

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

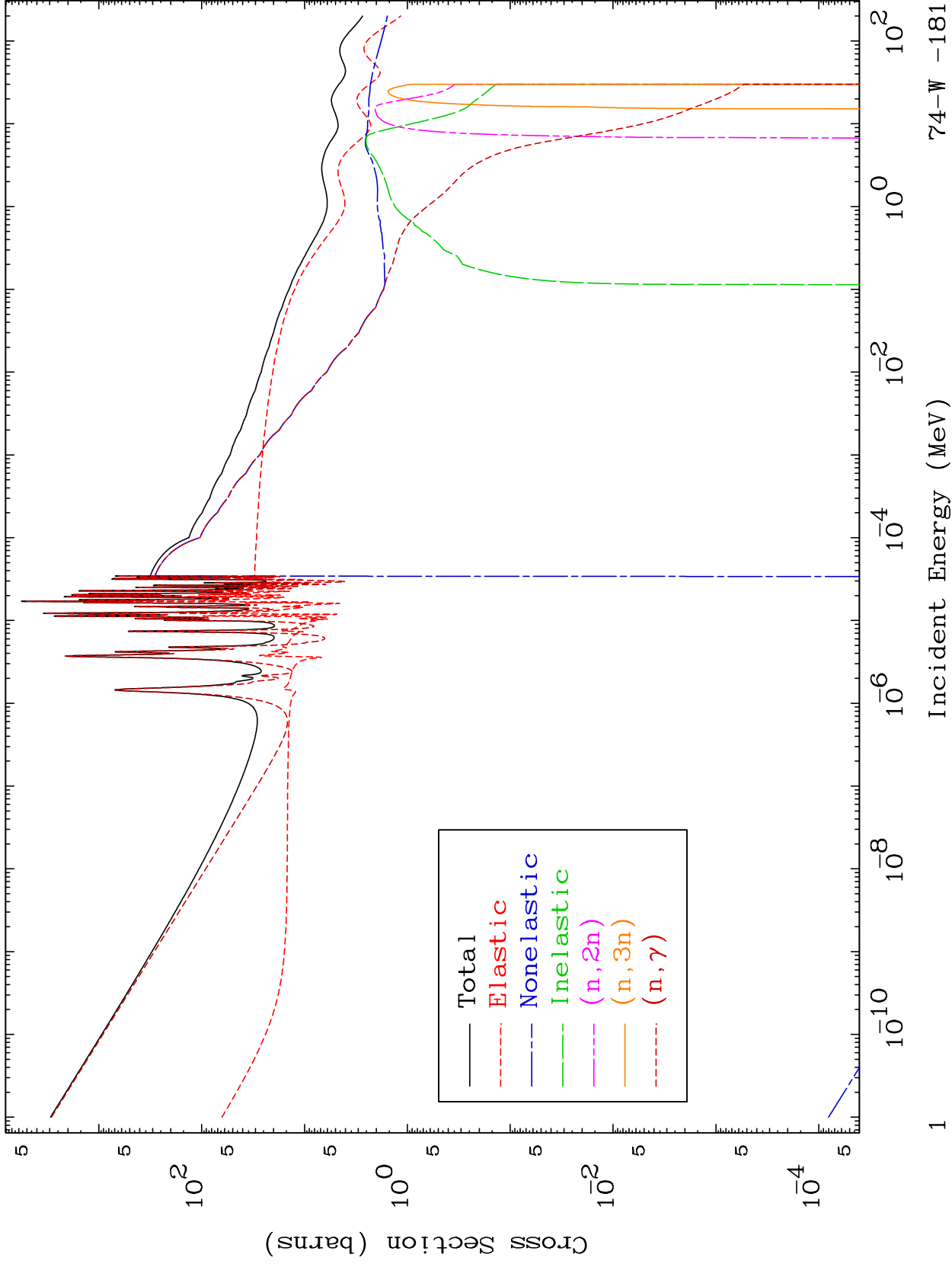
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

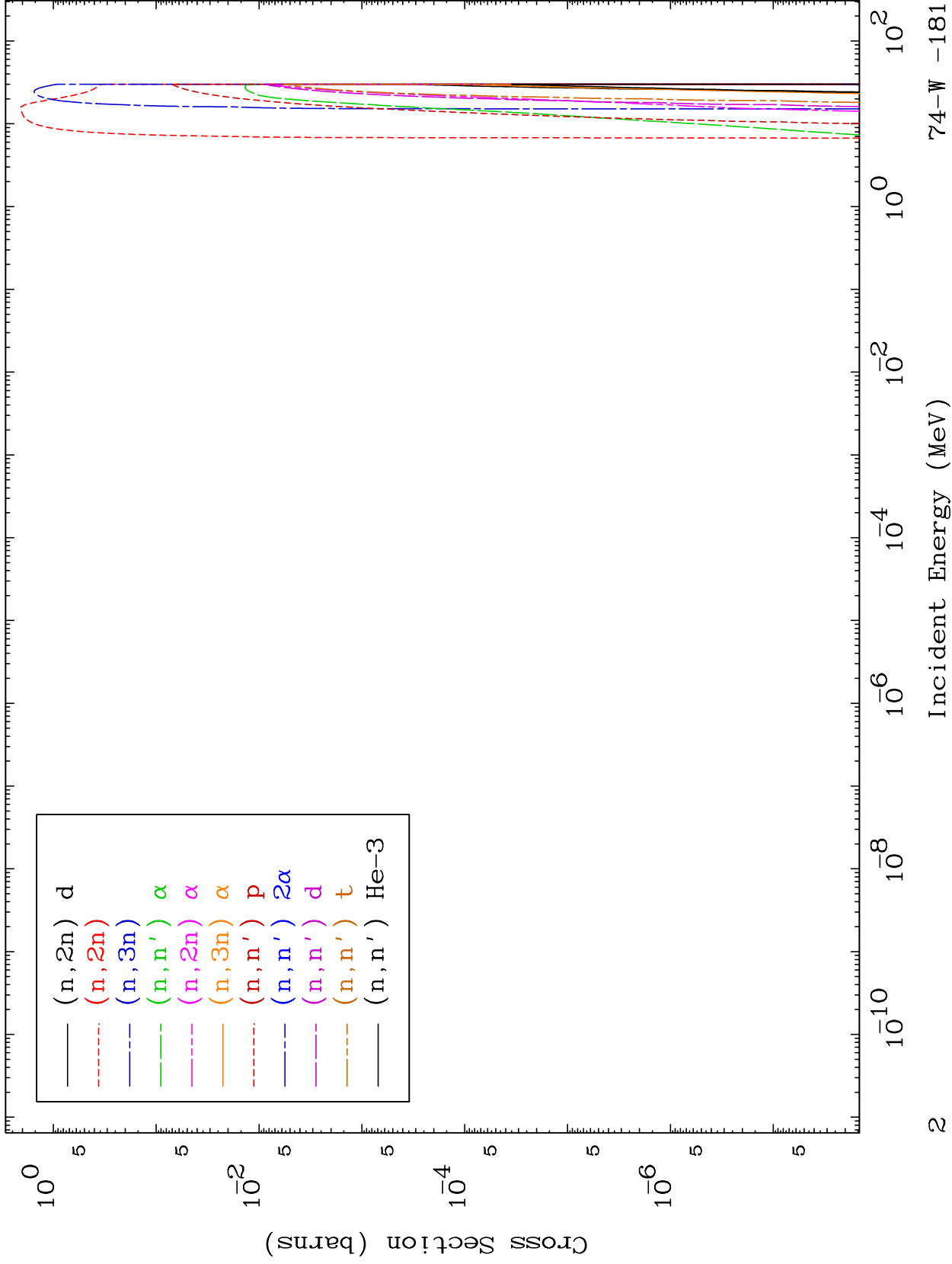
Tele: 925-443-1911

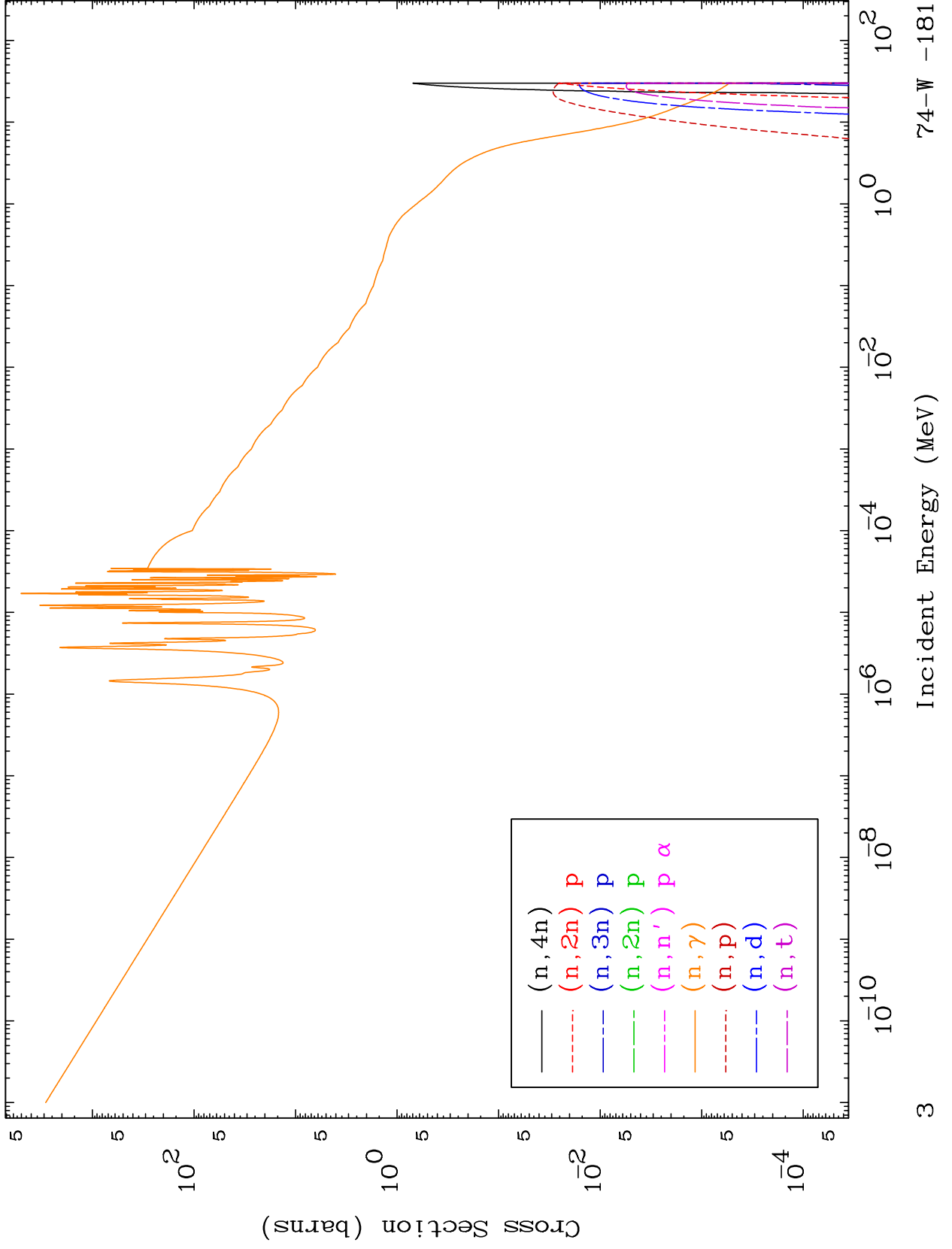
E.Mail: redcullen1@comcast.net

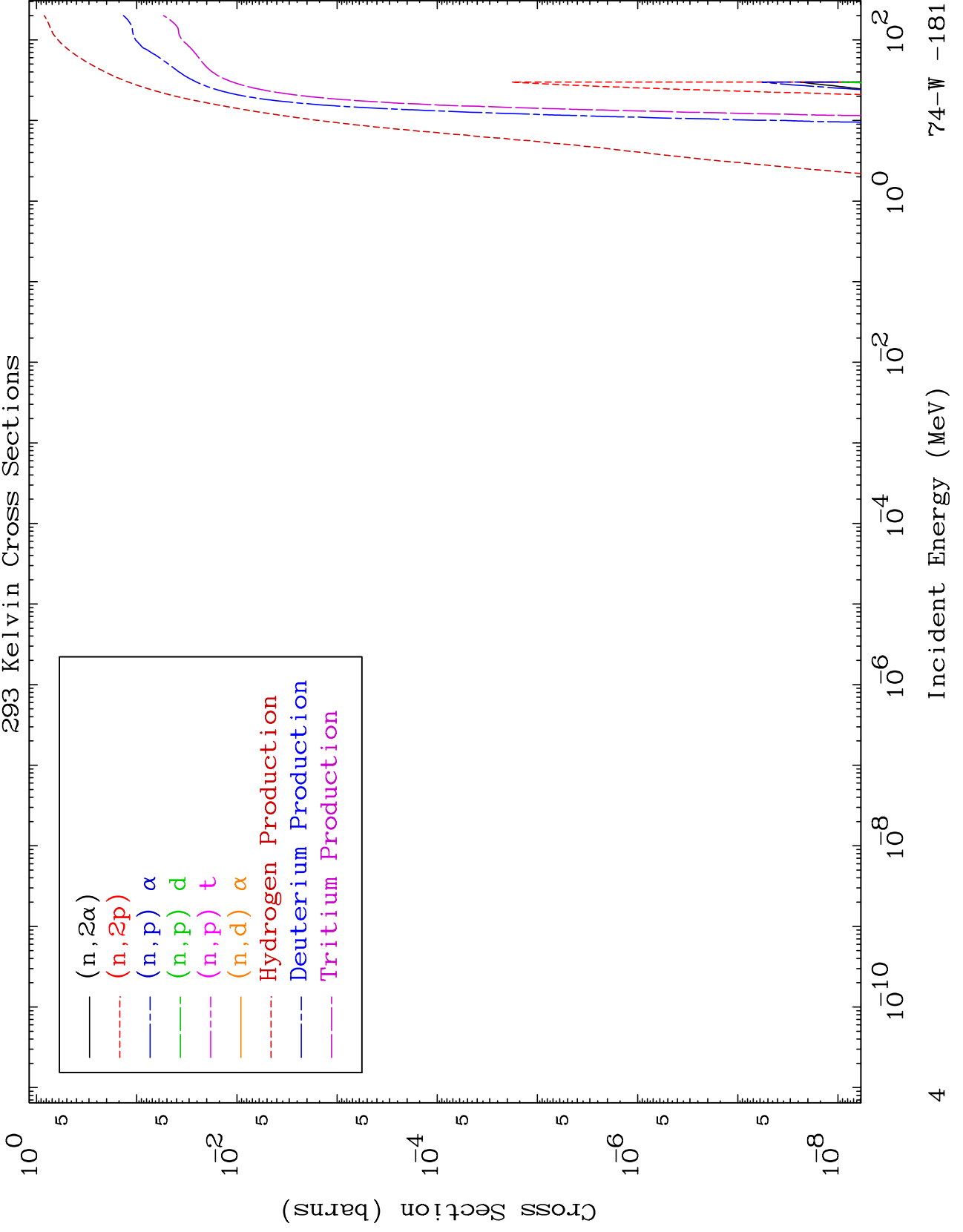
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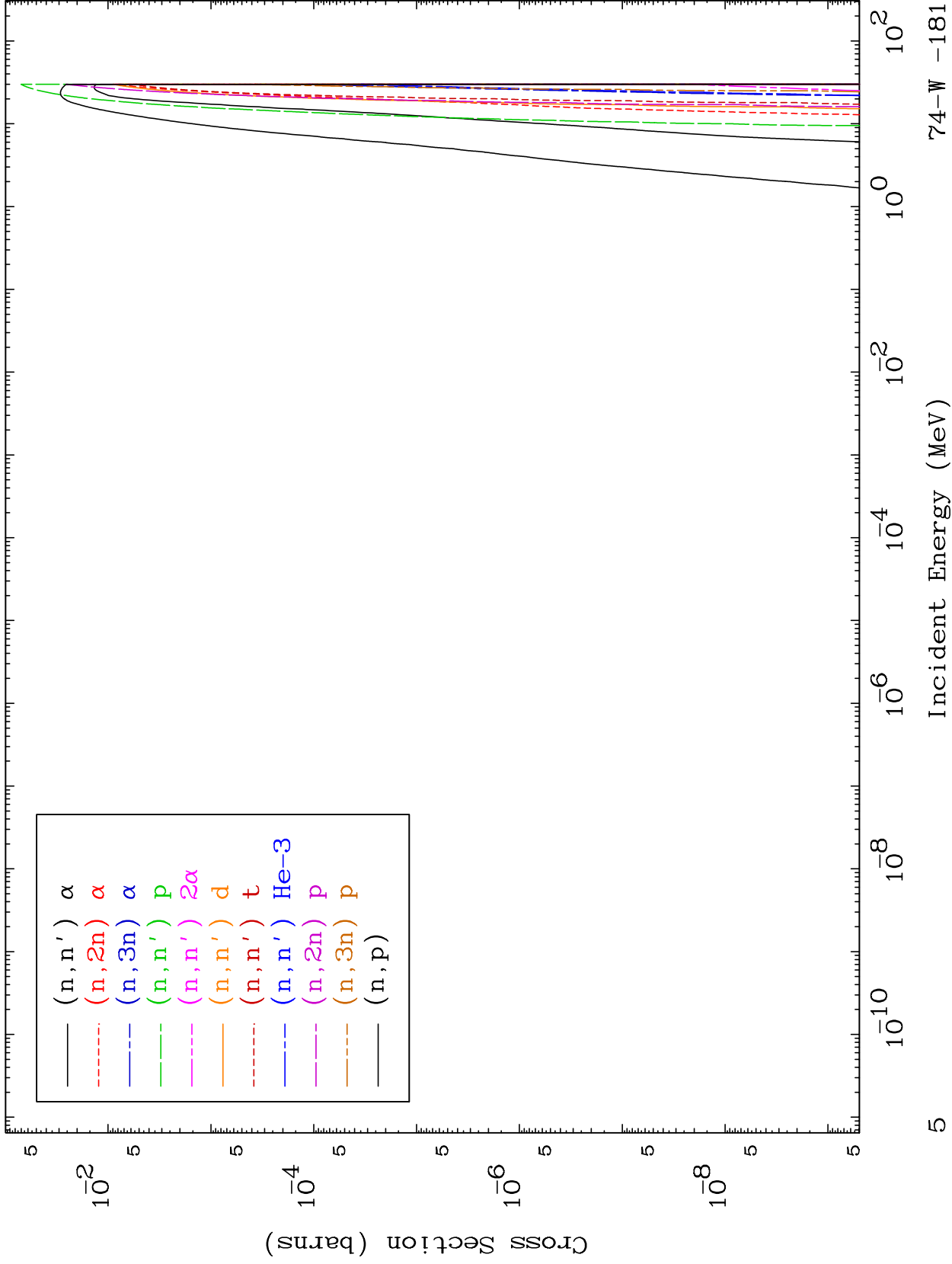
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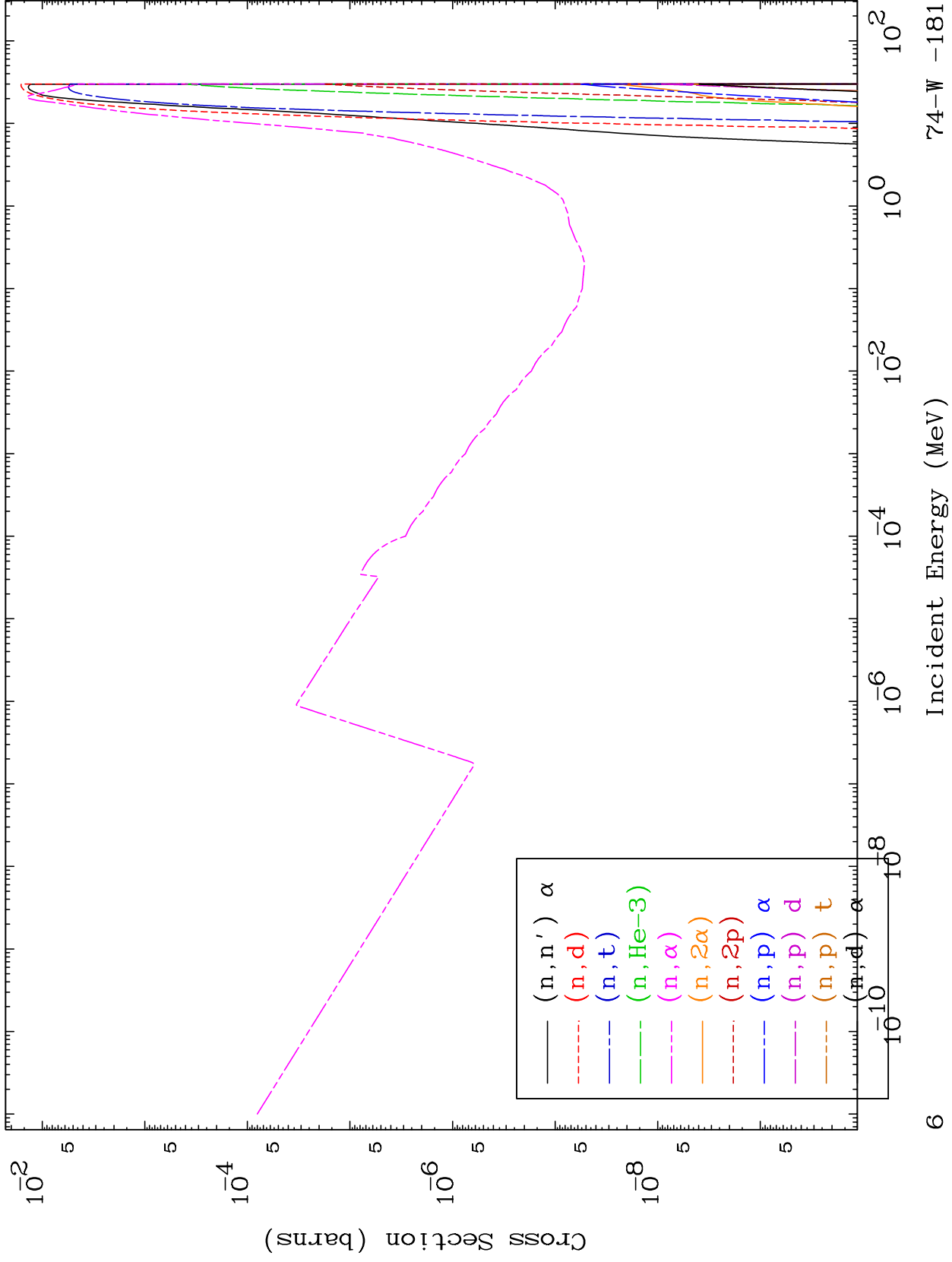


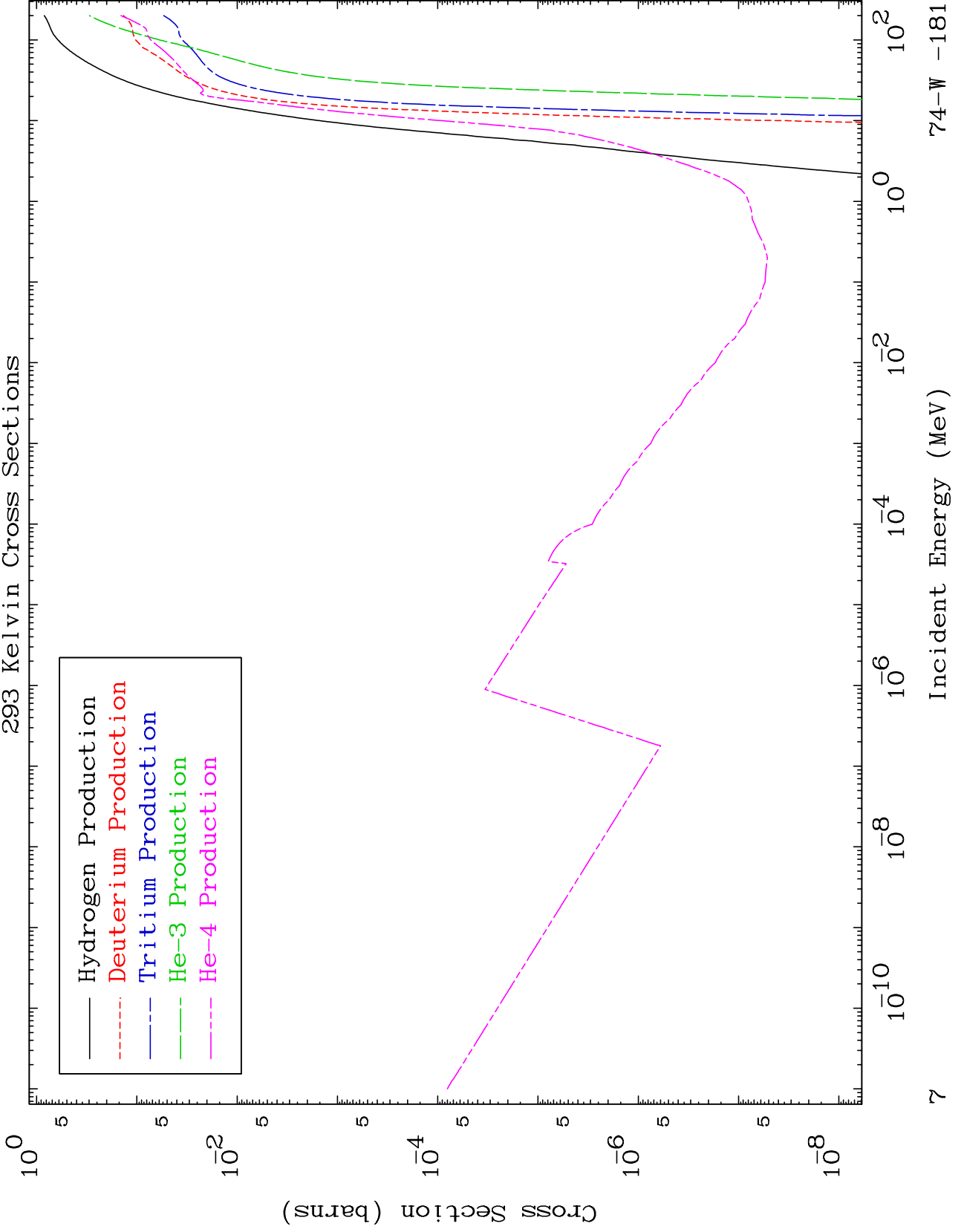


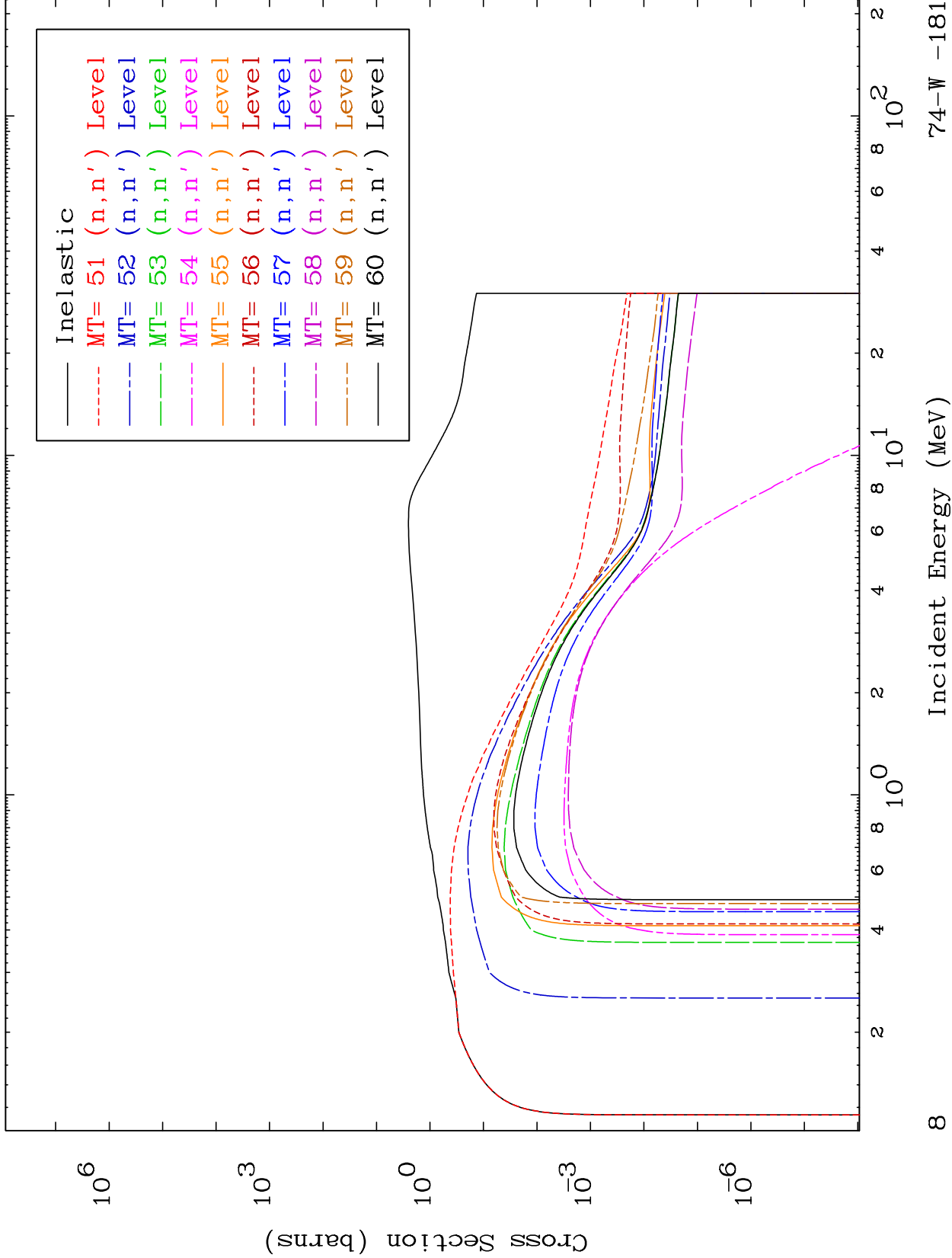
MAT 7428

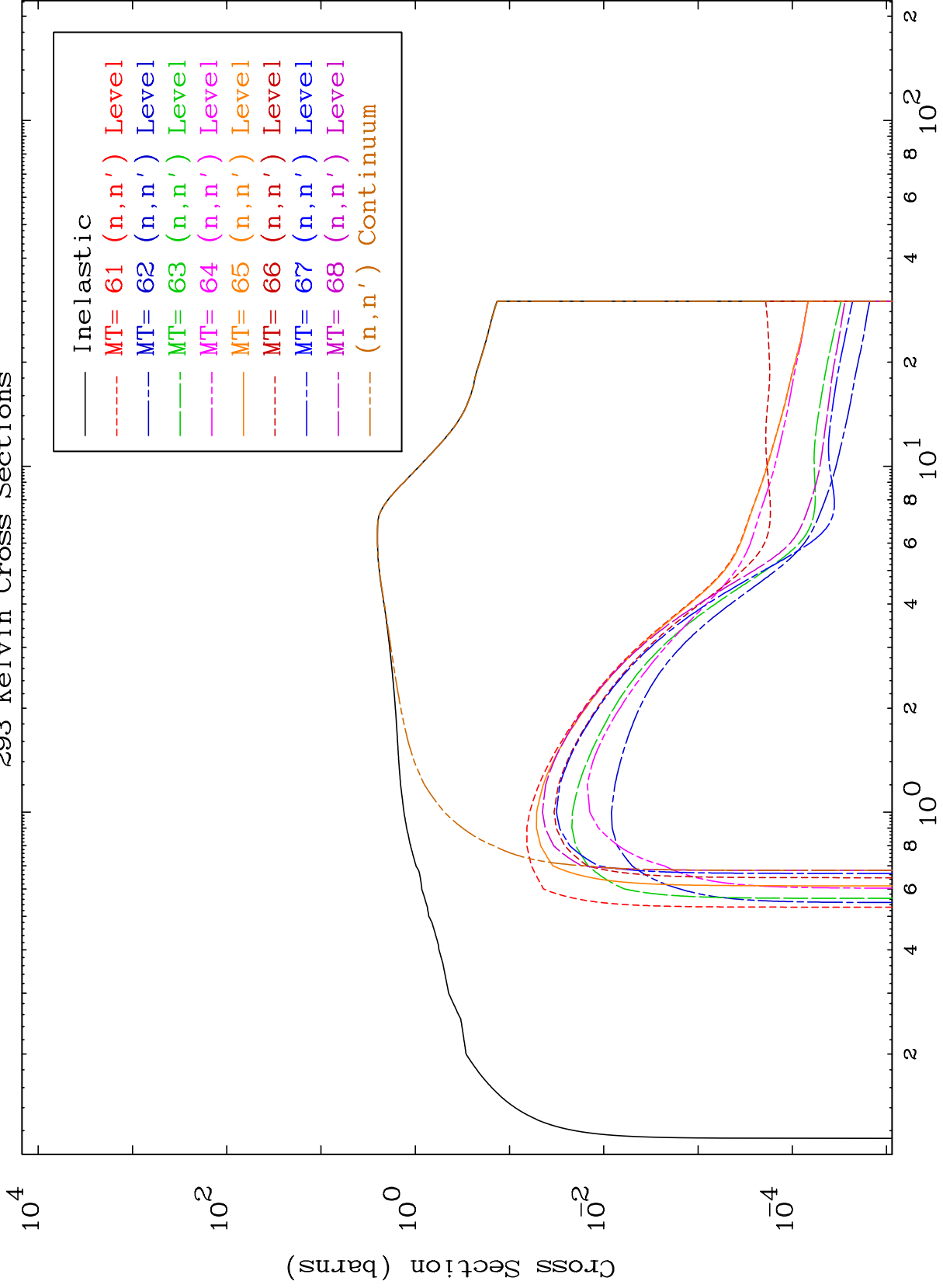
Charged Particle
293 Kelvin Cross Sections

74-W -181





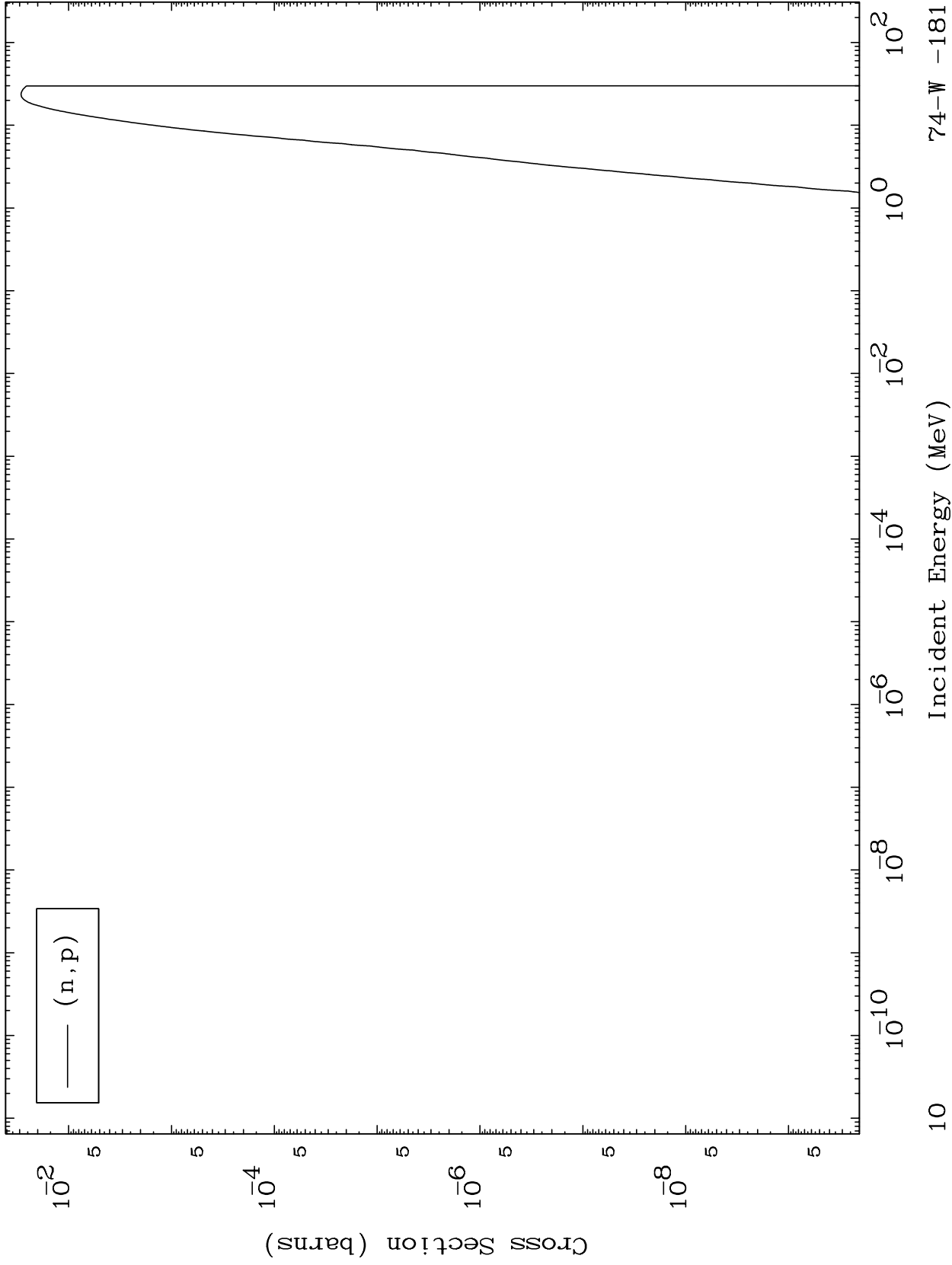




MAT 7428

(n,p) Levels
293 Kelvin Cross Sections

74-W -181



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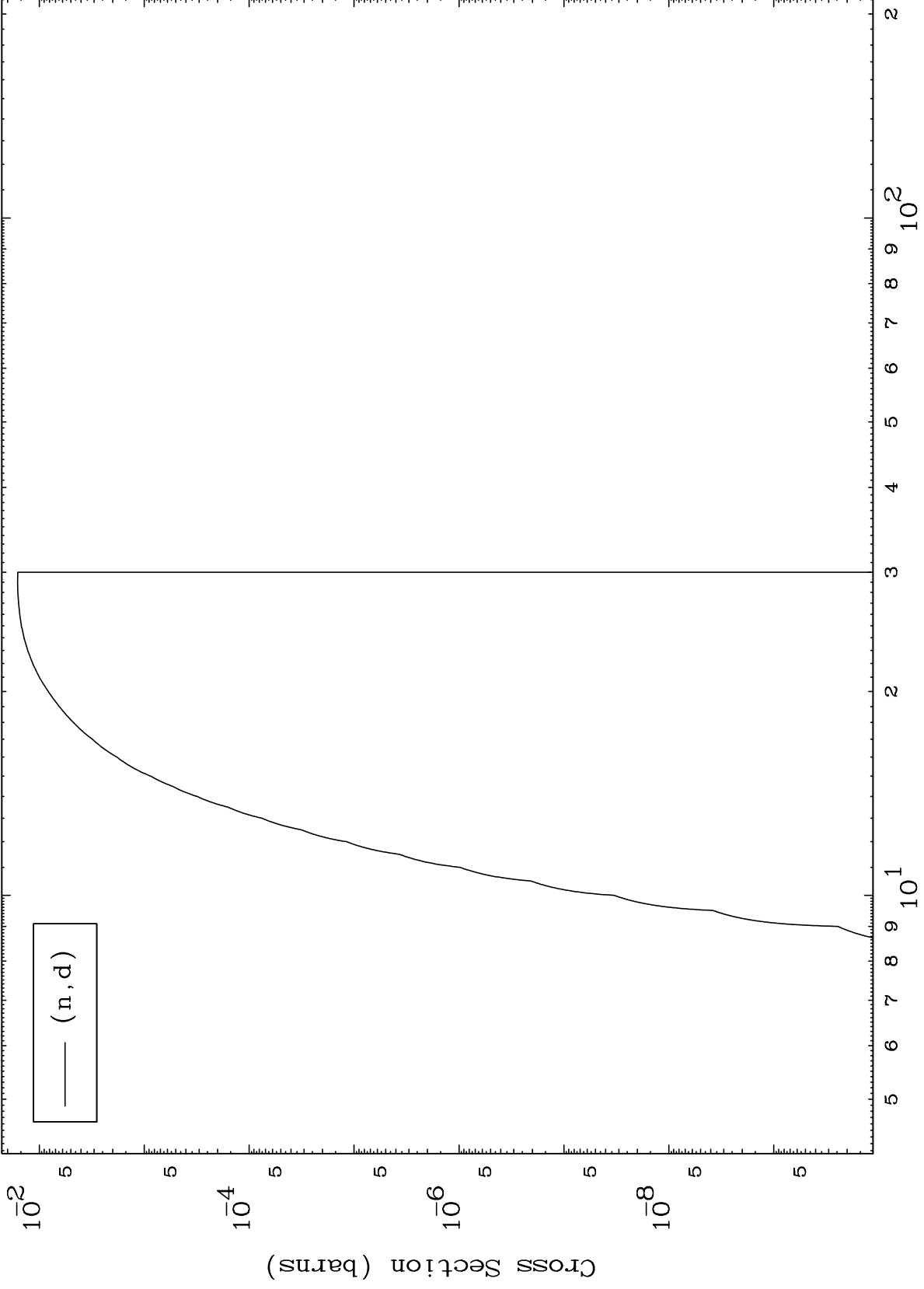
Incident Energy (MeV)

74-W -181

MAT 7428

(n,d) Levels
293 Kelvin Cross Sections

74-W -181



11

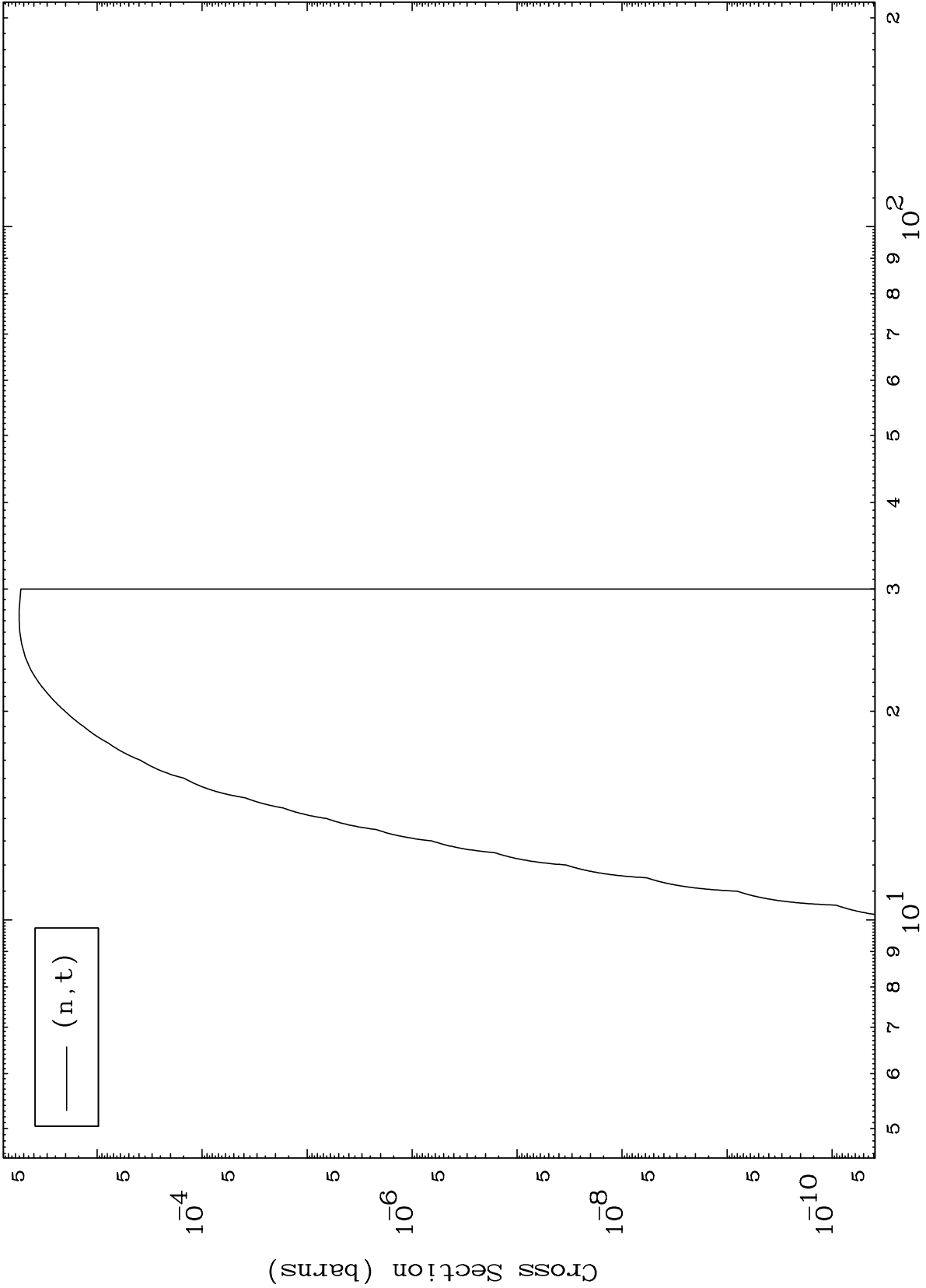
Incident Energy (MeV)

74-W -181

MAT 7428

74-W -181

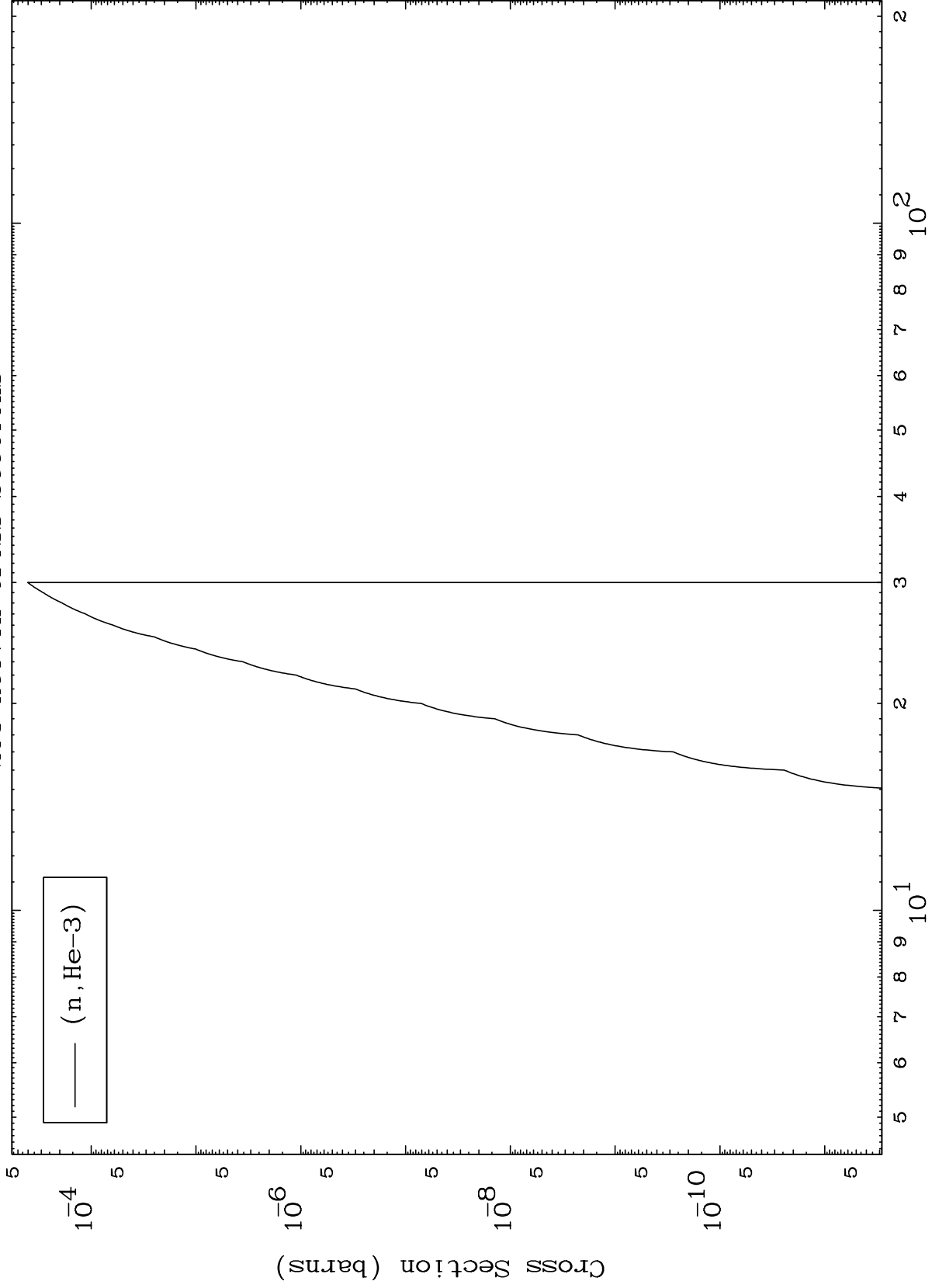
(n,t) Levels
293 Kelvin Cross Sections



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74-W -181

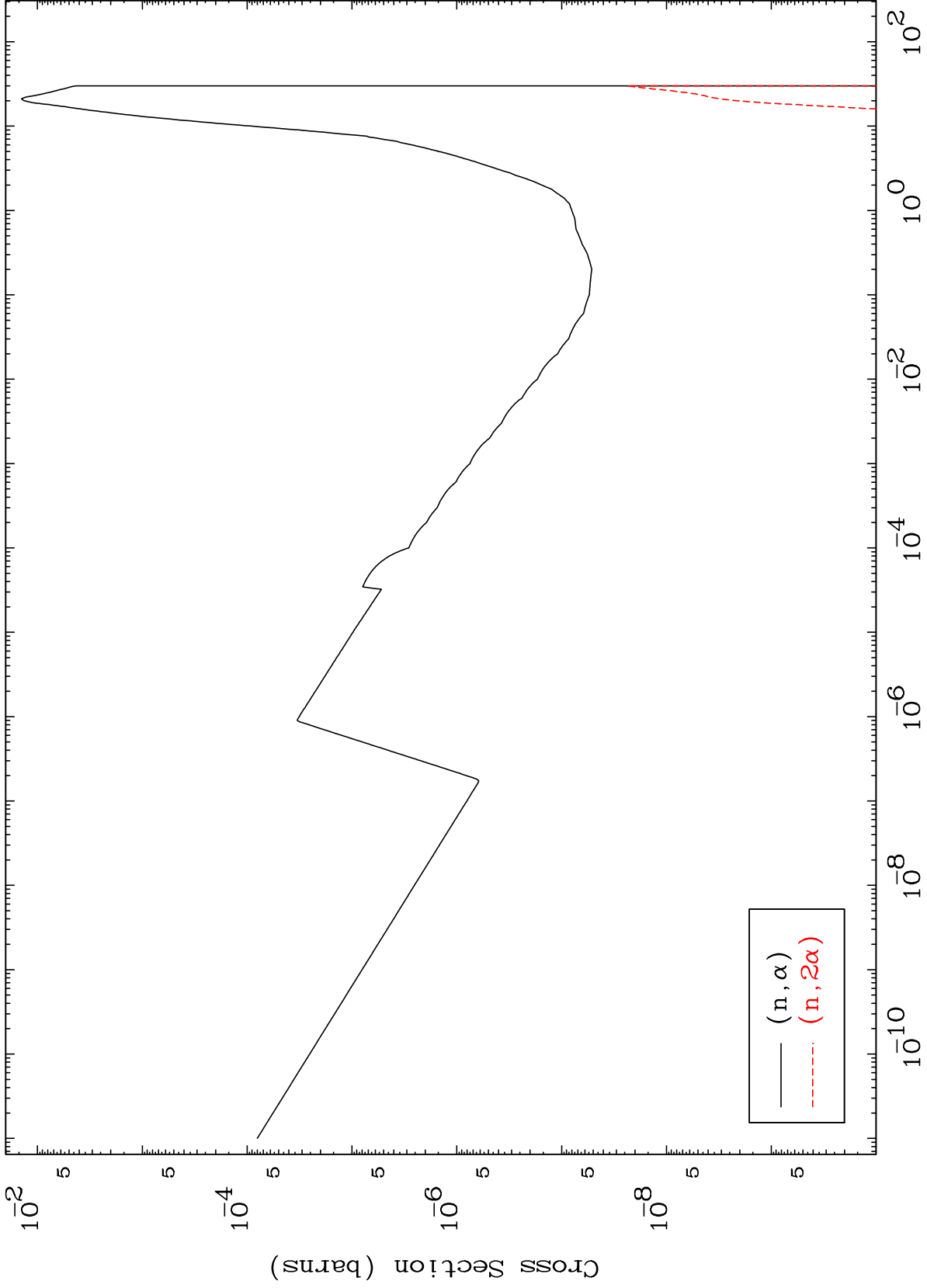
Incident Energy (MeV)



MAT 7428

(n,α) Levels
293 Kelvin Cross Sections

74-W -181



14

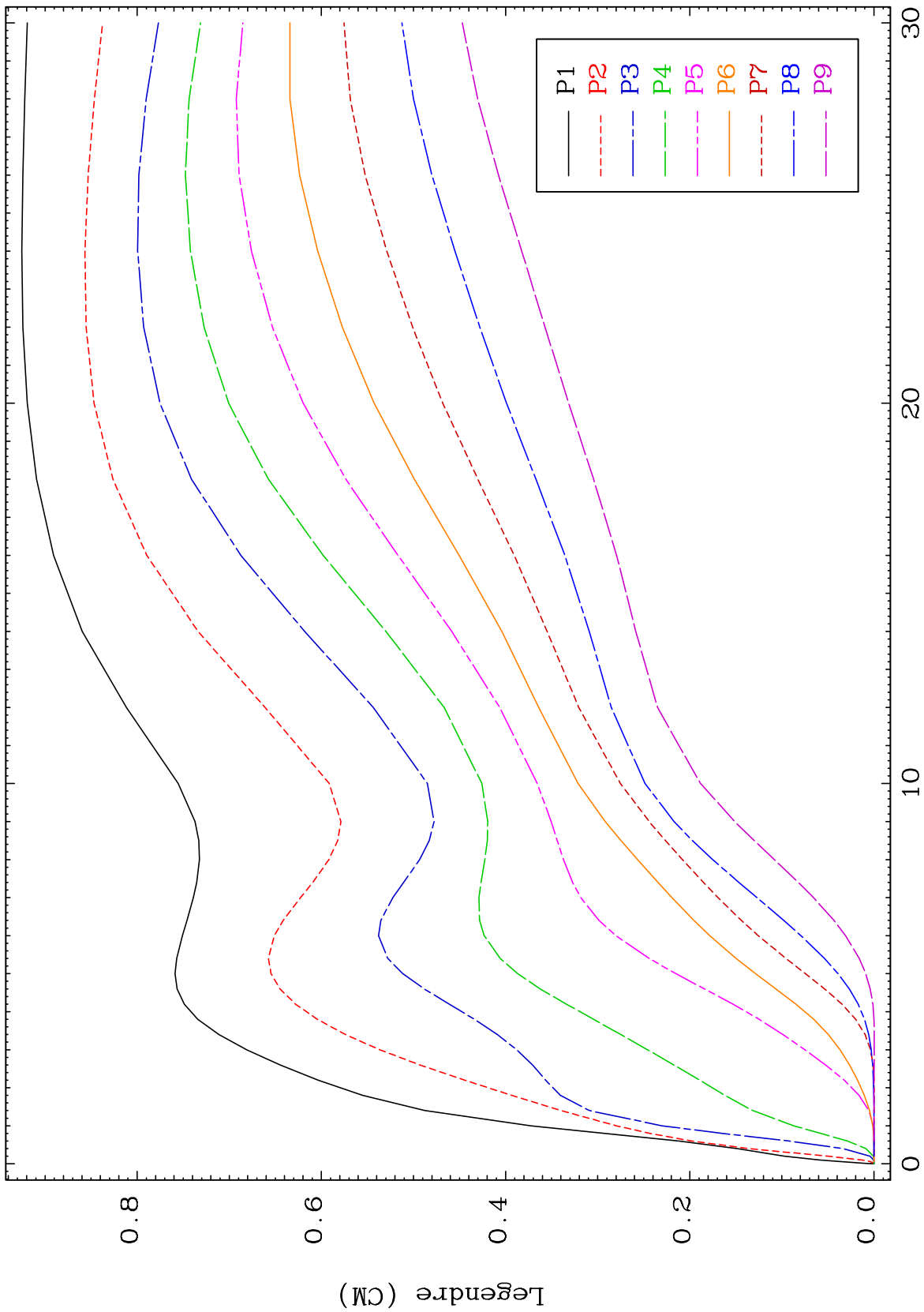
Incident Energy (MeV)

74-W -181

MAT 7428

74-W -181

Elastic Legendre Coefficients



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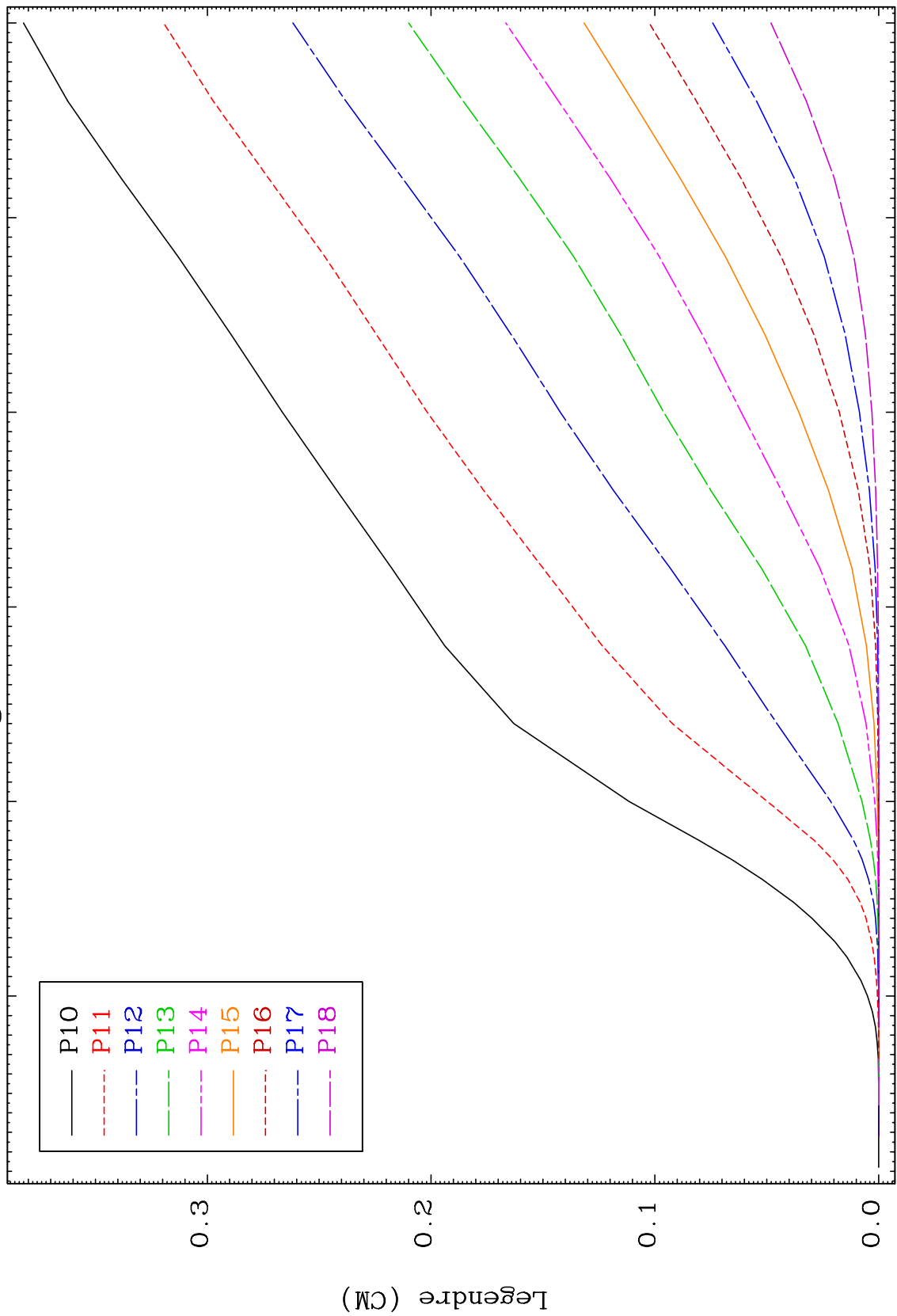
Incident Energy (MeV)

74-W -181

MAT 7428

Elastic Legendre Coefficients

74-W -181

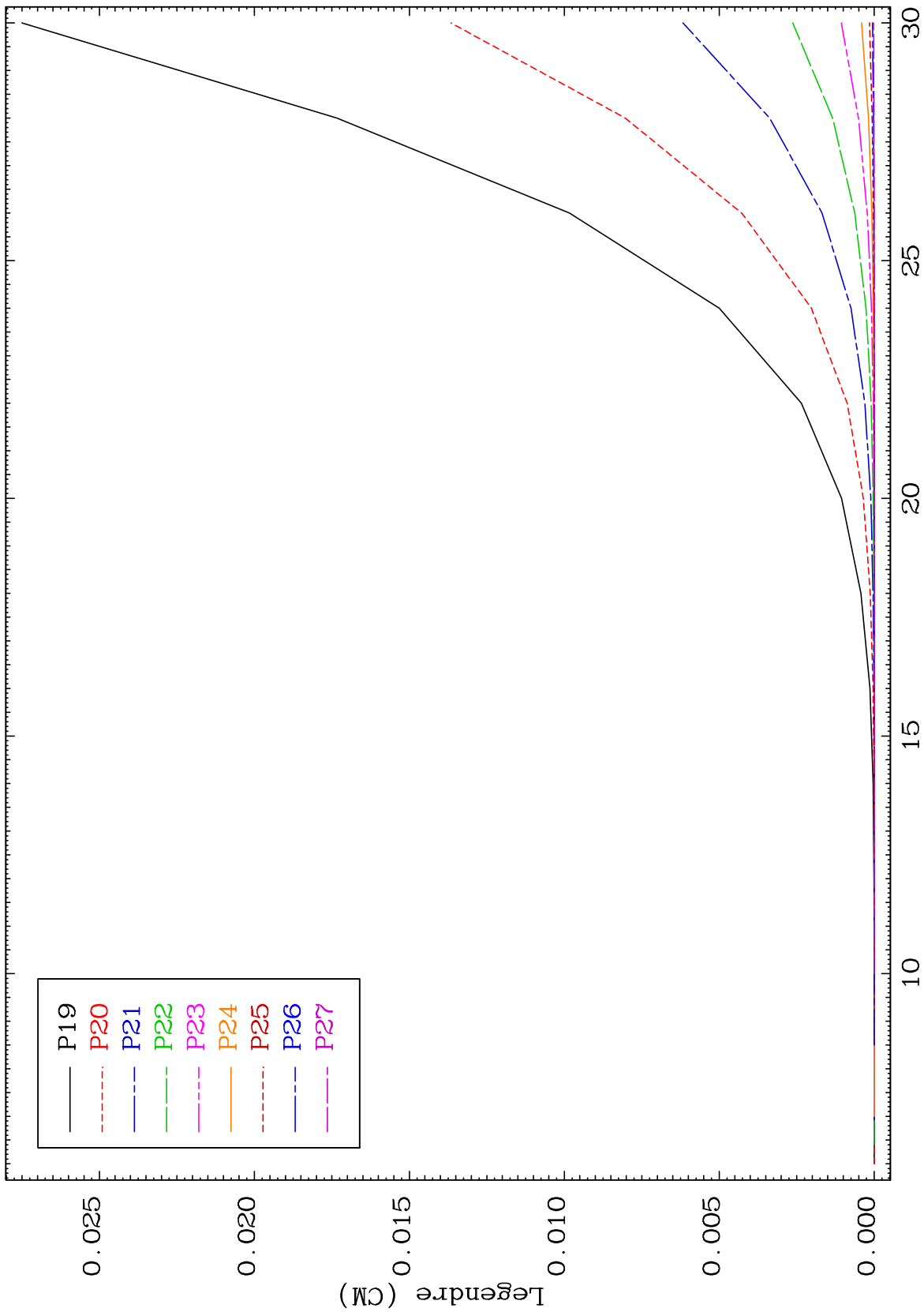


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Incident Energy (MeV)

74-W -181

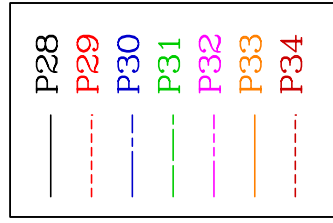
Elastic Legendre Coefficients



MAT 7428

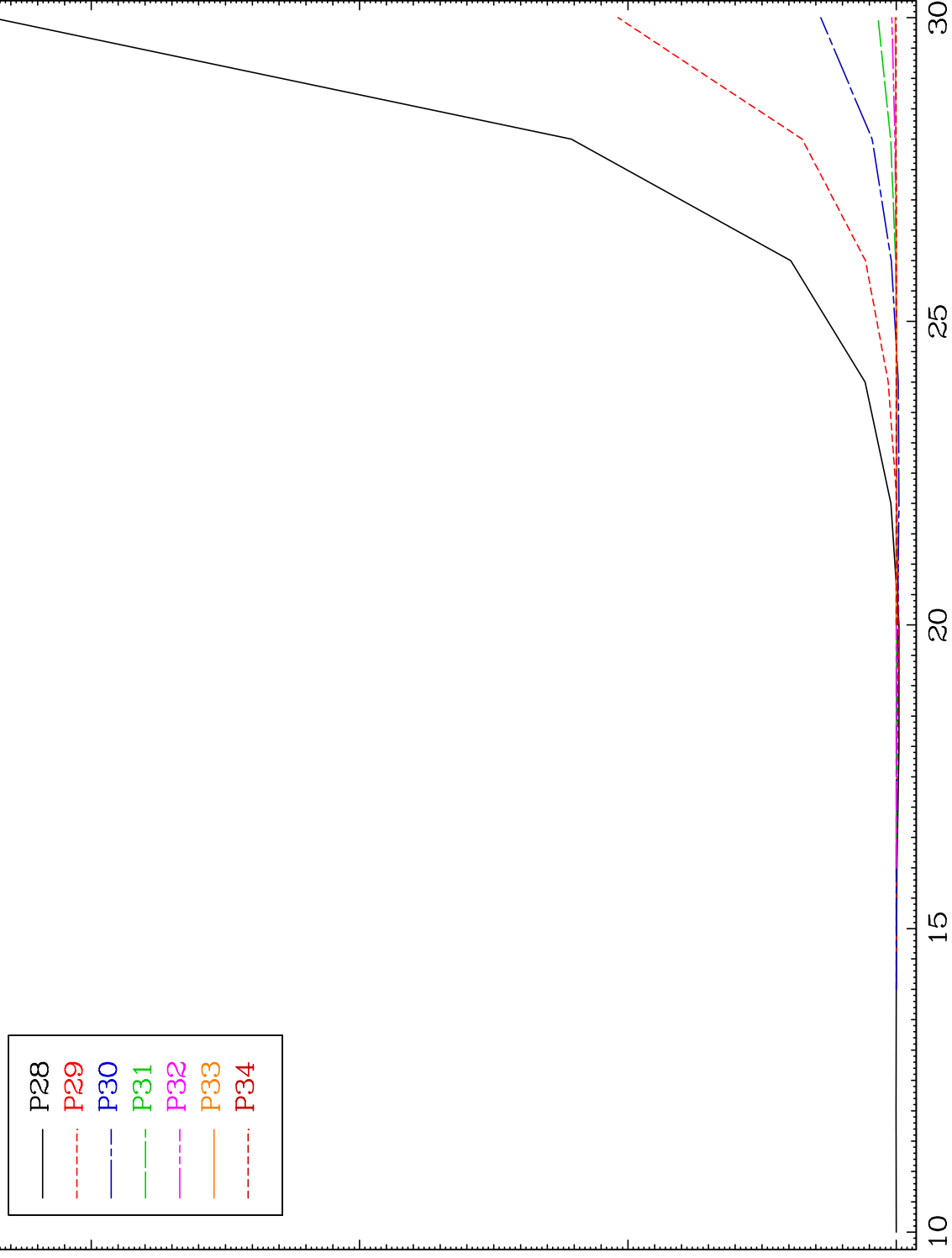
Elastic
Legendre Coefficients

74-W -181



$\times 10^{-6}$

Legendre (CM)



18

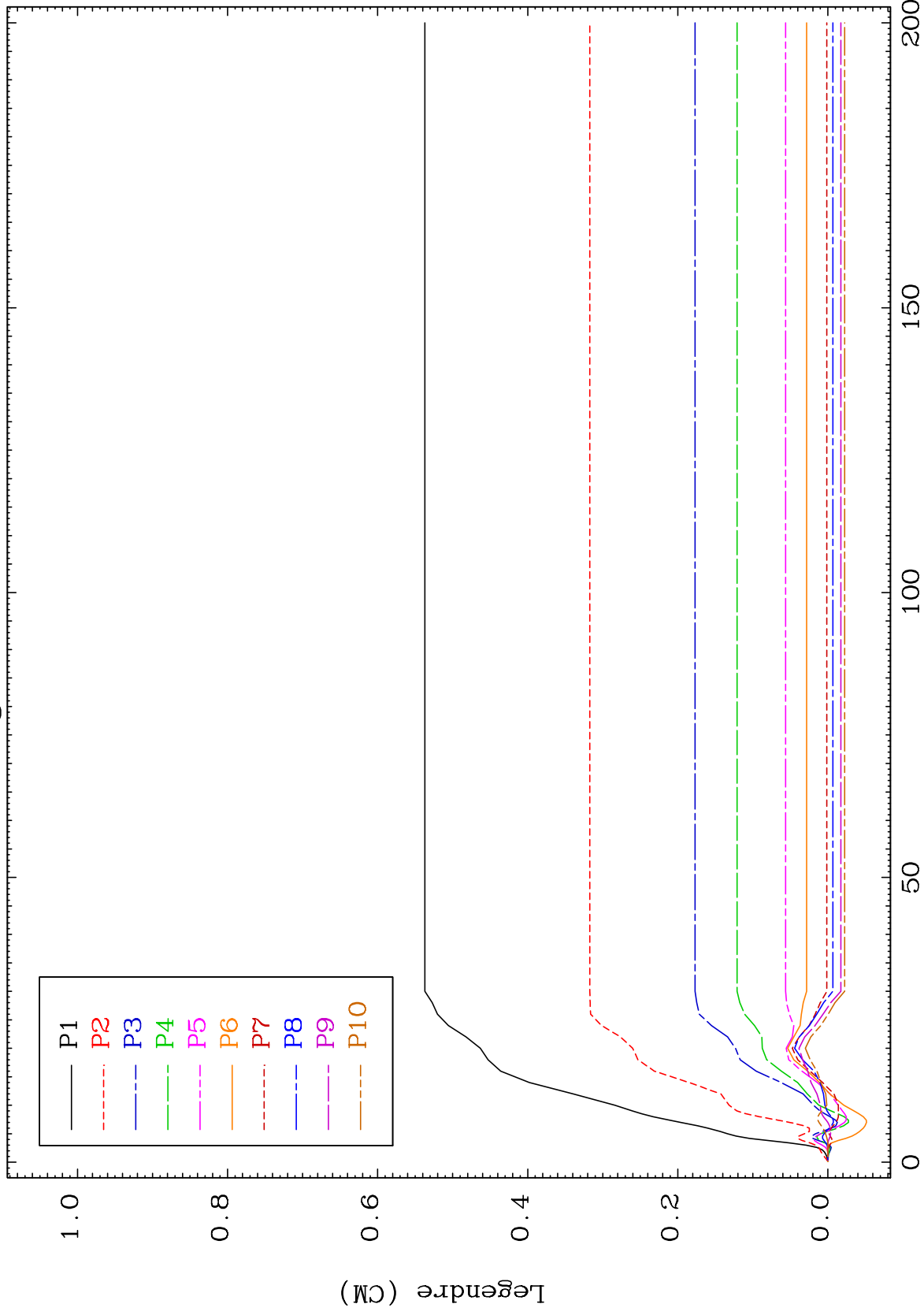
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



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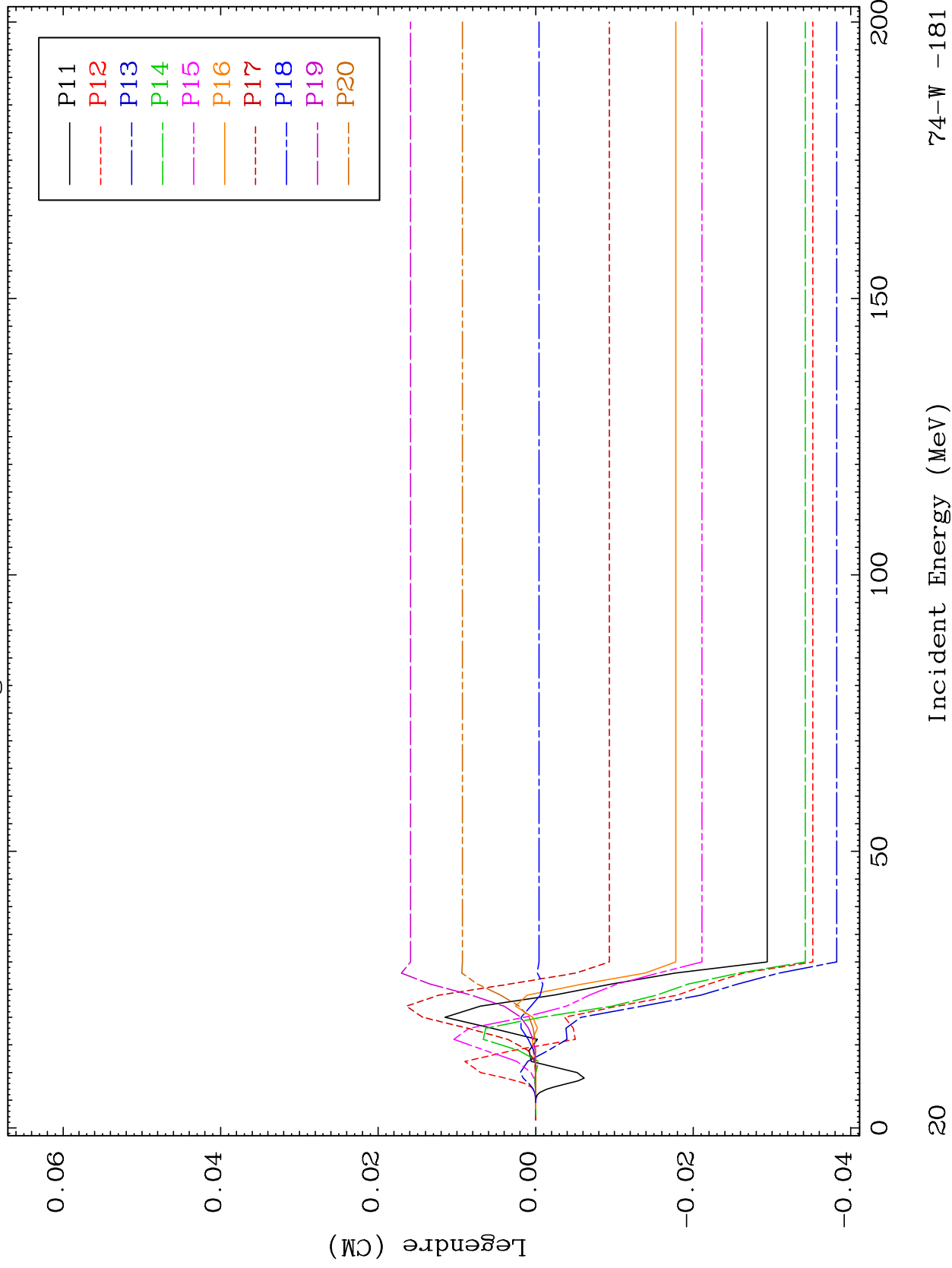
Incident Energy (MeV)

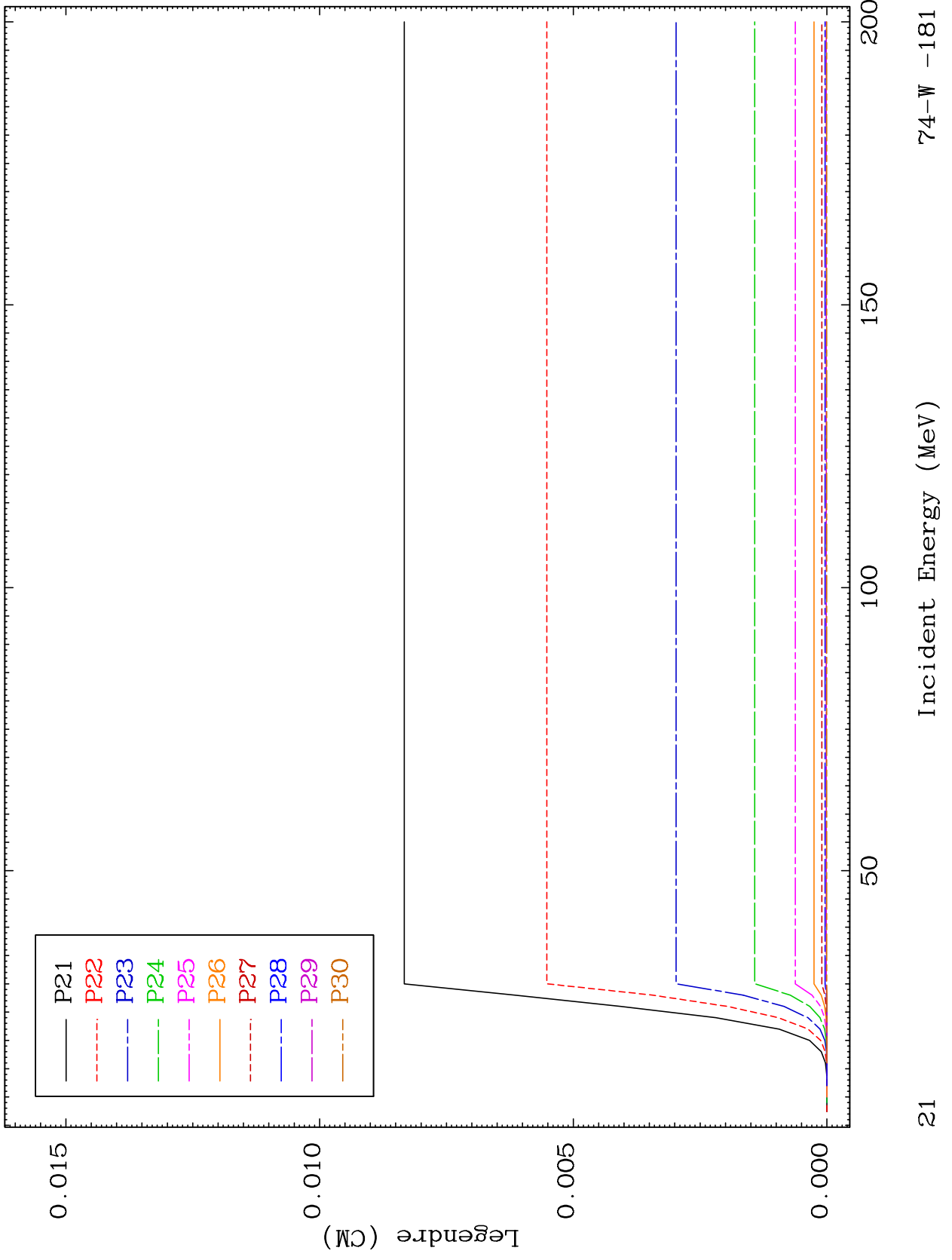
74-W -181

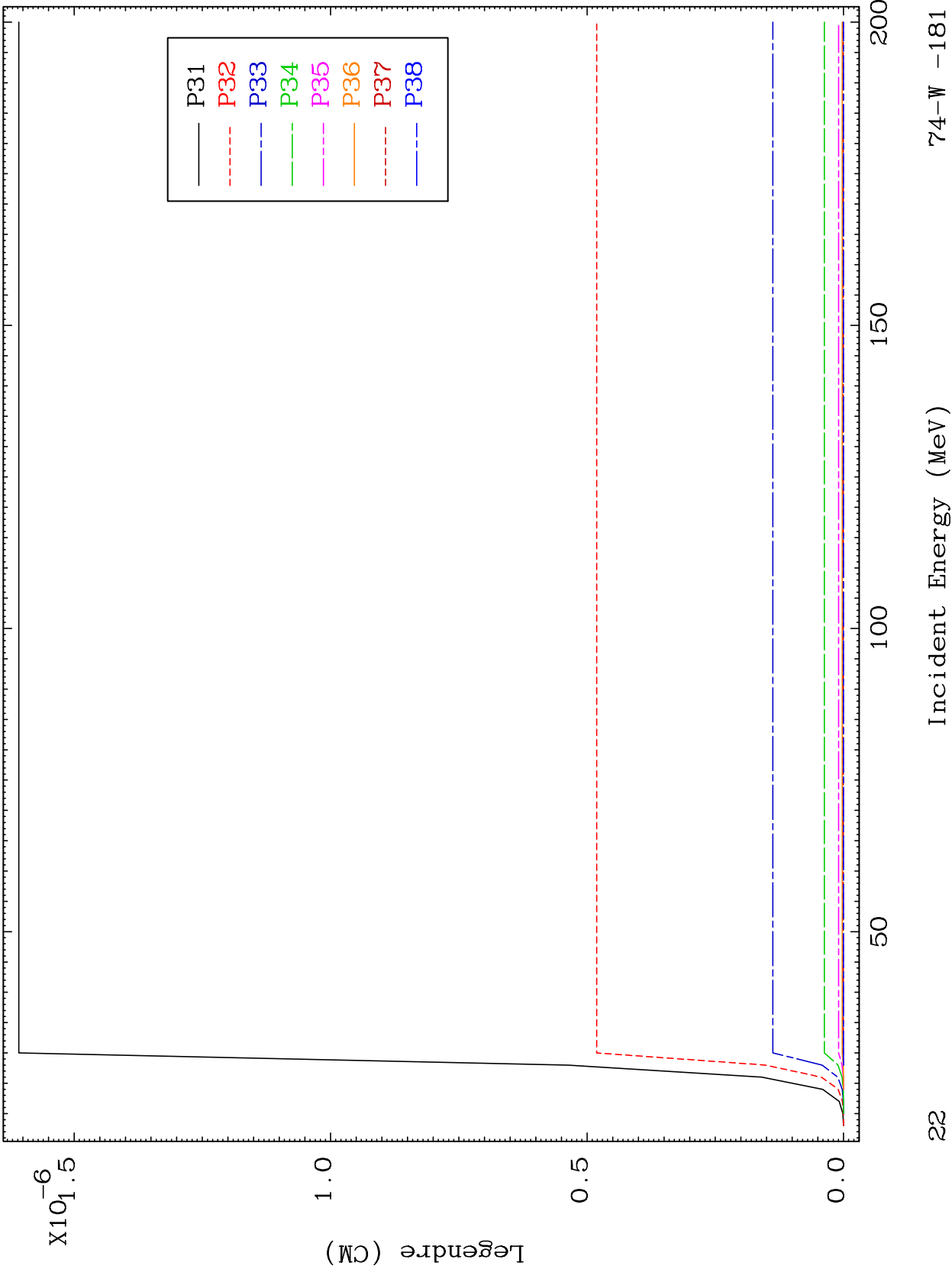
MAT 7428

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

74-W -181



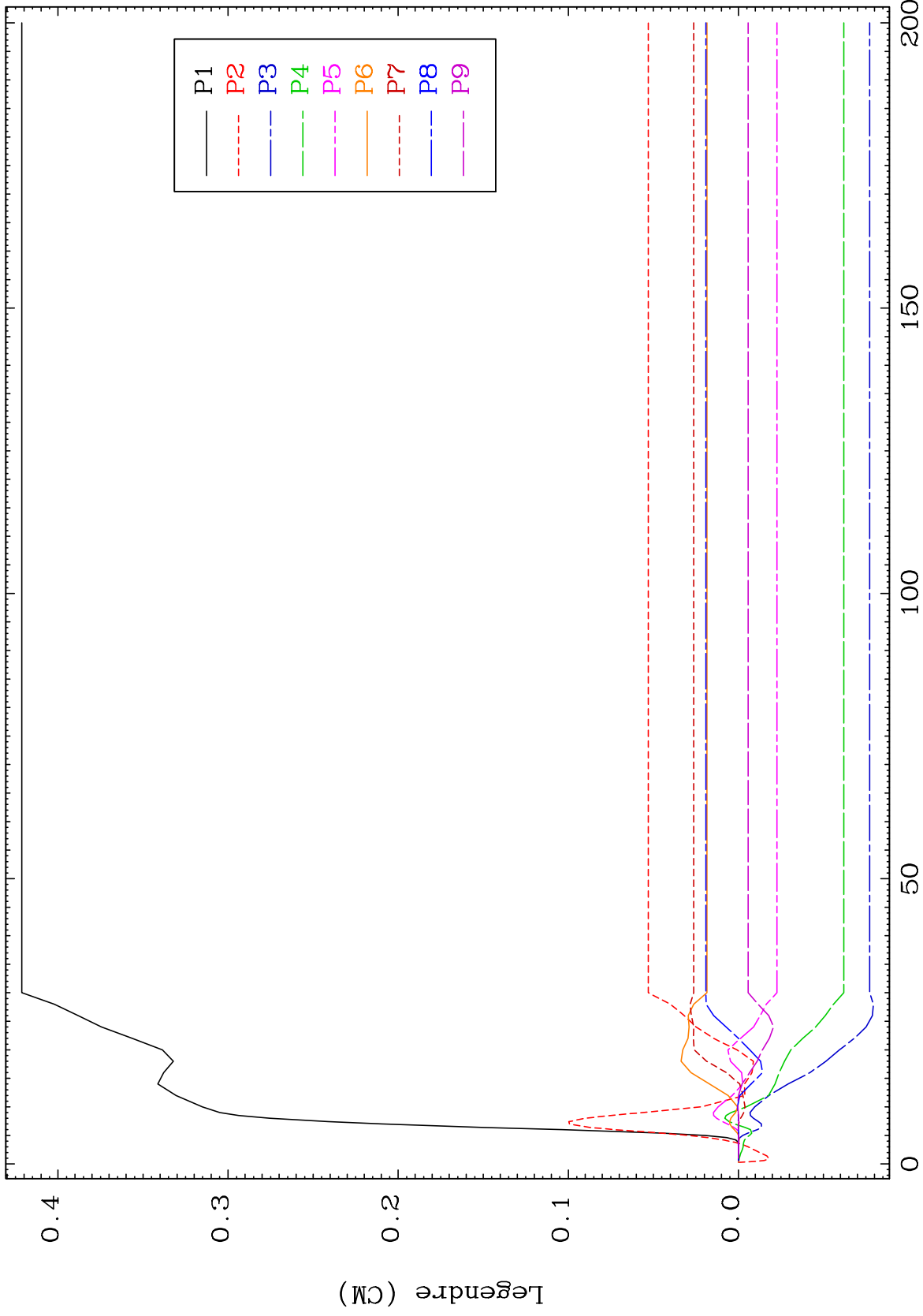




MAT 7428

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

74-W -181



23

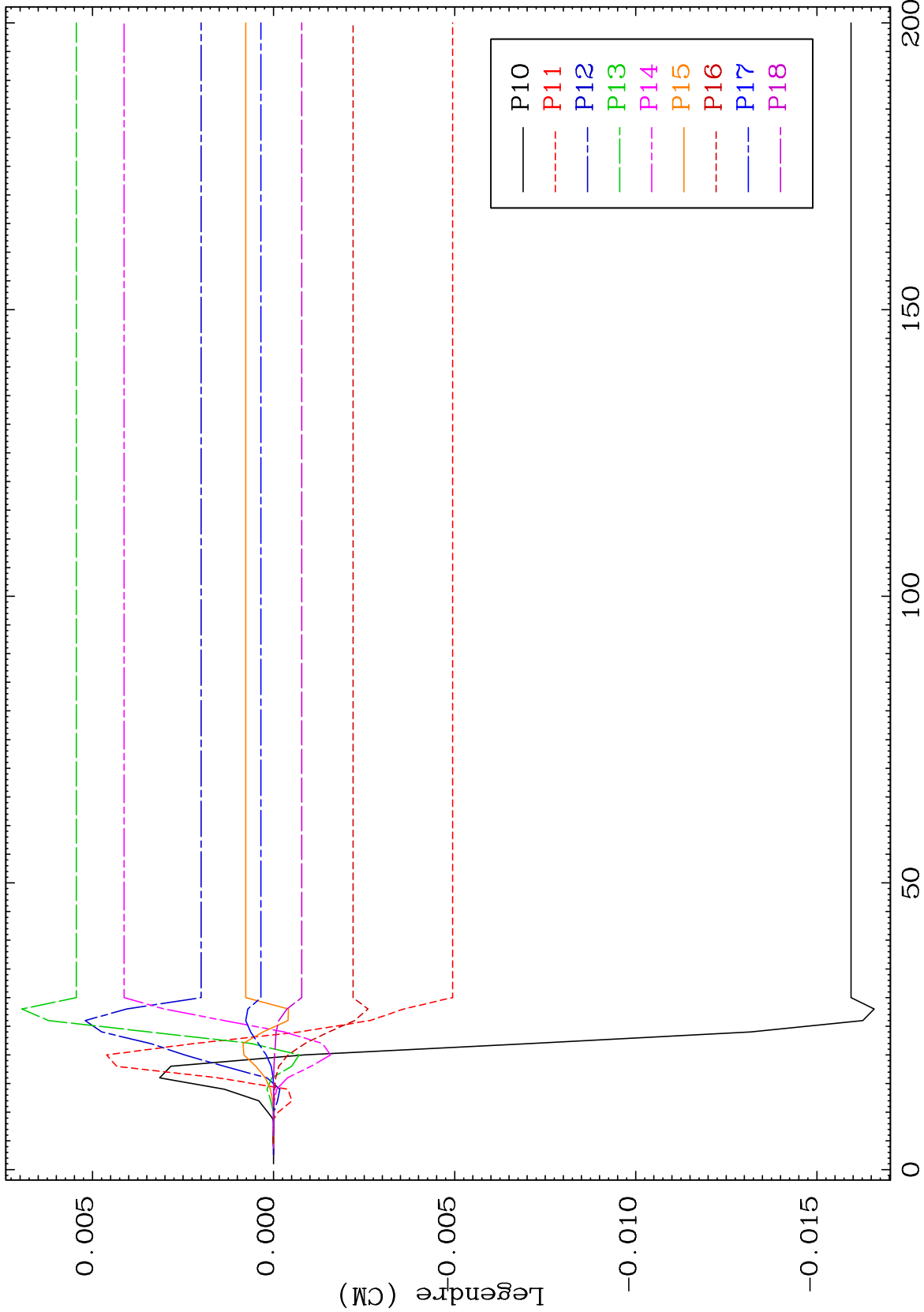
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



24

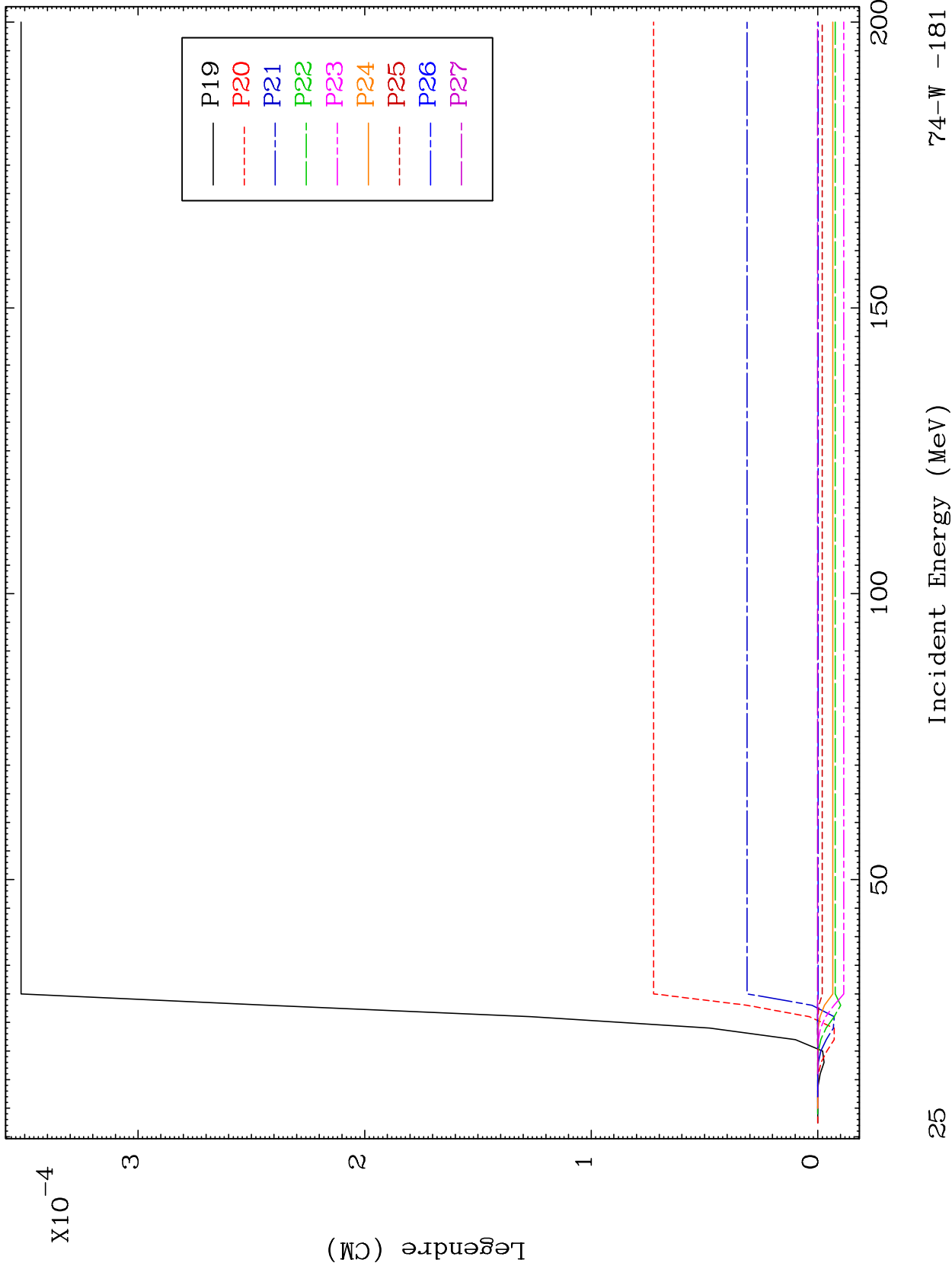
Incident Energy (MeV)

74-W -181

MAT 7428

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

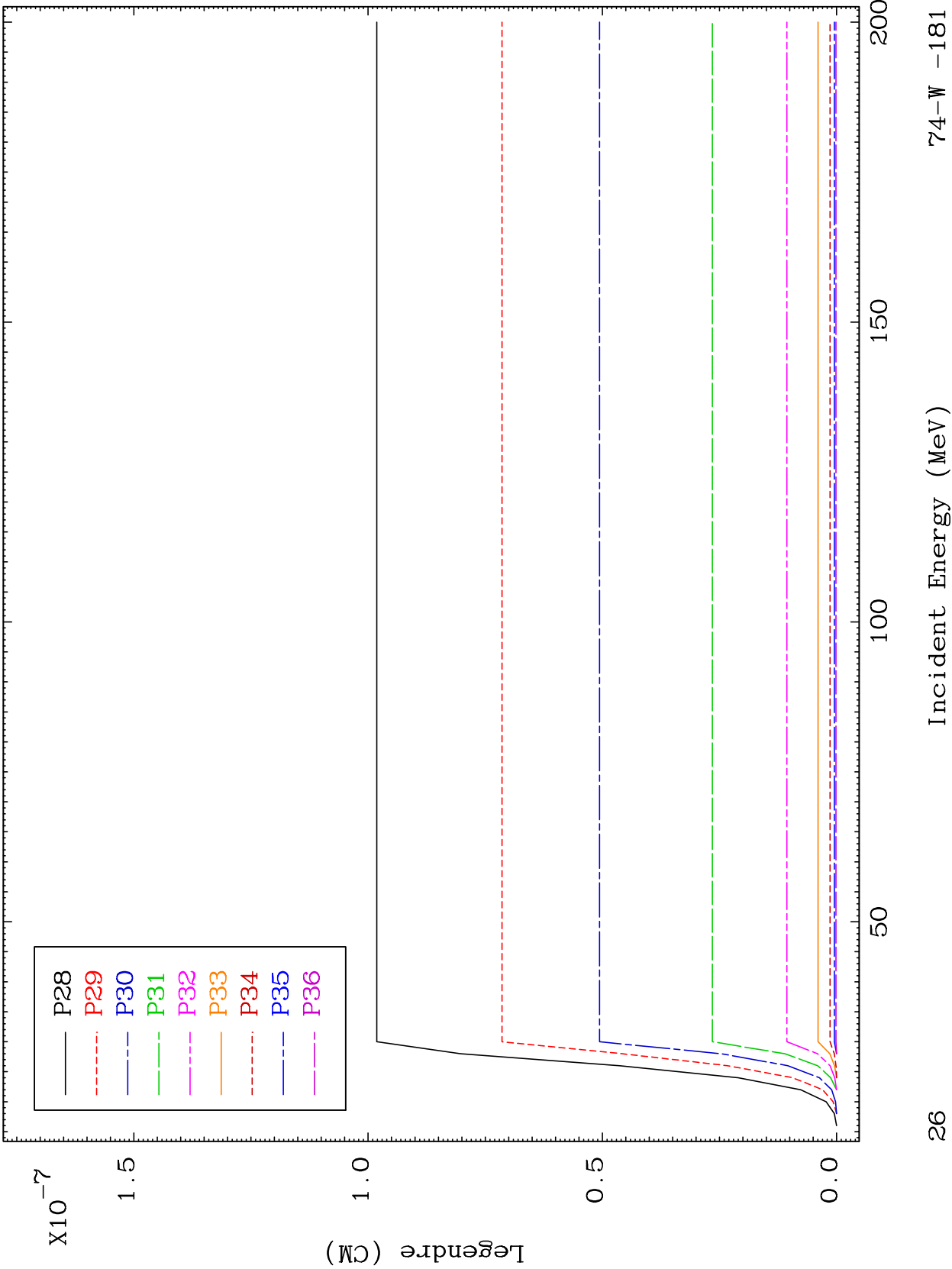
74-W -181



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Incident Energy (MeV)

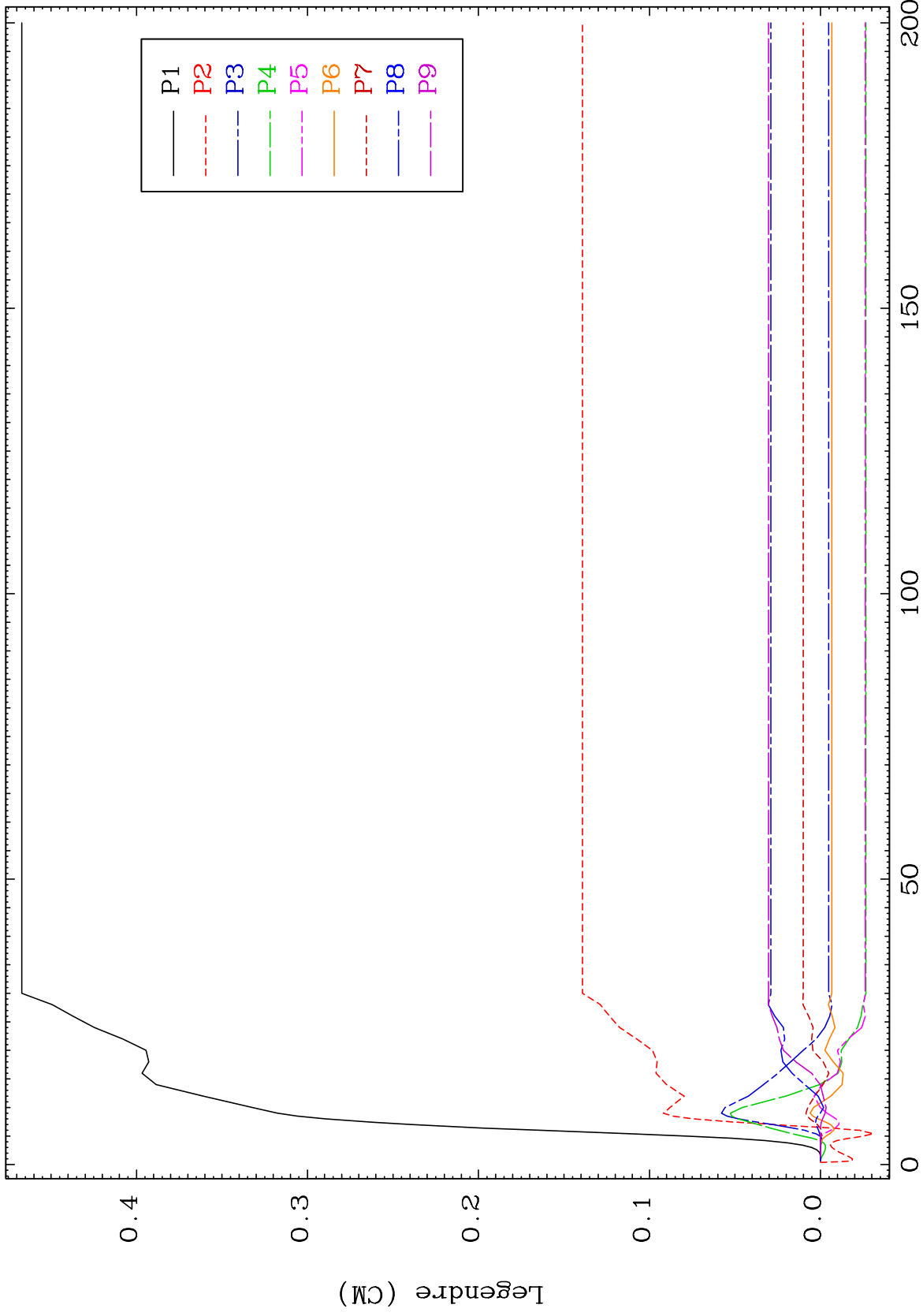
74-W -181



MAT 7428

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

74-W -181



27

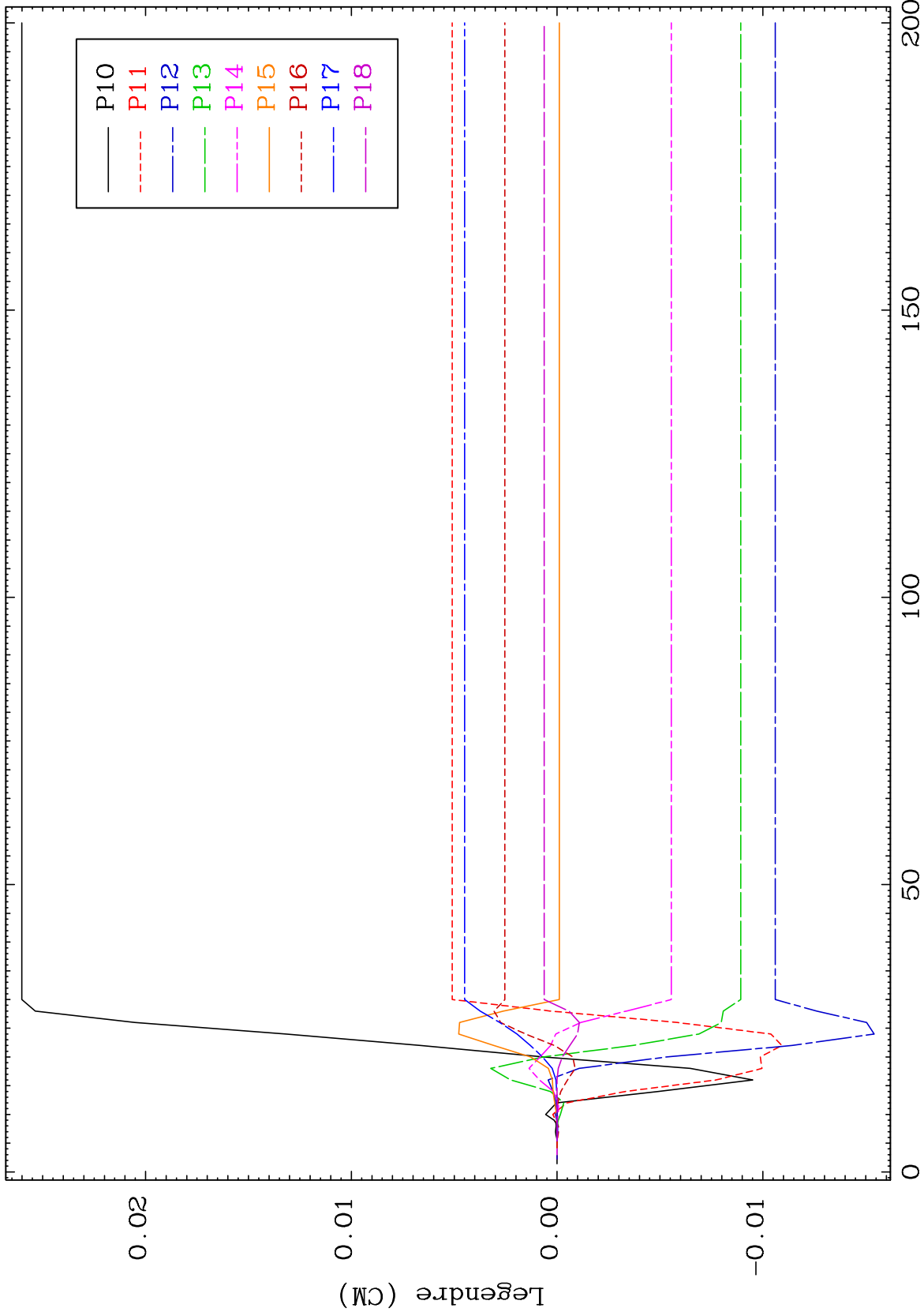
Incident Energy (MeV)

74-W -181

MAT 7428

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

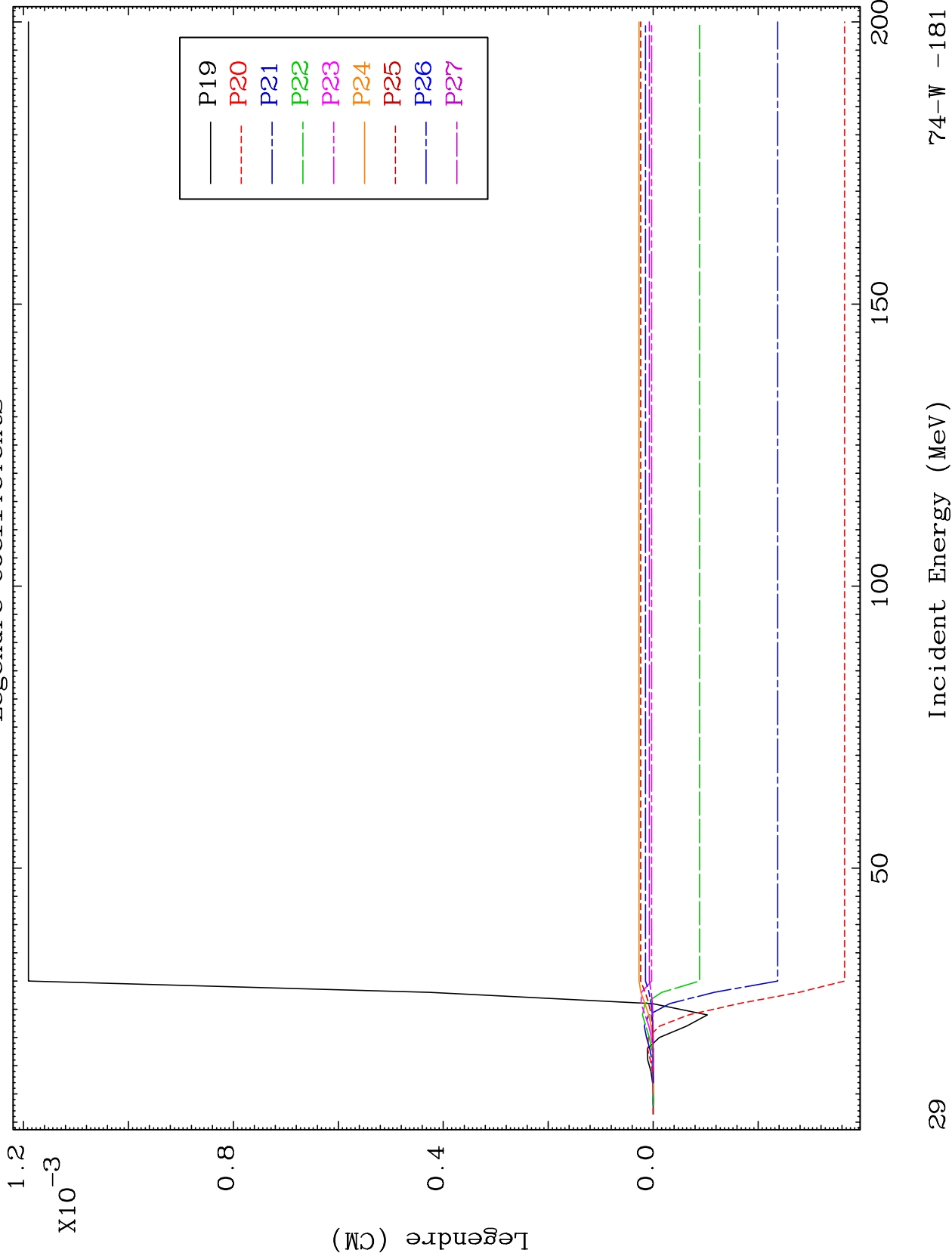
74-W -181



28

Incident Energy (MeV)

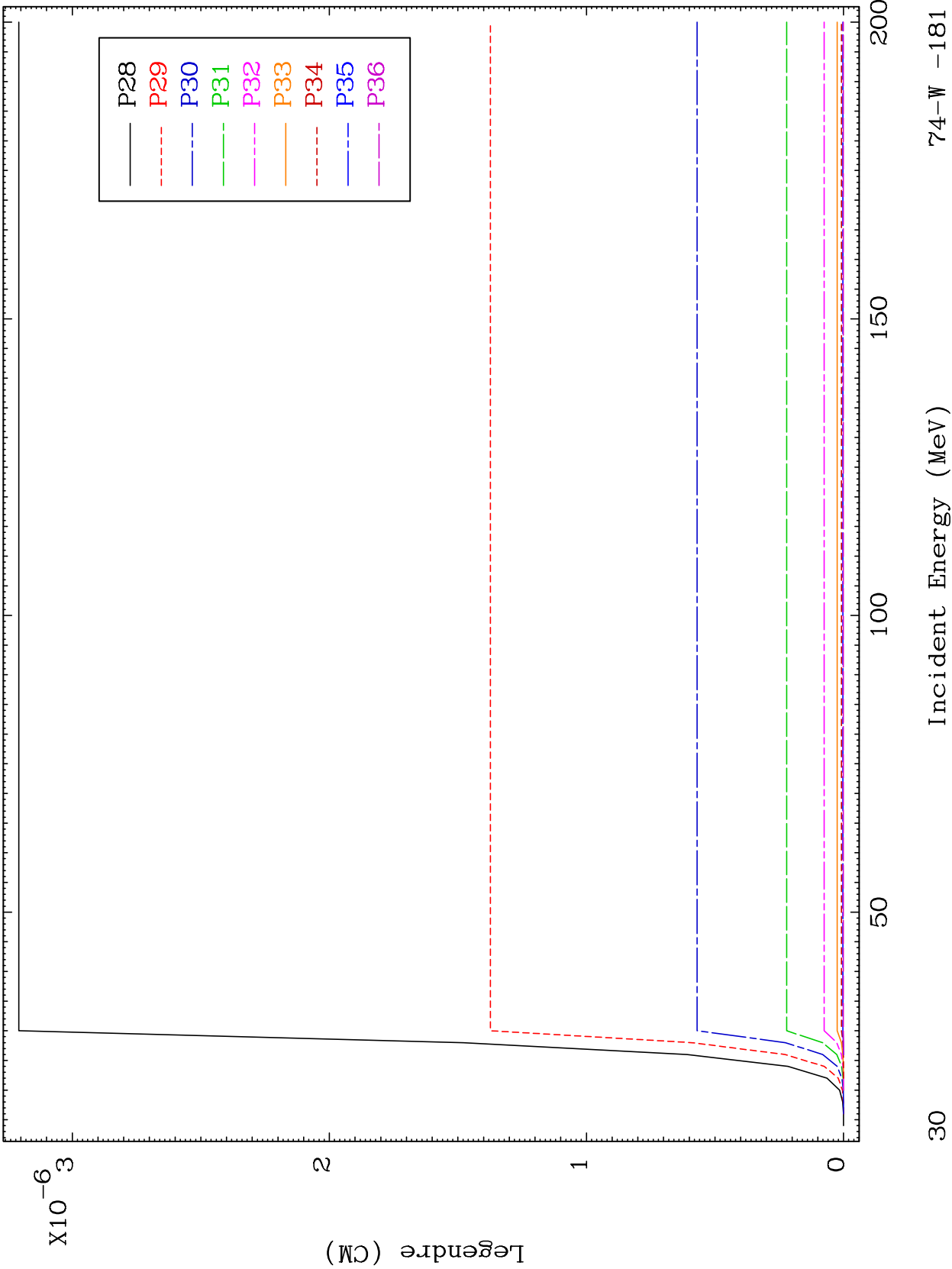
74-W -181



MAT 7428

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

74-W -181



30

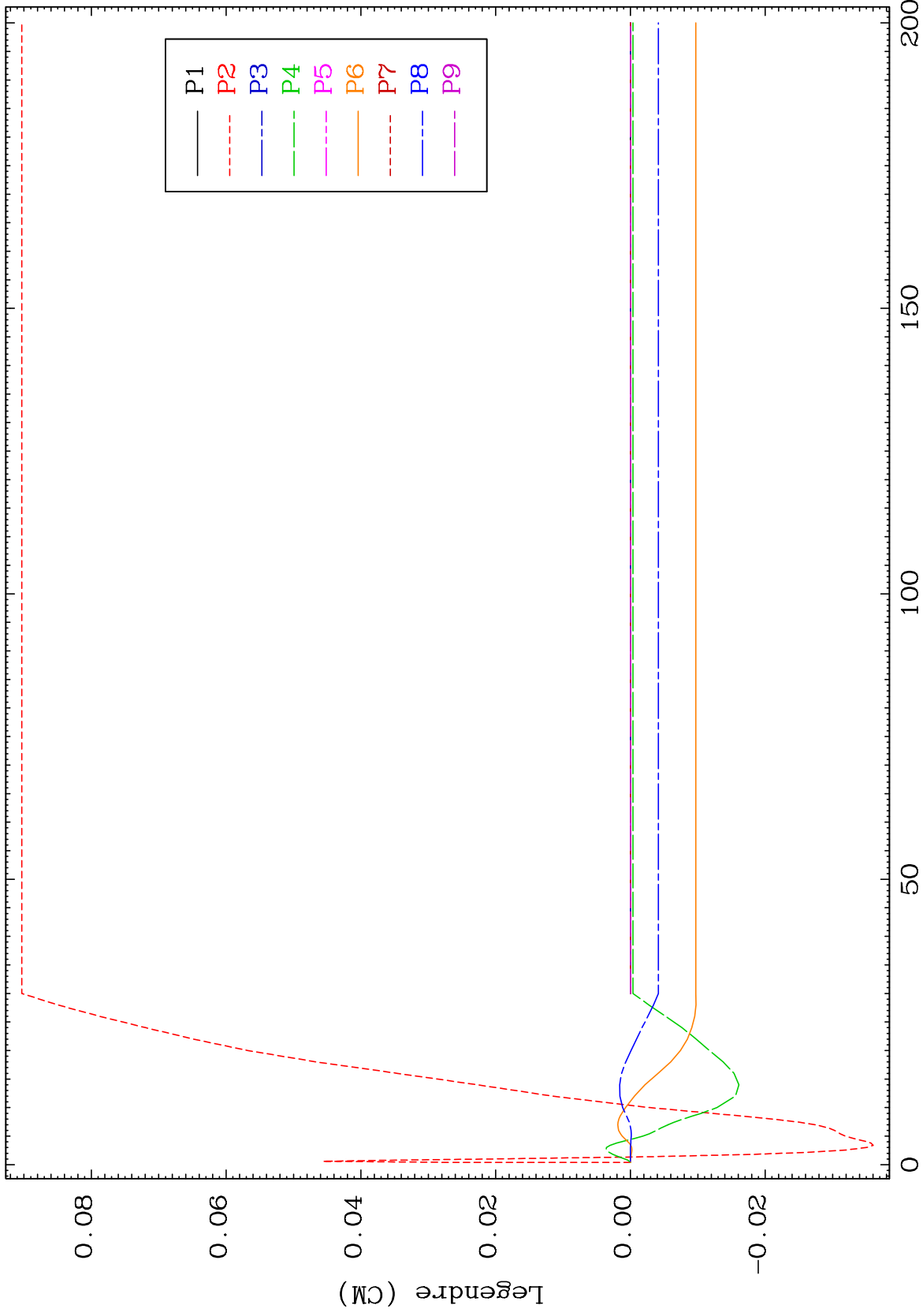
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



31

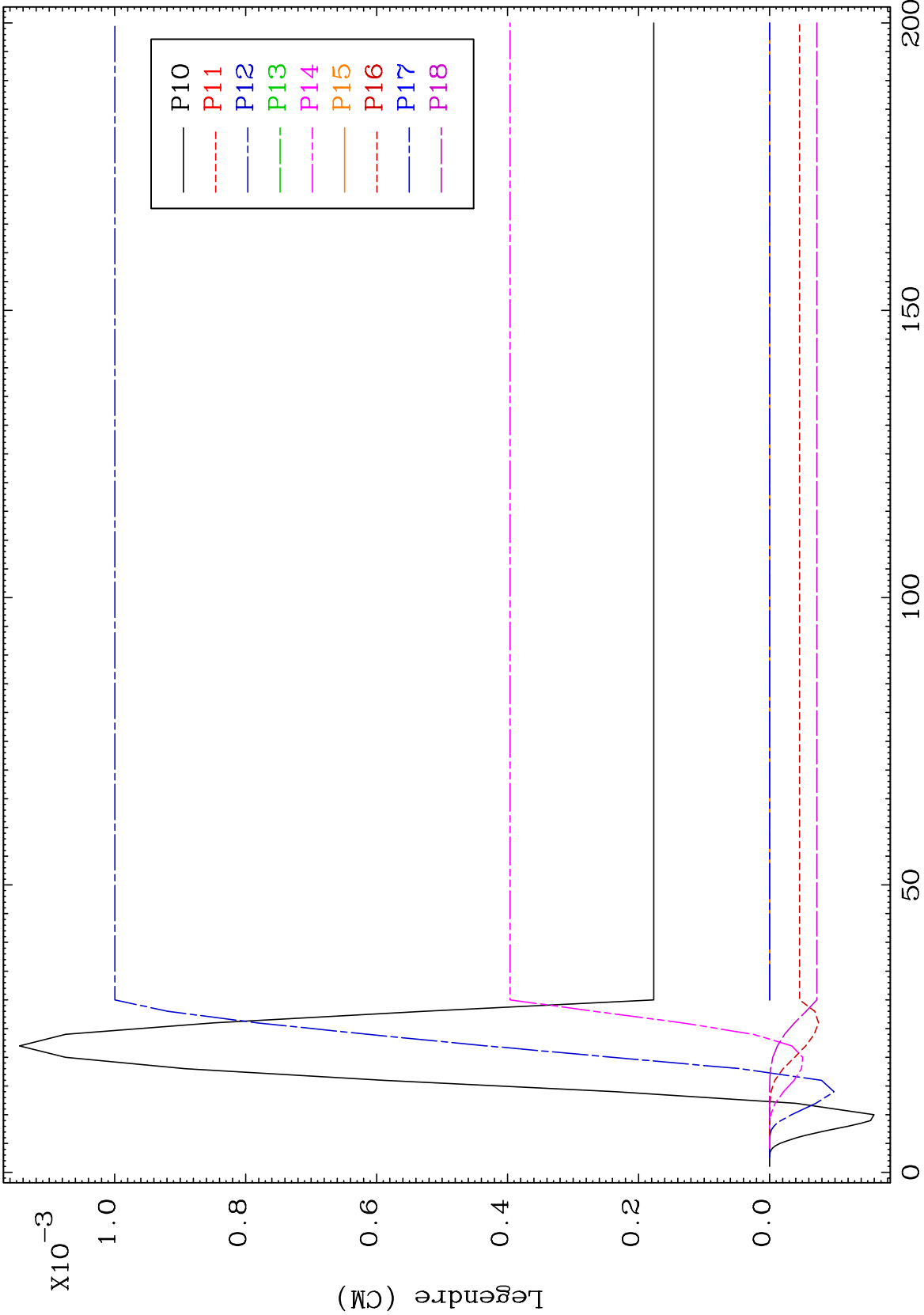
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



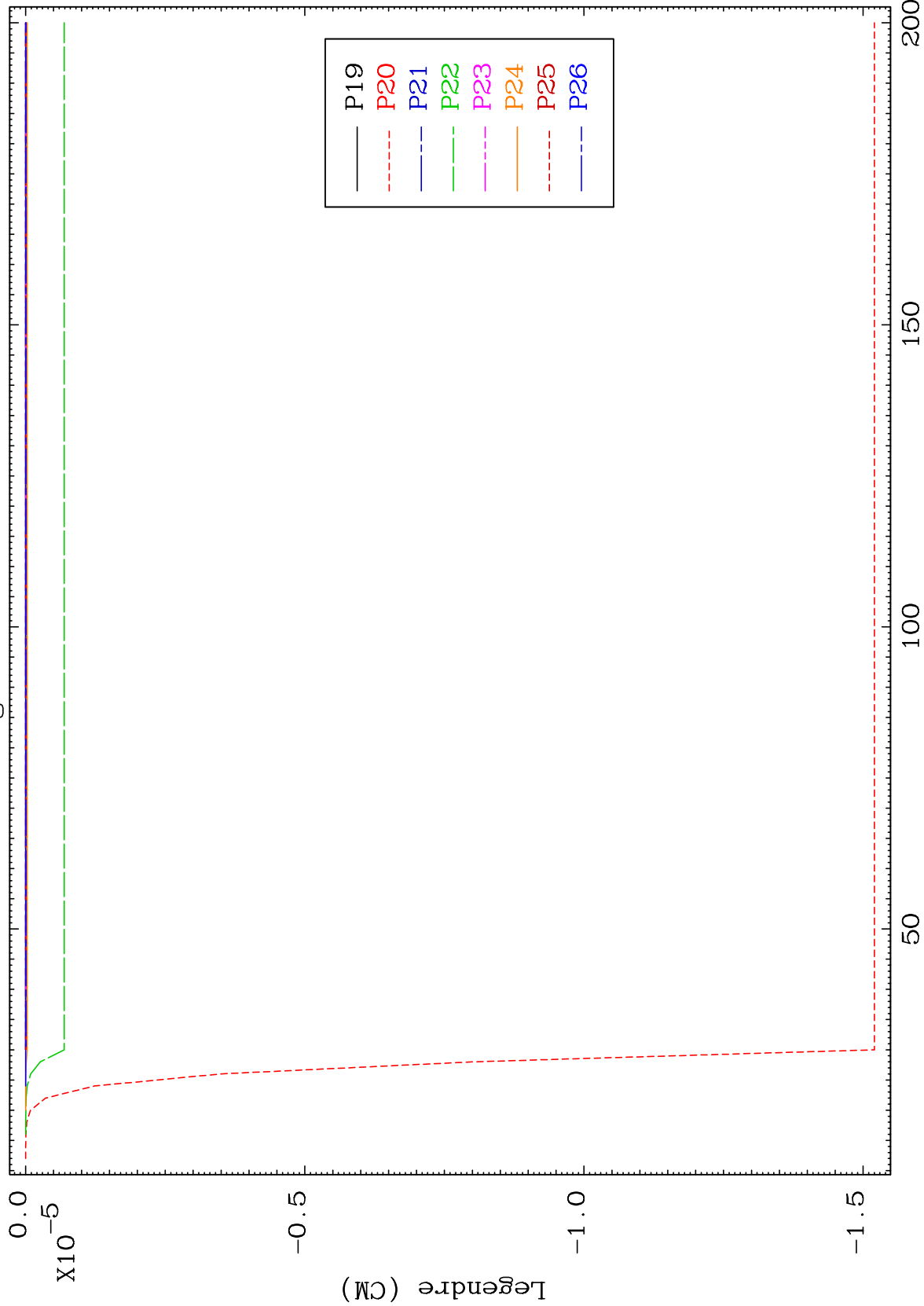
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74-W -181

MAT 7428

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

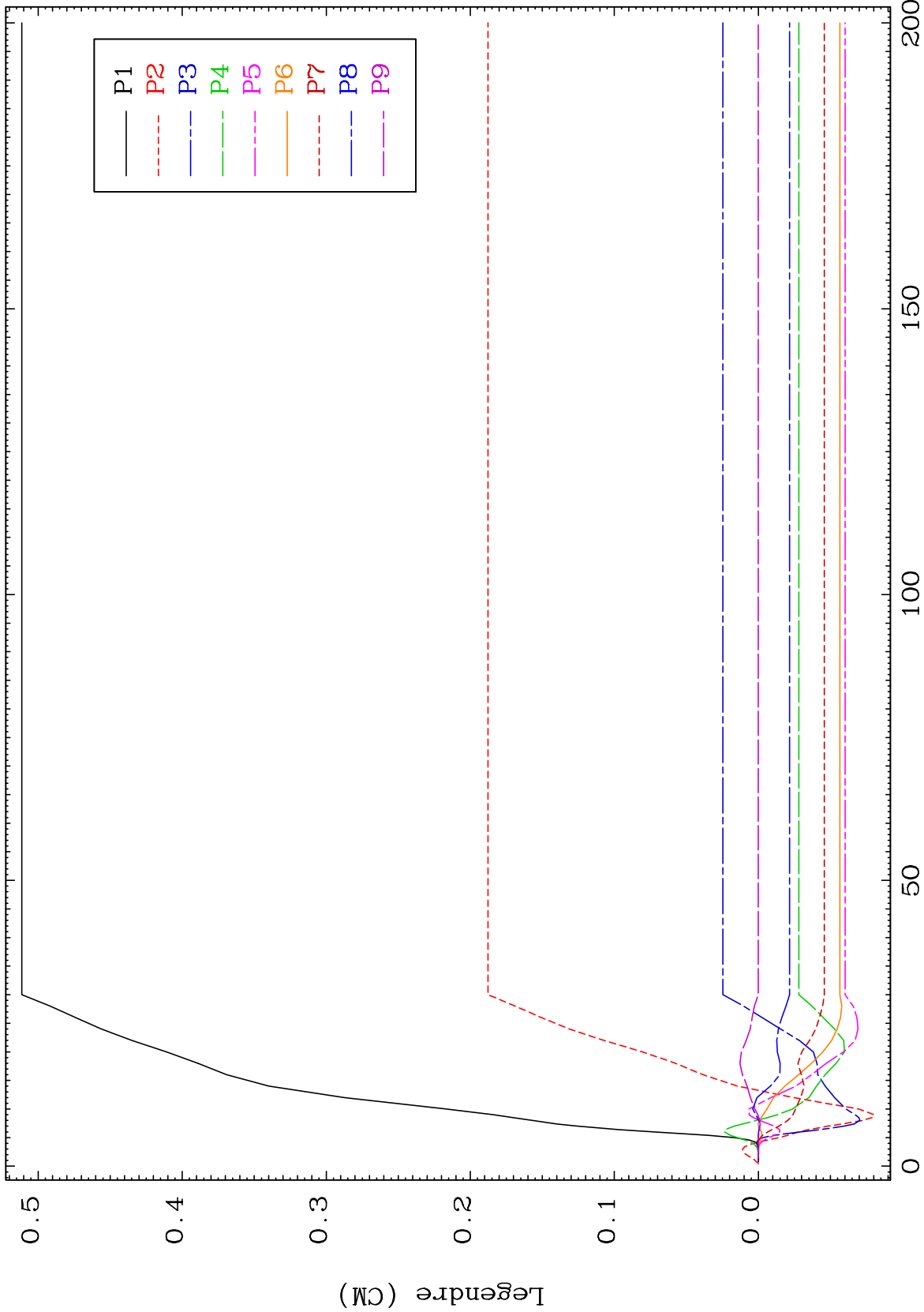
74-W -181



MAT 7428

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

74-W -181



34

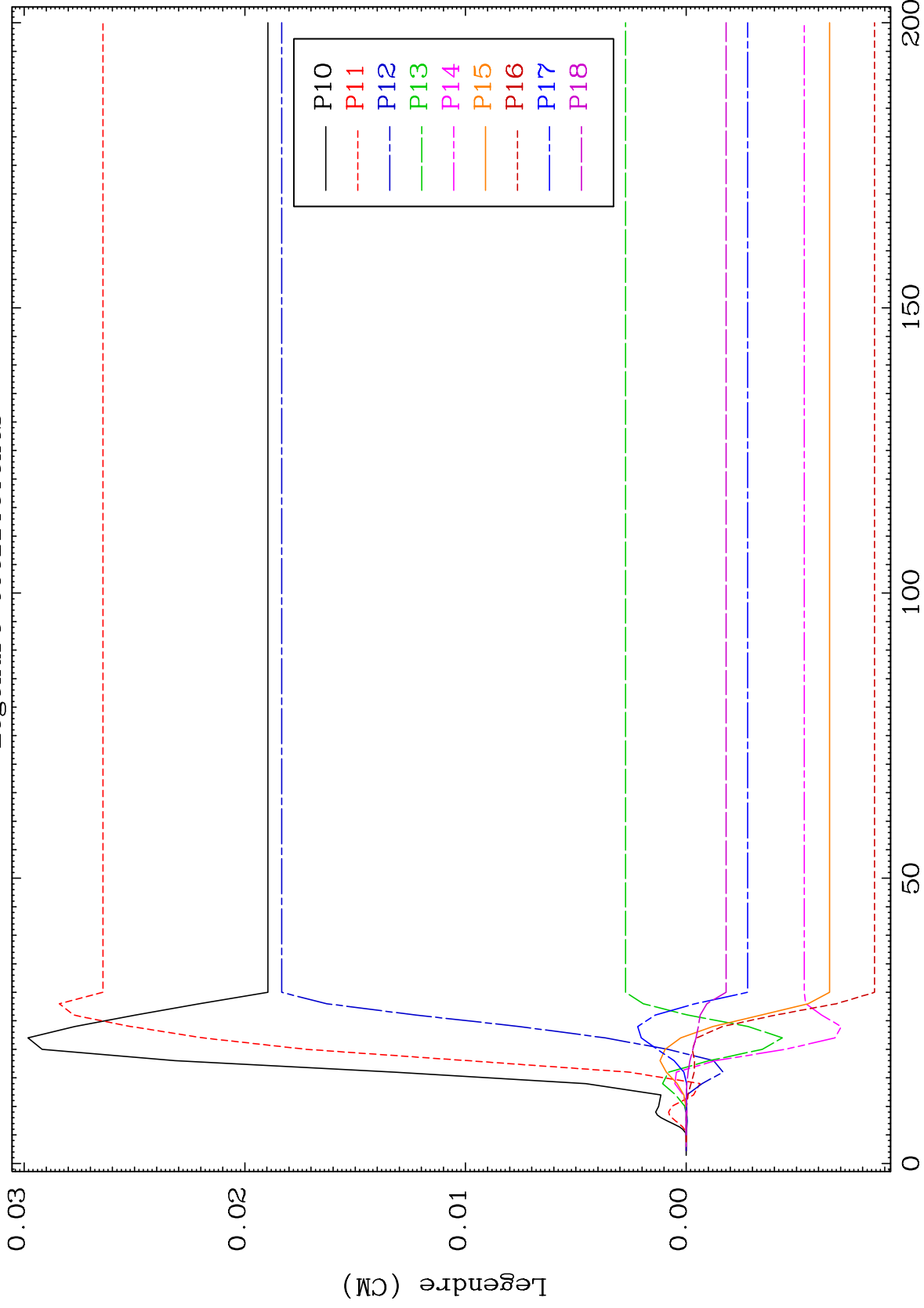
Incident Energy (MeV)

74-W -181

MAT 7428

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

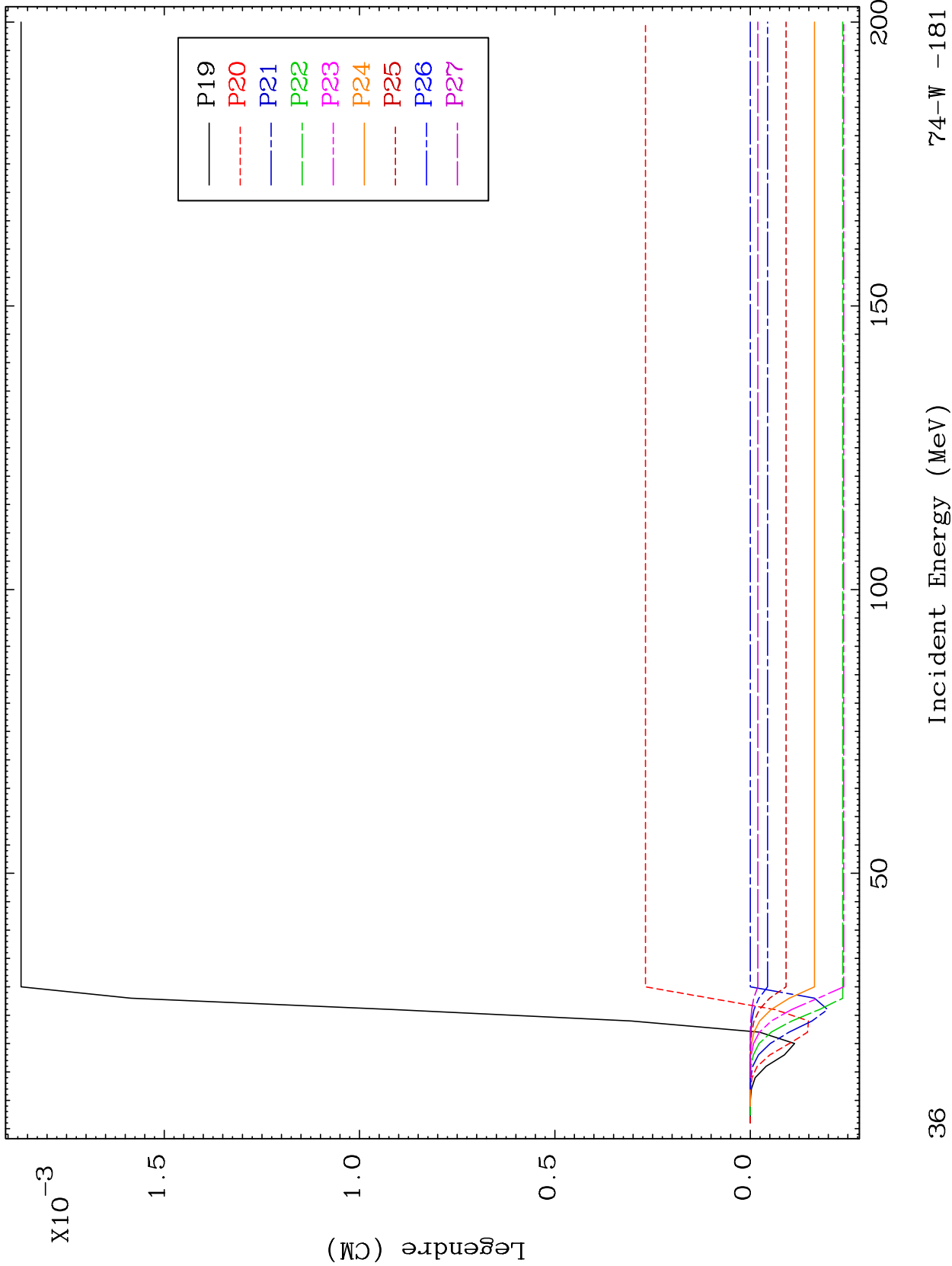
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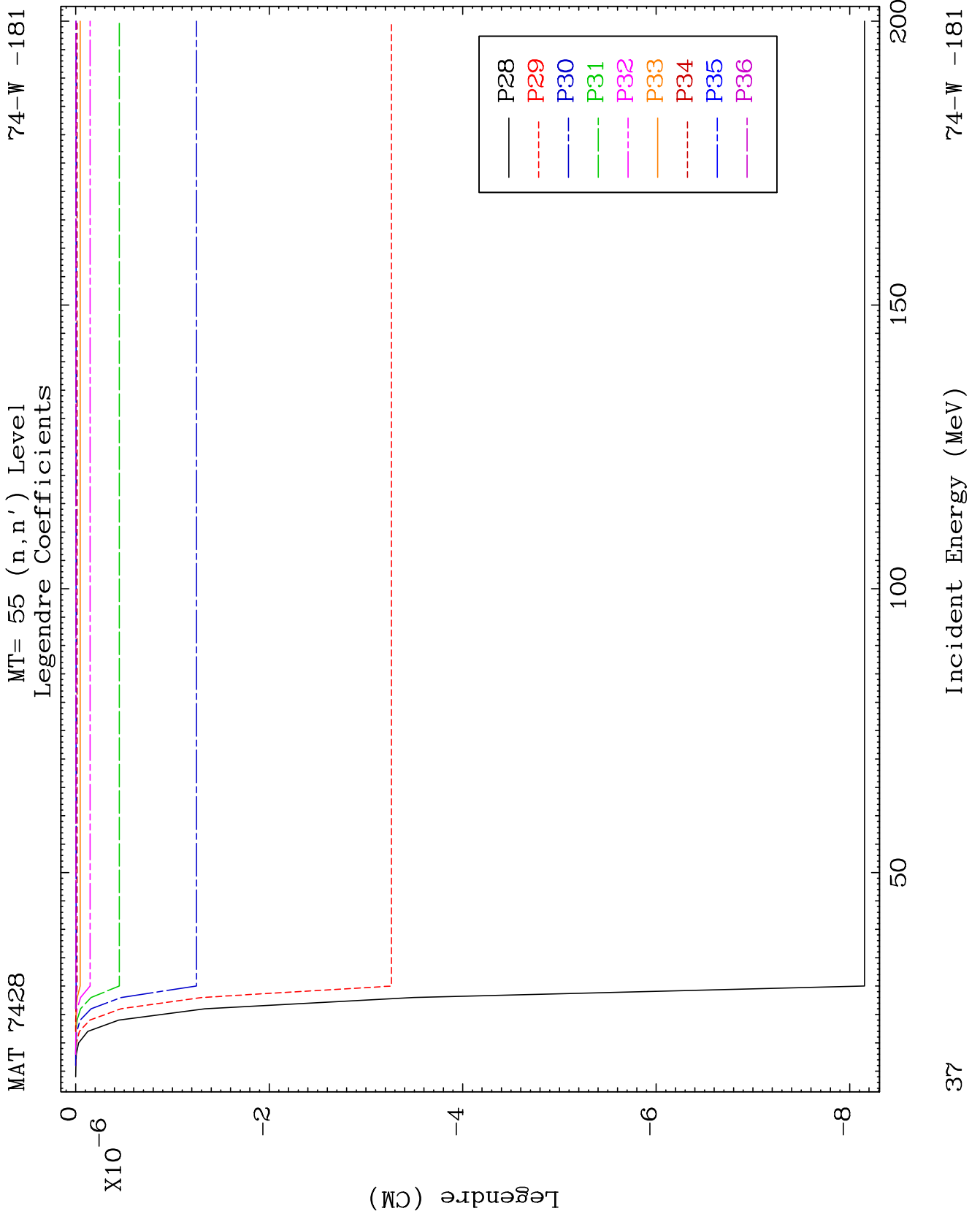


35

Incident Energy (MeV)

74-W -181

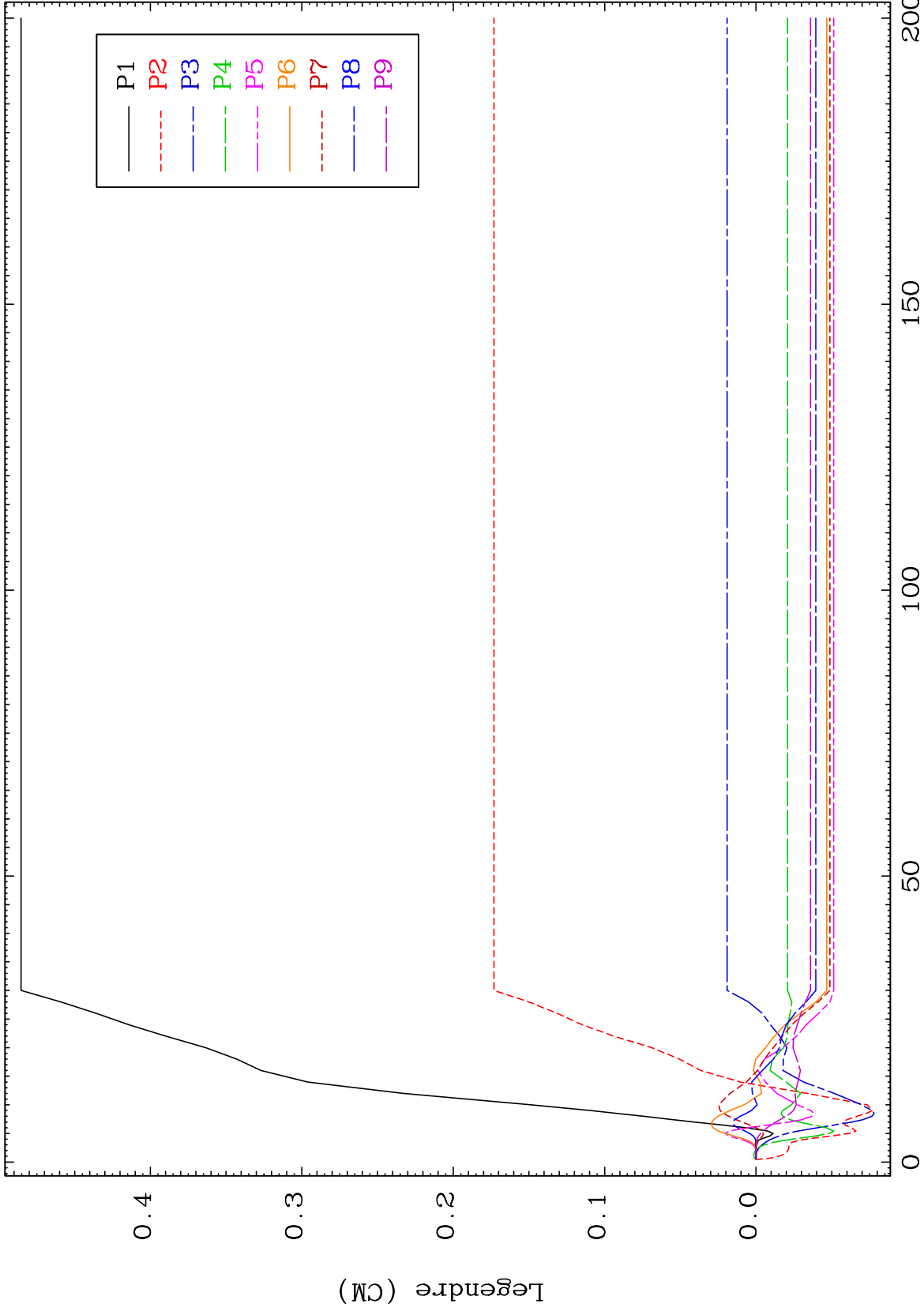




MAT 7428

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

74-W -181



38

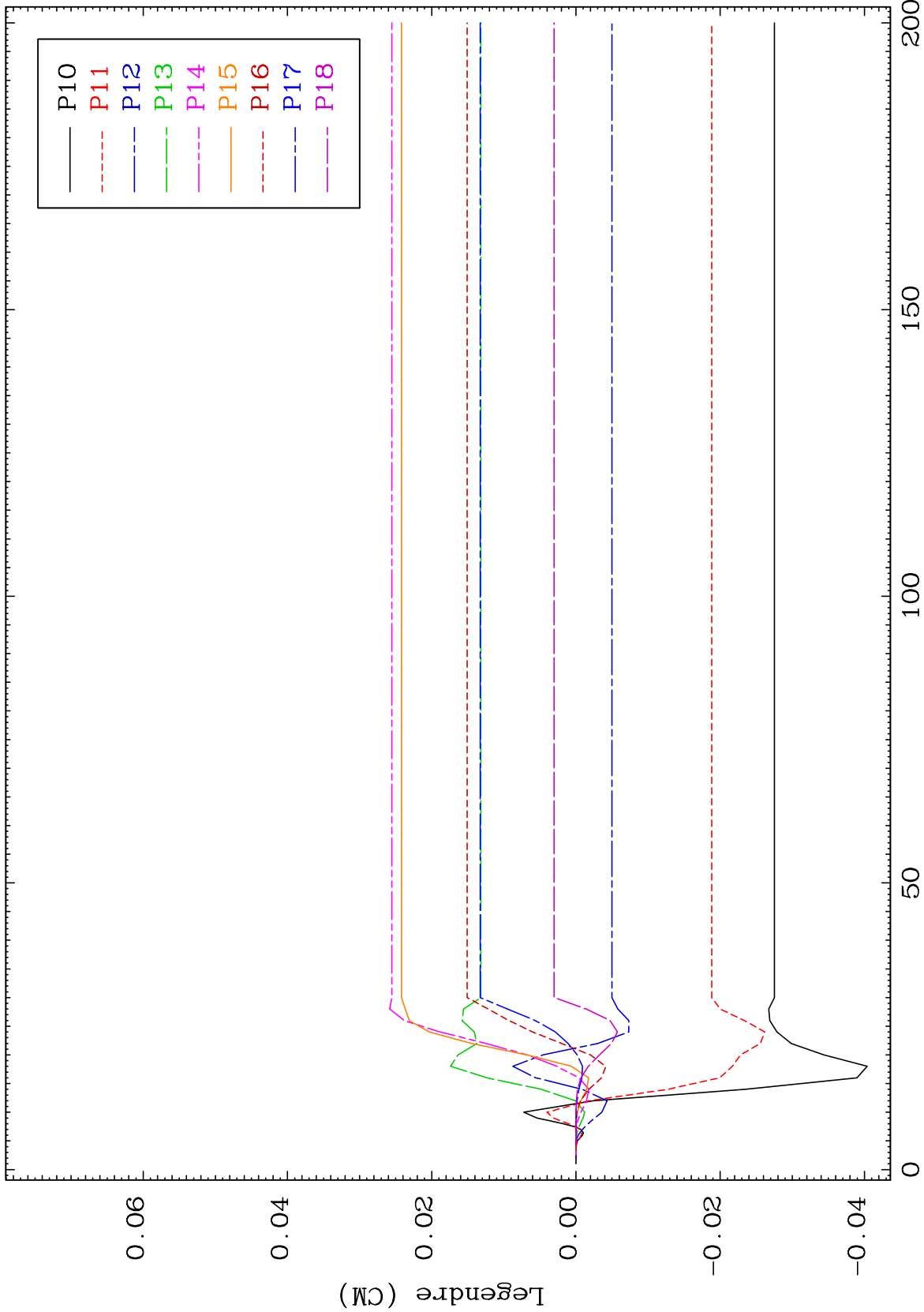
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



39

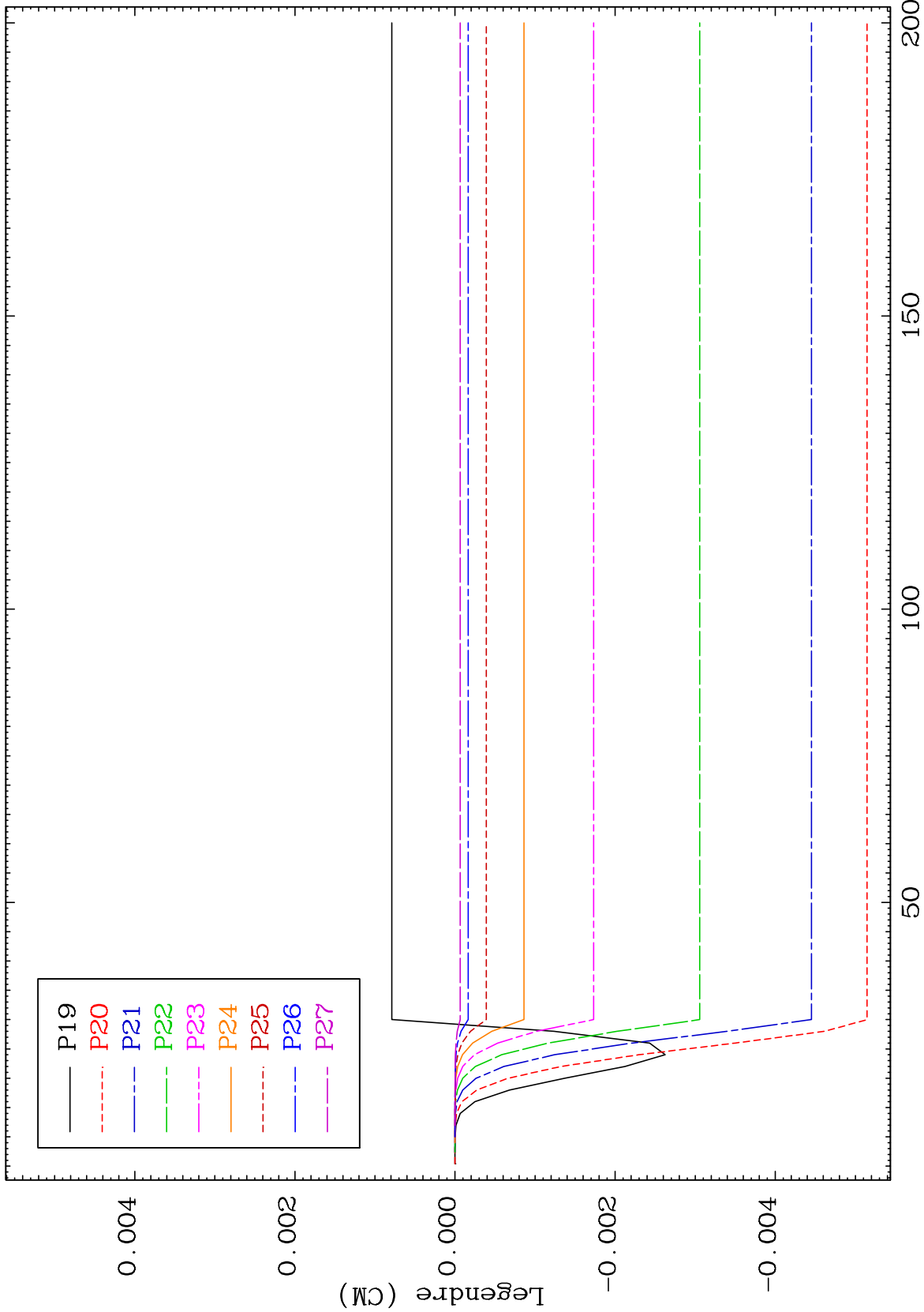
Incident Energy (MeV)

74-W -181

MAT 7428

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

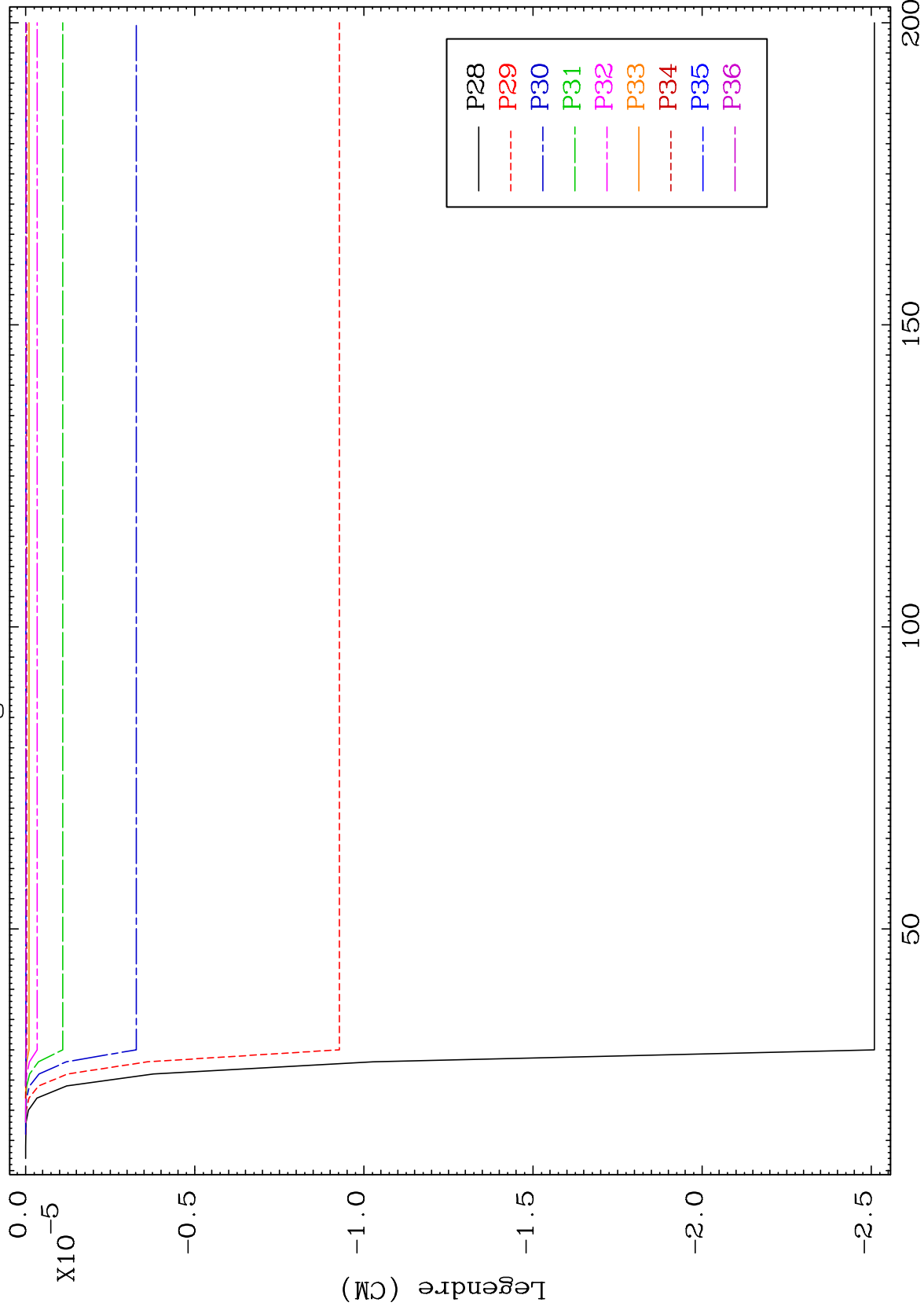
74-W -181



40

Incident Energy (MeV)

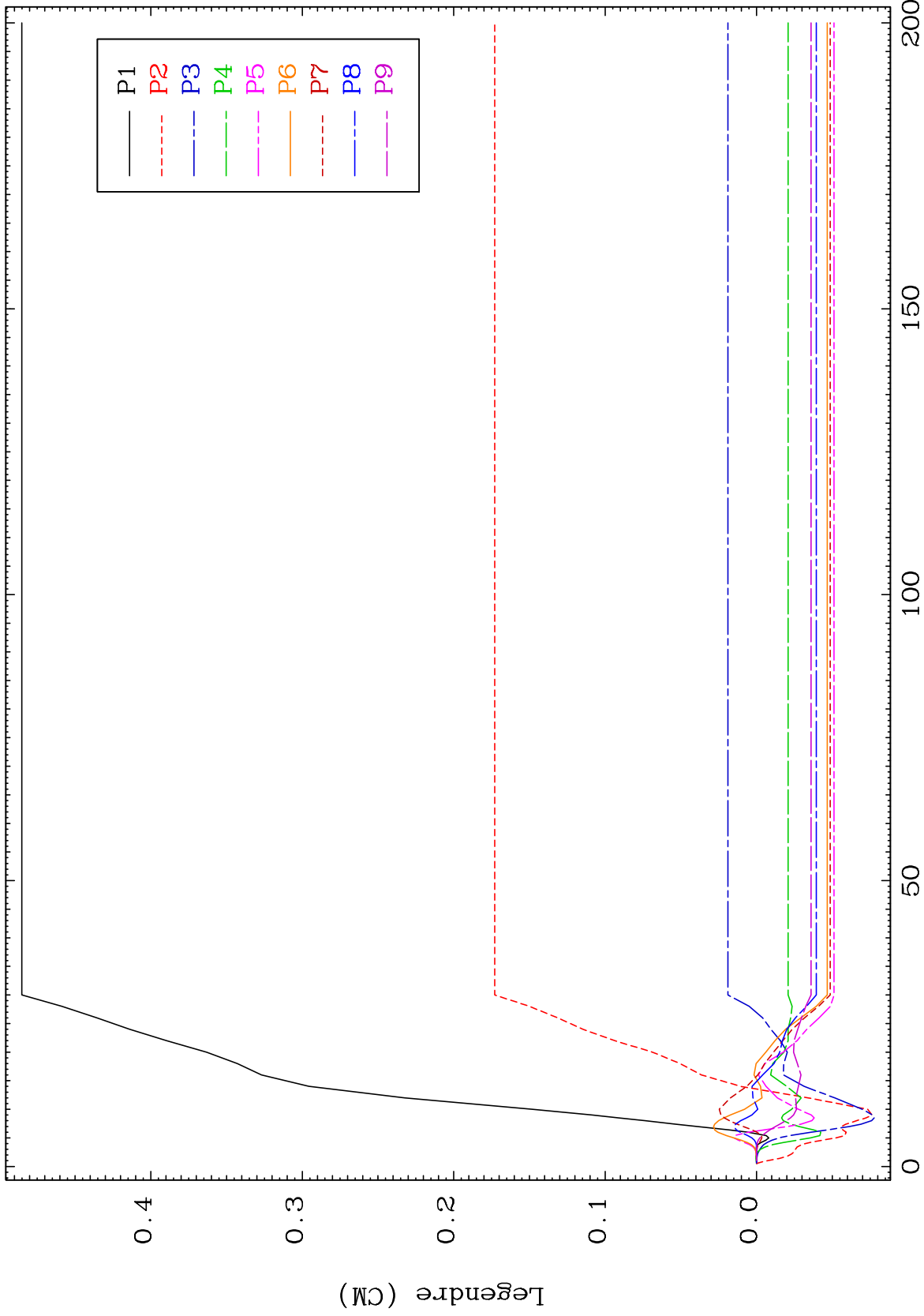
74-W -181



MAT 7428

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

74-W -181



42

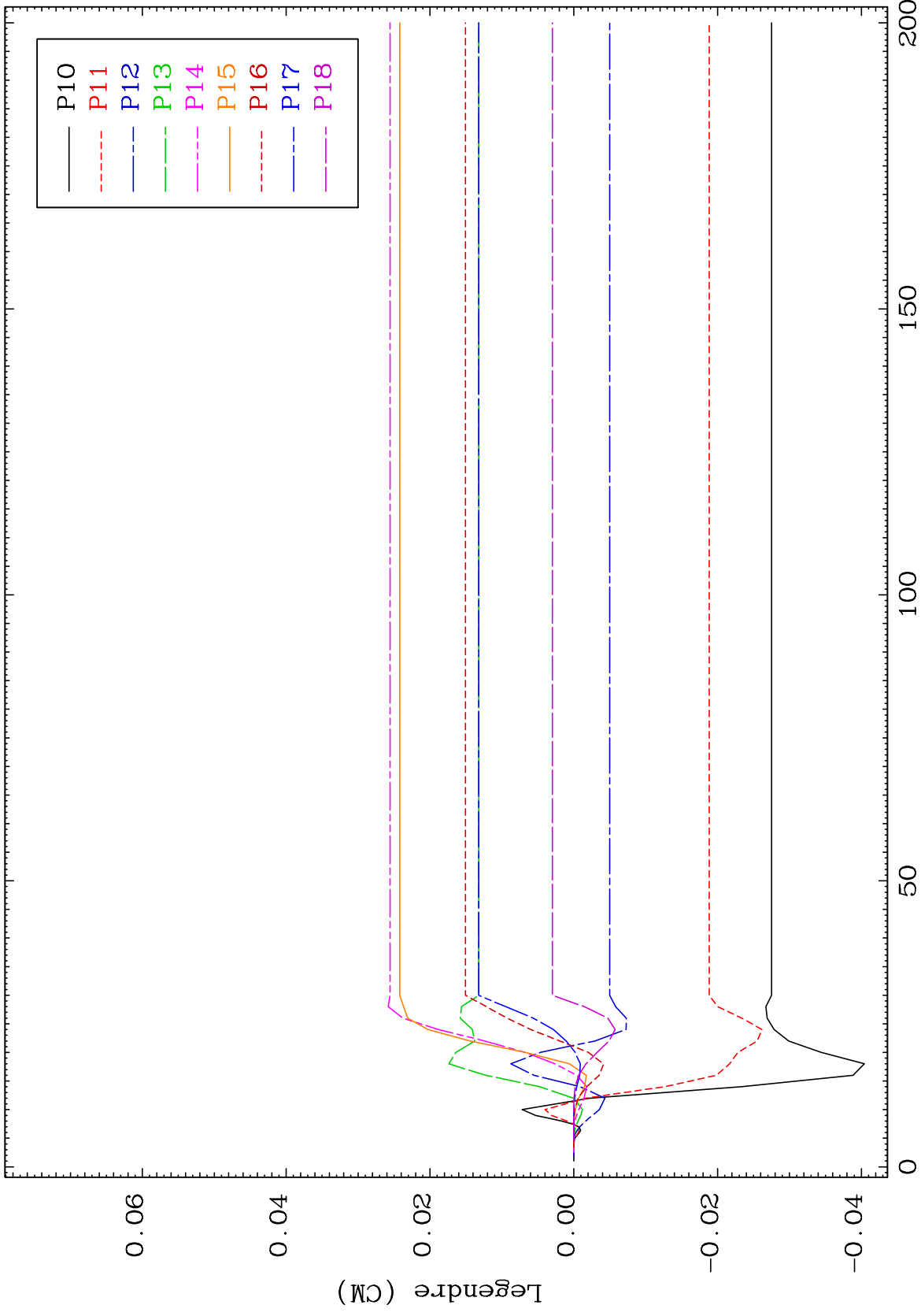
Incident Energy (MeV)

74-W -181

MAT 7428

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

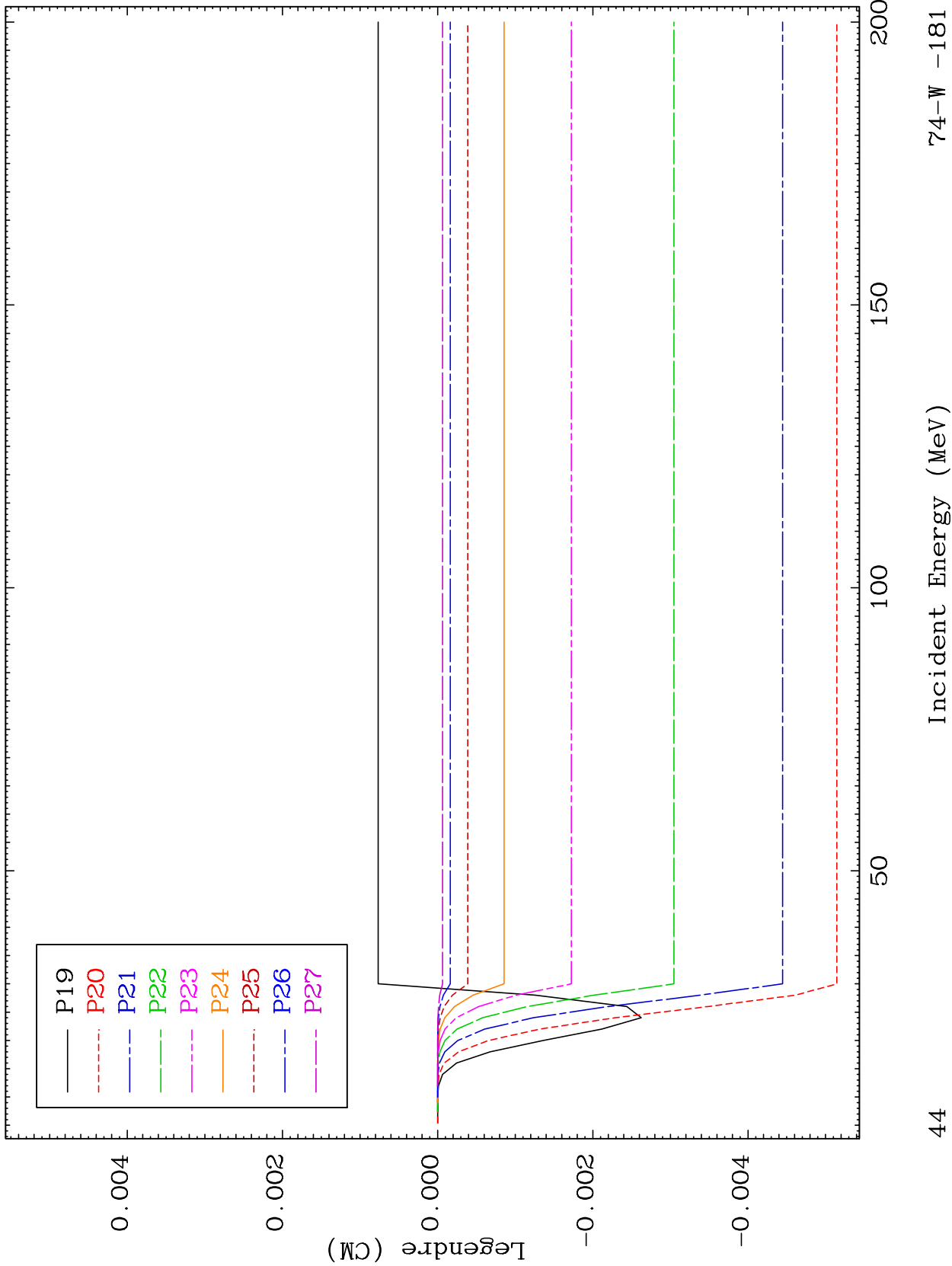
74-W -181



43

Incident Energy (MeV)

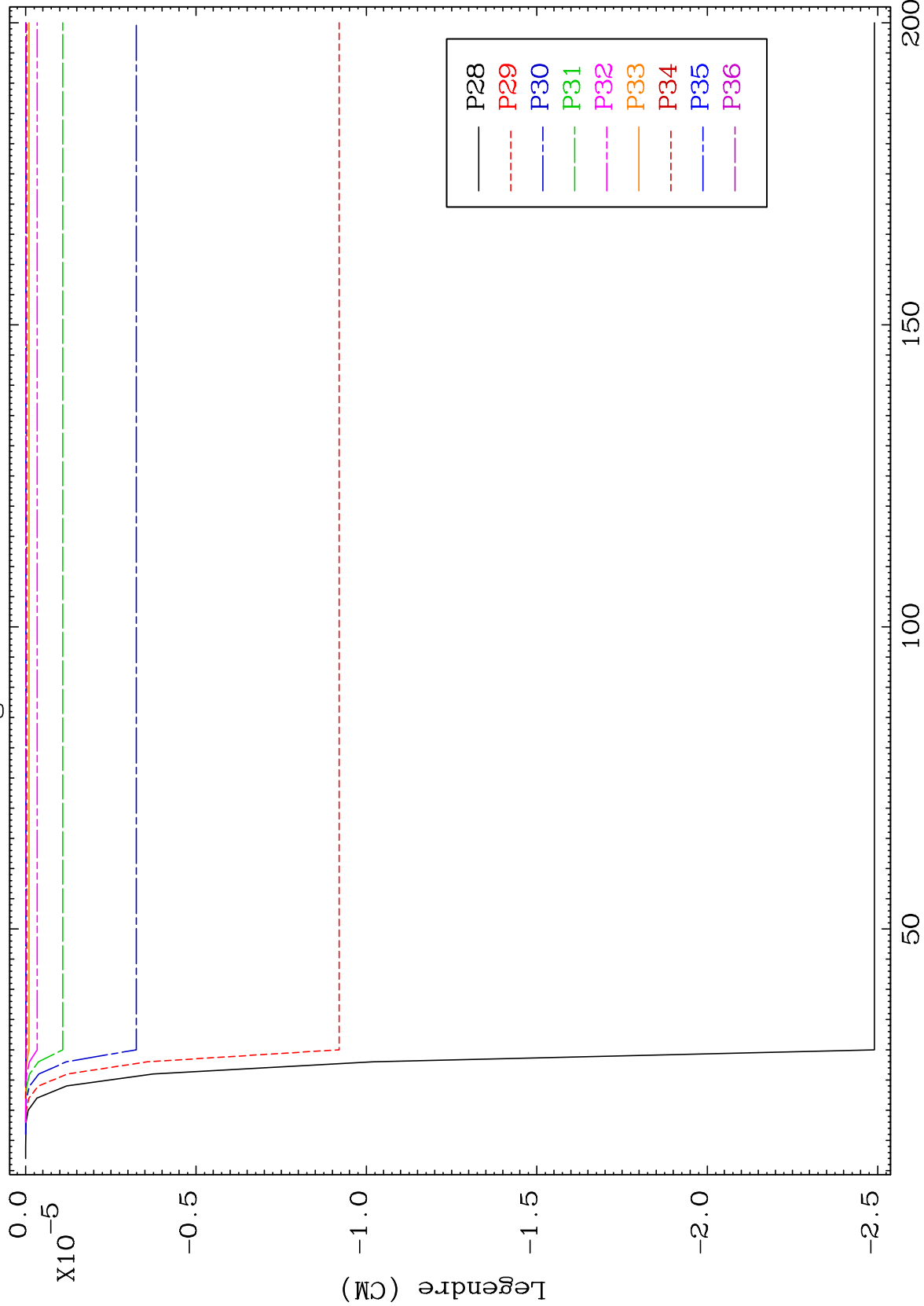
74-W -181



MAT 7428

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

74-W -181



74-W -181

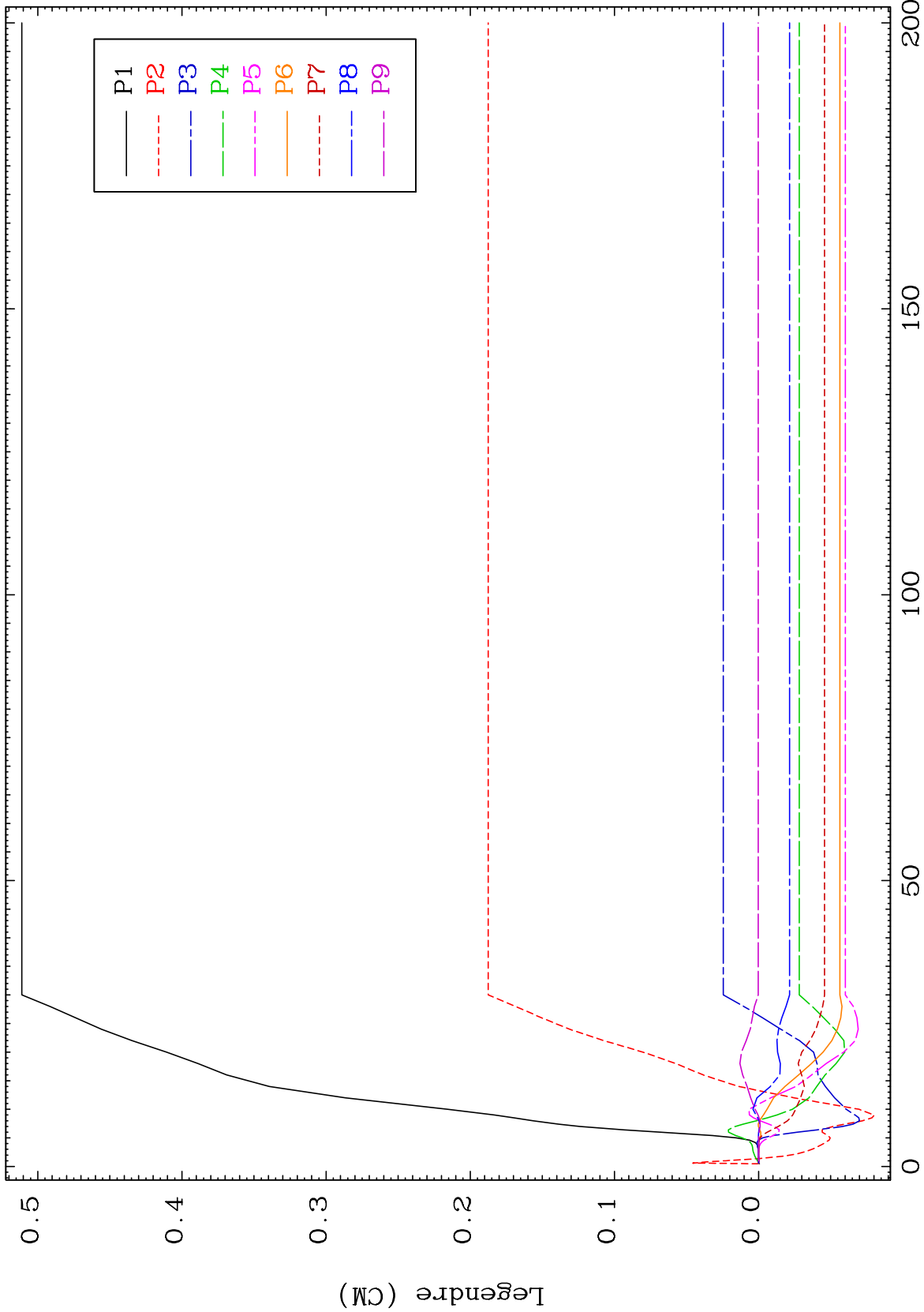
Incident Energy (MeV)

45

MAT 7428

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

74-W -181



46

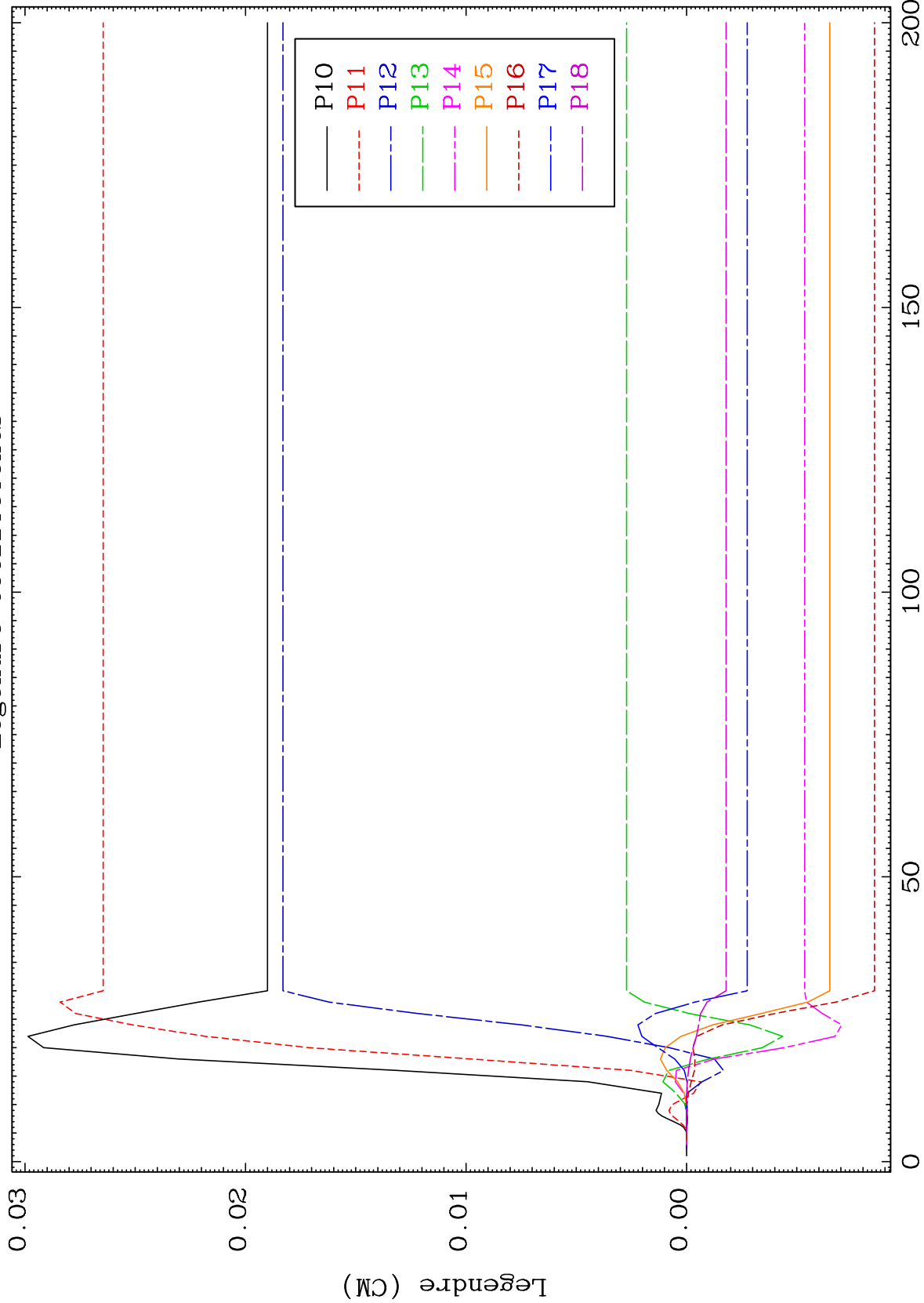
Incident Energy (MeV)

74-W -181

MAT 7428

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

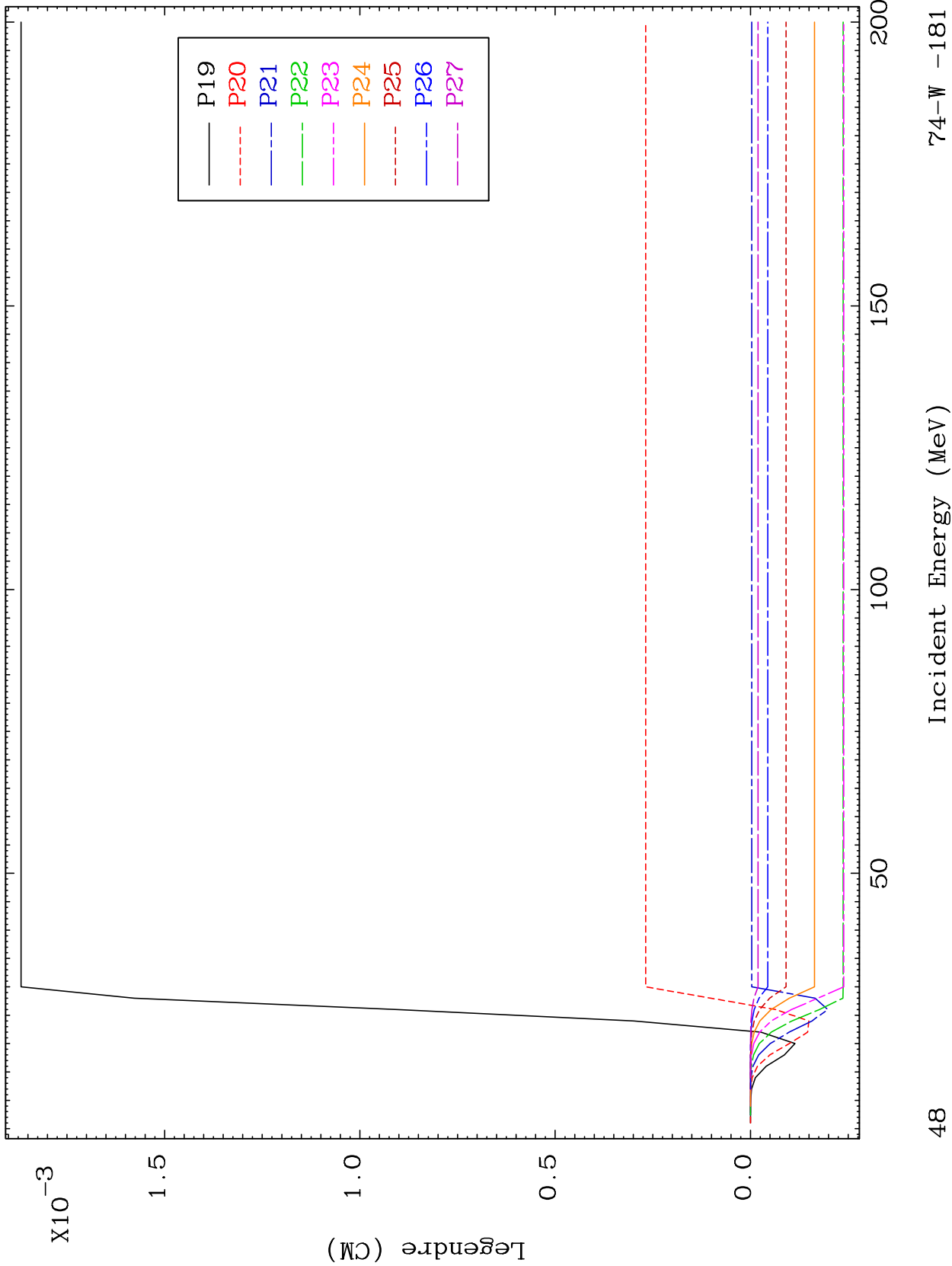
74-W -181

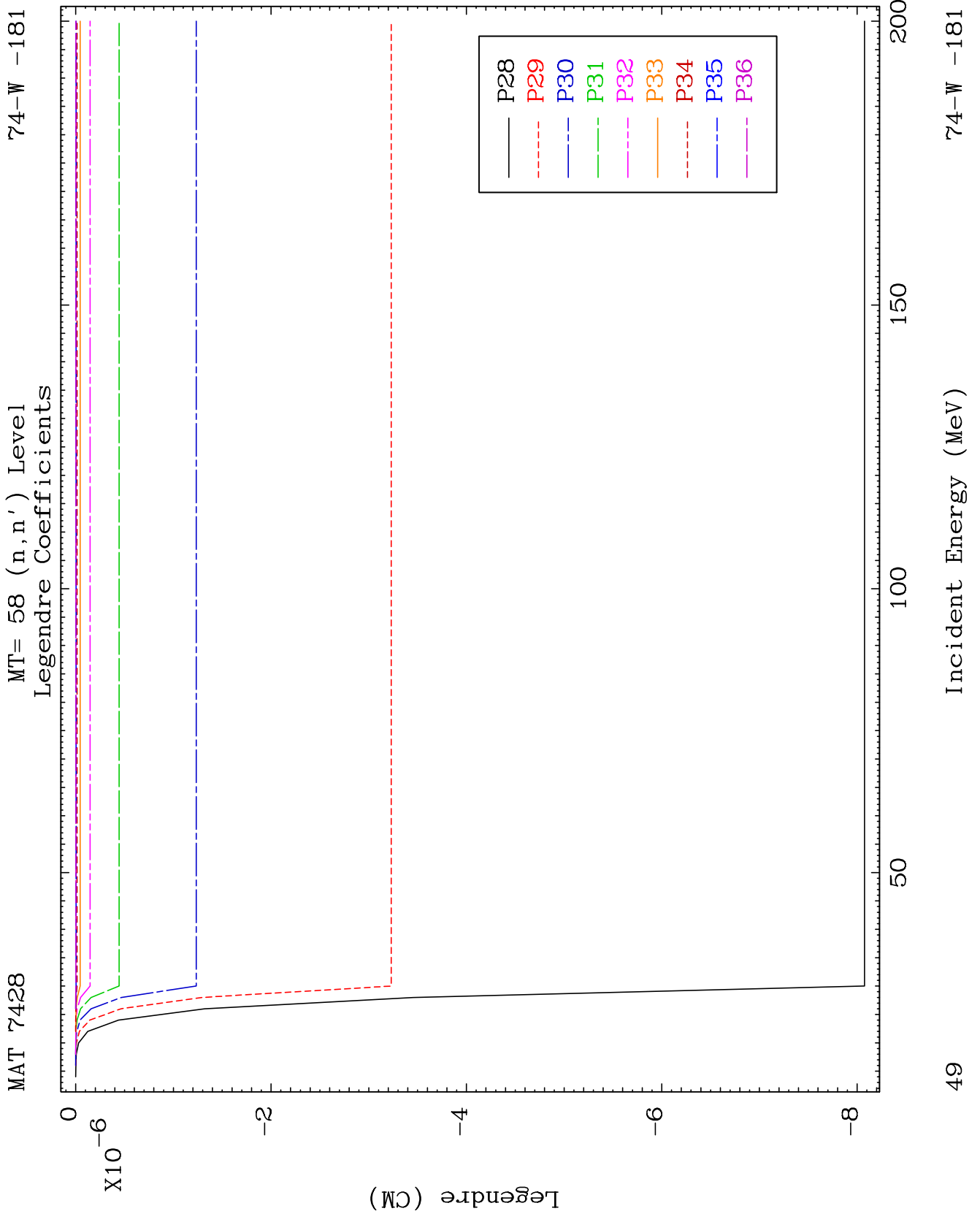


47

Incident Energy (MeV)

74-W -181

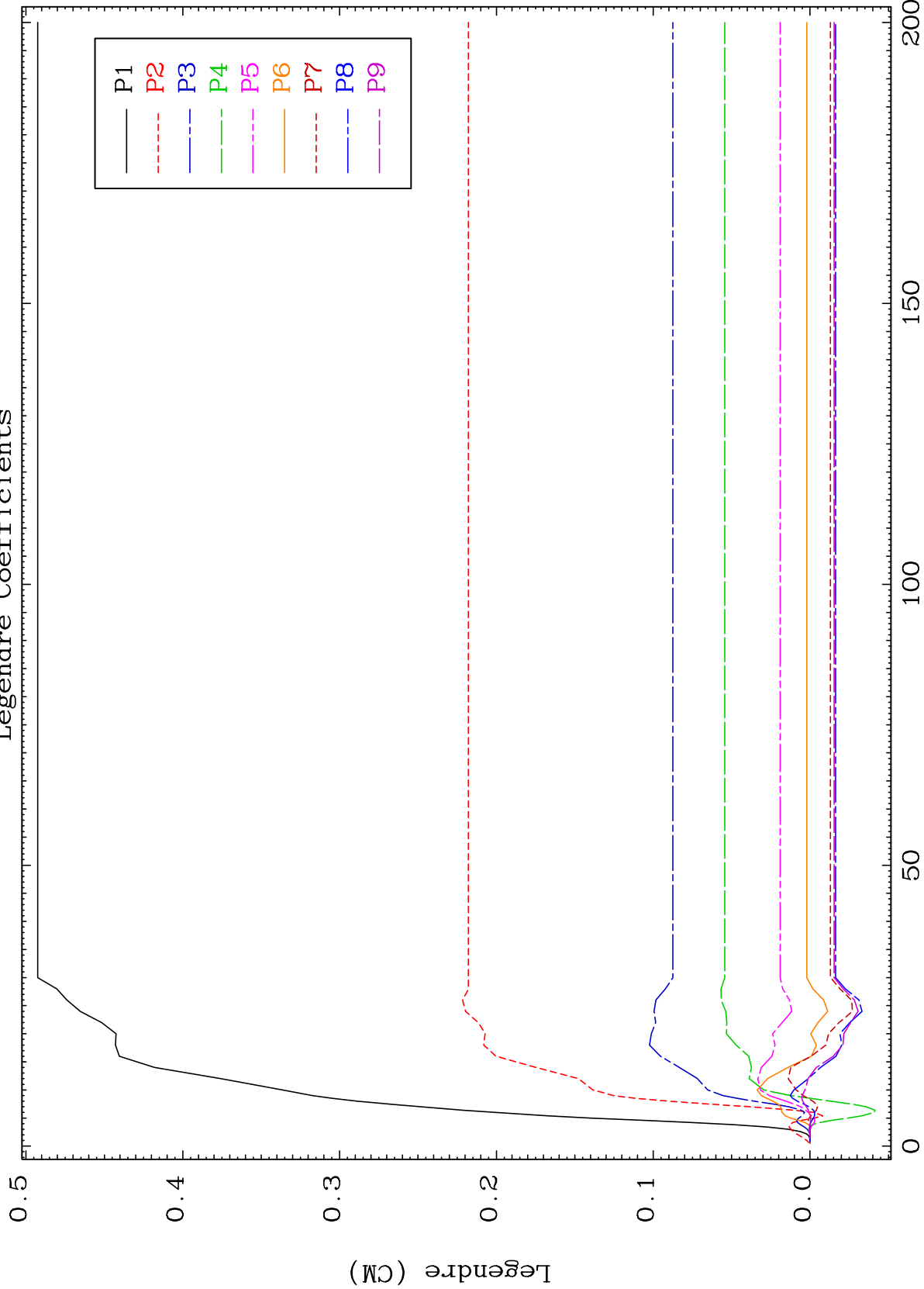




MAT 7428

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

74-W -181



74-W -181

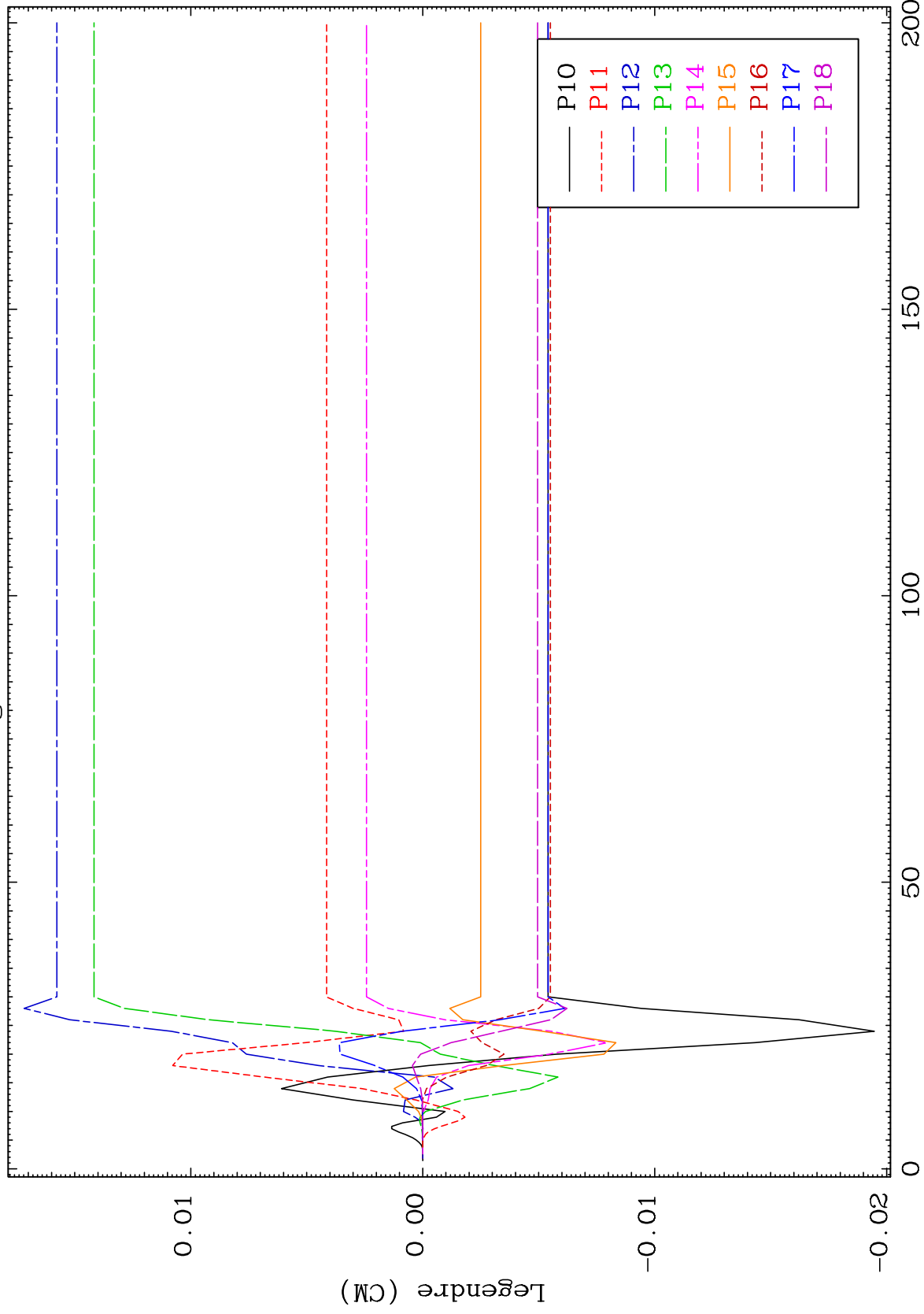
Incident Energy (MeV)

50

MAT 7428

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

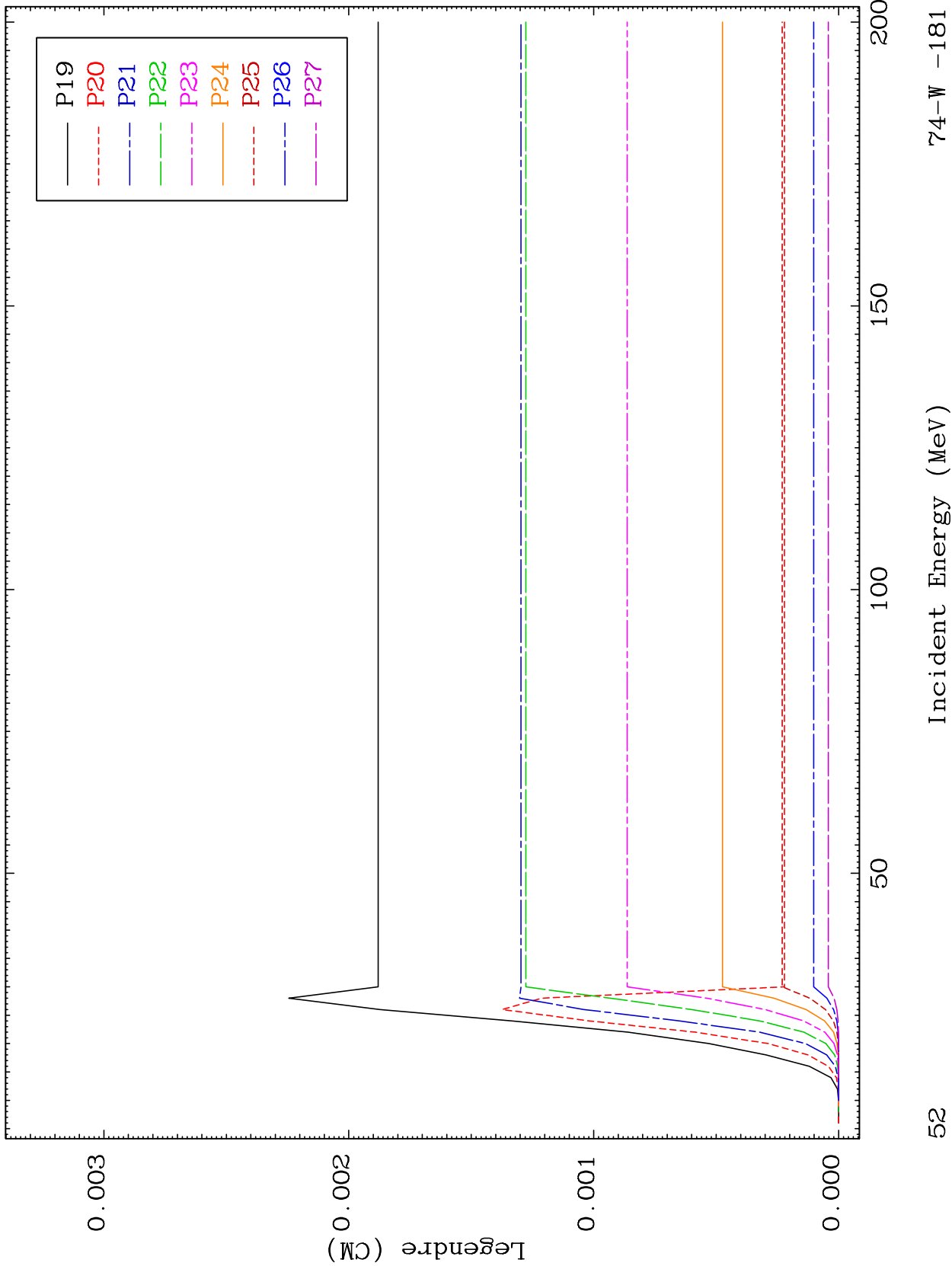
74-W -181

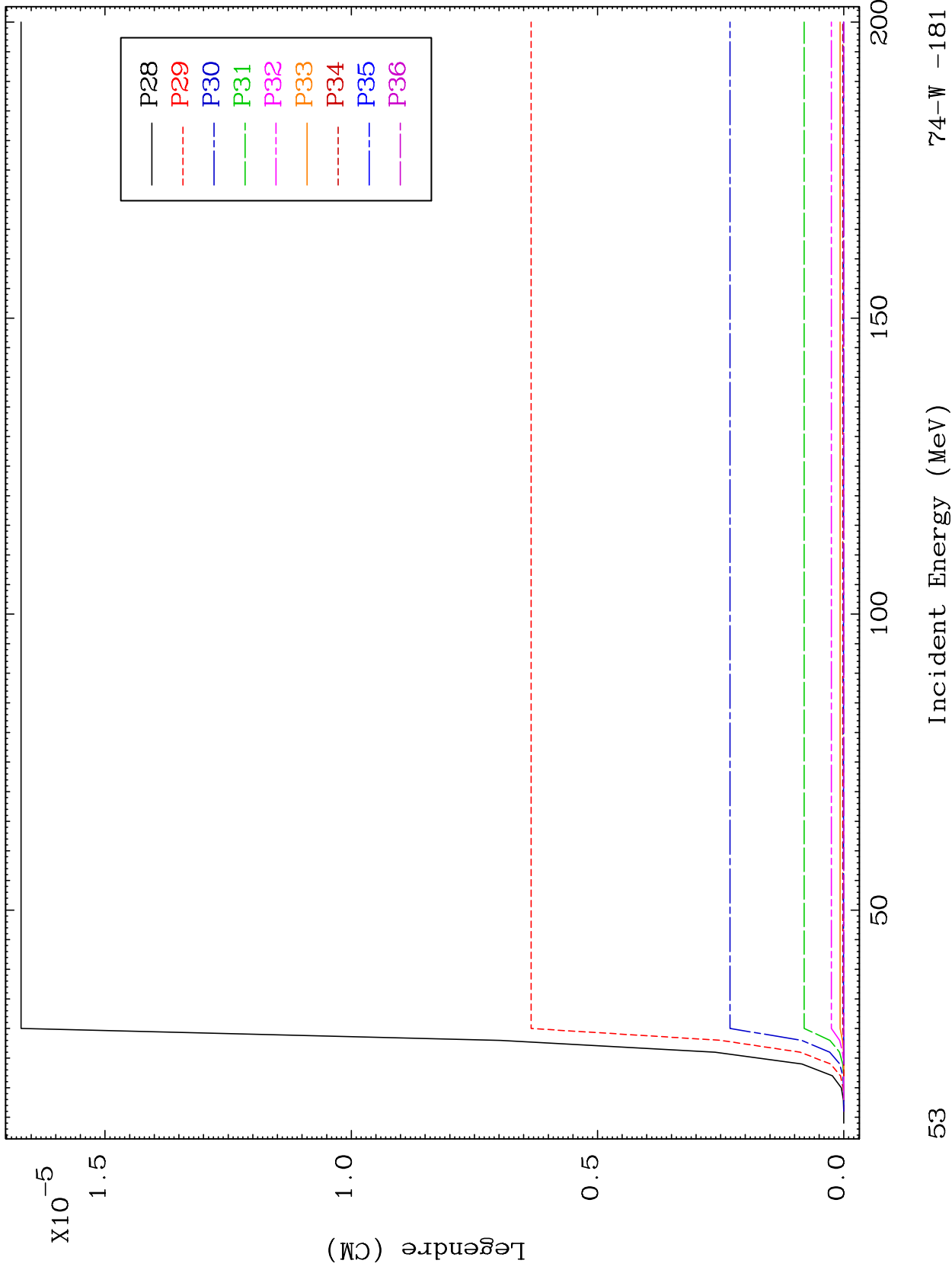


51

Incident Energy (MeV)

74-W -181

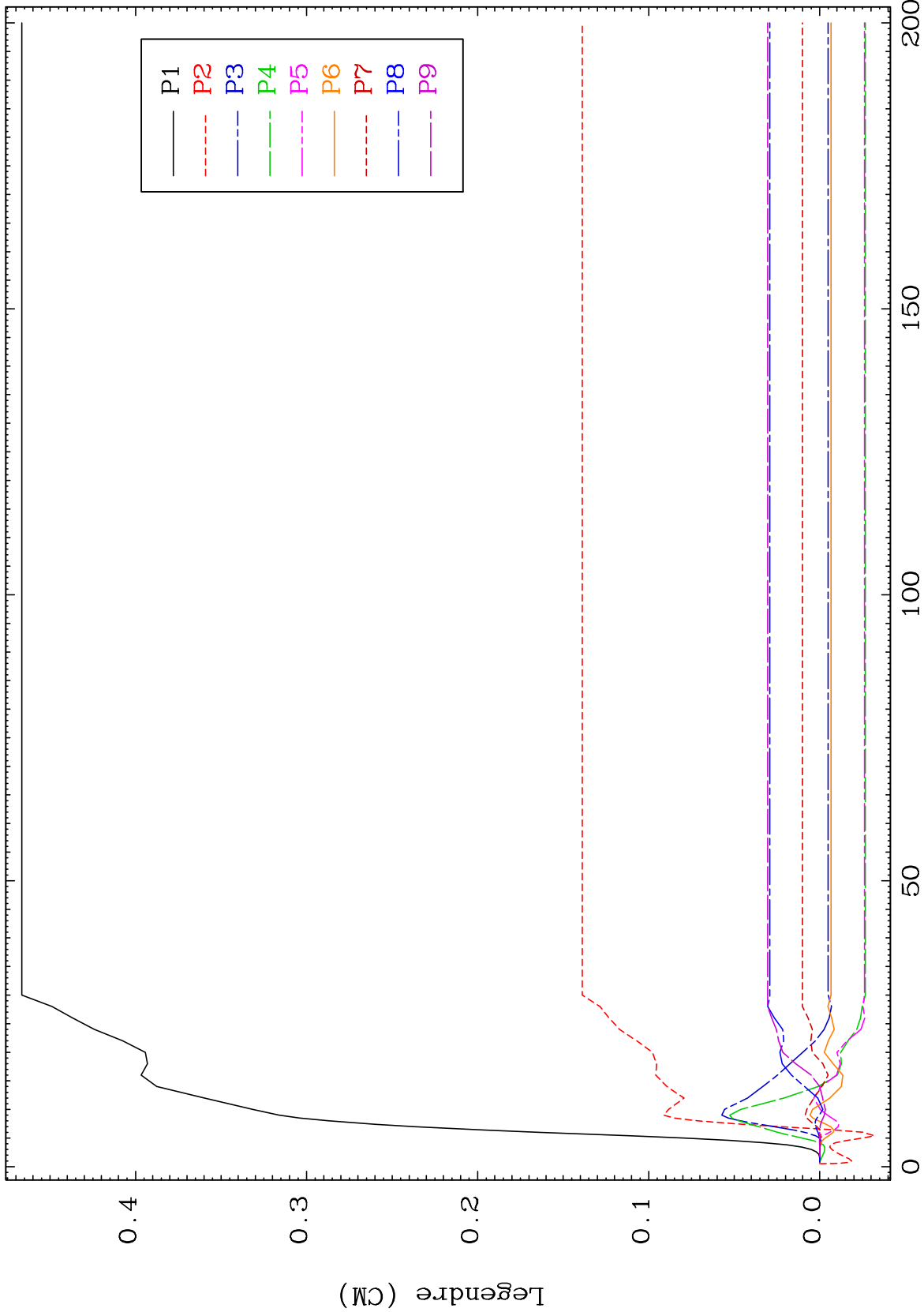




MAT 7428

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

74-W -181



74-W -181

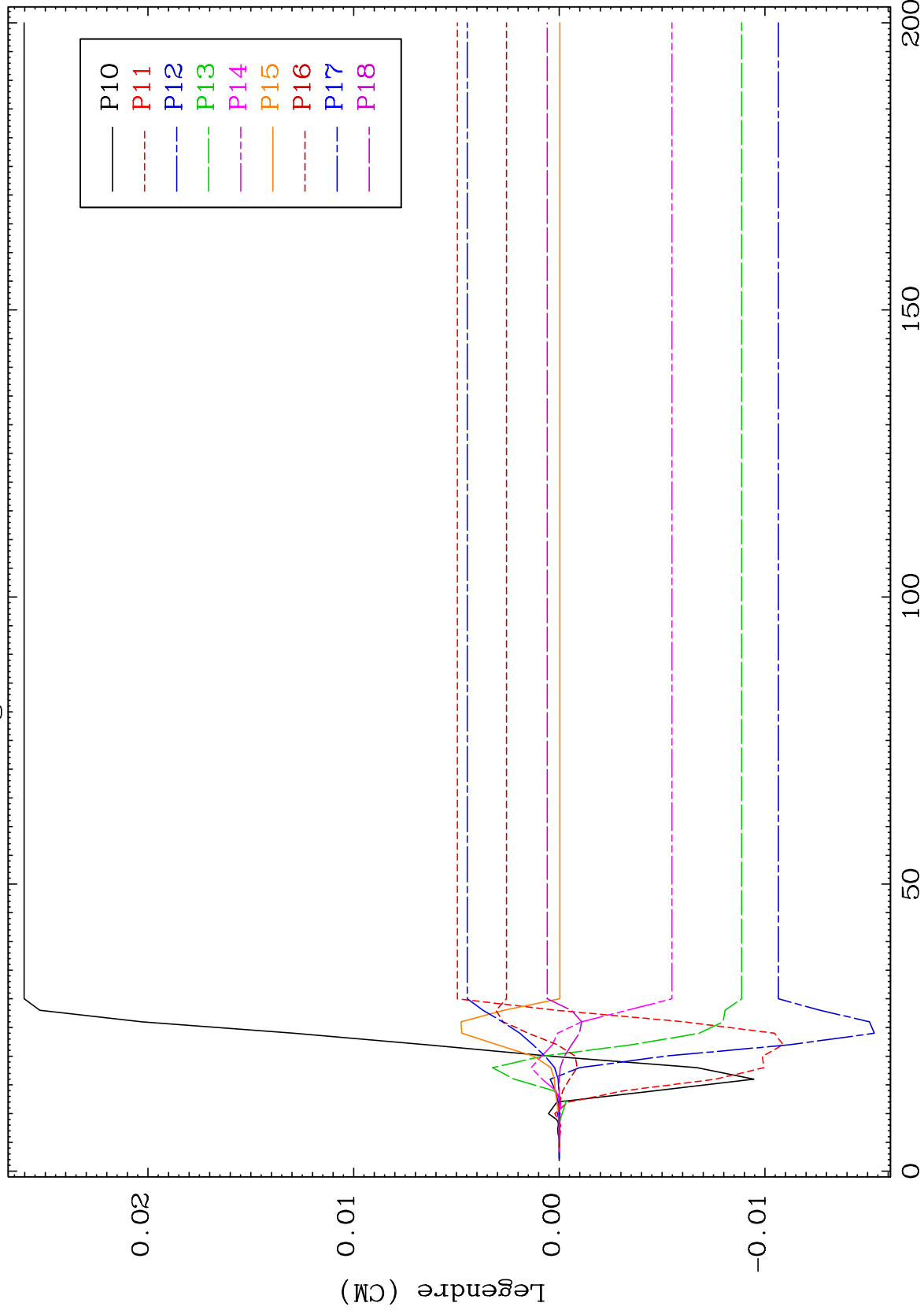
Incident Energy (MeV)

54

MAT 7428

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

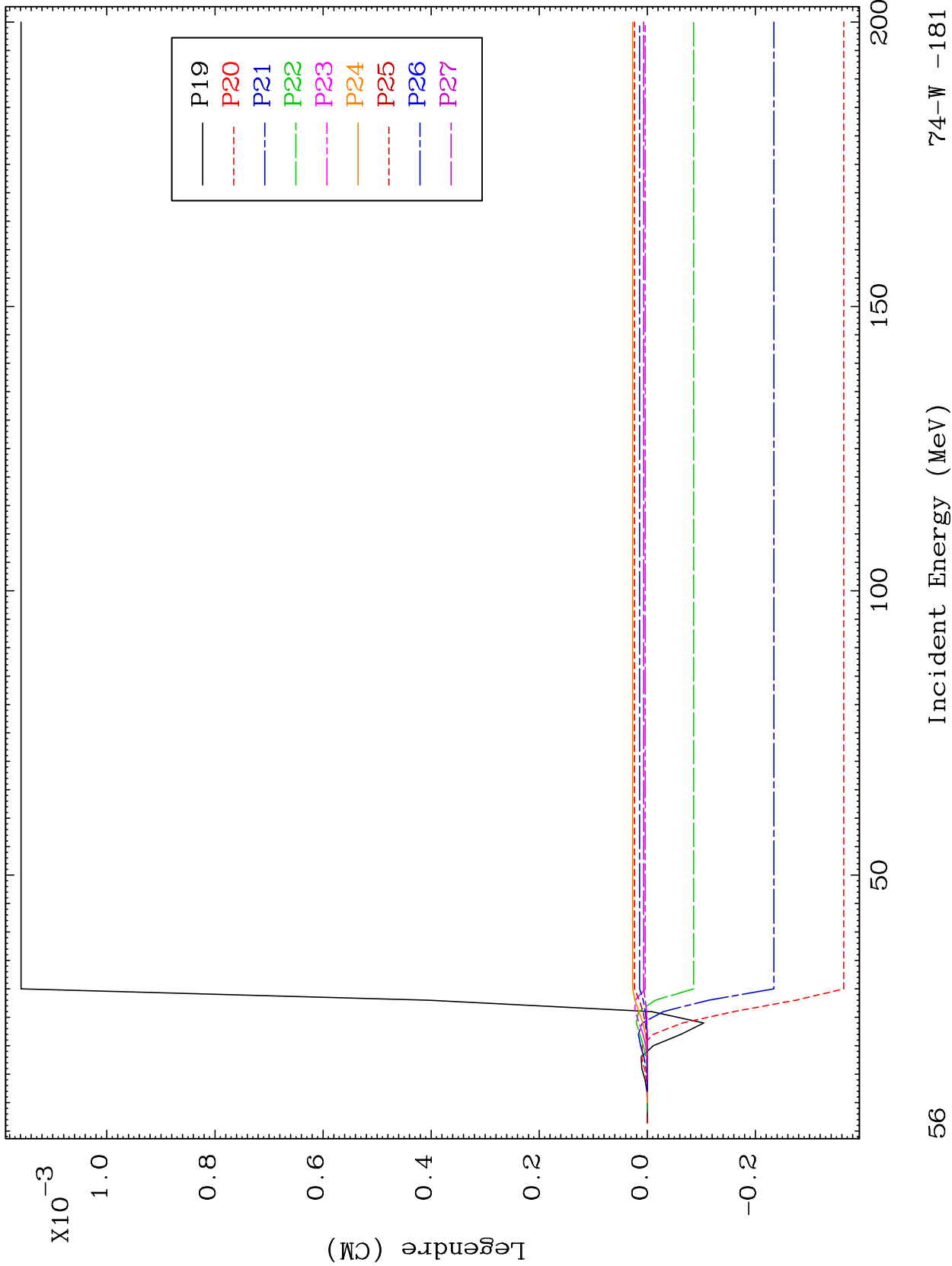
74-W -181



55

Incident Energy (MeV)

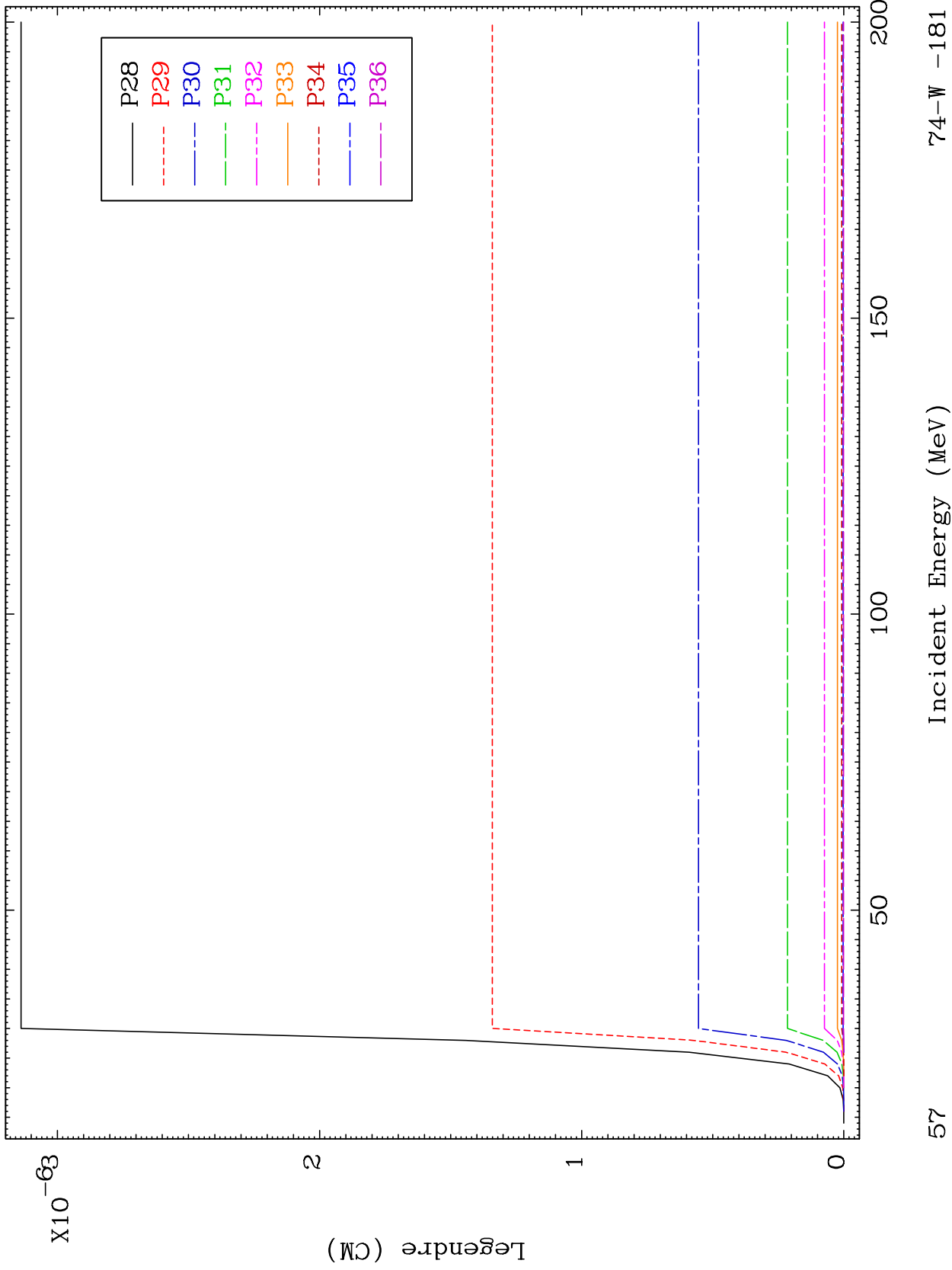
74-W -181



MAT 7428

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

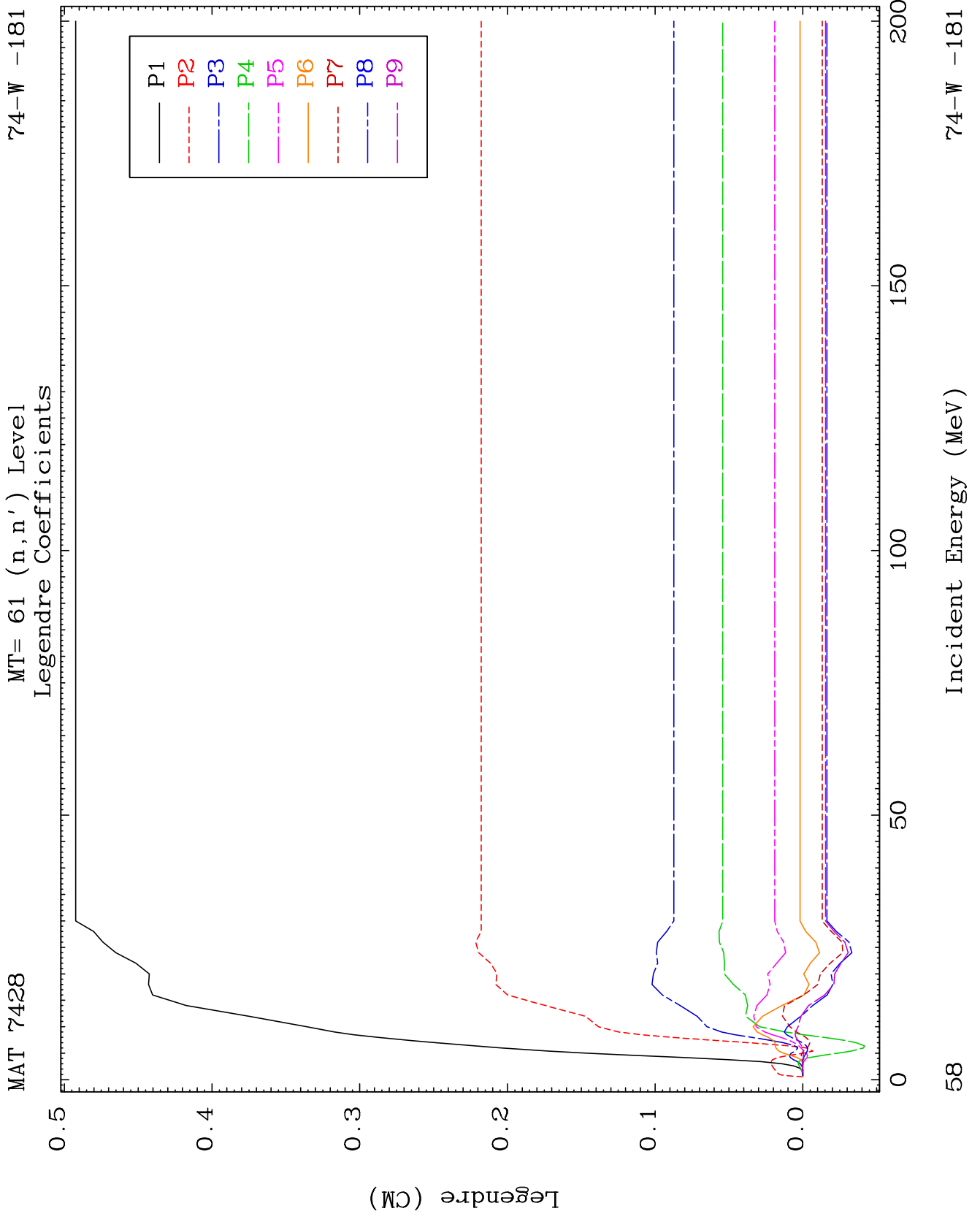
74-W -181



57

Incident Energy (MeV)

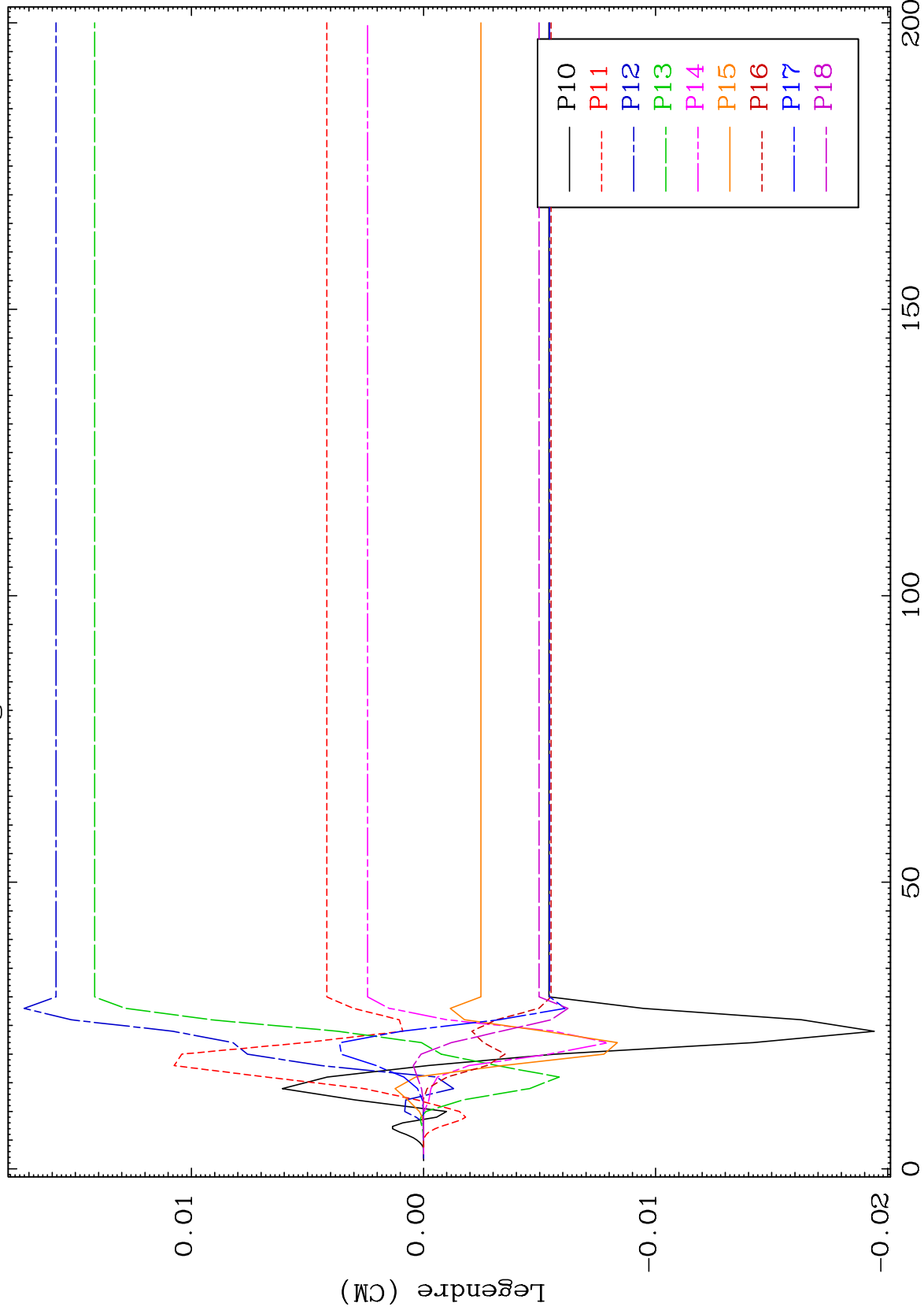
74-W -181



MAT 7428

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

74-W -181



59

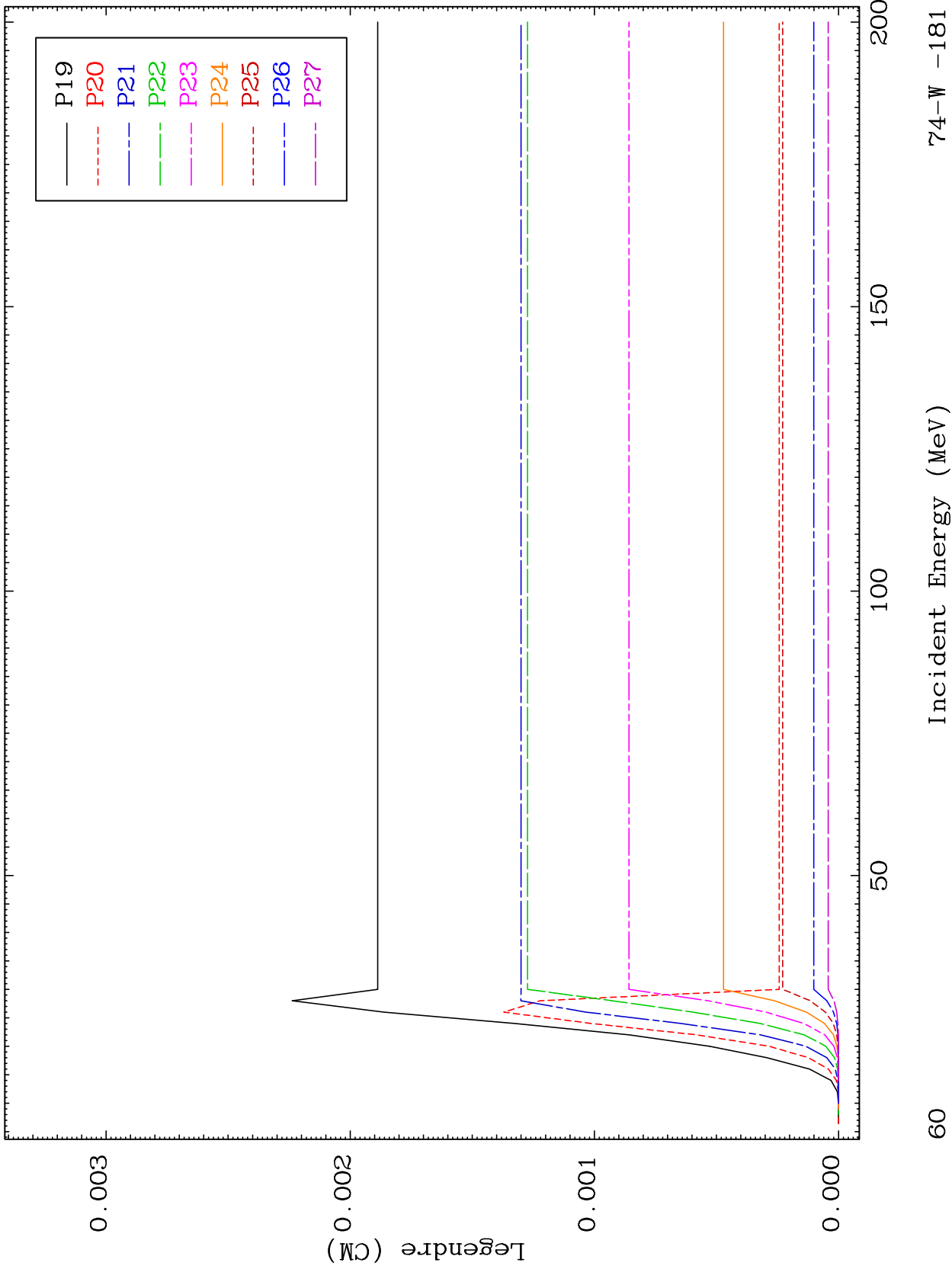
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



60

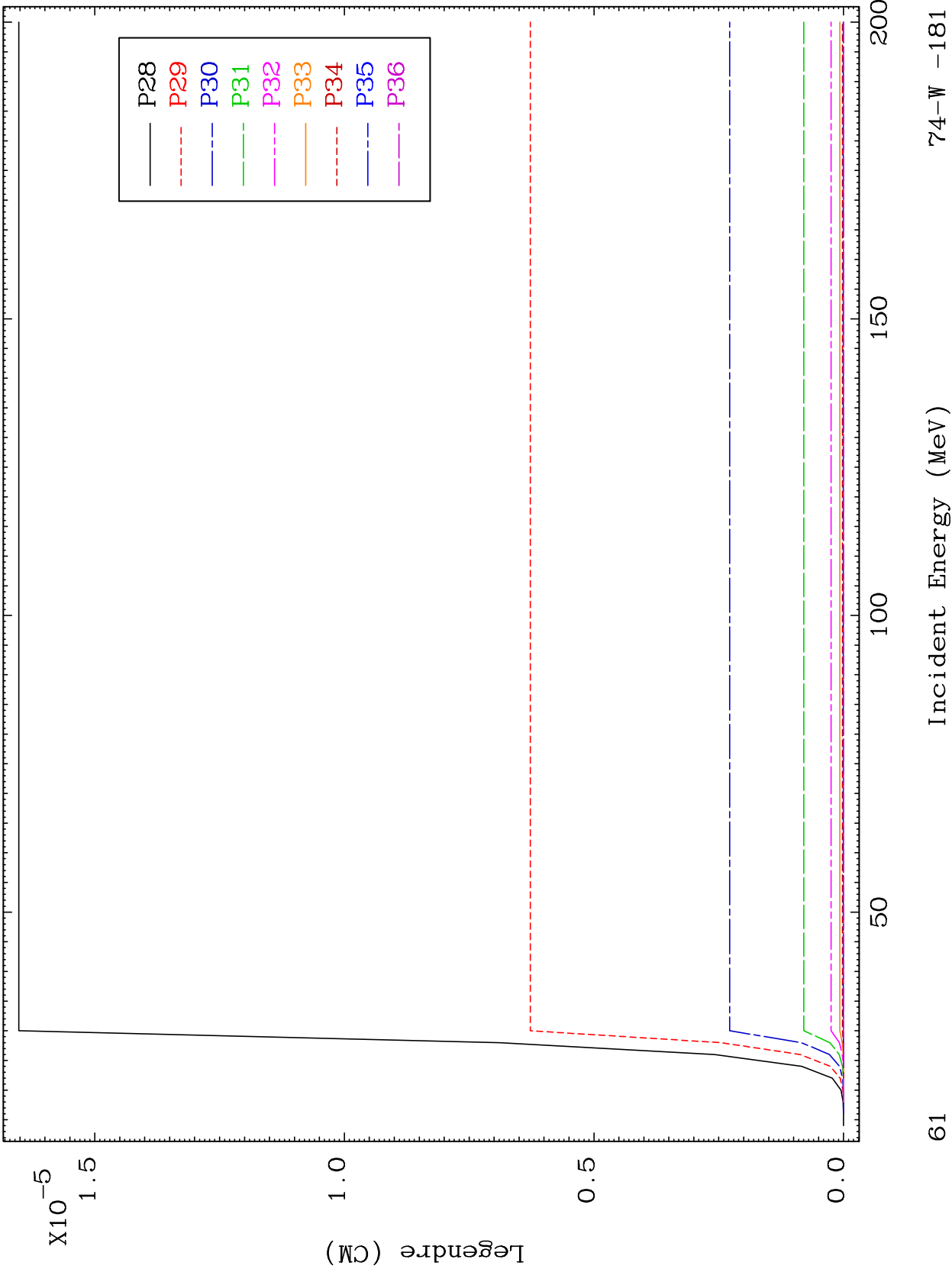
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



61

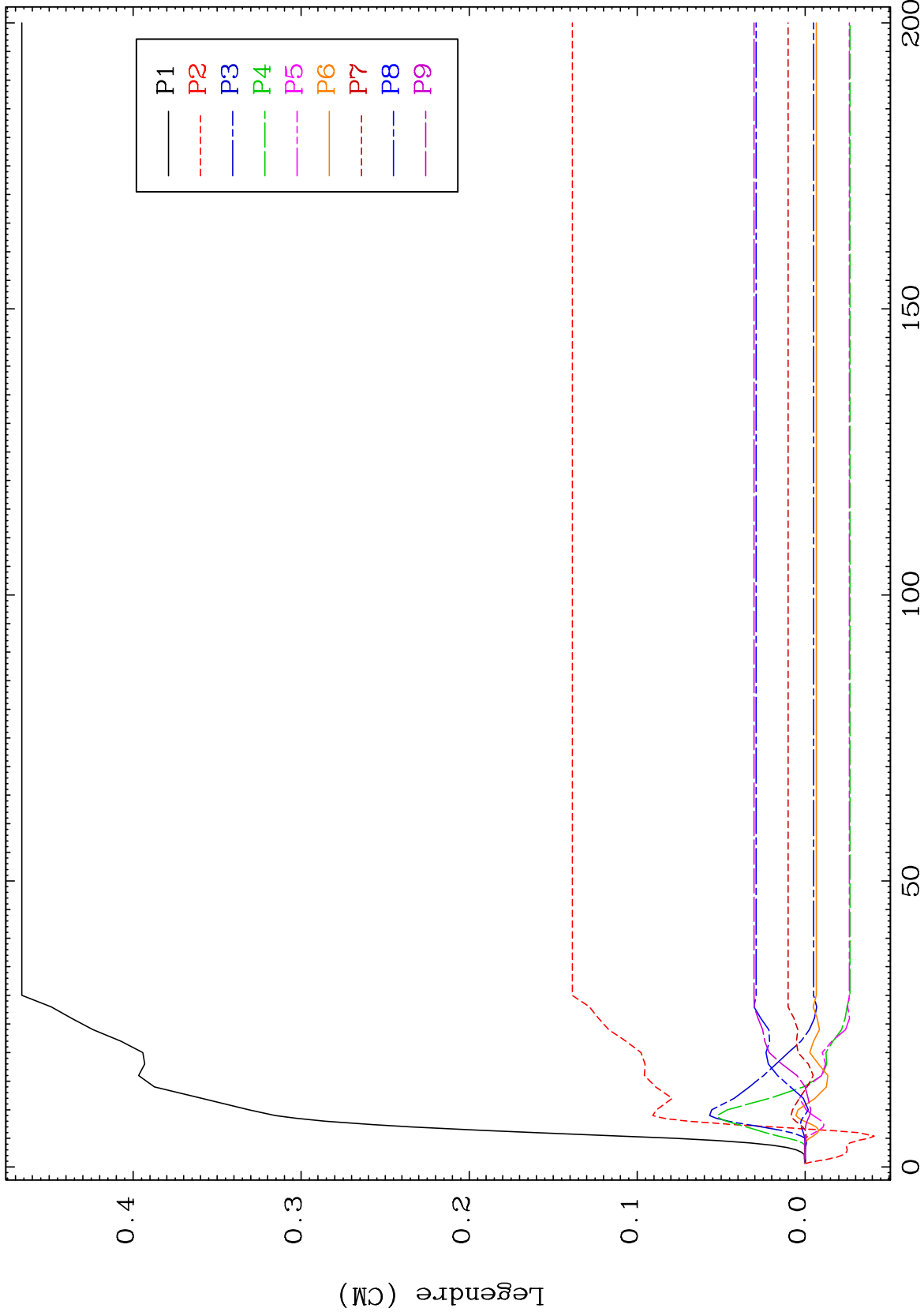
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



62

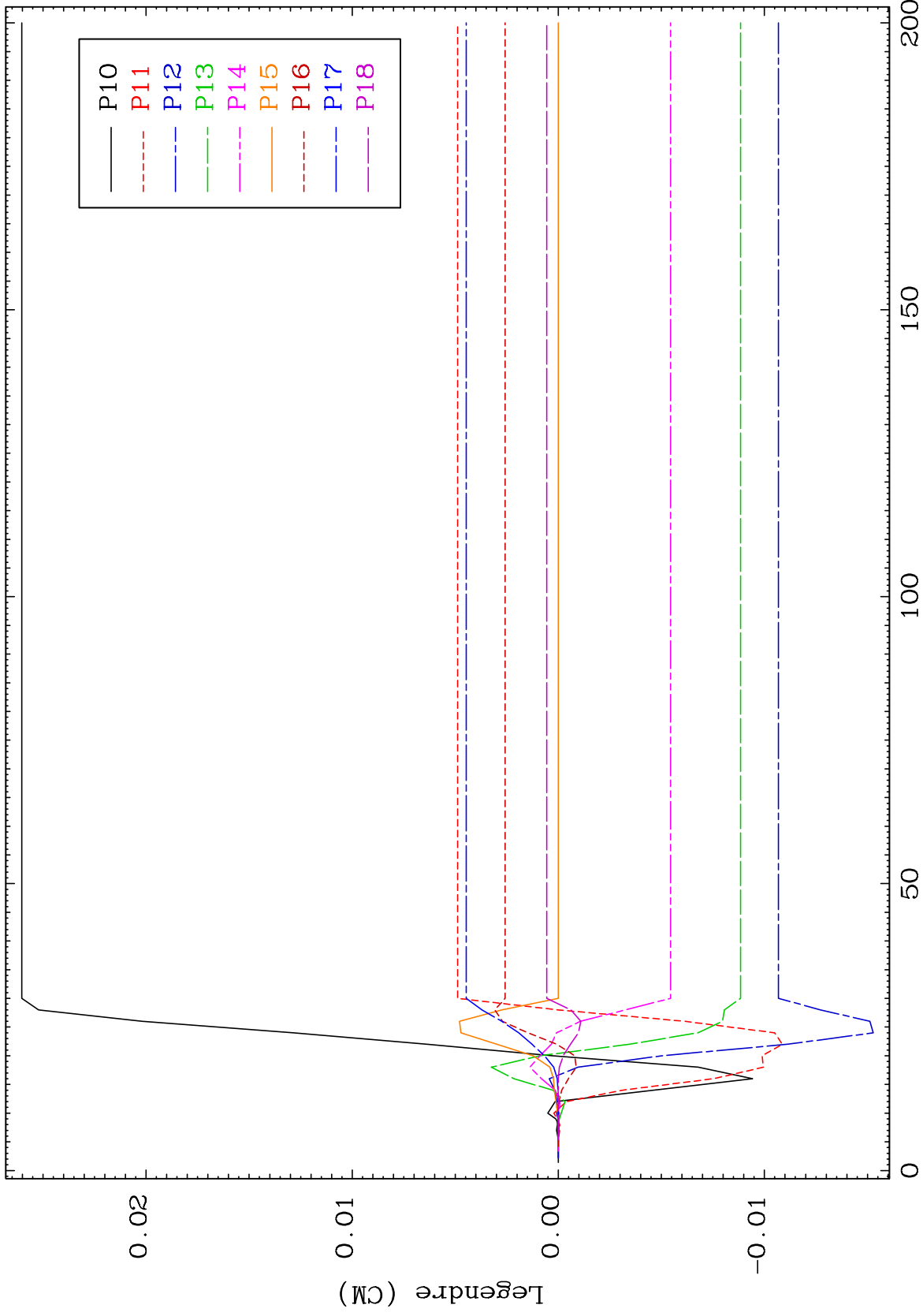
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



63

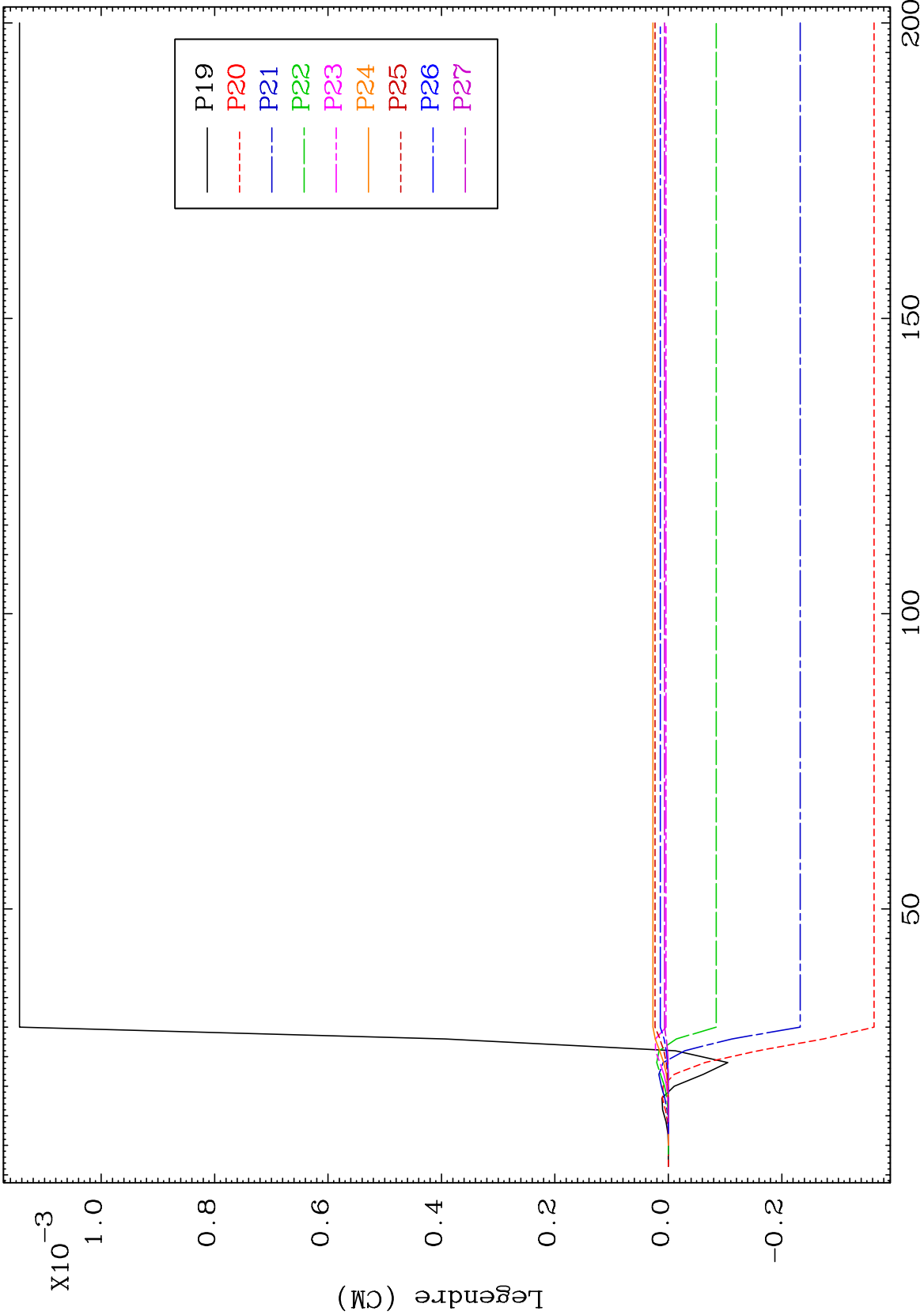
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



64

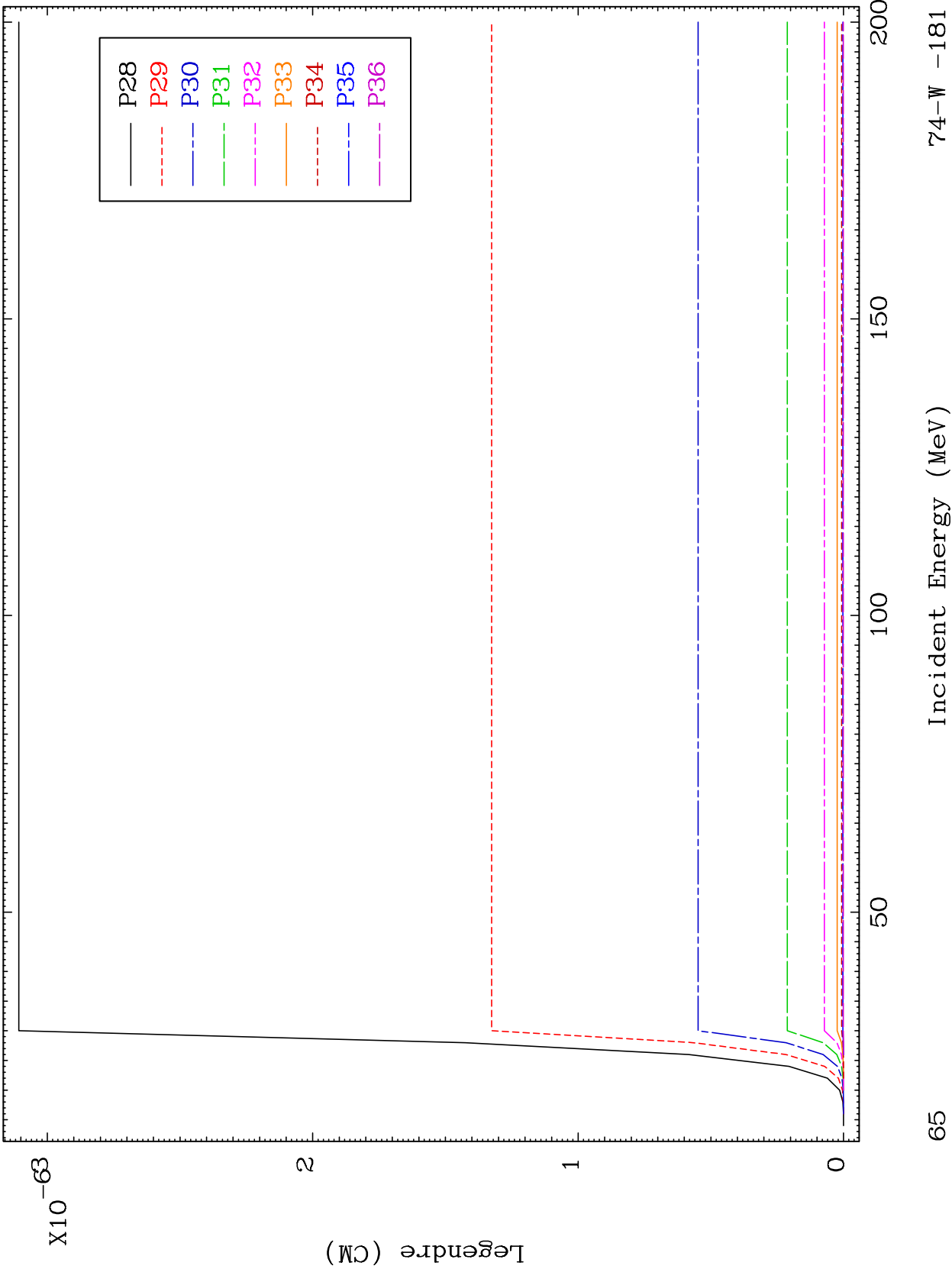
Incident Energy (MeV)

74-W -181

MAT 7428

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

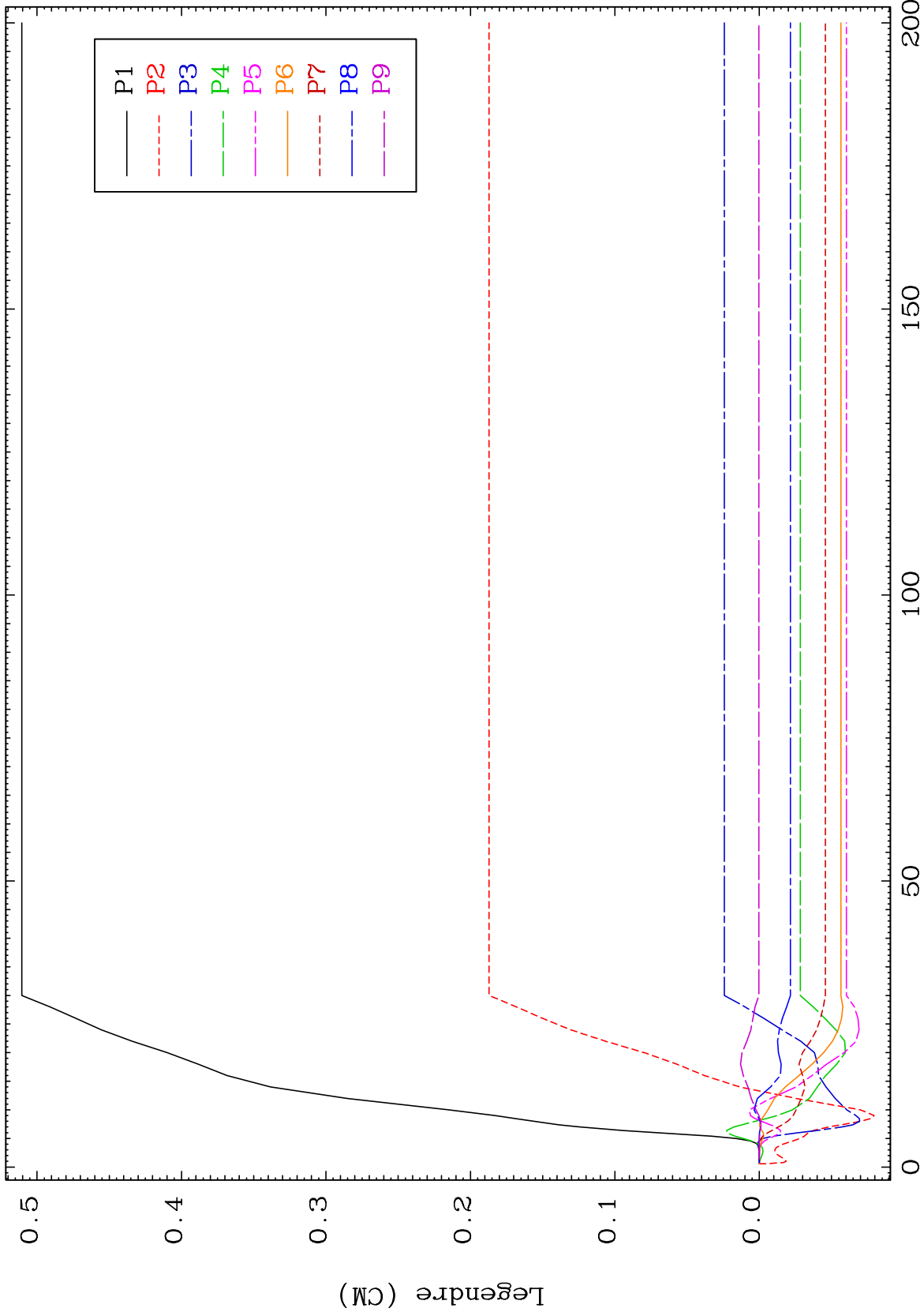
74-W -181



65

Incident Energy (MeV)

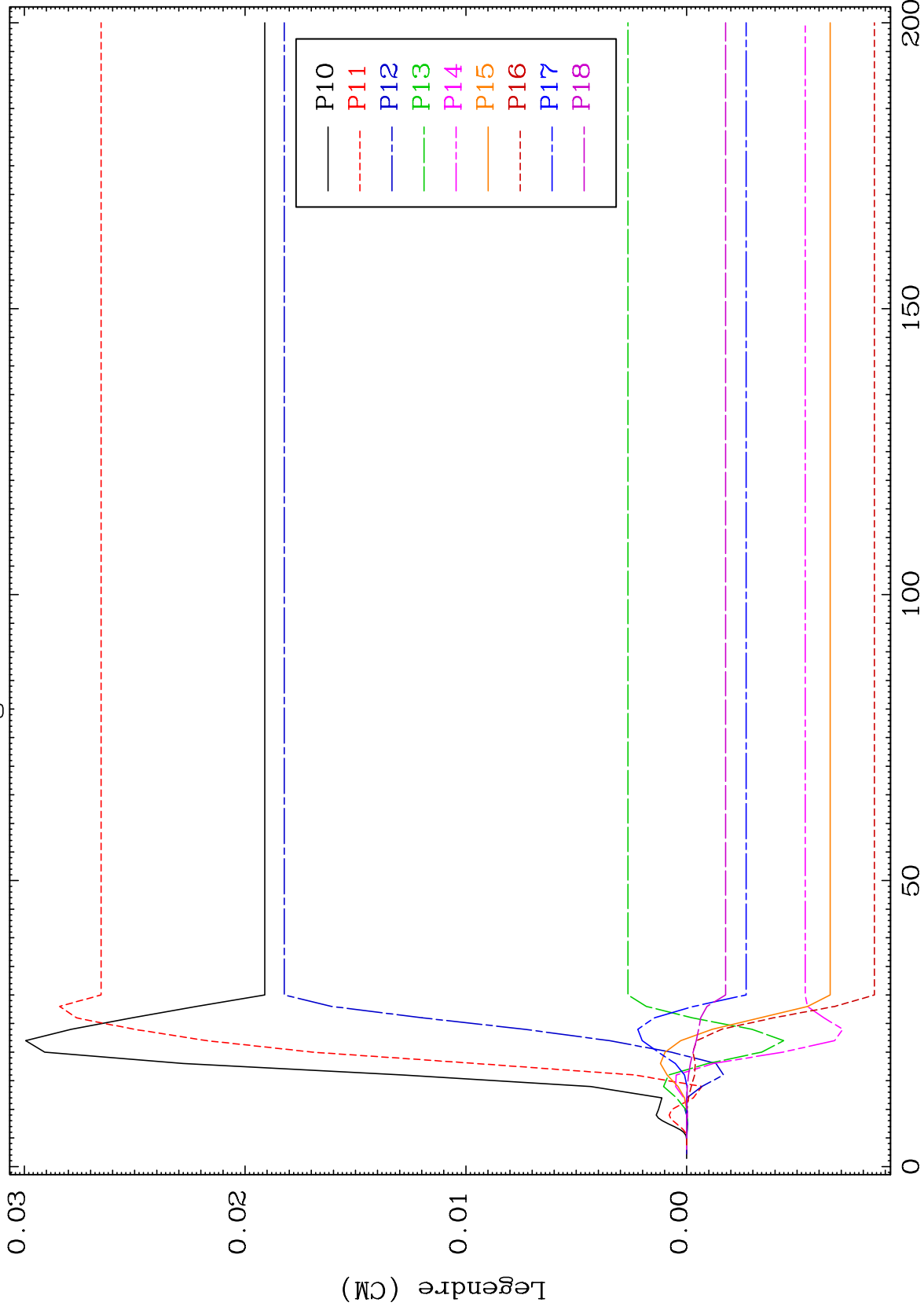
74-W -181



MAT 7428

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

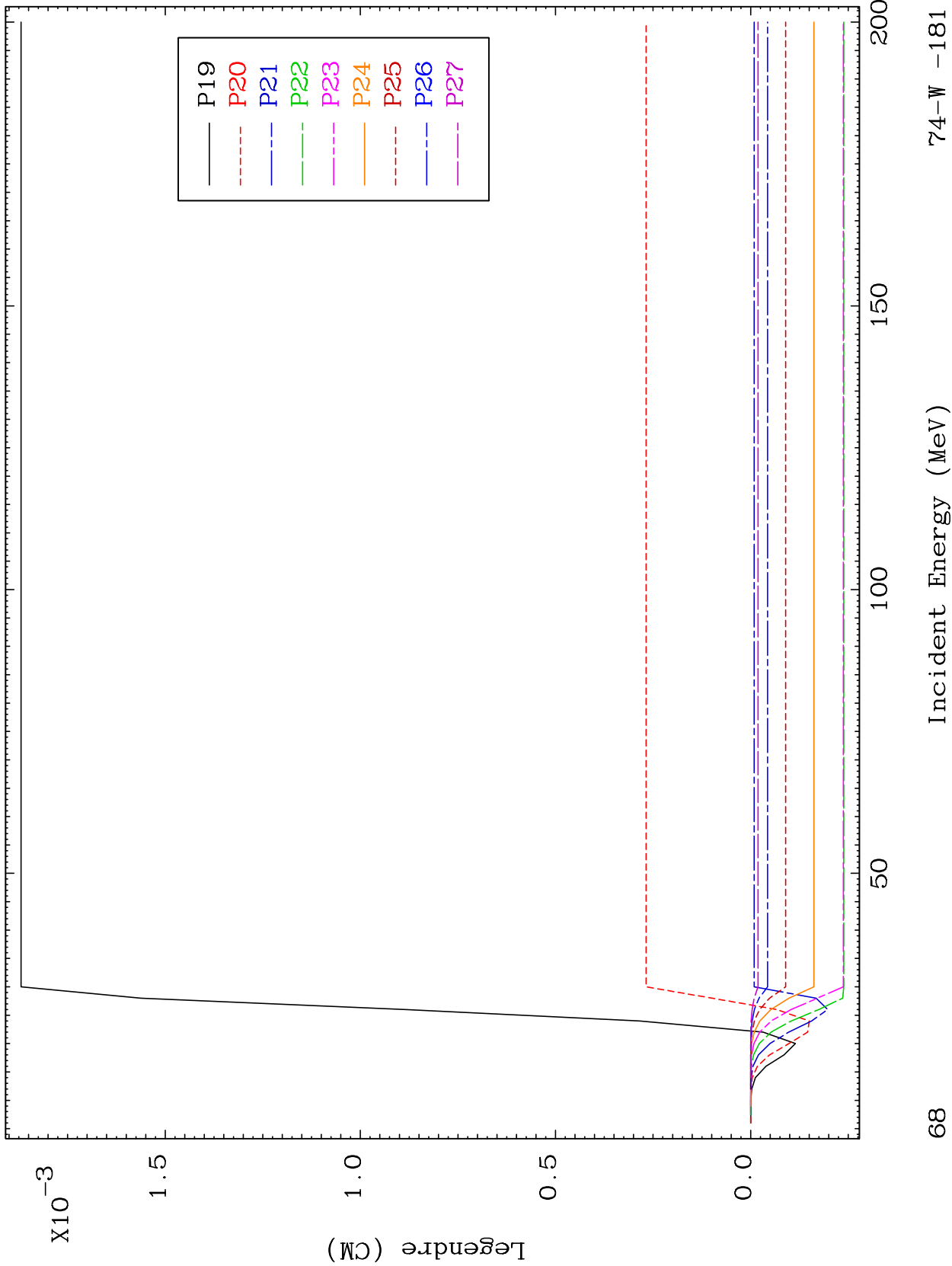
74-W -181



67

Incident Energy (MeV)

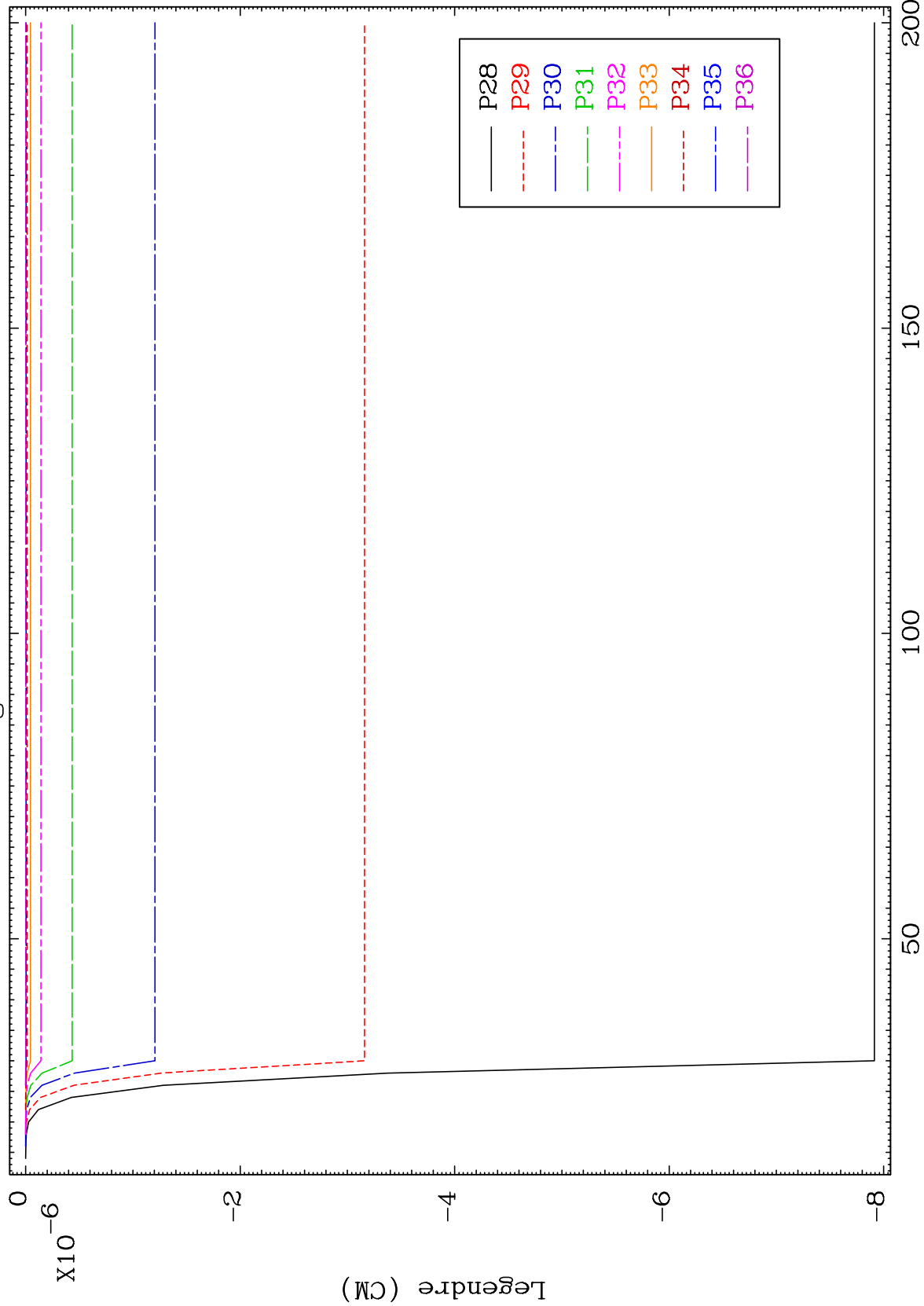
74-W -181



MAT 7428

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

74-W -181



69

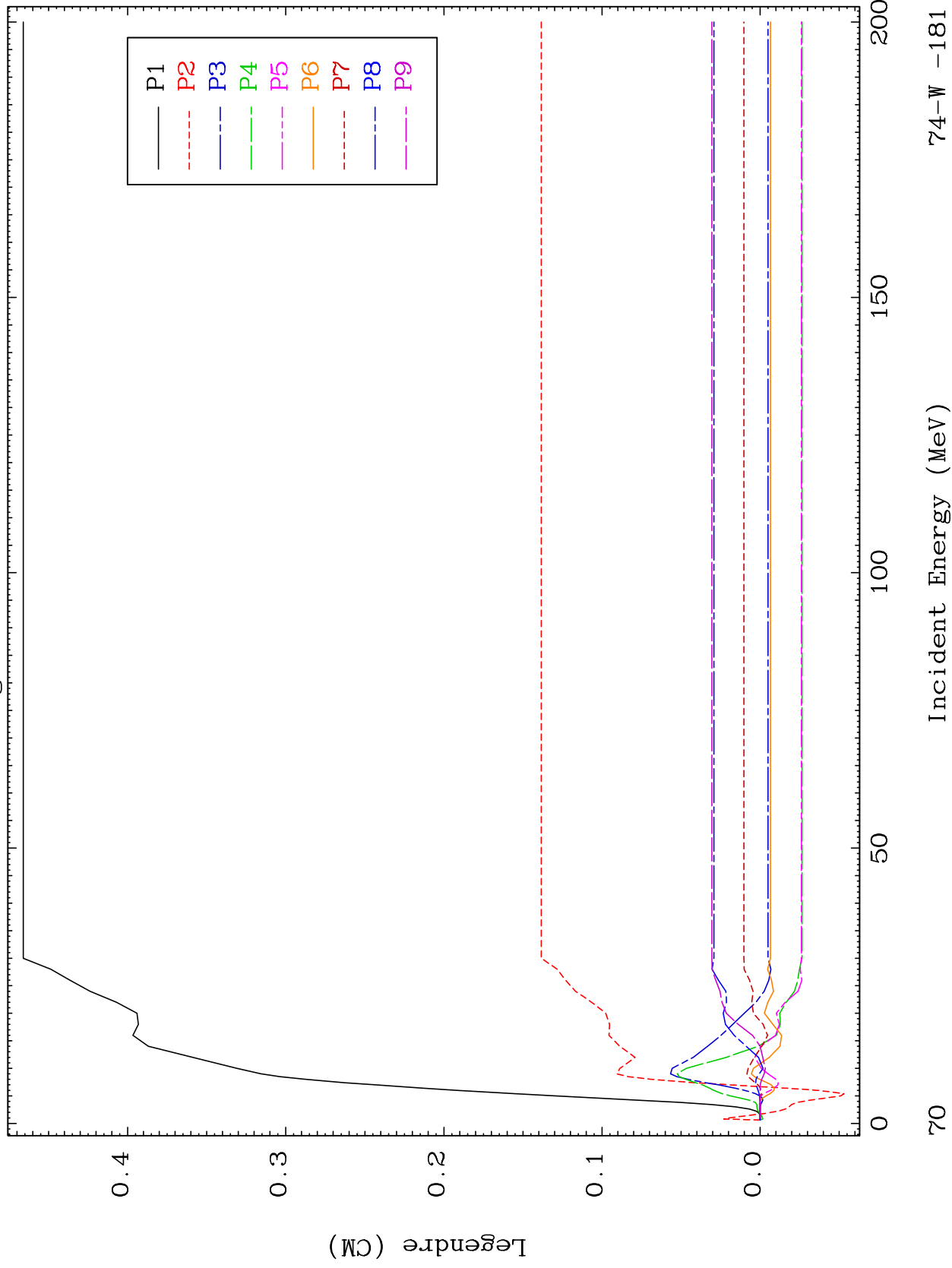
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



74-W -181

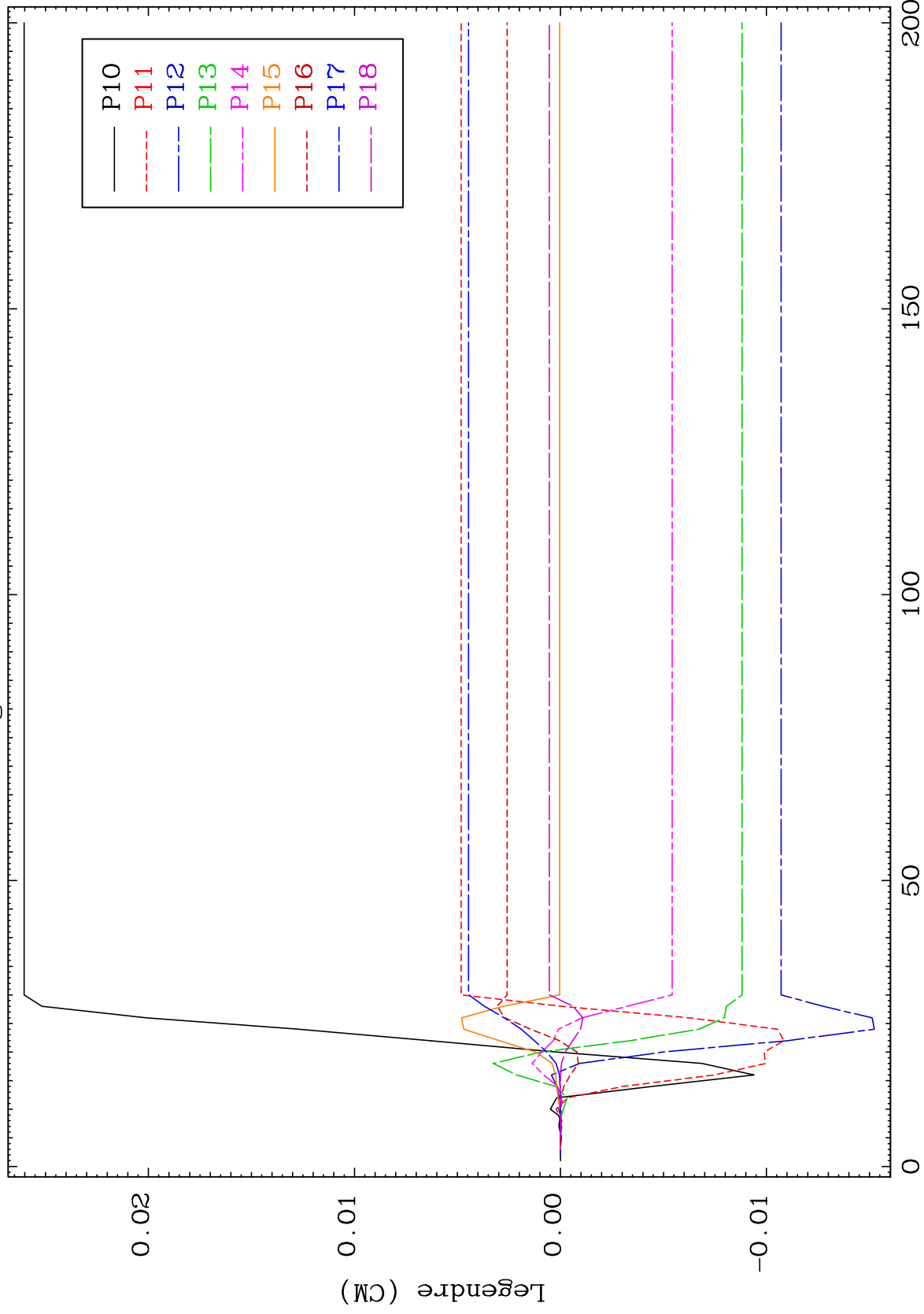
Incident Energy (MeV)

70

MAT 7428

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

74-W -181



71

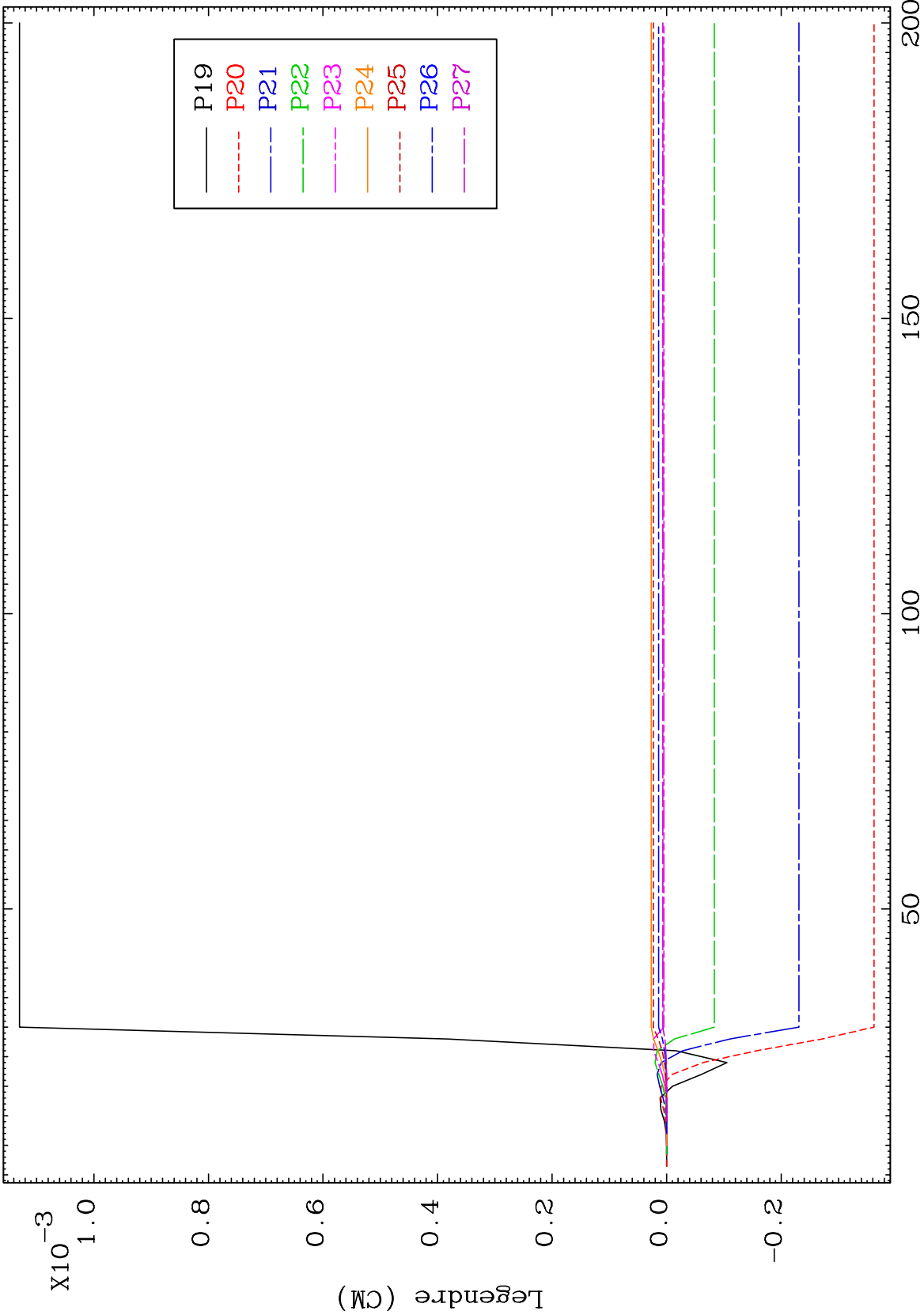
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



72

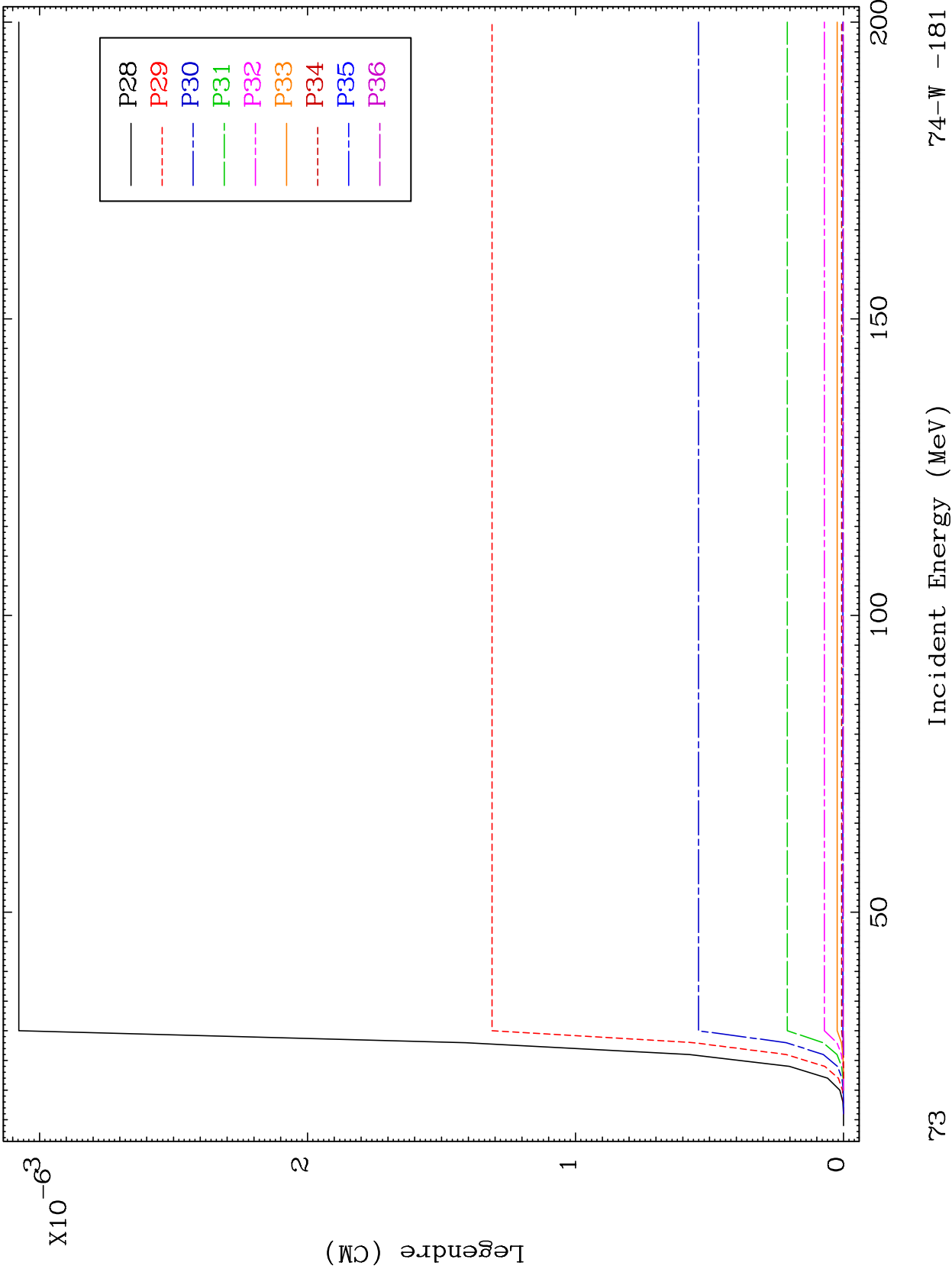
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



73

Incident Energy (MeV)

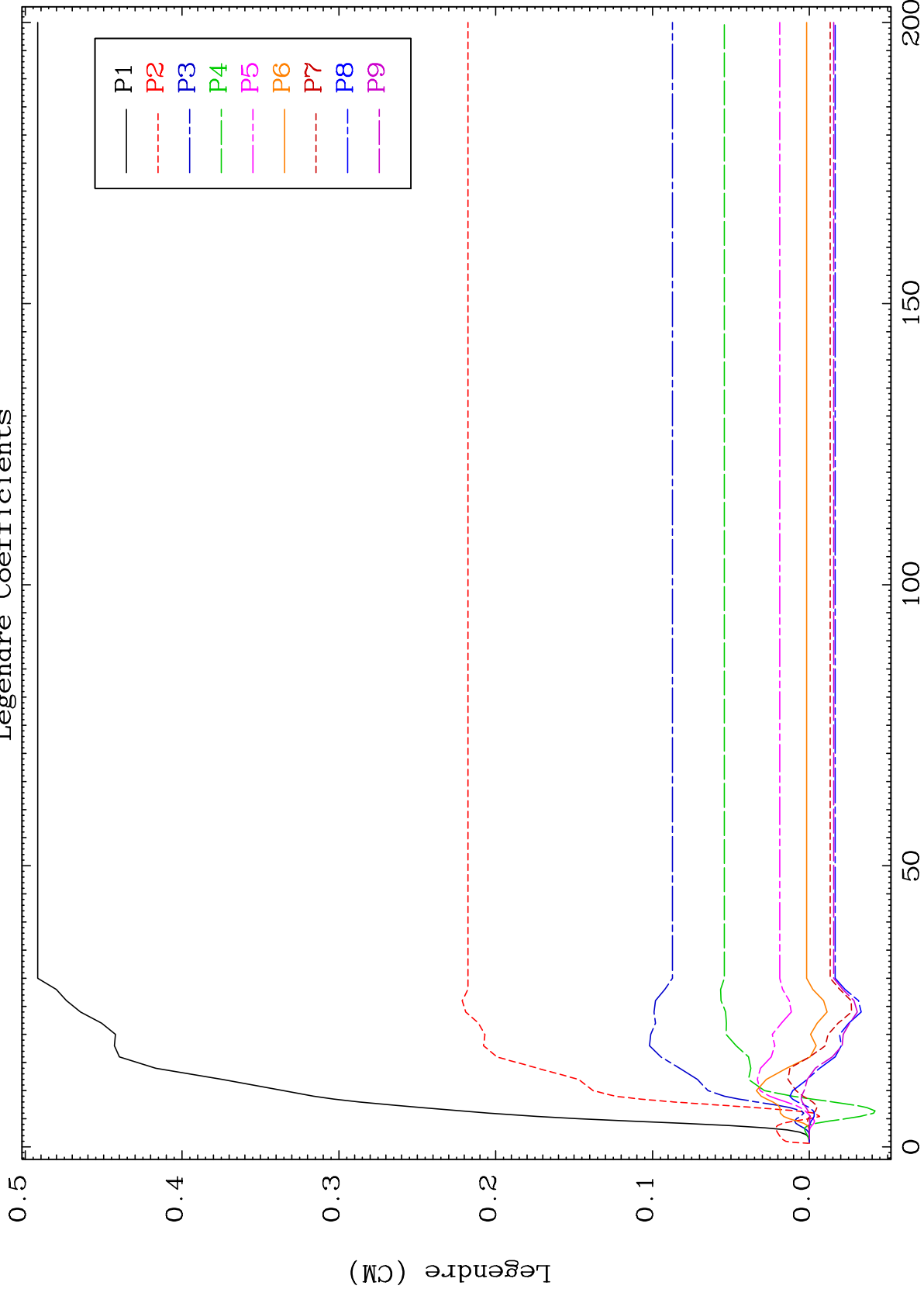
74-W -181

MAT 7428

MT= 65 (n,n') Level

74-W -181

Legendre Coefficients



74

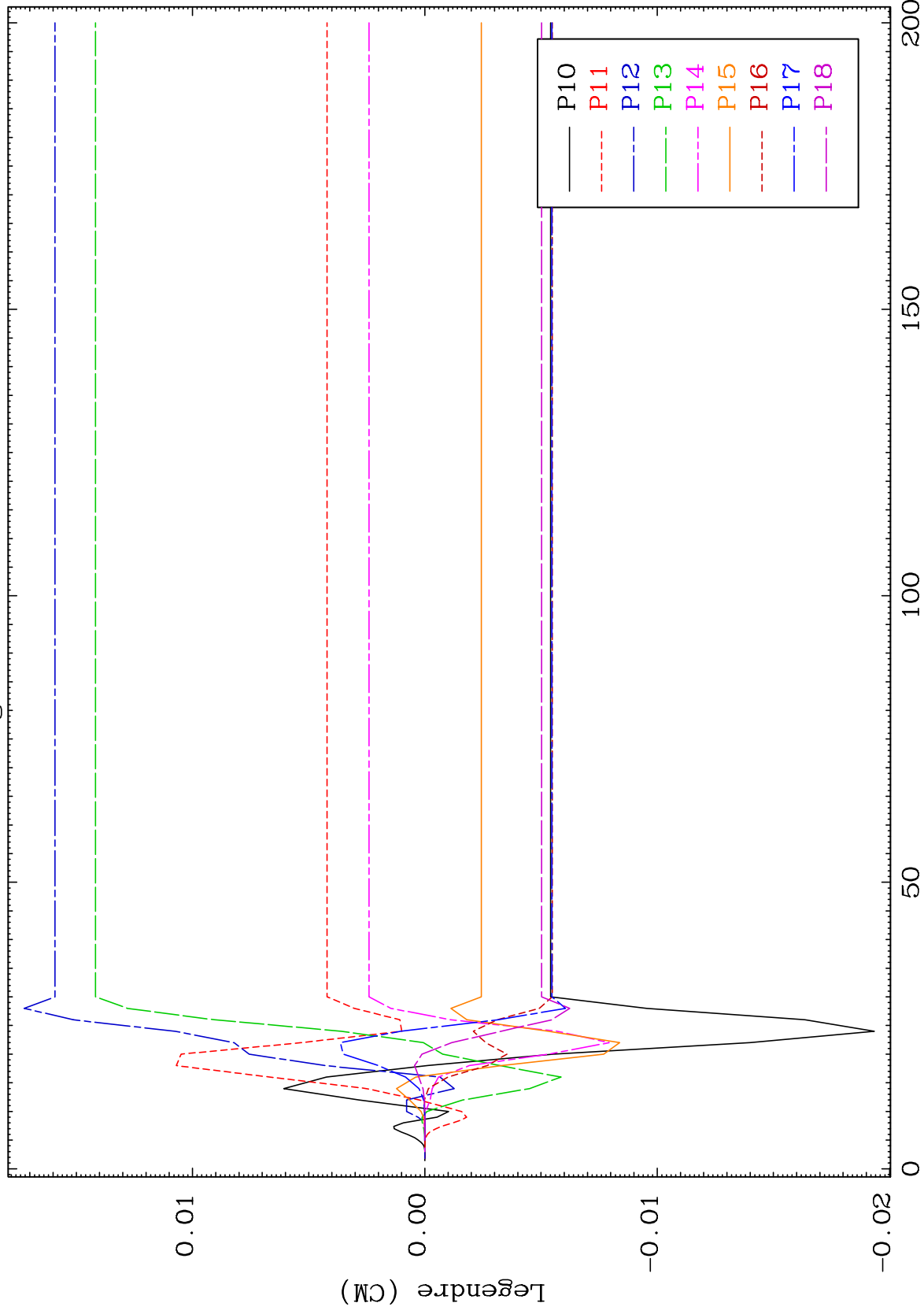
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



75

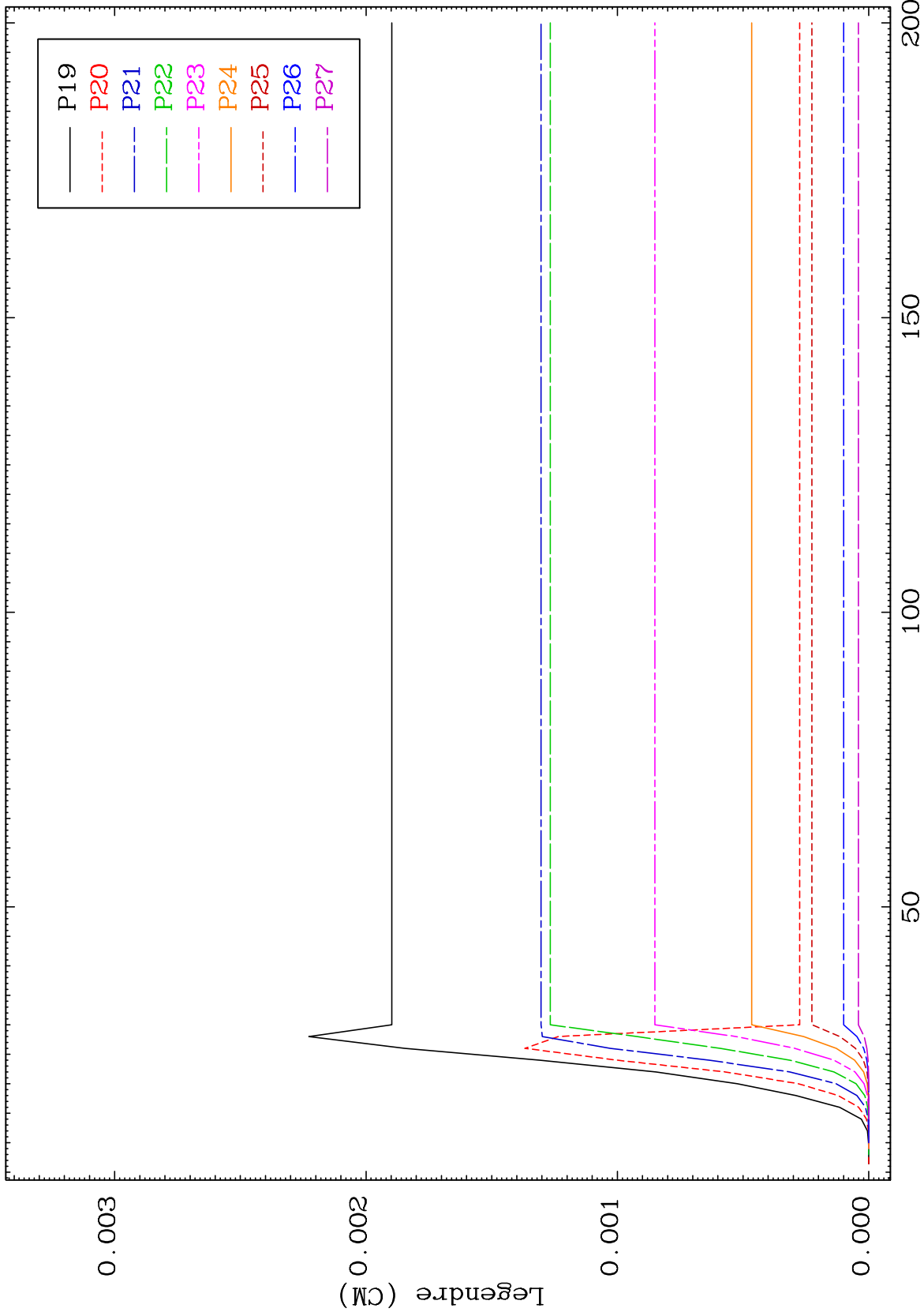
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



76

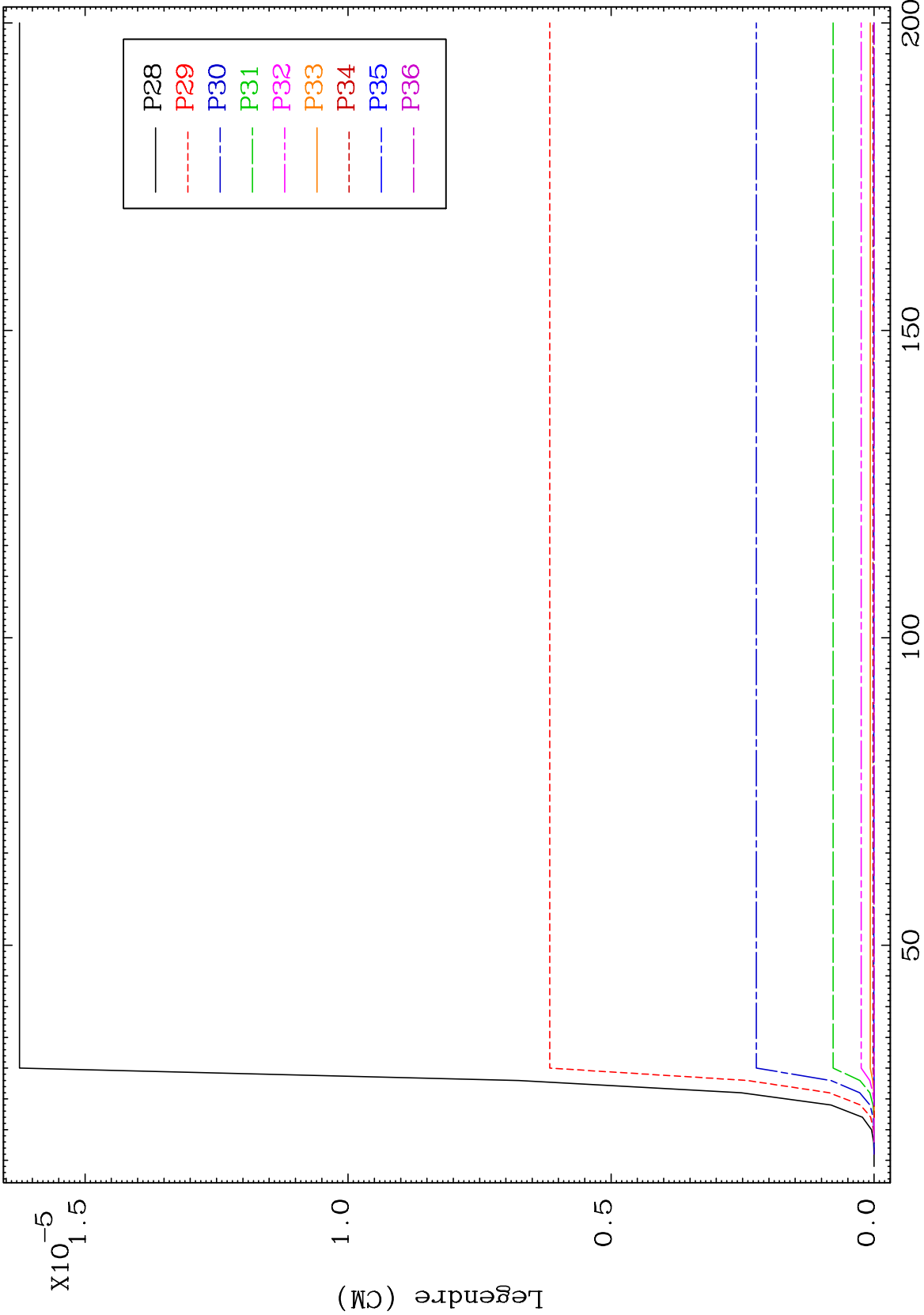
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



77

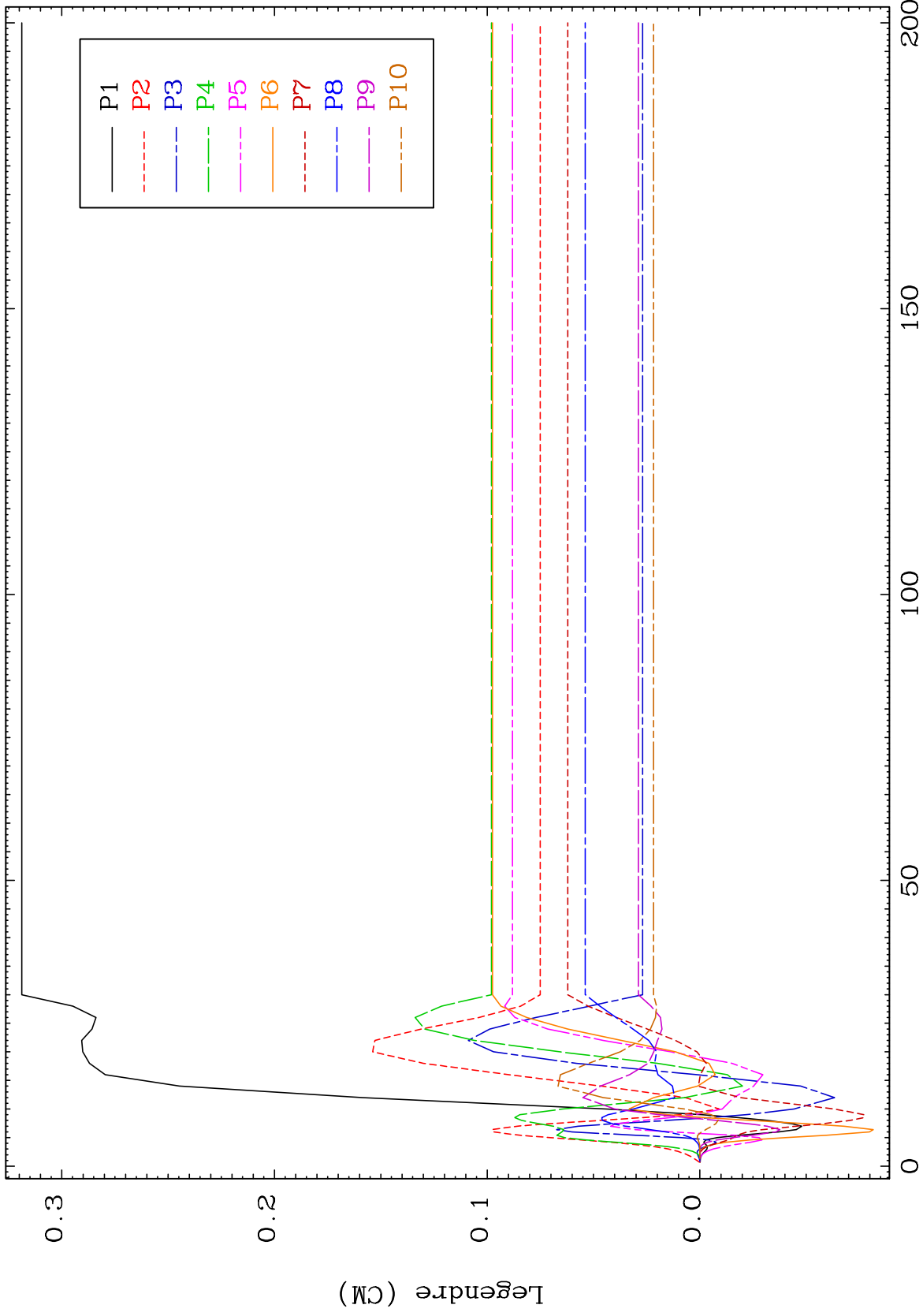
Incident Energy (MeV)

74-W -181

MAT 7428

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

74-W -181



78

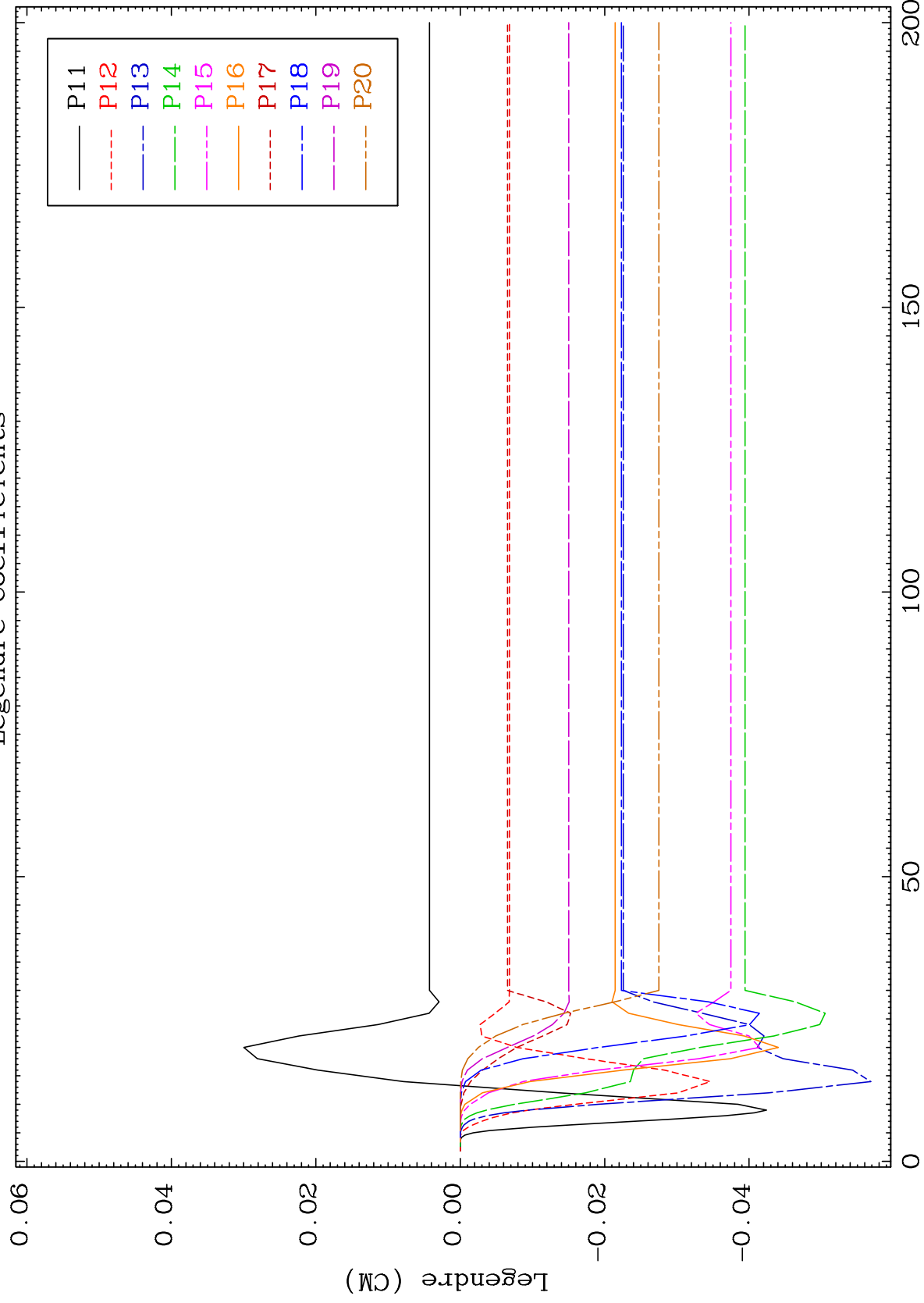
Incident Energy (MeV)

74-W -181

MAT 7428

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

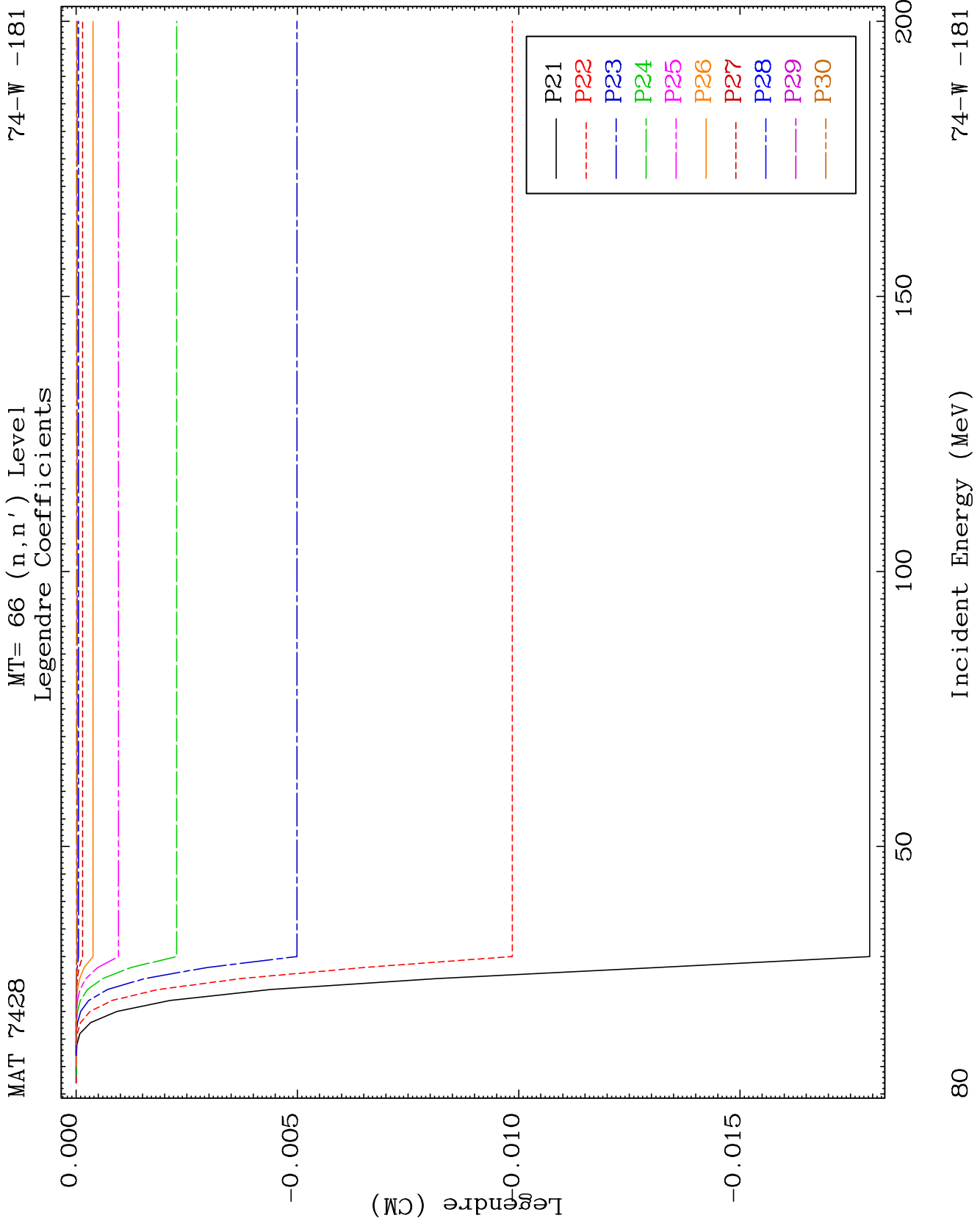
74-W -181

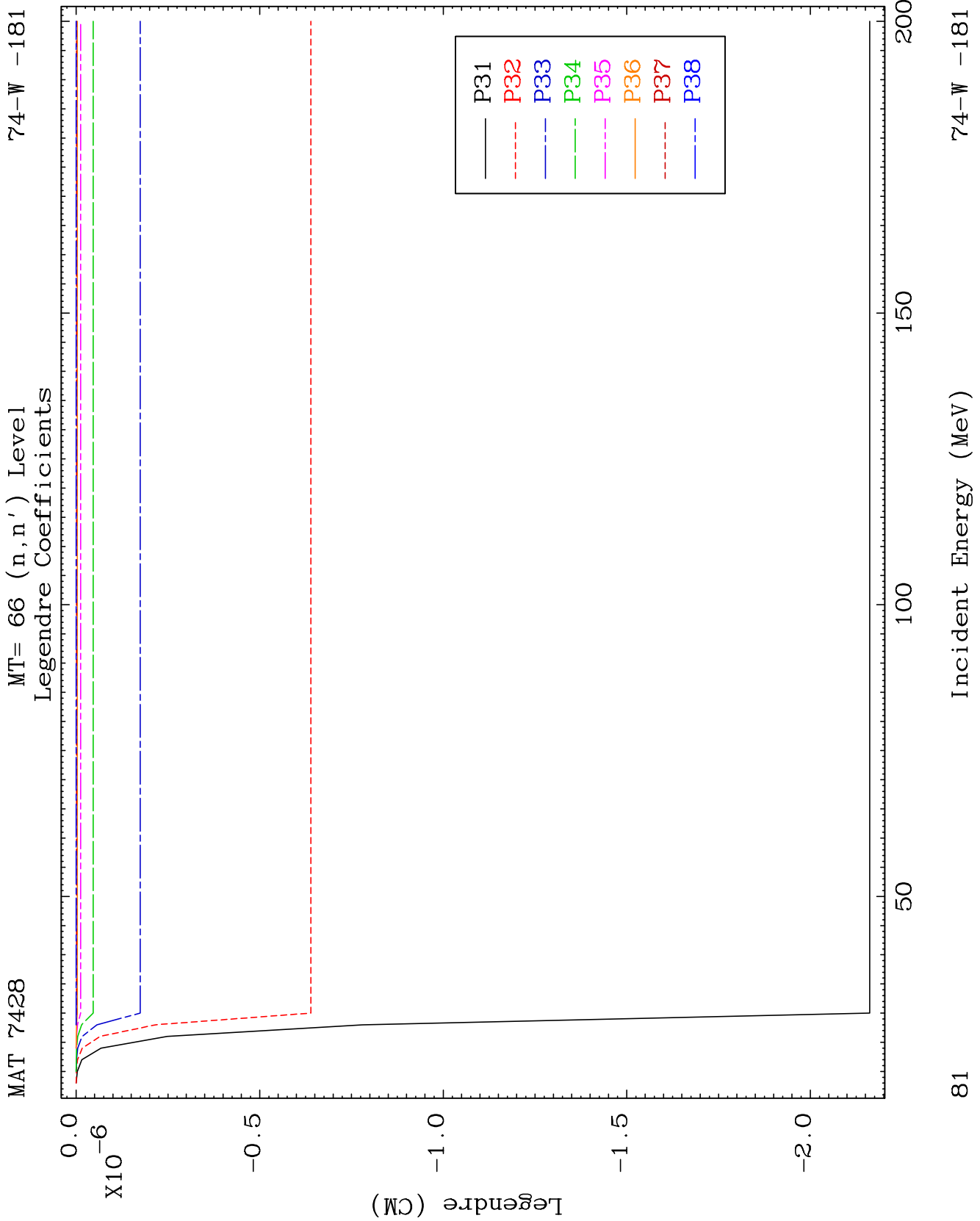


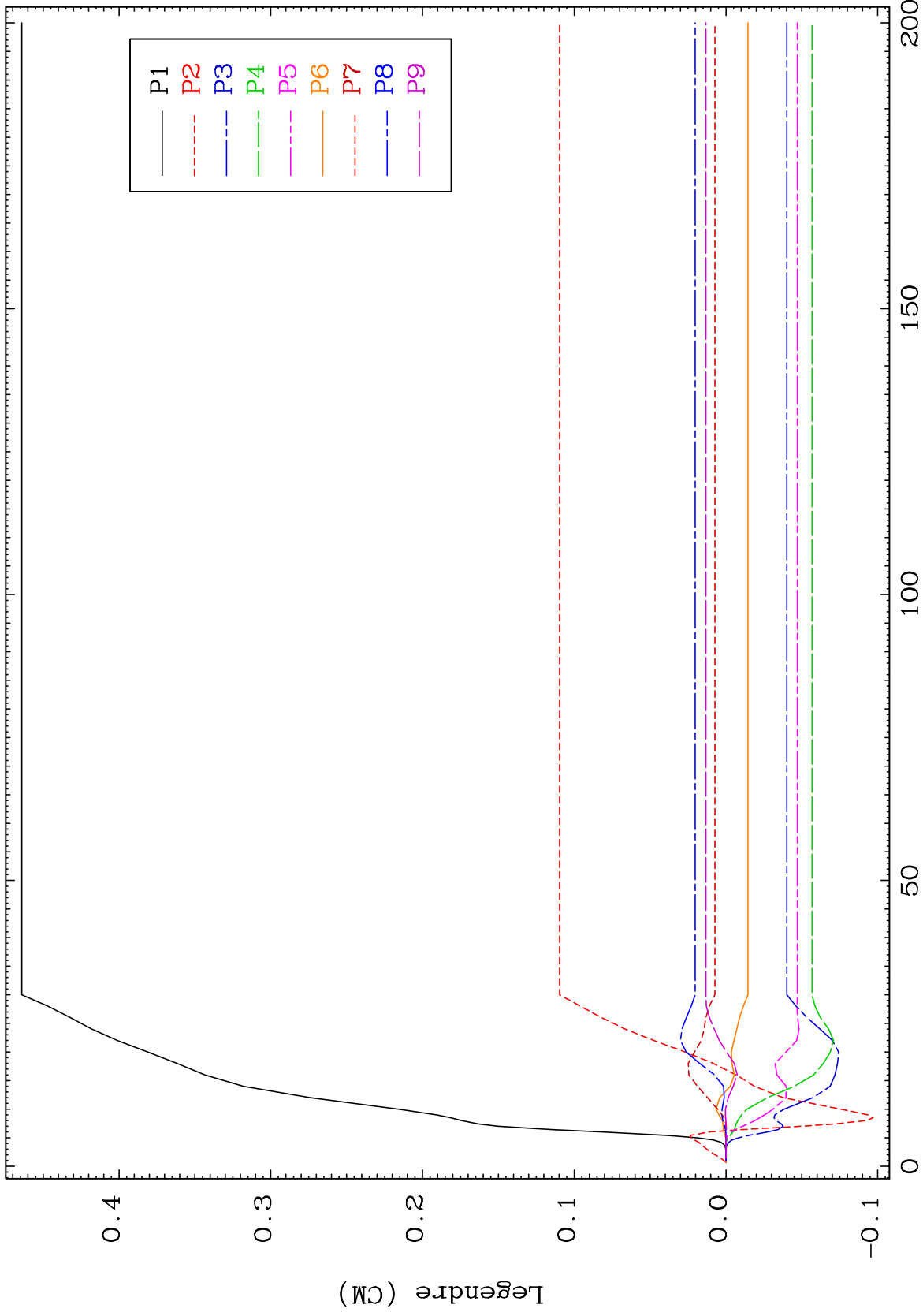
79

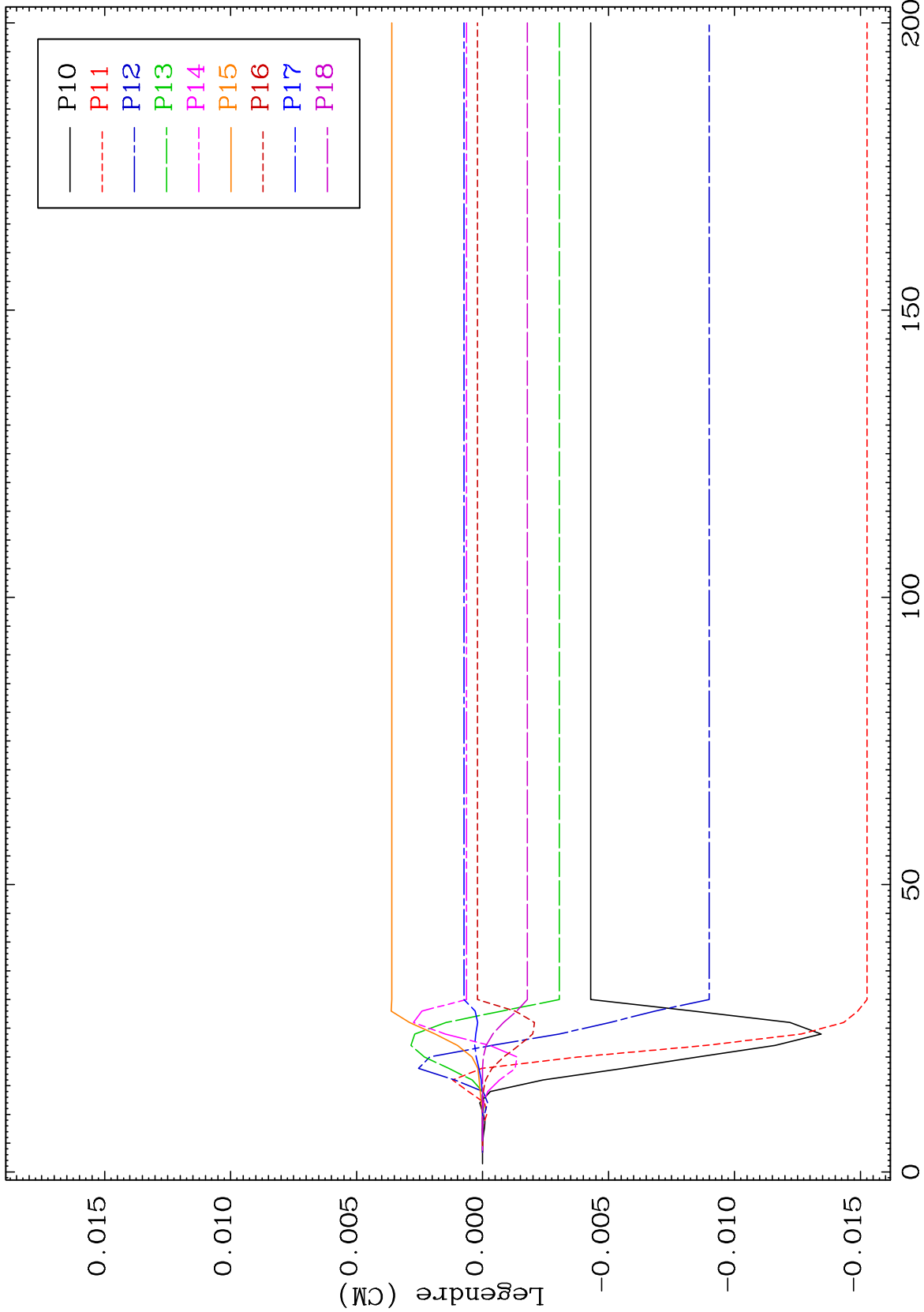
Incident Energy (MeV)

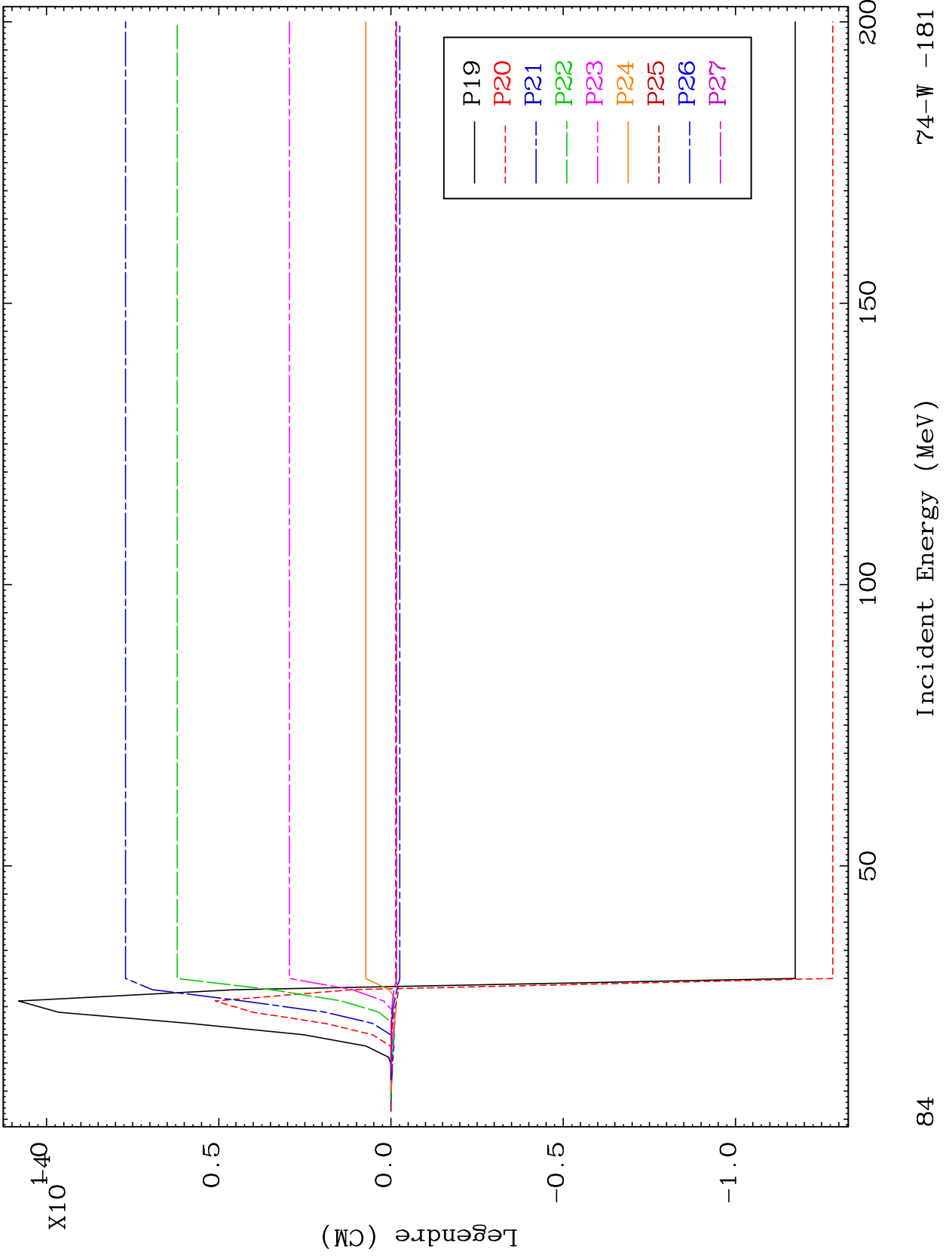
74-W -181







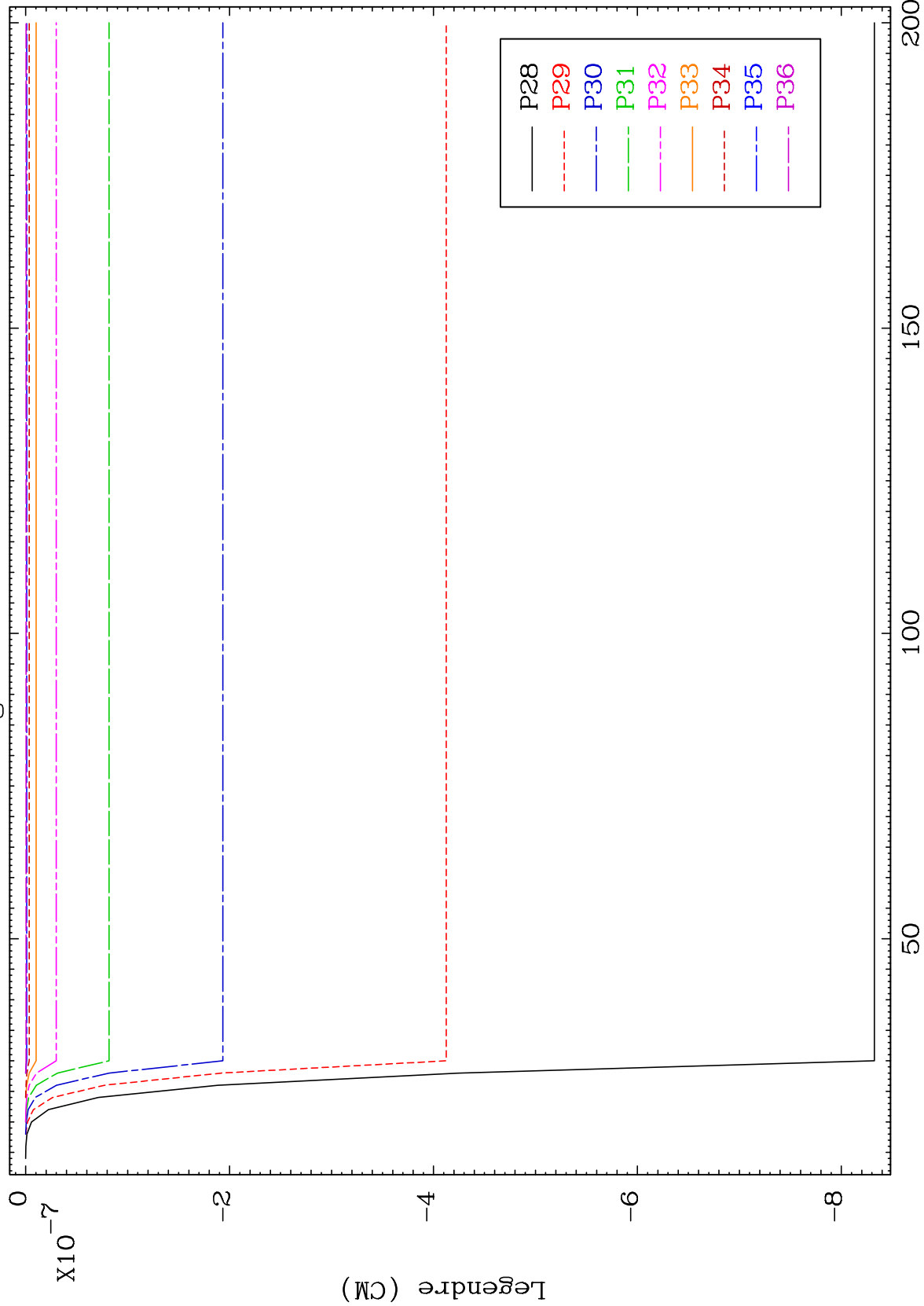




MAT 7428

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

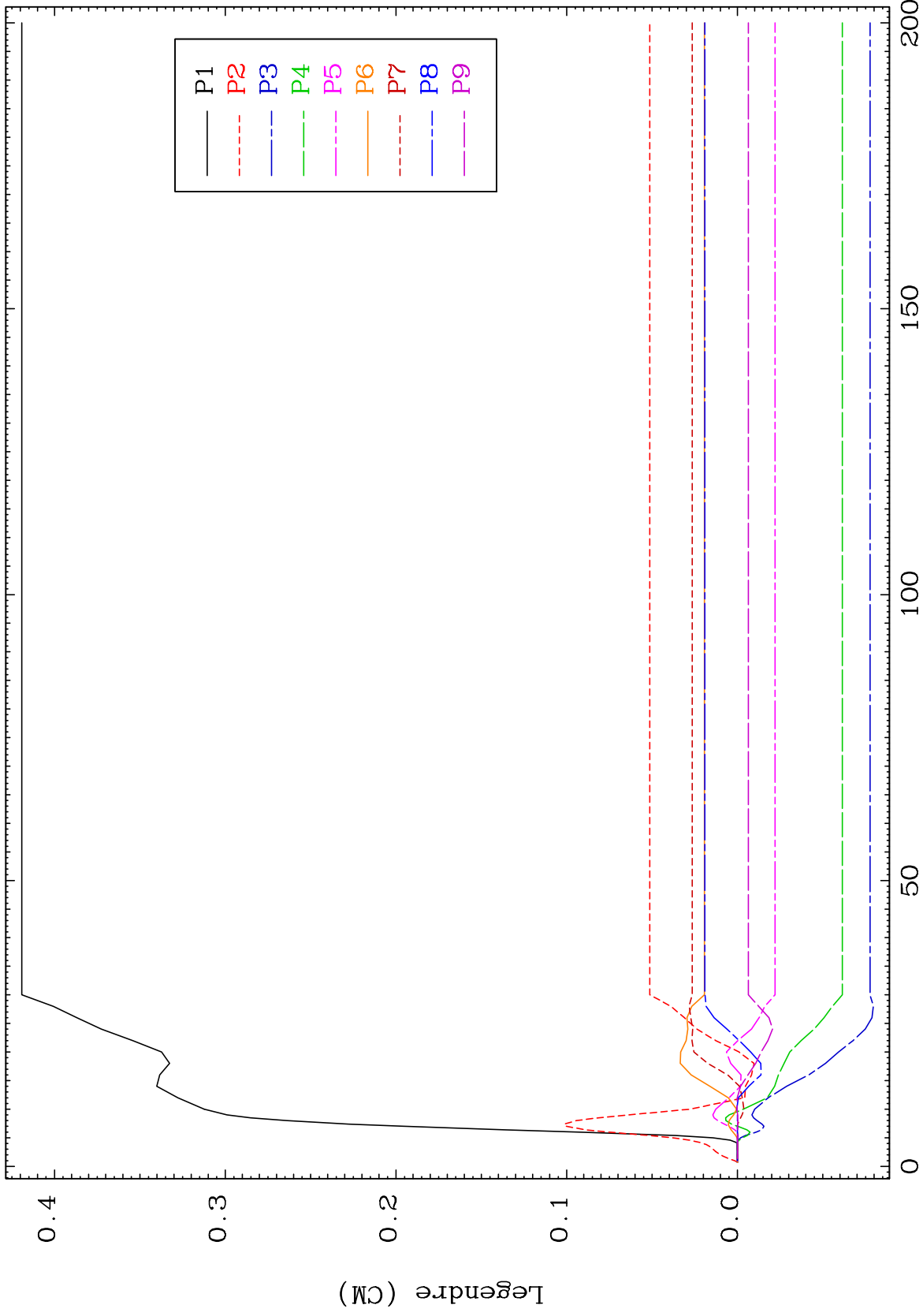
74-W -181



85

Incident Energy (MeV)

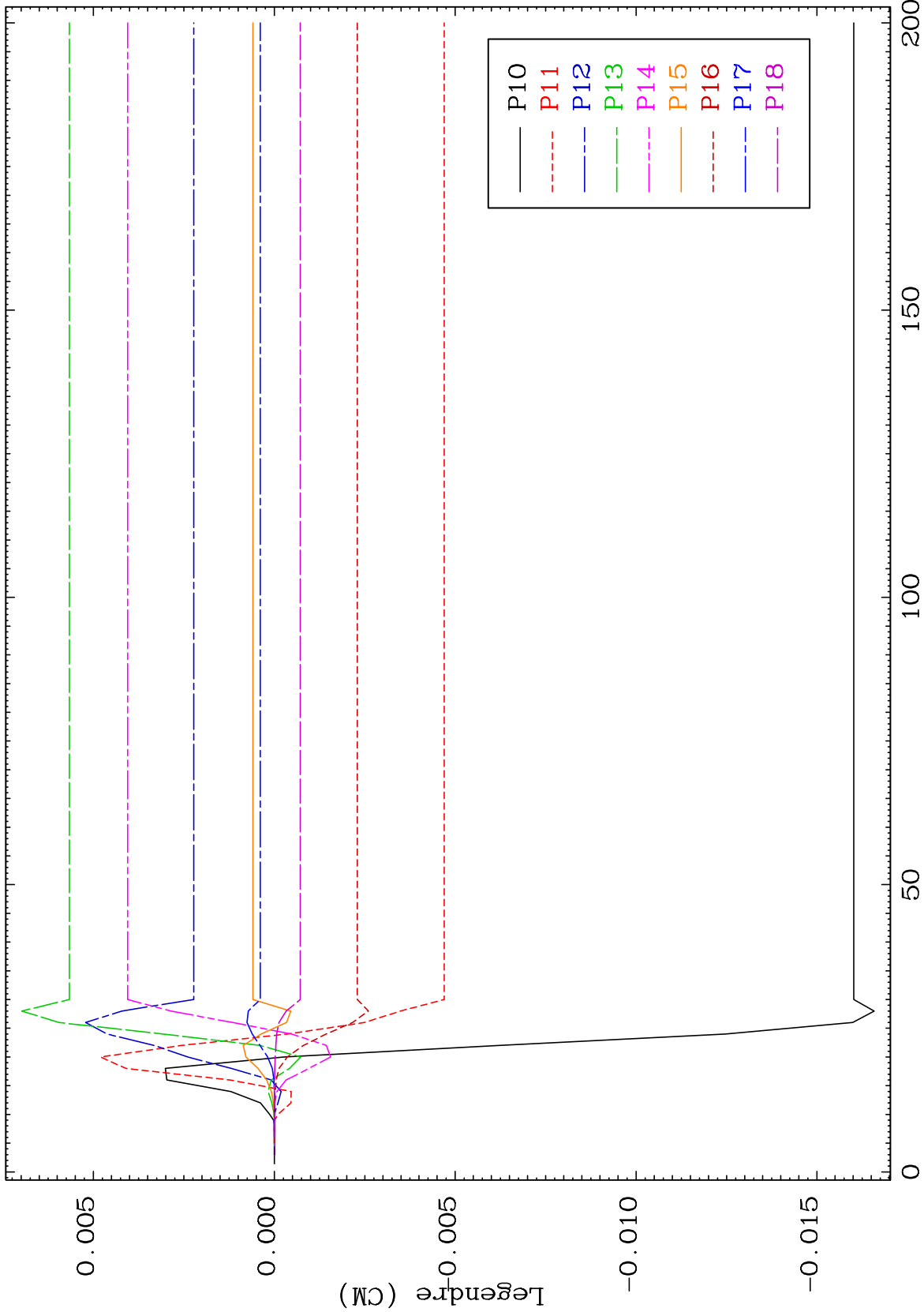
74-W -181



MAT 7428

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

74-W -181



87

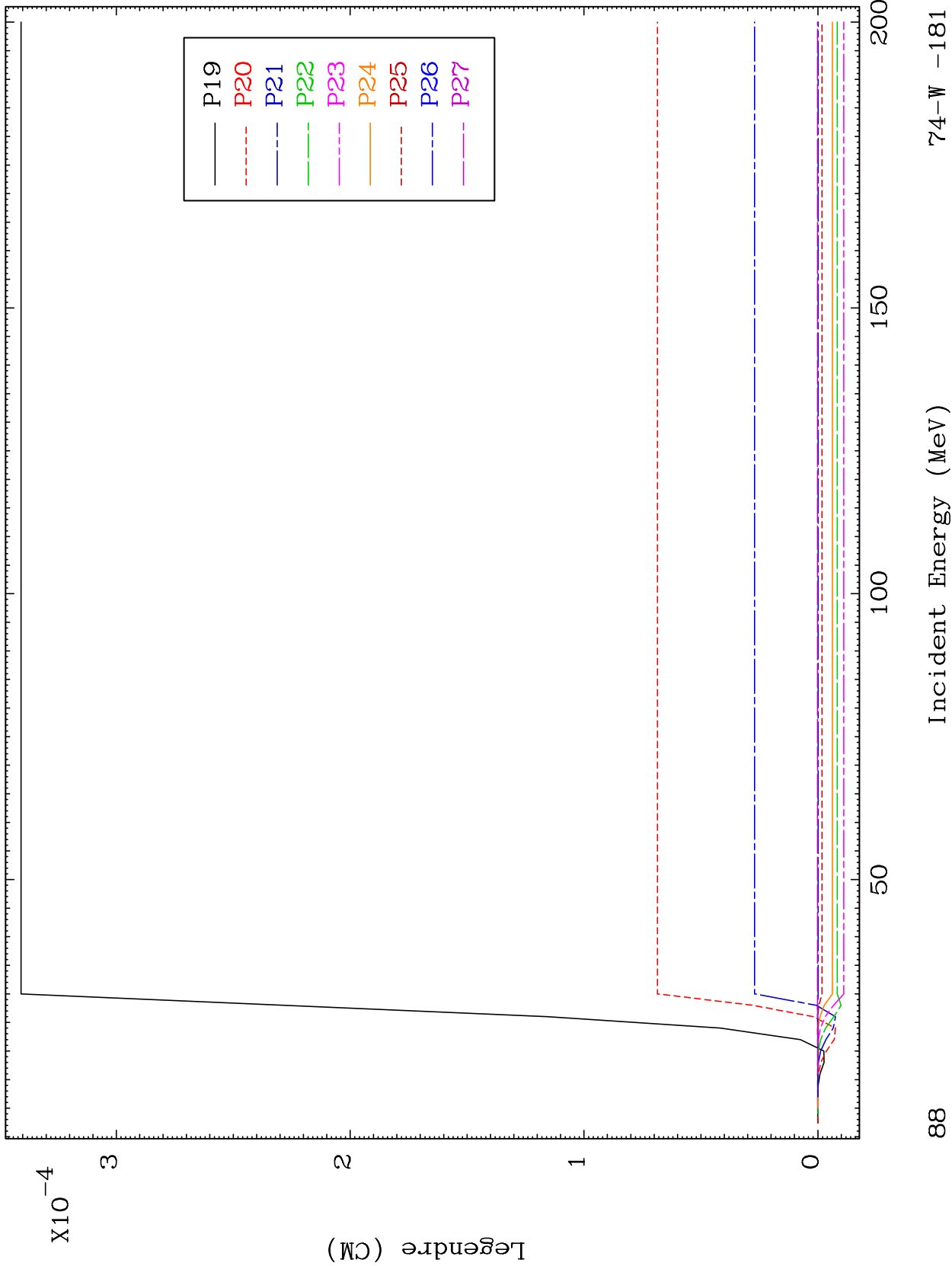
Incident Energy (MeV)

74-W -181

MAT 7428

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

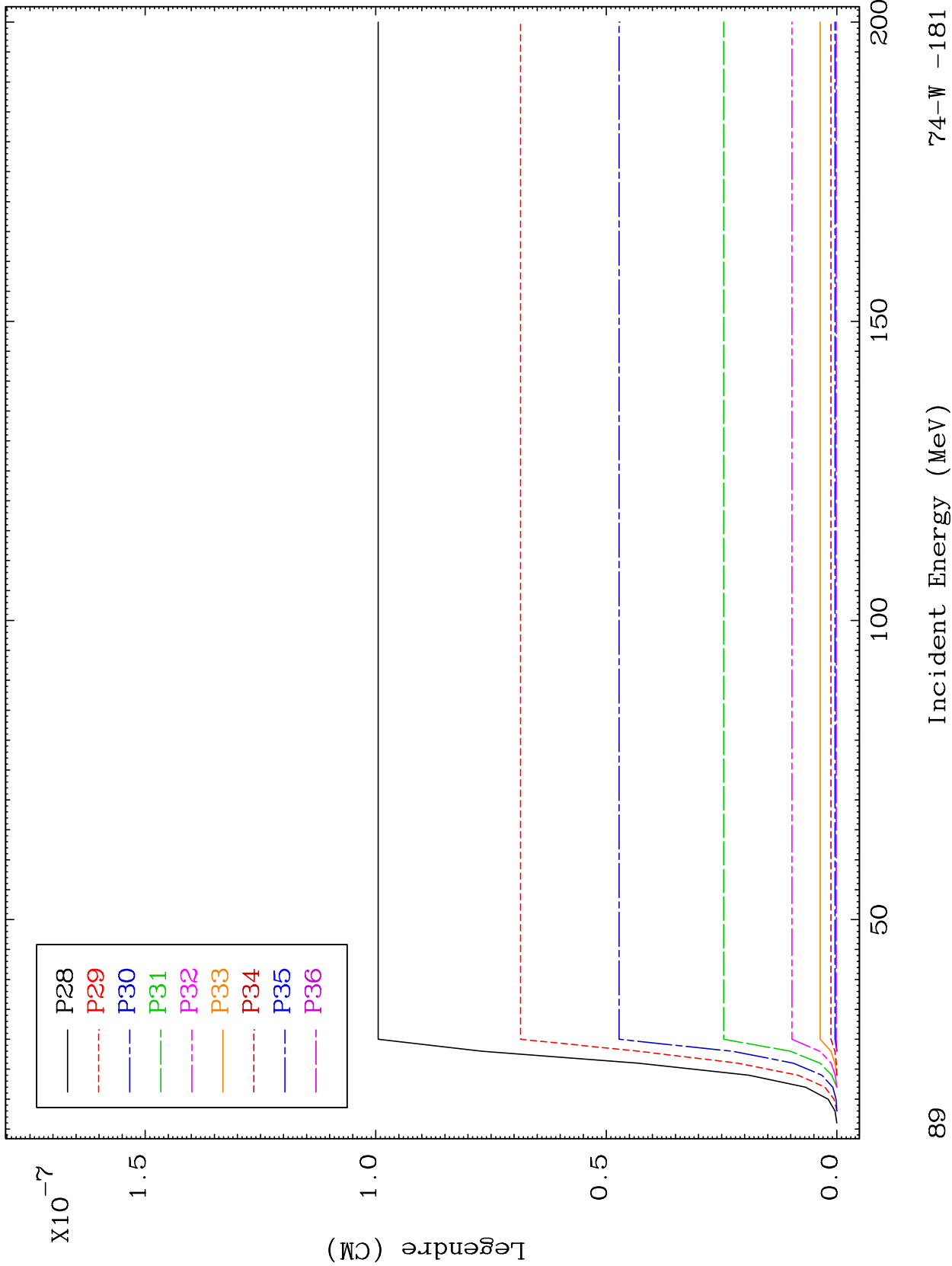
74-W -181



88

Incident Energy (MeV)

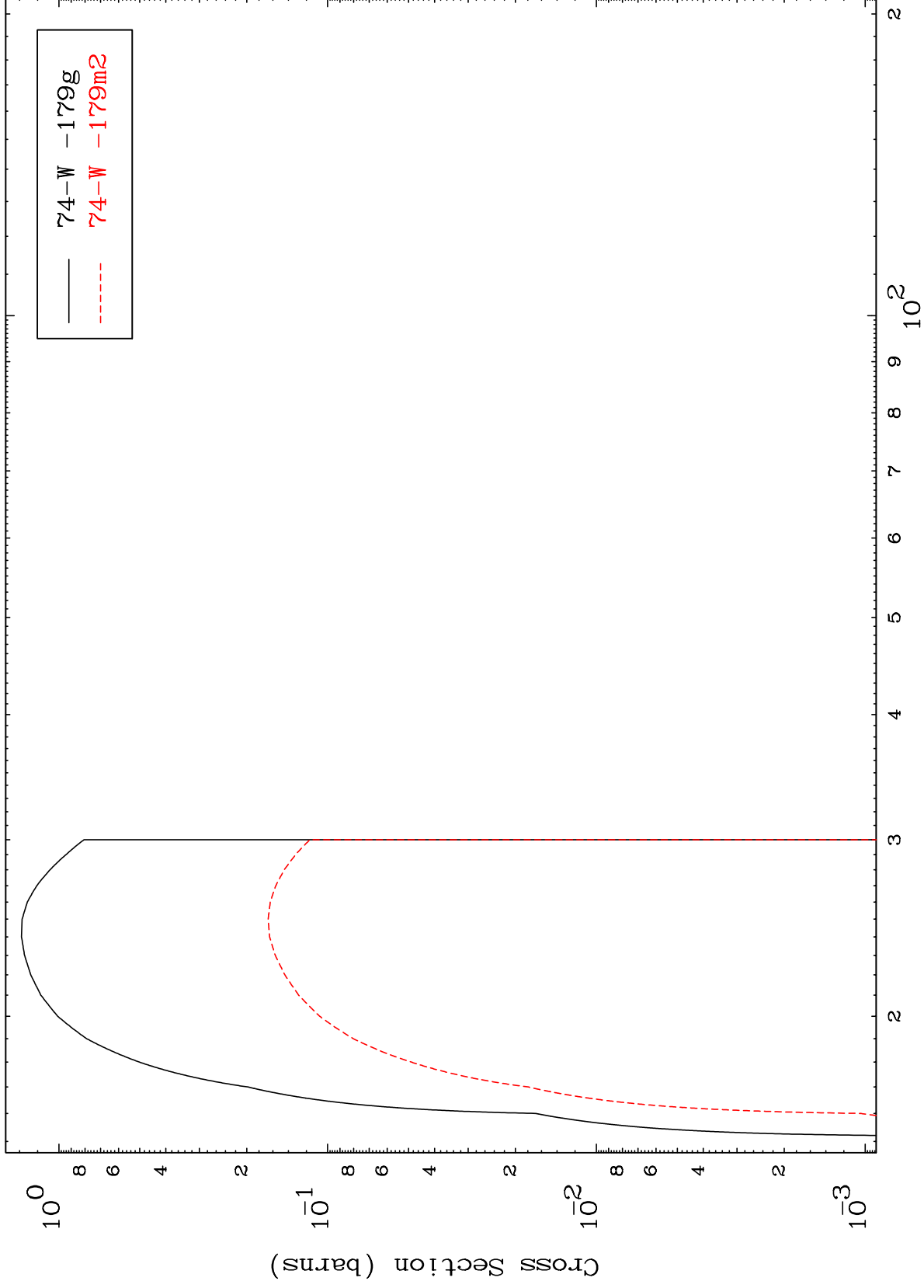
74-W -181



MAT 7428

74-W -181

(n,3n)
Radionuclide Production Cross Section

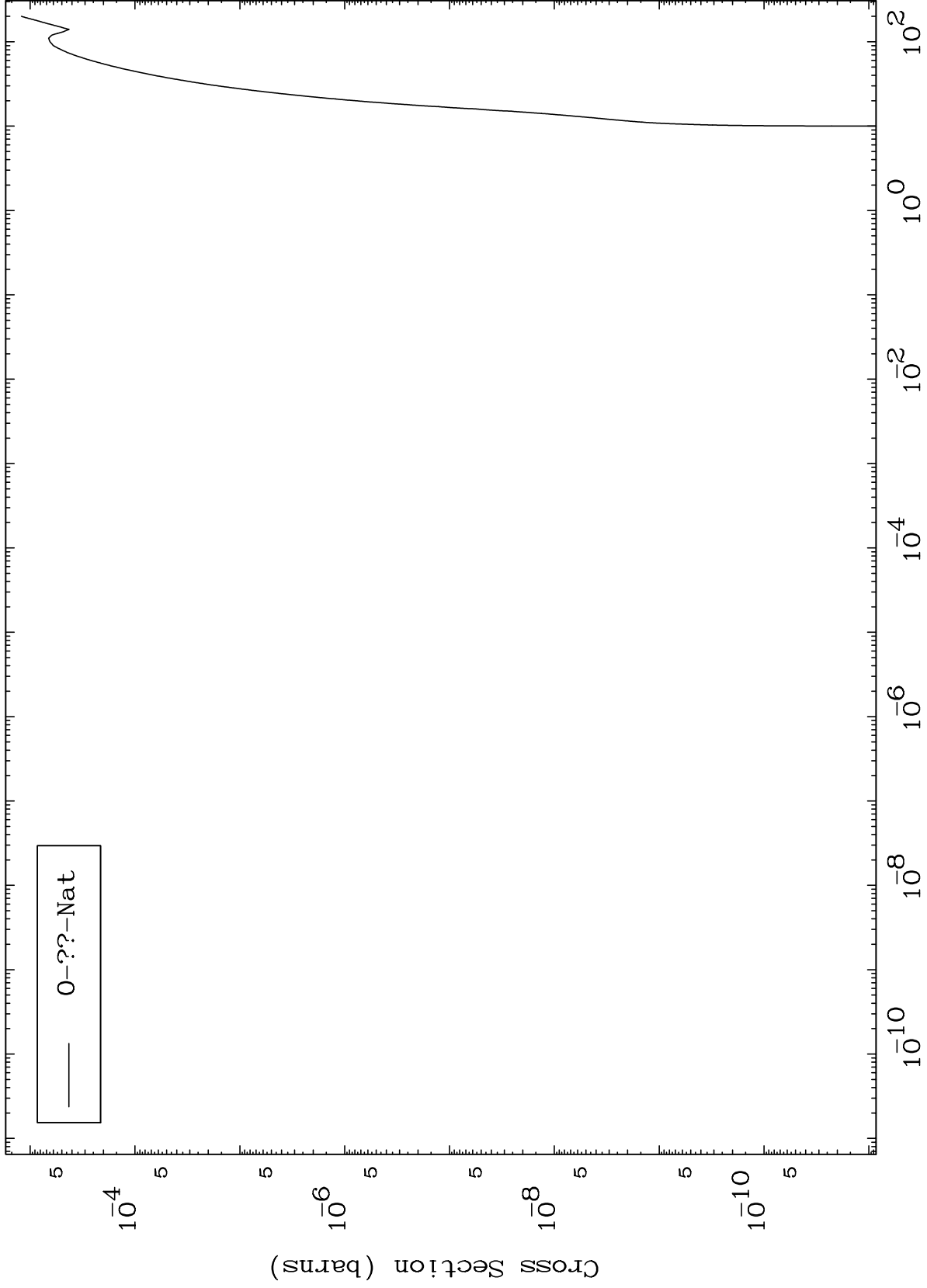


90

Incident Energy (MeV)

74-W -181

Radionuclide Production Cross Section

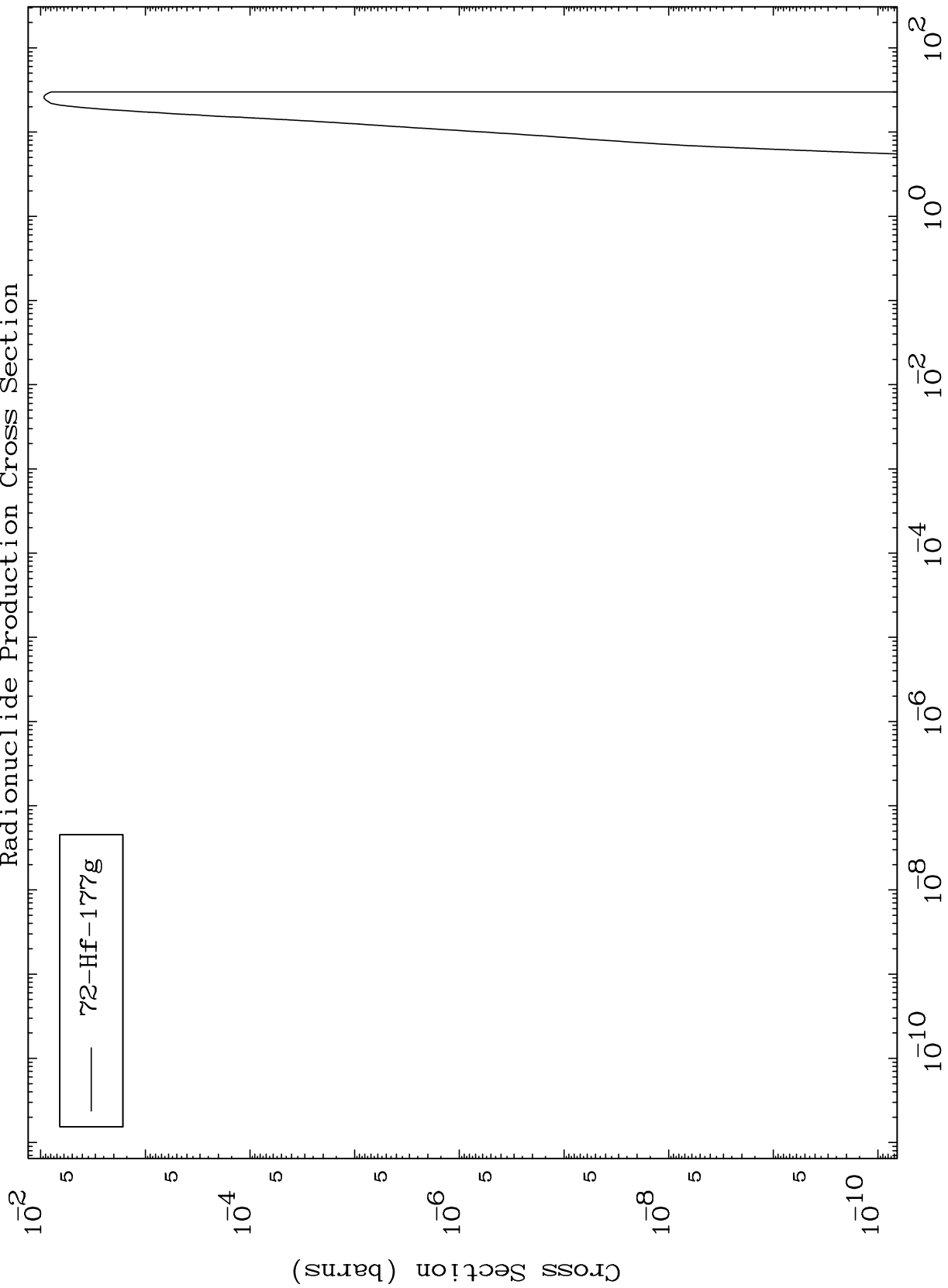


MAT 7428

(n,n') α

74-W -181

Radionuclide Production Cross Section

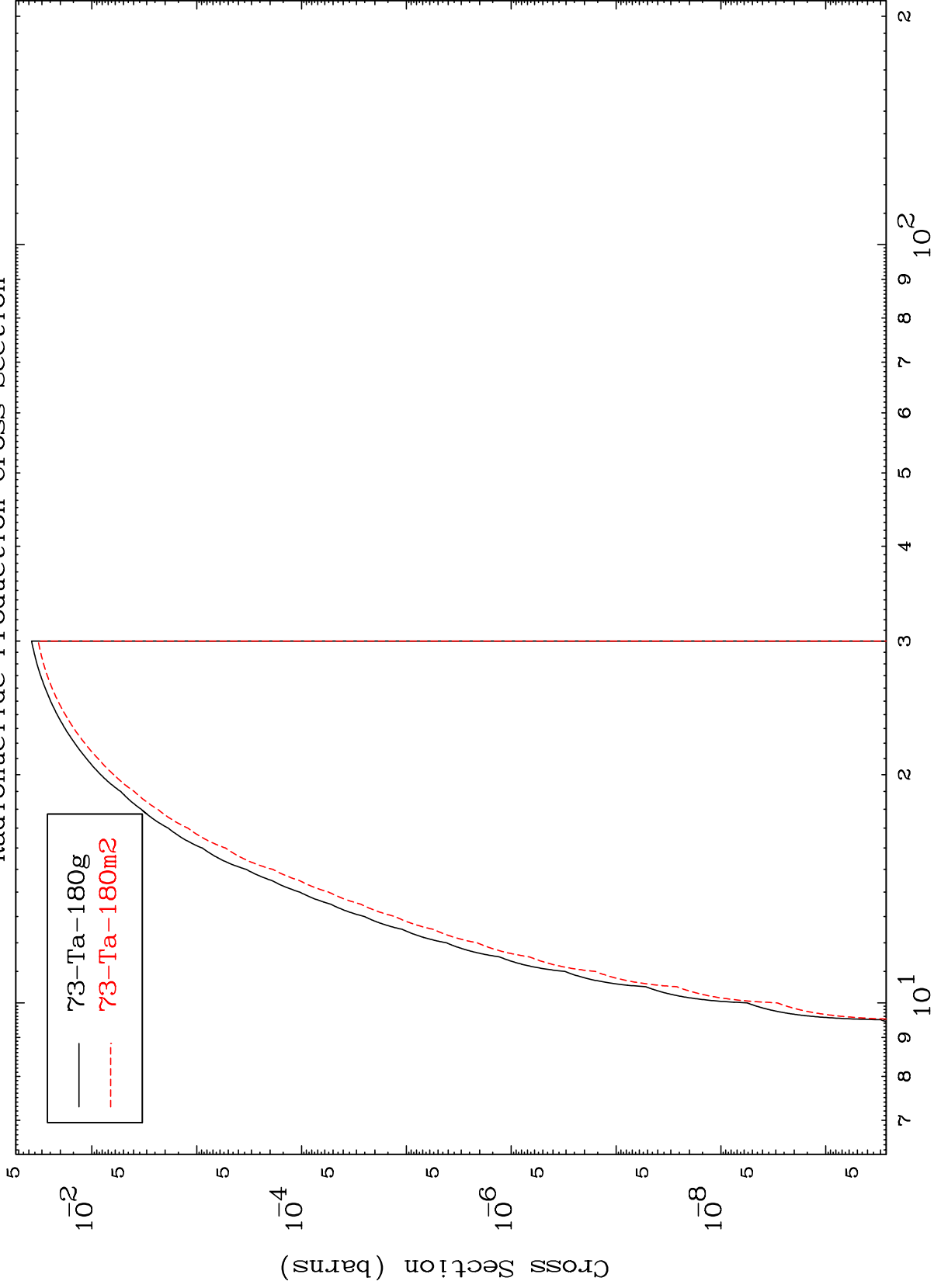


92

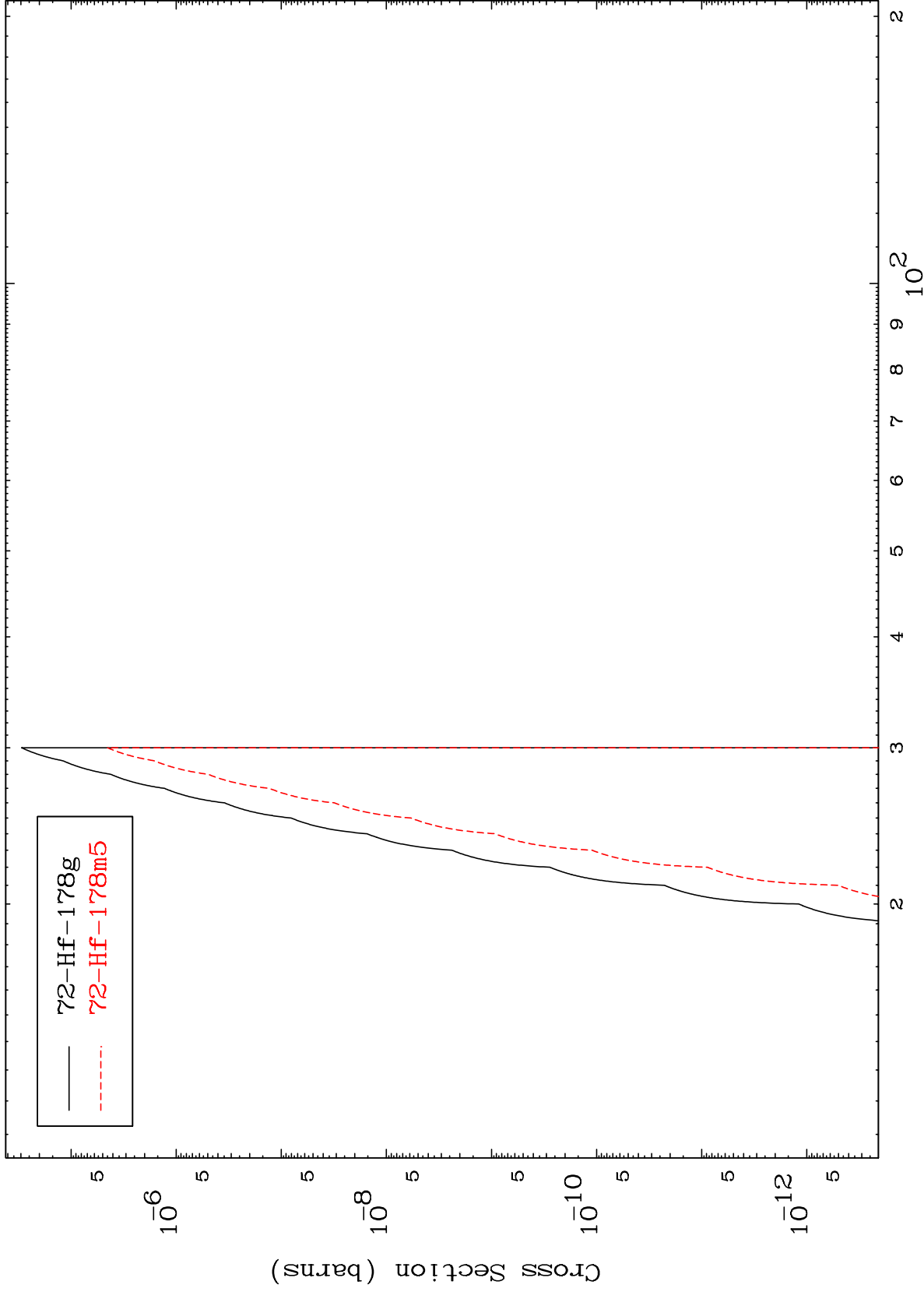
Incident Energy (MeV)

74-W -181

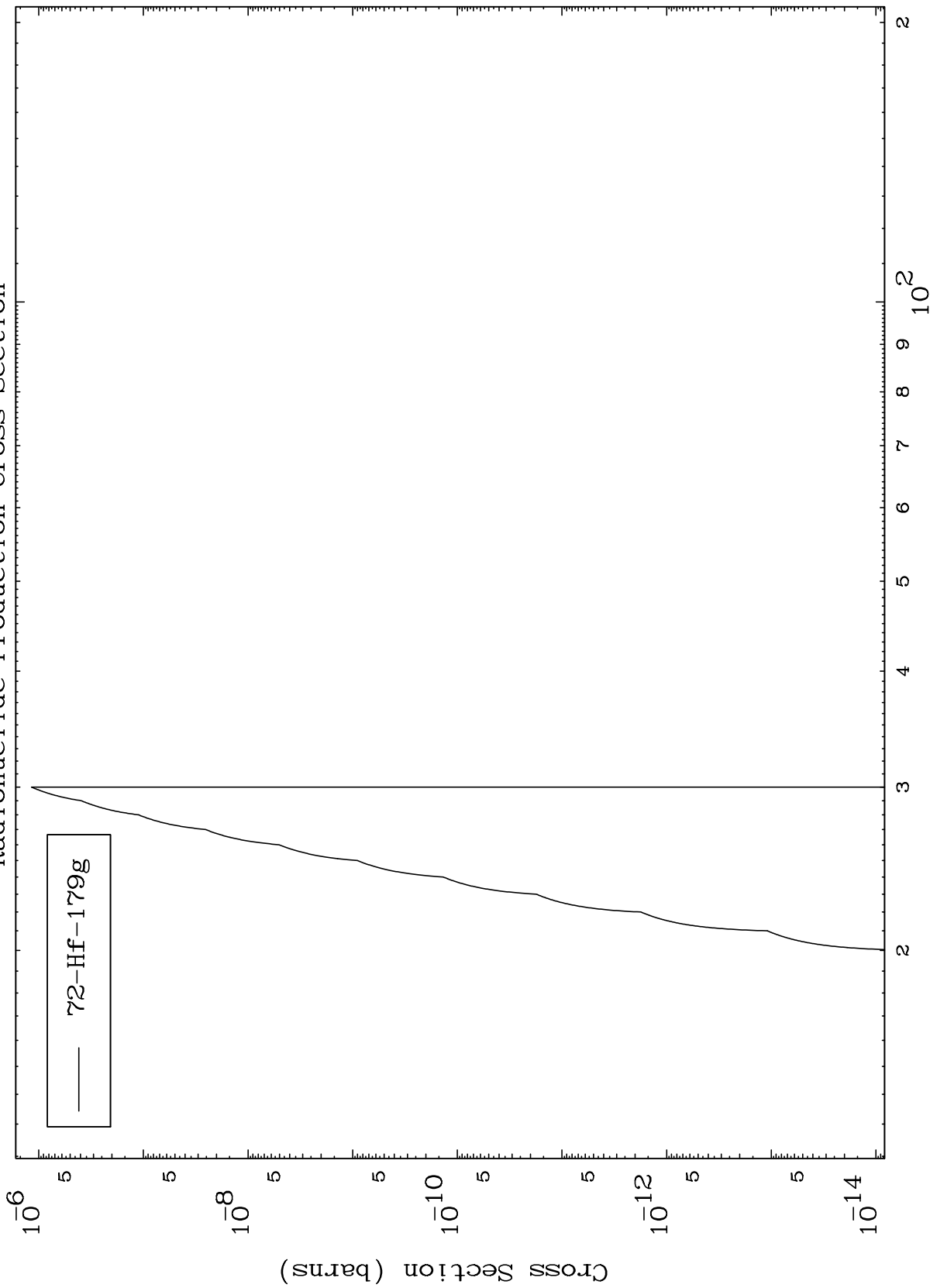
(n,n') p
Radionuclide Production Cross Section



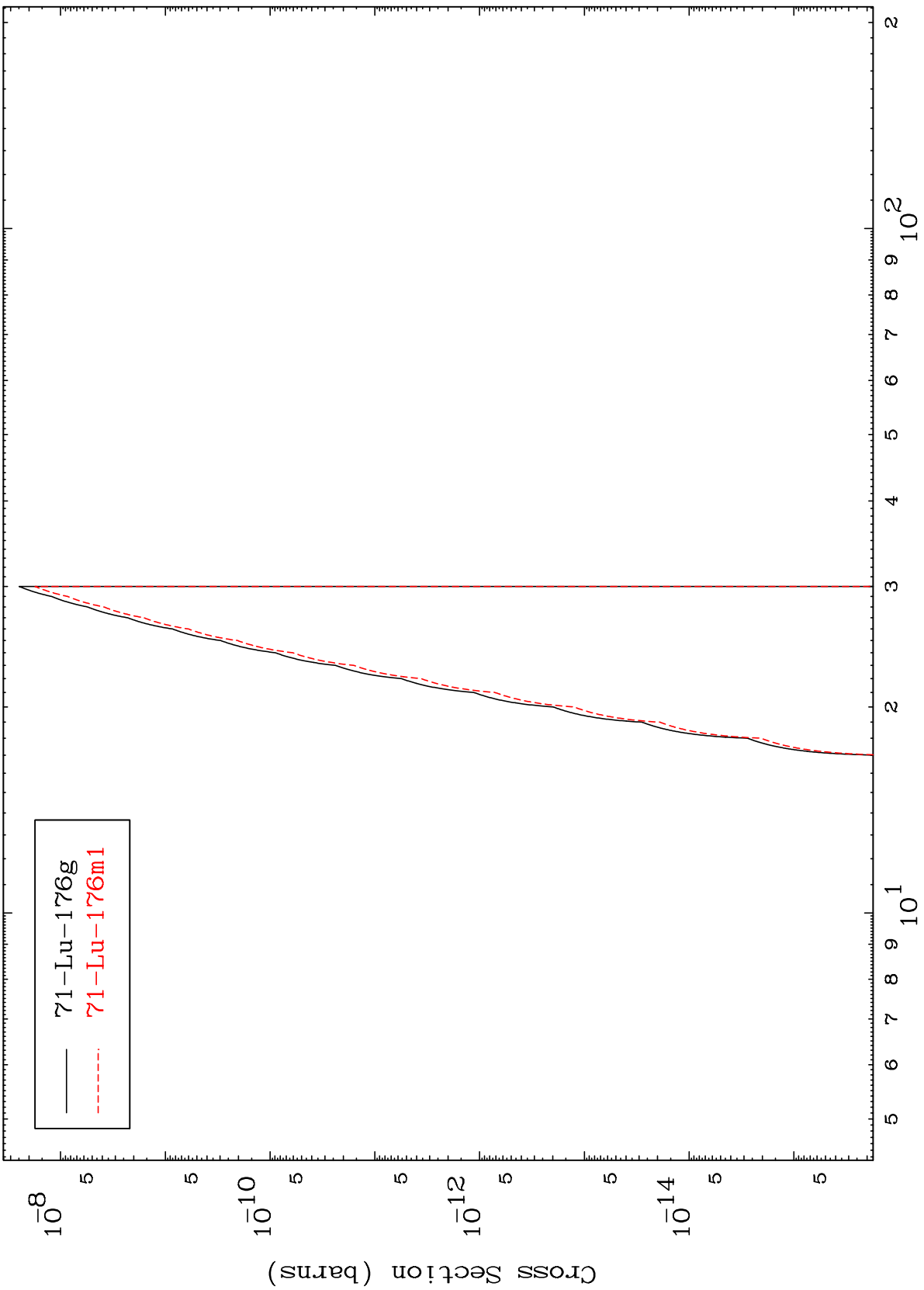
Radionuclide Production Cross Section



Radionuclide Production Cross Section

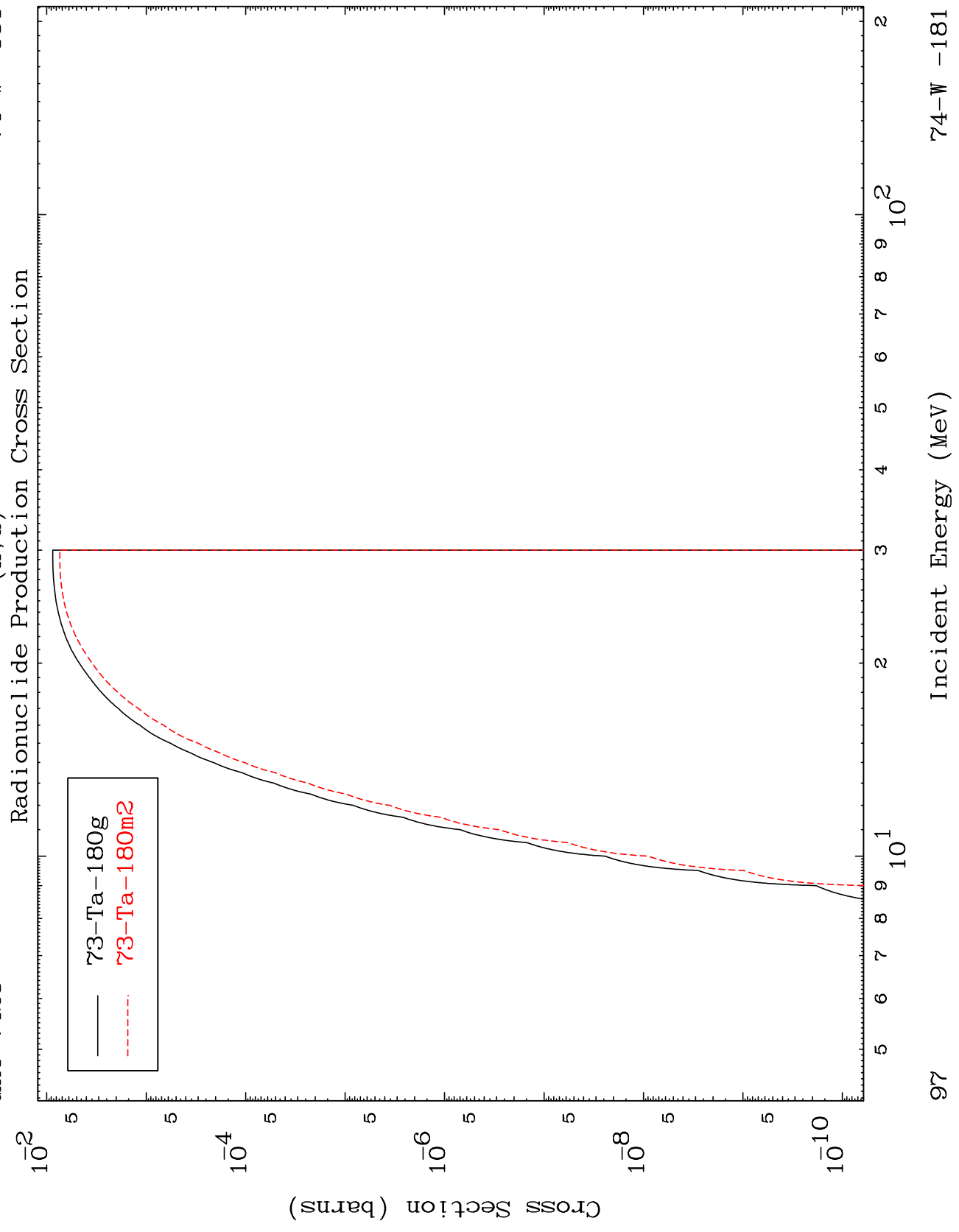


Radionuclide Production Cross Section



MAT 7428

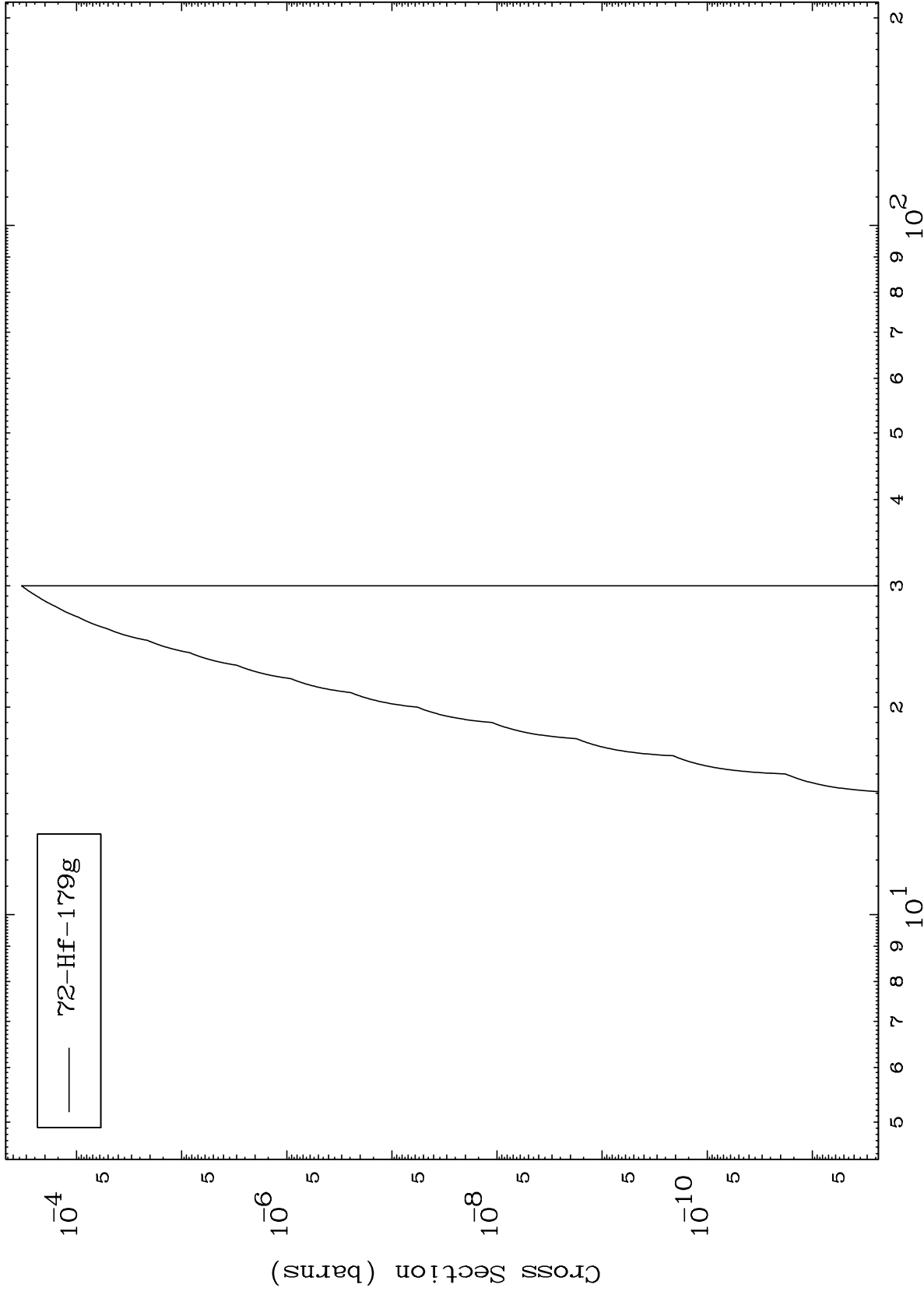
74-W -181



97

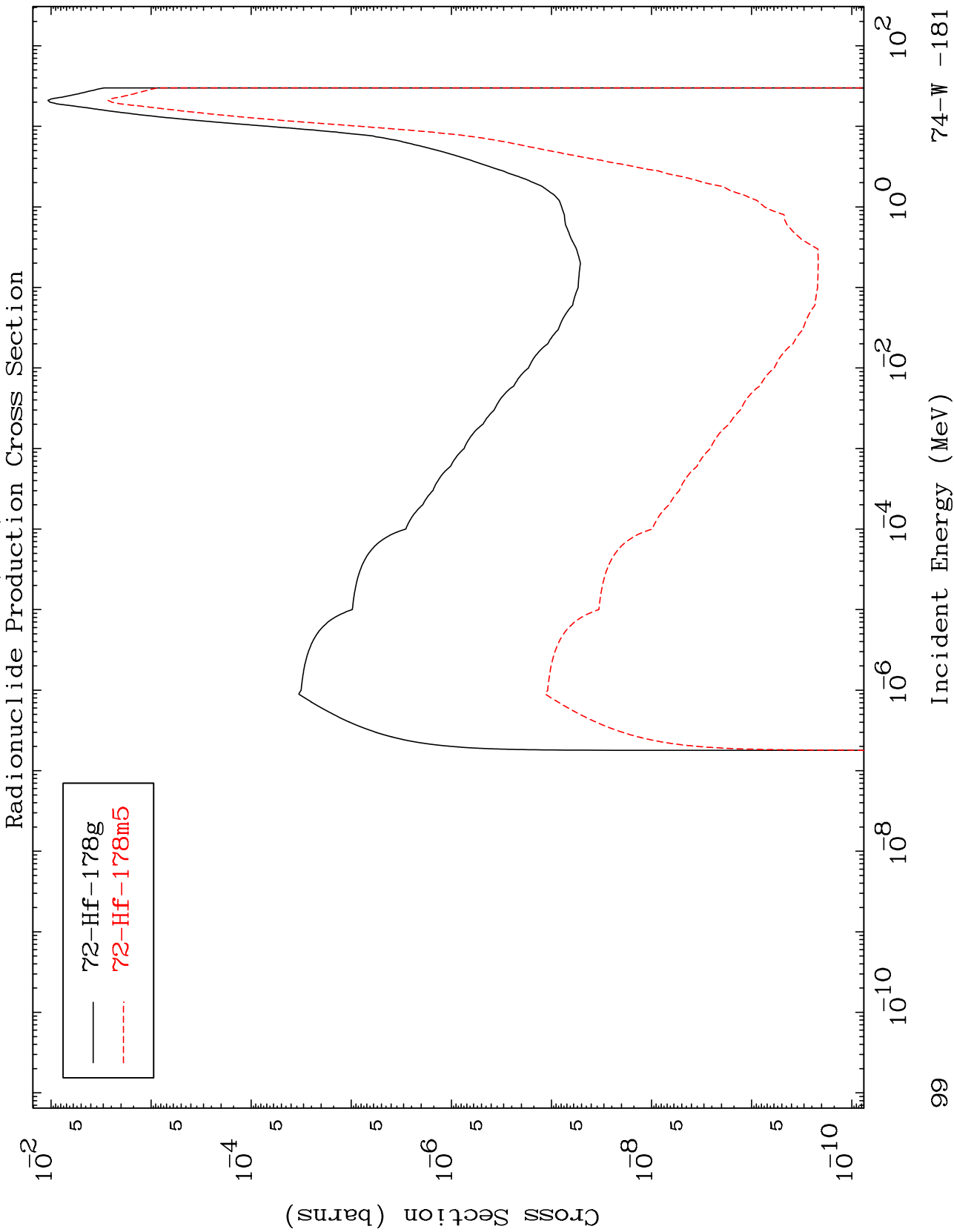
74-W -181

Radionuclide Production Cross Section



MAT 7428

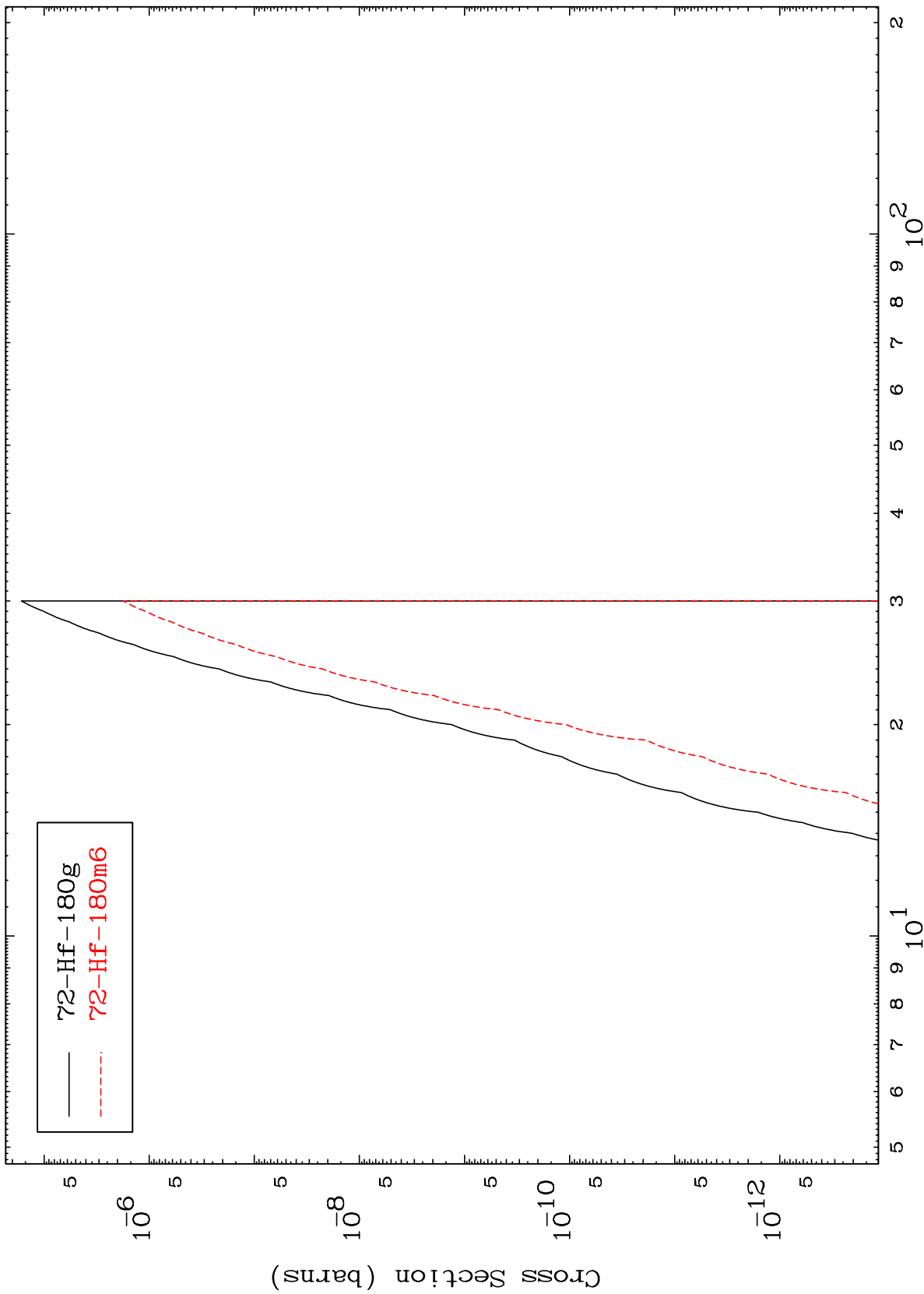
74-W -181



MAT 7428

74-W -181

(n,2p)
Radionuclide Production Cross Section



74-W -181

Incident Energy (MeV)

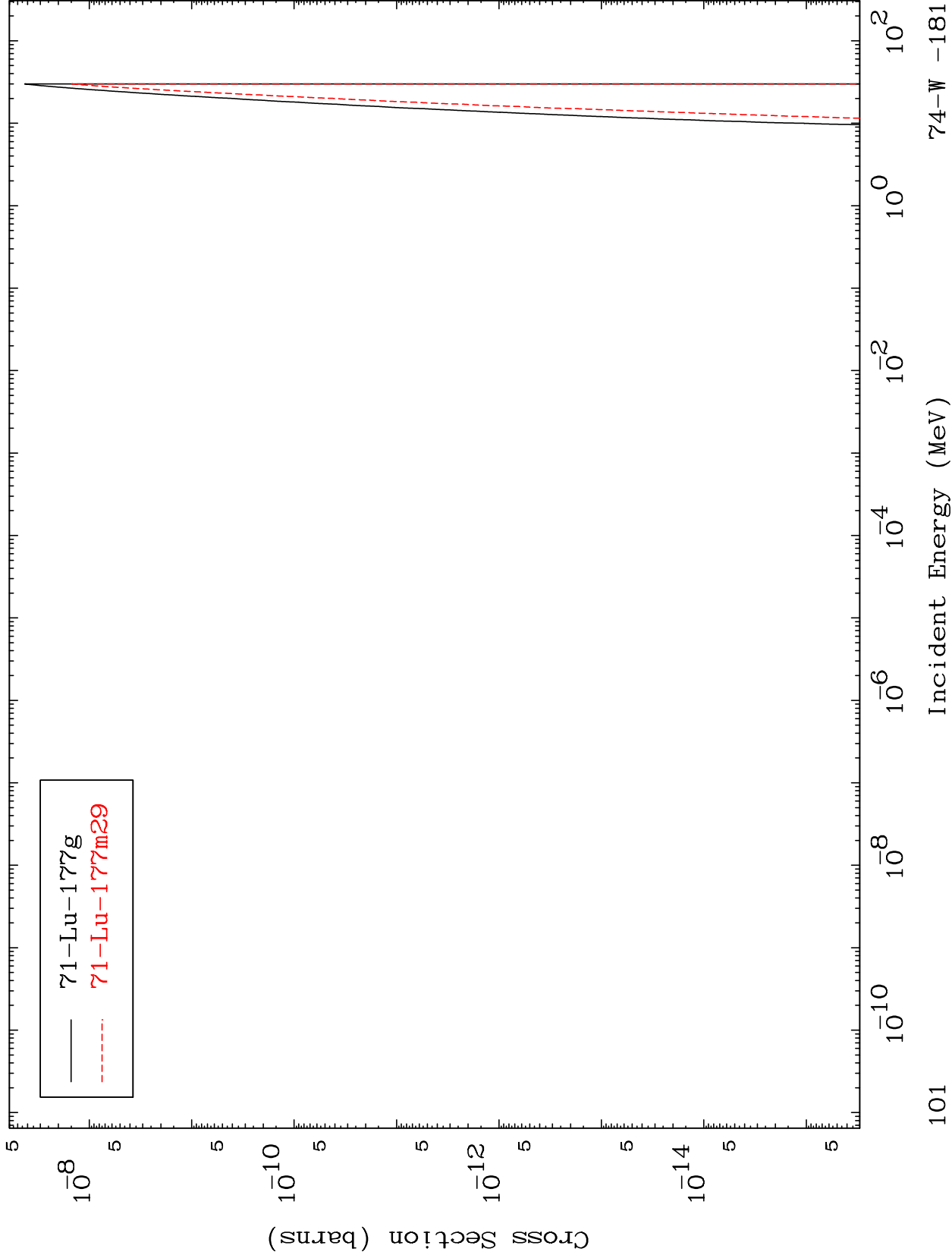
100

MAT 7428

(n,p) α

74-W -181

Radionuclide Production Cross Section



101

Incident Energy (MeV)

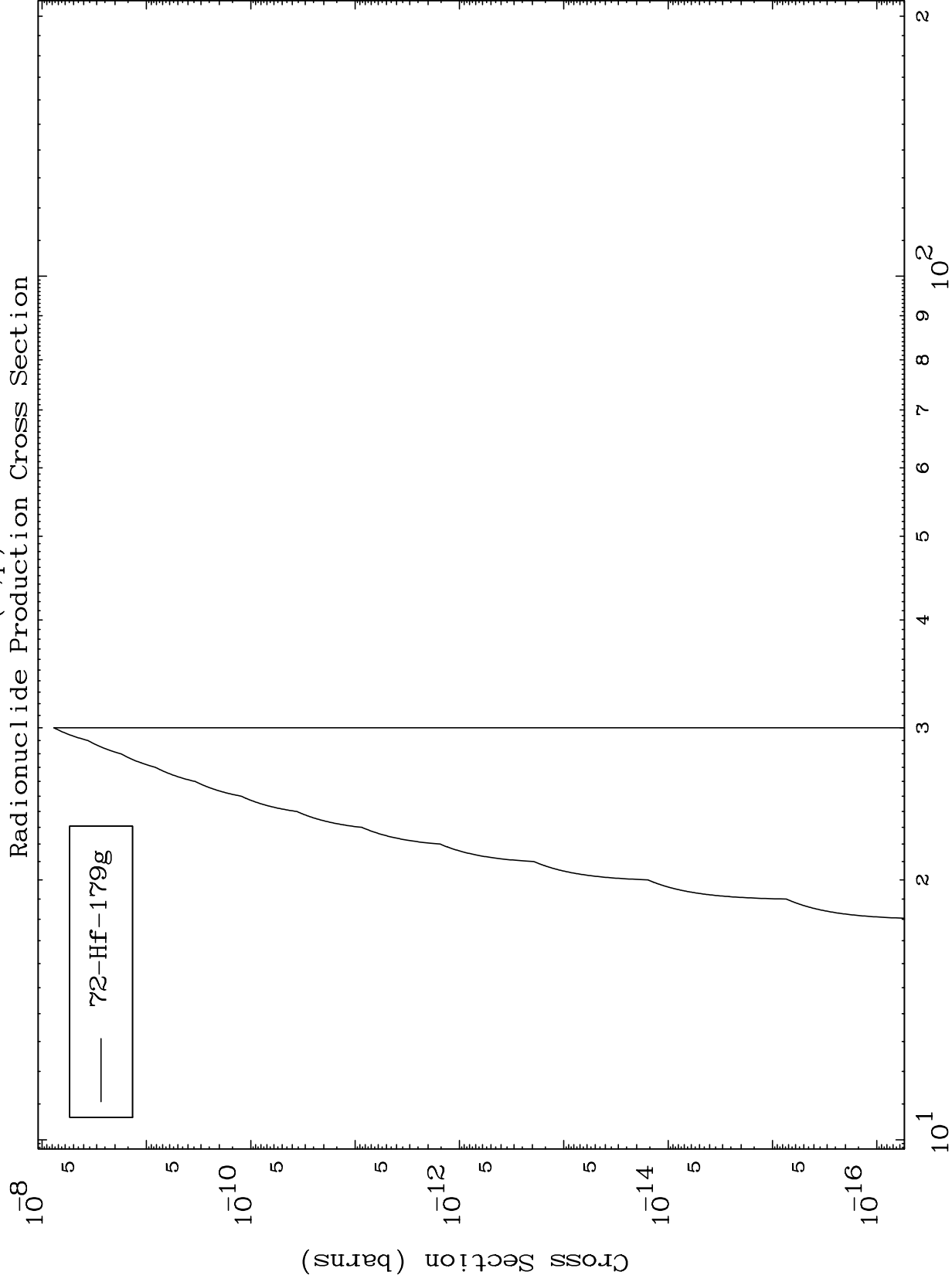
74-W -181

MAT 7428

(n,p) d

74-W -181

Radionuclide Production Cross Section



102

Incident Energy (MeV)

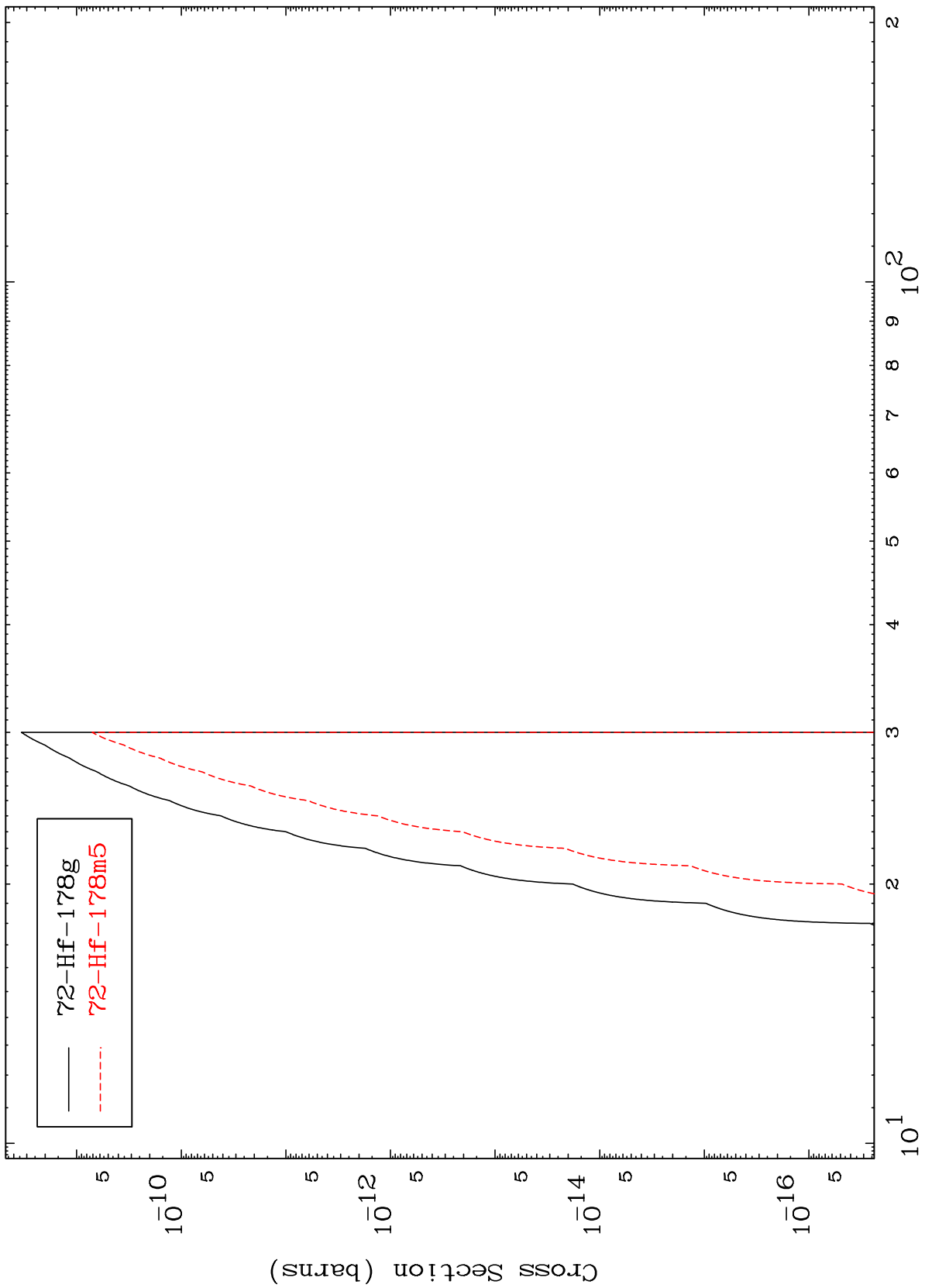
74-W -181

MAT 7428

(n,p) t

74-W -181

Radionuclide Production Cross Section

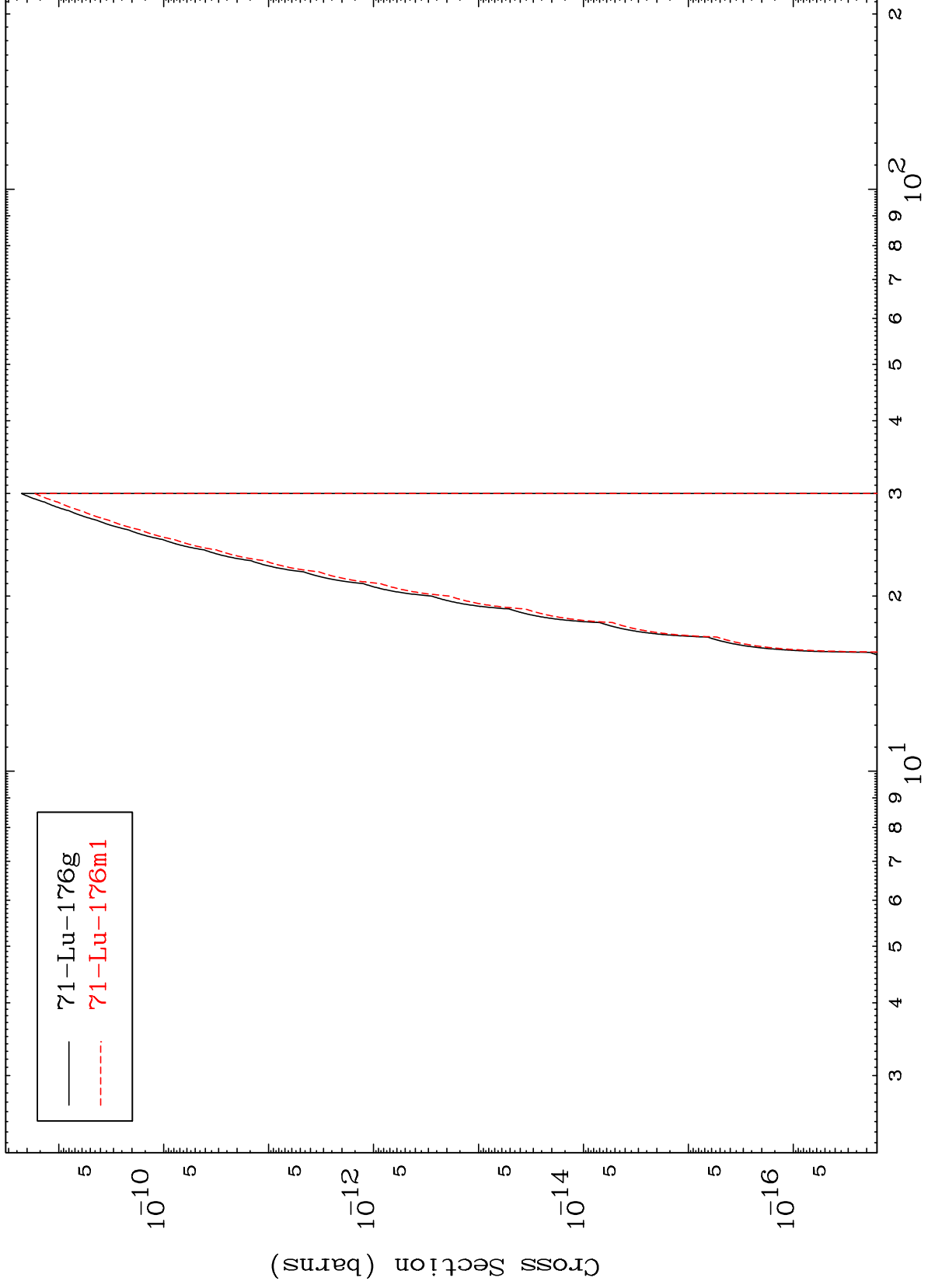


103

Incident Energy (MeV)

74-W -181

Radionuclide Production Cross Section



— 71-Lu-176g
- - - 71-Lu-176m1