

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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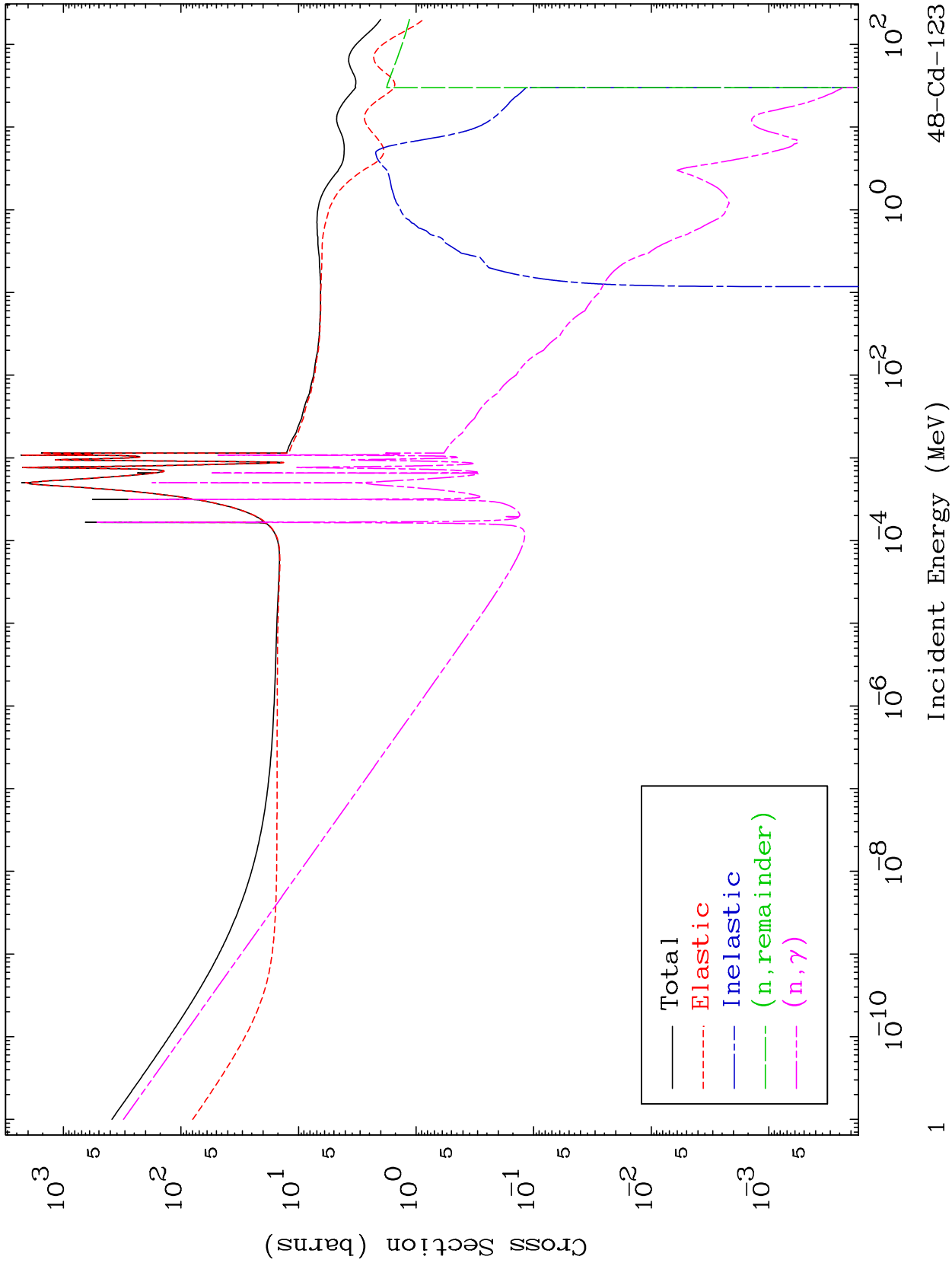
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4876

Major  
293 Kelvin Cross Sections

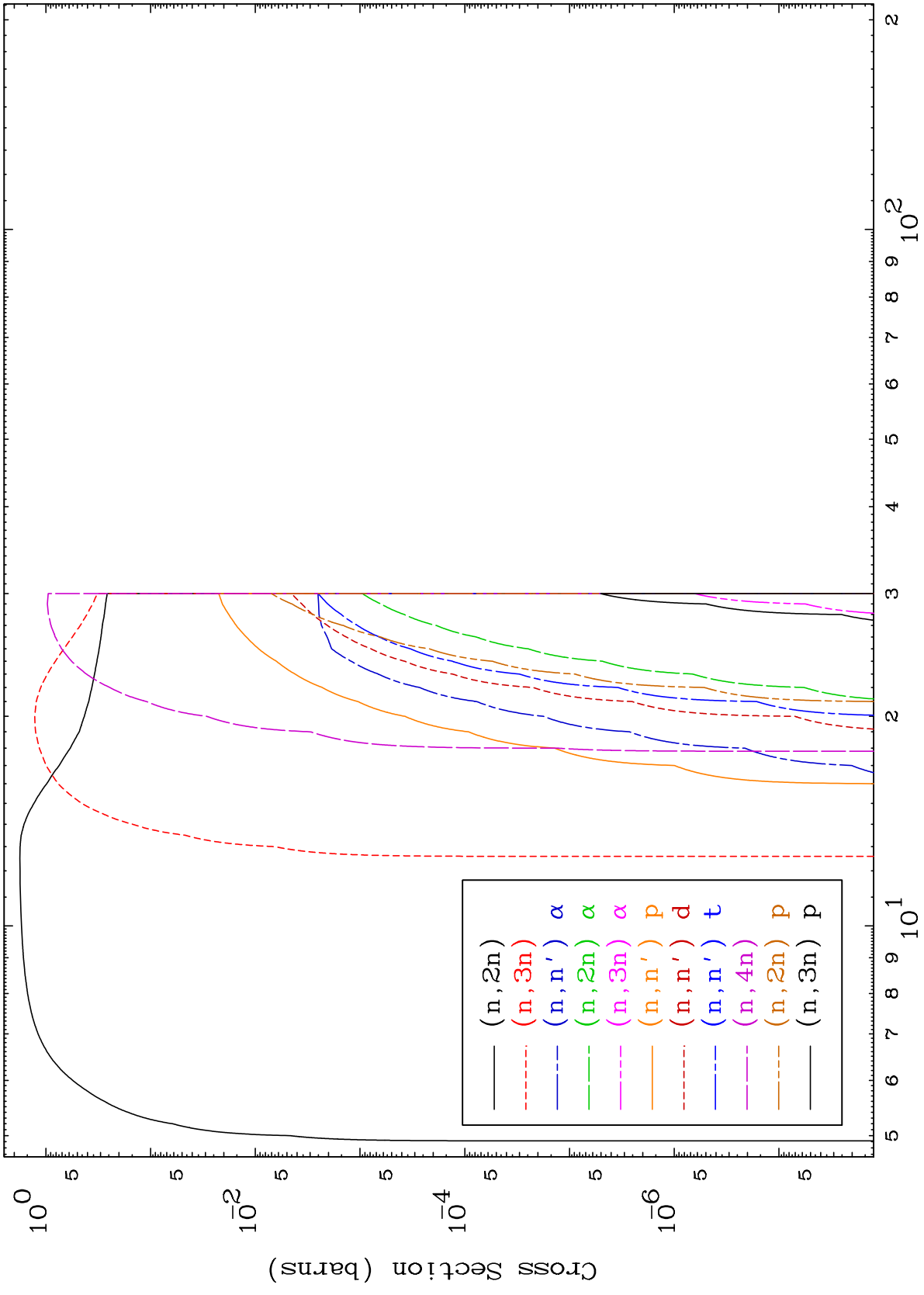
48-Cd-123



MAT 4876

Neutron Production  
293 Kelvin Cross Sections

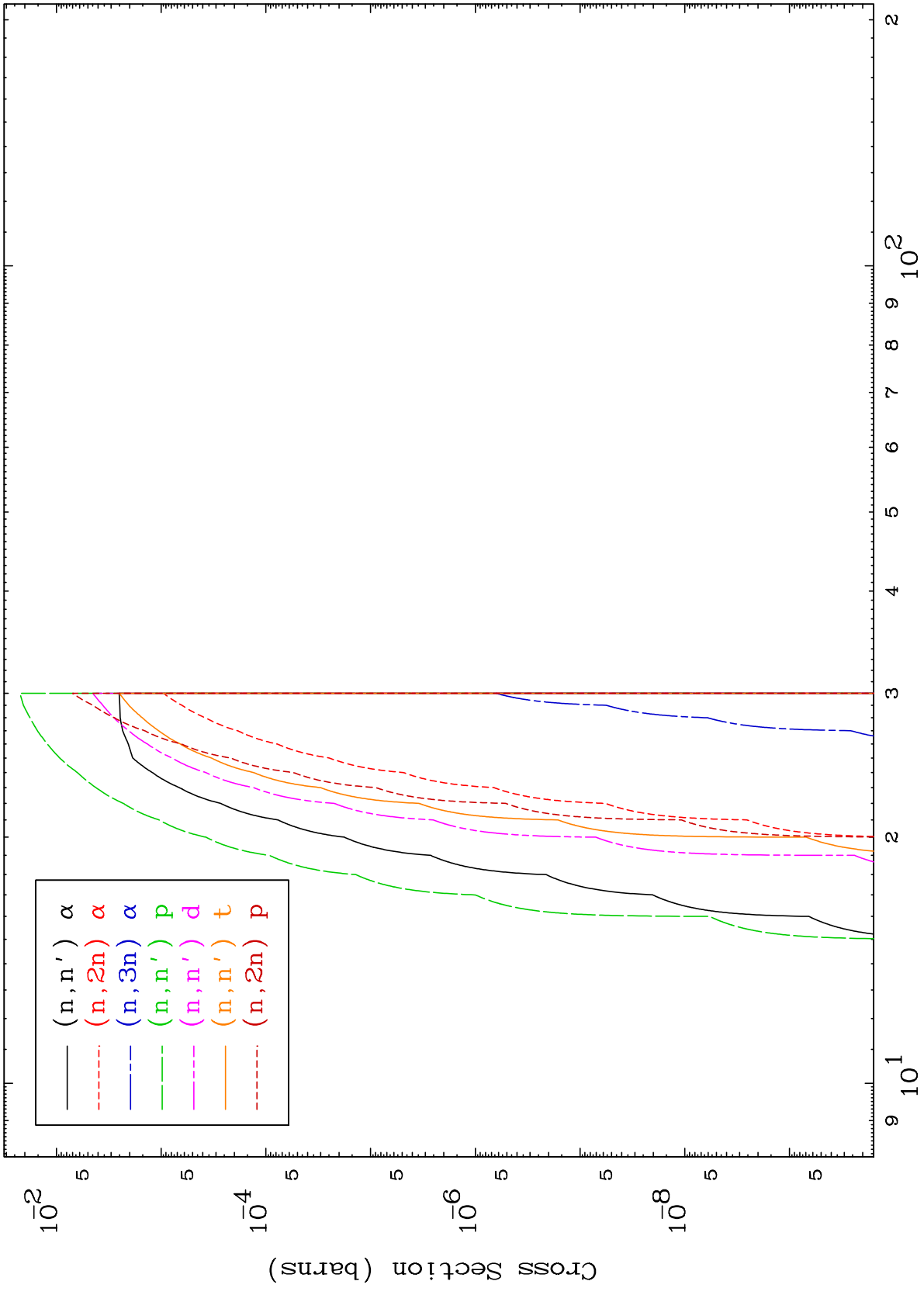
48-Cd-123



2

Incident Energy (MeV)

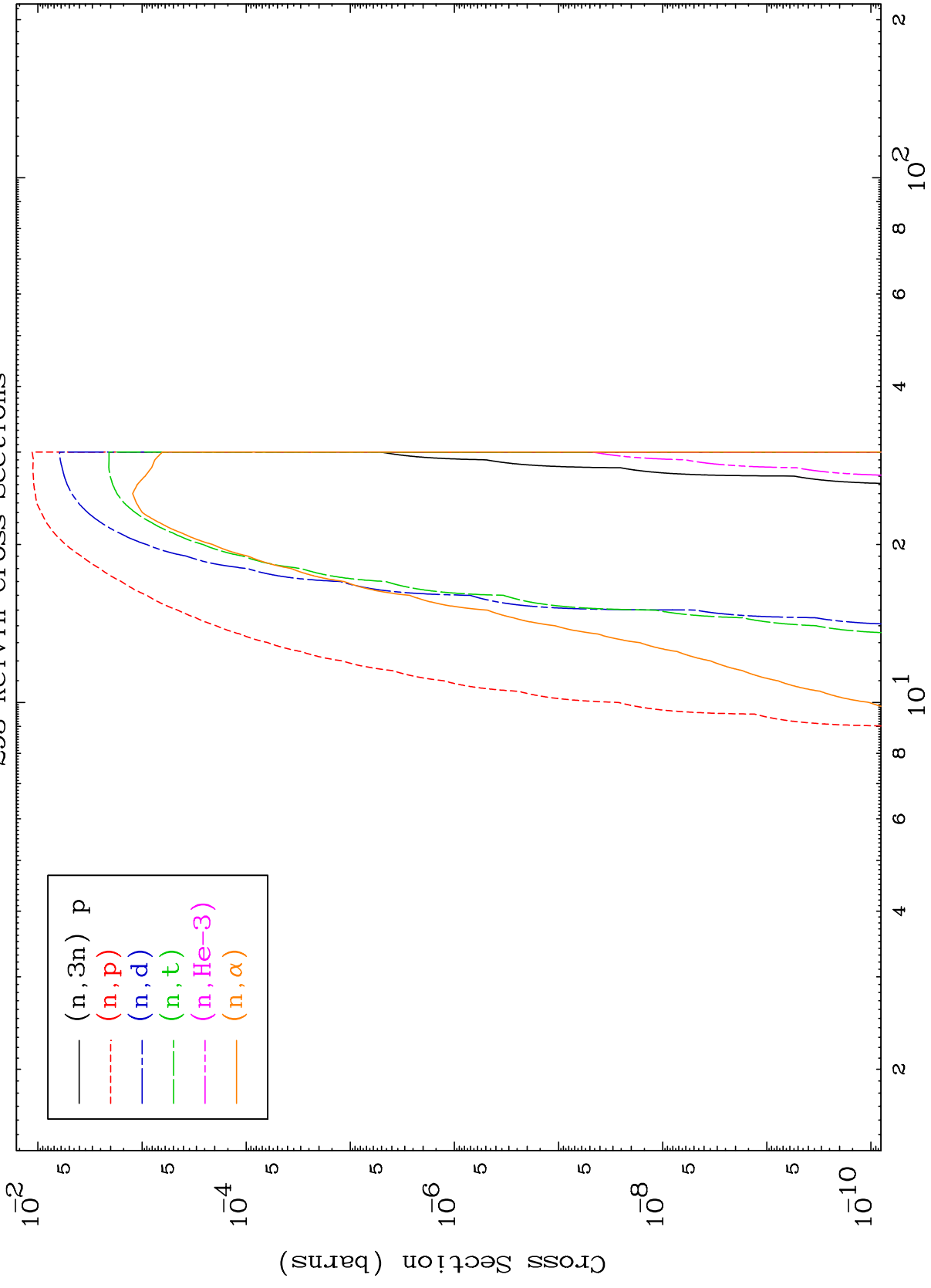
48-Cd-123



MAT 4876

Charged Particle  
293 Kelvin Cross Sections

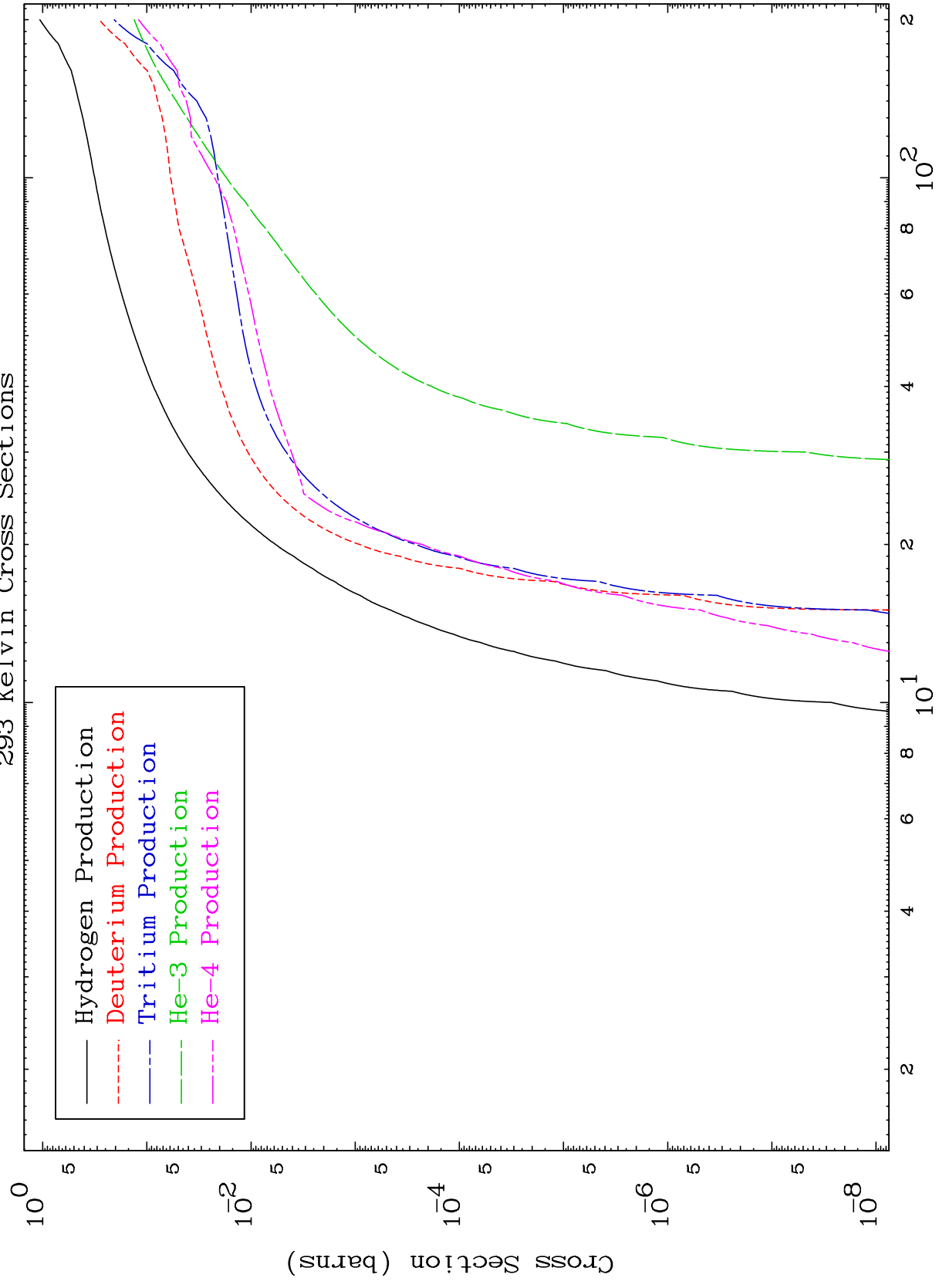
48-Cd-123



MAT 4876

Particle Production  
293 Kelvin Cross Sections

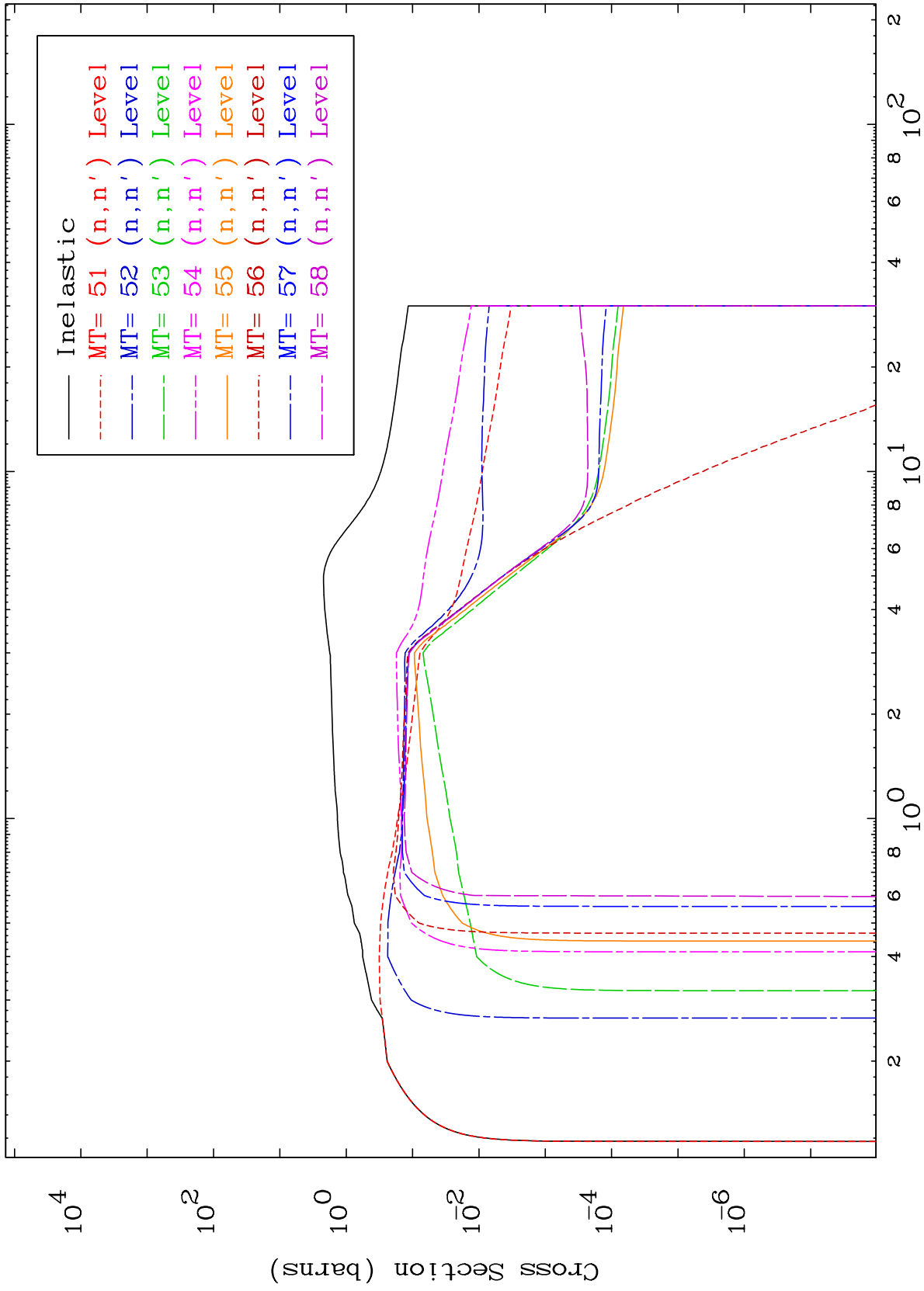
48-Cd-123



MAT 4876

(n,n') Level  
293 Kelvin Cross Sections

48-Cd-123



6

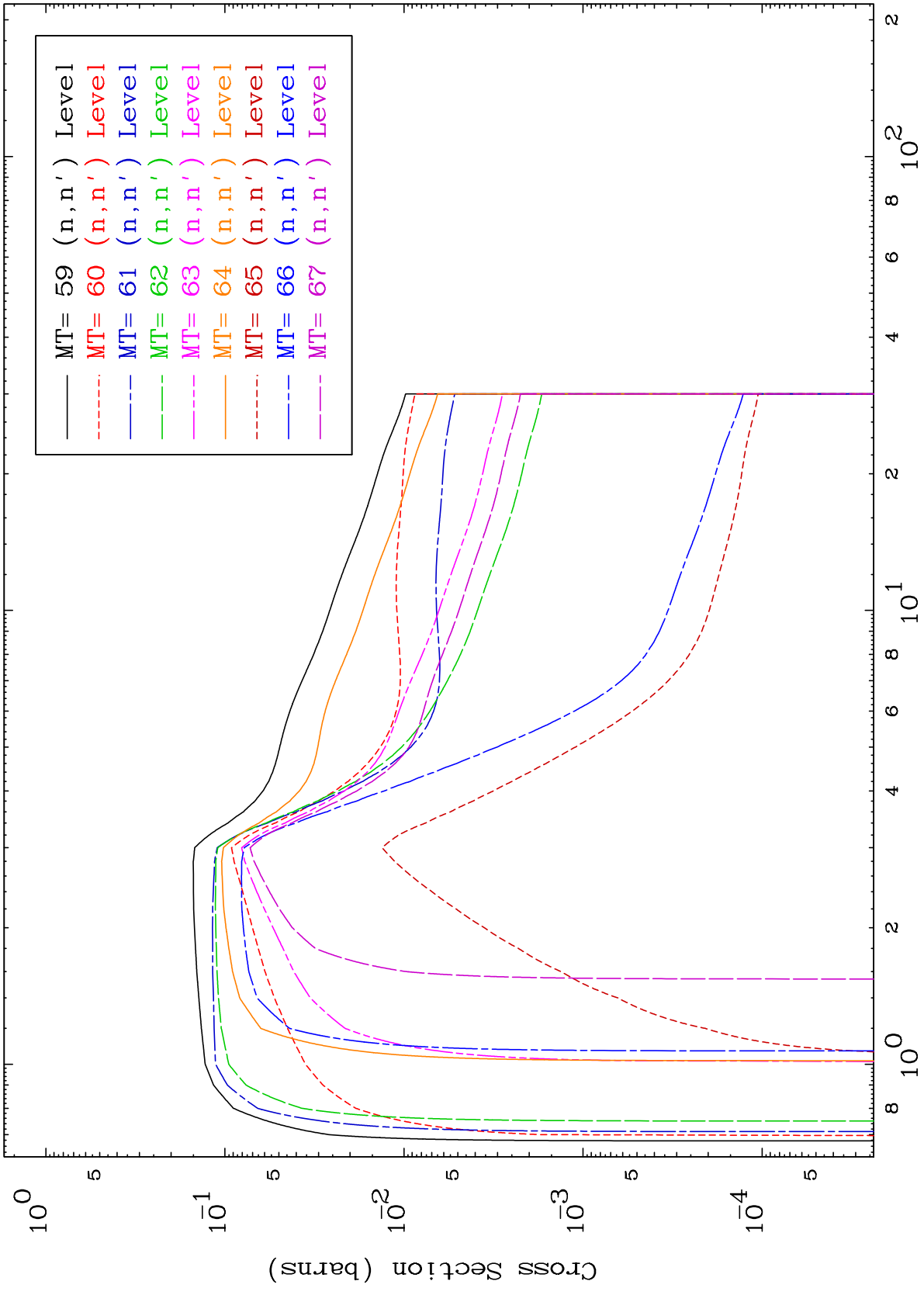
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n,n') Level  
293 Kelvin Cross Sections

48-Cd-123



7

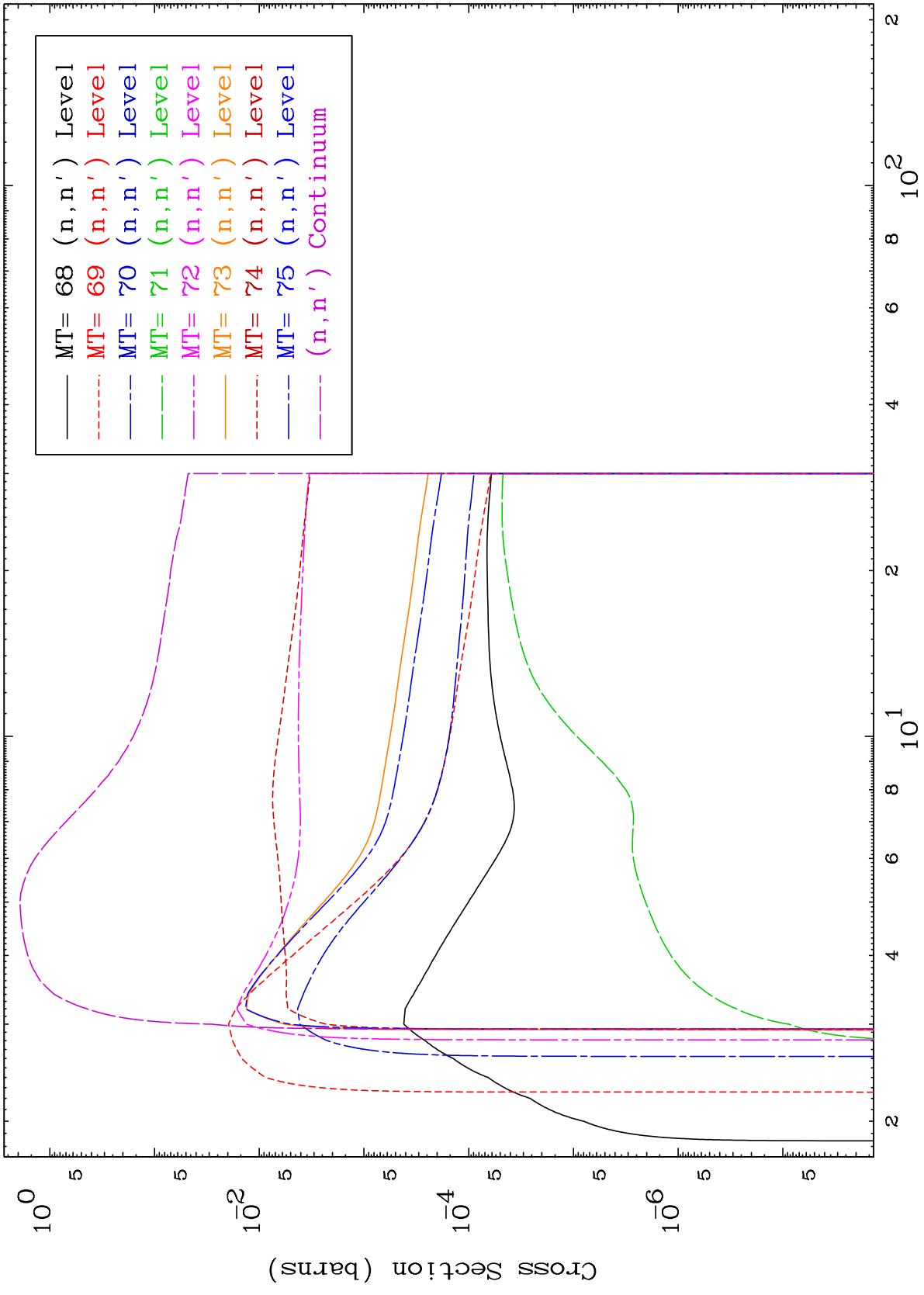
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n,n') Level  
293 Kelvin Cross Sections

48-Cd-123



8

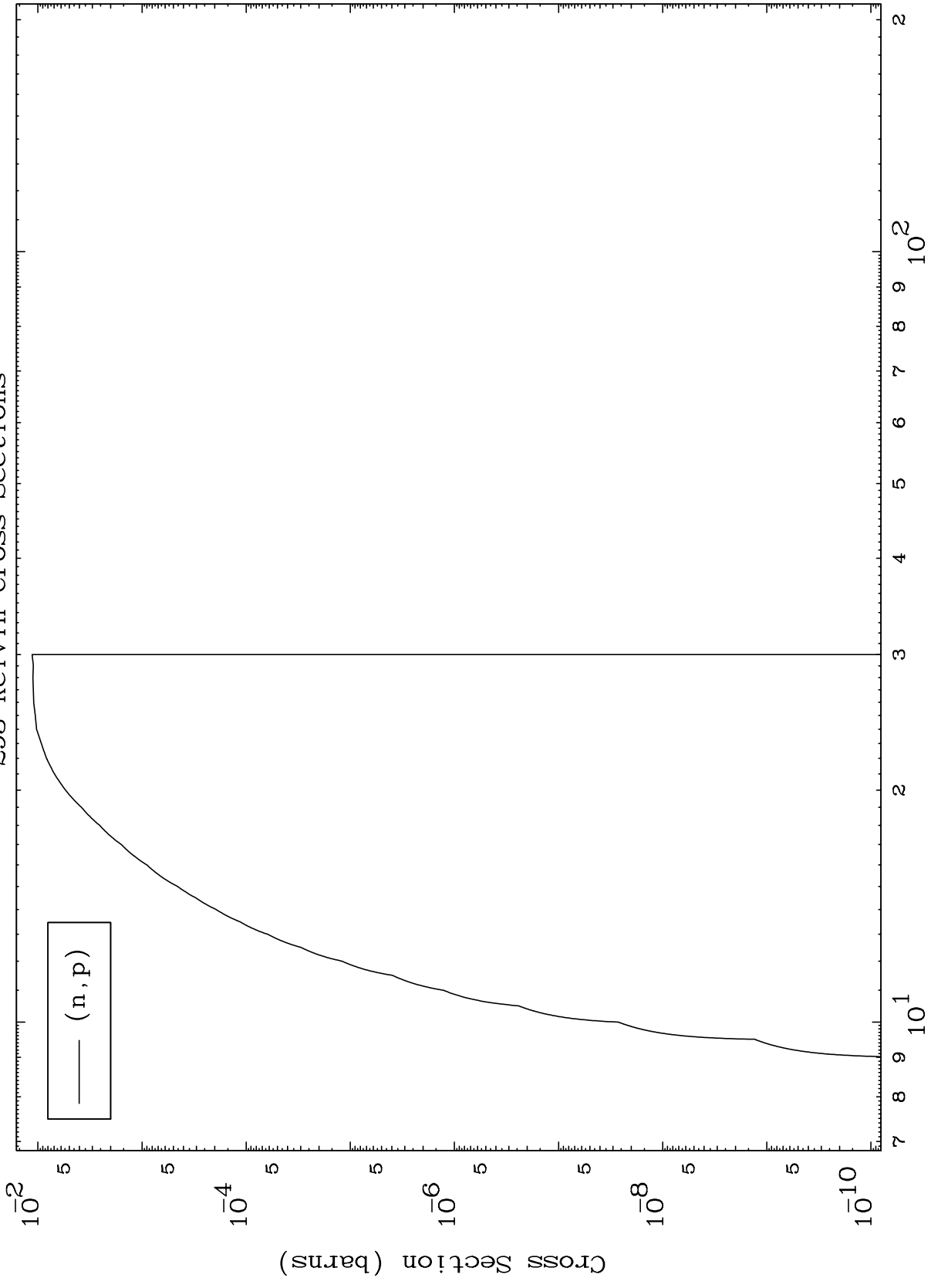
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n,p) Levels  
293 Kelvin Cross Sections

48-Cd-123



9

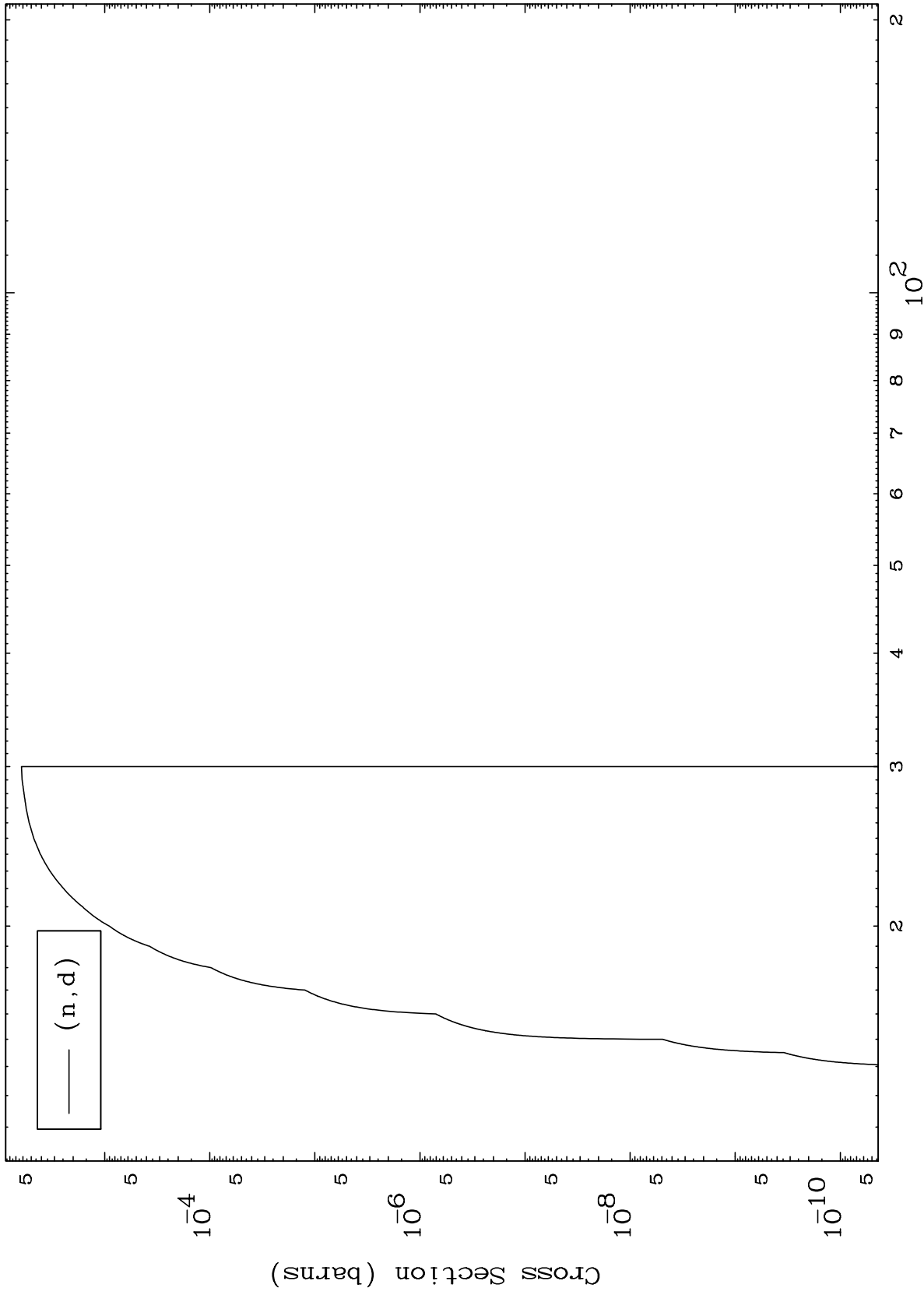
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n,d) Levels  
293 Kelvin Cross Sections

48-Cd-123



10

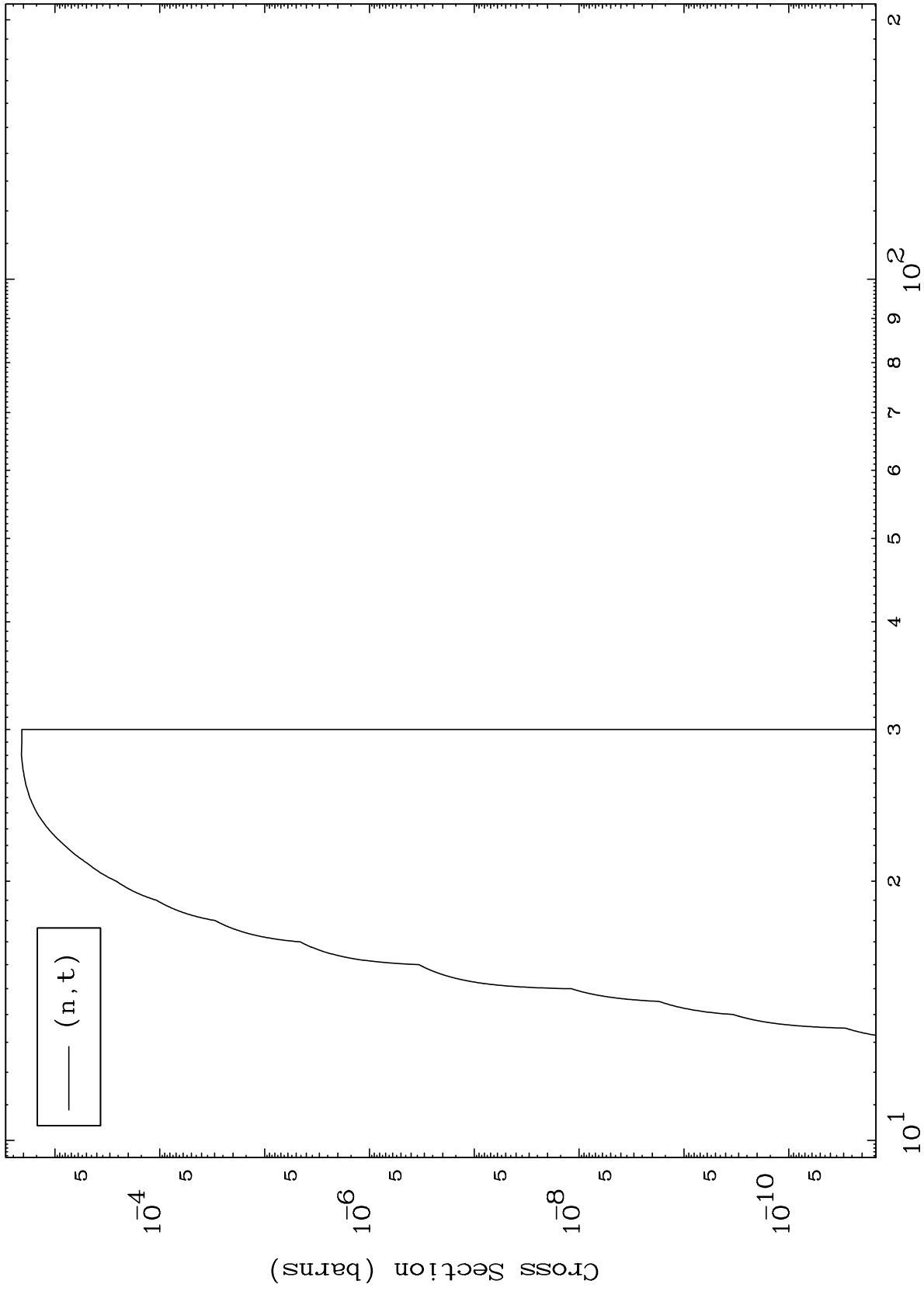
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n,t) Levels  
293 Kelvin Cross Sections

48-Cd-123



11

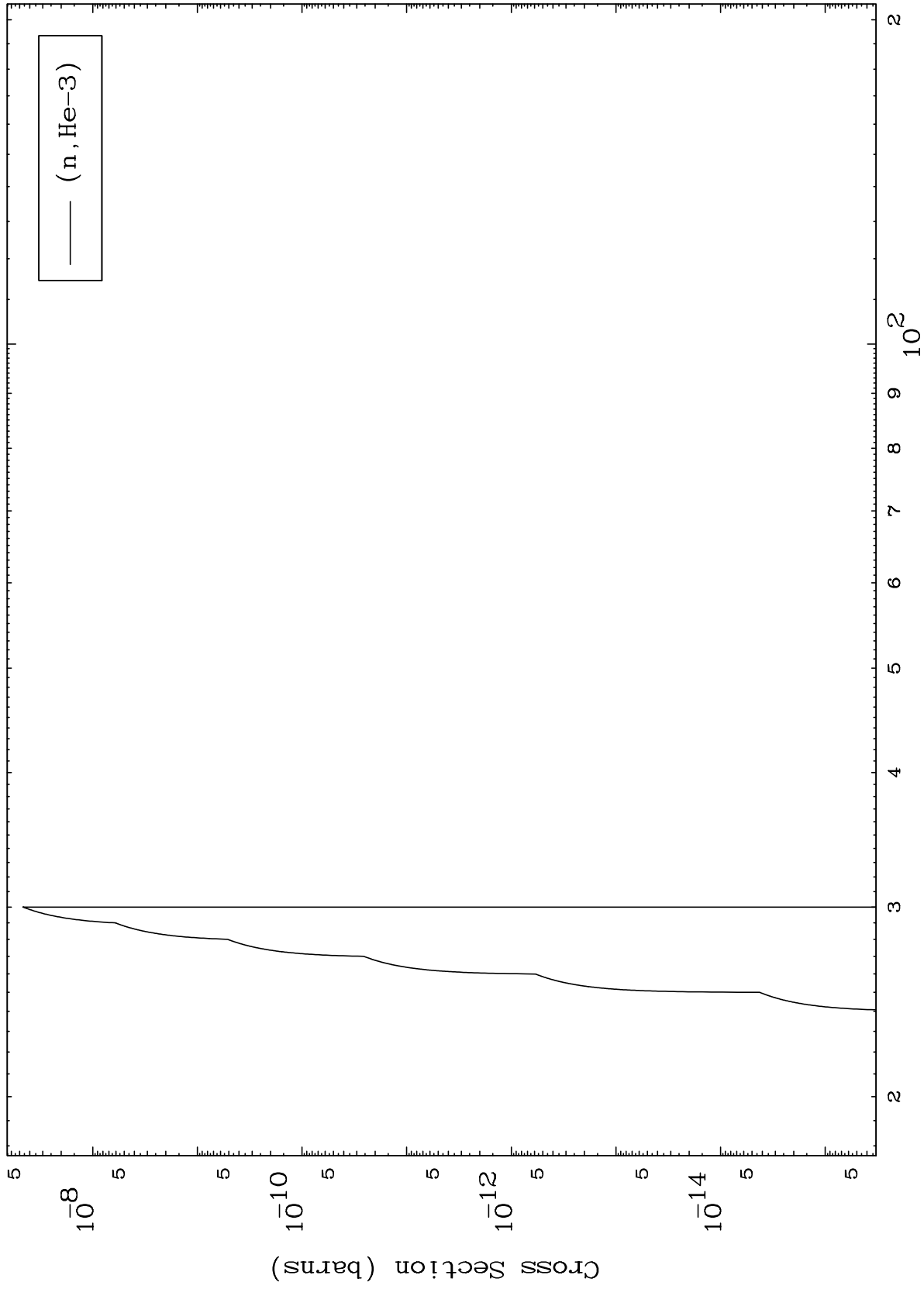
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n,He3) Levels  
293 Kelvin Cross Sections

48-Cd-123



12

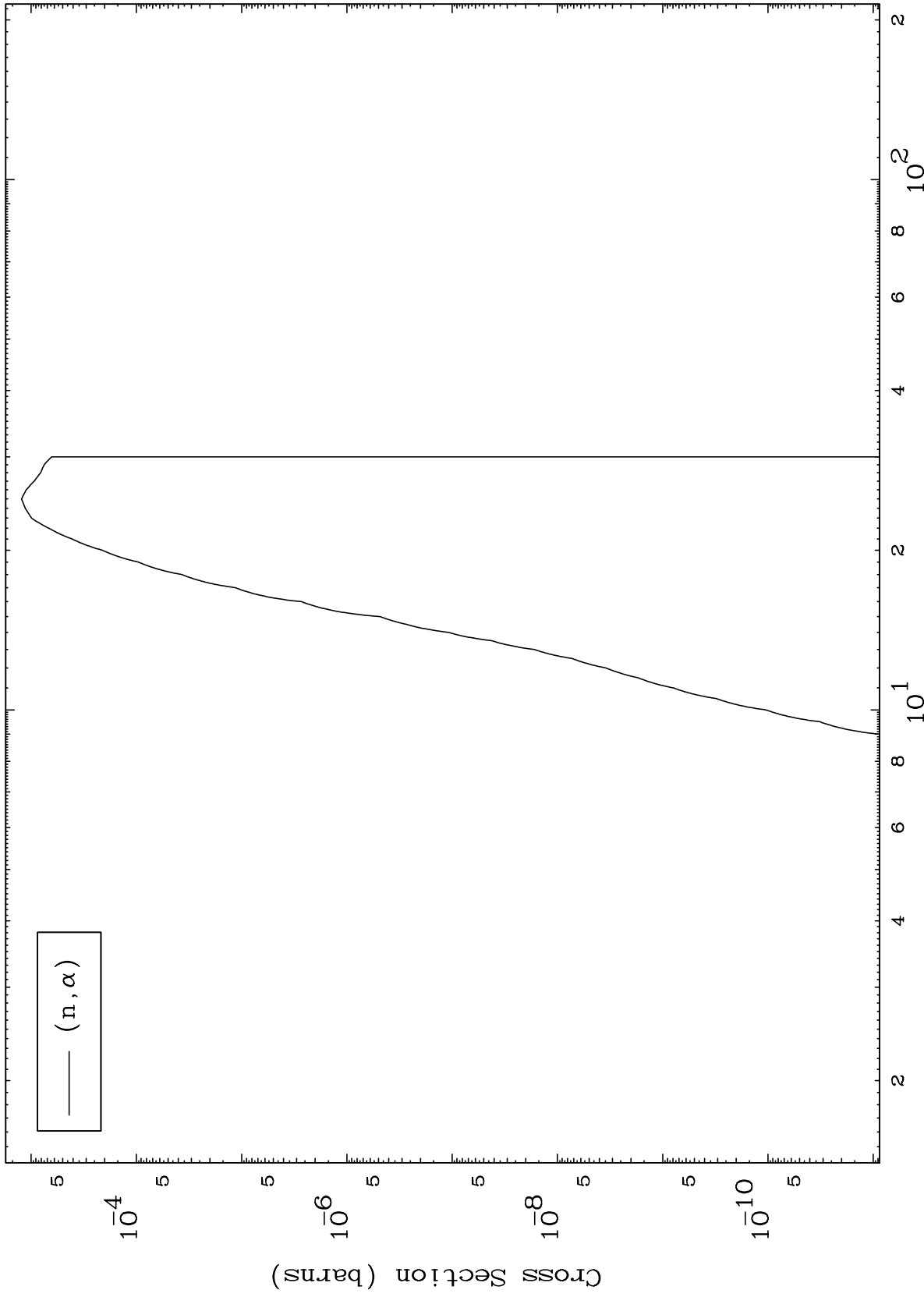
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n,α) Levels  
293 Kelvin Cross Sections

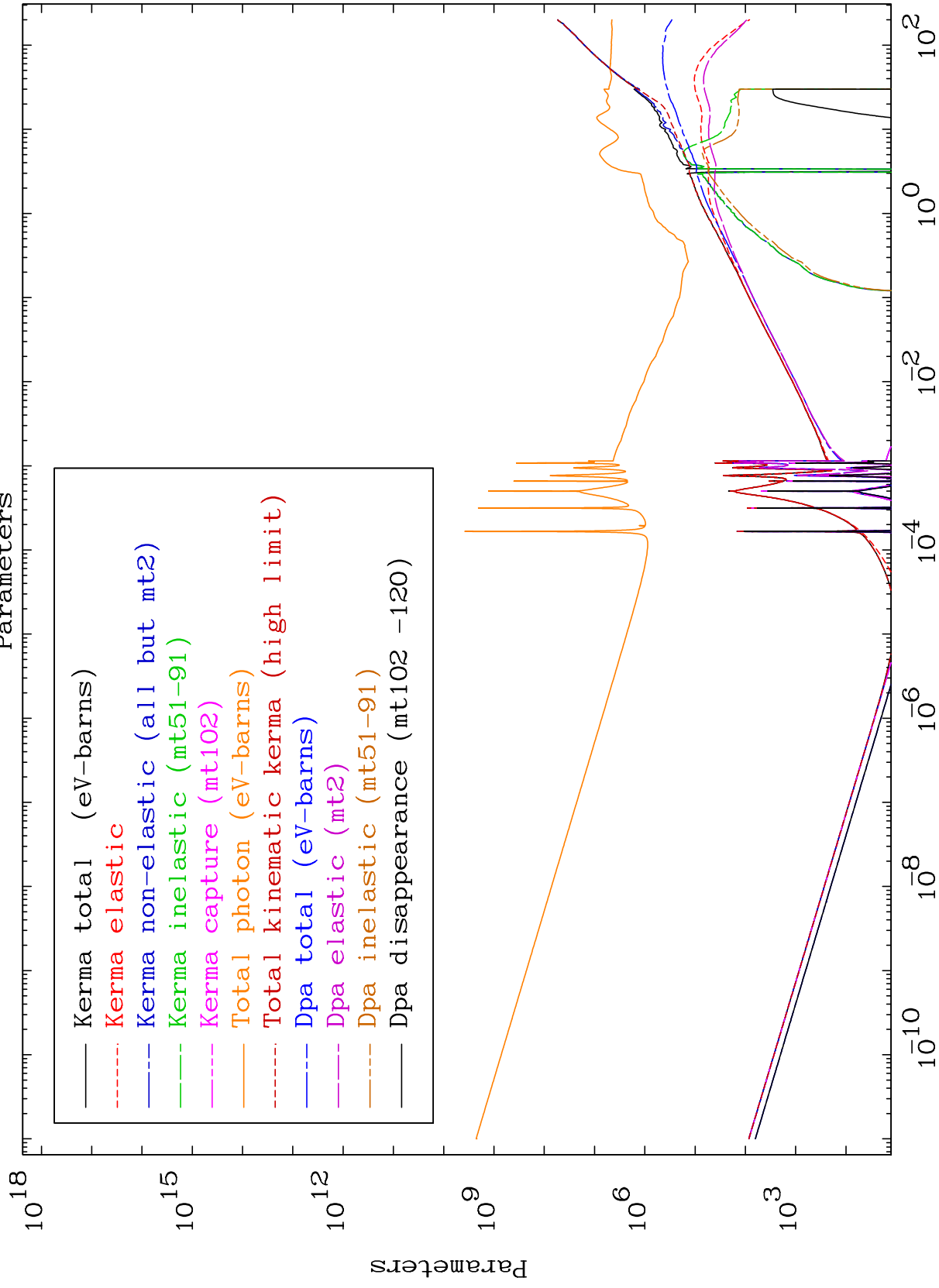
48-Cd-123



13

Incident Energy (MeV)

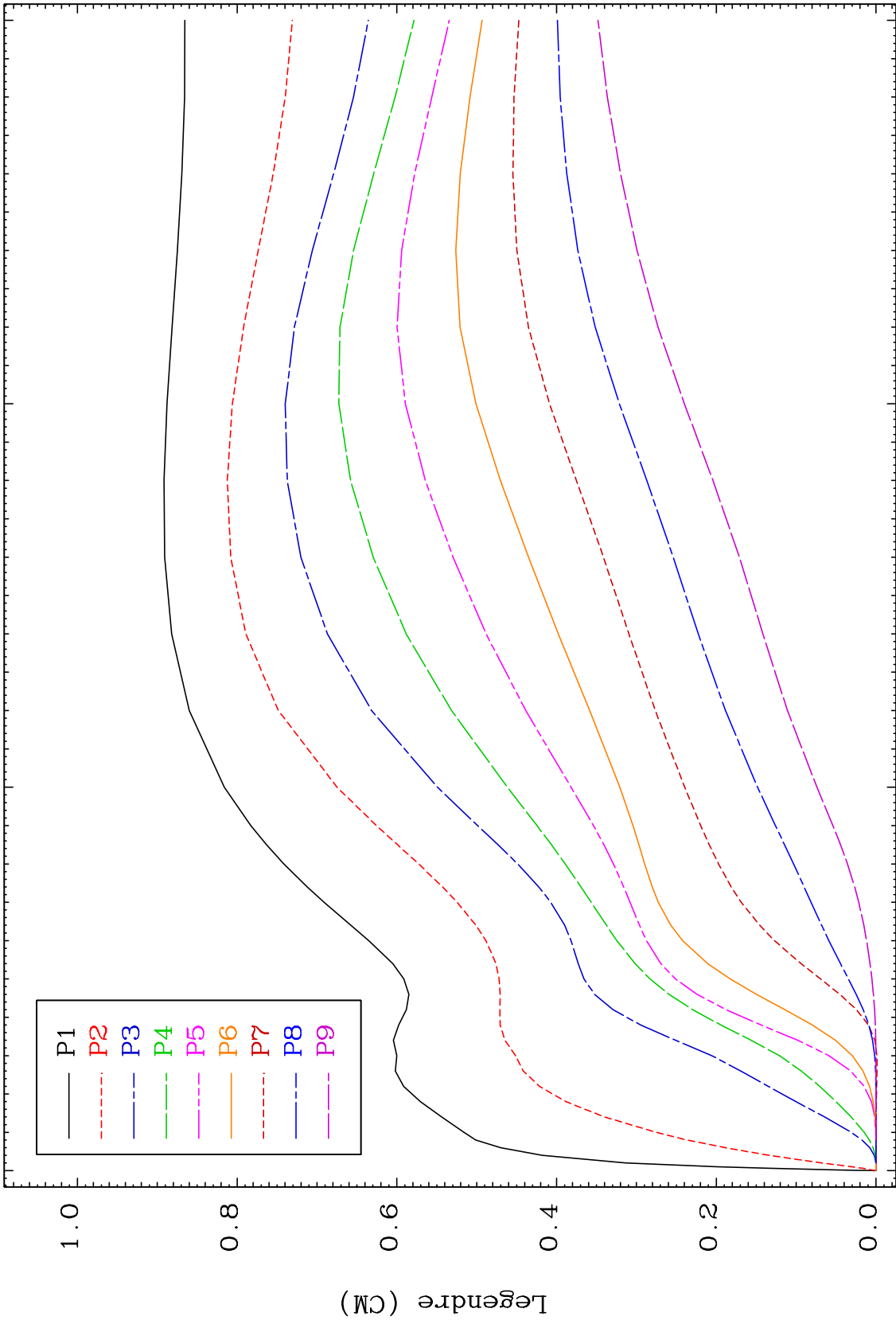
48-Cd-123



MAT 4876

Elastic Legendre Coefficients

48-Cd-123



15

0

10

20

30

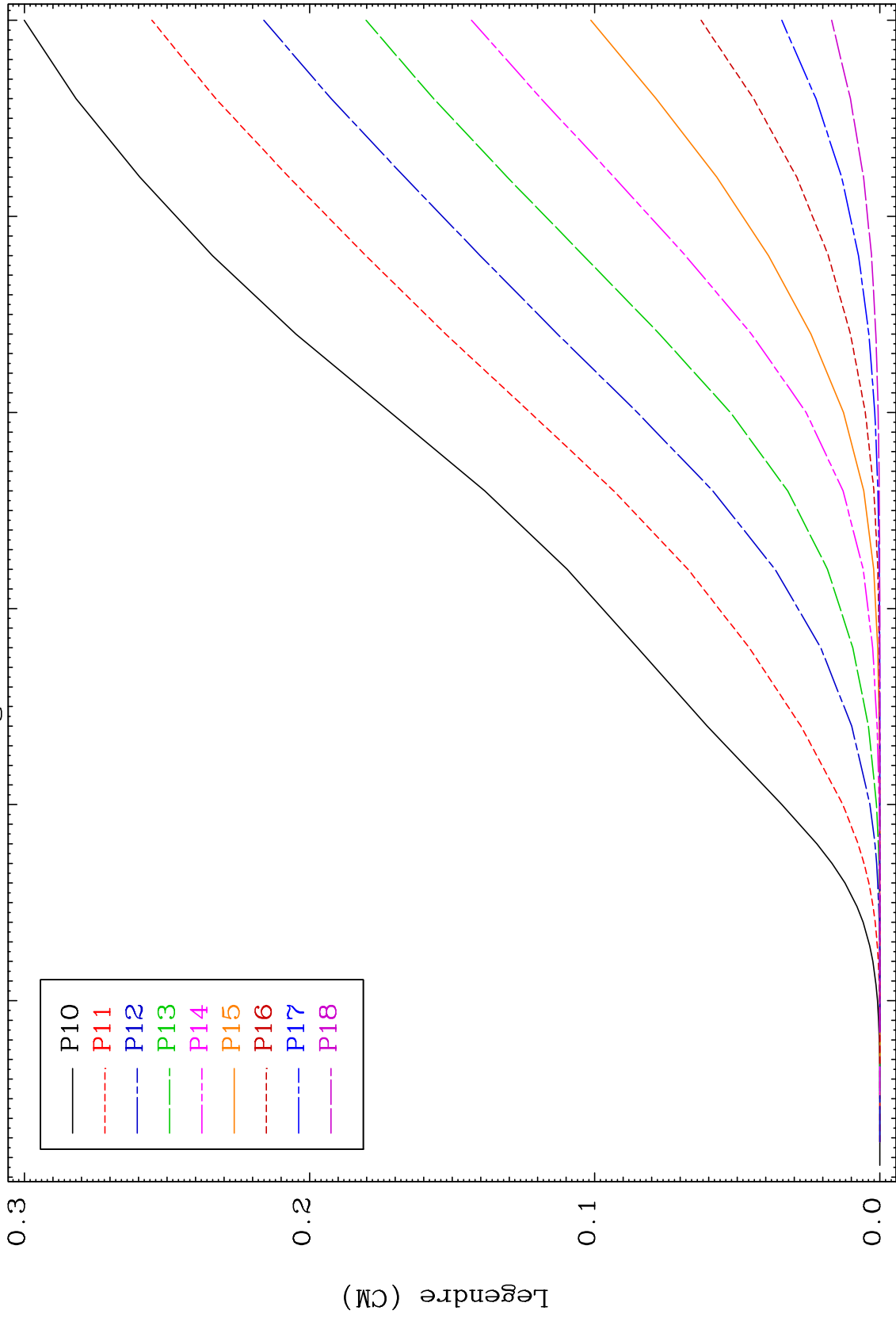
Incident Energy (MeV)

48-Cd-123

MAT 4876

Elastic Legendre Coefficients

48-Cd-123



16

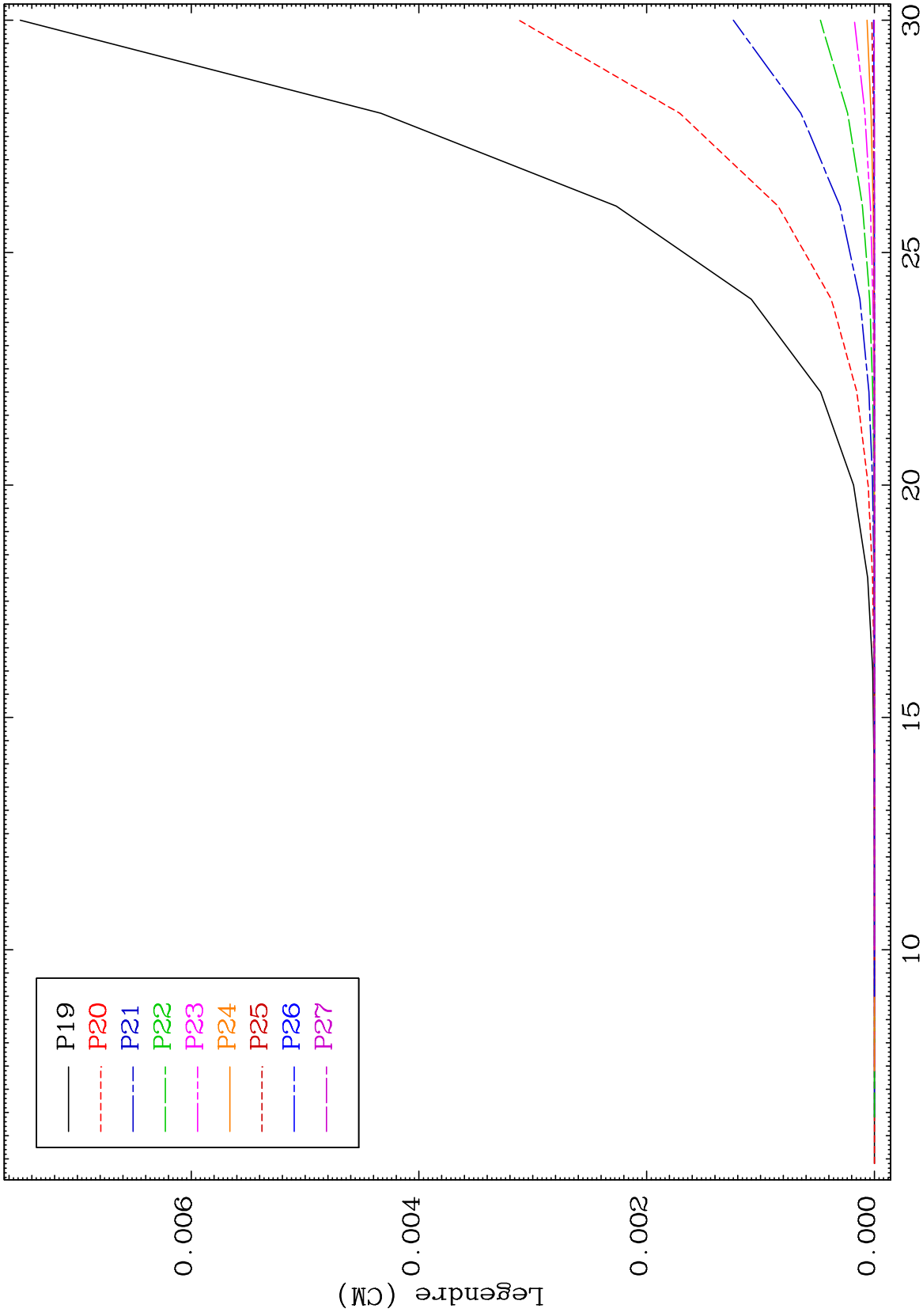
Incident Energy (MeV)

48-Cd-123

MAT 4876

### Elastic Legendre Coefficients

48-Cd-123



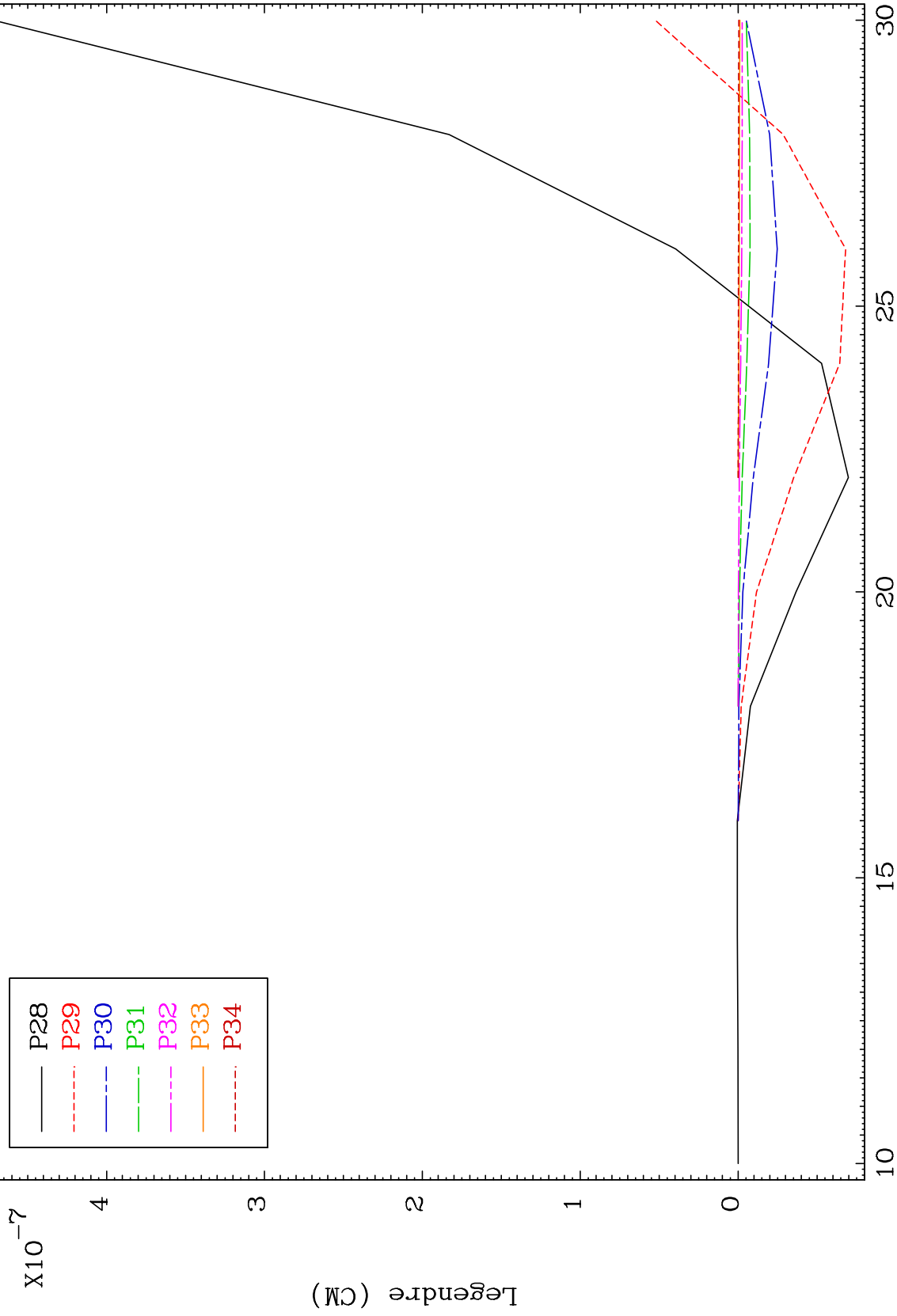
17

48-Cd-123

MAT 4876

Elastic Legendre Coefficients

48-Cd-123



18

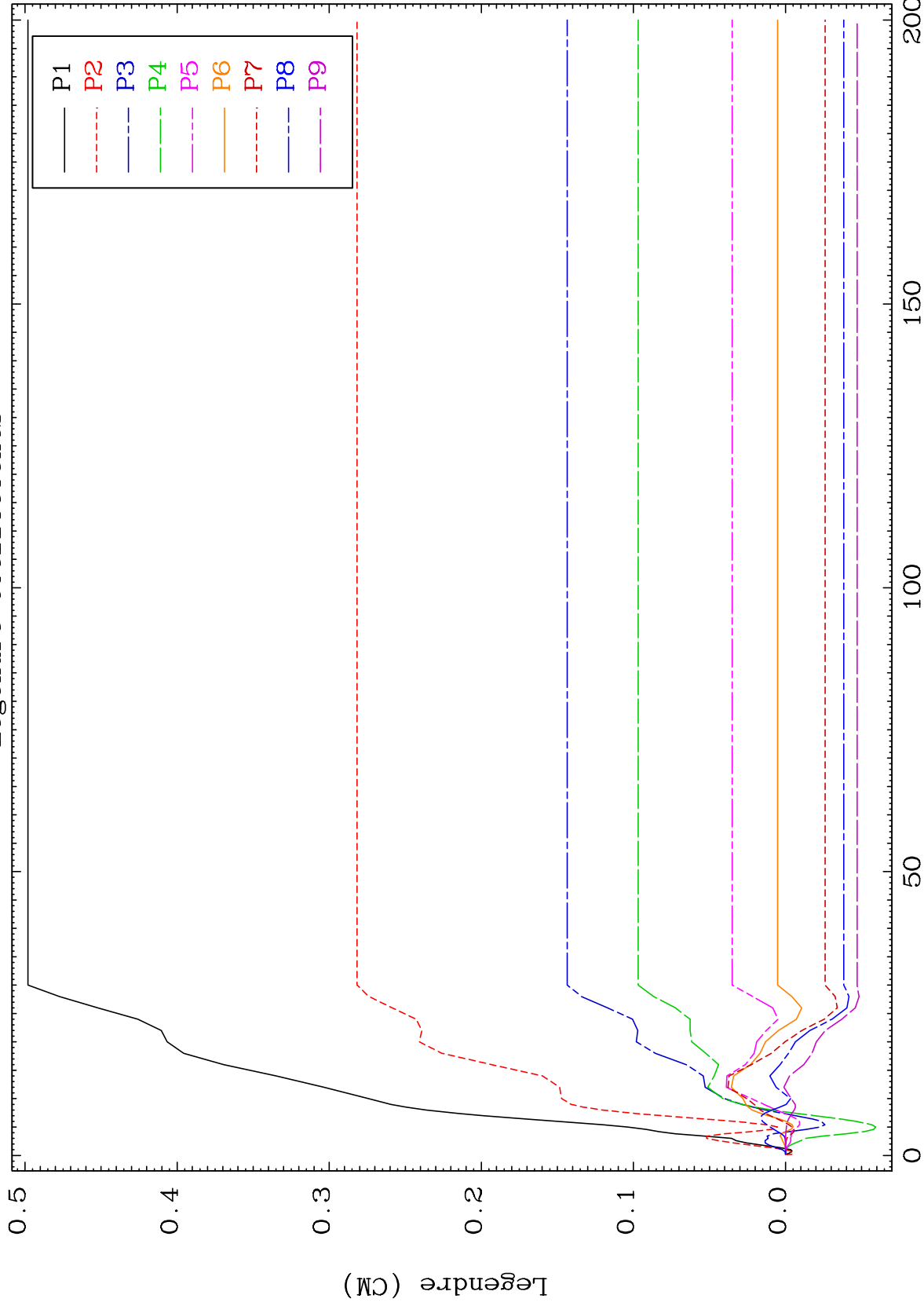
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123

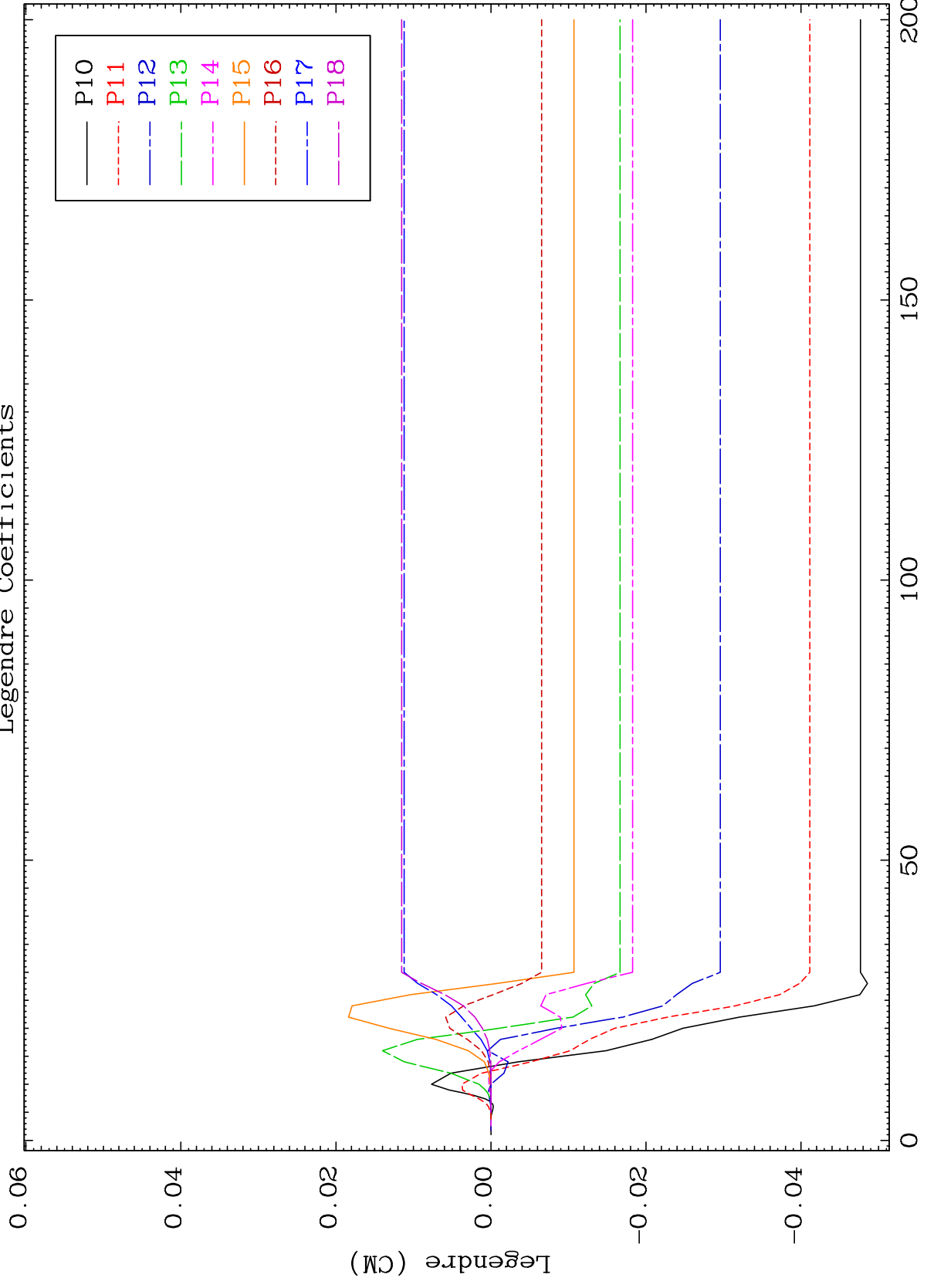


19

Incident Energy (MeV)

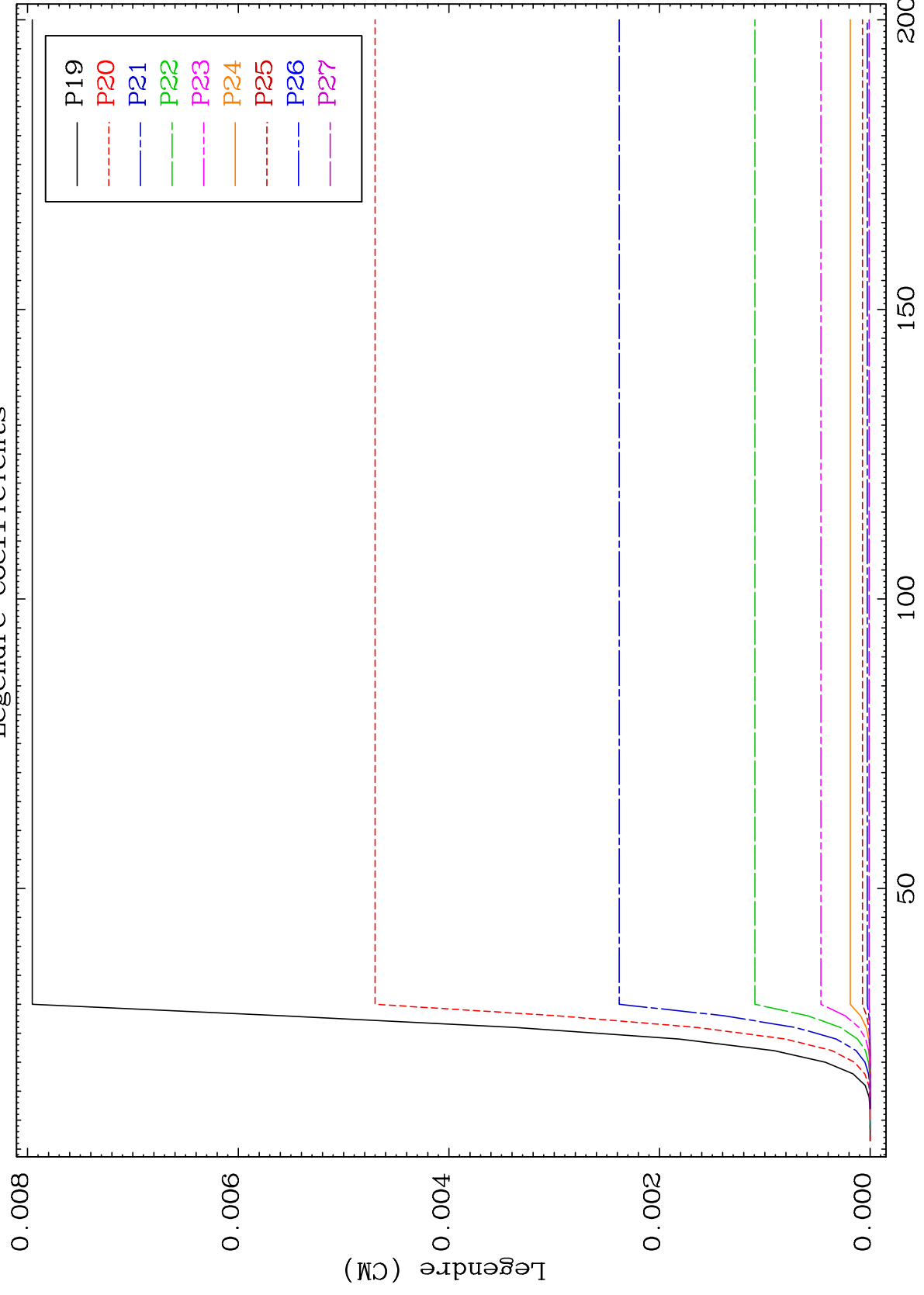
48-Cd-123

MAT 4876 MT= 51 (n,n') Level Legendre Coefficients 48-Cd-123



48-Cd-123

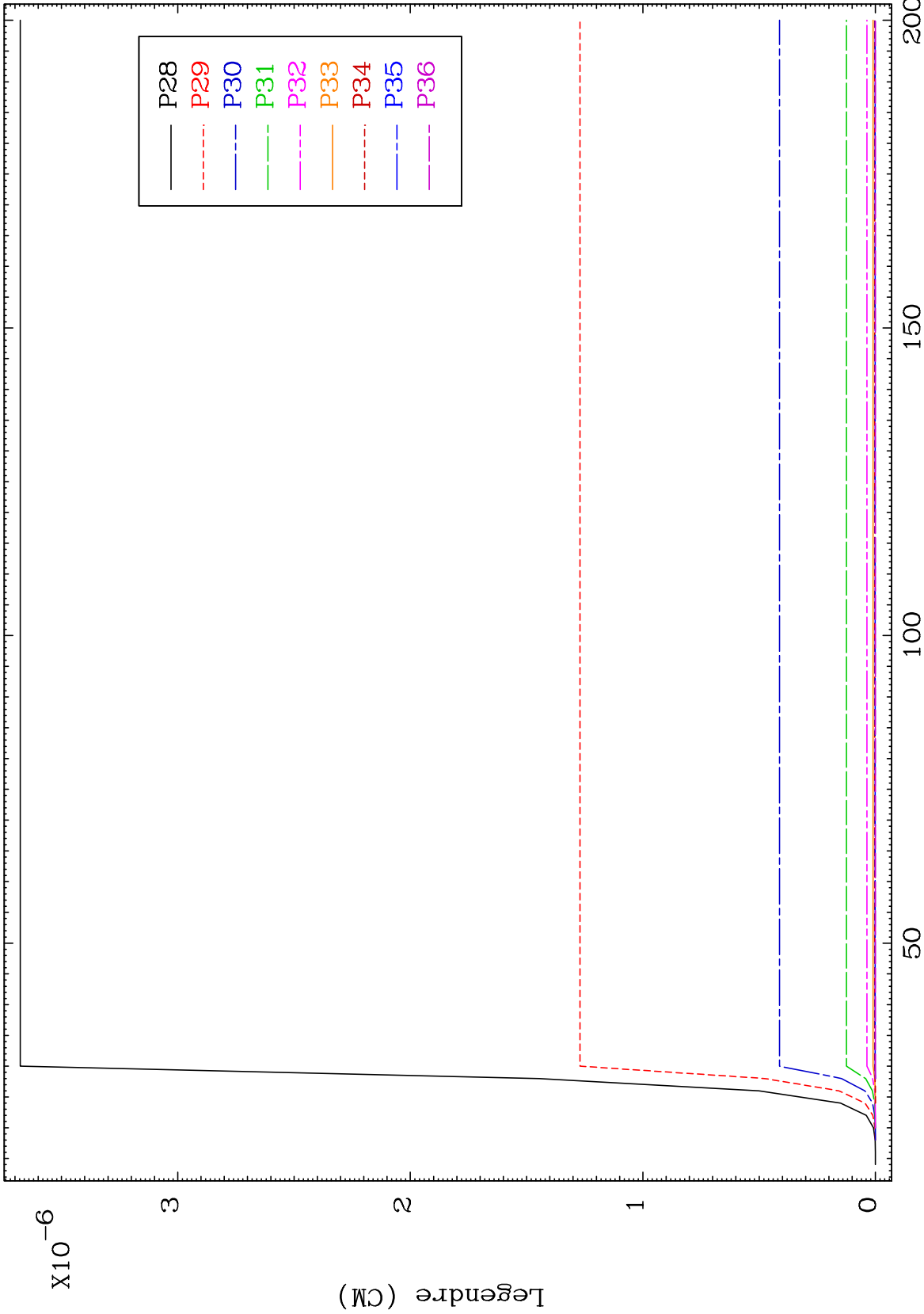
MAT 4876 MT= 51 (n, n') Level Legendre Coefficients 48-Cd-123



MAT 4876

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

48-Cd-123



22

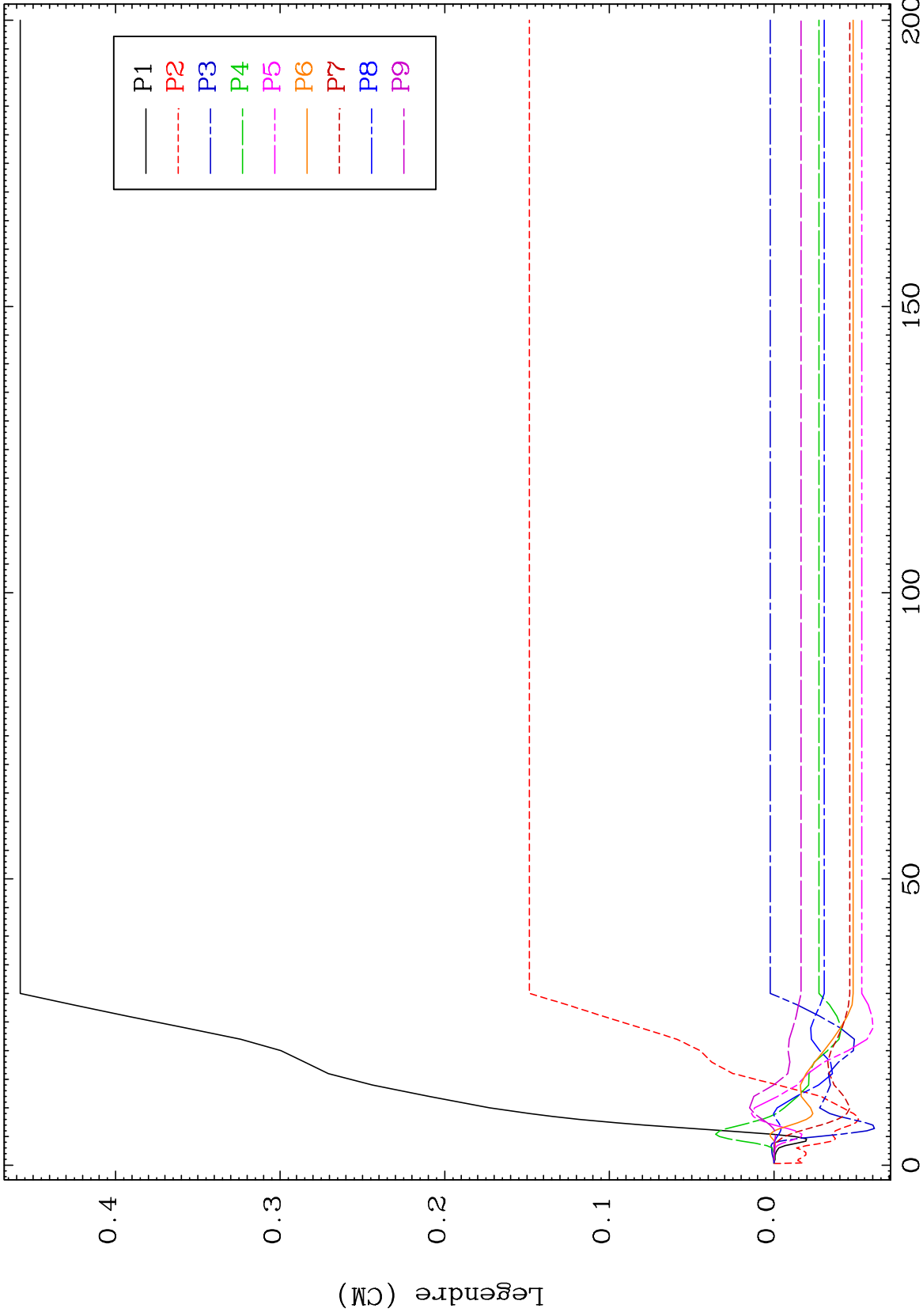
48-Cd-123

48-Cd-123

MAT 4876

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

48-Cd-123

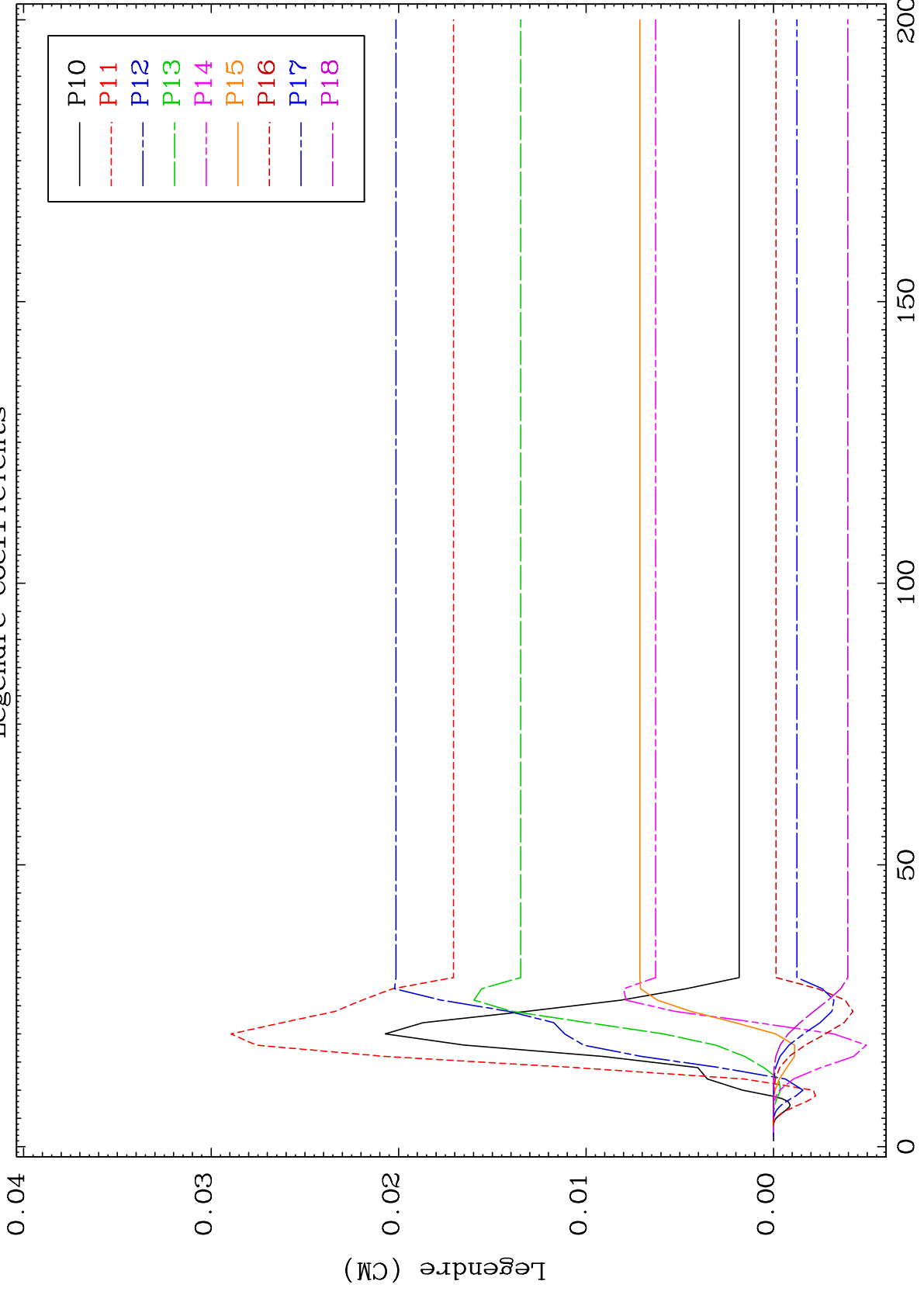


23

Incident Energy (MeV)

48-Cd-123

MAT 4876 MT= 52 (n,n') Level Legendre Coefficients 48-Cd-123

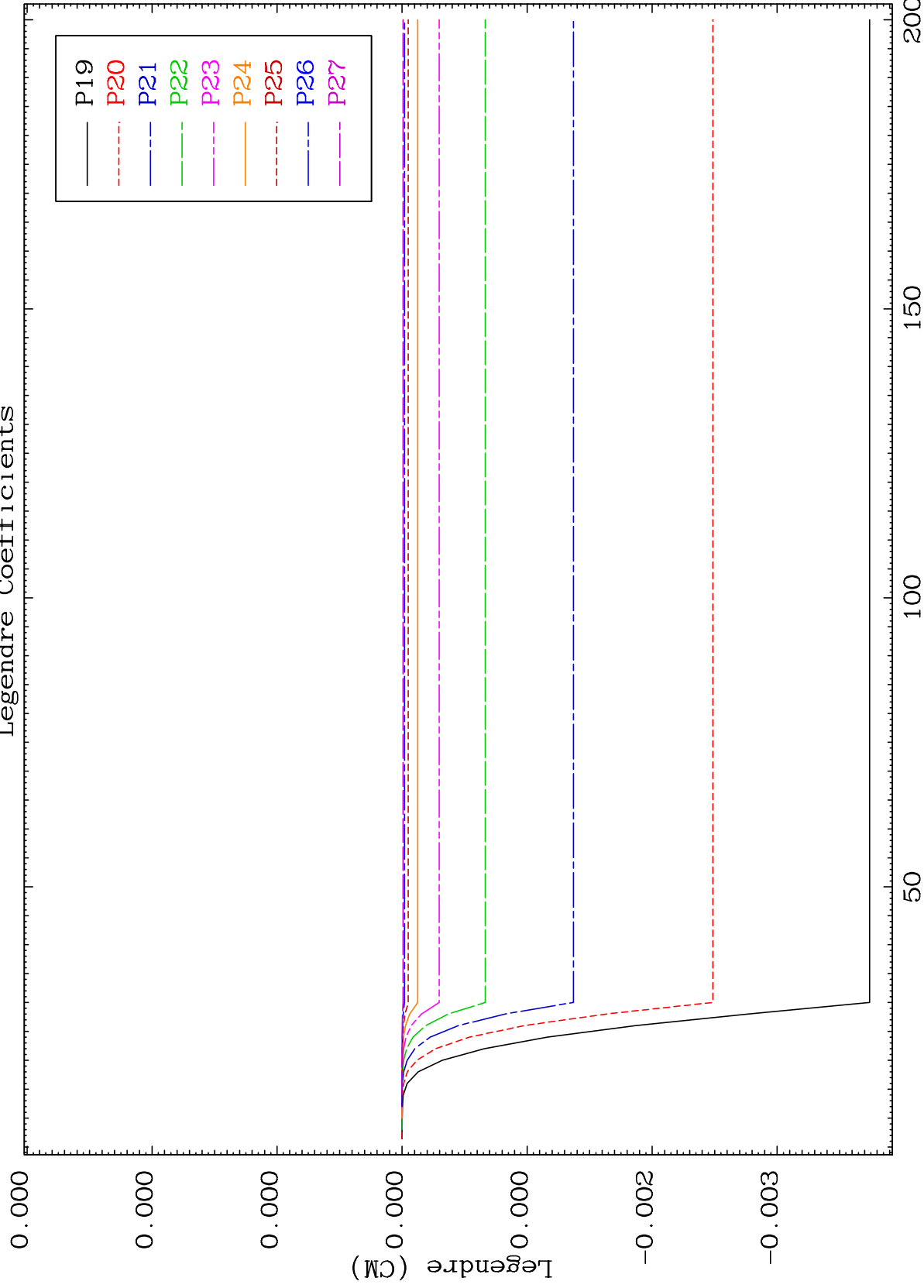


24 48-Cd-123

MAT 4876

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

48-Cd-123



25

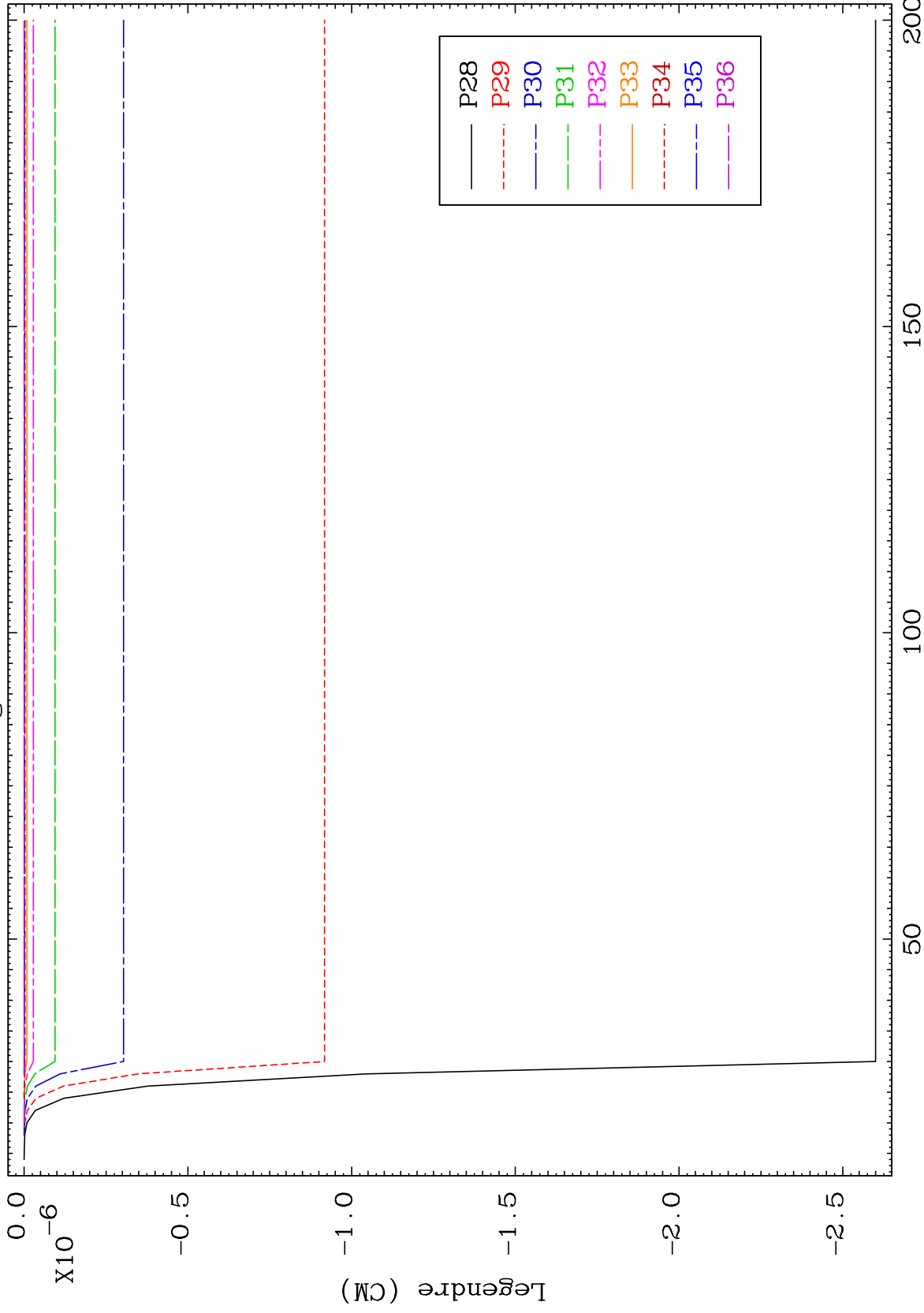
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



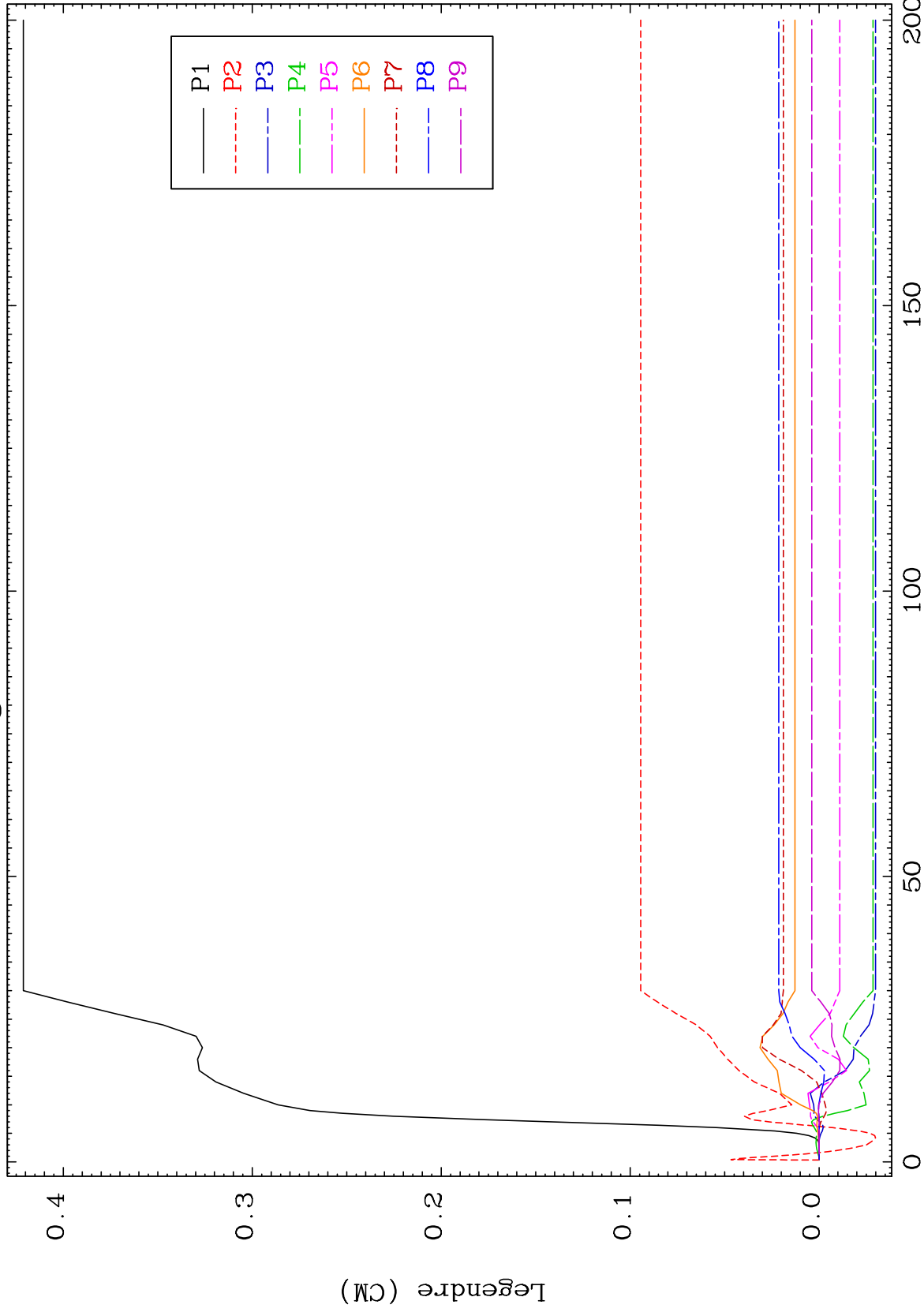
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48-Cd-123

MAT 4876

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

48-Cd-123

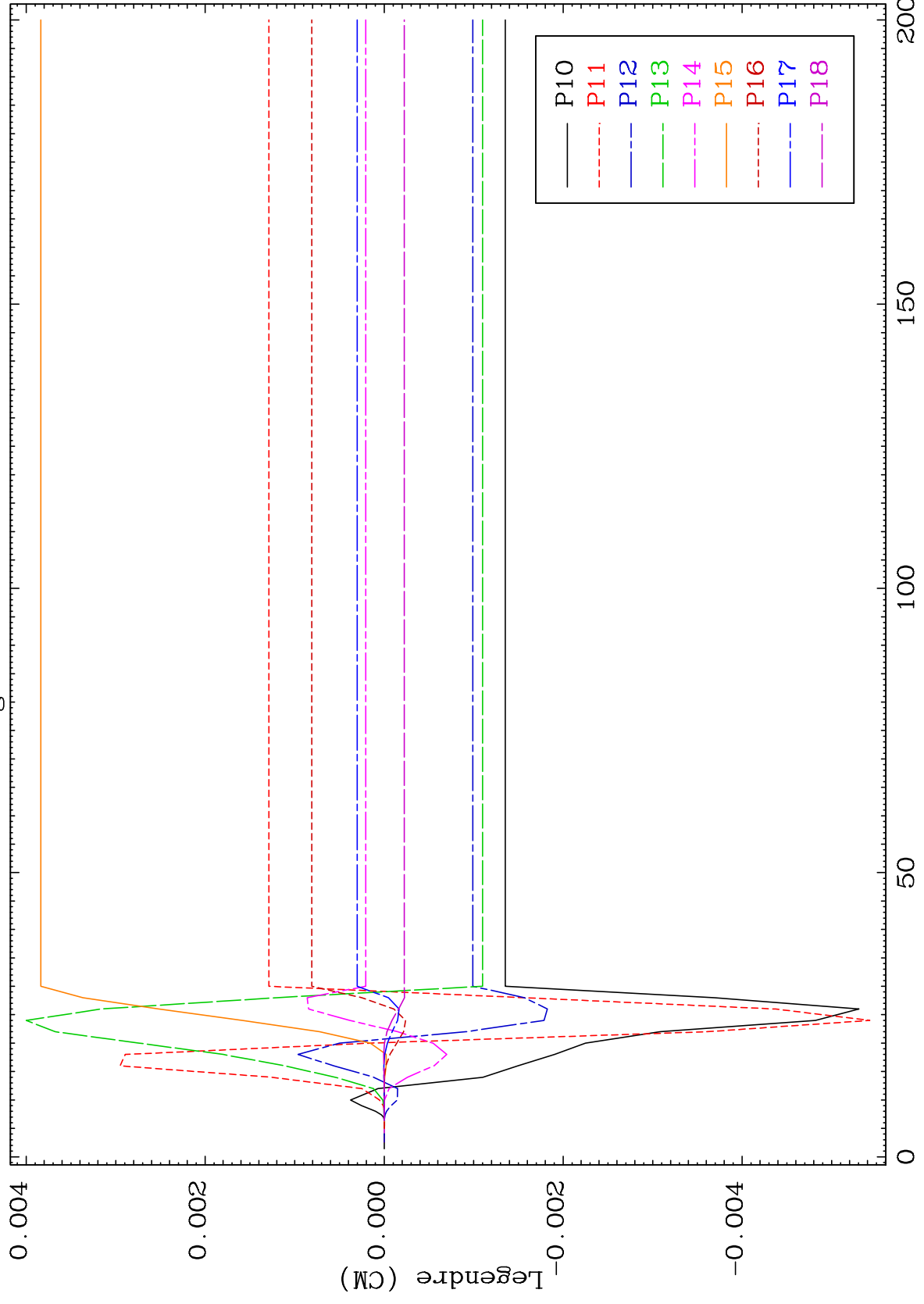


27

Incident Energy (MeV)

48-Cd-123

MAT 4876 MT= 53 (n,n') Level Legendre Coefficients 48-Cd-123

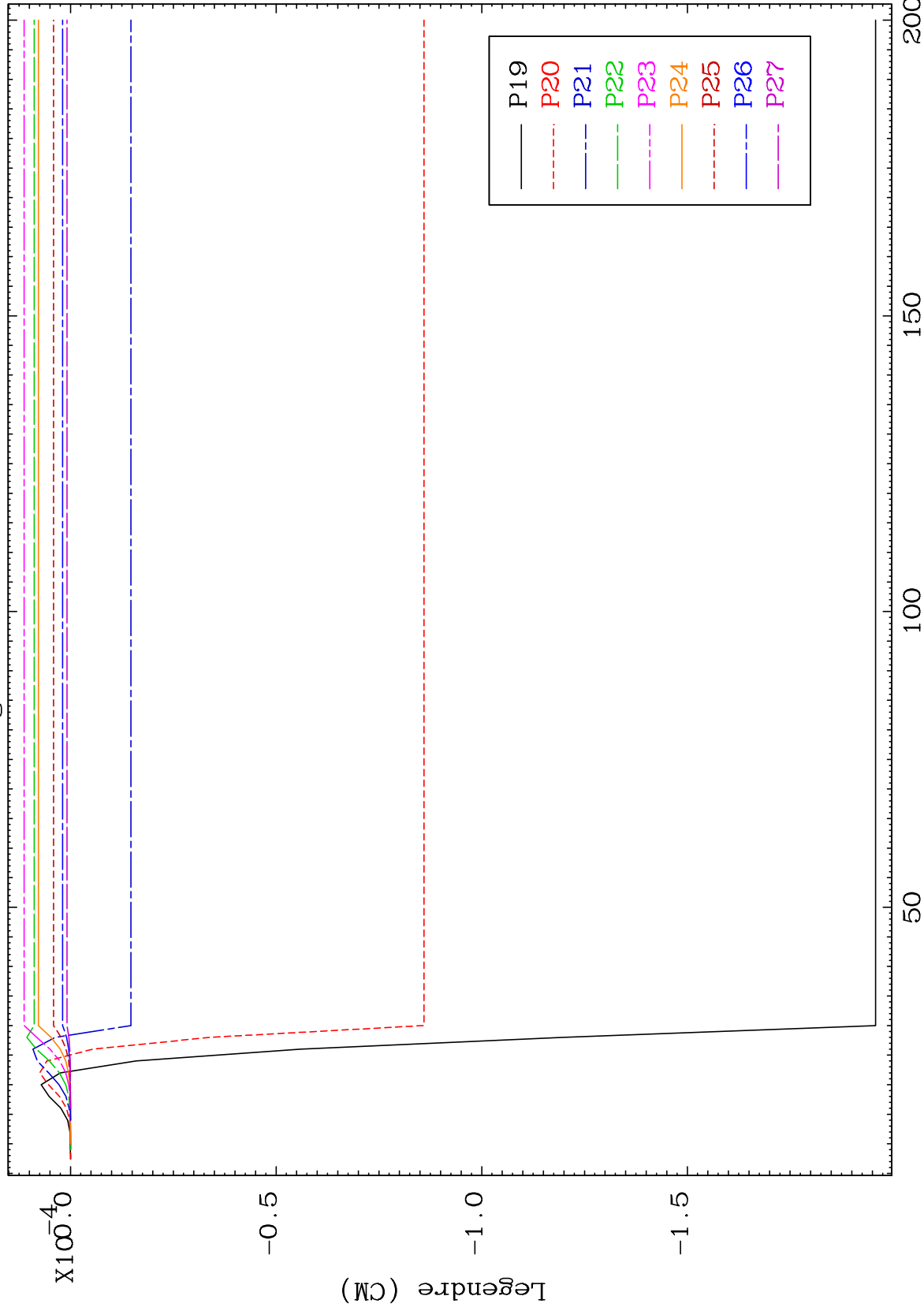


48-Cd-123

MAT 4876

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

48-Cd-123



29

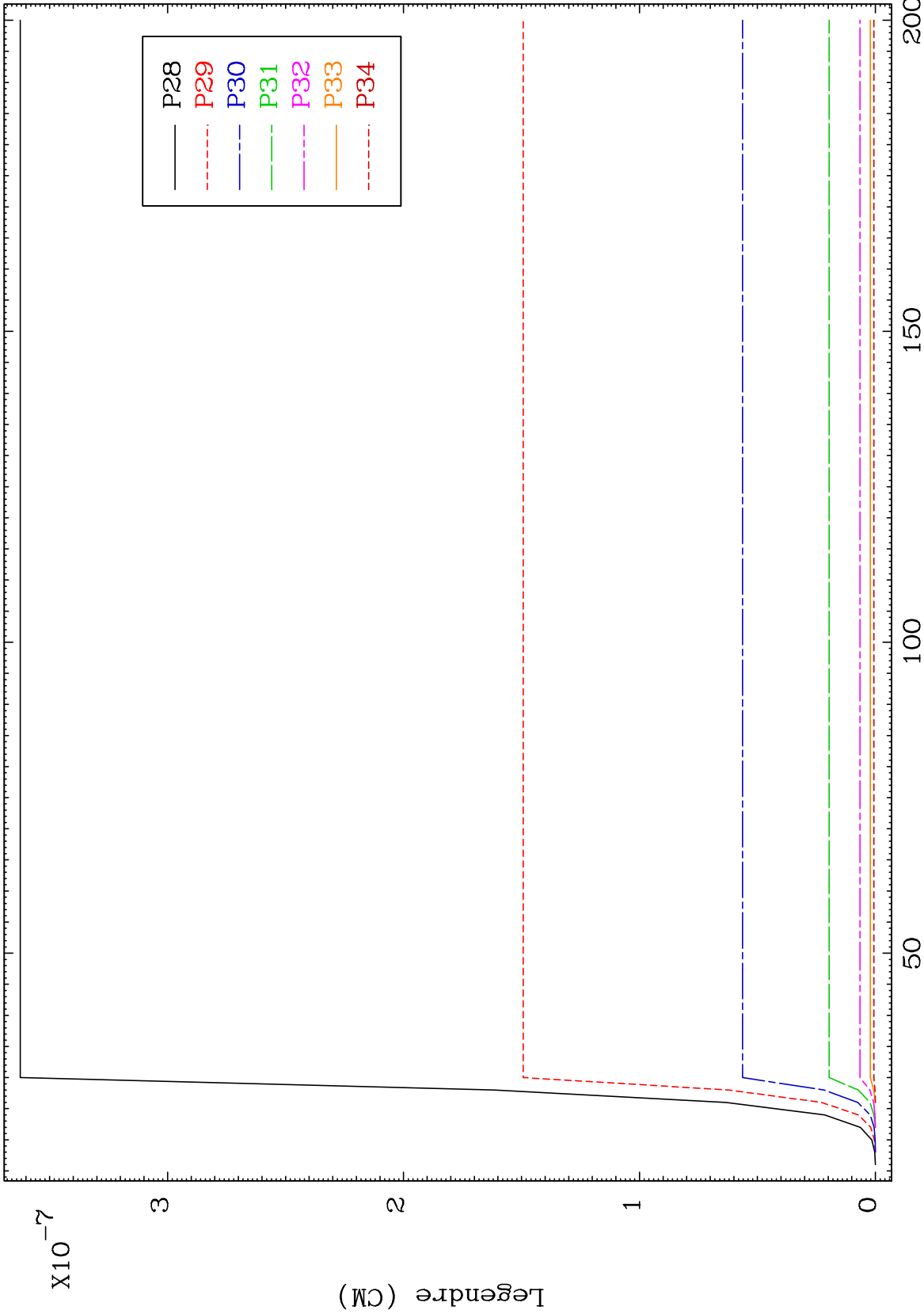
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



30

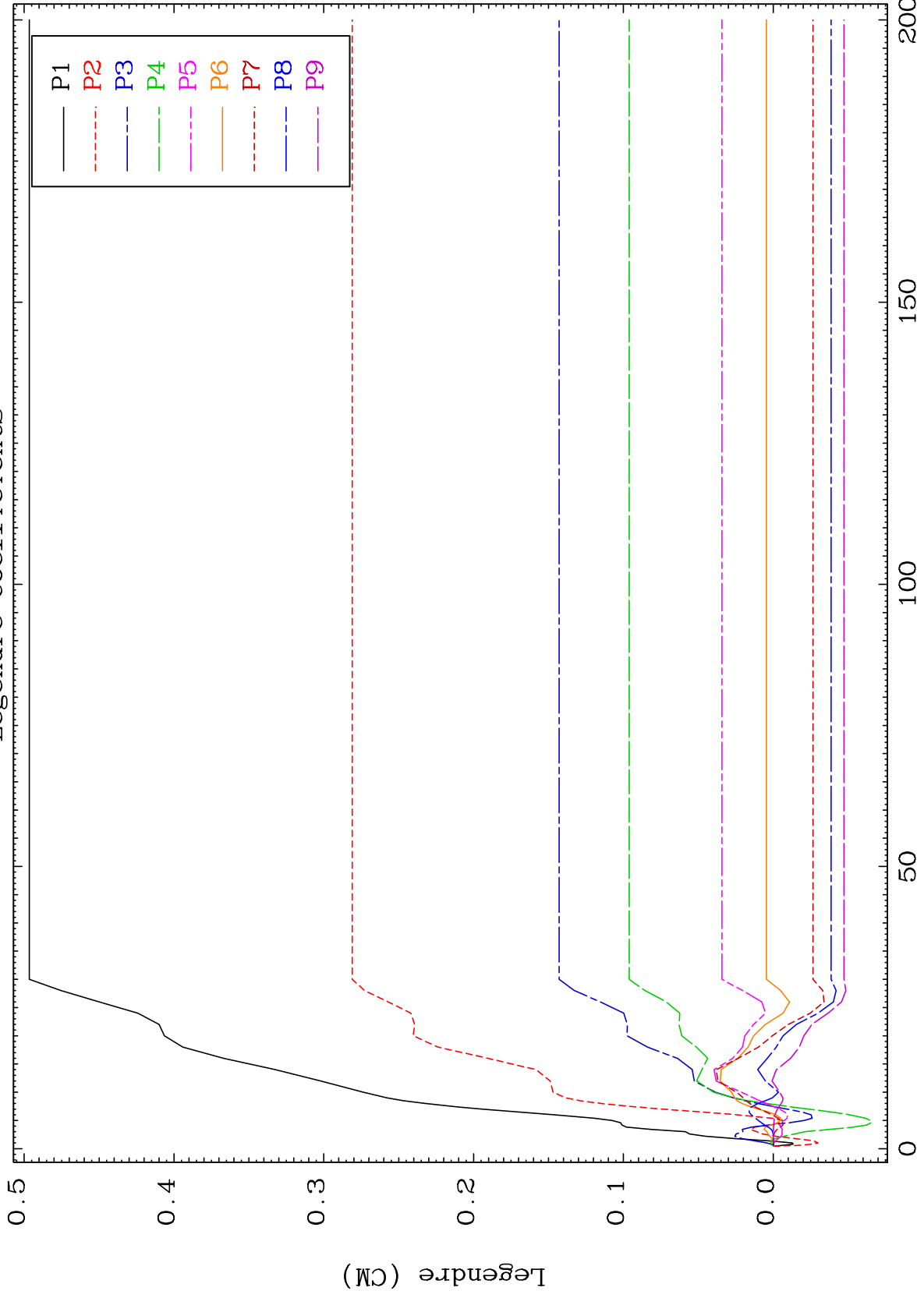
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123

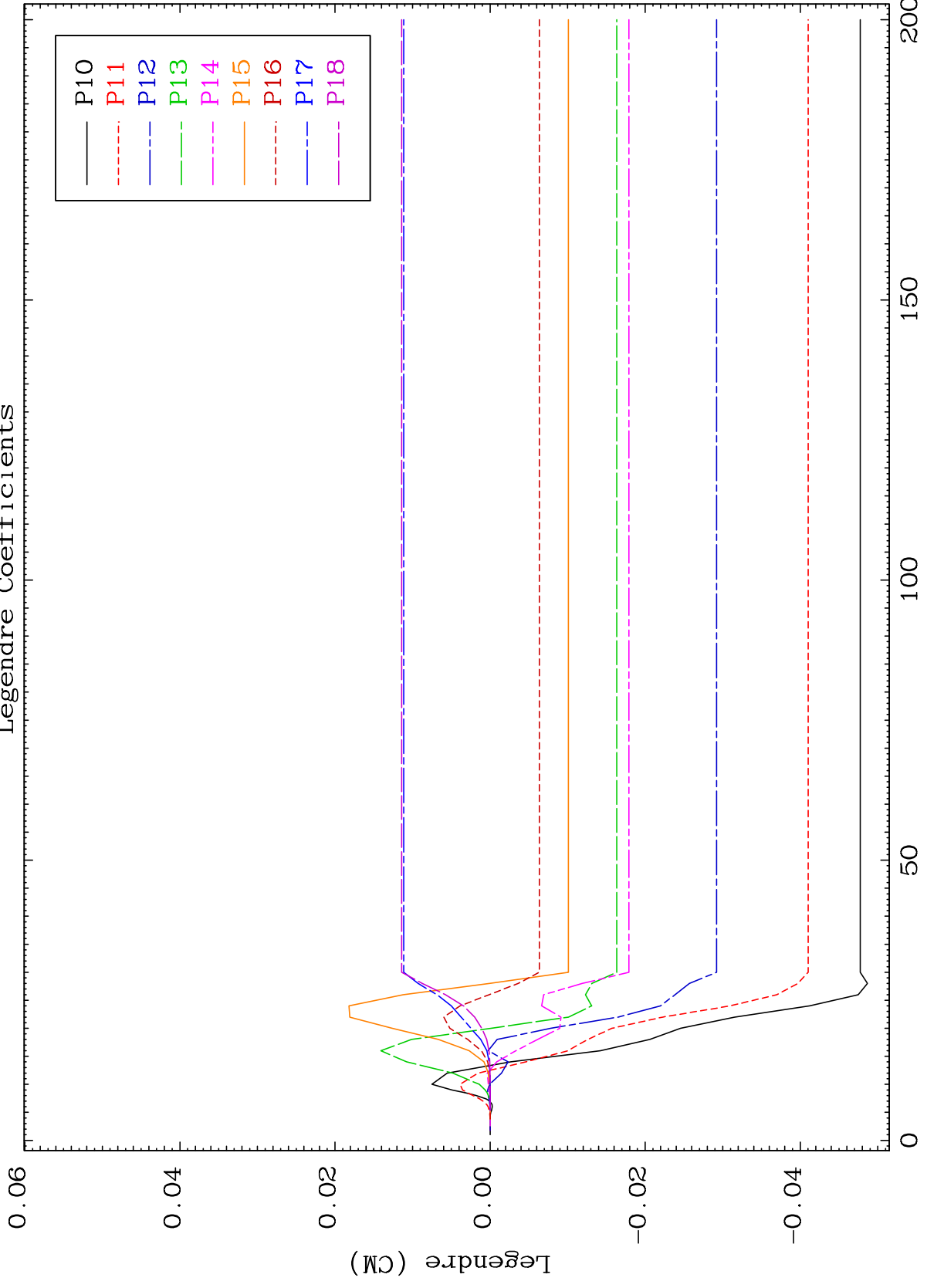


48-Cd-123

Incident Energy (MeV)

31

MAT 4876 MT= 54 (n,n') Level Legendre Coefficients 48-Cd-123

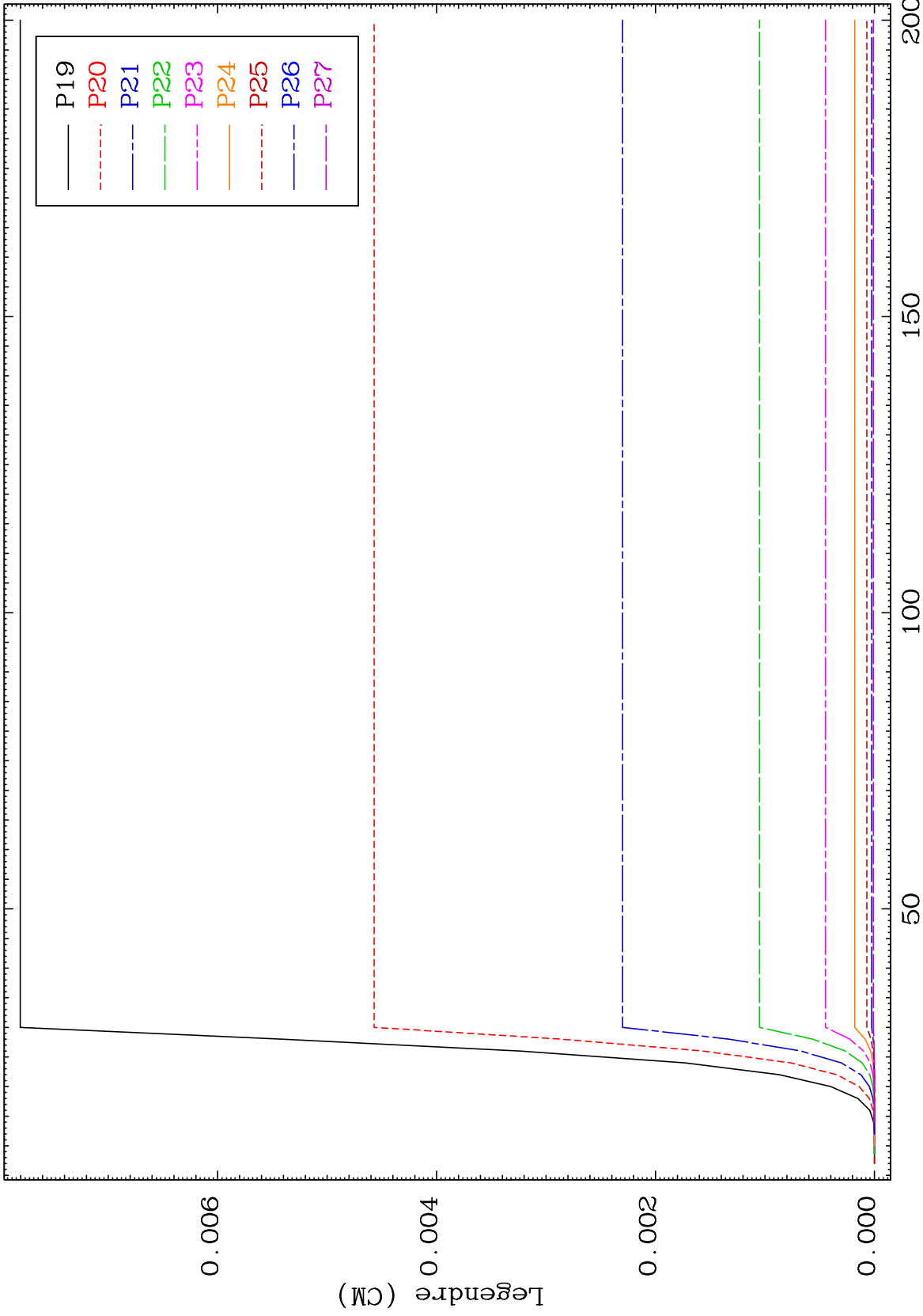


32 48-Cd-123

MAT 4876

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

48-Cd-123



33

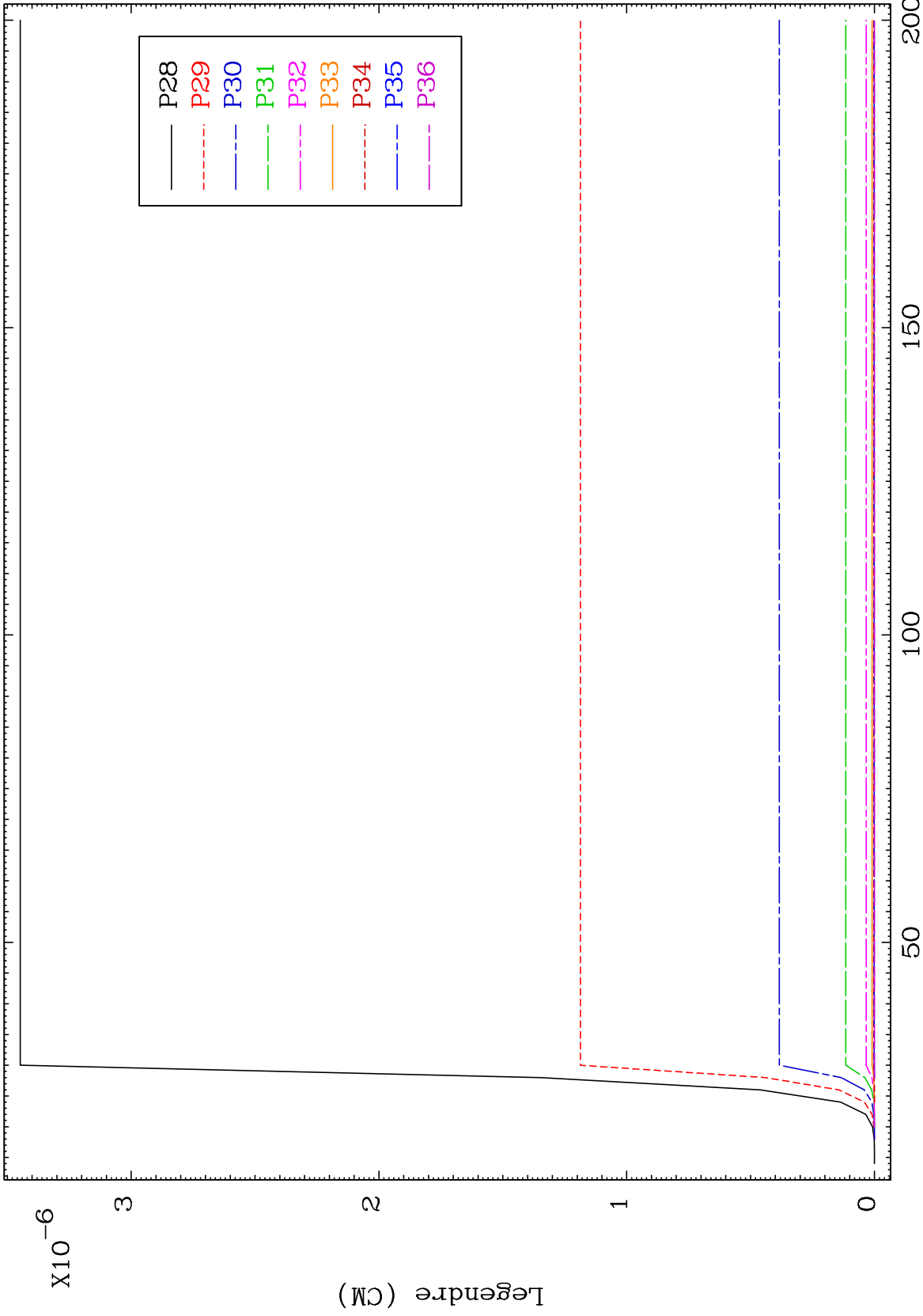
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



34

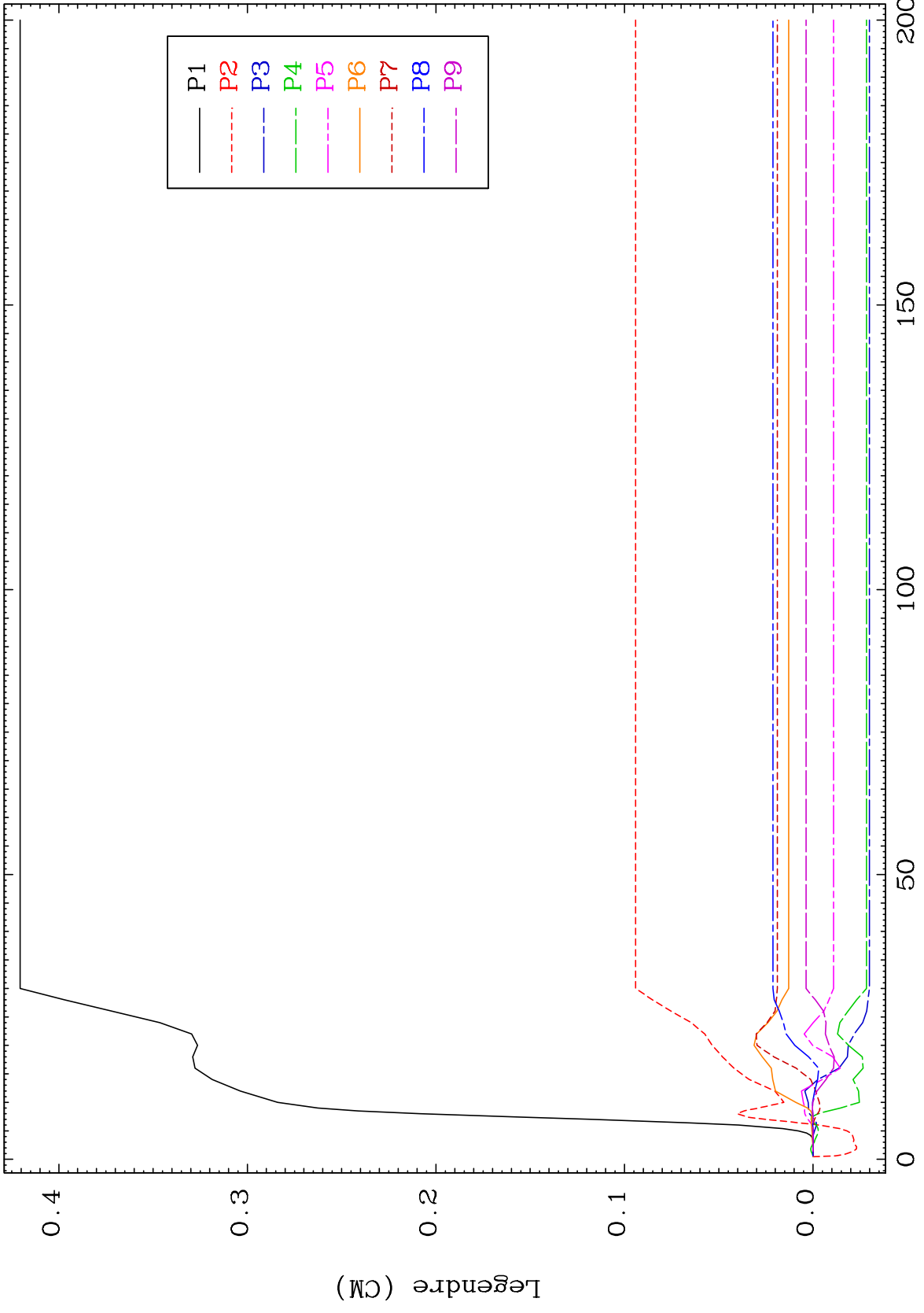
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123

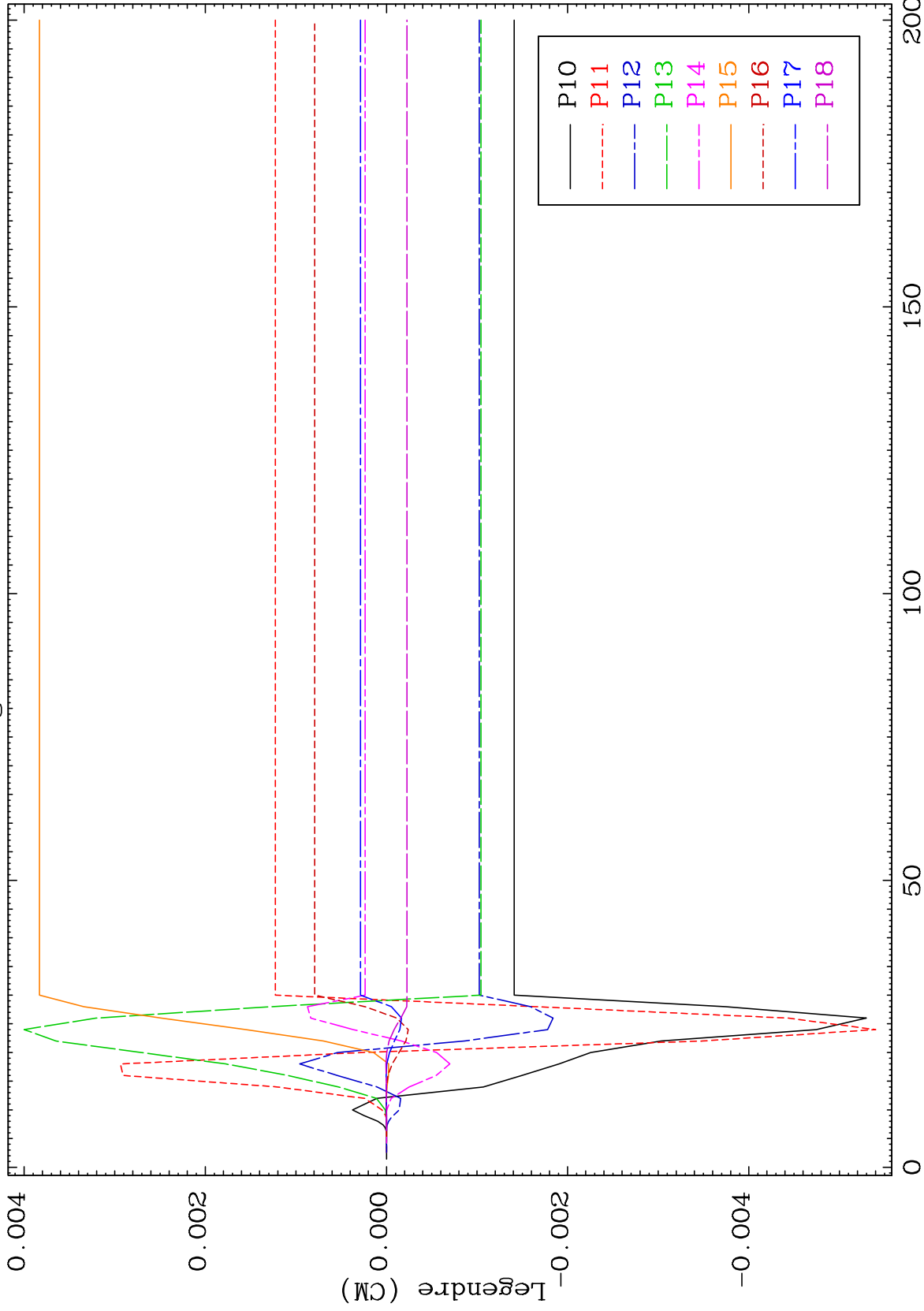


35

Incident Energy (MeV)

48-Cd-123

MAT 4876 MT= 55 (n,n') Level Legendre Coefficients 48-Cd-123

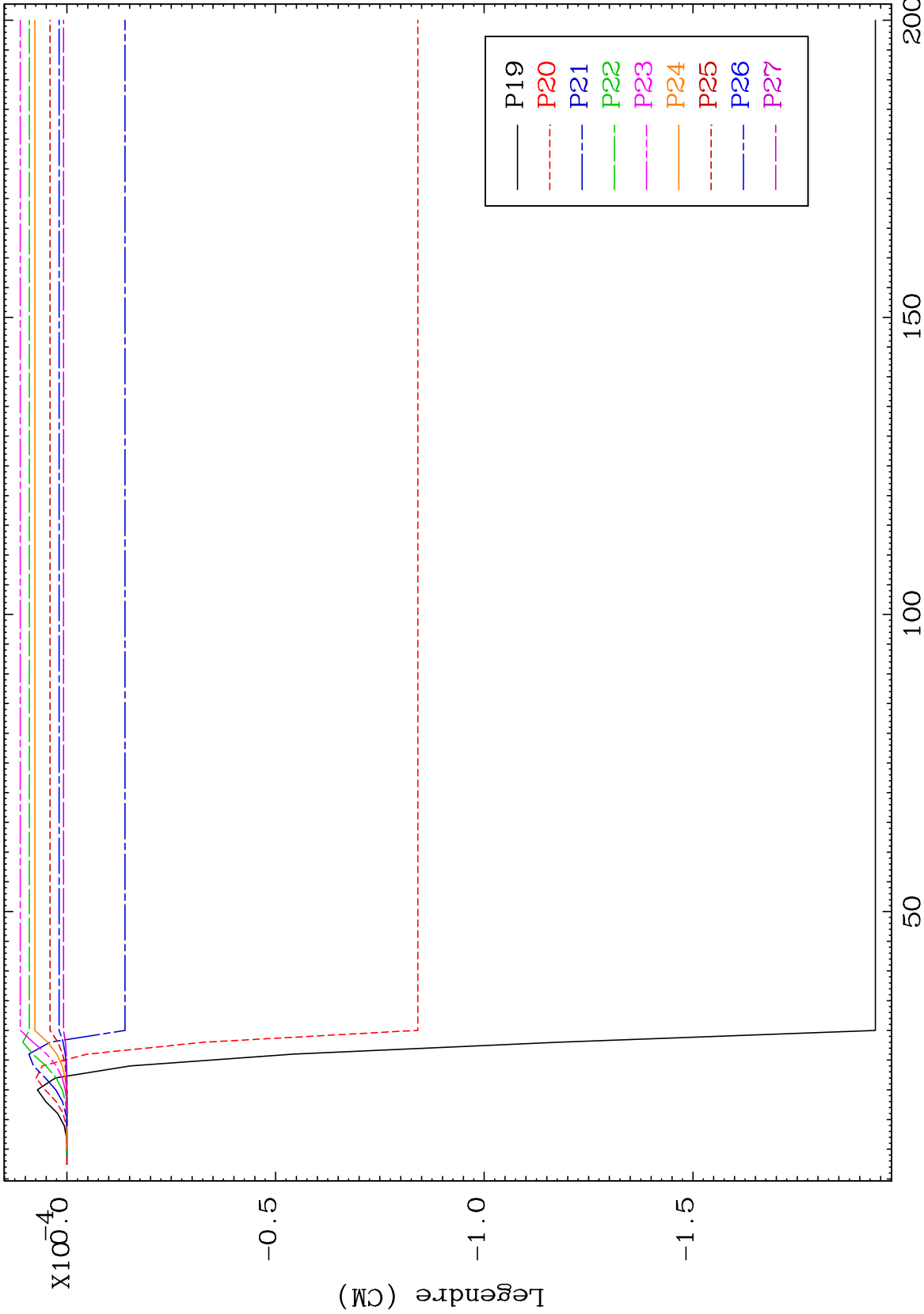


36 48-Cd-123

MAT 4876

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

48-Cd-123



37

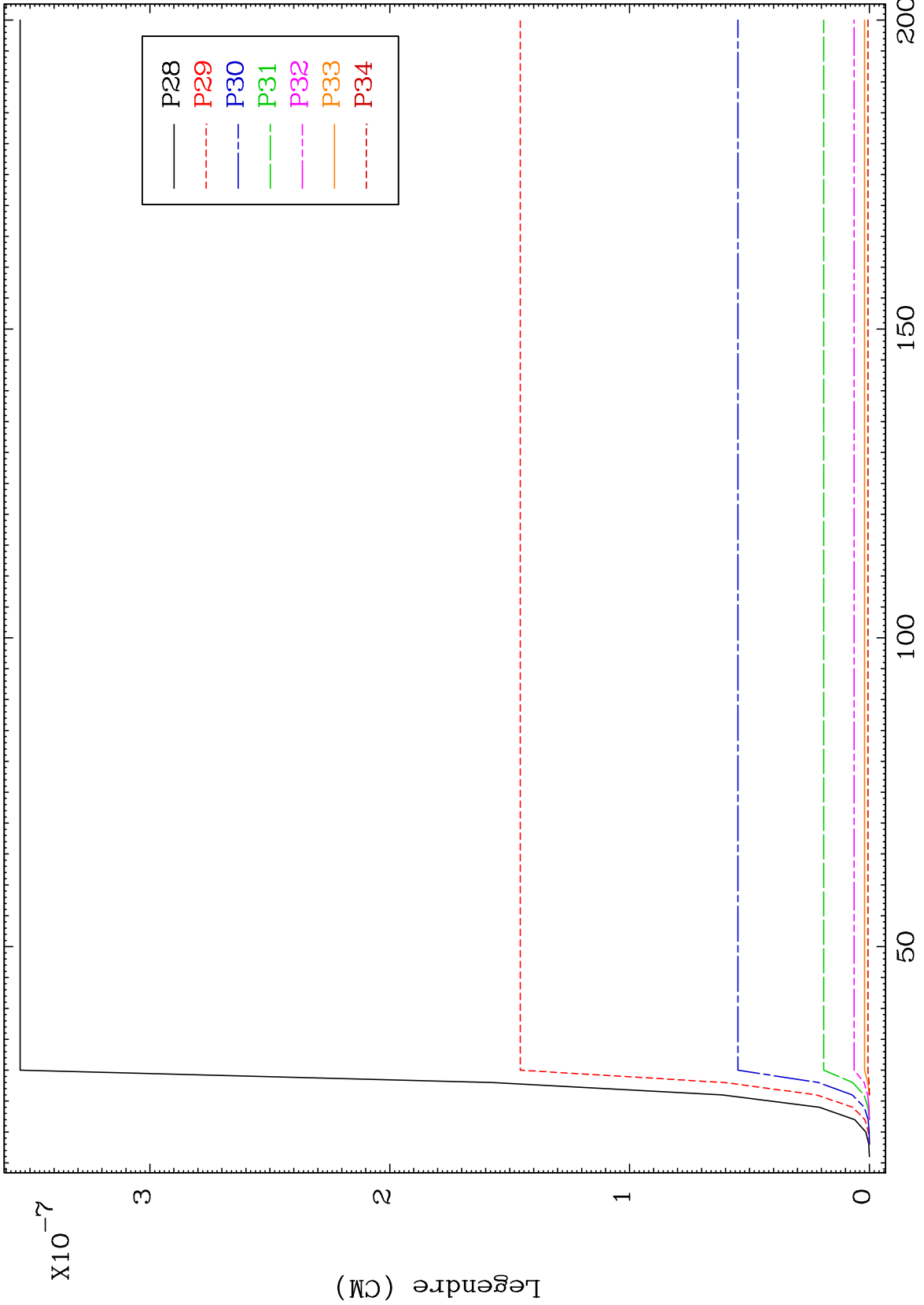
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123

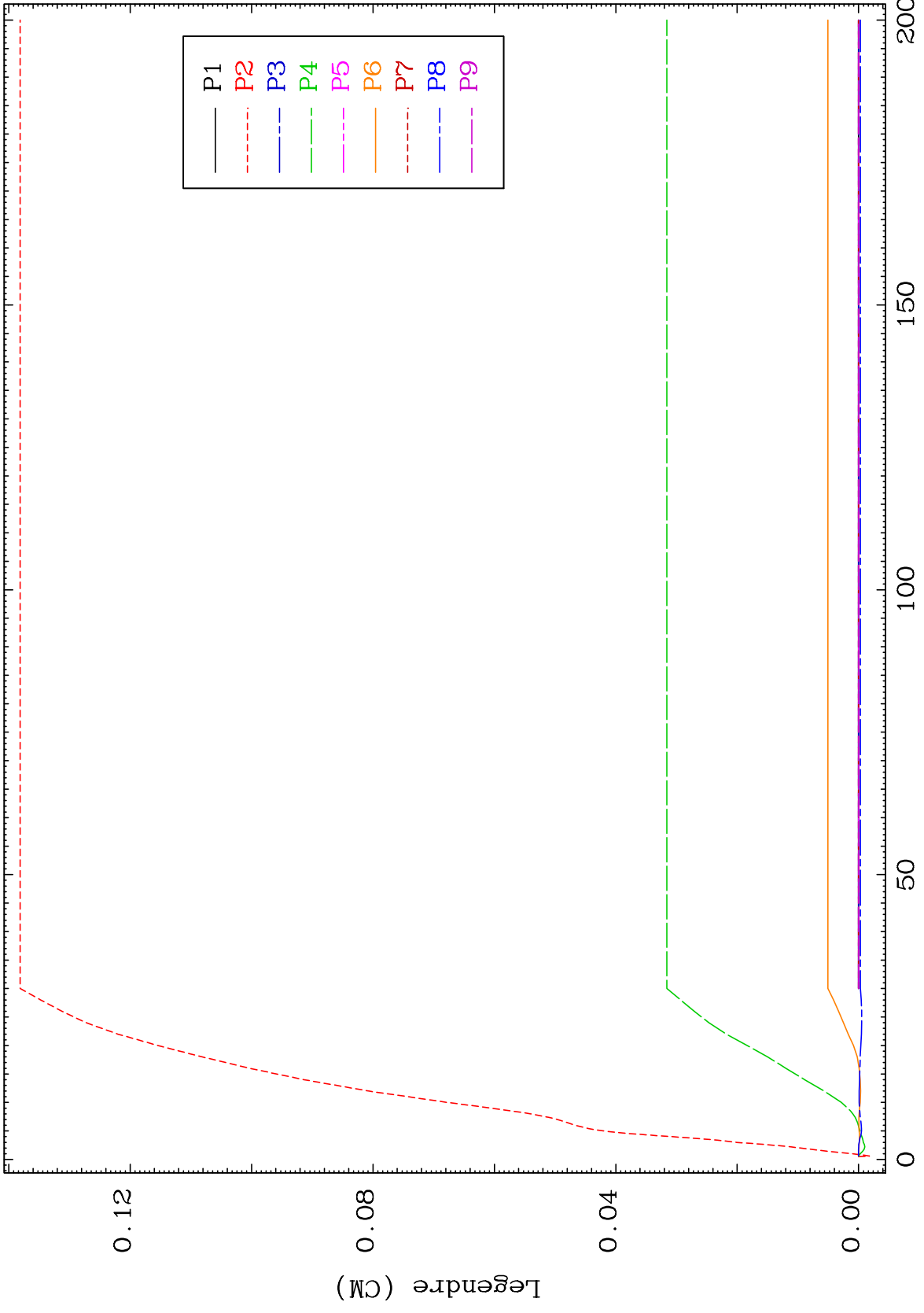


38

Incident Energy (MeV)

48-Cd-123

MAT 4876 MT= 56 (n,n') Level Legendre Coefficients 48-Cd-123

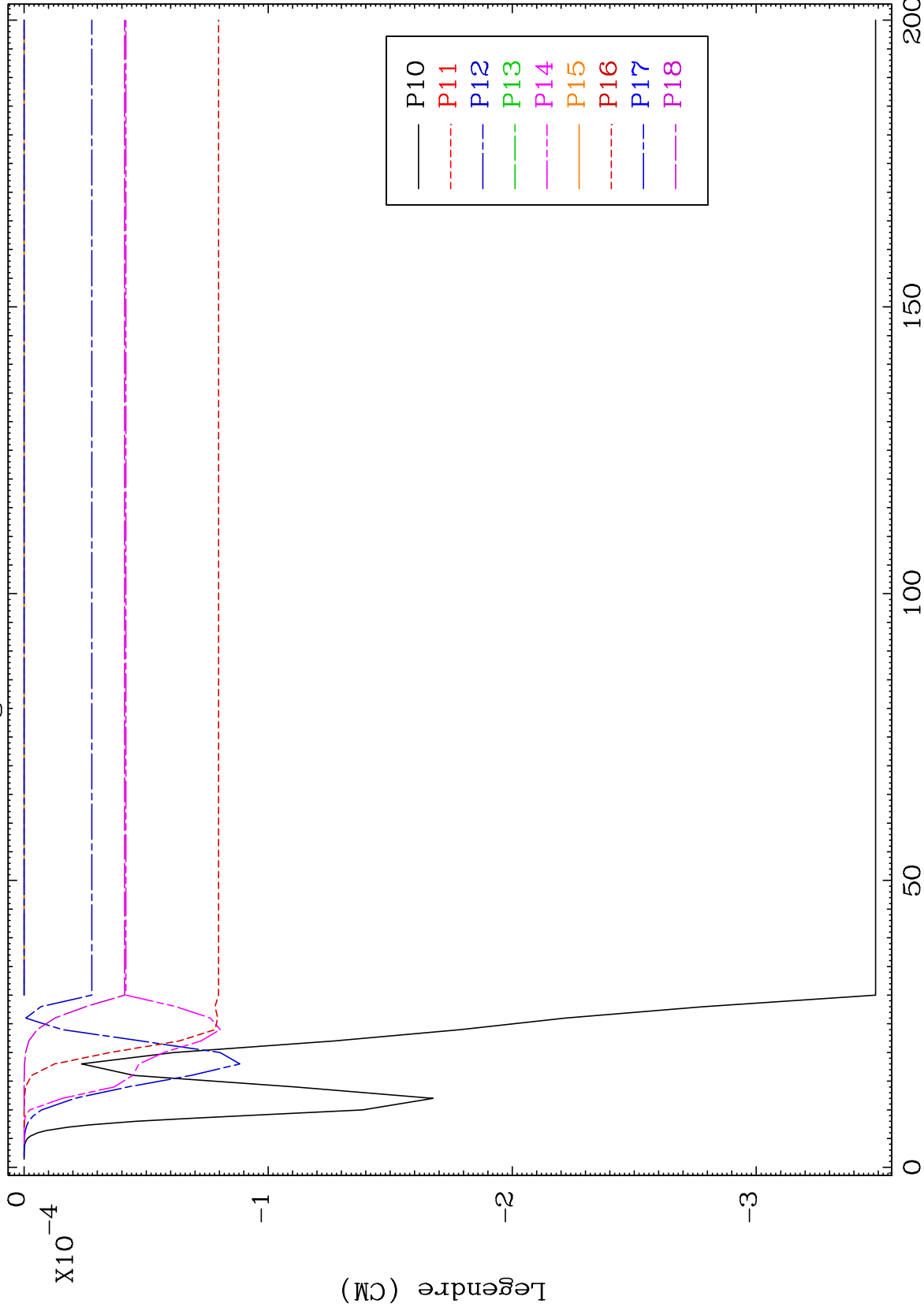


39 Incident Energy (MeV) 48-Cd-123

MAT 4876

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

48-Cd-123



40

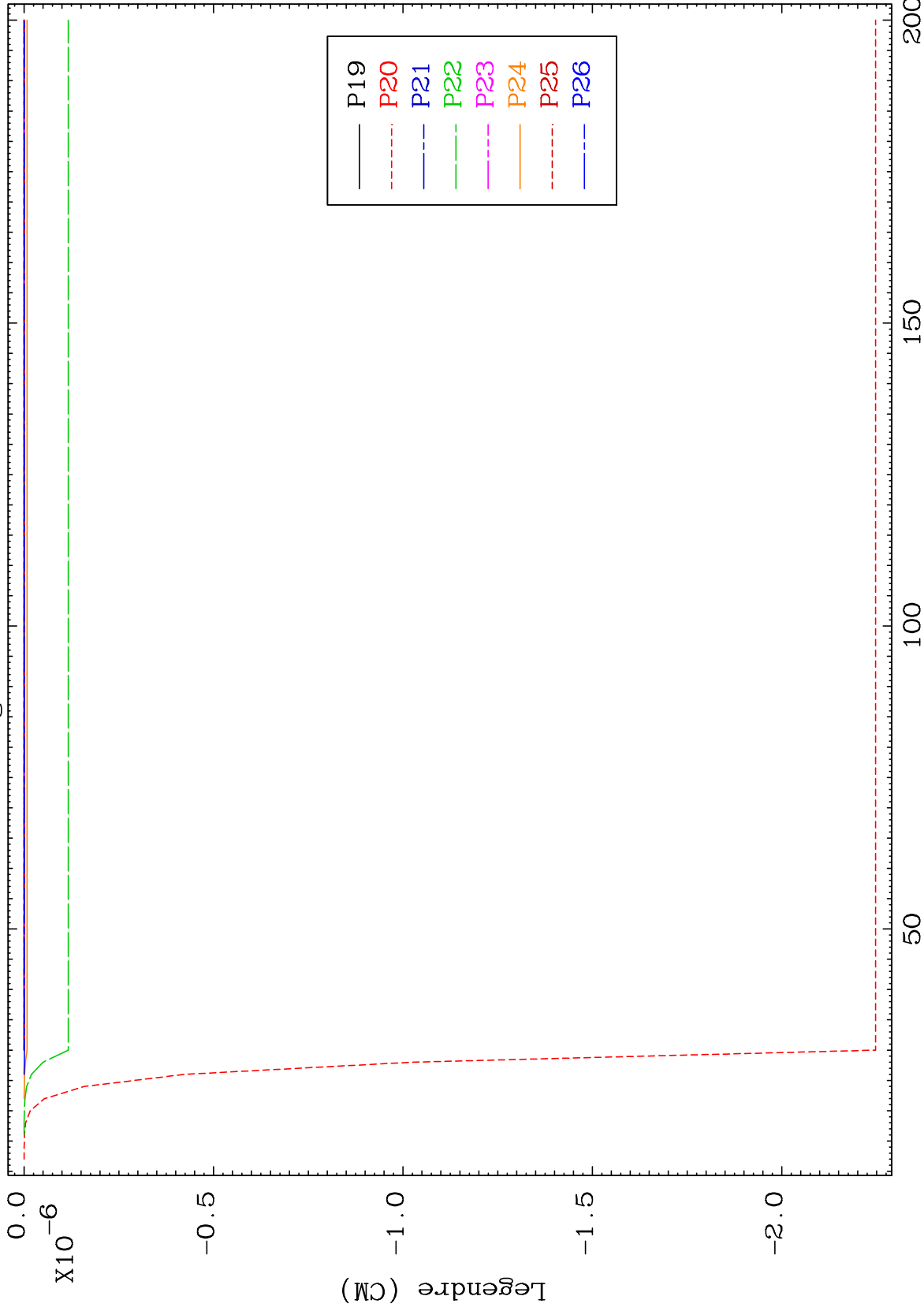
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



48-Cd-123

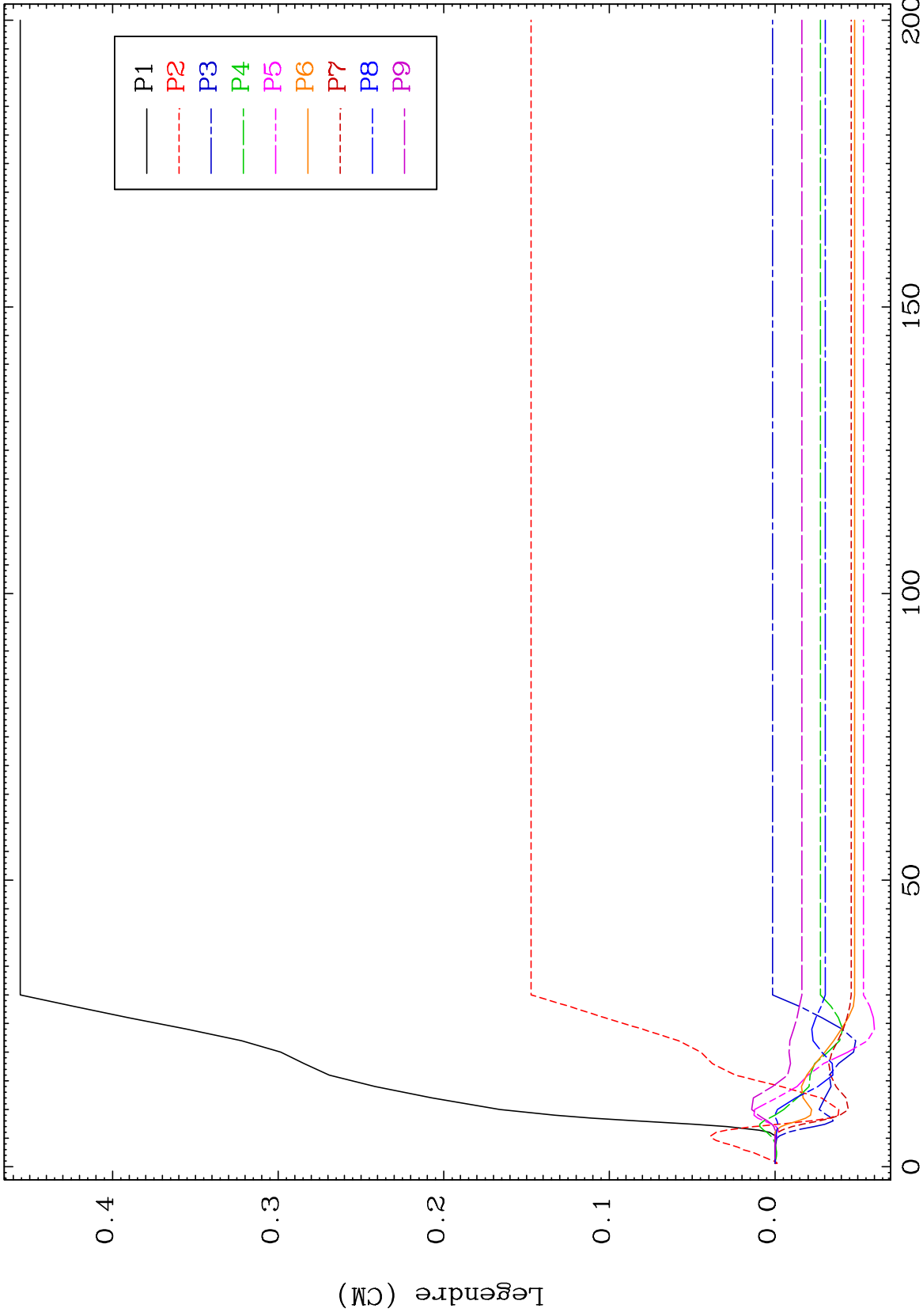
Incident Energy (MeV)

41

MAT 4876

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

48-Cd-123

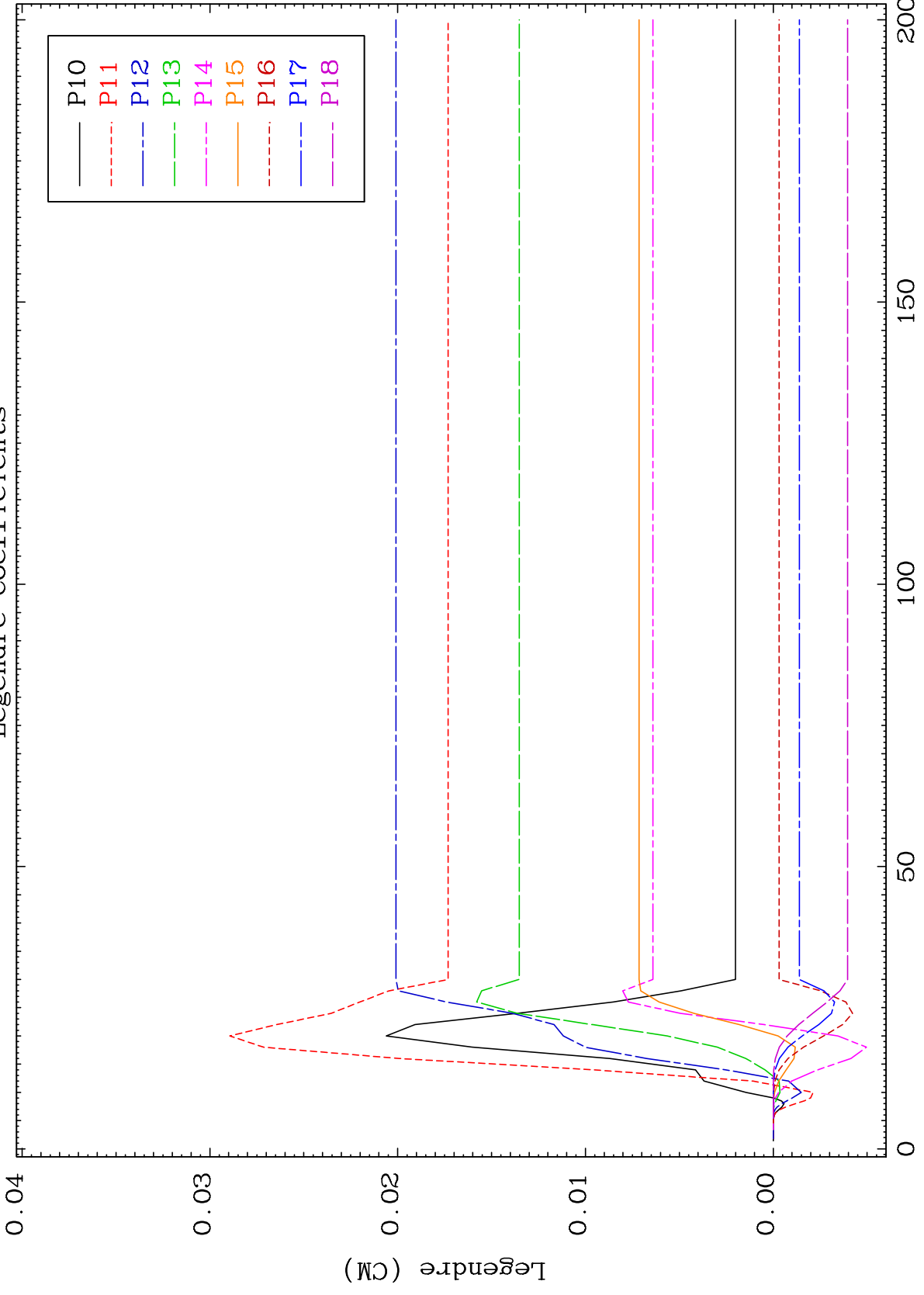


42

Incident Energy (MeV)

48-Cd-123

MAT 4876 MT= 57 (n,n') Level Legendre Coefficients 48-Cd-123

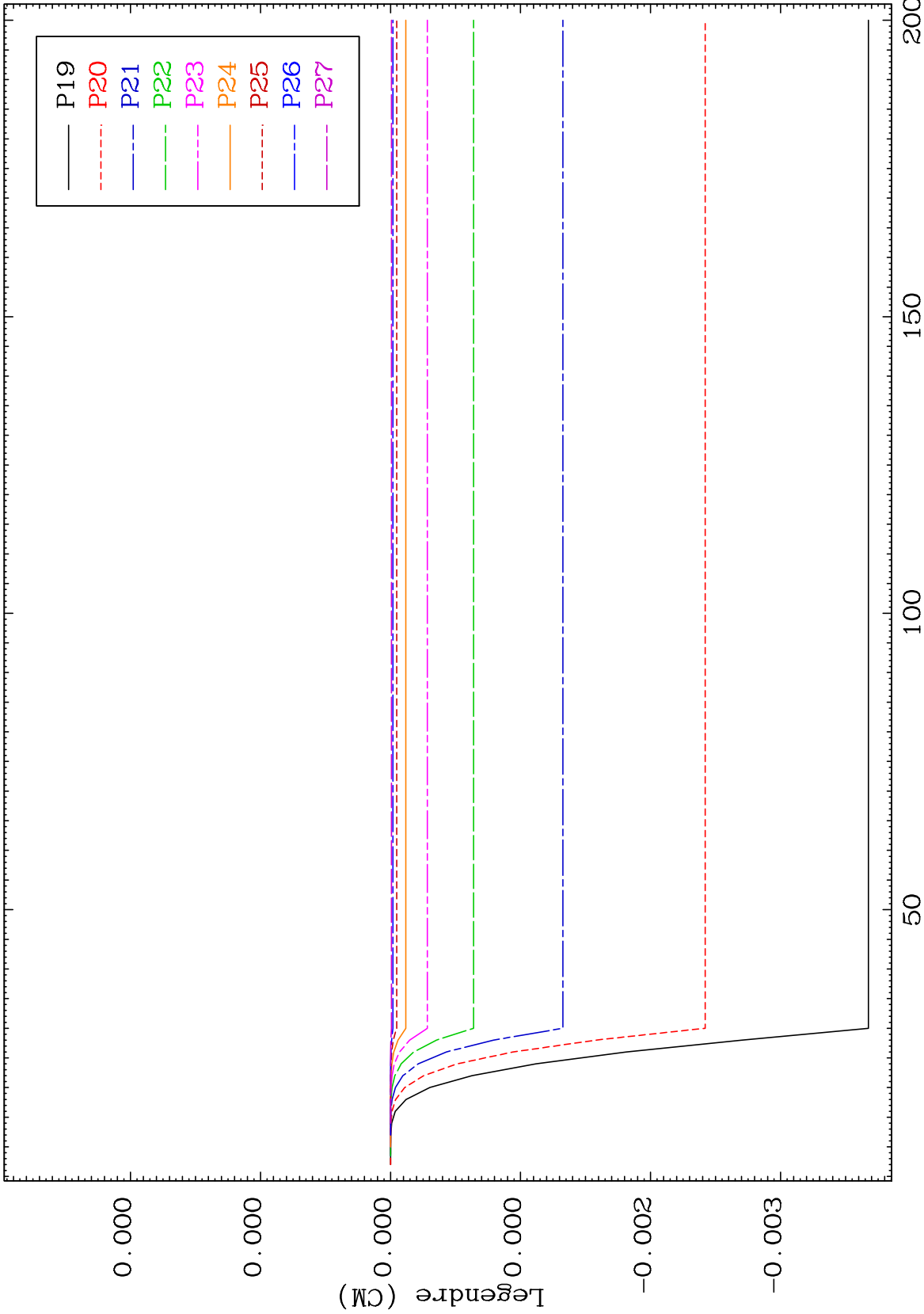


43 48-Cd-123

MAT 4876

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

48-Cd-123



44

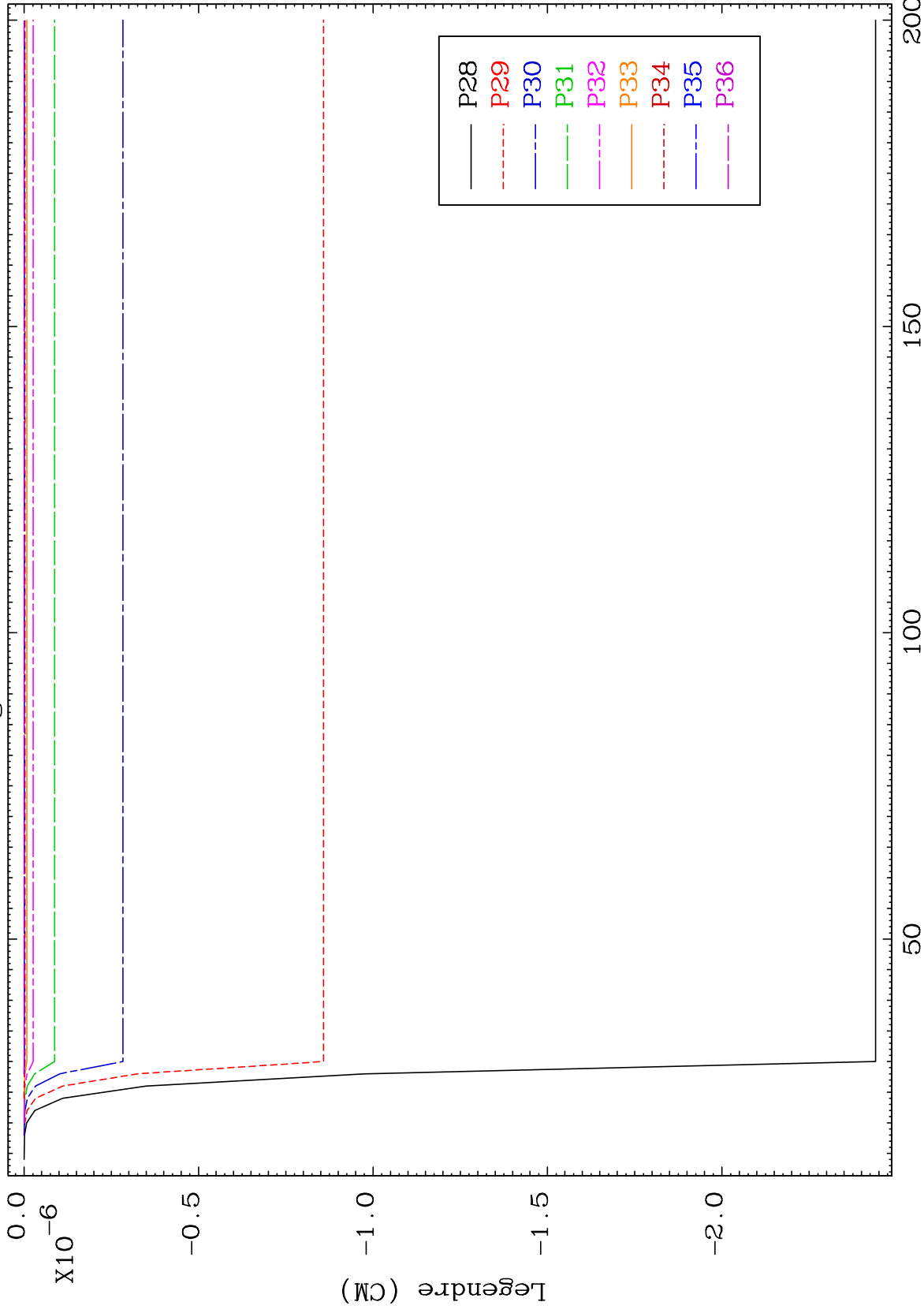
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



48-Cd-123

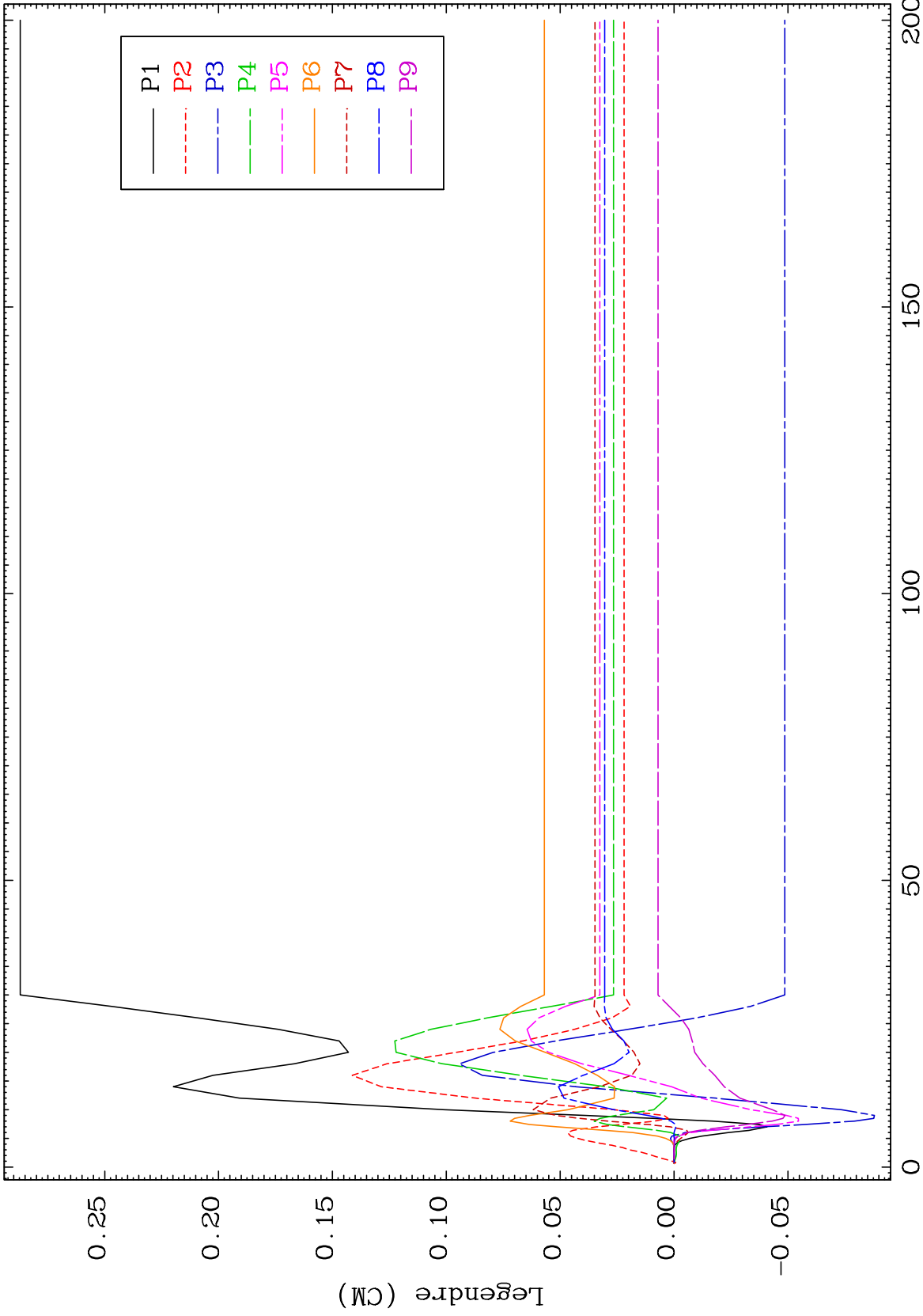
Incident Energy (MeV)

45

MAT 4876

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

48-Cd-123



46

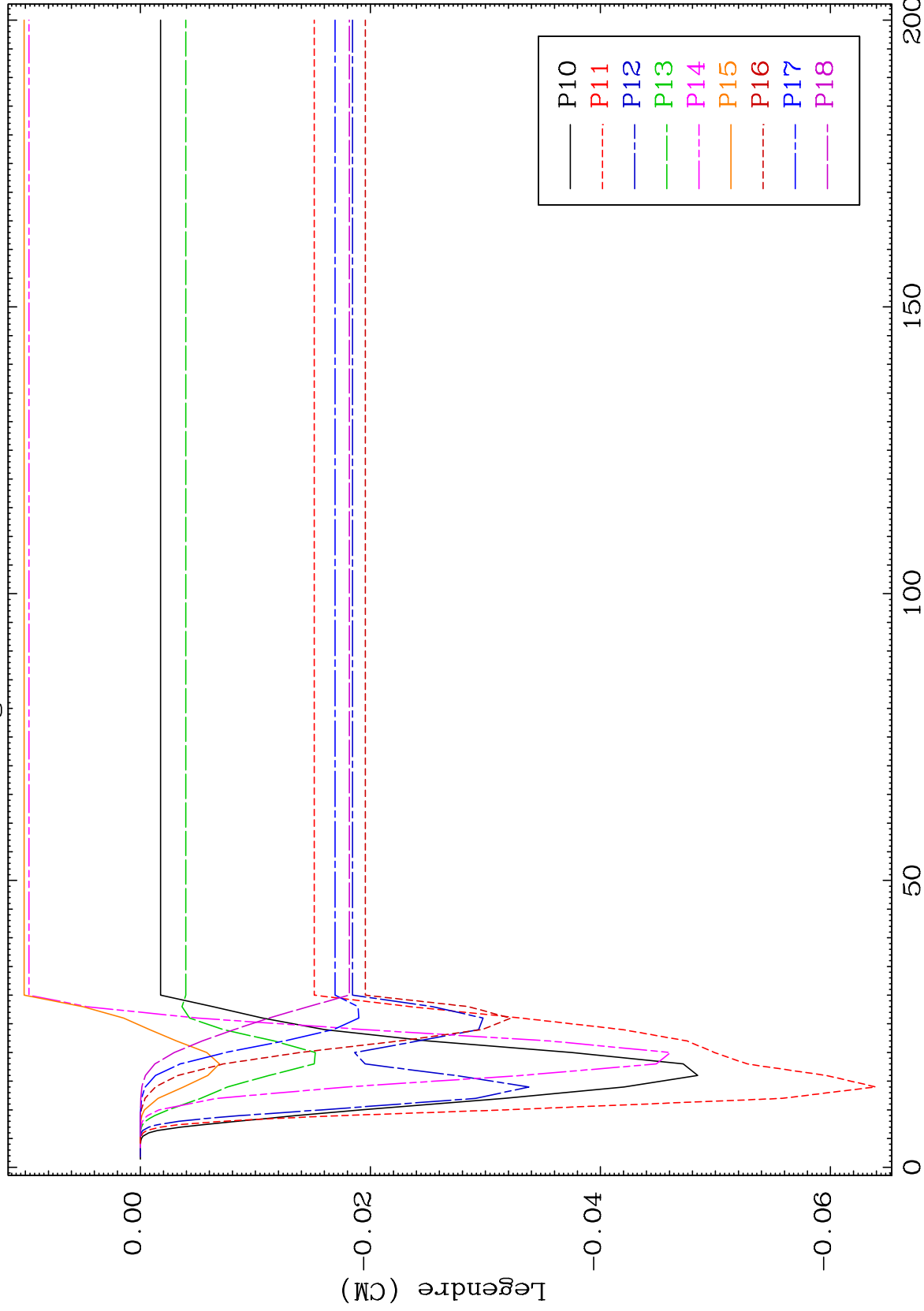
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



47

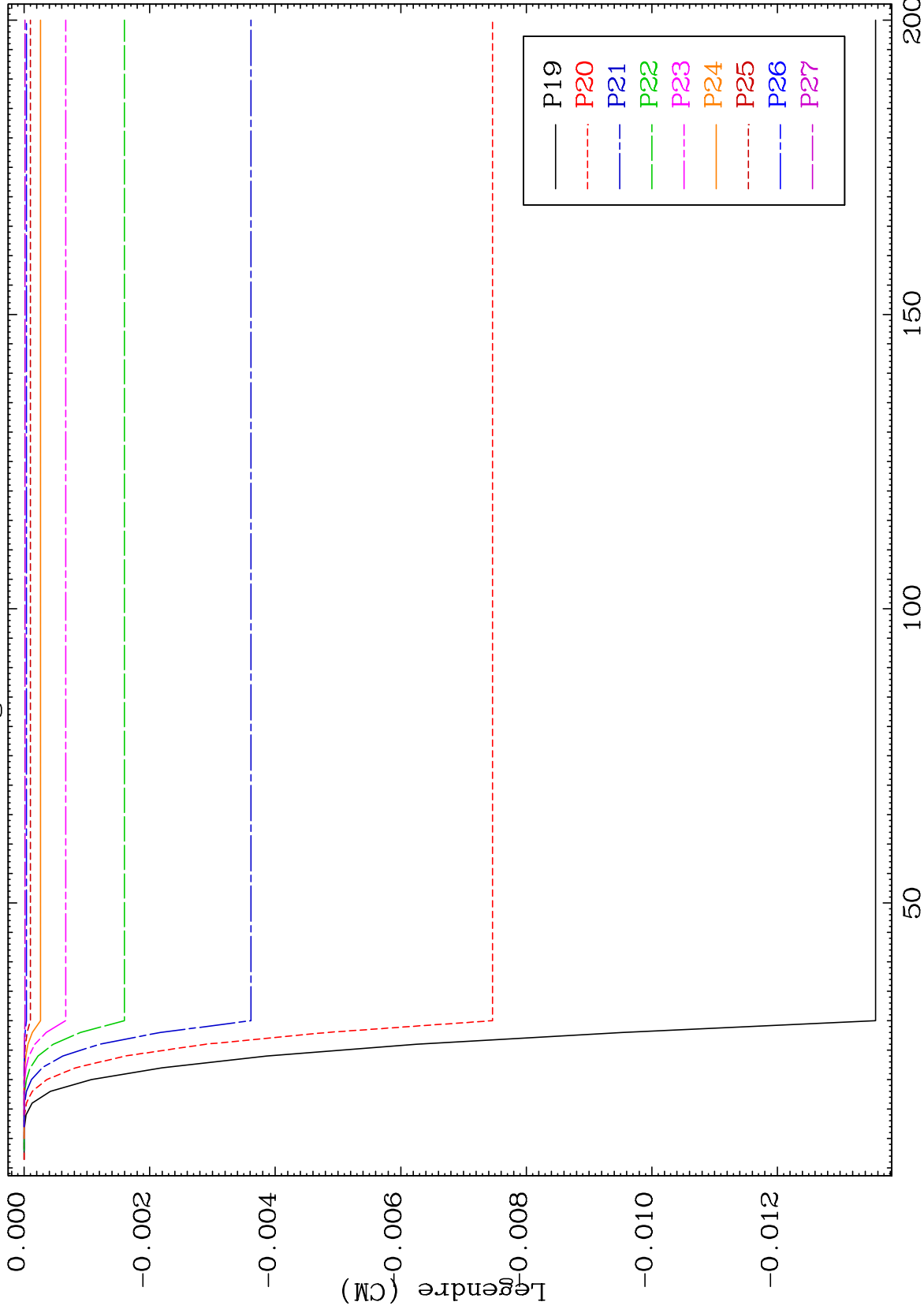
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



48-Cd-123

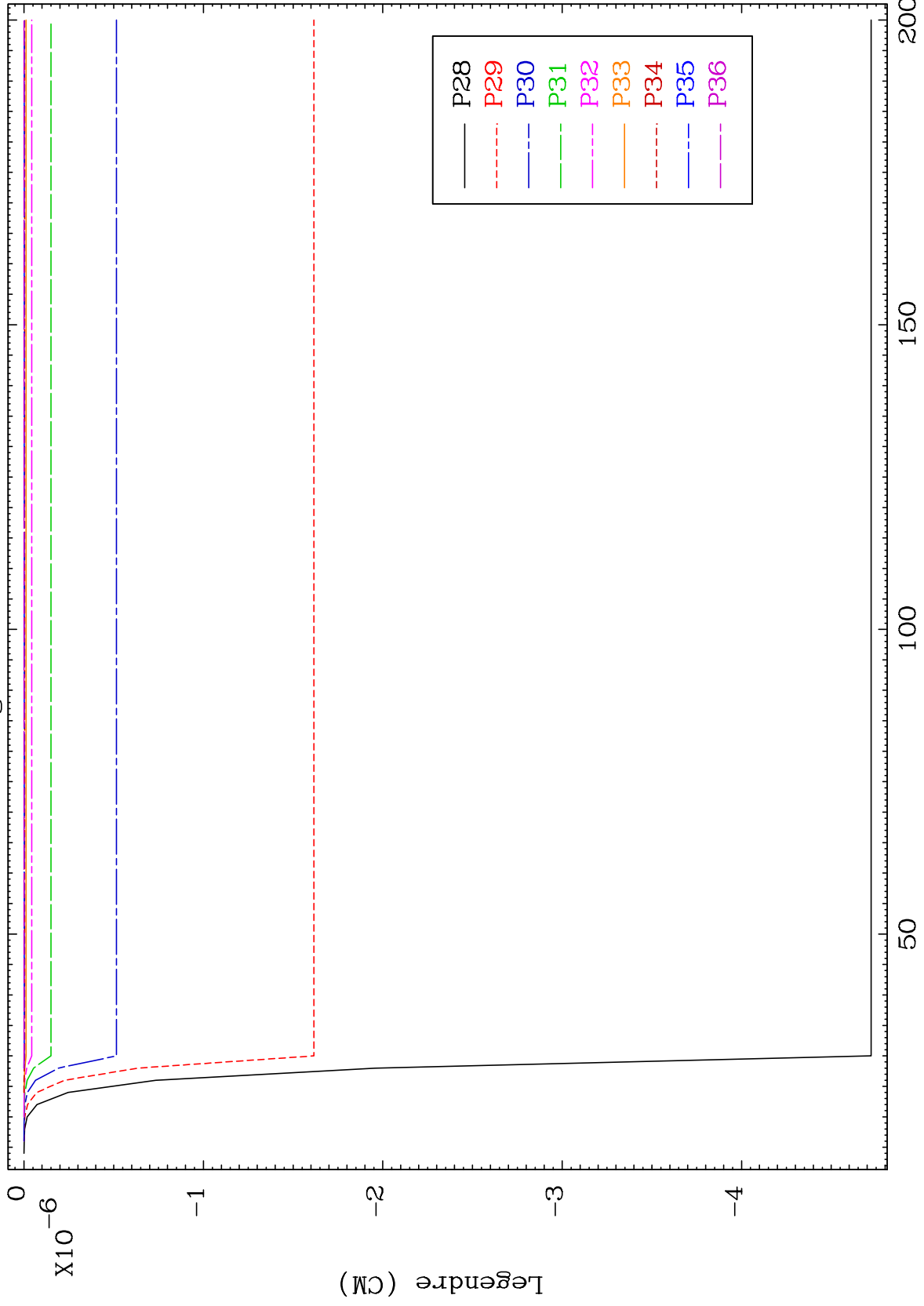
Incident Energy (MeV)

48

MAT 4876

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

48-Cd-123

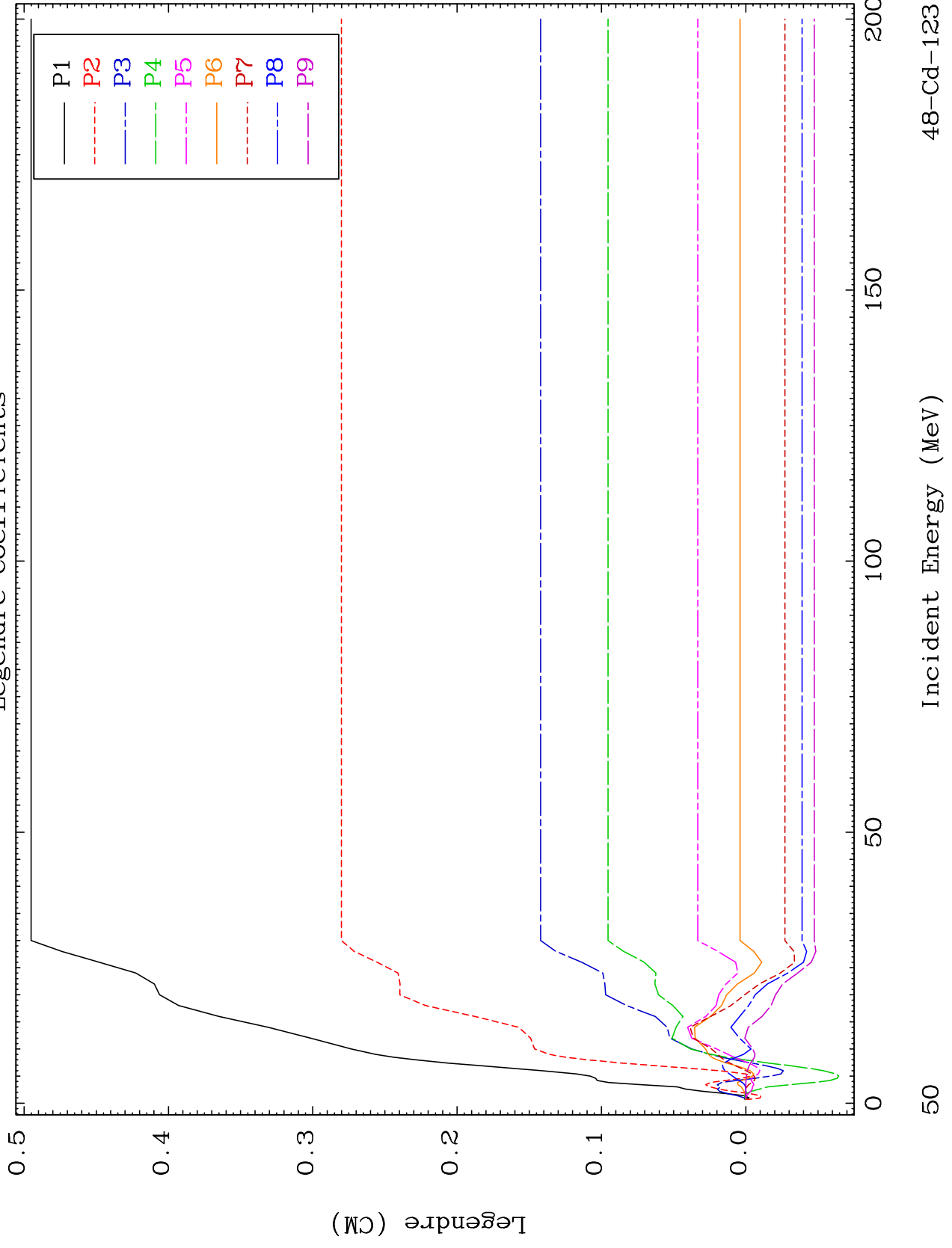


48-Cd-123

Incident Energy (MeV)

49

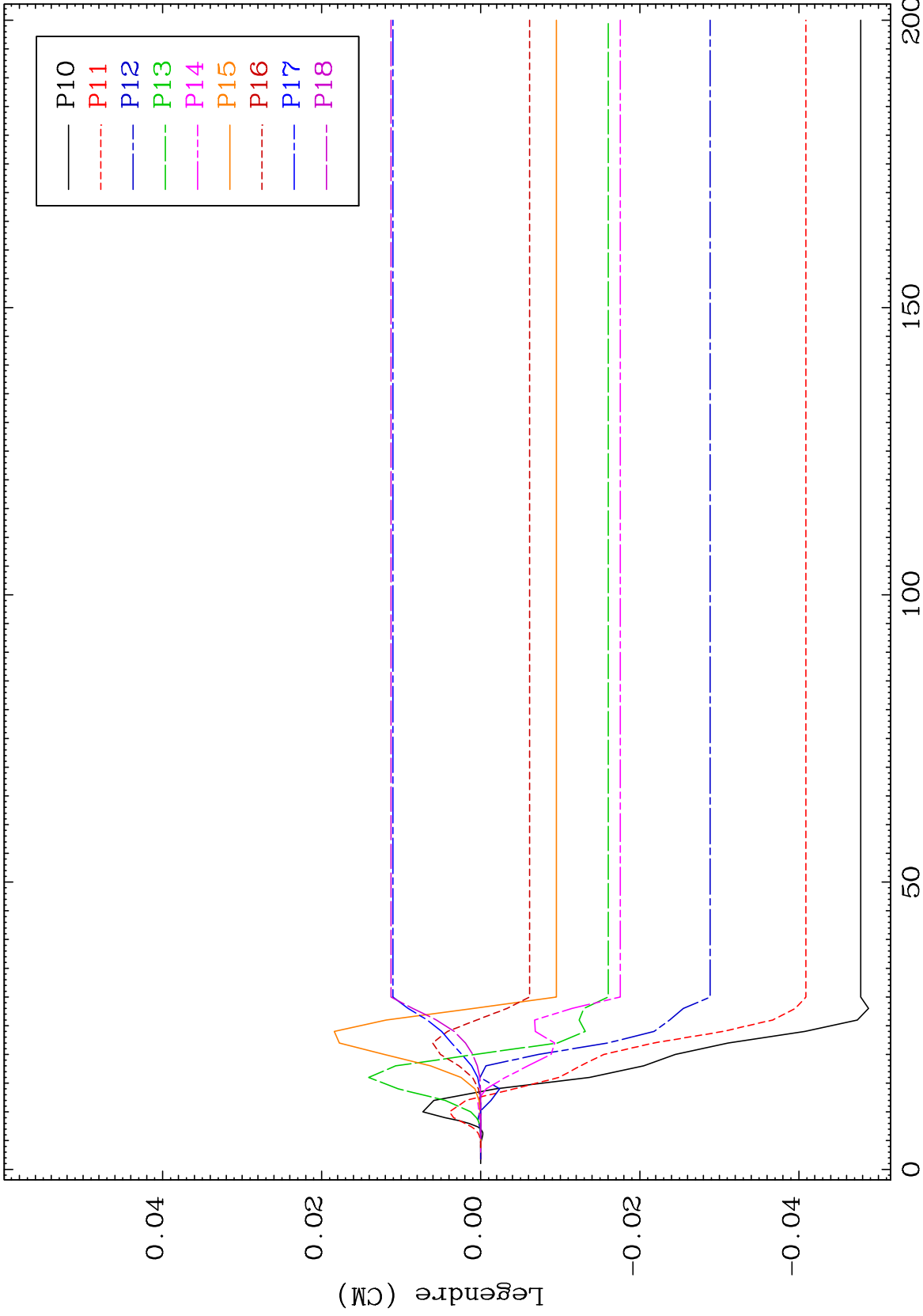
MAT 4876 MT= 59 (n,n') Level Legendre Coefficients 48-Cd-123



MAT 4876

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

48-Cd-123



51

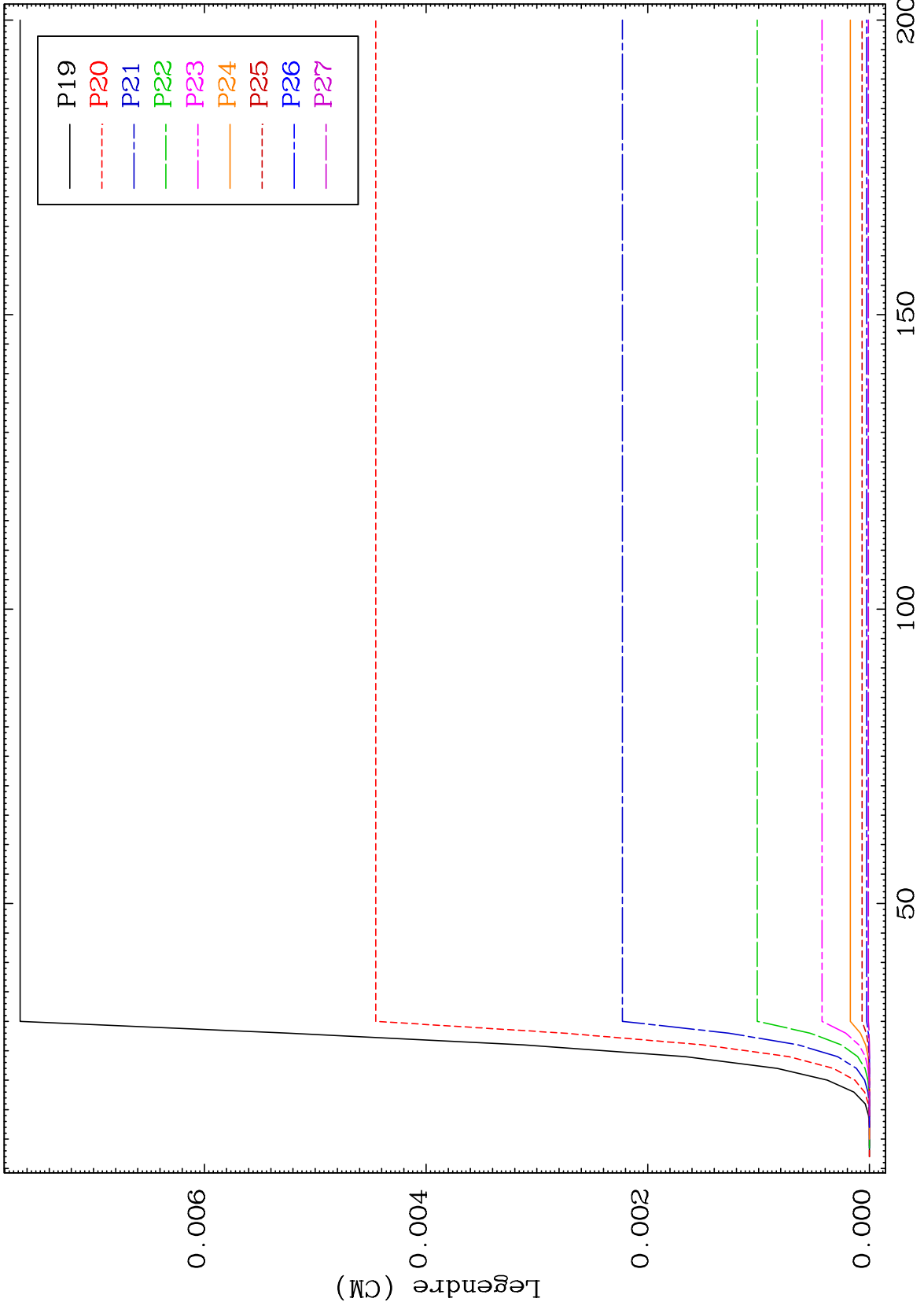
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



52

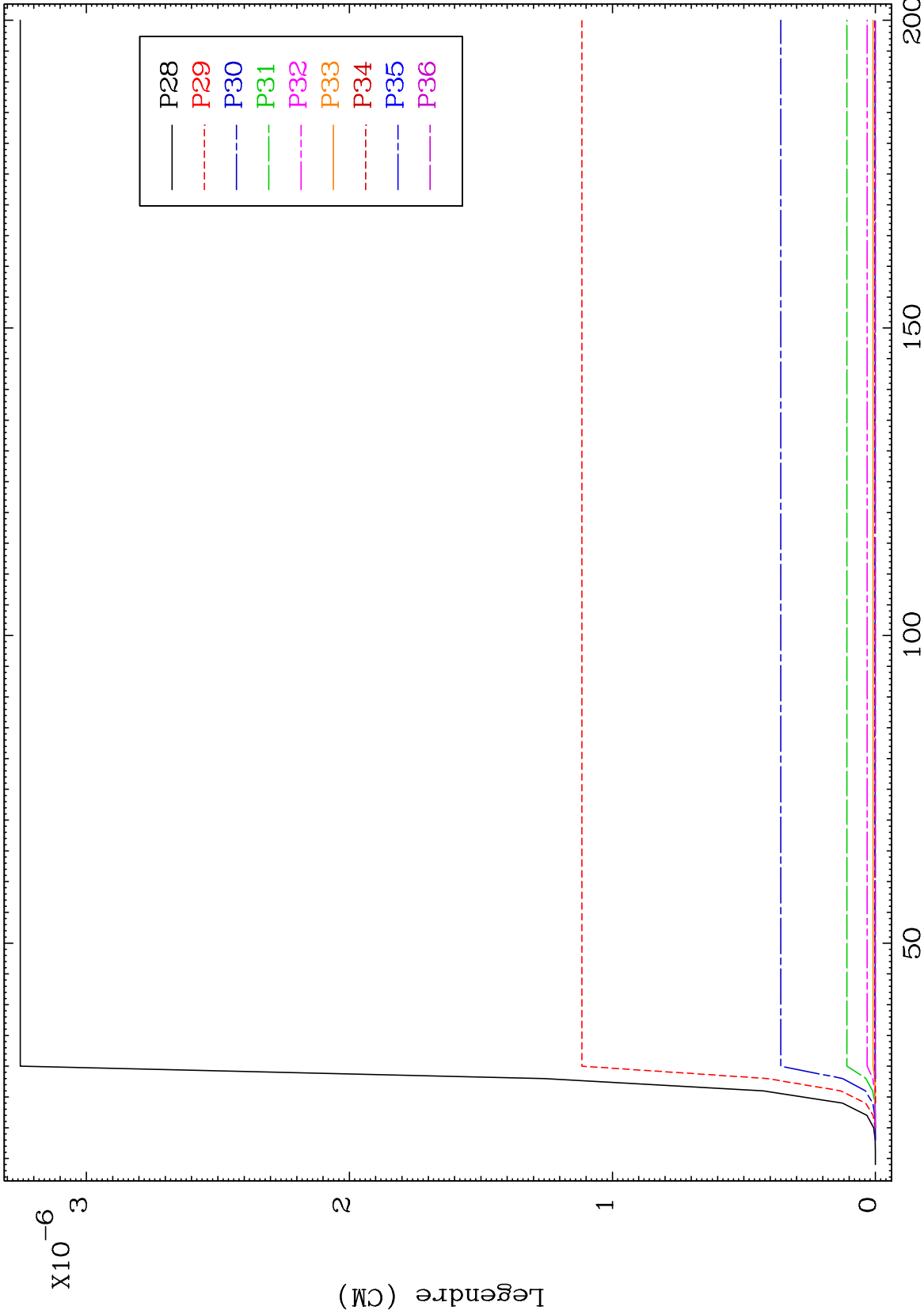
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



53

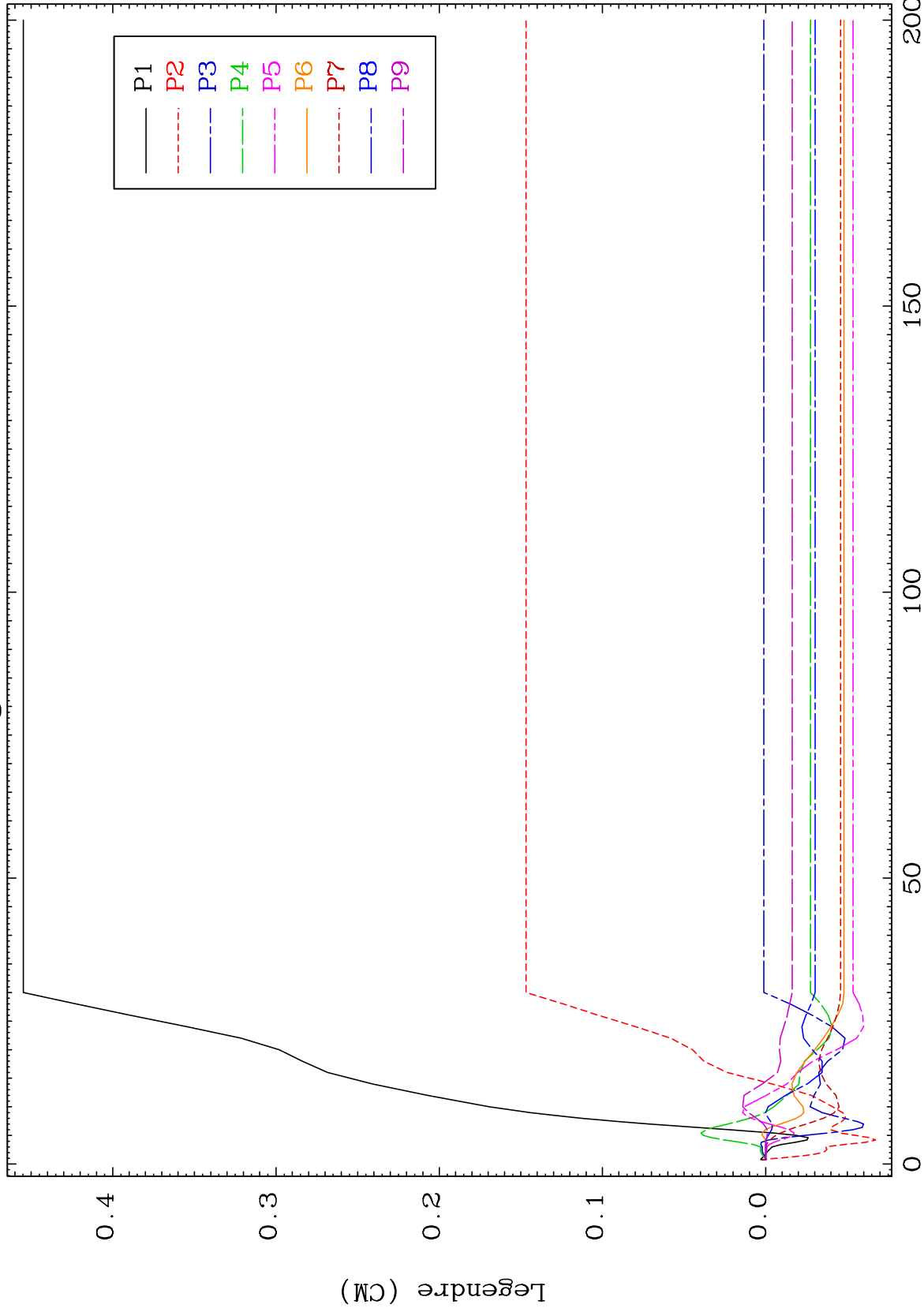
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123

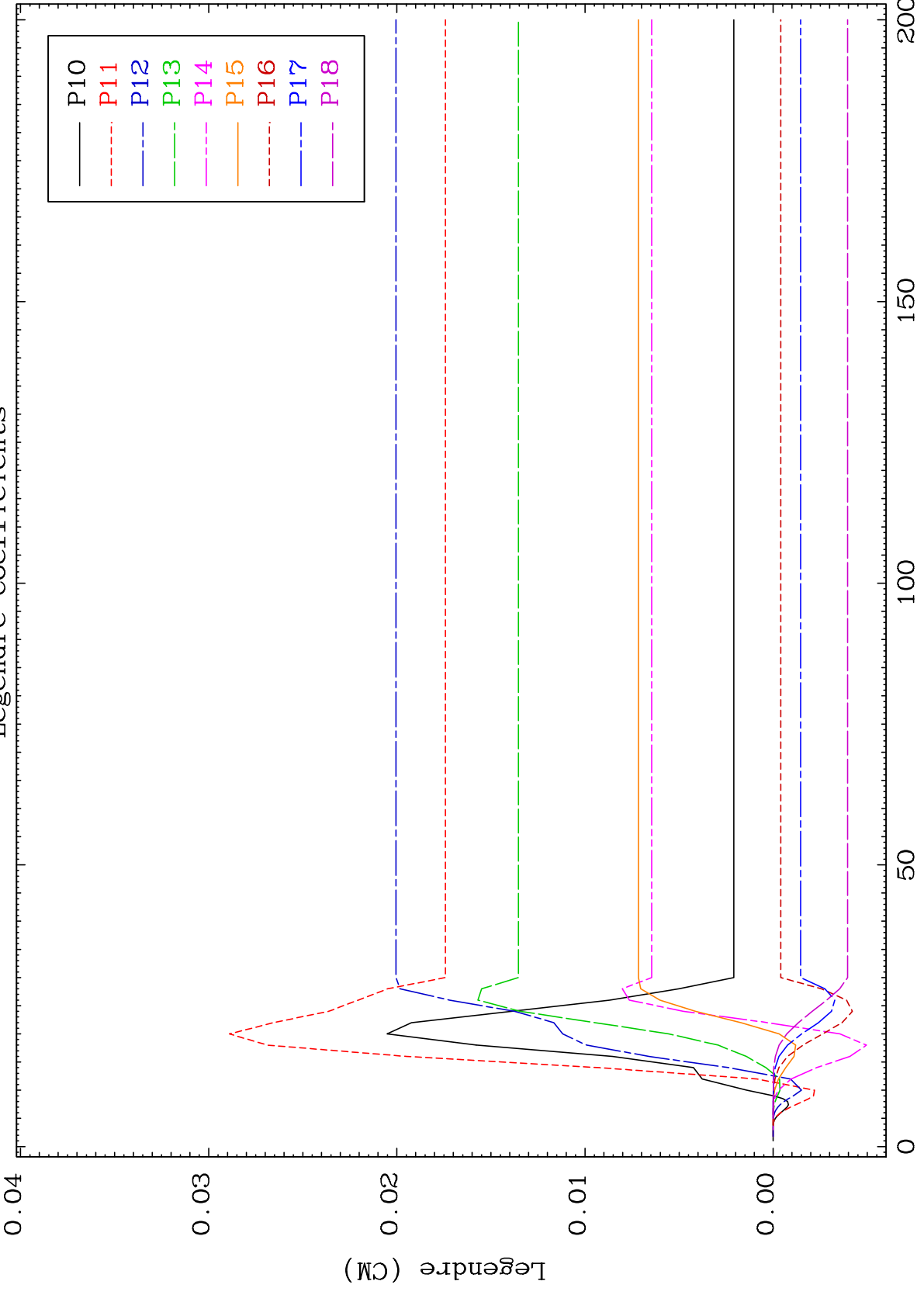


54

Incident Energy (MeV)

48-Cd-123

MAT 4876 MT= 60 (n,n') Level Legendre Coefficients 48-Cd-123

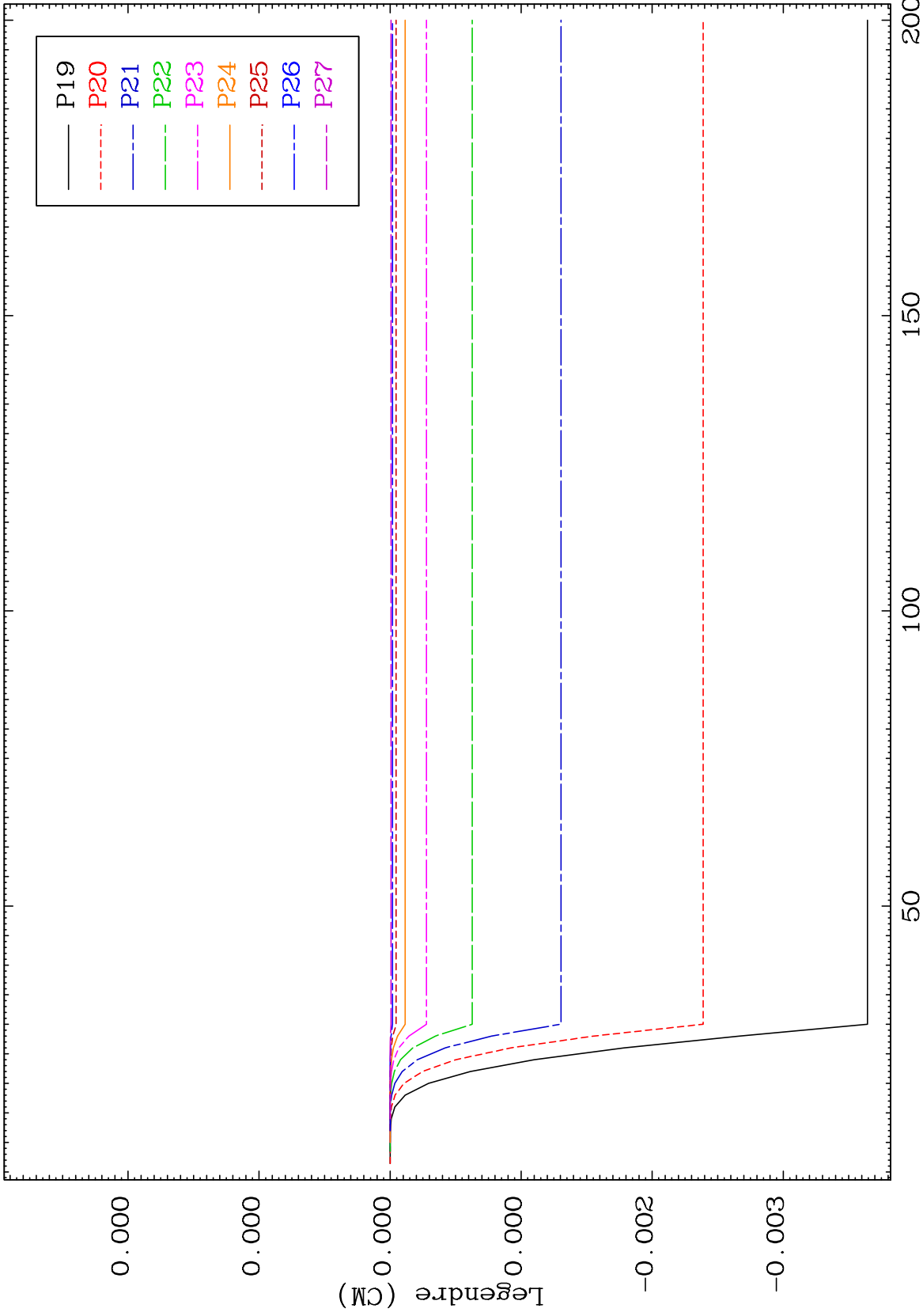


55 Incident Energy (MeV) 48-Cd-123

MAT 4876

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

48-Cd-123



56

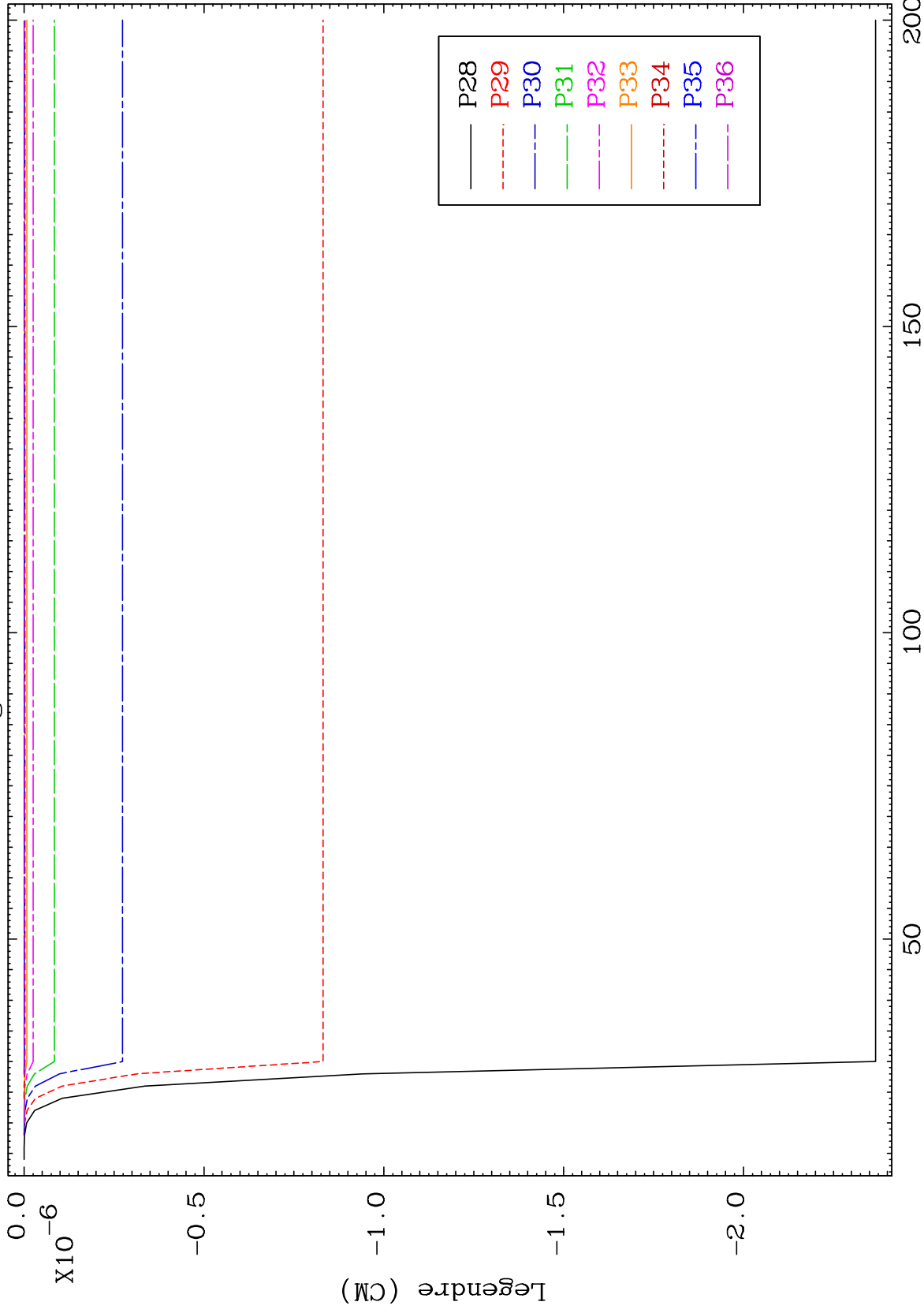
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



48-Cd-123

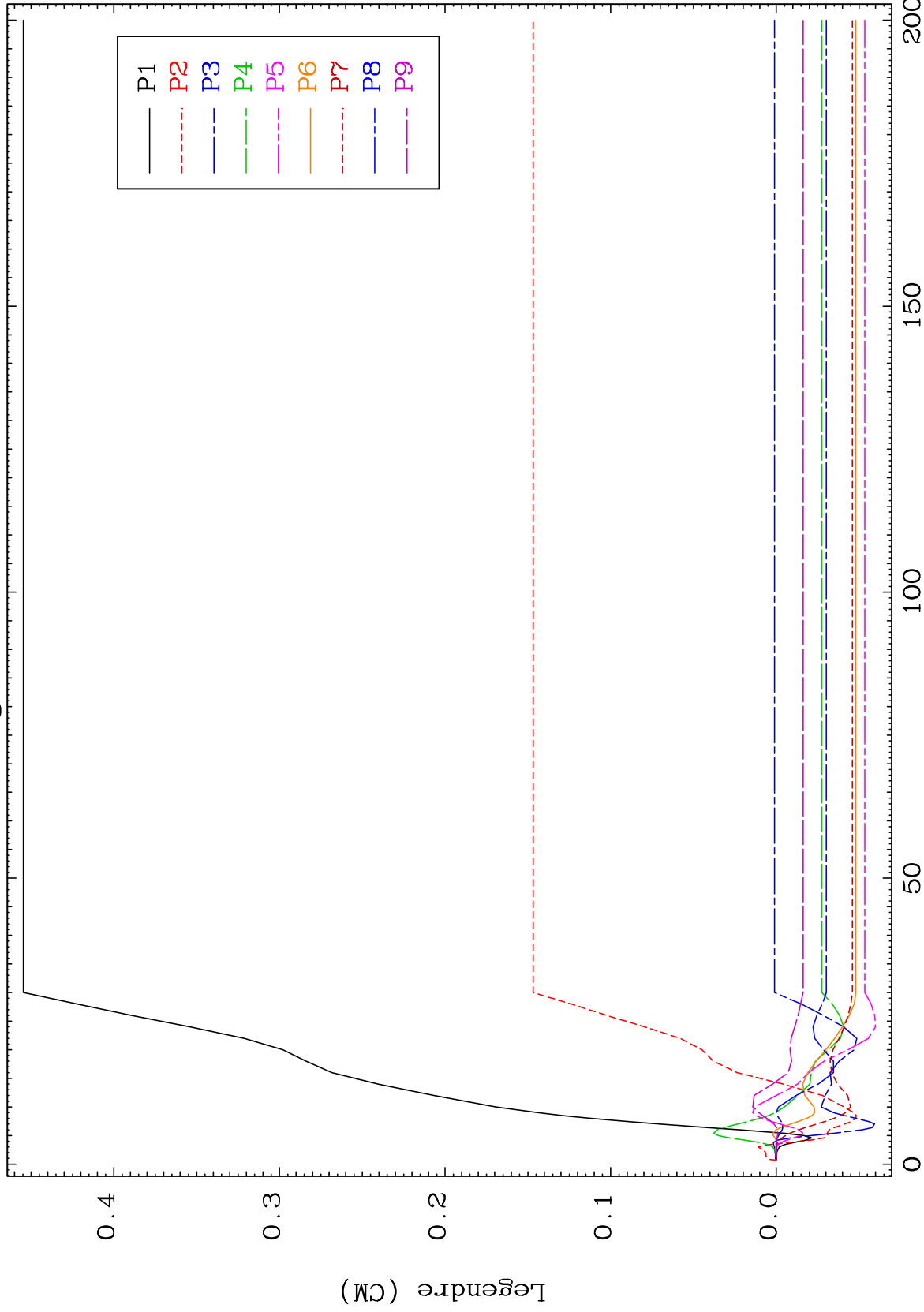
Incident Energy (MeV)

57

MAT 4876

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

48-Cd-123

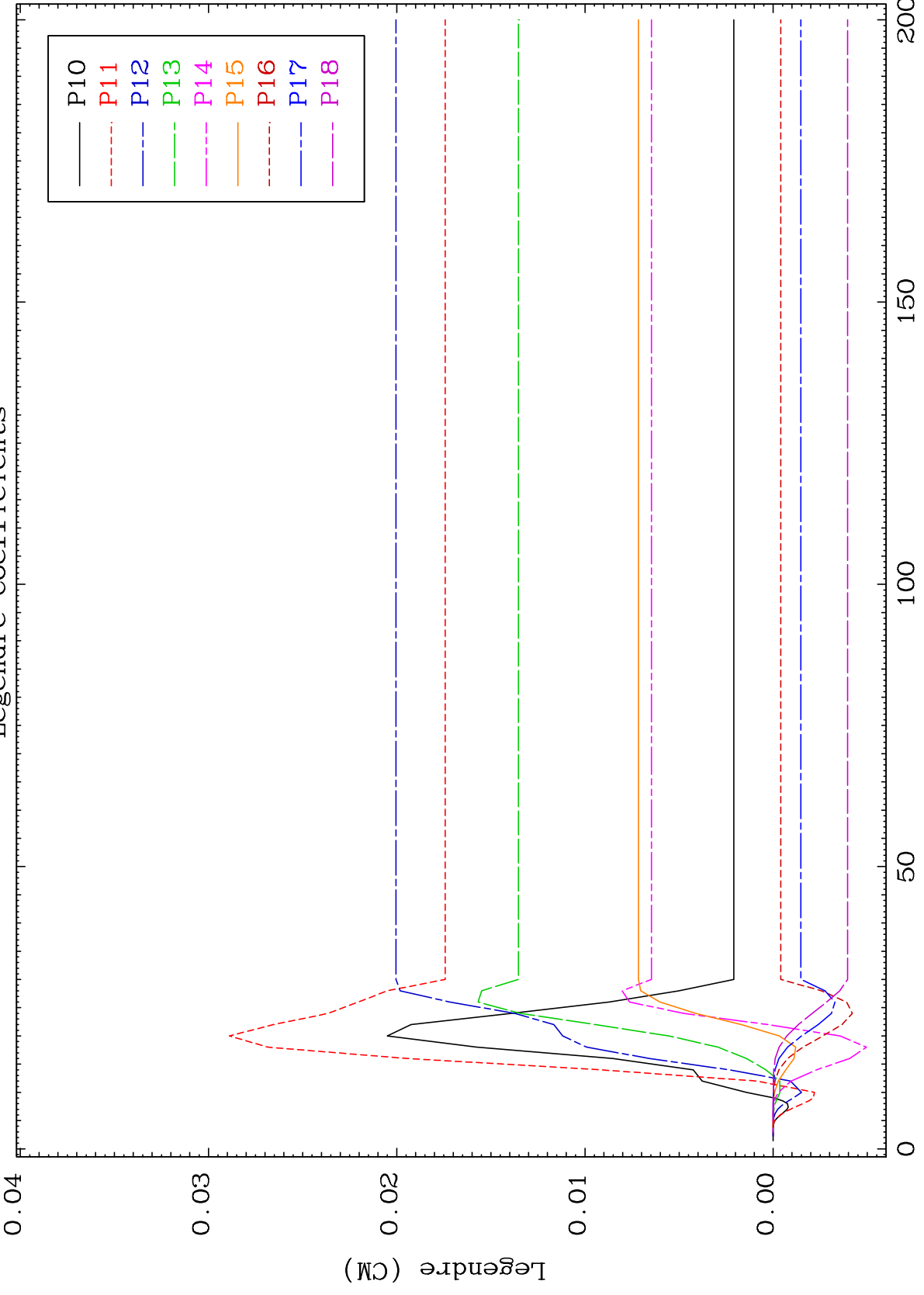


58

Incident Energy (MeV)

48-Cd-123

MAT 4876 MT= 61 (n,n') Level Legendre Coefficients 48-Cd-123

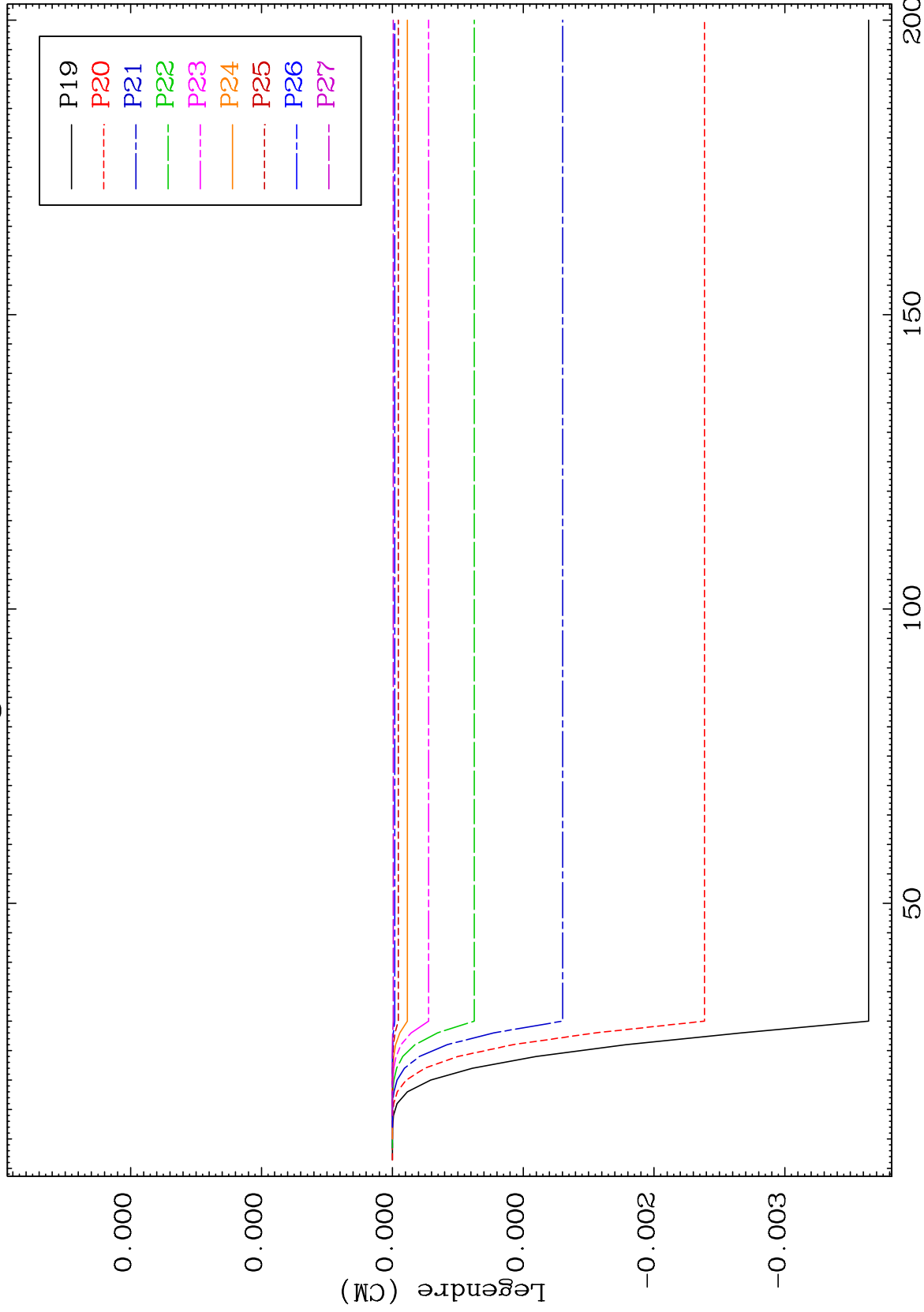


59 48-Cd-123

MAT 4876

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

48-Cd-123



60

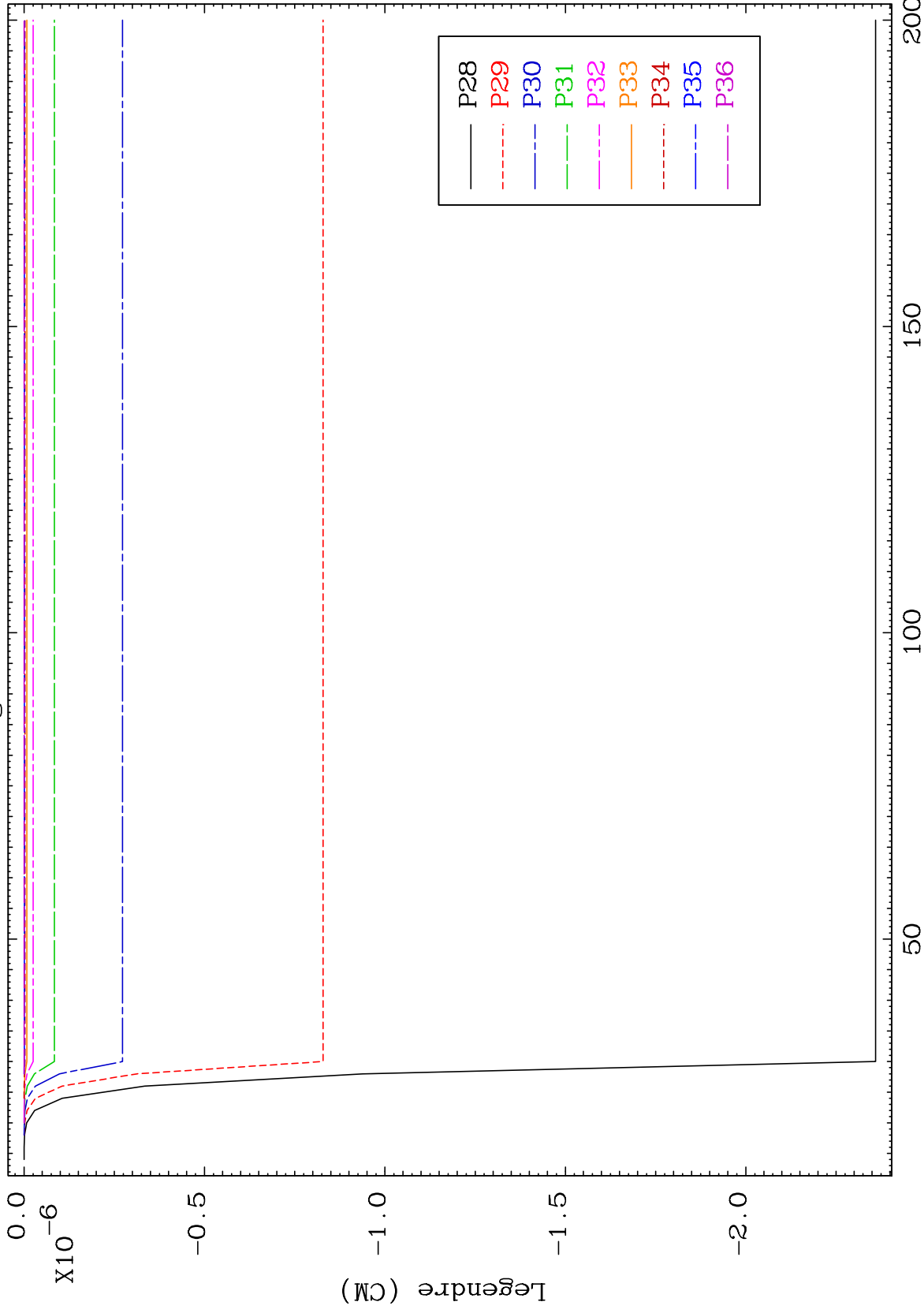
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



48-Cd-123

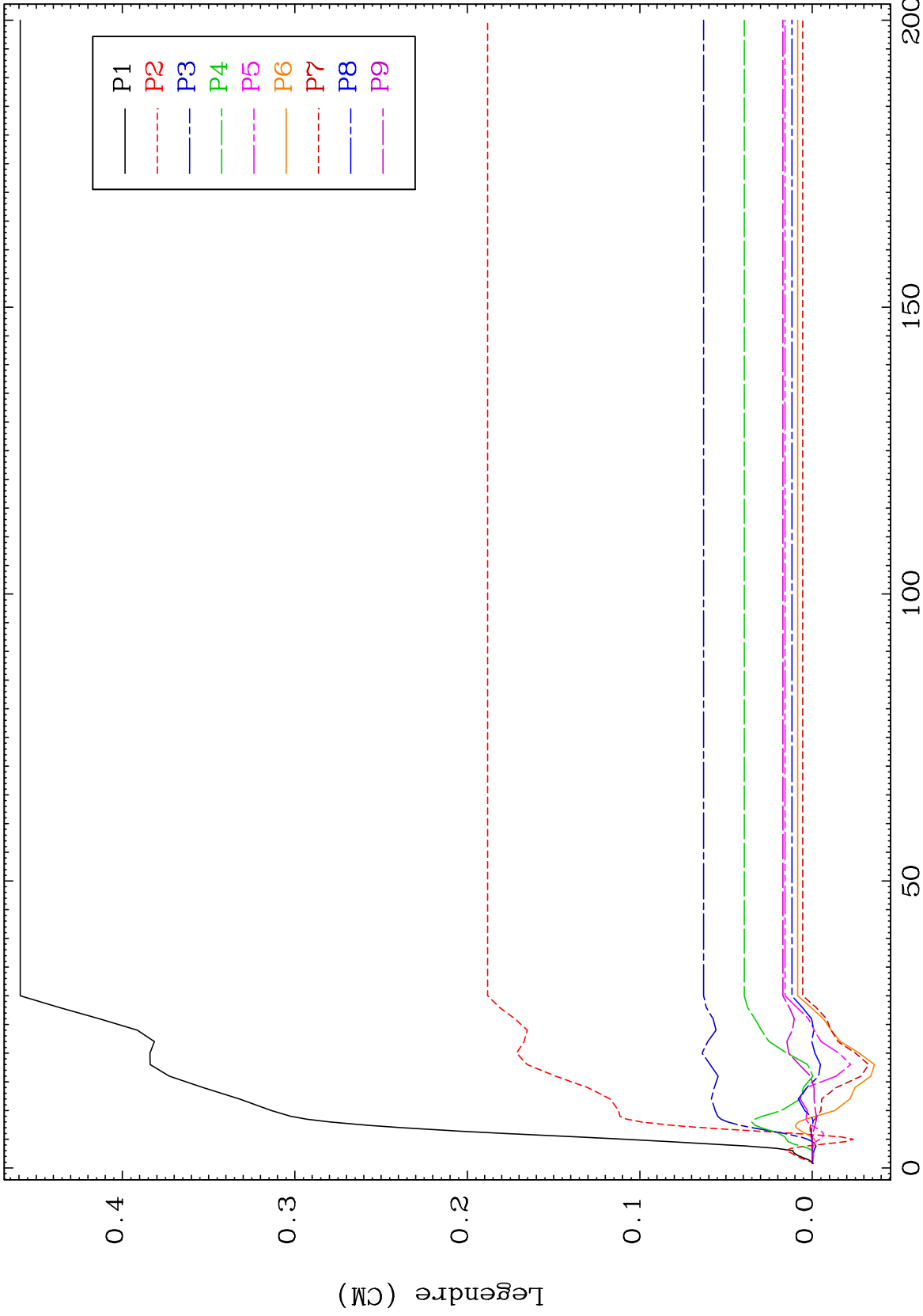
Incident Energy (MeV)

61

MAT 4876

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

48-Cd-123



62

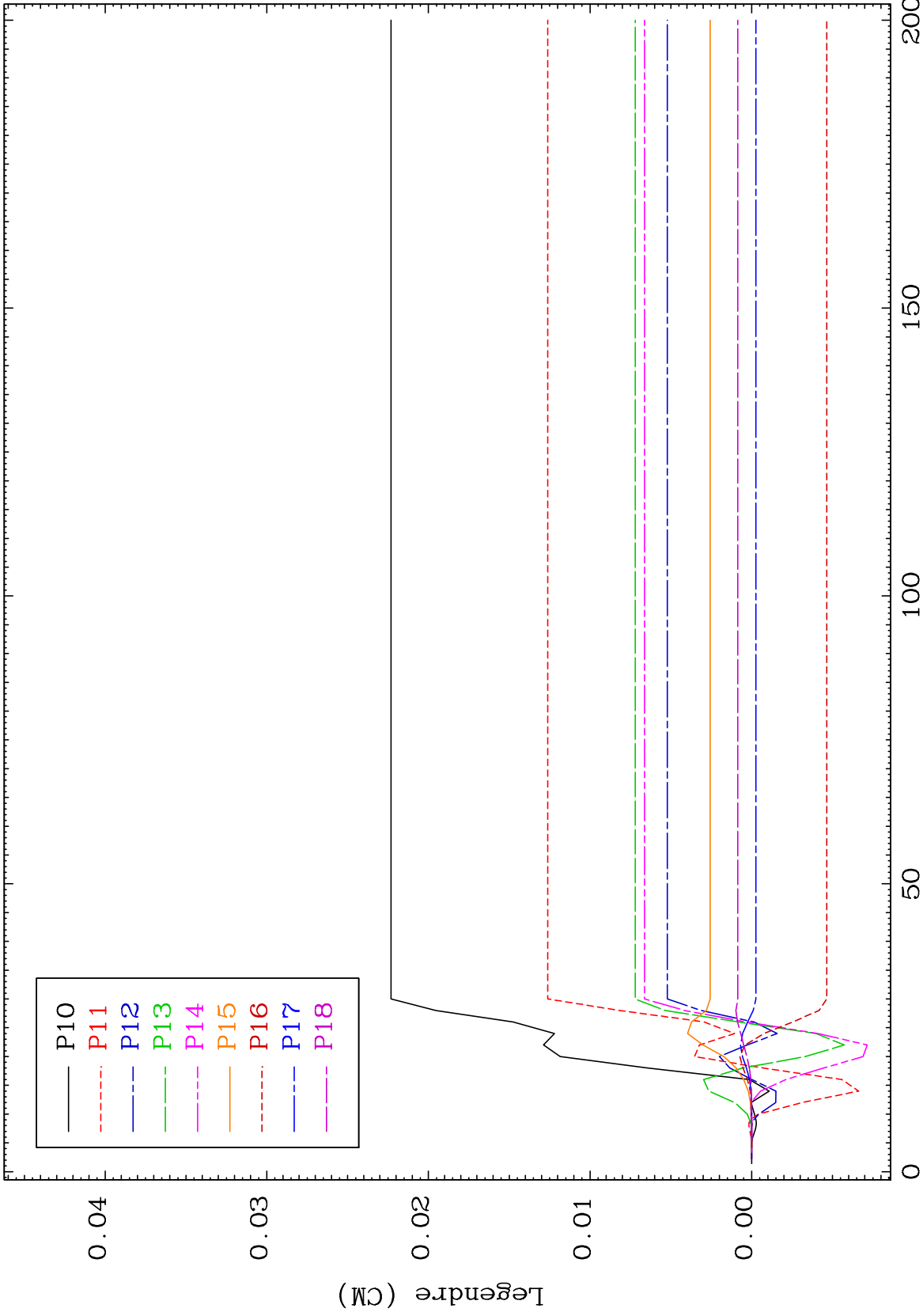
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



63

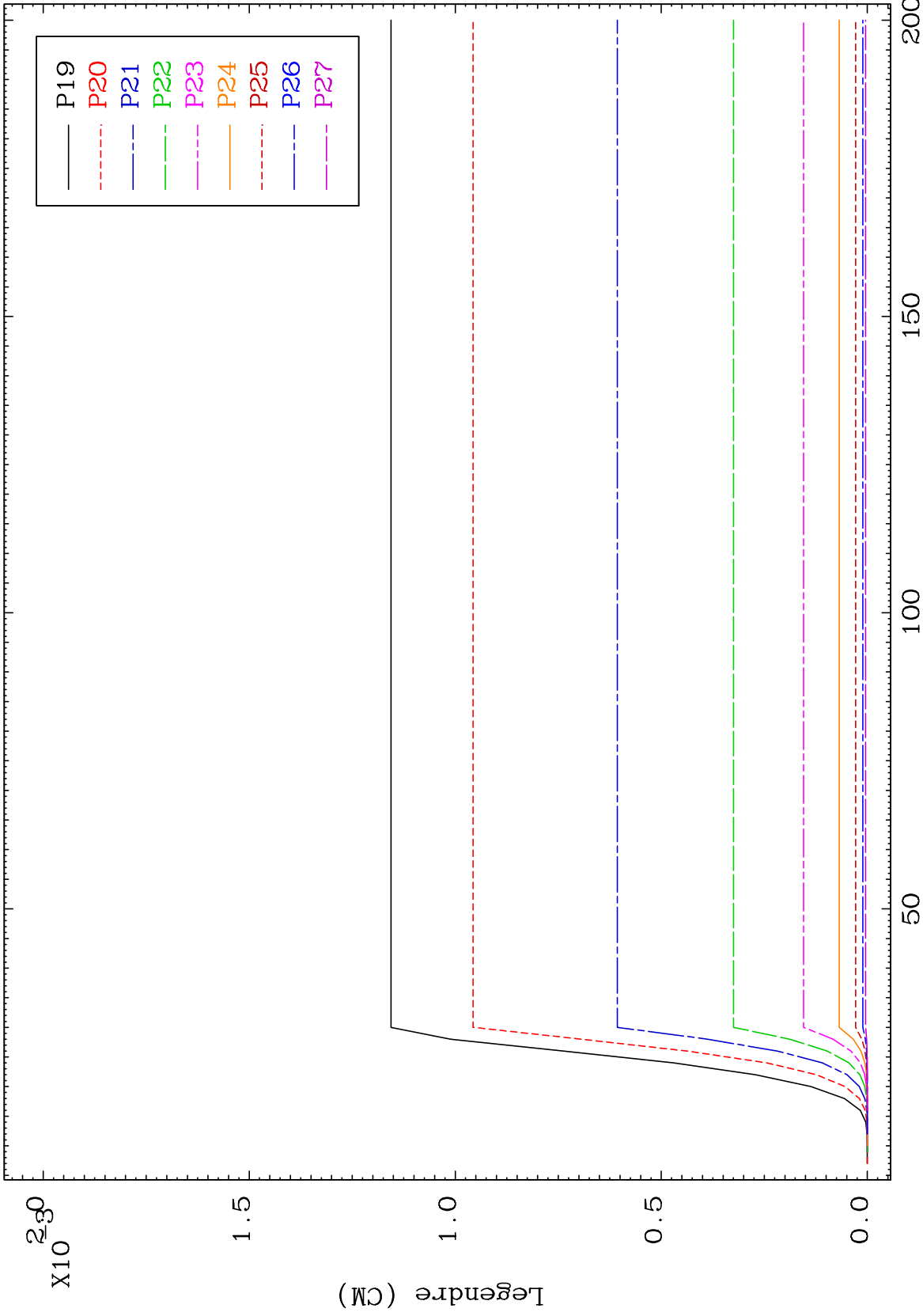
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



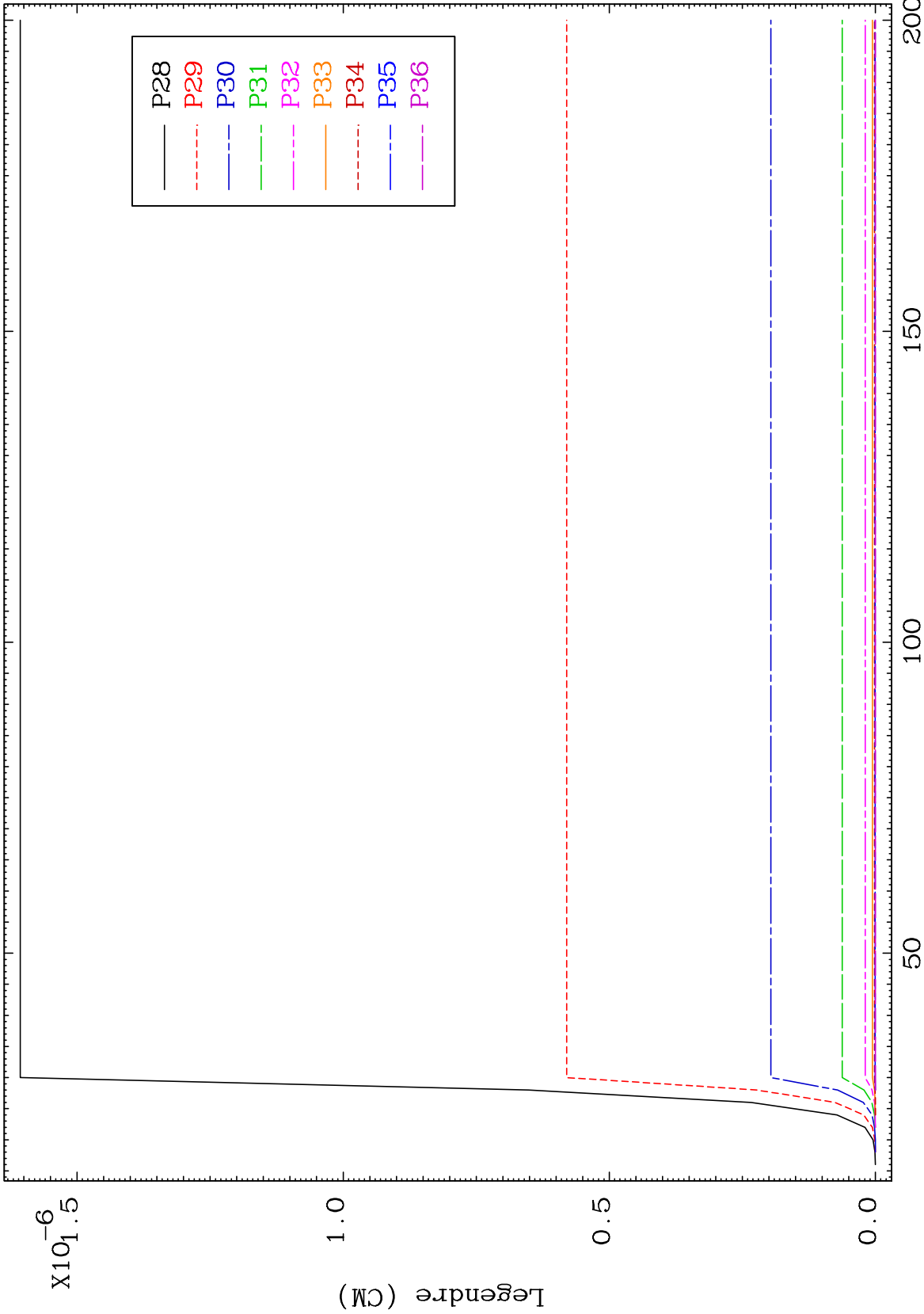
64

48-Cd-123

MAT 4876

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

48-Cd-123



65

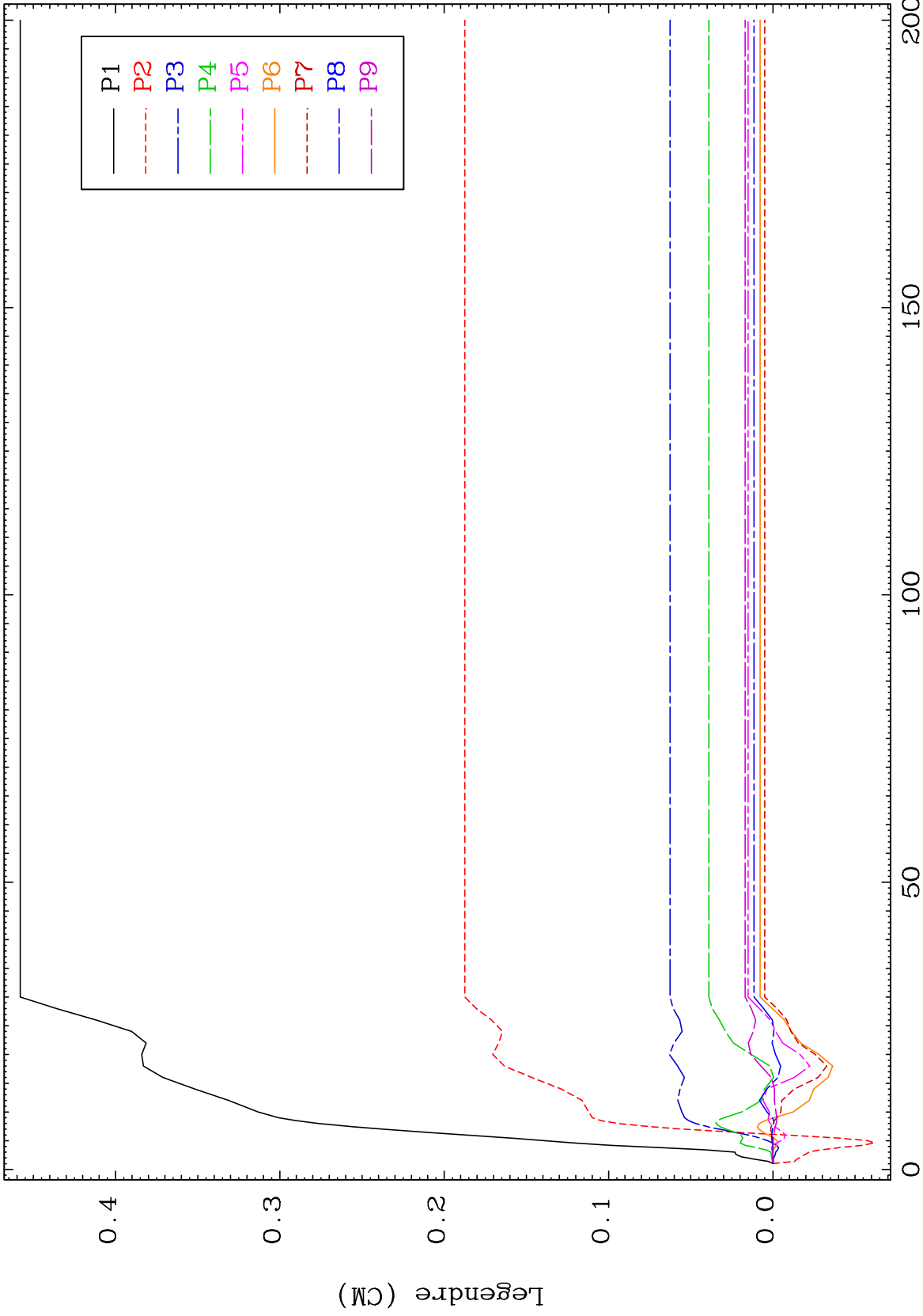
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



66

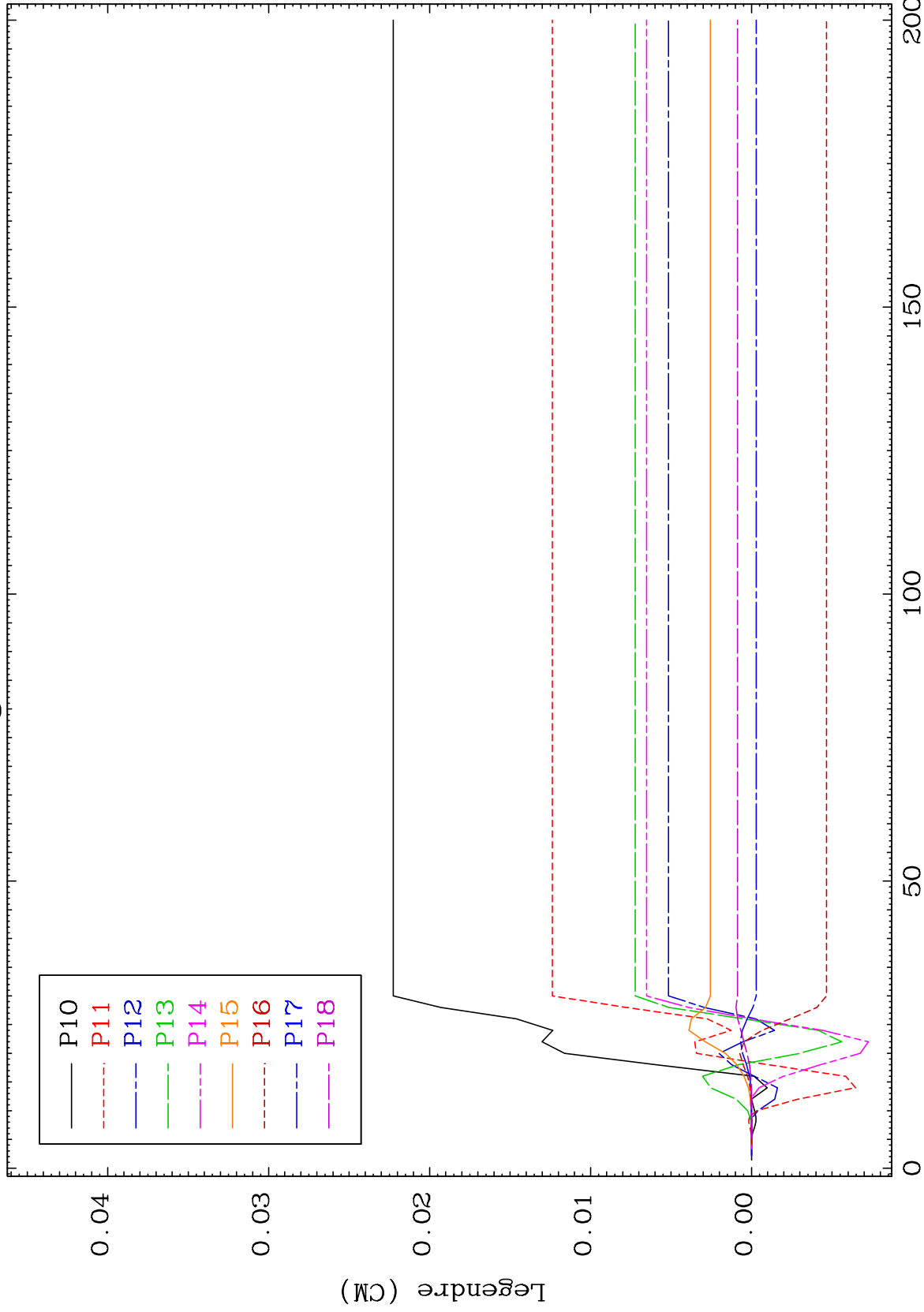
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



67

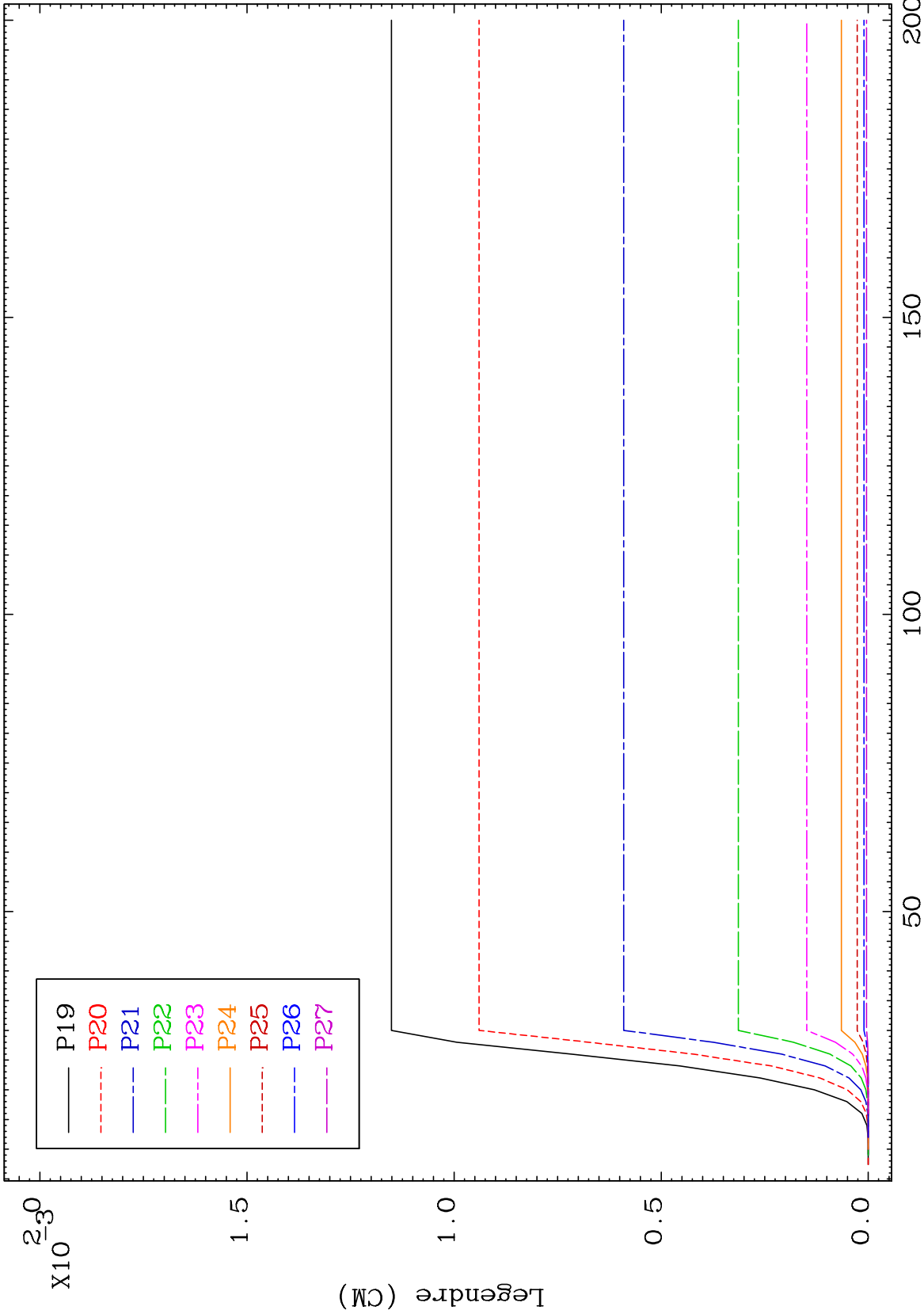
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



68

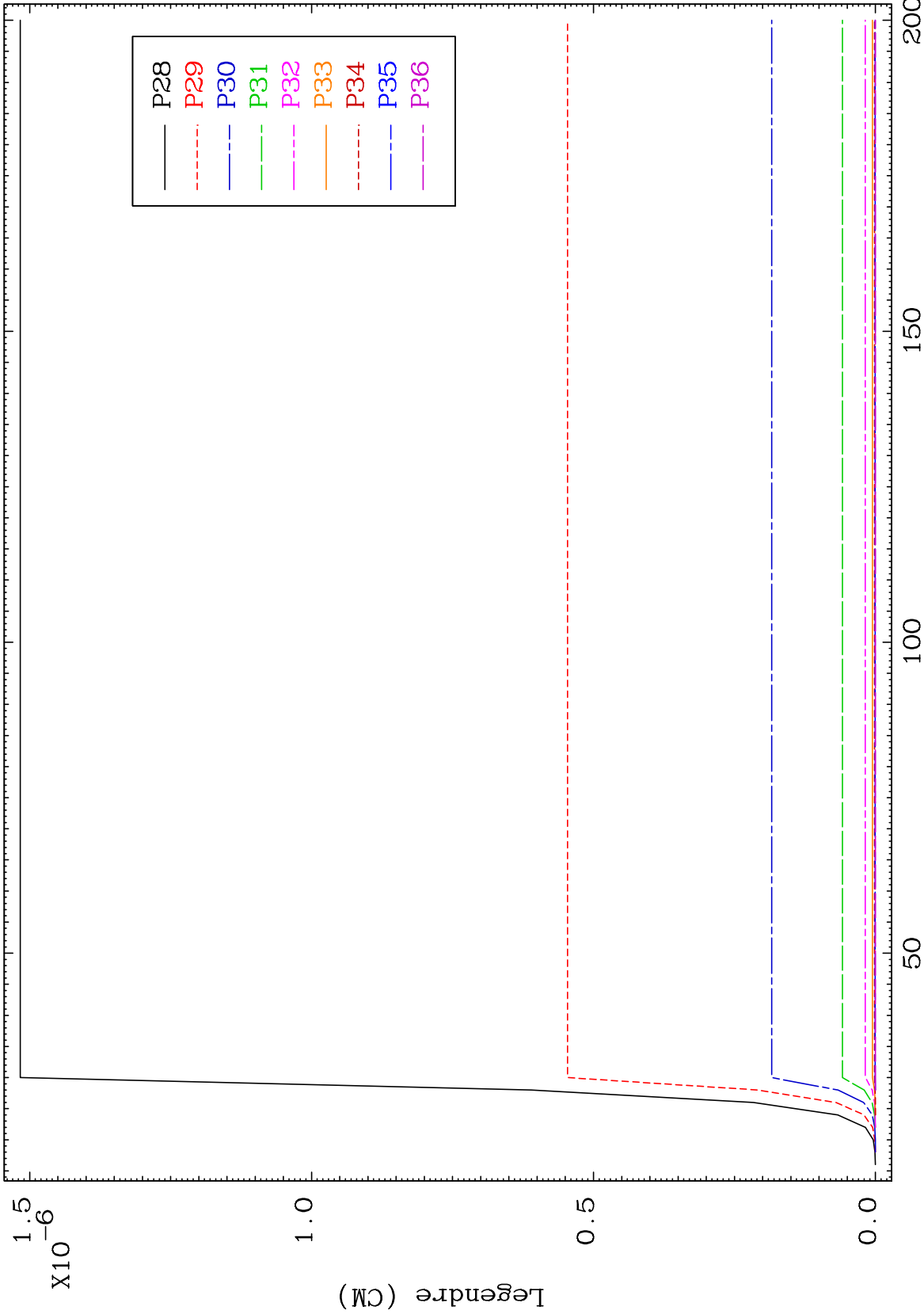
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123

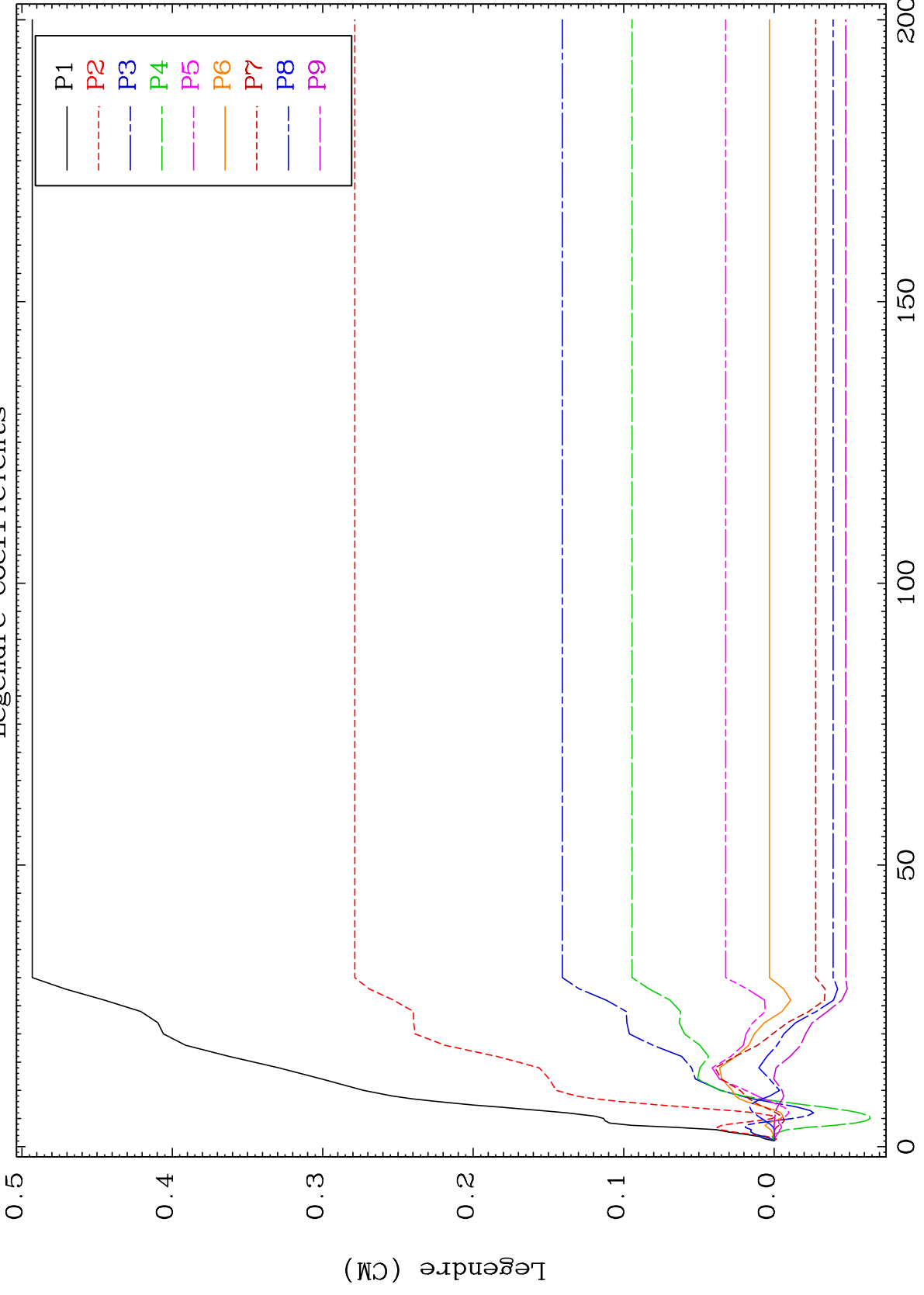


69

Incident Energy (MeV)

48-Cd-123

MAT 4876 MT= 64 (n,n') Level Legendre Coefficients 48-Cd-123

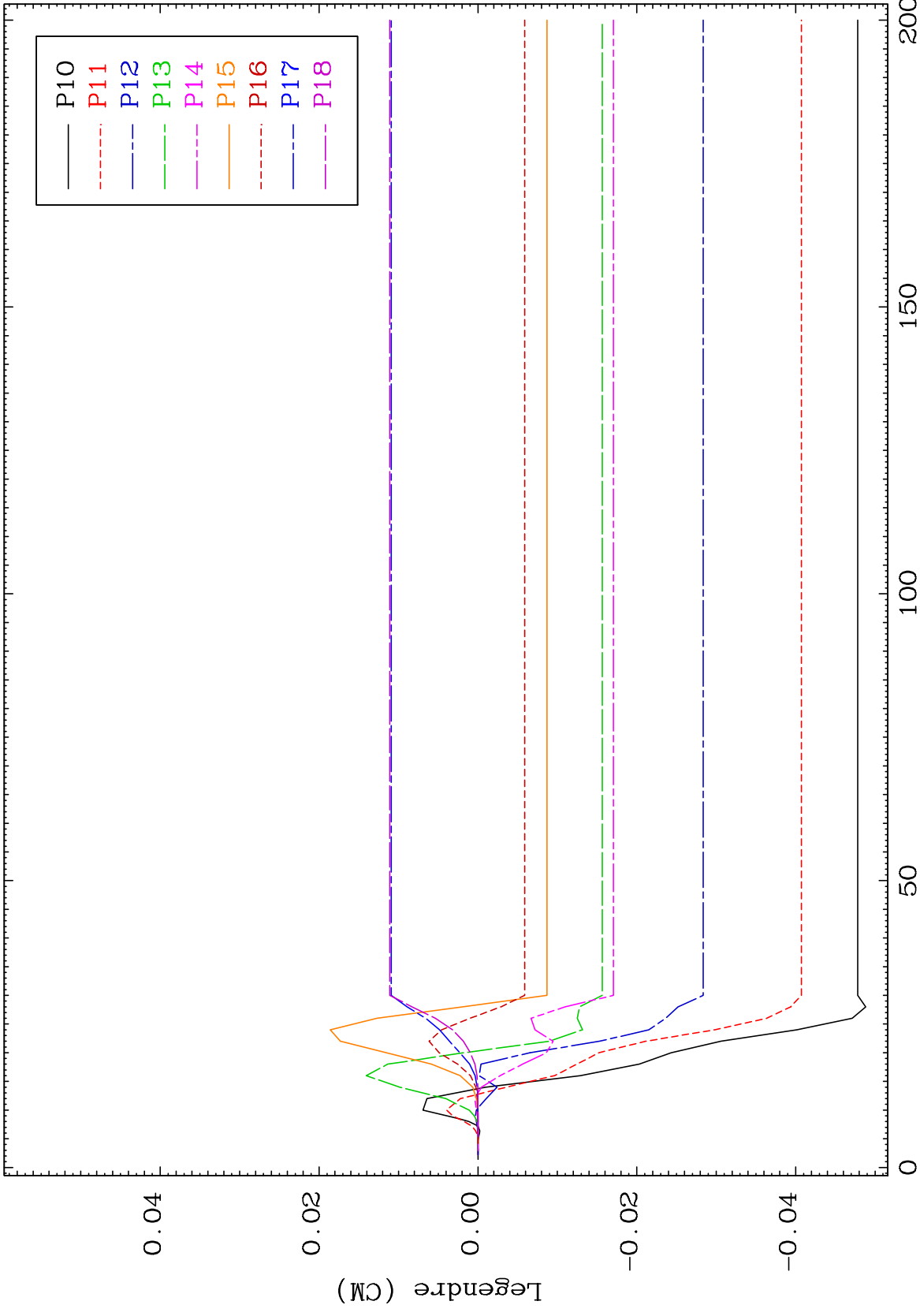


70 Incident Energy (MeV) 48-Cd-123

MAT 4876

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

48-Cd-123



71

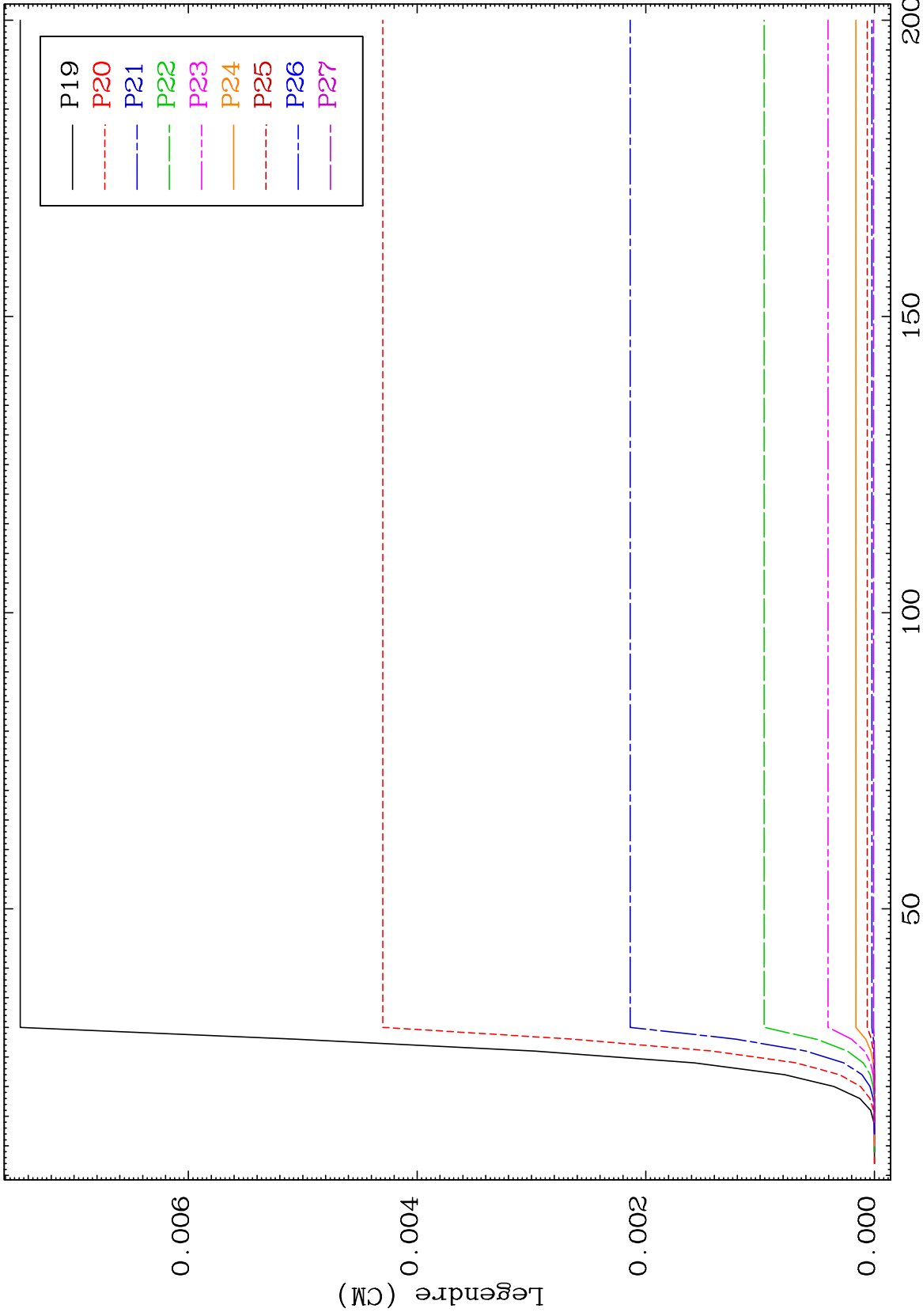
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



72

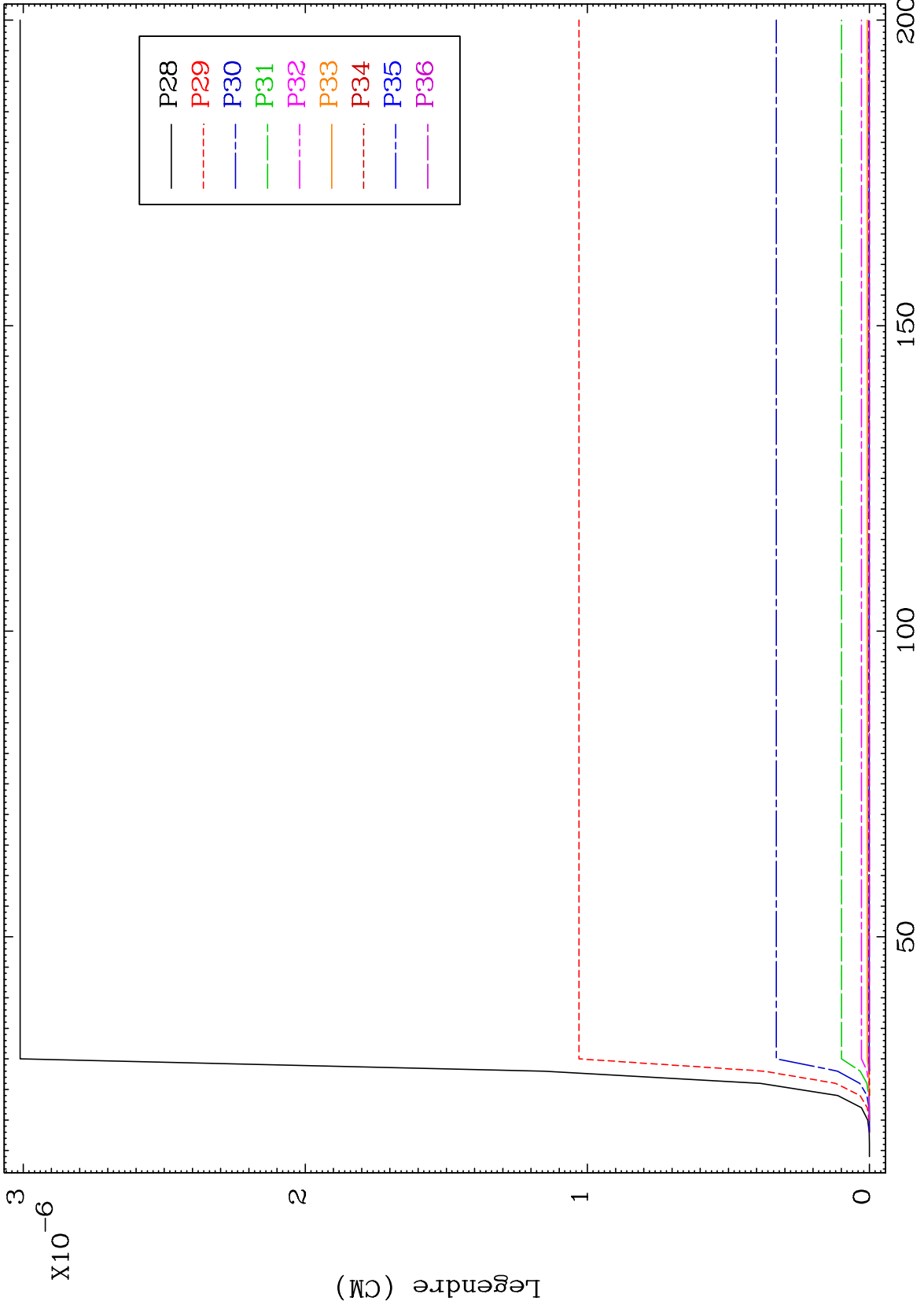
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



73

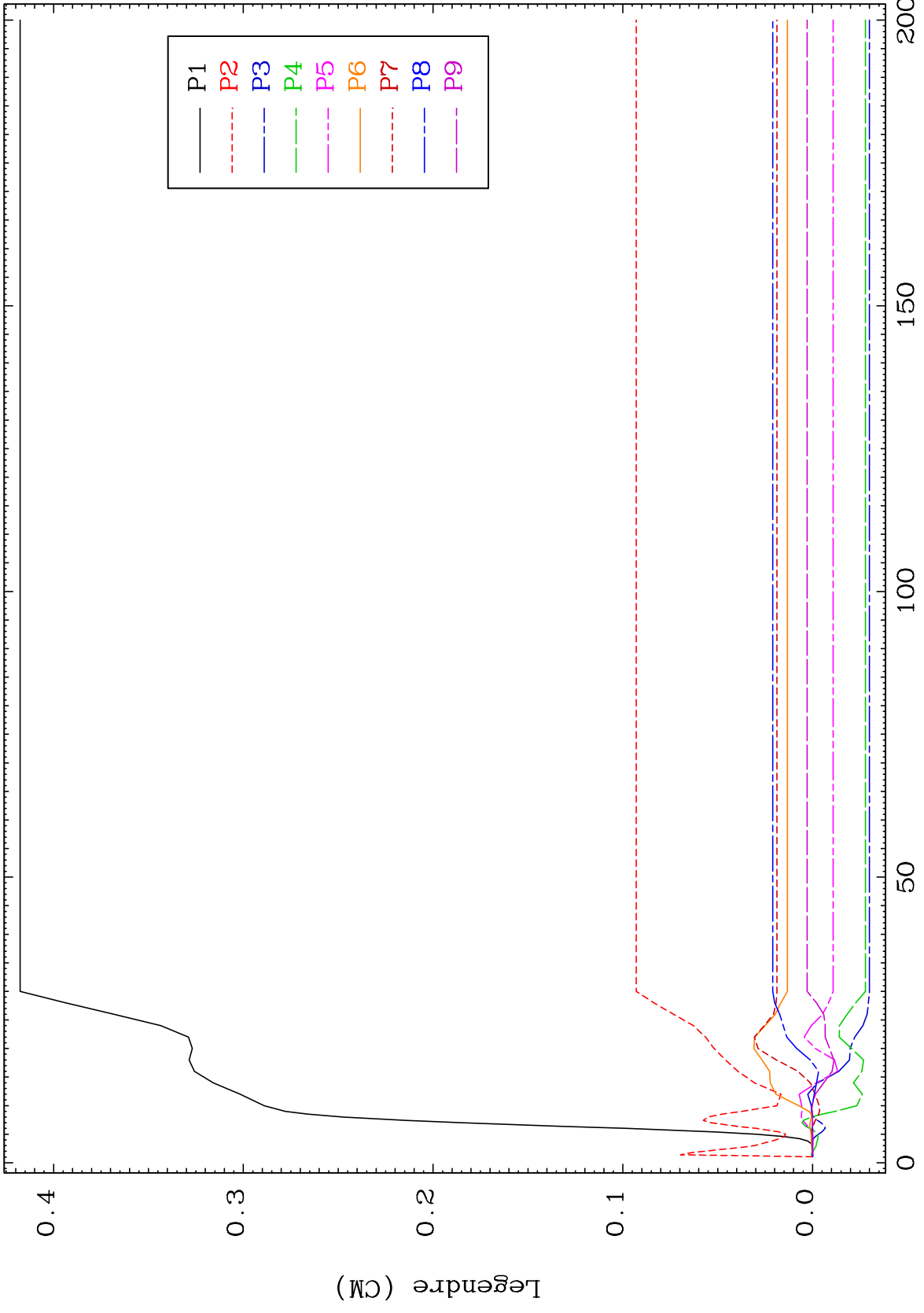
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



74

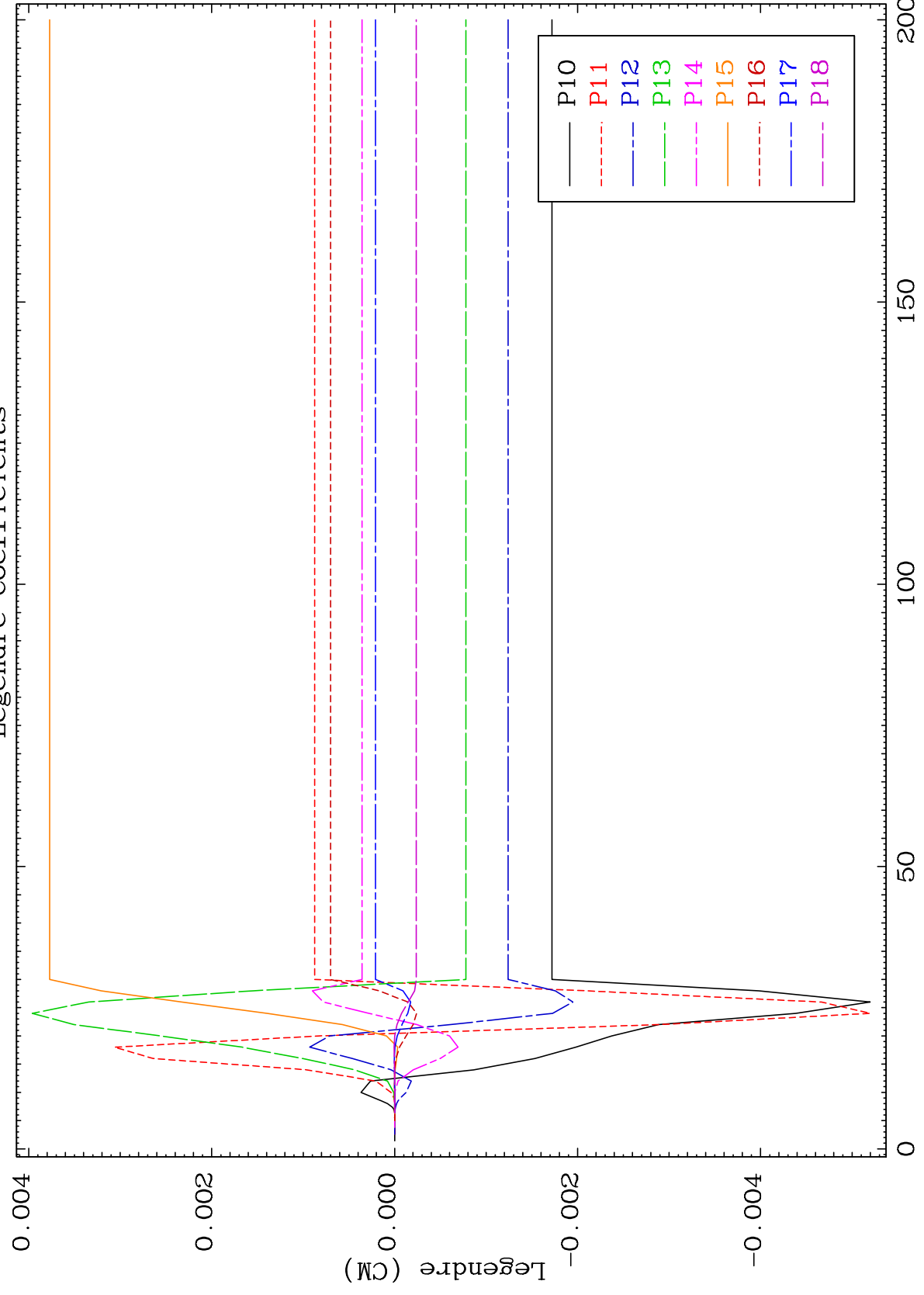
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



48-Cd-123

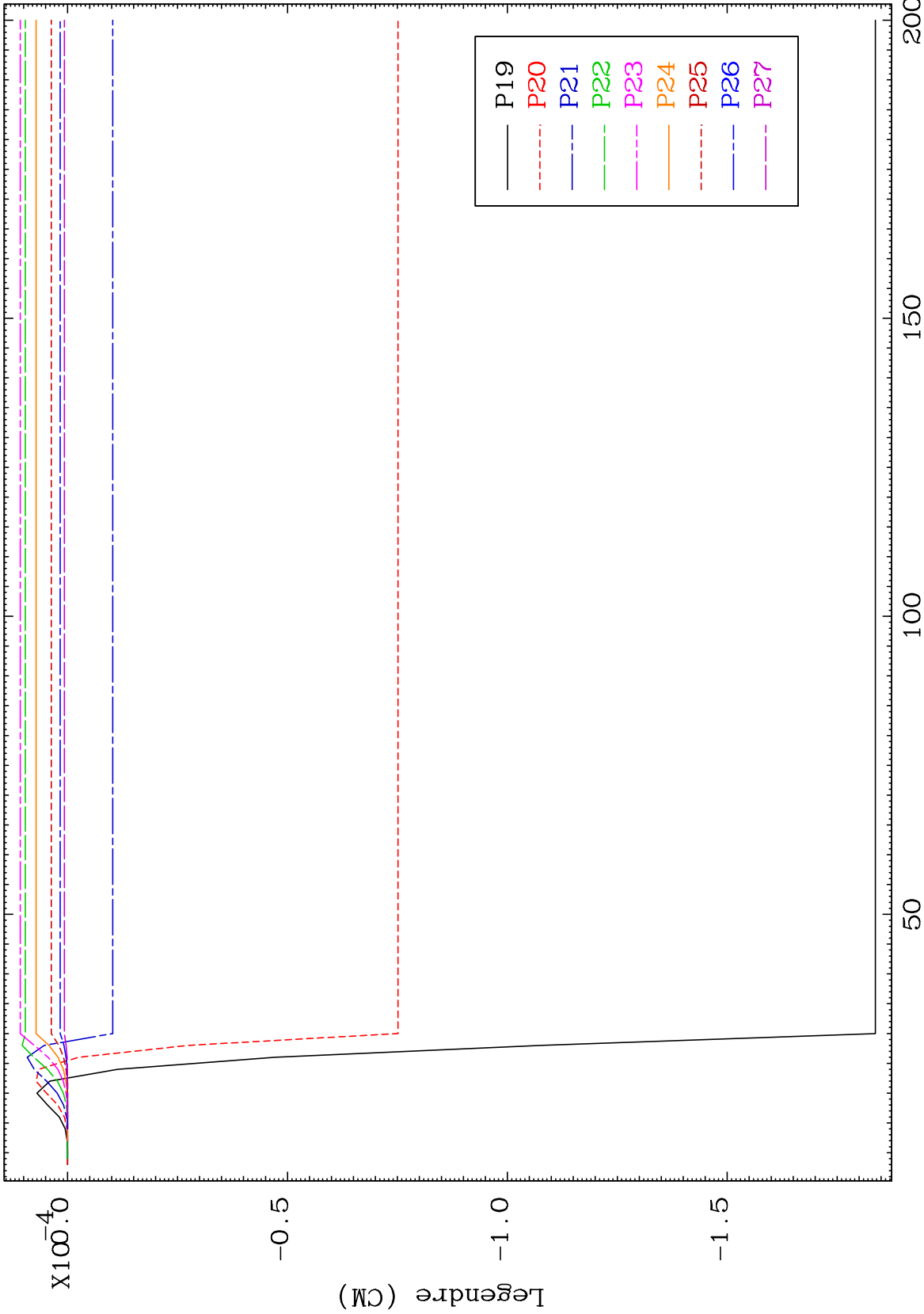
Incident Energy (MeV)

75

MAT 4876

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

48-Cd-123



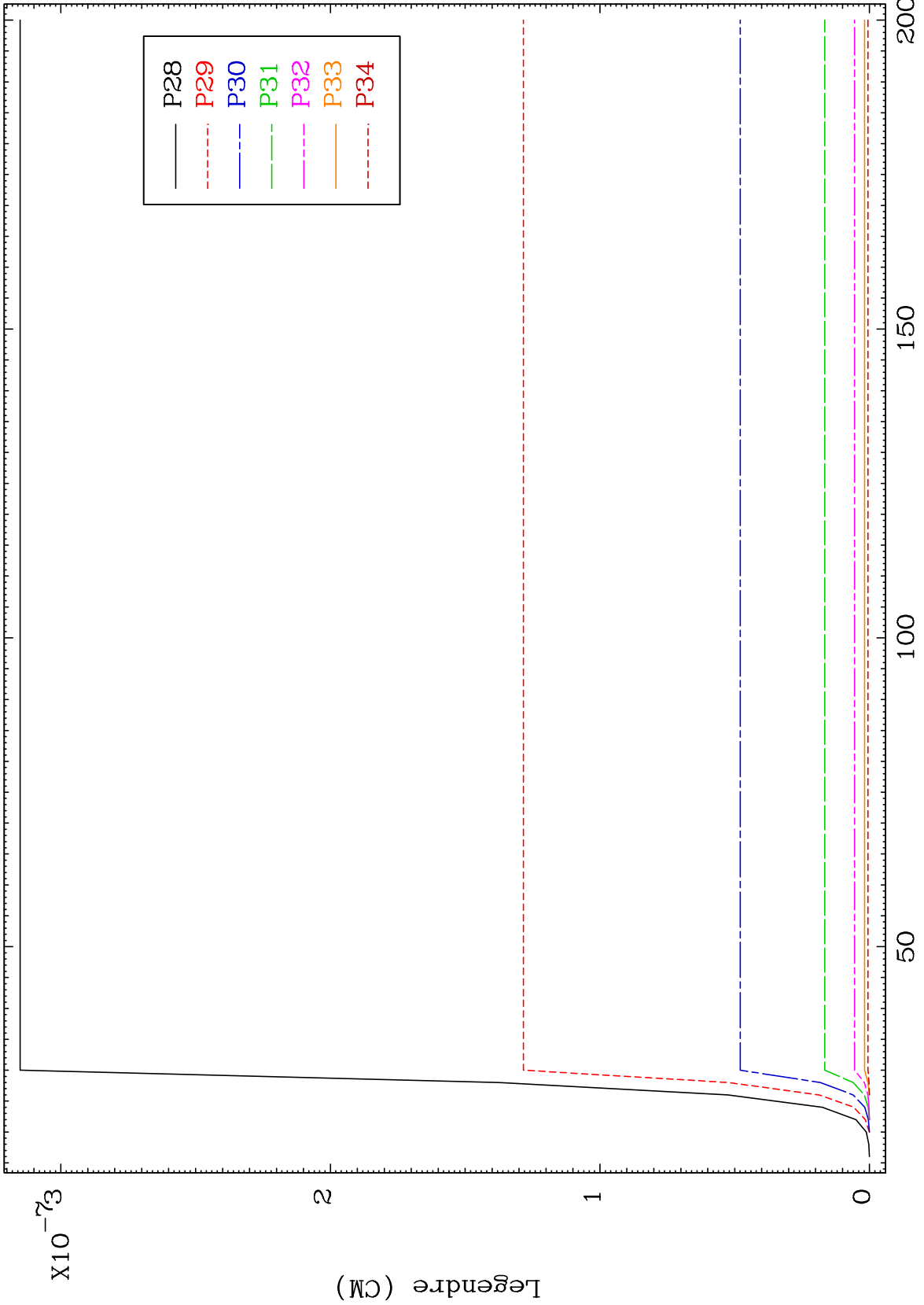
76

48-Cd-123

MAT 4876

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

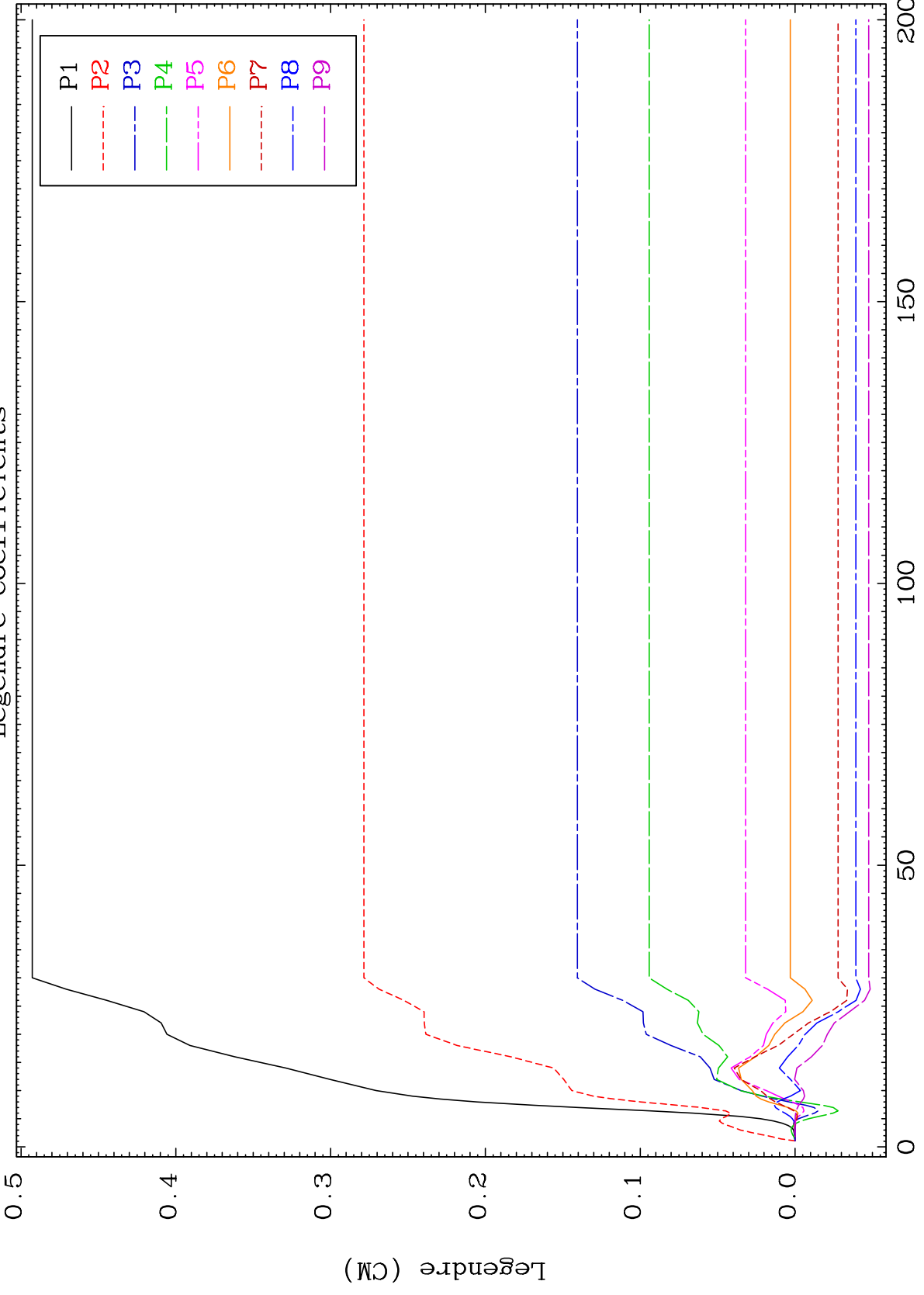
48-Cd-123



77

48-Cd-123

MAT 4876 MT= 66 (n,n') Level Legendre Coefficients 48-Cd-123

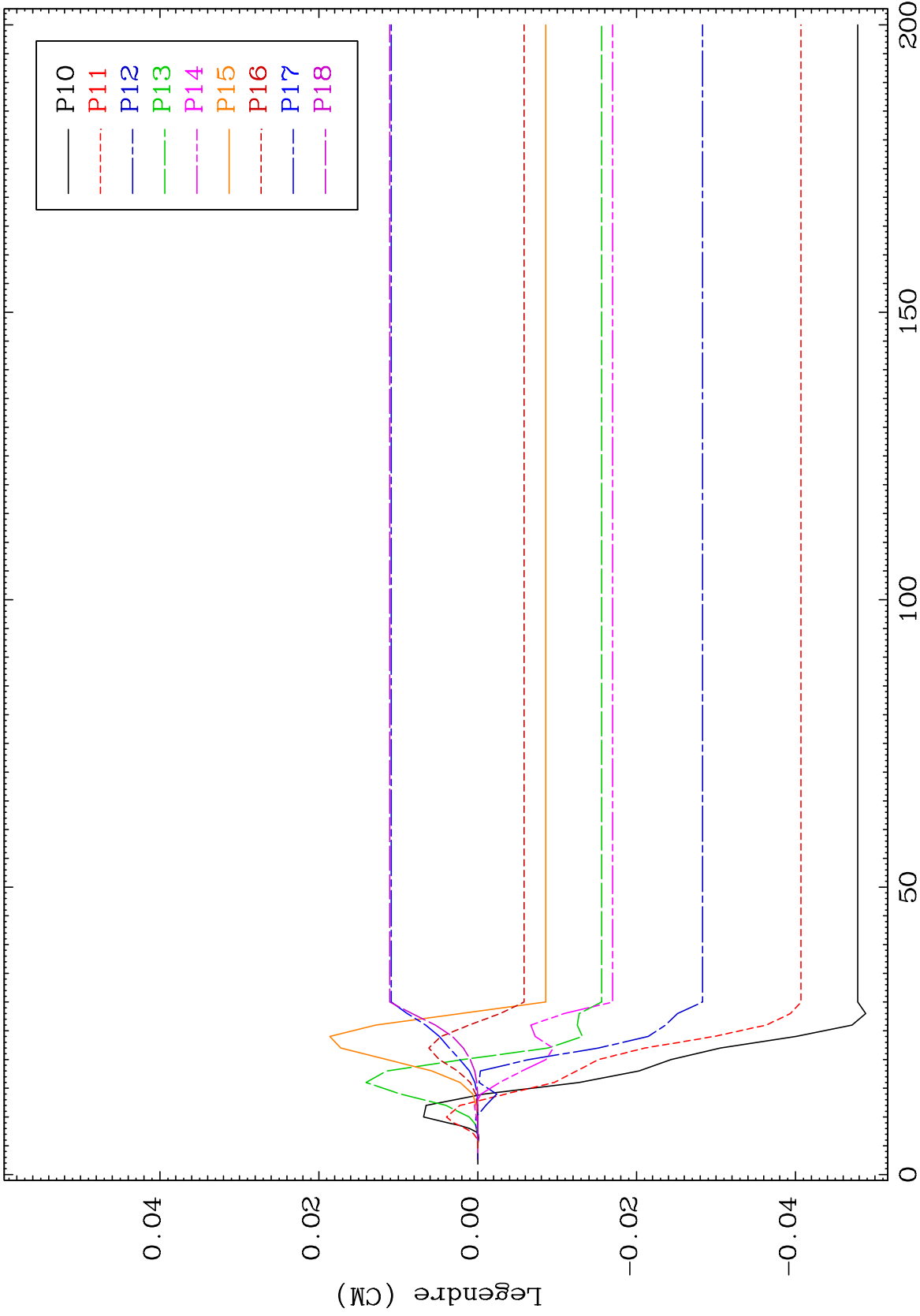


78 Incident Energy (MeV) 48-Cd-123

MAT 4876

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

48-Cd-123



79

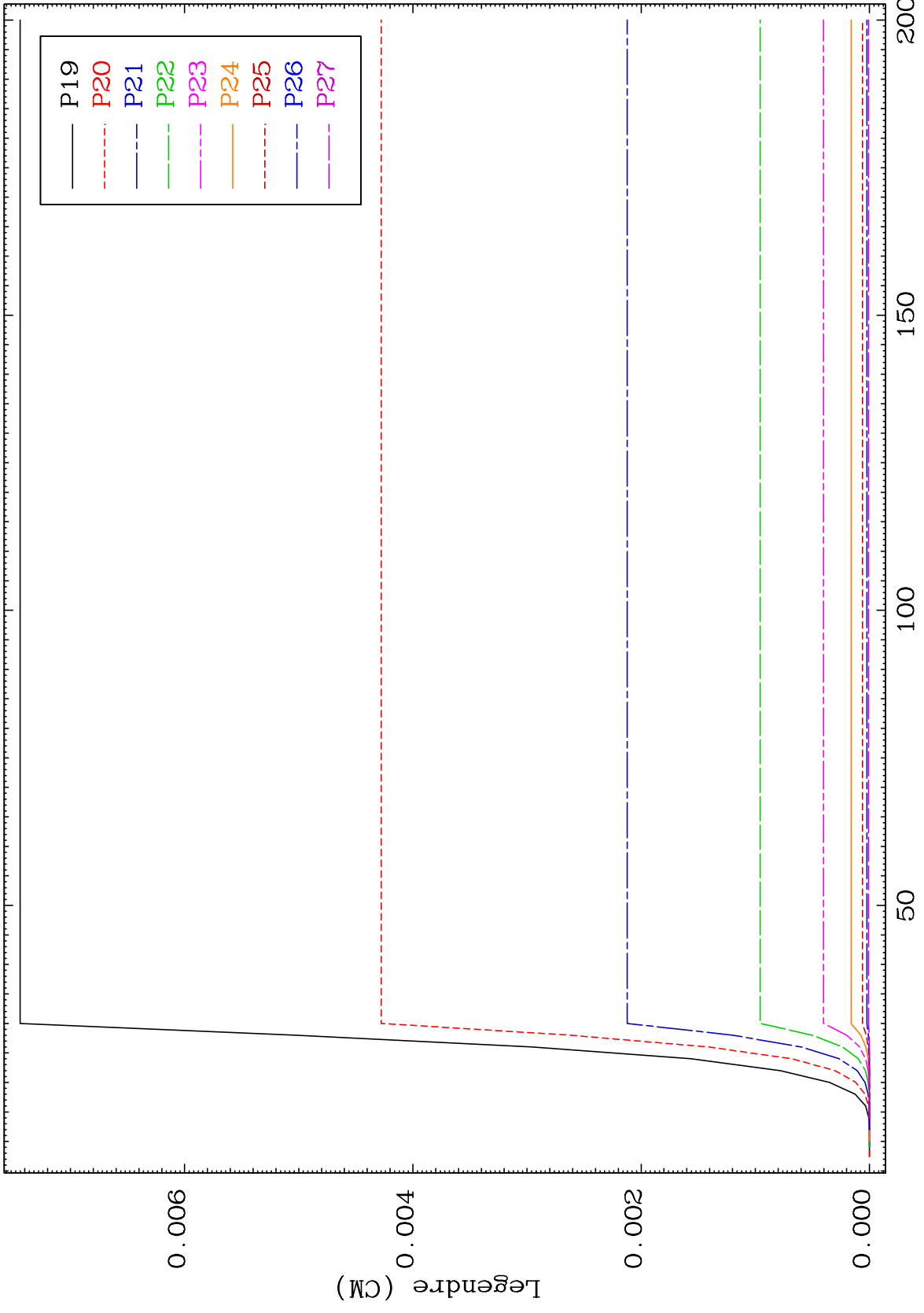
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



80

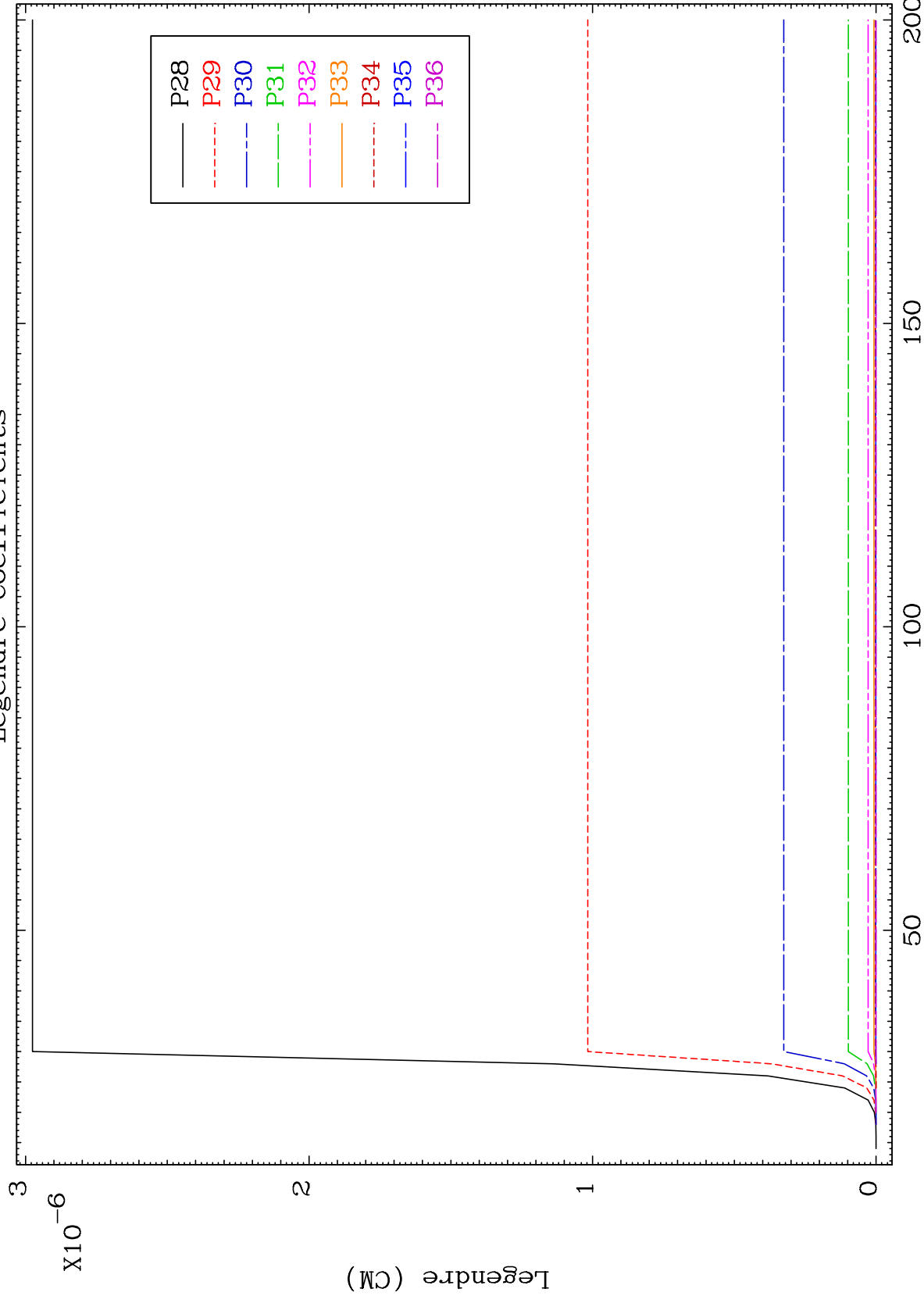
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



81

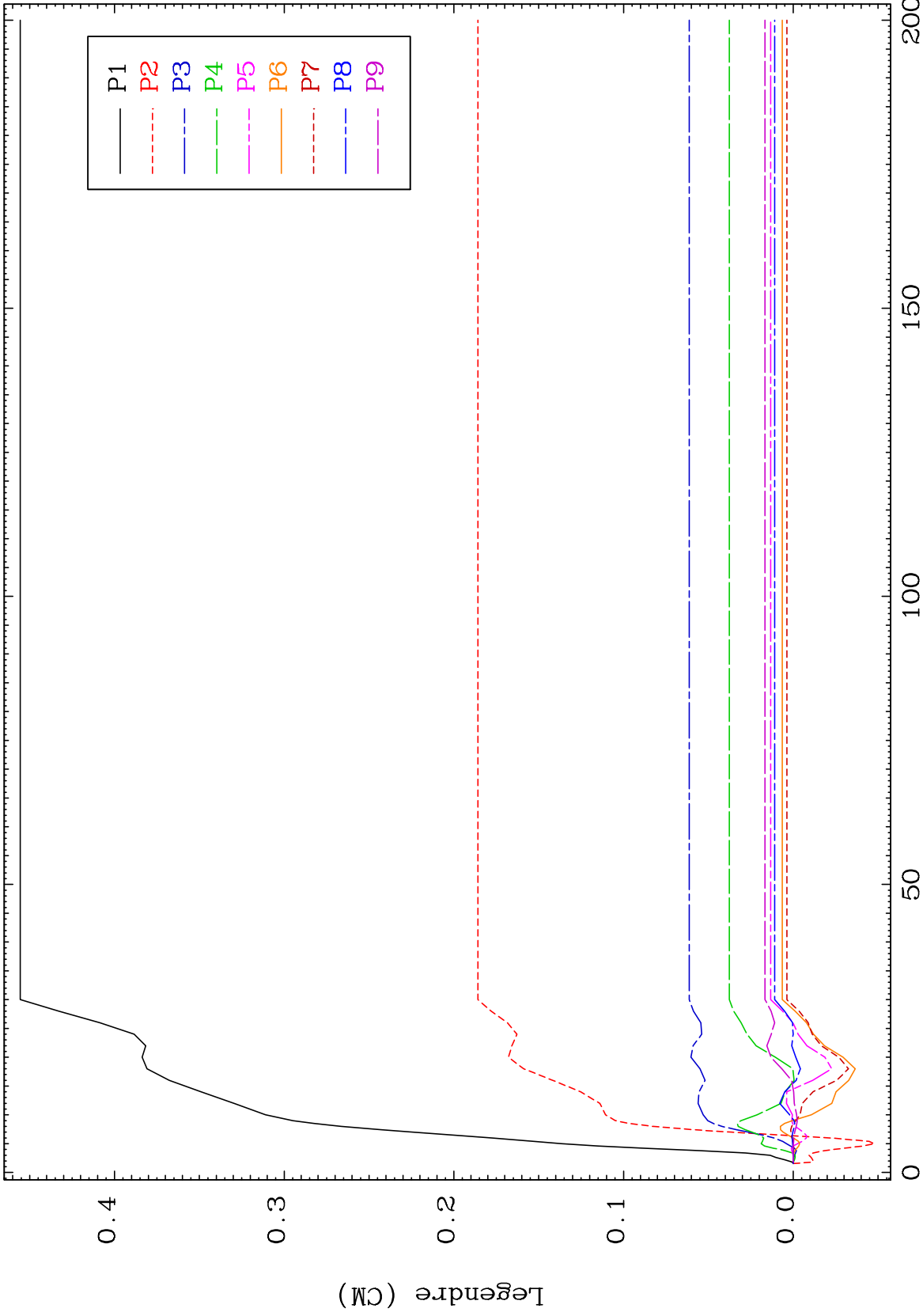
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



82

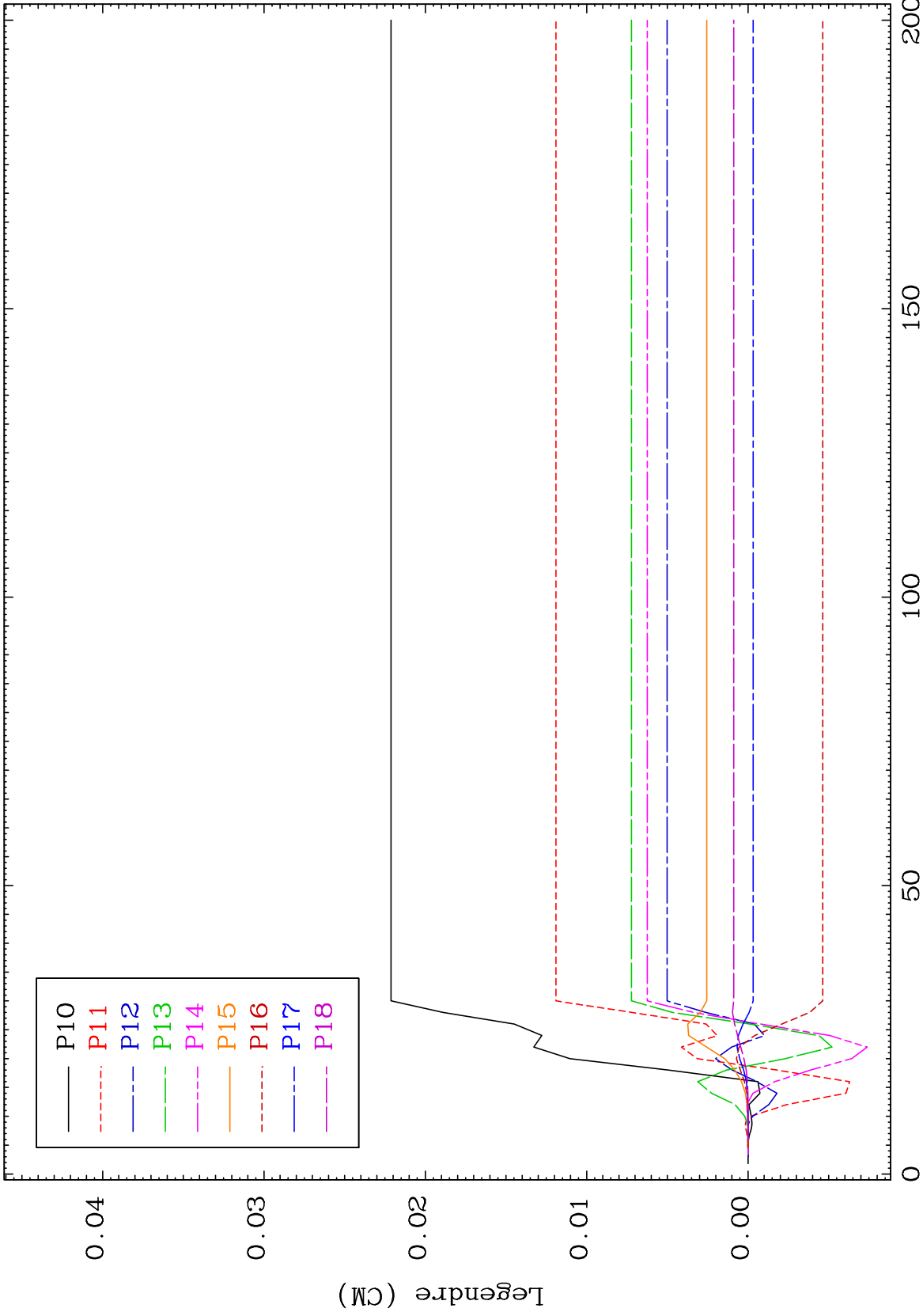
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



83

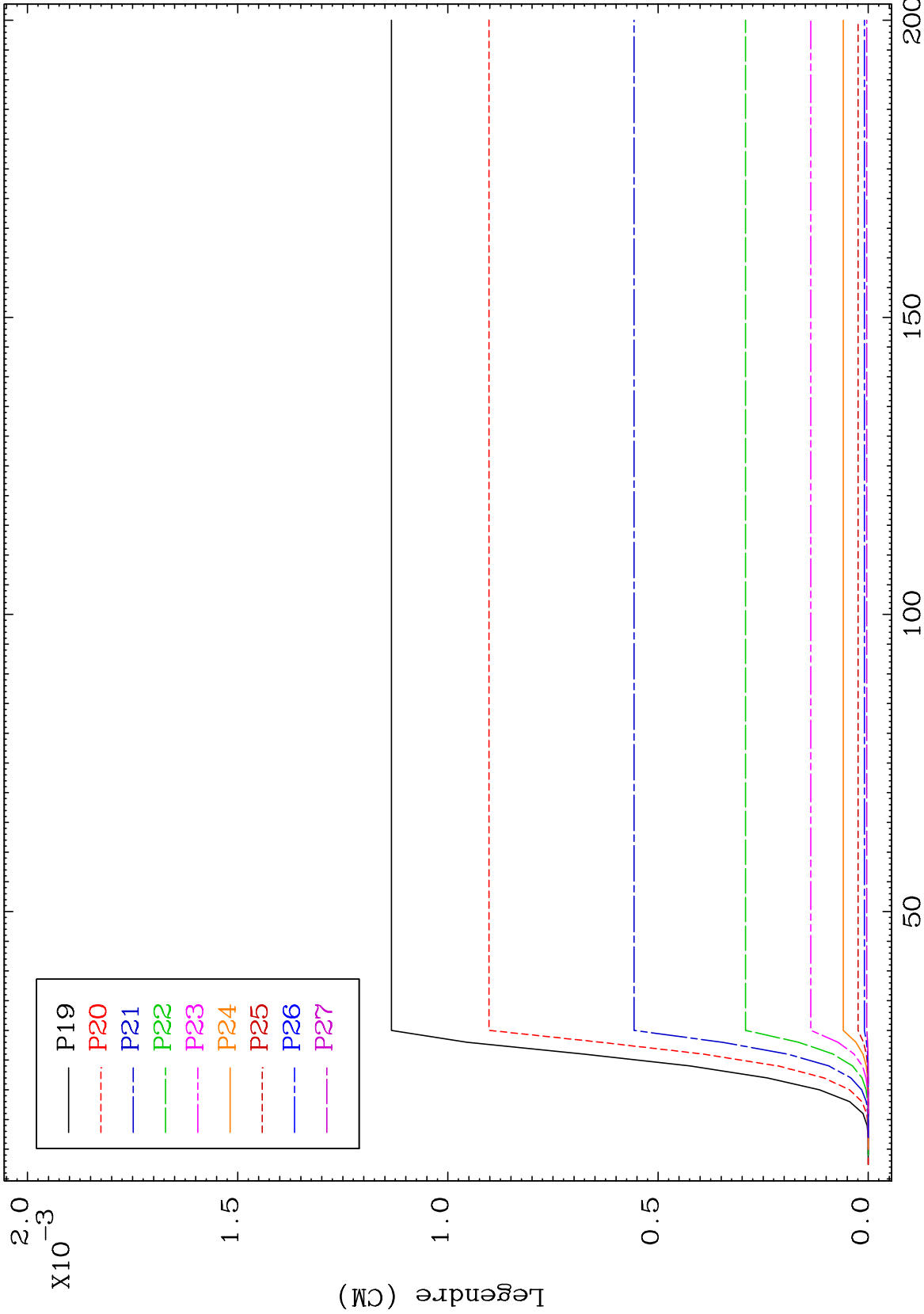
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



84

Incident Energy (MeV)

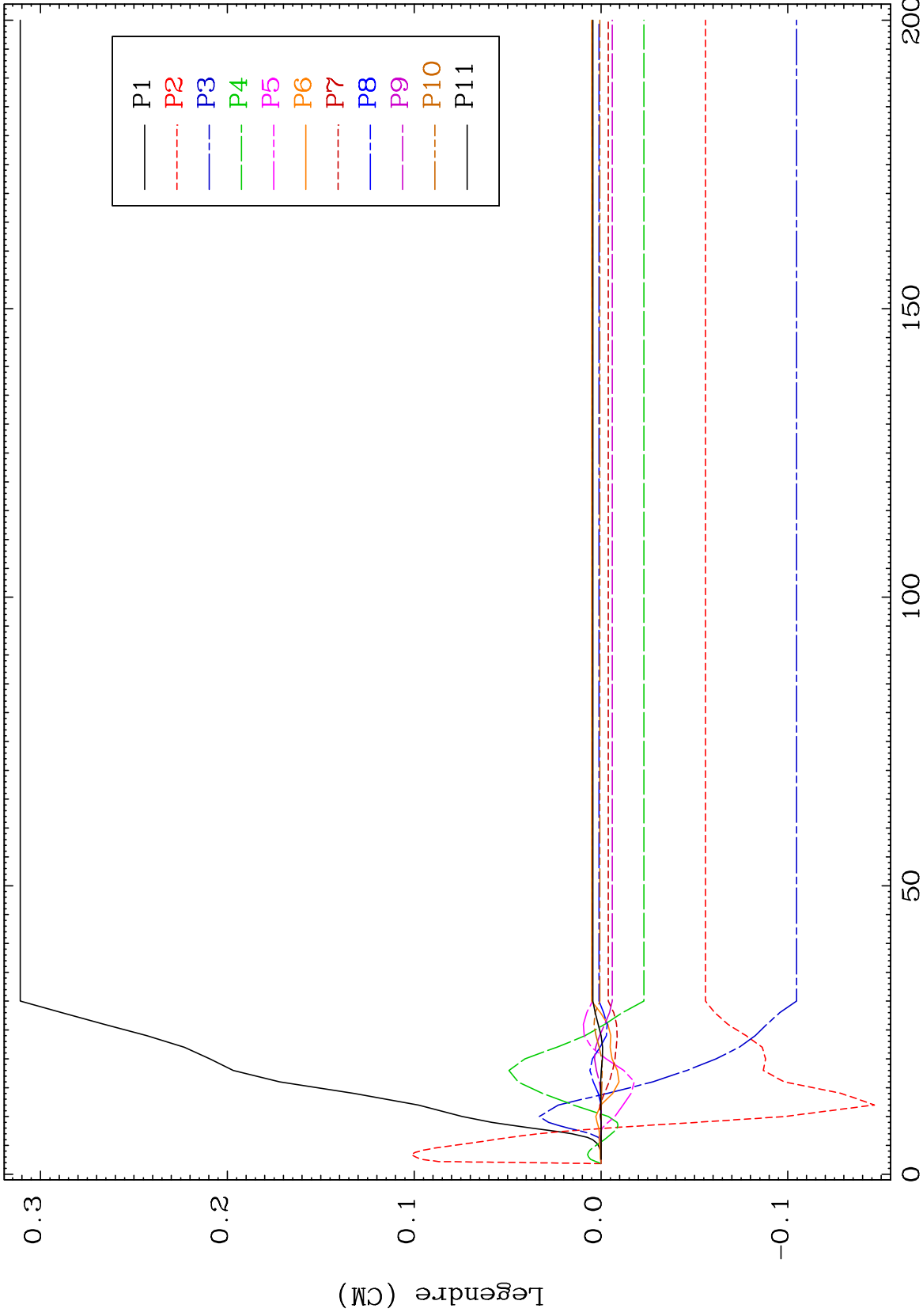
48-Cd-123



MAT 4876

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

48-Cd-123



86

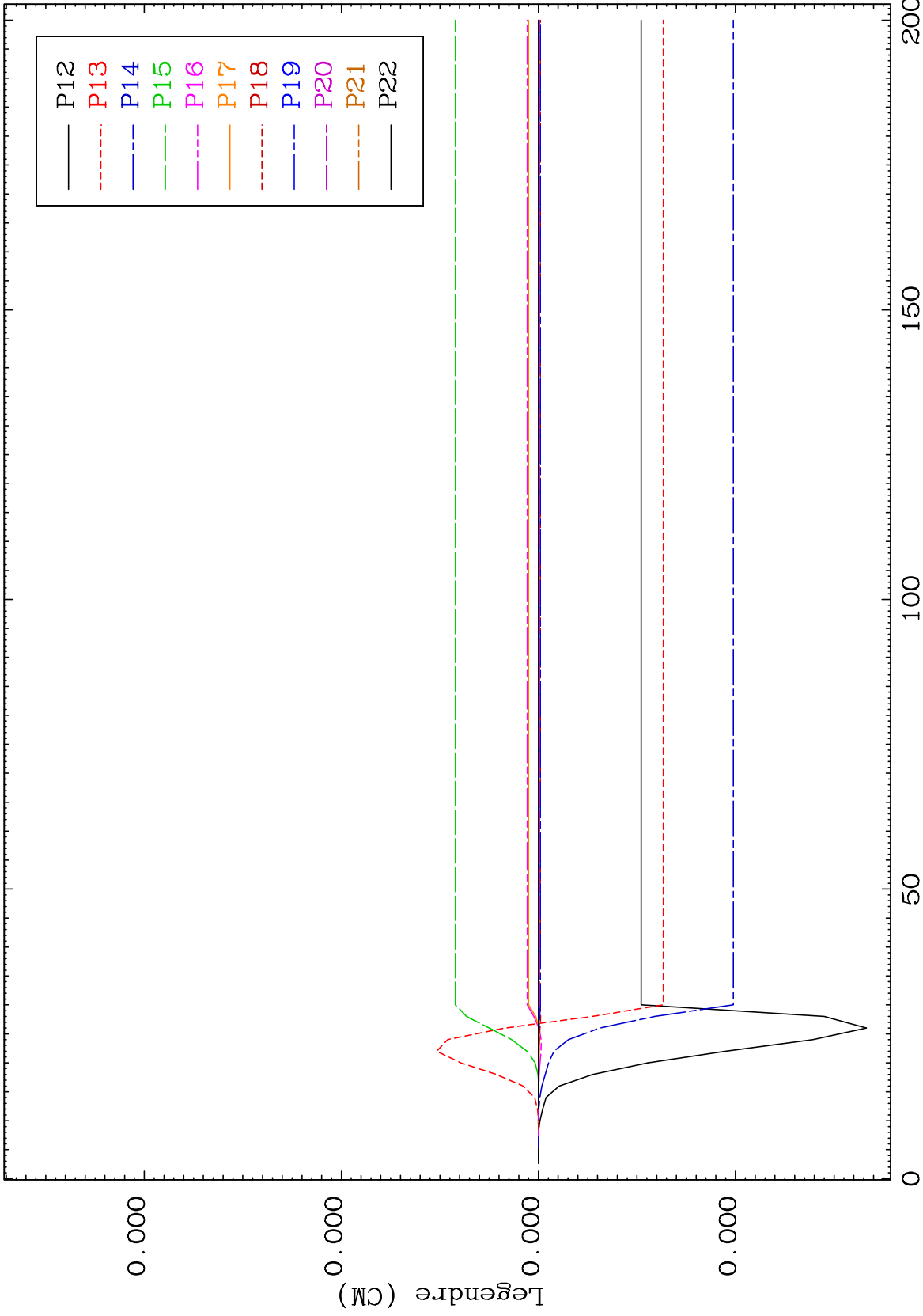
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



87

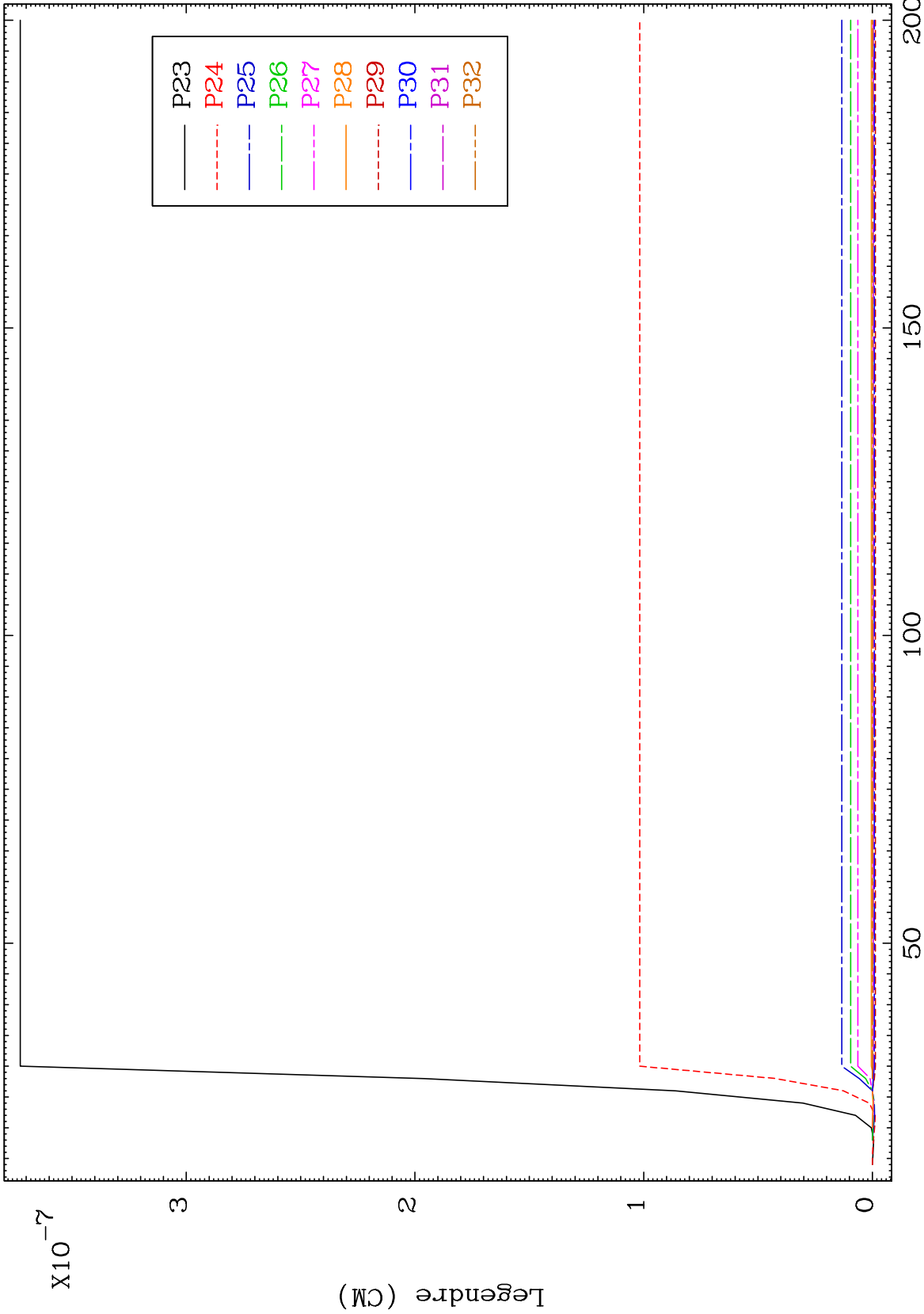
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



88

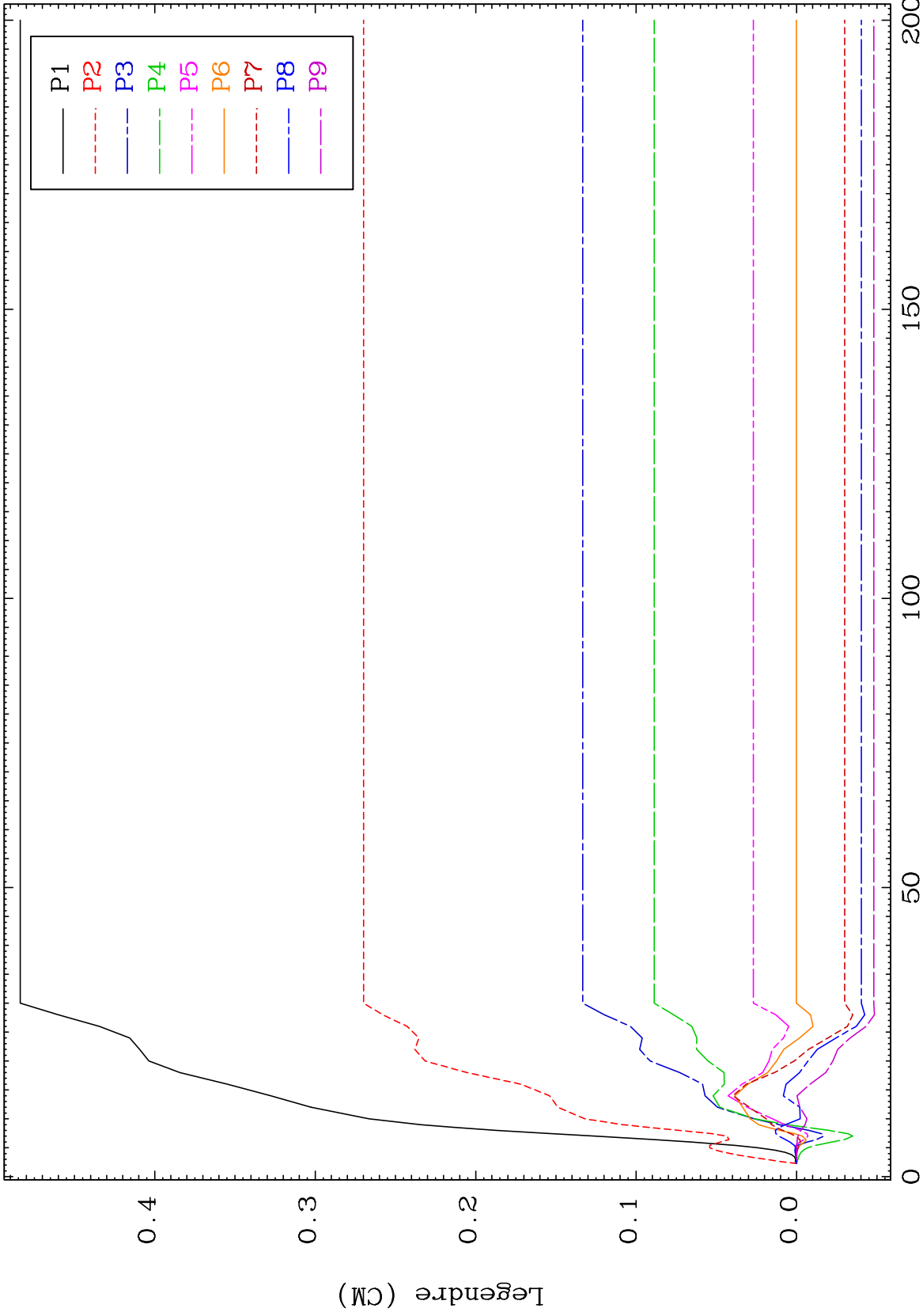
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



89

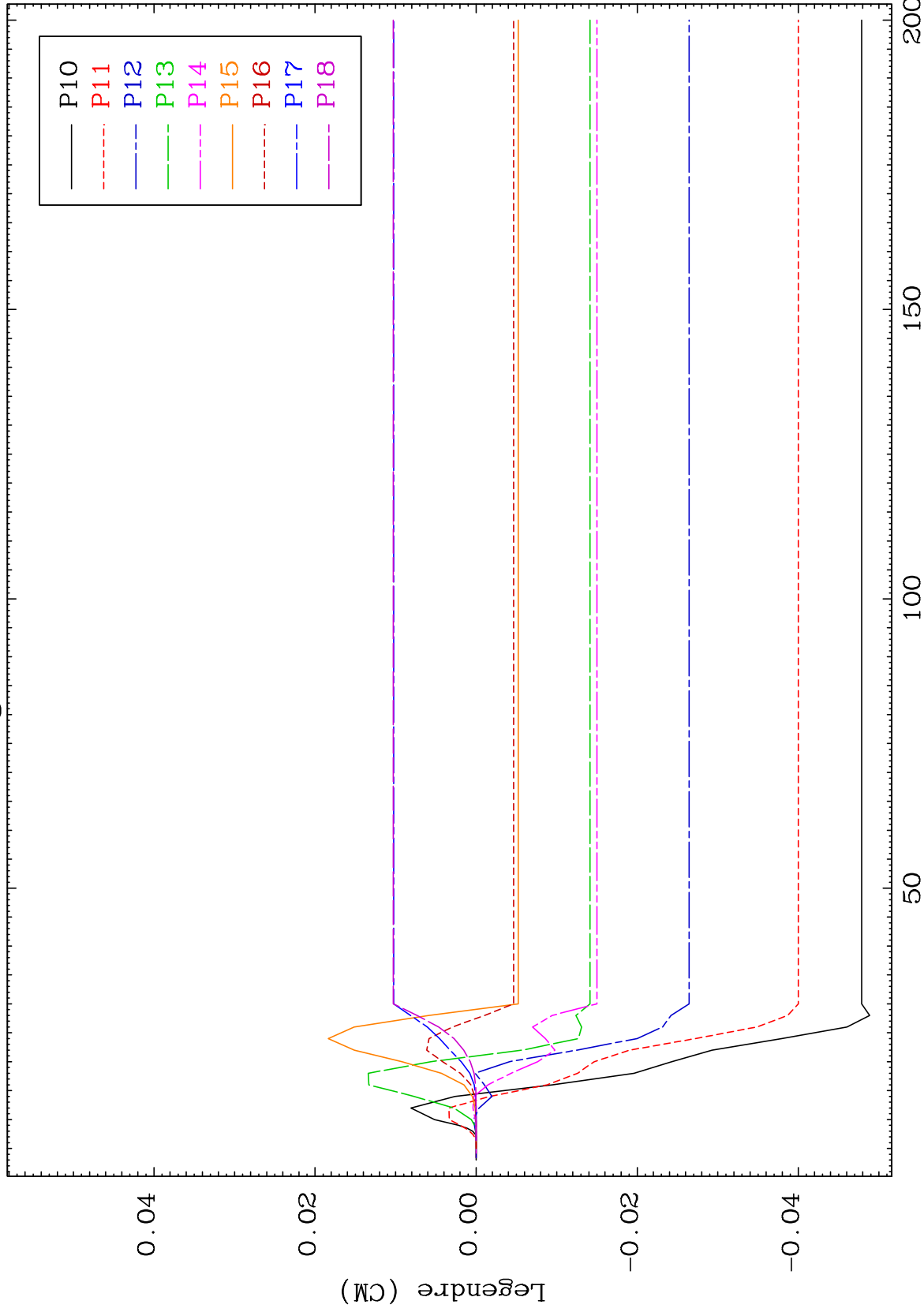
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



90

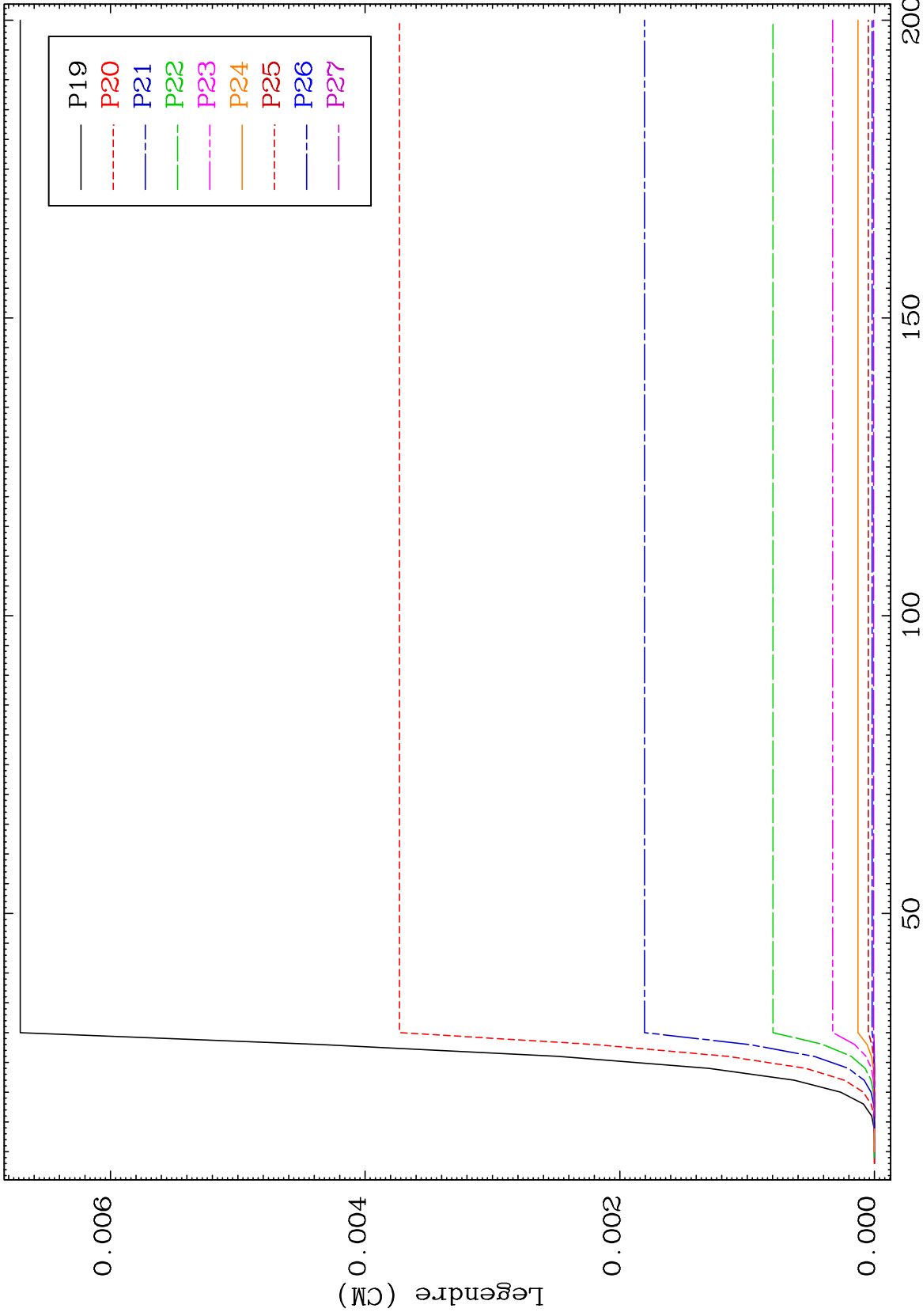
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



91

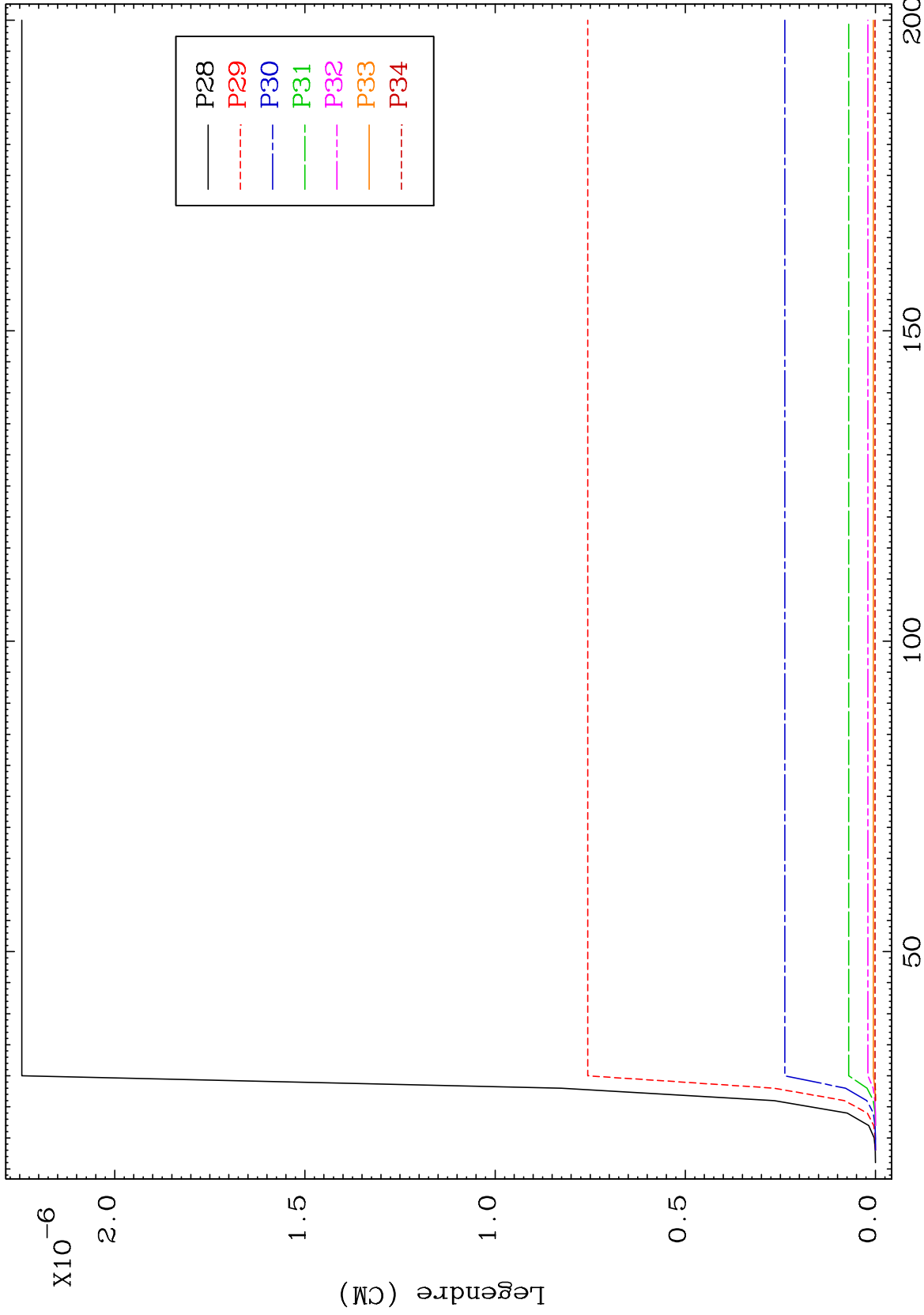
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



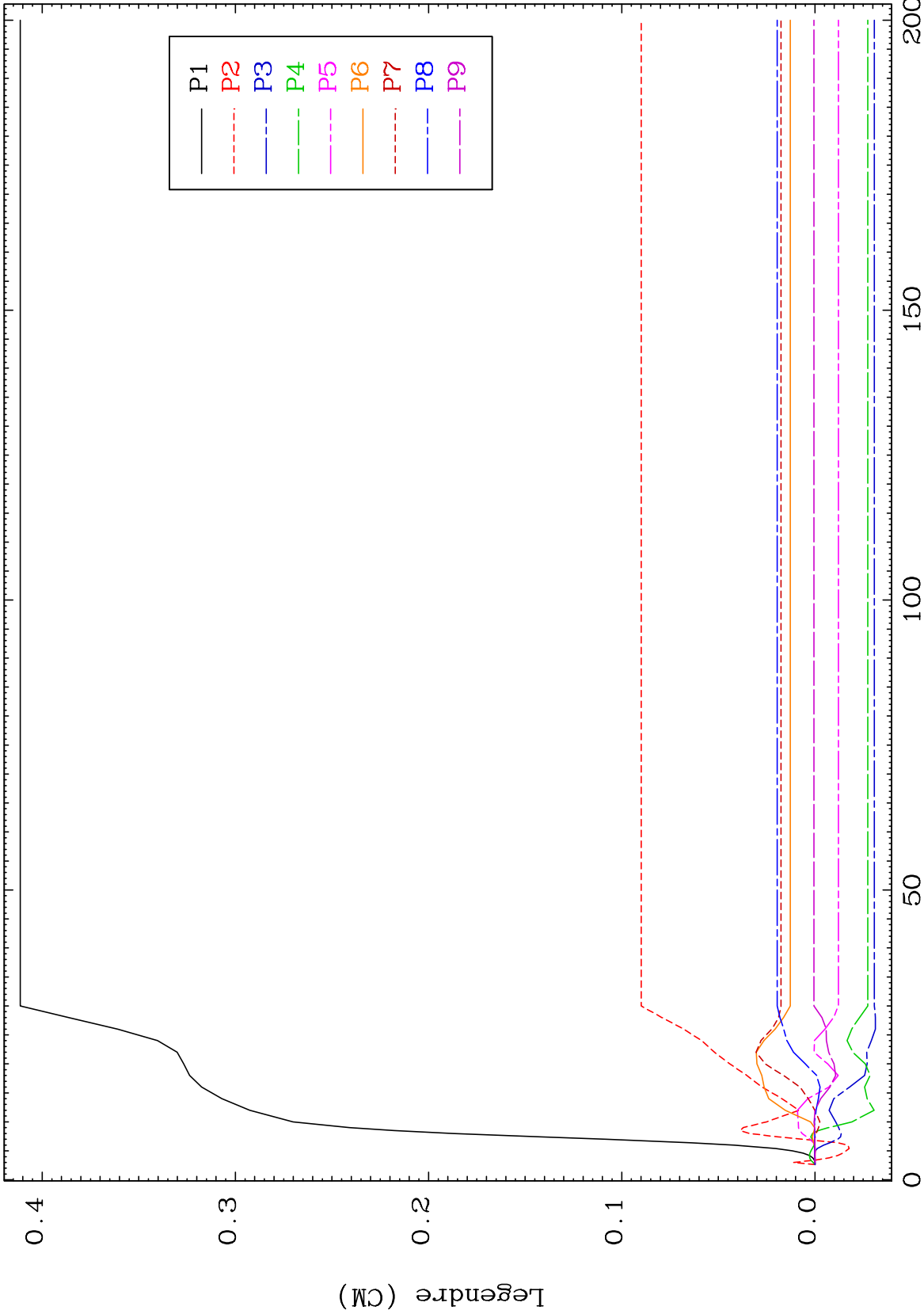
92

48-Cd-123

MAT 4876

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

48-Cd-123



93

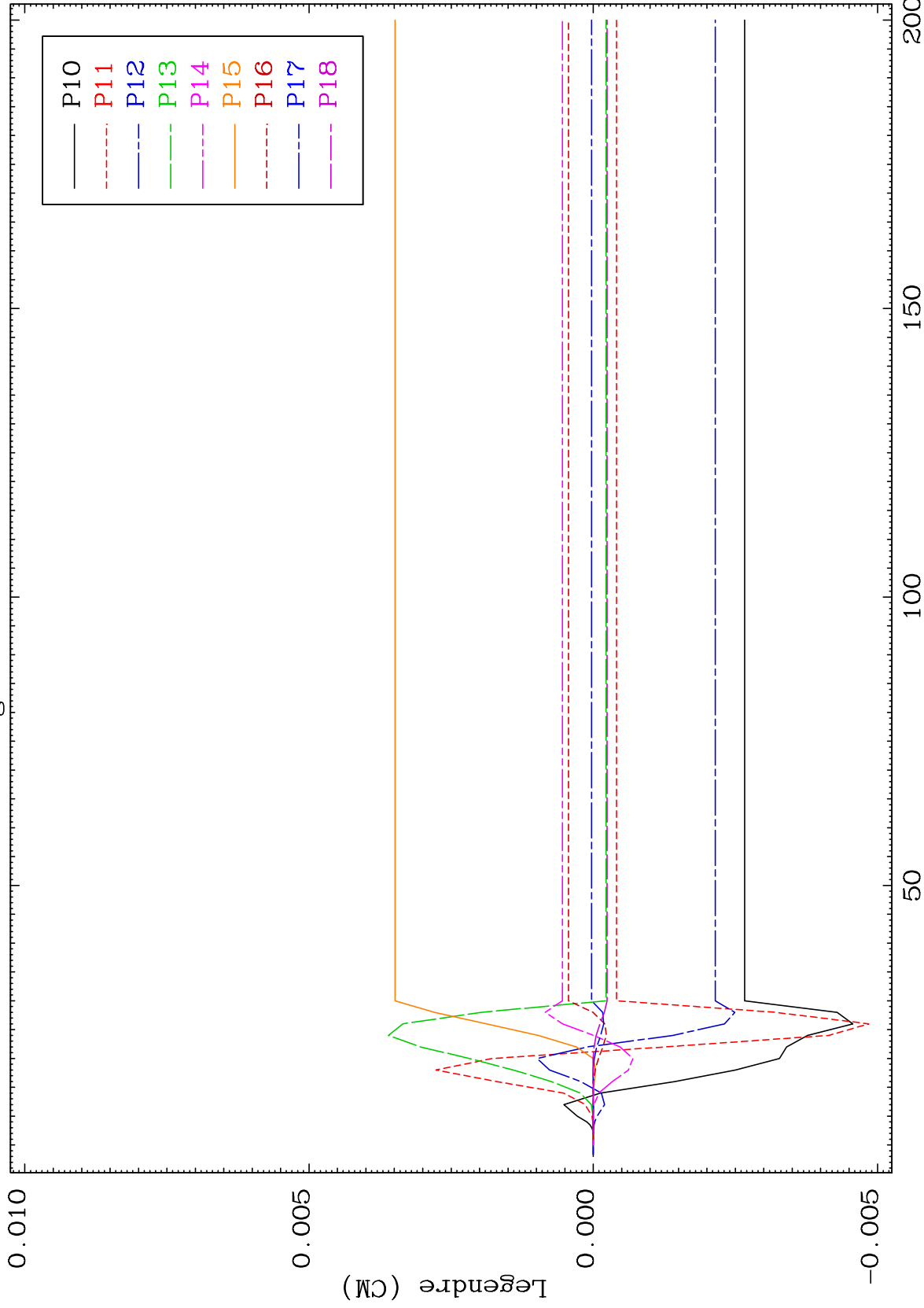
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



94

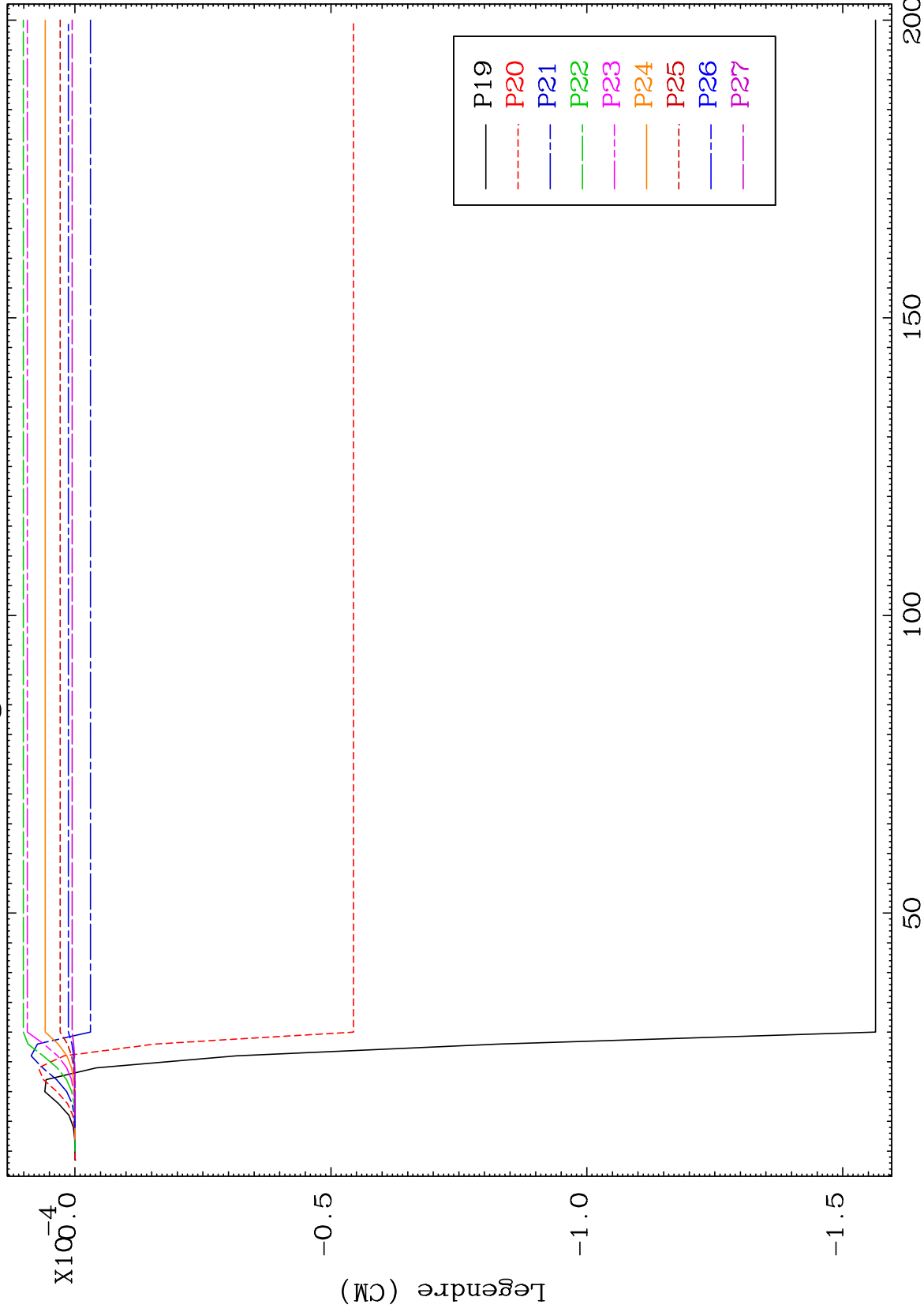
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



95

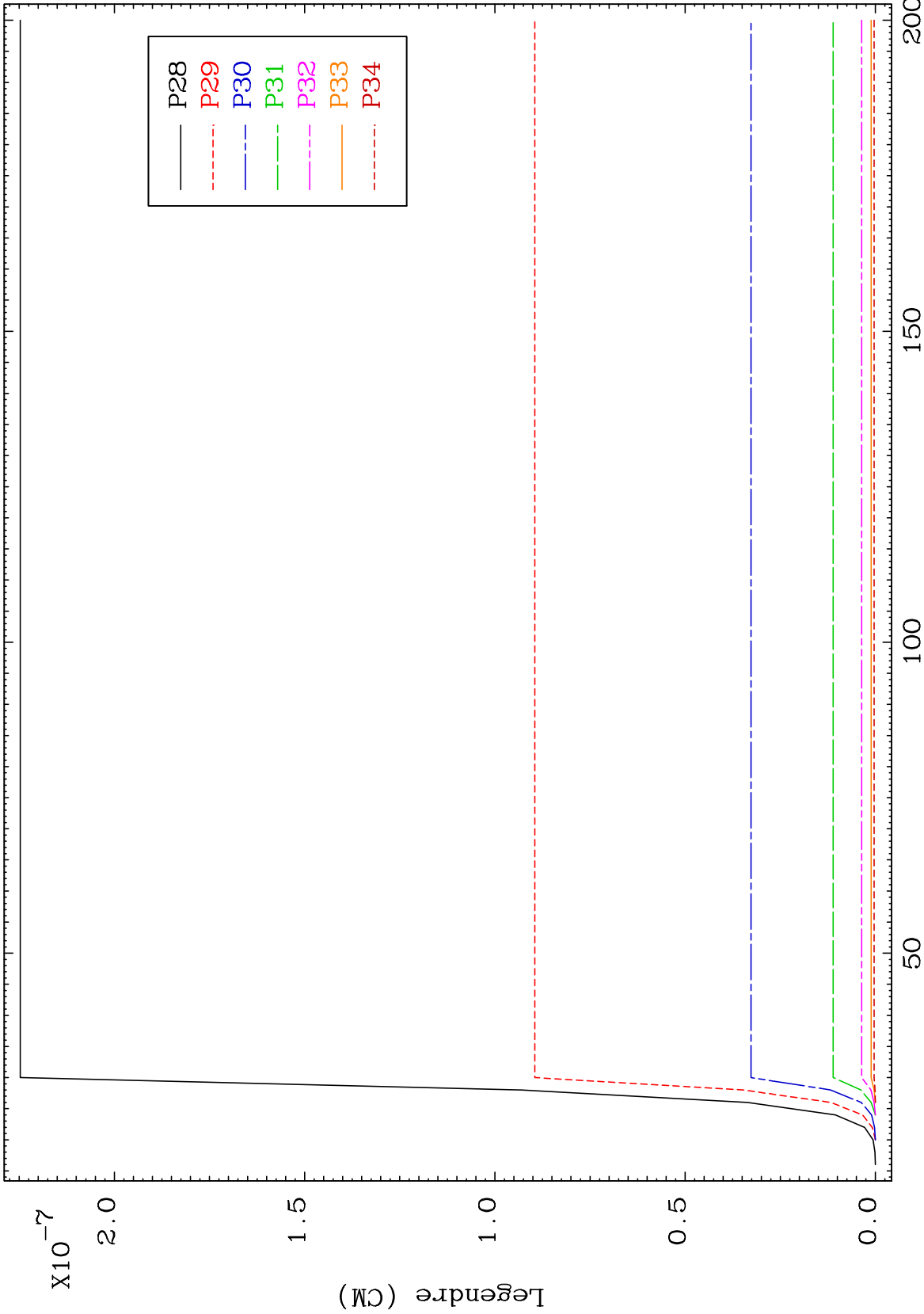
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



96

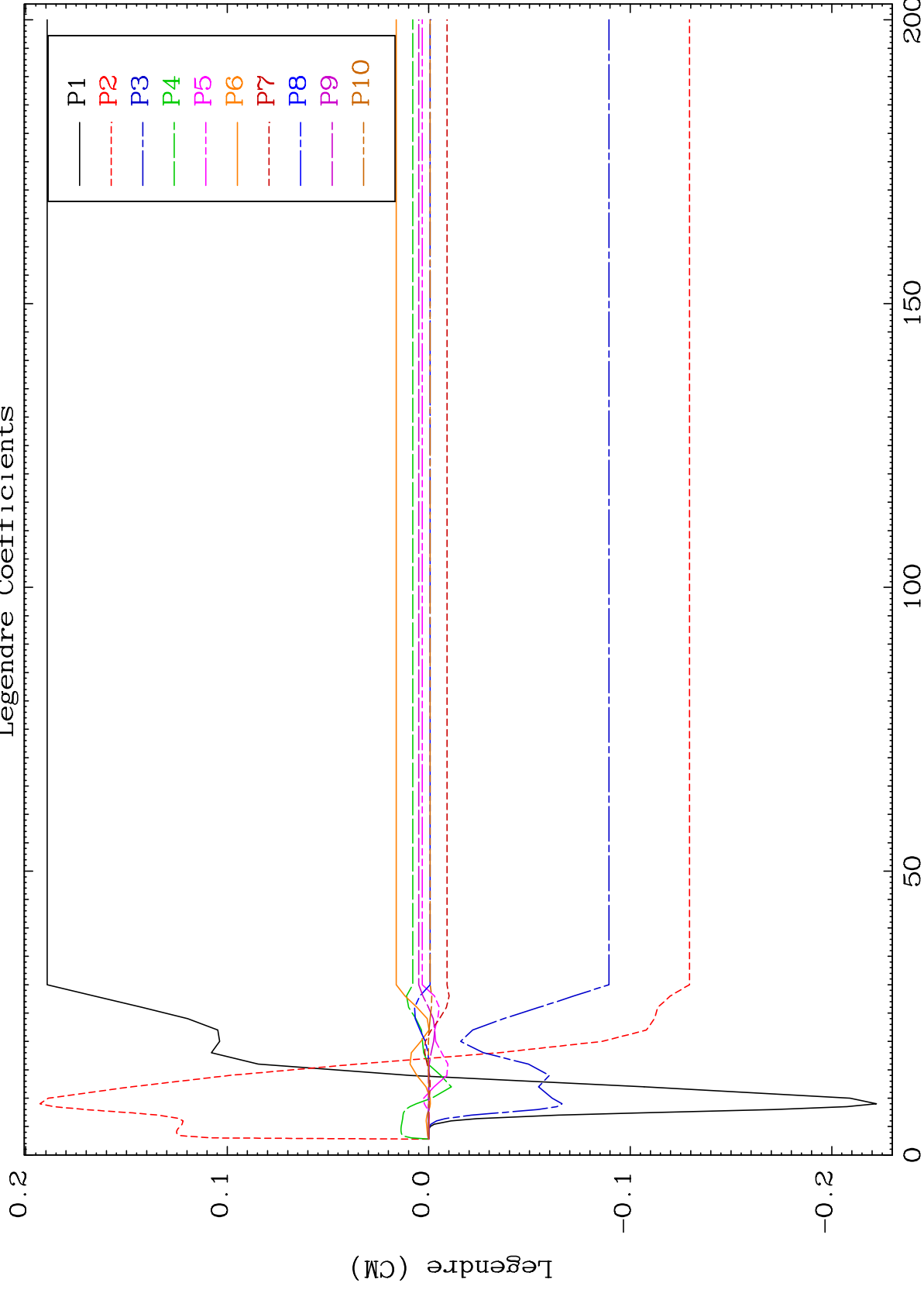
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



48-Cd-123

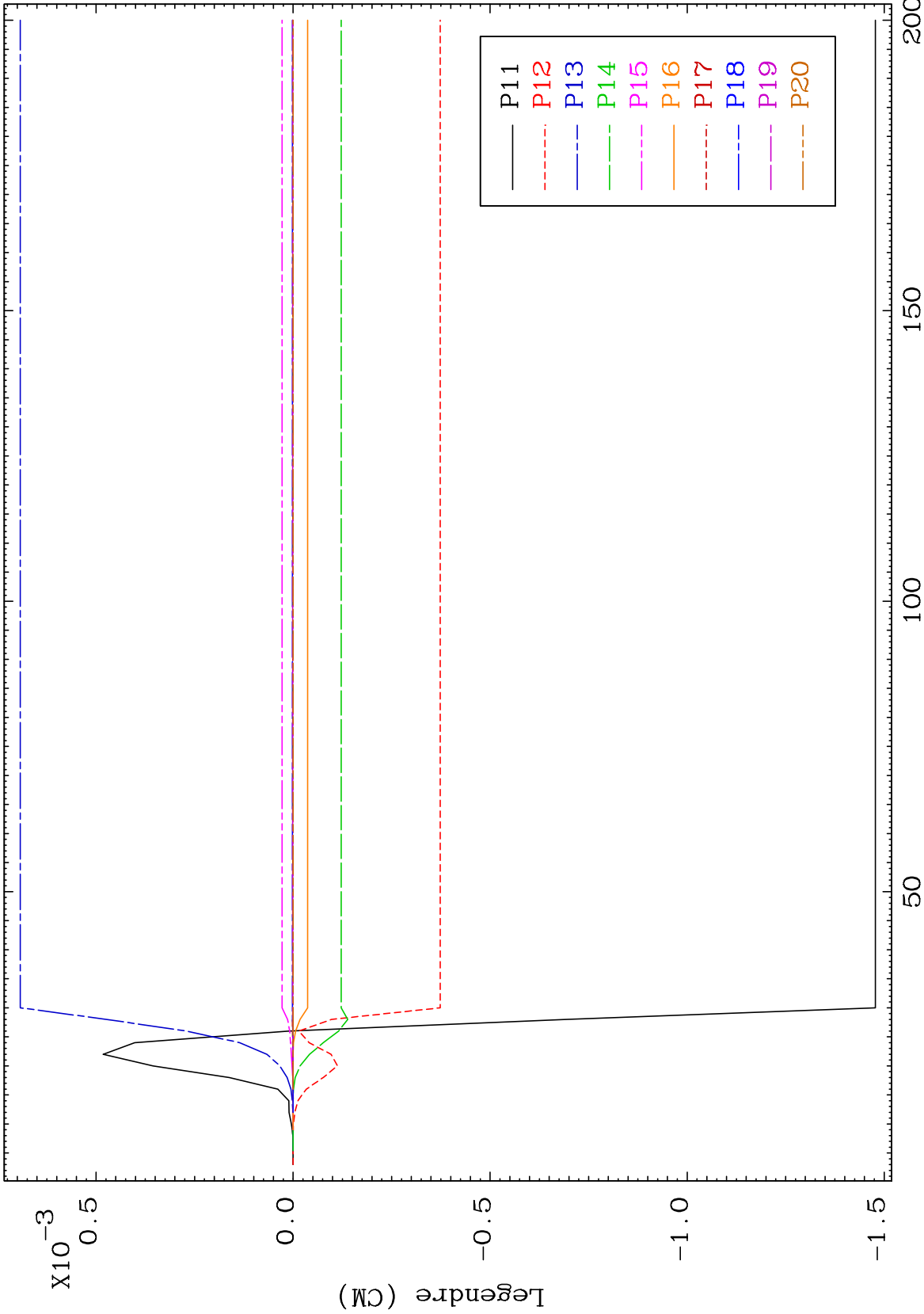
Incident Energy (MeV)

97

MAT 4876

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

48-Cd-123



98

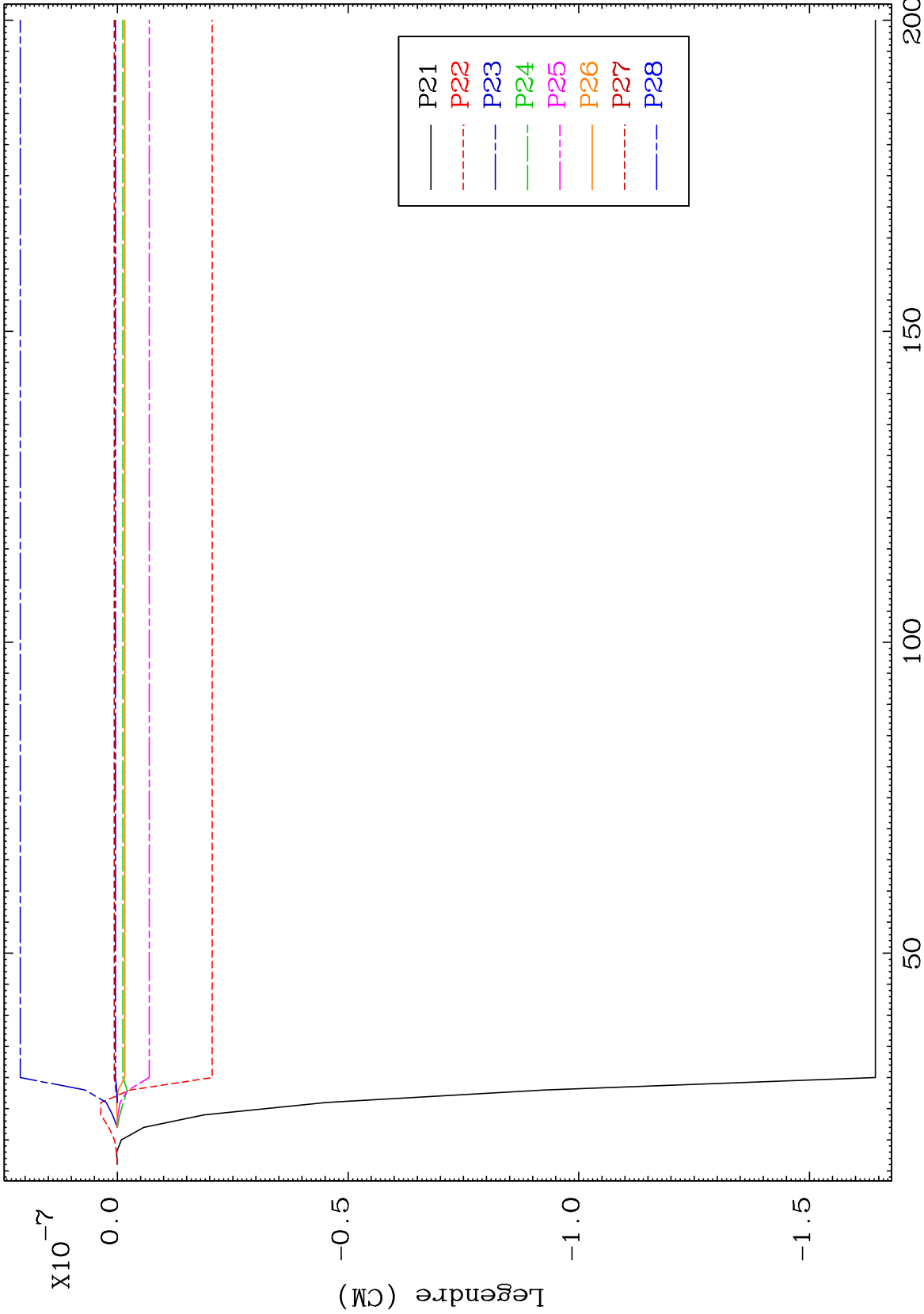
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



99

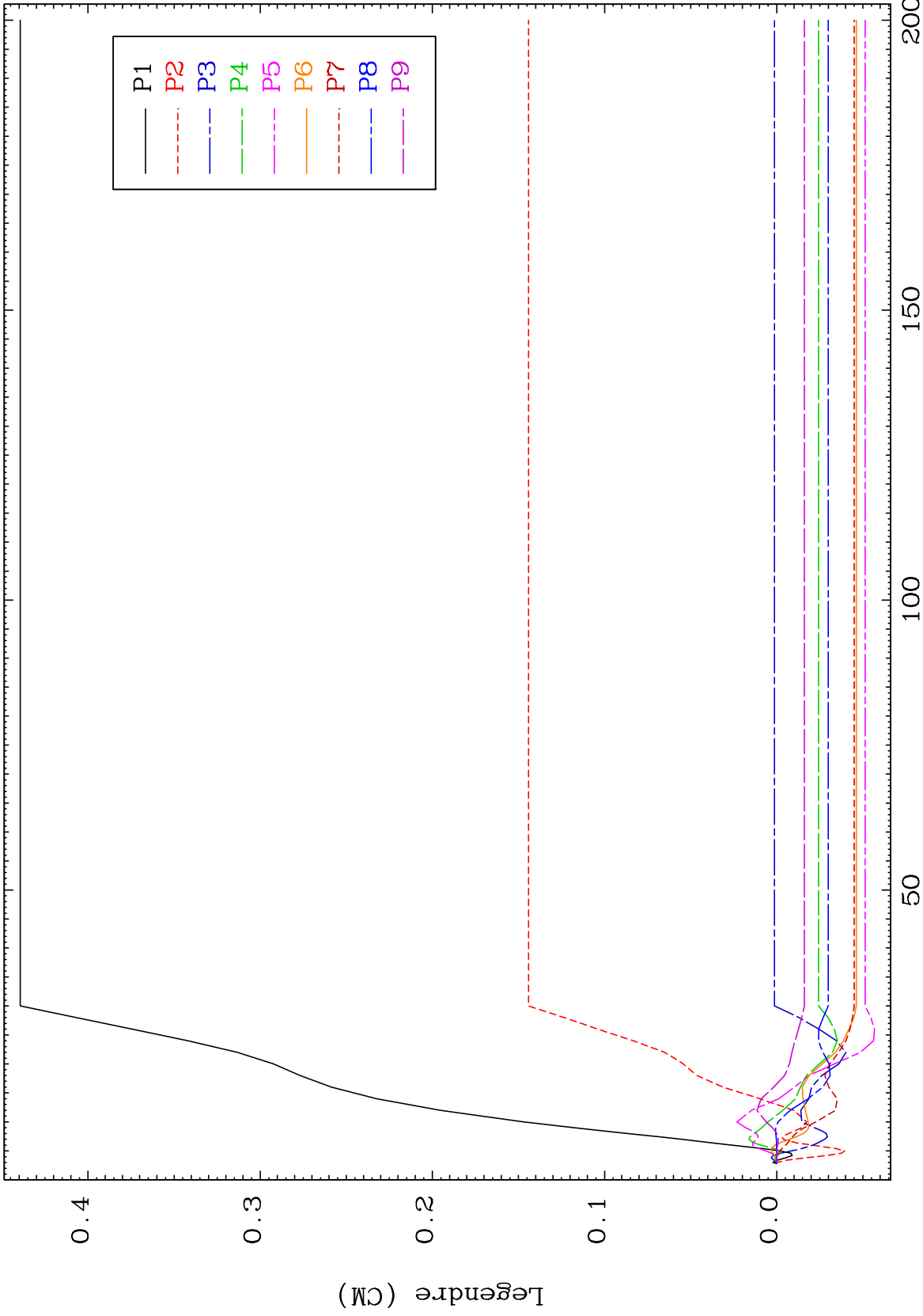
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



48-Cd-123

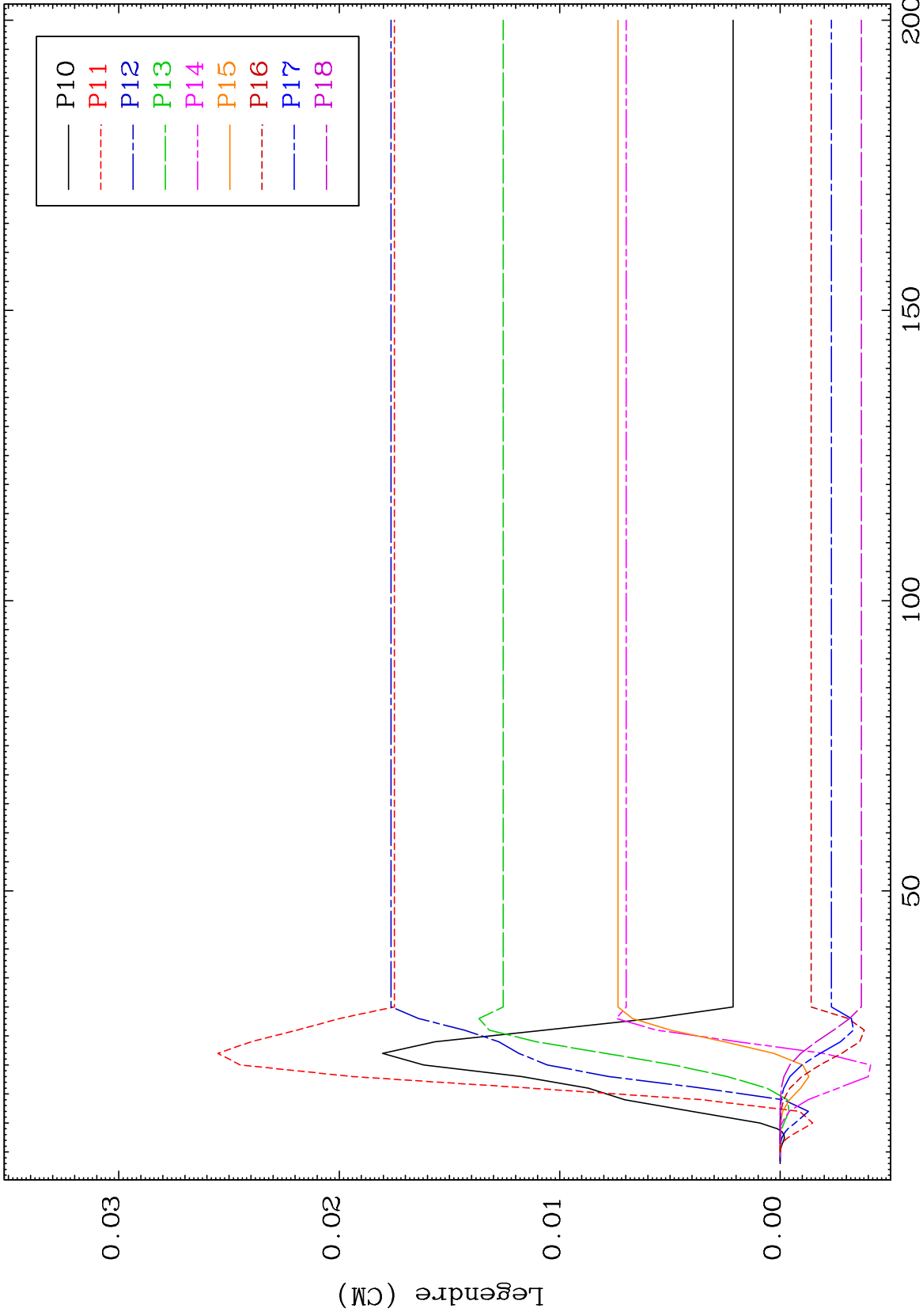
Incident Energy (MeV)

Legendre (CM)

MAT 4876

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

48-Cd-123



101

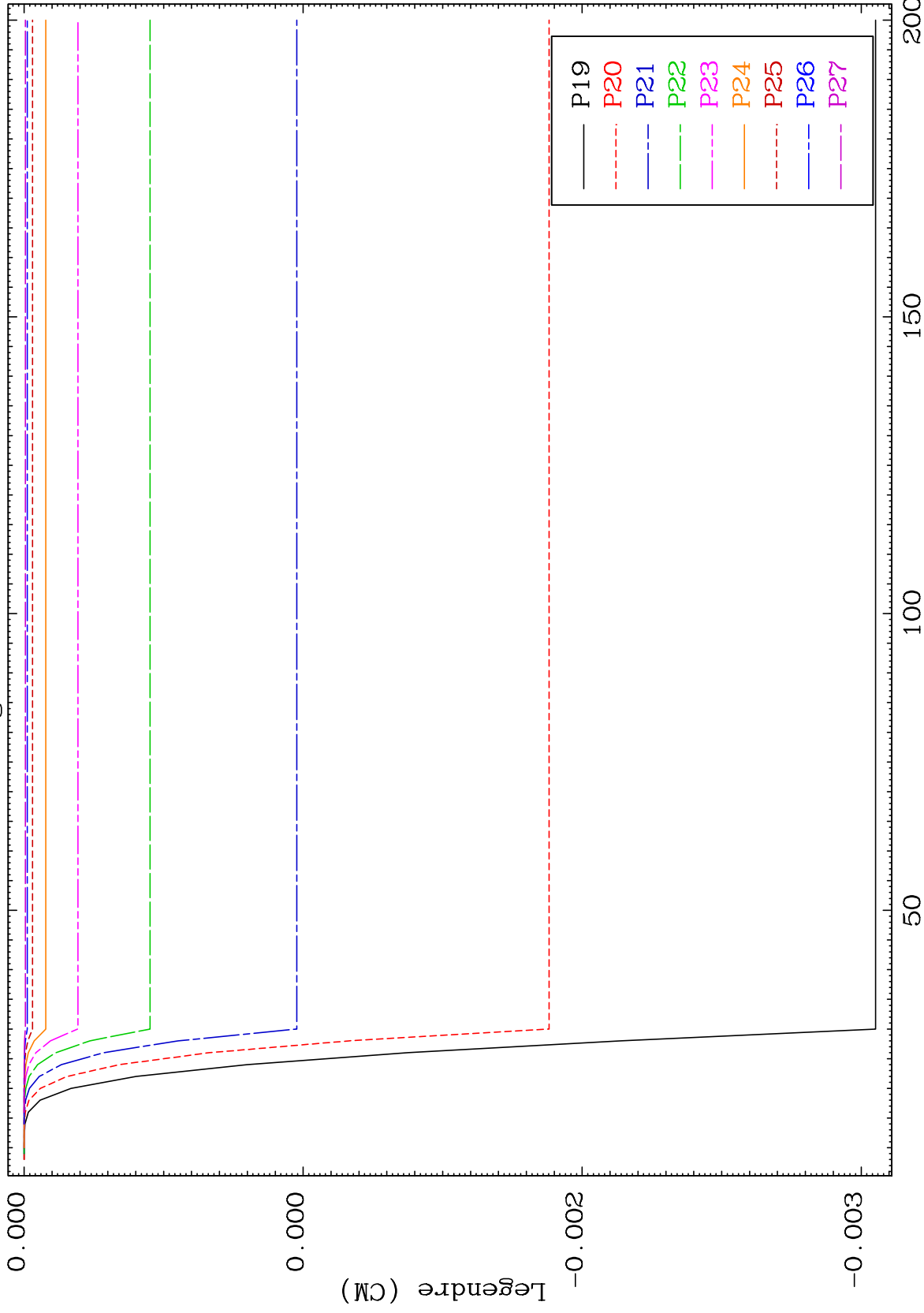
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



48-Cd-123

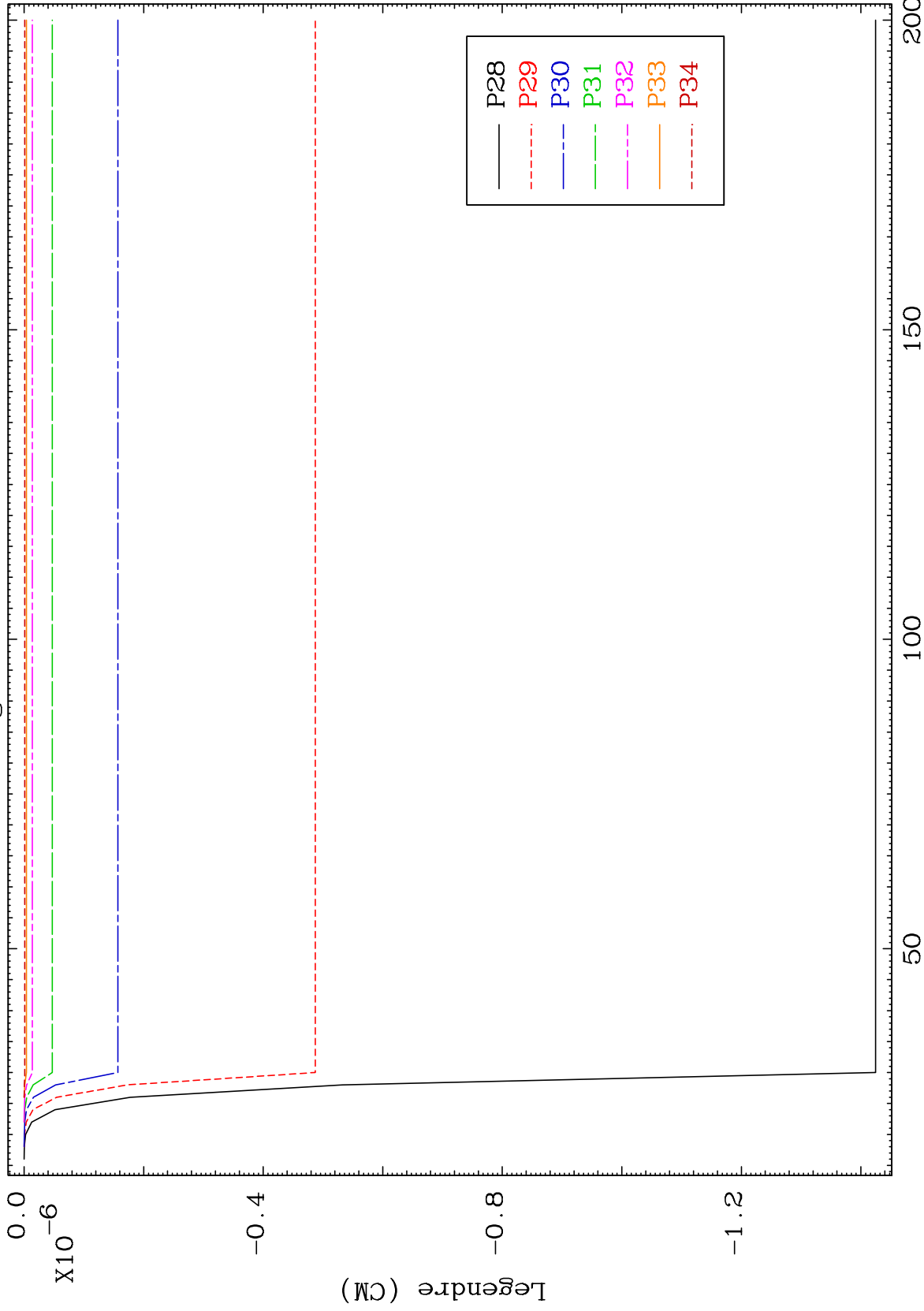
Incident Energy (MeV)

102

MAT 4876

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

48-Cd-123



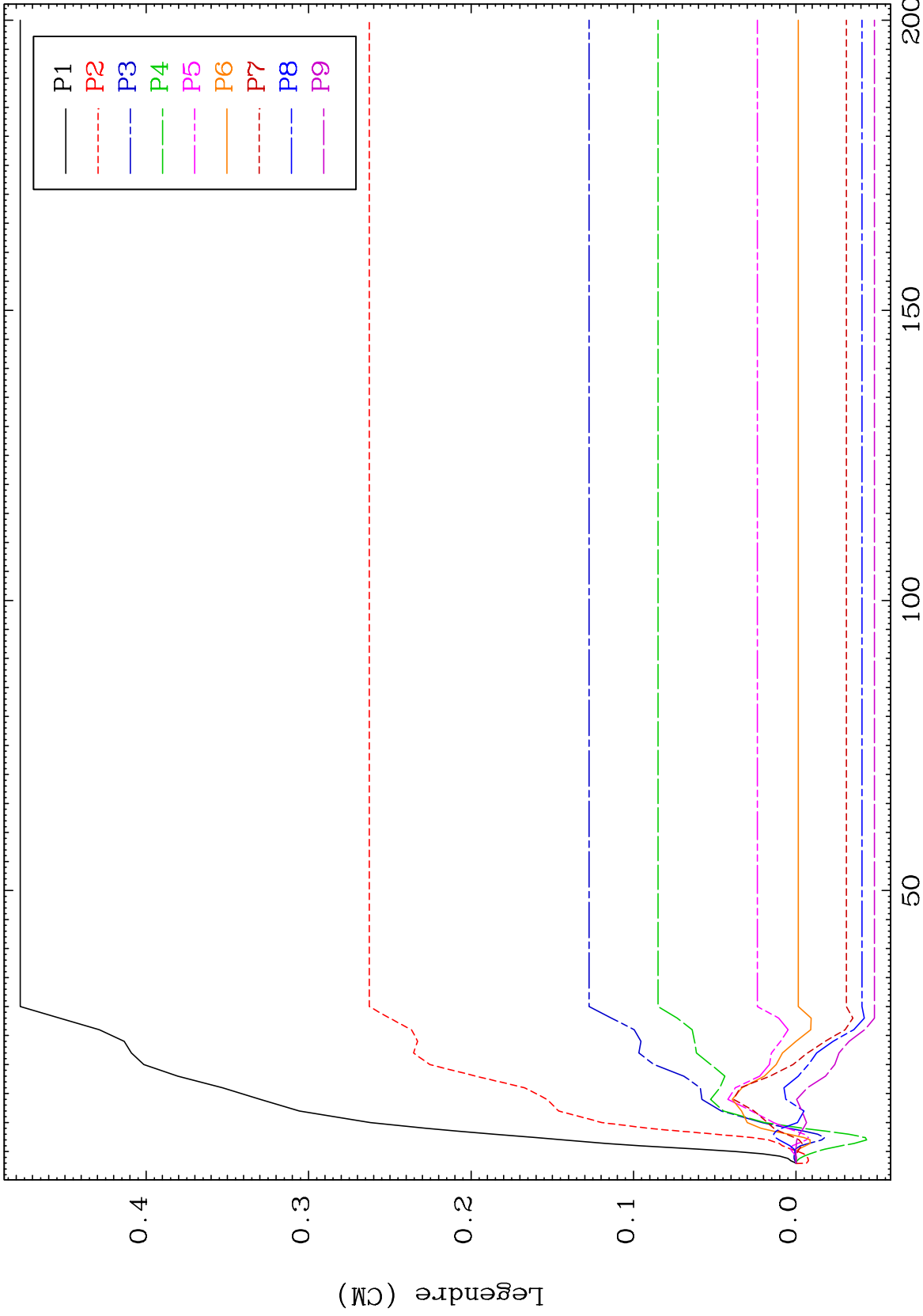
103

48-Cd-123

MAT 4876

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

48-Cd-123



104

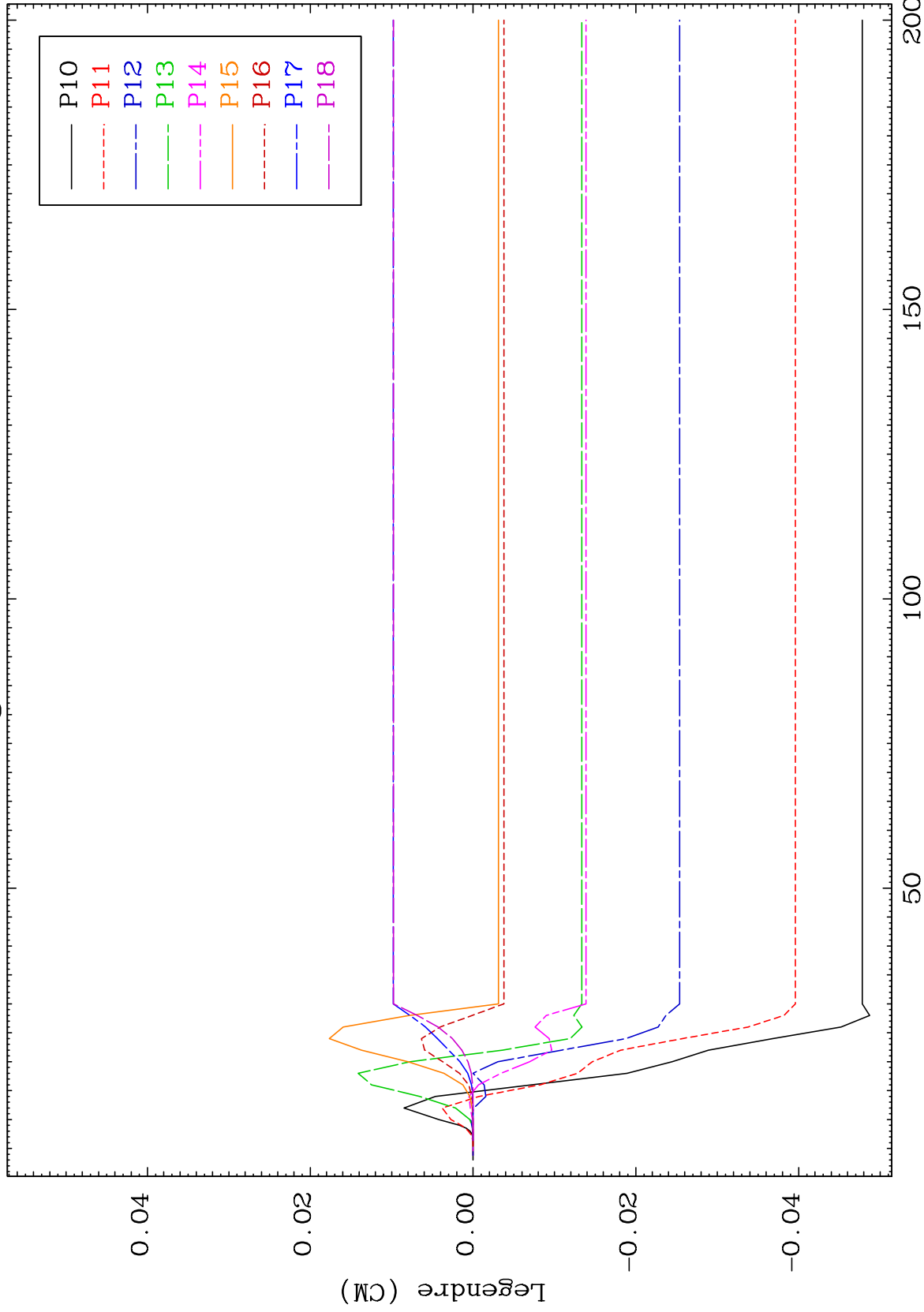
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



105

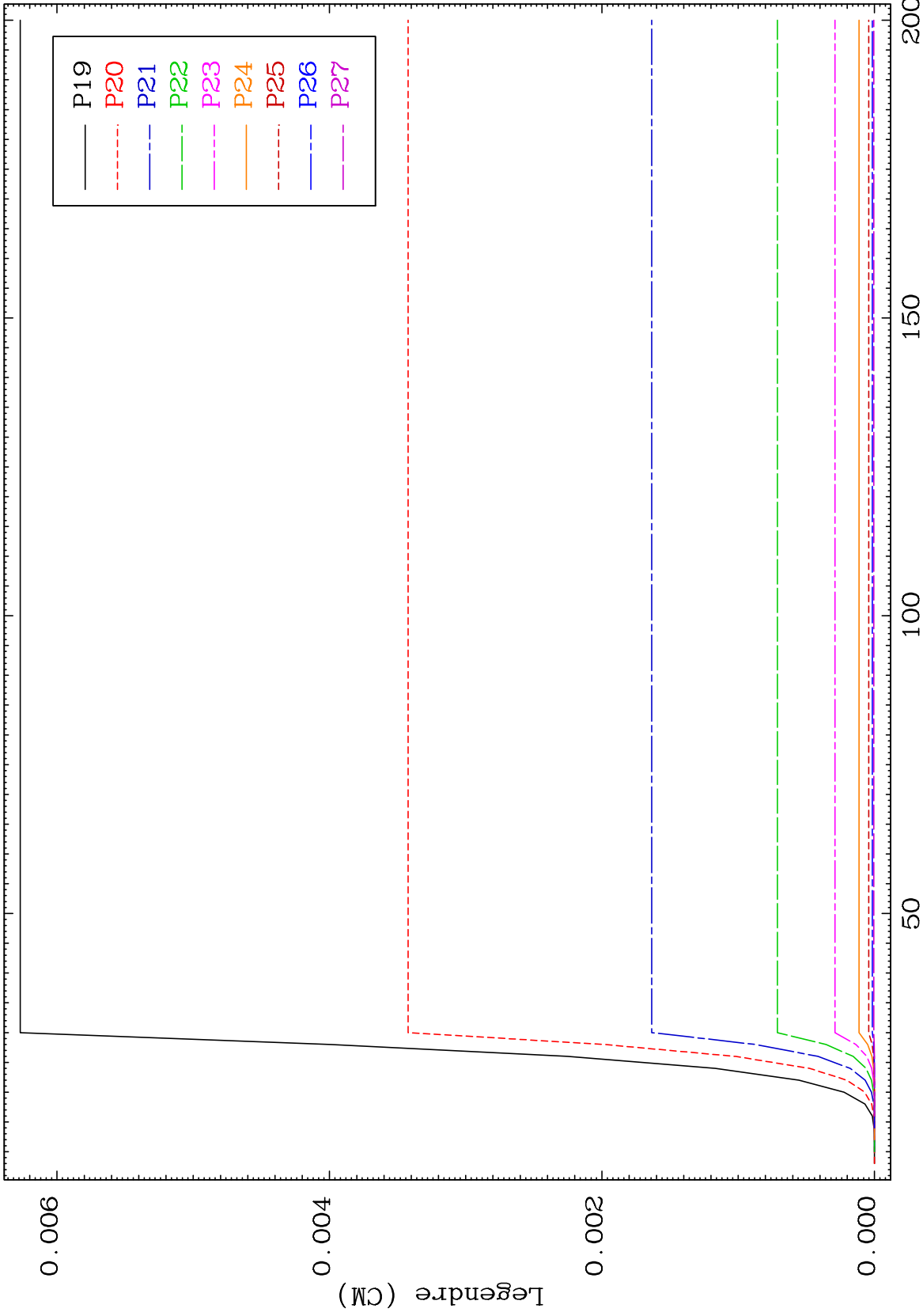
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



106

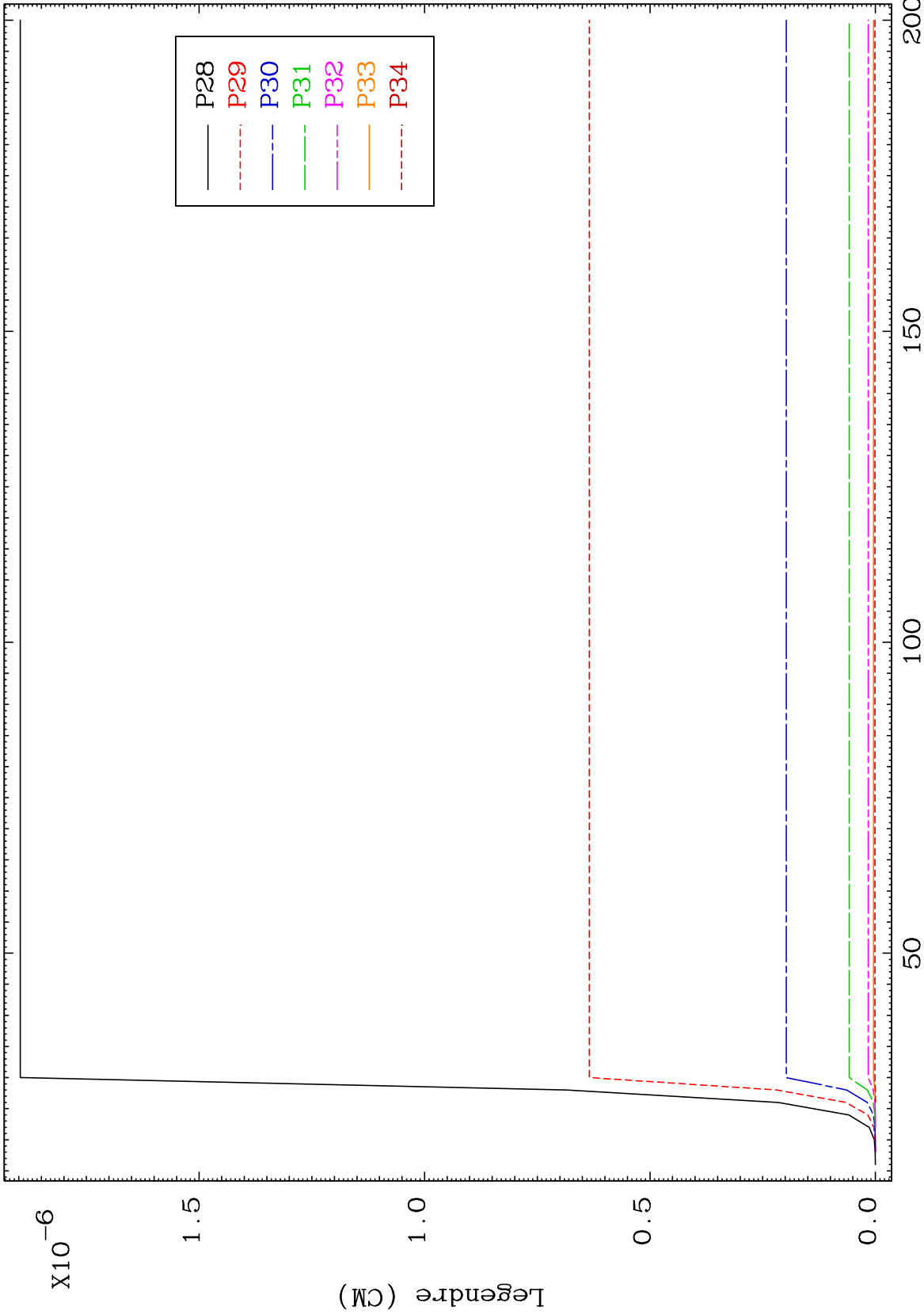
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



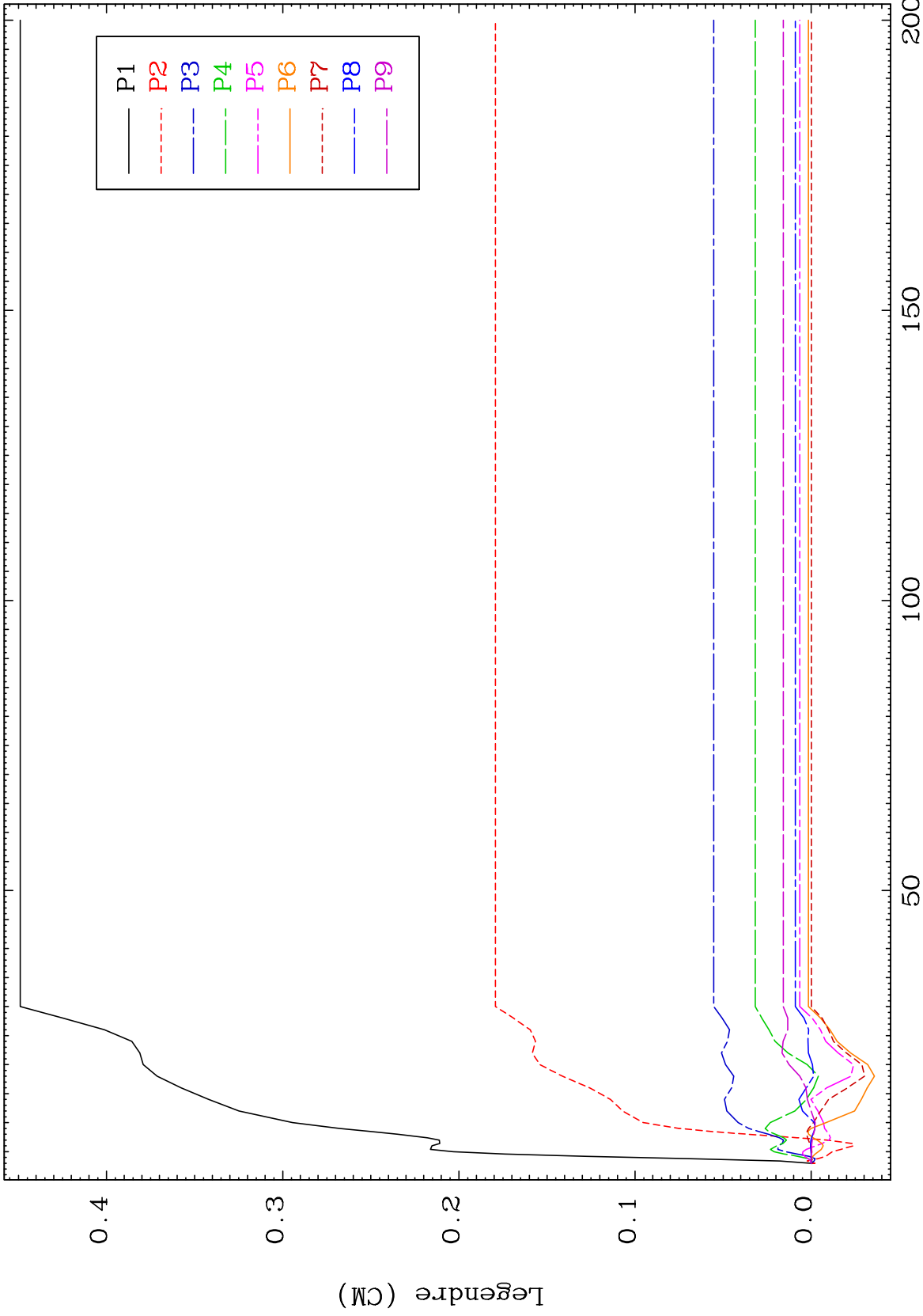
107

48-Cd-123

MAT 4876

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

48-Cd-123



108

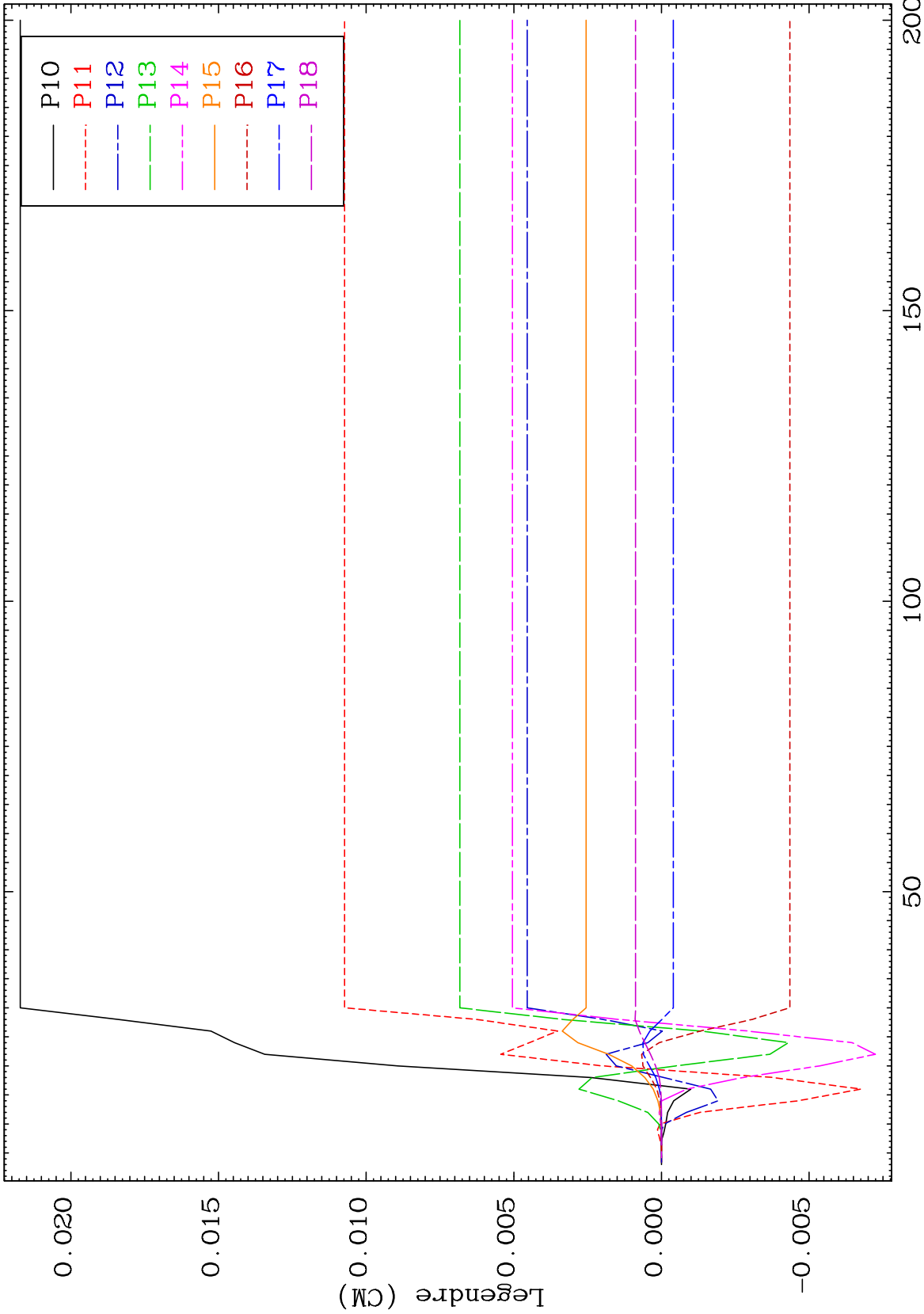
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



48-Cd-123

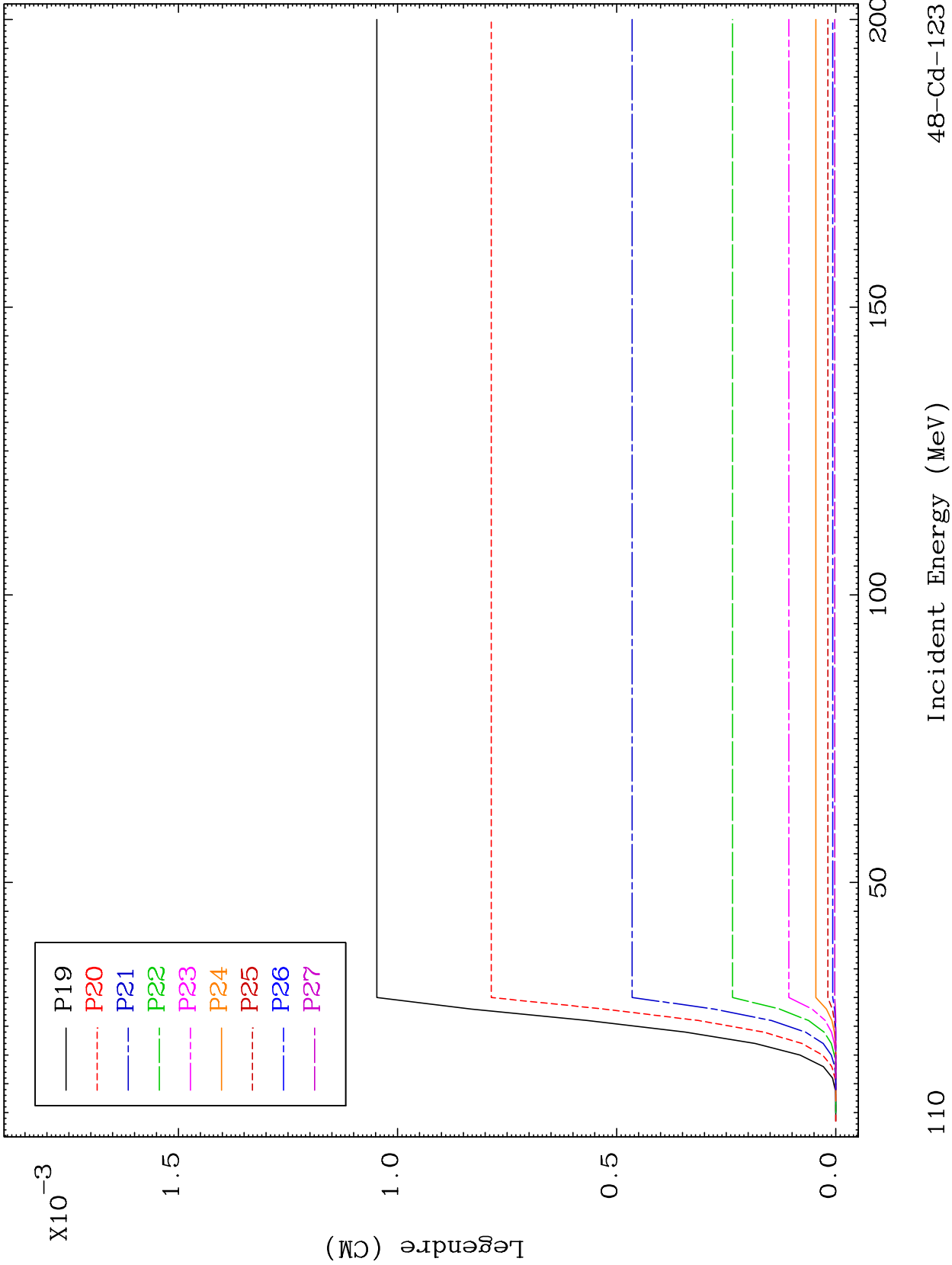
Incident Energy (MeV)

109

MAT 4876

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

48-Cd-123



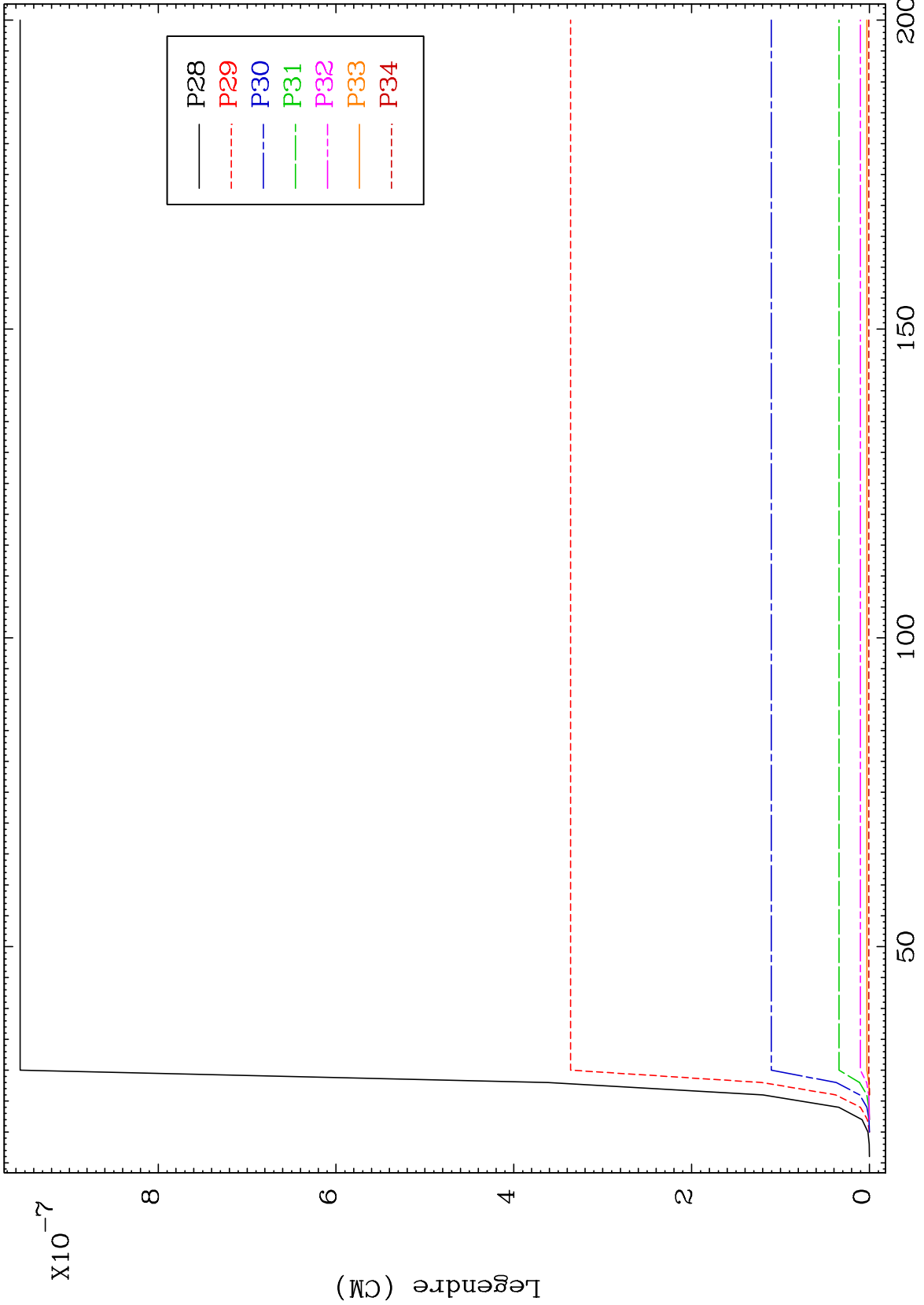
48-Cd-123

110

MAT 4876

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

48-Cd-123



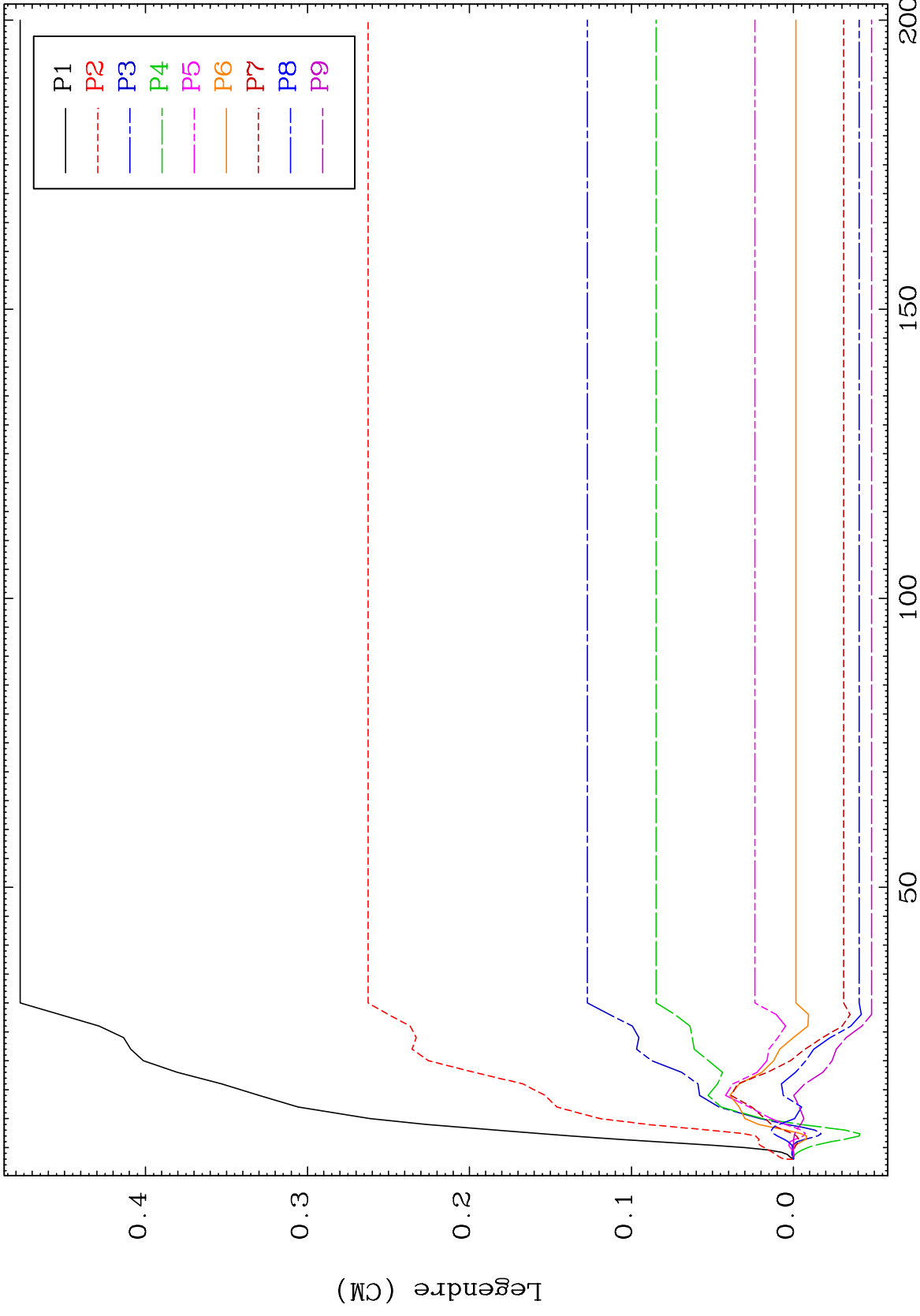
111

48-Cd-123

MAT 4876

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

48-Cd-123



112

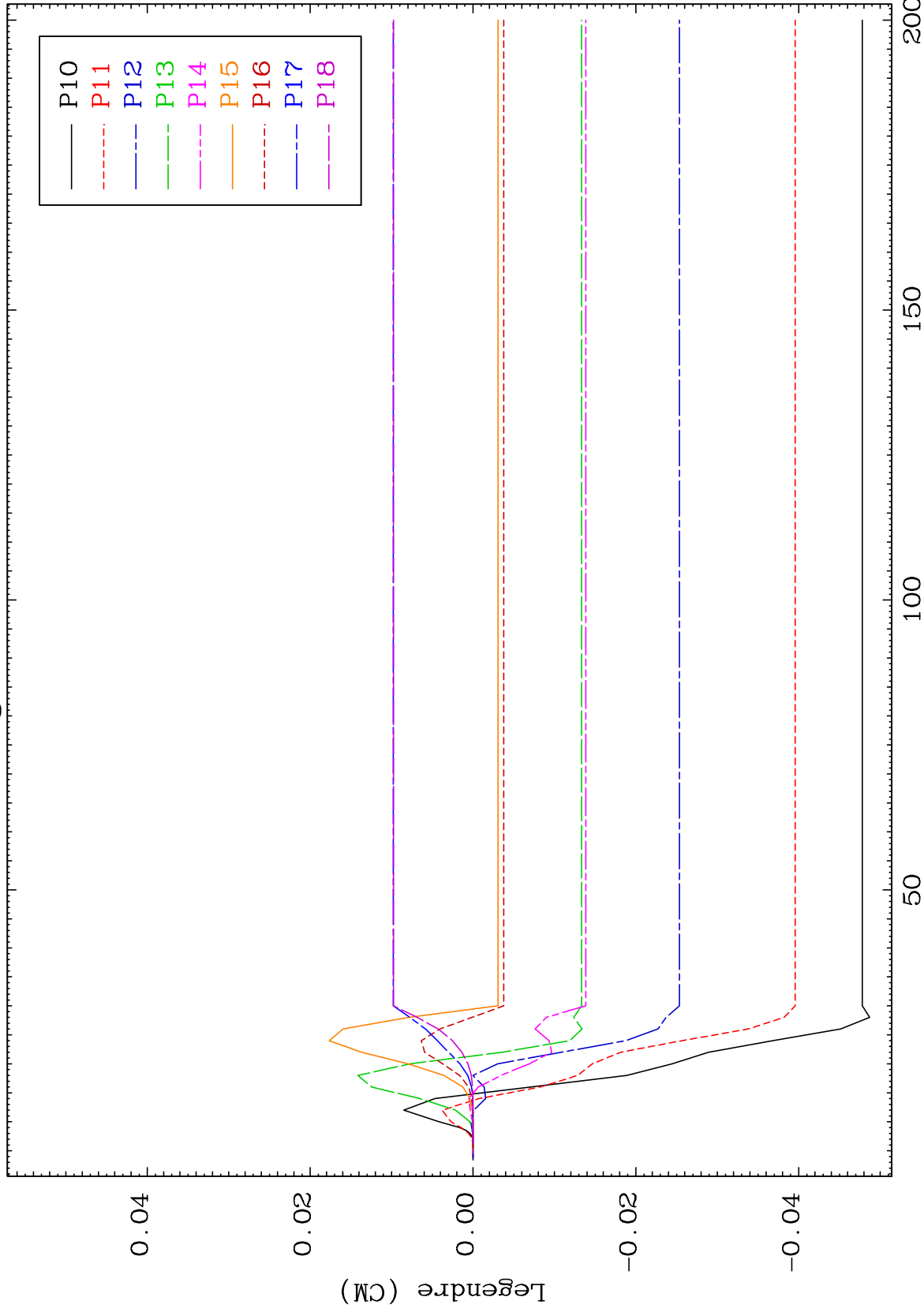
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



113

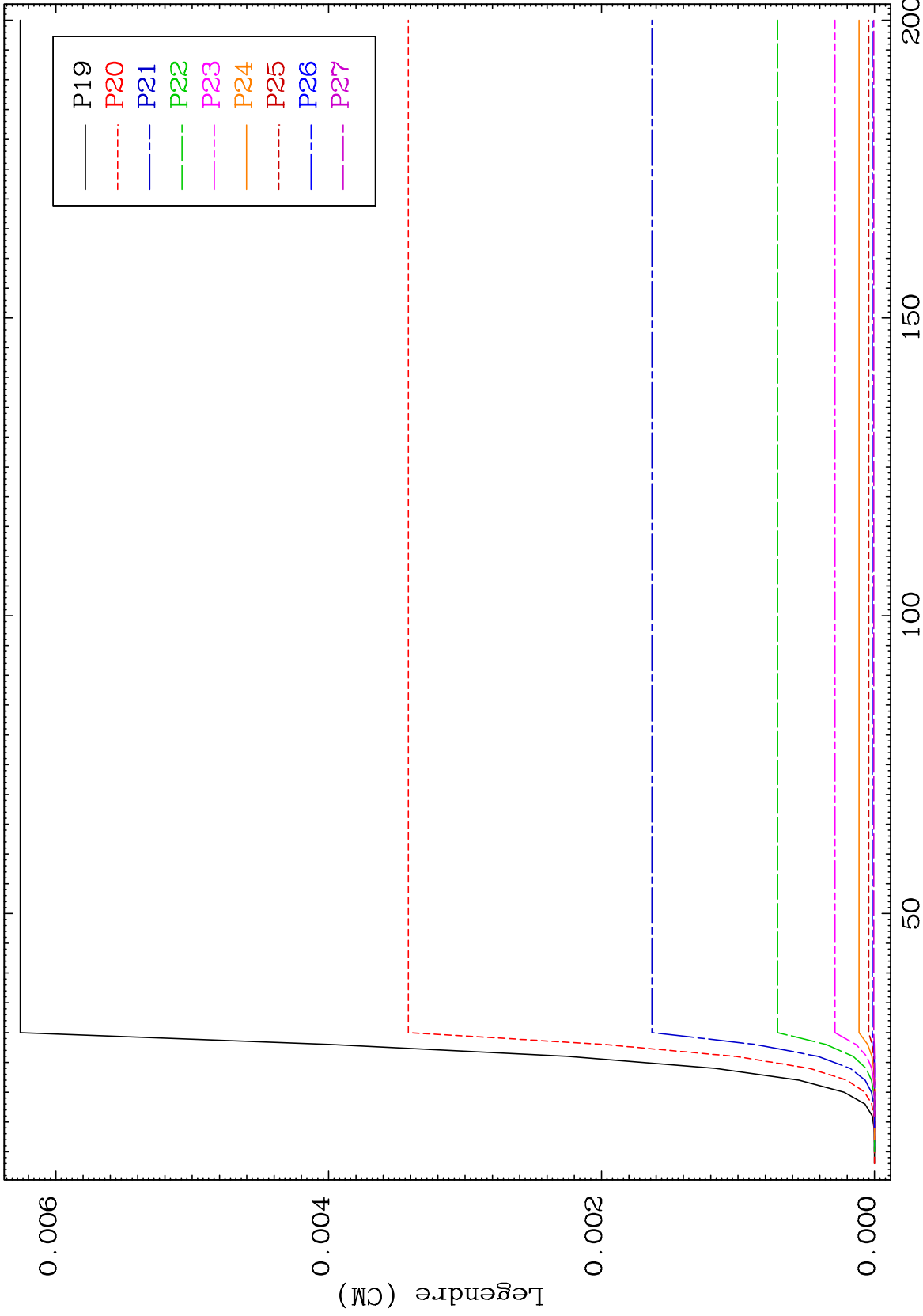
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



114

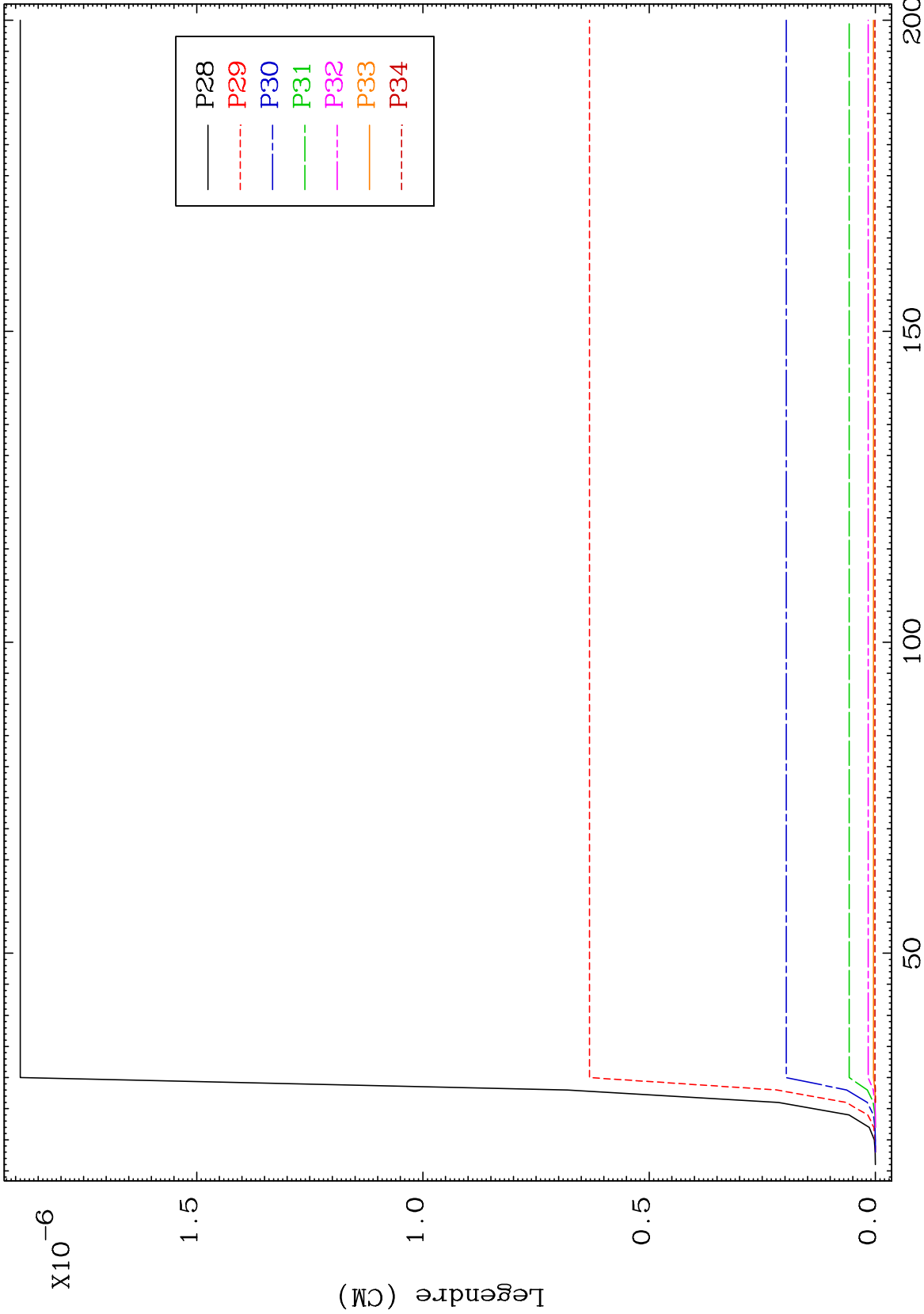
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



115

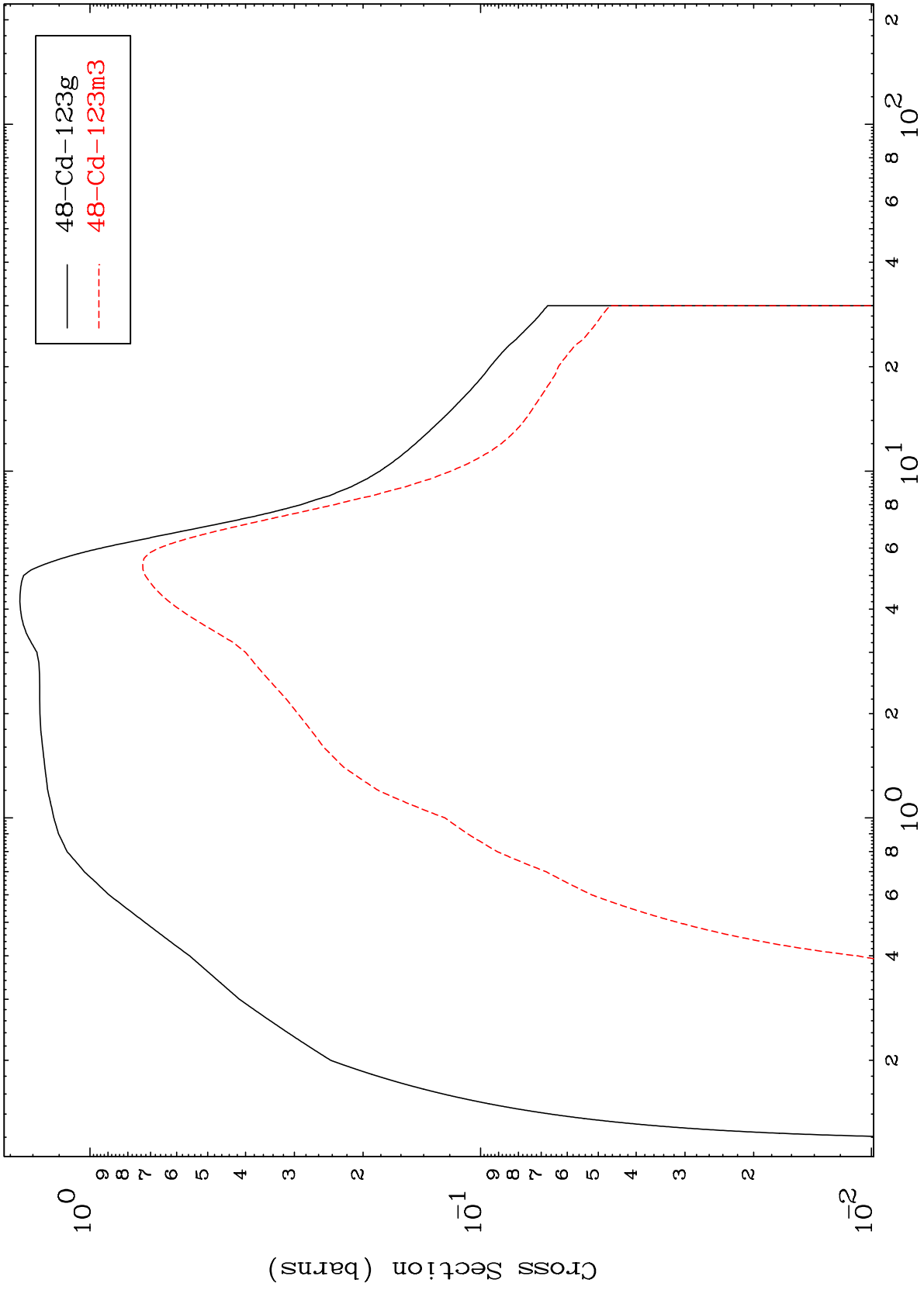
Incident Energy (MeV)

48-Cd-123

MAT 4876

48-Cd-123

# Inelastic Radionuclide Production Cross Section



116

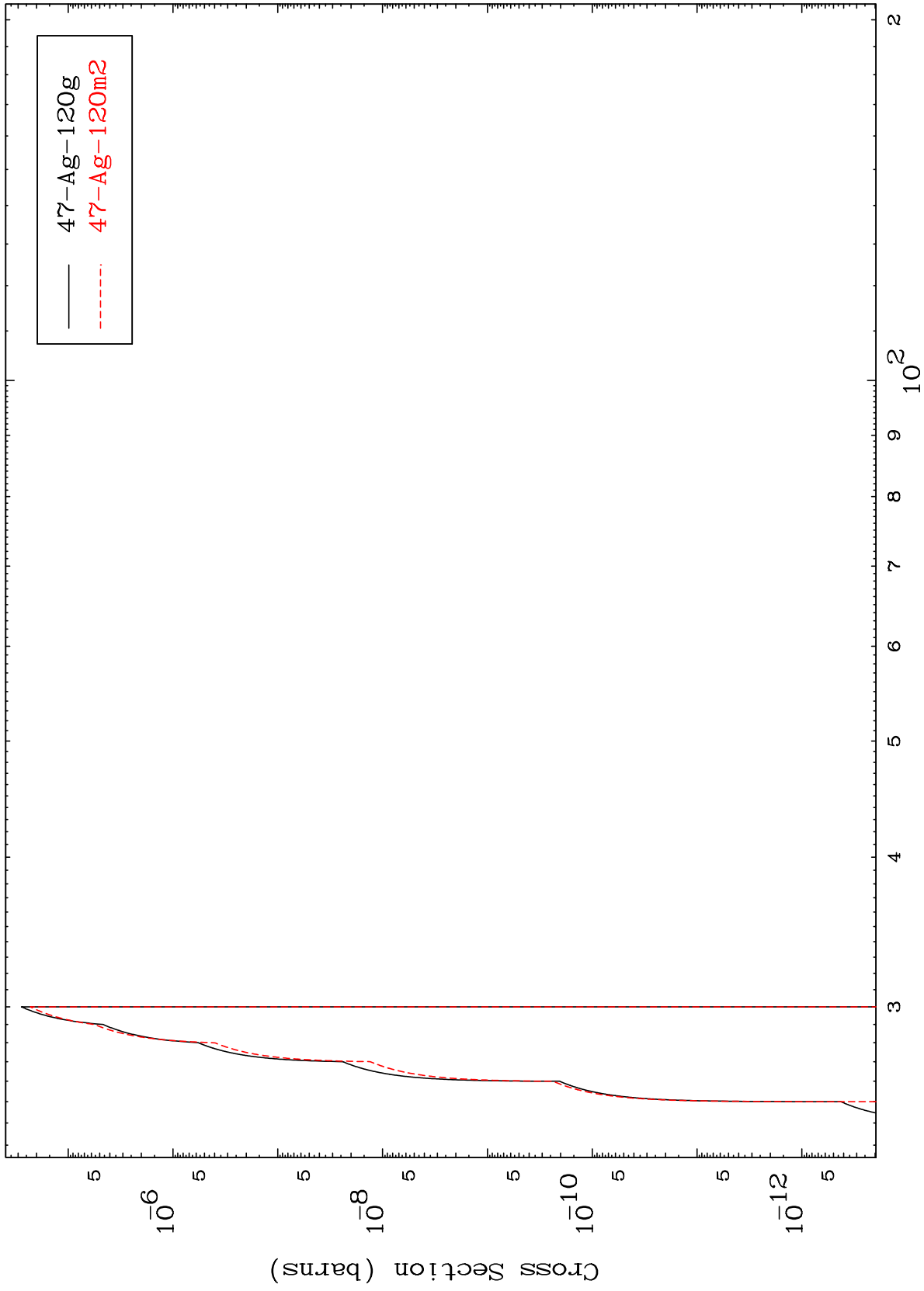
48-Cd-123

MAT 4876

(n,2n) d

48-Cd-123

Radionuclide Production Cross Section



117

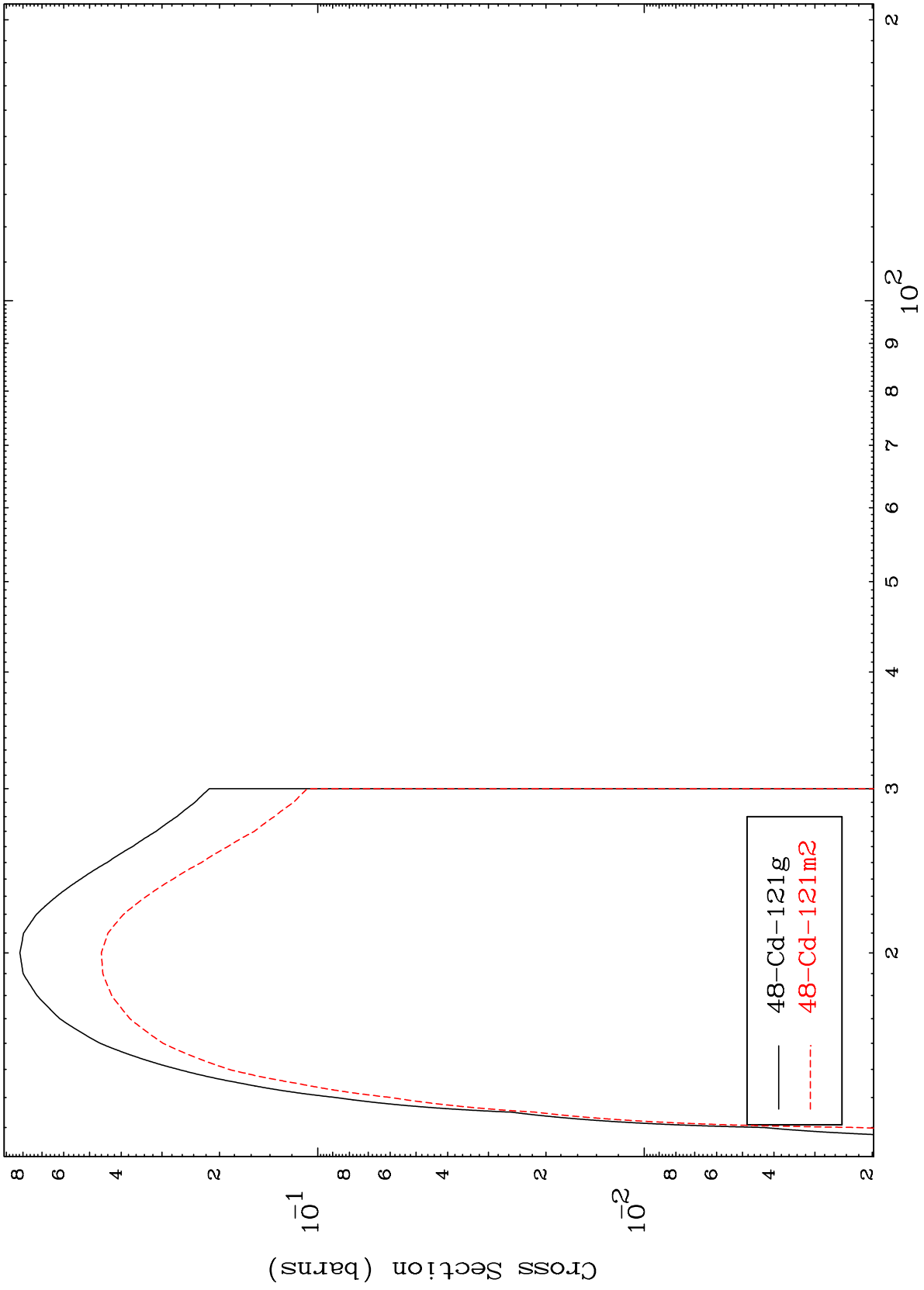
Incident Energy (MeV)

48-Cd-123

MAT 4876

48-Cd-123

(n,3n)  
Radionuclide Production Cross Section

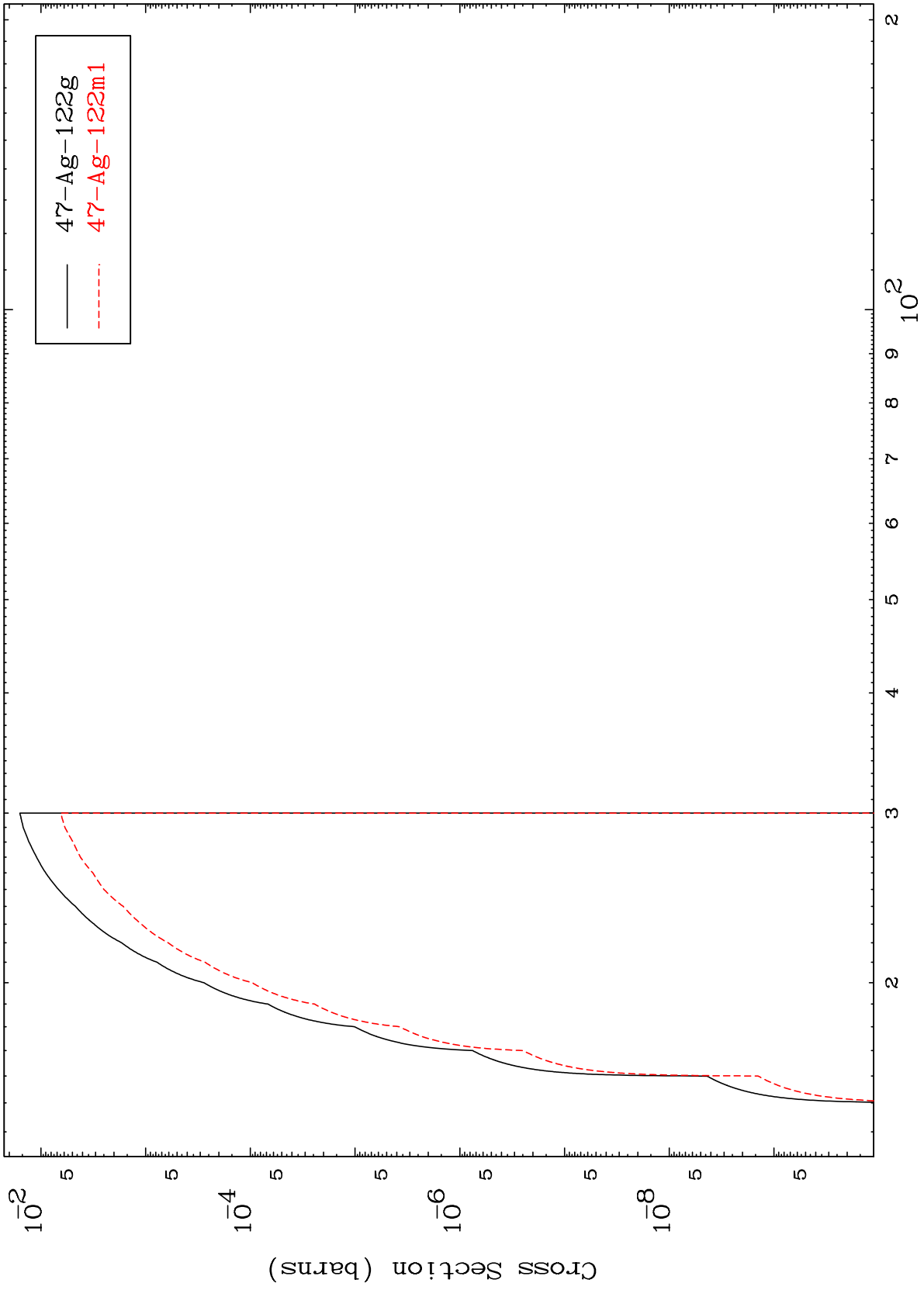


118

48-Cd-123

Incident Energy (MeV)

Radionuclide Production Cross Section

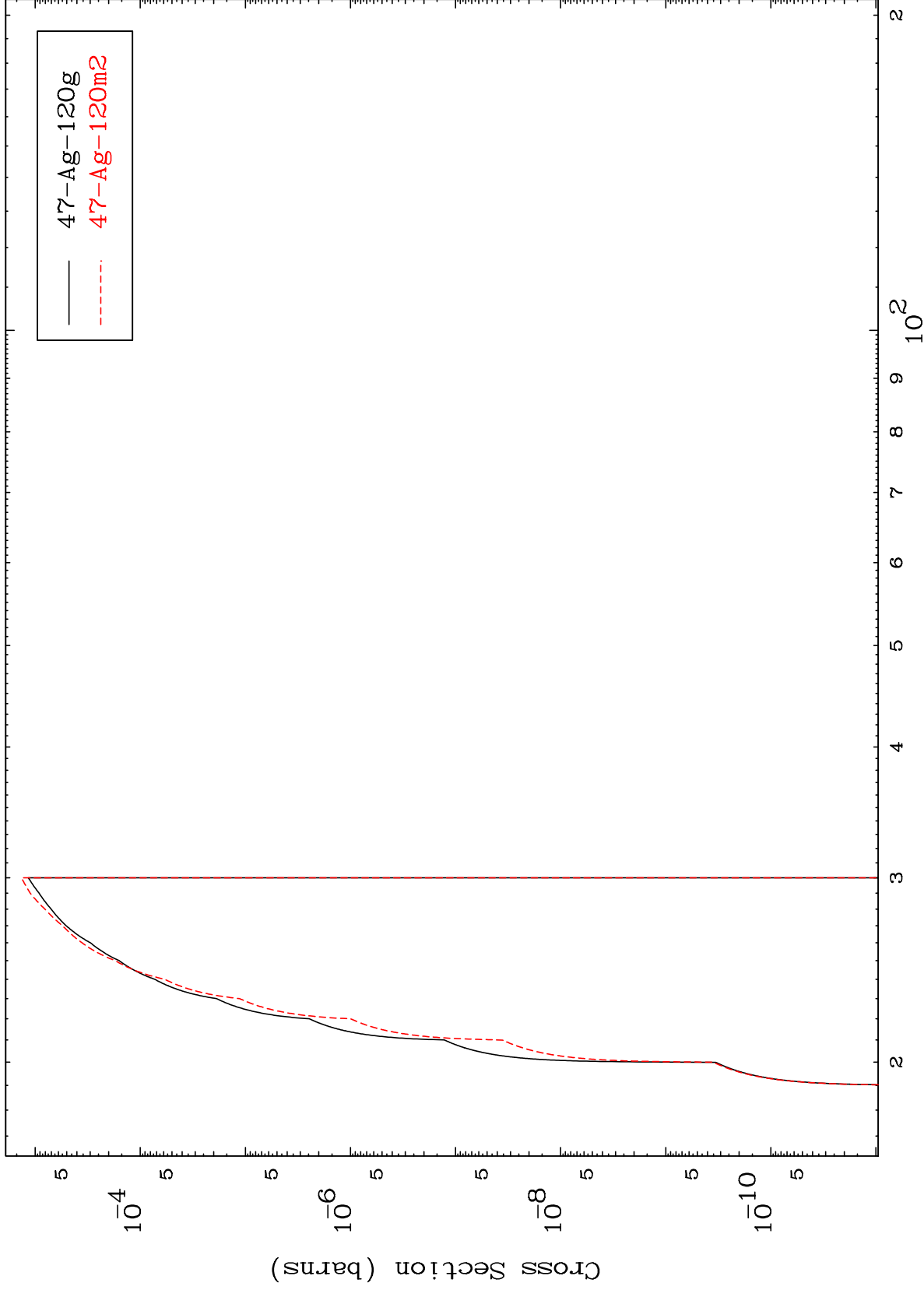


MAT 4876

(n,n') t

48-Cd-123

Radionuclide Production Cross Section



120

Incident Energy (MeV)

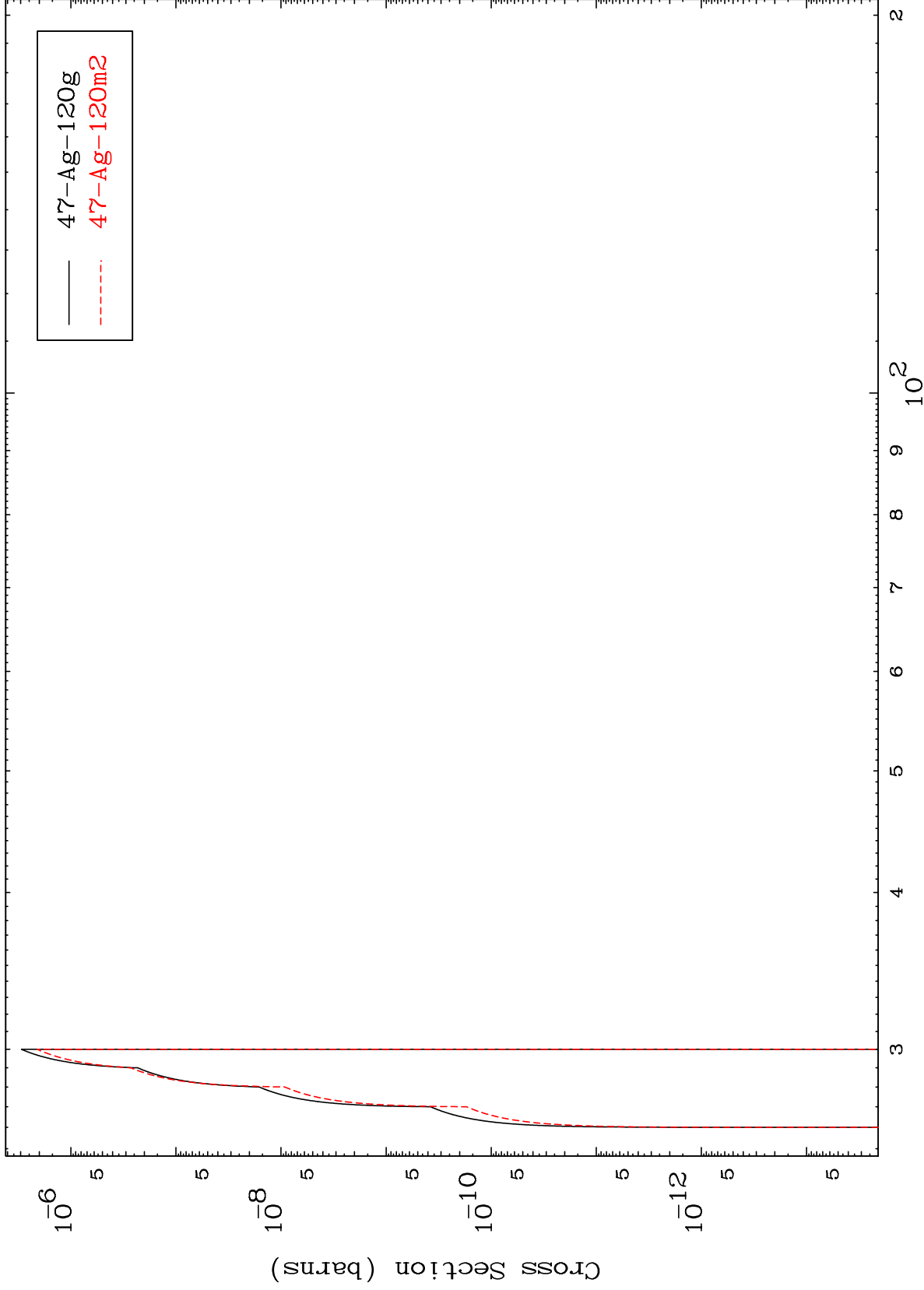
48-Cd-123

MAT 4876

(n,3n) p

48-Cd-123

Radionuclide Production Cross Section



121

Incident Energy (MeV)

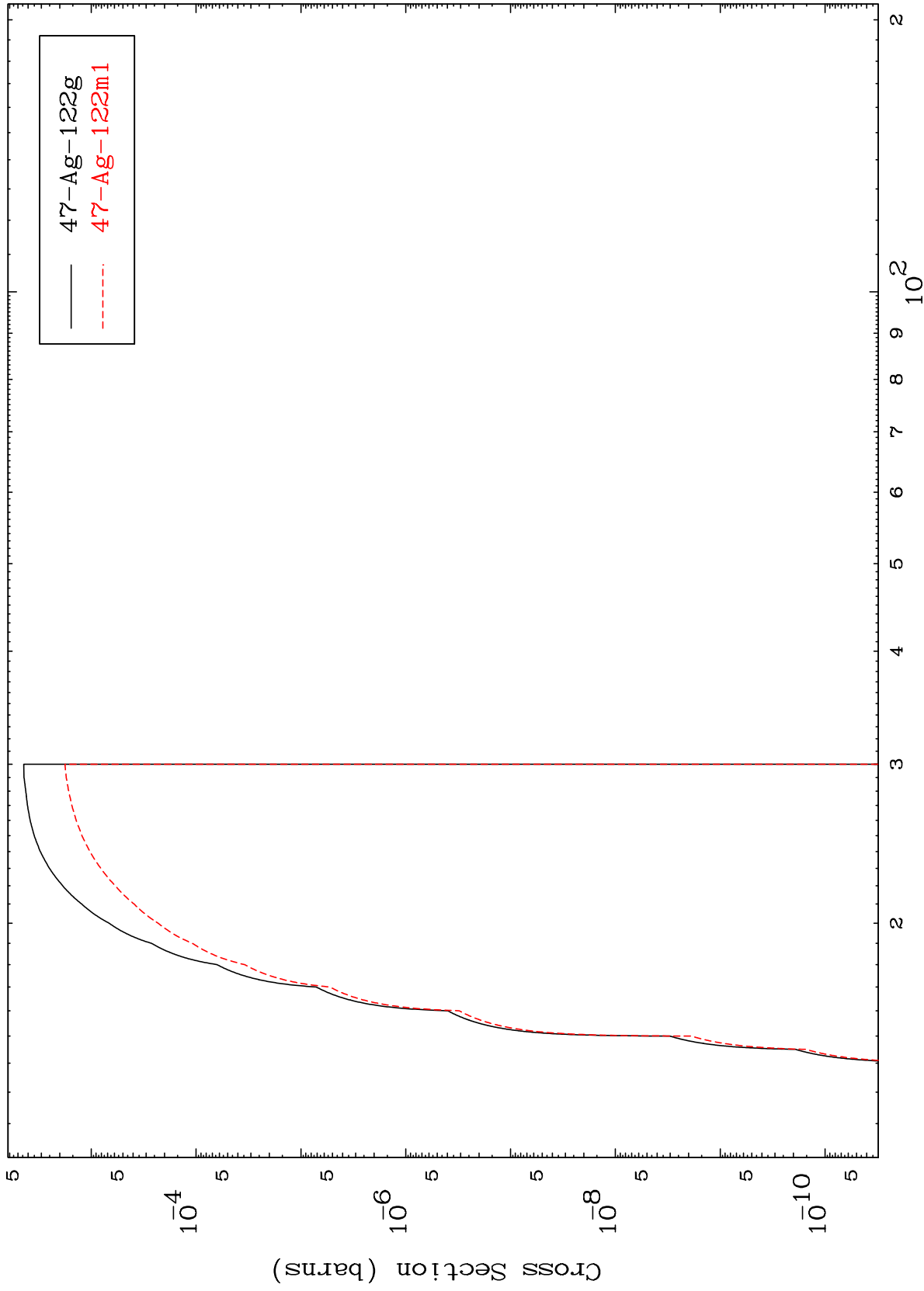
48-Cd-123

MAT 4876

(n,d)

48-Cd-123

Radionuclide Production Cross Section



122

Incident Energy (MeV)

48-Cd-123