

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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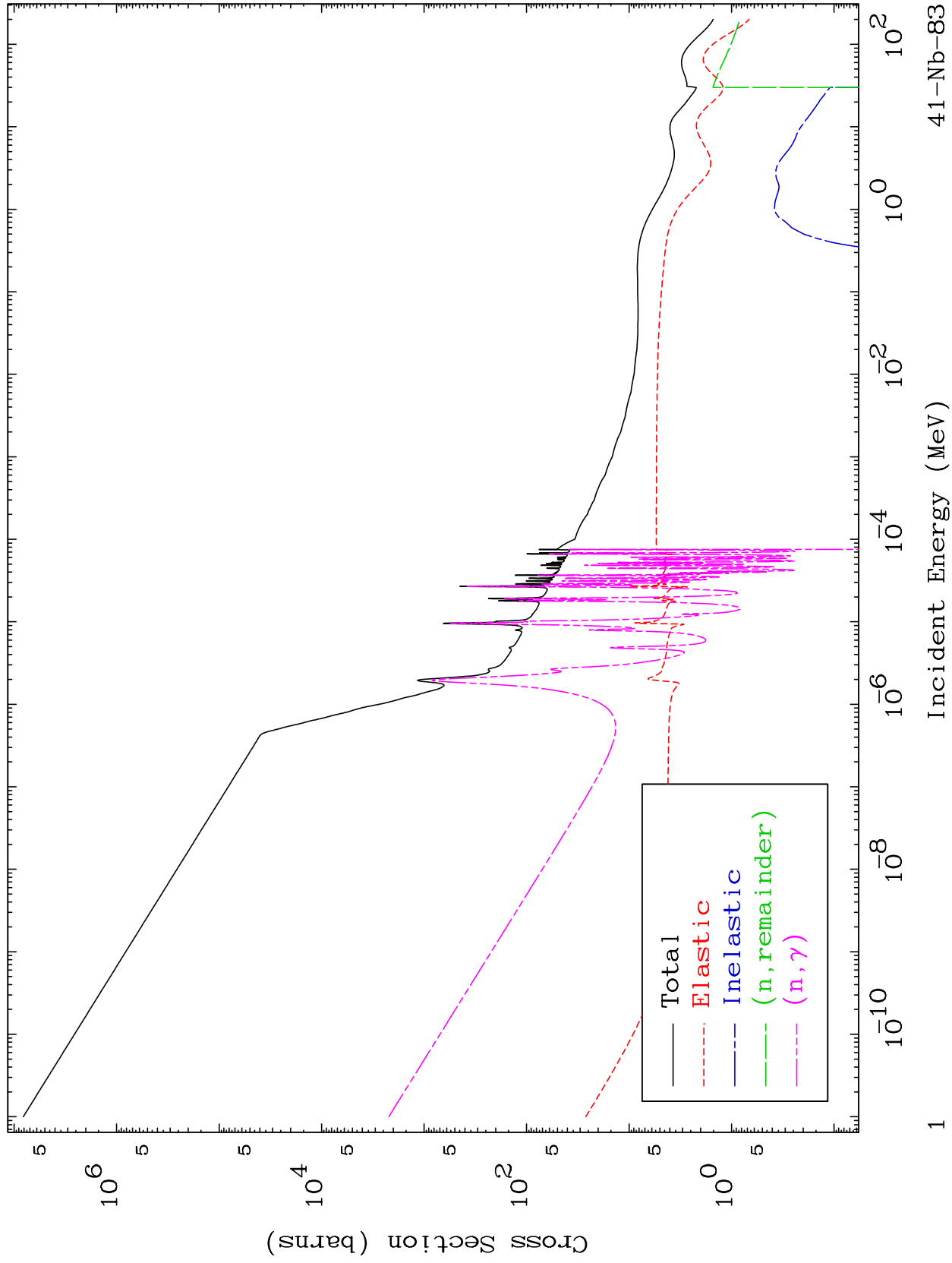
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4095

Major  
293 Kelvin Cross Sections

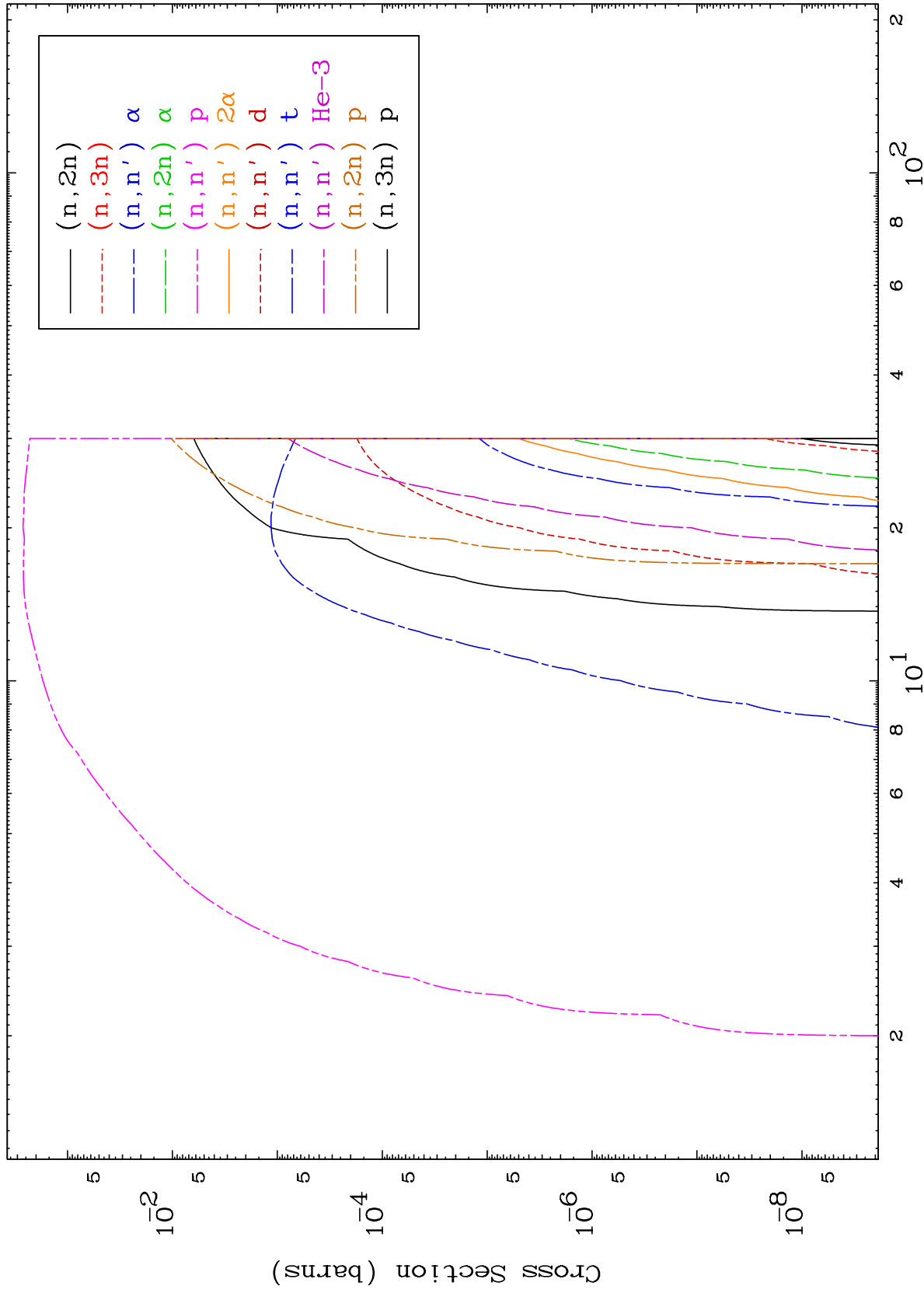
41-Nb-83



MAT 4095

Neutron Production  
293 Kelvin Cross Sections

41-Nb-83



2

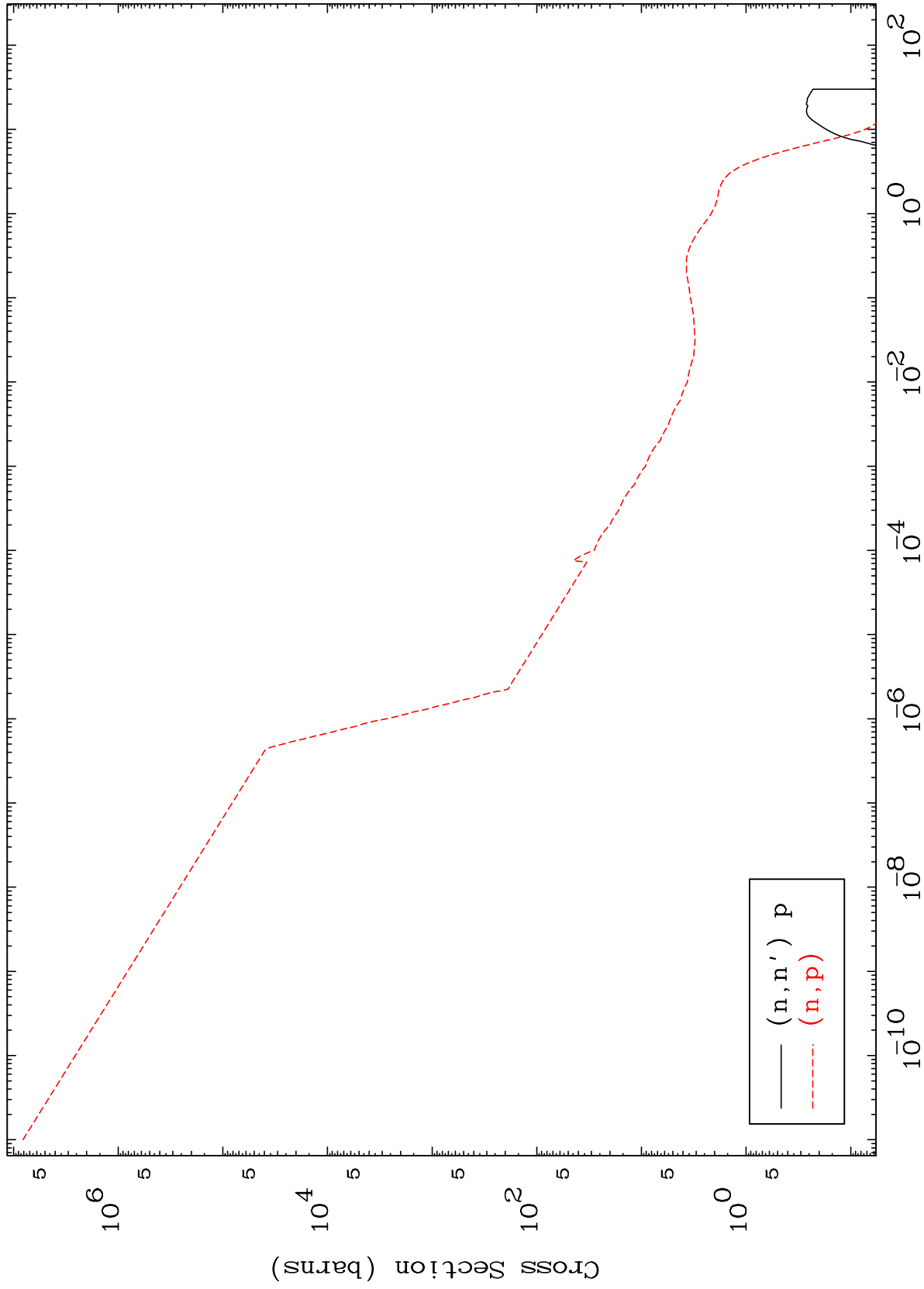
Incident Energy (MeV)

41-Nb-83

MAT 4095

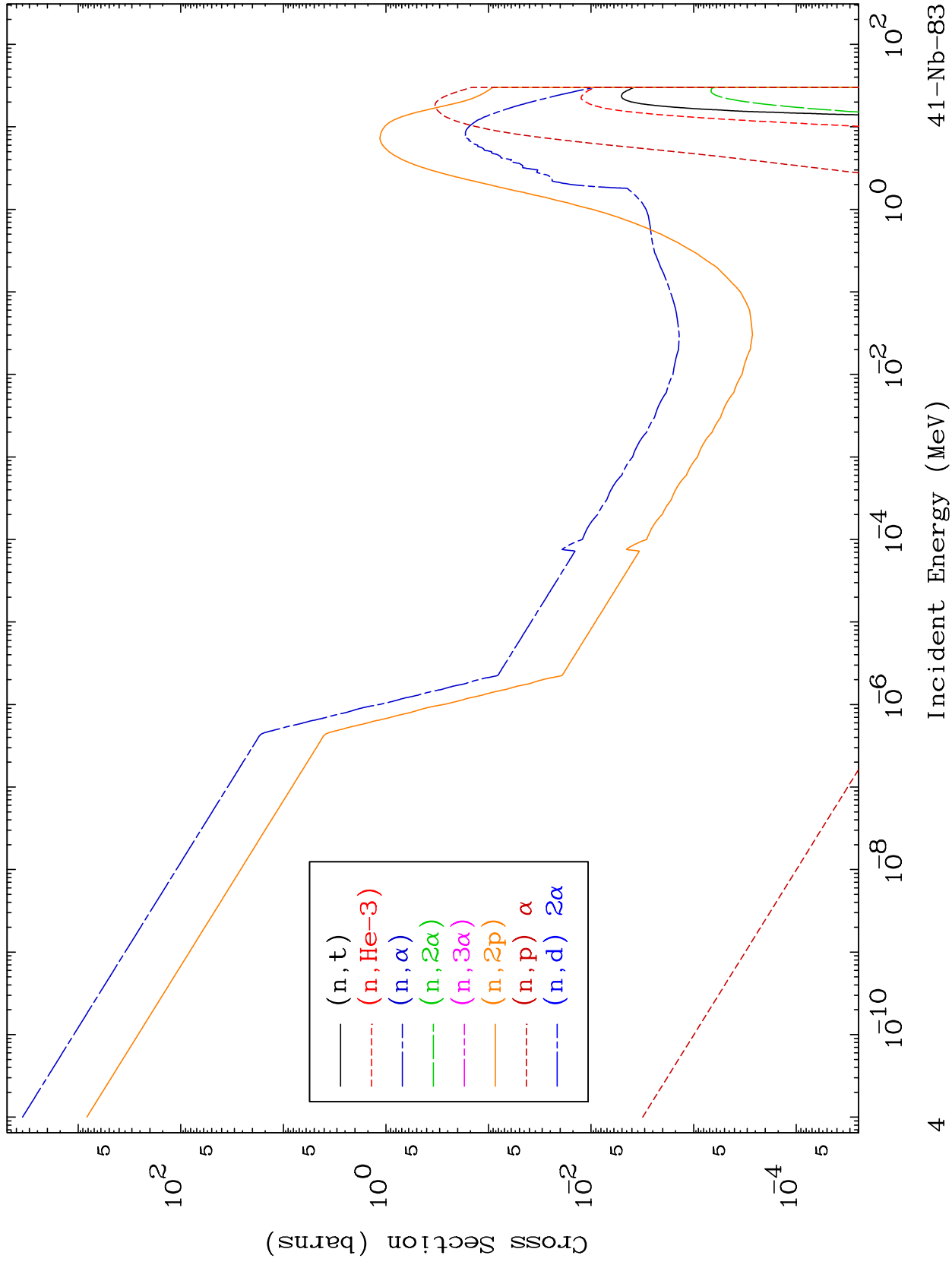
Charged Particle  
293 Kelvin Cross Sections

41-Nb-83



3

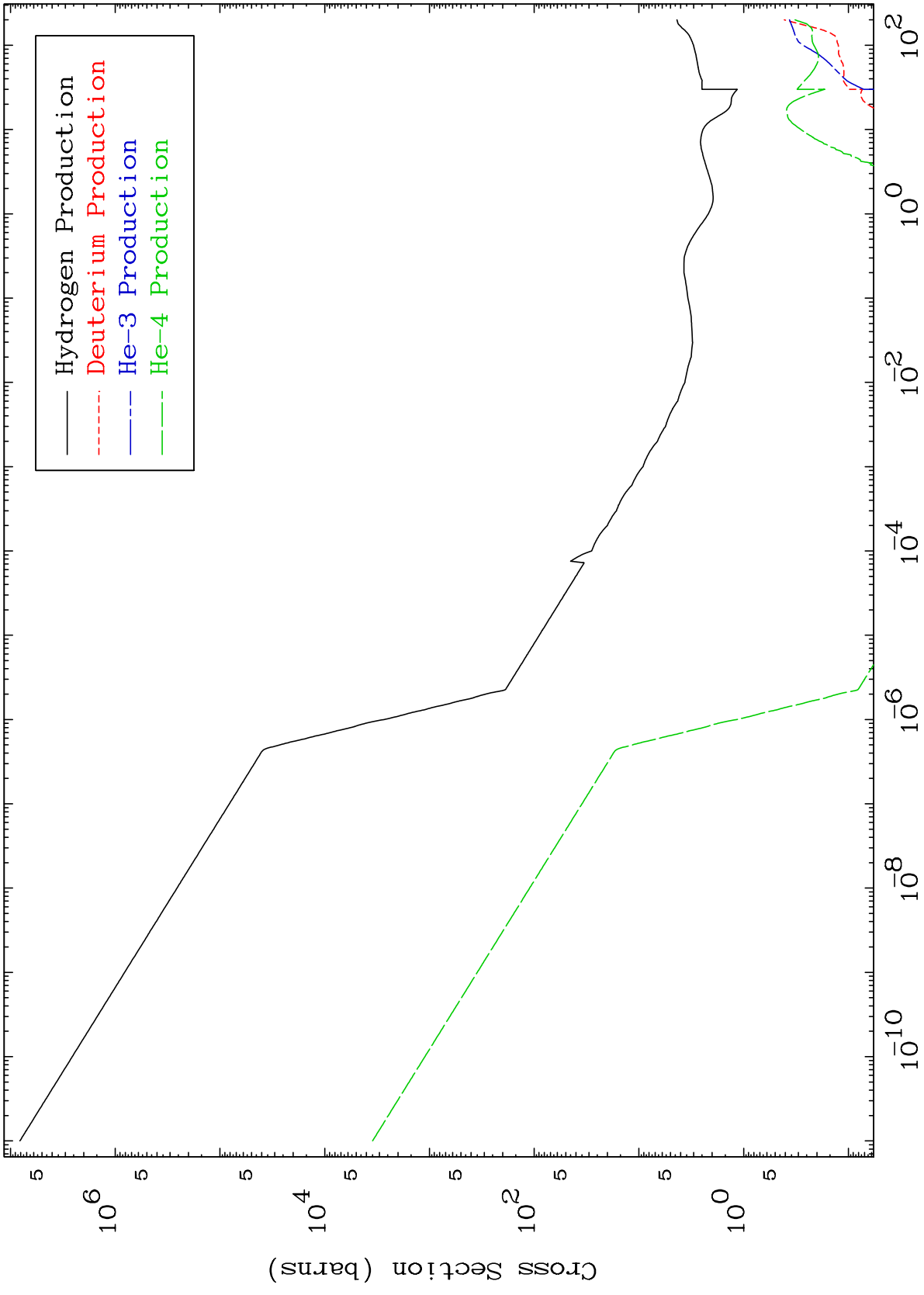
41-Nb-83



MAT 4095

Particle Production  
293 Kelvin Cross Sections

41-Nb-83



5

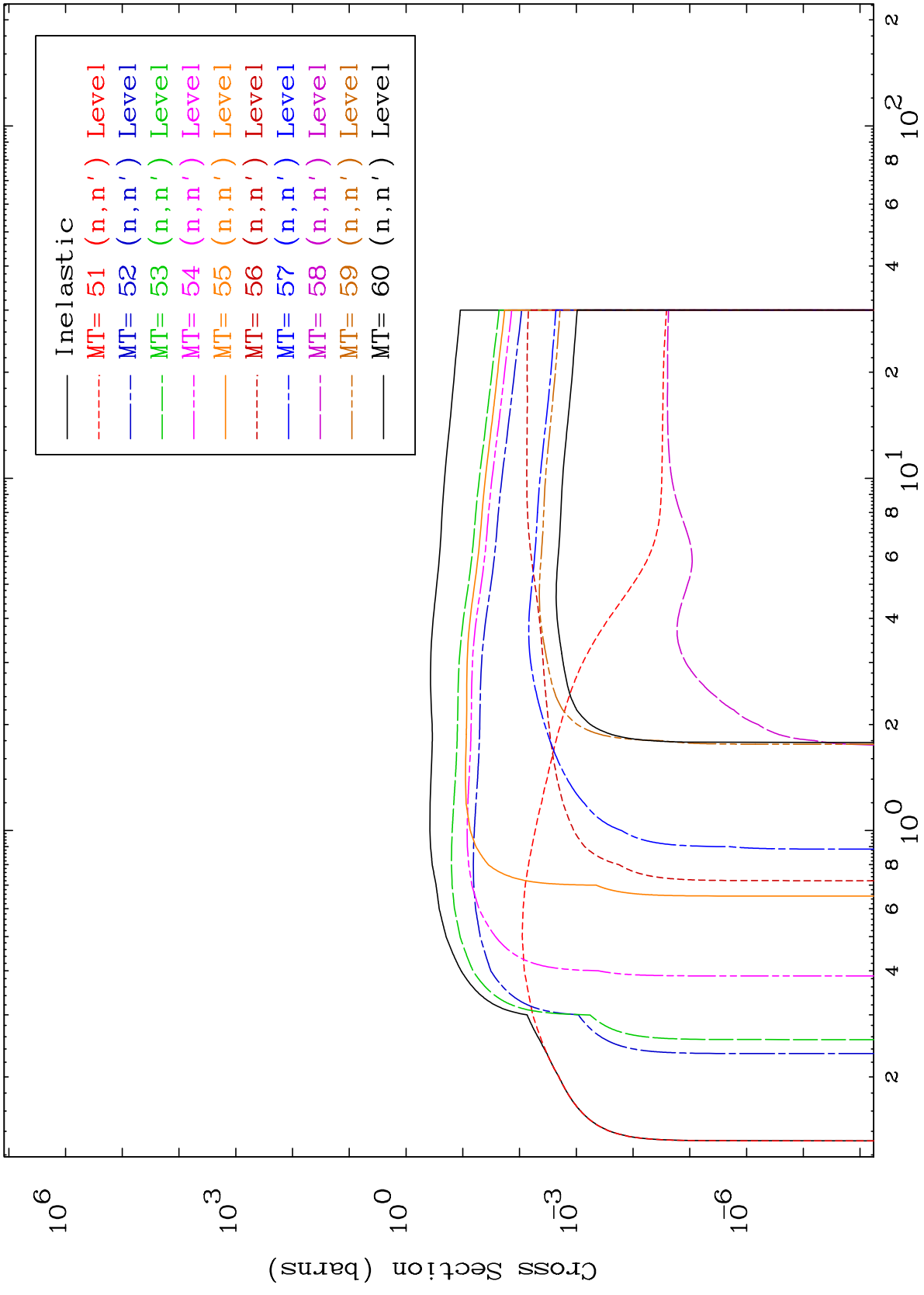
41-Nb-83

MAT 4095

(n,n') Level

41-Nb-83

293 Kelvin Cross Sections



6

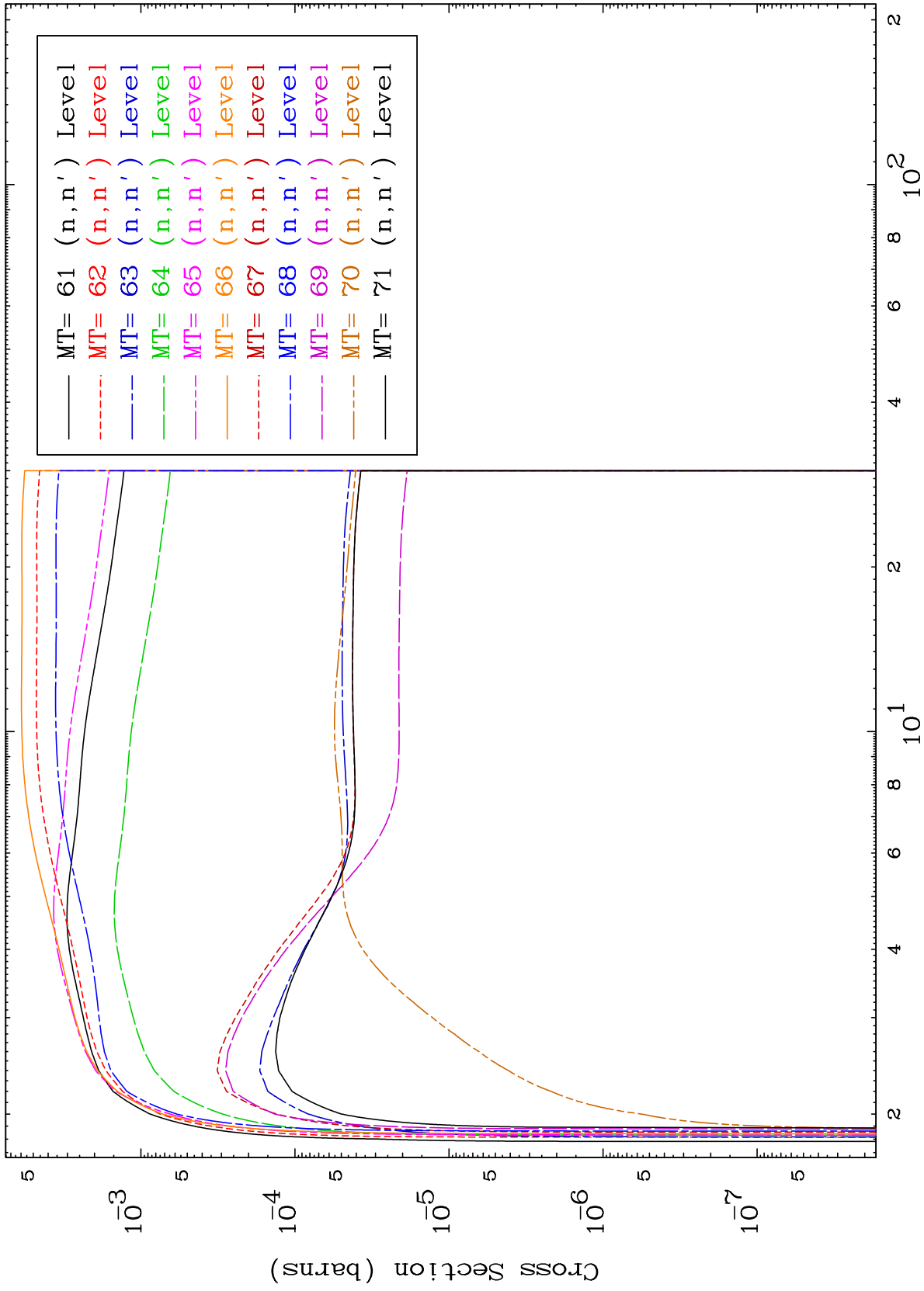
Incident Energy (MeV)

41-Nb-83

MAT 4095

(n,n') Level  
293 Kelvin Cross Sections

41-Nb-83



7

Incident Energy (MeV)

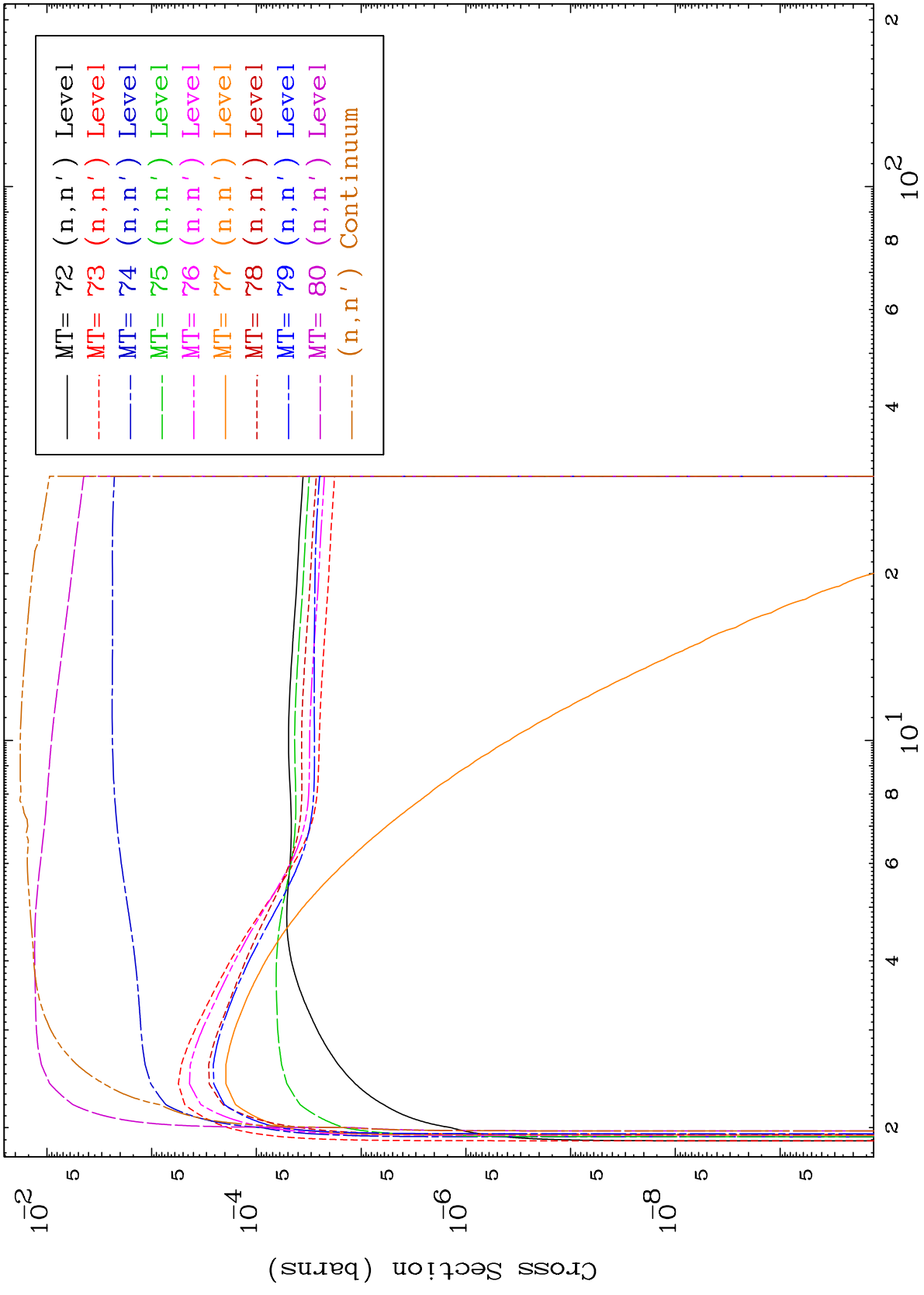
41-Nb-83



MAT 4095

(n,n') Level  
293 Kelvin Cross Sections

41-Nb-83



8

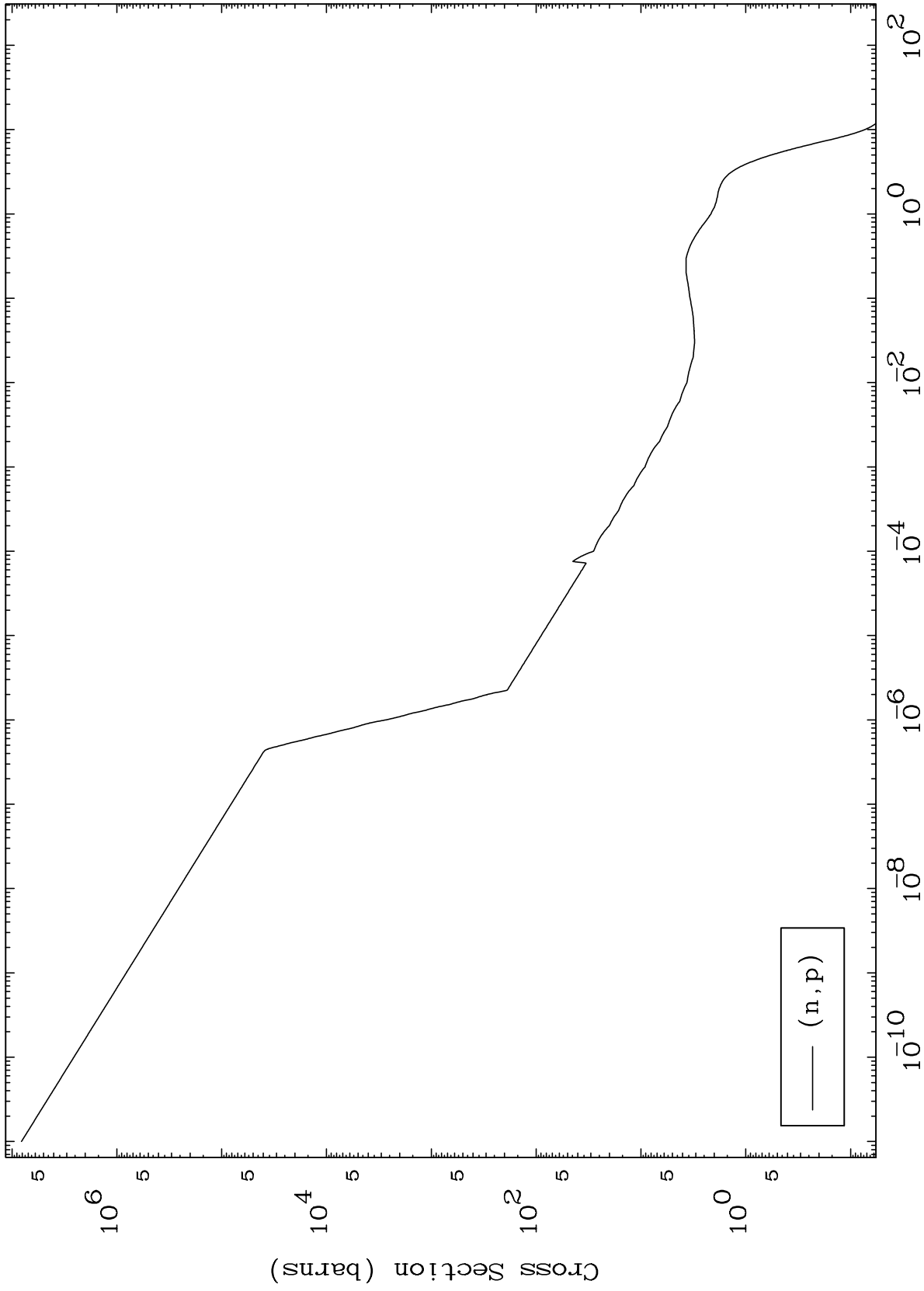
Incident Energy (MeV)

41-Nb-83

MAT 4095

(n,p) Levels  
293 Kelvin Cross Sections

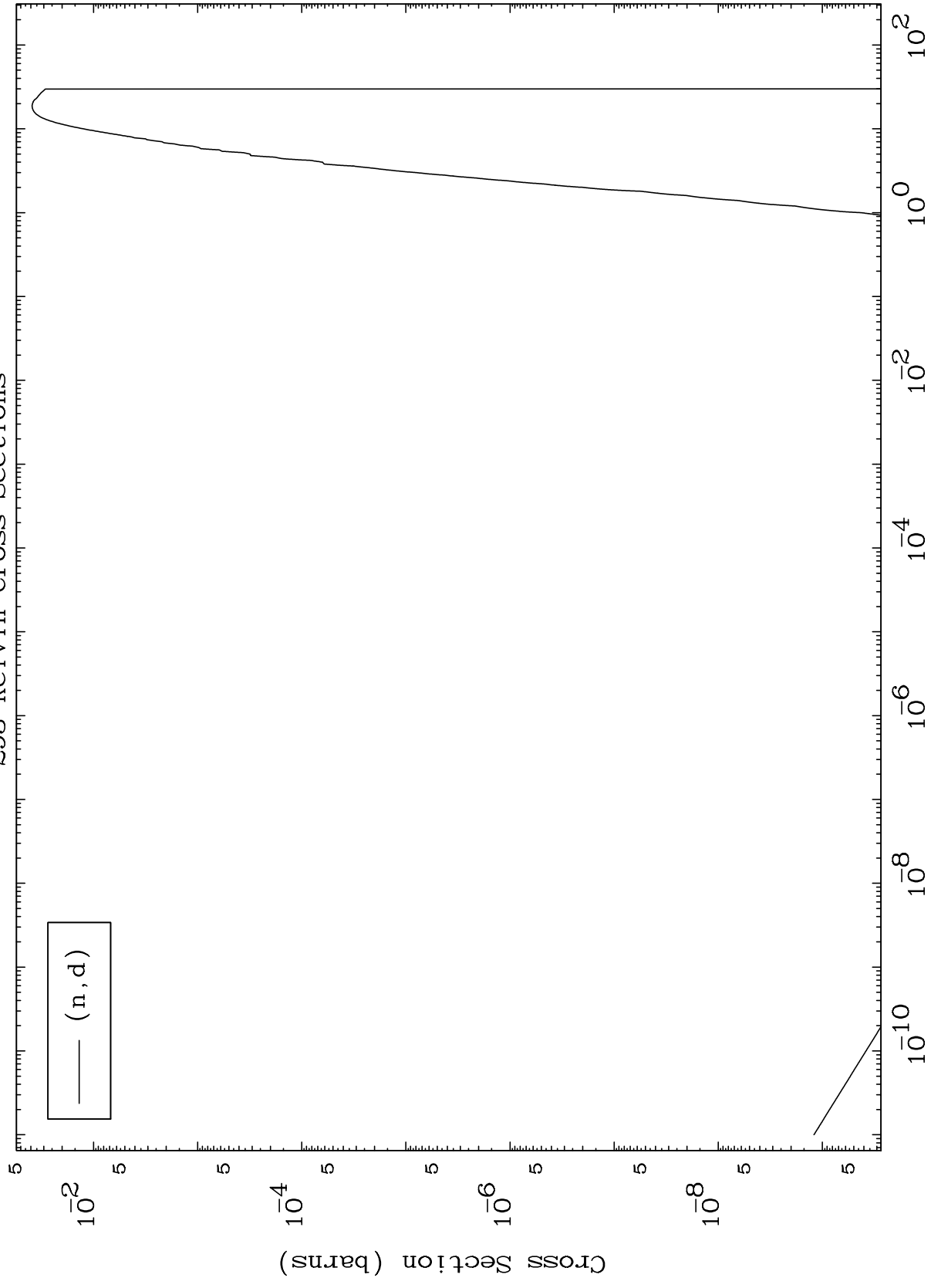
41-Nb-83



MAT 4095

(n,d) Levels  
293 Kelvin Cross Sections

41-Nb-83



10

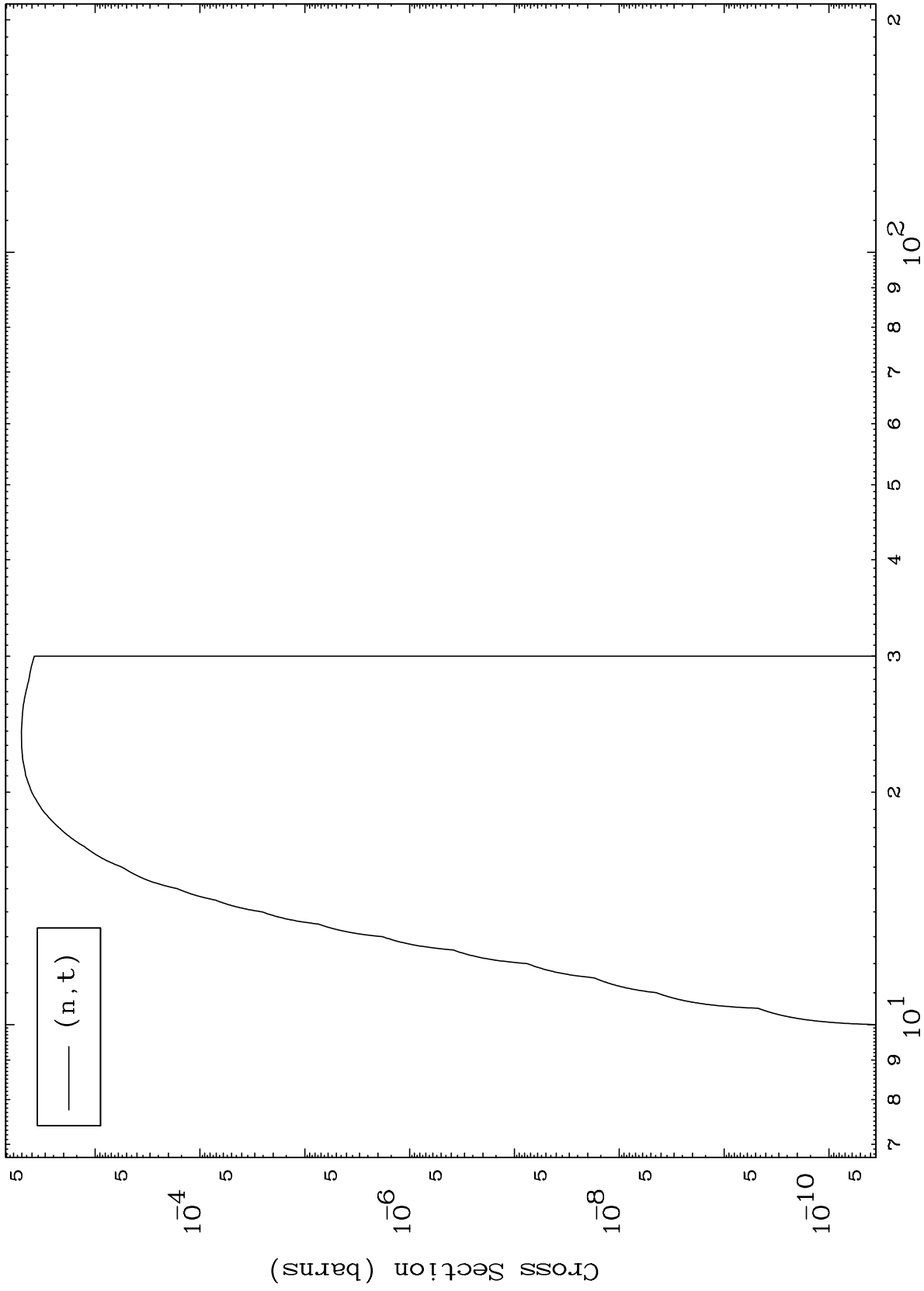
Incident Energy (MeV)

41-Nb-83

MAT 4095

(n,t) Levels  
293 Kelvin Cross Sections

41-Nb-83



11

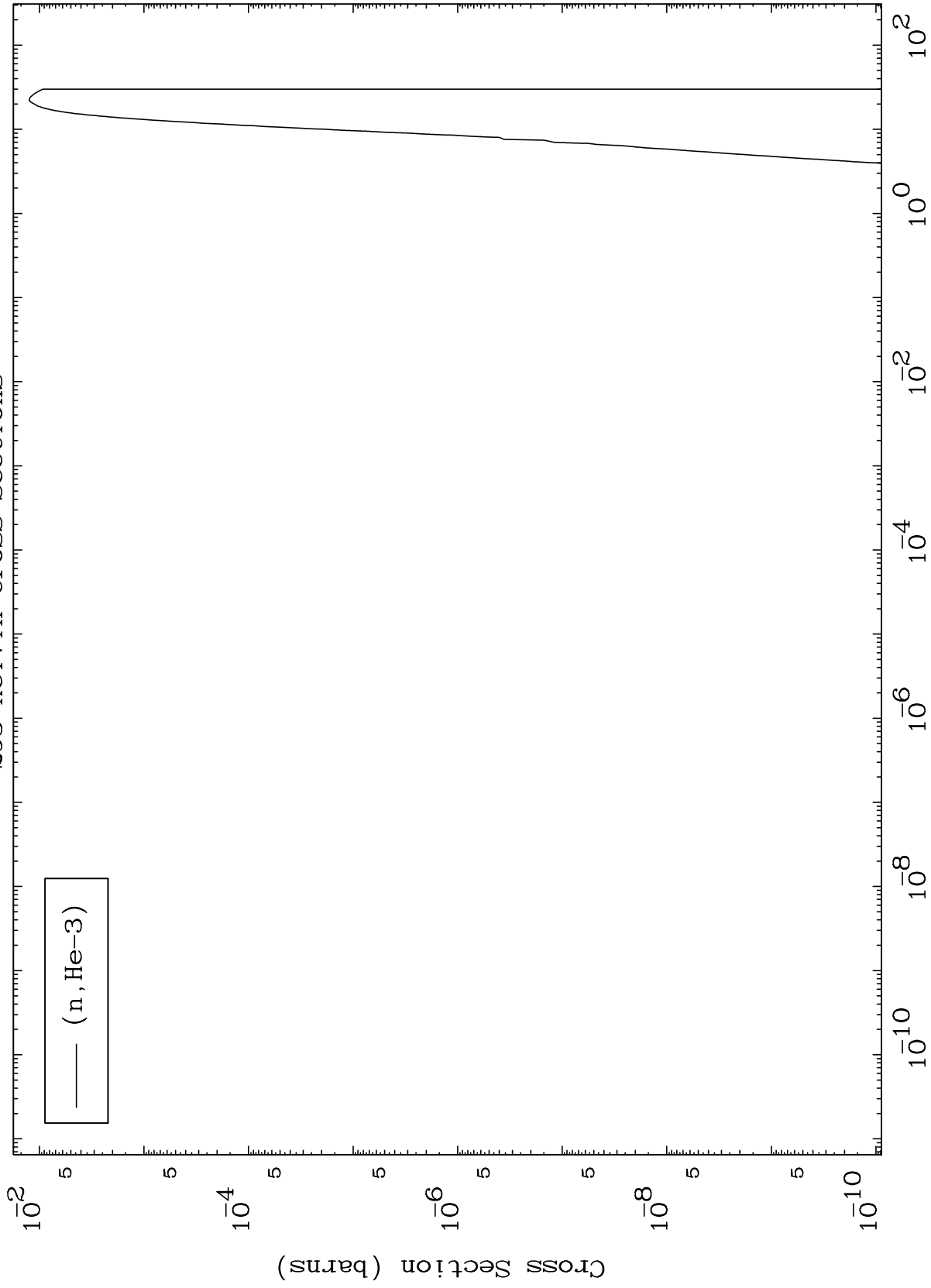
Incident Energy (MeV)

41-Nb-83

MAT 4095

(n,He3) Levels  
293 Kelvin Cross Sections

41-Nb-83

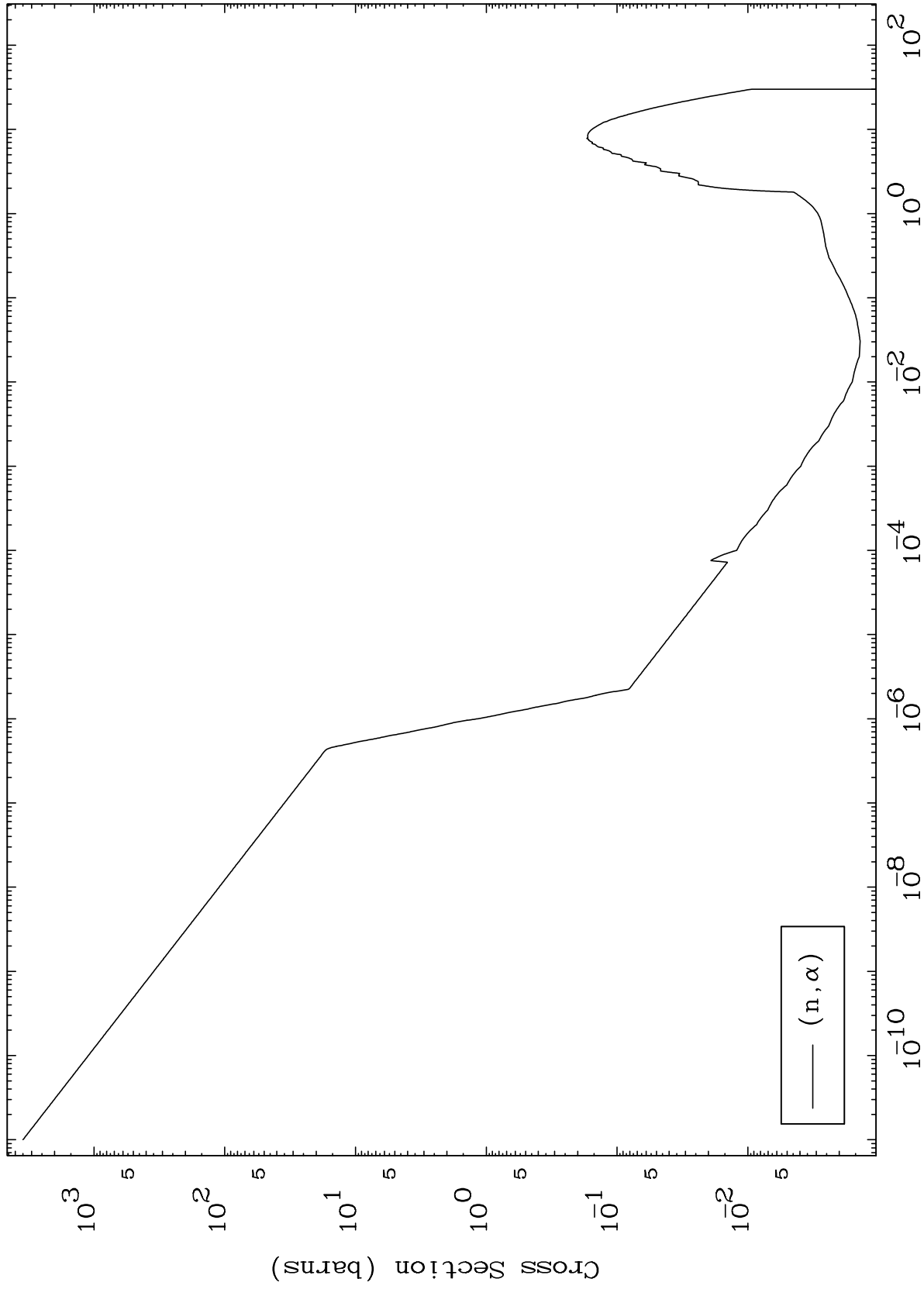


(n, He-3)

MAT 4095

(n,α) Levels  
293 Kelvin Cross Sections

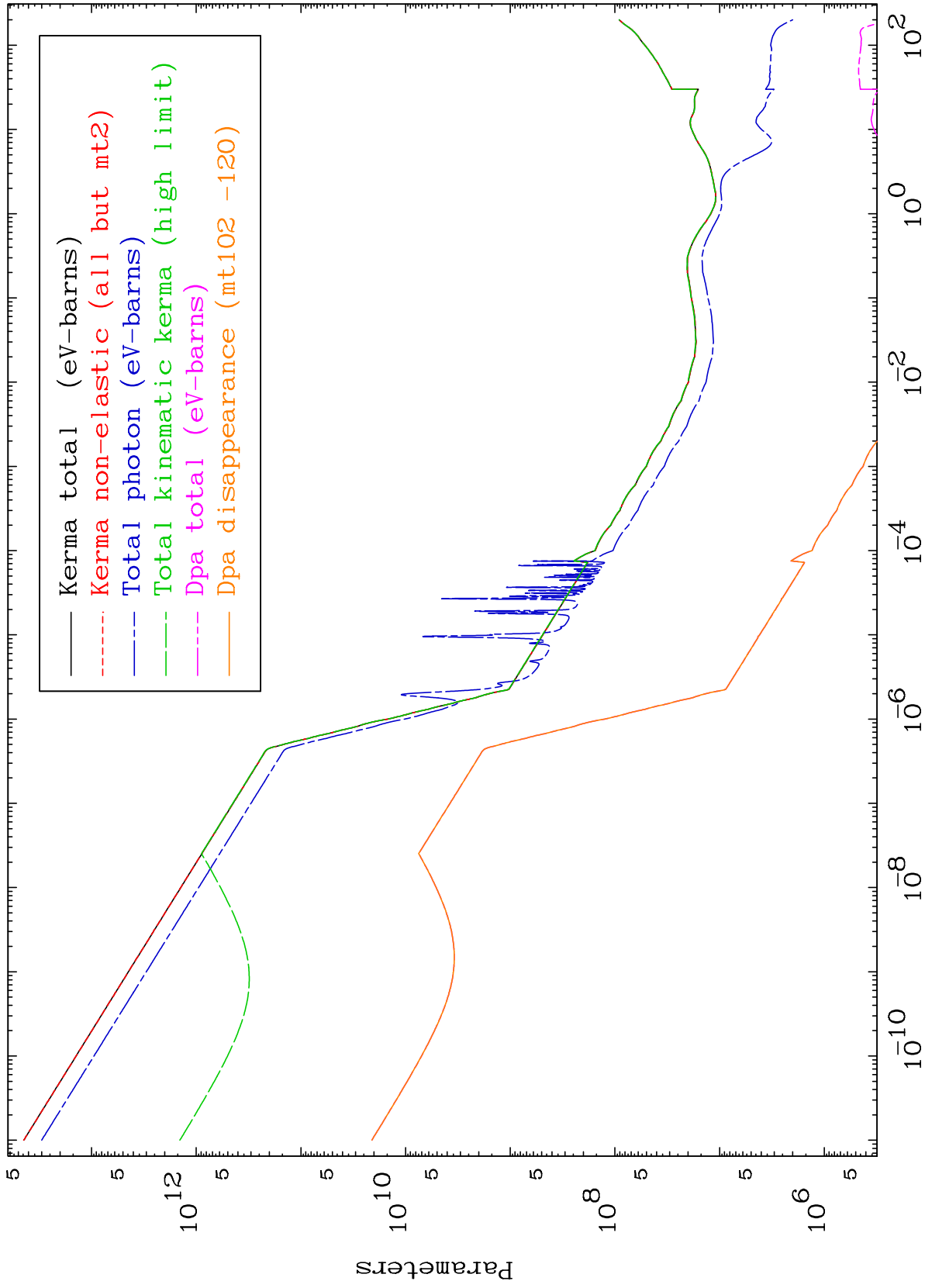
41-Nb-83



13

Incident Energy (MeV)

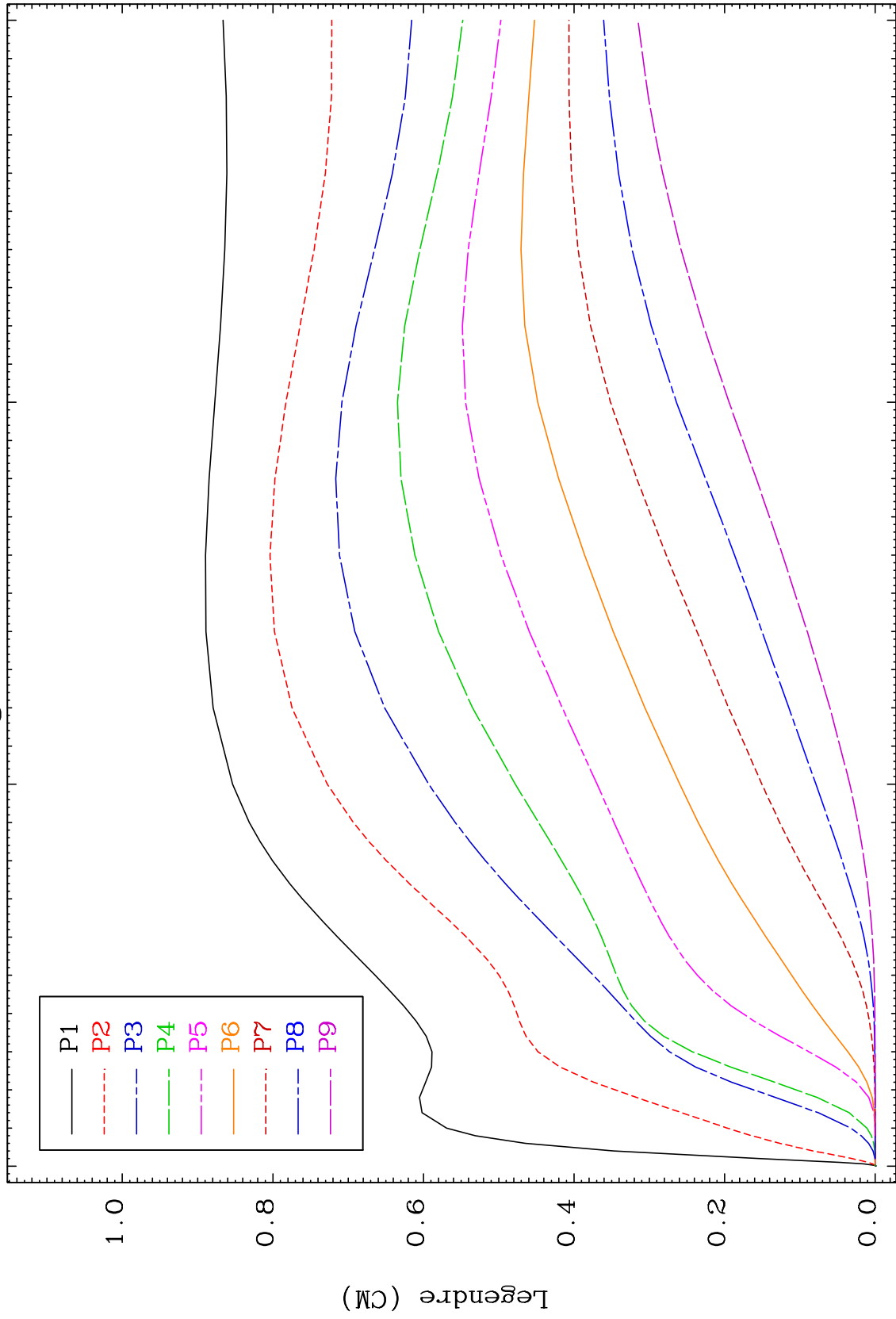
41-Nb-83



MAT 4095

Elastic Legendre Coefficients

41-Nb-83



15

0

10

20

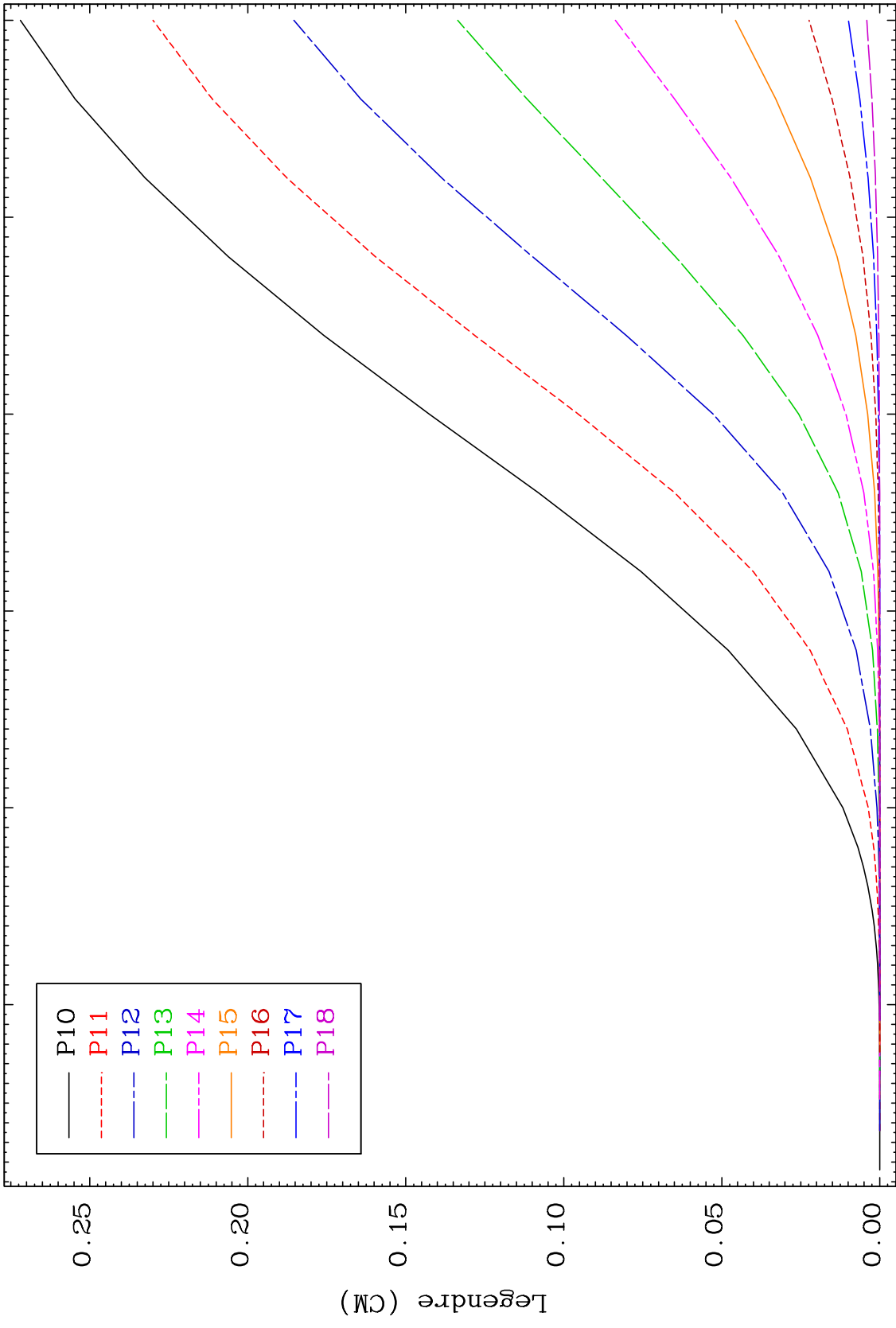
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MAT 4095

Elastic Legendre Coefficients

41-Nb-83



16

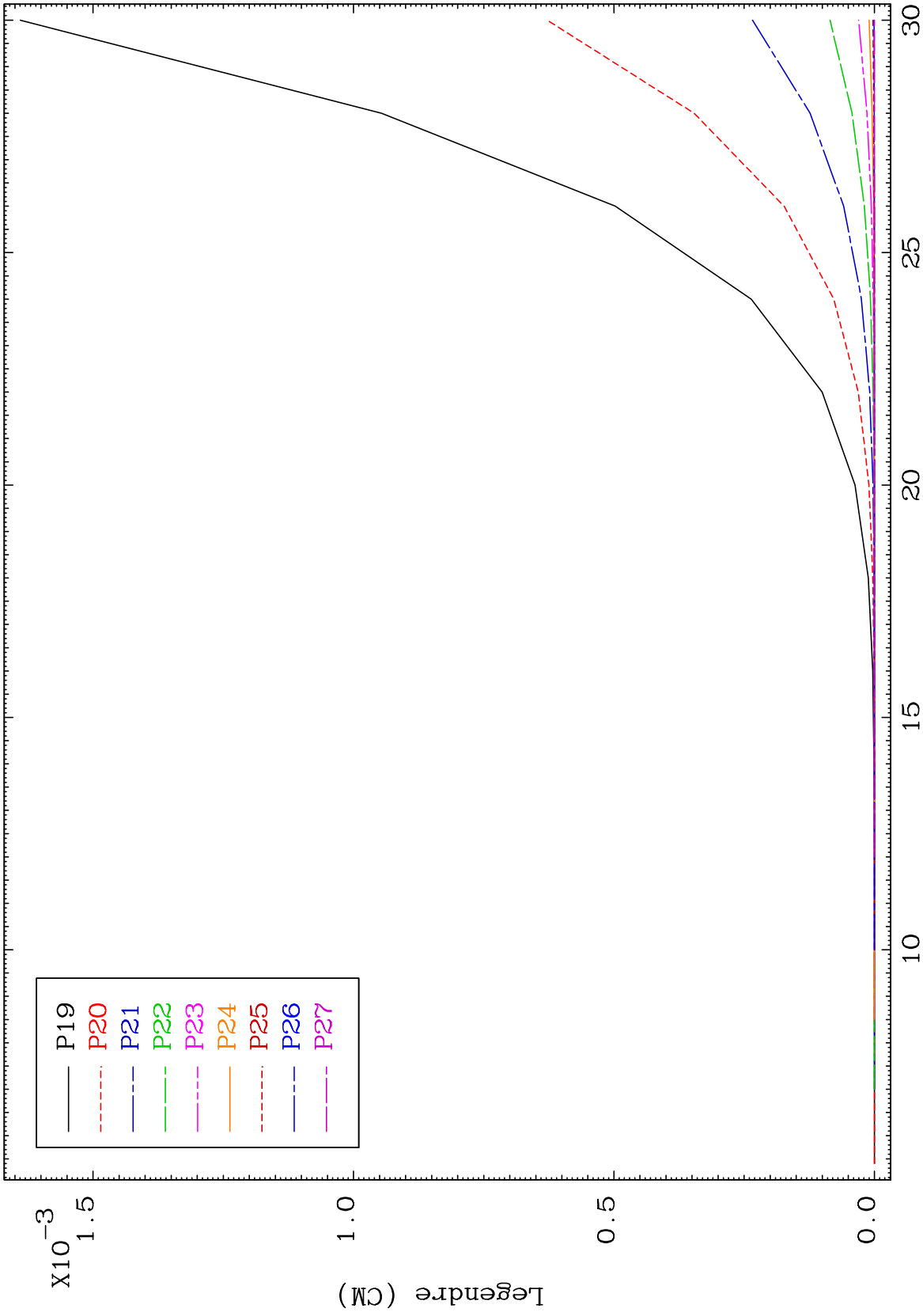
Incident Energy (MeV)

41-Nb-83

MAT 4095

### Elastic Legendre Coefficients

41-Nb-83



17

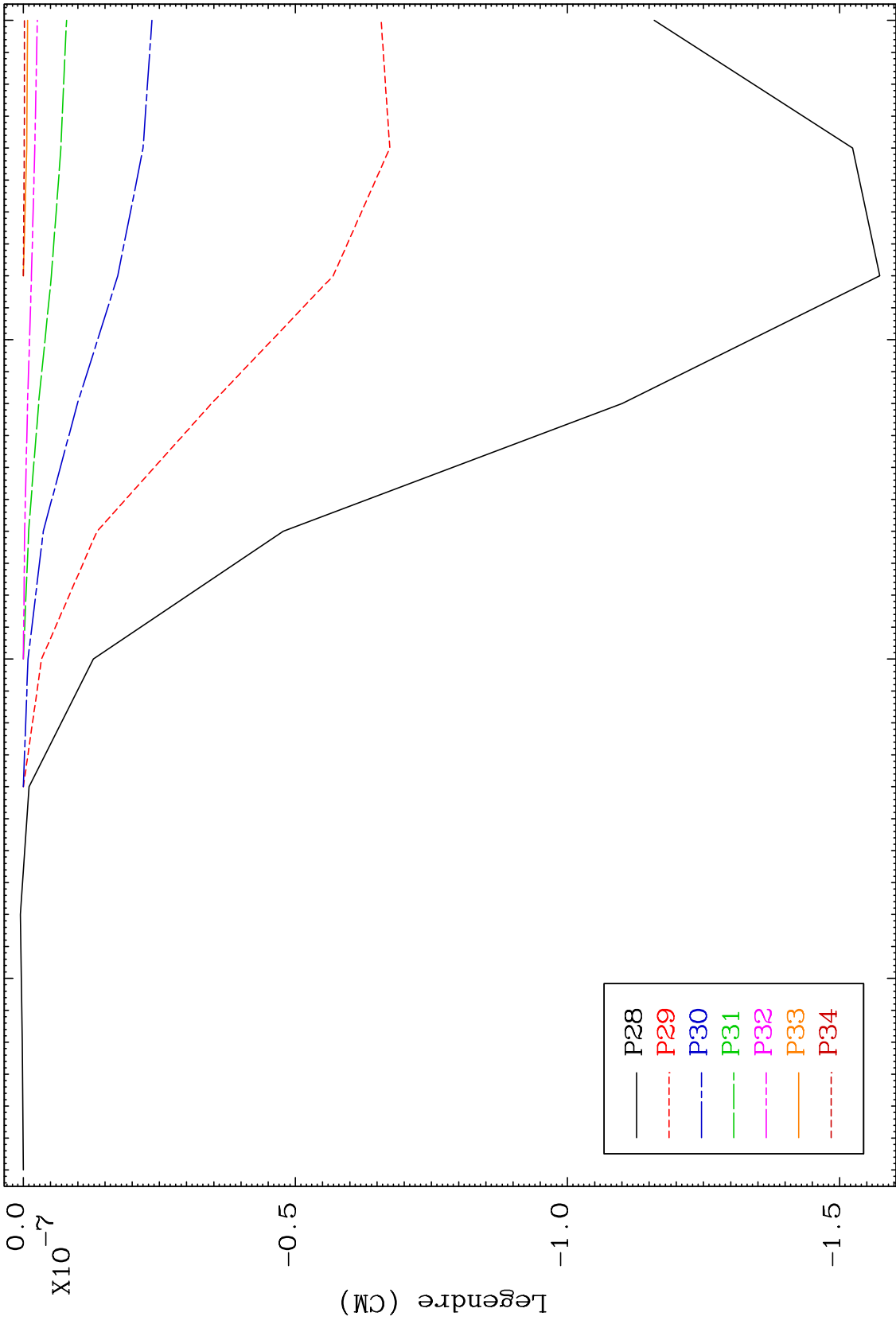
Incident Energy (MeV)

41-Nb-83

MAT 4095

41-Nb-83

Elastic Legendre Coefficients



18

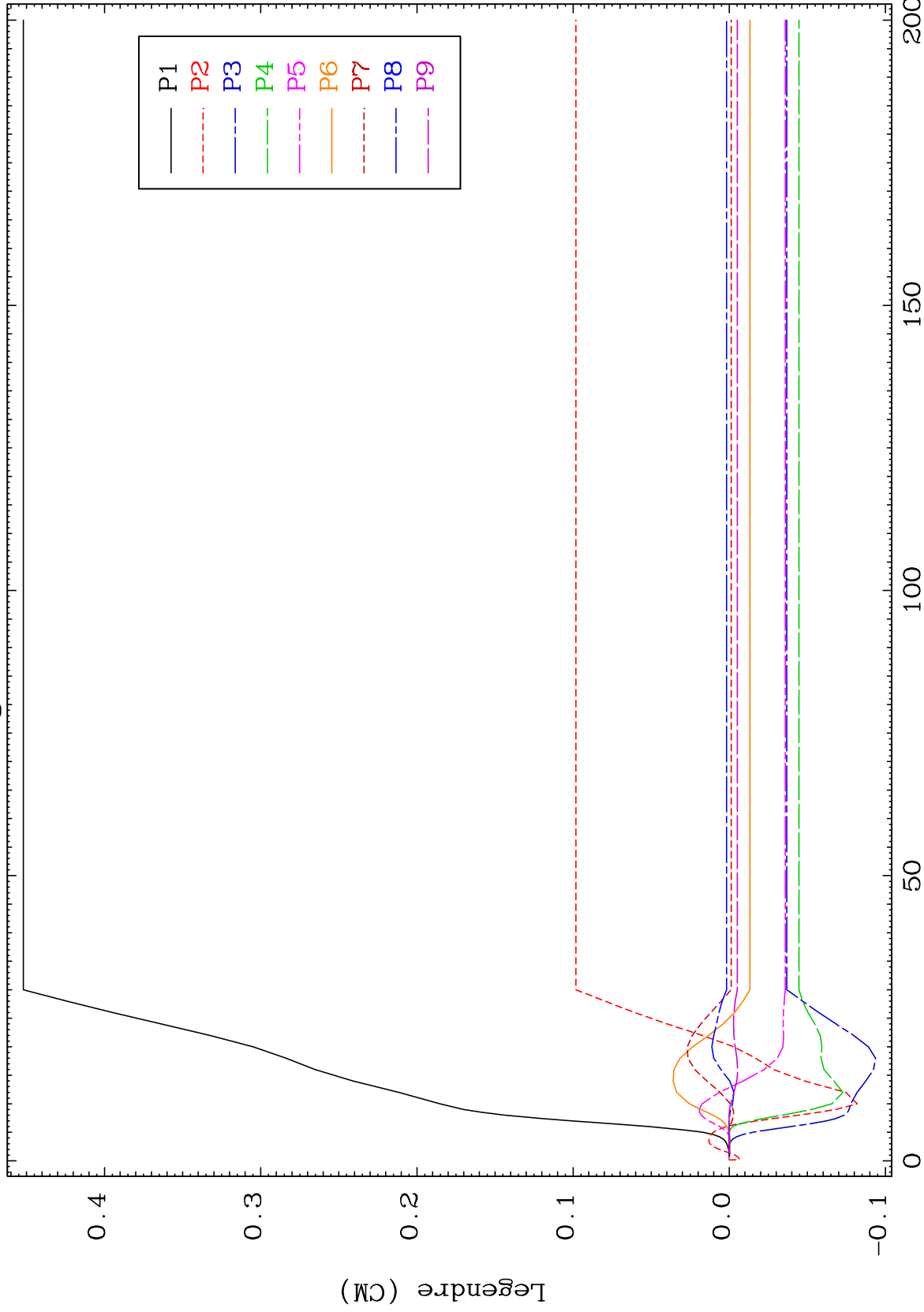
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



19

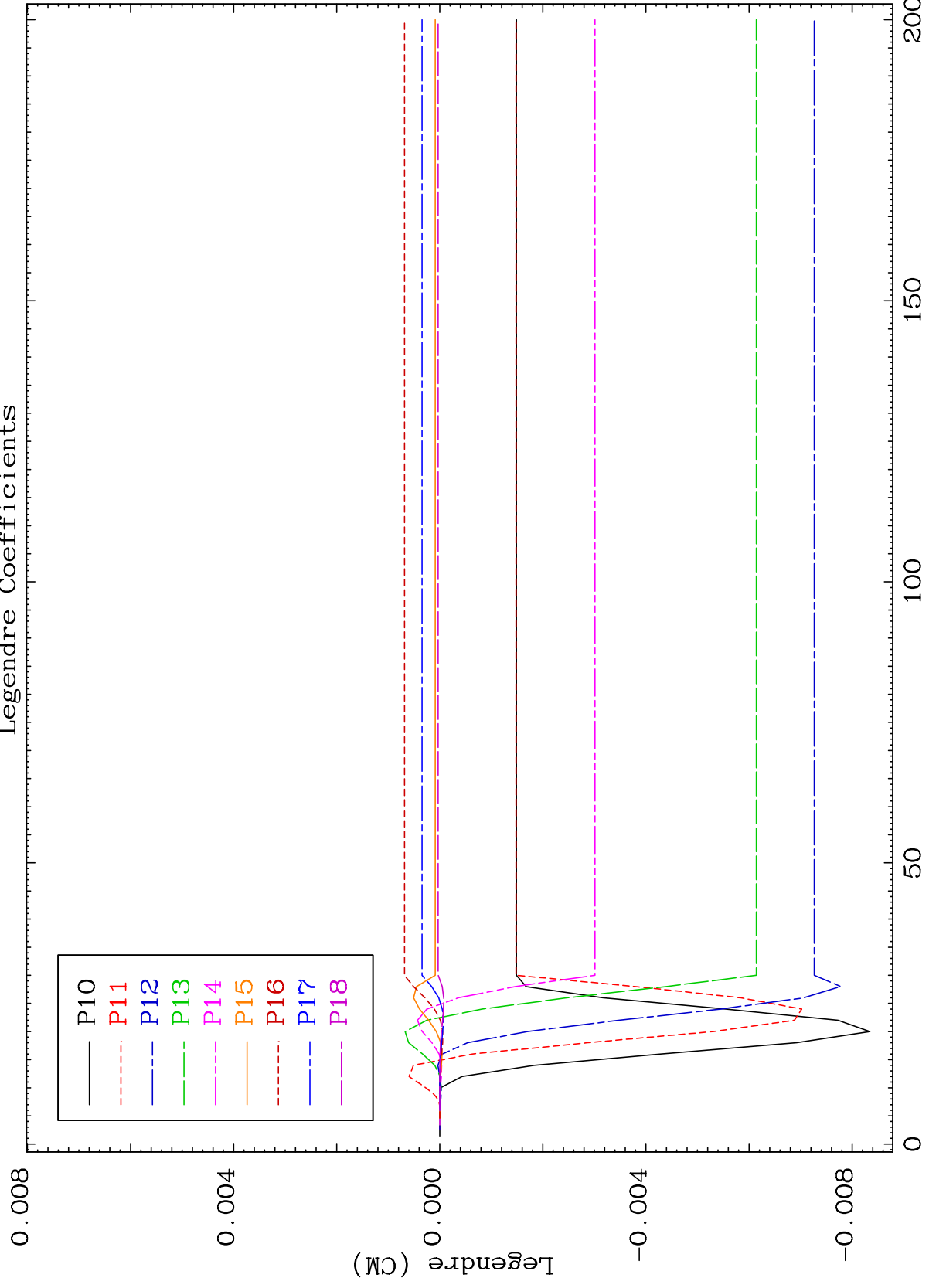
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



41-Nb-83

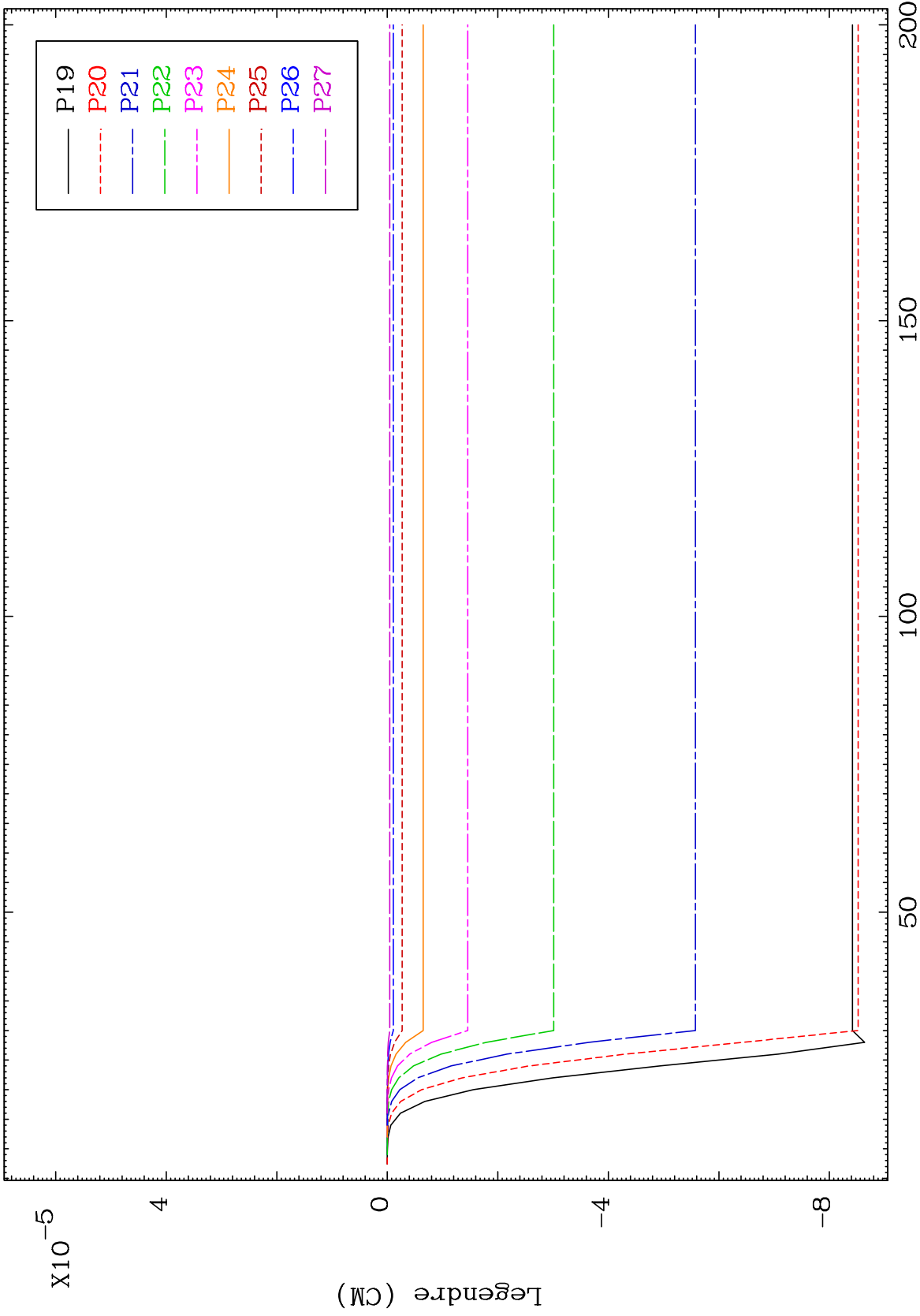
Incident Energy (MeV)

20

MAT 4095

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

41-Nb-83



21

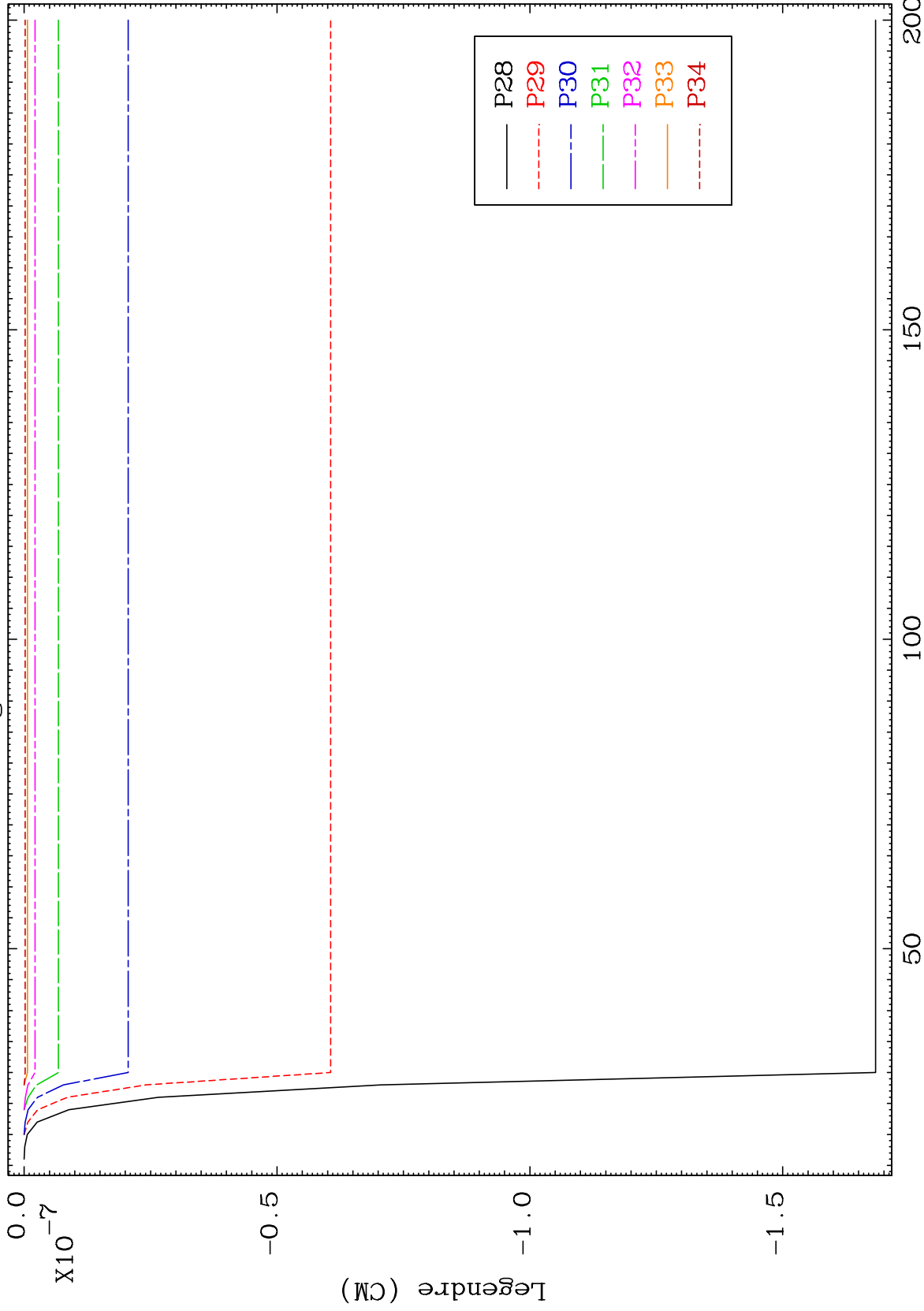
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



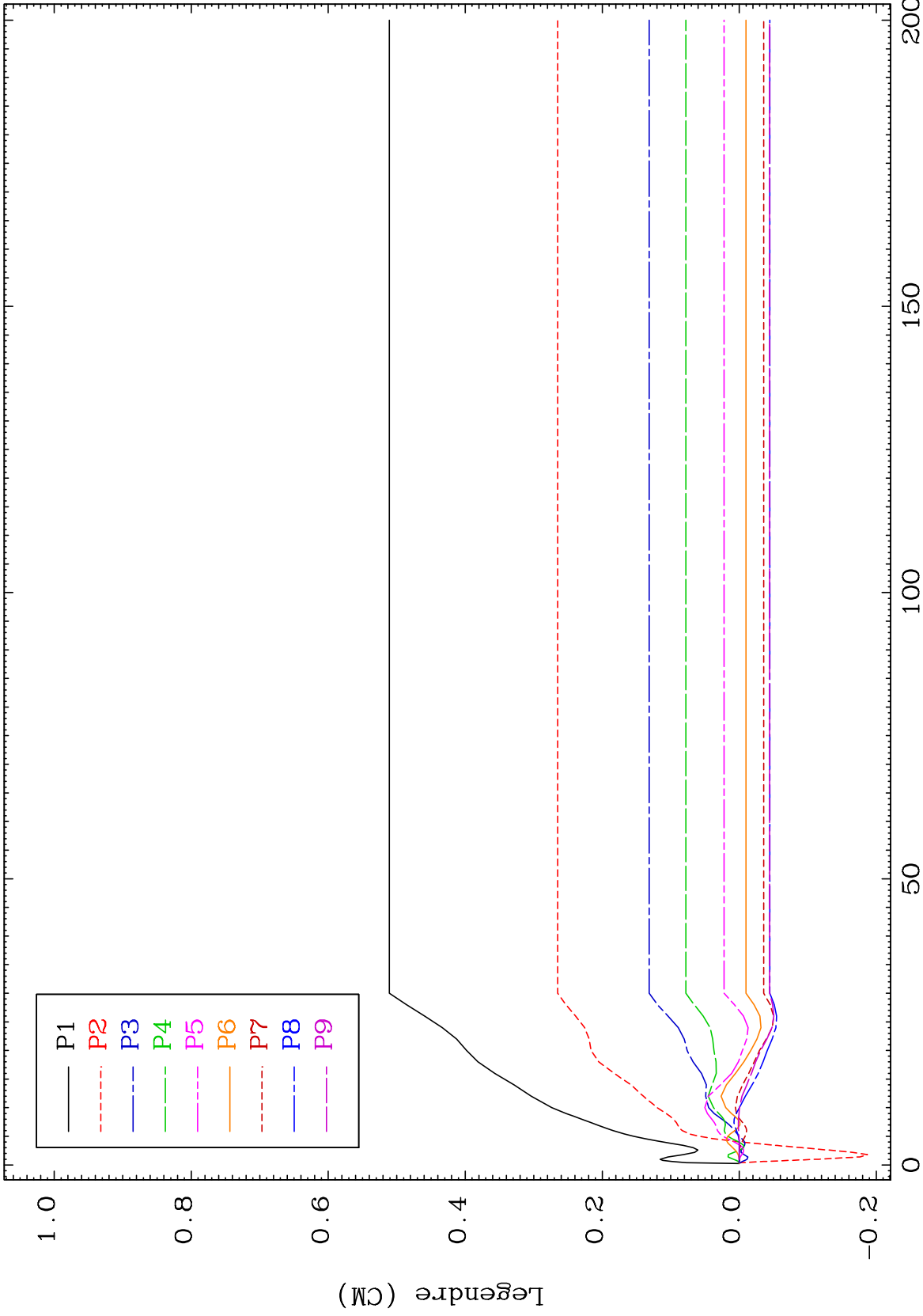
22

41-Nb-83

MAT 4095

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

41-Nb-83



23

Incident Energy (MeV)

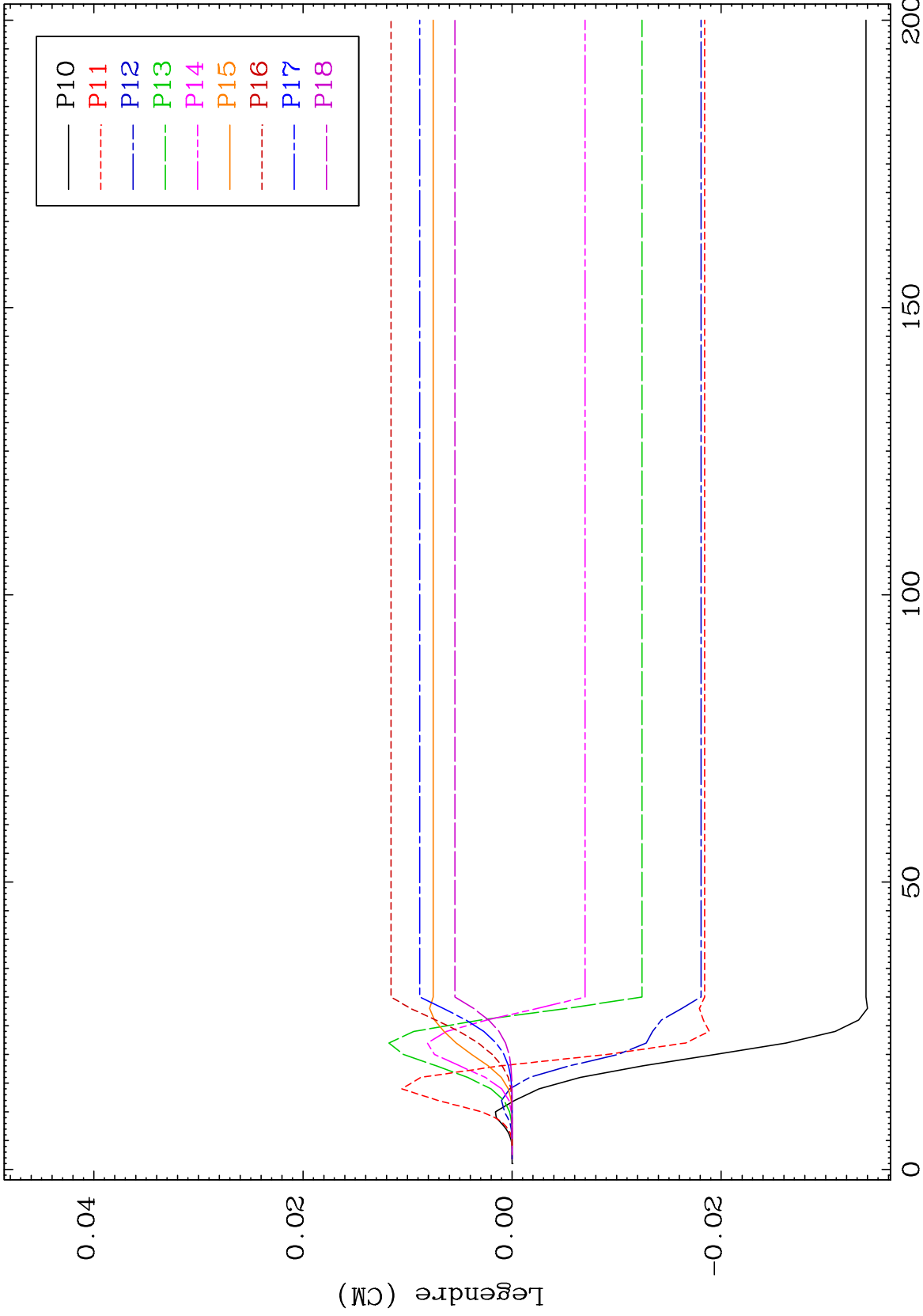
41-Nb-83



MAT 4095

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

41-Nb-83



24

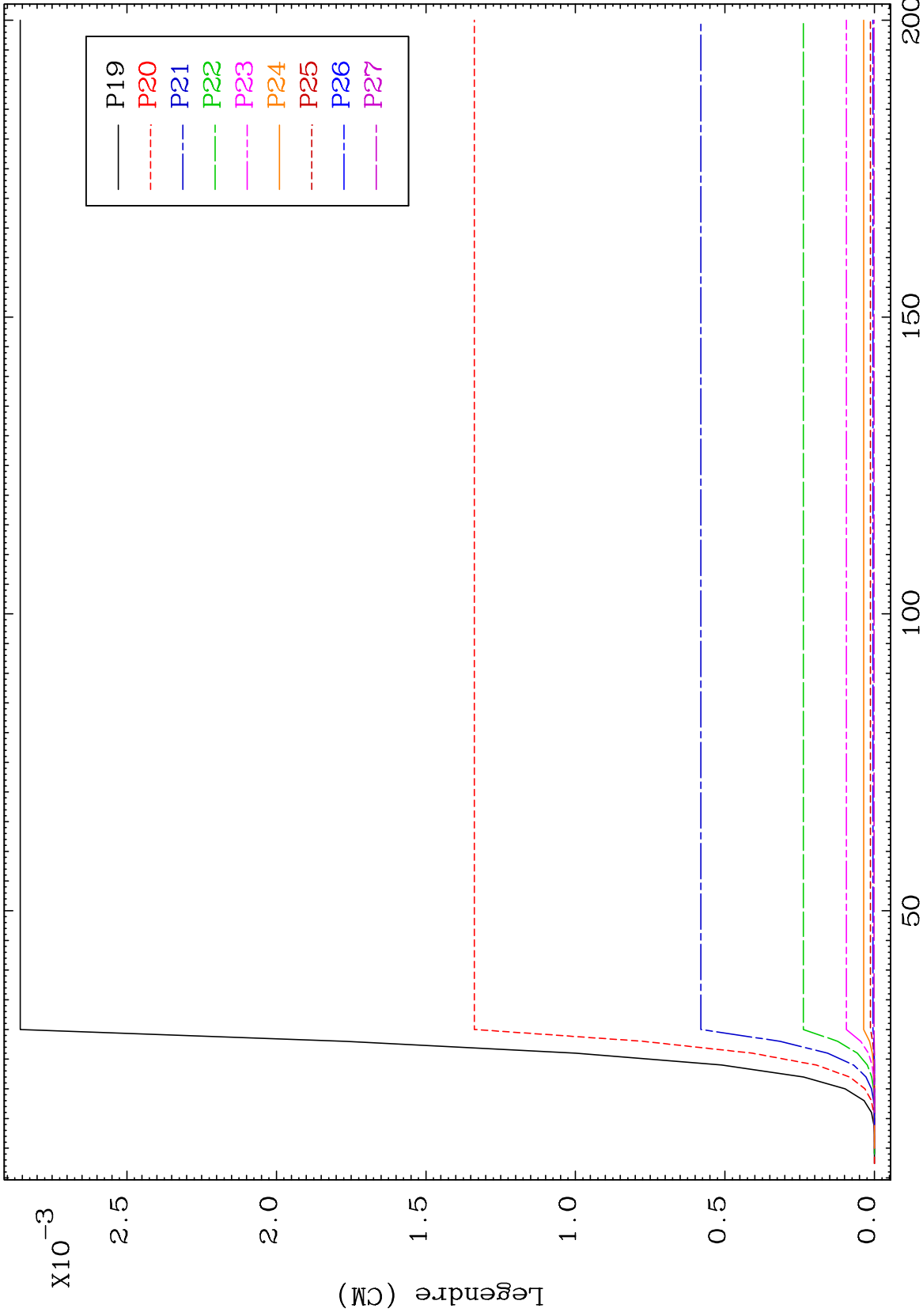
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



25

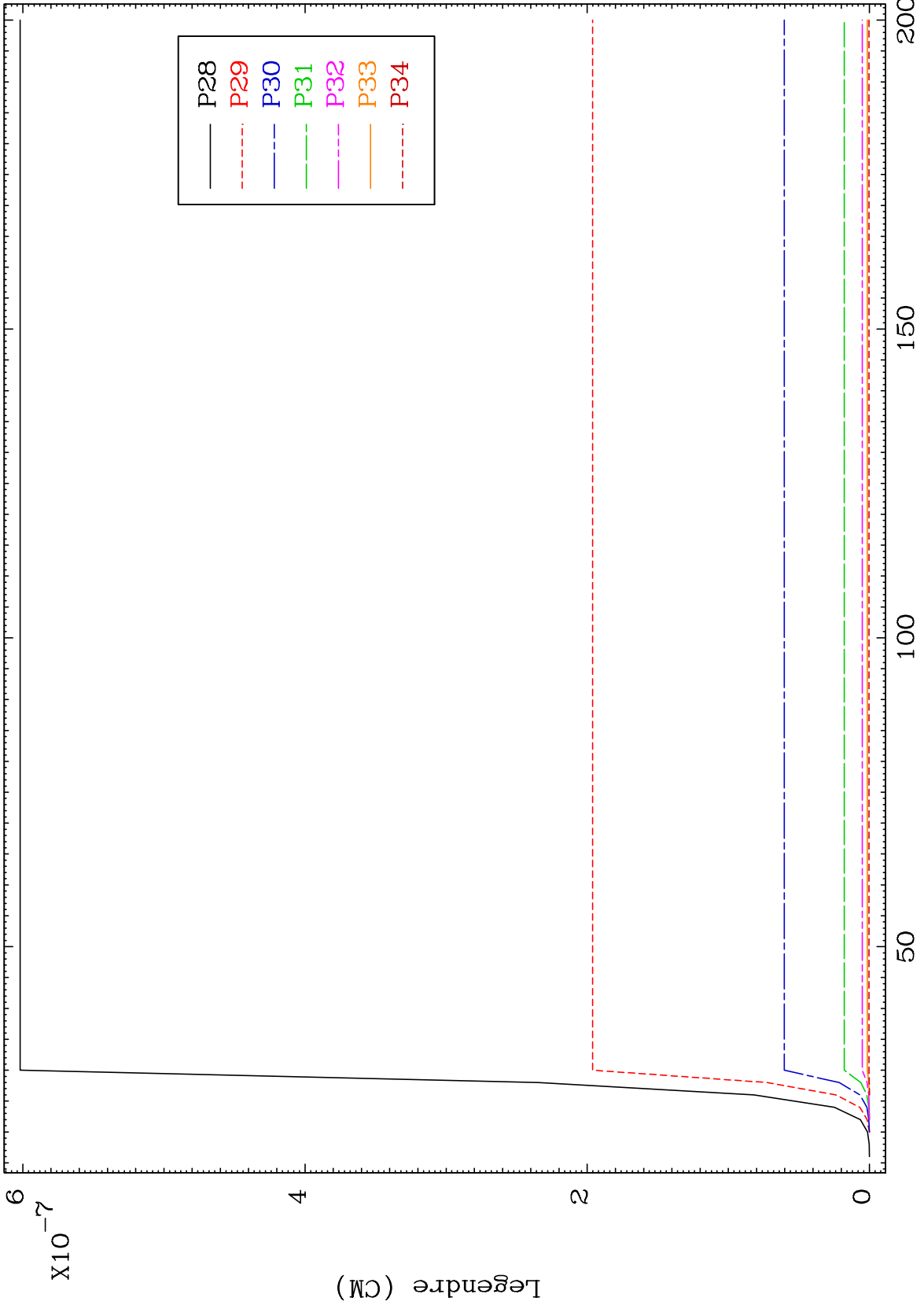
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



26

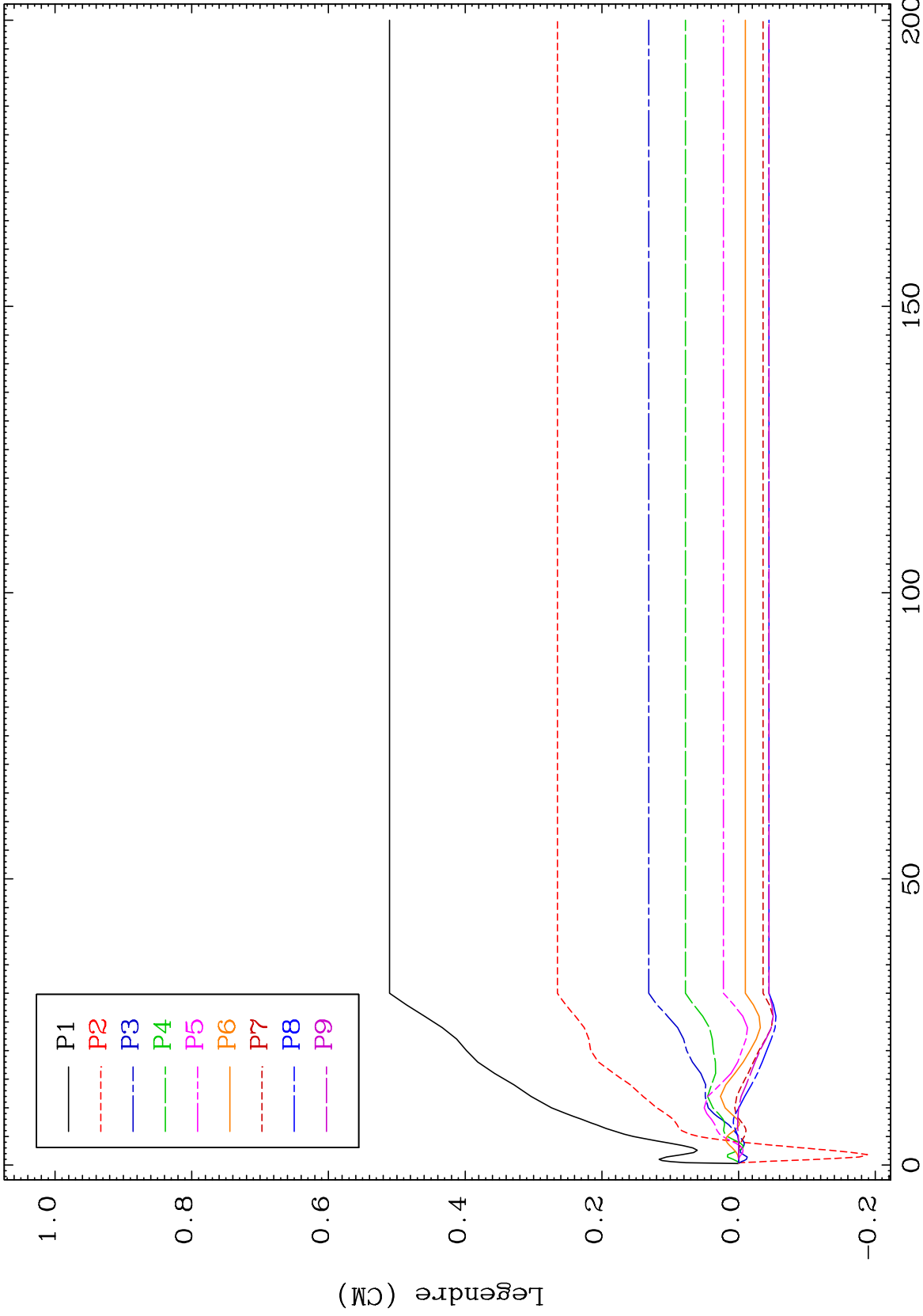
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



27

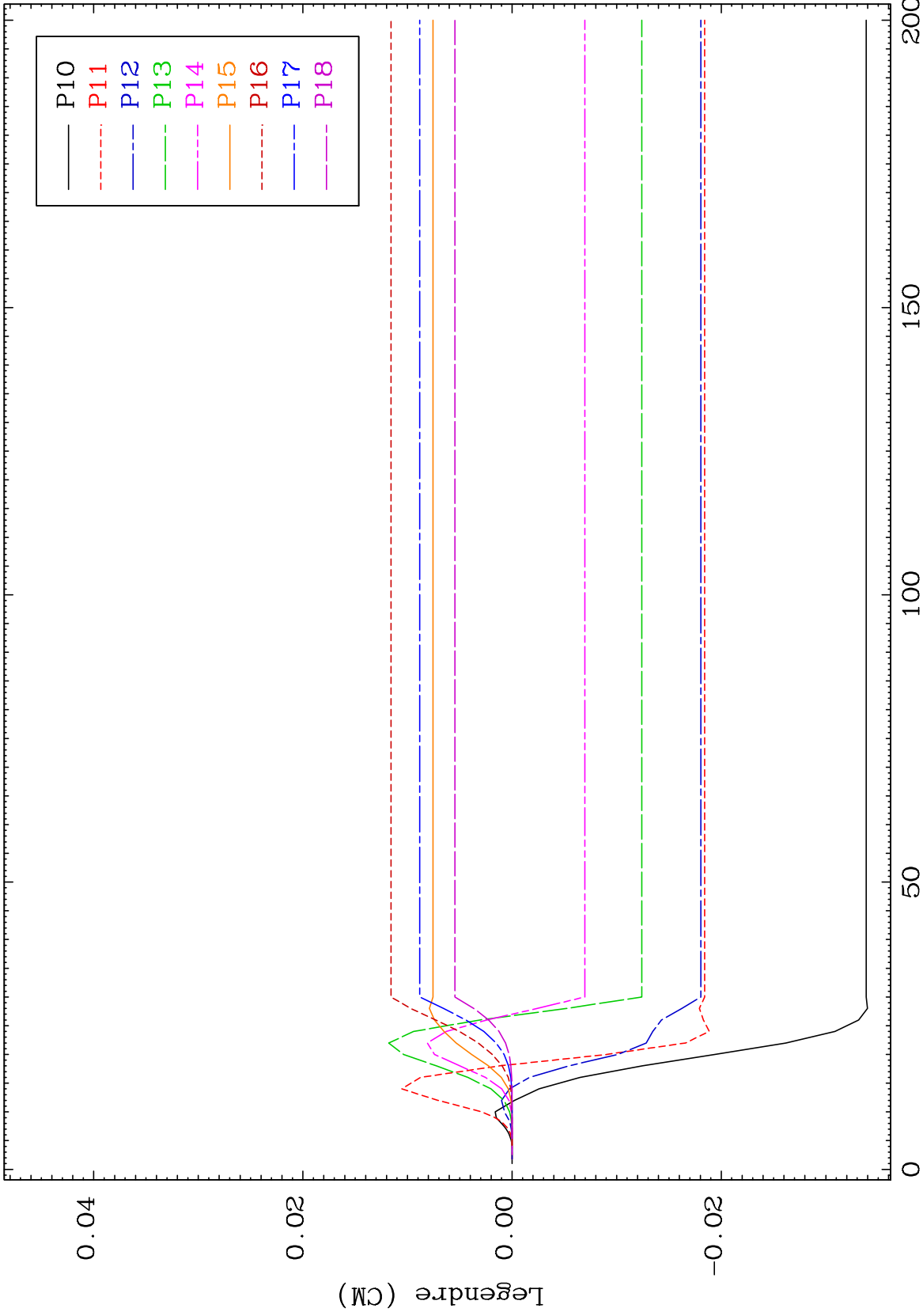
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



28

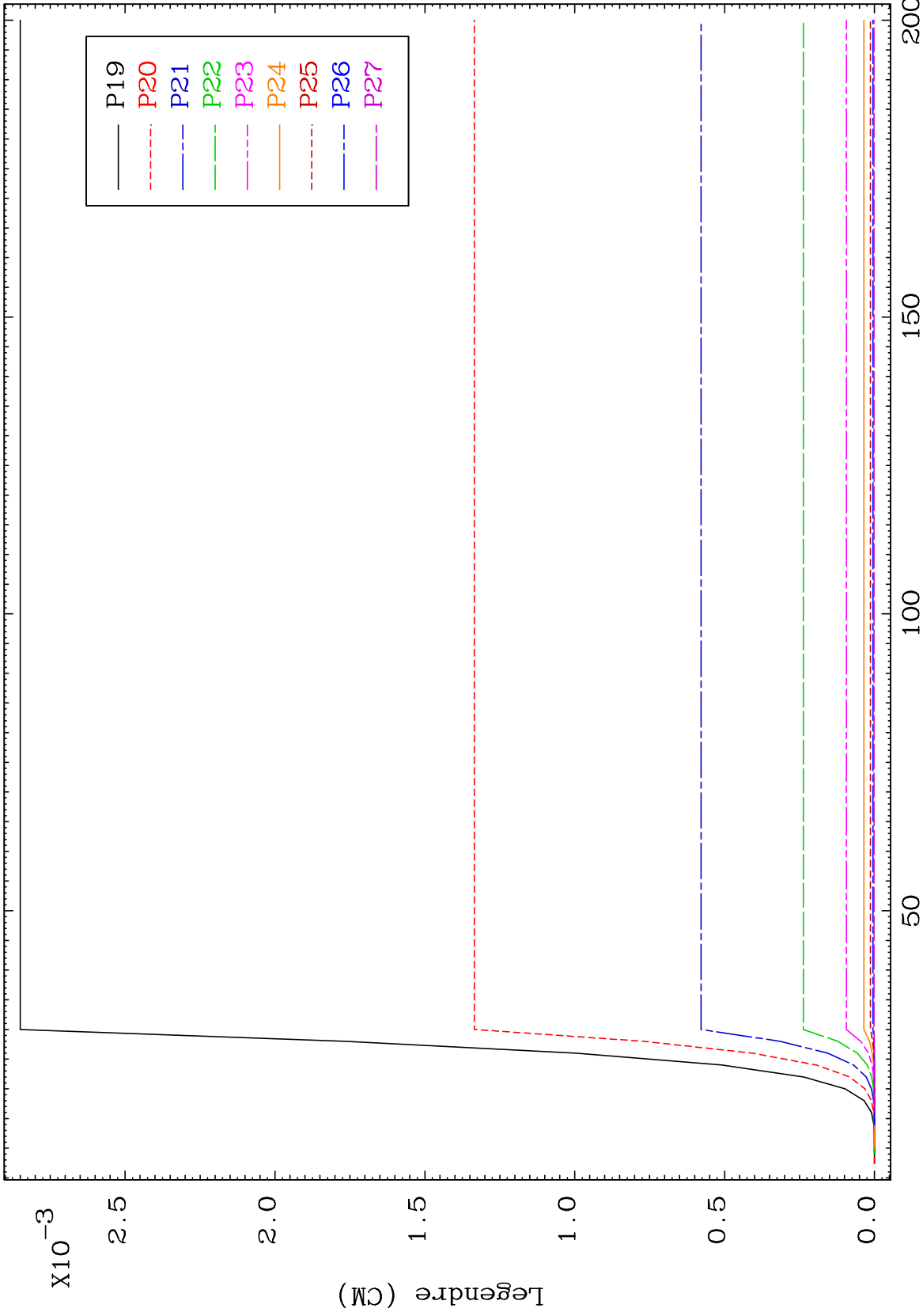
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



29

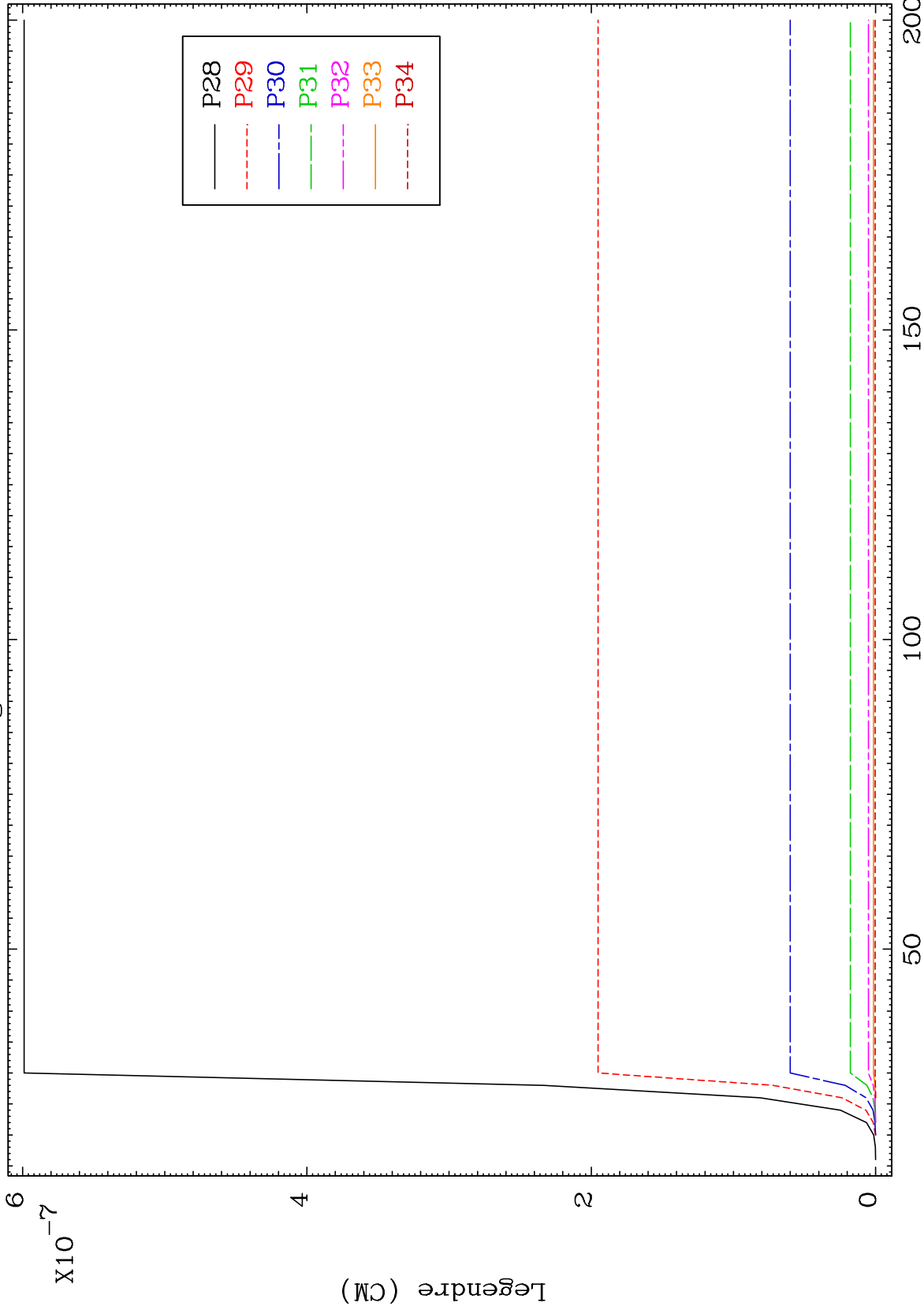
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



30

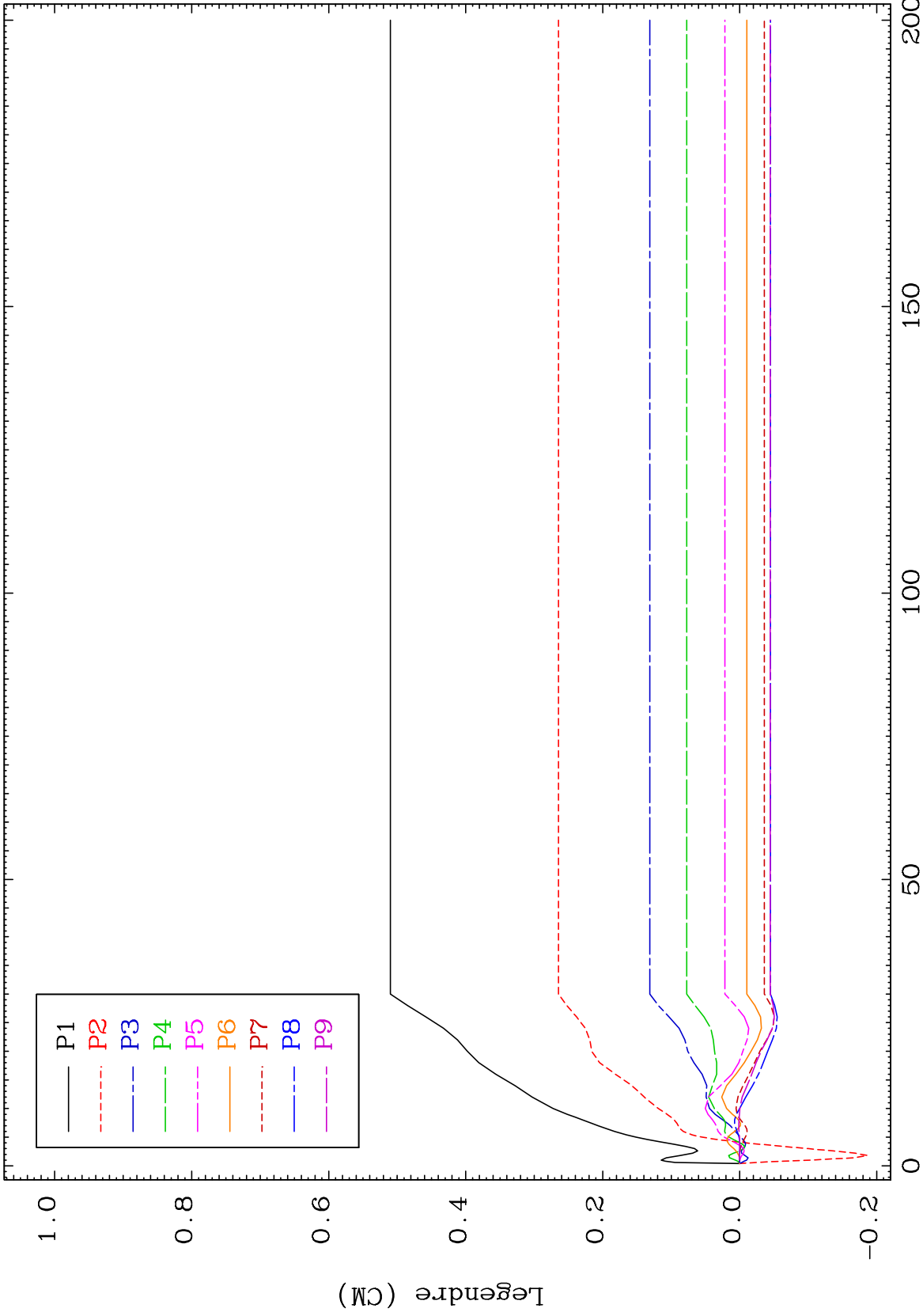
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



31

Incident Energy (MeV)

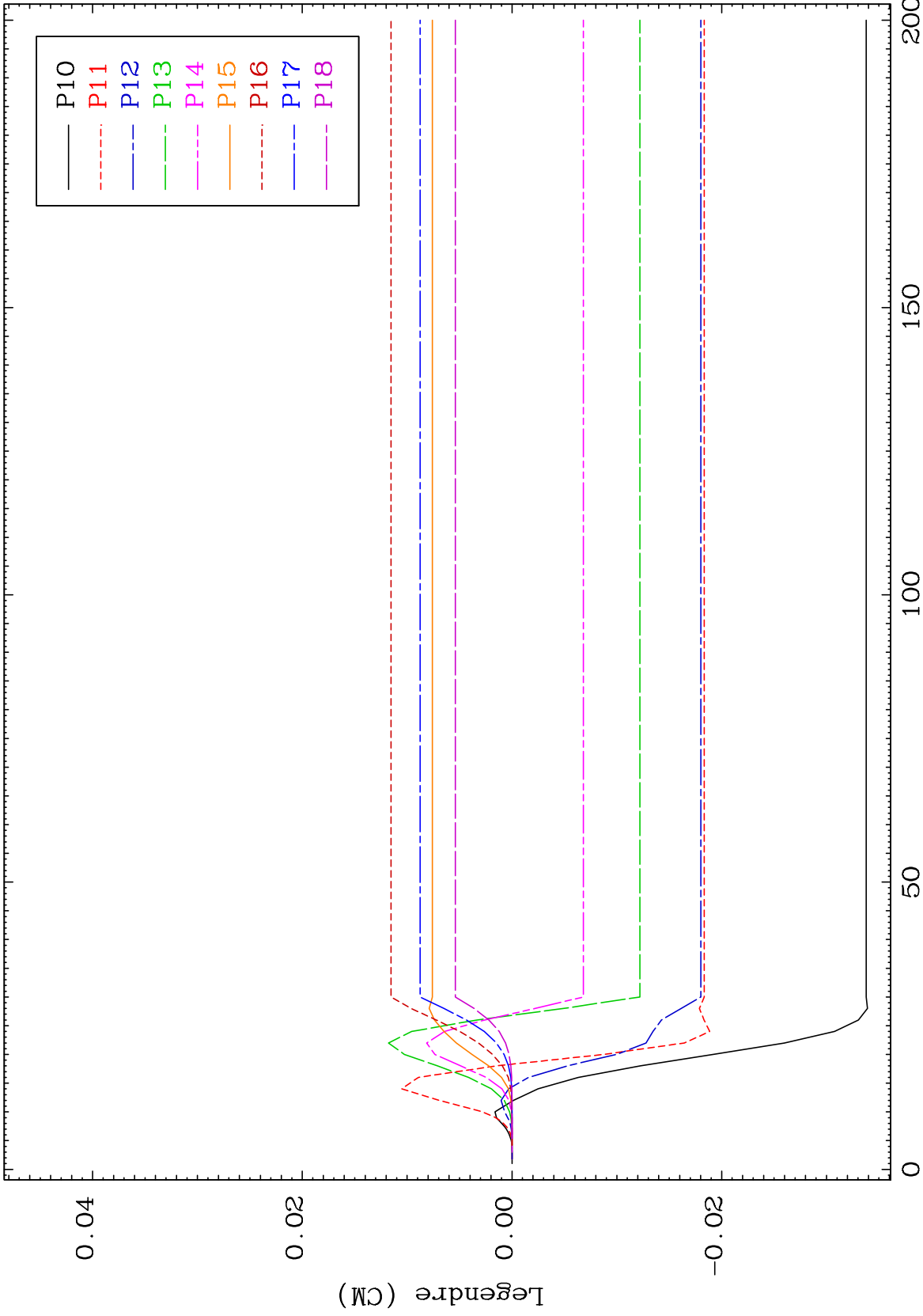
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MAT 4095

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

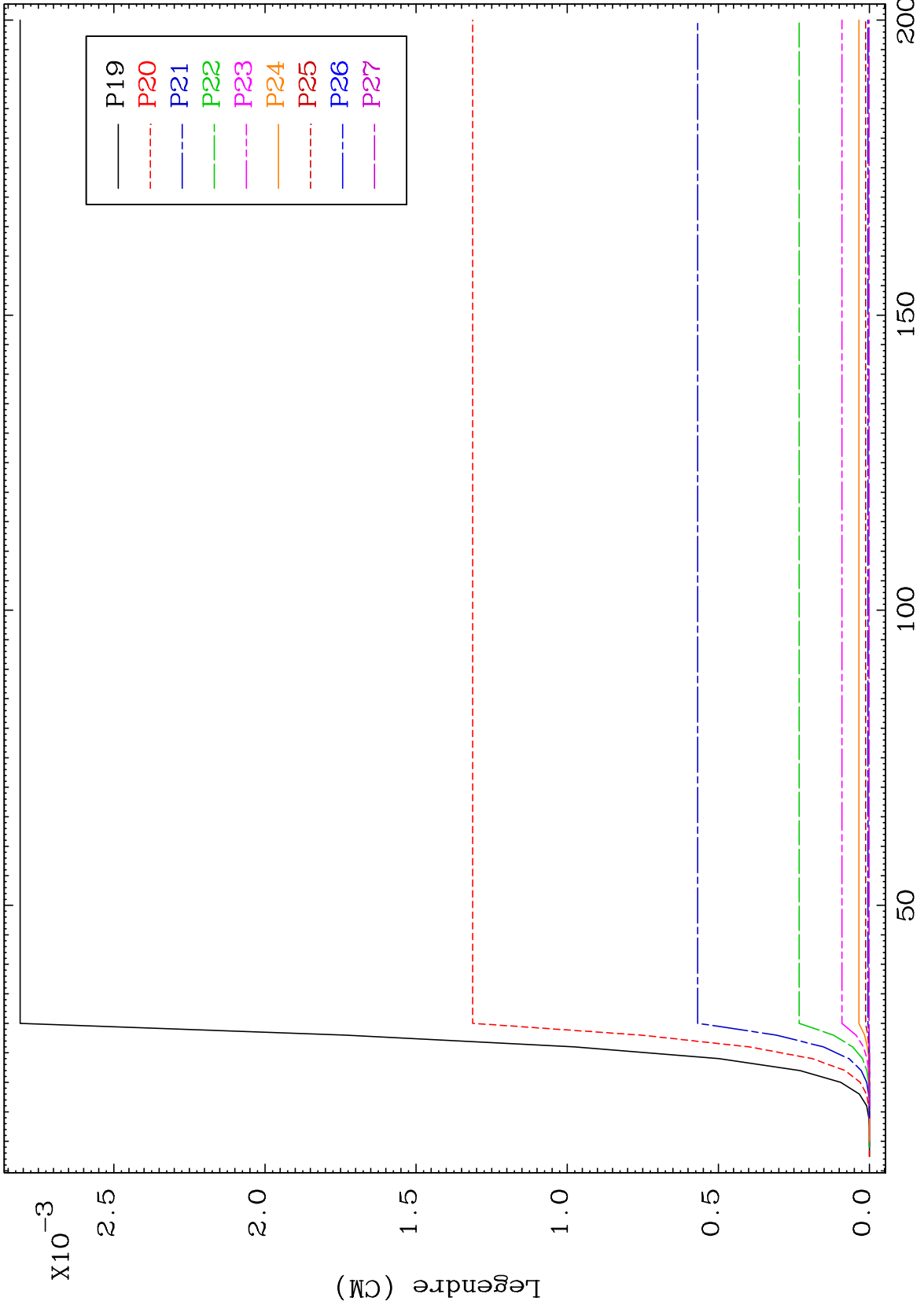
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32

Incident Energy (MeV)

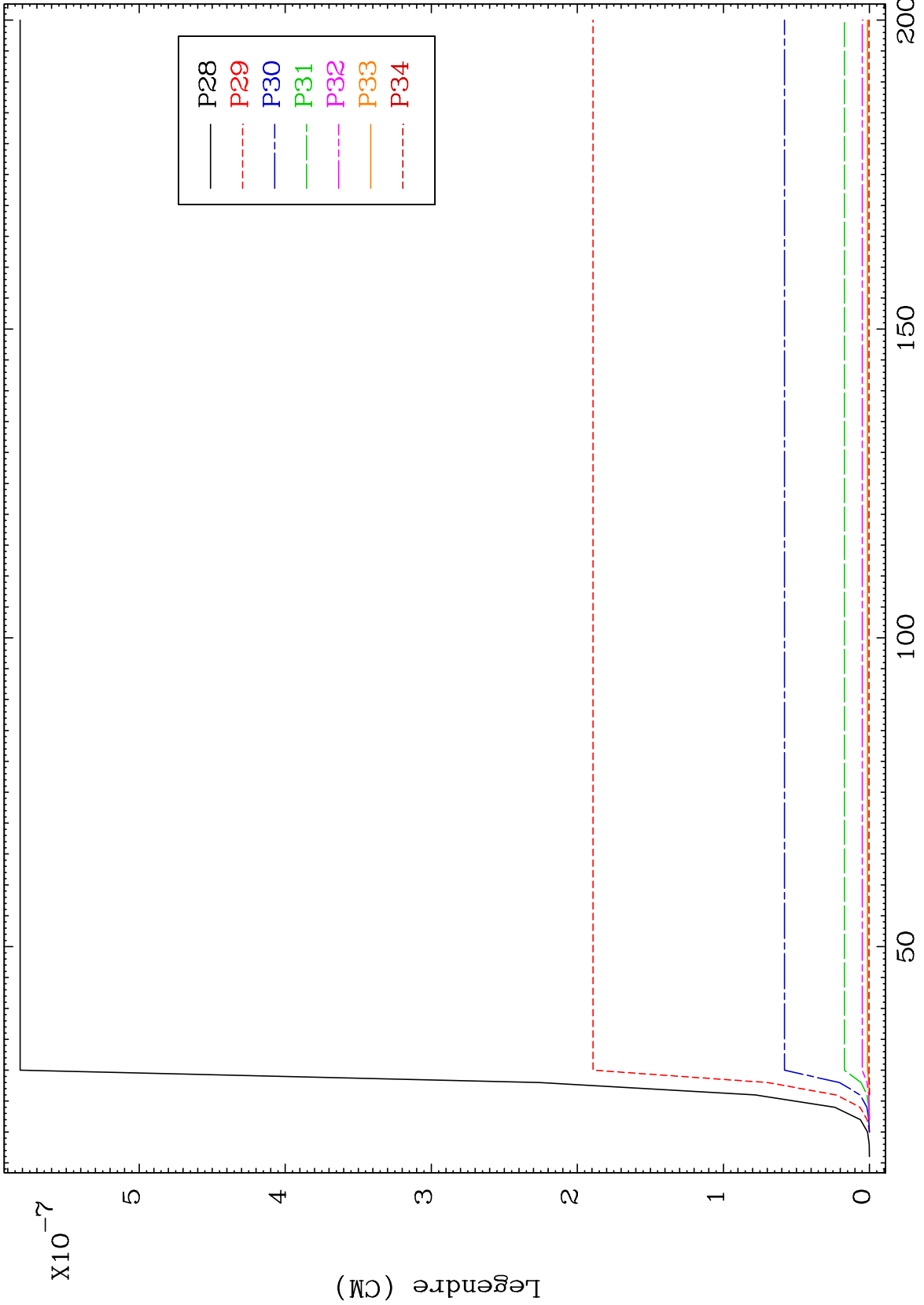
41-Nb-83



MAT 4095

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

41-Nb-83



34

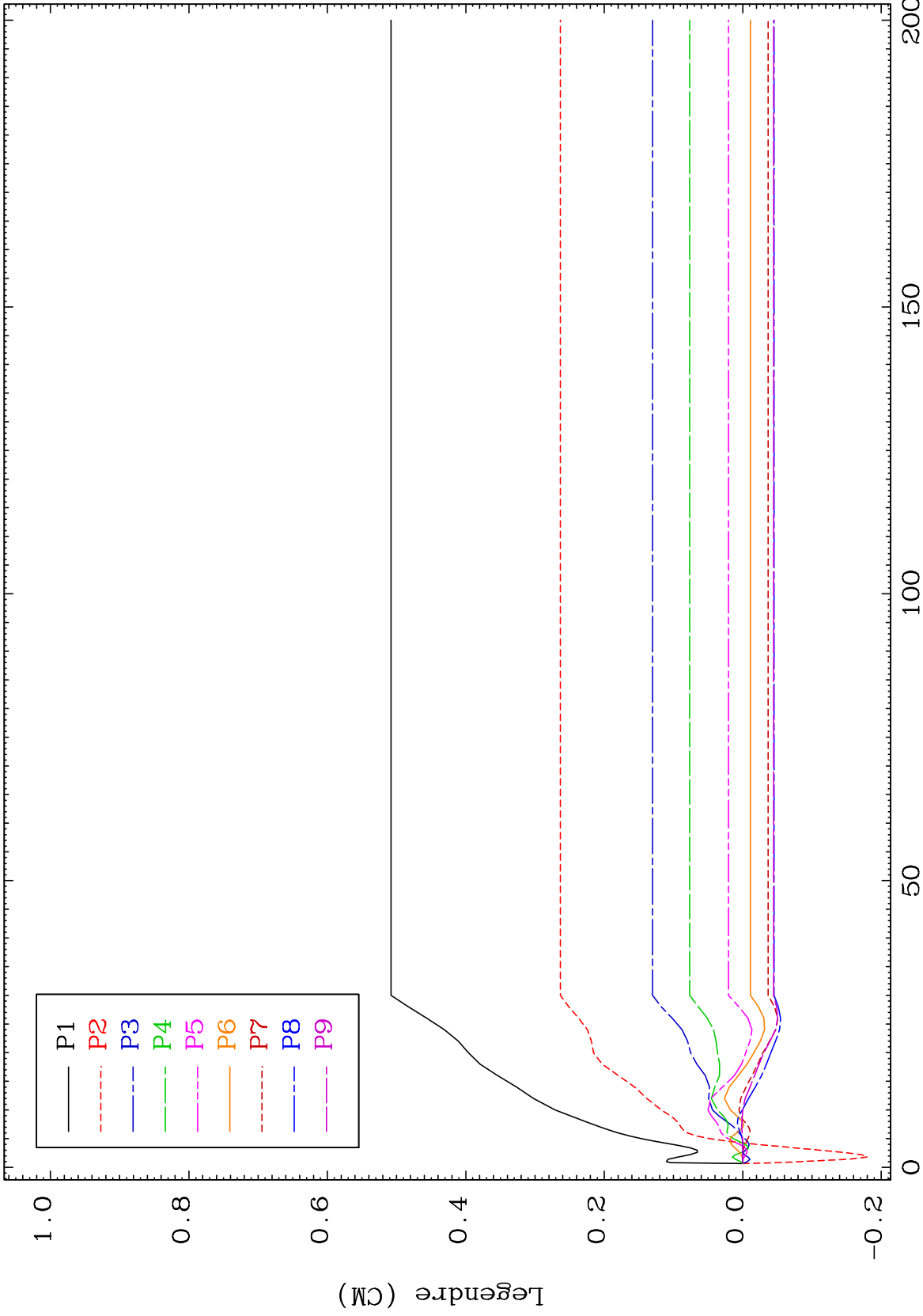
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



35

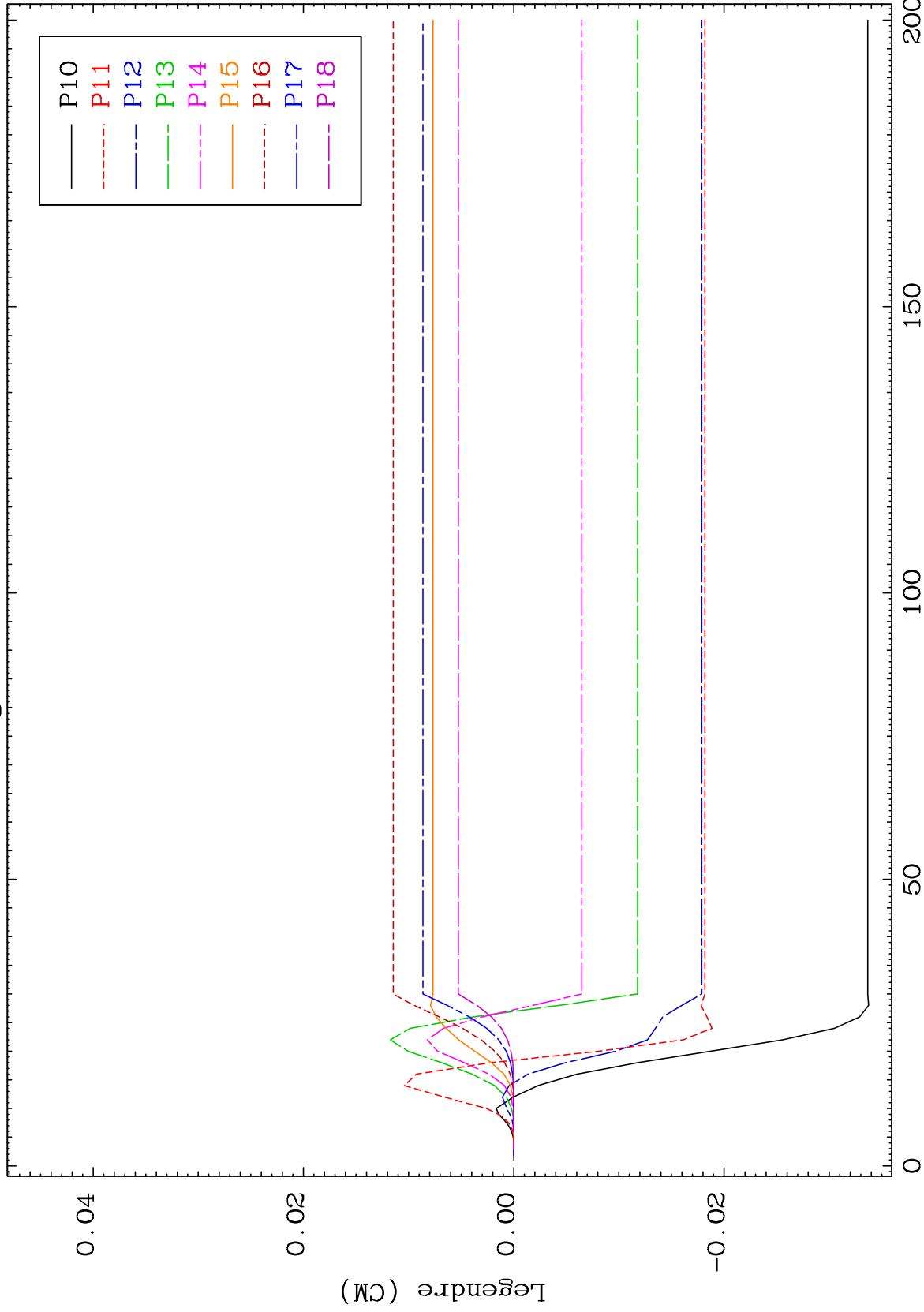
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



36

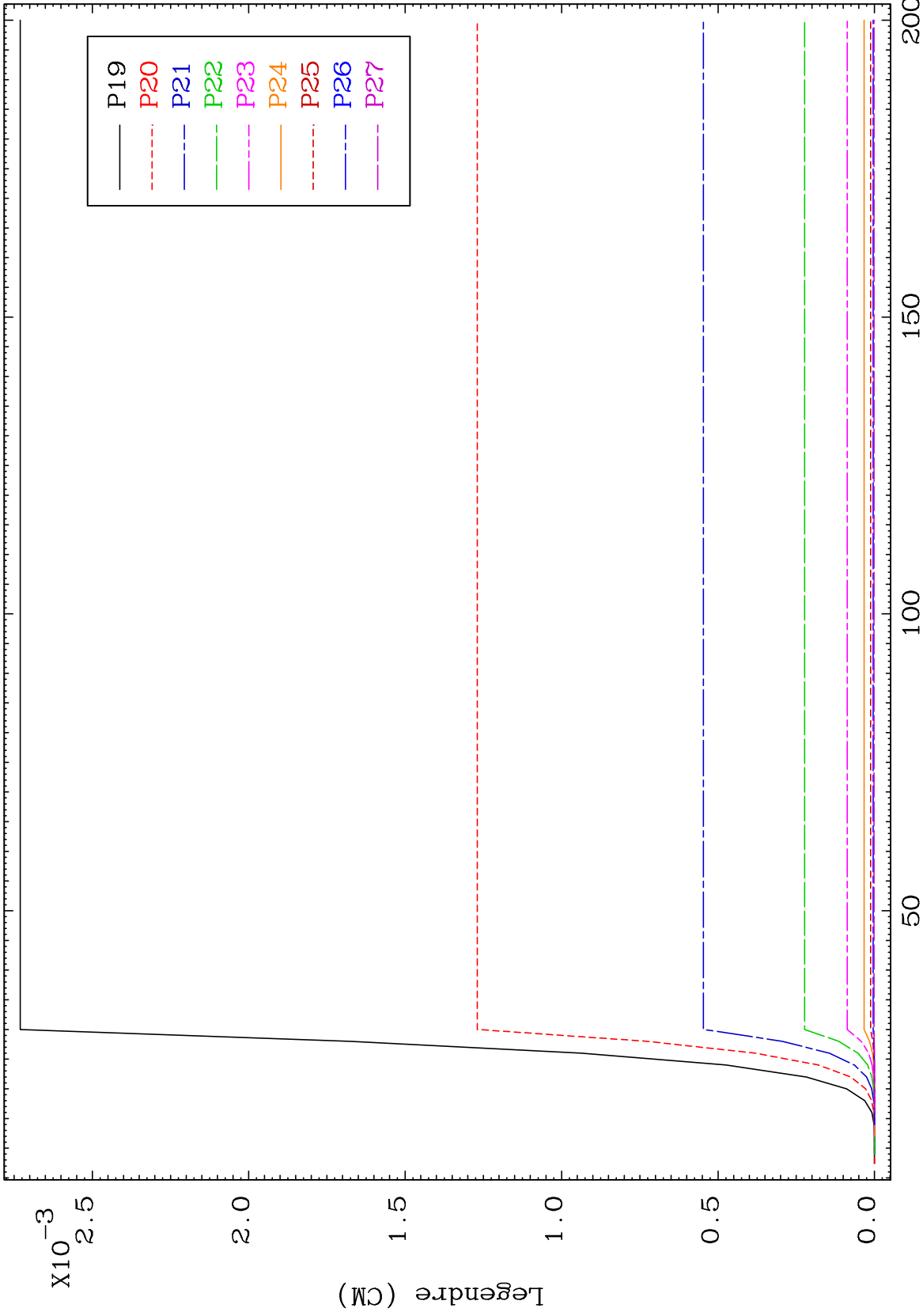
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



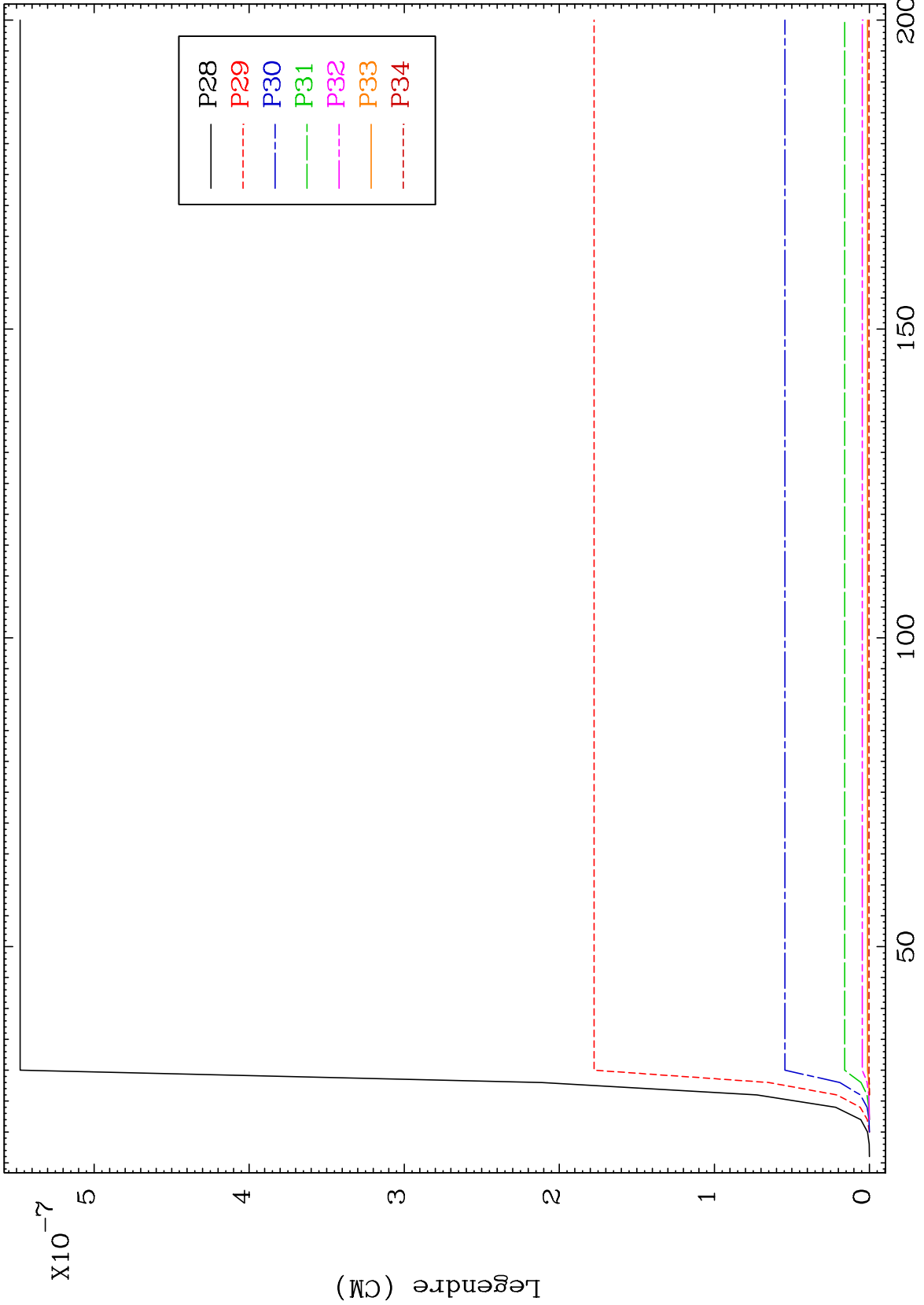
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41-Nb-83

MAT 4095

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

41-Nb-83



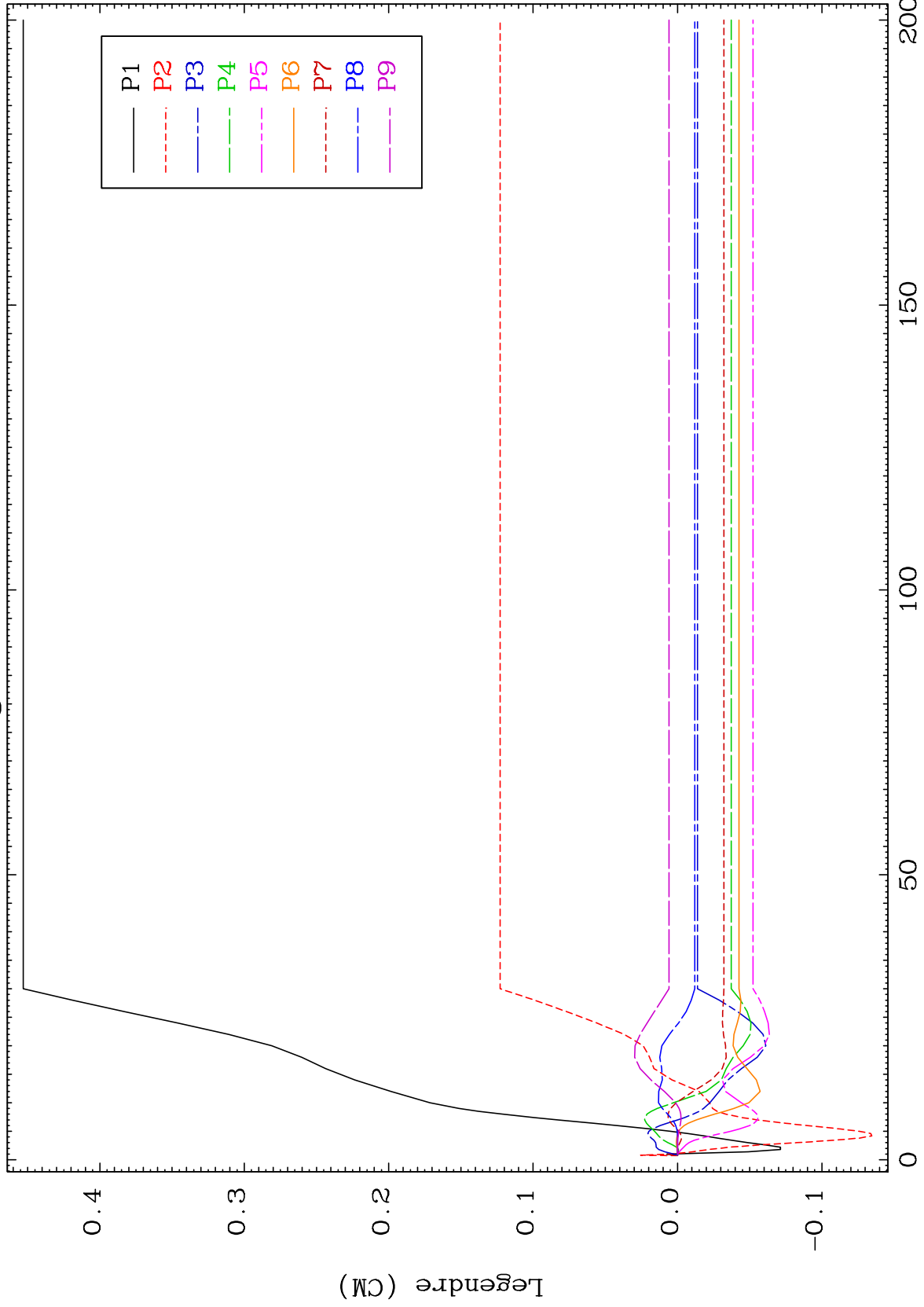
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41-Nb-83

MAT 4095

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

41-Nb-83



39

Incident Energy (MeV)

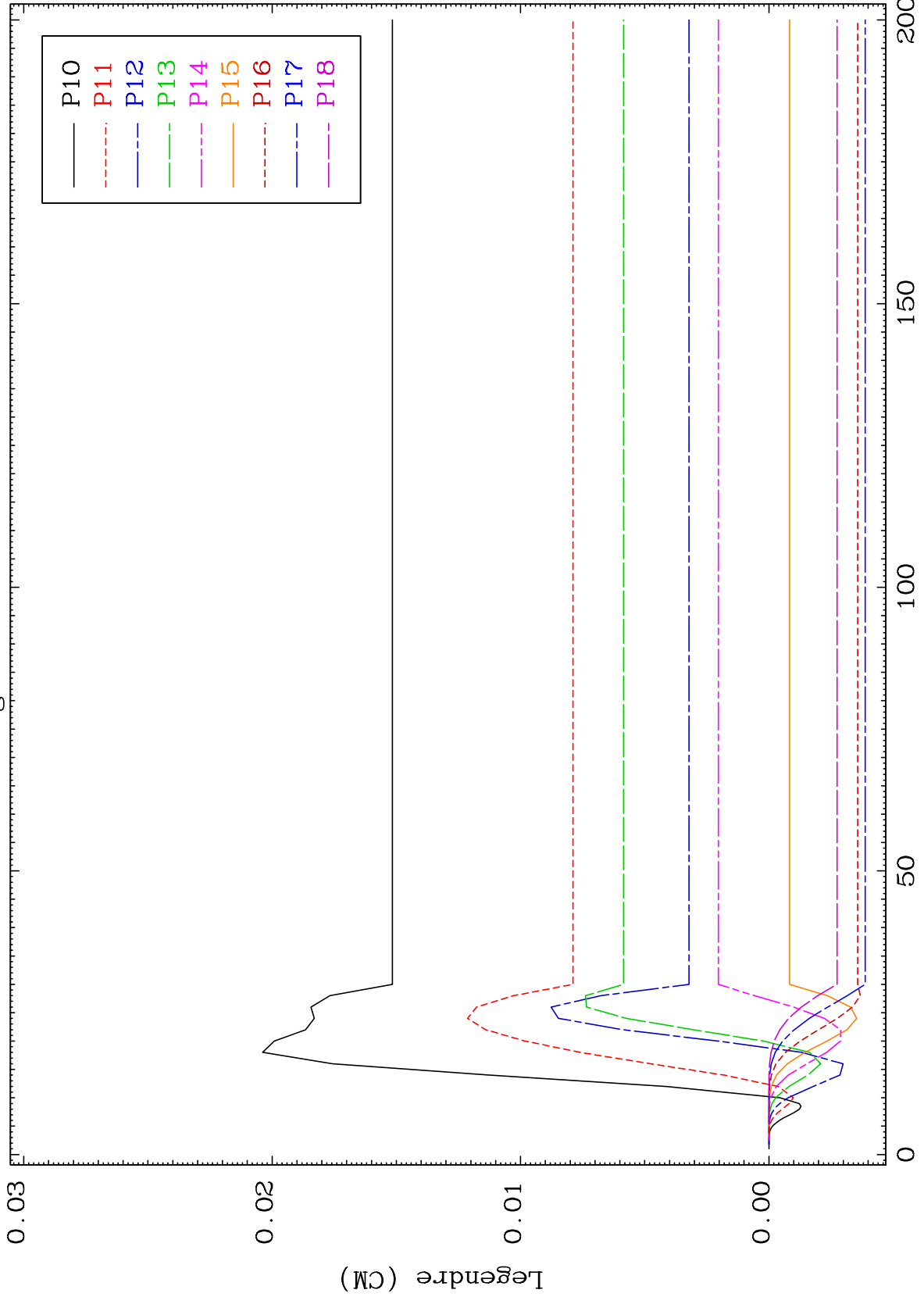
41-Nb-83



MAT 4095

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

41-Nb-83



41-Nb-83

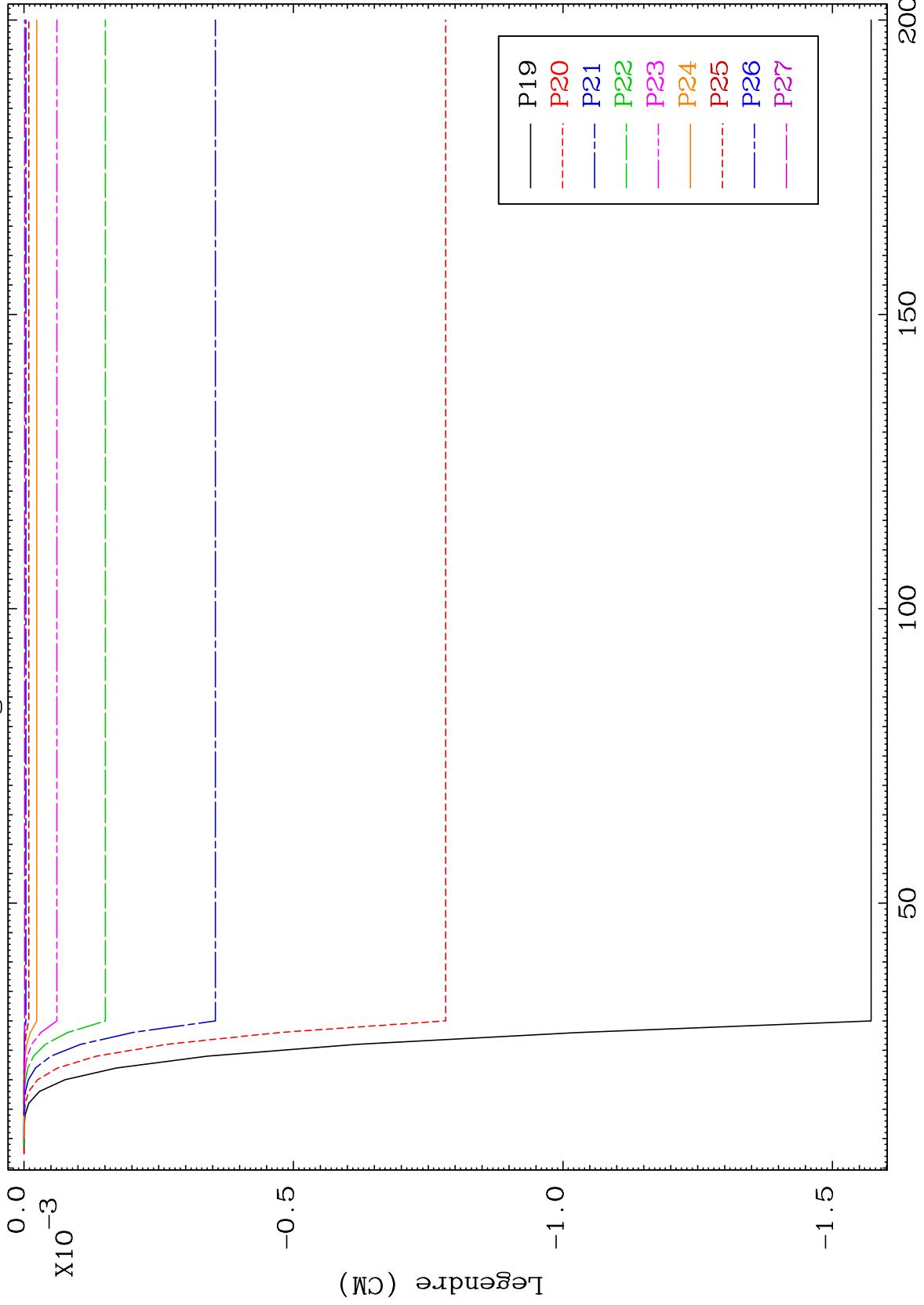
Incident Energy (MeV)

40

MAT 4095

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

41-Nb-83

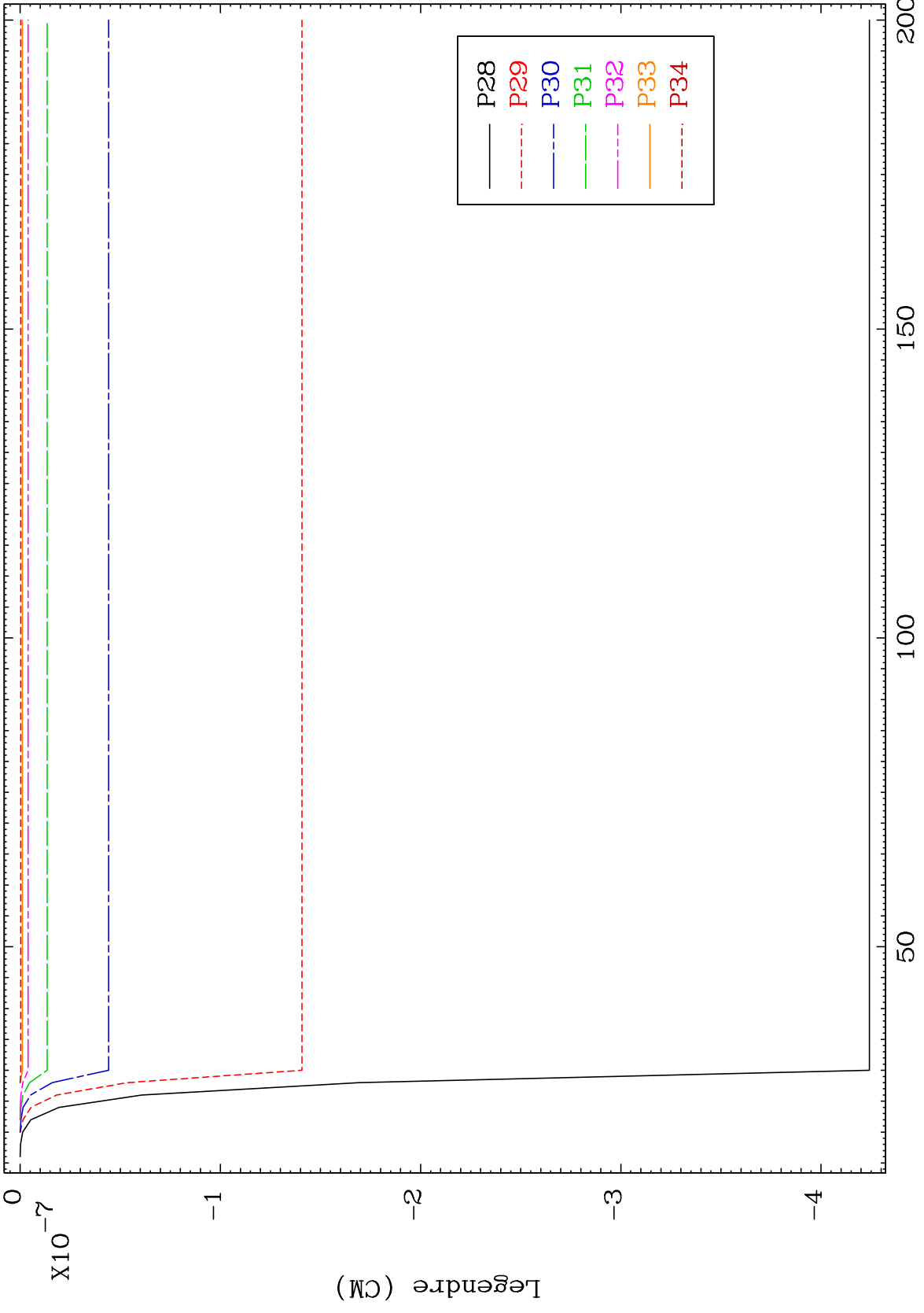


41-Nb-83

Incident Energy (MeV)

41

MAT 4095 MT= 56 (n,n') Level Legendre Coefficients 41-Nb-83

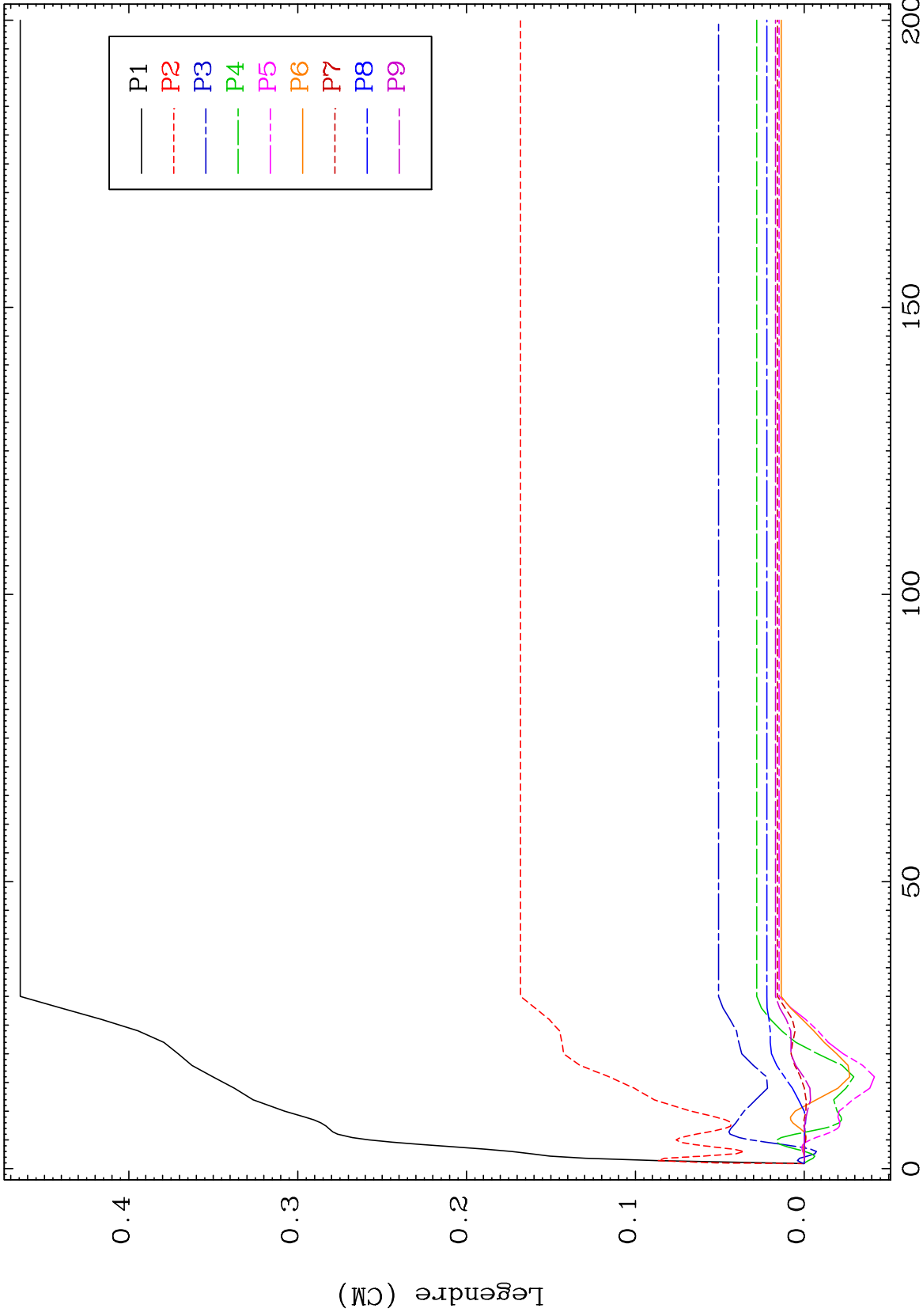


42 41-Nb-83

MAT 4095

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

41-Nb-83



43

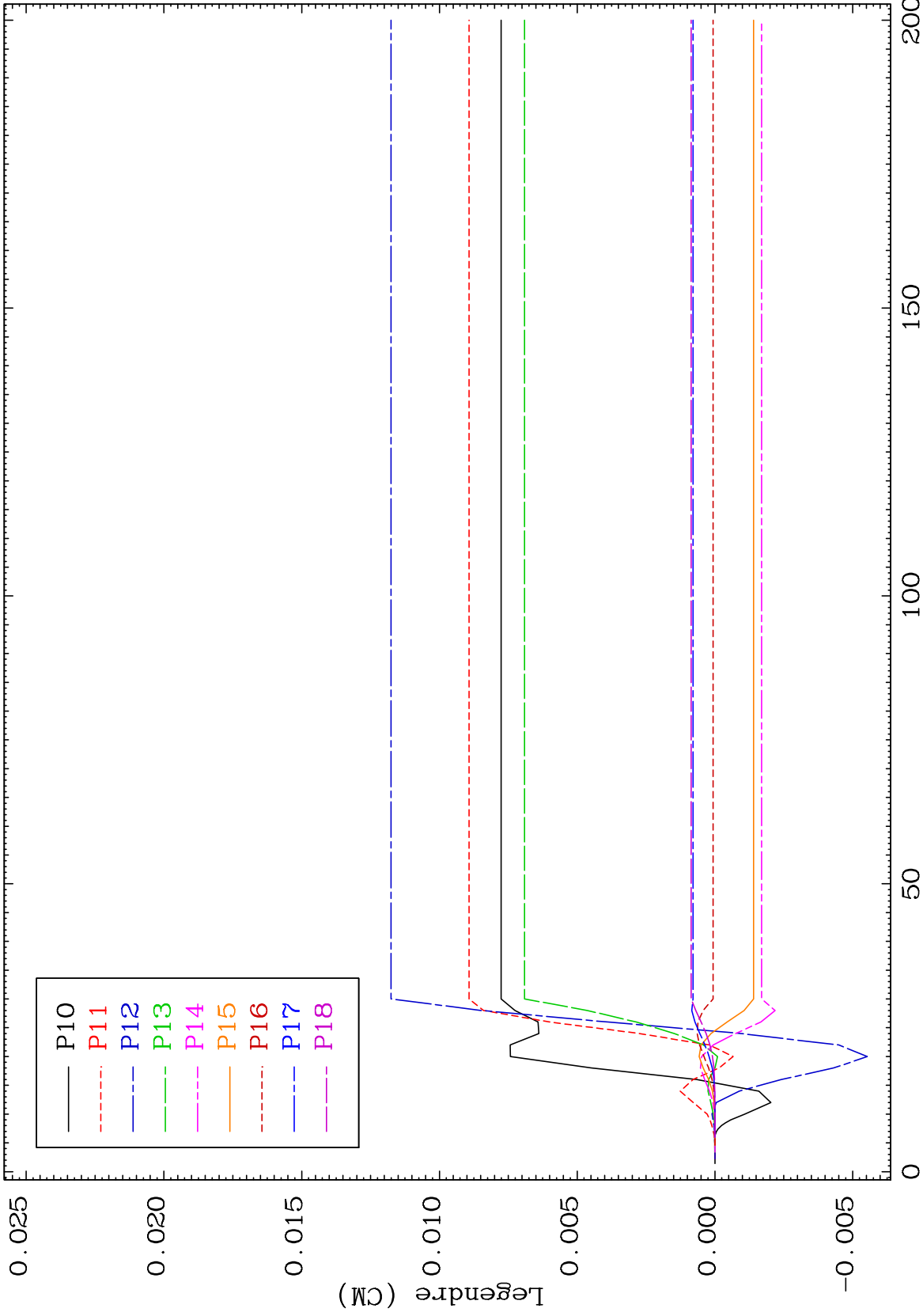
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



44

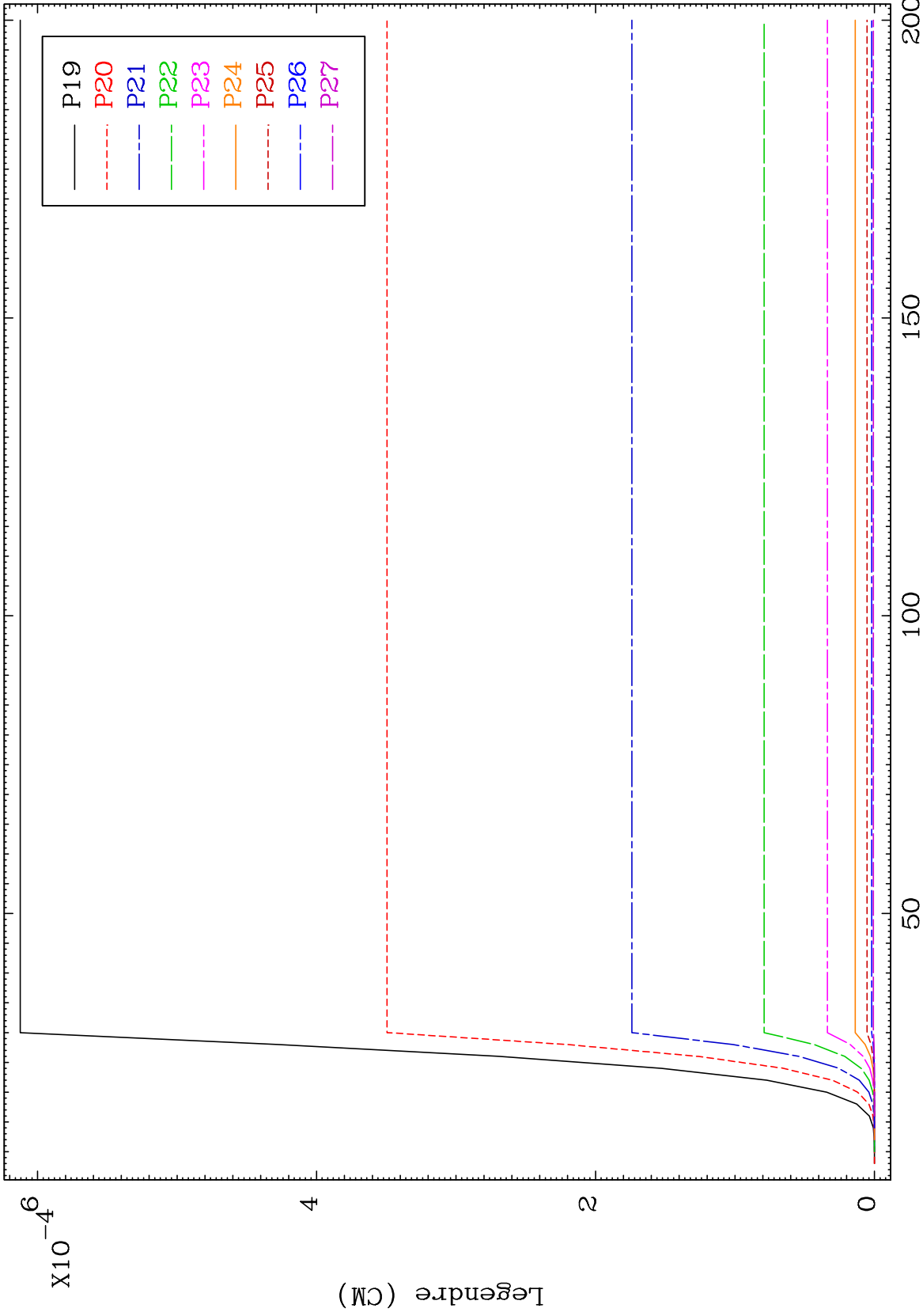
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



45

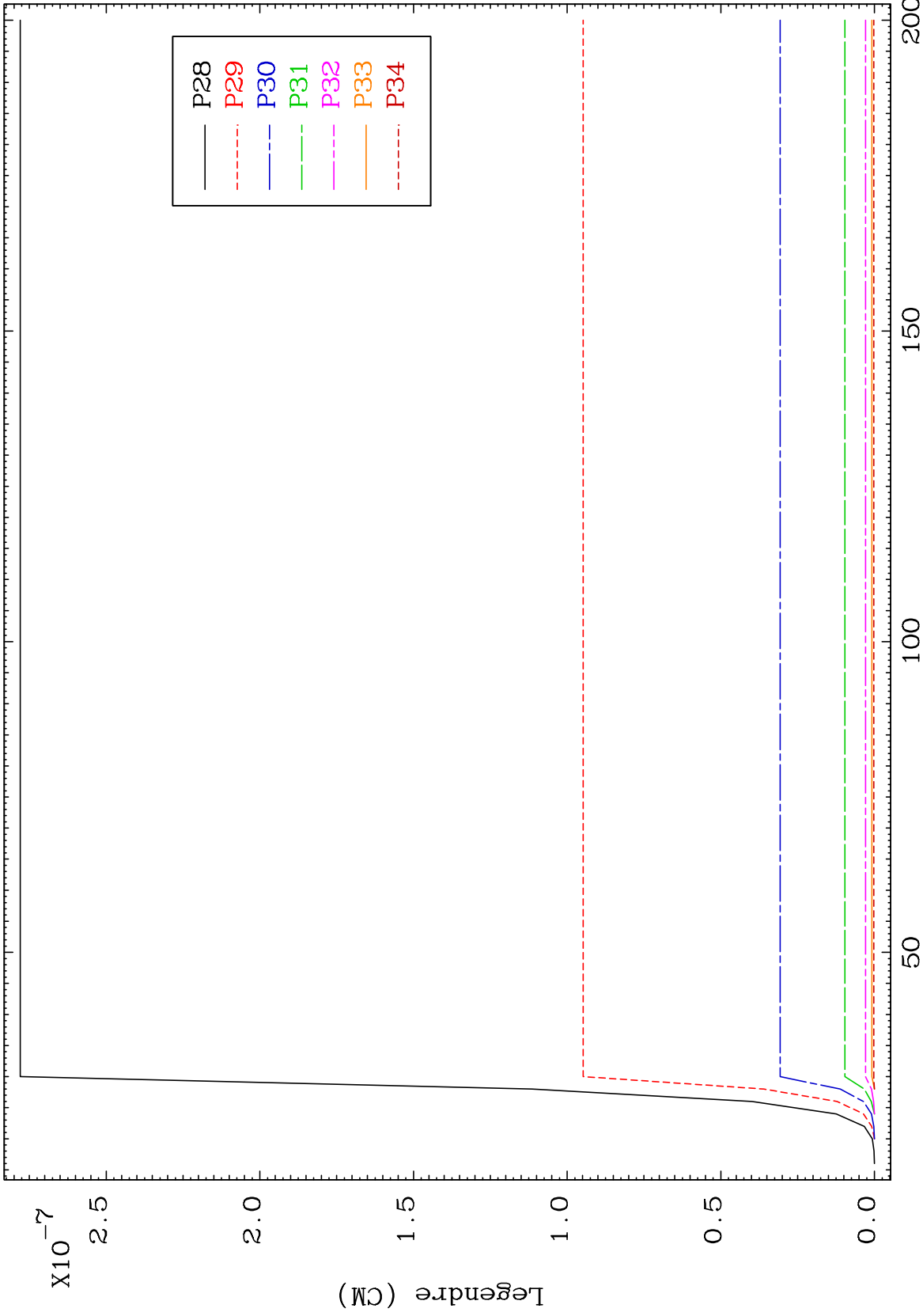
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



46

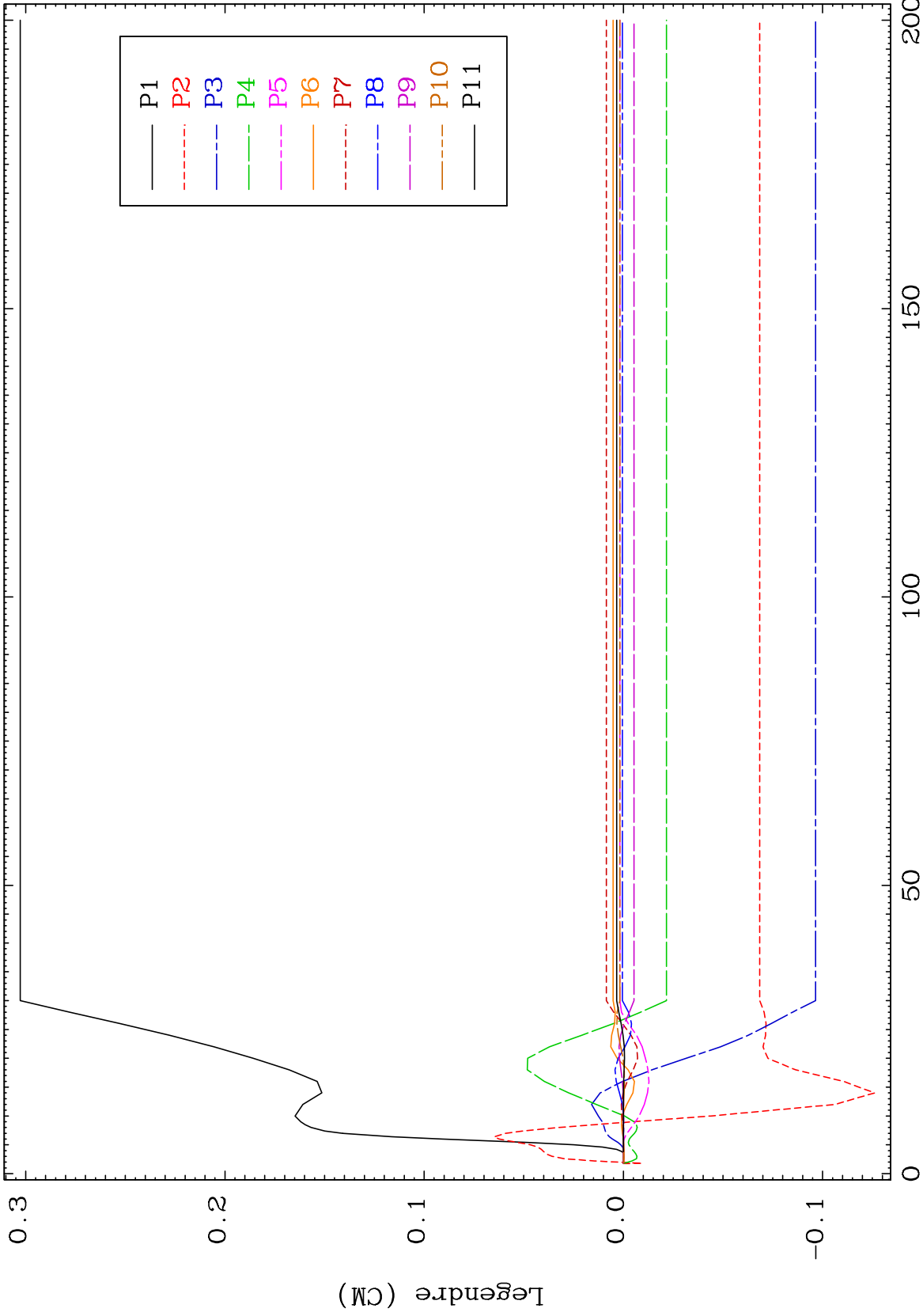
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



47

Incident Energy (MeV)

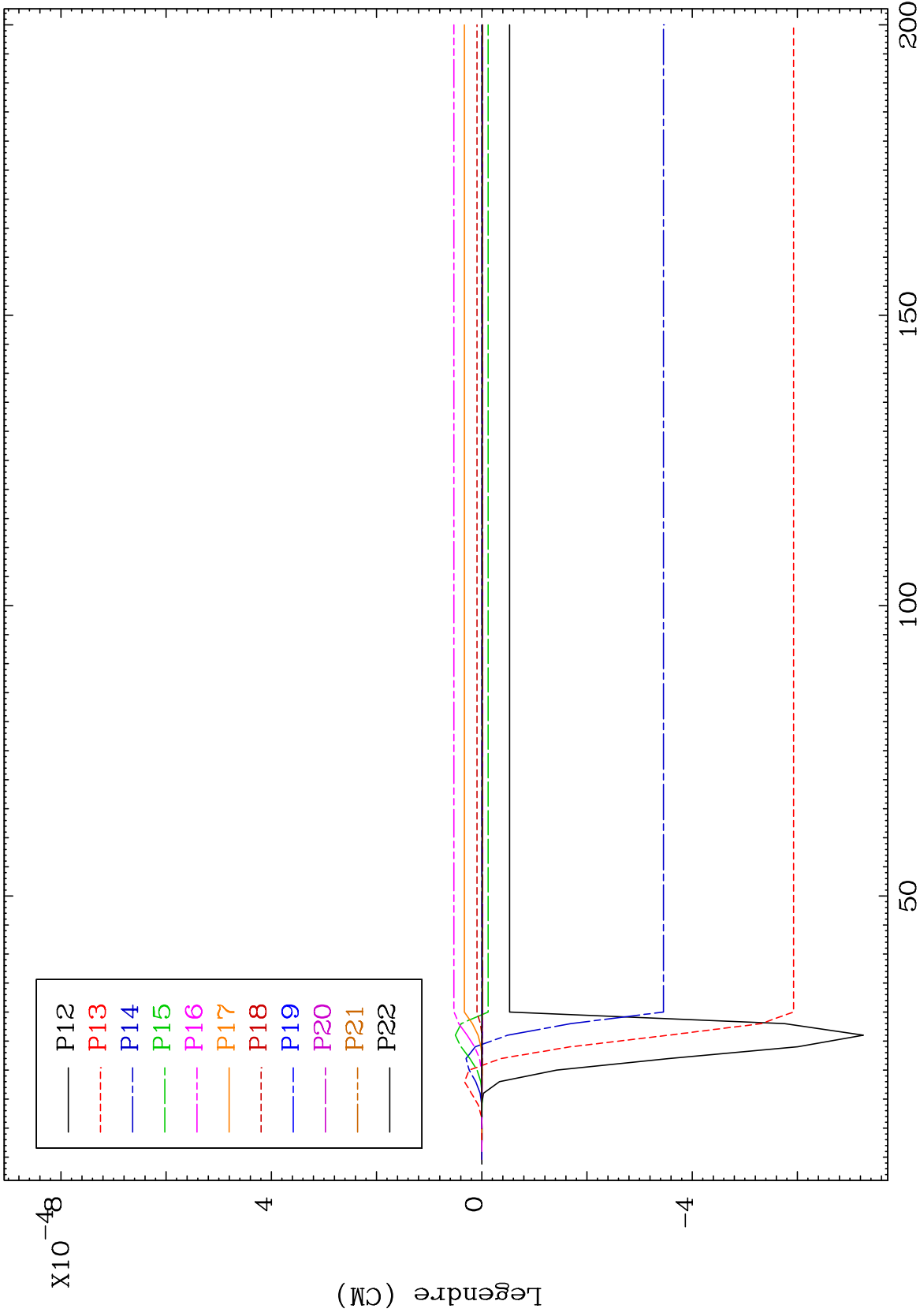
41-Nb-83



MAT 4095

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

41-Nb-83



48

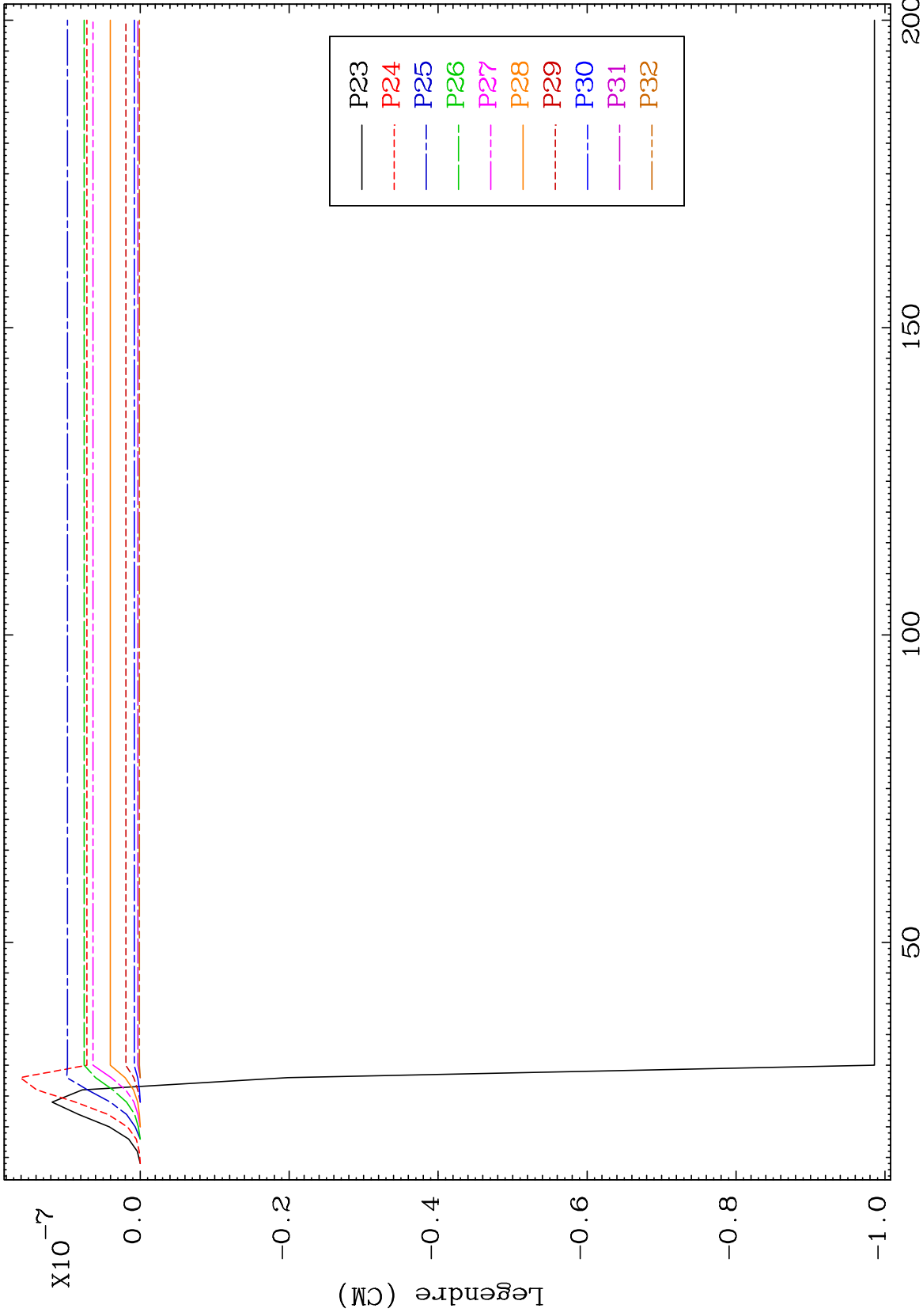
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



49

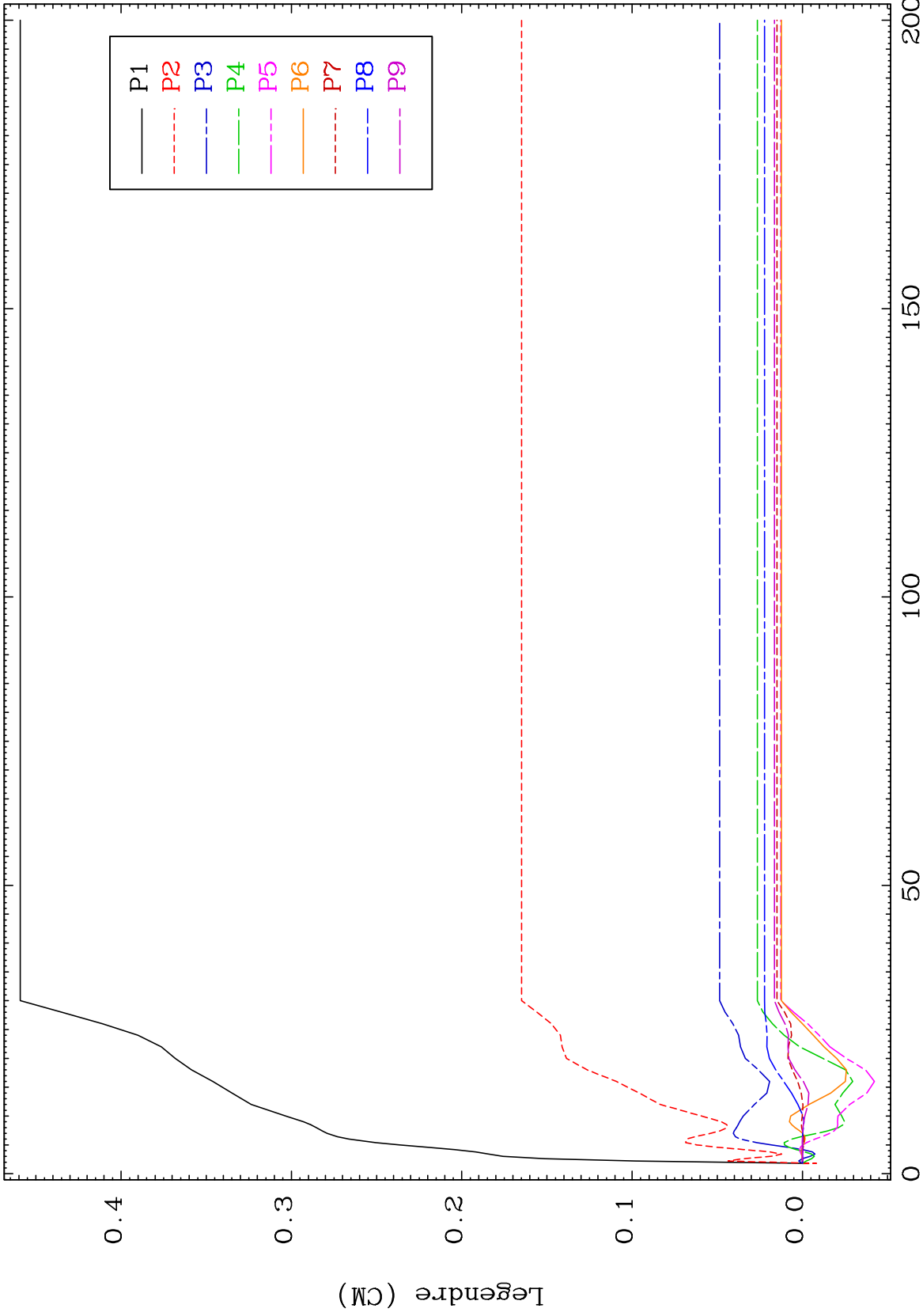
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



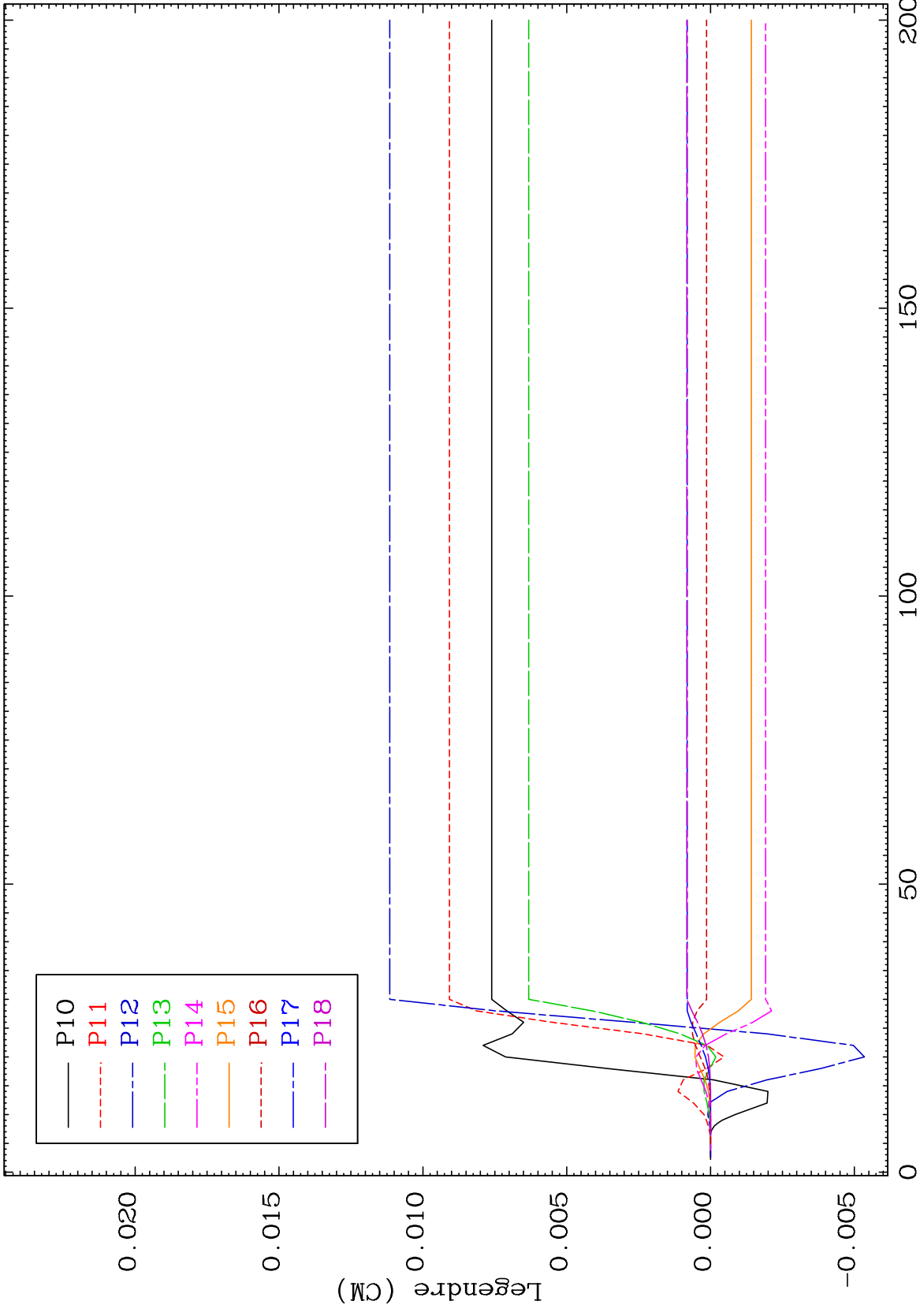
41-Nb-83

Incident Energy (MeV)

MAT 4095

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

41-Nb-83



51

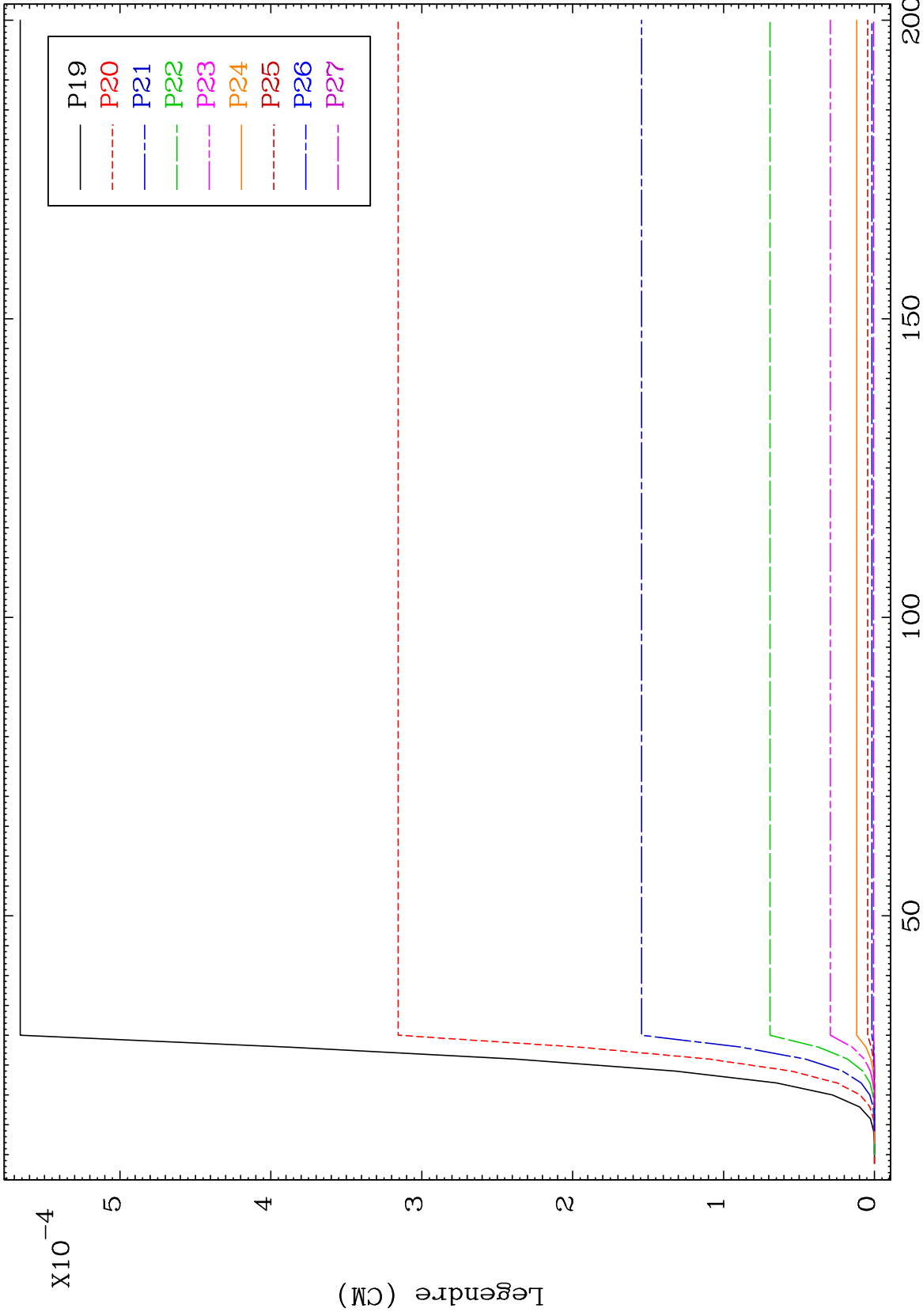
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



52

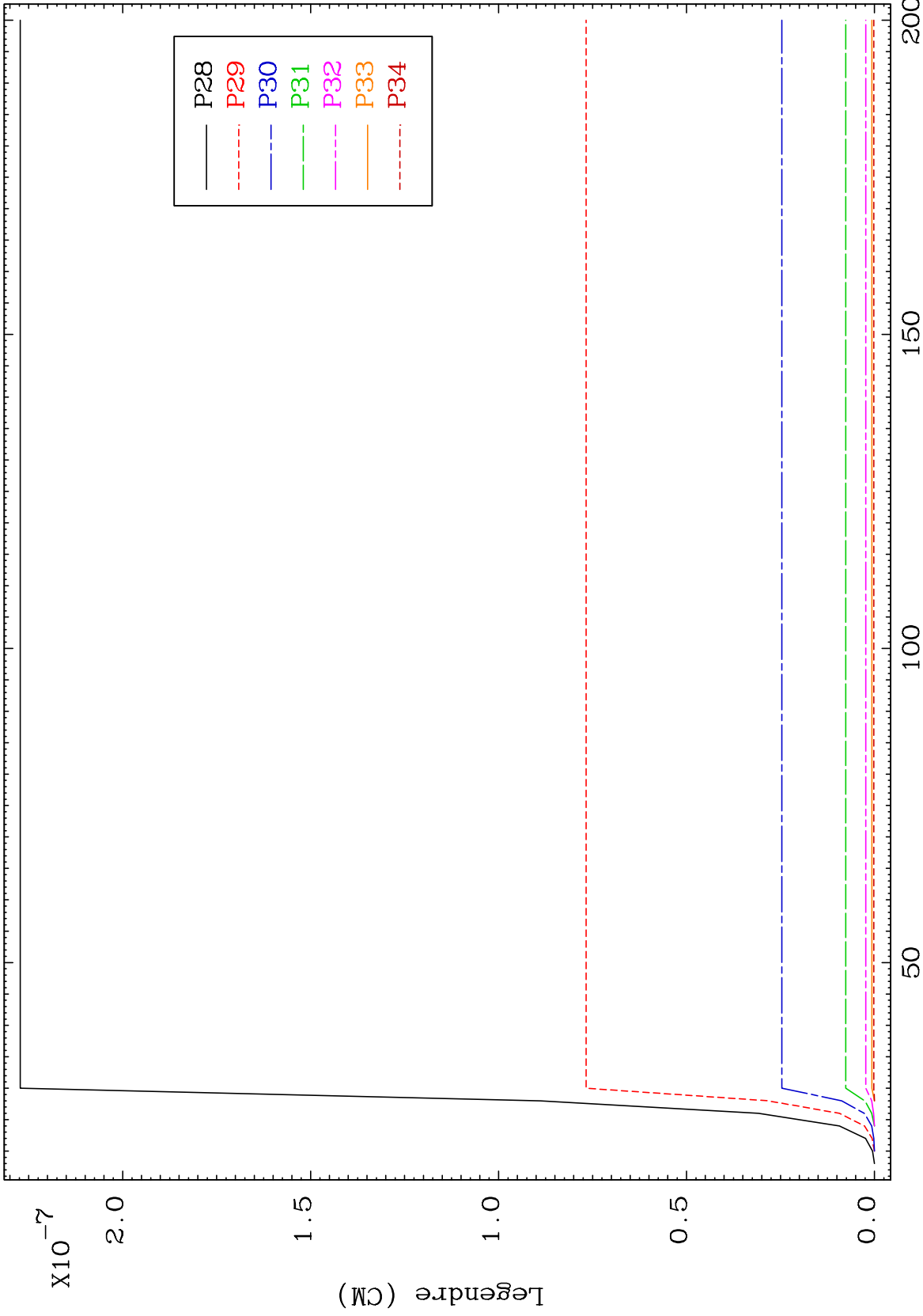
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



53

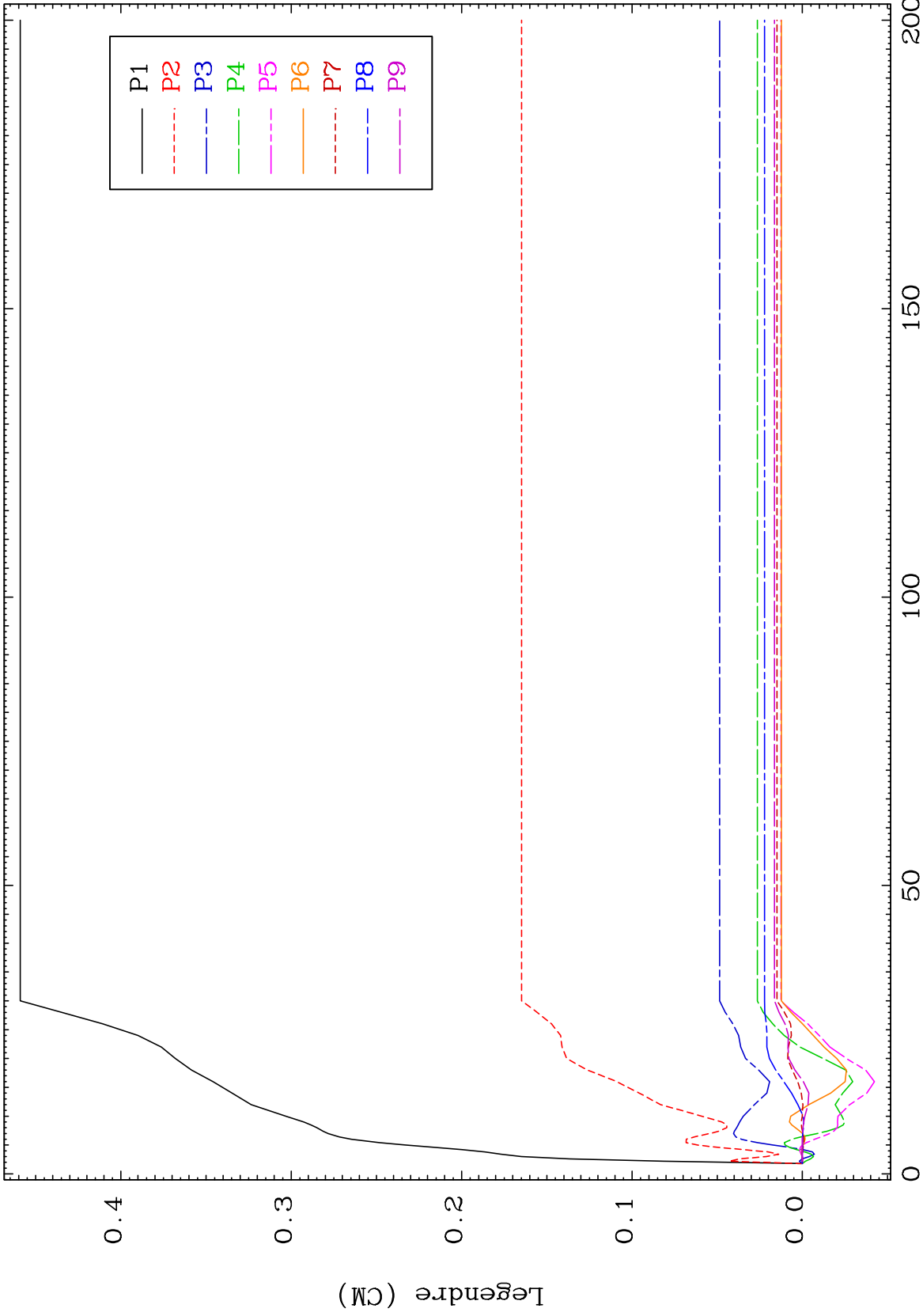
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



54

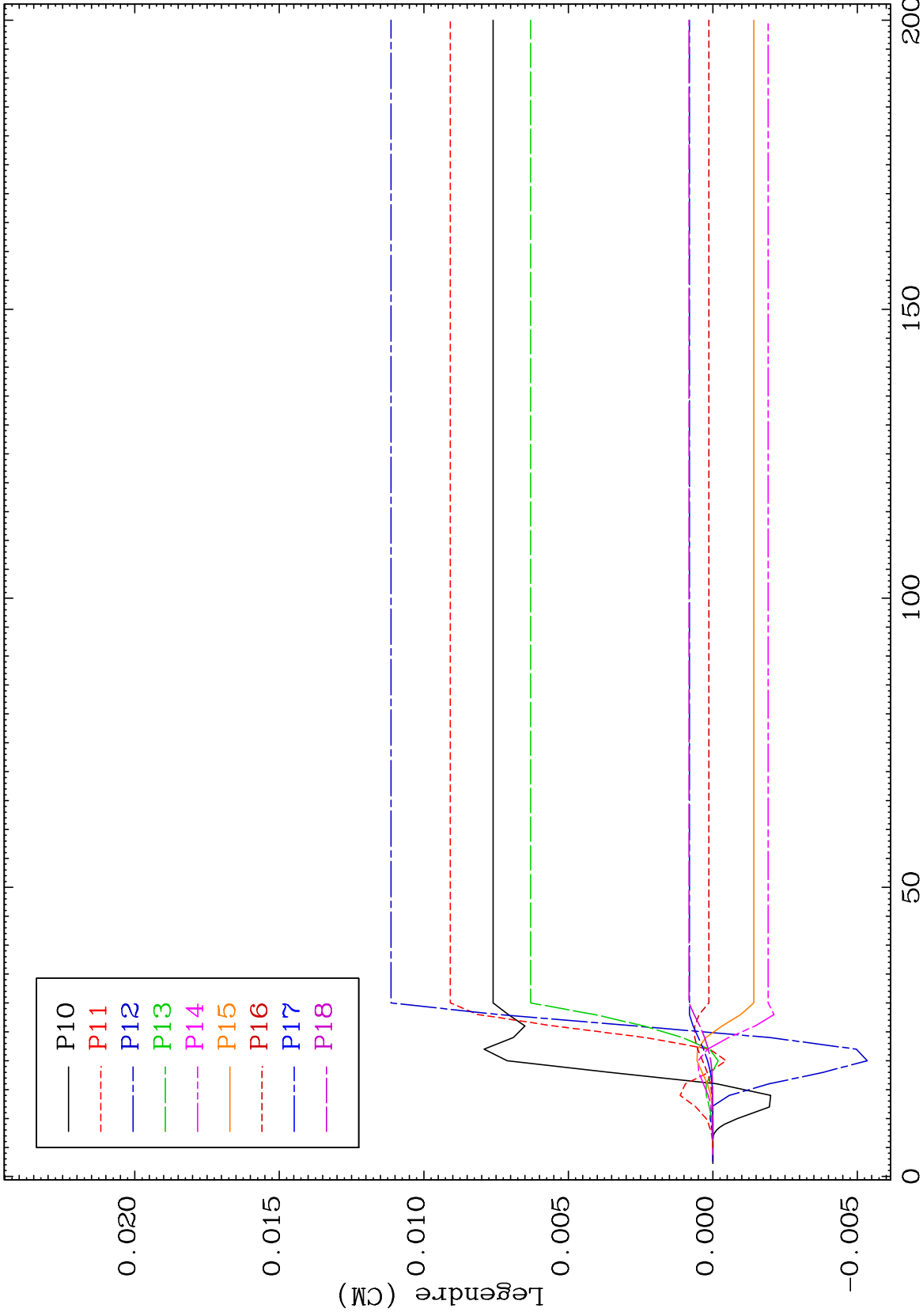
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



55

Incident Energy (MeV)

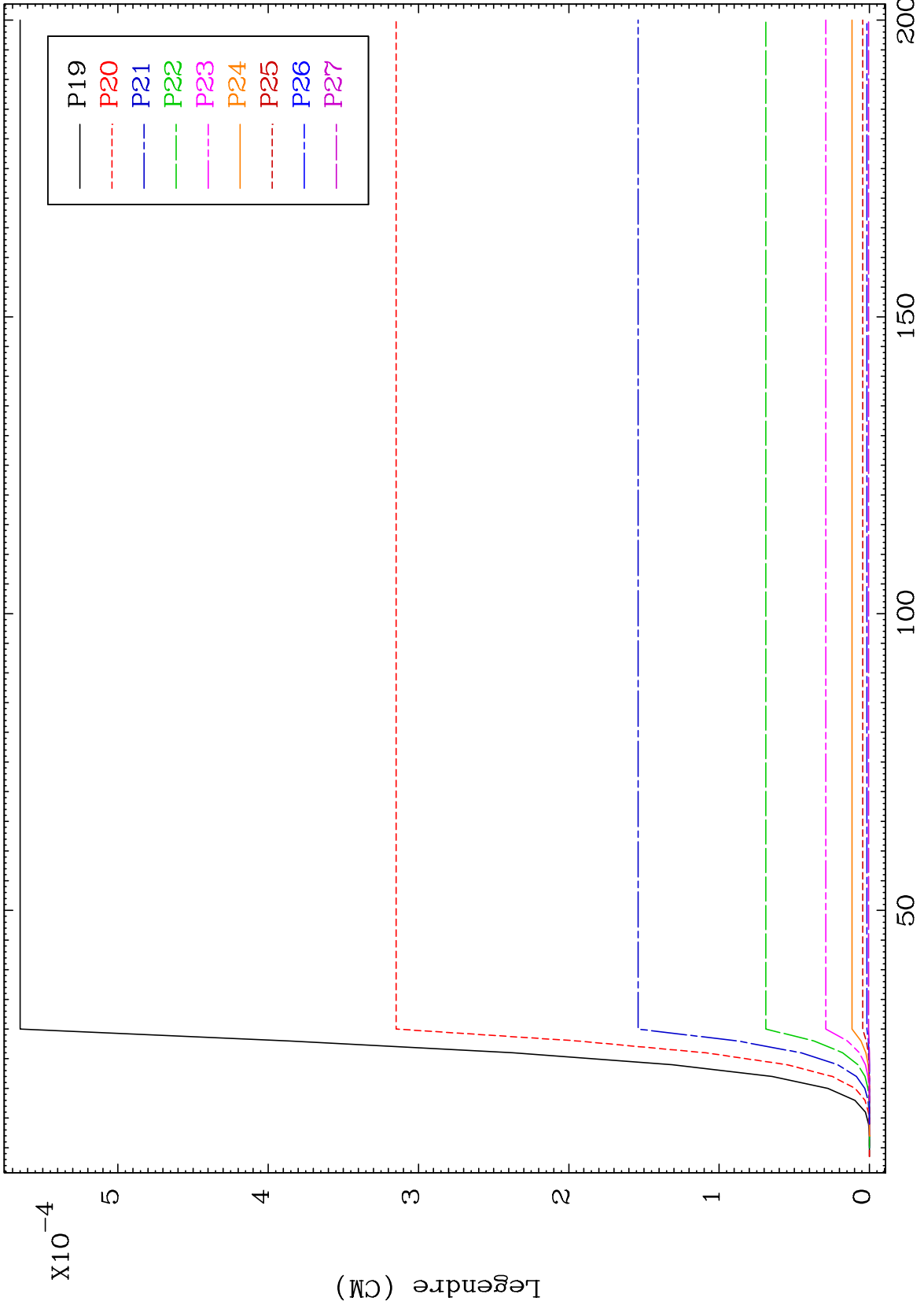
41-Nb-83



MAT 4095

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

41-Nb-83



56

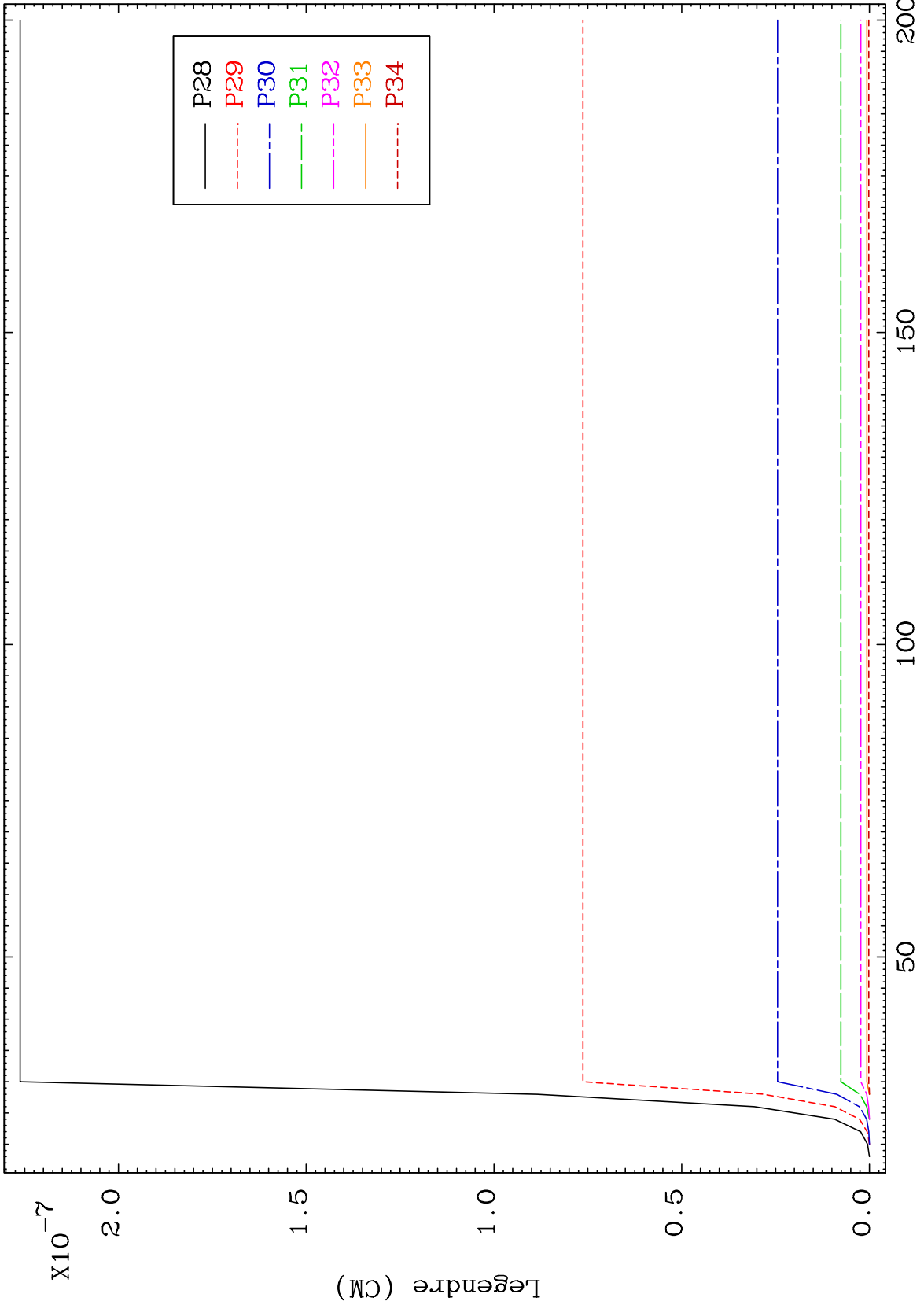
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



57

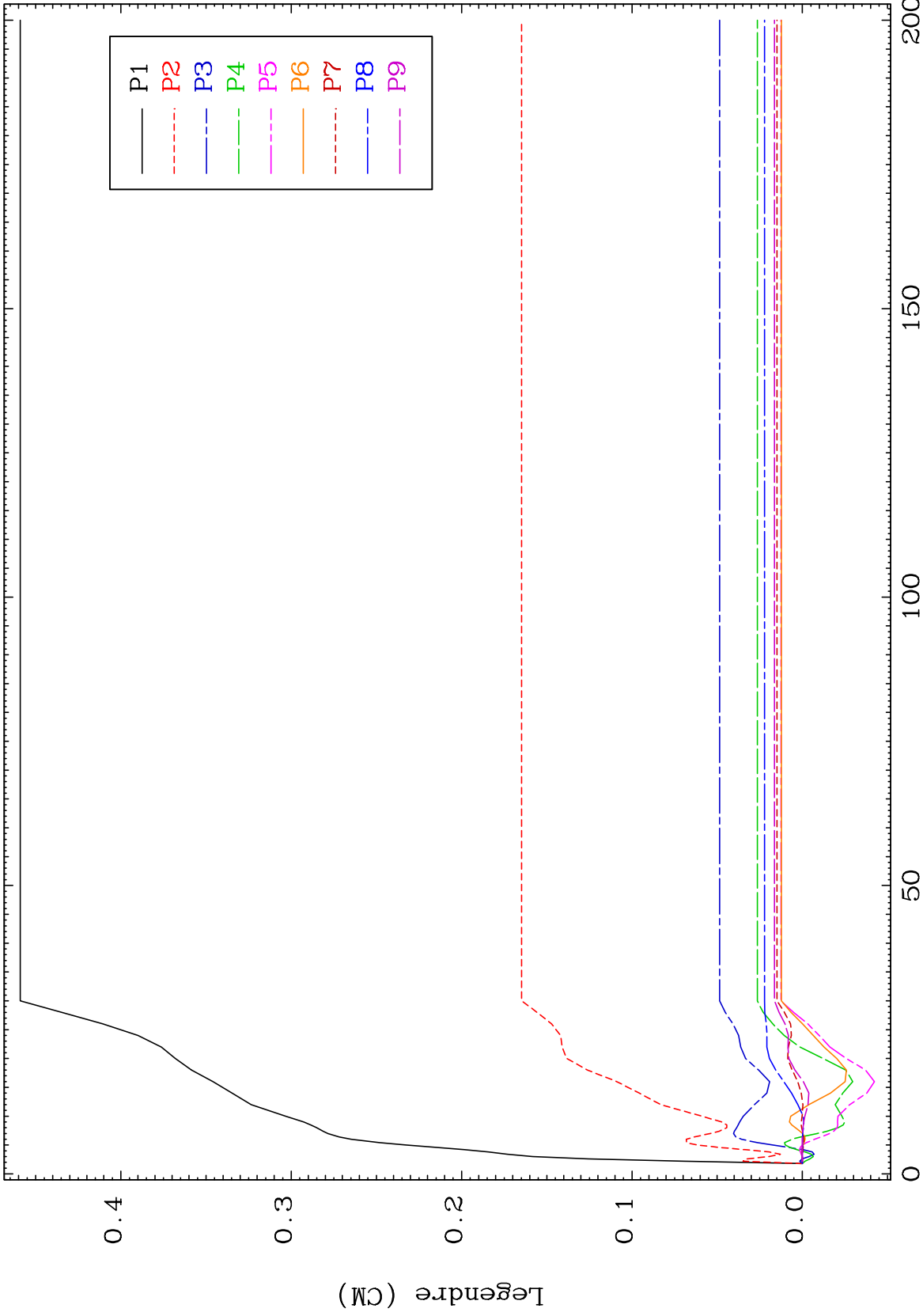
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



58

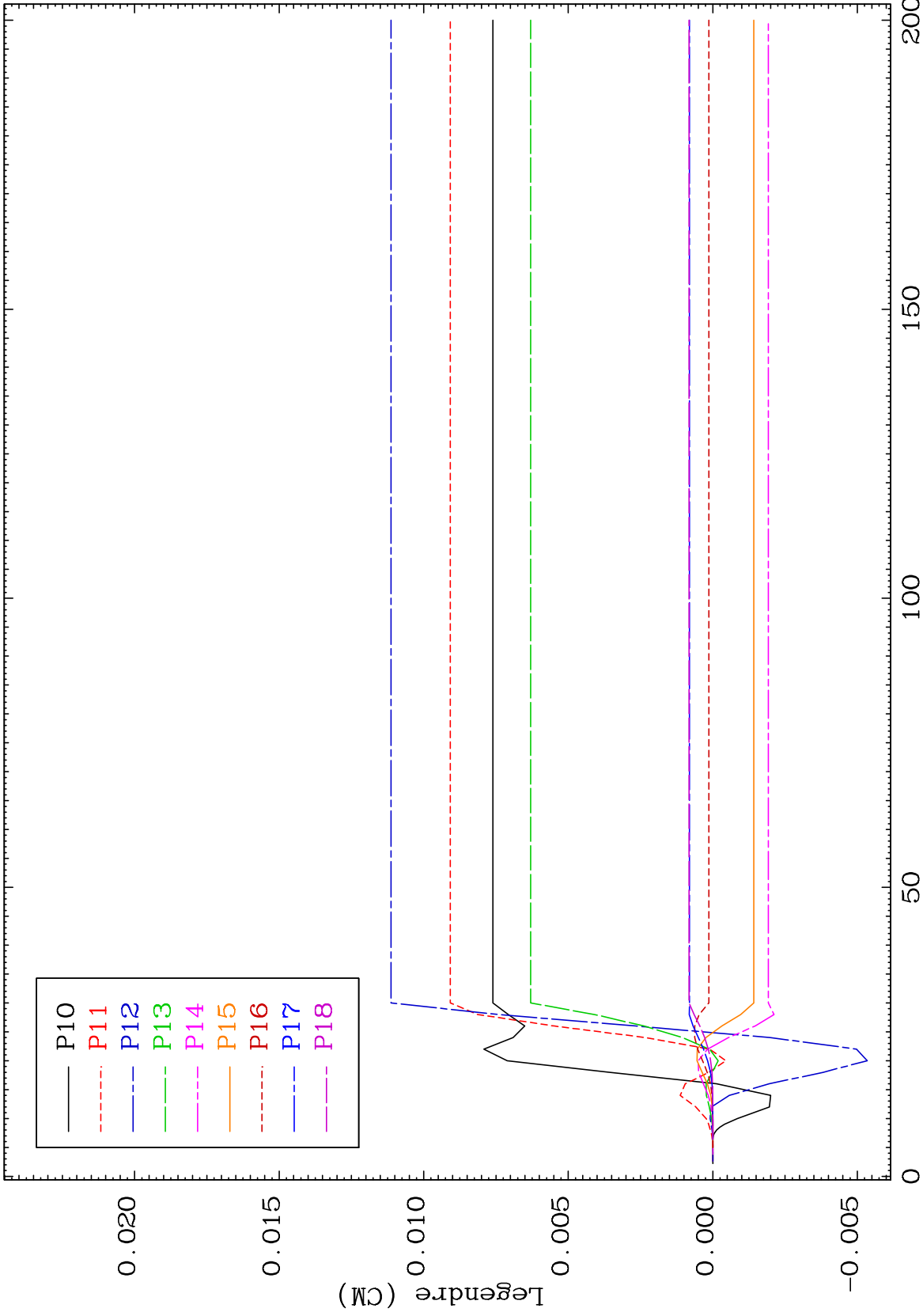
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



59

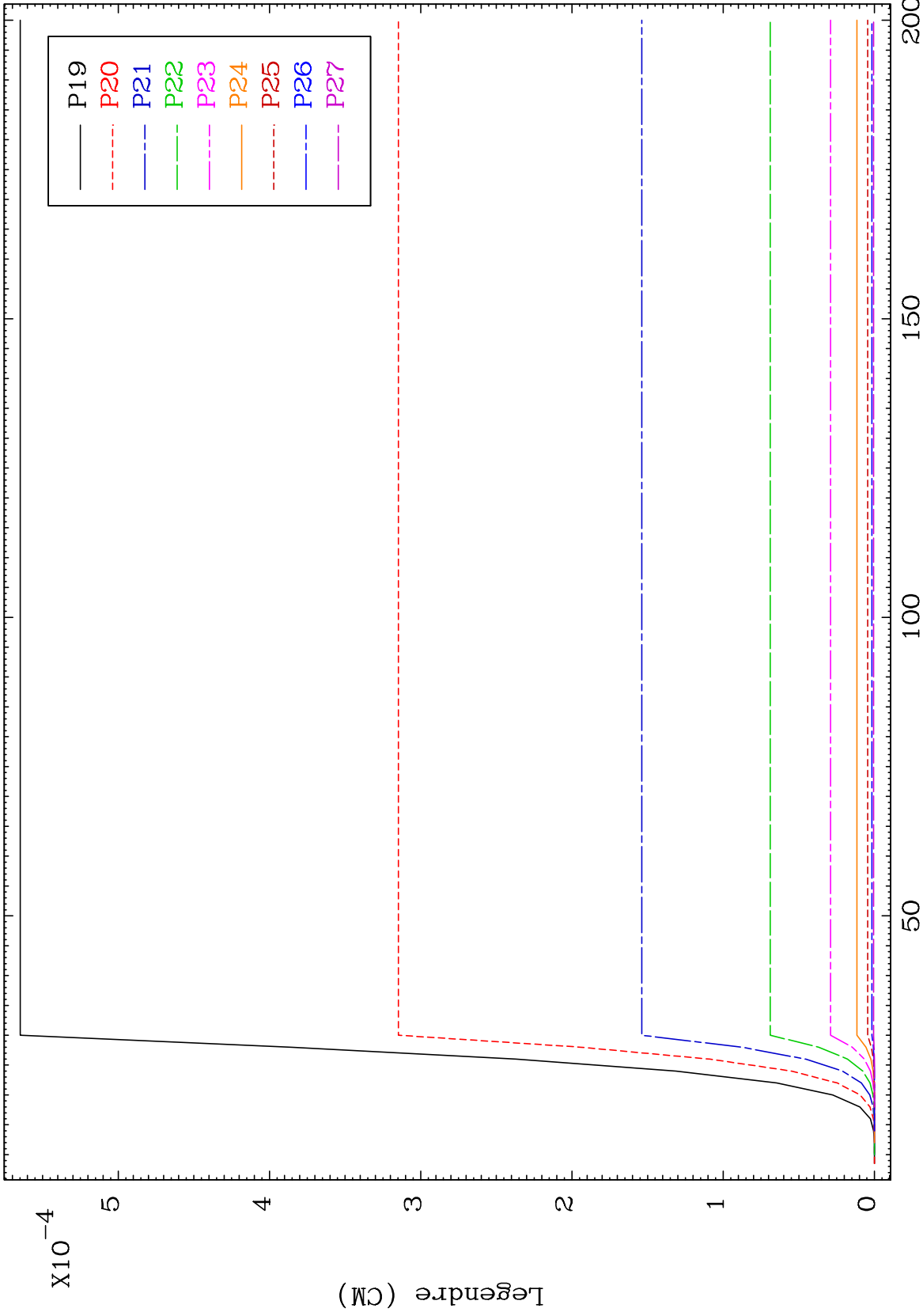
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



60

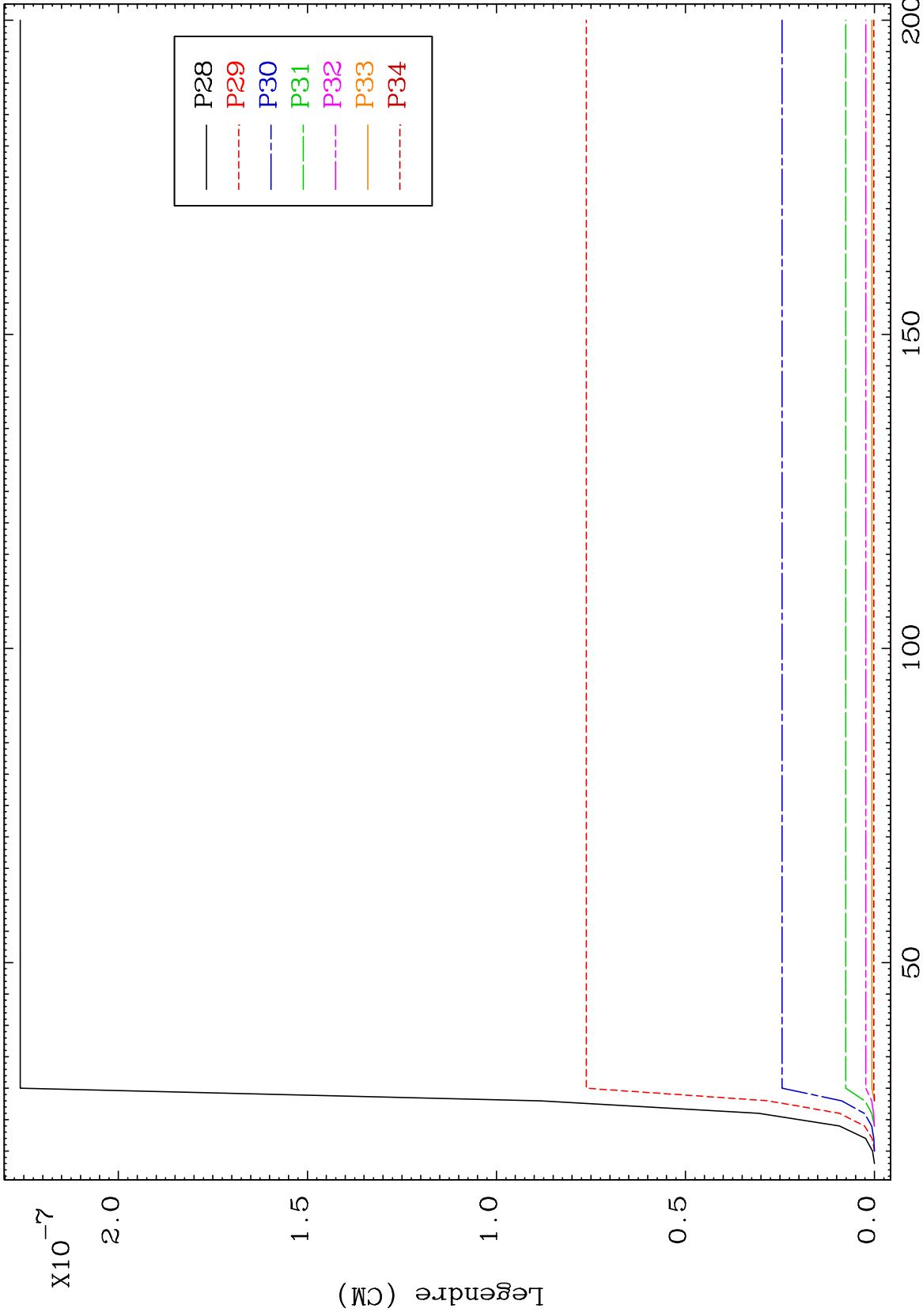
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



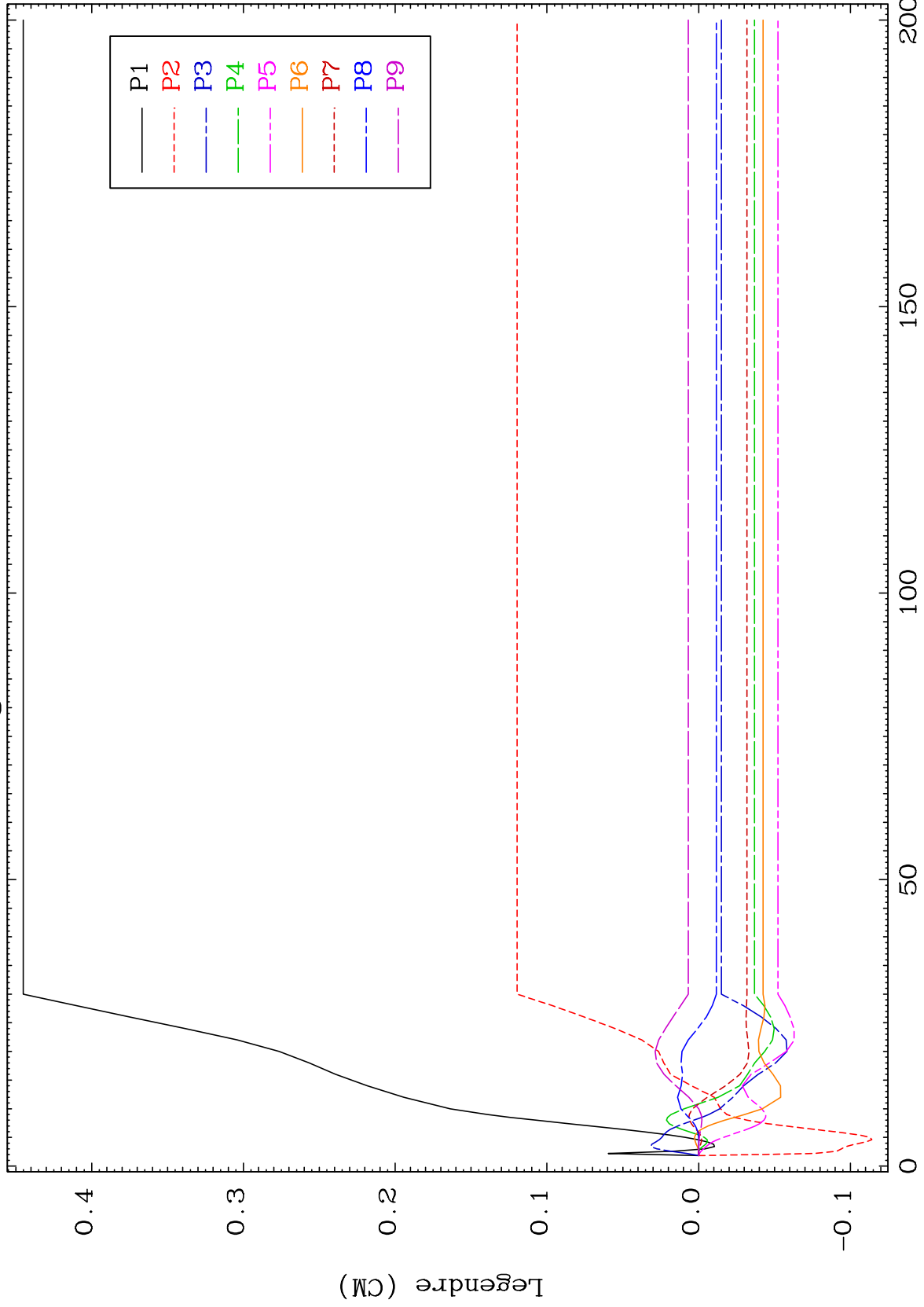
61

41-Nb-83

MAT 4095

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

41-Nb-83

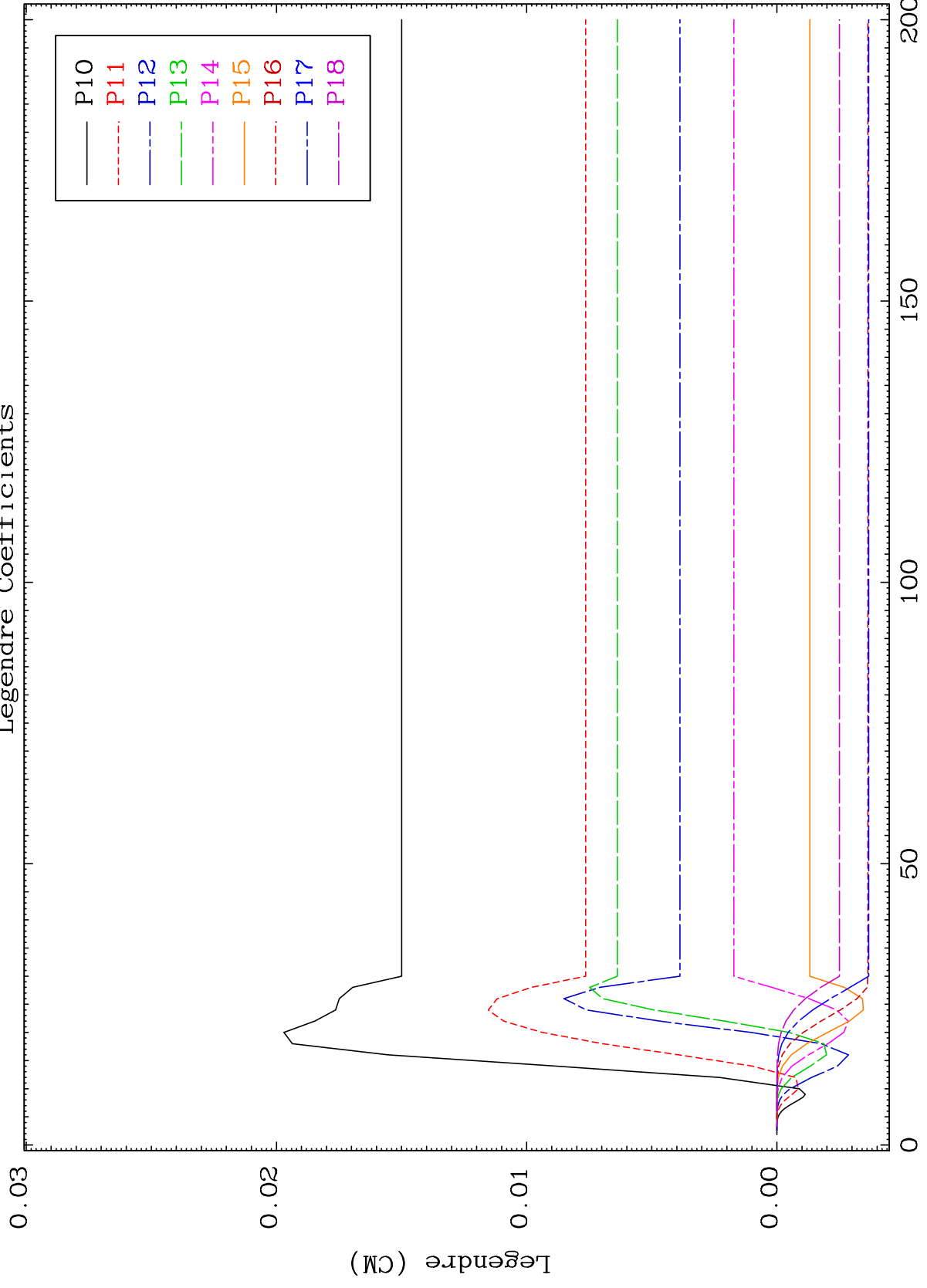


62

Incident Energy (MeV)

41-Nb-83

MAT 4095 MT= 62 (n,n') Level Legendre Coefficients 41-Nb-83



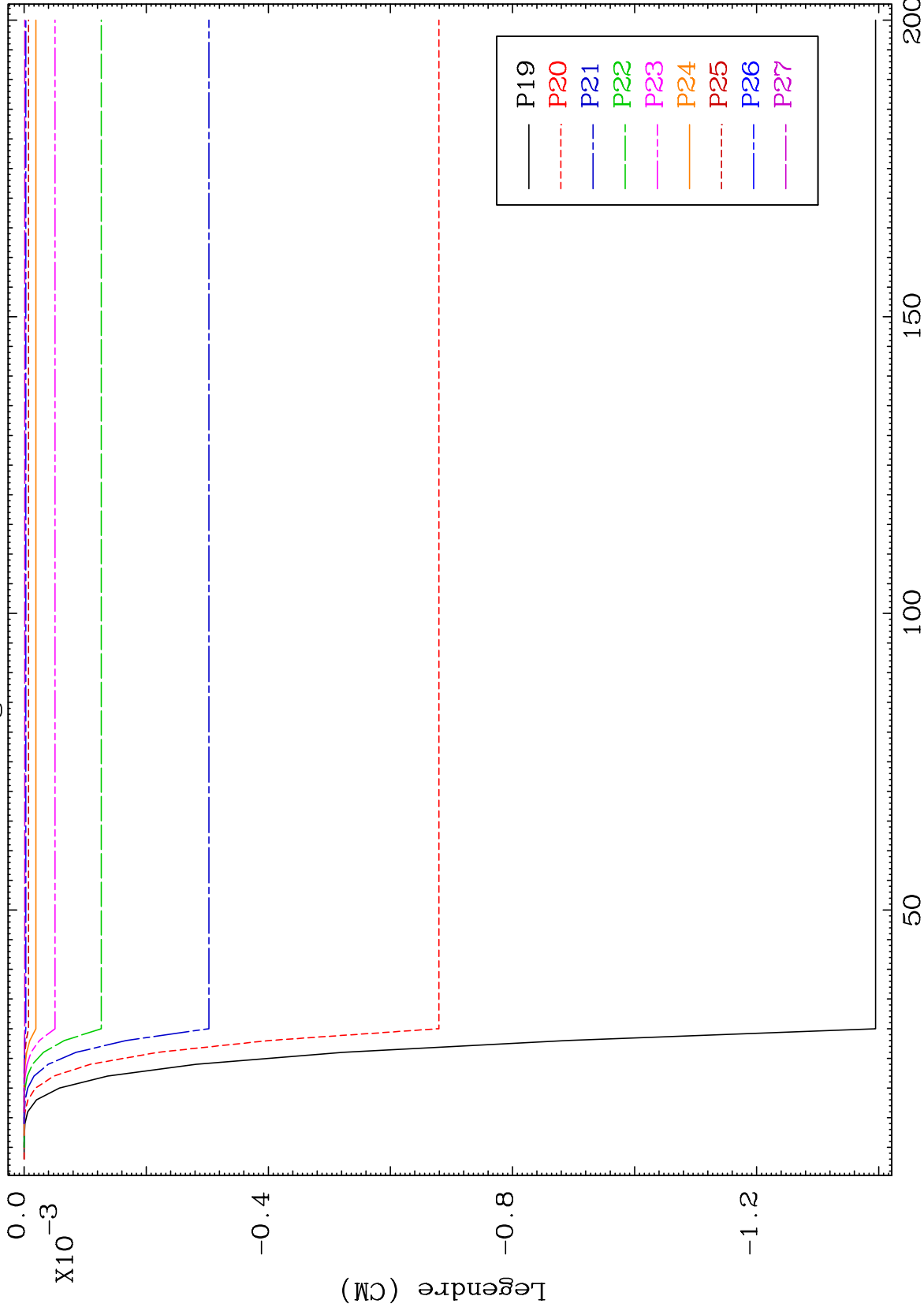
63 41-Nb-83



MAT 4095

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

41-Nb-83



64

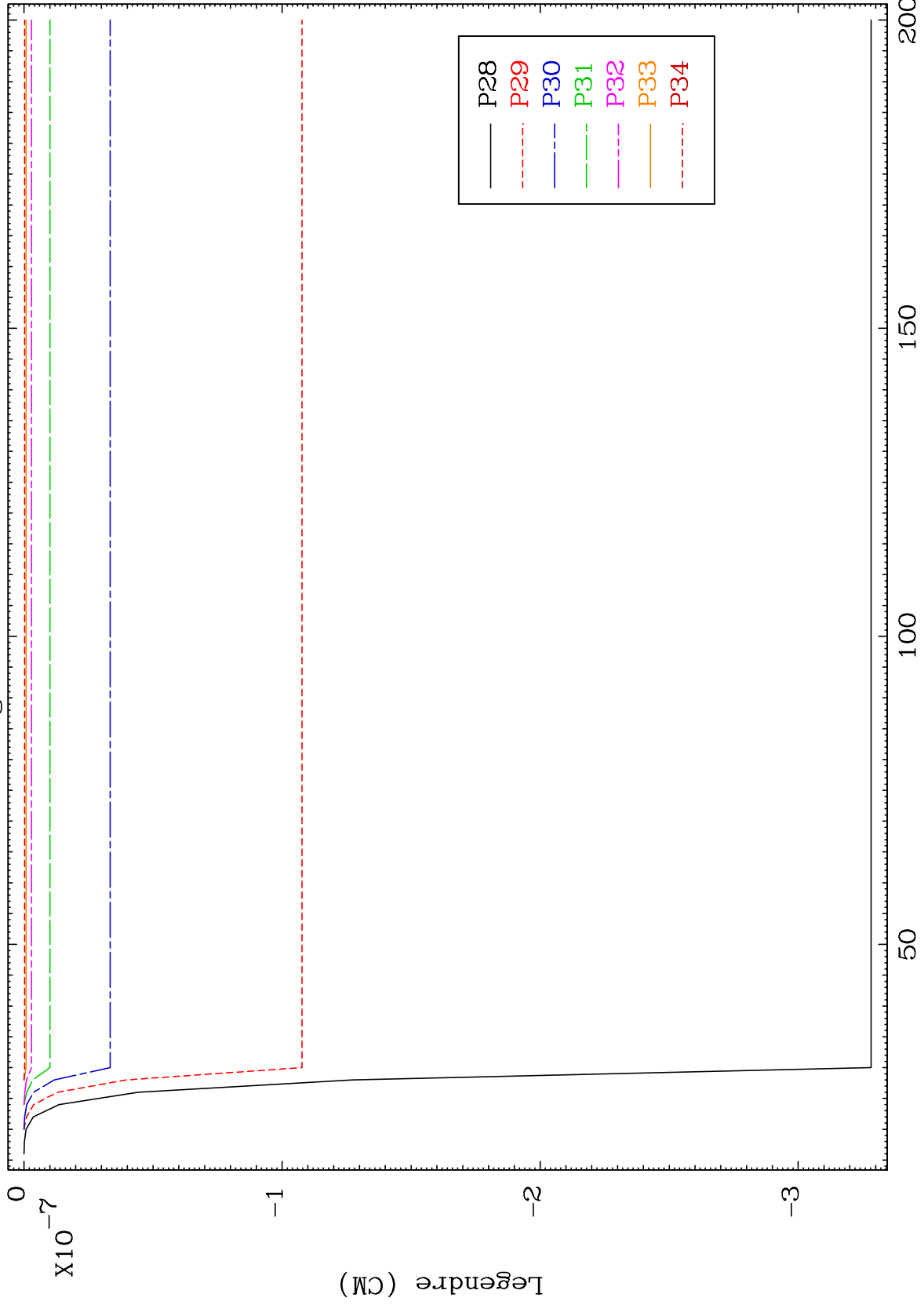
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



65

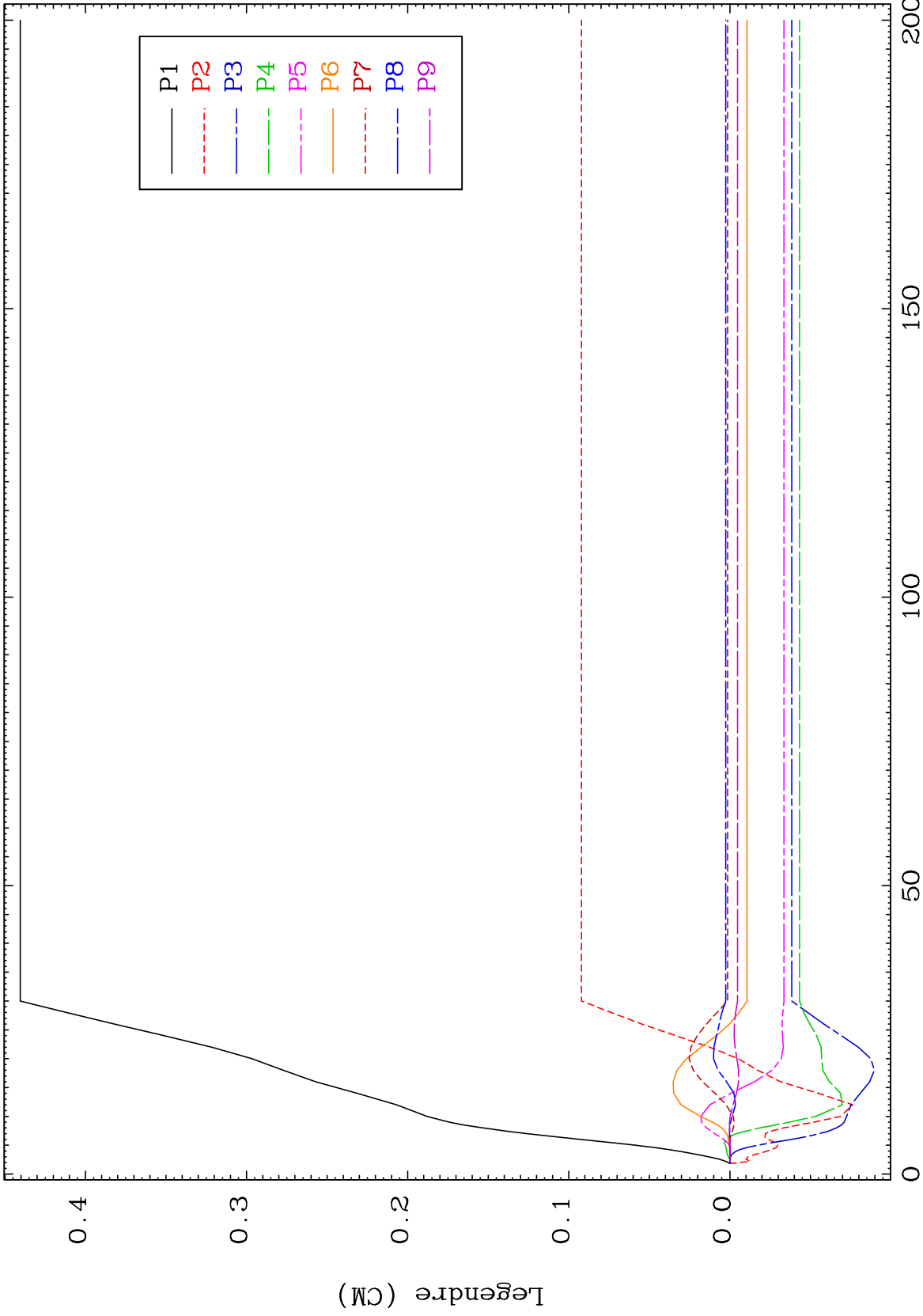
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



66

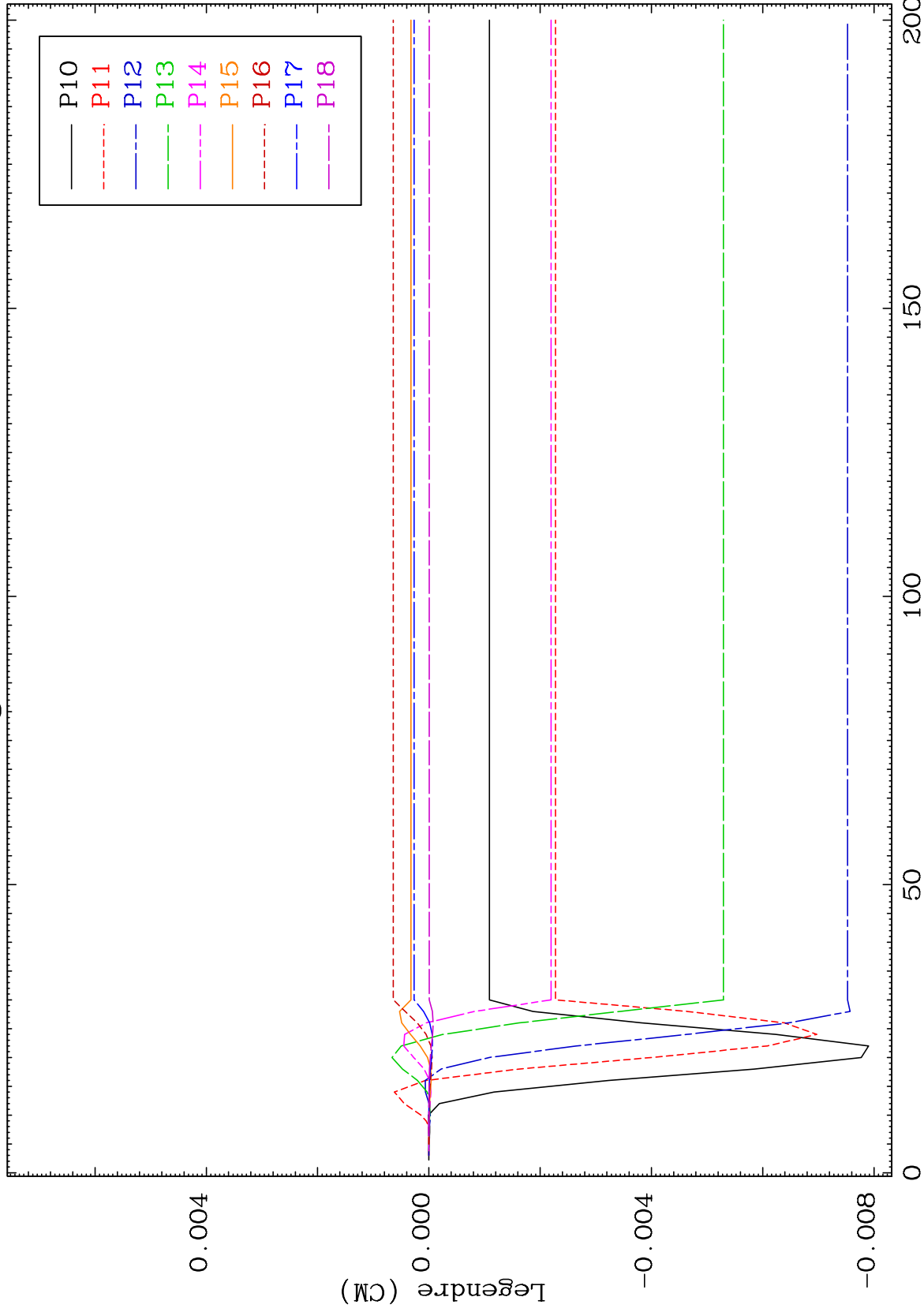
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



67

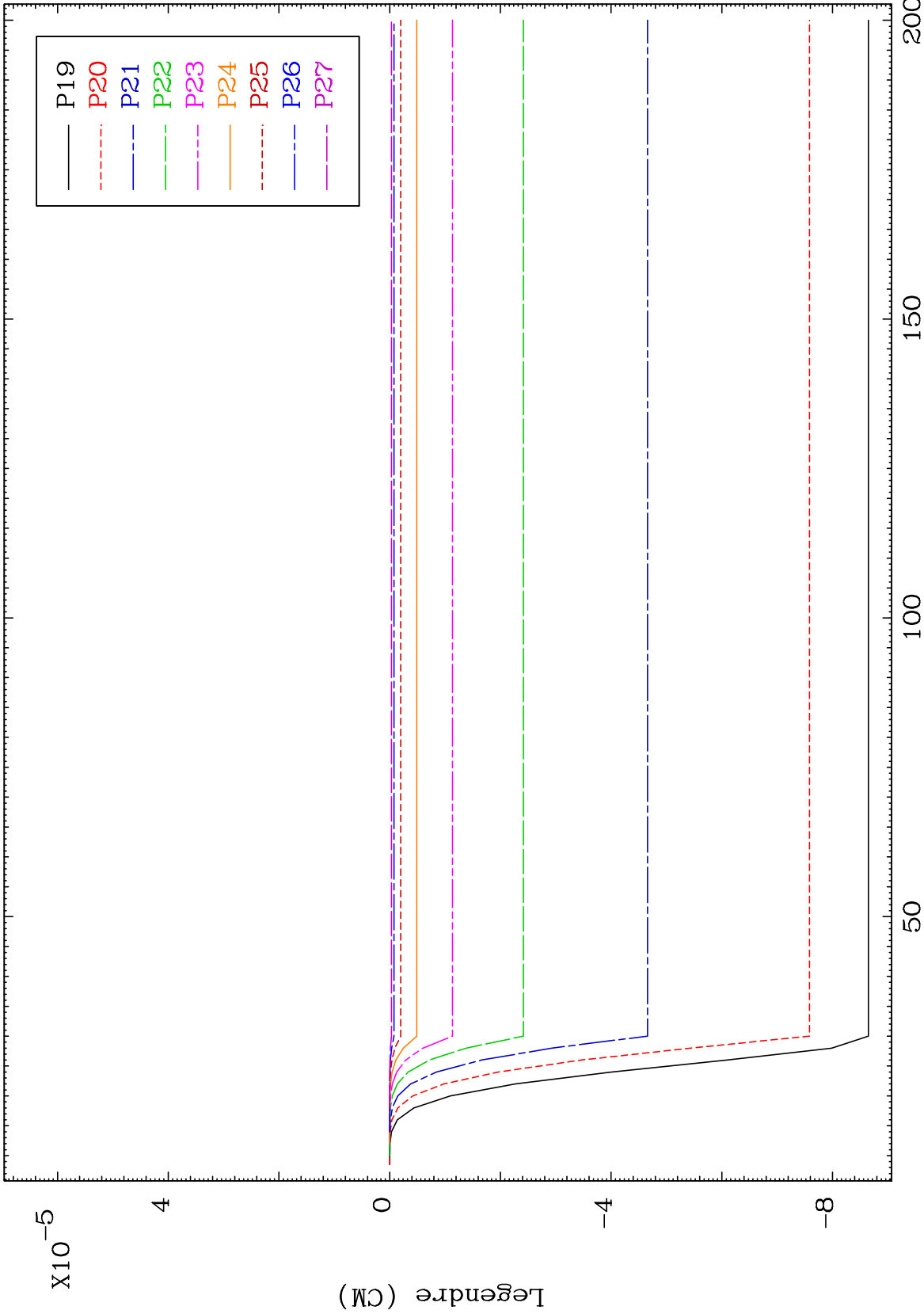
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



68

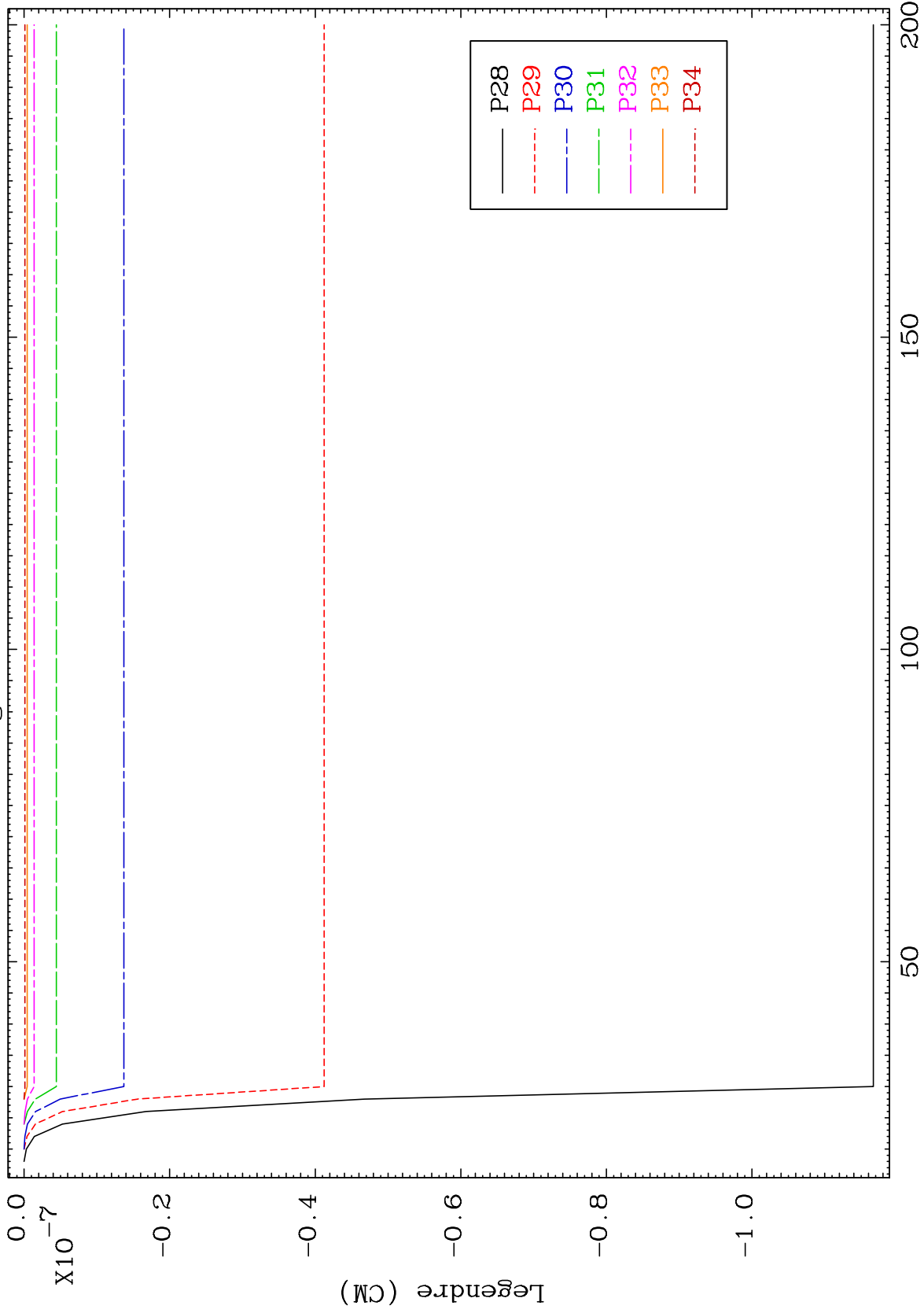
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



69

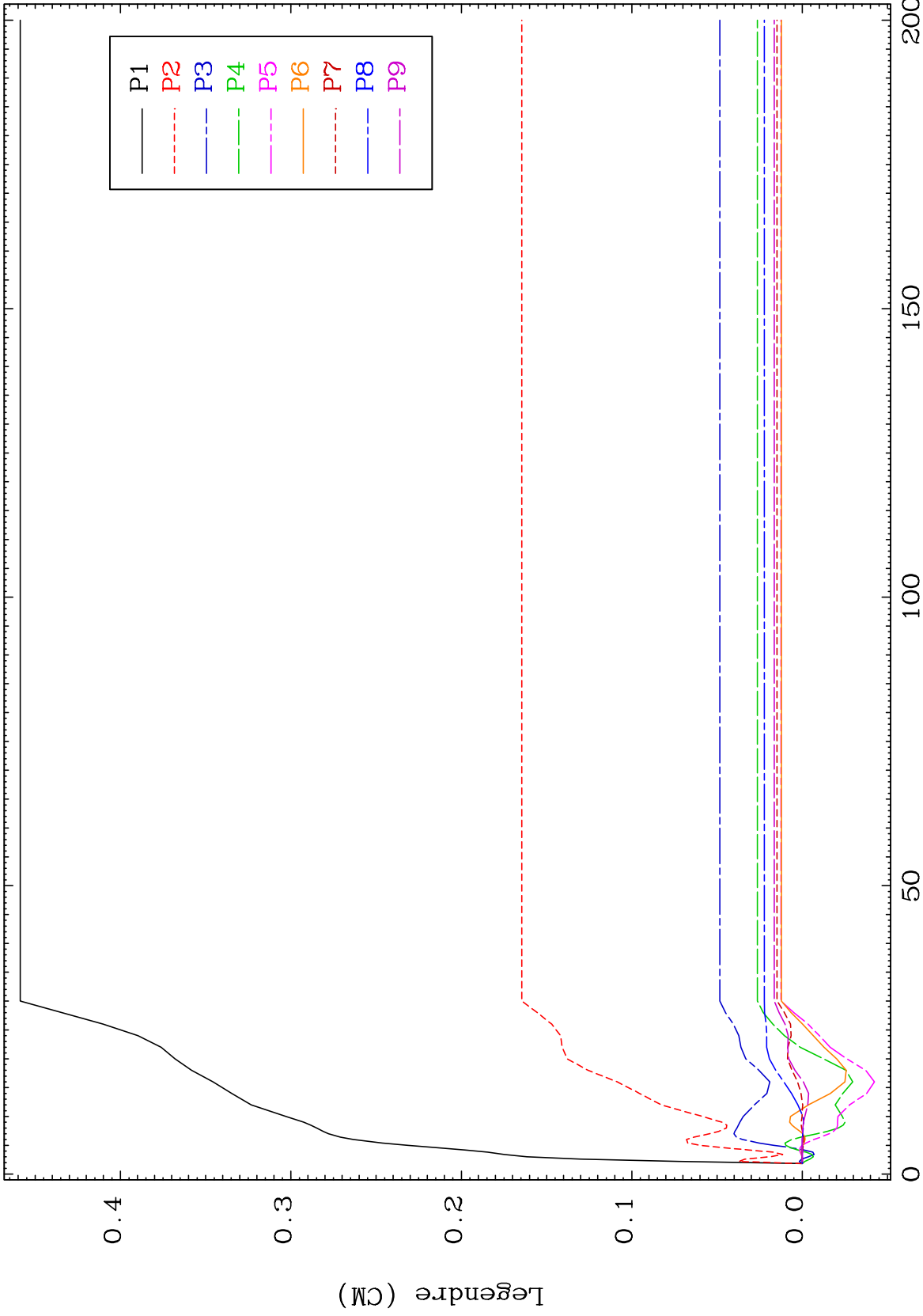
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



41-Nb-83

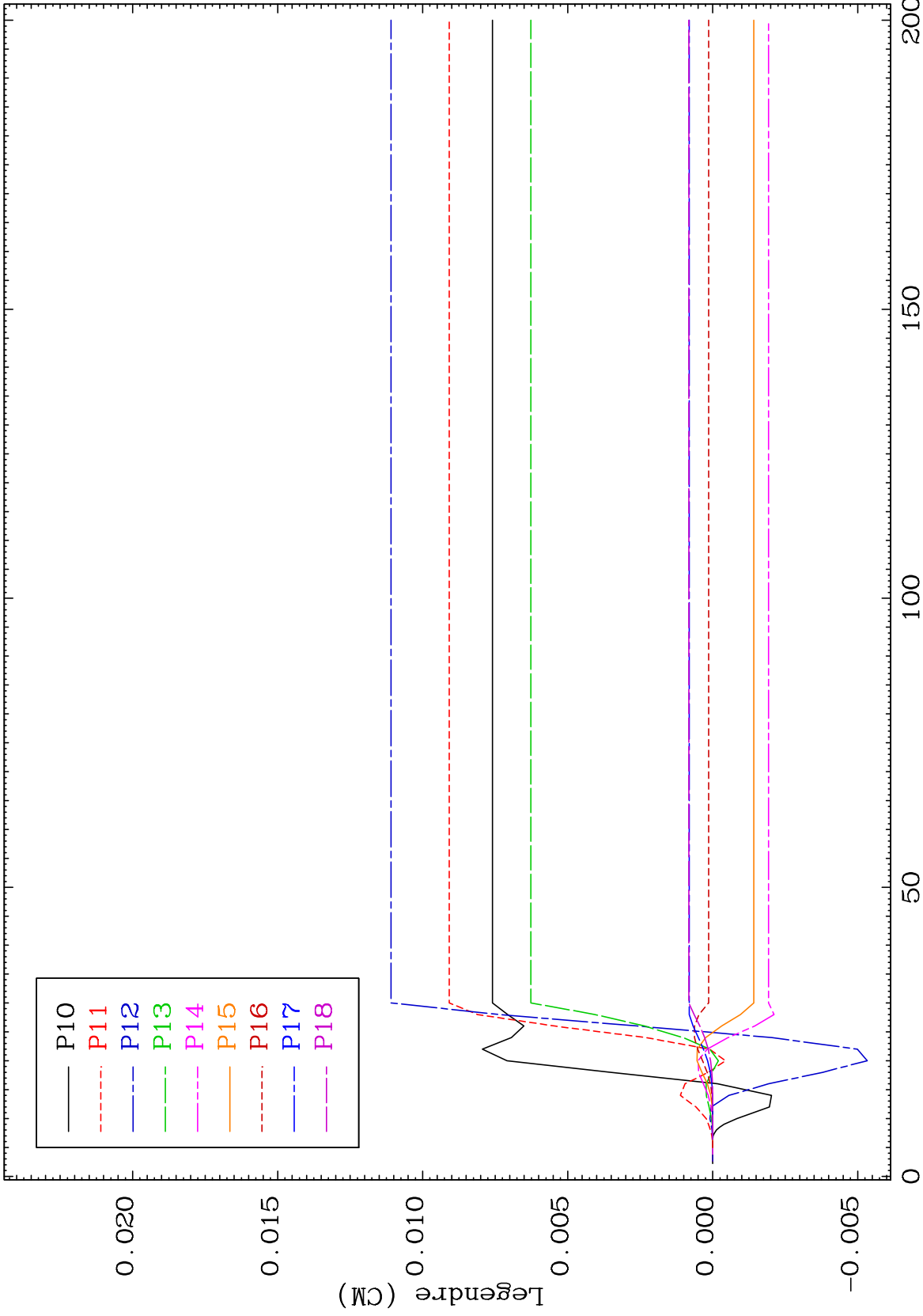
Incident Energy (MeV)

70

MAT 4095

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

41-Nb-83



71

Incident Energy (MeV)

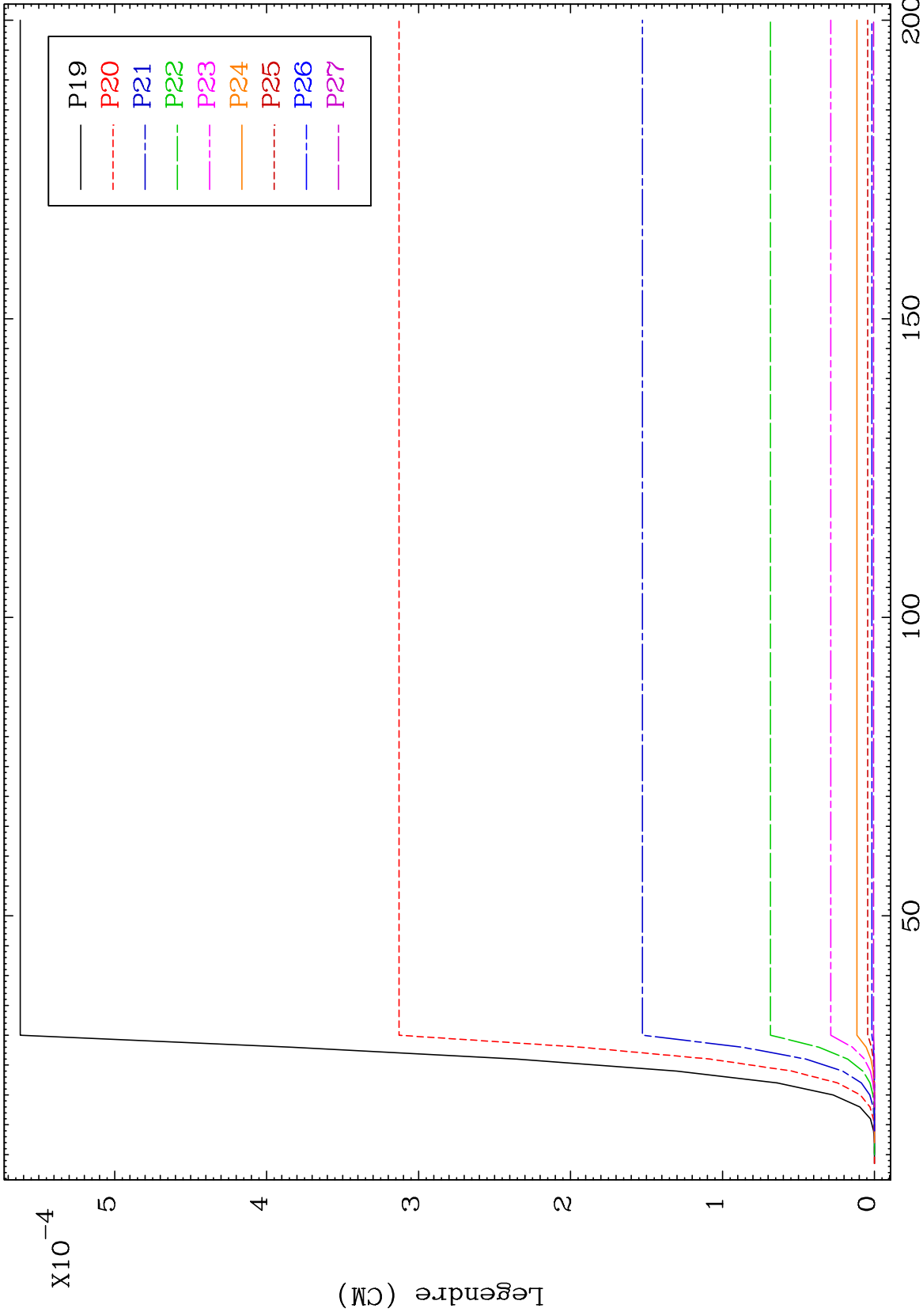
41-Nb-83



MAT 4095

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

41-Nb-83



72

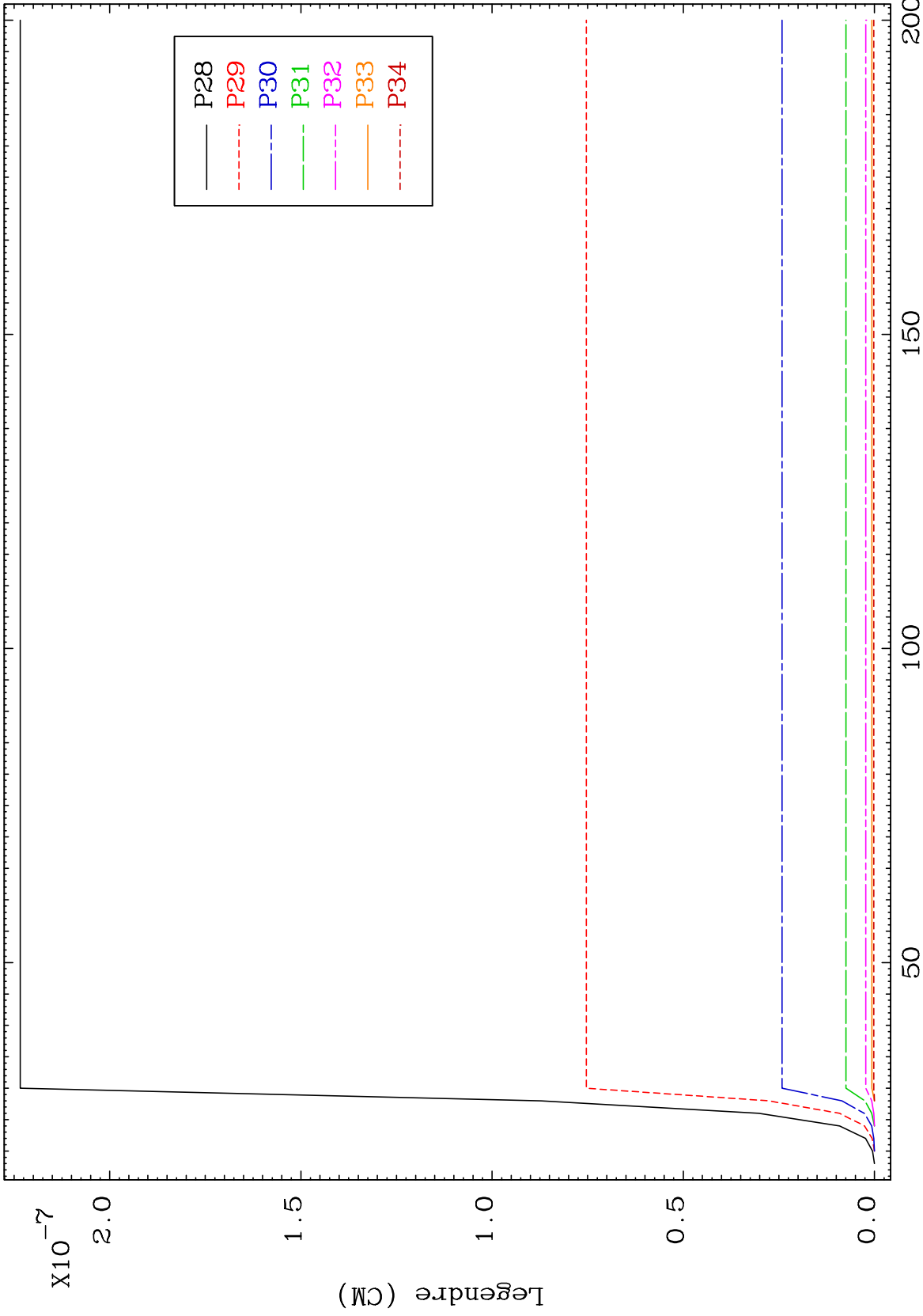
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



73

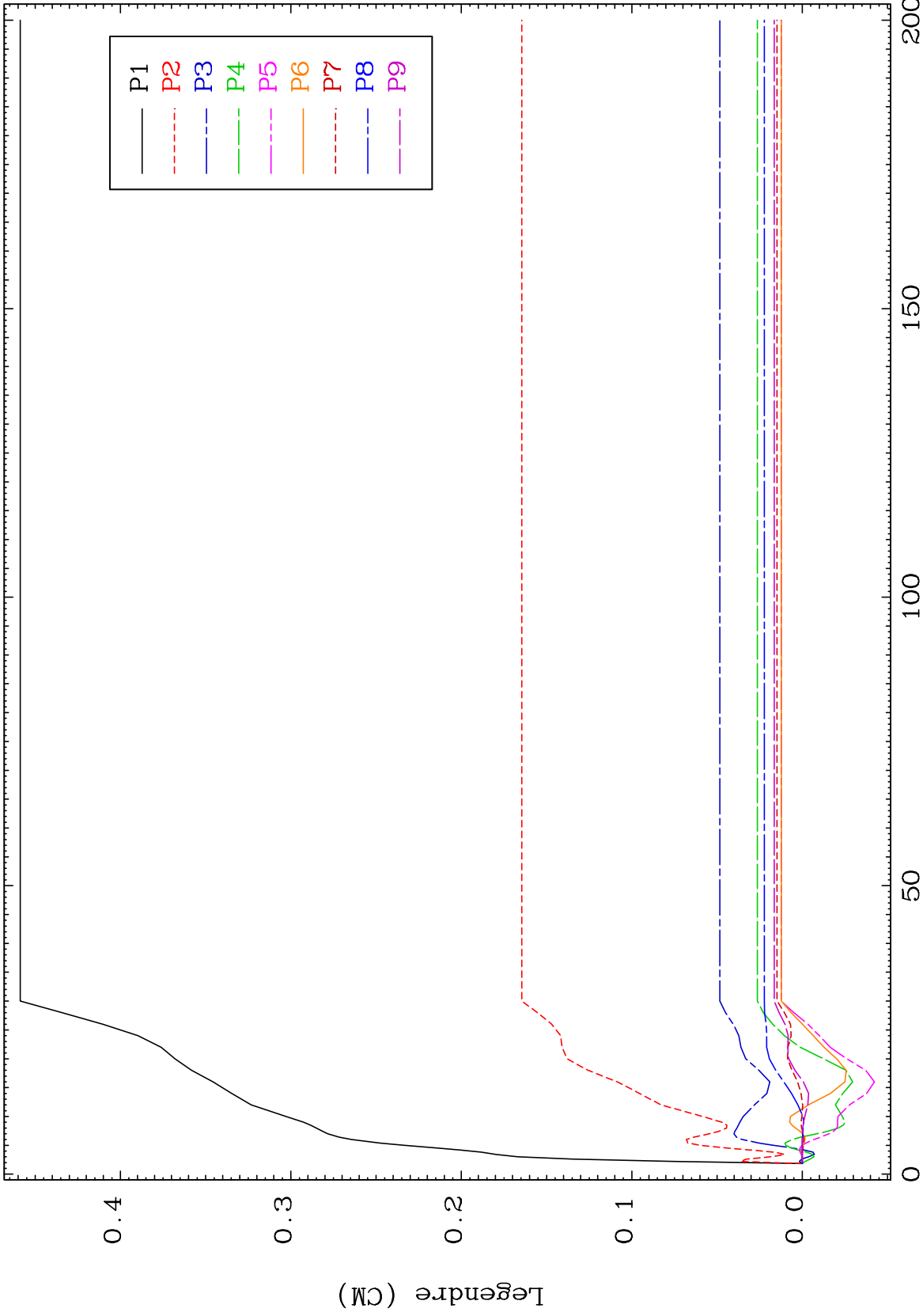
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



74

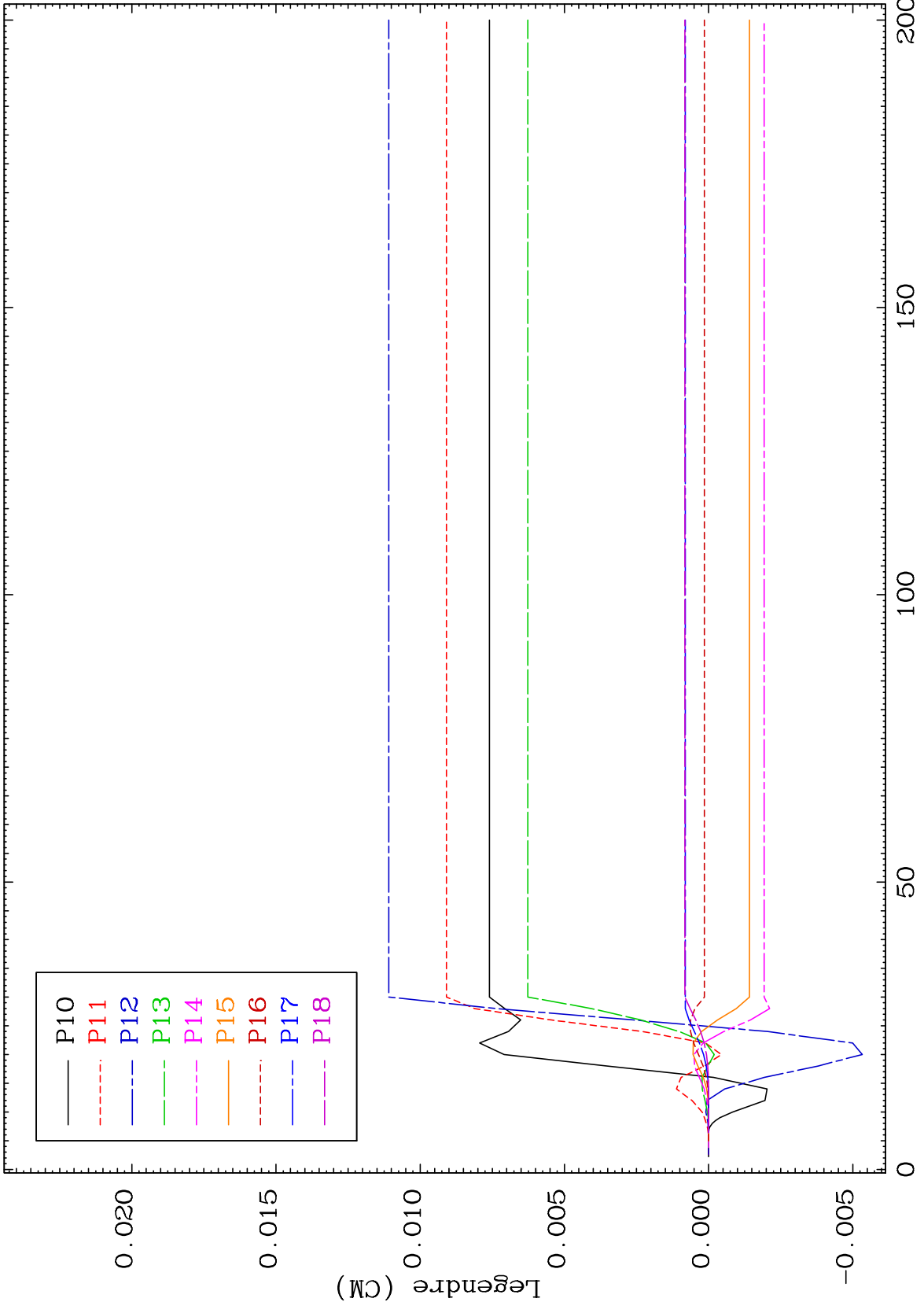
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



75

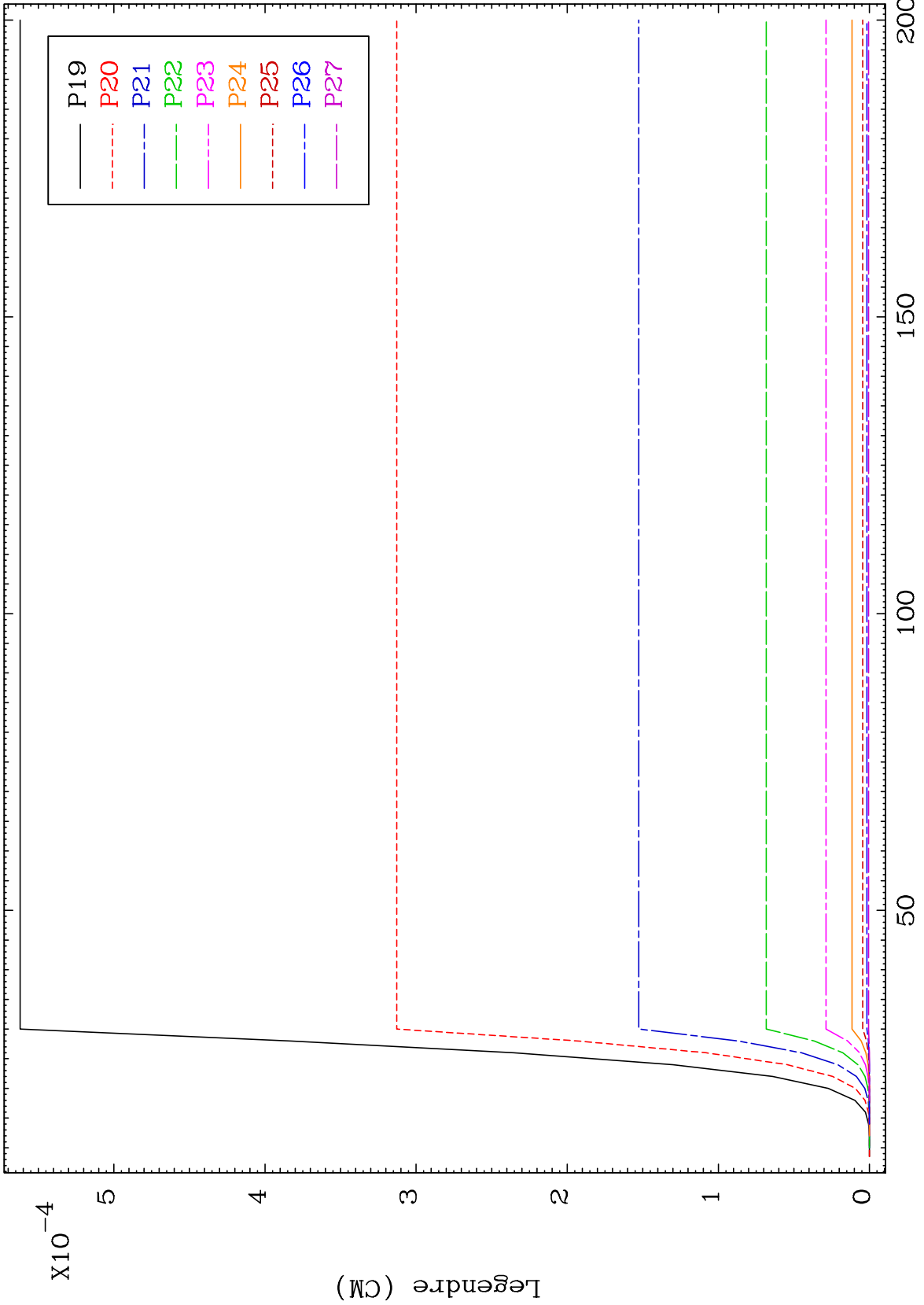
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



76

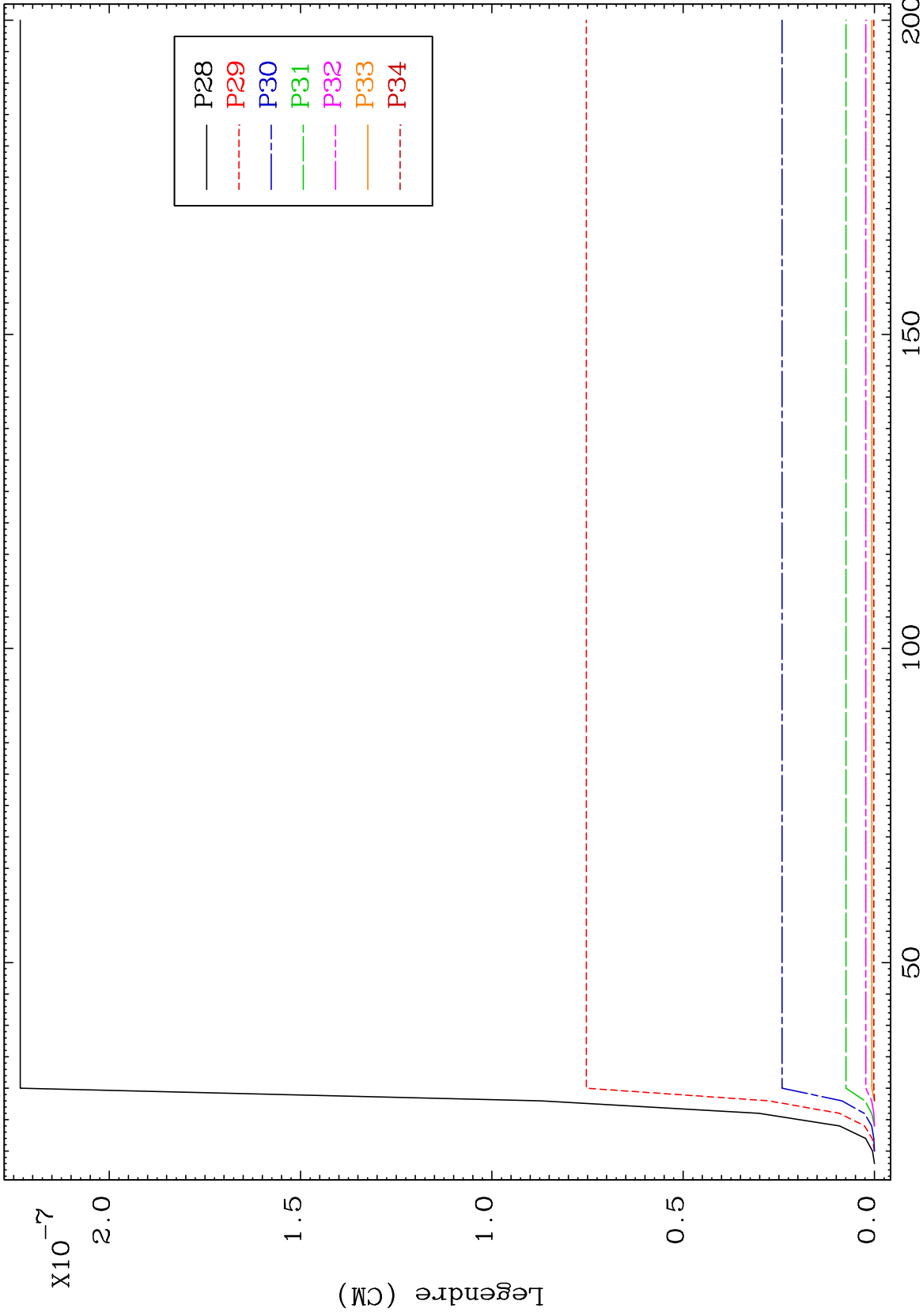
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



77

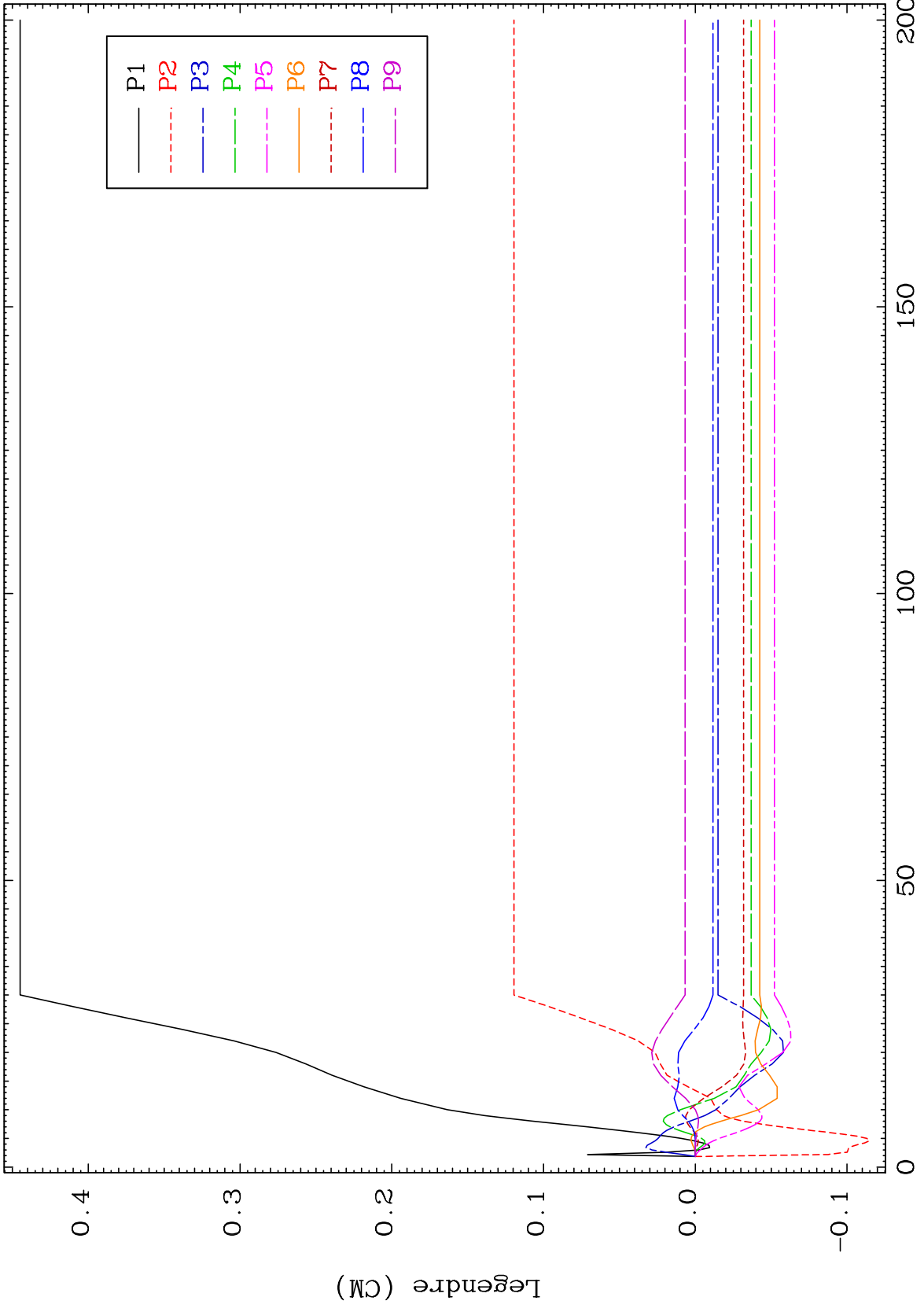
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83

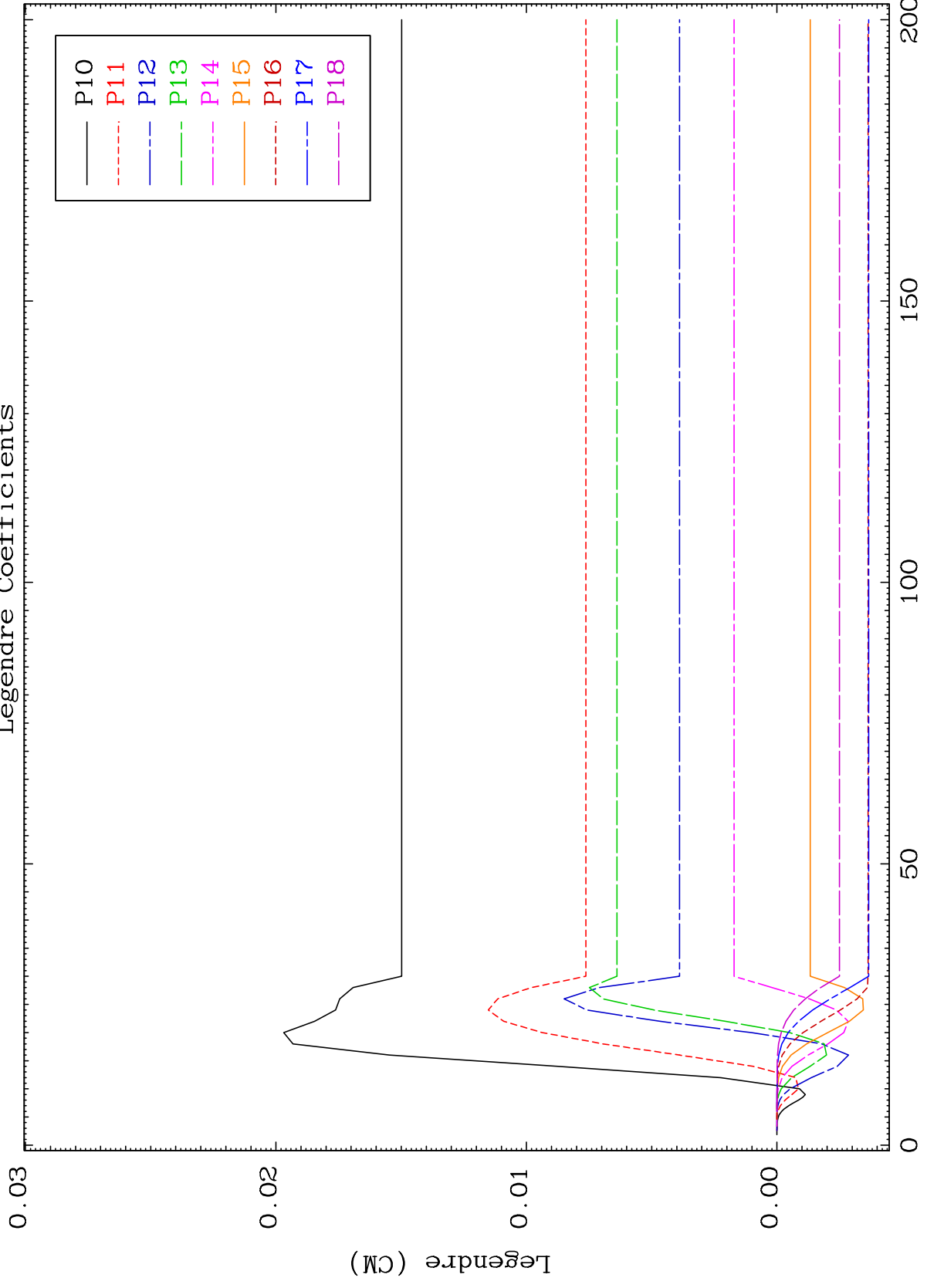


78

Incident Energy (MeV)

41-Nb-83

MAT 4095 MT= 66 (n,n') Level Legendre Coefficients 41-Nb-83



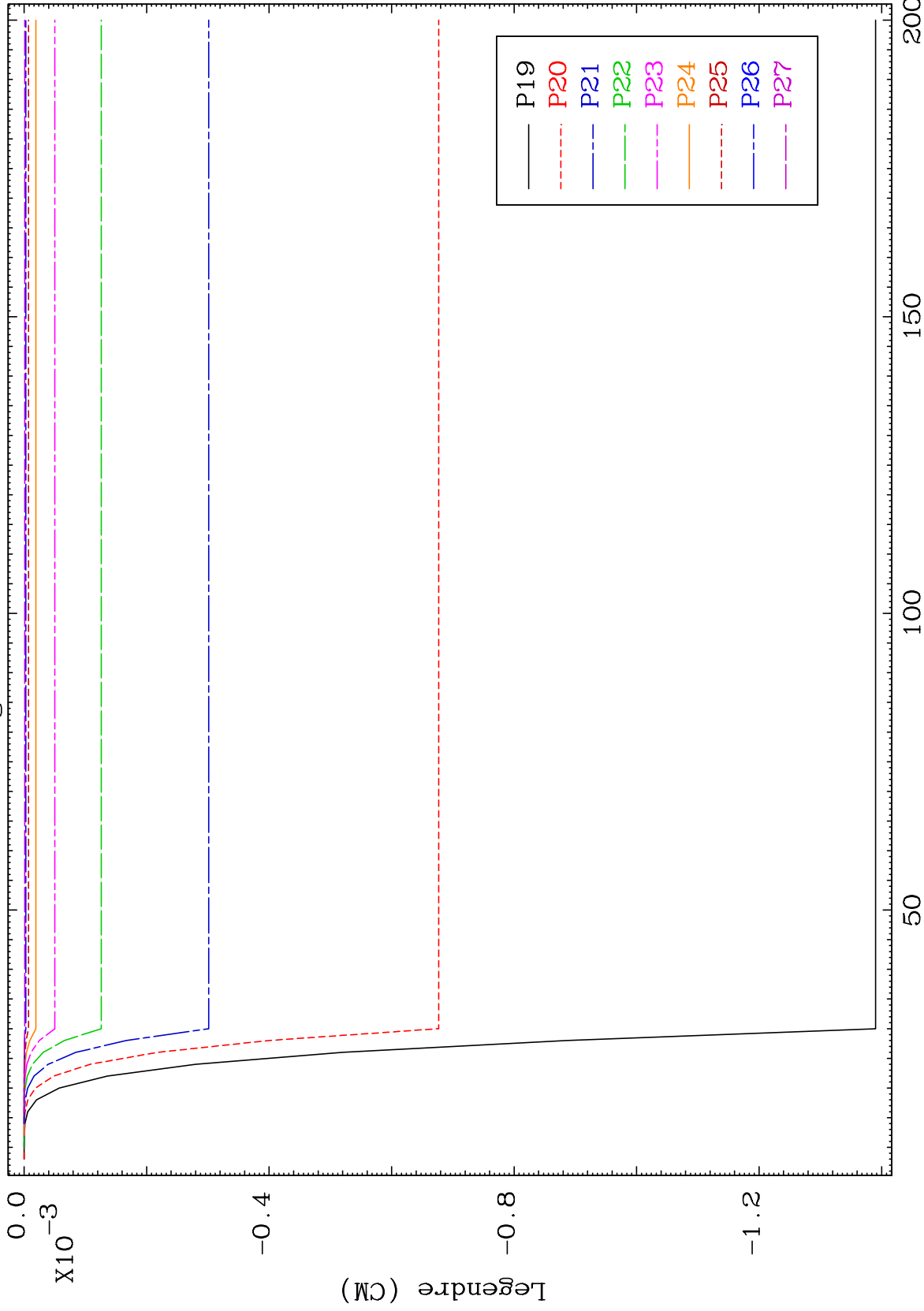
79 41-Nb-83



MAT 4095

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

41-Nb-83



41-Nb-83

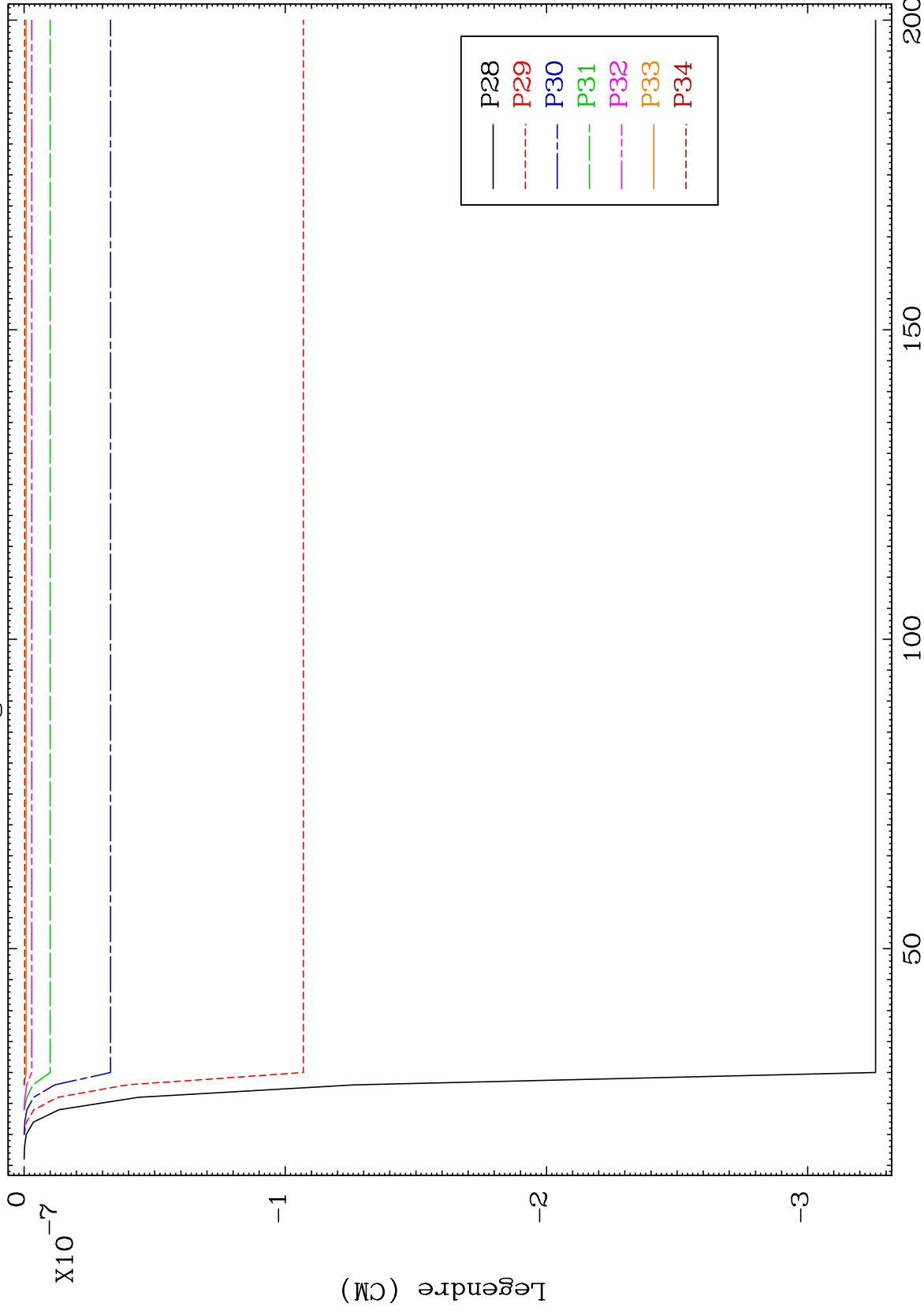
Incident Energy (MeV)

80

MAT 4095

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

41-Nb-83



41-Nb-83

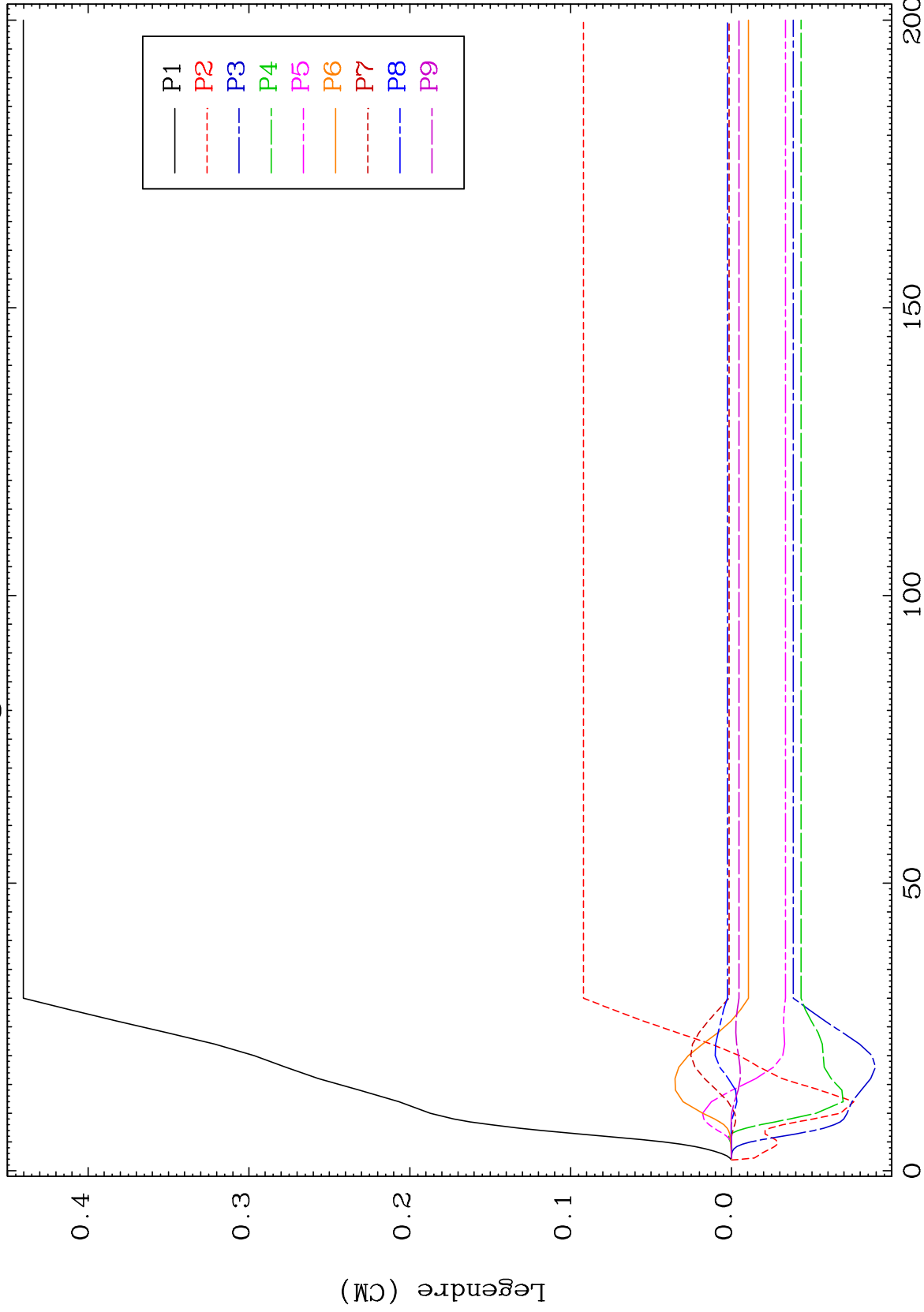
Incident Energy (MeV)

81

MAT 4095

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

41-Nb-83



82

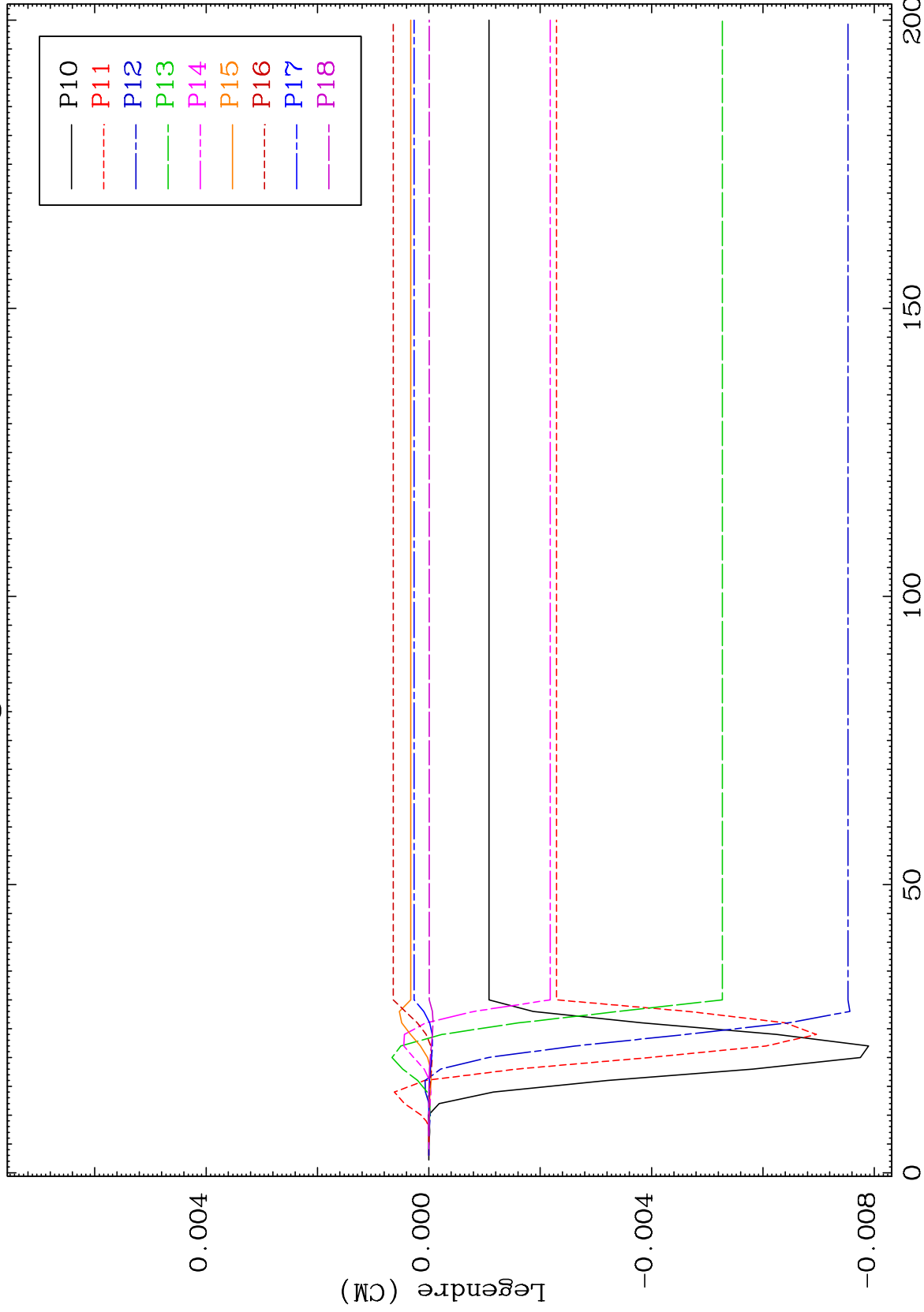
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



83

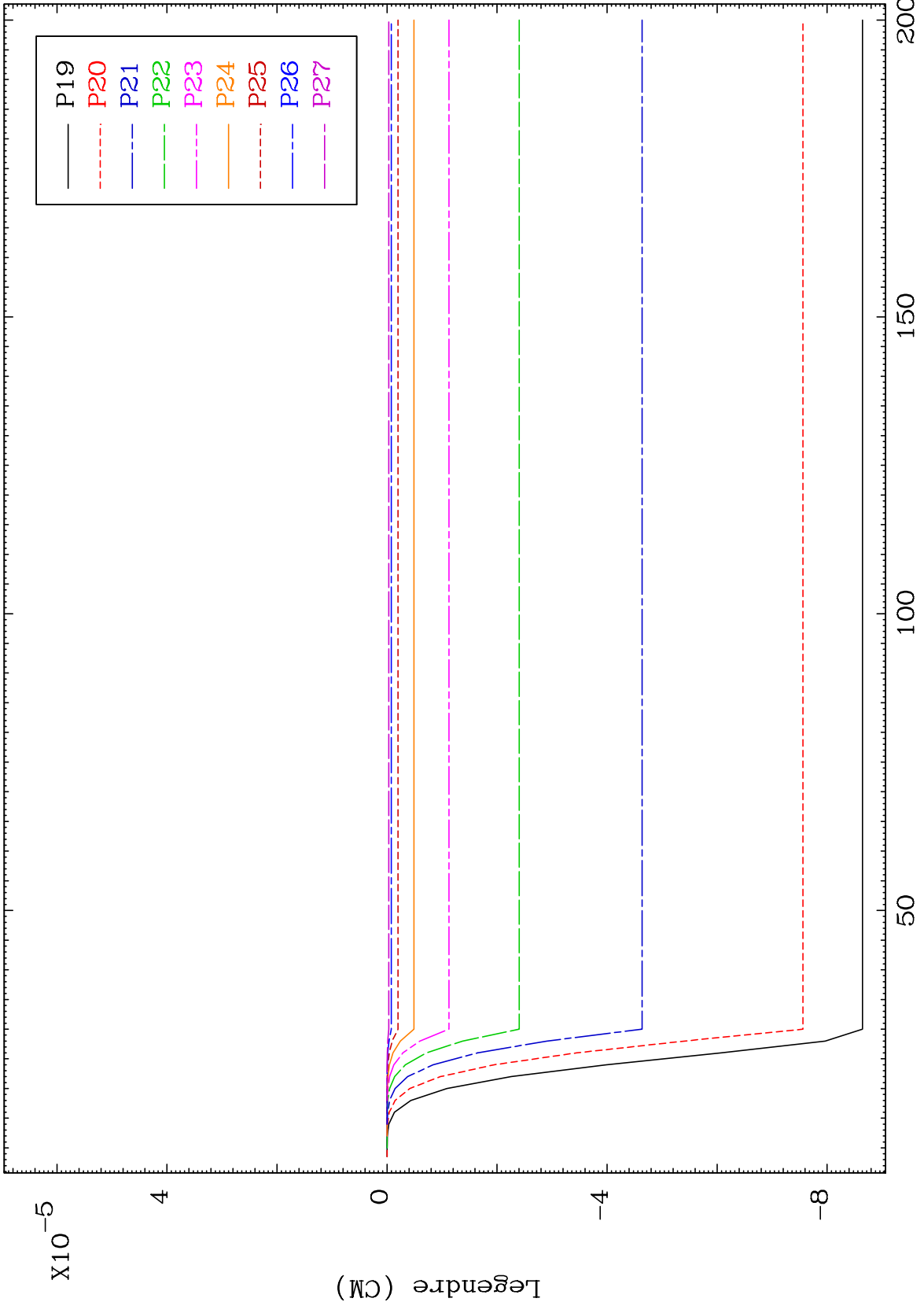
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



84

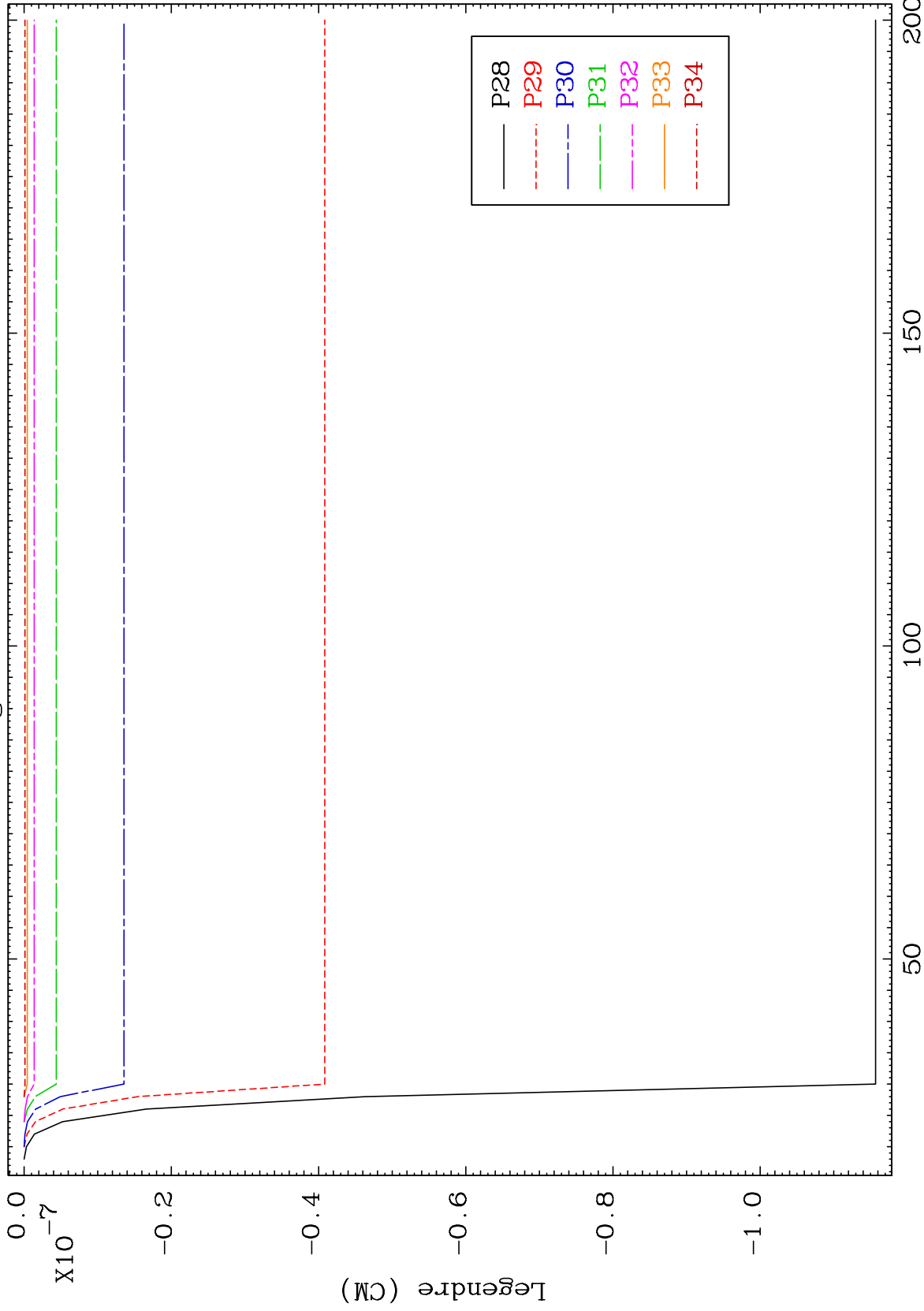
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



85

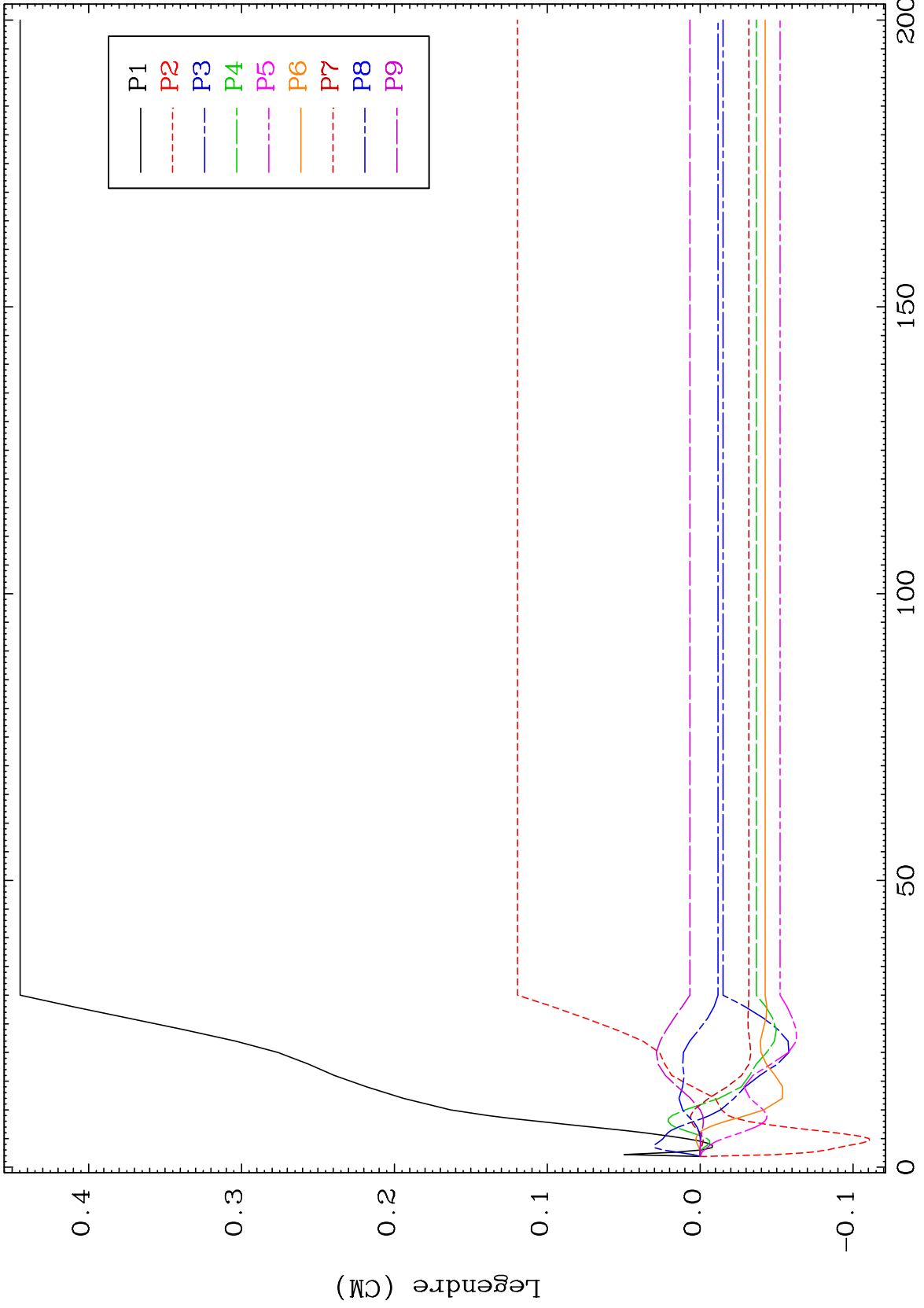
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83

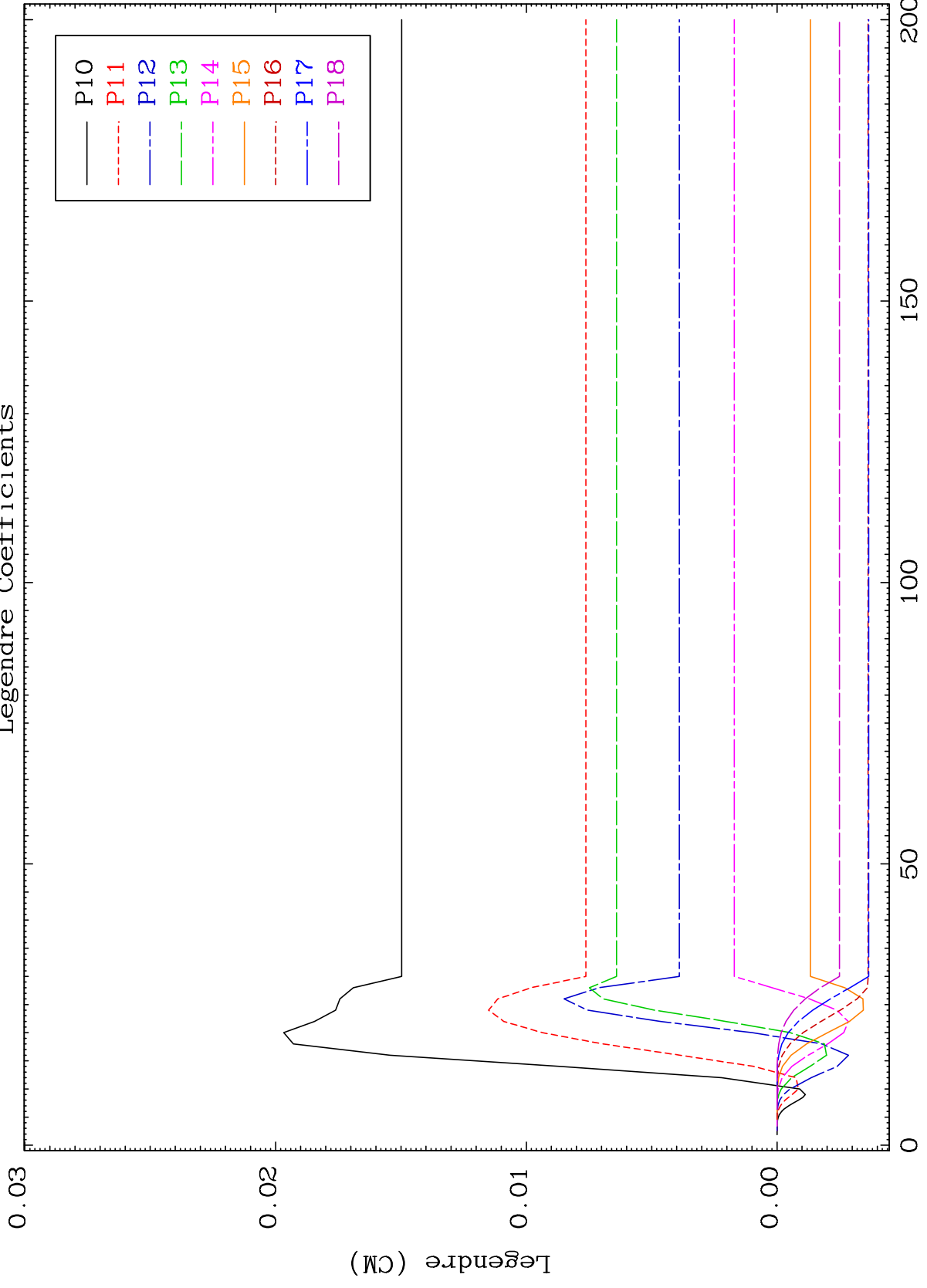


86

Incident Energy (MeV)

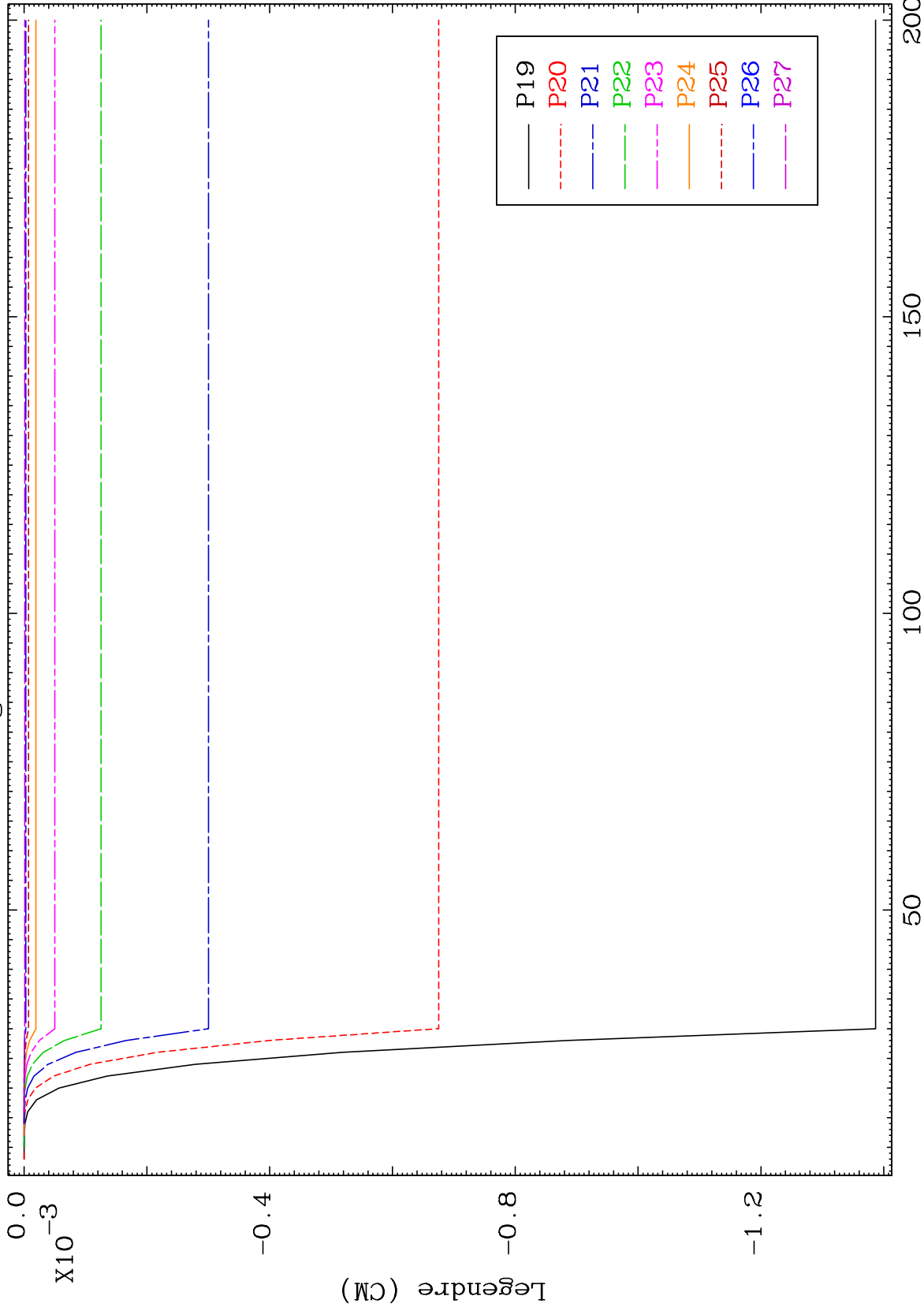
41-Nb-83

MAT 4095 MT= 68 (n,n') Level Legendre Coefficients 41-Nb-83



87 41-Nb-83

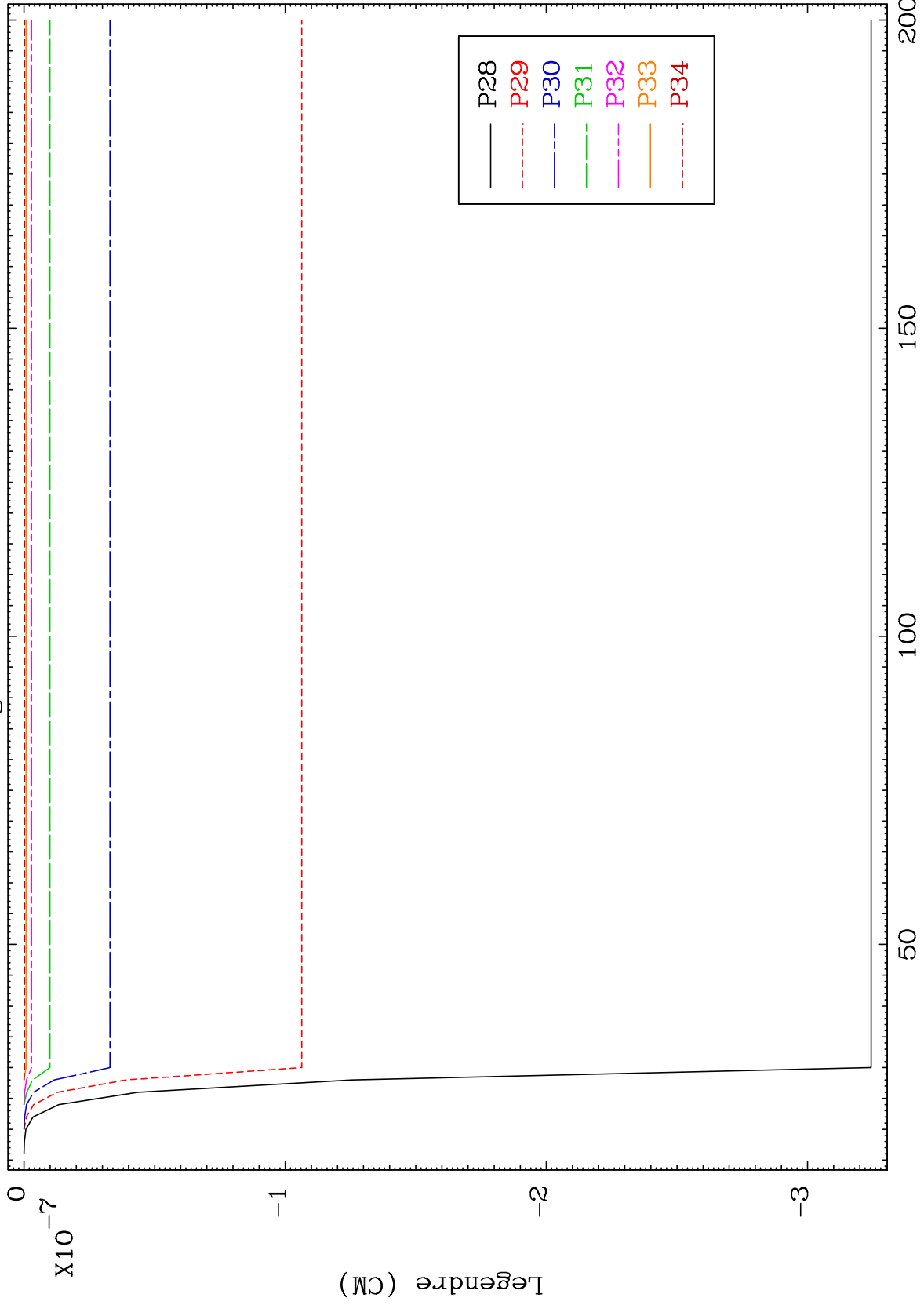




MAT 4095

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

41-Nb-83



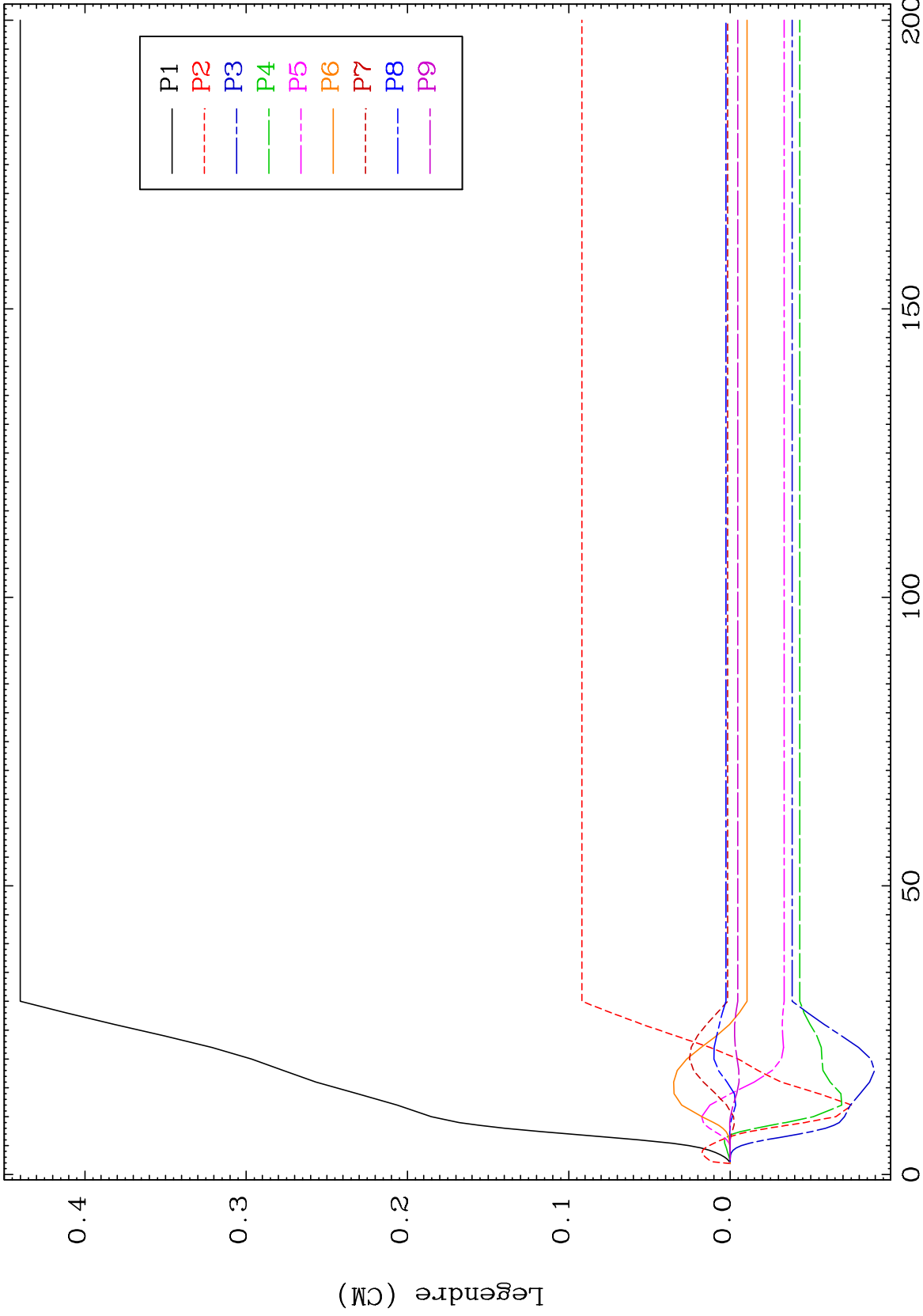
89

41-Nb-83

MAT 4095

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

41-Nb-83



90

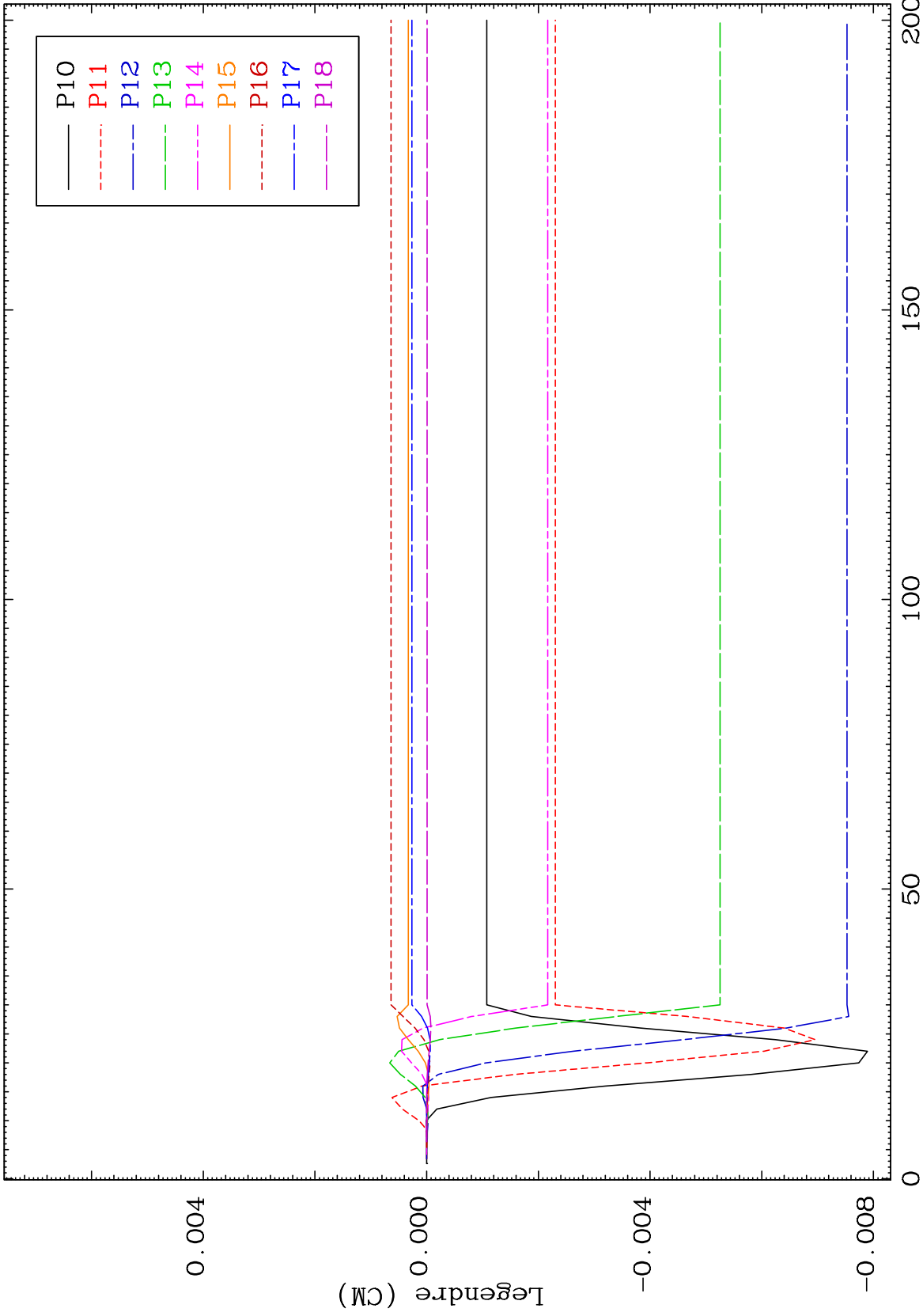
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



91

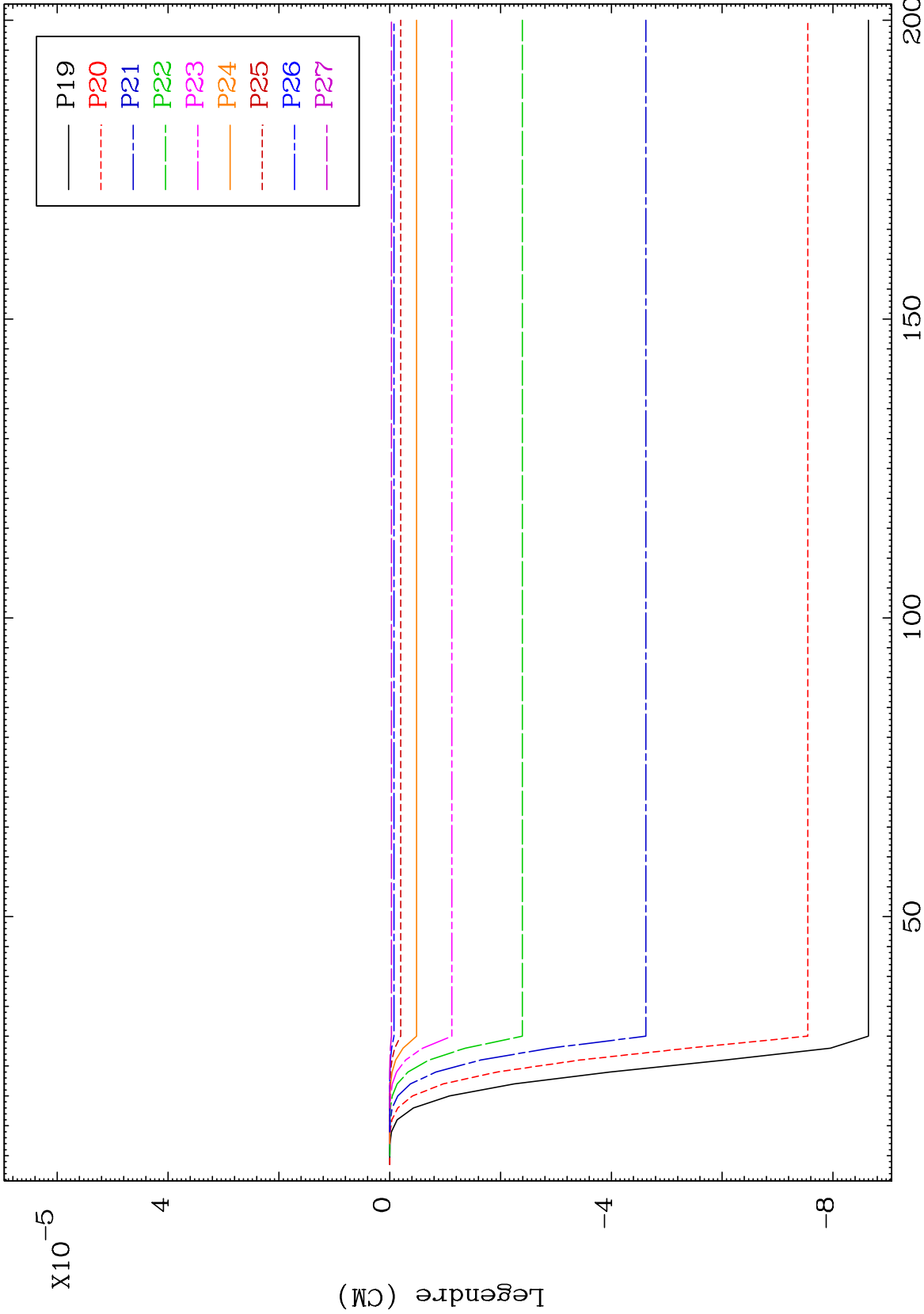
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

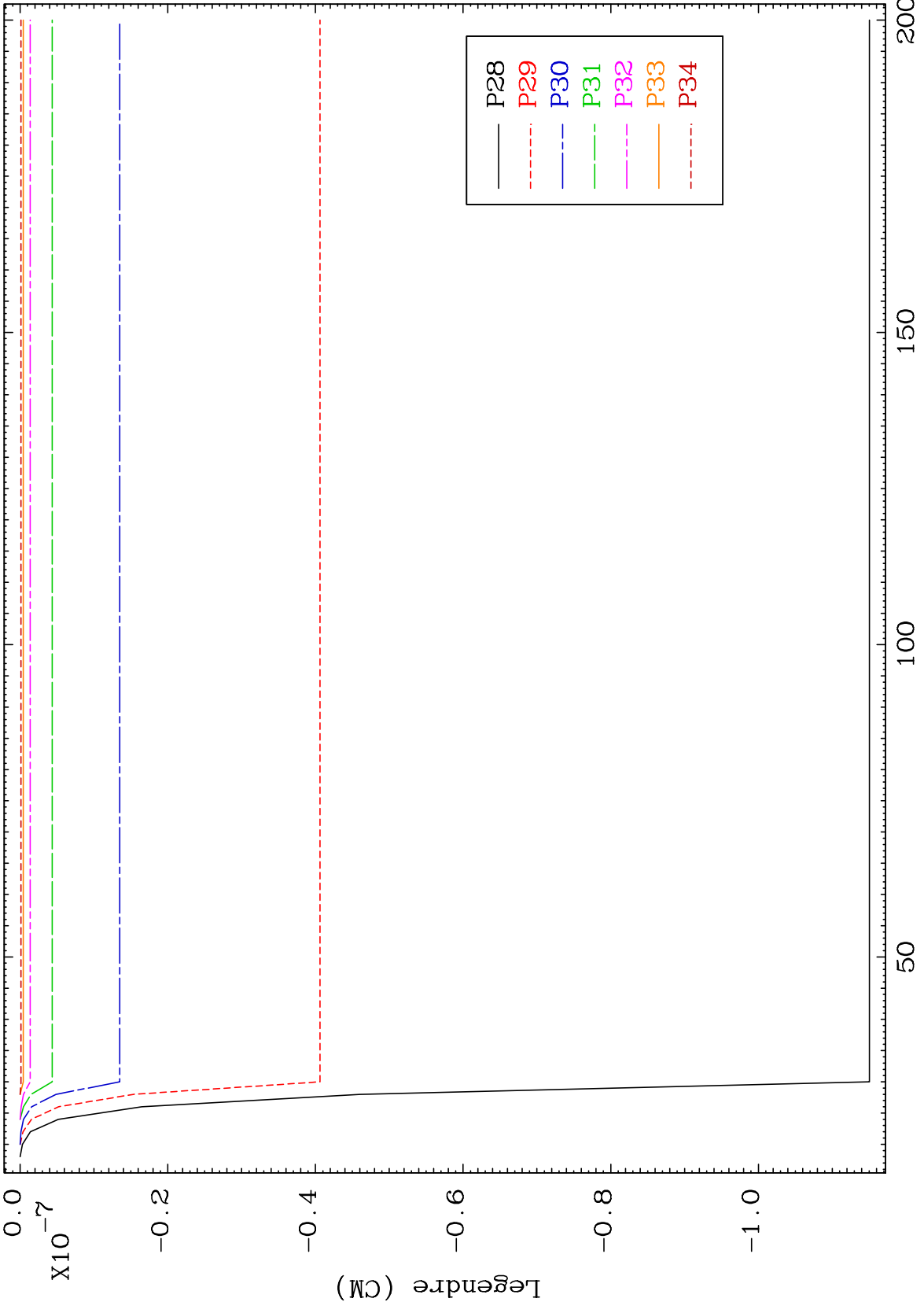
41-Nb-83



92

Incident Energy (MeV)

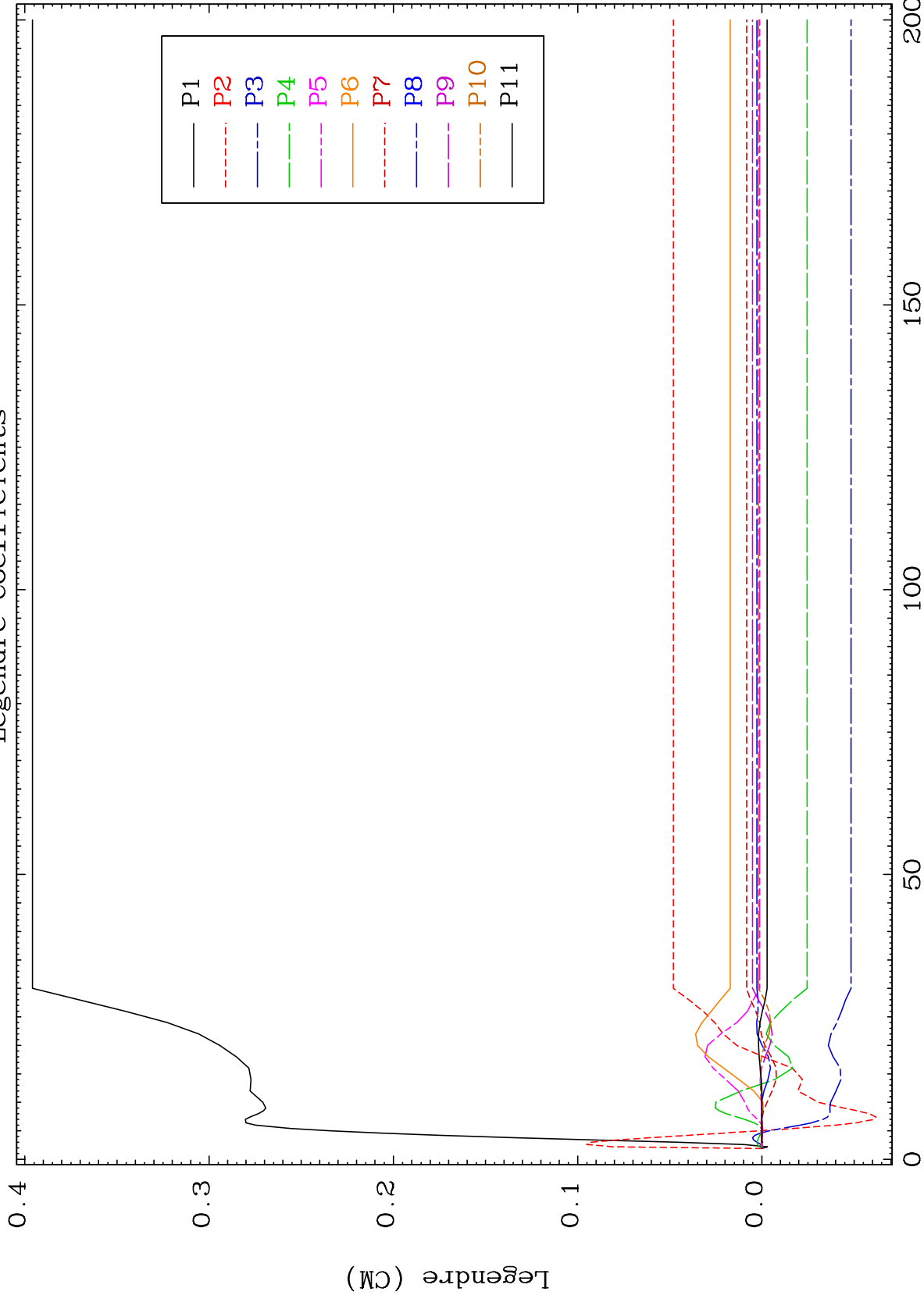
41-Nb-83



MAT 4095

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

41-Nb-83



94

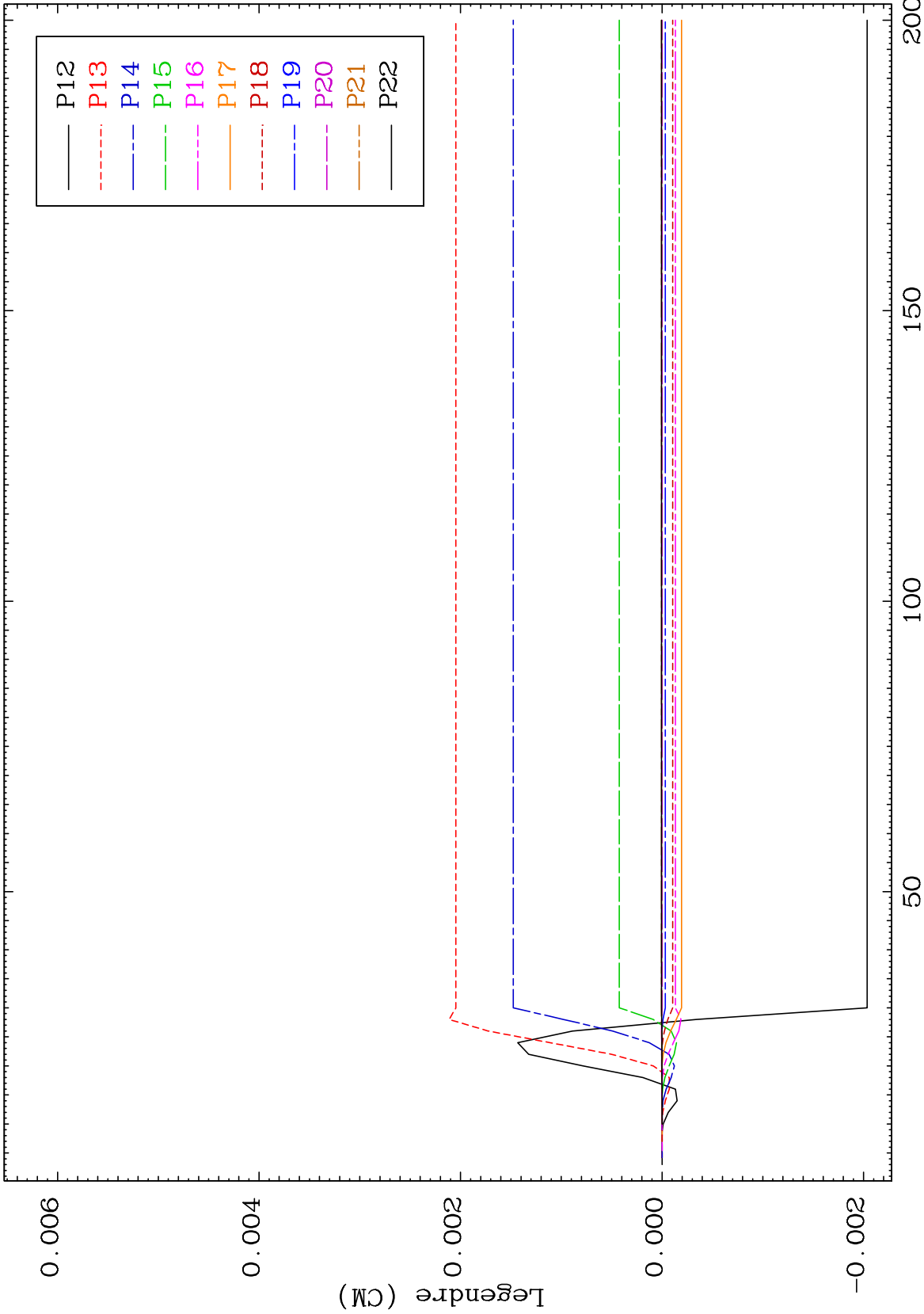
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



95

Incident Energy (MeV)

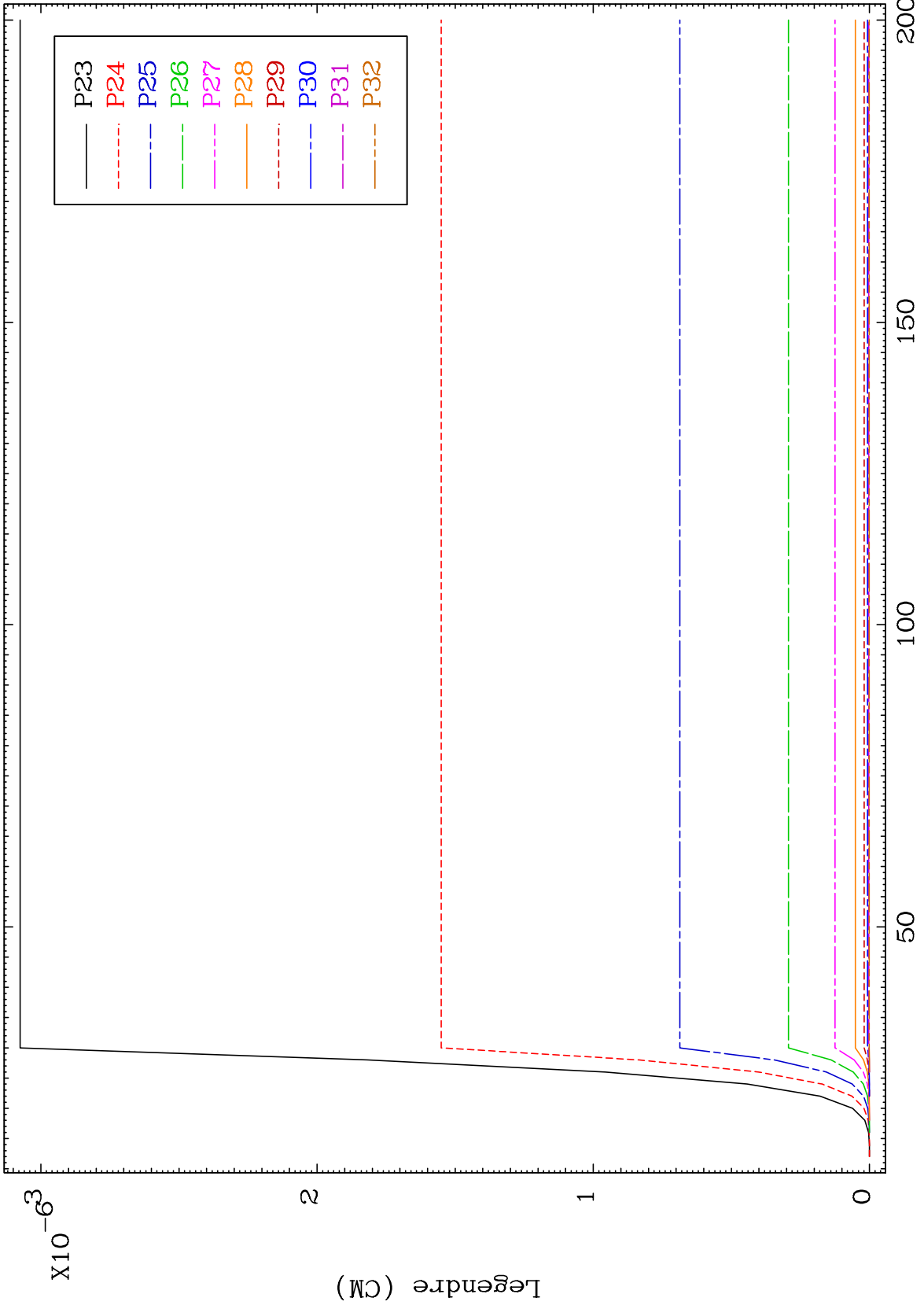
41-Nb-83



MAT 4095

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

41-Nb-83



96

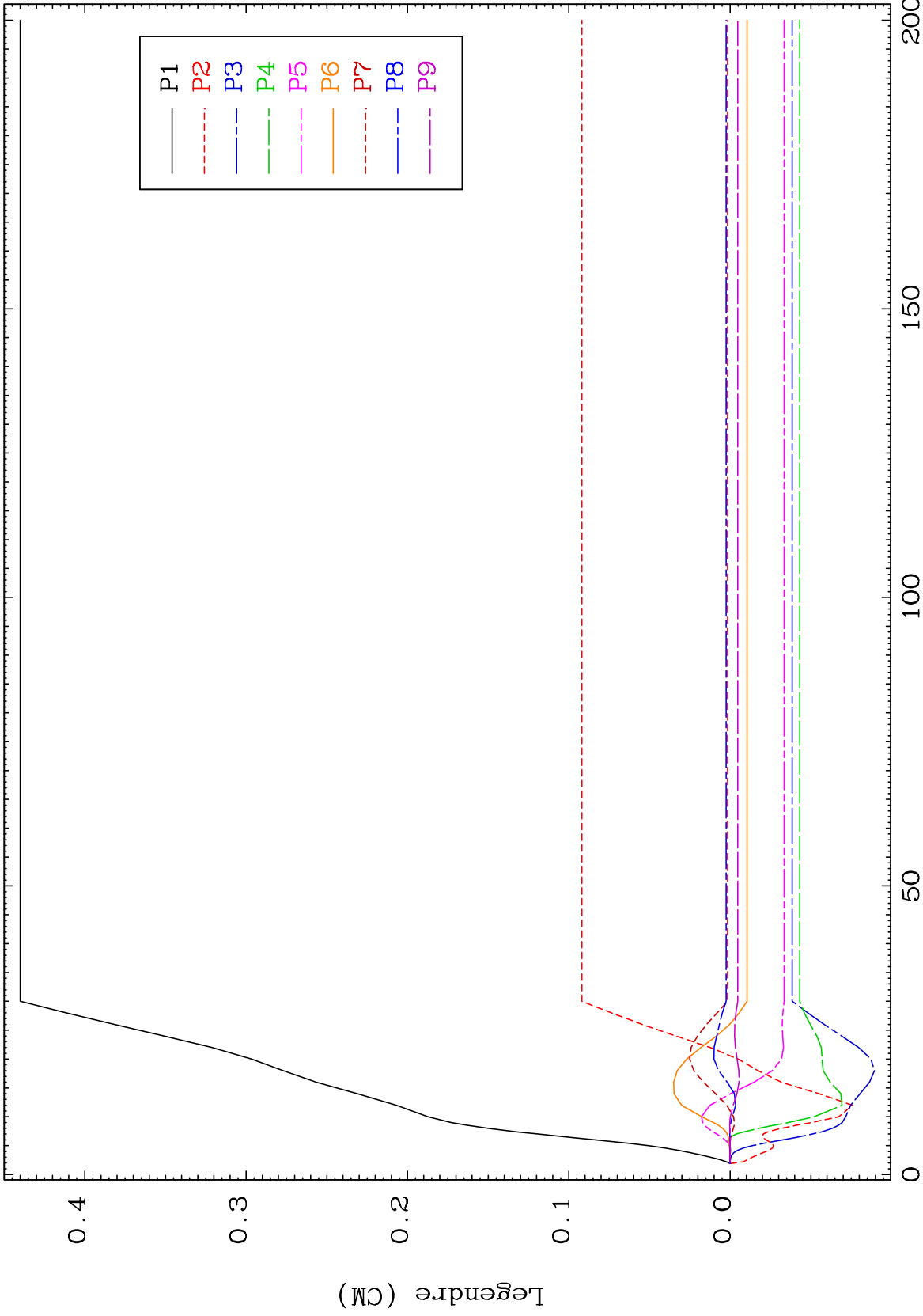
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



97

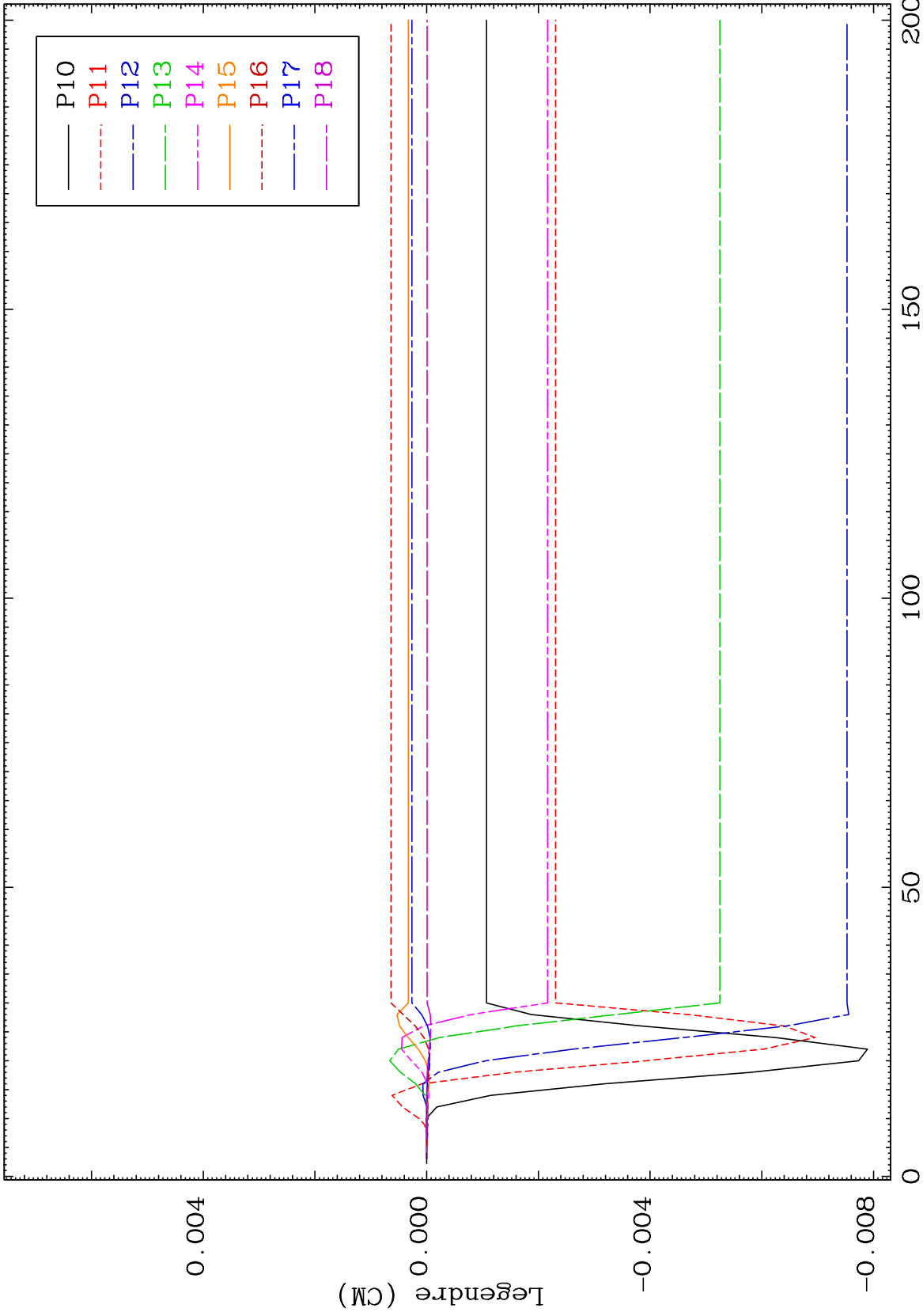
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



98

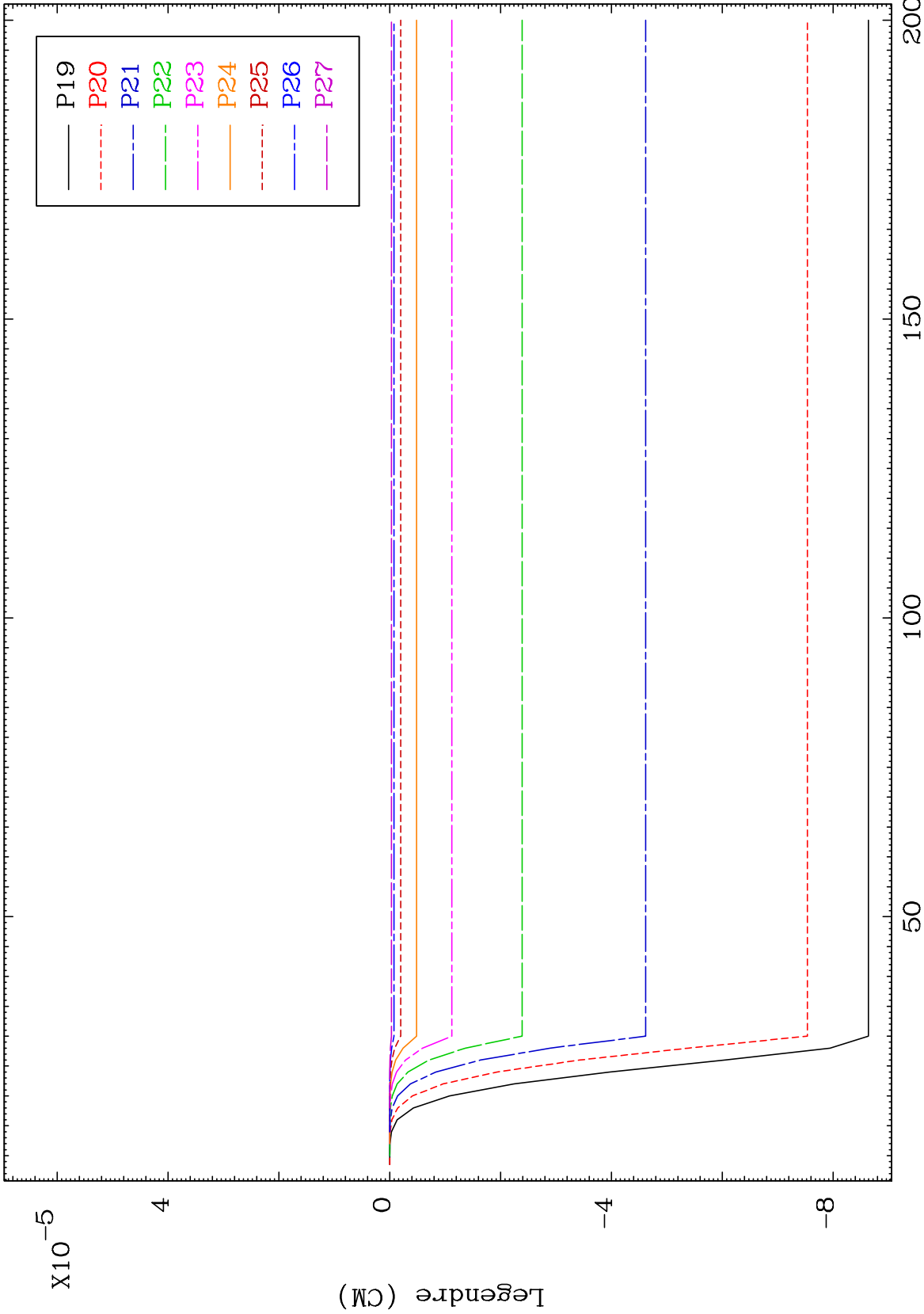
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83

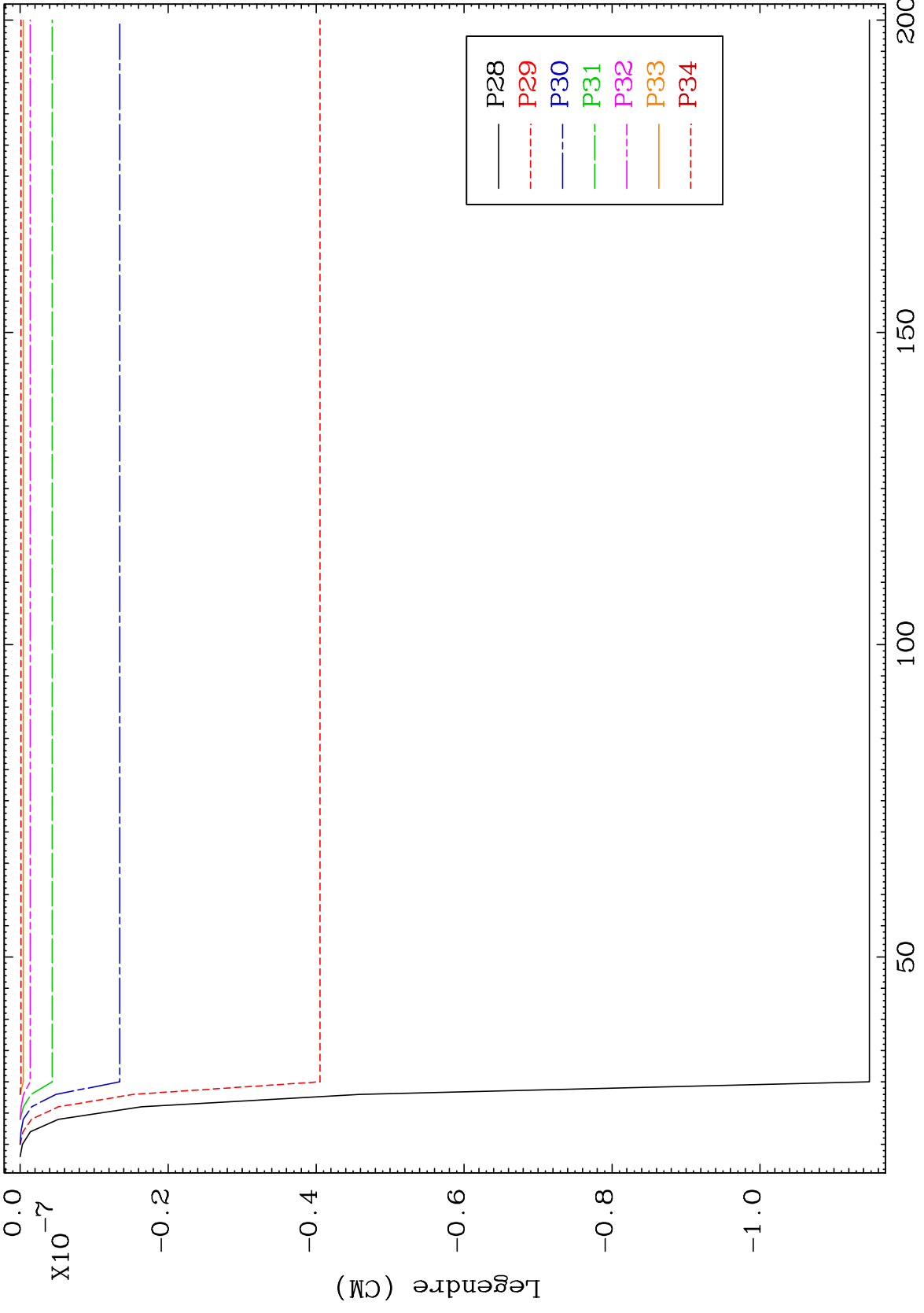


99

Incident Energy (MeV)

41-Nb-83

MAT 4095 MT= 71 (n,n') Level Legendre Coefficients 41-Nb-83

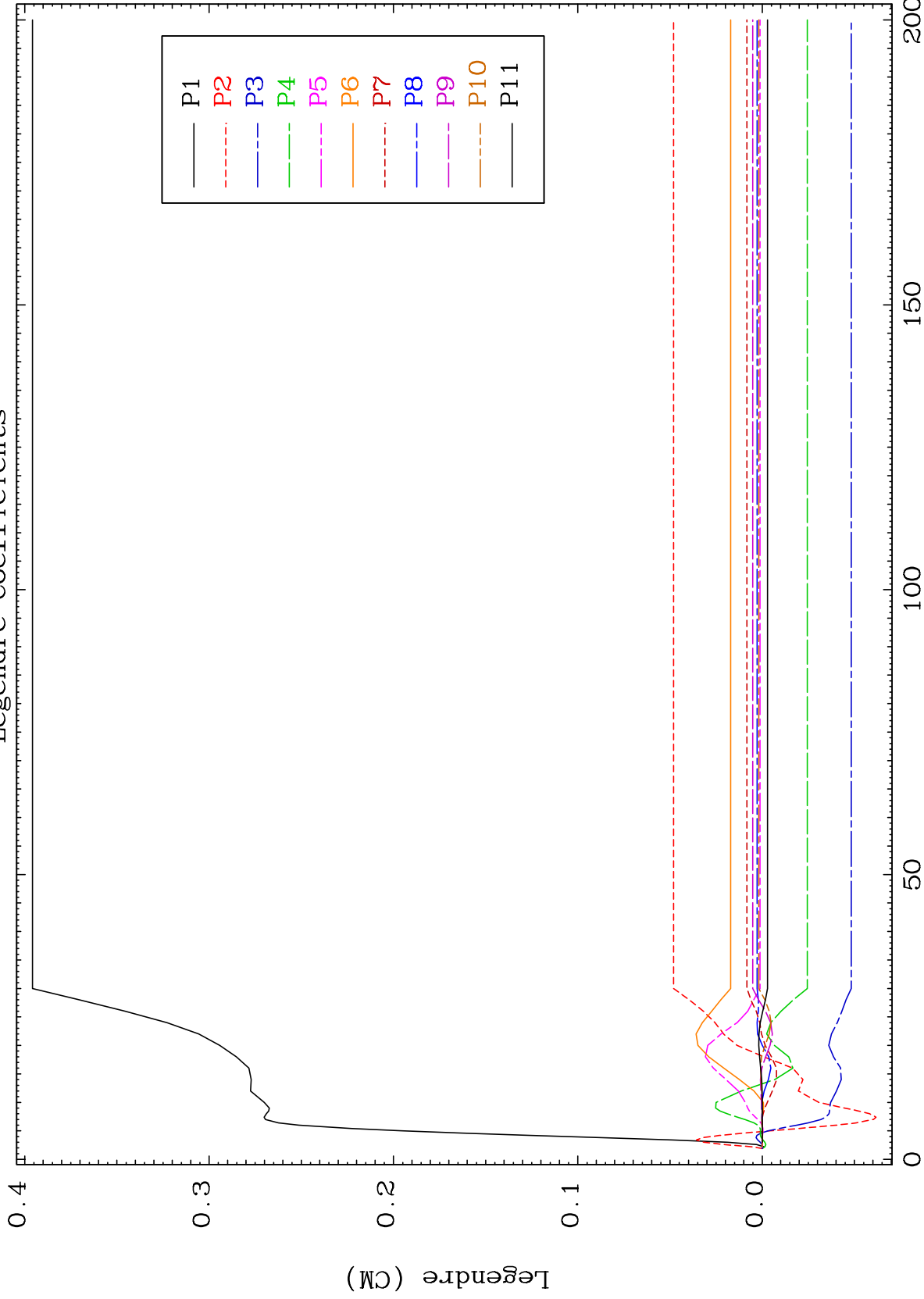


41-Nb-83

MAT 4095

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

41-Nb-83



101

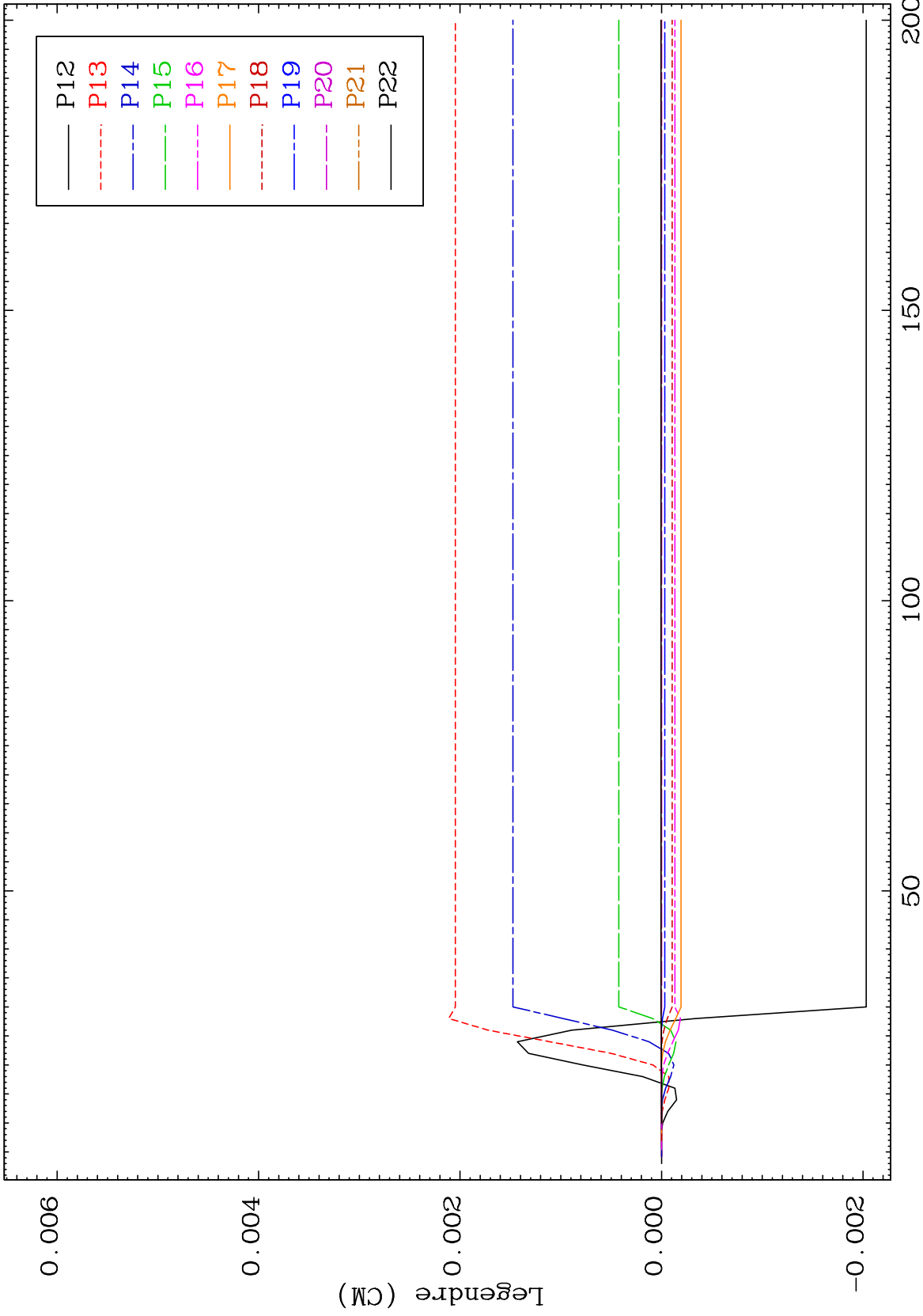
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



102

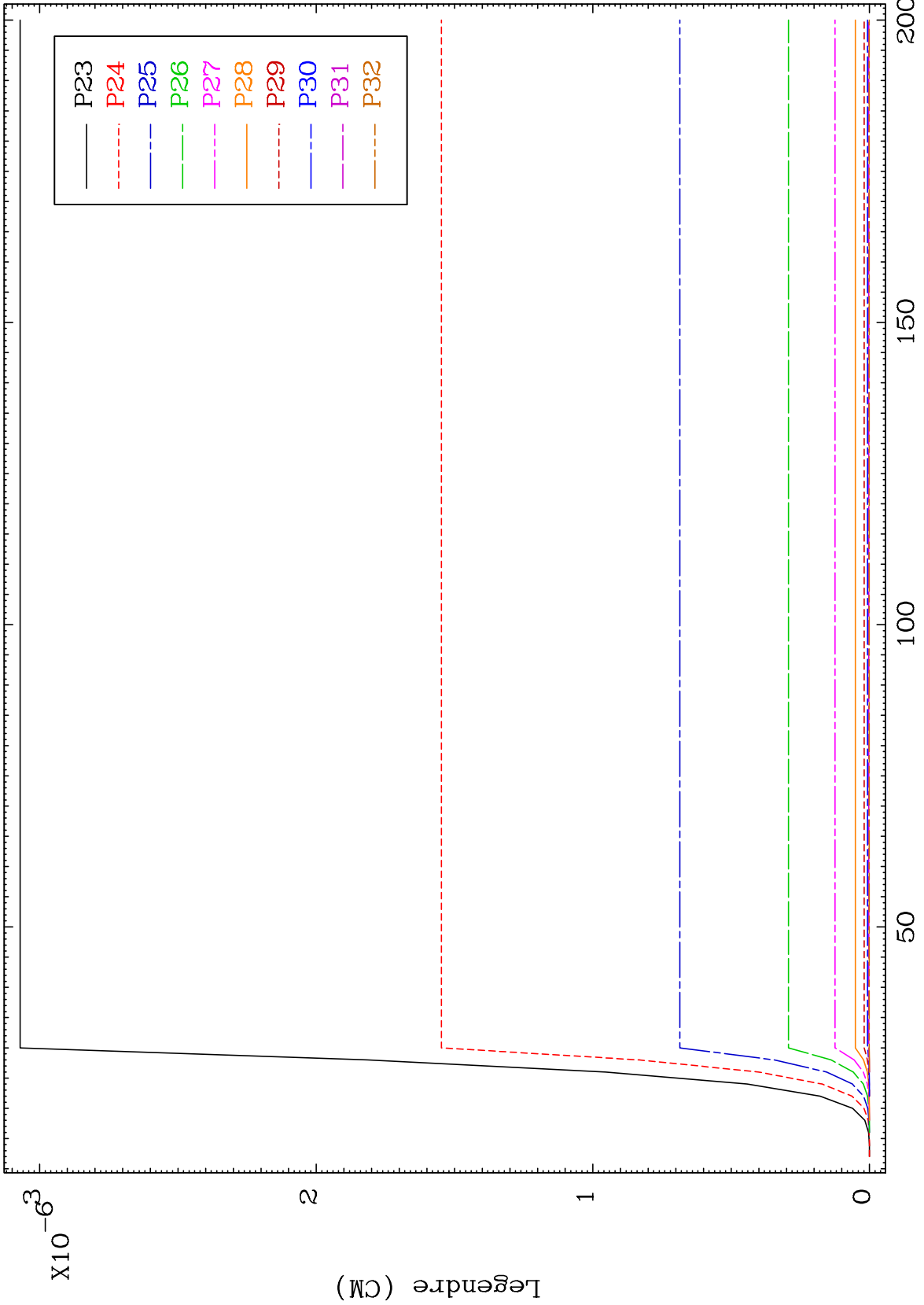
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



103

Incident Energy (MeV)

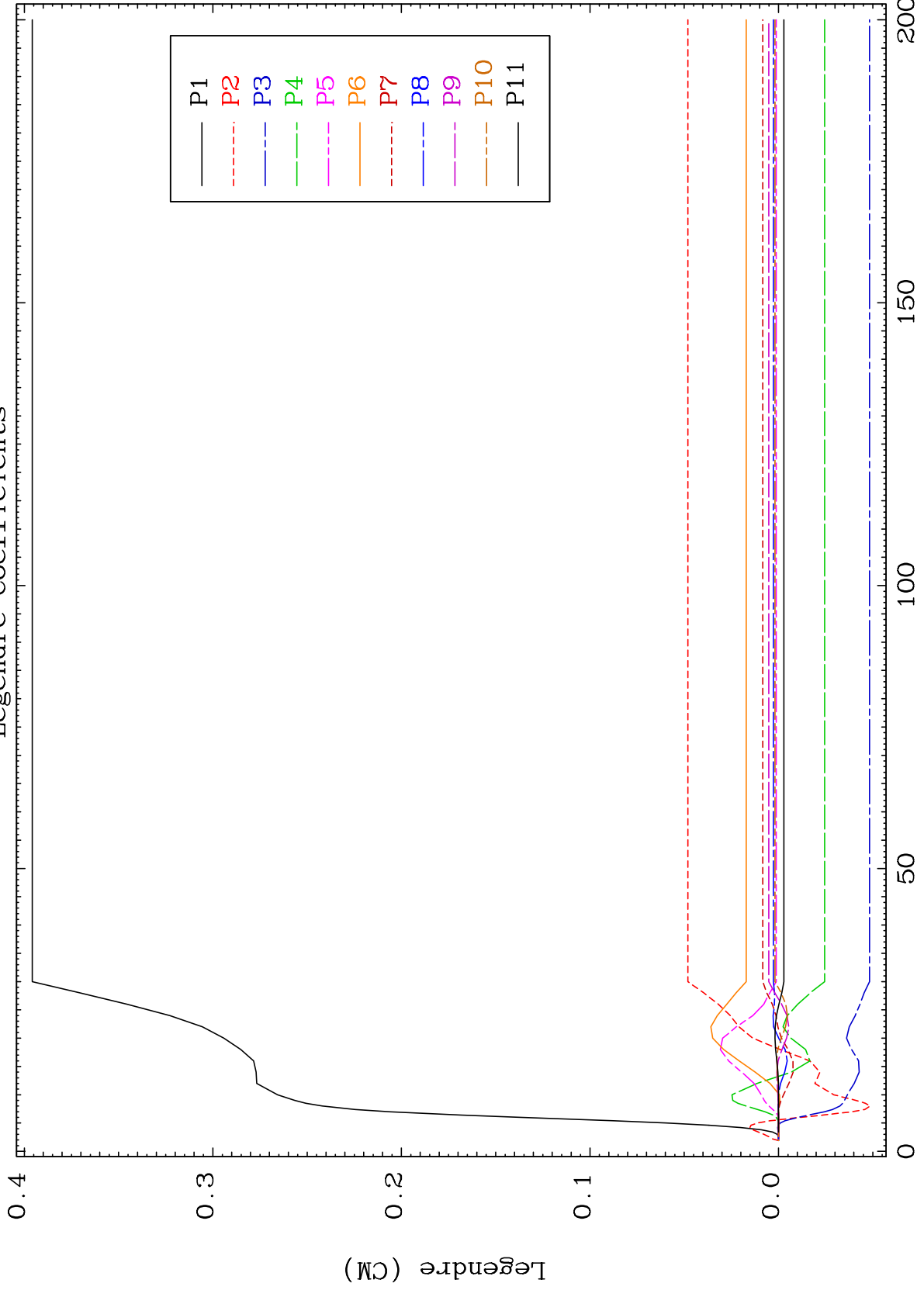
41-Nb-83



MAT 4095

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

41-Nb-83



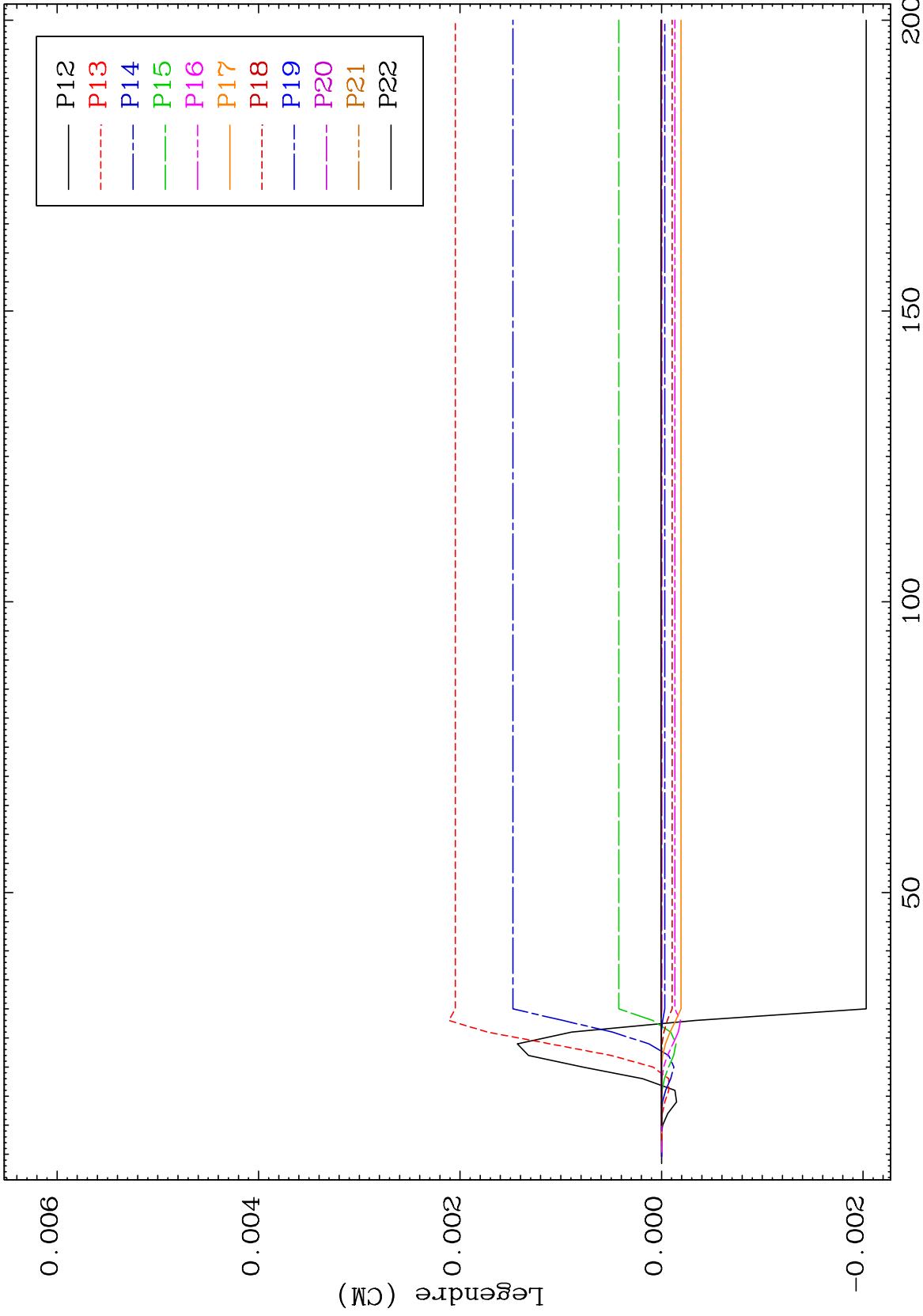
104

41-Nb-83

MAT 4095

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

41-Nb-83



105

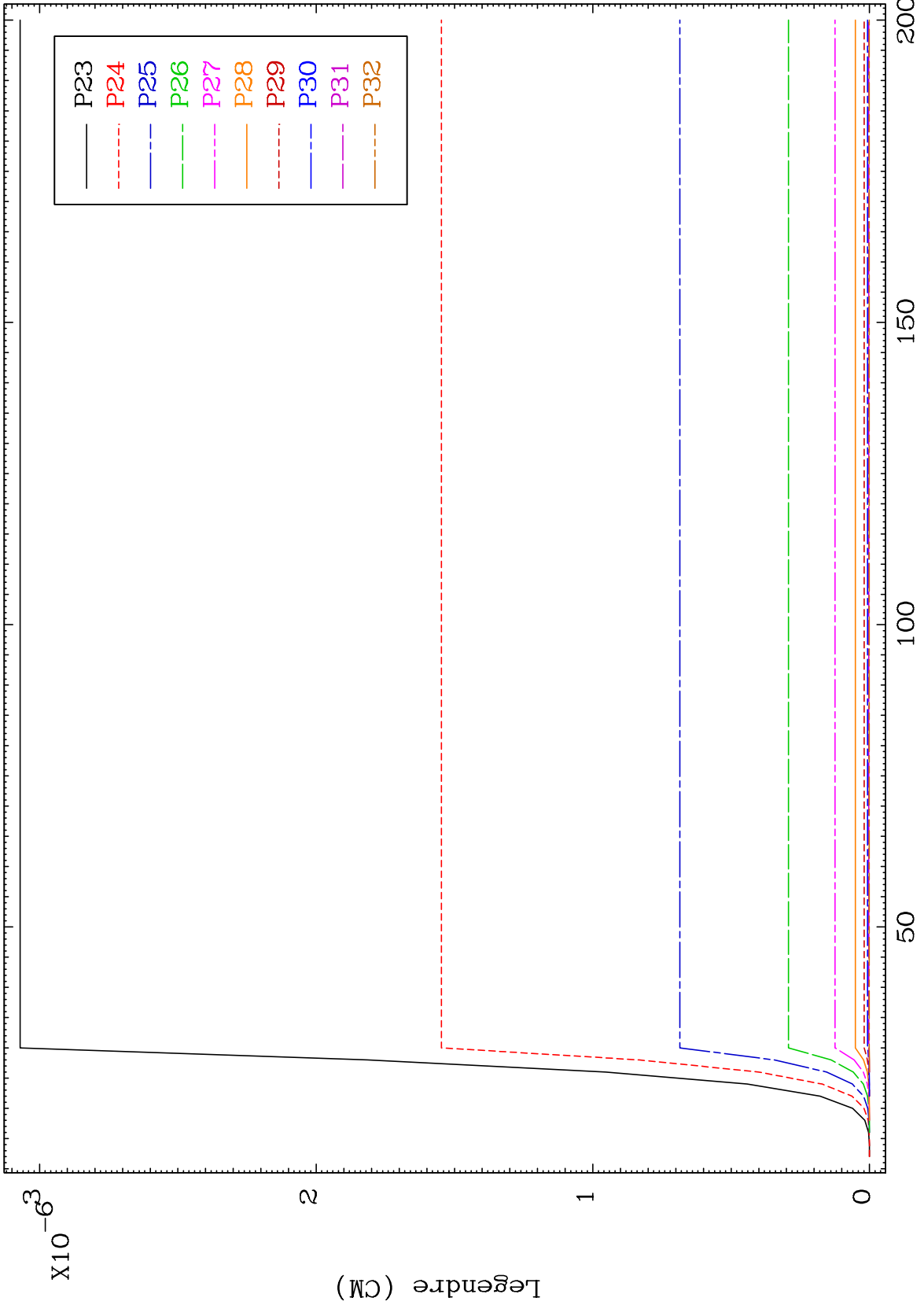
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



106

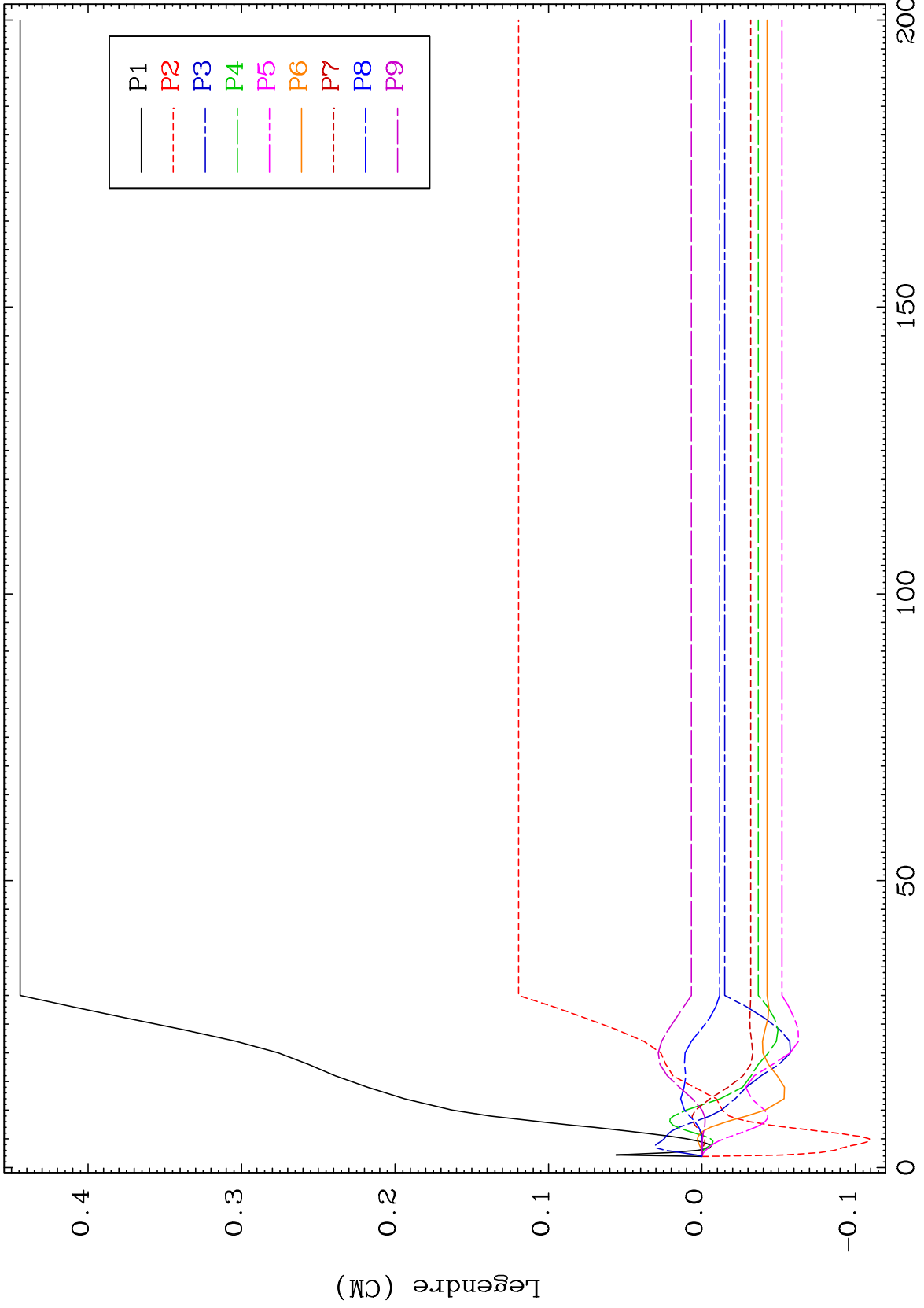
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



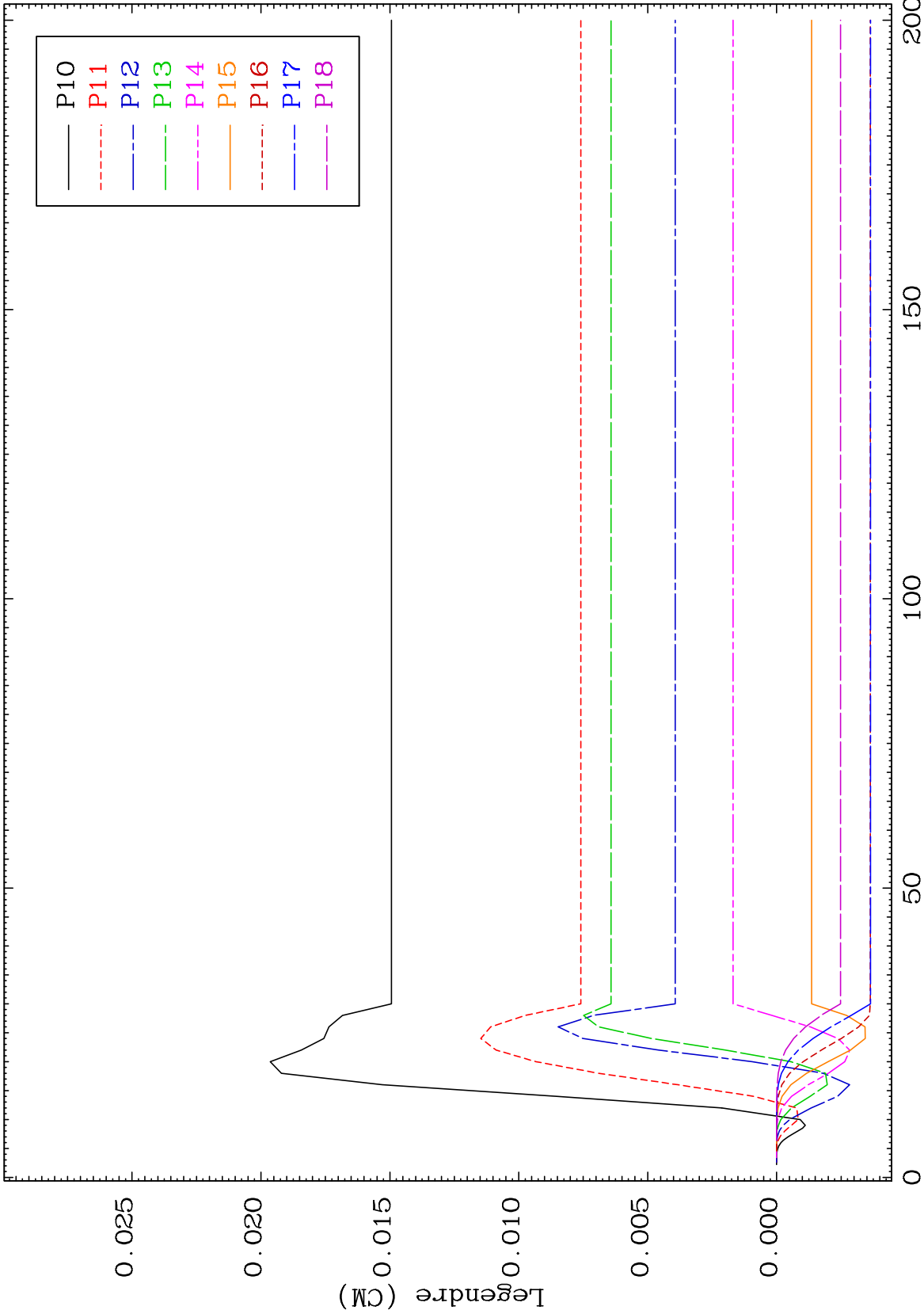
107

41-Nb-83

MAT 4095

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

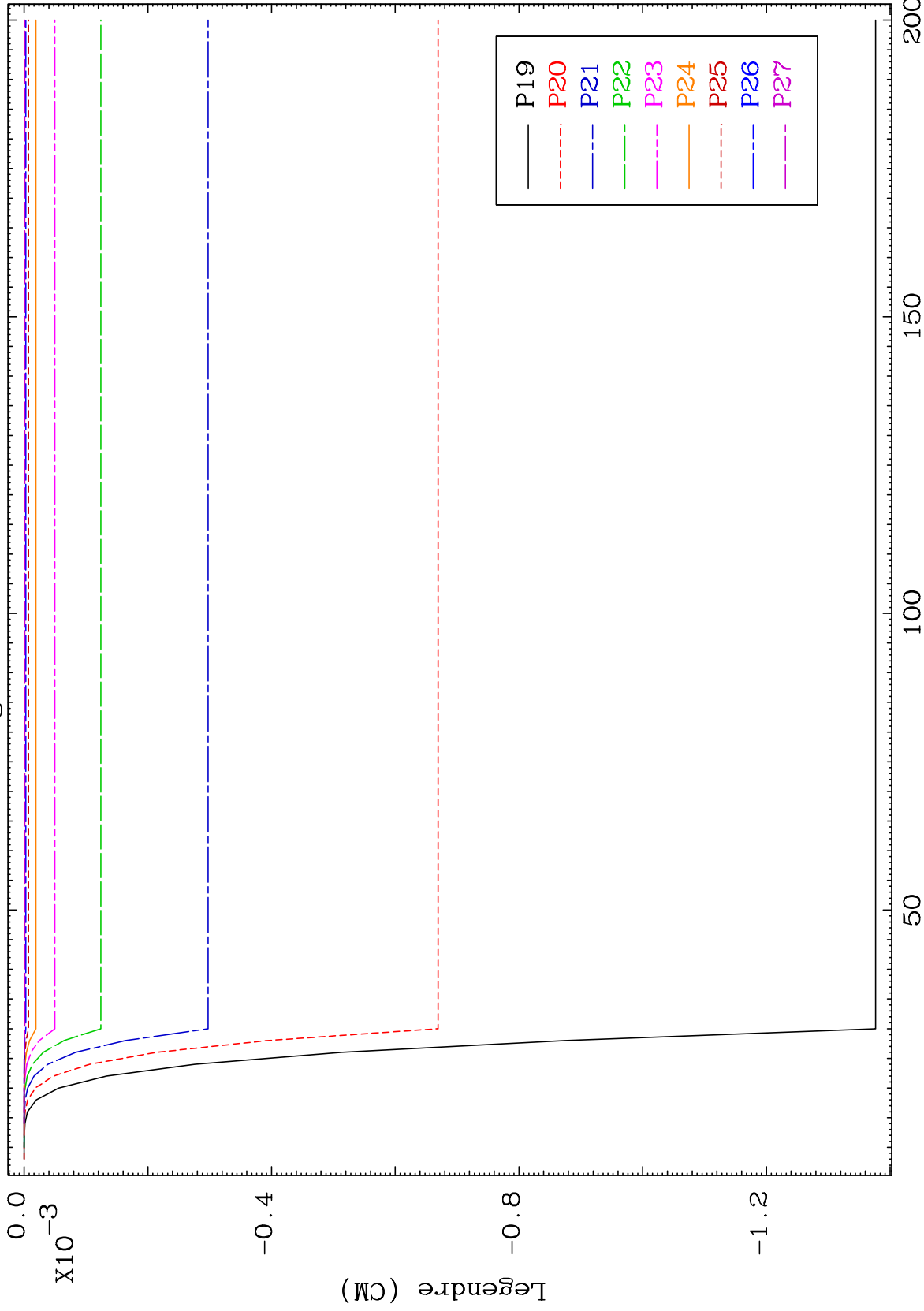
41-Nb-83



108

Incident Energy (MeV)

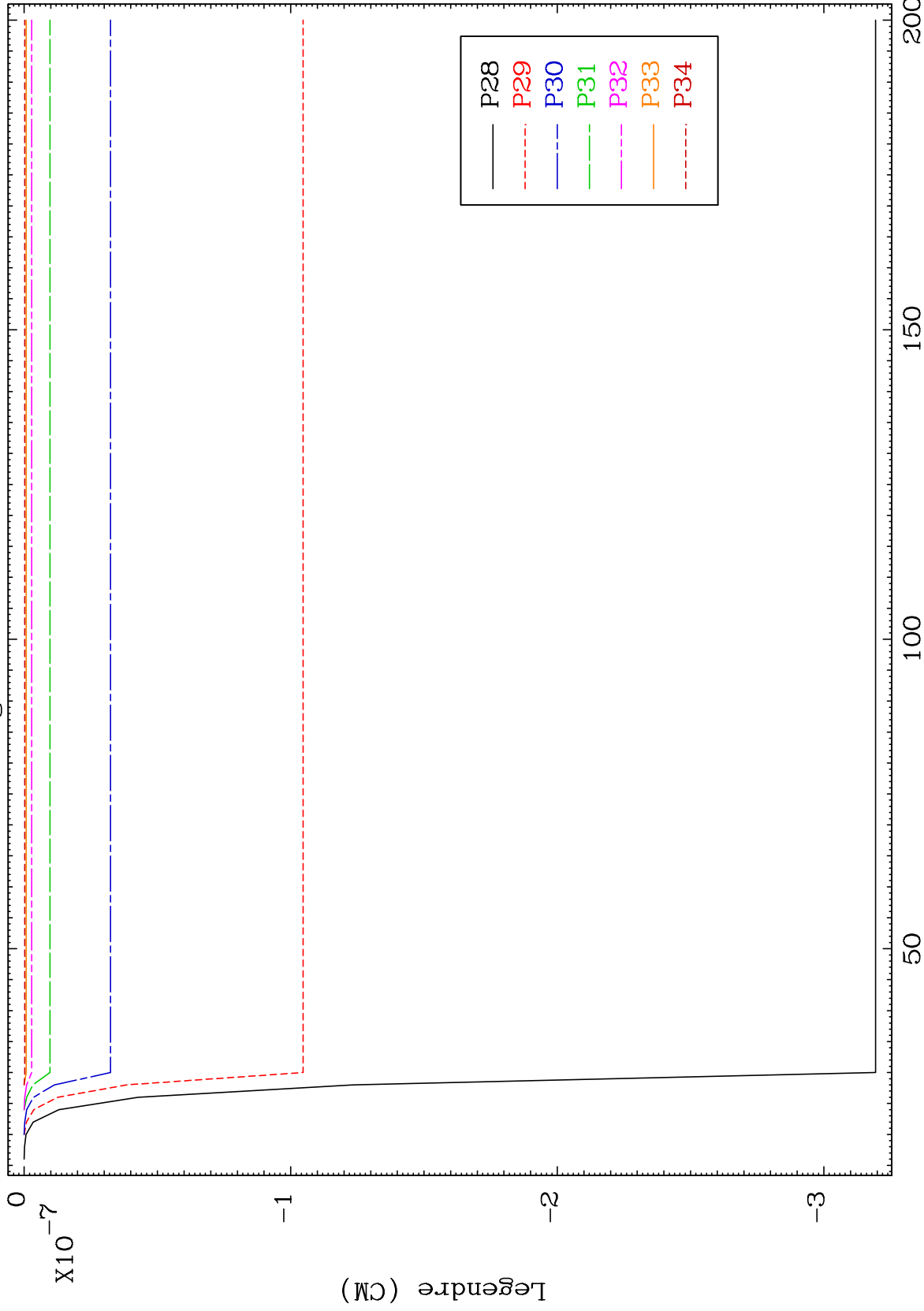
41-Nb-83



MAT 4095

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

41-Nb-83



41-Nb-83

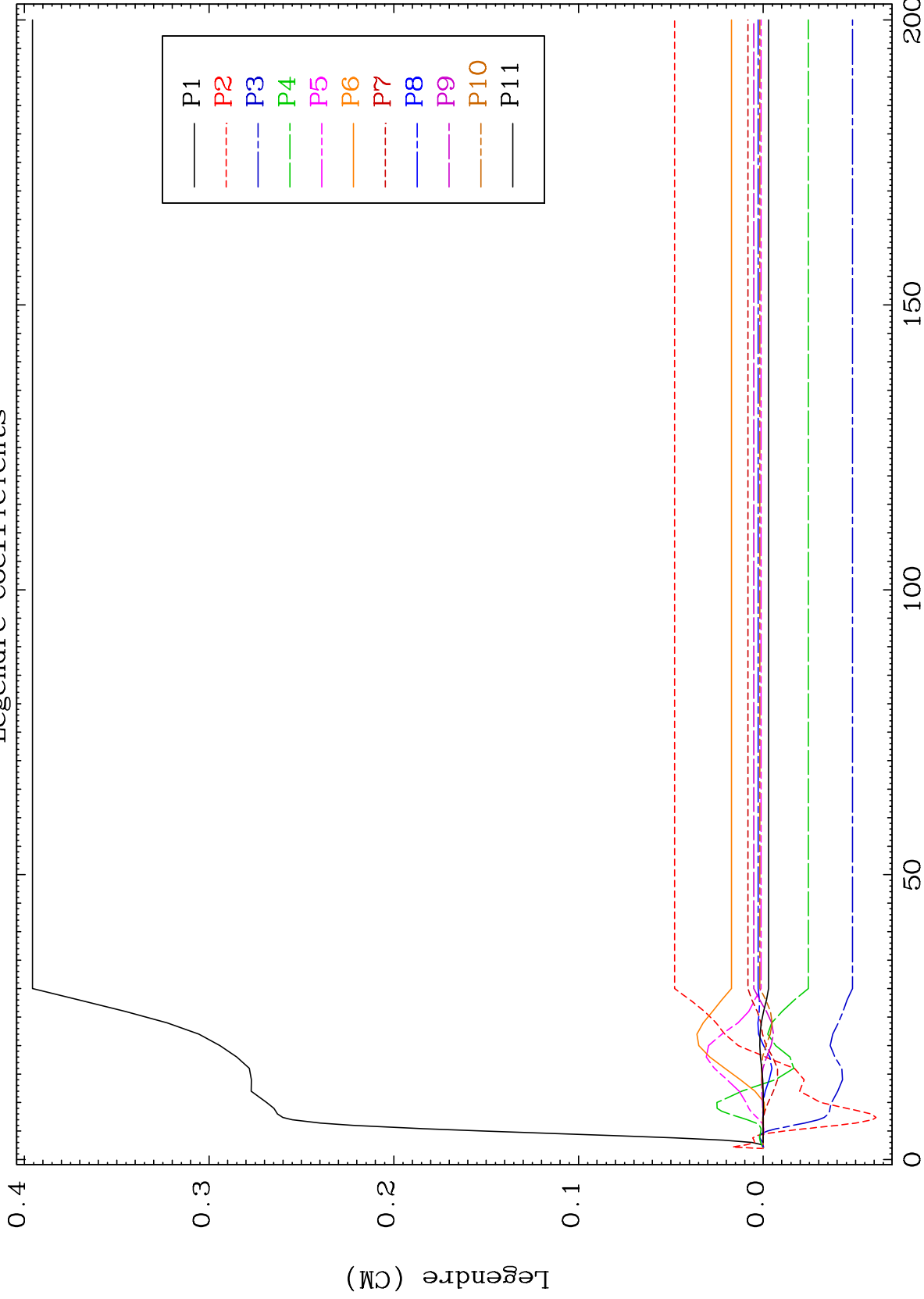
Incident Energy (MeV)

110

MAT 4095

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

41-Nb-83



111

Incident Energy (MeV)

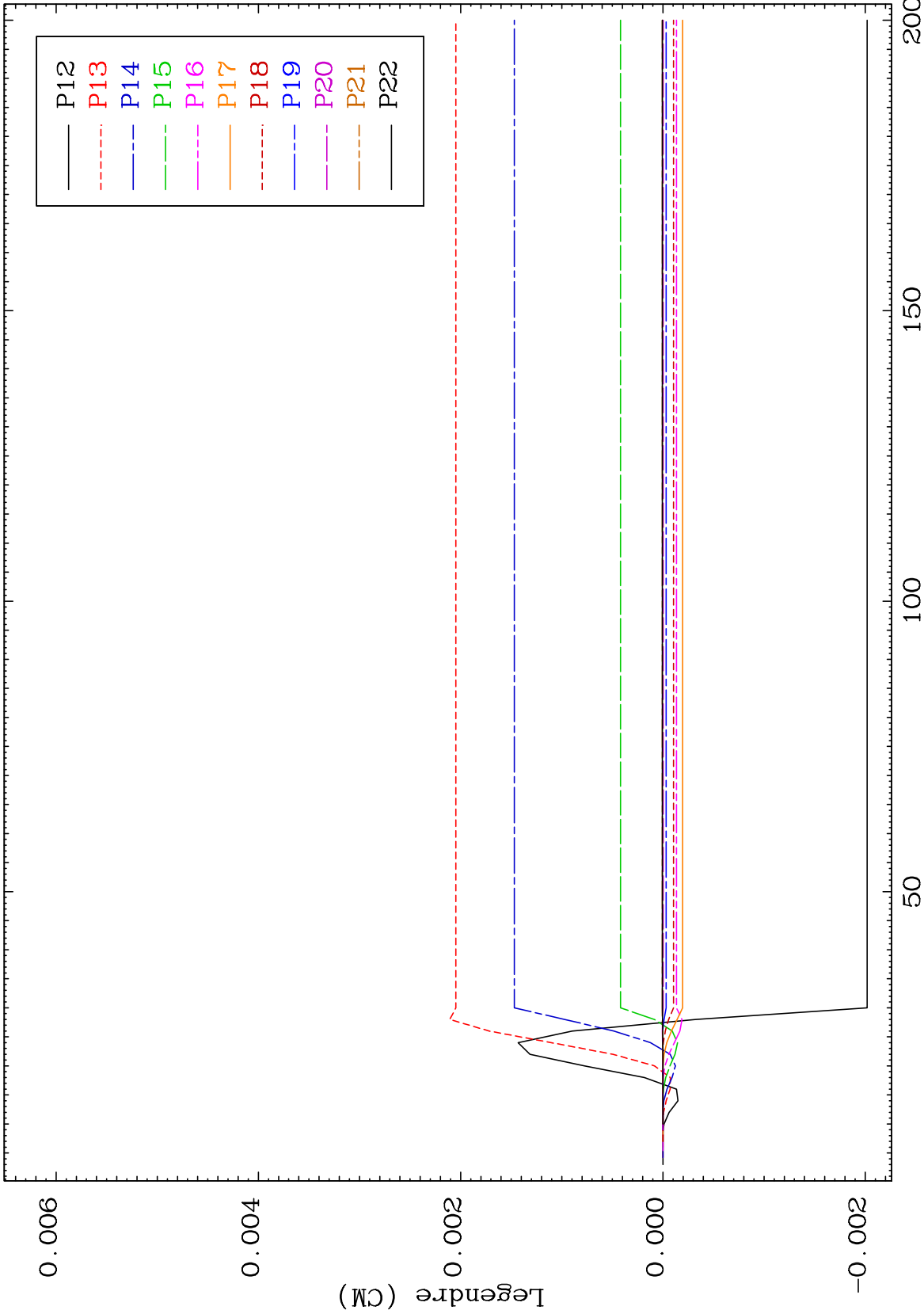
41-Nb-83



MAT 4095

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

41-Nb-83



112

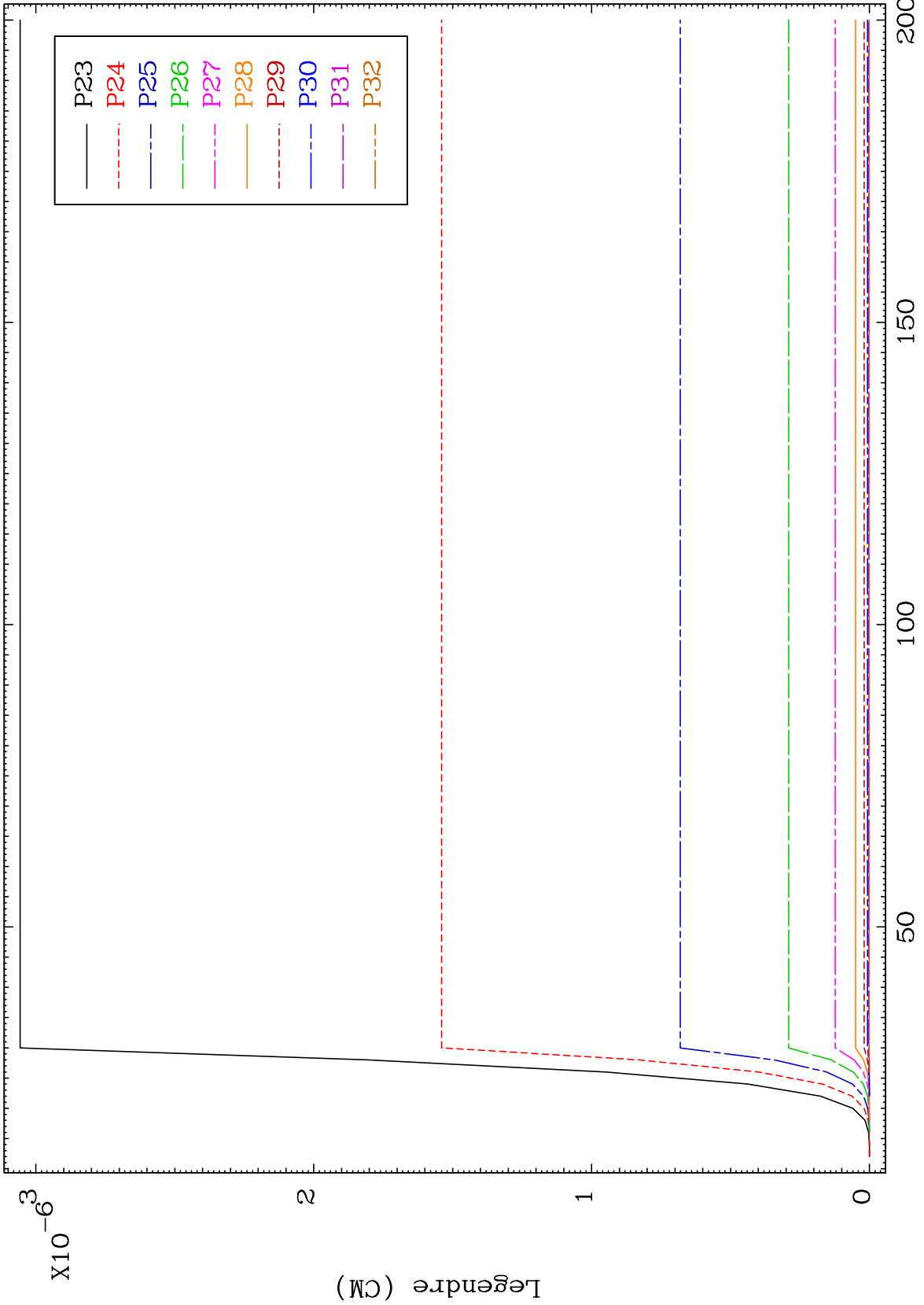
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



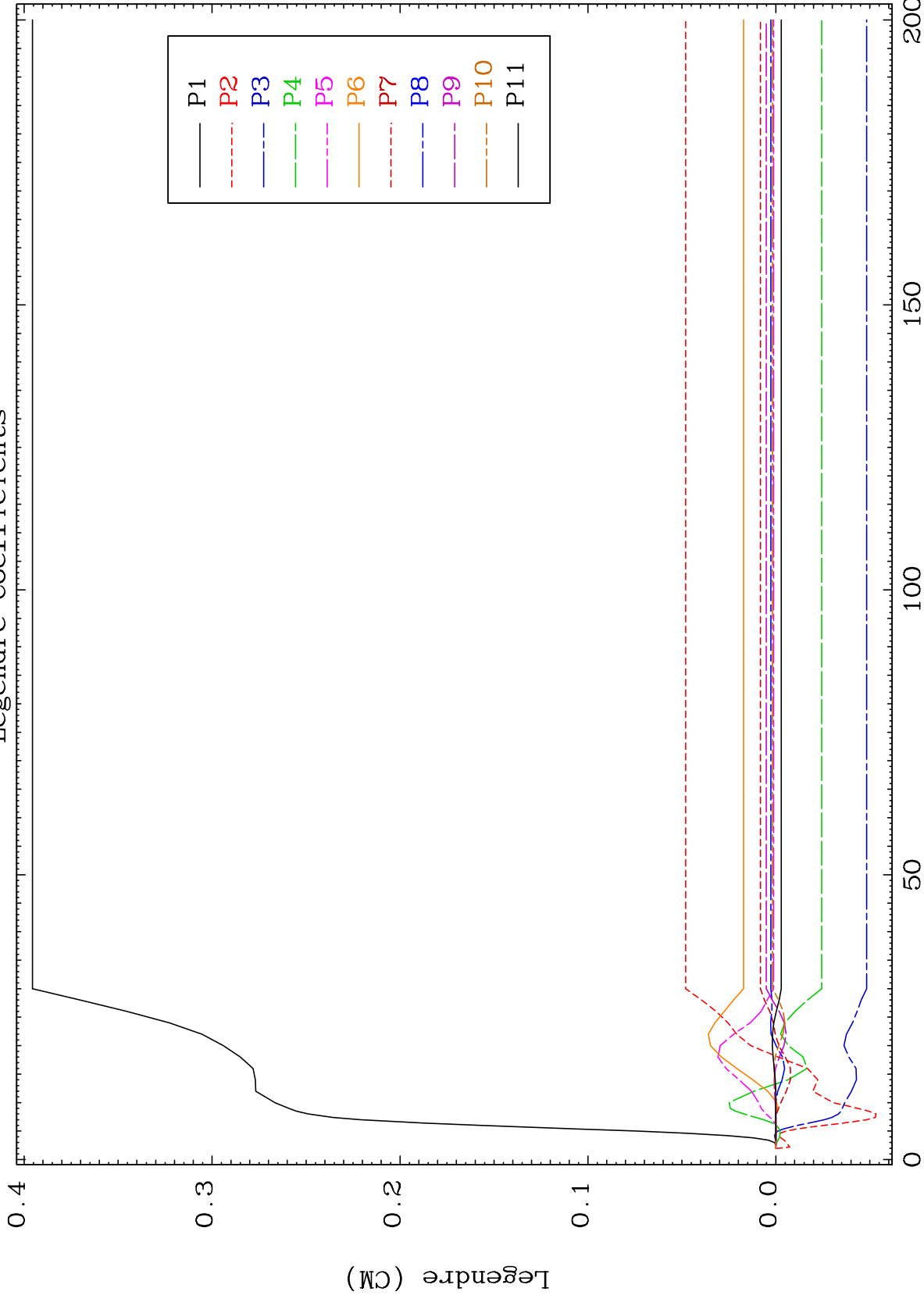
113

41-Nb-83

MAT 4095

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

41-Nb-83



114

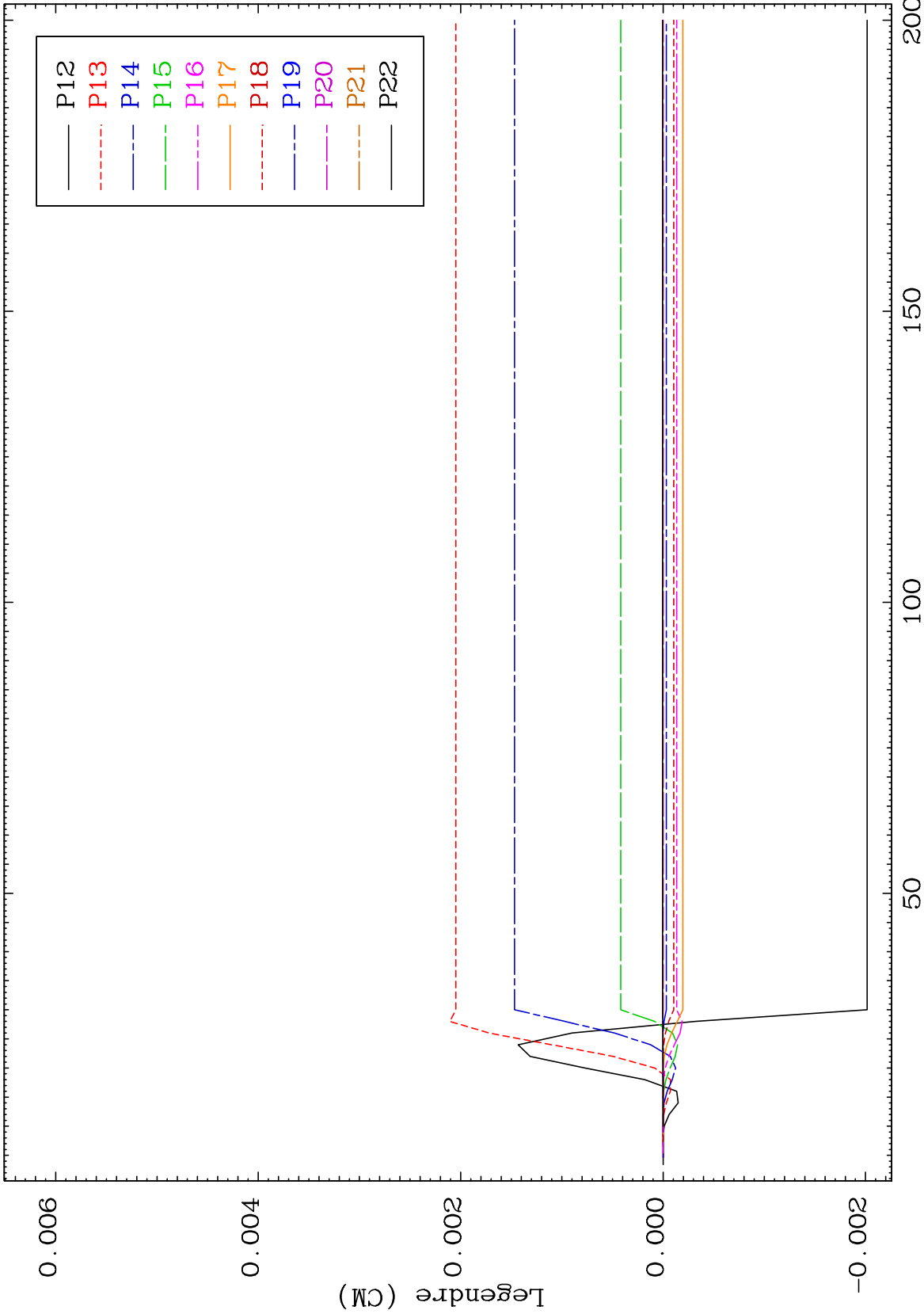
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



115

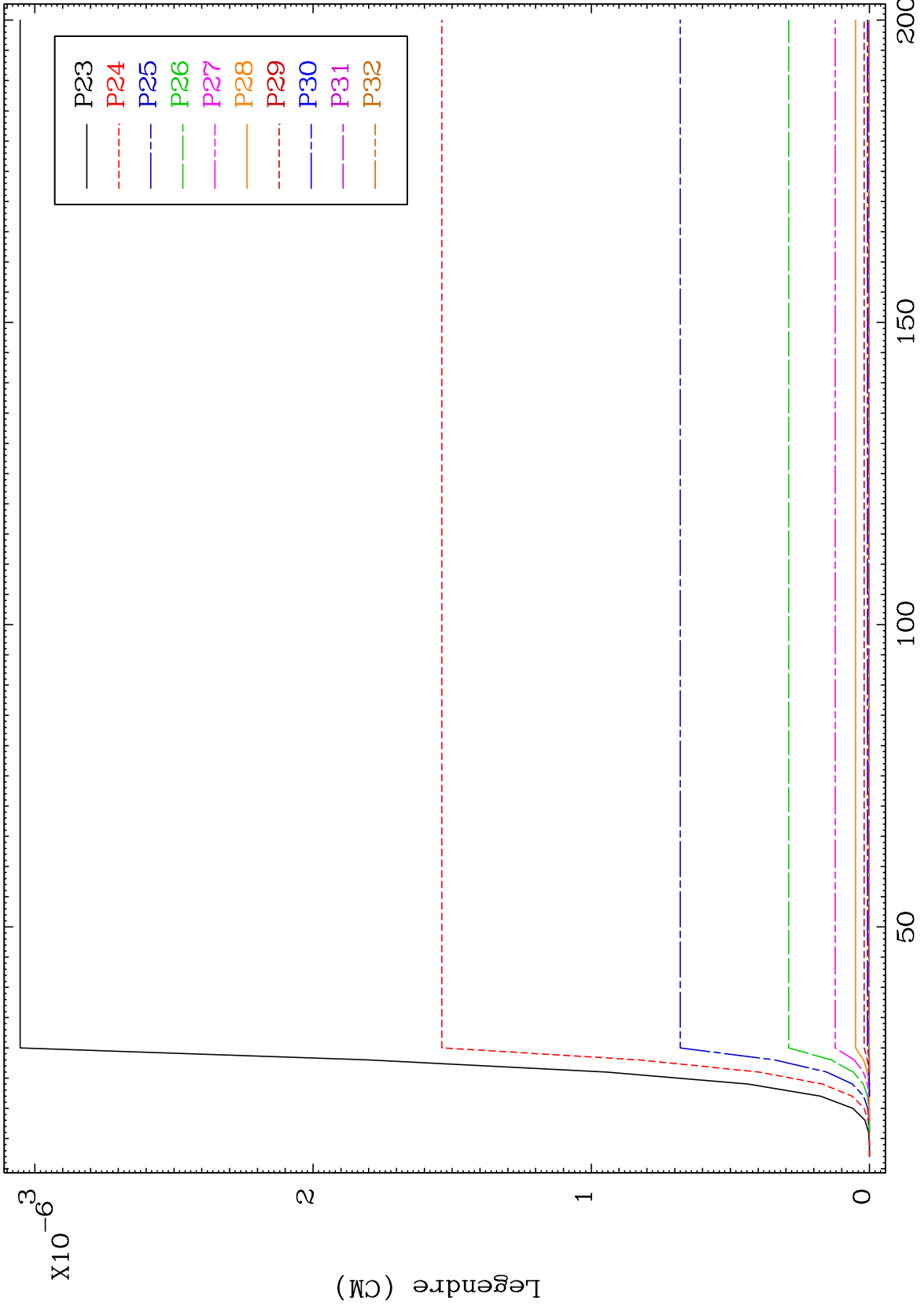
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



116

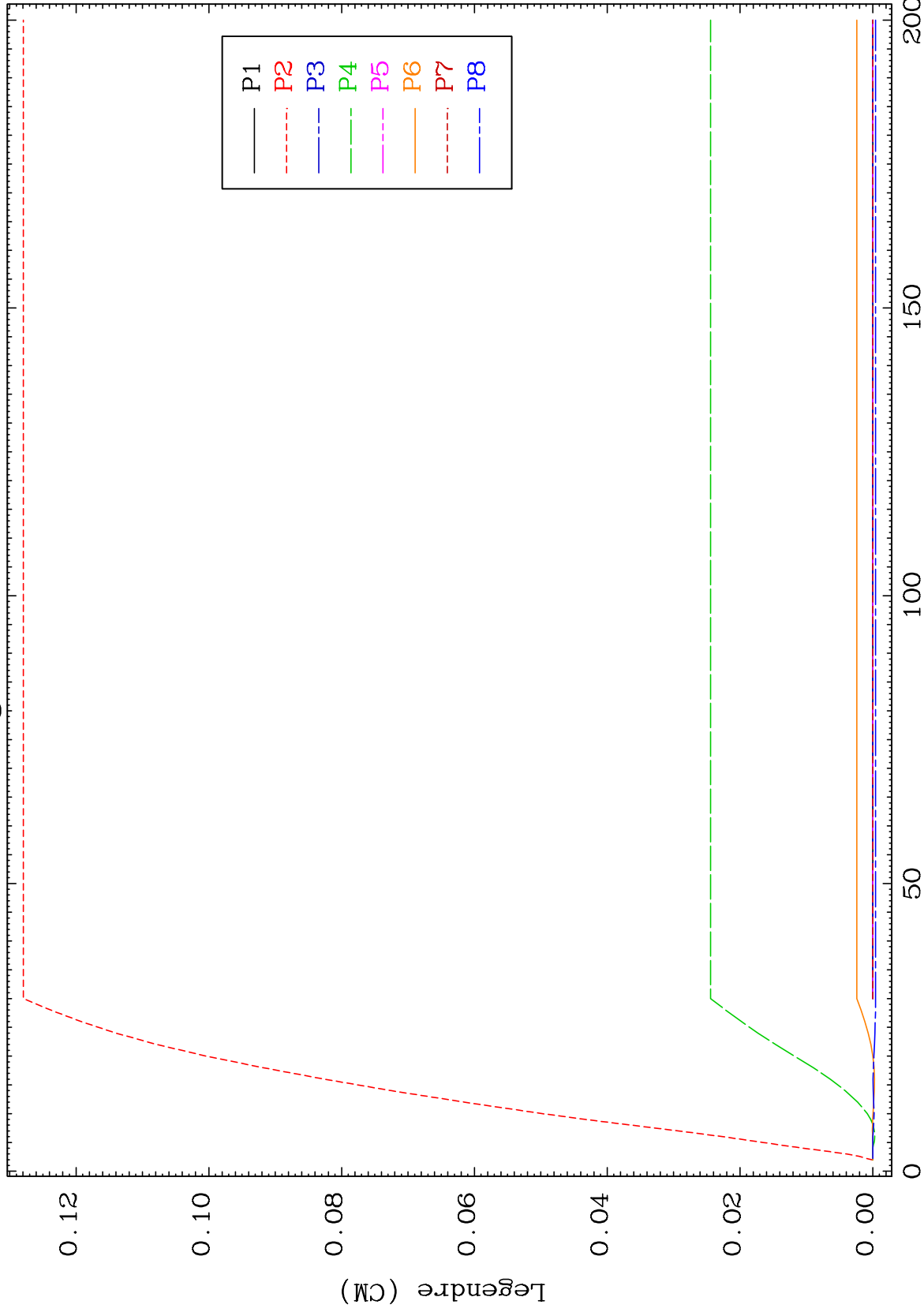
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



117

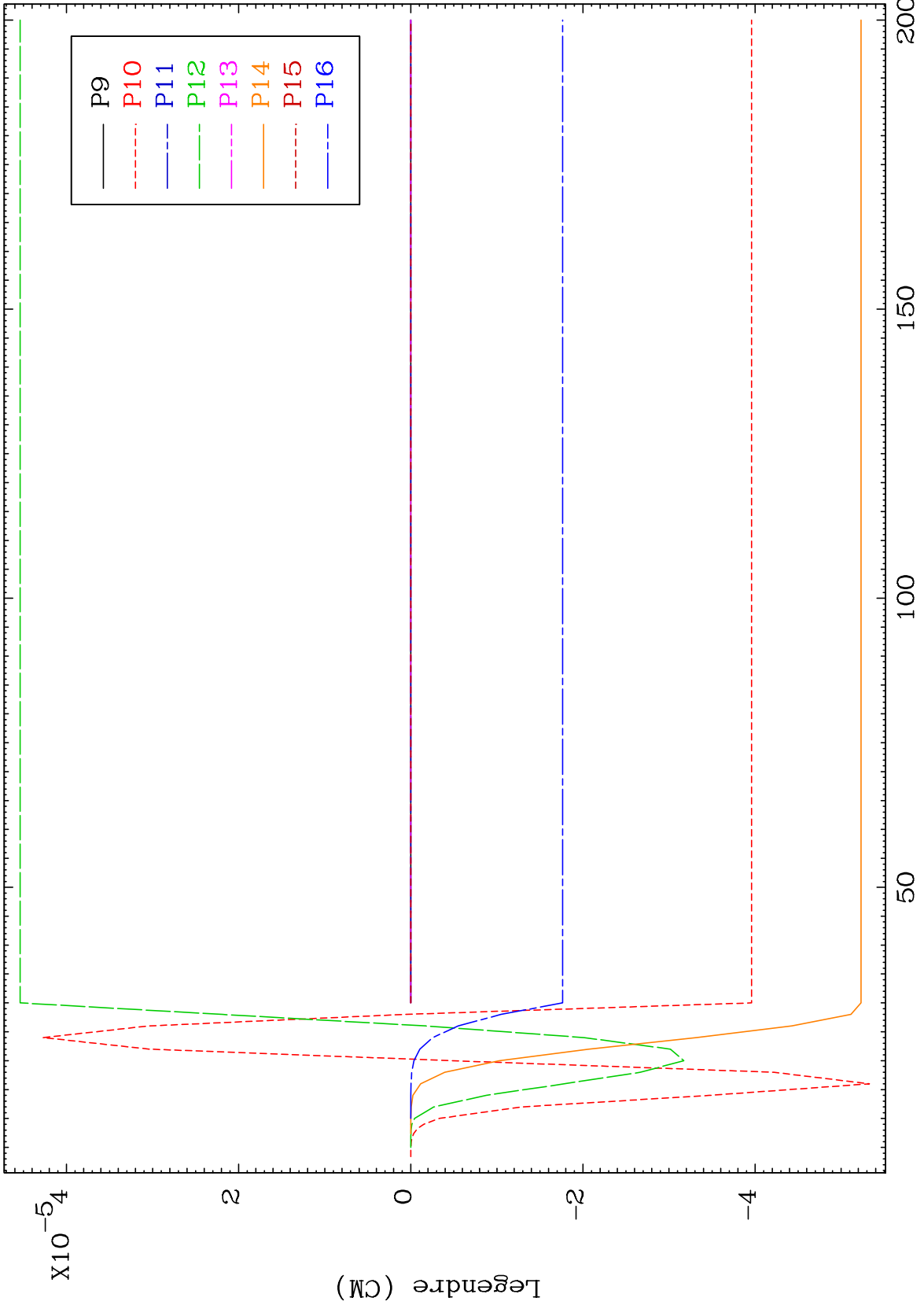
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



118

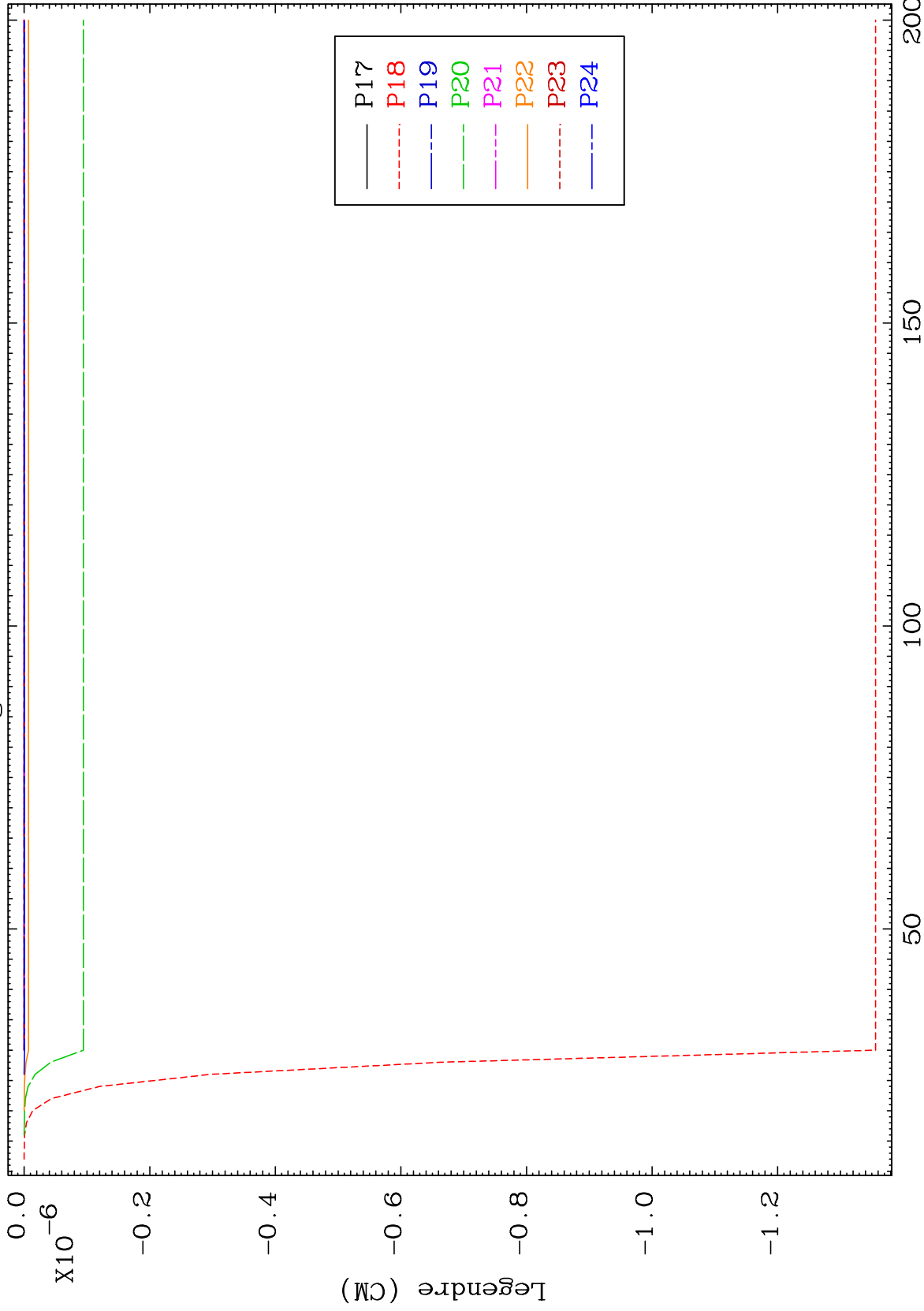
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



119

Incident Energy (MeV)

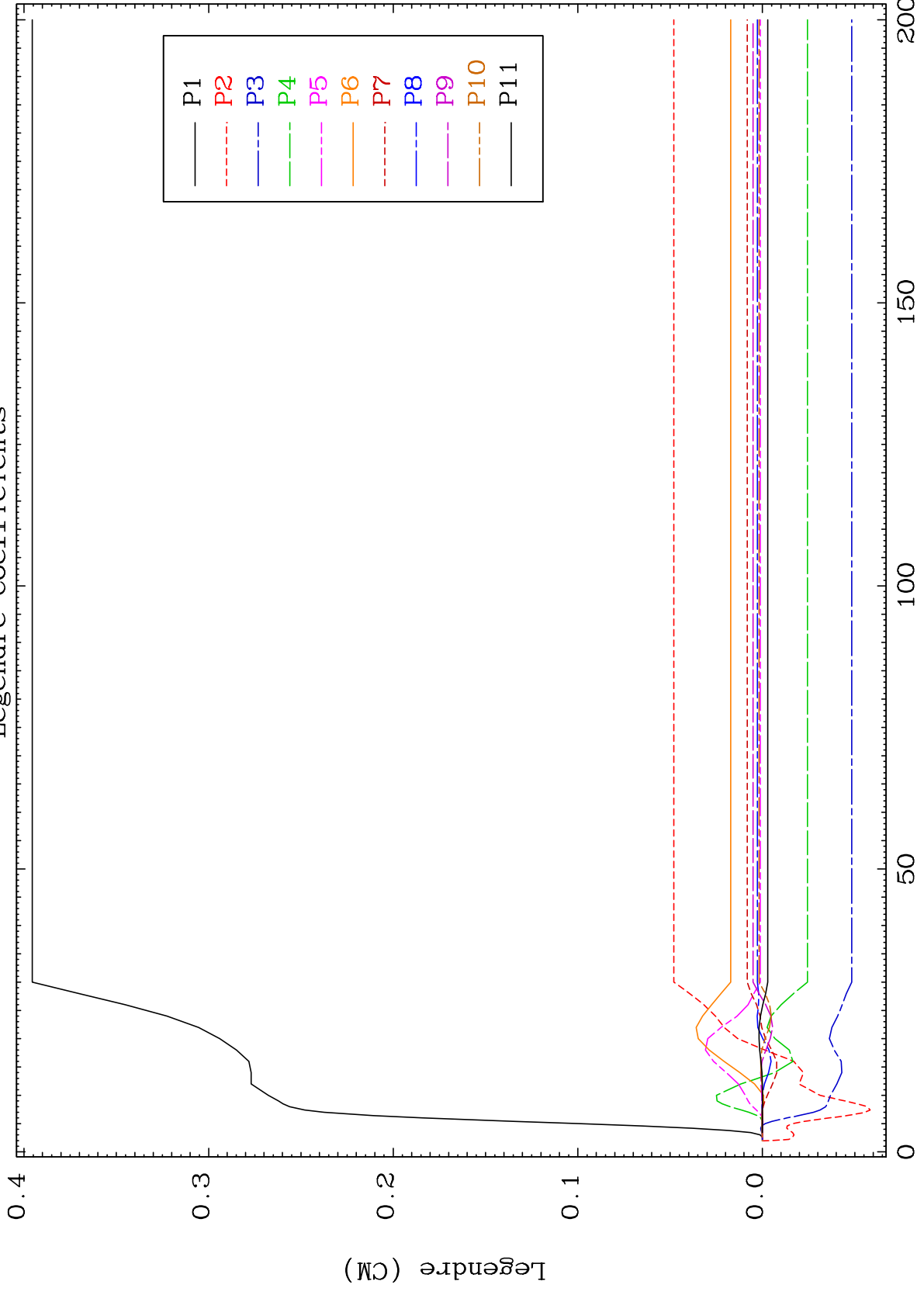
41-Nb-83



MAT 4095

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

41-Nb-83



41-Nb-83

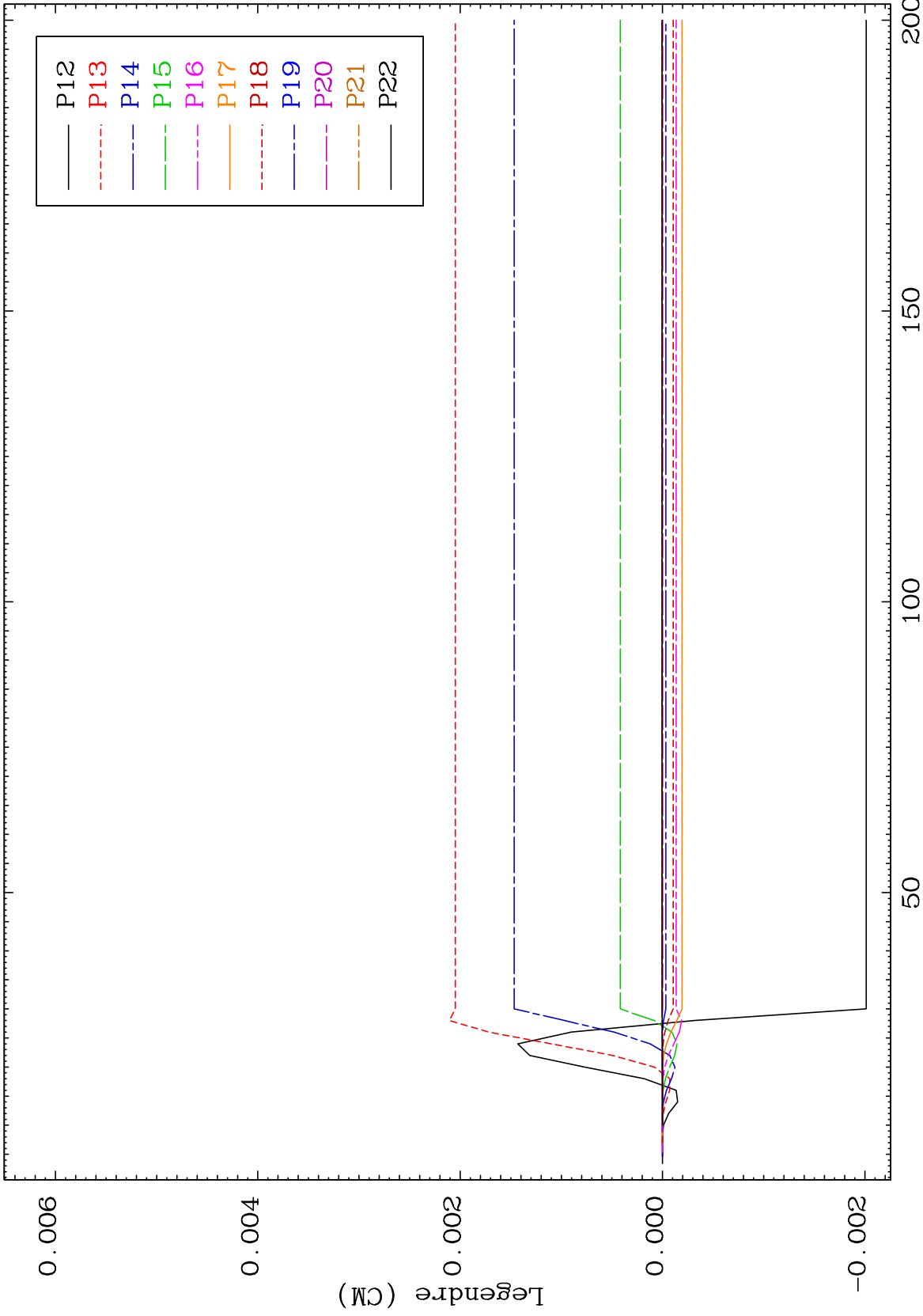
Incident Energy (MeV)

120

MAT 4095

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

41-Nb-83



121

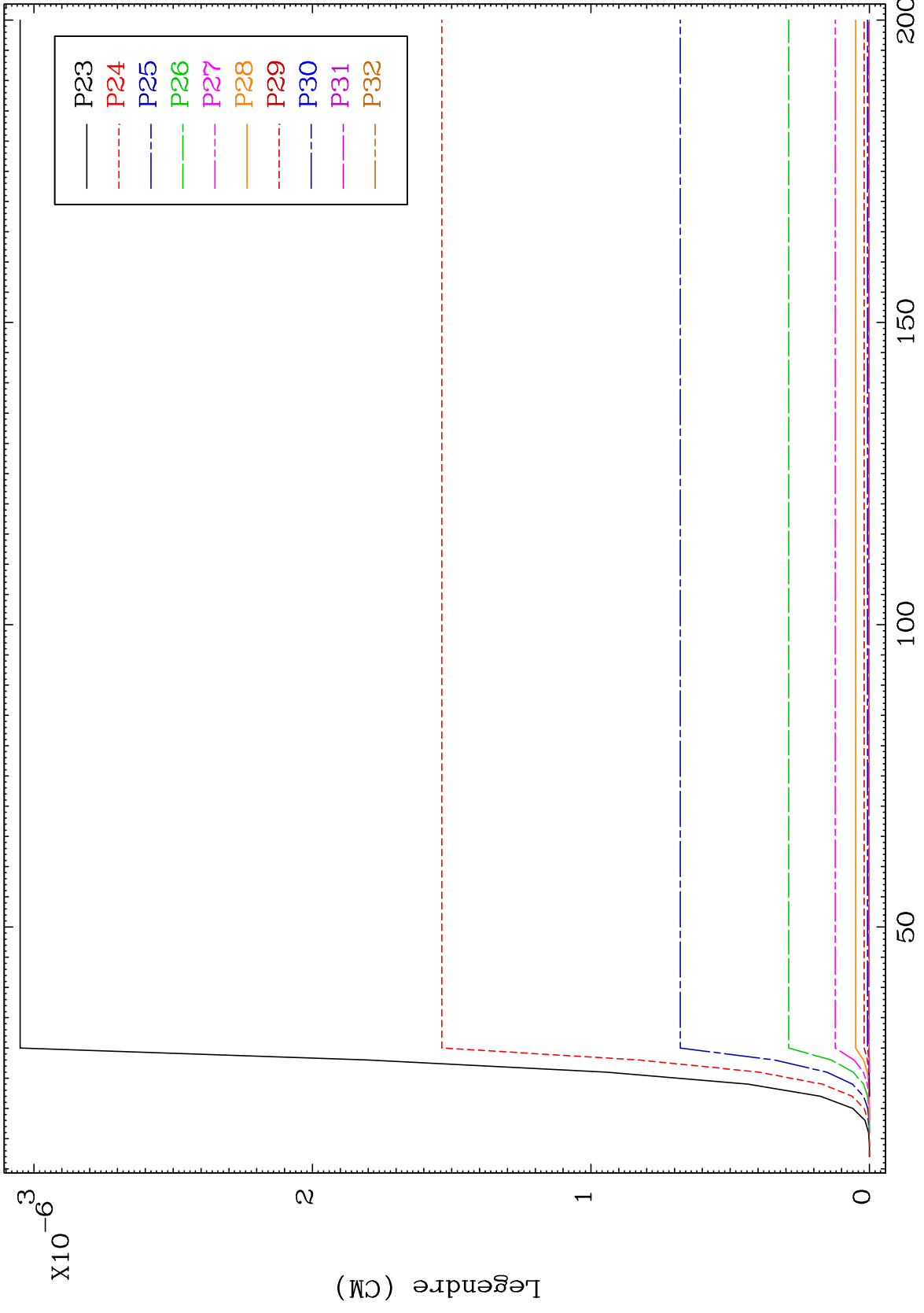
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



122

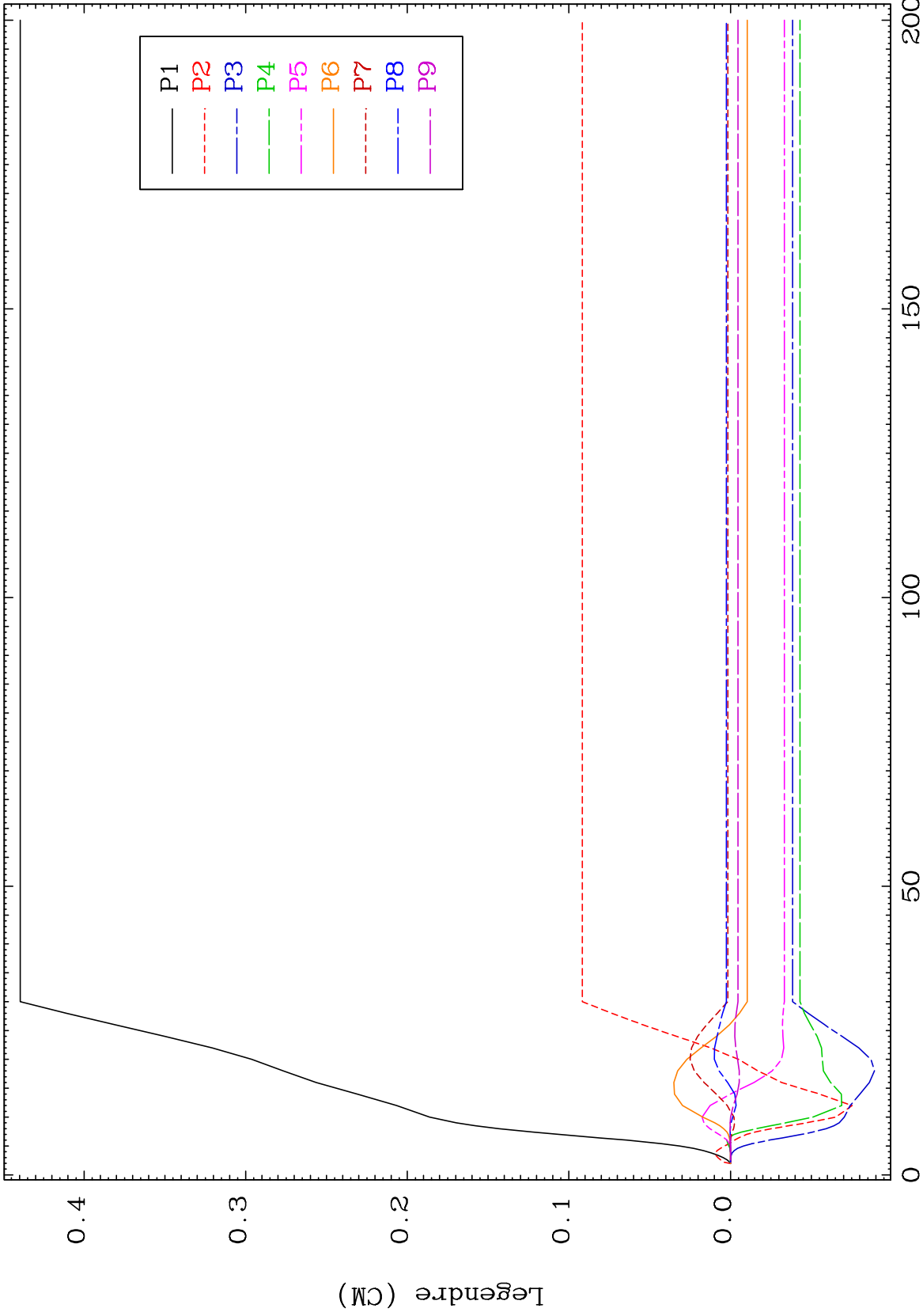
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



123

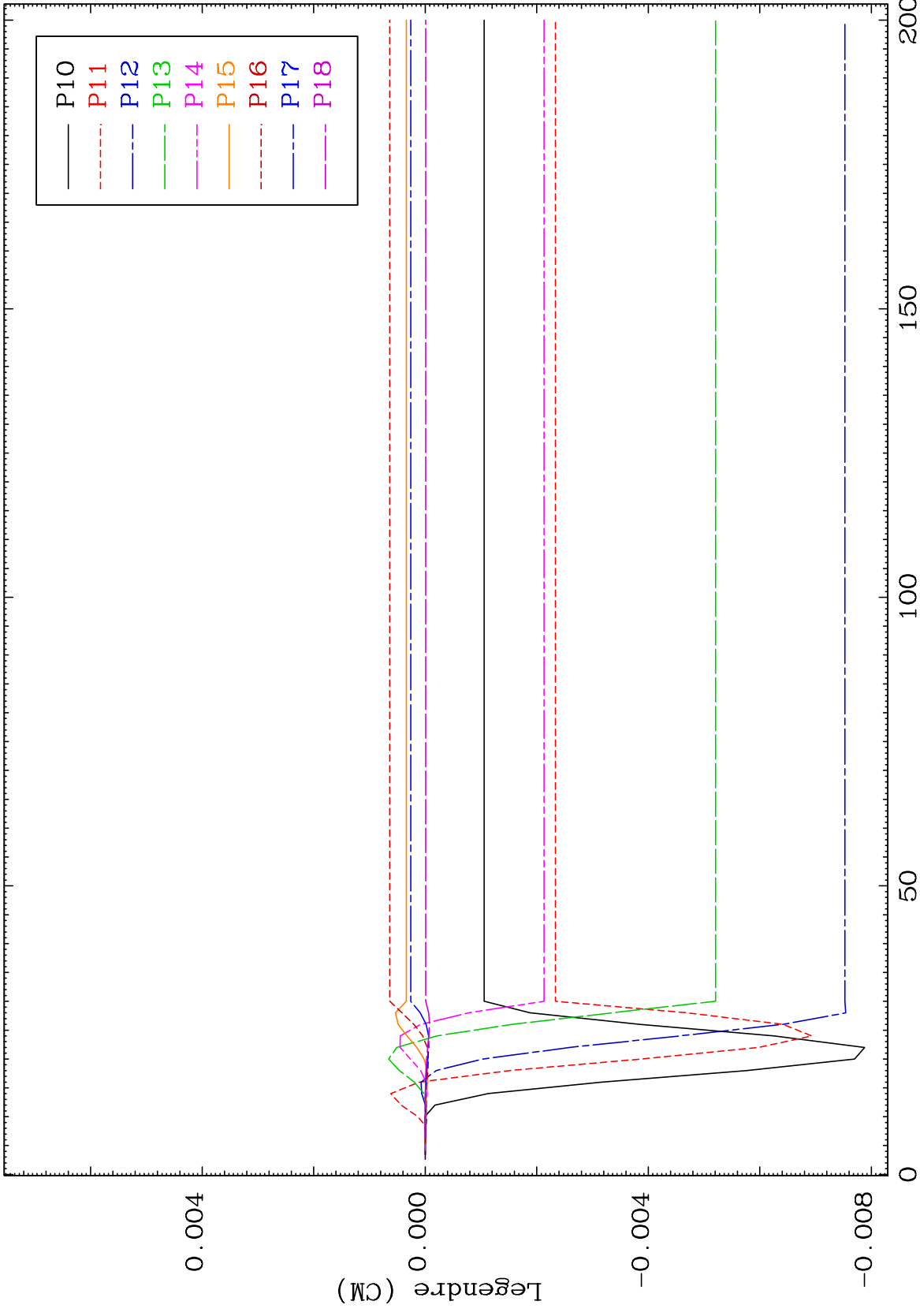
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



124

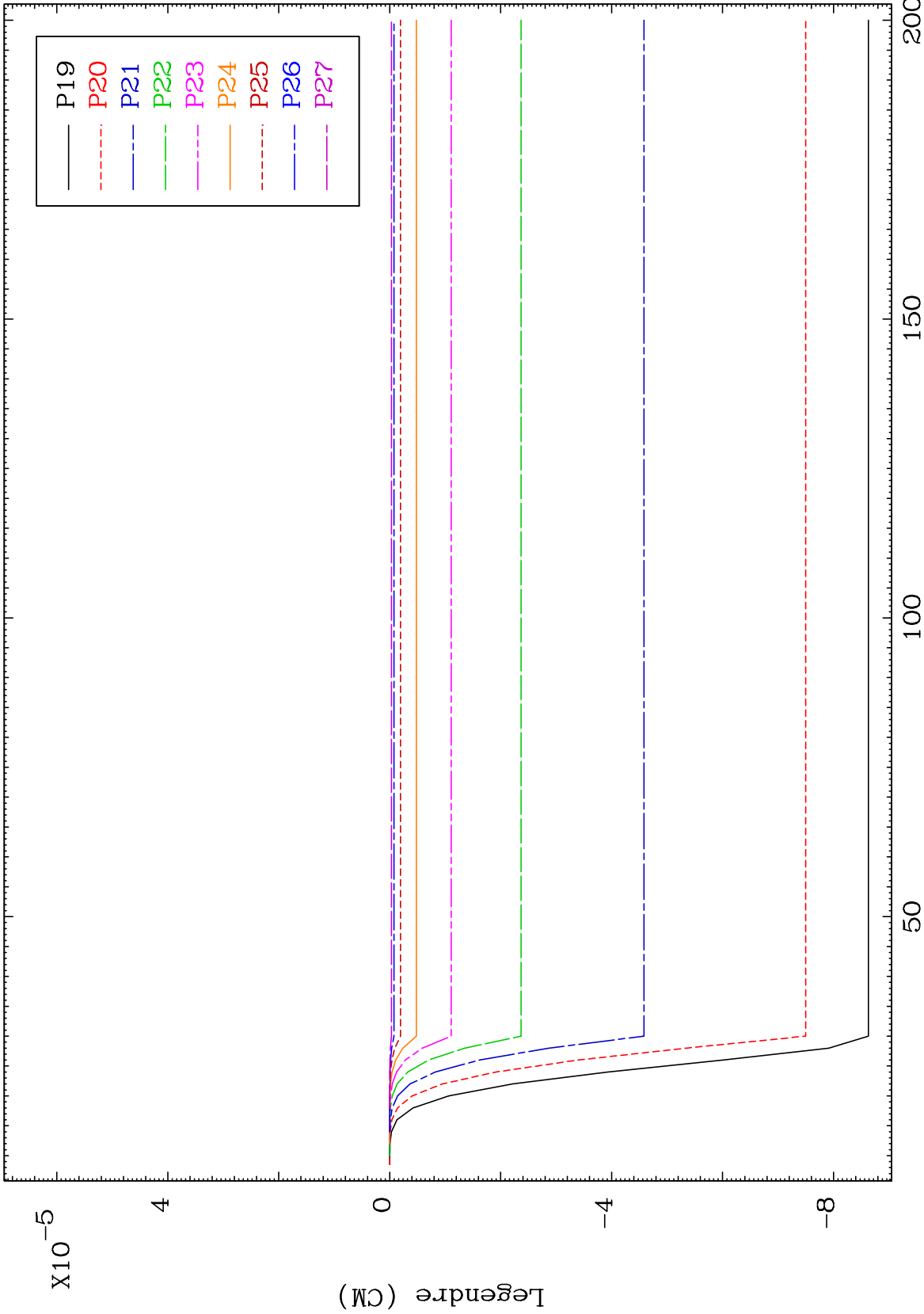
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

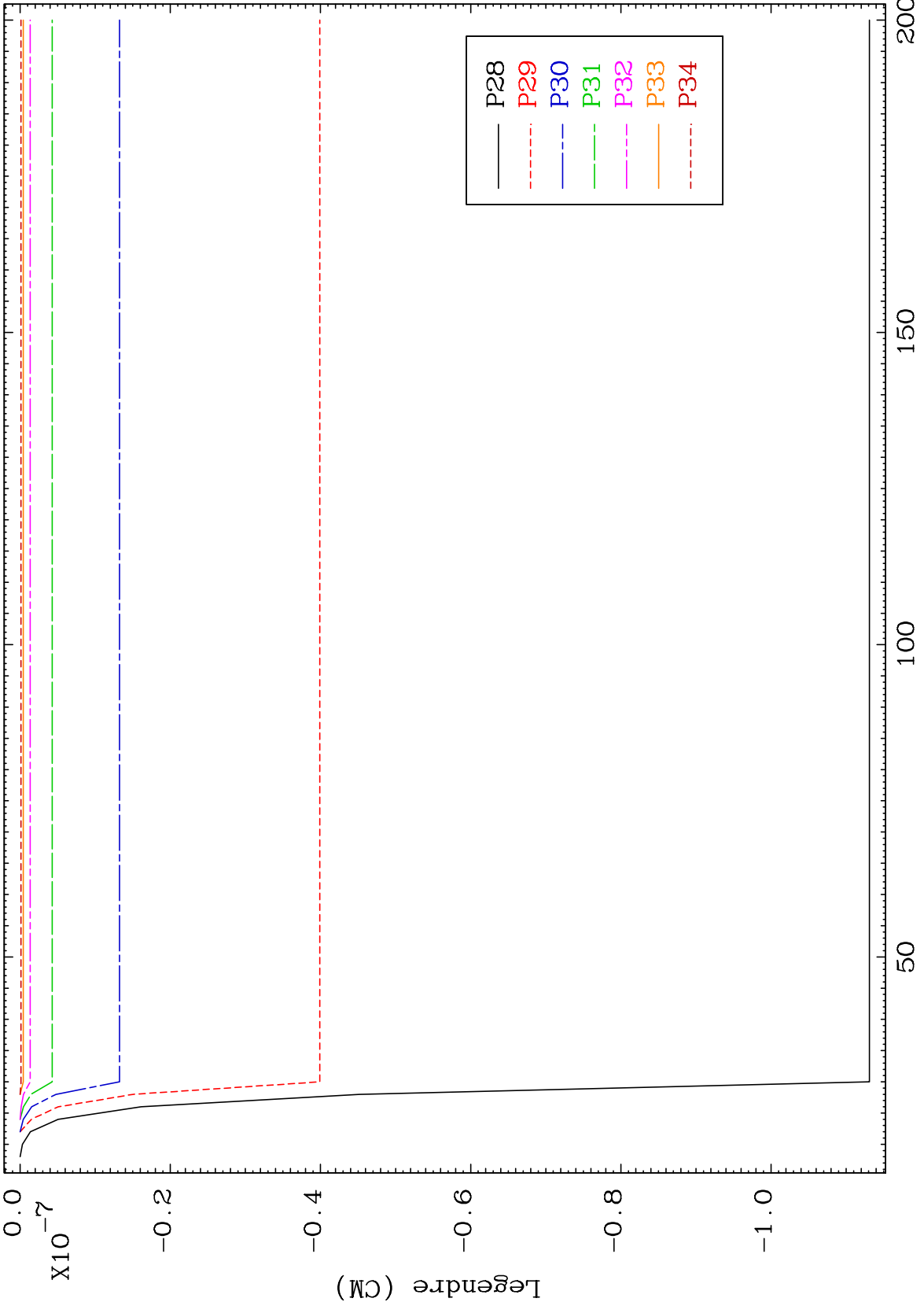
41-Nb-83



125

Incident Energy (MeV)

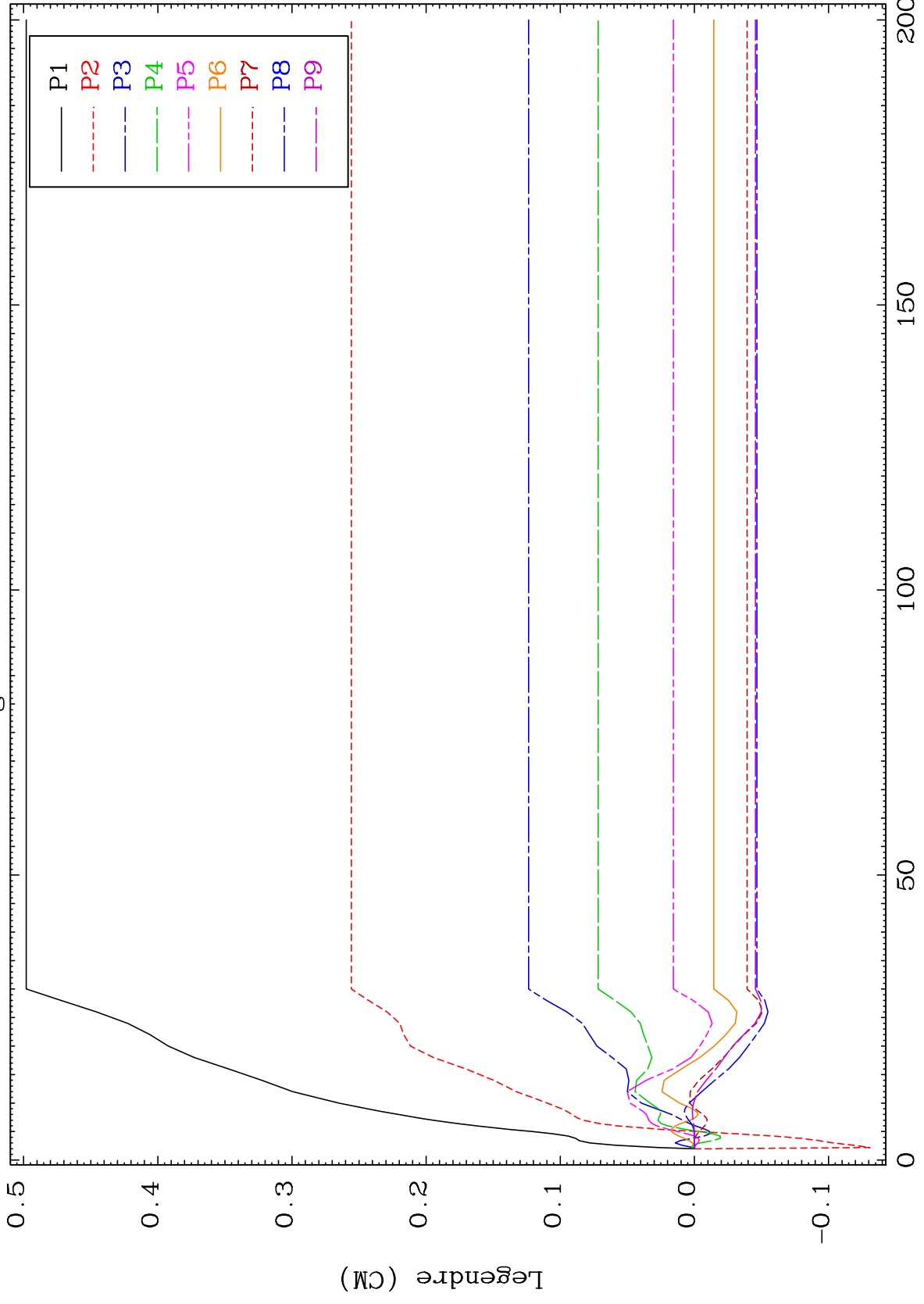
41-Nb-83



MAT 4095

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

41-Nb-83



127

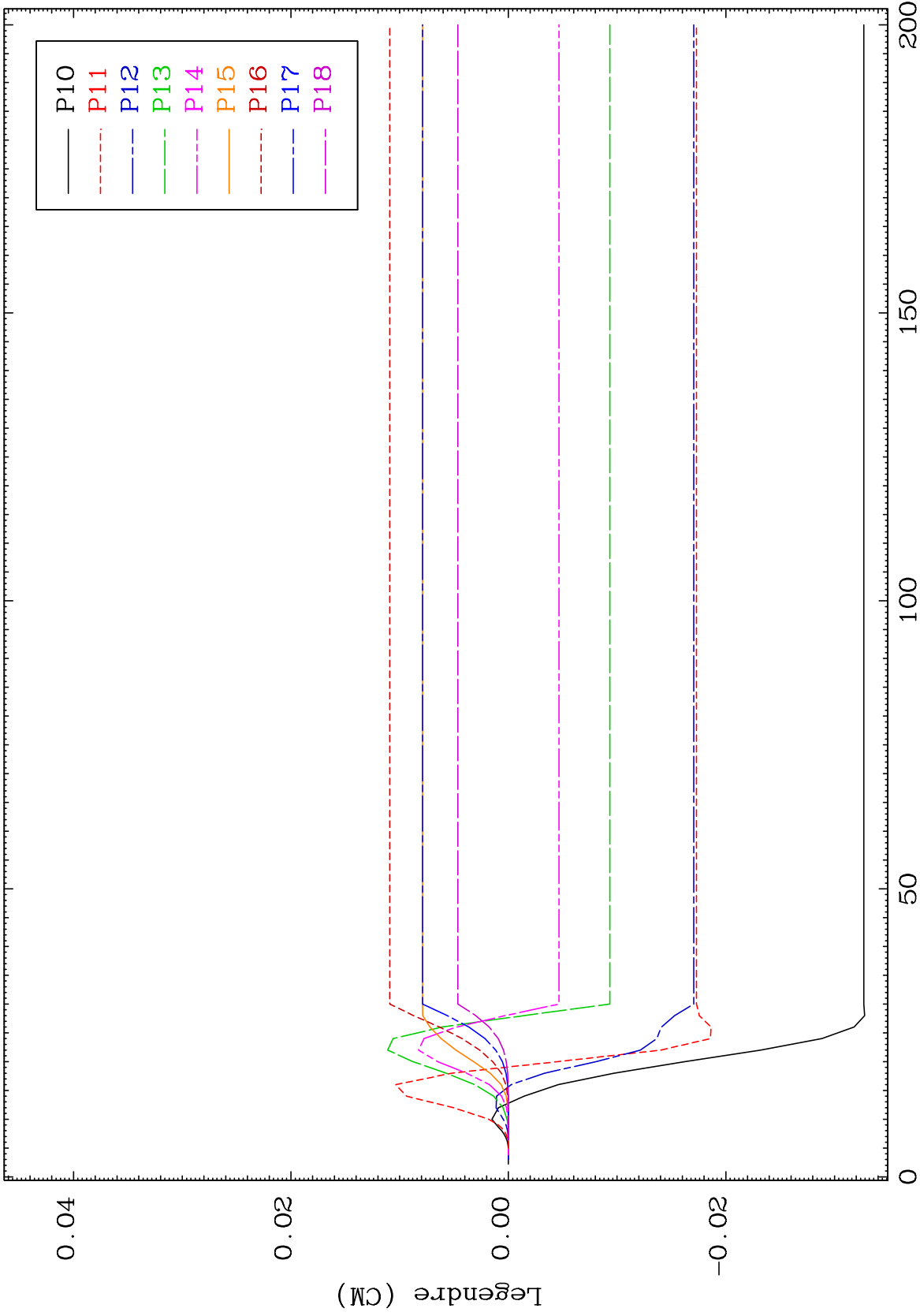
41-Nb-83



MAT 4095

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

41-Nb-83



128

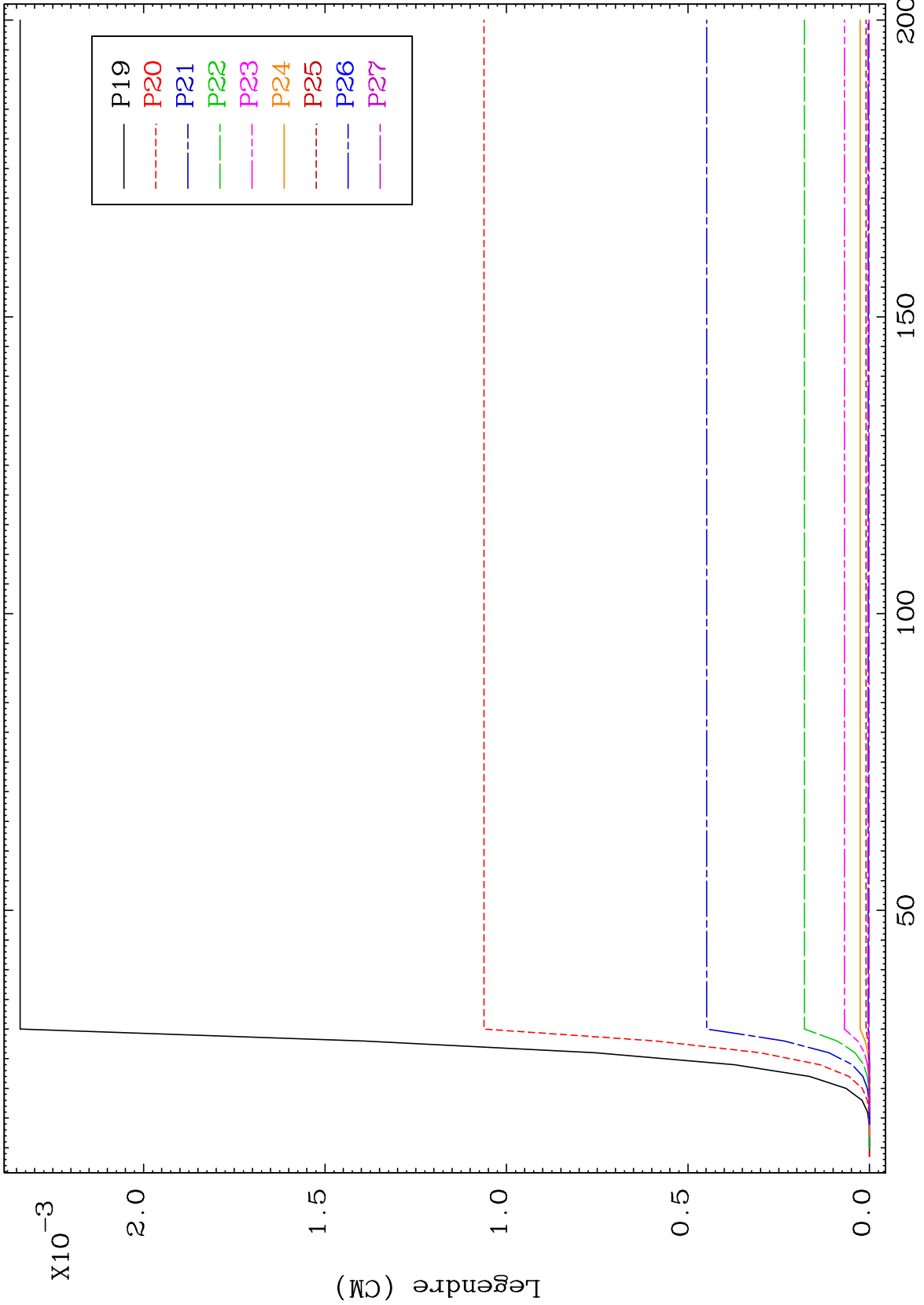
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



129

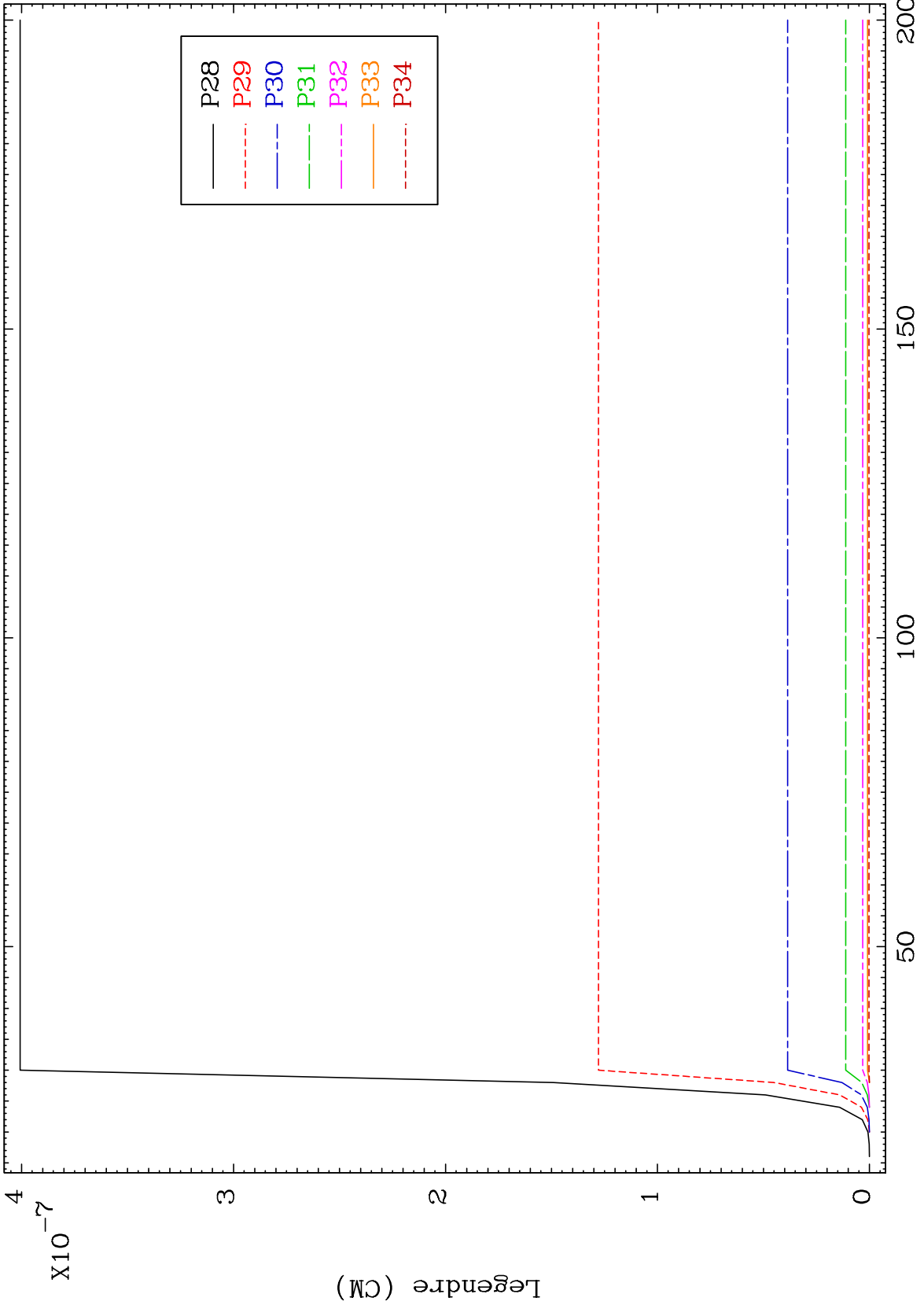
Incident Energy (MeV)

41-Nb-83

MAT 4095

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

41-Nb-83



130

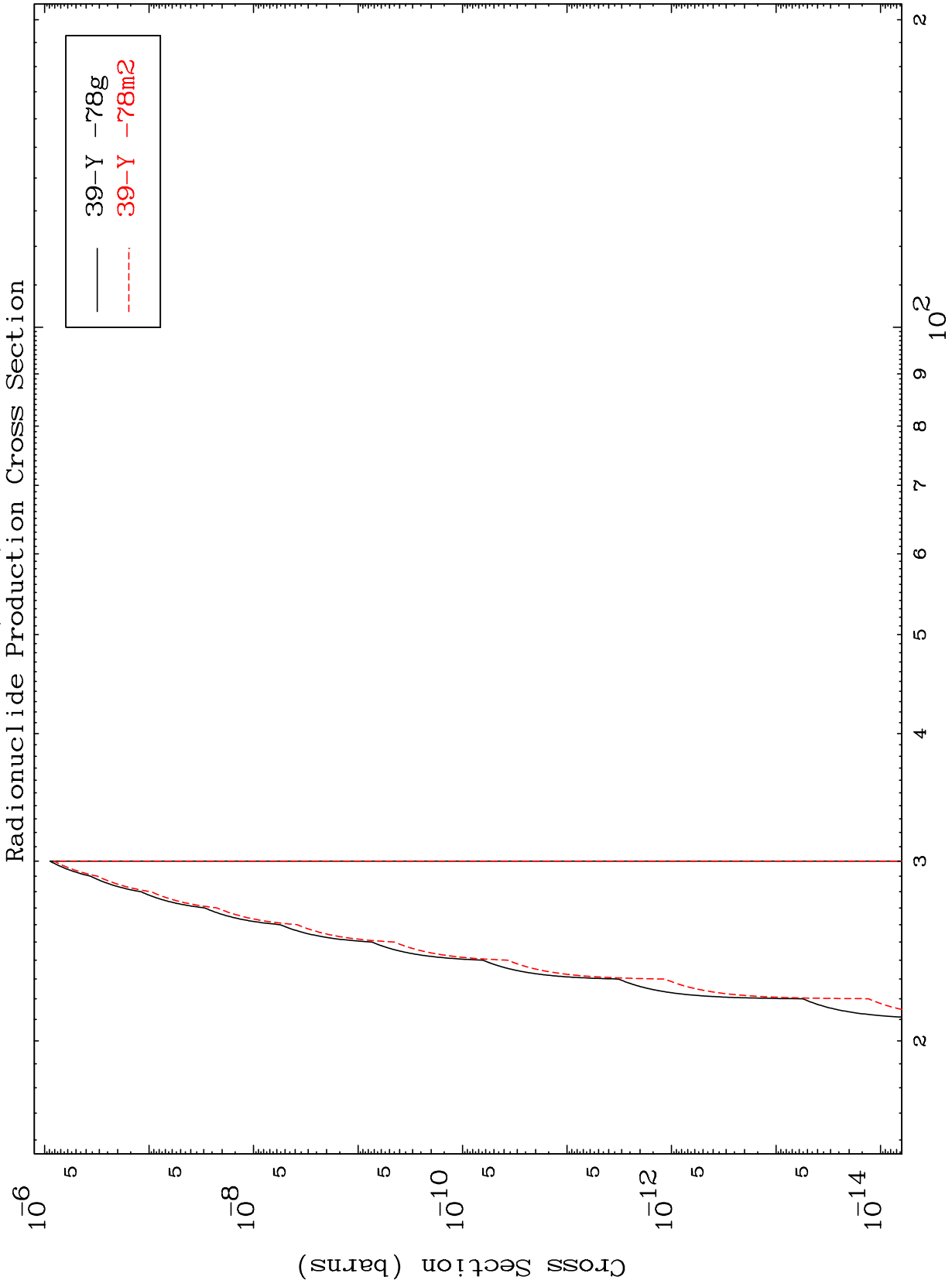
Incident Energy (MeV)

41-Nb-83

MAT 4095

(n,2n)  $\alpha$

41-Nb-83



131

Incident Energy (MeV)

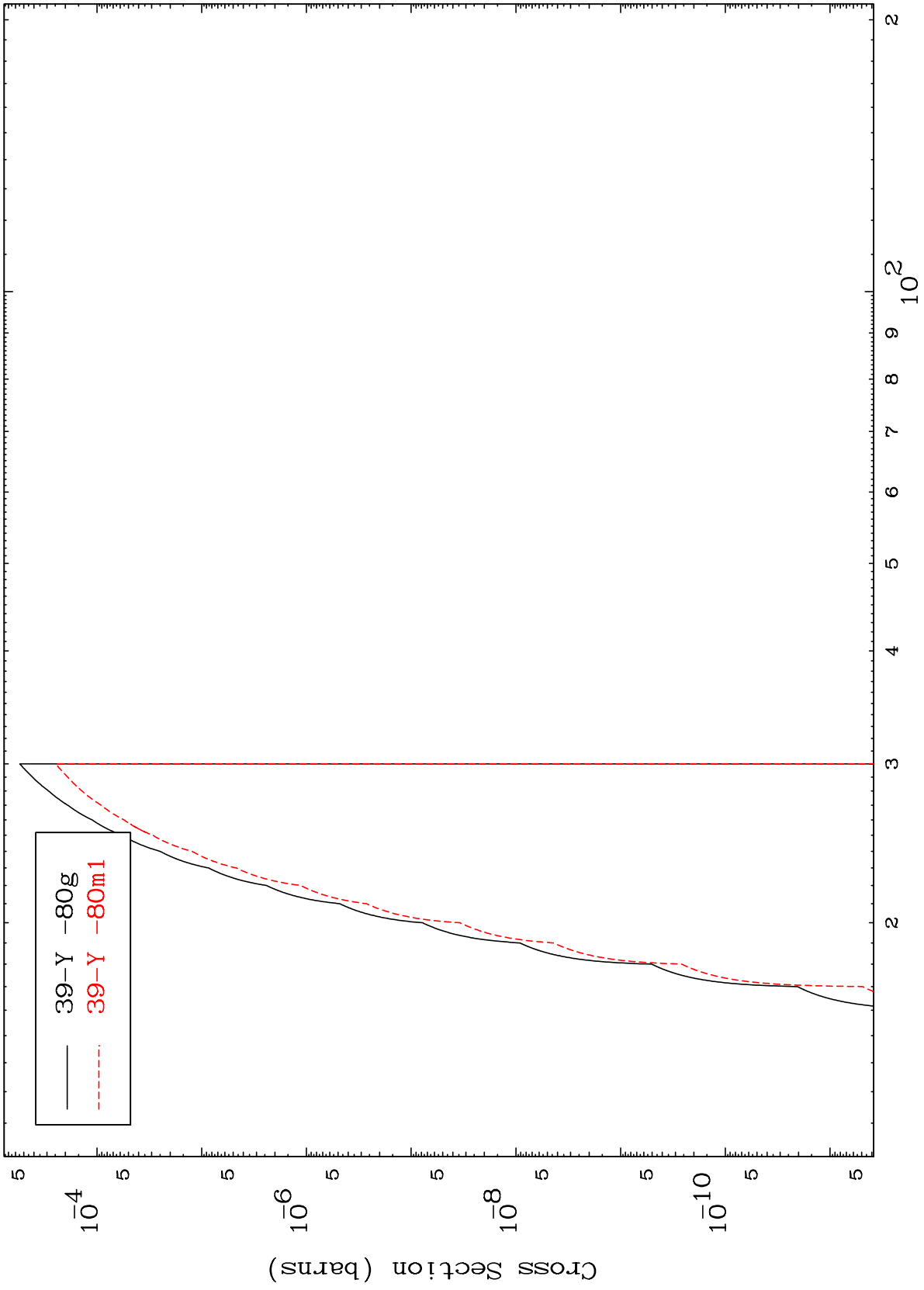
41-Nb-83

MAT 4095

(n, n') He-3

41-Nb-83

Radionuclide Production Cross Section



132

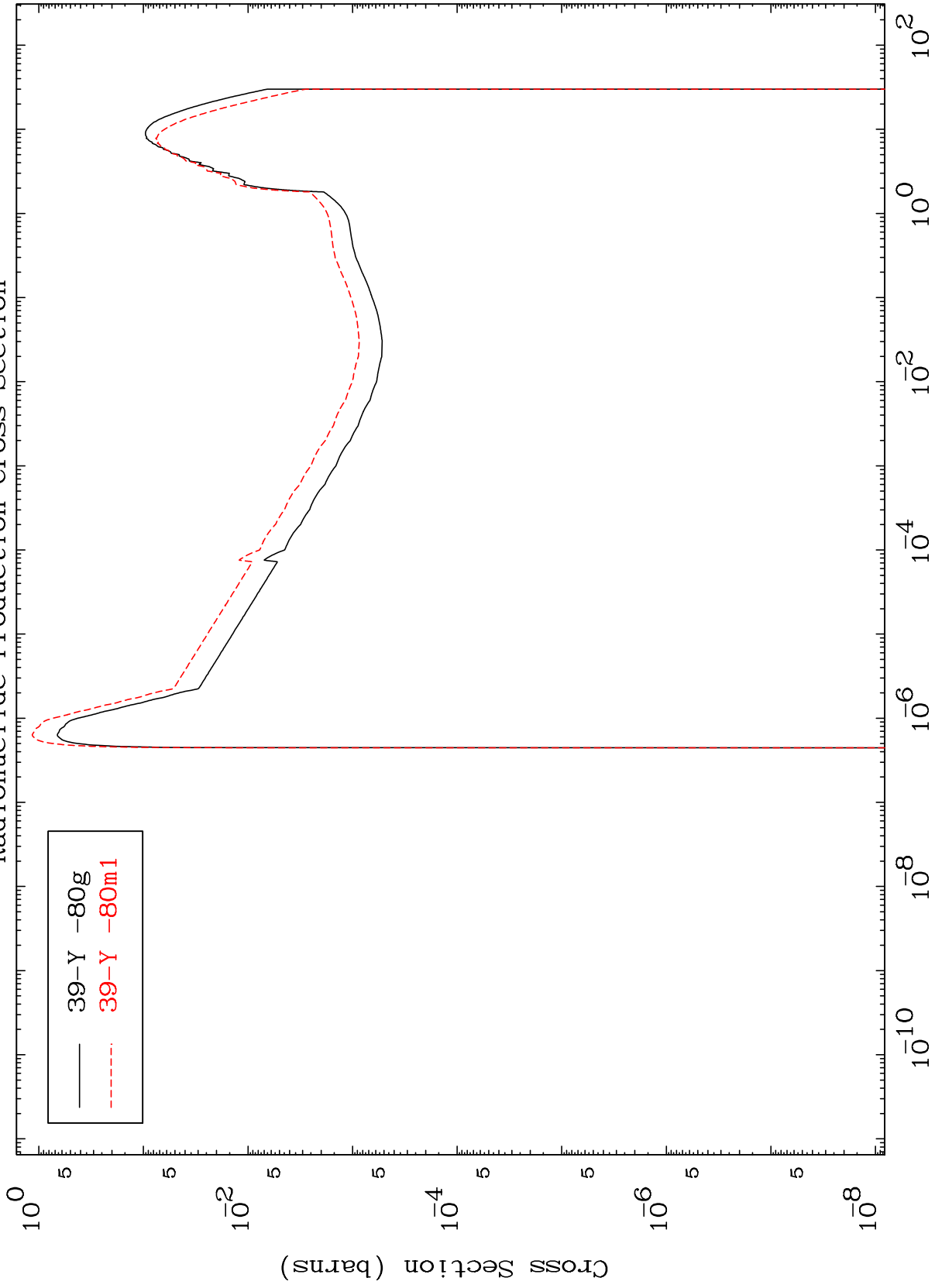
Incident Energy (MeV)

41-Nb-83

MAT 4095

41-Nb-83

Radionuclide Production Cross Section



39-Y -80g  
39-Y -80m1

133

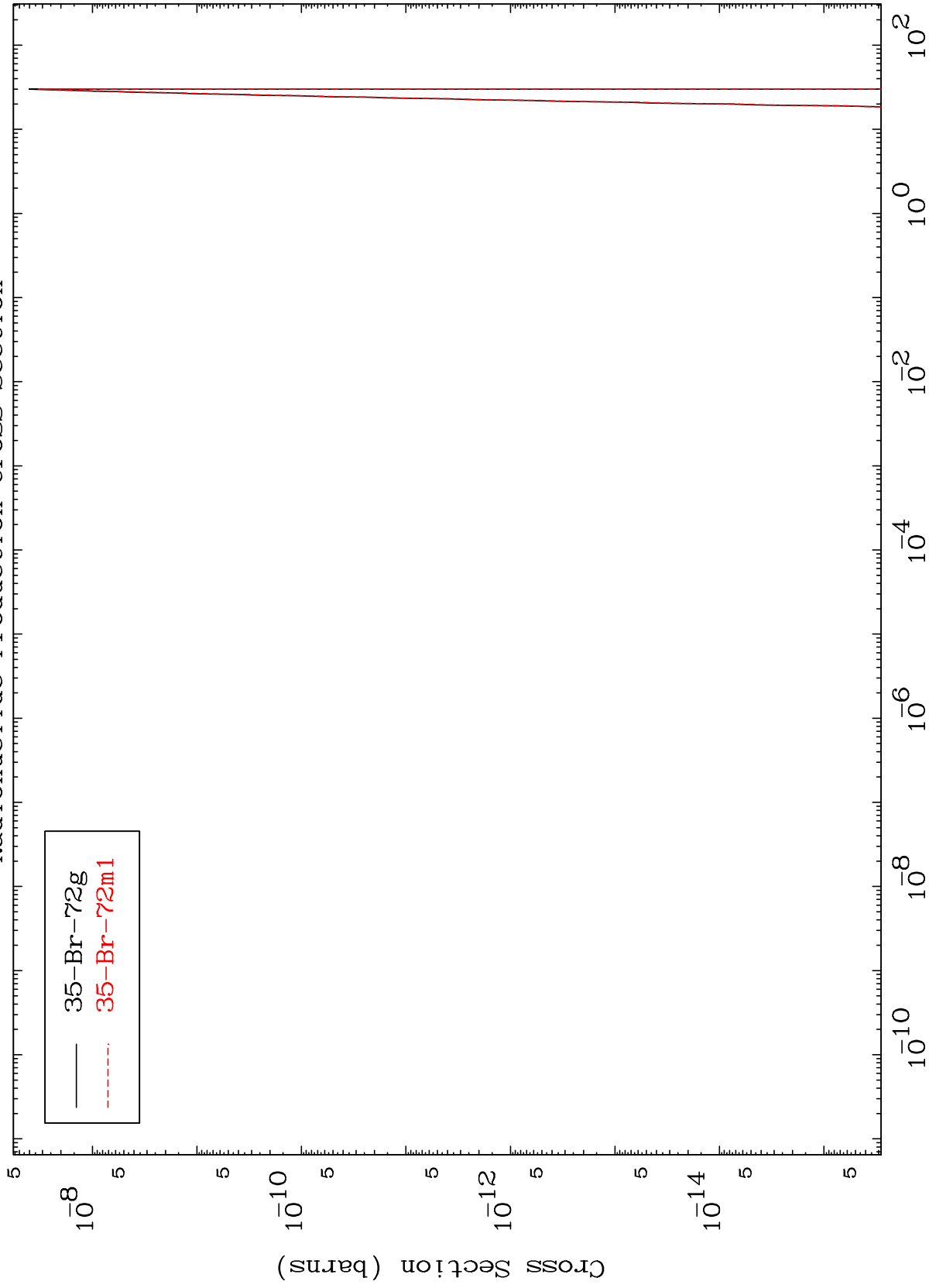
41-Nb-83

MAT 4095

(n,3 $\alpha$ )

41-Nb-83

Radionuclide Production Cross Section



134

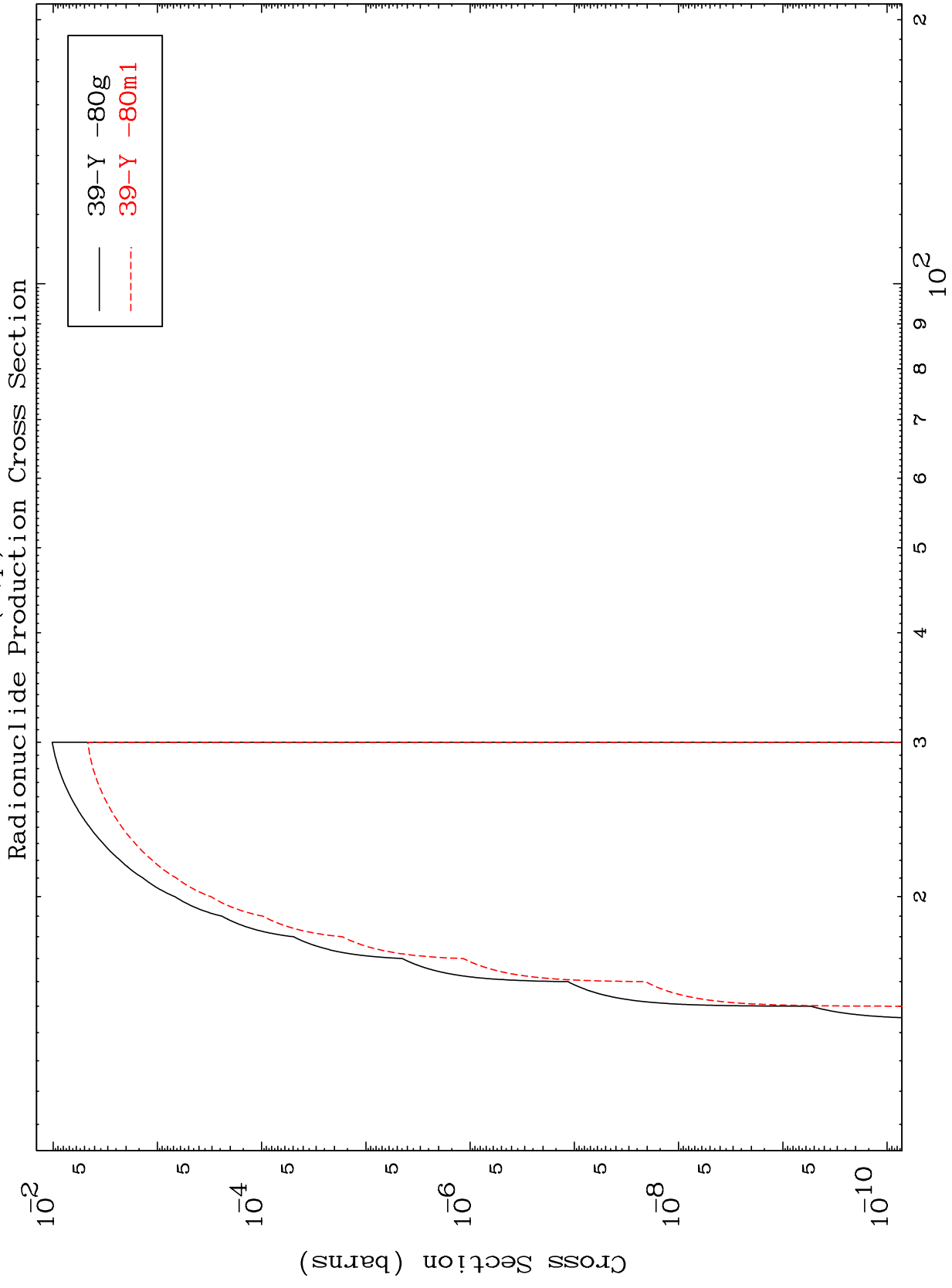
Incident Energy (MeV)

41-Nb-83

MAT 4095

(n,p) t

41-Nb-83



135

41-Nb-83