

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

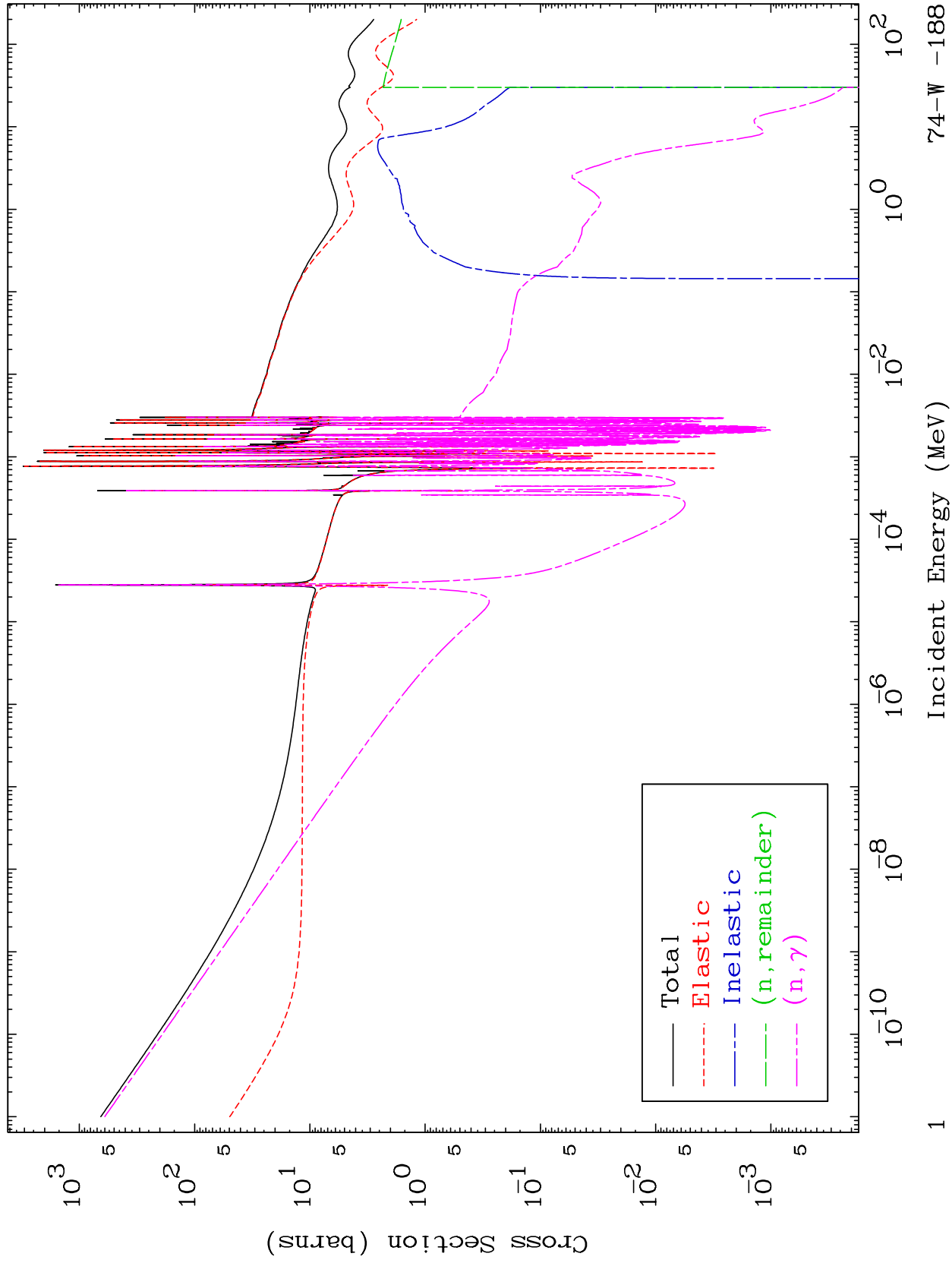
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Web: redcullen1.net/HOMEPAGE.NEW

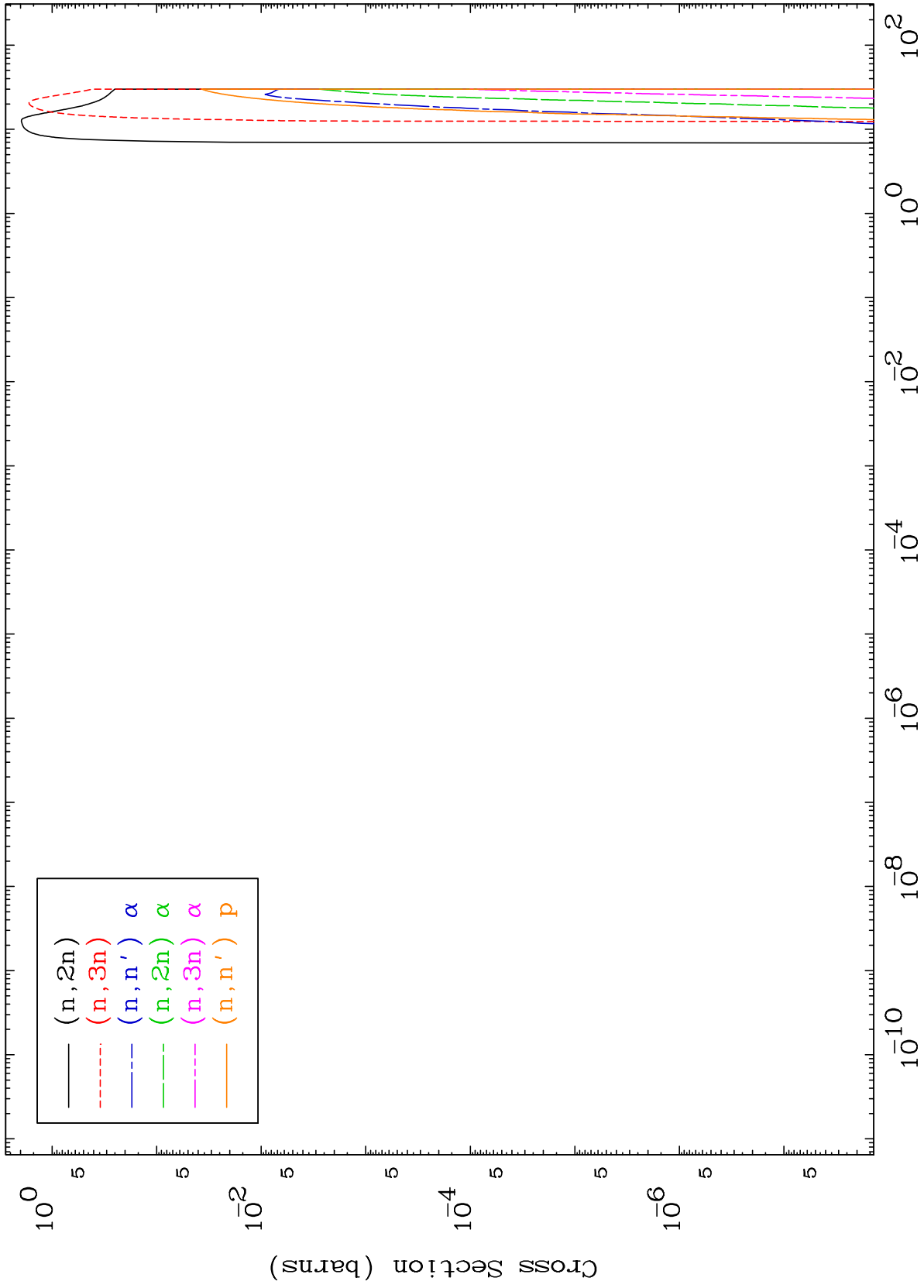
Press Mouse Button to Start



MAT 7449

Neutron Production
293 Kelvin Cross Sections

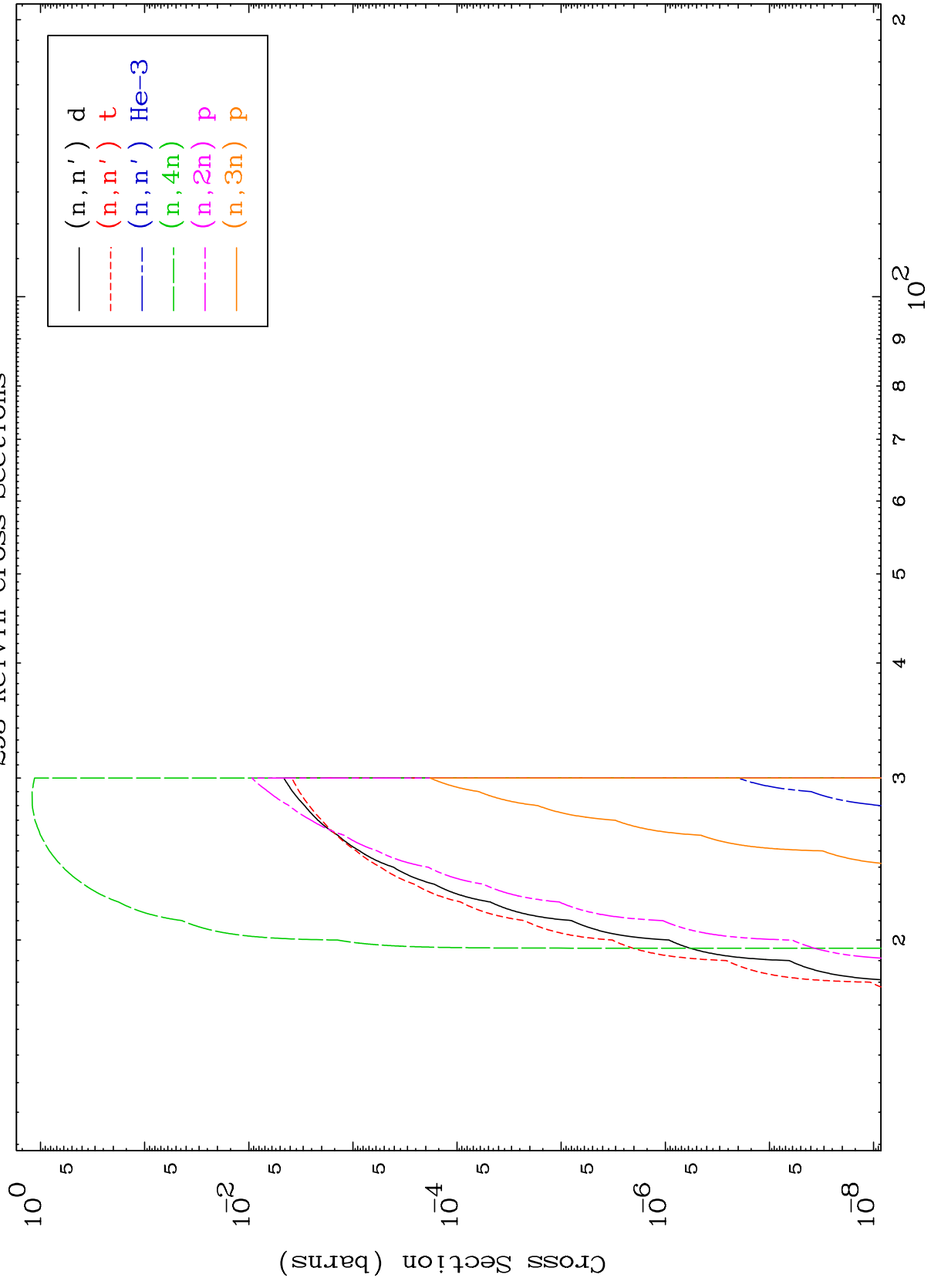
74-W -188



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Incident Energy (MeV)

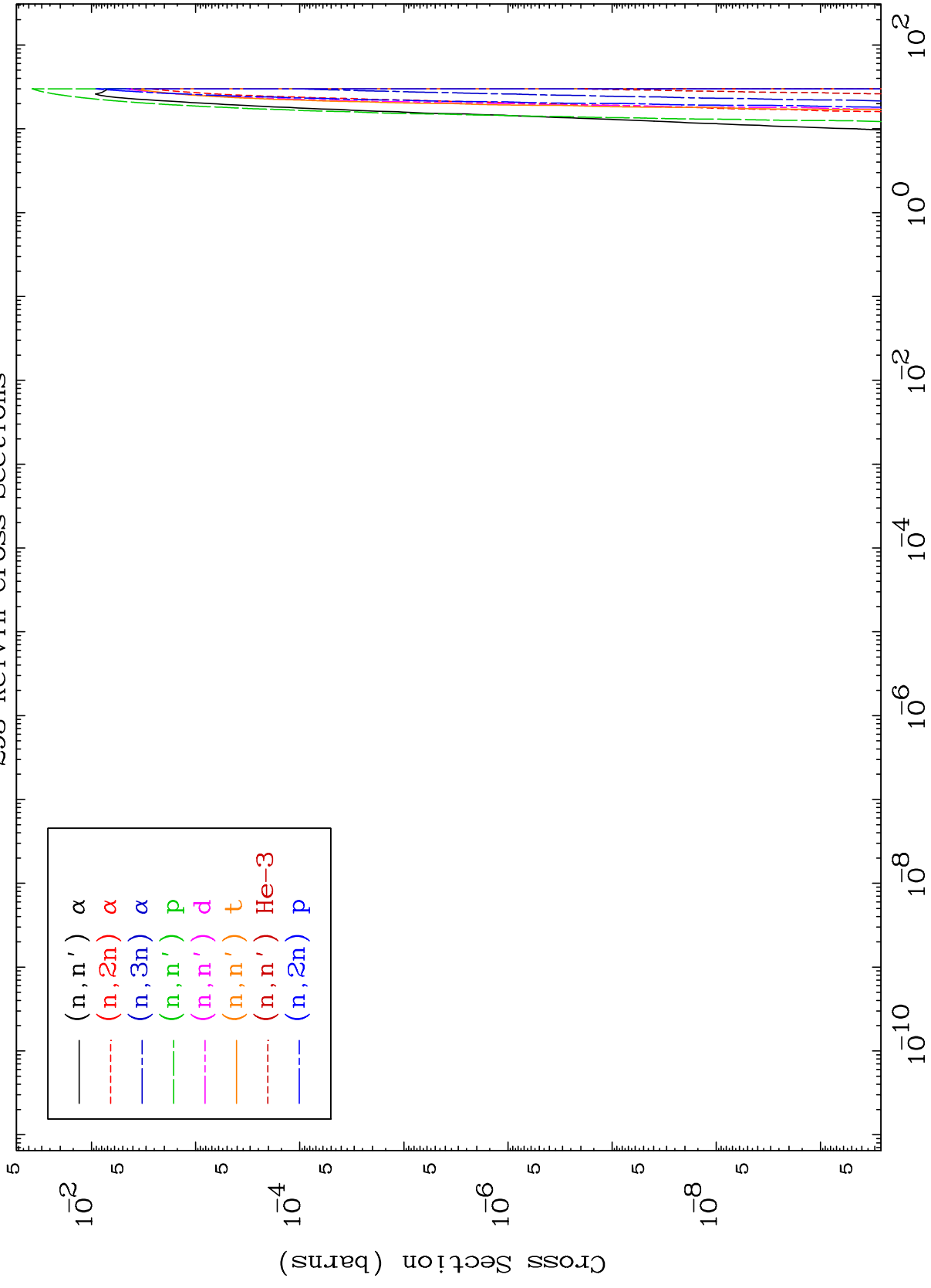
74-W -188

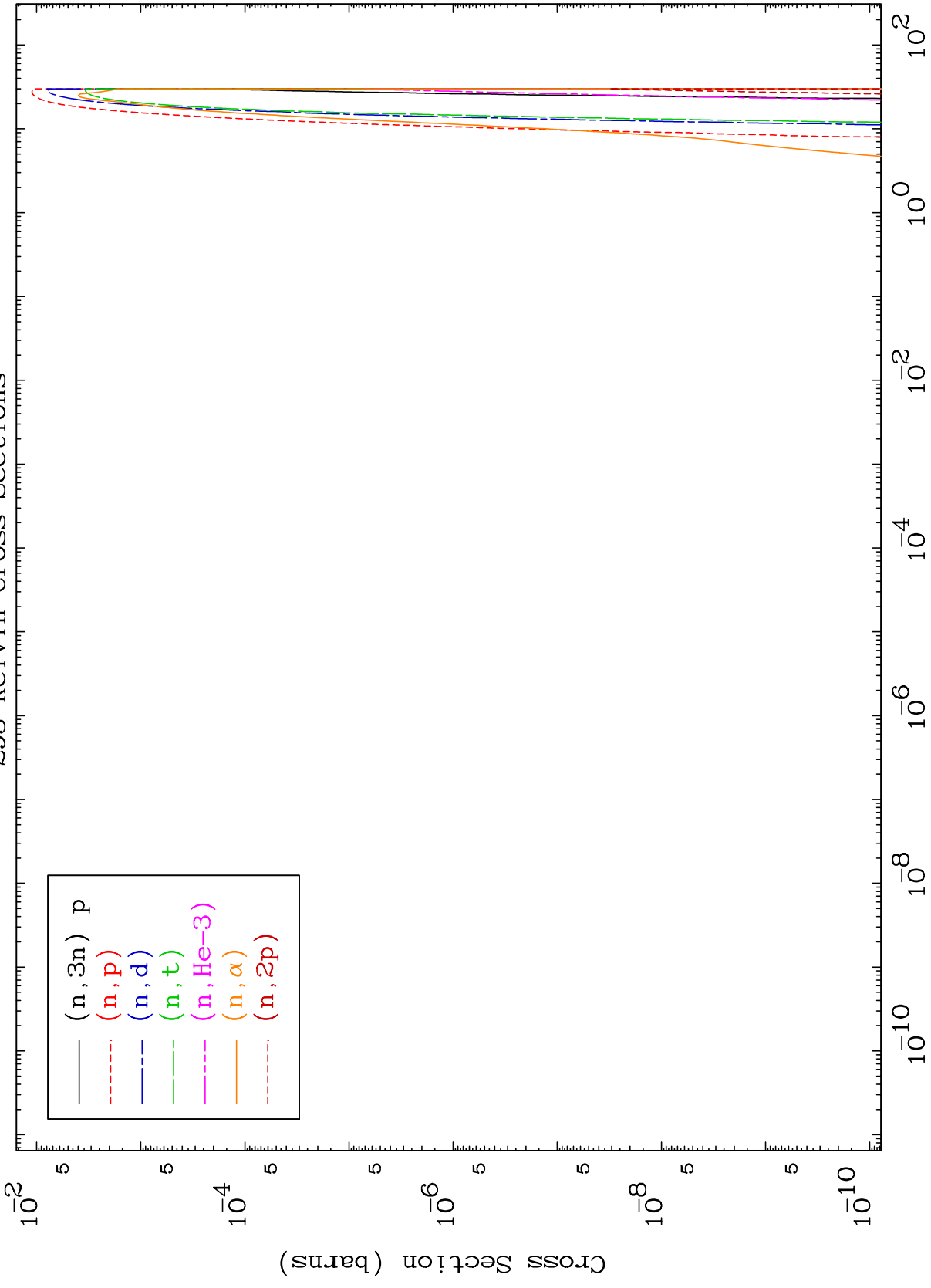


MAT 7449

Charged Particle
293 Kelvin Cross Sections

74-W -188

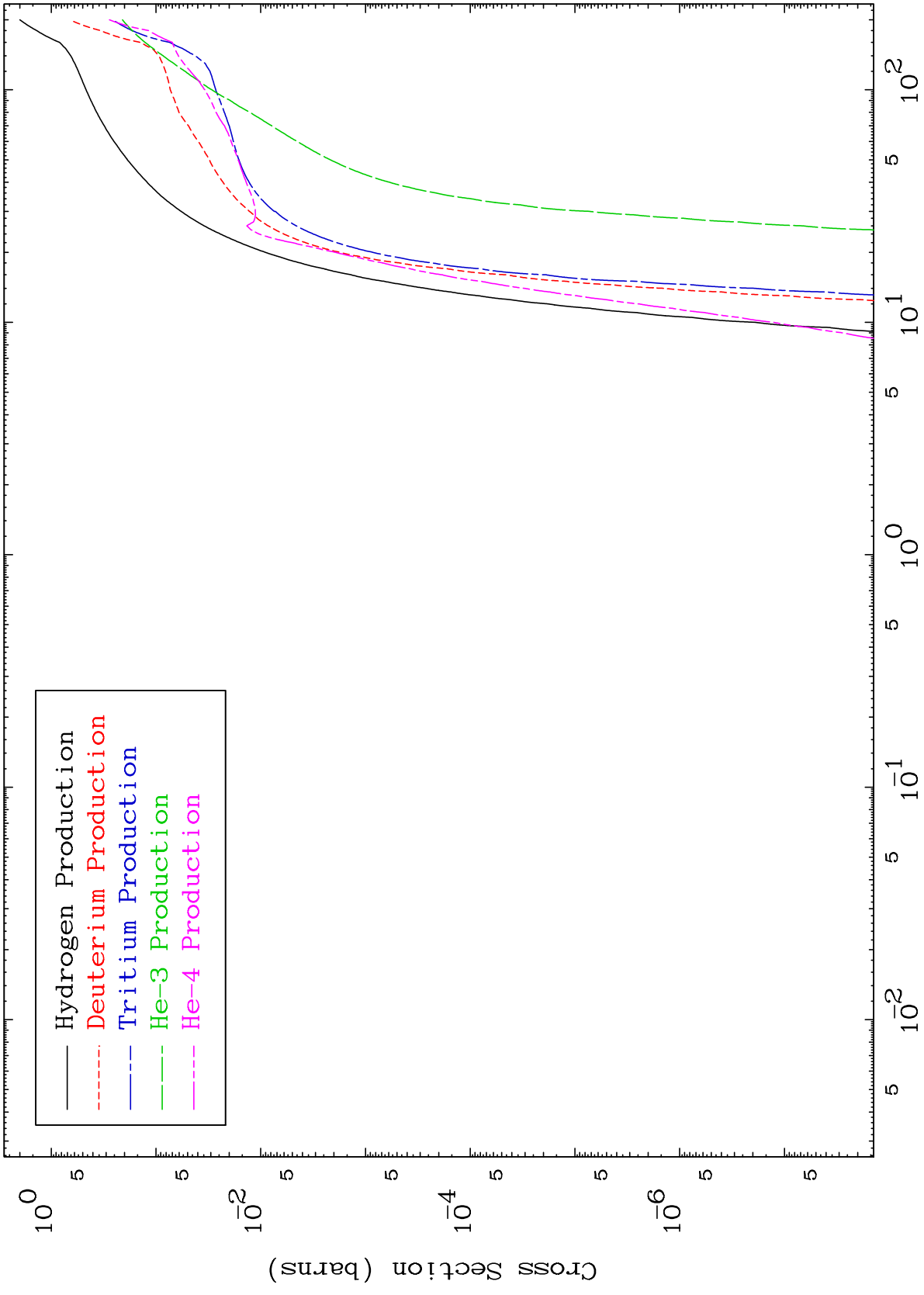




MAT 7449

Particle Production
293 Kelvin Cross Sections

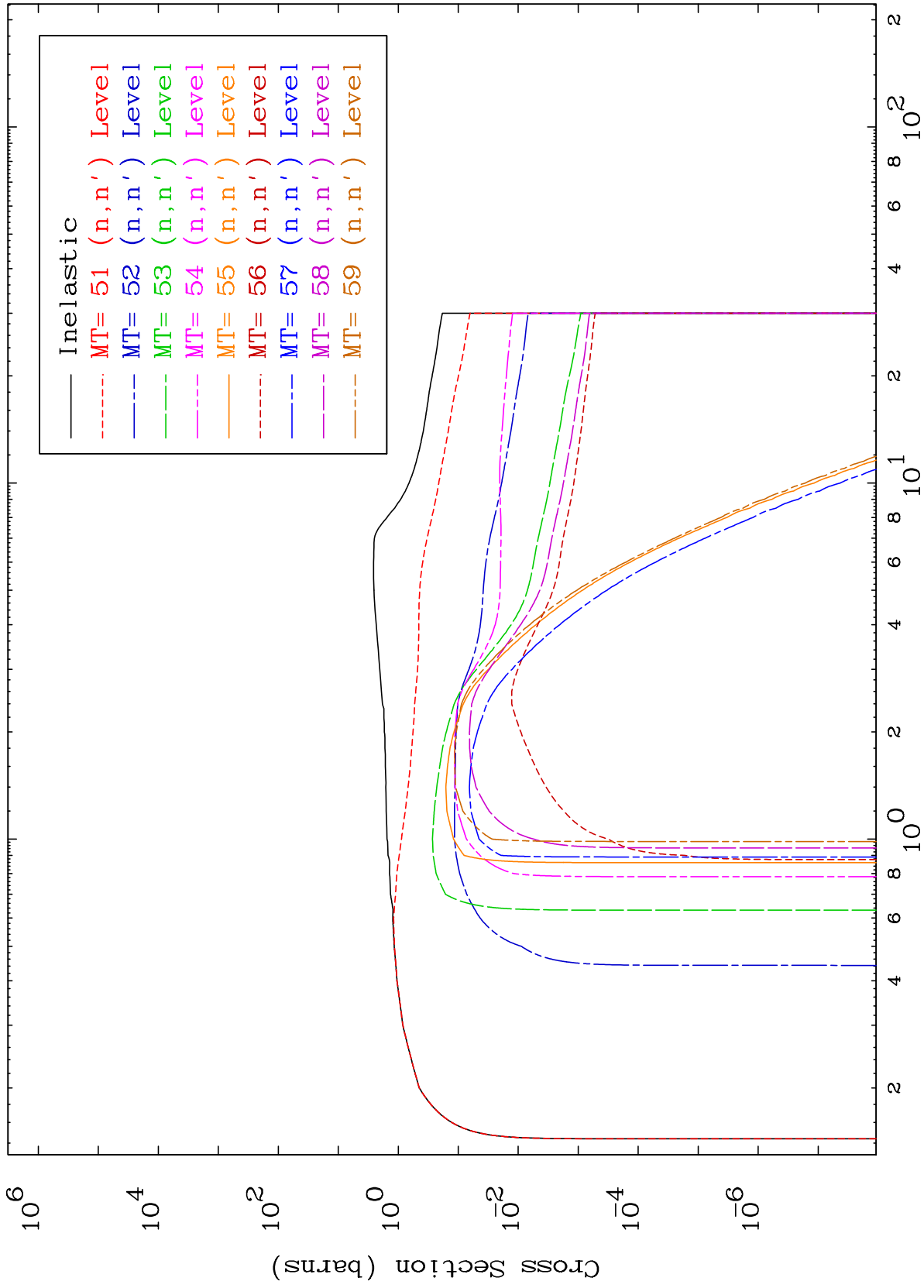
74-W -188



6

Incident Energy (MeV)

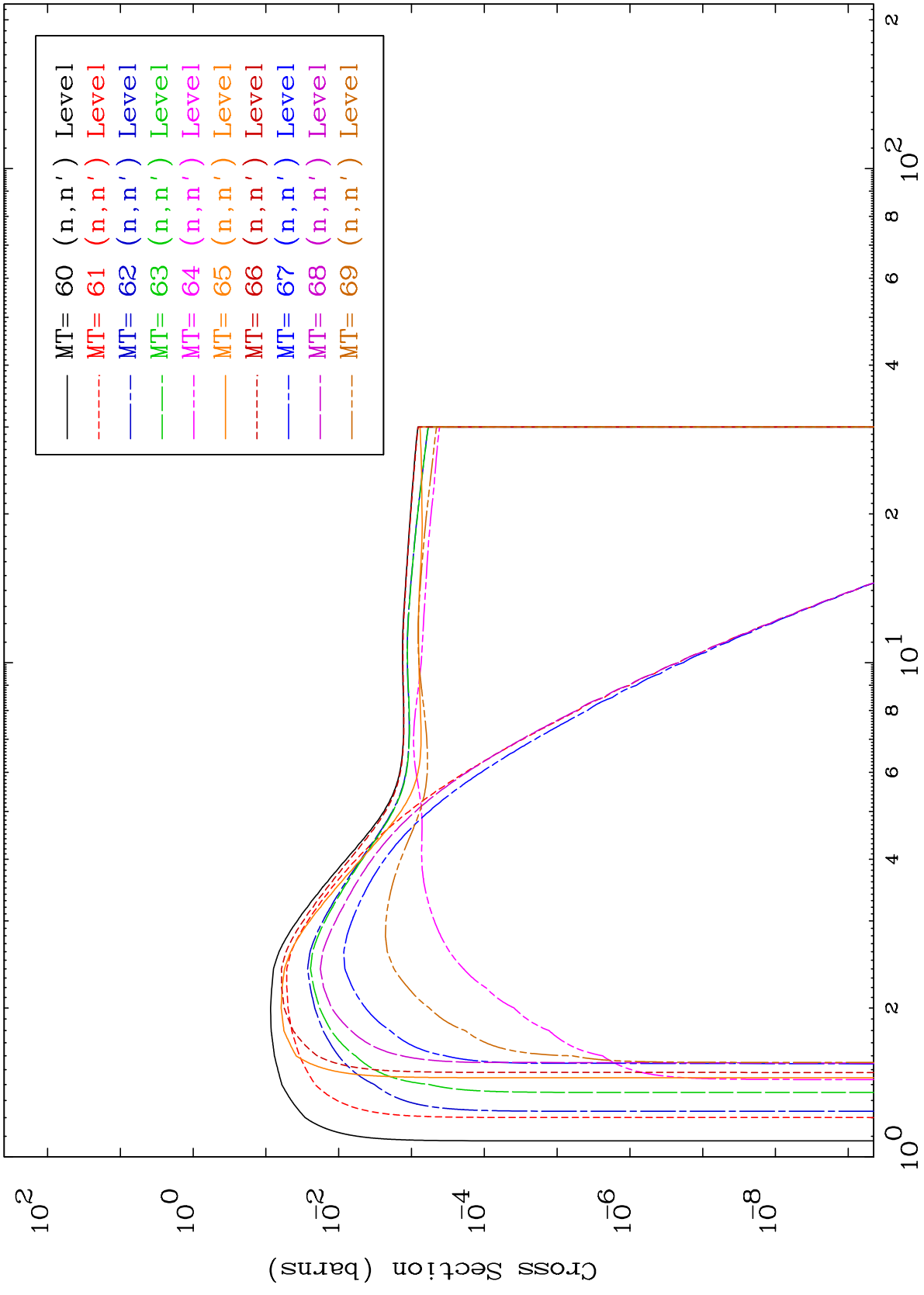
74-W -188



MAT 7449

(n,n') Level
293 Kelvin Cross Sections

74-W -188



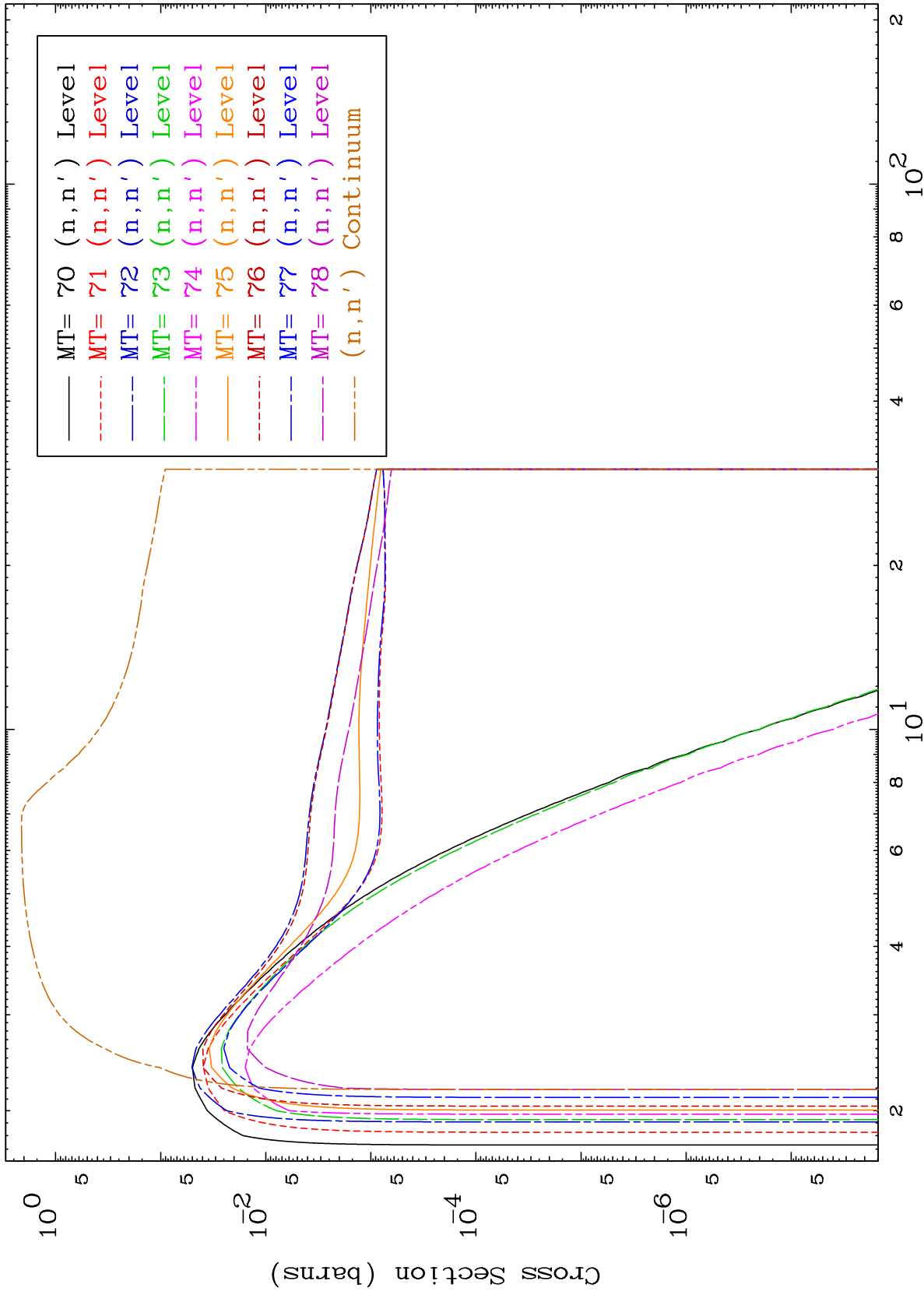
Incident Energy (MeV)

74-W -188

MAT 7449

(n,n') Level
293 Kelvin Cross Sections

74-W -188



9

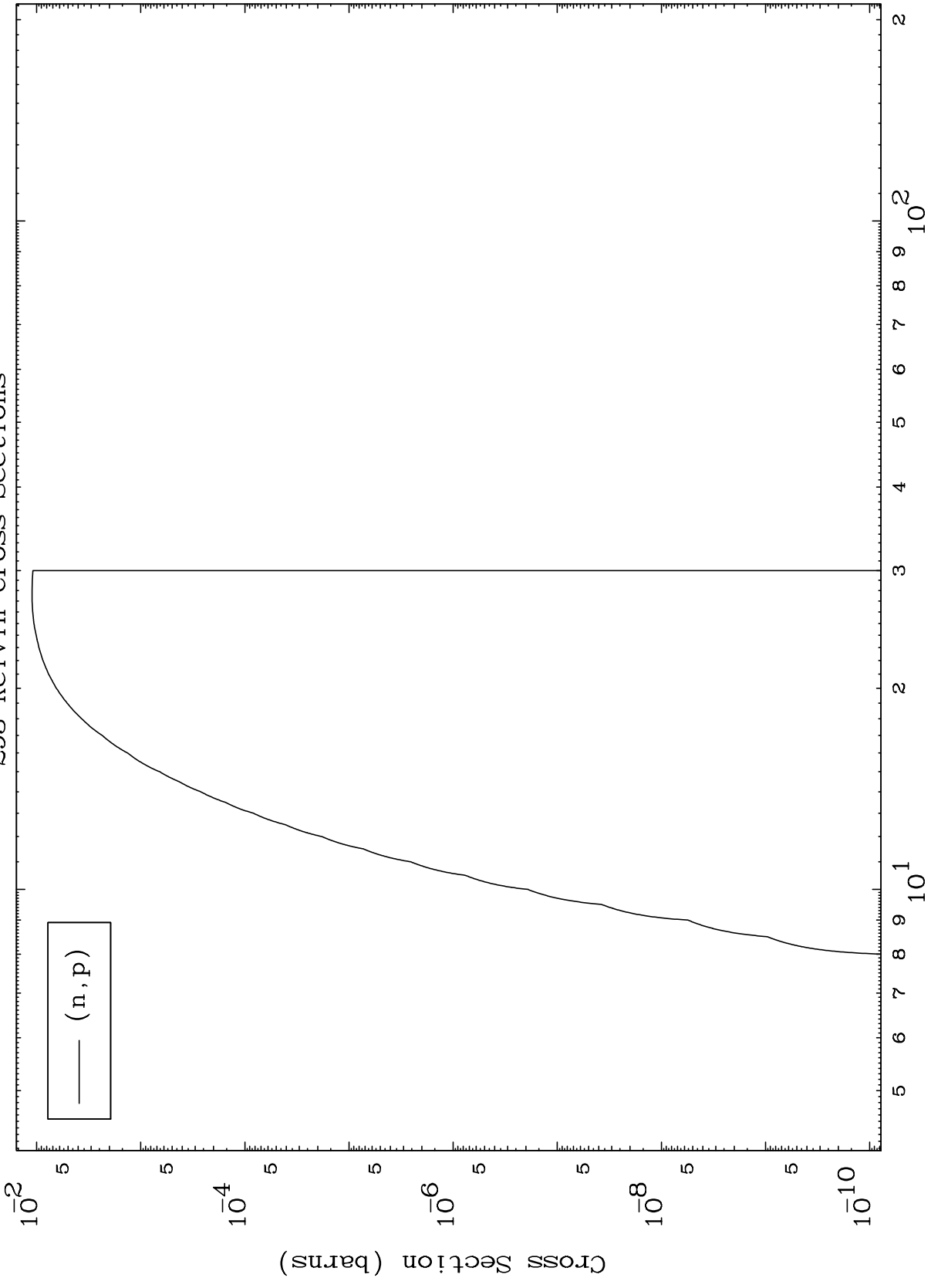
Incident Energy (MeV)

74-W -188

MAT 7449

(n,p) Levels
293 Kelvin Cross Sections

74-W -188



10

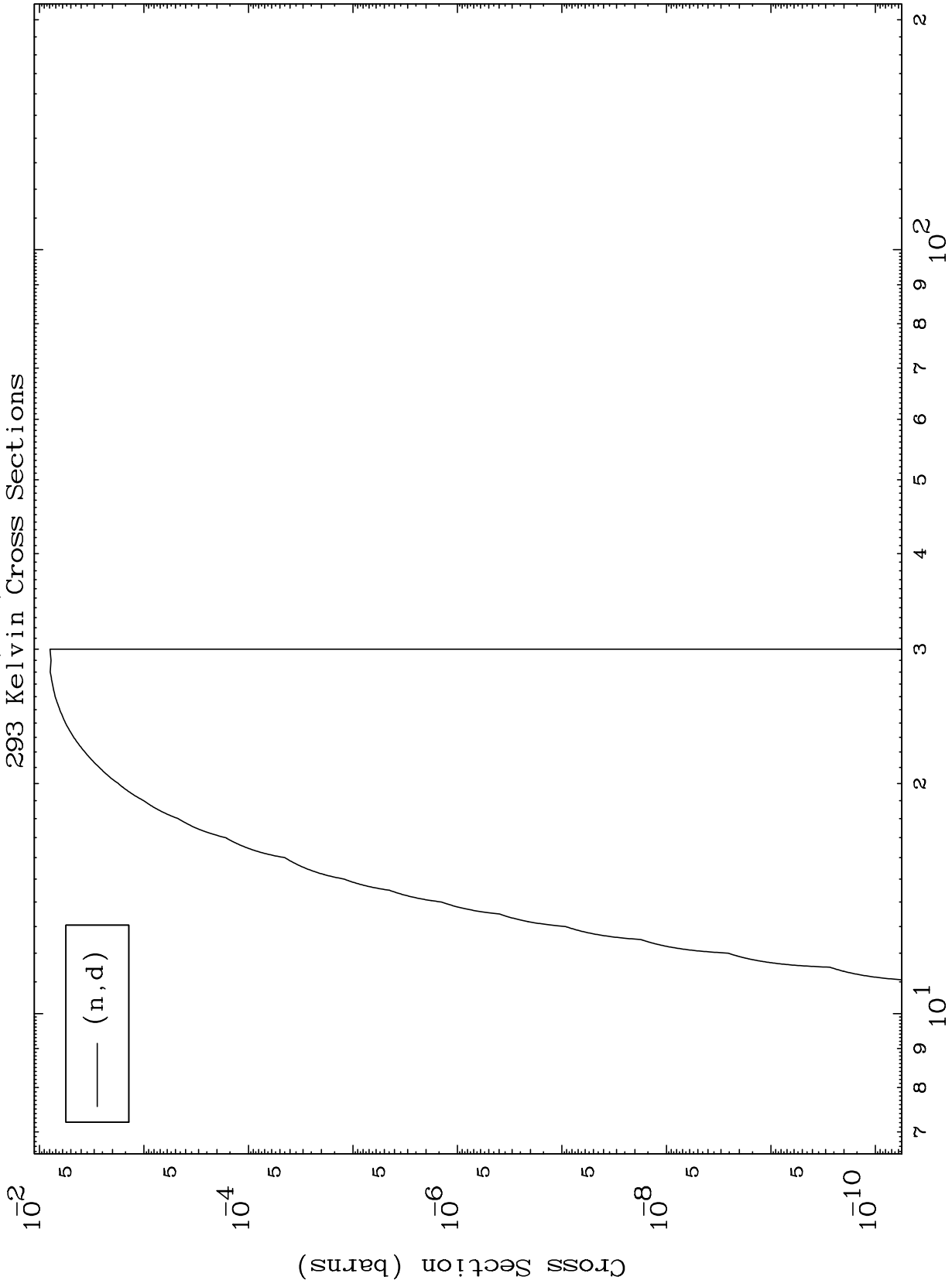
Incident Energy (MeV)

74-W -188

MAT 7449

(n,d) Levels
293 Kelvin Cross Sections

74-W -188



11

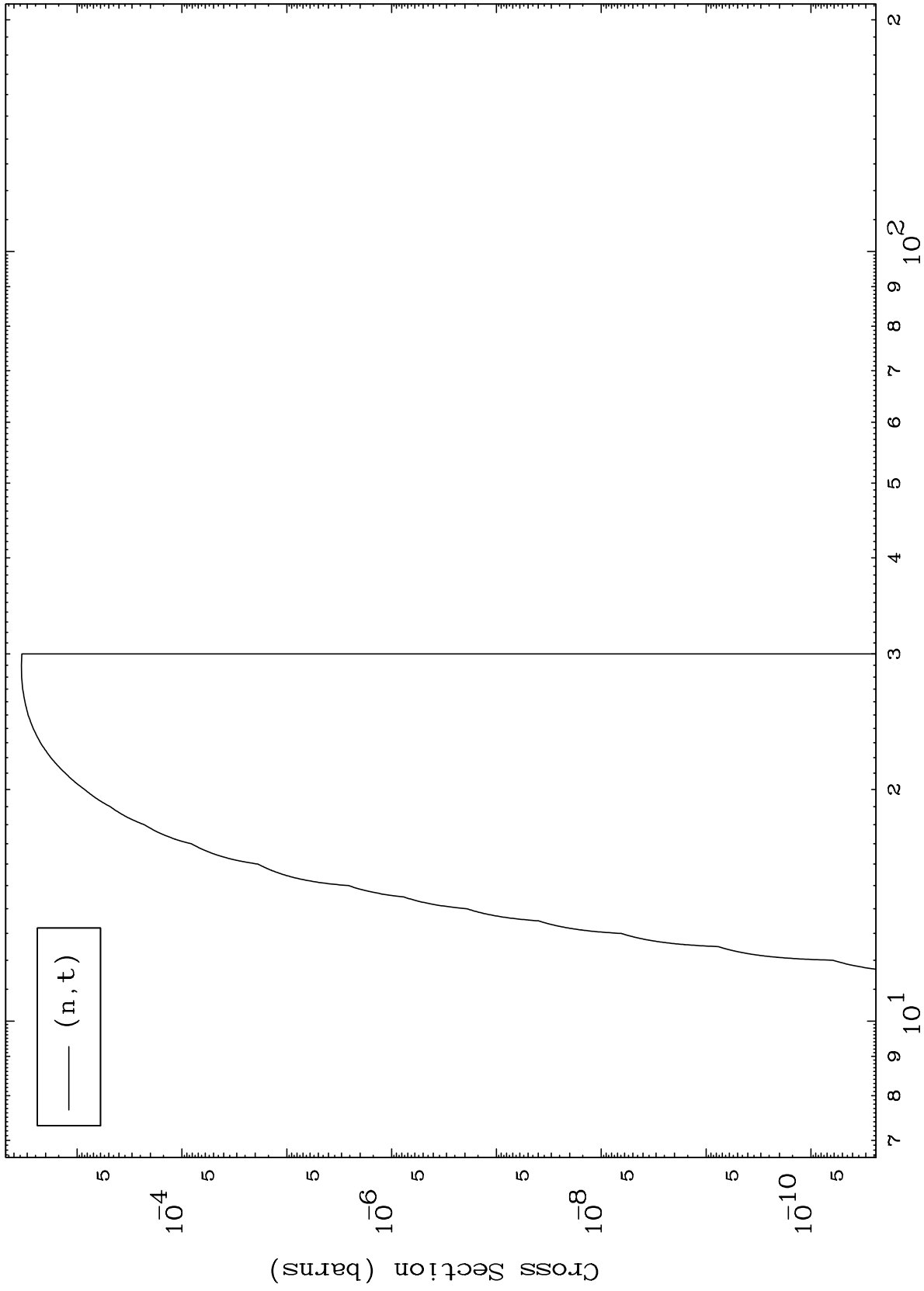
Incident Energy (MeV)

74-W -188

MAT 7449

(n,t) Levels
293 Kelvin Cross Sections

74-W -188



12

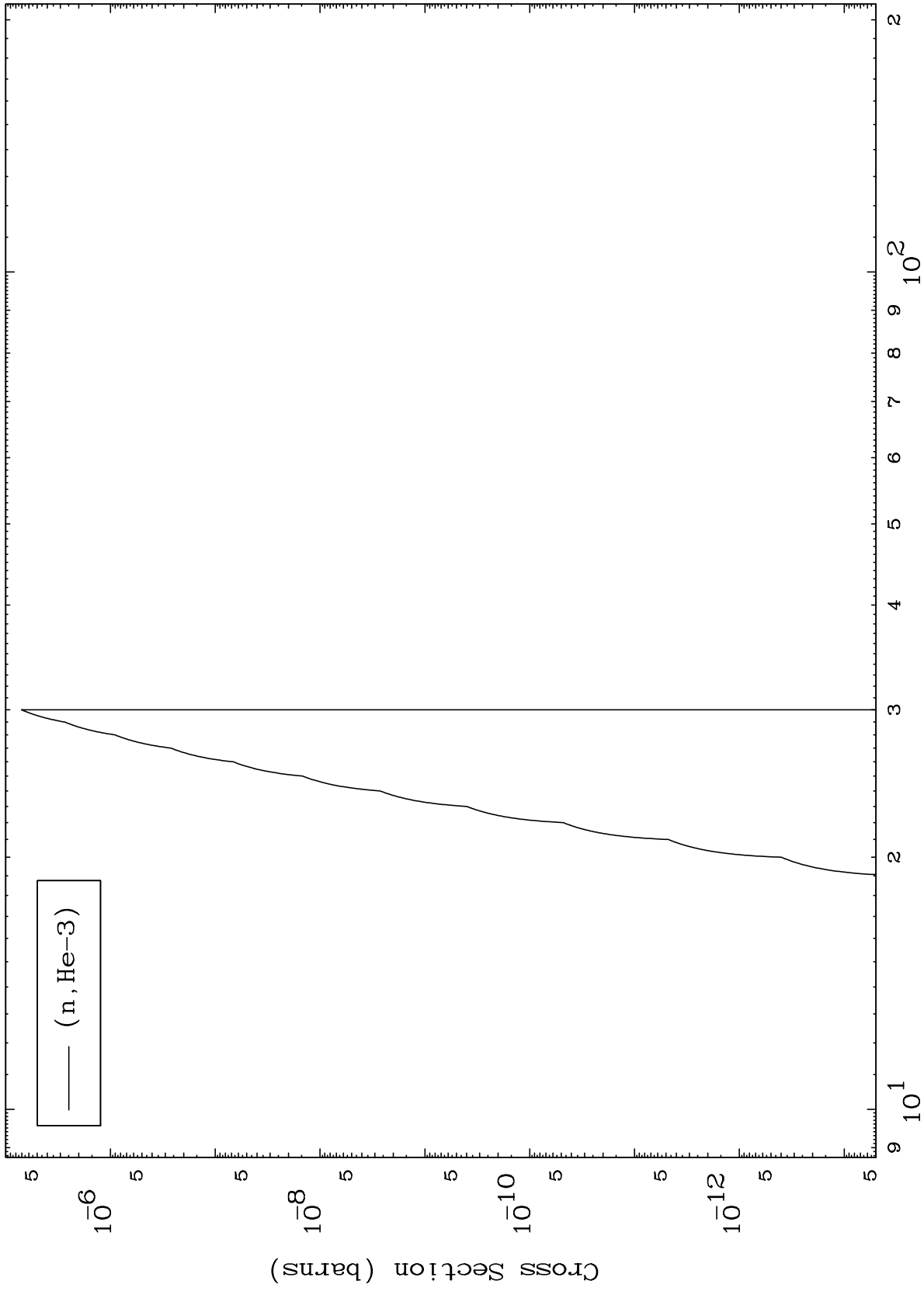
Incident Energy (MeV)

74-W -188

MAT 7449

(n,He3) Levels
293 Kelvin Cross Sections

74-W -188



13

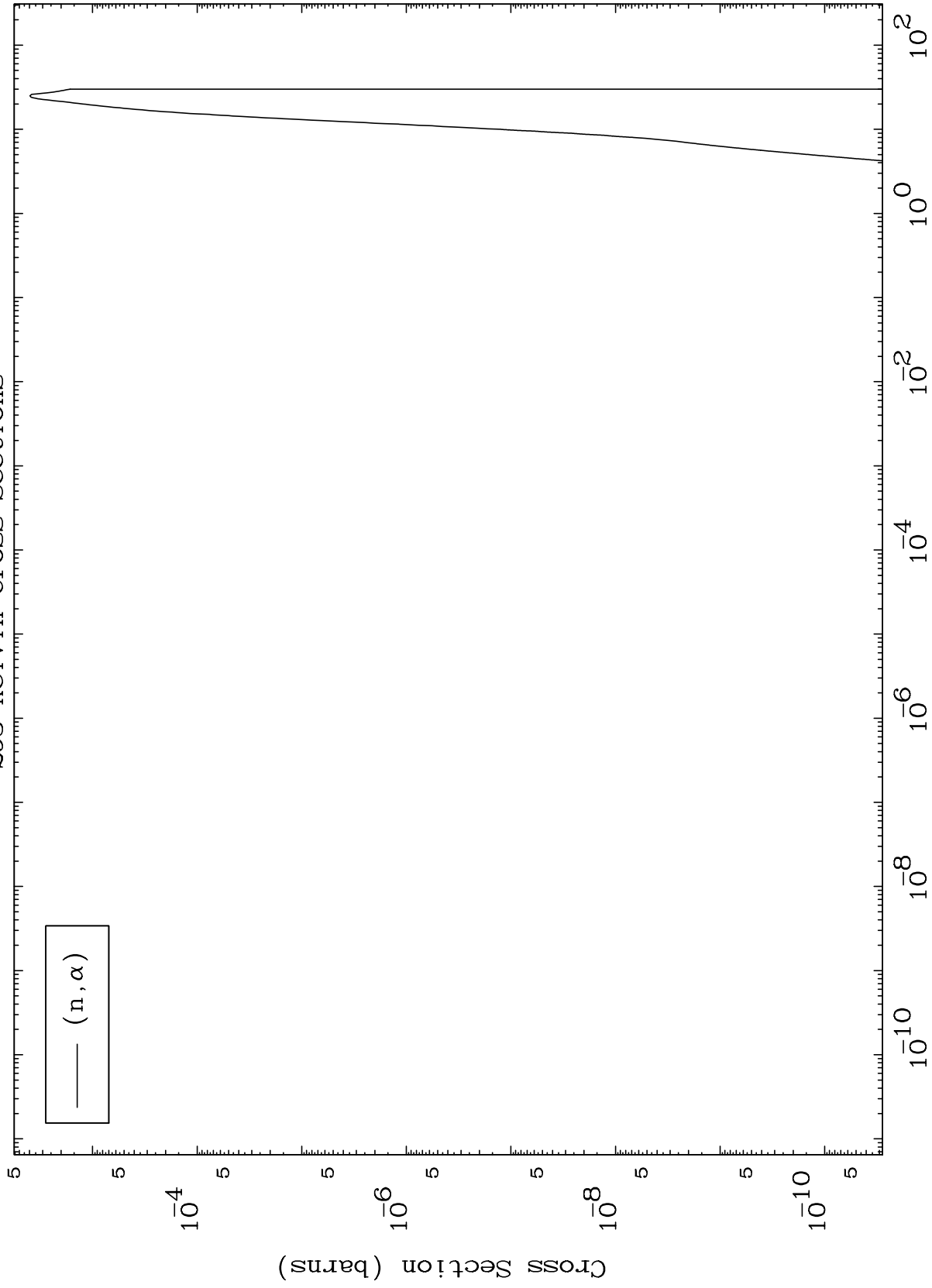
Incident Energy (MeV)

74-W -188

MAT 7449

(n,α) Levels
293 Kelvin Cross Sections

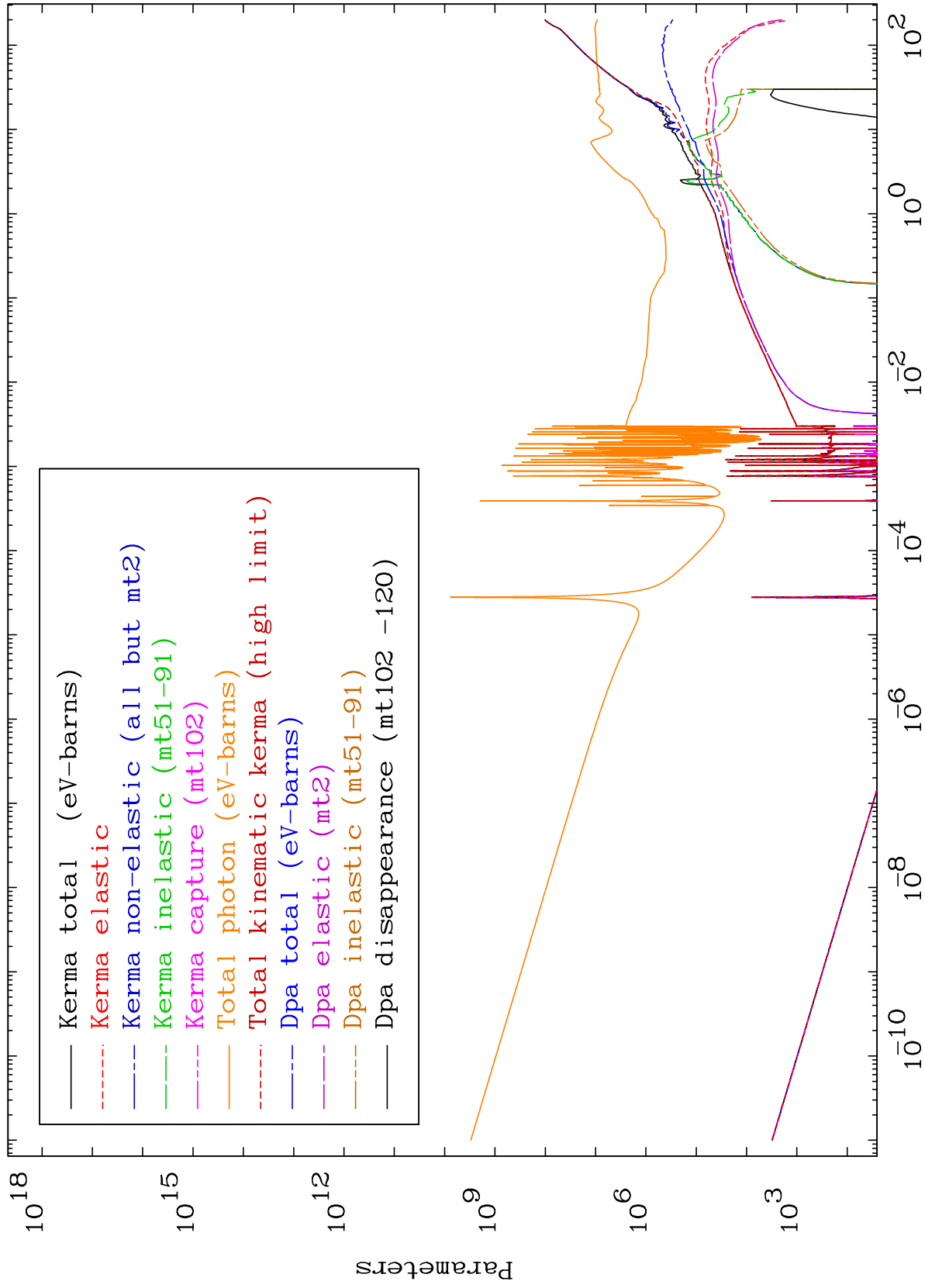
74-W -188



14

Incident Energy (MeV)

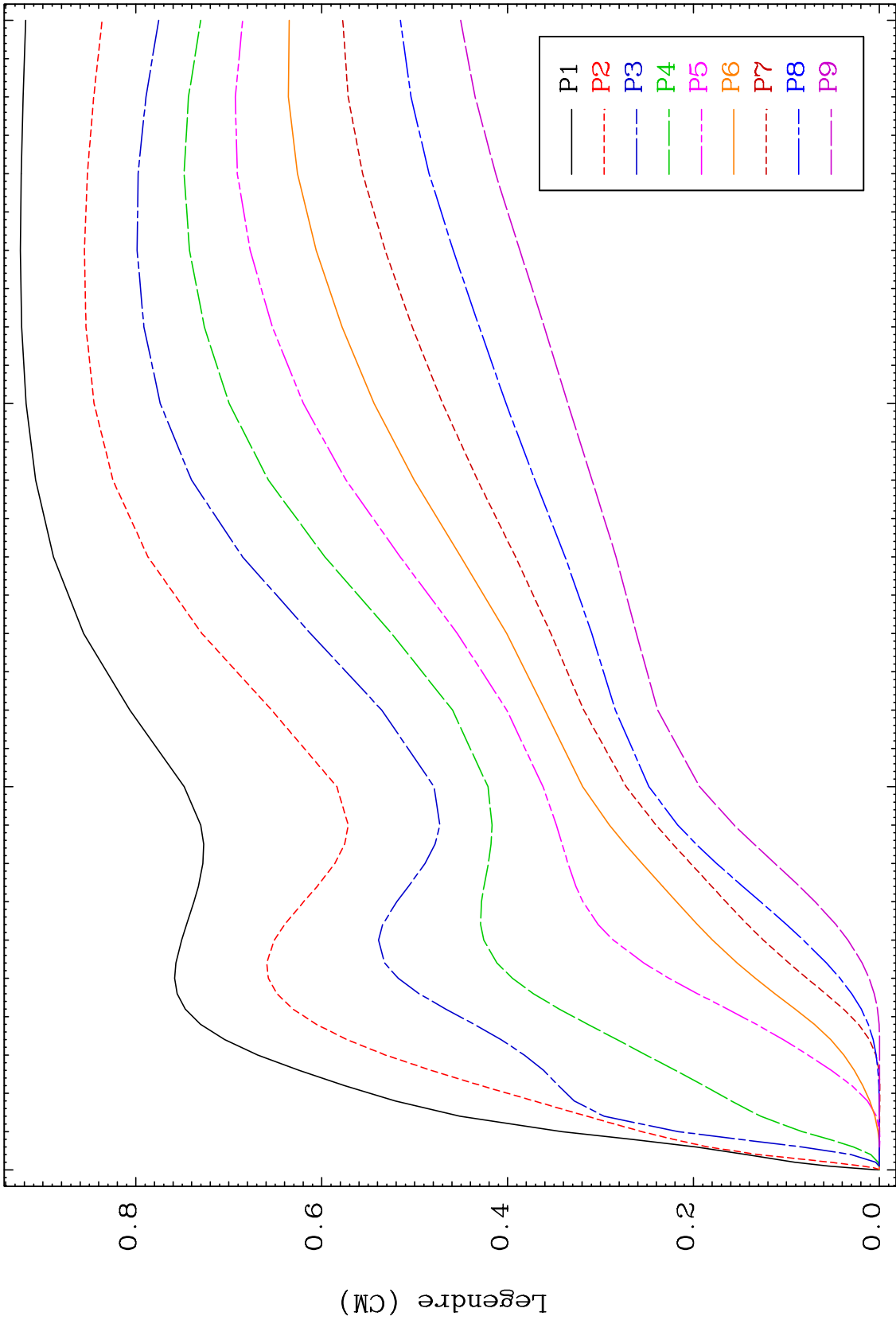
74-W -188



MAT 7449

74-W -188

Elastic Legendre Coefficients



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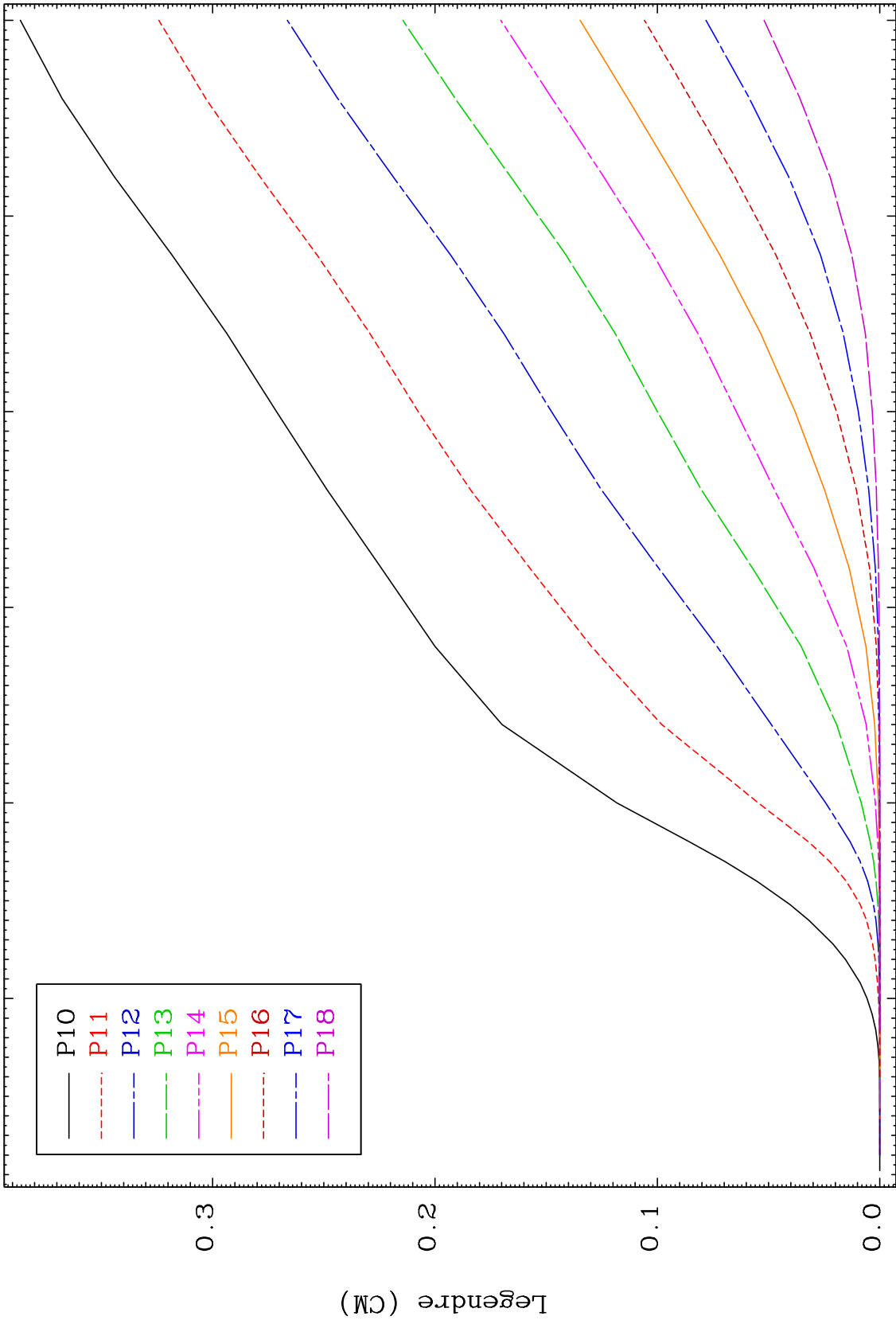
Incident Energy (MeV)

74-W -188

MAT 7449

Elastic Legendre Coefficients

74-W -188



17

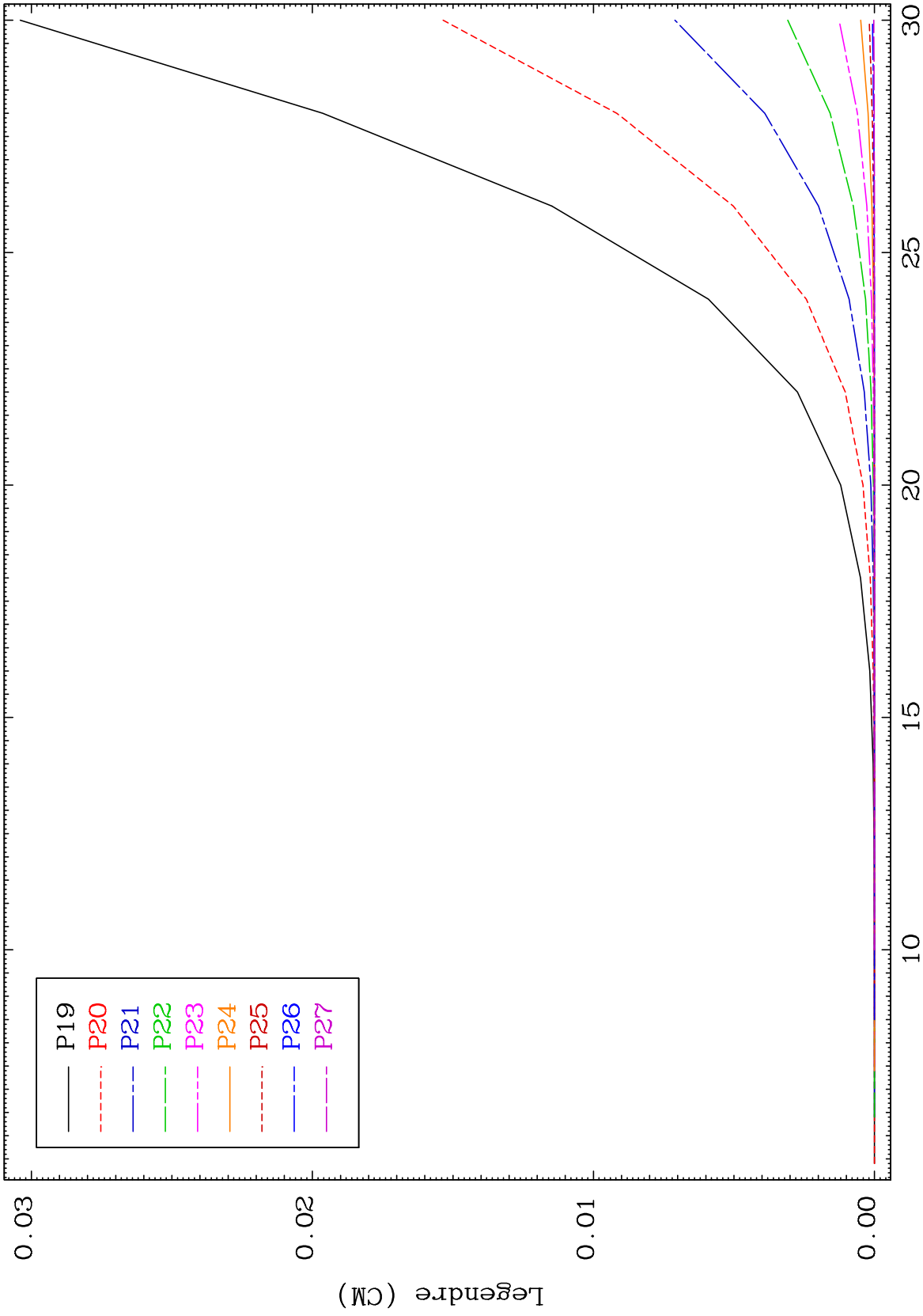
Incident Energy (MeV)

74-W -188

MAT 7449

Elastic Legendre Coefficients

74-W -188



18

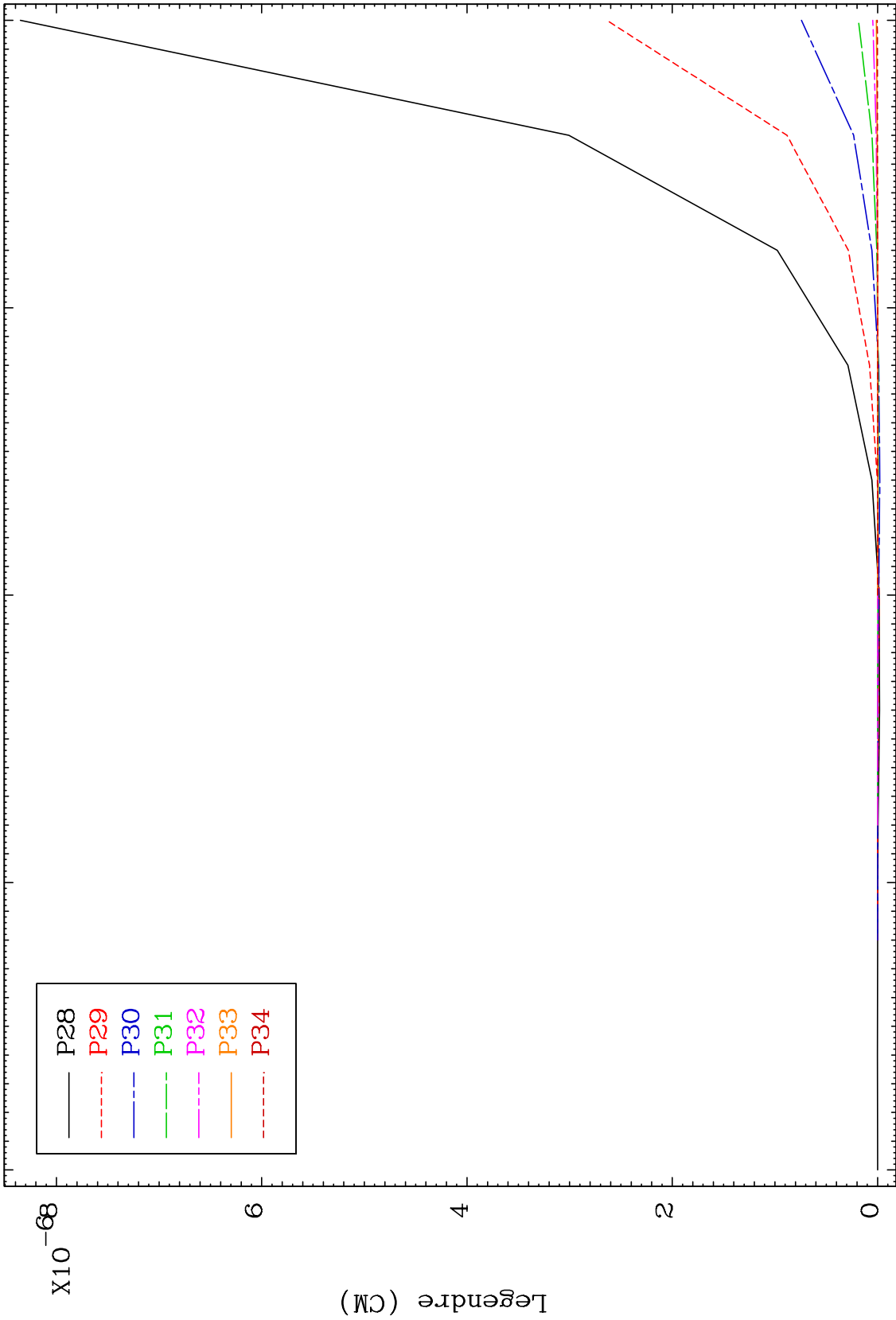
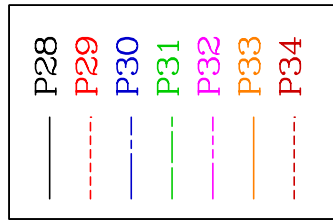
Incident Energy (MeV)

74-W -188

MAT 7449

Elastic Legendre Coefficients

74-W -188



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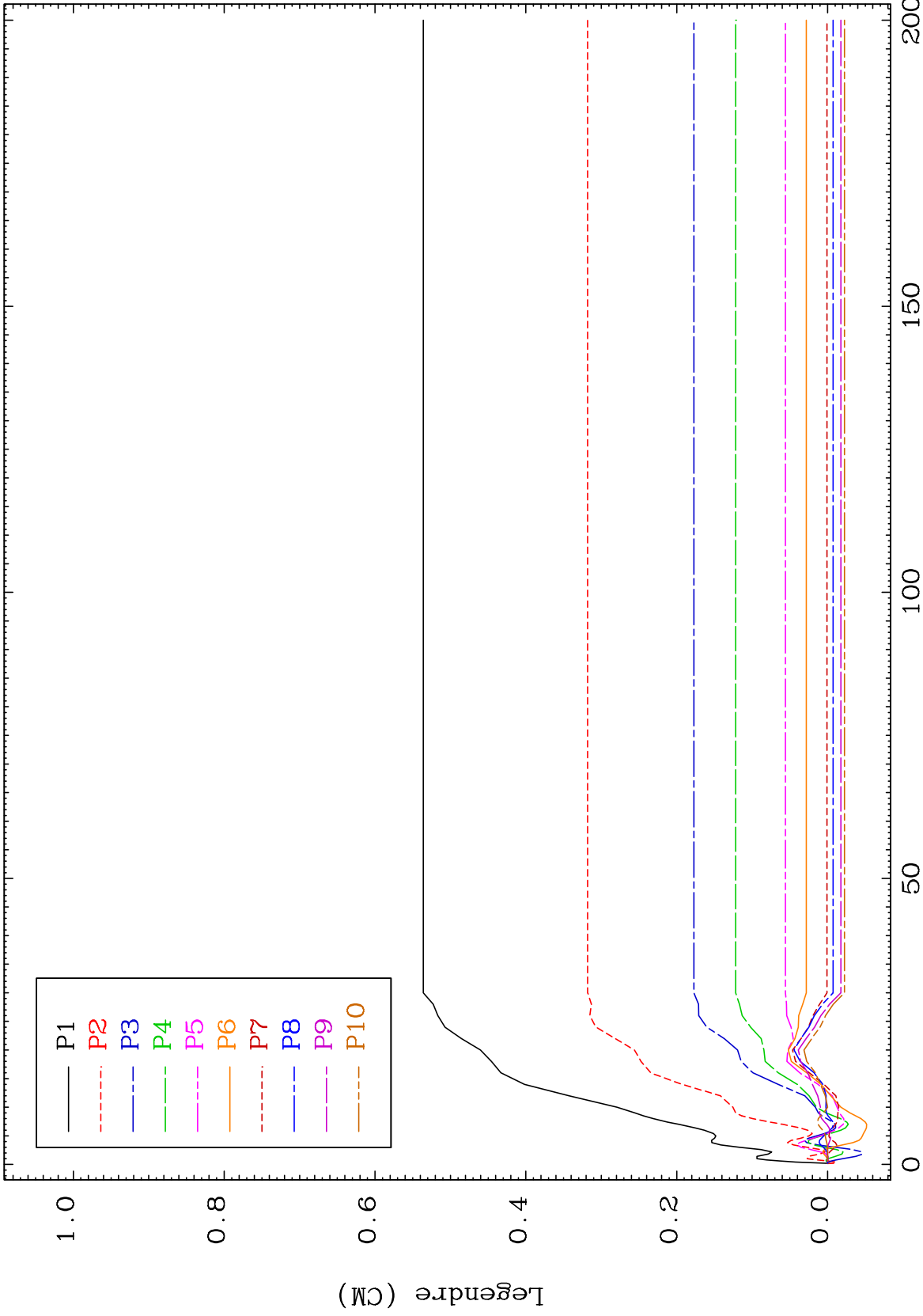
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



20

Incident Energy (MeV)

50

74-W -188

100

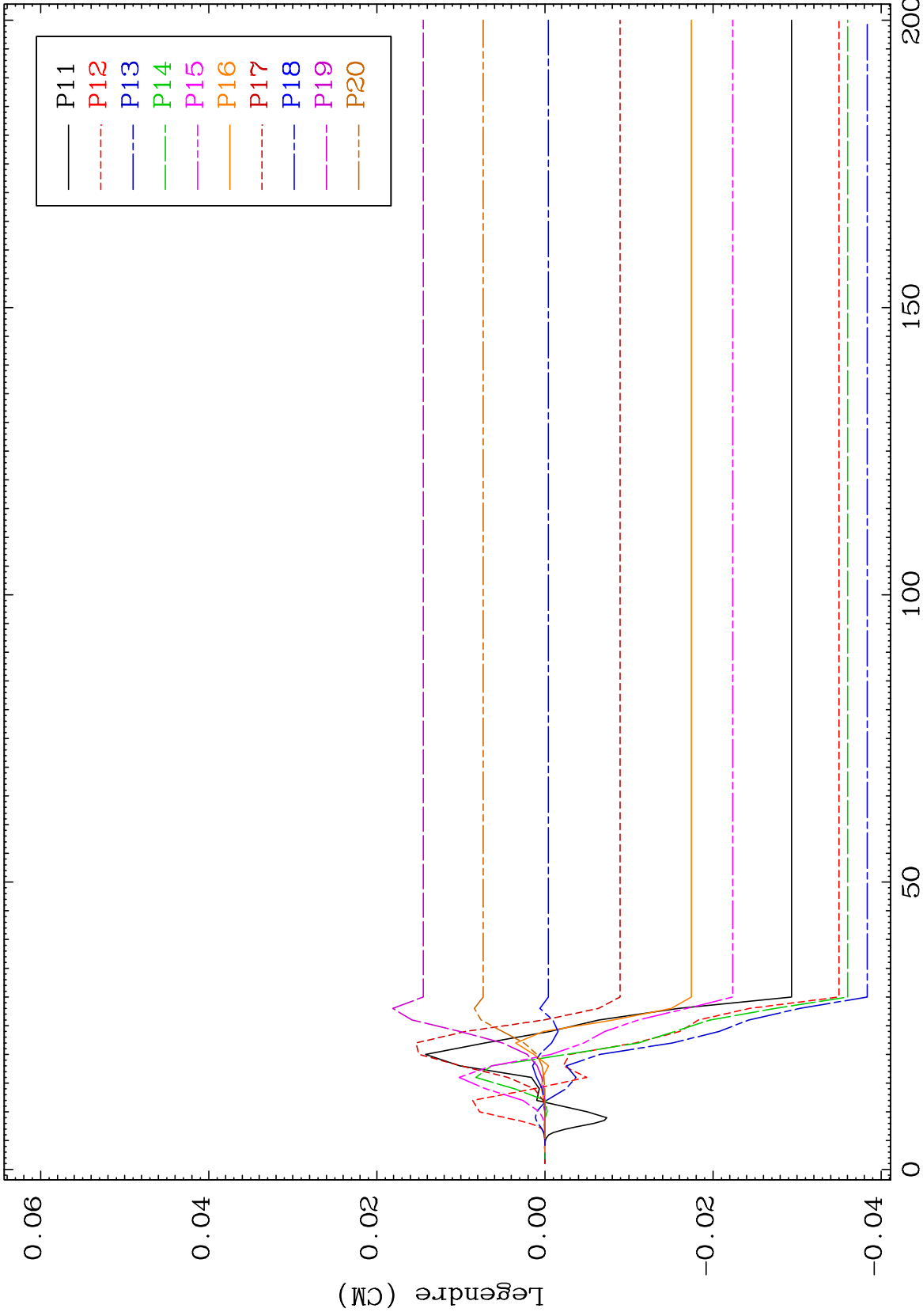
150

200

MAT 7449

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

74-W -188



21

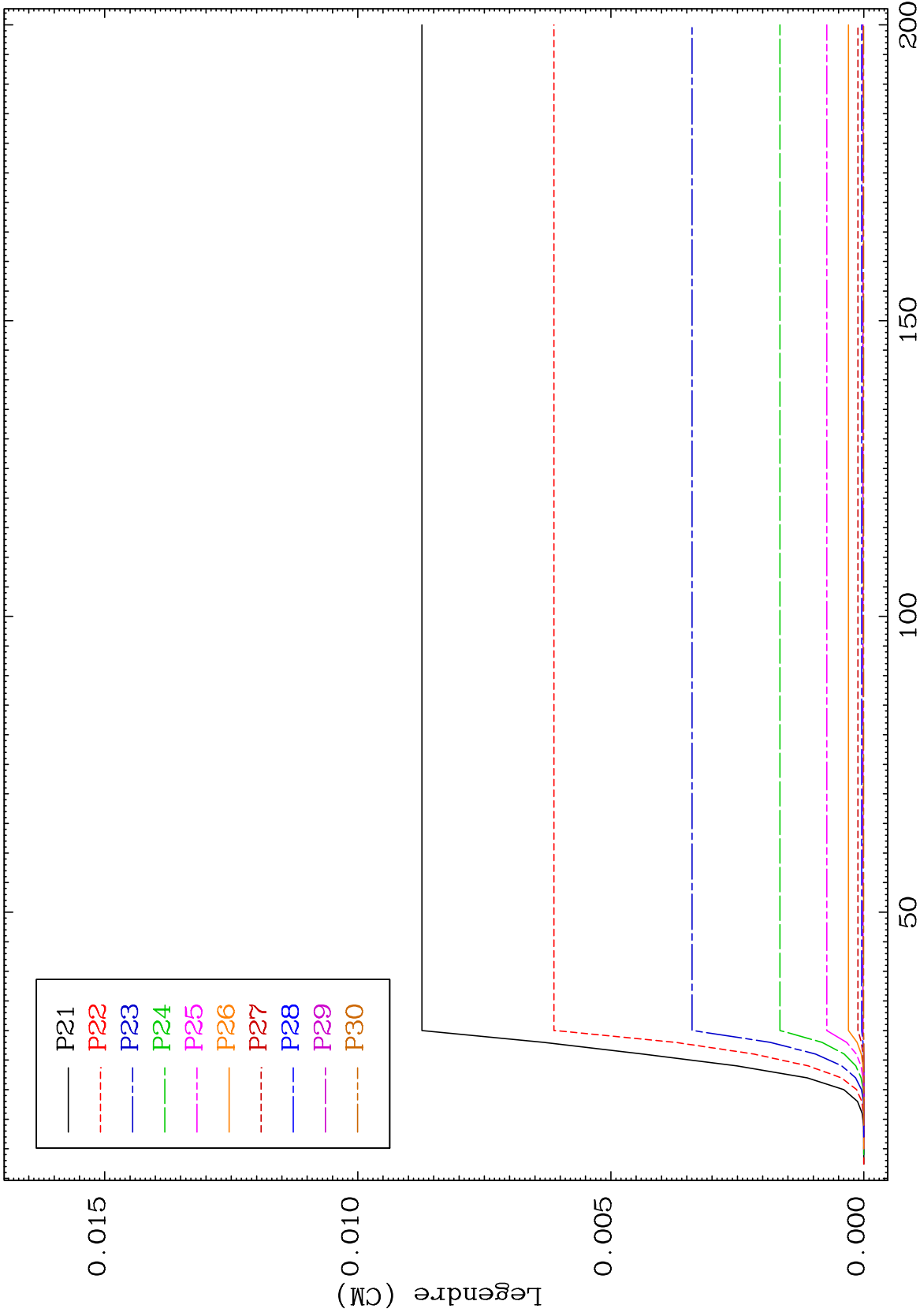
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



22

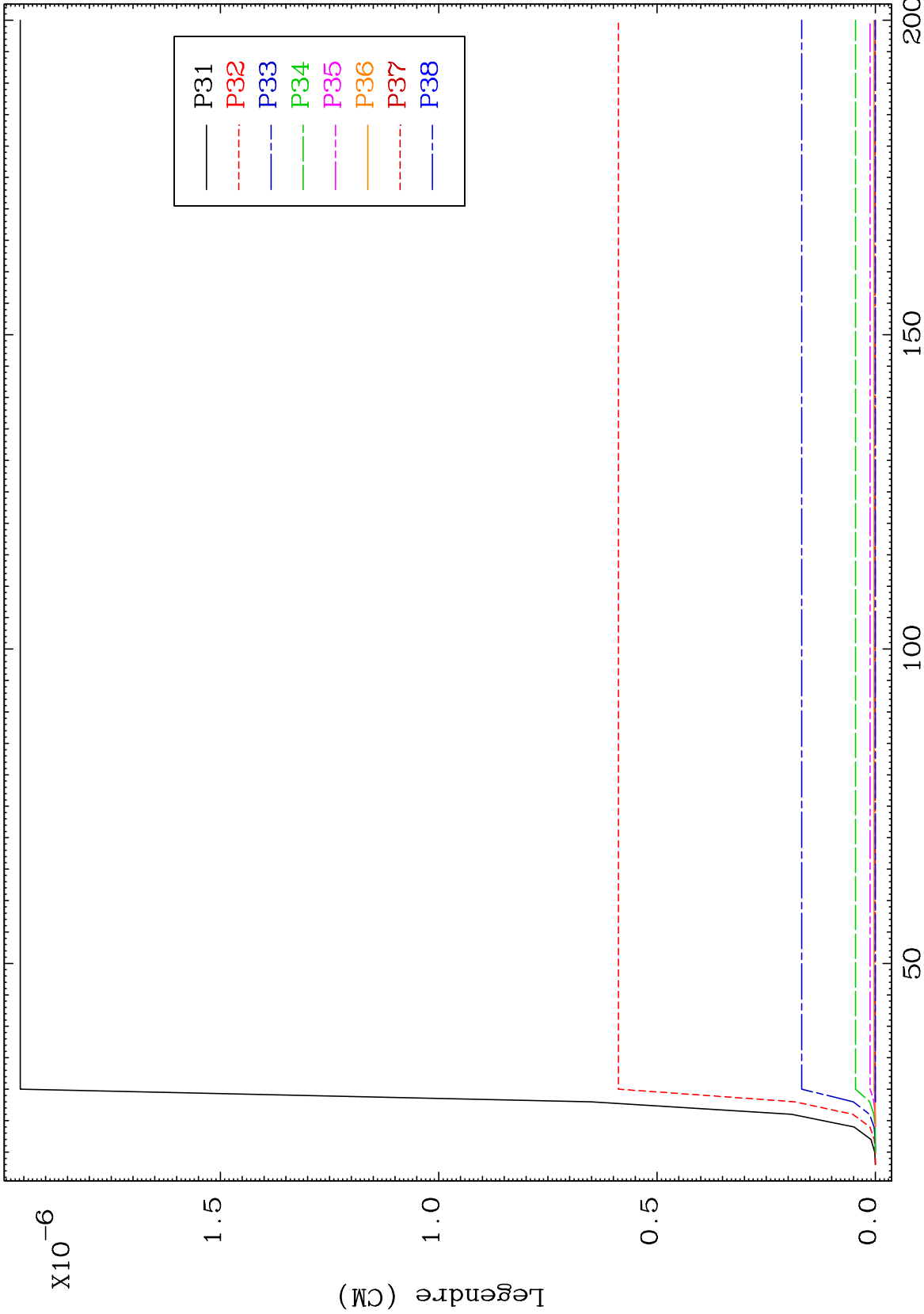
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



23

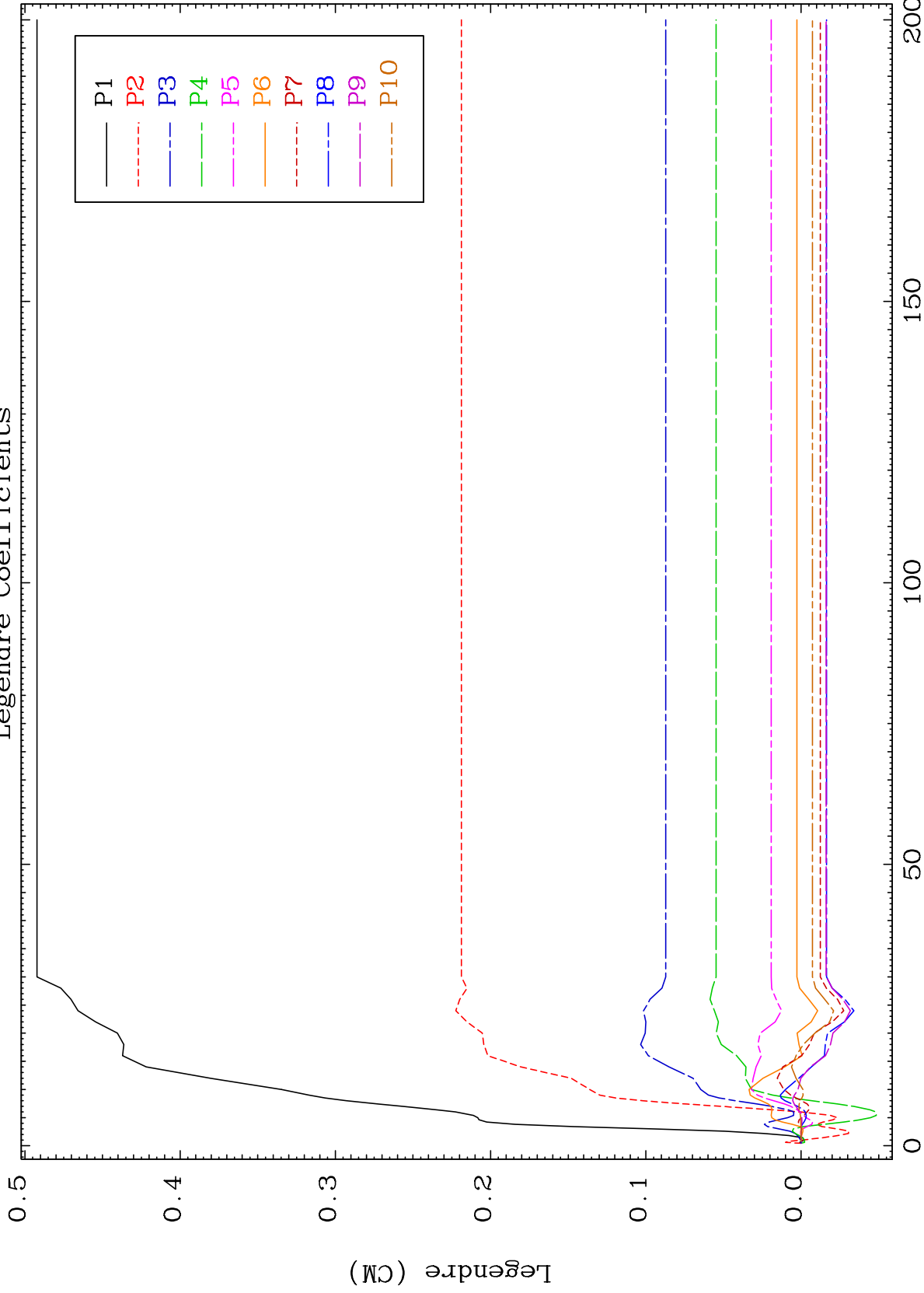
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



24

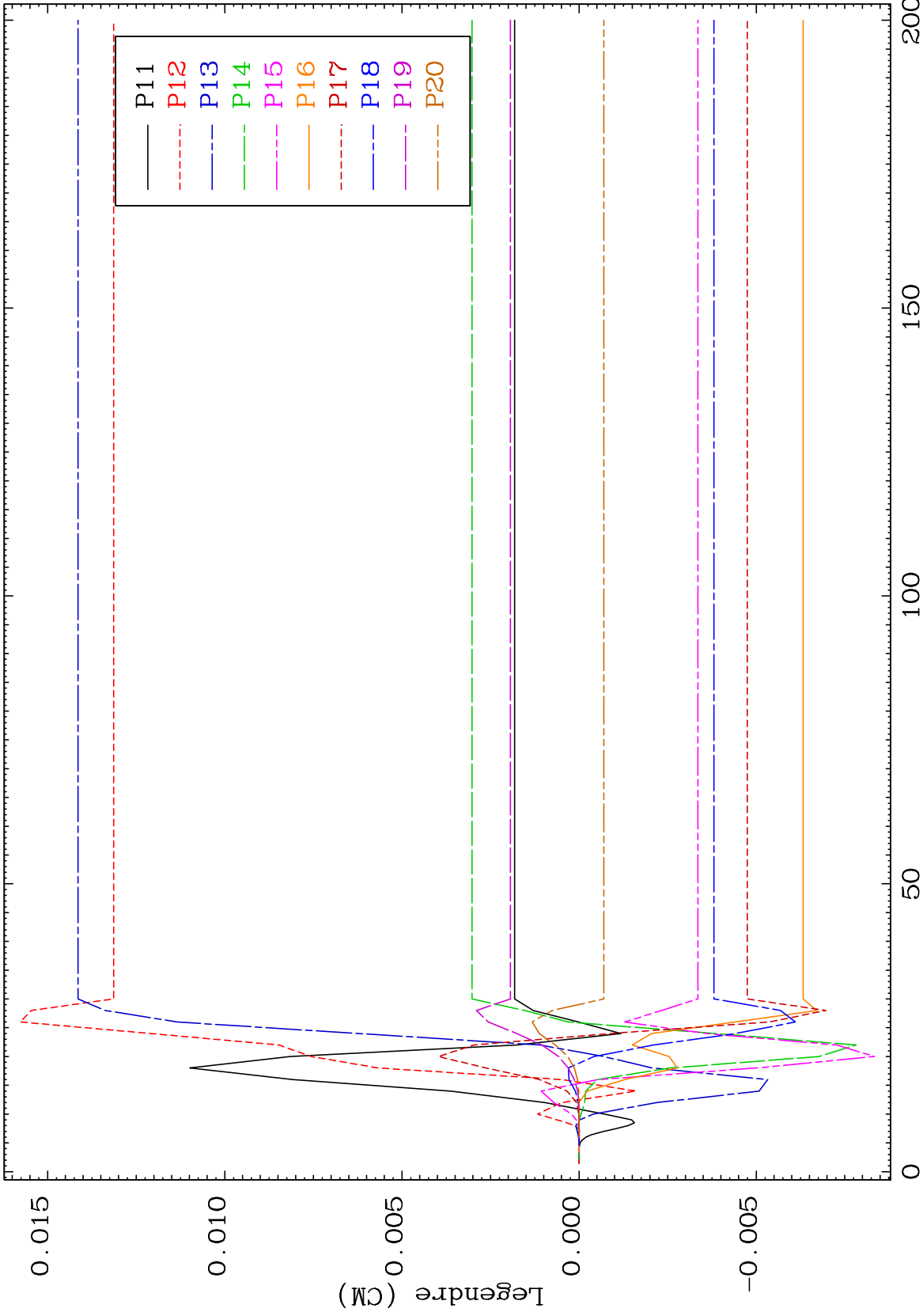
Incident Energy (MeV)

74-W -188

MAT 7449

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

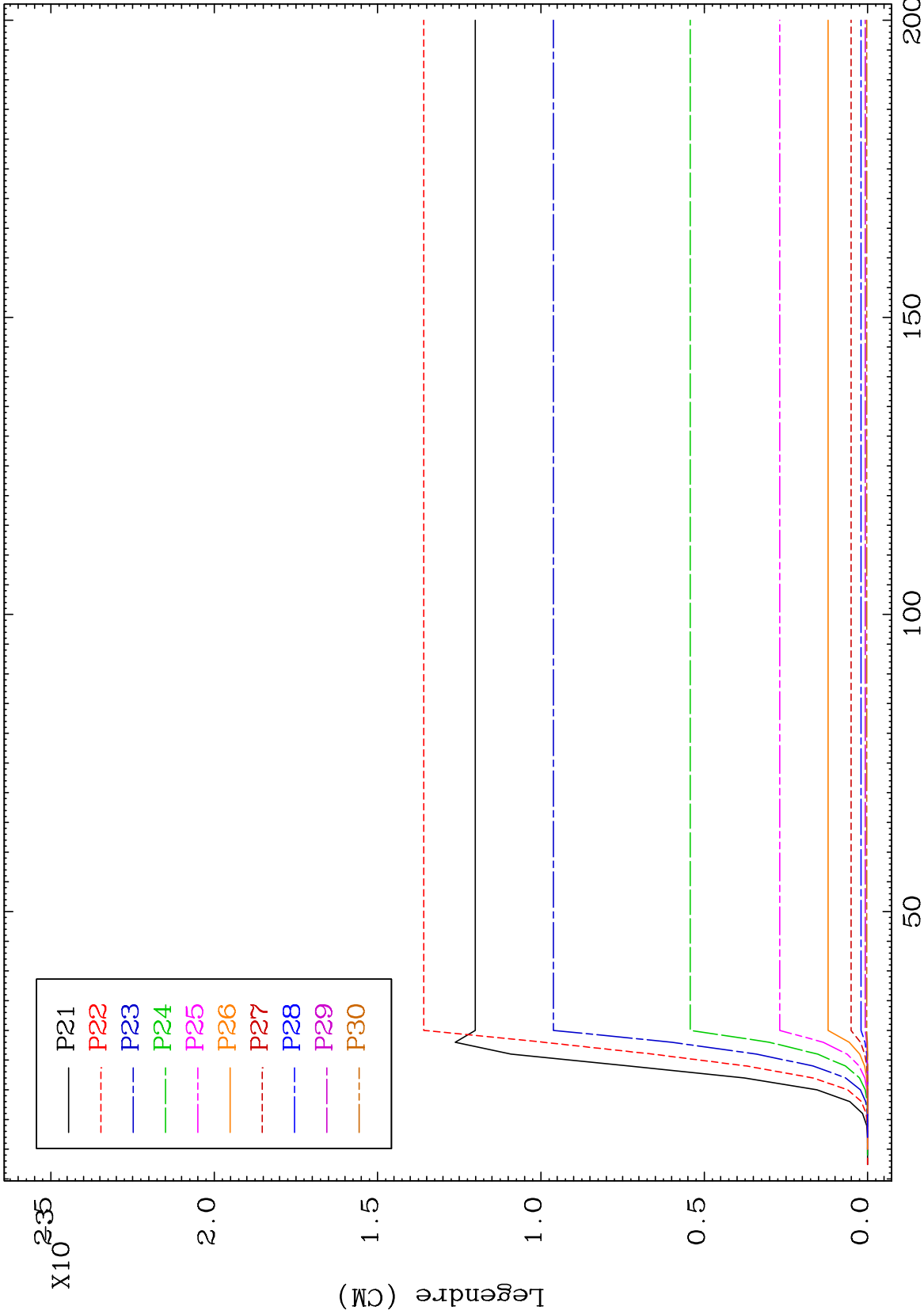
74-W -188



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Incident Energy (MeV)

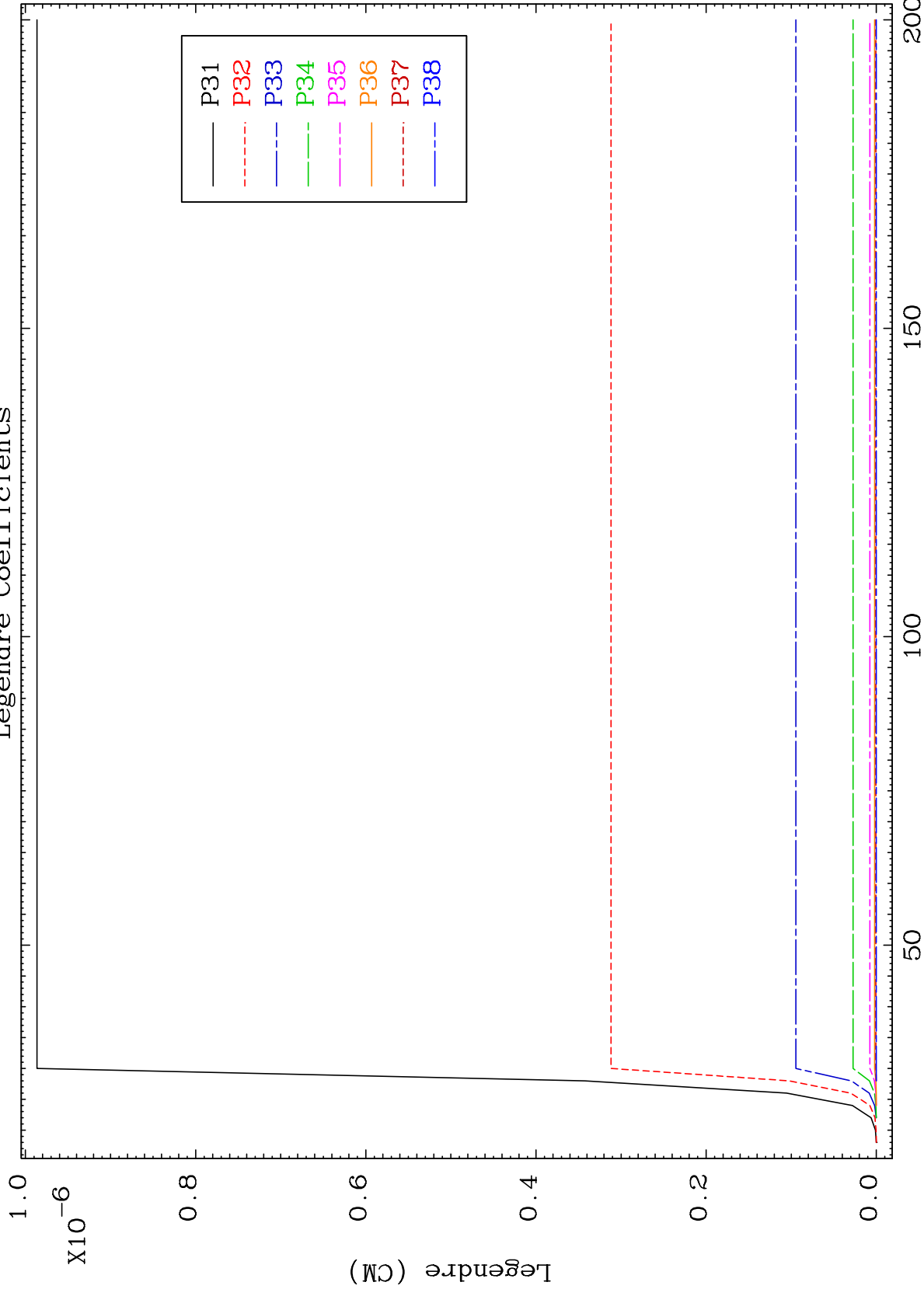
74-W -188



MAT 7449

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

74-W -188



27

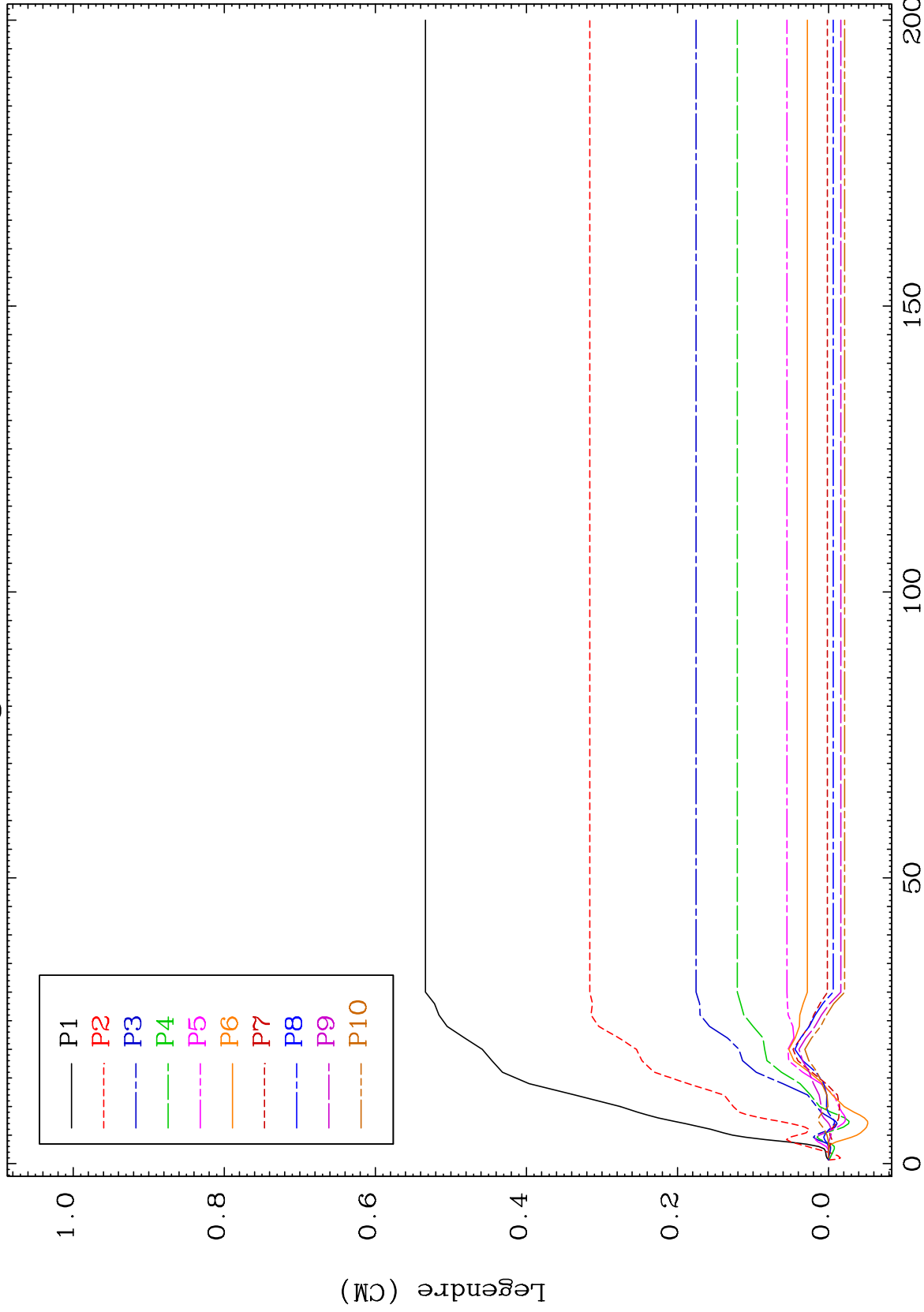
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



28

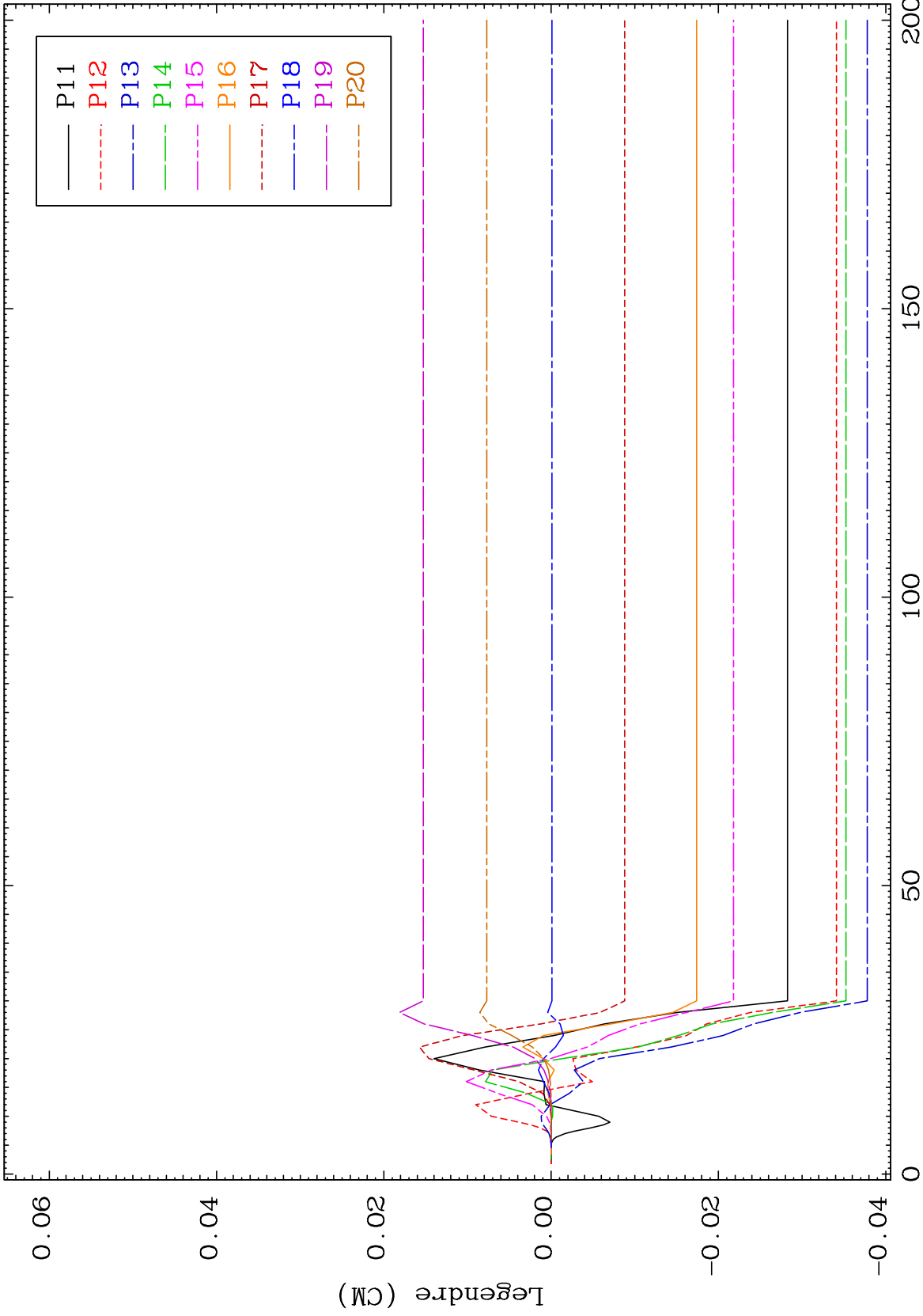
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



29

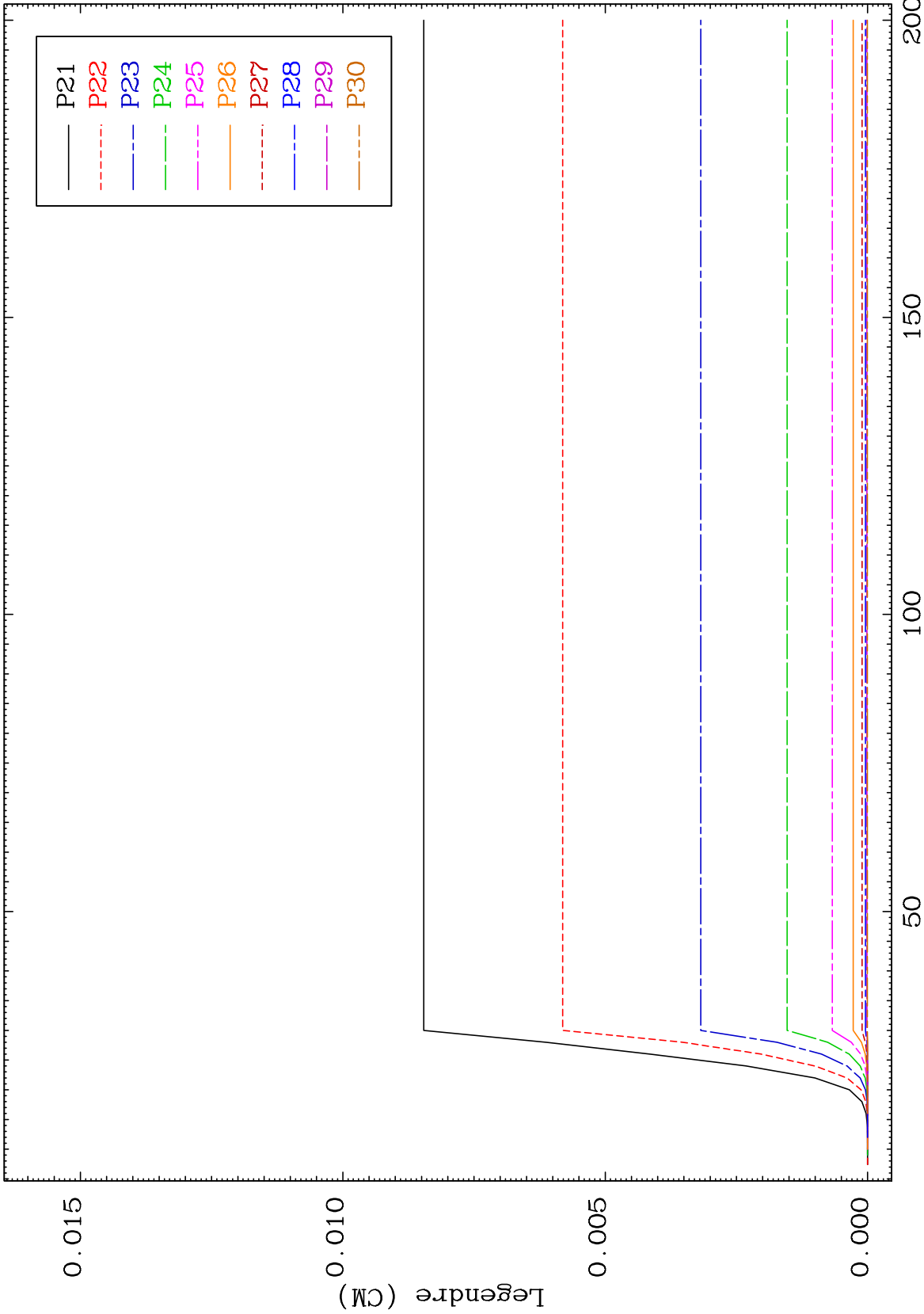
Incident Energy (MeV)

74-W -188

MAT 7449

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

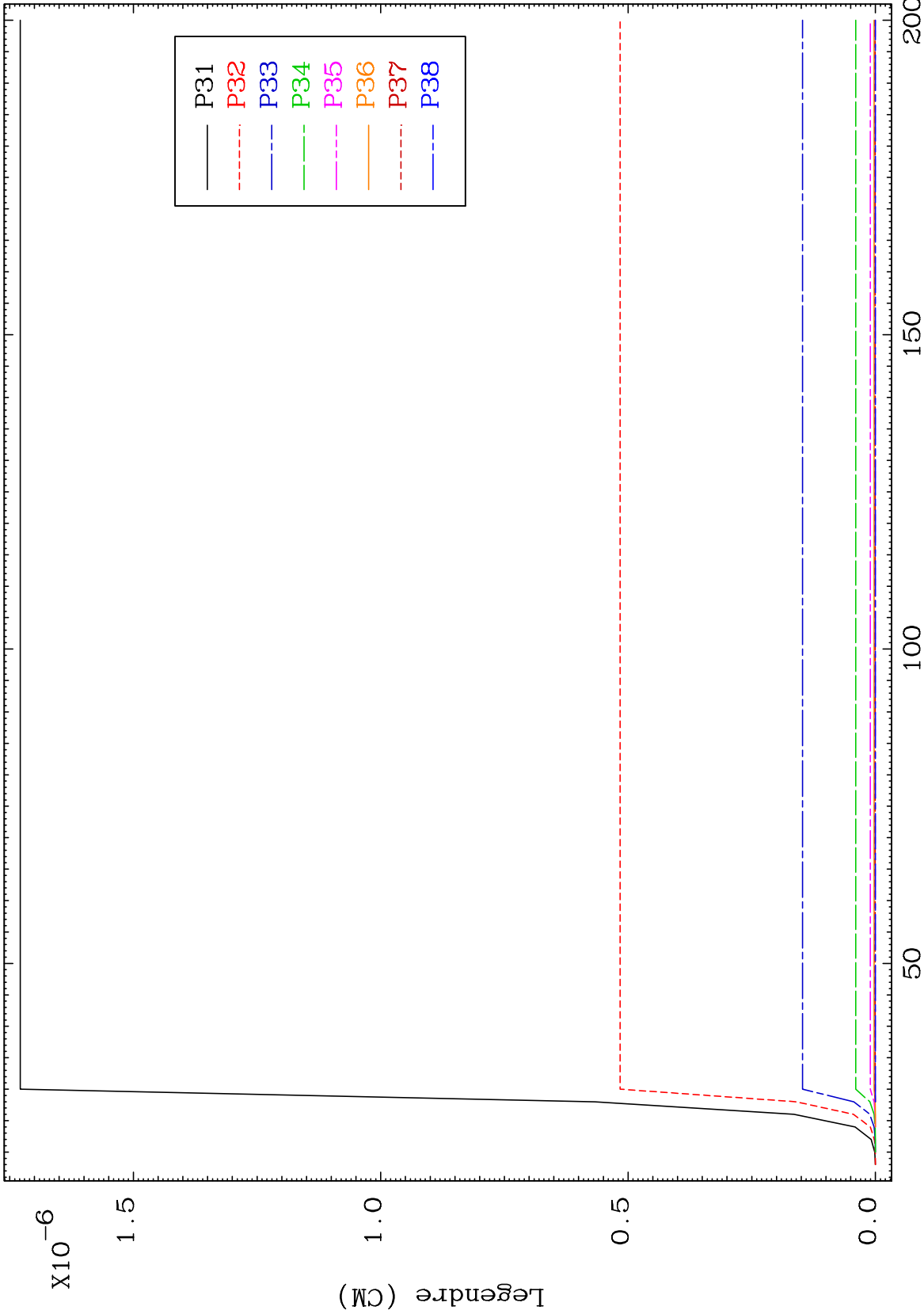
74-W -188



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Incident Energy (MeV)

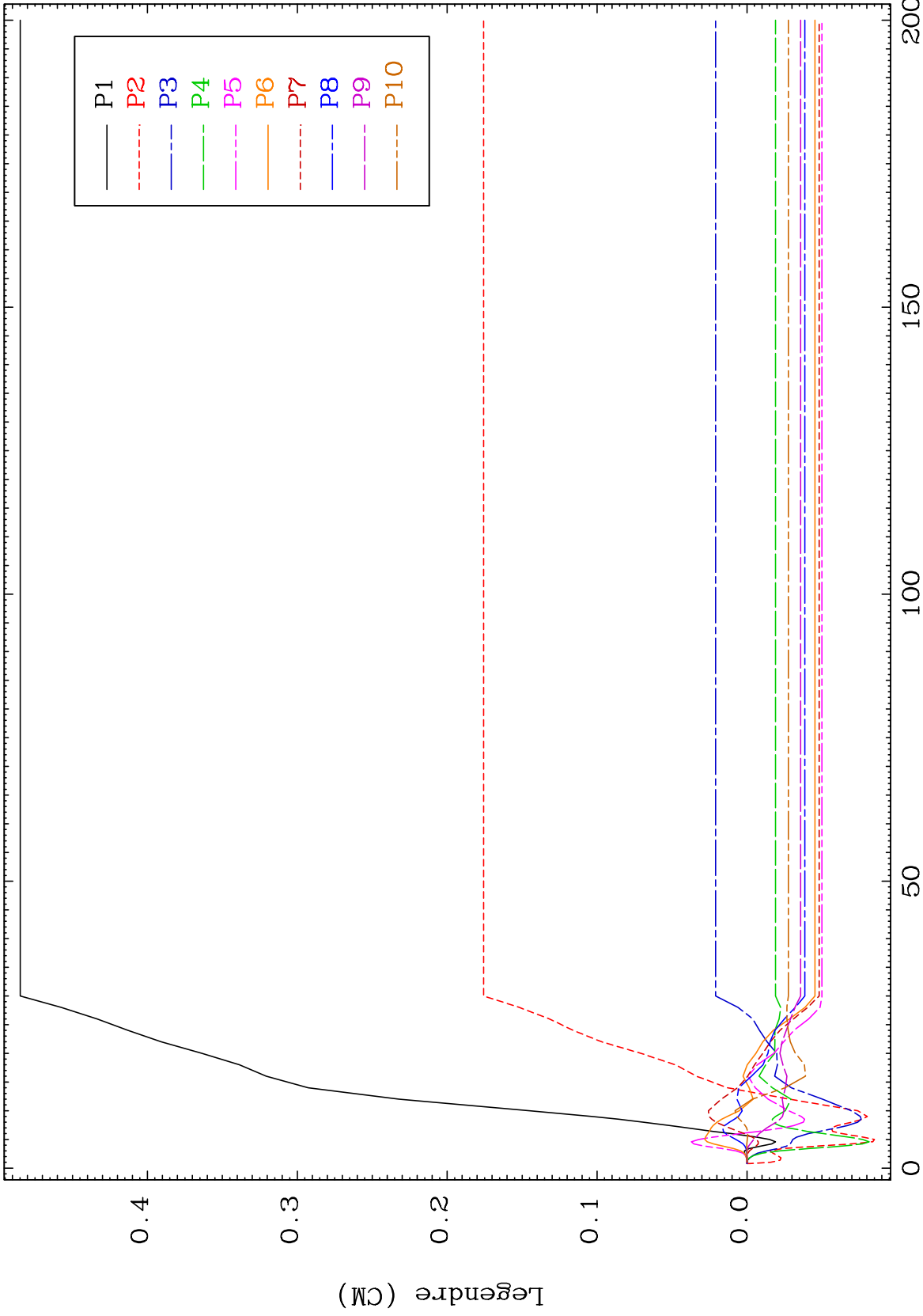
74-W -188



MAT 7449

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

74-W -188



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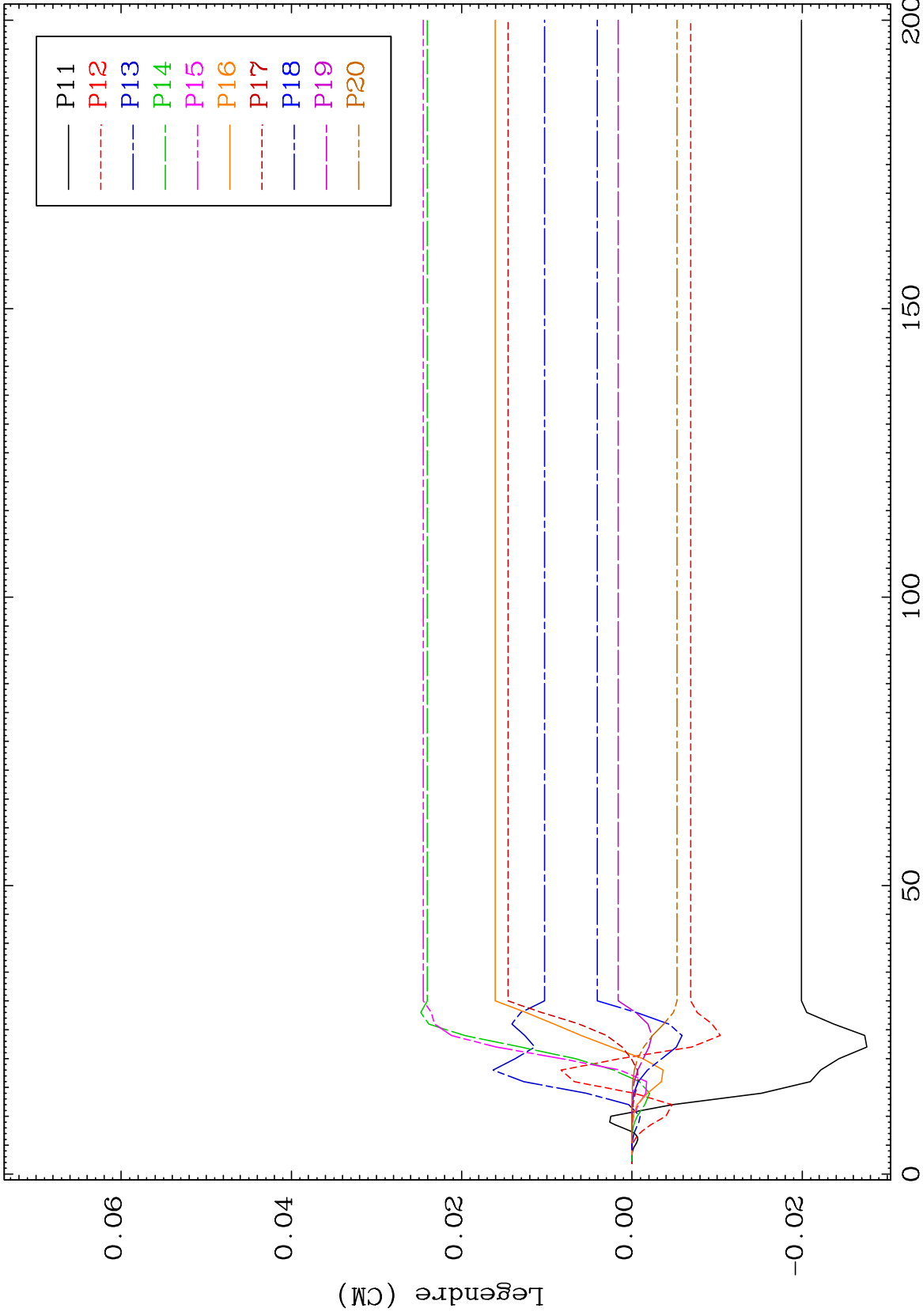
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



33

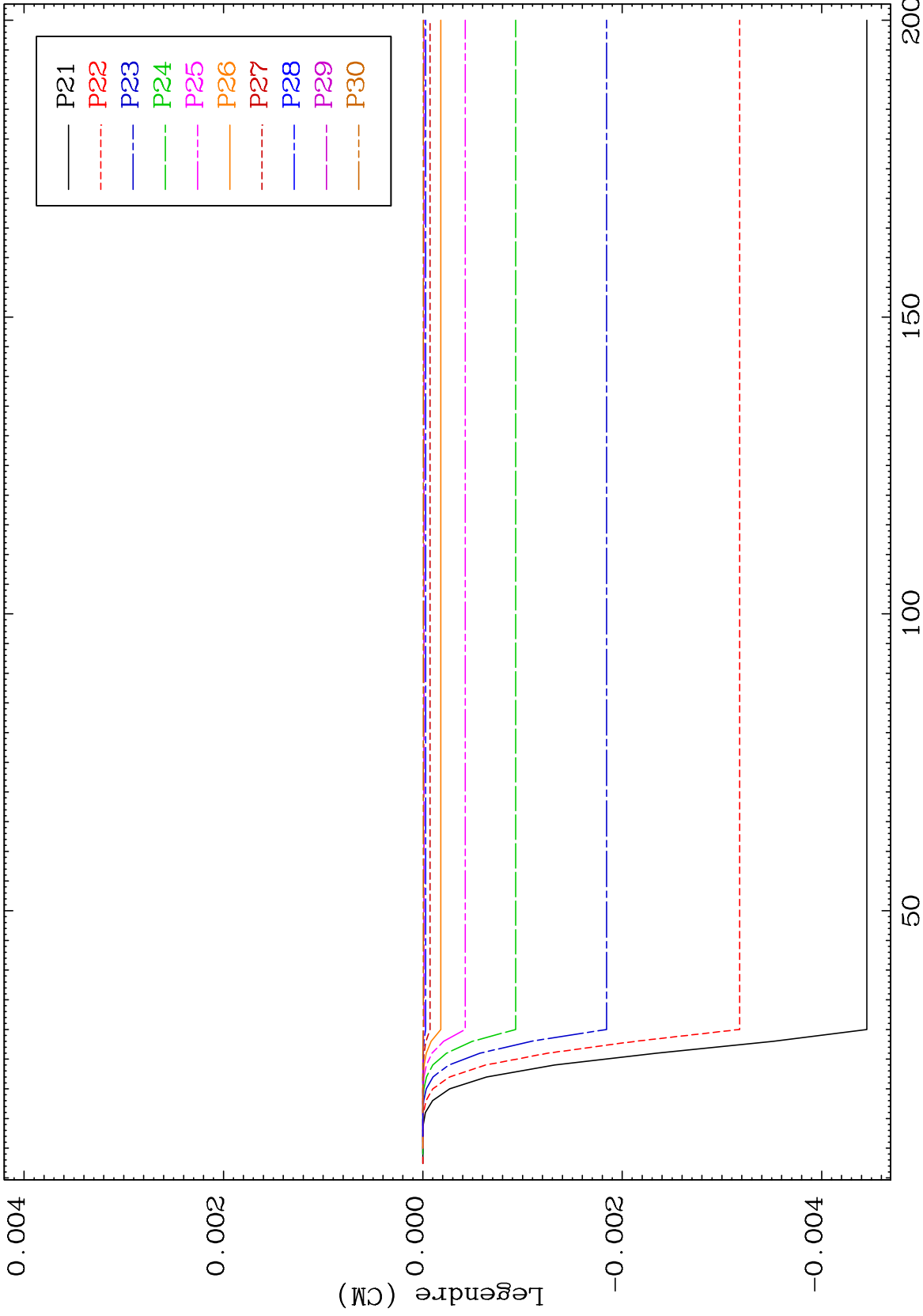
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



34

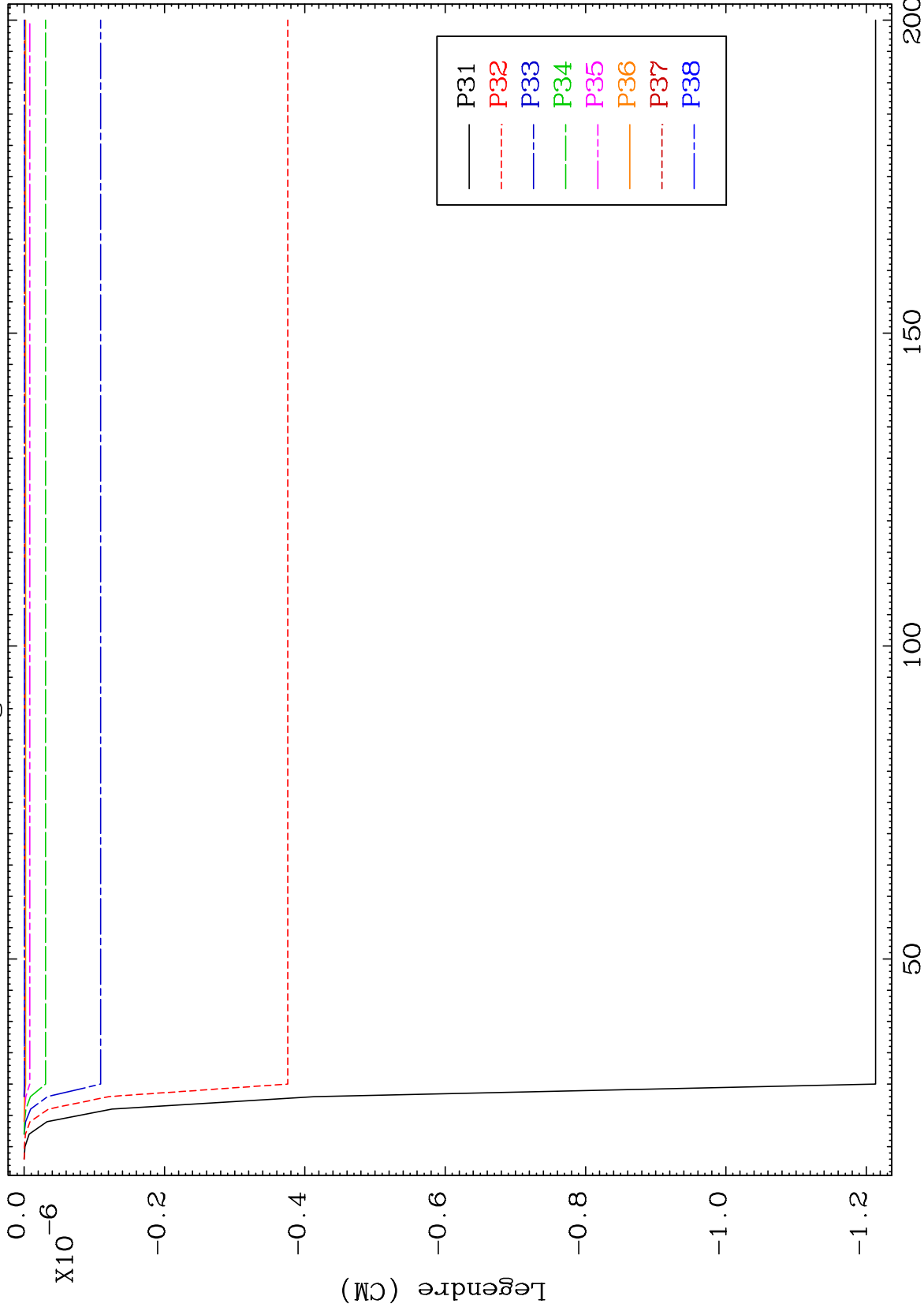
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



35

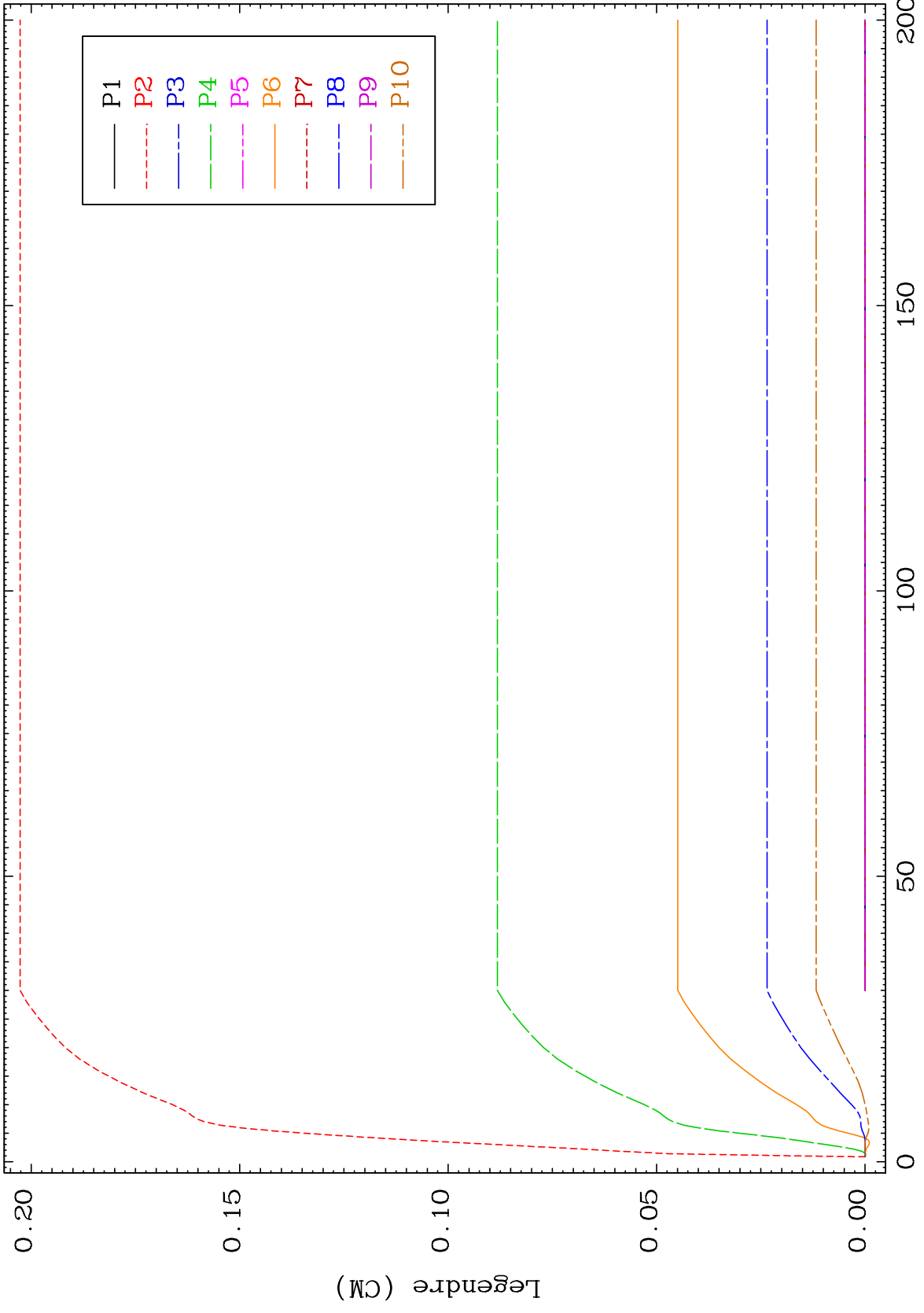
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



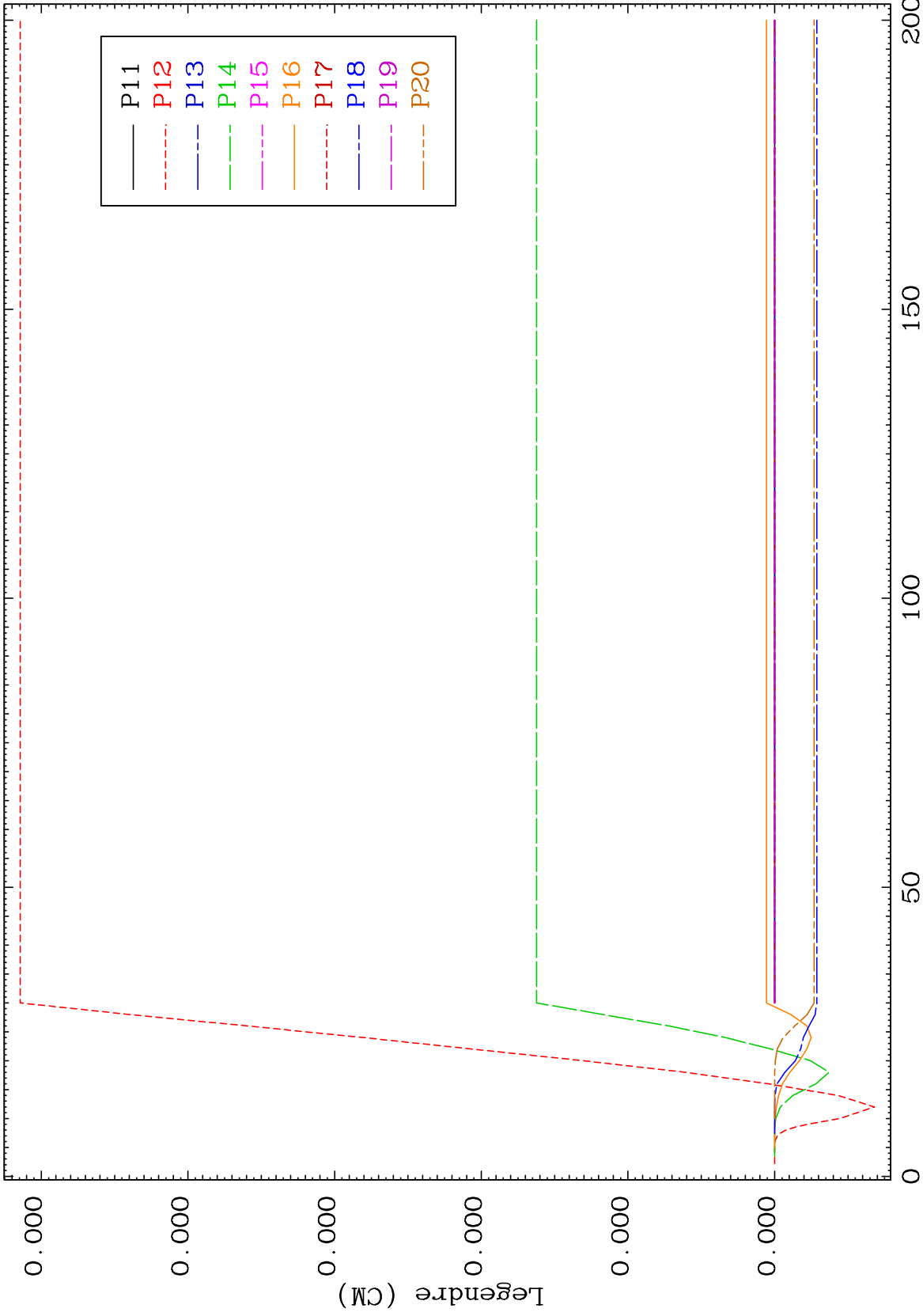
36

74-W -188

MAT 7449

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

74-W -188



37

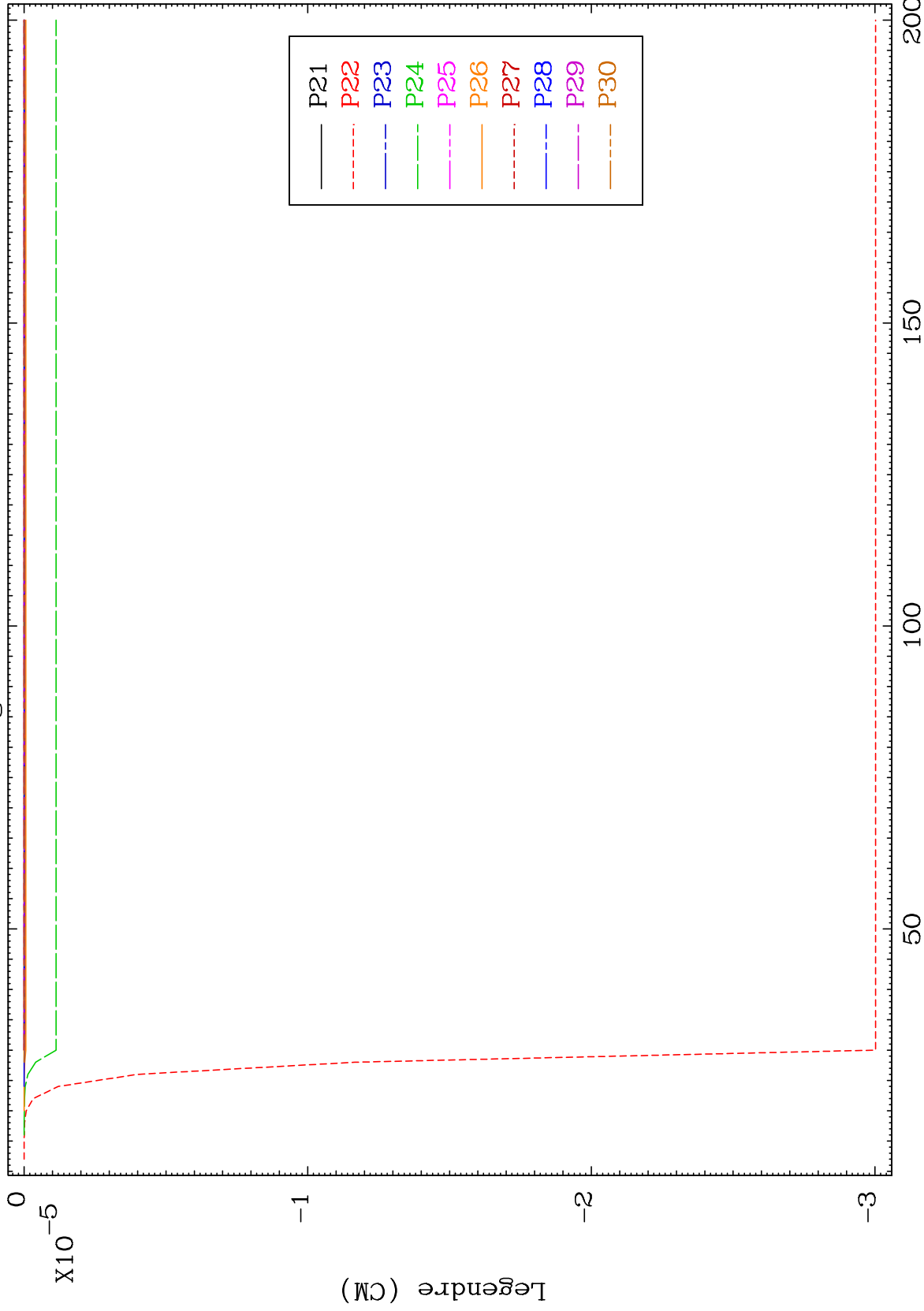
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



38

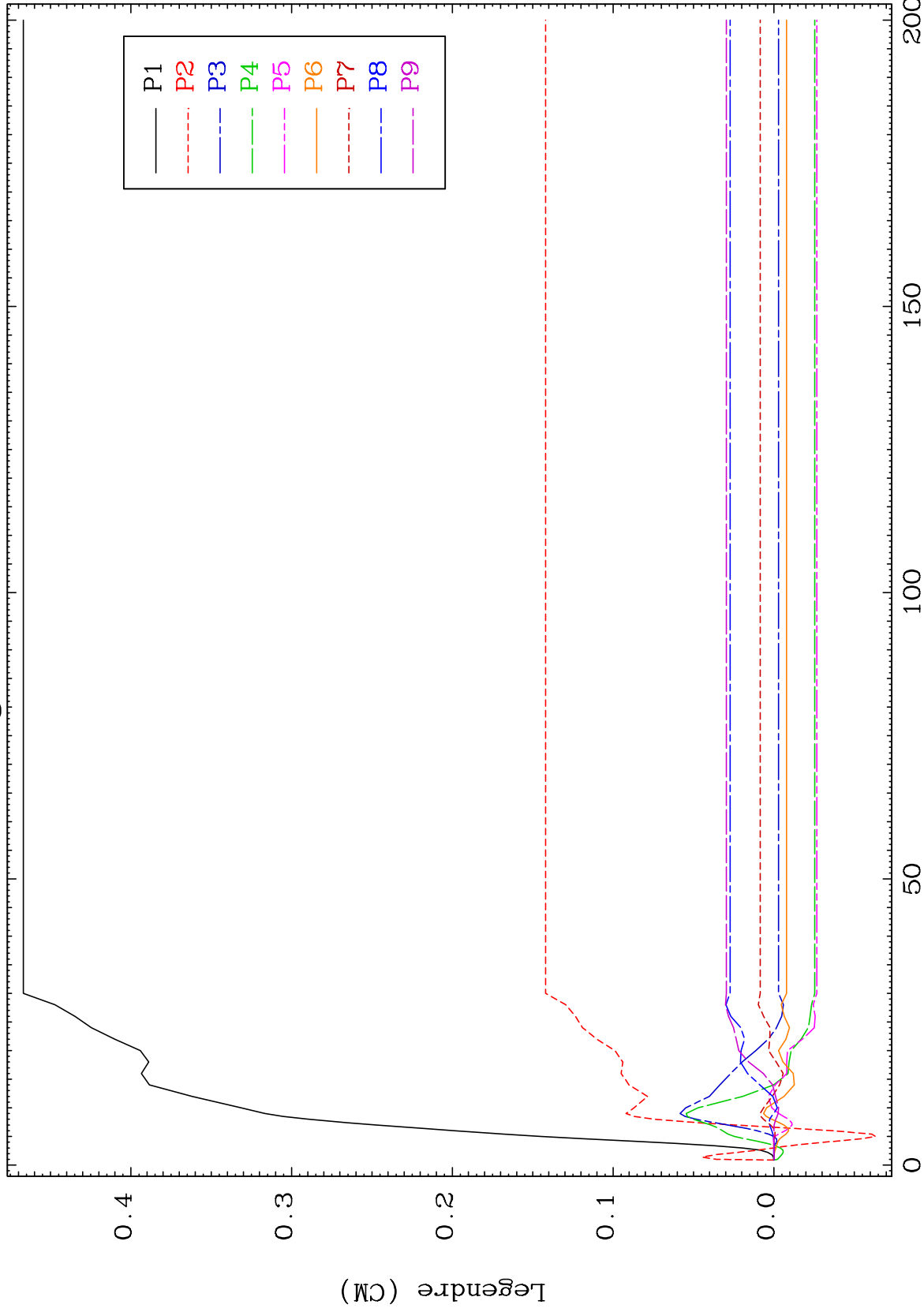
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



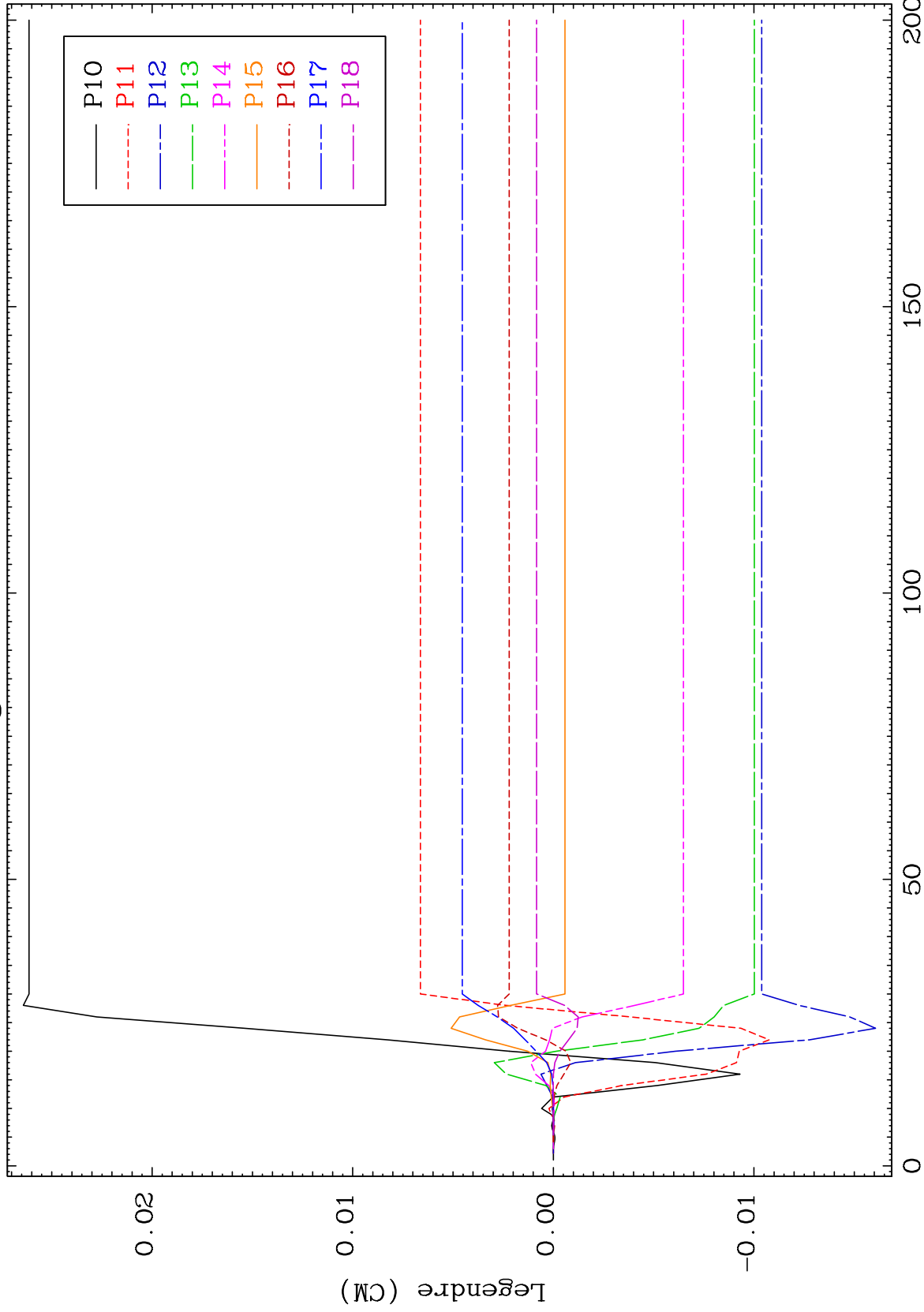
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74-W -188

MAT 7449

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

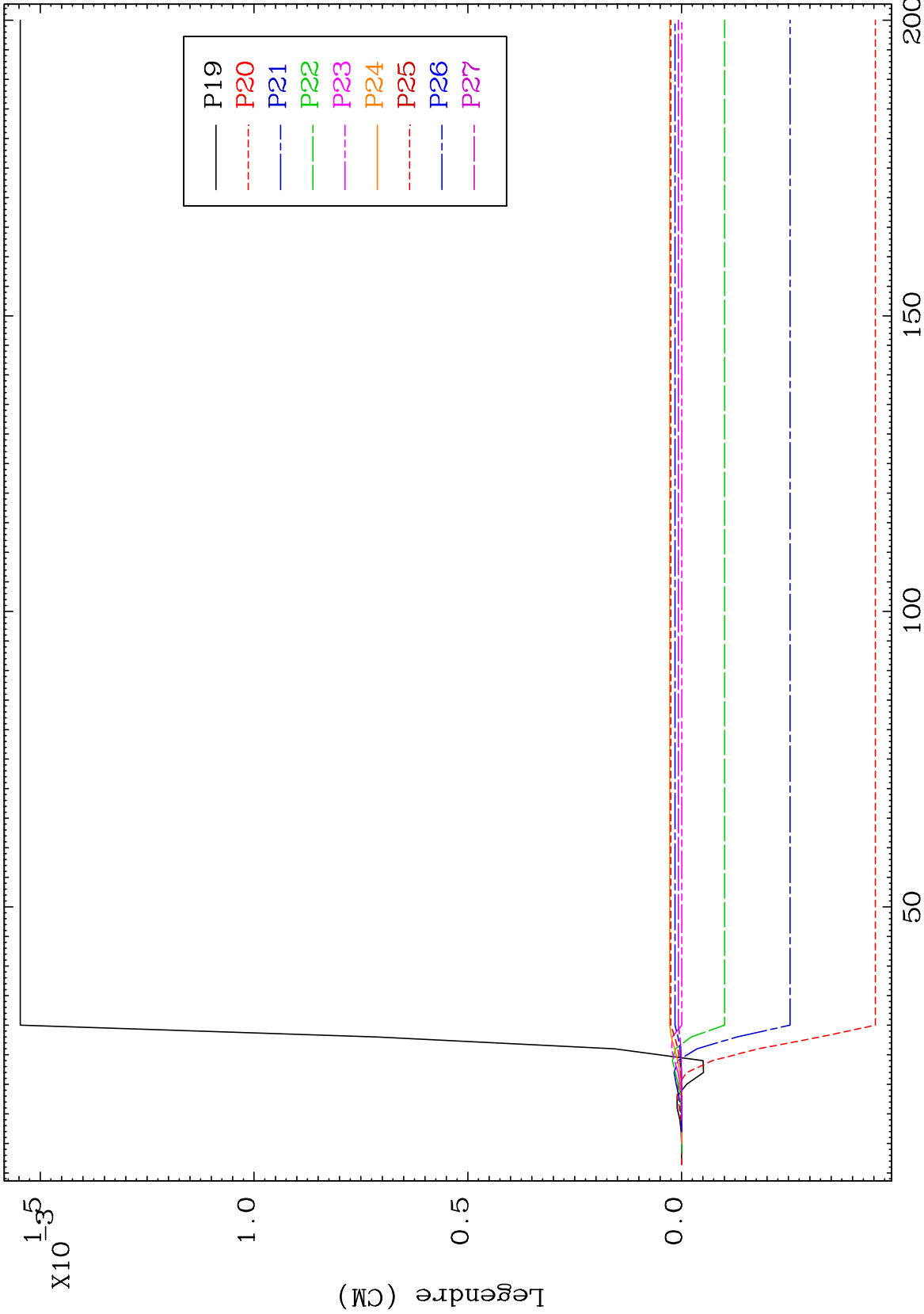
74-W -188



40

Incident Energy (MeV)

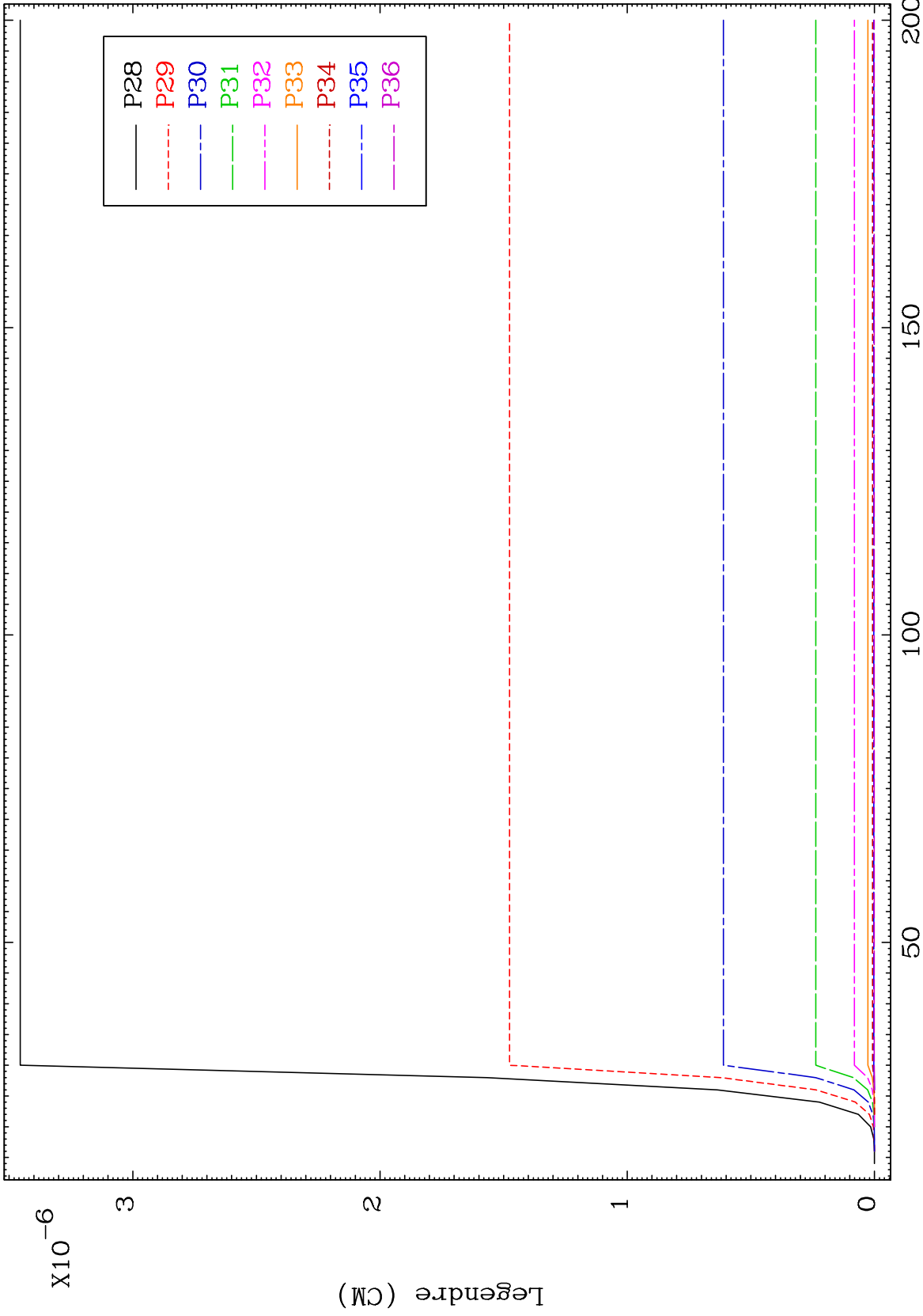
74-W -188



MAT 7449

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

74-W -188



42

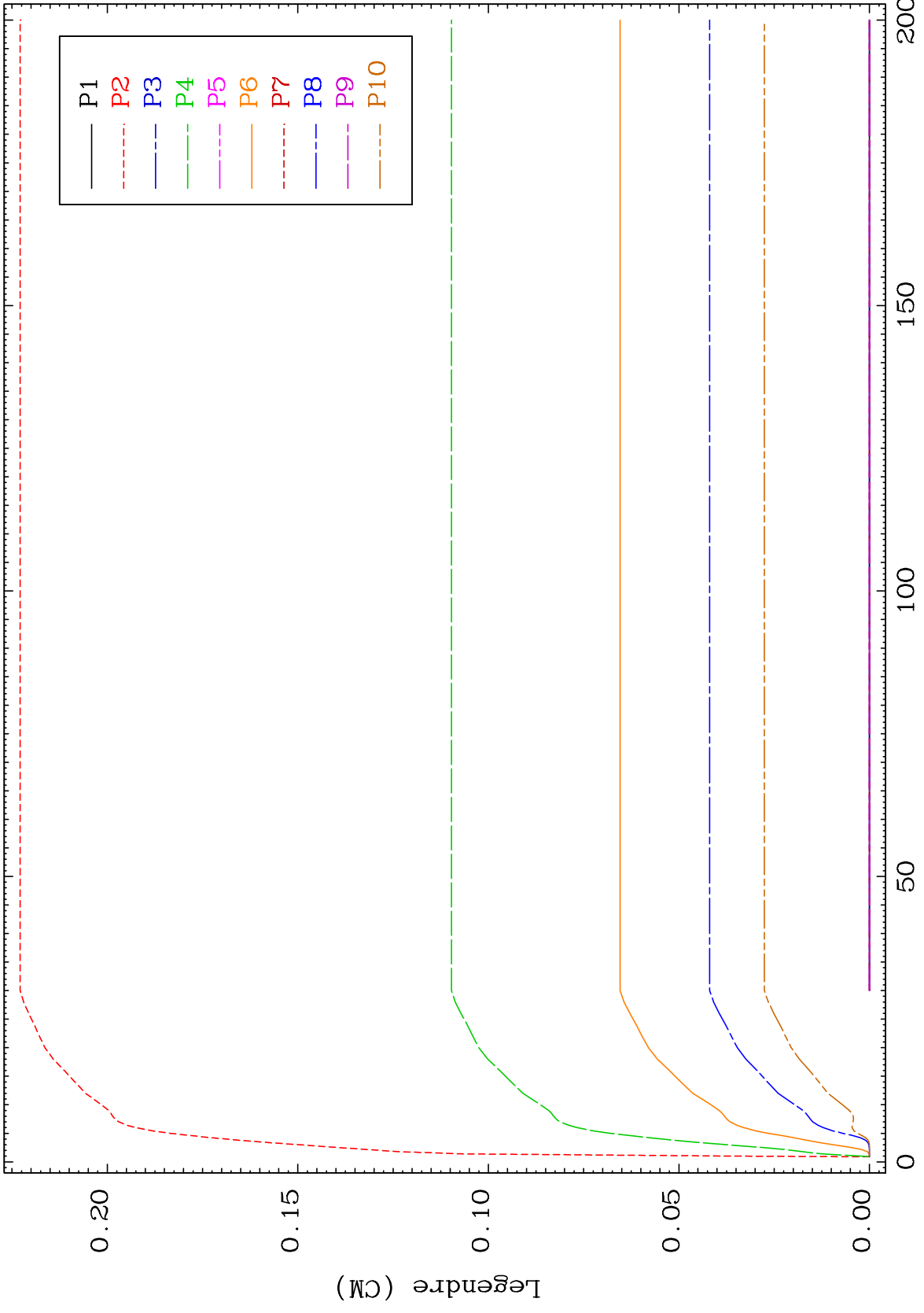
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



43

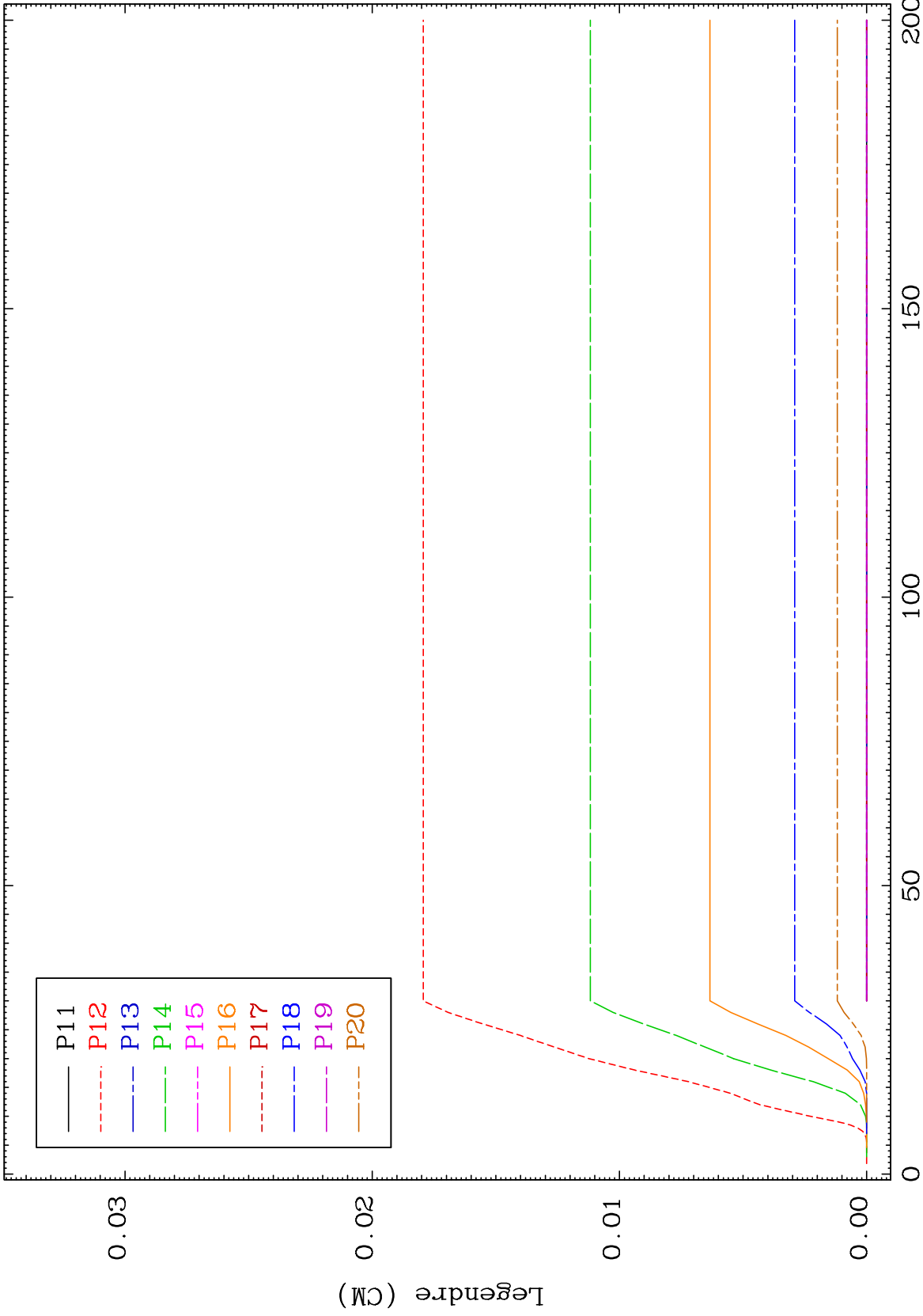
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



44

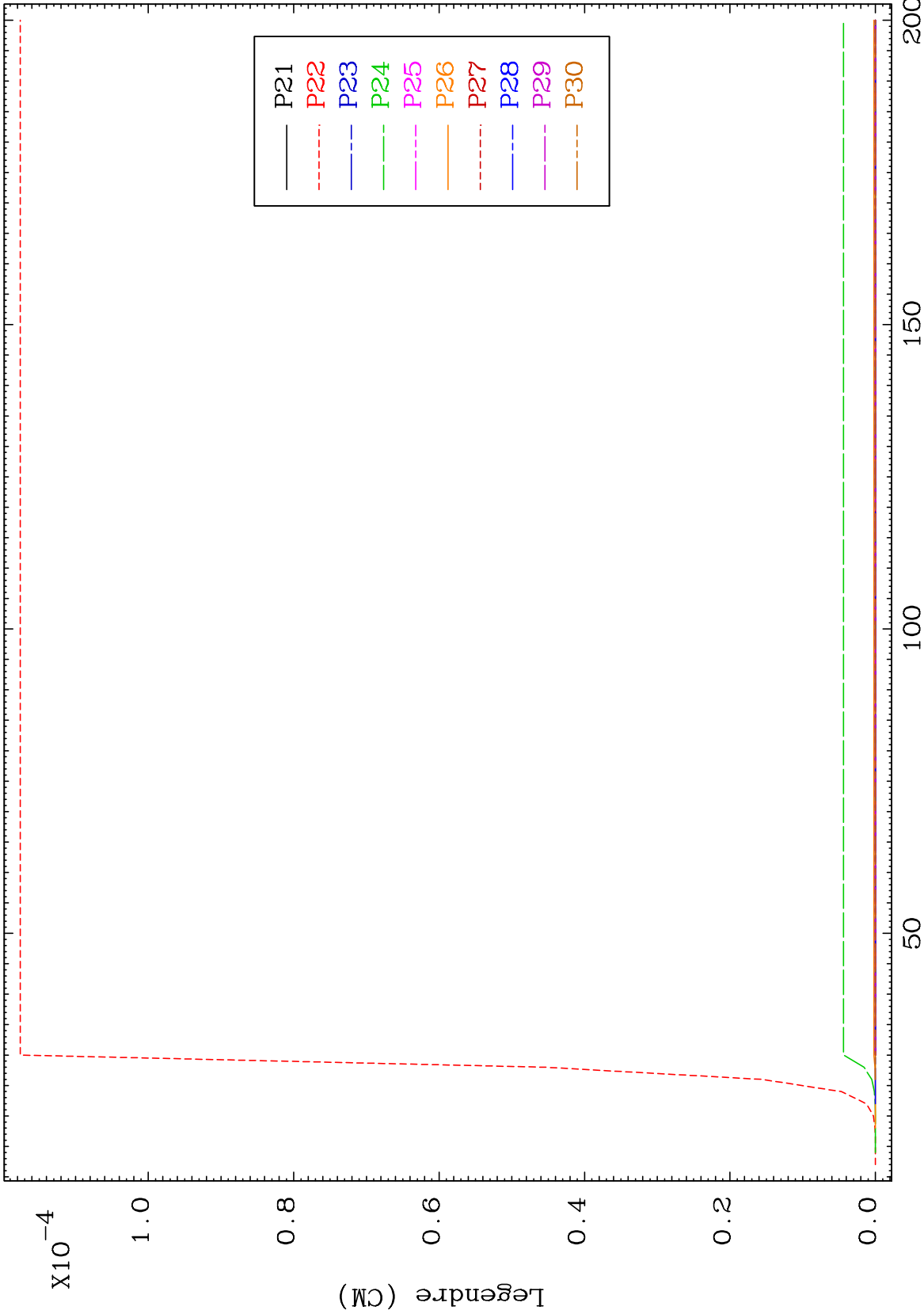
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



45

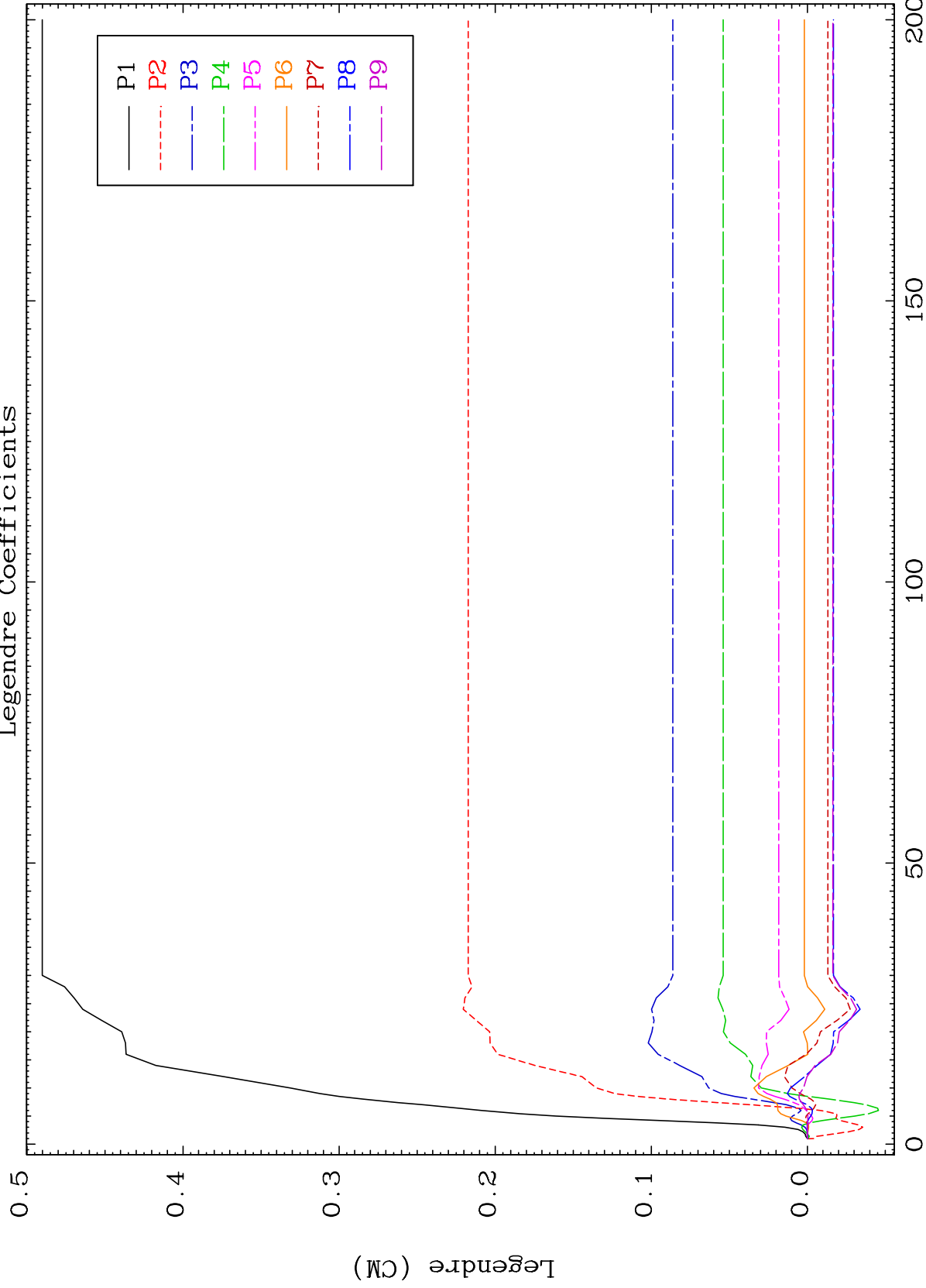
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



46

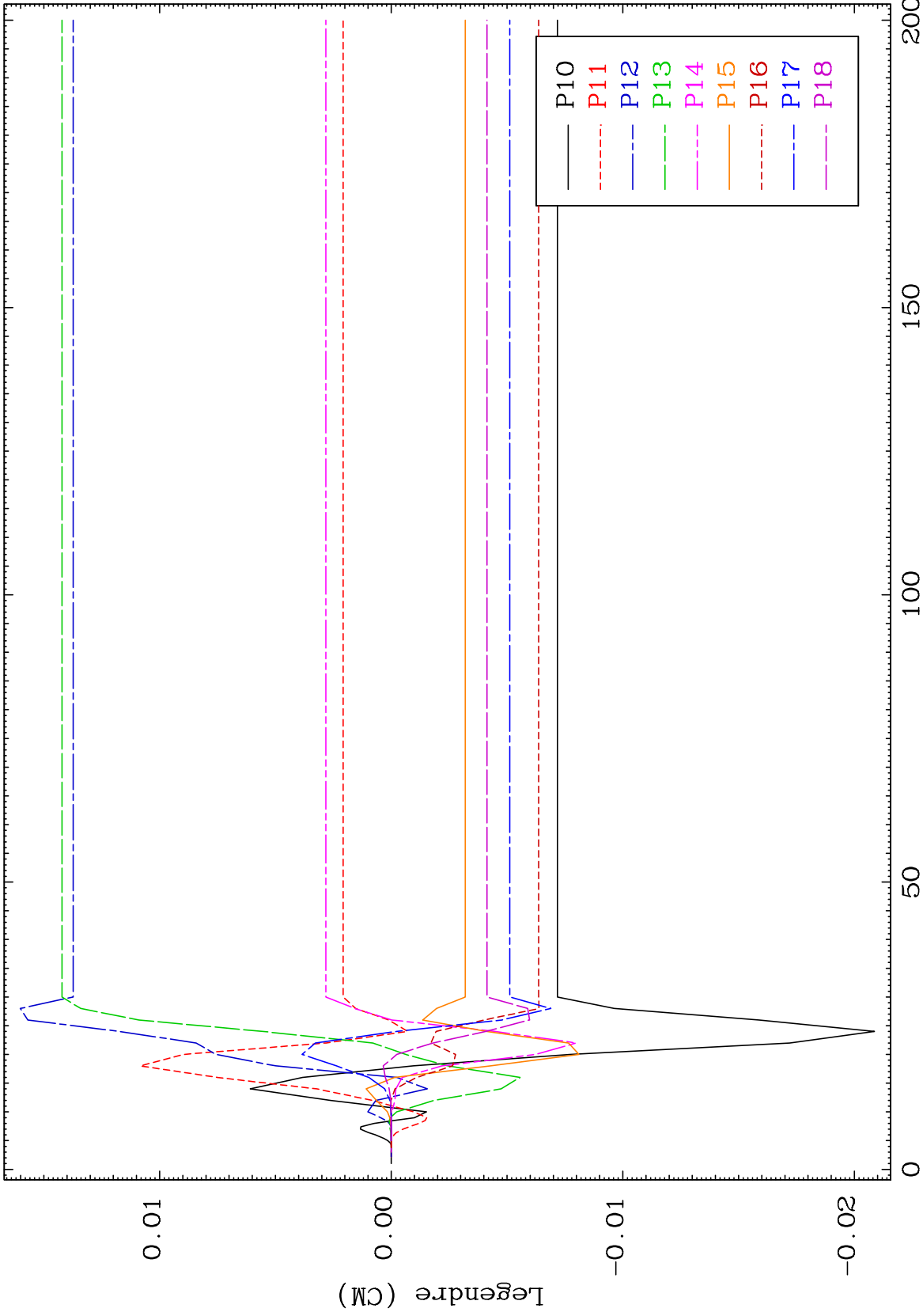
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



47

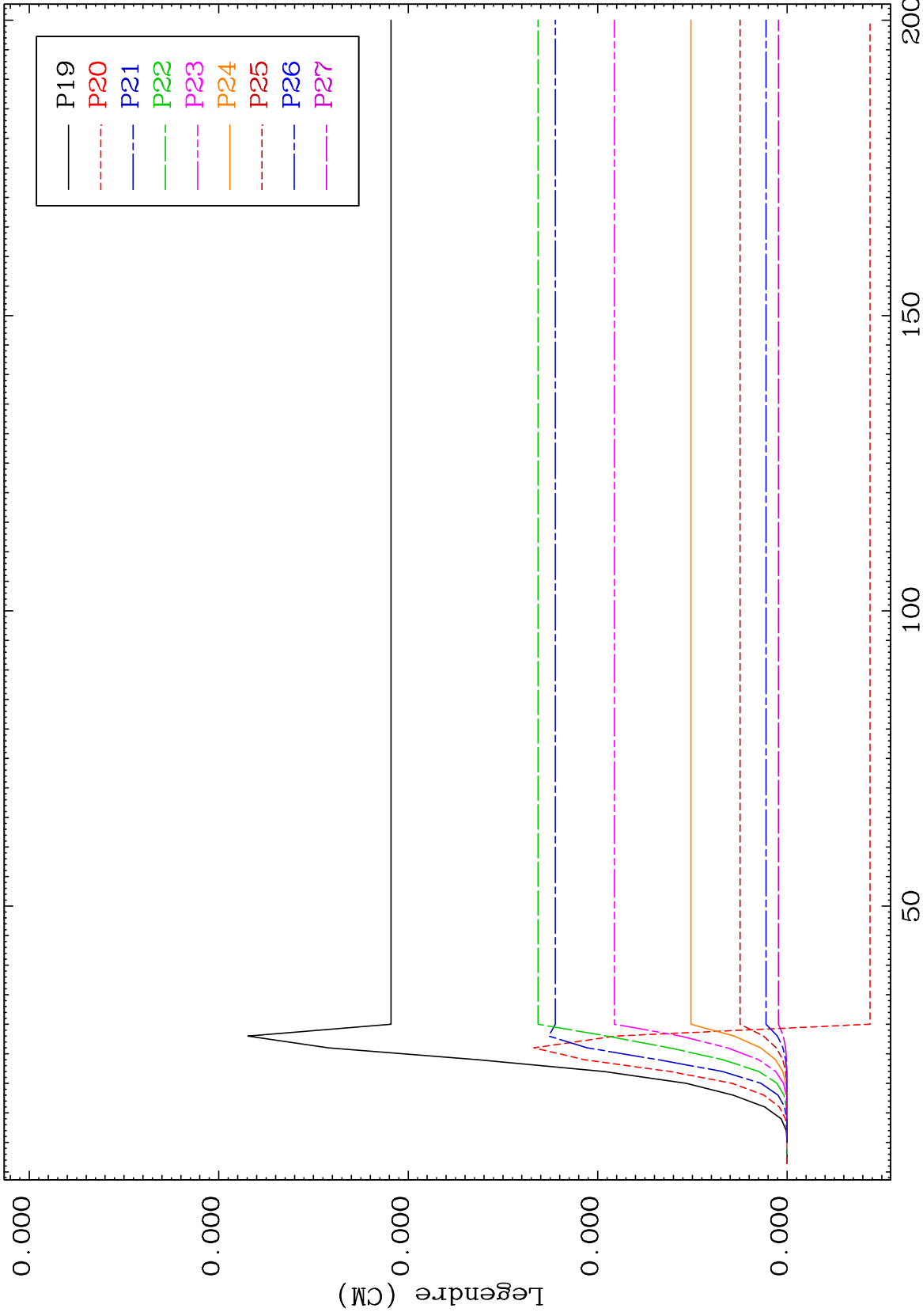
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



48

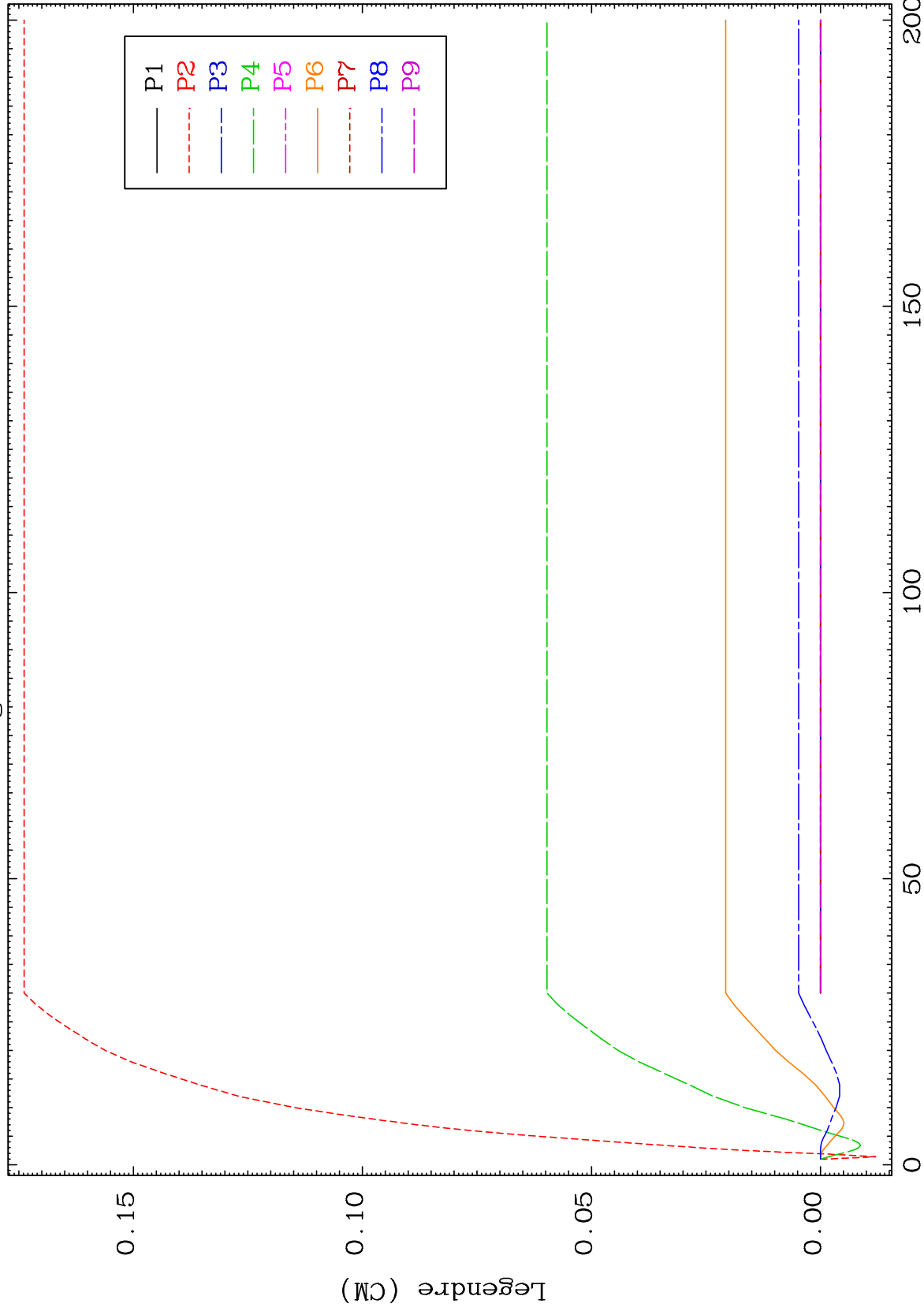
Incident Energy (MeV)

74-W -188

MAT 7449

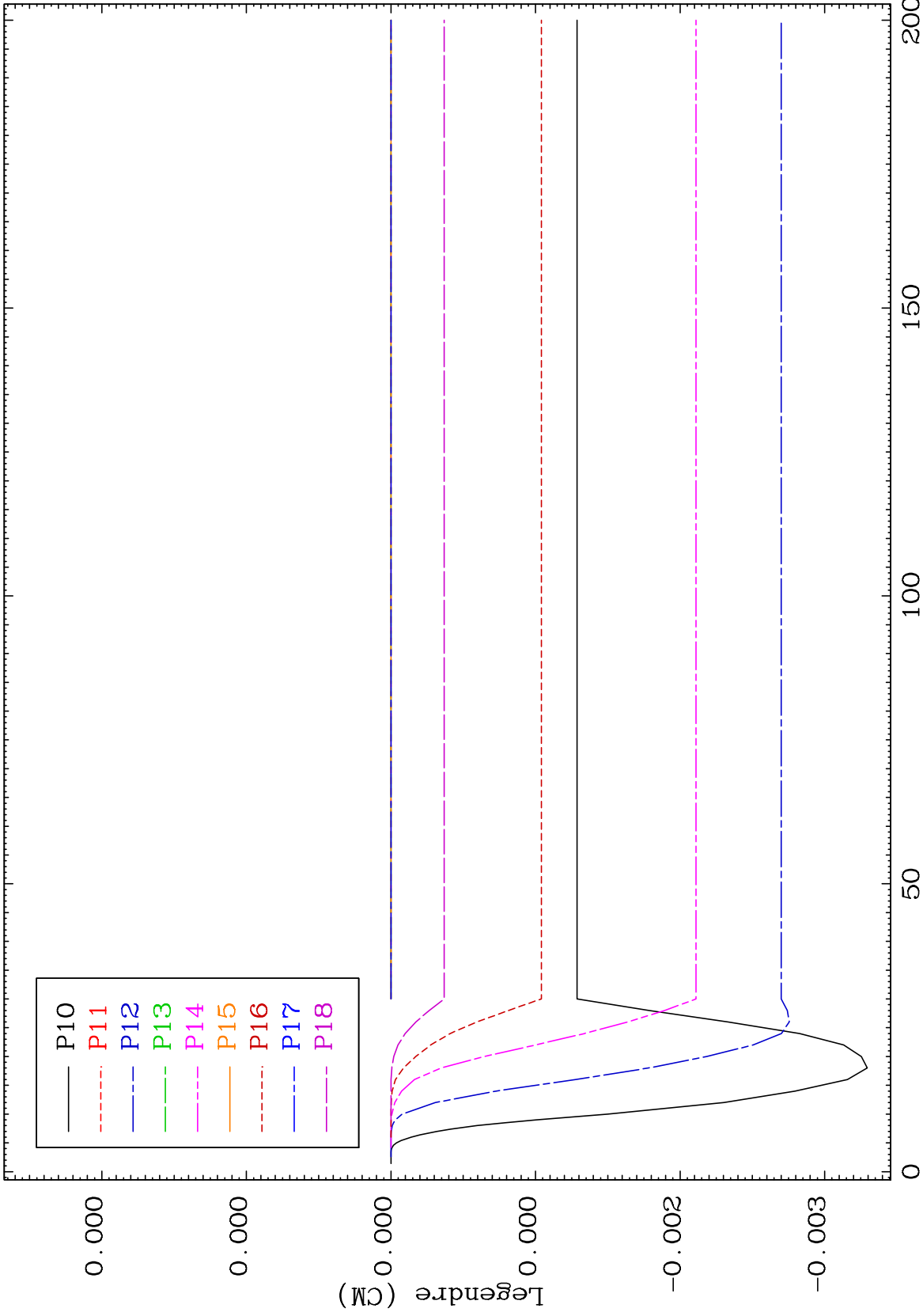
MT= 59 (n,n') Level
Legendre Coefficients

74-W -188



74-W -188

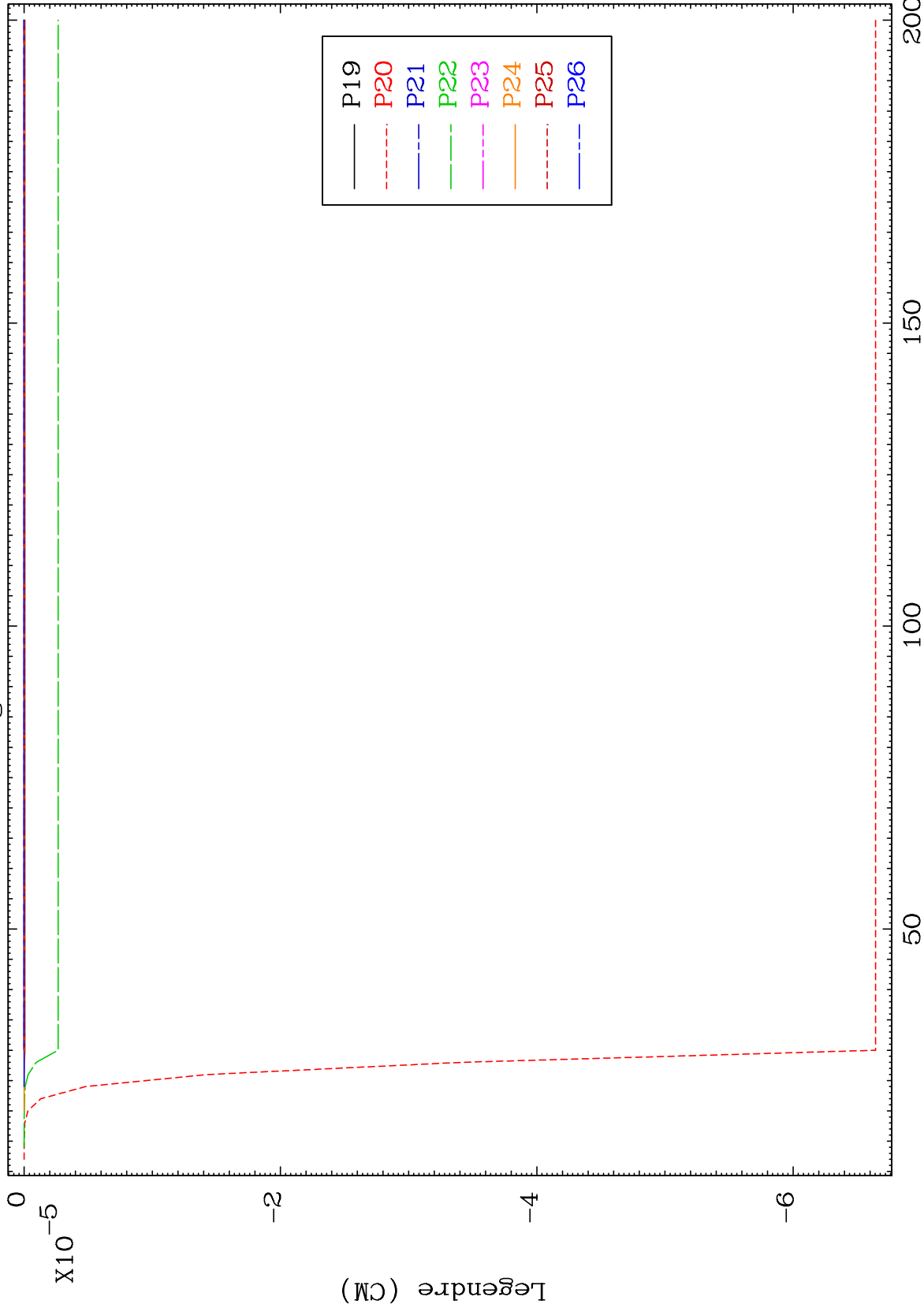
Incident Energy (MeV)



MAT 7449

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

74-W -188



52

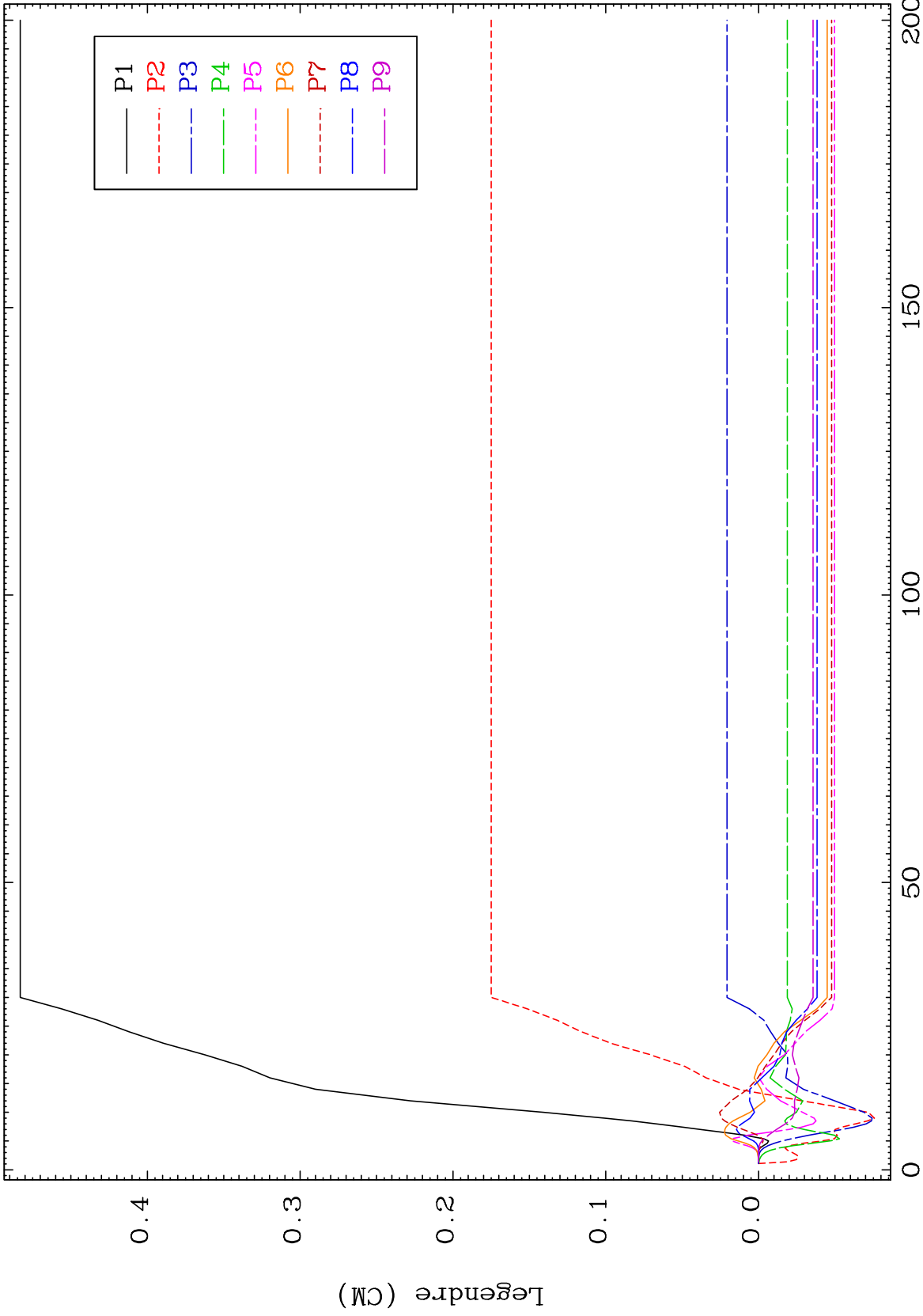
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



53

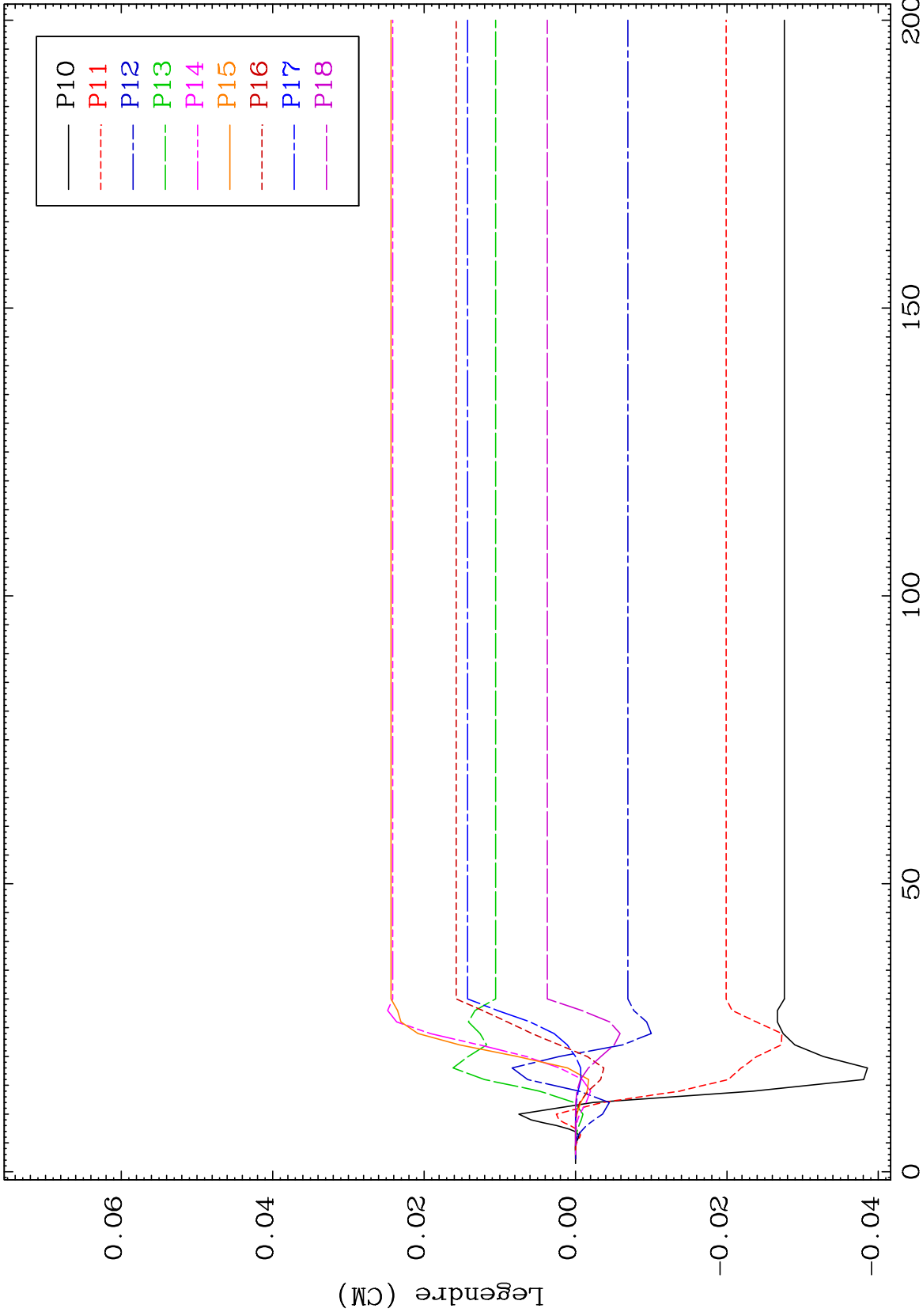
Incident Energy (MeV)

74-W -188

MAT 7449

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

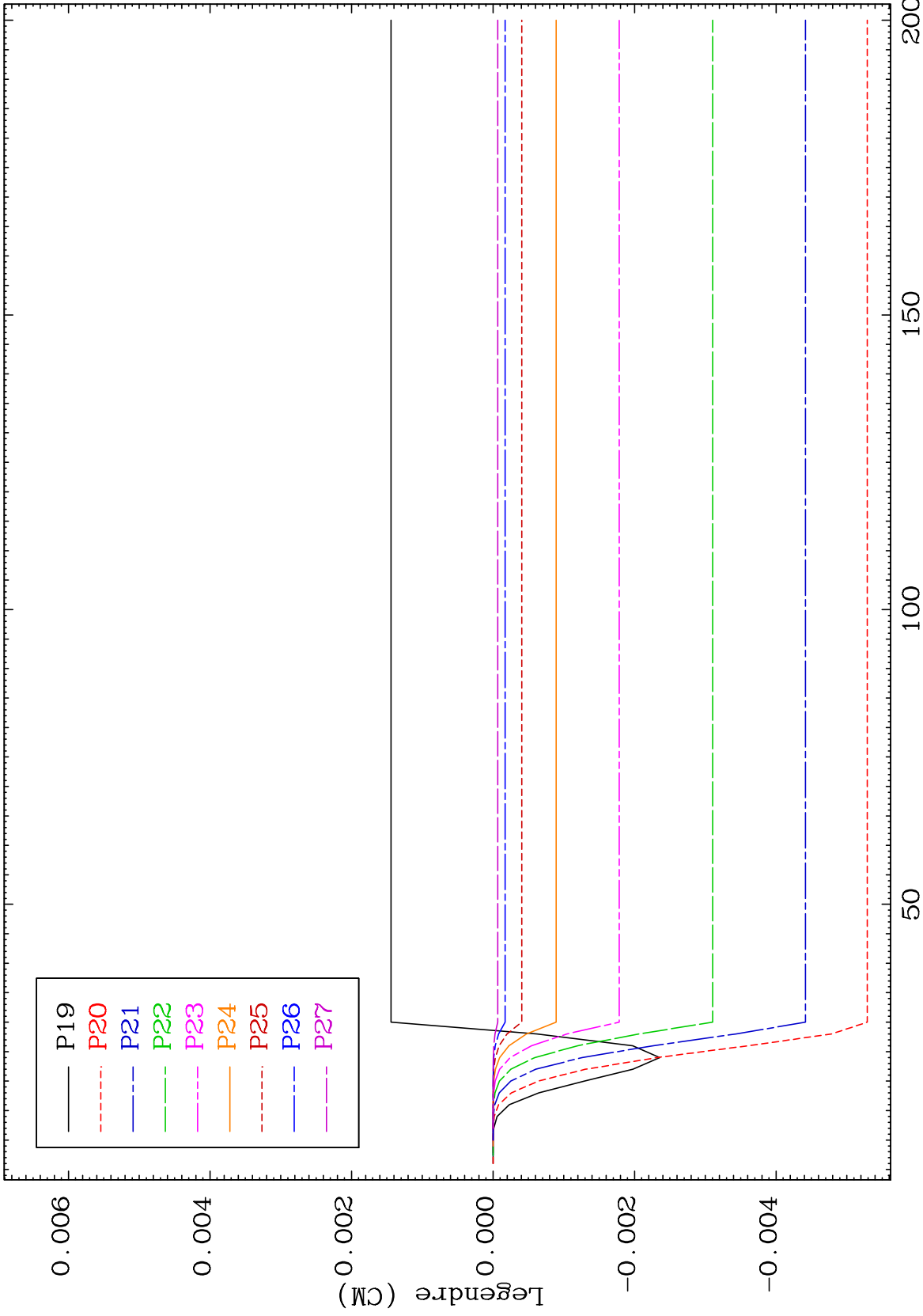
74-W -188



54

Incident Energy (MeV)

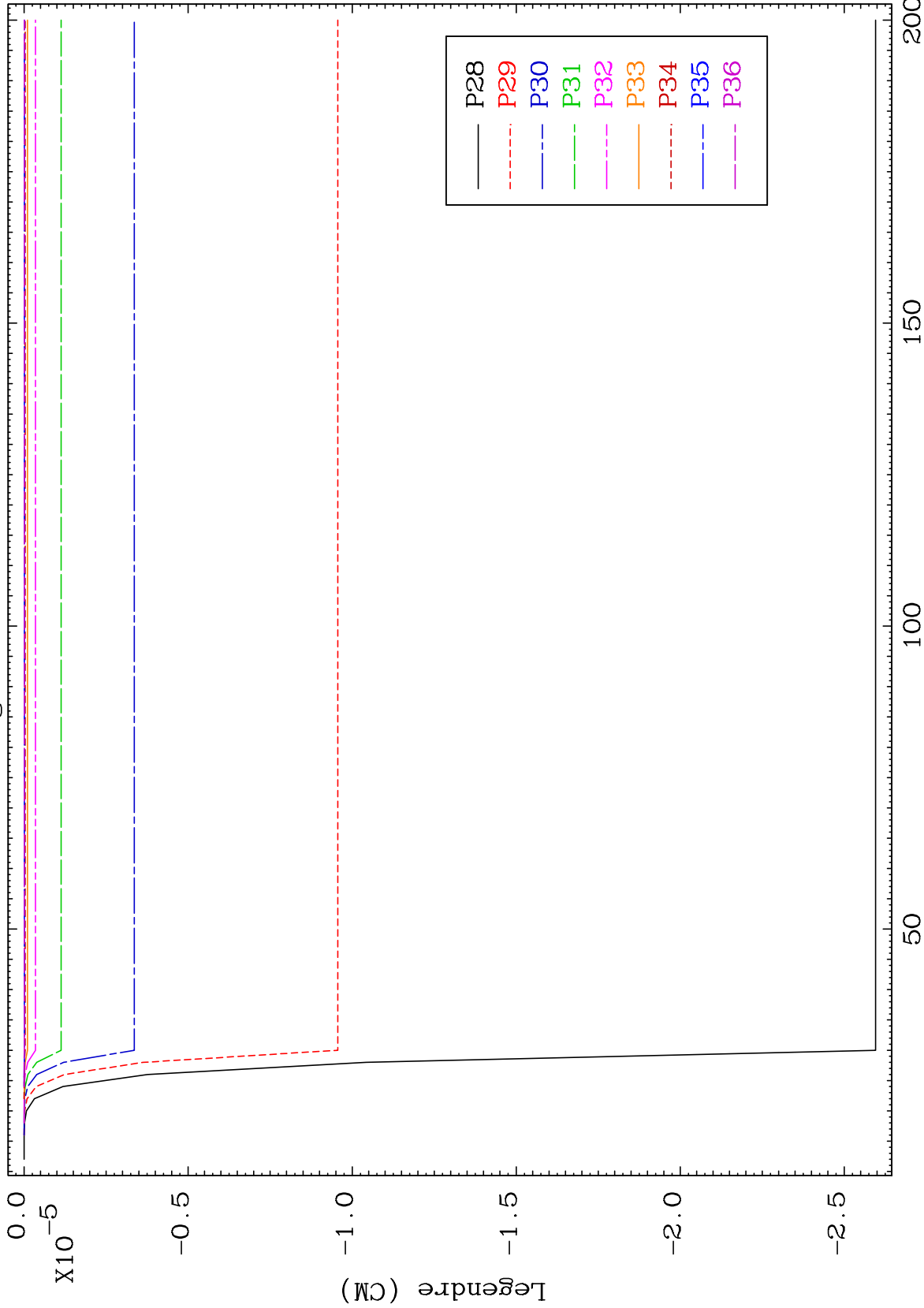
74-W -188



MAT 7449

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

74-W -188



56

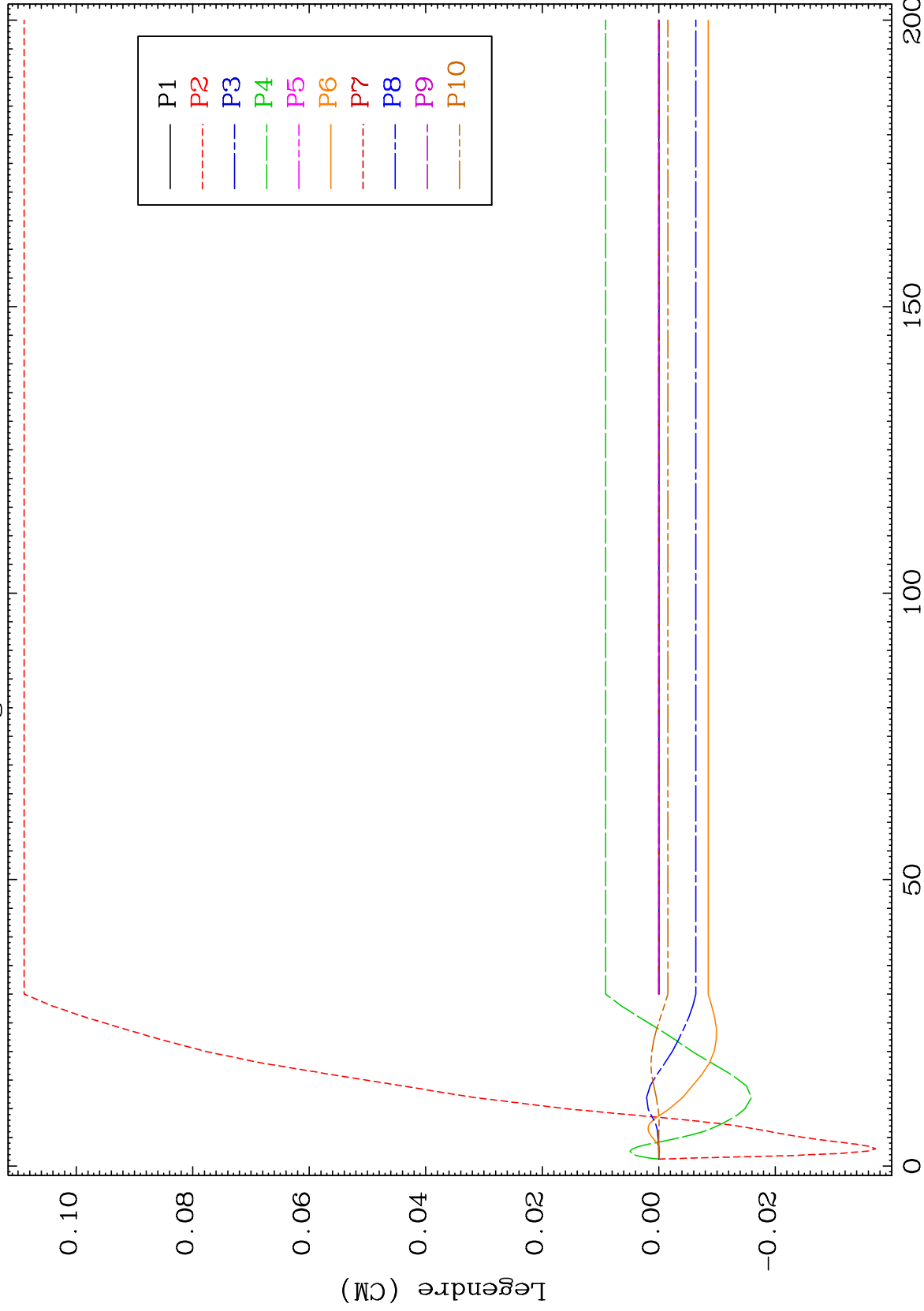
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



57

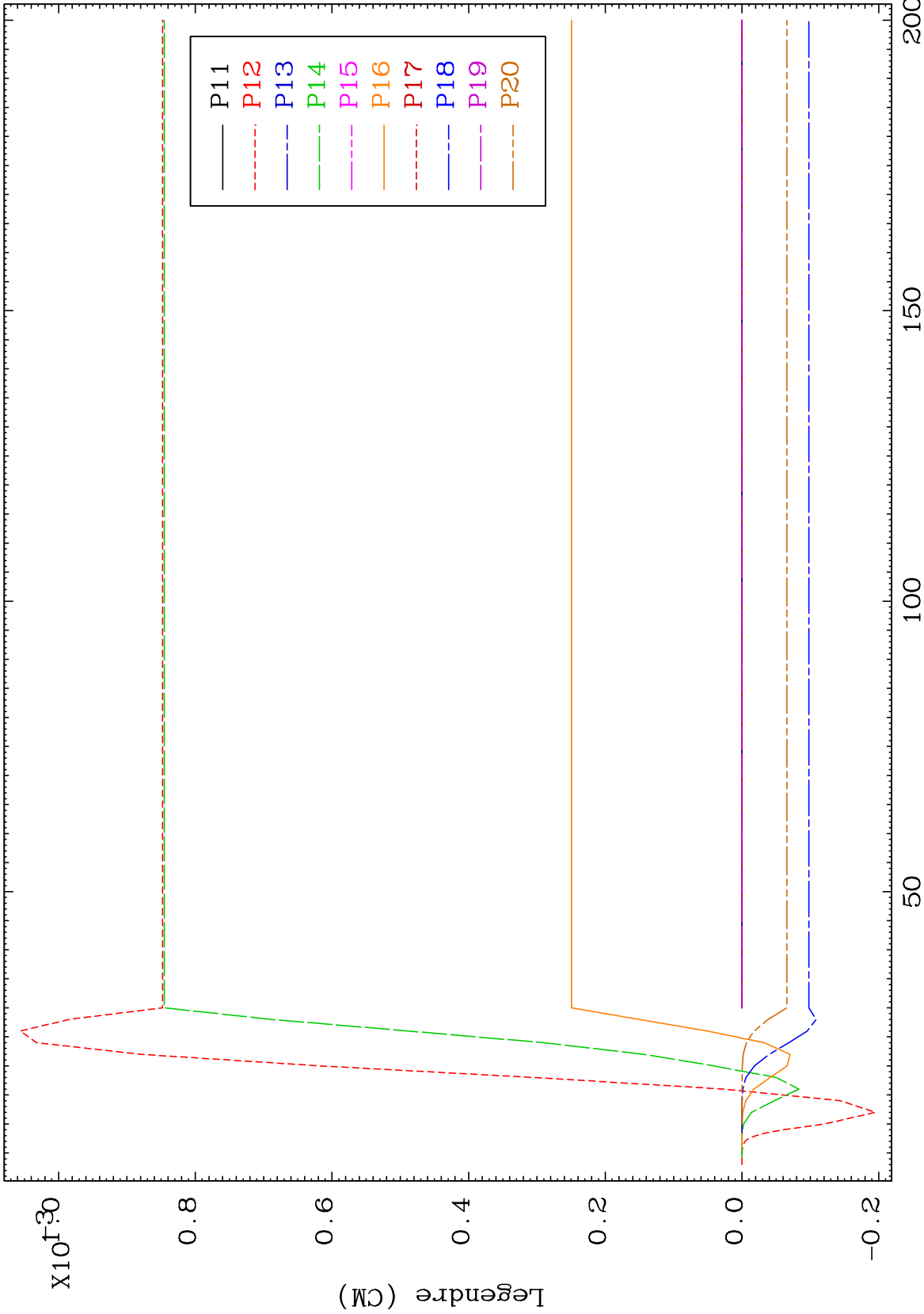
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



58

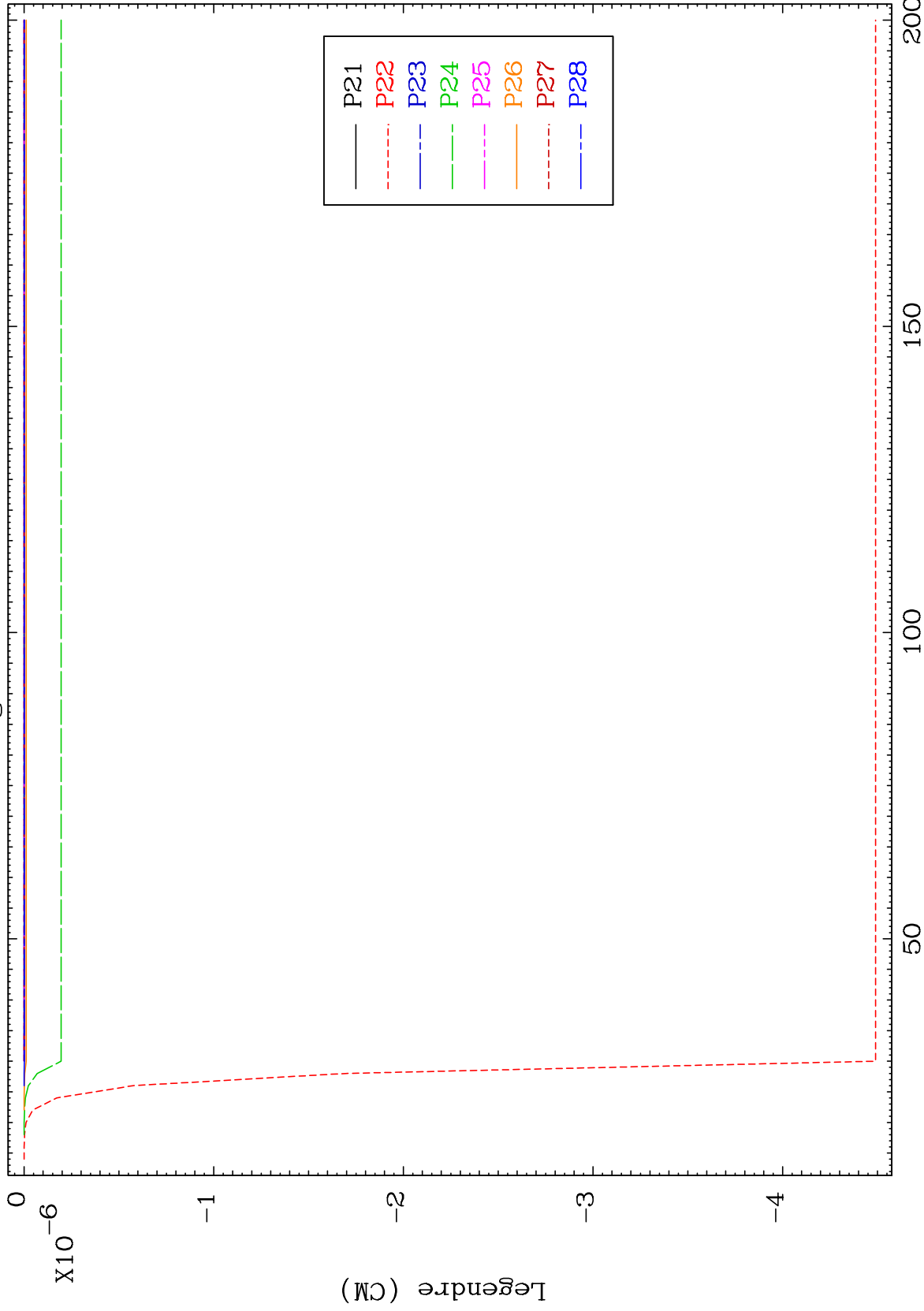
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



59

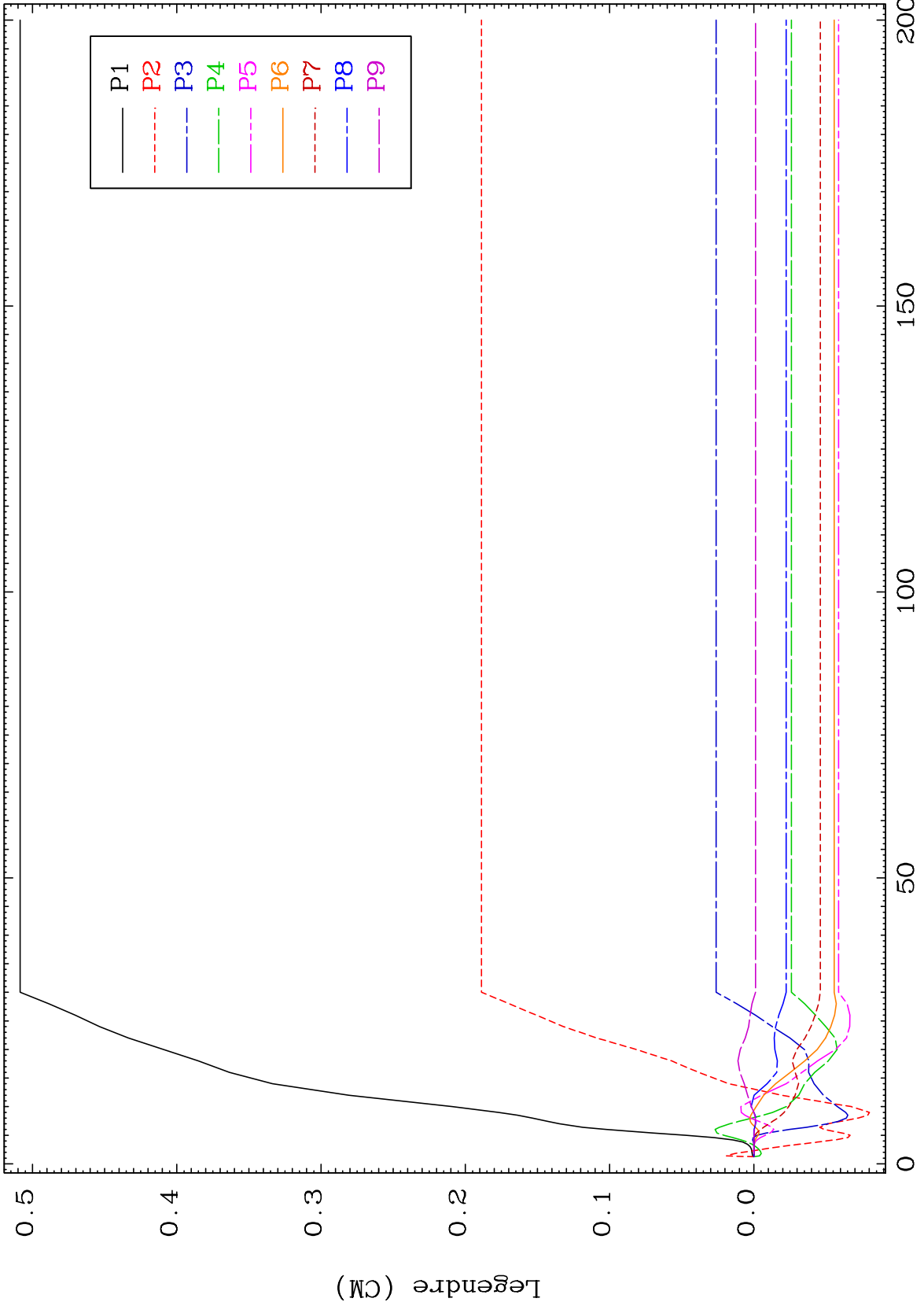
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



60

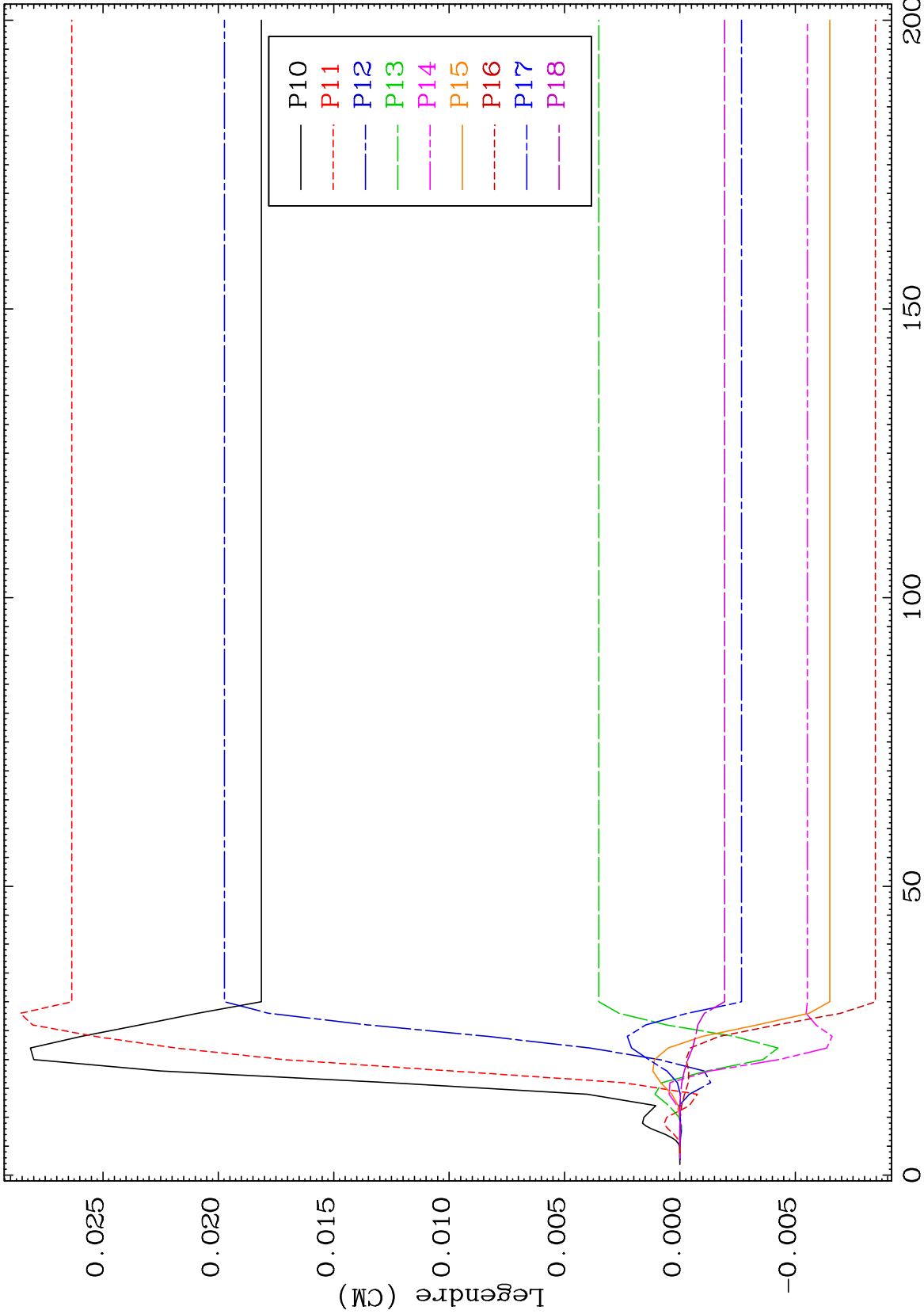
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



61

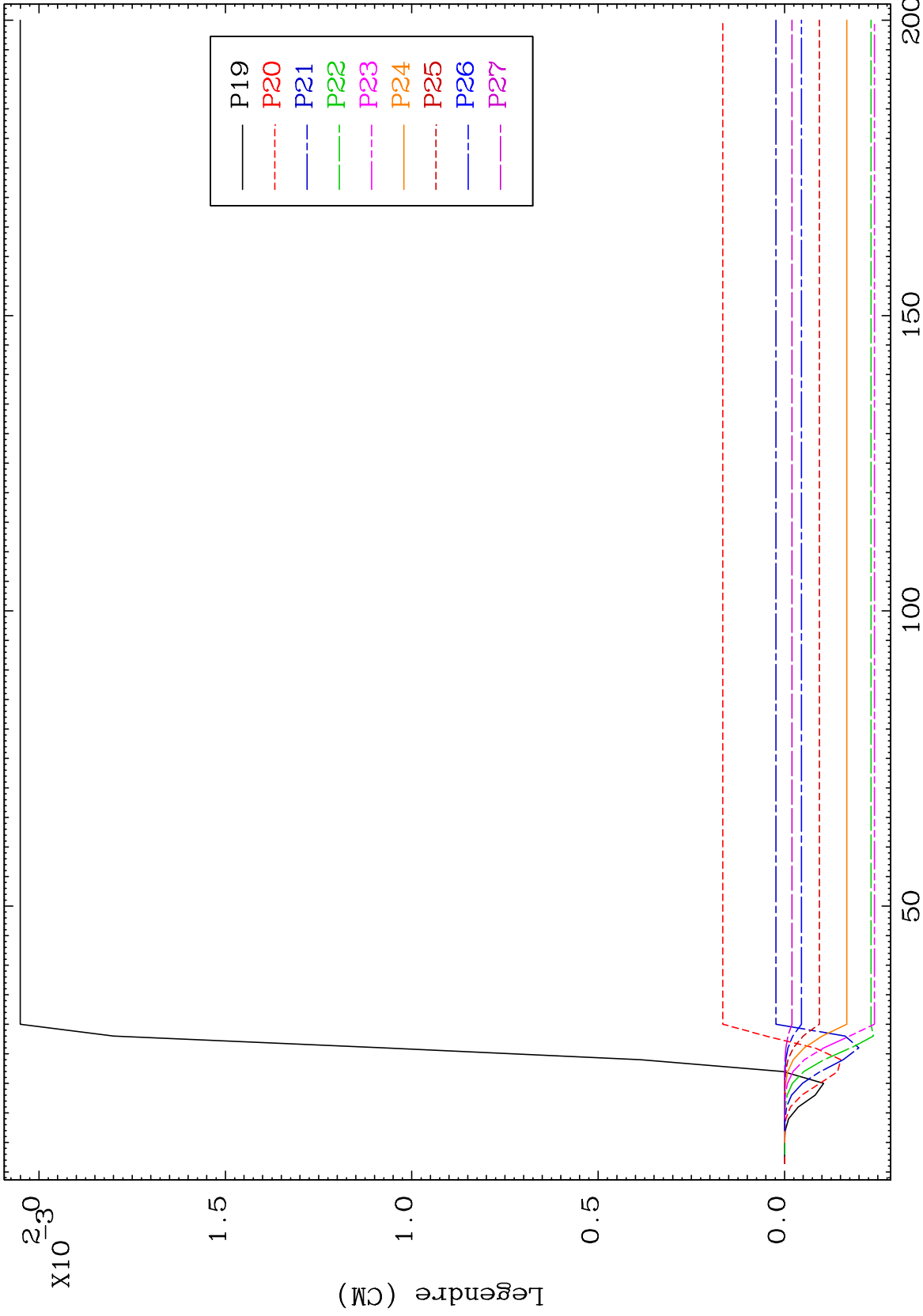
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



62

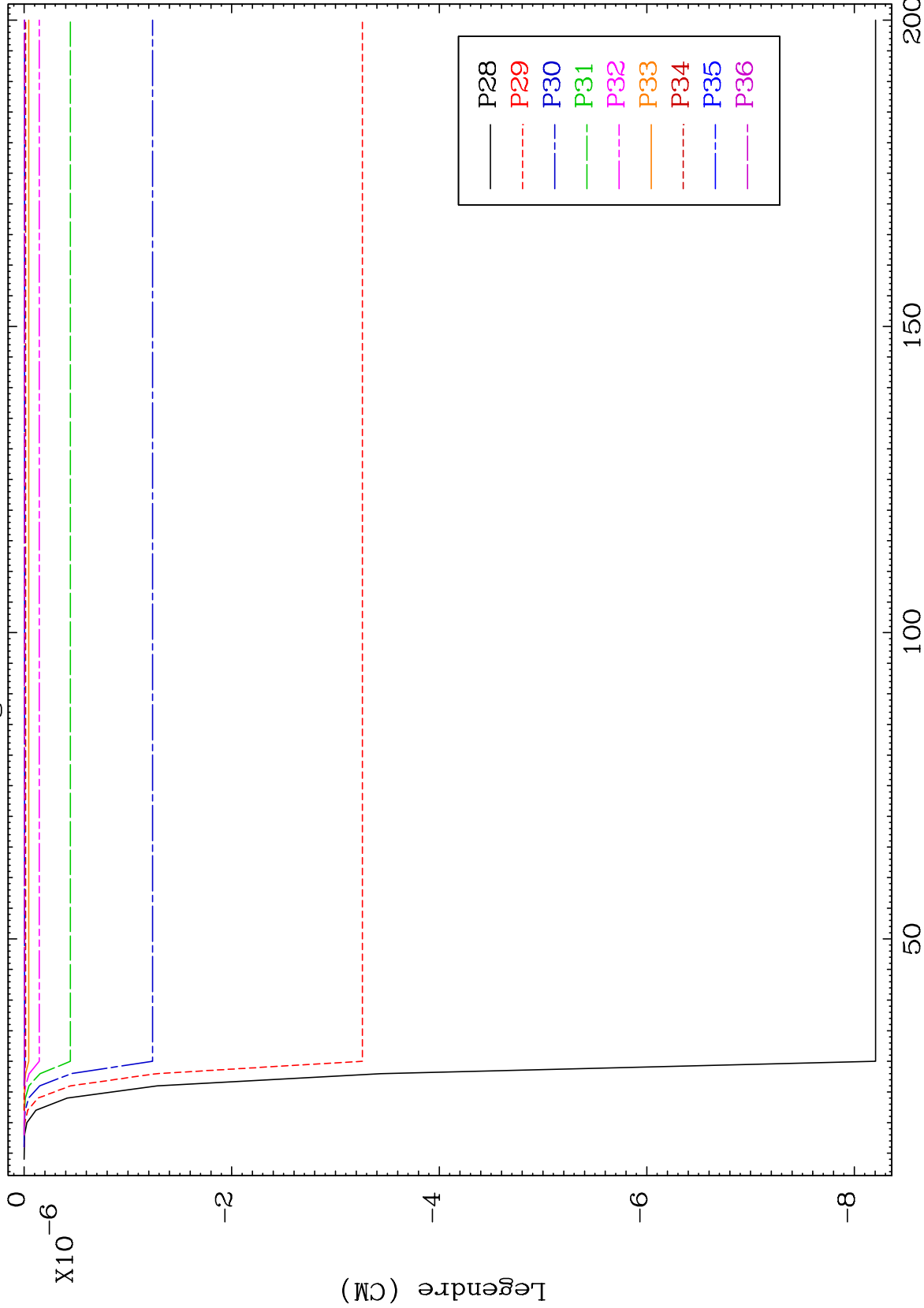
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



63

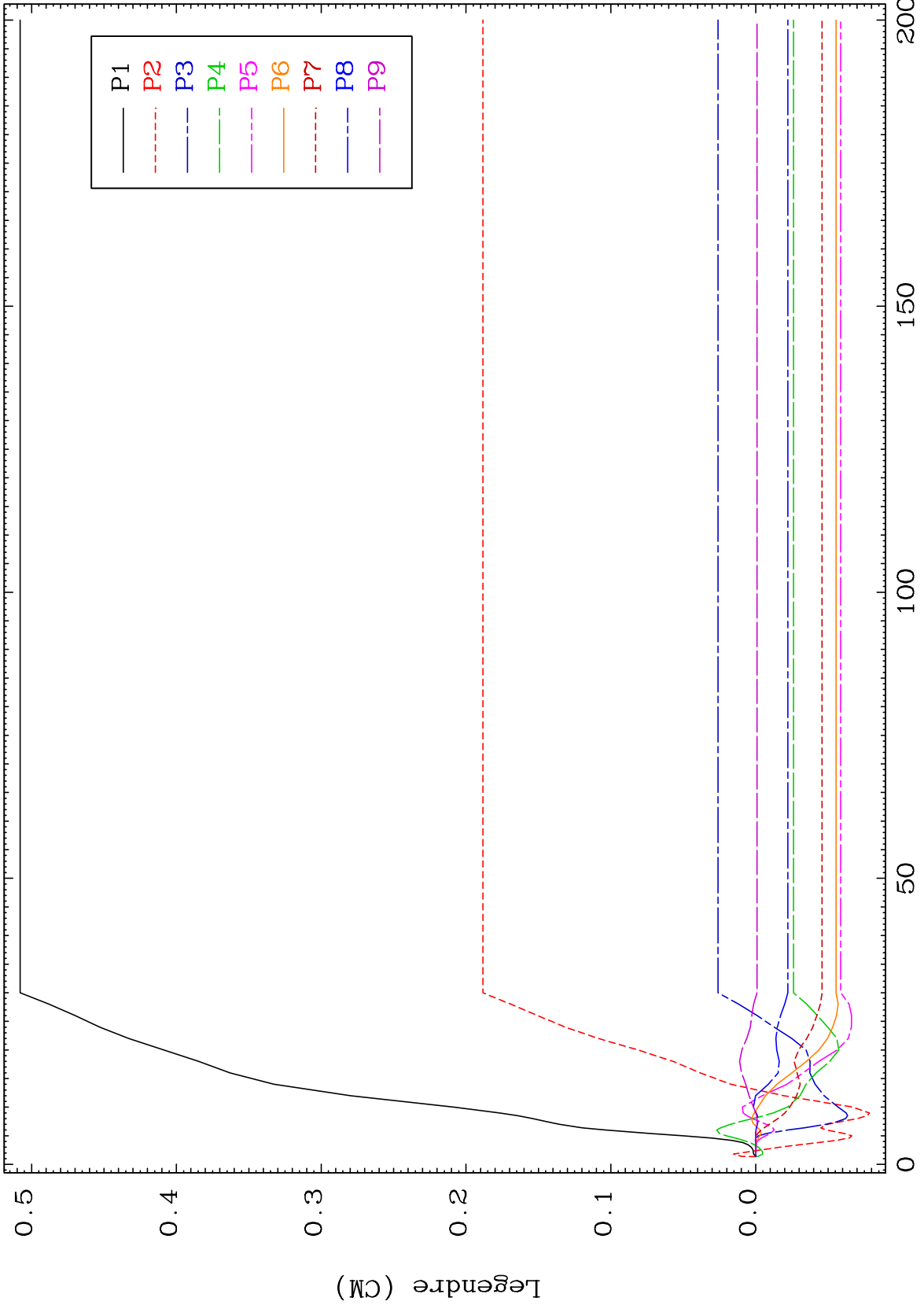
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



64

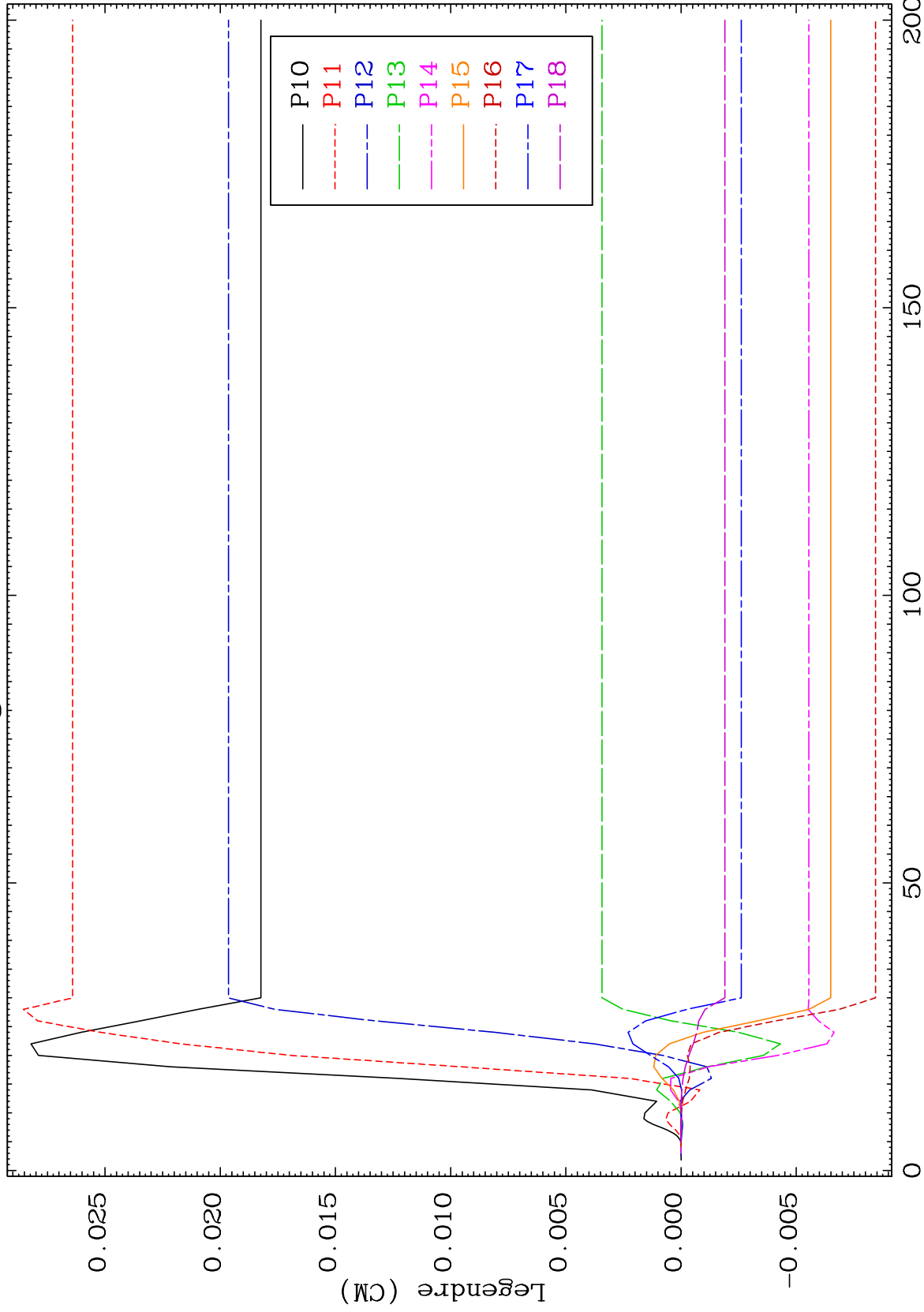
Incident Energy (MeV)

74-W -188

MAT 7449

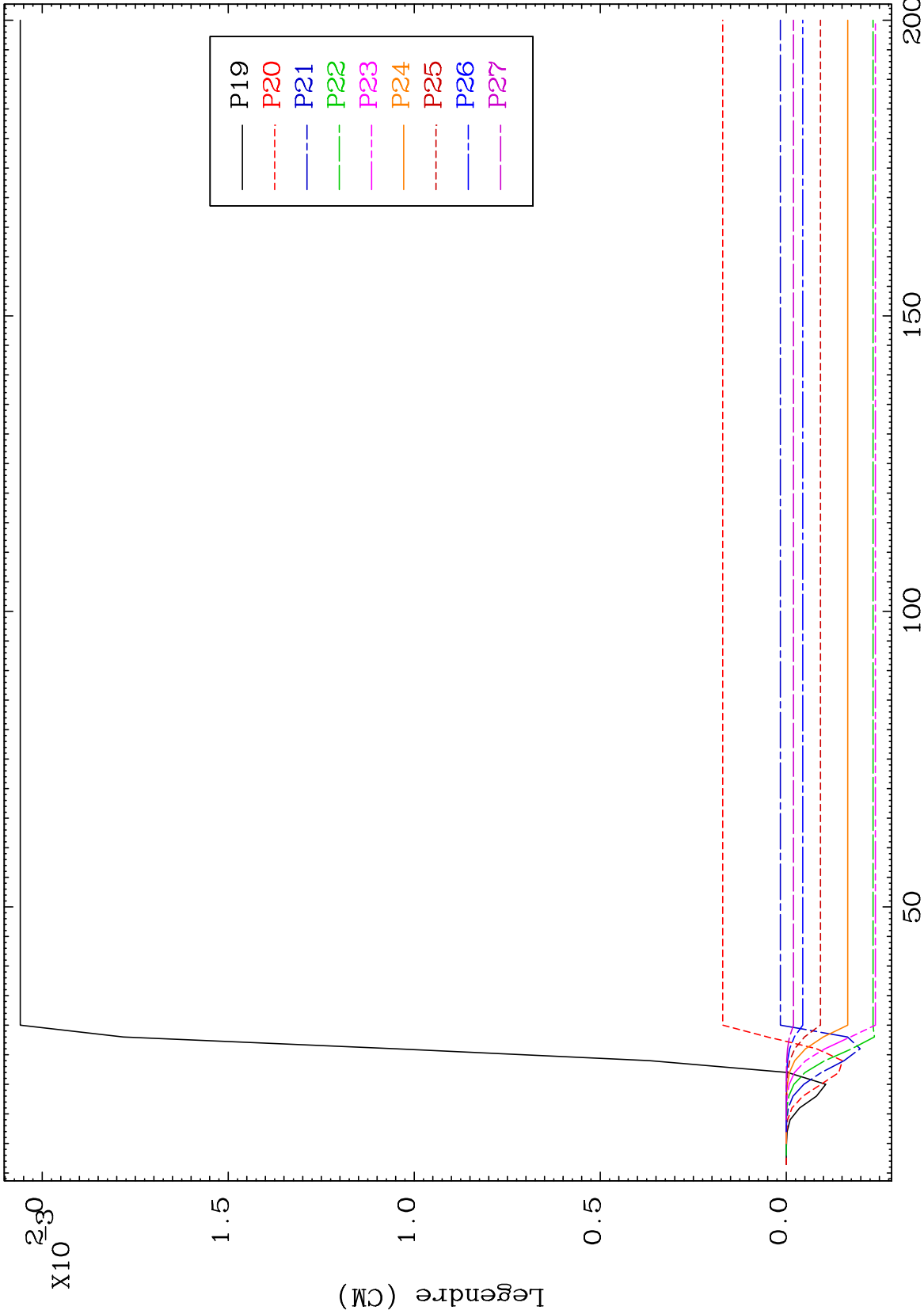
MT= 63 (n,n') Level
Legendre Coefficients

74-W -188



65

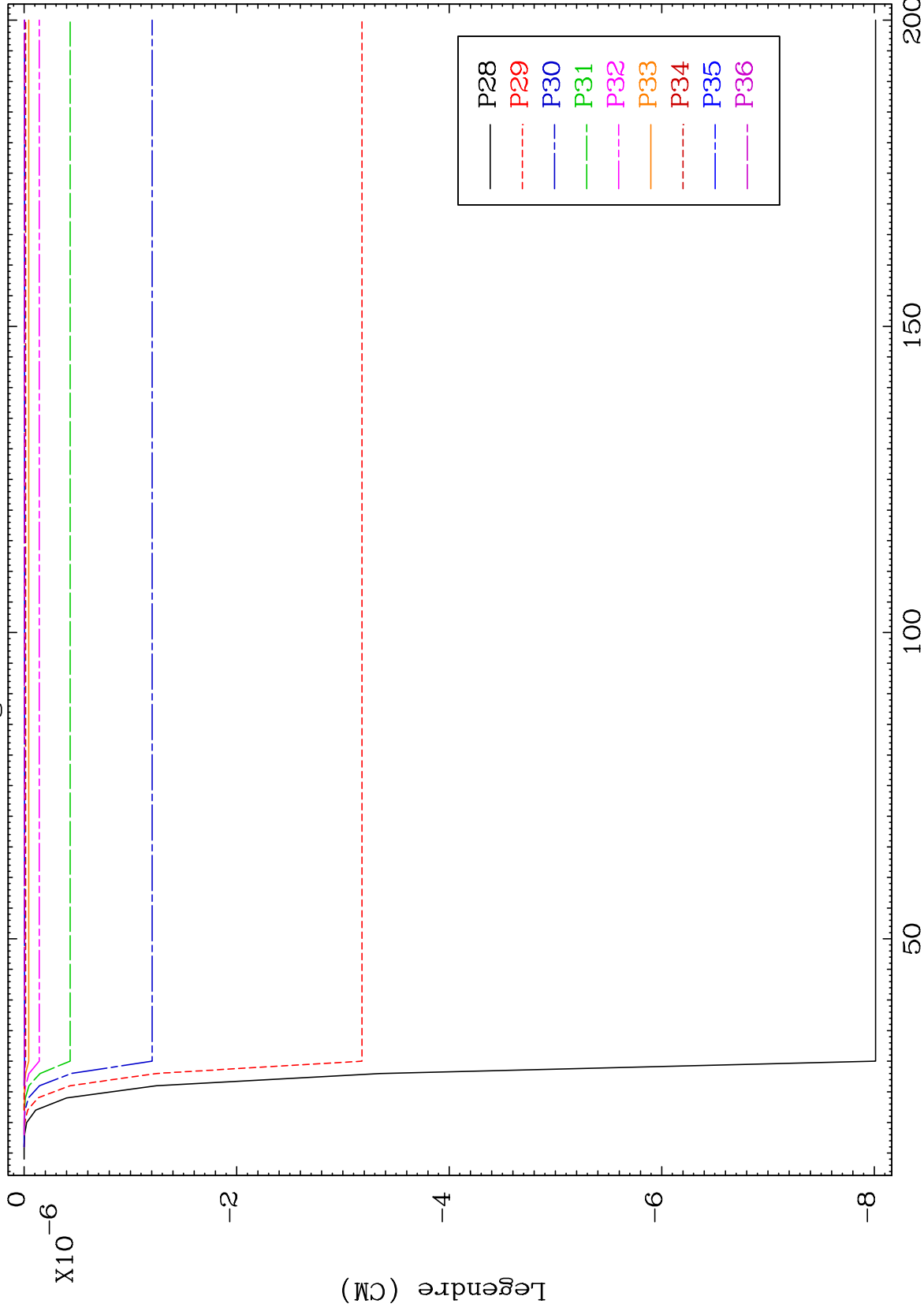
74-W -188



MAT 7449

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

74-W -188



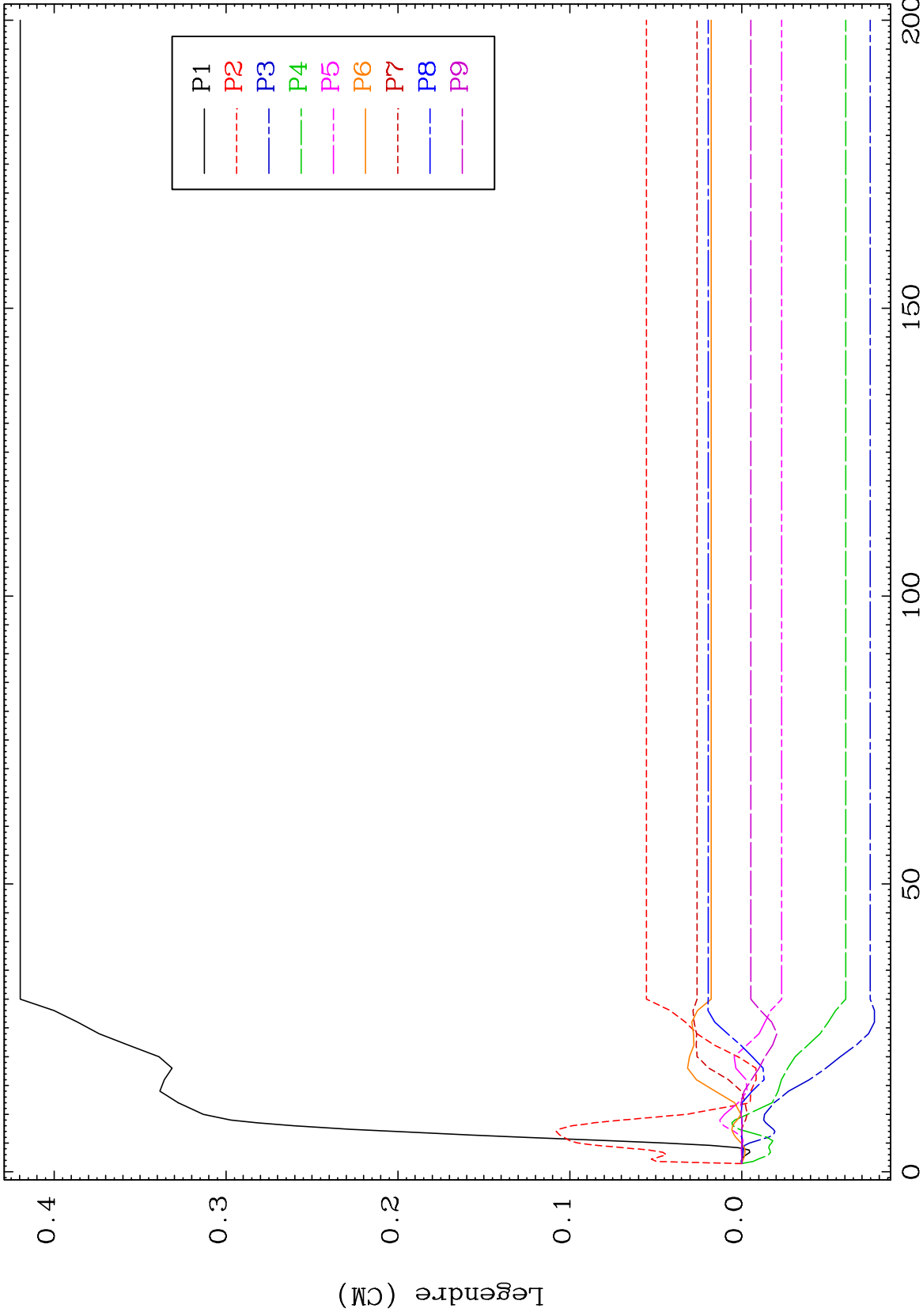
67

74-W -188

MAT 7449

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

74-W -188



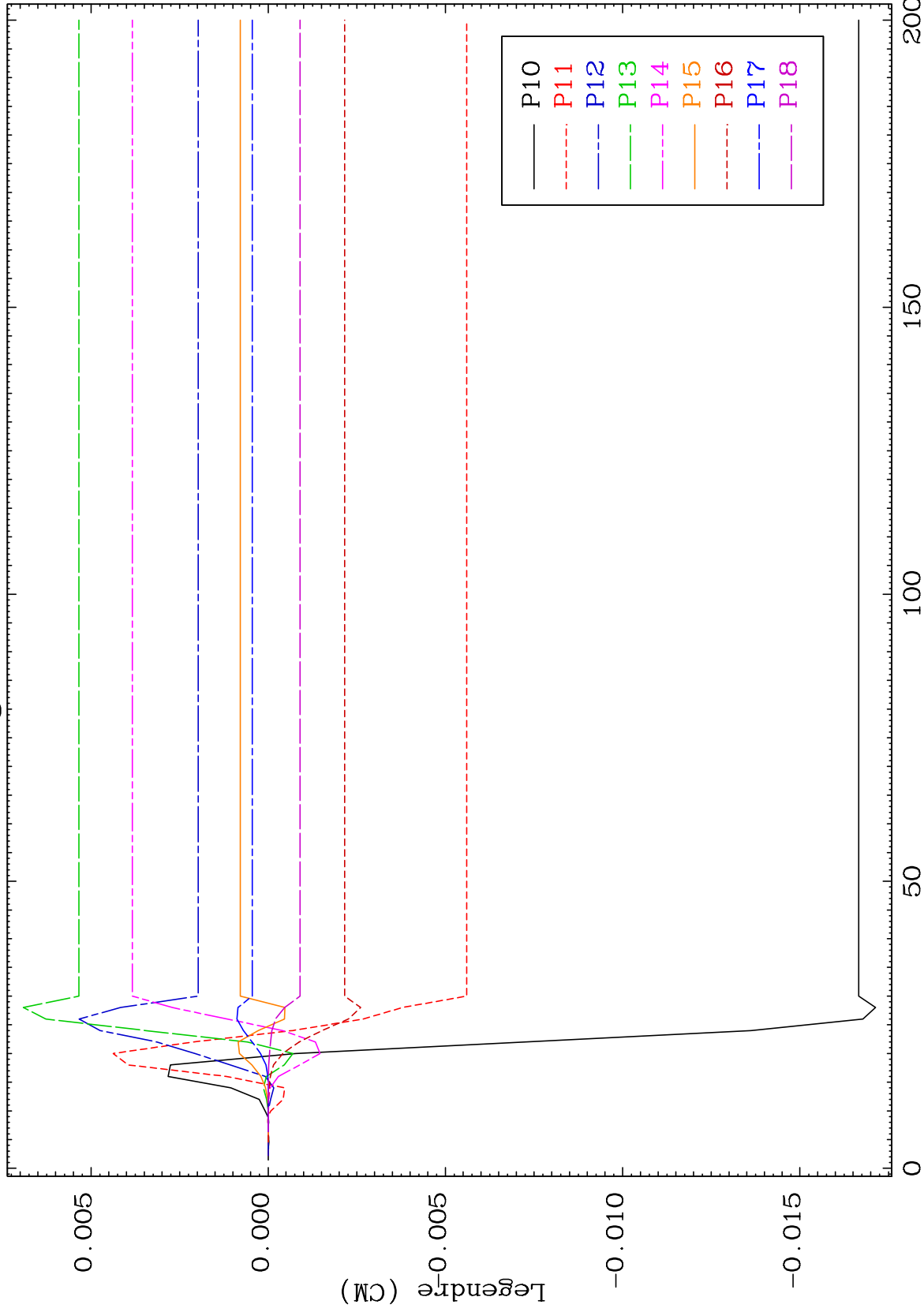
68

74-W -188

MAT 7449

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

74-W -188



69

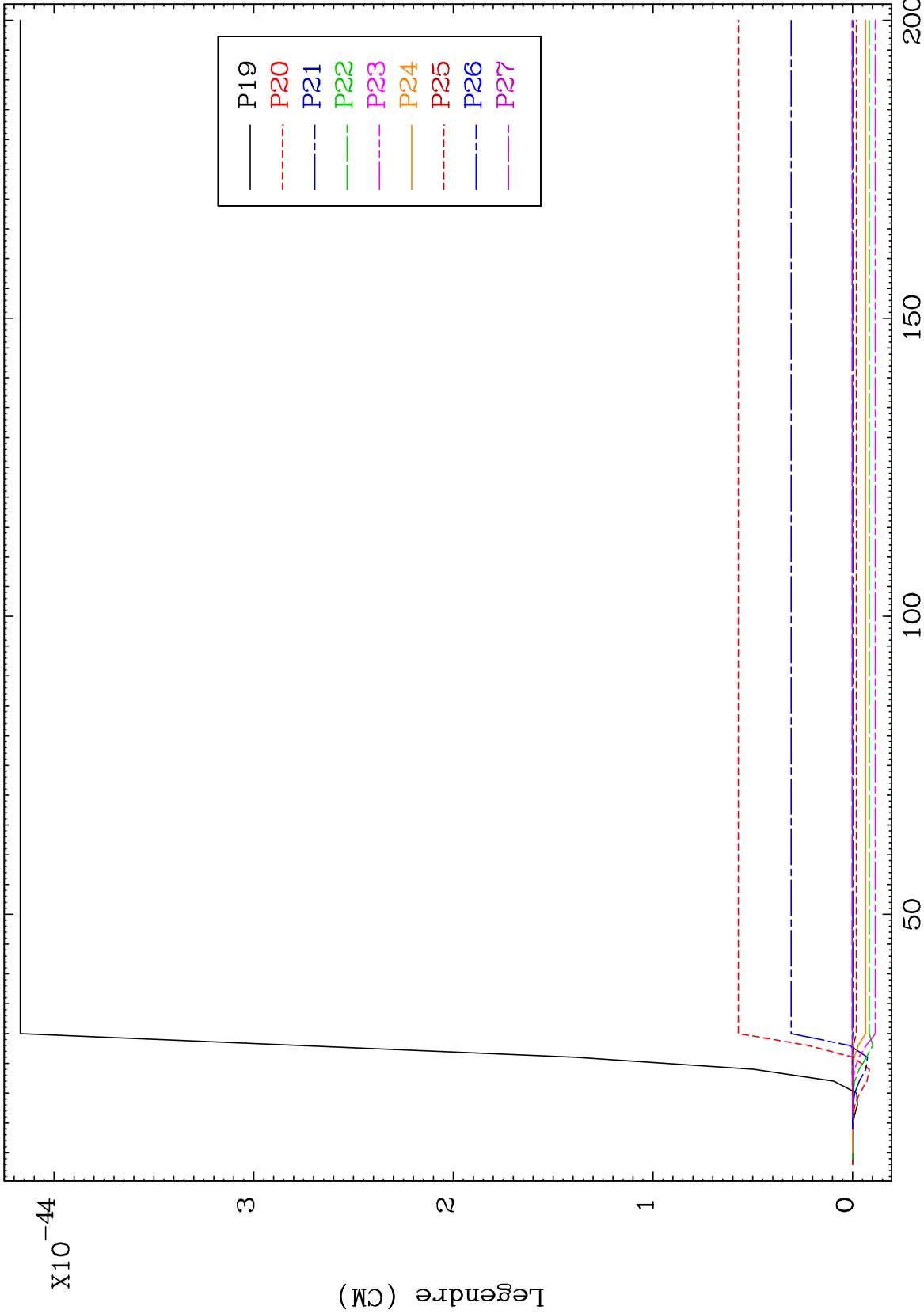
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



70

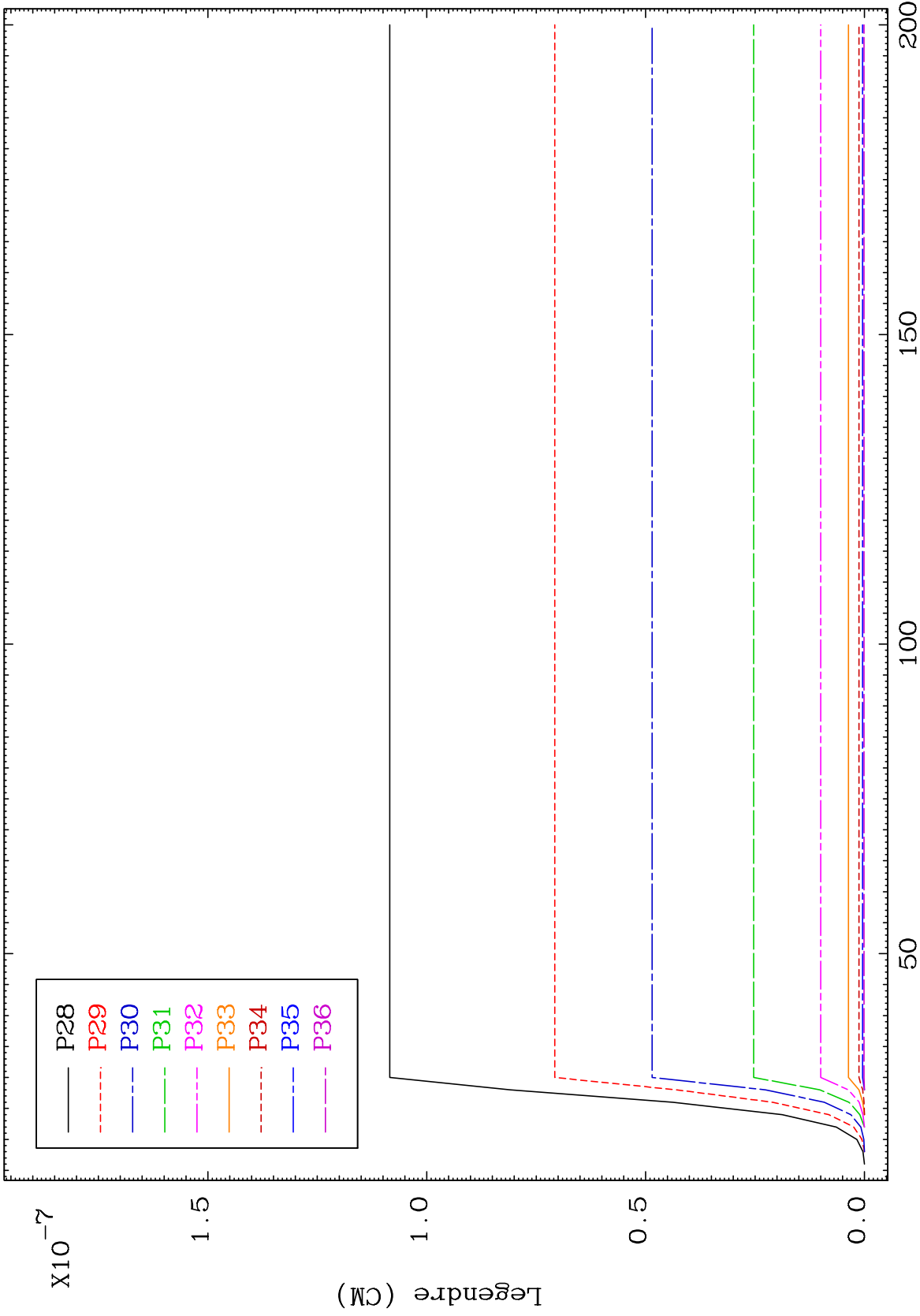
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



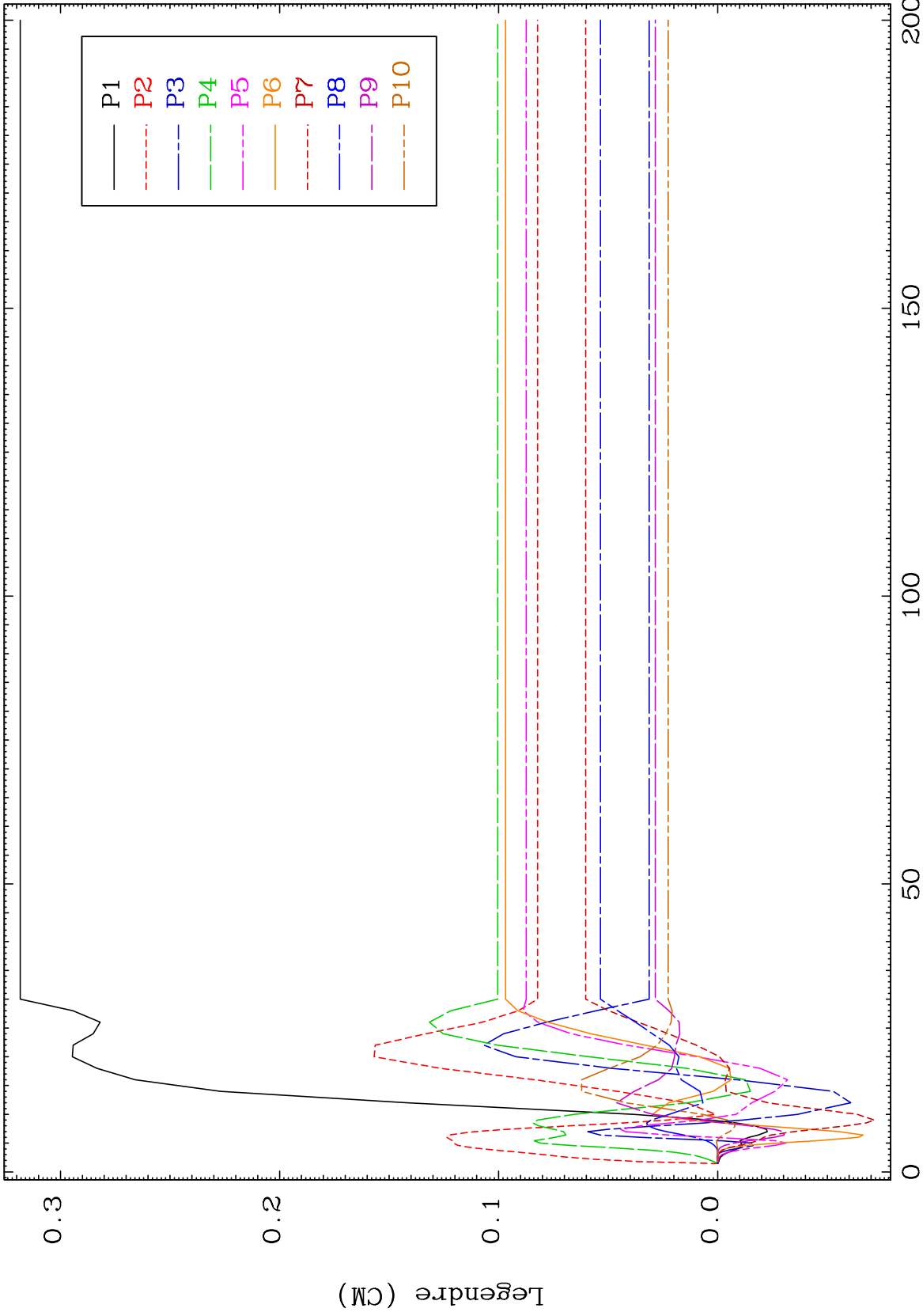
71

74-W -188

MAT 7449

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

74-W -188



72

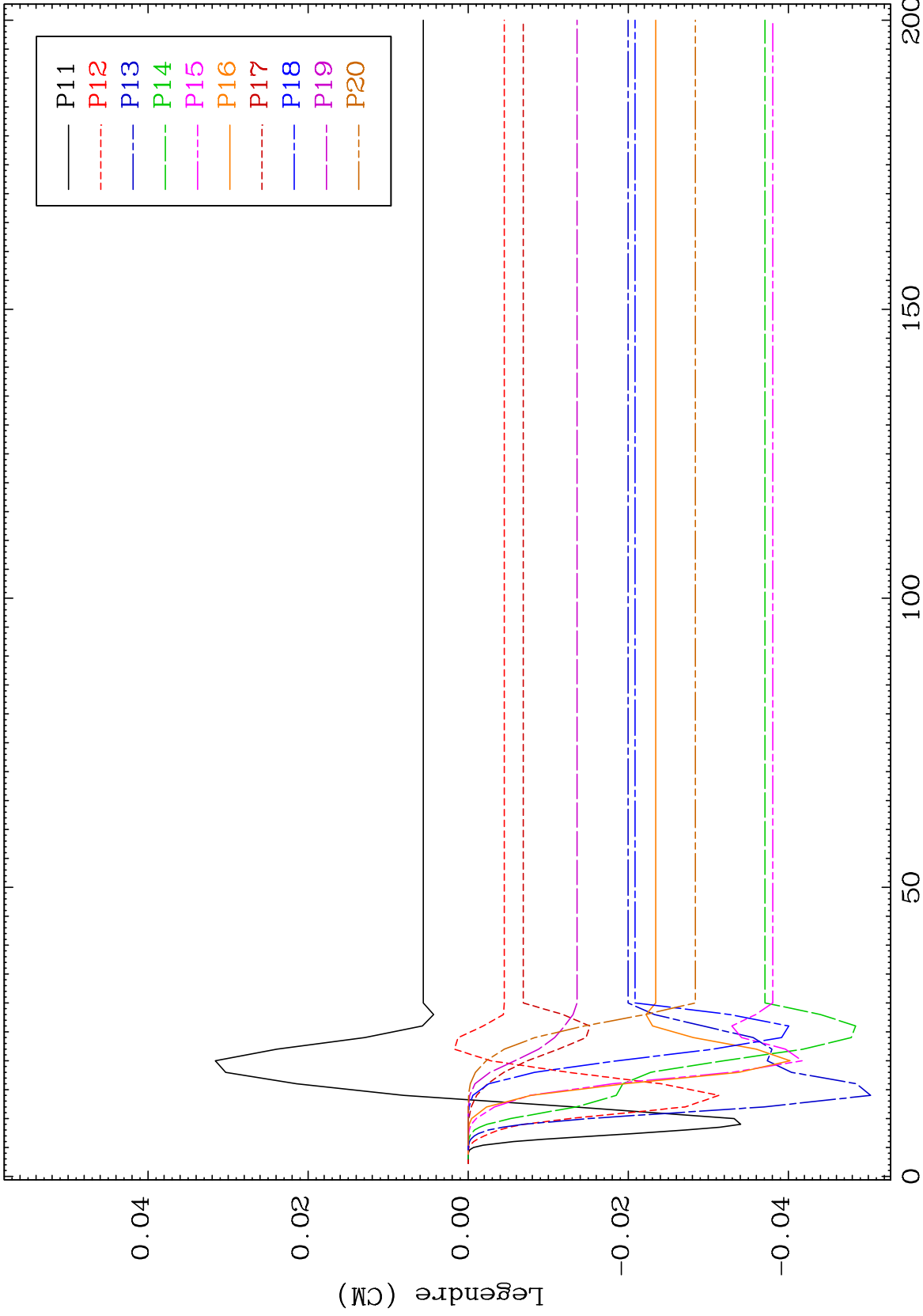
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188

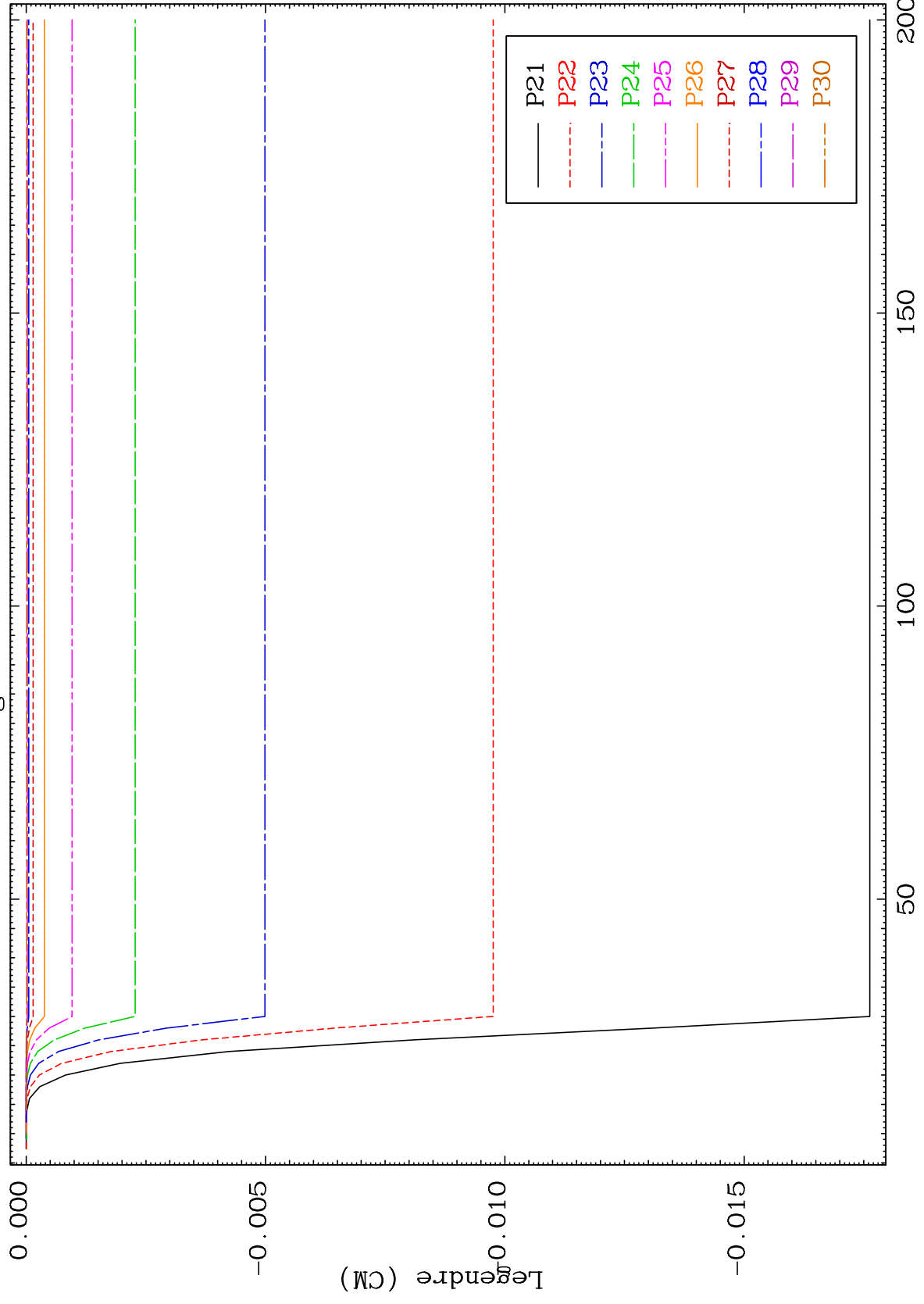


73

Incident Energy (MeV)

74-W -188

MAT 7449 MT= 65 (n,n') Level Legendre Coefficients 74-W -188

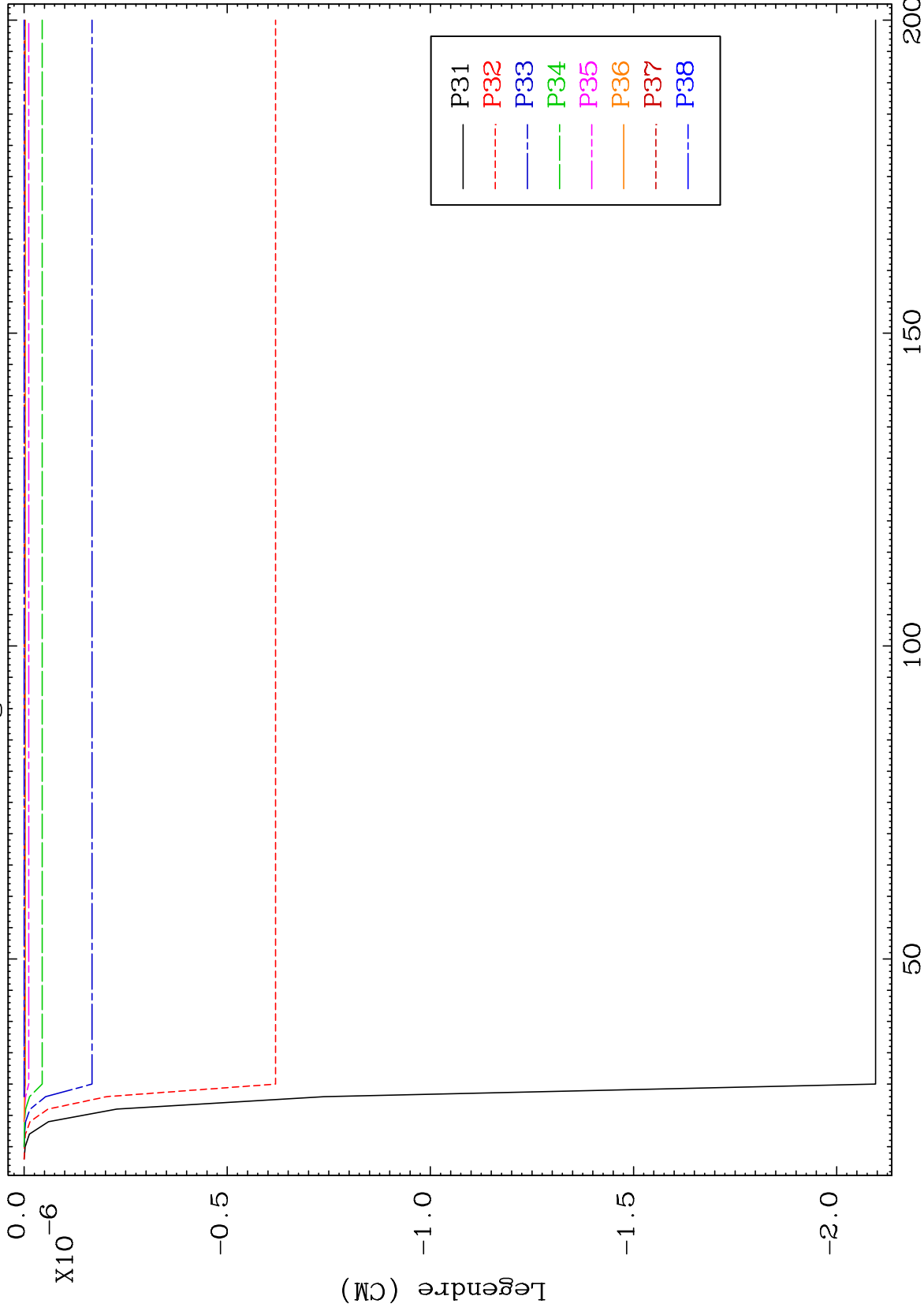


74 74-W -188

MAT 7449

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

74-W -188



75

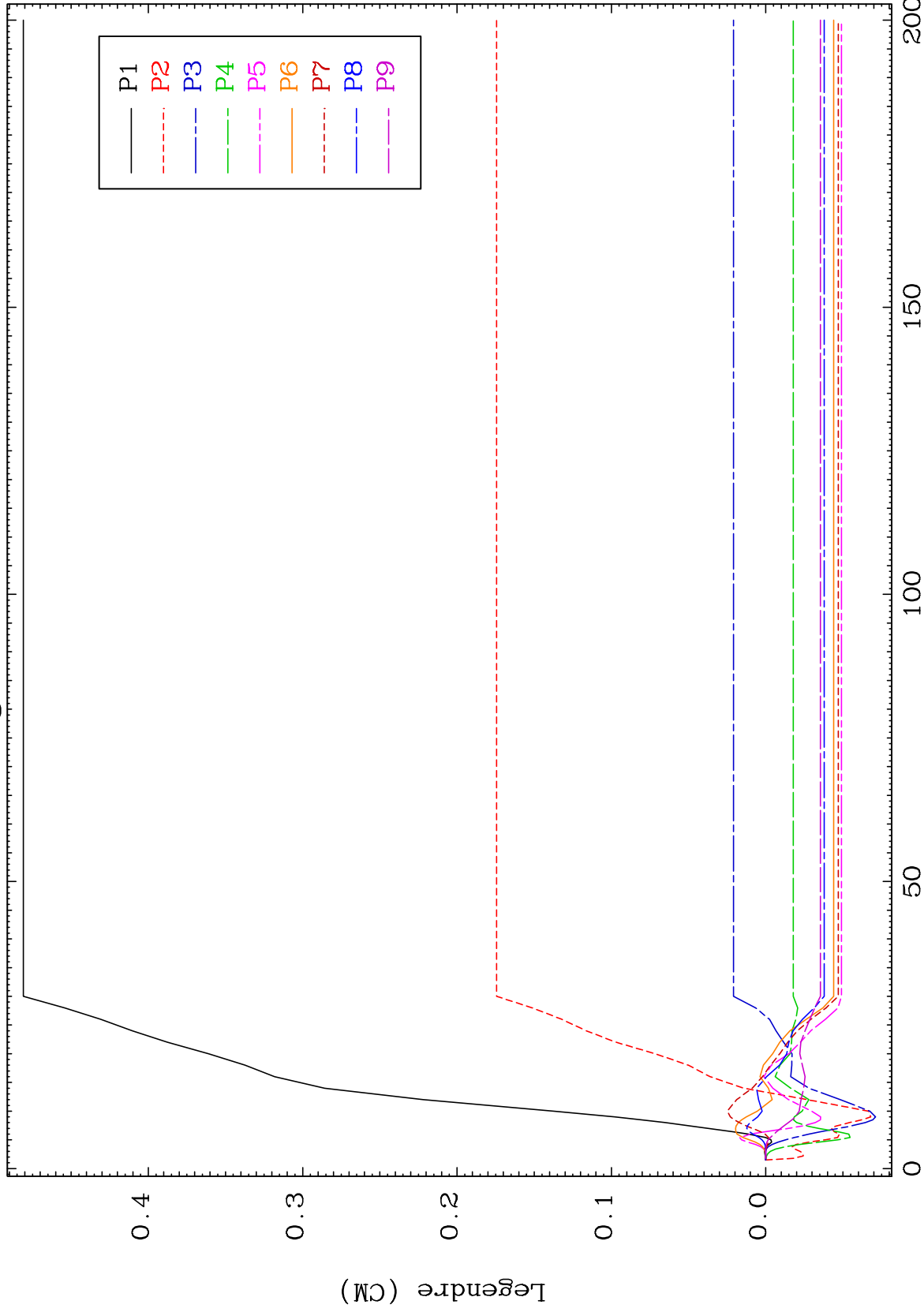
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



76

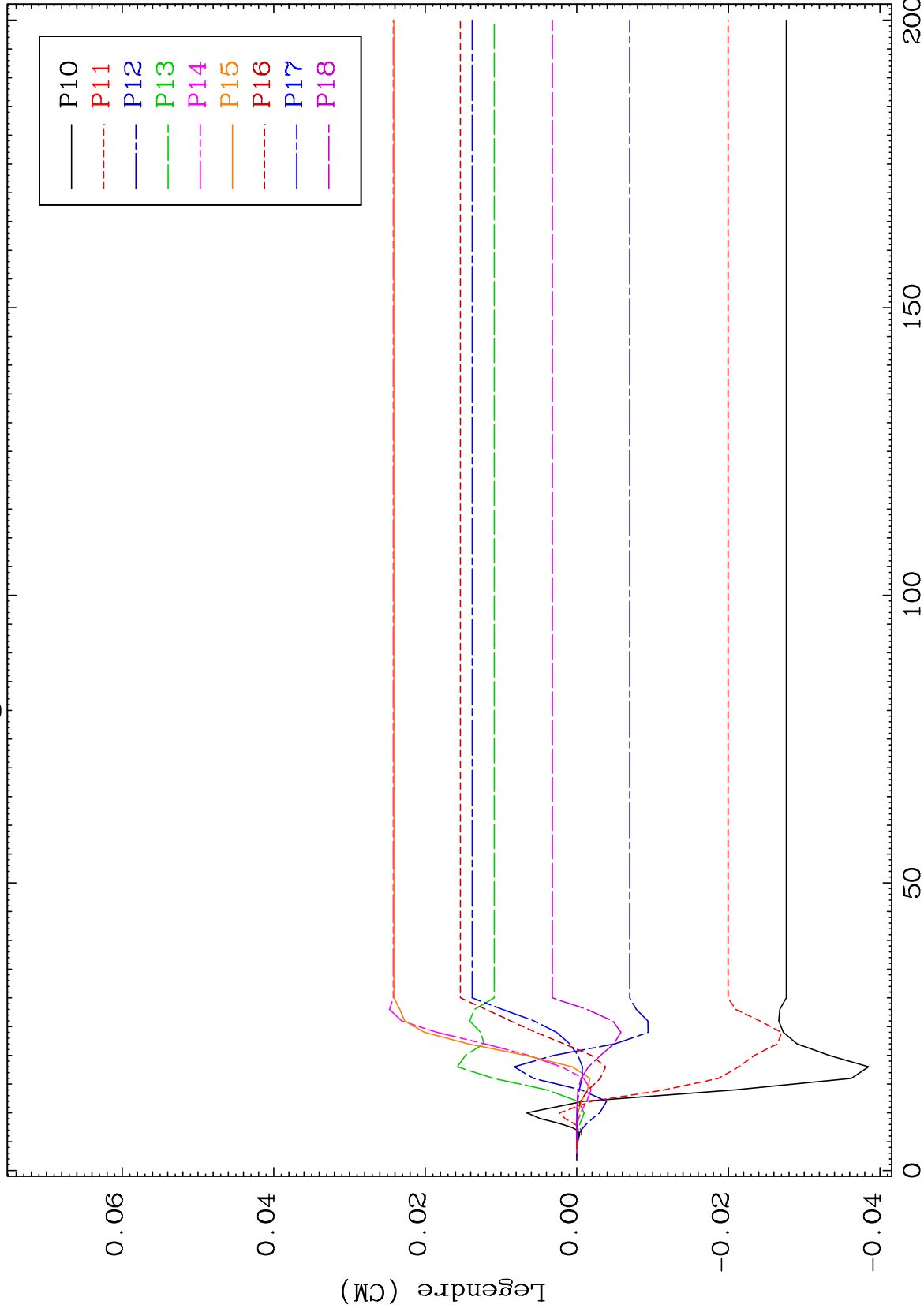
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



77

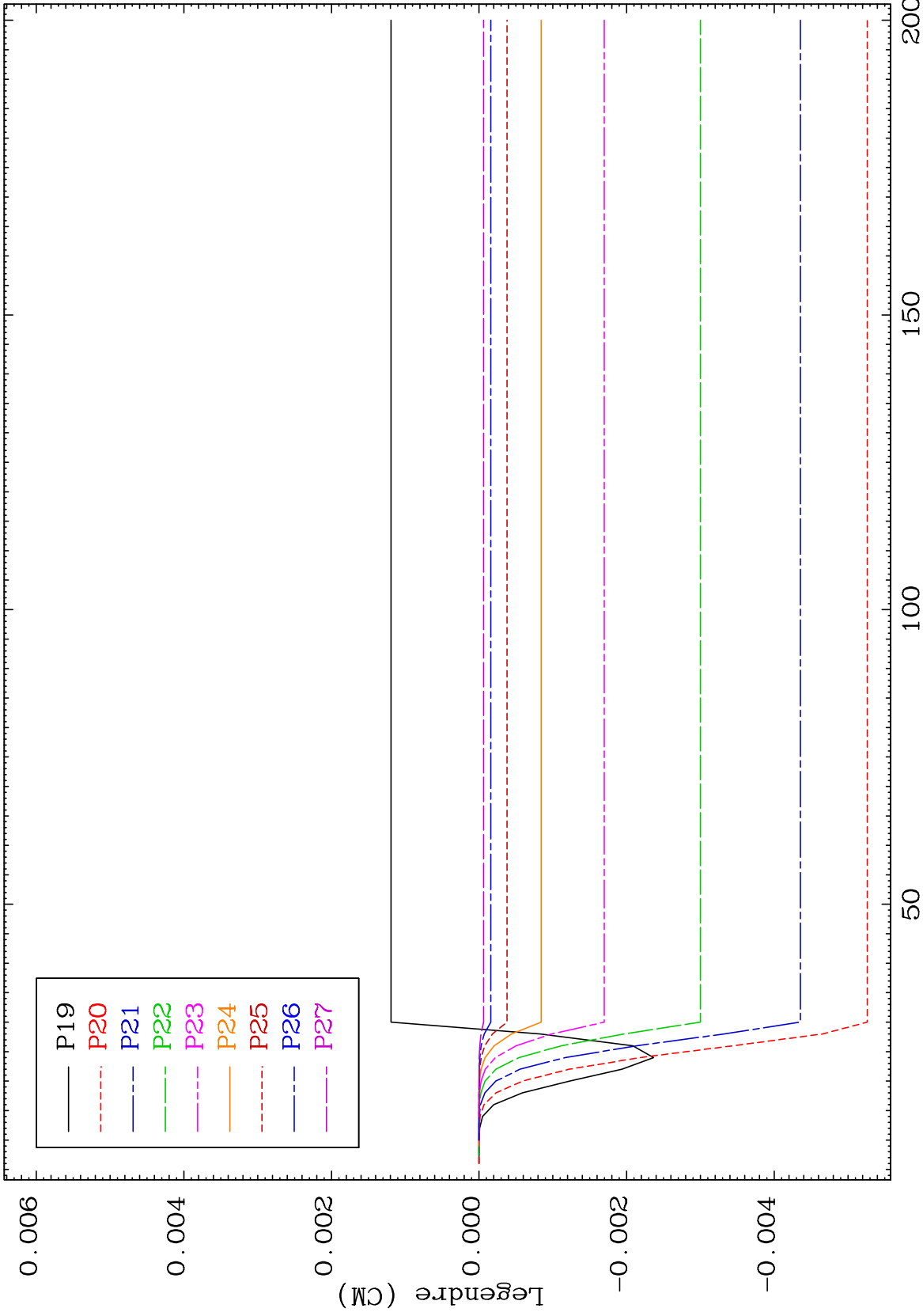
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



78

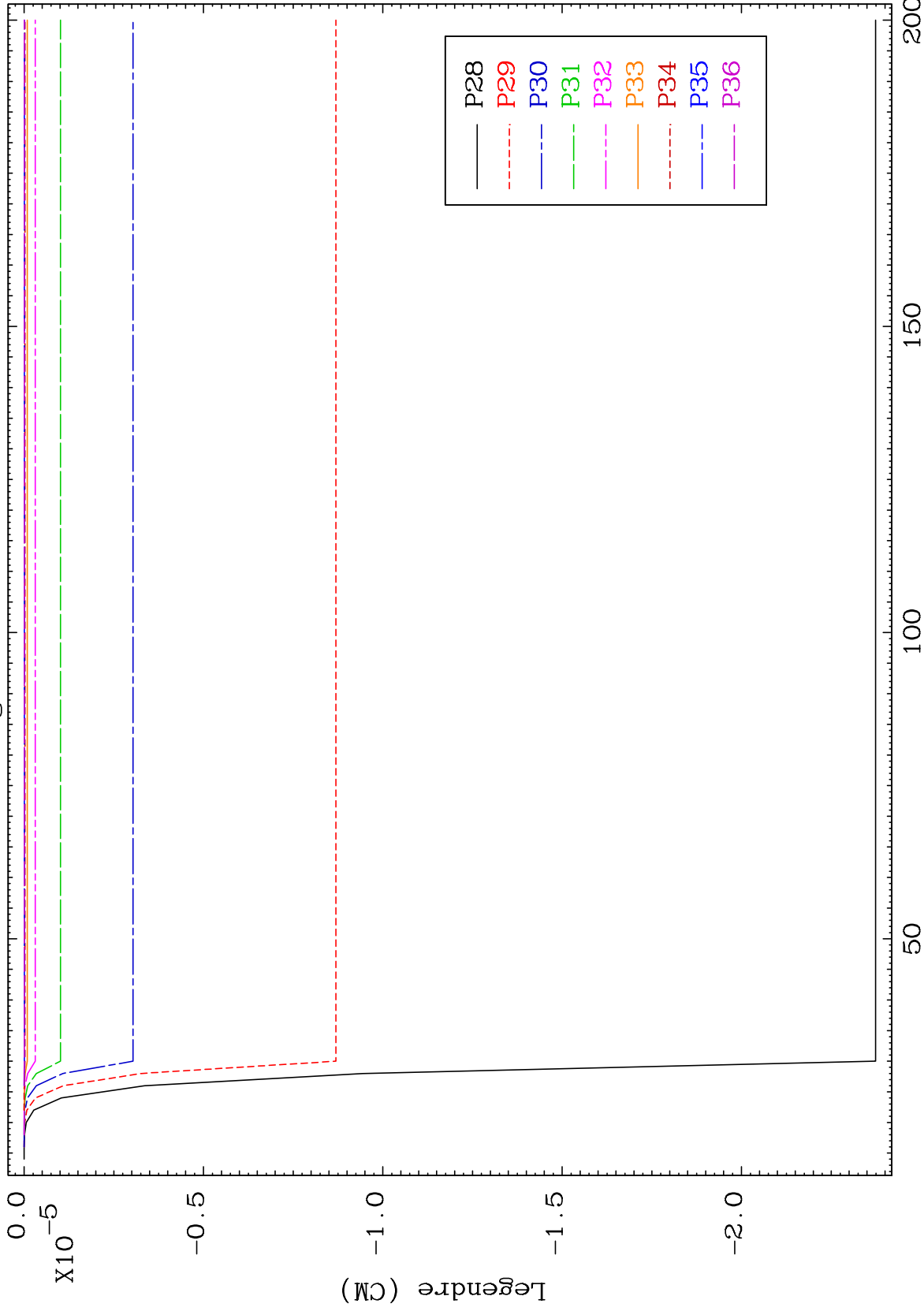
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



79

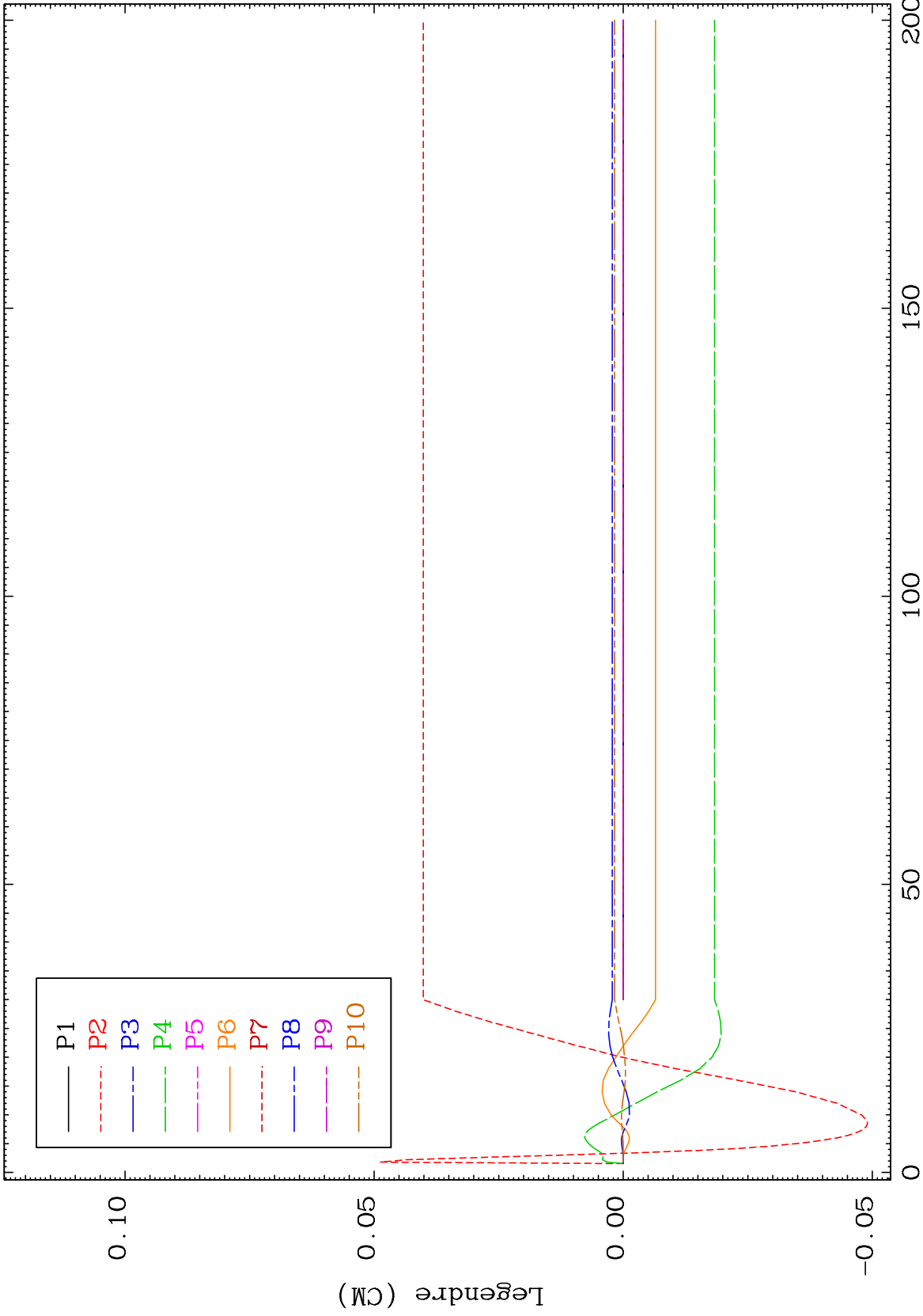
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



80

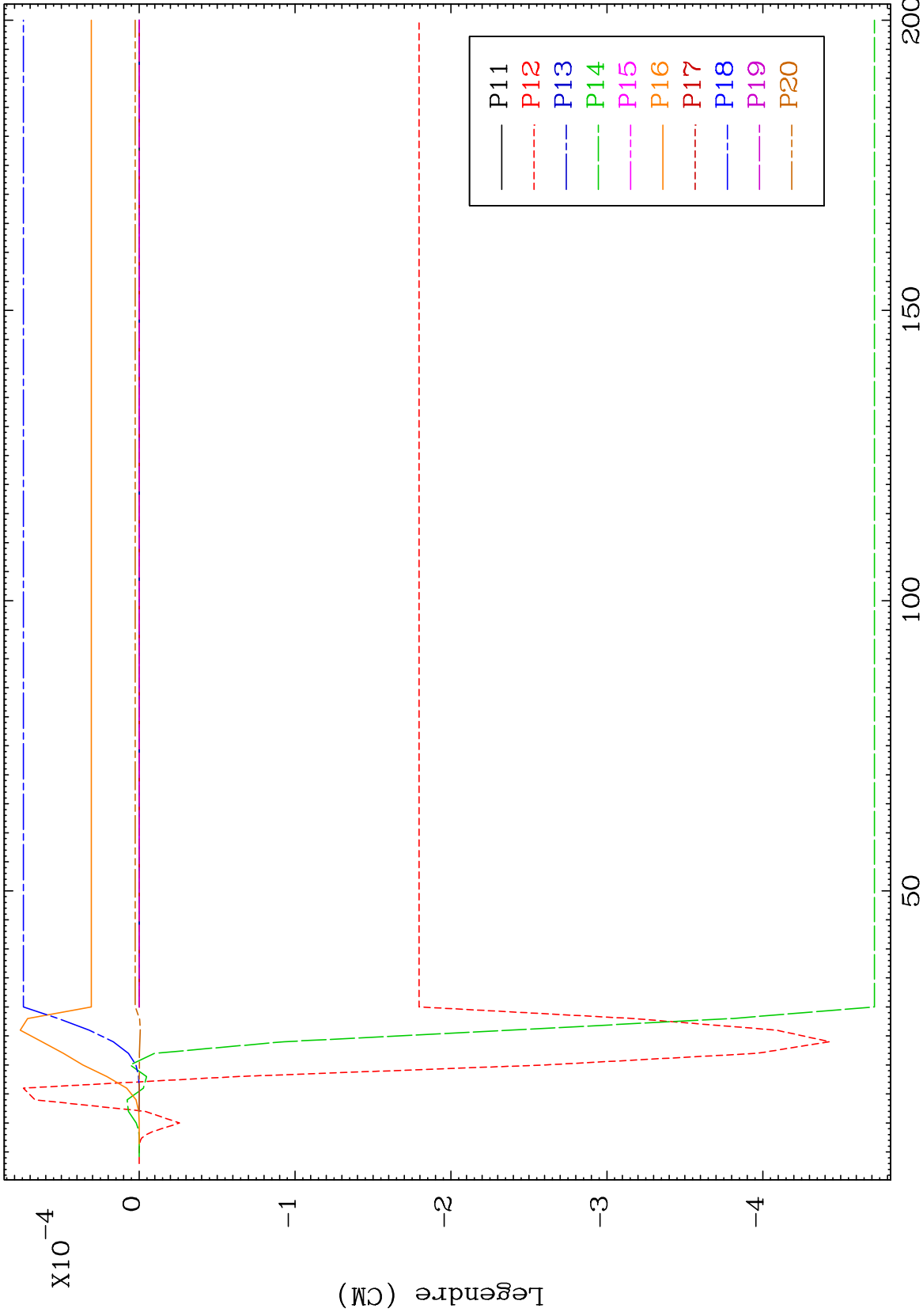
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



81

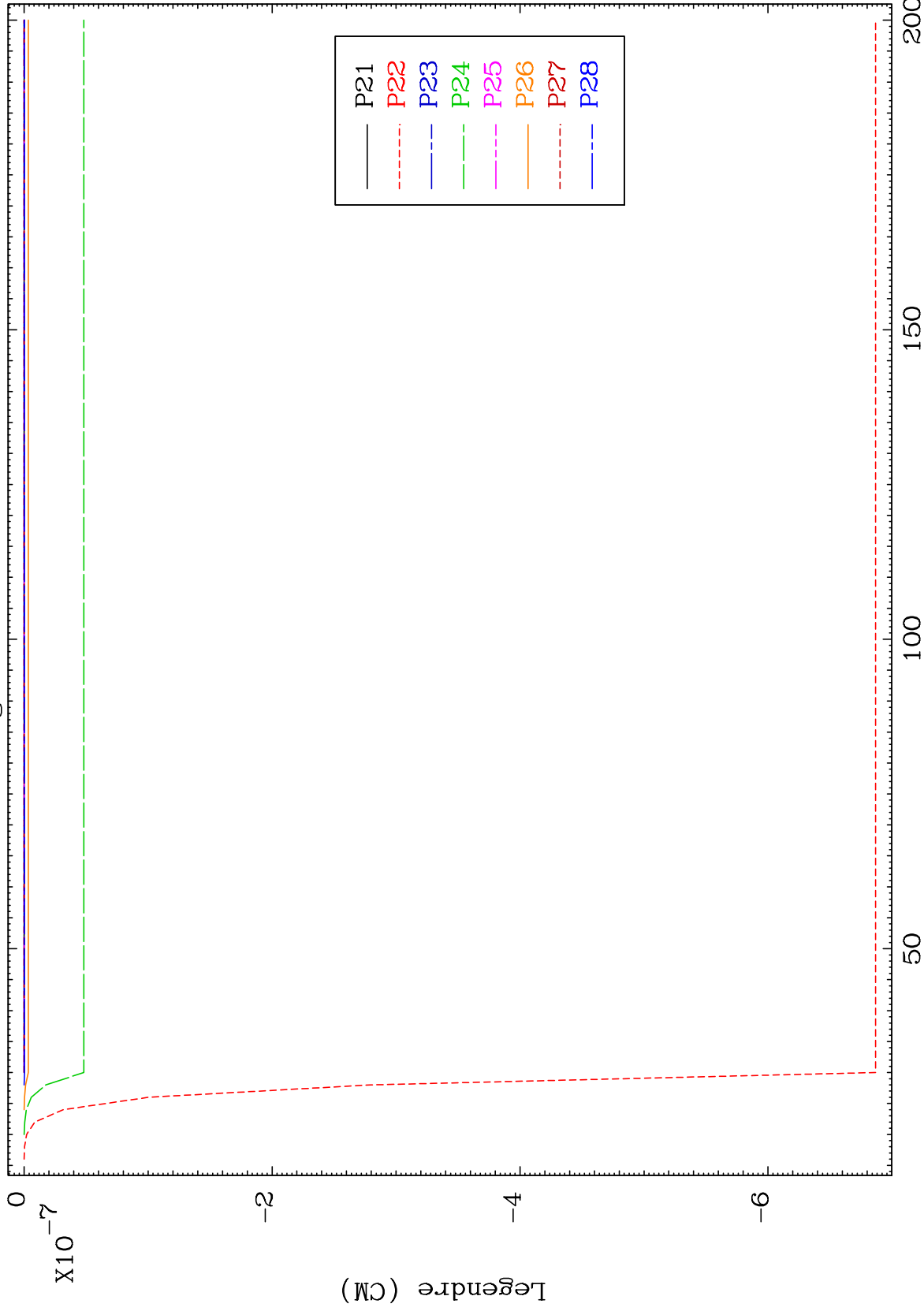
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



82

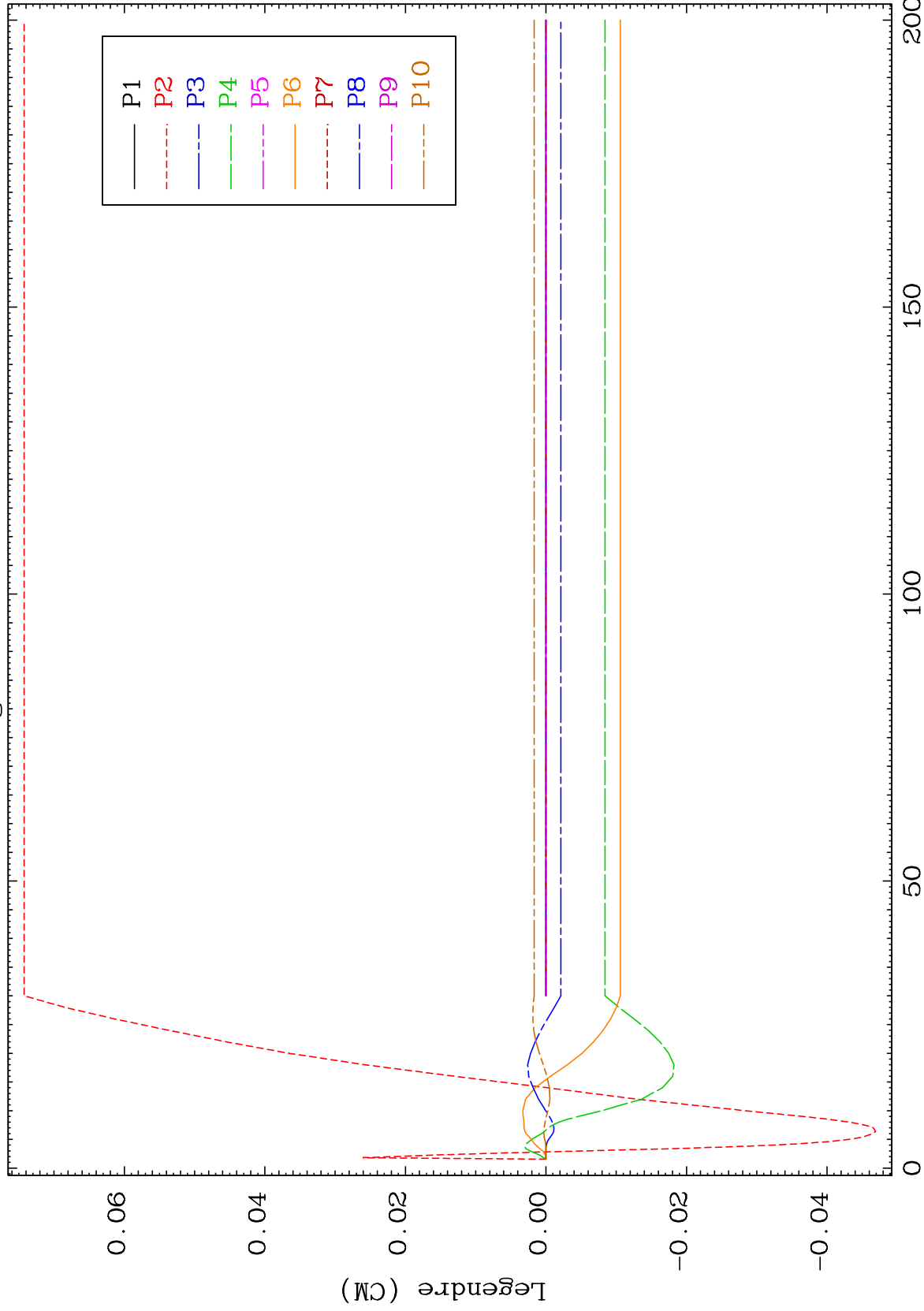
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



83

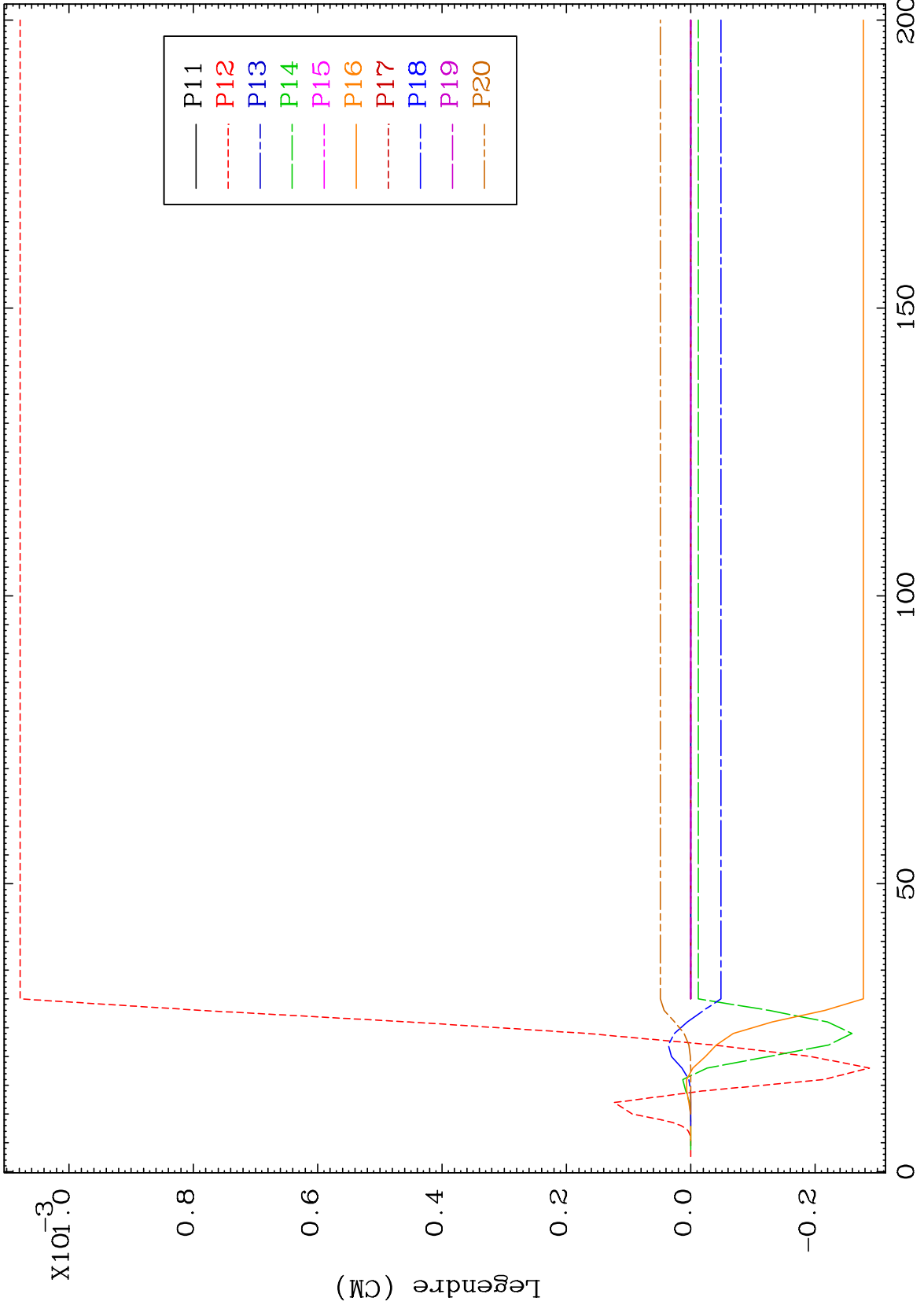
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



84

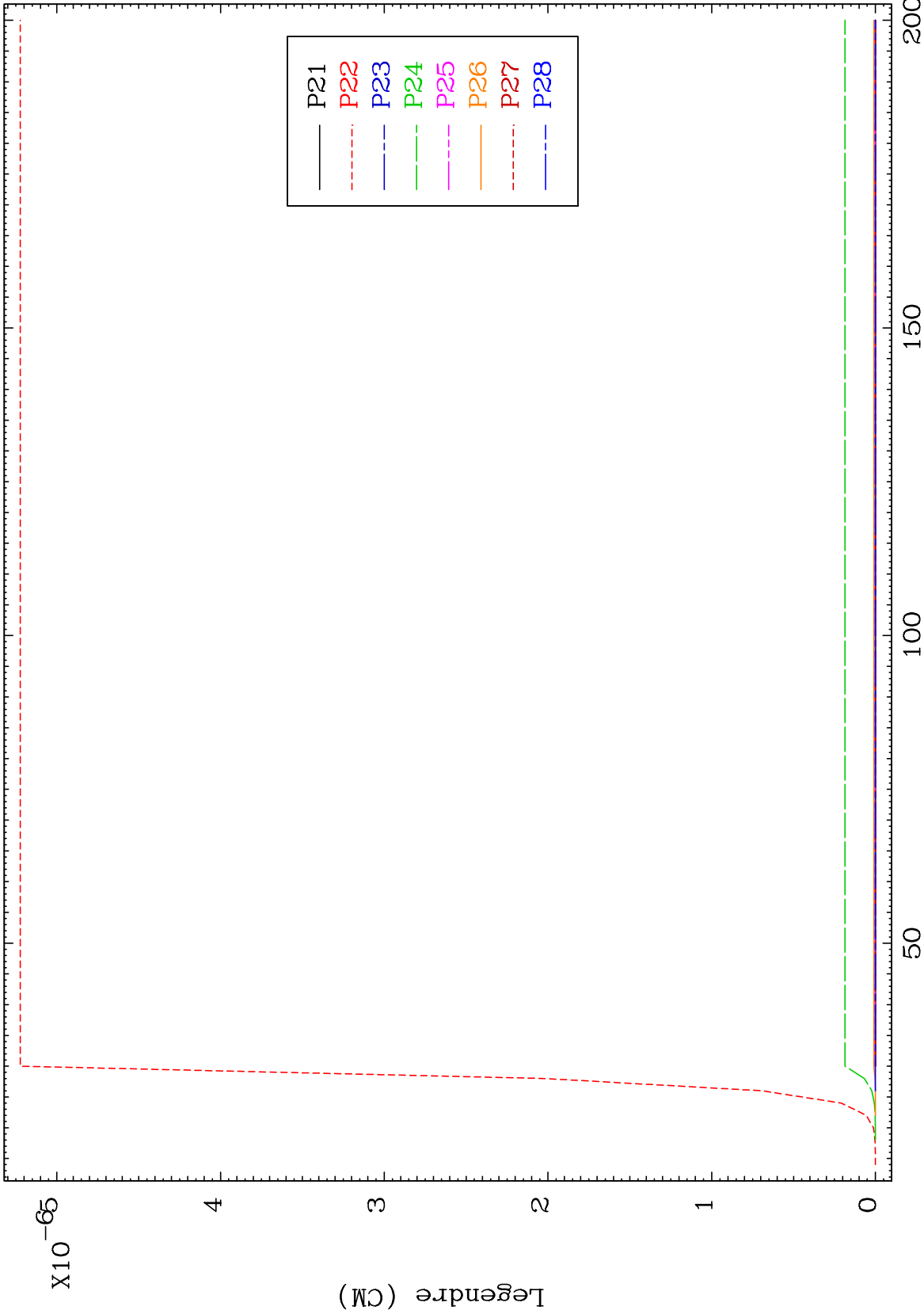
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



85

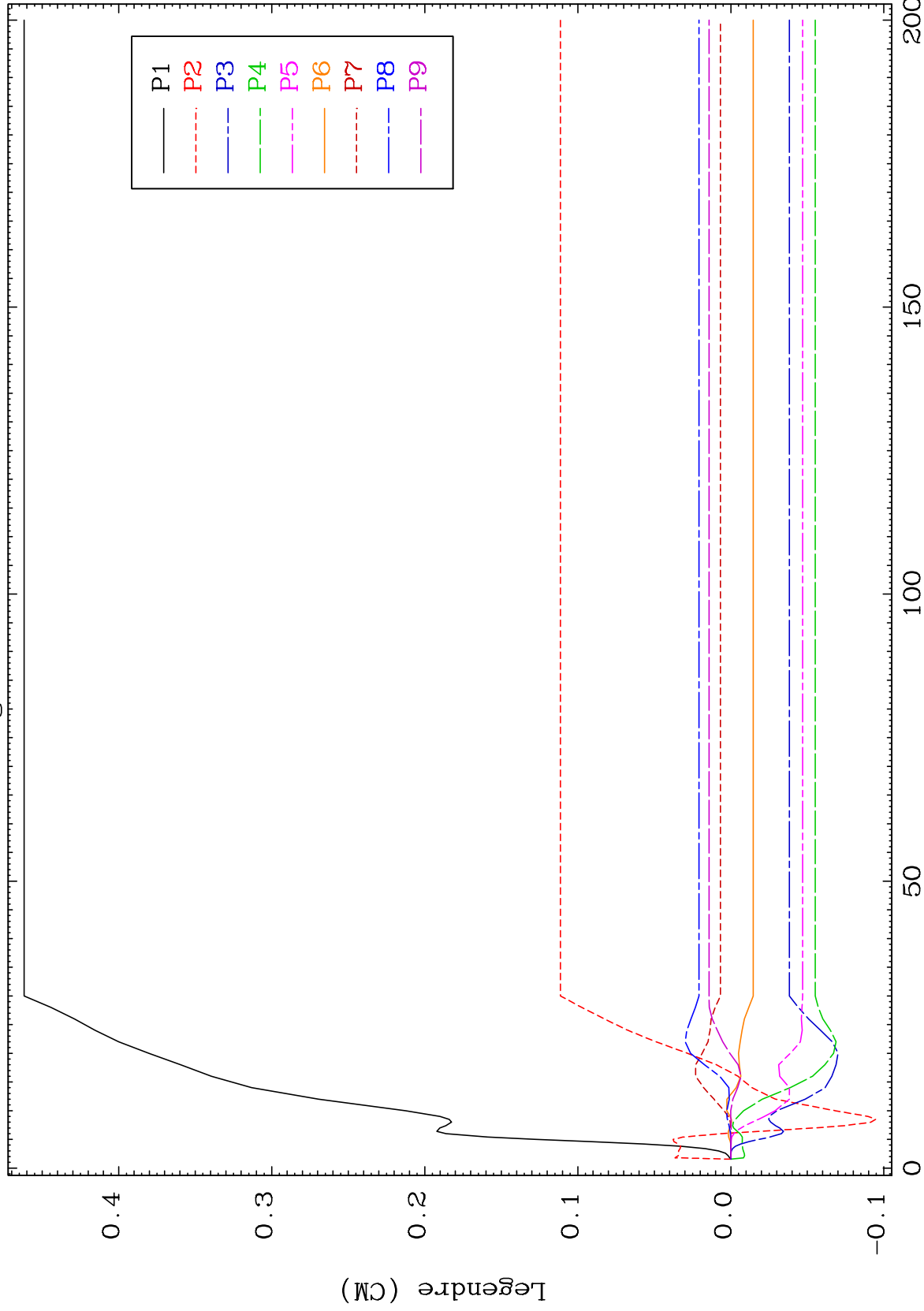
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



86

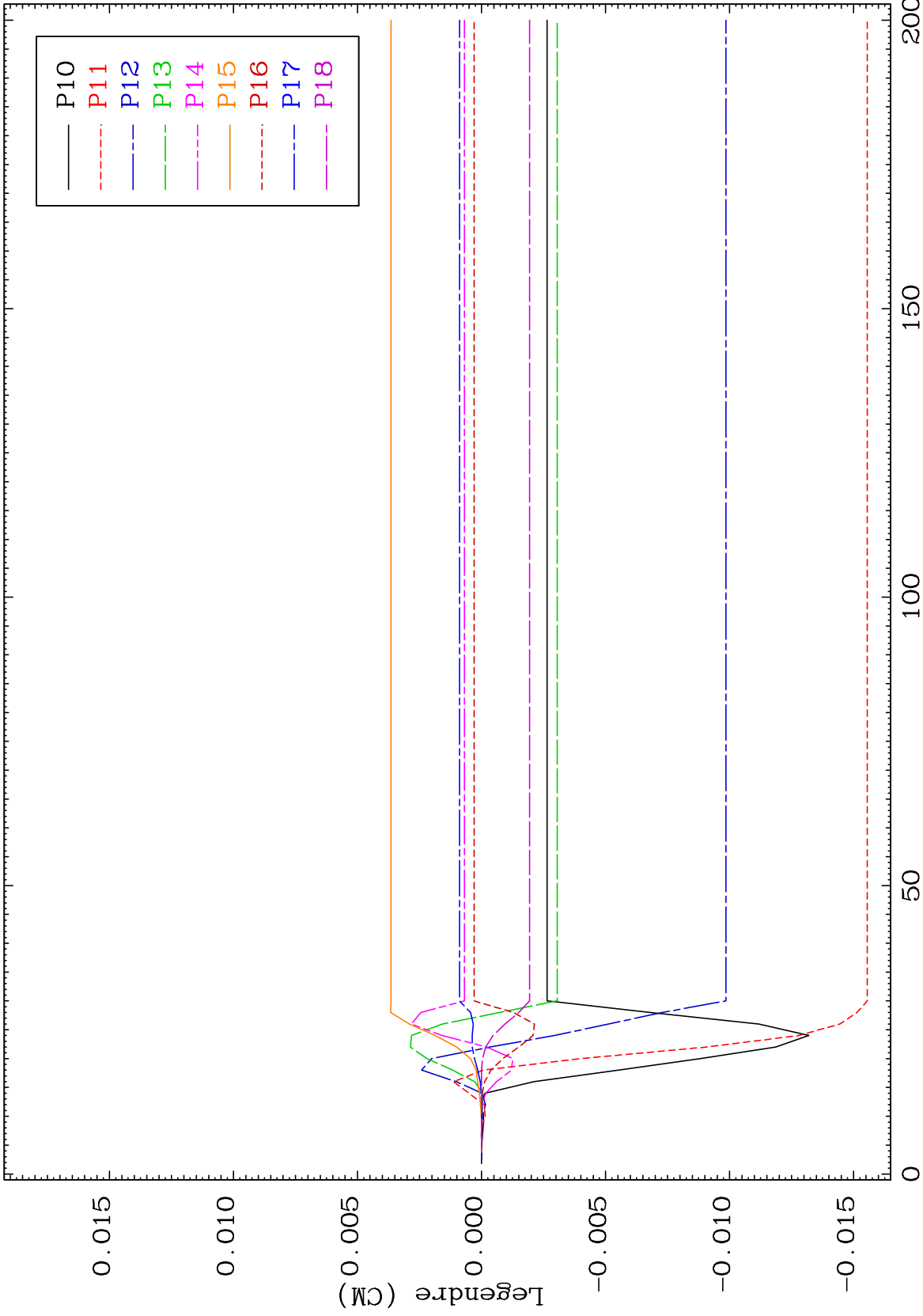
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



87

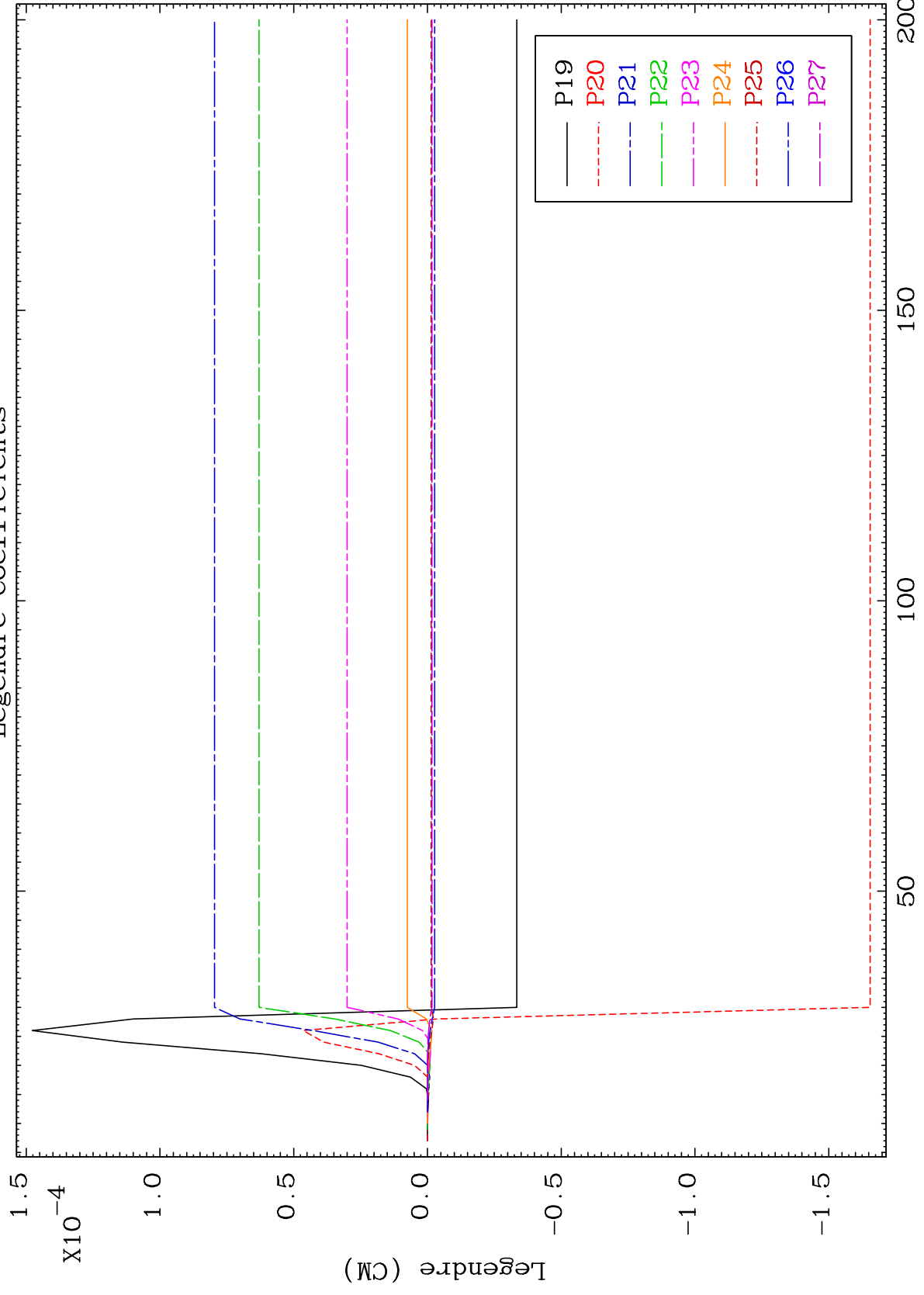
Incident Energy (MeV)

74-W -188

MAT 7449

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

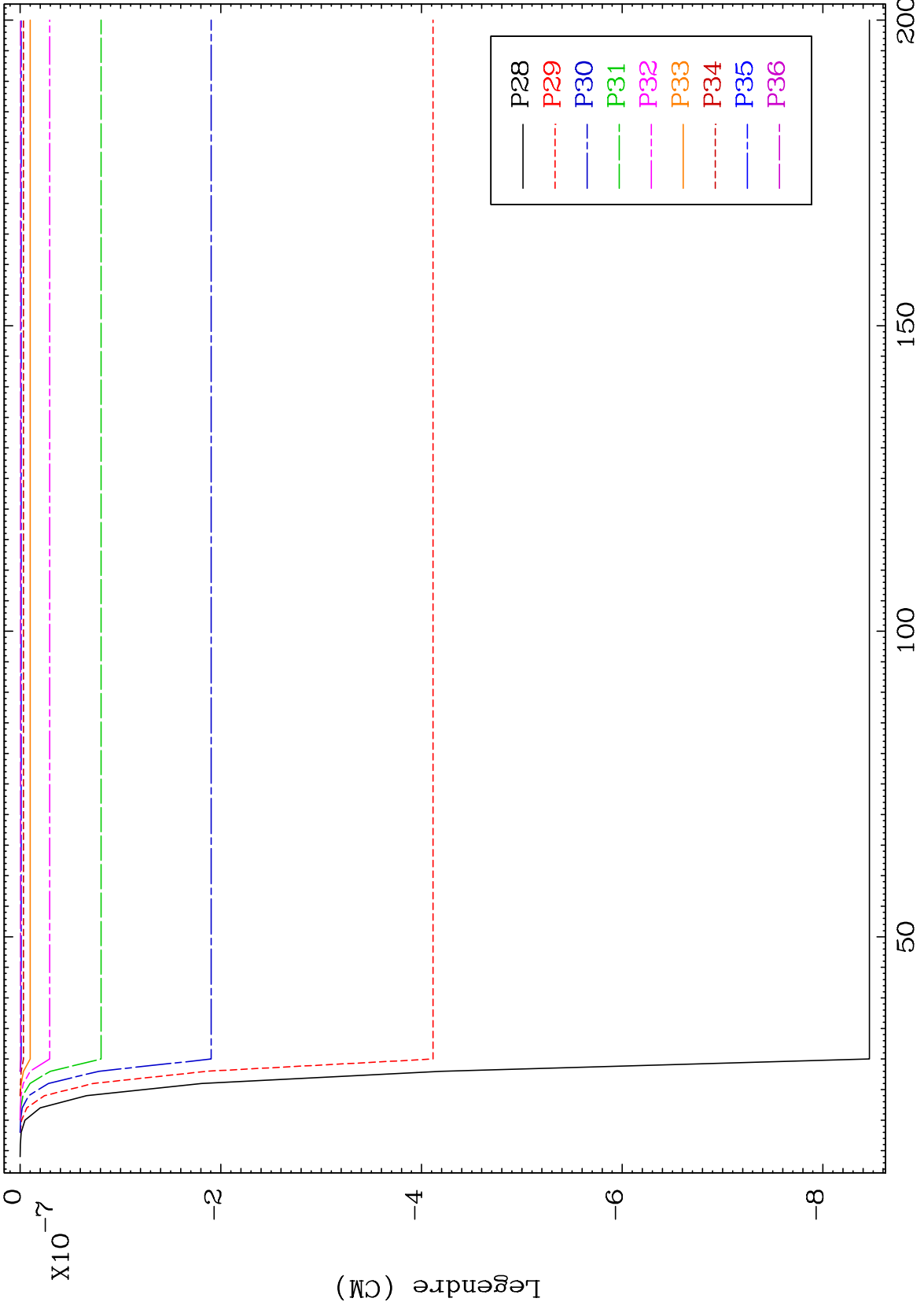
74-W -188



88

74-W -188

MAT 7449 MT= 69 (n,n') Level Legendre Coefficients 74-W -188

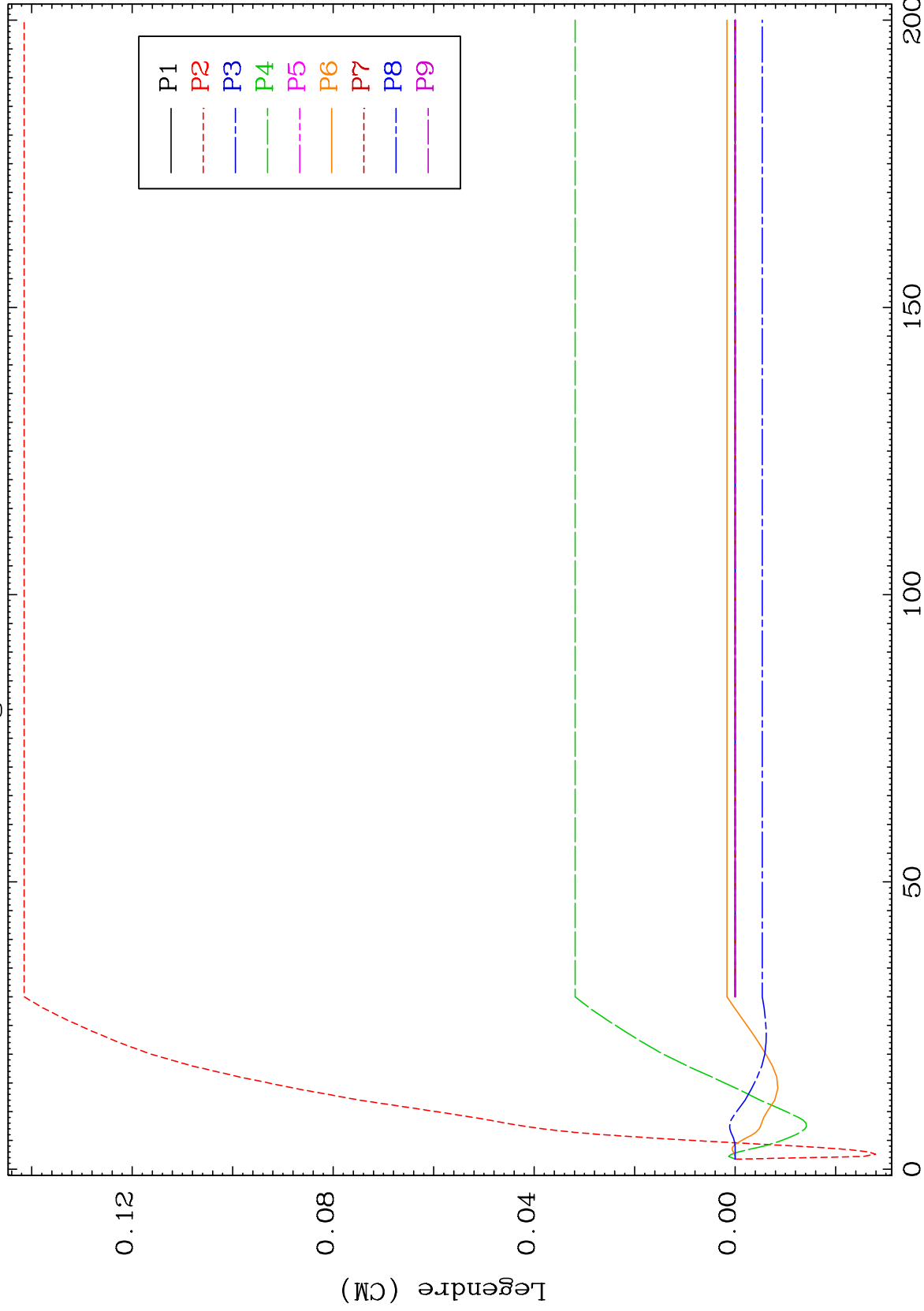


89 74-W -188

MAT 7449

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

74-W -188



90

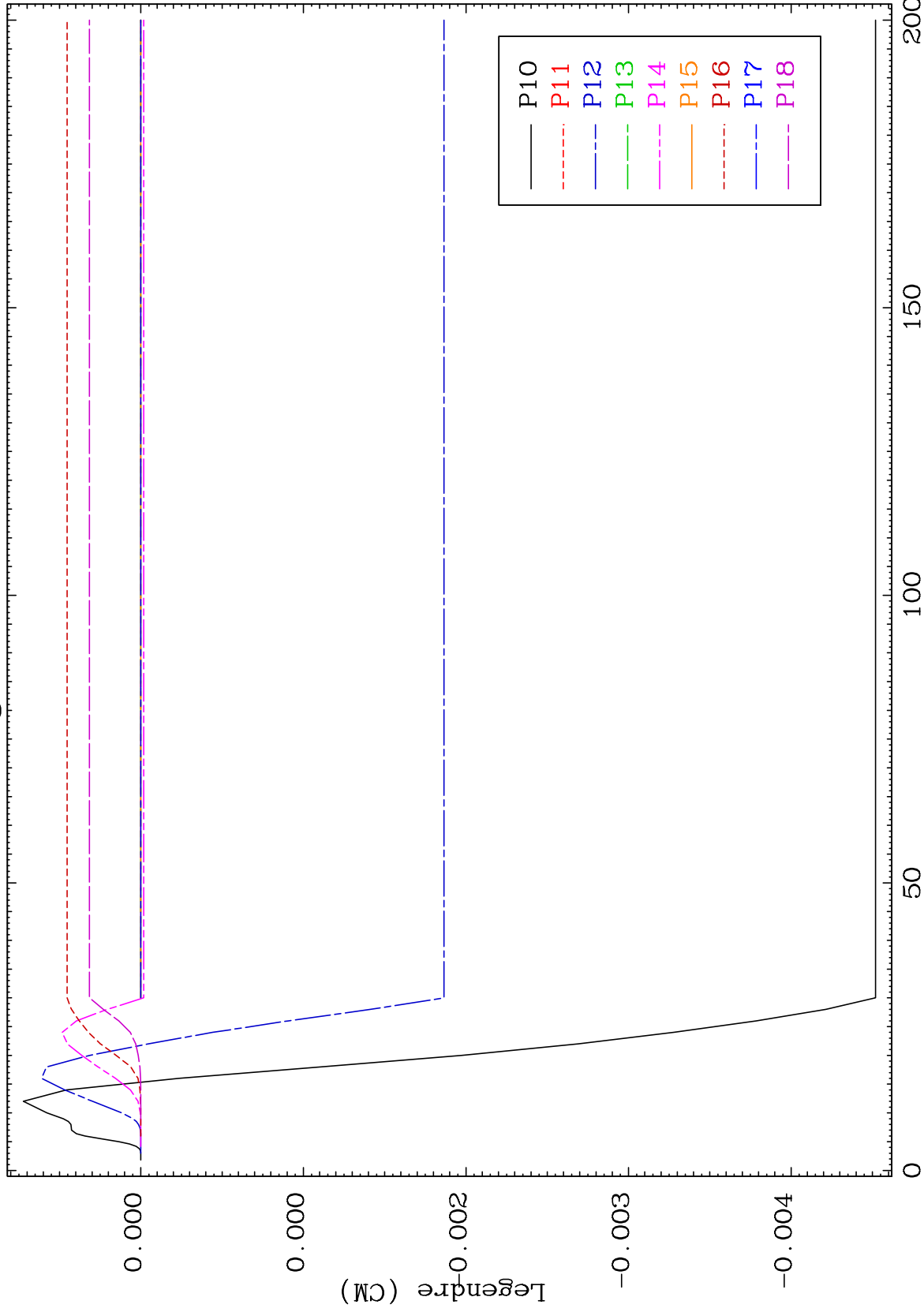
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



91

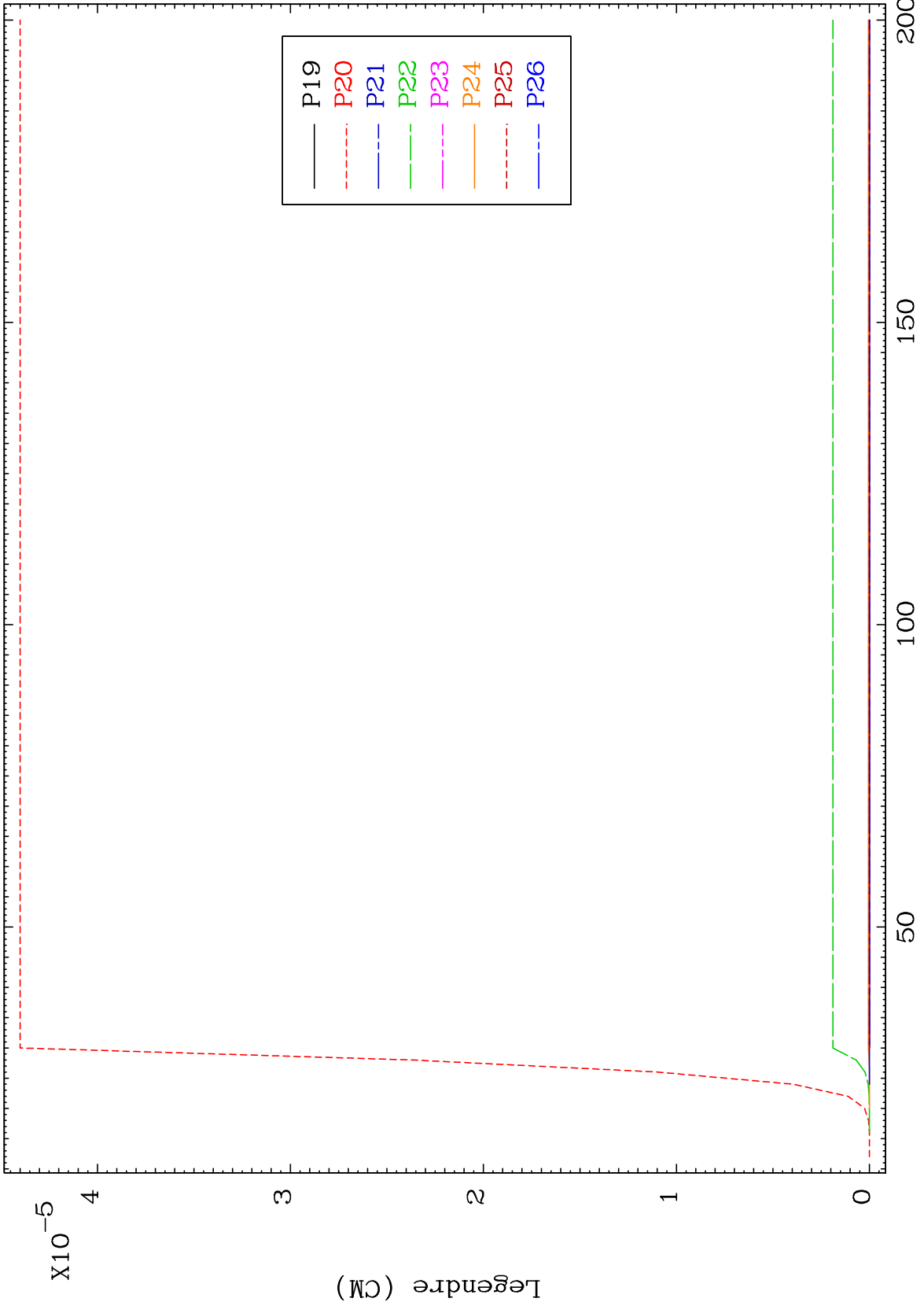
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



92

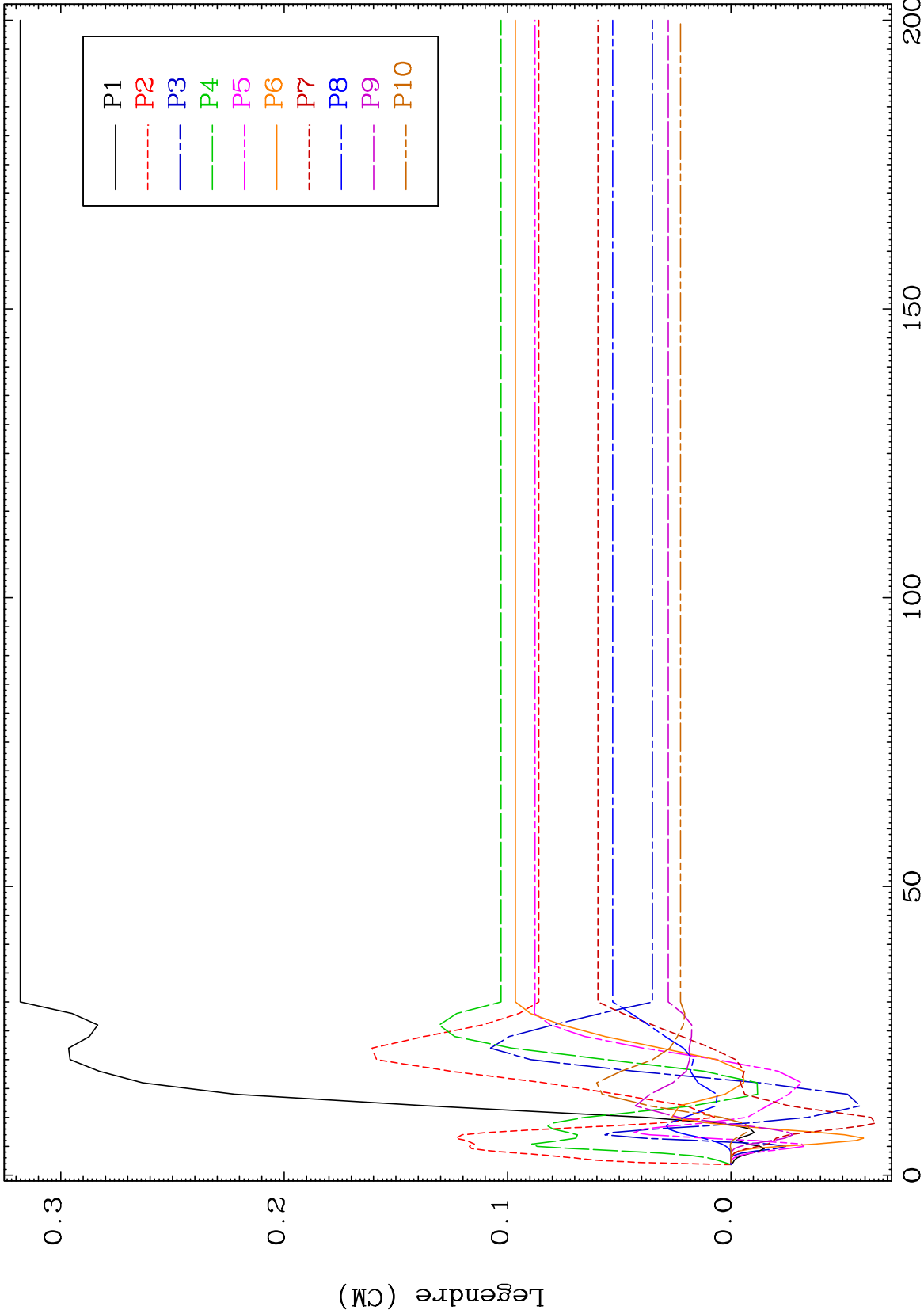
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



93

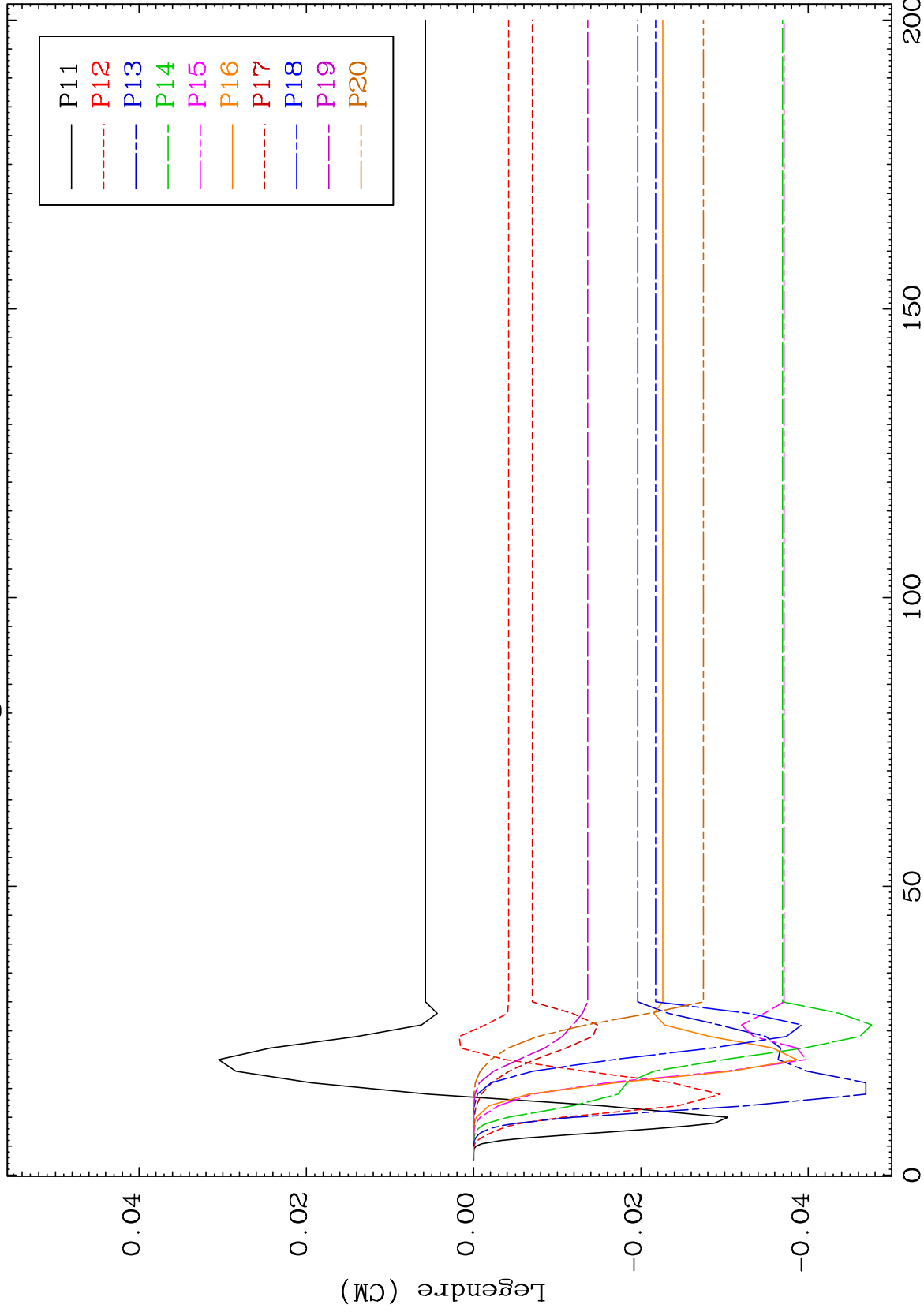
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188

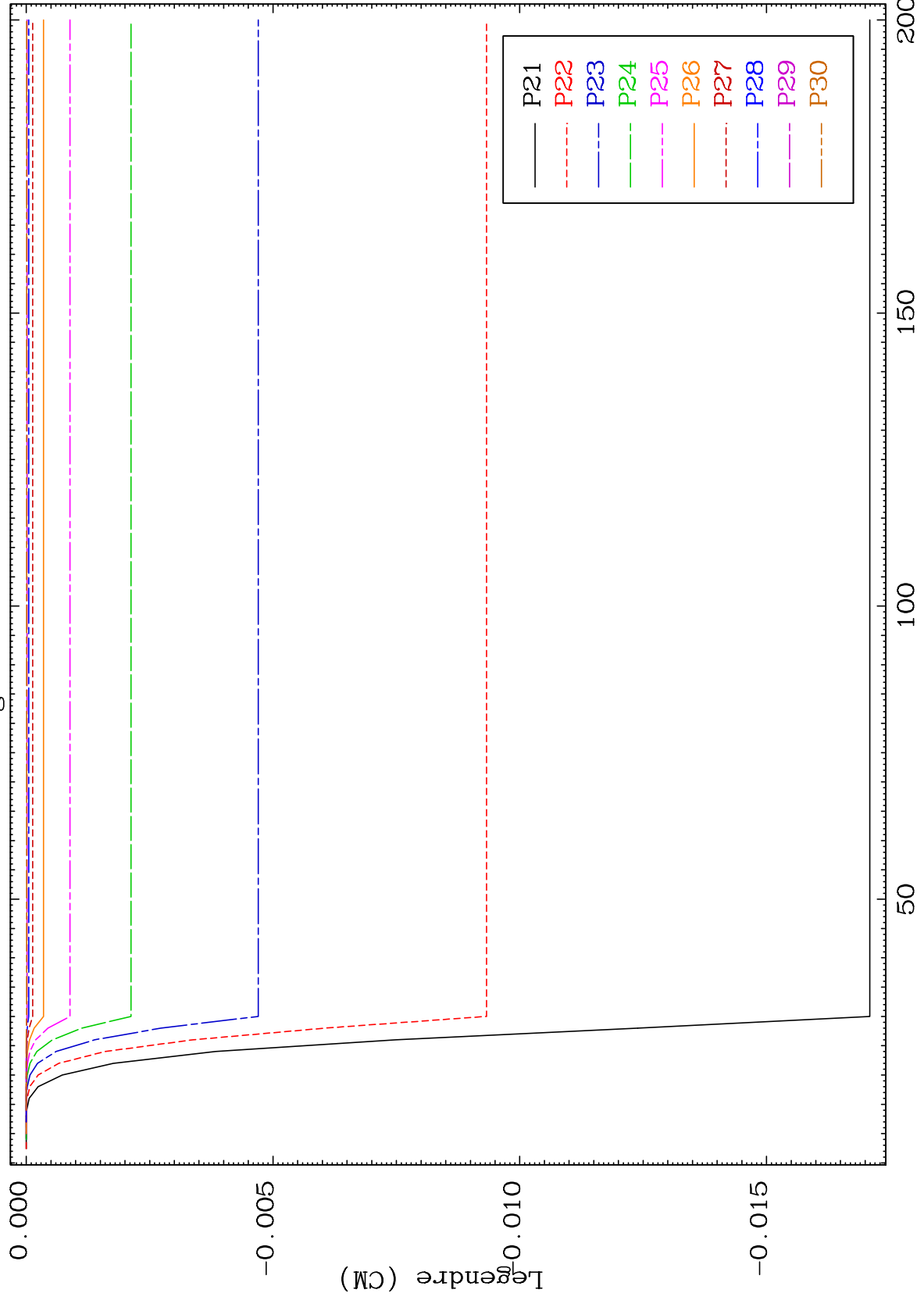


94

Incident Energy (MeV)

74-W -188

MAT 7449 MT= 71 (n,n') Level Legendre Coefficients 74-W -188

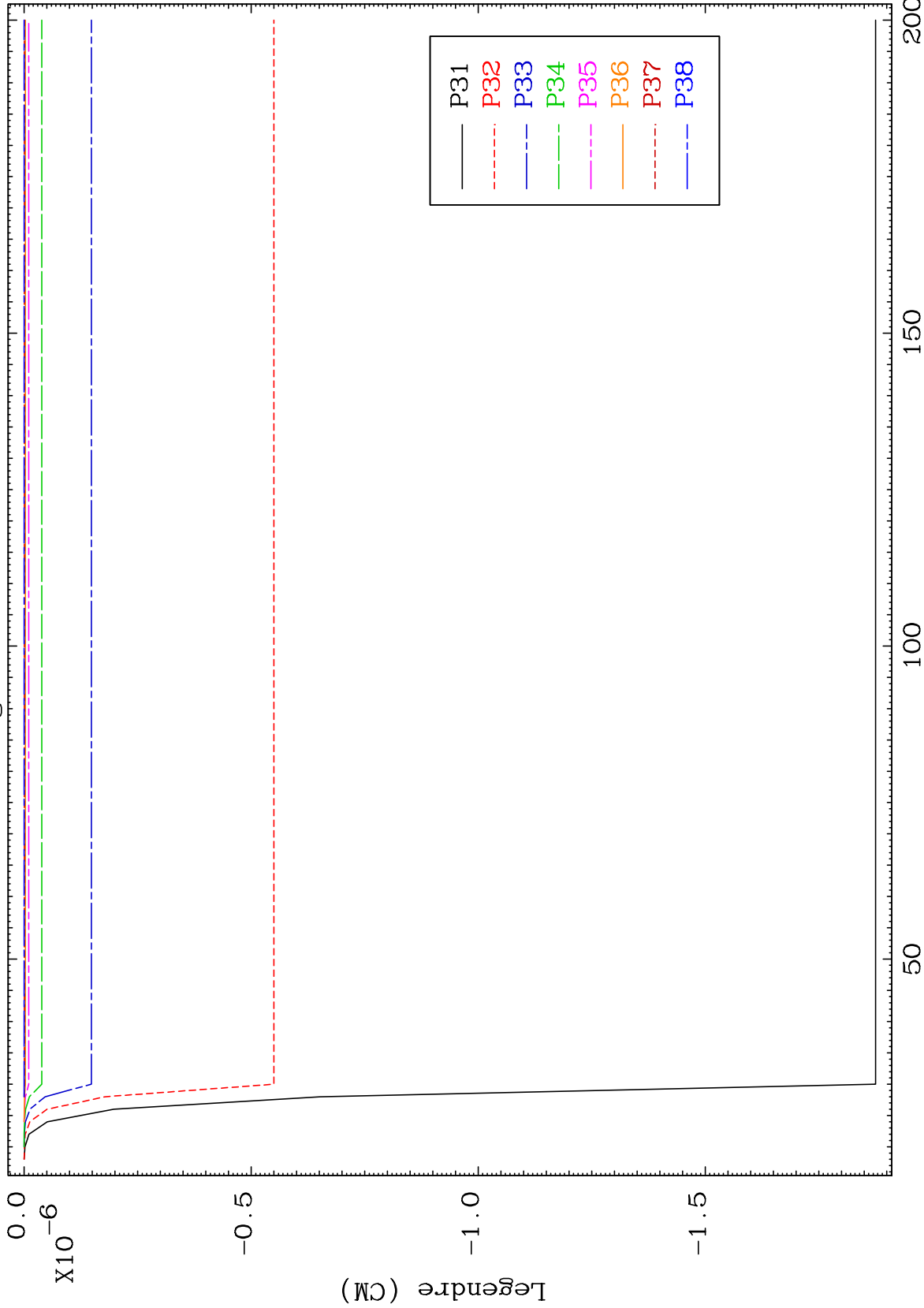


95 74-W -188

MAT 7449

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

74-W -188



96

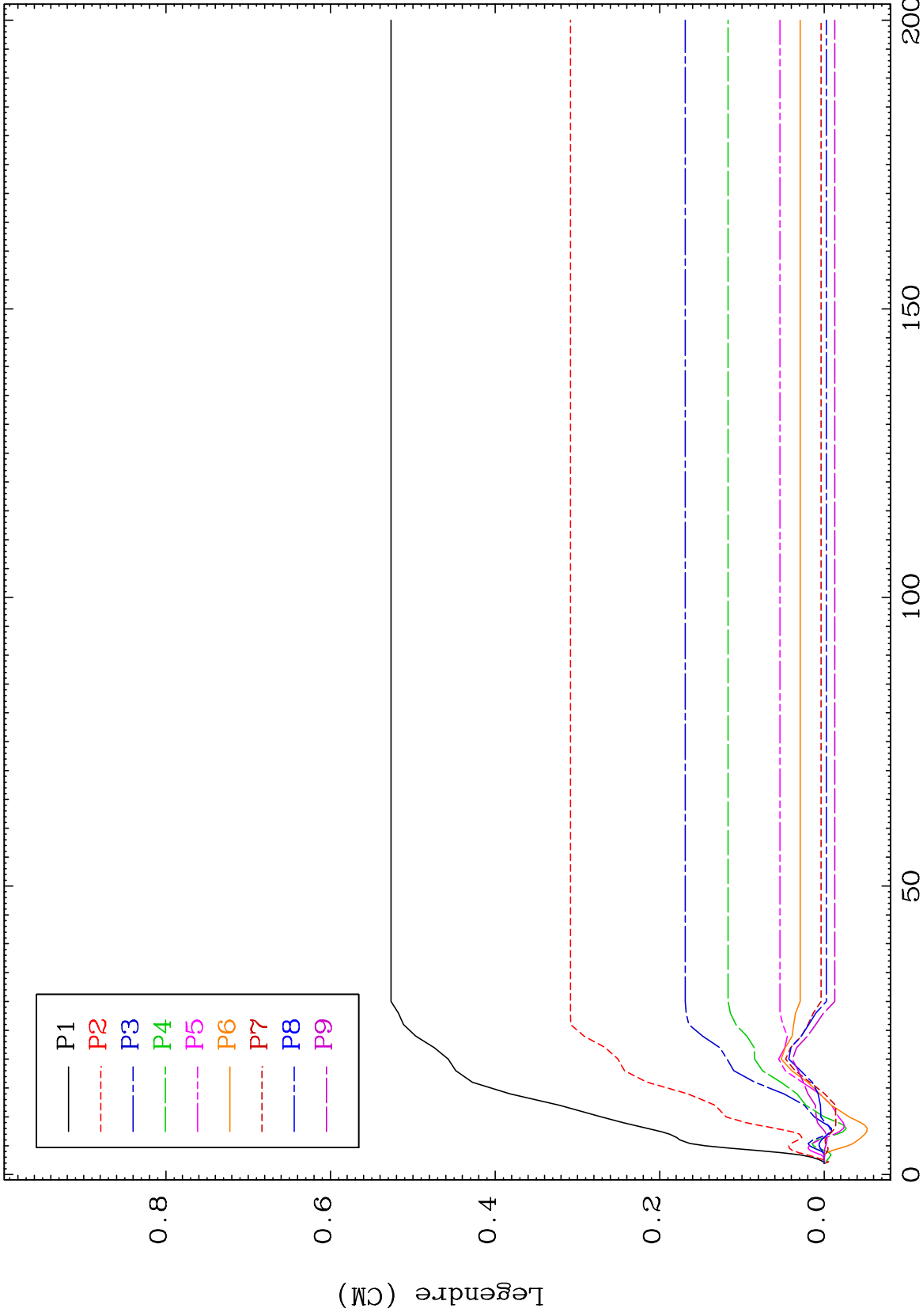
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



97

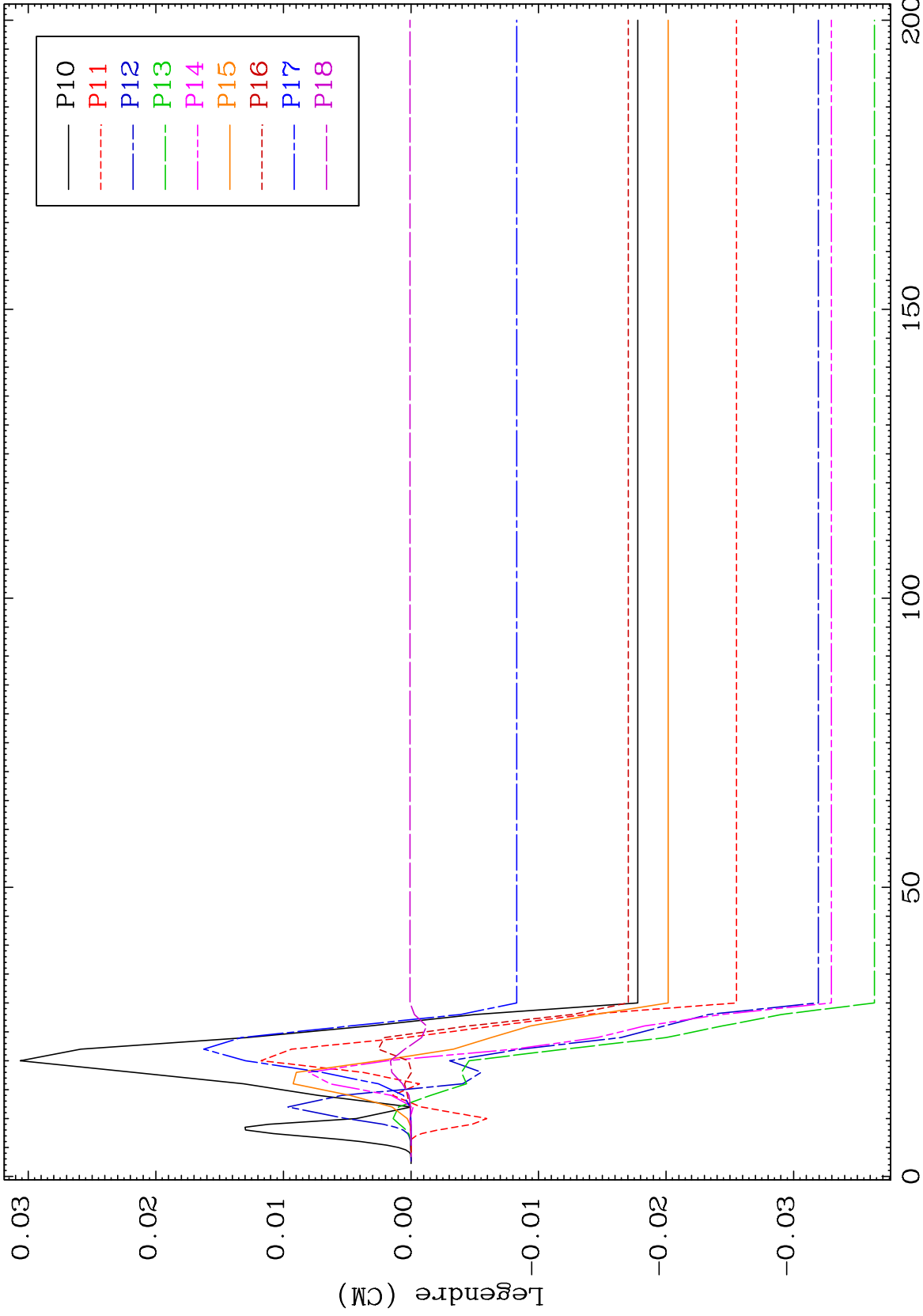
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



98

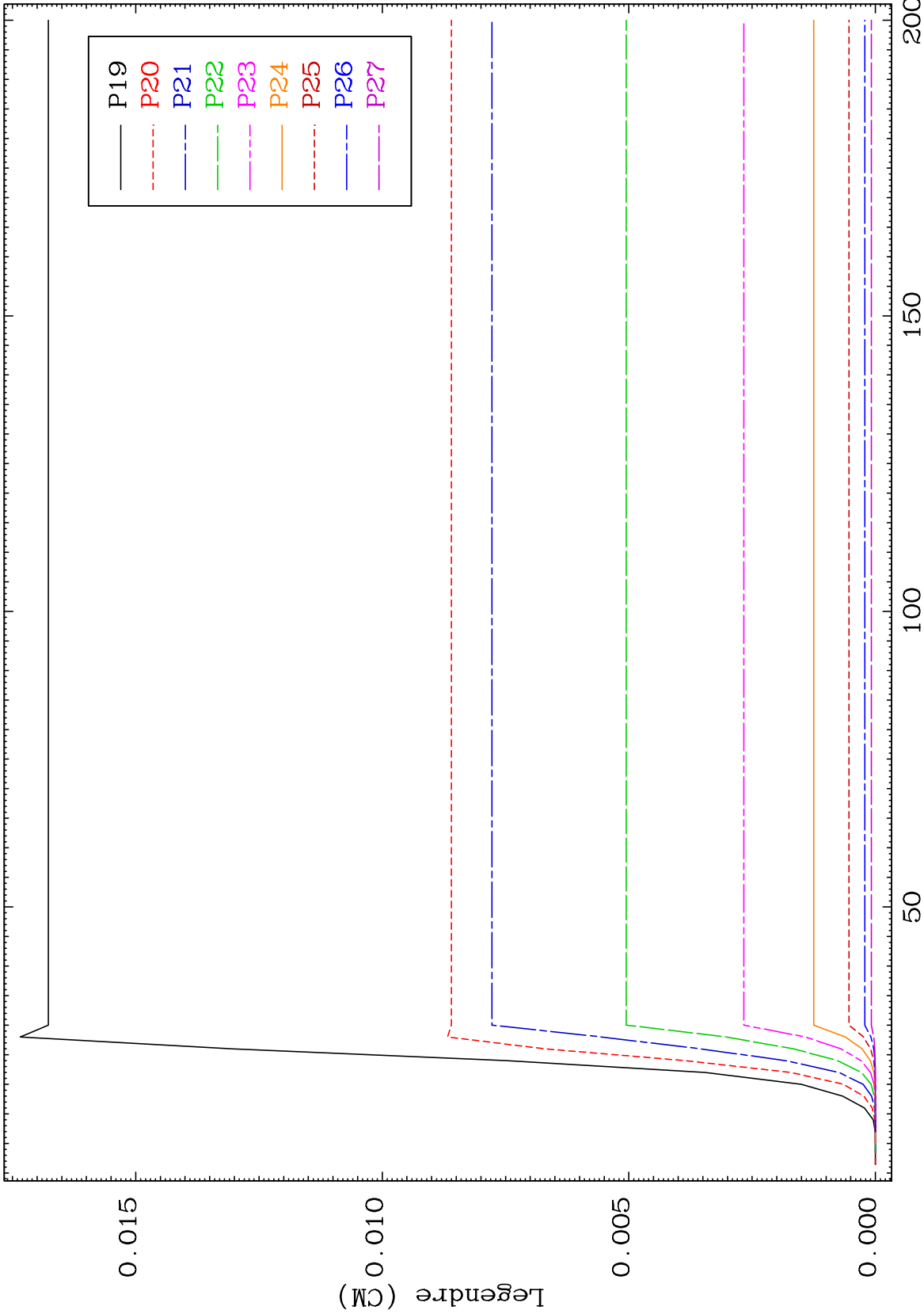
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



99

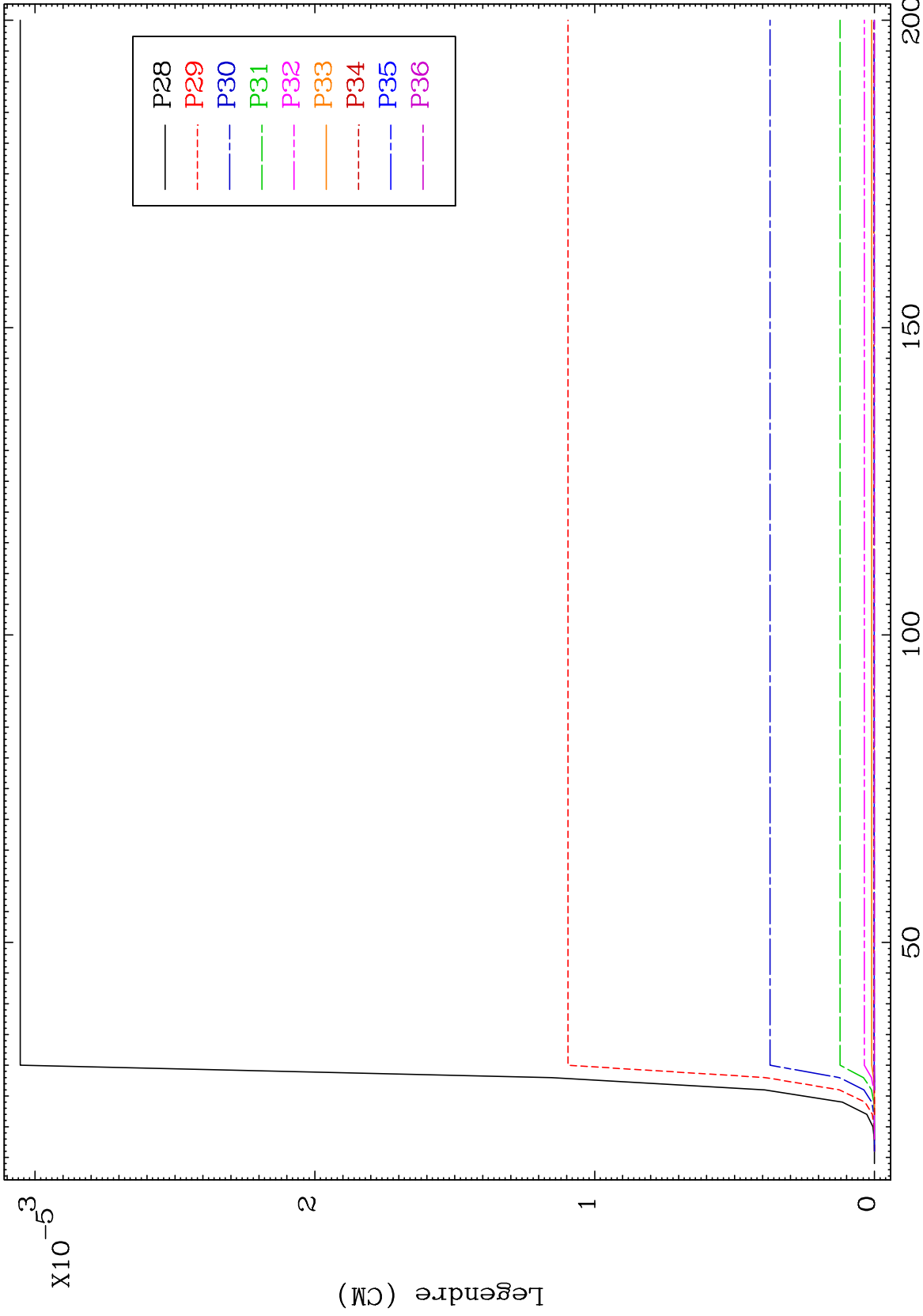
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



100

50

100

150

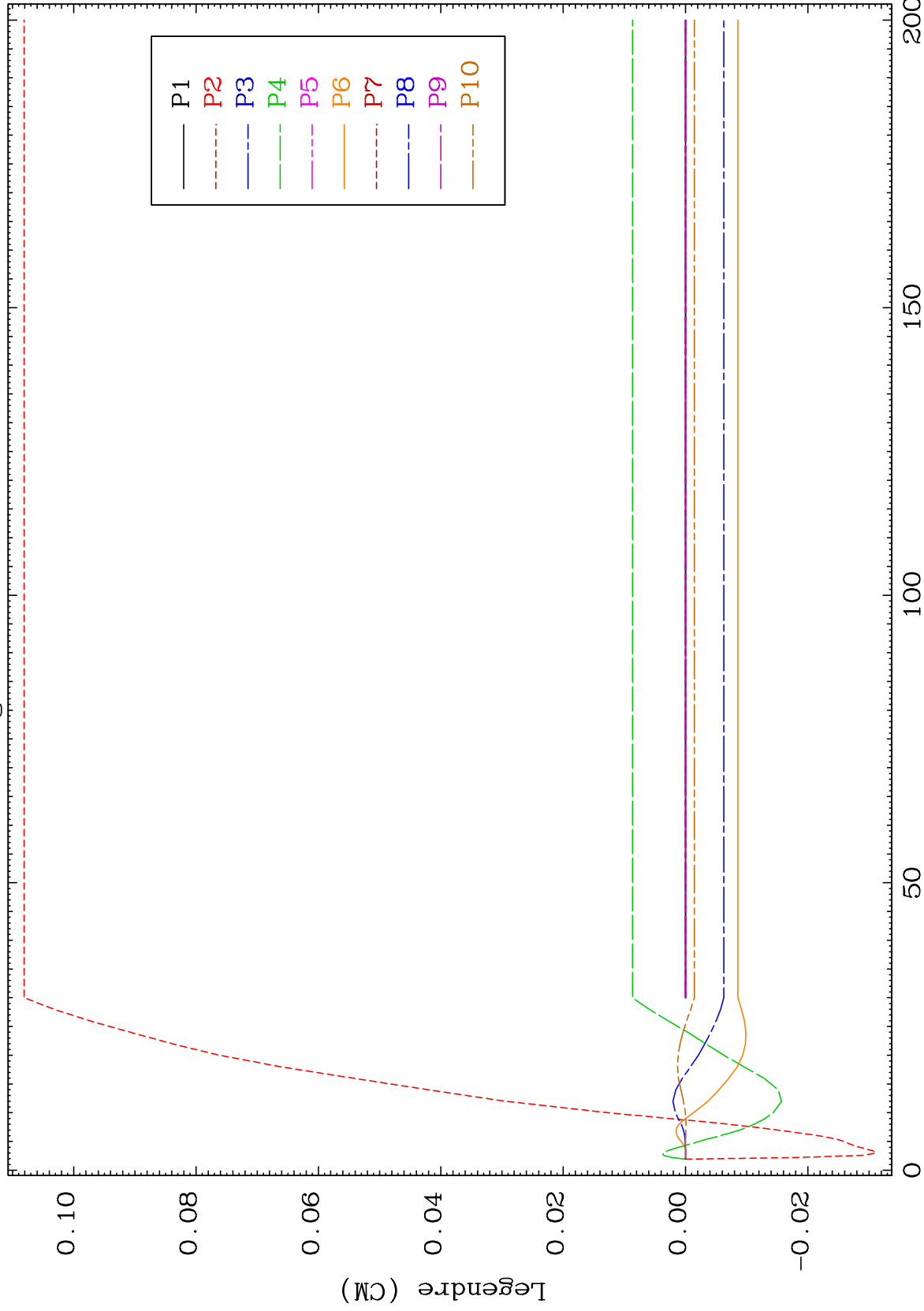
200

74-W -188

MAT 7449

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

74-W -188



101

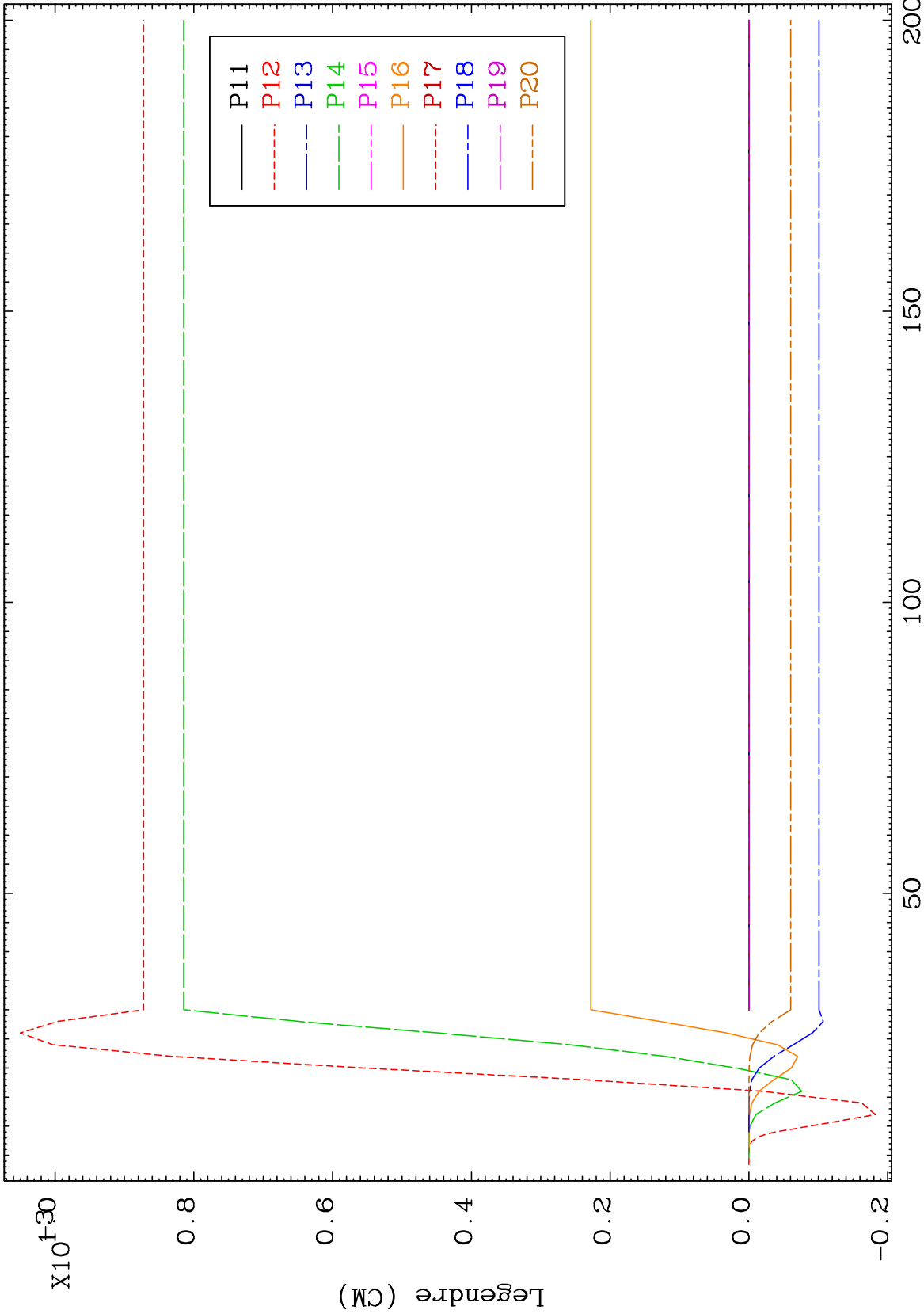
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



102

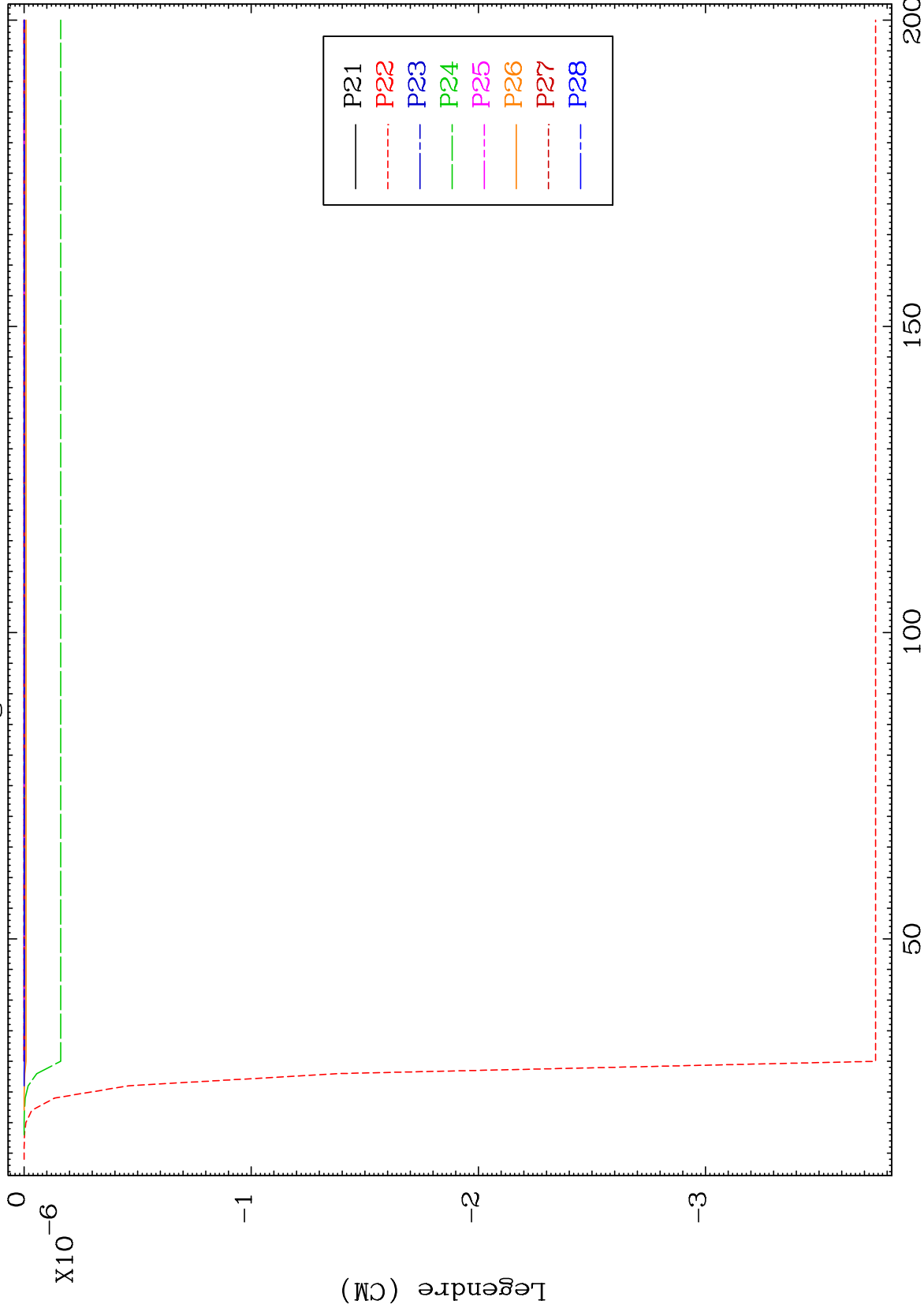
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



103

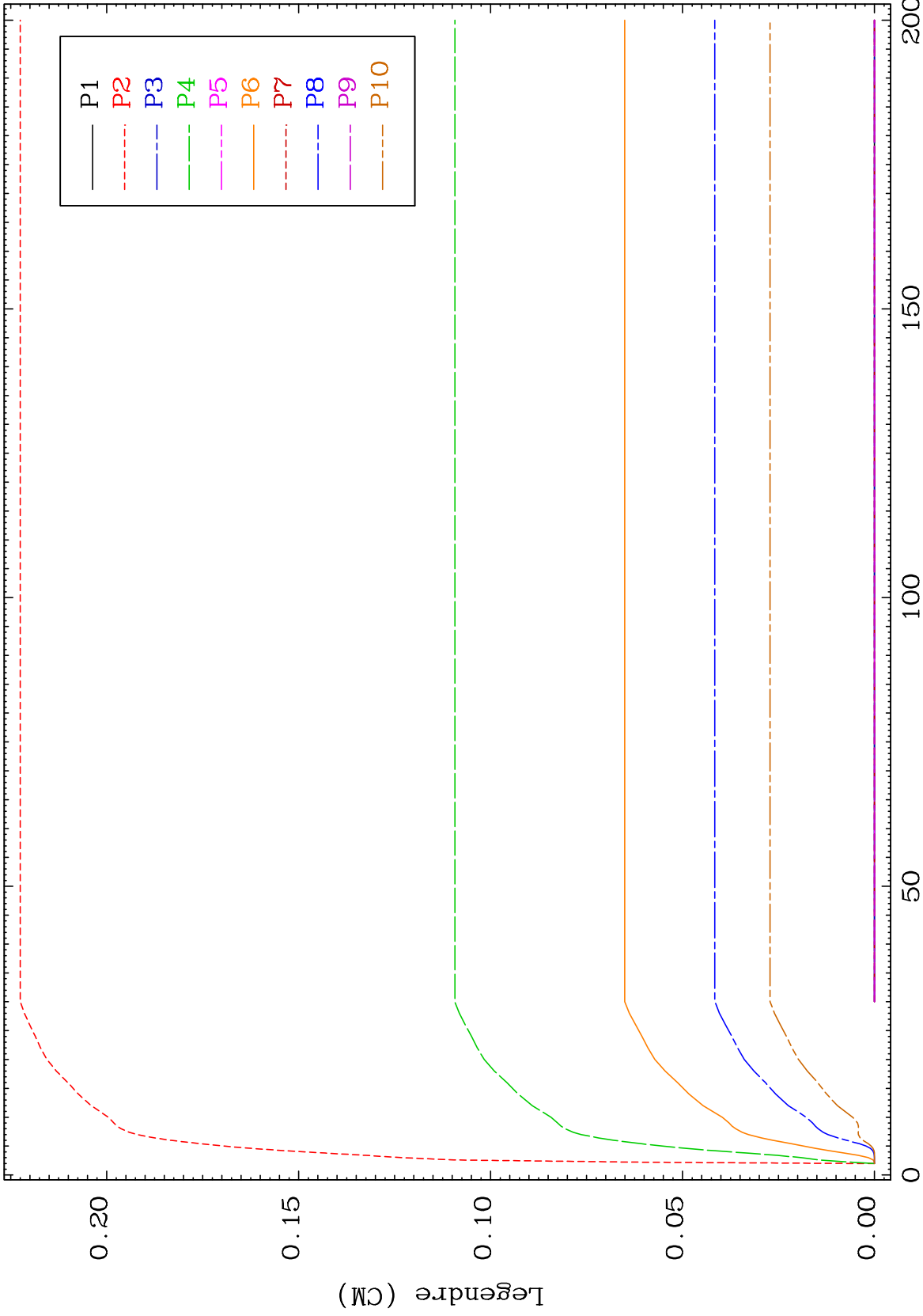
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



104

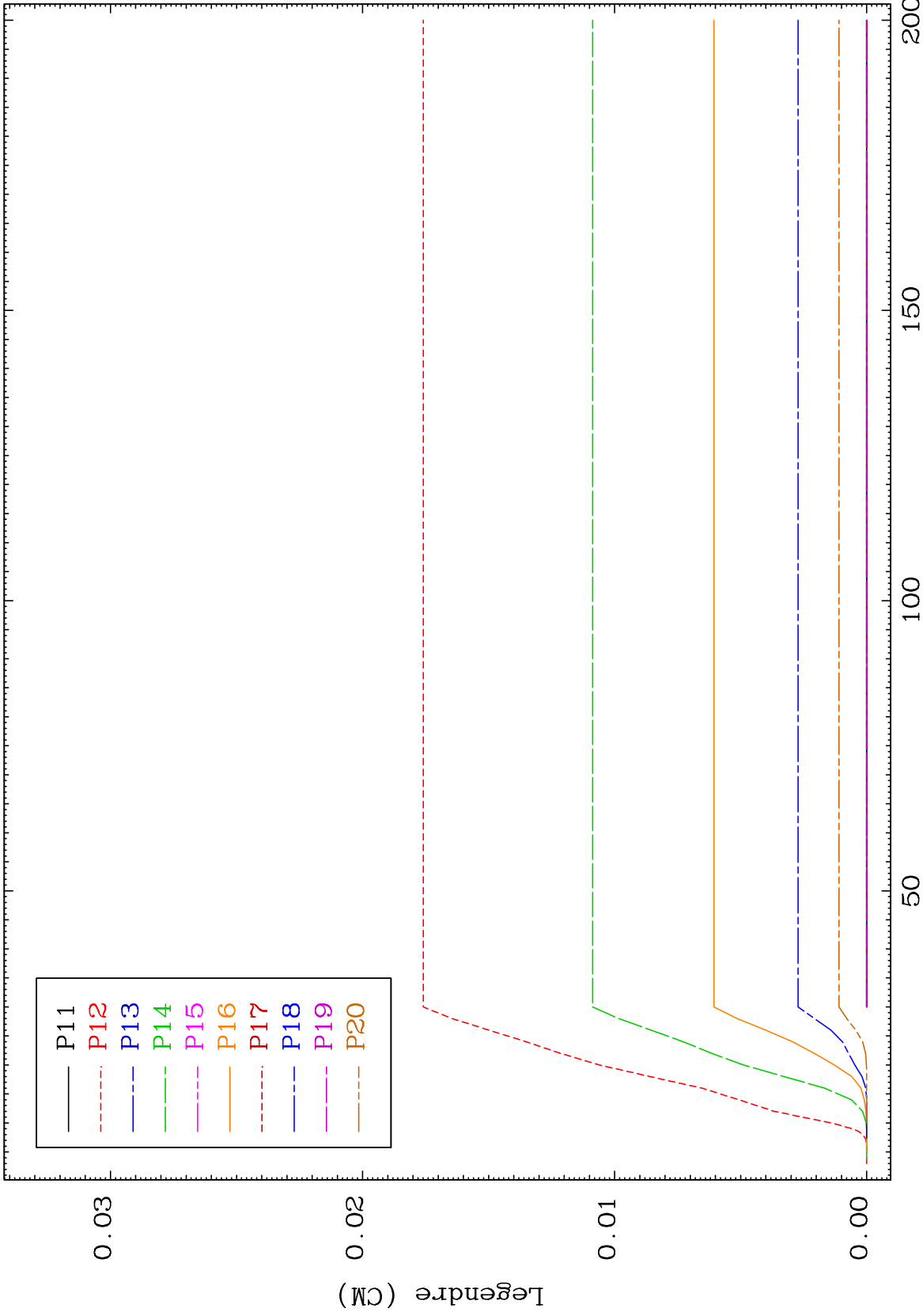
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



105

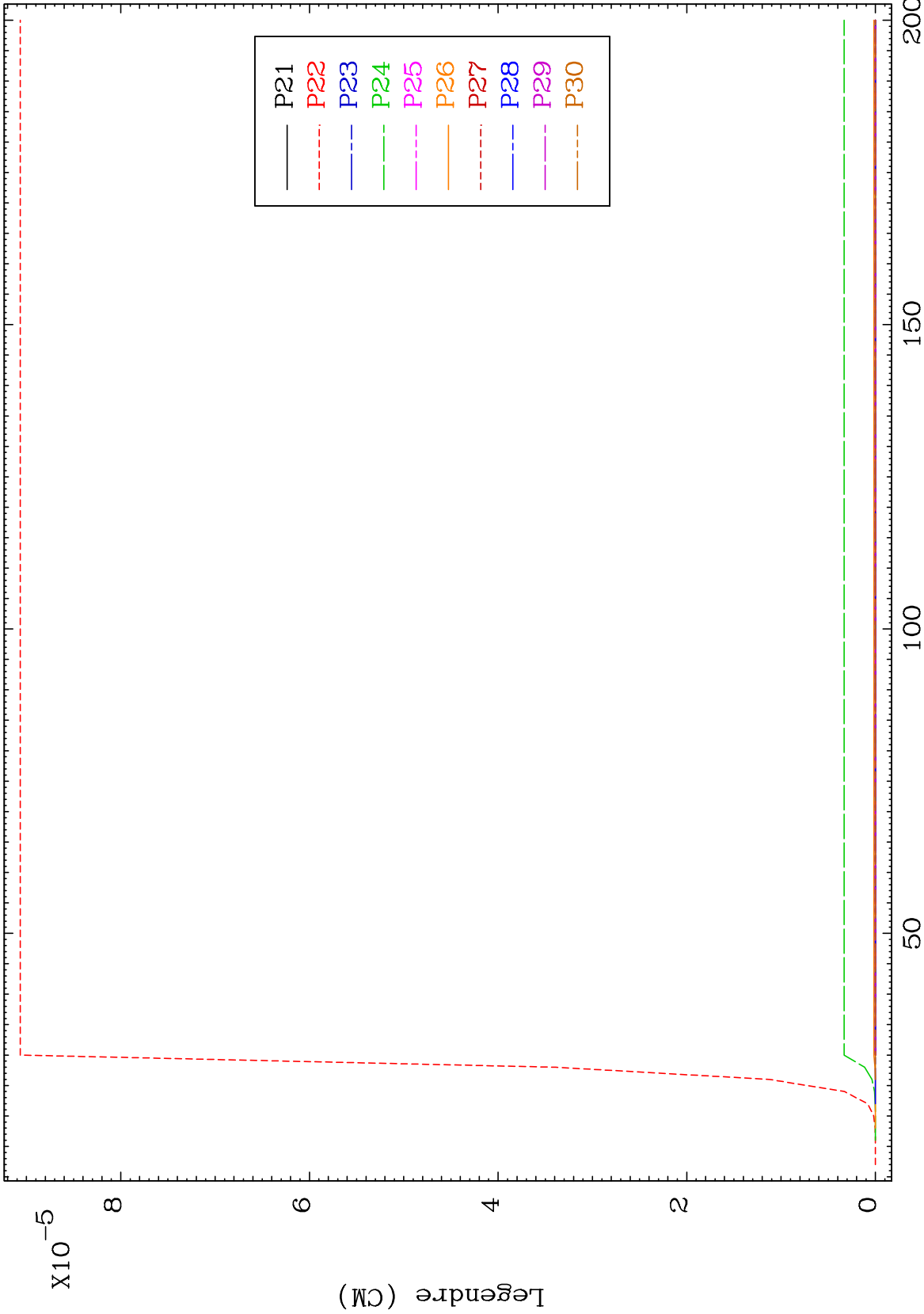
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



106

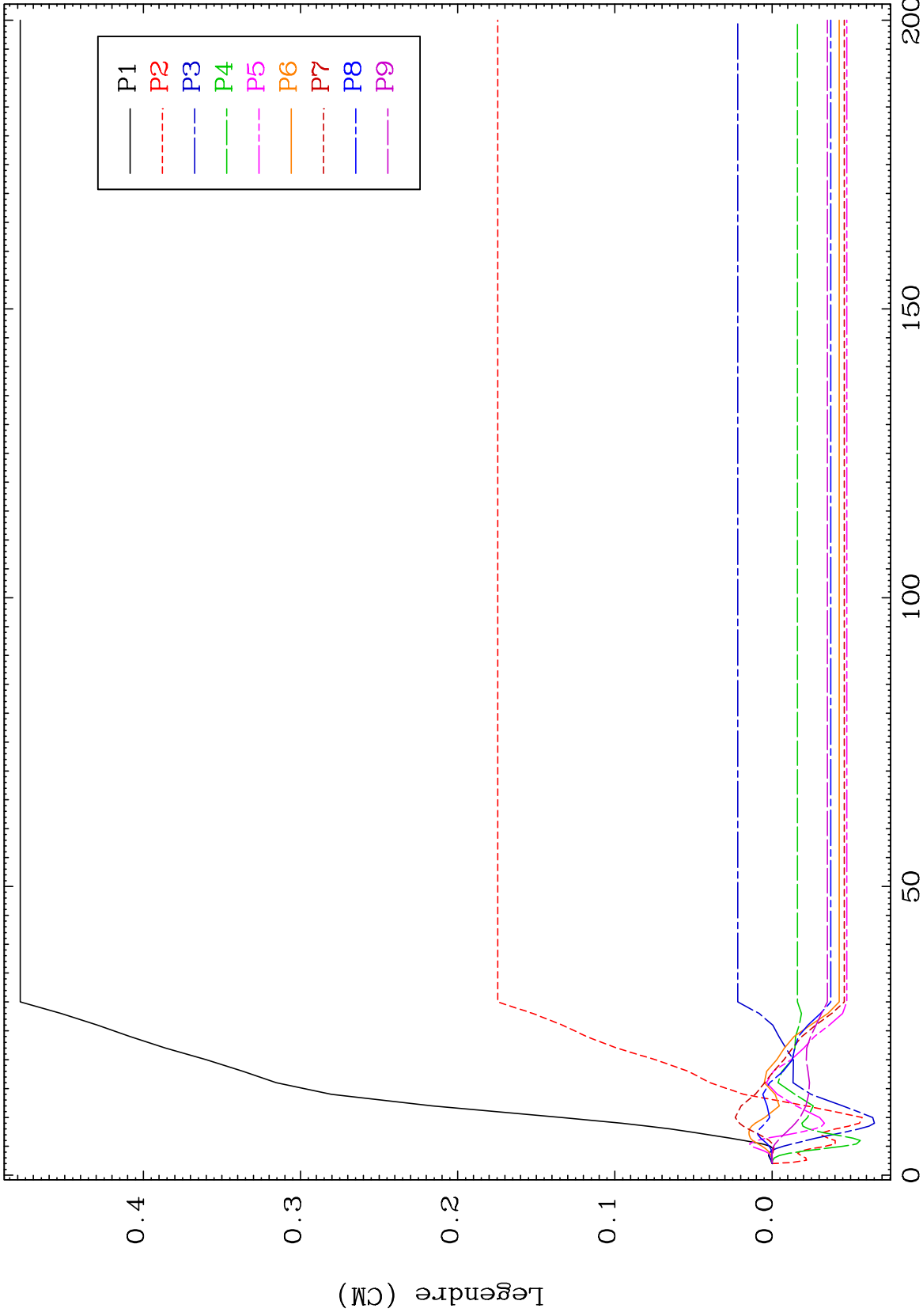
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



107

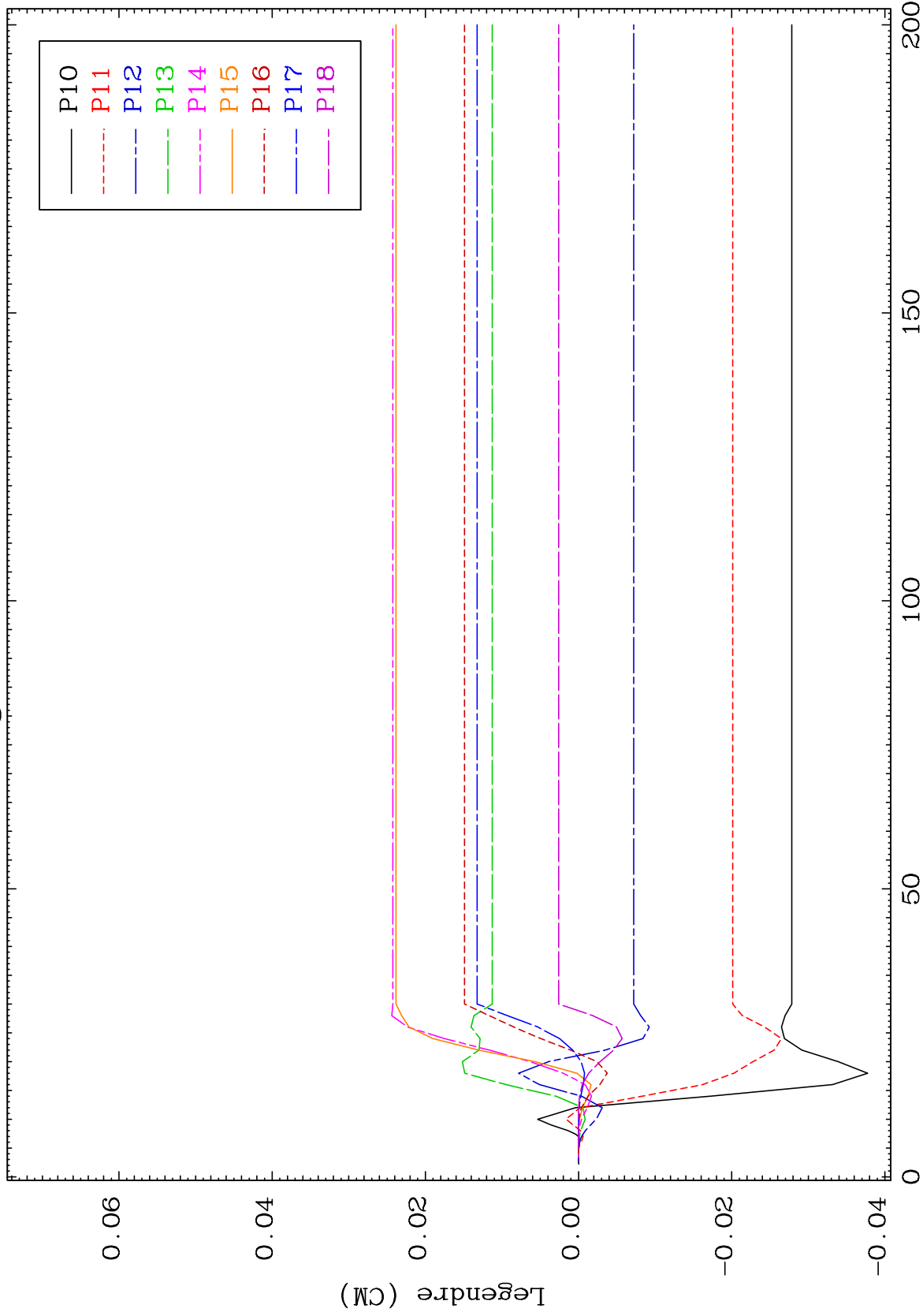
Incident Energy (MeV)

74-W -188

MAT 7449

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

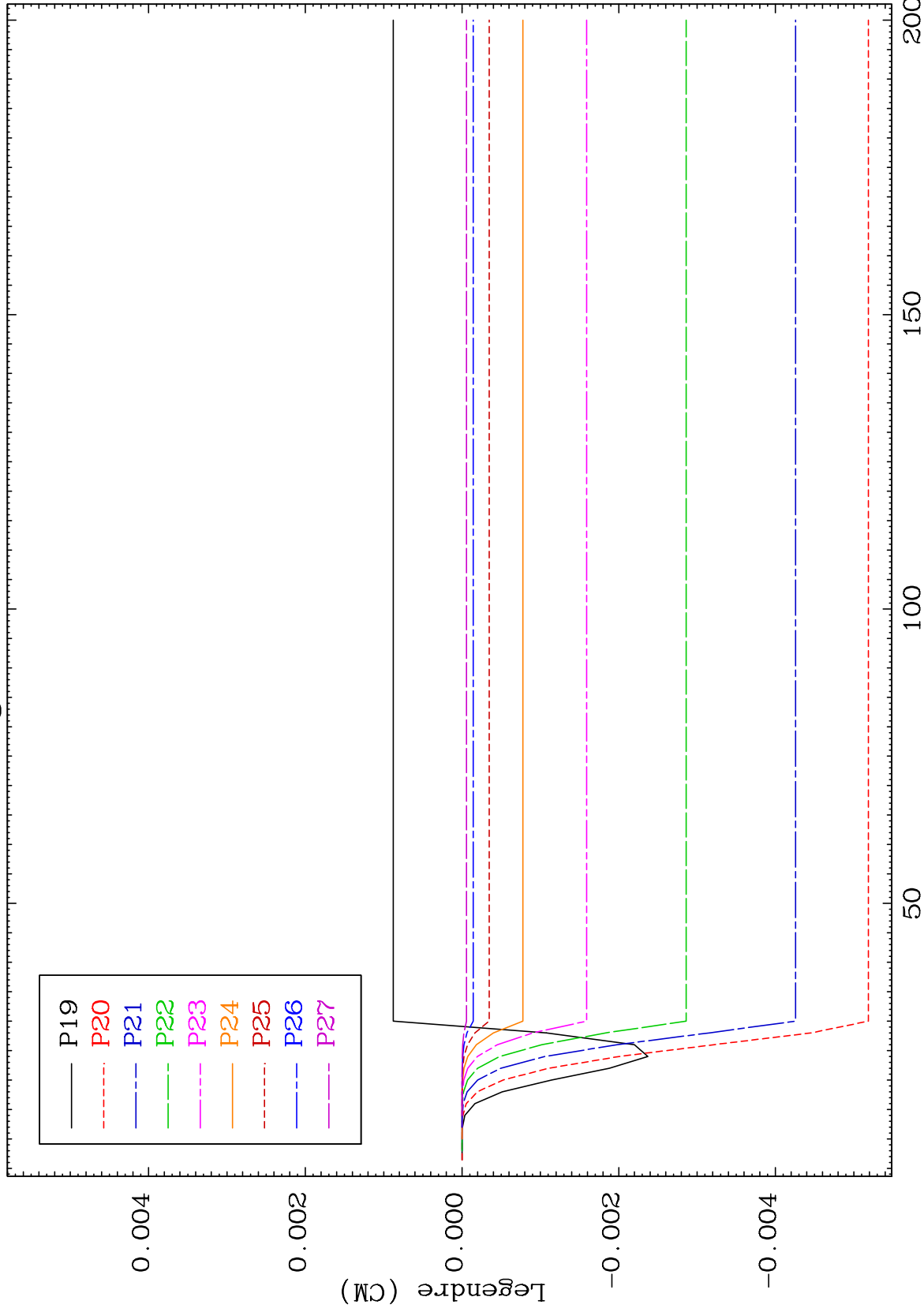
74-W -188



108

Incident Energy (MeV)

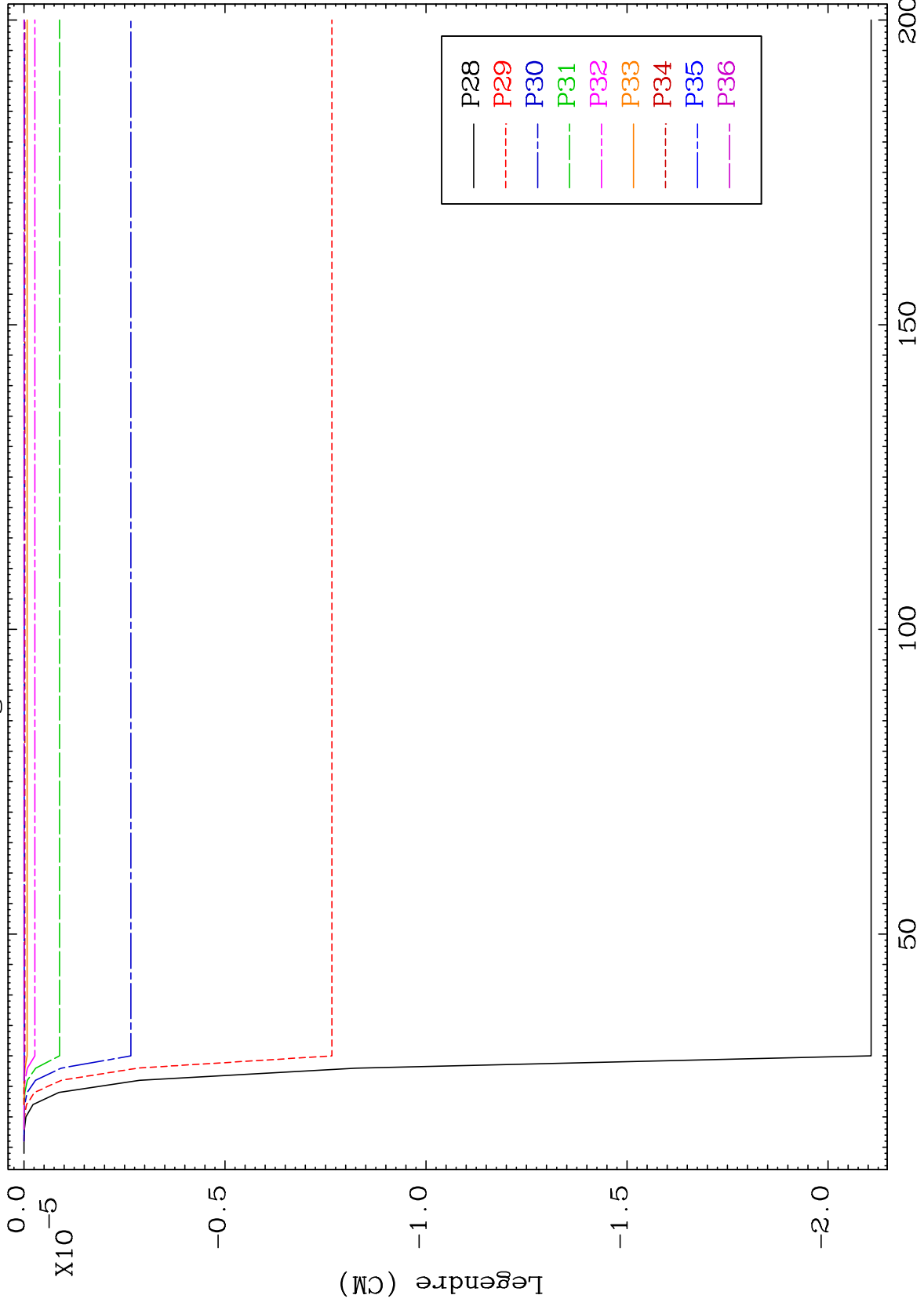
74-W -188



MAT 7449

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

74-W -188



74-W -188

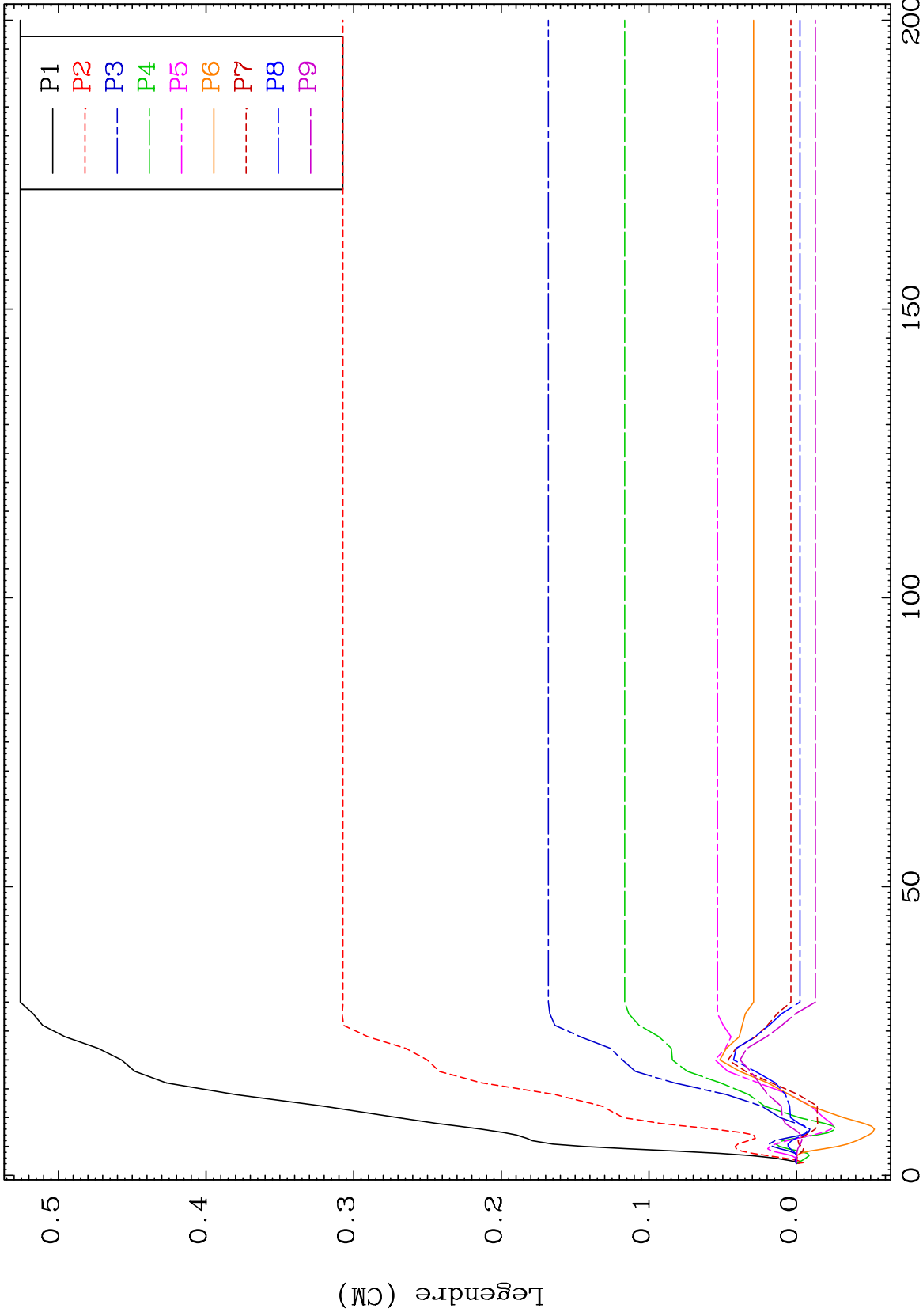
Incident Energy (MeV)

110

MAT 7449

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

74-W -188



111

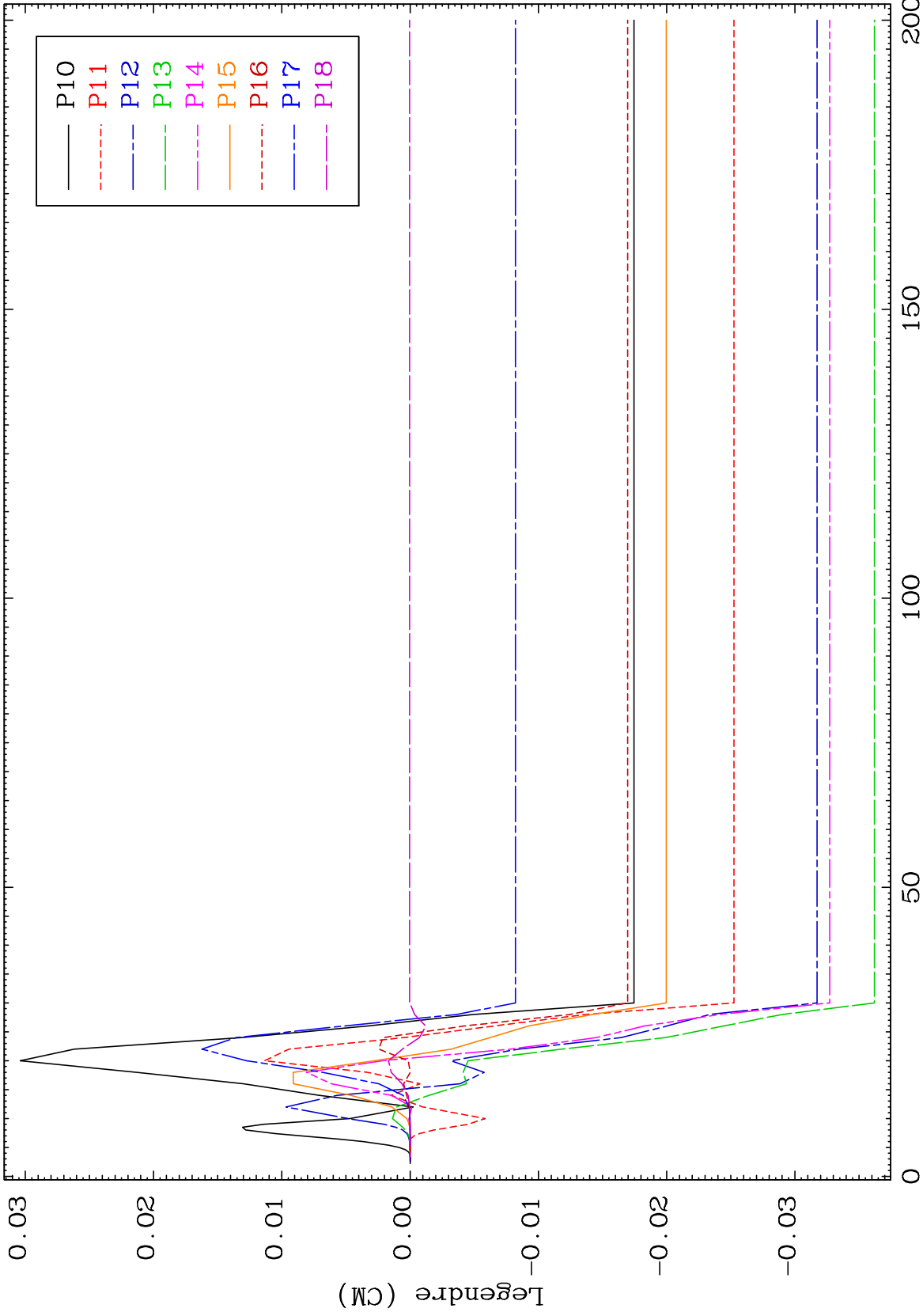
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



112

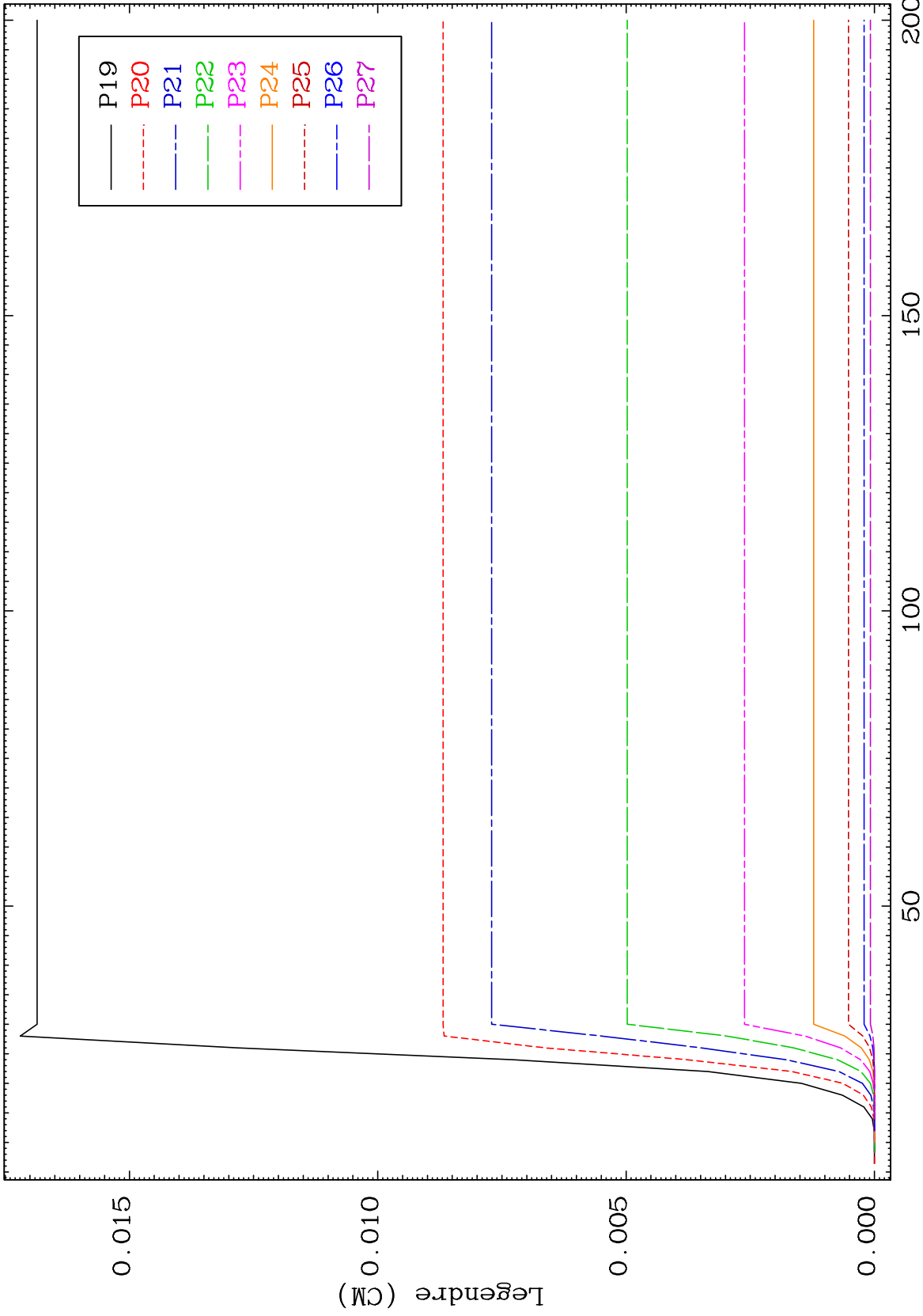
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



113

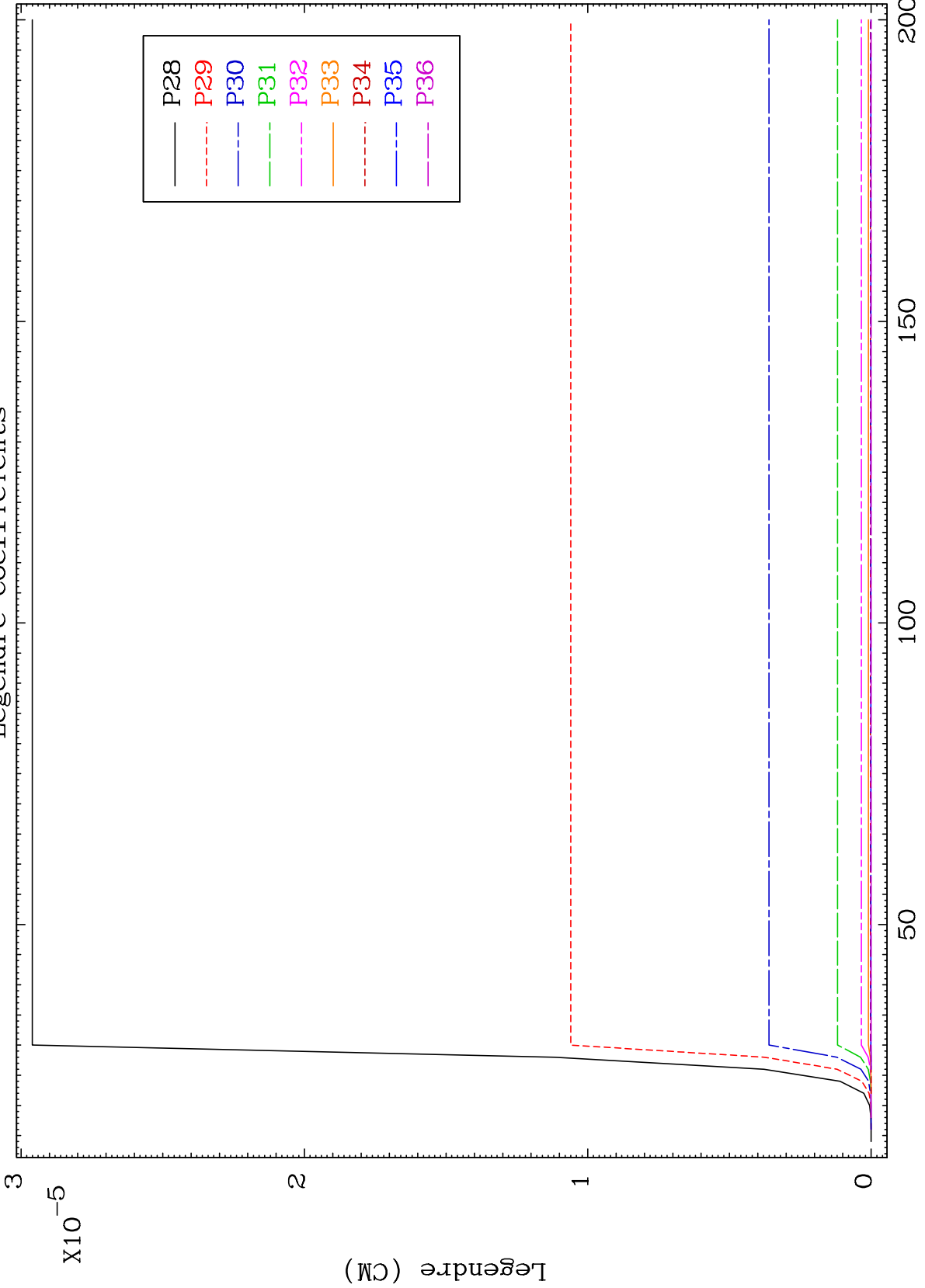
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



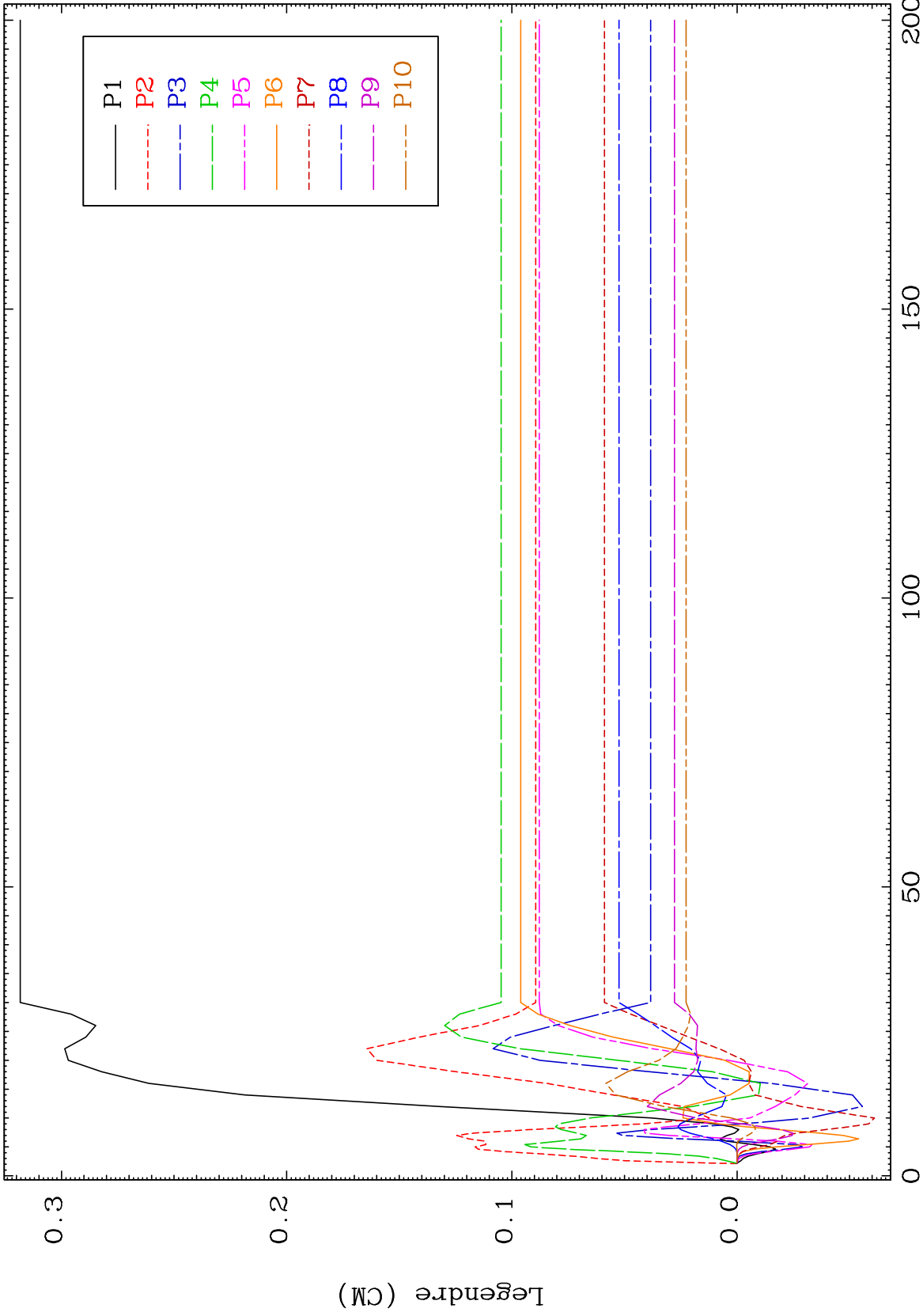
114

74-W -188

MAT 7449

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

74-W -188



115

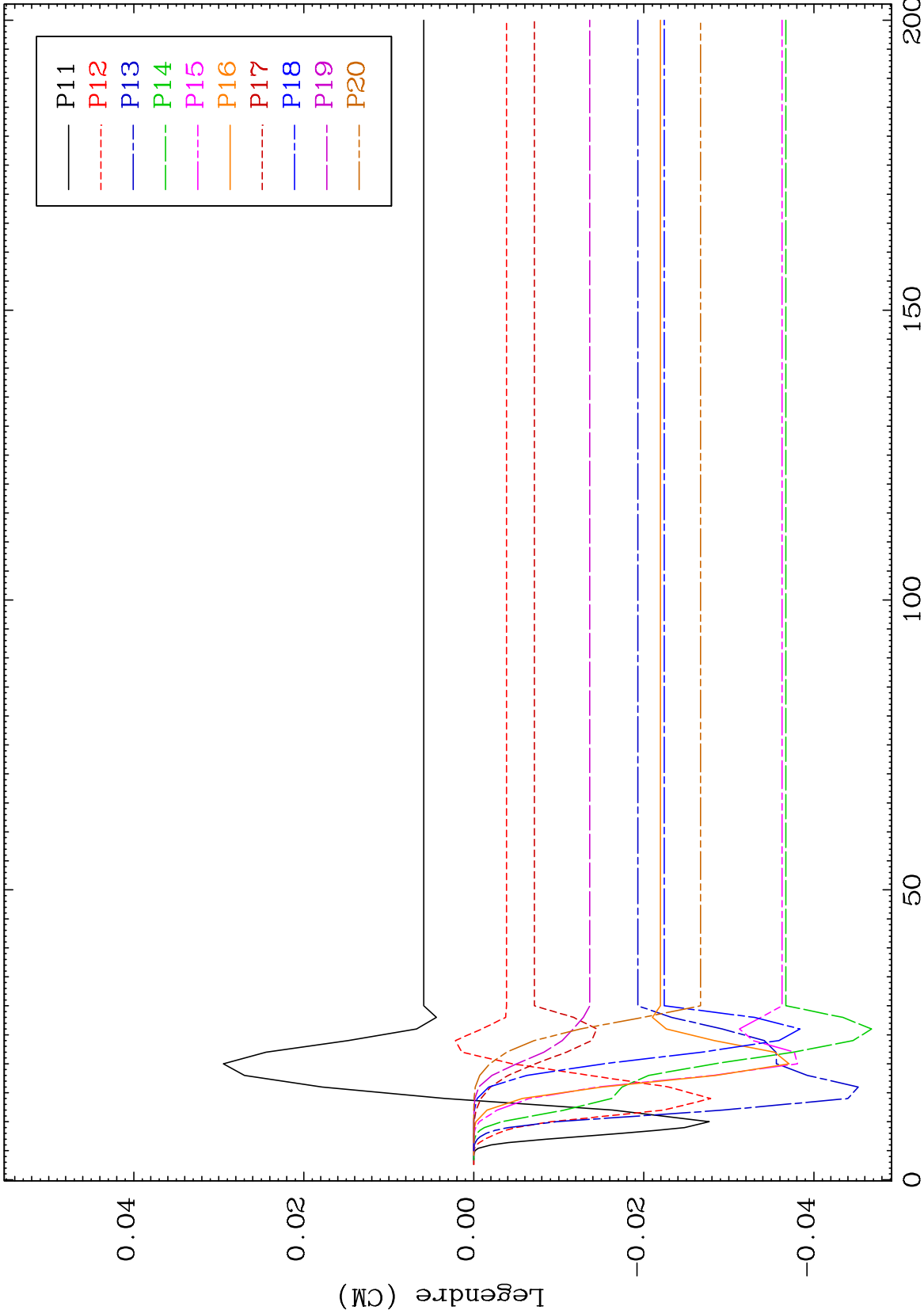
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



116

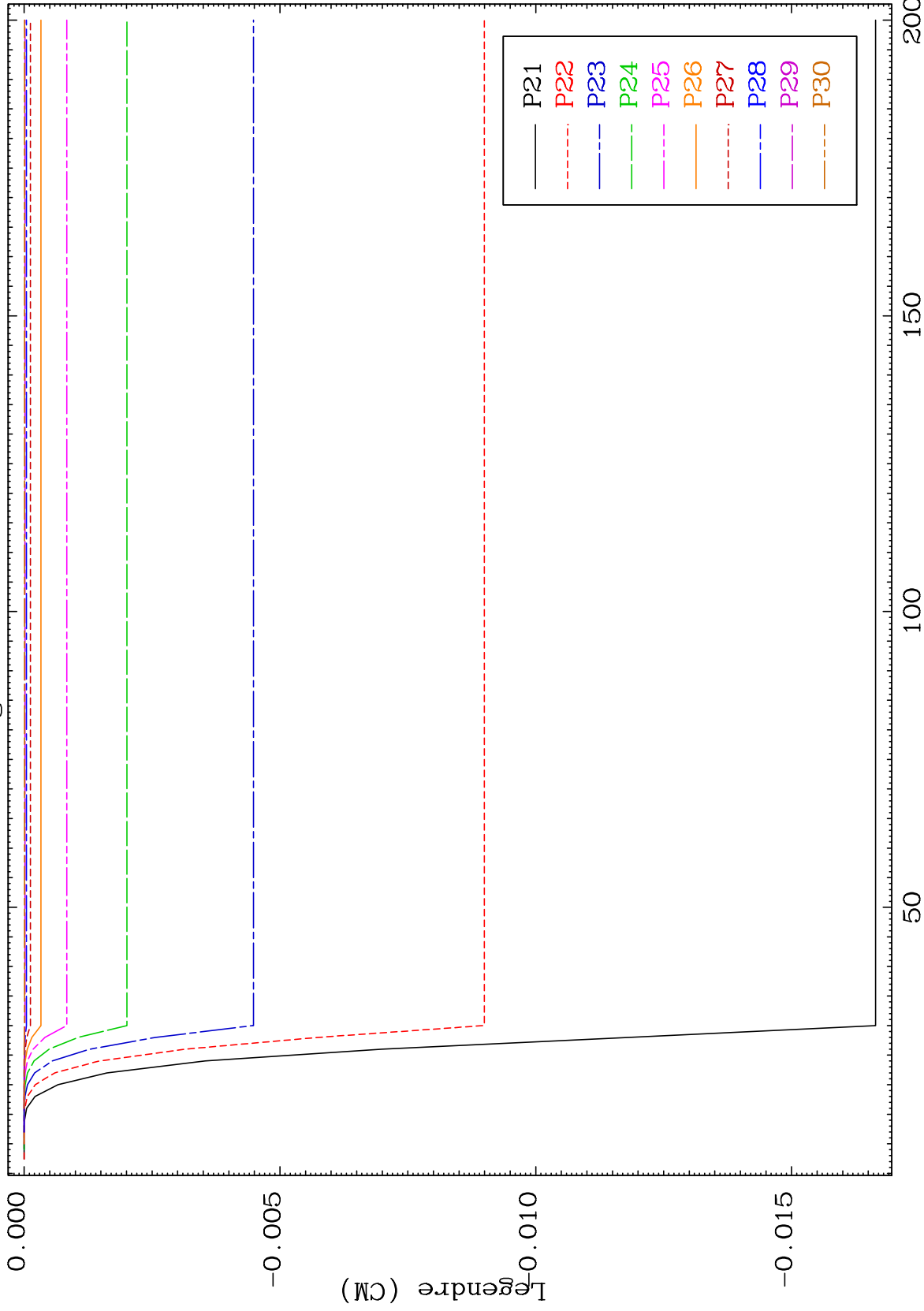
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



117

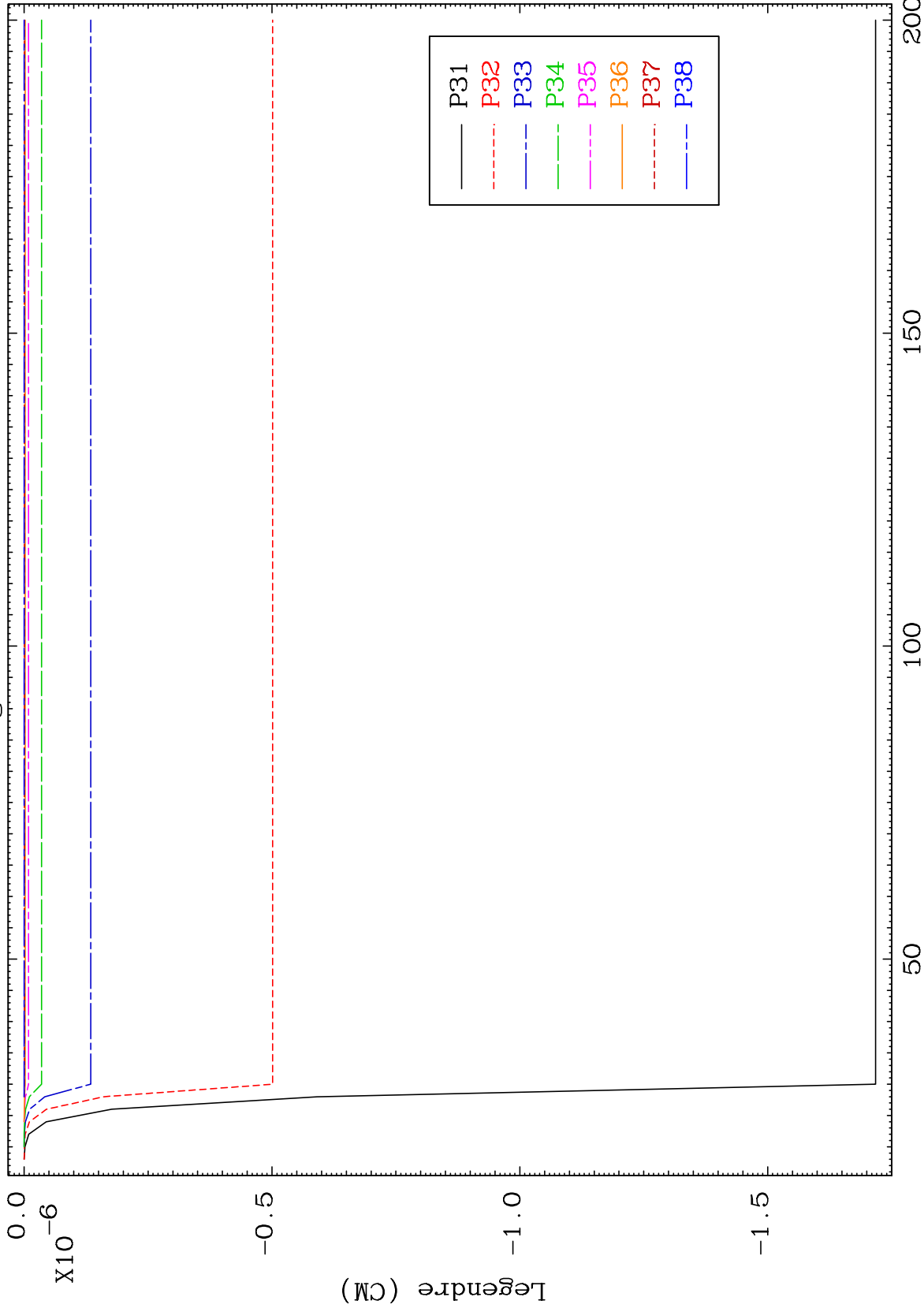
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



118

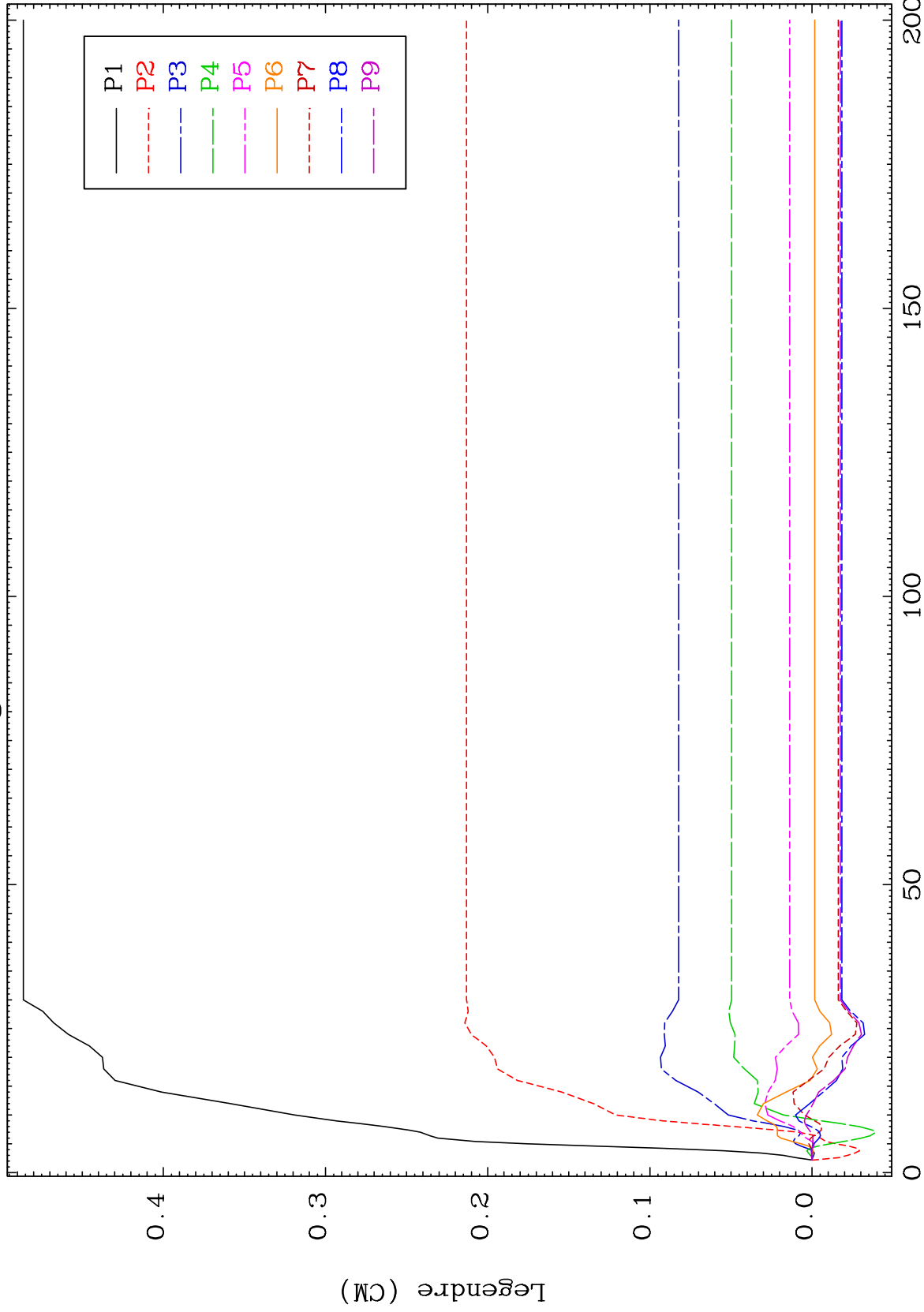
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



119

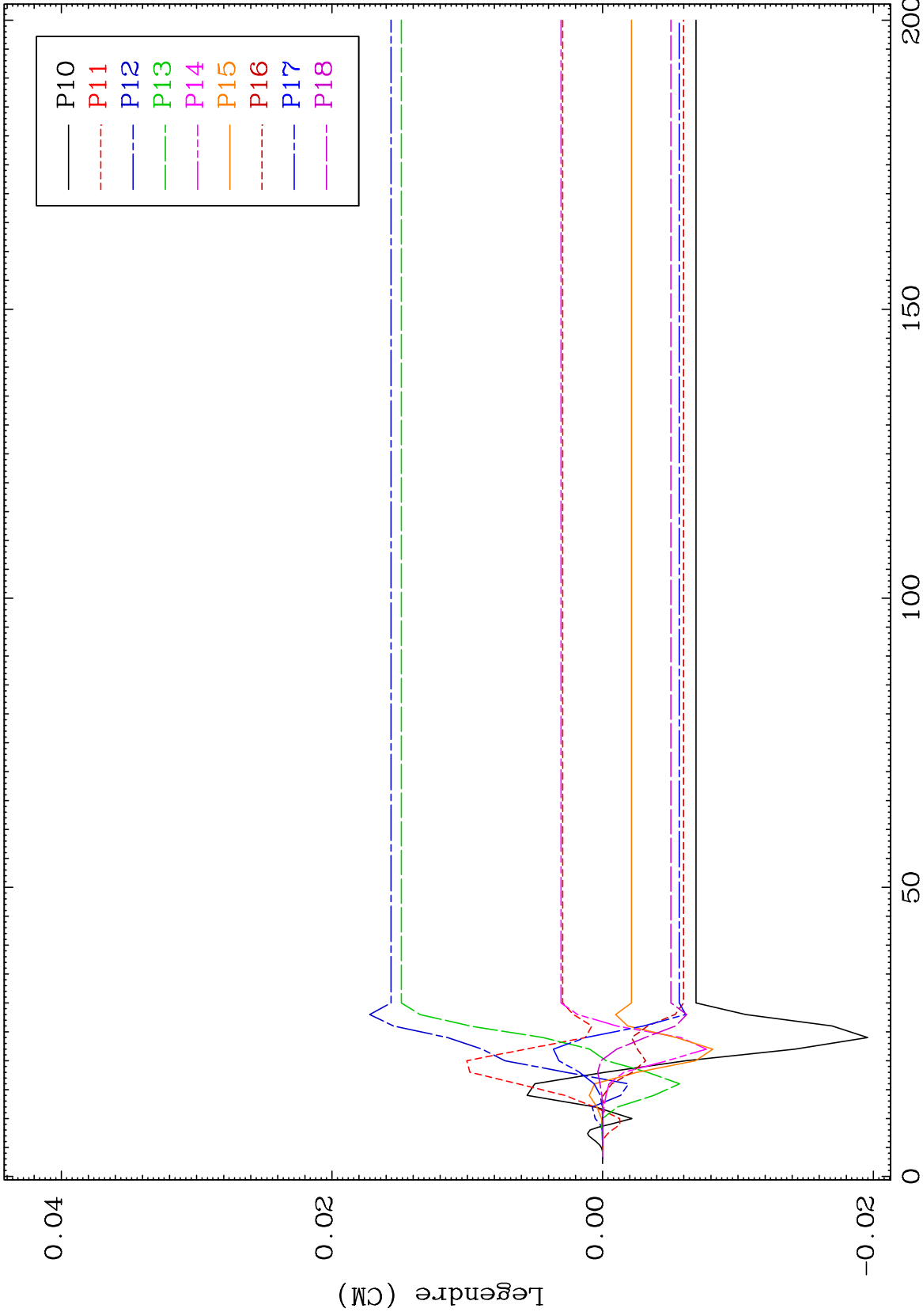
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



120

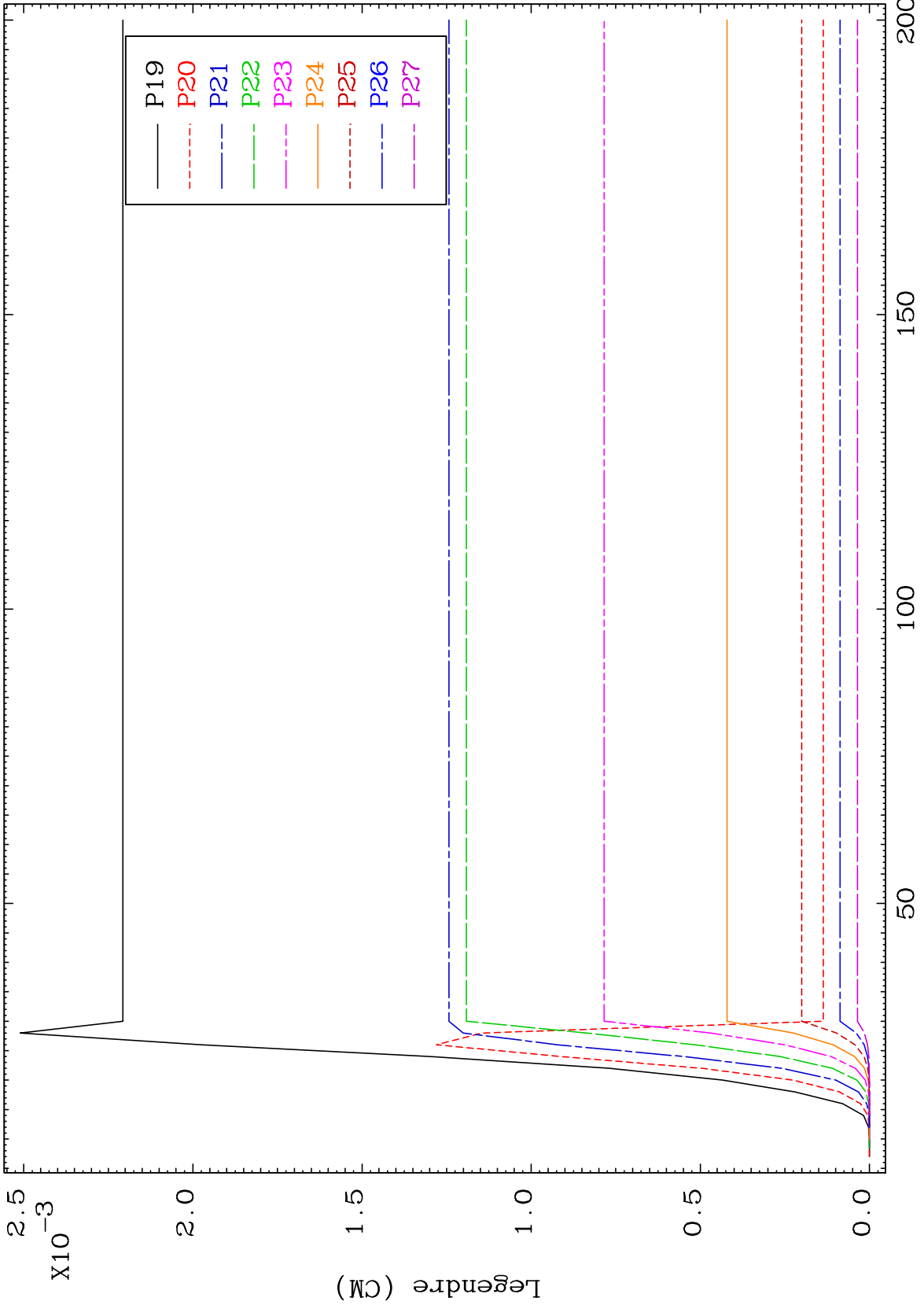
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



121

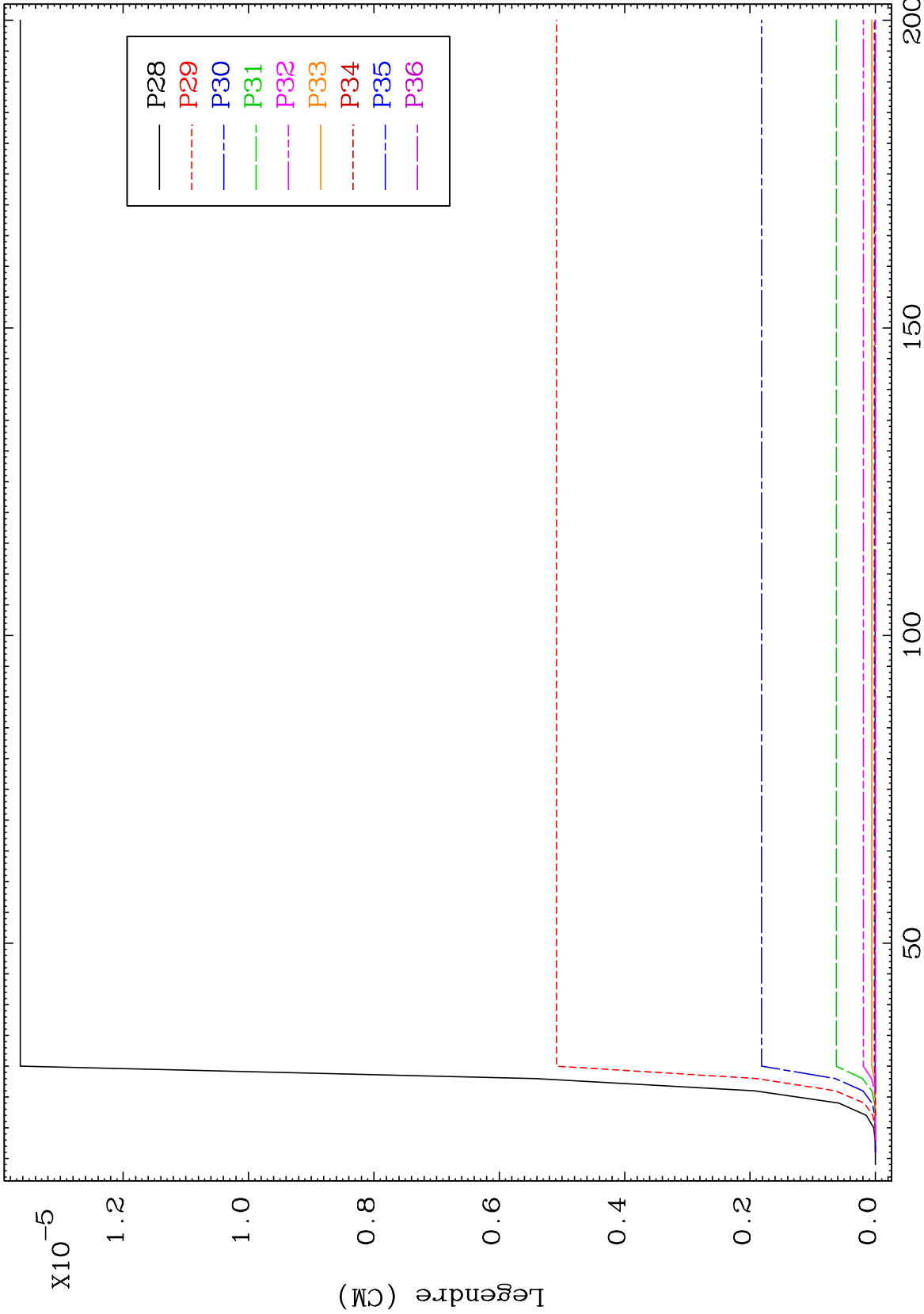
Incident Energy (MeV)

74-W -188

MAT 7449

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

74-W -188



122

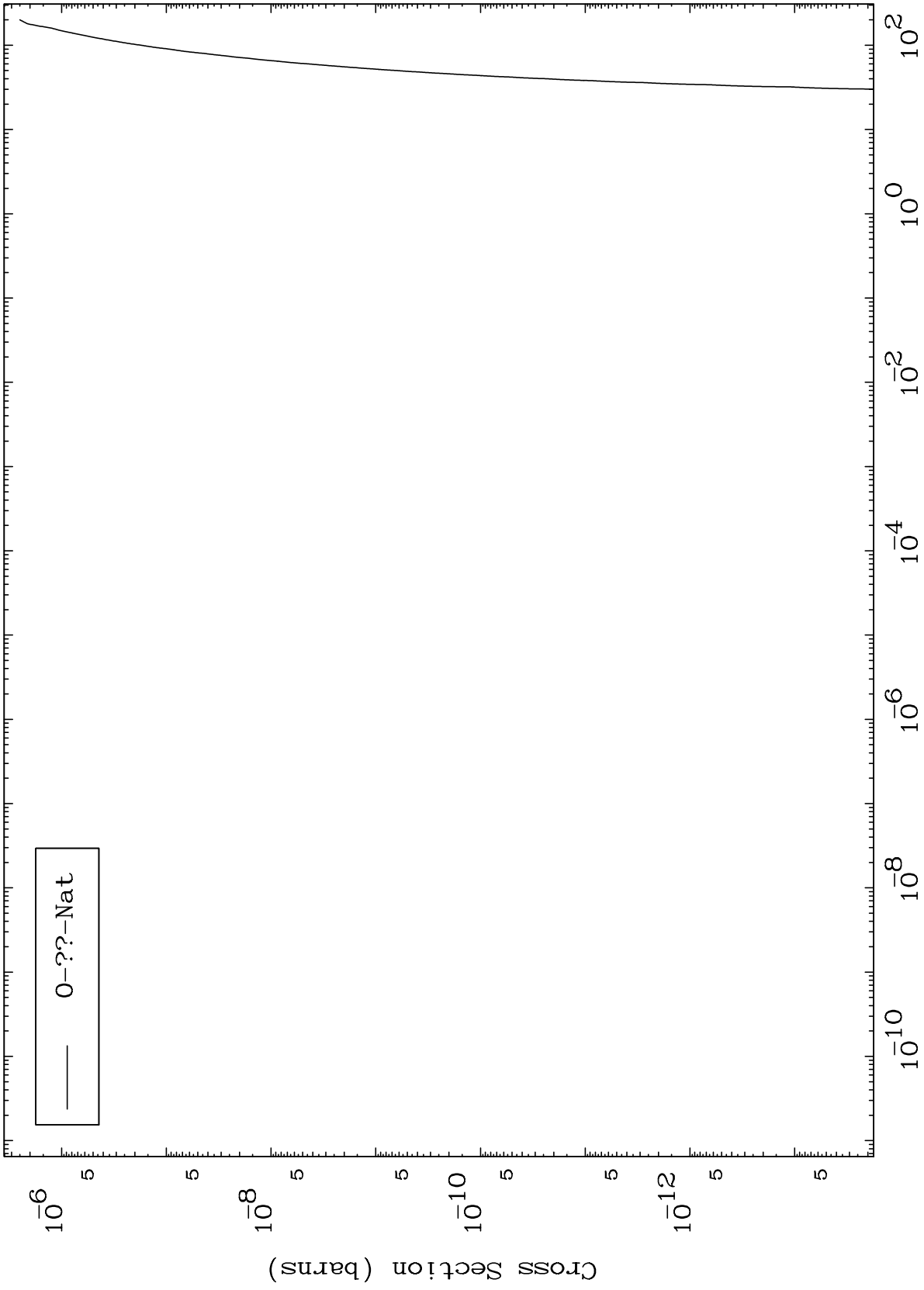
Incident Energy (MeV)

74-W -188

MAT 7449

Fission
Radionuclide Production Cross Section

74-W -188



123

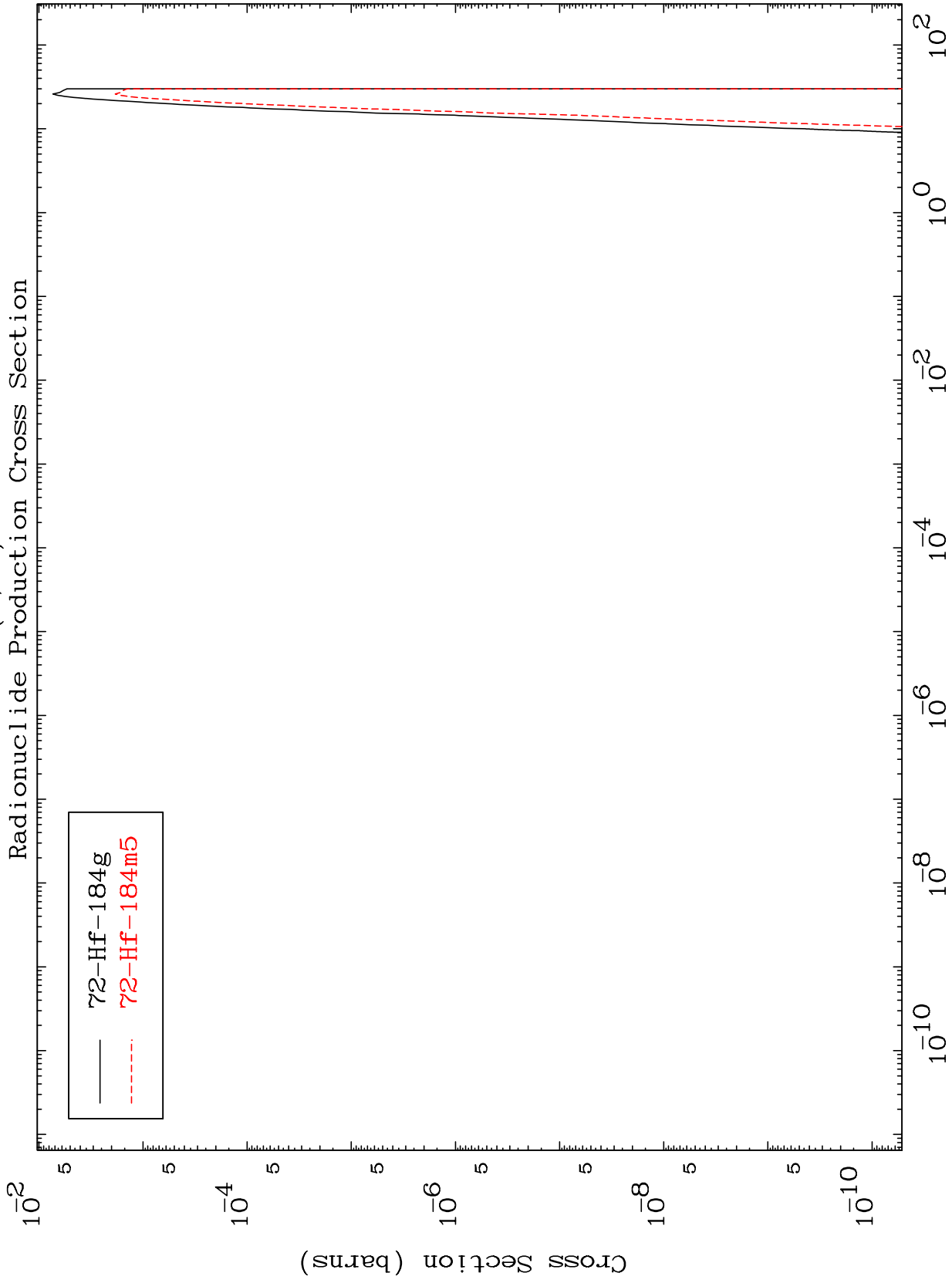
74-W -188

MAT 7449

(n,n') α

74-W -188

Radionuclide Production Cross Section



— $^{184}\text{g-Hf}$
- - - $^{184\text{m}5}\text{-Hf}$

124

Incident Energy (MeV)

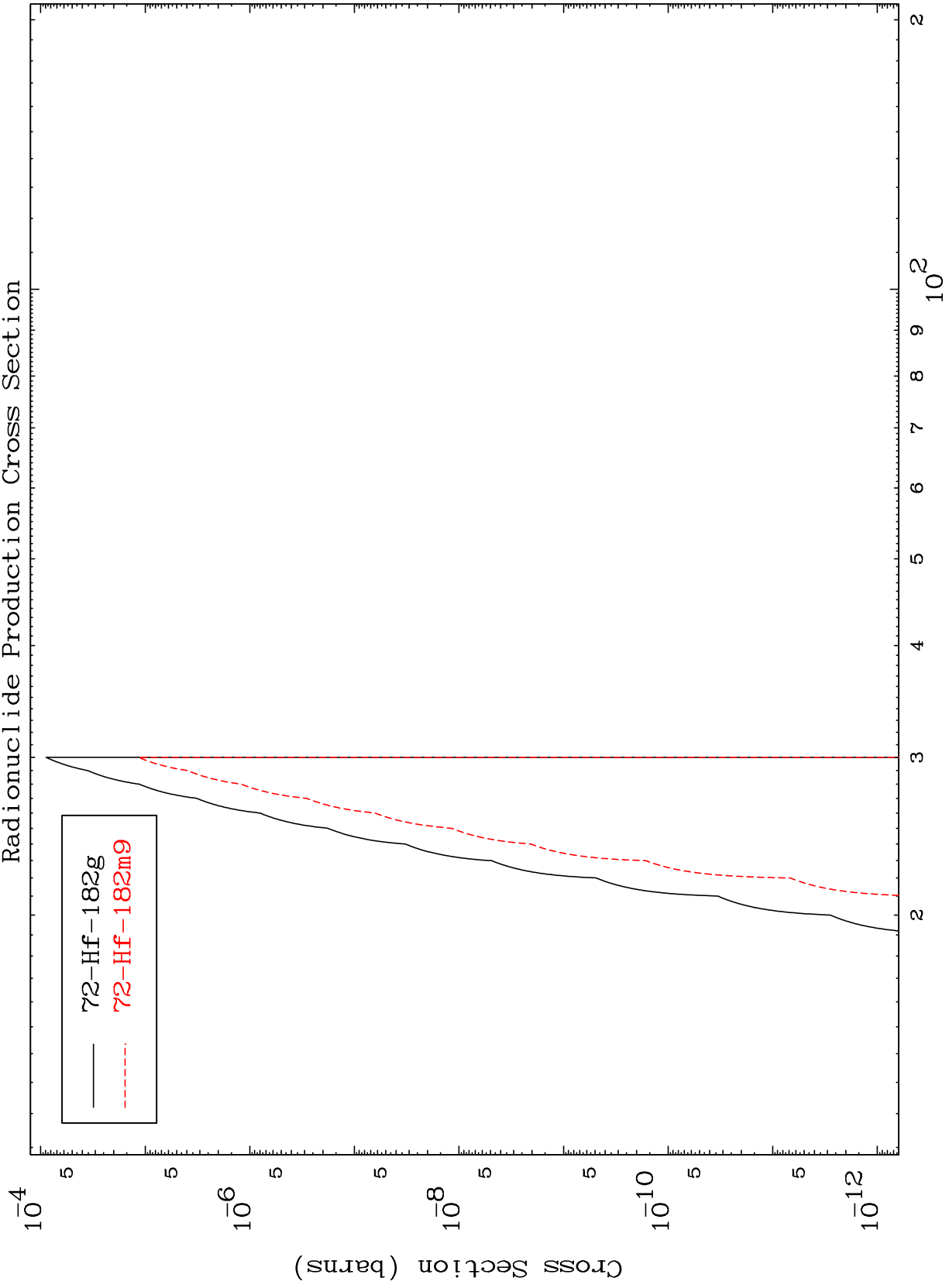
74-W -188

MAT 7449

(n,3n) α

74-W -188

Radionuclide Production Cross Section



125

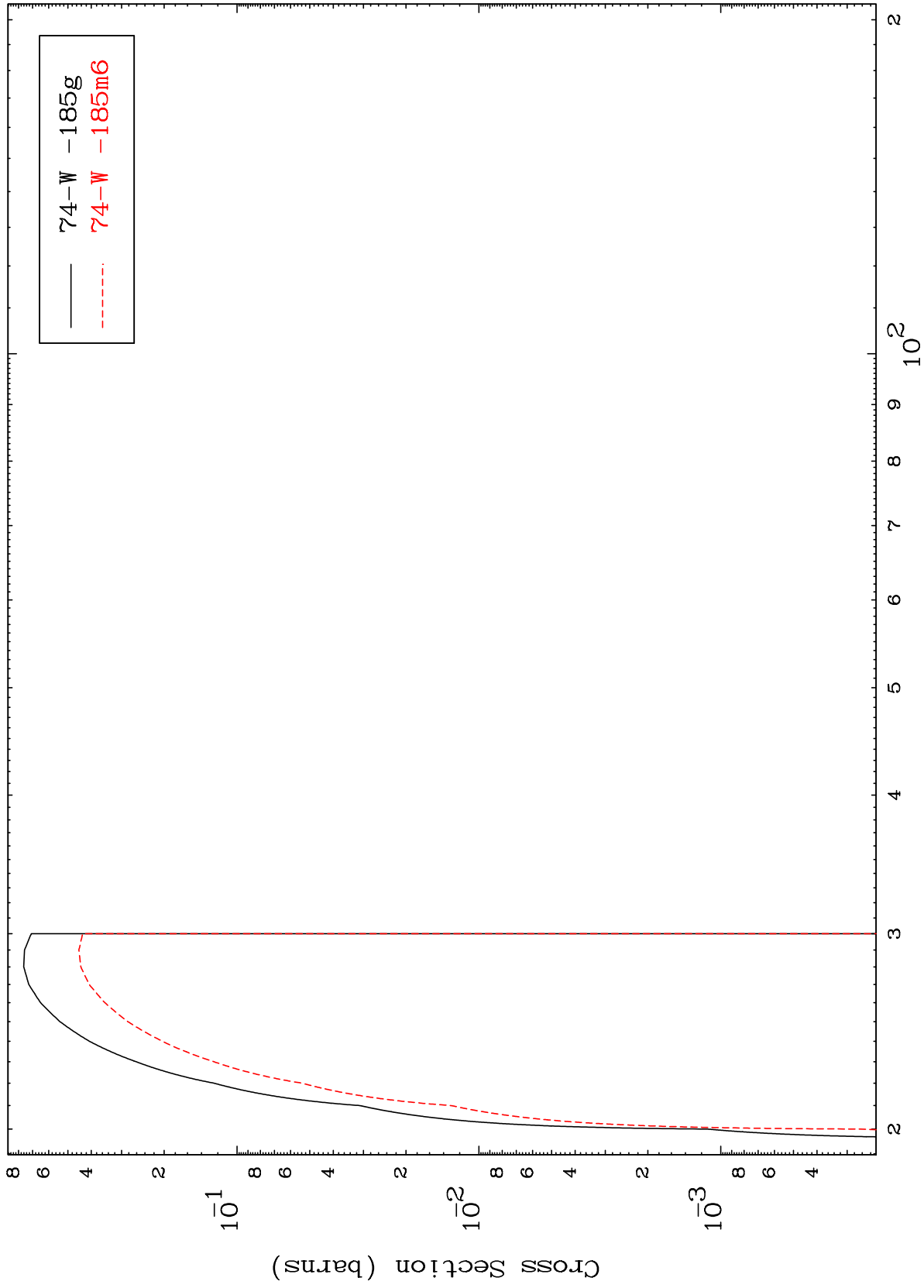
Incident Energy (MeV)

74-W -188

MAT 7449

74-W -188

(n,4n)
Radionuclide Production Cross Section



126

74-W -188