

Program EVALPLOT
(Version 2018-1)

by

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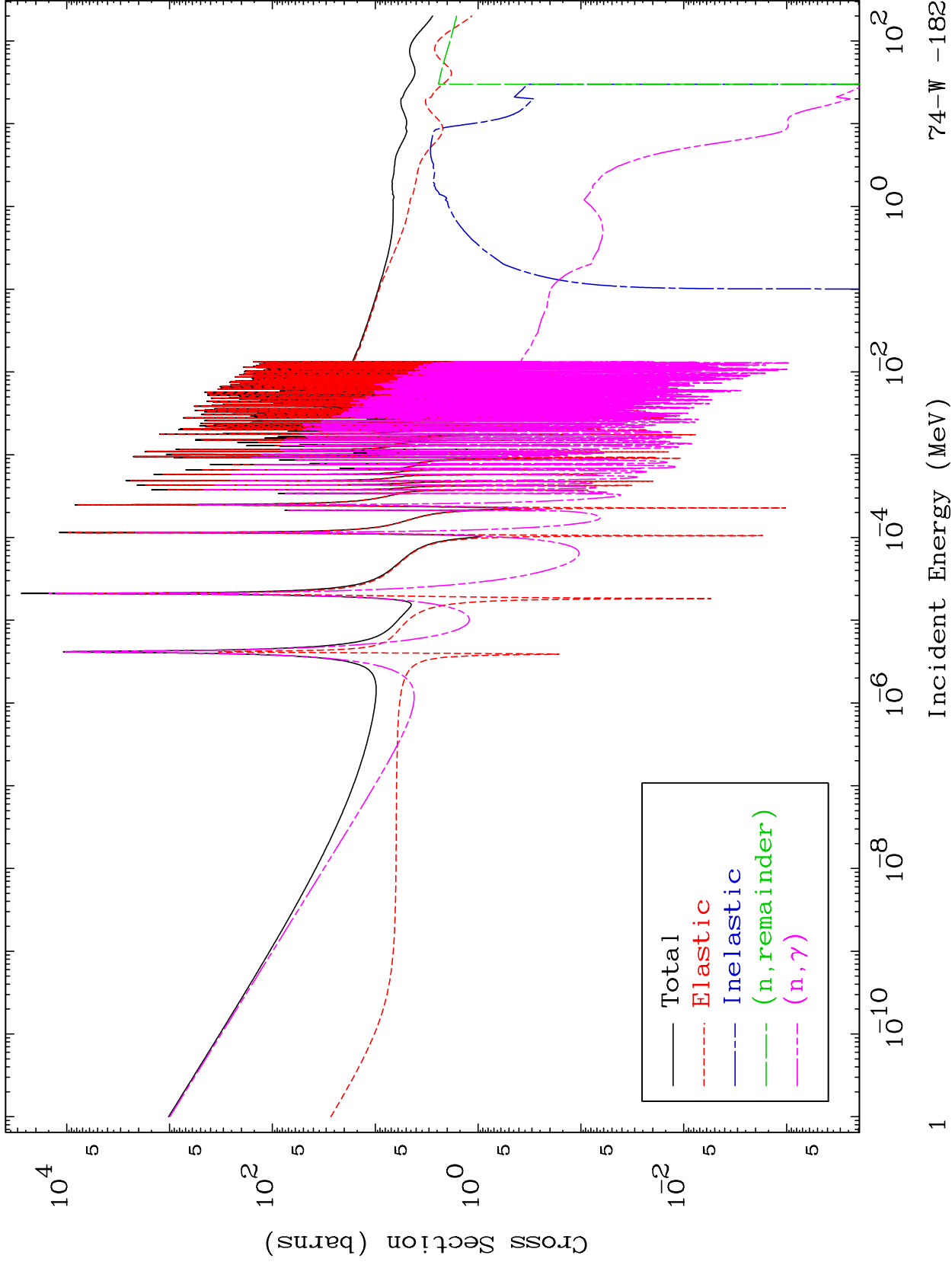
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Press Mouse Button to Start

MAT 7431

Major
293 Kelvin Cross Sections

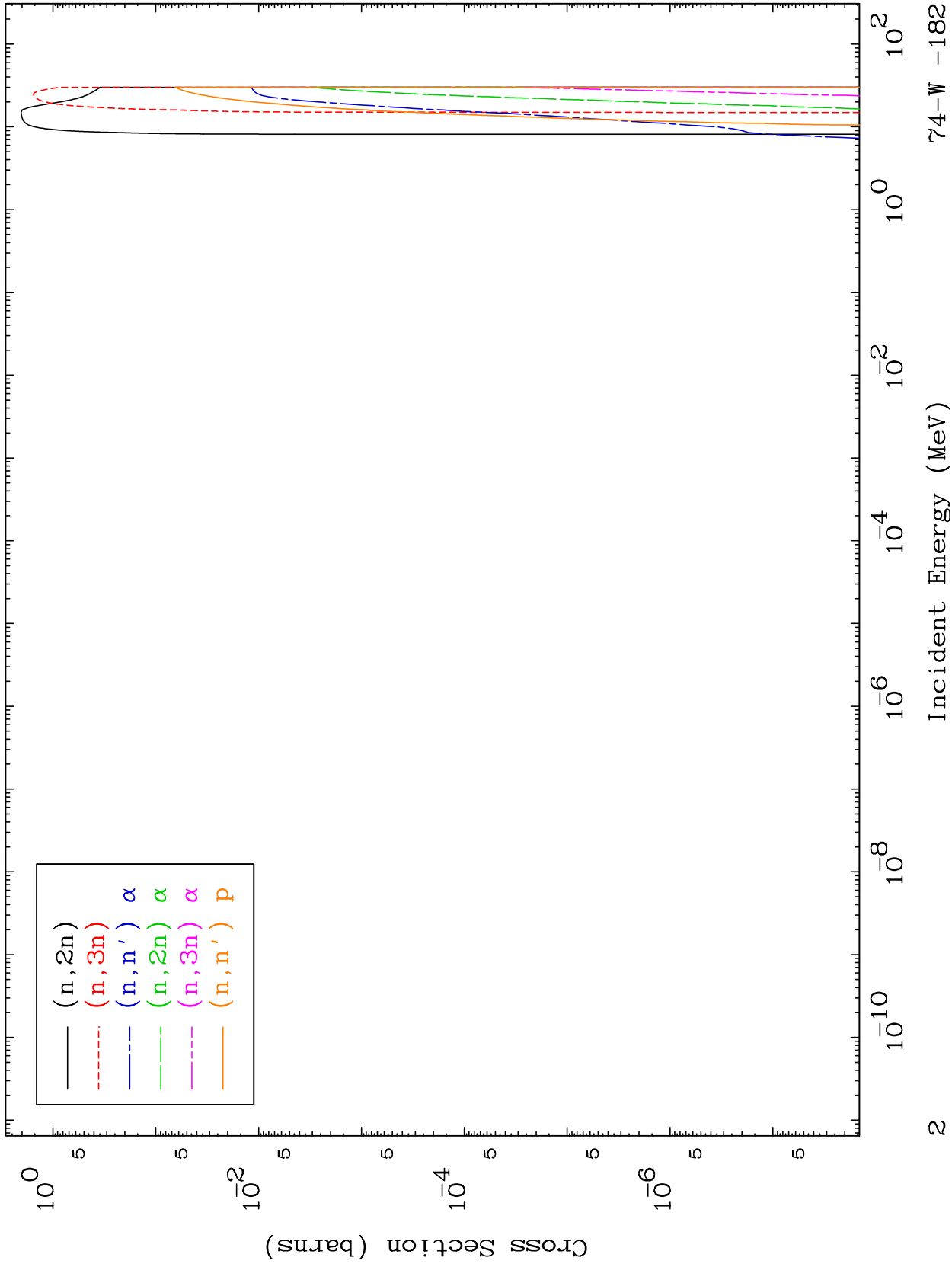
74-W -182

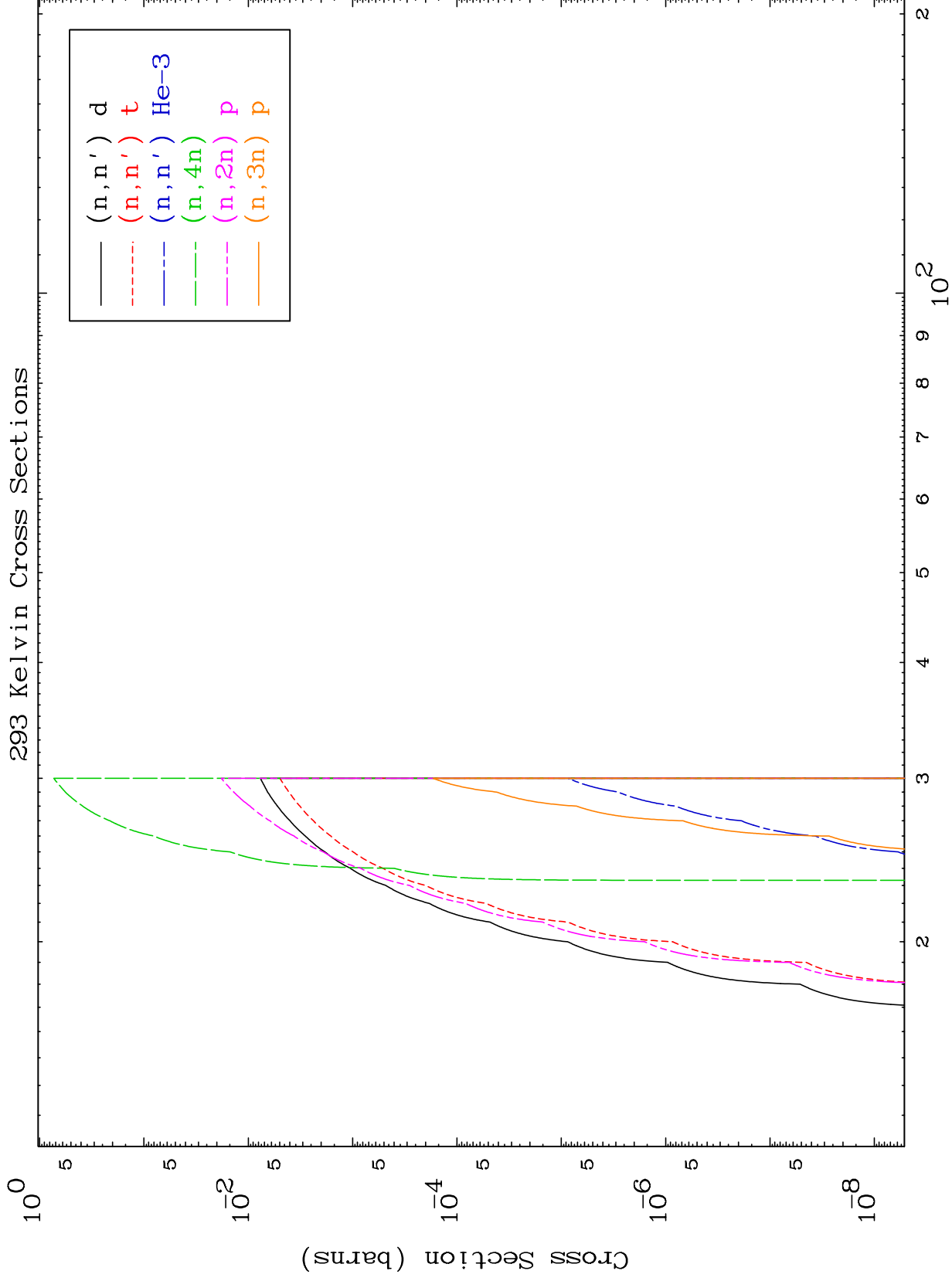


MAT 7431

Neutron Production
293 Kelvin Cross Sections

74-W -182

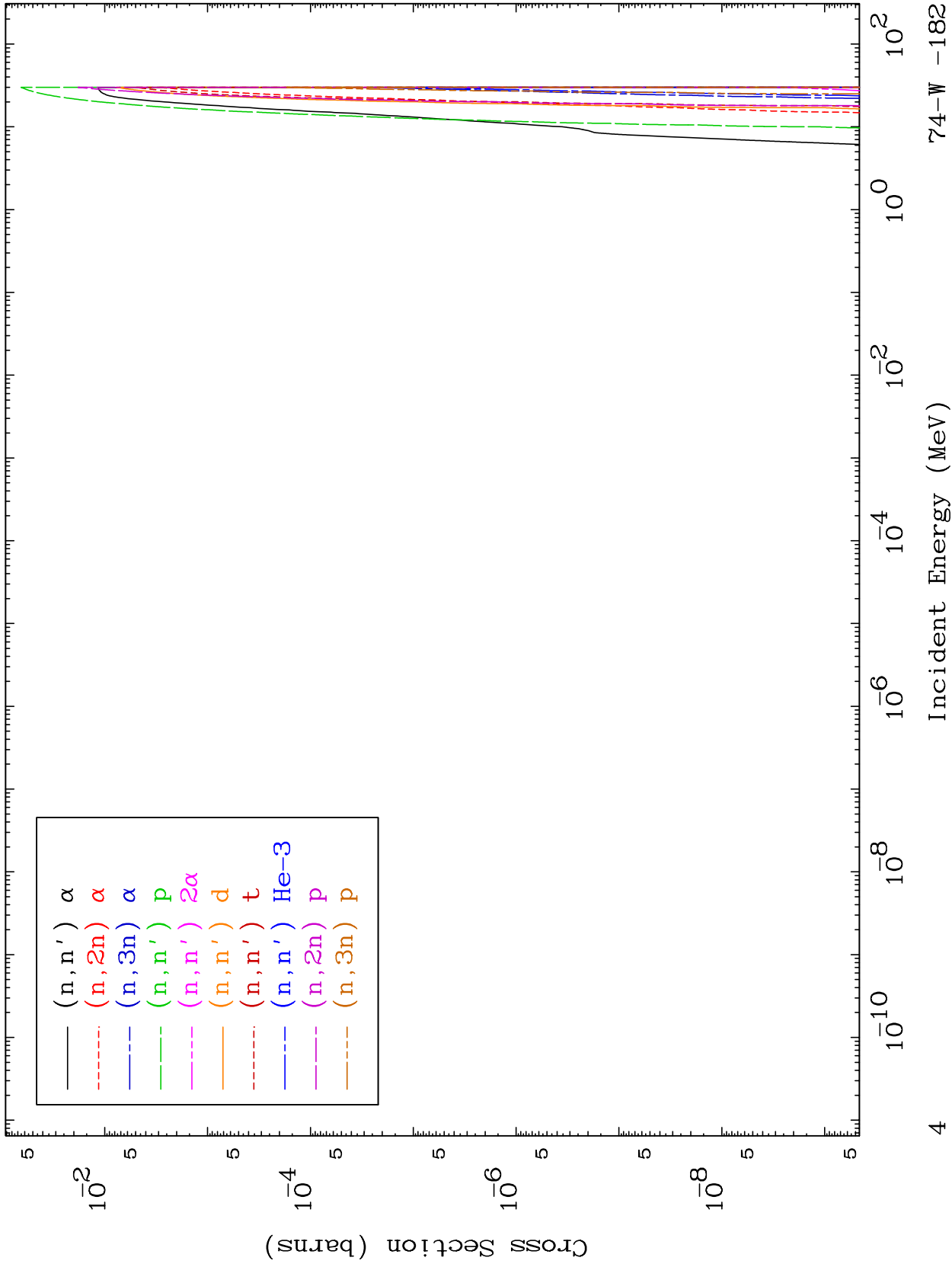


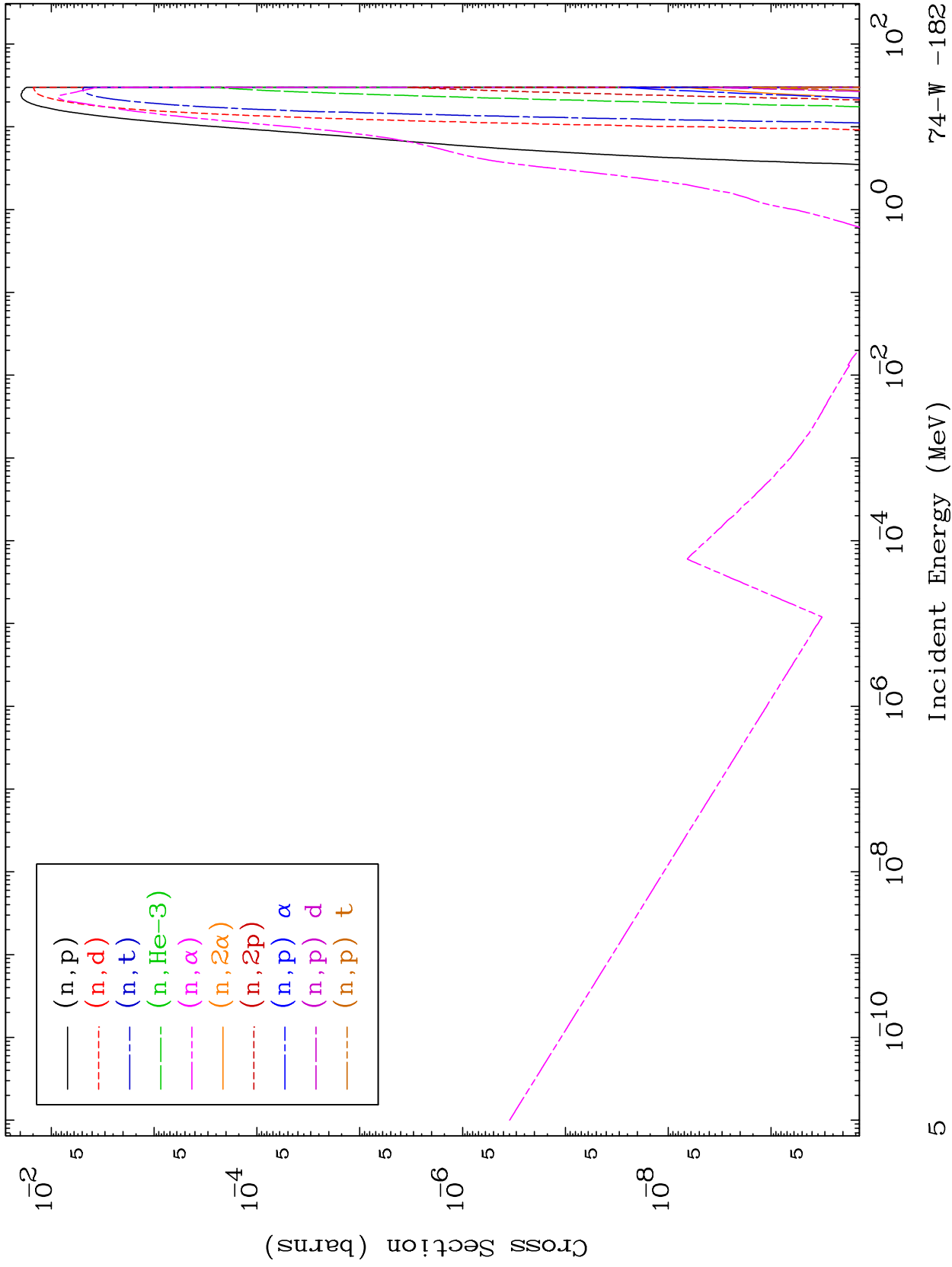


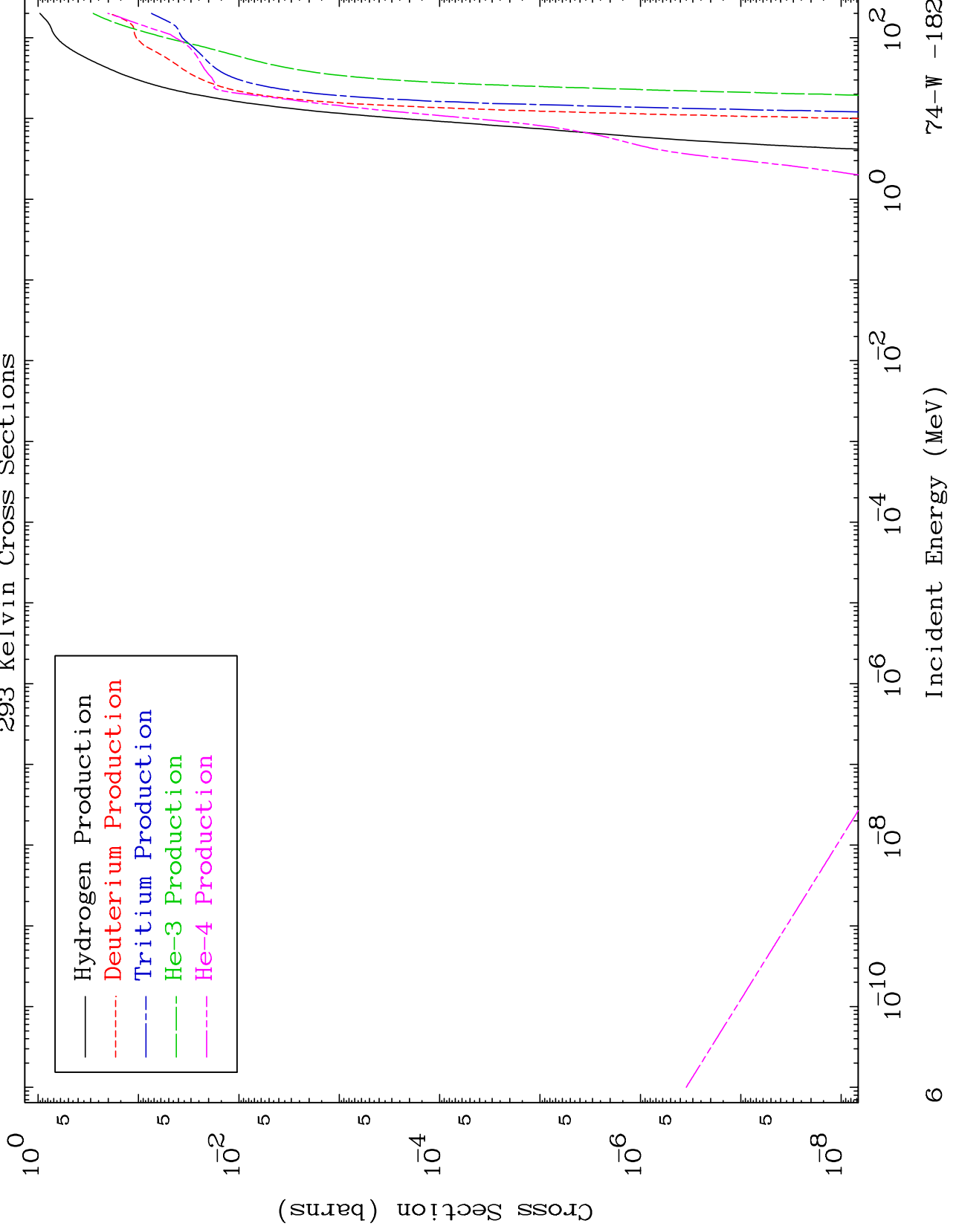
MAT 7431

Charged Particle
293 Kelvin Cross Sections

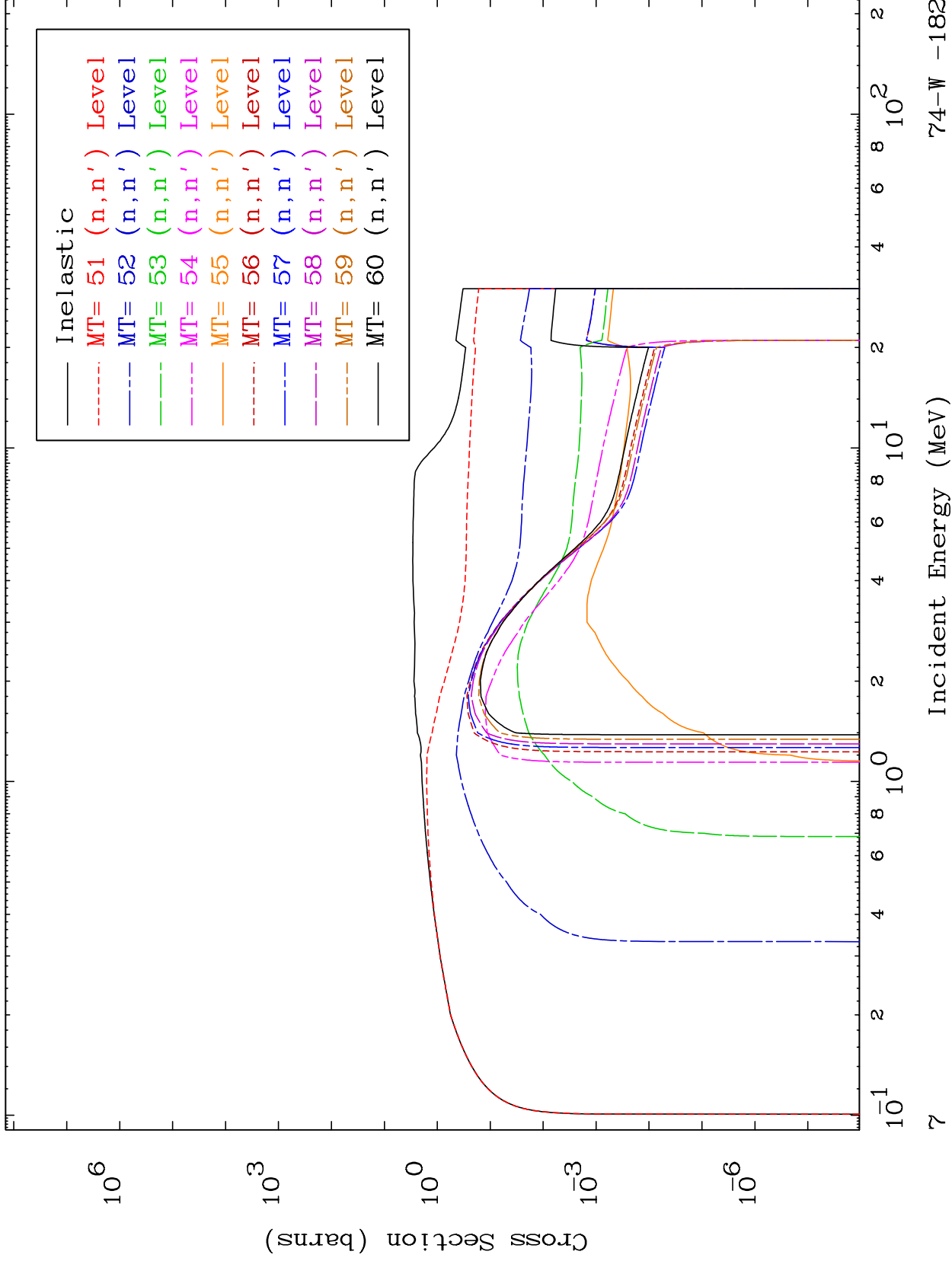
74-W -182



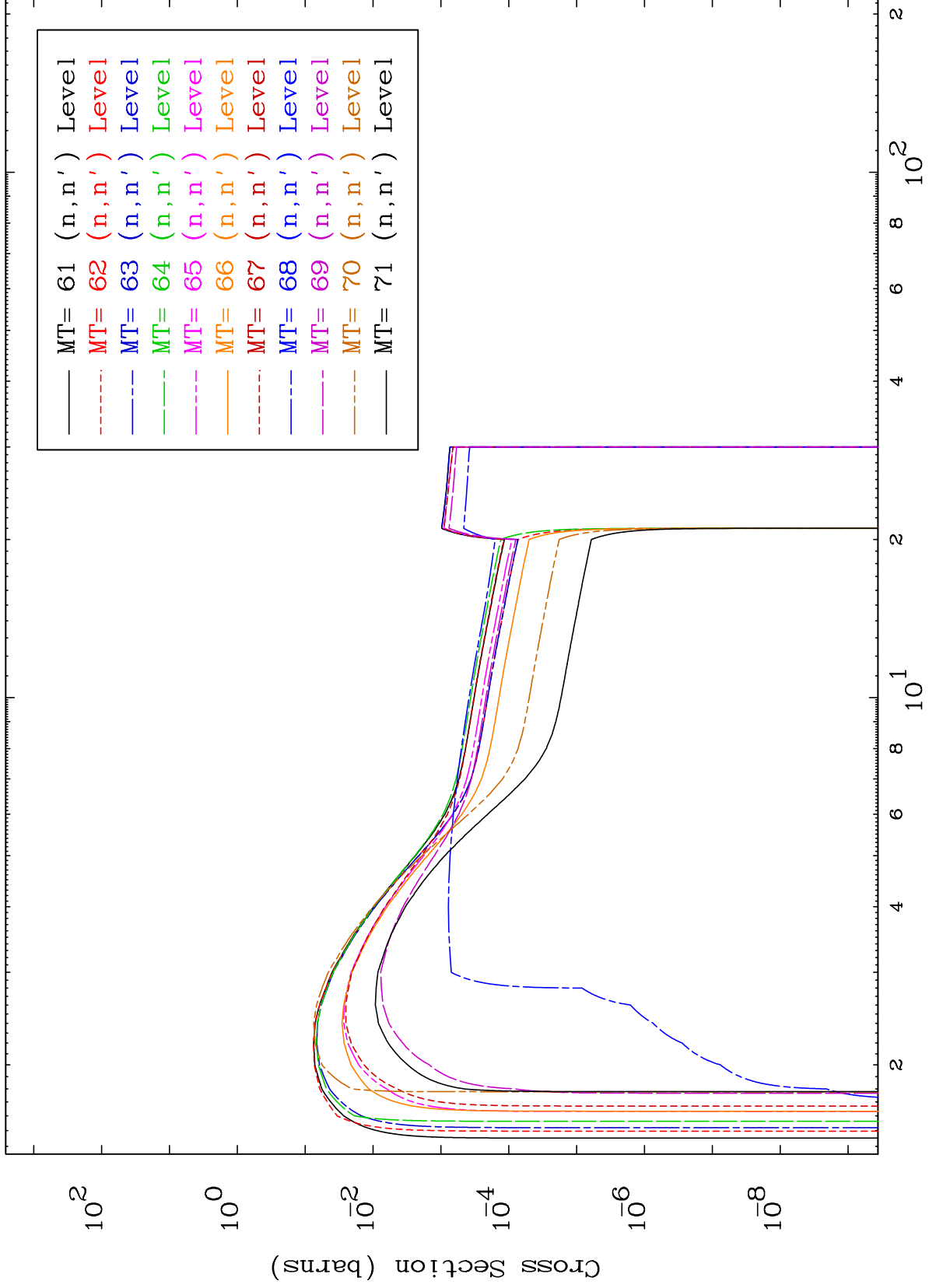




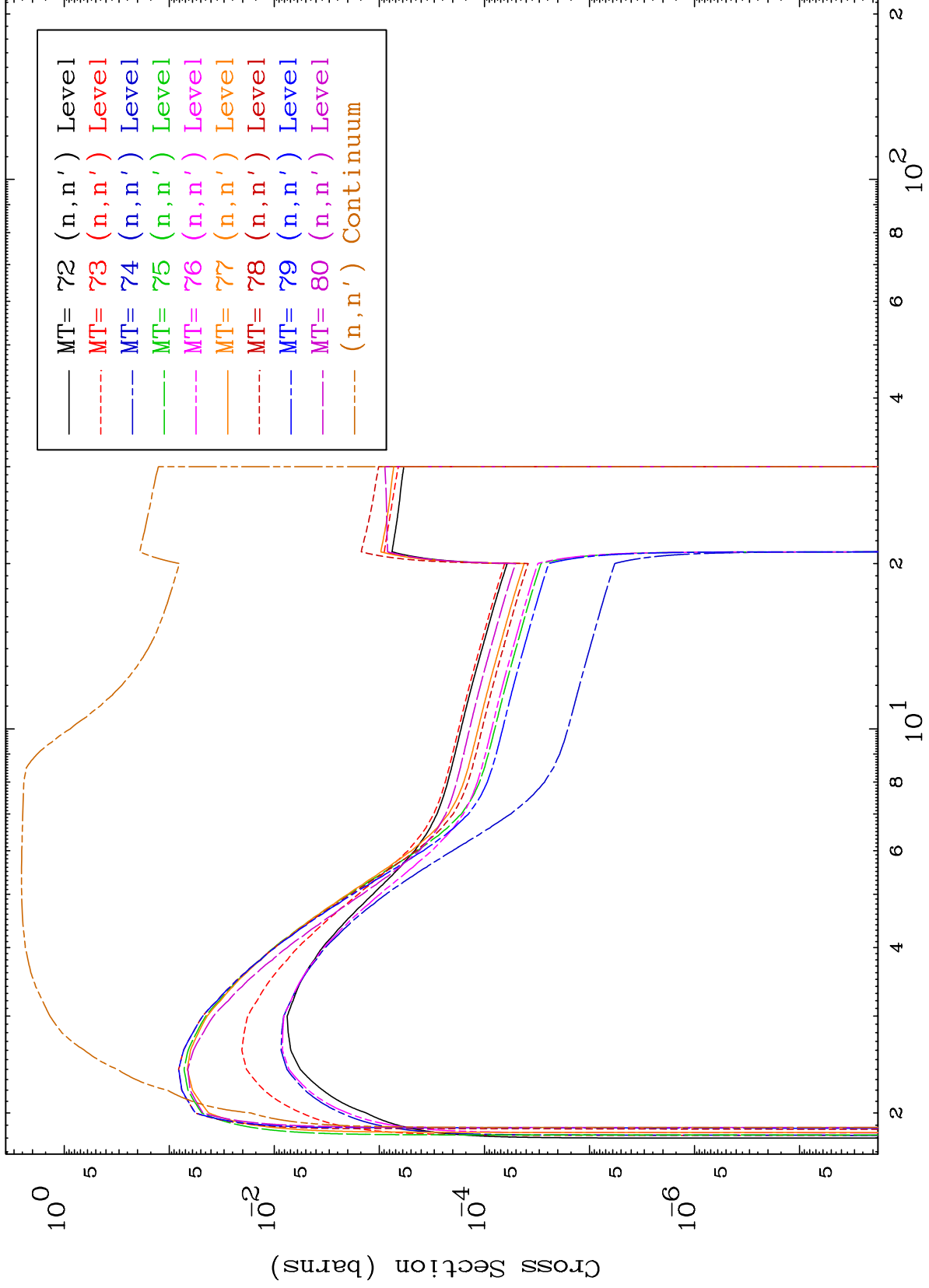
293 Kelvin Cross Sections



293 Kelvin Cross Sections



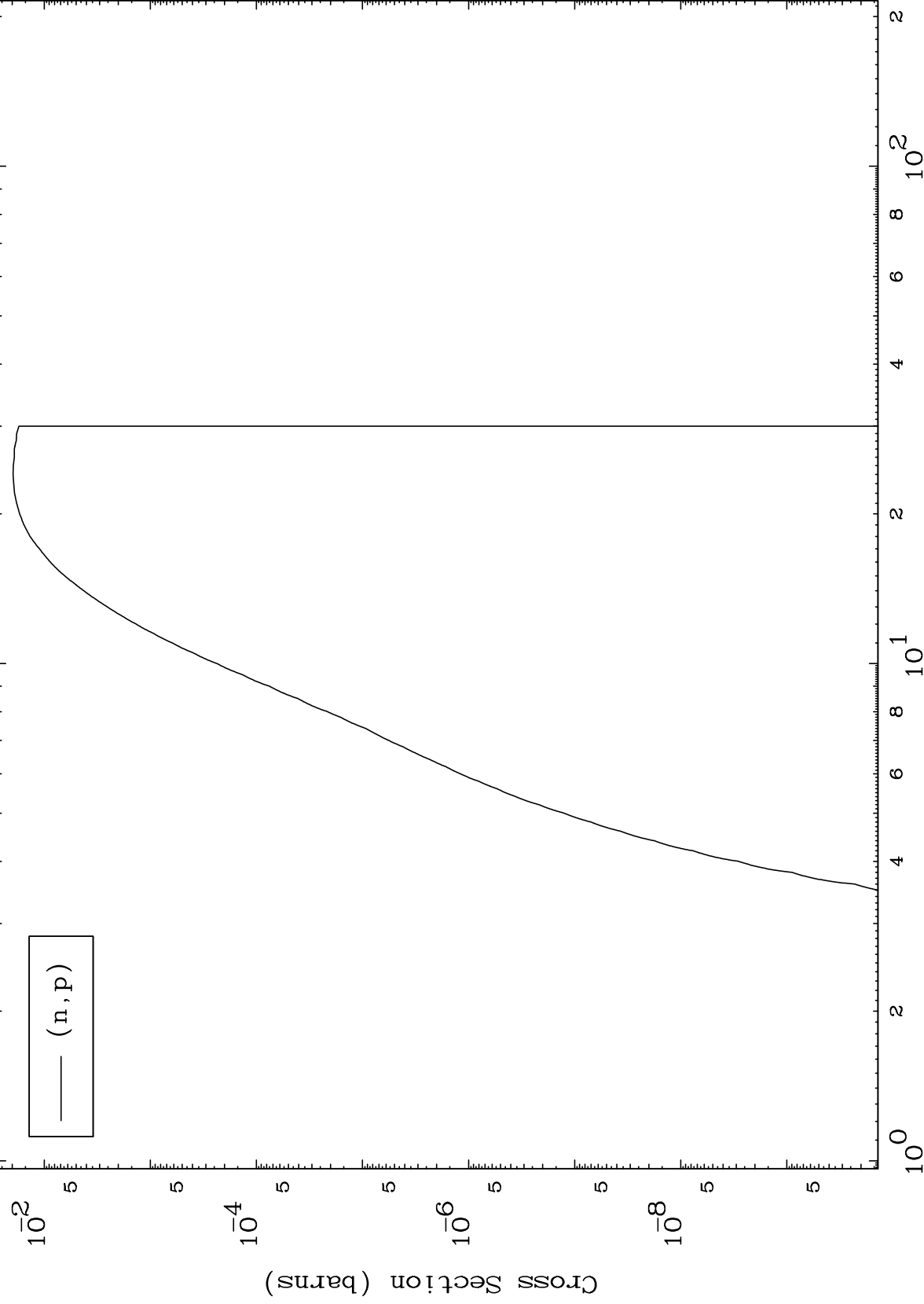
293 Kelvin Cross Sections



MAT 7431

(n,p) Levels
293 Kelvin Cross Sections

74-W -182



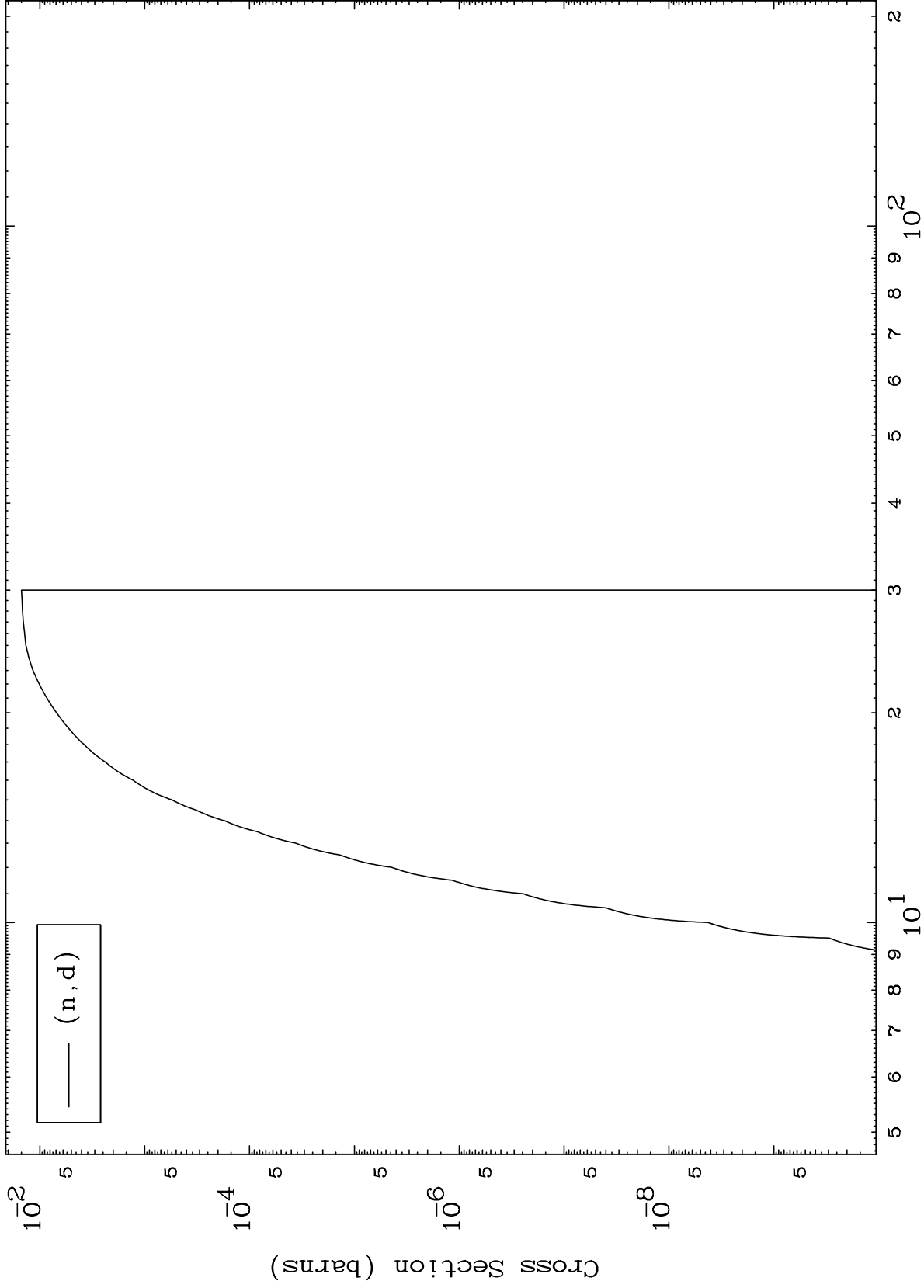
Incident Energy (MeV)

74-W -182

MAT 7431

(n,d) Levels
293 Kelvin Cross Sections

74-W -182



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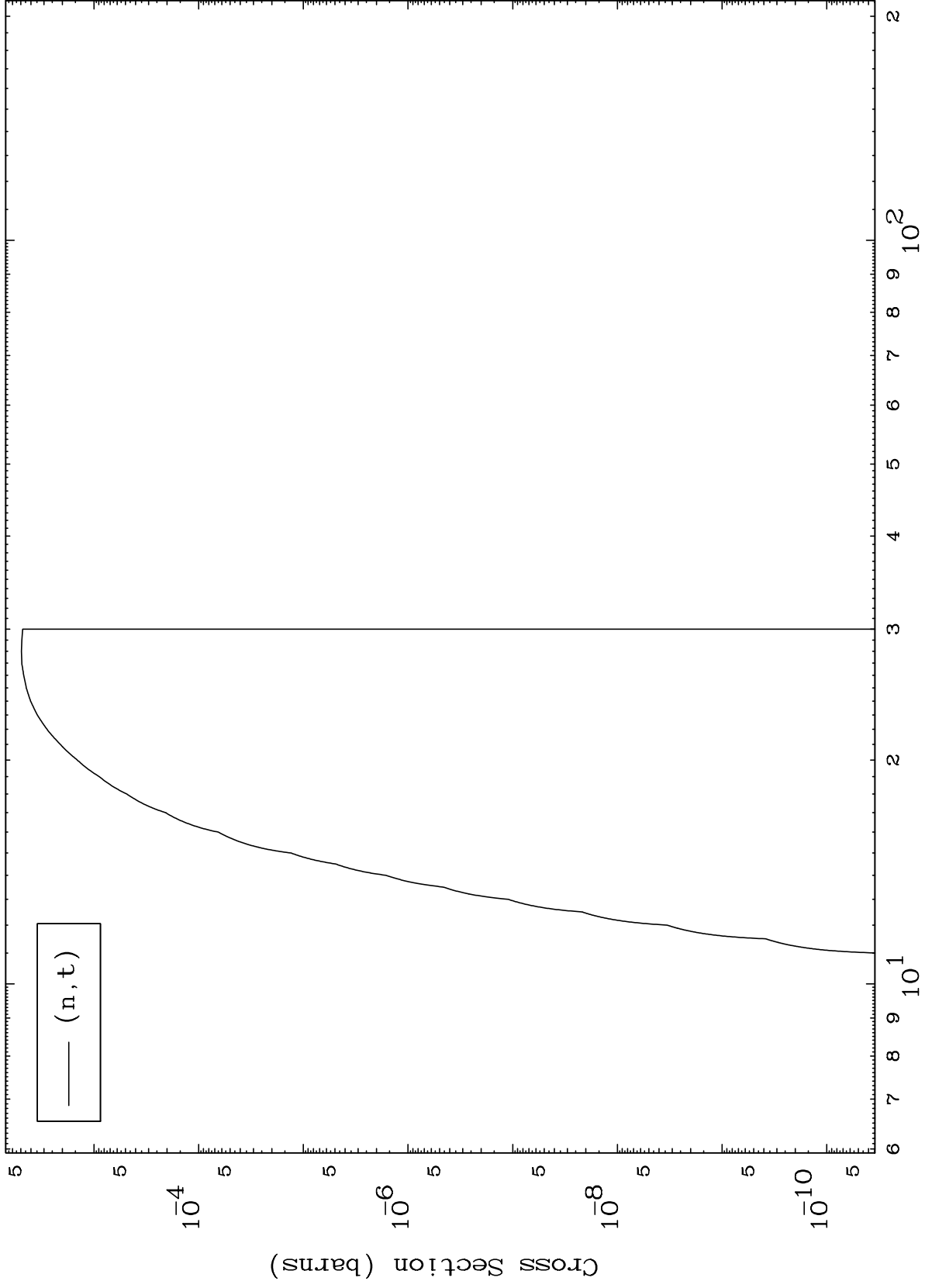
Incident Energy (MeV)

74-W -182

MAT 7431

(n,t) Levels
293 Kelvin Cross Sections

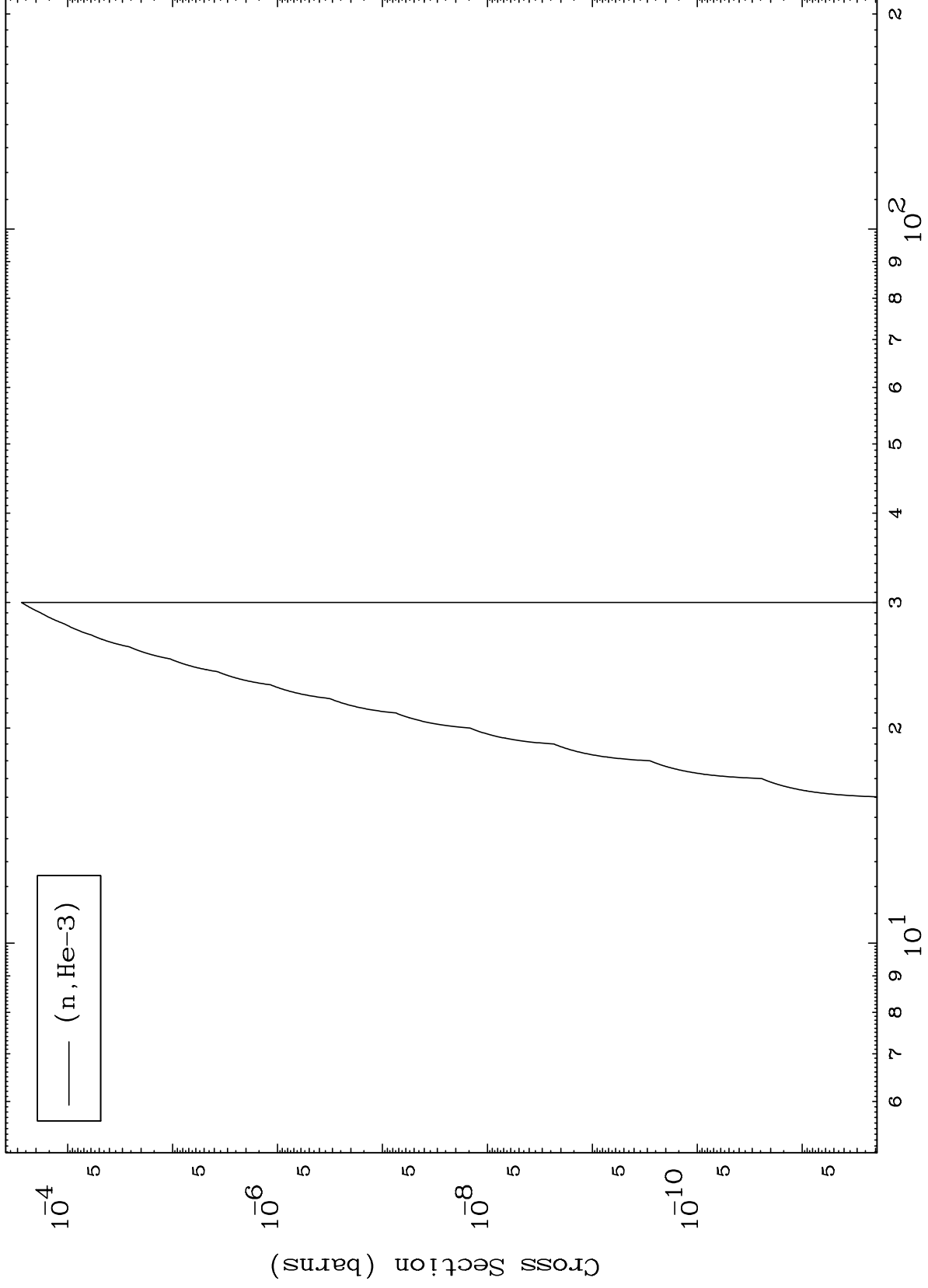
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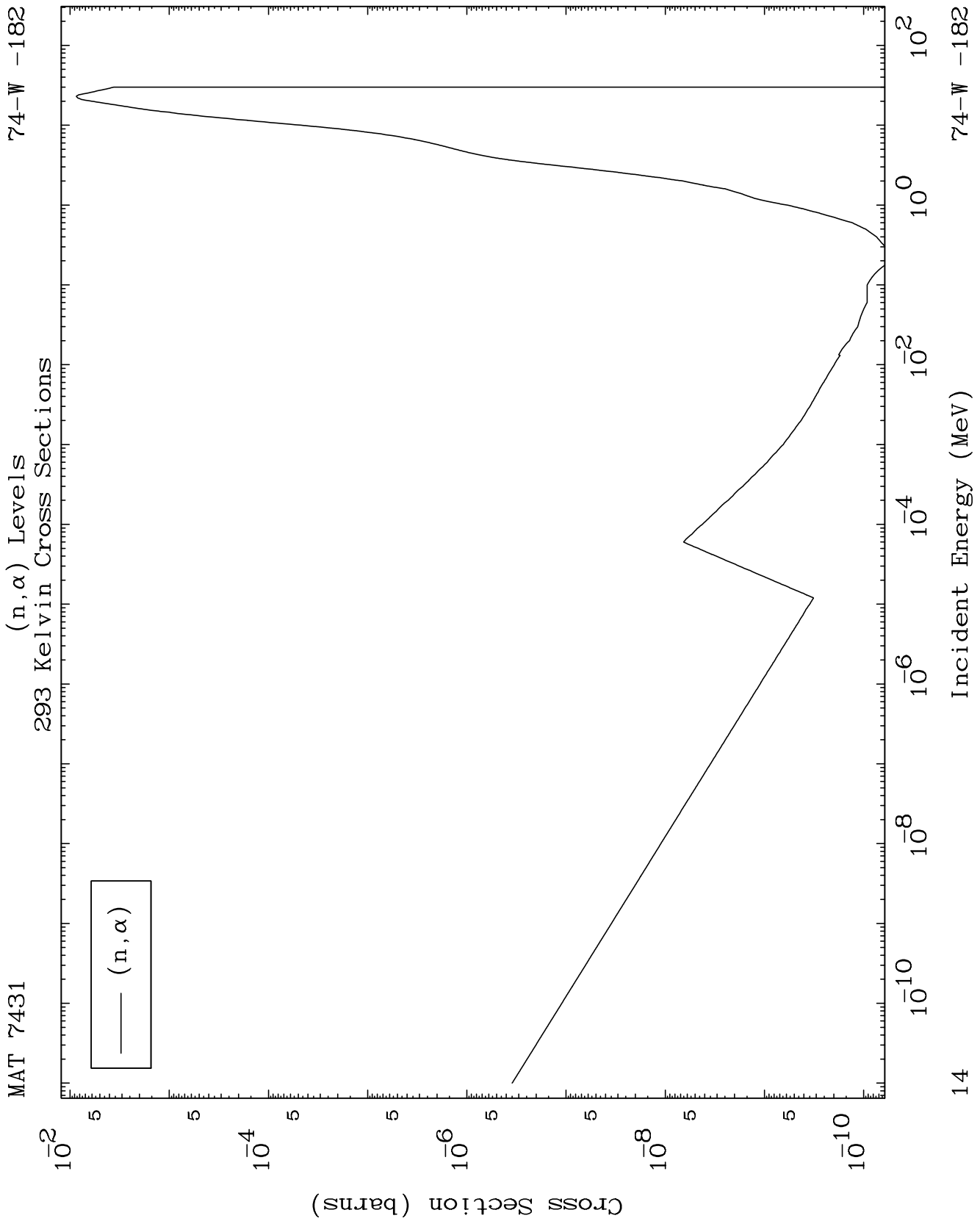


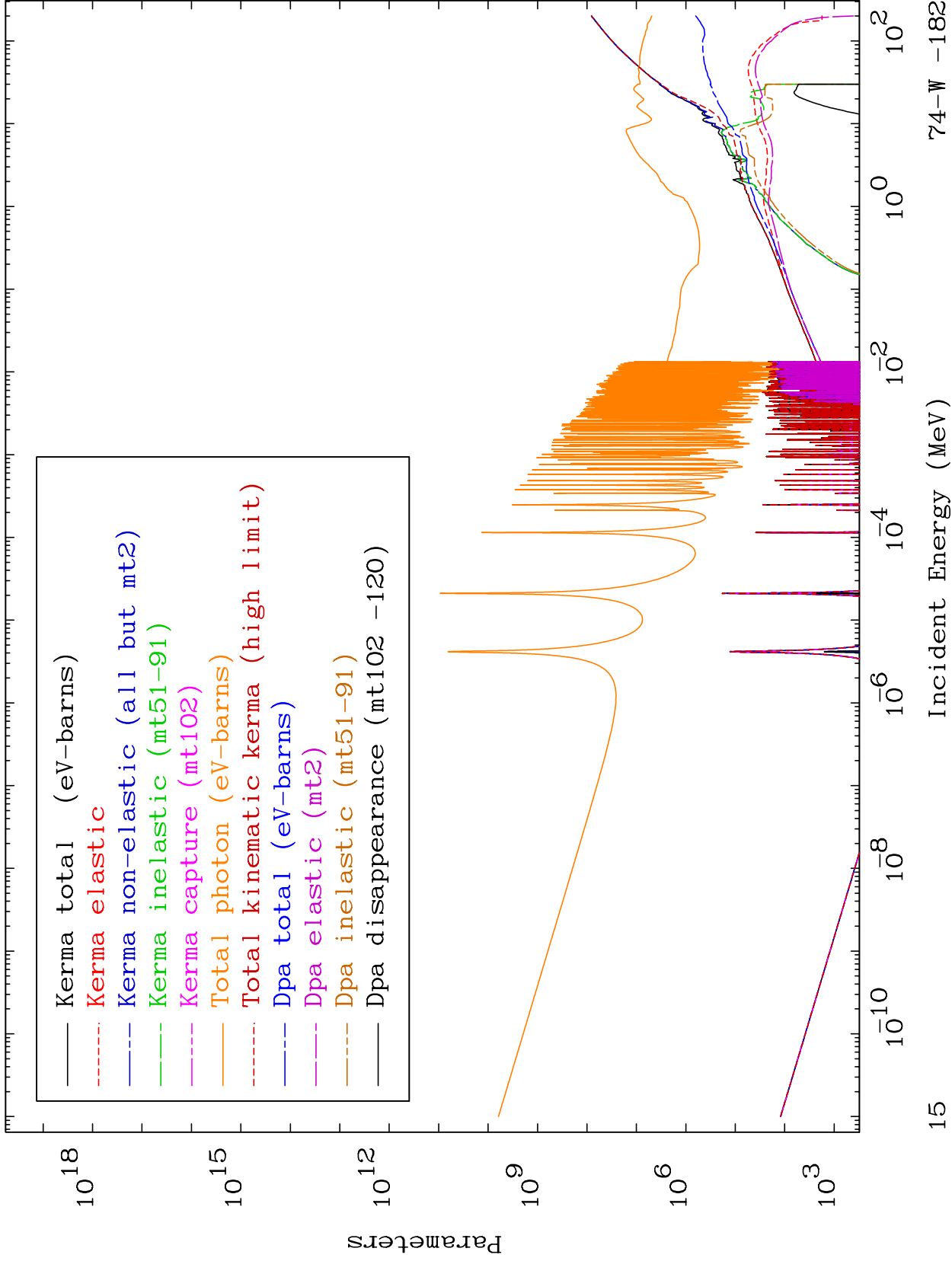
12

Incident Energy (MeV)

74-W -182



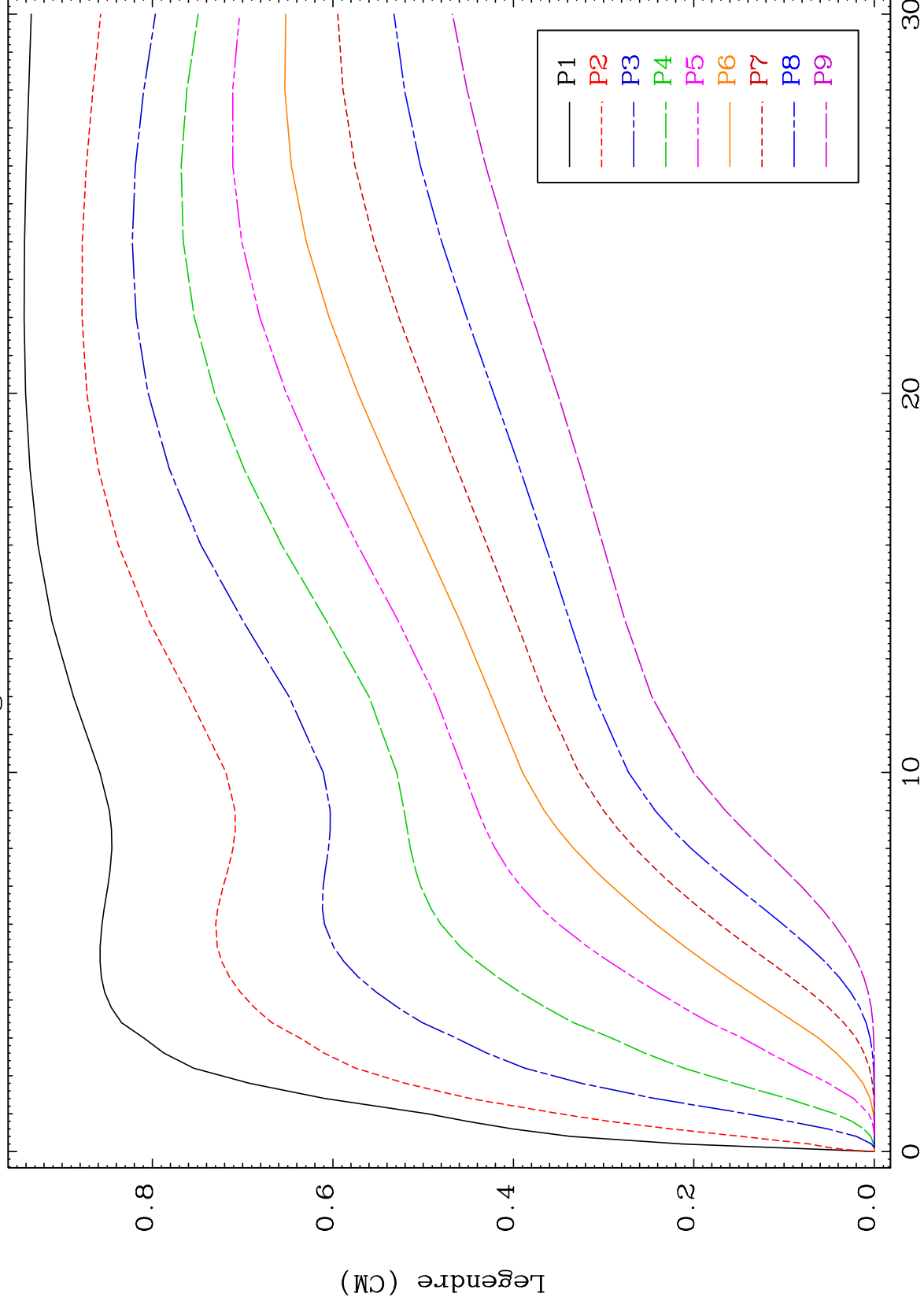




MAT 7431

Elastic Legendre Coefficients

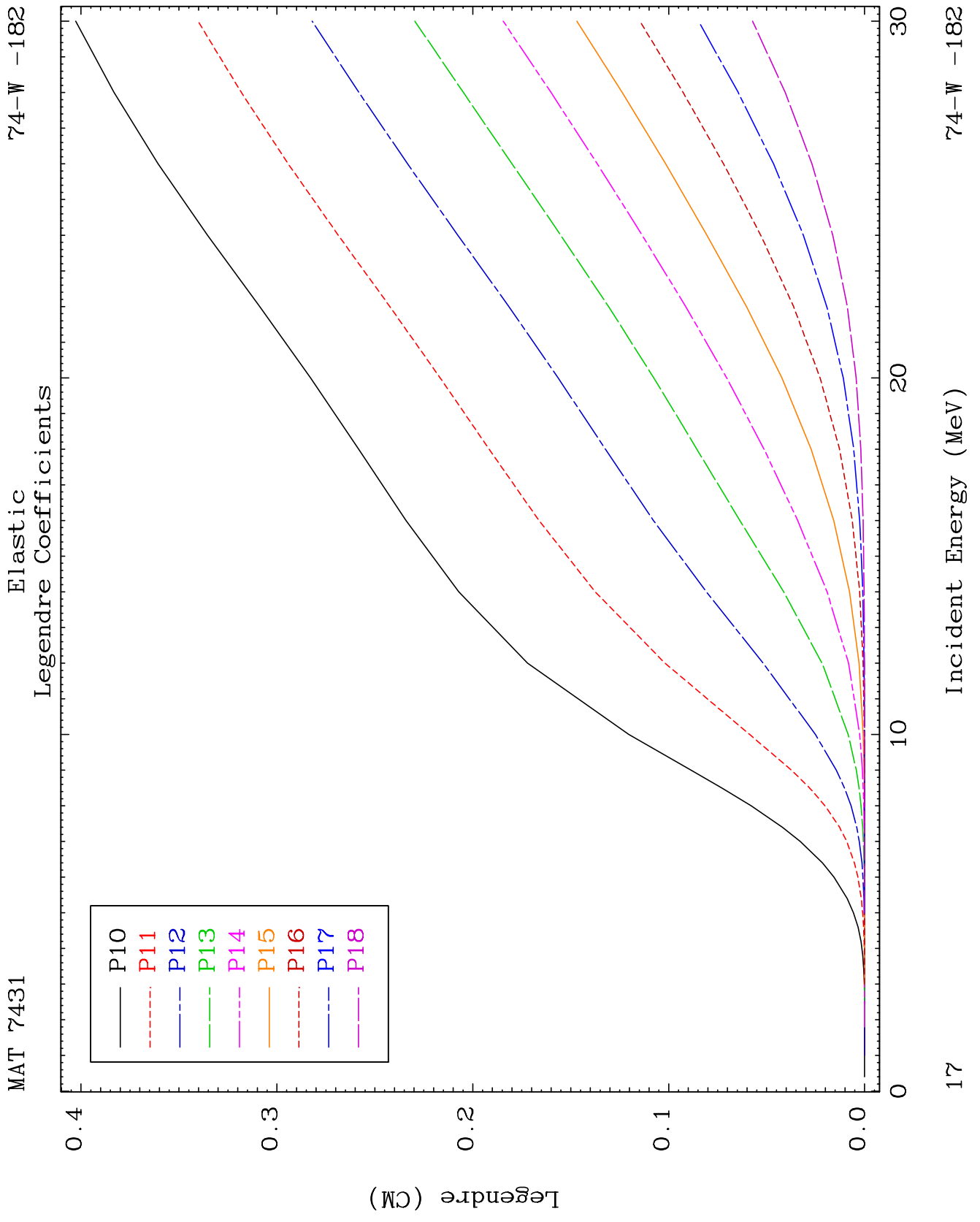
74-W -182



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Incident Energy (MeV)

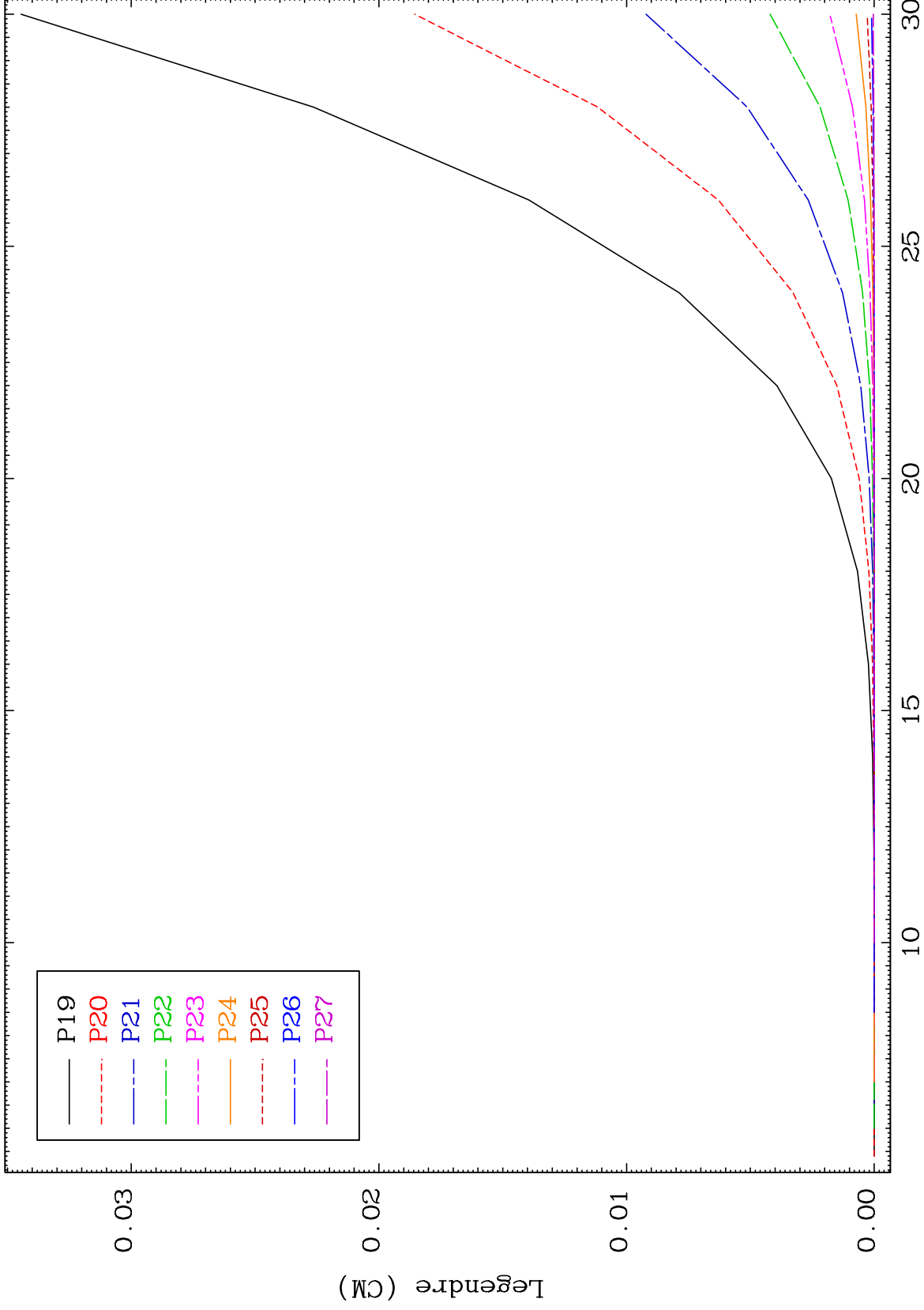
74-W -182



MAT 7431

Elastic Legendre Coefficients

74-W -182



18

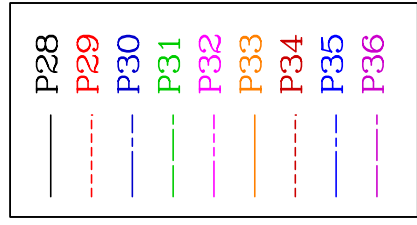
Incident Energy (MeV)

74-W -182

MAT 7431

Elastic Legendre Coefficients

74-W -182



$\times 10^{-5}$
Legendre (CM)
1.2
1.0
0.8
0.6
0.4
0.2
0.0

10 15 20 25 30

19

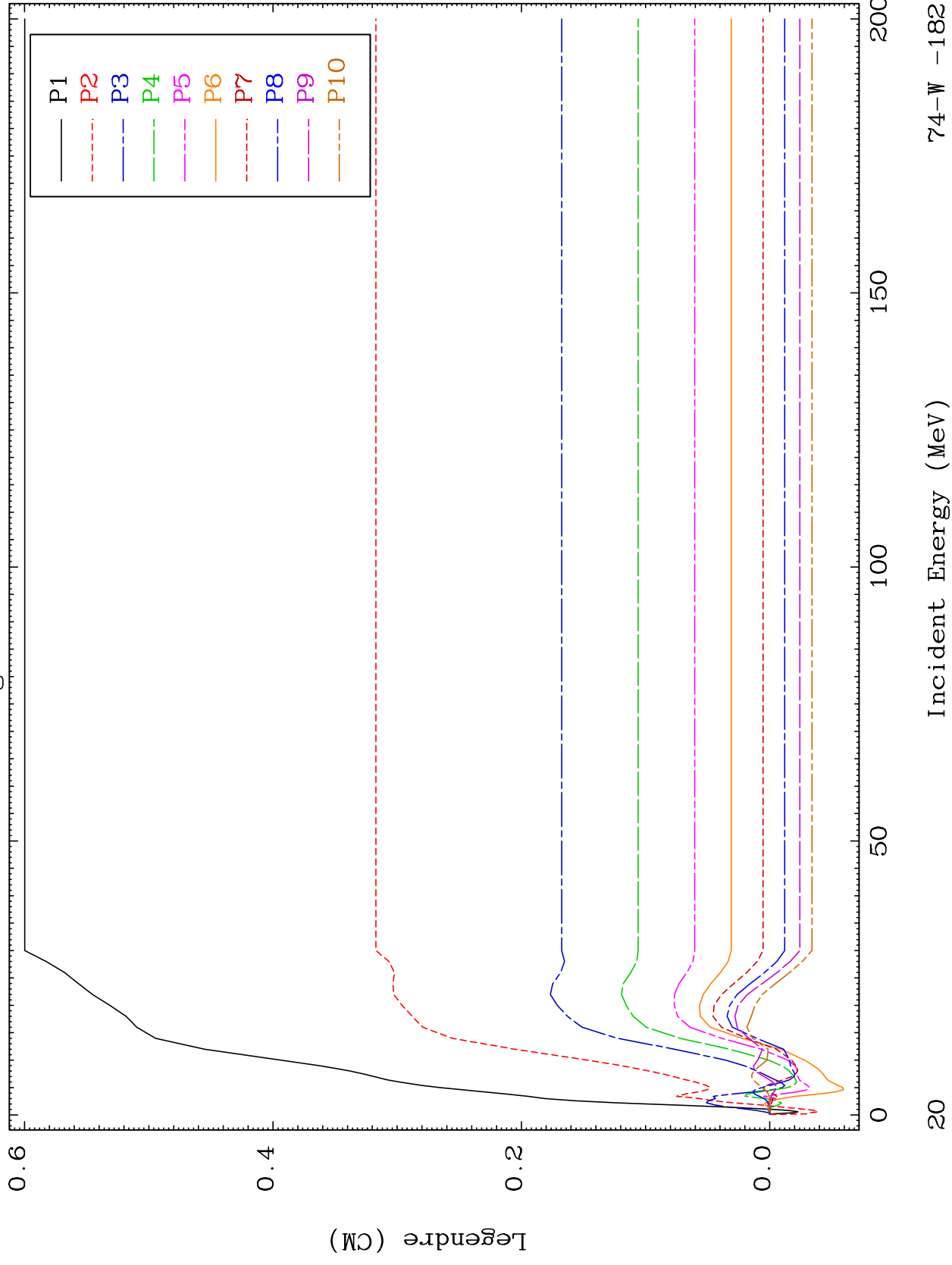
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



74-W -182

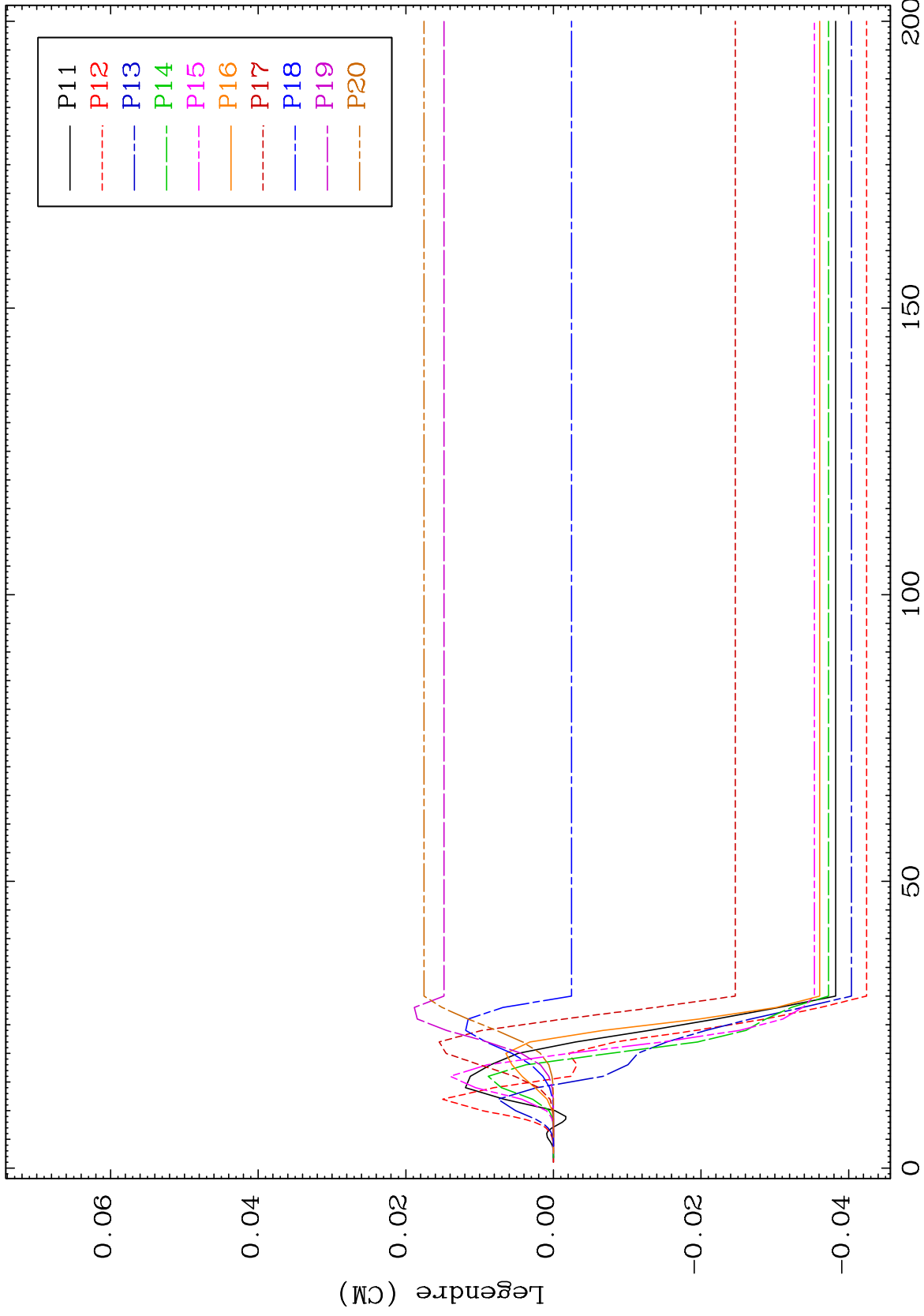
Incident Energy (MeV)

20

MAT 7431

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

74-W -182



21

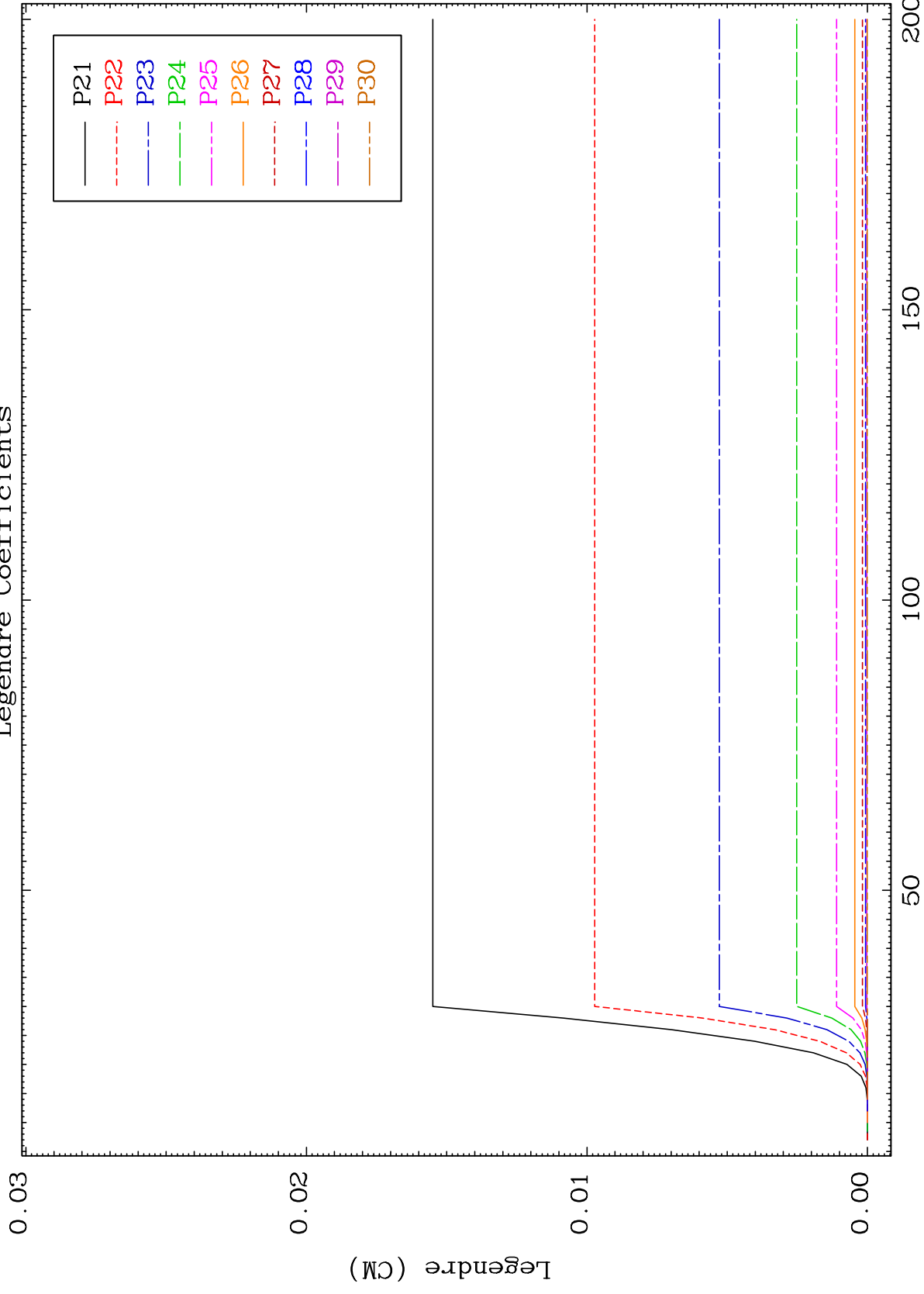
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



22

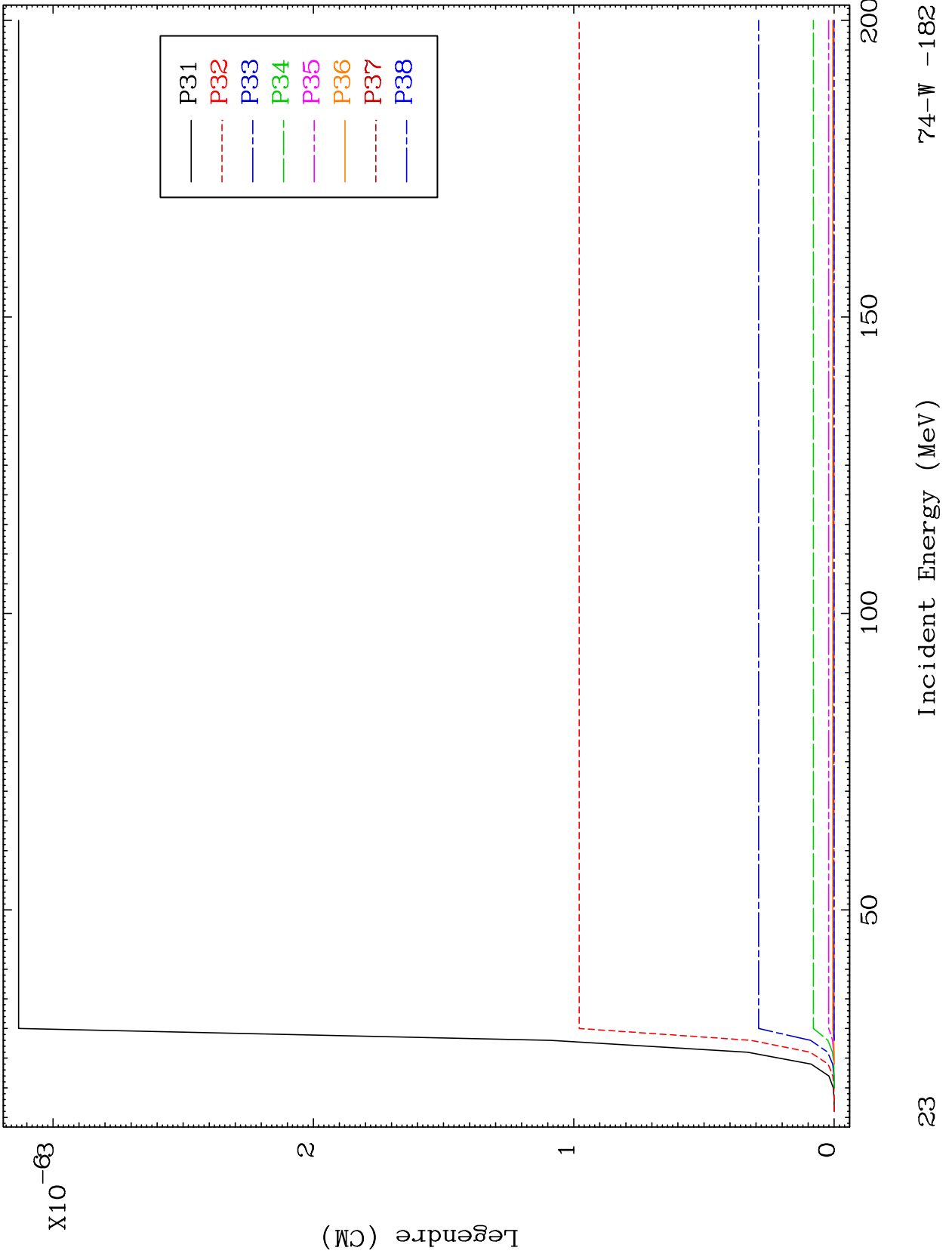
Incident Energy (MeV)

74-W -182

MAT 7431

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

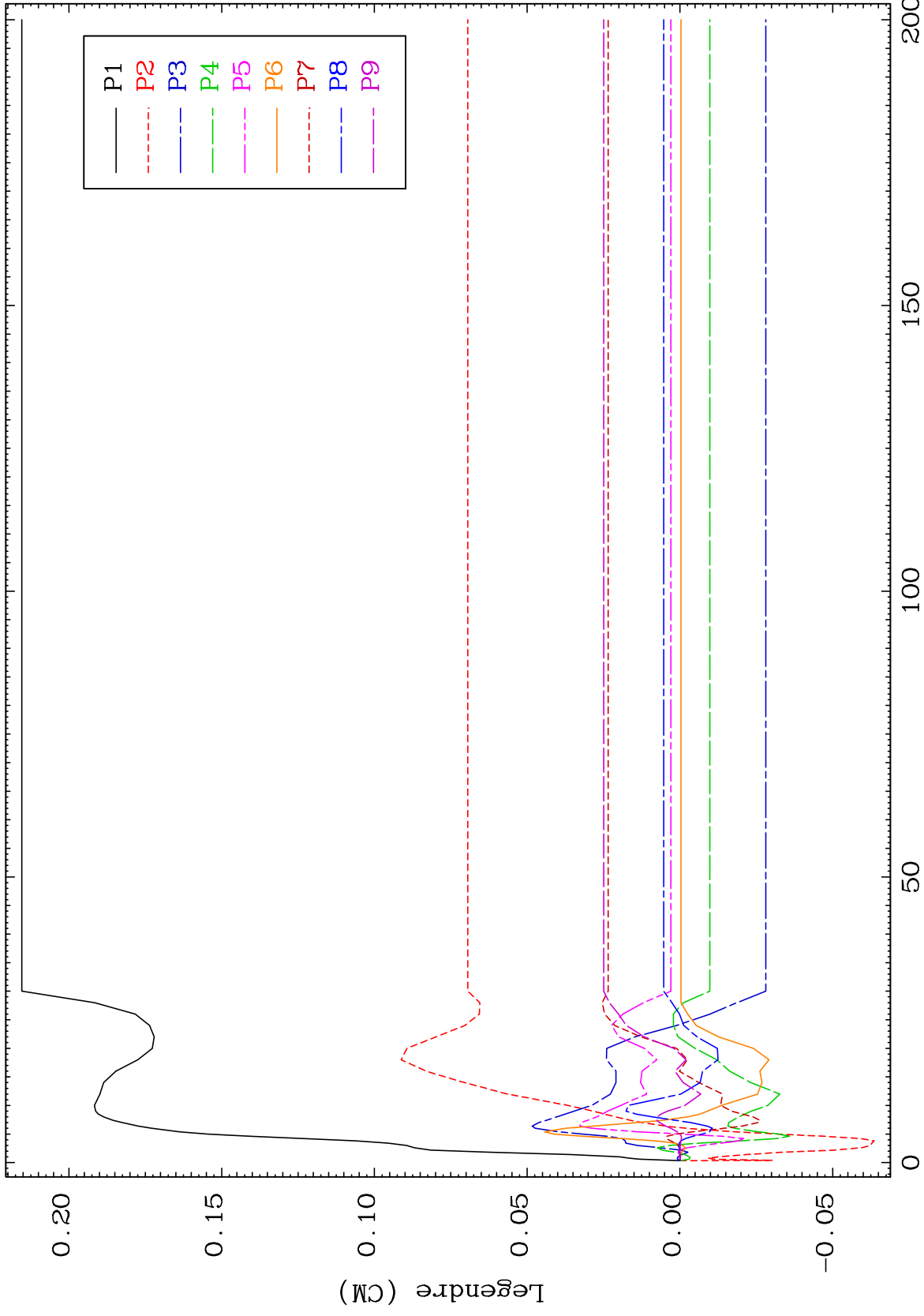
74-W -182

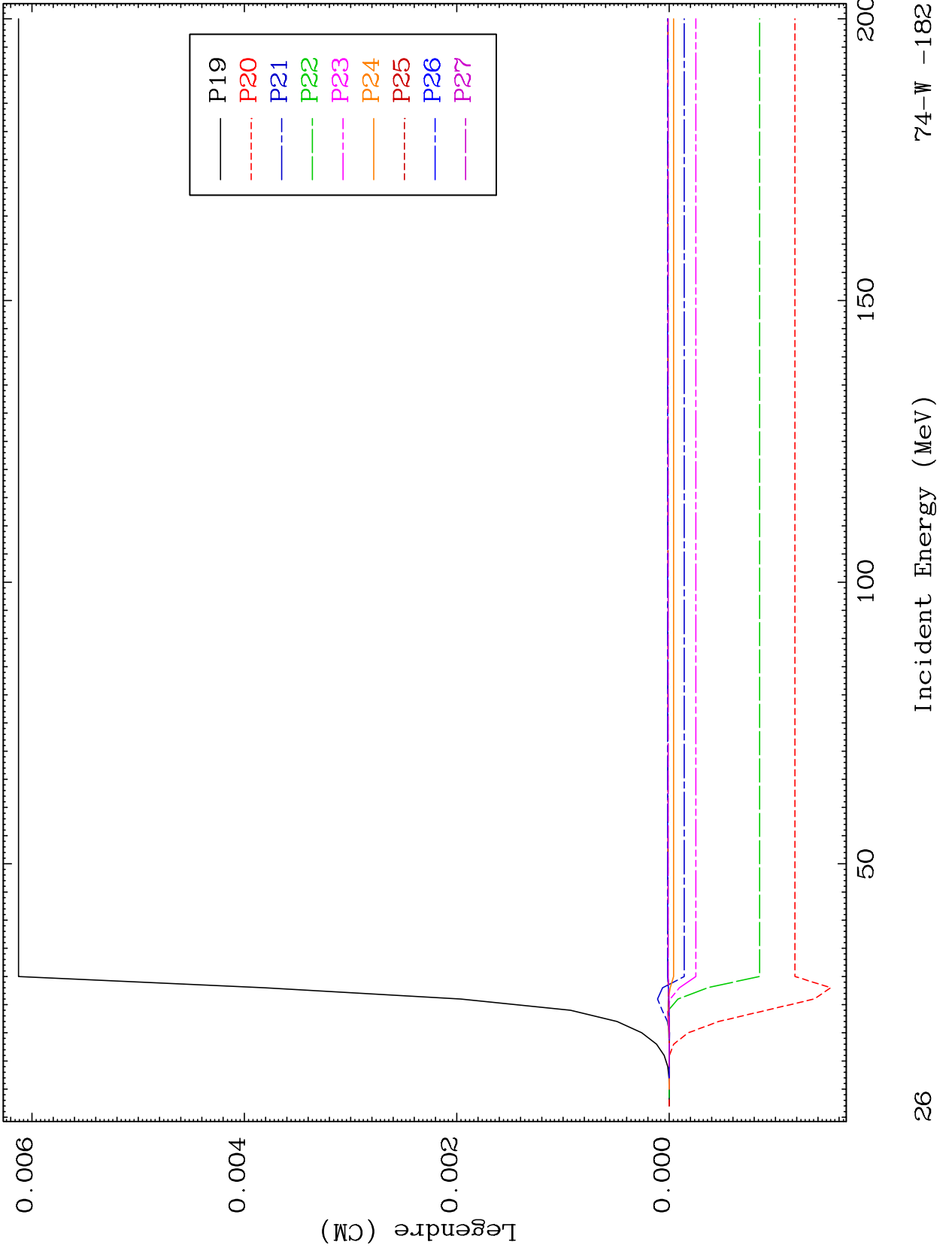


23

Incident Energy (MeV)

74-W -182

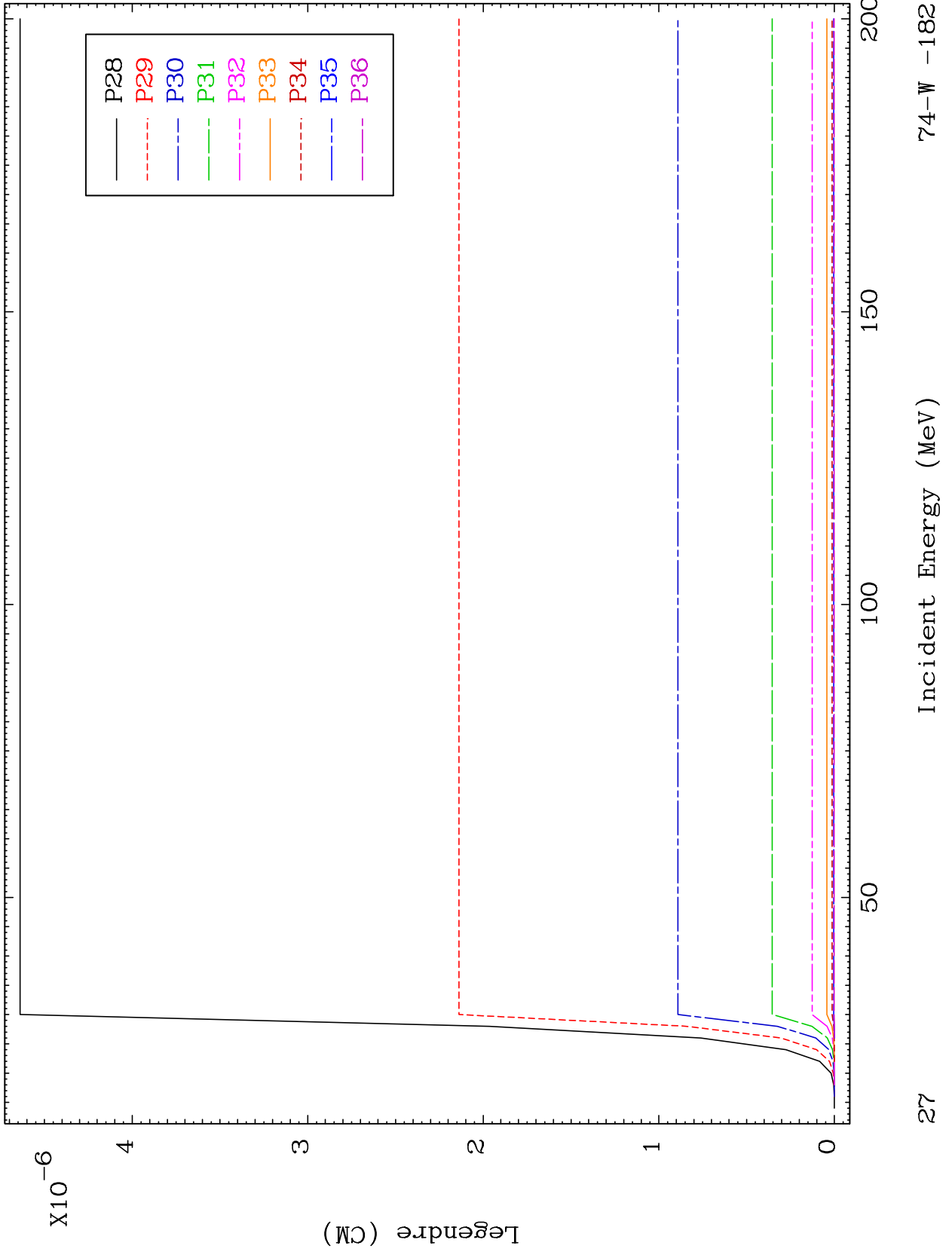




MAT 7431

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

74-W -182



27

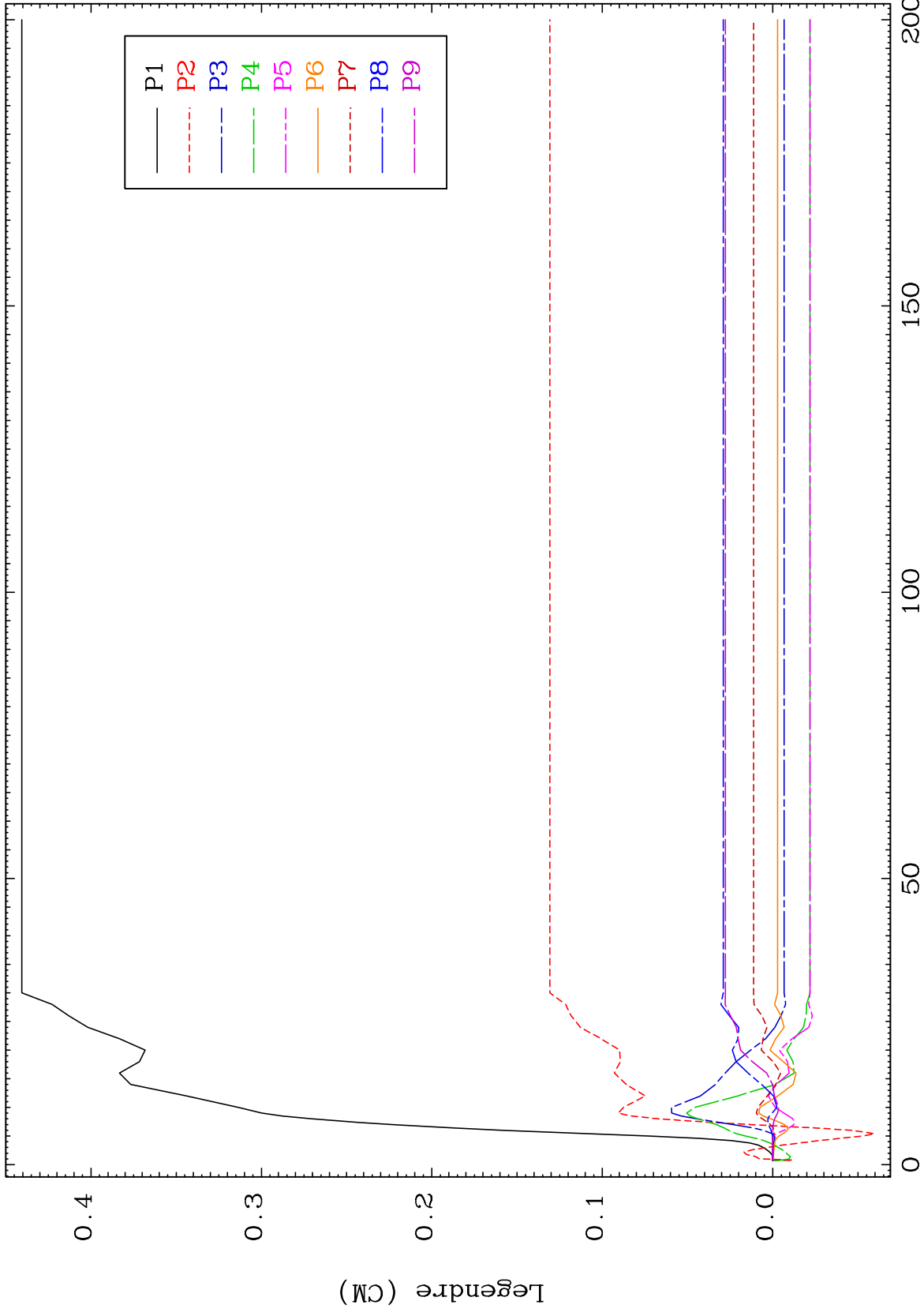
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



28

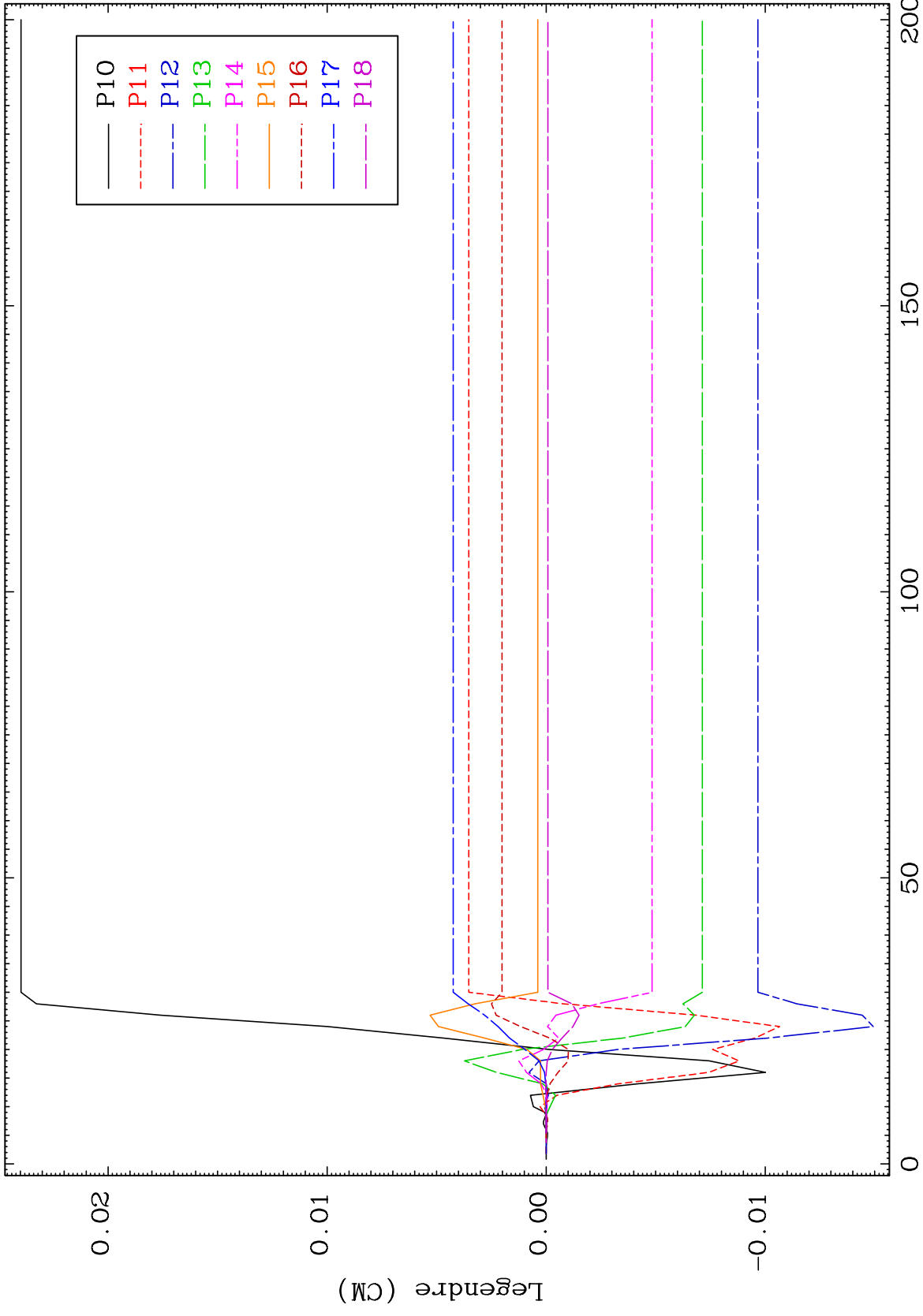
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



29

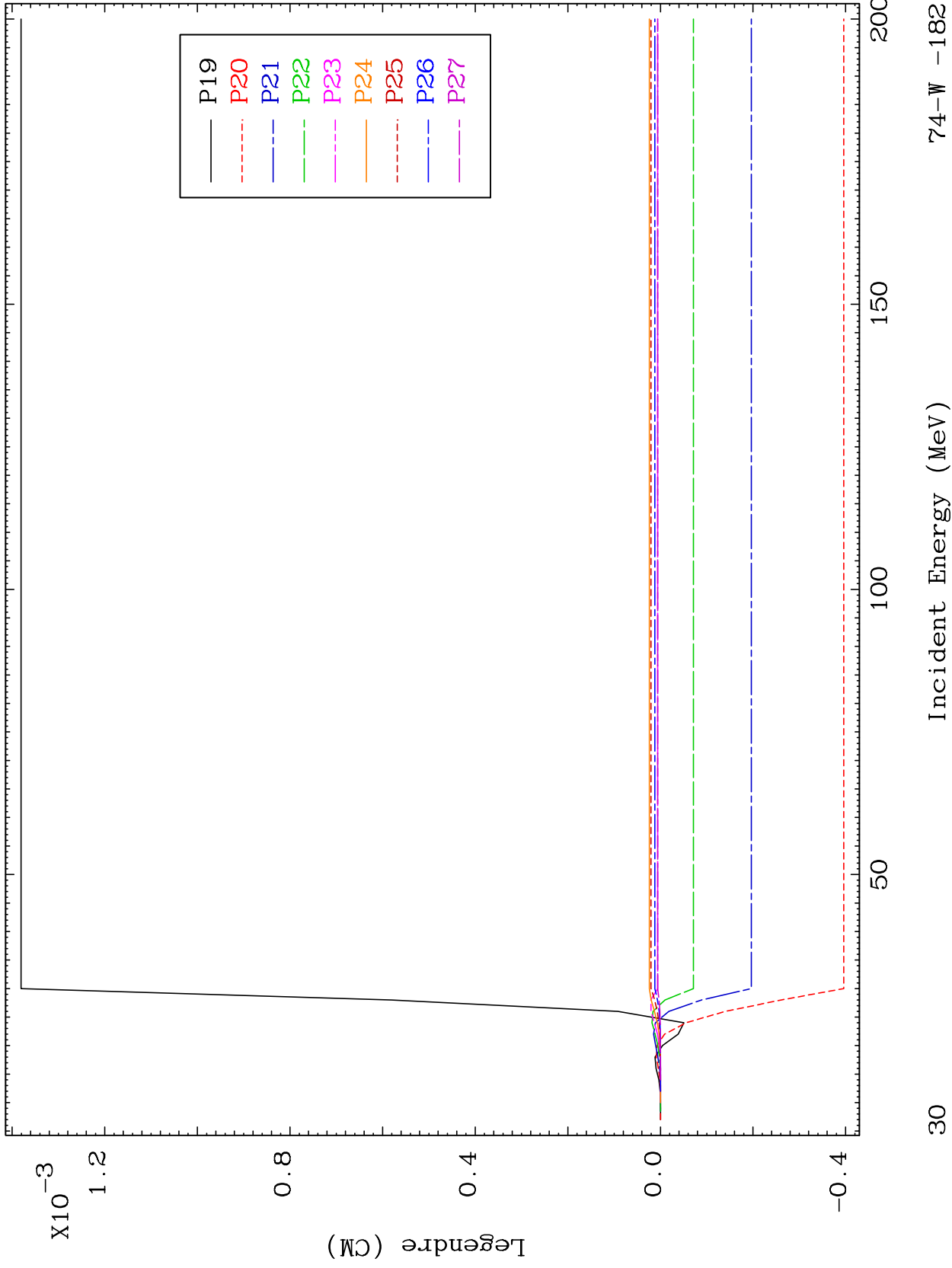
Incident Energy (MeV)

74-W -182

MAT 7431

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

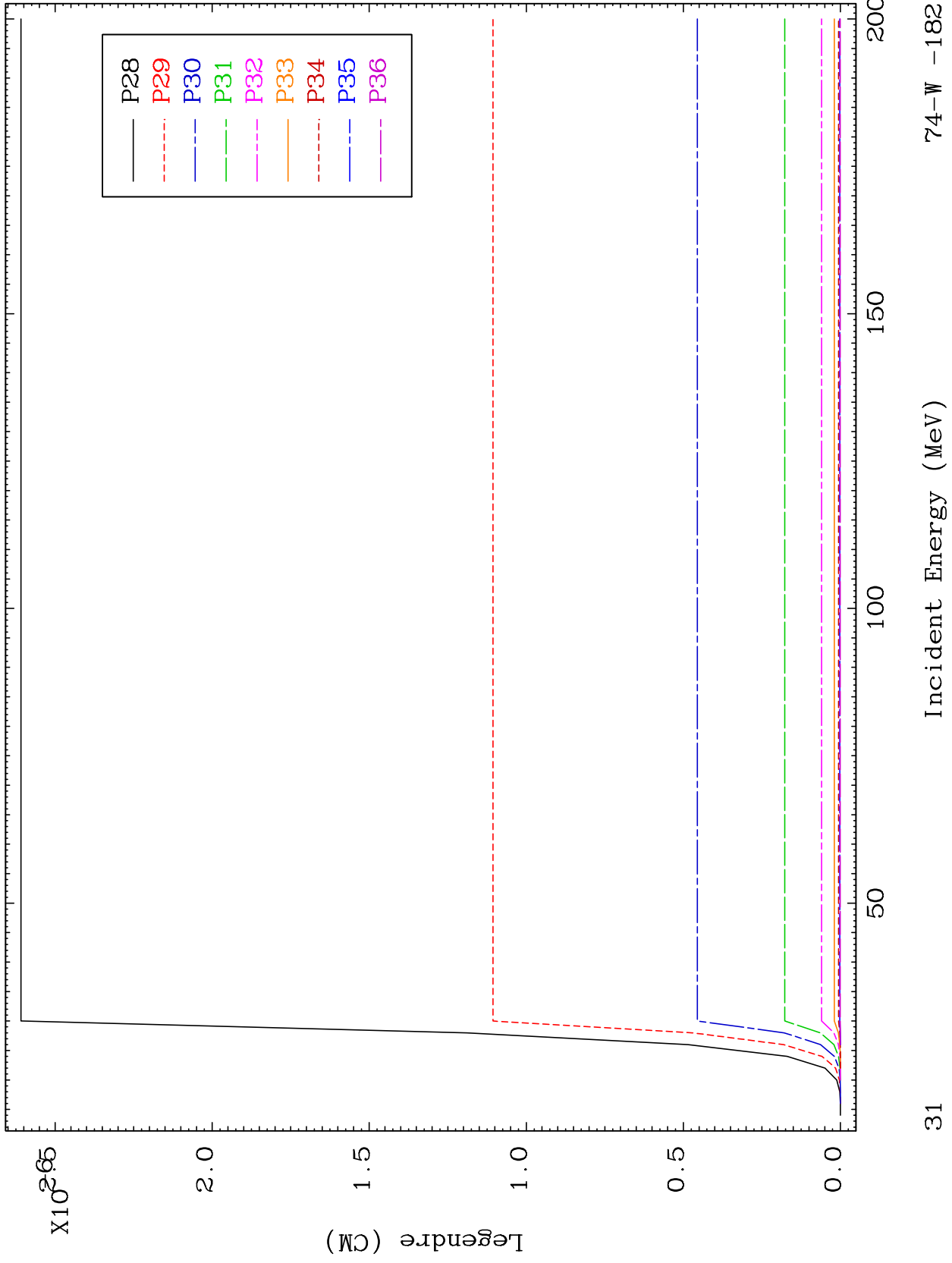
74-W -182



74-W -182

Incident Energy (MeV)

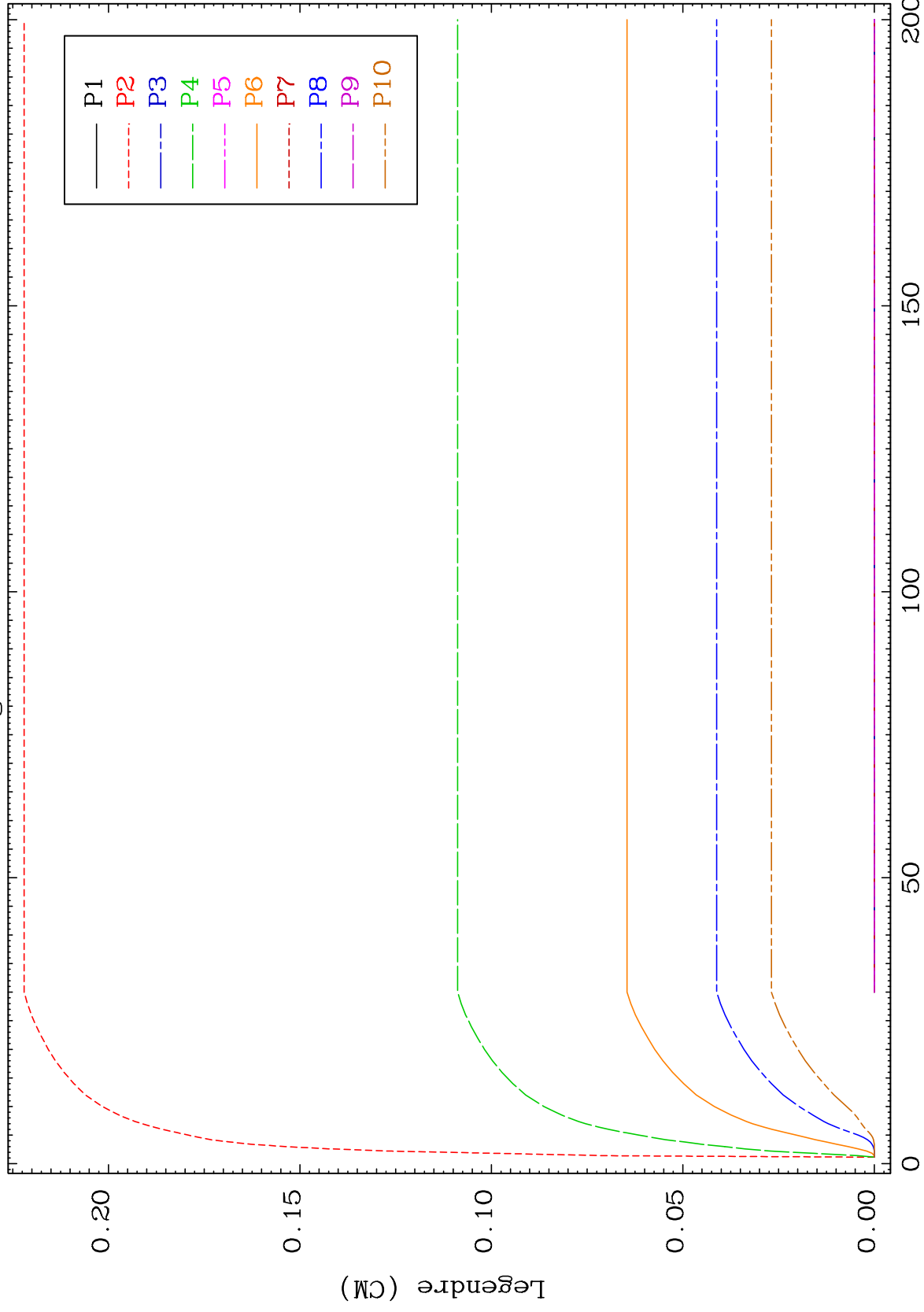
30



MAT 7431

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

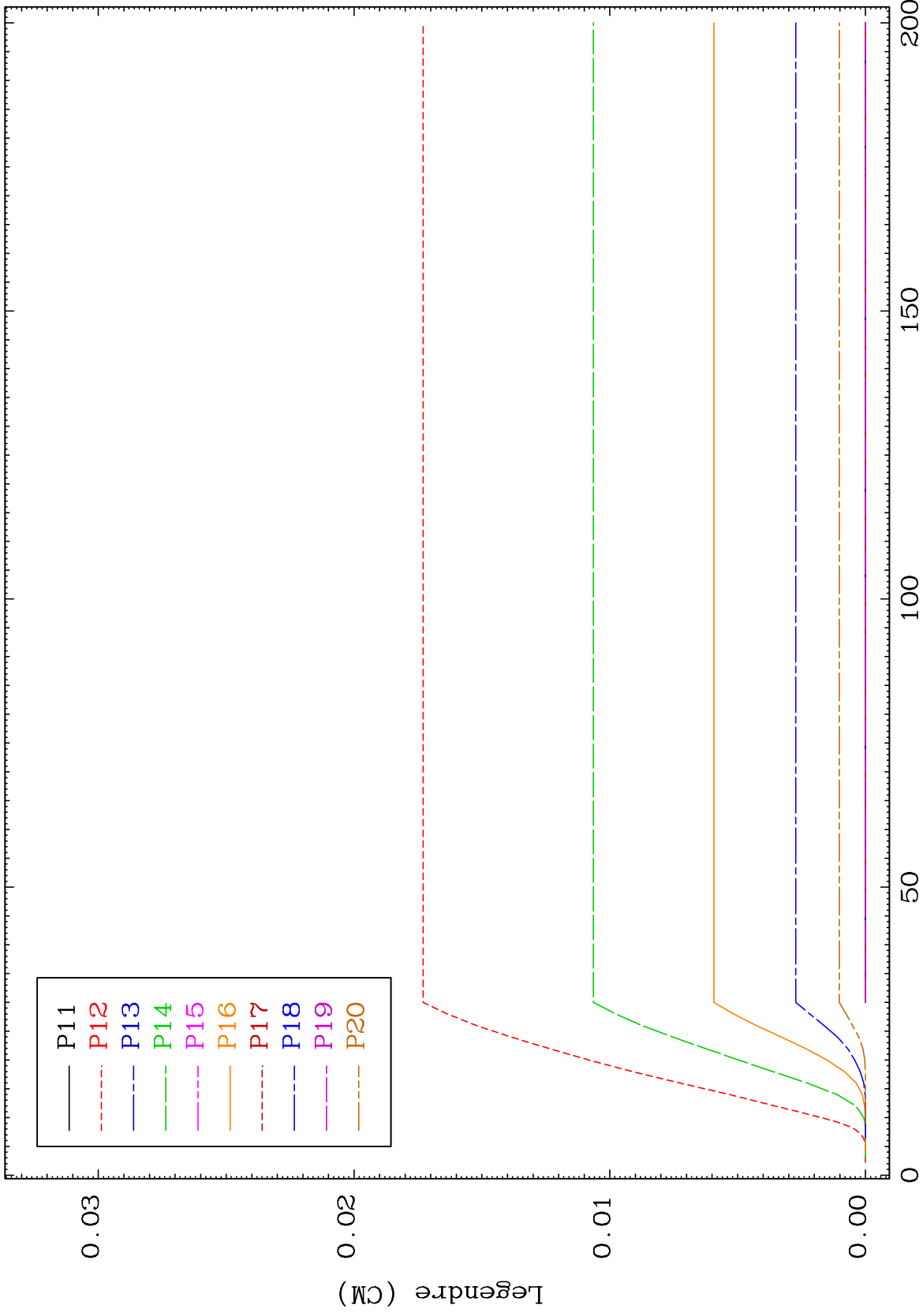
74-W -182



74-W -182

Incident Energy (MeV)

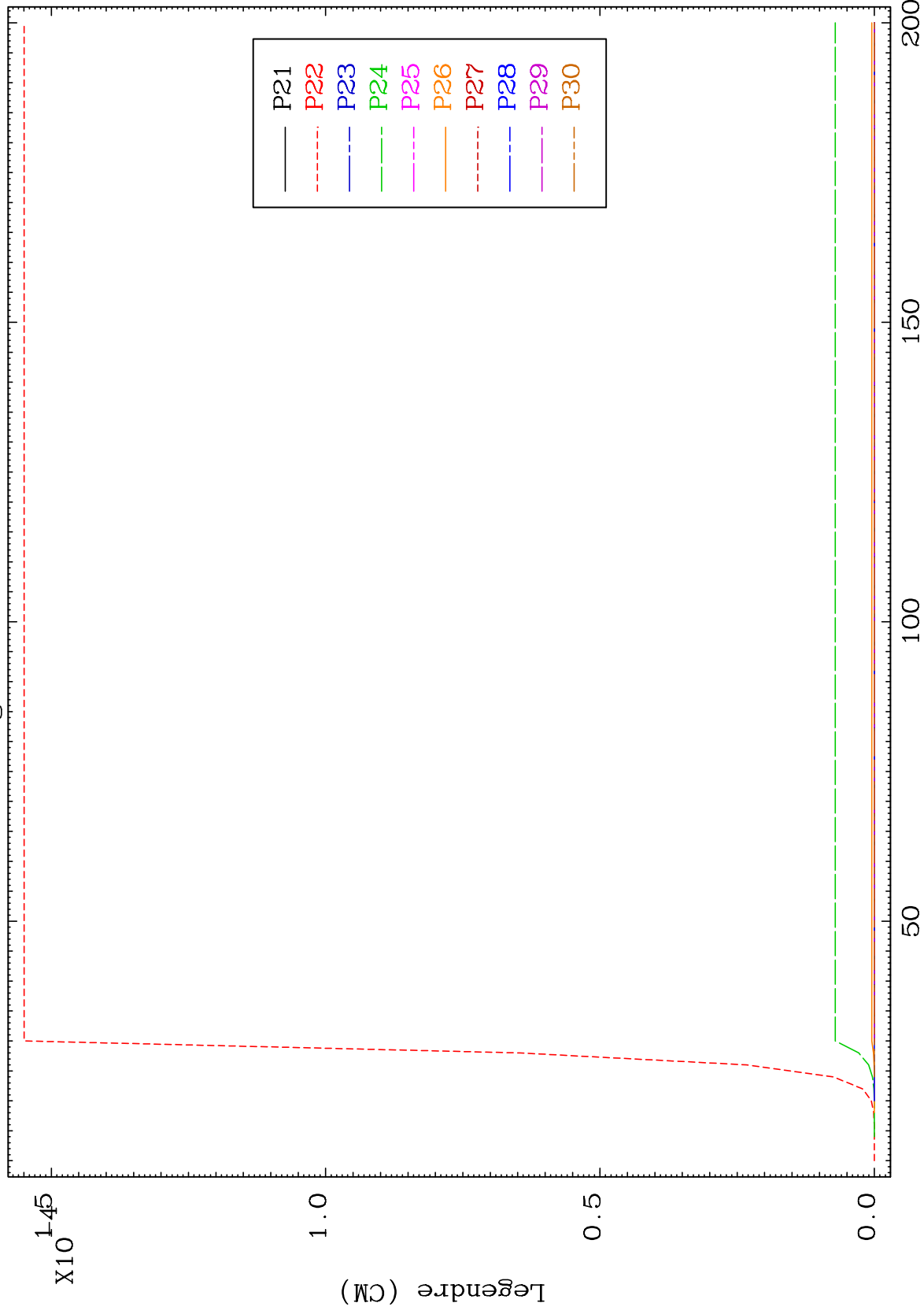
32



MAT 7431

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

74-W -182



34

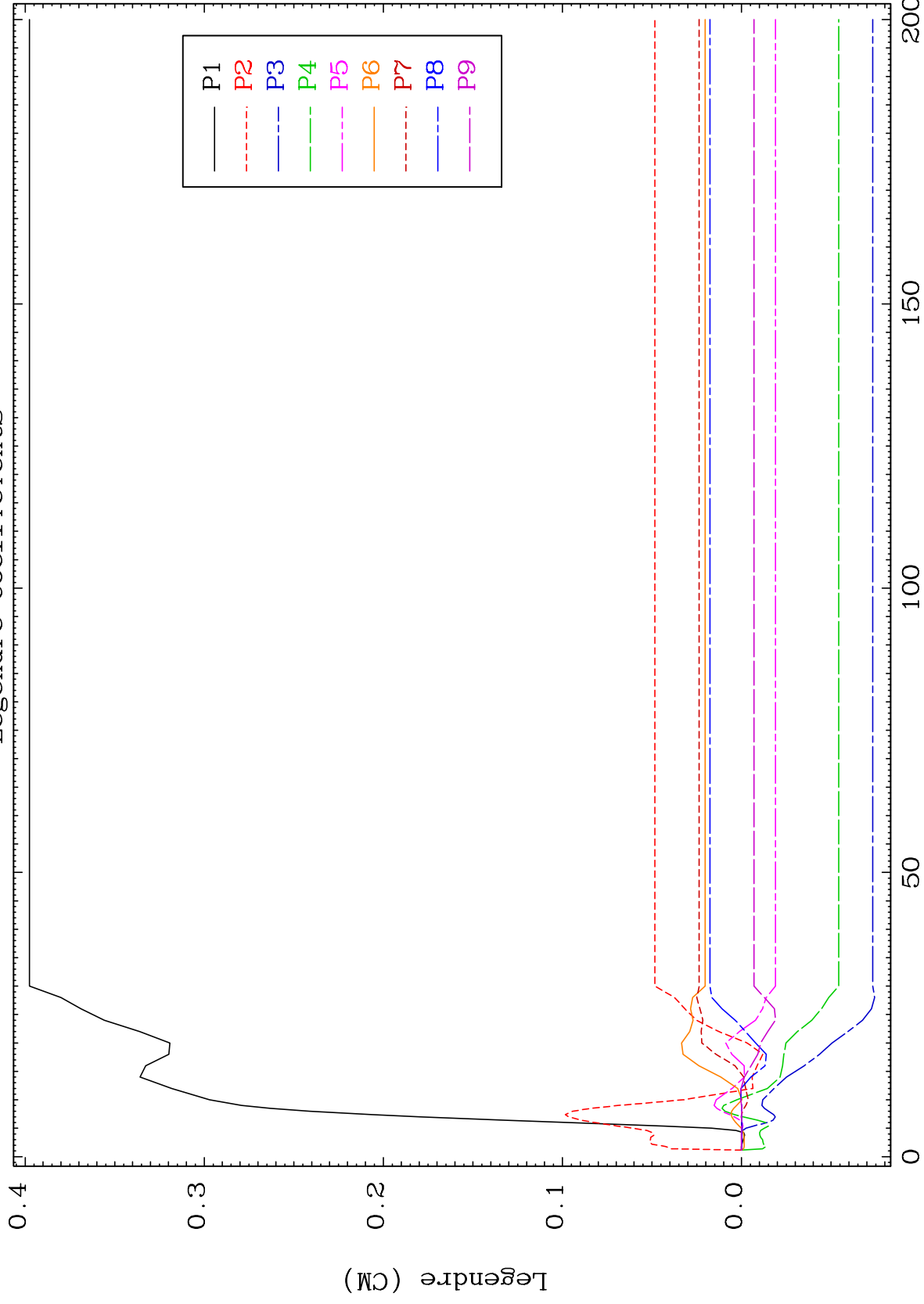
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



35

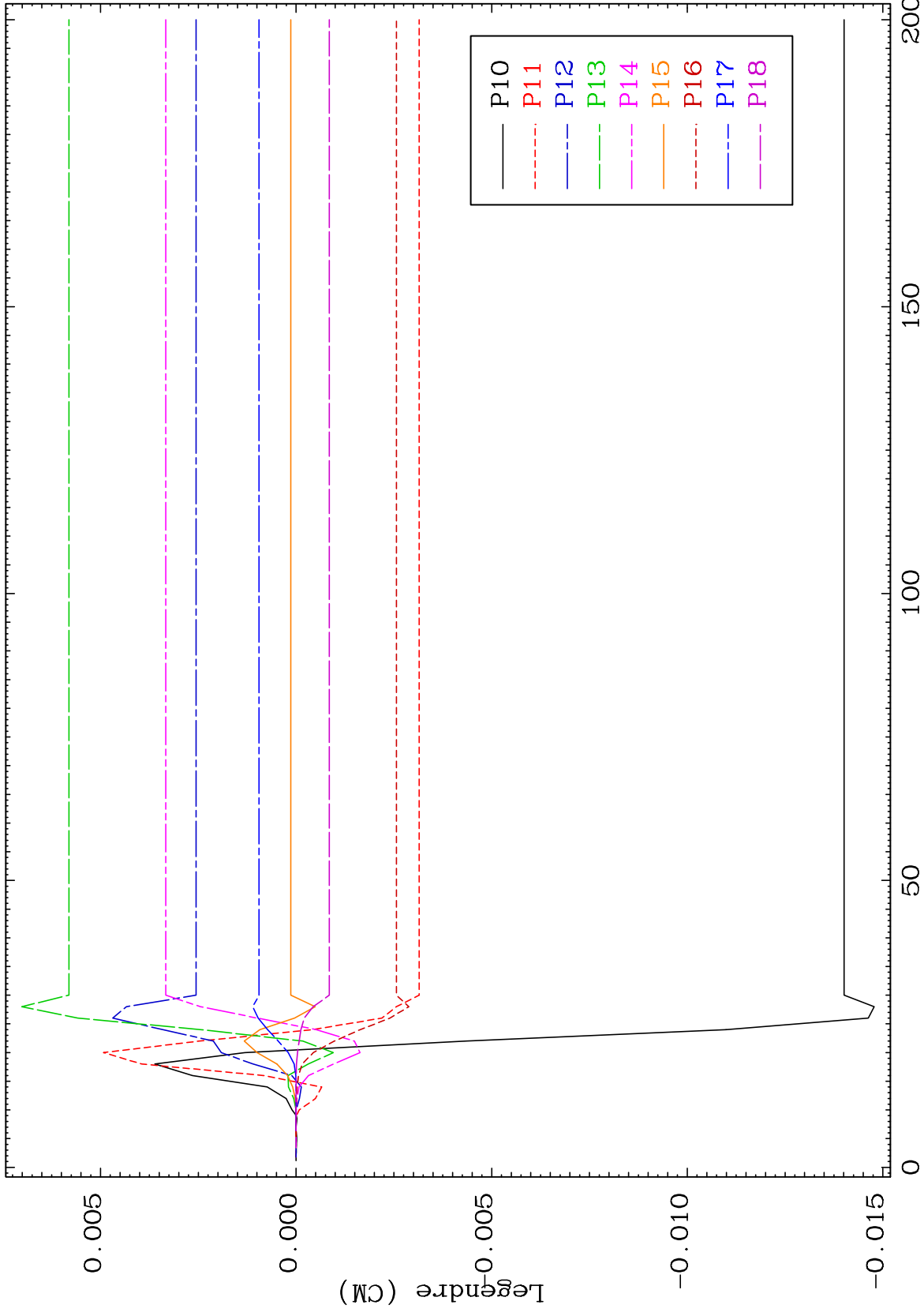
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



36

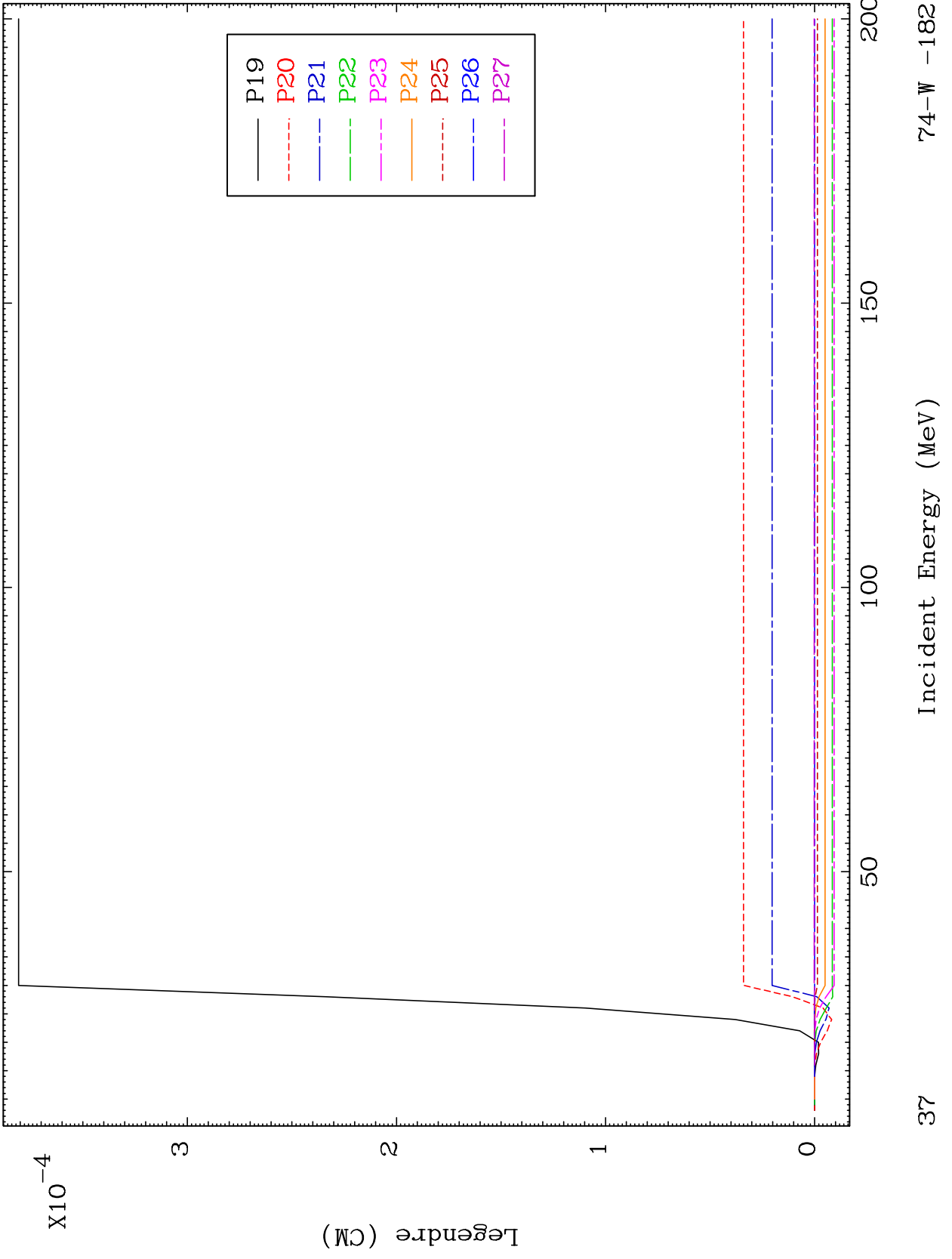
Incident Energy (MeV)

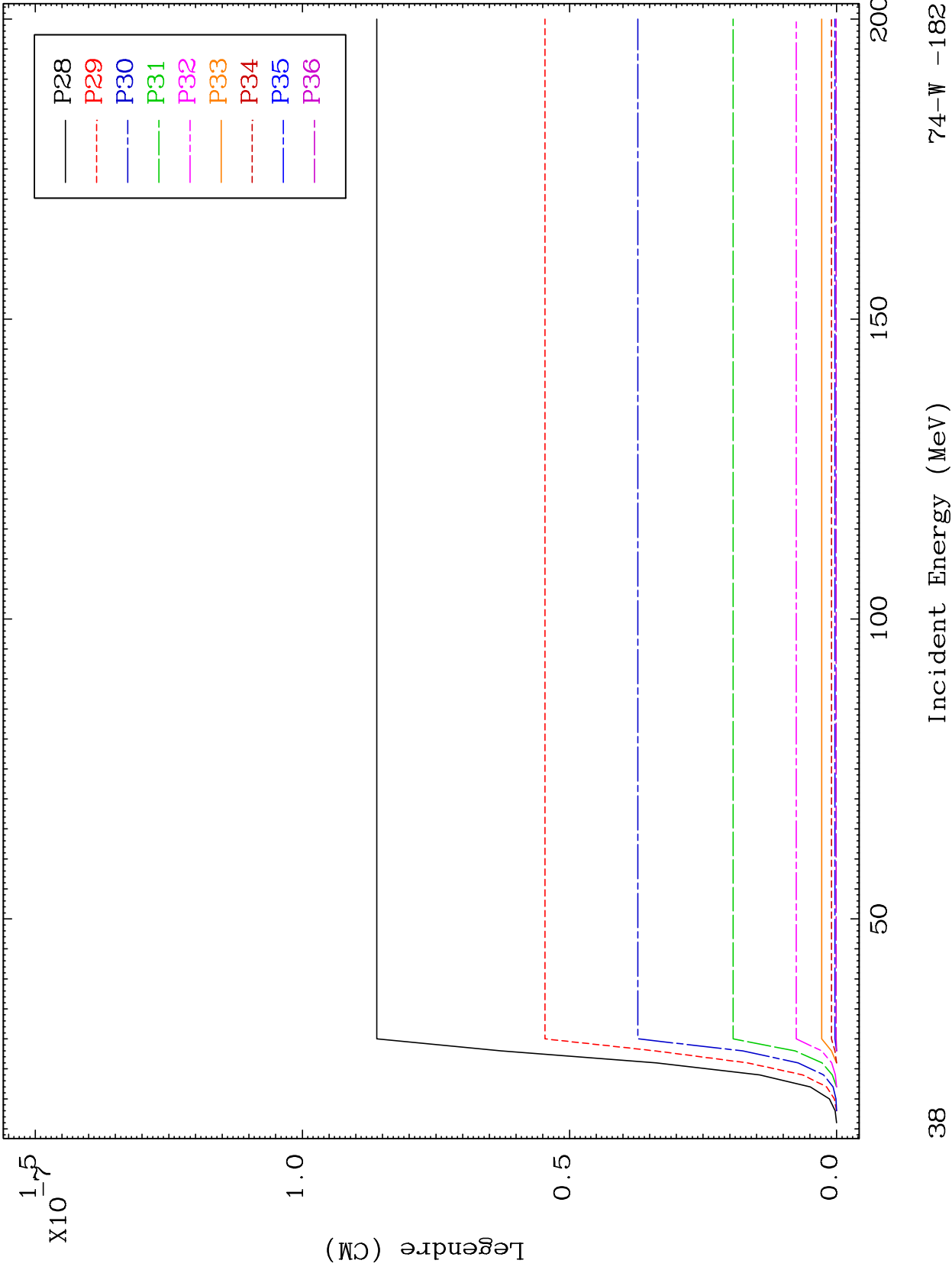
74-W -182

MAT 7431

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

74-W -182

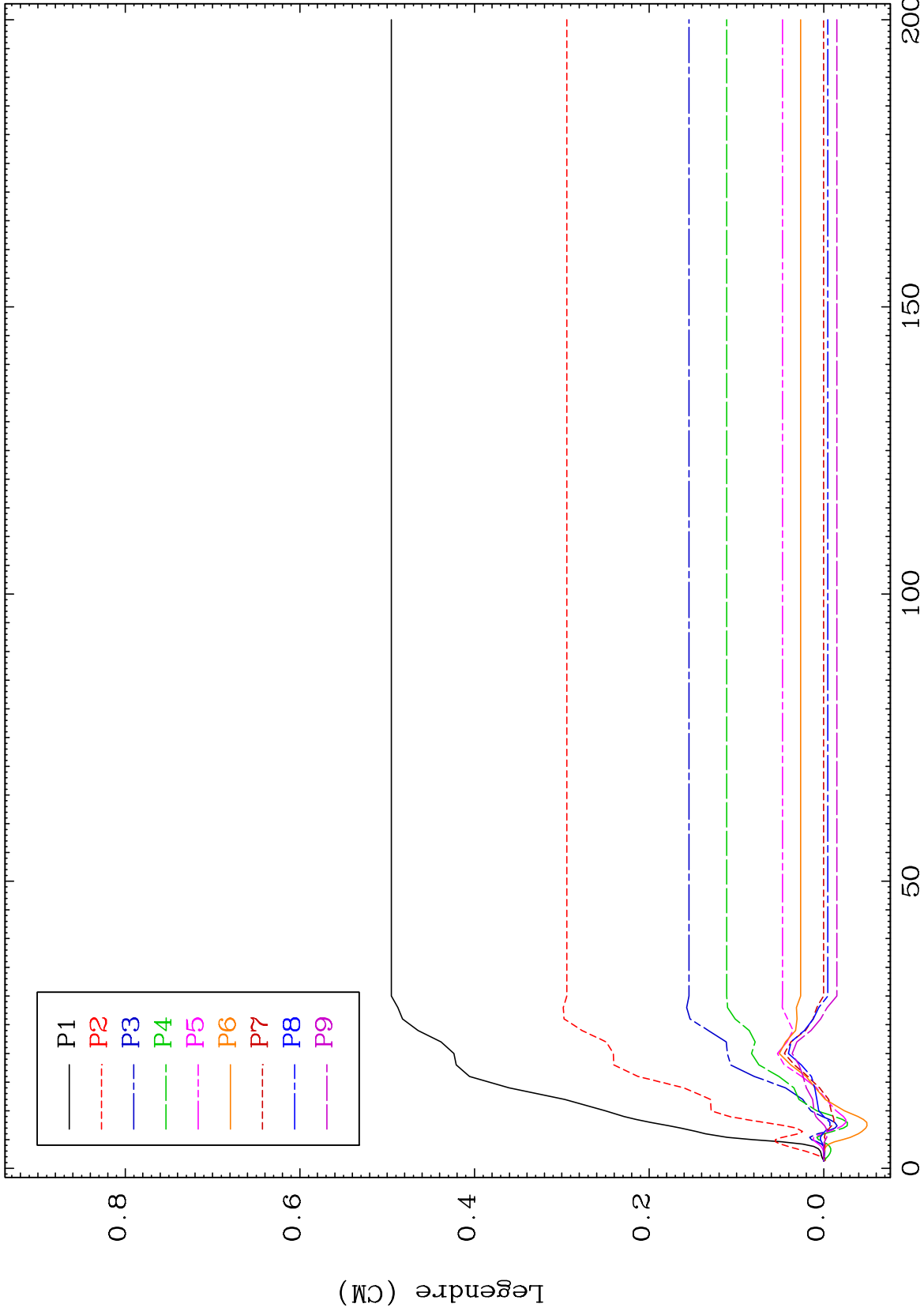




MAT 7431

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

74-W -182



39

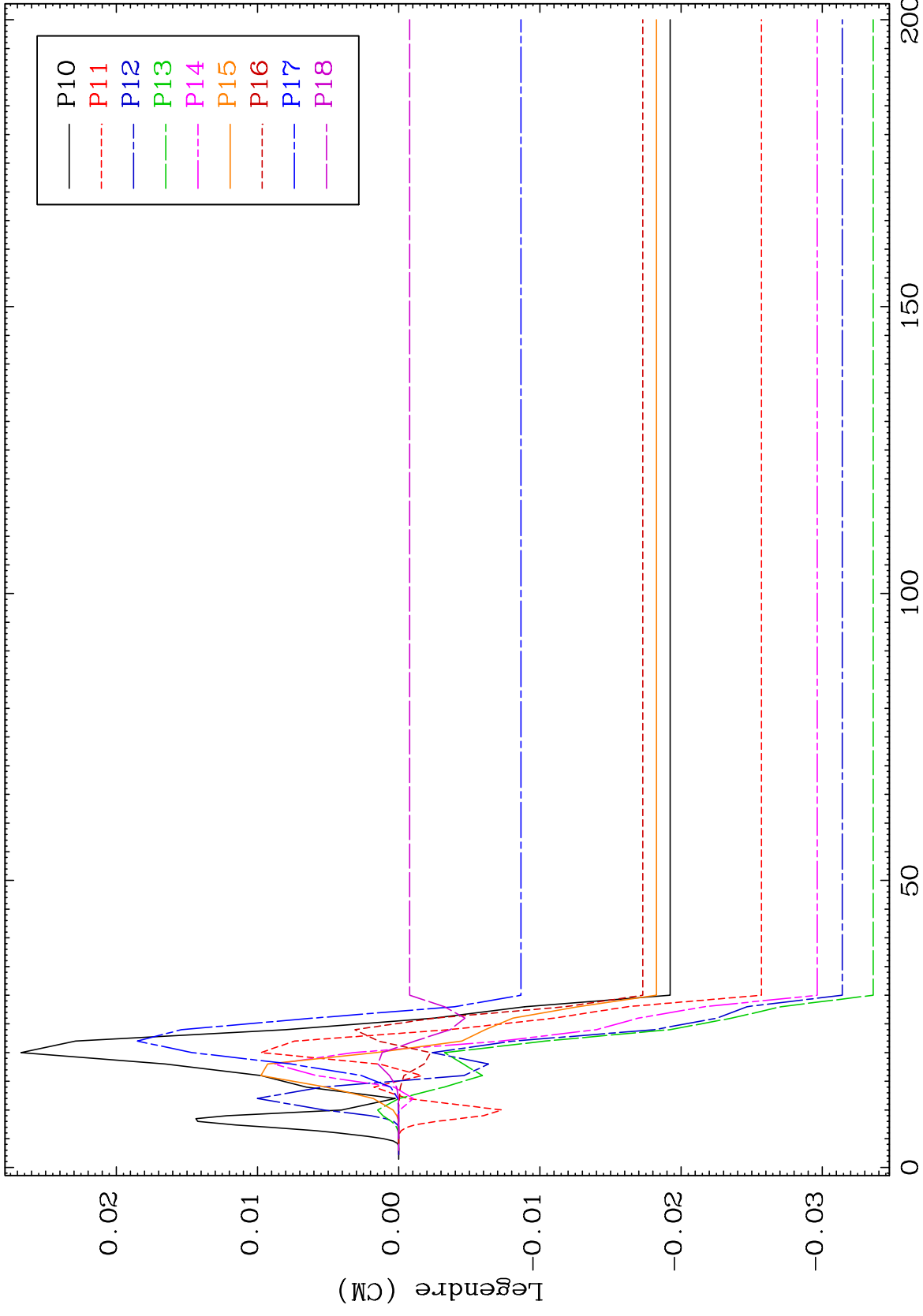
Incident Energy (MeV)

74-W -182

MAT 7431

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

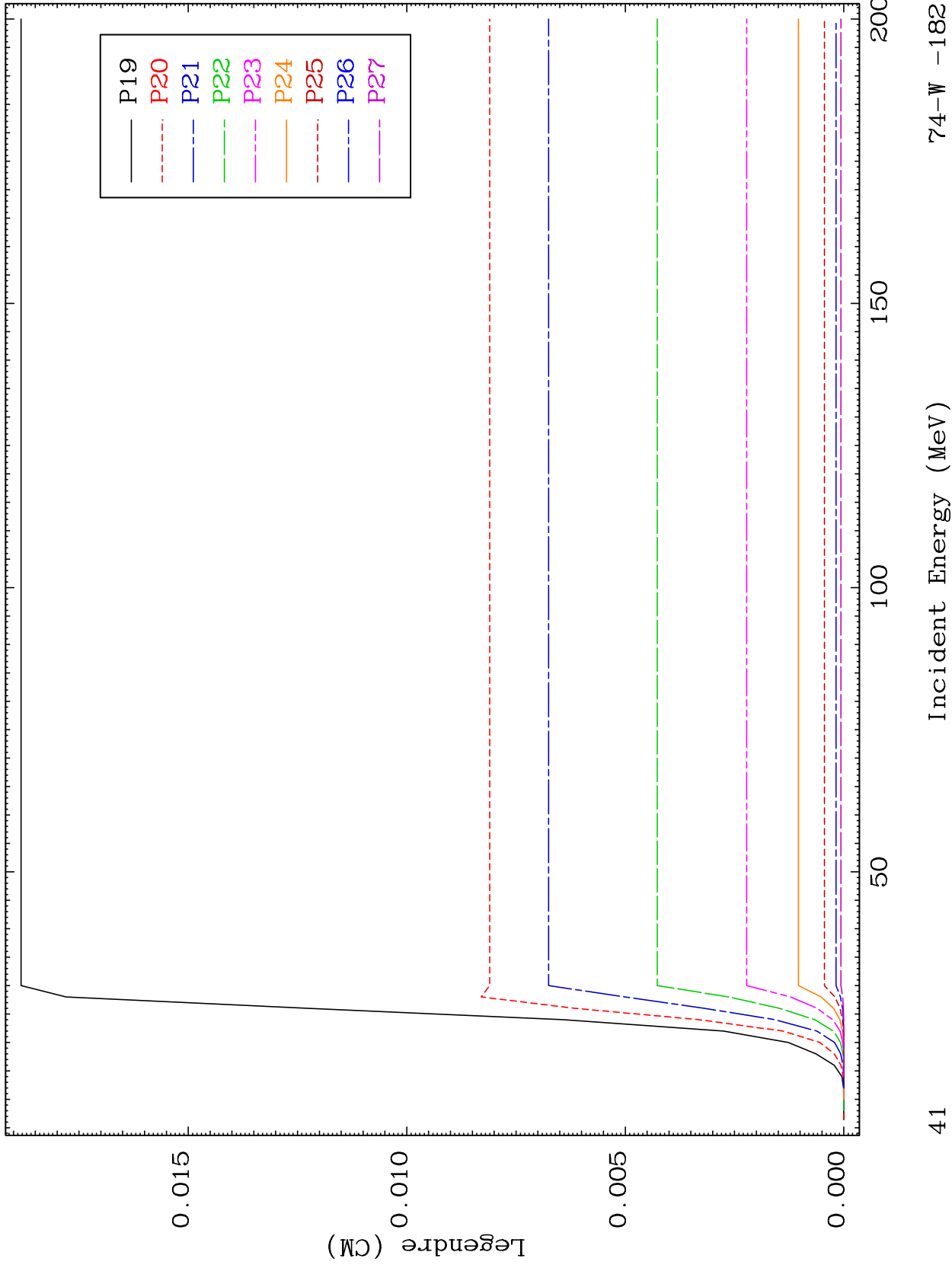
74-W -182

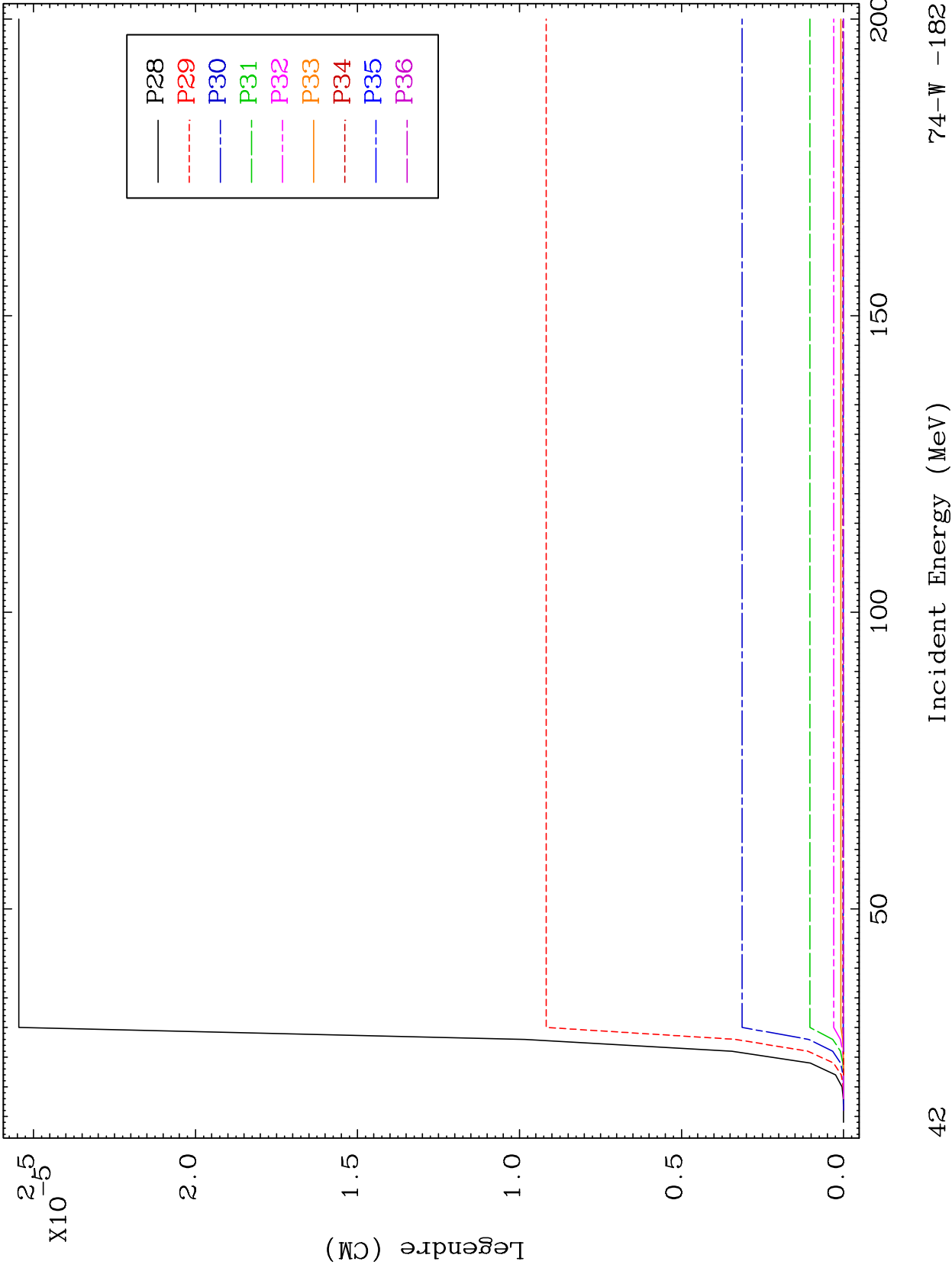


40

Incident Energy (MeV)

74-W -182

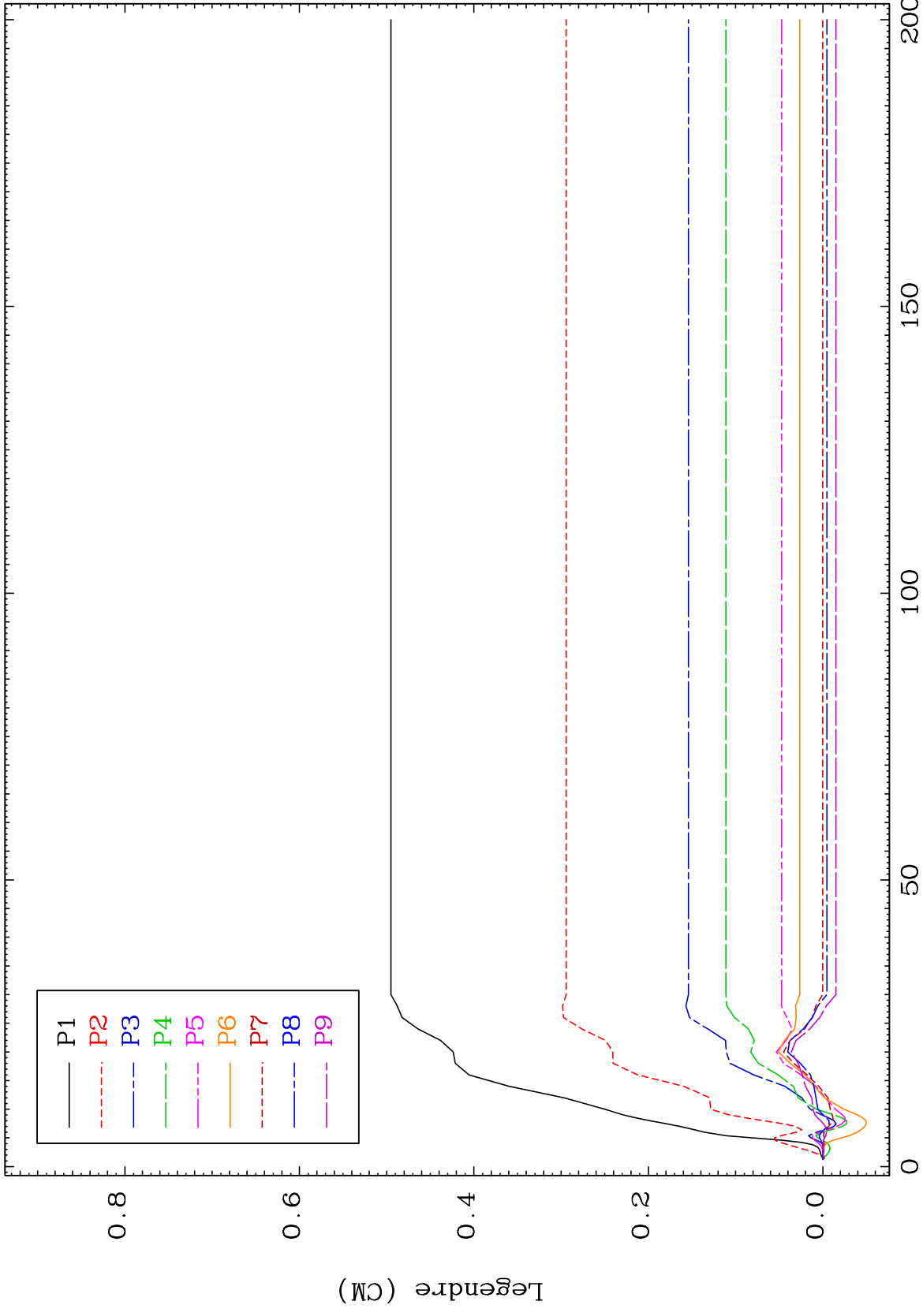




MAT 7431

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

74-W -182



43

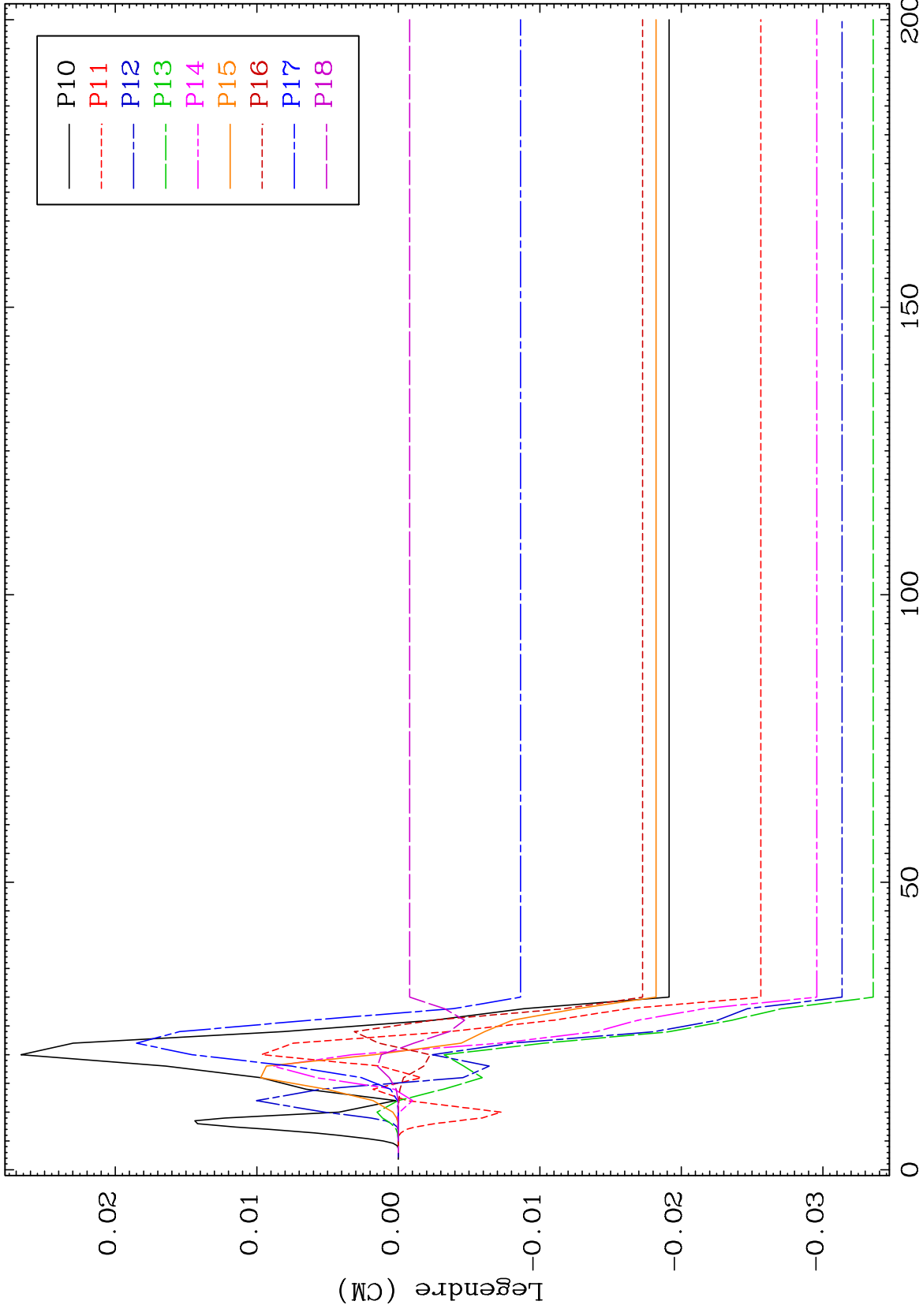
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



44

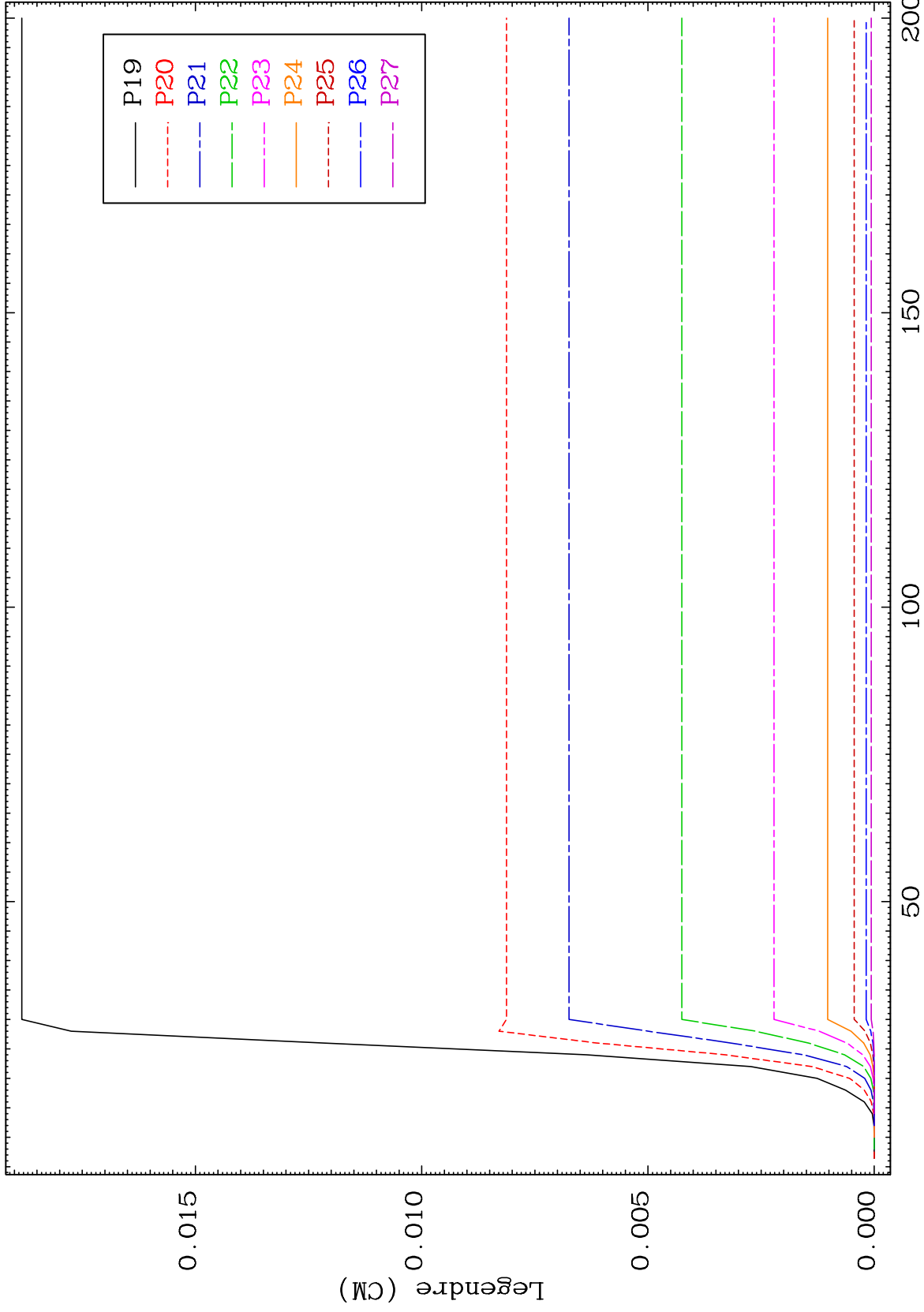
Incident Energy (MeV)

74-W -182

MAT 7431

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

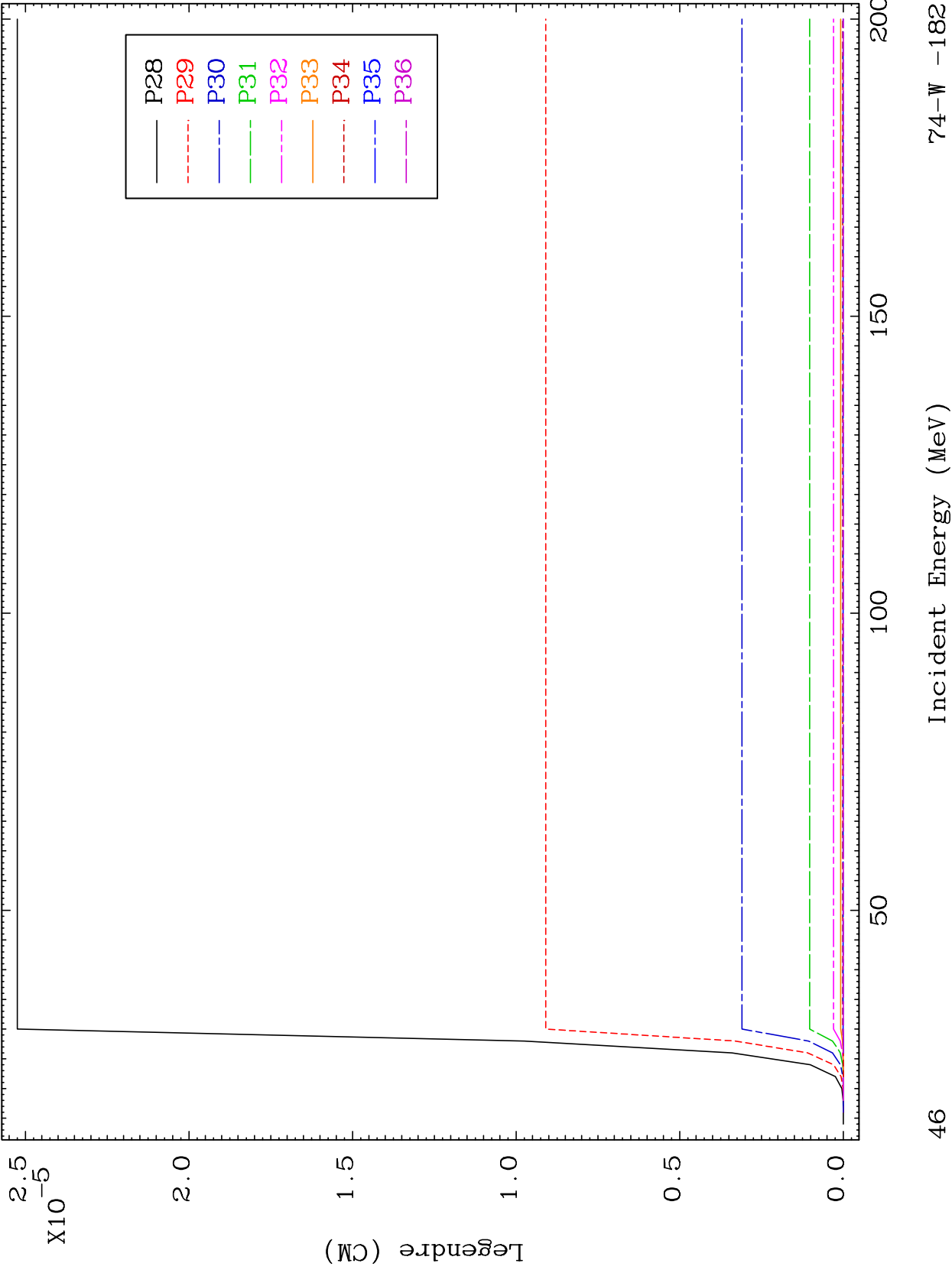
74-W -182



45

Incident Energy (MeV)

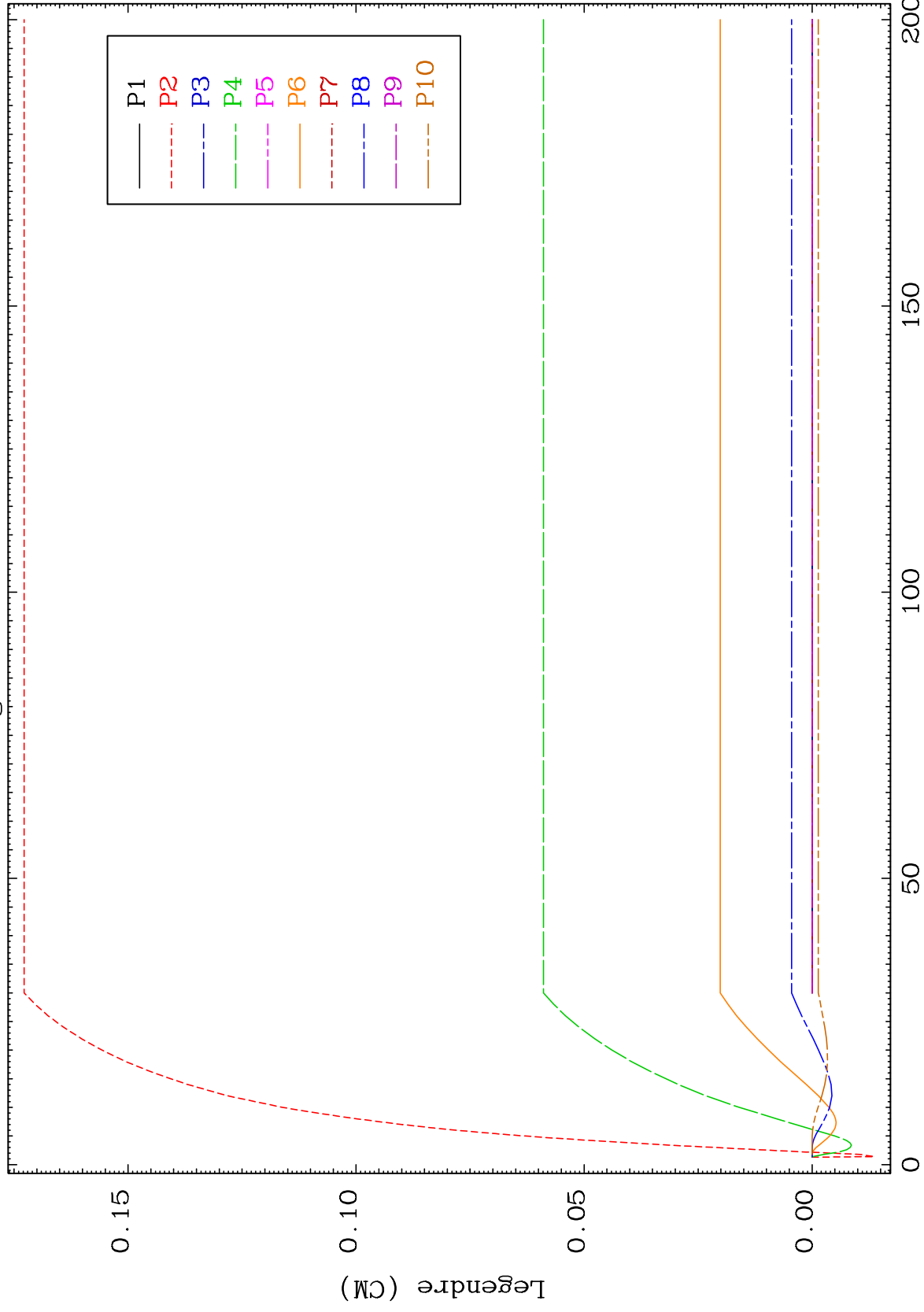
74-W -182



MAT 7431

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

74-W -182



47

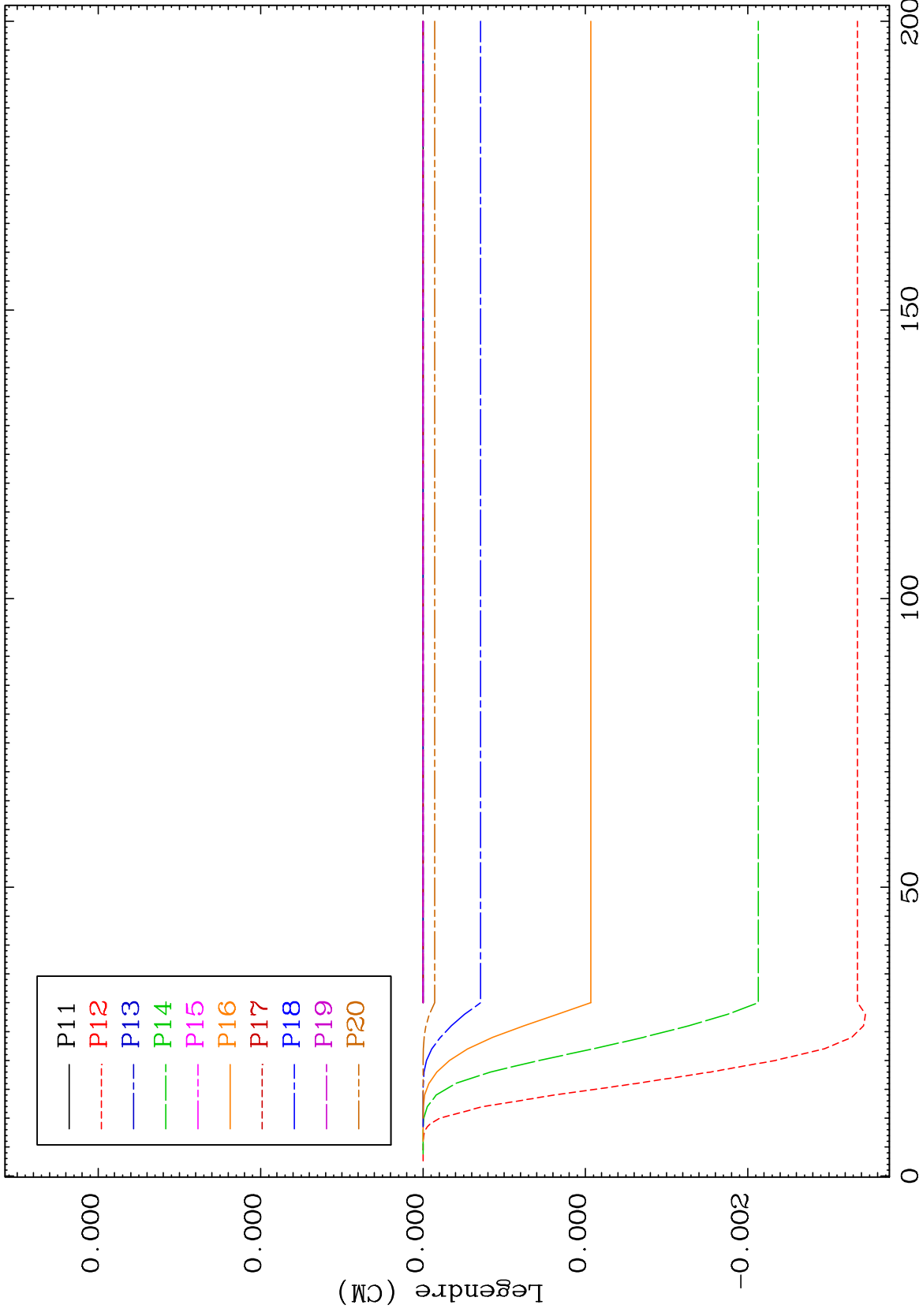
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



48

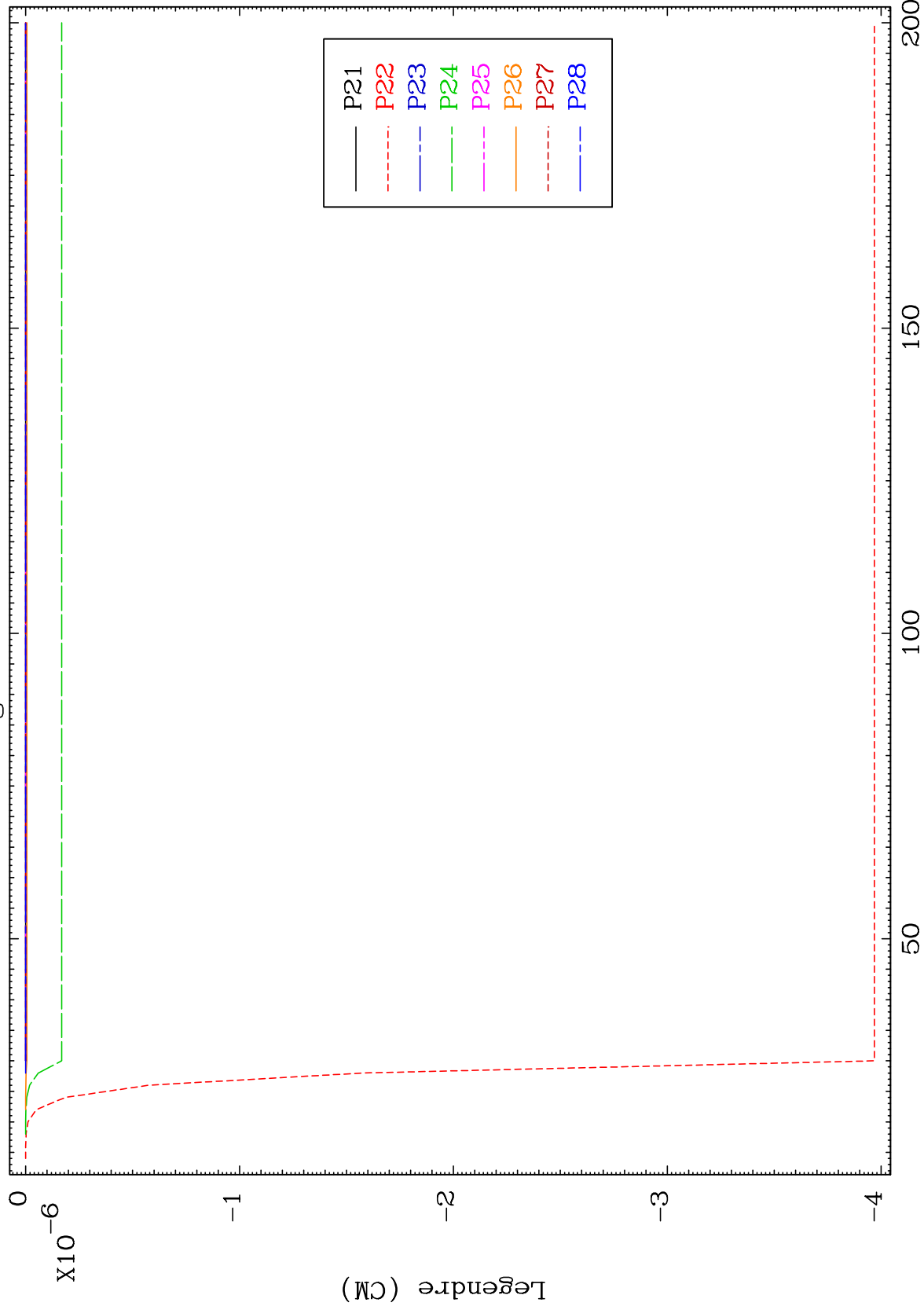
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



74-W -182

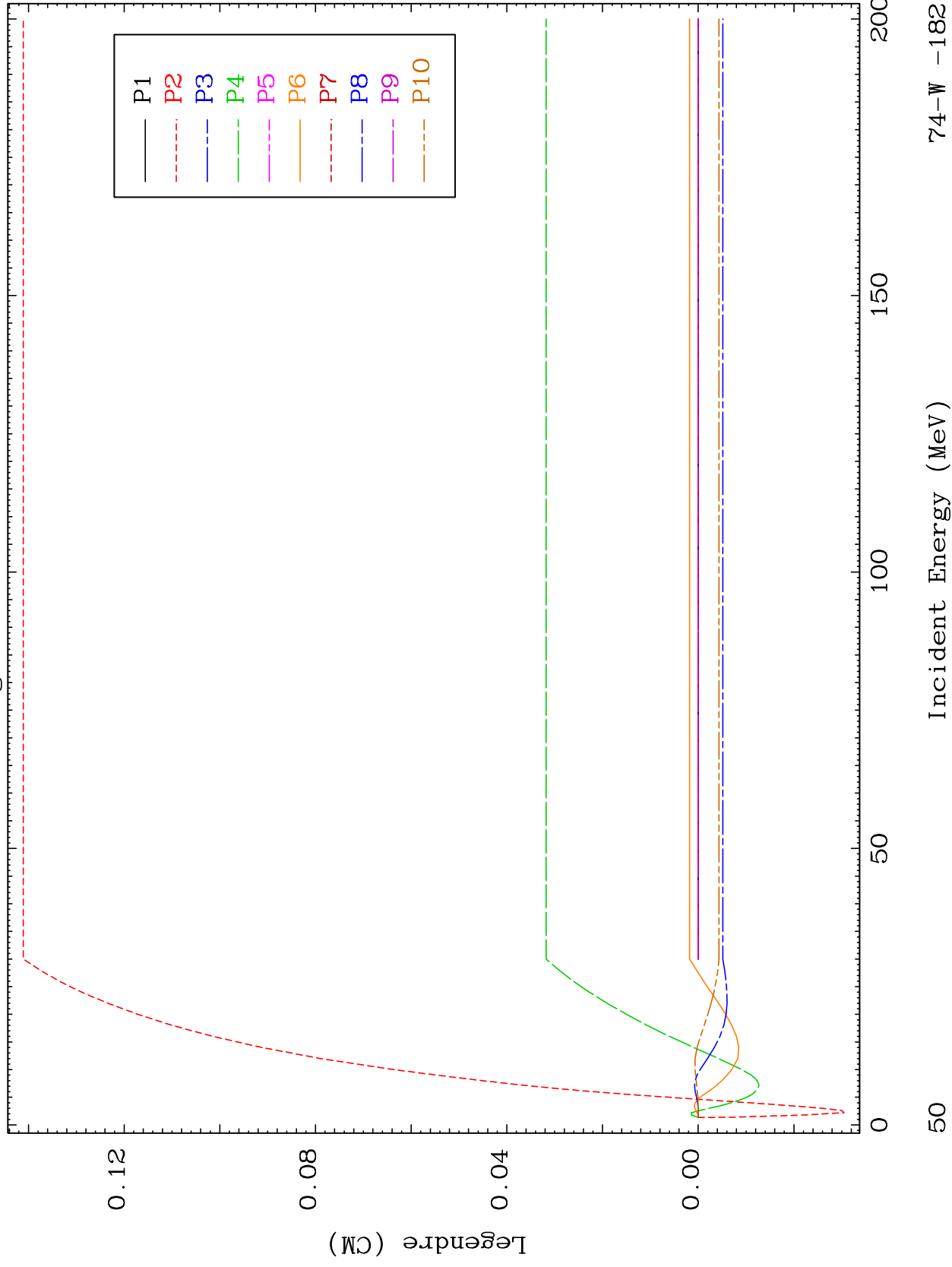
Incident Energy (MeV)

49

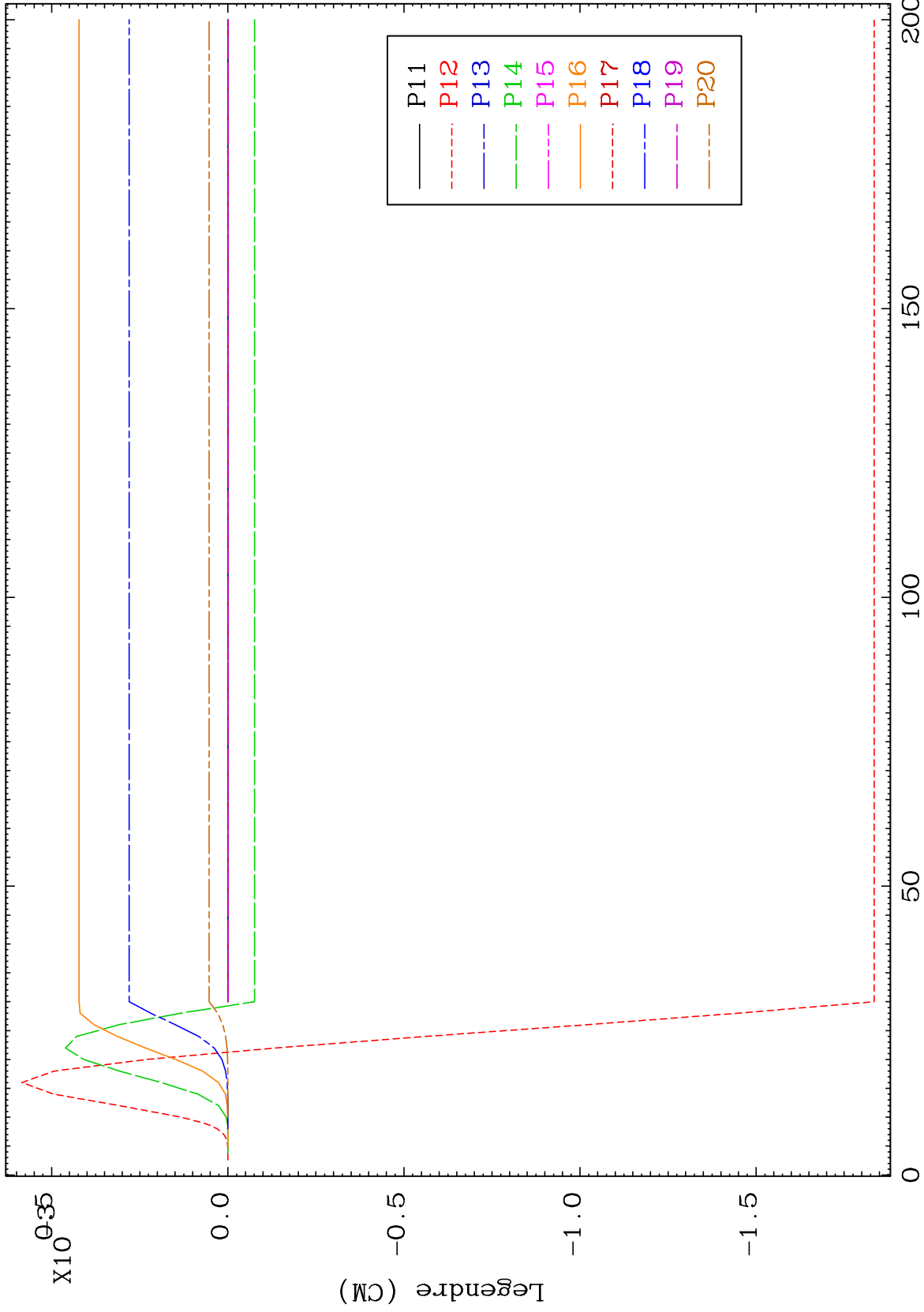
MAT 7431

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

74-W -182



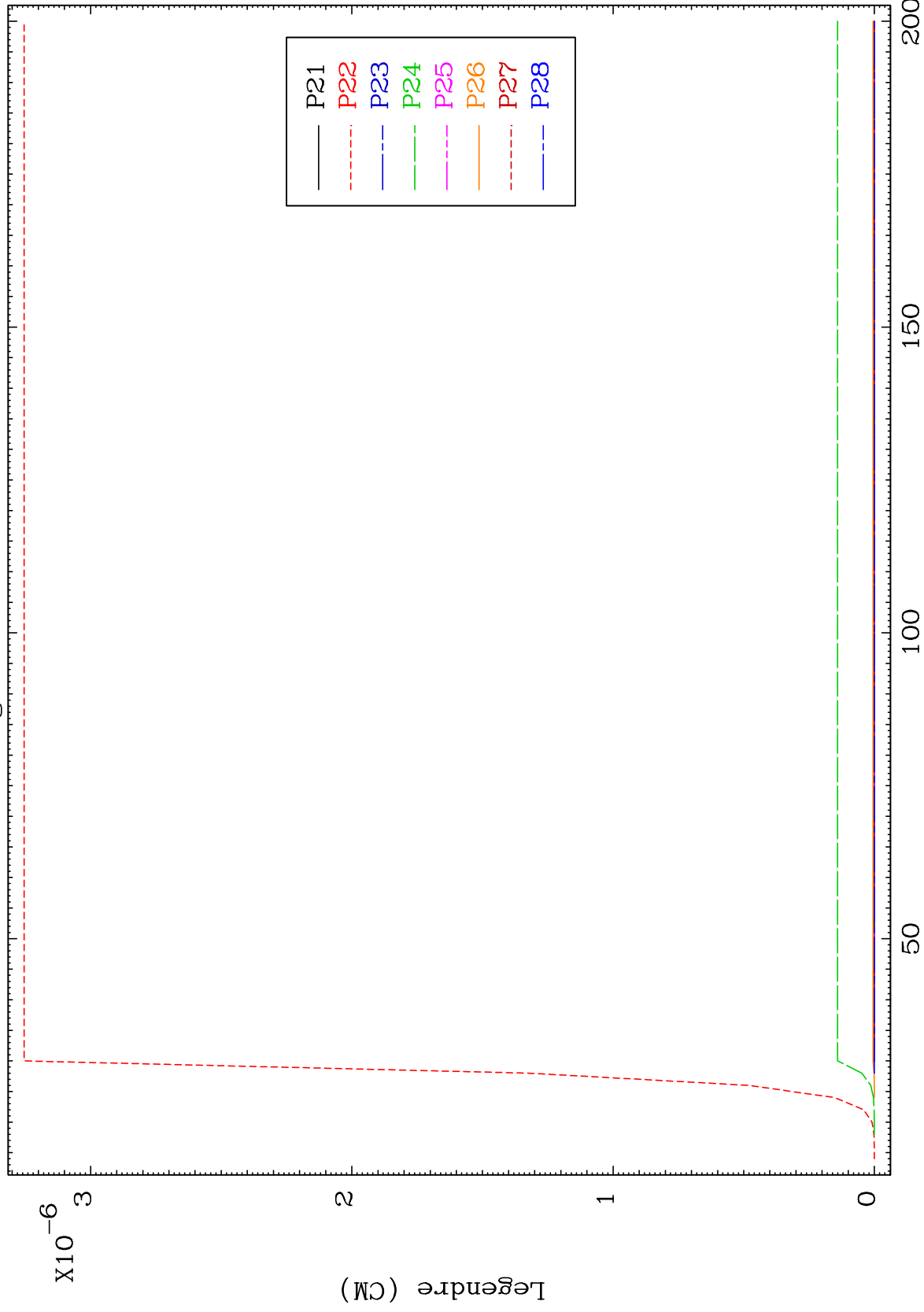
74-W -182



MAT 7431

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

74-W -182



52

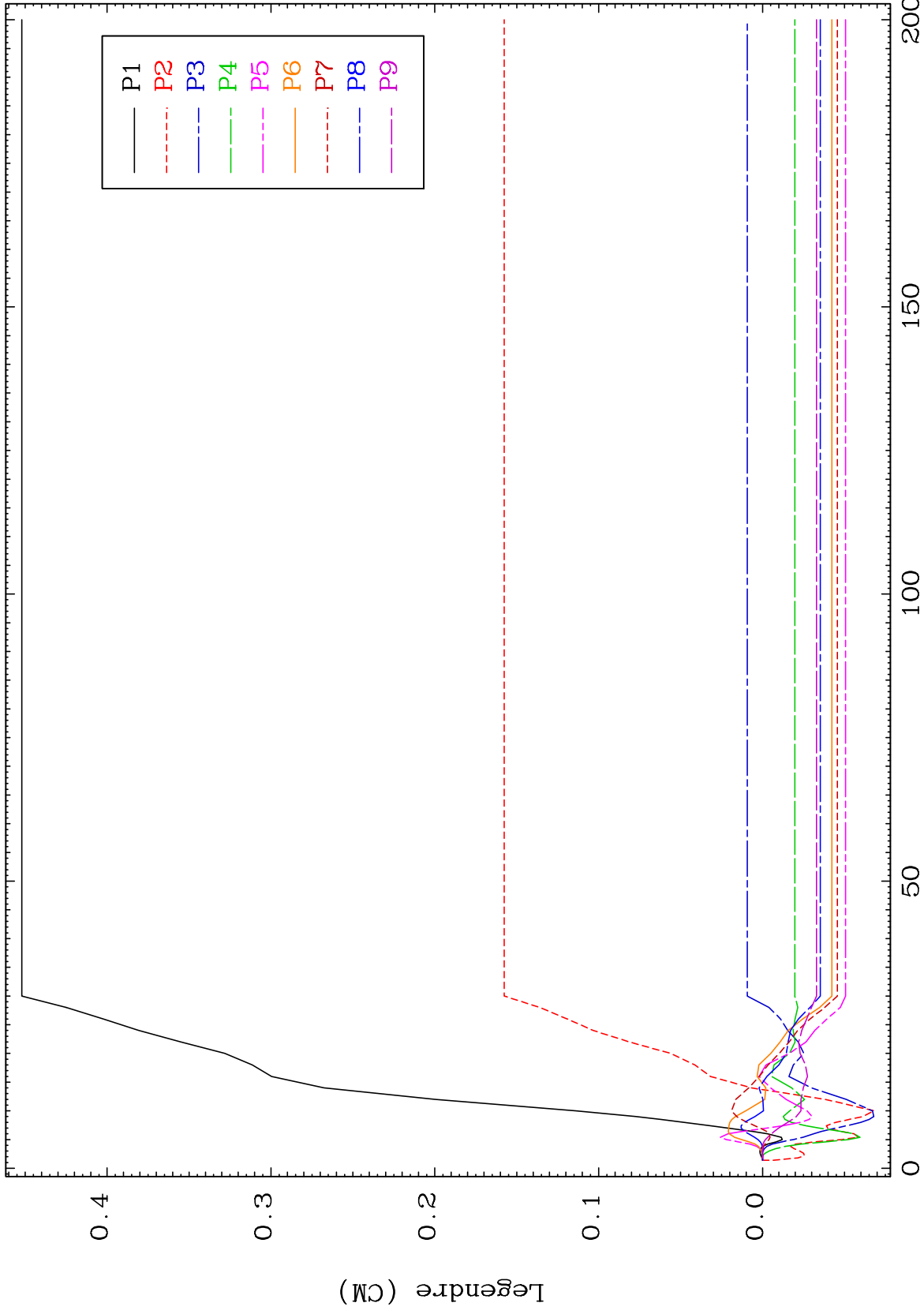
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



53

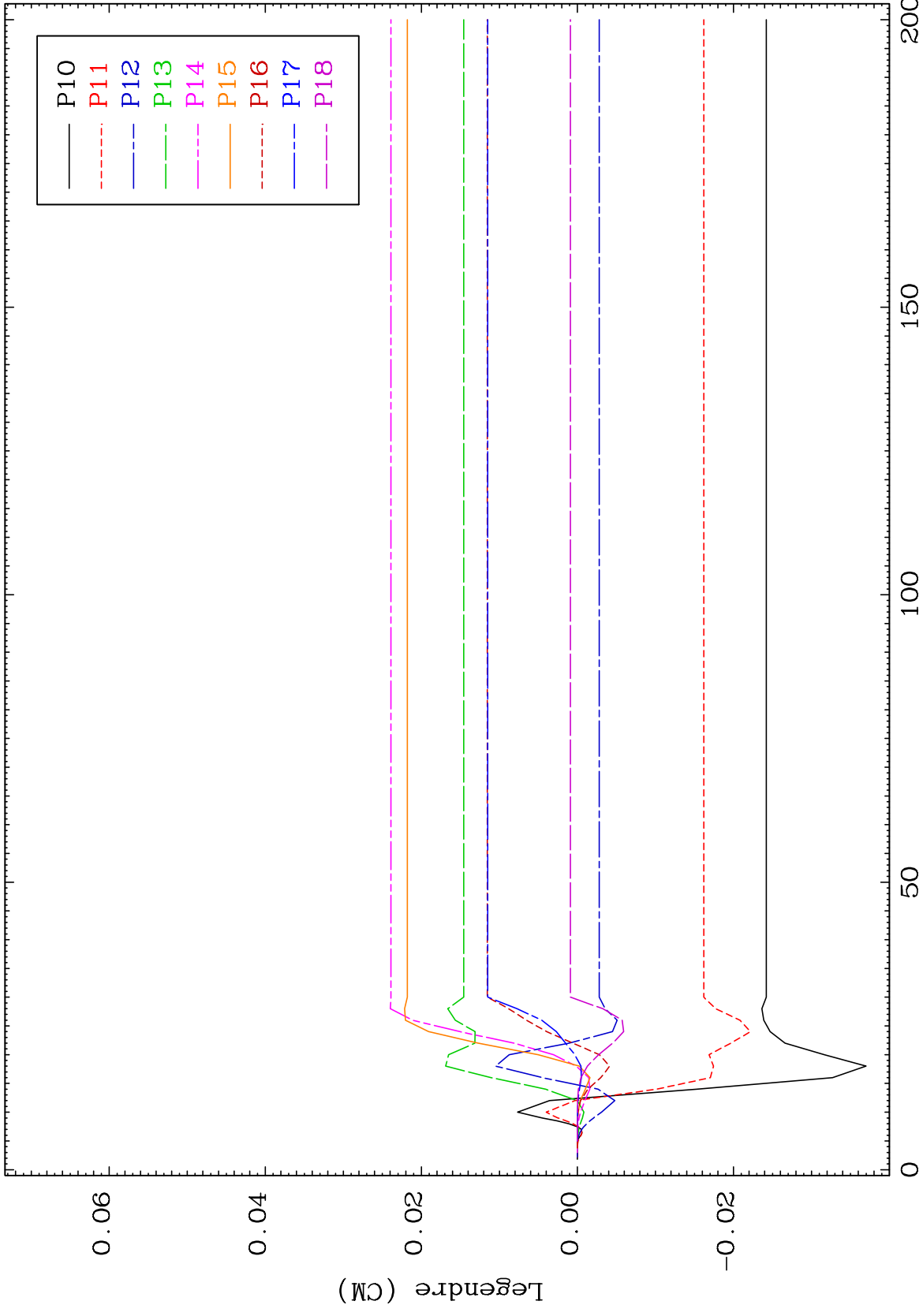
Incident Energy (MeV)

74-W -182

MAT 7431

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

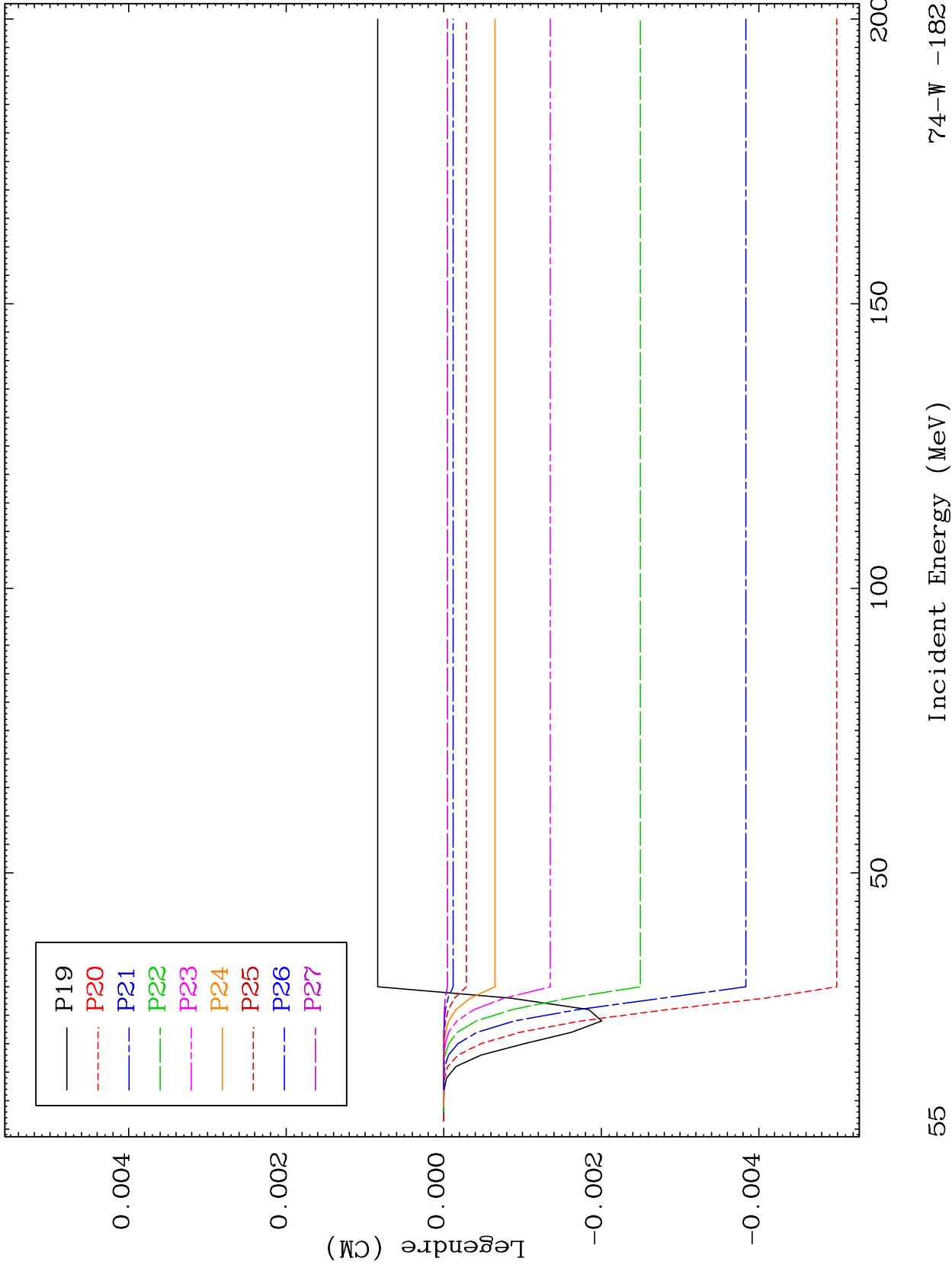
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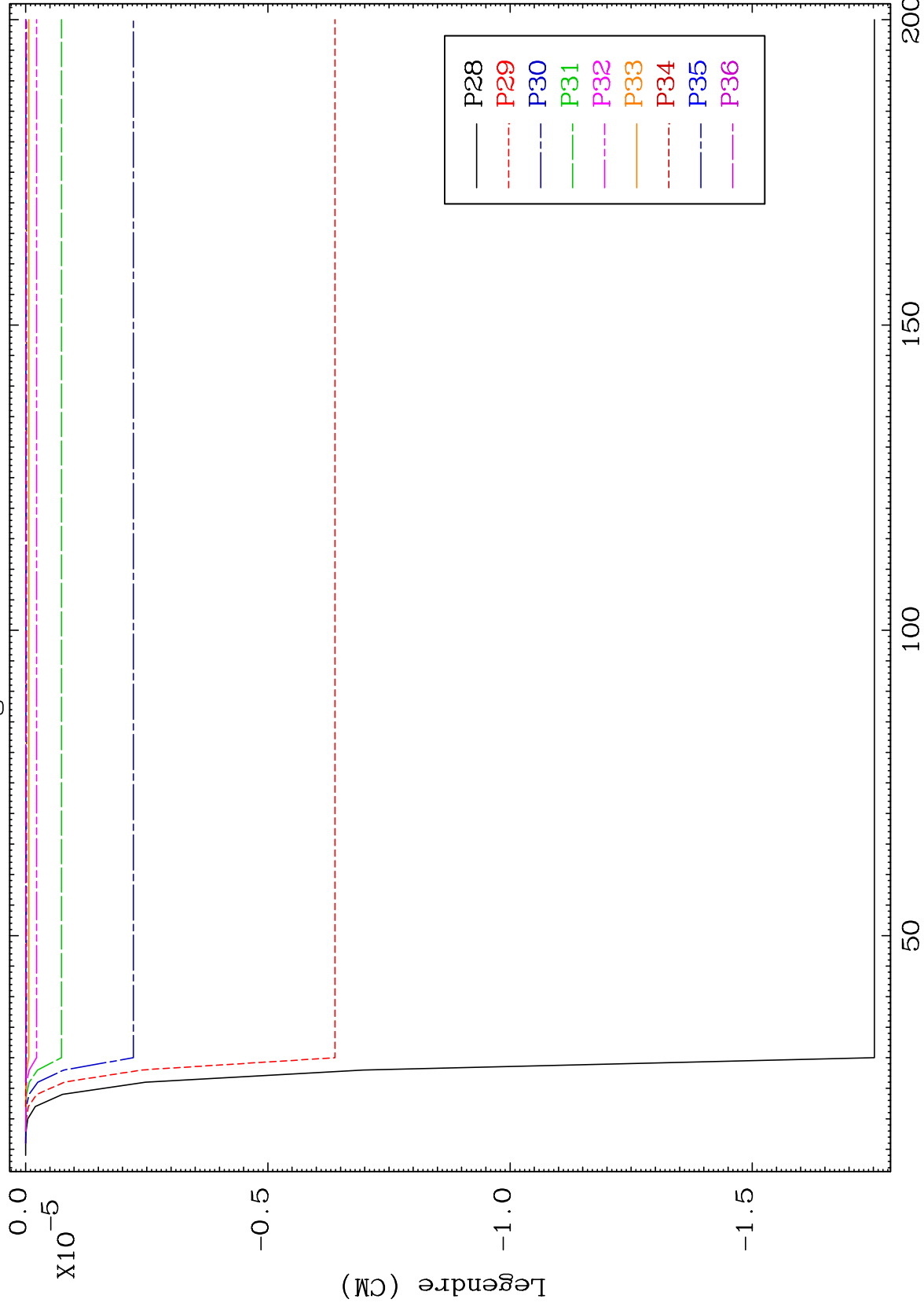


54

Incident Energy (MeV)

74-W -182

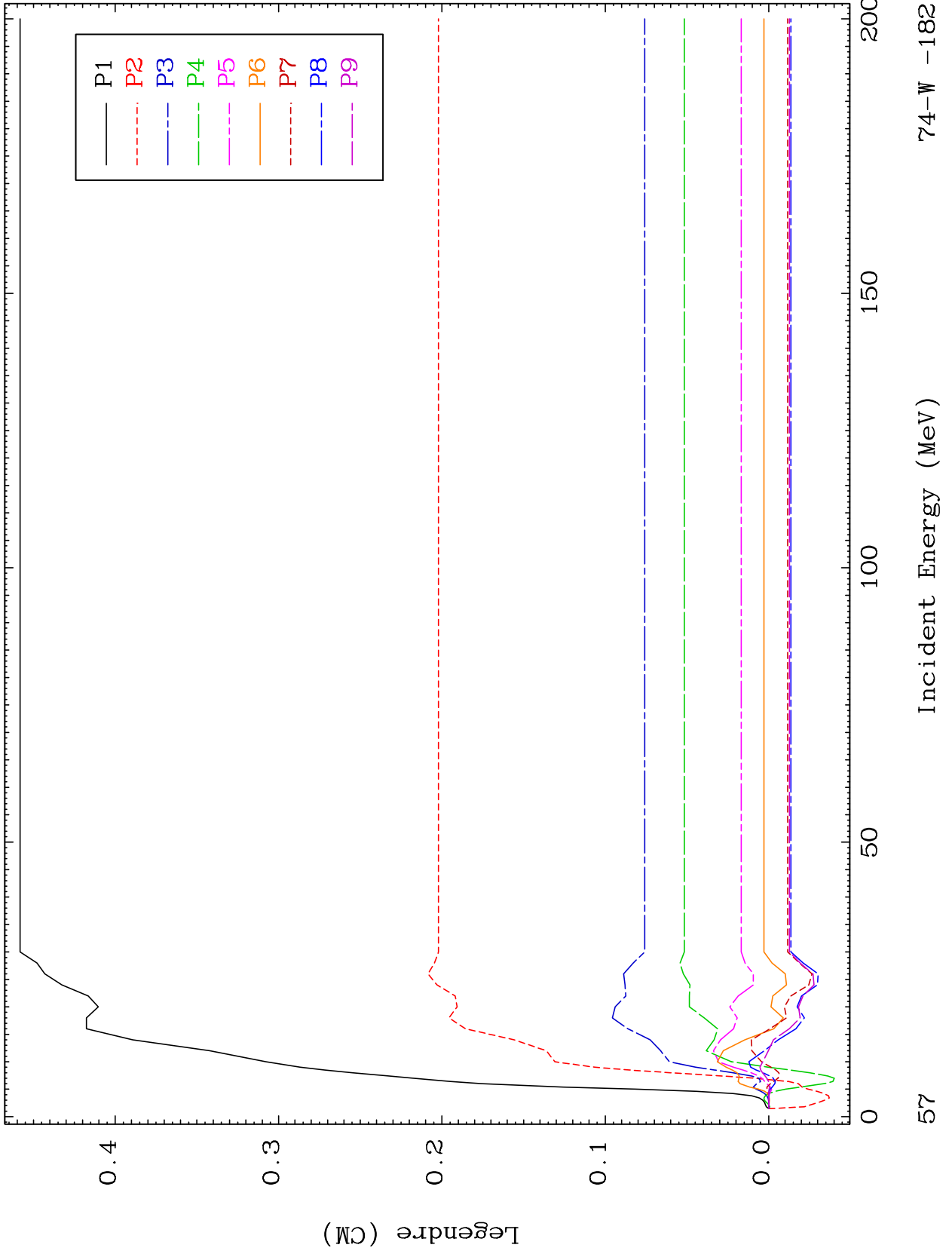




MAT 7431

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

74-W -182



74-W -182

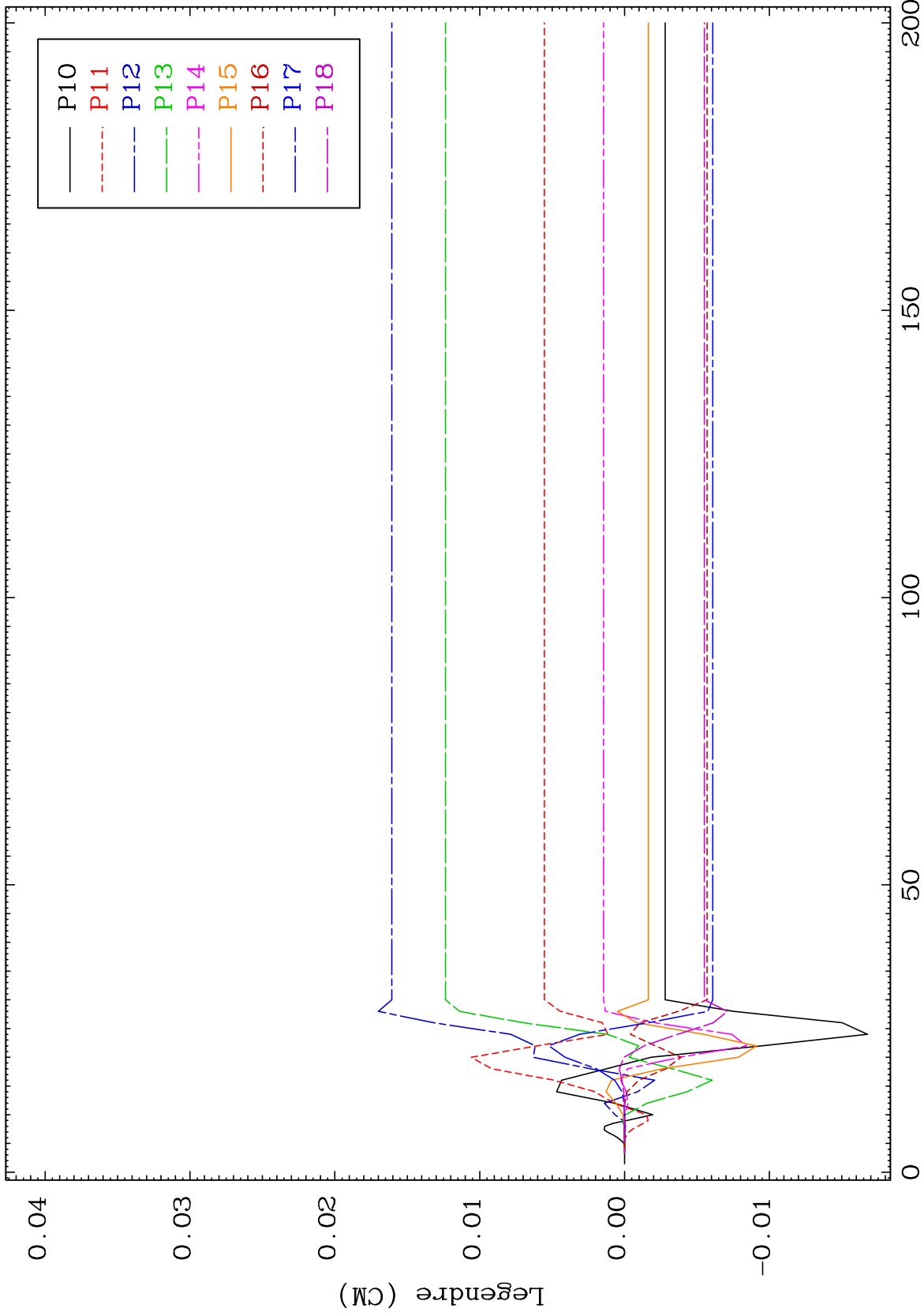
Incident Energy (MeV)

57

MAT 7431

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

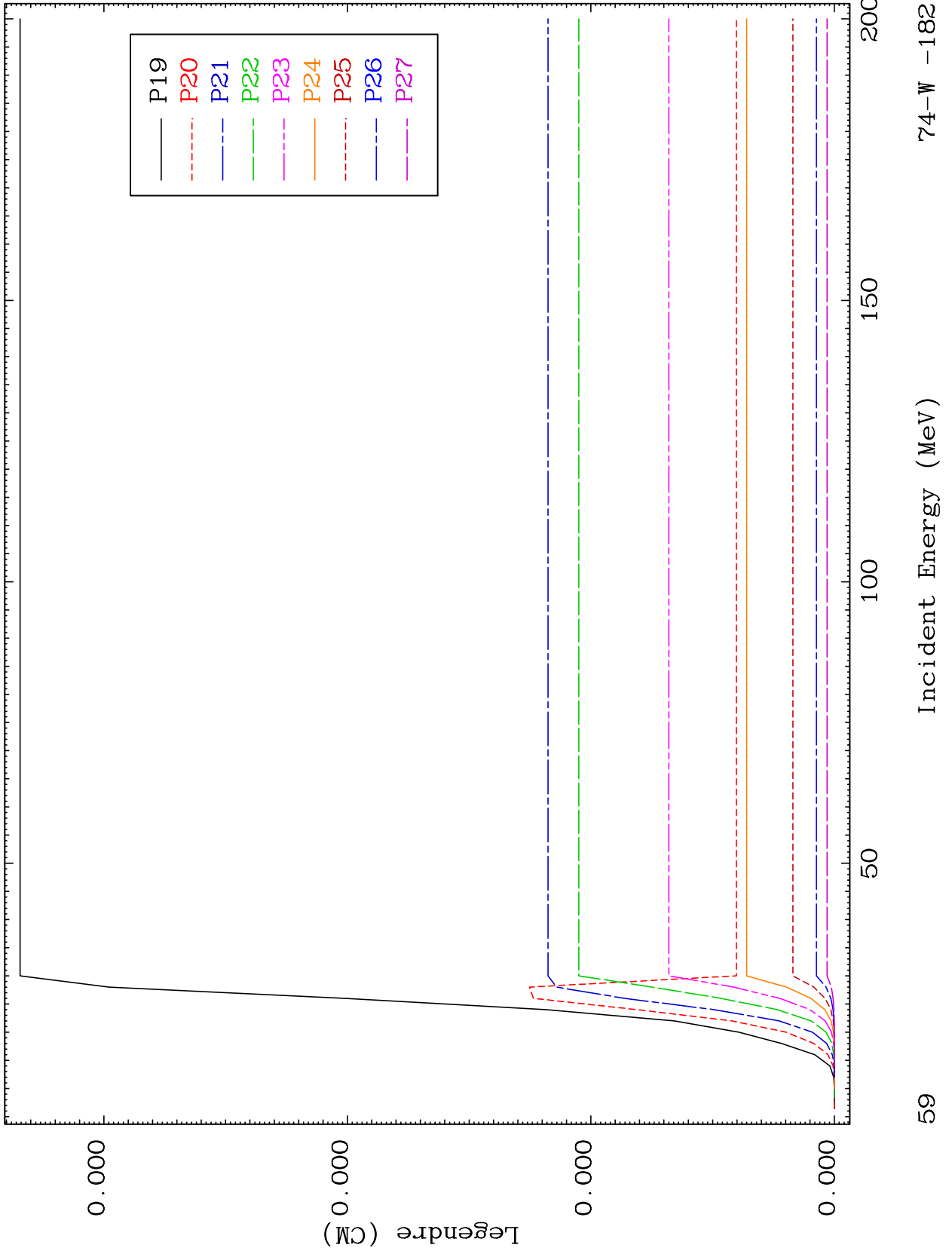
74-W -182



58

Incident Energy (MeV)

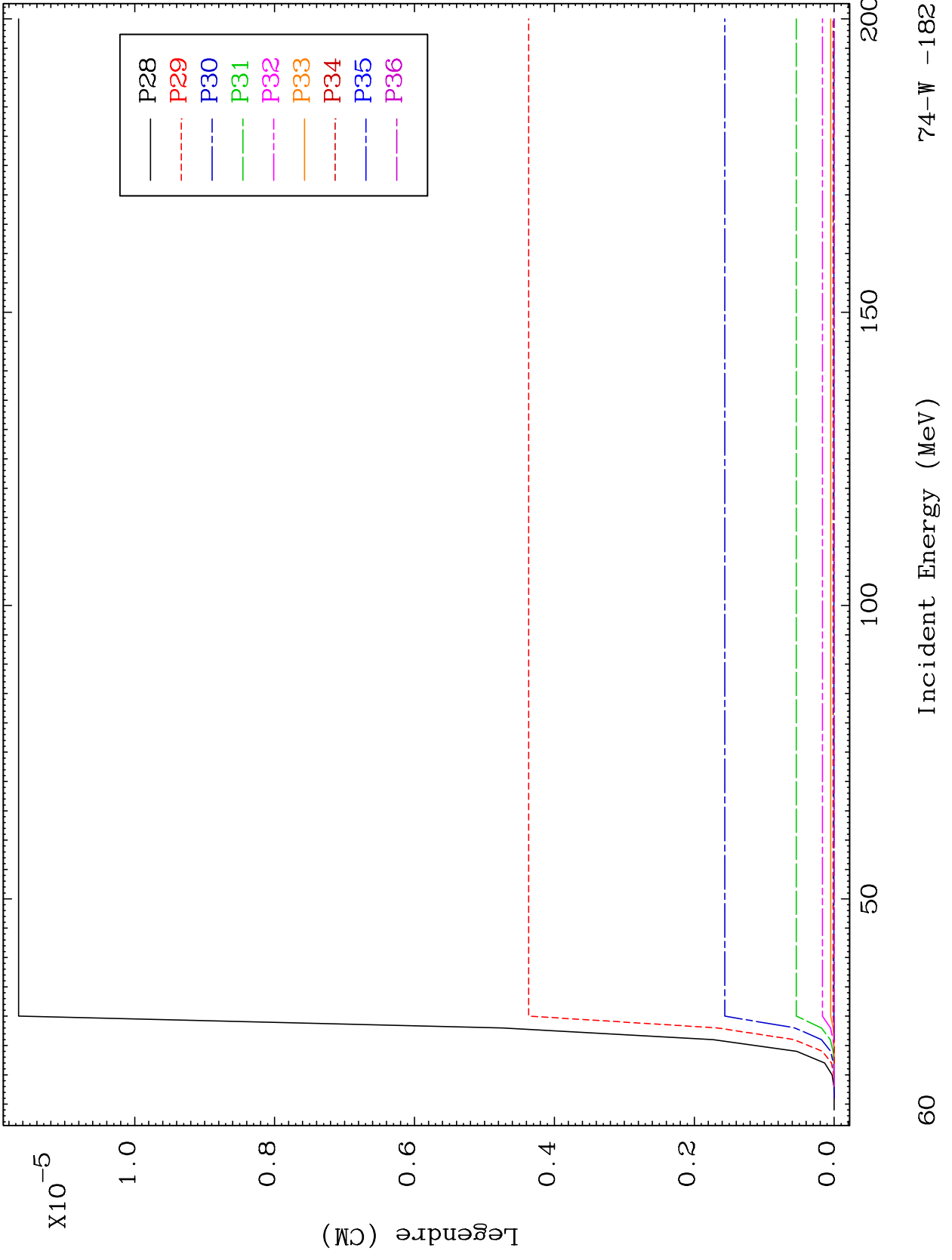
74-W -182



MAT 7431

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

74-W -182



74-W -182

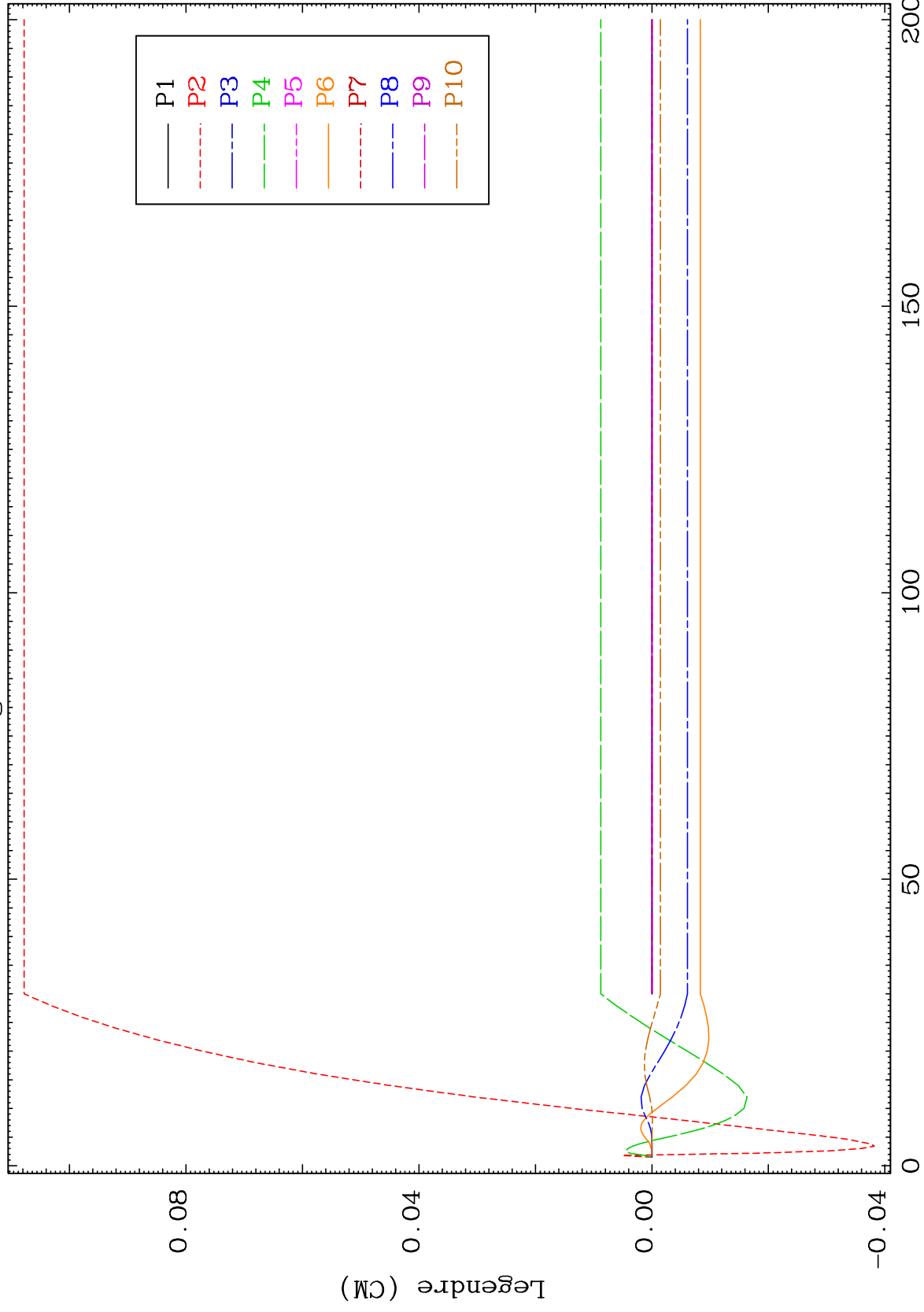
Incident Energy (MeV)

60

MAT 7431

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

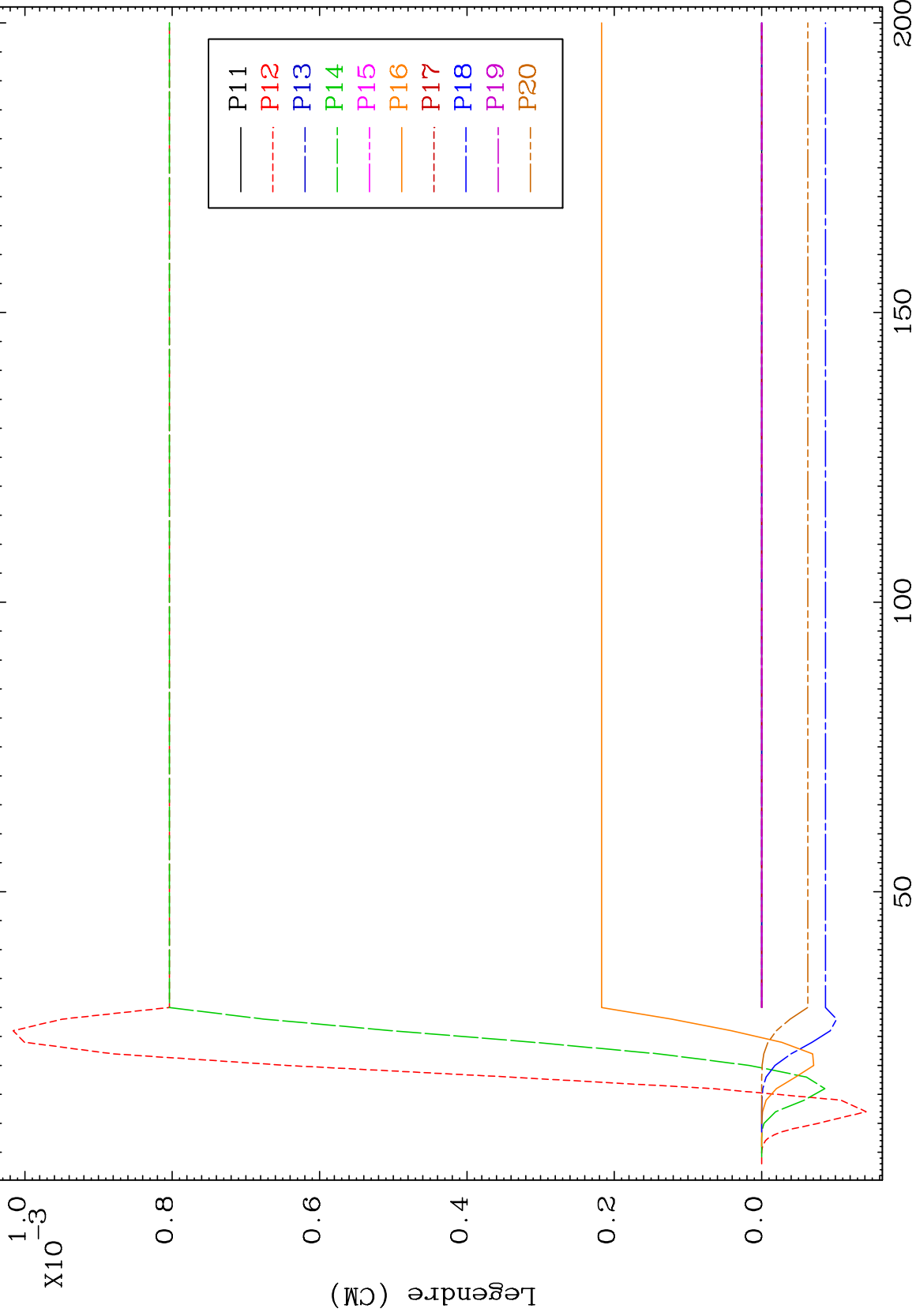
74-W -182



Incident Energy (MeV)

74-W -182

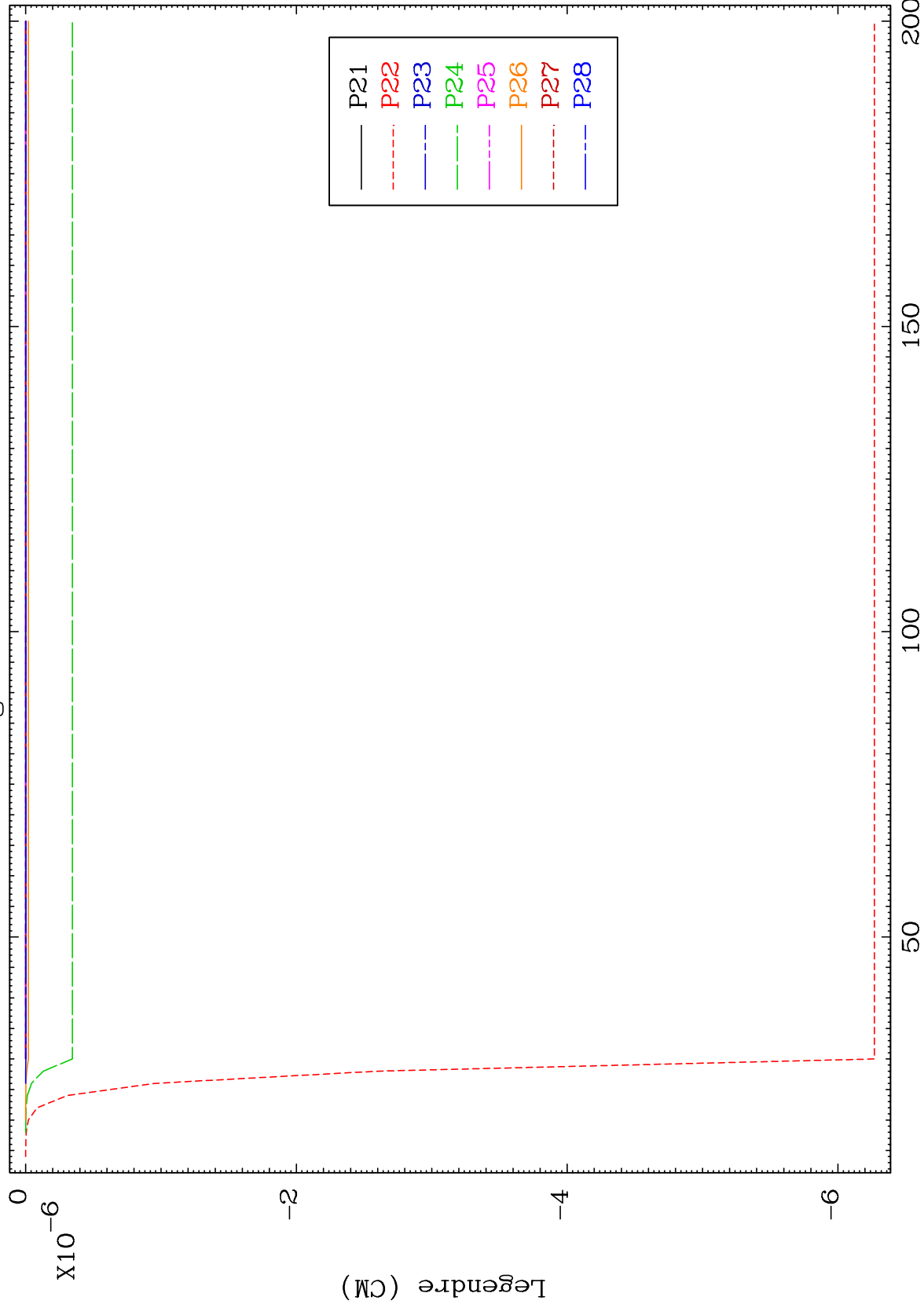
61



MAT 7431

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

74-W -182



63

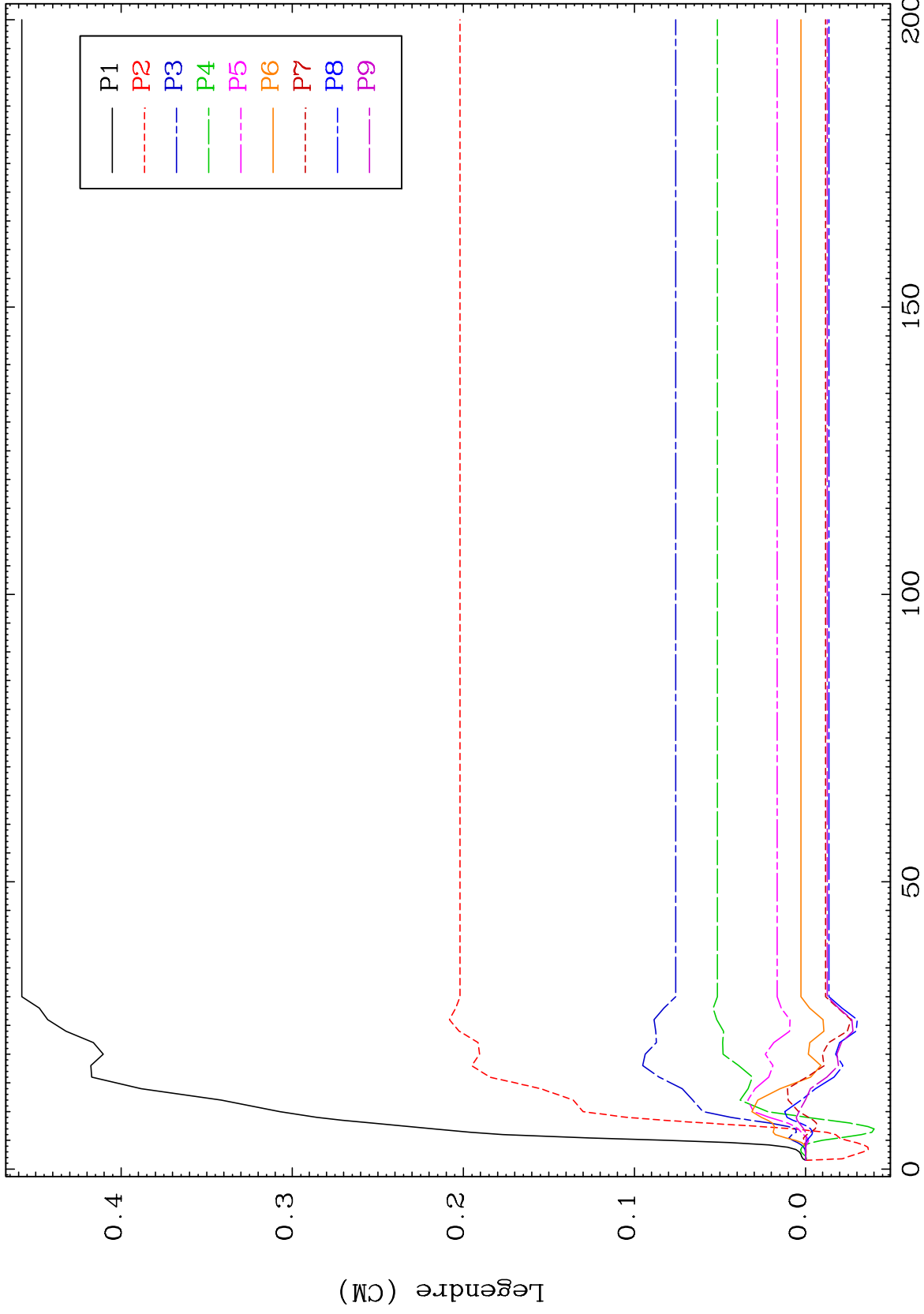
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



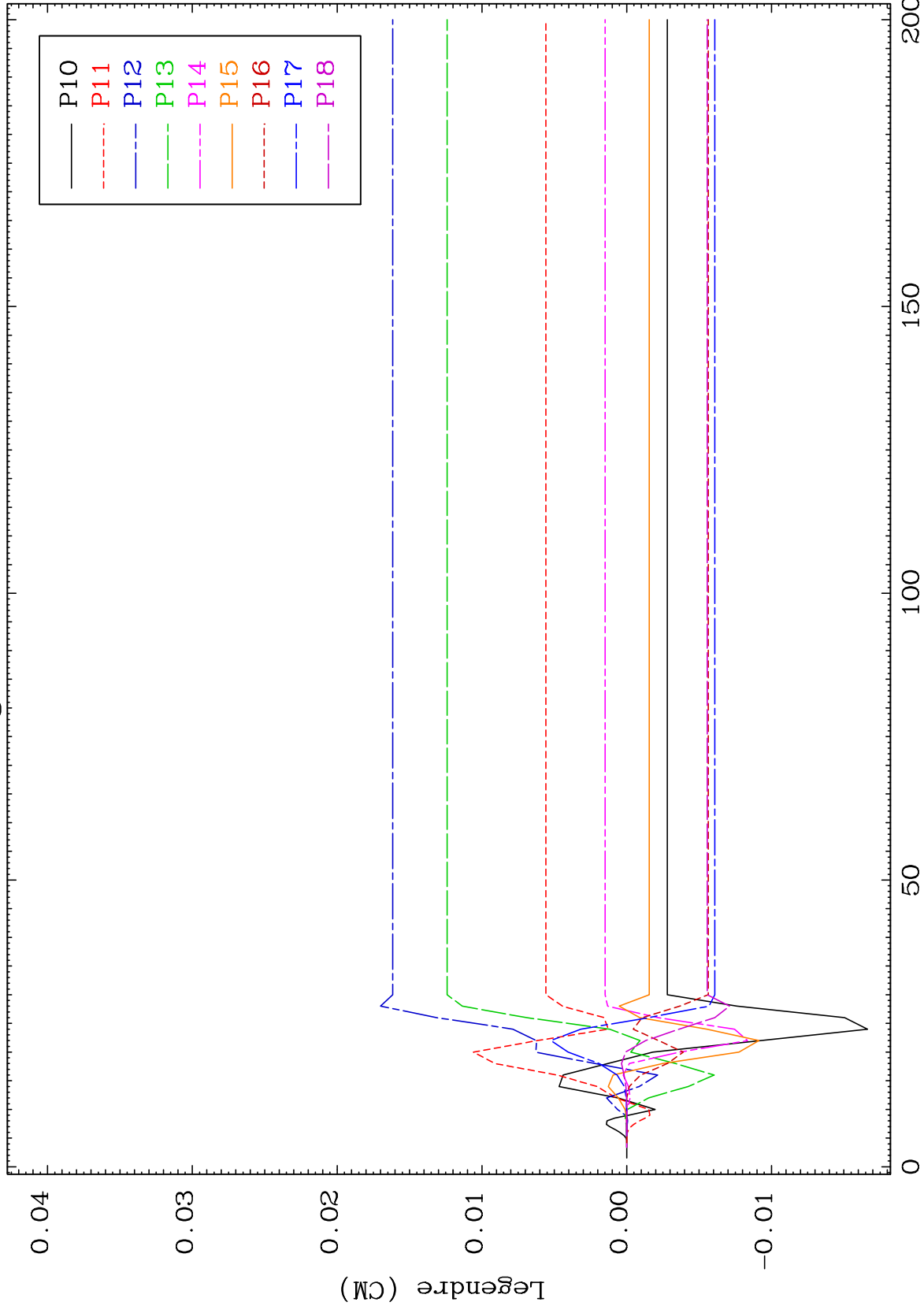
64

74-W -182

MAT 7431

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

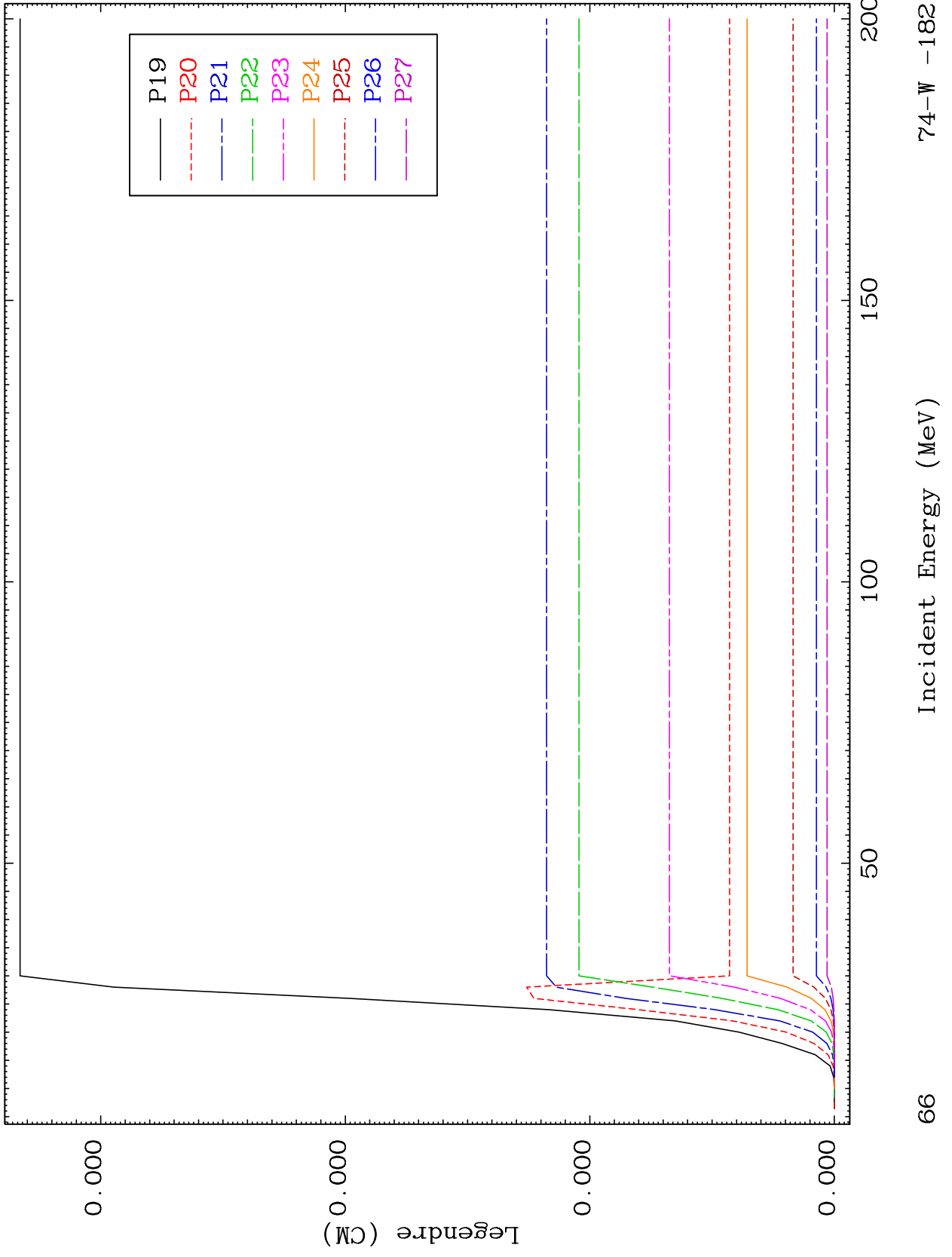
74-W -182



Incident Energy (MeV)

74-W -182

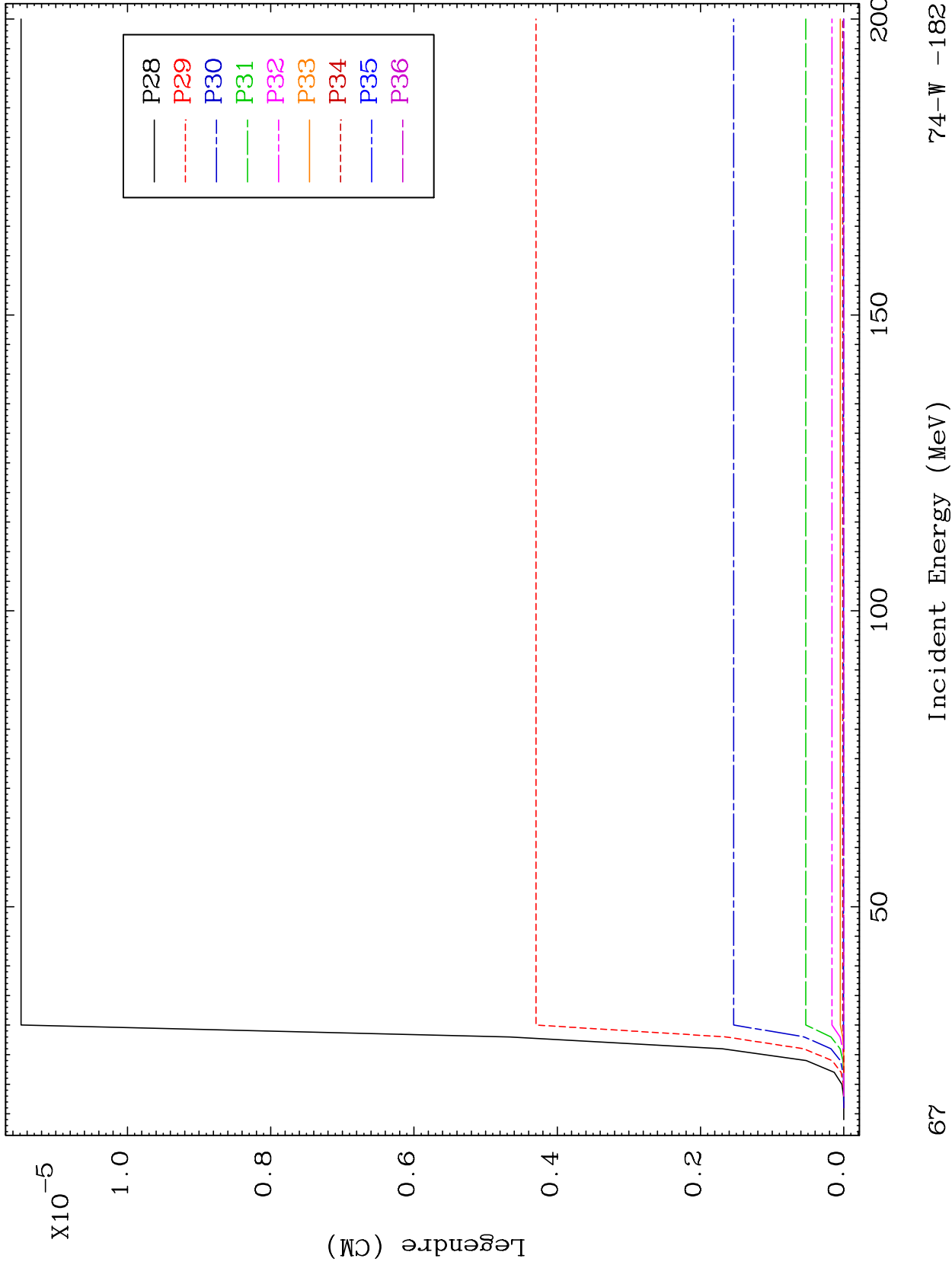
65



MAT 7431

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

74-W -182



67

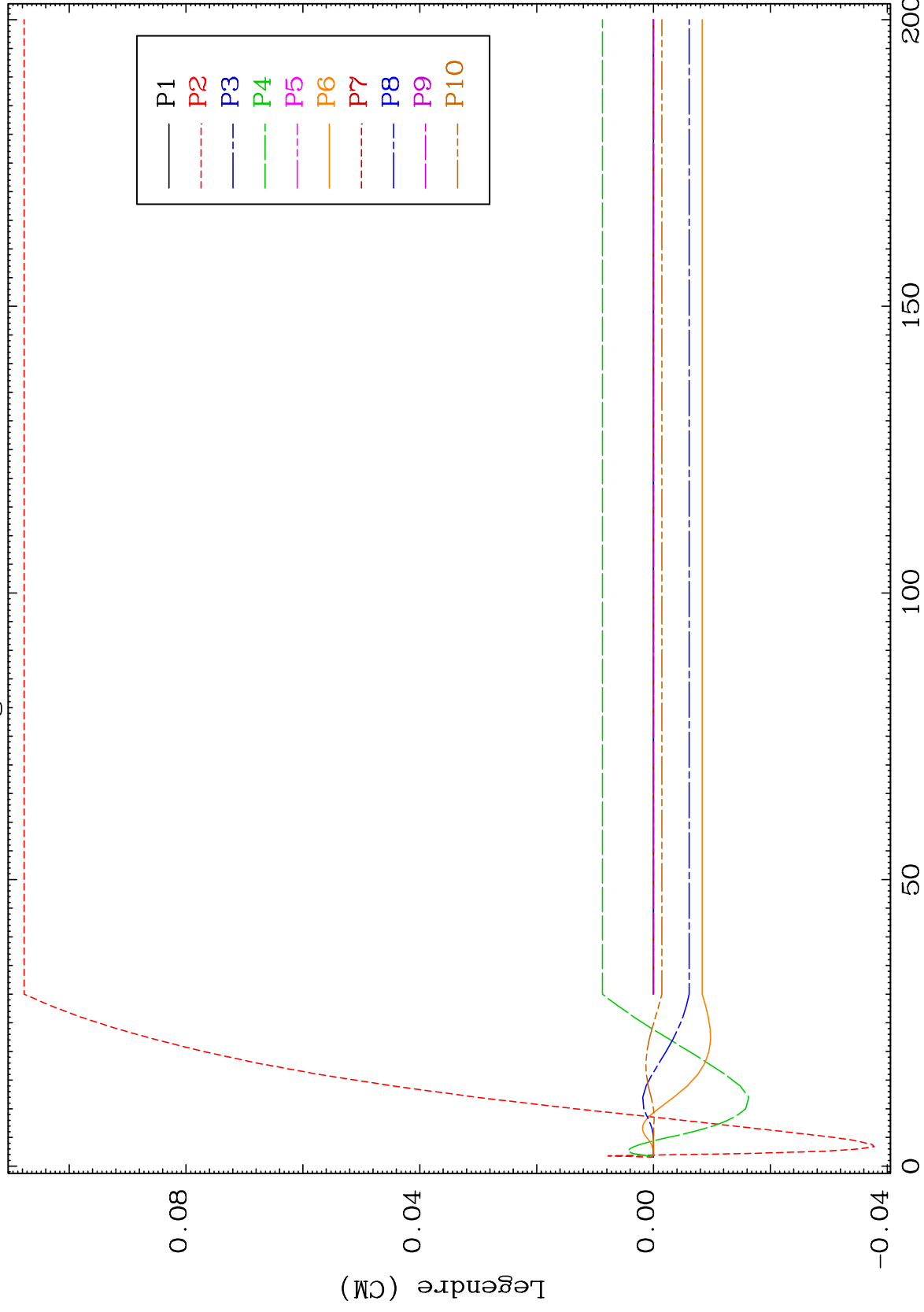
Incident Energy (MeV)

74-W -182

MAT 7431

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

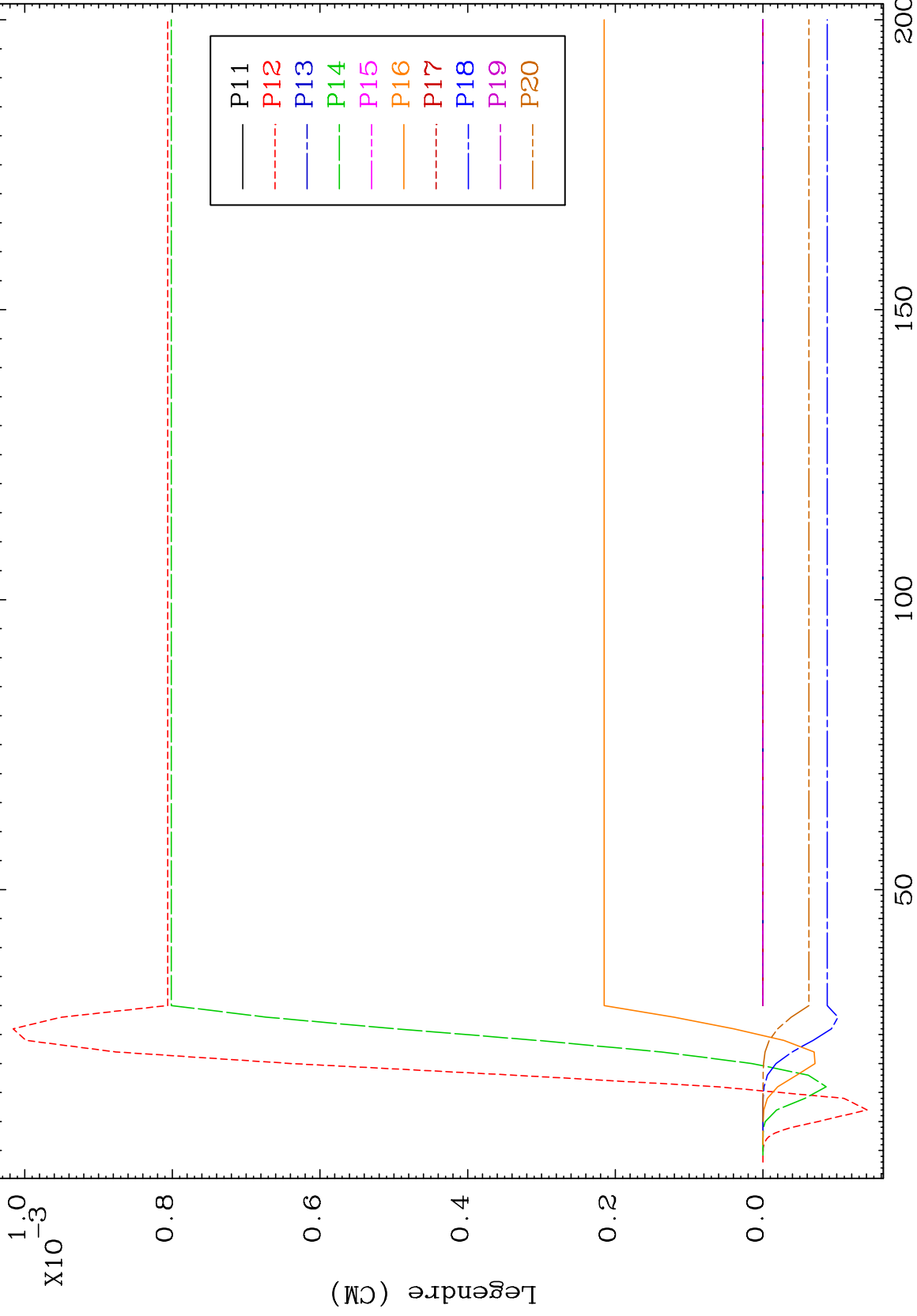
74-W -182



68

Incident Energy (MeV)

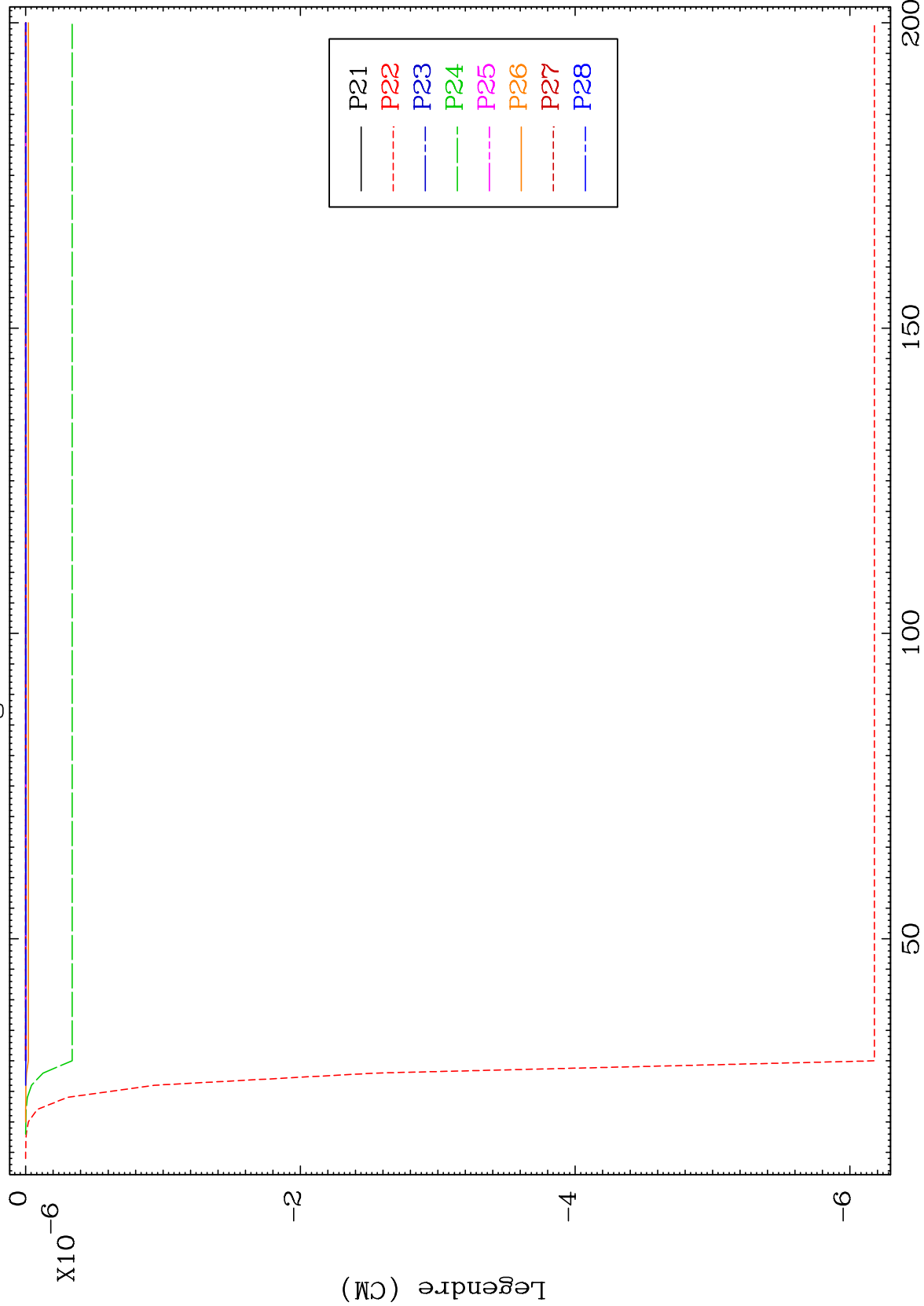
74-W -182



MAT 7431

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

74-W -182



74-W -182

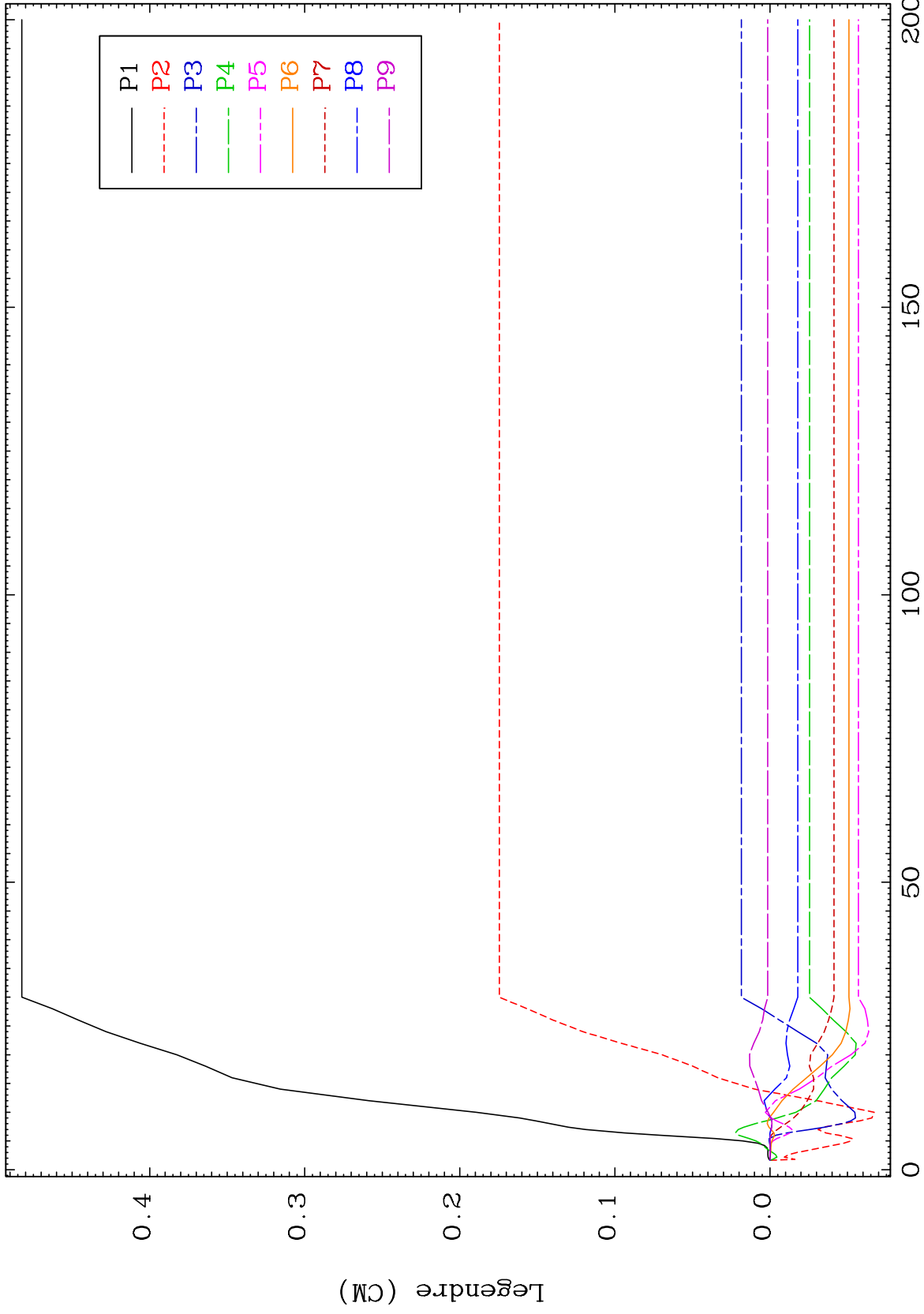
Incident Energy (MeV)

70

MAT 7431

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

74-W -182



71

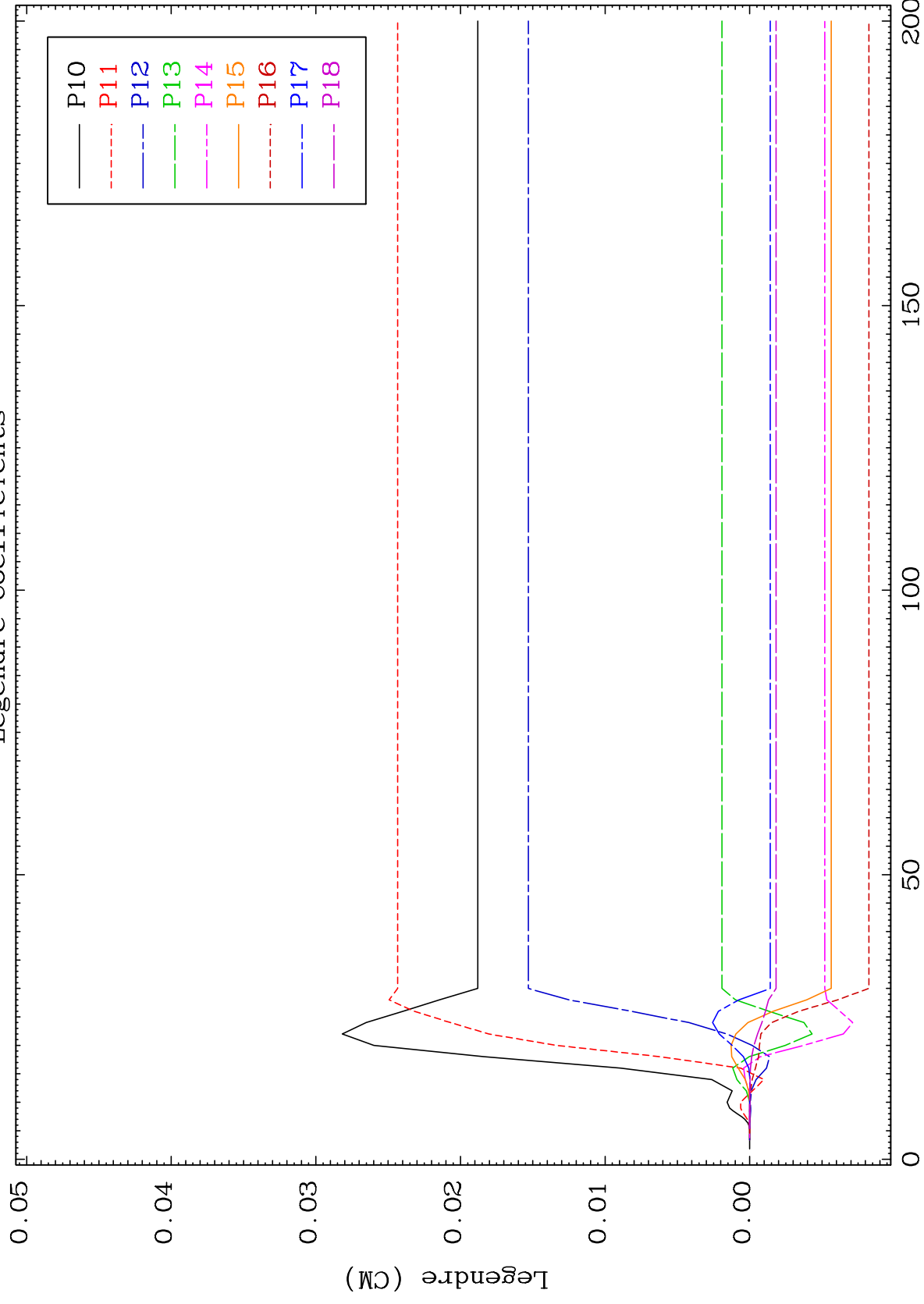
Incident Energy (MeV)

74-W -182

MAT 7431

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

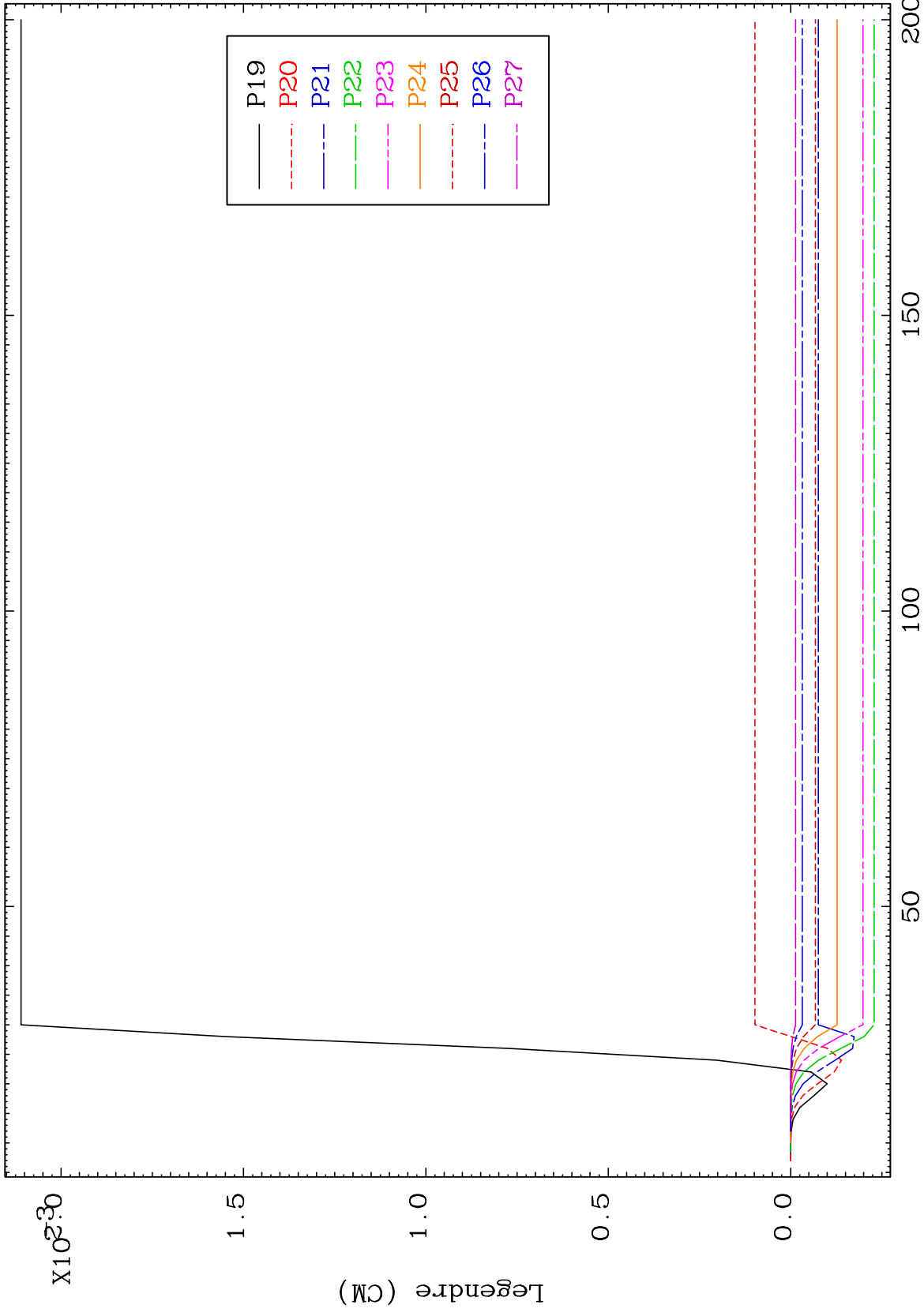
74-W -182



72

Incident Energy (MeV)

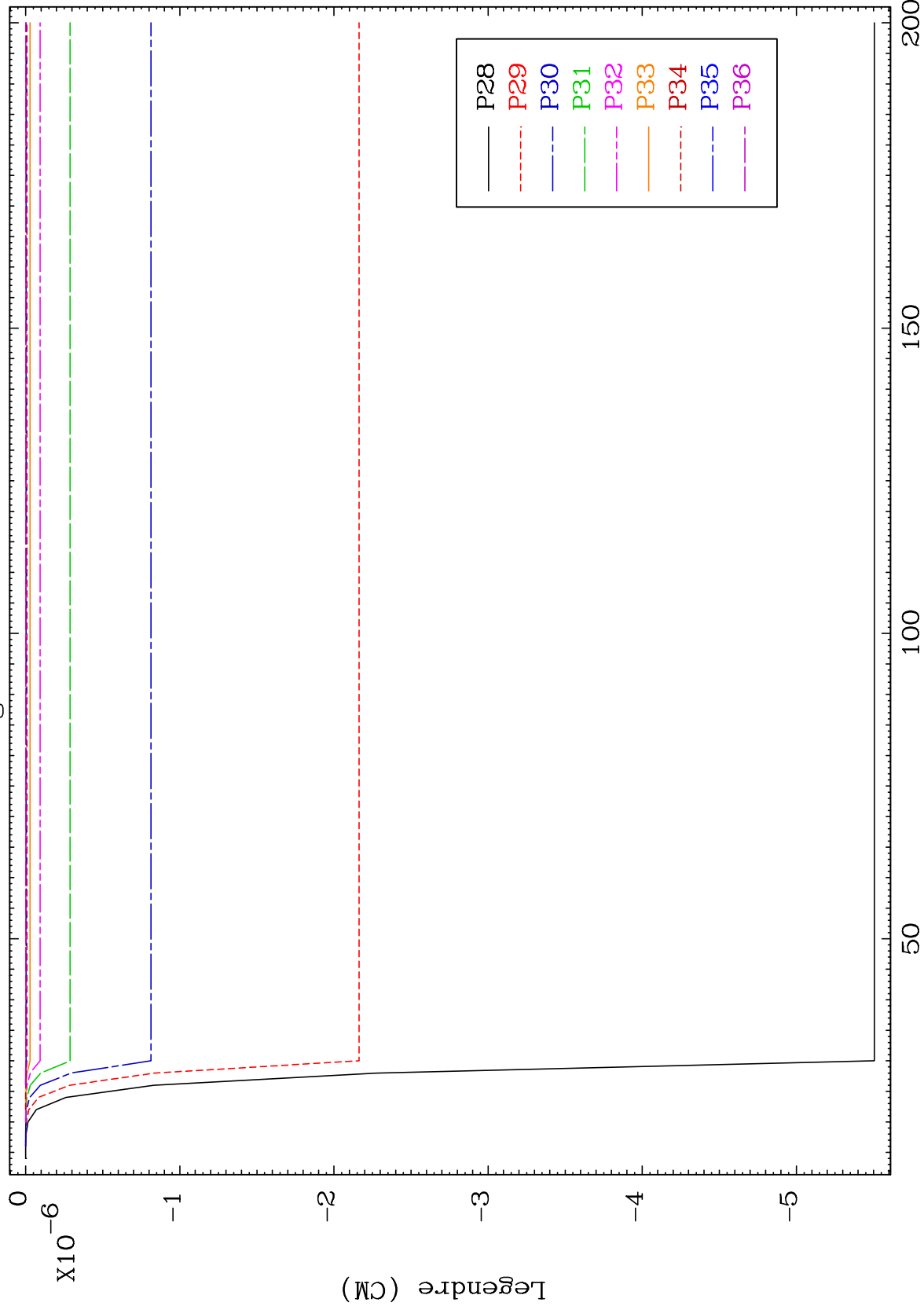
74-W -182



MAT 7431

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

74-W -182



74-W -182

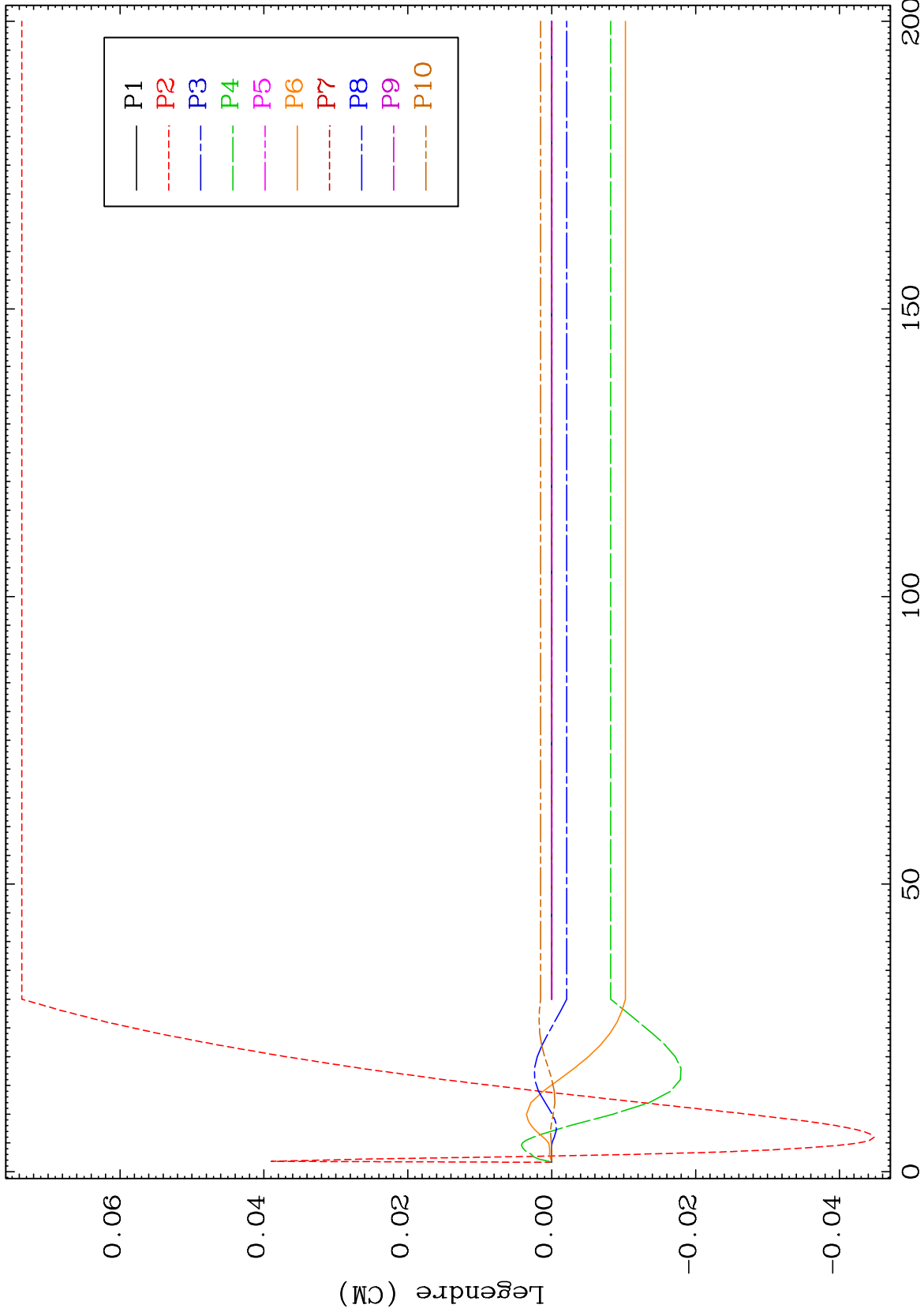
Incident Energy (MeV)

74

MAT 7431

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

74-W -182



75

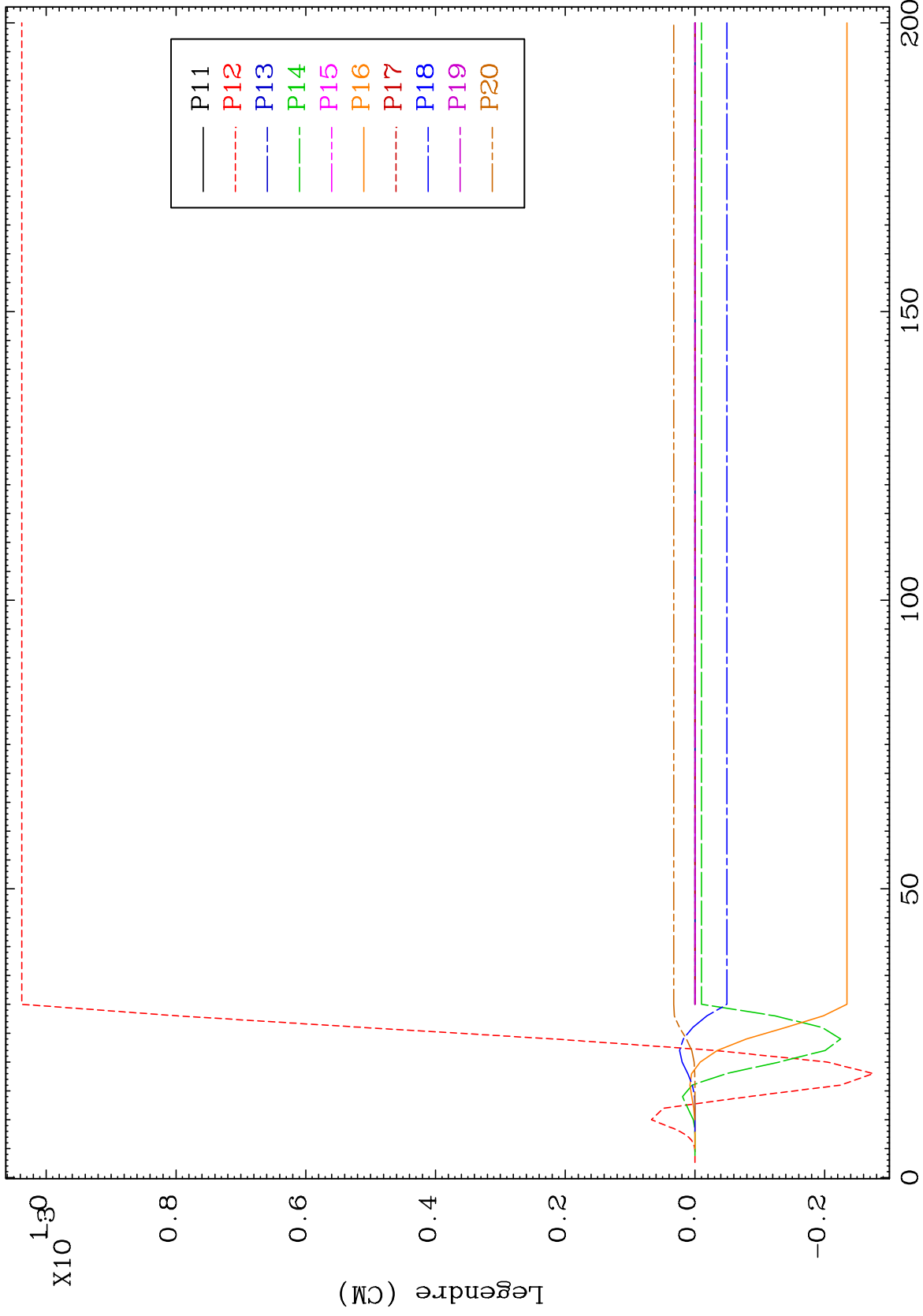
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



76

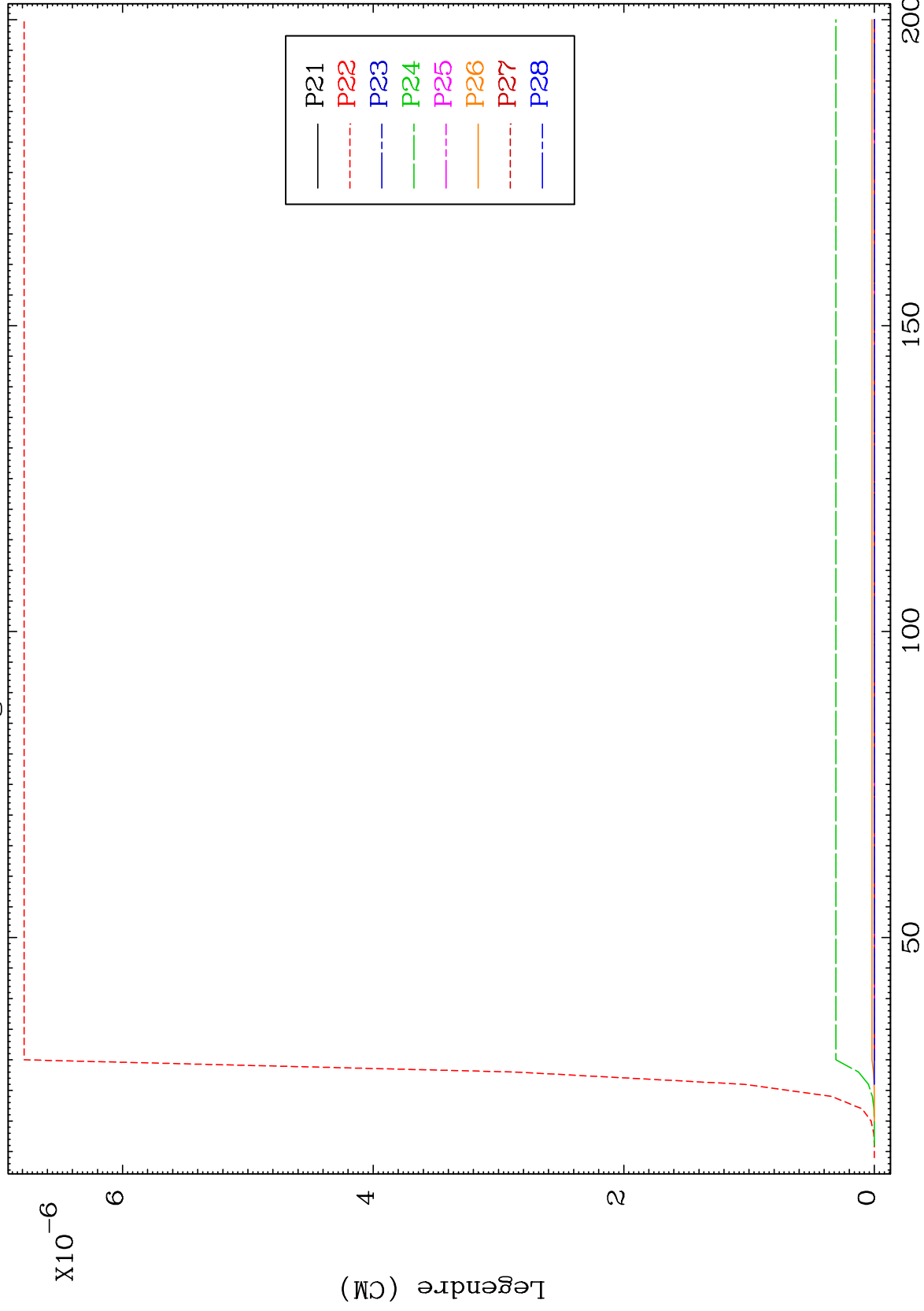
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



77

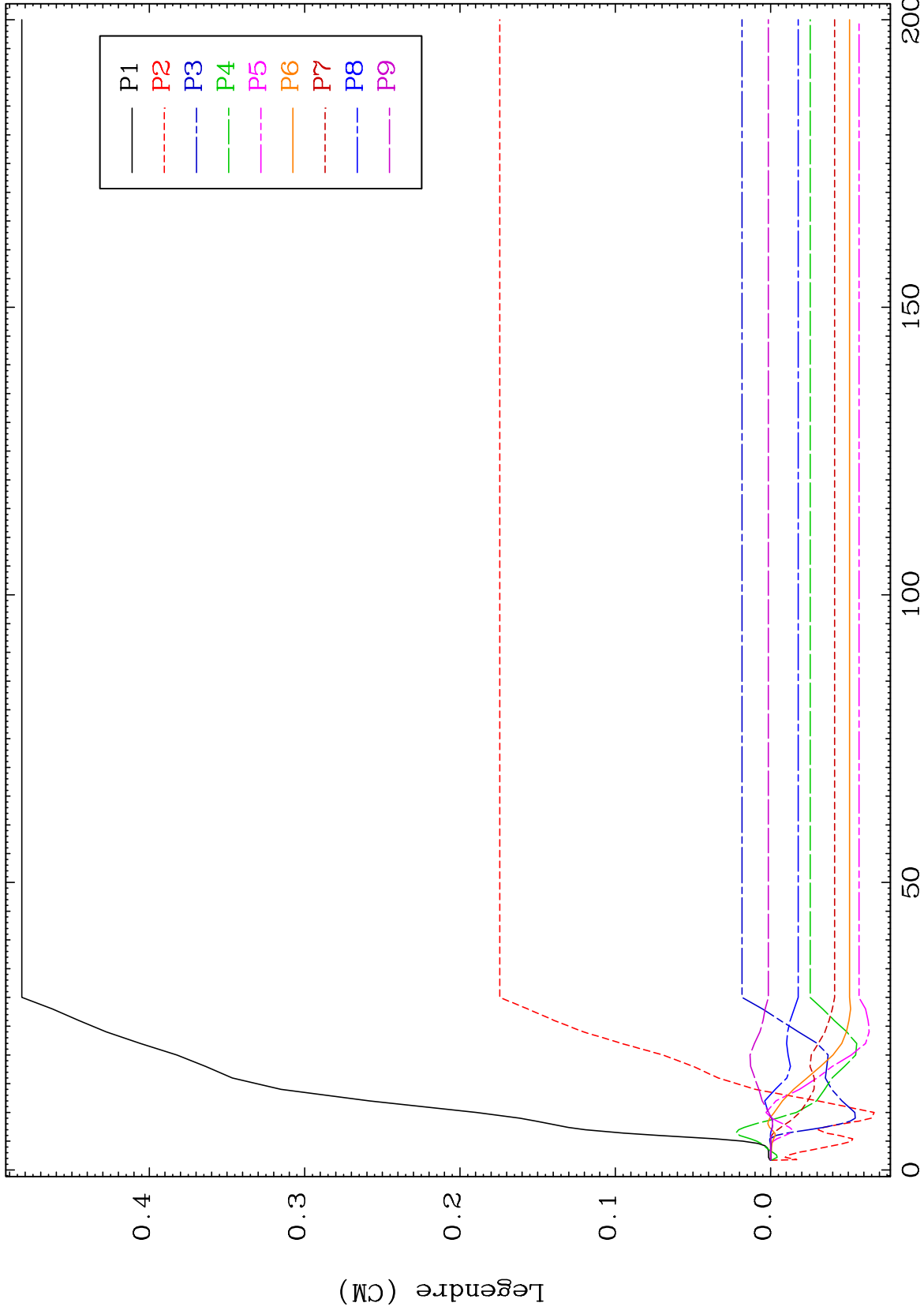
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



78

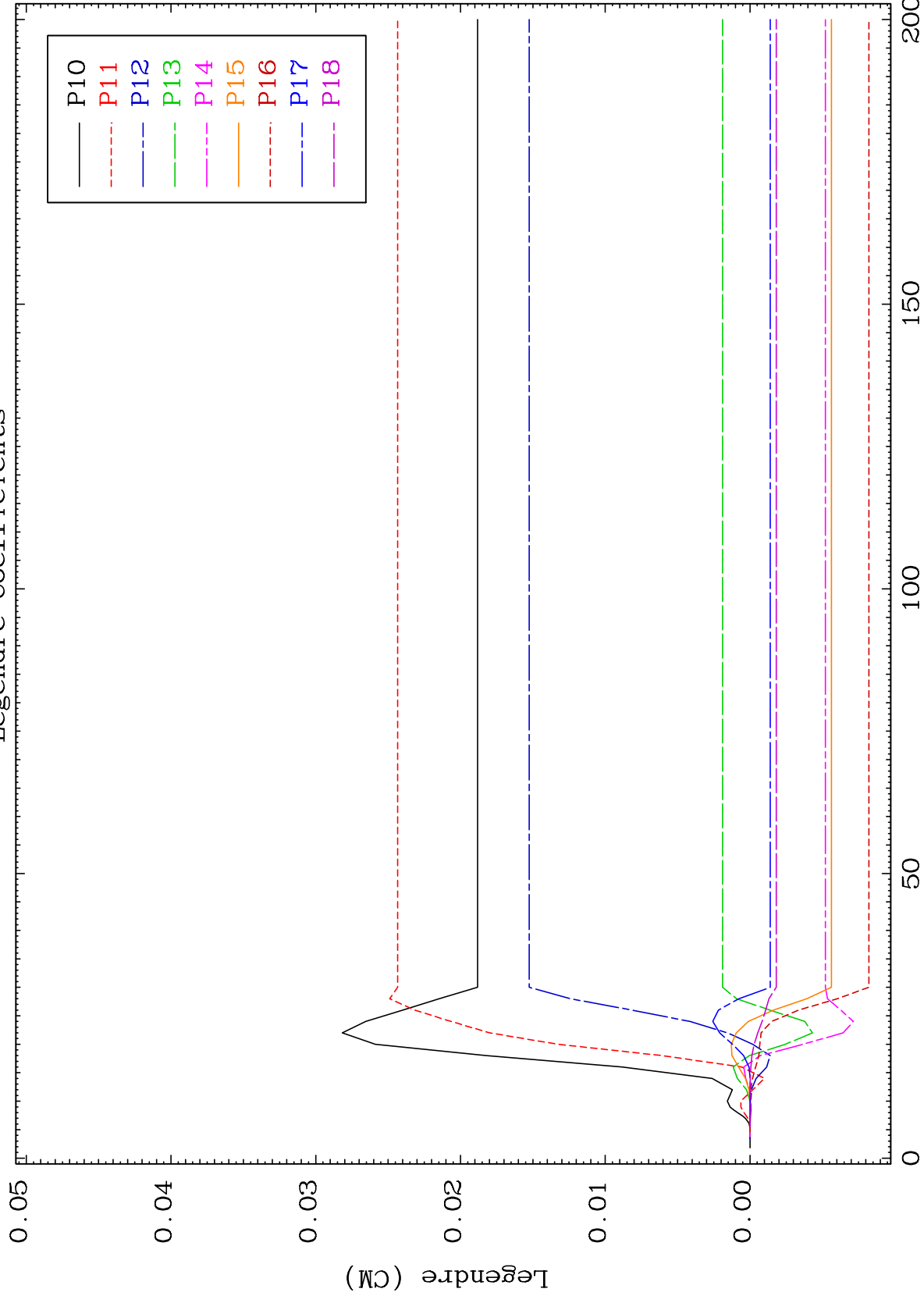
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



79

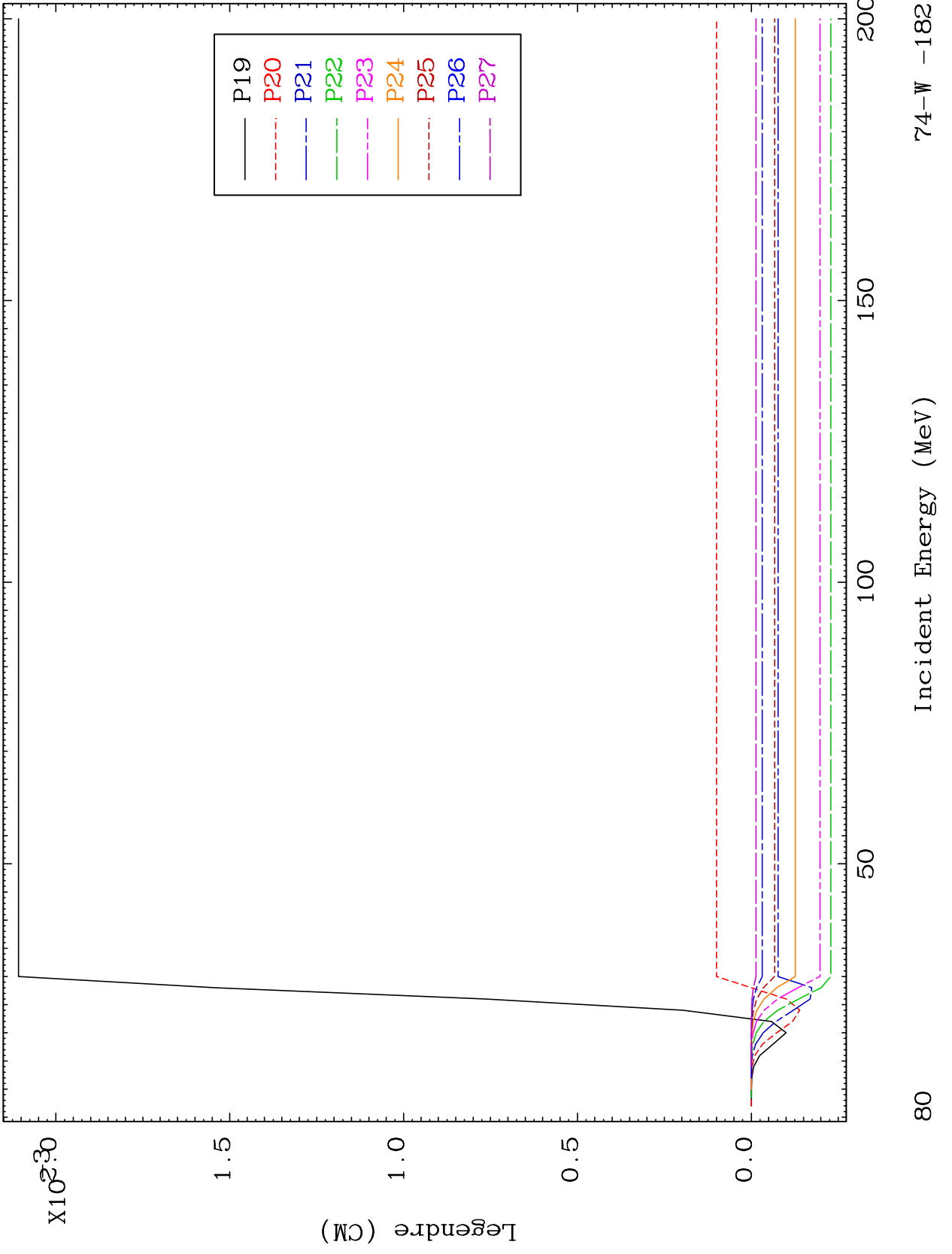
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



74-W -182

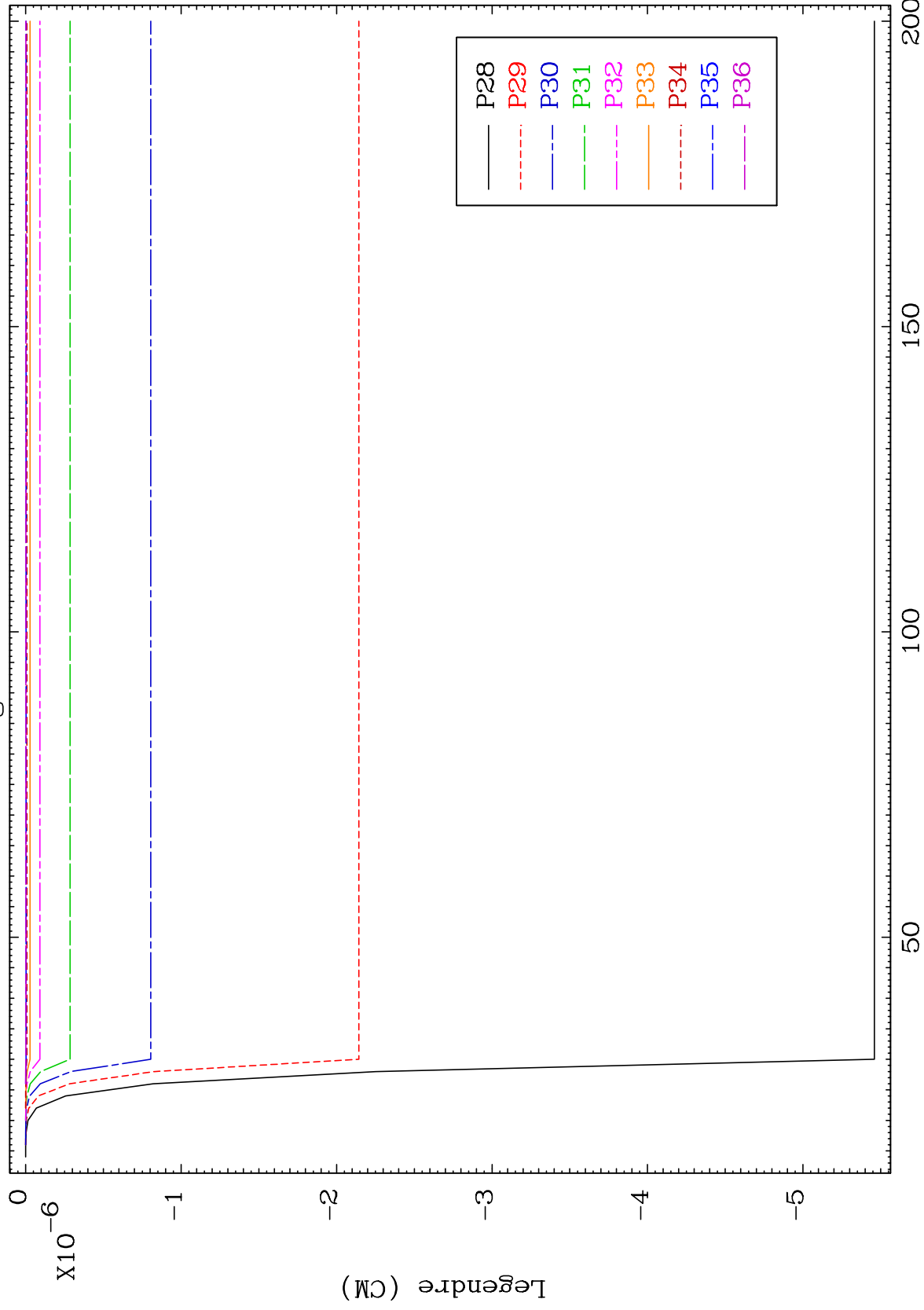
Incident Energy (MeV)

80

MAT 7431

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

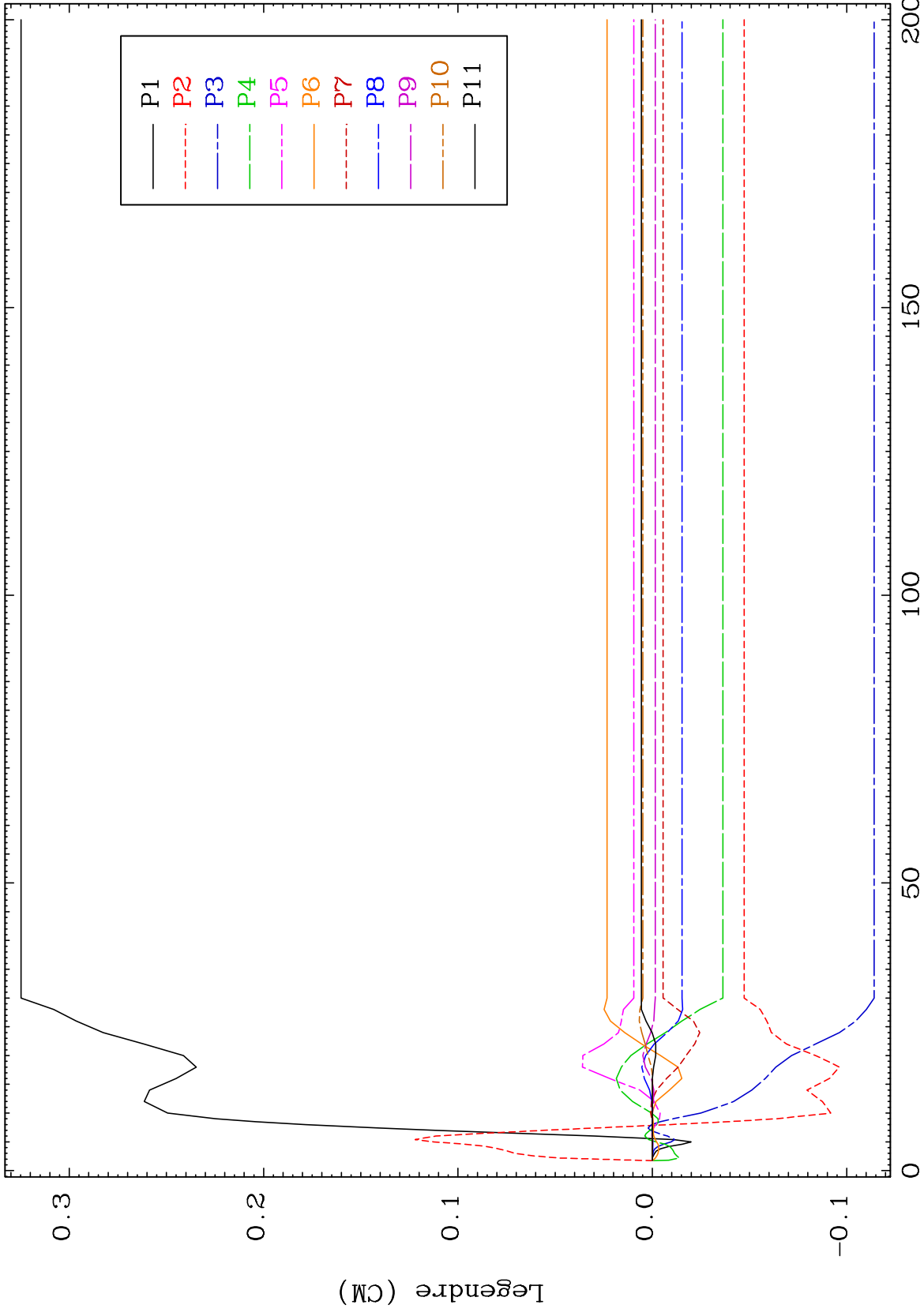
74-W -182

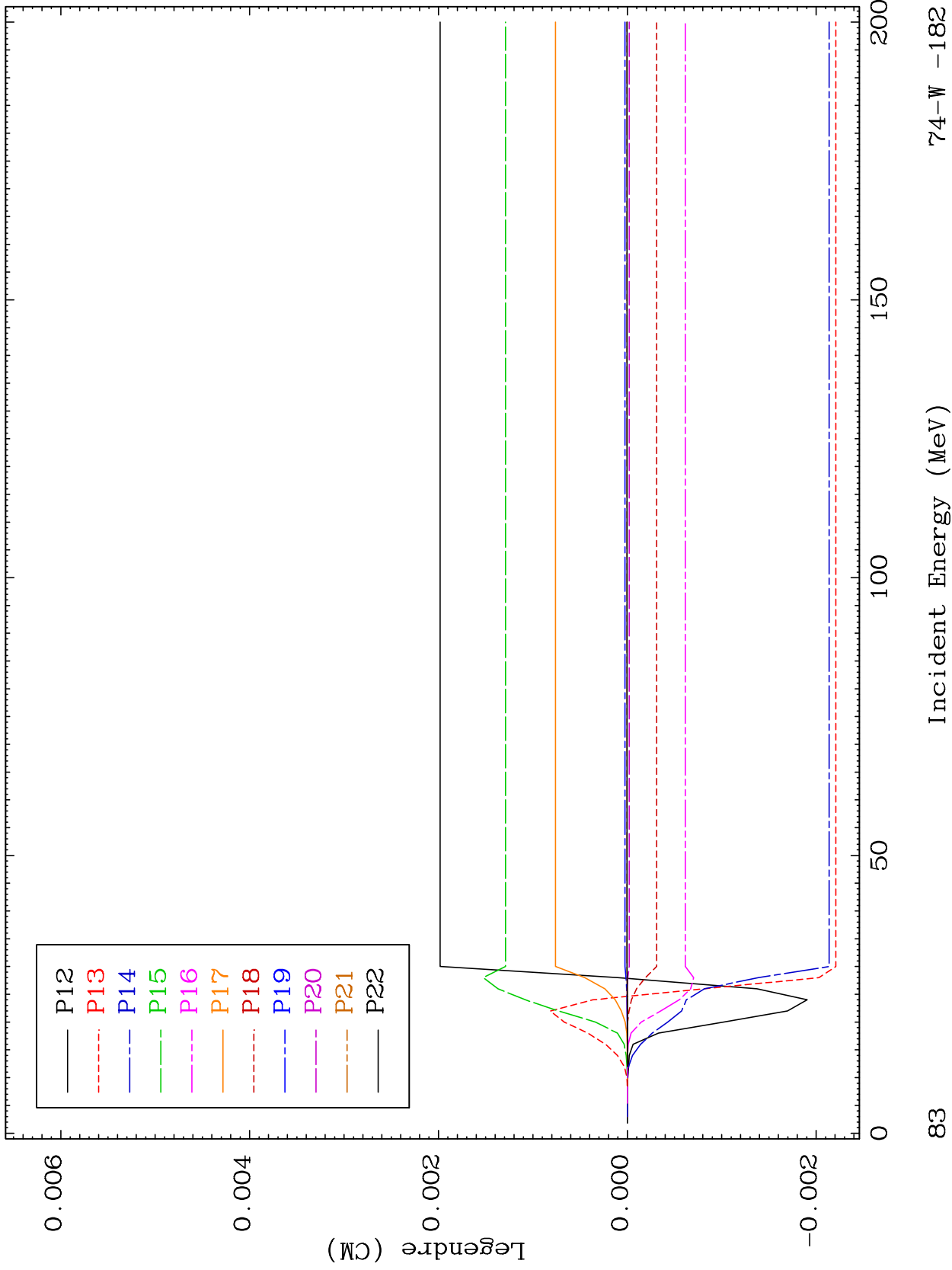


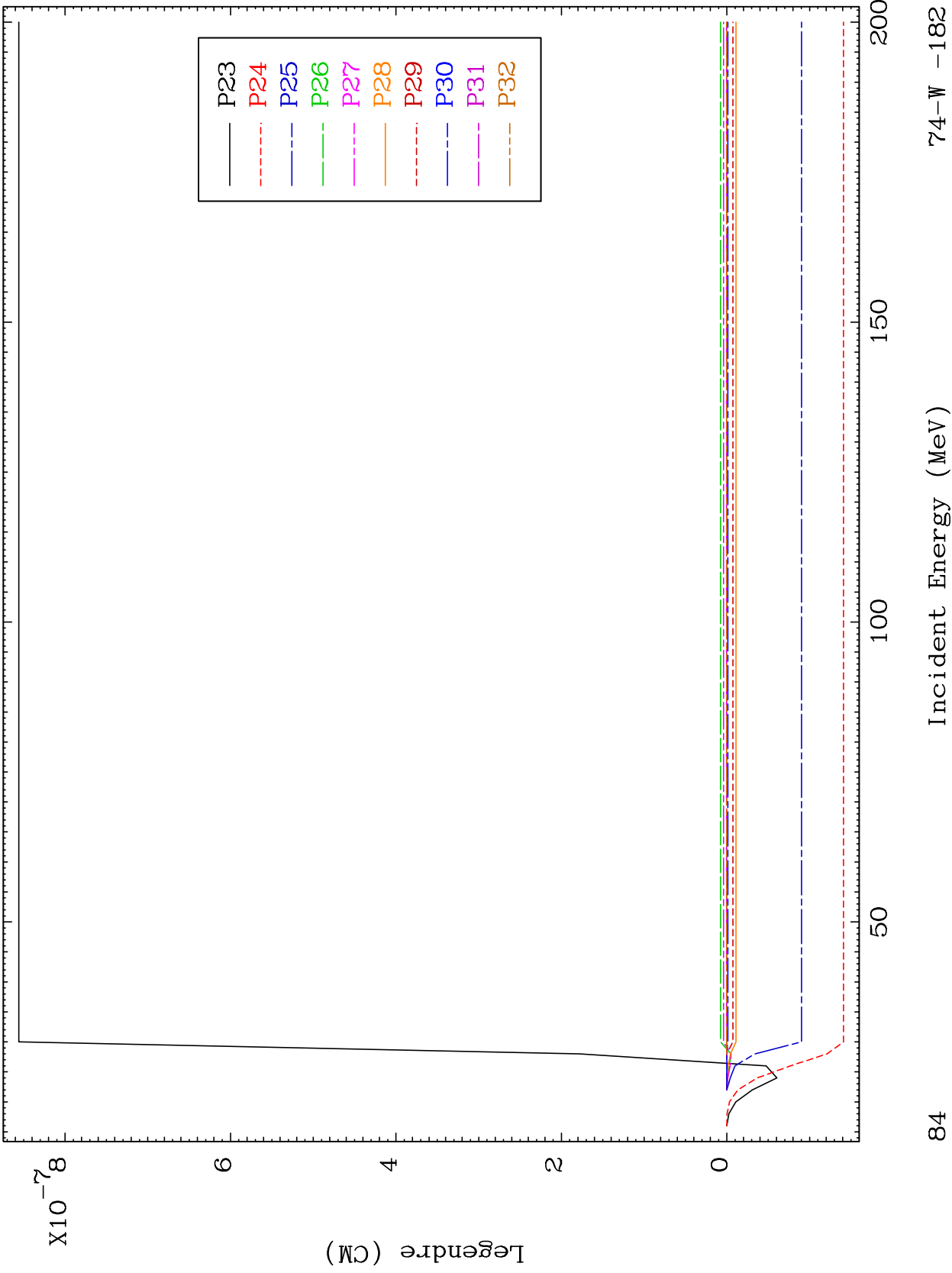
81

Incident Energy (MeV)

74-W -182



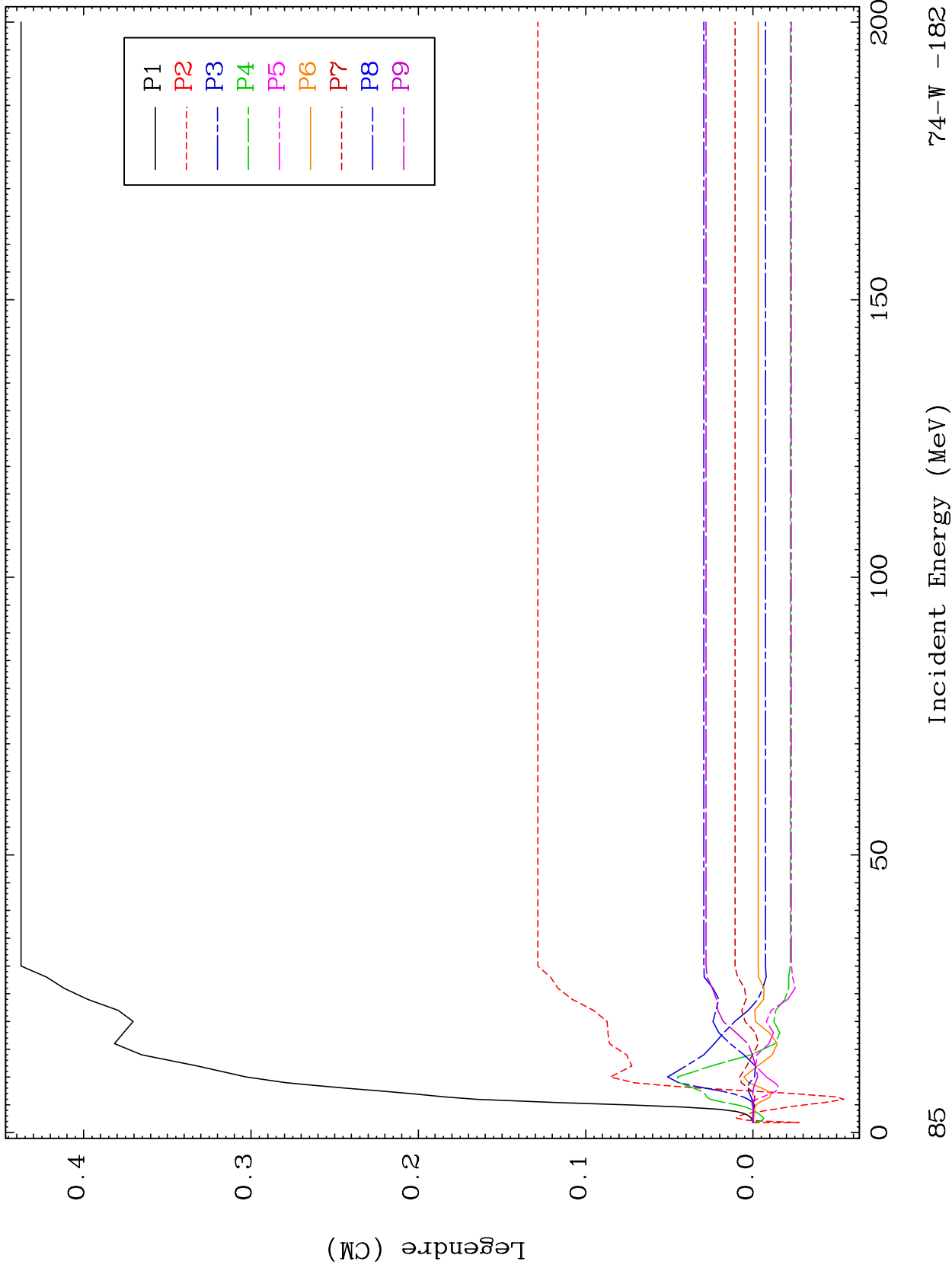




MAT 7431

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

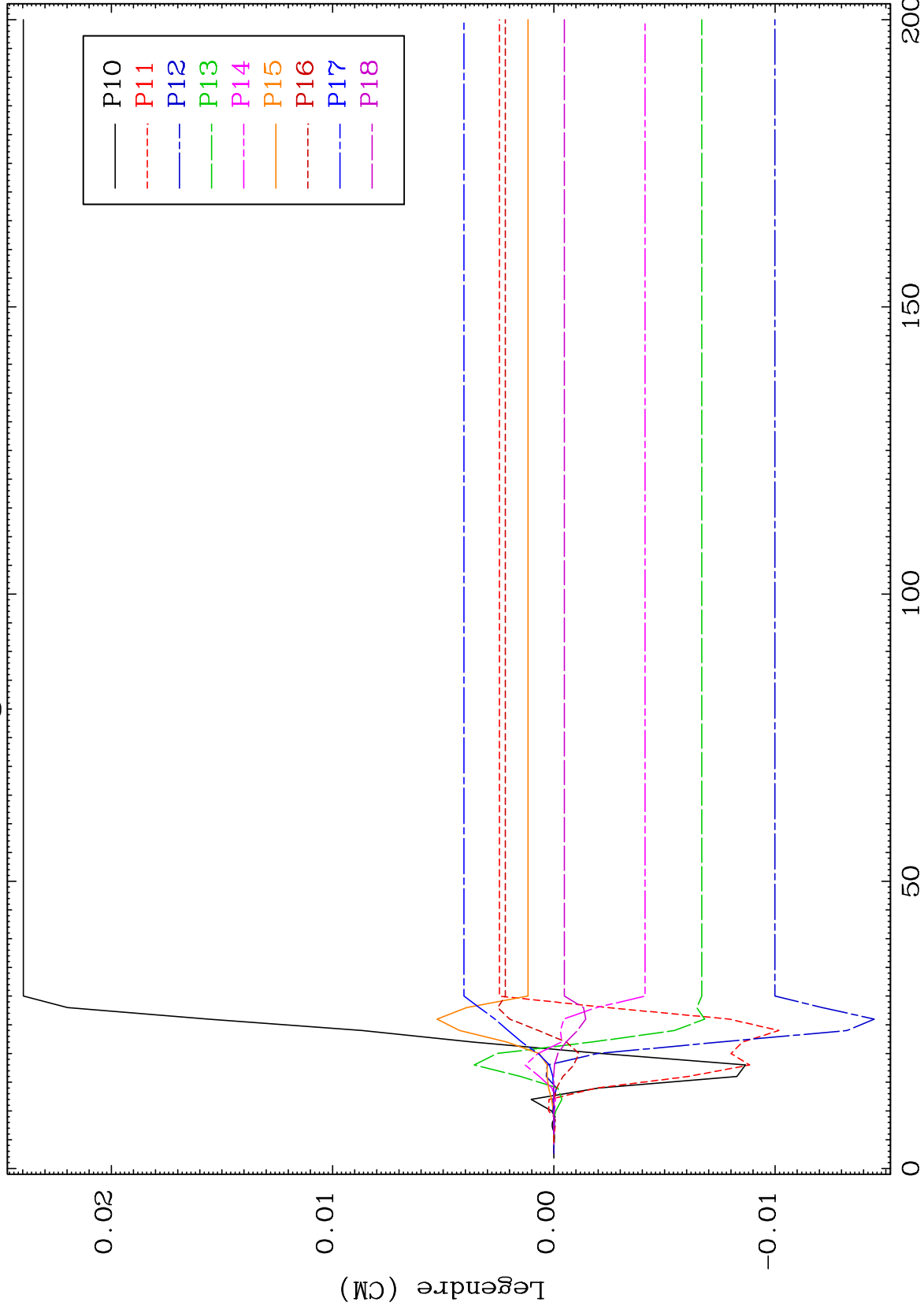
74-W -182



MAT 7431

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

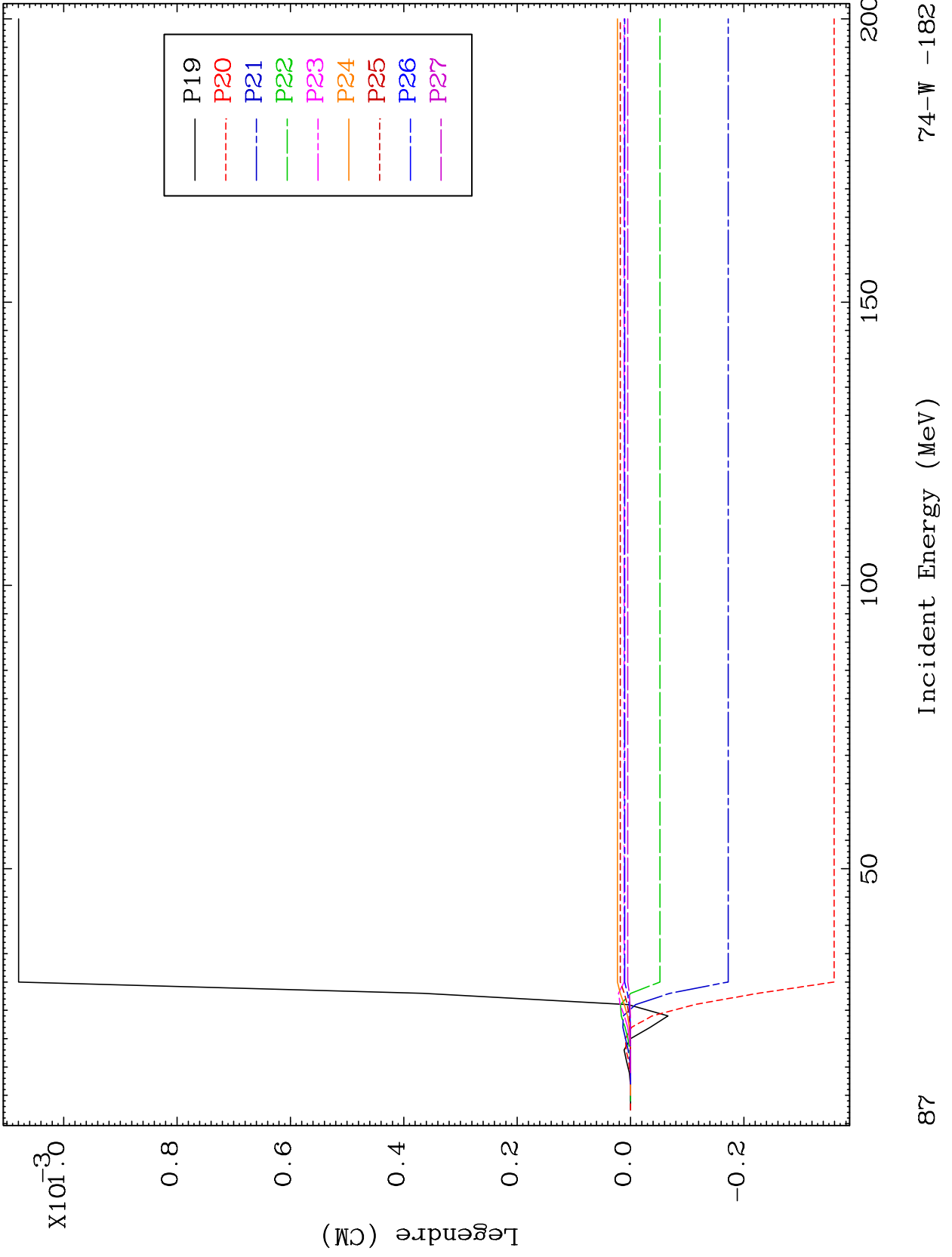
74-W -182

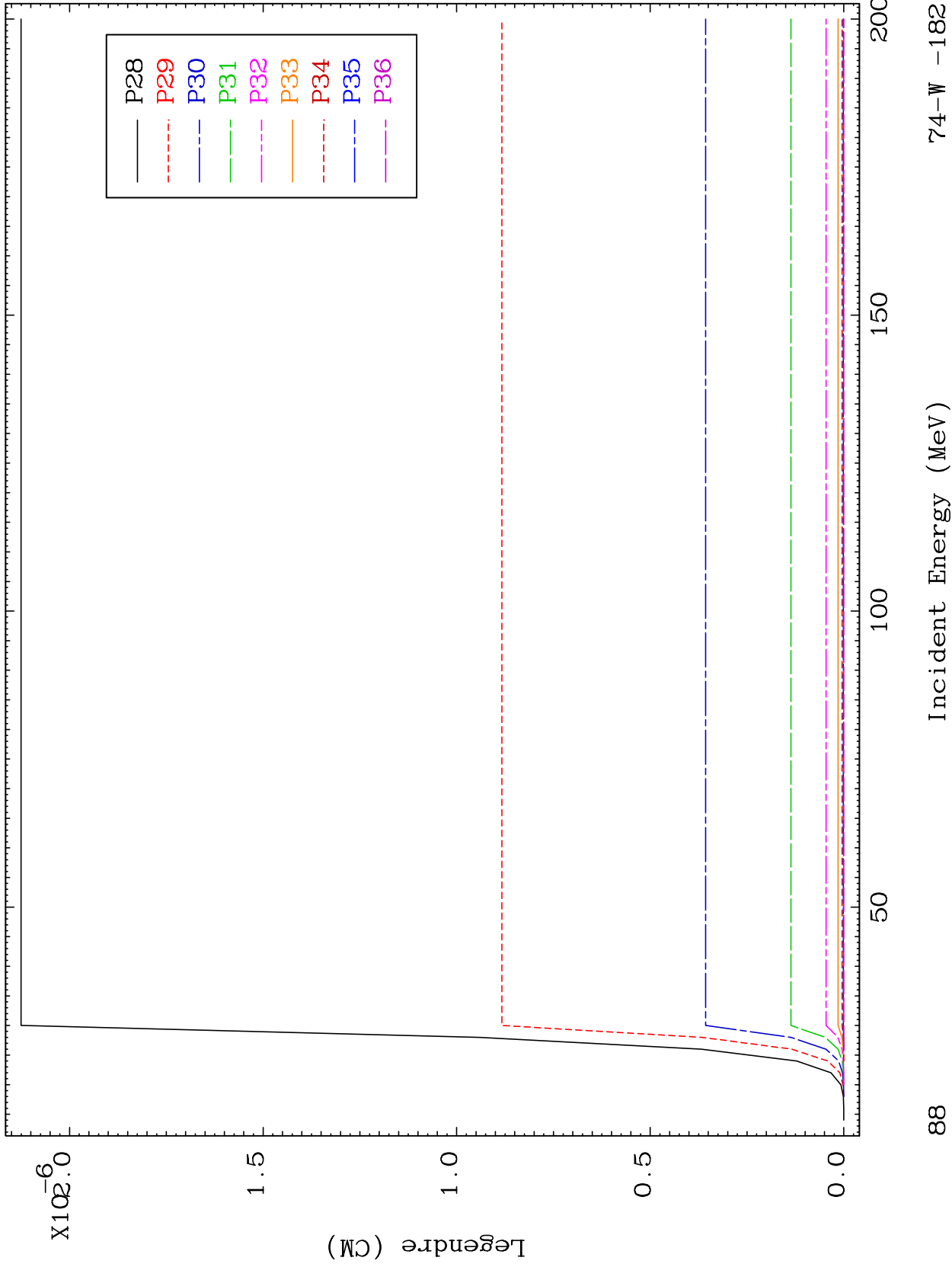


86

Incident Energy (MeV)

74-W -182

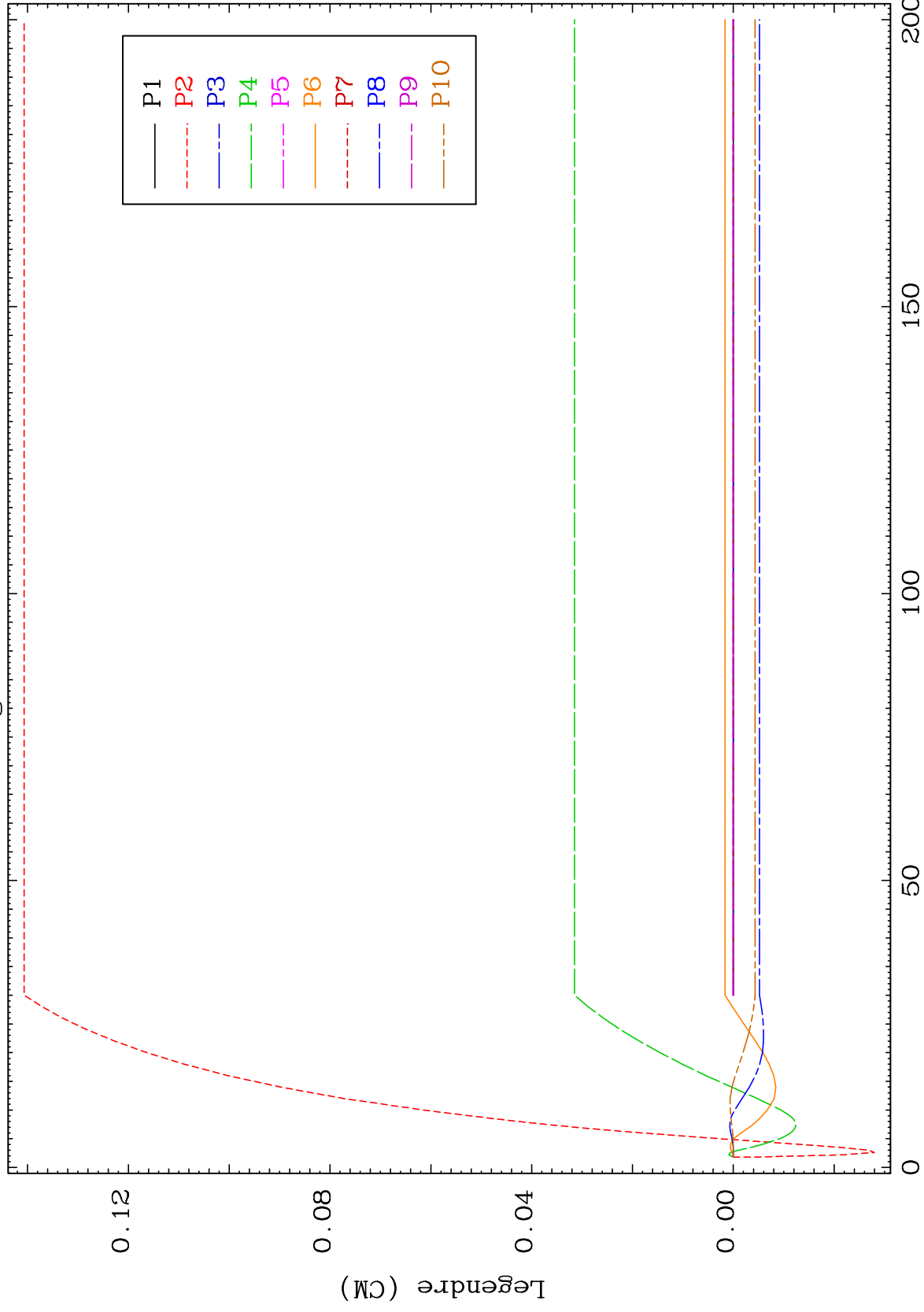




MAT 7431

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

74-W -182



89

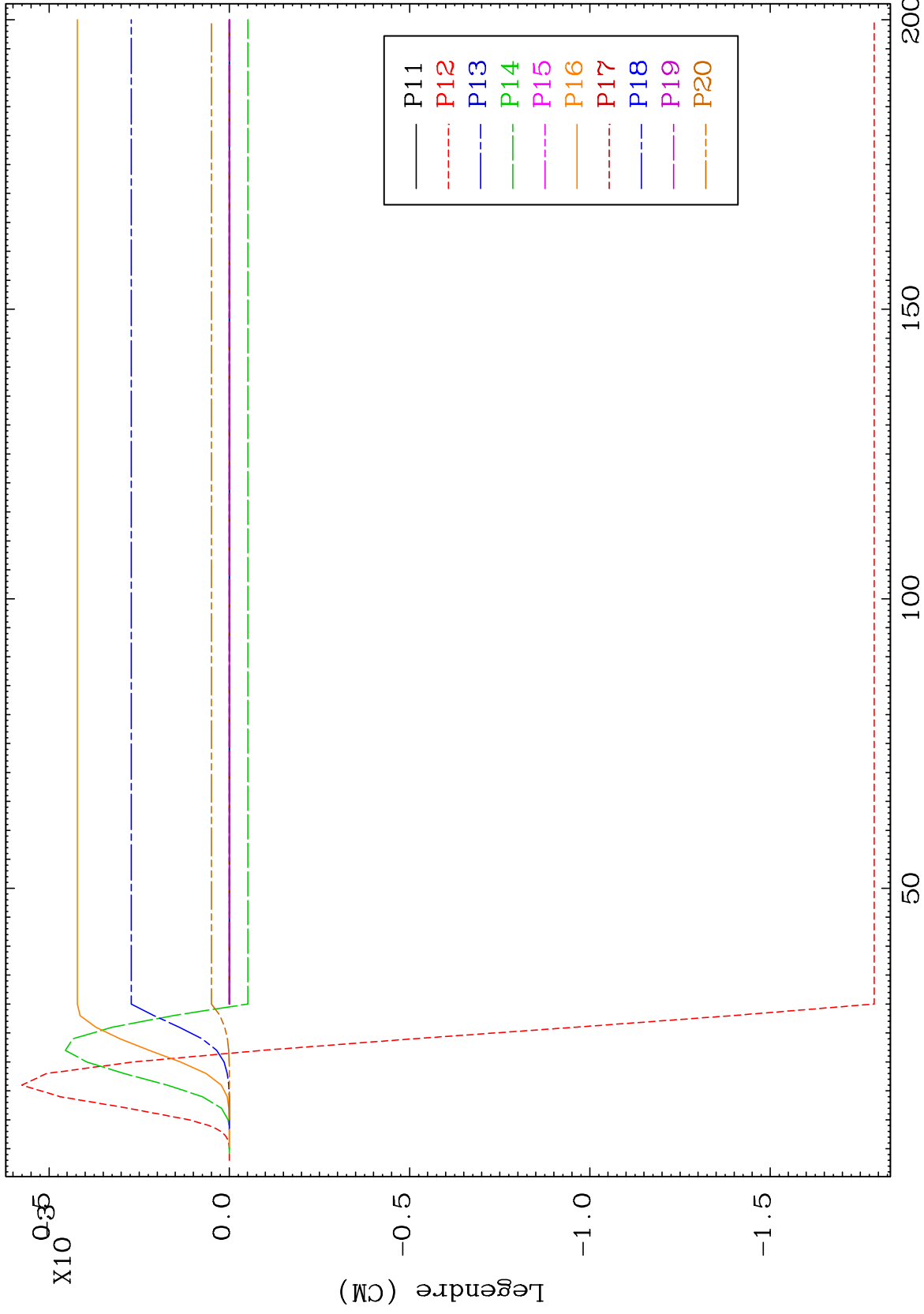
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



90

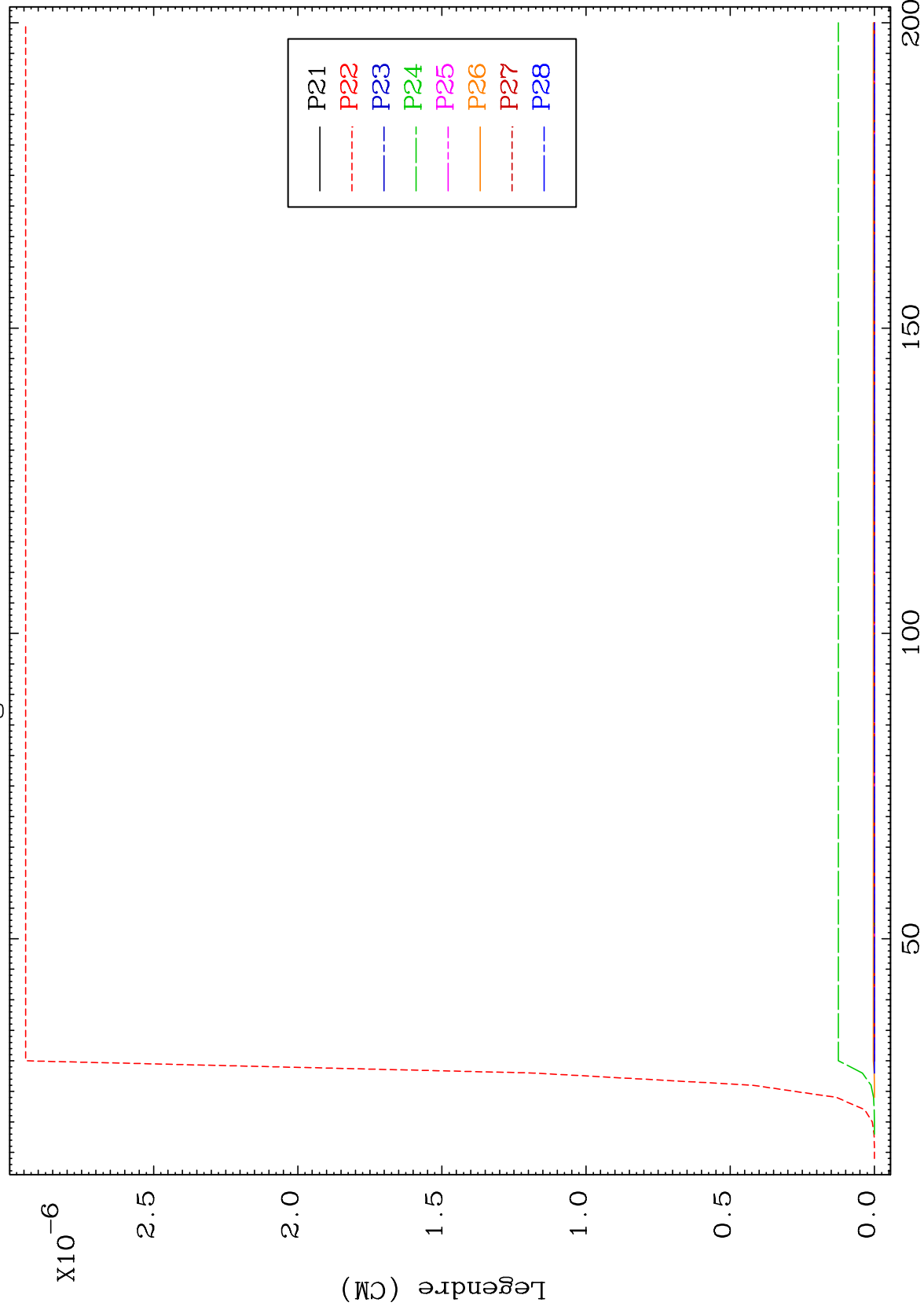
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



74-W -182

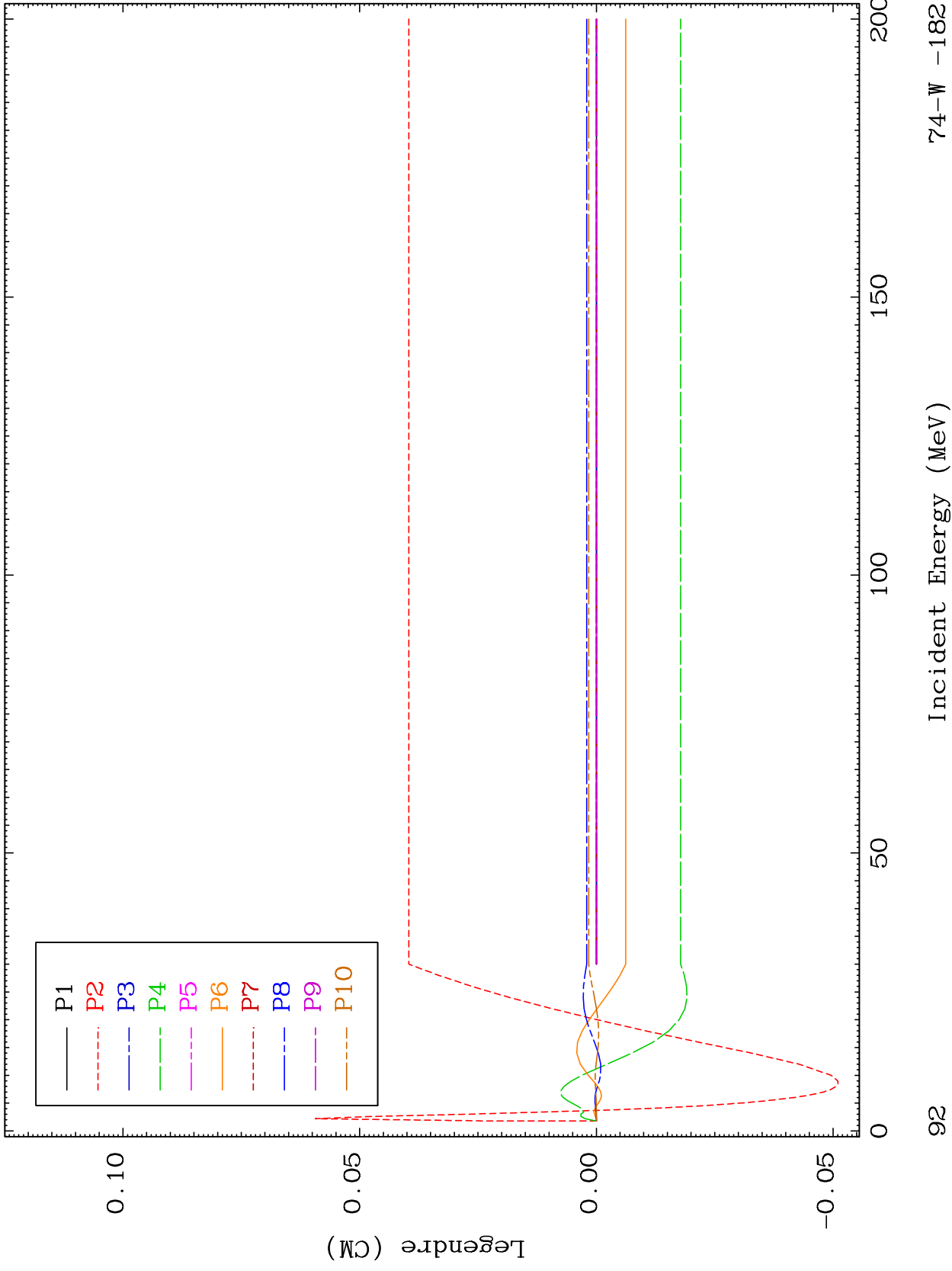
Incident Energy (MeV)

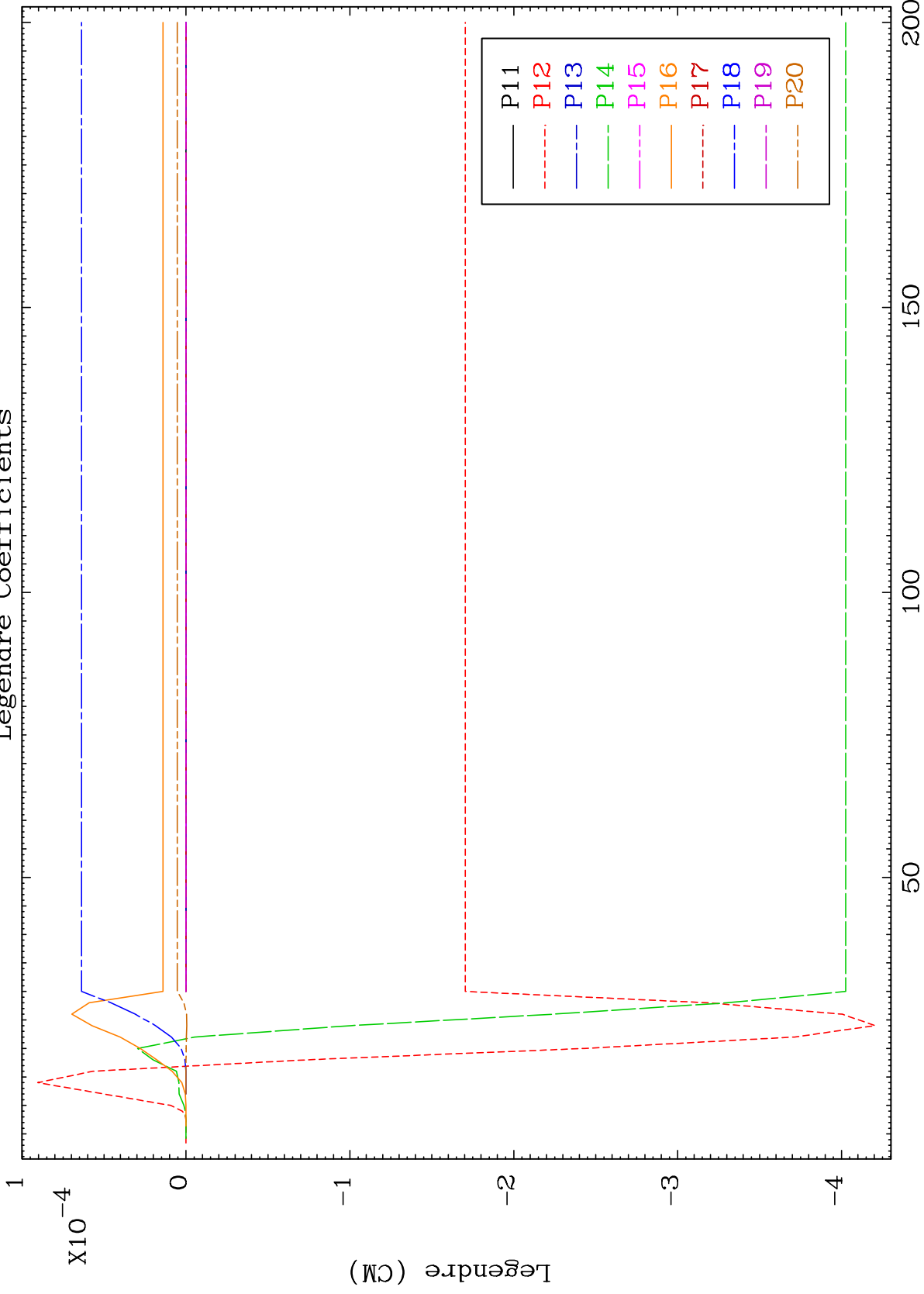
91

MAT 7431

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

74-W -182

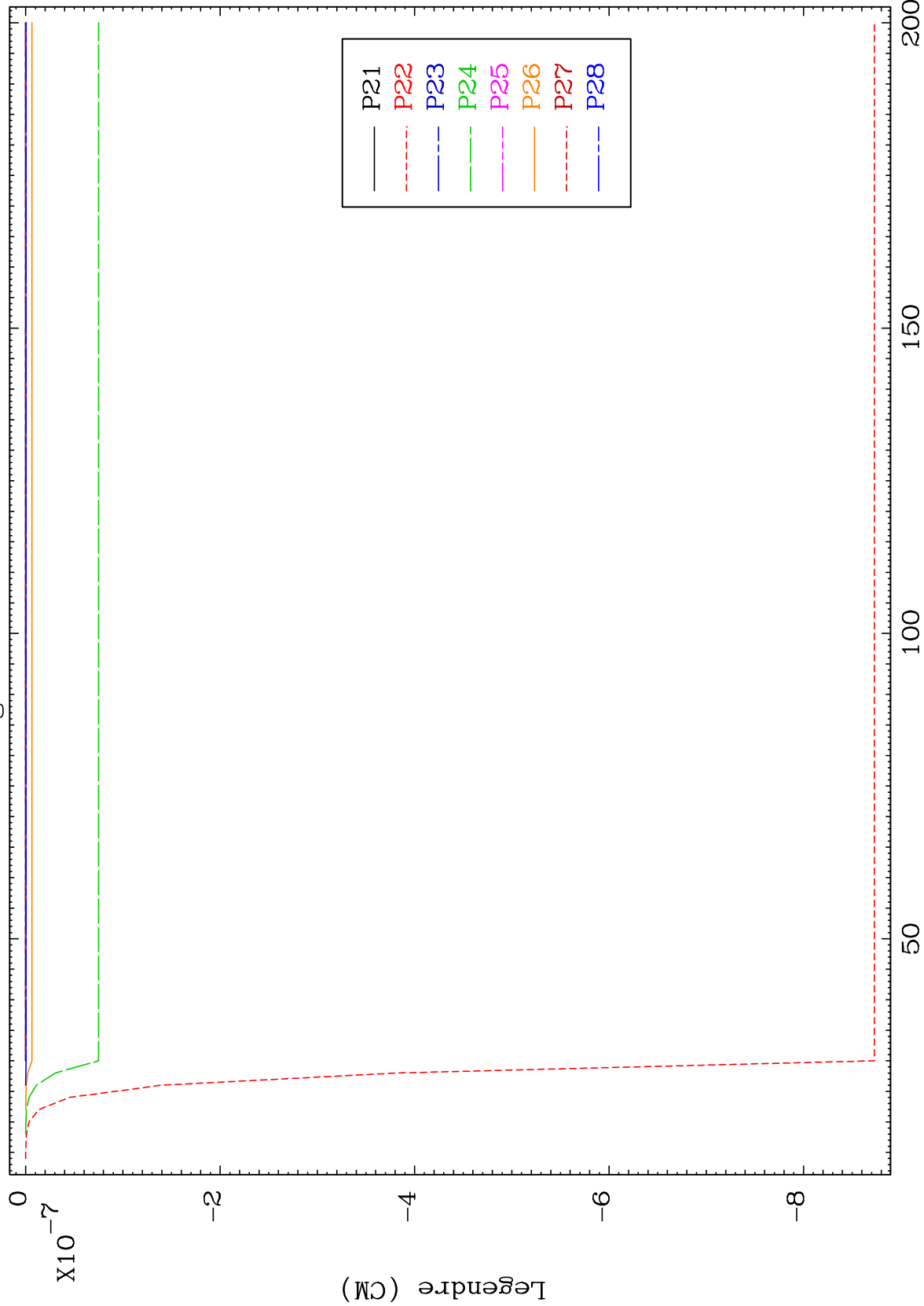




MAT 7431

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

74-W -182



74-W -182

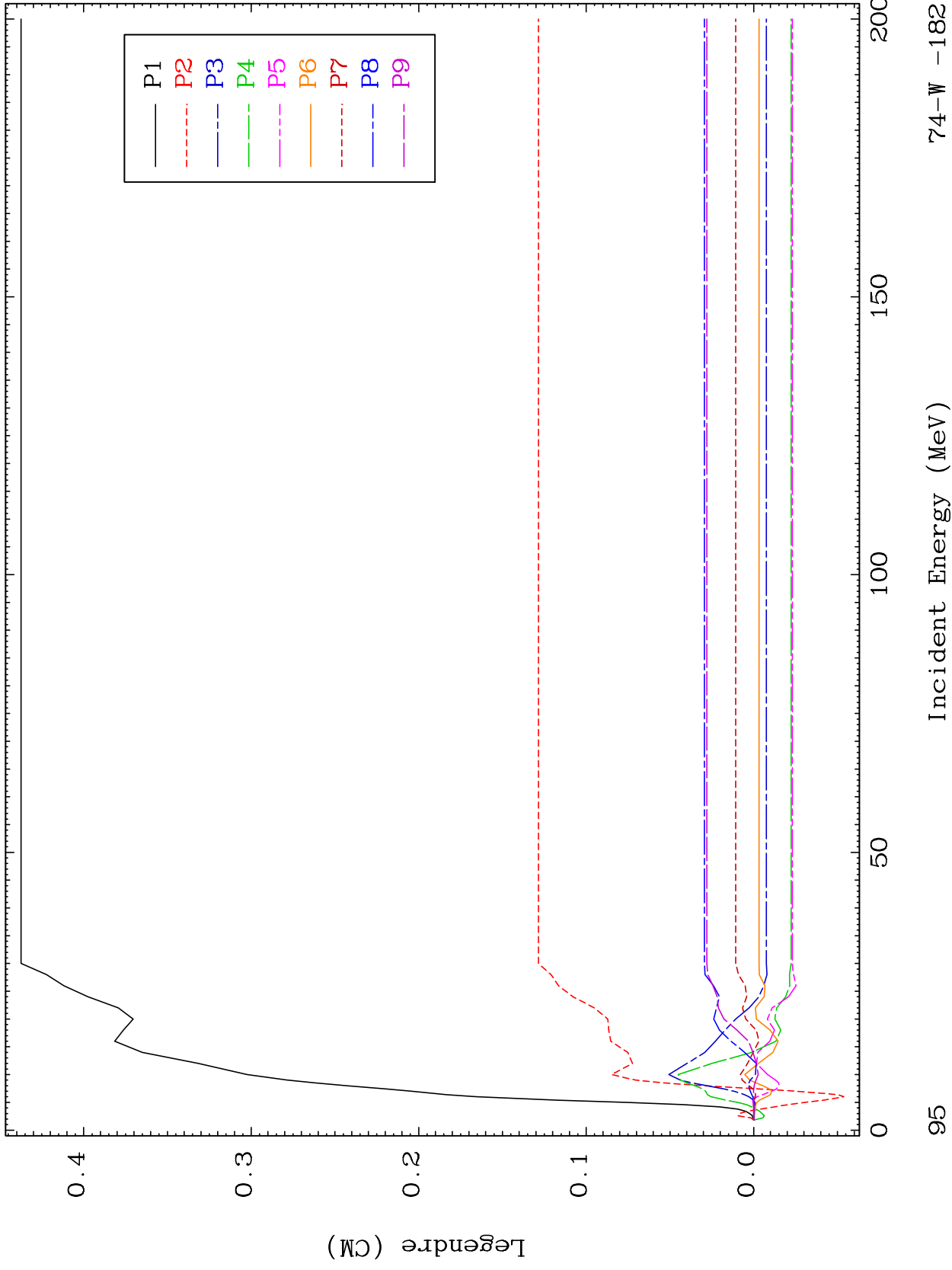
Incident Energy (MeV)

94

MAT 7431

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

74-W -182



74-W -182

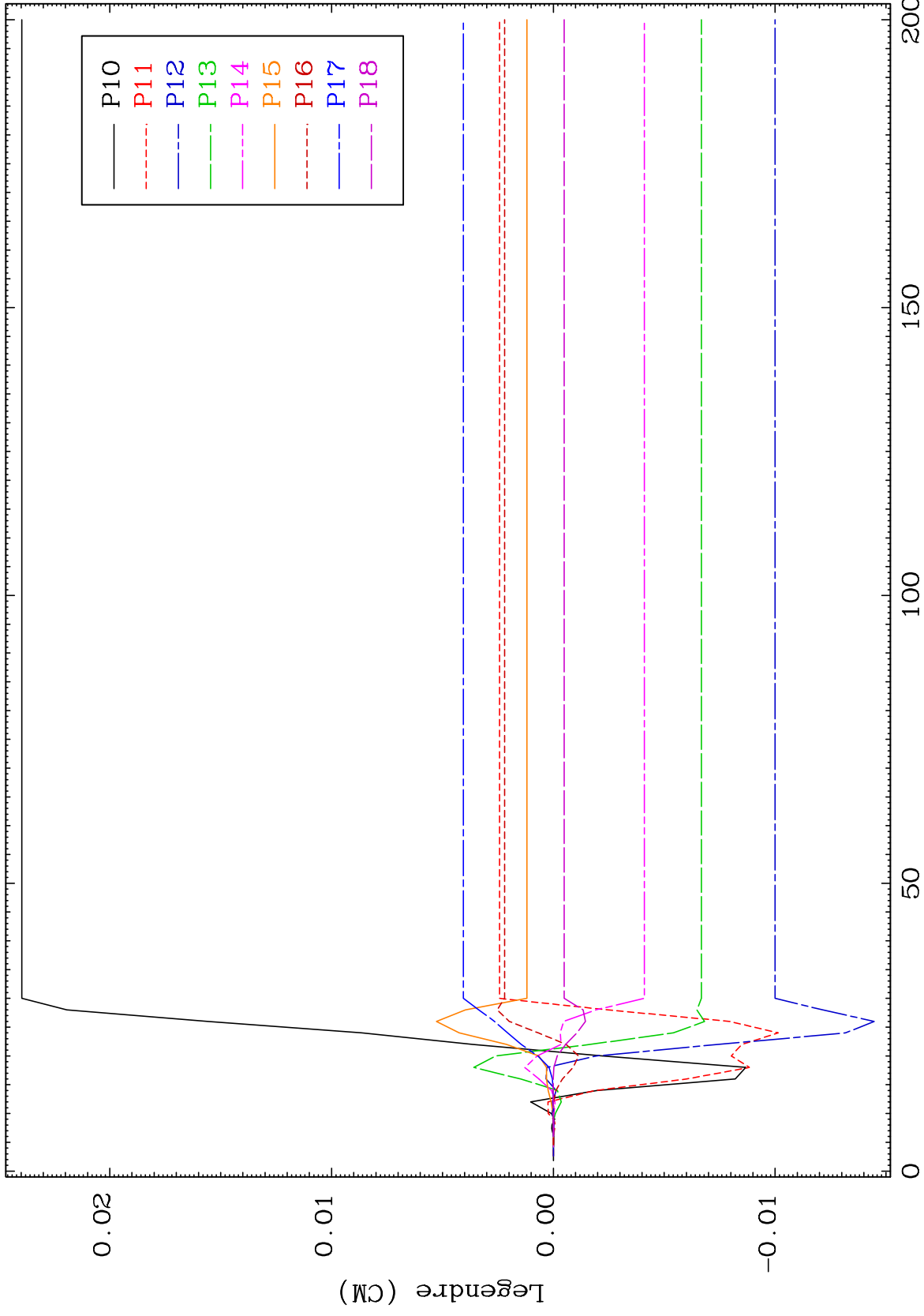
Incident Energy (MeV)

95

MAT 7431

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

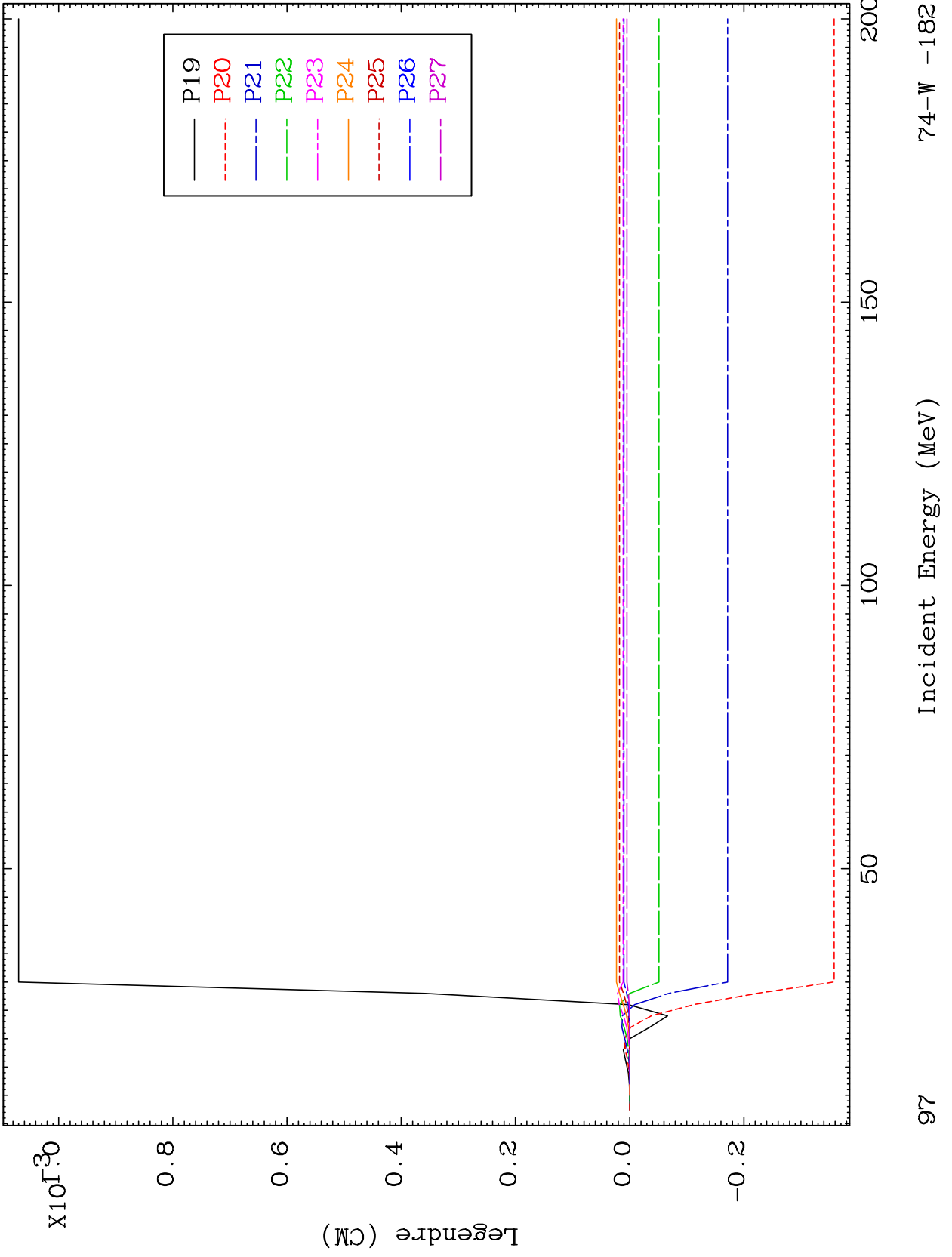
74-W -182

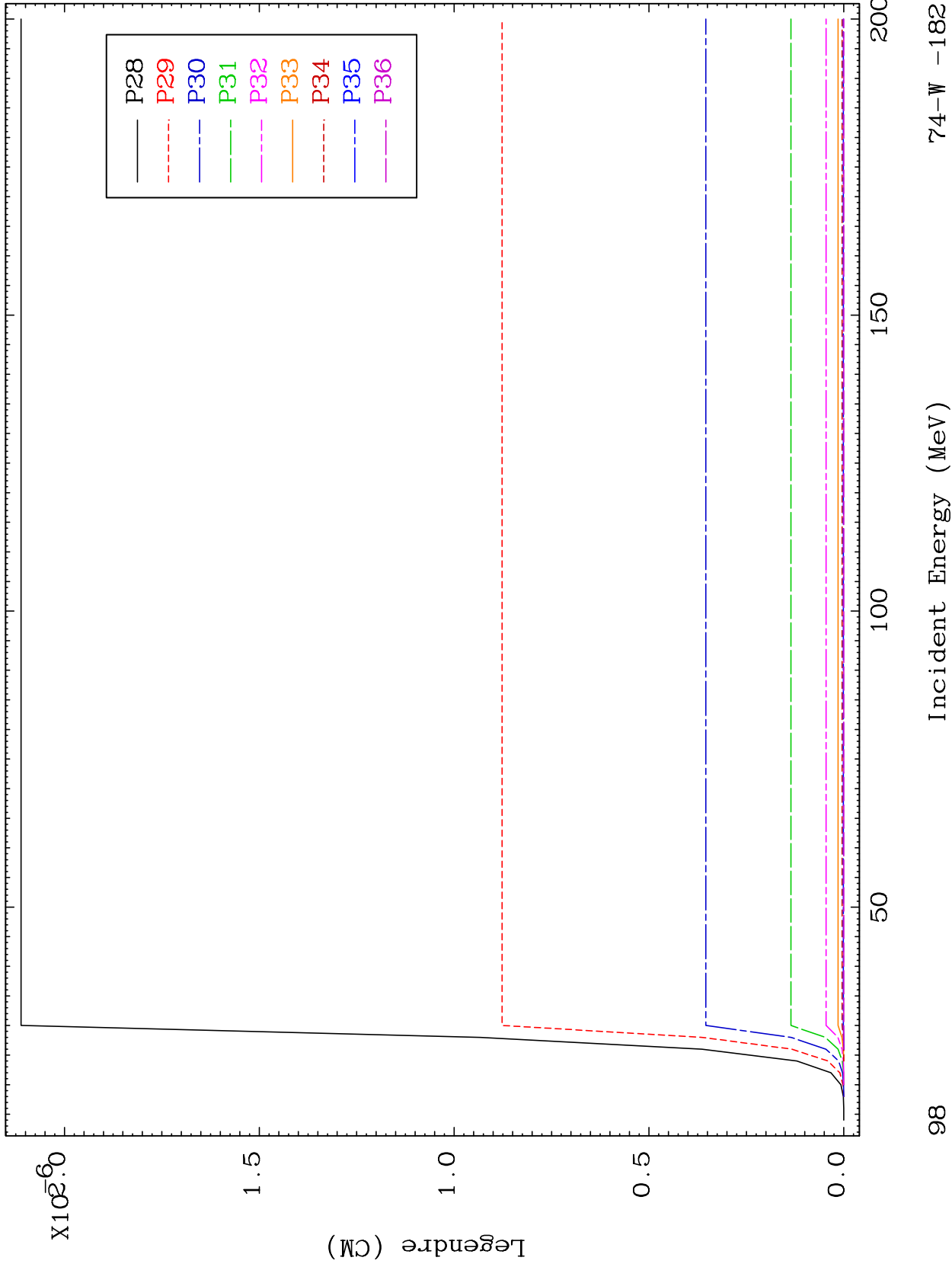


96

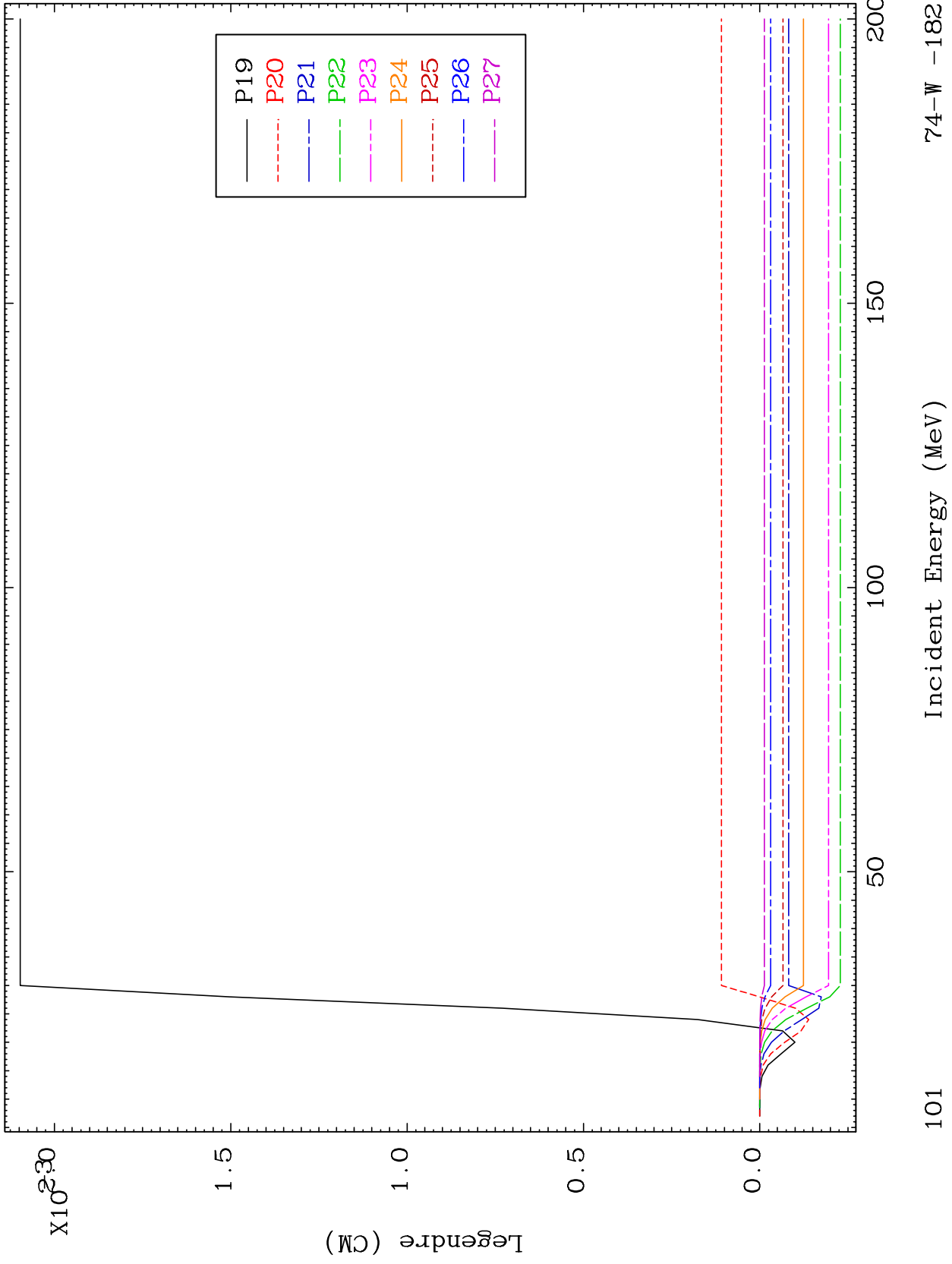
Incident Energy (MeV)

74-W -182





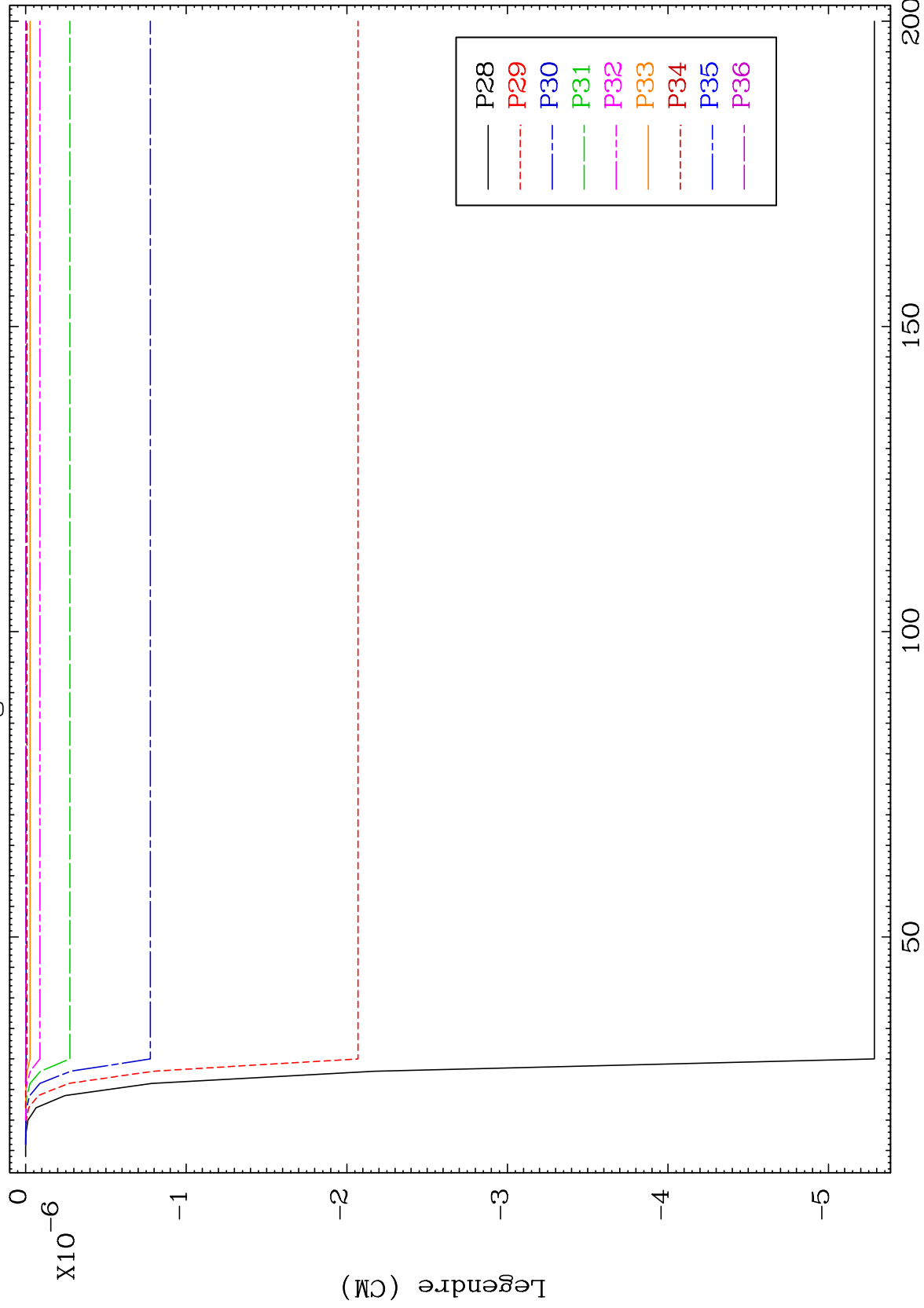




MAT 7431

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

74-W -182



102

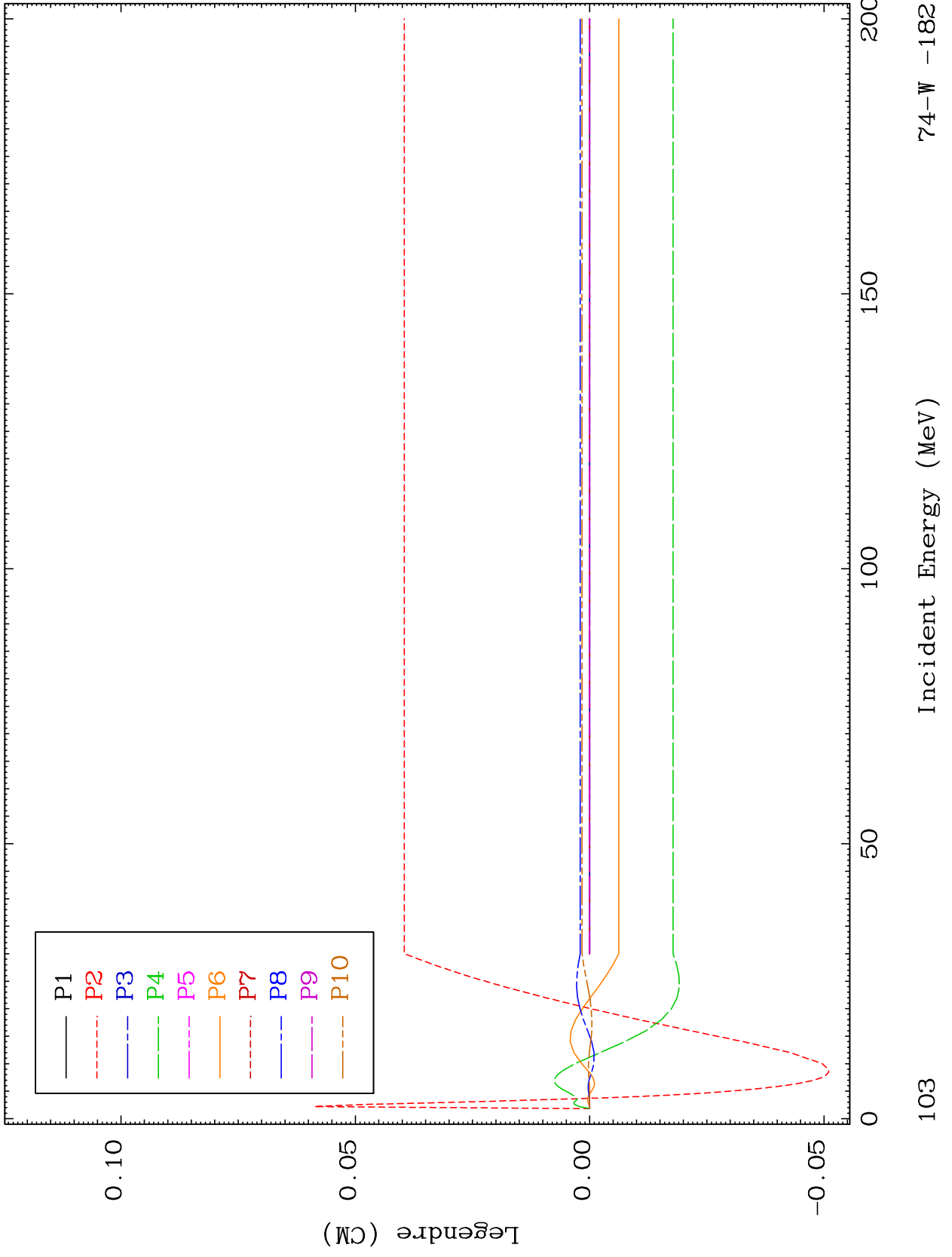
Incident Energy (MeV)

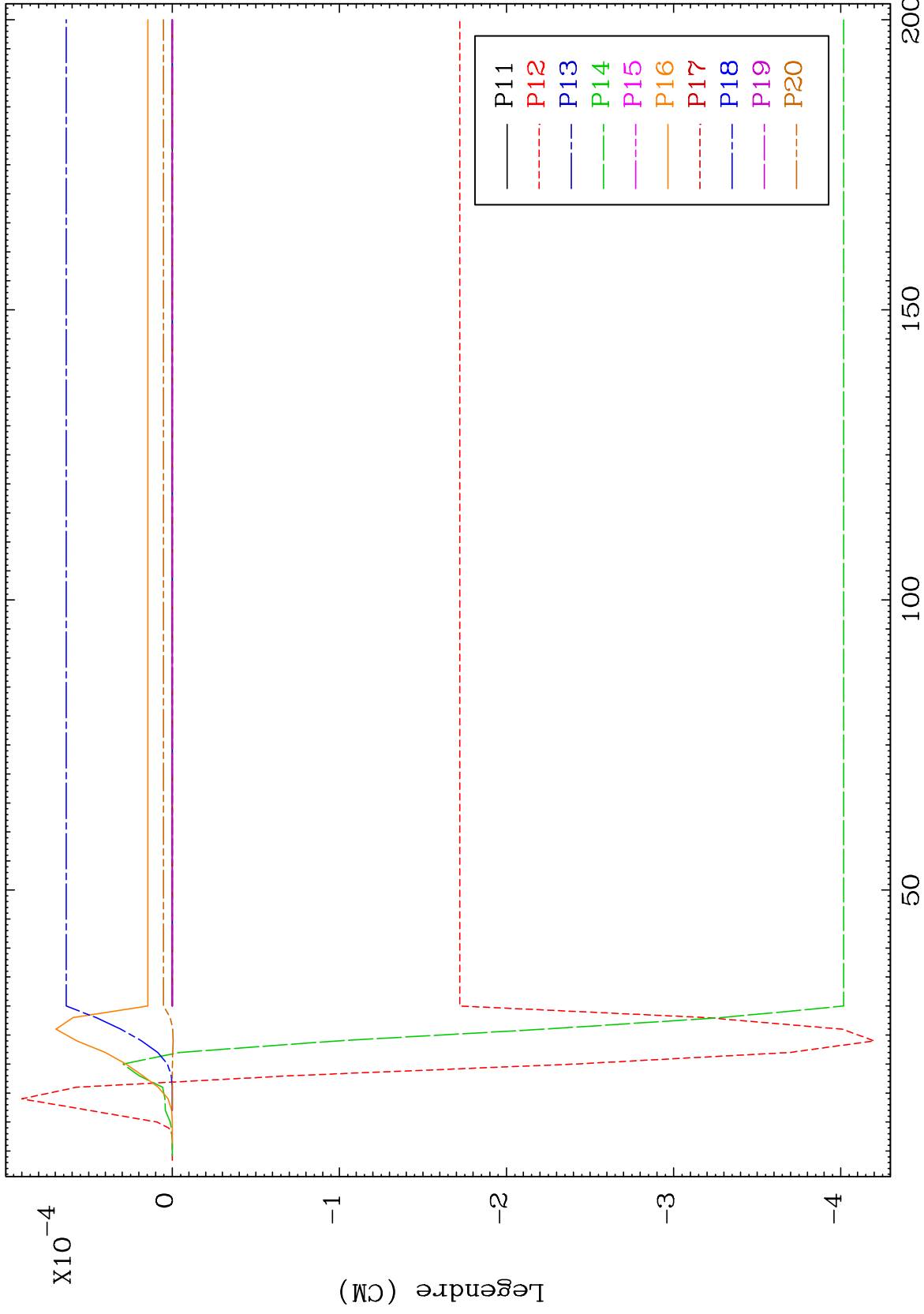
74-W -182

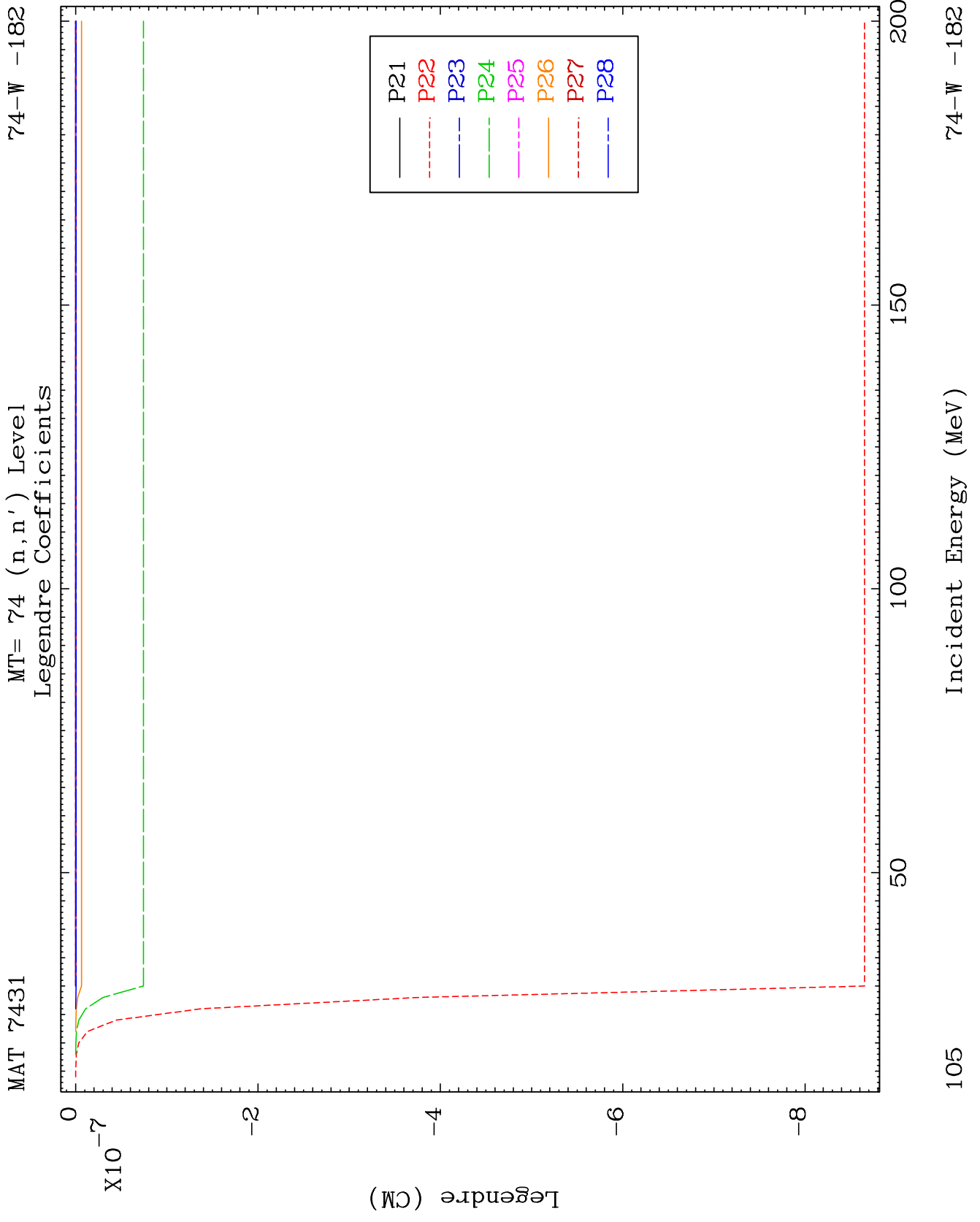
MAT 7431

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

74-W -182



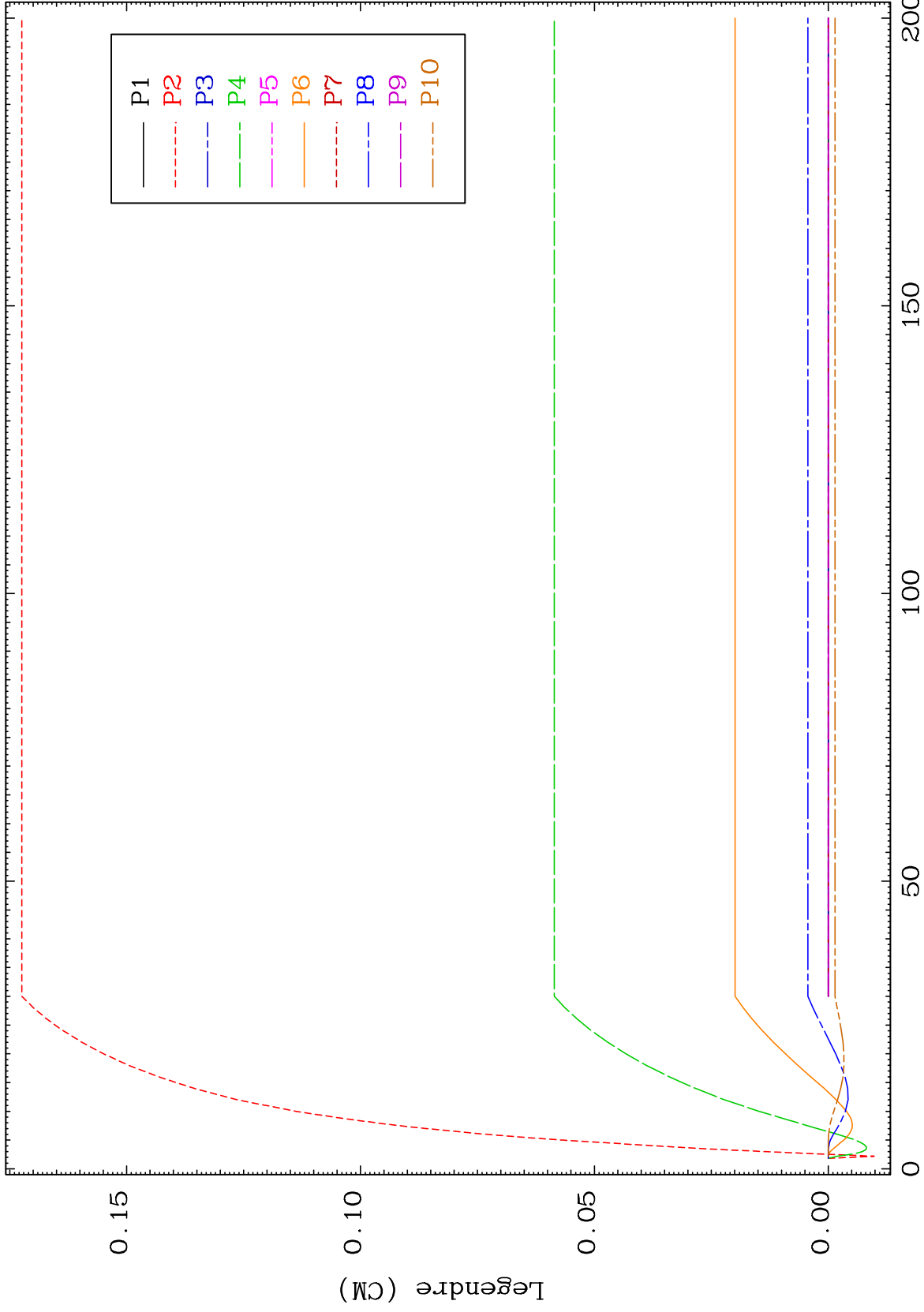




MAT 7431

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

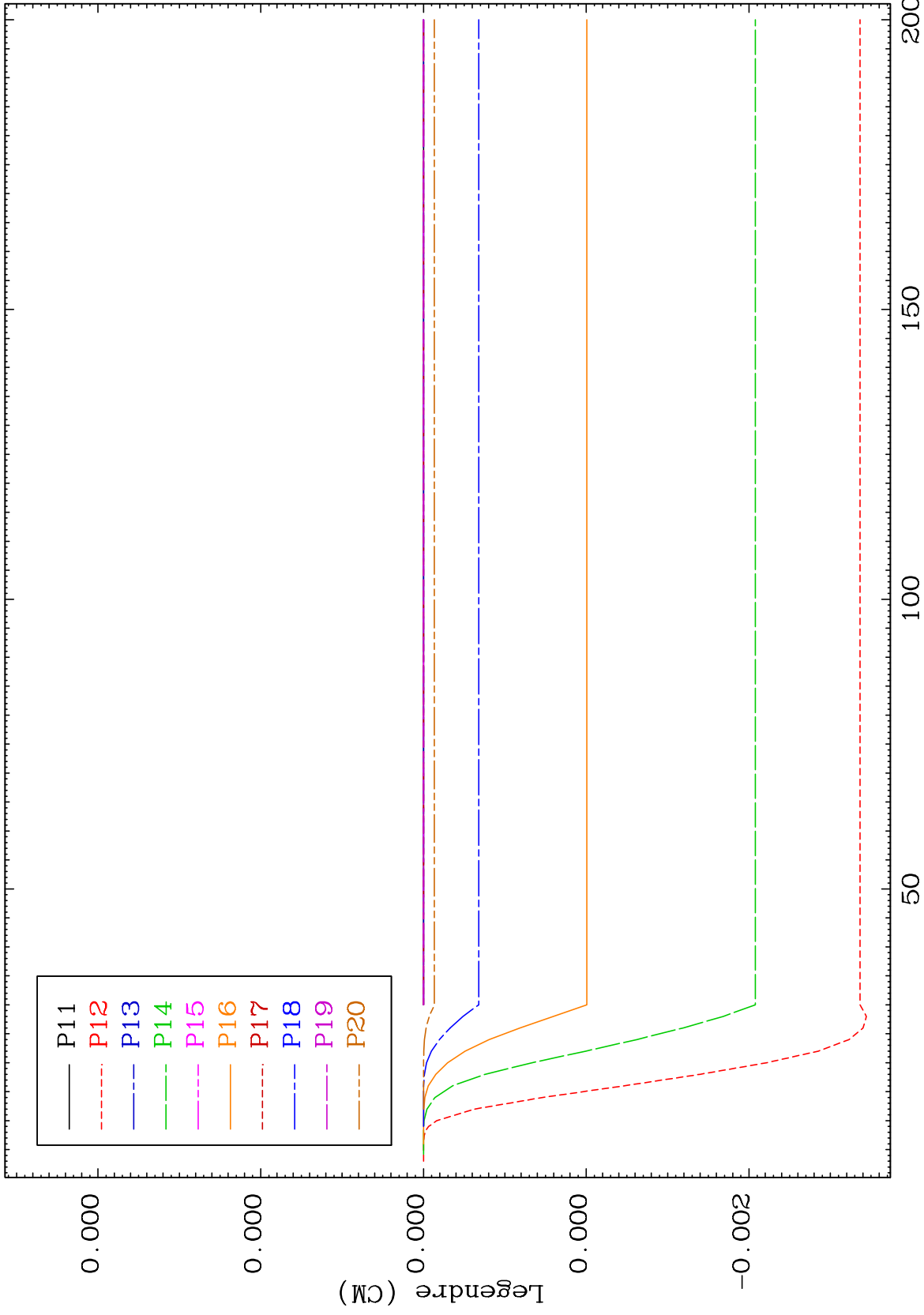
74-W -182

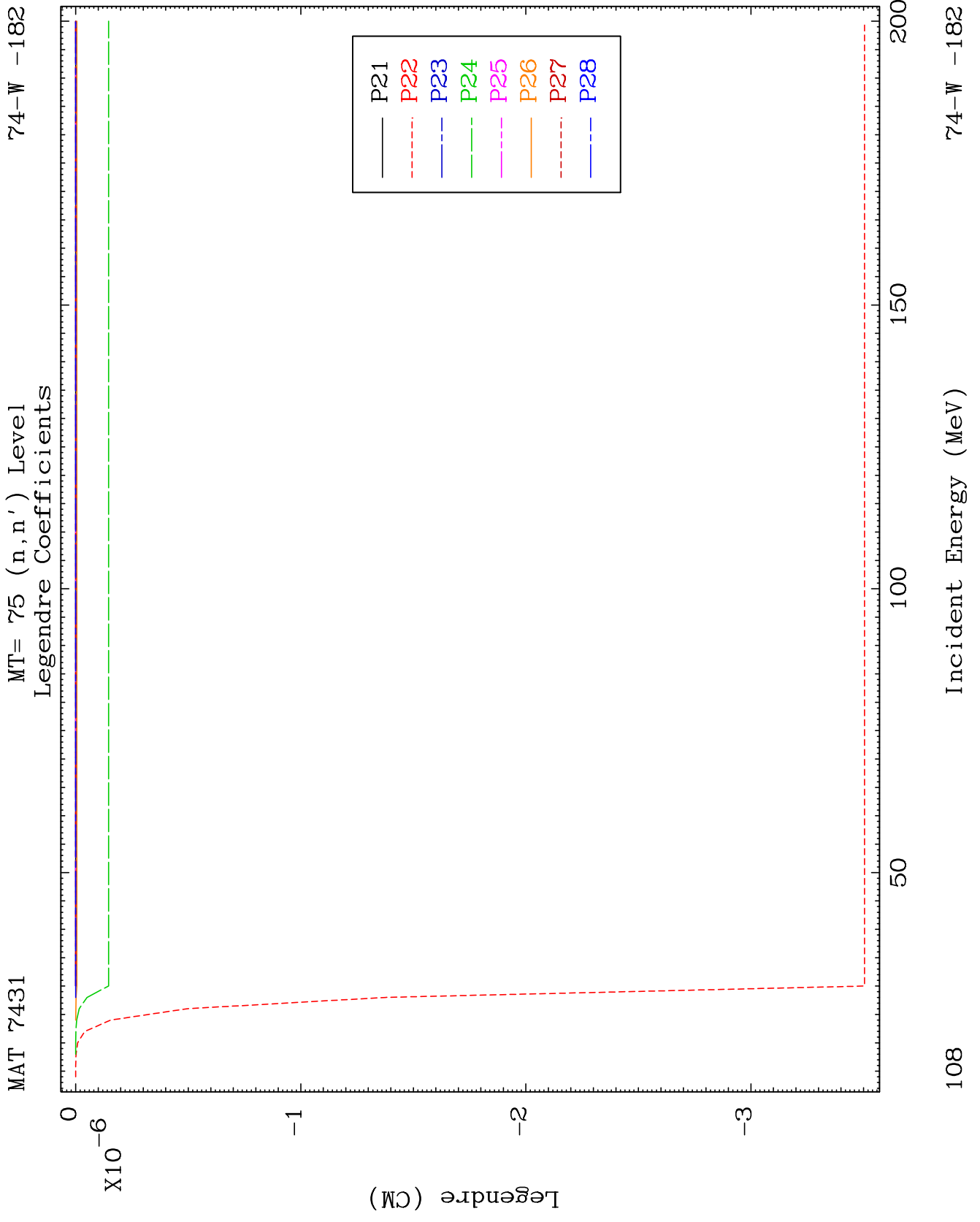


106

Incident Energy (MeV)

74-W -182

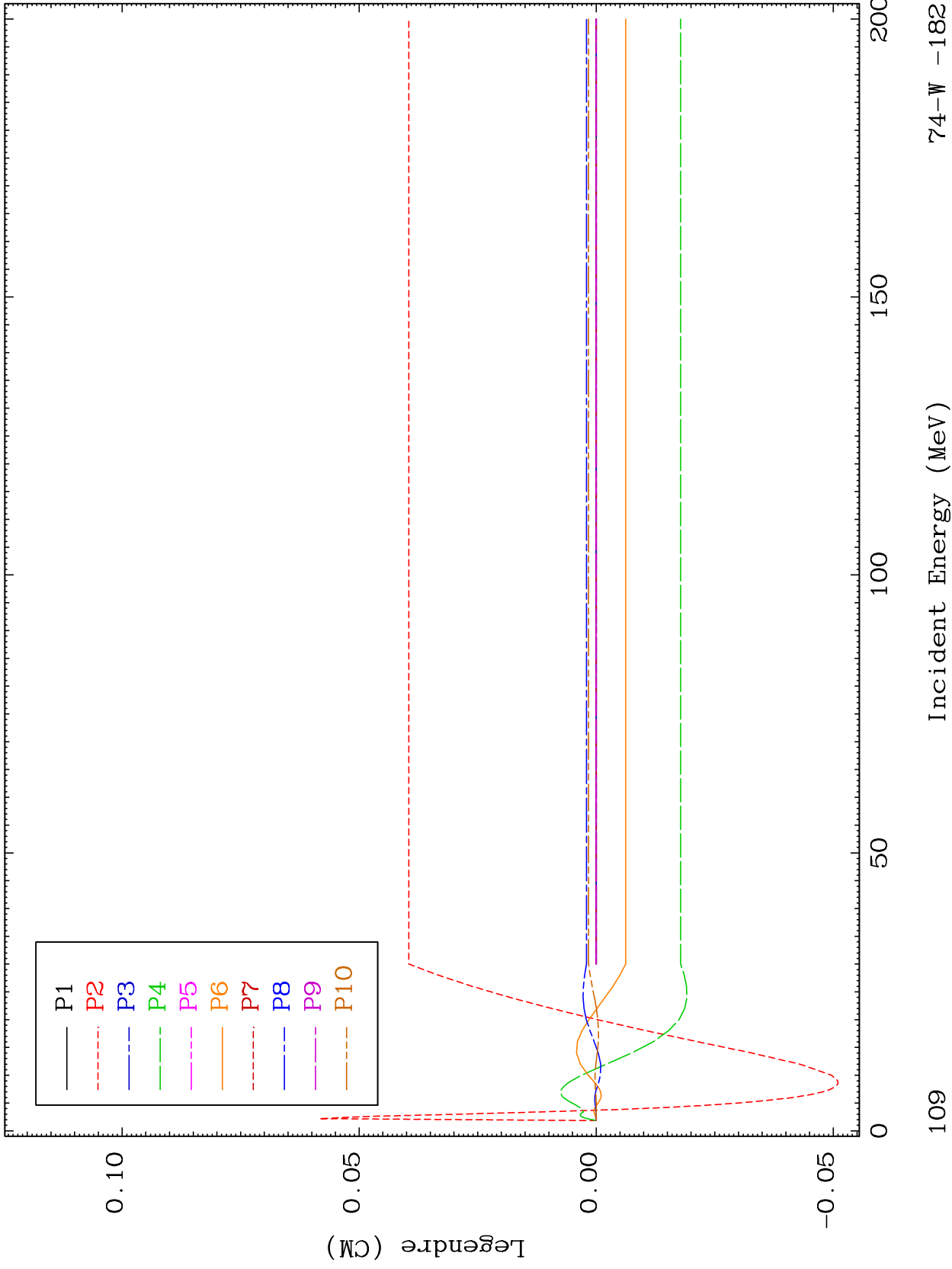




MAT 7431

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

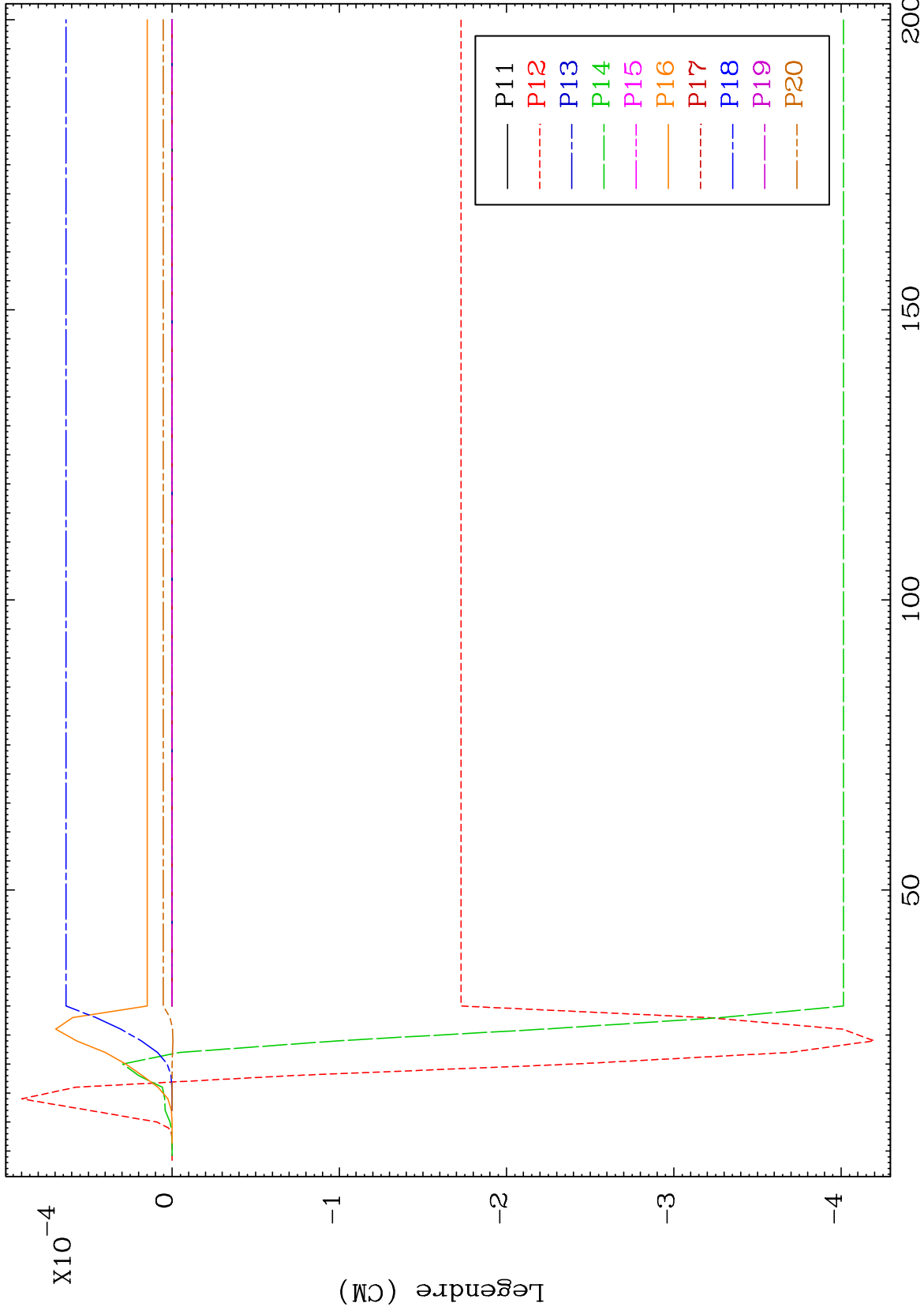
74-W -182



MAT 7431

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

74-W -182



110

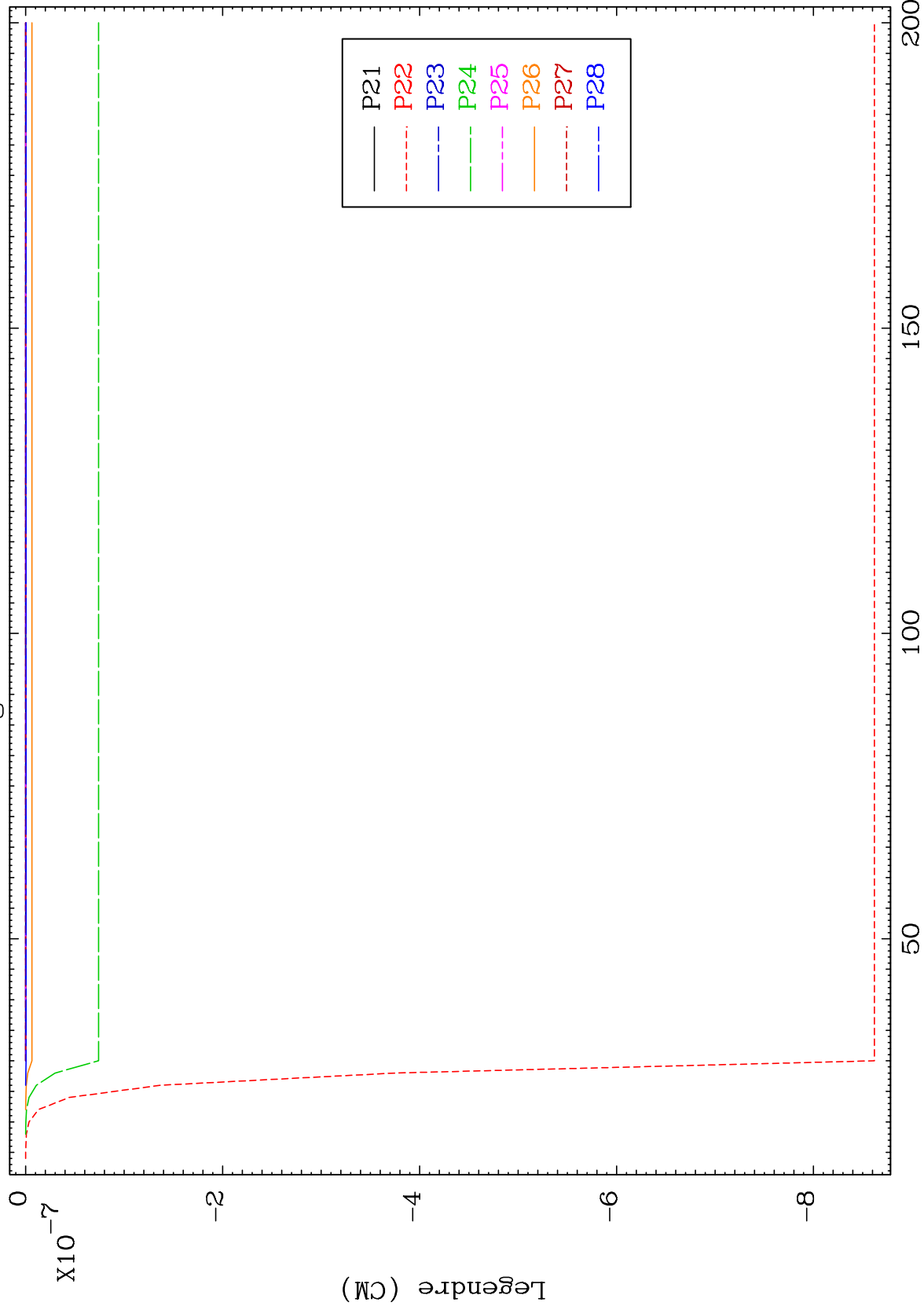
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



74-W -182

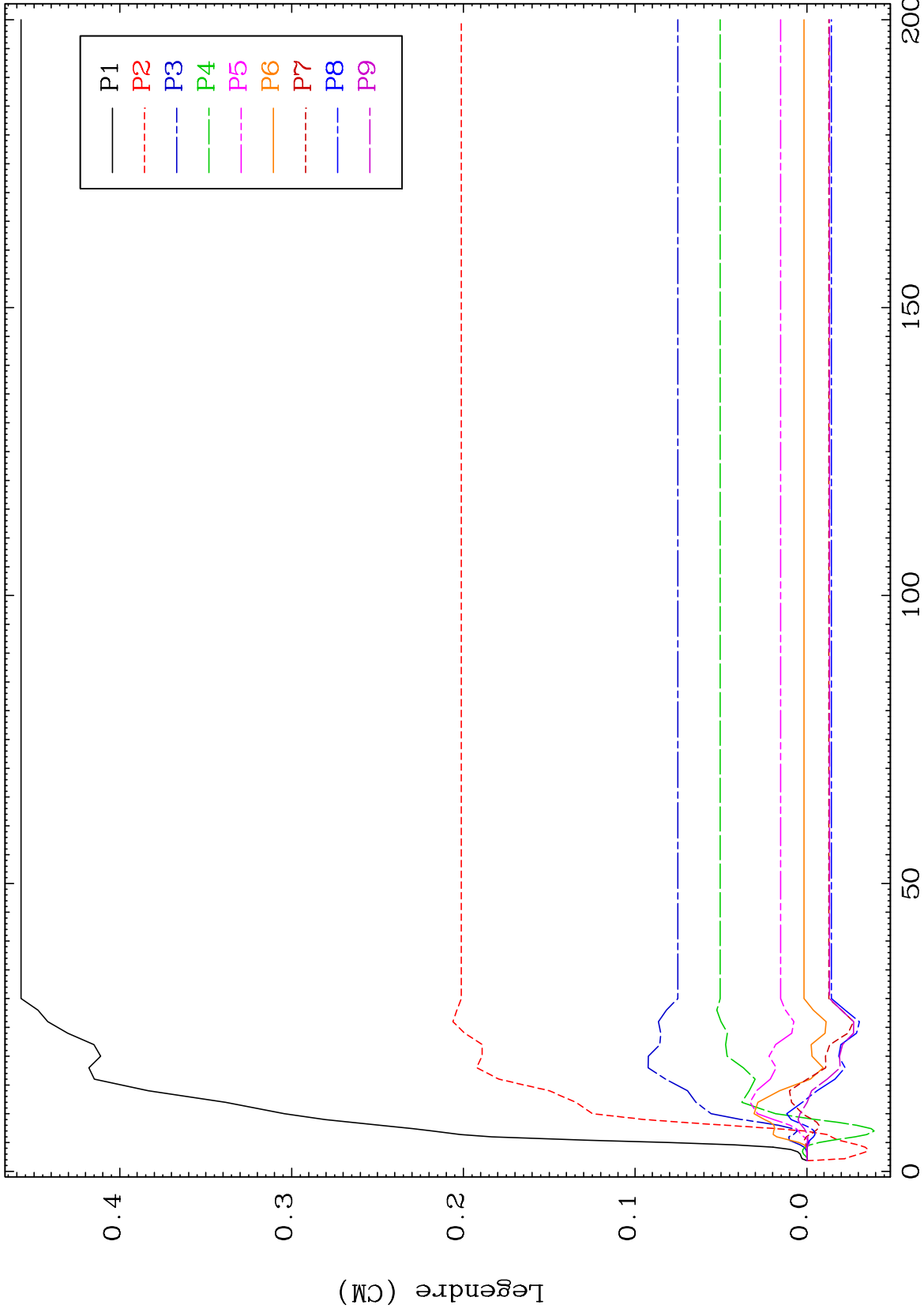
Incident Energy (MeV)

111

MAT 7431

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

74-W -182



112

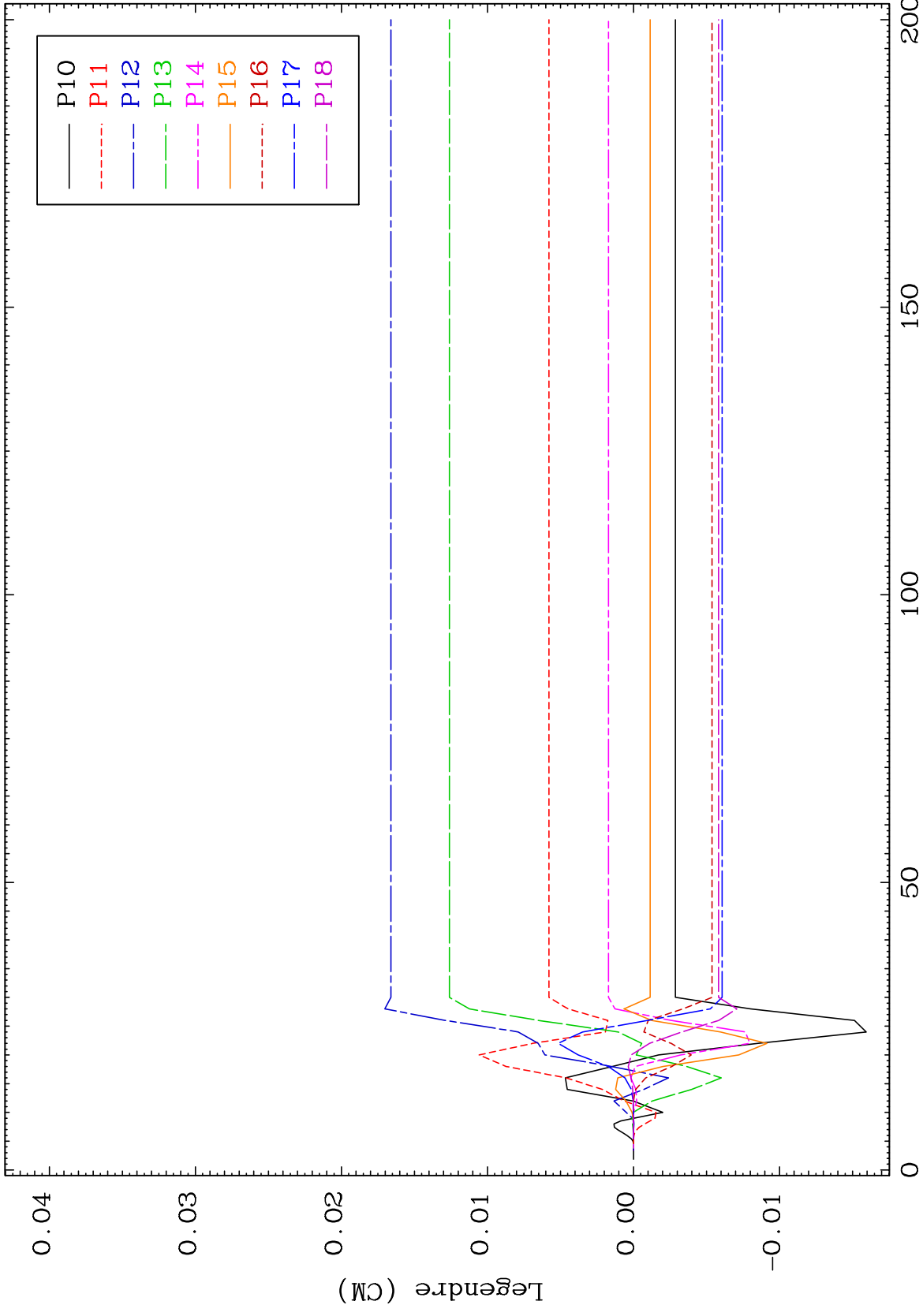
Incident Energy (MeV)

74-W -182

MAT 7431

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

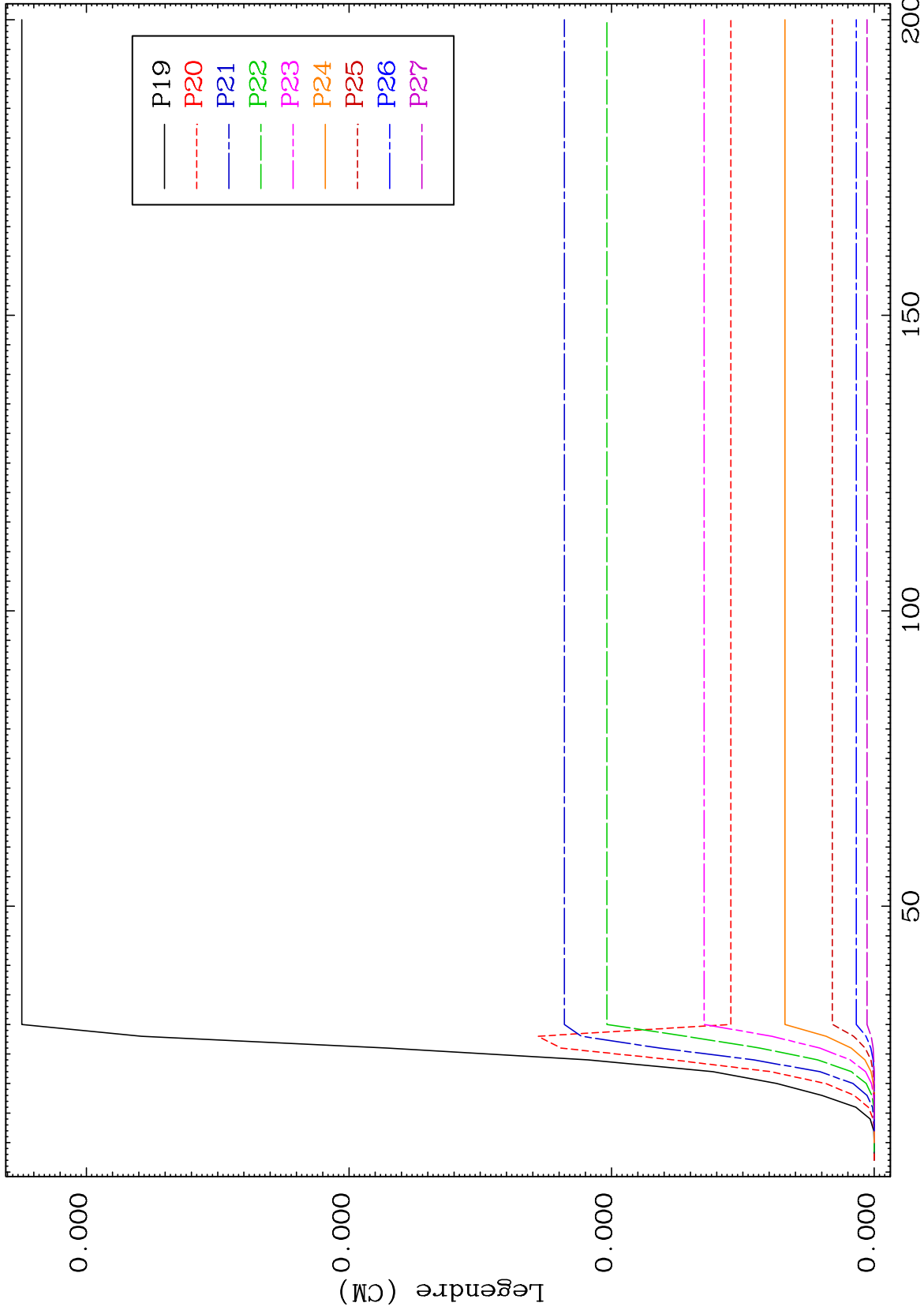
74-W -182



113

Incident Energy (MeV)

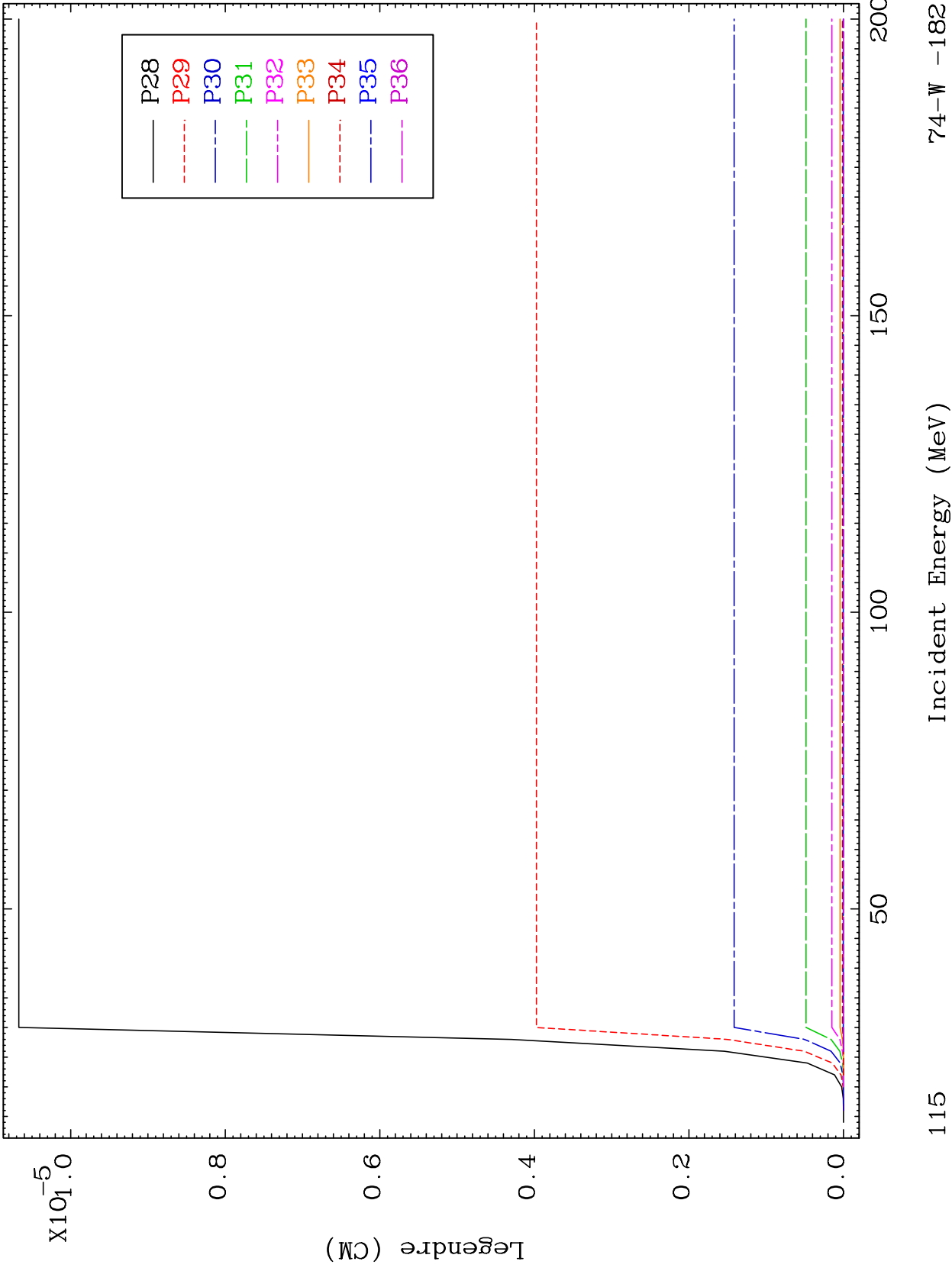
74-W -182



MAT 7431

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

74-W -182



115

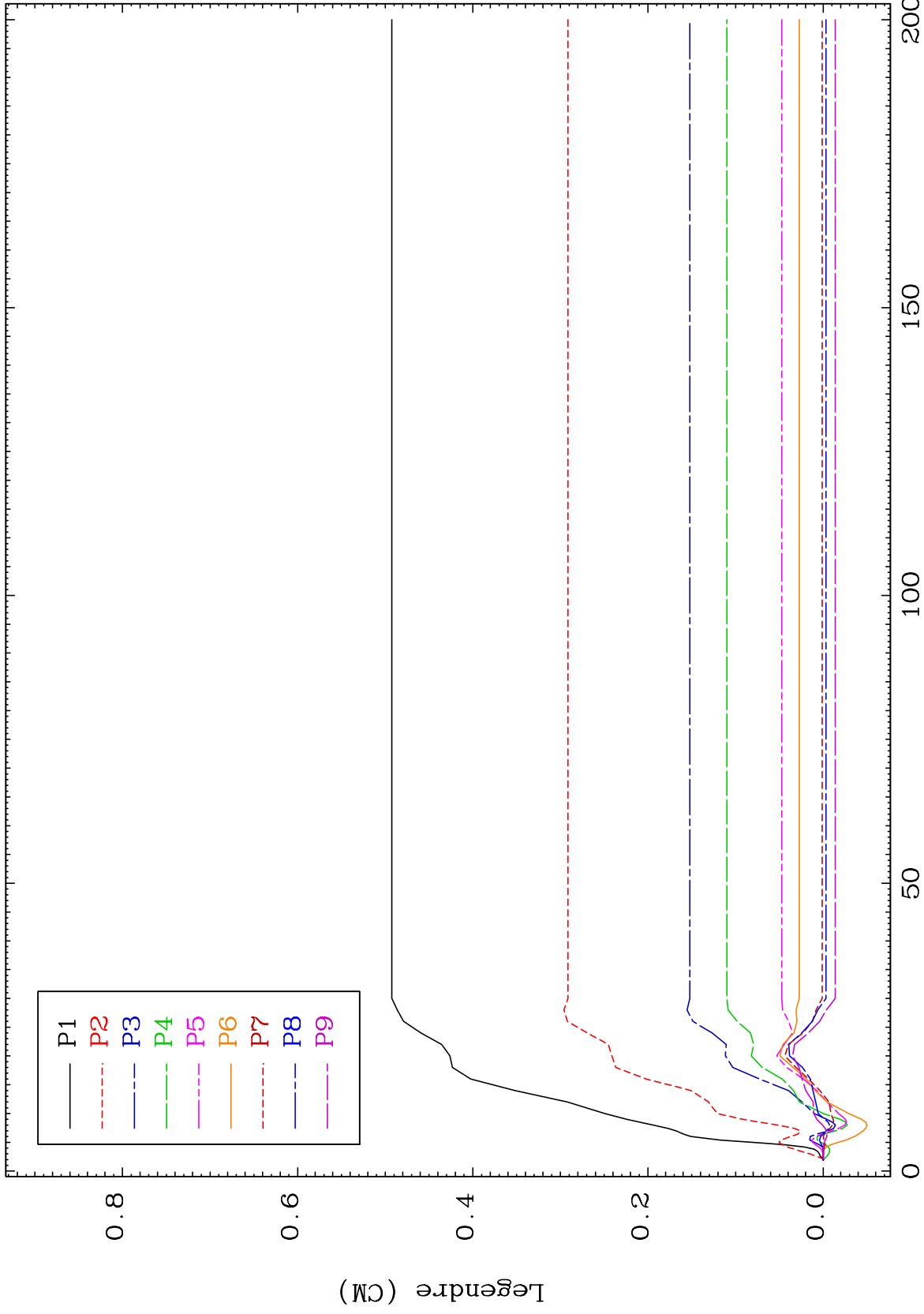
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



116

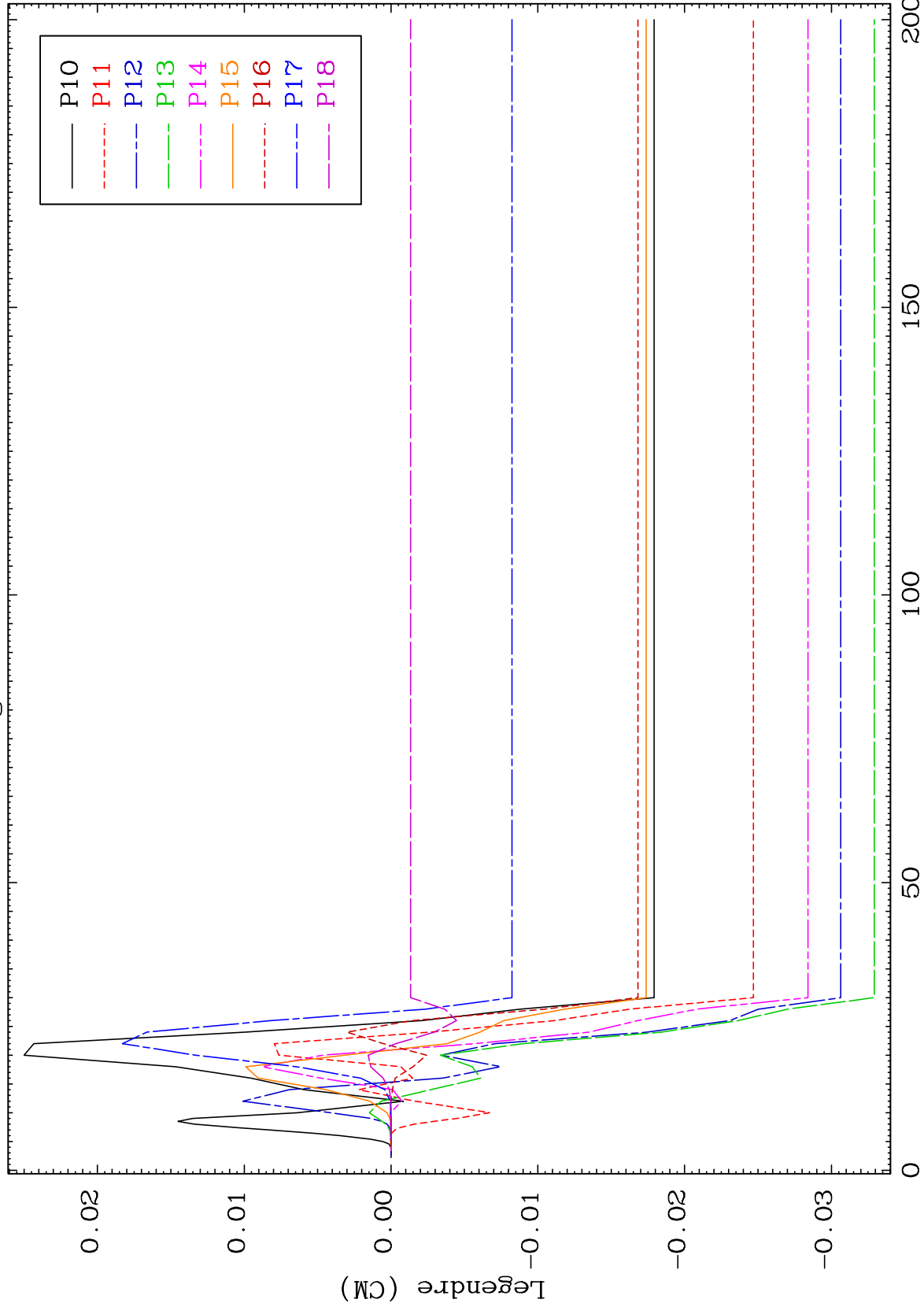
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



117

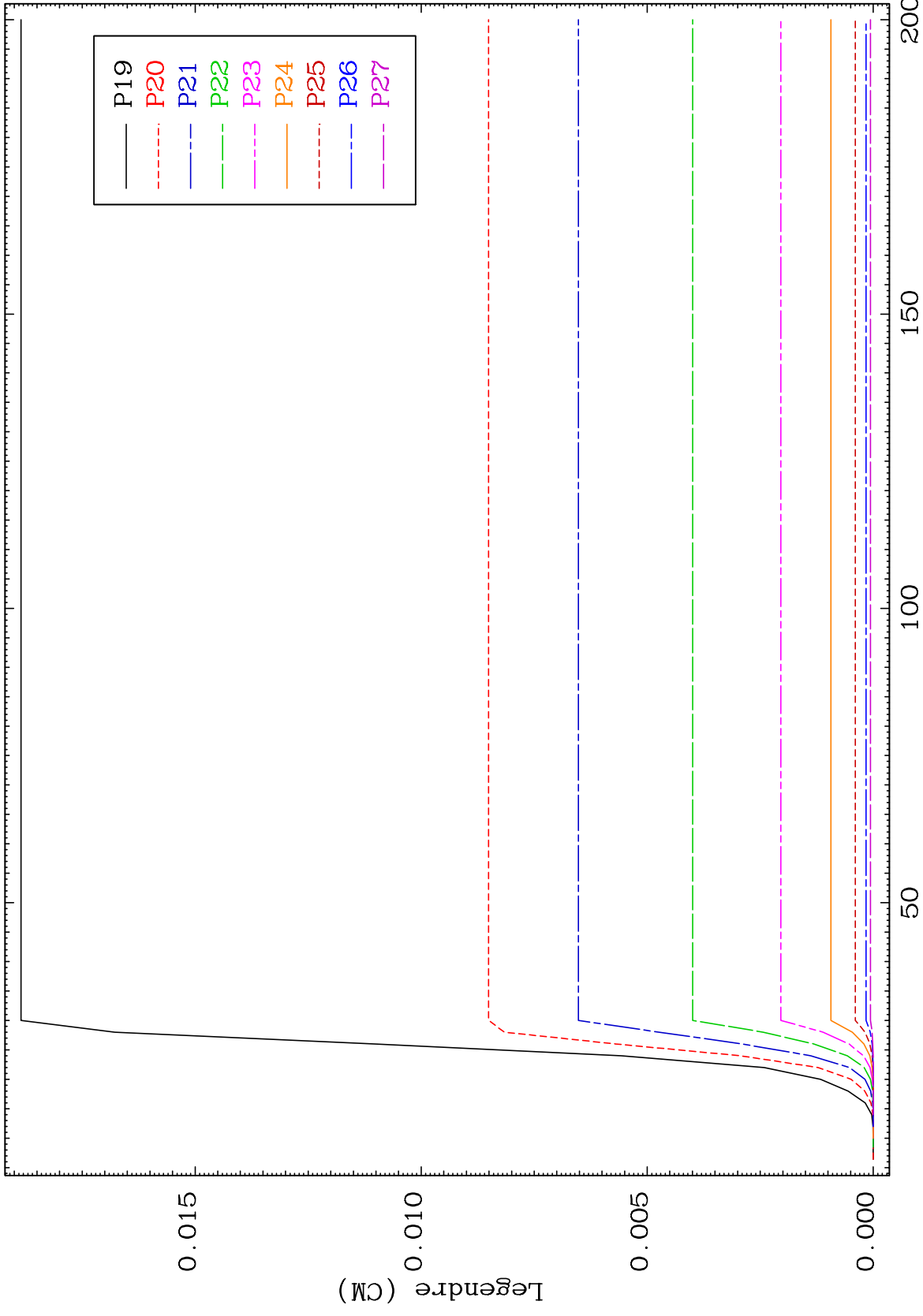
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



118

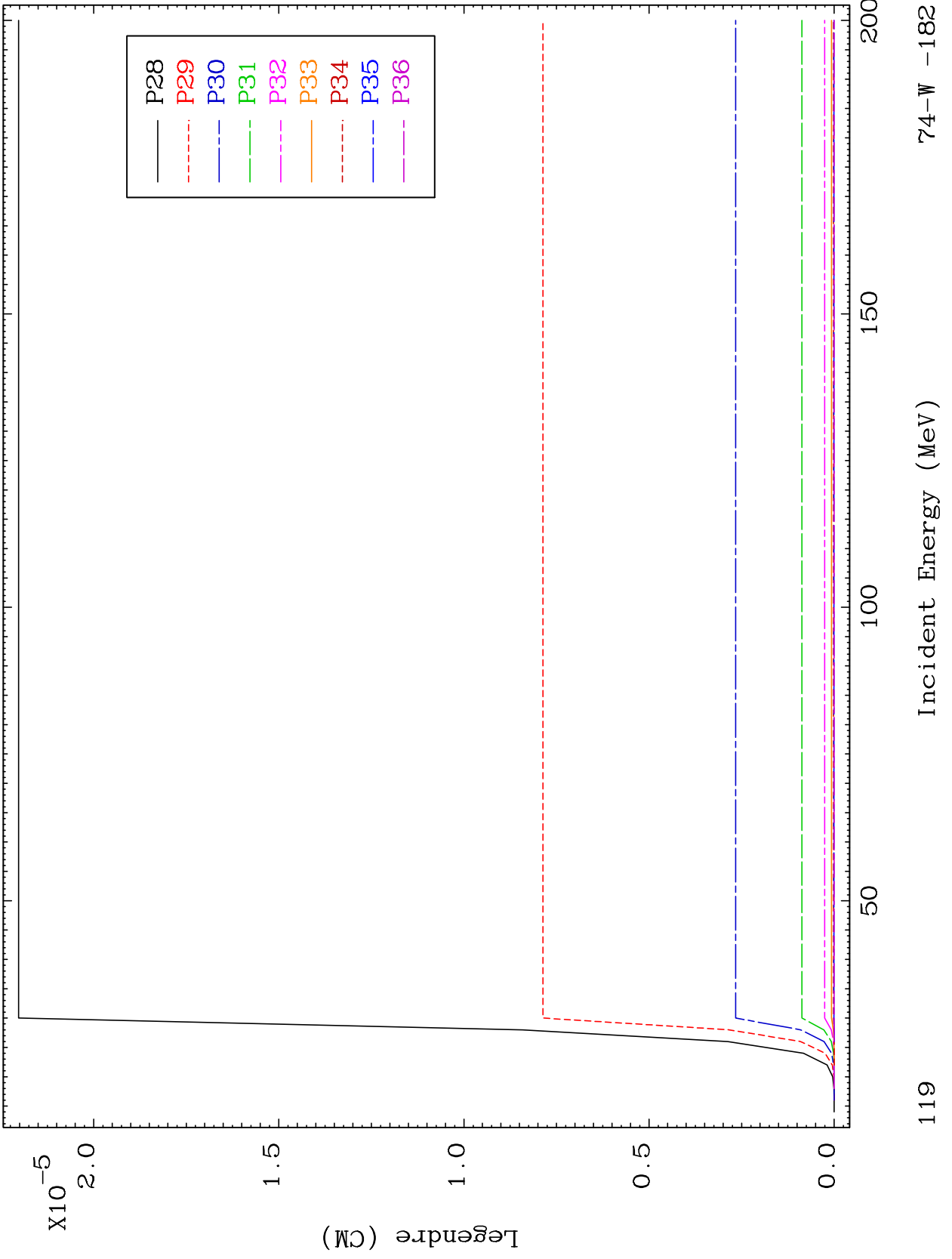
Incident Energy (MeV)

74-W -182

MAT 7431

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

74-W -182



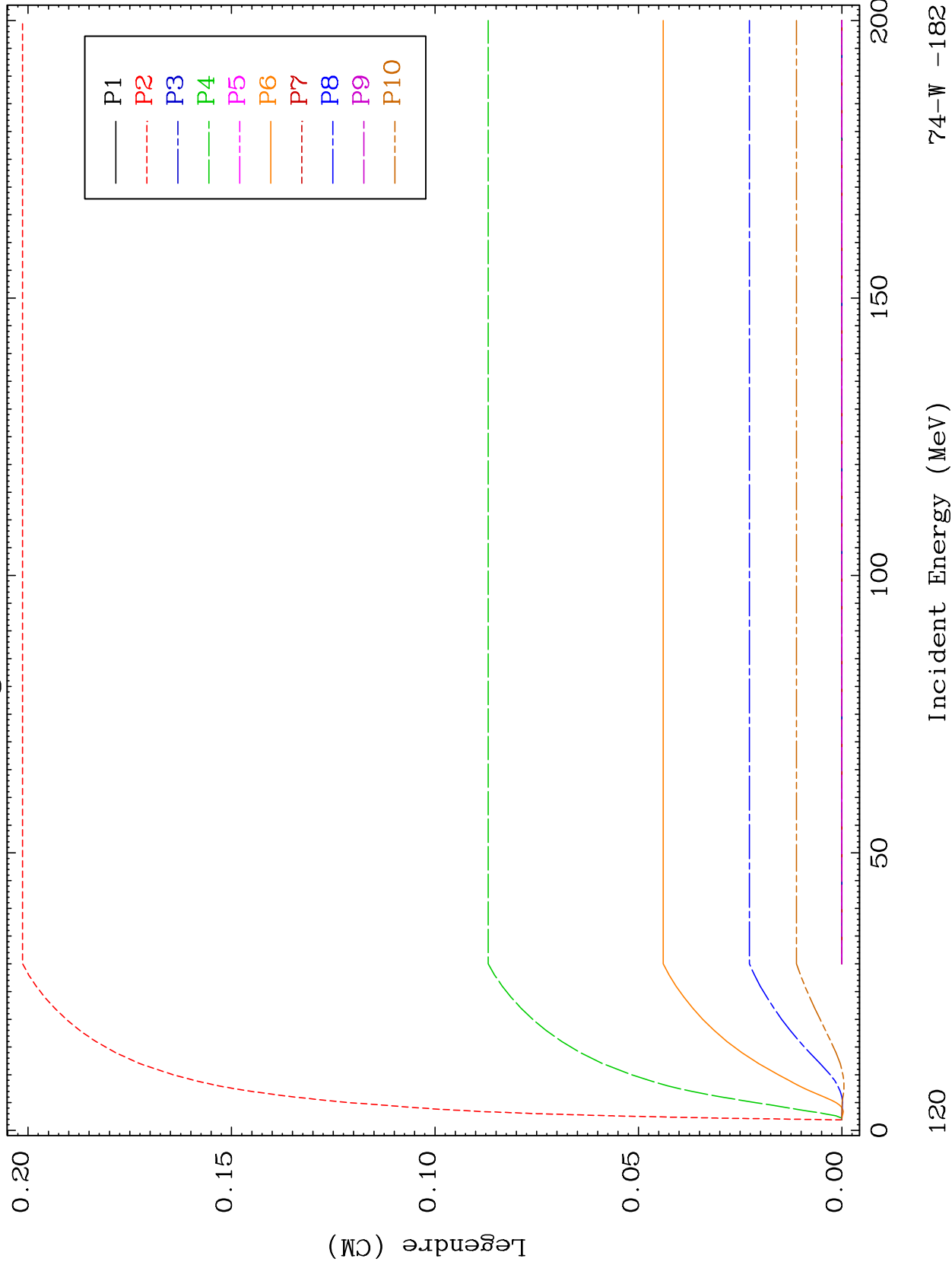
119

74-W -182

MAT 7431

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

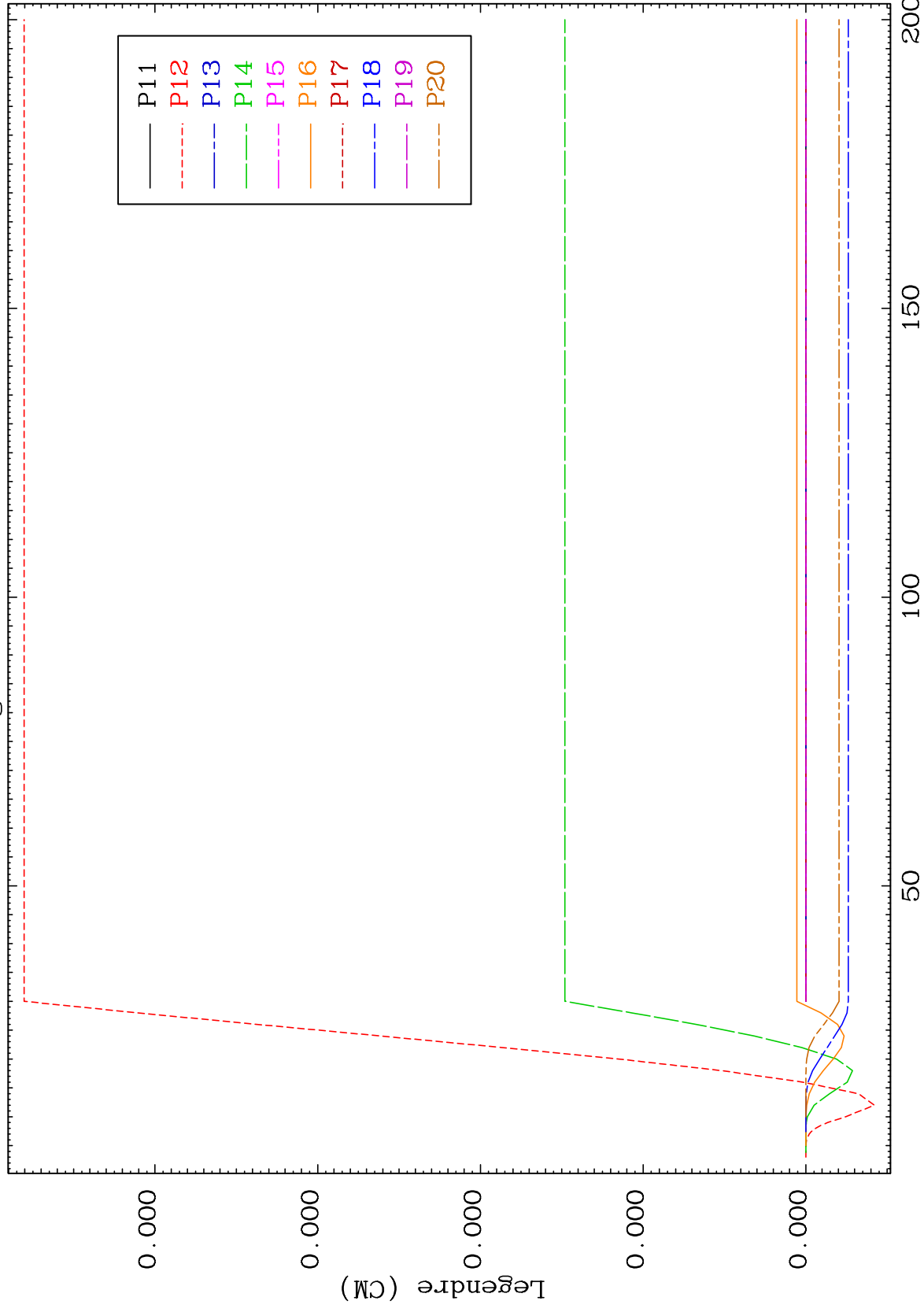
74-W -182



MAT 7431

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

74-W -182



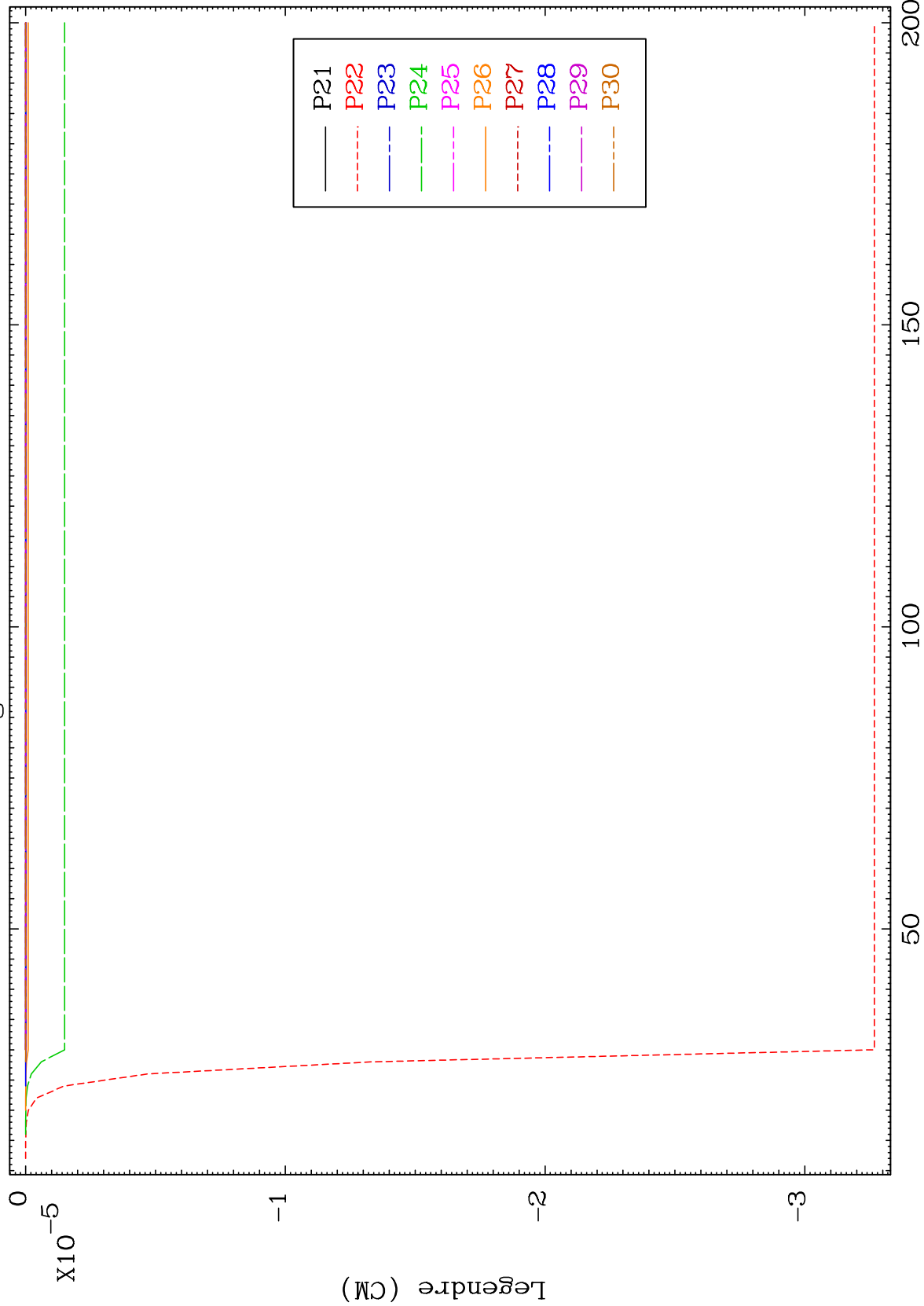
121

74-W -182

MAT 7431

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

74-W -182



74-W -182

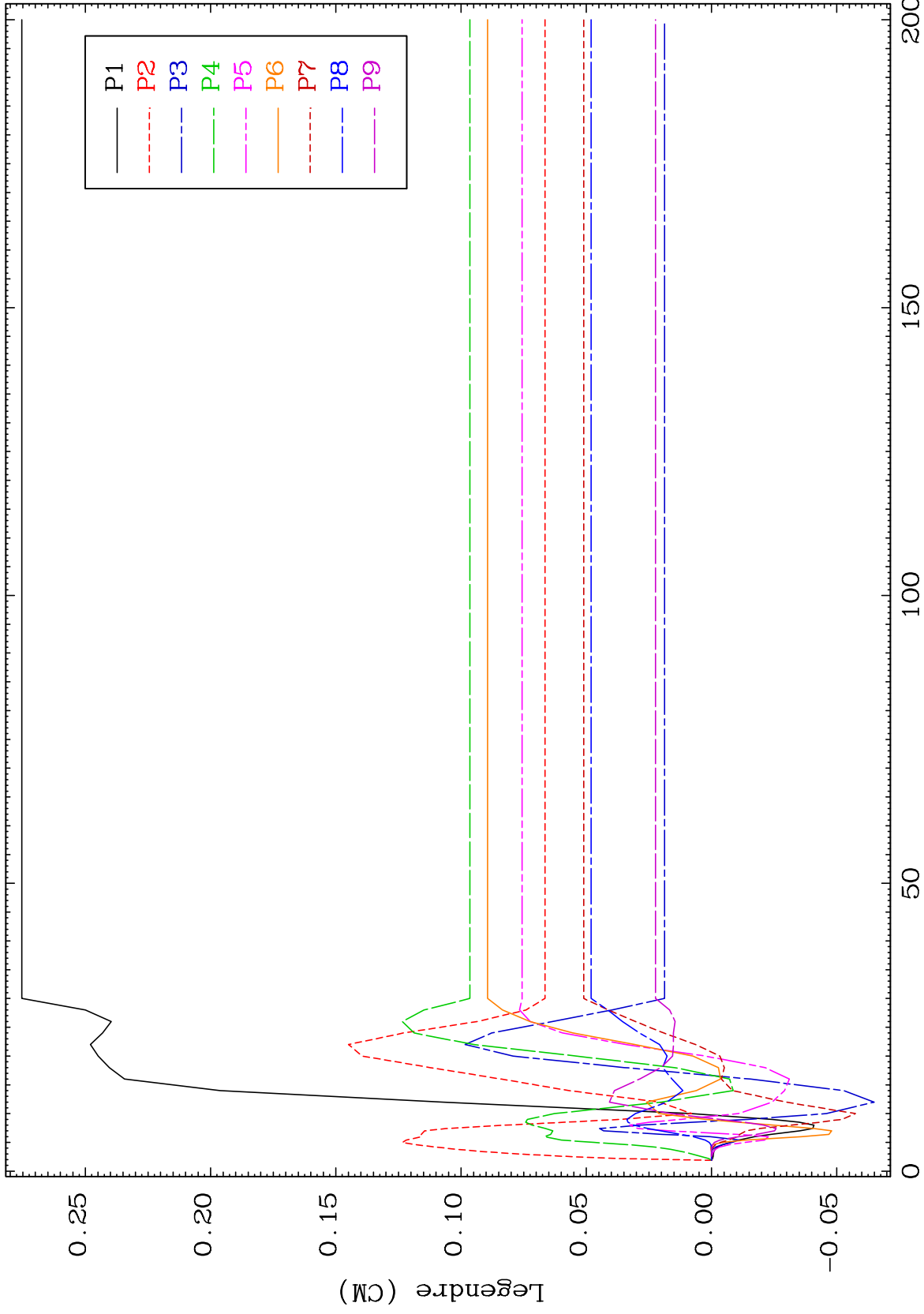
Incident Energy (MeV)

122

MAT 7431

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

74-W -182



Incident Energy (MeV)

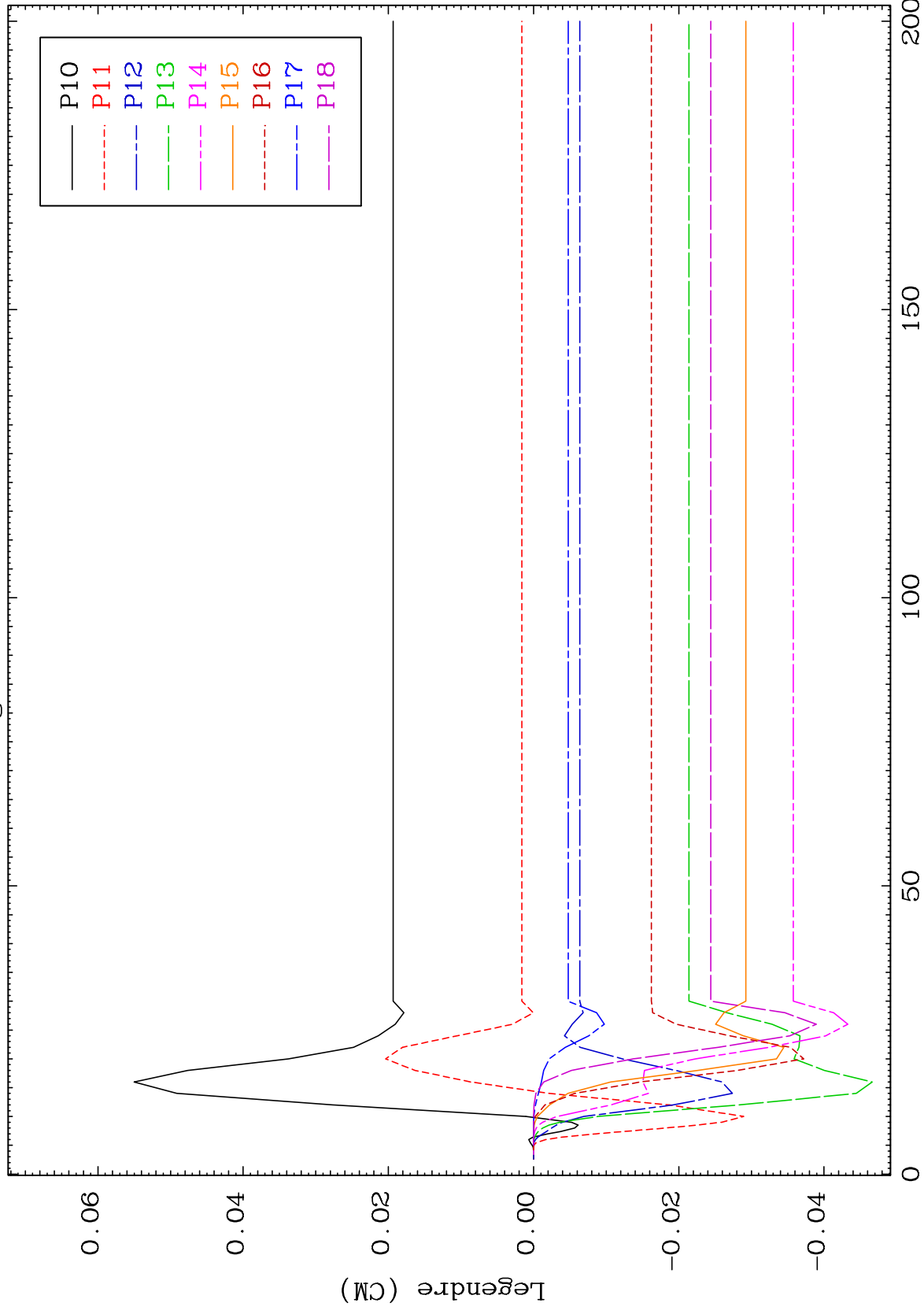
74-W -182

123

MAT 7431

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

74-W -182



124

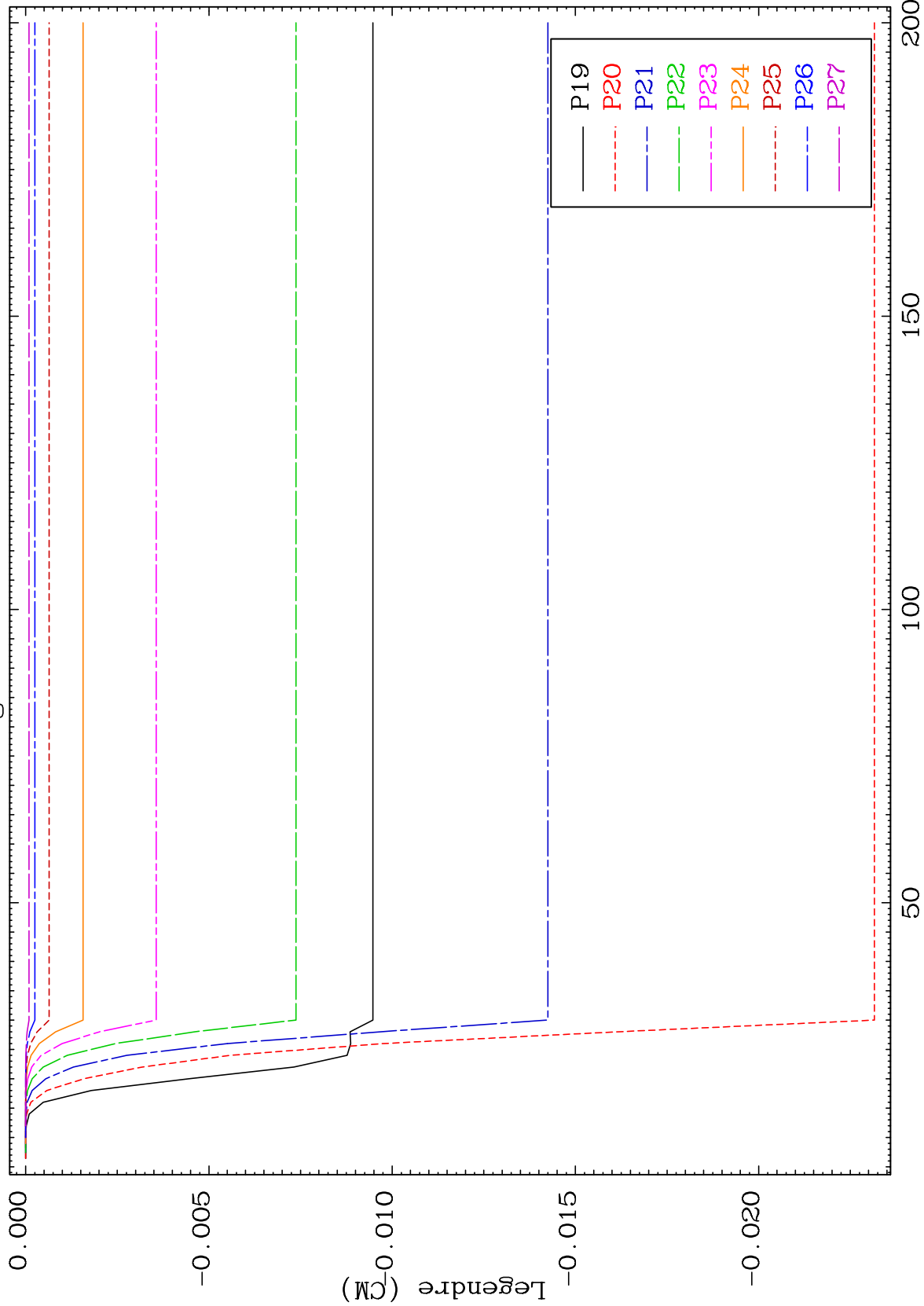
Incident Energy (MeV)

74-W -182

MAT 7431

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

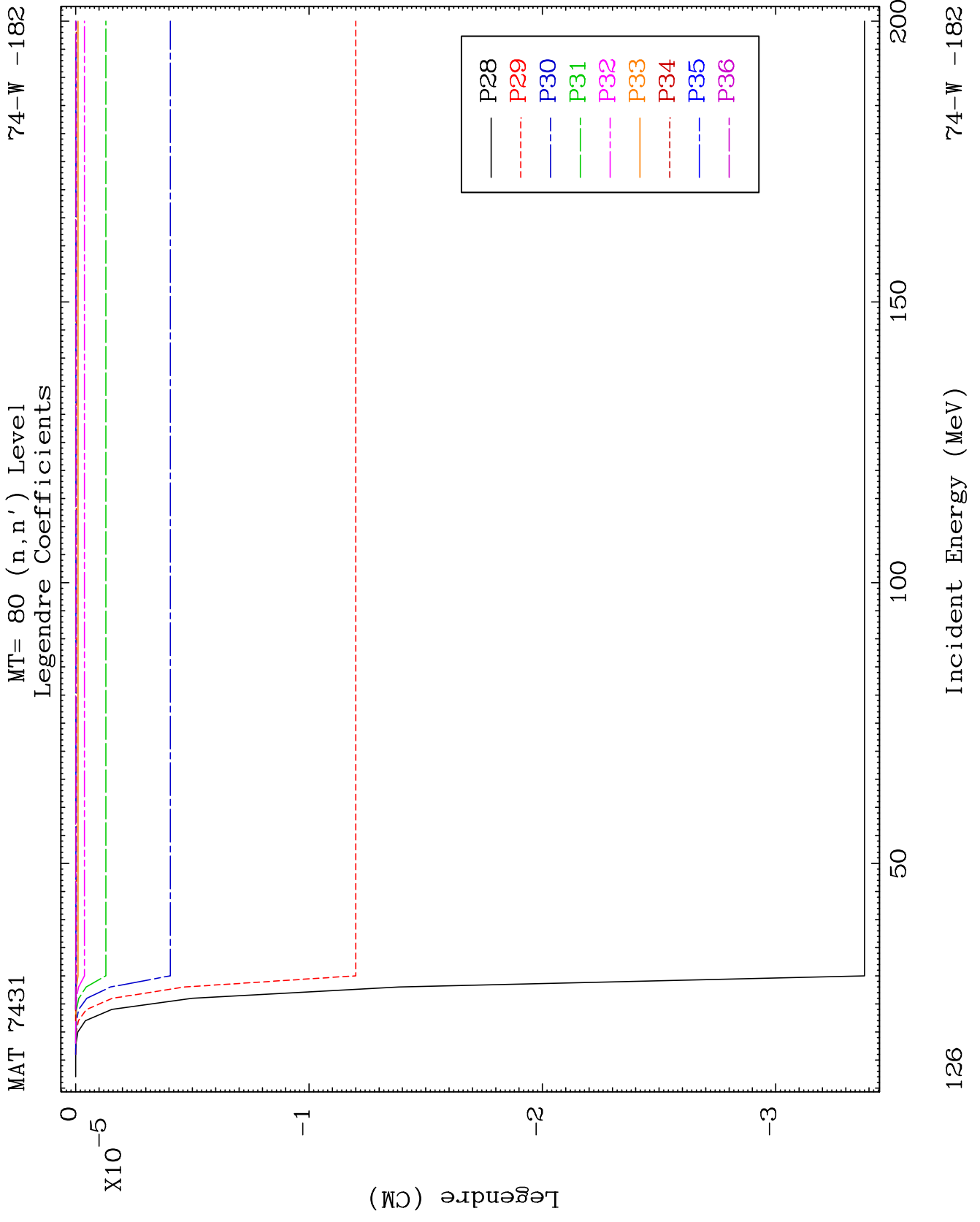
74-W -182



74-W -182

Incident Energy (MeV)

125

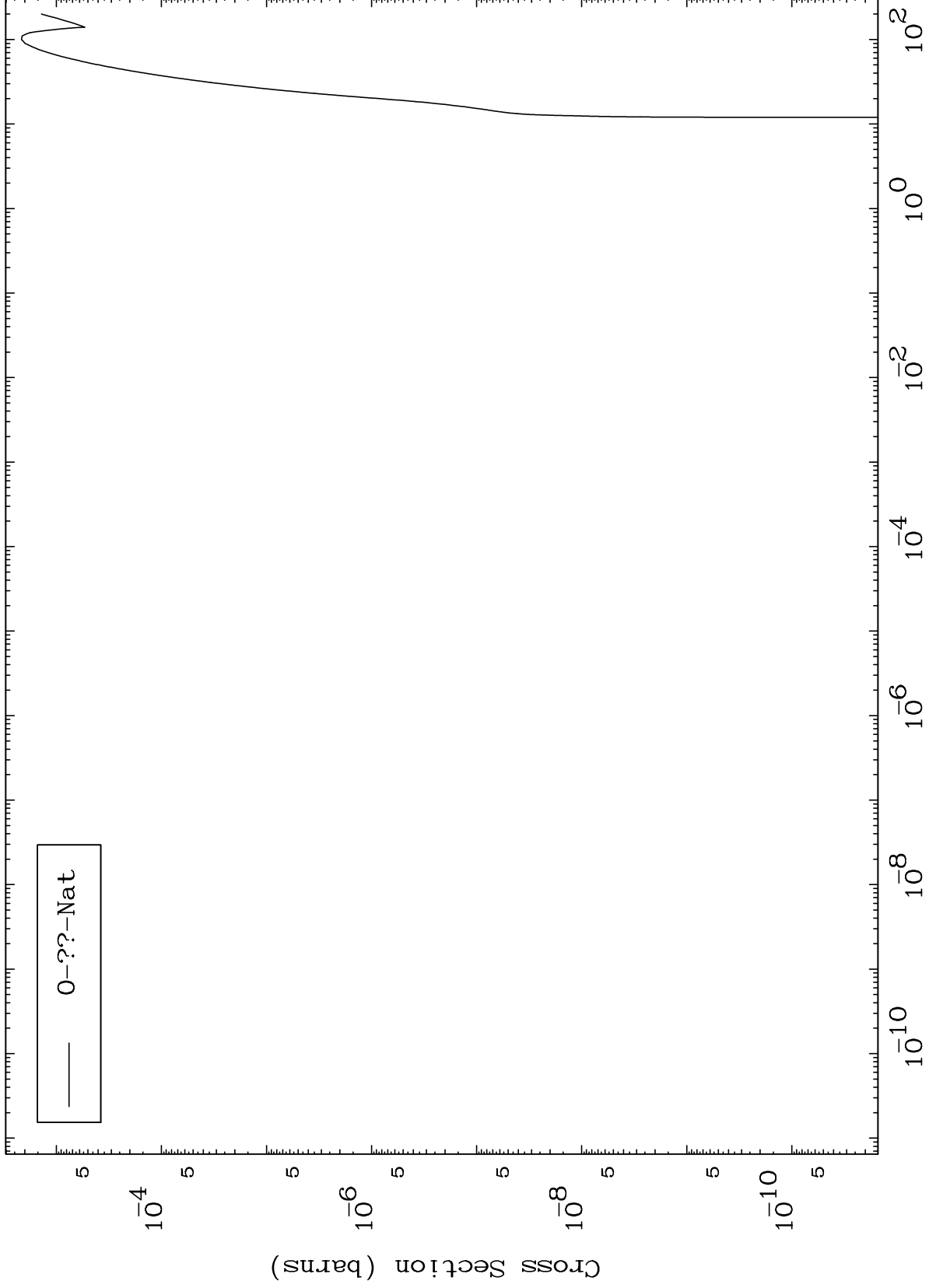


MAT 7431

Fission

74-W -182

Radionuclide Production Cross Section



127

Incident Energy (MeV)

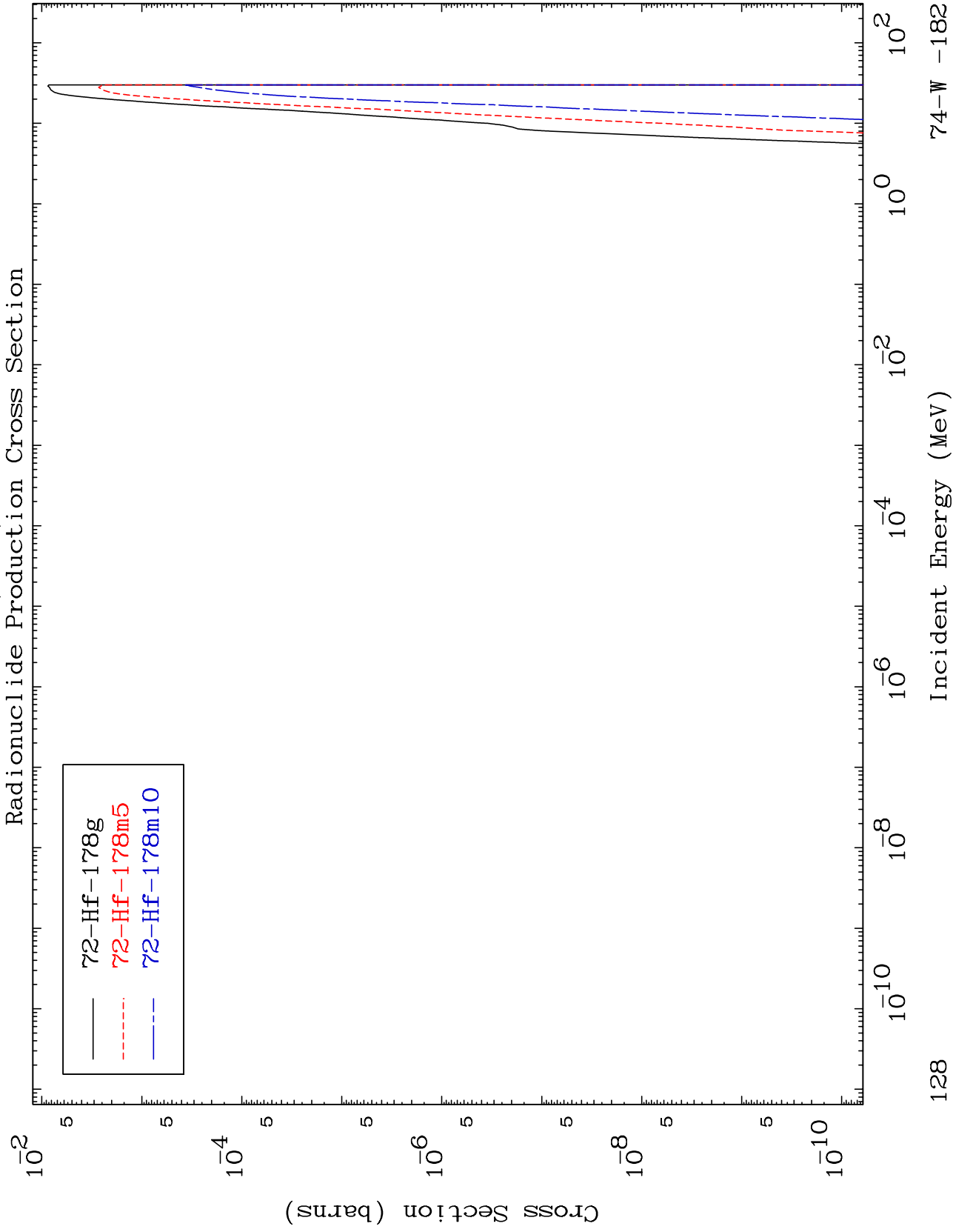
74-W -182

MAT 7431

(n,n') α

74-W -182

Radionuclide Production Cross Section



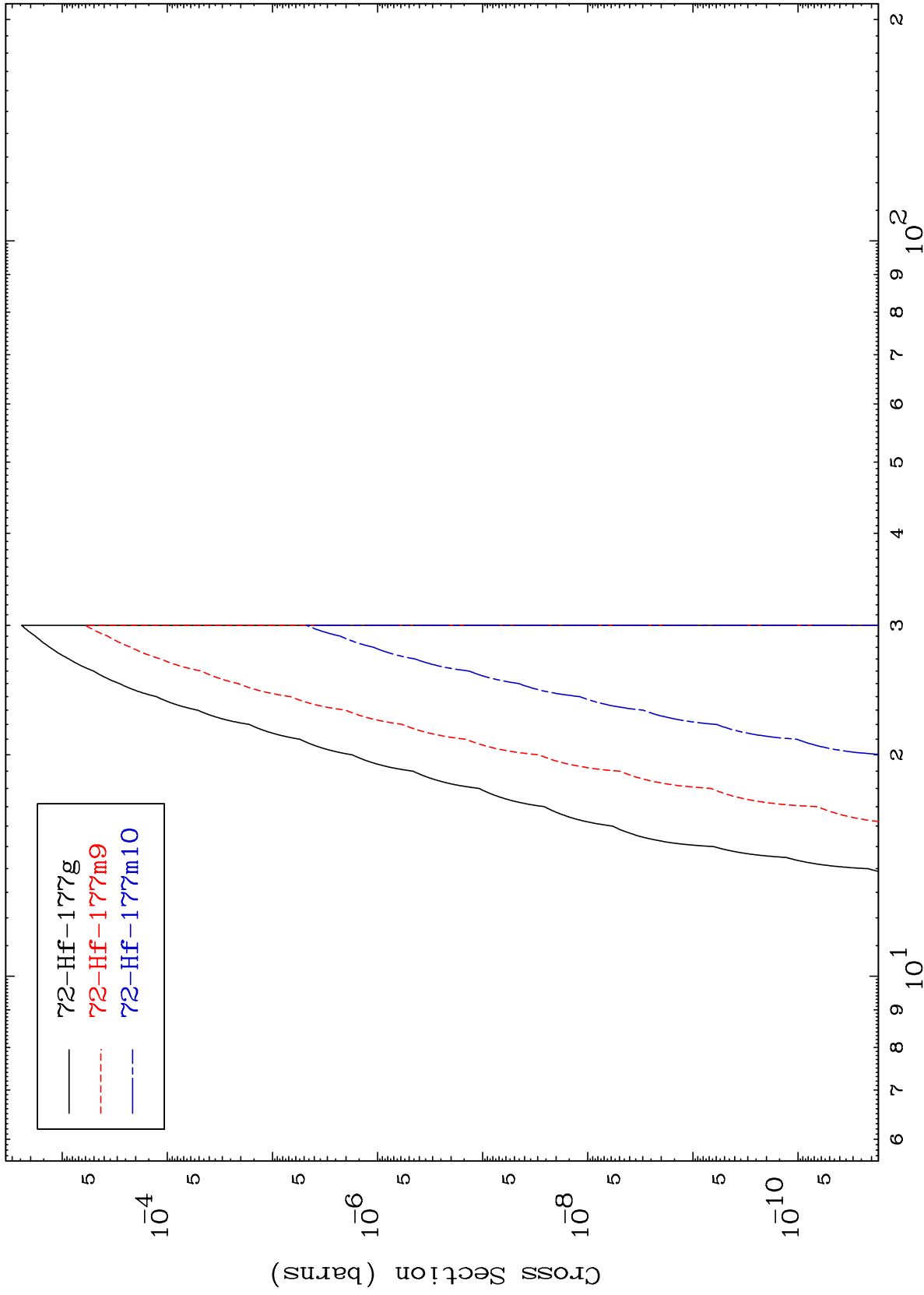
128

Incident Energy (MeV)

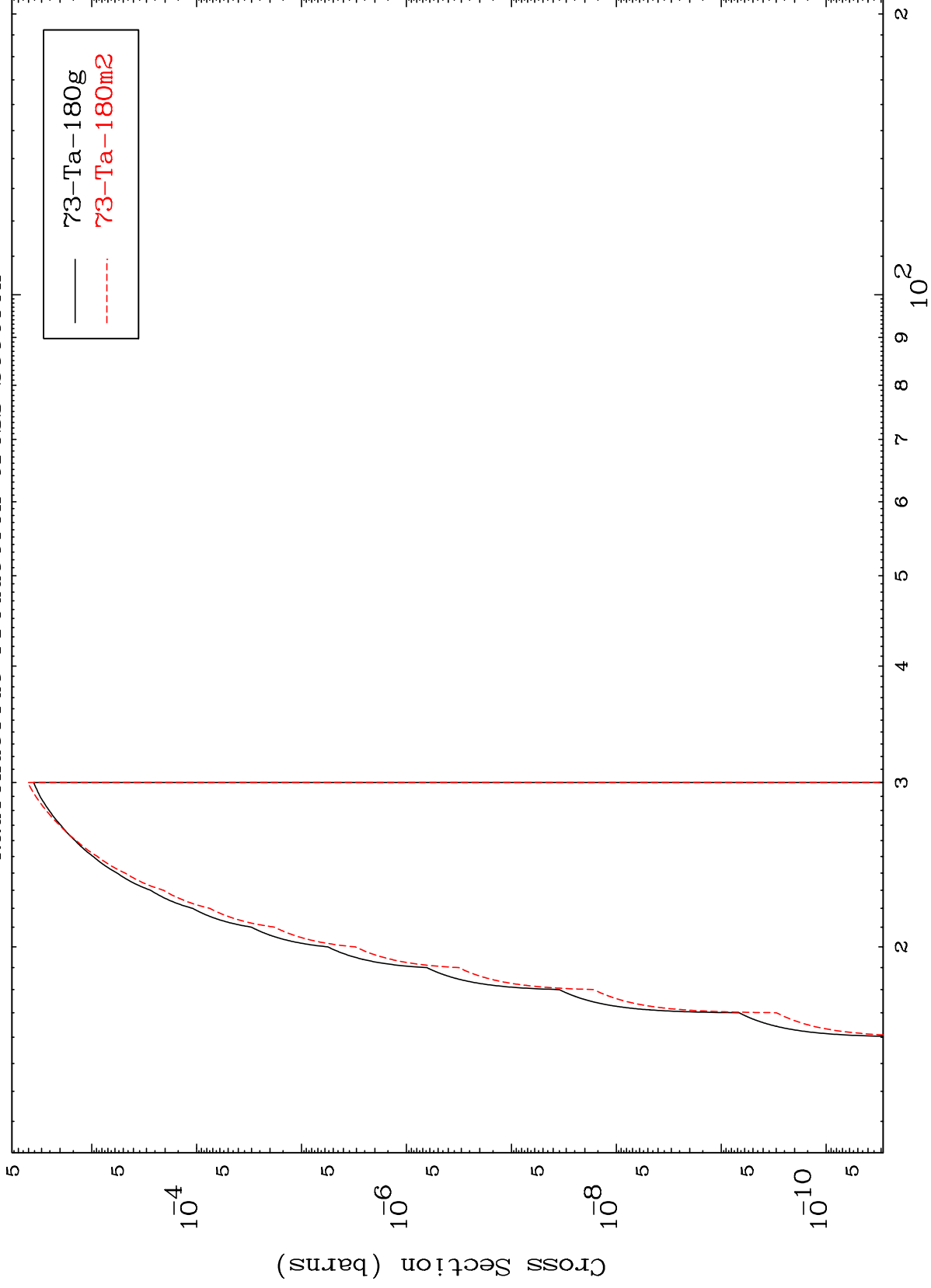
74-W -182

(n,2n) α

Radionuclide Production Cross Section



Radionuclide Production Cross Section

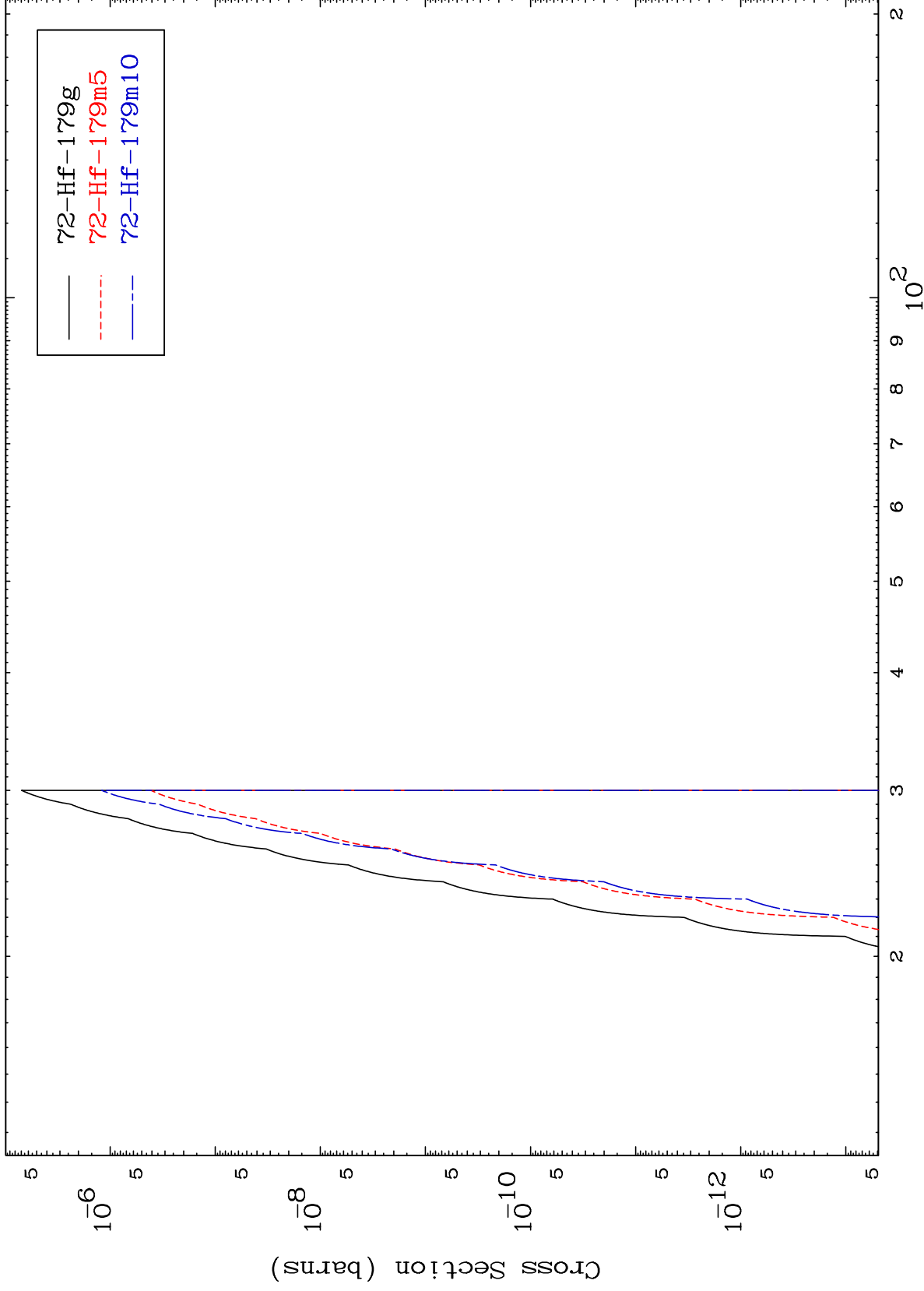


MAT 7431

(n,n') He-3

74-W -182

Radionuclide Production Cross Section

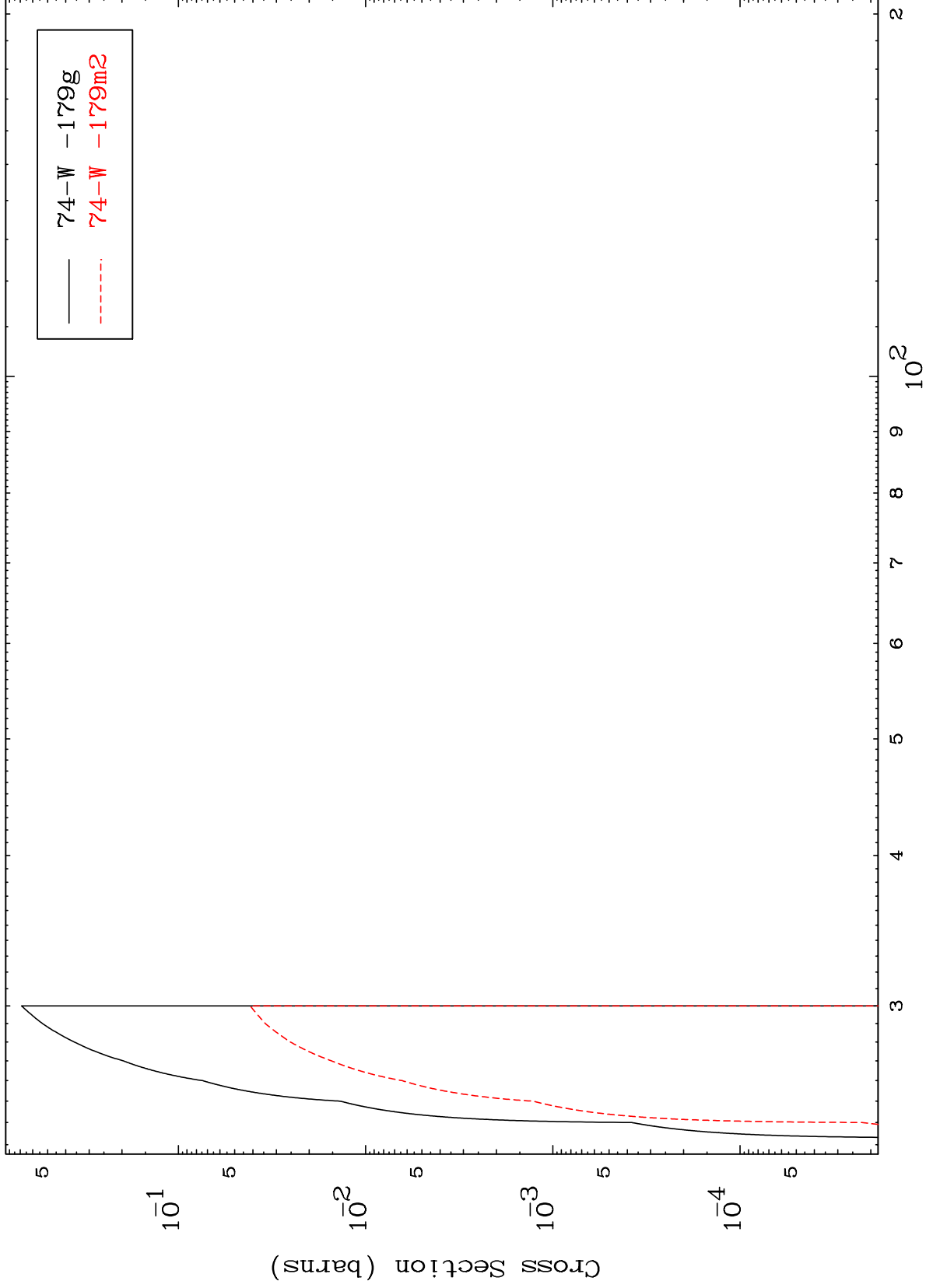


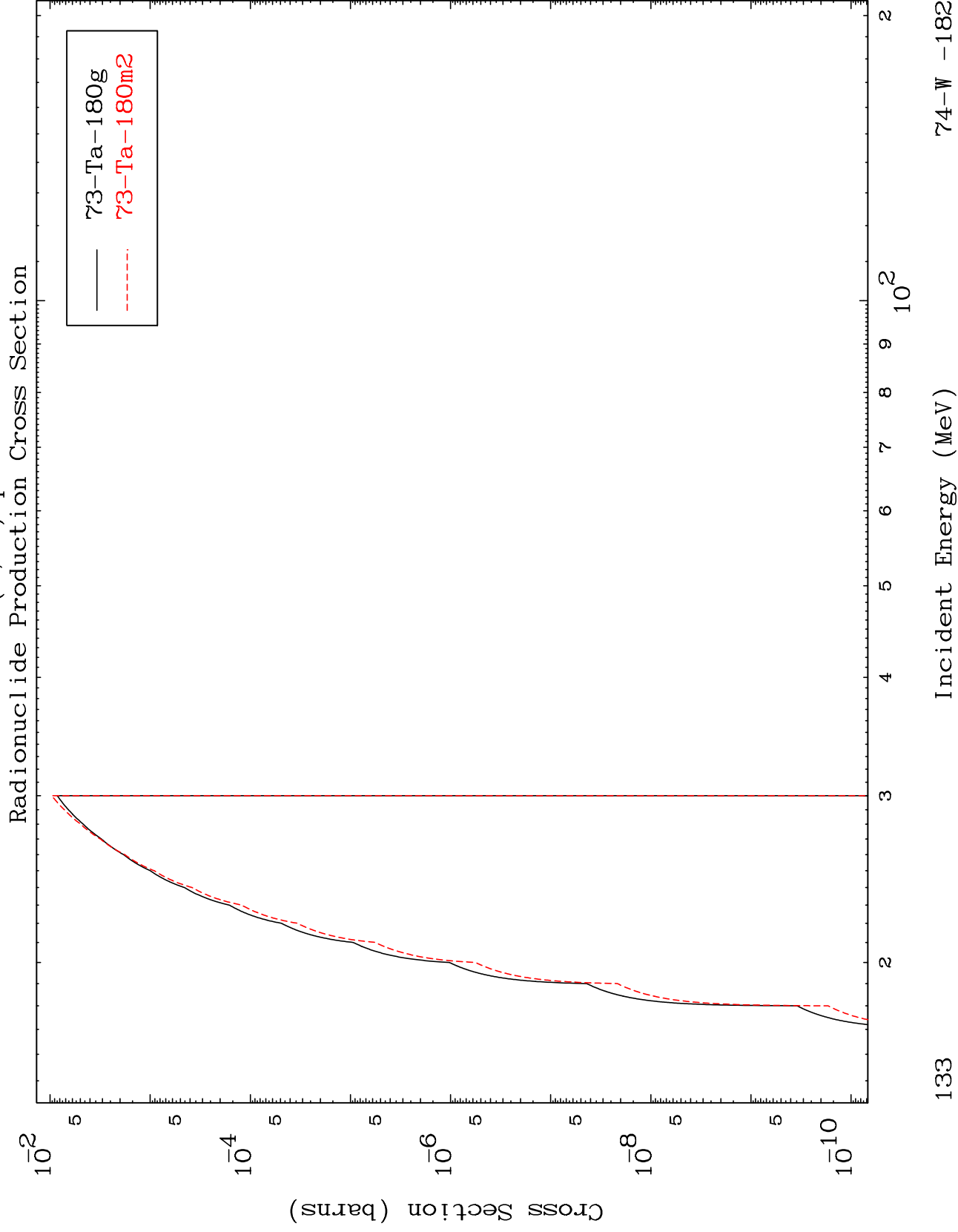
131

Incident Energy (MeV)

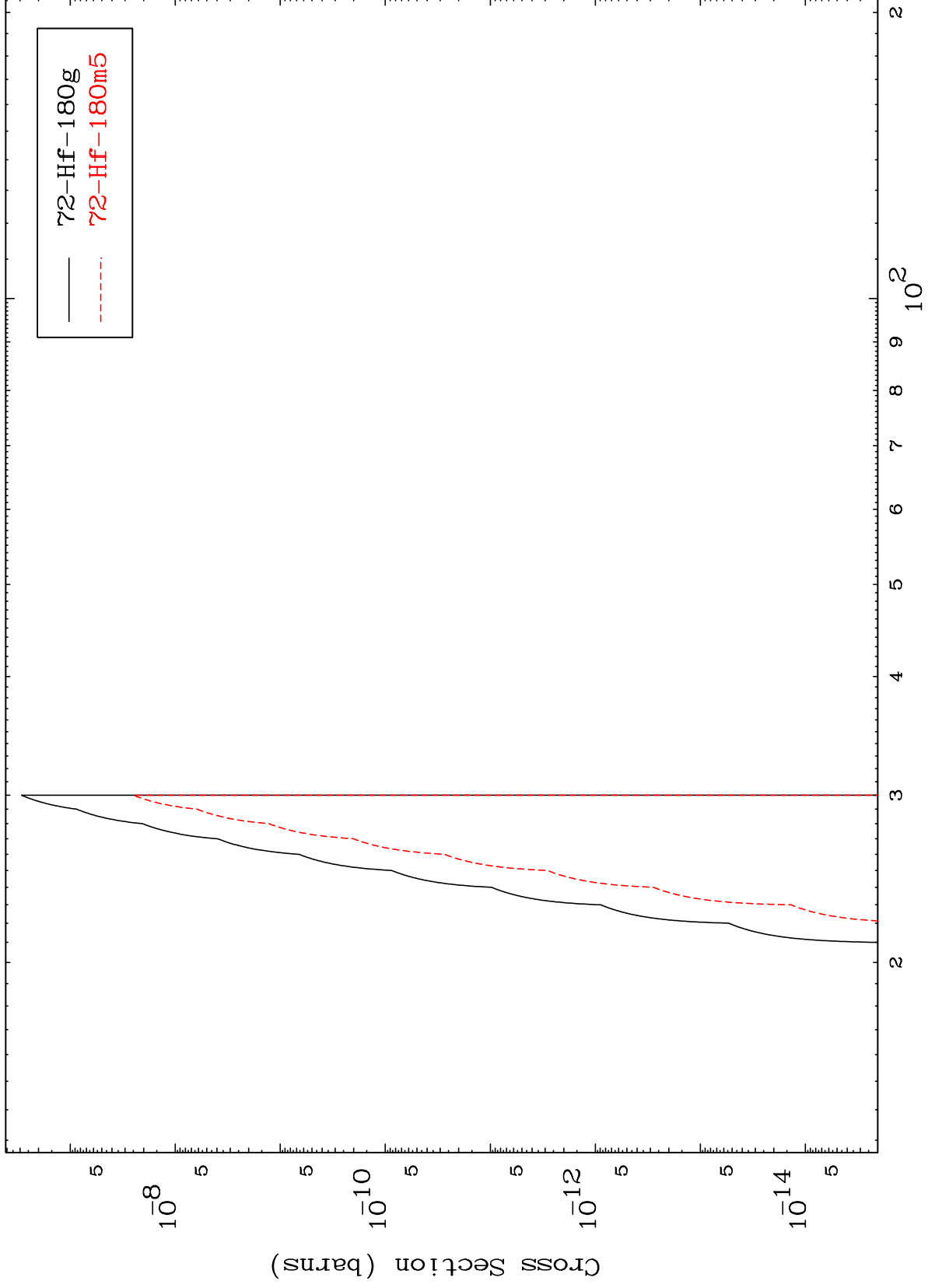
74-W -182

Radionuclide Production Cross Section





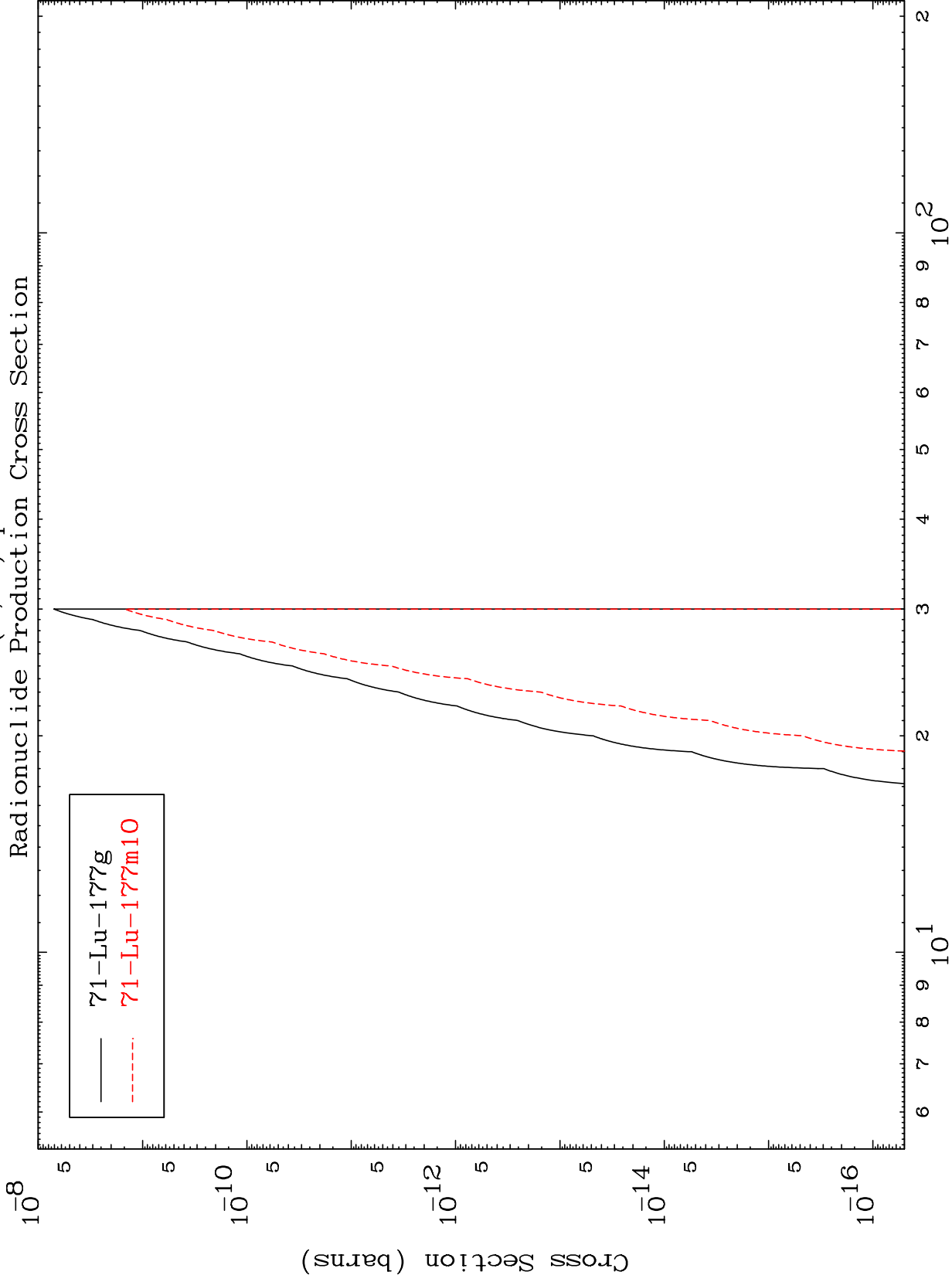
Radionuclide Production Cross Section



MAT 7431

(n,n') p α

74-W -182



135

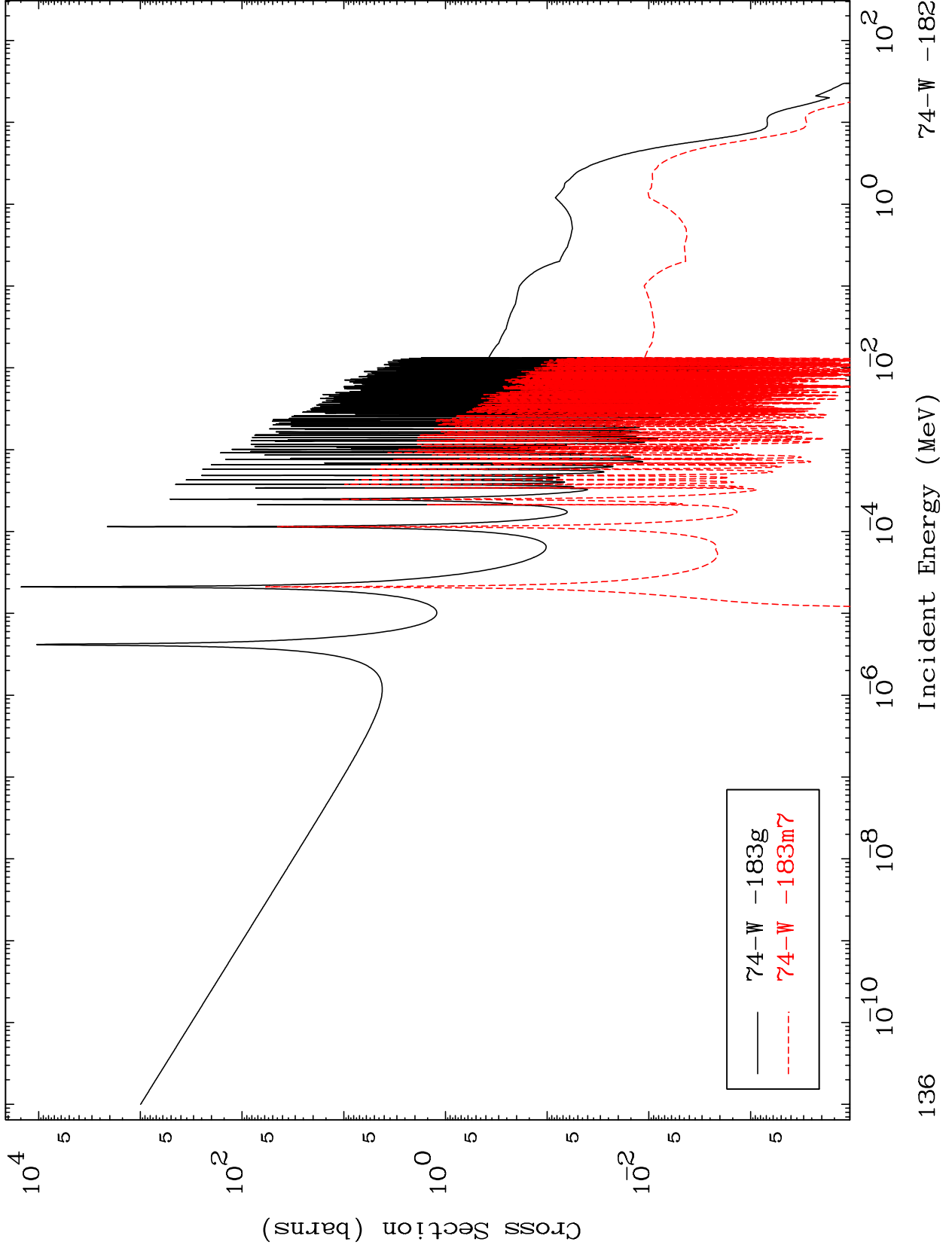
Incident Energy (MeV)

74-W -182

MAT 7431

74-W -182

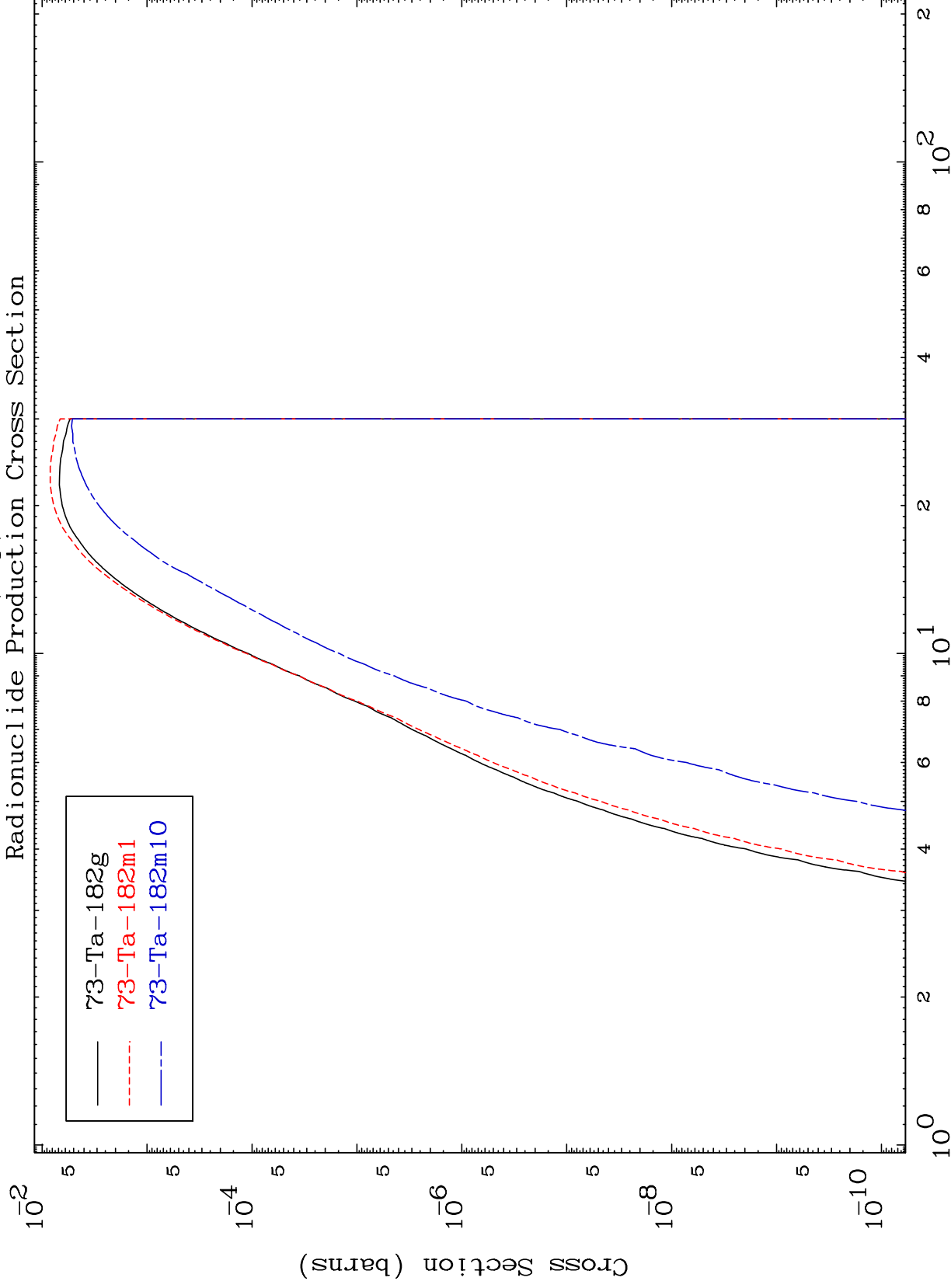
Radionuclide Production Cross Section
(n,γ)



MAT 7431

74-W -182

Radionuclide Production Cross Section (n,p)



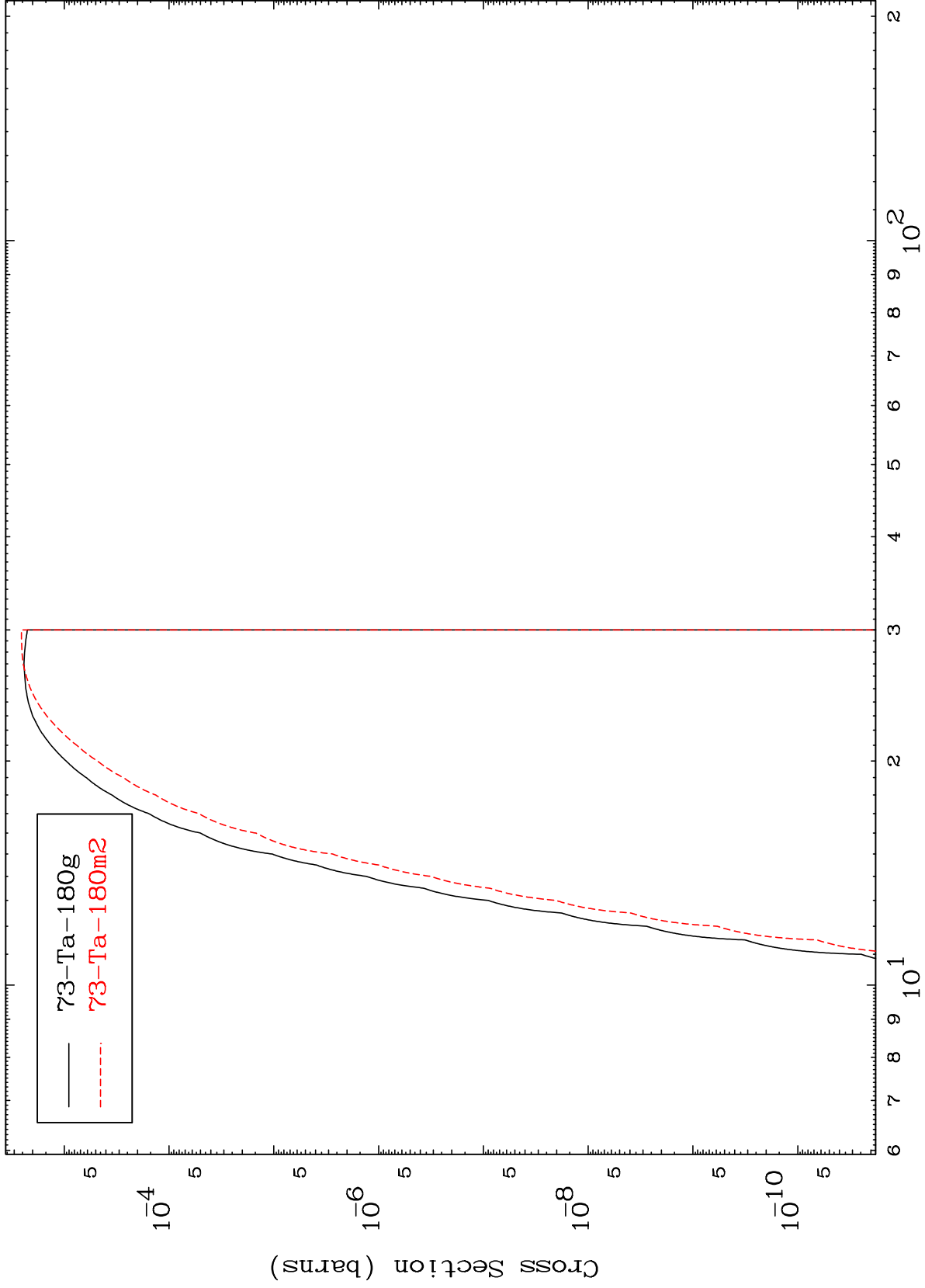
73-Ta-182g
73-Ta-182m1
73-Ta-182m10

137

Incident Energy (MeV)

74-W -182

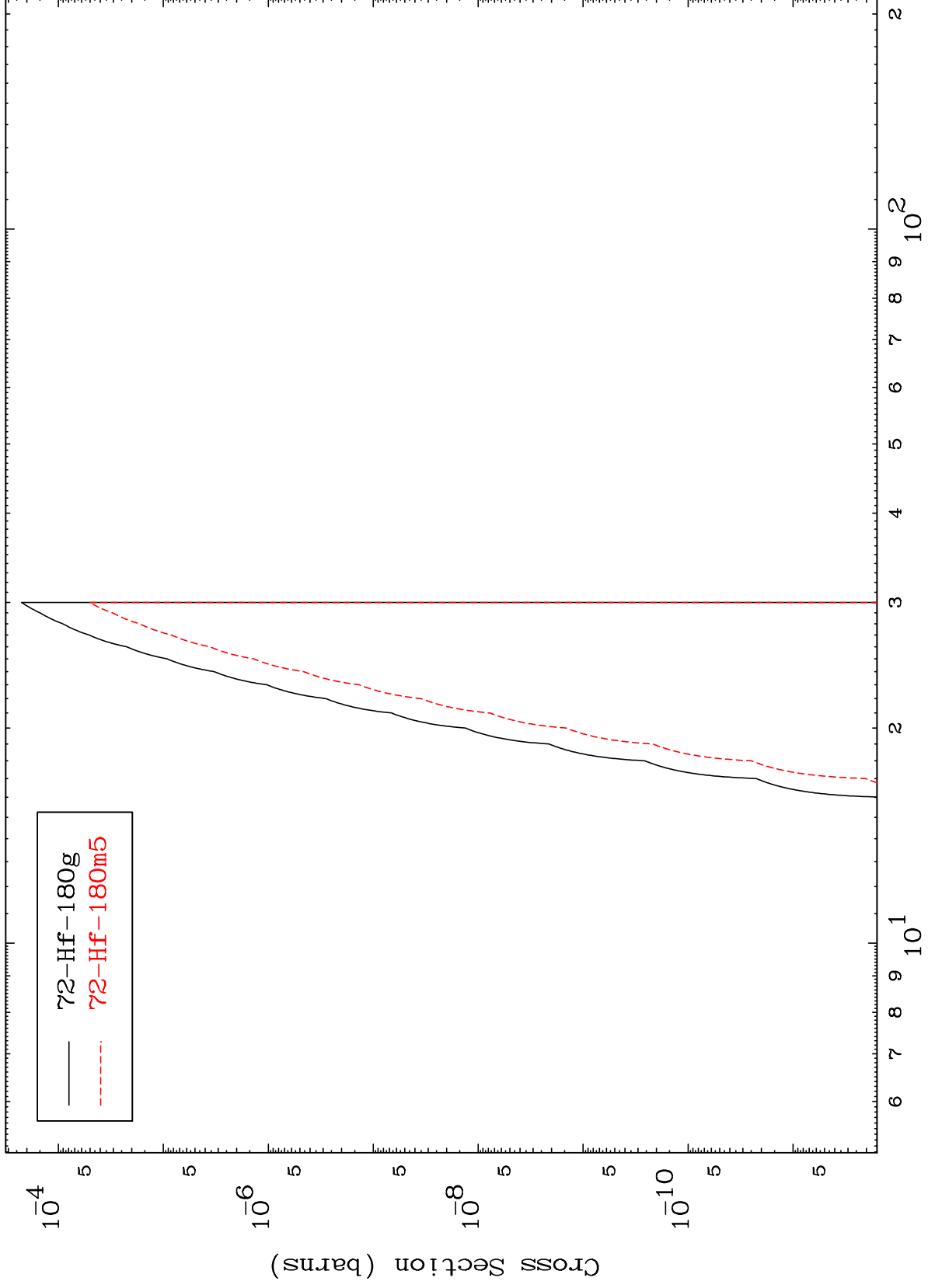
(n, t)
Radionuclide Production Cross Section



MAT 7431

74-W -182

(n,He-3)
Radionuclide Production Cross Section



139

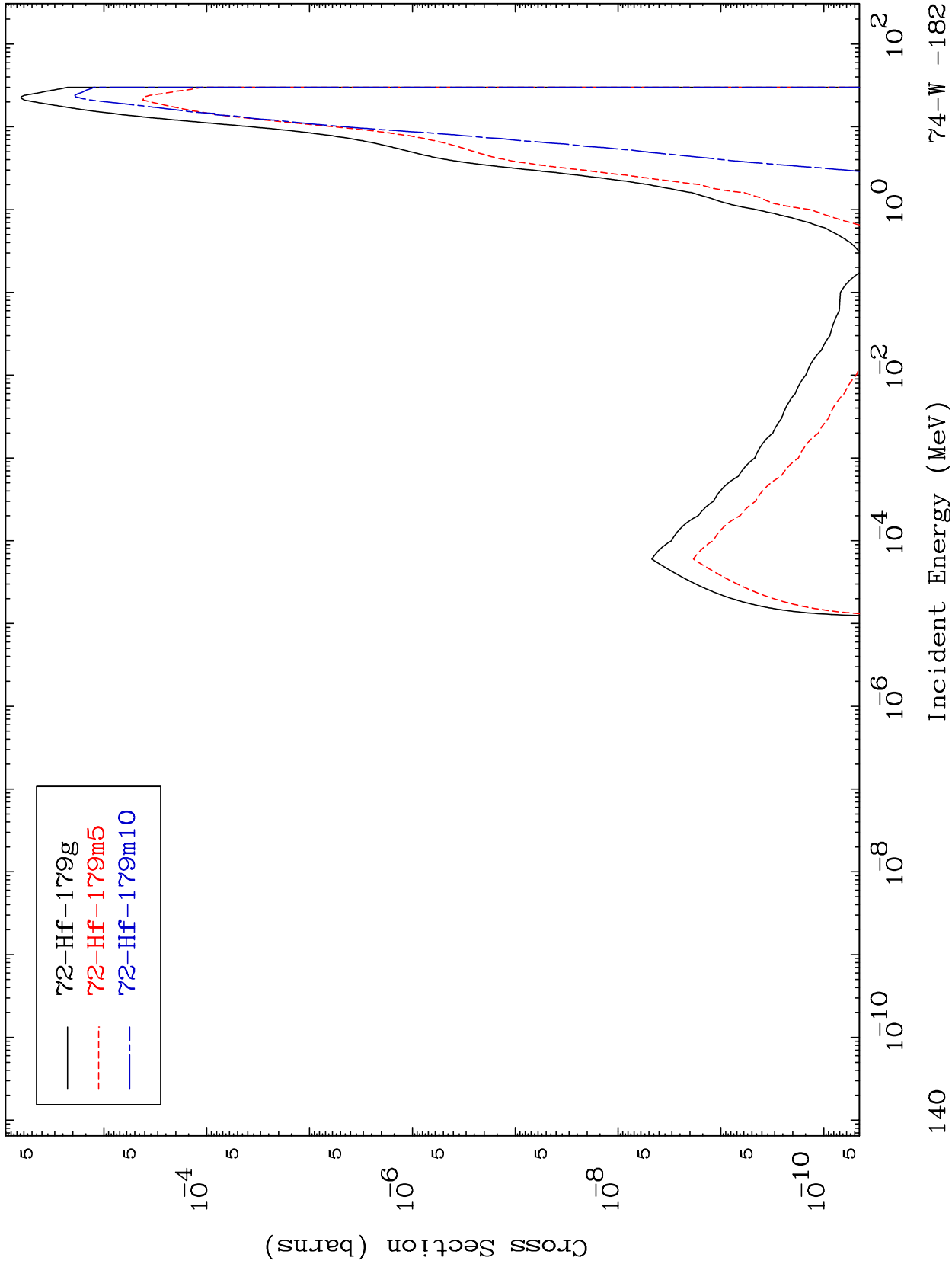
Incident Energy (MeV)

74-W -182

MAT 7431

74-W -182

Radionuclide Production Cross Section
(n, α)

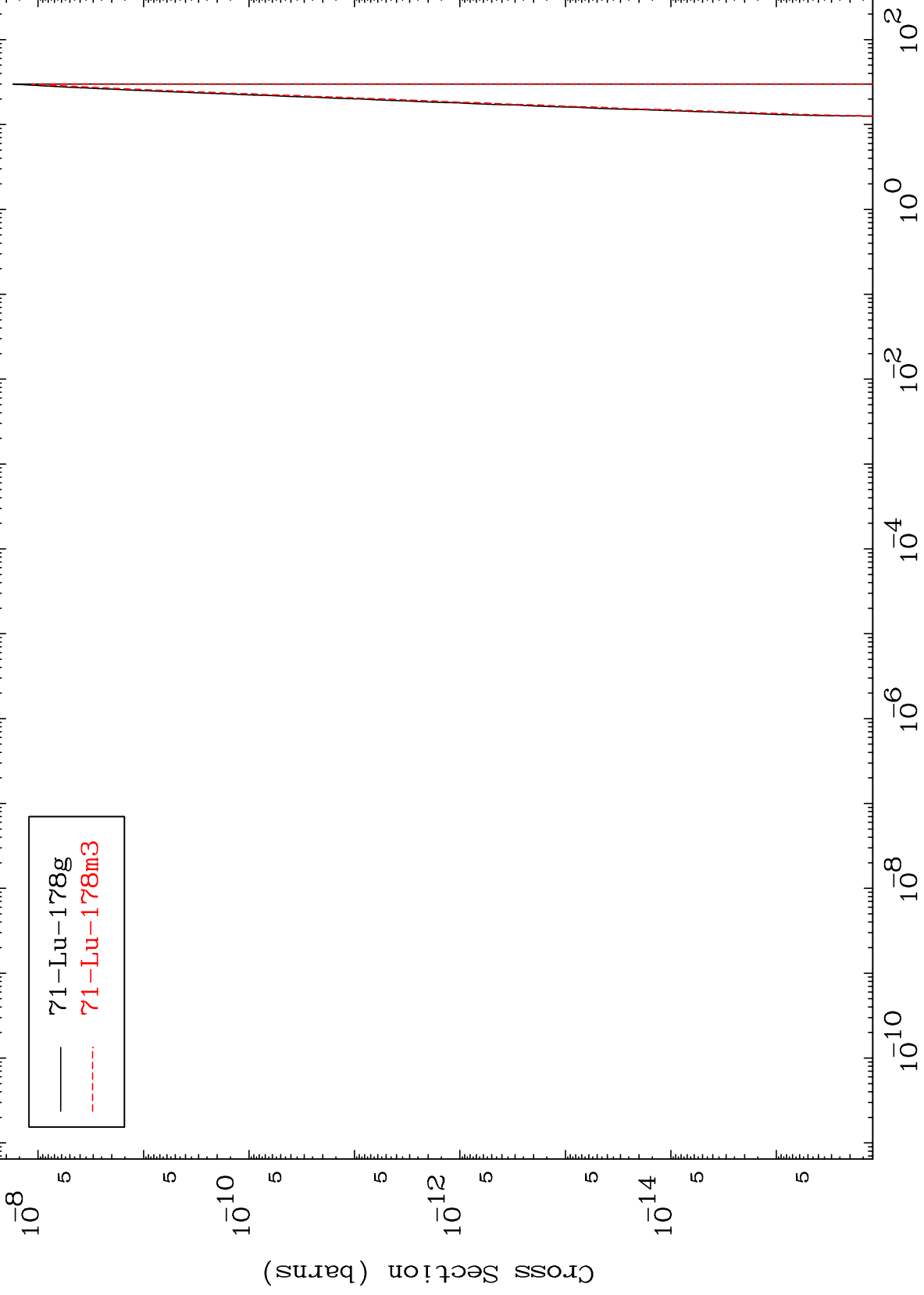


MAT 7431

(n,p) α

74-W -182

Radionuclide Production Cross Section

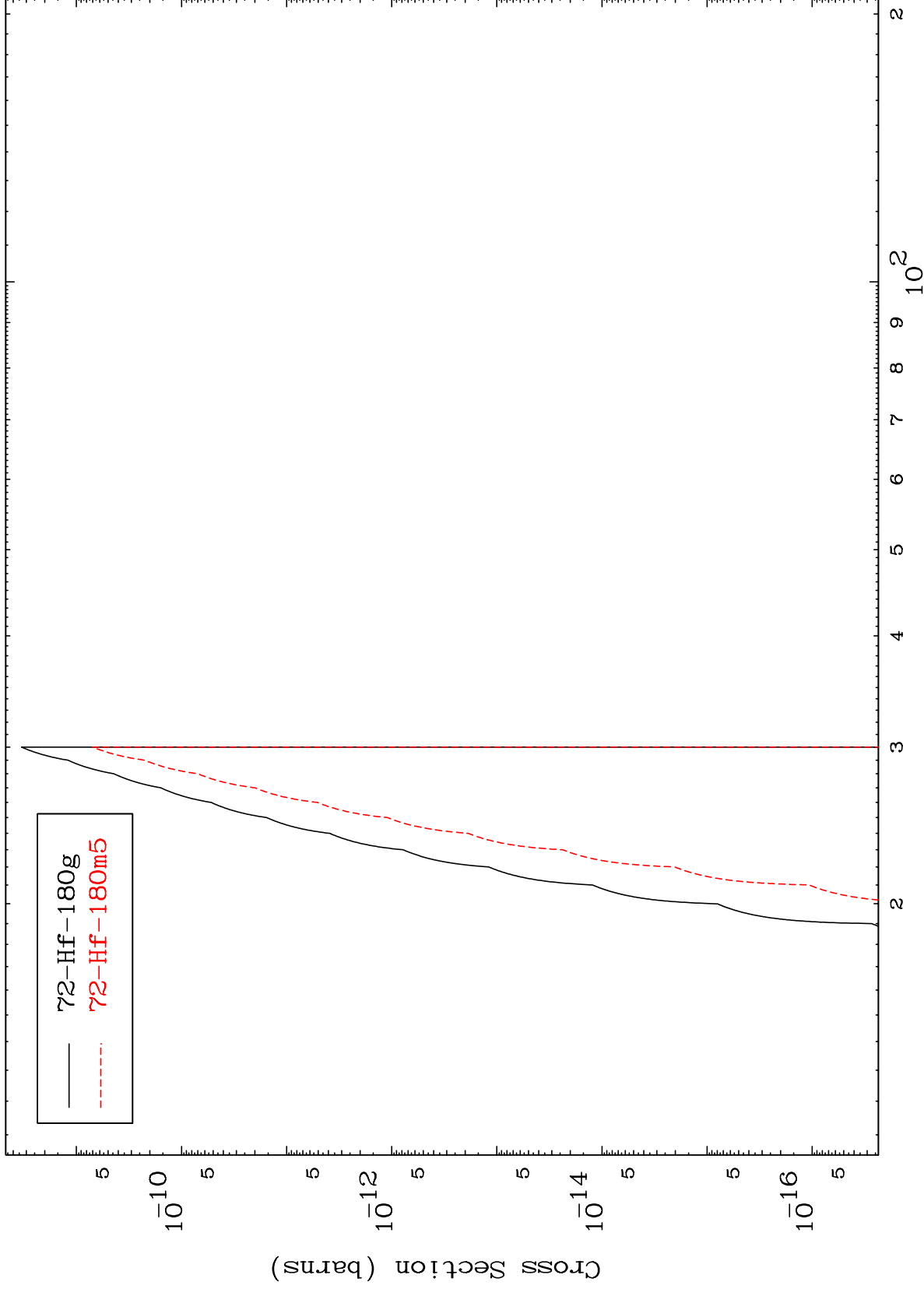


141

Incident Energy (MeV)

74-W -182

Radionuclide Production Cross Section



Radionuclide Production Cross Section

