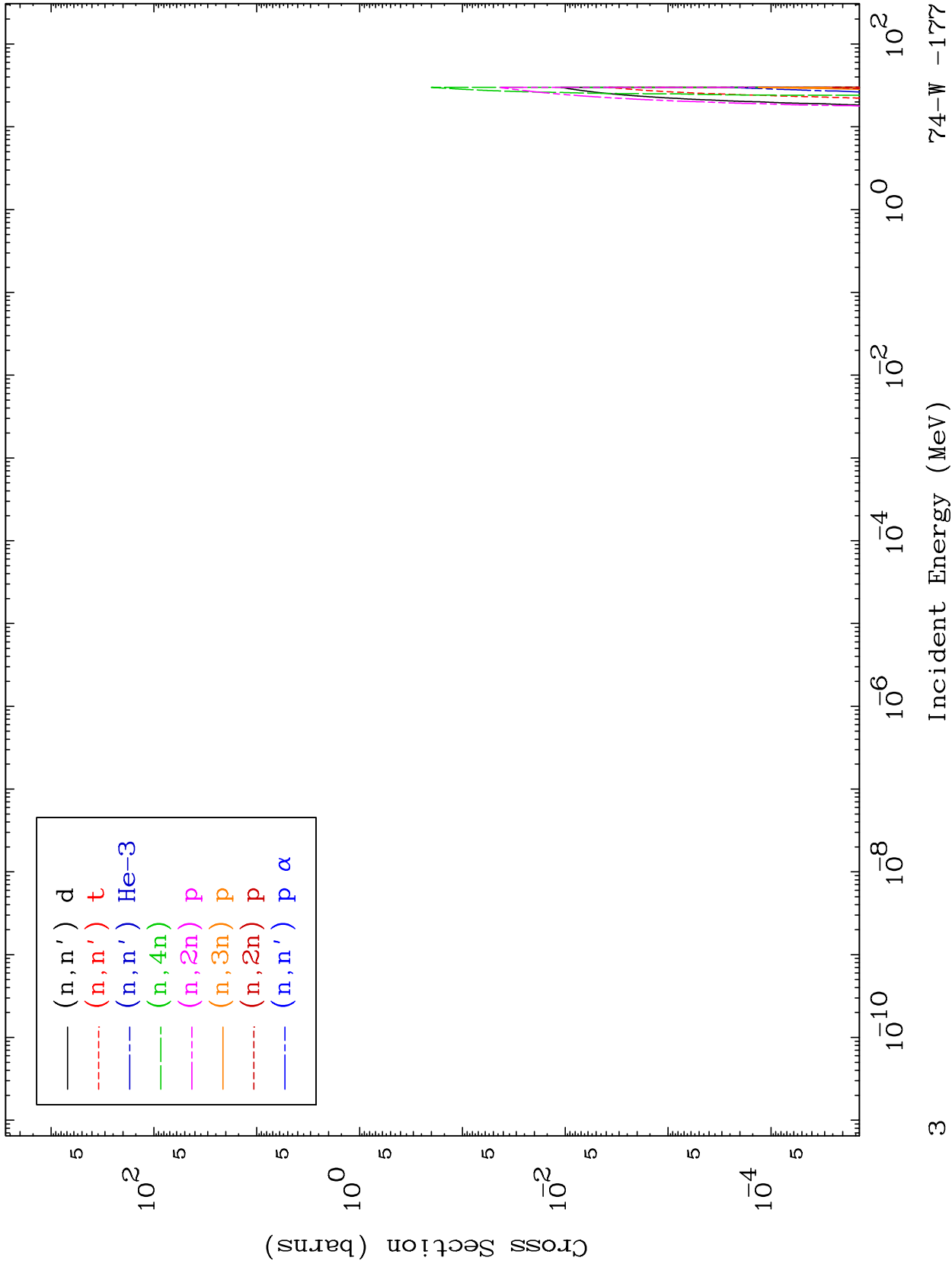
MAT 7416

Neutron Absorption
293 Kelvin Cross Sections

74-W -177



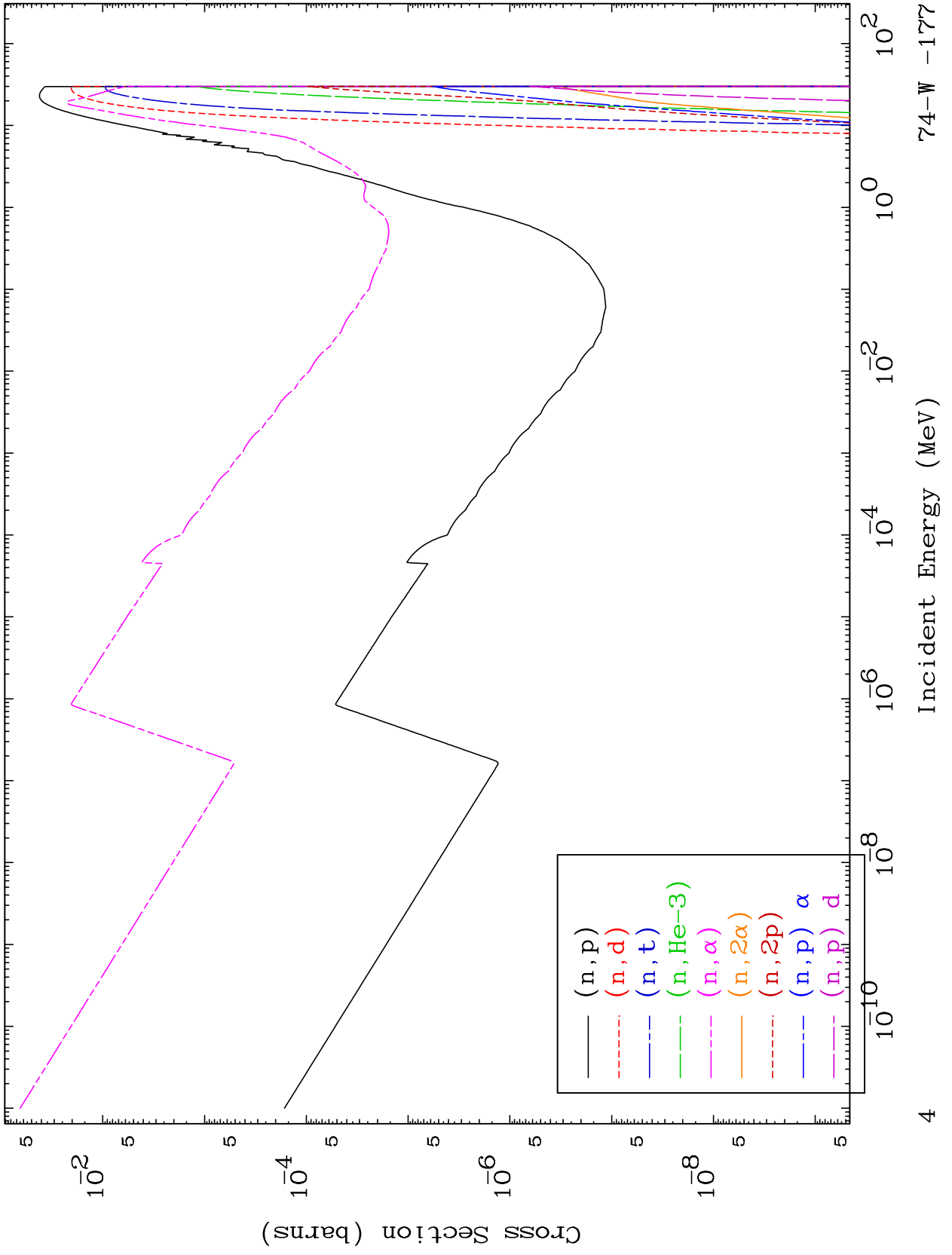
74-W -177

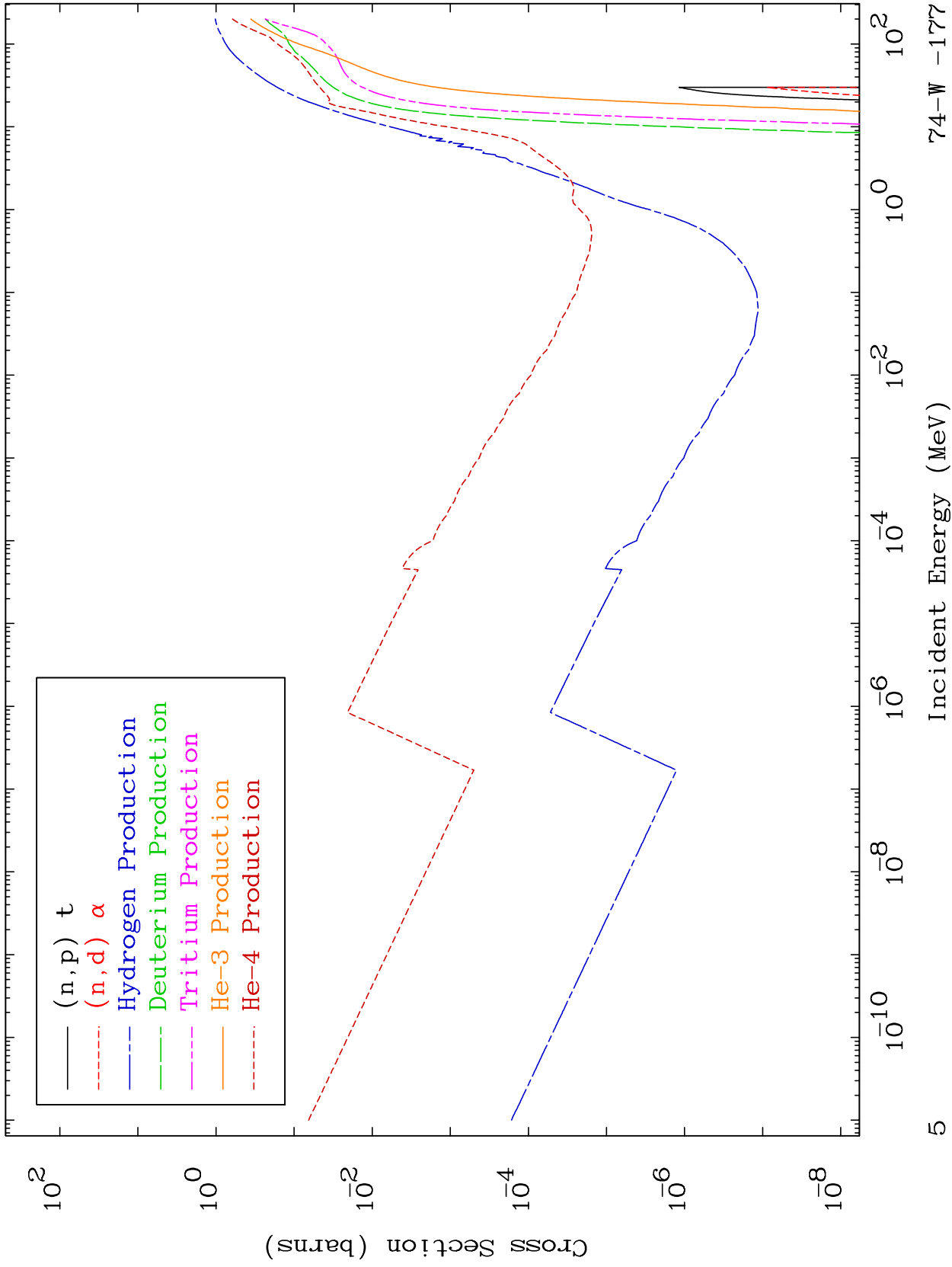


MAT 7416

Neutron Absorption
293 Kelvin Cross Sections

74-W -177

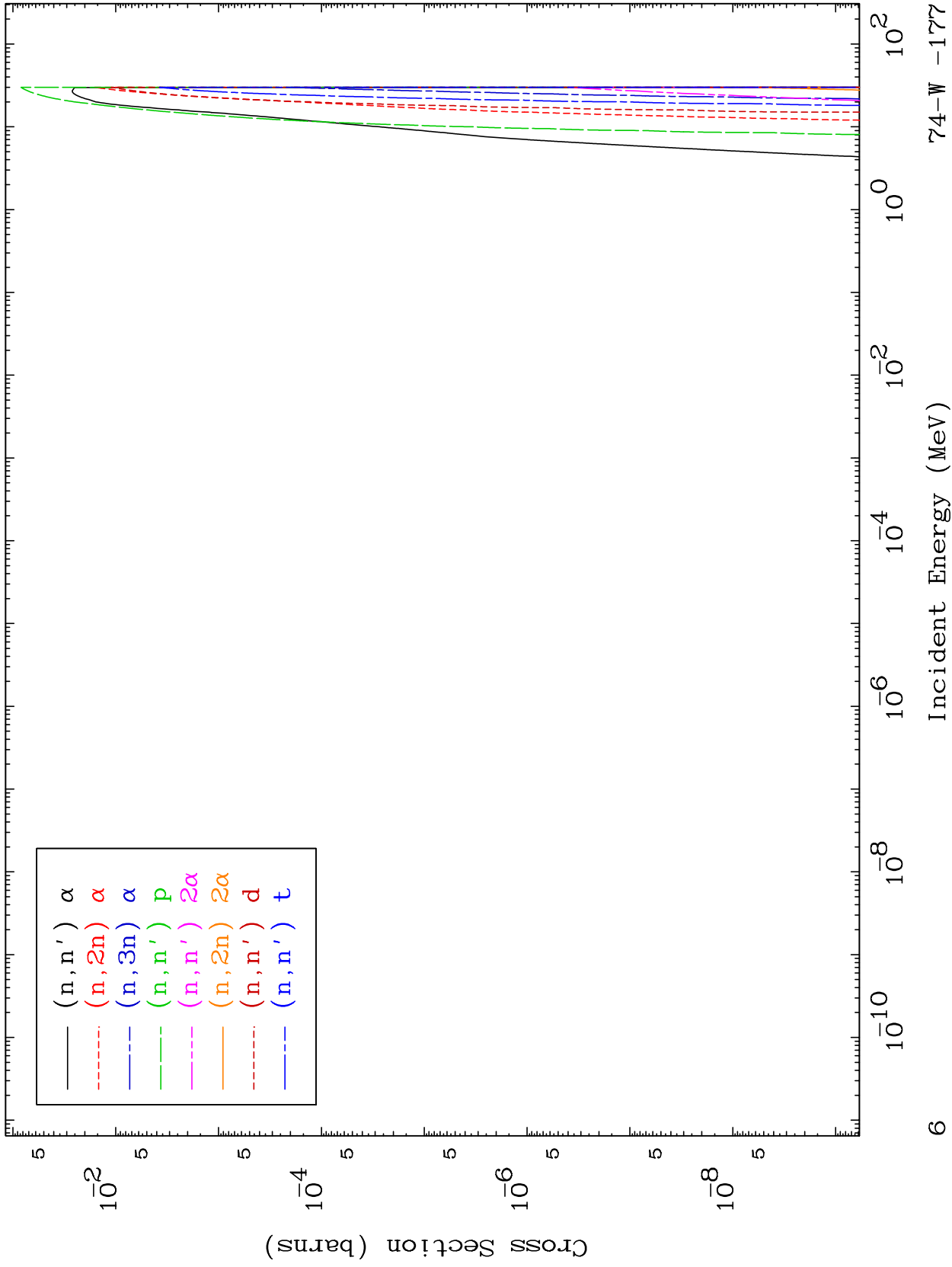


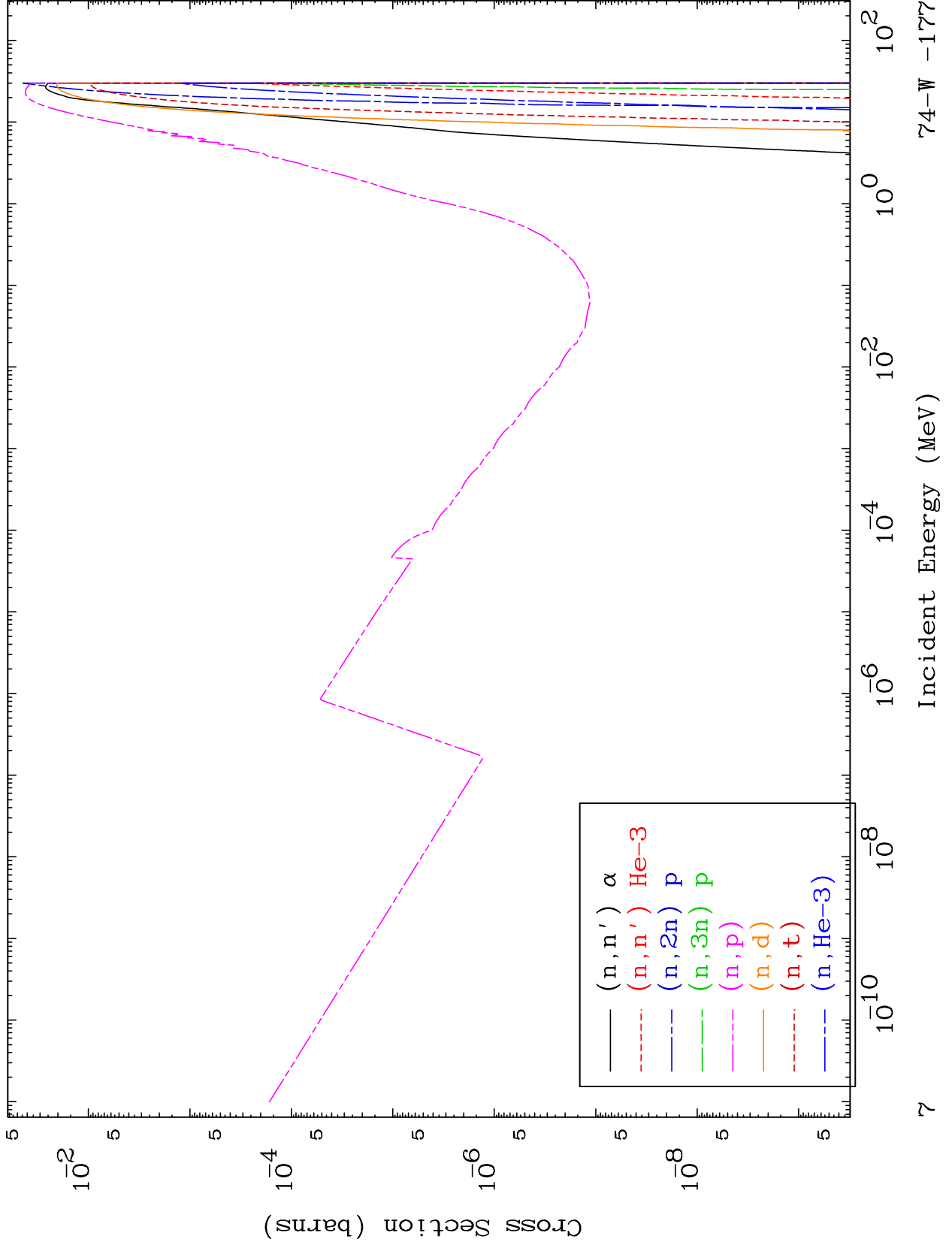


MAT 7416

Charged Particle
293 Kelvin Cross Sections

74-W -177

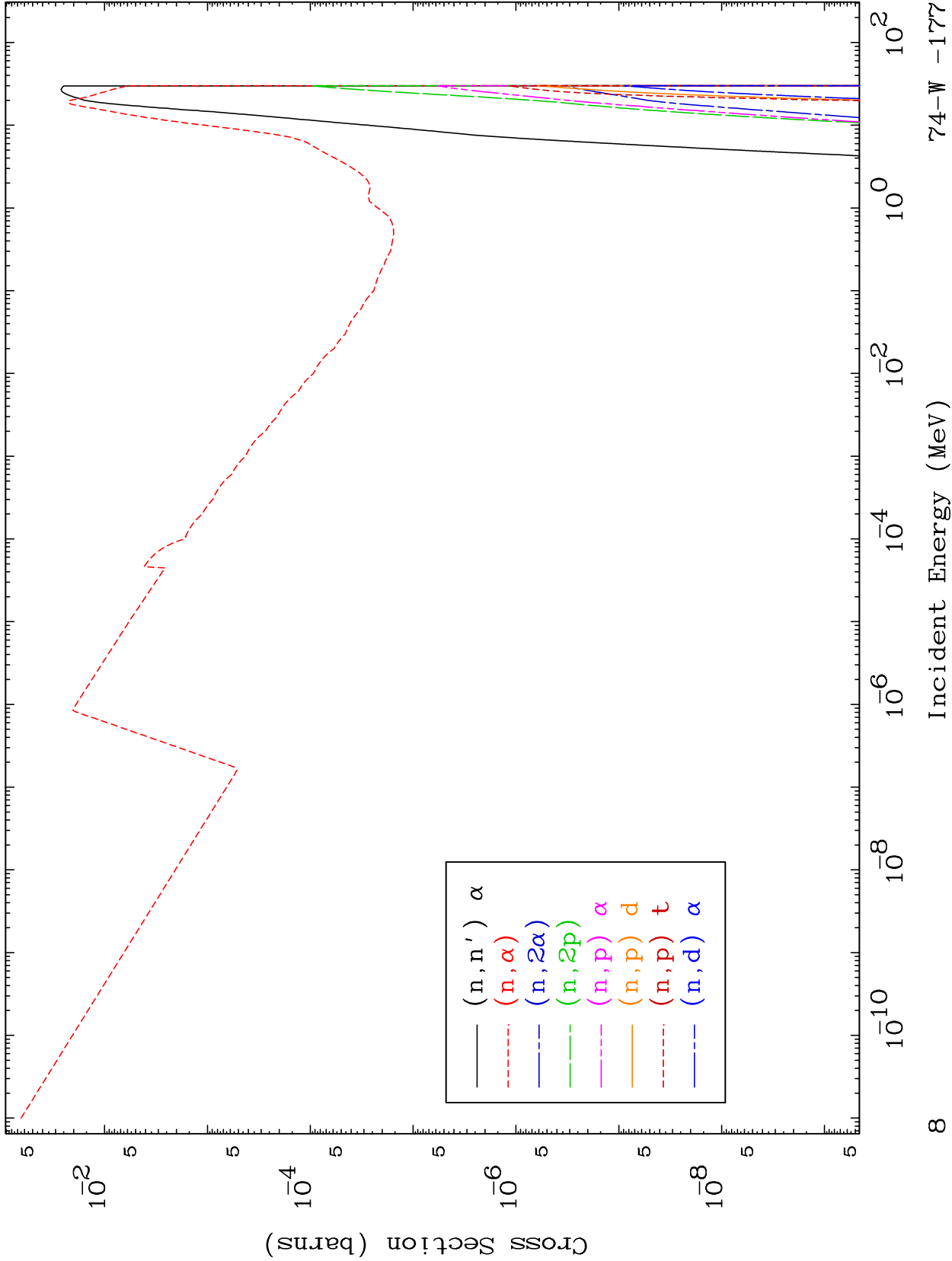


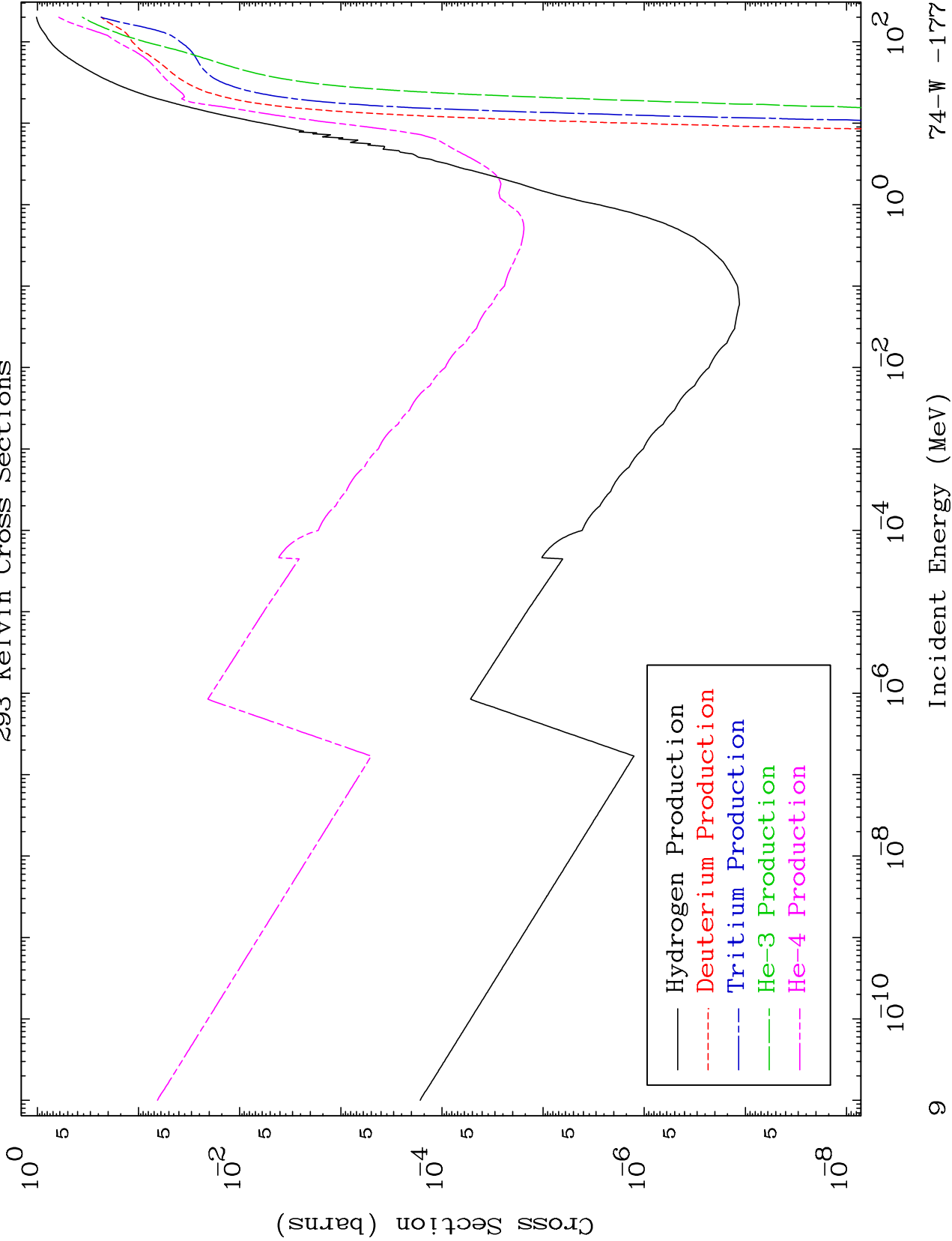


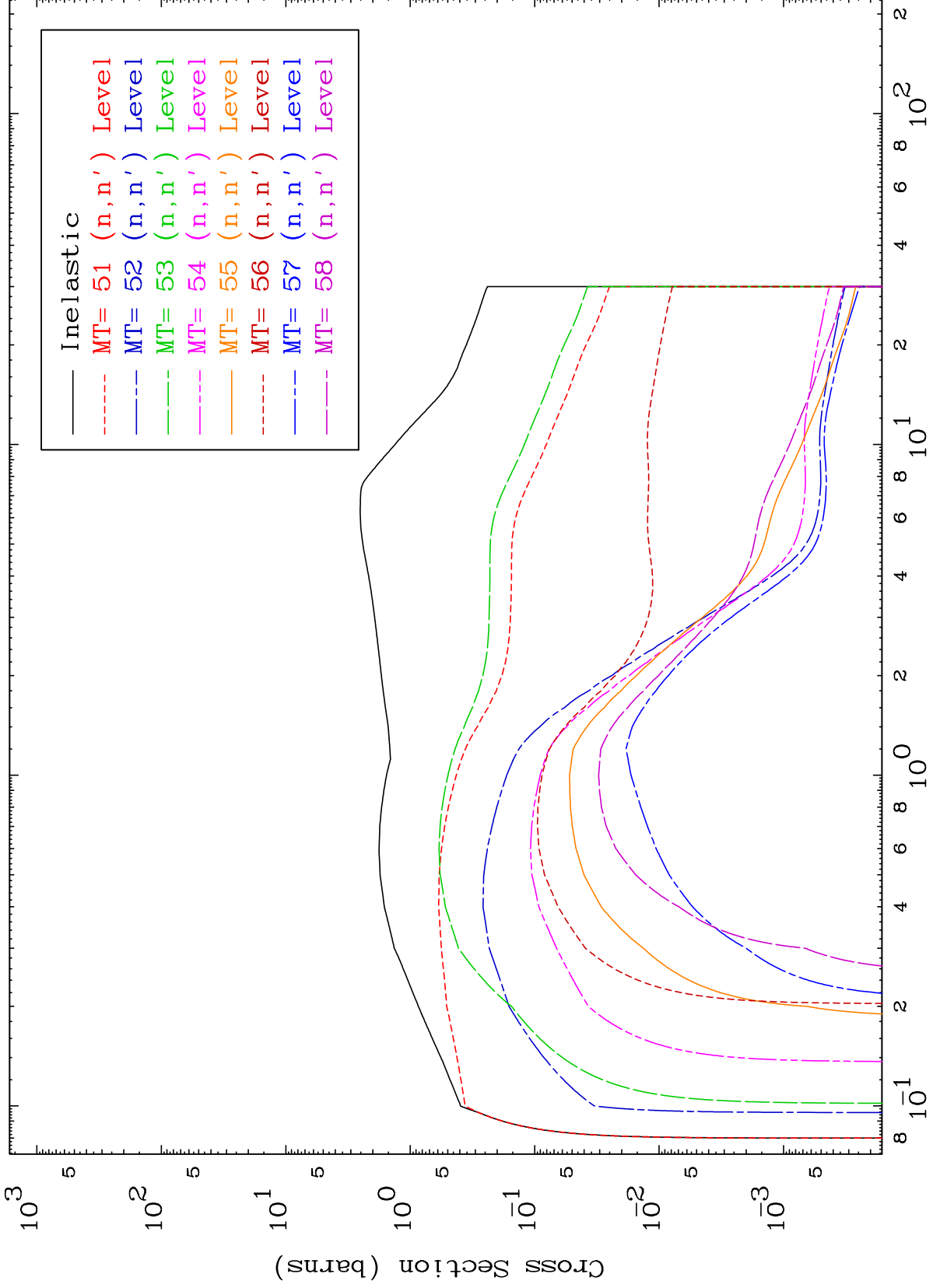
MAT 7416

Charged Particle
293 Kelvin Cross Sections

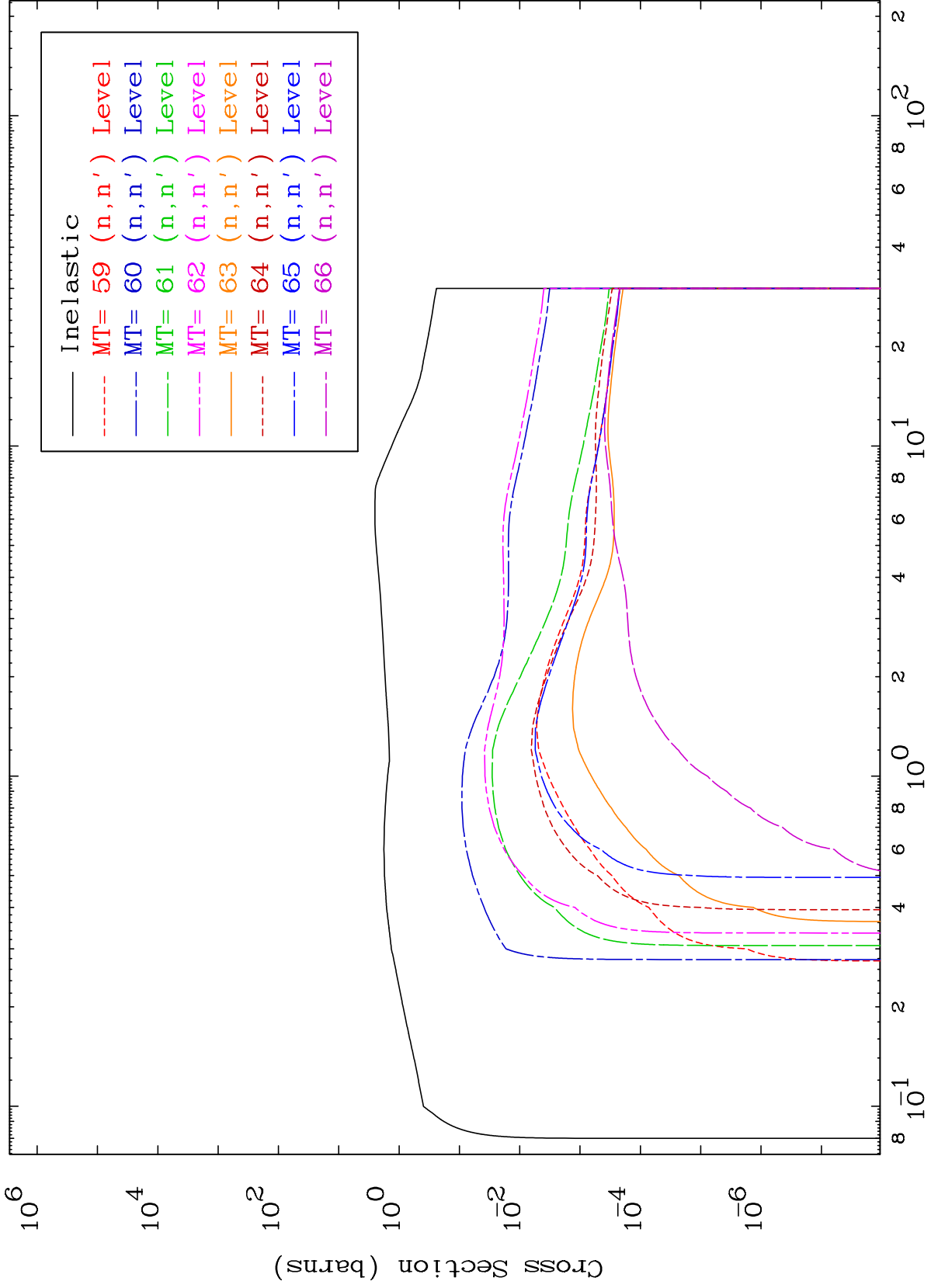
74-W -177



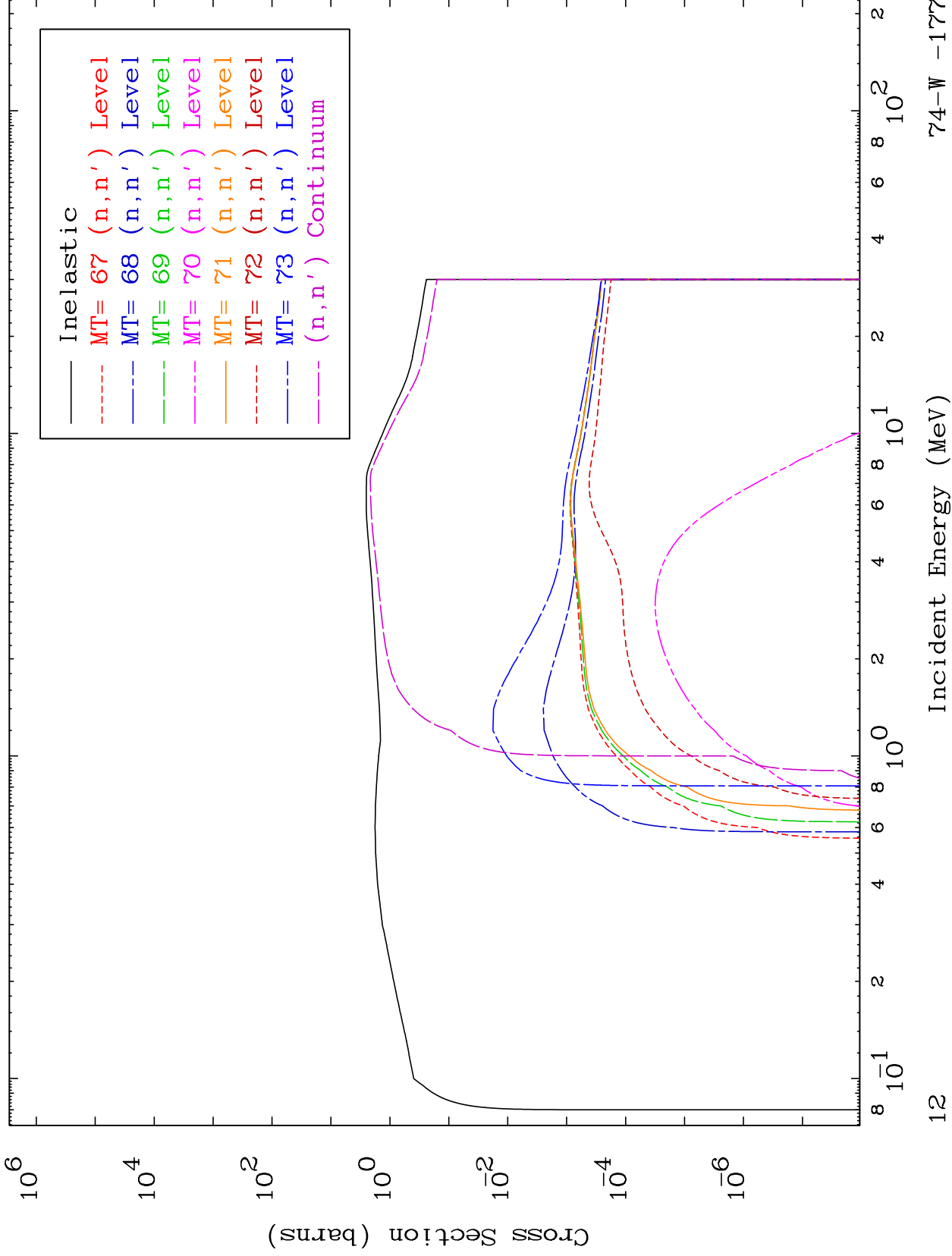




293 Kelvin Cross Sections



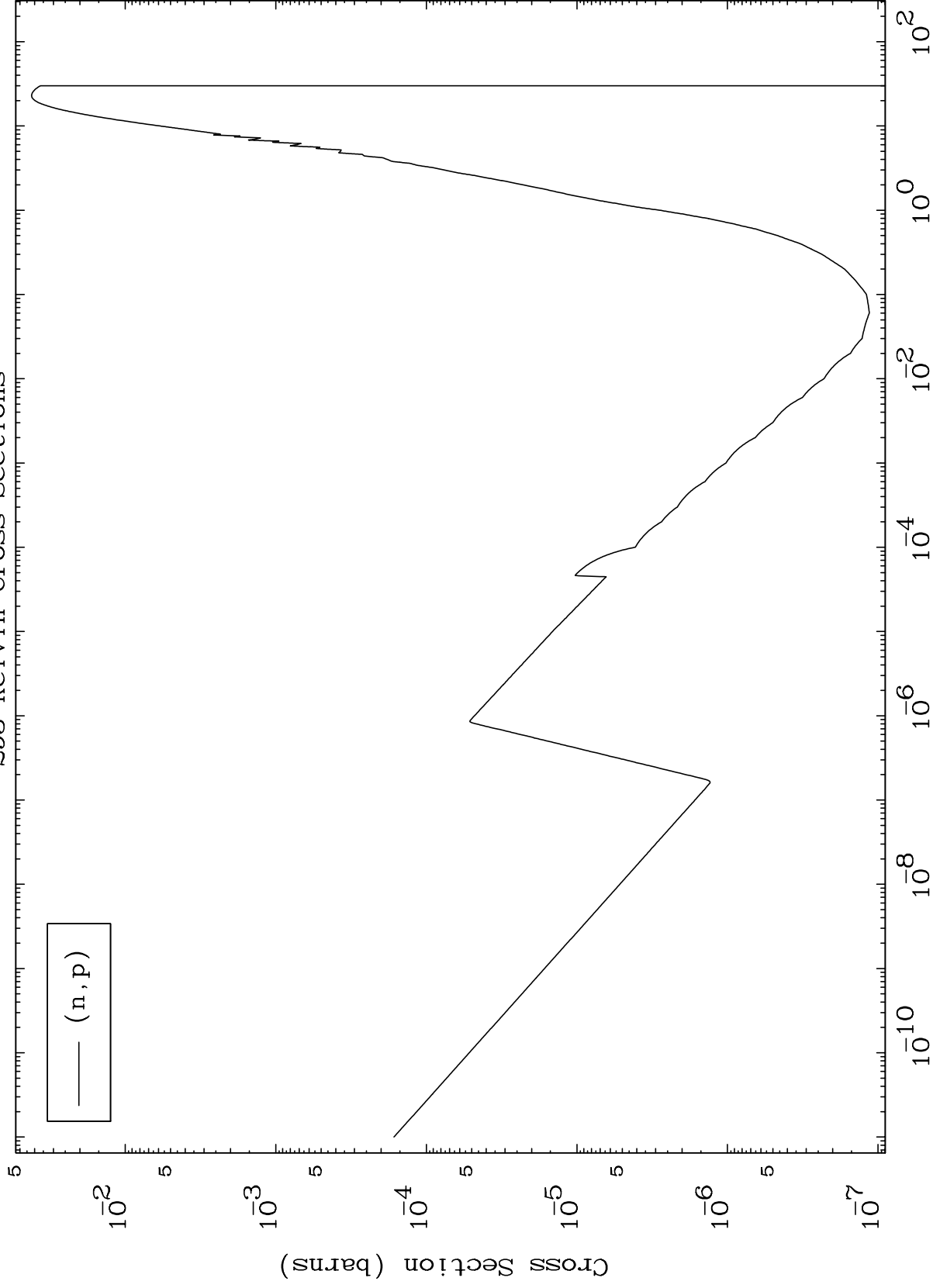
293 Kelvin Cross Sections



MAT 7416

(n,p) Levels
293 Kelvin Cross Sections

74-W -177



74-W -177

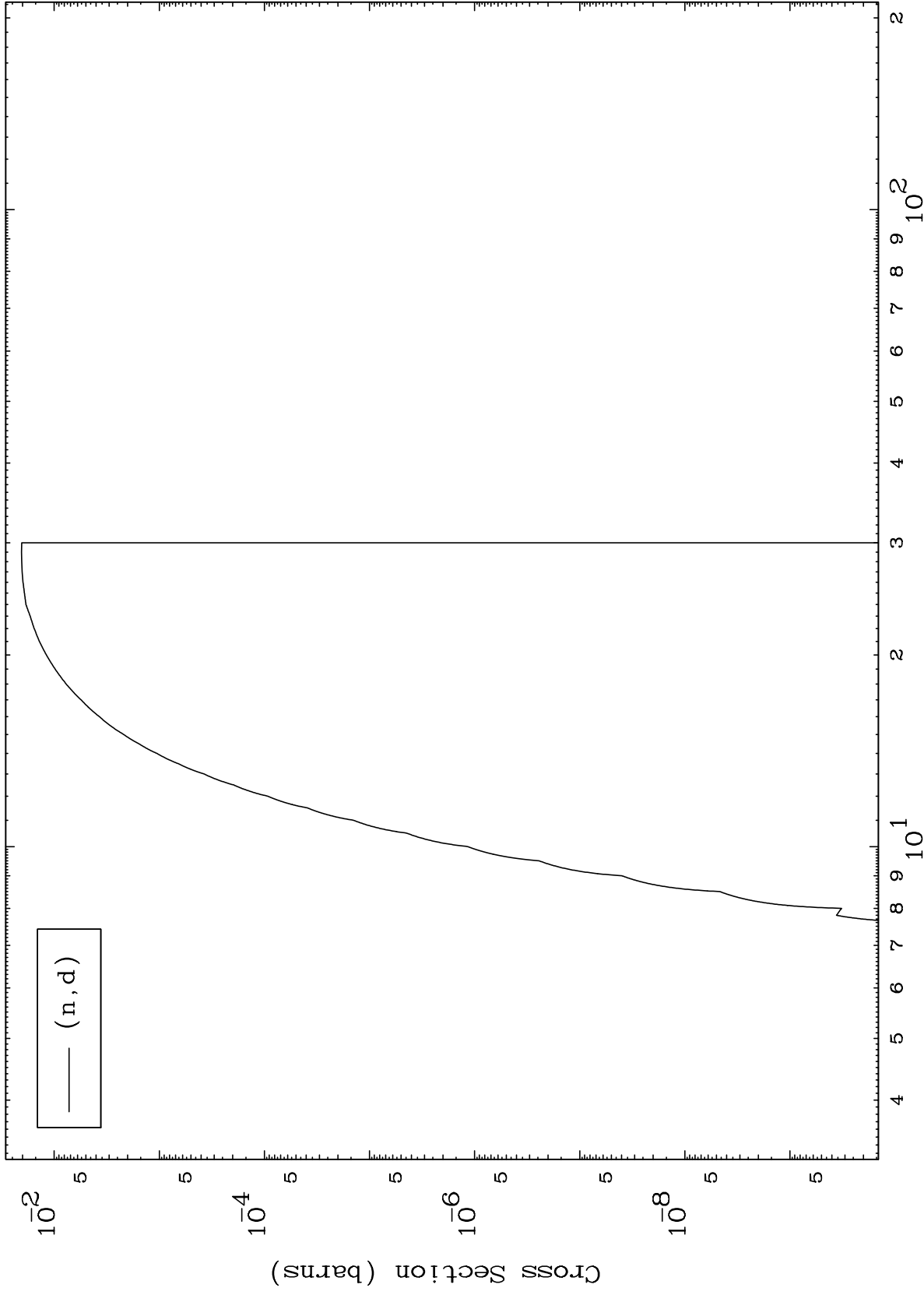
Incident Energy (MeV)

13

MAT 7416

(n,d) Levels
293 Kelvin Cross Sections

74-W -177



14

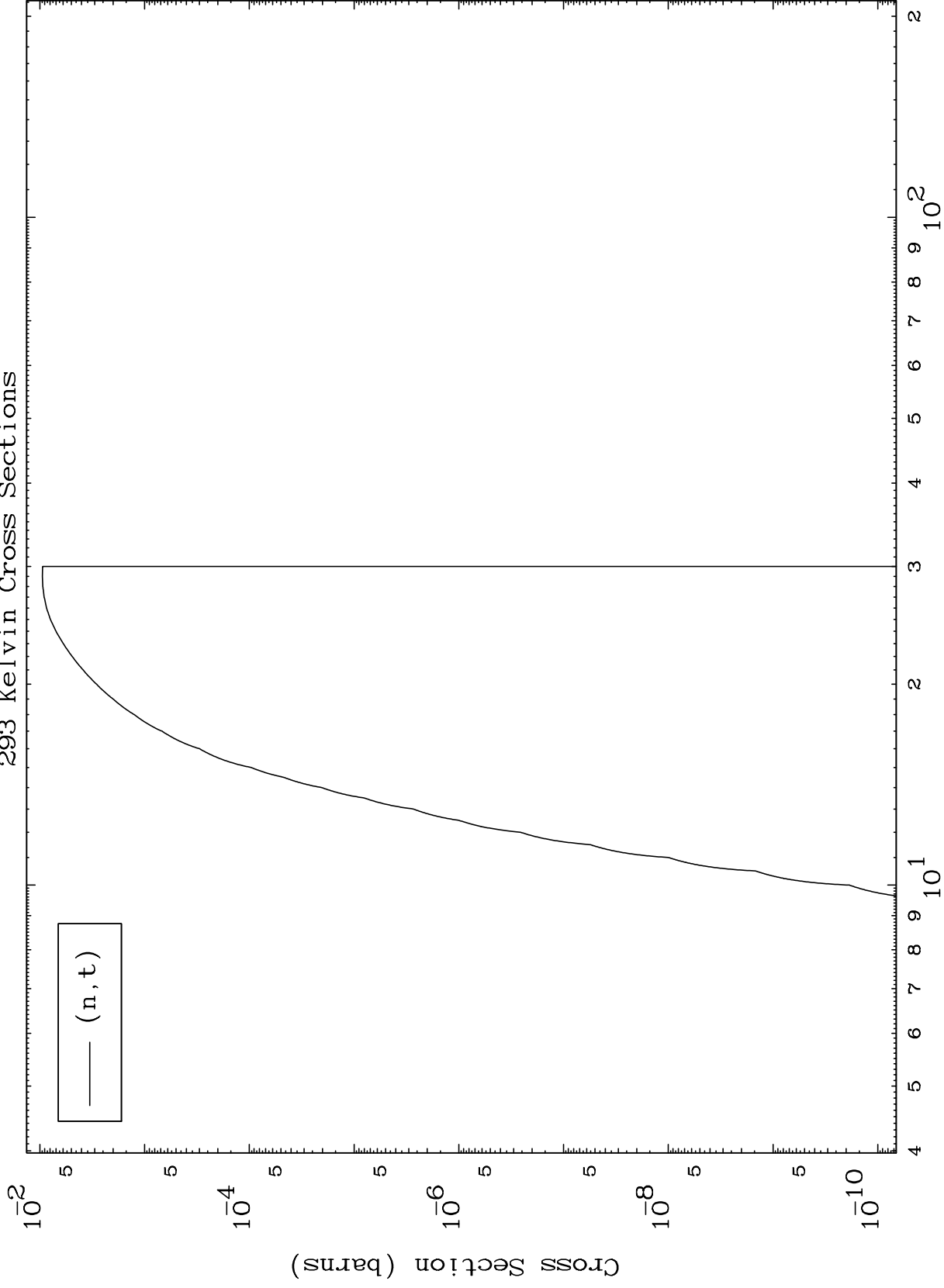
Incident Energy (MeV)

74-W -177

MAT 7416

(n,t) Levels
293 Kelvin Cross Sections

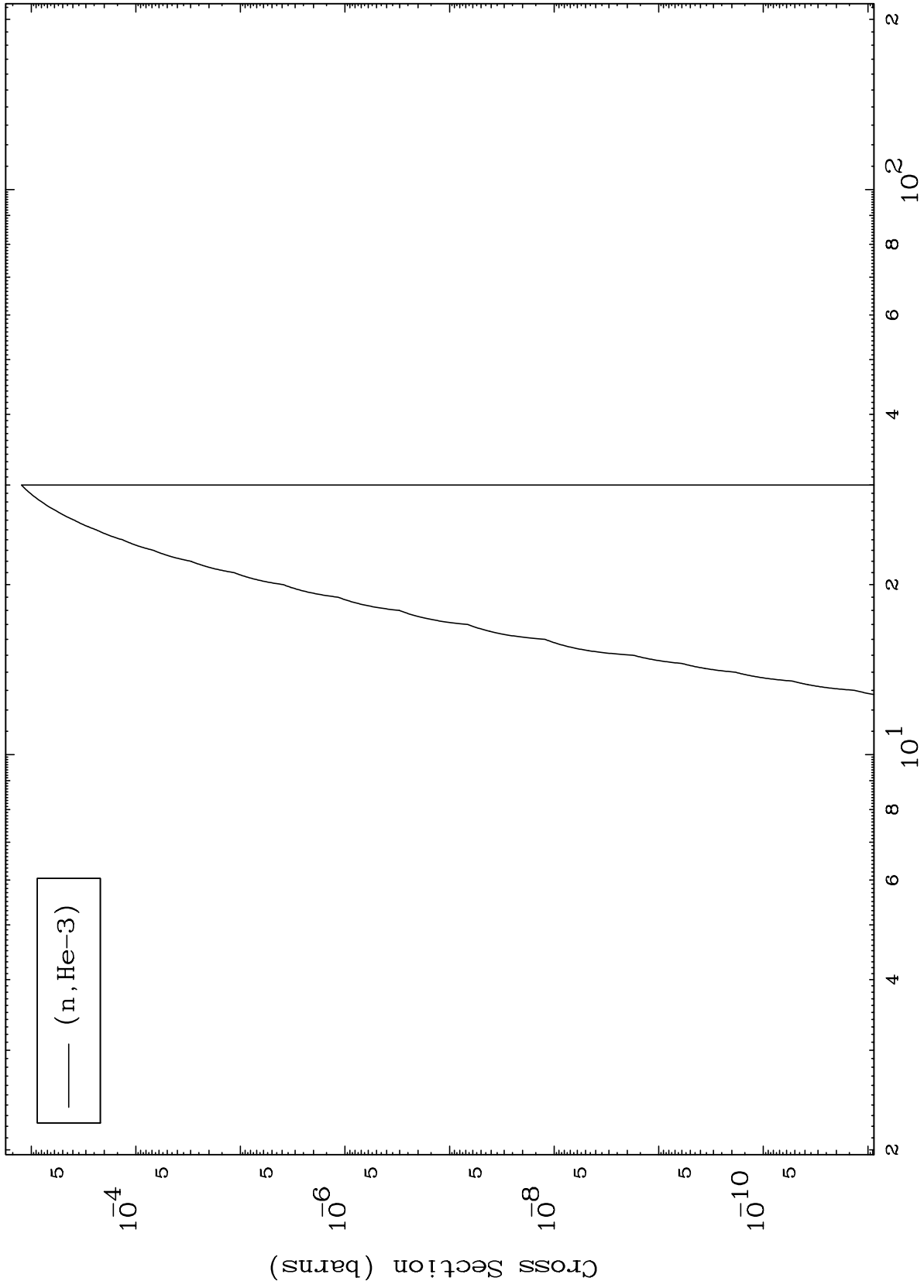
74-W -177



15

Incident Energy (MeV)

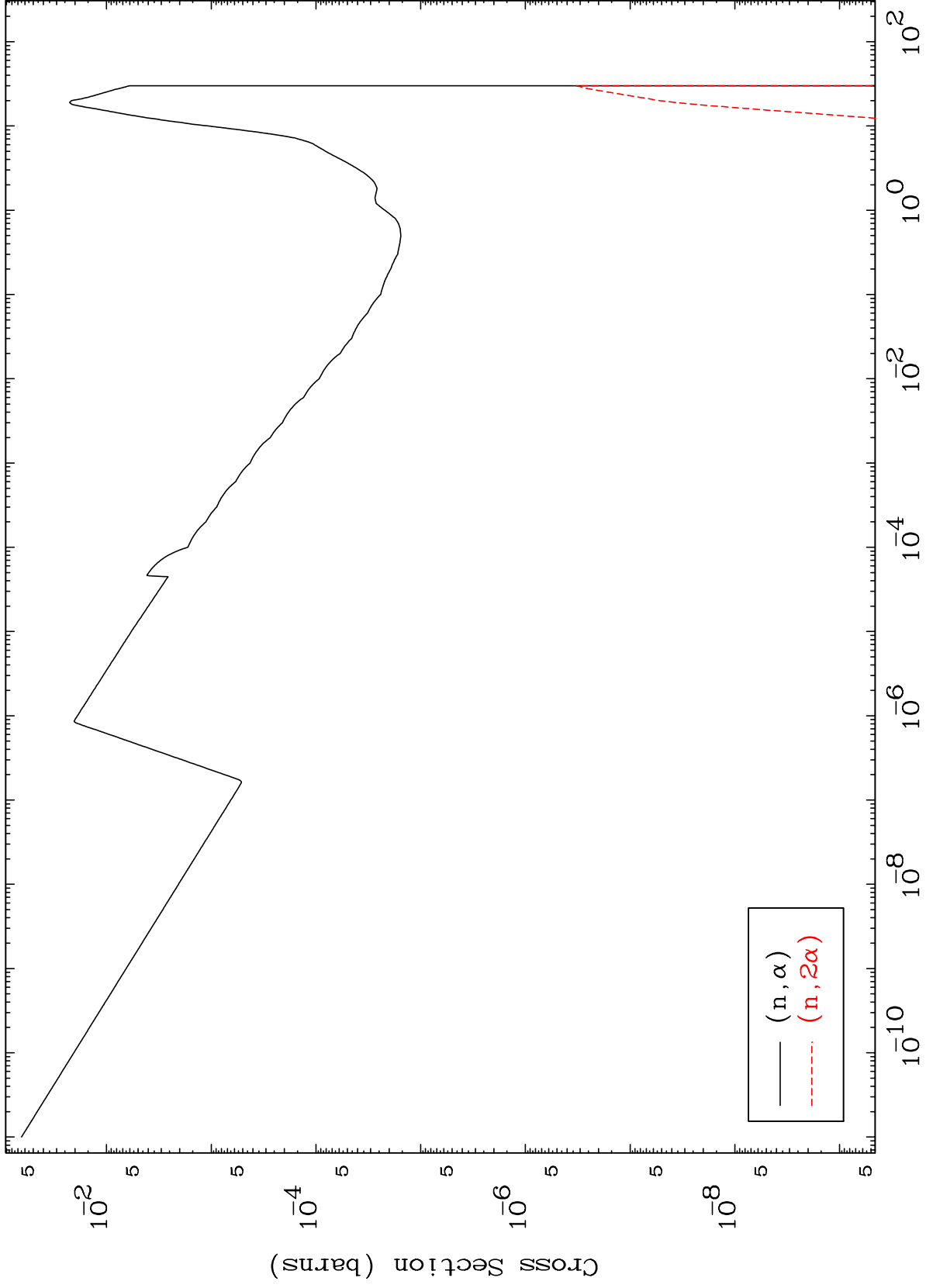
74-W -177



MAT 7416

(n,α) Levels
293 Kelvin Cross Sections

74-W -177



Incident Energy (MeV)

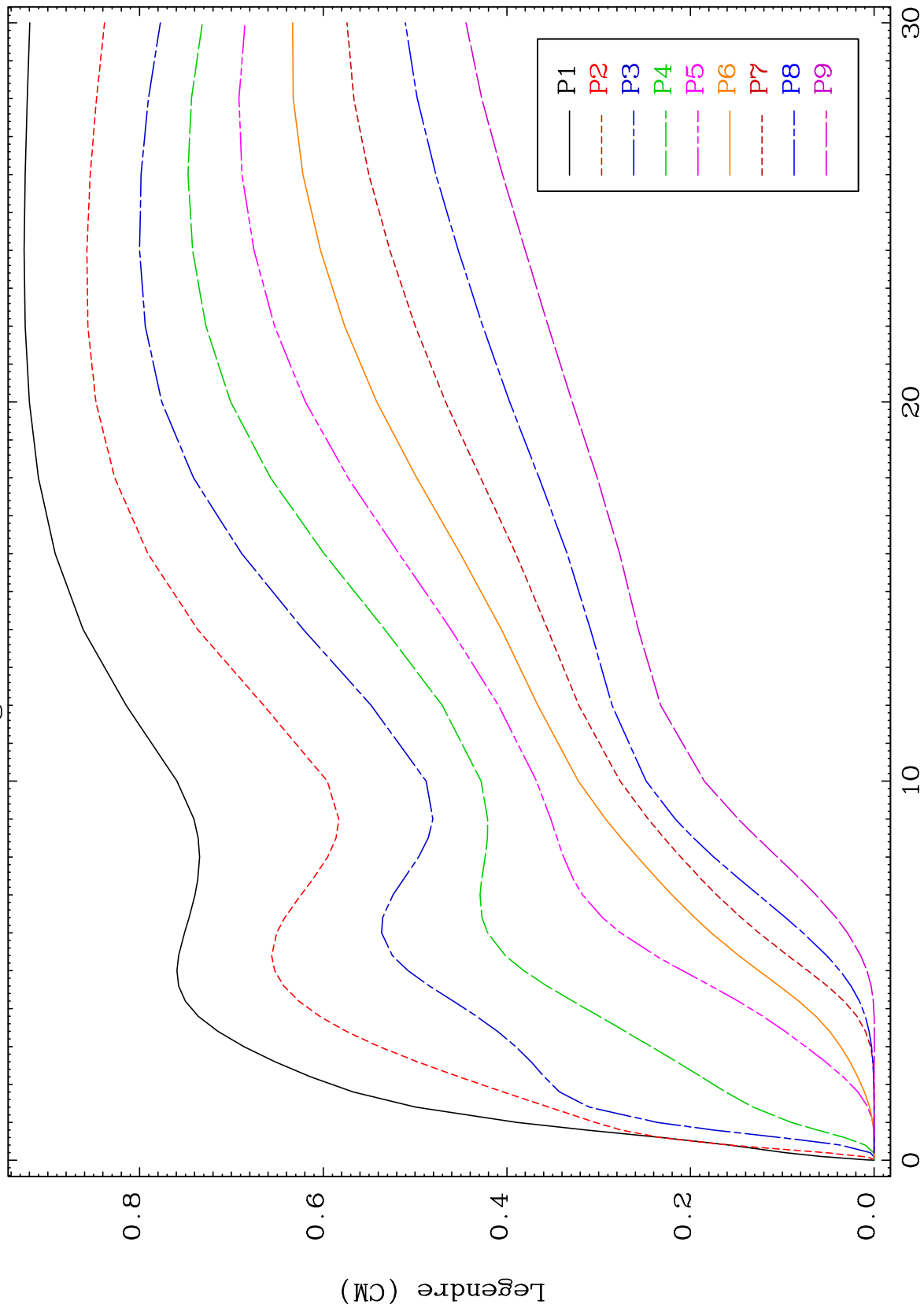
74-W -177

17

MAT 7416

Elastic Legendre Coefficients

74-W -177



18

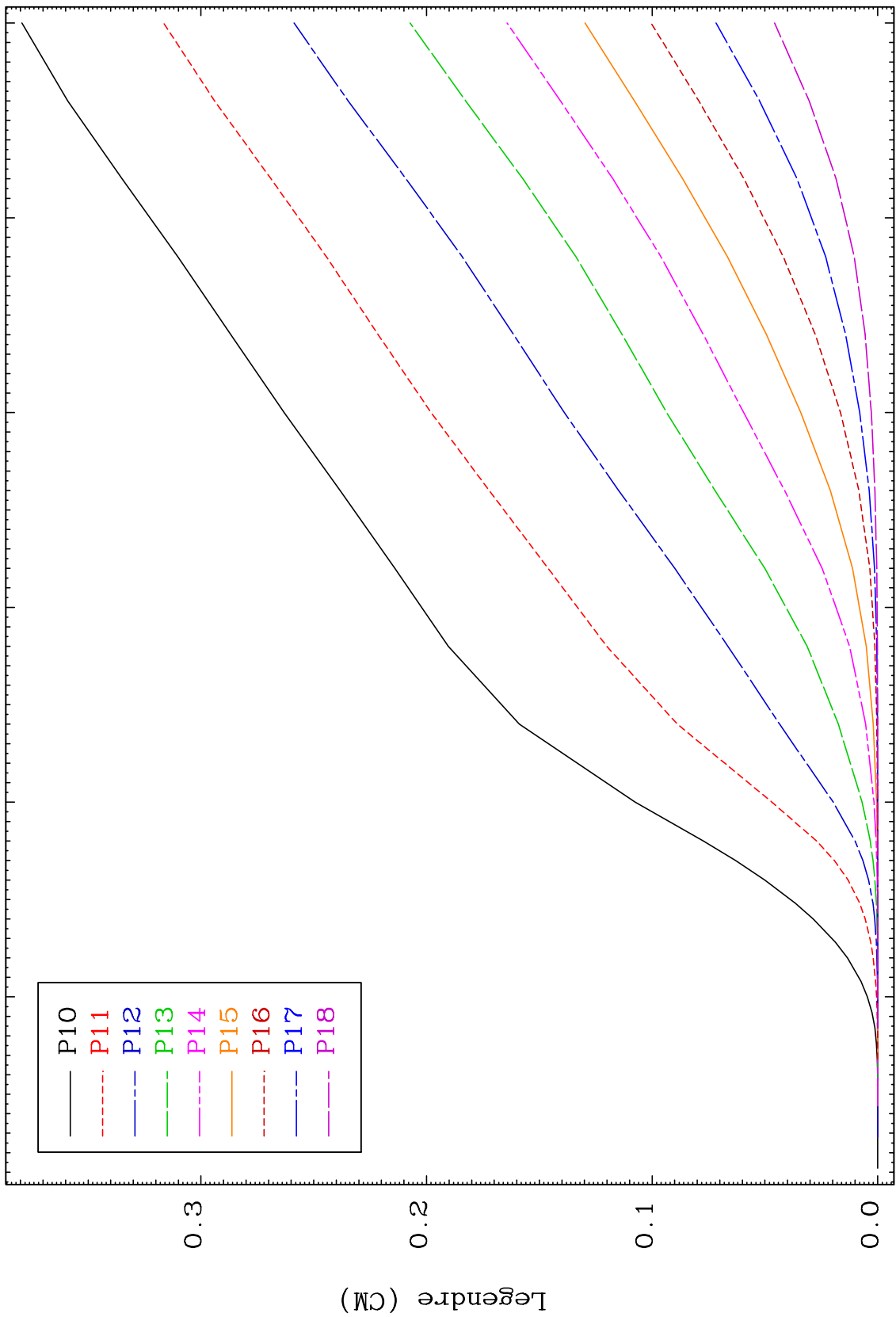
Incident Energy (MeV)

74-W -177

MAT 7416

Elastic Legendre Coefficients

74-W -177



19

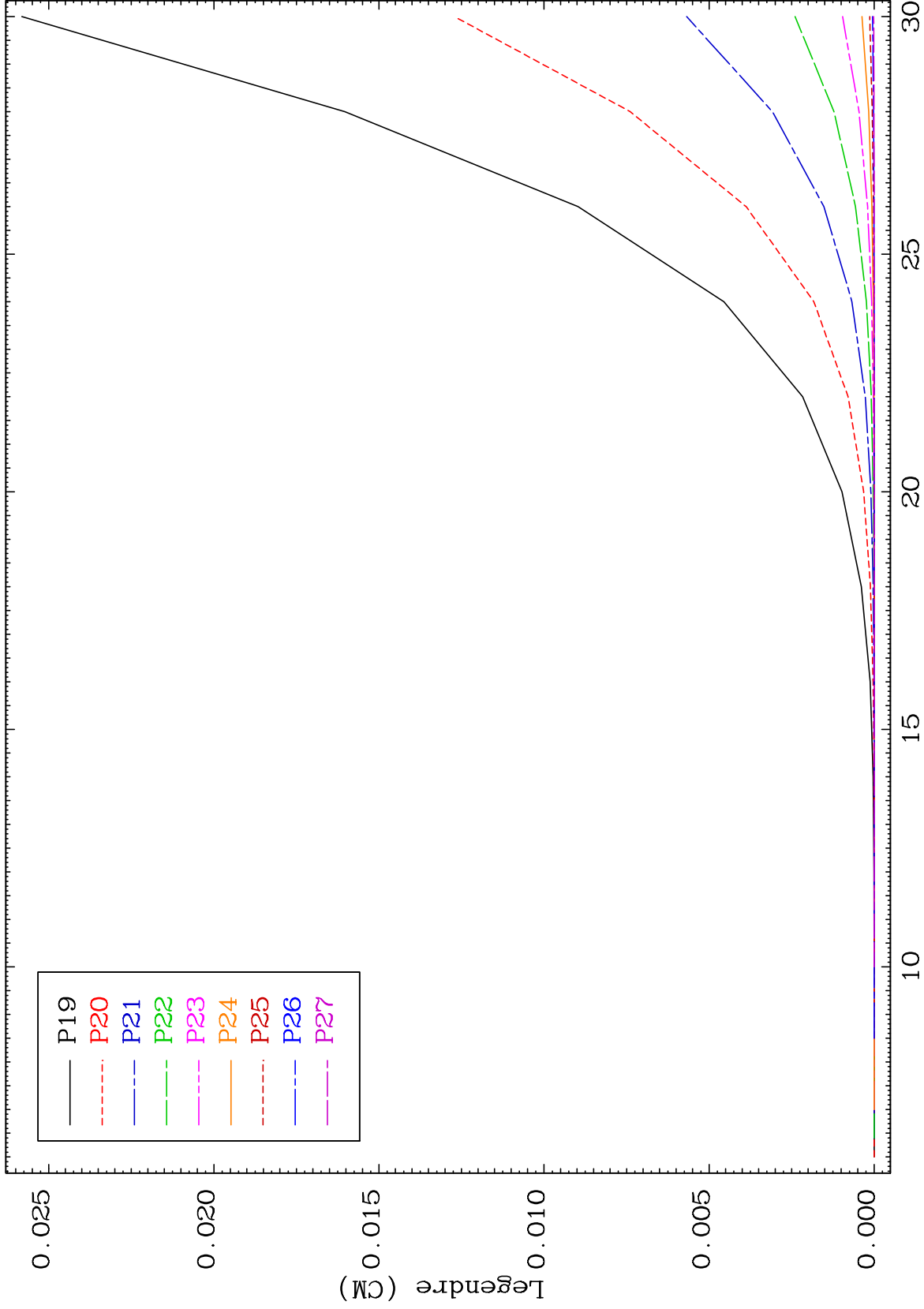
Incident Energy (MeV)

74-W -177

MAT 7416

Elastic Legendre Coefficients

74-W -177



20

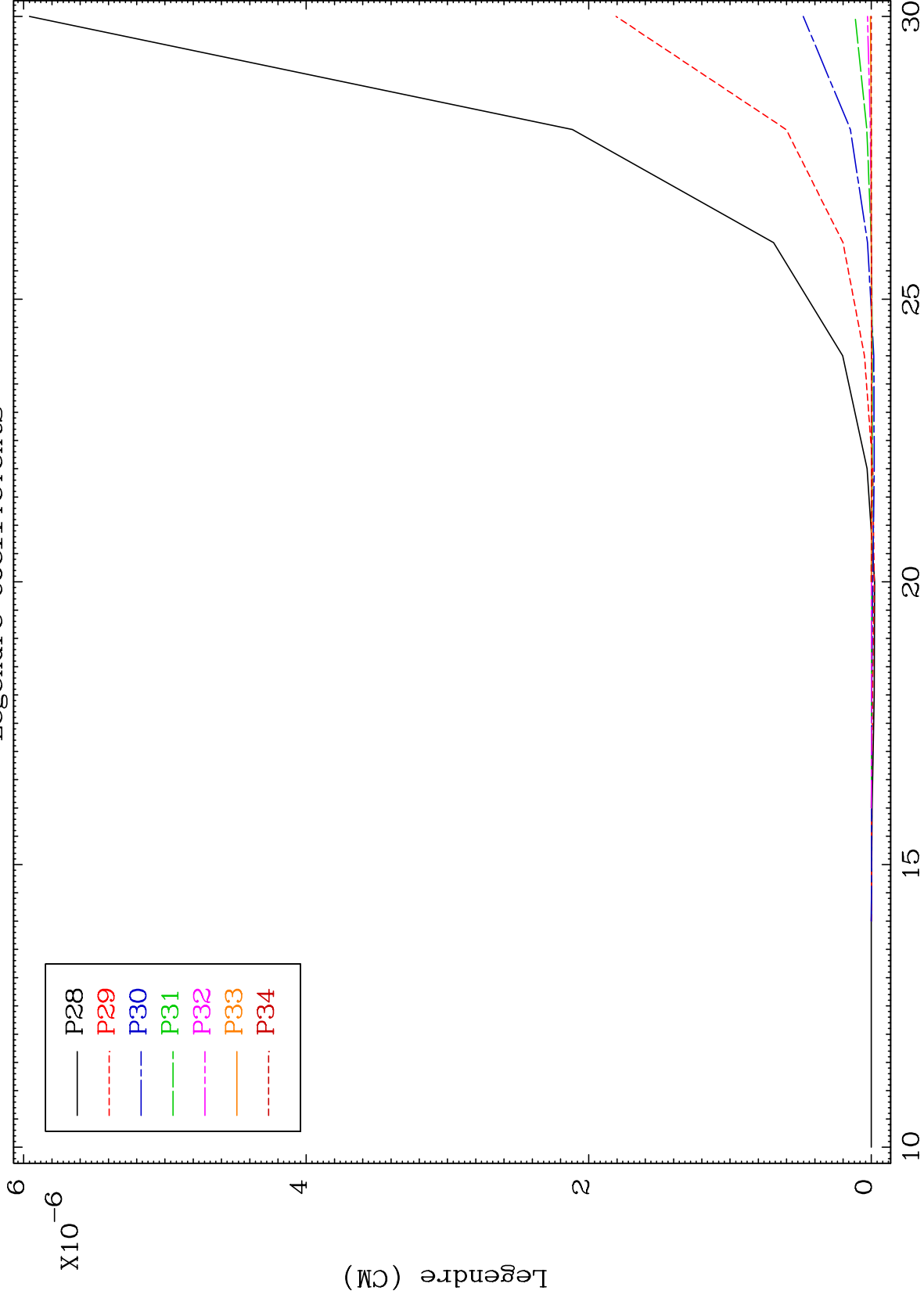
Incident Energy (MeV)

74-W -177

MAT 7416

Elastic
Legendre Coefficients

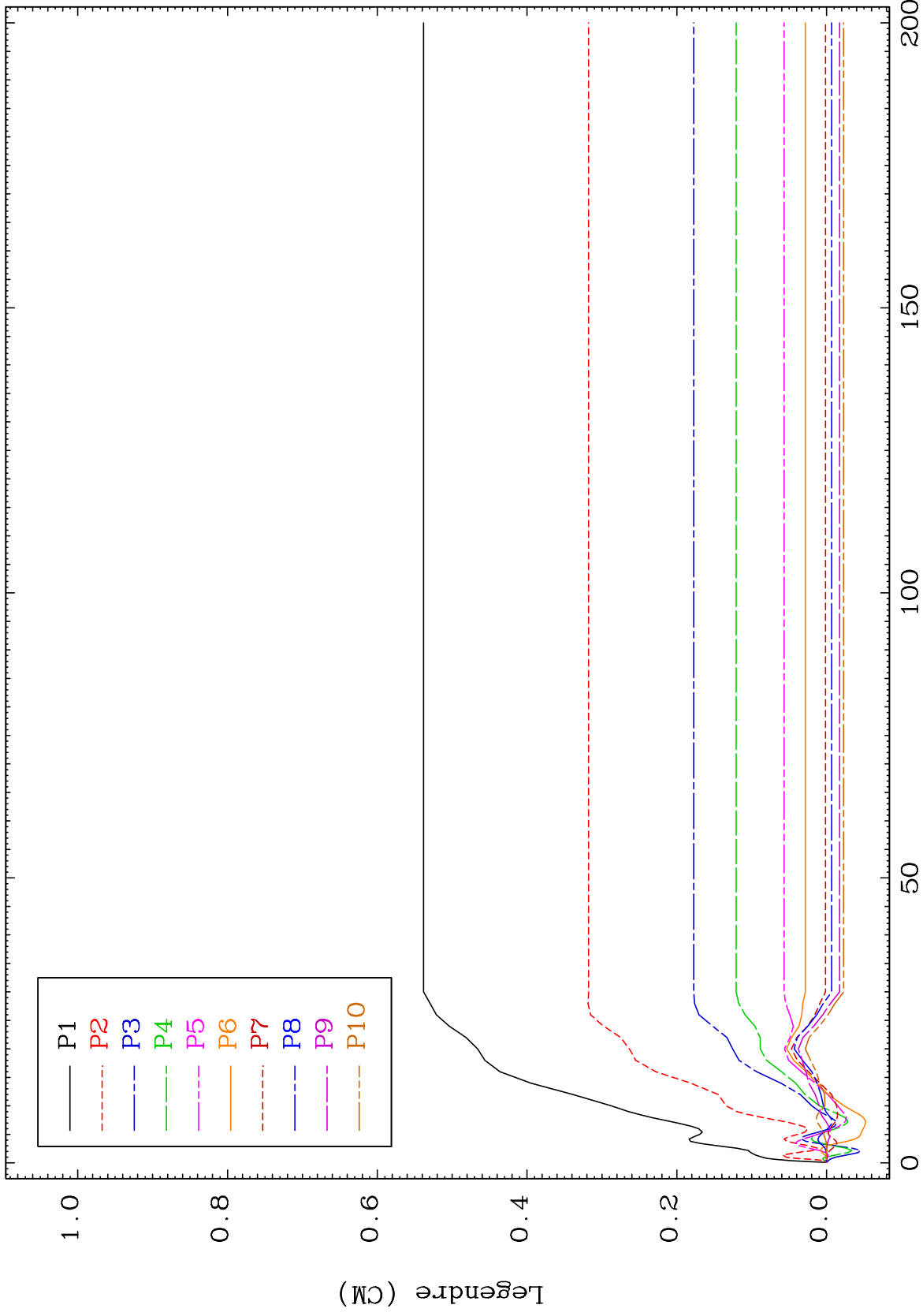
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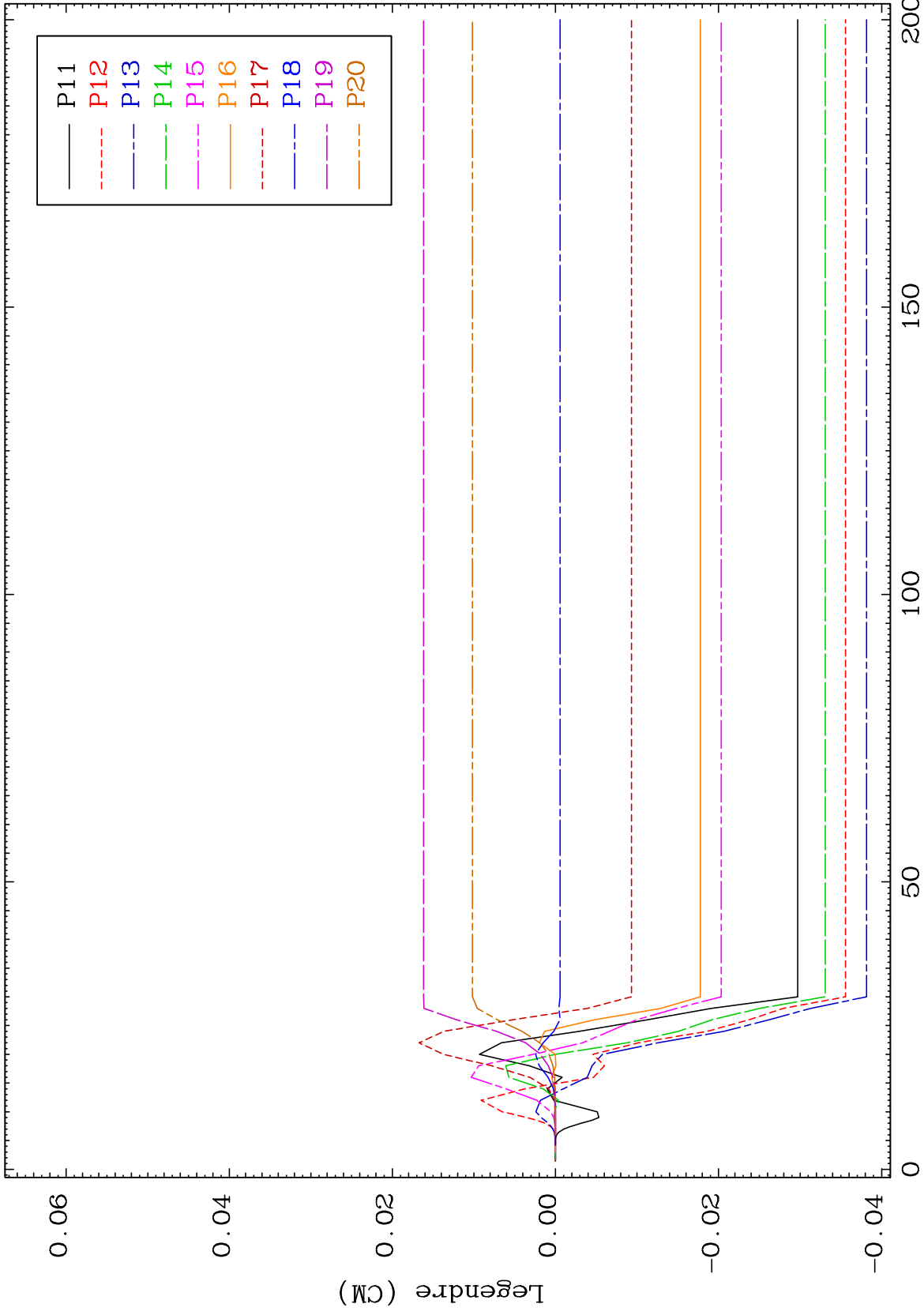


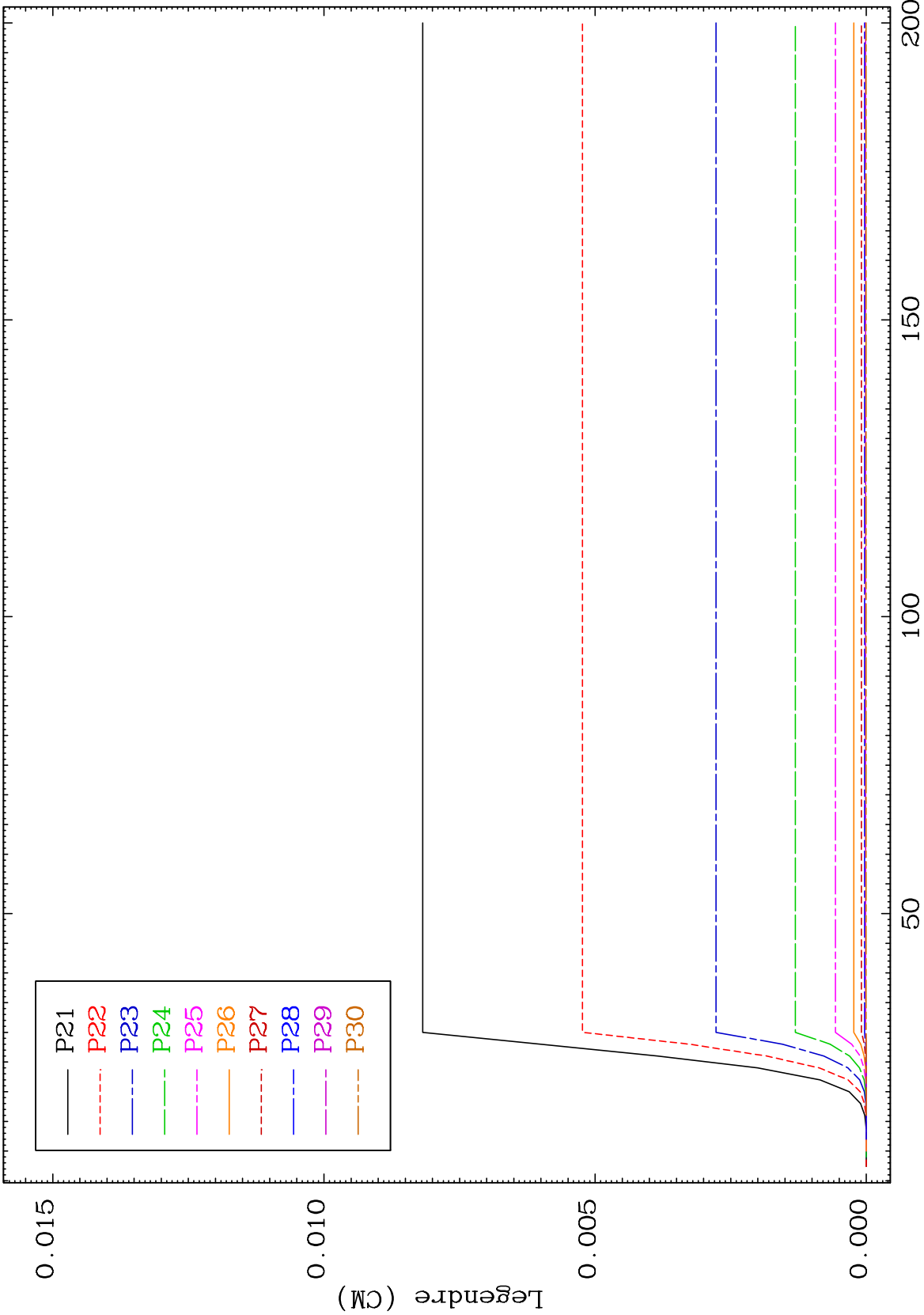
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Incident Energy (MeV)

74-W -177



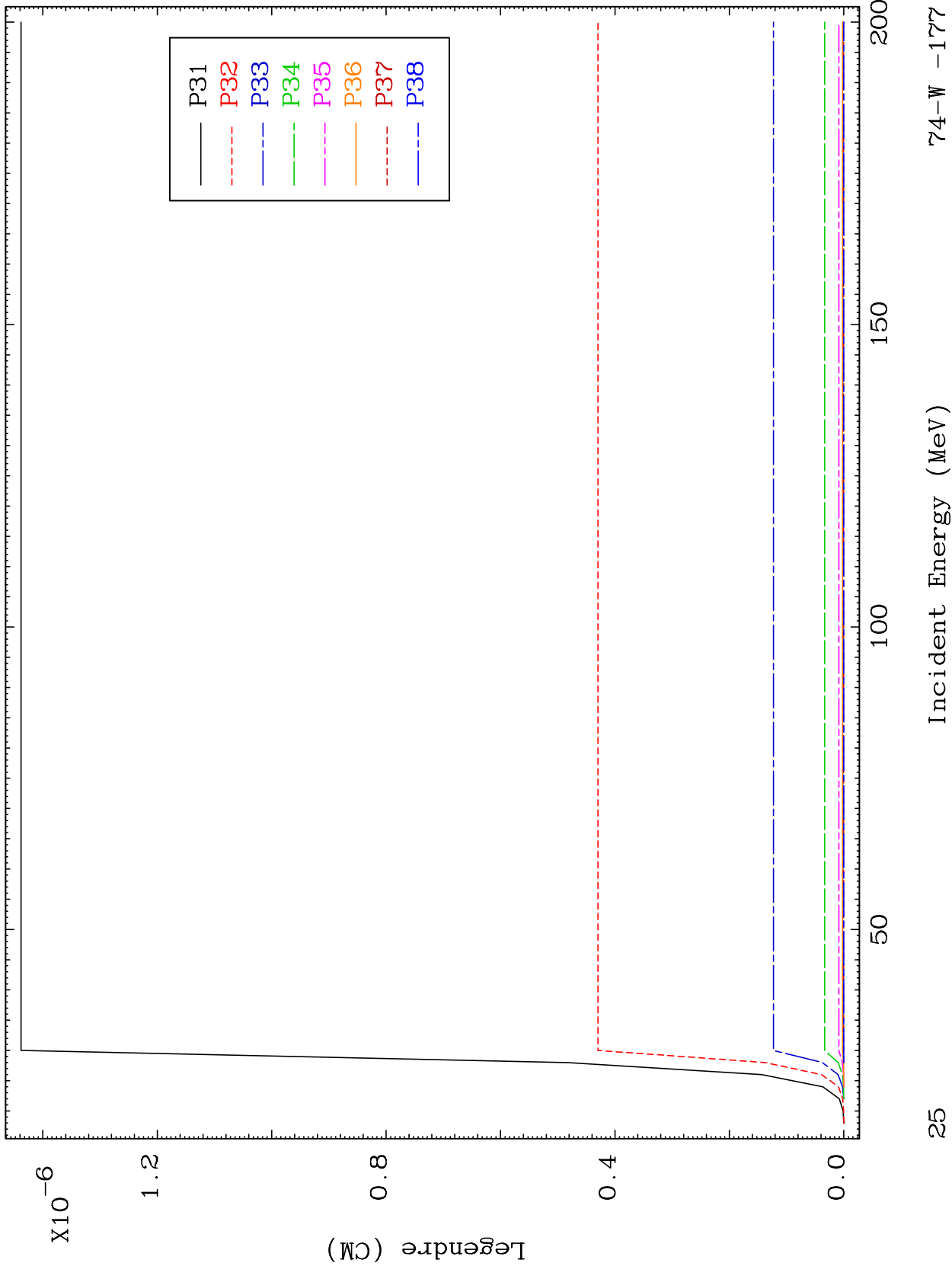




MAT 7416

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

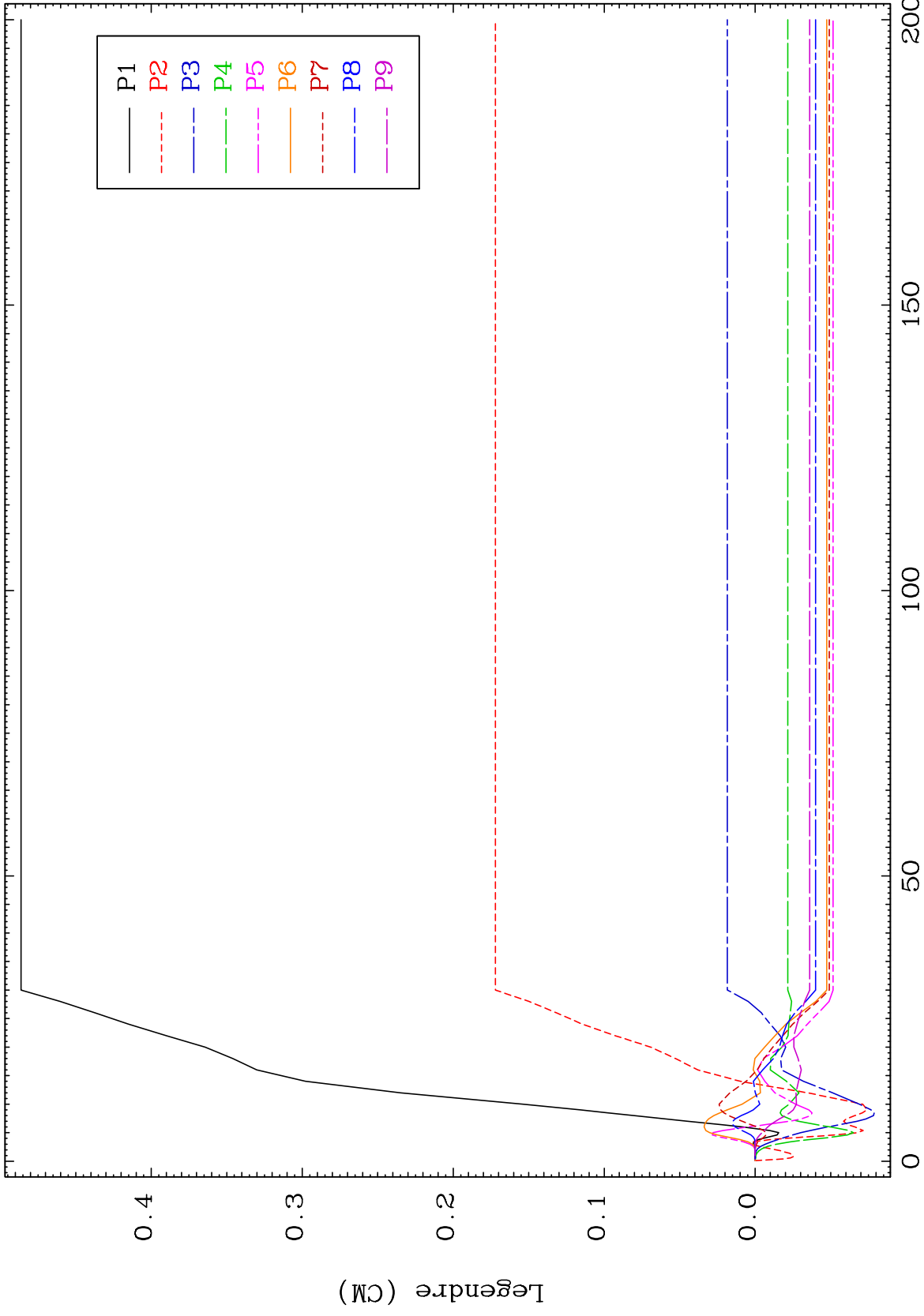
74-W -177



25

Incident Energy (MeV)

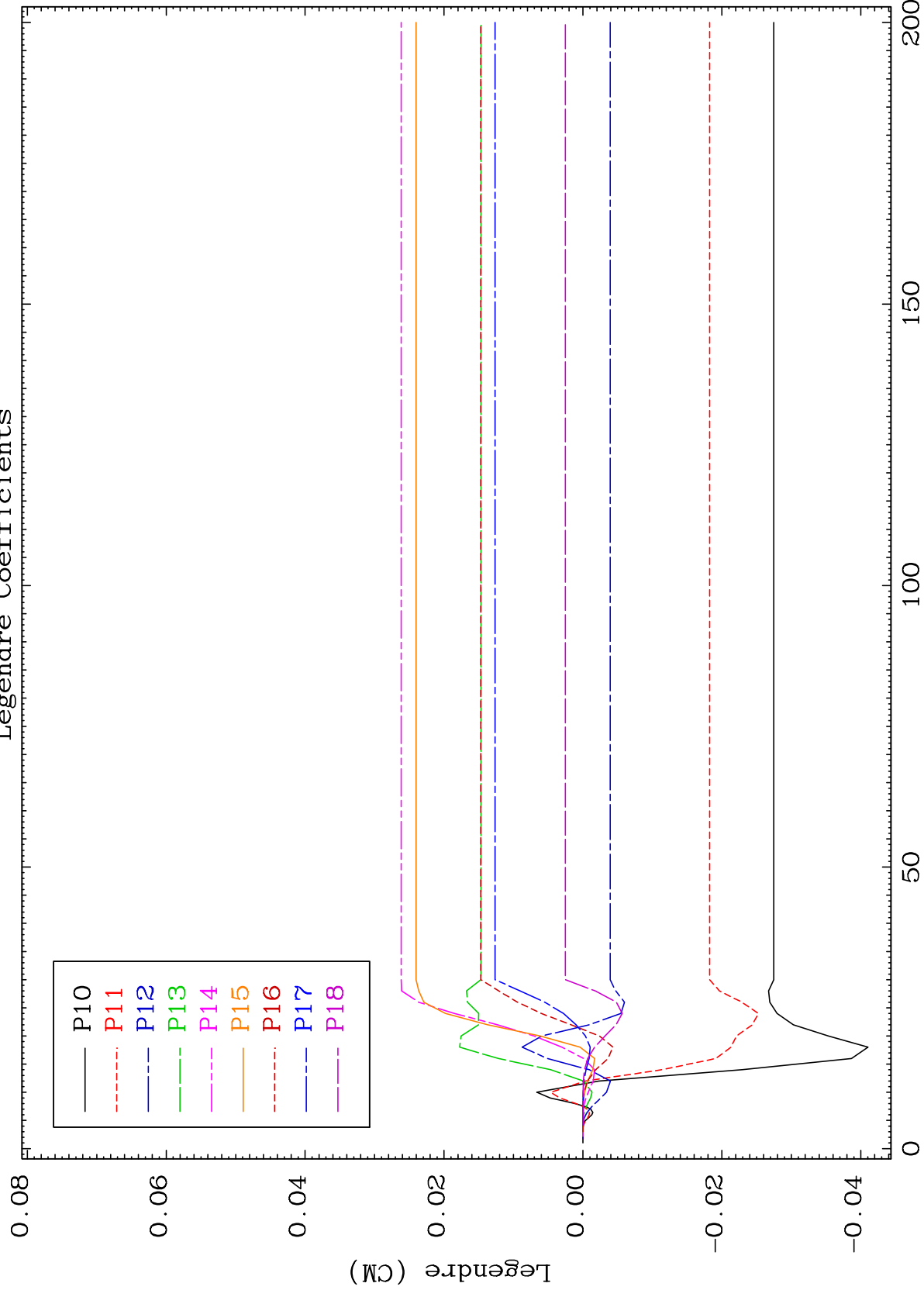
74-W -177



MAT 7416

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

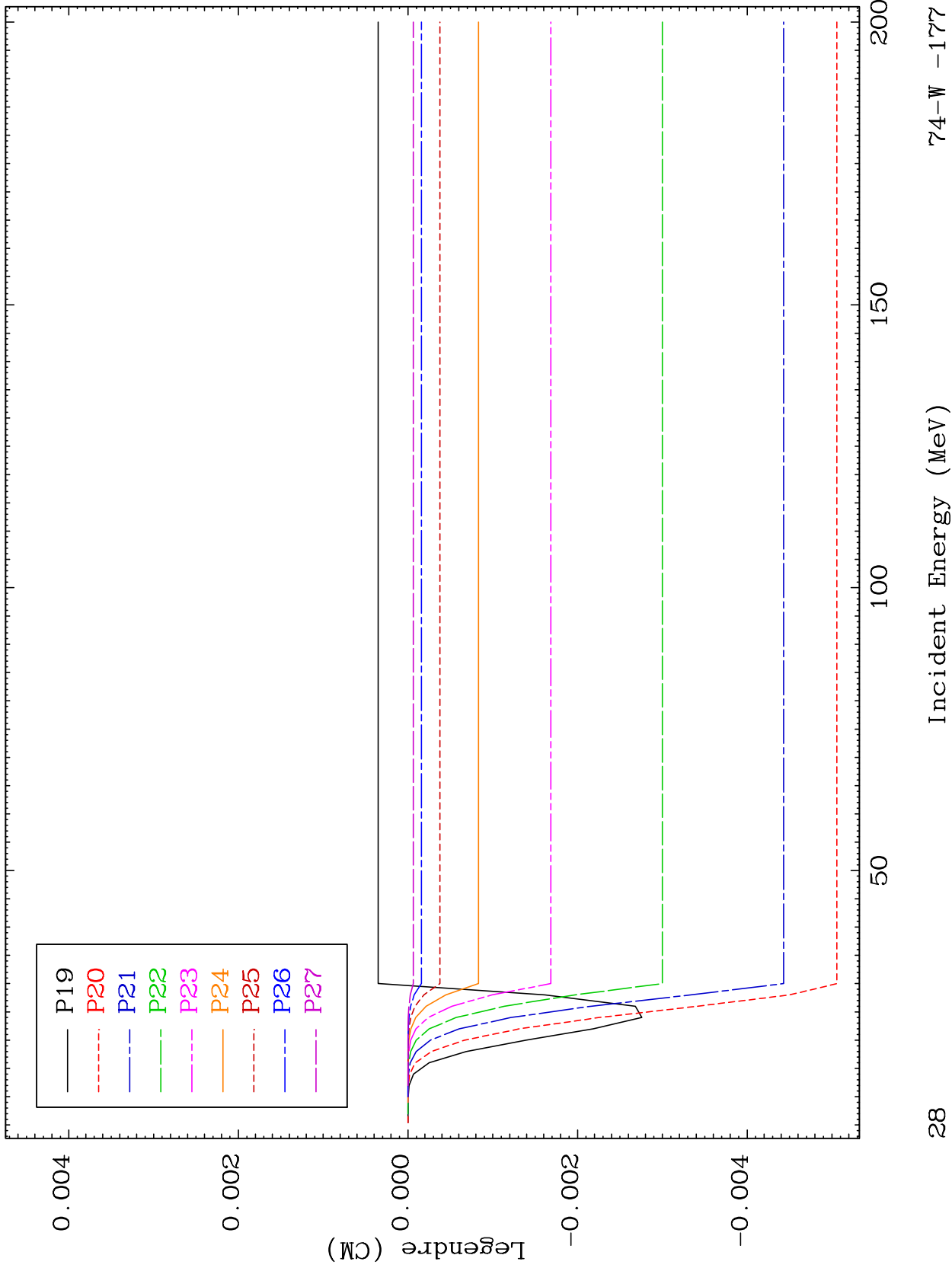
74-W -177

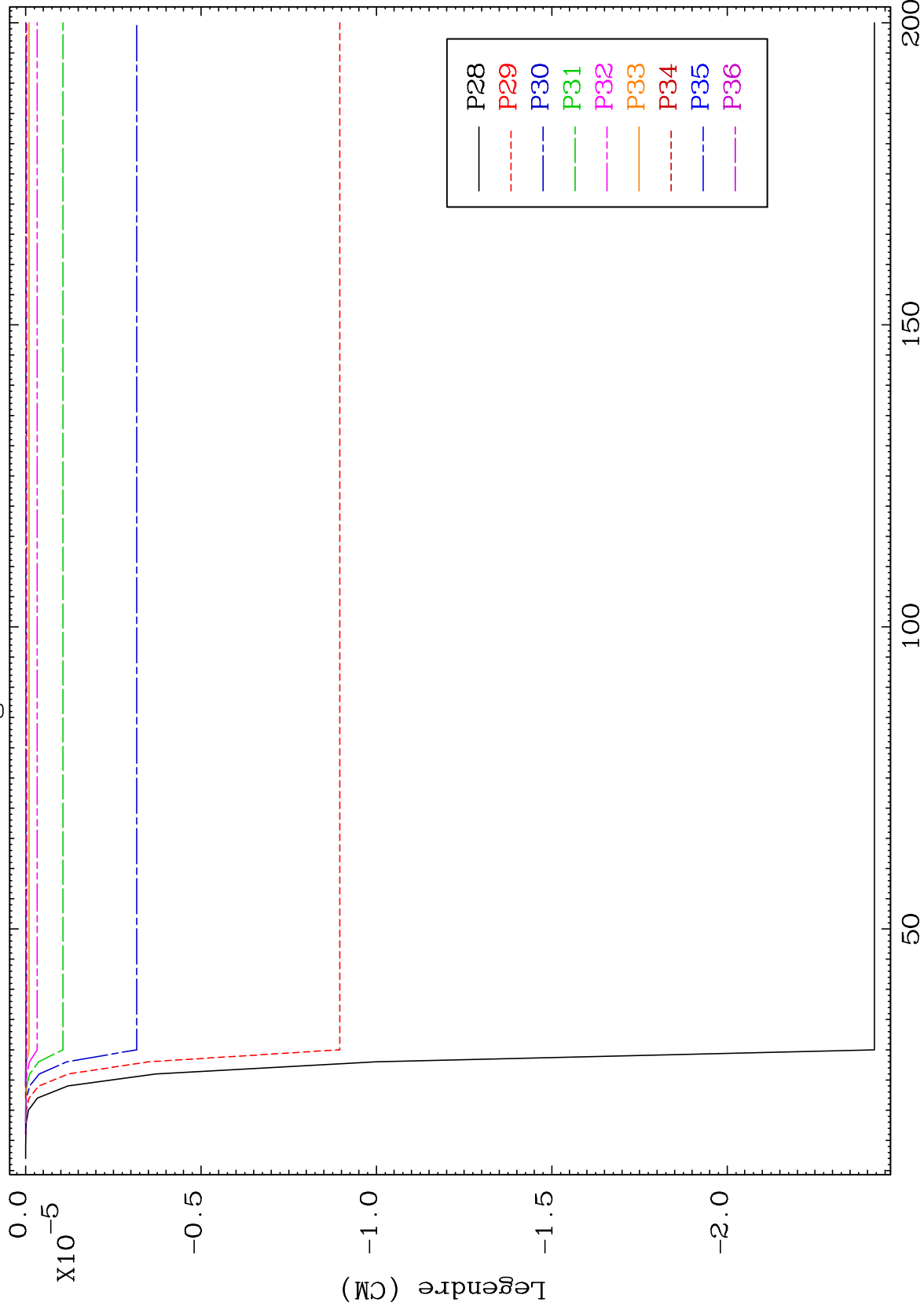


27

Incident Energy (MeV)

74-W -177

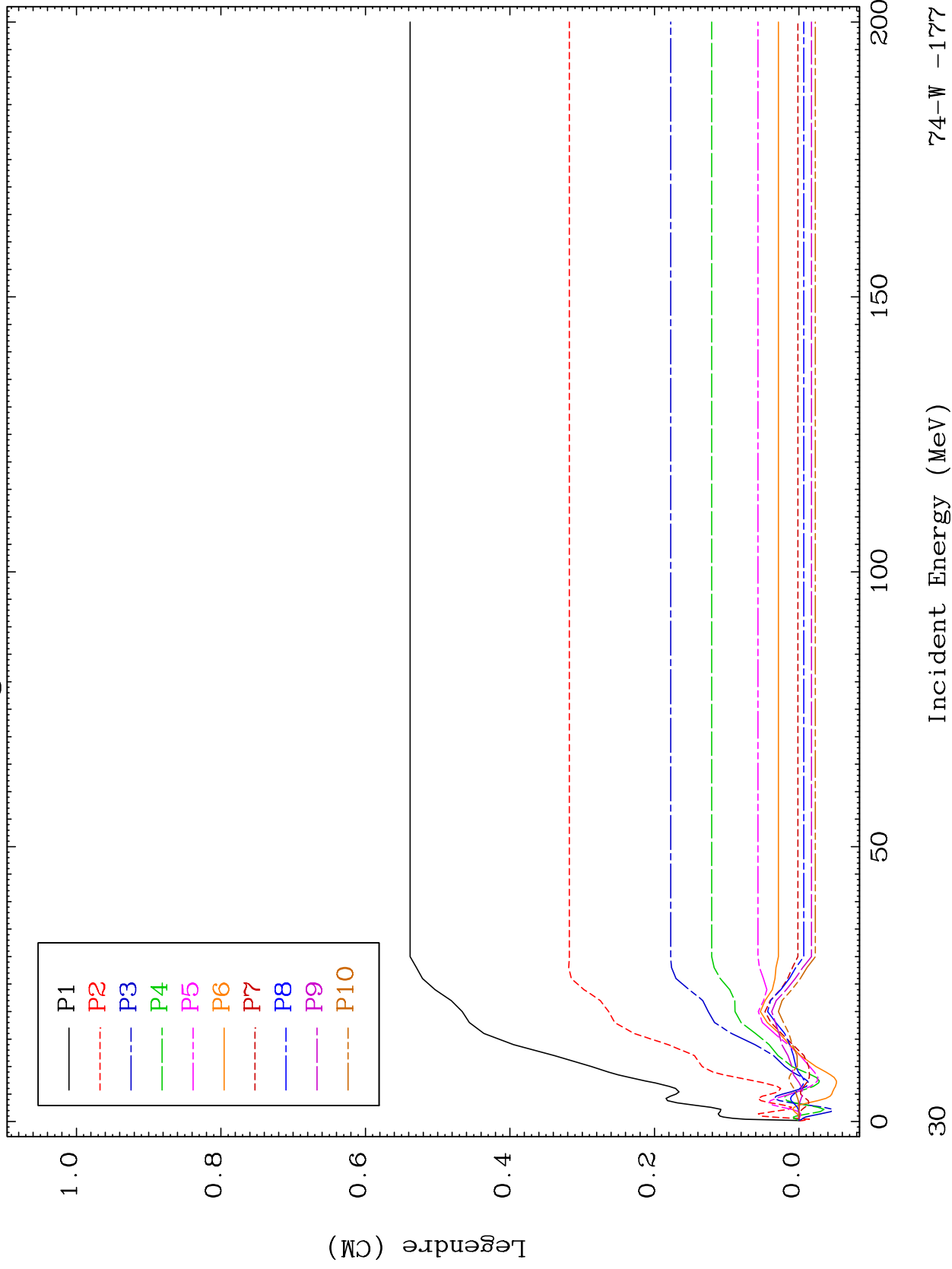


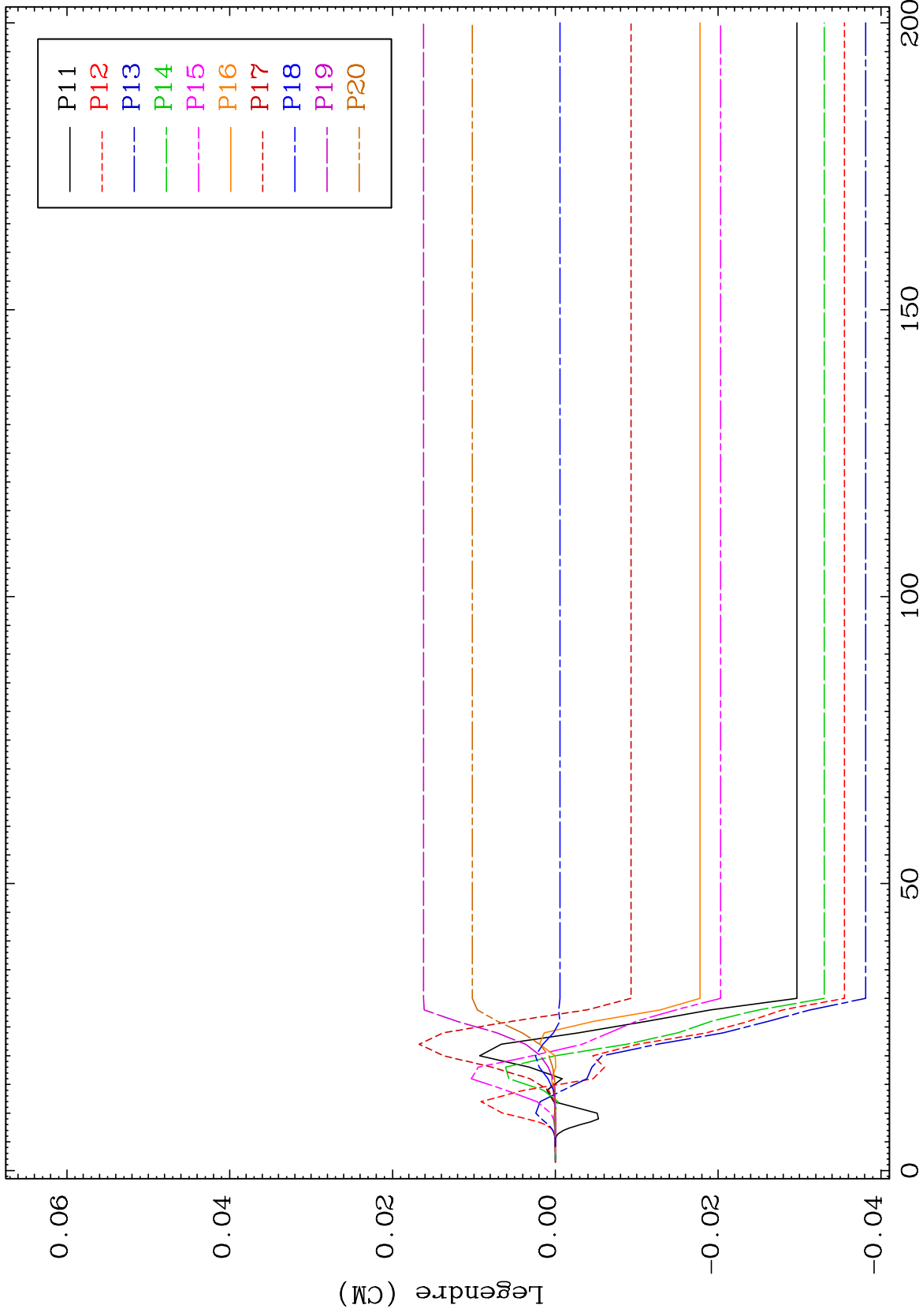


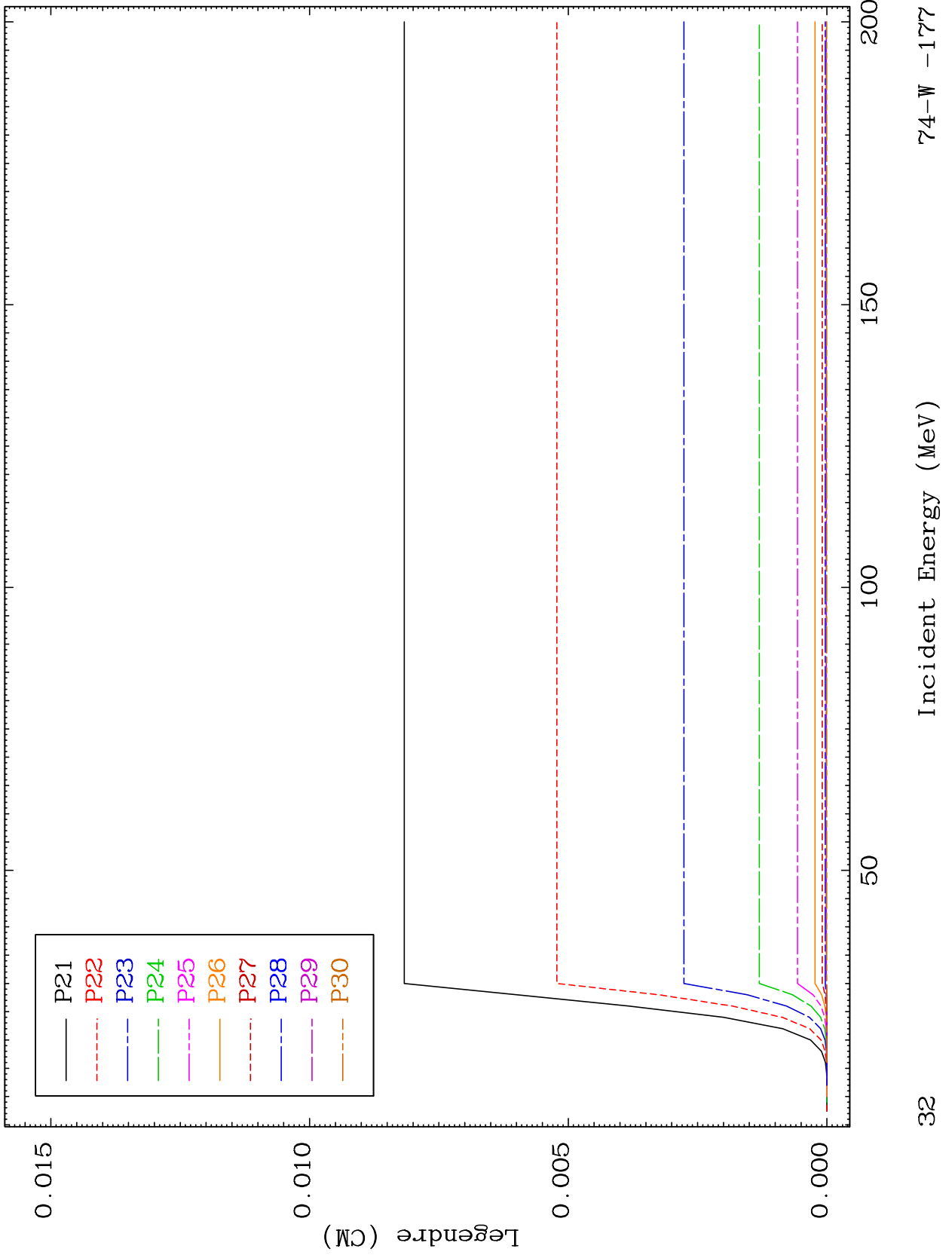
MAT 7416

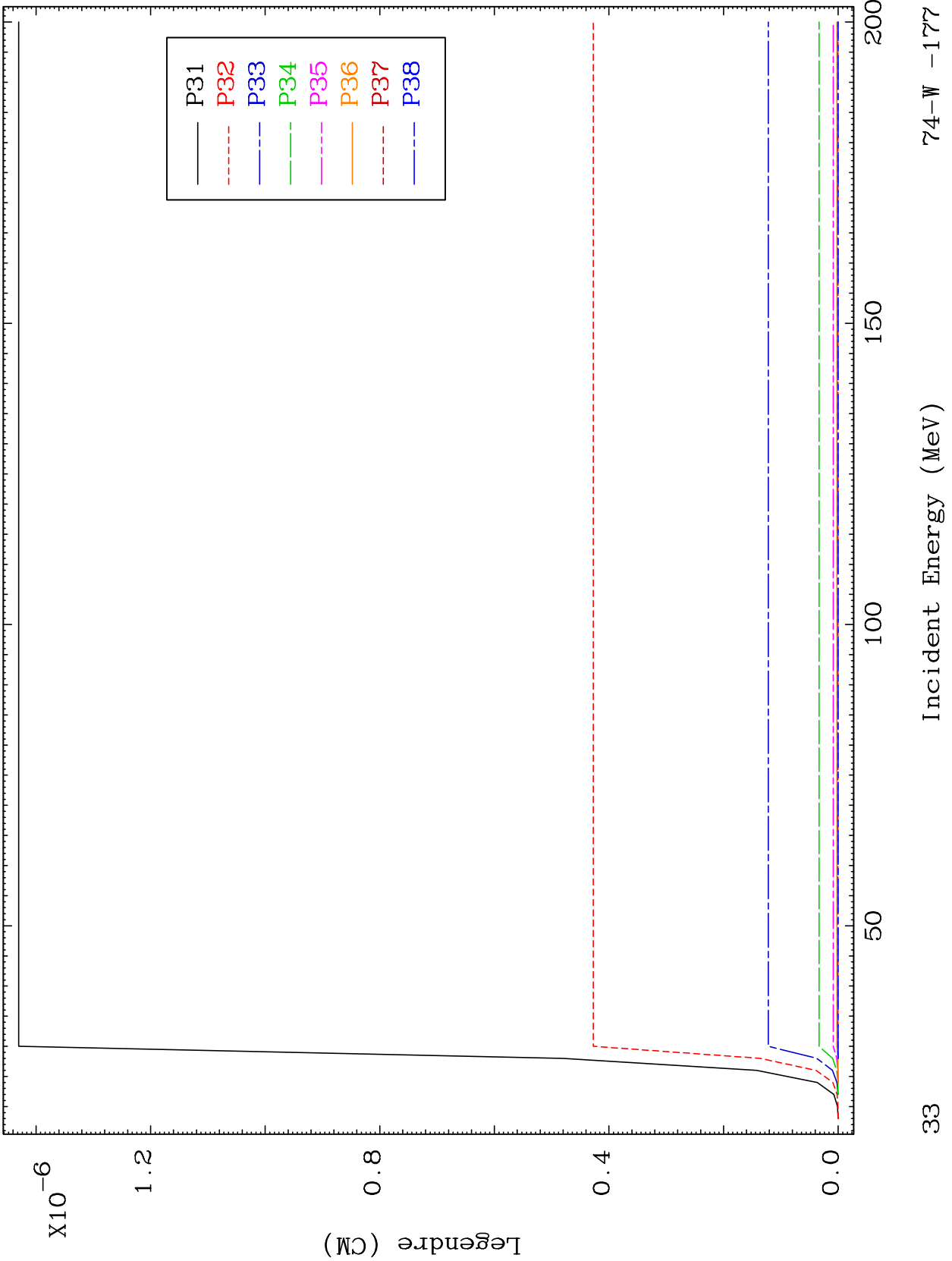
MT= 53 (n,n') Level
Legendre Coefficients

74-W -177





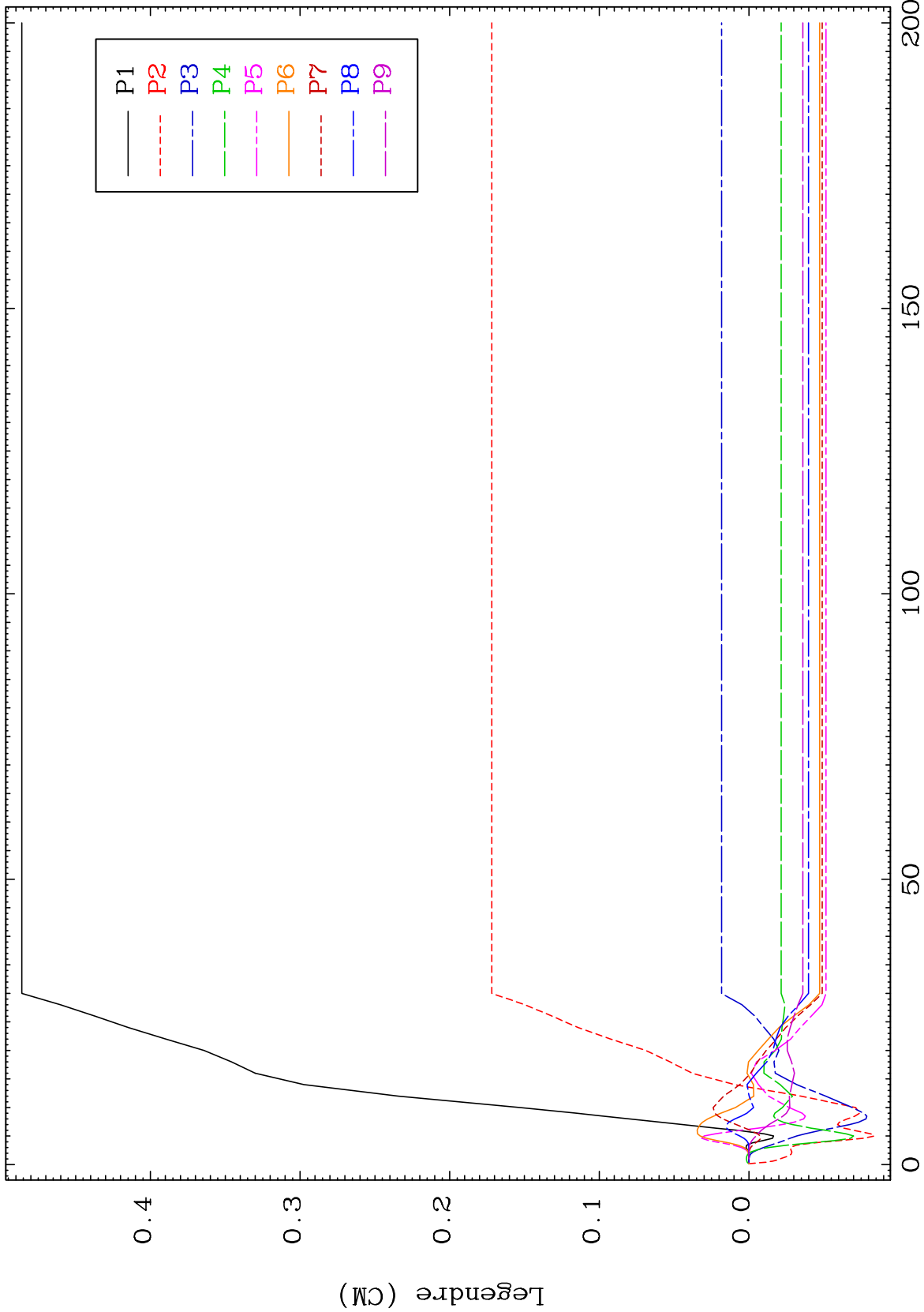




MAT 7416

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

74-W -177



34

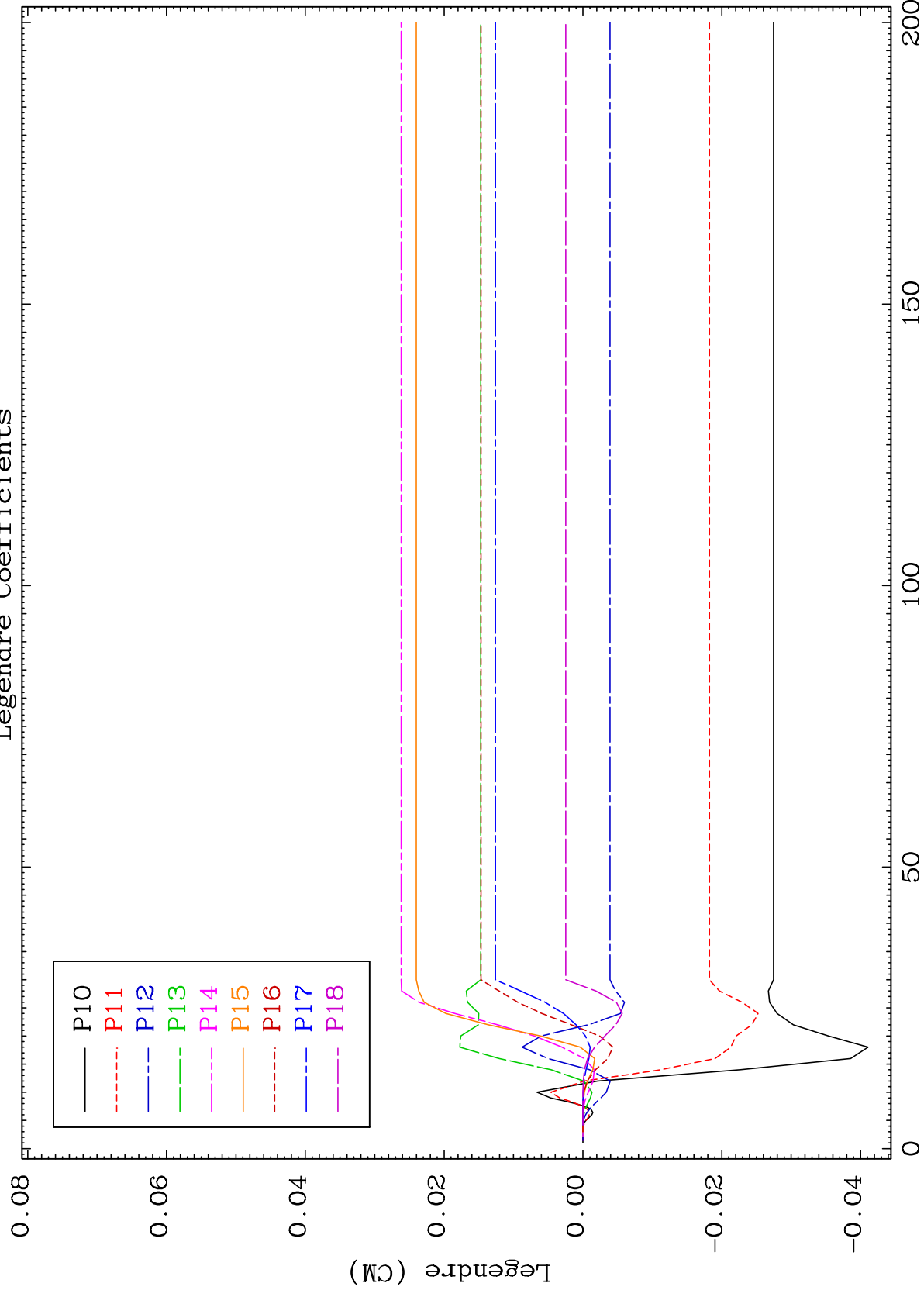
Incident Energy (MeV)

74-W -177

MAT 7416

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

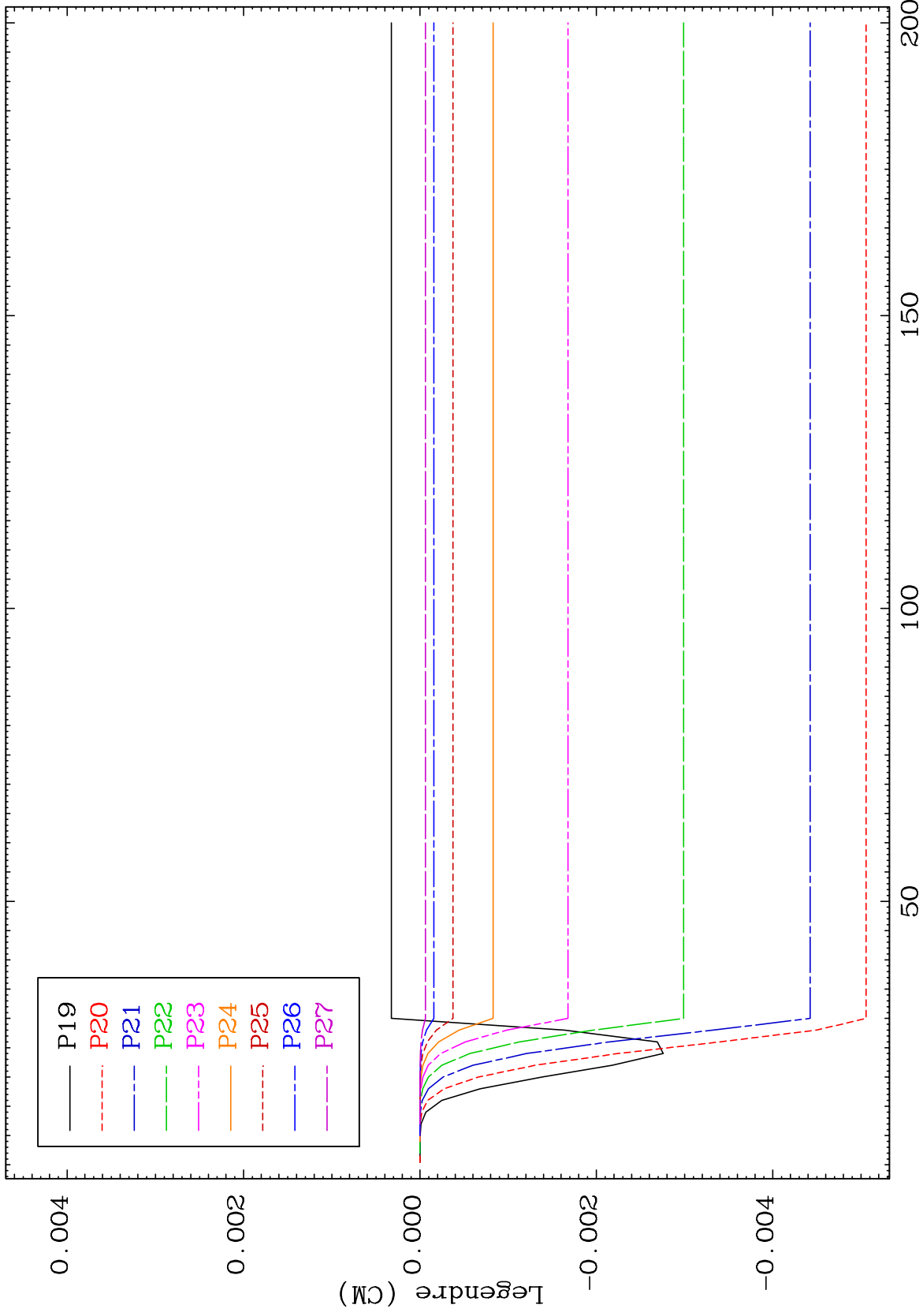
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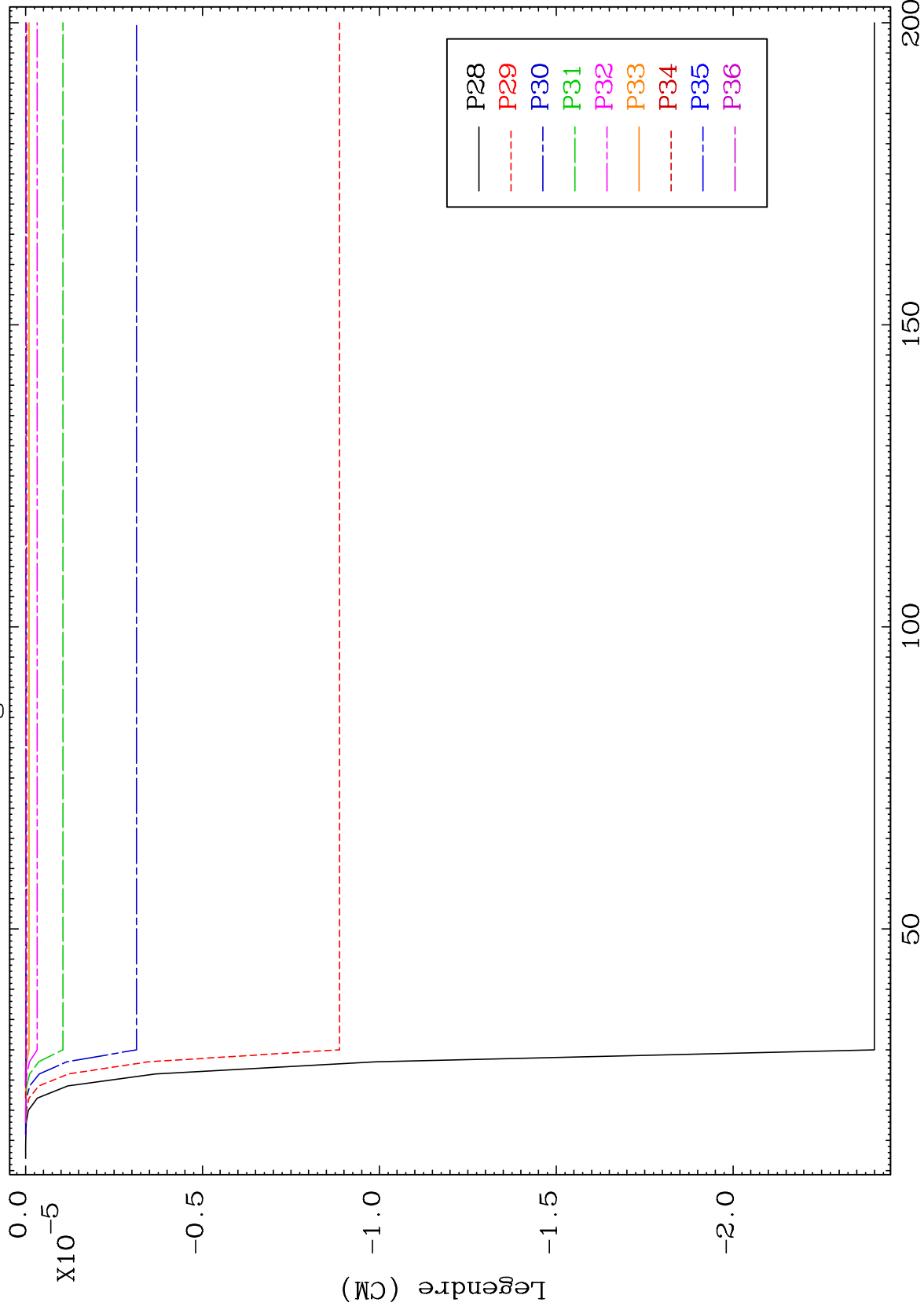


35

Incident Energy (MeV)

74-W -177



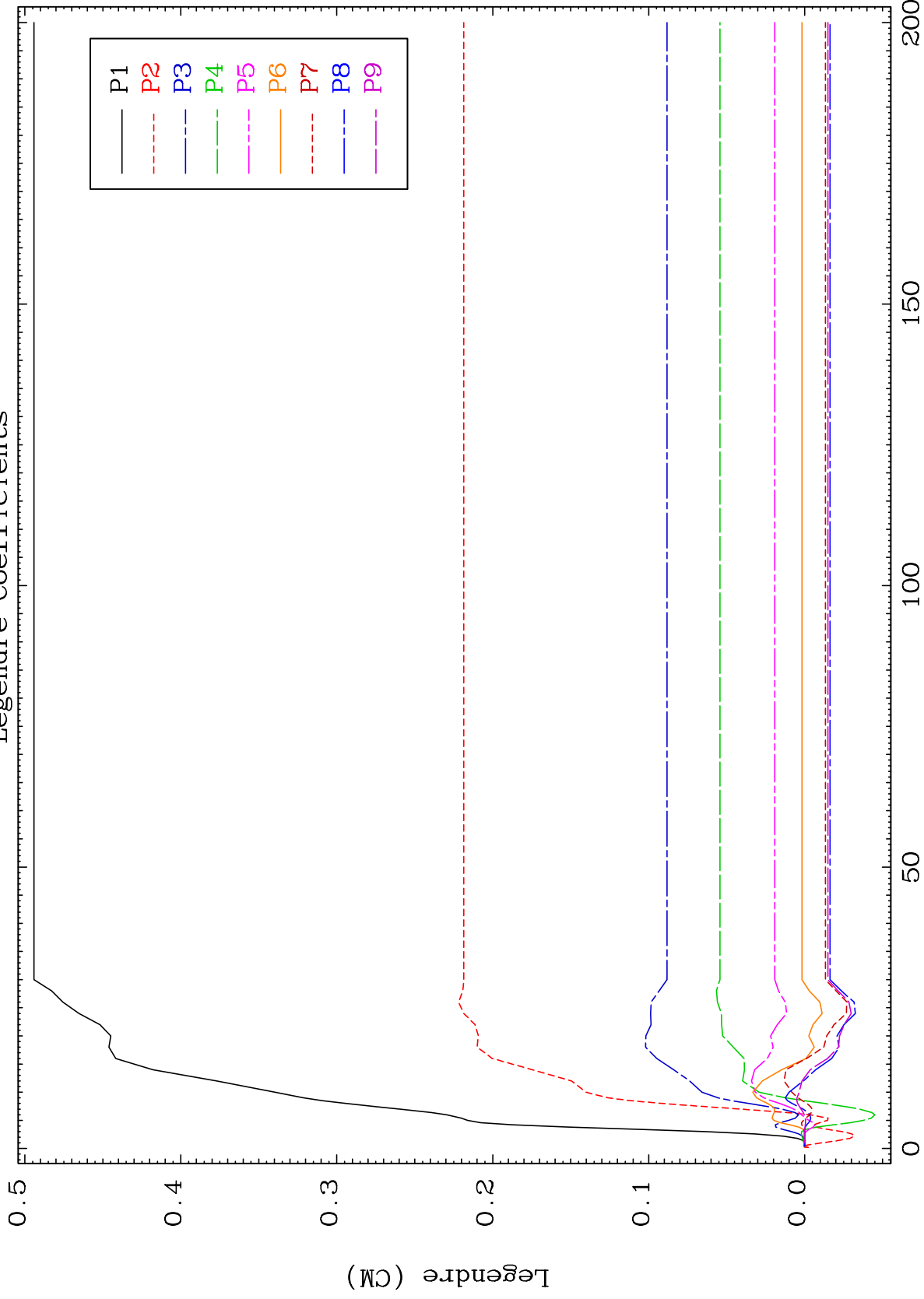


MAT 7416

MT= 55 (n,n') Level

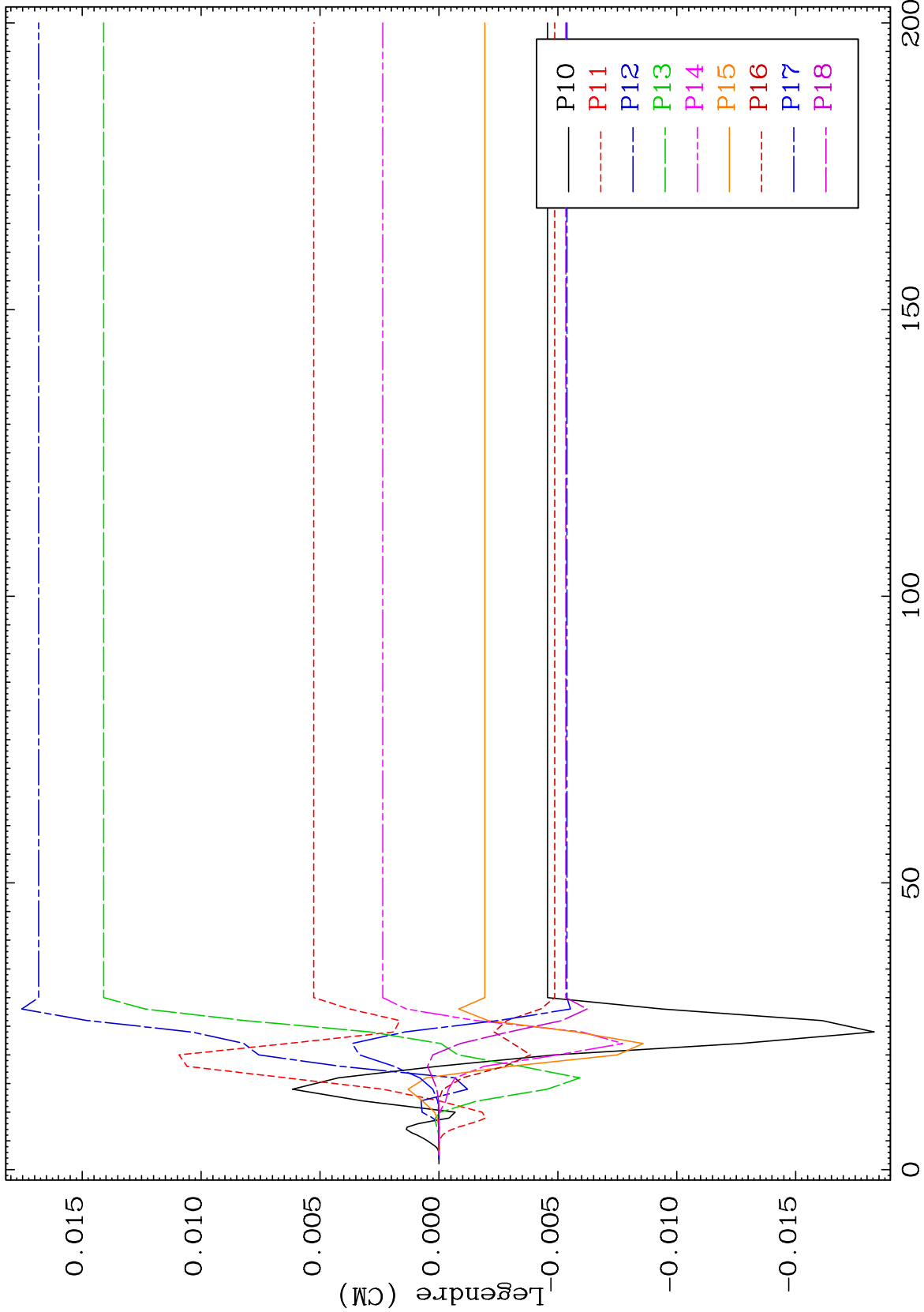
74-W -177

Legendre Coefficients



38

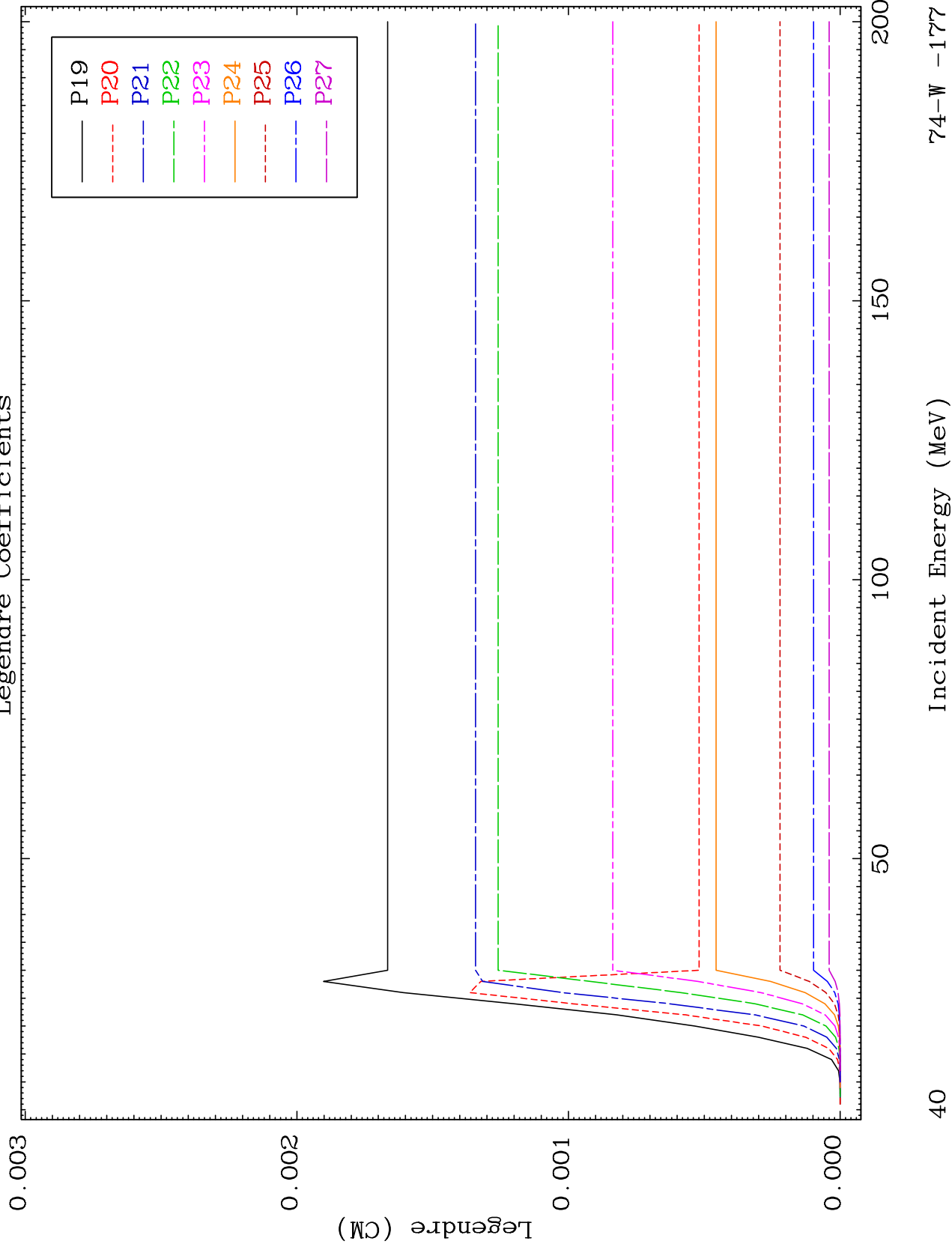
74-W -177



MAT 7416

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

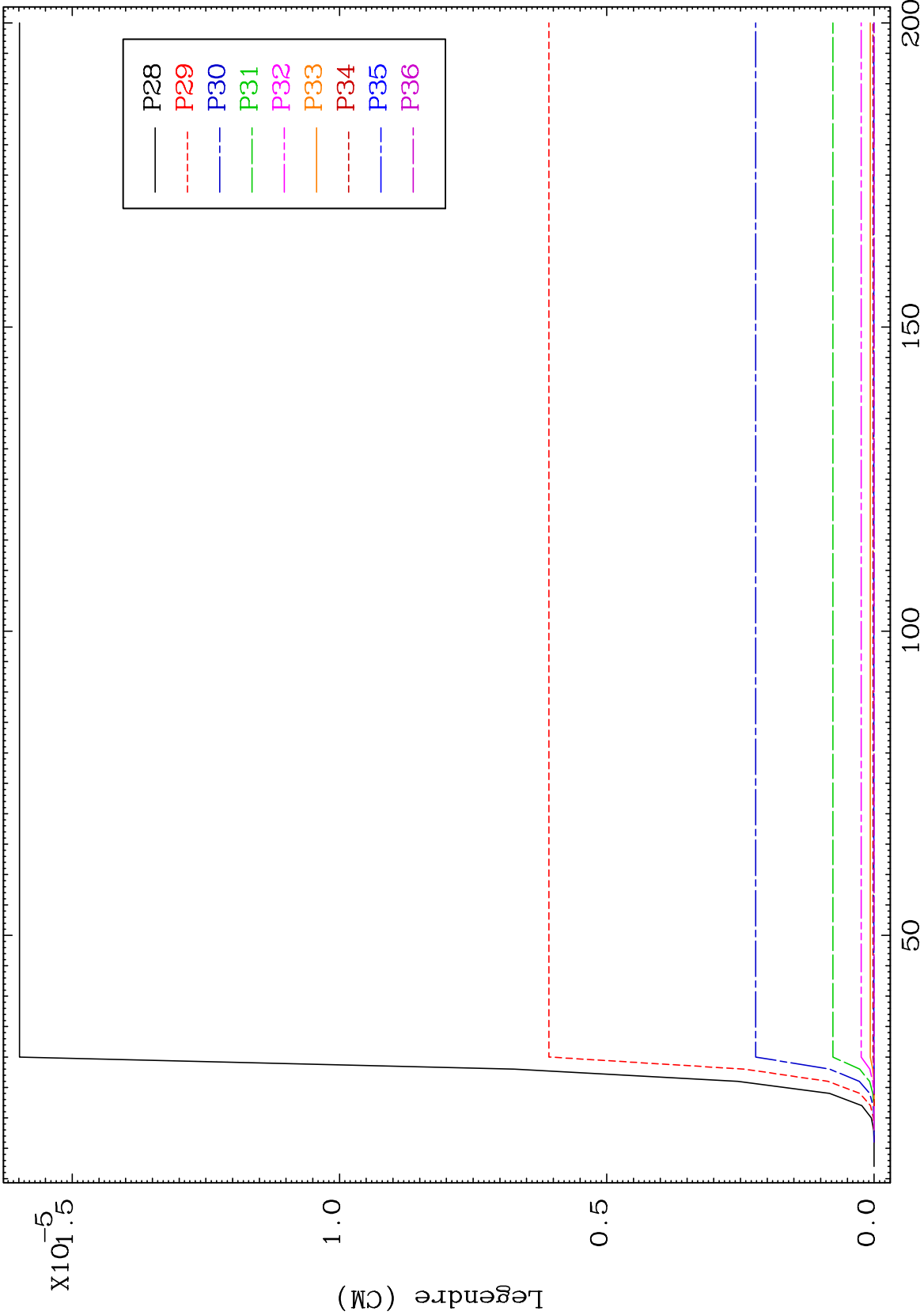
74-W -177



74-W -177

Incident Energy (MeV)

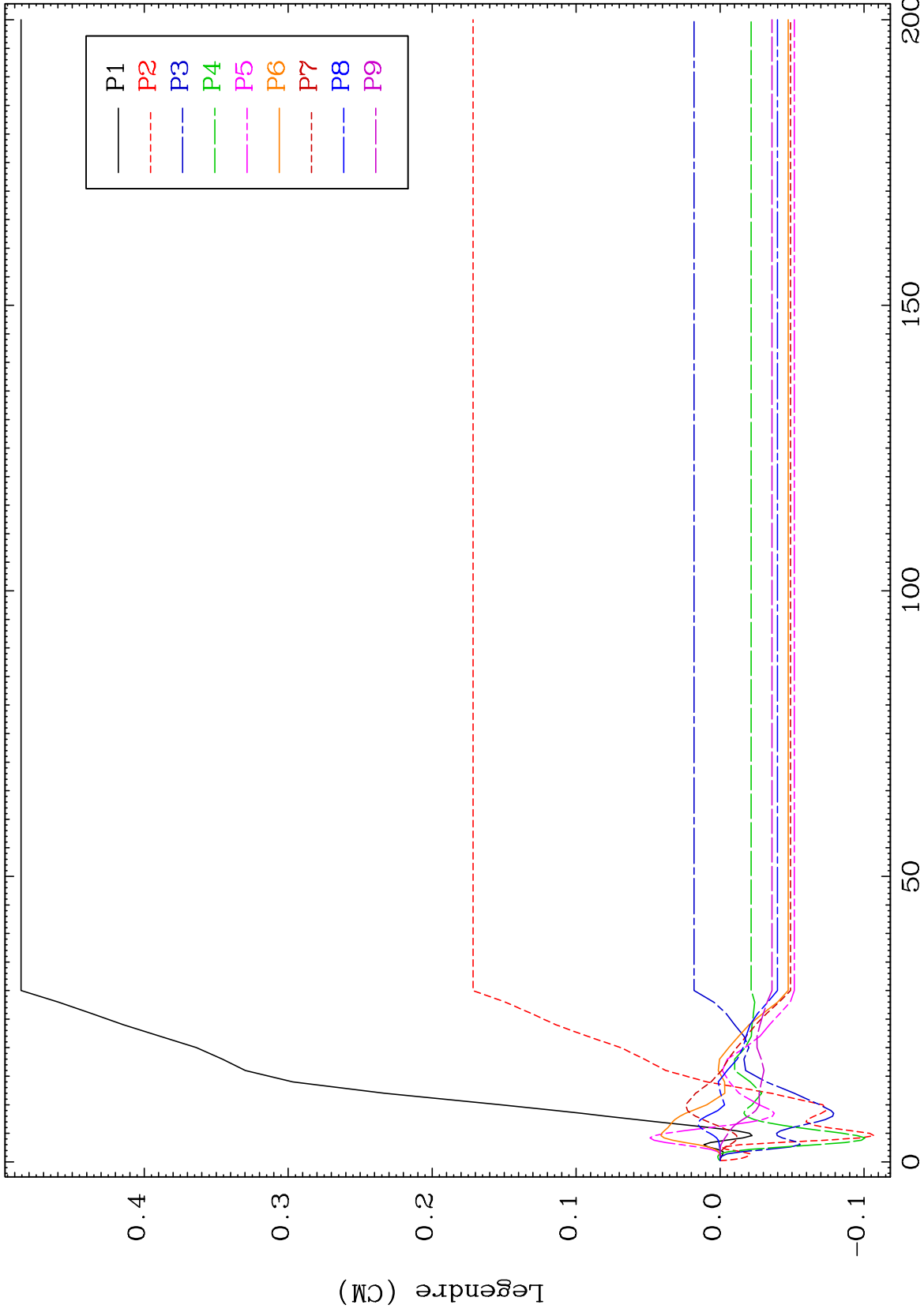
40



MAT 7416

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

74-W -177



42

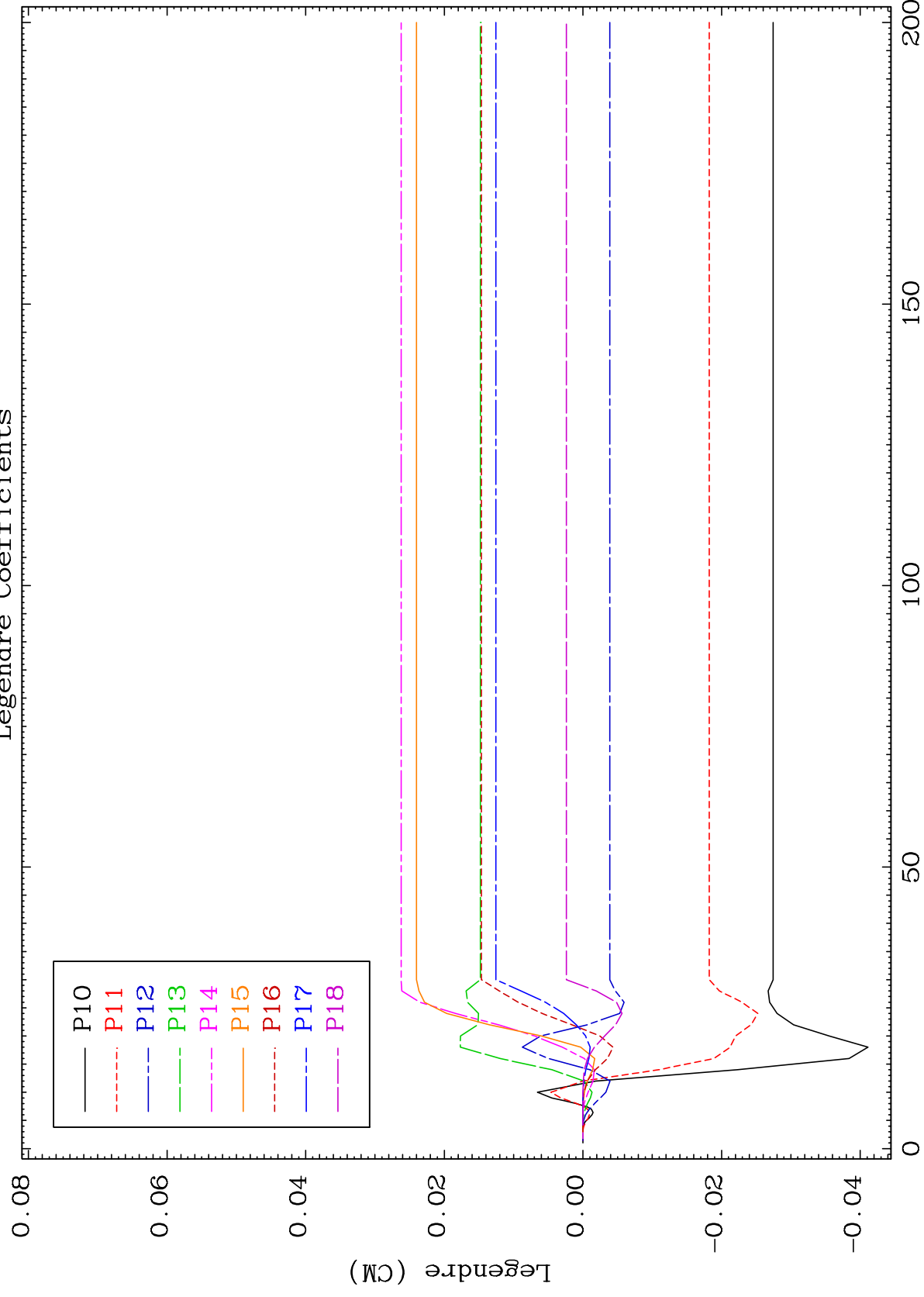
Incident Energy (MeV)

74-W -177

MAT 7416

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

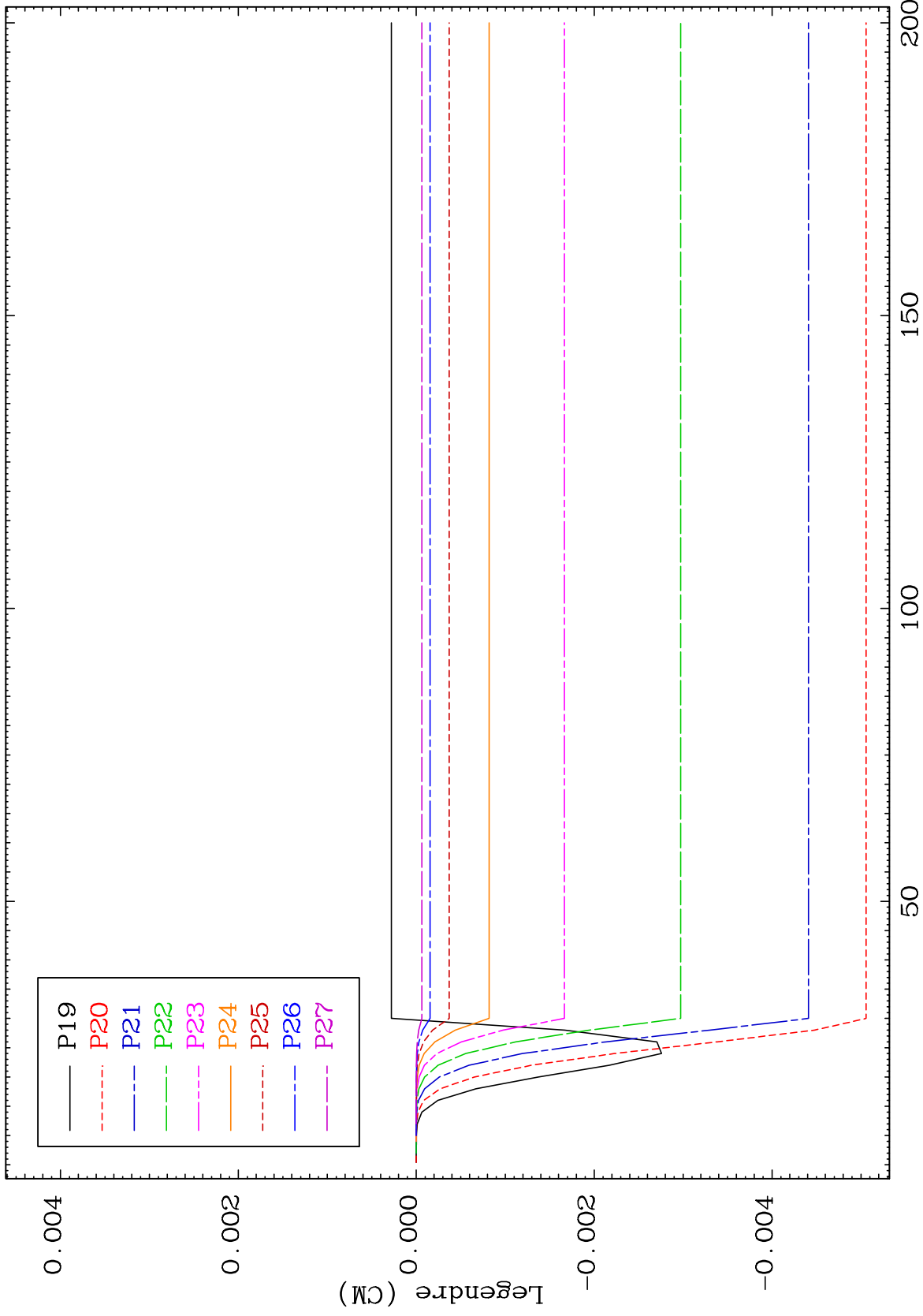
74-W -177



43

Incident Energy (MeV)

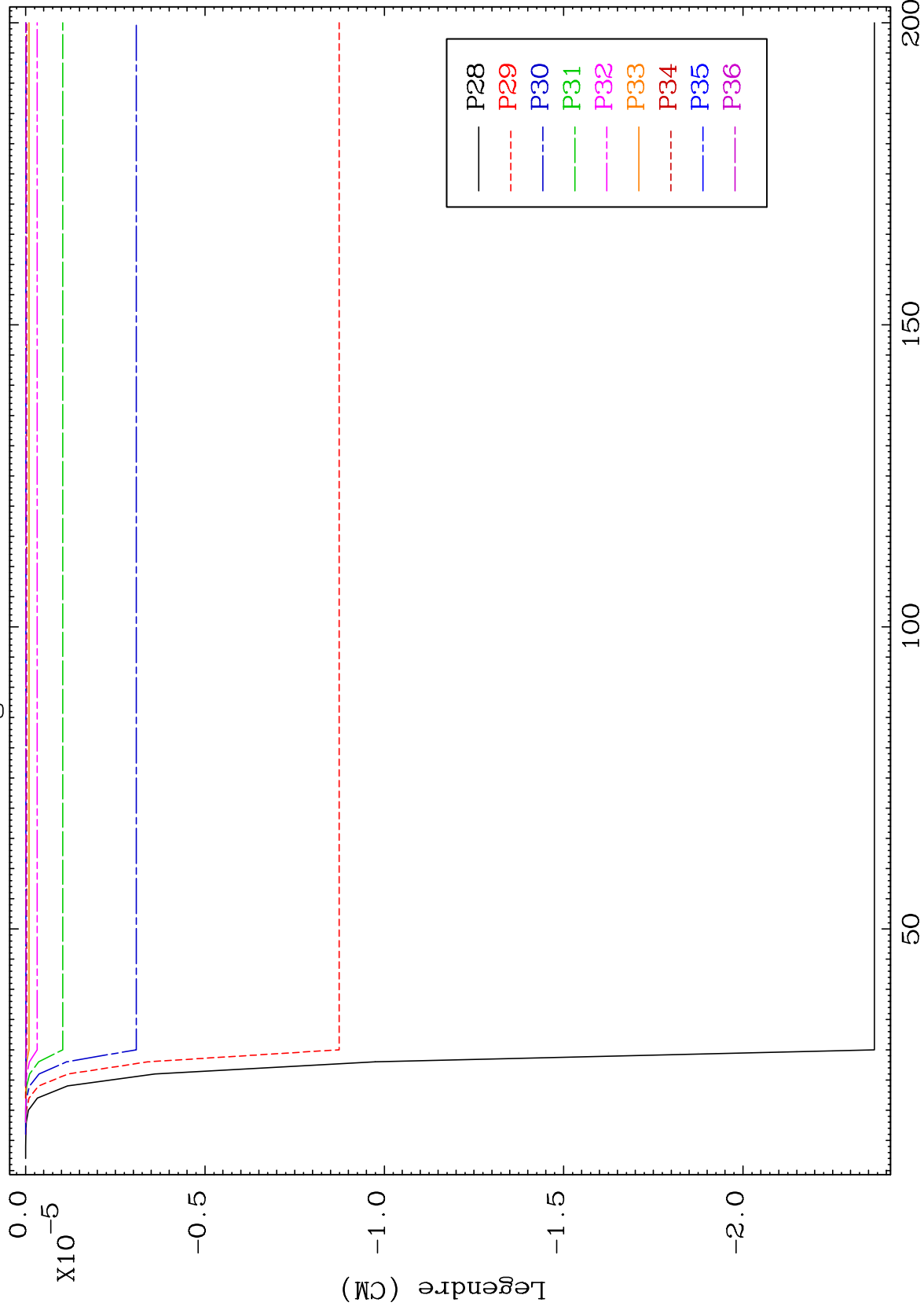
74-W -177



MAT 7416

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

74-W -177



74-W -177

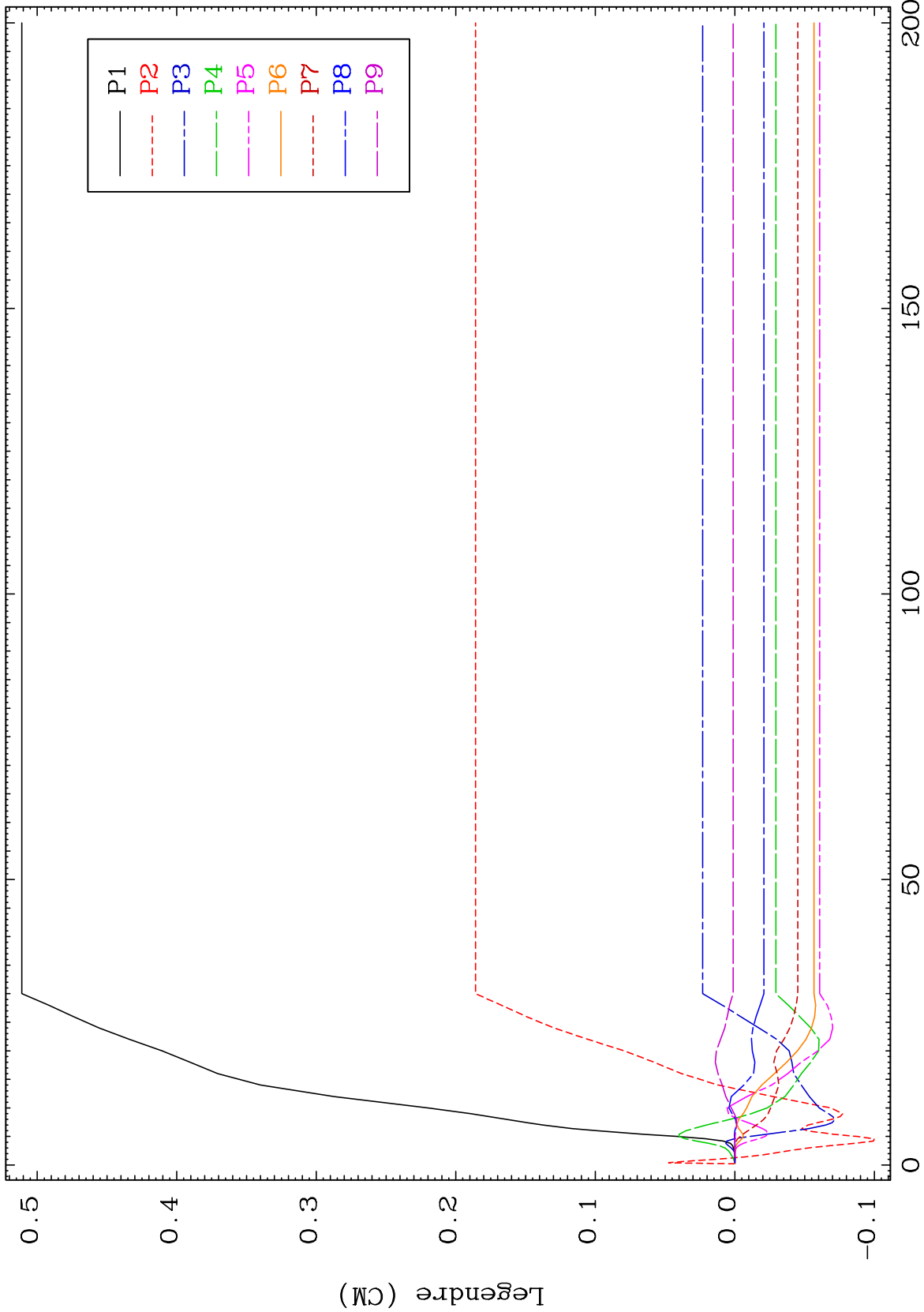
Incident Energy (MeV)

45

MAT 7416

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

74-W -177



46

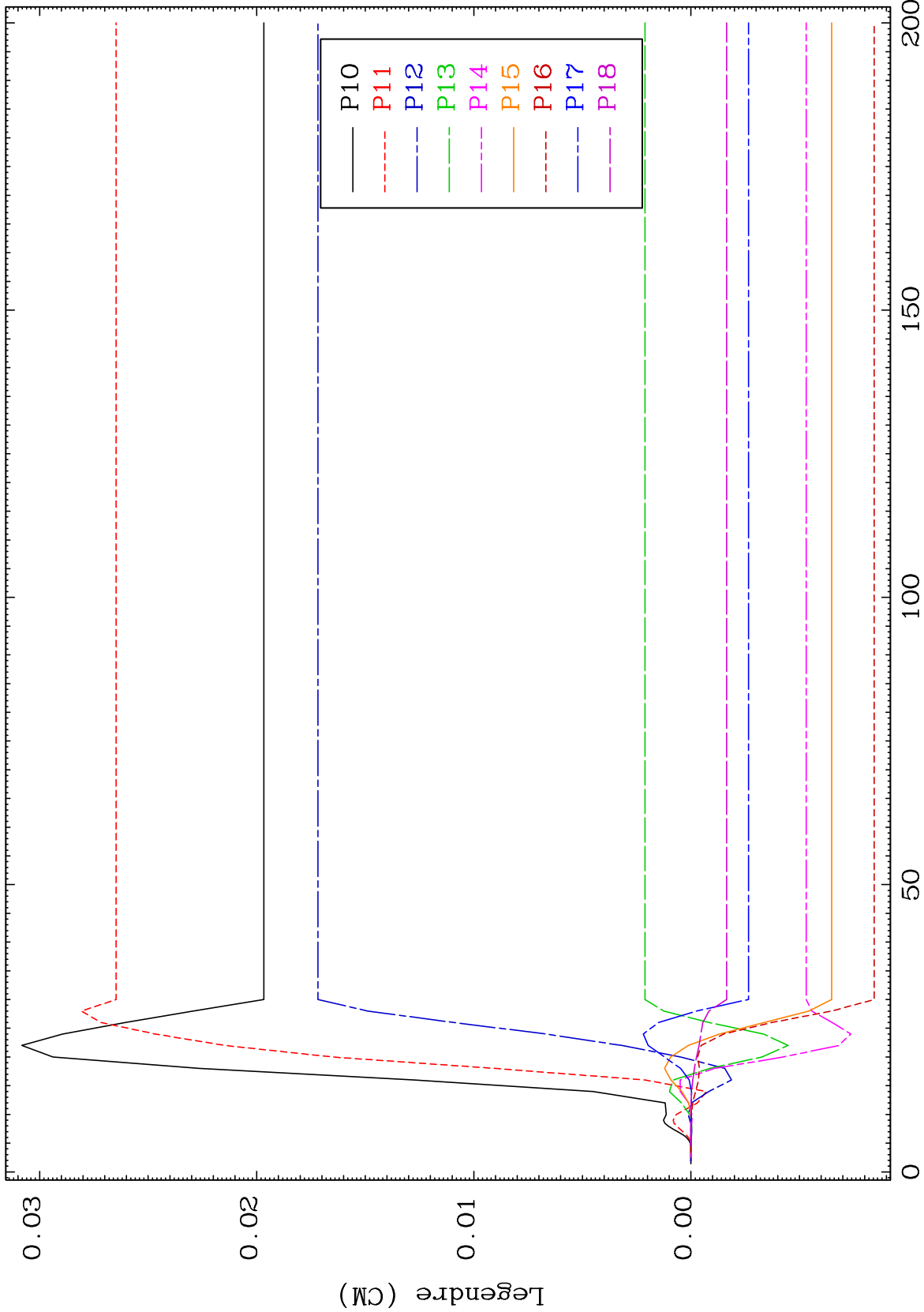
Incident Energy (MeV)

74-W -177

MAT 7416

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

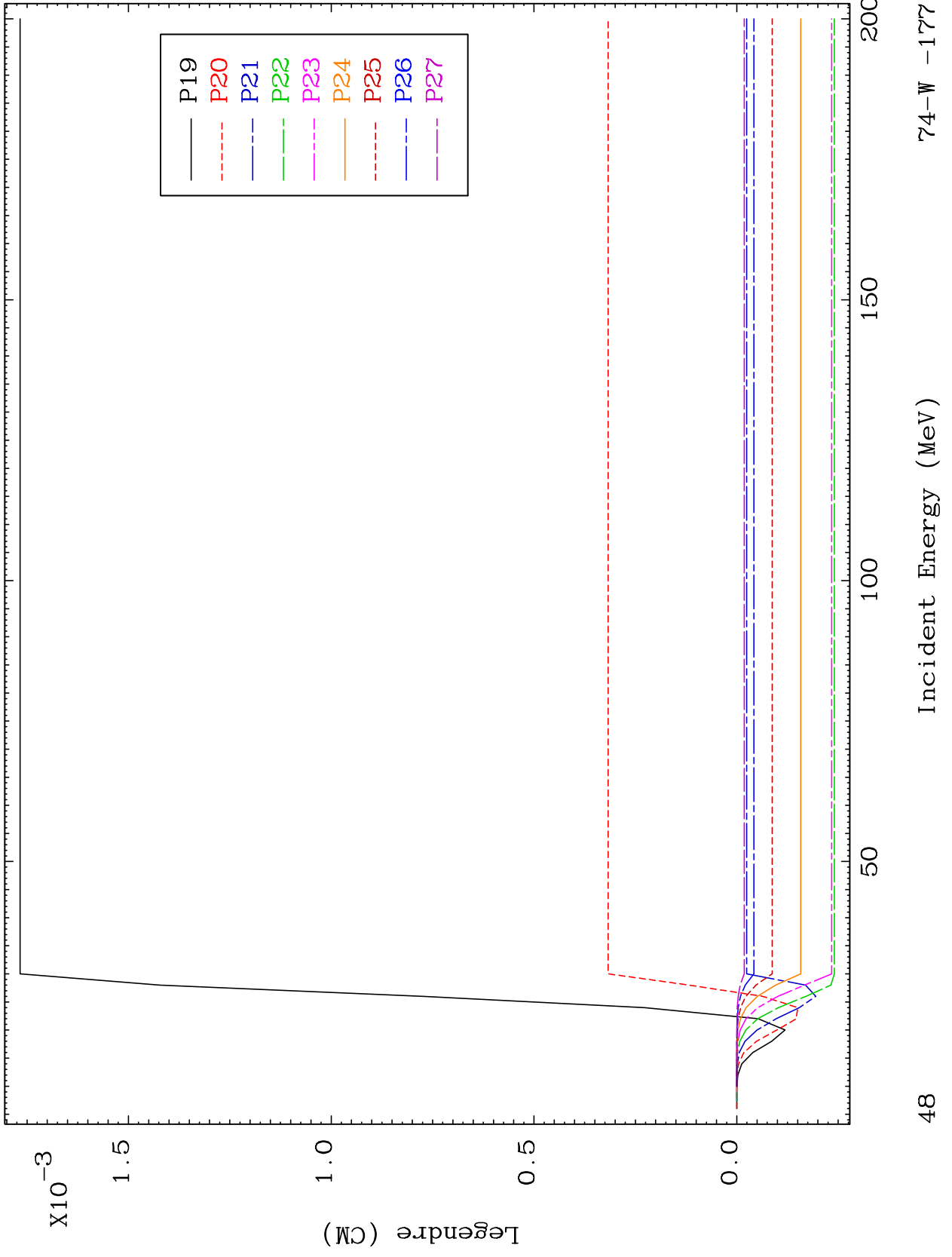
74-W -177



47

Incident Energy (MeV)

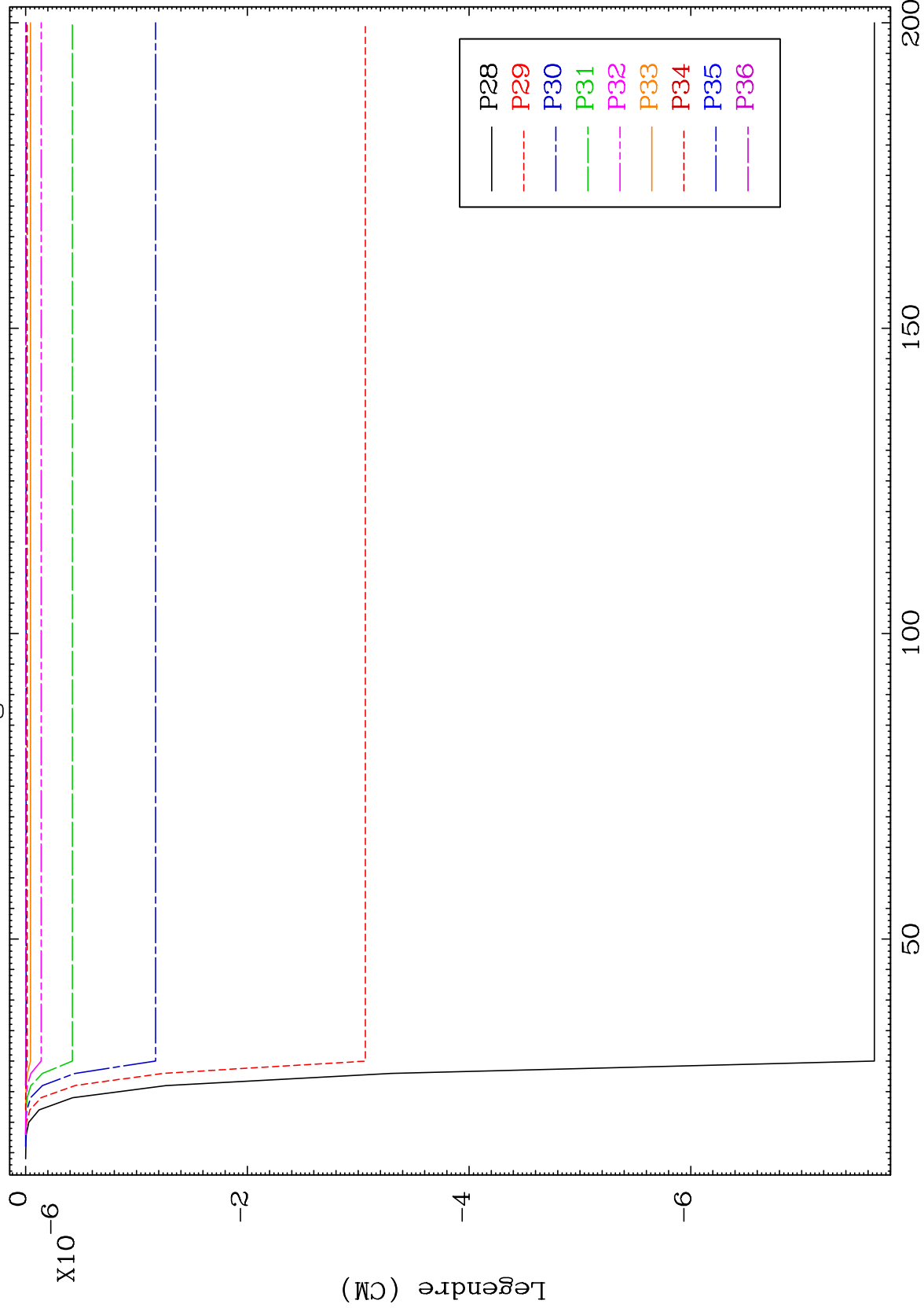
74-W -177



MAT 7416

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

74-W -177



49

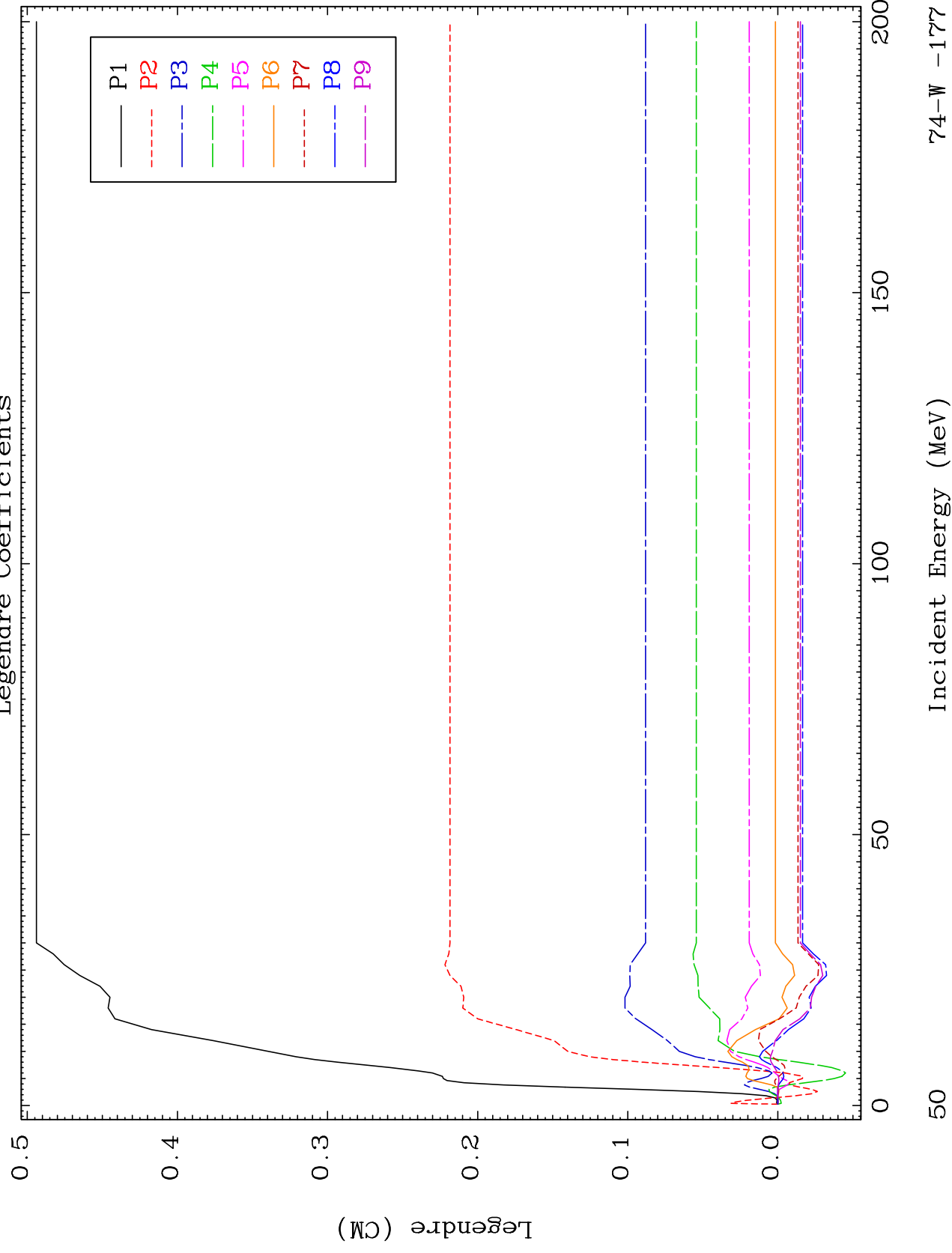
Incident Energy (MeV)

74-W -177

MAT 7416

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

74-W -177



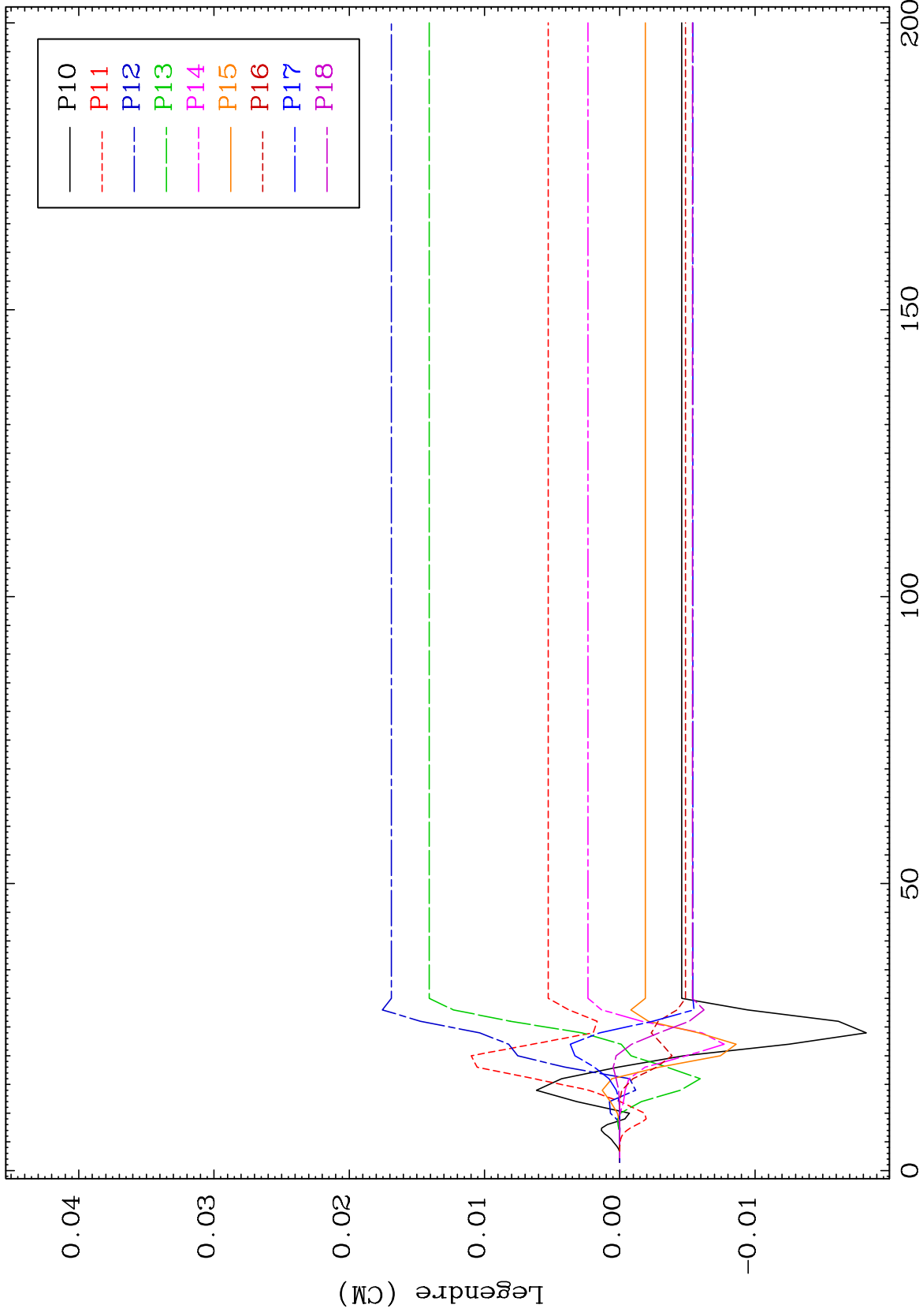
74-W -177

Incident Energy (MeV)

MAT 7416

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

74-W -177



51

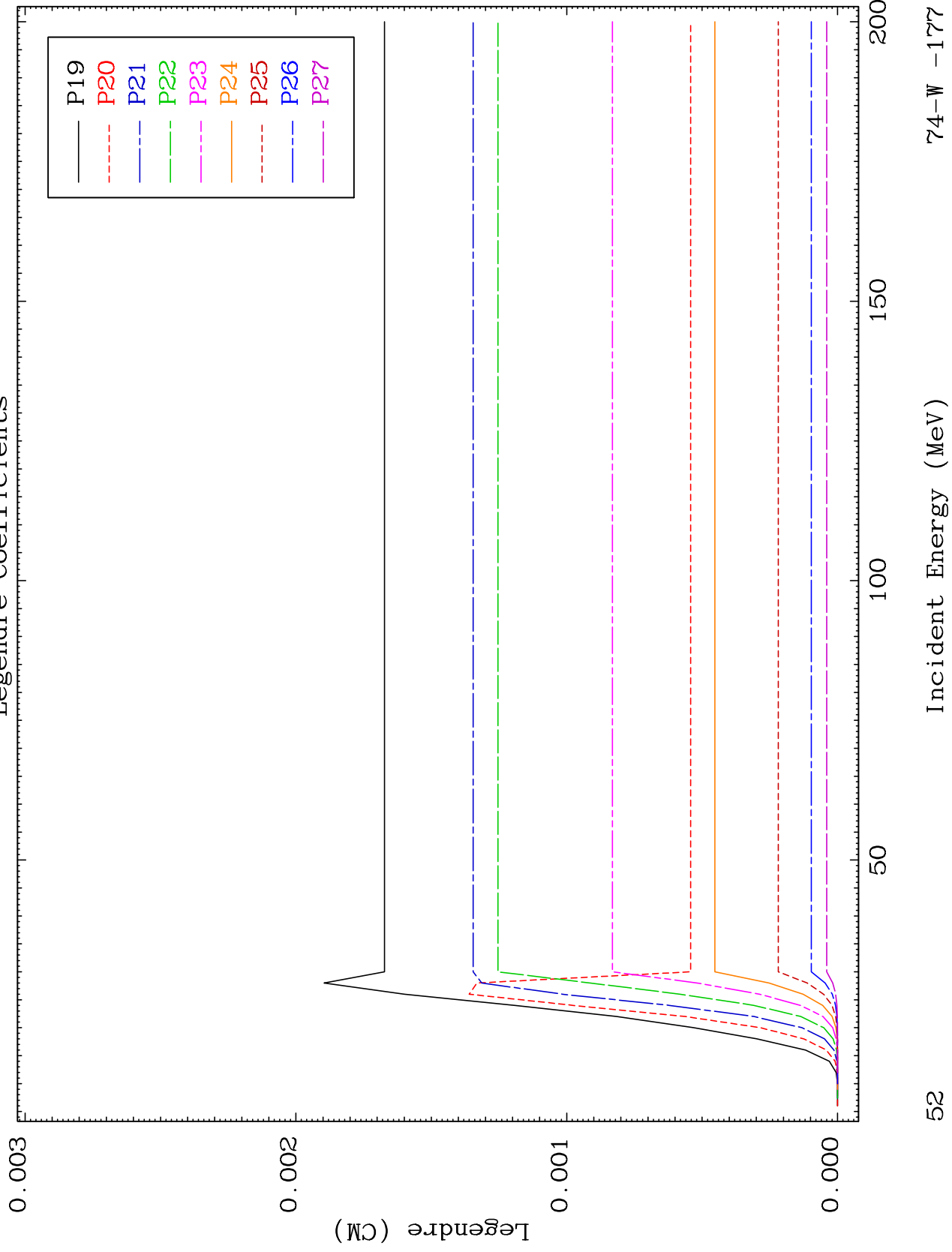
Incident Energy (MeV)

74-W -177

MAT 7416

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

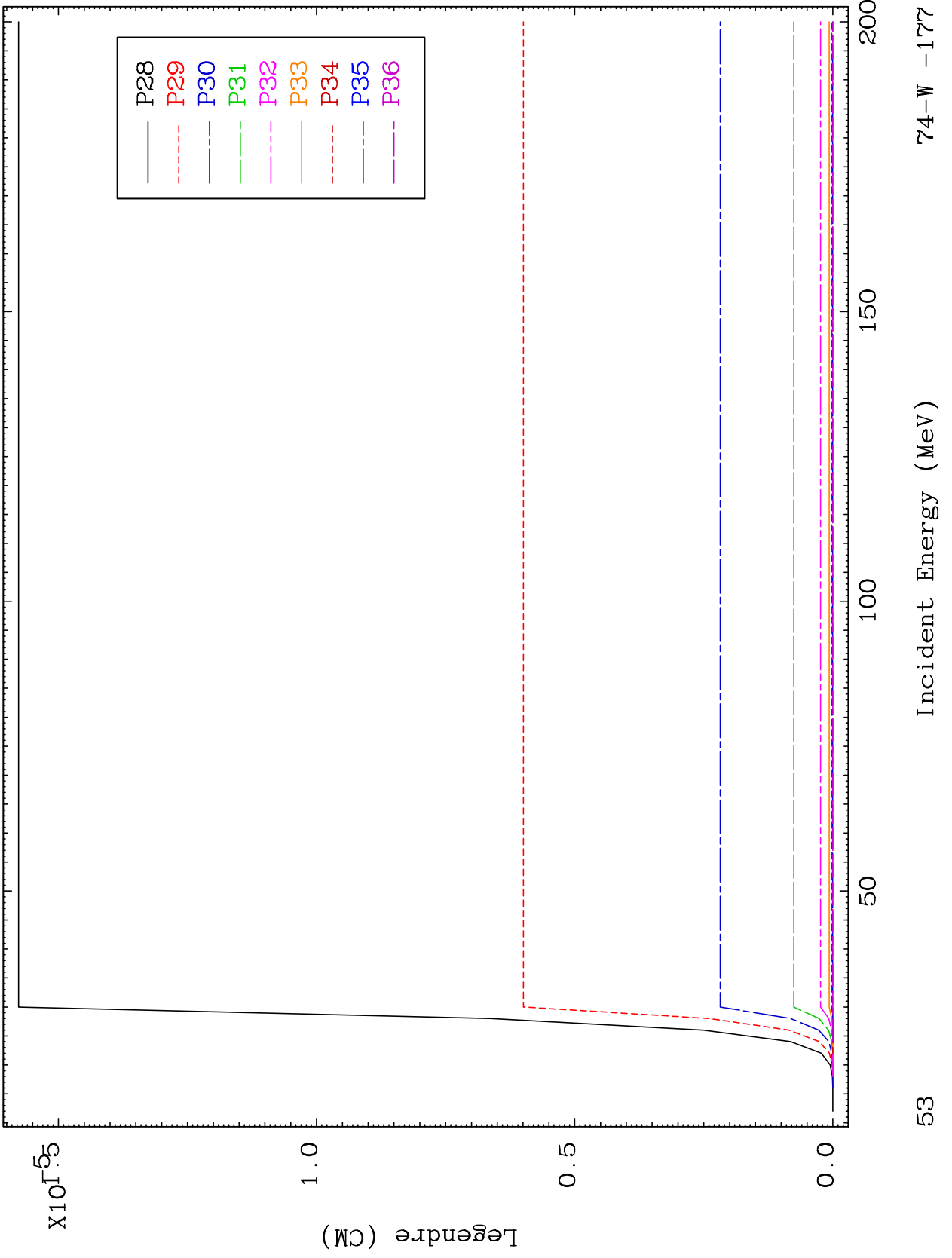
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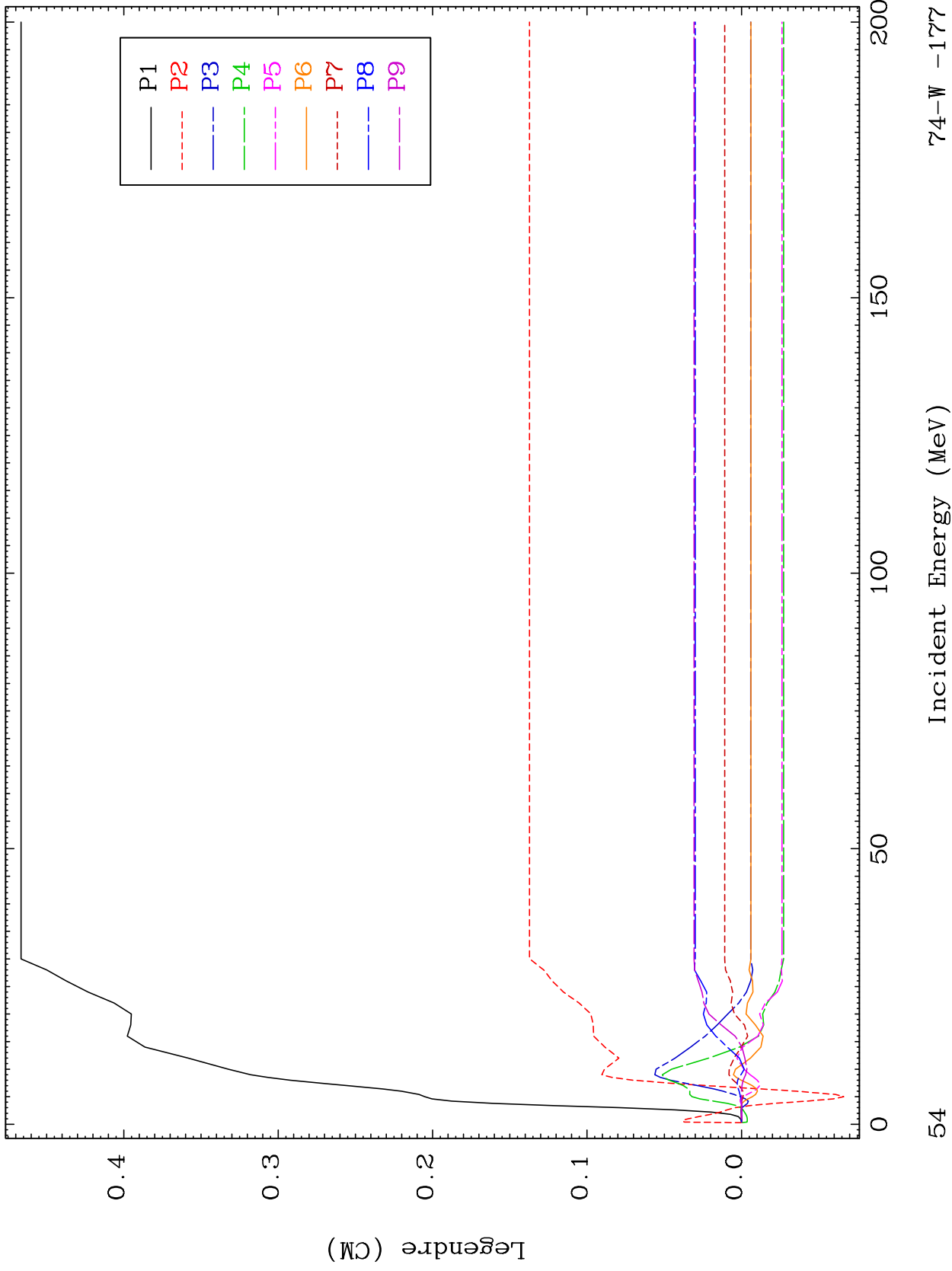


52

Incident Energy (MeV)

74-W -177

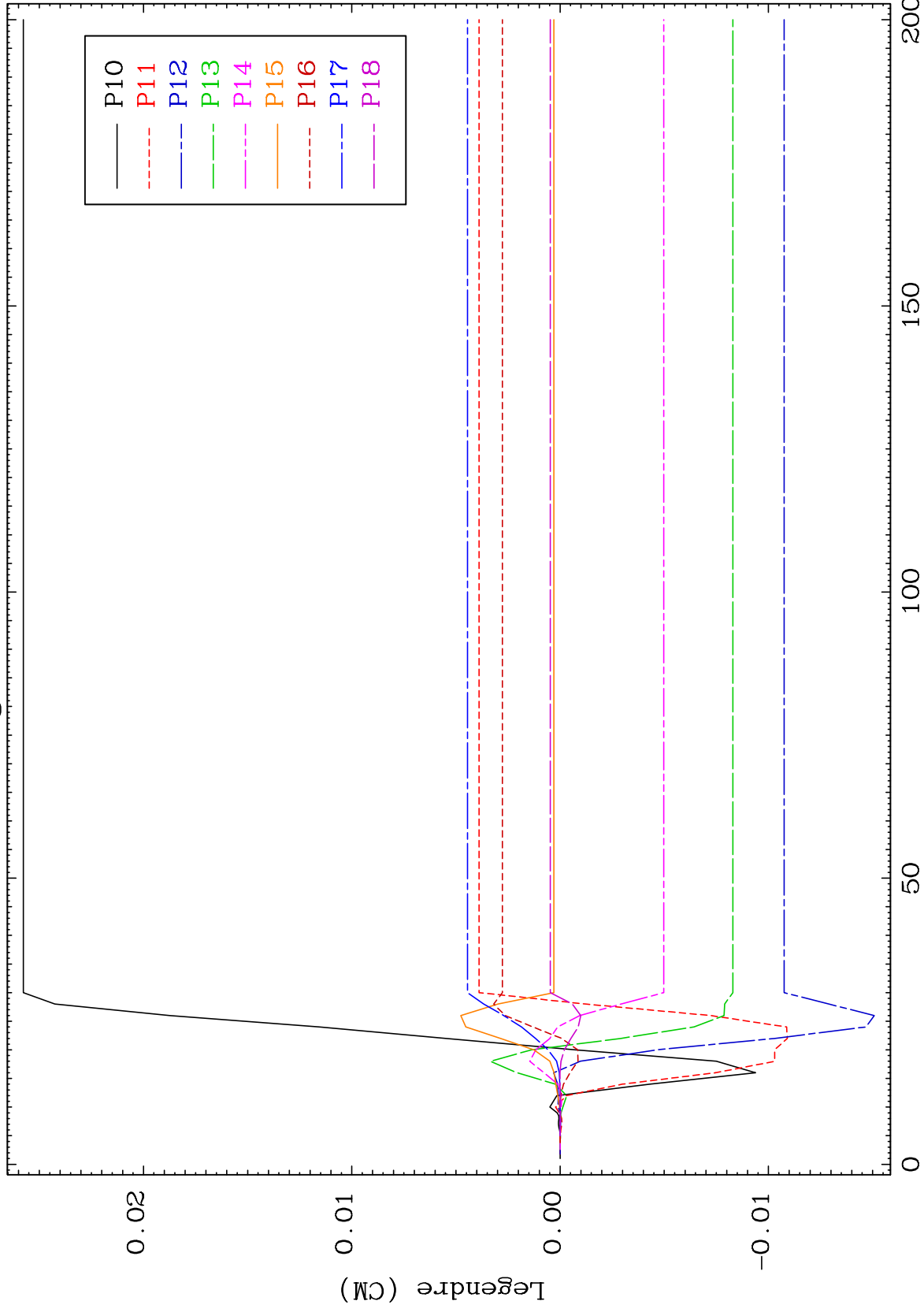




MAT 7416

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

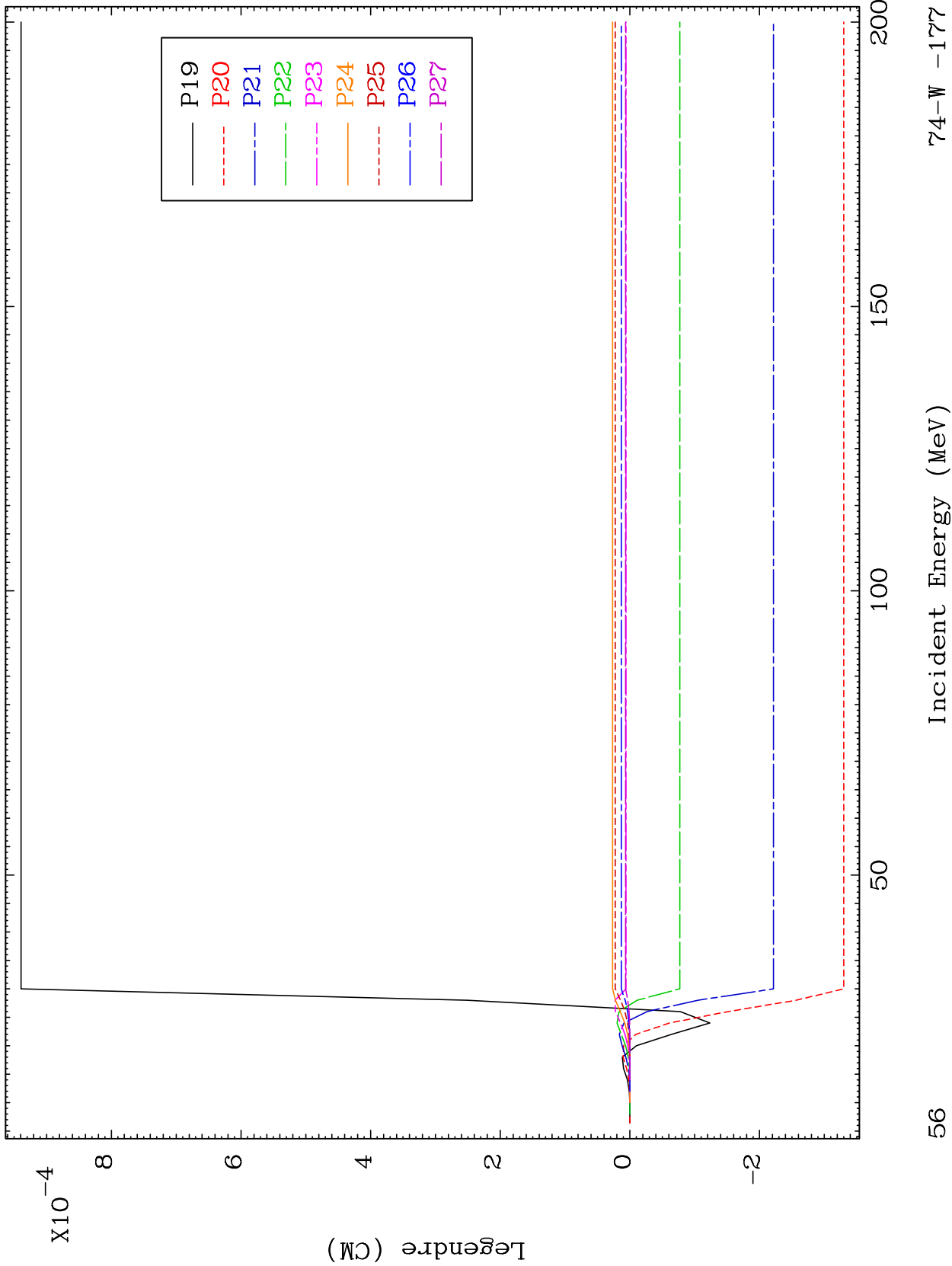
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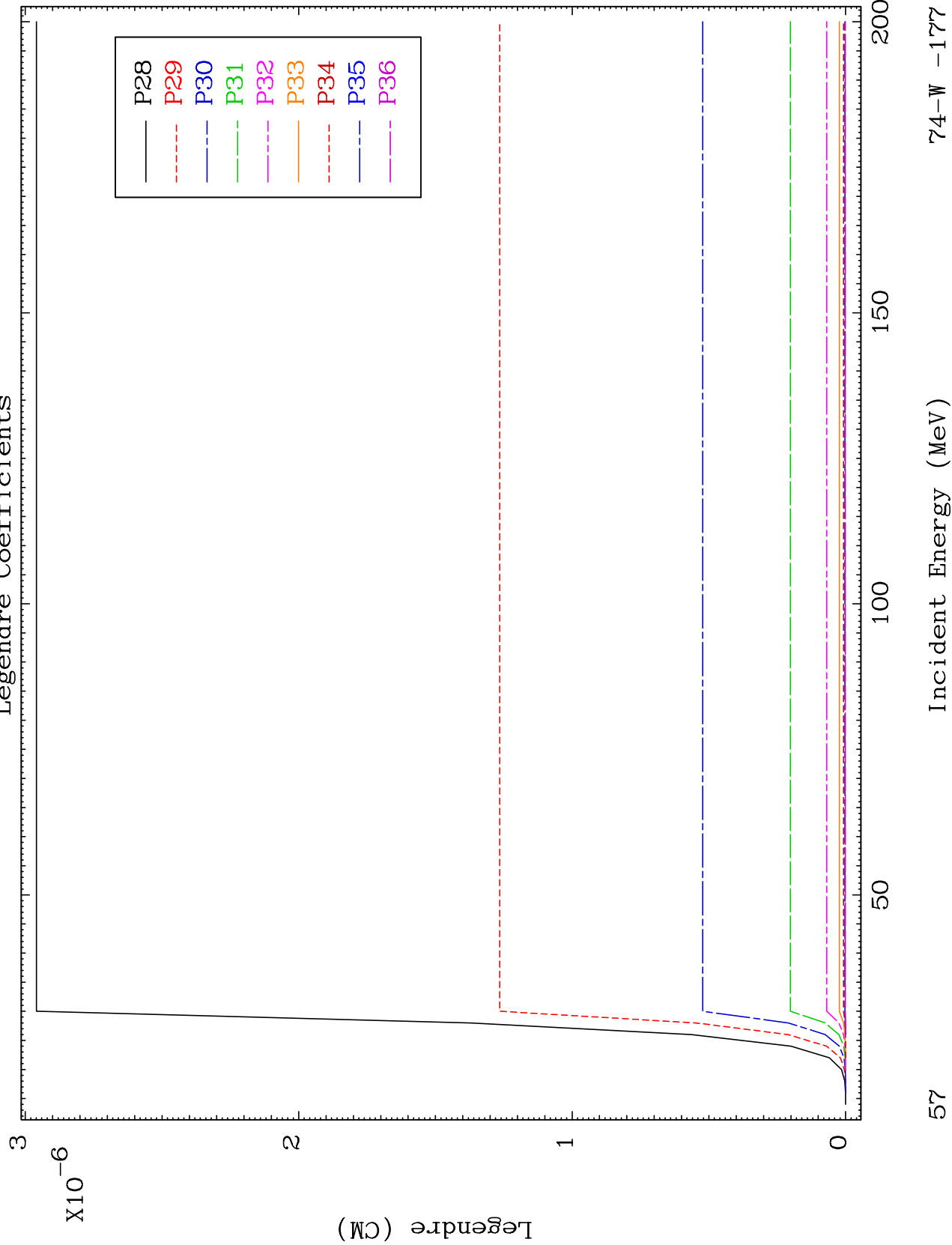


55

Incident Energy (MeV)

74-W -177

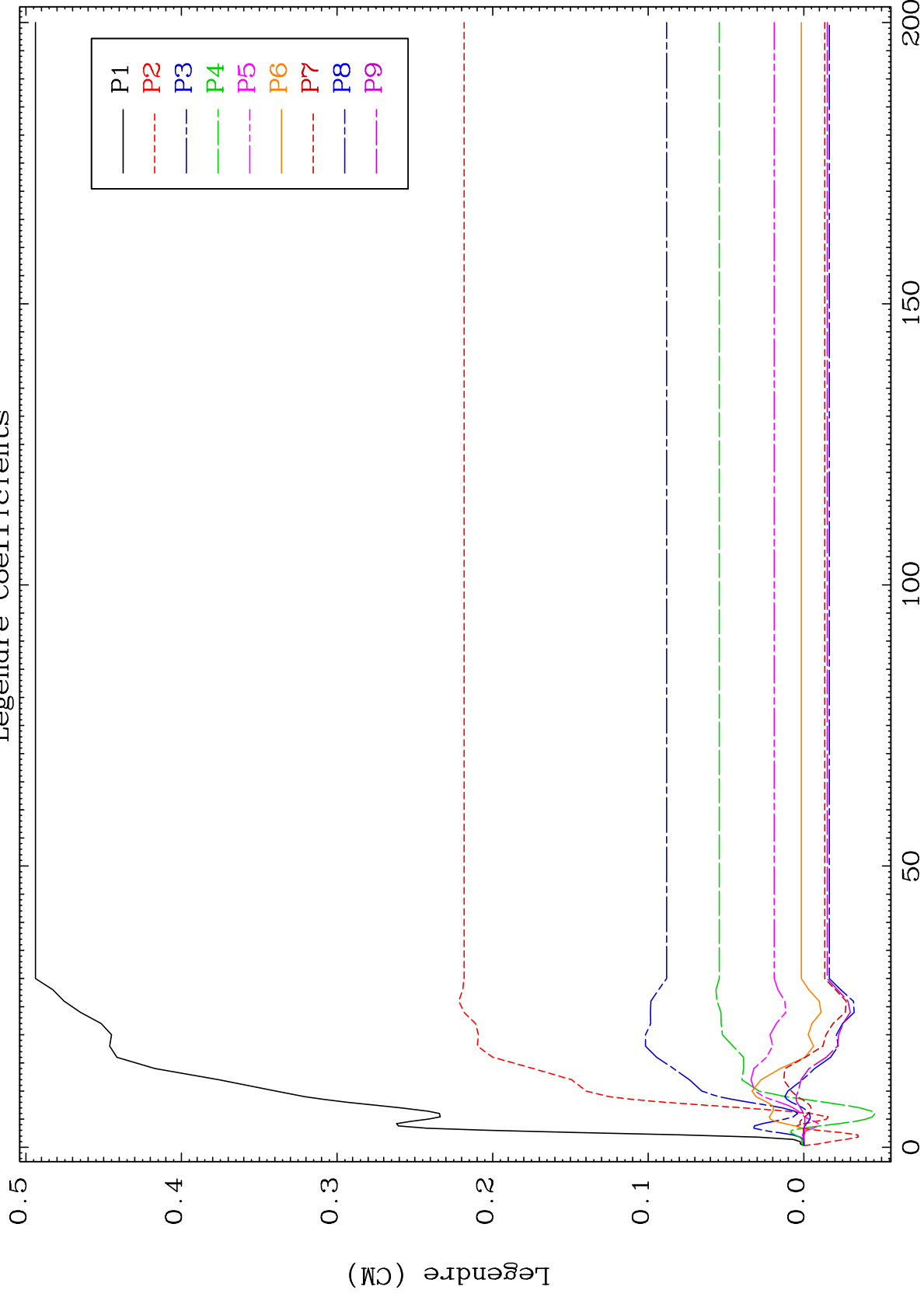




MAT 7416

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

74-W -177



58

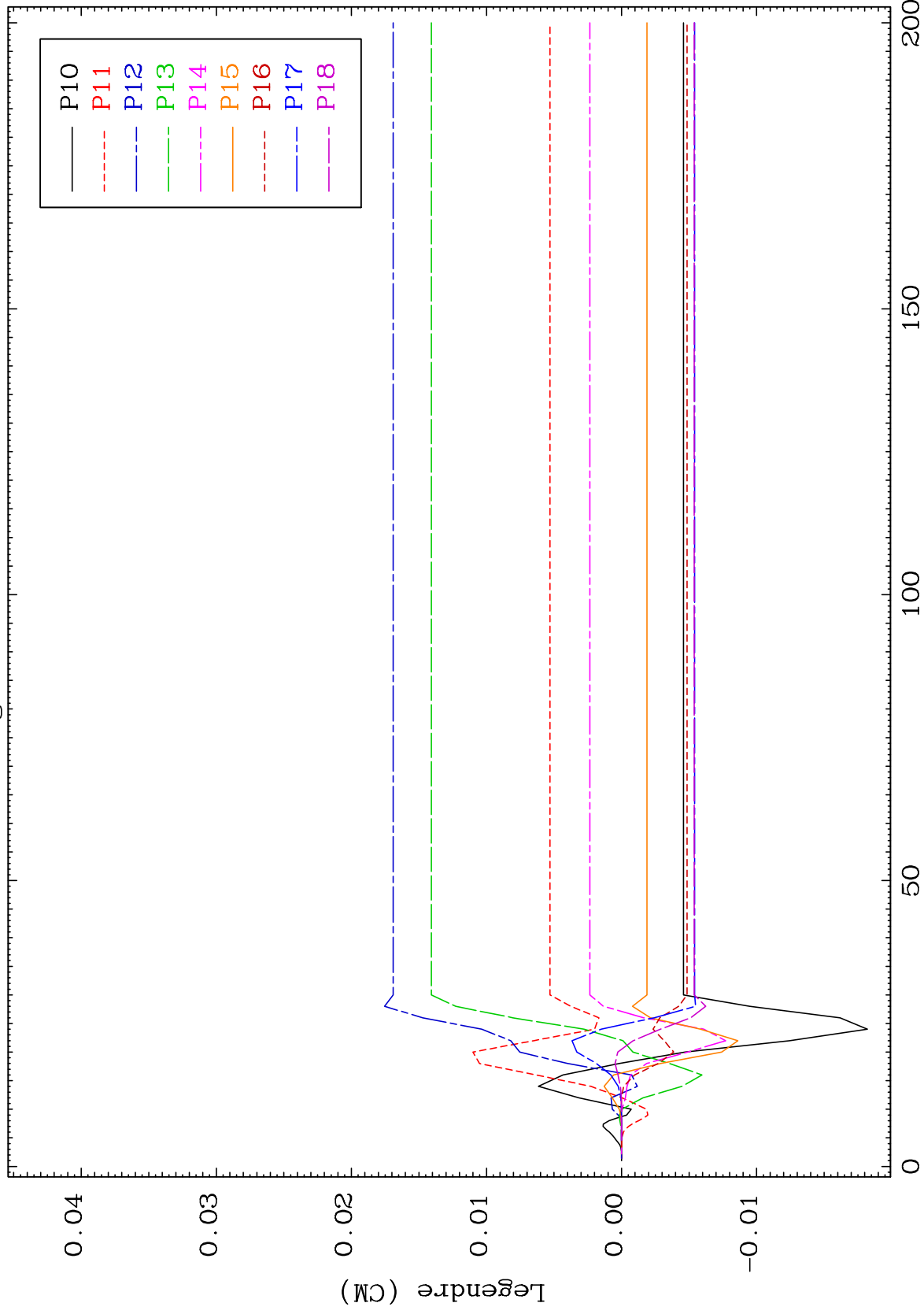
Incident Energy (MeV)

74-W -177

MAT 7416

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

74-W -177



59

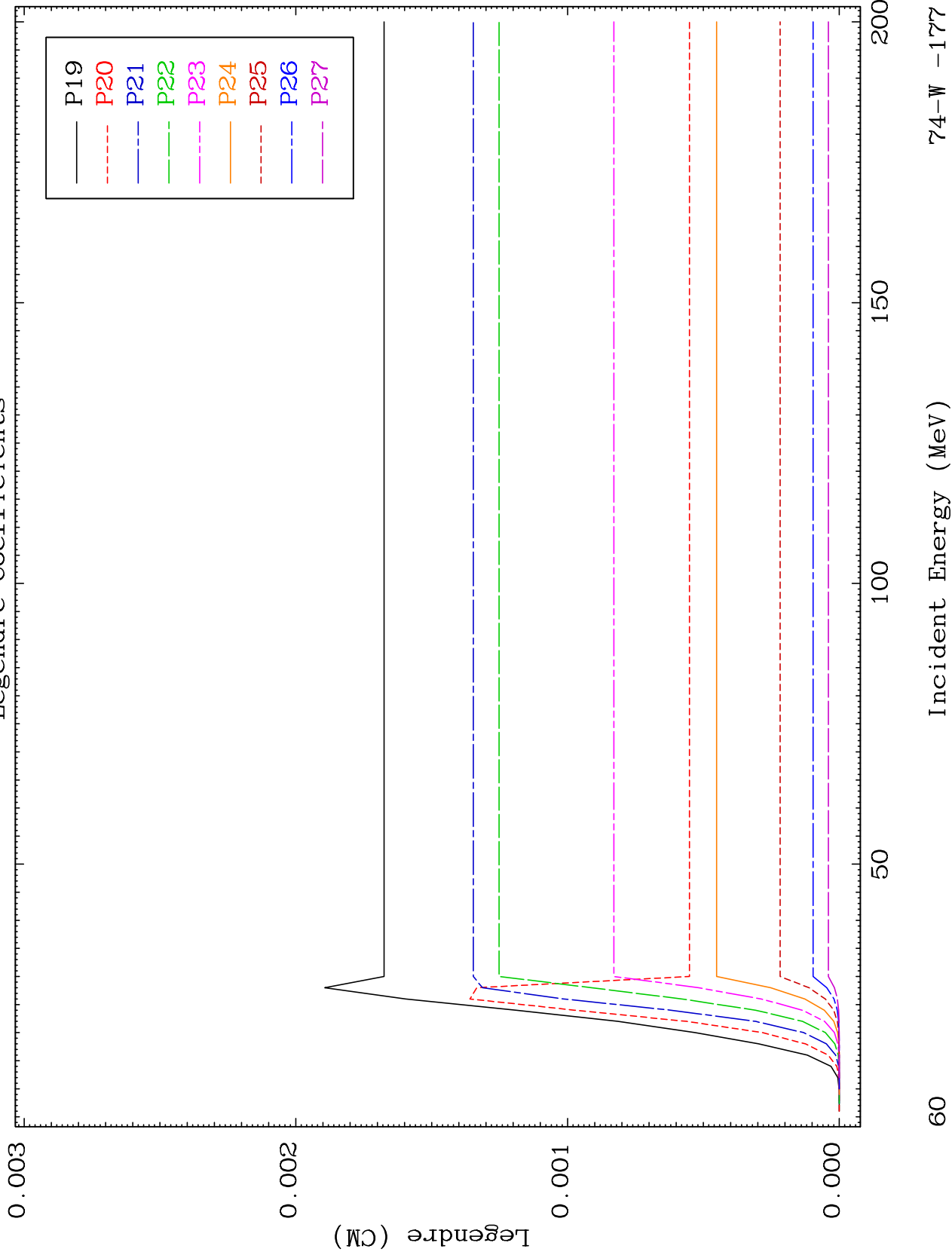
Incident Energy (MeV)

74-W -177

MAT 7416

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

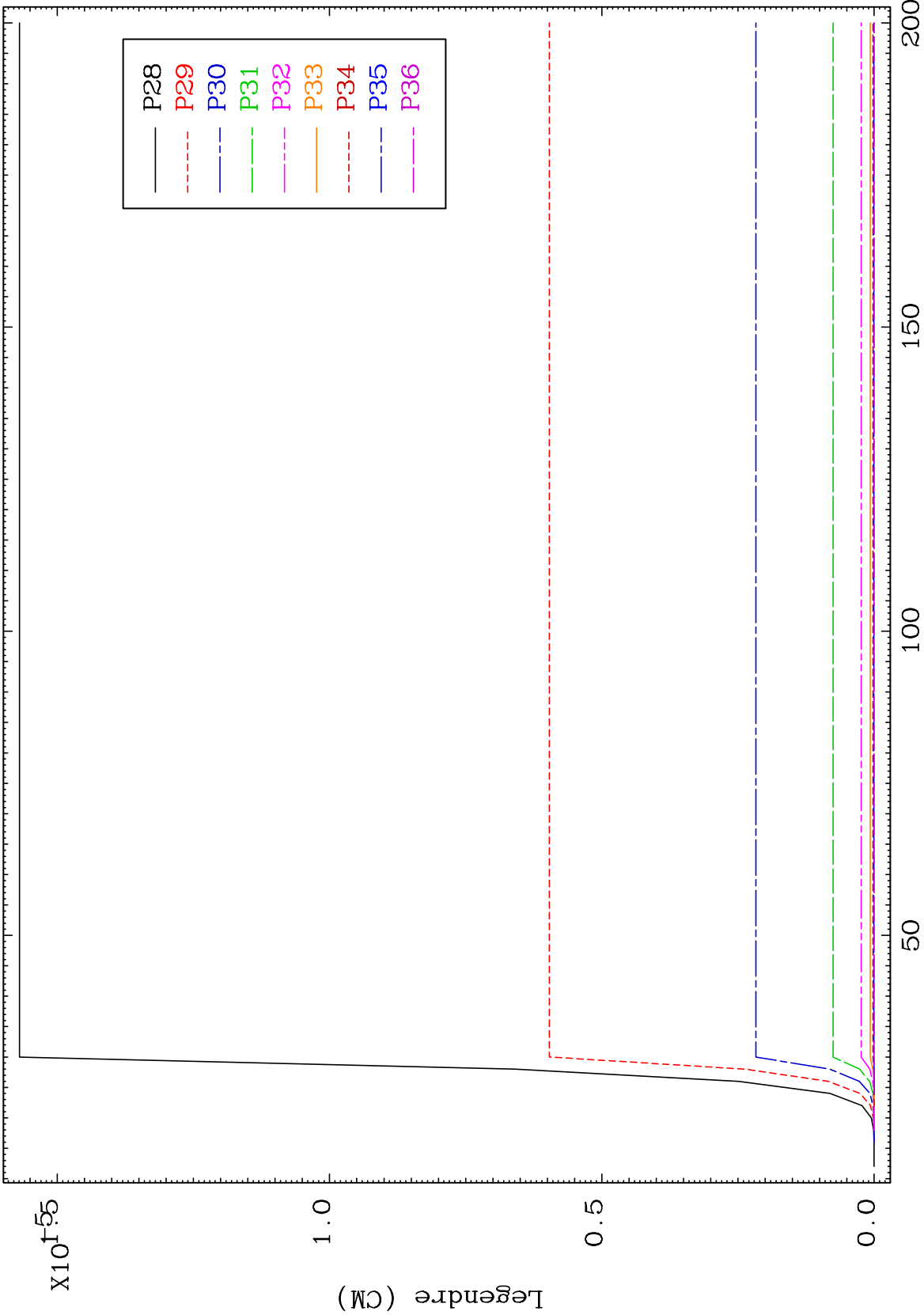
74-W -177



74-W -177

Incident Energy (MeV)

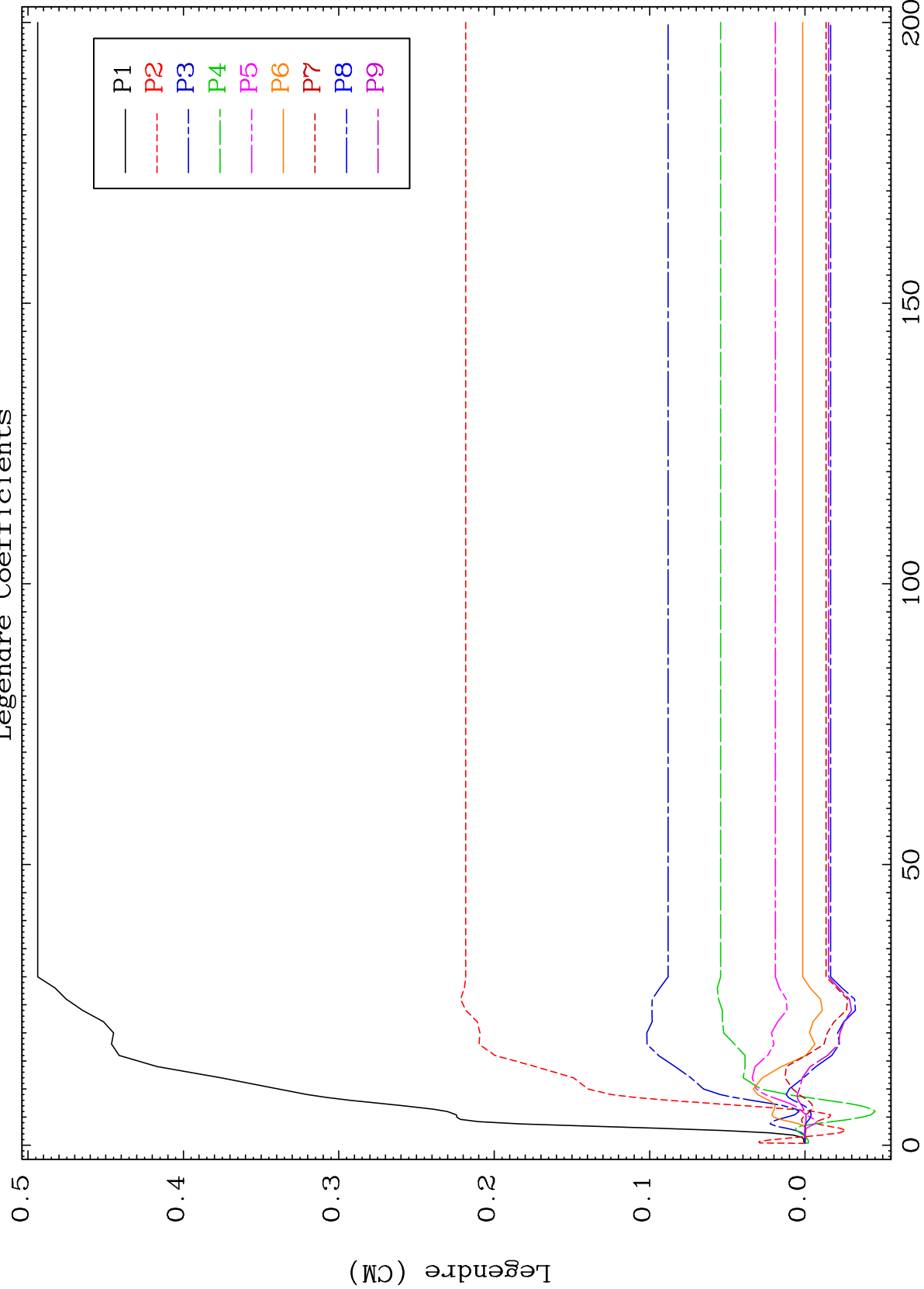
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MAT 7416

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

74-W -177



74-W -177

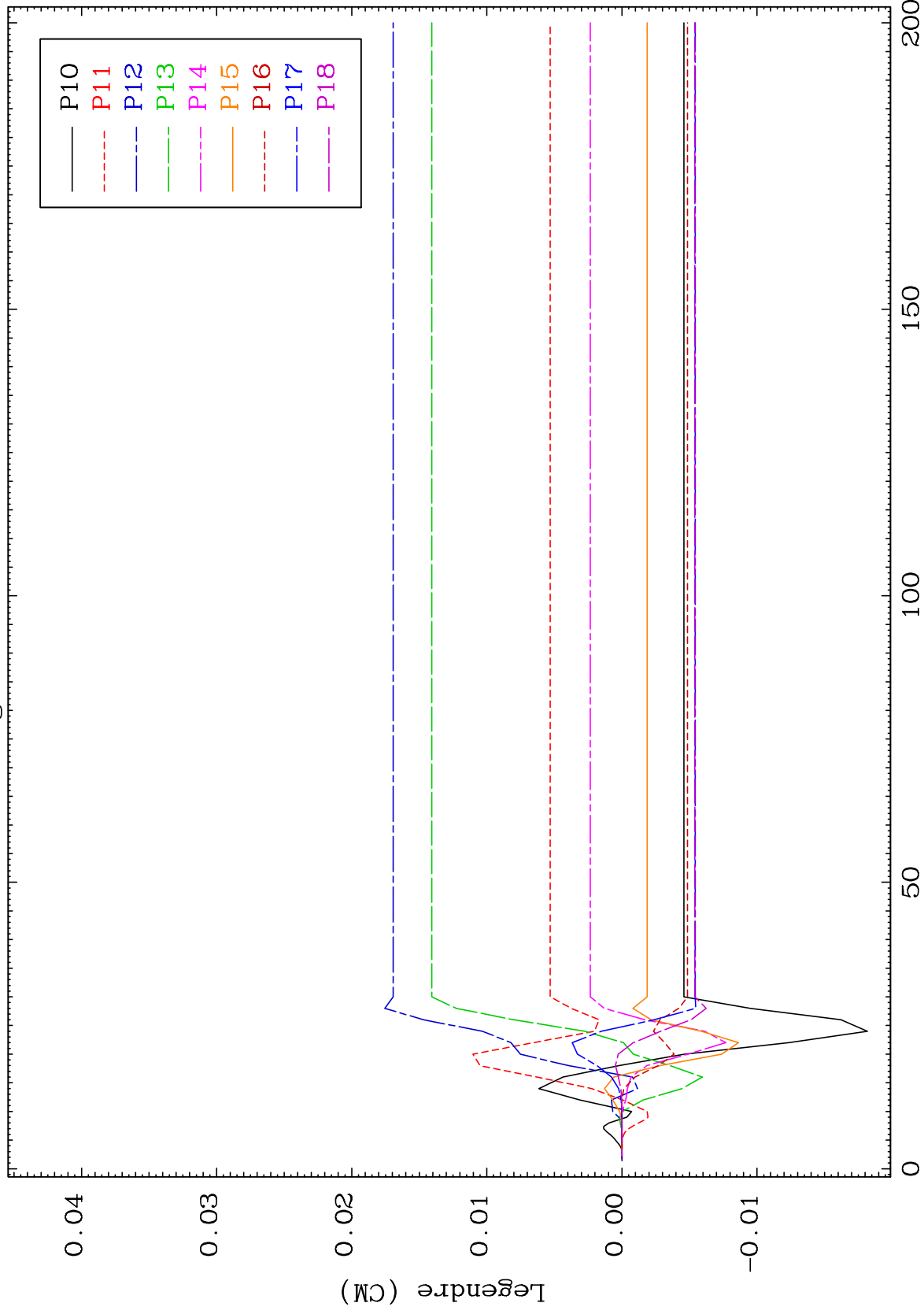
Incident Energy (MeV)

62

MAT 7416

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

74-W -177



63

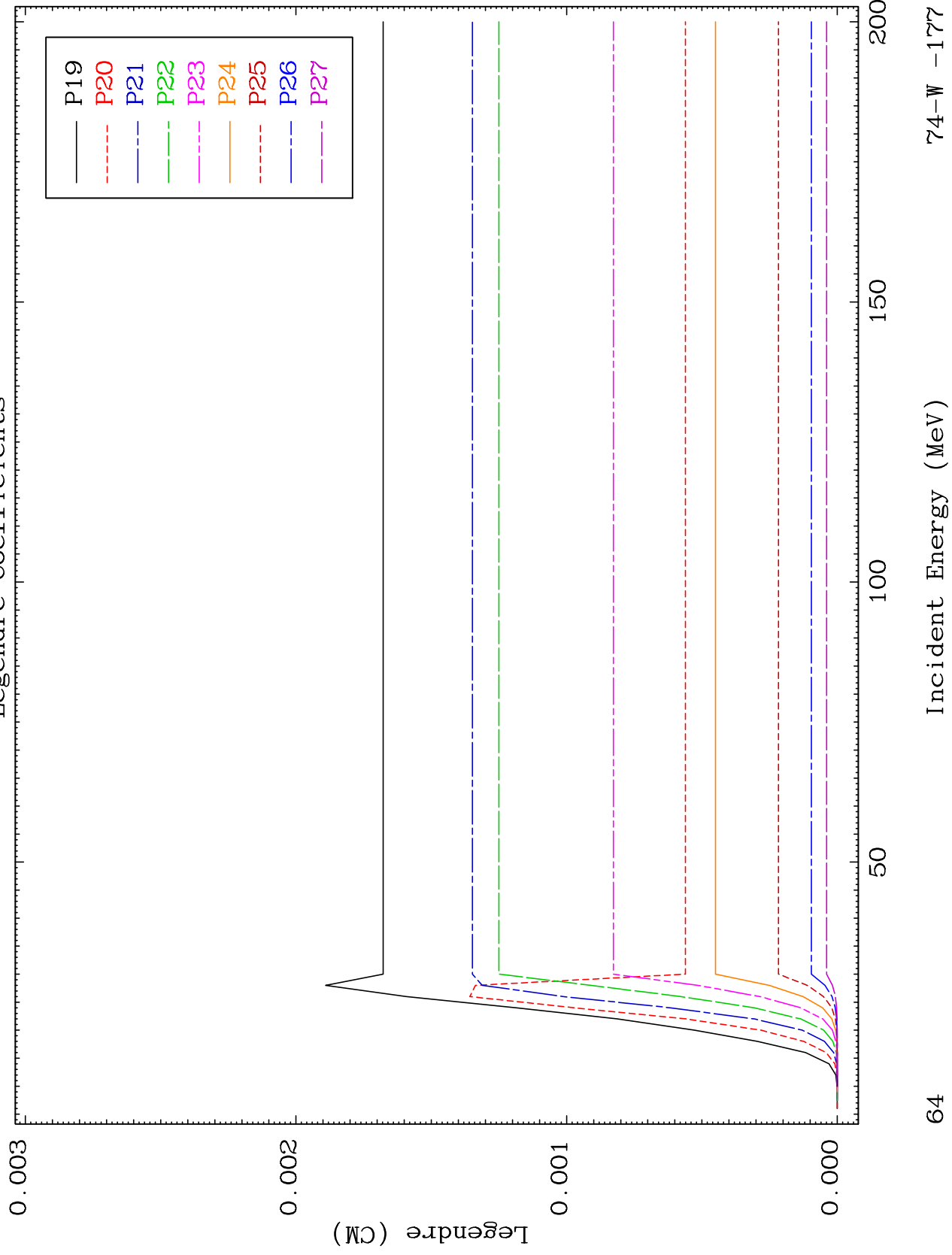
Incident Energy (MeV)

74-W -177

MAT 7416

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

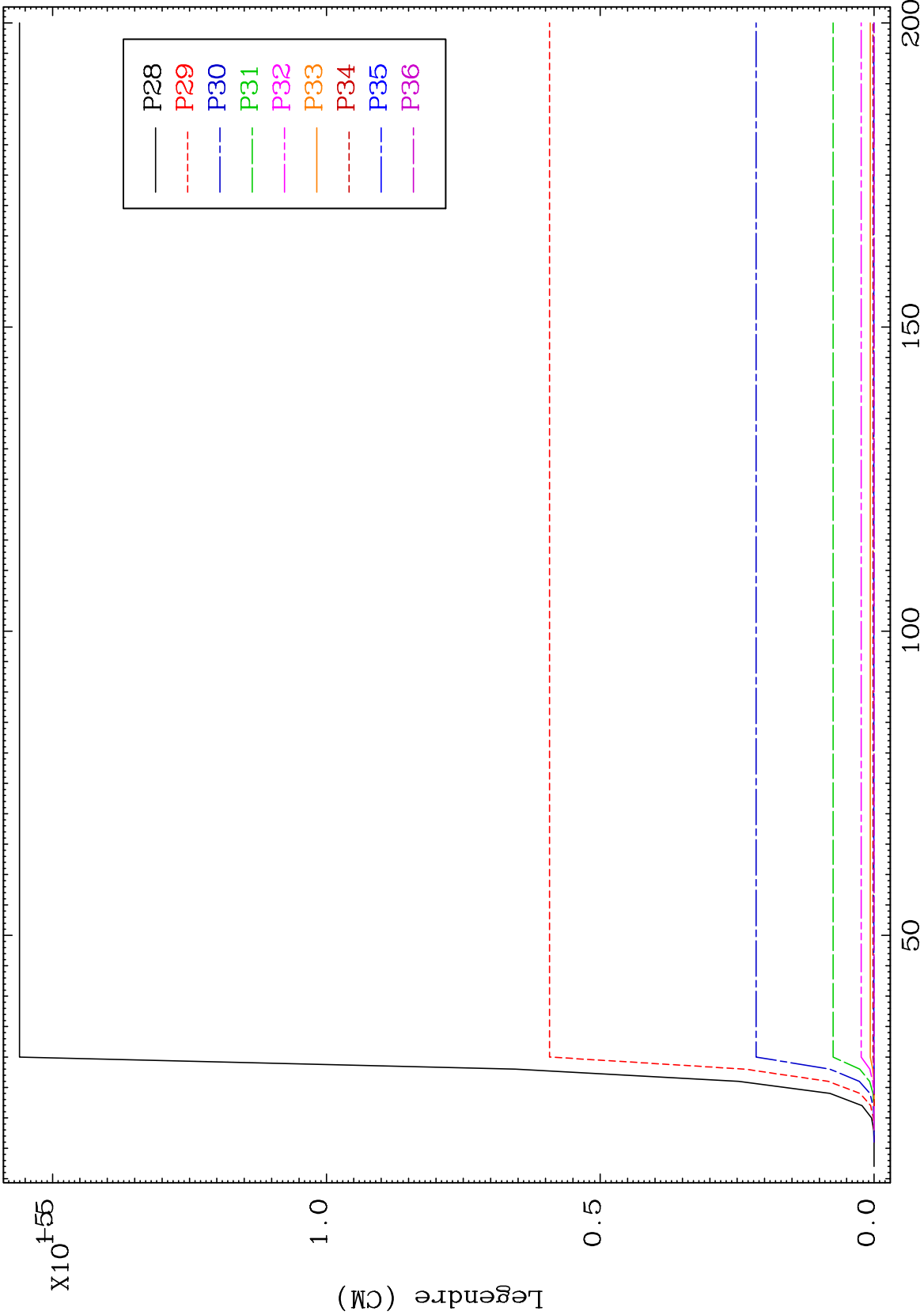
74-W -177



64

Incident Energy (MeV)

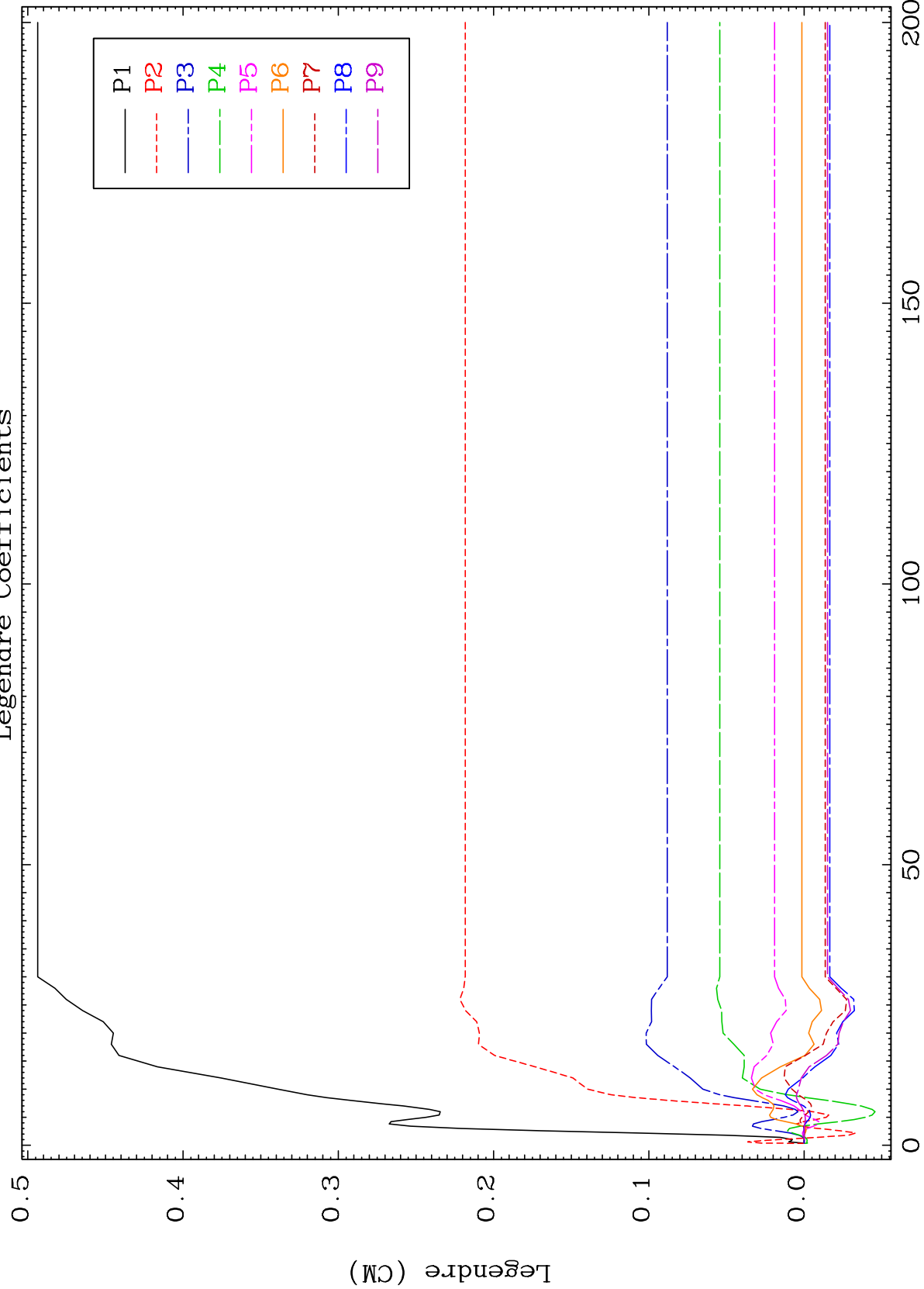
74-W -177



MAT 7416

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

74-W -177



66

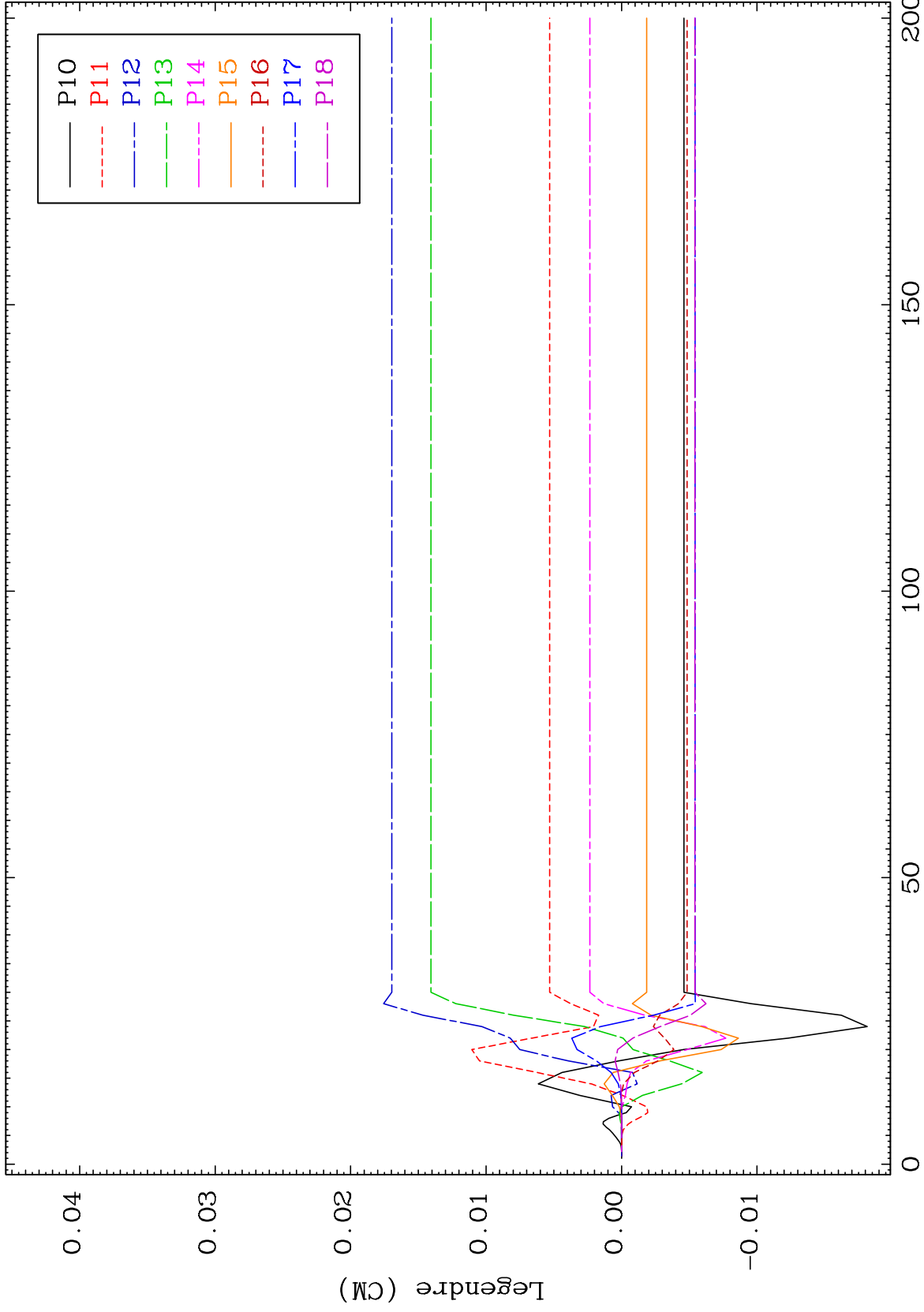
Incident Energy (MeV)

74-W -177

MAT 7416

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

74-W -177



67

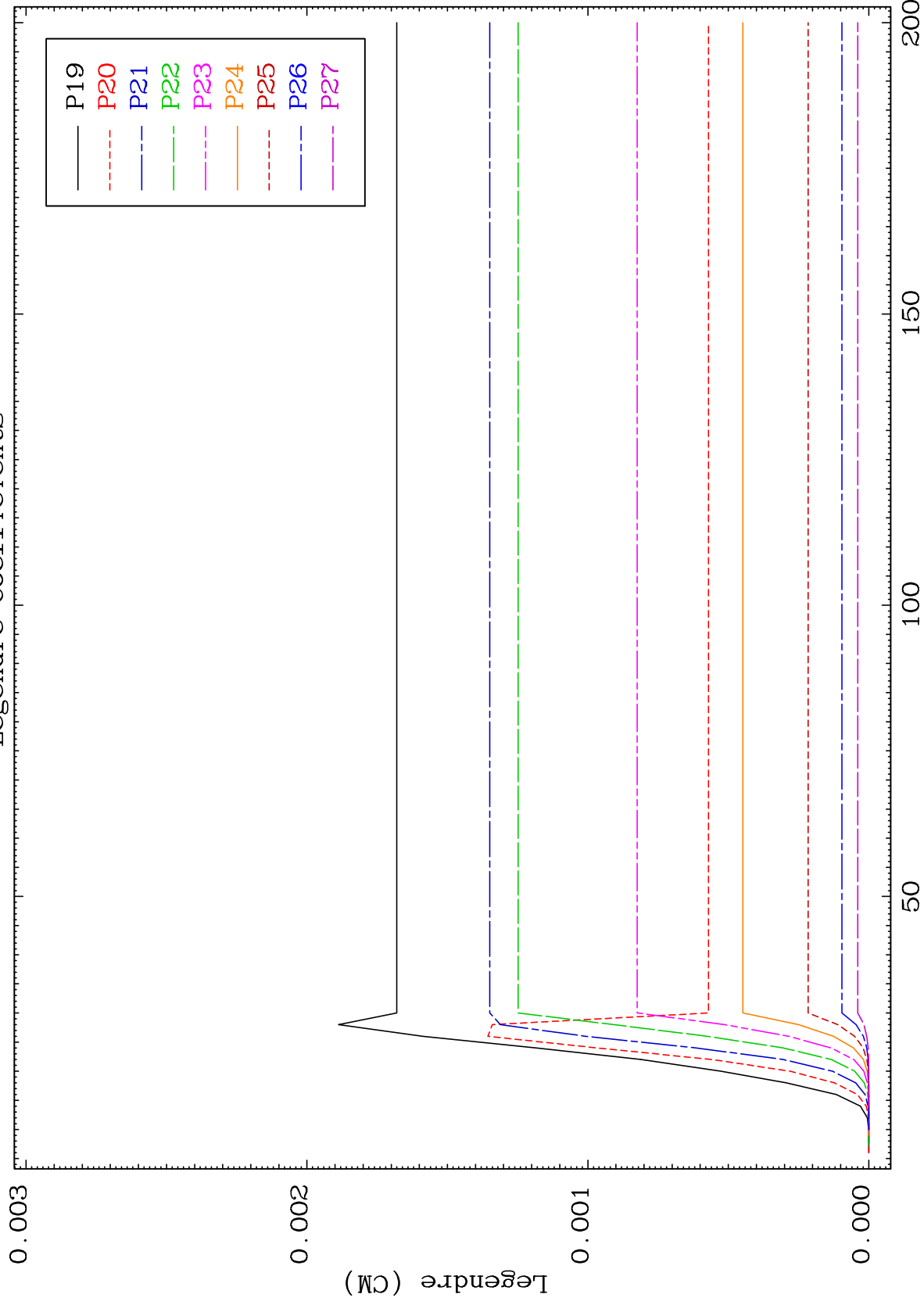
Incident Energy (MeV)

74-W -177

MAT 7416

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

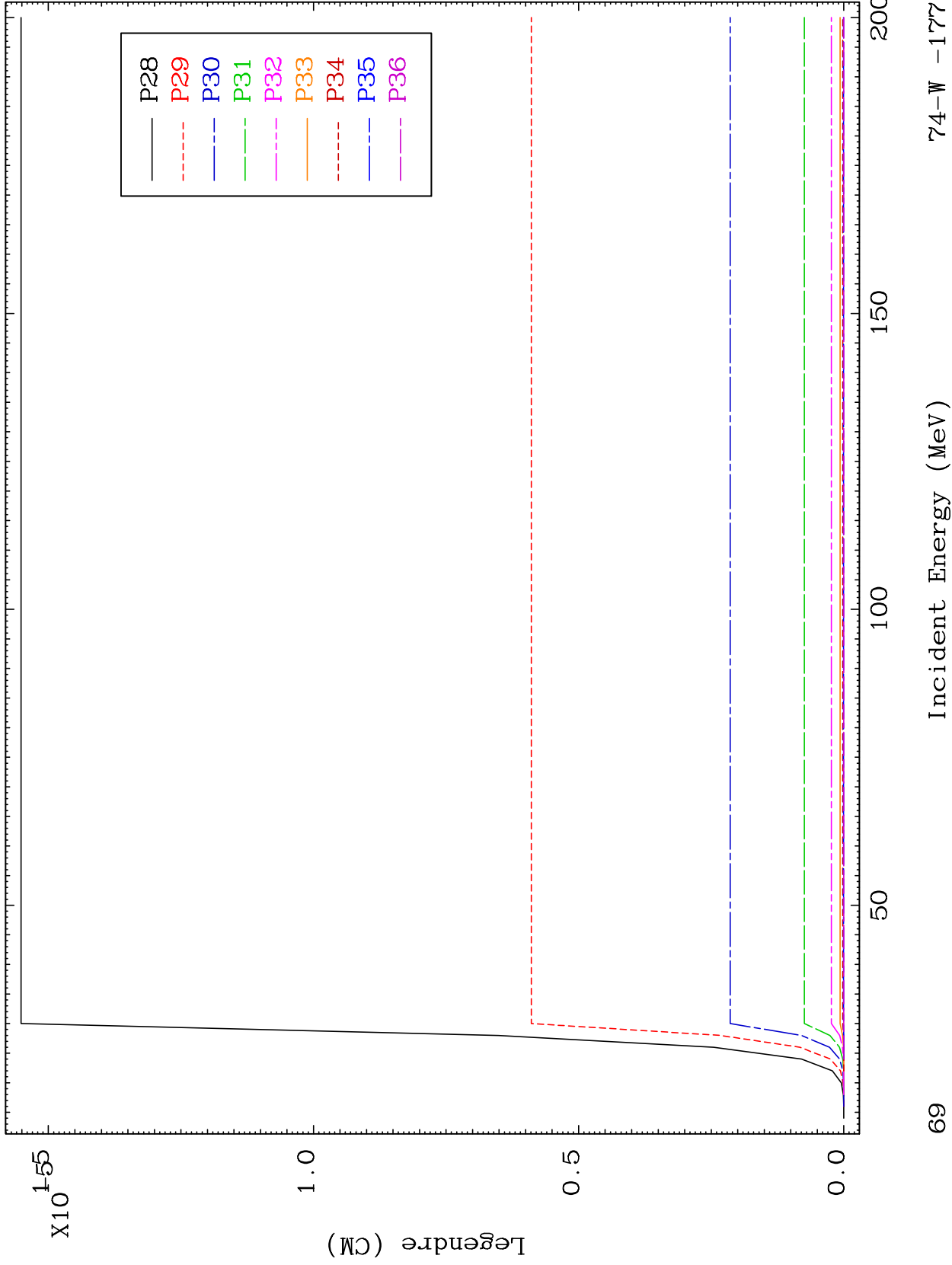
74-W -177



68

Incident Energy (MeV)

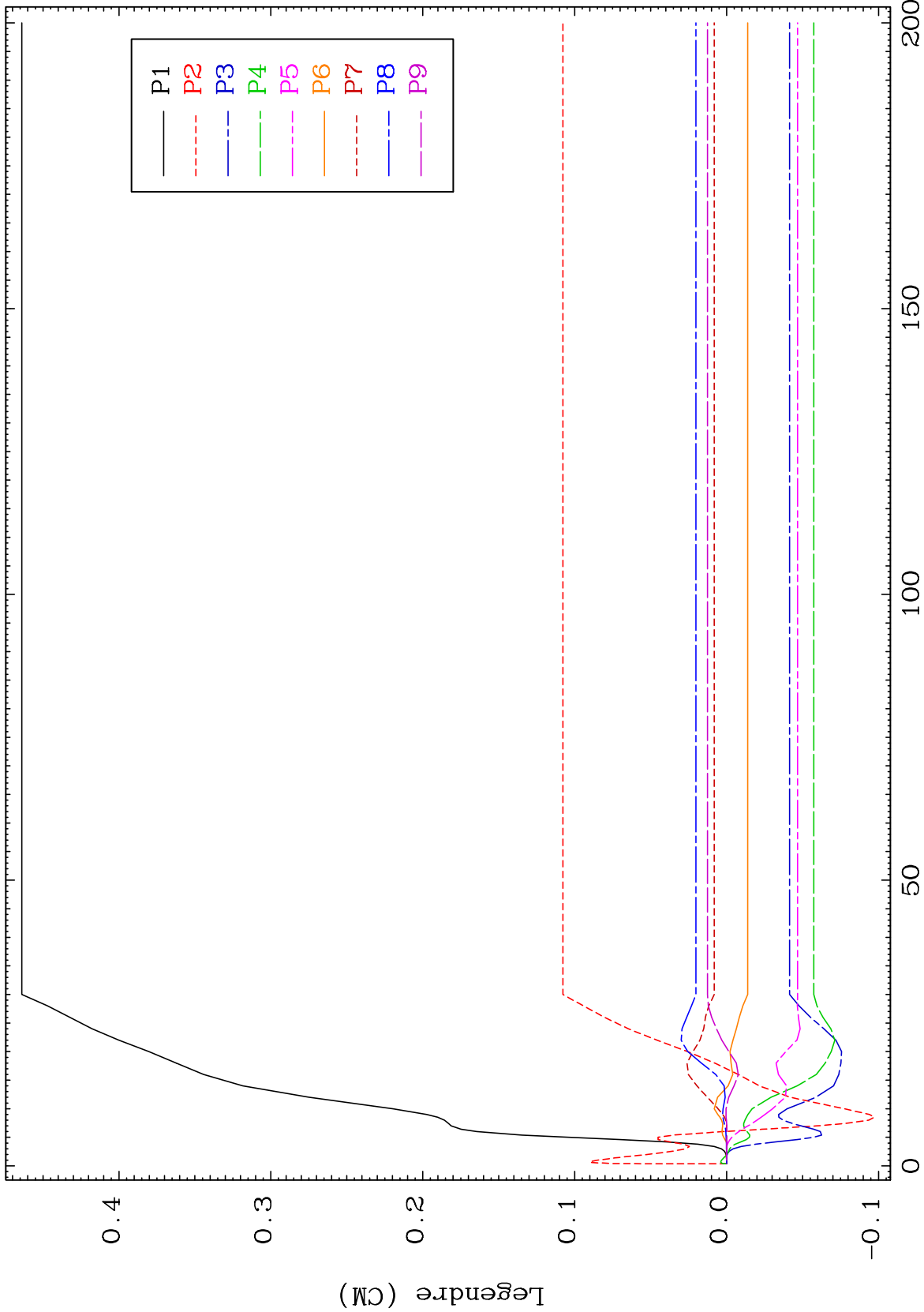
74-W -177



MAT 7416

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

74-W -177



74-W -177

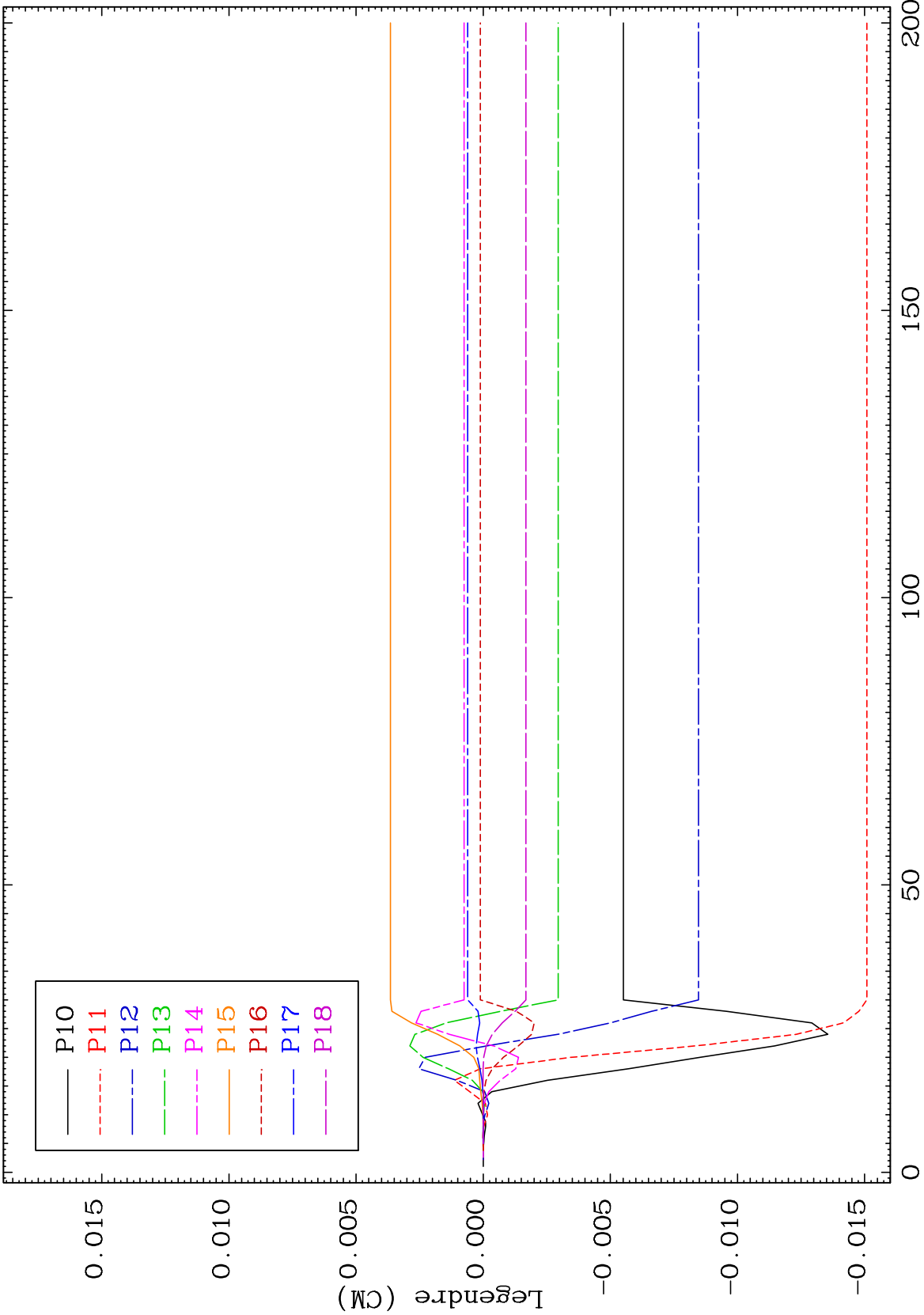
Incident Energy (MeV)

70

MAT 7416

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

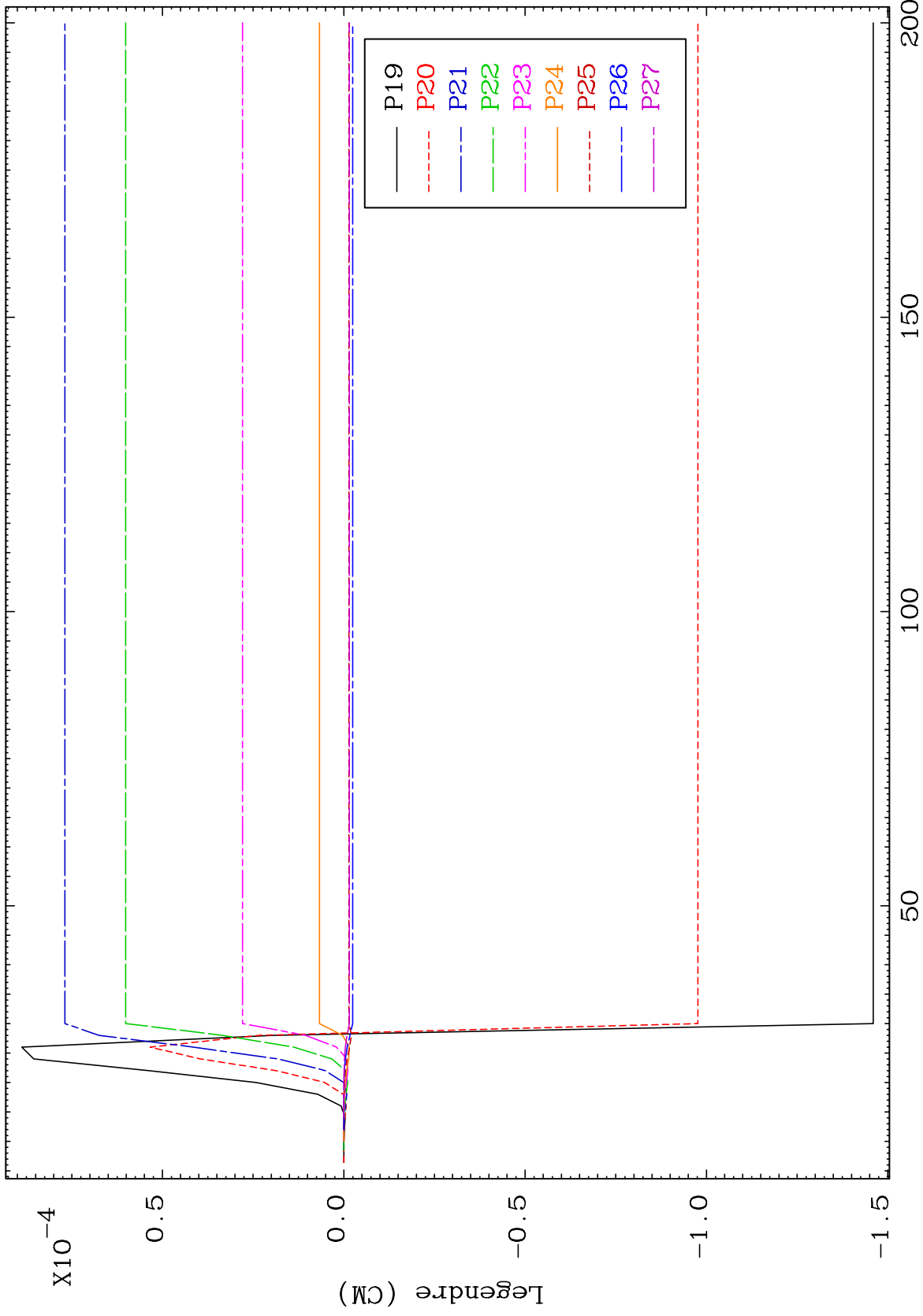
74-W -177



71

Incident Energy (MeV)

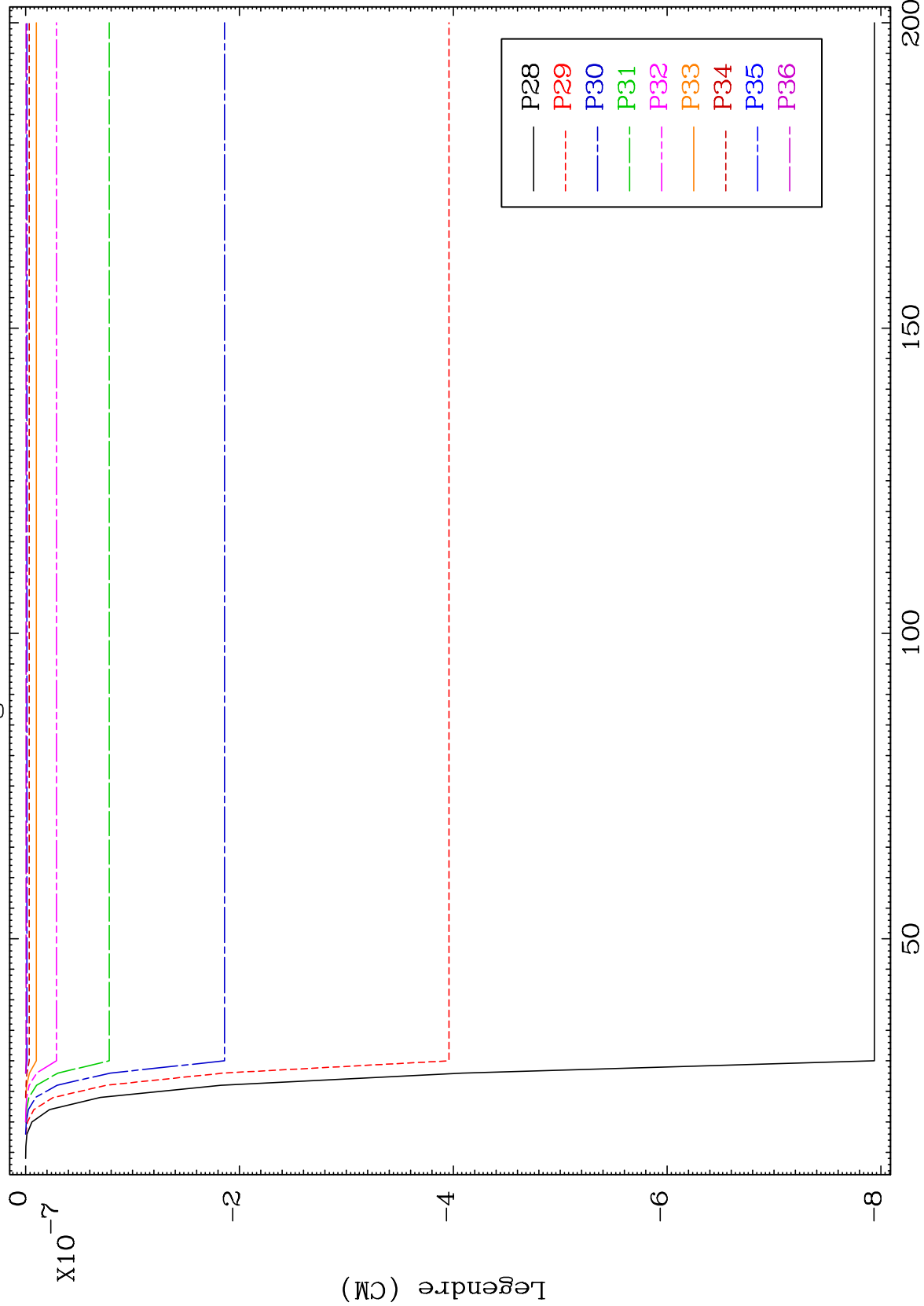
74-W -177



MAT 7416

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

74-W -177



74-W -177

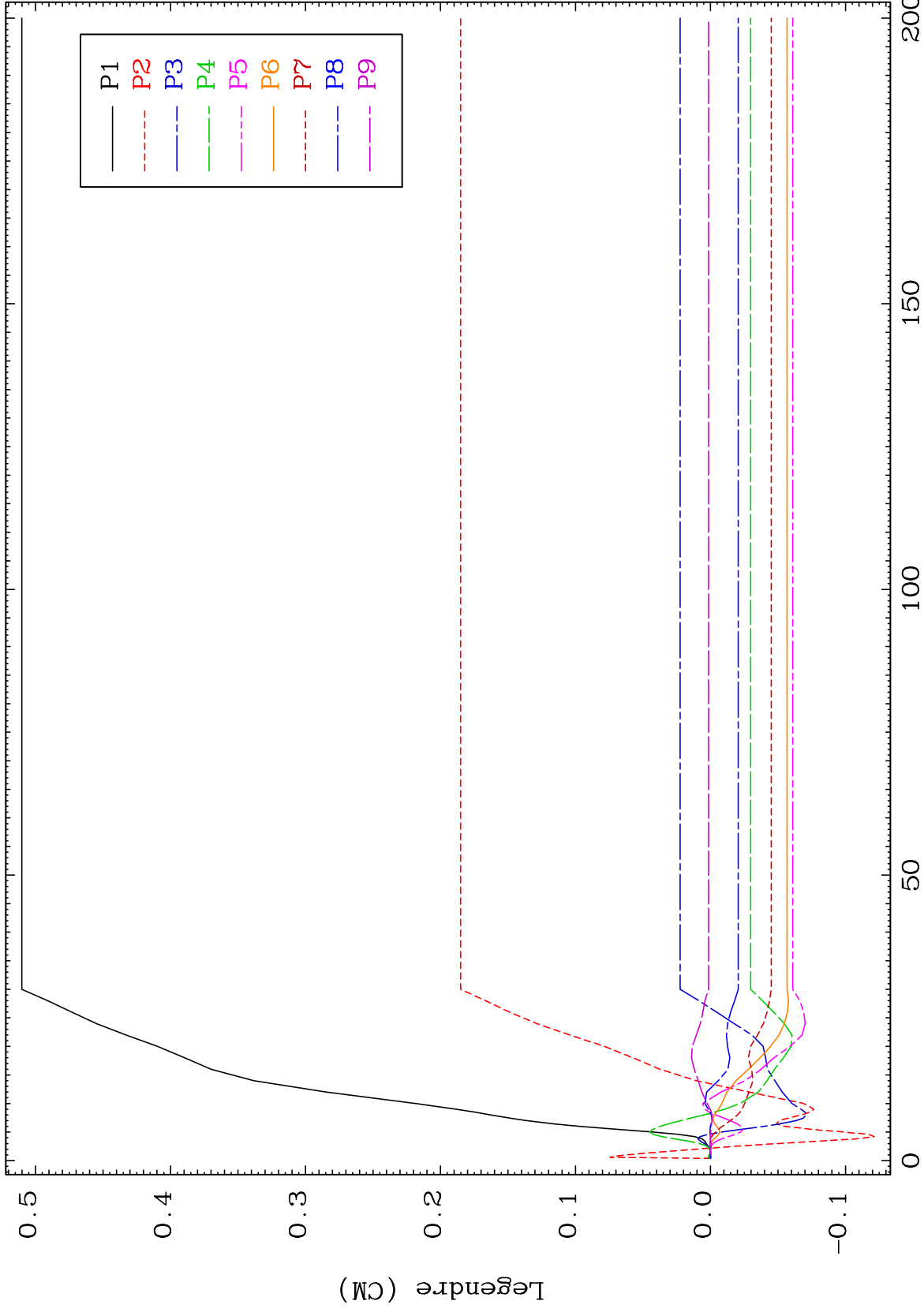
Incident Energy (MeV)

73

MAT 7416

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

74-W -177



74

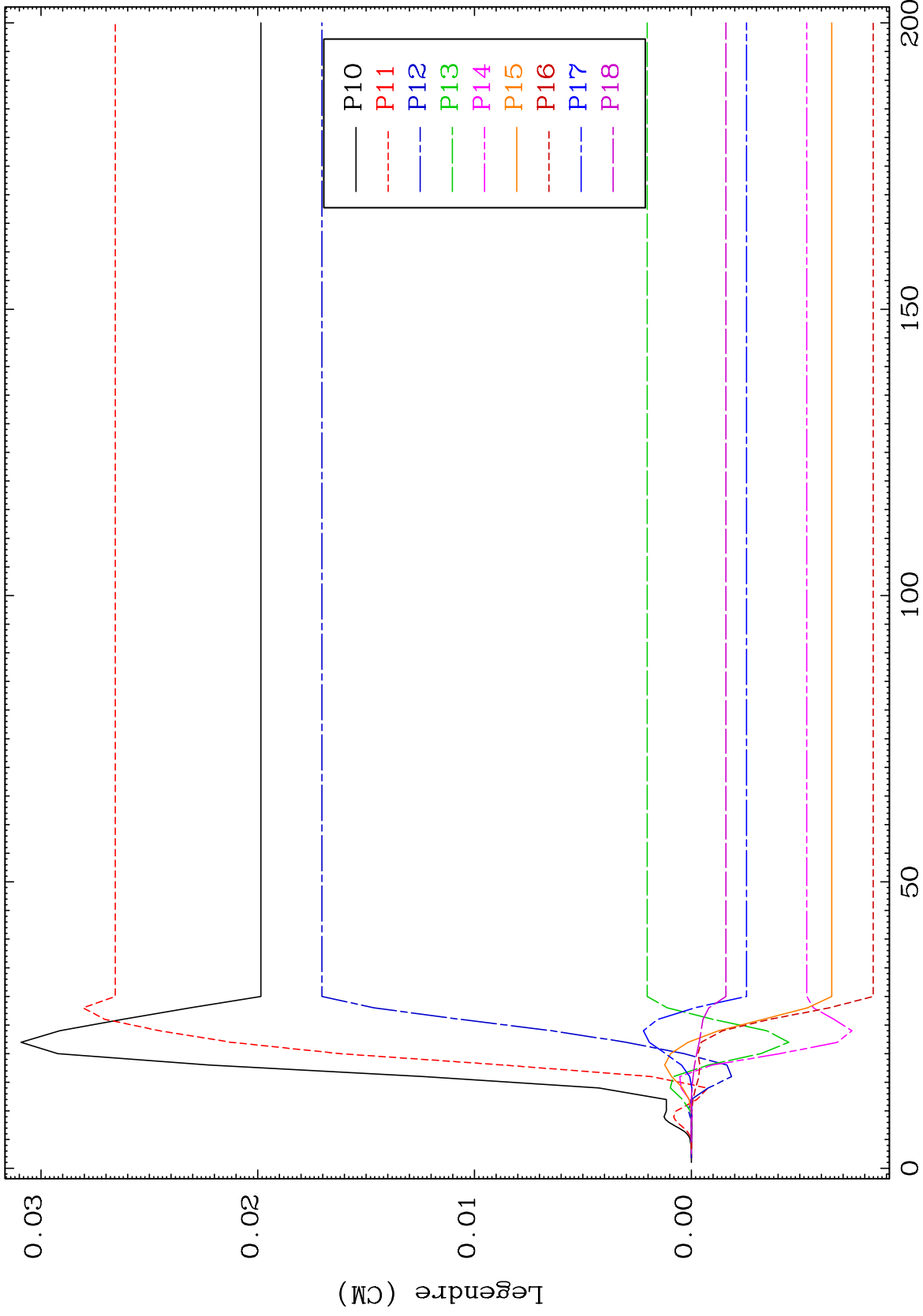
Incident Energy (MeV)

74-W -177

MAT 7416

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

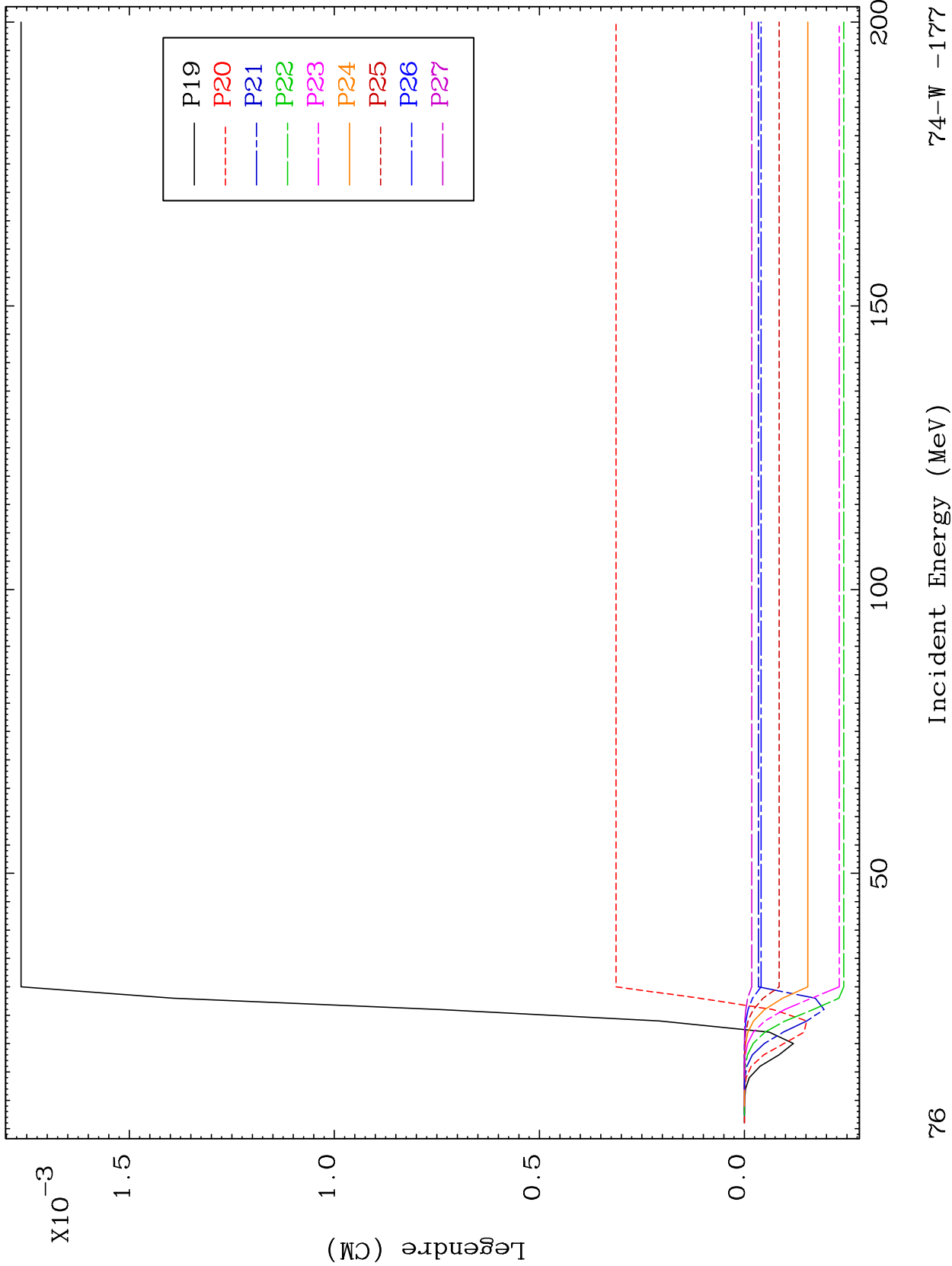
74-W -177

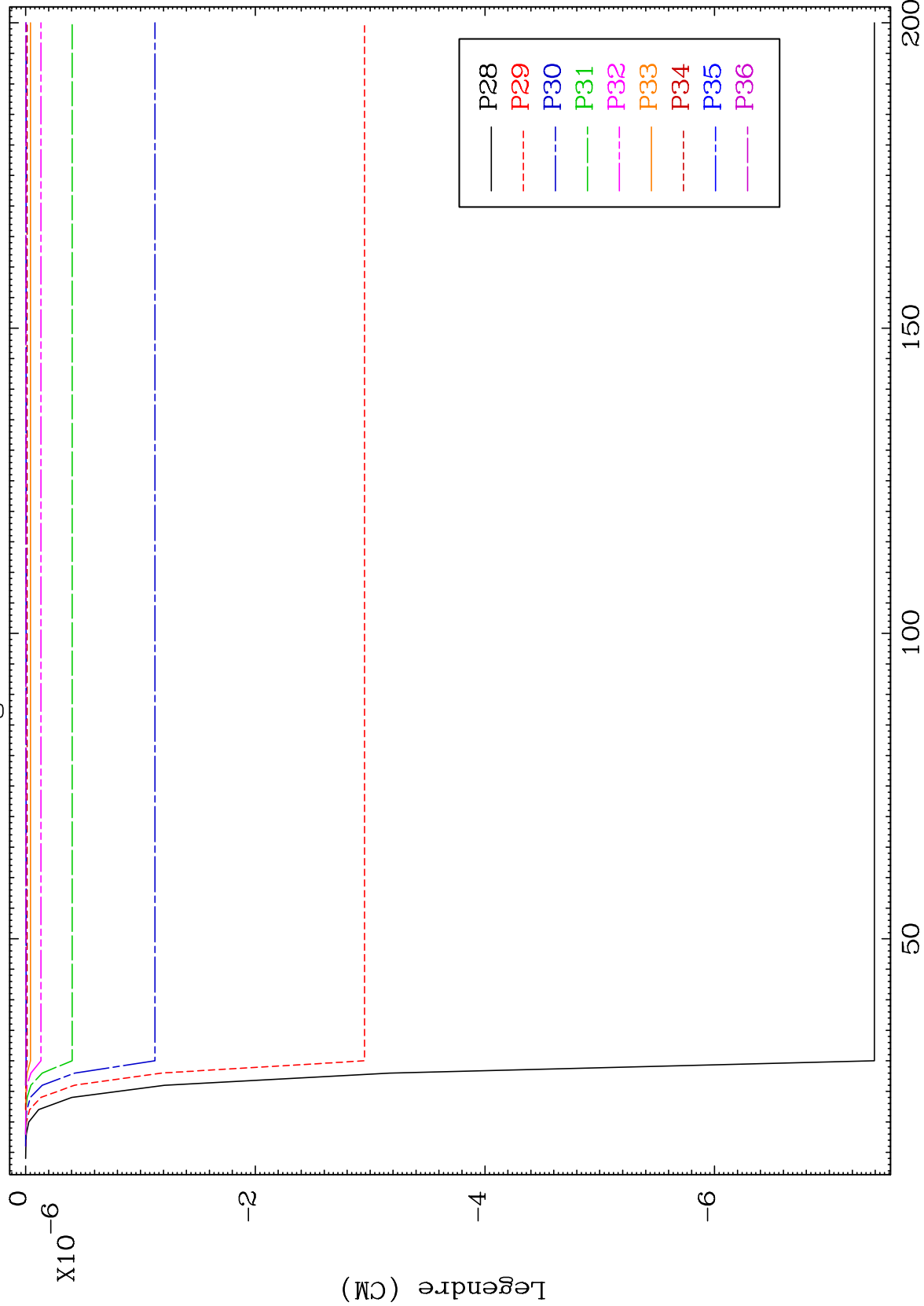


75

Incident Energy (MeV)

74-W -177

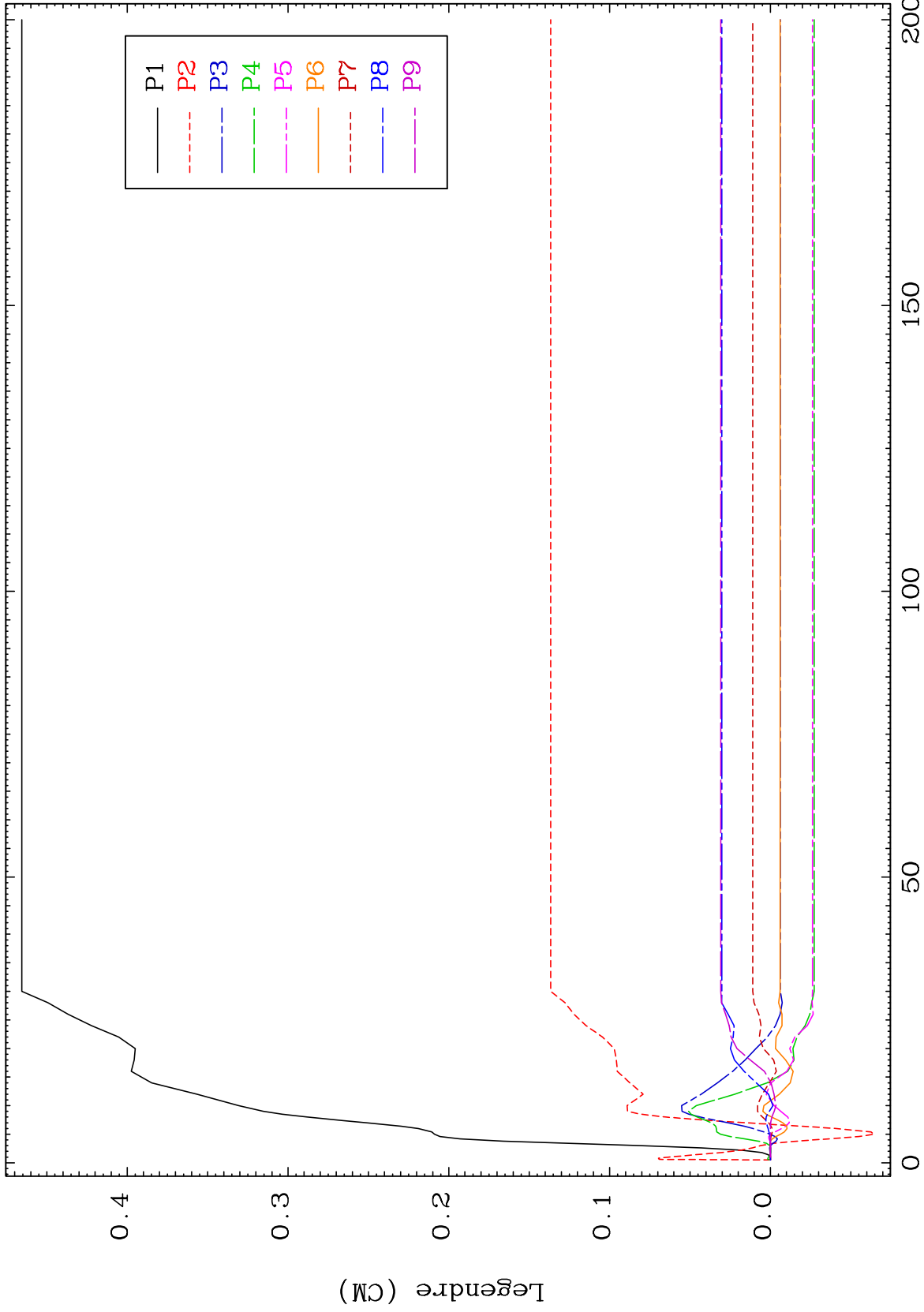




MAT 7416

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

74-W -177



78

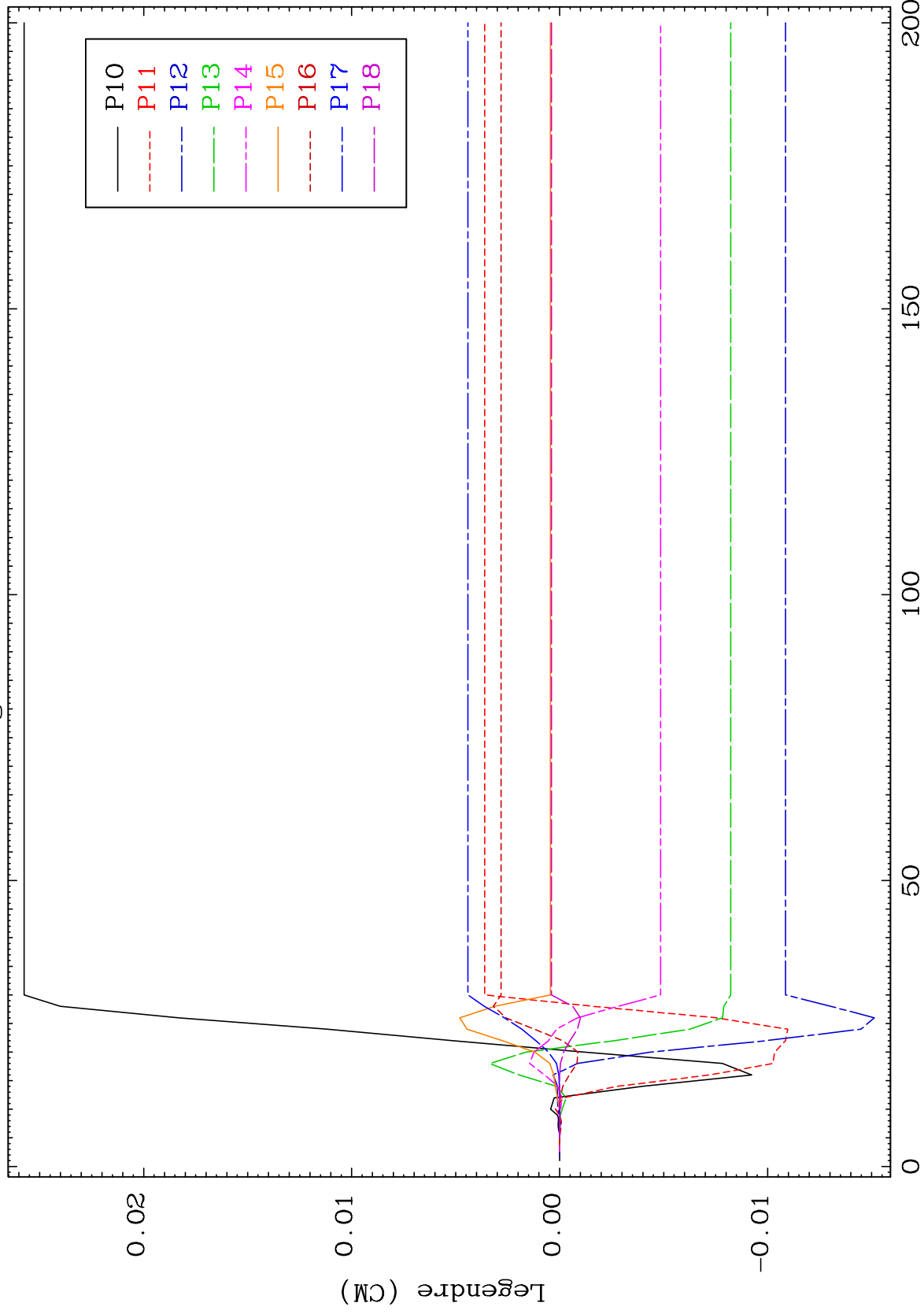
Incident Energy (MeV)

74-W -177

MAT 7416

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

74-W -177



79

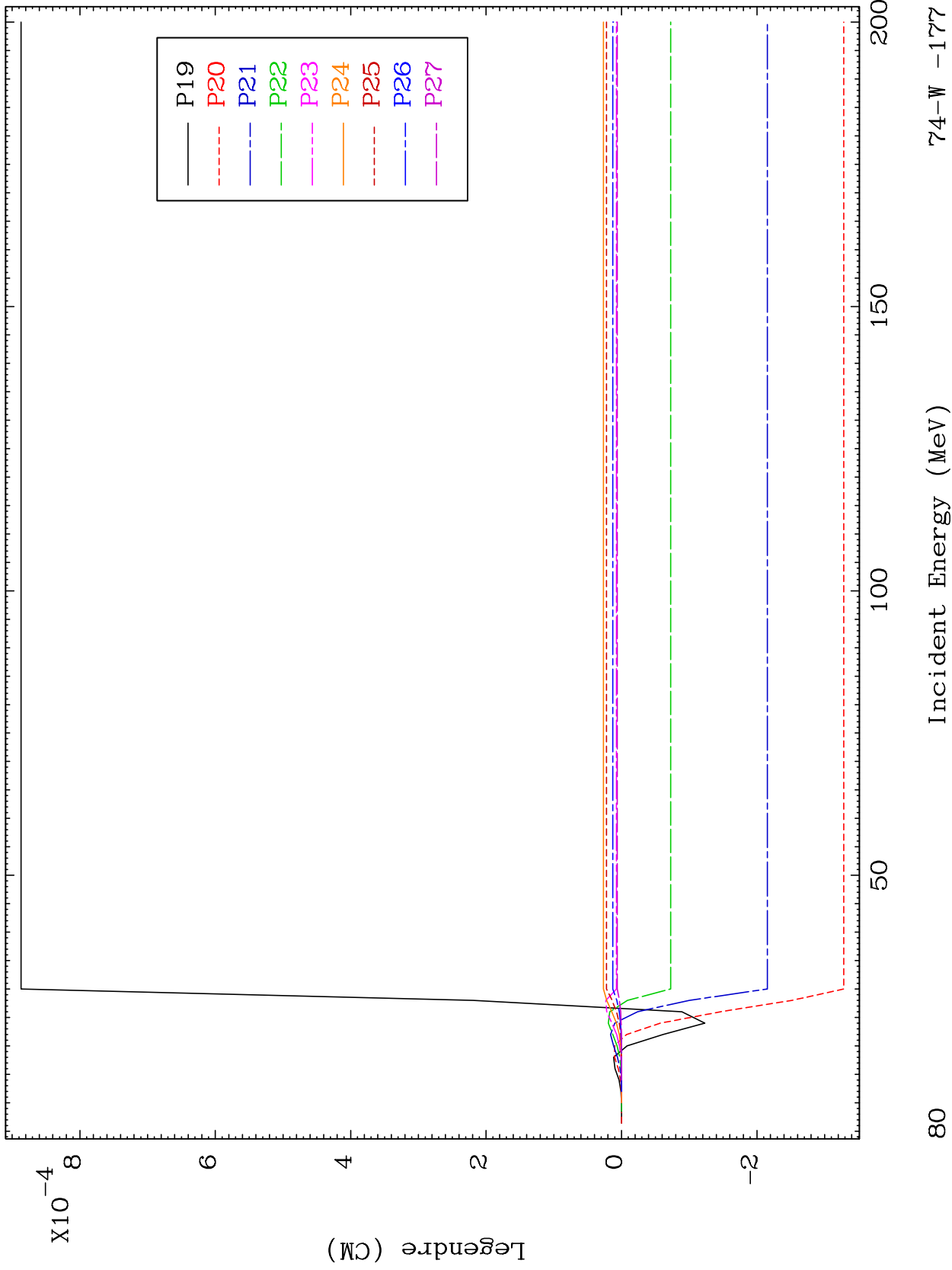
Incident Energy (MeV)

74-W -177

MAT 7416

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

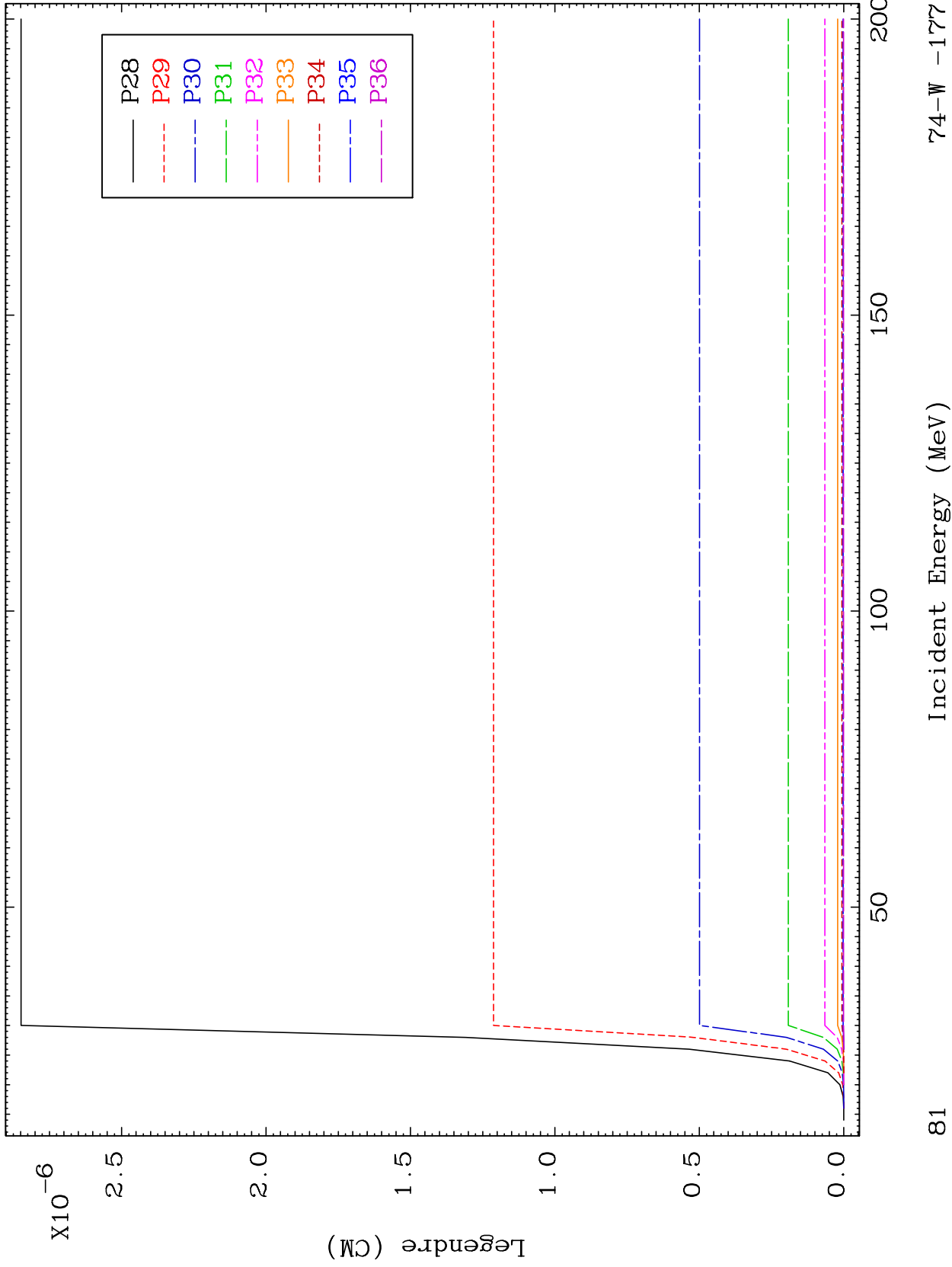
74-W -177

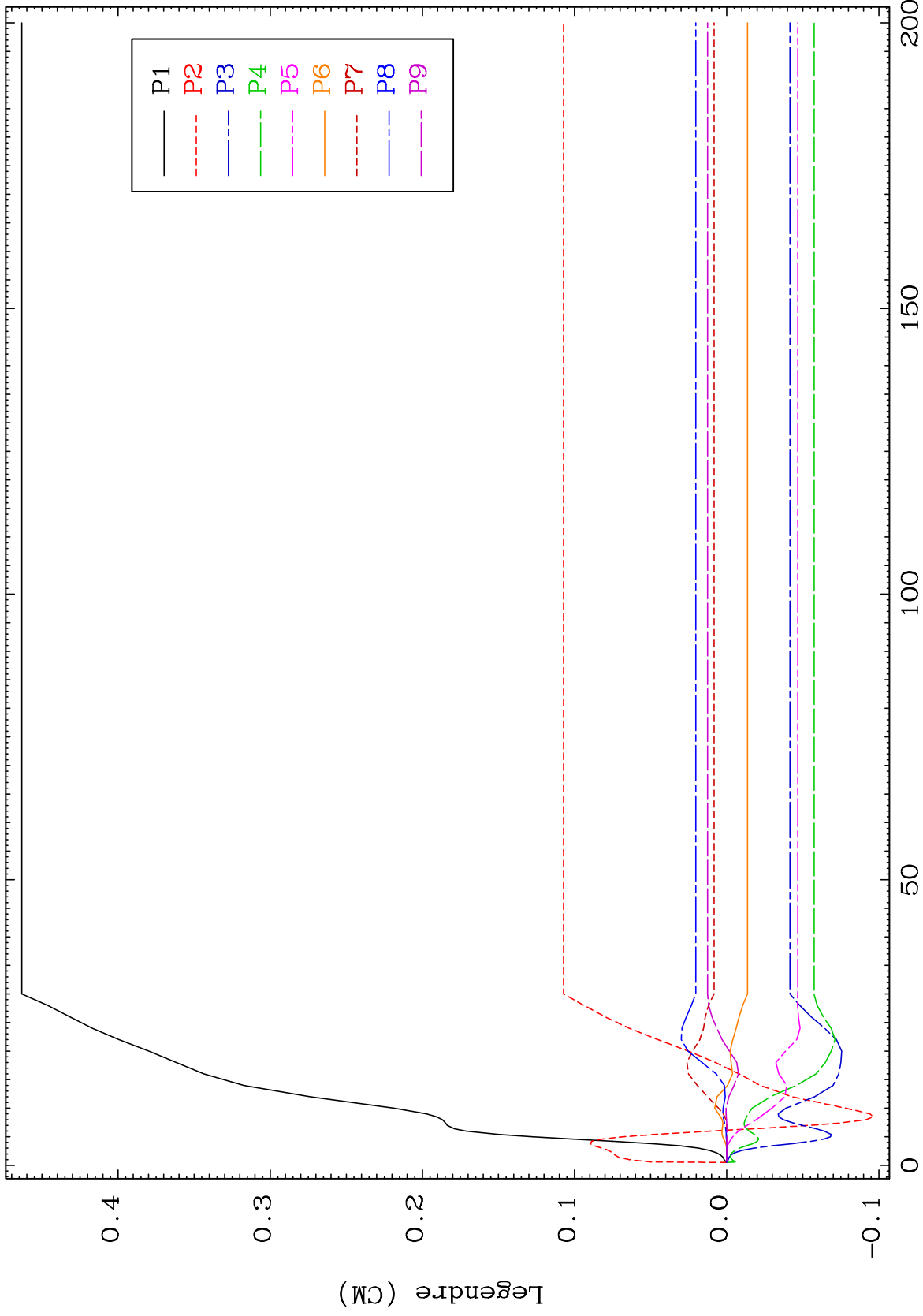


80

Incident Energy (MeV)

74-W -177

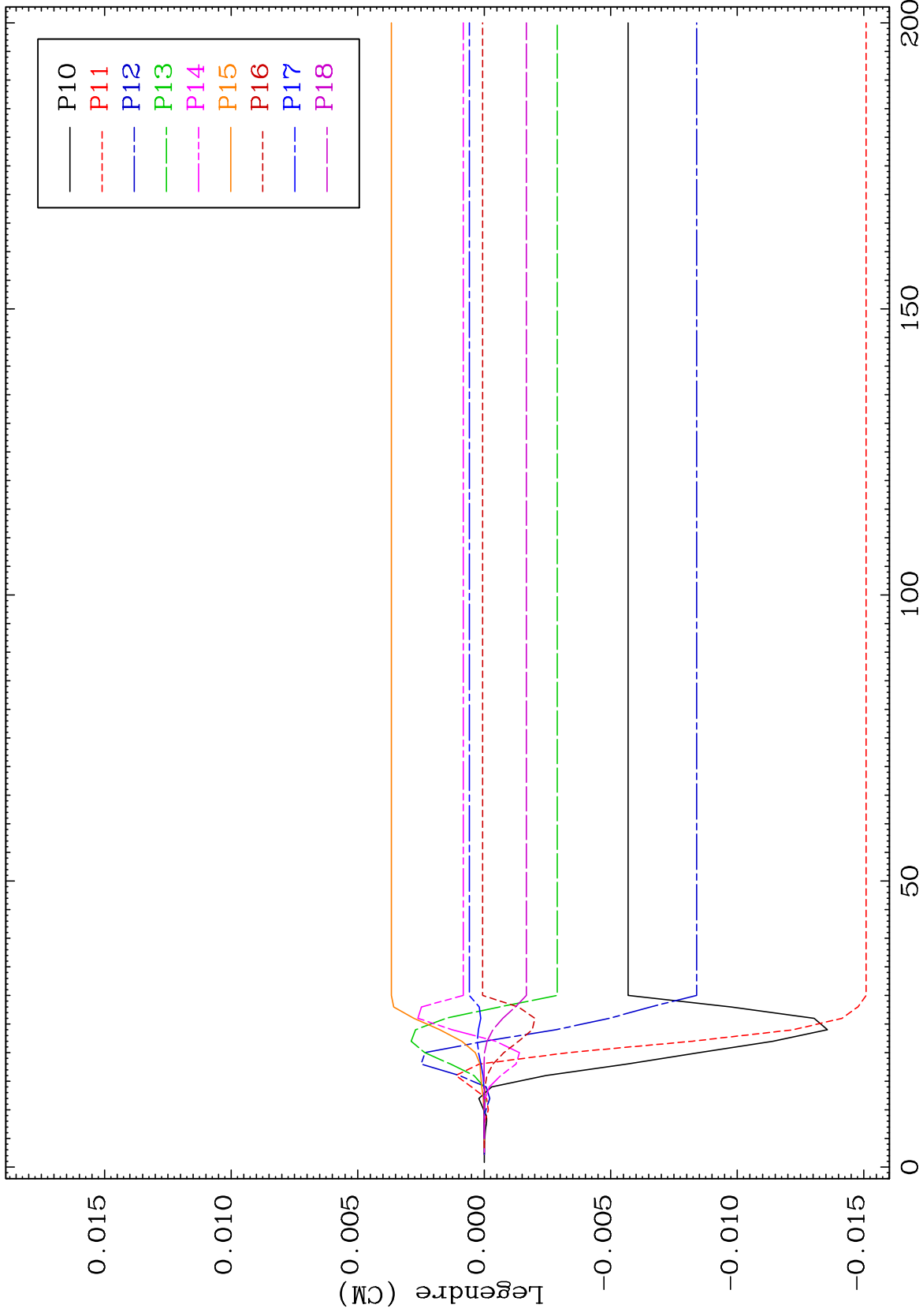




MAT 7416

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

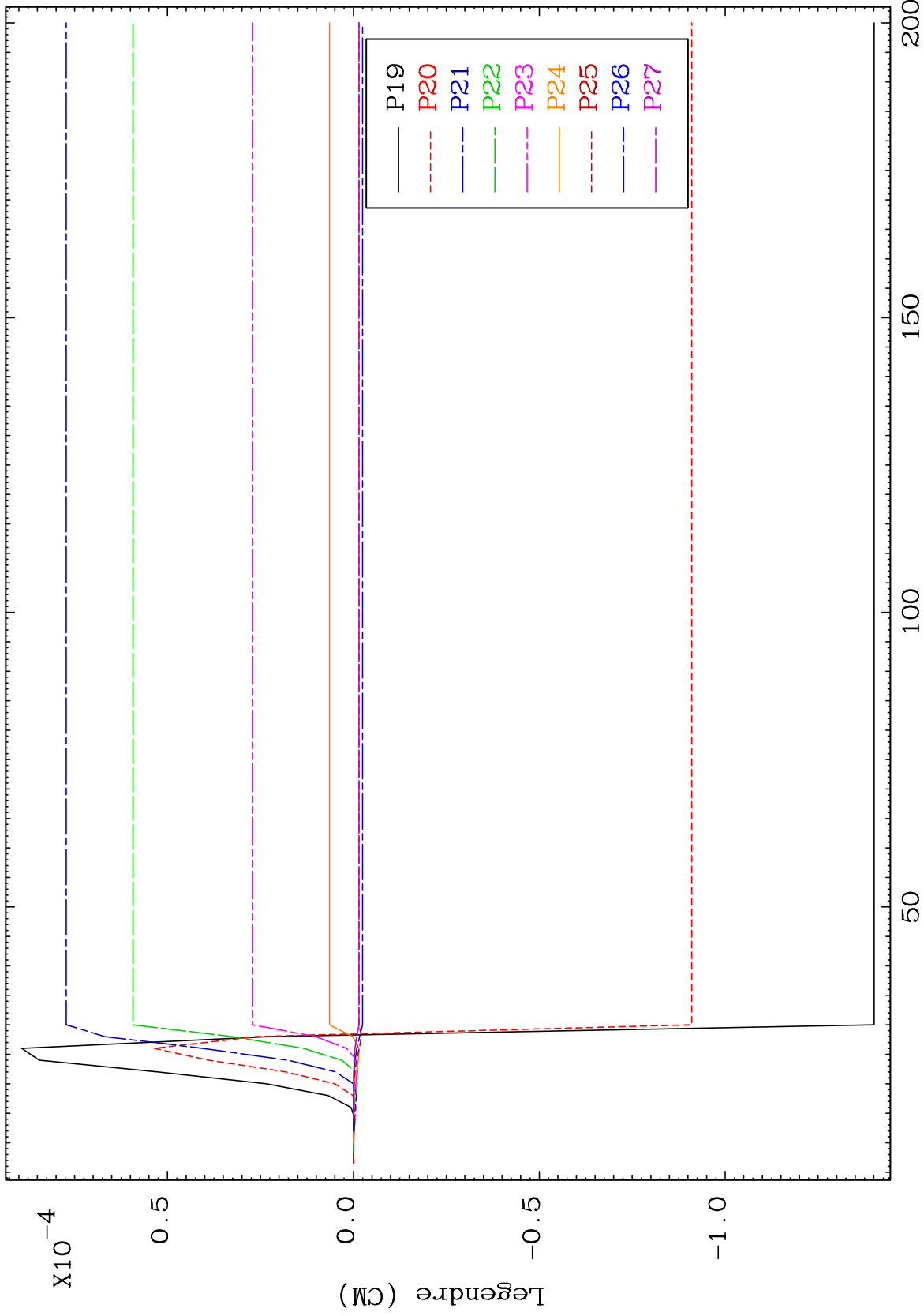
74-W -177



83

Incident Energy (MeV)

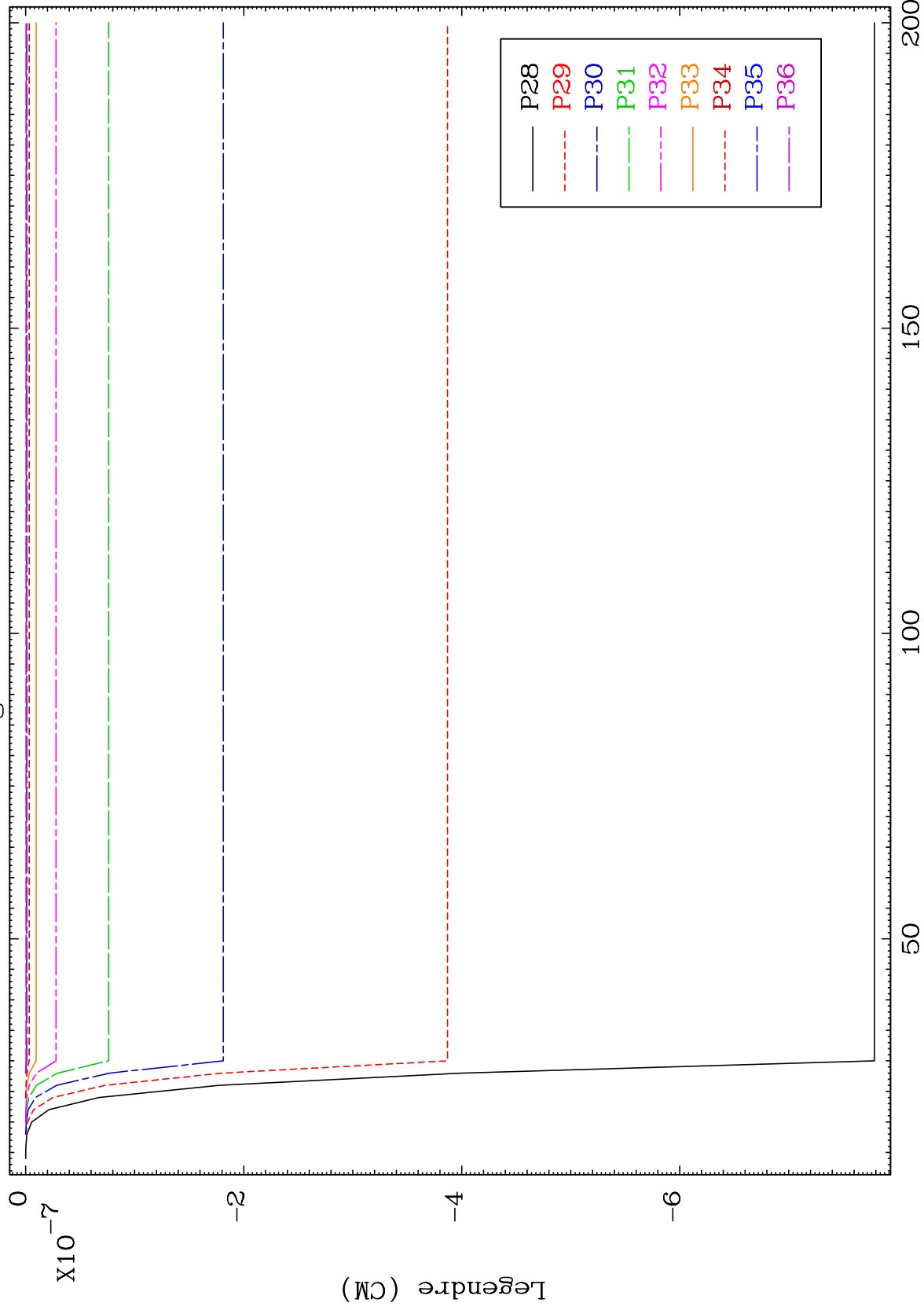
74-W -177



MAT 7416

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

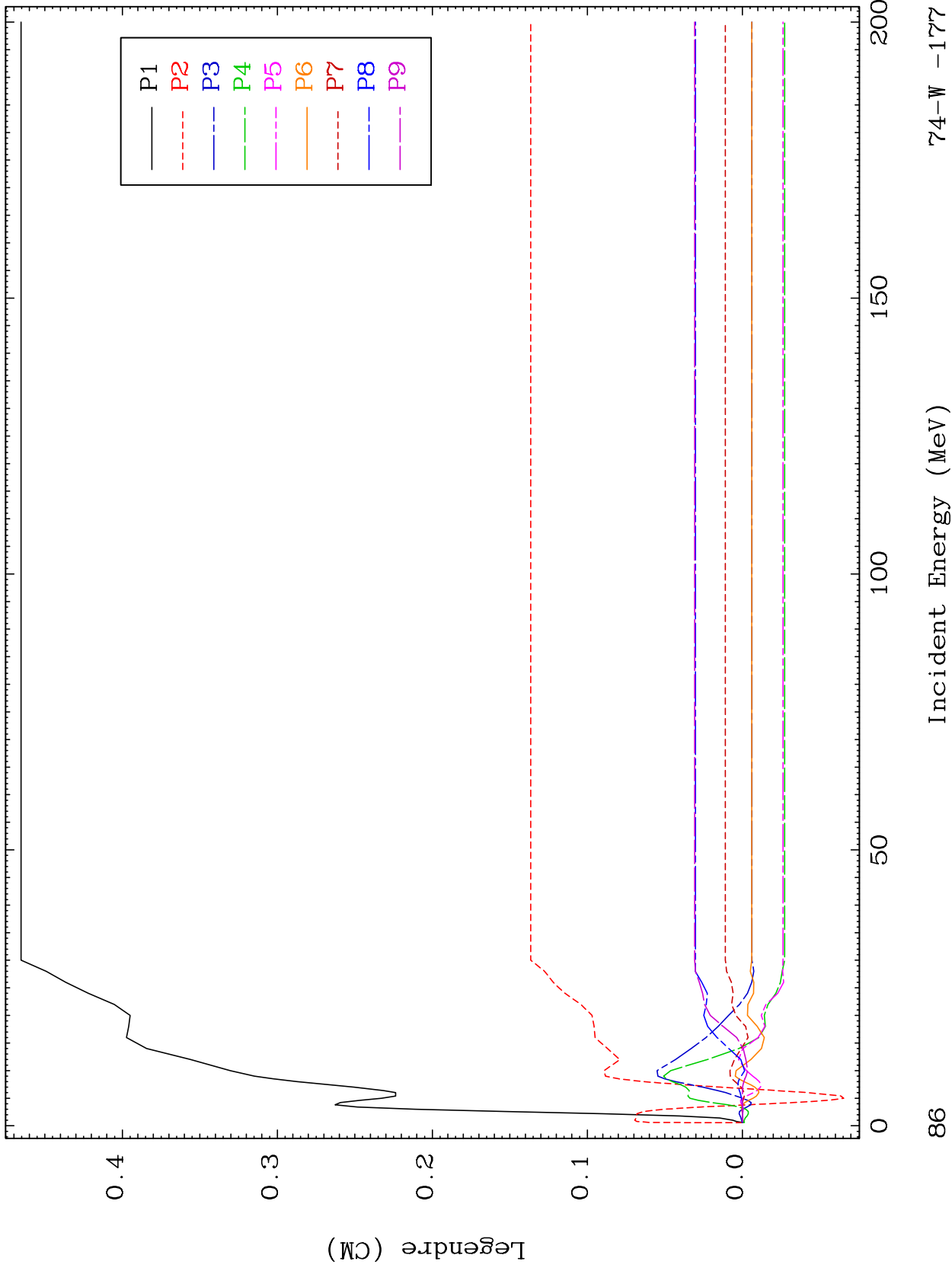
74-W -177



85

Incident Energy (MeV)

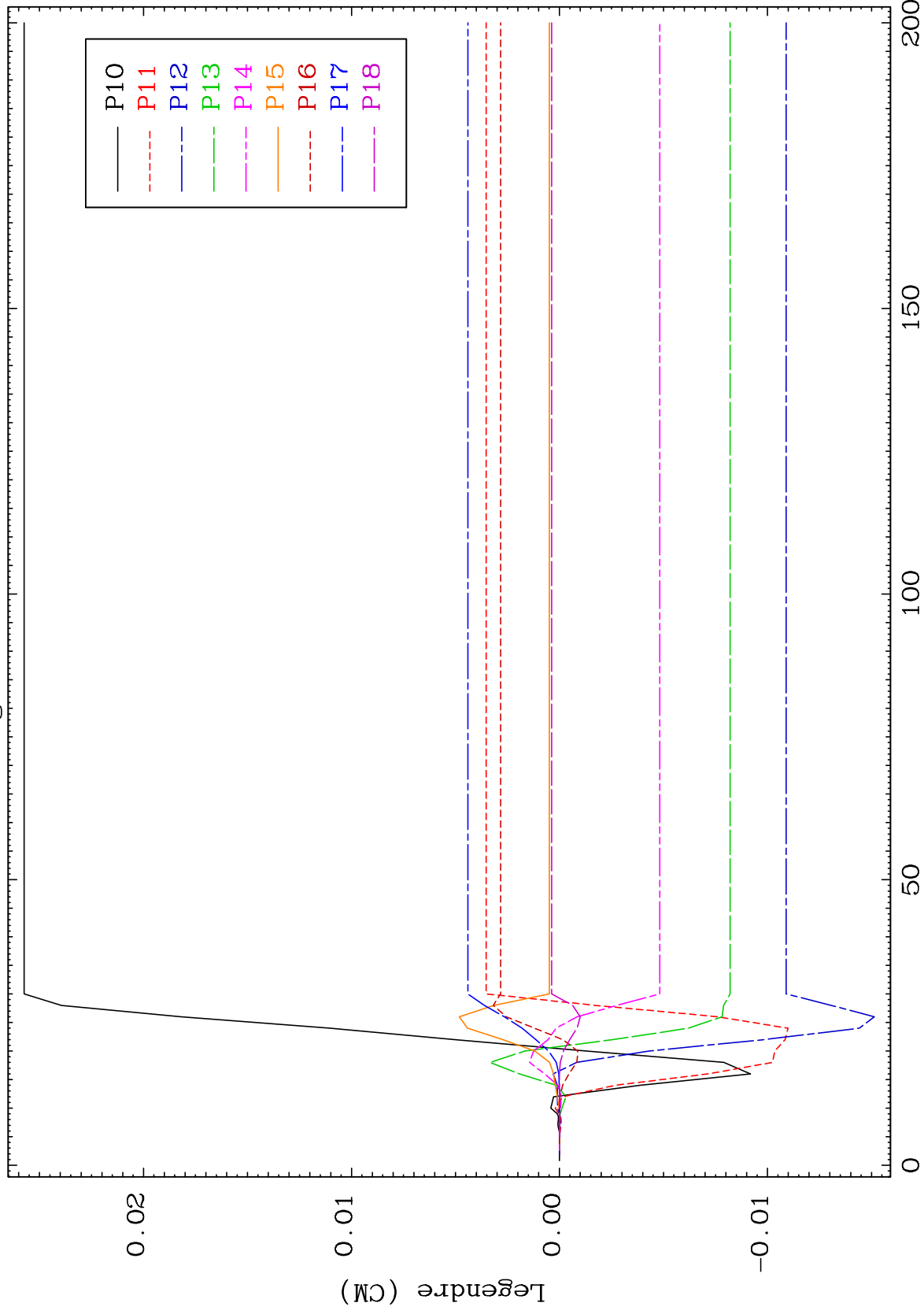
74-W -177



MAT 7416

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

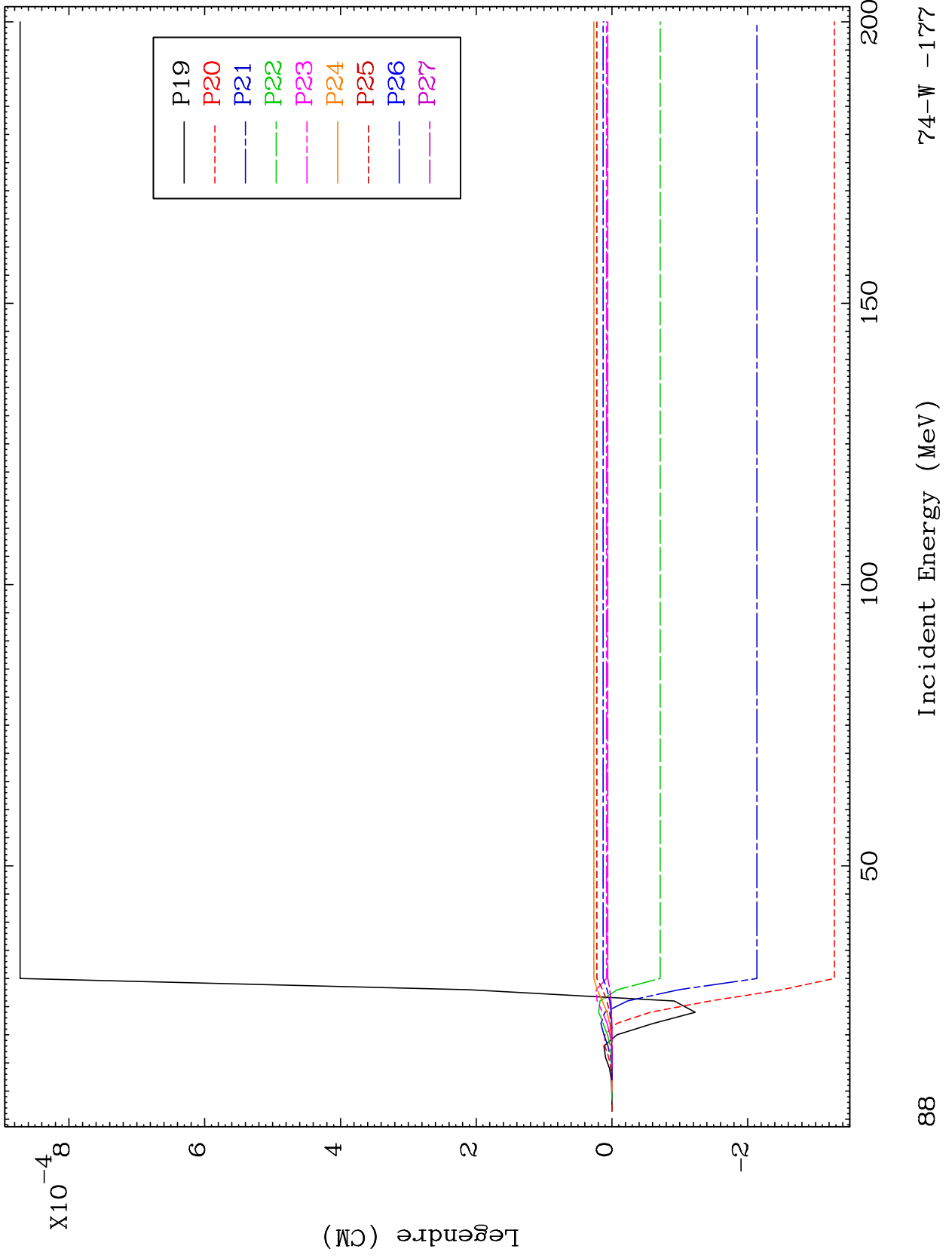
74-W -177

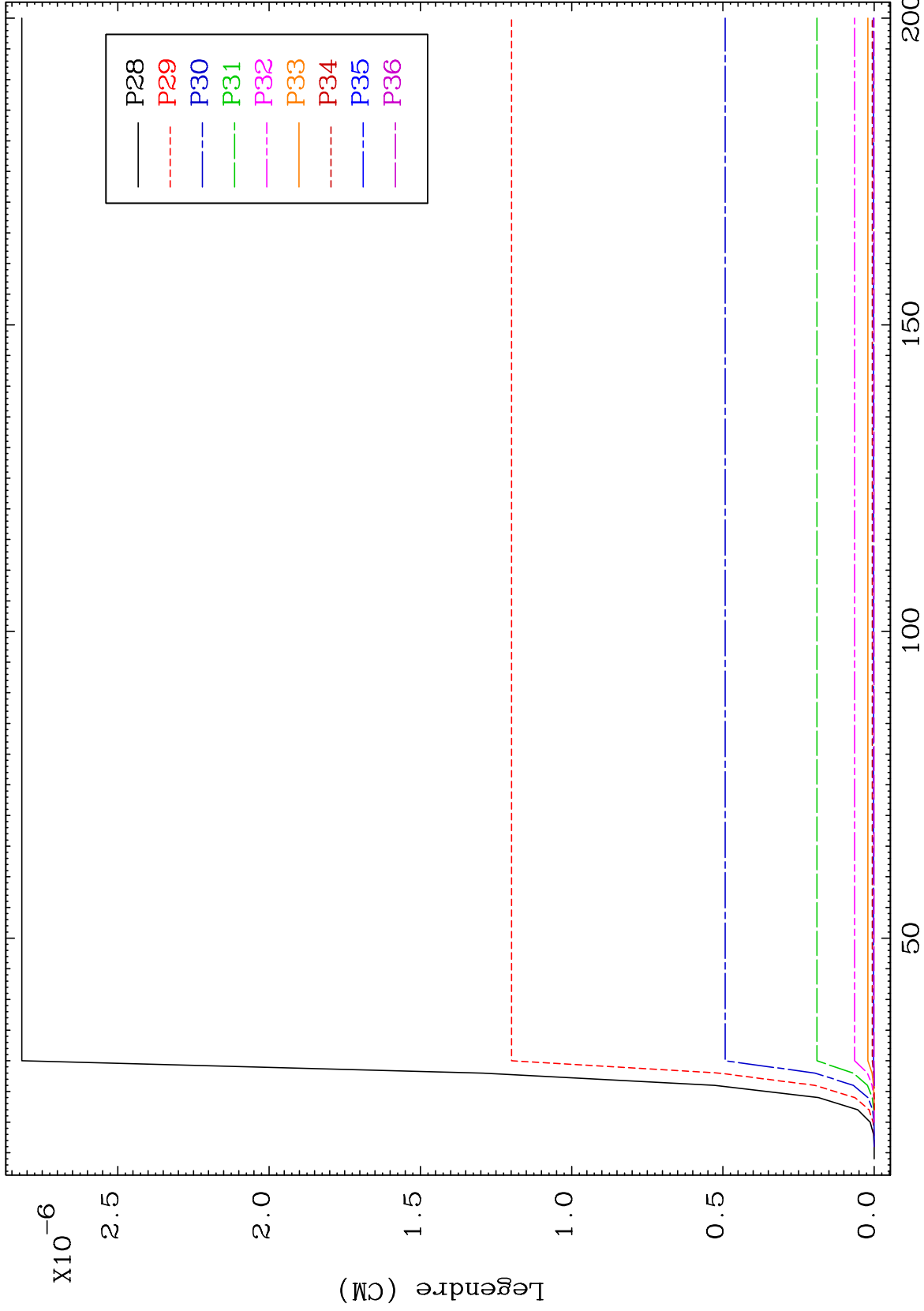


87

Incident Energy (MeV)

74-W -177

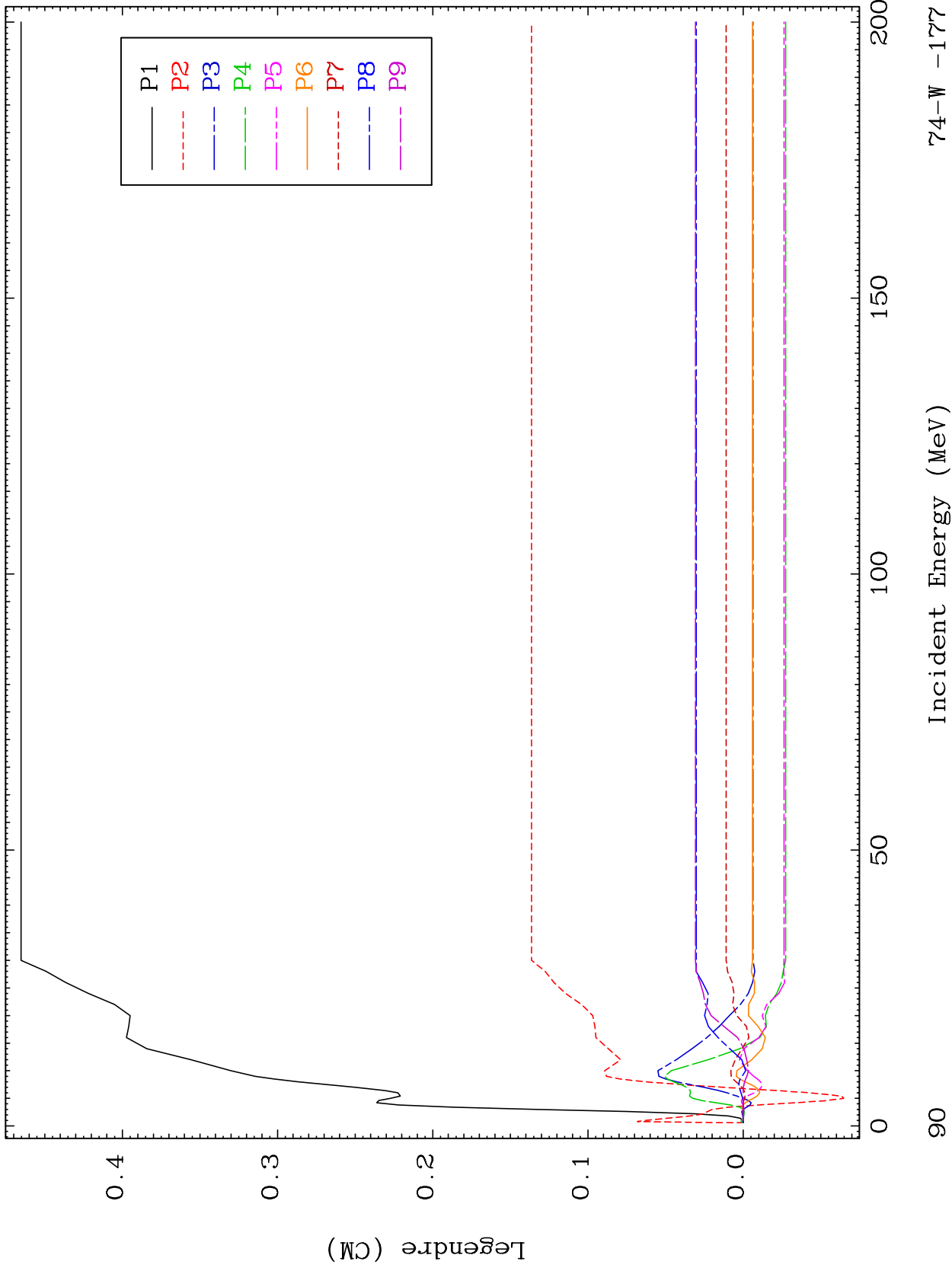




MAT 7416

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

74-W -177



74-W -177

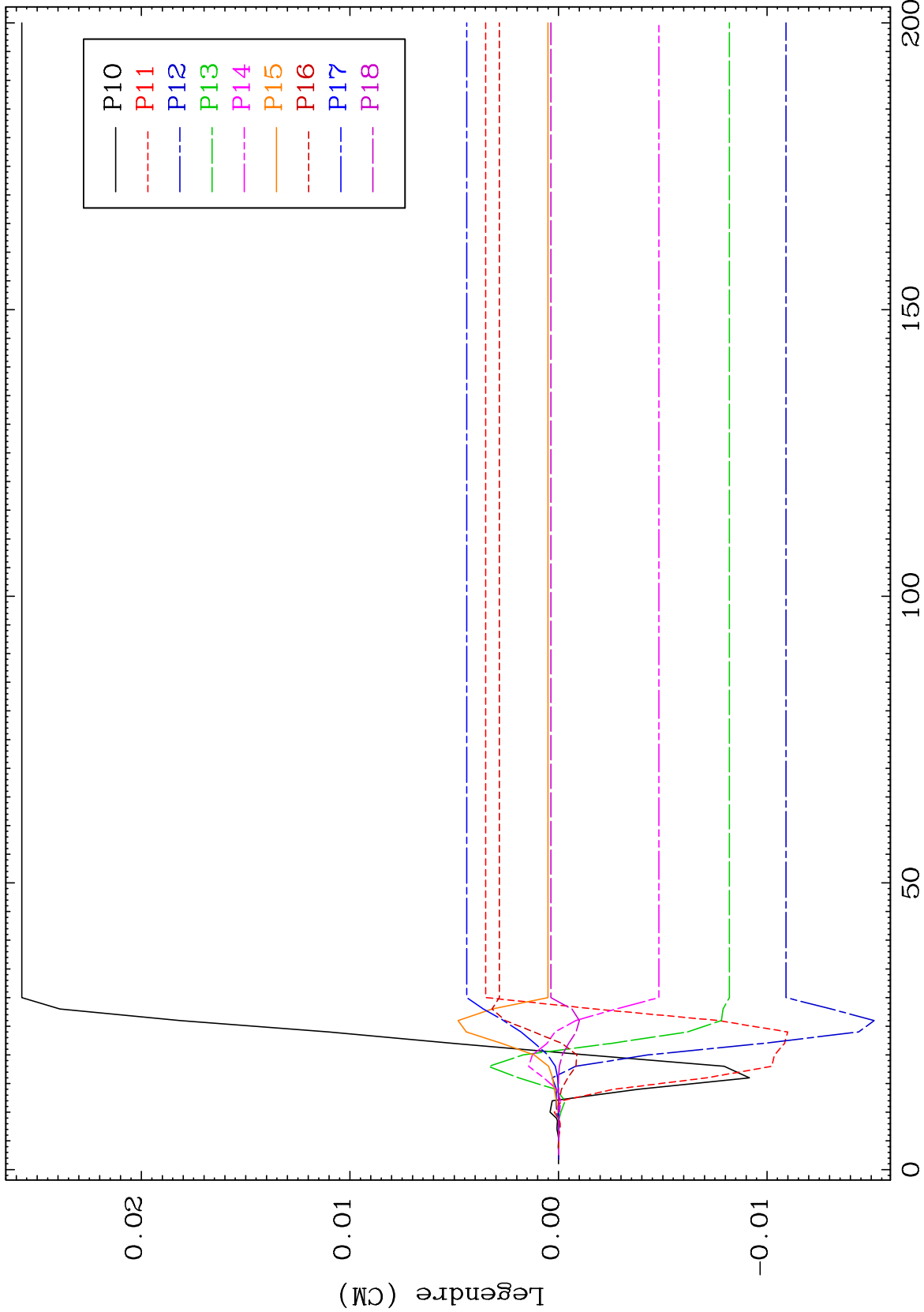
Incident Energy (MeV)

90

MAT 7416

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

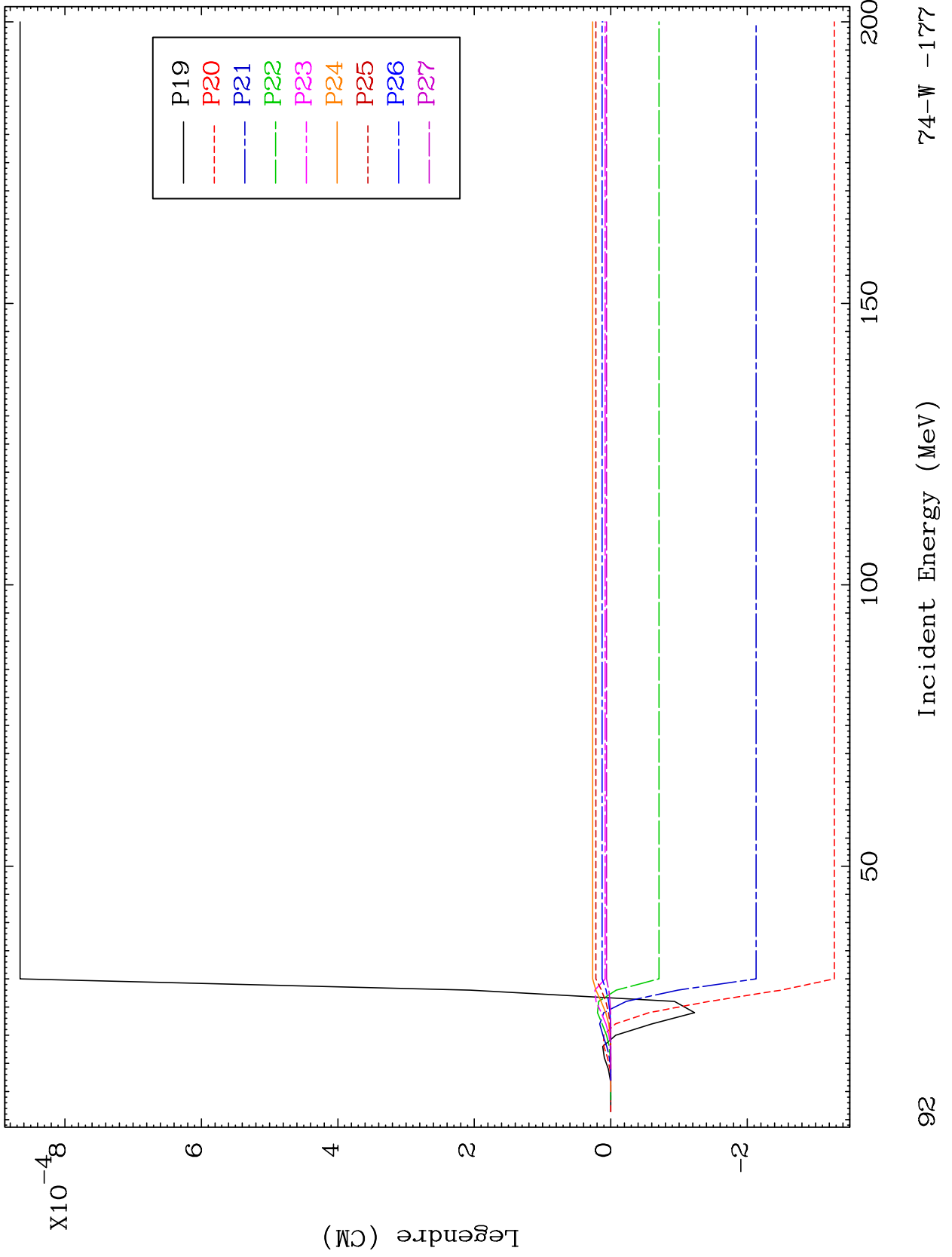
74-W -177

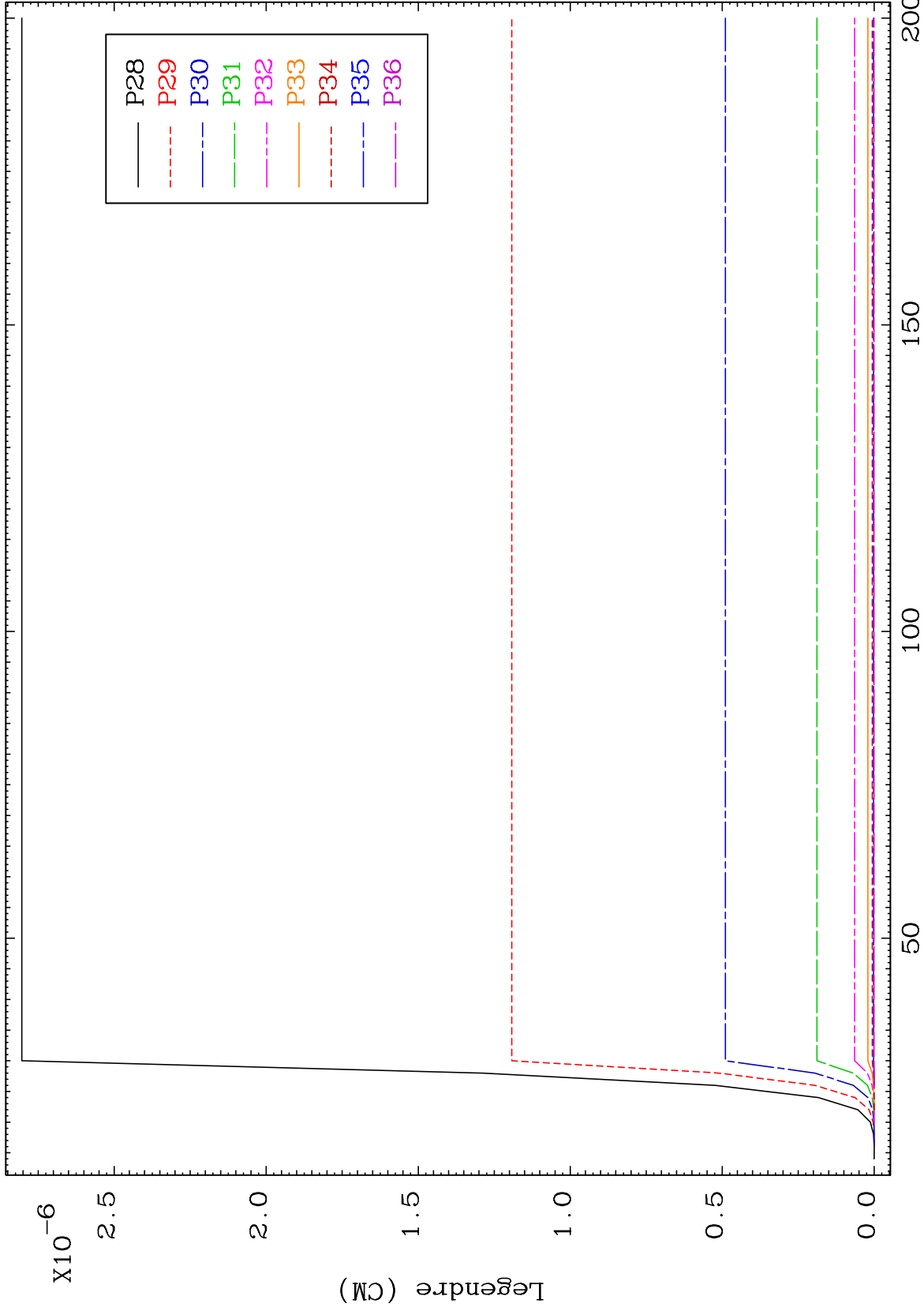


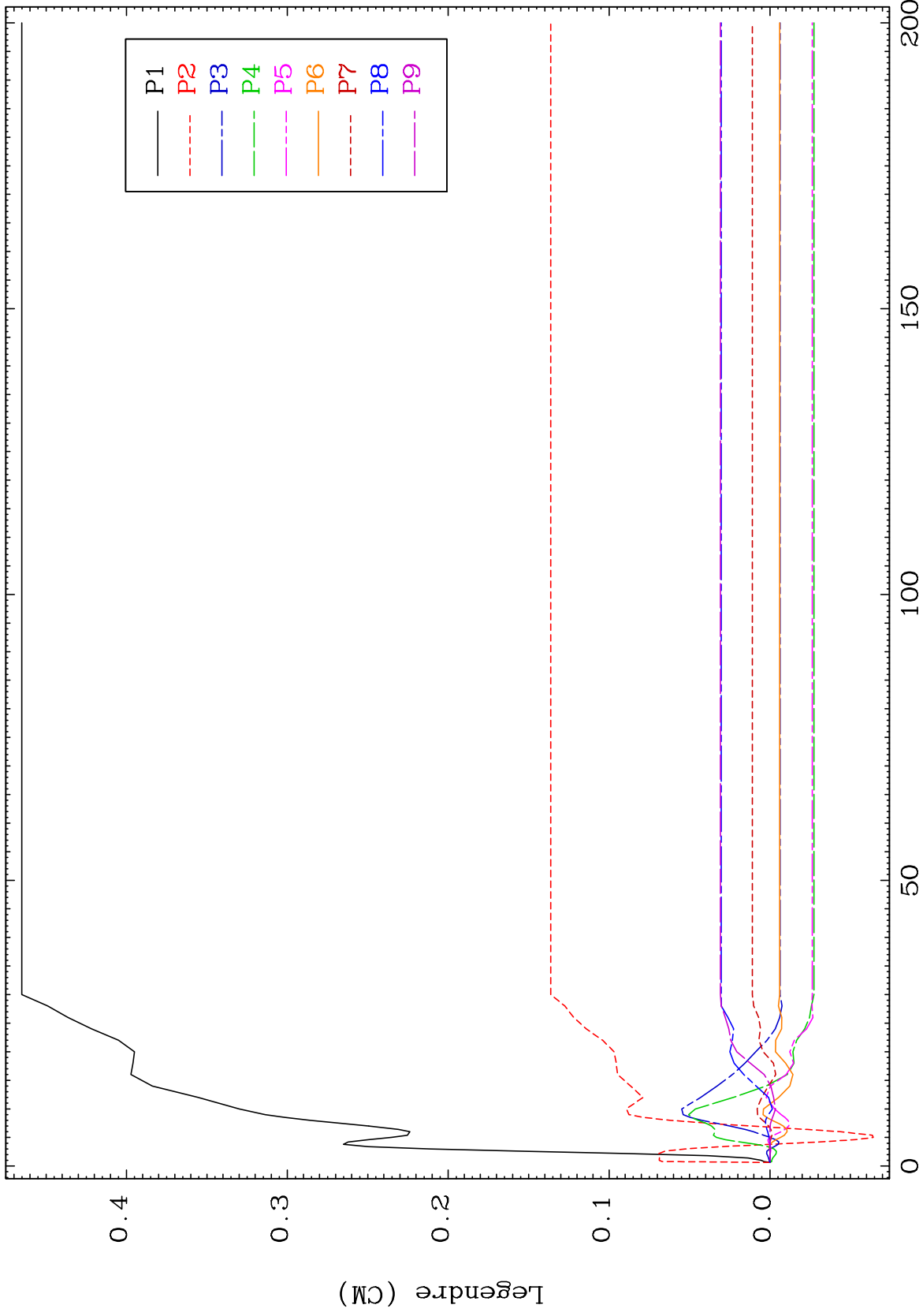
91

Incident Energy (MeV)

74-W -177



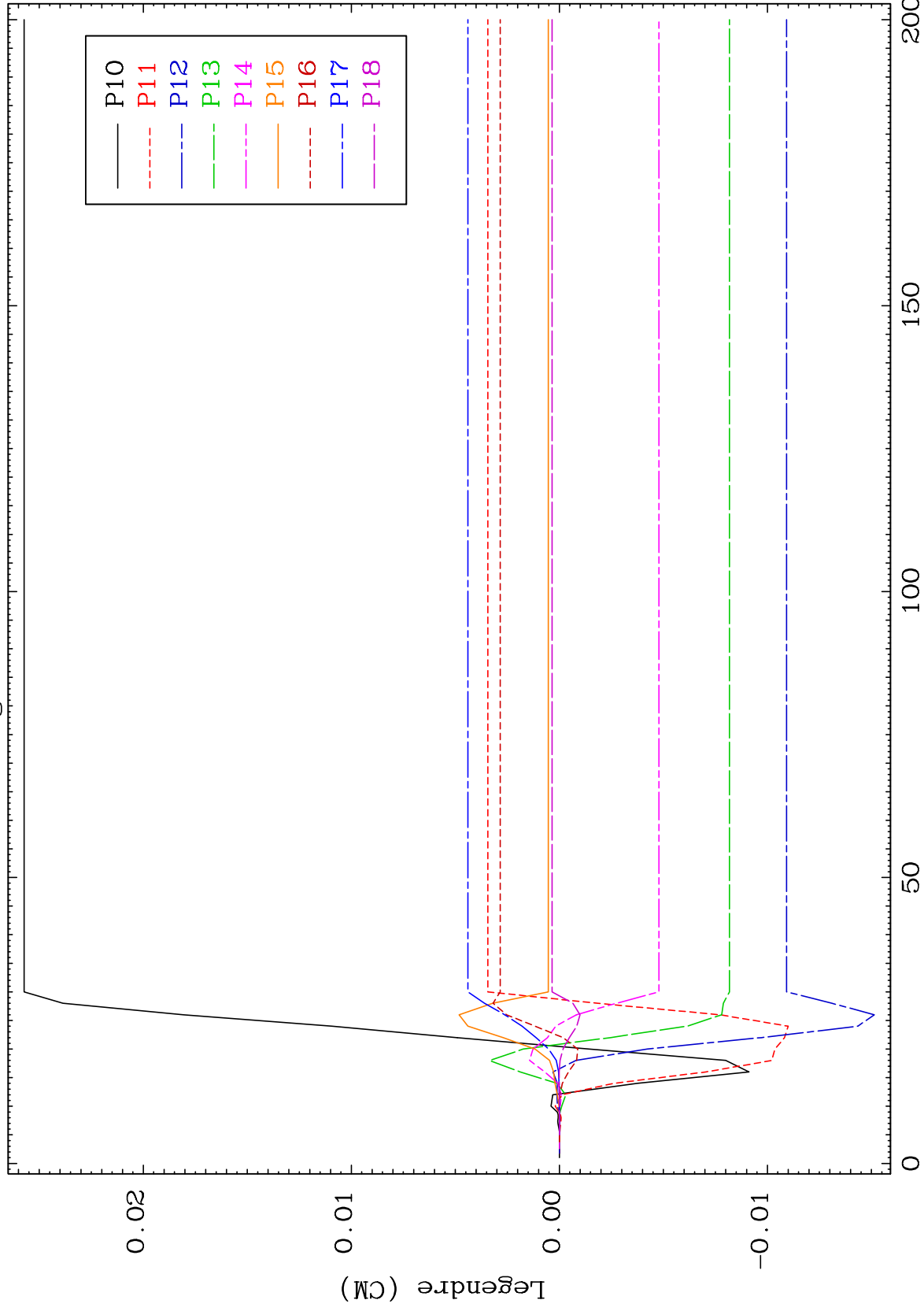




MAT 7416

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

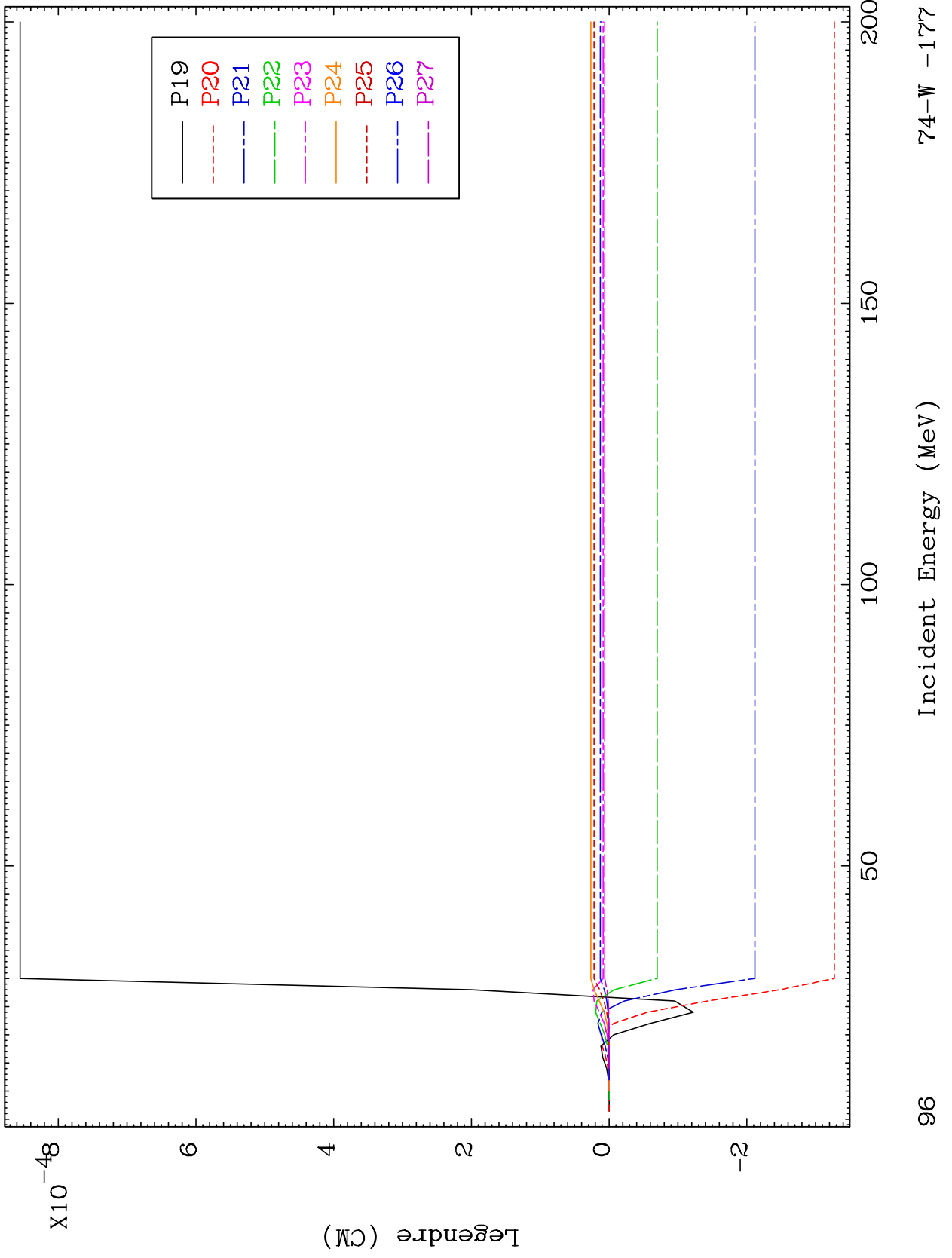
74-W -177

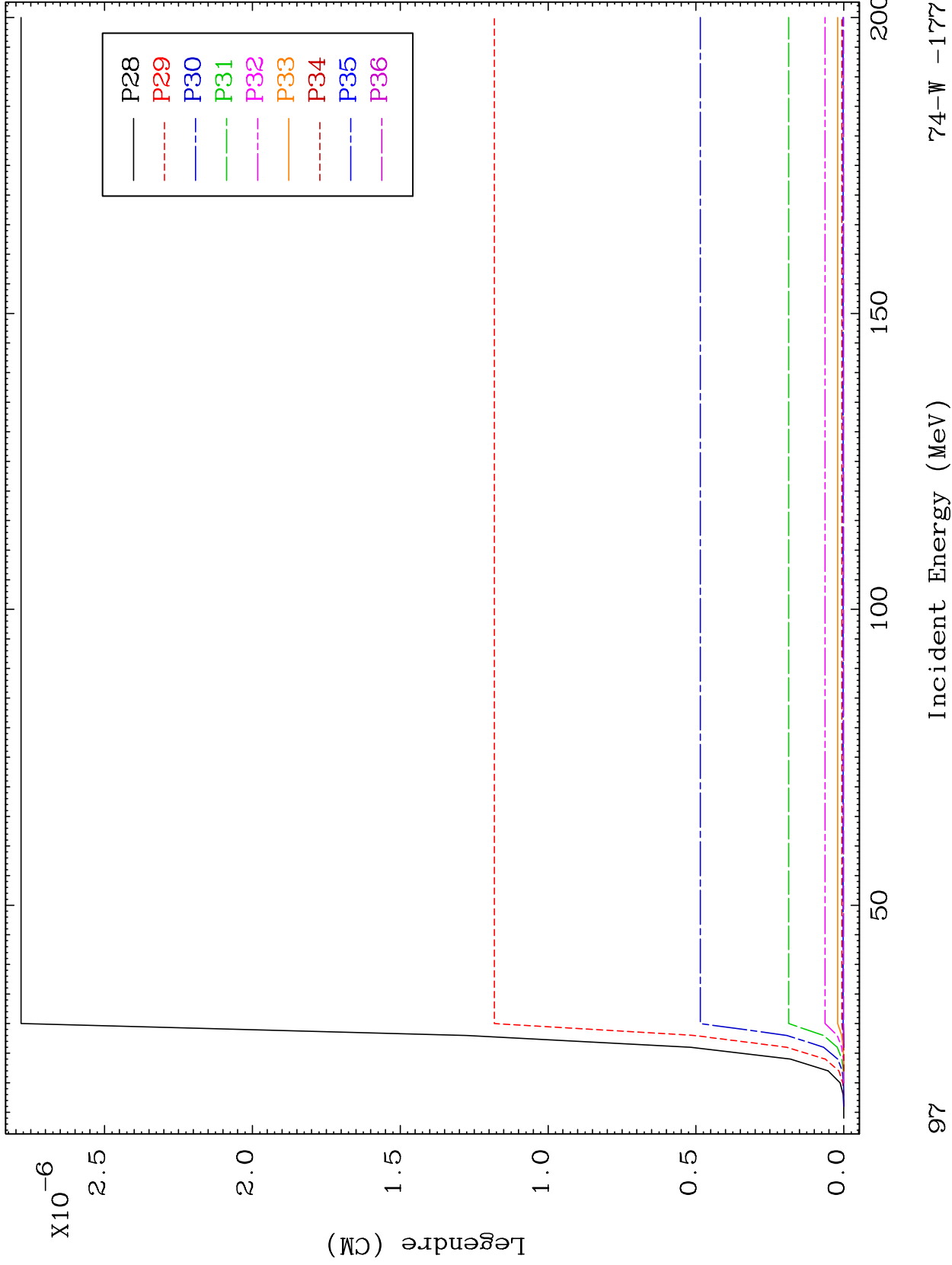


95

Incident Energy (MeV)

74-W -177

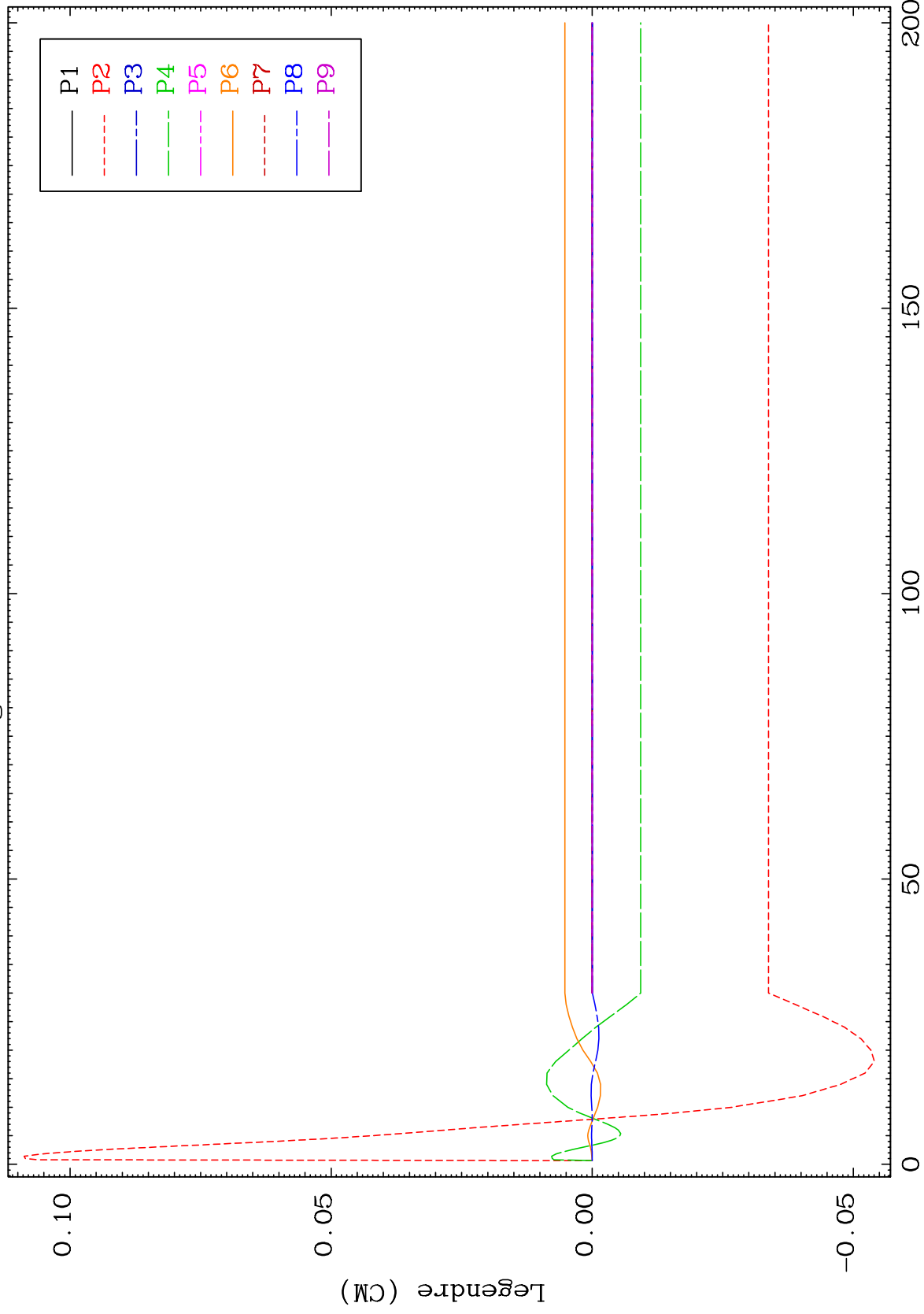




MAT 7416

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

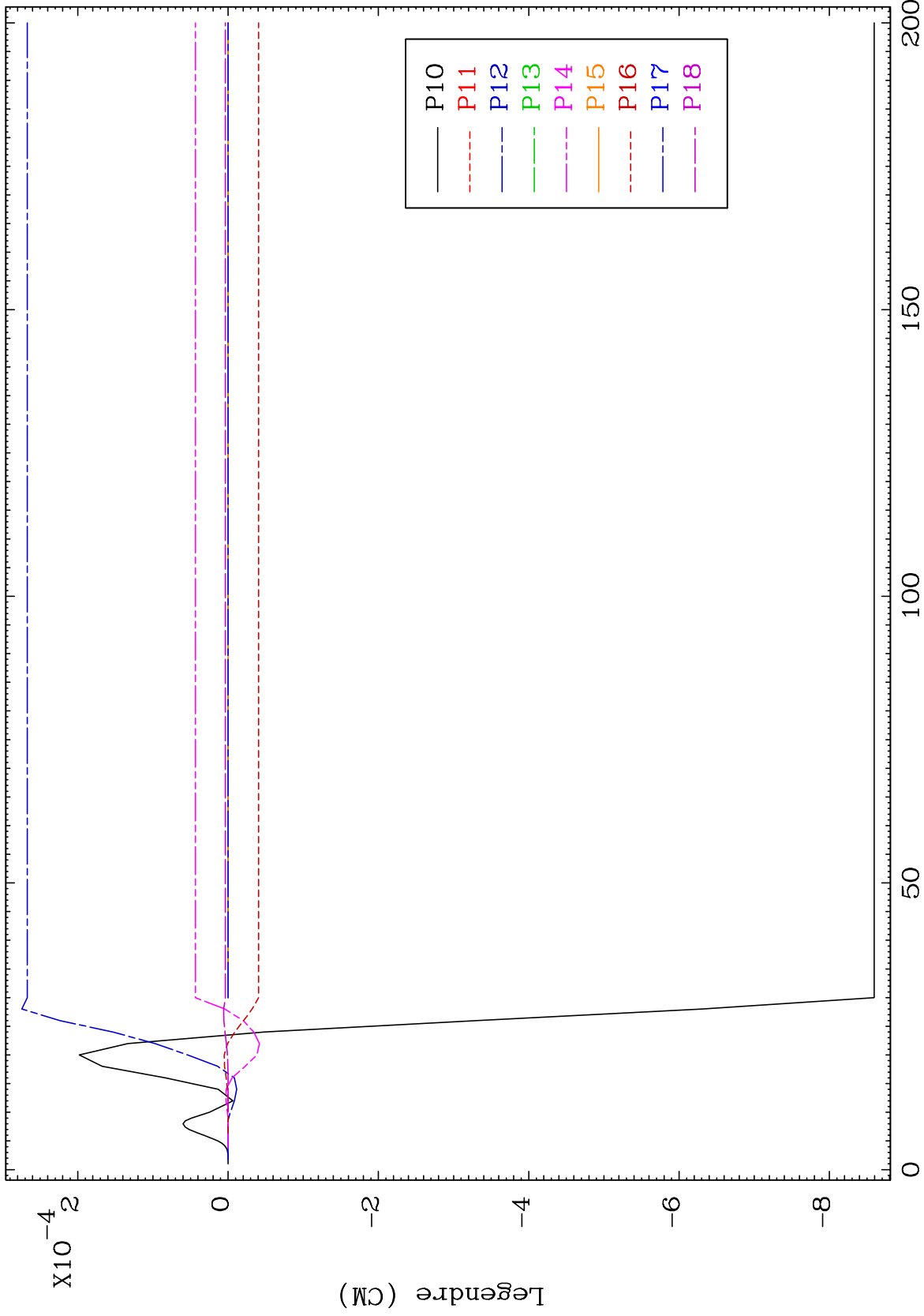
74-W -177

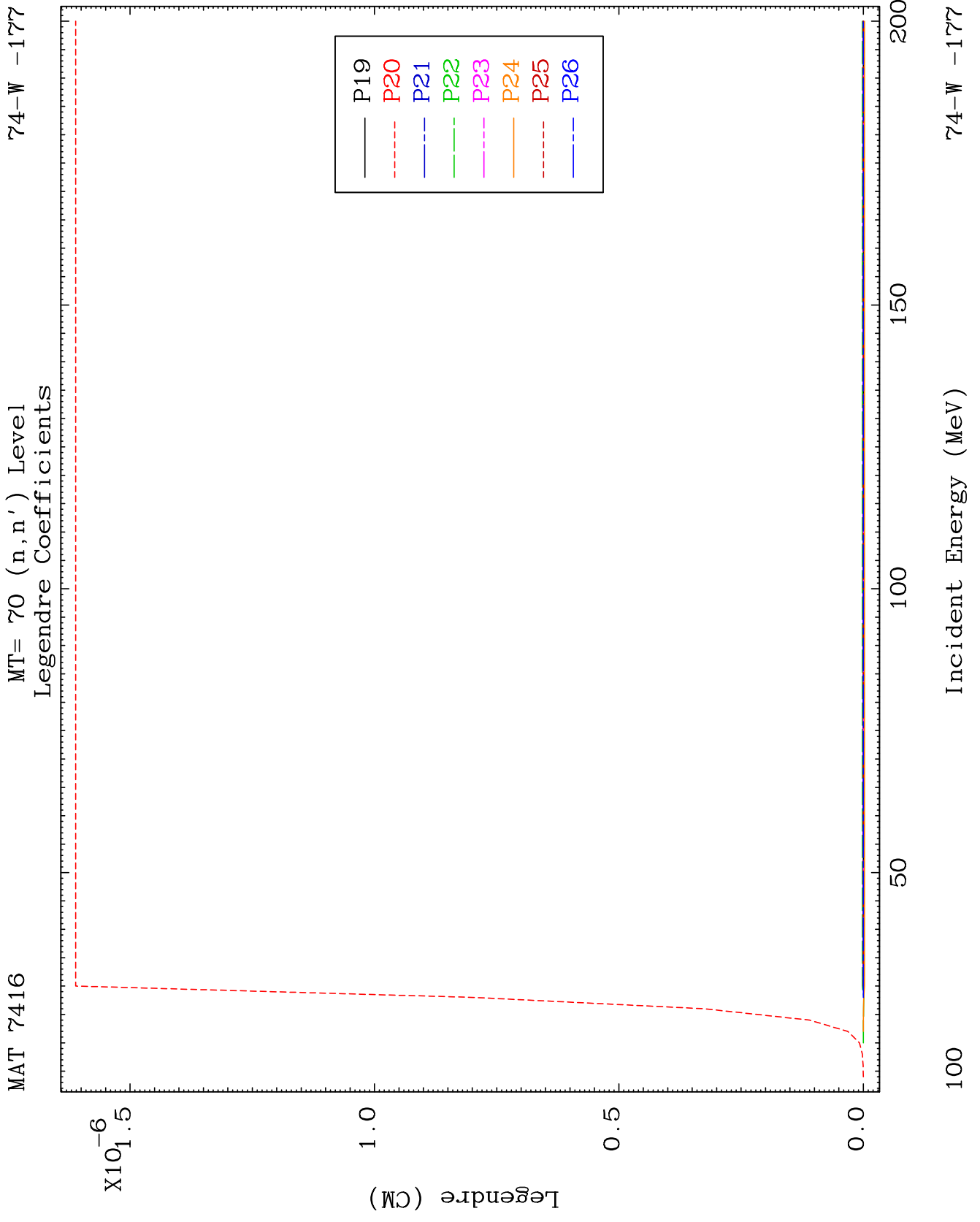


98

Incident Energy (MeV)

74-W -177

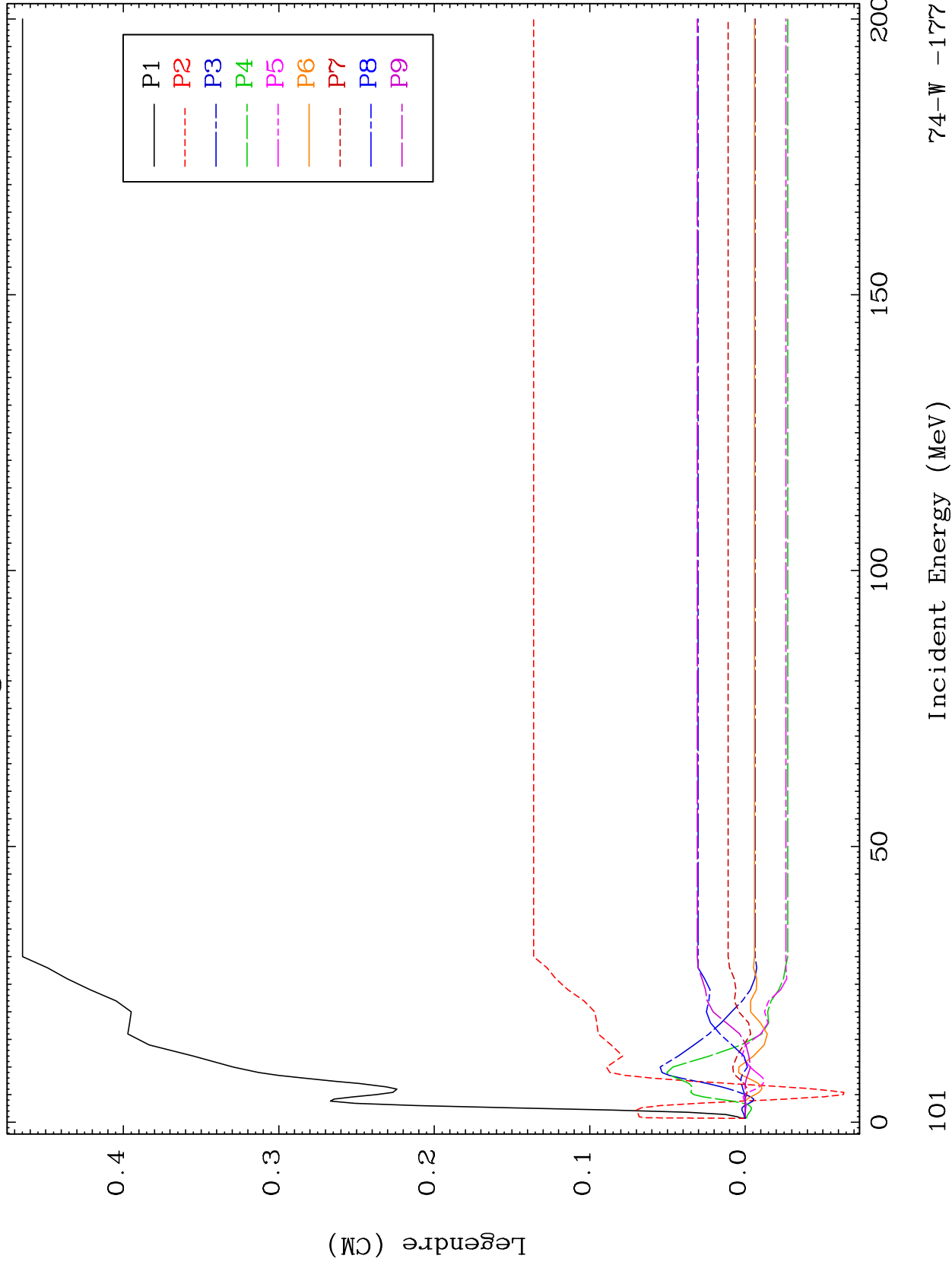




MAT 7416

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

74-W -177



74-W -177

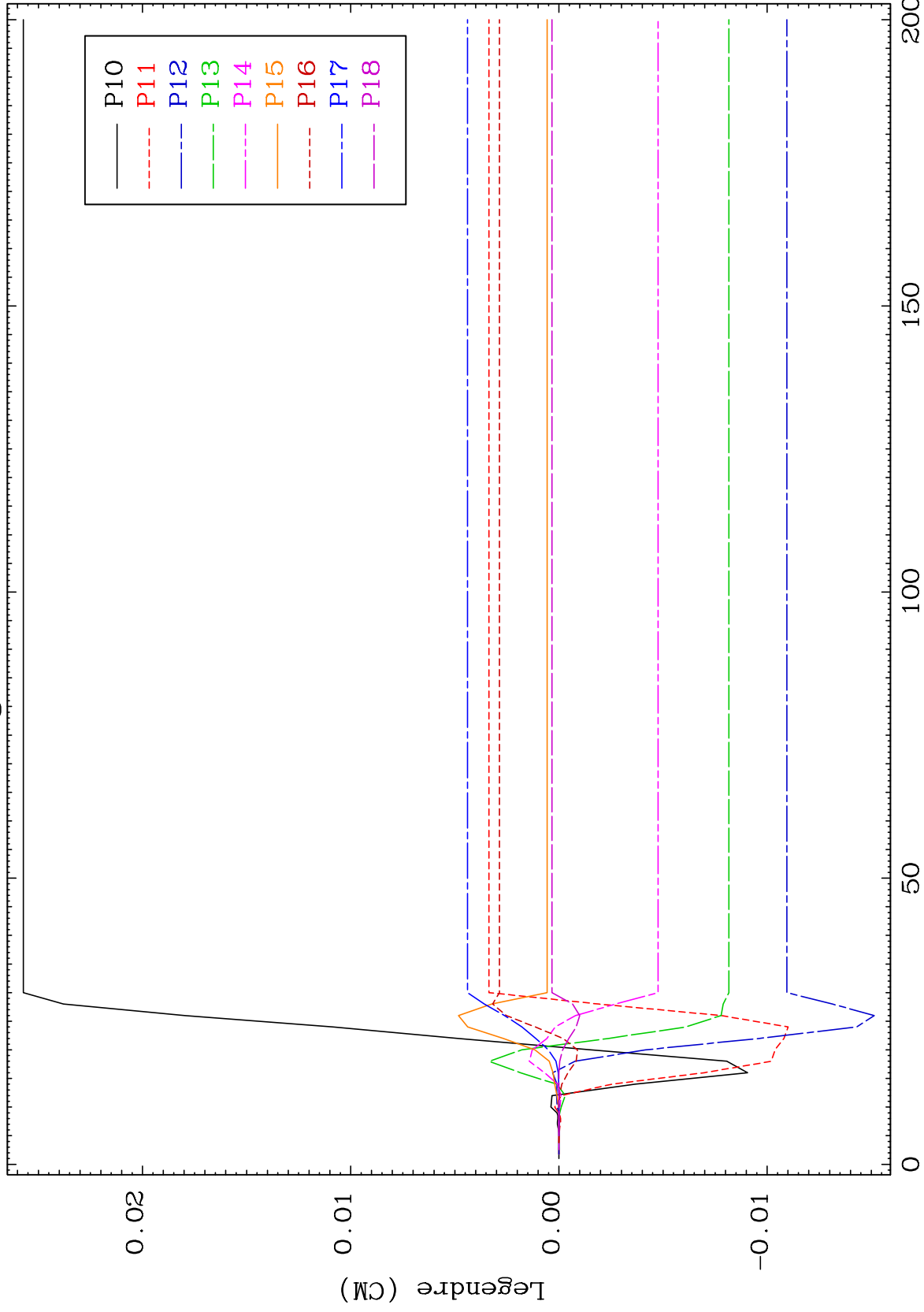
Incident Energy (MeV)

101

MAT 7416

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

74-W -177



102

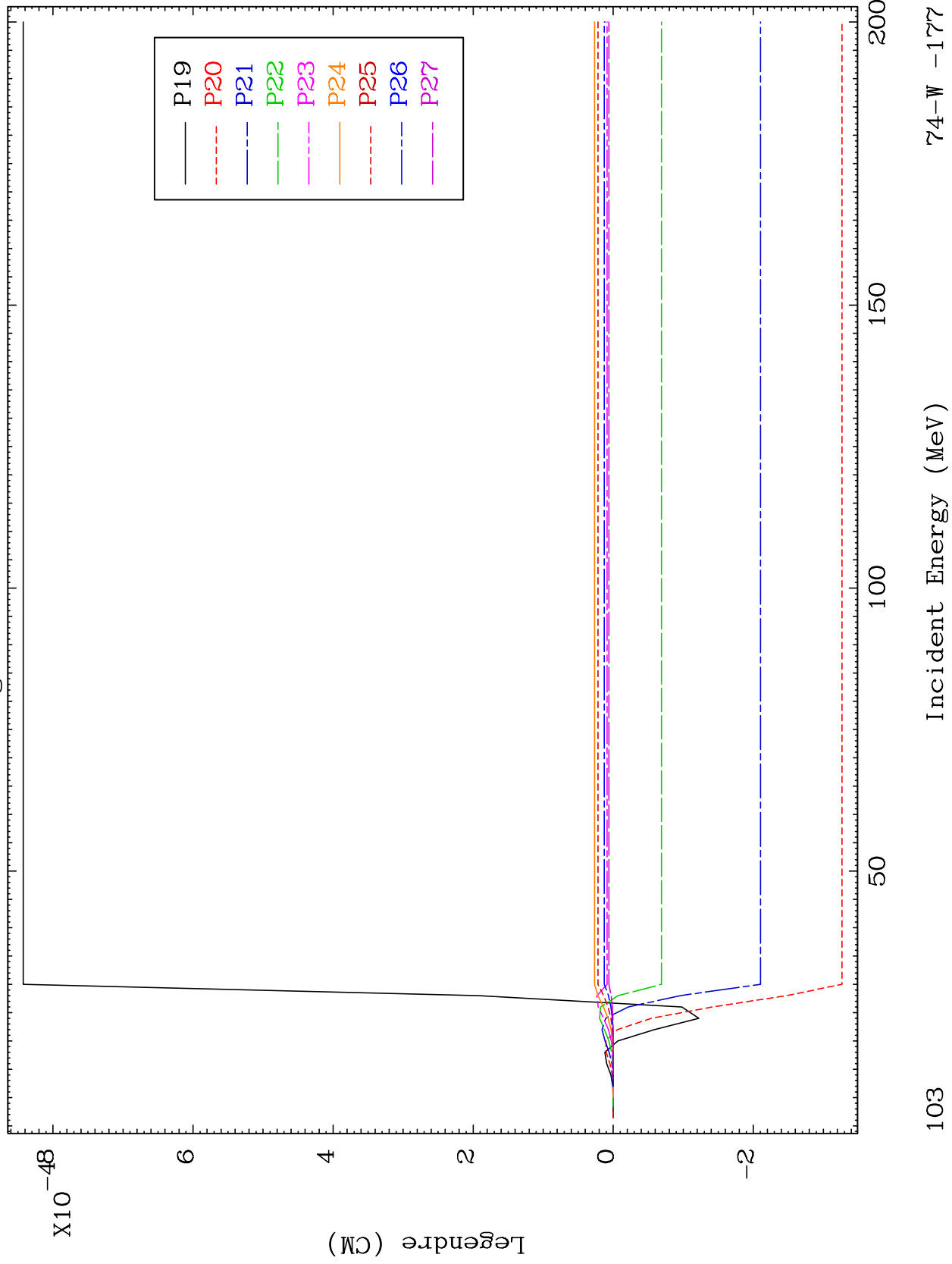
Incident Energy (MeV)

74-W -177

MAT 7416

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

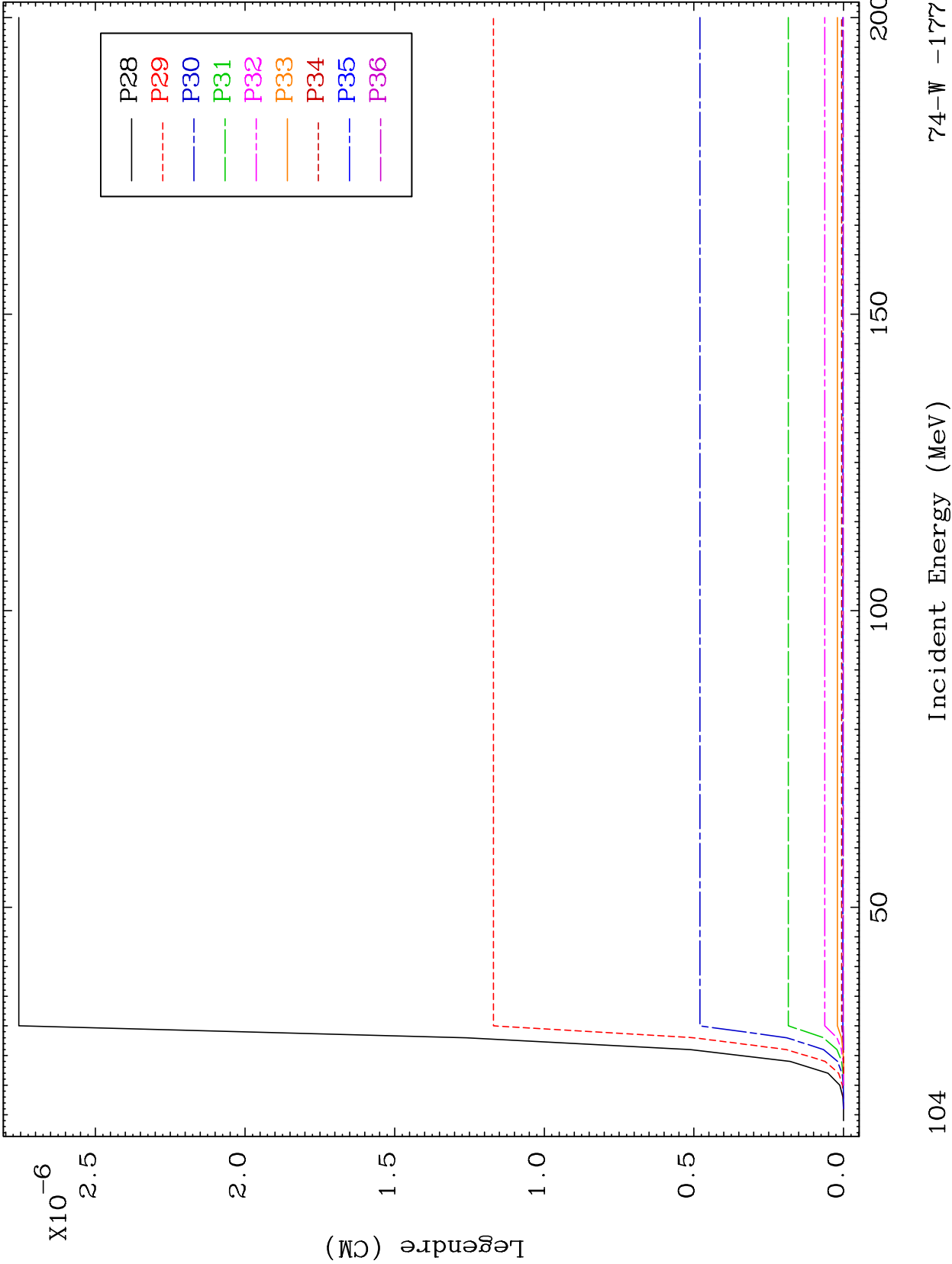
74-W -177



MAT 7416

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

74-W -177



104

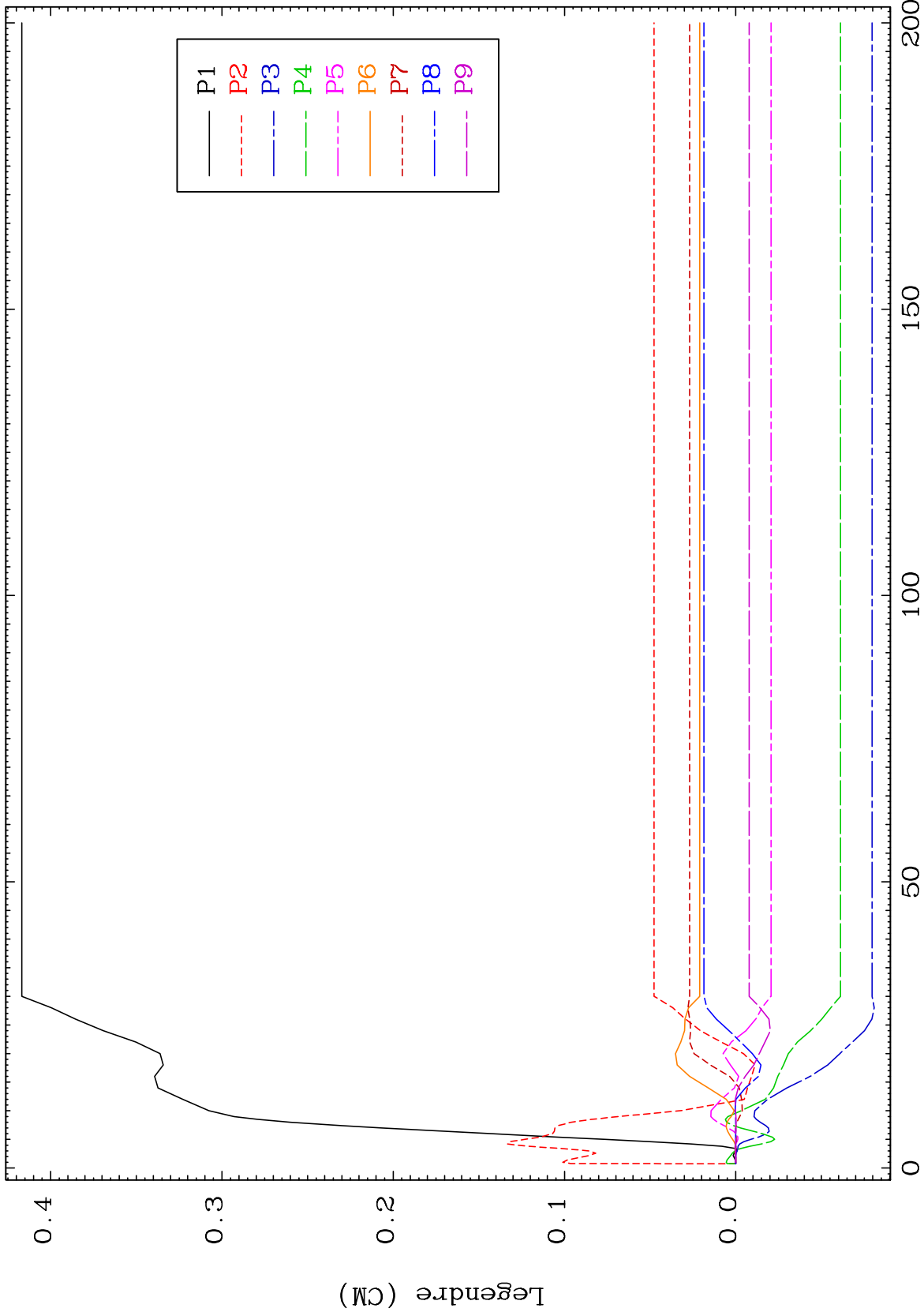
Incident Energy (MeV)

74-W -177

MAT 7416

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

74-W -177



74-W -177

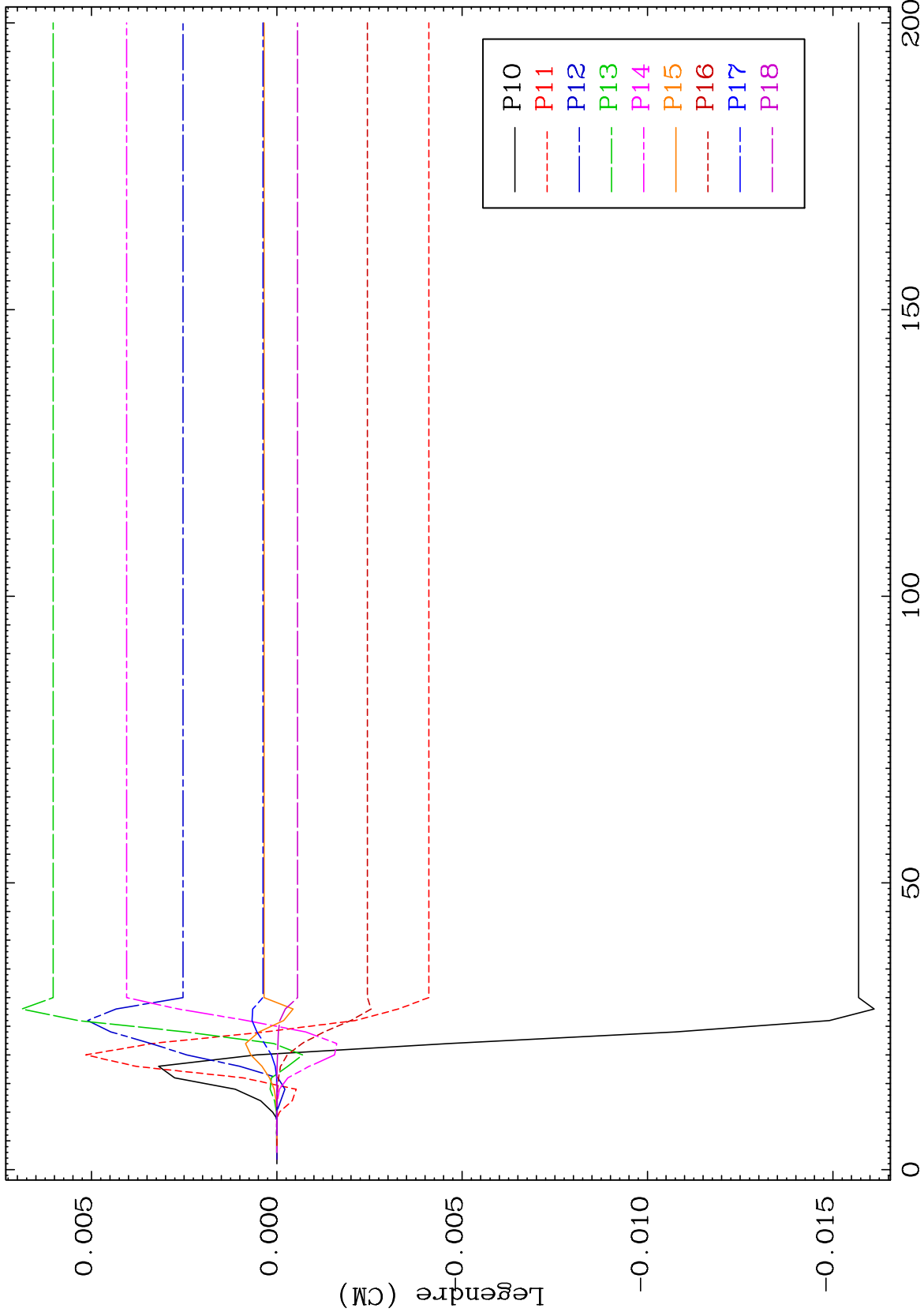
Incident Energy (MeV)

105

MAT 7416

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

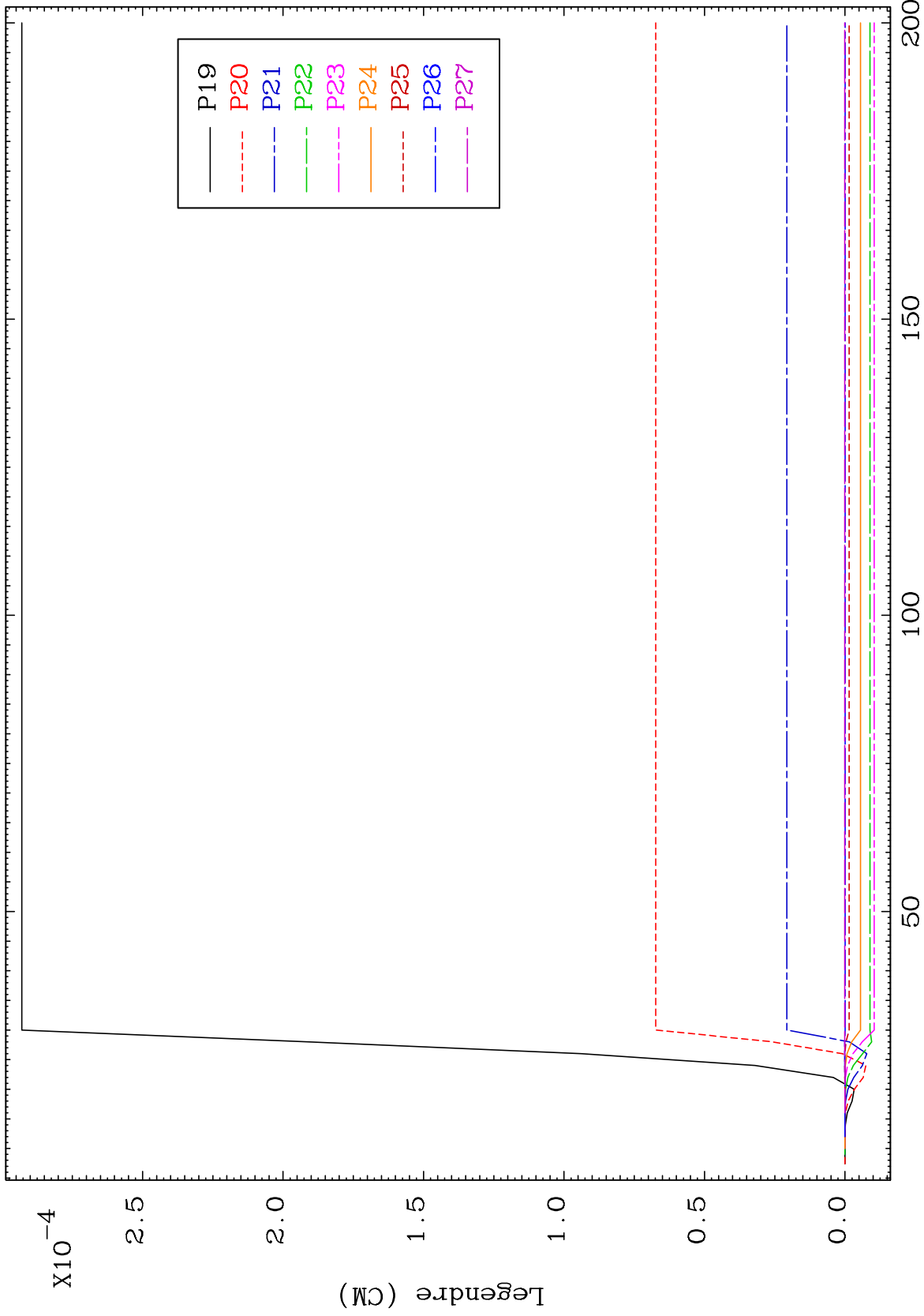
74-W -177



106

Incident Energy (MeV)

74-W -177



MAT 7416

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

74-W -177

$\times 10^{-7}$

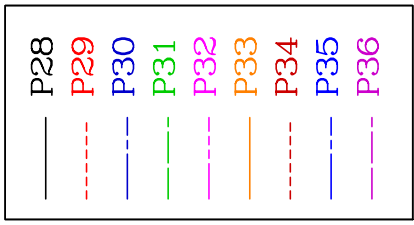
1.5

Legendre (CM)

1.0

0.5

0.0



200

150

100

50

108

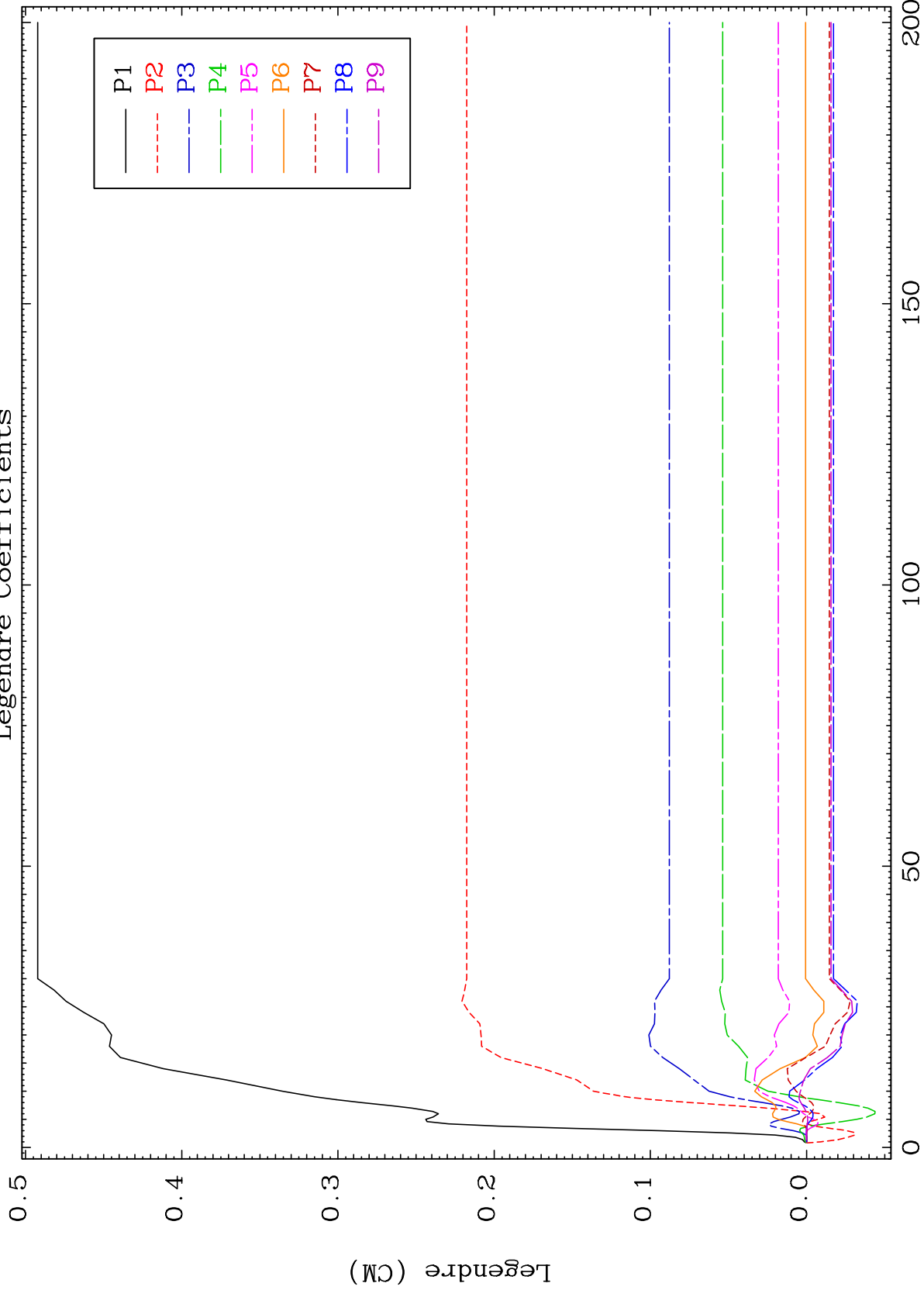
Incident Energy (MeV)

74-W -177

MAT 7416

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

74-W -177



74-W -177

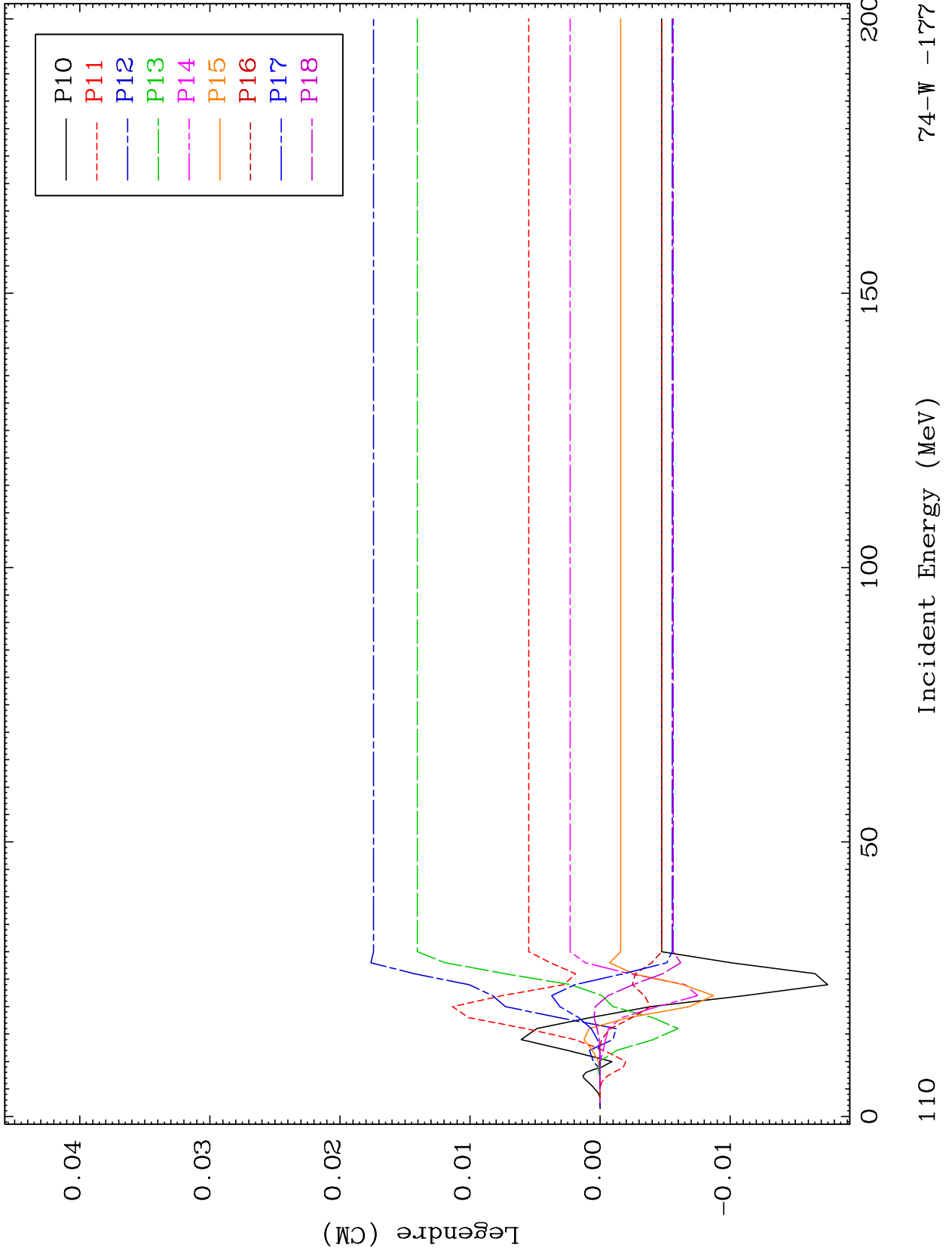
Incident Energy (MeV)

109

MAT 7416

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

74-W -177



74-W -177

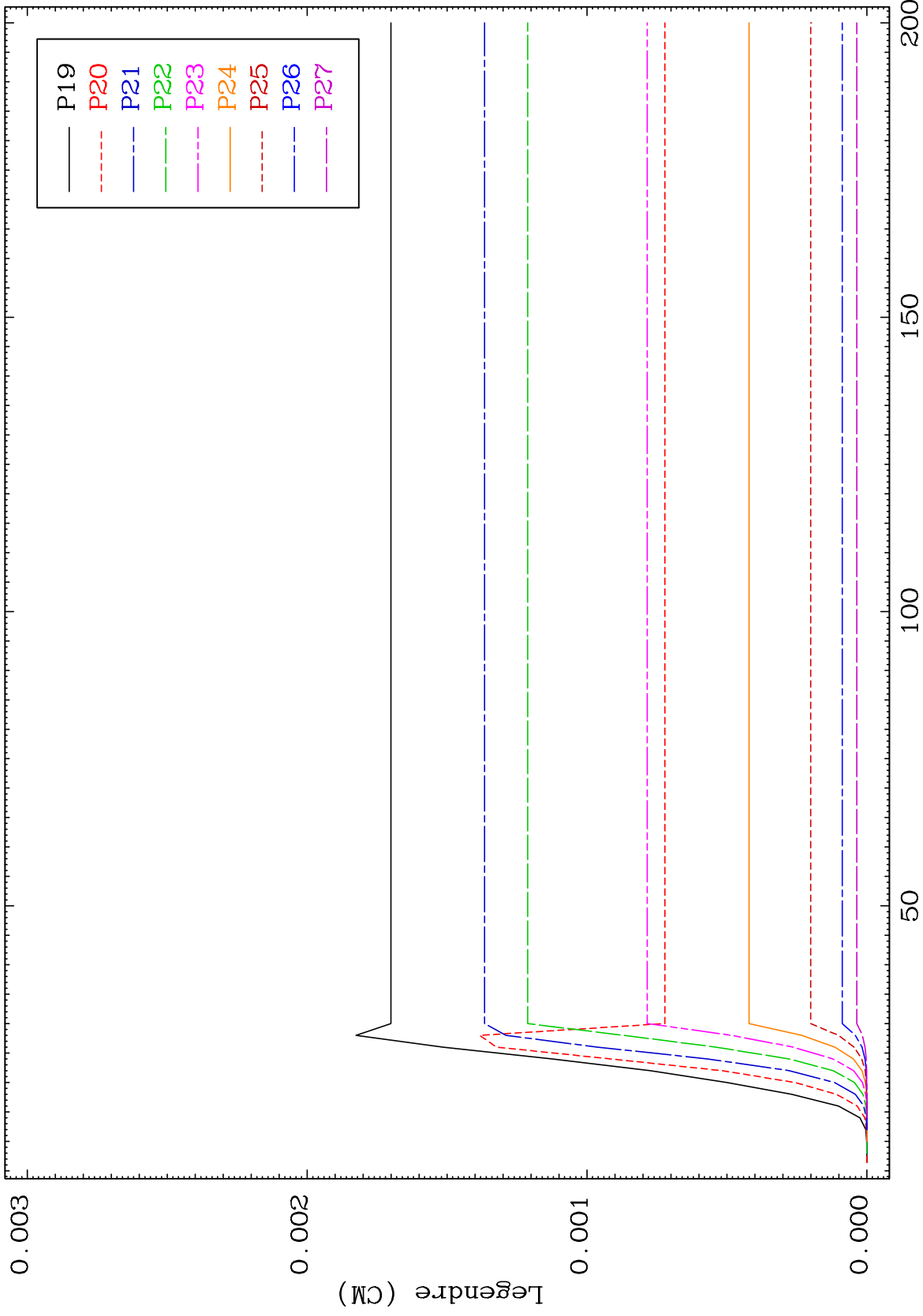
Incident Energy (MeV)

110

MAT 7416

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

74-W -177



111

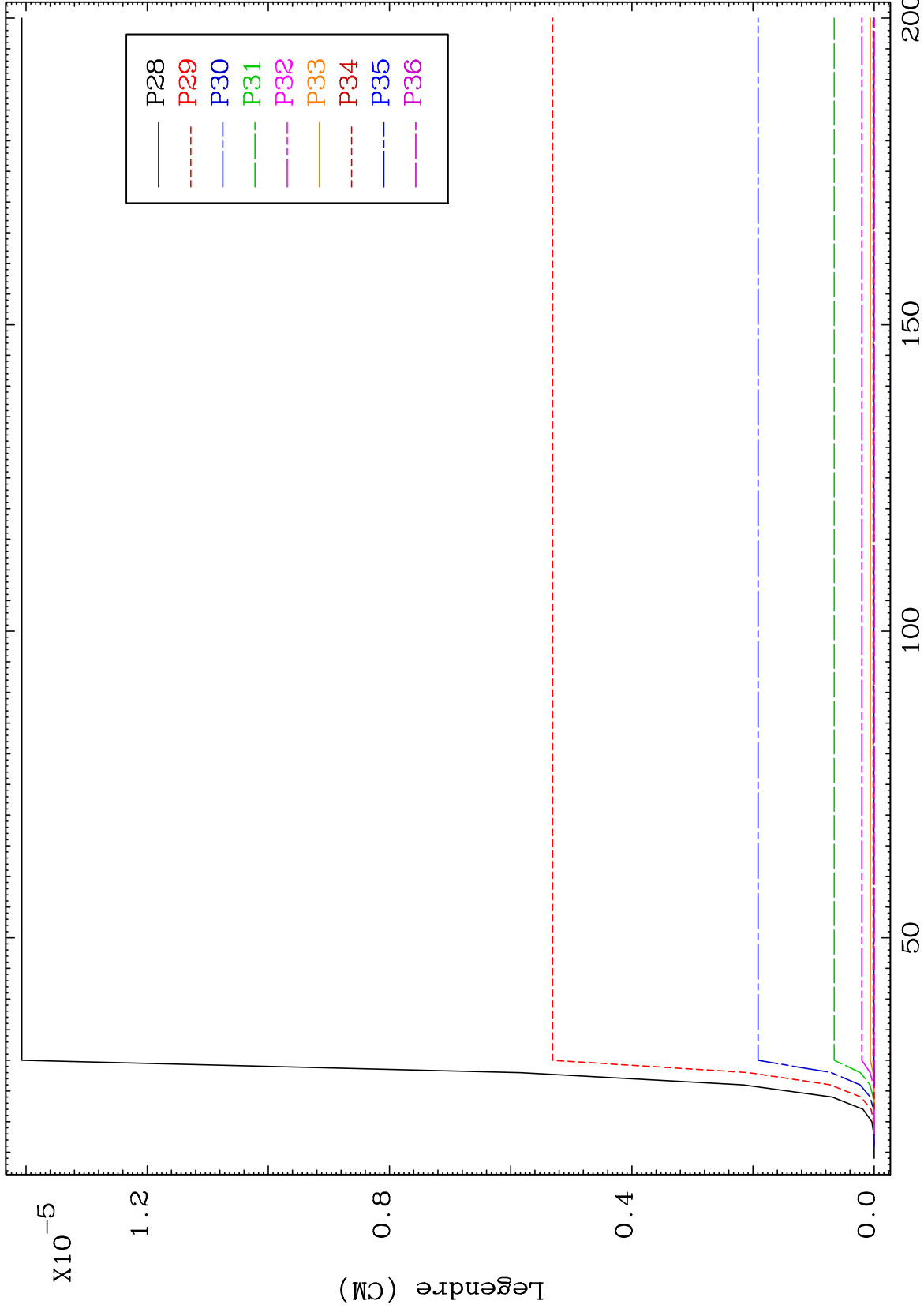
Incident Energy (MeV)

74-W -177

MAT 7416

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

74-W -177

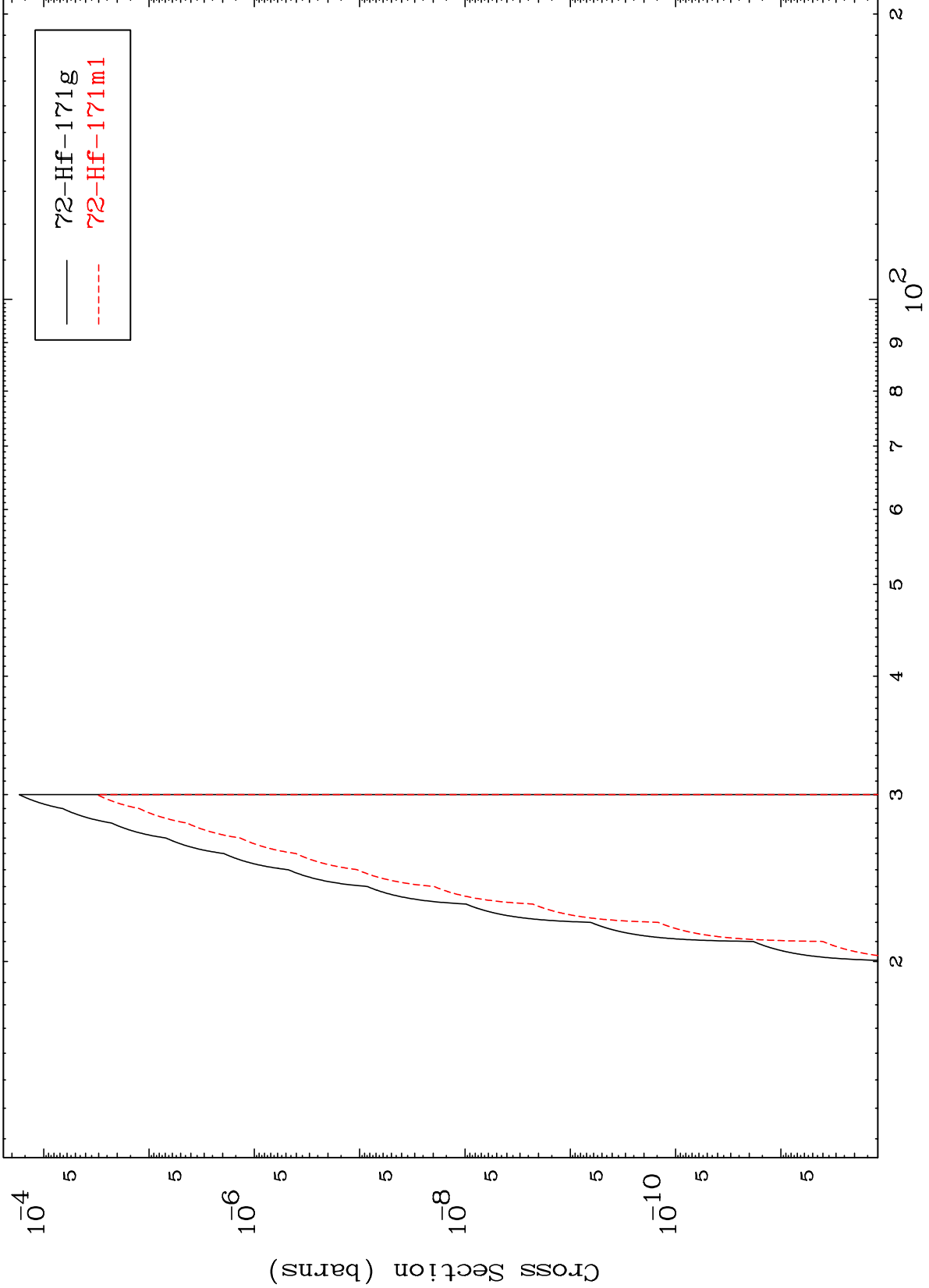


112

Incident Energy (MeV)

74-W -177

Radionuclide Production Cross Section



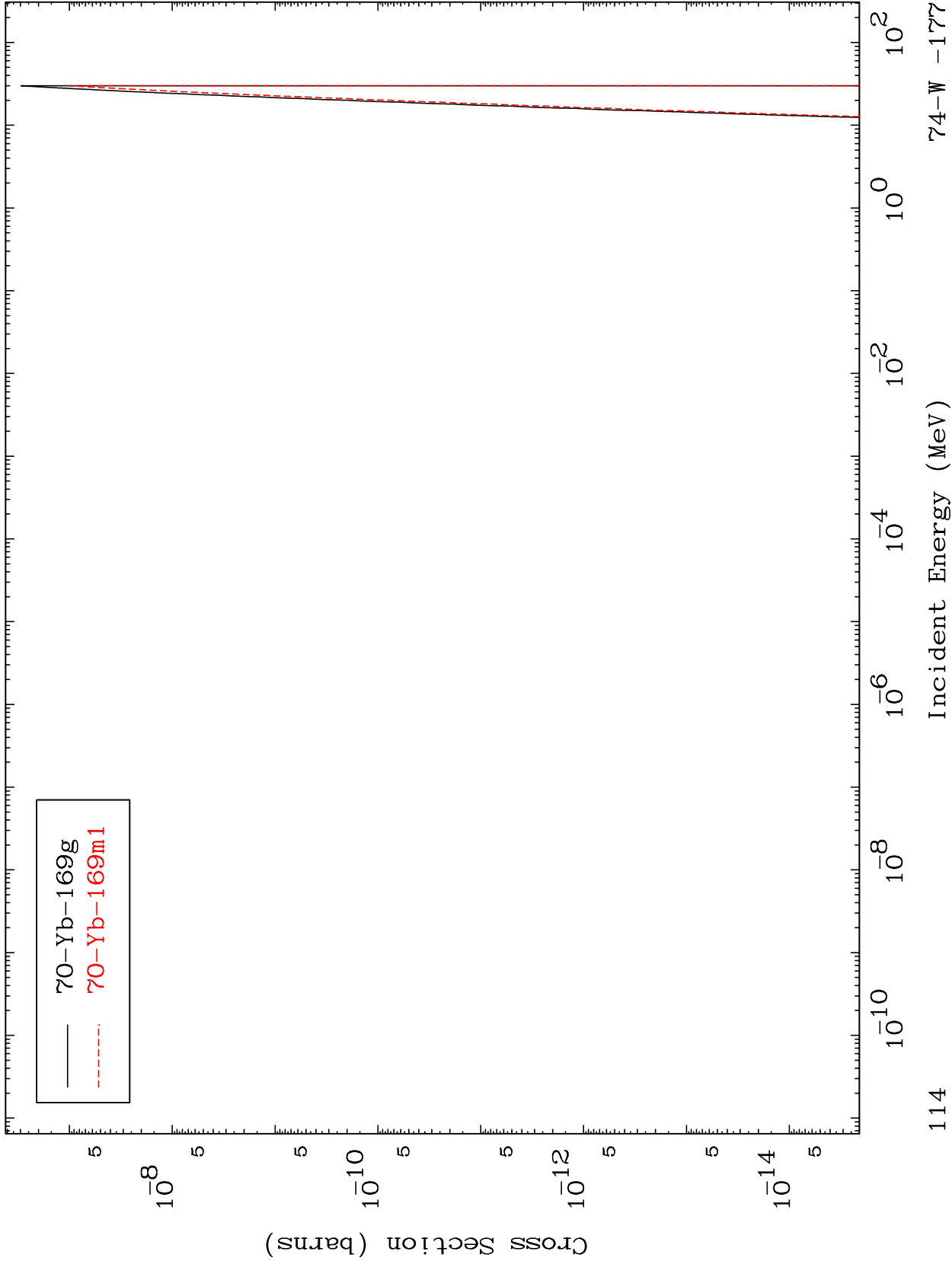
72-Hf-171g
72-Hf-171m1

MAT 7416

(n,n') 2α

74-W -177

Radionuclide Production Cross Section



114

Incident Energy (MeV)

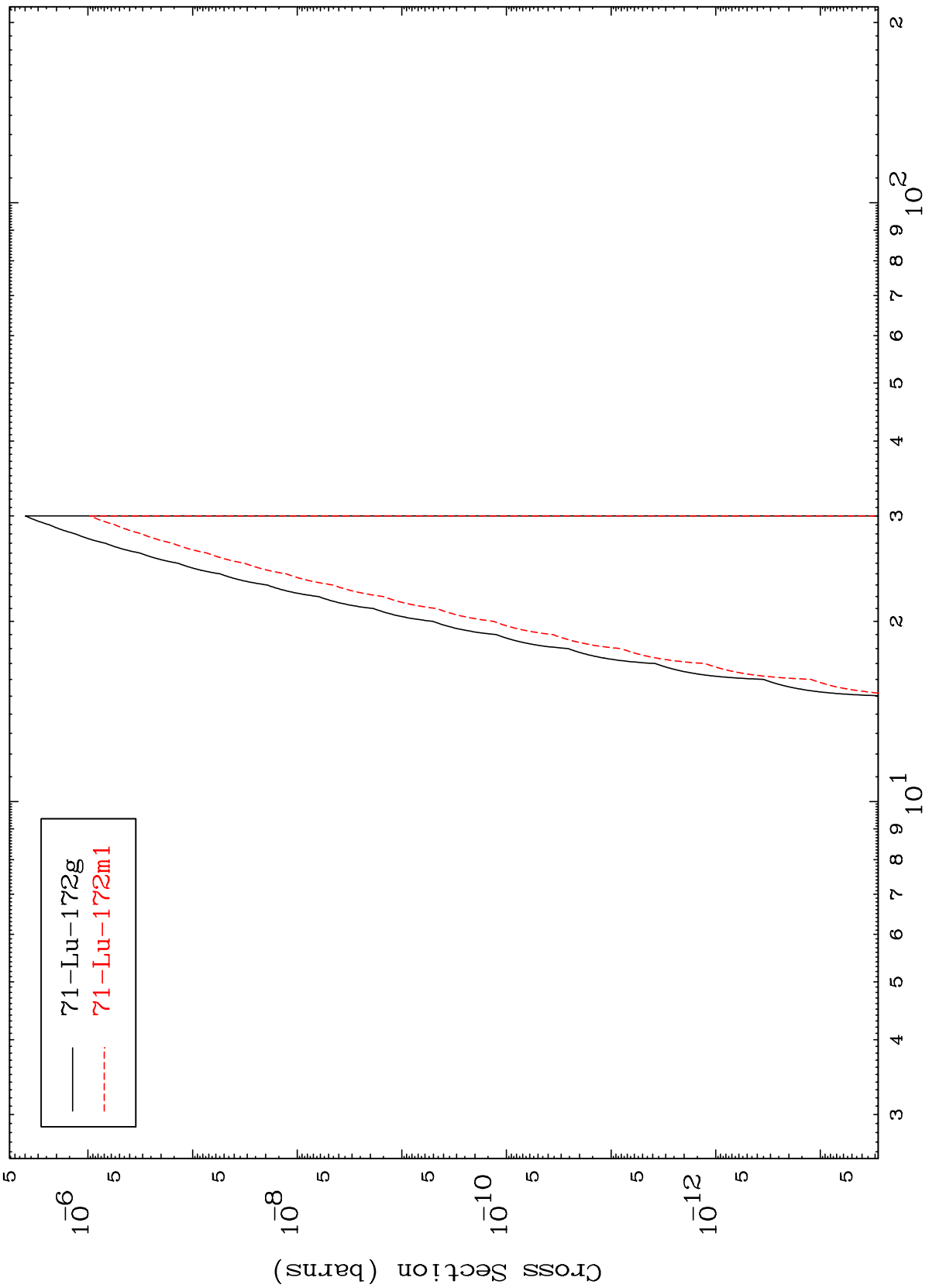
74-W -177

MAT 7416

(n,n') p α

74-W -177

Radionuclide Production Cross Section



— $^{71}\text{Lu-172g}$
- - - $^{71}\text{Lu-172m1}$

115

Incident Energy (MeV)

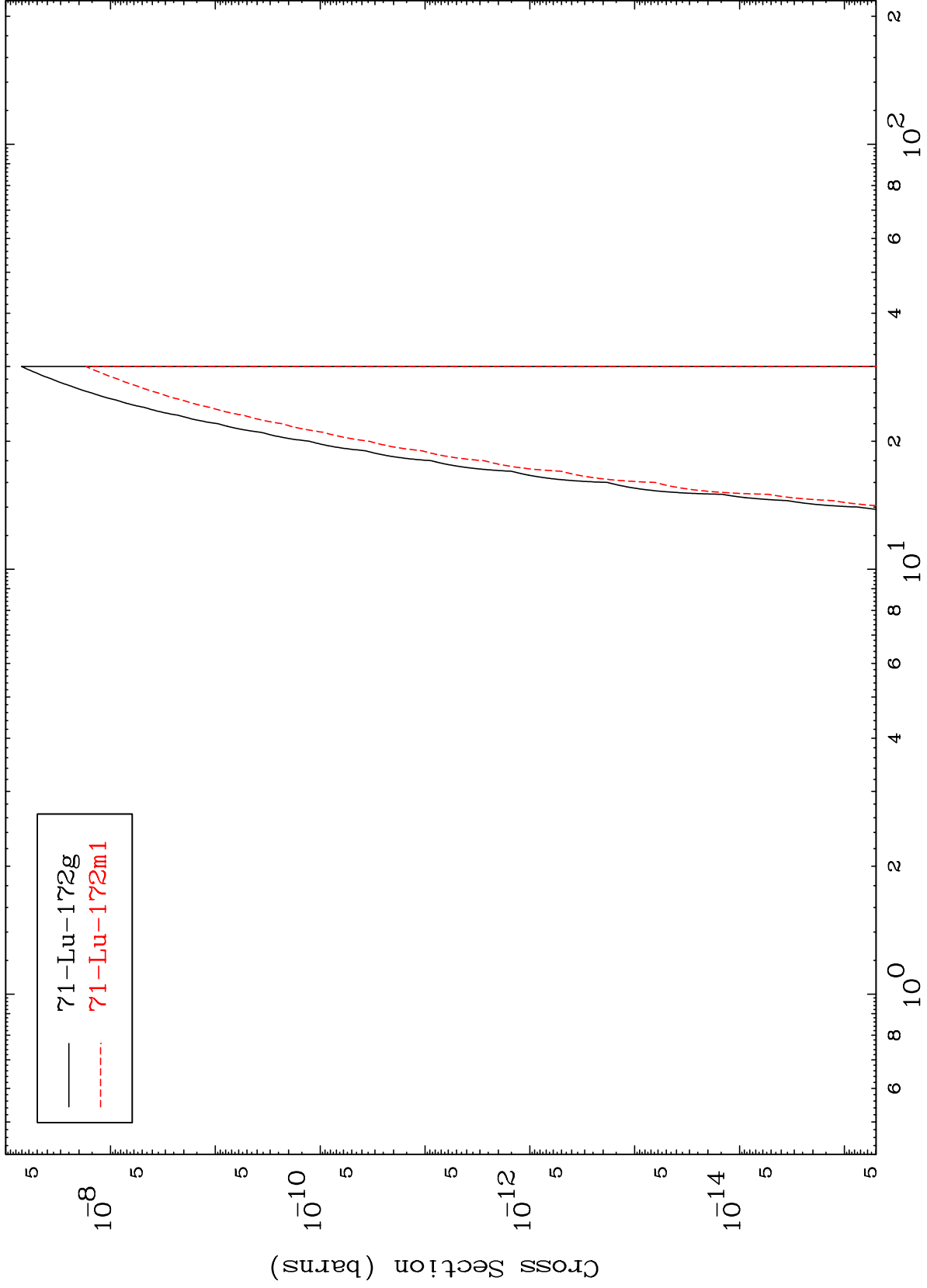
74-W -177

MAT 7416

(n,d) α

74-W -177

Radionuclide Production Cross Section



— 71-Lu-172g
- - - 71-Lu-172m1

116

Incident Energy (MeV)

74-W -177