

Program EVALPLOT  
(Version 2015-2)

by

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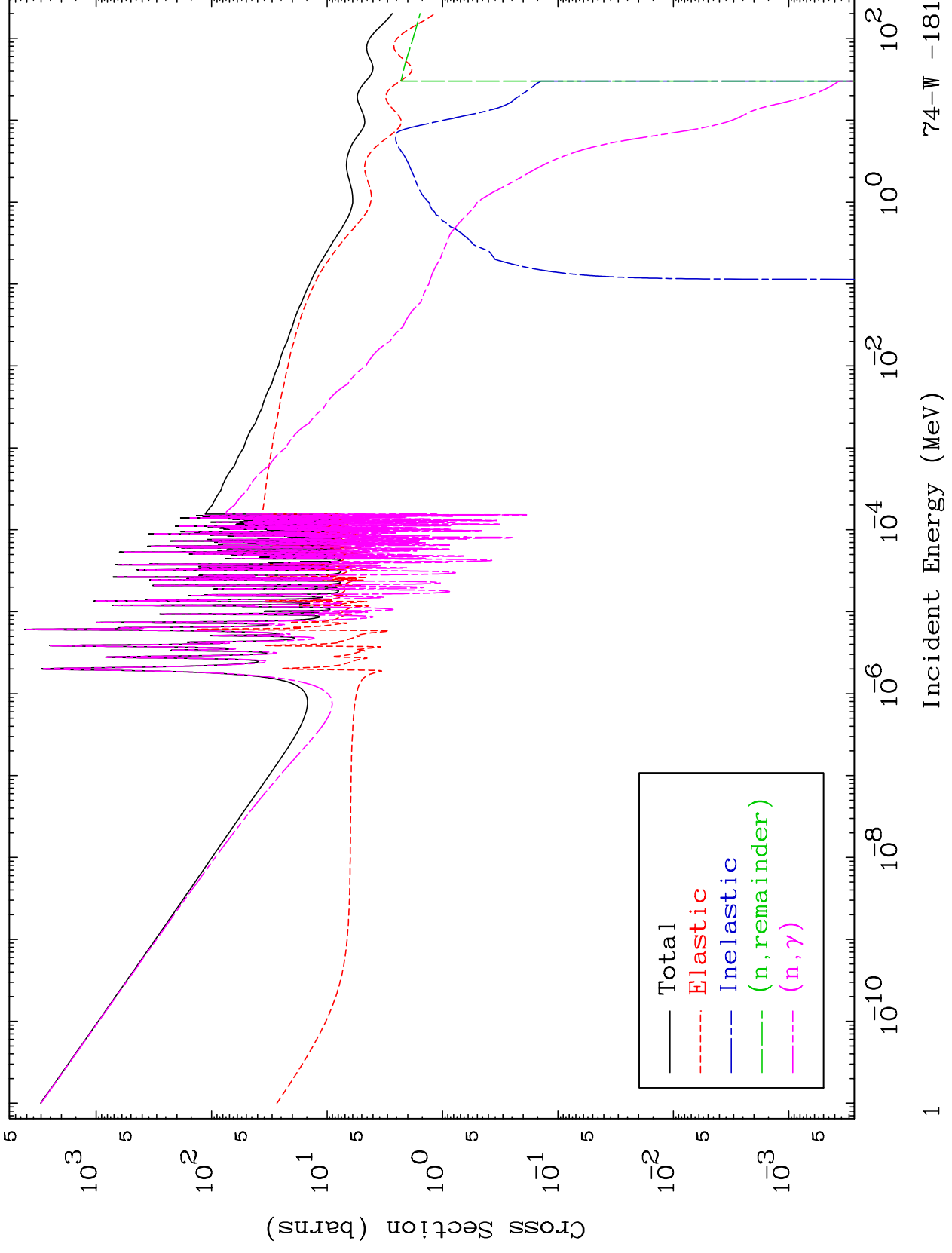
Press Mouse Button to Start

MAT 7428

Major

293 Kelvin Cross Sections

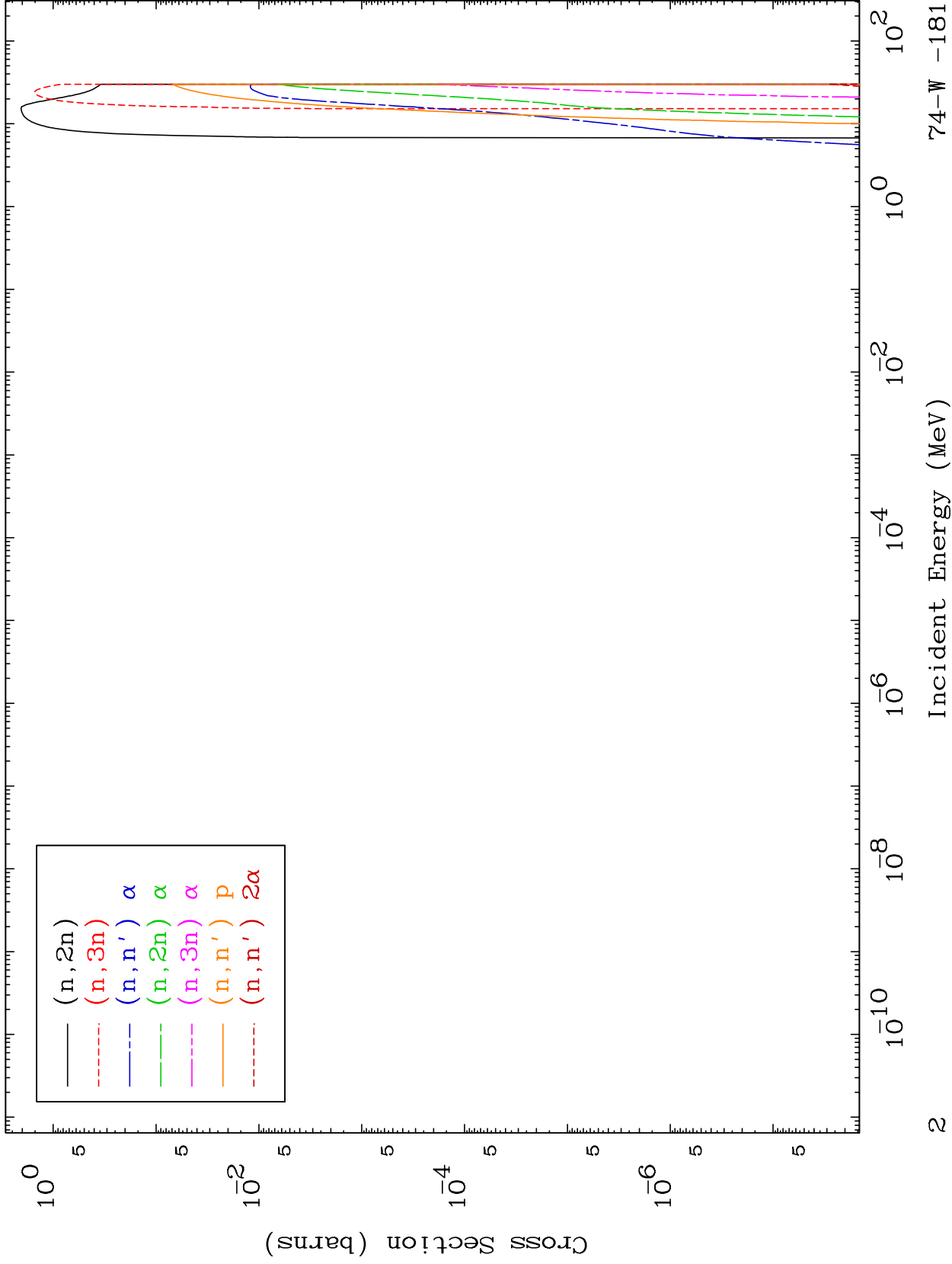
74-W -181

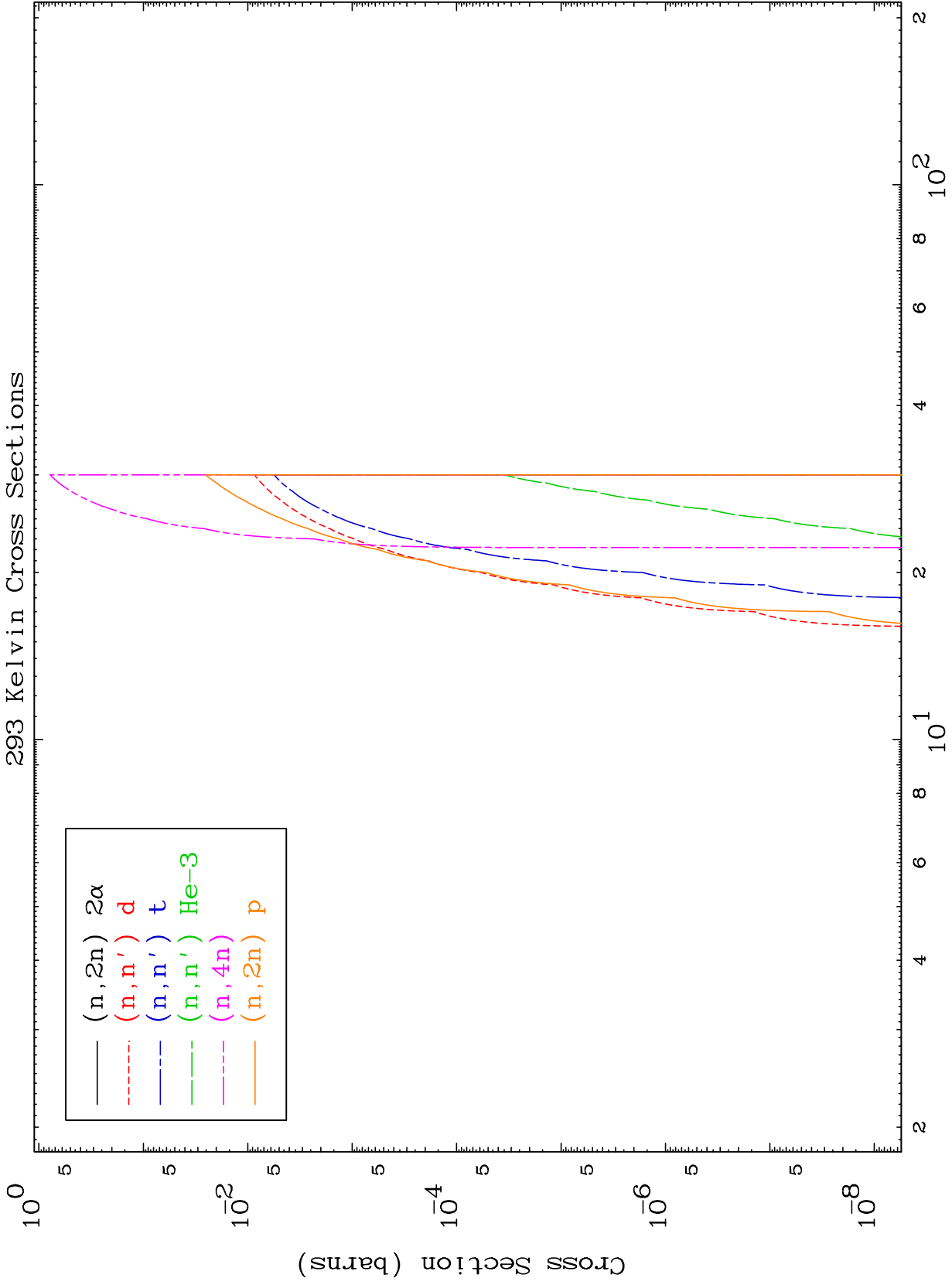


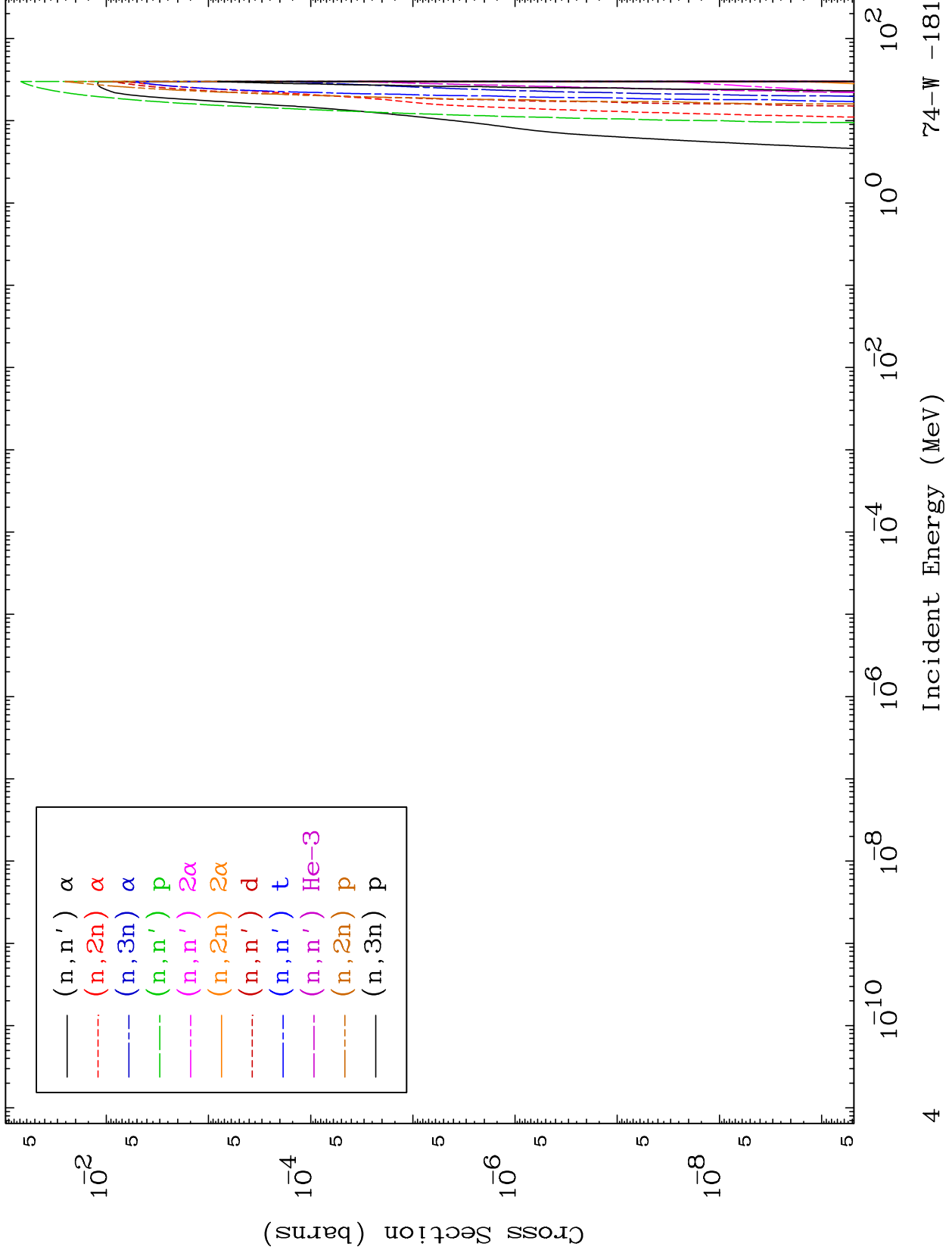
MAT 7428

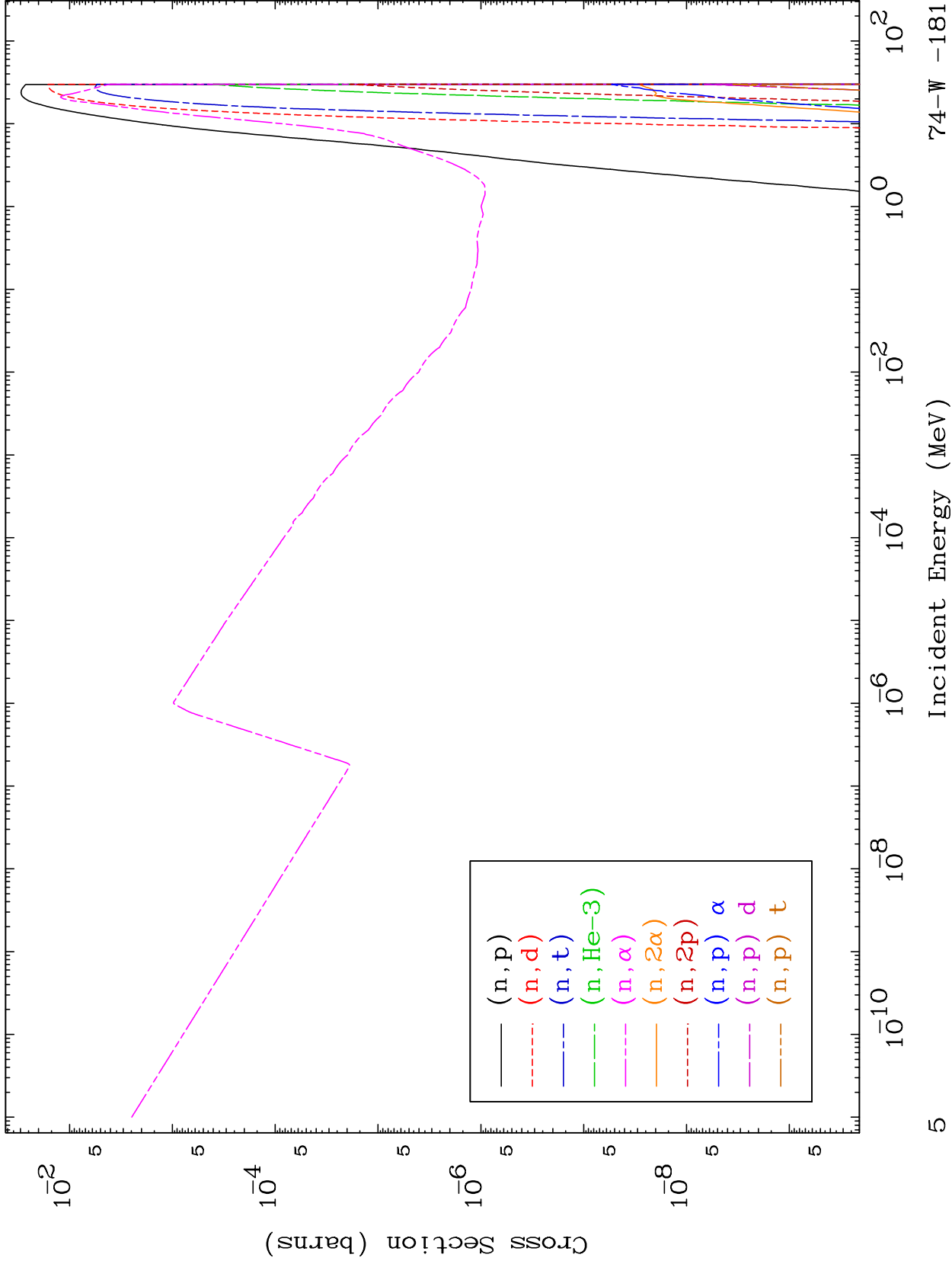
Neutron Production  
293 Kelvin Cross Sections

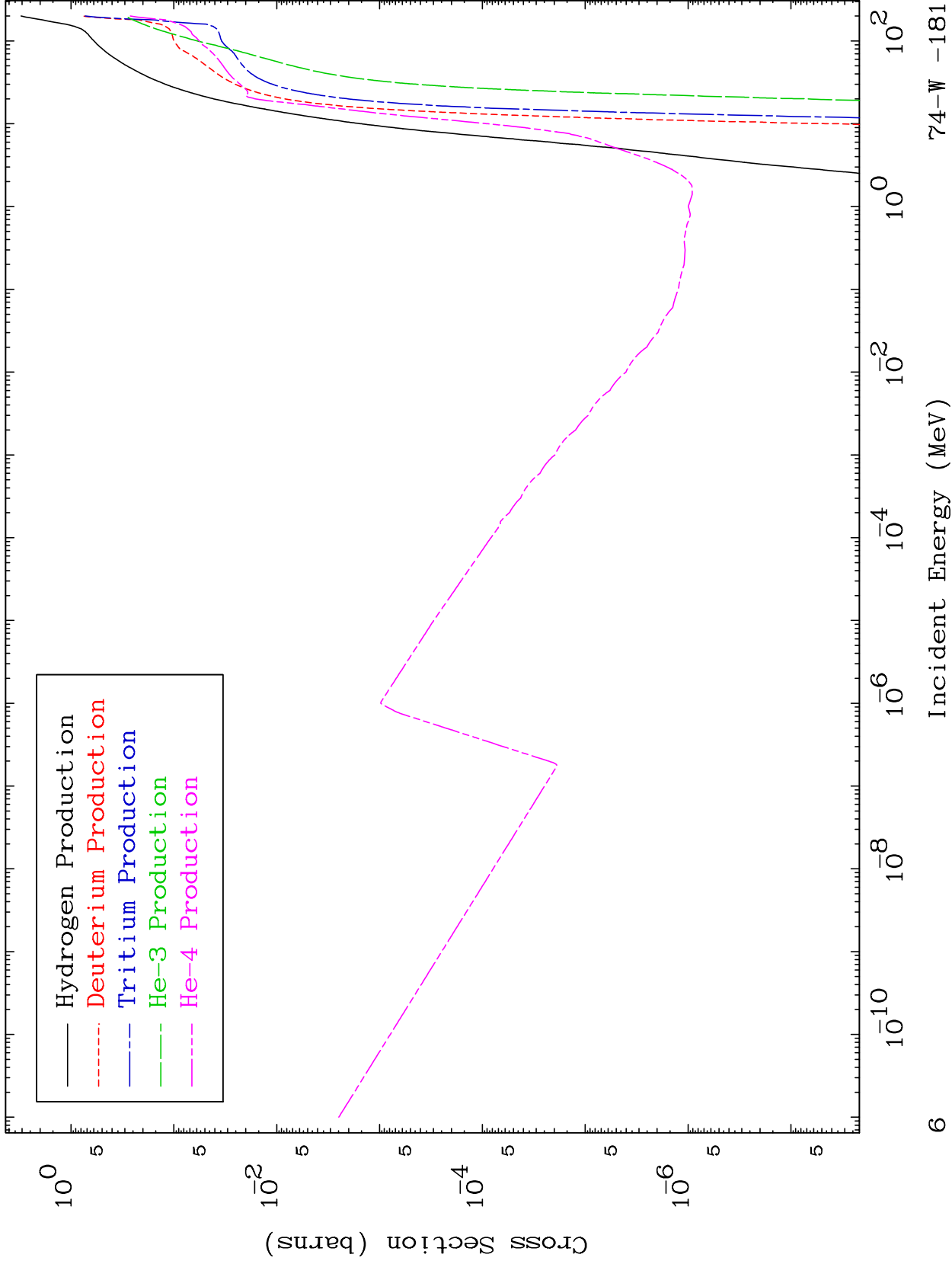
74-W -181

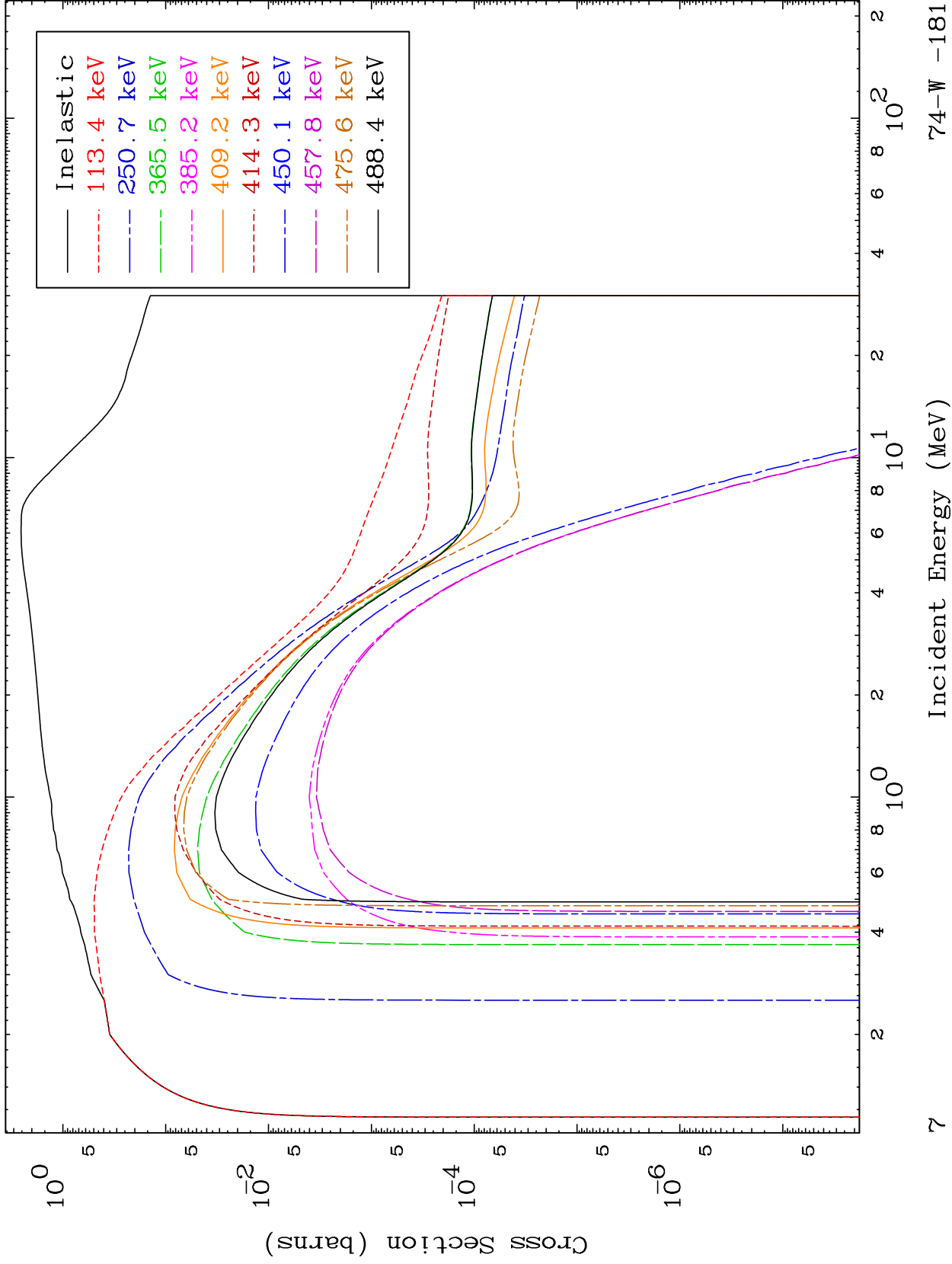










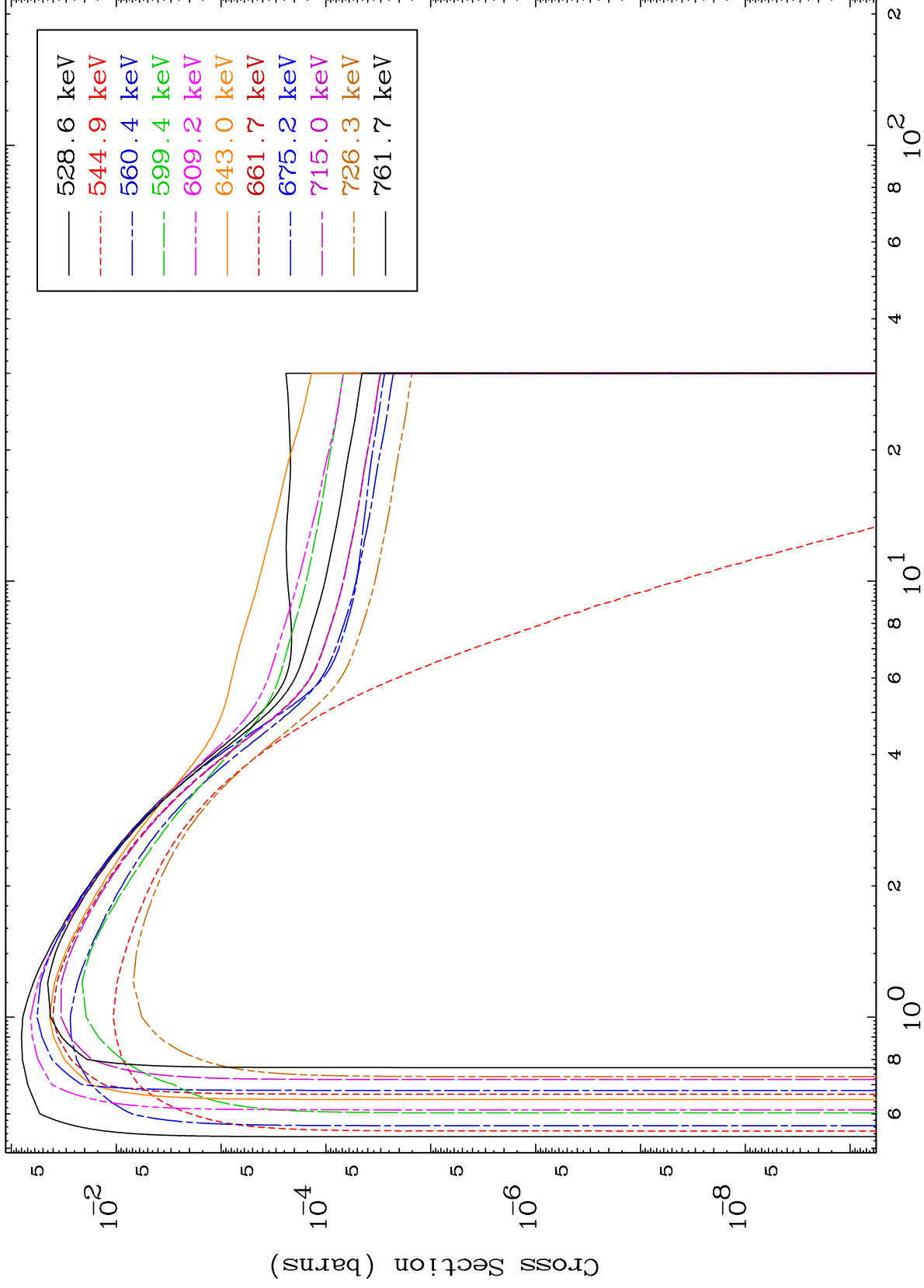




MAT 7428

(n,n') Level  
293 Kelvin Cross Sections

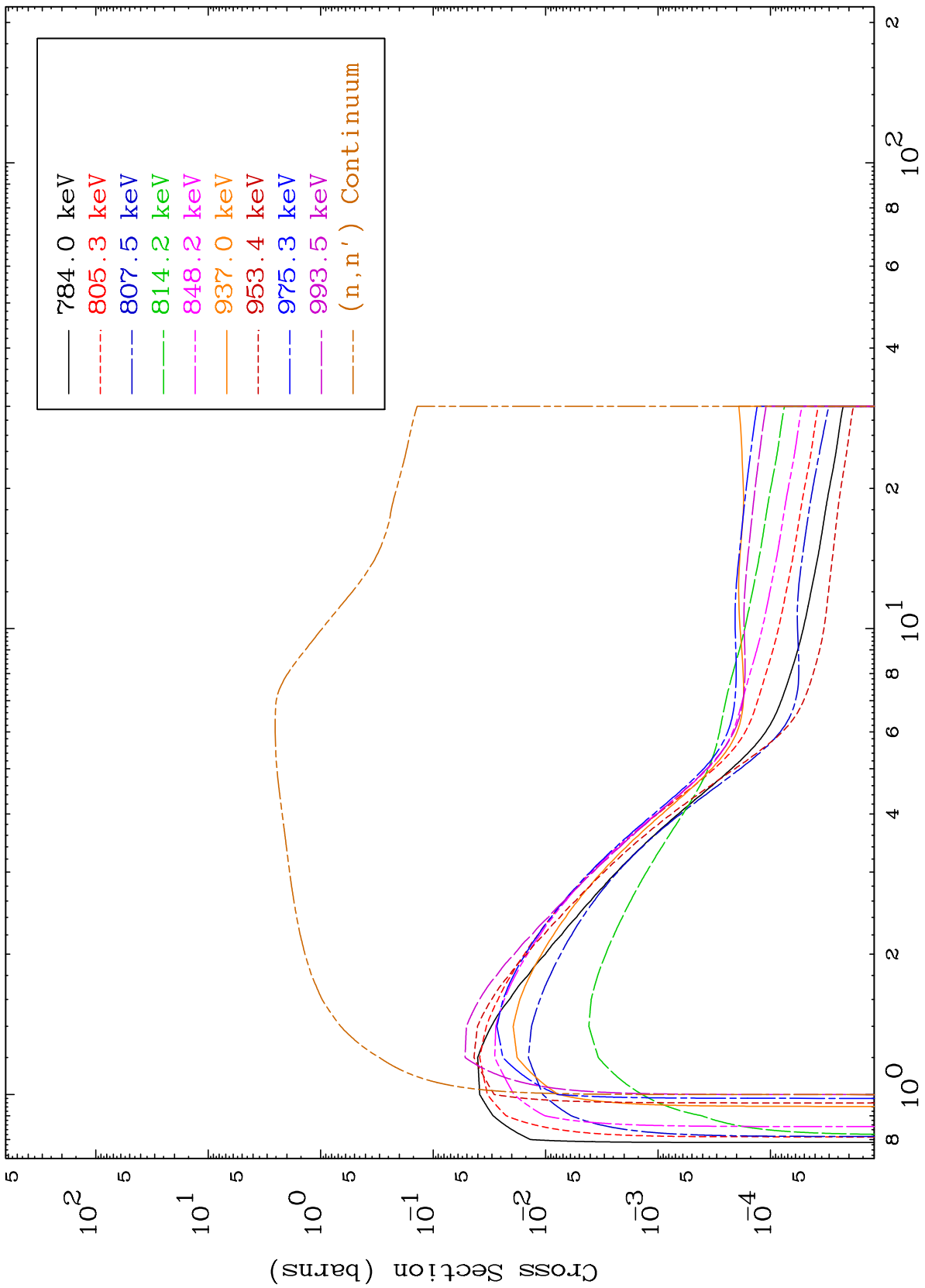
74-W -181



8

Incident Energy (MeV)

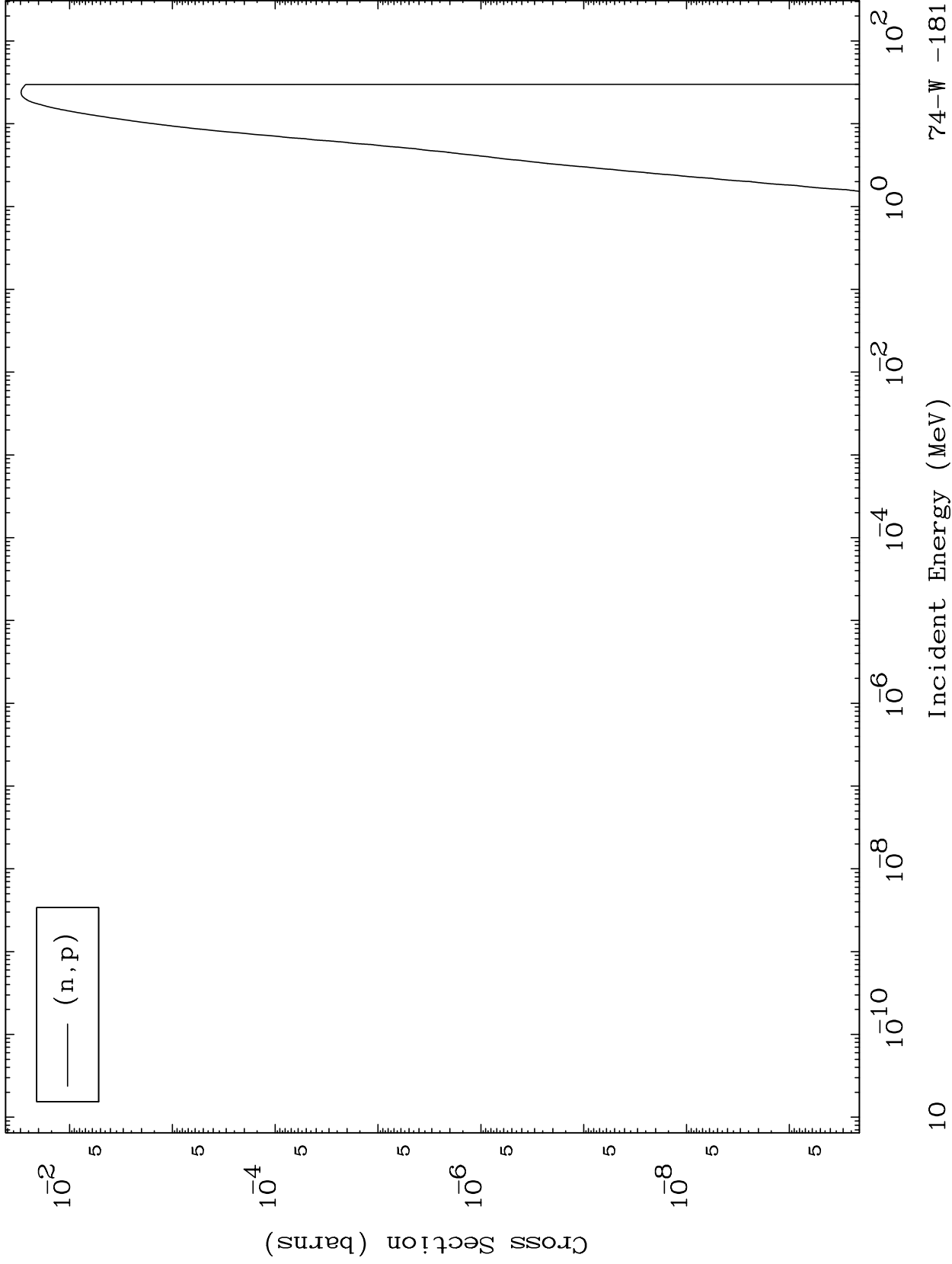
74-W -181



MAT 7428

(n,p) Levels  
293 Kelvin Cross Sections

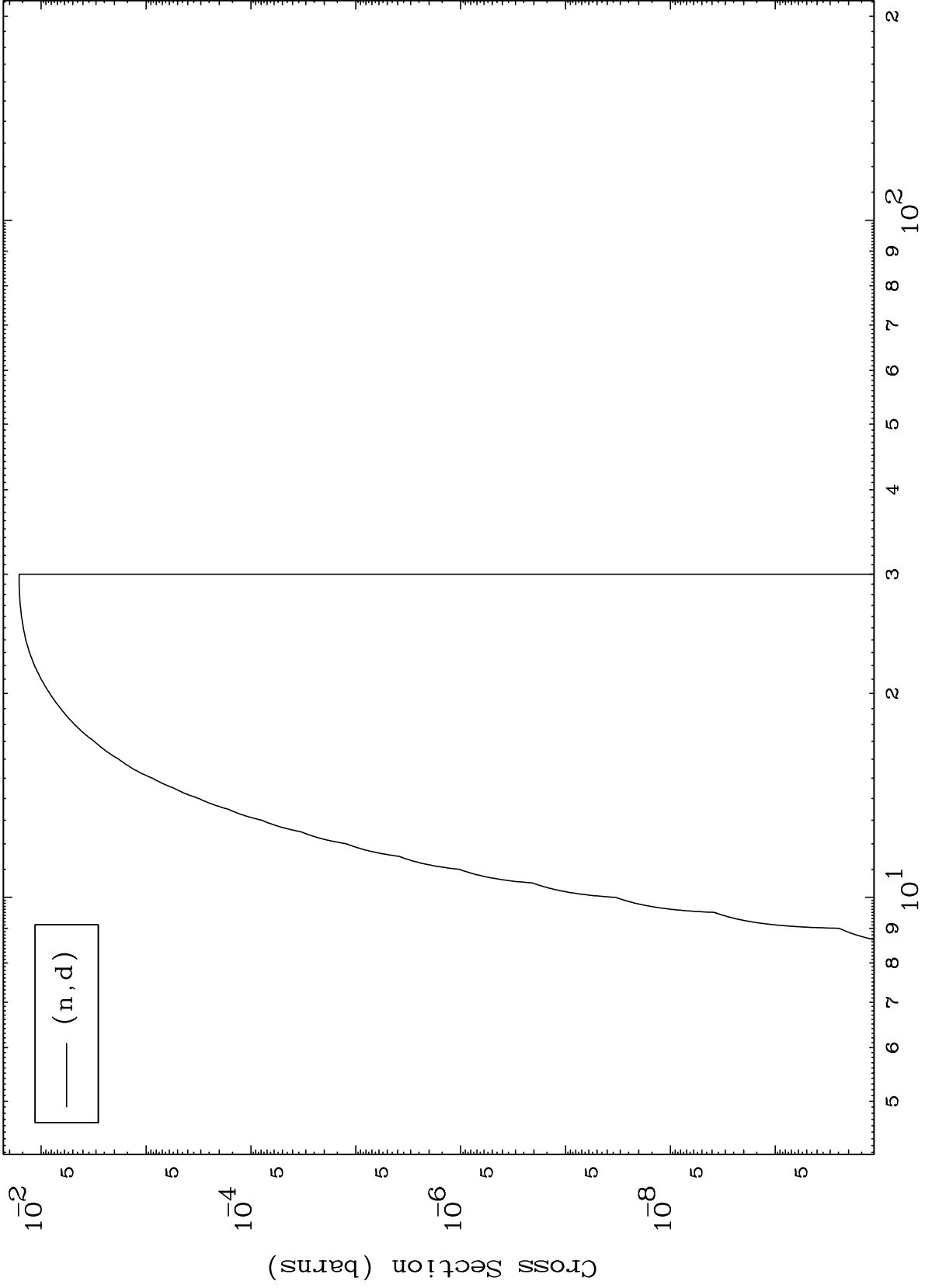
74-W -181

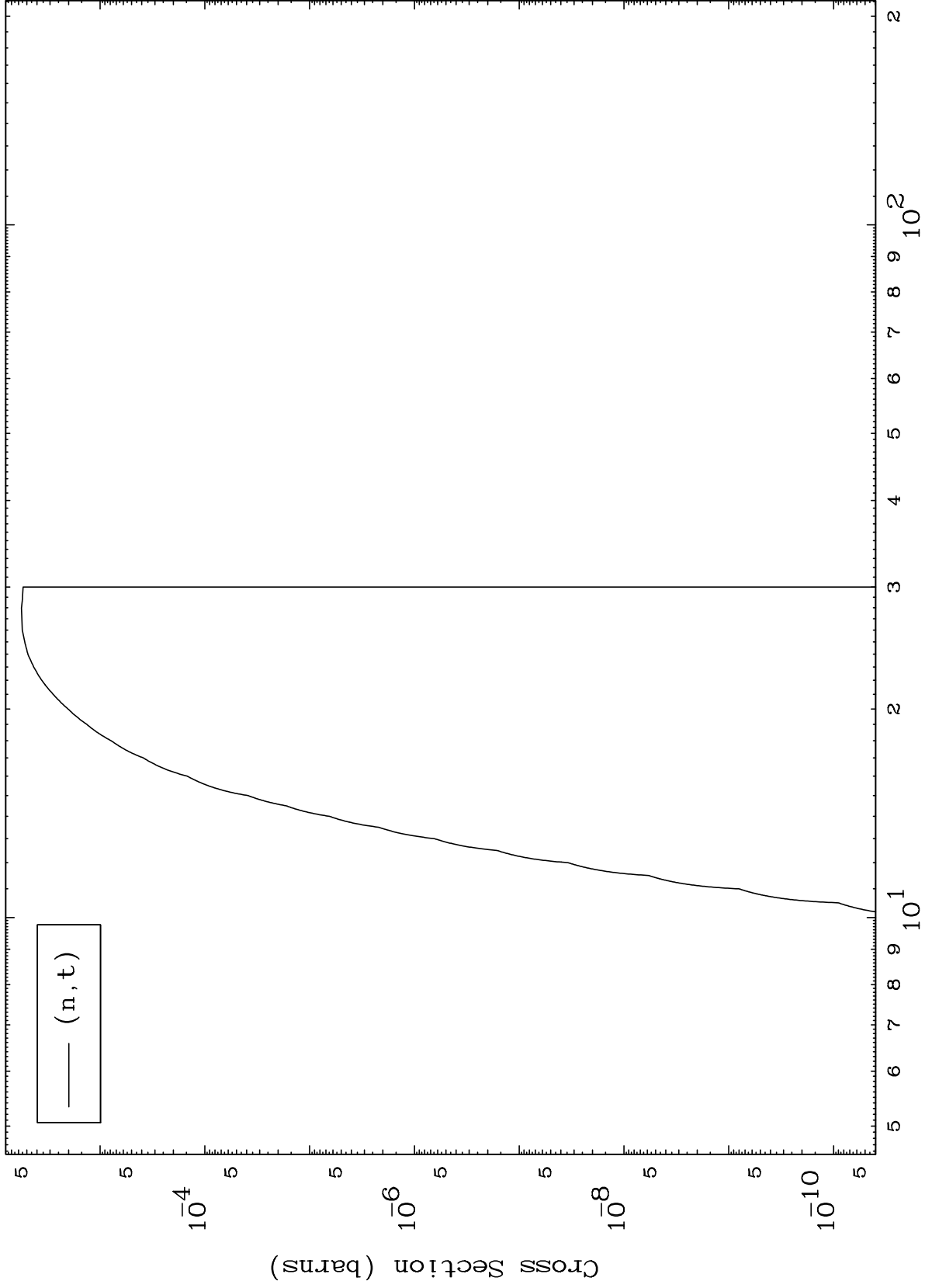


10

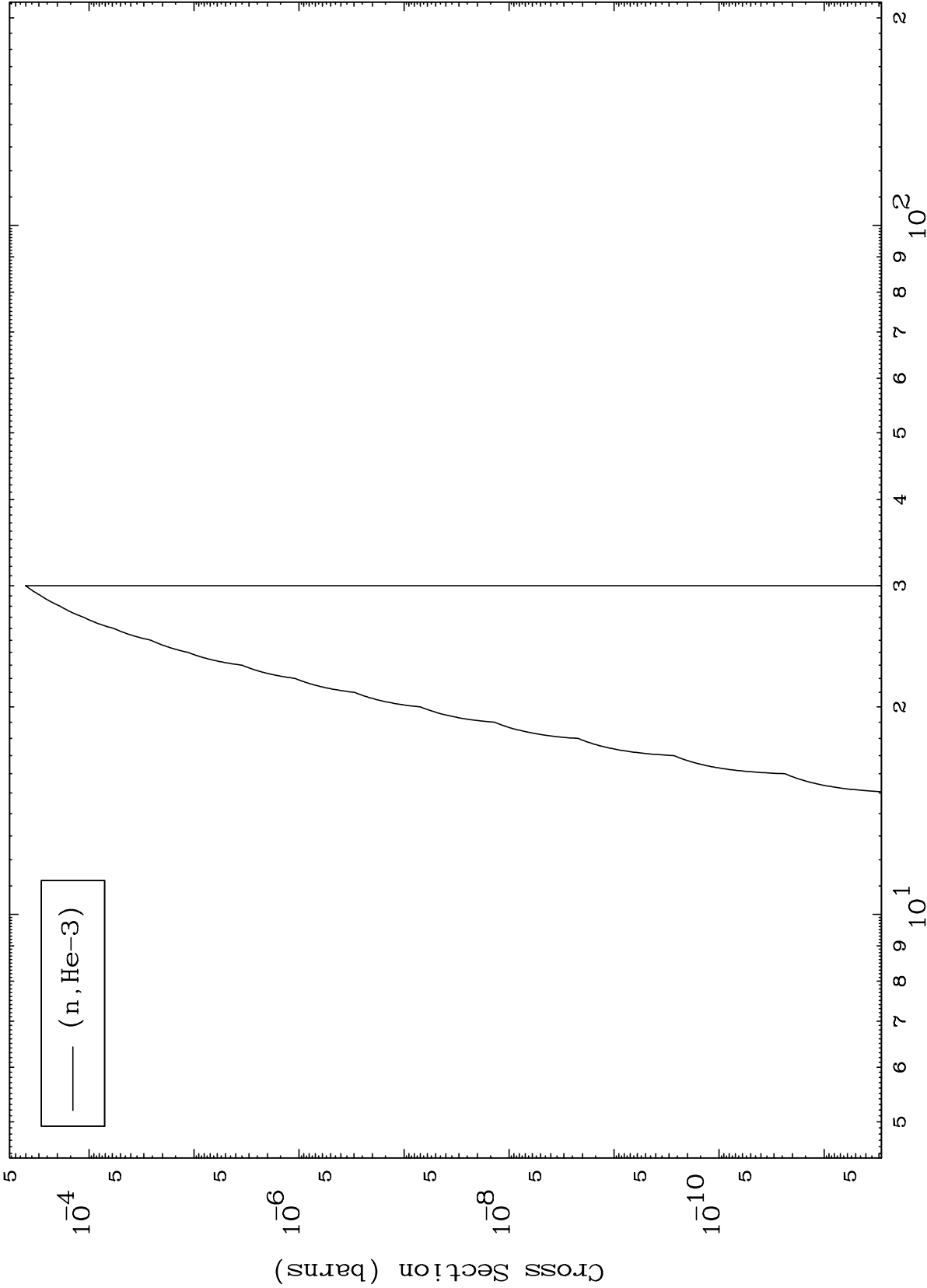
Incident Energy (MeV)

74-W -181





(n,He3) Levels  
293 Kelvin Cross Sections

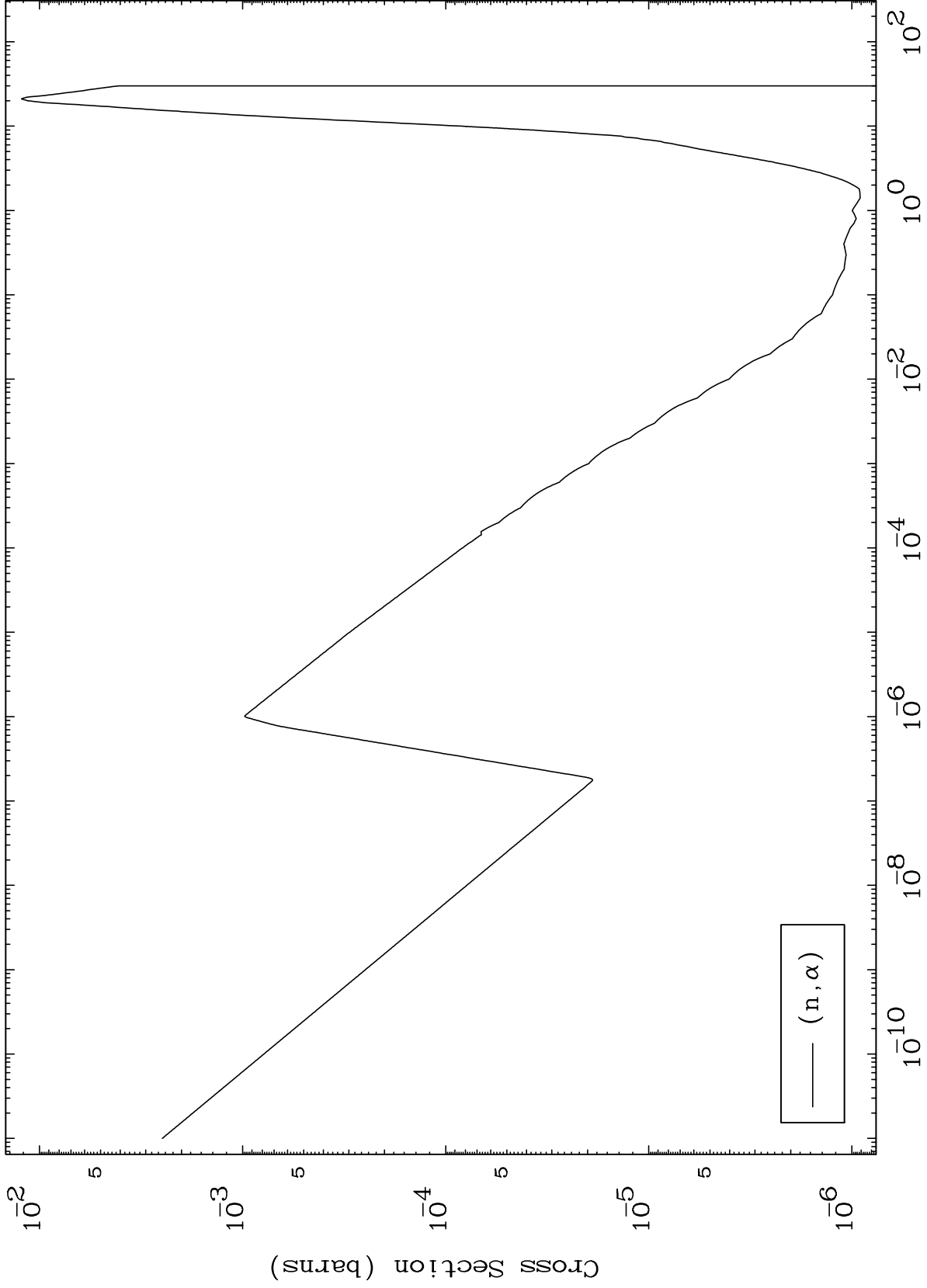


(n, He-3)

MAT 7428

(n,α) Levels  
293 Kelvin Cross Sections

74-W -181

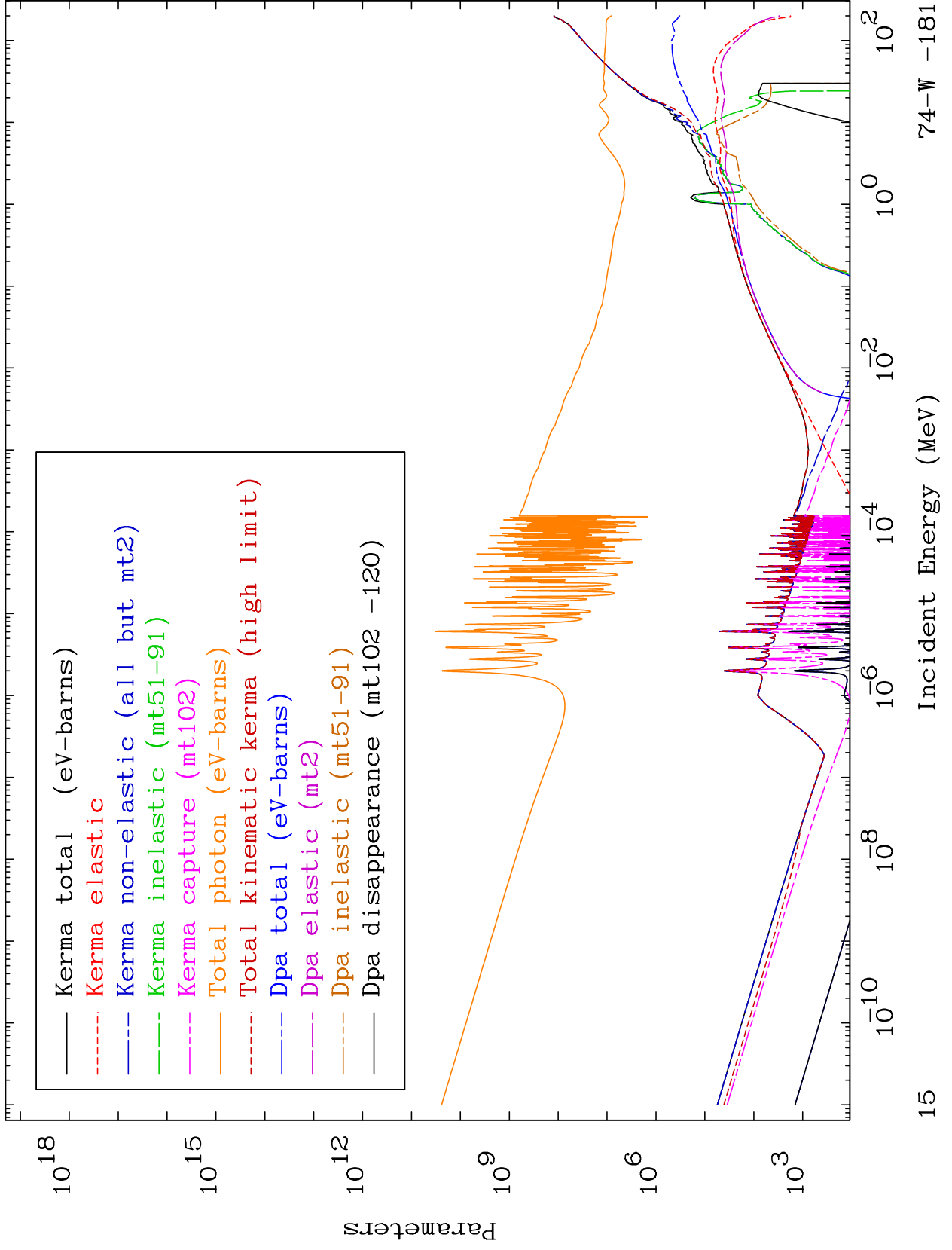


(n,α)

74-W -181

Incident Energy (MeV)

14

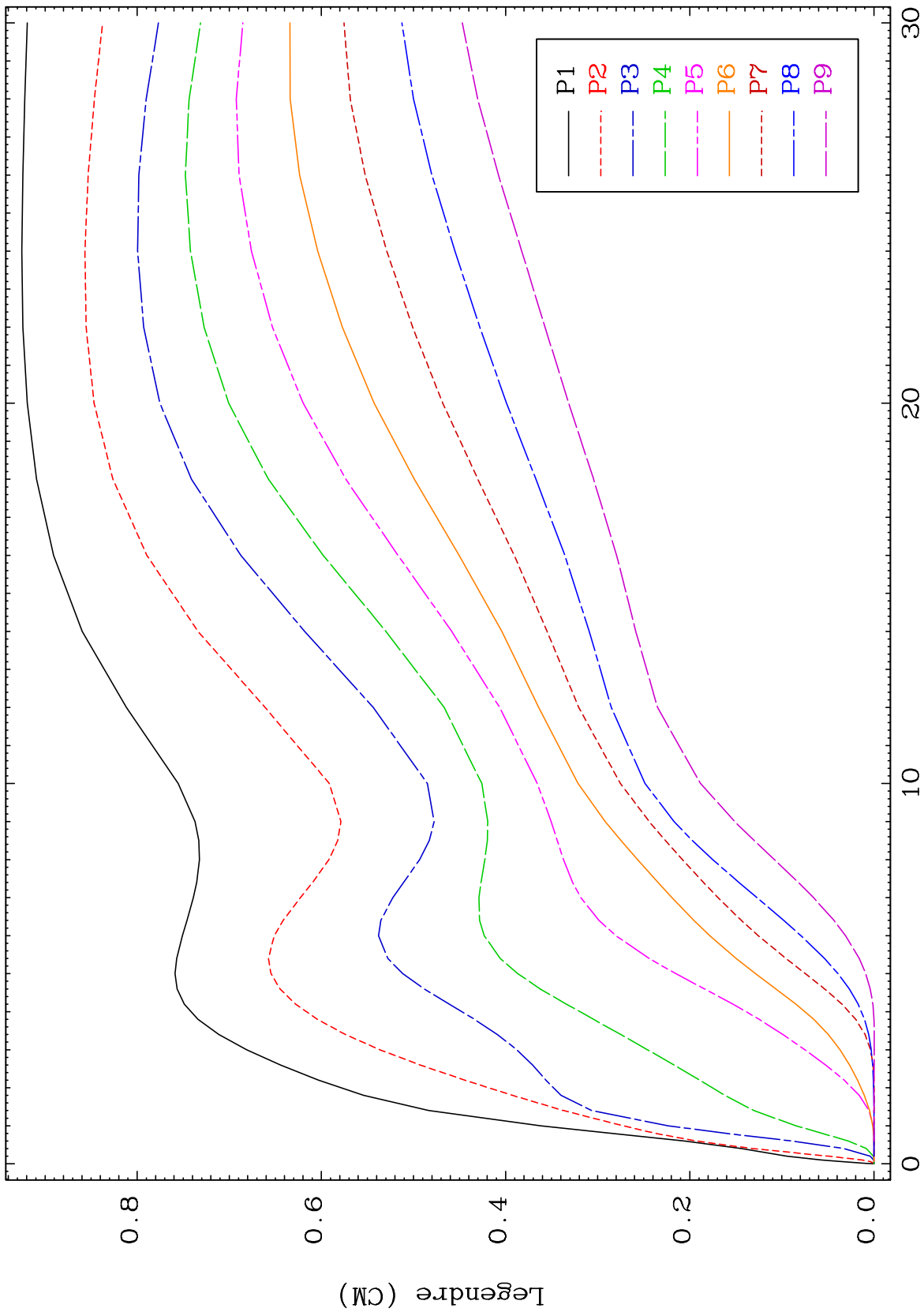




MAT 7428

74-W -181

Elastic Legendre Coefficients

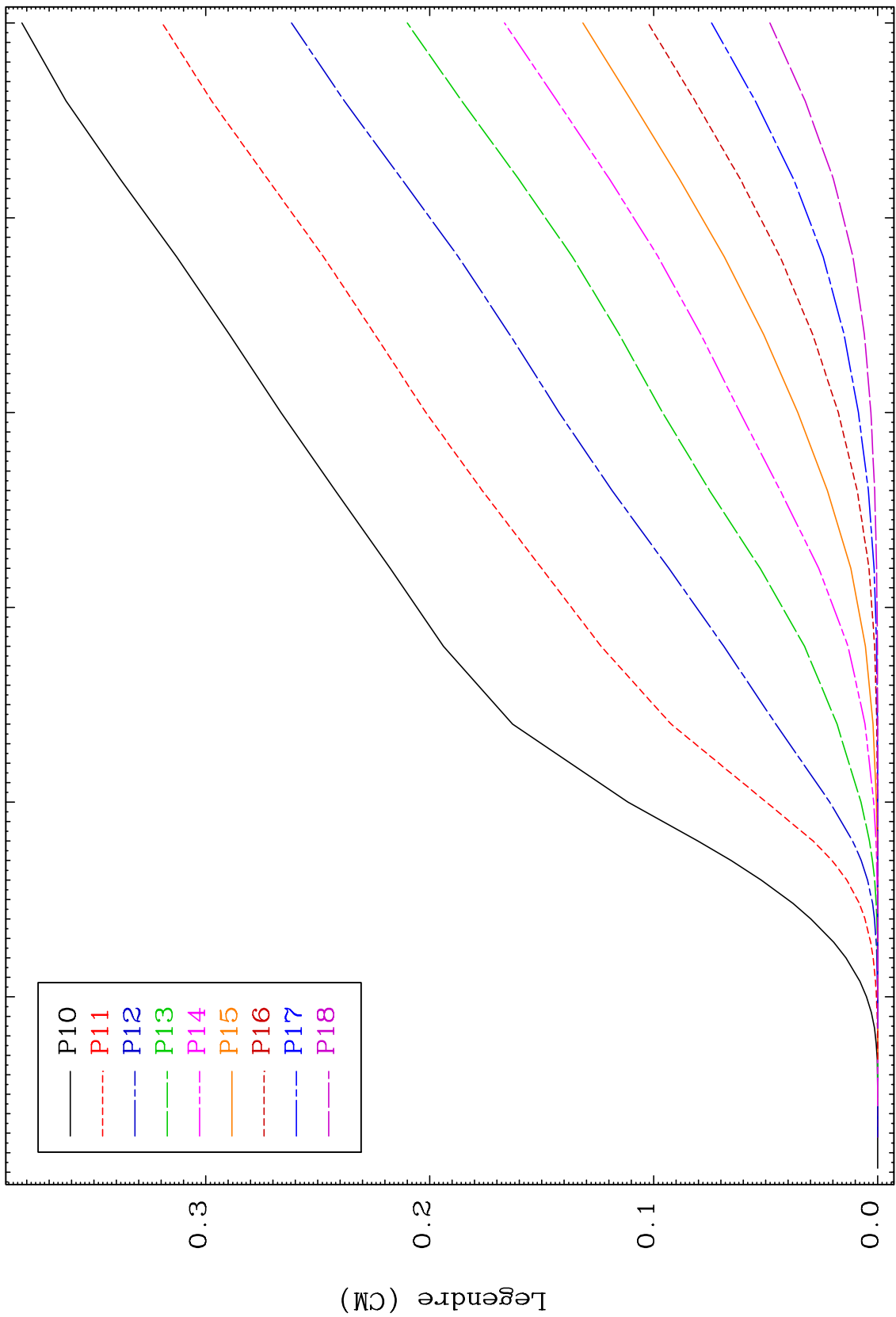


74-W -181

Incident Energy (MeV)

16

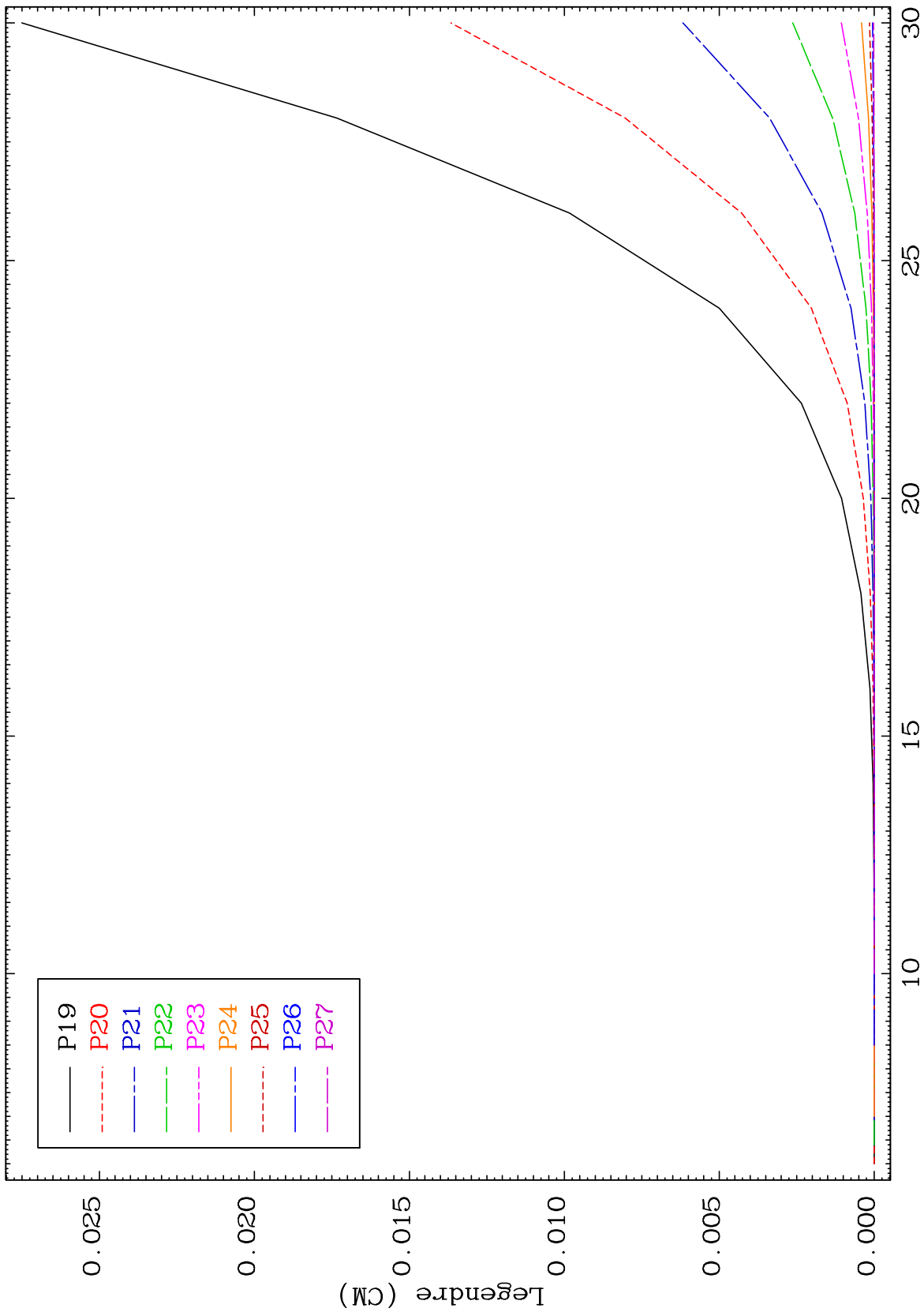
Elastic Legendre Coefficients



MAT 7428

Elastic Legendre Coefficients

74-W -181



18

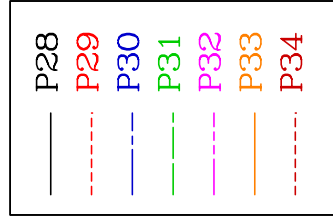
Incident Energy (MeV)

74-W -181

MAT 7428

Elastic  
Legendre Coefficients

74-W -181



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

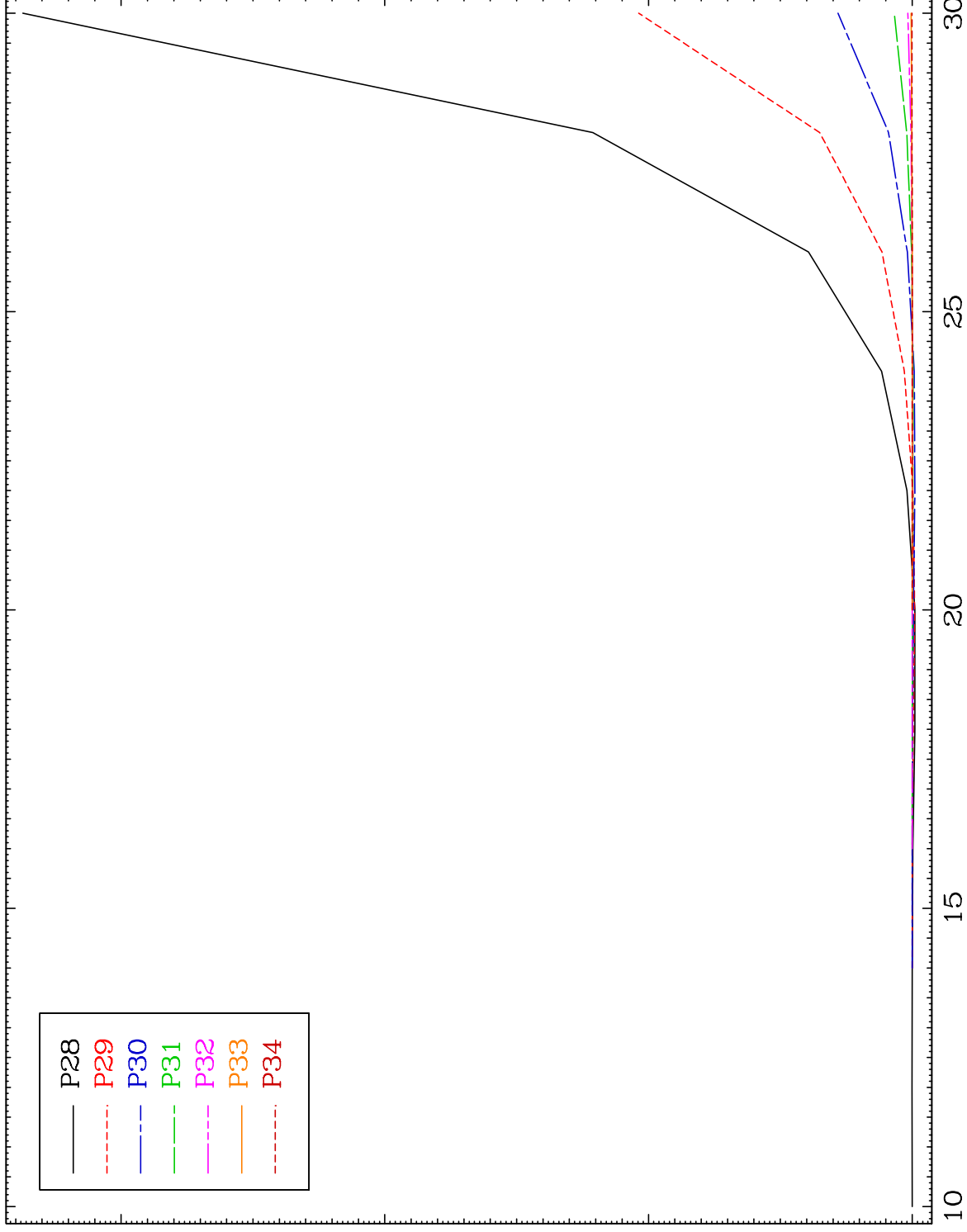
25

30

19

Incident Energy (MeV)

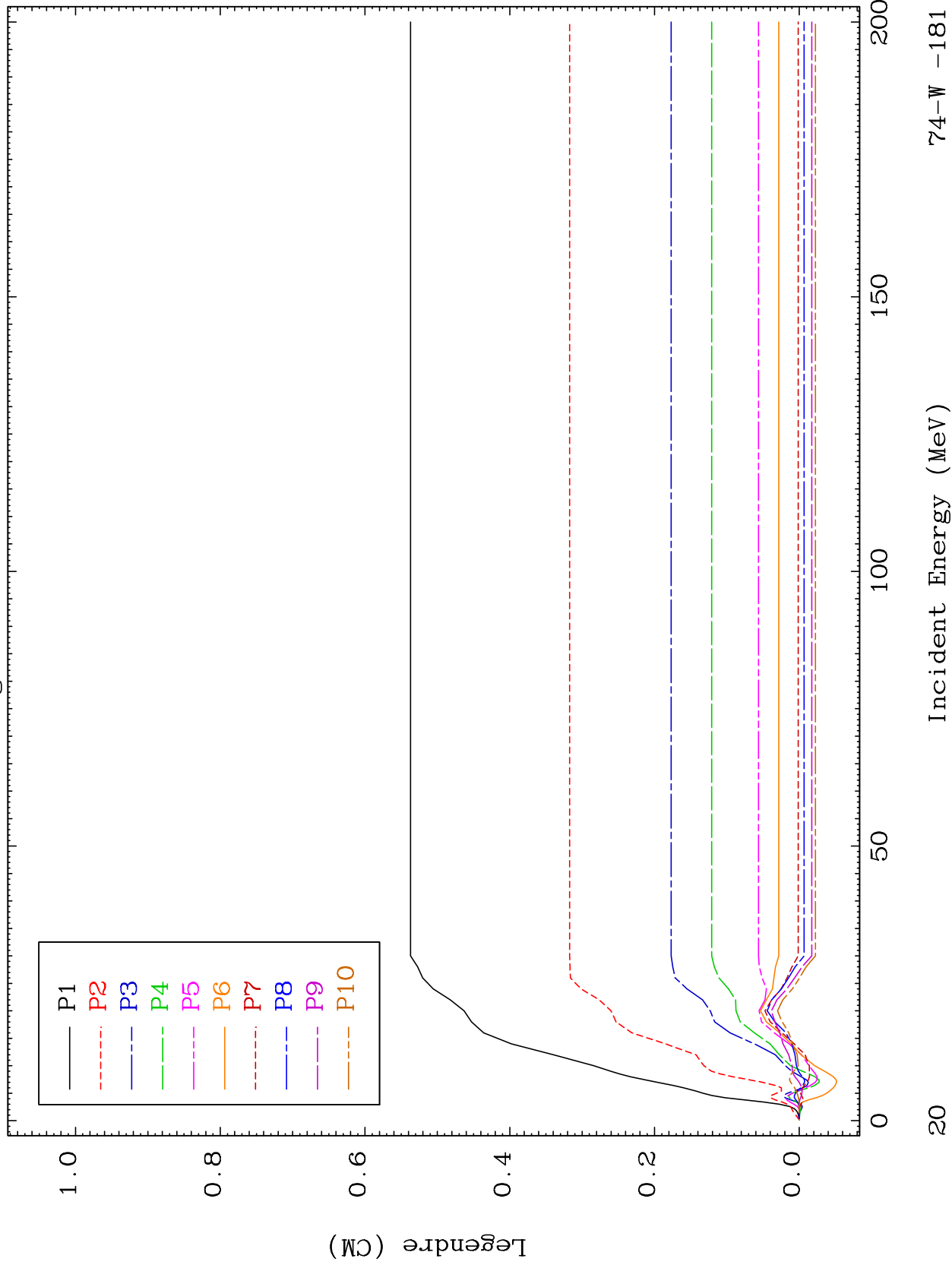
74-W -181

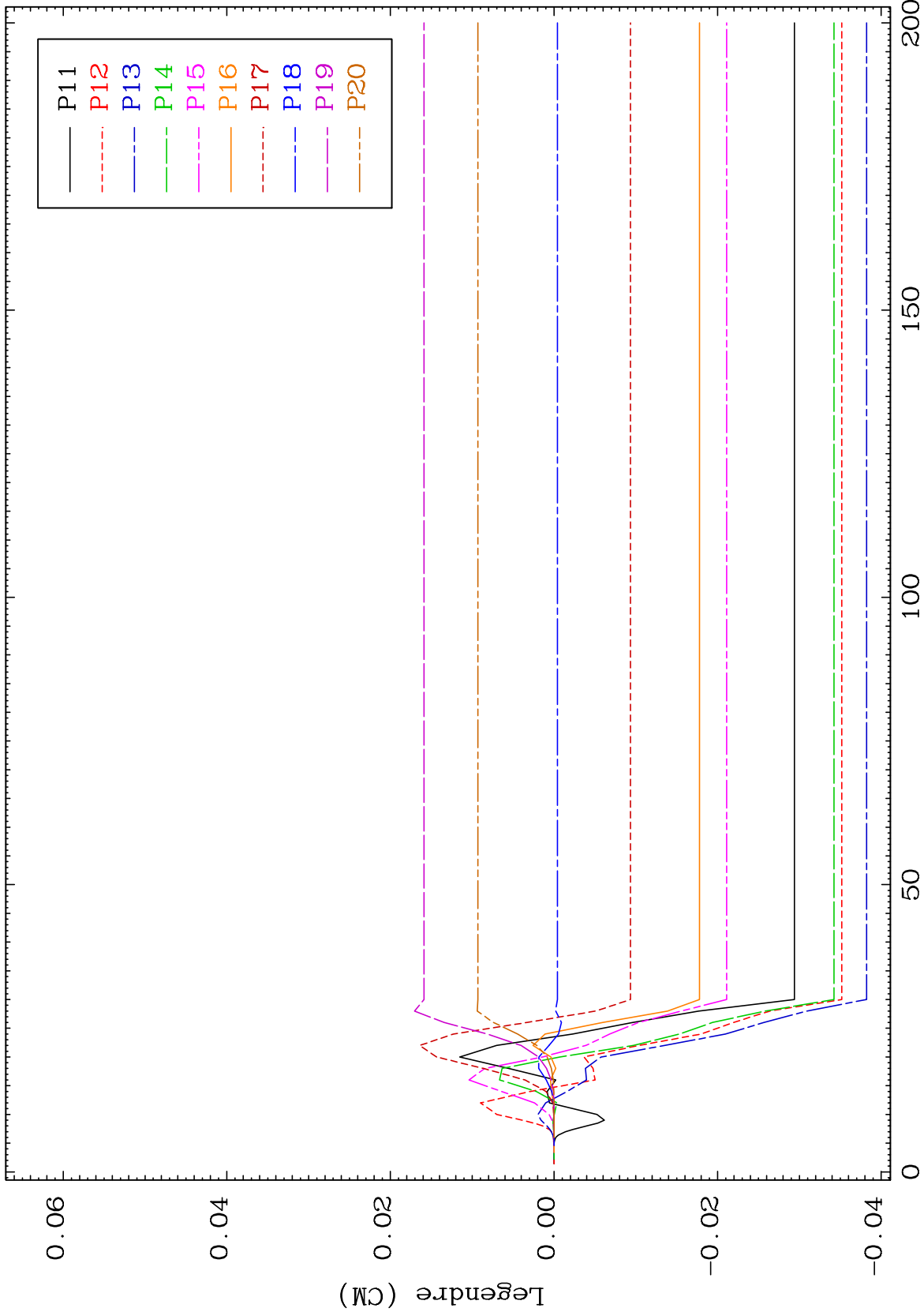


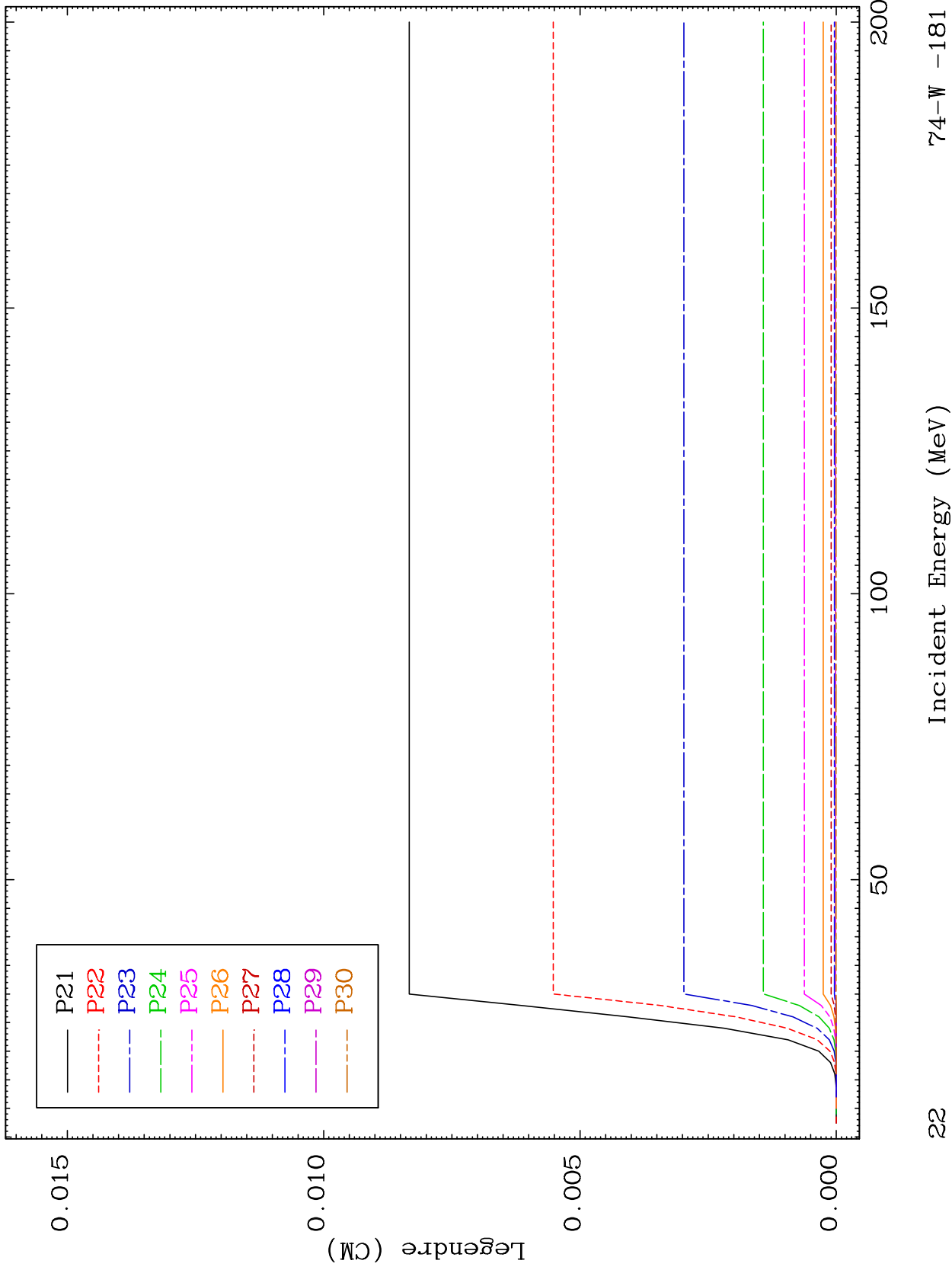
MAT 7428

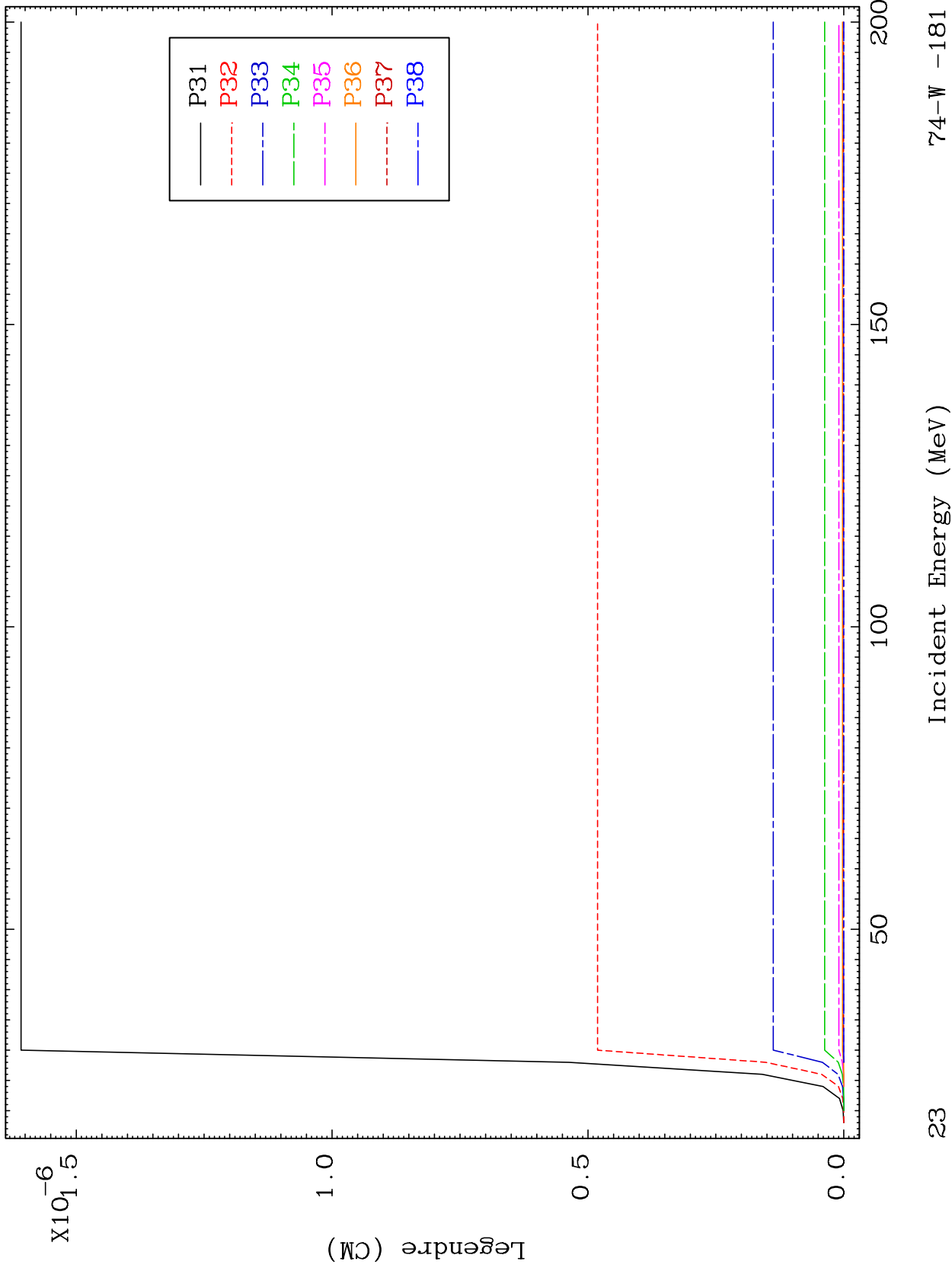
113.4 keV (n,n') Level  
Legendre Coefficients

74-W -181







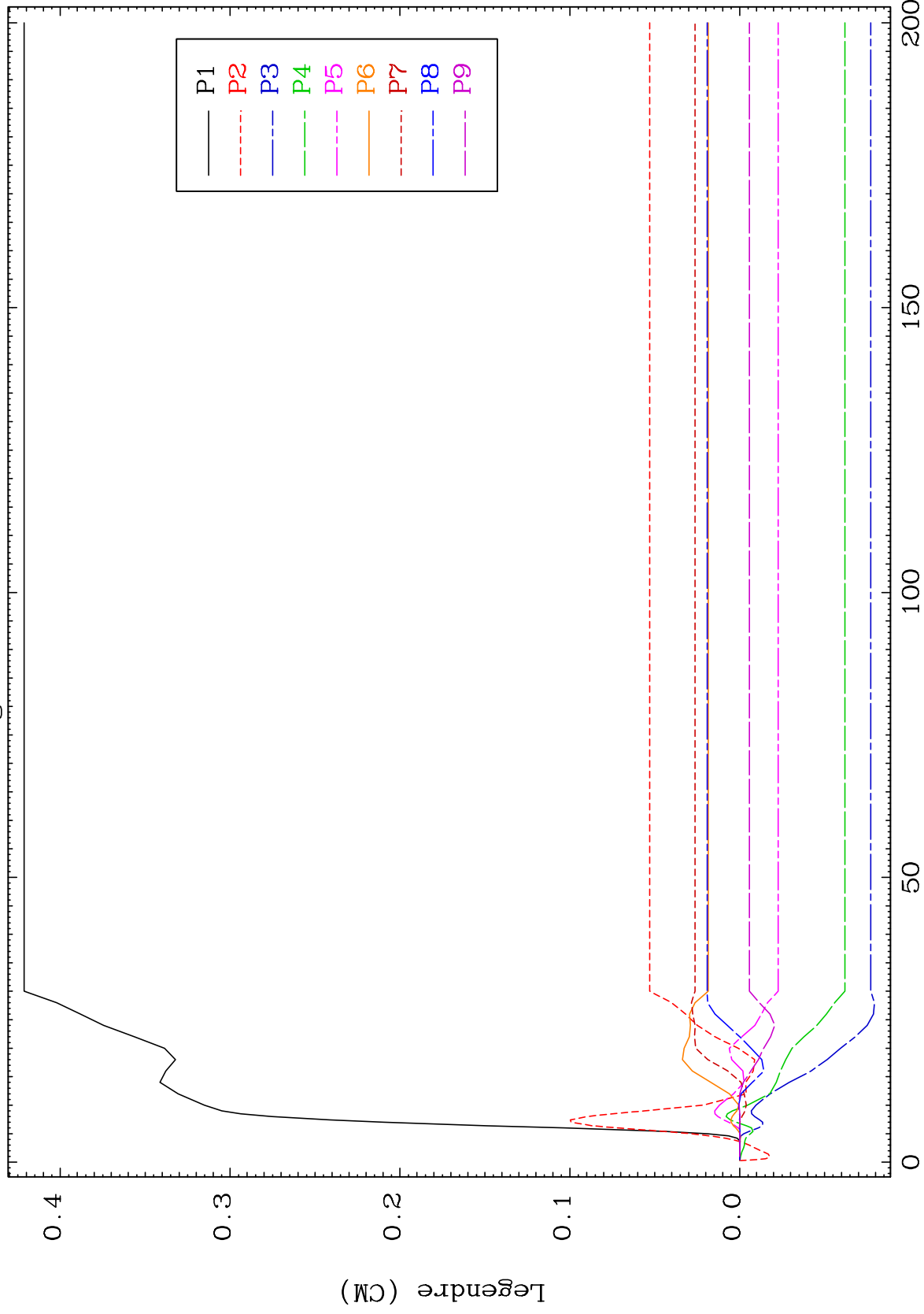




MAT 7428

250.7 keV (n,n') Level  
Legendre Coefficients

74-W -181



24

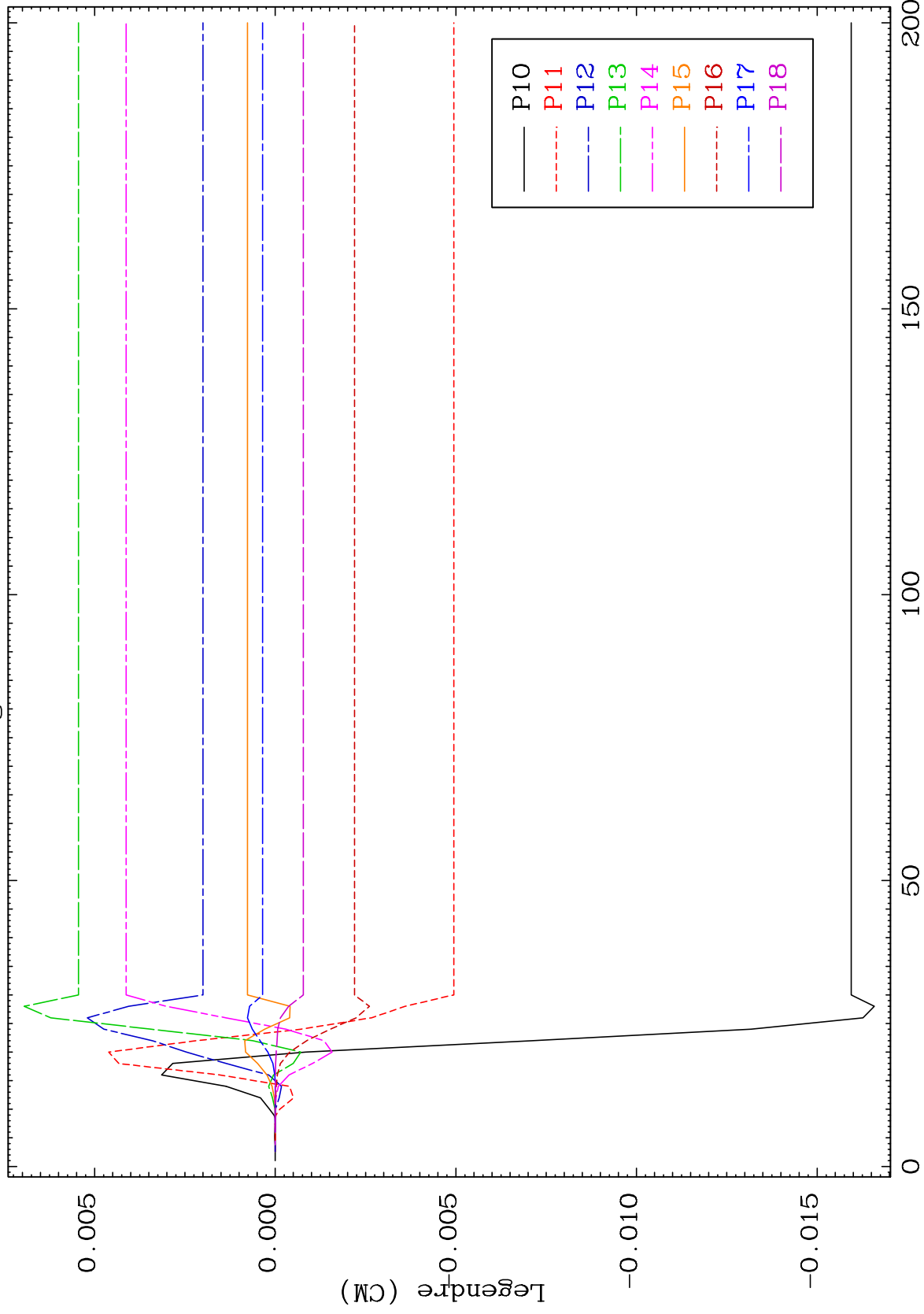
Incident Energy (MeV)

74-W -181

MAT 7428

250.7 keV (n,n') Level  
Legendre Coefficients

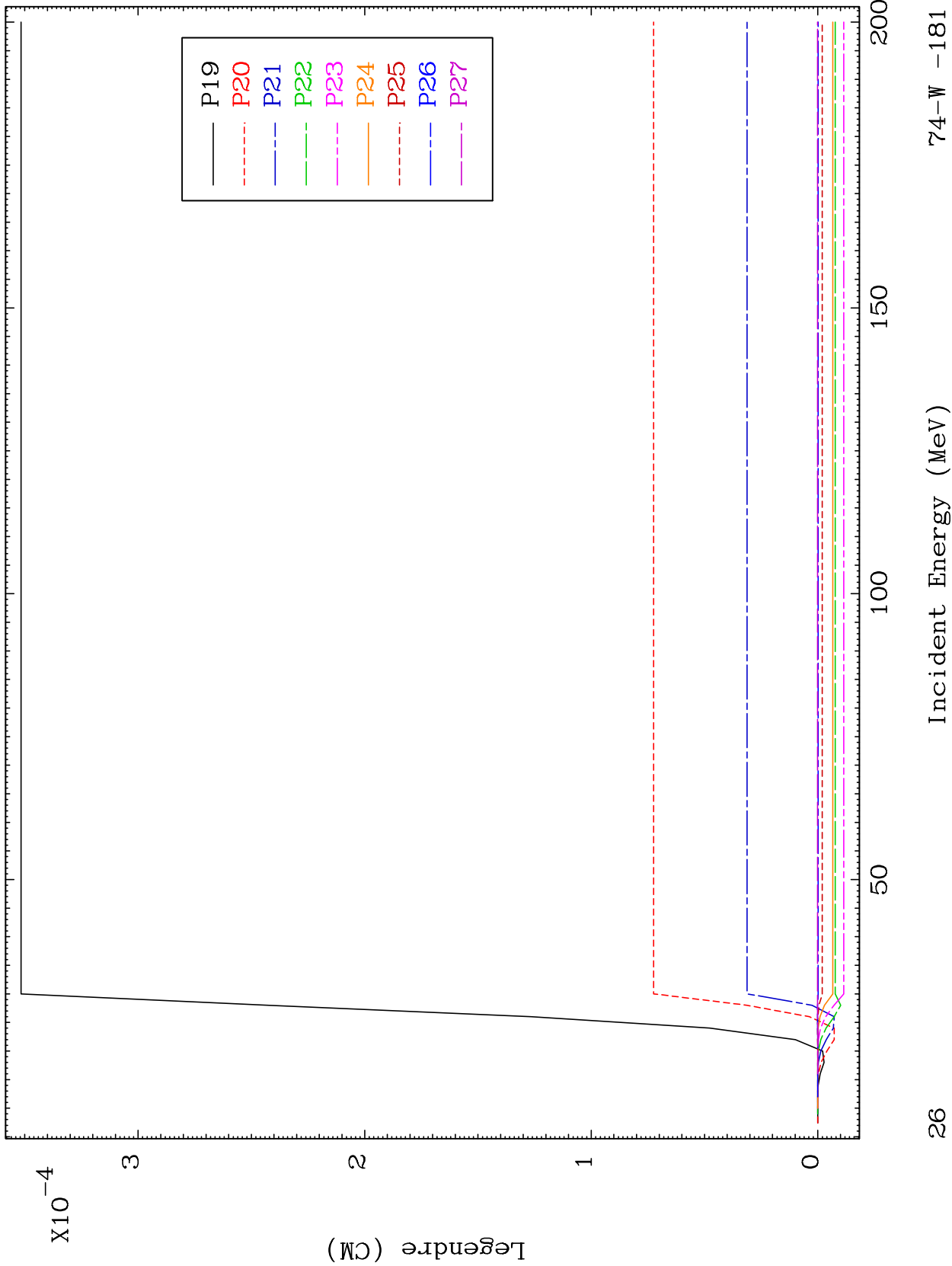
74-W -181

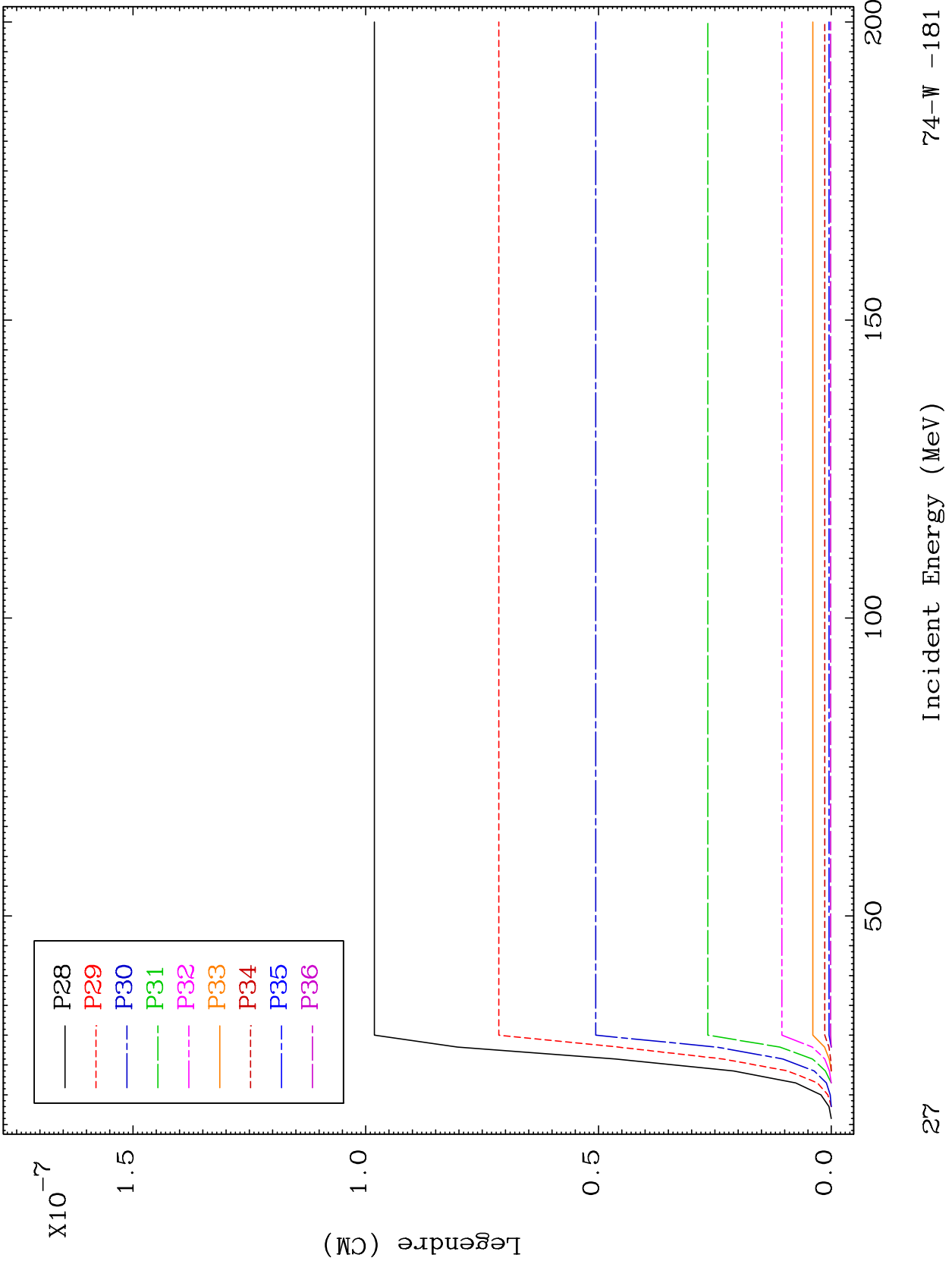


25

Incident Energy (MeV)

74-W -181

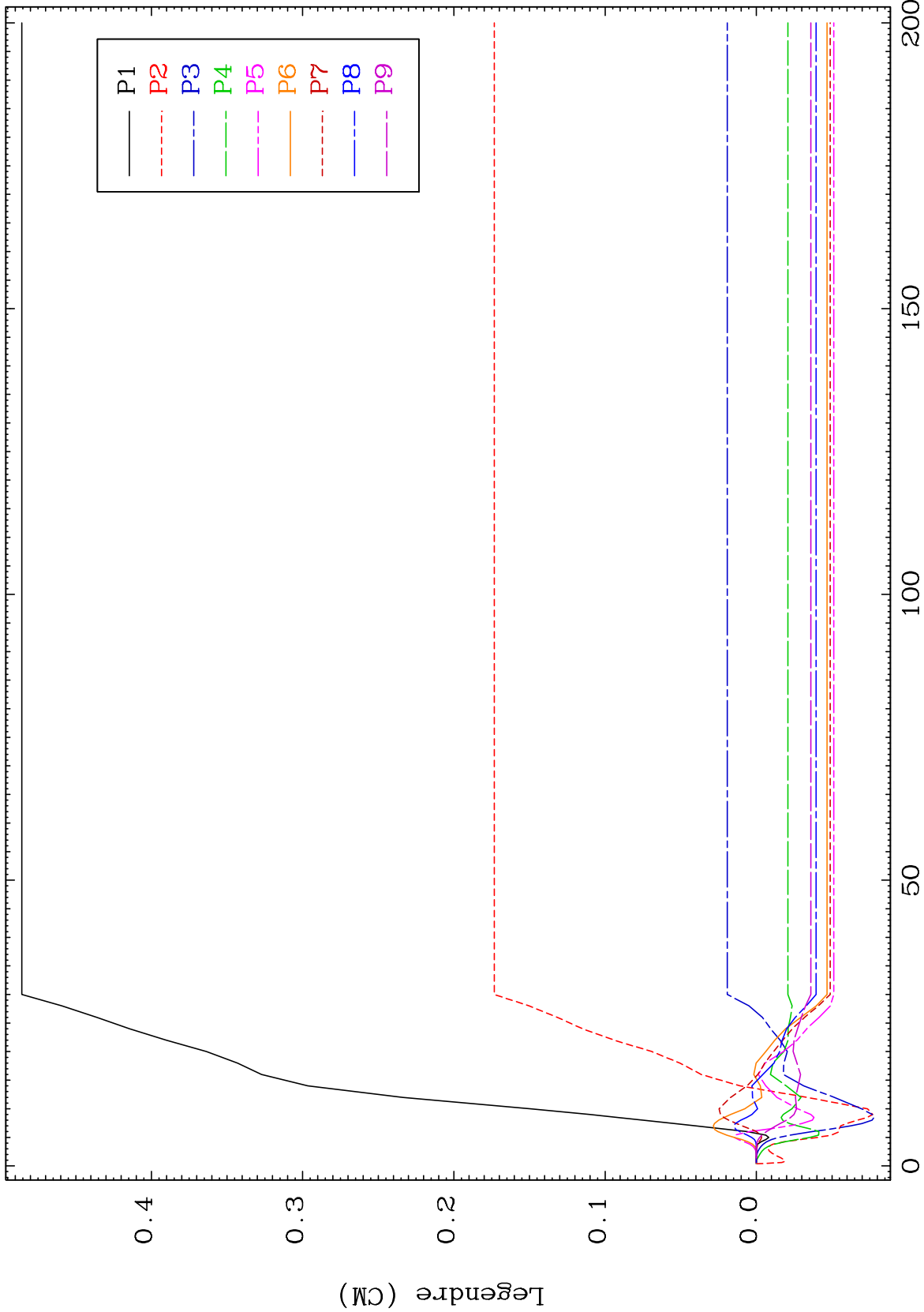




MAT 7428

365.5 keV (n,n') Level  
Legendre Coefficients

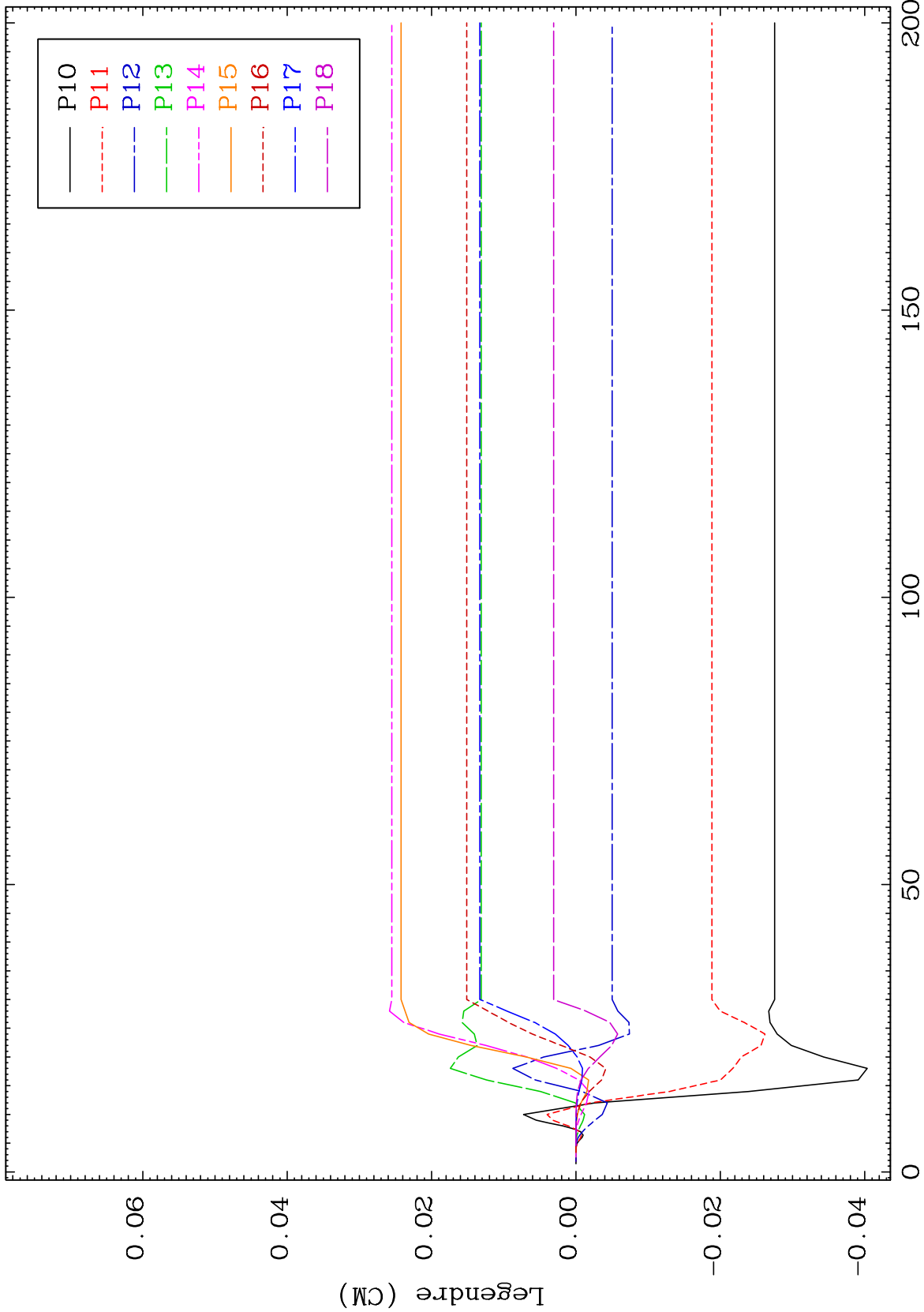
74-W -181



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Incident Energy (MeV)

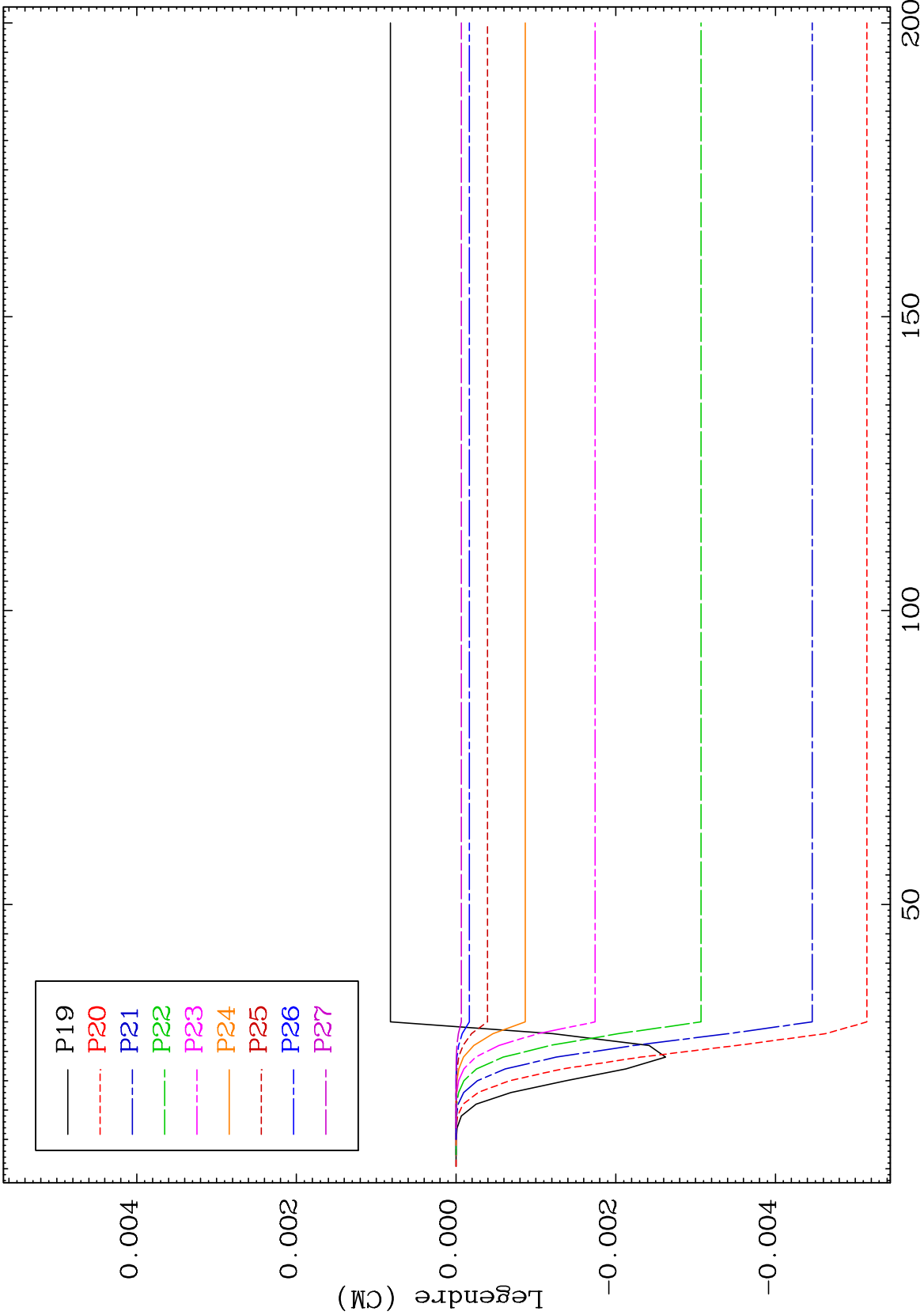
74-W -181



MAT 7428

365.5 keV (n,n') Level  
Legendre Coefficients

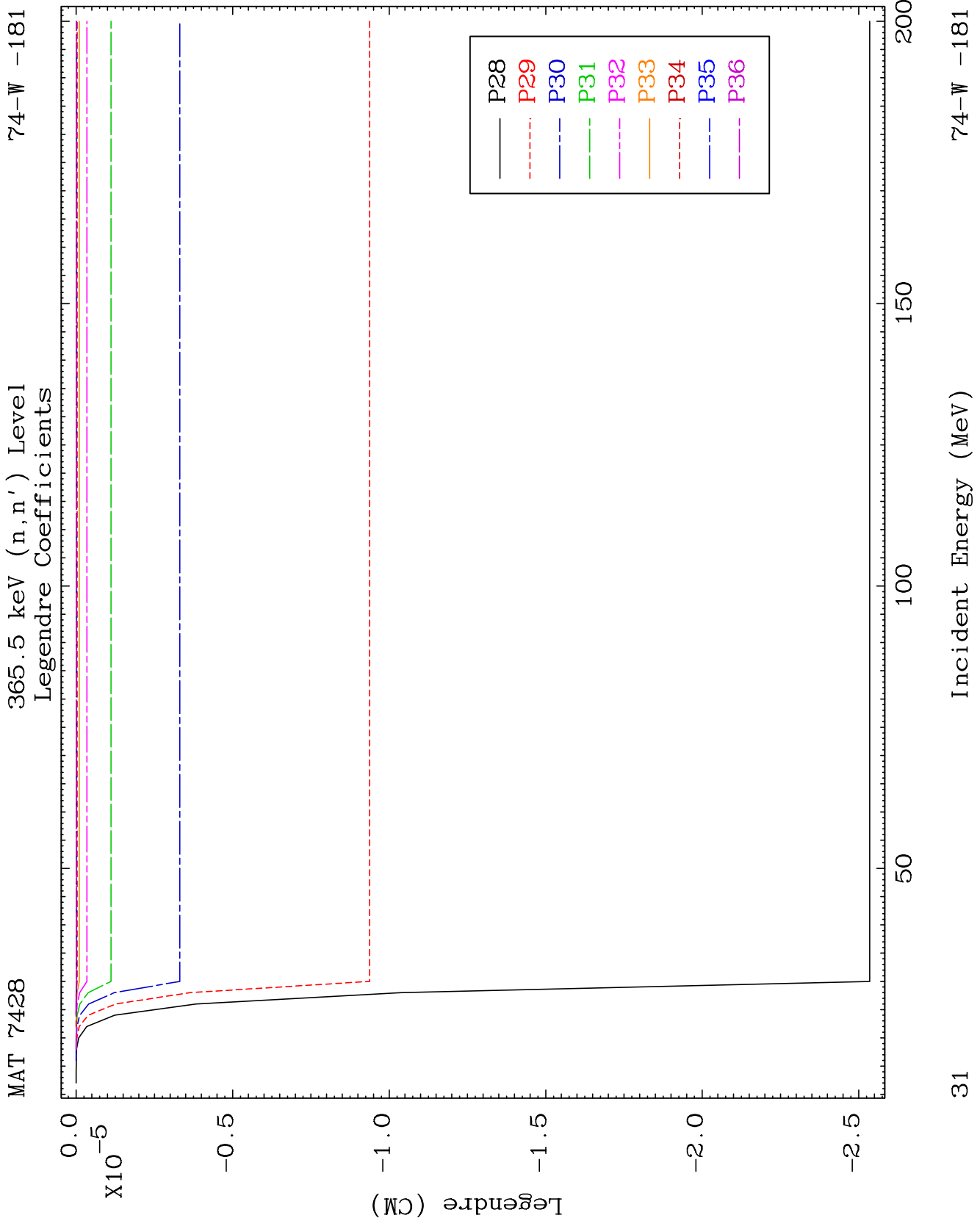
74-W -181



30

Incident Energy (MeV)

74-W -181

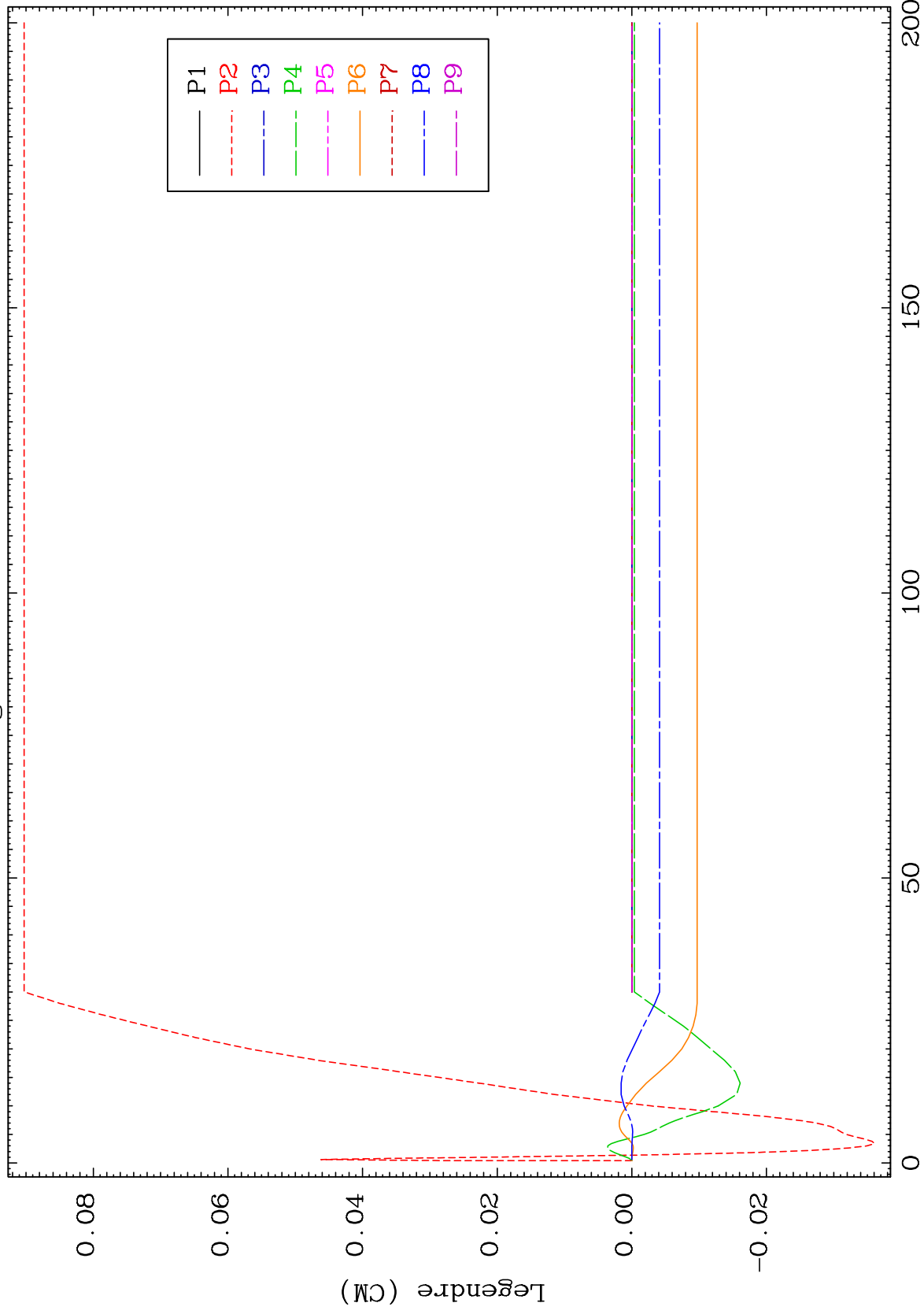




MAT 7428

385.2 keV (n,n') Level  
Legendre Coefficients

74-W -181



32

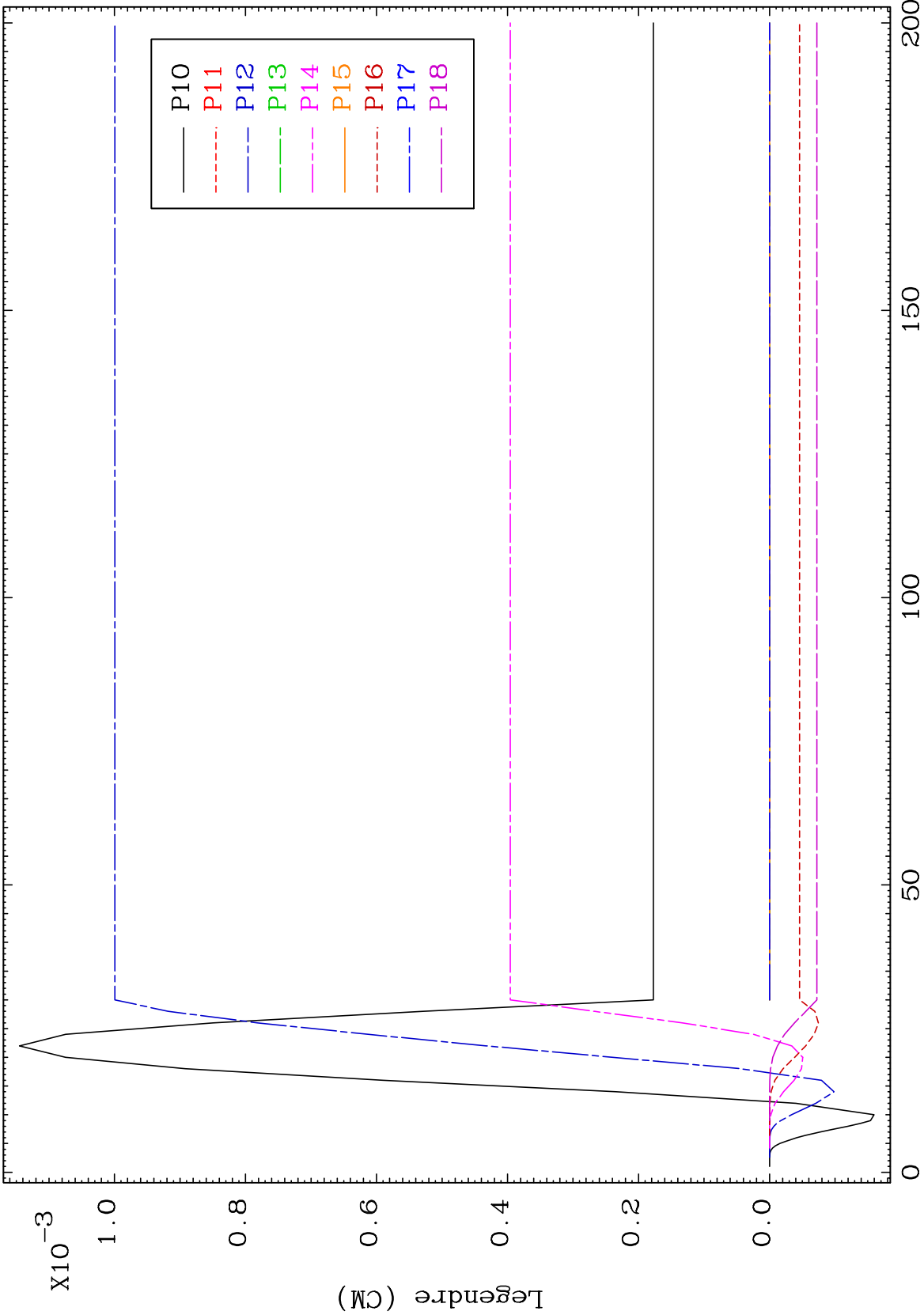
Incident Energy (MeV)

74-W -181

MAT 7428

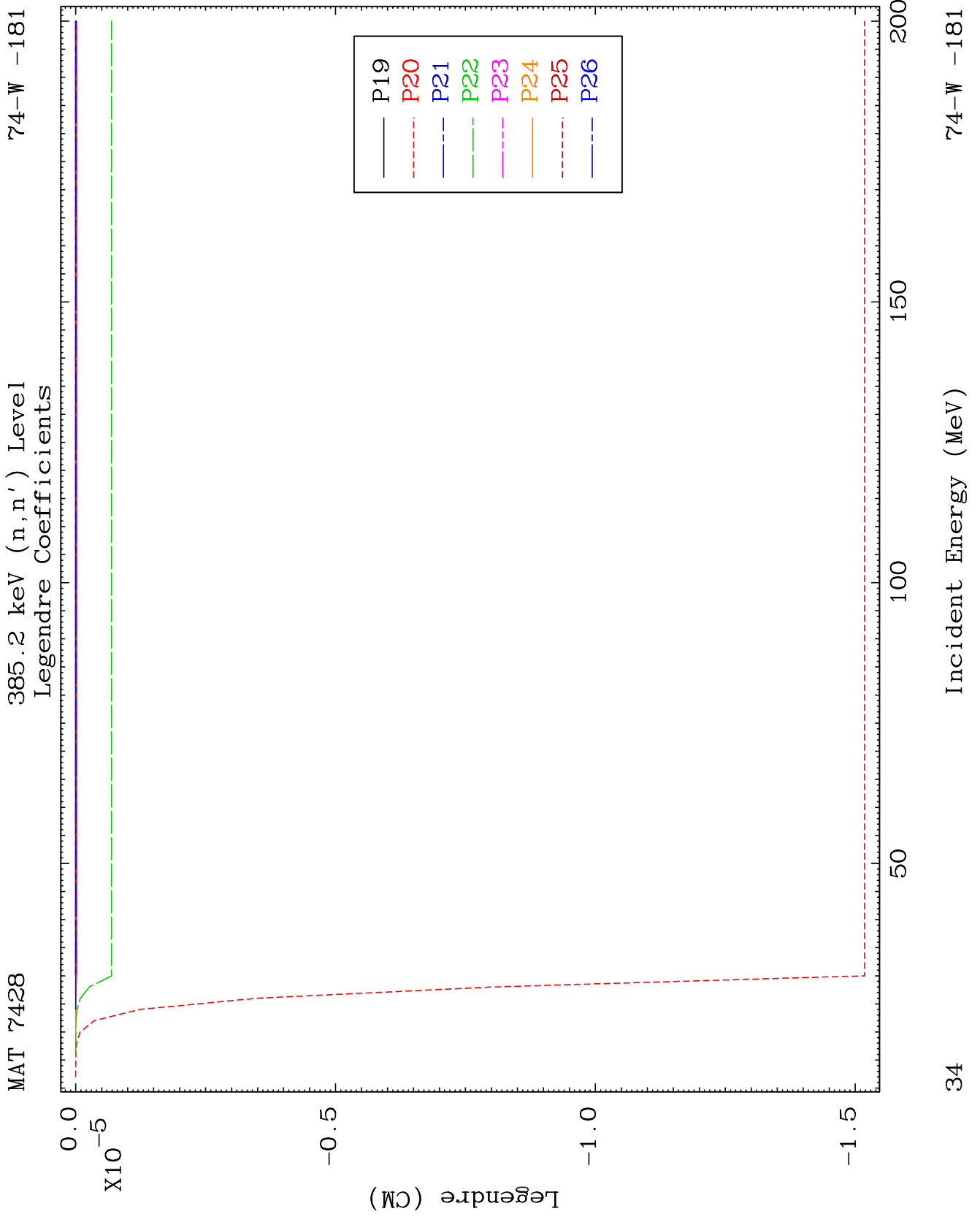
385.2 keV (n,n') Level  
Legendre Coefficients

74-W -181



33

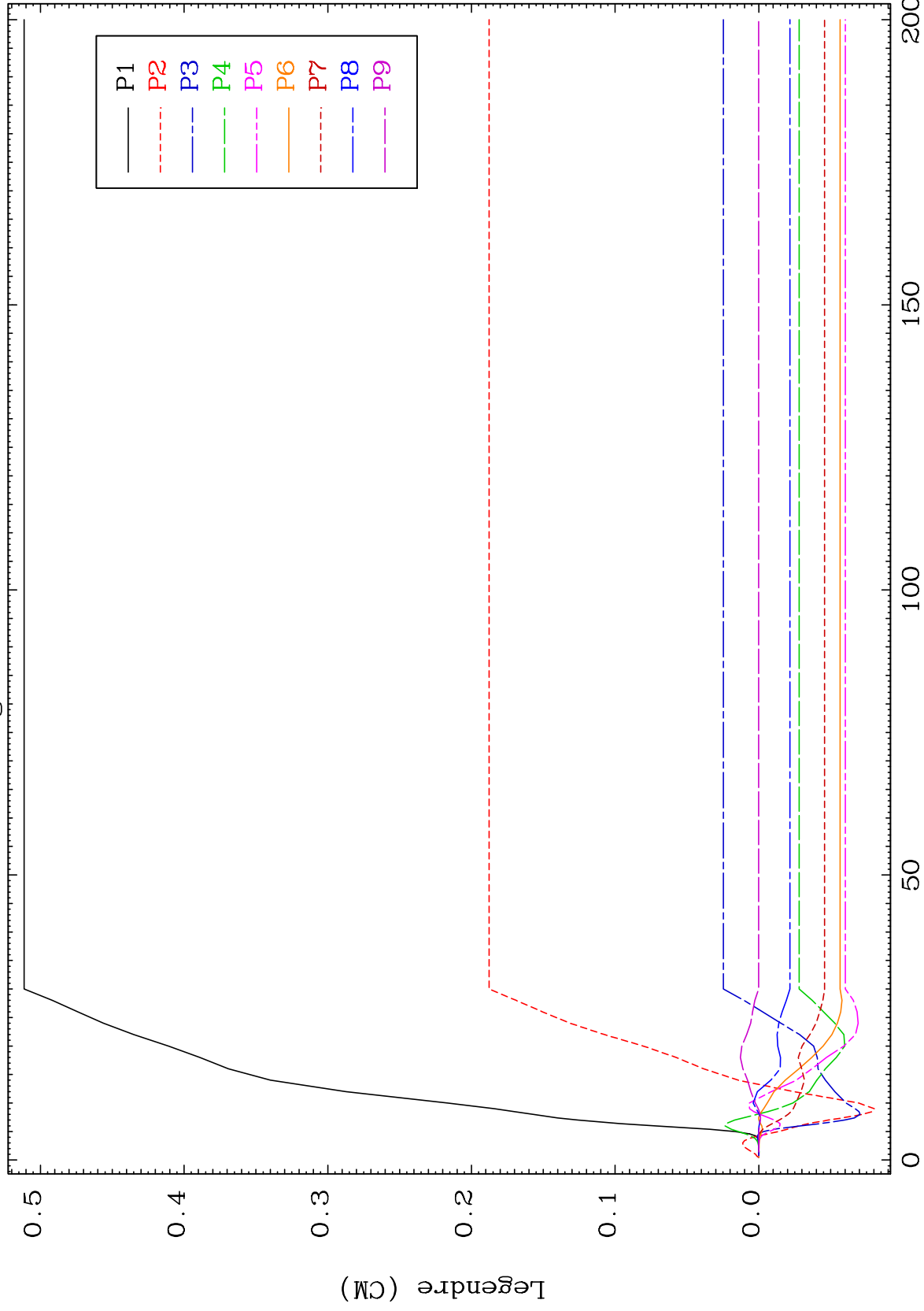
74-W -181



MAT 7428

409.2 keV (n,n') Level  
Legendre Coefficients

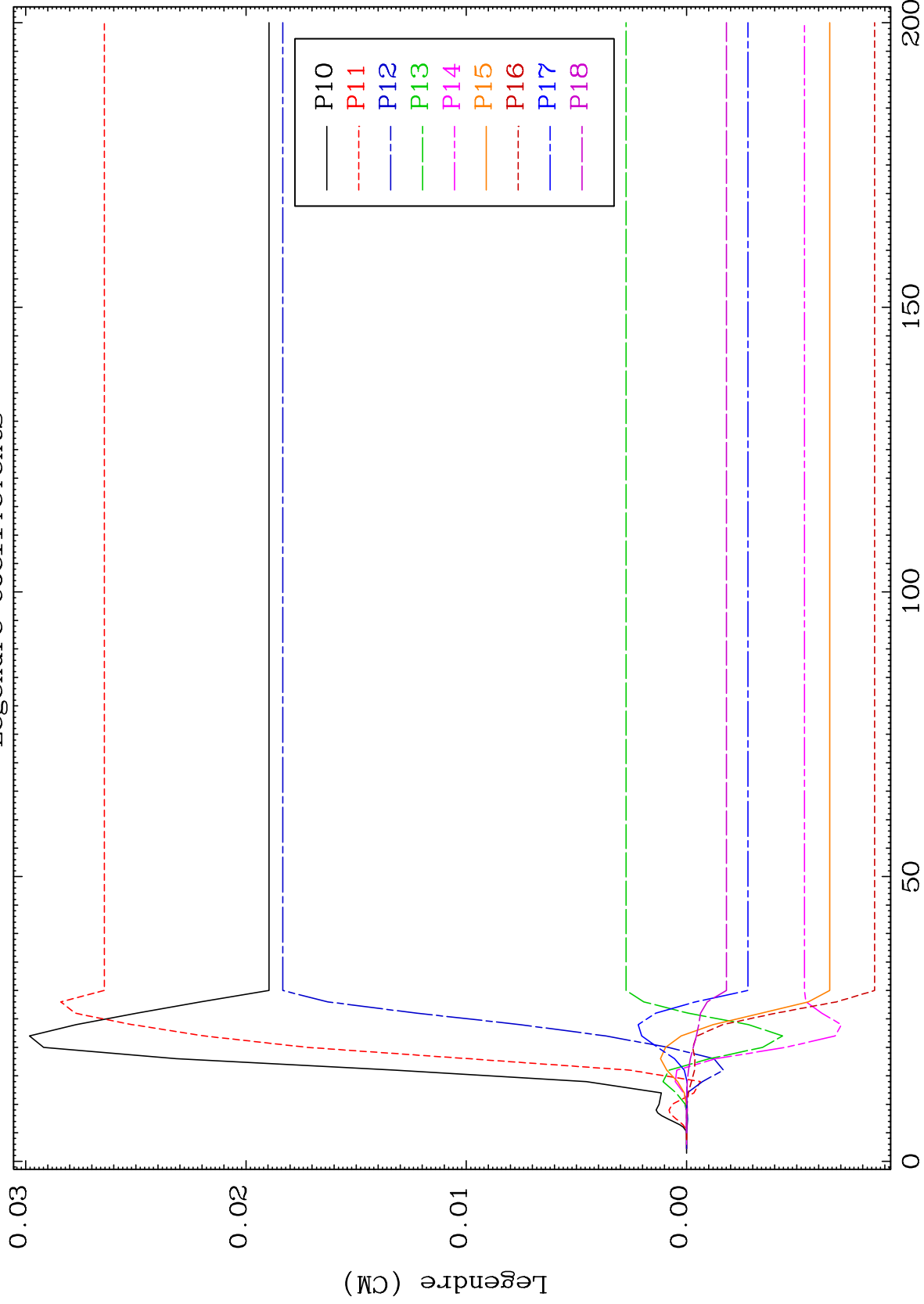
74-W -181

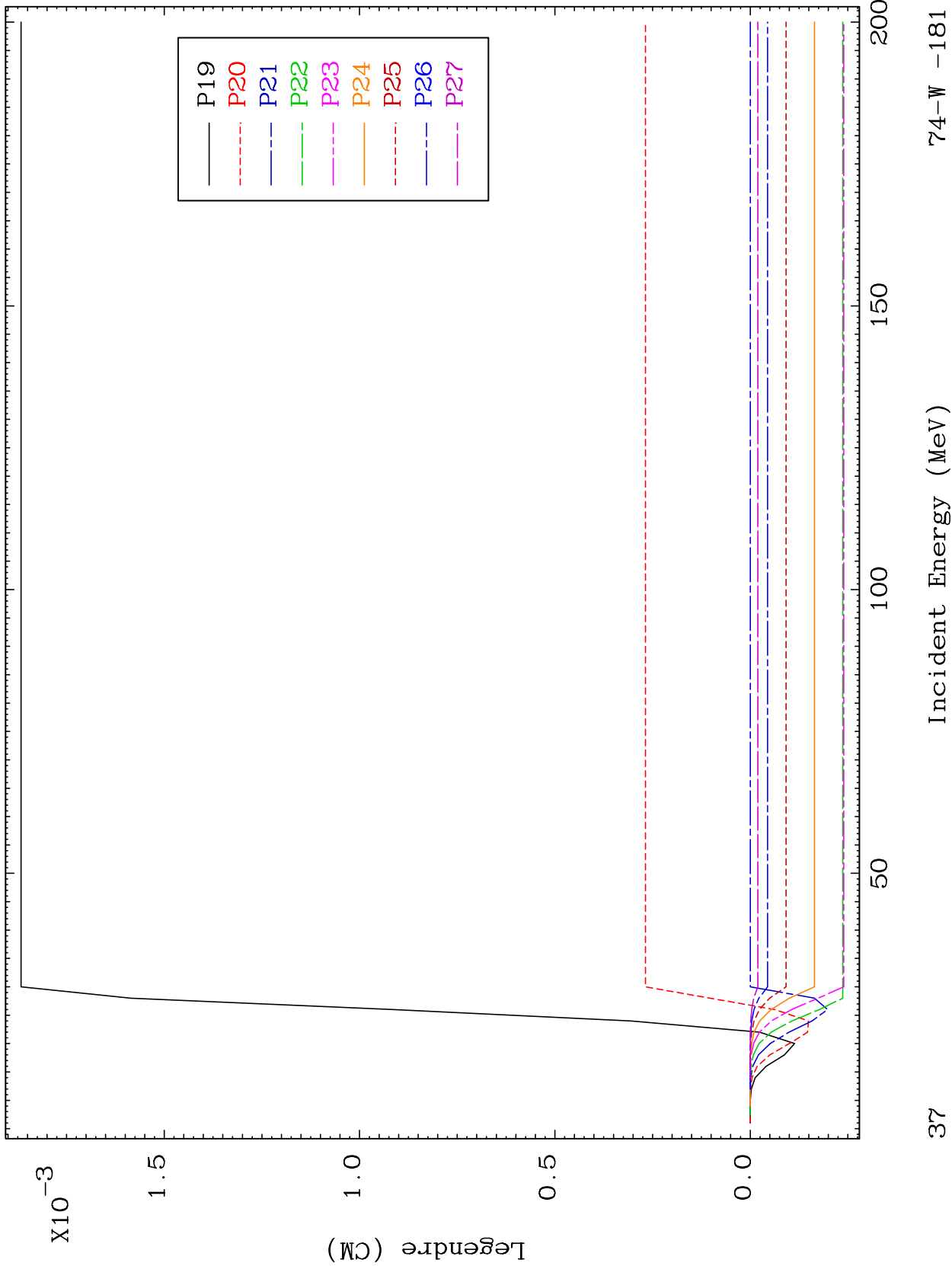


74-W -181

Incident Energy (MeV)

35



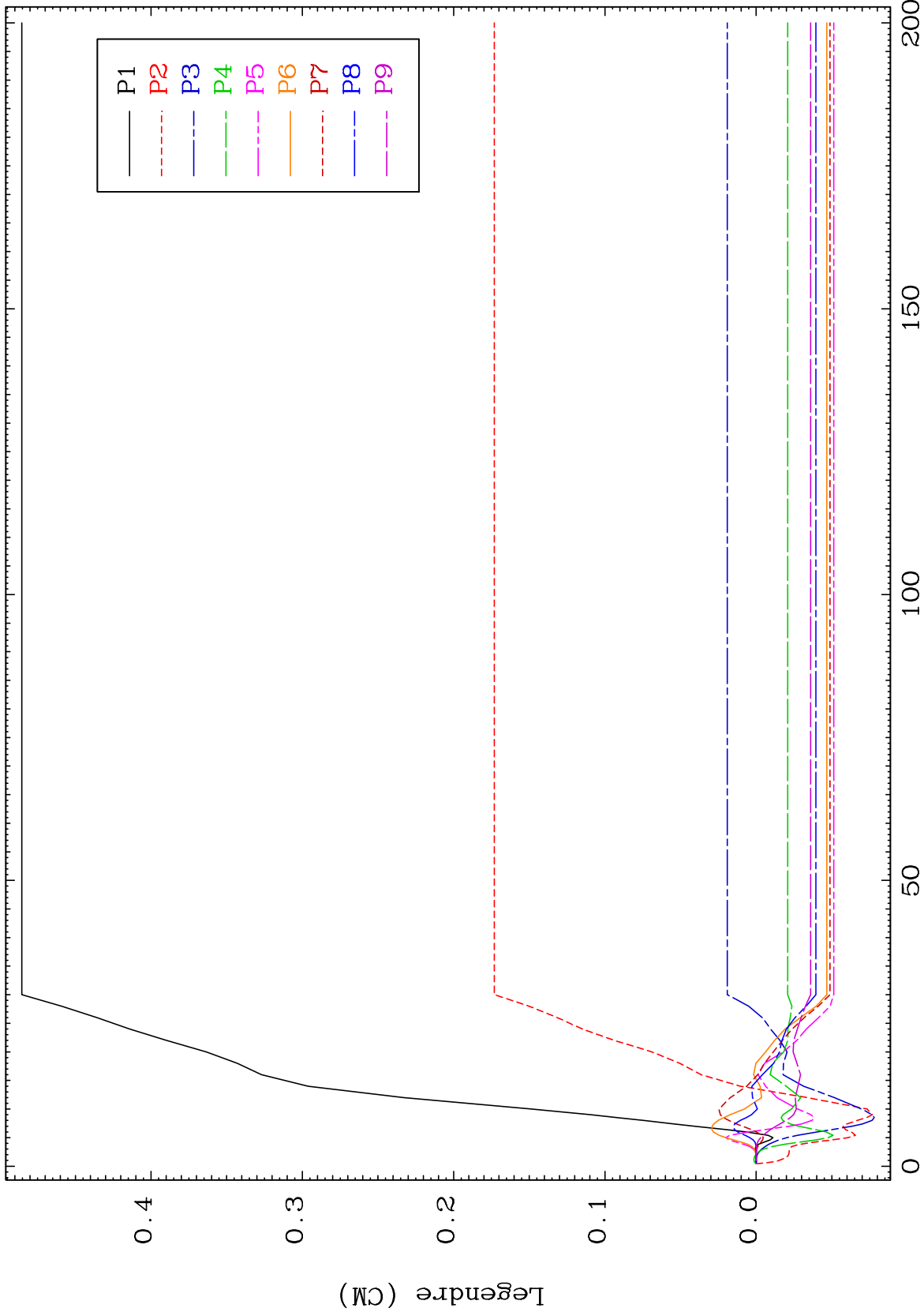




MAT 7428

414.3 keV (n,n') Level  
Legendre Coefficients

74-W -181



39

Incident Energy (MeV)

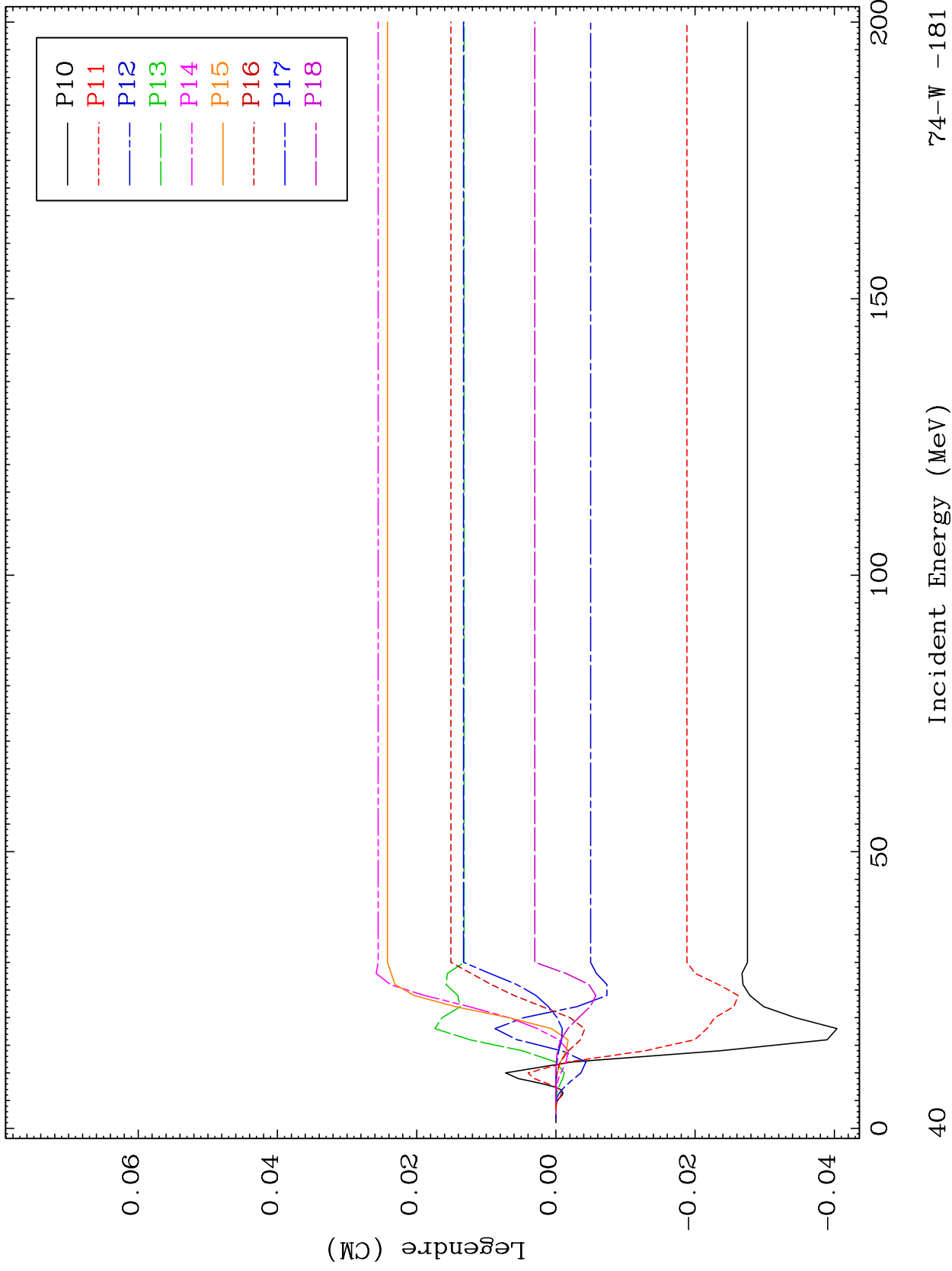
74-W -181



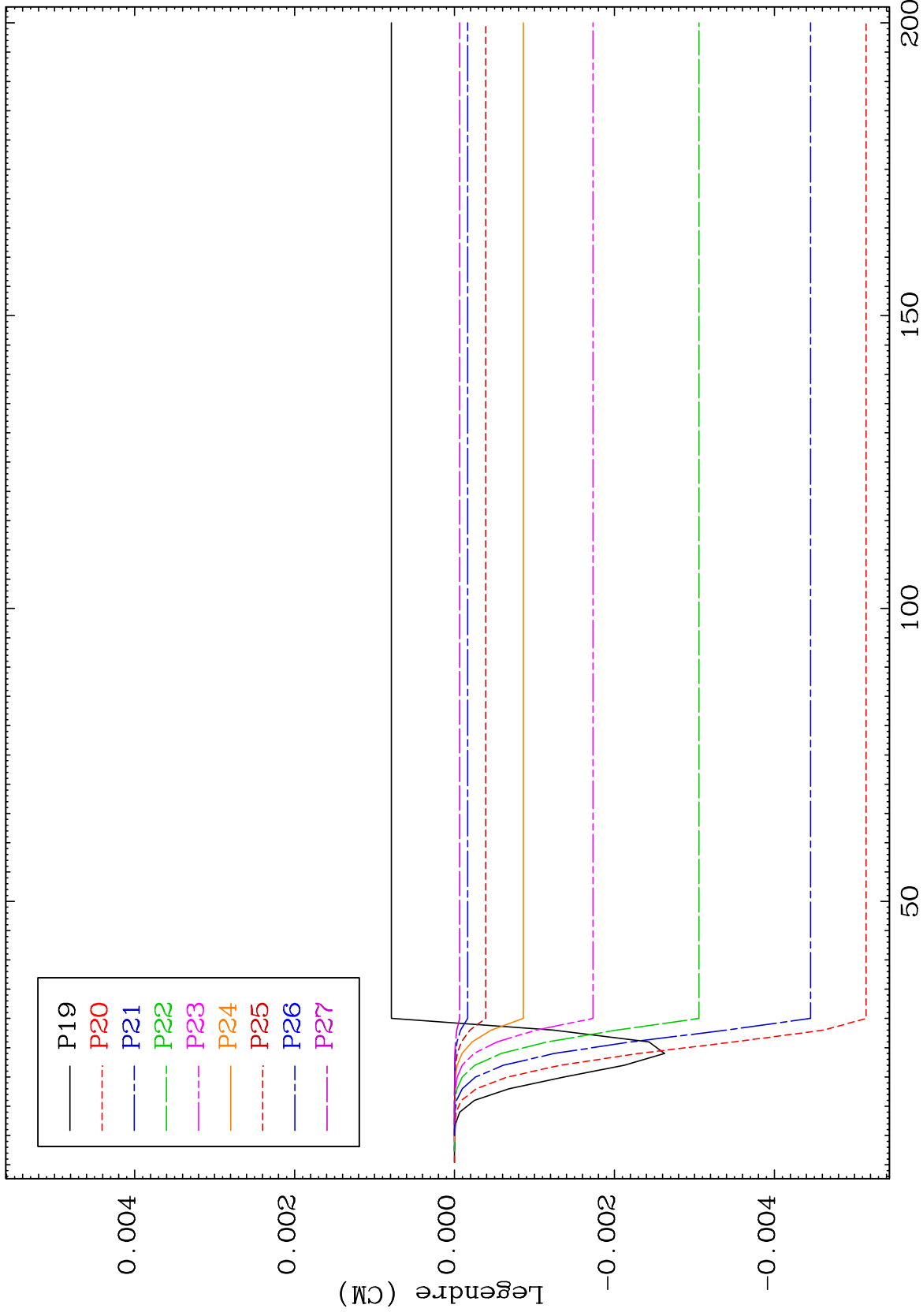
MAT 7428

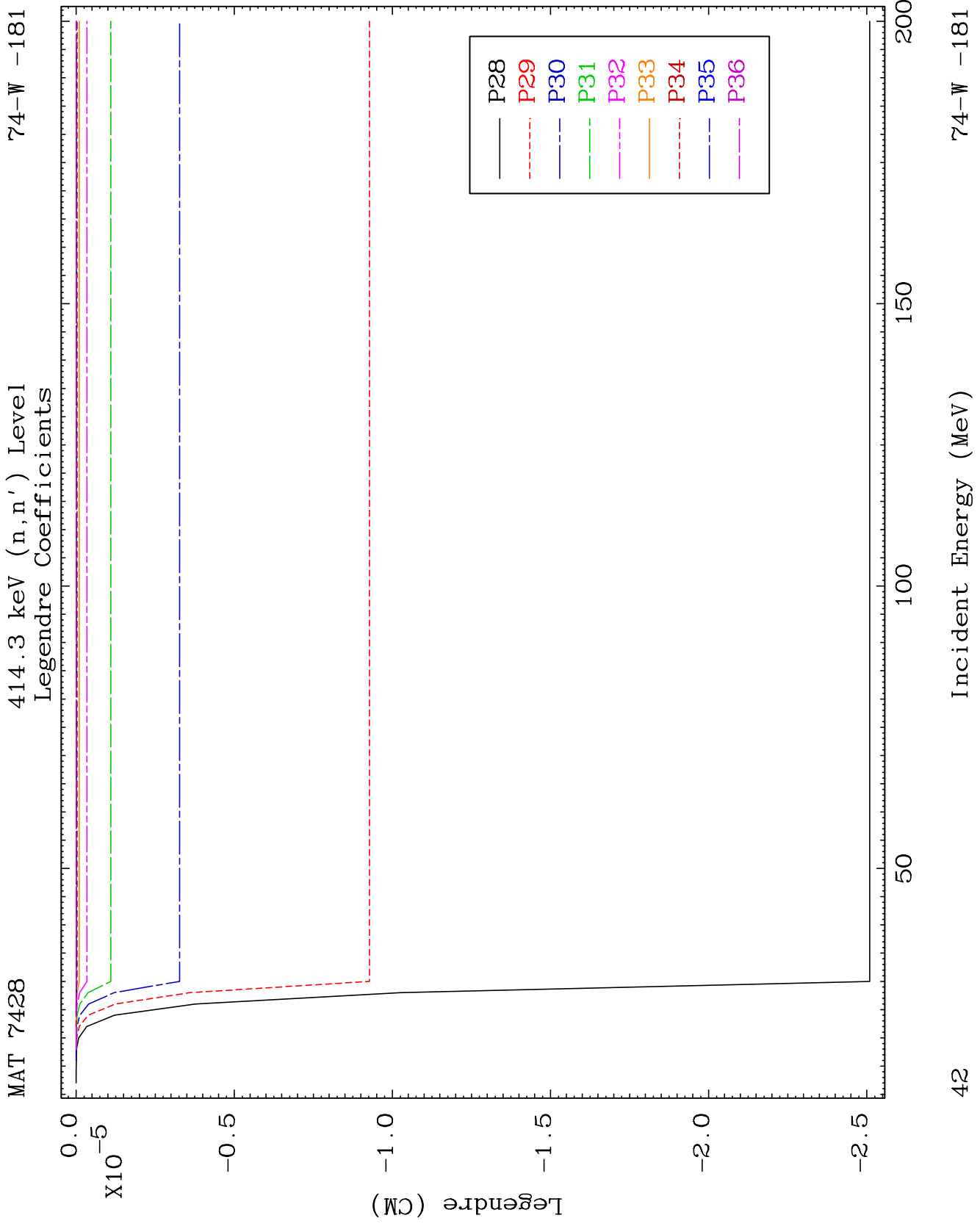
414.3 keV (n,n') Level  
Legendre Coefficients

74-W -181



74-W -181

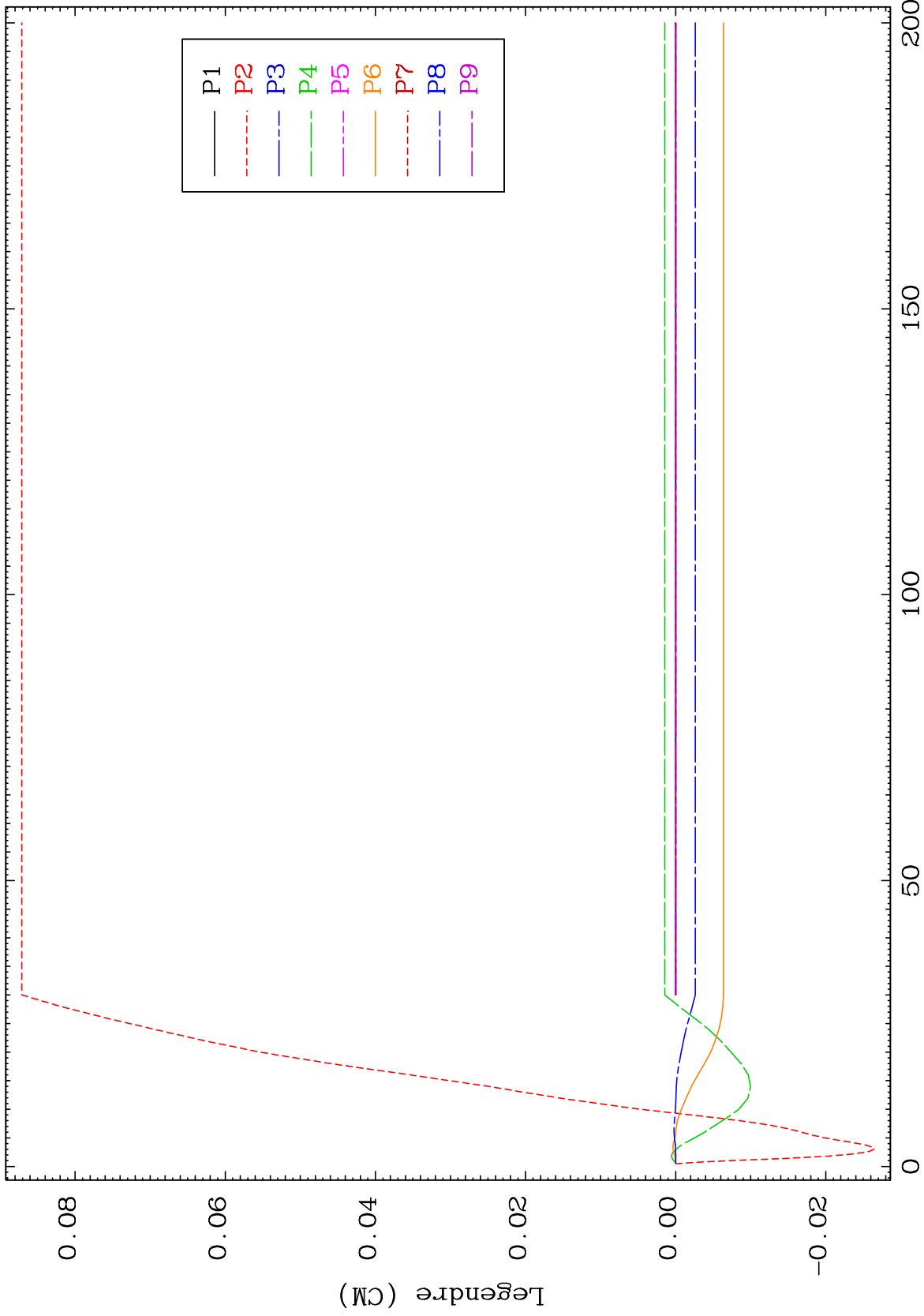




MAT 7428

450.1 keV (n,n') Level  
Legendre Coefficients

74-W -181



74-W -181

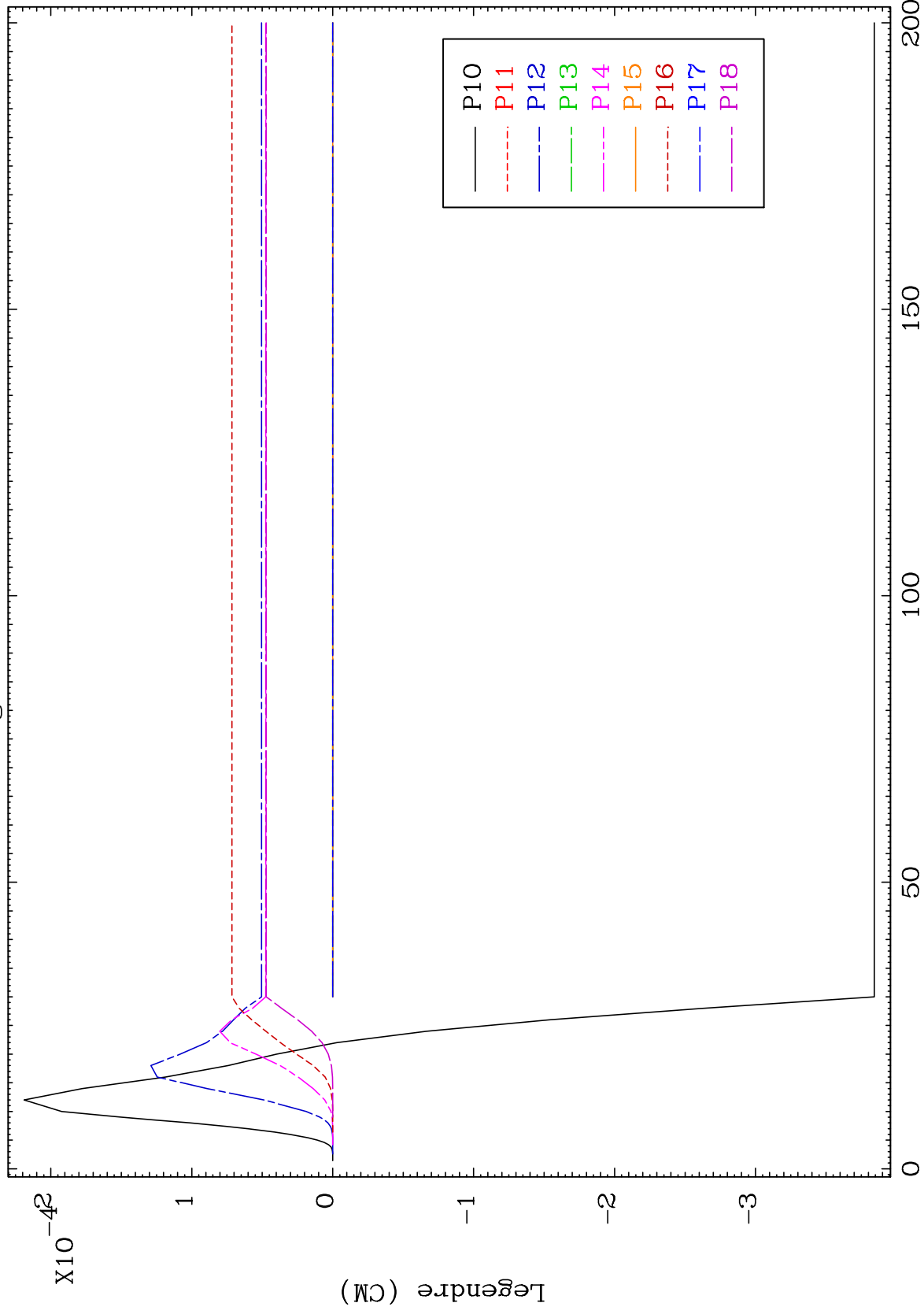
Incident Energy (MeV)

43

MAT 7428

450.1 keV (n,n') Level  
Legendre Coefficients

74-W -181



44

Incident Energy (MeV)

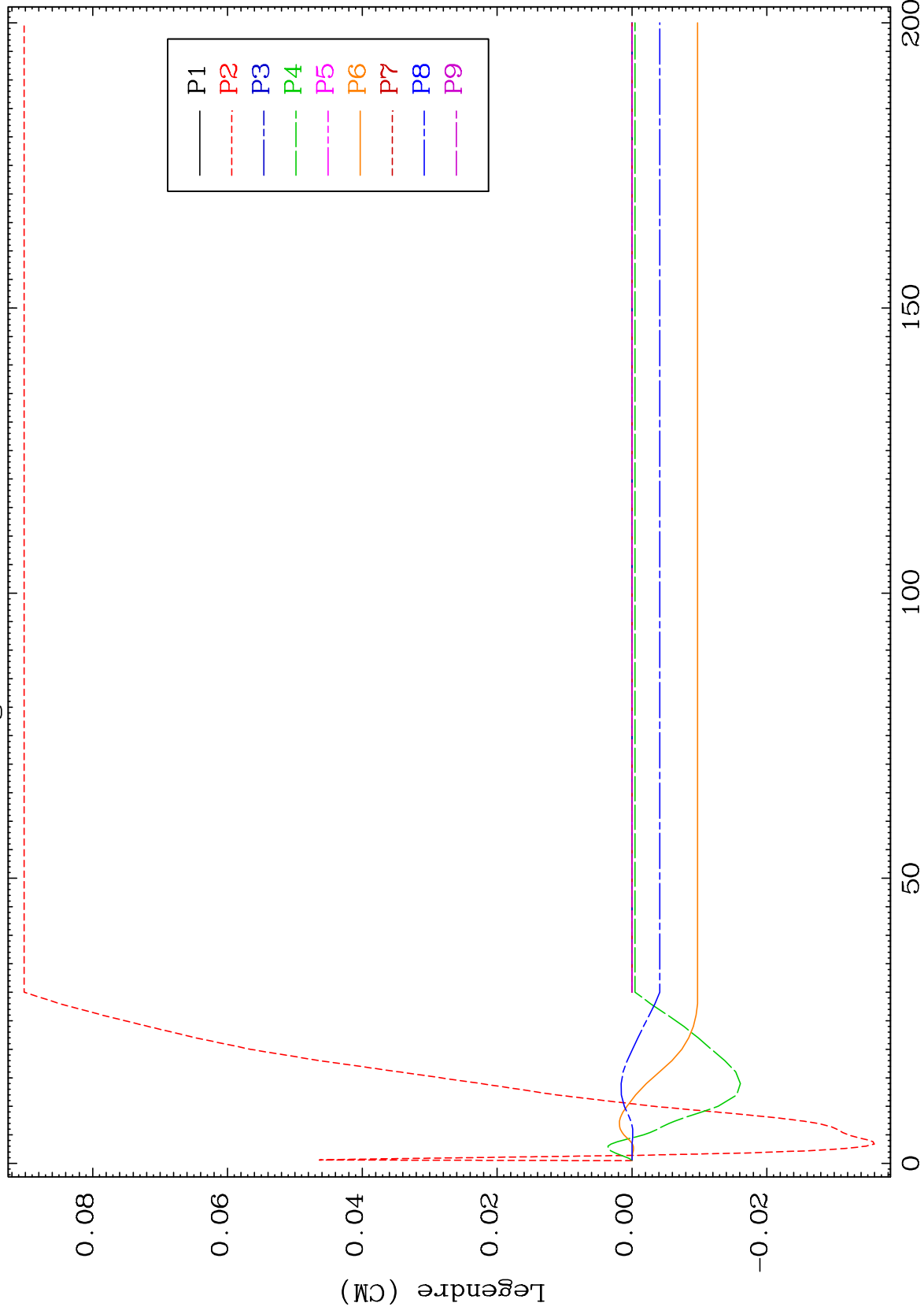
74-W -181



MAT 7428

457.8 keV (n,n') Level  
Legendre Coefficients

74-W -181



46

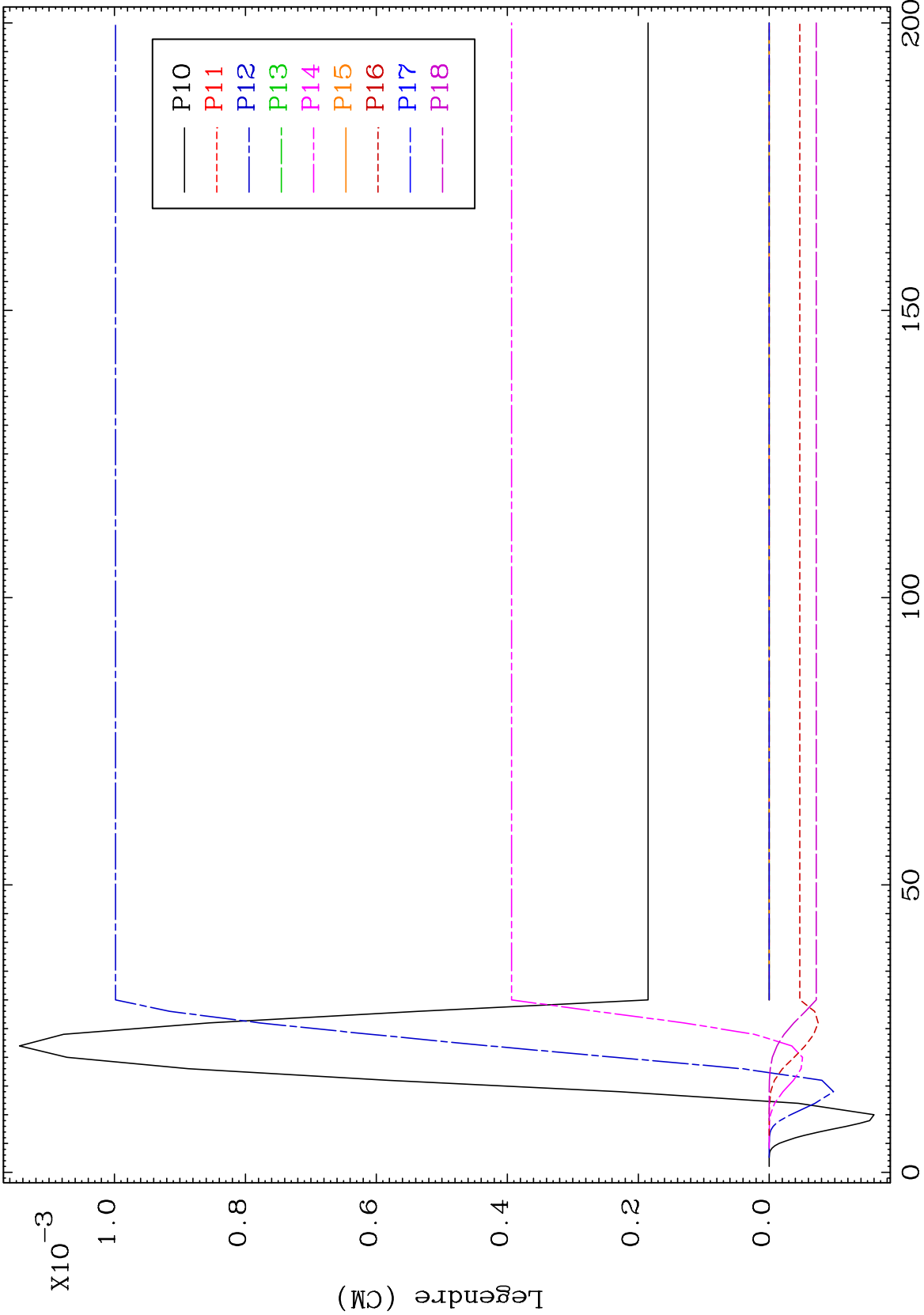
Incident Energy (MeV)

74-W -181

MAT 7428

457.8 keV (n,n') Level  
Legendre Coefficients

74-W -181

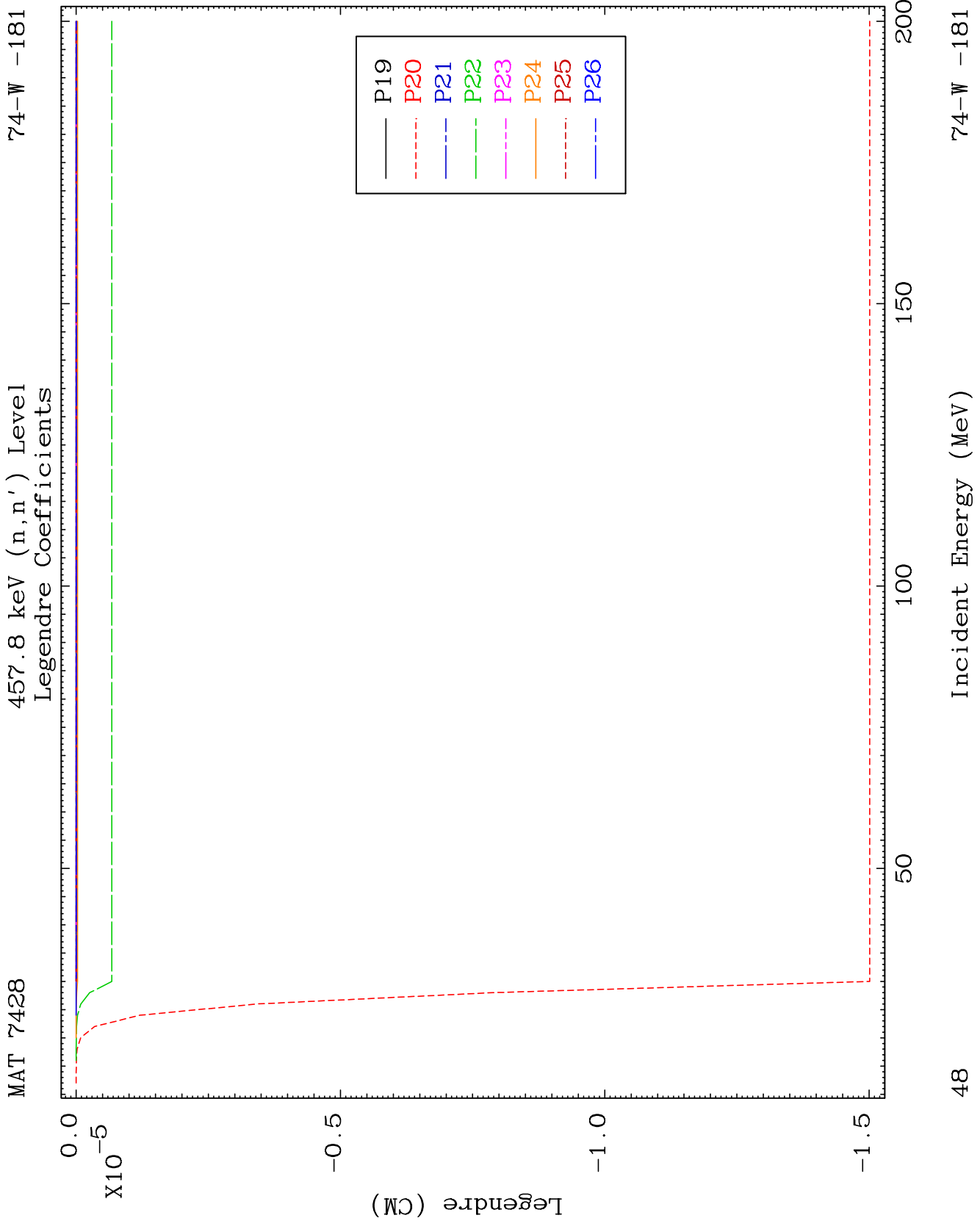


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Incident Energy (MeV)

74-W -181

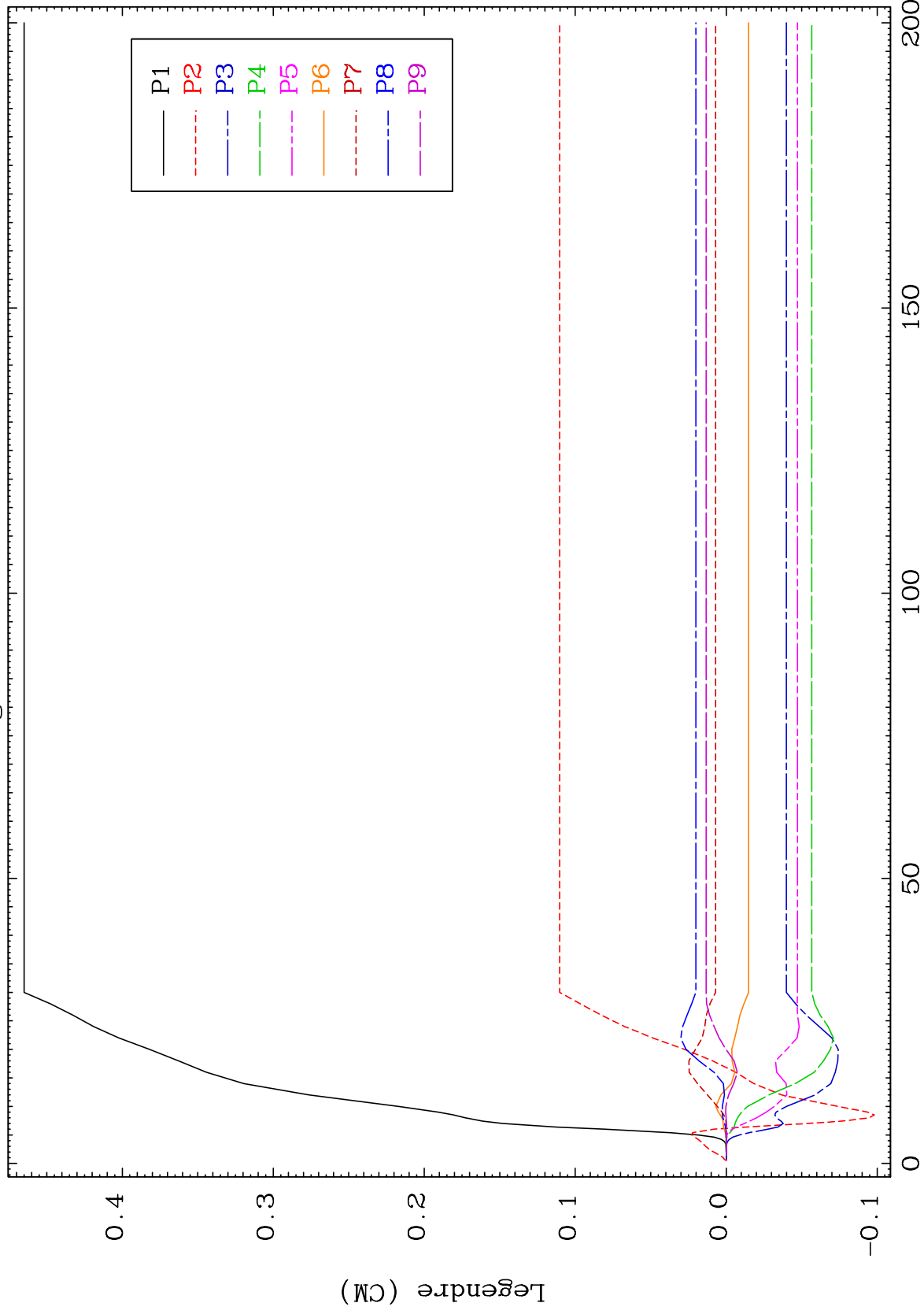




MAT 7428

475.6 keV (n,n') Level  
Legendre Coefficients

74-W -181



49

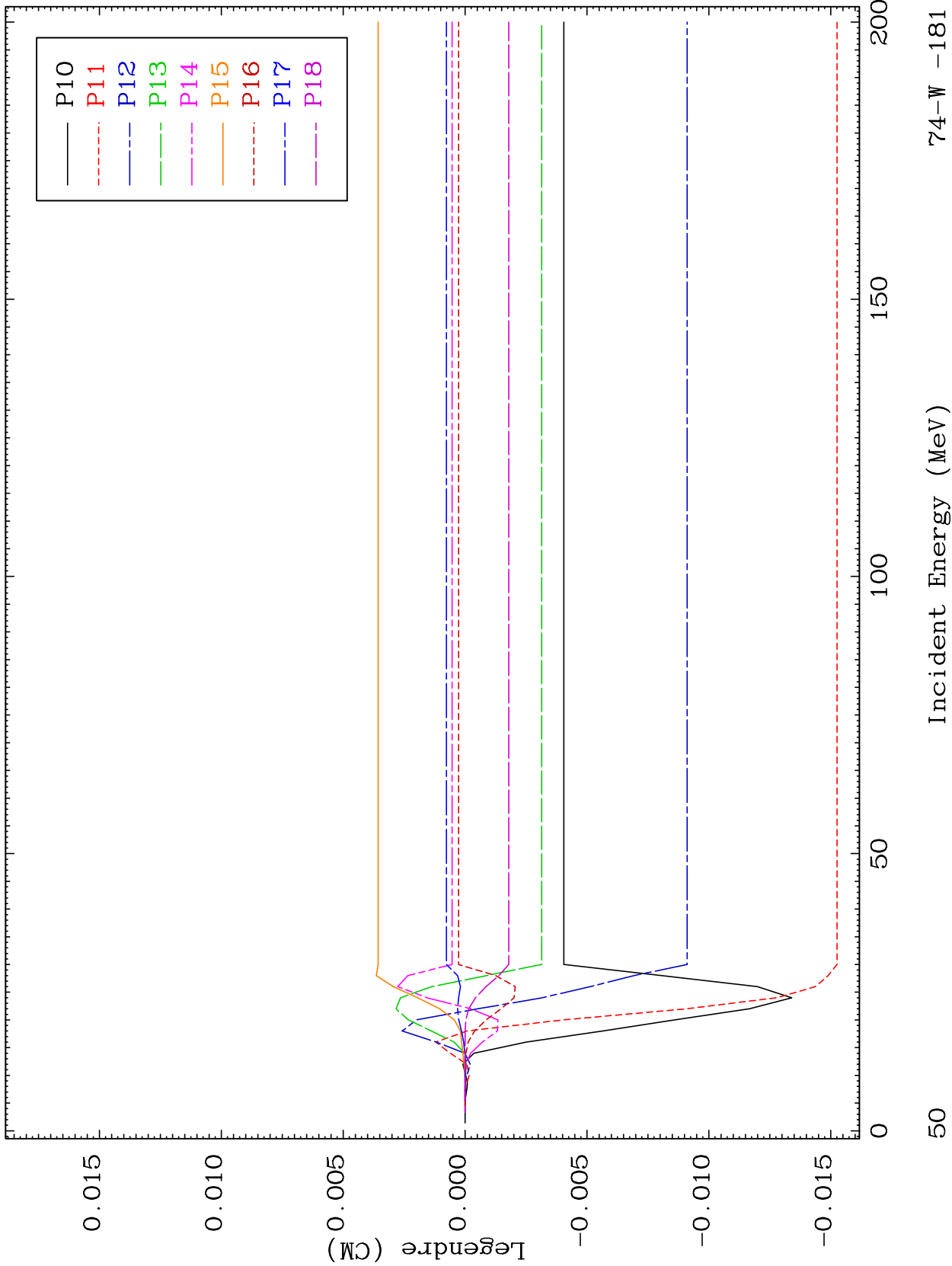
Incident Energy (MeV)

74-W -181

MAT 7428

475.6 keV (n,n') Level  
Legendre Coefficients

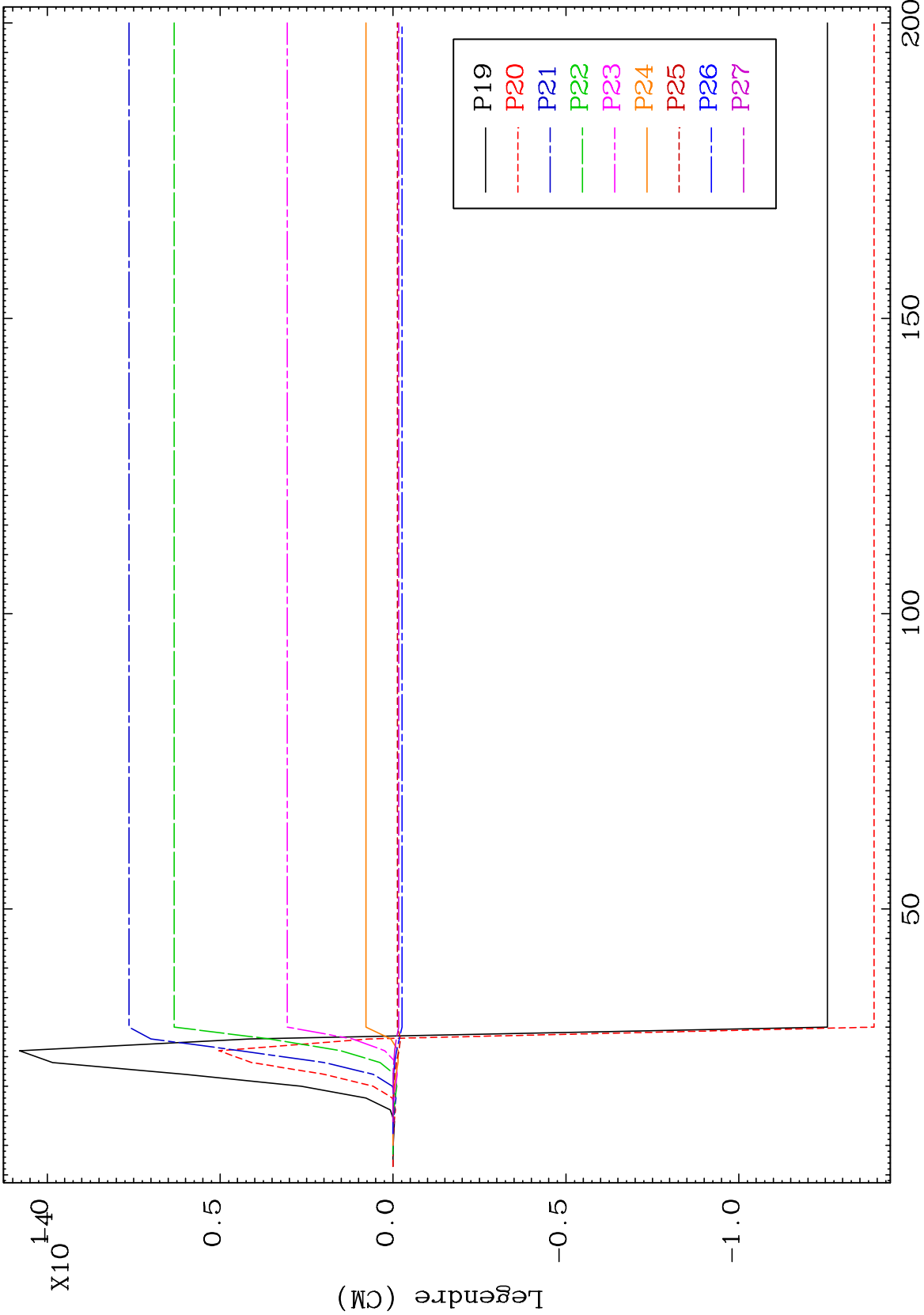
74-W -181

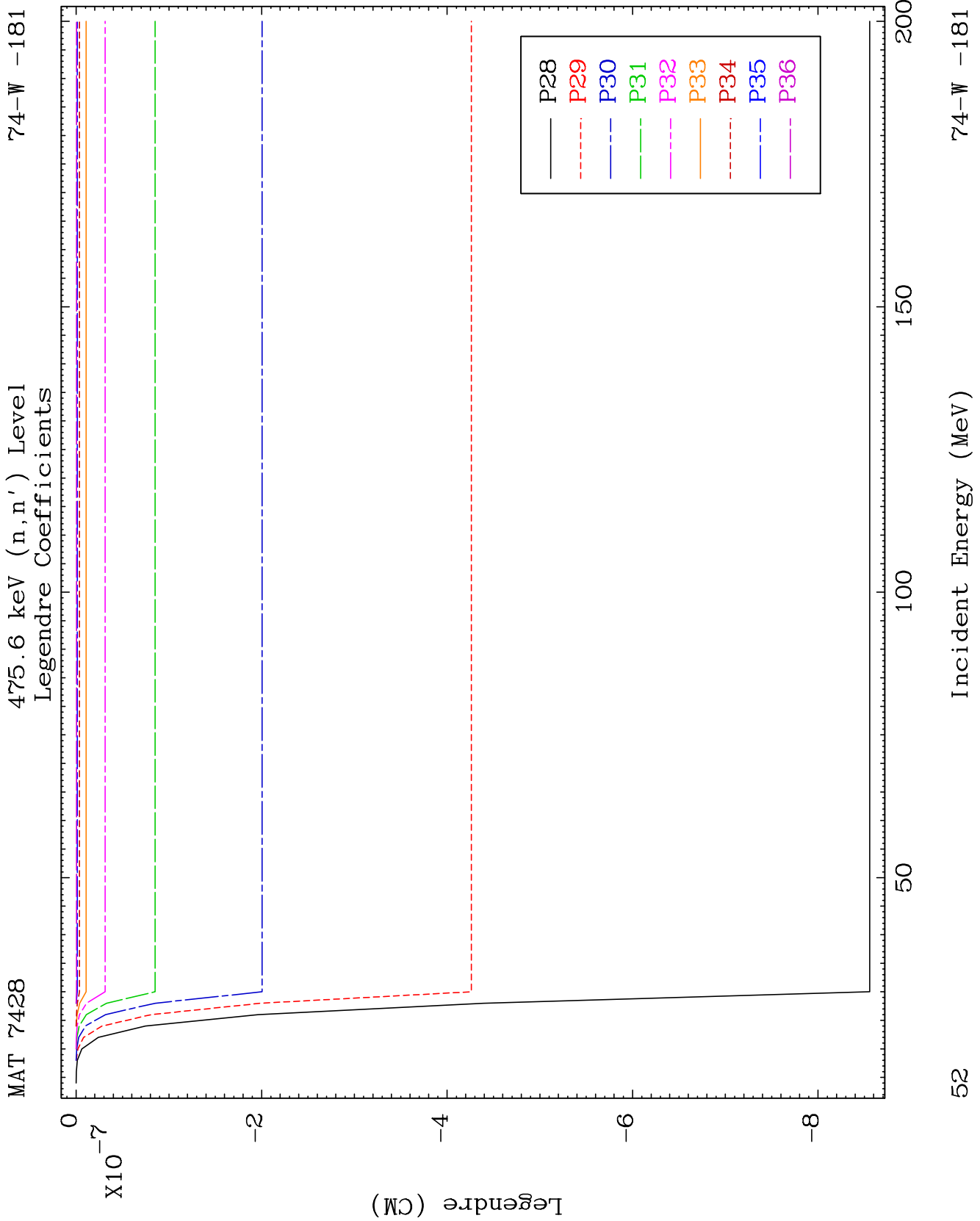


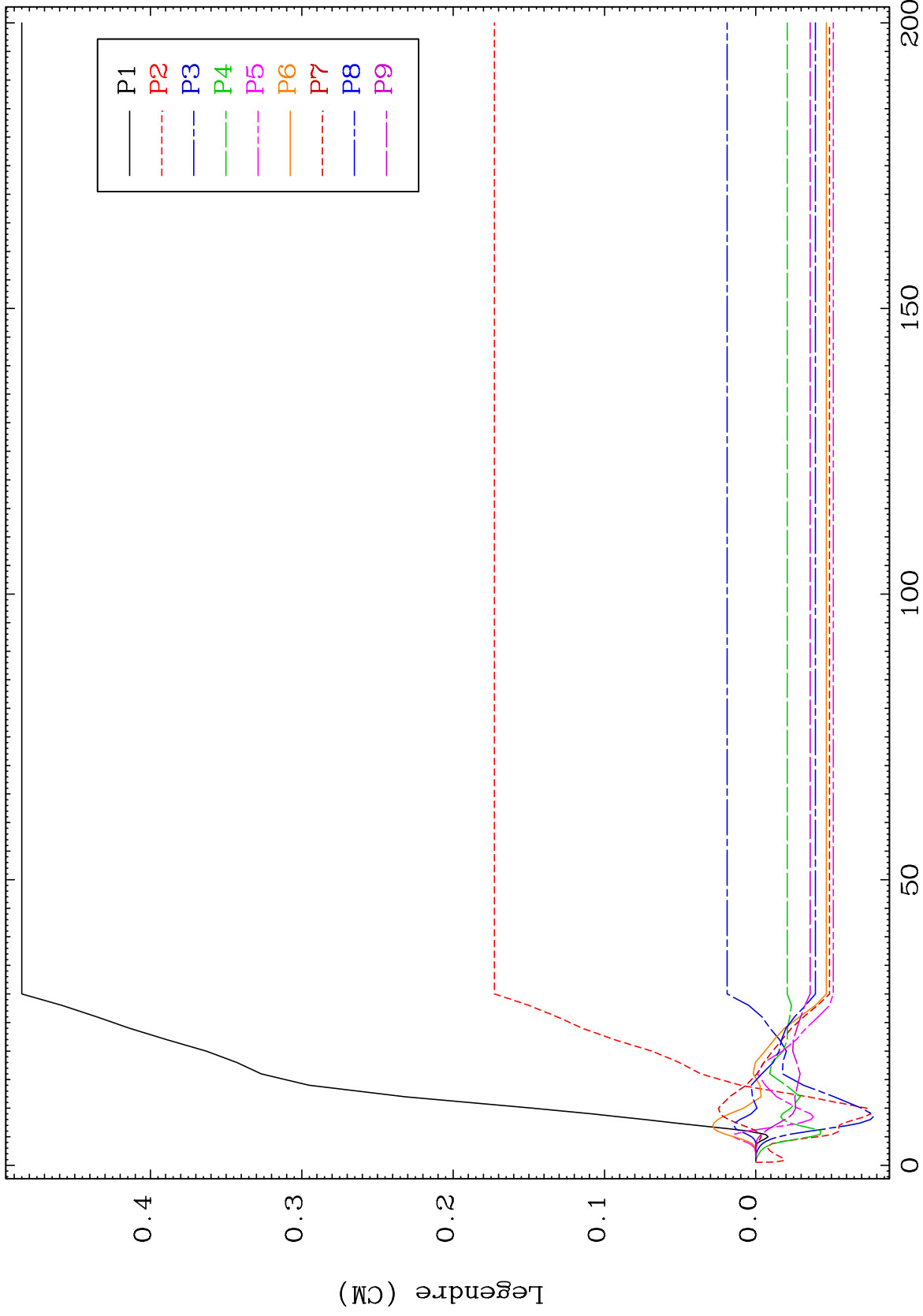
74-W -181

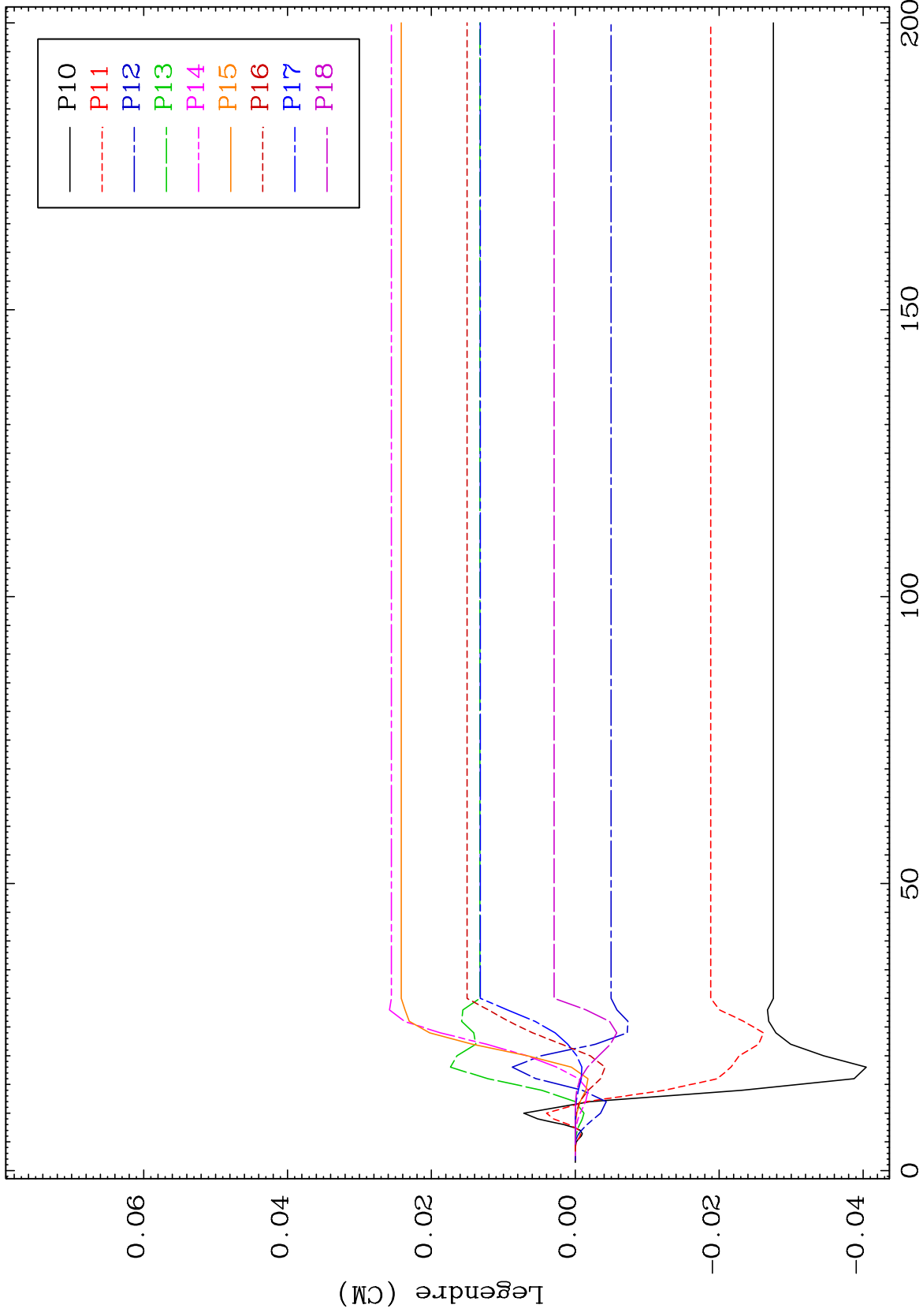
Incident Energy (MeV)

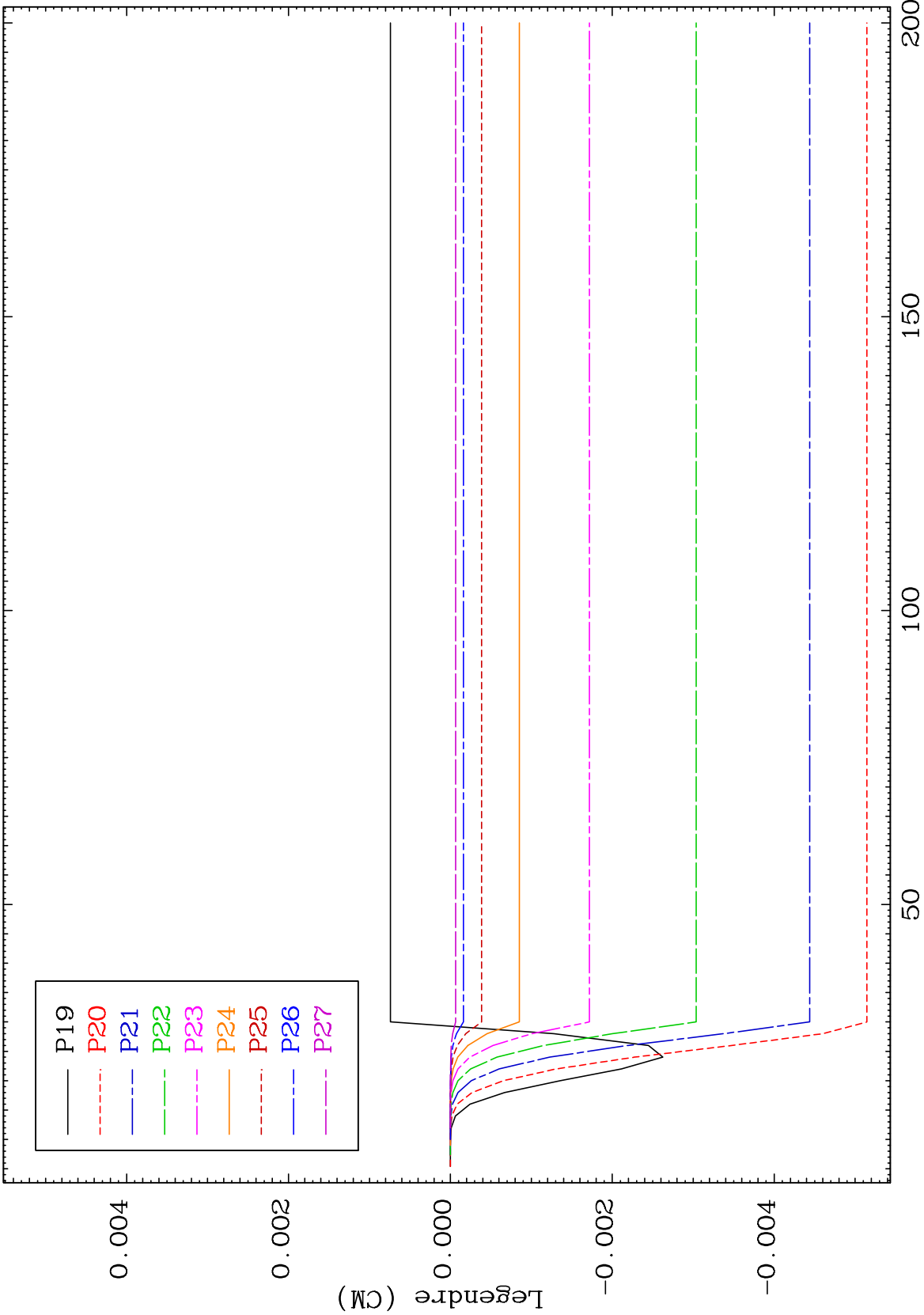
50



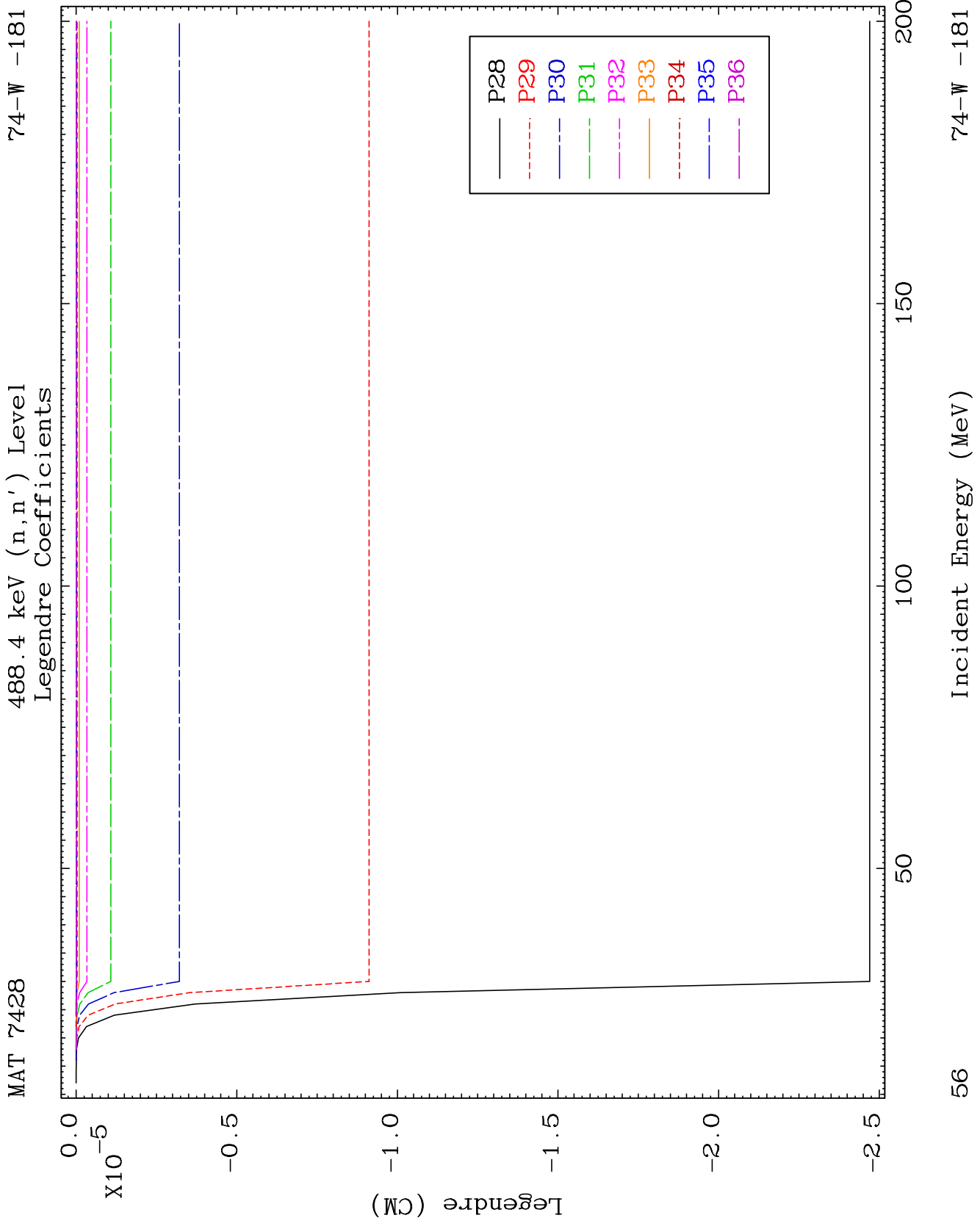








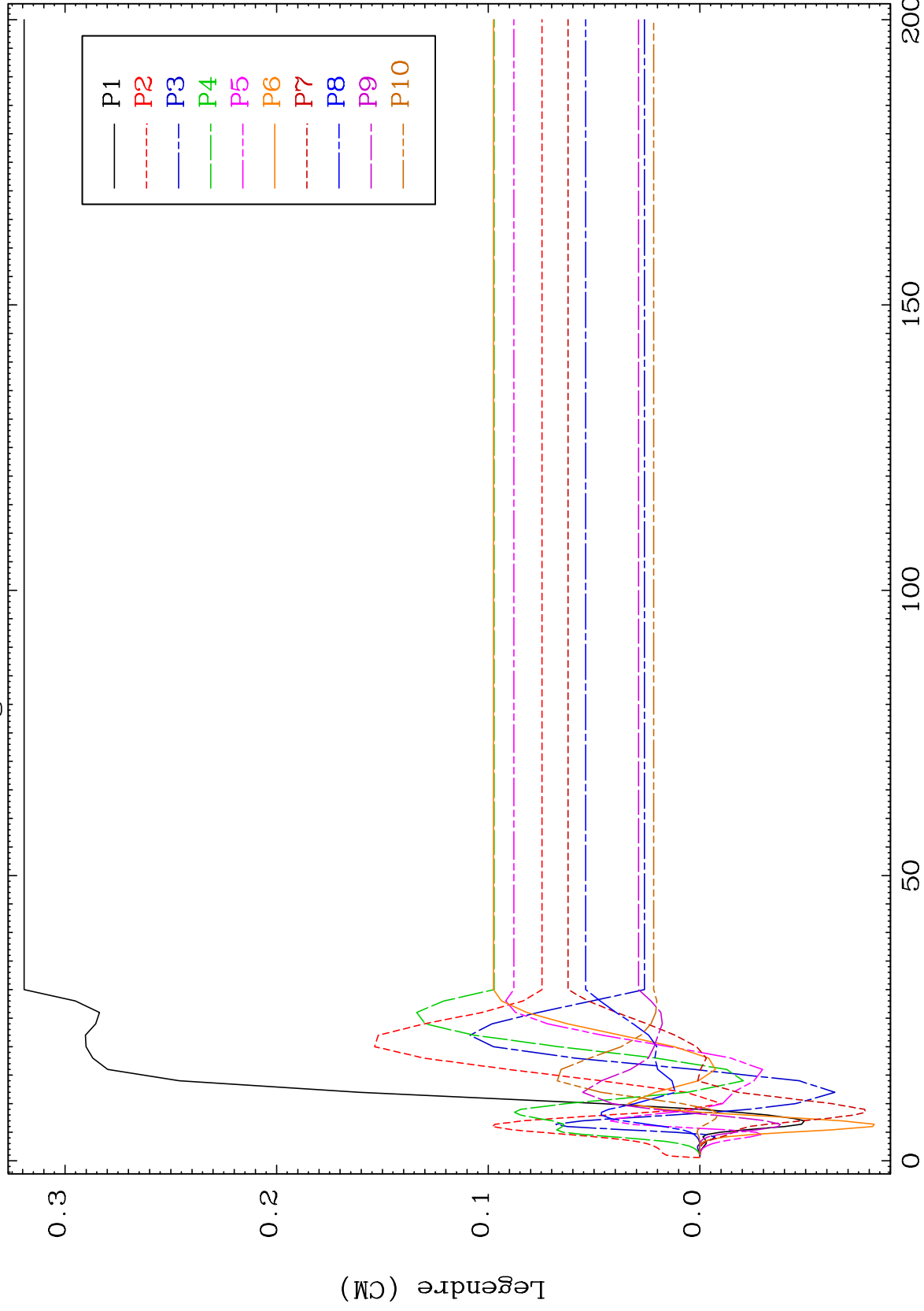




MAT 7428

528.6 keV (n,n') Level  
Legendre Coefficients

74-W -181



57

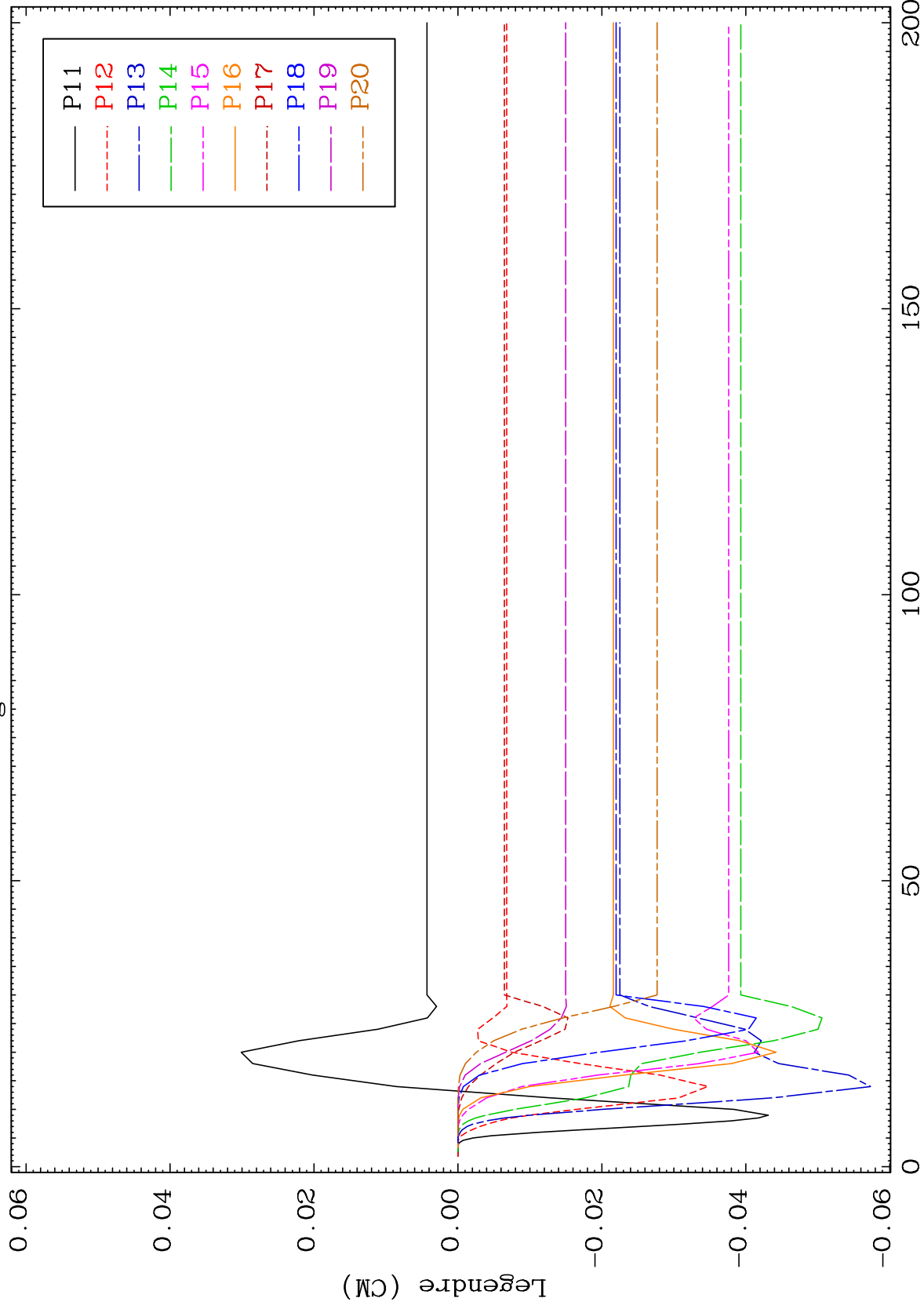
Incident Energy (MeV)

74-W -181

MAT 7428

528.6 keV (n,n') Level  
Legendre Coefficients

74-W -181



58

Incident Energy (MeV)

74-W -181

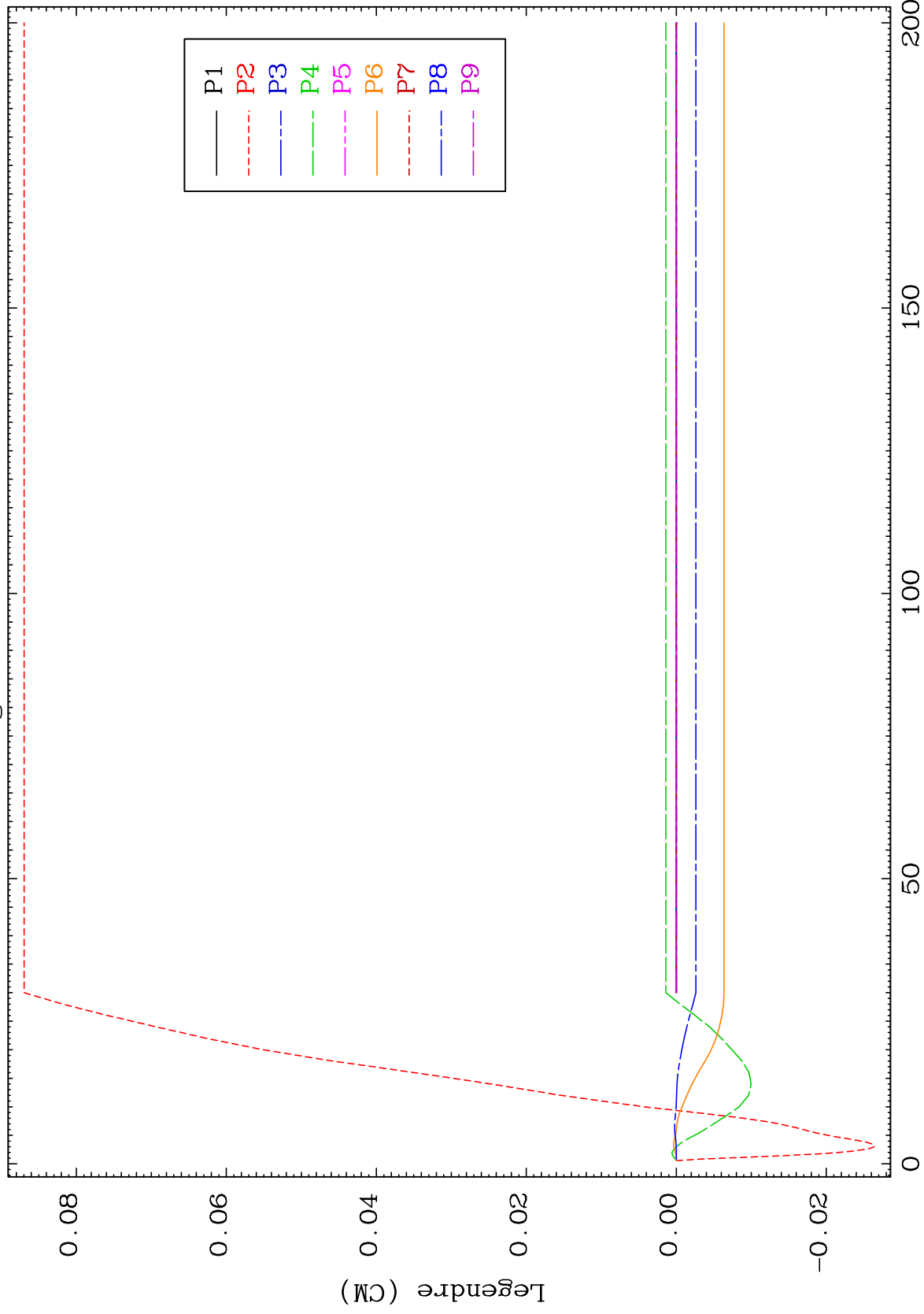




MAT 7428

544.9 keV (n,n') Level  
Legendre Coefficients

74-W -181



74-W -181

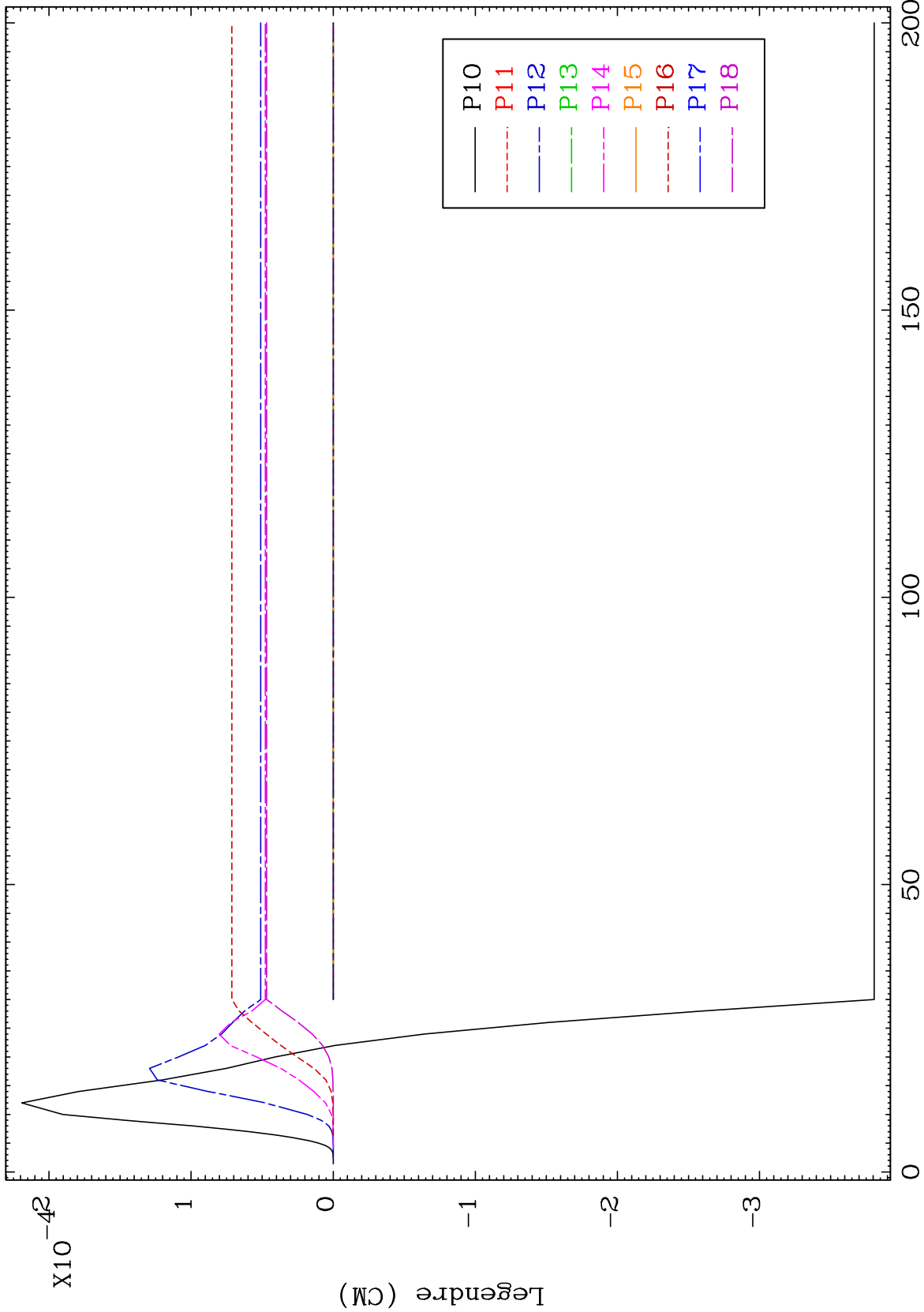
Incident Energy (MeV)

61

MAT 7428

544.9 keV (n,n') Level  
Legendre Coefficients

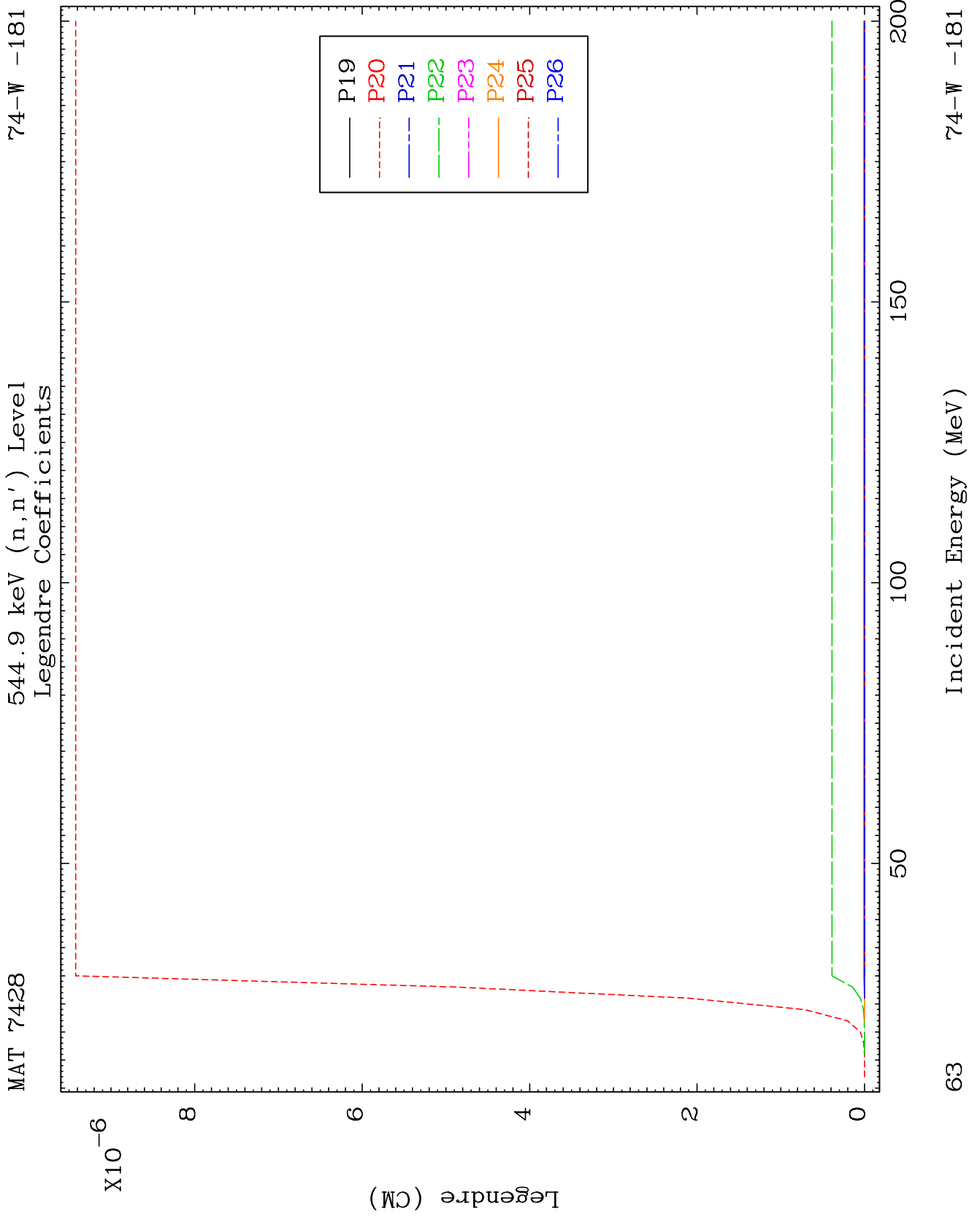
74-W -181



62

Incident Energy (MeV)

74-W -181

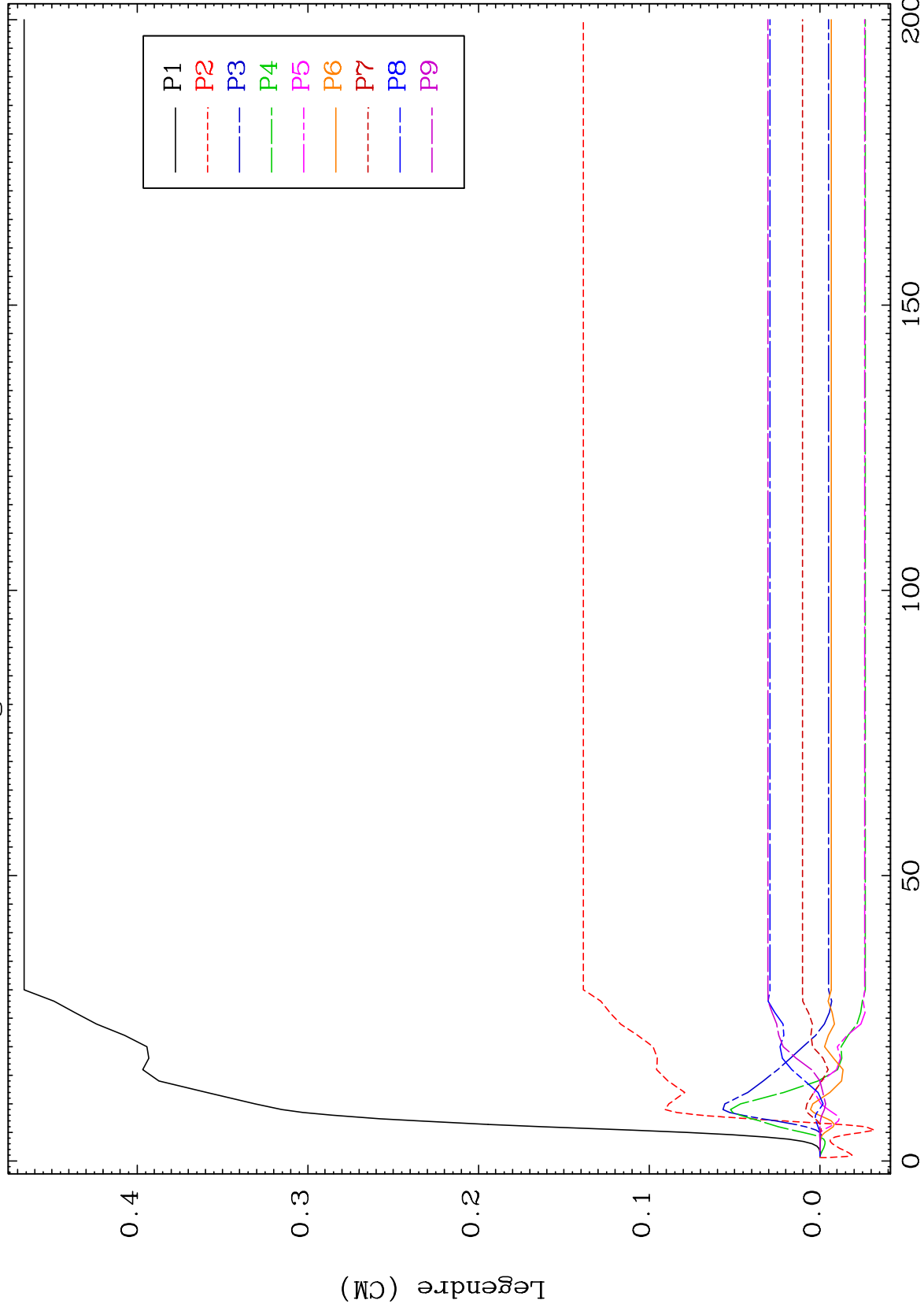




MAT 7428

560.4 keV (n,n') Level  
Legendre Coefficients

74-W -181



74-W -181

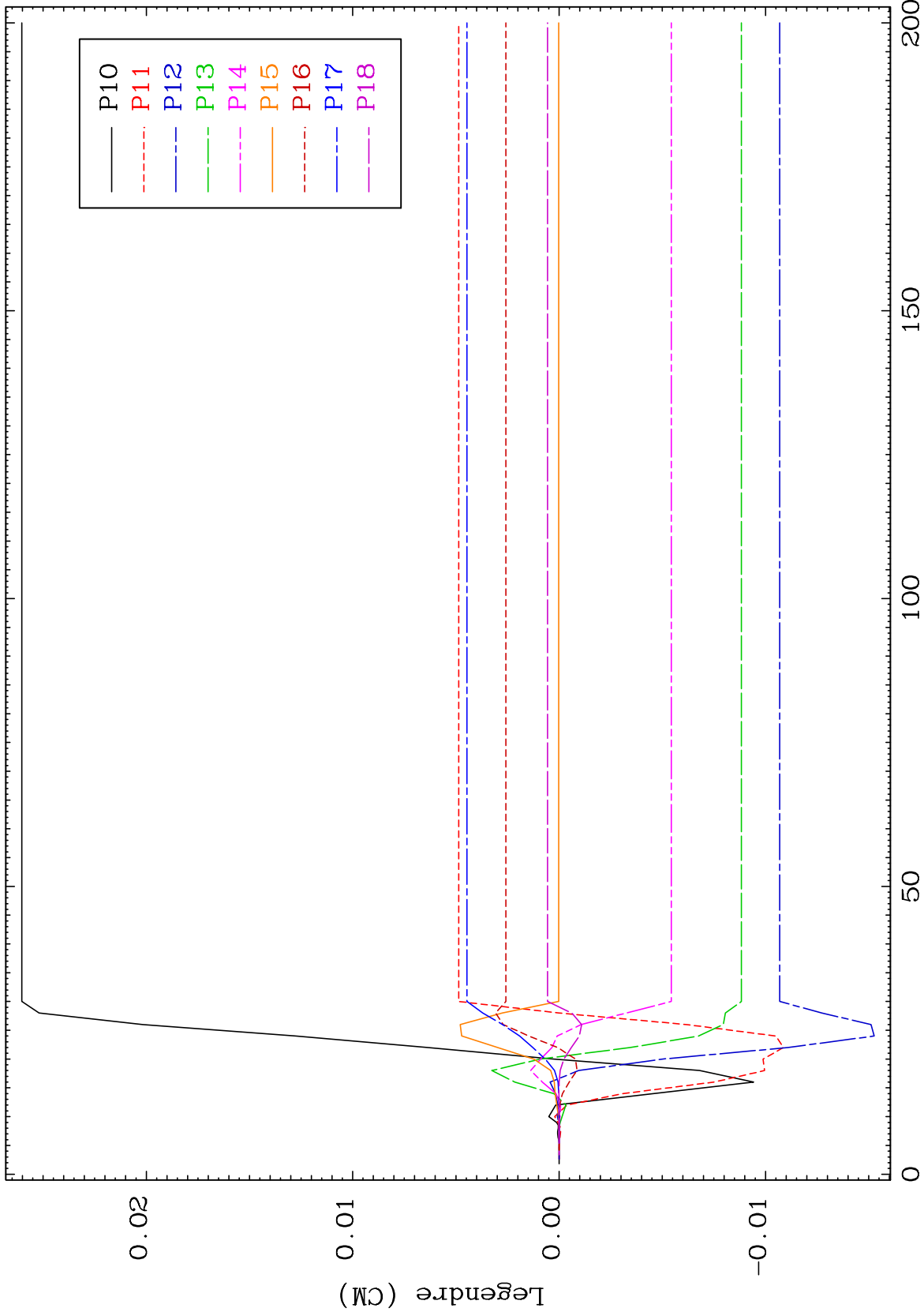
Incident Energy (MeV)

64

MAT 7428

560.4 keV (n,n') Level  
Legendre Coefficients

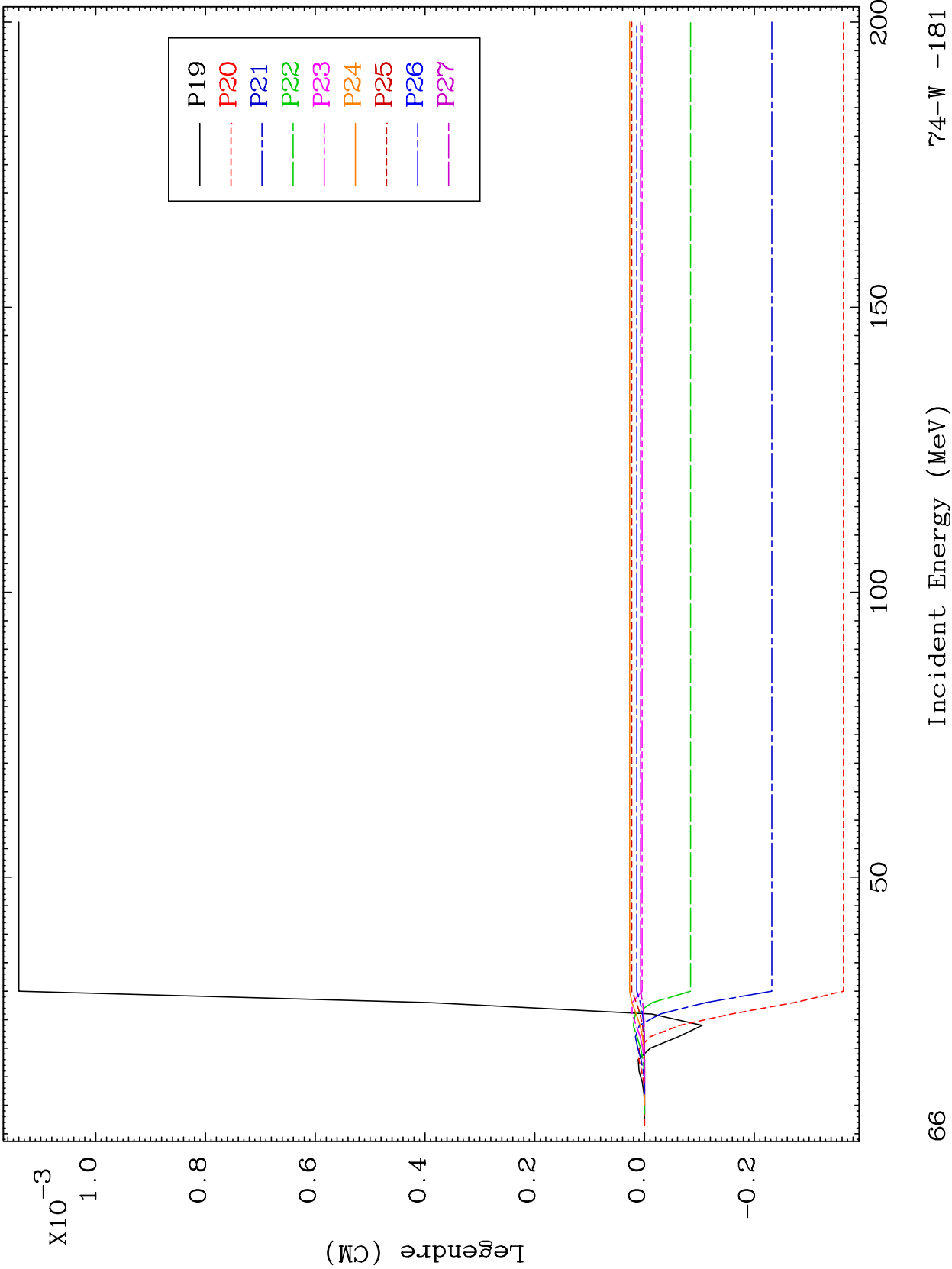
74-W -181



65

Incident Energy (MeV)

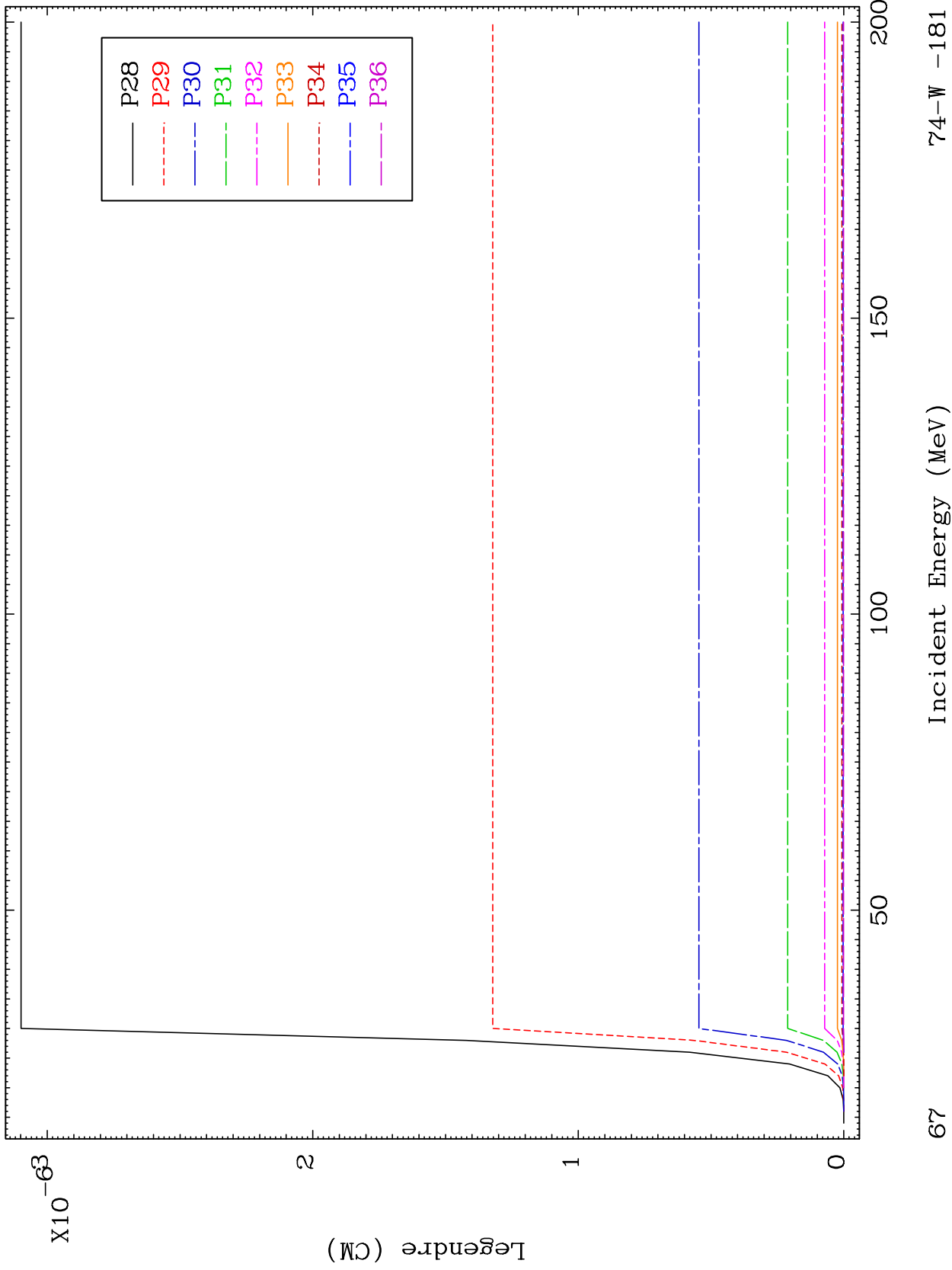
74-W -181



MAT 7428

560.4 keV (n,n') Level  
Legendre Coefficients

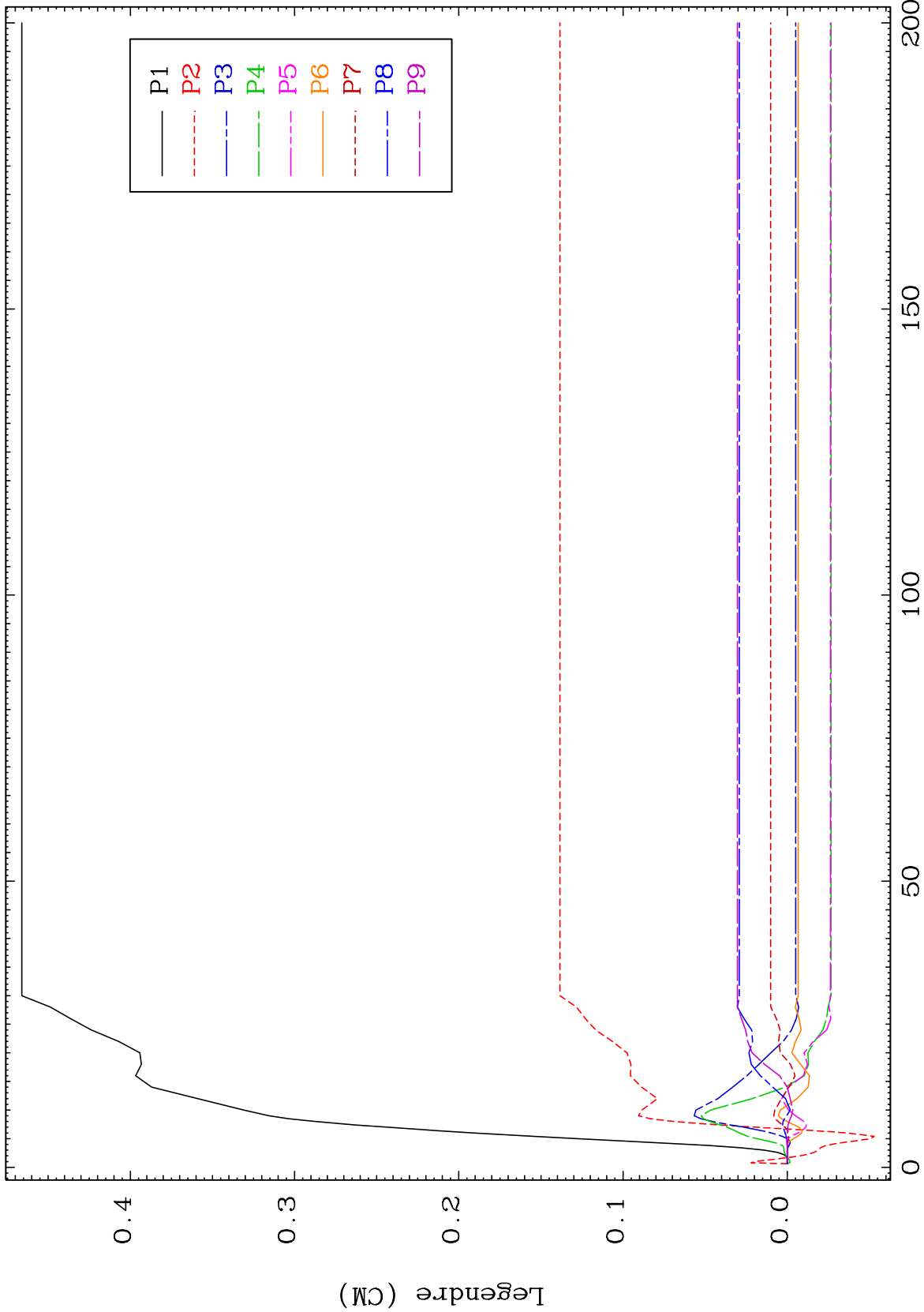
74-W -181



67

Incident Energy (MeV)

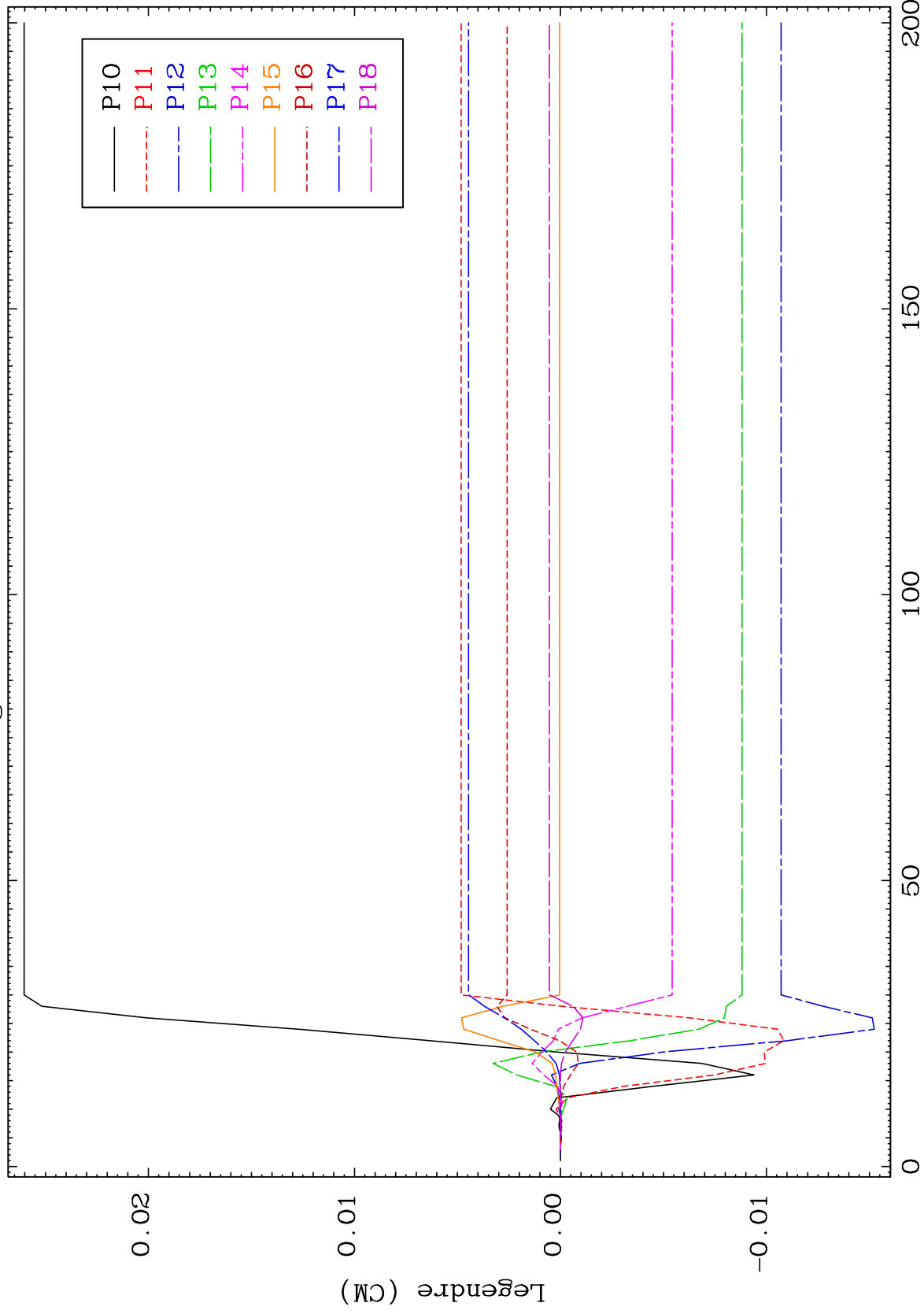
74-W -181



MAT 7428

599.4 keV (n,n') Level  
Legendre Coefficients

74-W -181



69

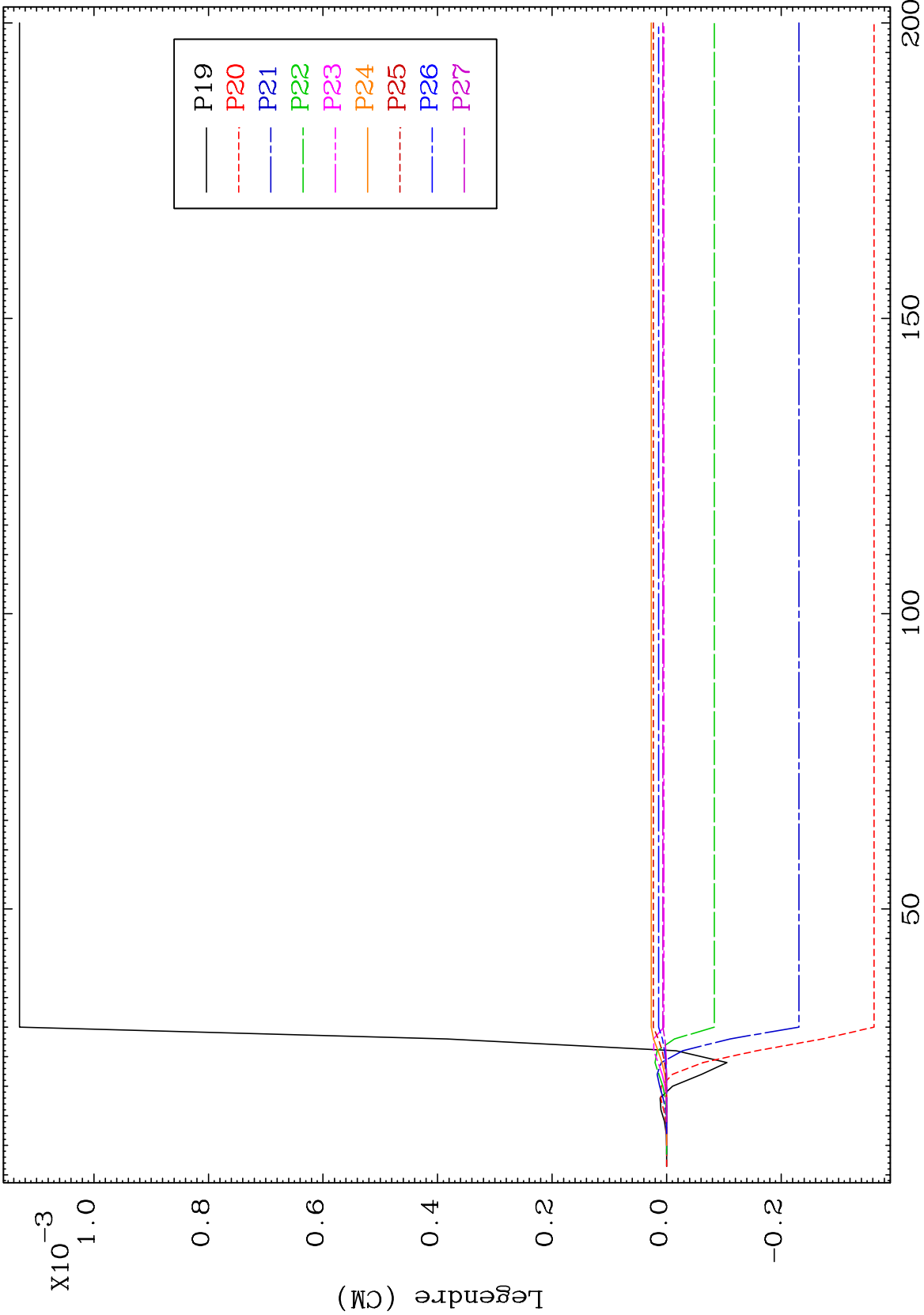
Incident Energy (MeV)

74-W -181

MAT 7428

599.4 keV (n,n') Level  
Legendre Coefficients

74-W -181



70

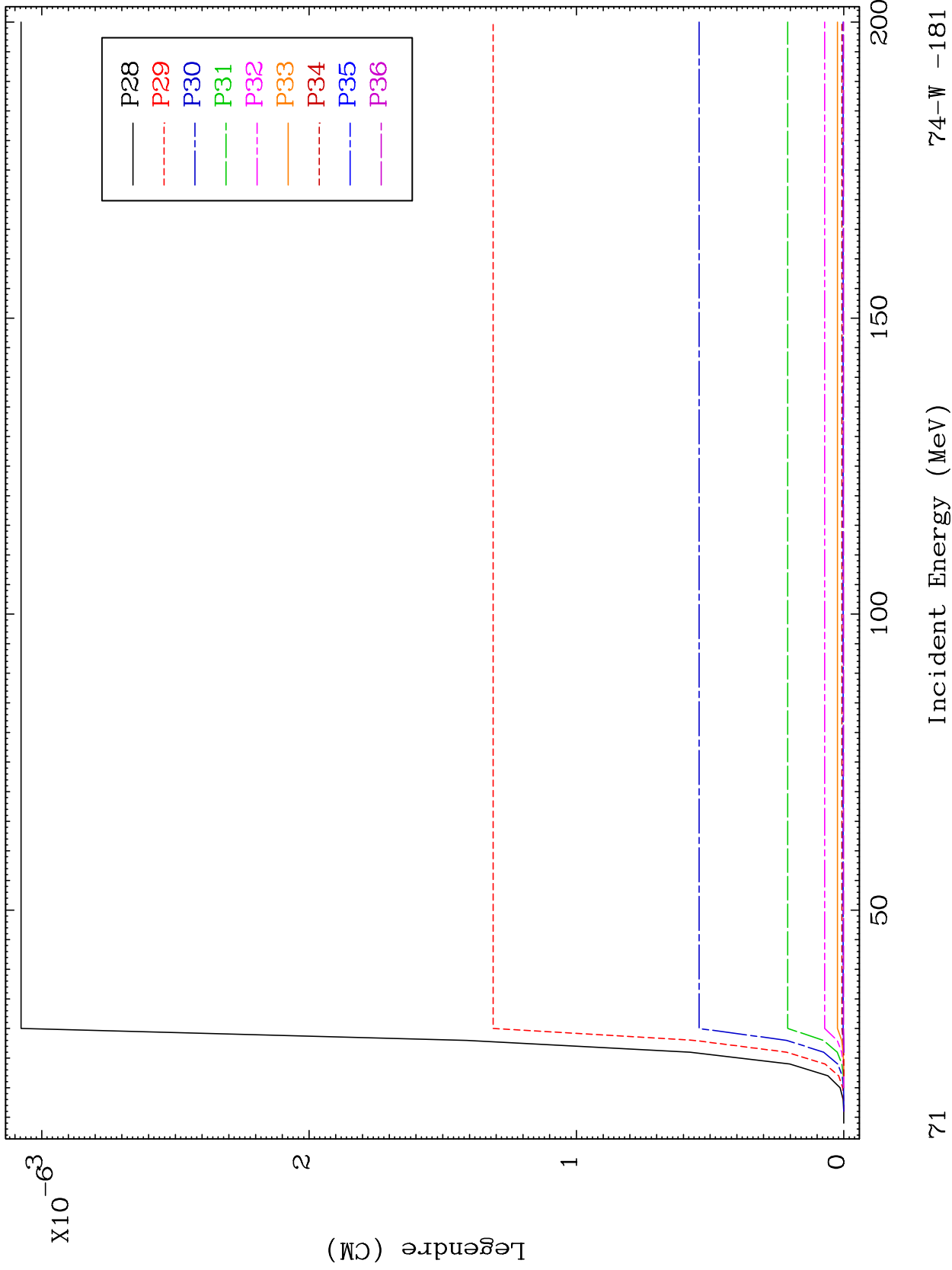
Incident Energy (MeV)

74-W -181

MAT 7428

599.4 keV (n,n') Level  
Legendre Coefficients

74-W -181



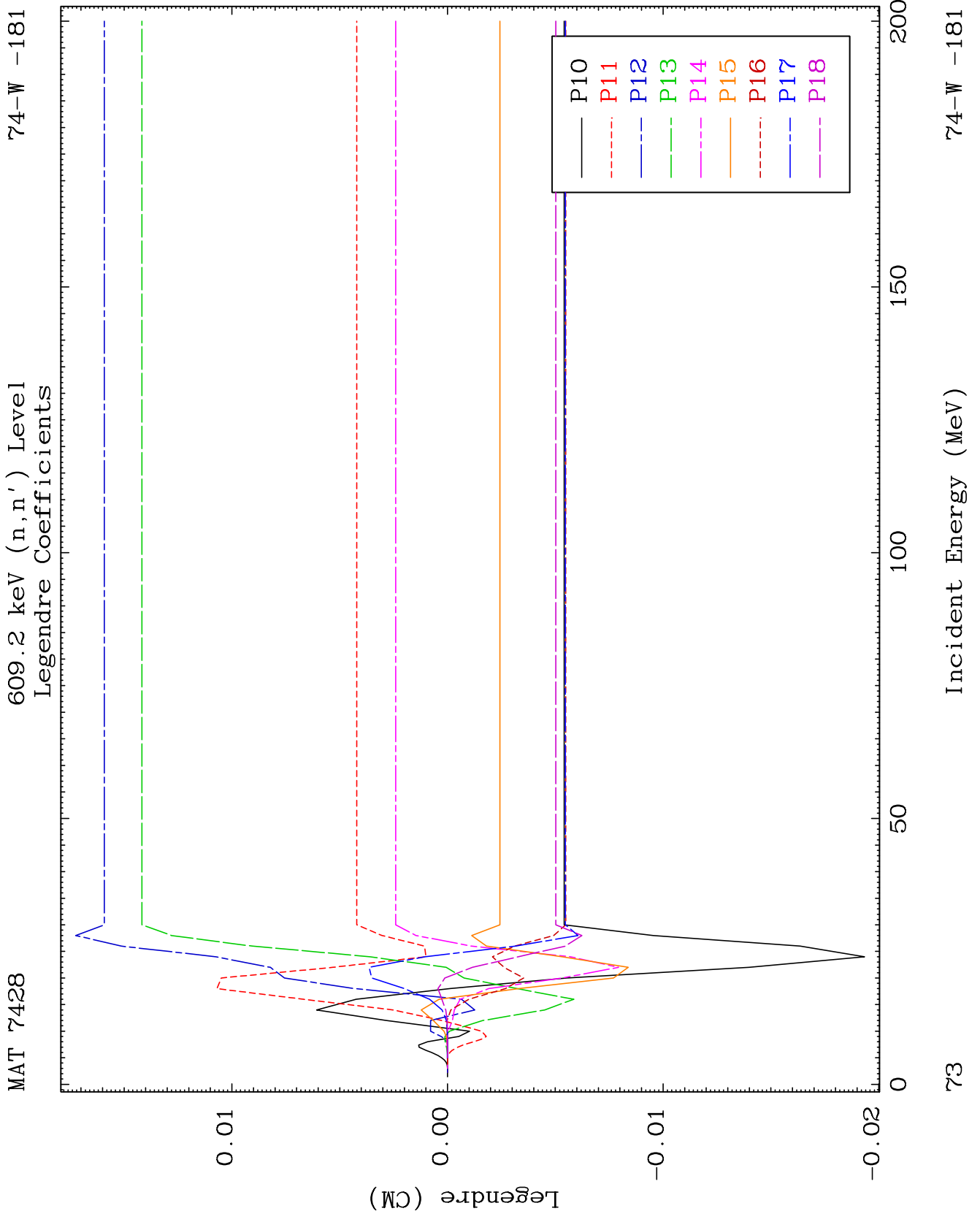
71

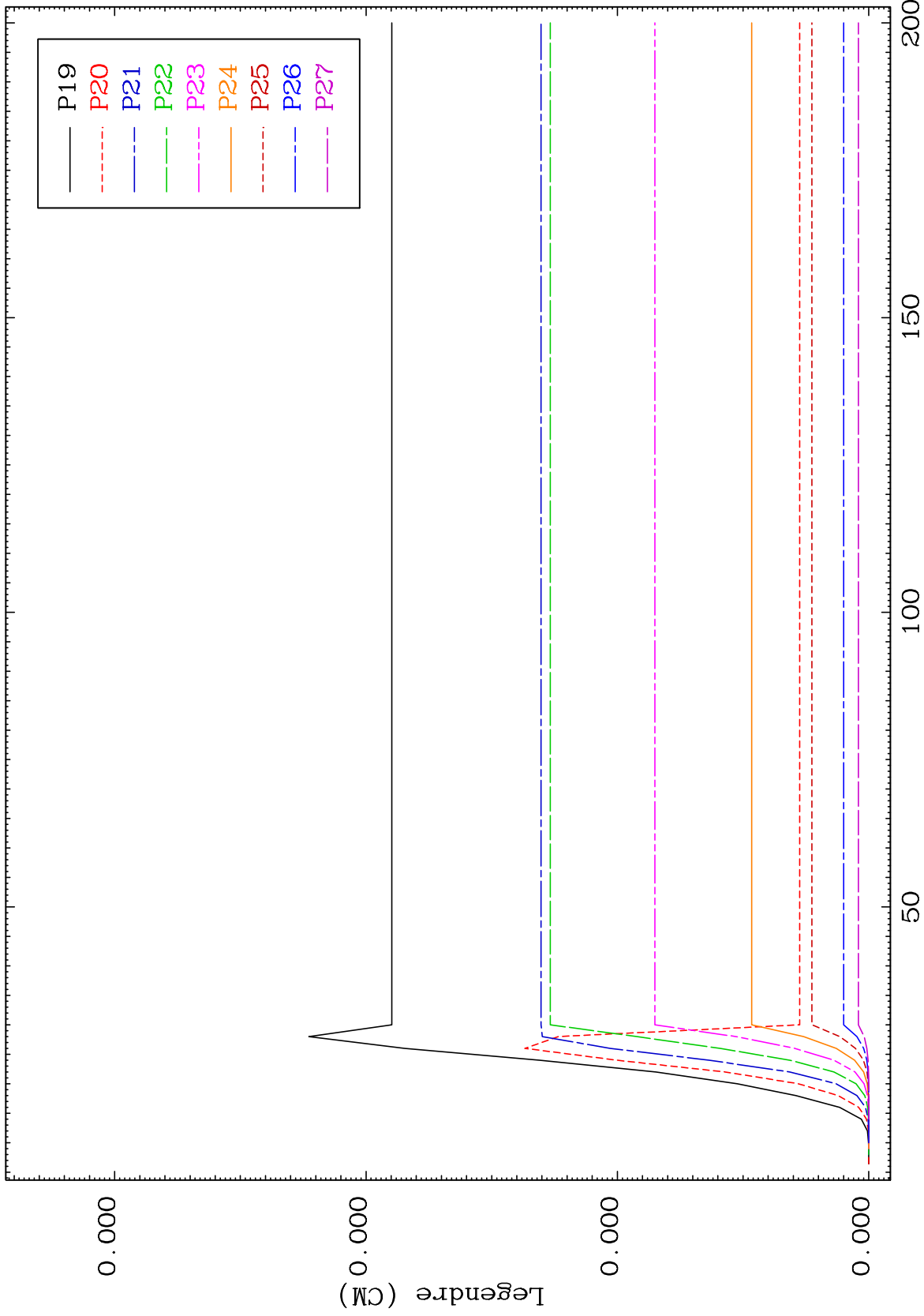
Incident Energy (MeV)

74-W -181





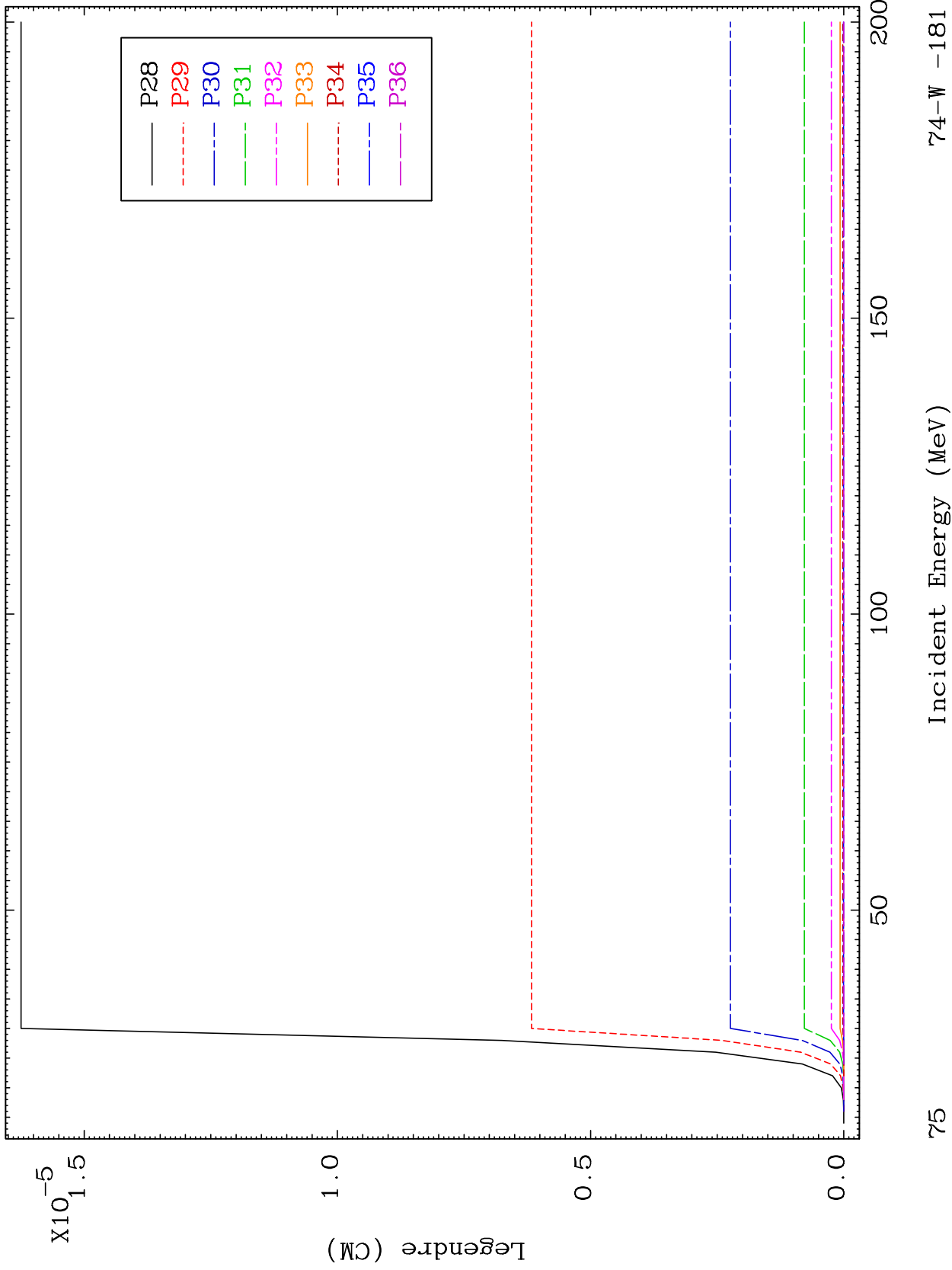




MAT 7428

609.2 keV (n,n') Level  
Legendre Coefficients

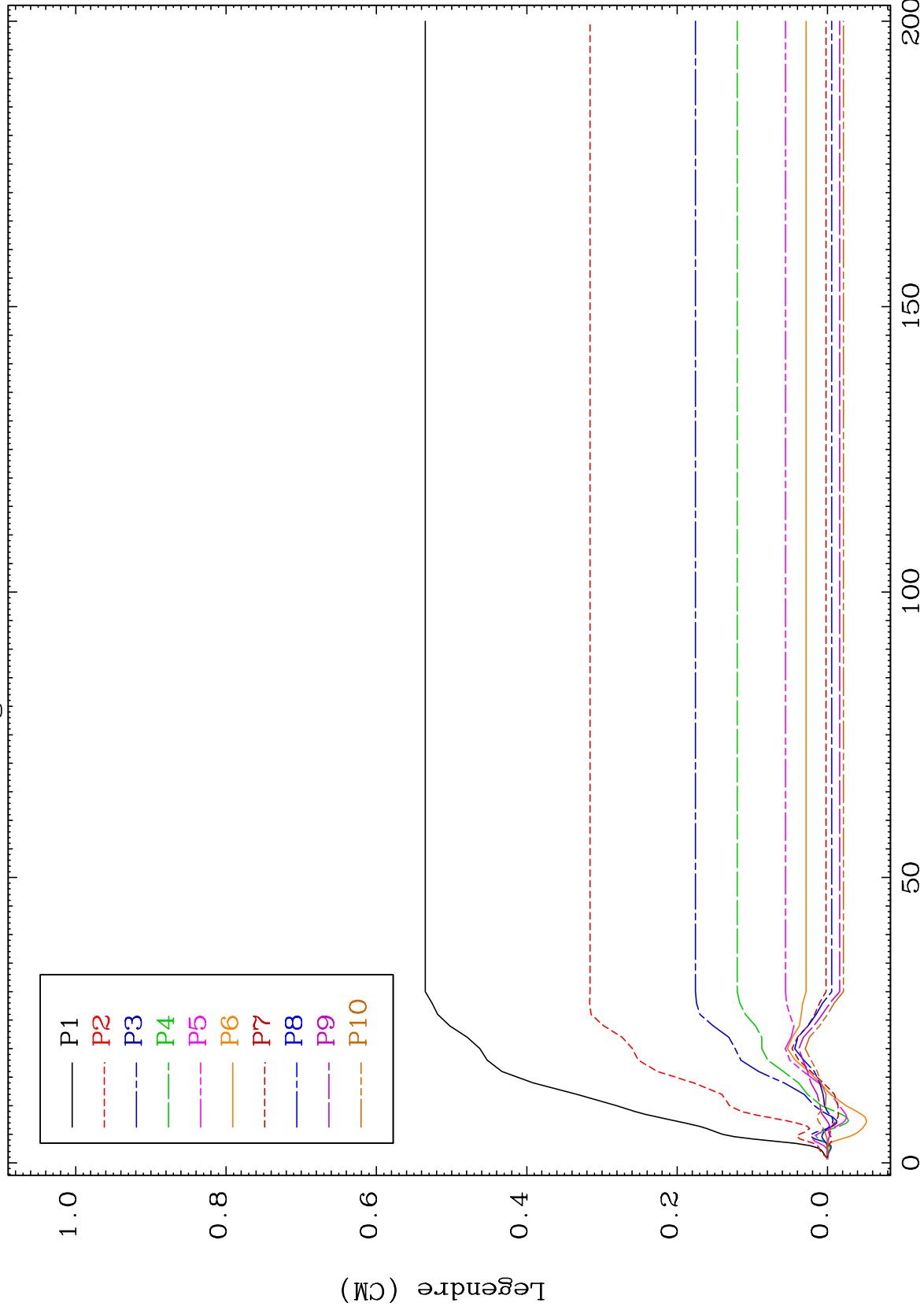
74-W -181



MAT 7428

643.0 keV (n,n') Level  
Legendre Coefficients

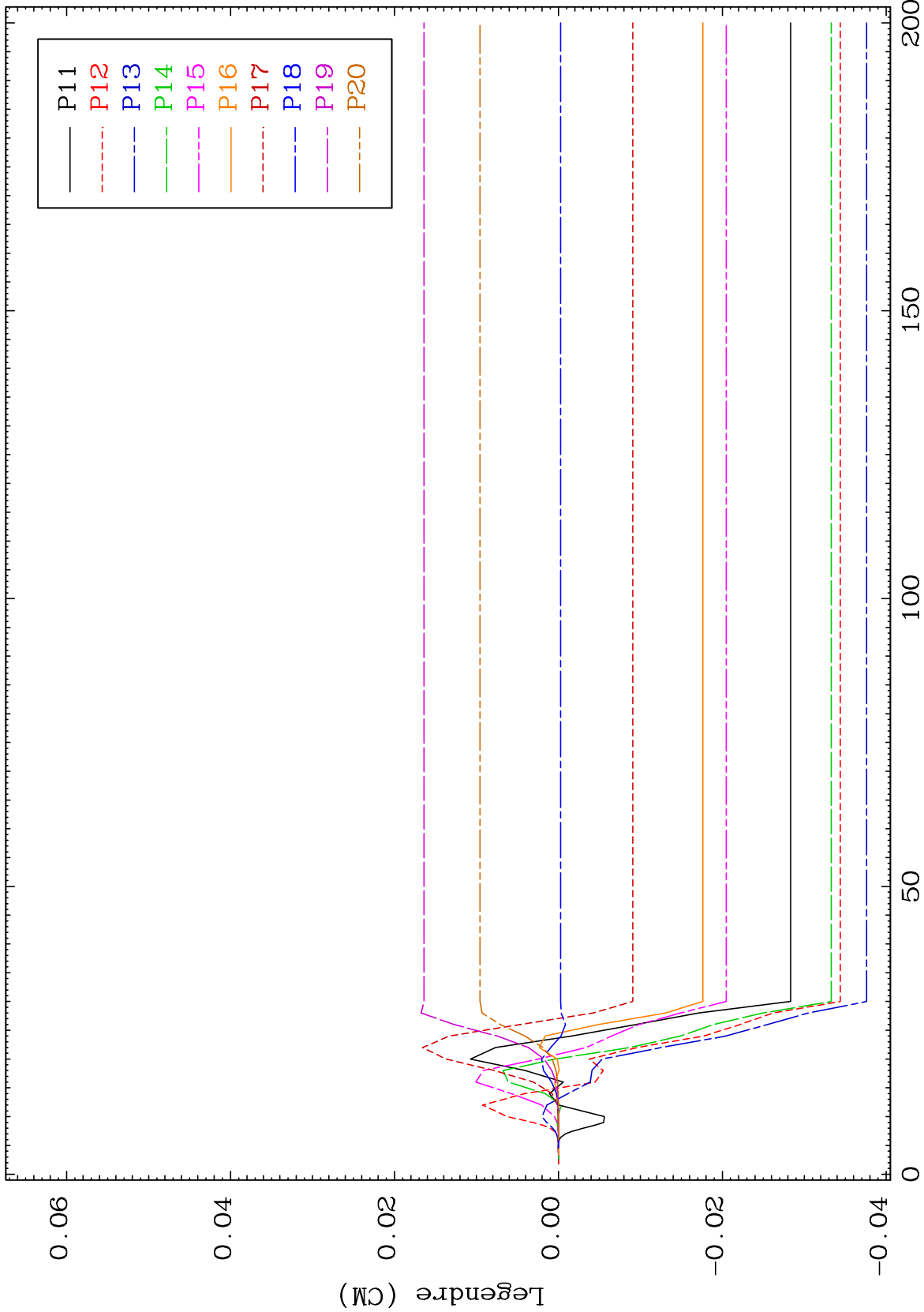
74-W -181



76

Incident Energy (MeV)

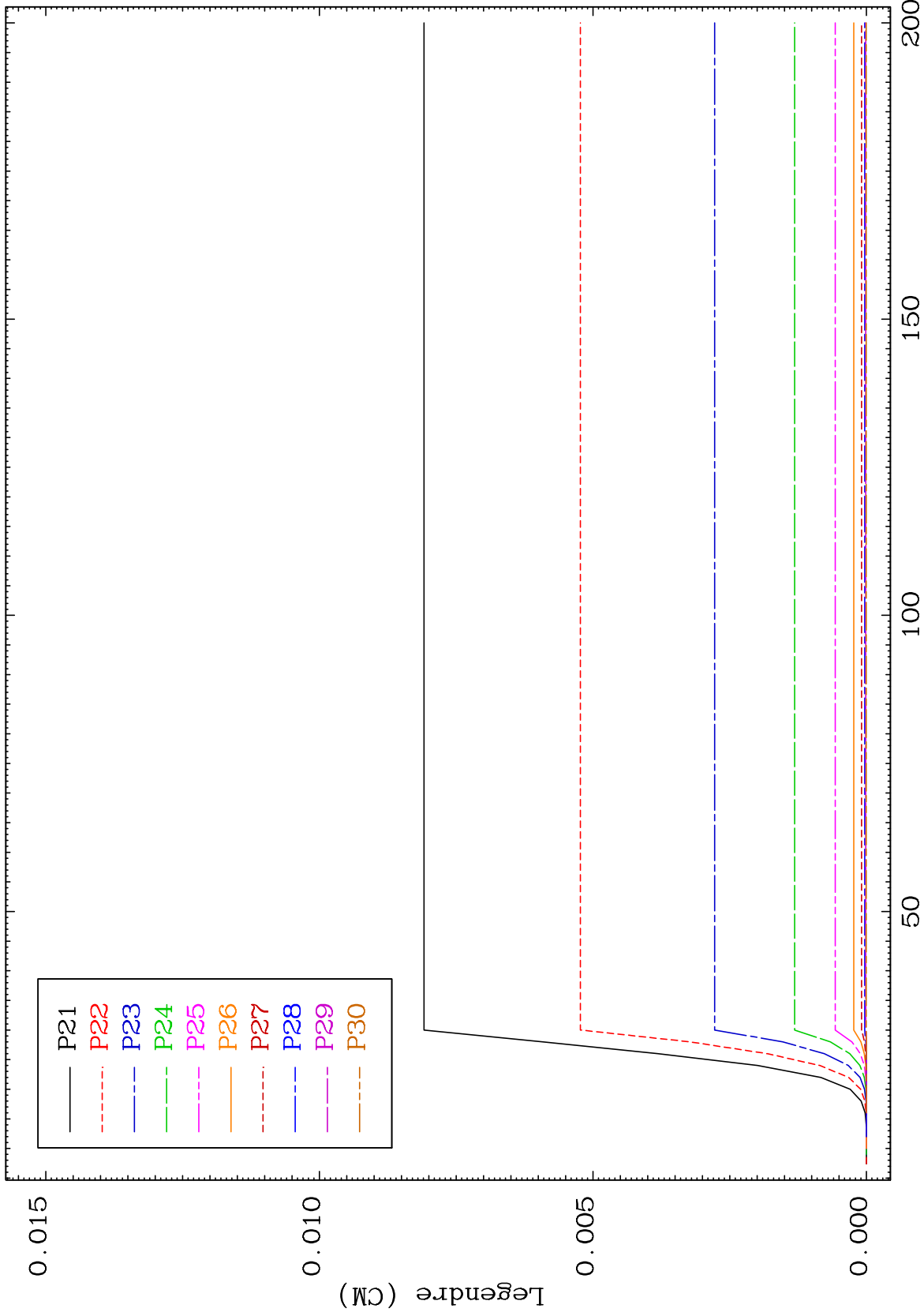
74-W -181



MAT 7428

643.0 keV (n,n') Level  
Legendre Coefficients

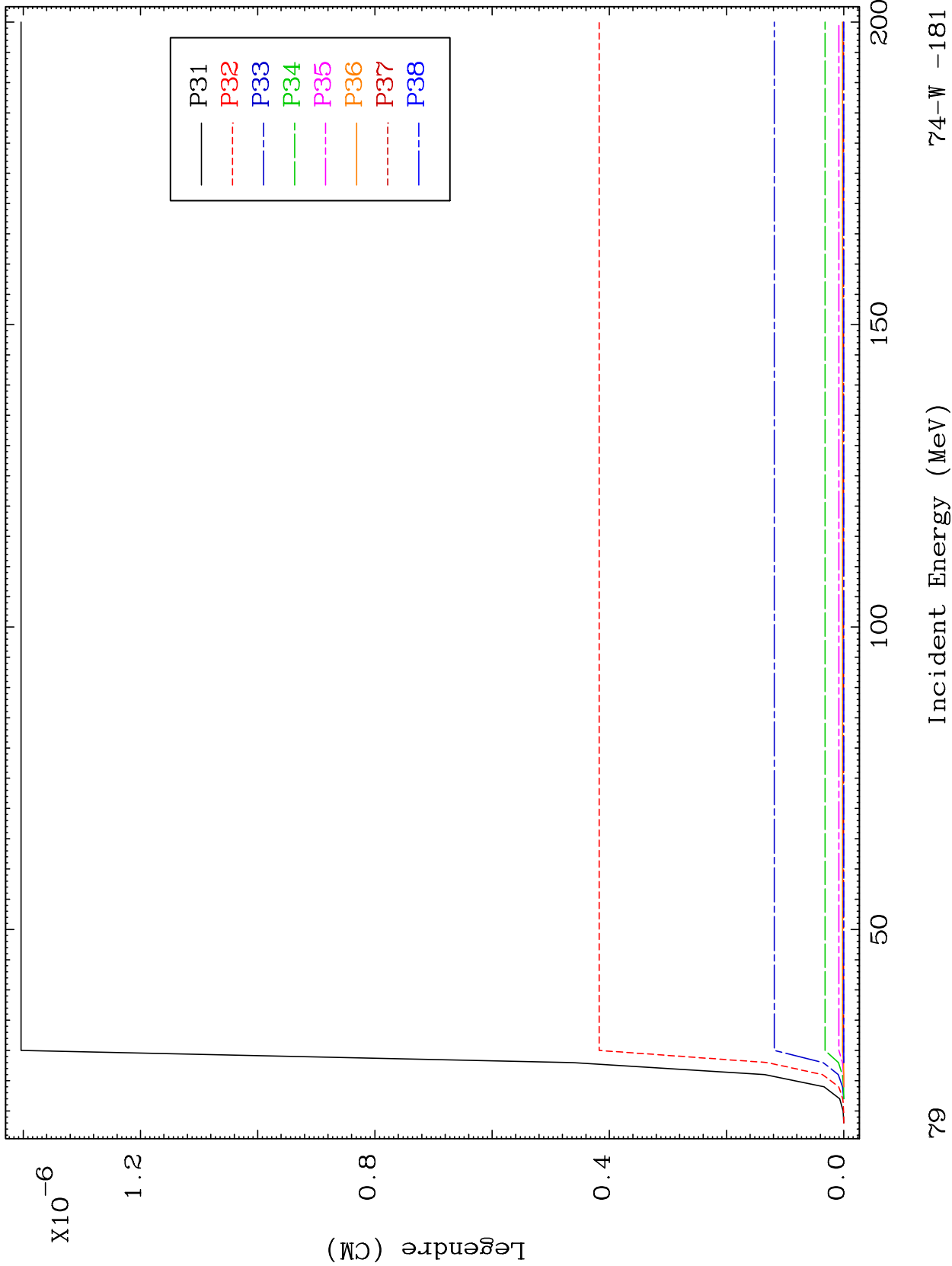
74-W -181



78

Incident Energy (MeV)

74-W -181

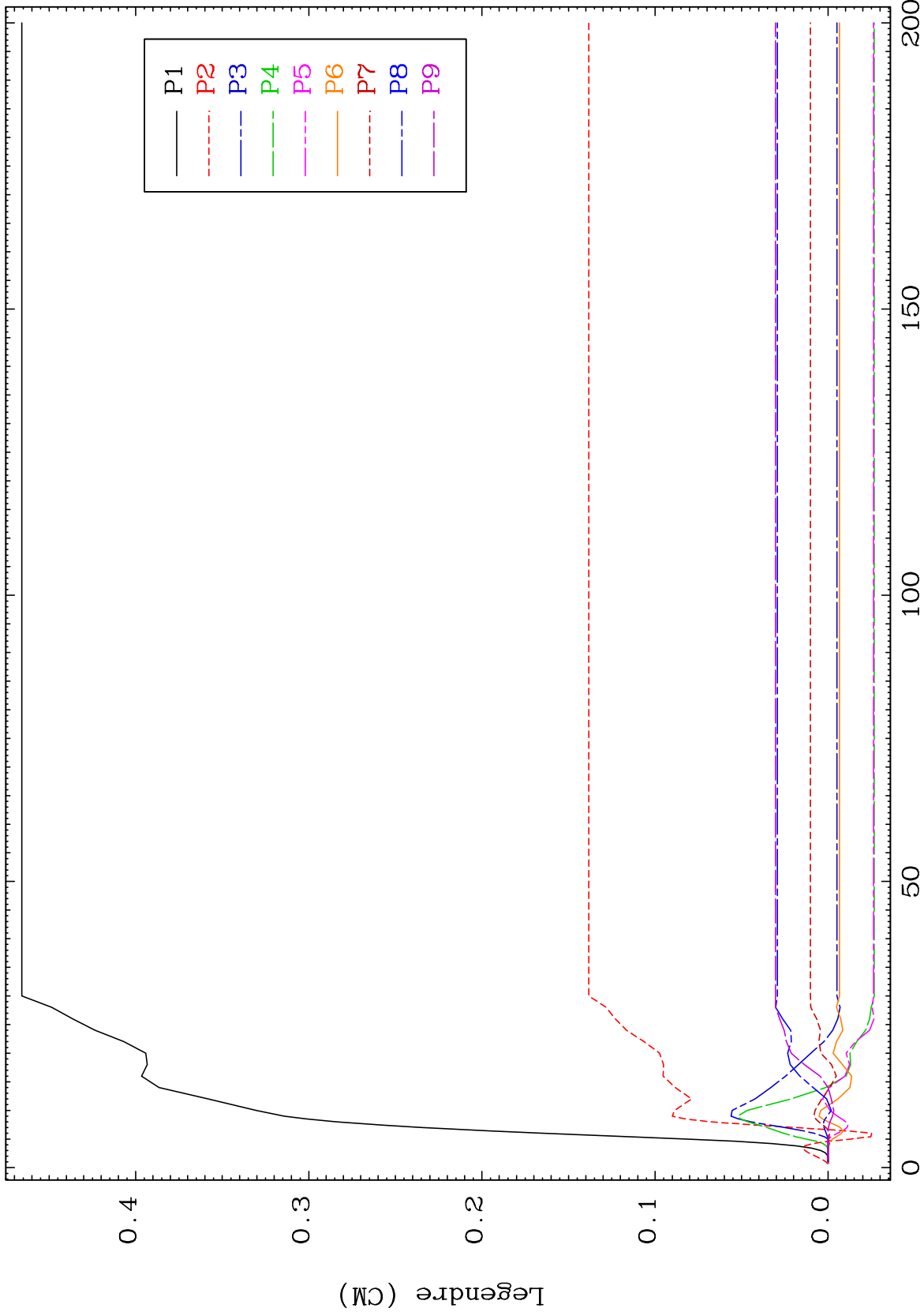




MAT 7428

661.7 keV (n,n') Level  
Legendre Coefficients

74-W -181



74-W -181

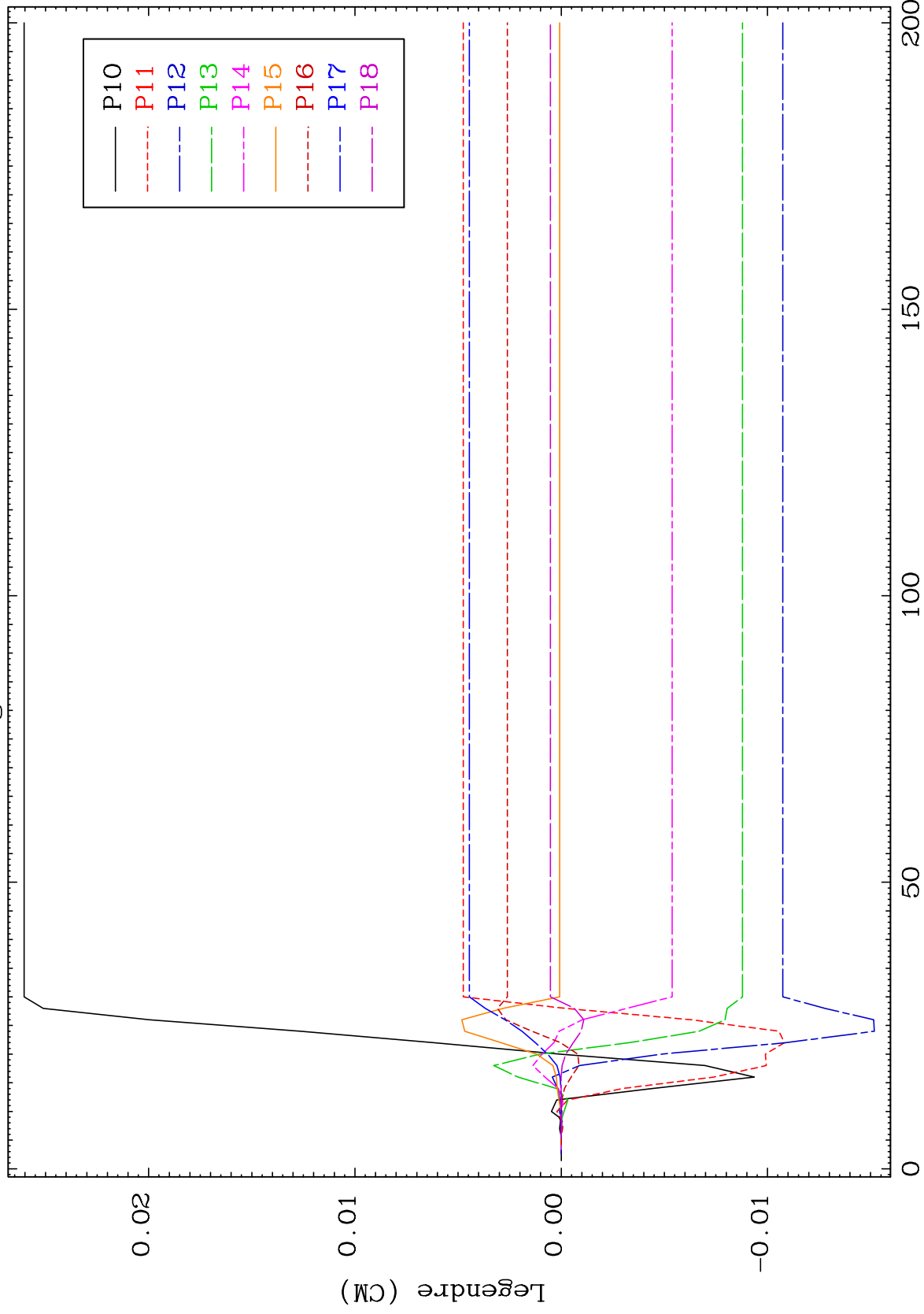
Incident Energy (MeV)

80

MAT 7428

661.7 keV (n,n') Level  
Legendre Coefficients

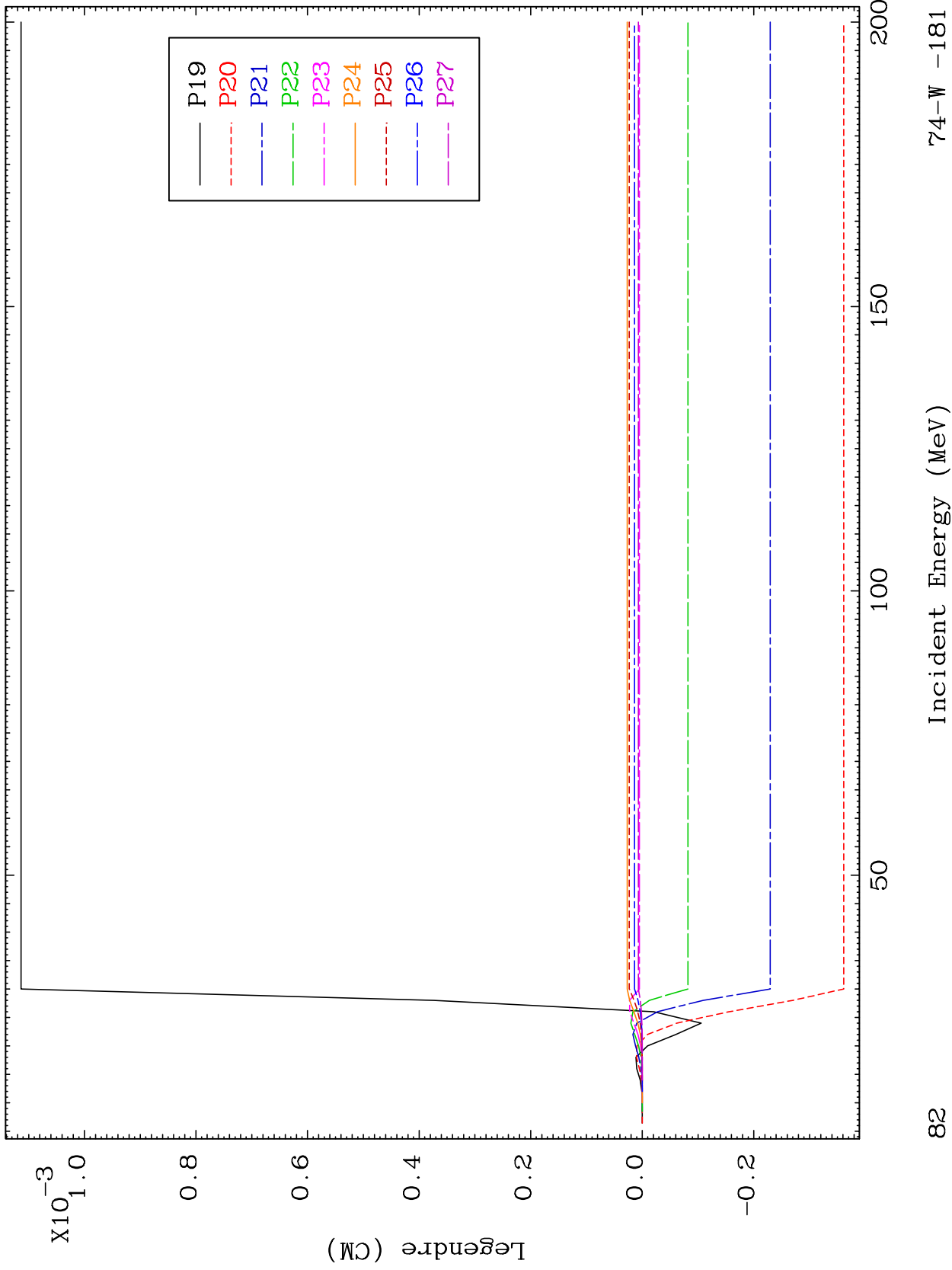
74-W -181

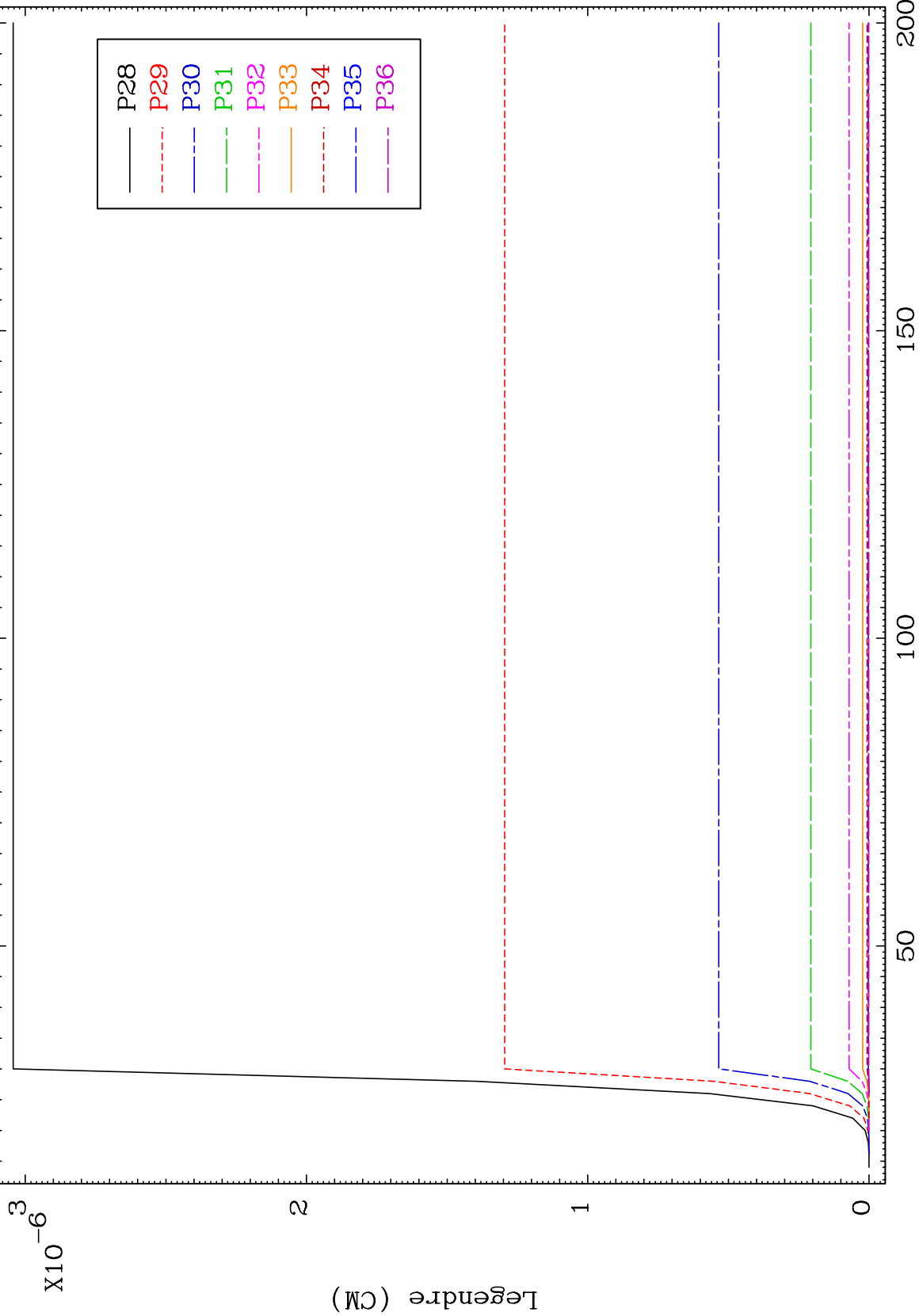


81

Incident Energy (MeV)

74-W -181

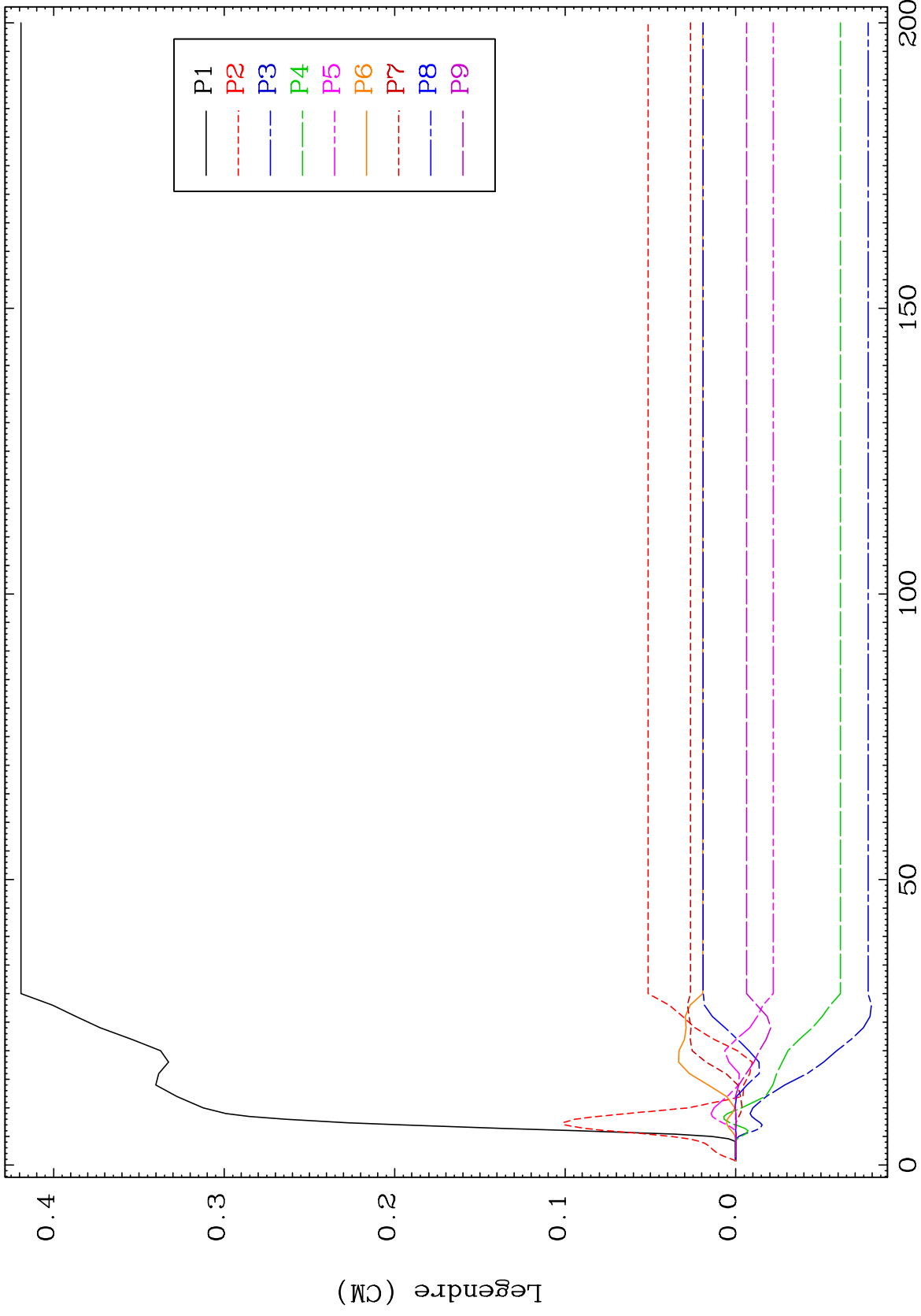




MAT 7428

675.2 keV (n,n') Level  
Legendre Coefficients

74-W -181



84

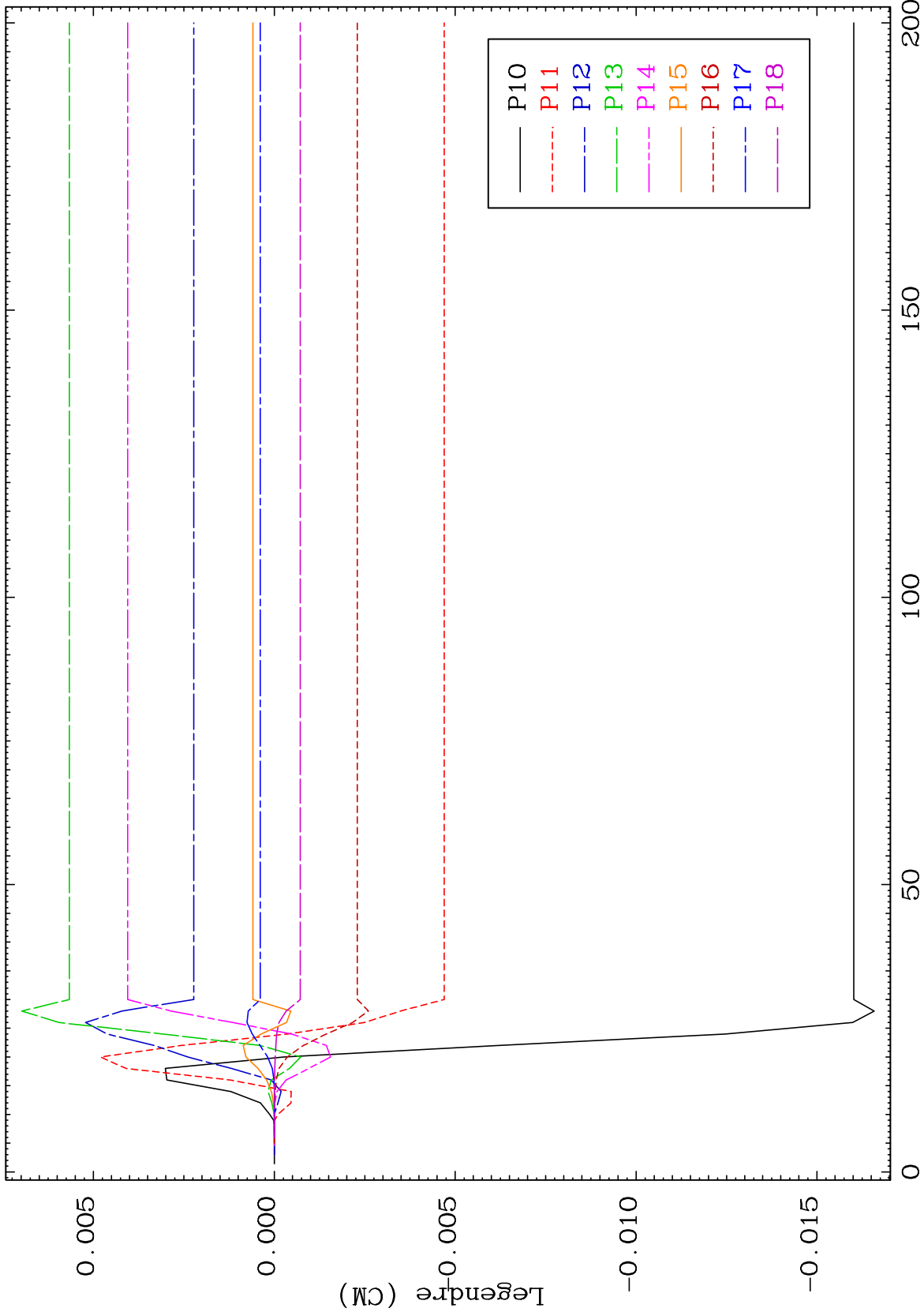
Incident Energy (MeV)

74-W -181

MAT 7428

675.2 keV (n,n') Level  
Legendre Coefficients

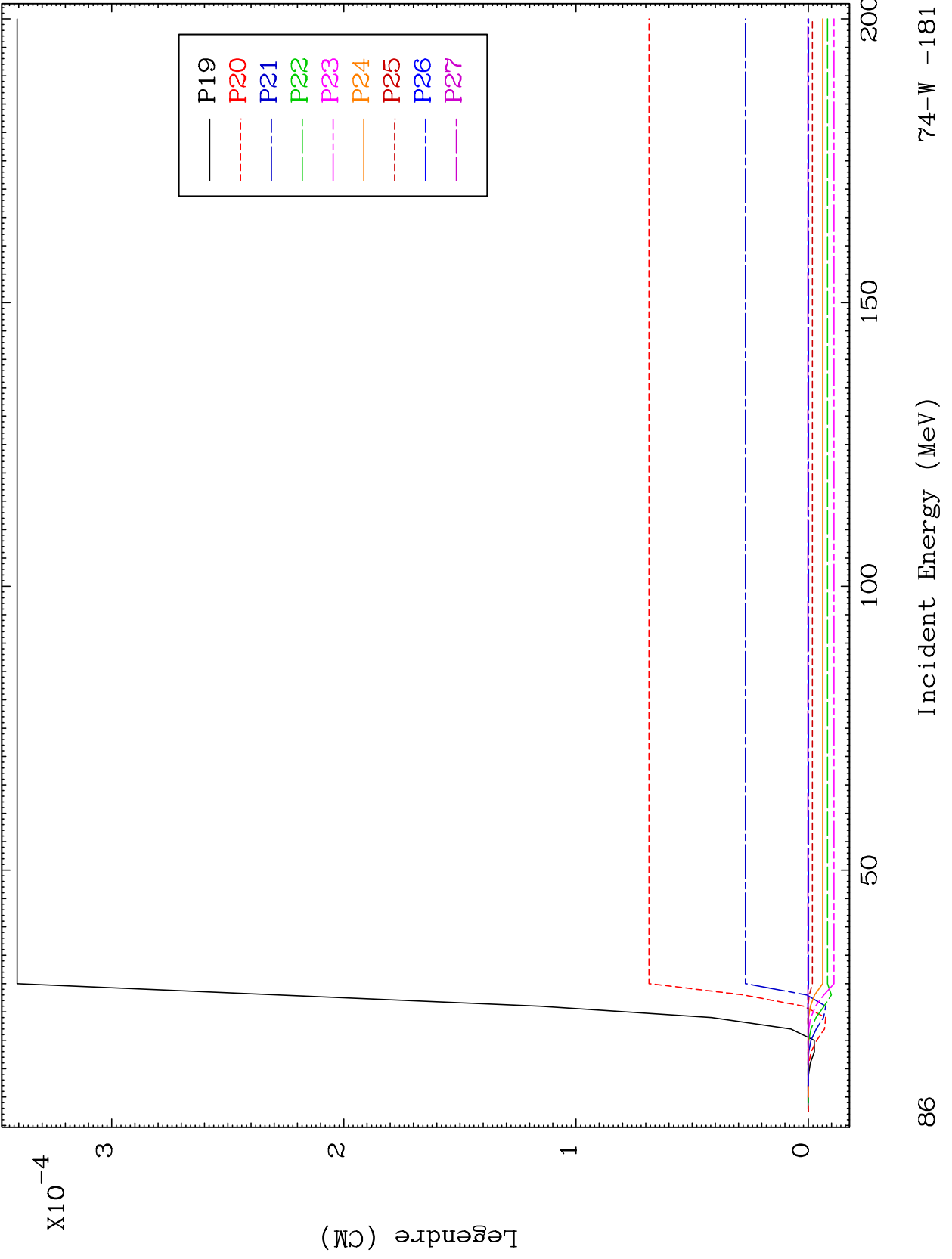
74-W -181



85

Incident Energy (MeV)

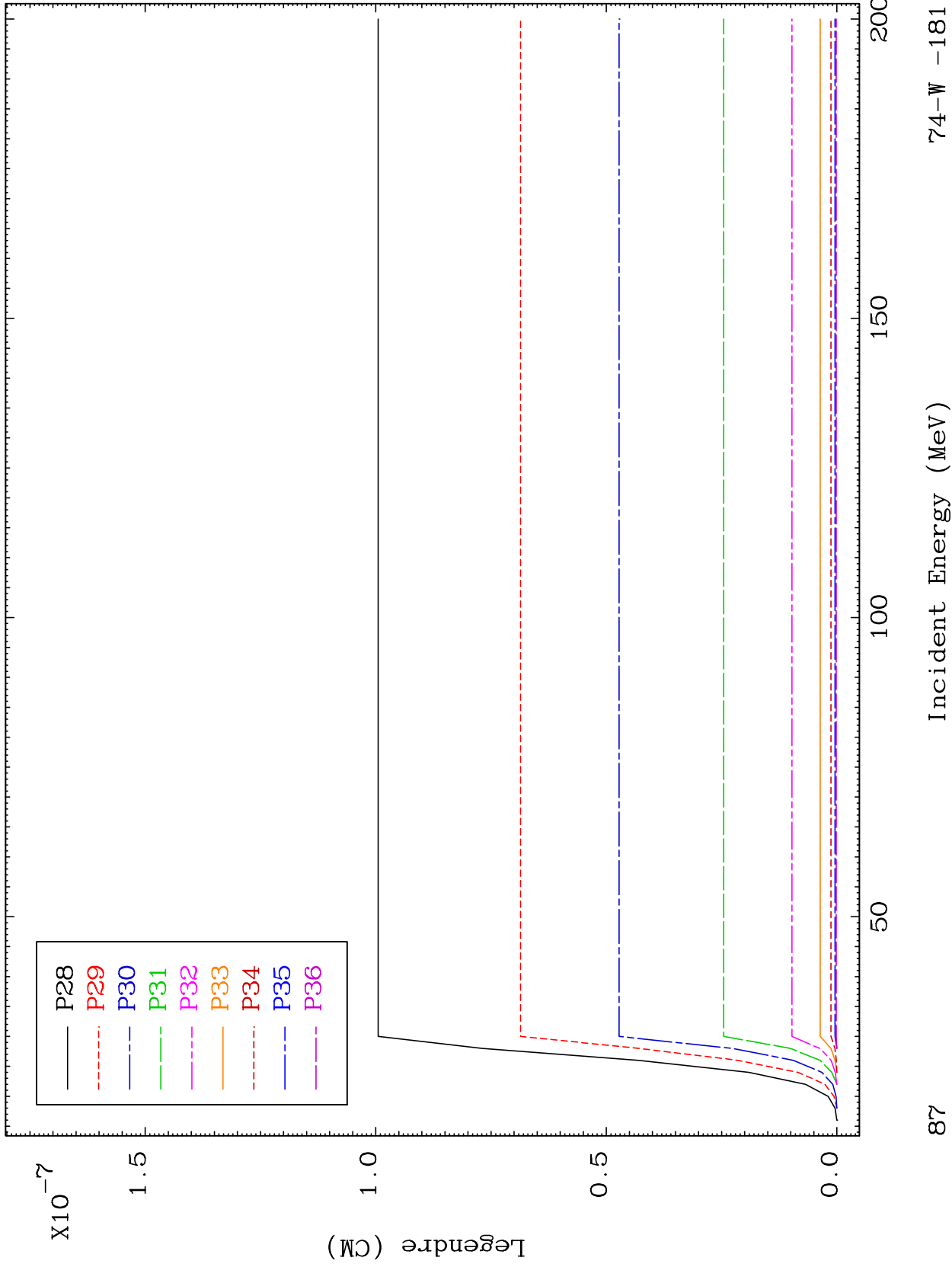
74-W -181



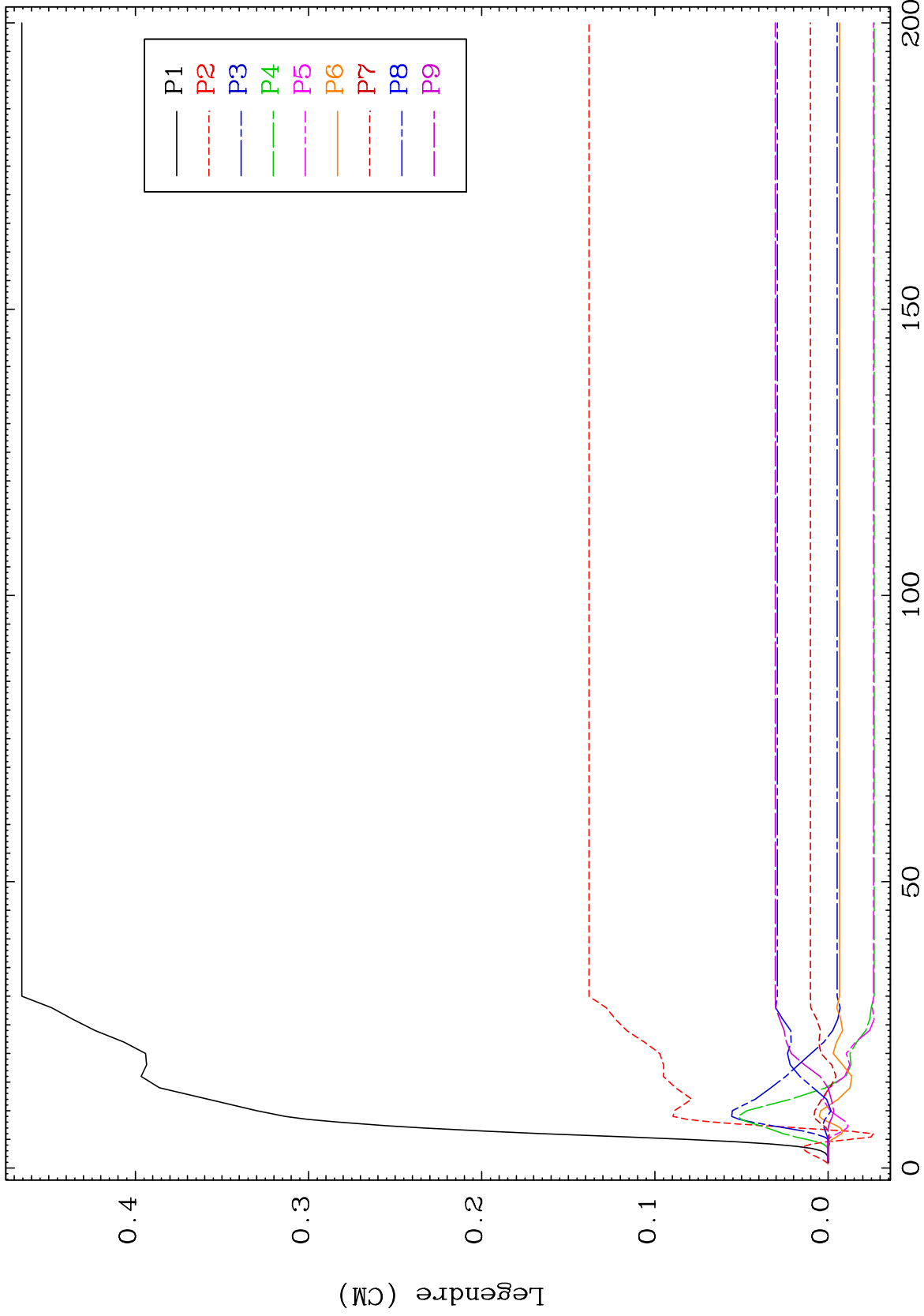
MAT 7428

675.2 keV (n,n') Level  
Legendre Coefficients

74-W -181



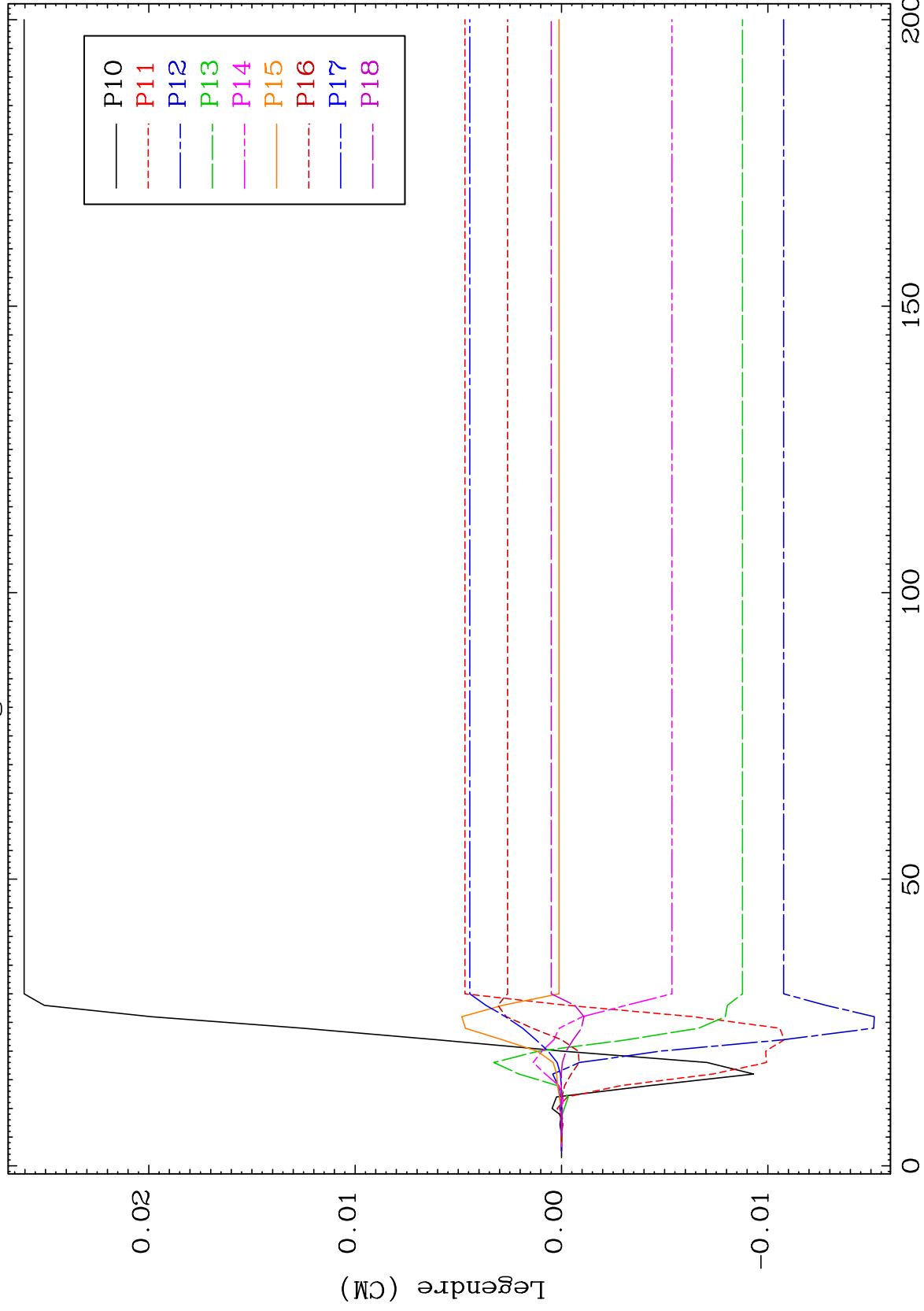




MAT 7428

715.0 keV (n,n') Level  
Legendre Coefficients

74-W -181



89

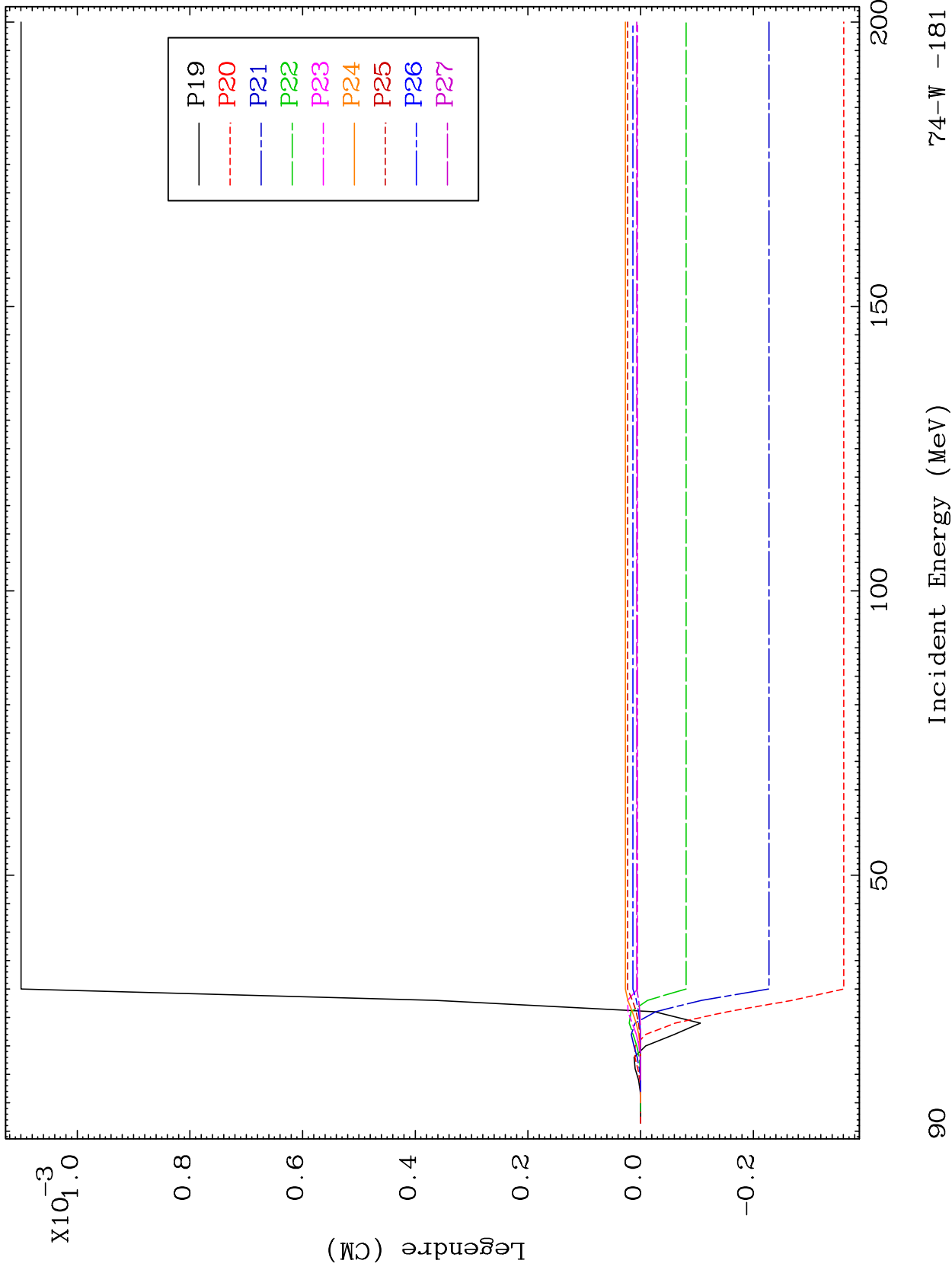
Incident Energy (MeV)

74-W -181

MAT 7428

715.0 keV (n,n') Level  
Legendre Coefficients

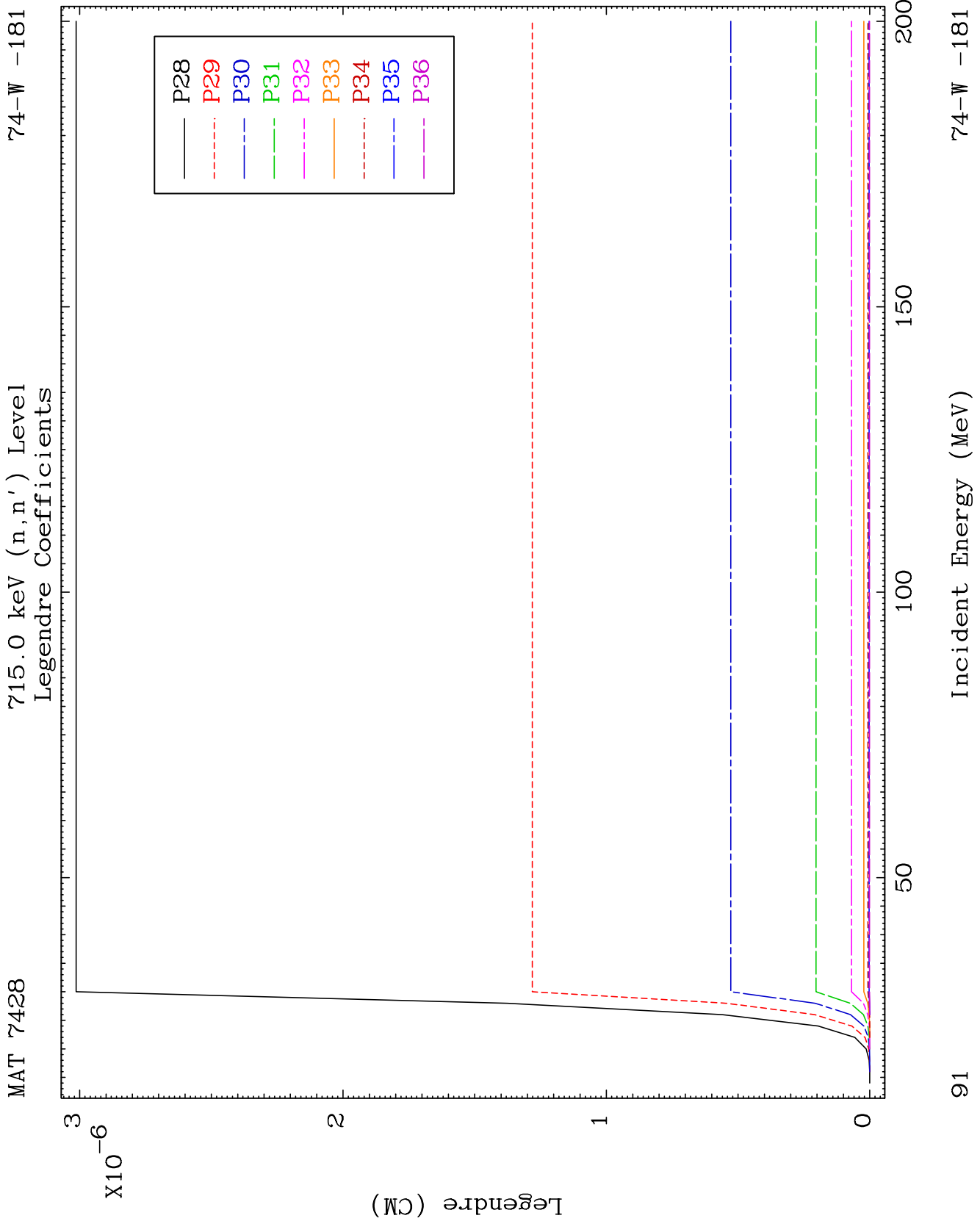
74-W -181



90

Incident Energy (MeV)

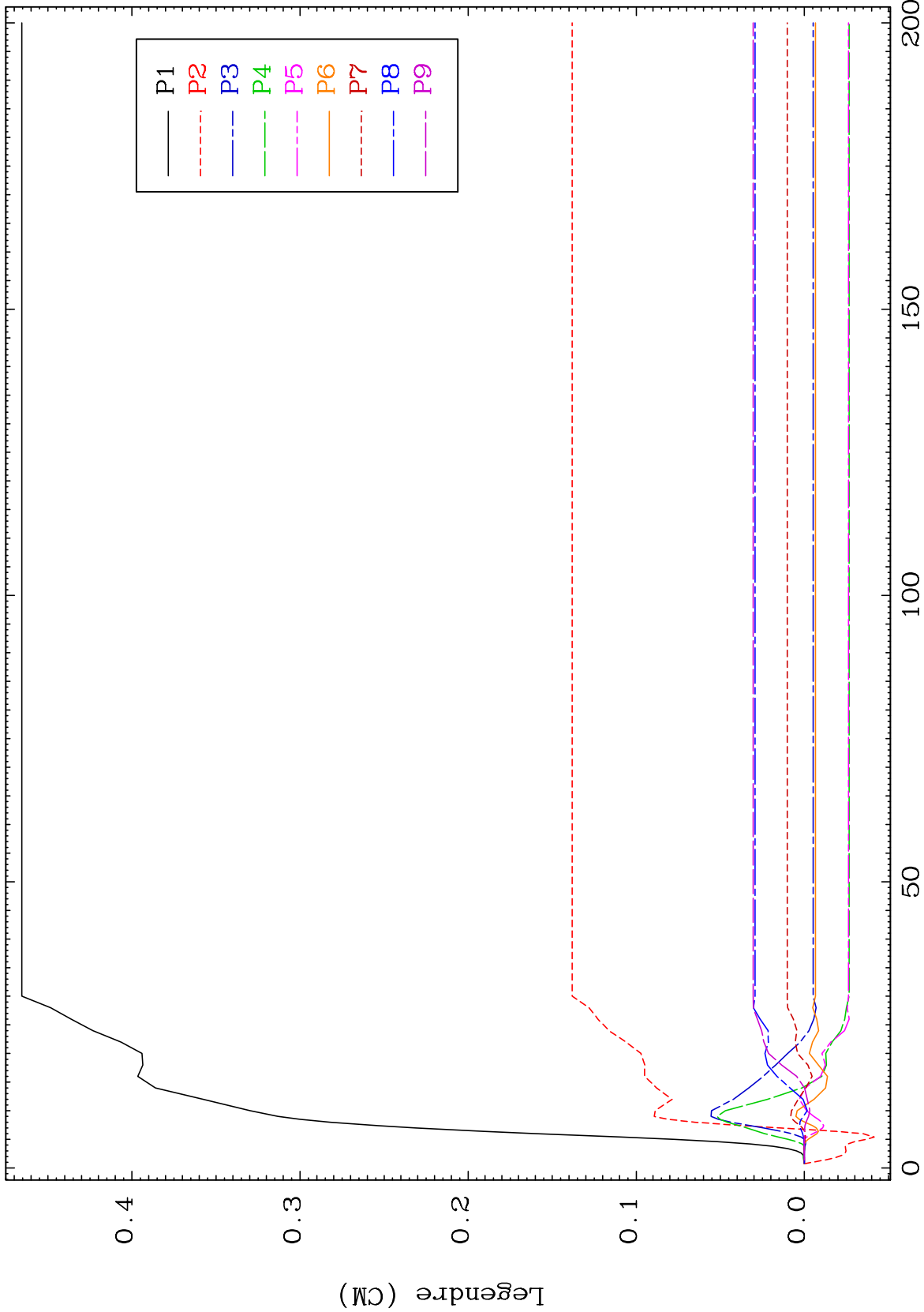
74-W -181



MAT 7428

726.3 keV (n,n') Level  
Legendre Coefficients

74-W -181



92

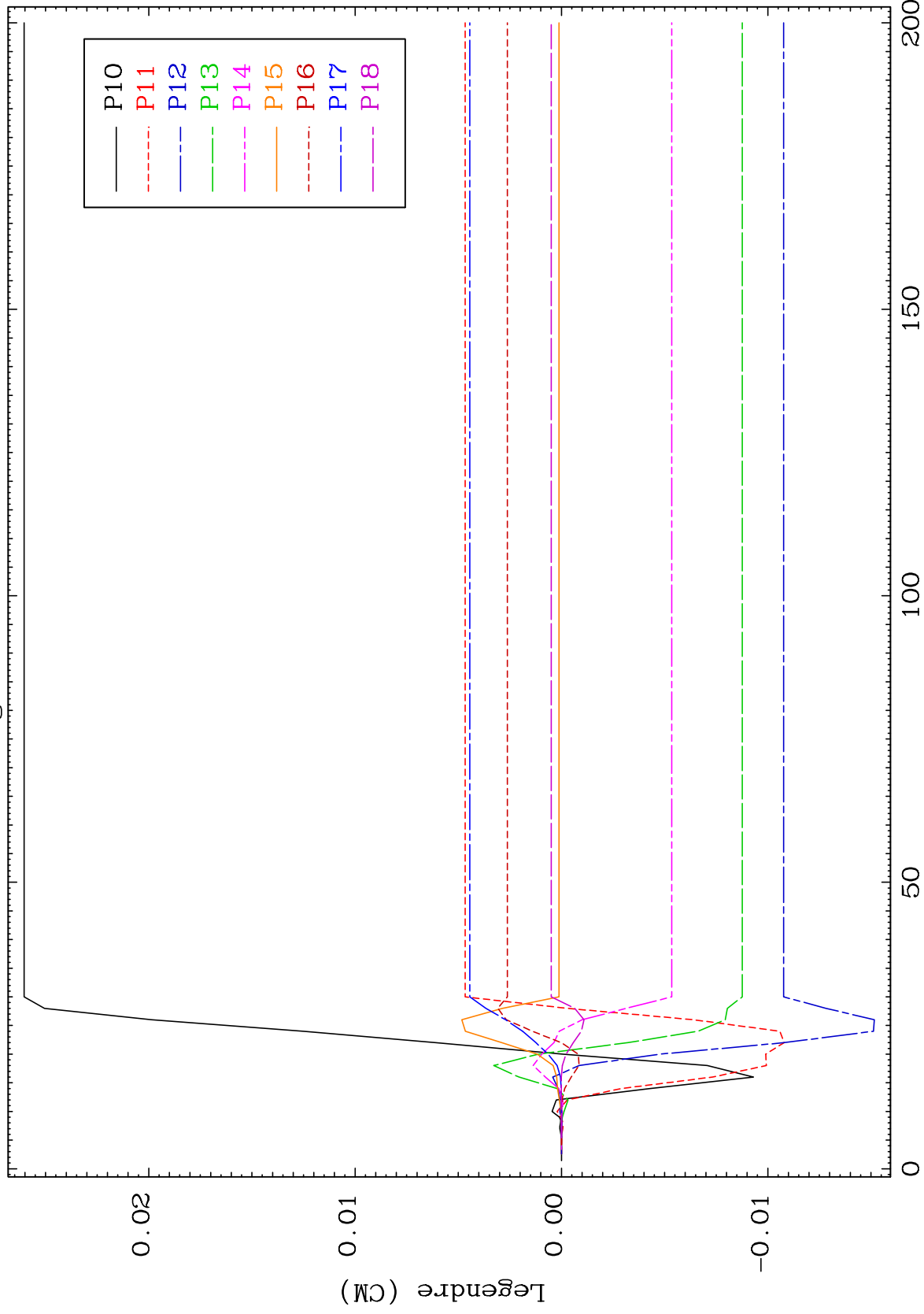
Incident Energy (MeV)

74-W -181

MAT 7428

726.3 keV (n,n') Level  
Legendre Coefficients

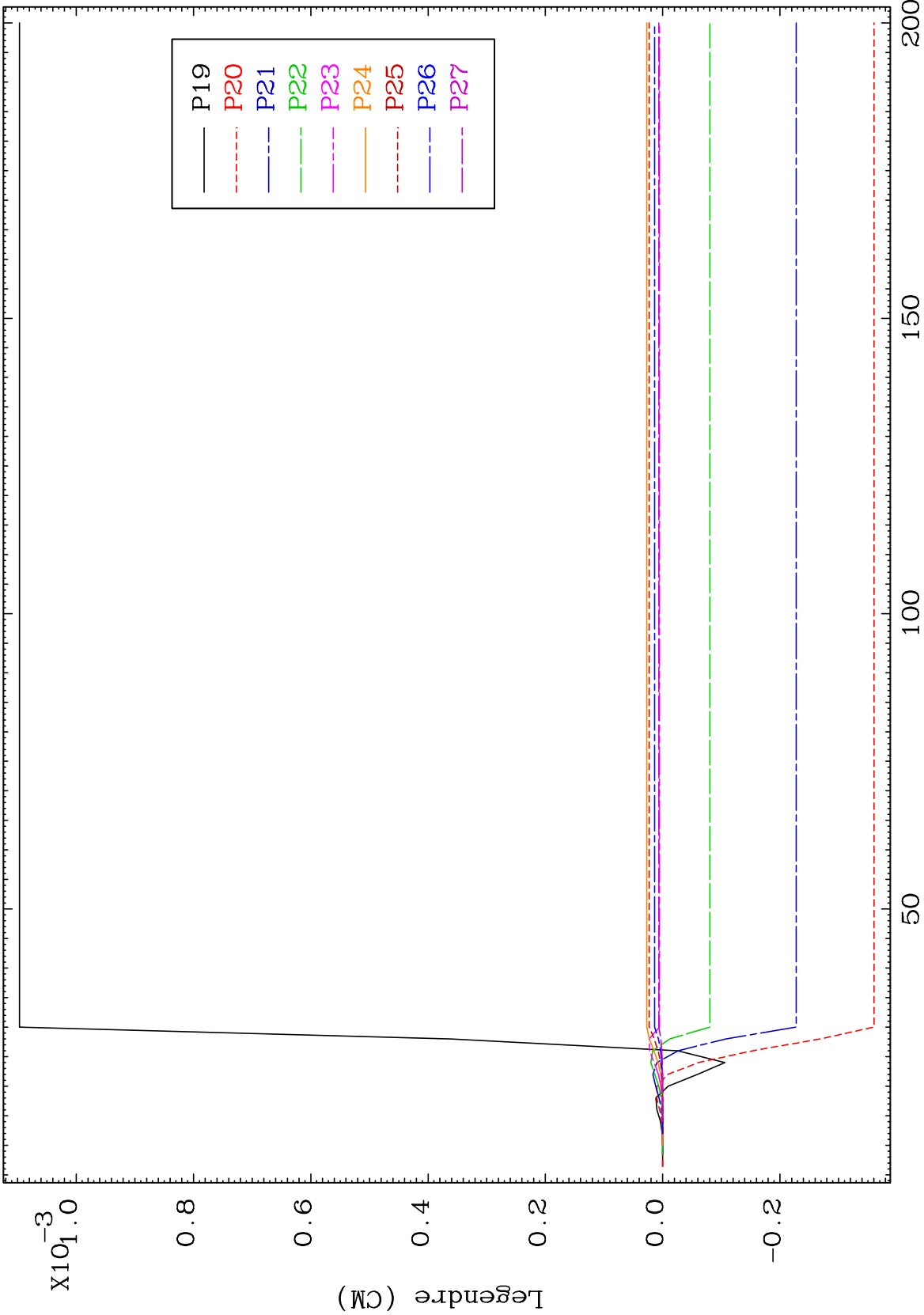
74-W -181



93

Incident Energy (MeV)

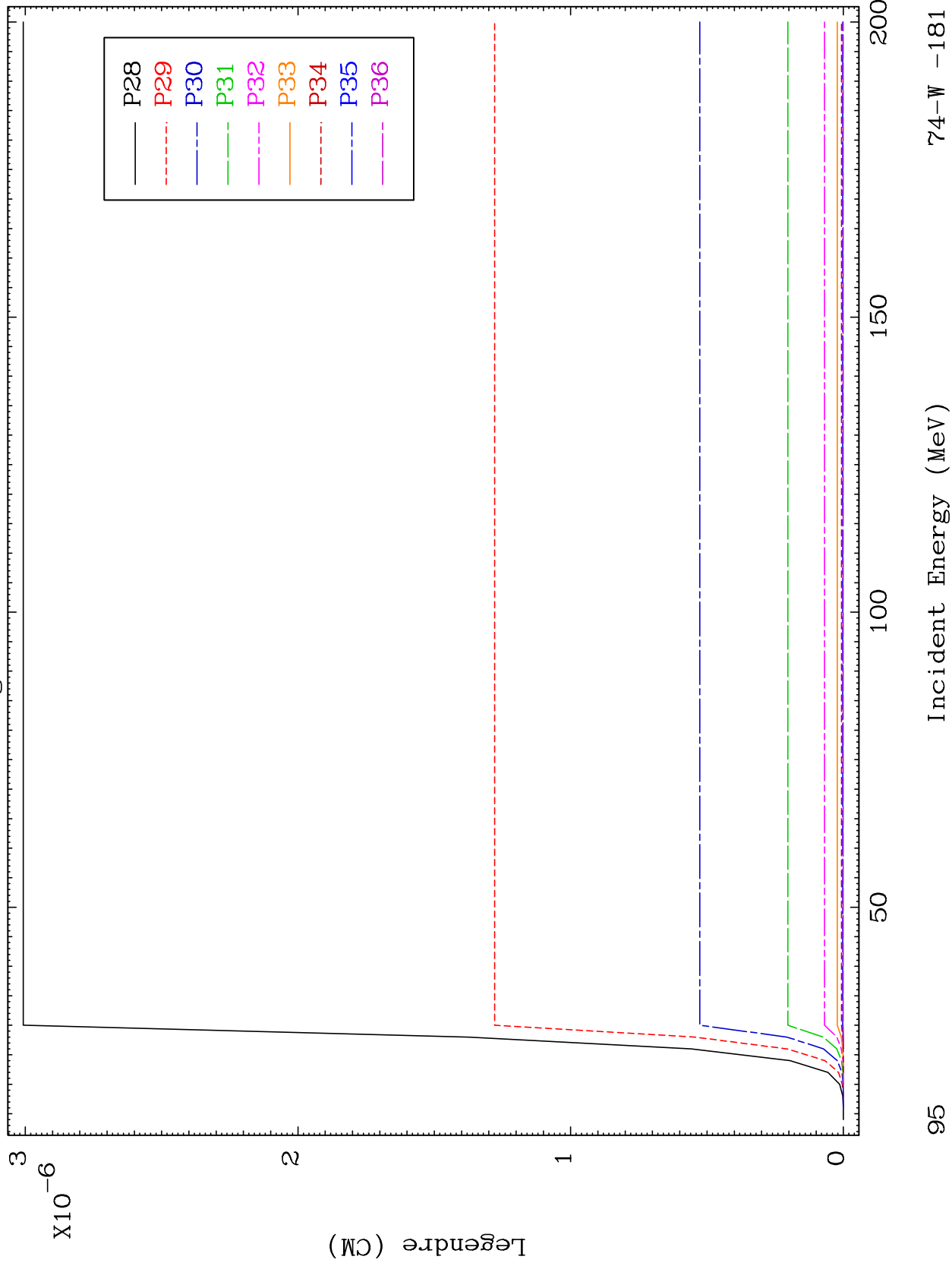
74-W -181



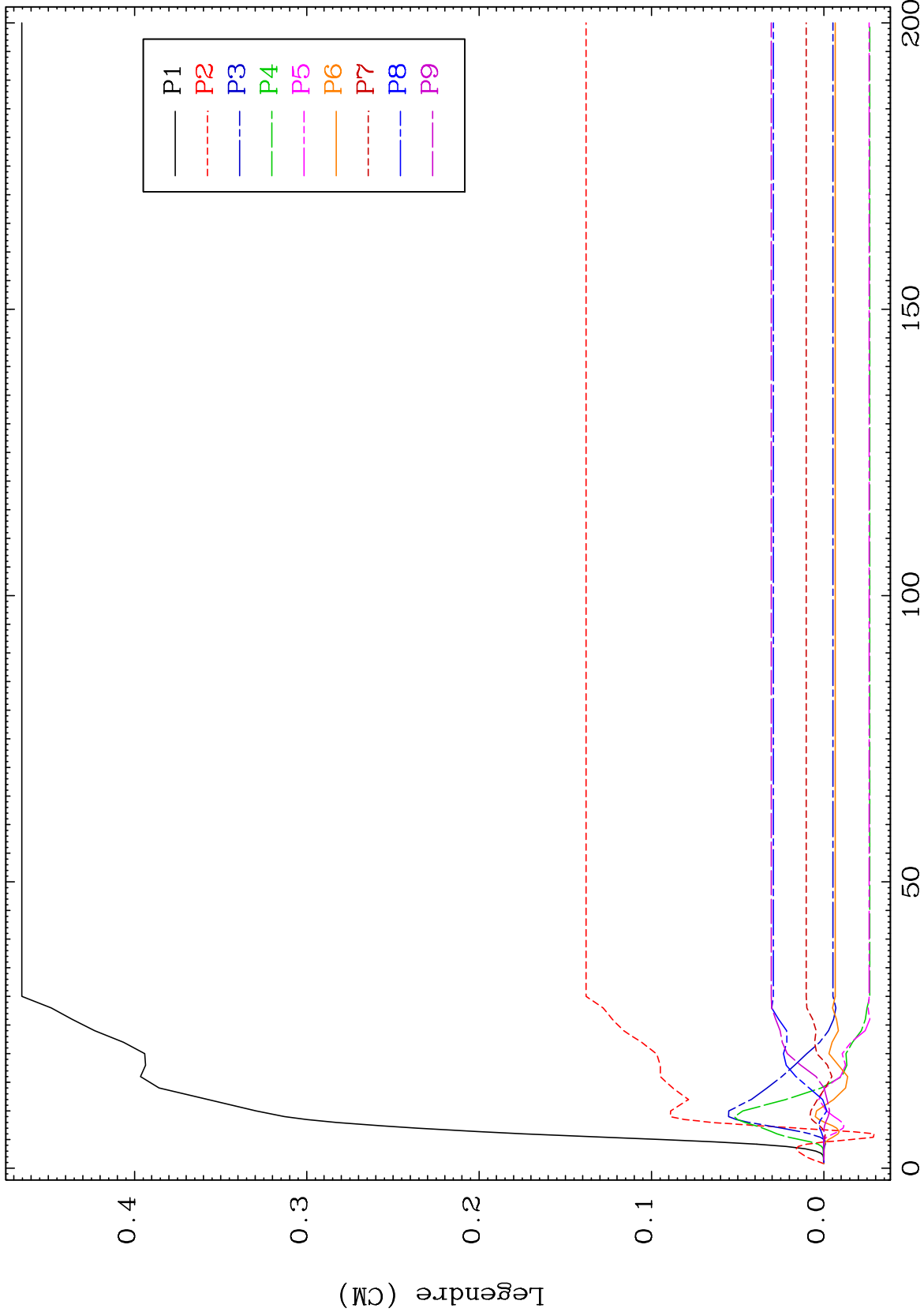
MAT 7428

726.3 keV (n,n') Level  
Legendre Coefficients

74-W -181



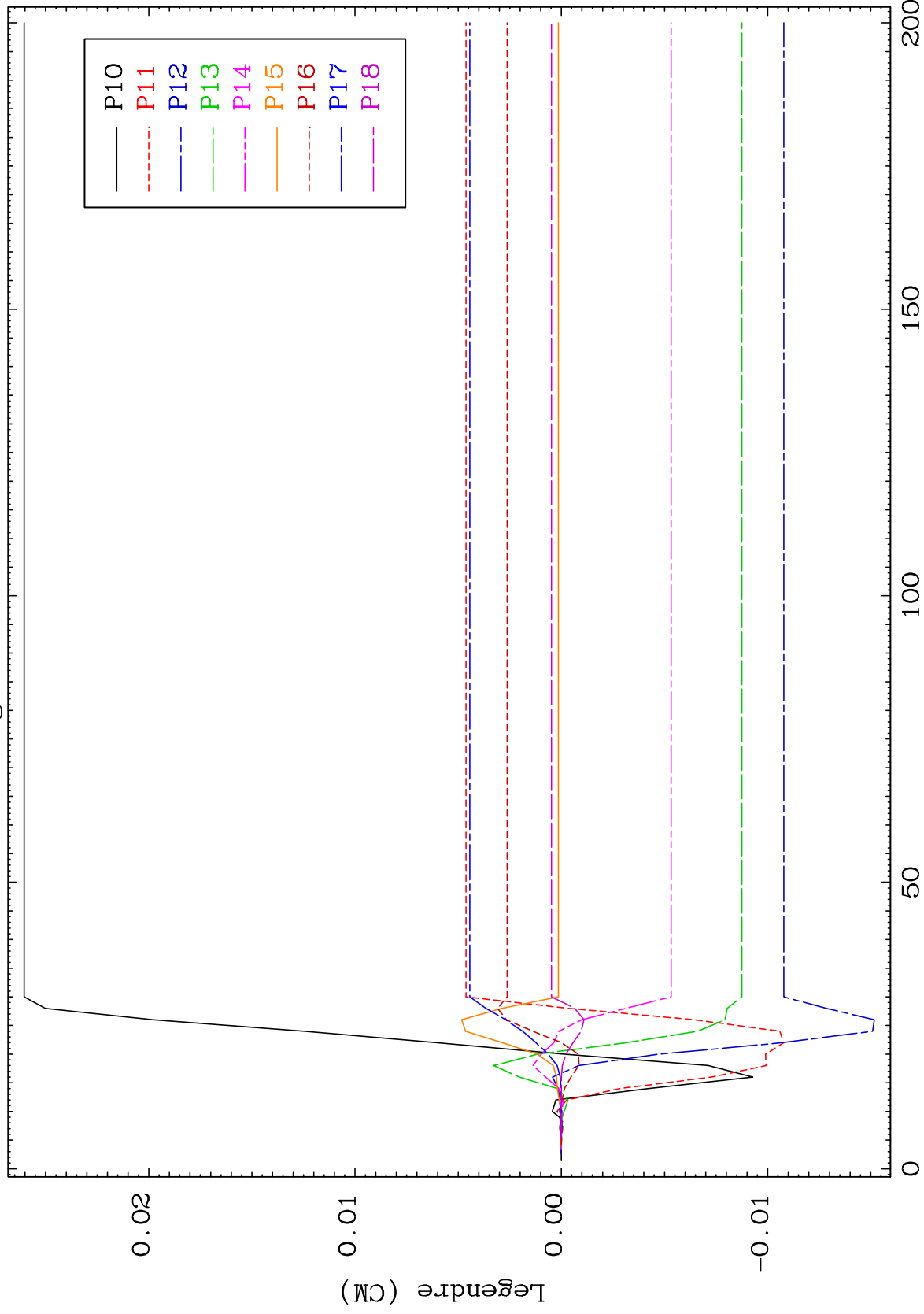




MAT 7428

761.7 keV (n,n') Level  
Legendre Coefficients

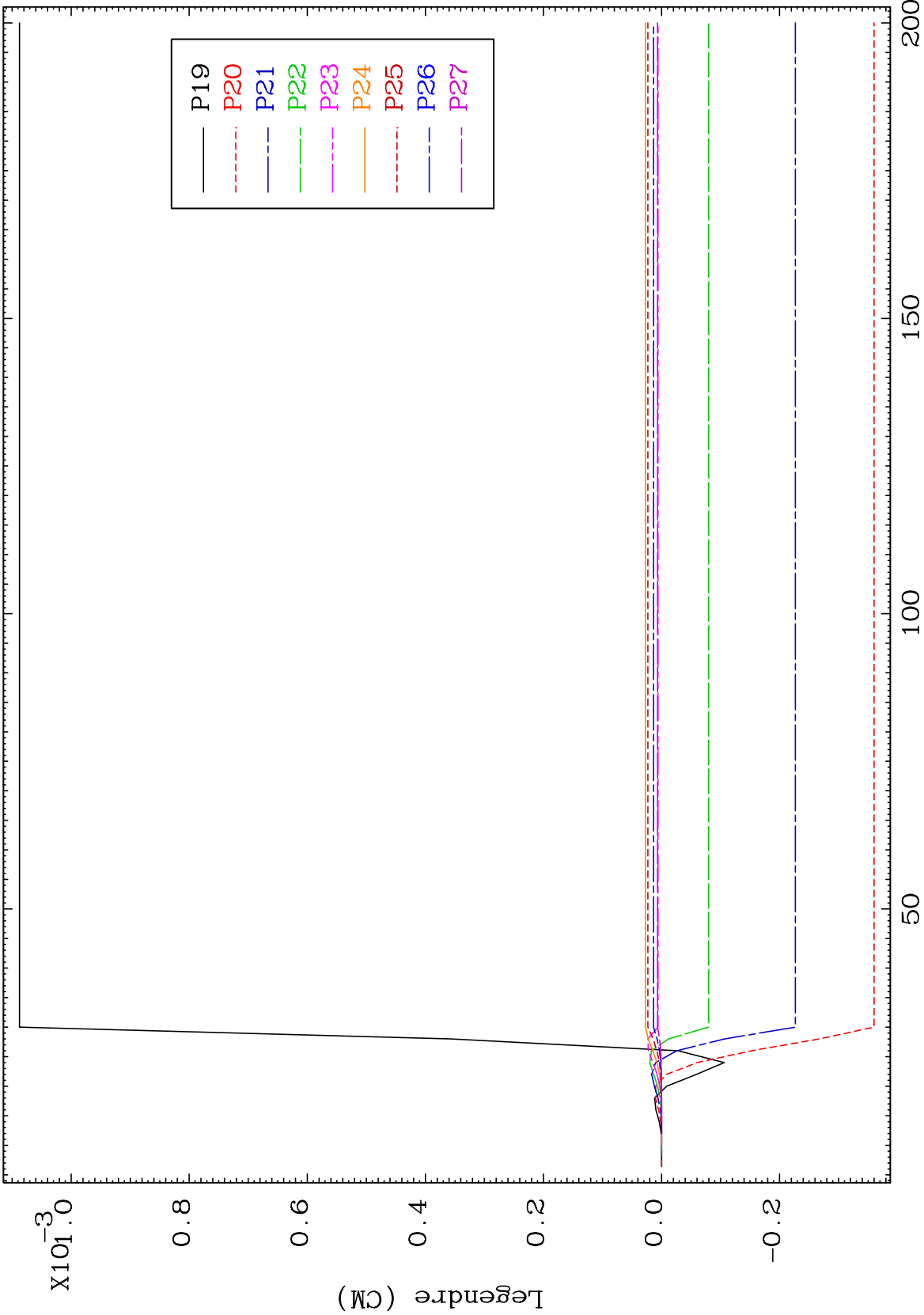
74-W -181

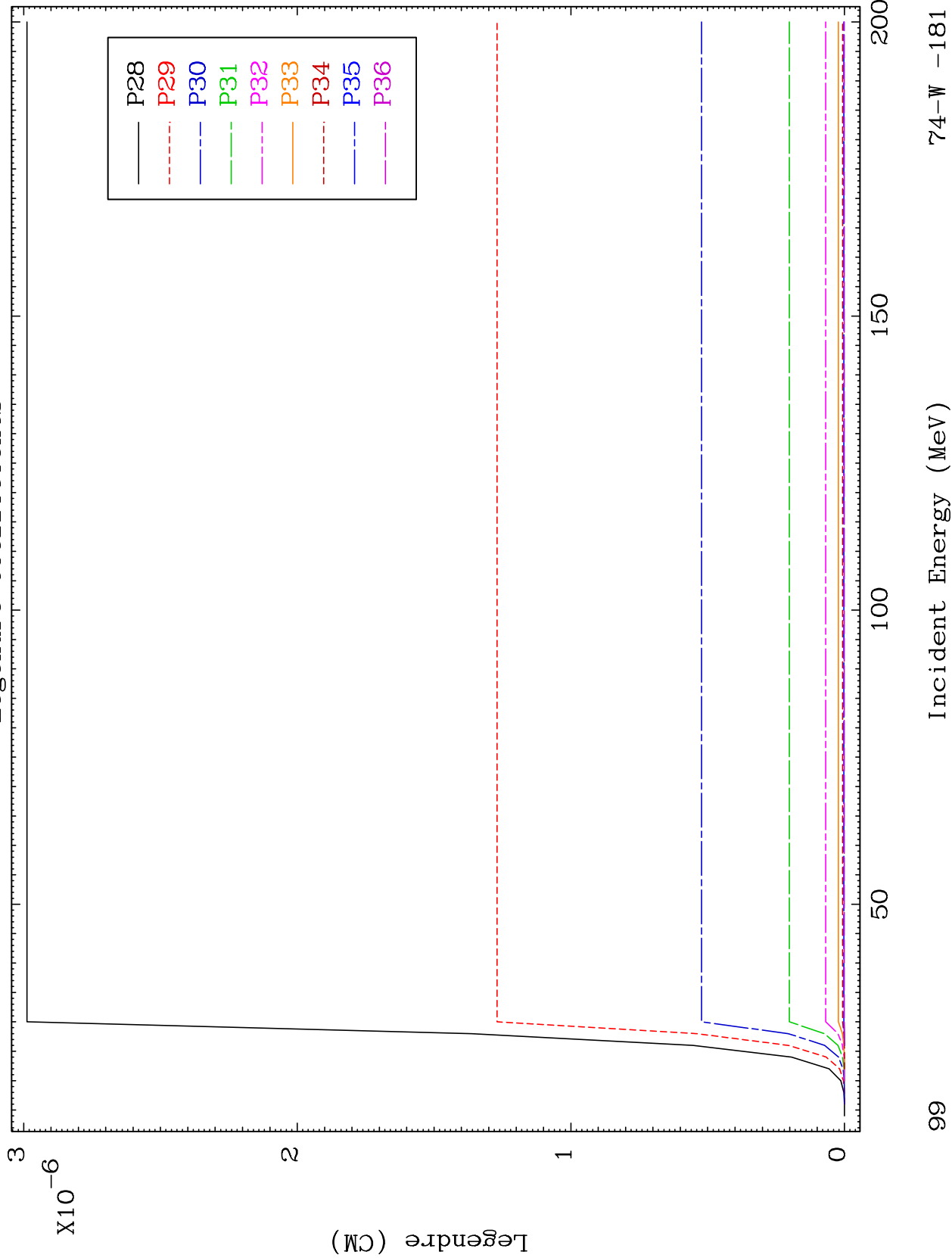


97

Incident Energy (MeV)

74-W -181

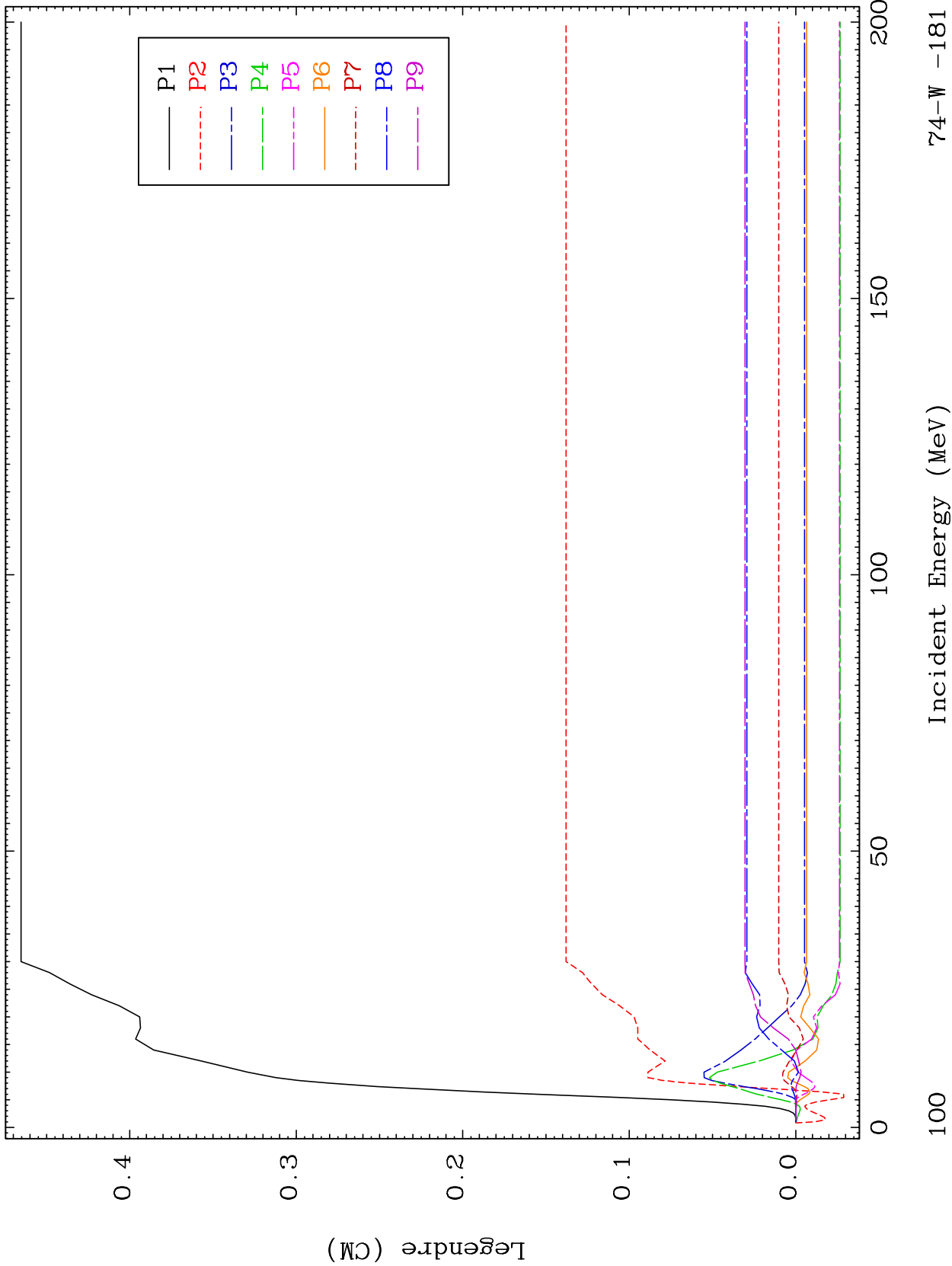




MAT 7428

784.0 keV (n,n') Level  
Legendre Coefficients

74-W -181



74-W -181

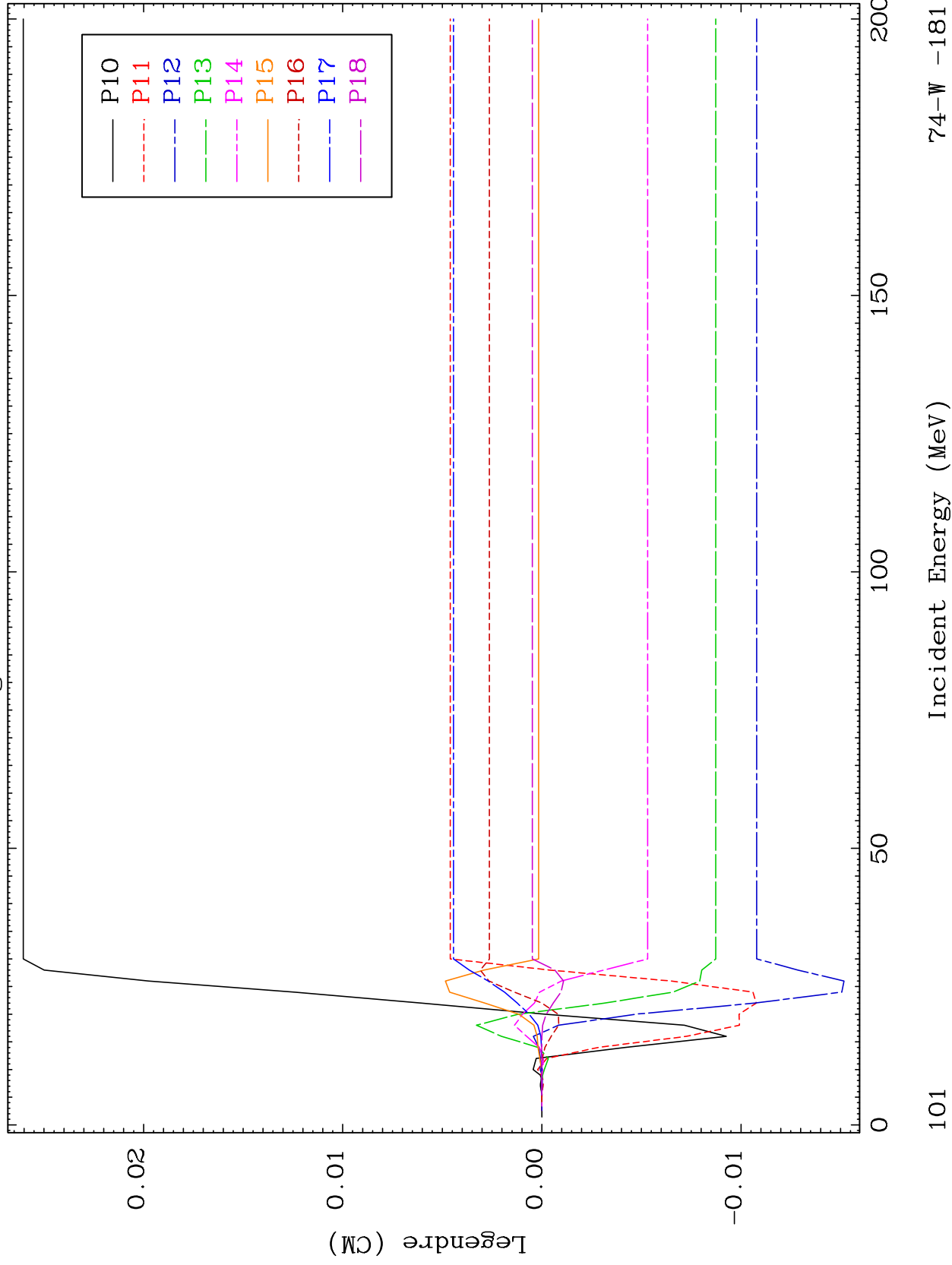
Incident Energy (MeV)

100

MAT 7428

784.0 keV (n,n') Level  
Legendre Coefficients

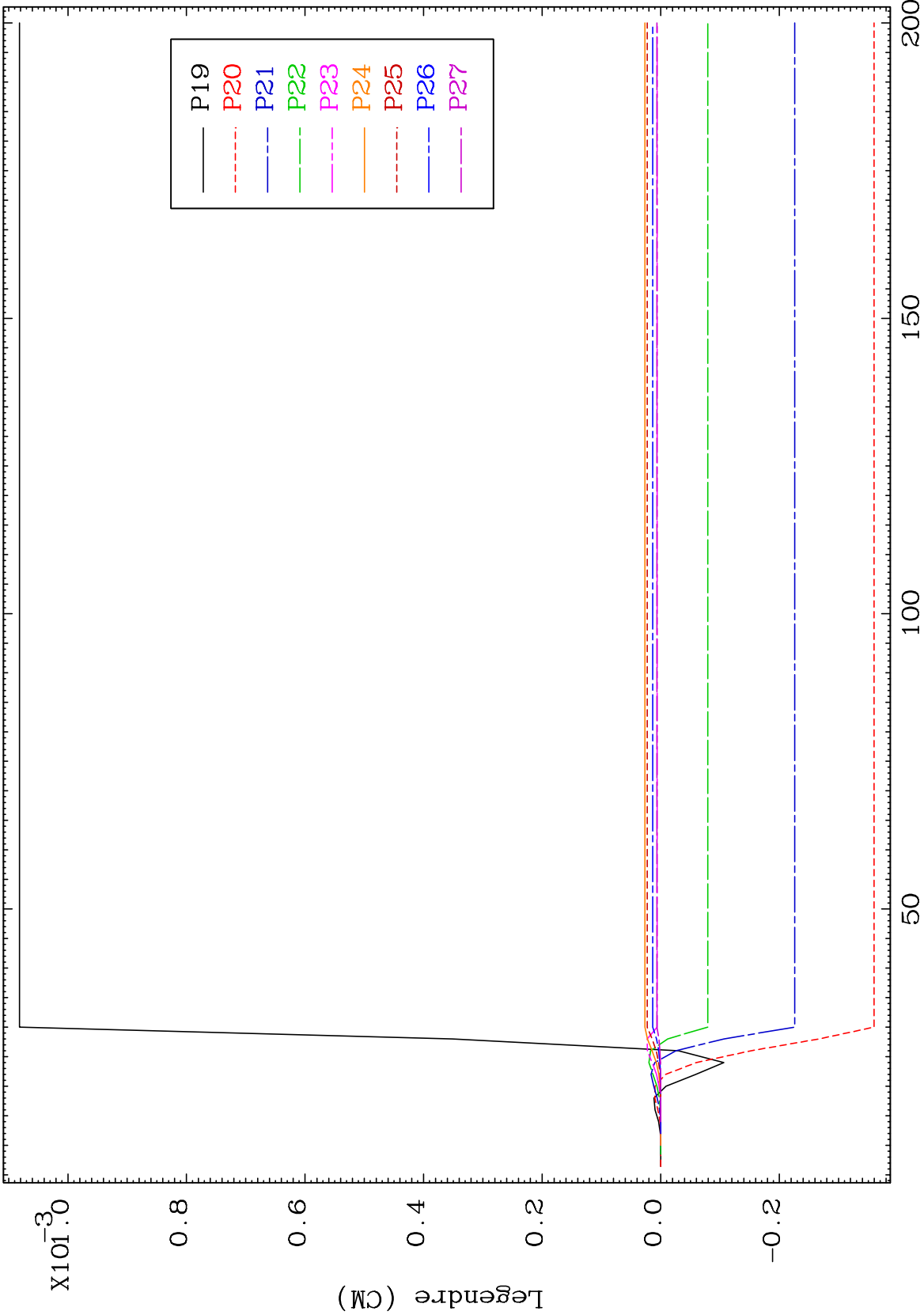
74-W -181

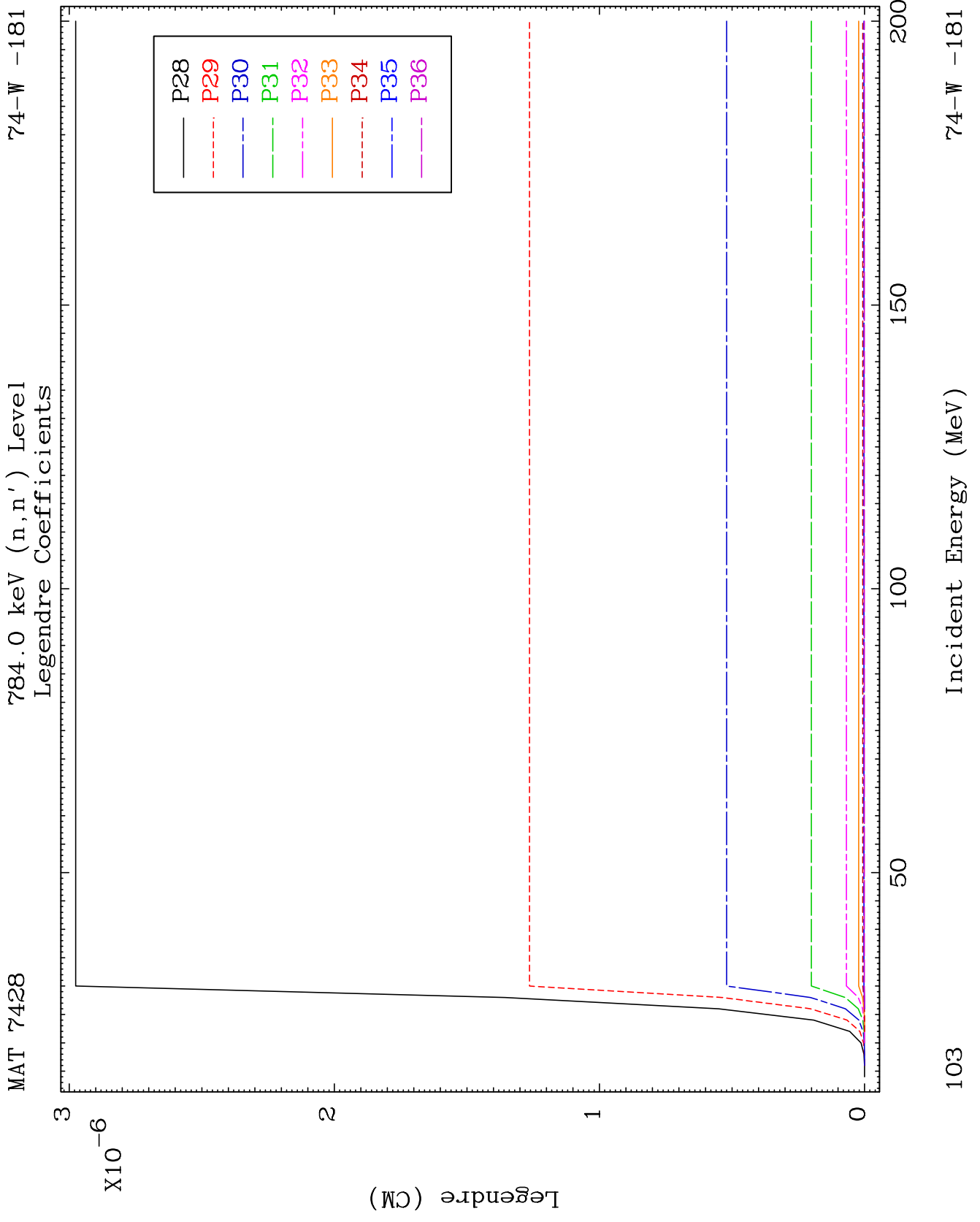


74-W -181

Incident Energy (MeV)

101



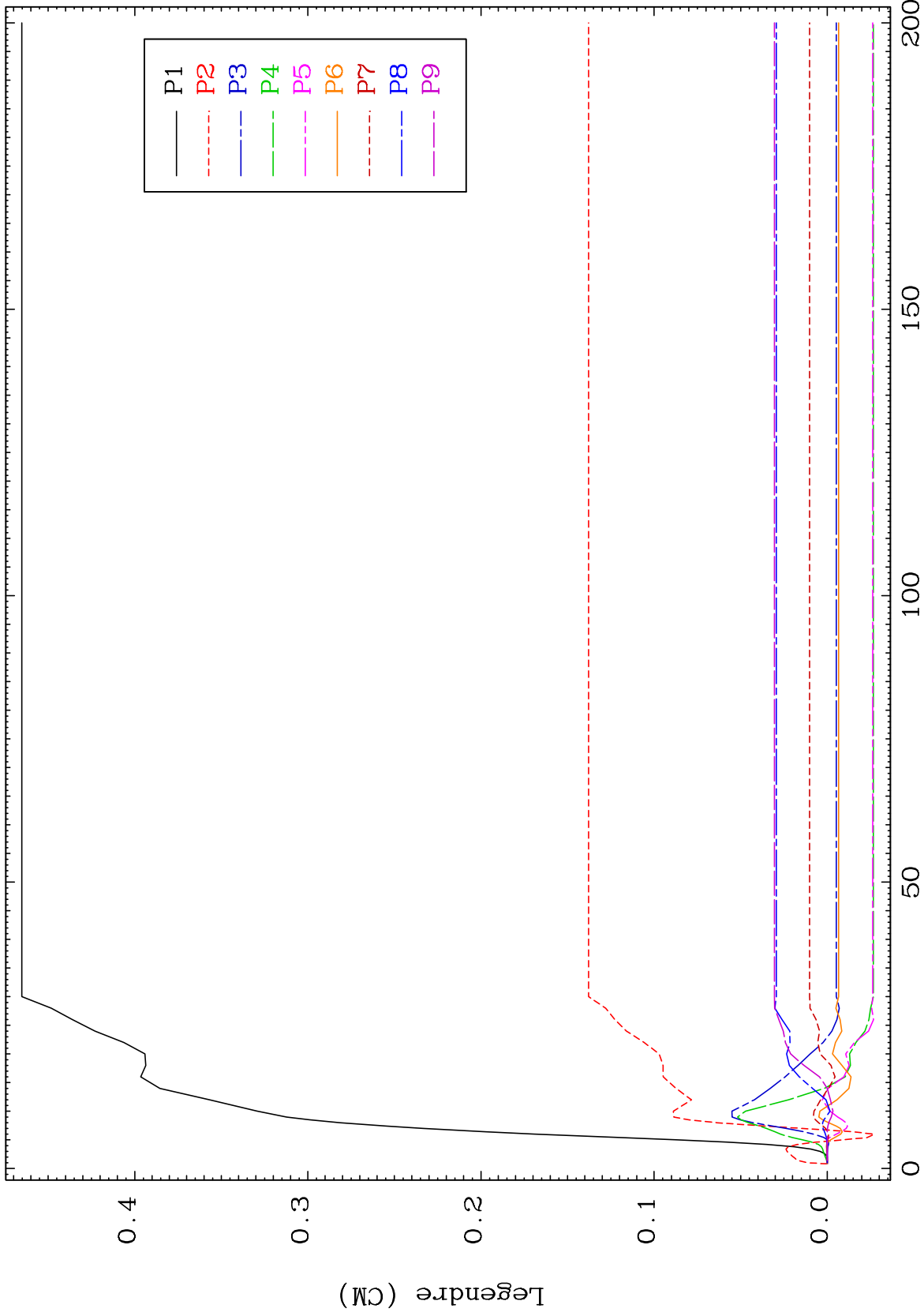




MAT 7428

805.3 keV (n,n') Level  
Legendre Coefficients

74-W -181



104

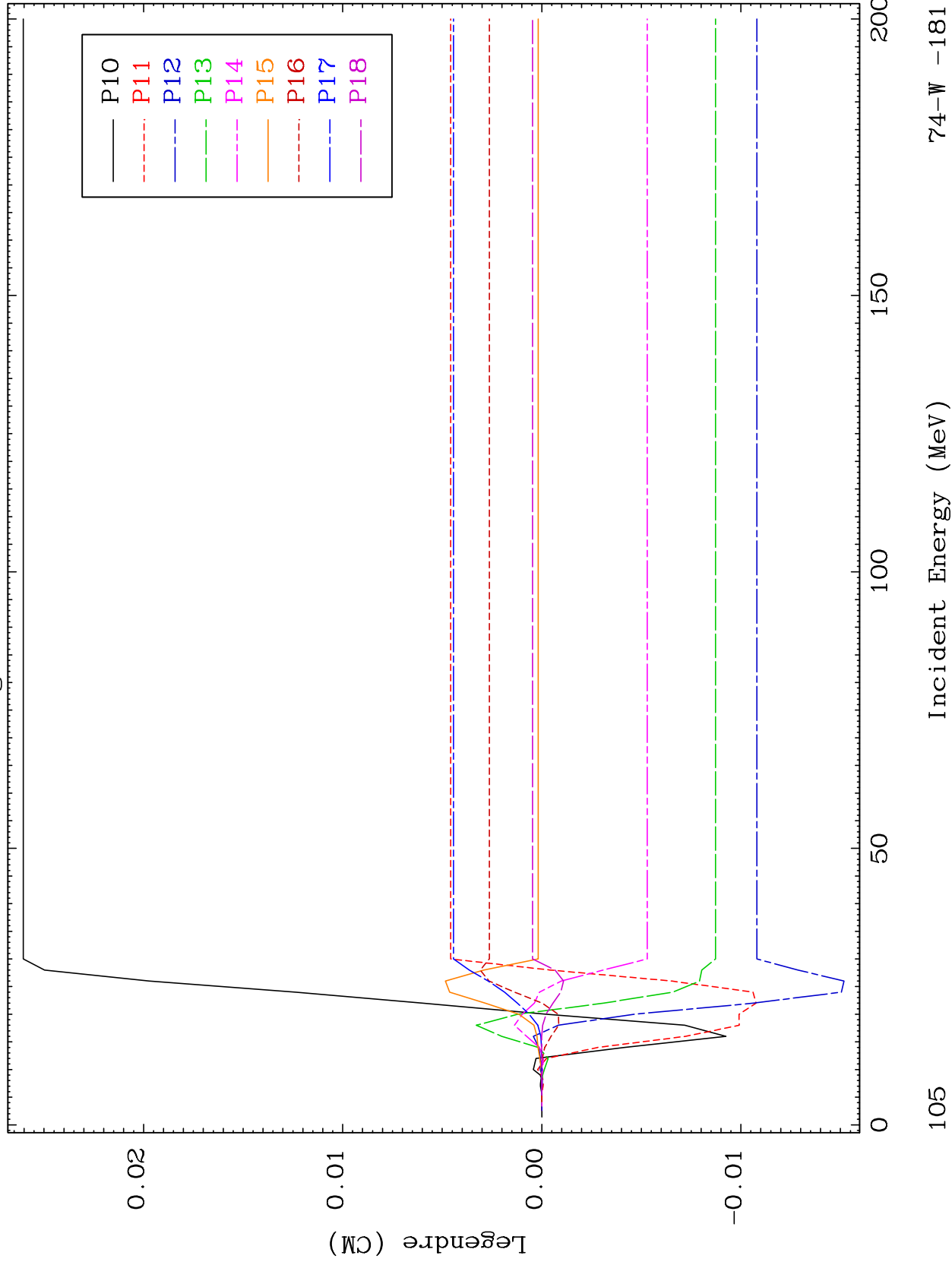
Incident Energy (MeV)

74-W -181

MAT 7428

805.3 keV (n,n') Level  
Legendre Coefficients

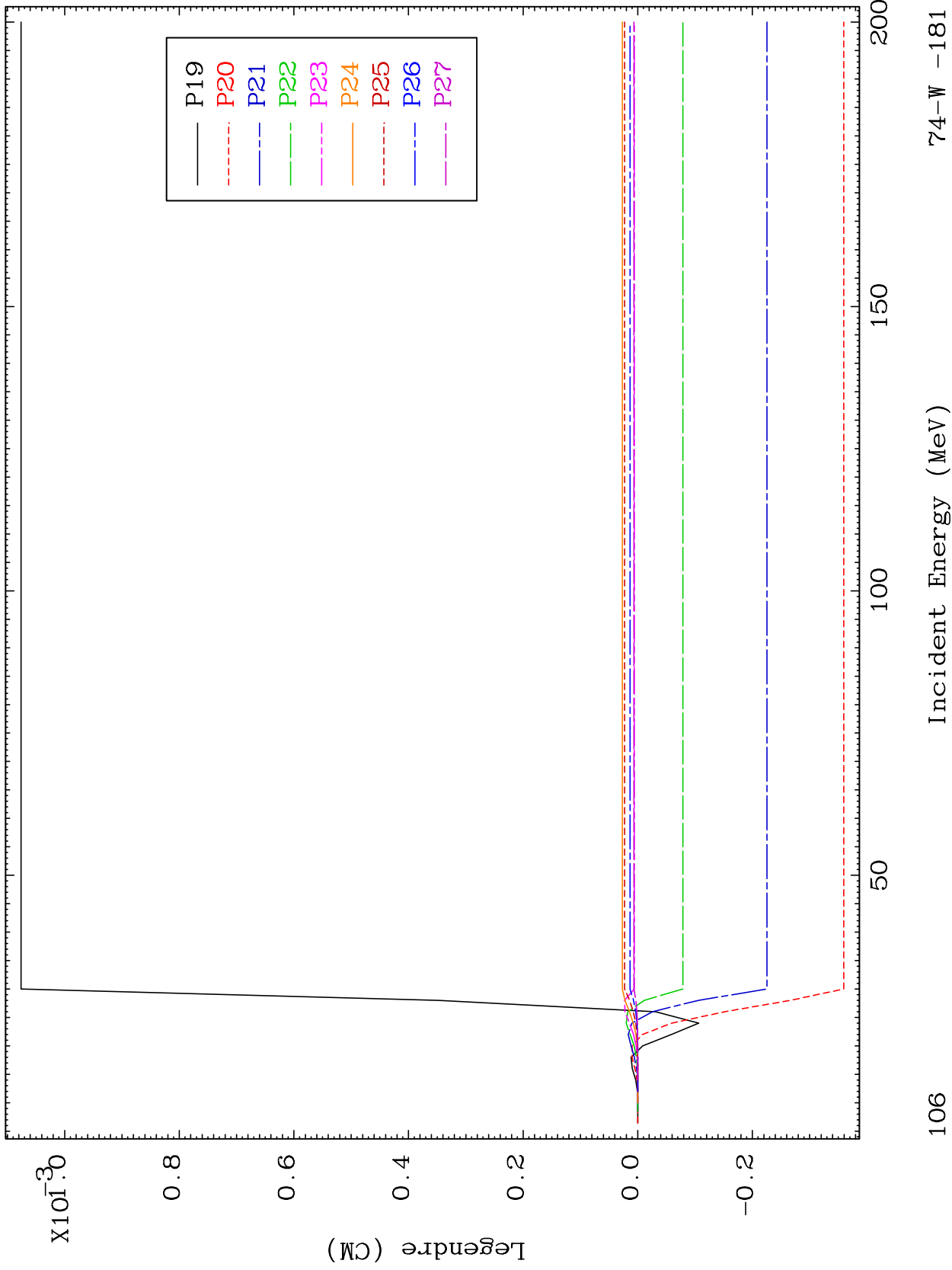
74-W -181



74-W -181

Incident Energy (MeV)

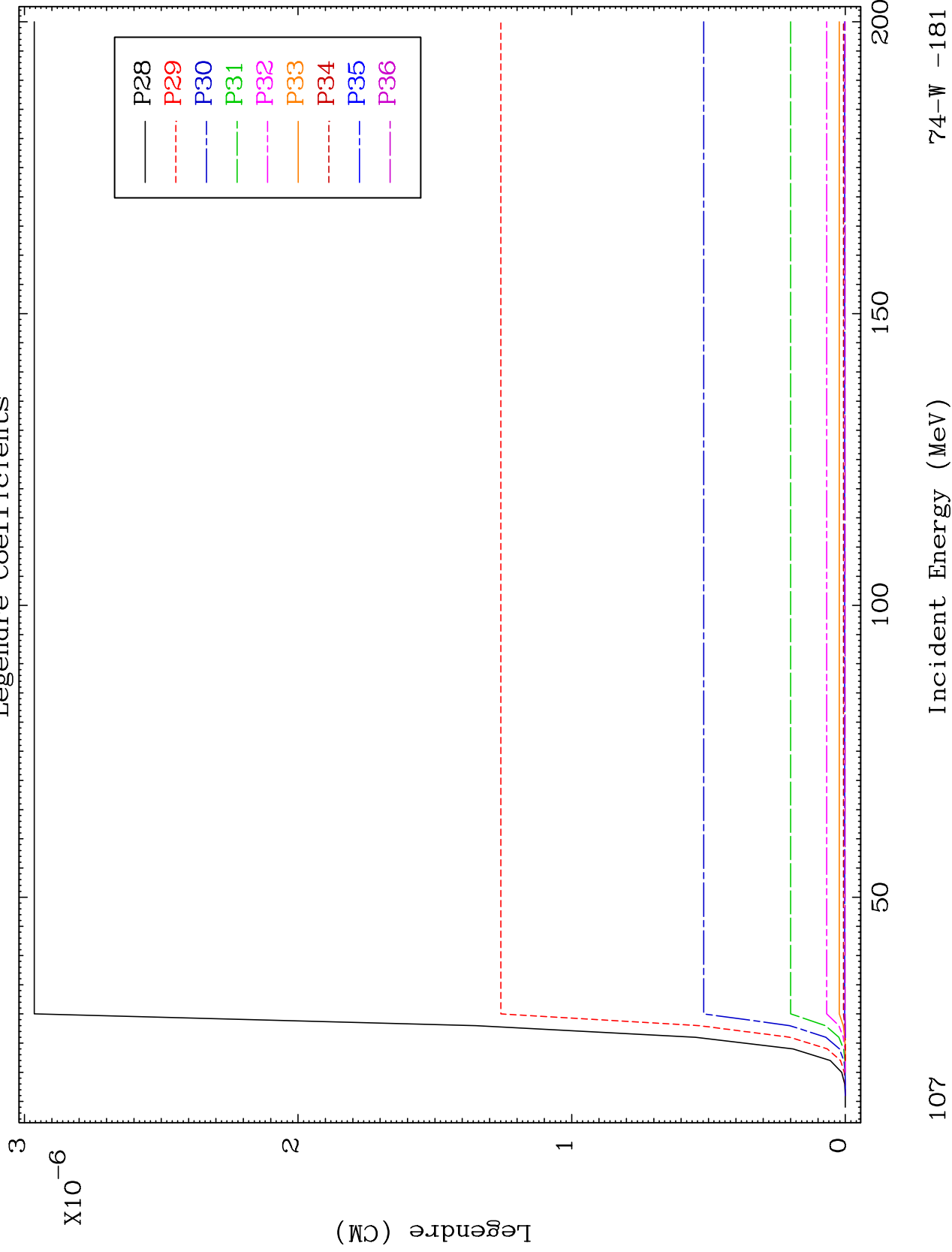
105



MAT 7428

805.3 keV (n,n') Level  
Legendre Coefficients

74-W -181



107

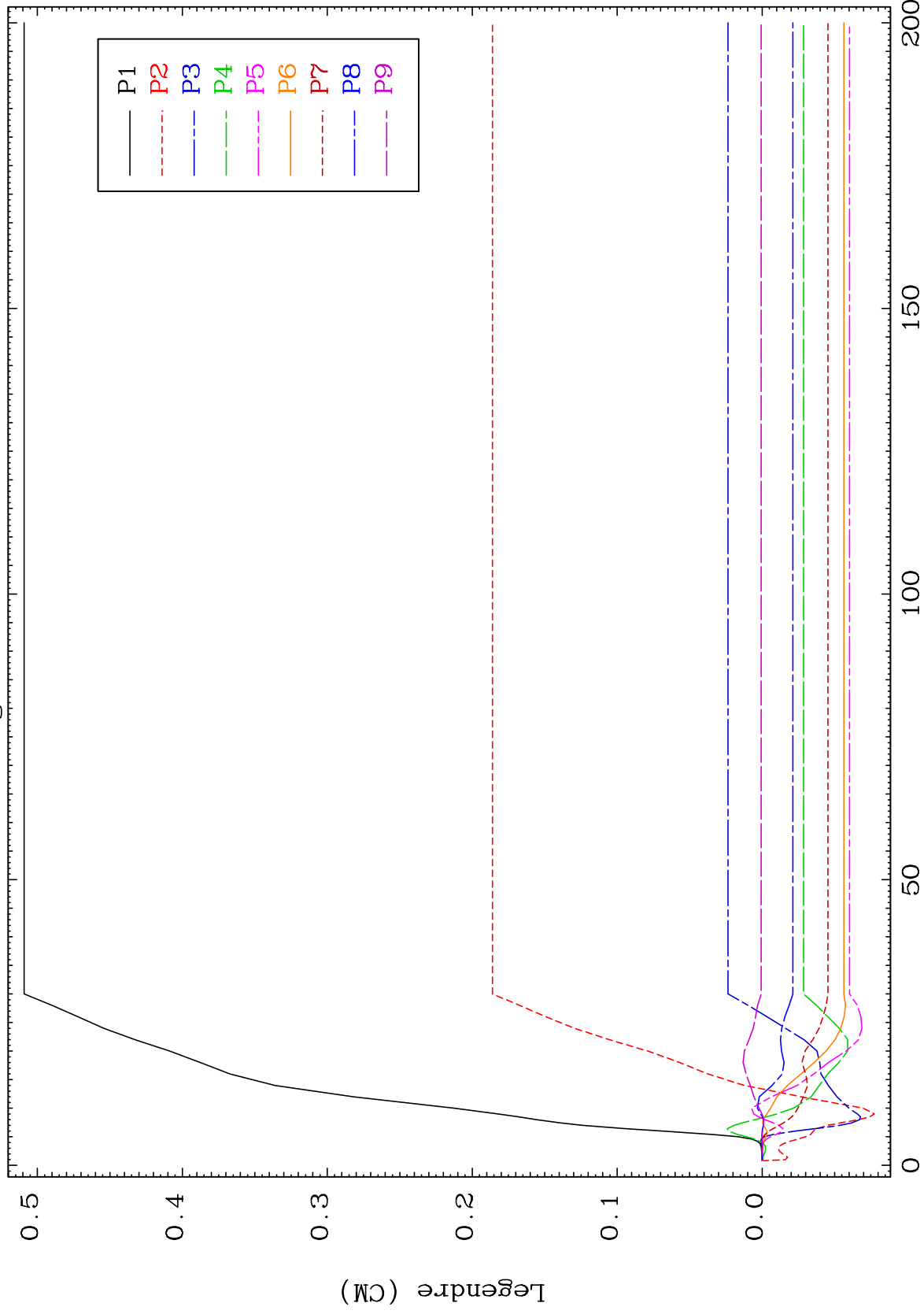
Incident Energy (MeV)

74-W -181

MAT 7428

807.5 keV (n,n') Level  
Legendre Coefficients

74-W -181



108

Incident Energy (MeV)

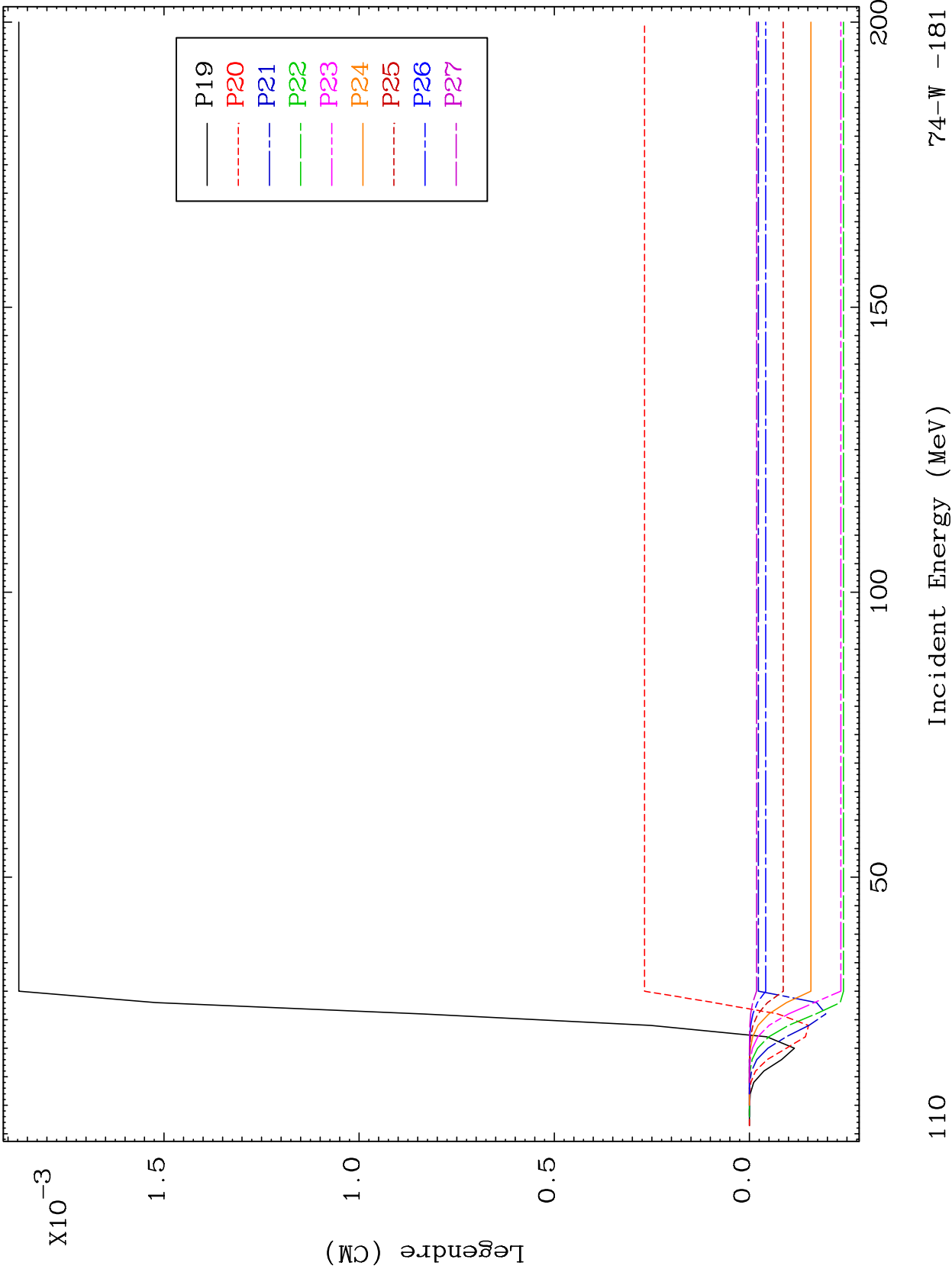
74-W -181



MAT 7428

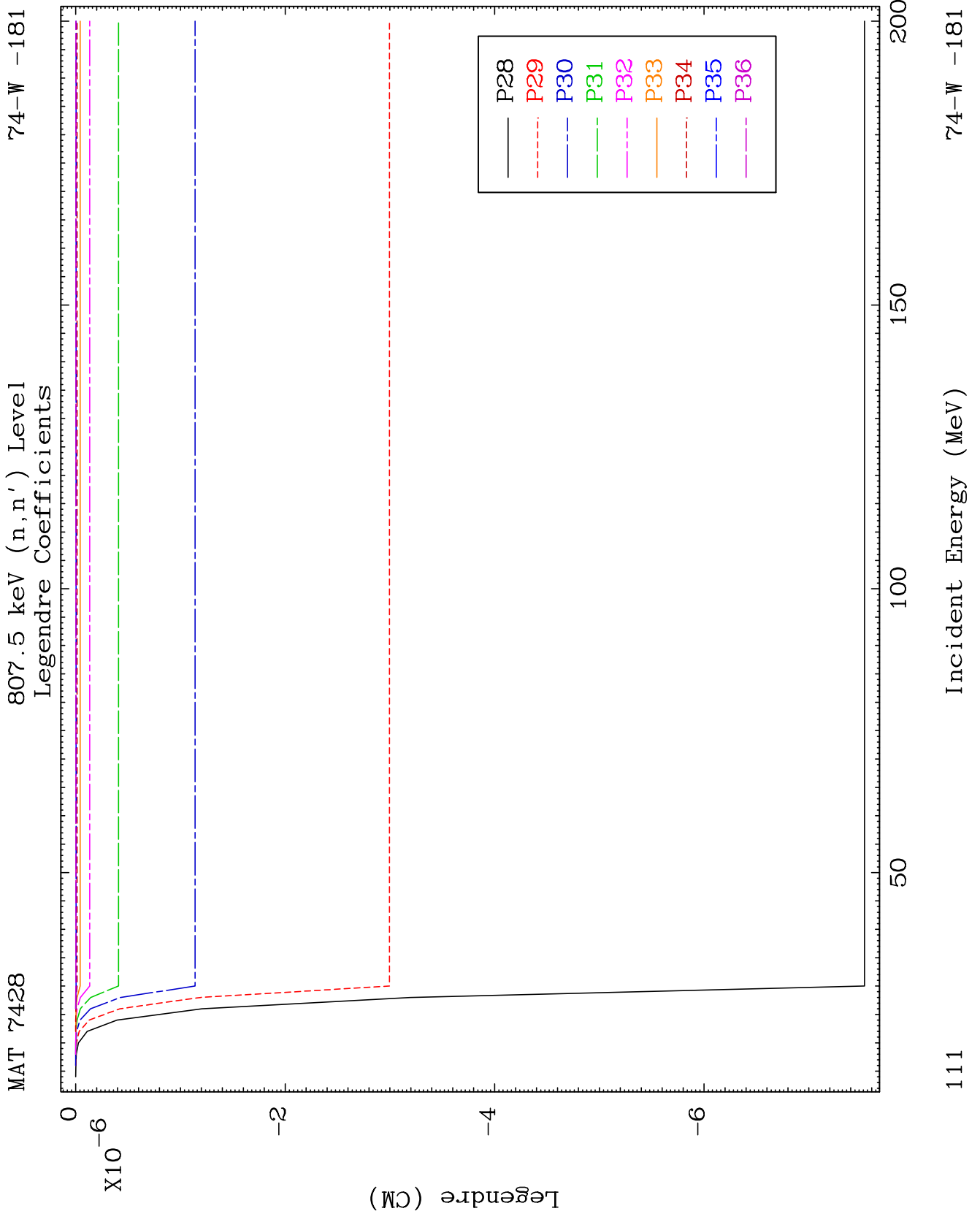
807.5 keV (n,n') Level  
Legendre Coefficients

74-W -181



110

74-W -181

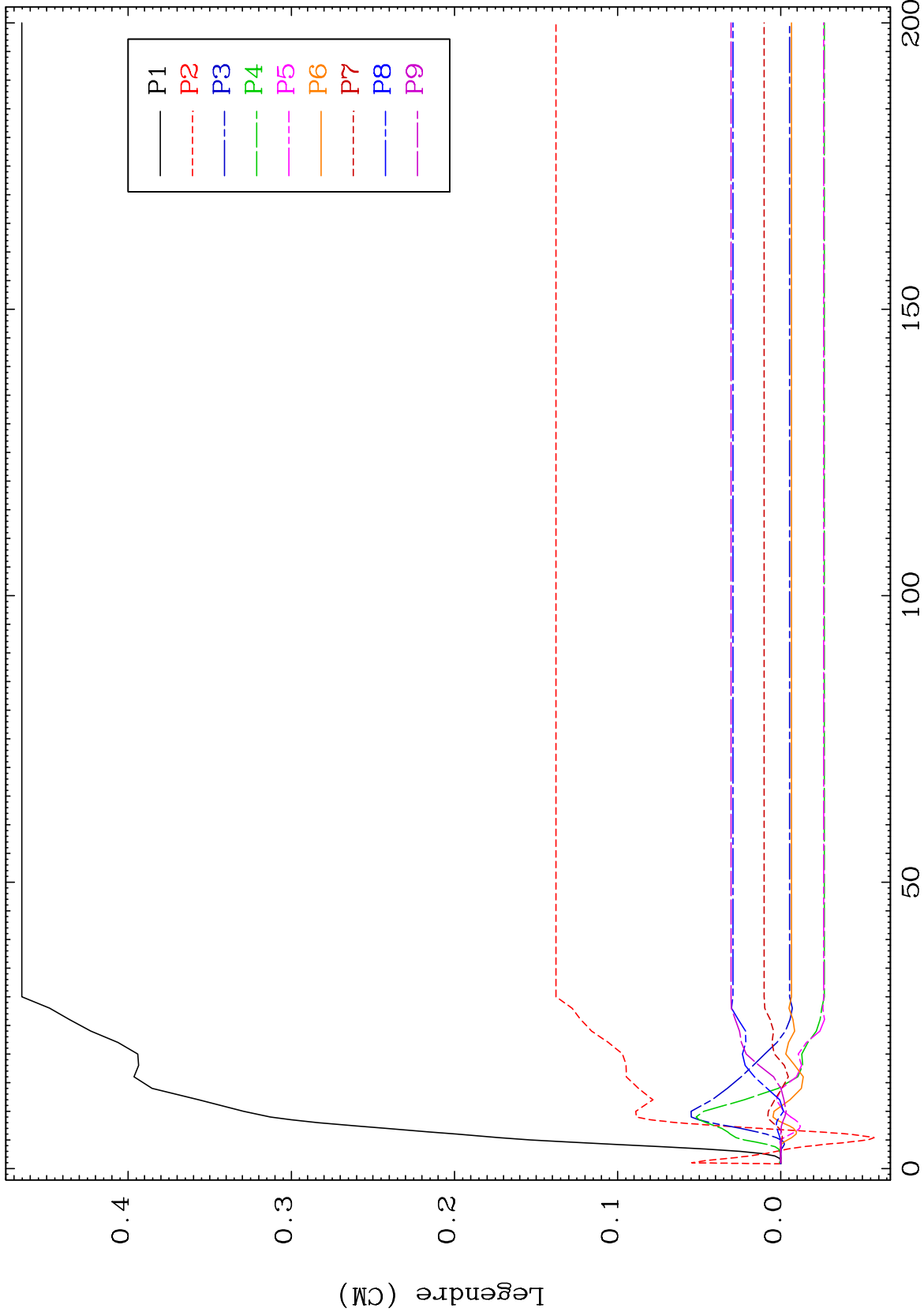




MAT 7428

814.2 keV (n,n') Level  
Legendre Coefficients

74-W -181



74-W -181

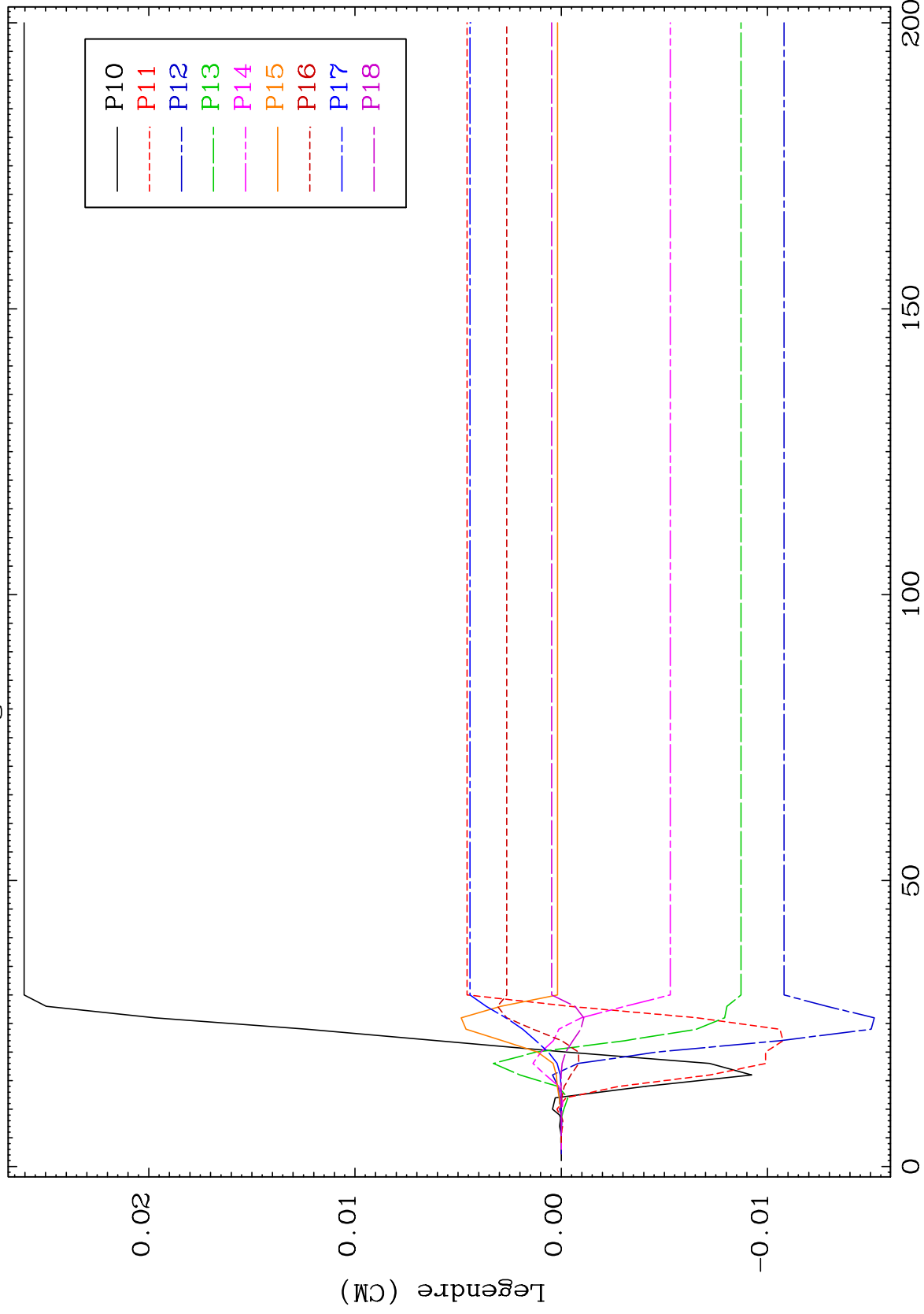
Incident Energy (MeV)

112

MAT 7428

814.2 keV (n,n') Level  
Legendre Coefficients

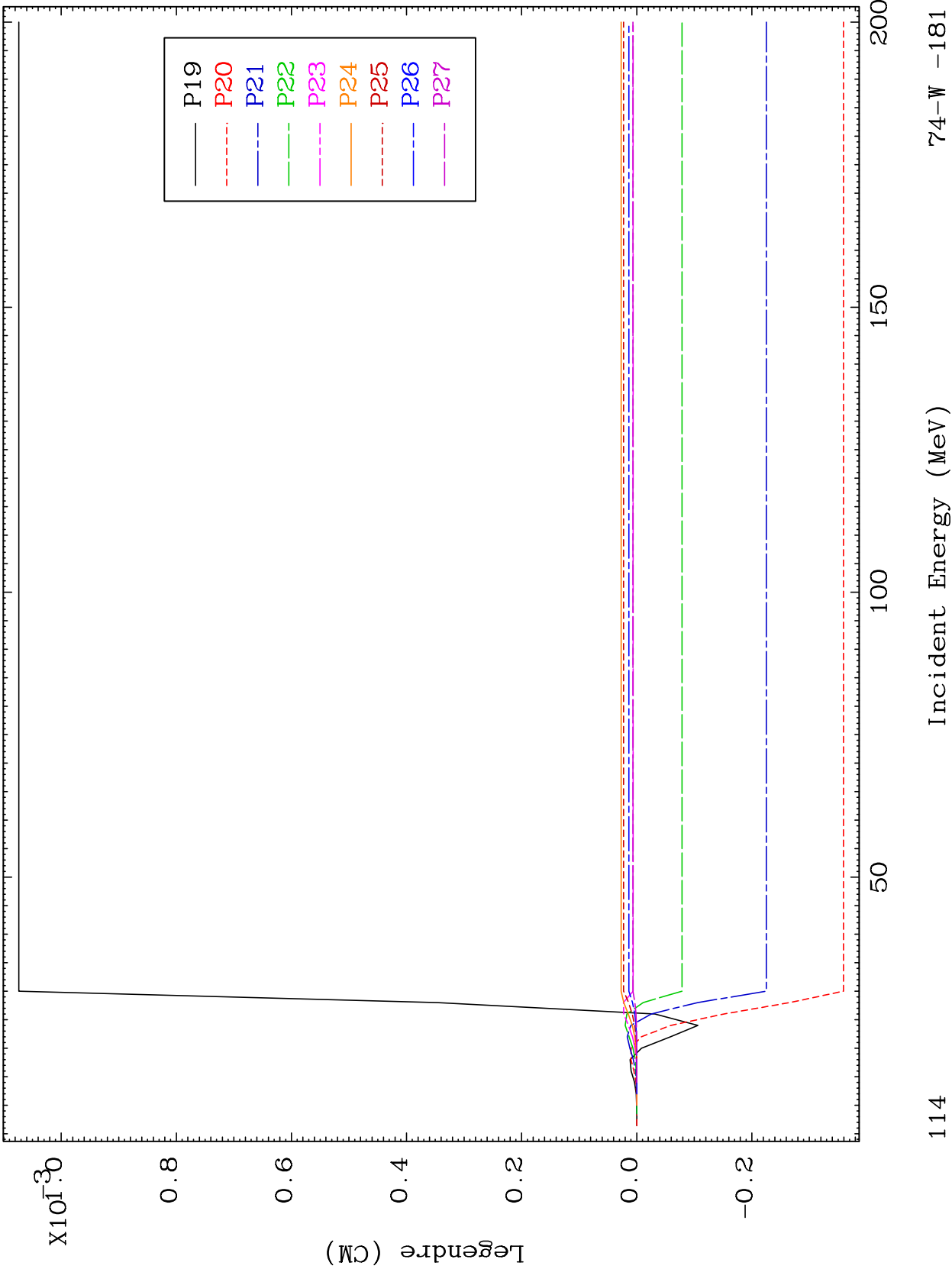
74-W -181



113

Incident Energy (MeV)

74-W -181

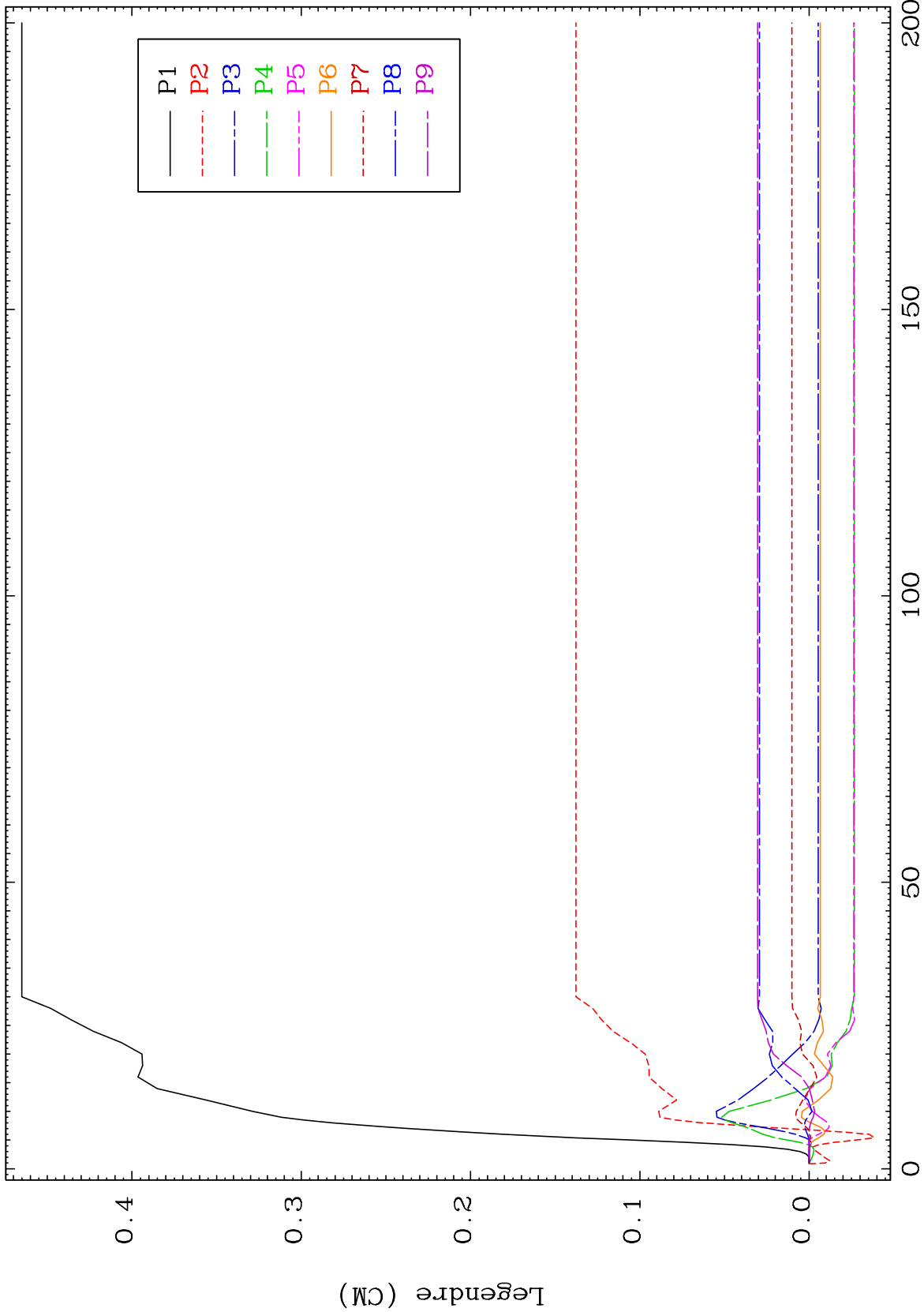




MAT 7428

848.2 keV (n,n') Level  
Legendre Coefficients

74-W -181



116

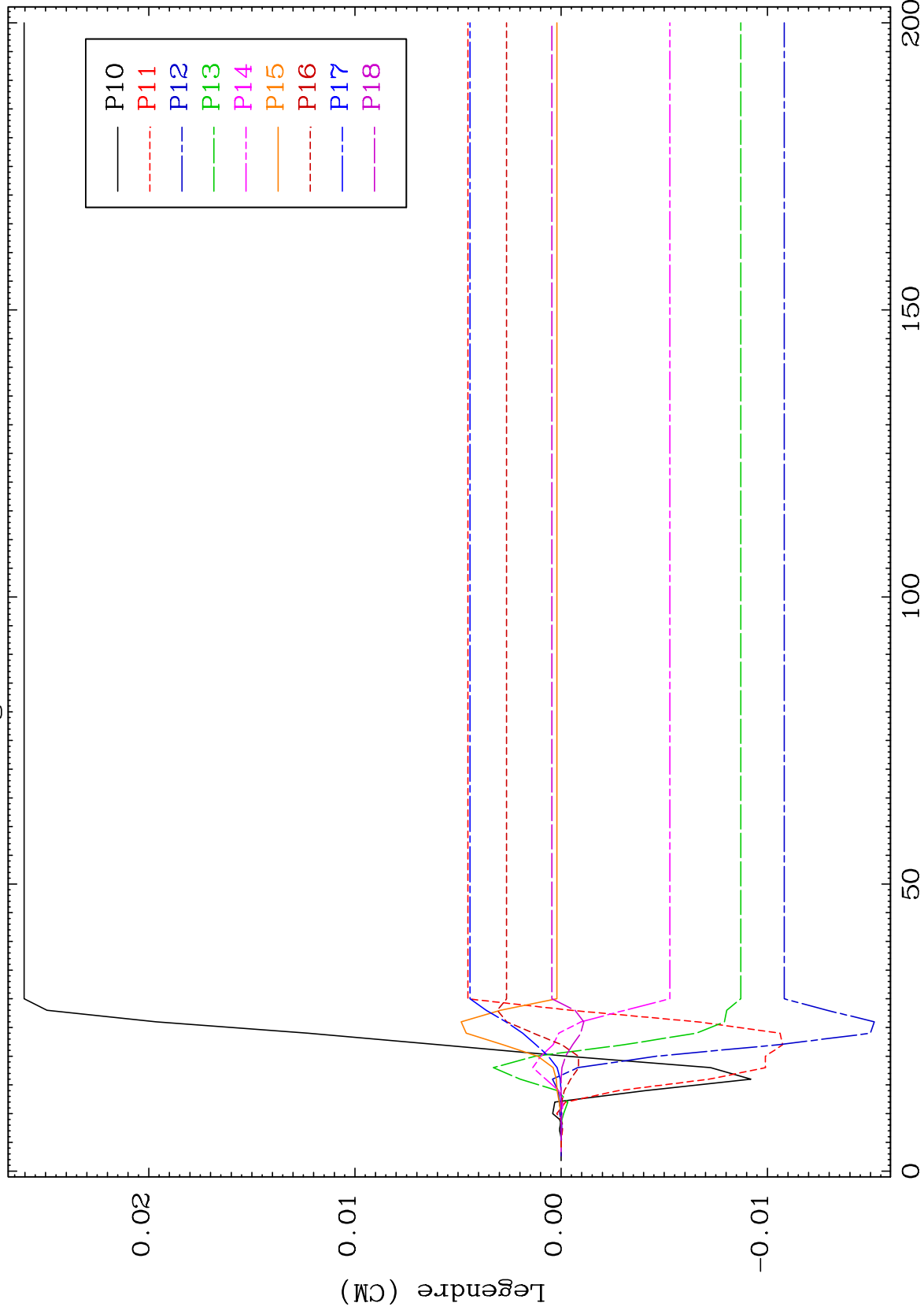
Incident Energy (MeV)

74-W -181

MAT 7428

848.2 keV (n,n') Level  
Legendre Coefficients

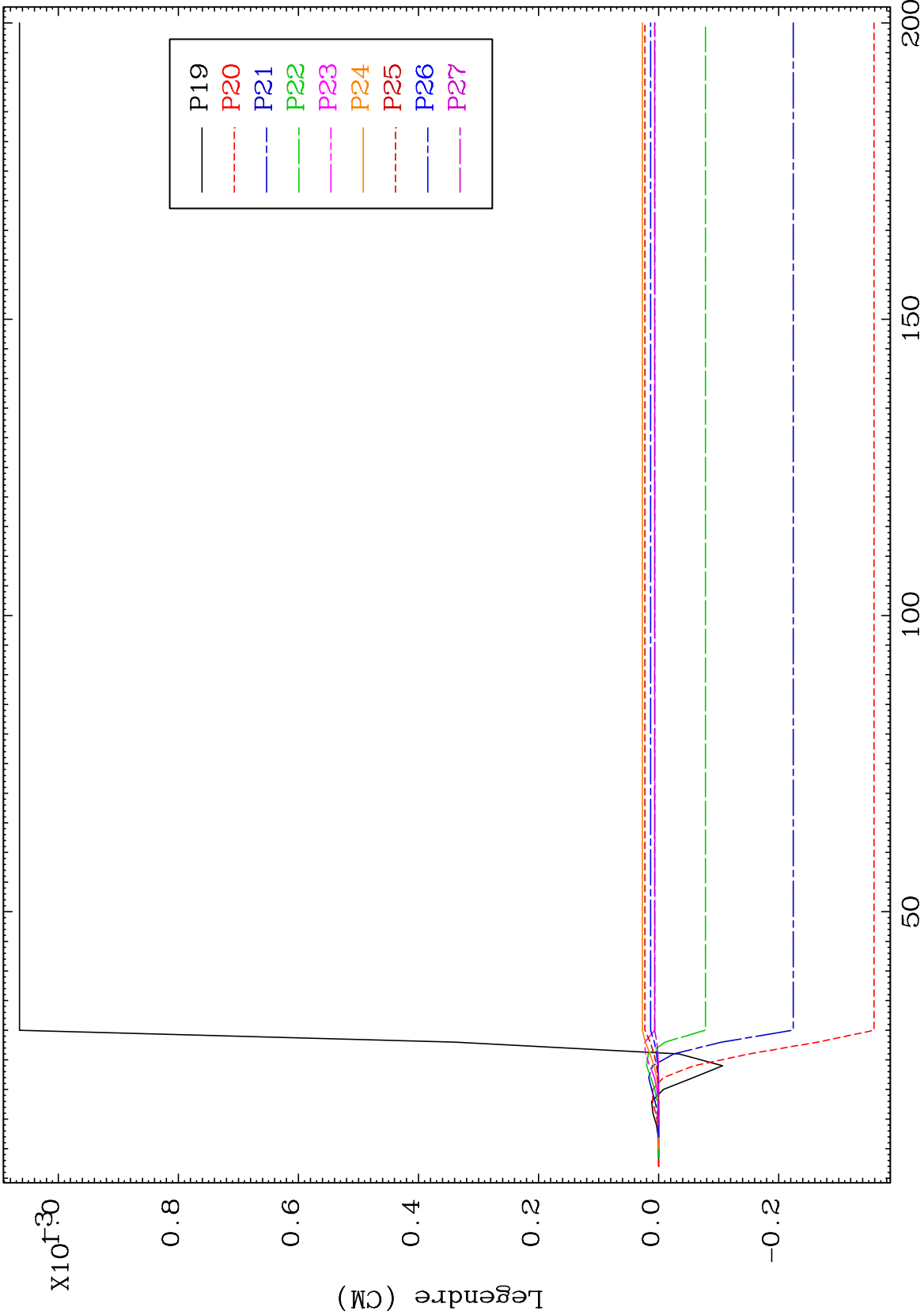
74-W -181

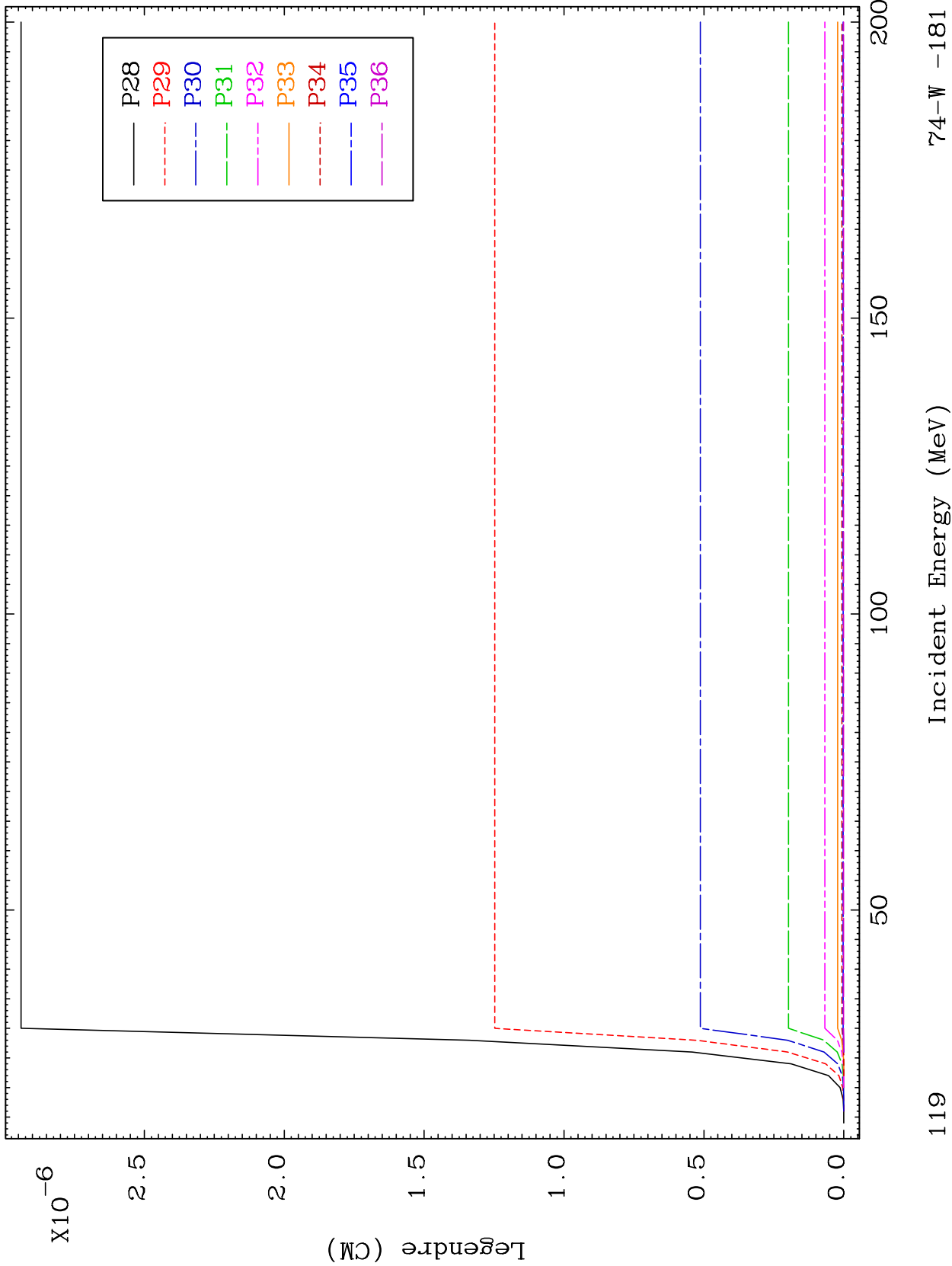


117

Incident Energy (MeV)

74-W -181



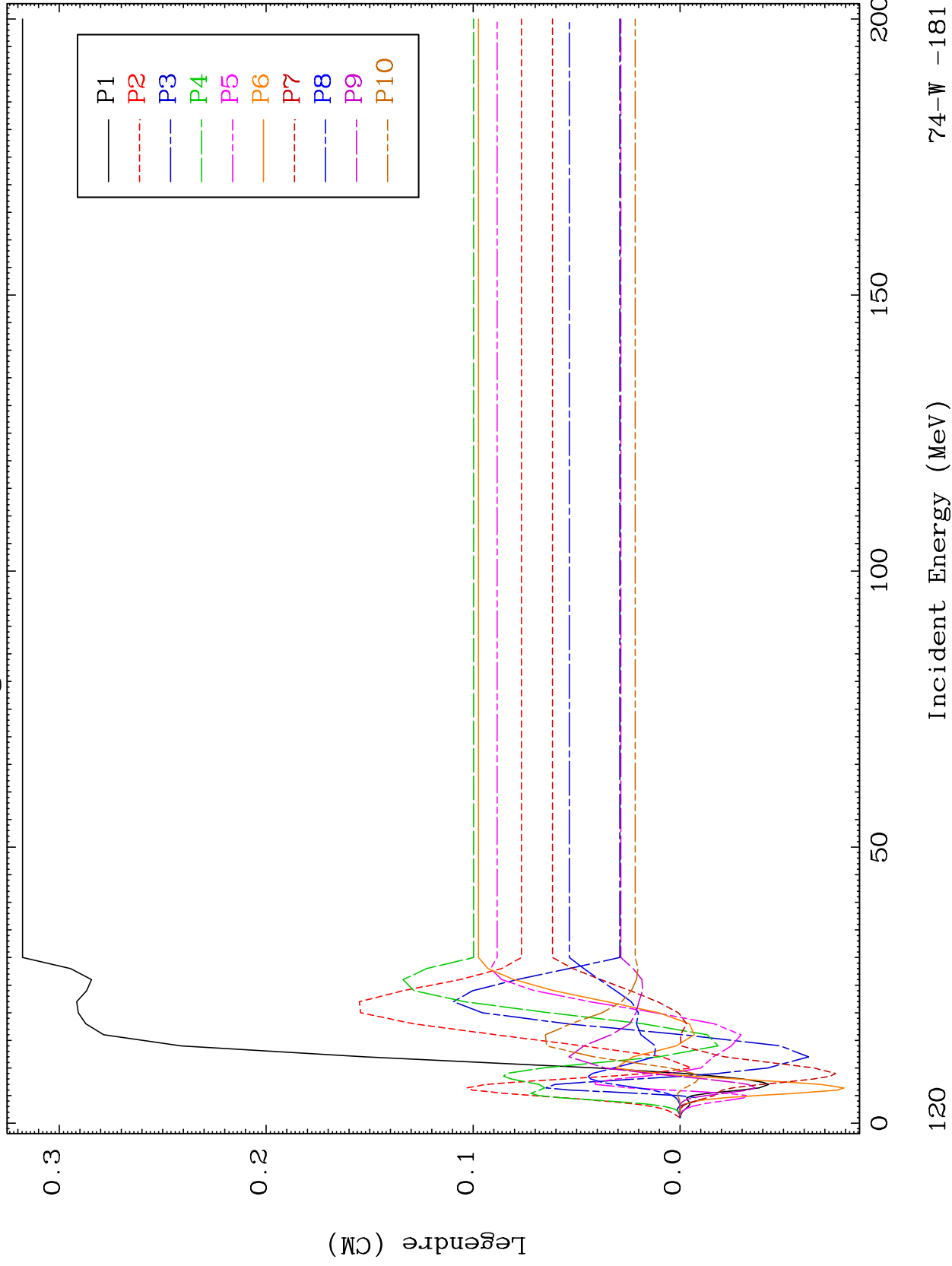




MAT 7428

937.0 keV (n,n') Level  
Legendre Coefficients

74-W -181



74-W -181

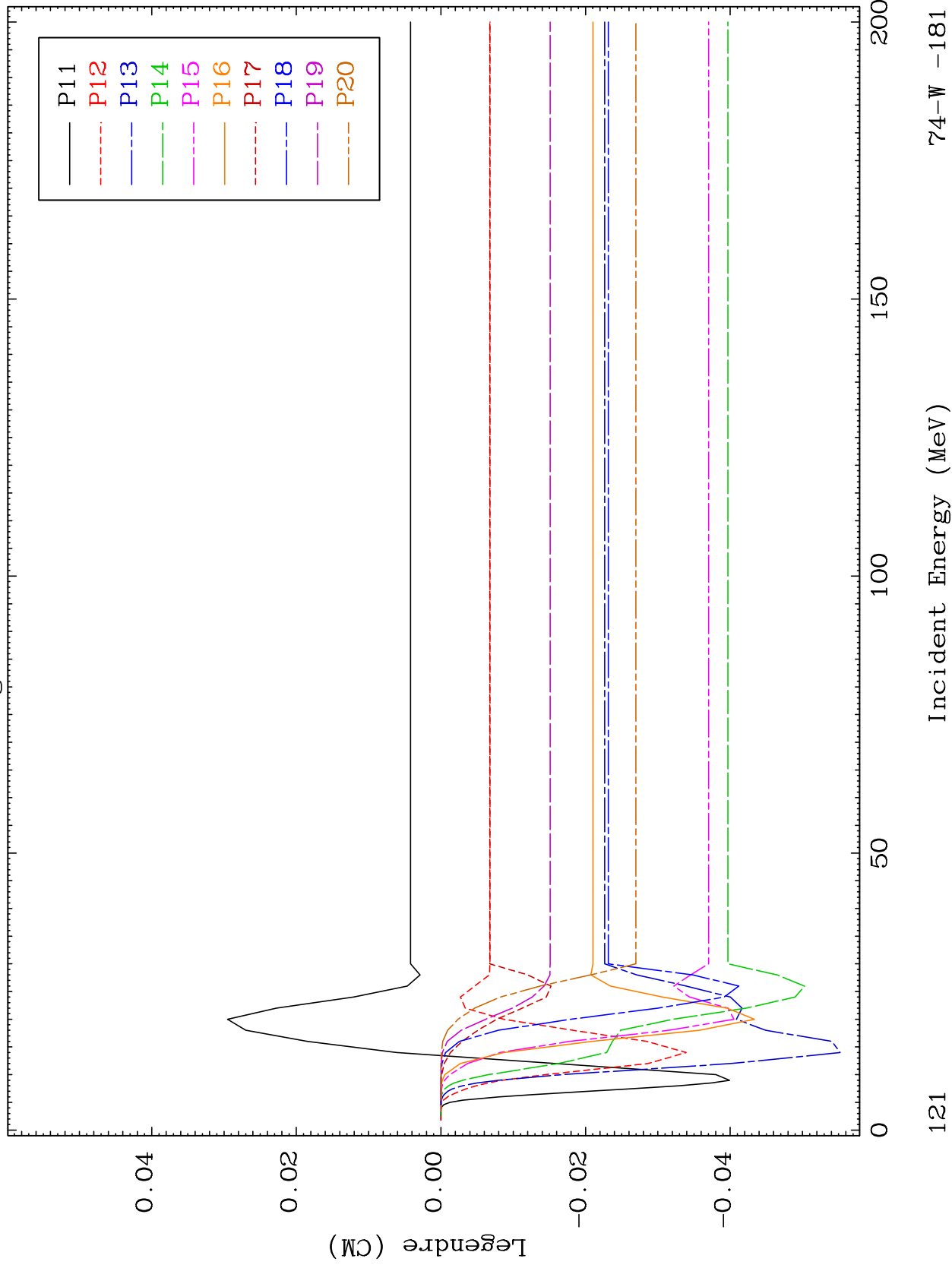
Incident Energy (MeV)

120

MAT 7428

937.0 keV (n,n') Level  
Legendre Coefficients

74-W -181

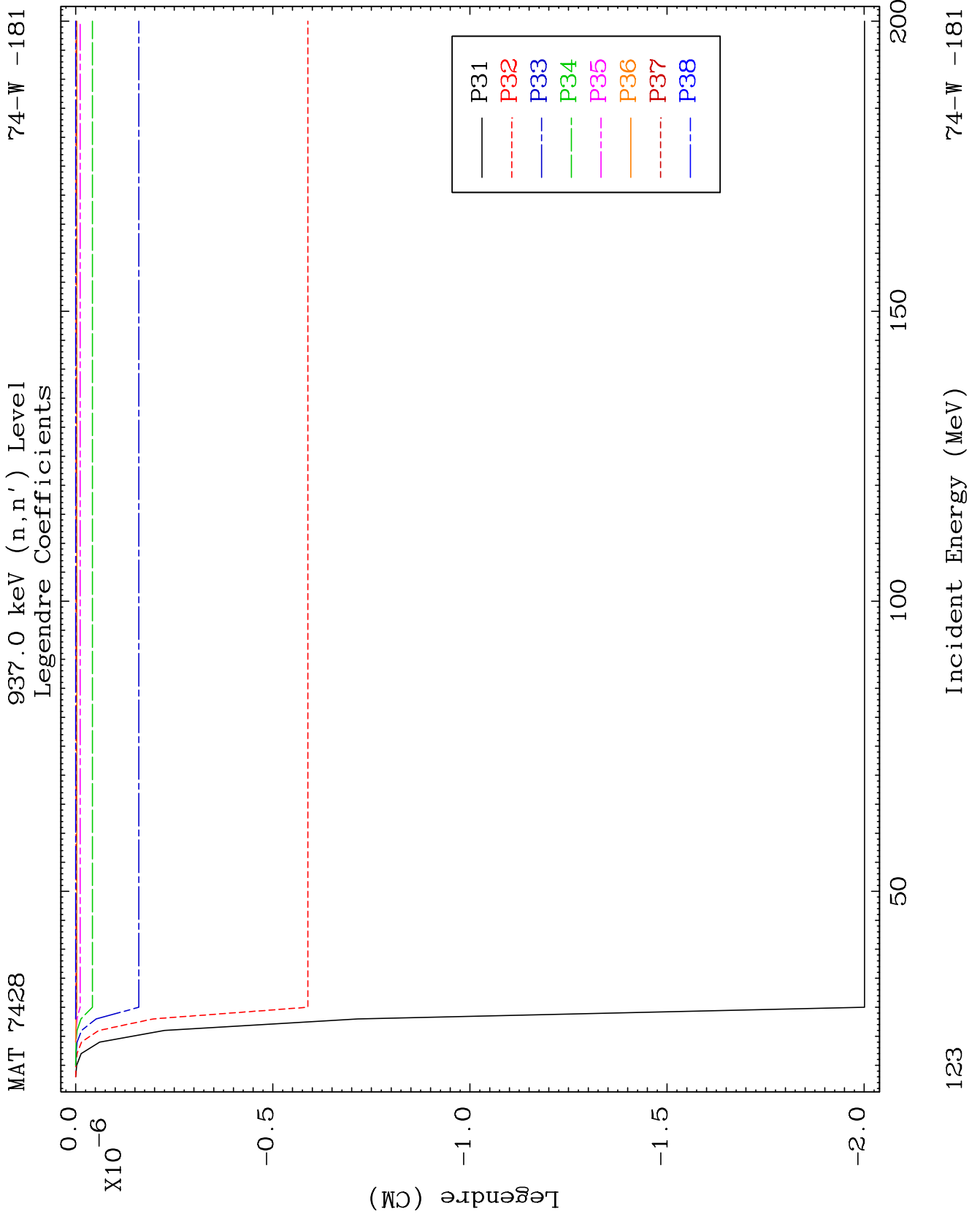


74-W -181

Incident Energy (MeV)

121

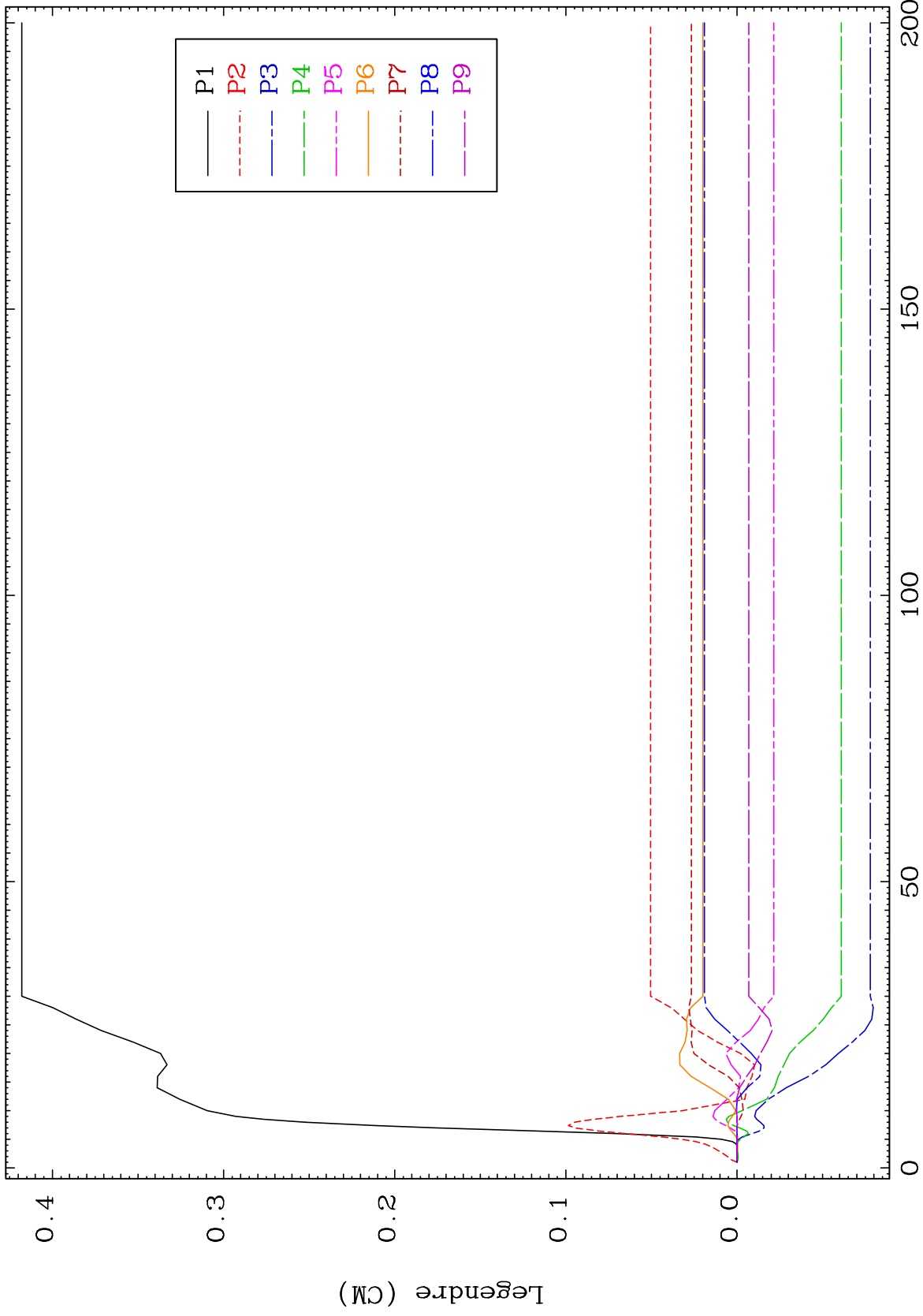




MAT 7428

953.4 keV (n,n') Level  
Legendre Coefficients

74-W -181



124

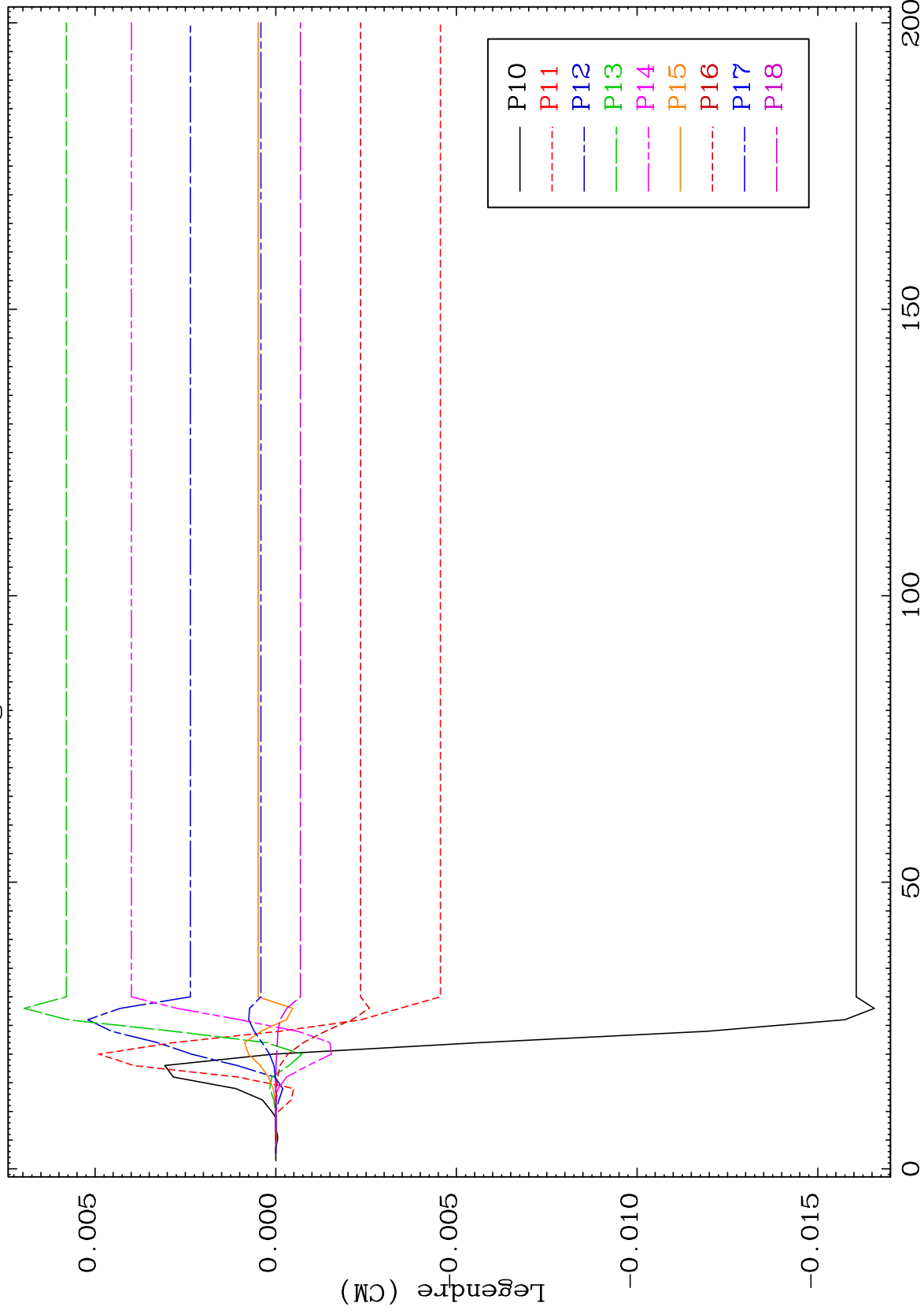
Incident Energy (MeV)

74-W -181

MAT 7428

953.4 keV (n,n') Level  
Legendre Coefficients

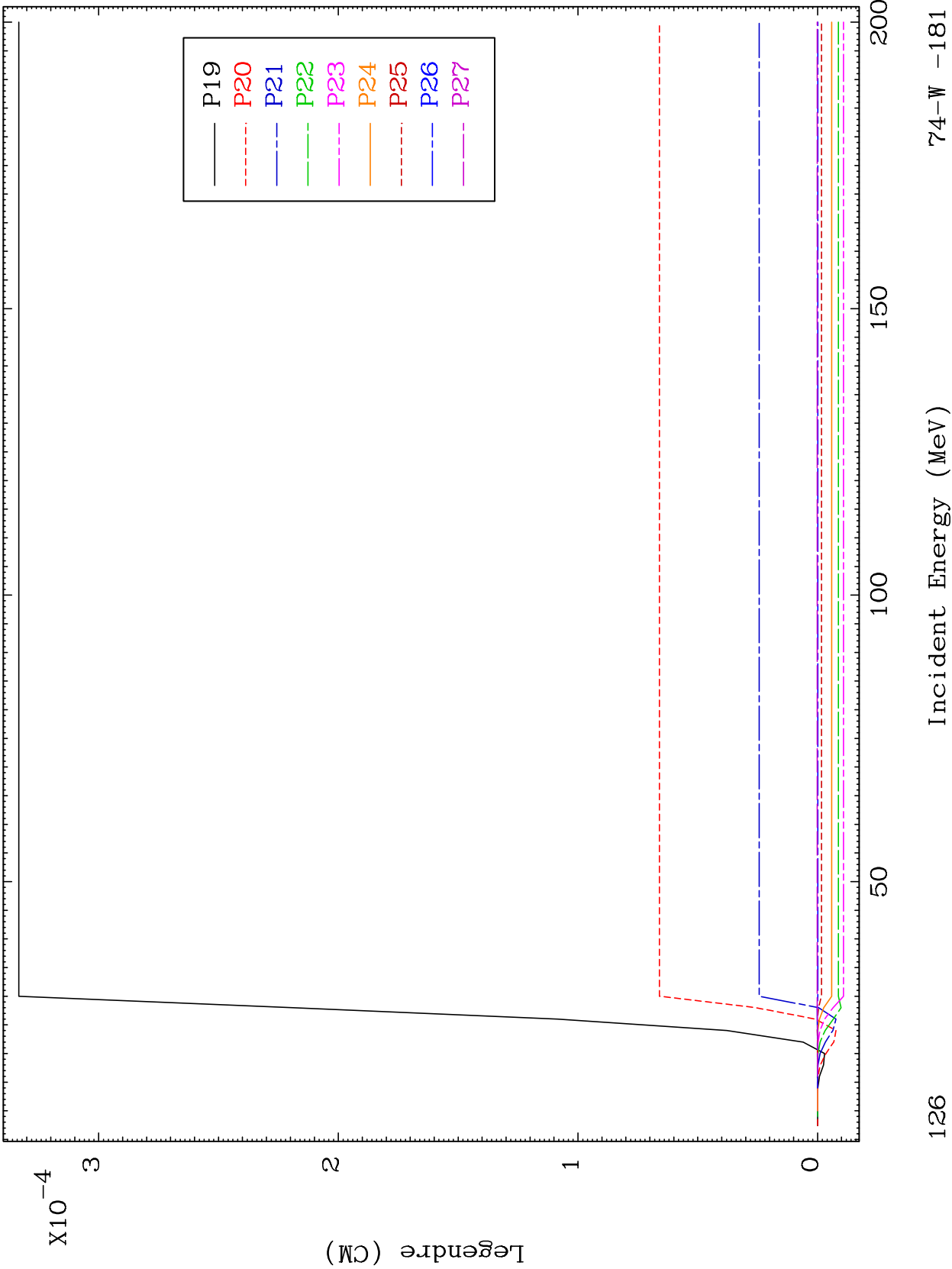
74-W -181

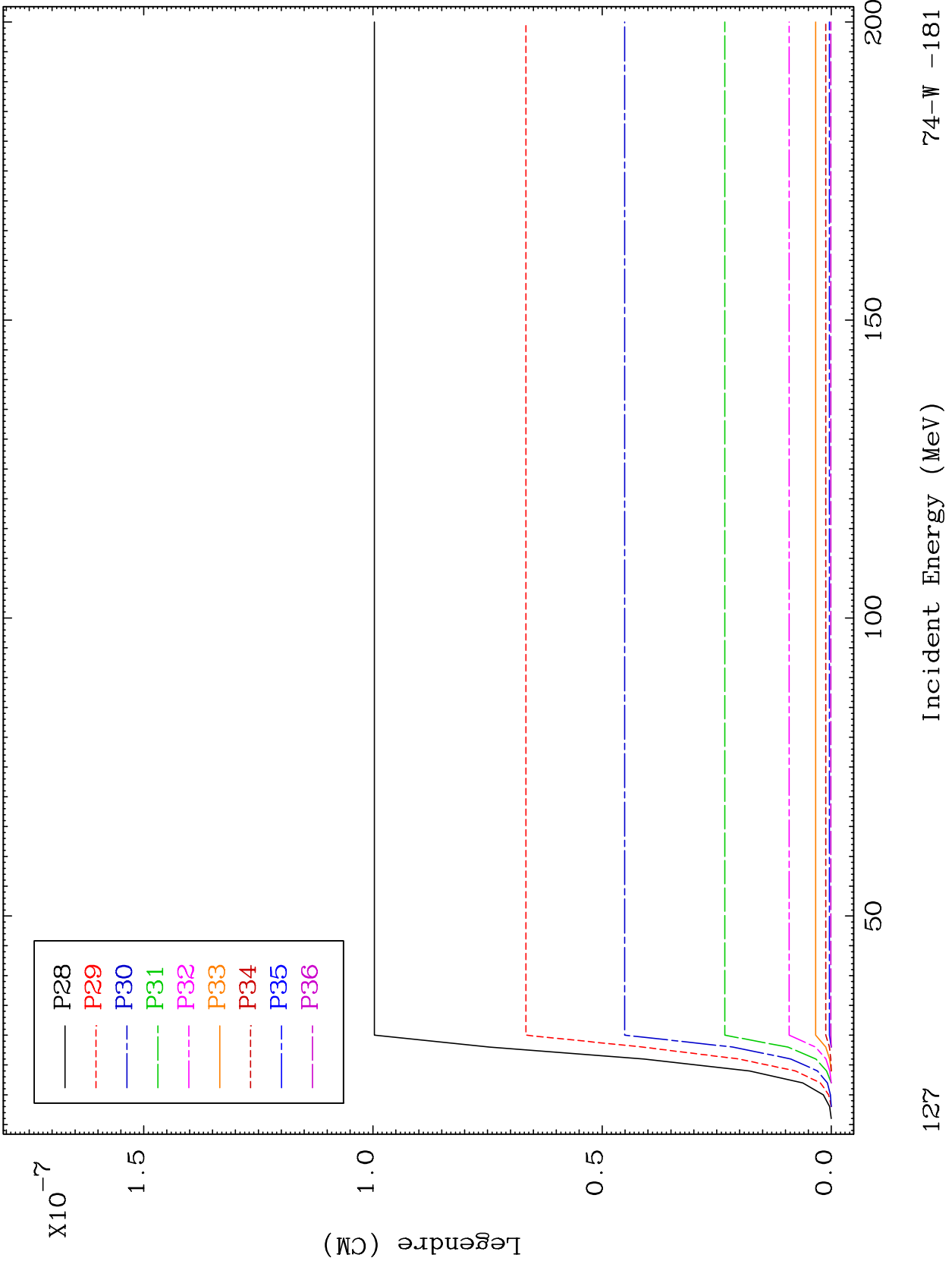


125

Incident Energy (MeV)

74-W -181



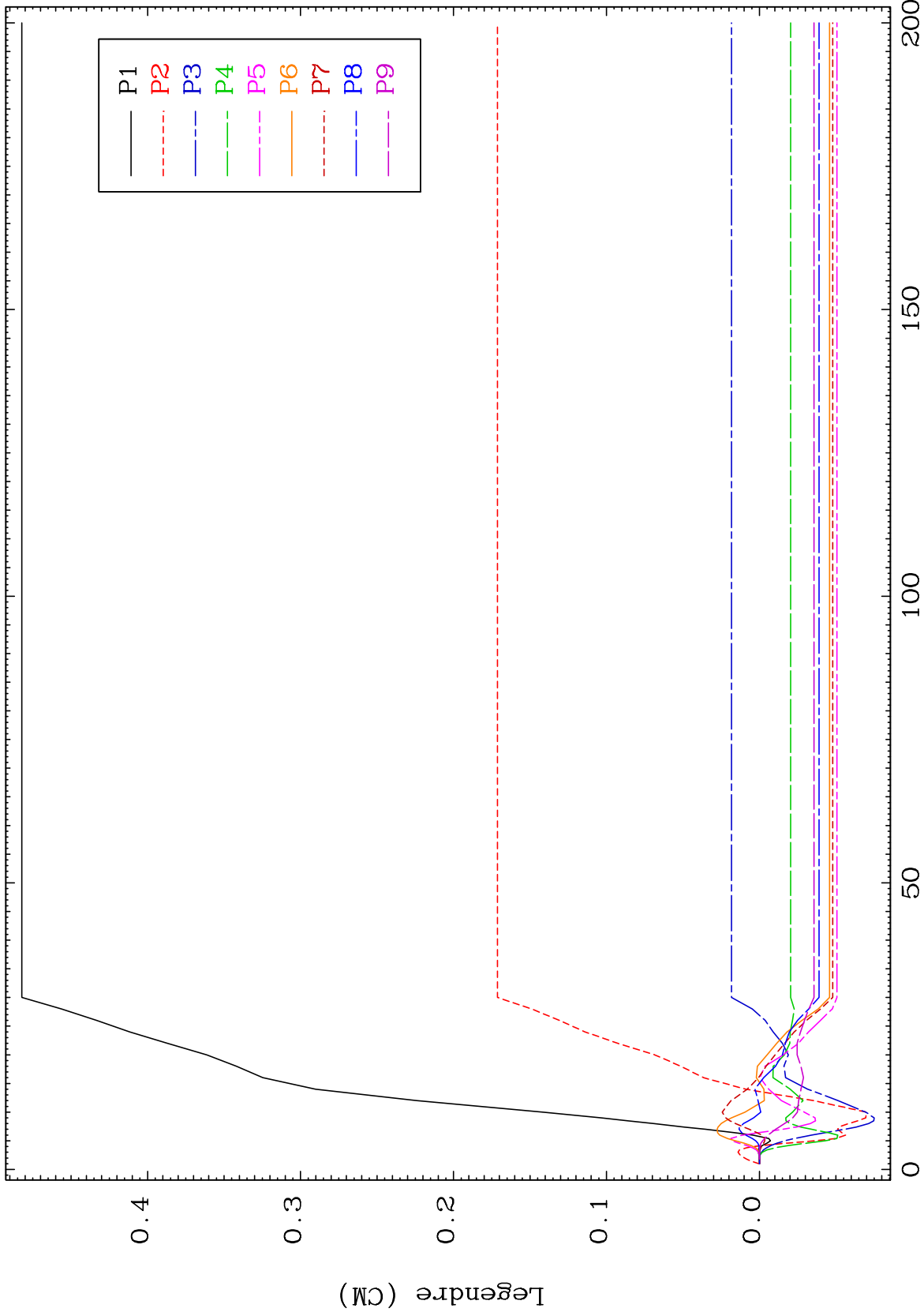




MAT 7428

975.3 keV (n,n') Level  
Legendre Coefficients

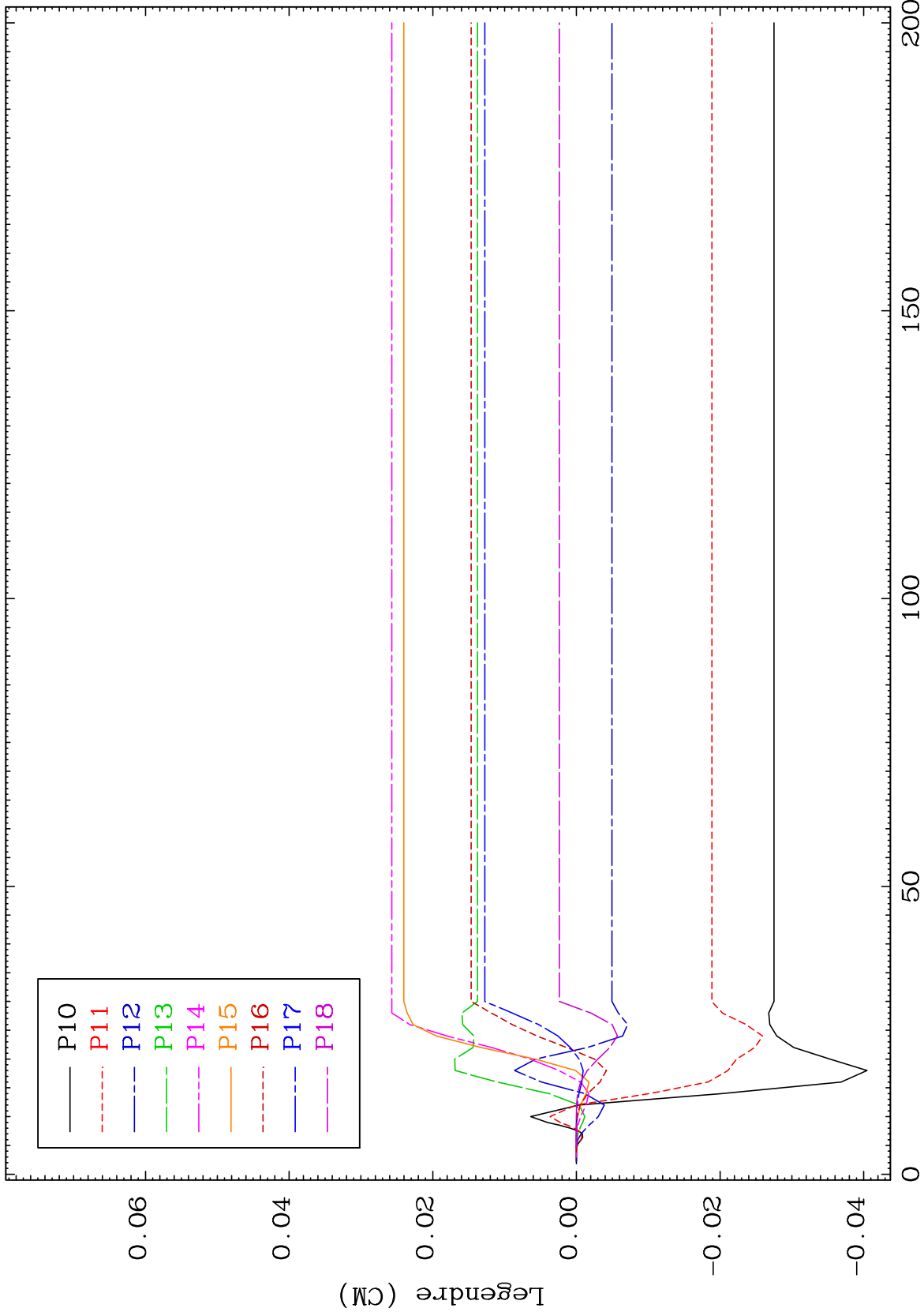
74-W -181



128

Incident Energy (MeV)

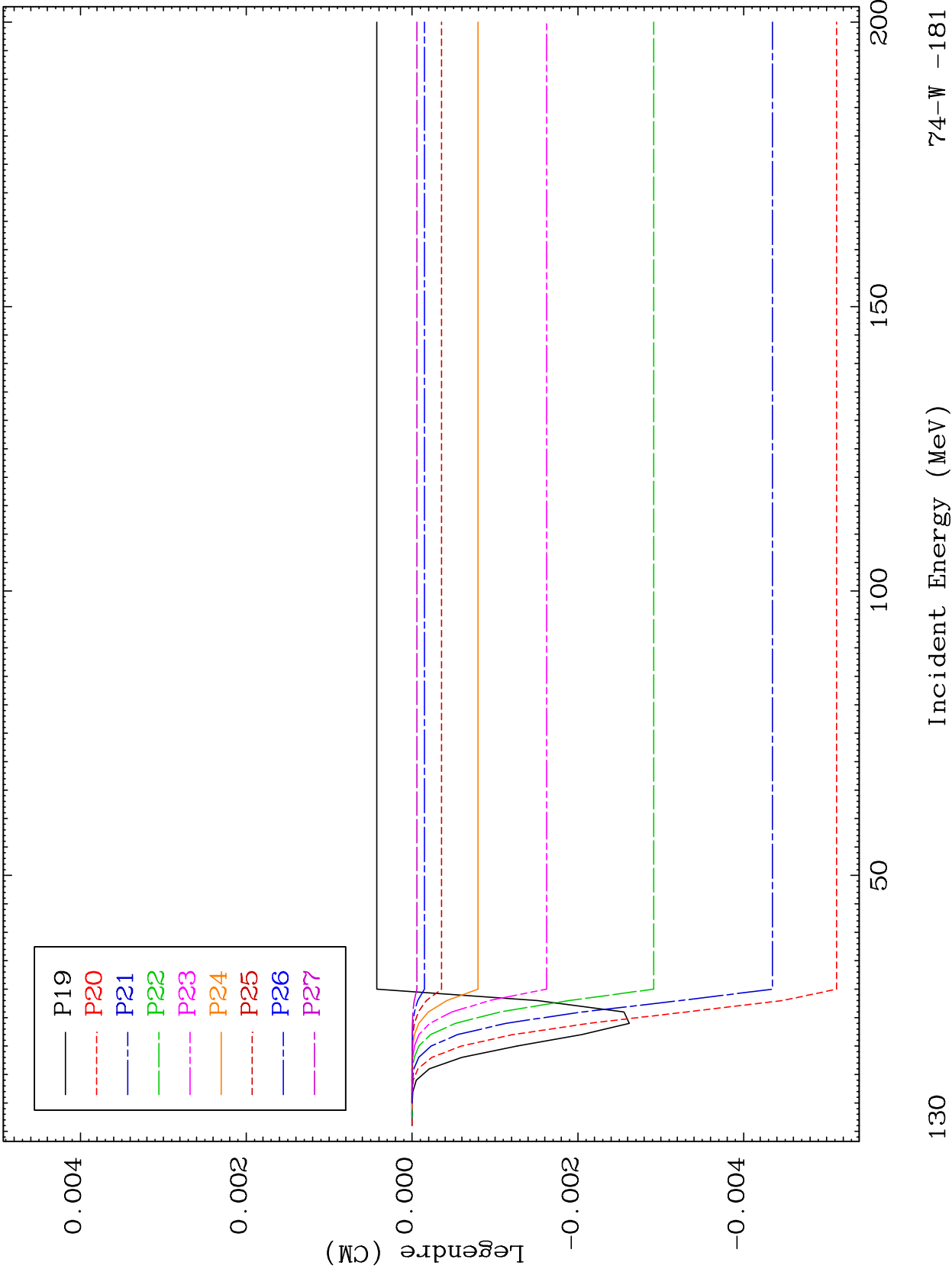
74-W -181



MAT 7428

975.3 keV (n,n') Level  
Legendre Coefficients

74-W -181



130

Incident Energy (MeV)

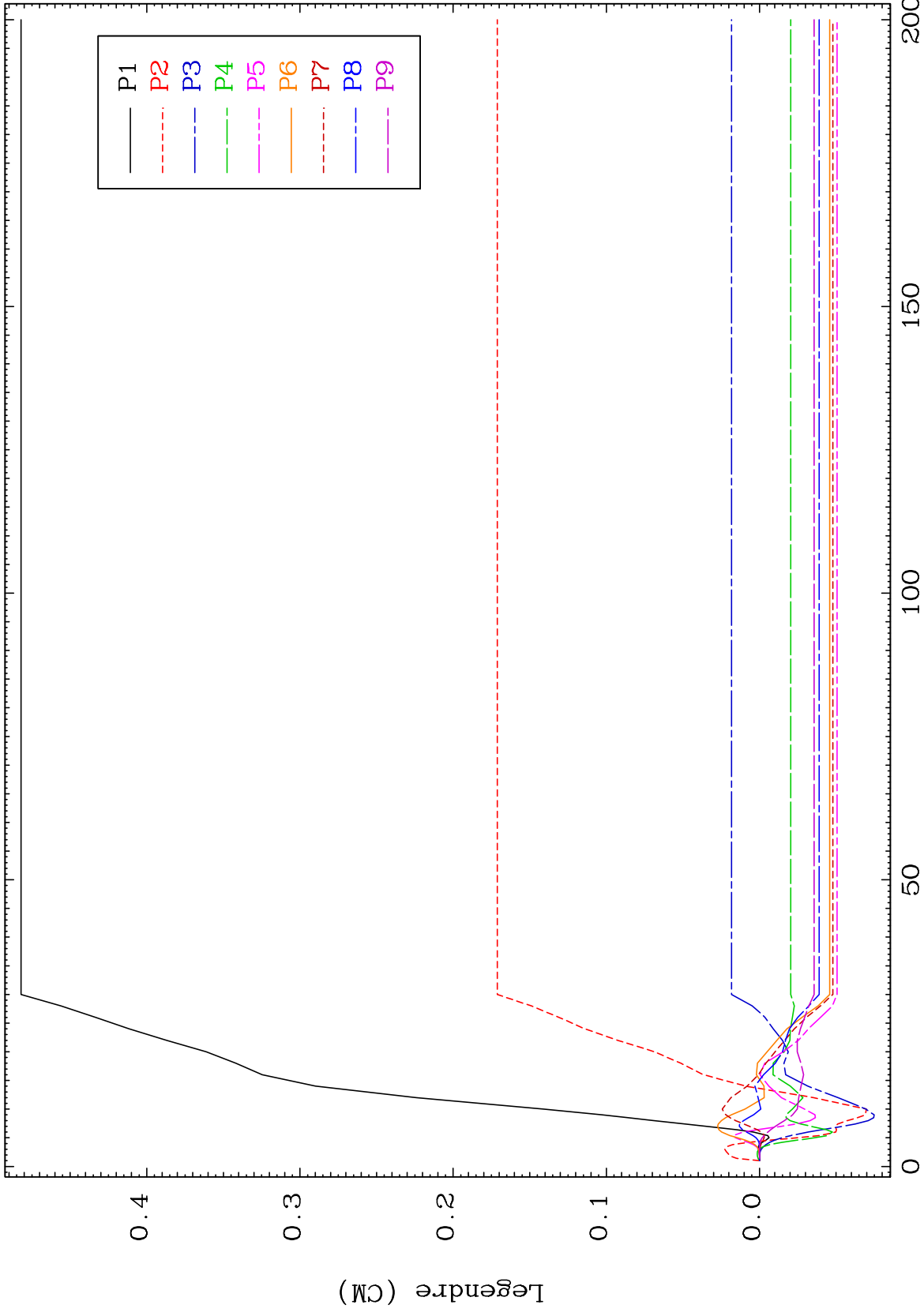
74-W -181



MAT 7428

993.5 keV (n,n') Level  
Legendre Coefficients

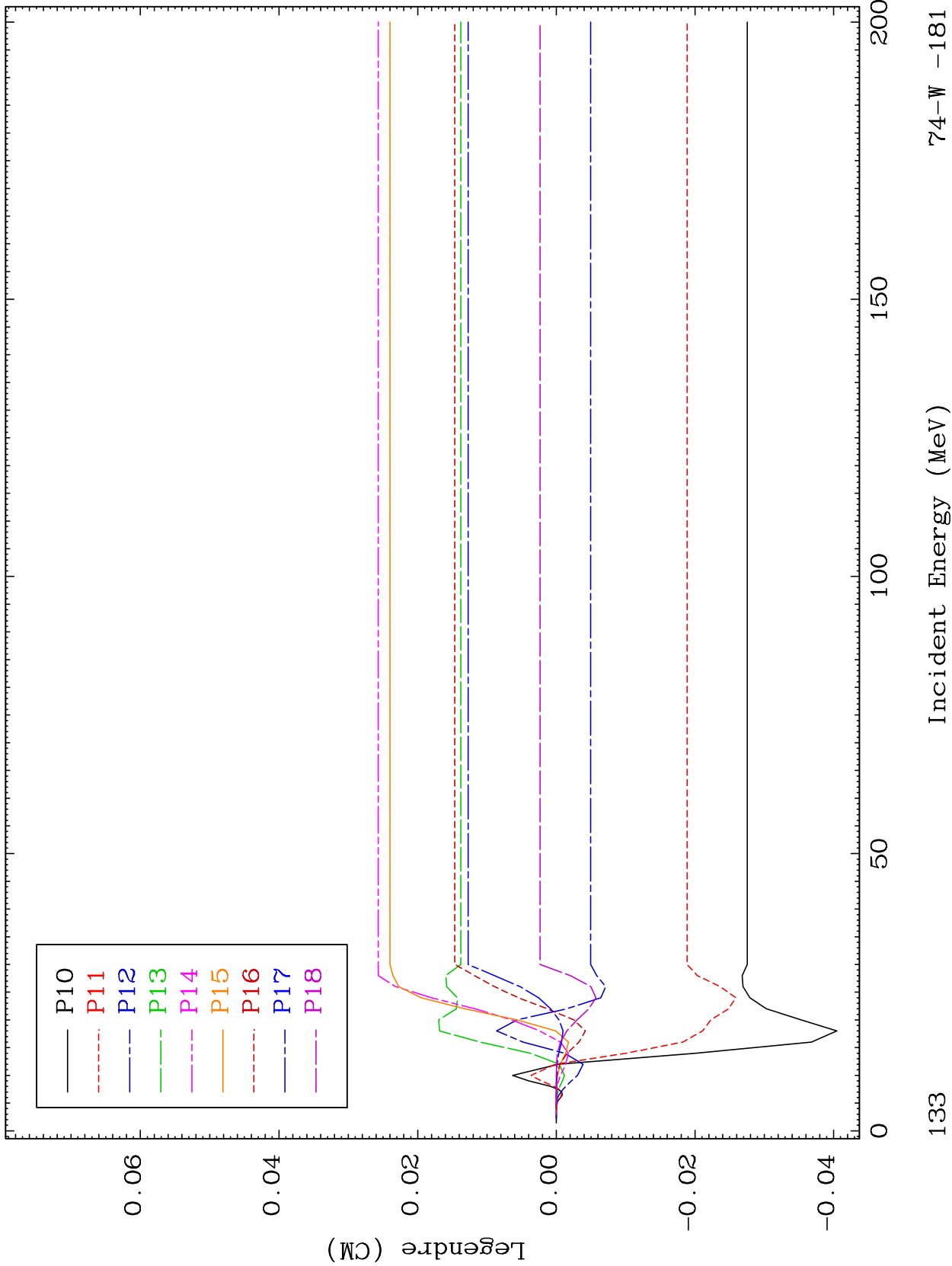
74-W -181

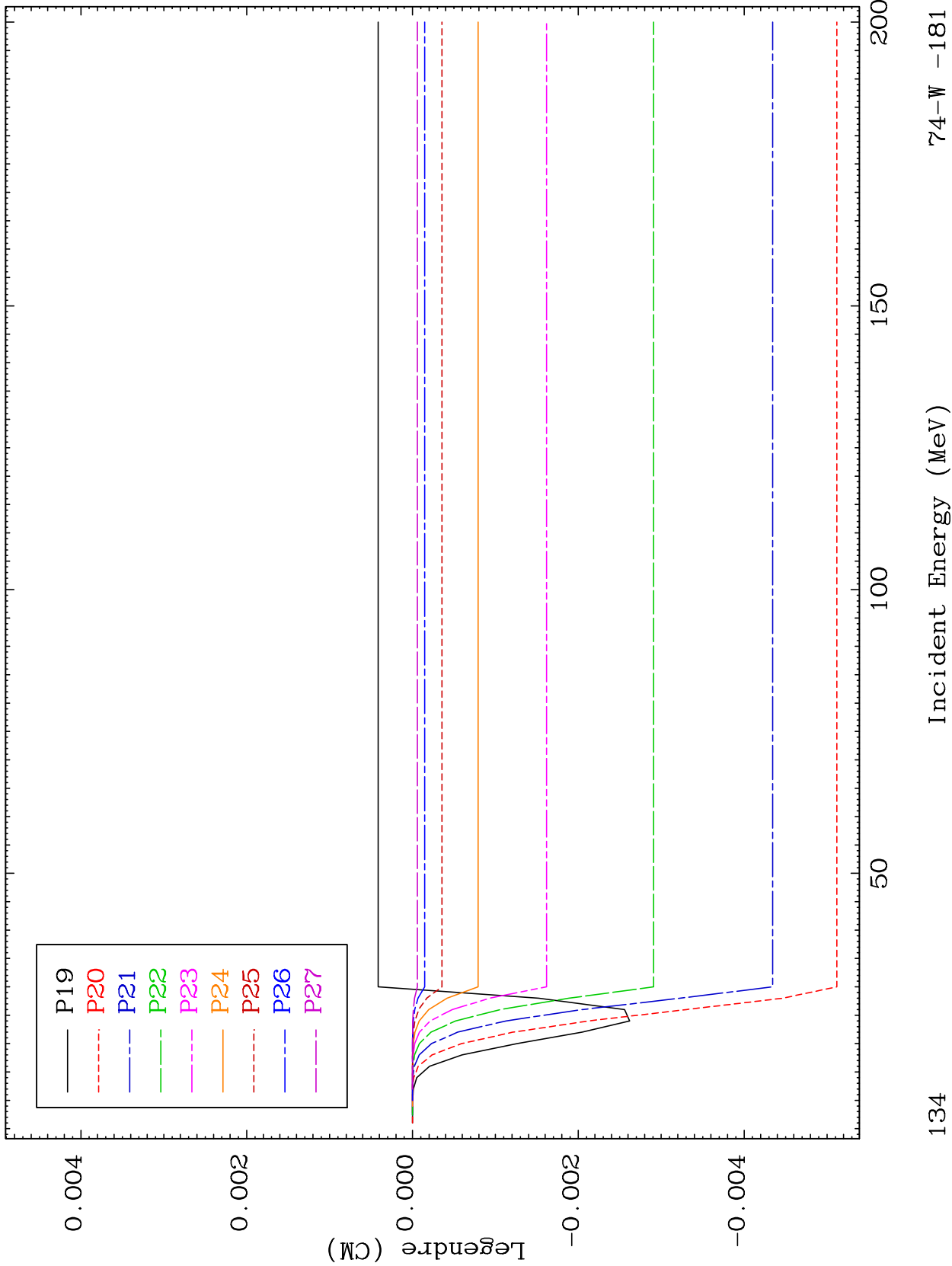


132

Incident Energy (MeV)

74-W -181

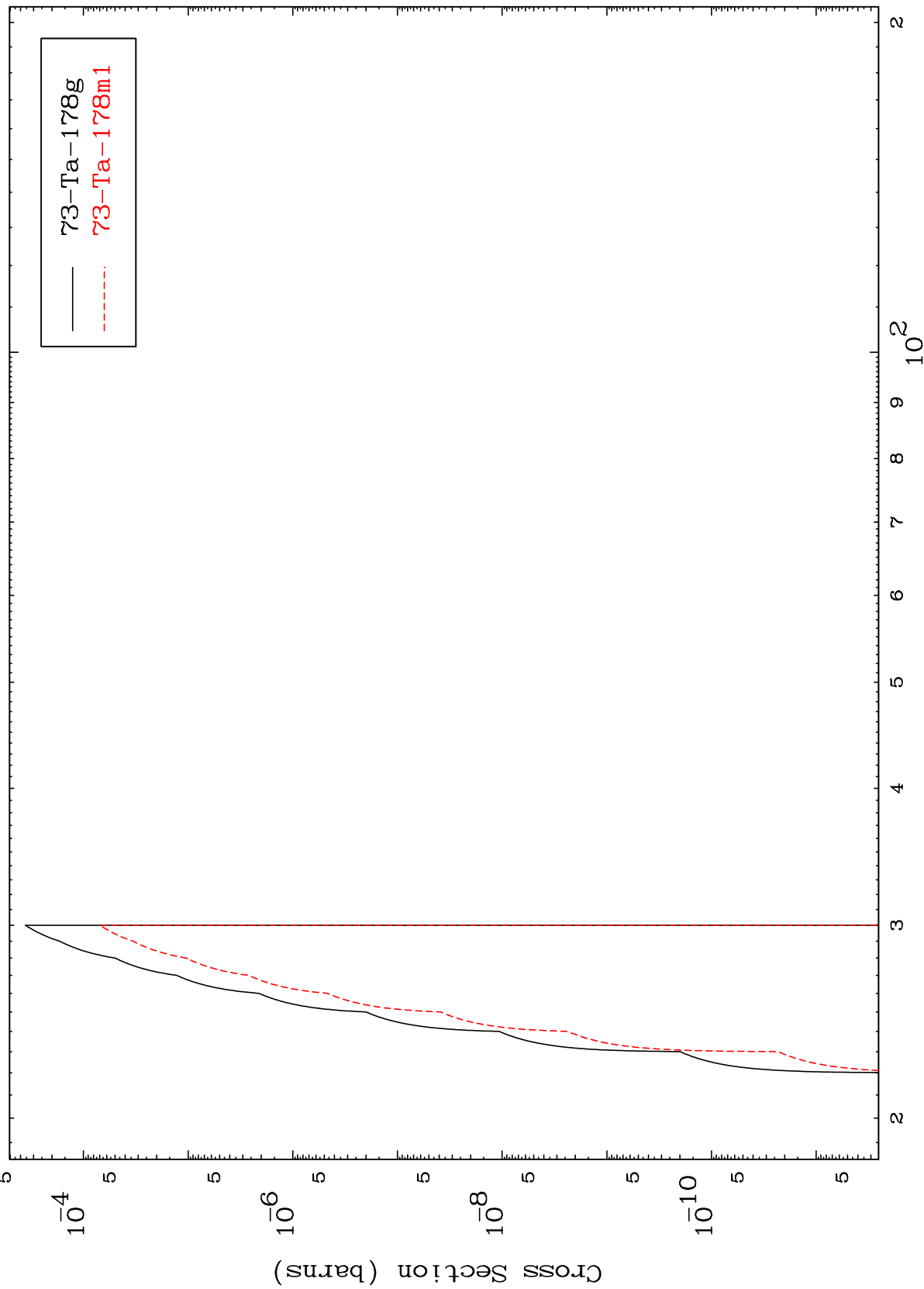




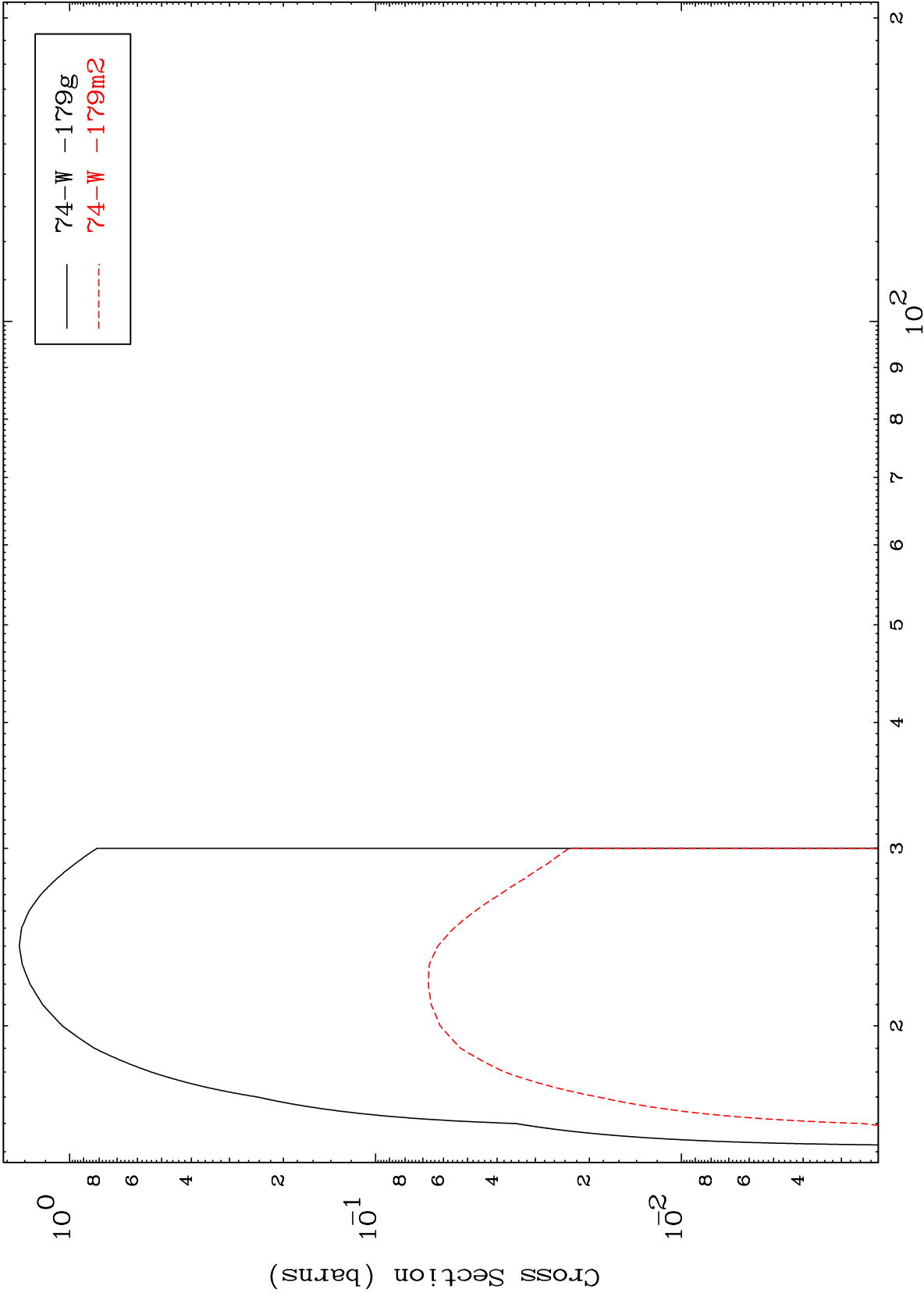




Radionuclide Production Cross Section



(n,3n)  
Radionuclide Production Cross Section

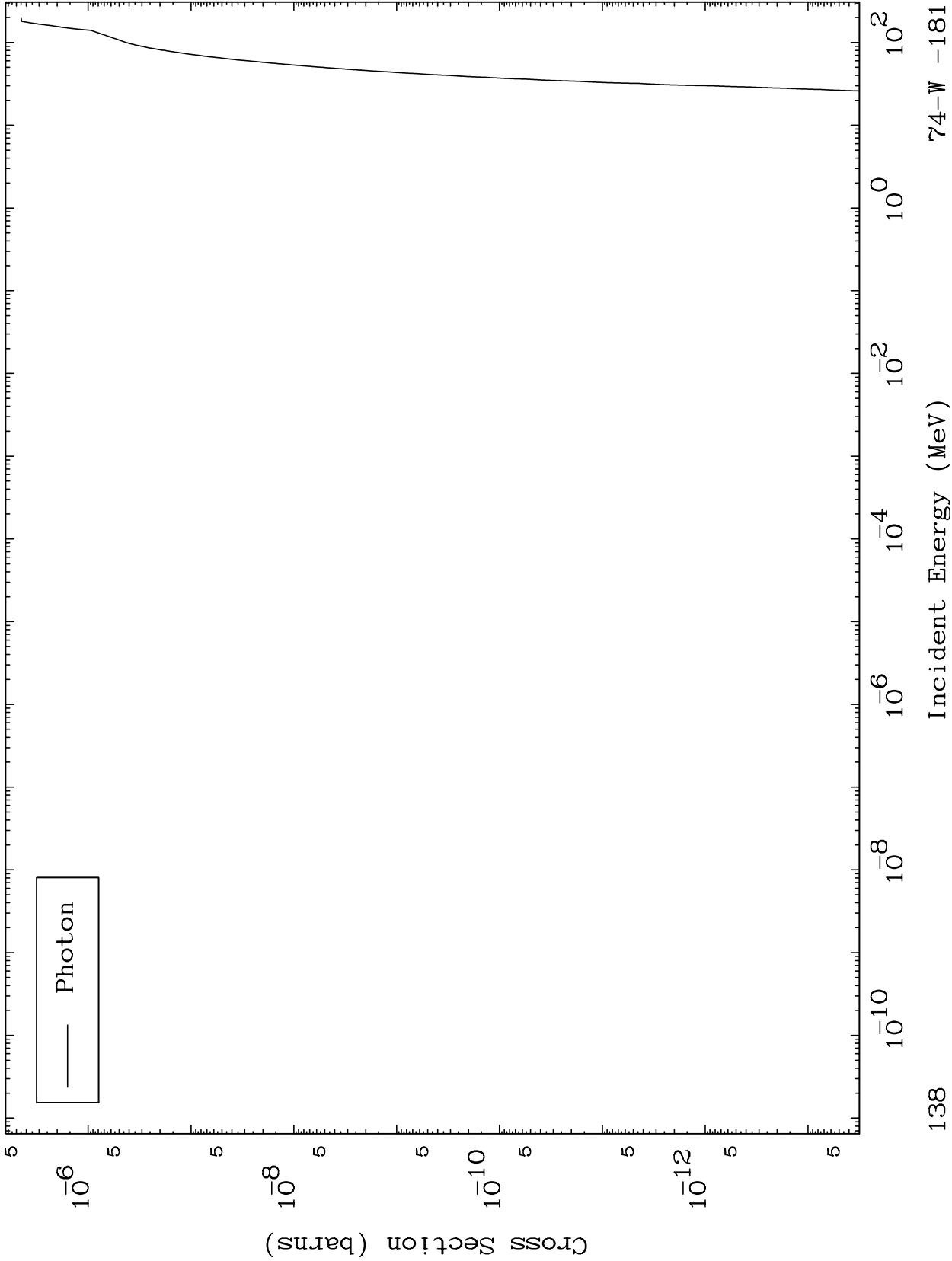


MAT 7428

Fission

74-W -181

Radionuclide Production Cross Section



138

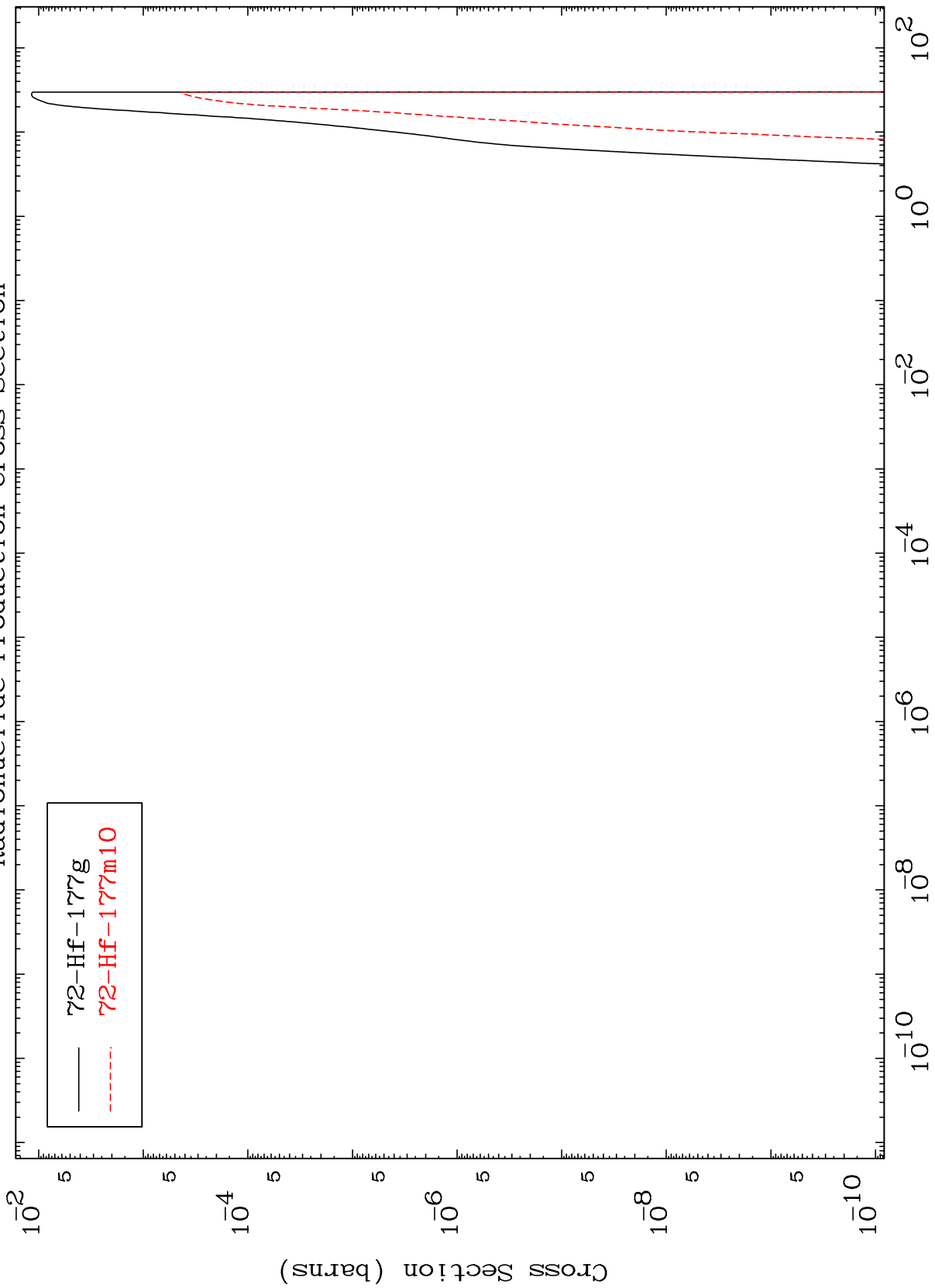
74-W -181

MAT 7428

(n,n')  $\alpha$

74-W -181

Radionuclide Production Cross Section



—  $^{72}\text{Hf-177g}$   
- - -  $^{72}\text{Hf-177m10}$

139

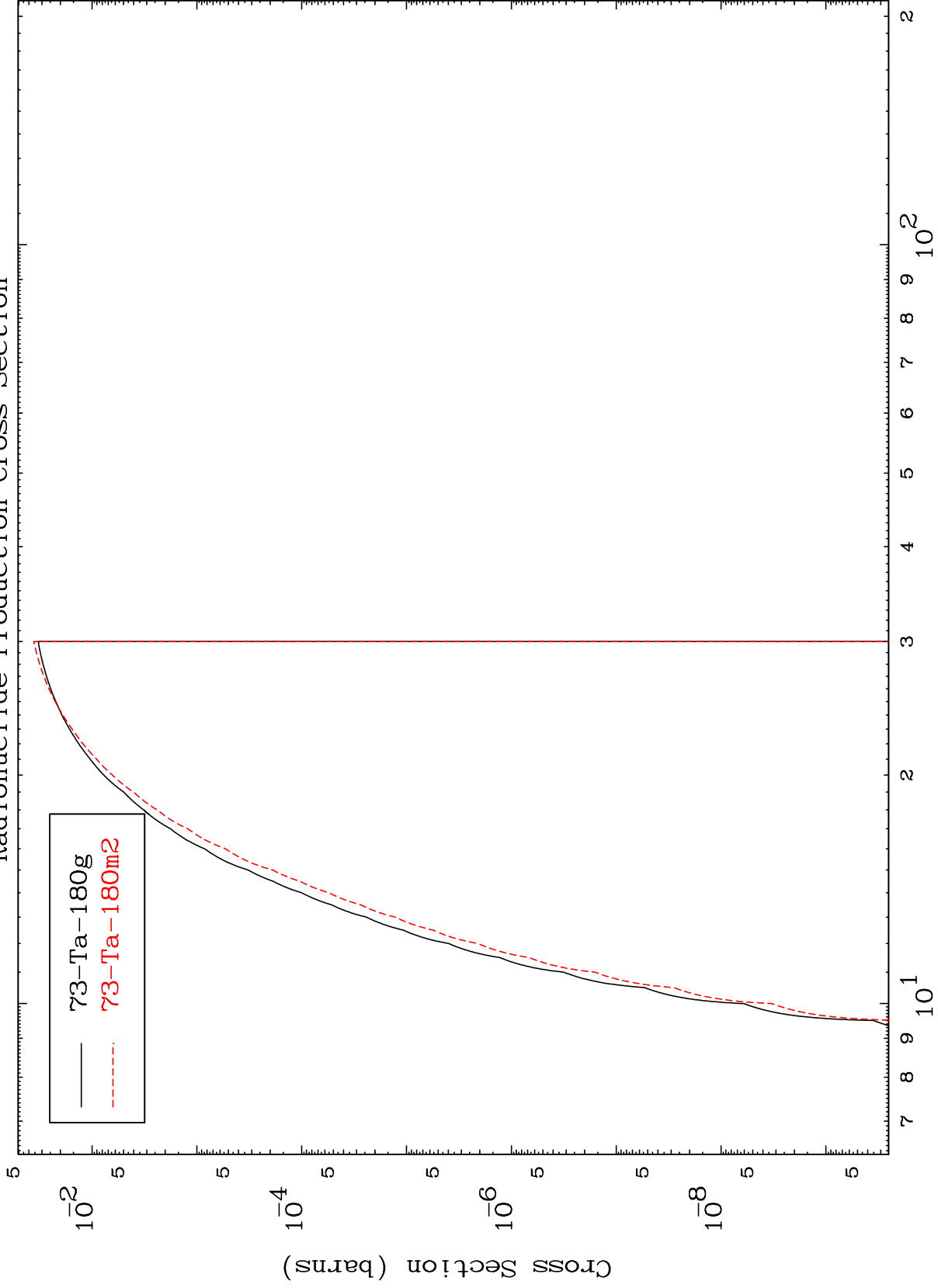
Incident Energy (MeV)

74-W -181

MAT 7428

74-W -181

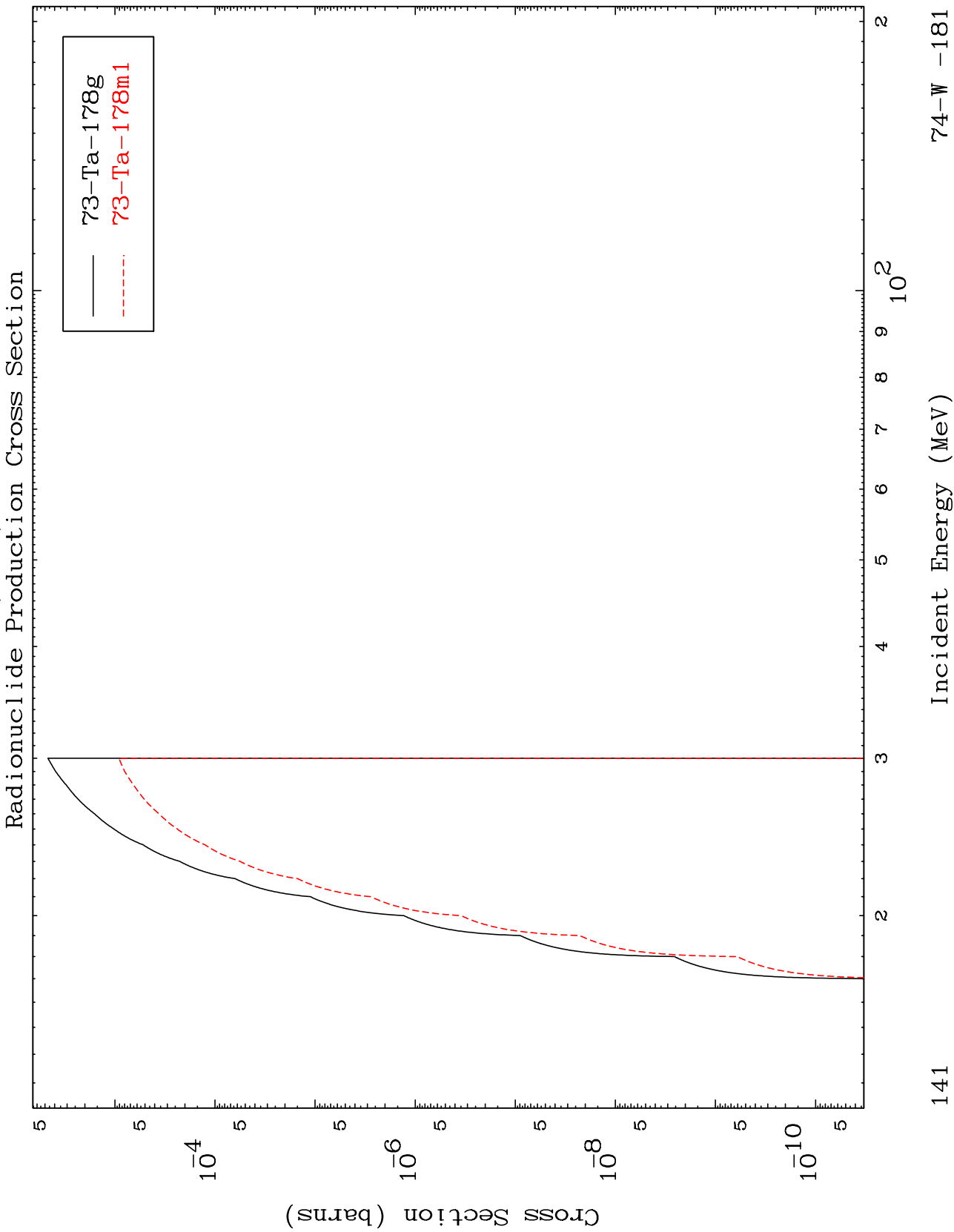
(n,n') p  
Radionuclide Production Cross Section



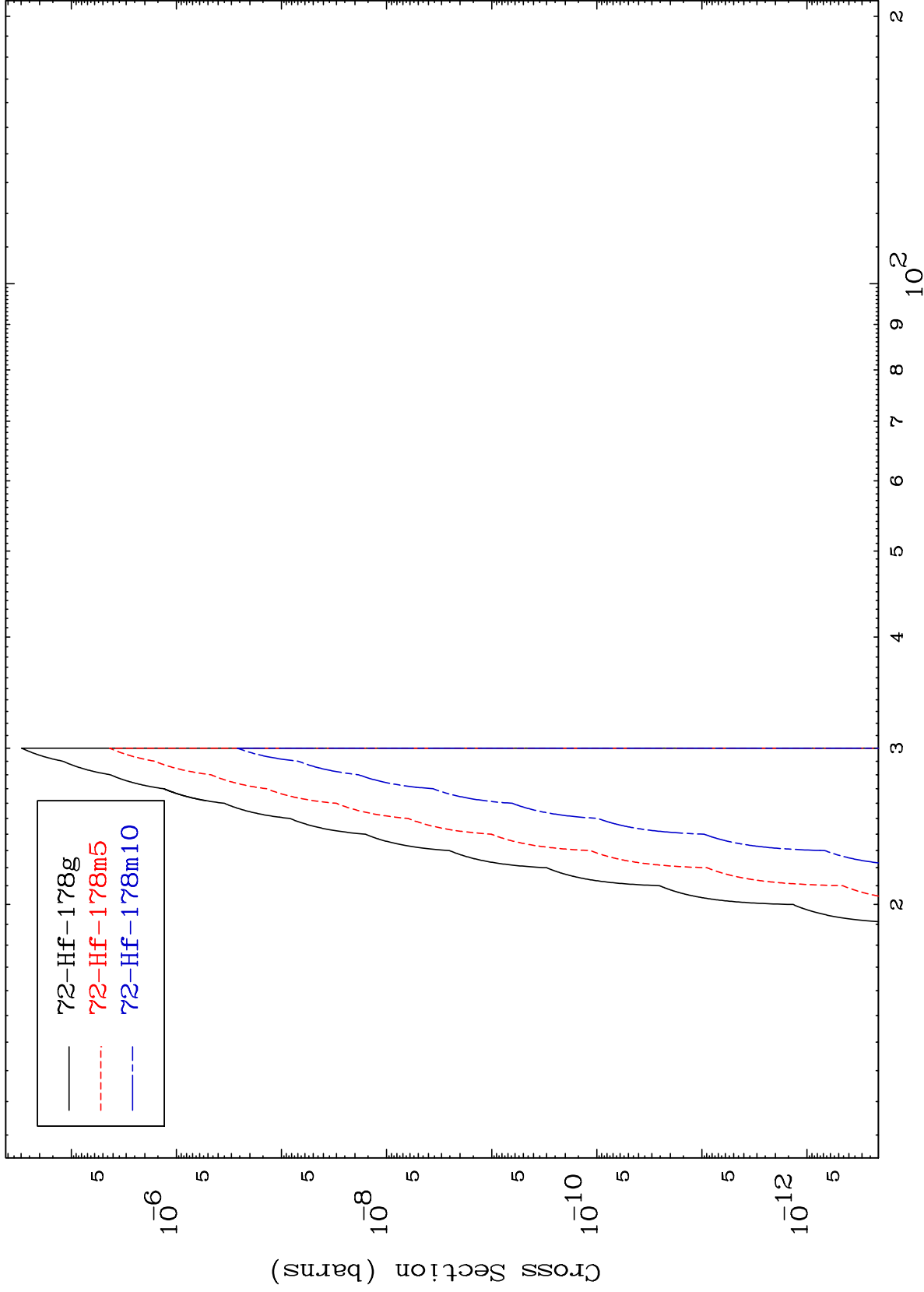
140

Incident Energy (MeV)

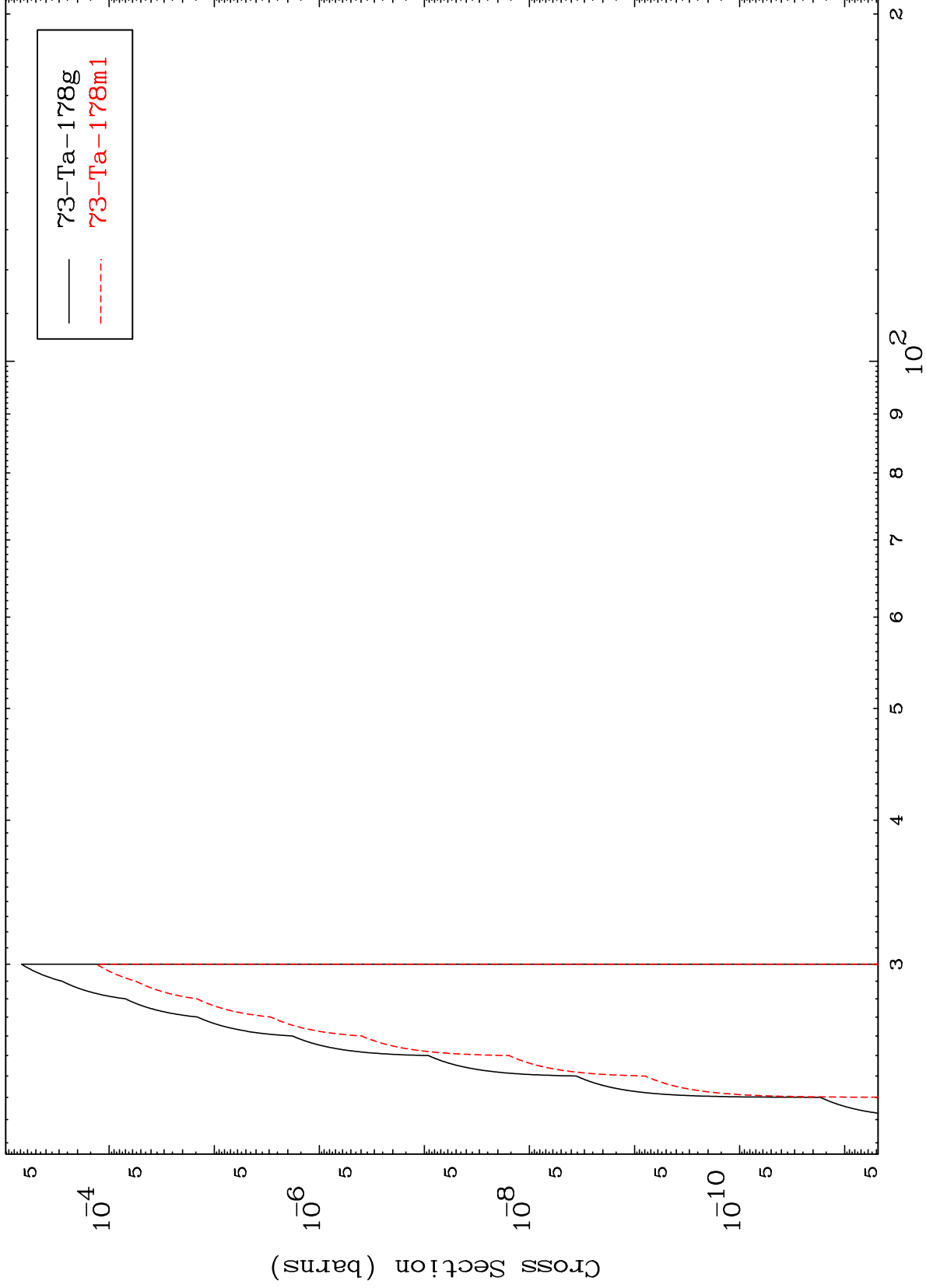
74-W -181



Radionuclide Production Cross Section

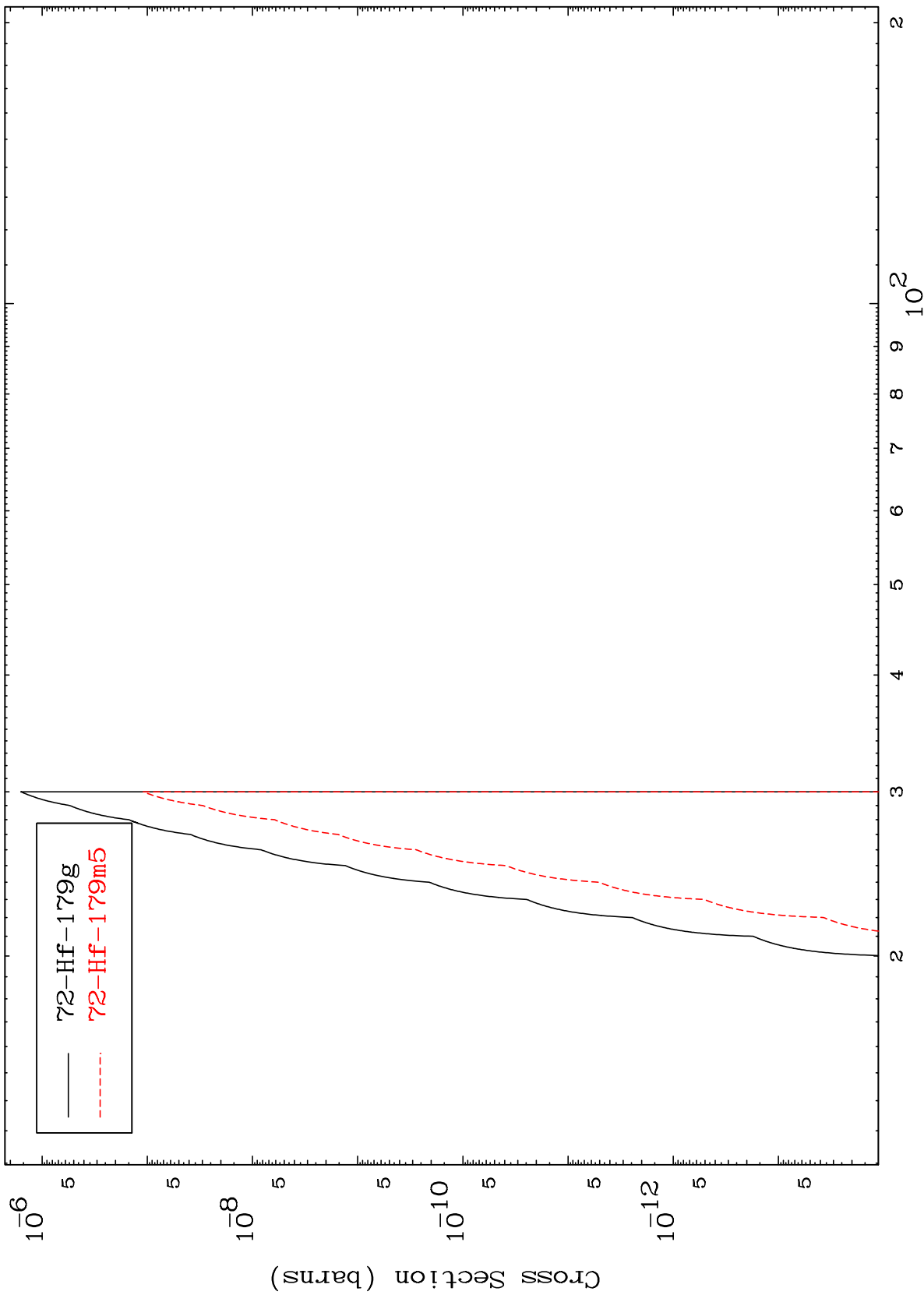


Radionuclide Production Cross Section





Radionuclide Production Cross Section

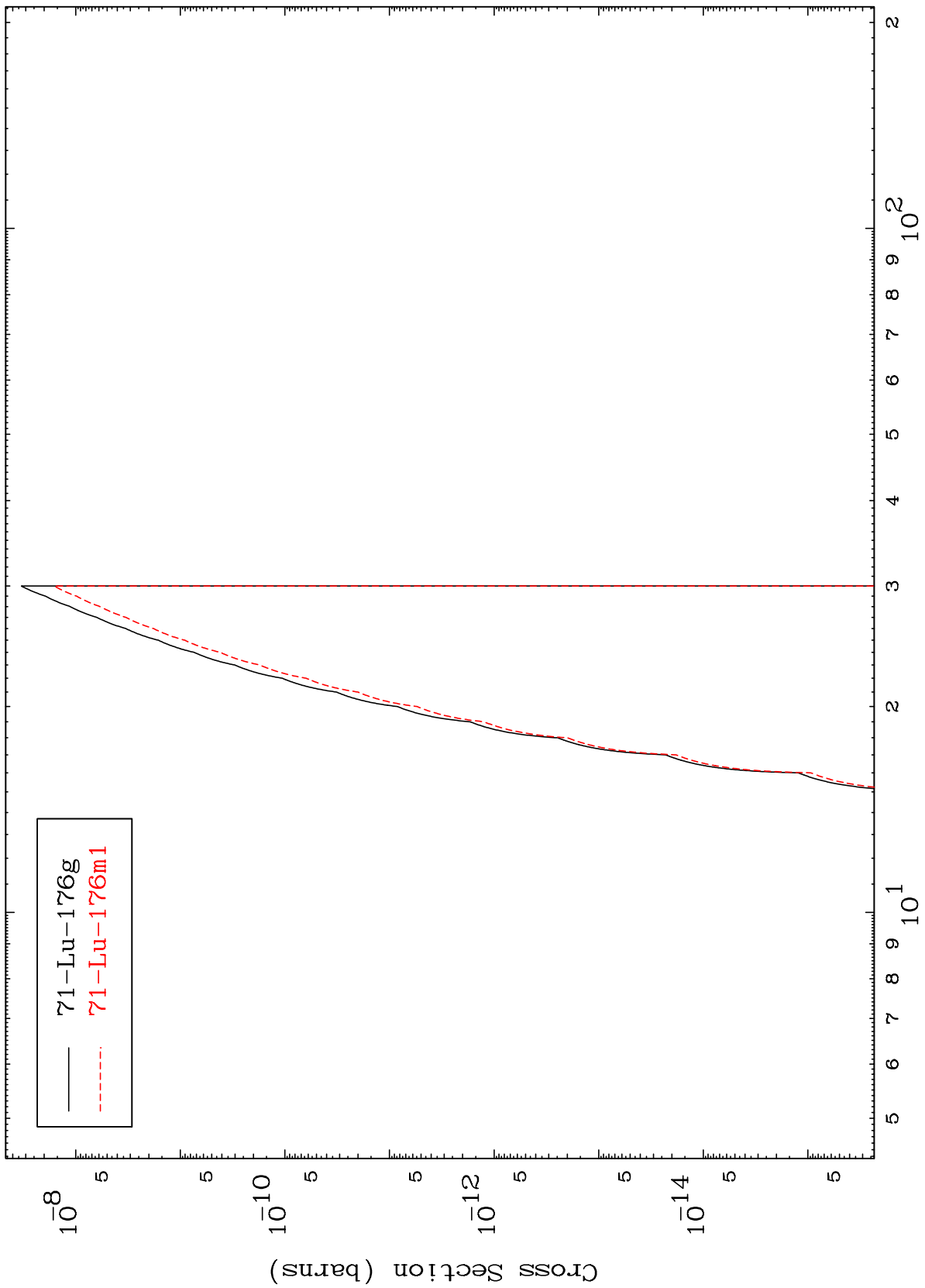


MAT 7428

(n,n') p  $\alpha$

74-W -181

Radionuclide Production Cross Section



—  $^{71}\text{Lu-176g}$   
- - -  $^{71}\text{Lu-176m1}$

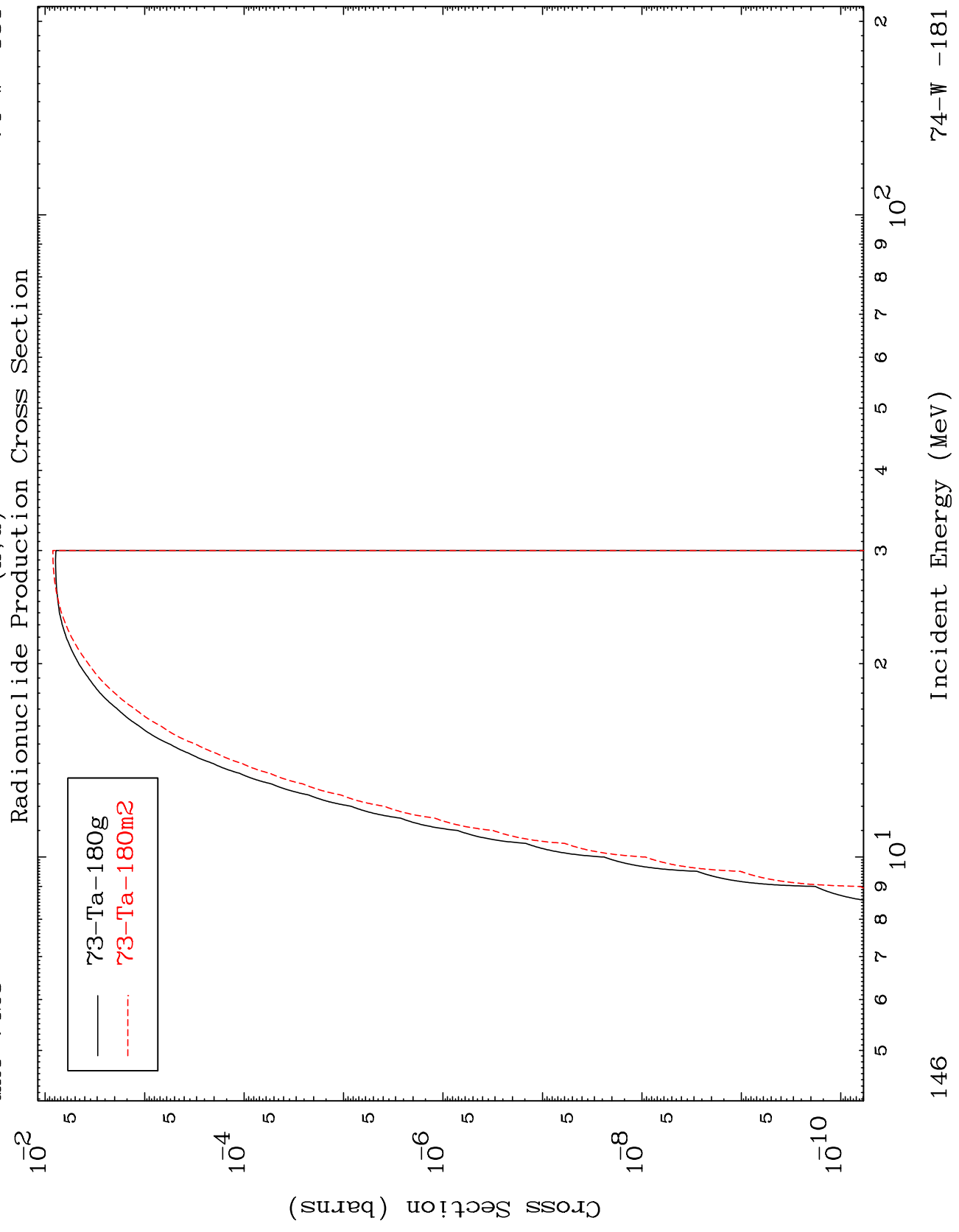
145

Incident Energy (MeV)

74-W -181

MAT 7428

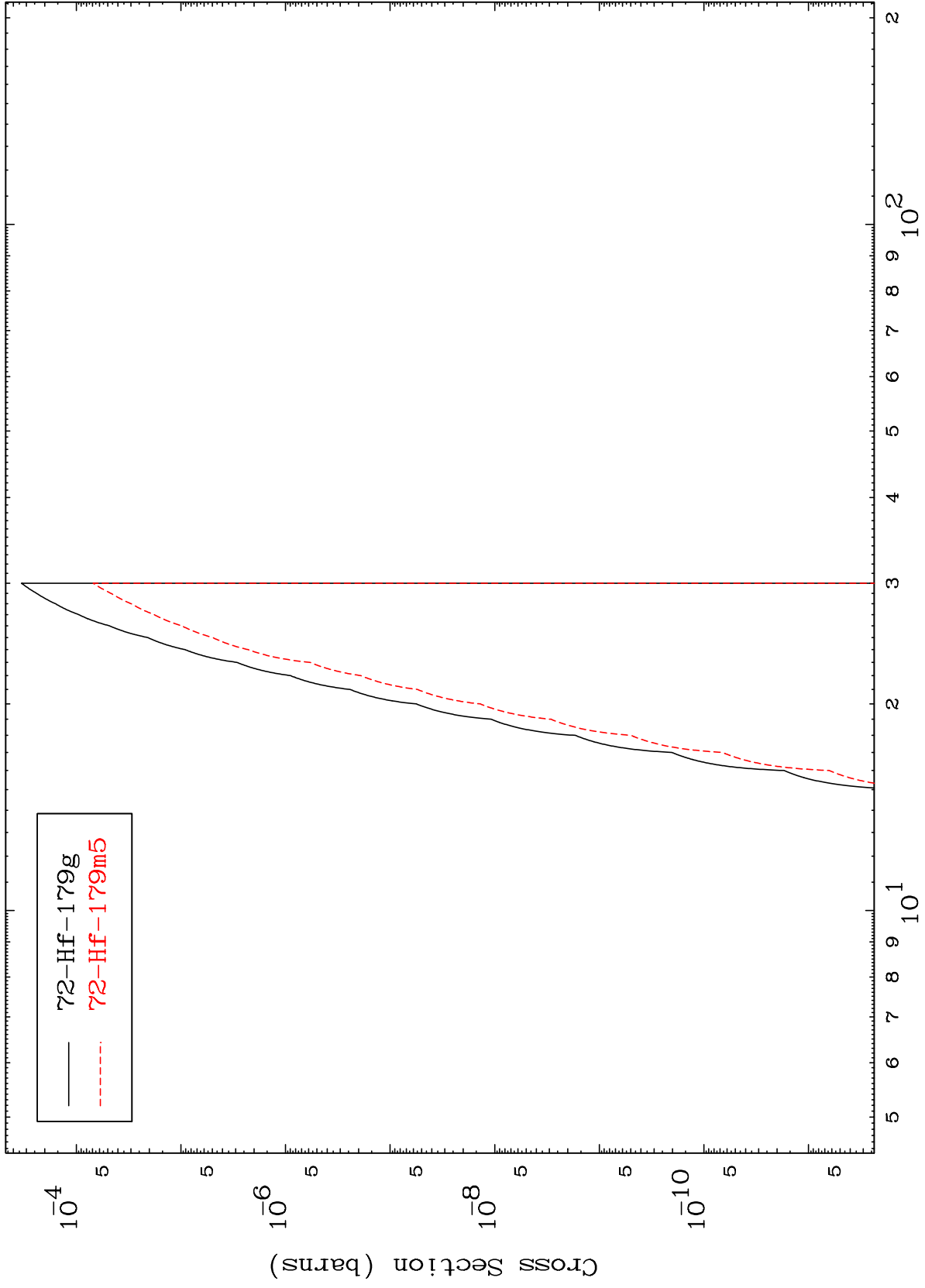
74-W -181

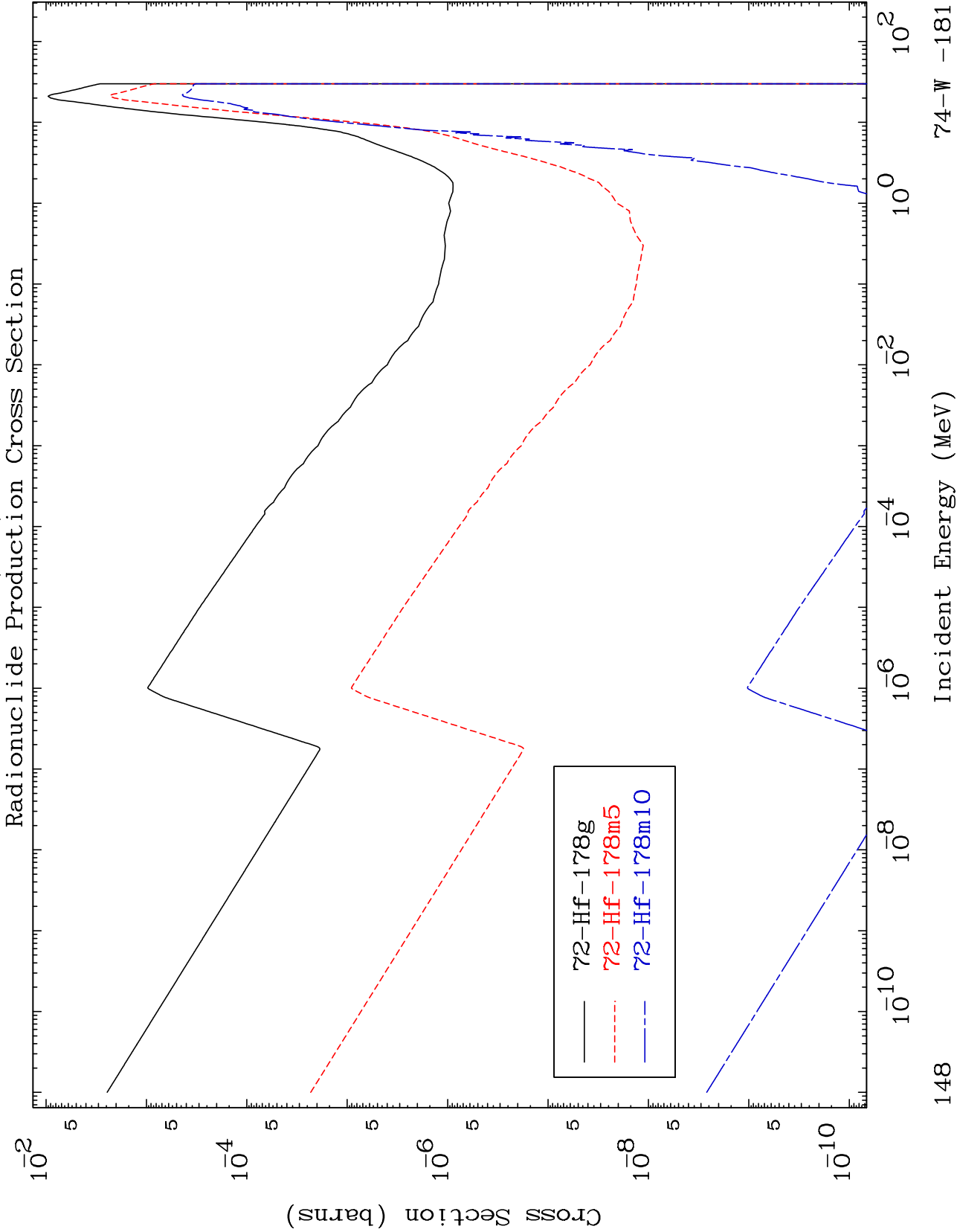


146

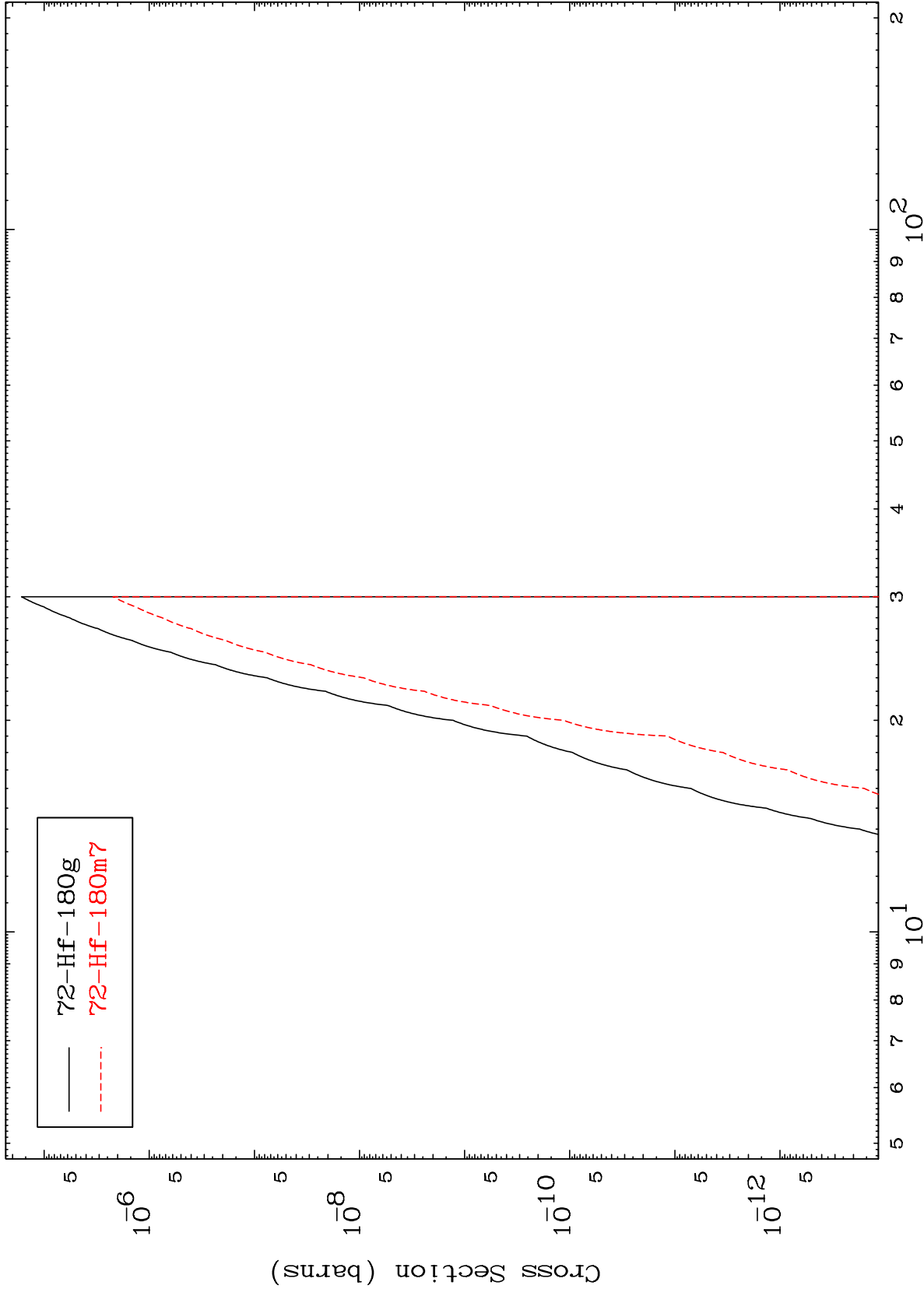
74-W -181

Radionuclide Production Cross Section





(n,2p)  
Radionuclide Production Cross Section

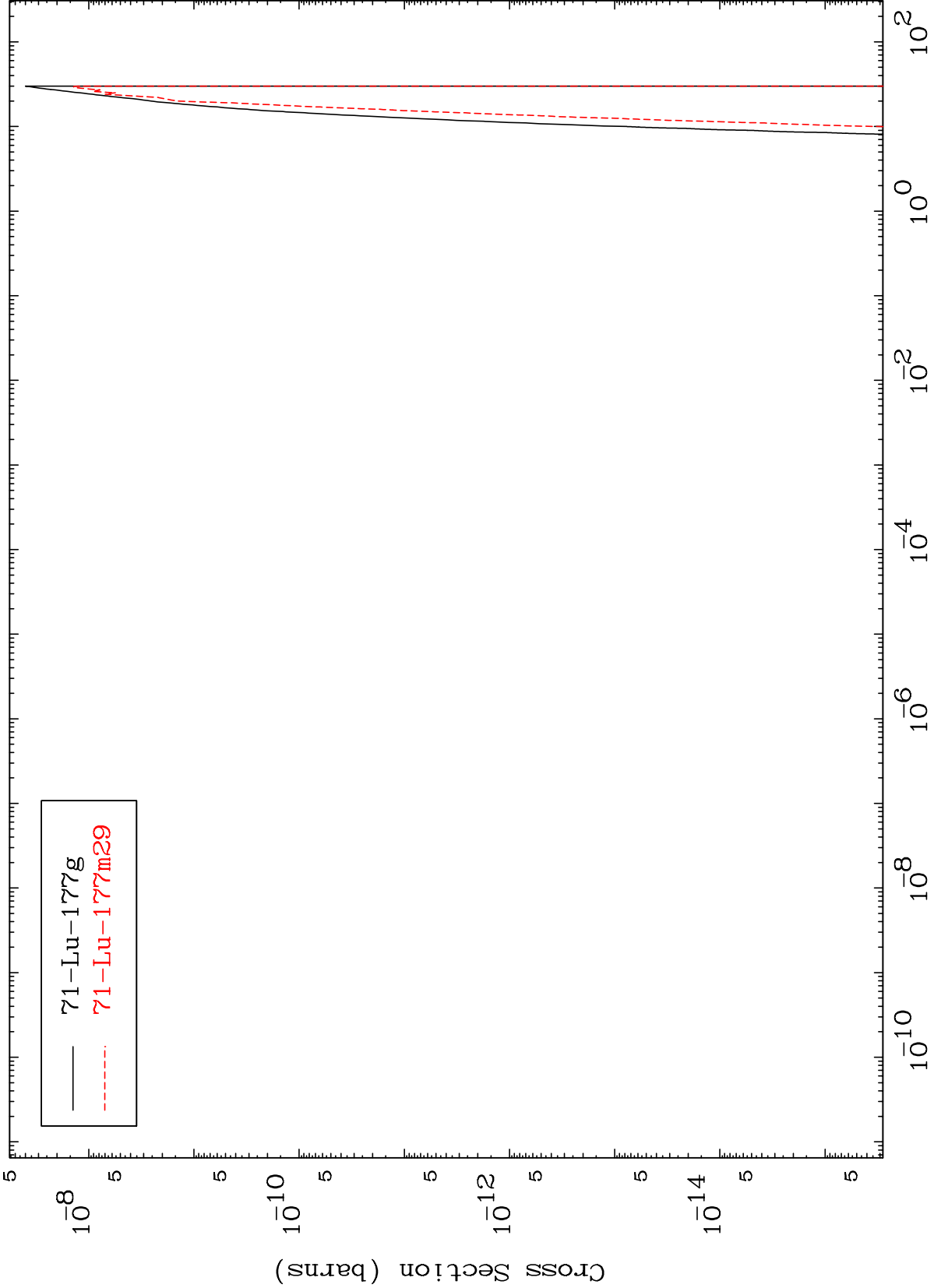


MAT 7428

(n,p)  $\alpha$

74-W -181

Radionuclide Production Cross Section



150

Incident Energy (MeV)

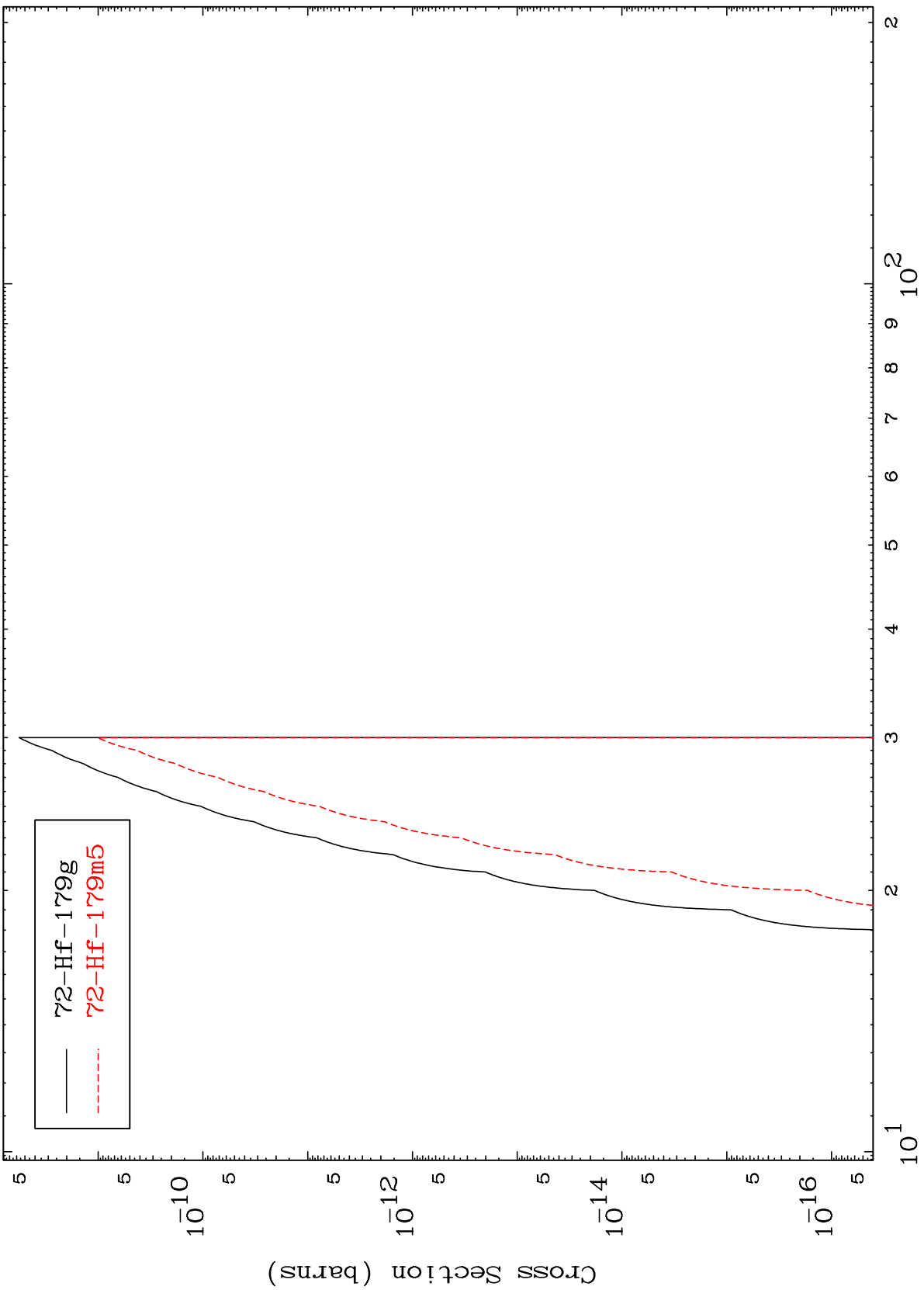
74-W -181

MAT 7428

(n,p) d

74-W -181

Radionuclide Production Cross Section



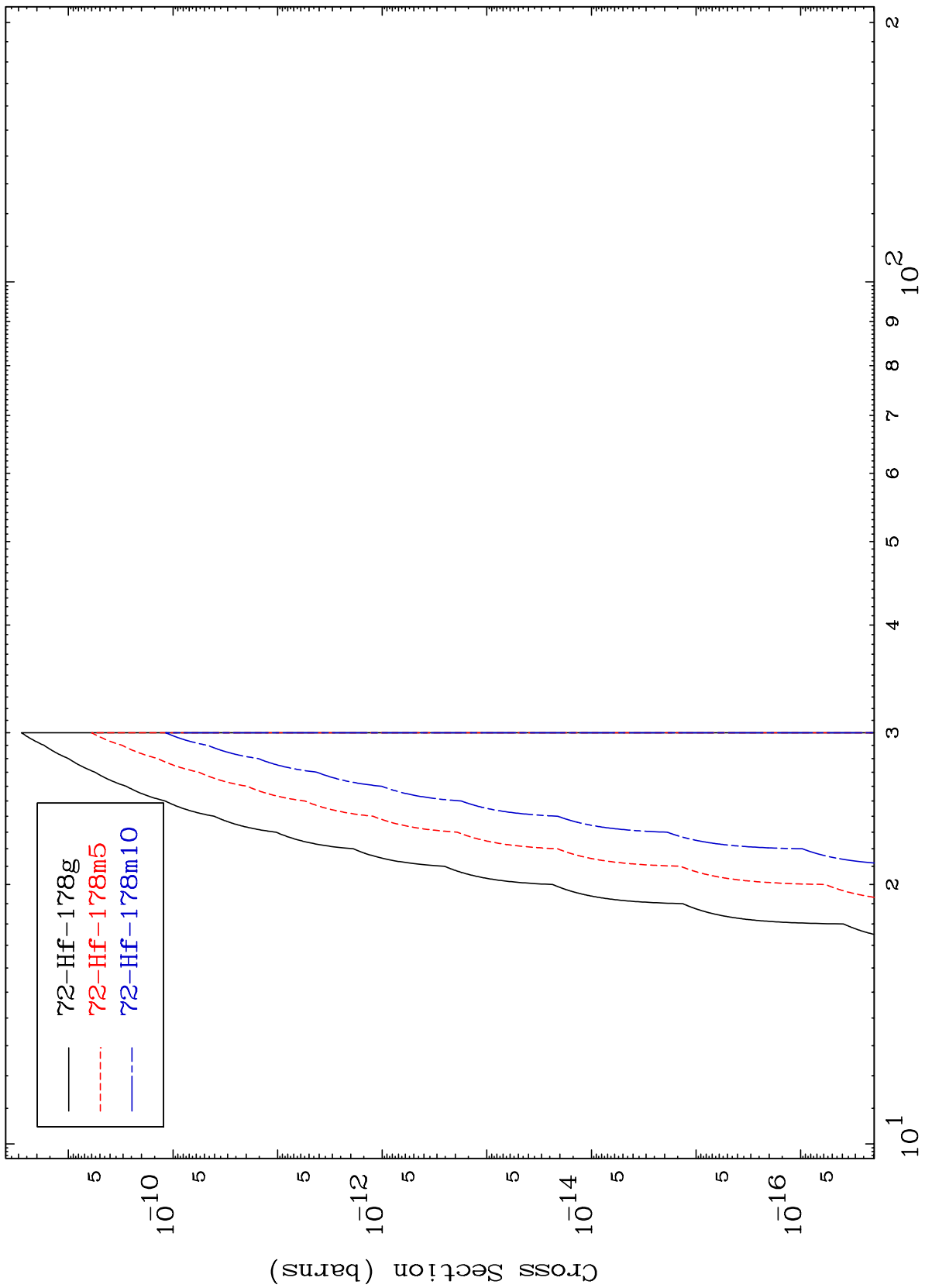
151

Incident Energy (MeV)

74-W -181



Radionuclide Production Cross Section



Radionuclide Production Cross Section

