

Program EVALPLOT
(Version 2018-1)

by

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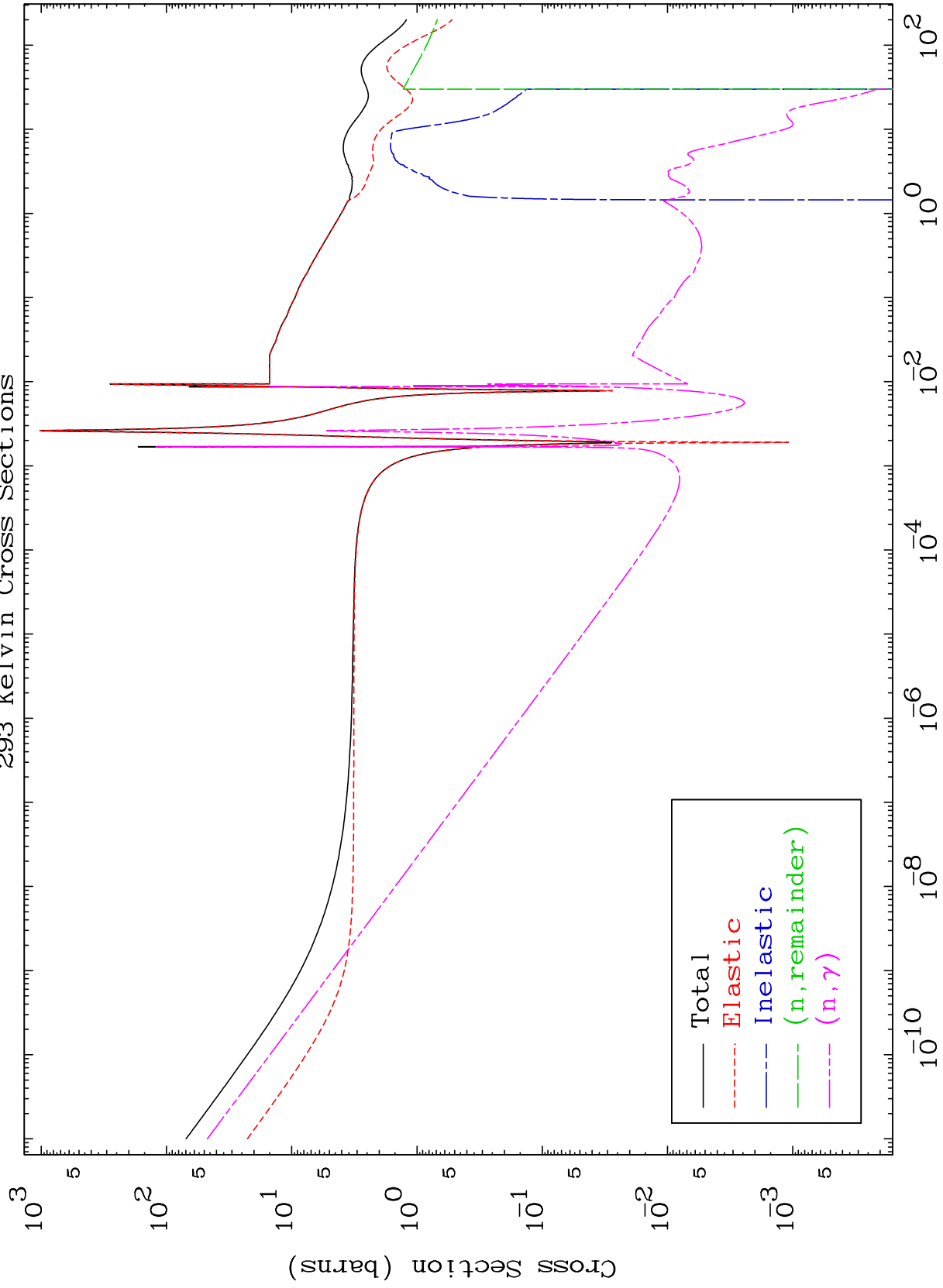
Press Mouse Button to Start

MAT 2849

Major

293 Kelvin Cross Sections

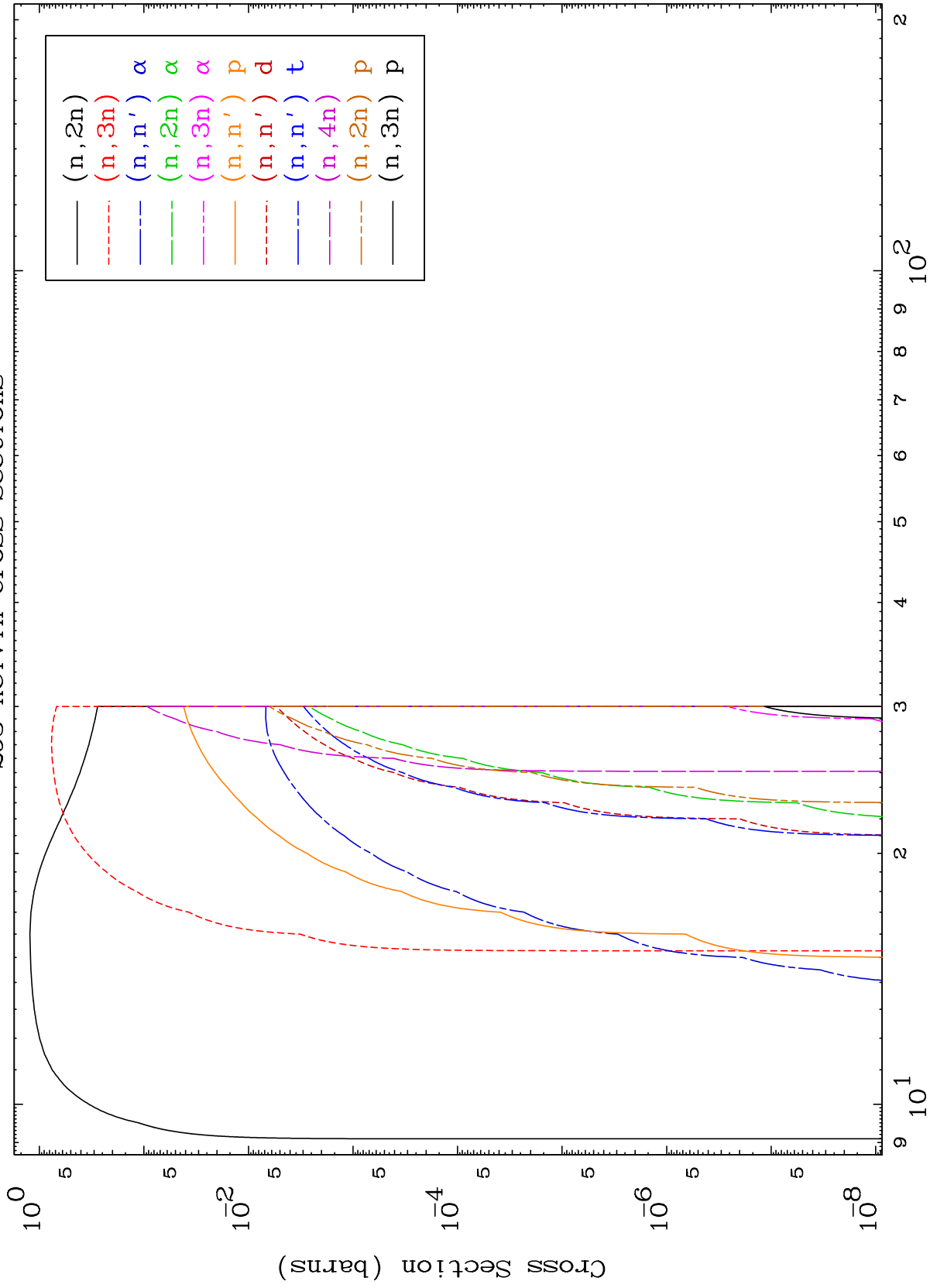
28-Ni-66



MAT 2849

Neutron Production
293 Kelvin Cross Sections

28-Ni-66



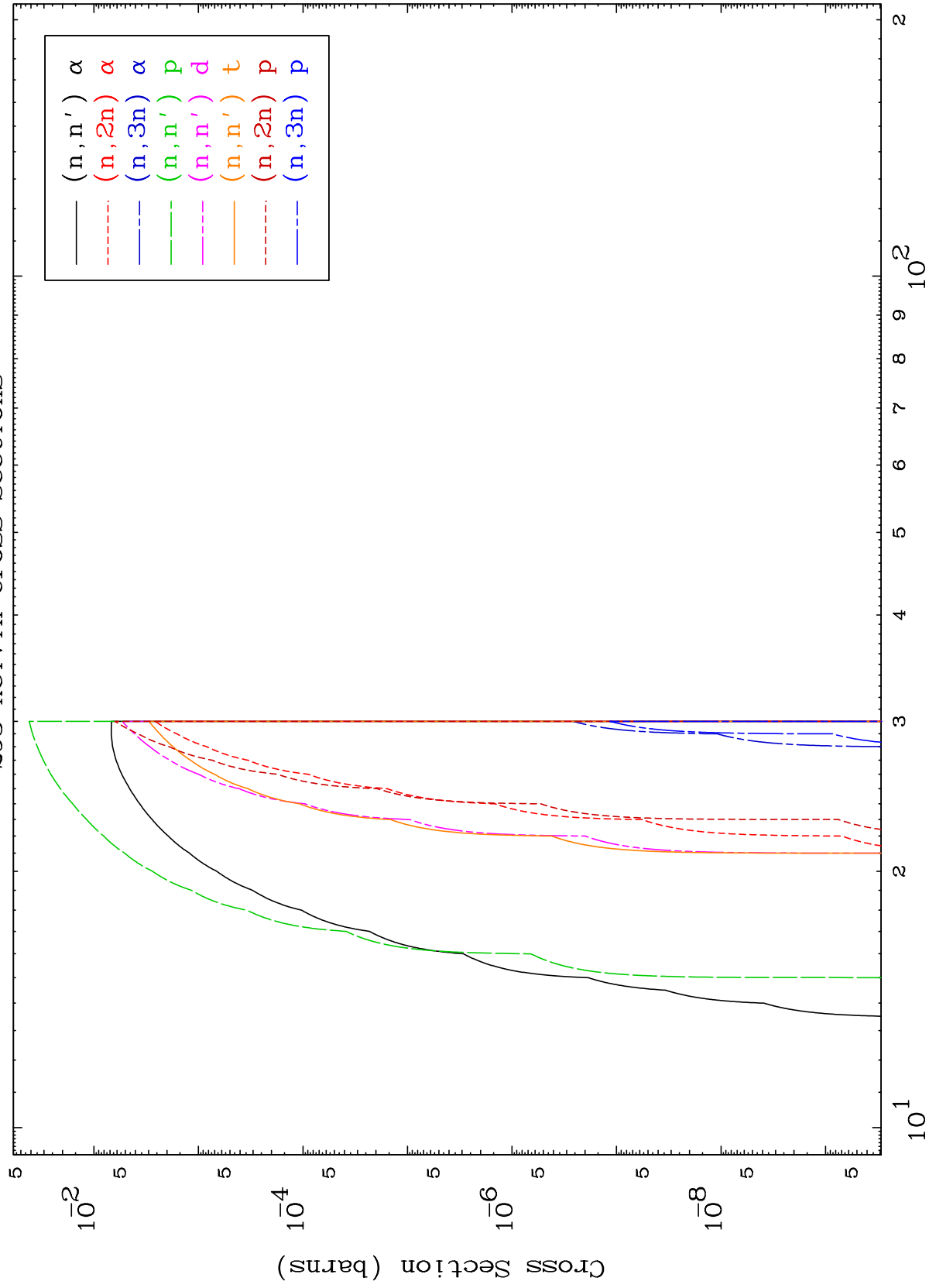
28-Ni-66

Incident Energy (MeV)

MAT 2849

Charged Particle
293 Kelvin Cross Sections

28-Ni-66



28-Ni-66

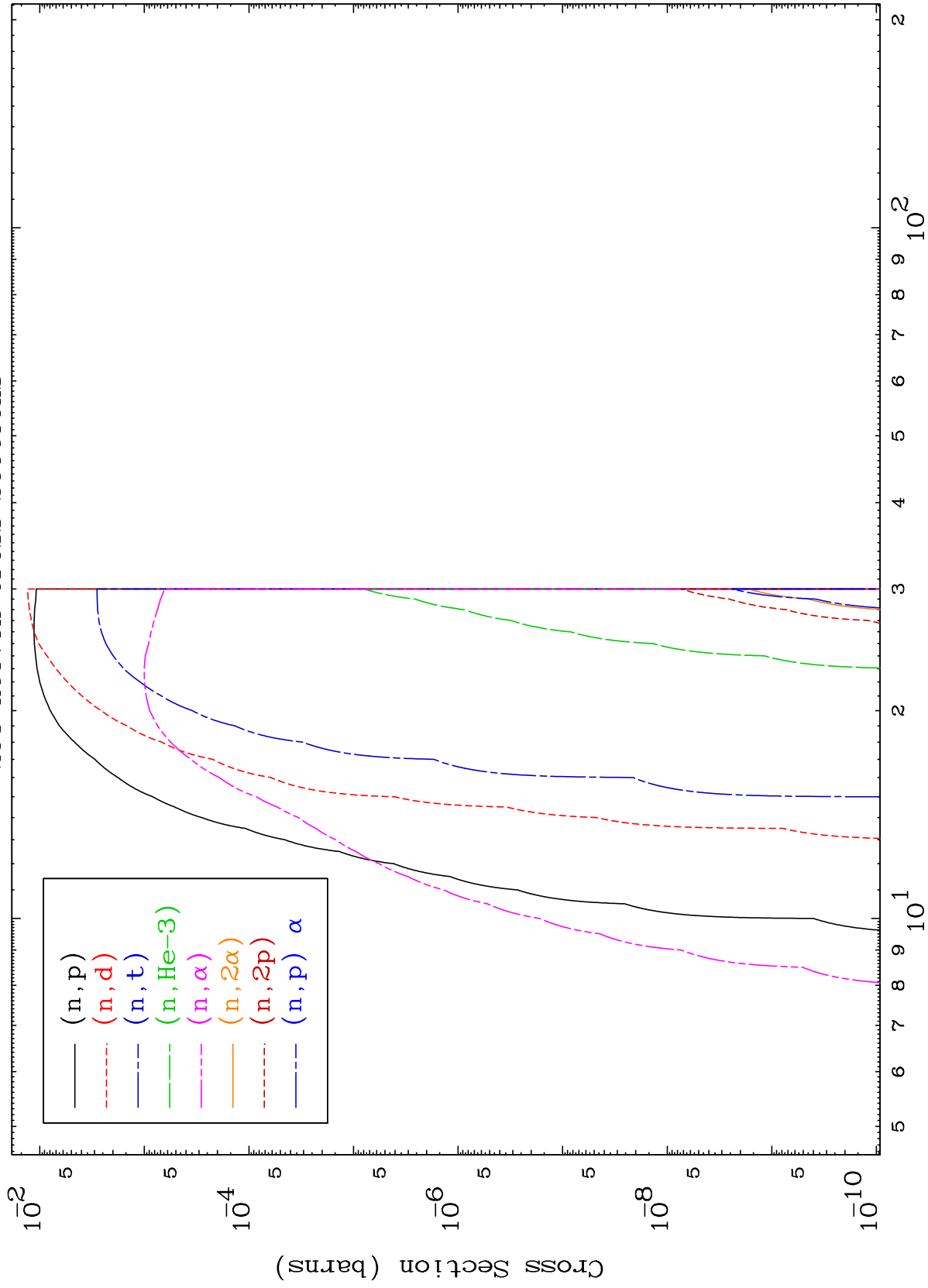
Incident Energy (MeV)

3

MAT 2849

Charged Particle
293 Kelvin Cross Sections

28-Ni-66



4

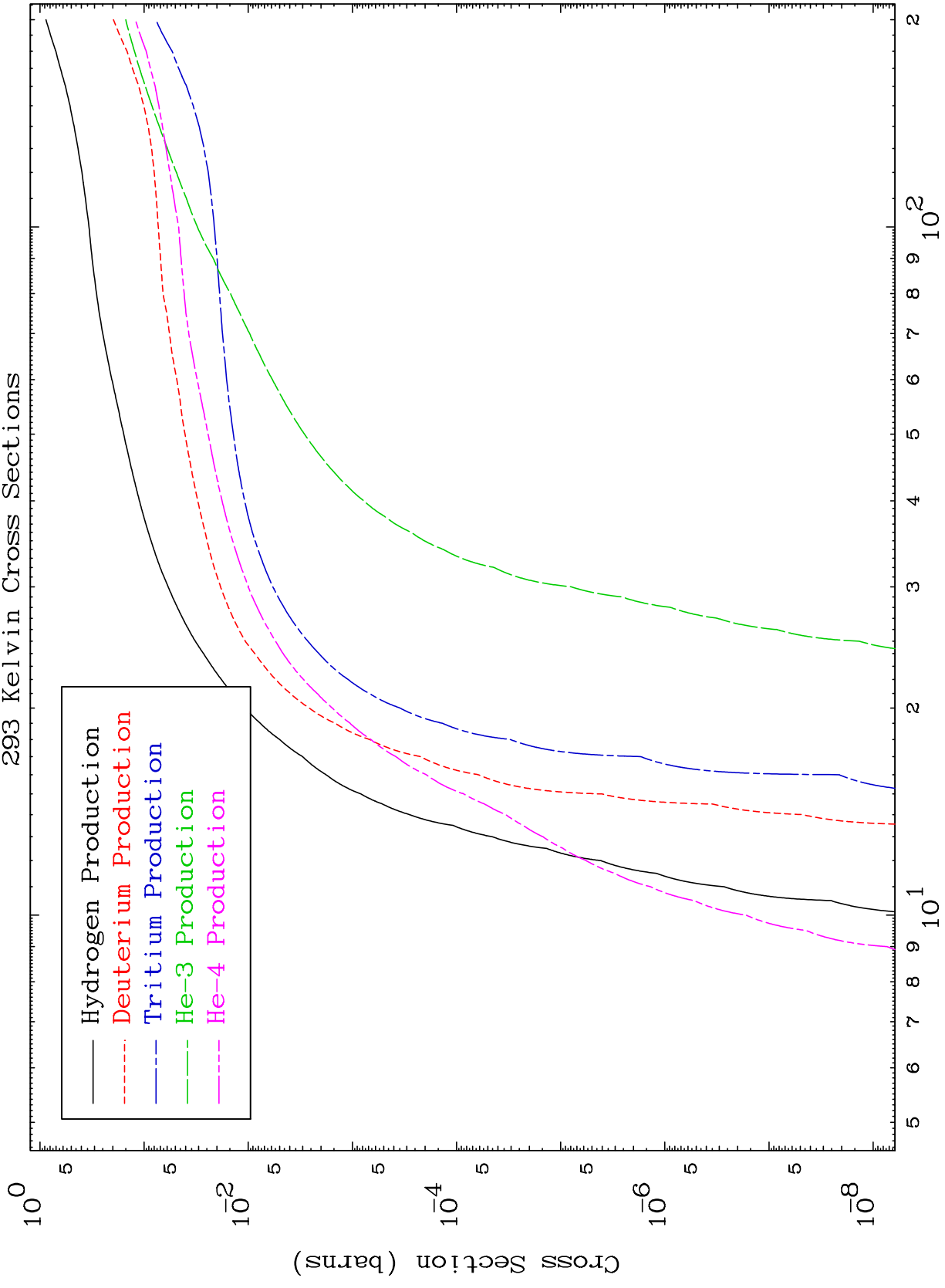
Incident Energy (MeV)

28-Ni-66

MAT 2849

Particle Production
293 Kelvin Cross Sections

28-Ni-66



5

Incident Energy (MeV)

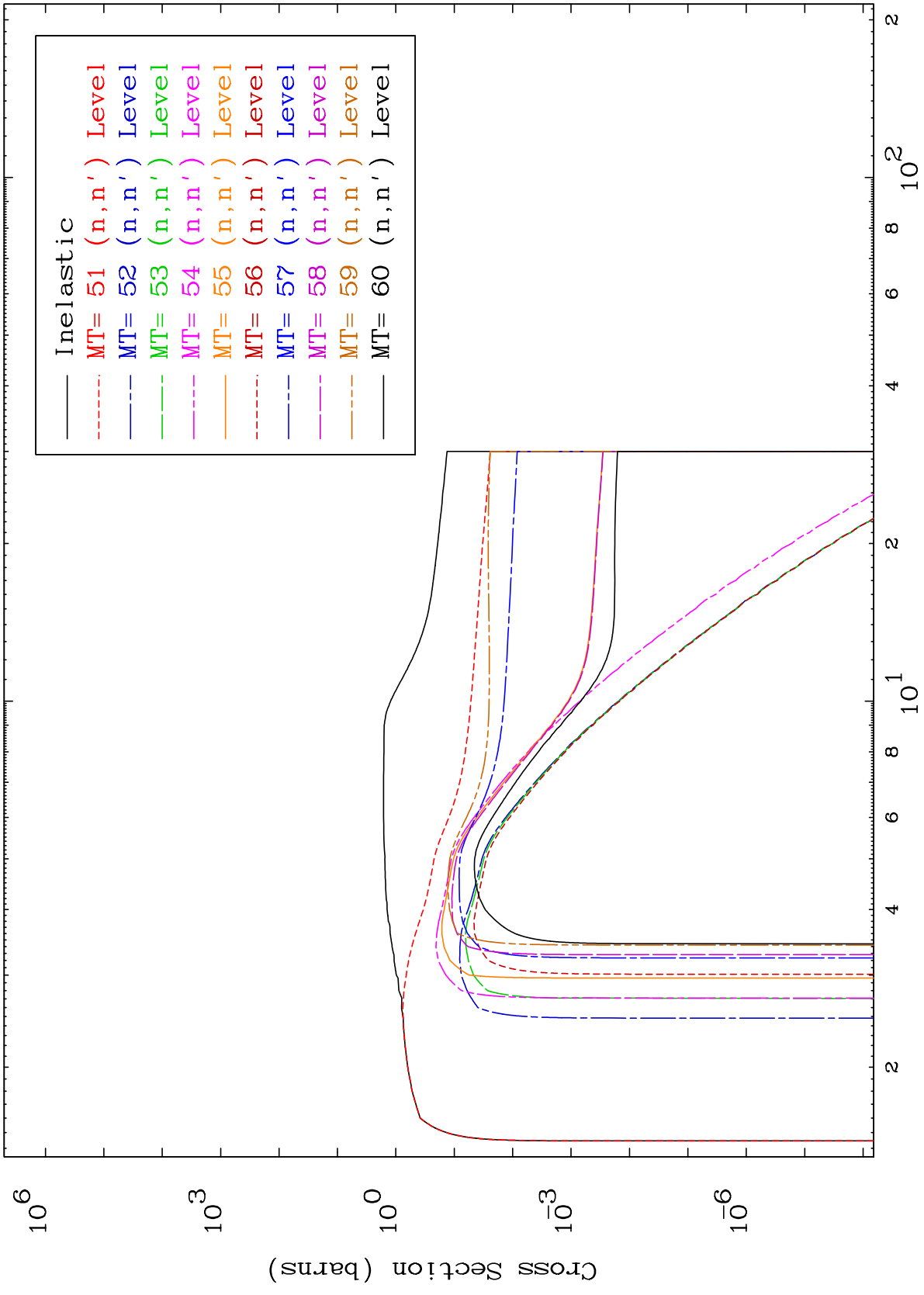
28-Ni-66

MAT 2849

(n,n') Level

28-Ni-66

293 Kelvin Cross Sections



6

Incident Energy (MeV)

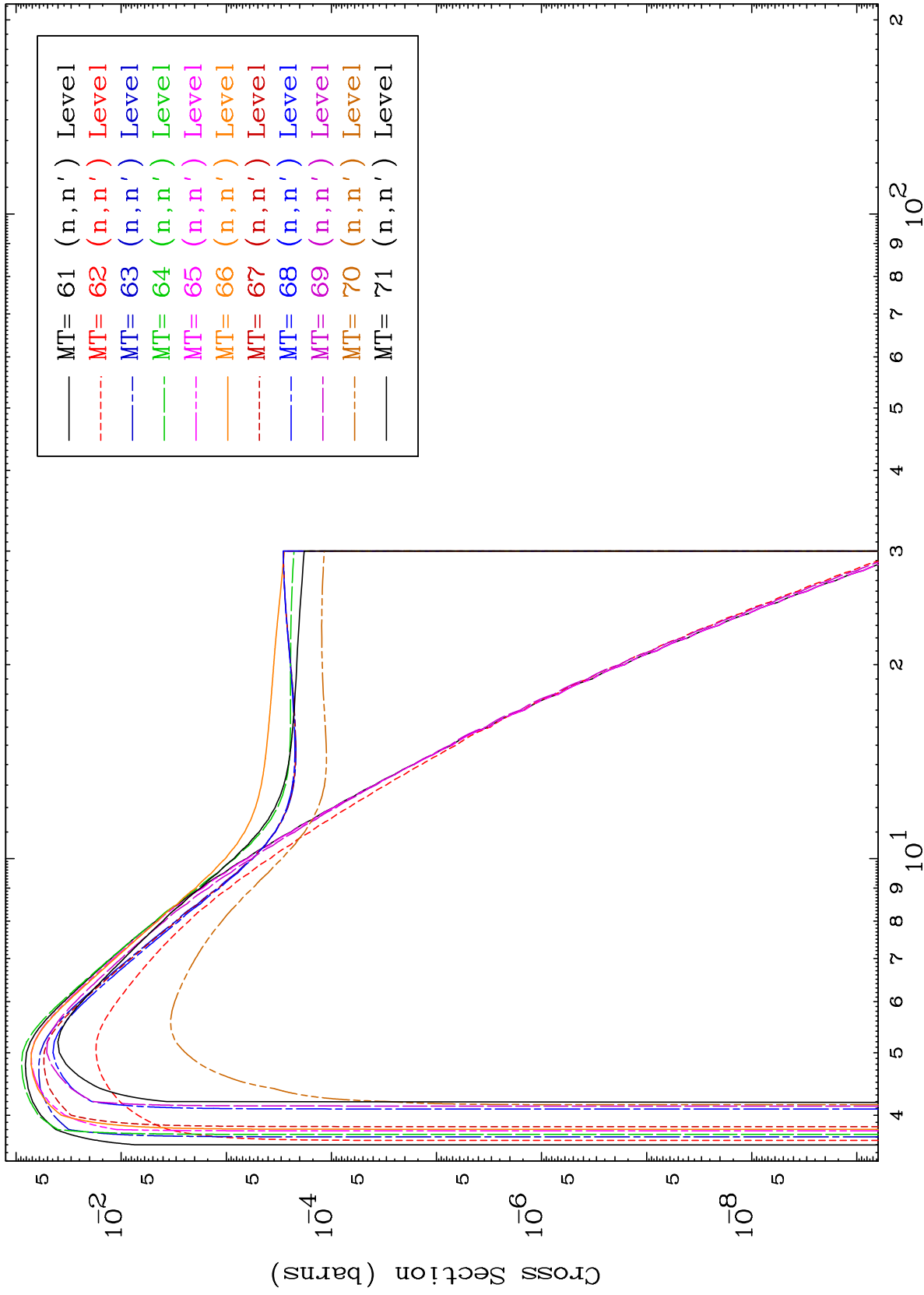
28-Ni-66

MAT 2849

(n,n') Level

28-Ni-66

293 Kelvin Cross Sections



7

Incident Energy (MeV)

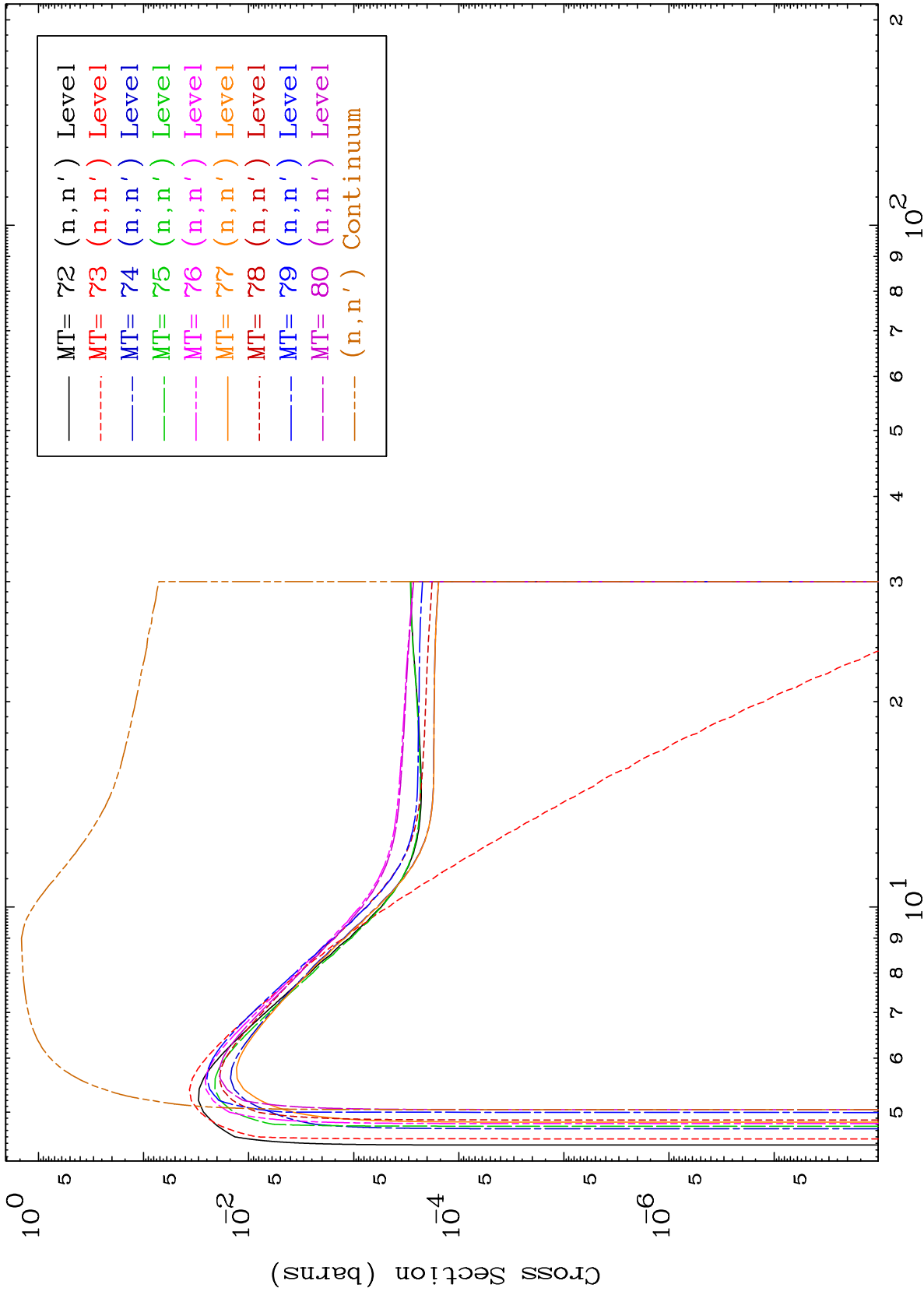
28-Ni-66

MAT 2849

(n,n') Level

28-Ni-66

293 Kelvin Cross Sections



8

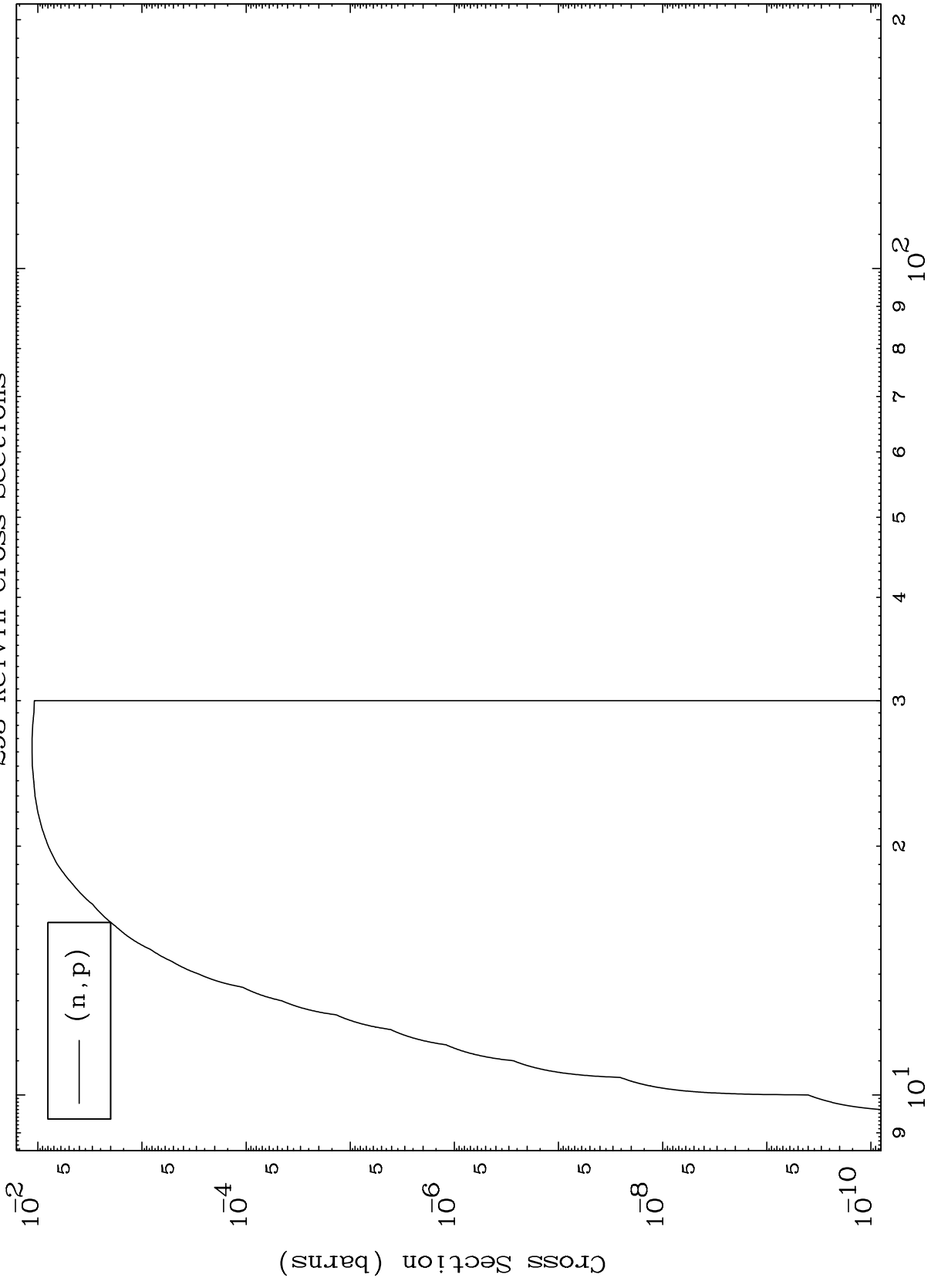
Incident Energy (MeV)

28-Ni-66

MAT 2849

(n,p) Levels
293 Kelvin Cross Sections

28-Ni-66



(n,p)

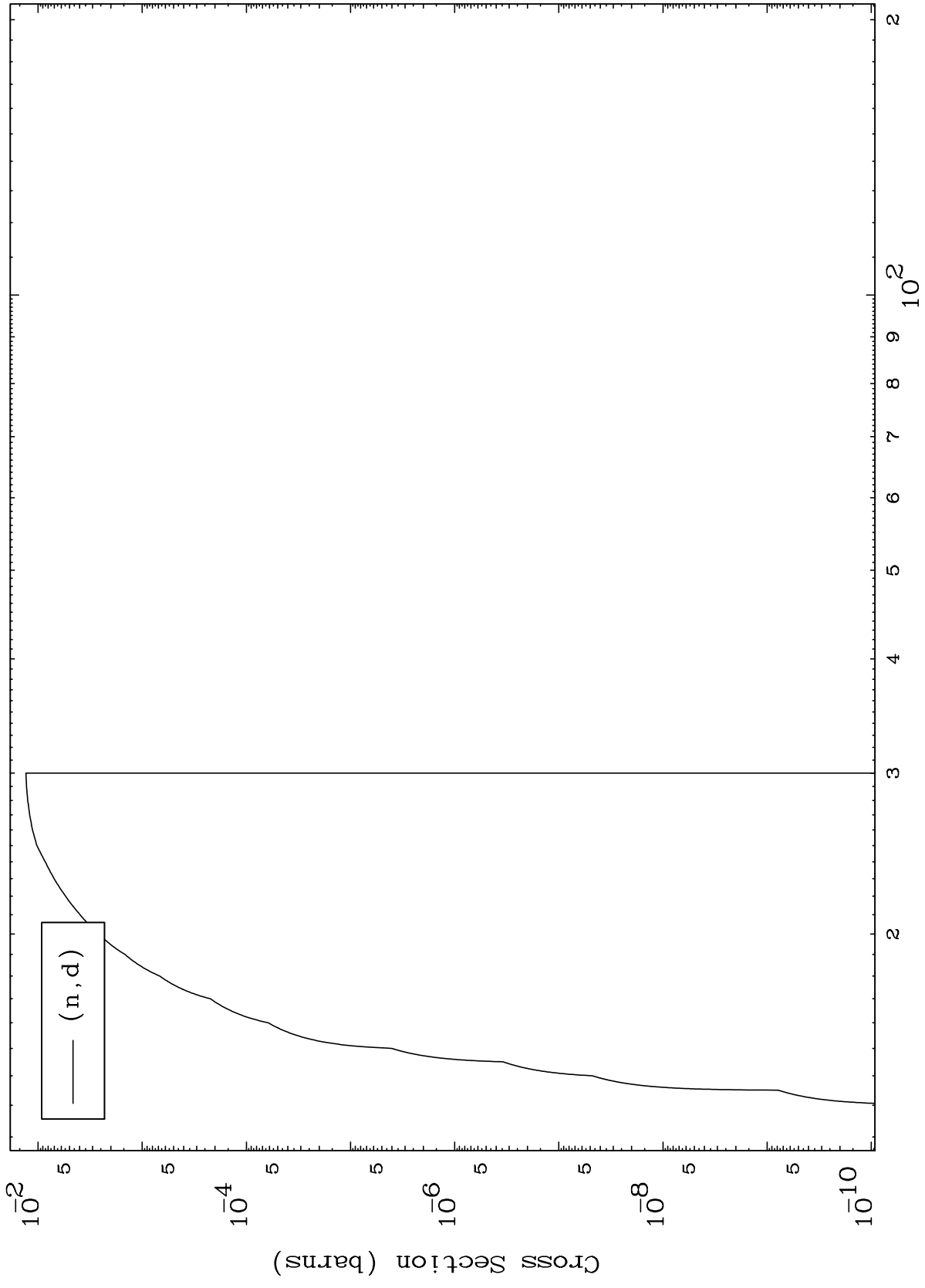
Incident Energy (MeV)

28-Ni-66

MAT 2849

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-66



10

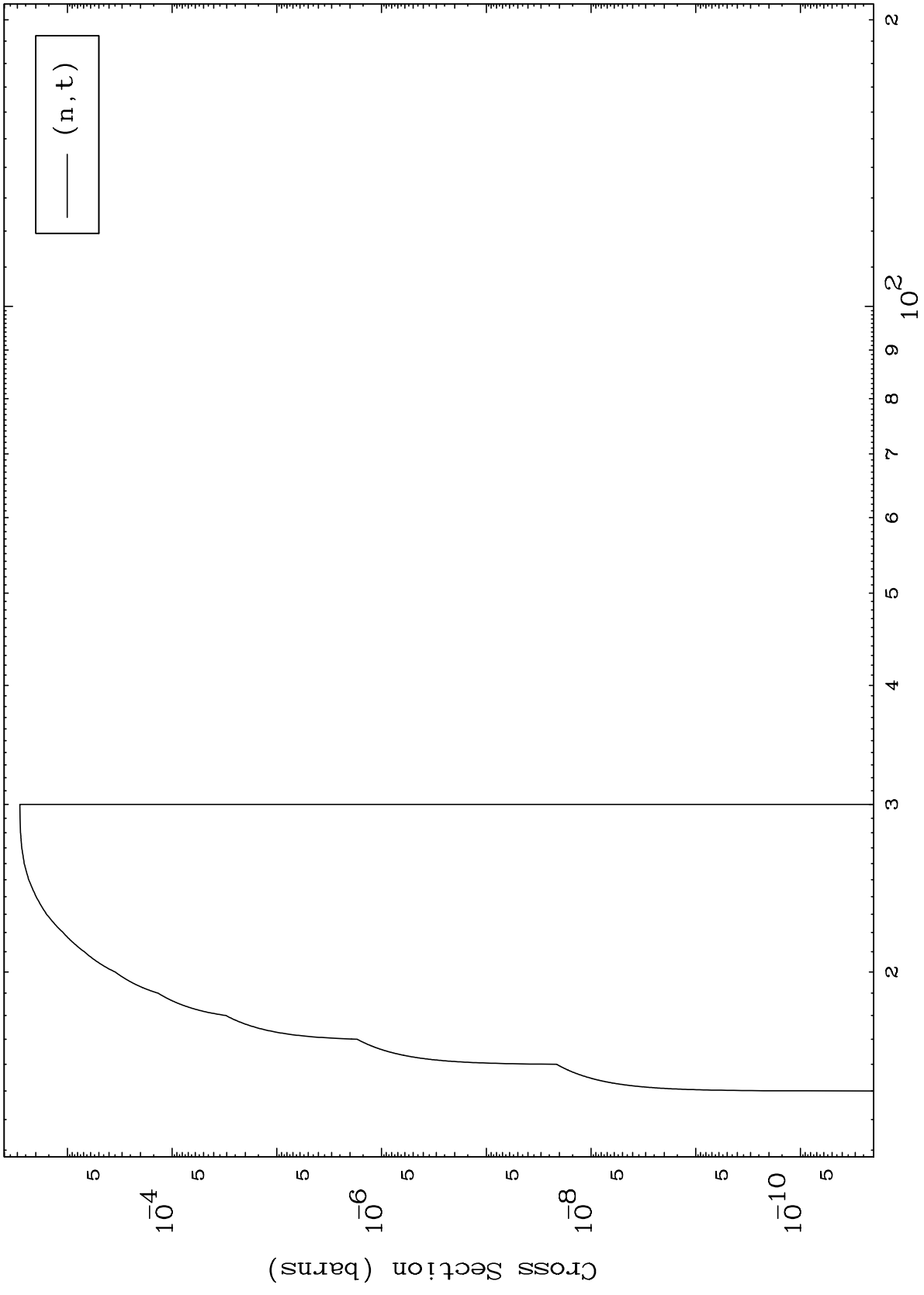
Incident Energy (MeV)

28-Ni-66

MAT 2849

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-66



11

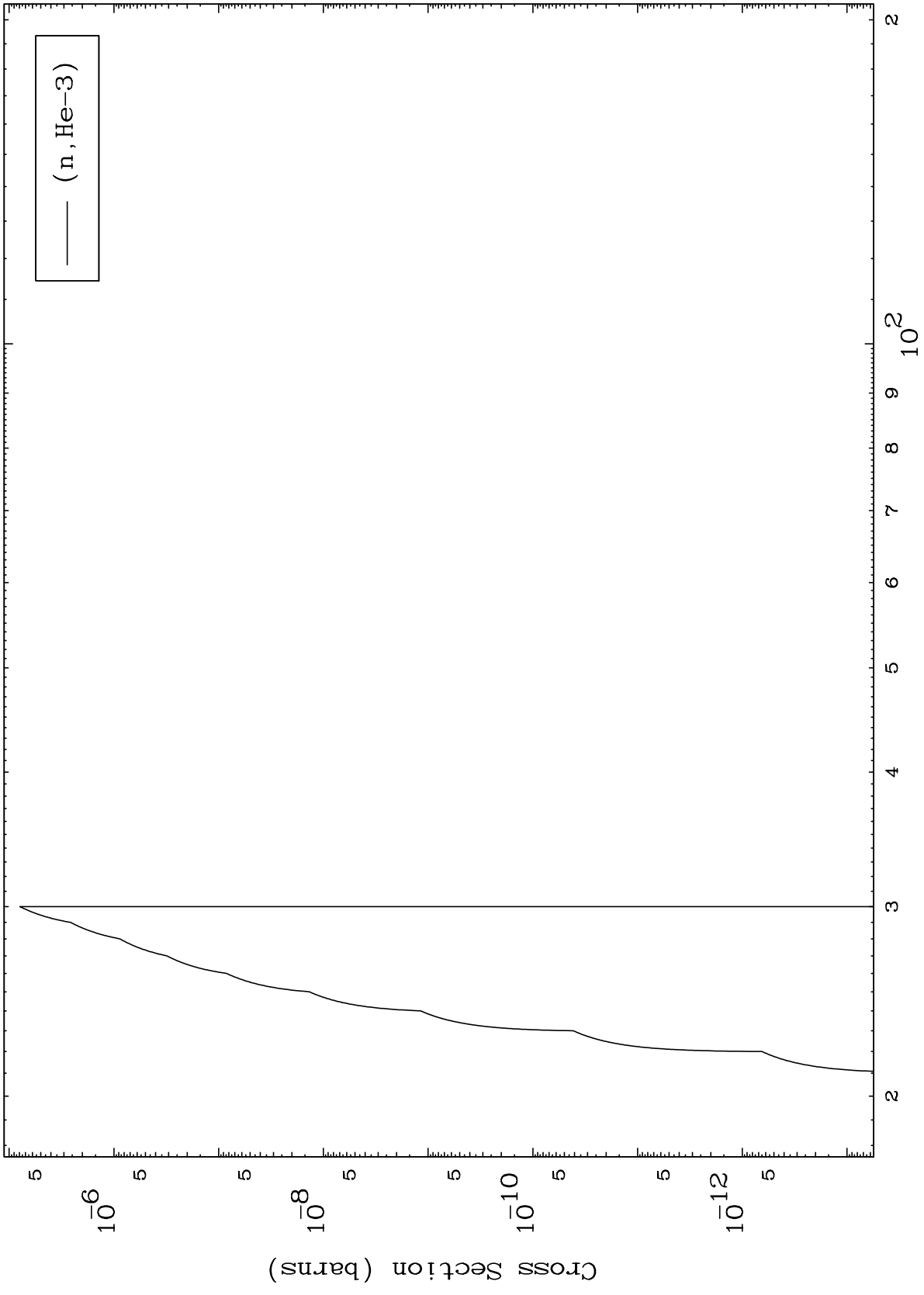
Incident Energy (MeV)

28-Ni-66

MAT 2849

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-66



12

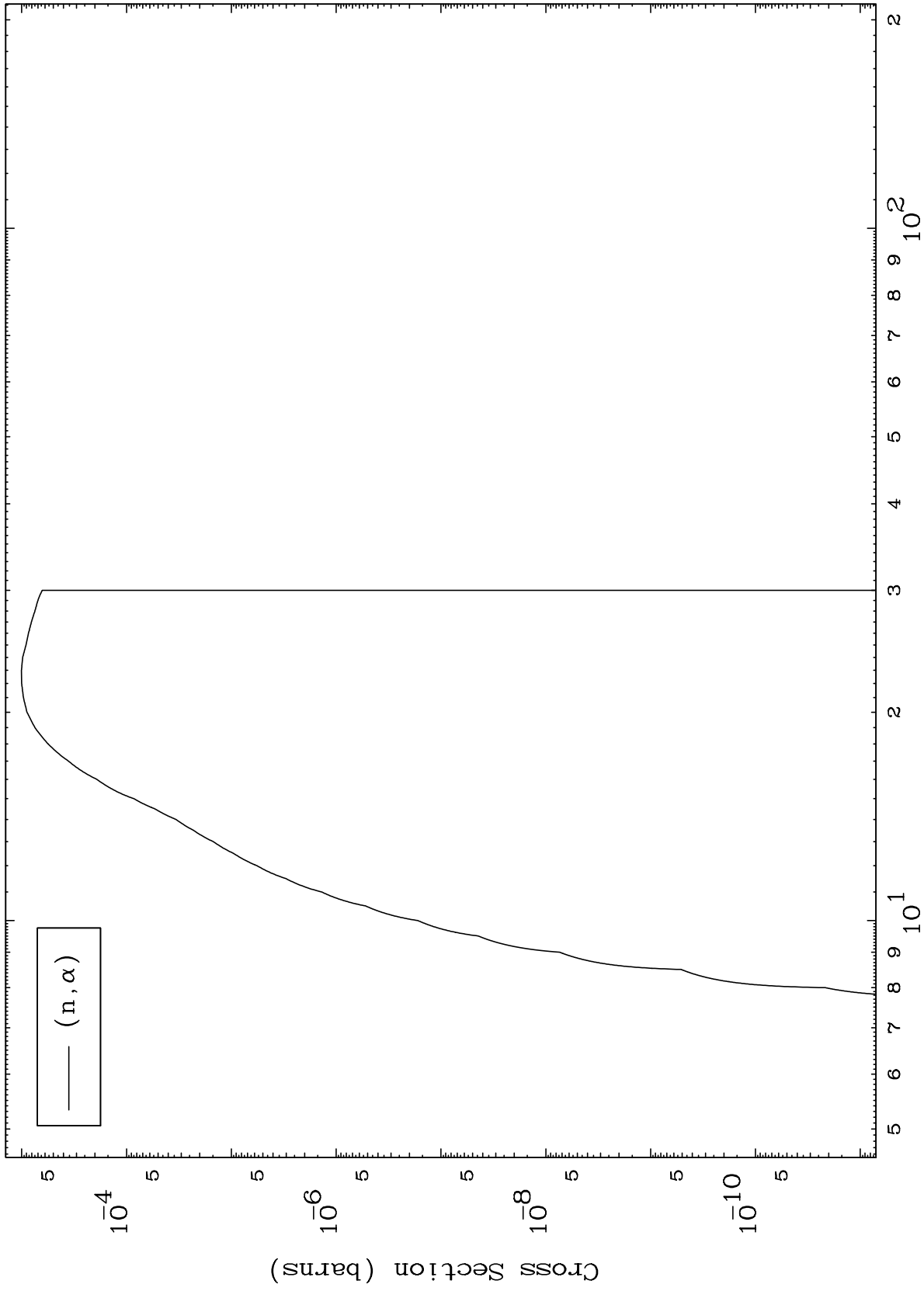
Incident Energy (MeV)

28-Ni-66

MAT 2849

(n,α) Levels
293 Kelvin Cross Sections

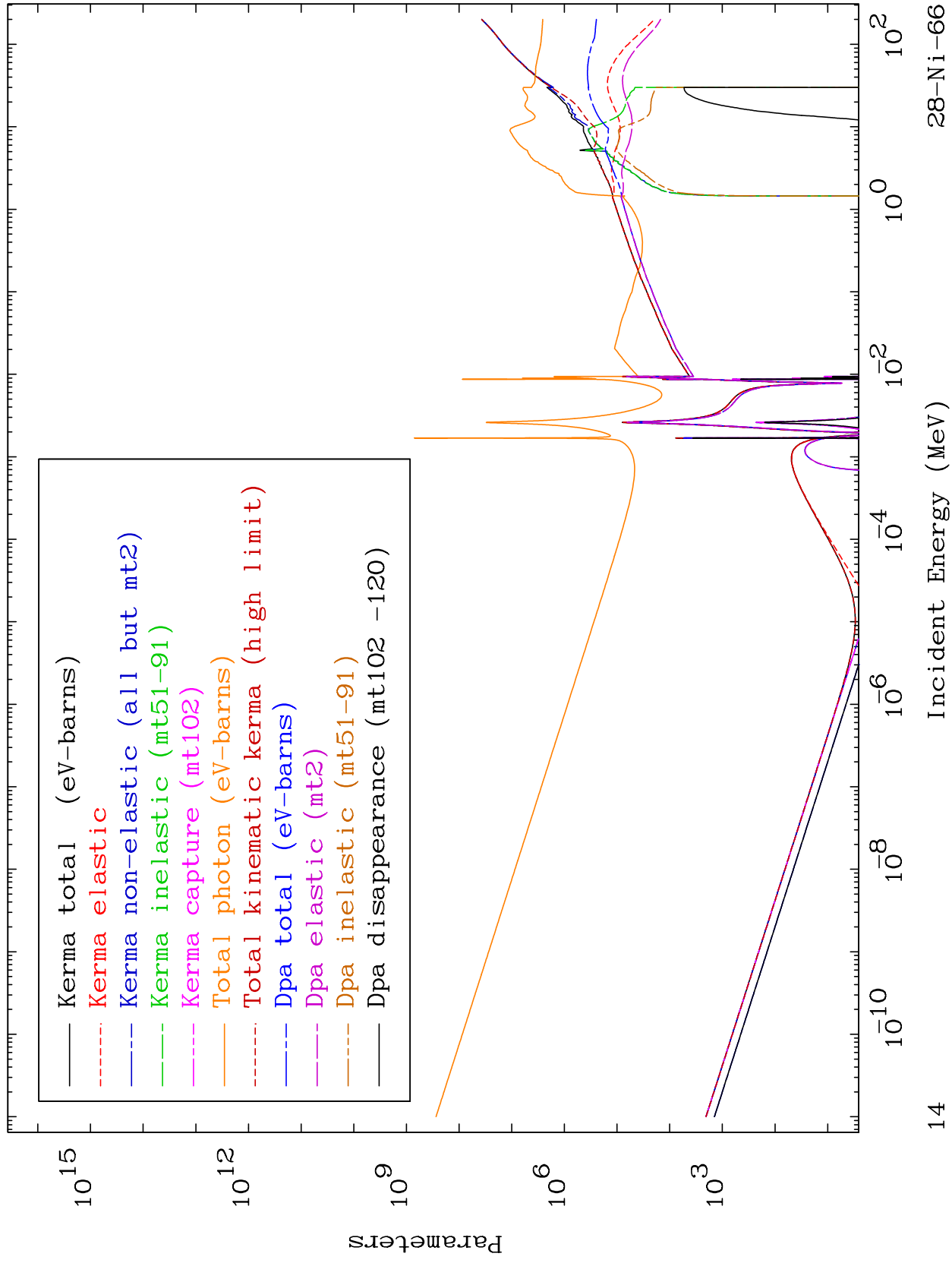
28-Ni-66



13

Incident Energy (MeV)

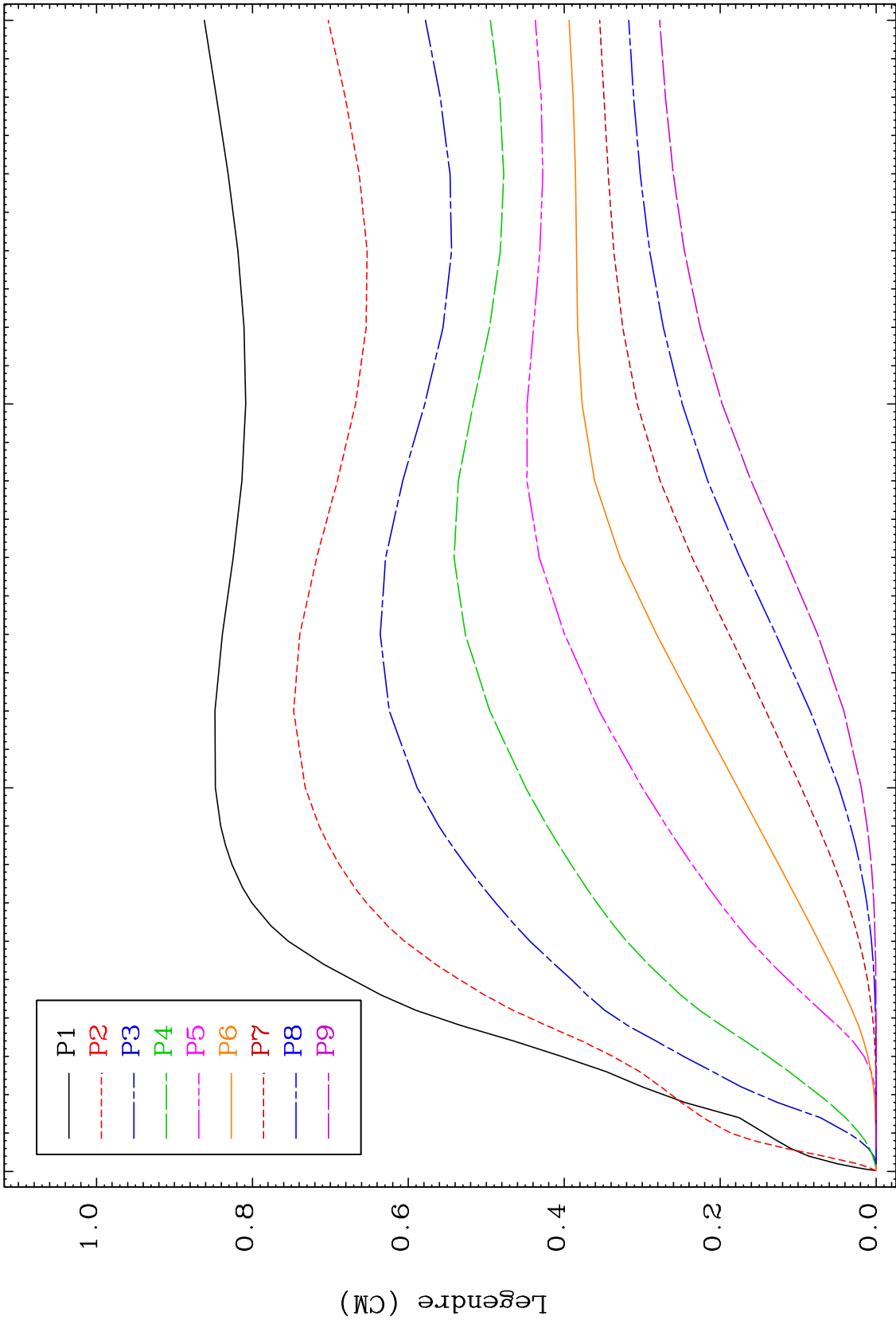
28-Ni-66



MAT 2849

Elastic Legendre Coefficients

28-Ni-66



15

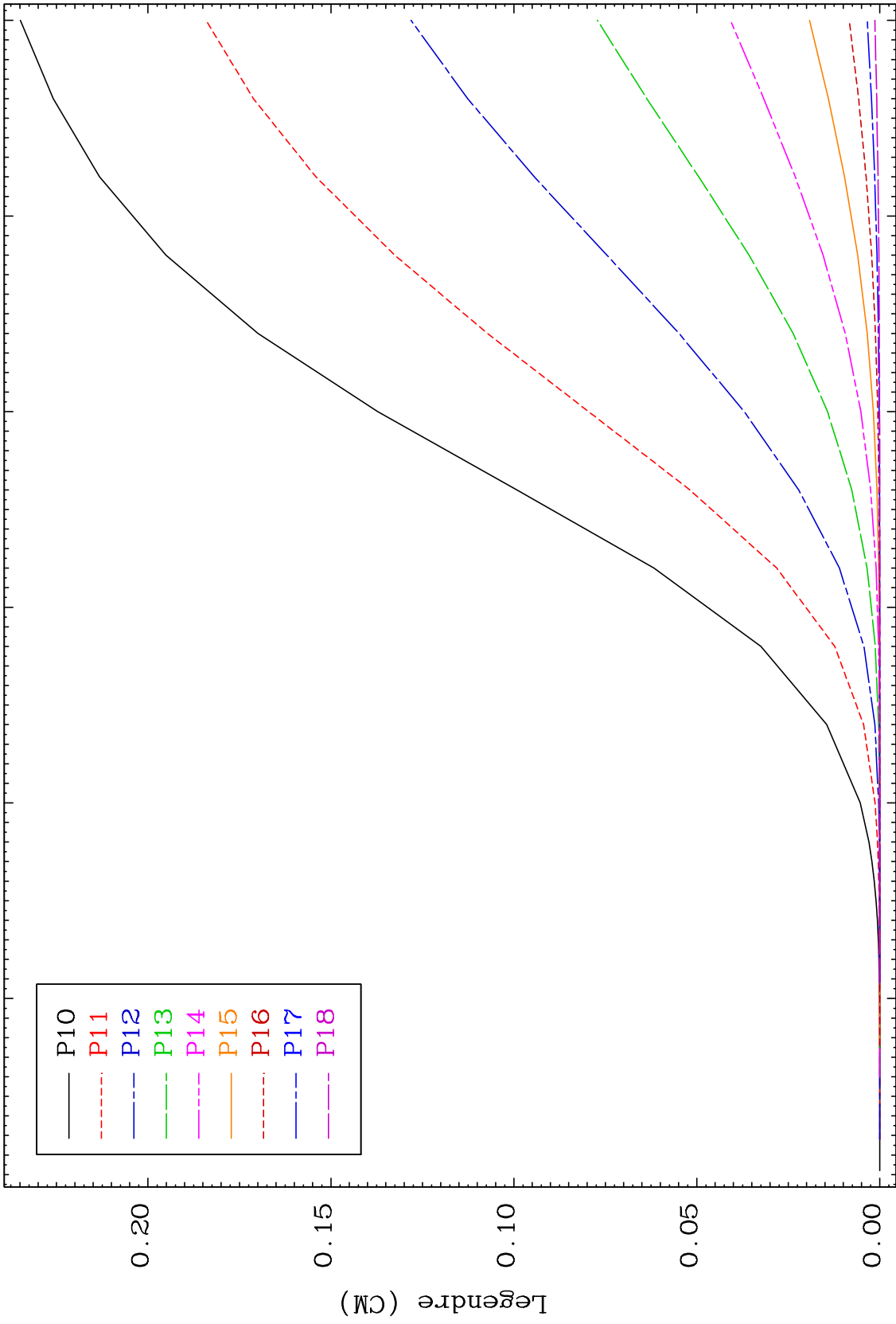
Incident Energy (MeV)

28-Ni-66

MAT 2849

Elastic Legendre Coefficients

²⁸Ni-66

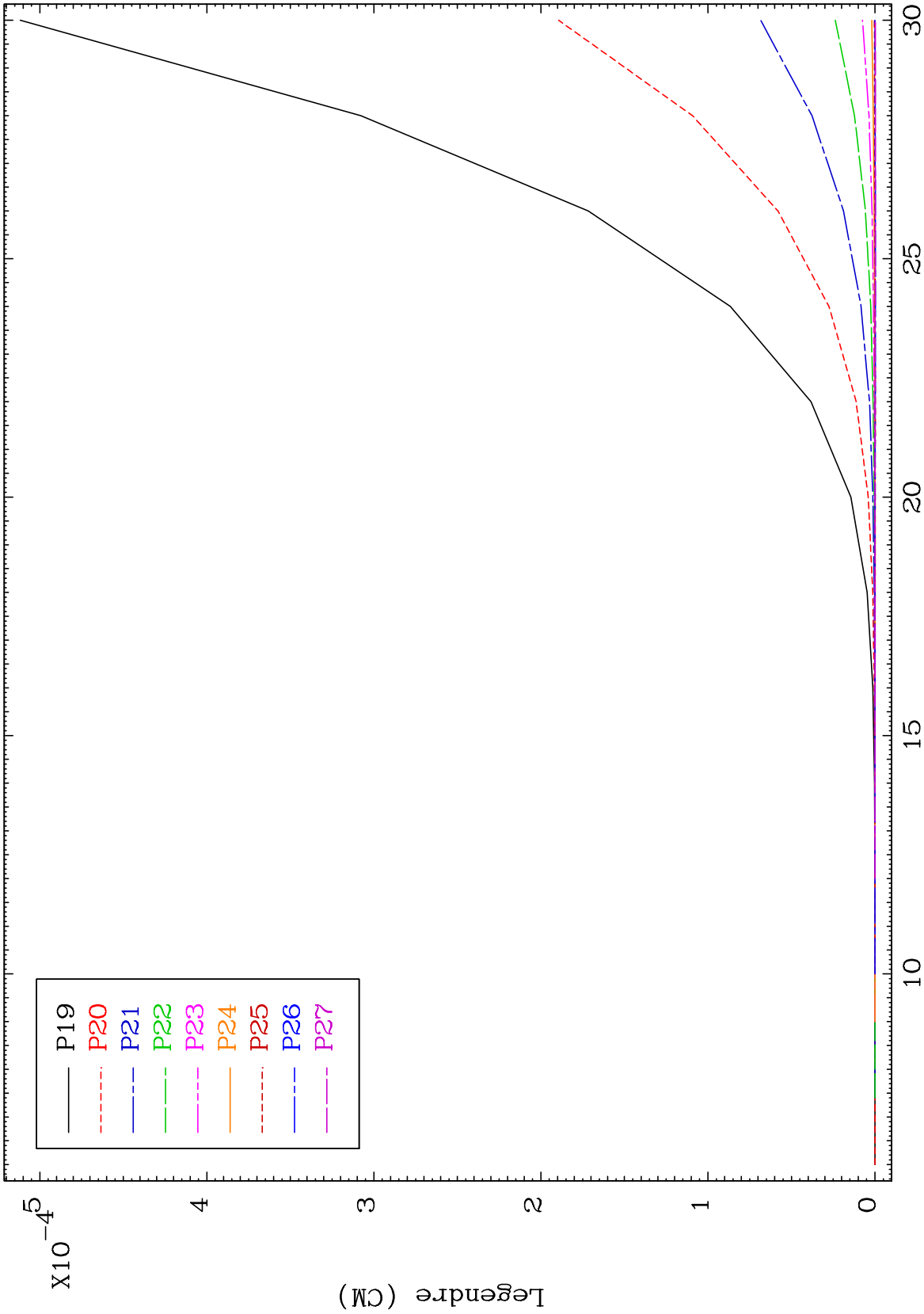


16

MAT 2849

Elastic Legendre Coefficients

²⁸Ni-66



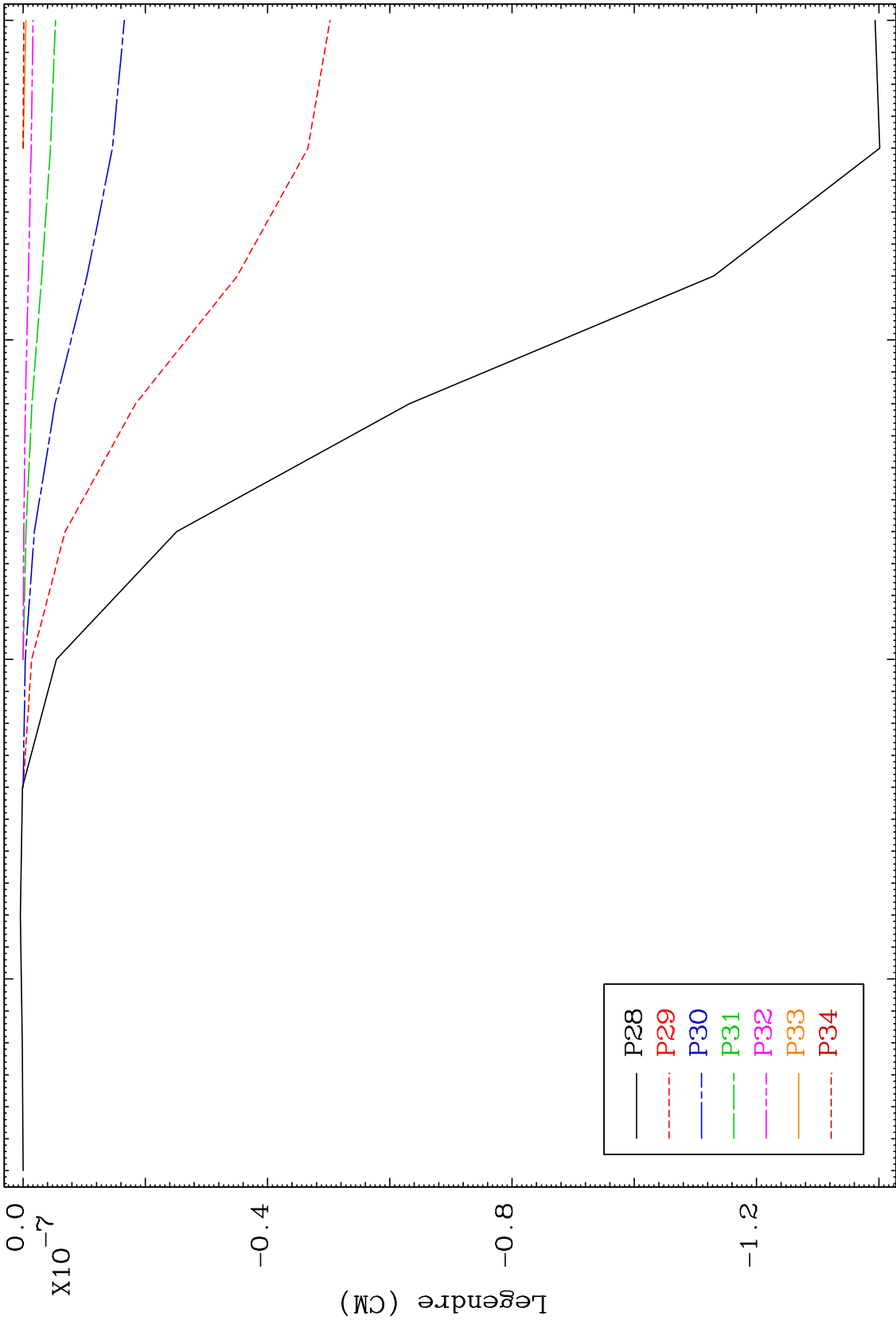
17

²⁸Ni-66

MAT 2849

28-Ni-66

Elastic Legendre Coefficients

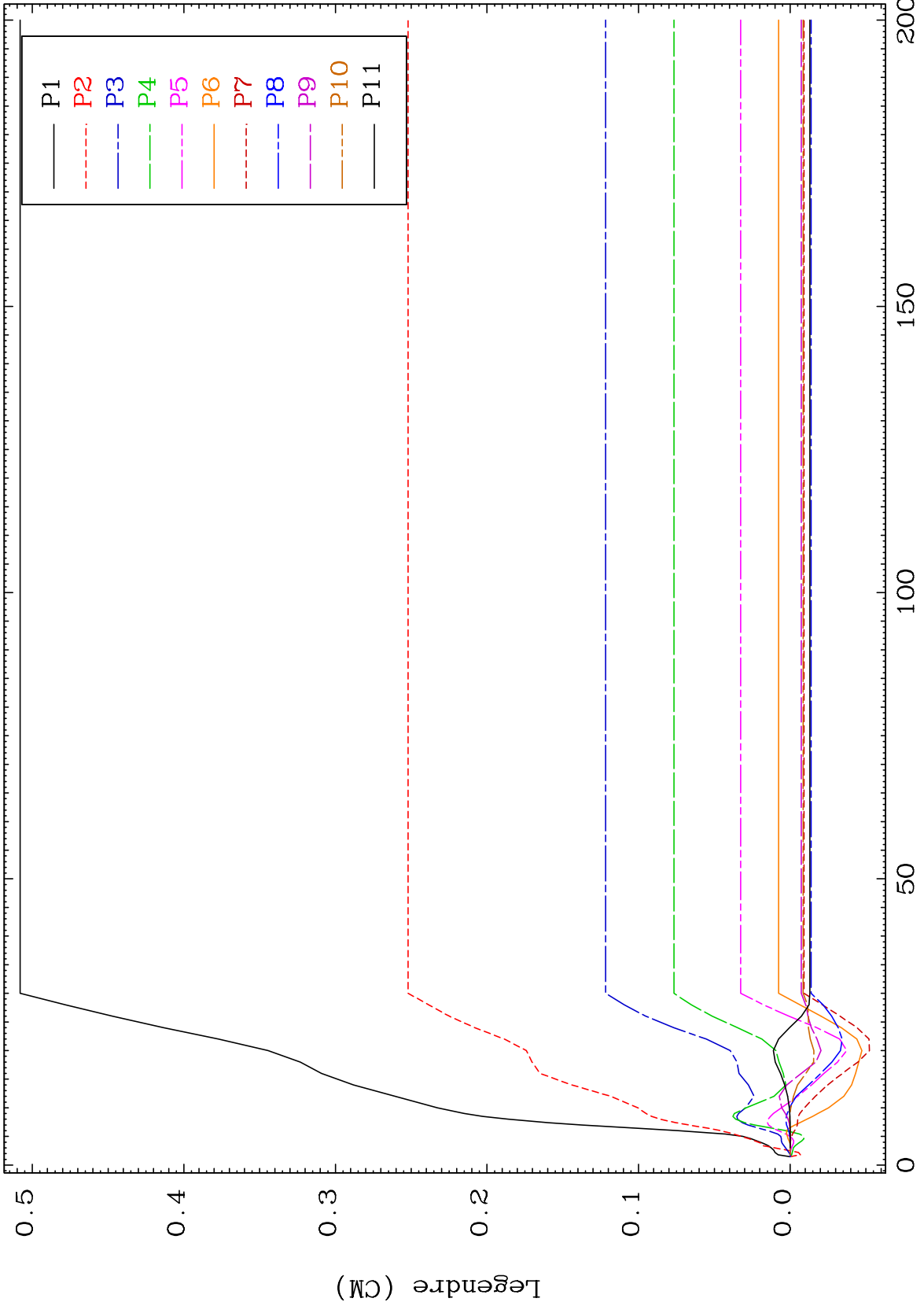


18

Incident Energy (MeV)

28-Ni-66

MAT 2849 MT= 51 (n,n') Level Legendre Coefficients 28-Ni-66

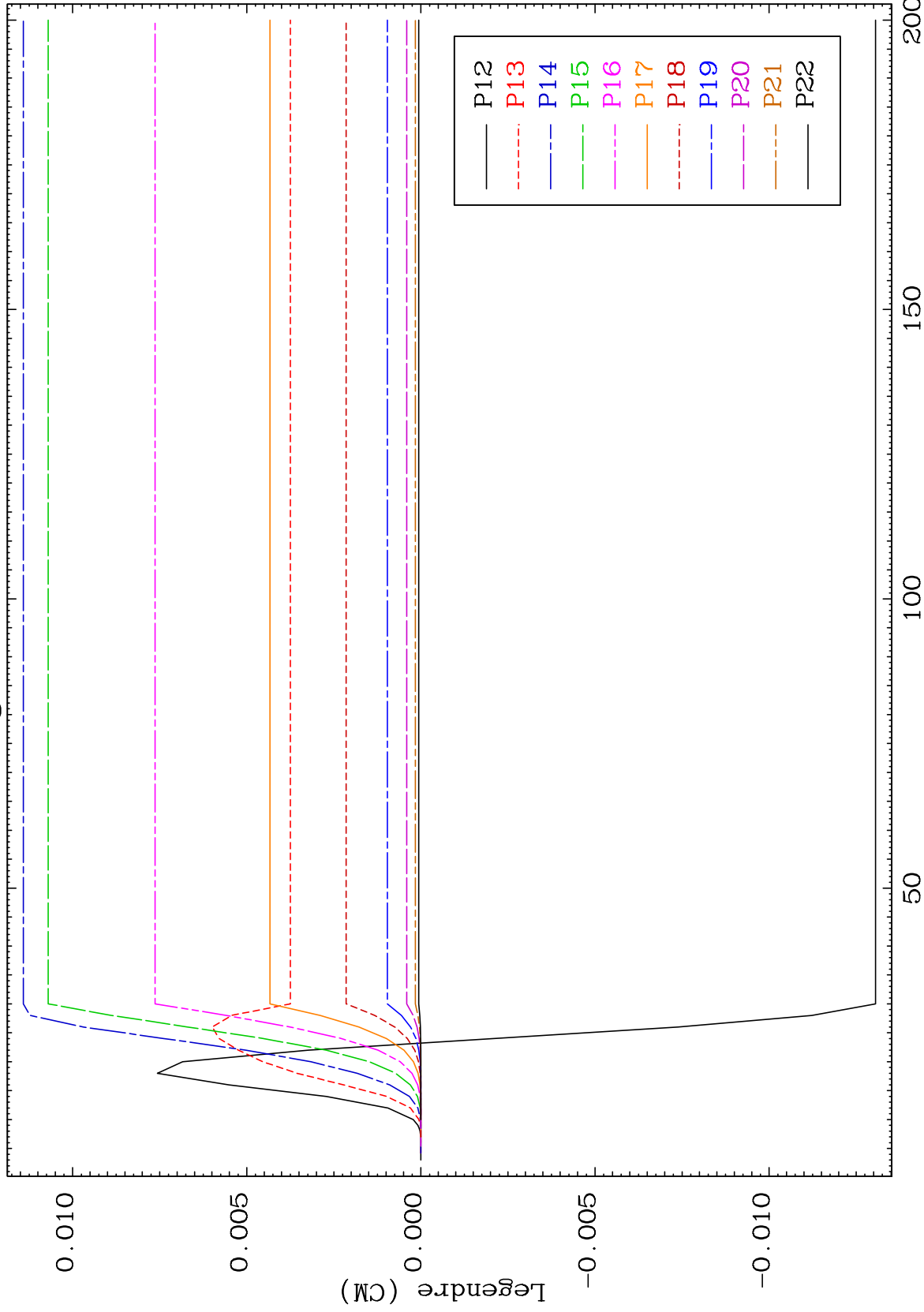


19 Incident Energy (MeV) 28-Ni-66

MAT 2849

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

28-Ni-66



20

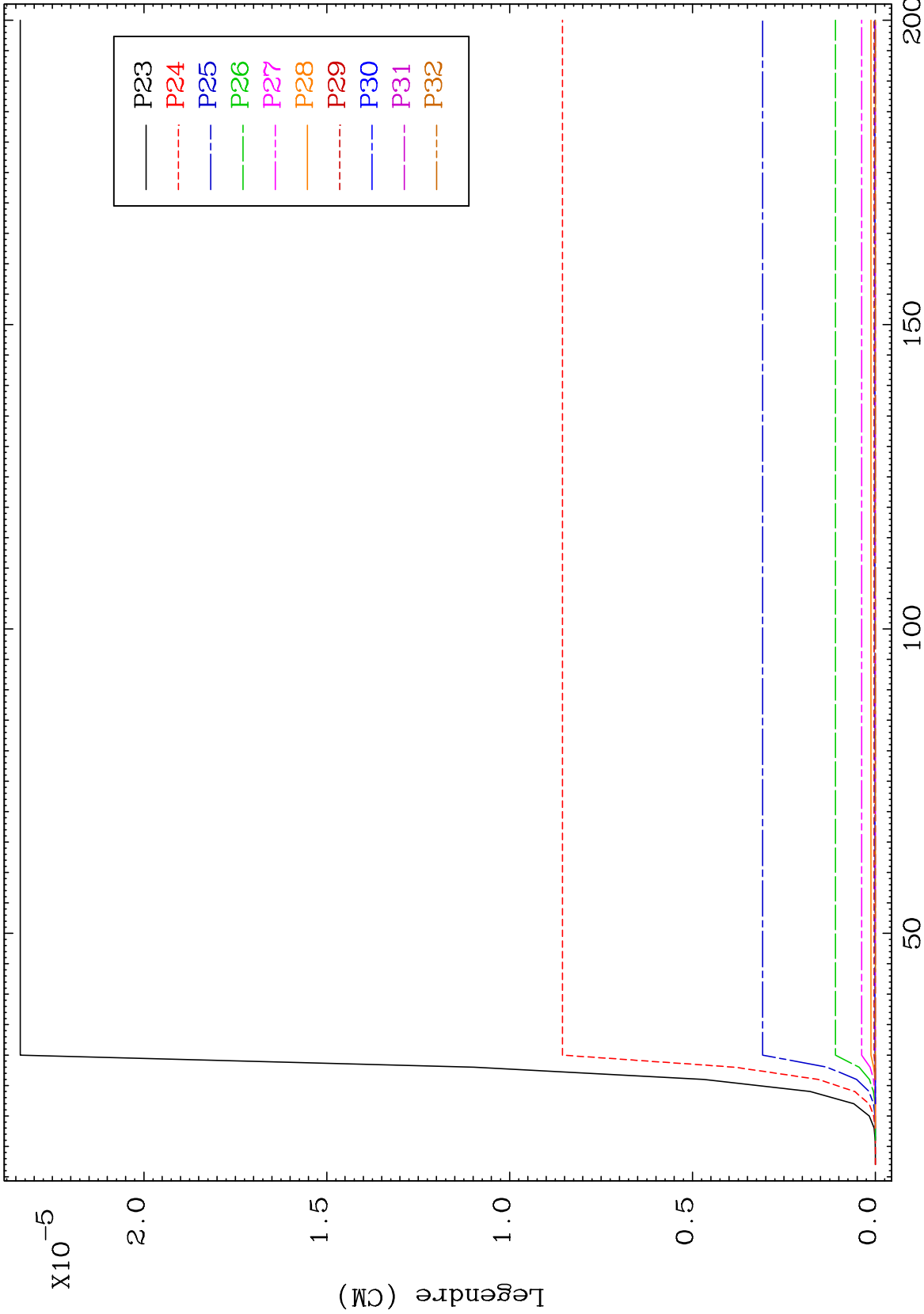
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



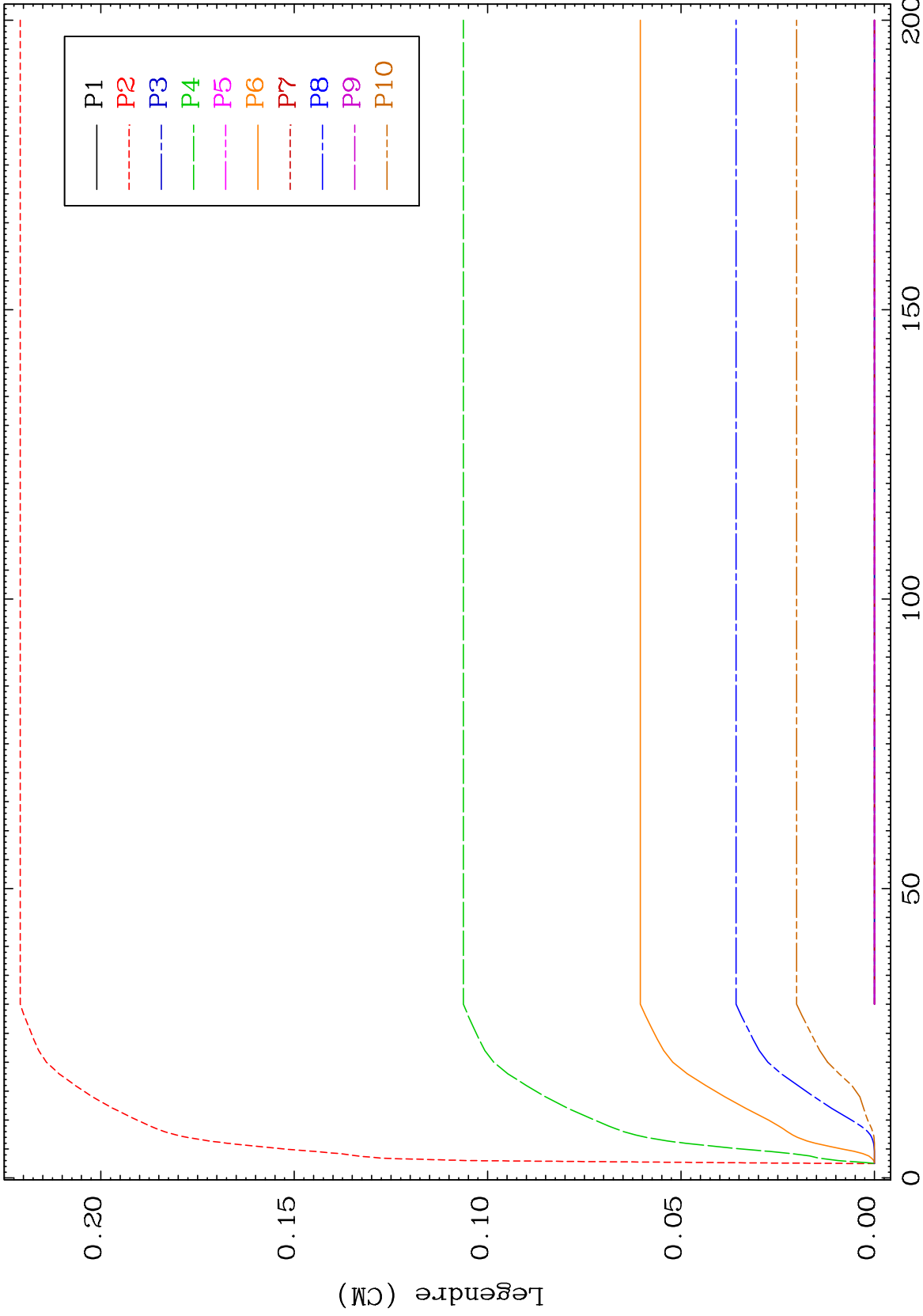
21

28-Ni-66

MAT 2849

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

28-Ni-66



22

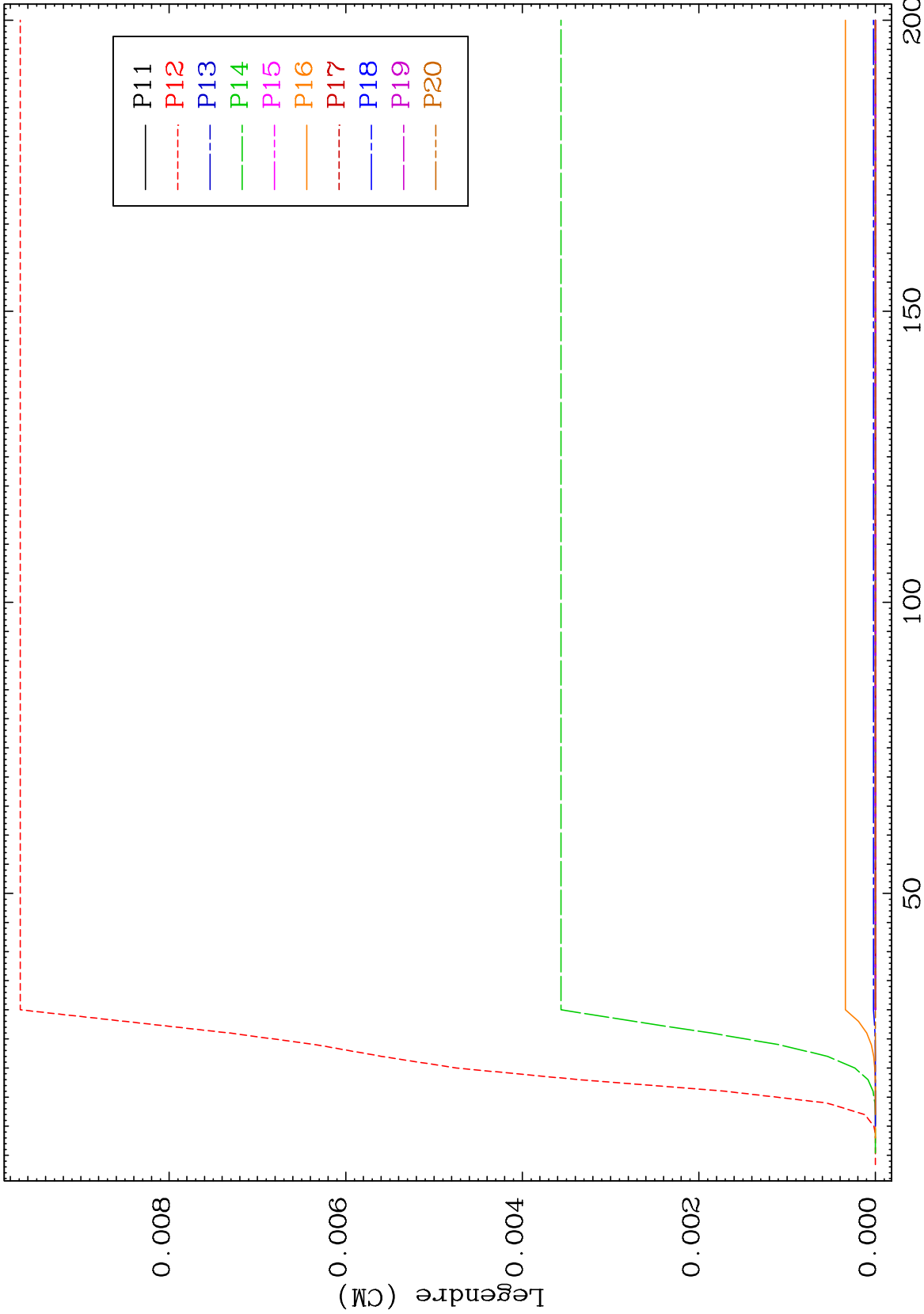
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66

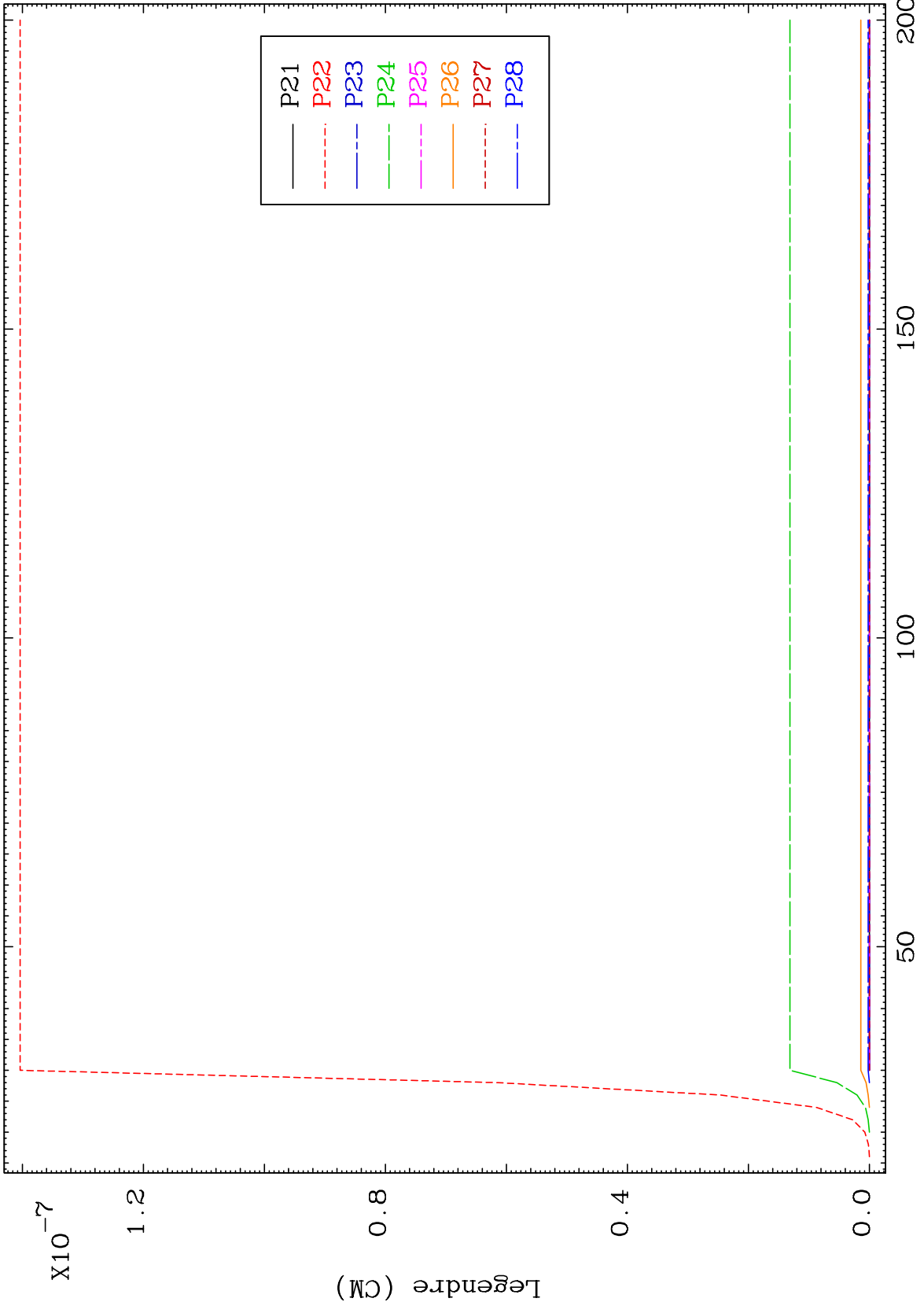


23

Incident Energy (MeV)

28-Ni-66

MAT 2849 MT= 52 (n,n') Level Legendre Coefficients 28-Ni-66

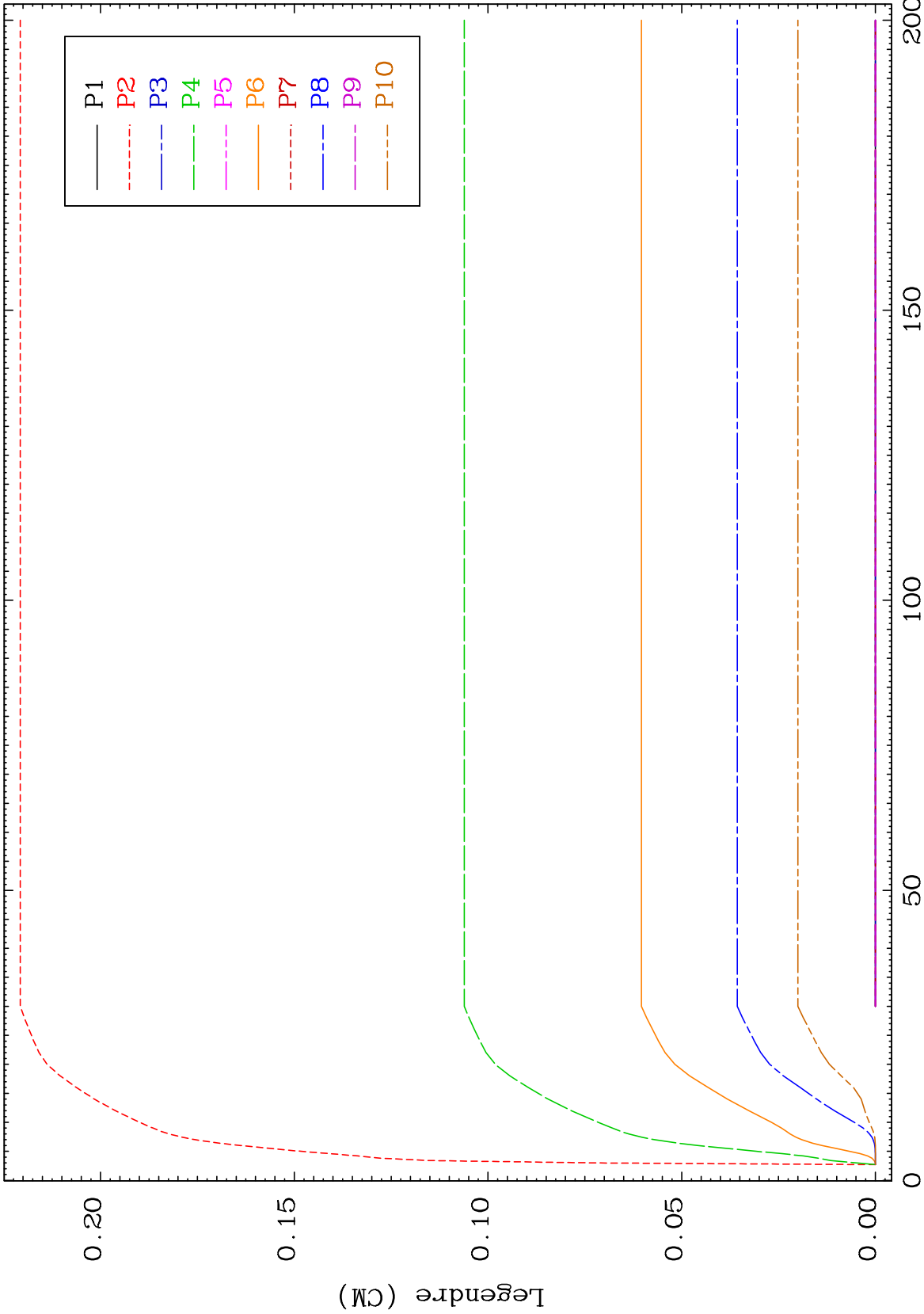


24 Incident Energy (MeV) 28-Ni-66

MAT 2849

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

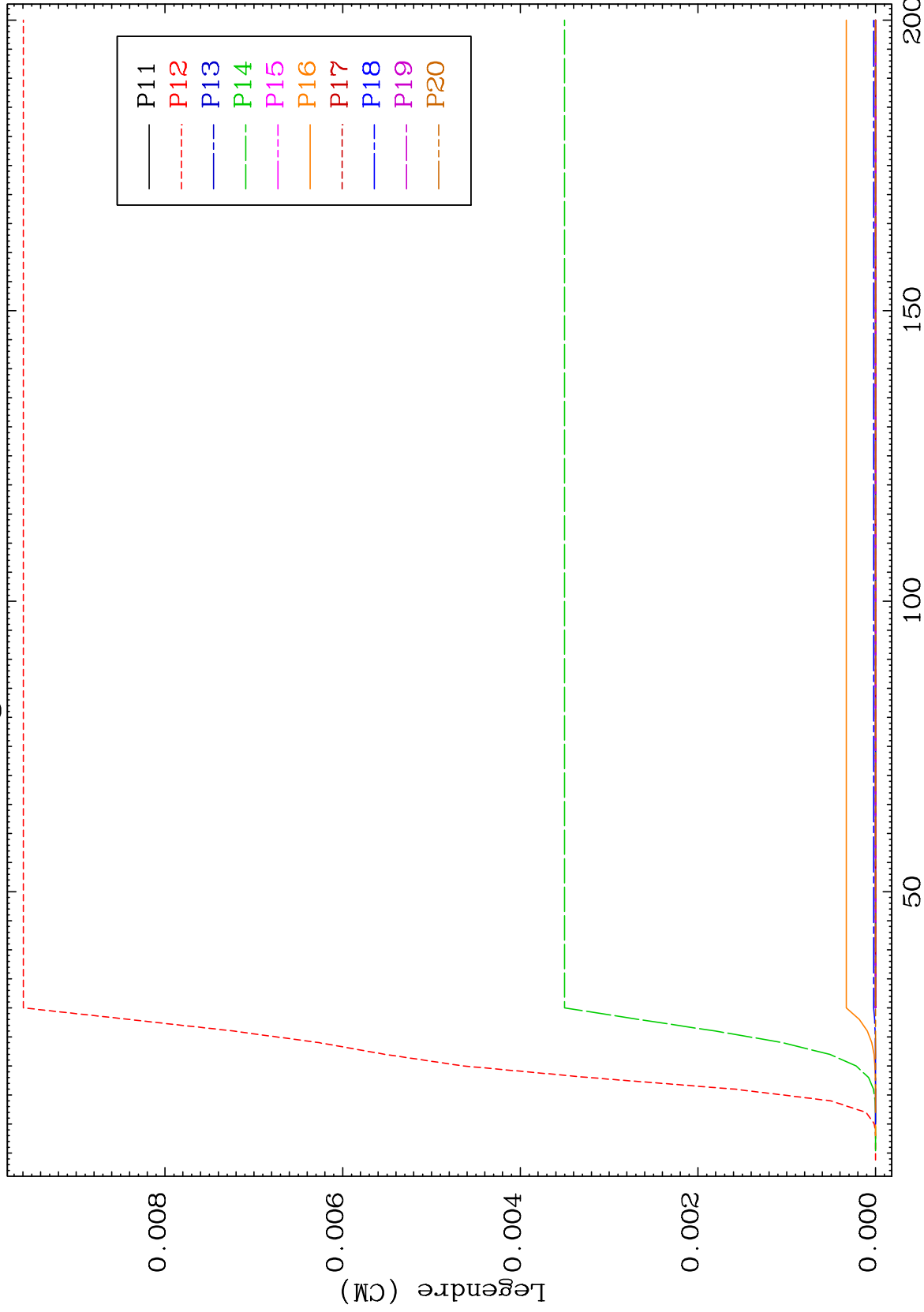
28-Ni-66



MAT 2849

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

28-Ni-66

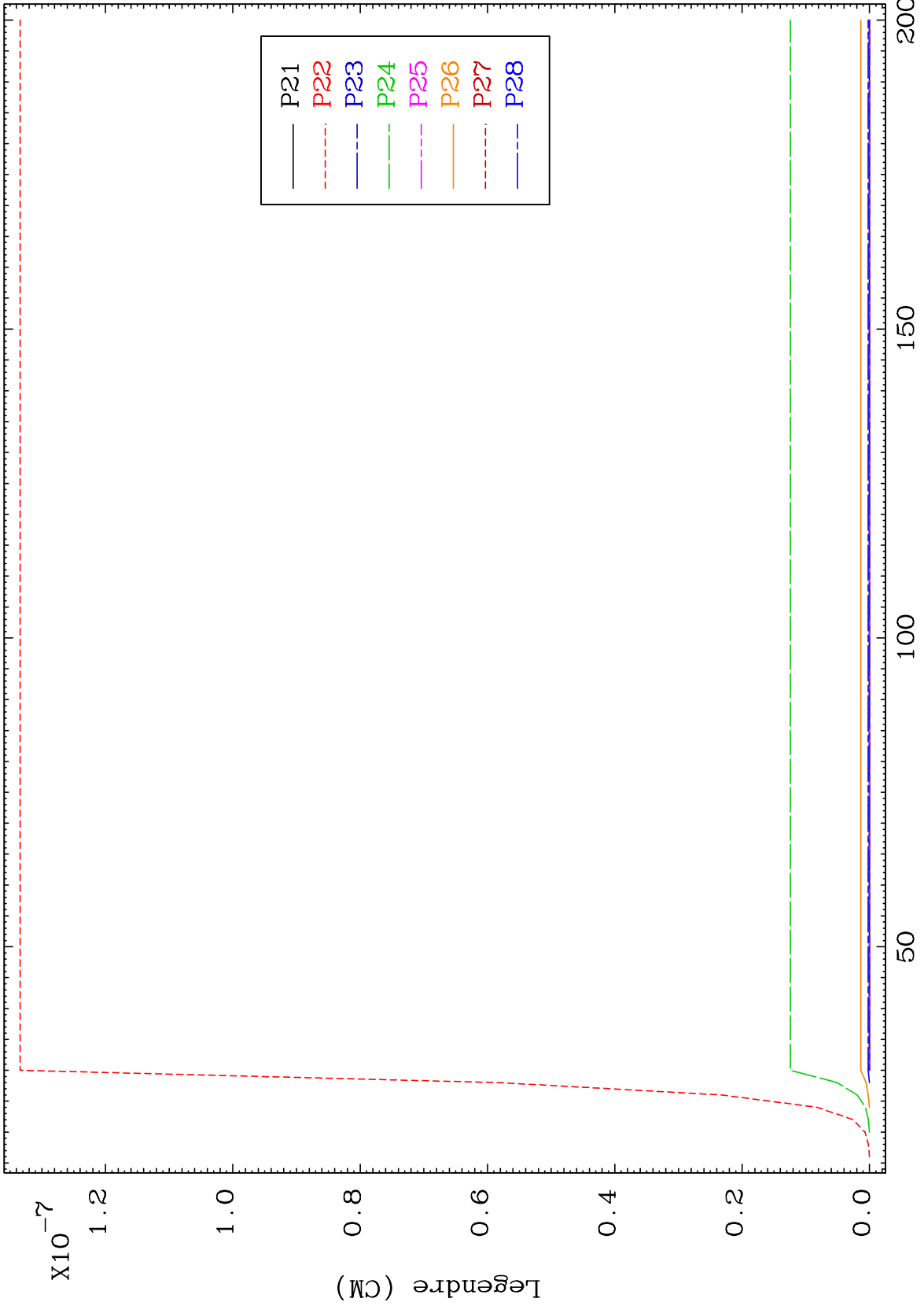


26

Incident Energy (MeV)

28-Ni-66

MAT 2849 MT= 53 (n,n') Level Legendre Coefficients 28-Ni-66

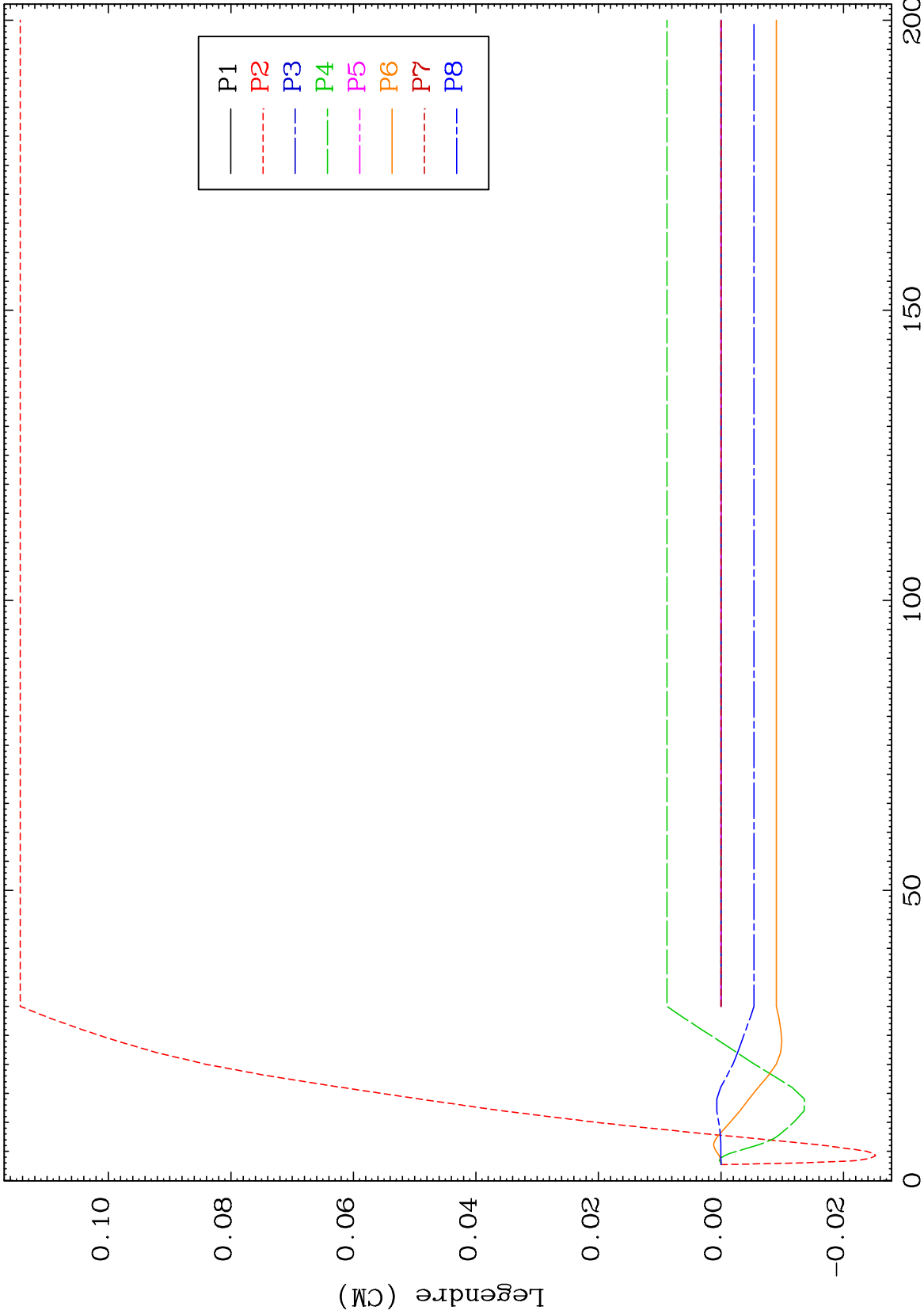


27 Incident Energy (MeV) 28-Ni-66

MAT 2849

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

28-Ni-66



28

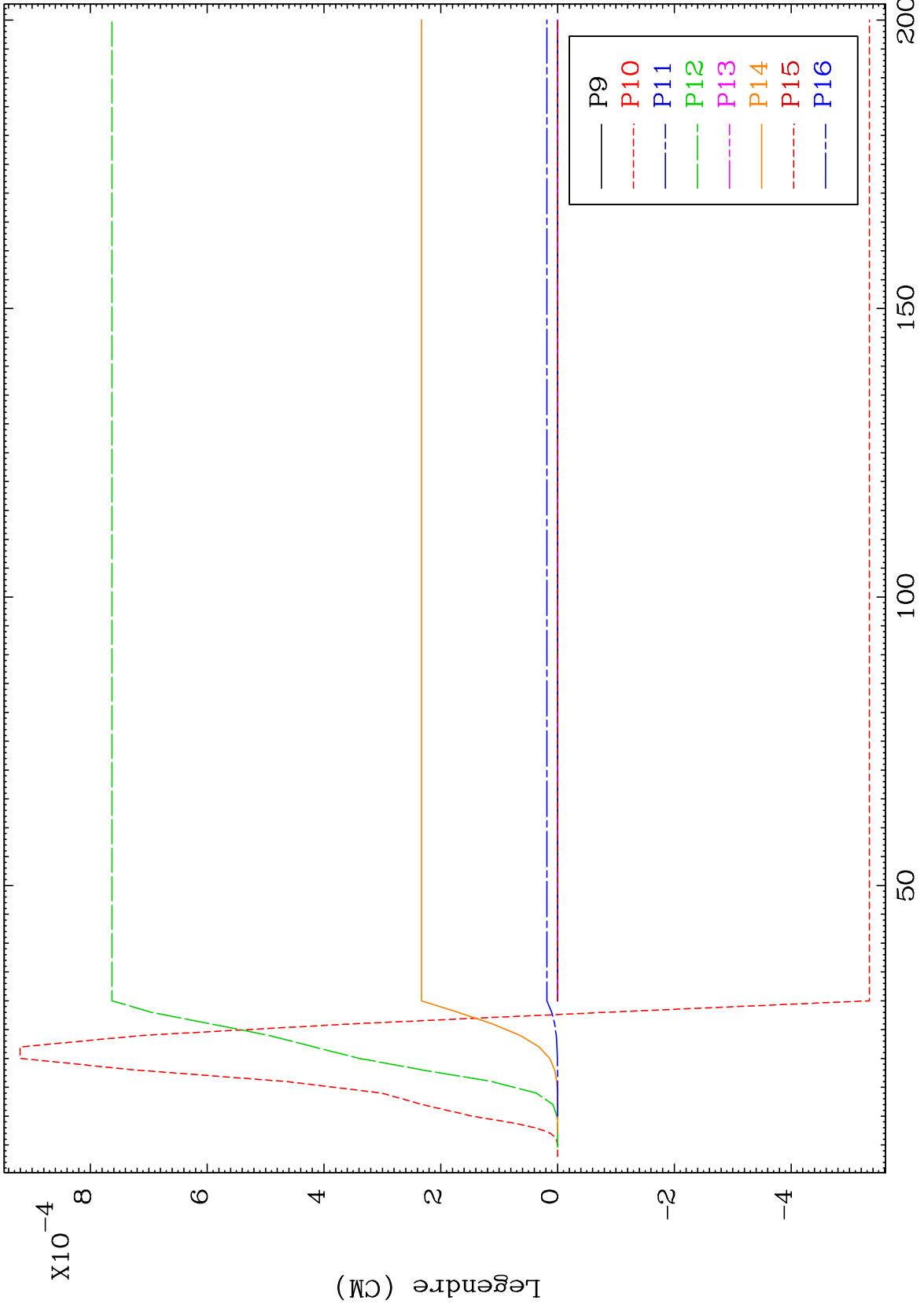
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66

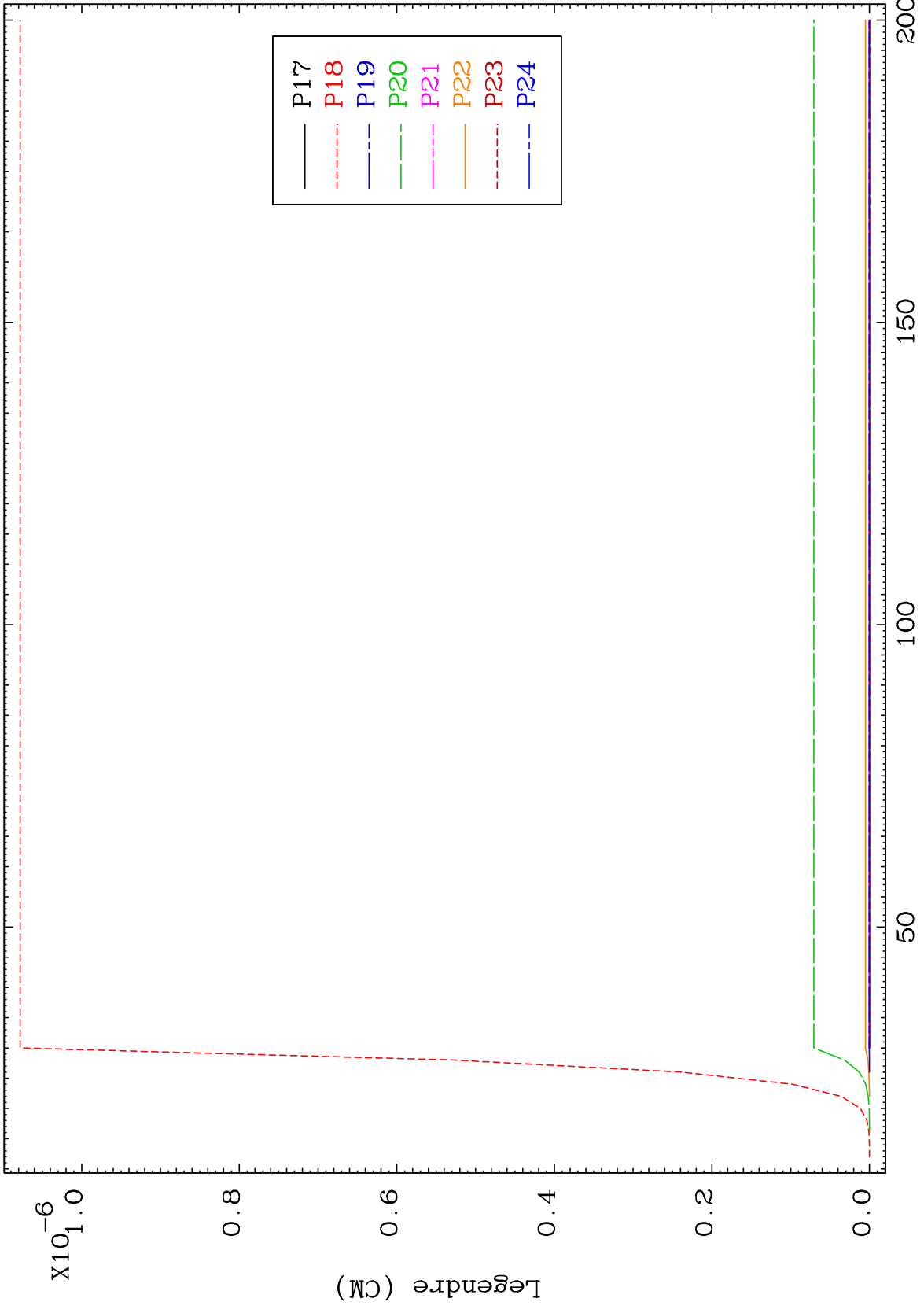


29

Incident Energy (MeV)

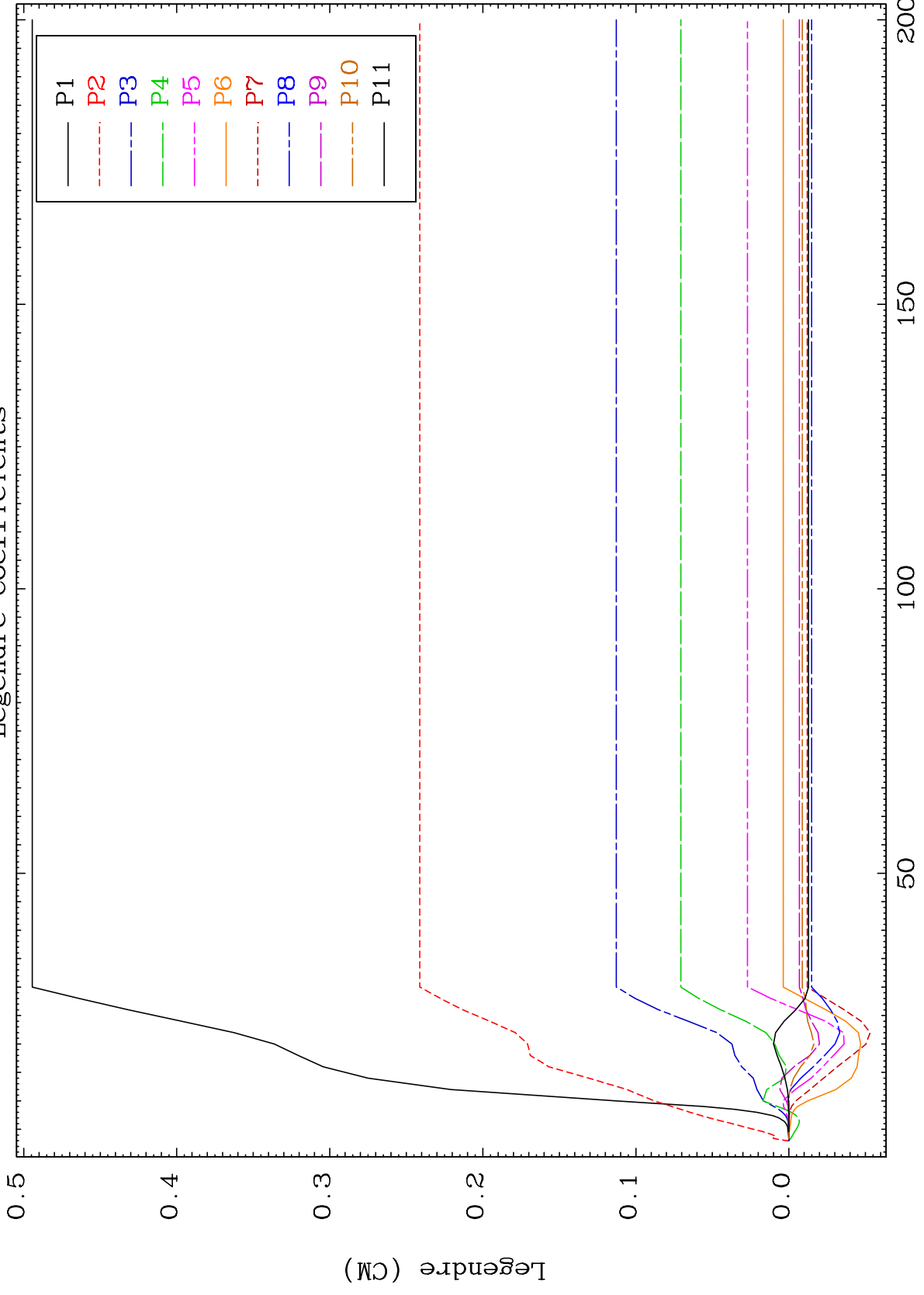
28-Ni-66

MAT 2849 MT= 54 (n,n') Level Legendre Coefficients 28-Ni-66



30 50 100 150 200 28-Ni-66

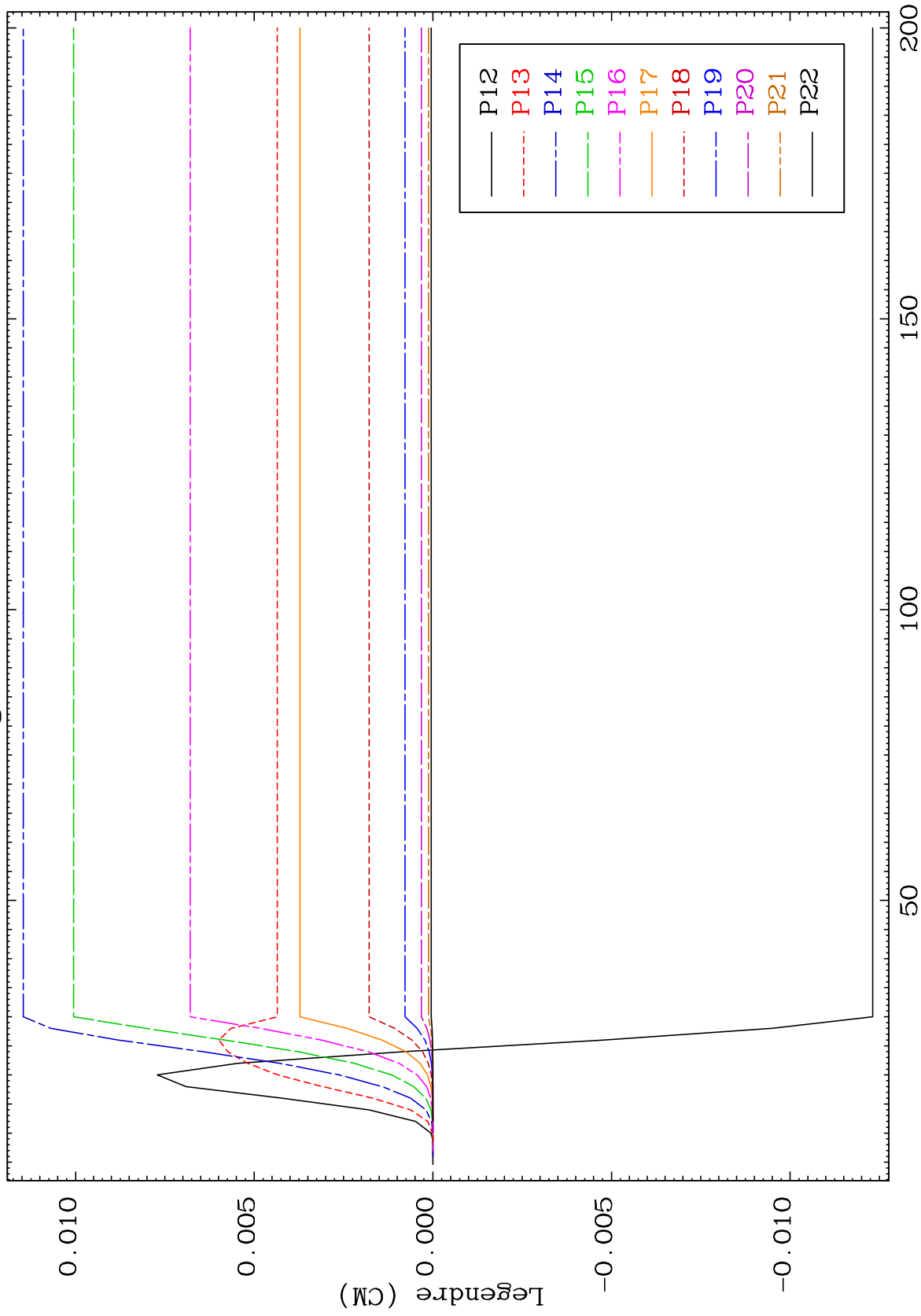
MAT 2849 MT= 55 (n,n') Level Legendre Coefficients 28-Ni-66



MAT 2849

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

28-Ni-66



32

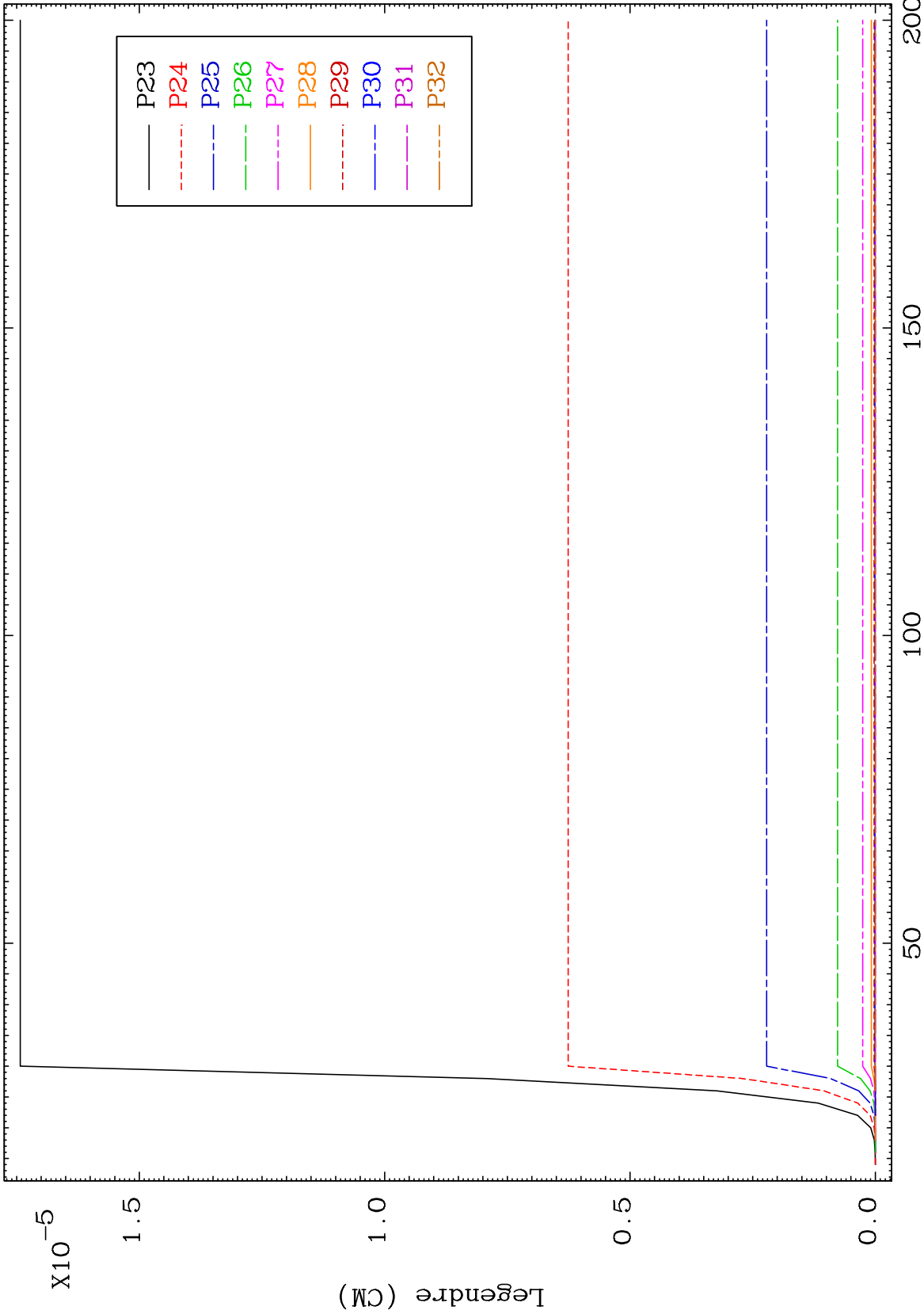
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66

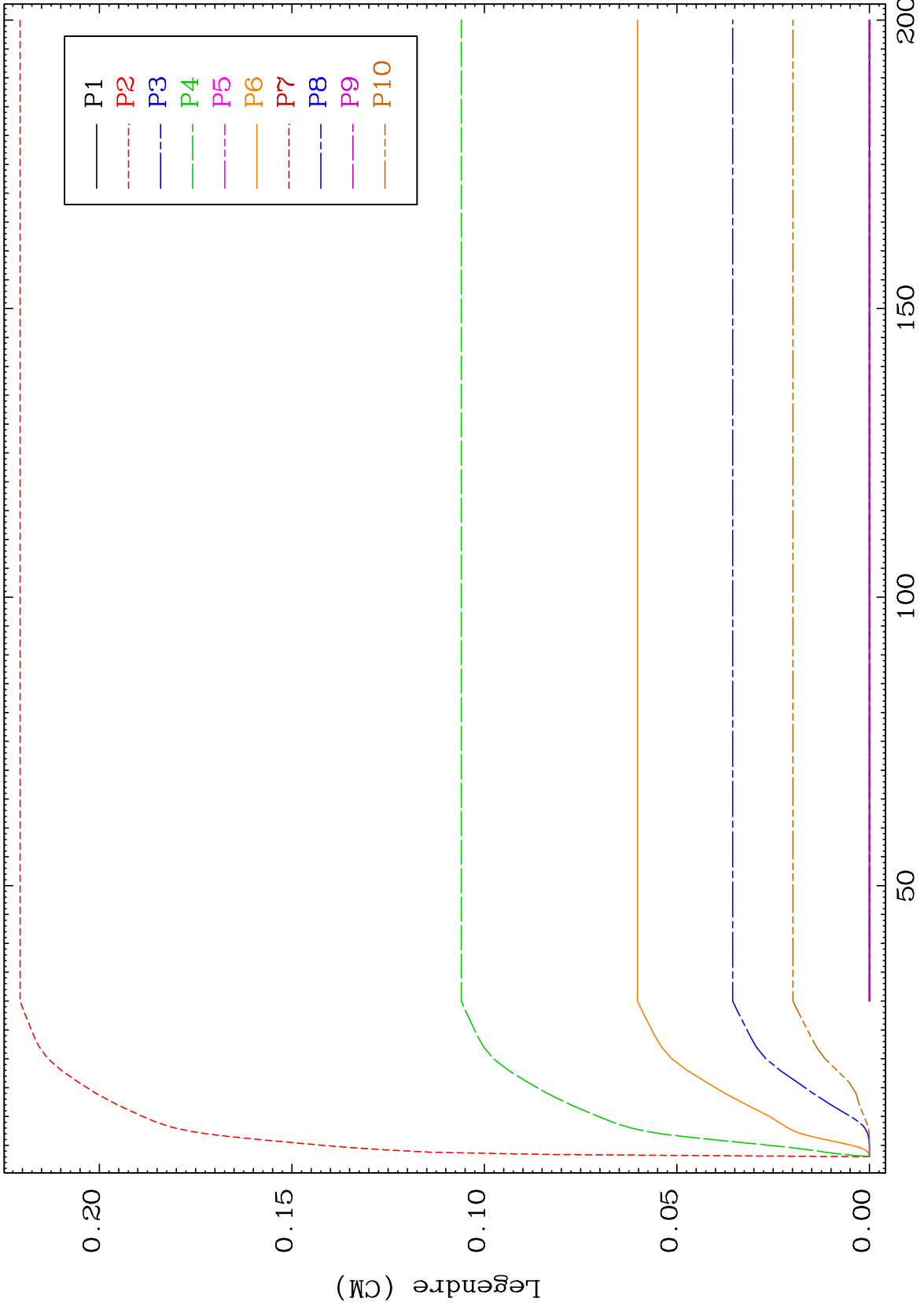


33

Incident Energy (MeV)

28-Ni-66

MAT 2849 MT= 56 (n,n') Level Legendre Coefficients 28-Ni-66

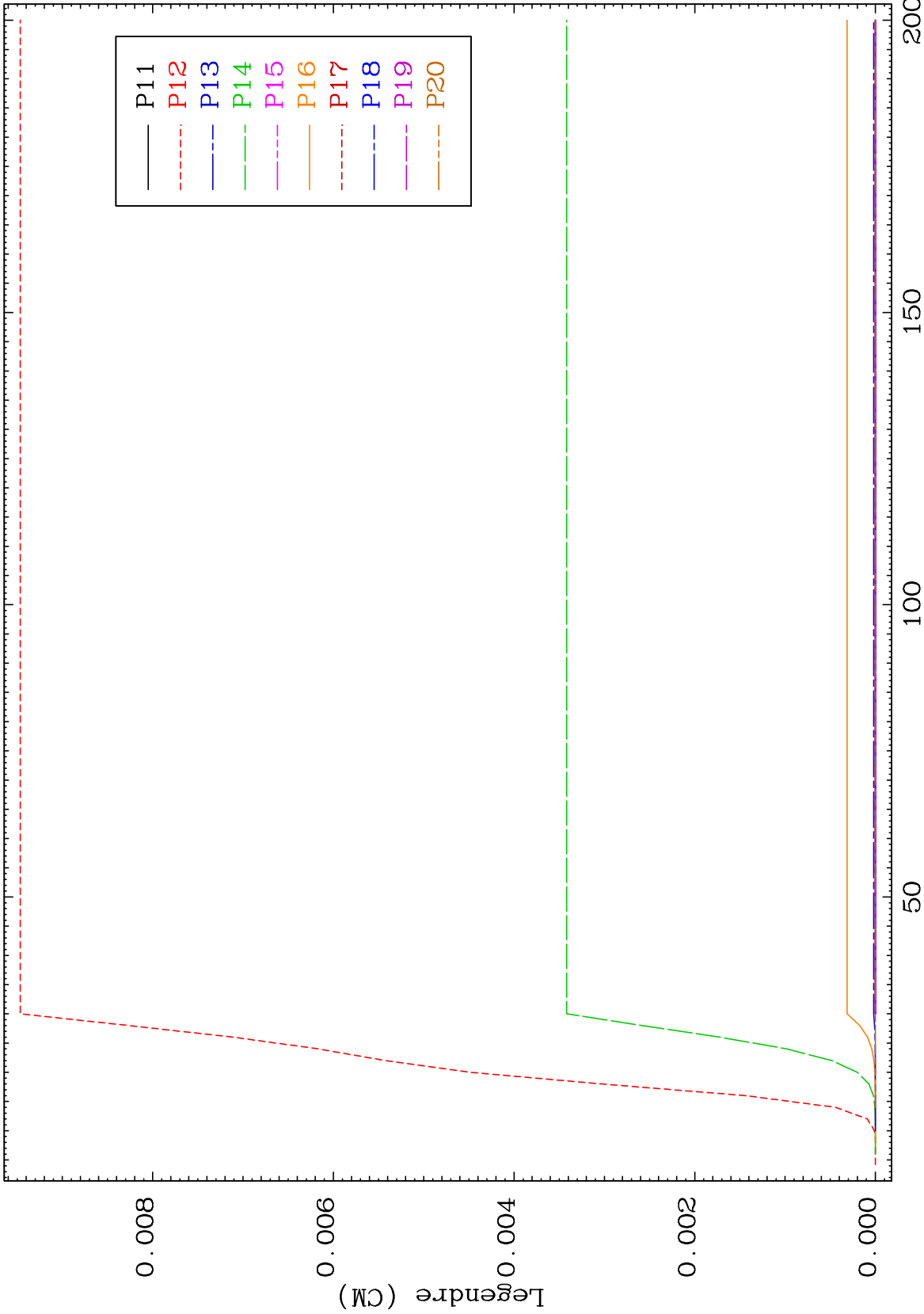


34 Incident Energy (MeV) 28-Ni-66

MAT 2849

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

28-Ni-66

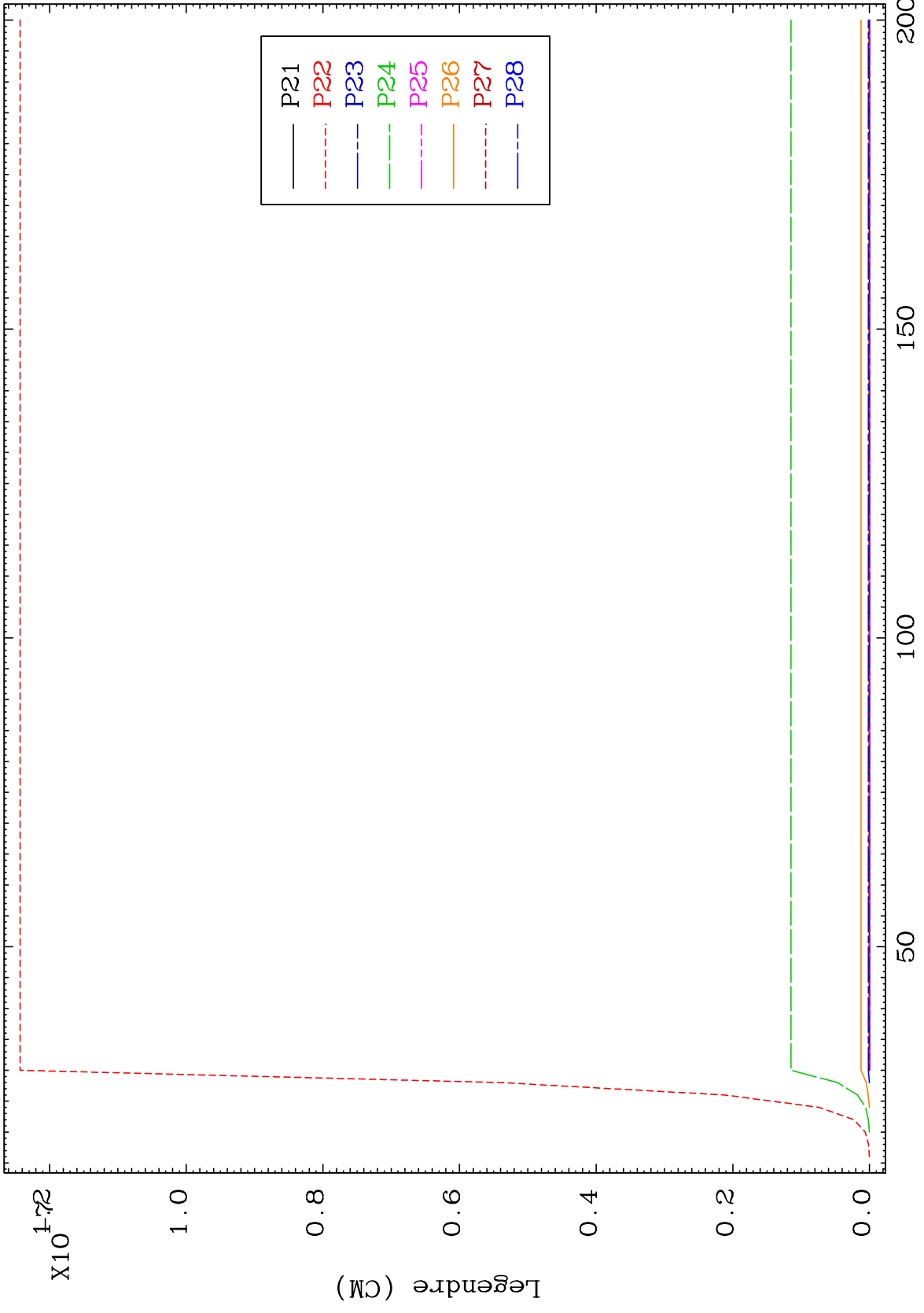


35

Incident Energy (MeV)

28-Ni-66

MAT 2849 MT= 56 (n,n') Level Legendre Coefficients 28-Ni-66

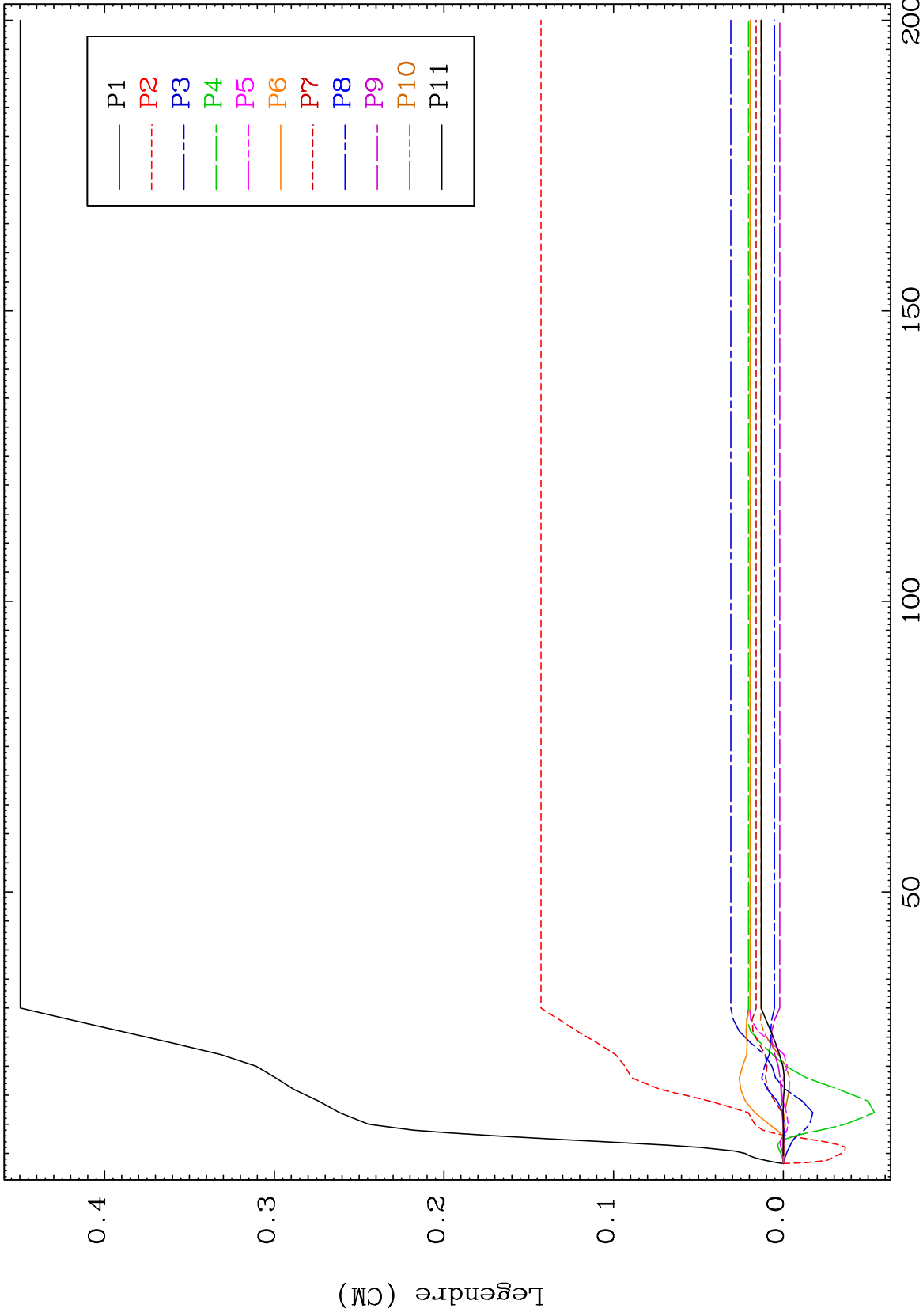


36 Incident Energy (MeV) 28-Ni-66

MAT 2849

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

28-Ni-66



37

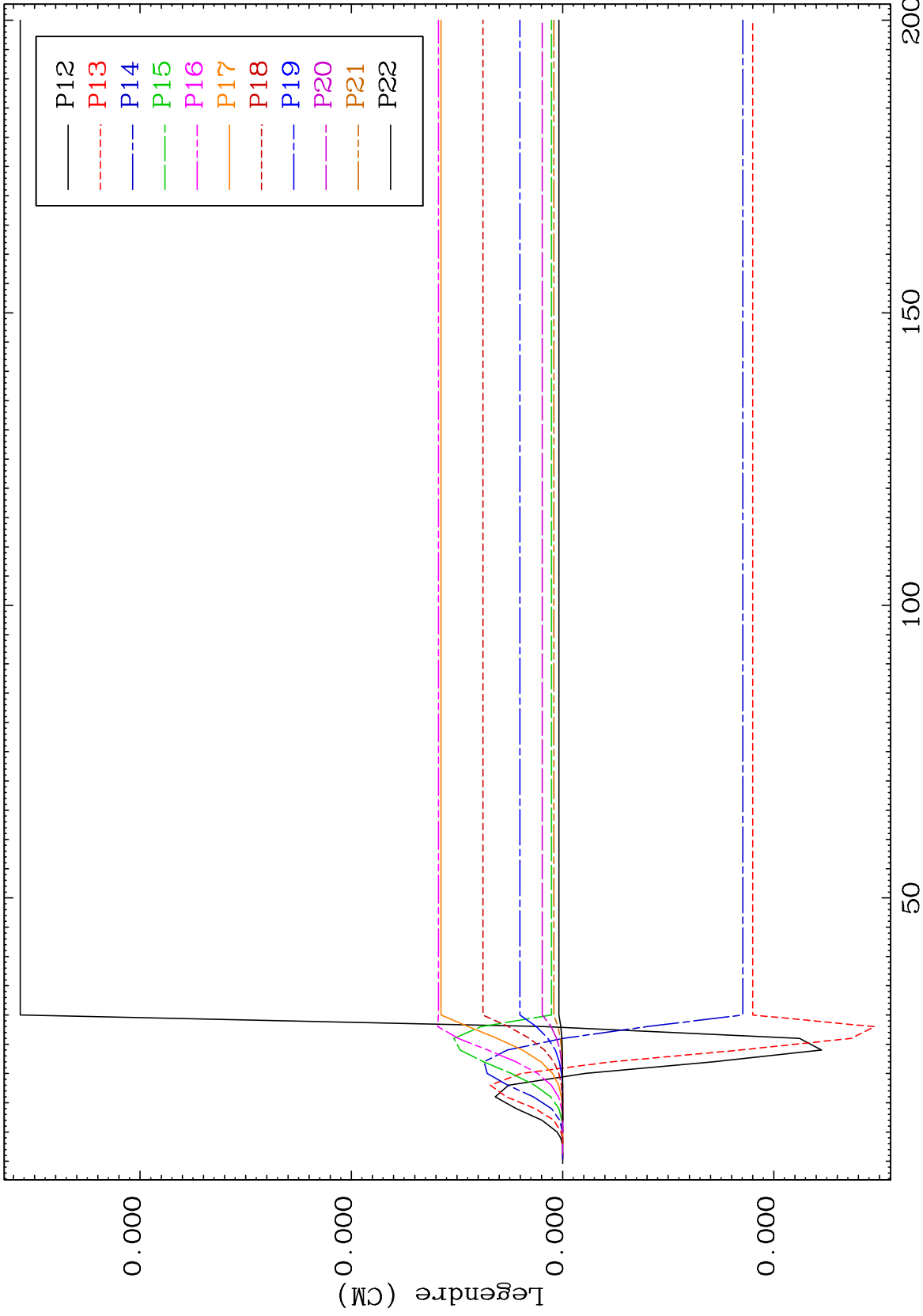
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



38

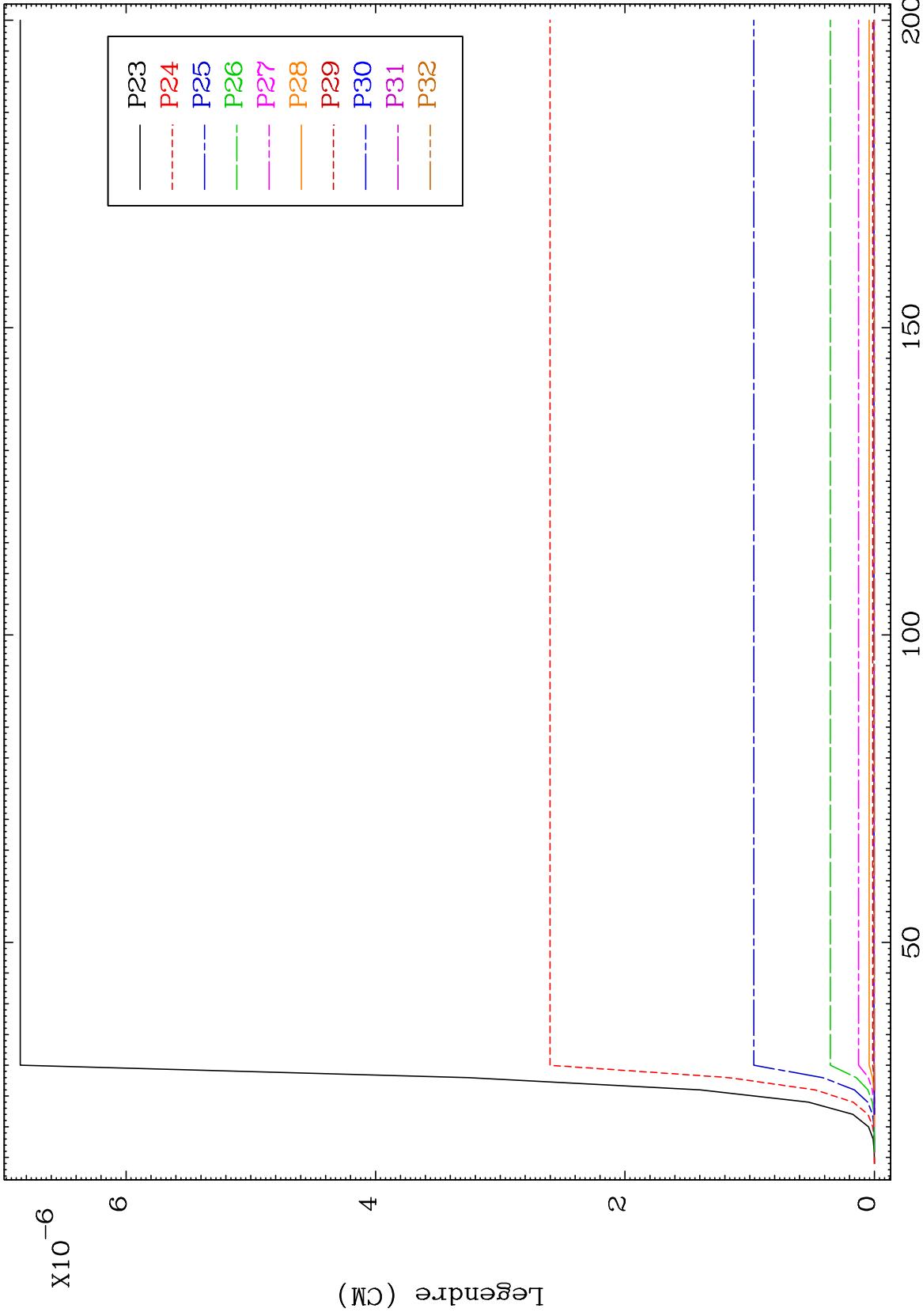
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66

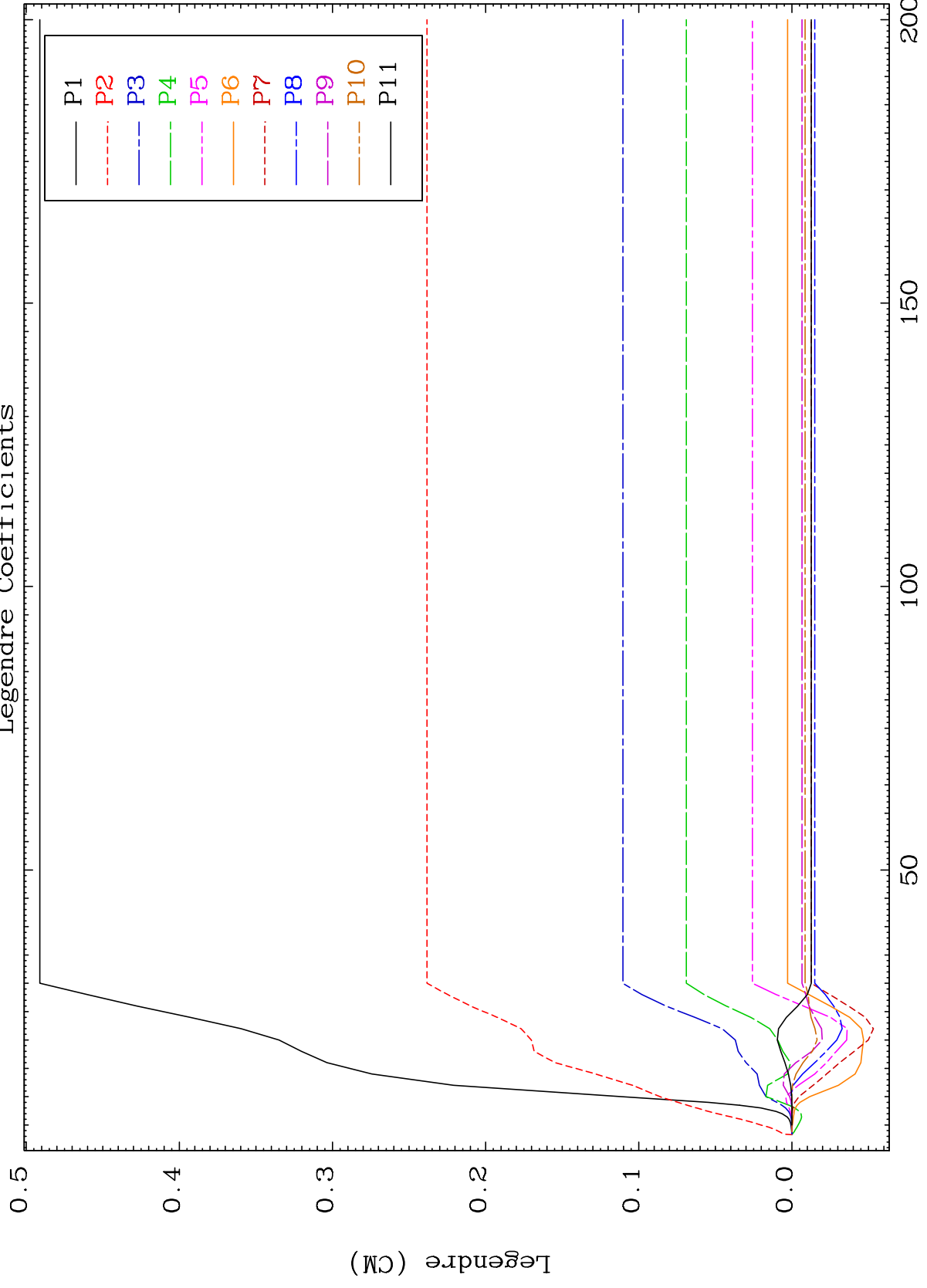


39

Incident Energy (MeV)

28-Ni-66

MAT 2849 MT= 58 (n,n') Level Legendre Coefficients 28-Ni-66

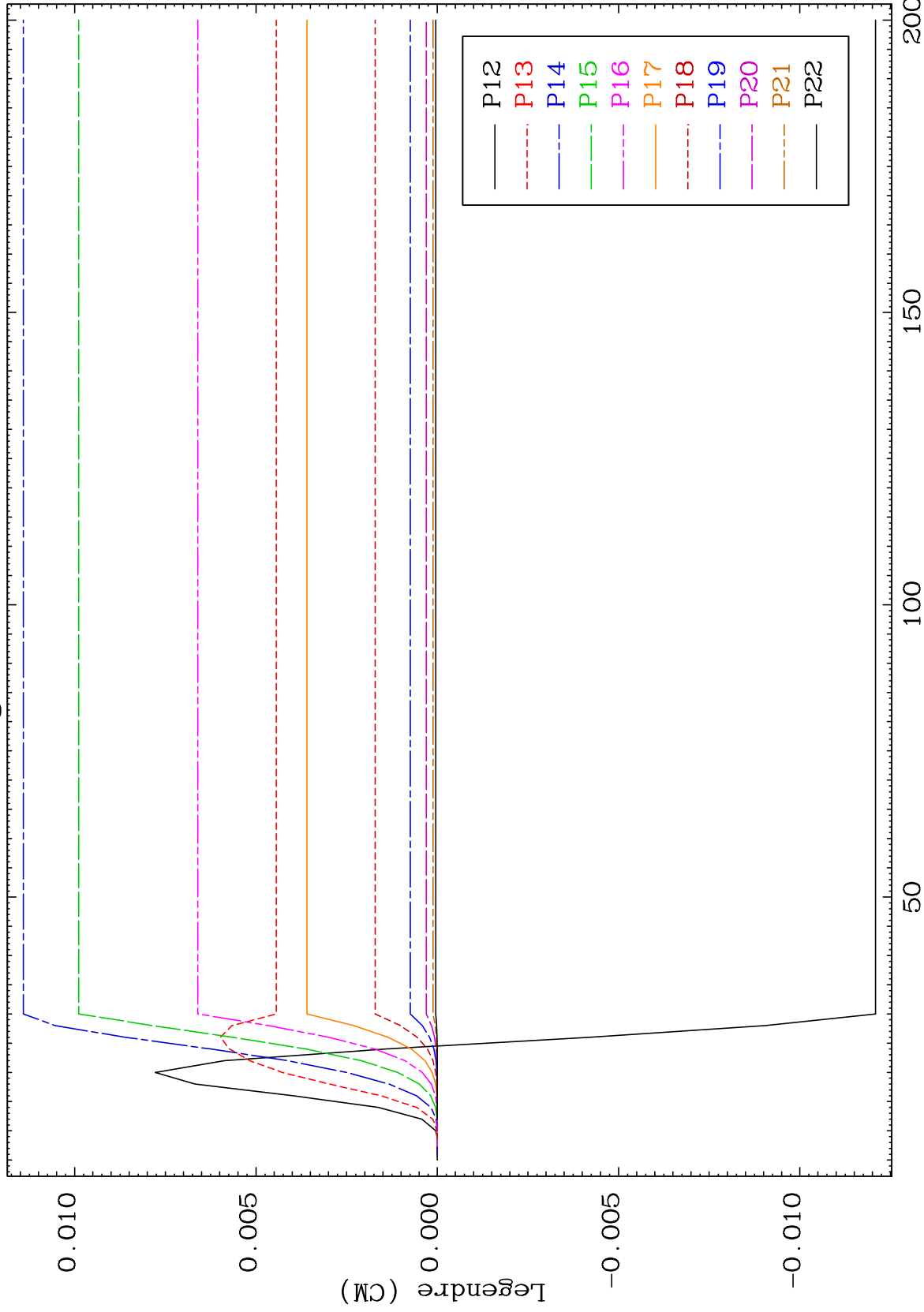


40 50 100 150 200 28-Ni-66

MAT 2849

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

28-Ni-66



41

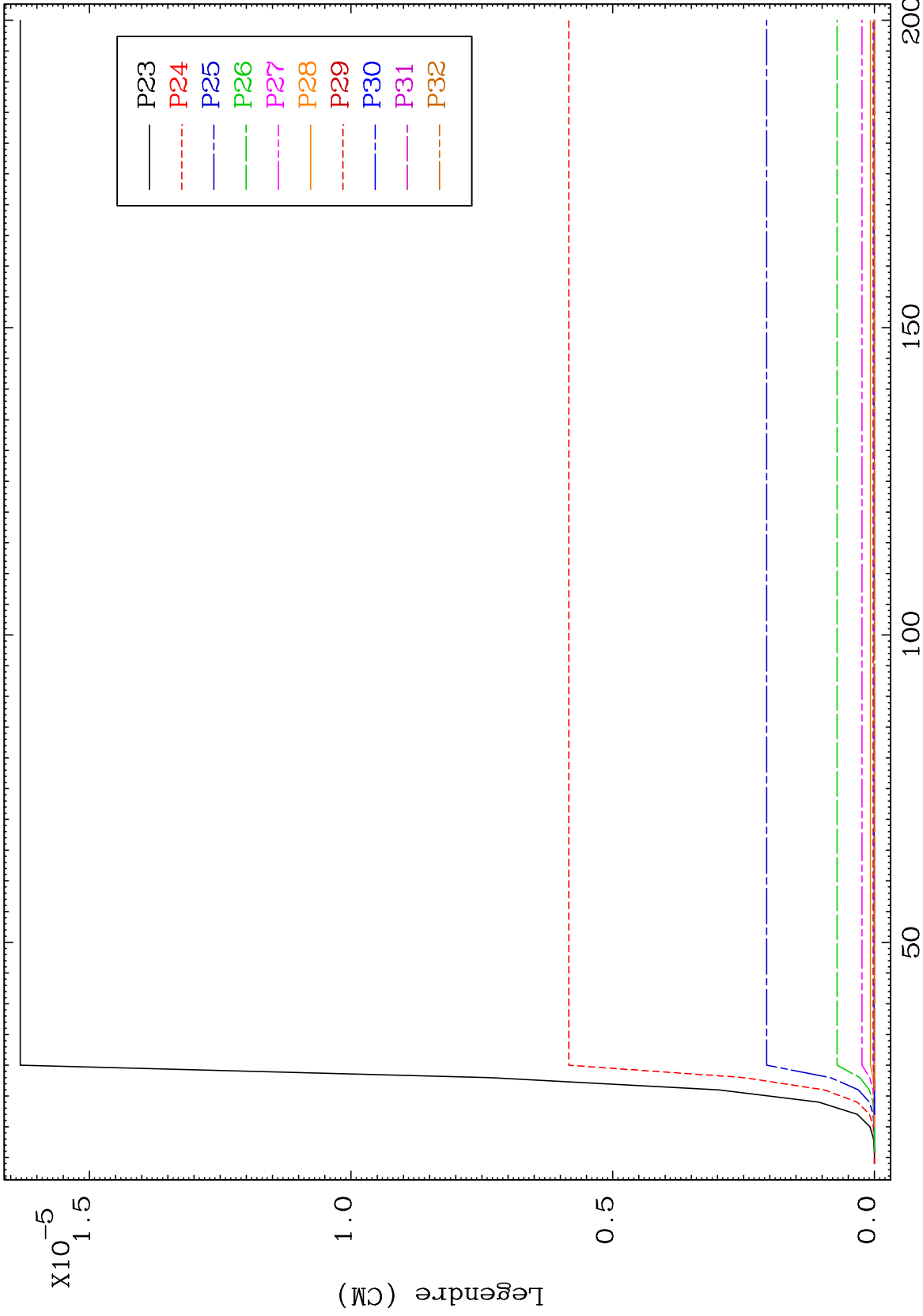
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



42

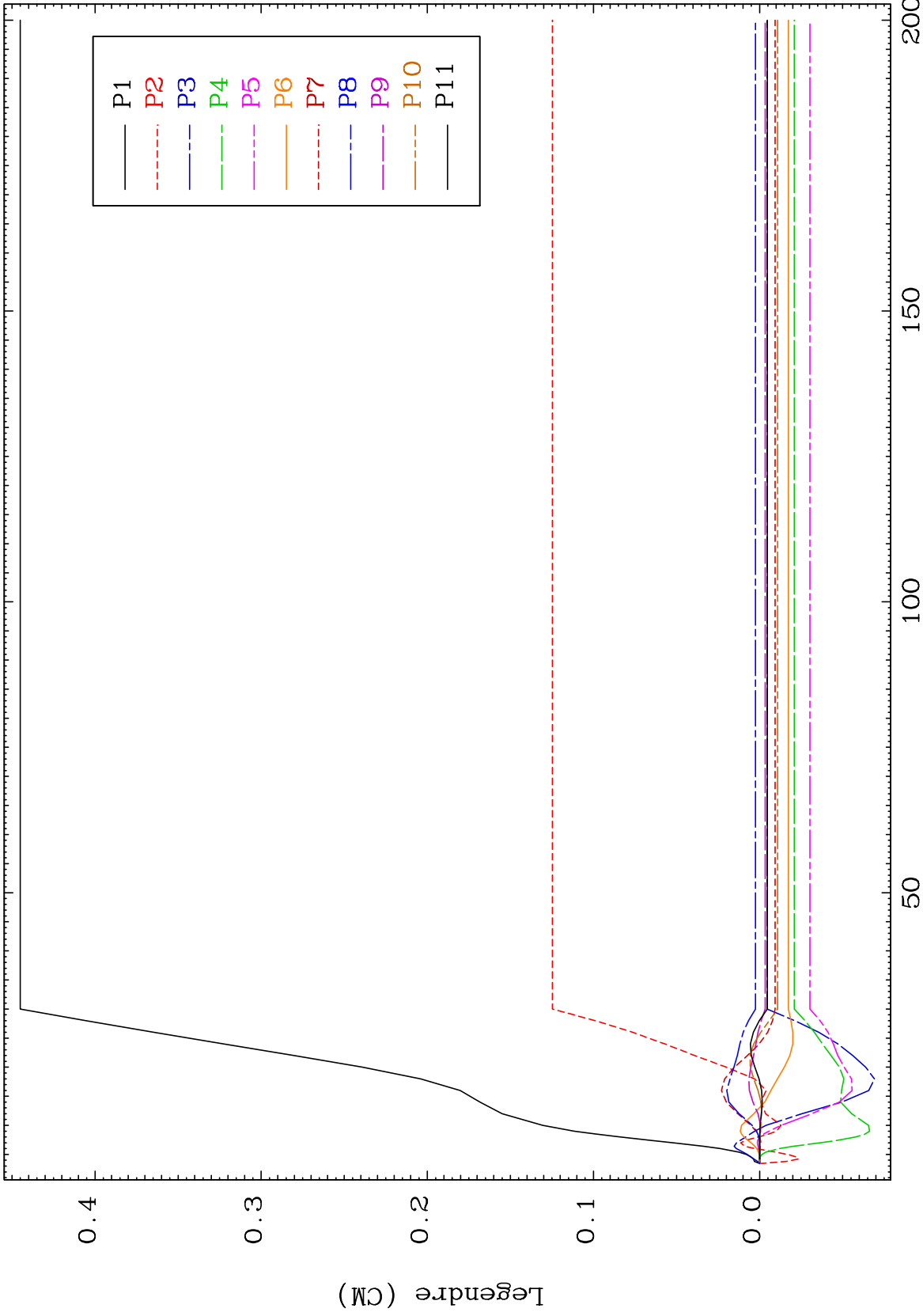
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



43

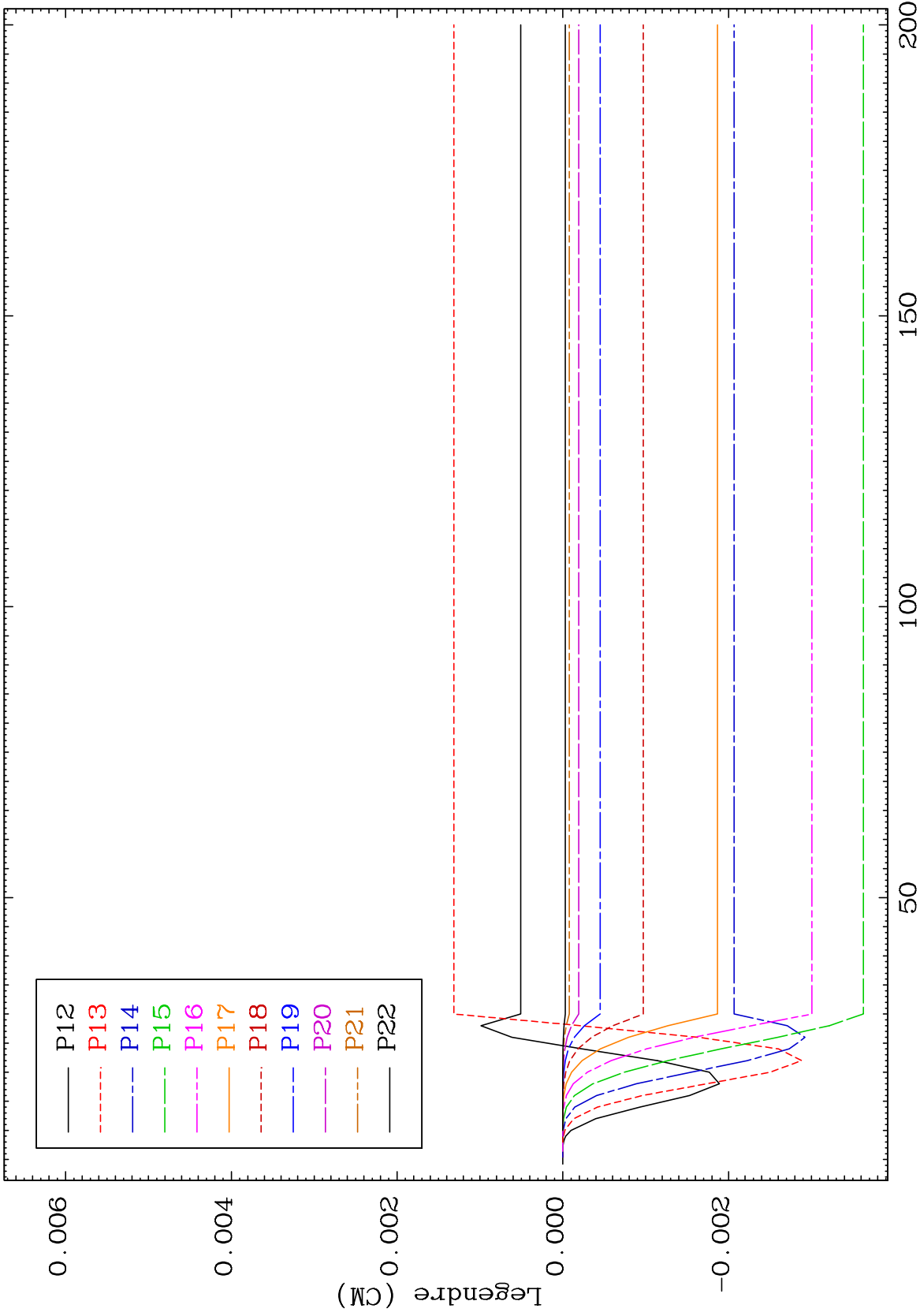
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



44

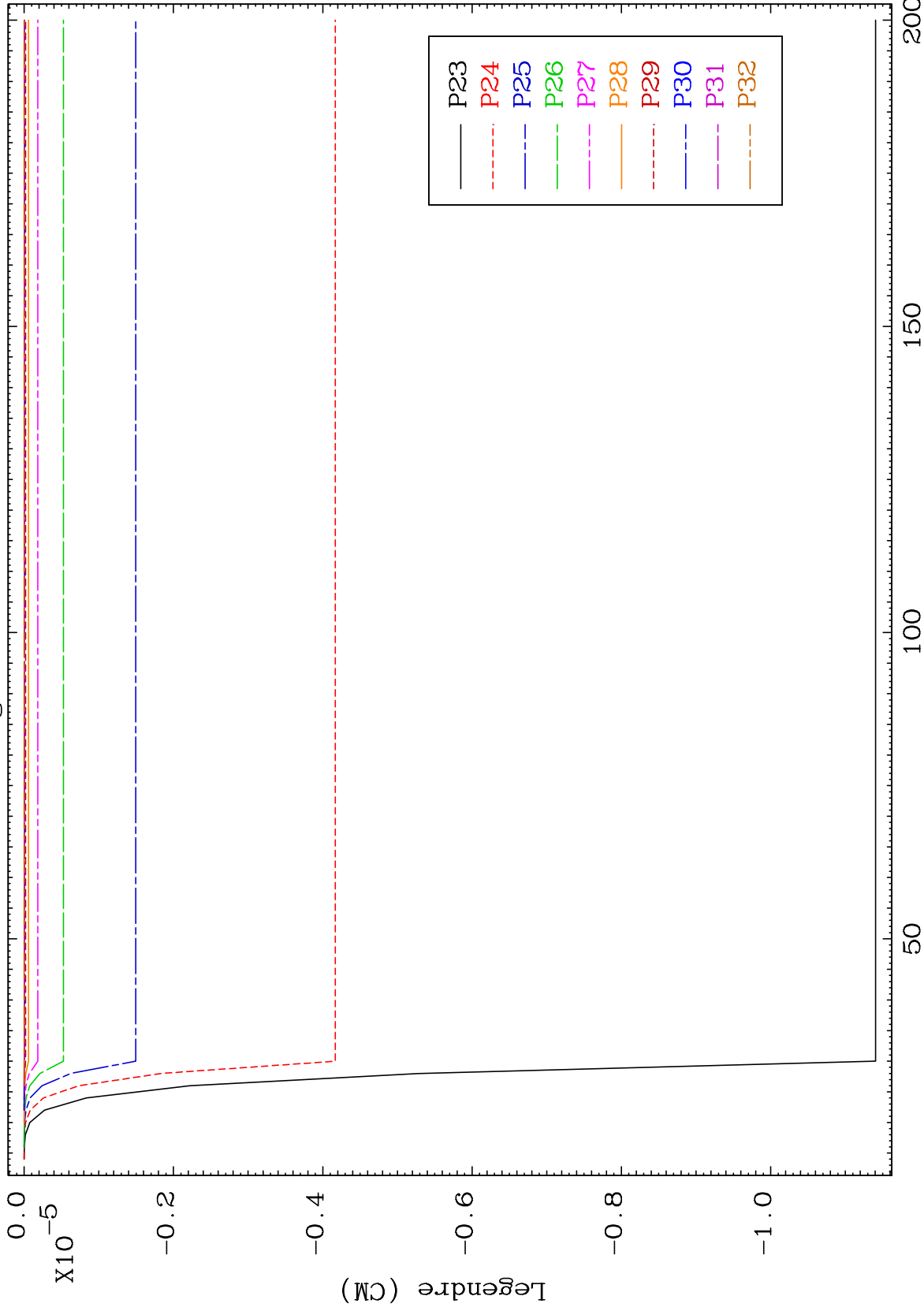
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



28-Ni-66

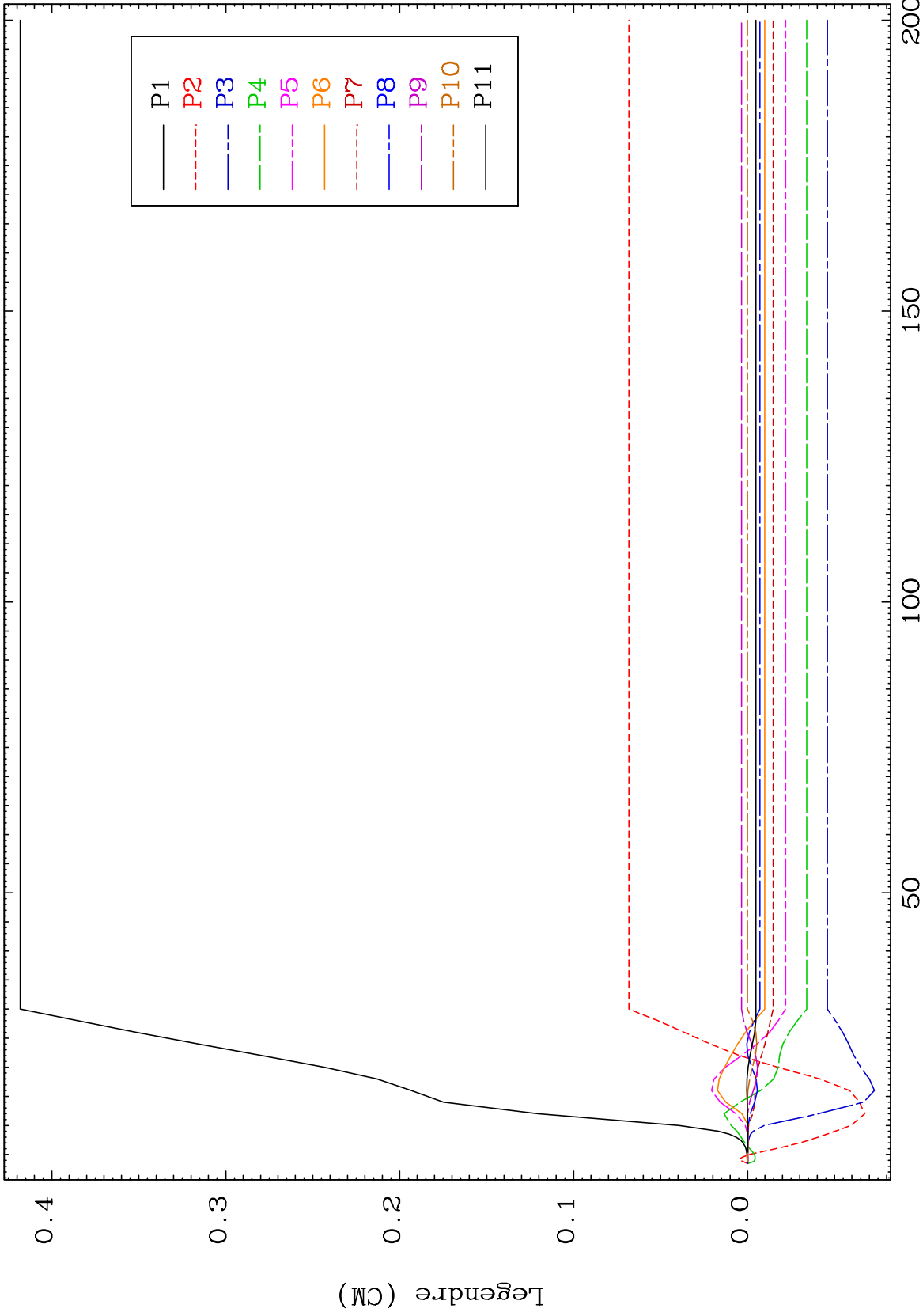
Incident Energy (MeV)

45

MAT 2849

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

28-Ni-66



46

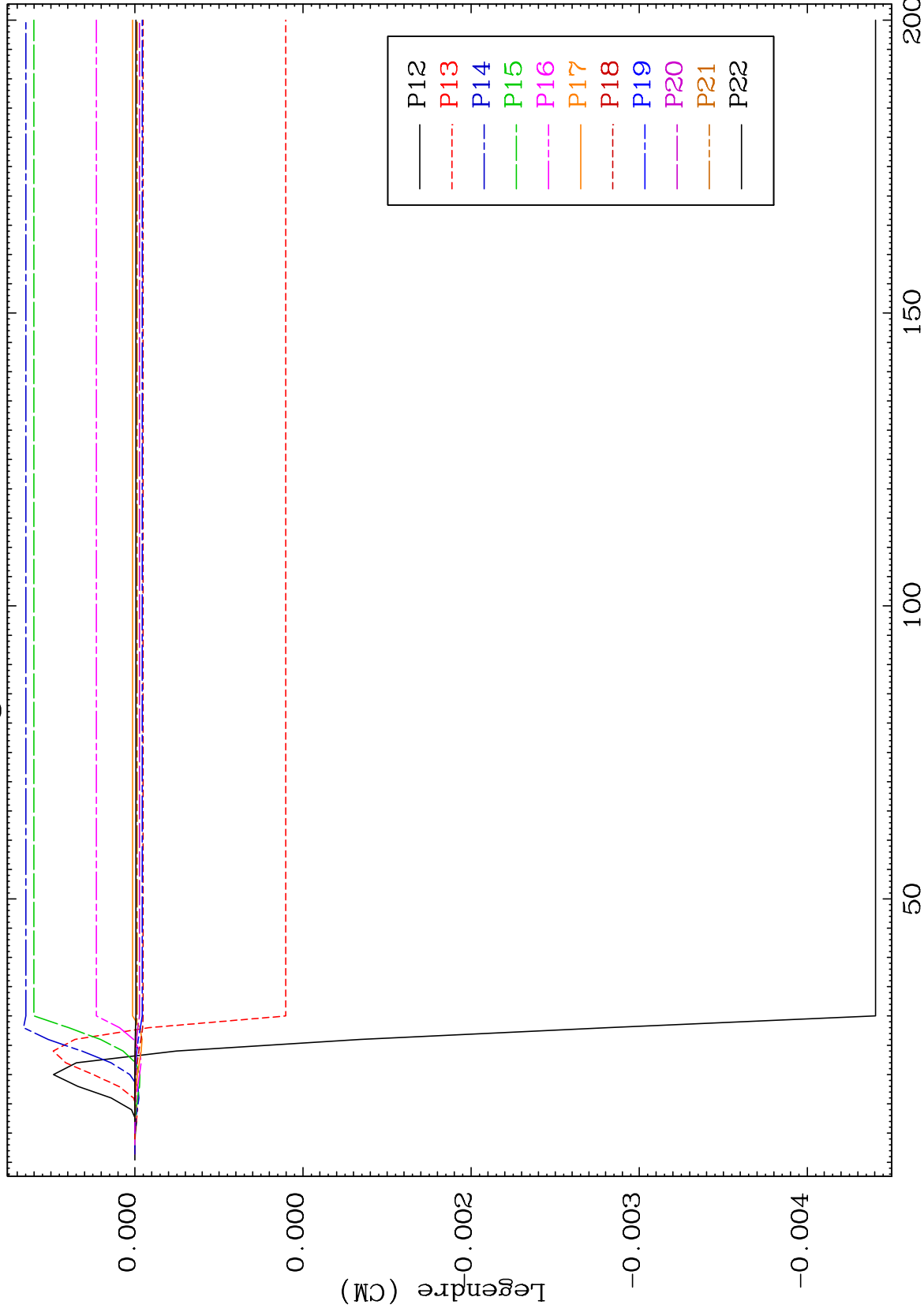
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



47

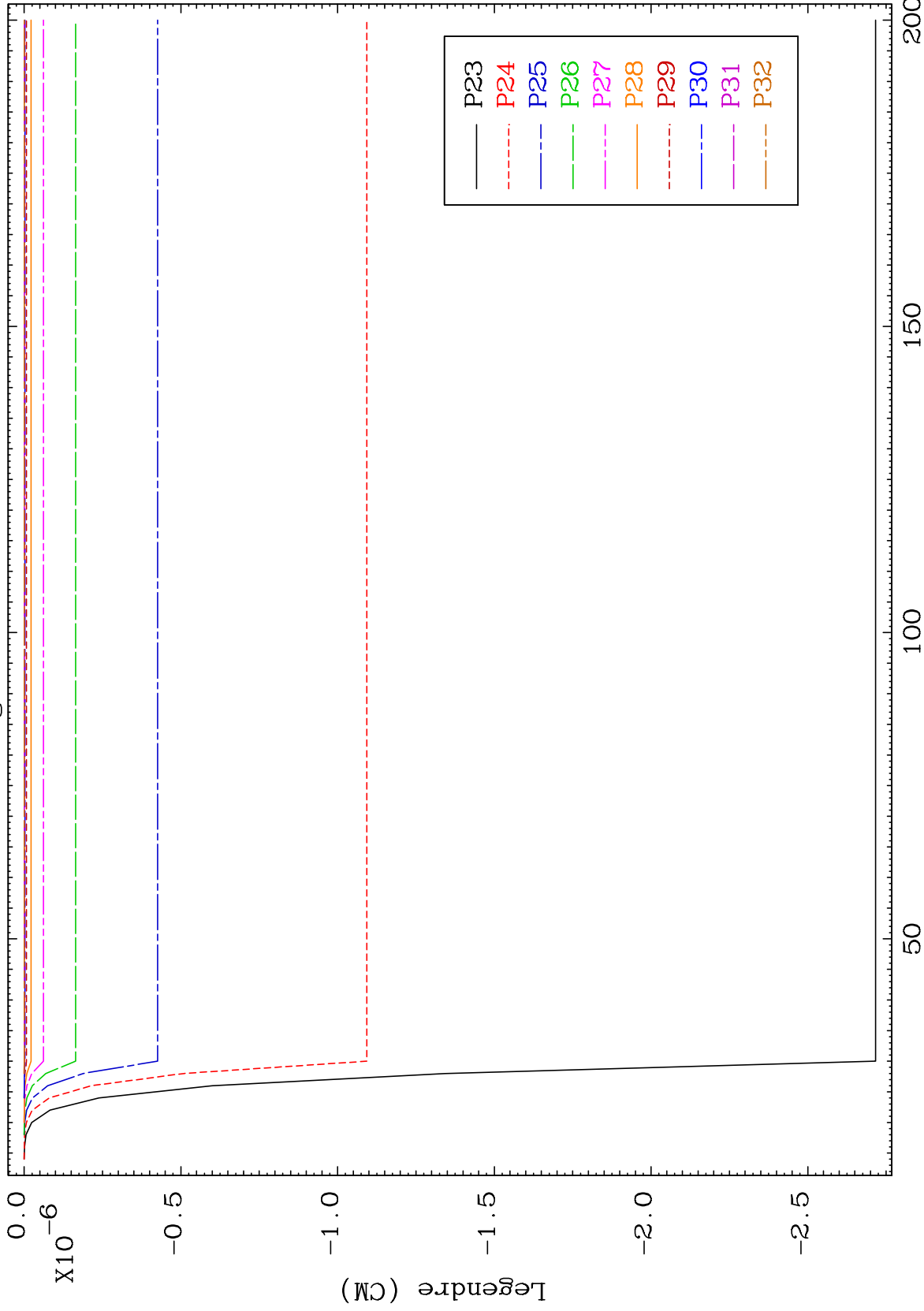
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



48

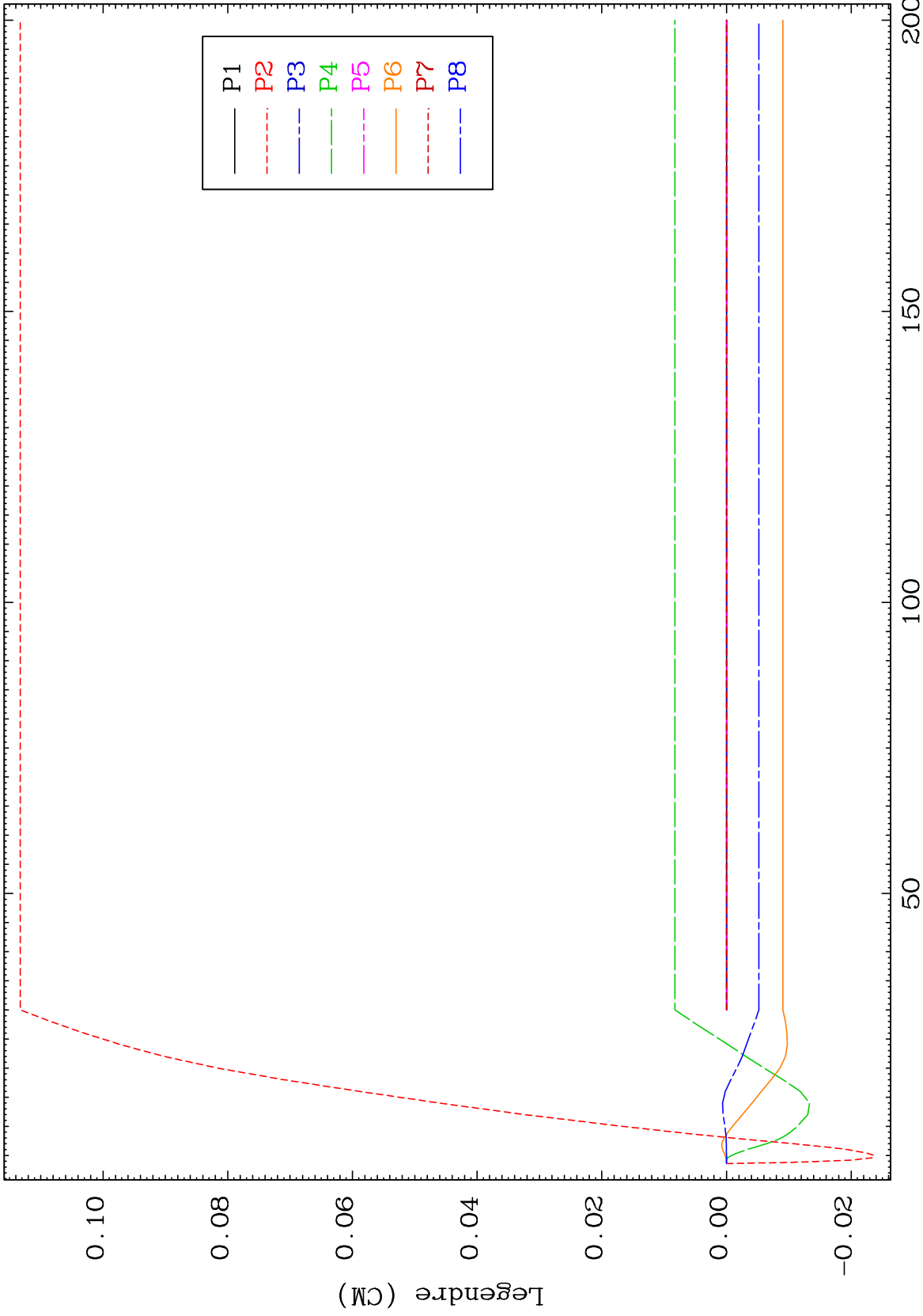
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



49

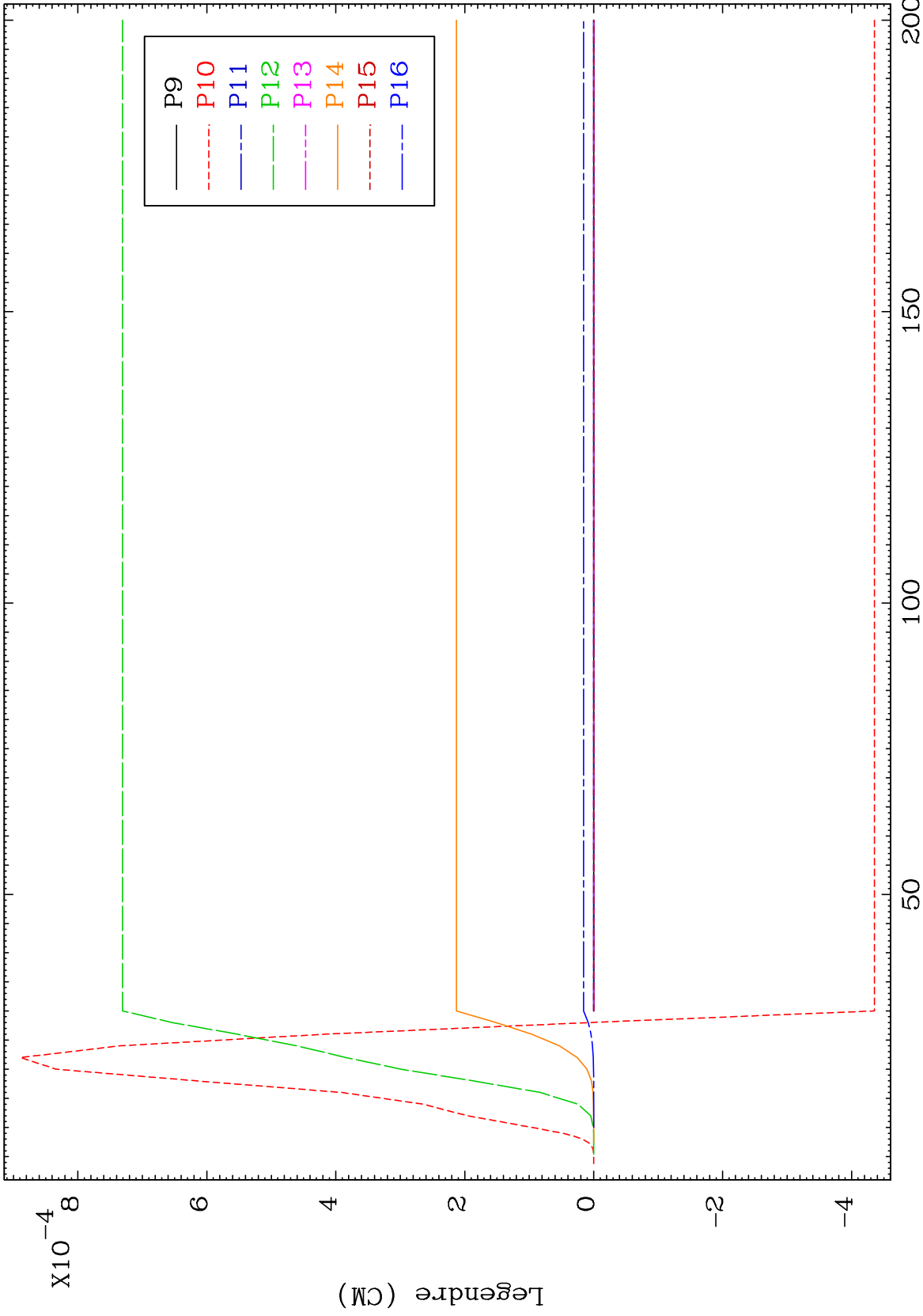
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



50

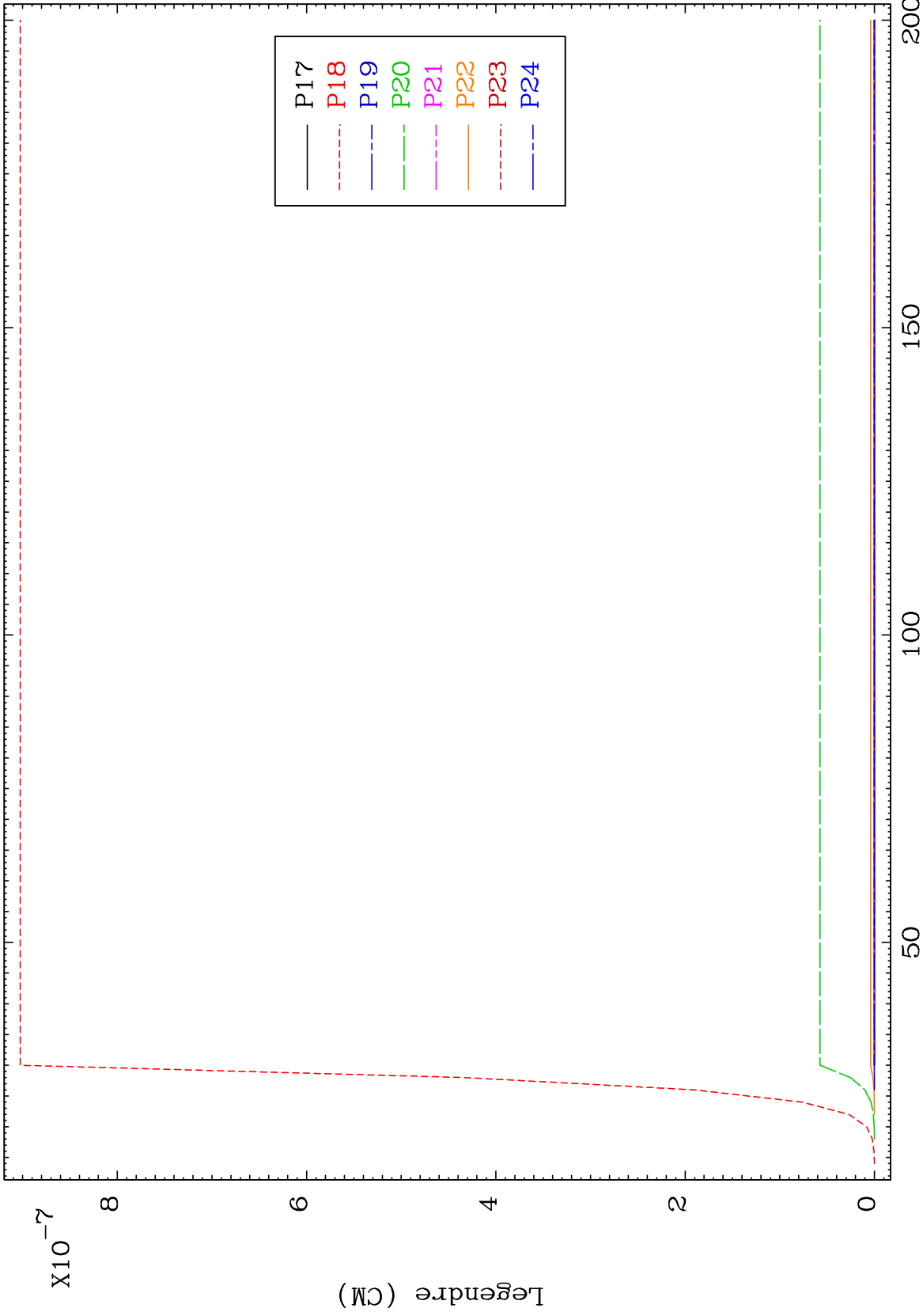
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



51

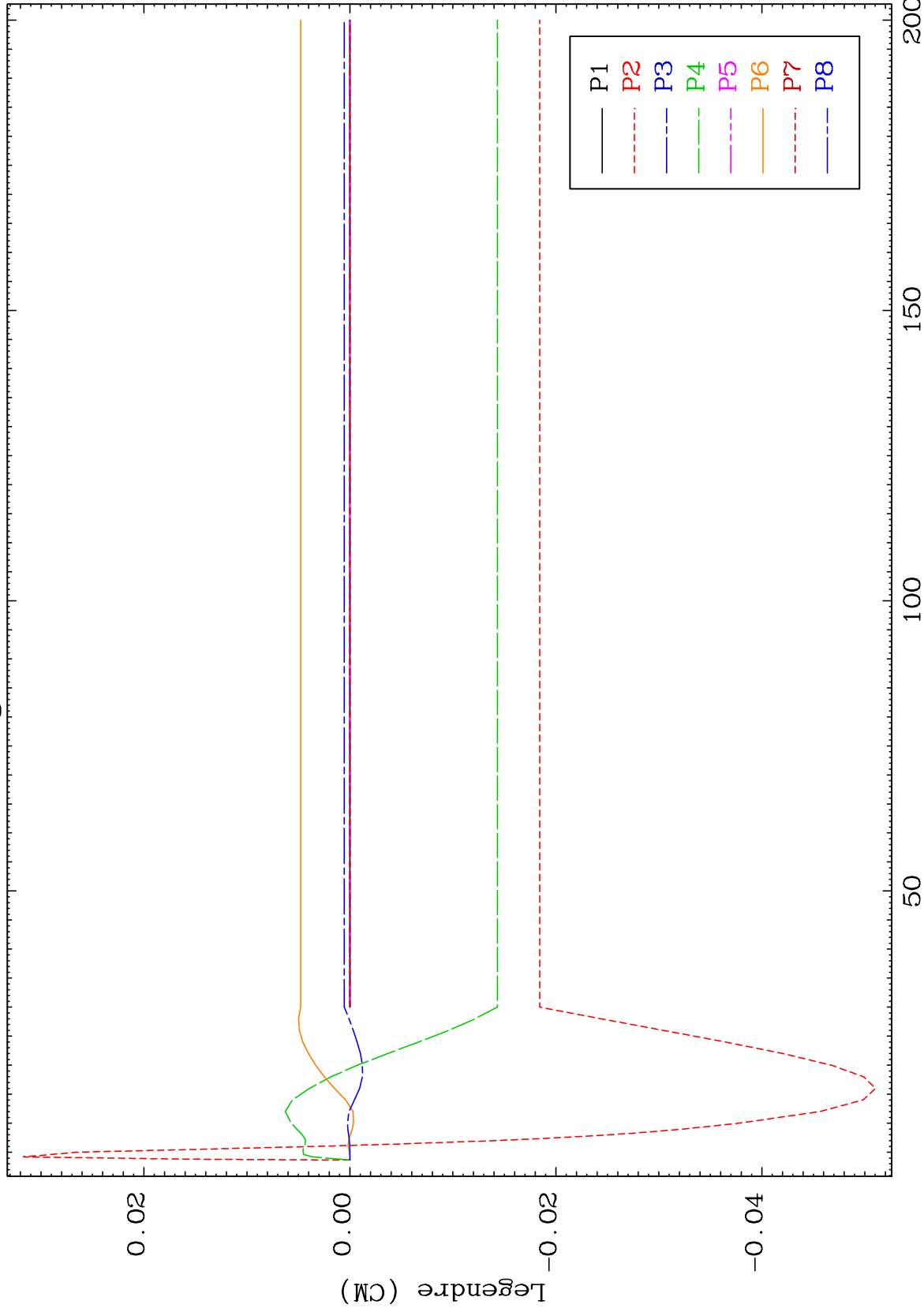
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



52

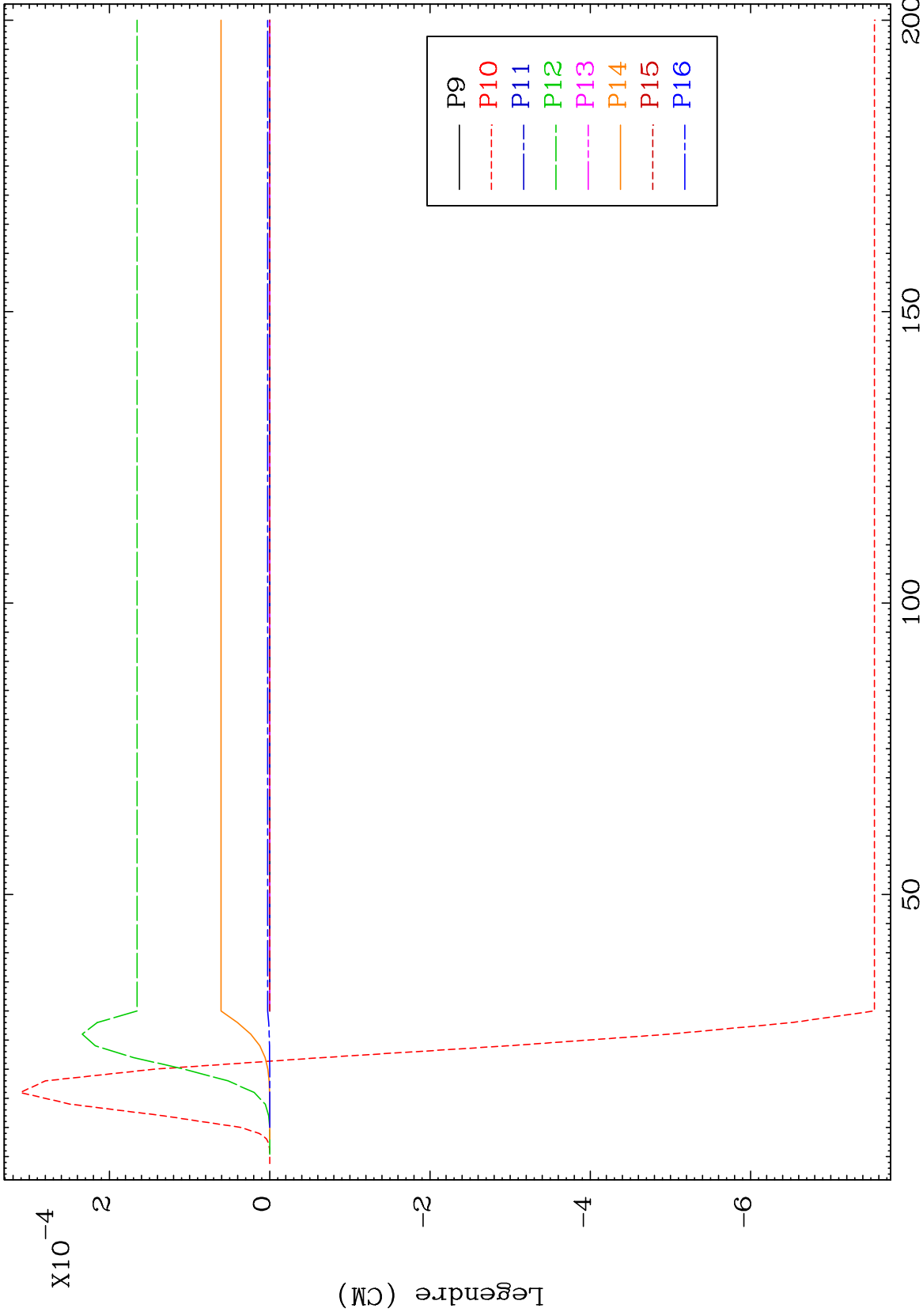
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

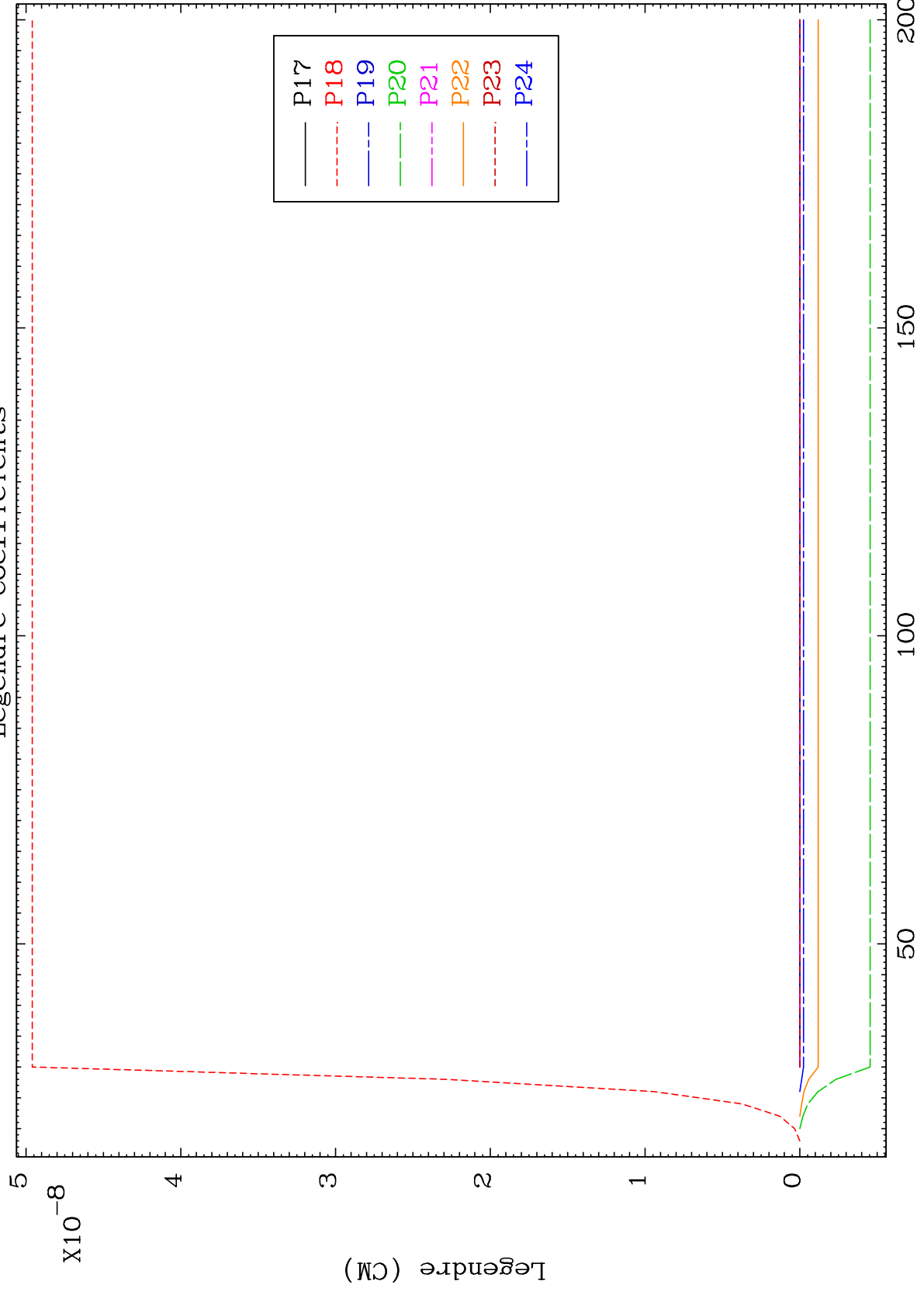
28-Ni-66



53

28-Ni-66

MAT 2849 MT= 62 (n,n') Level Legendre Coefficients 28-Ni-66

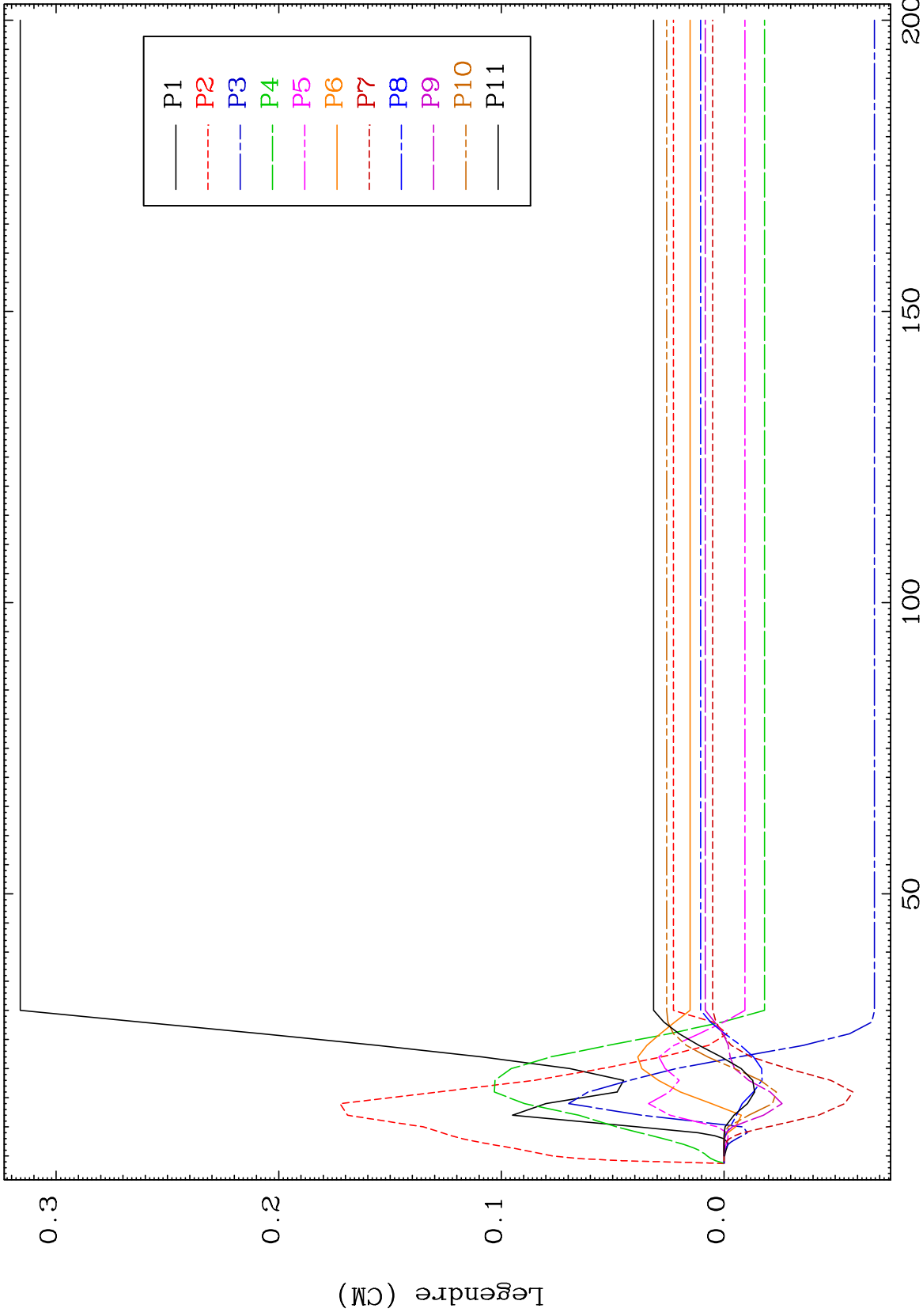


54 28-Ni-66

MAT 2849

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

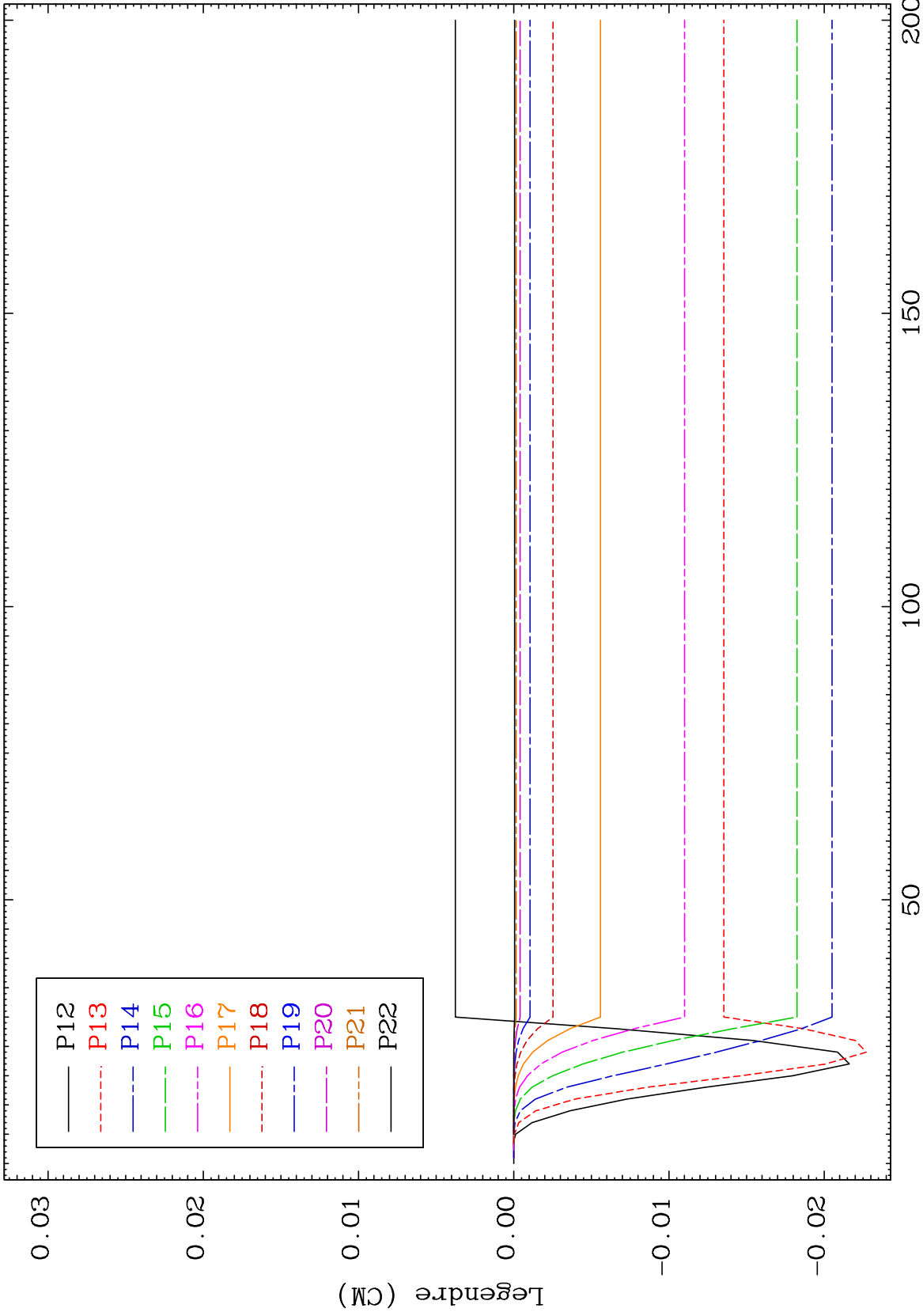
28-Ni-66



55

Incident Energy (MeV)

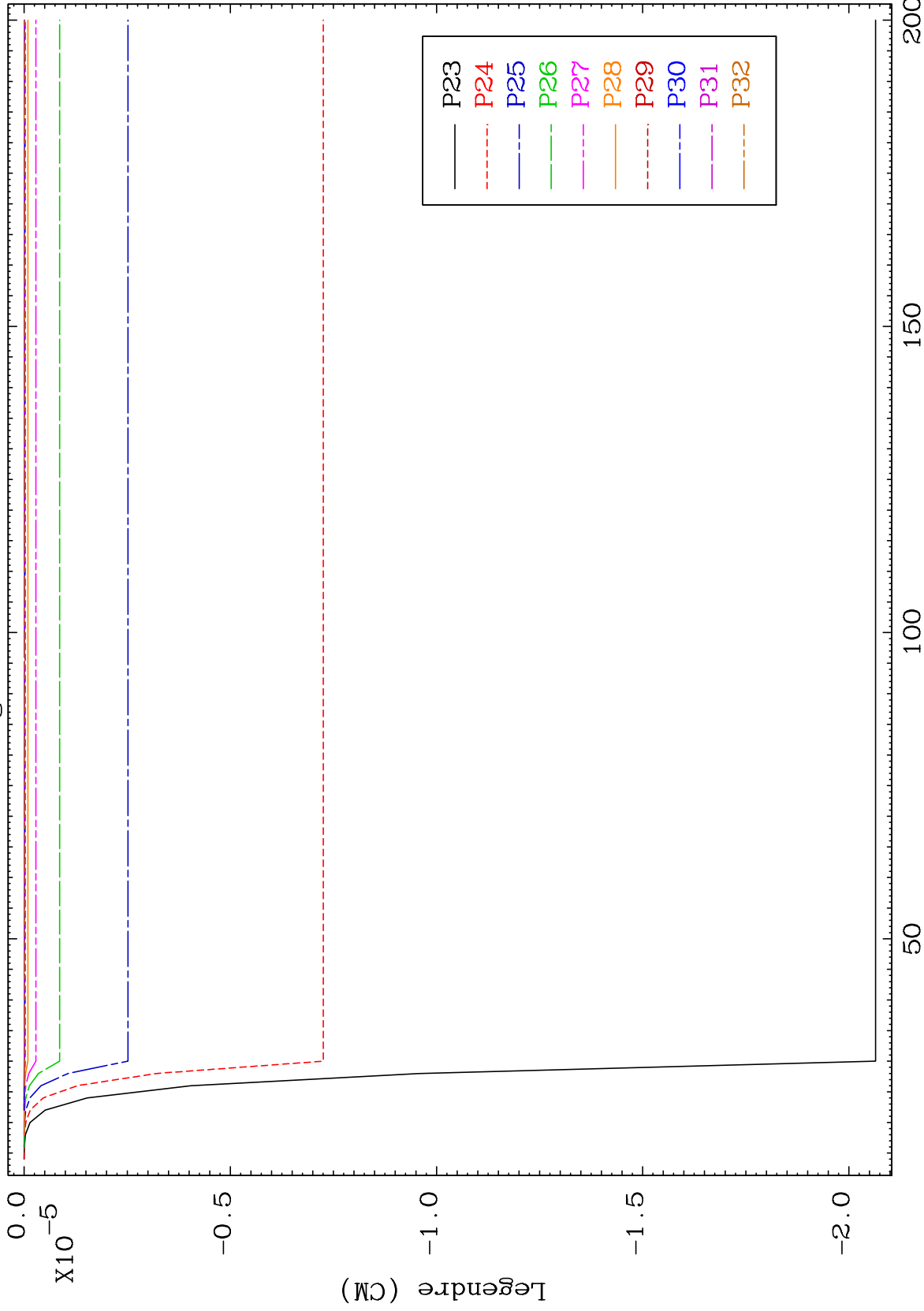
28-Ni-66



MAT 2849

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

28-Ni-66



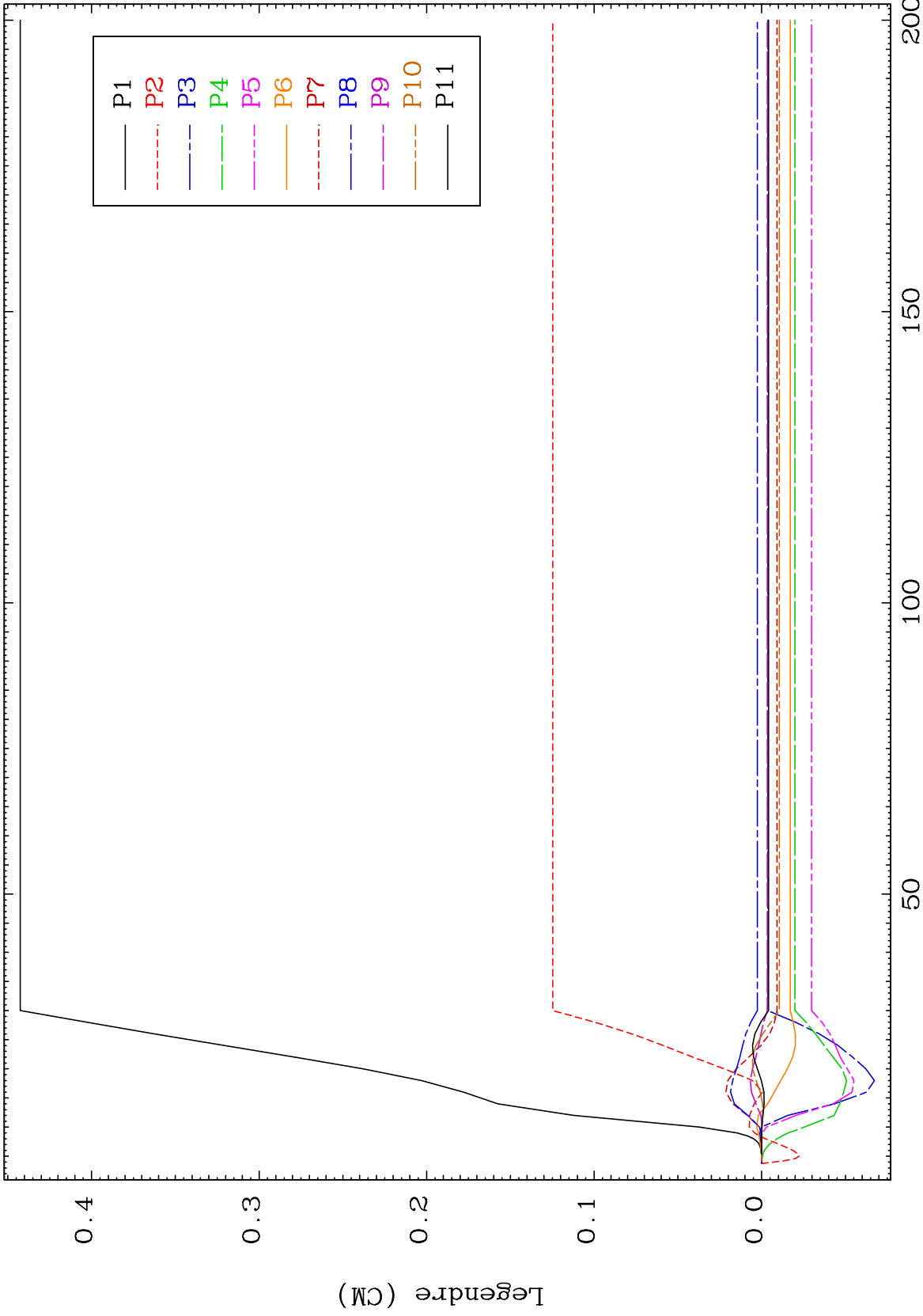
57

28-Ni-66

MAT 2849

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

28-Ni-66



58

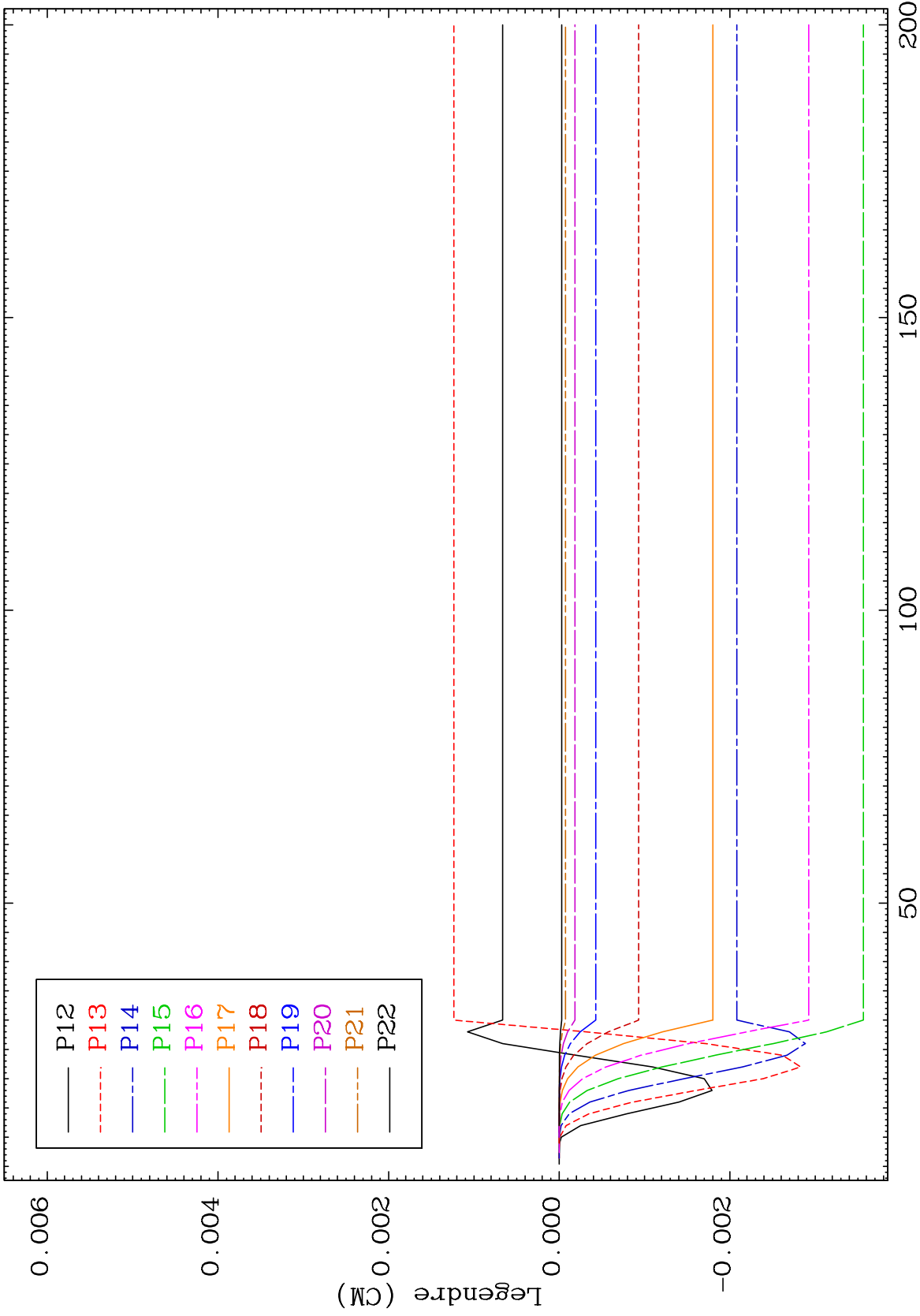
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



59

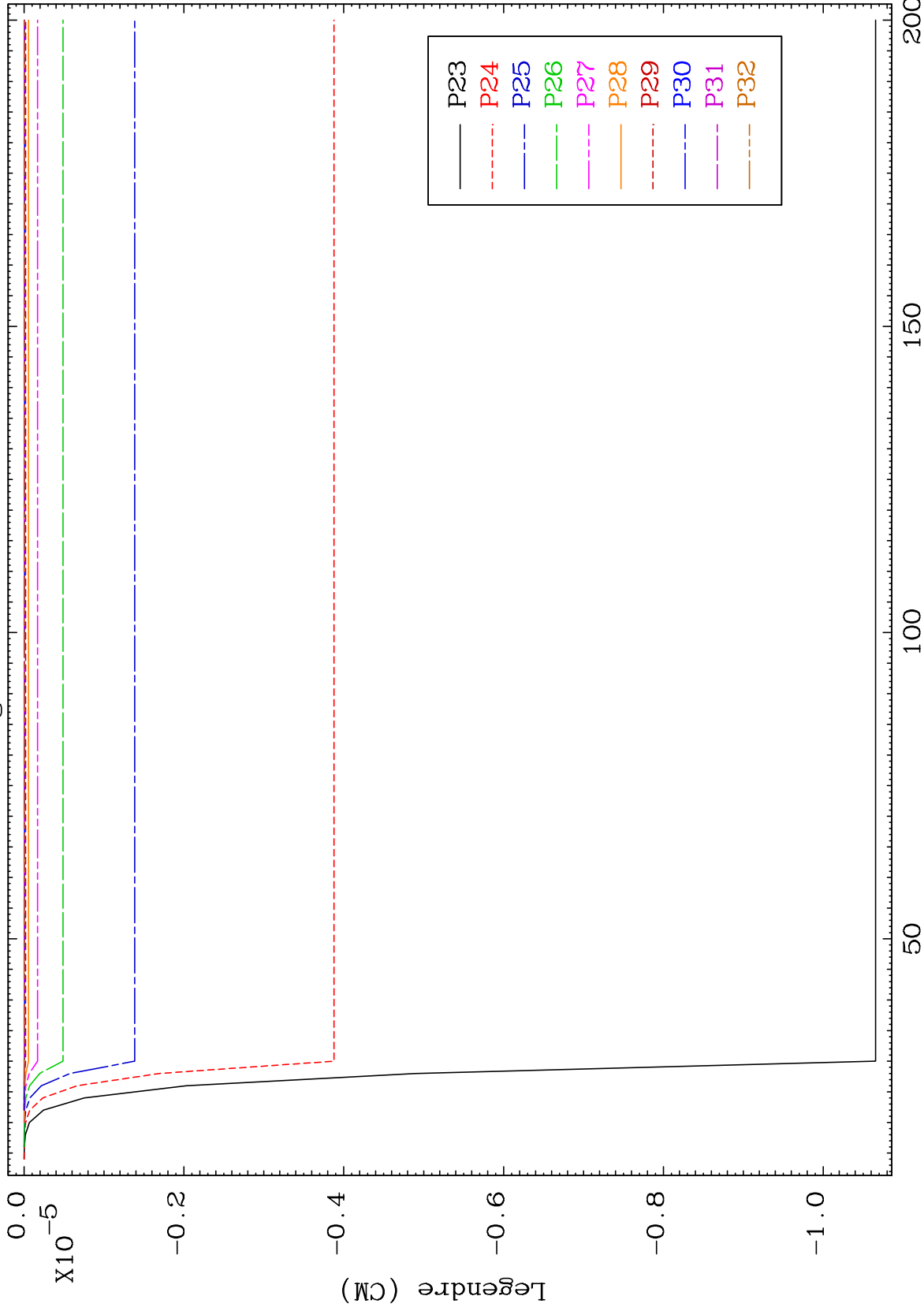
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

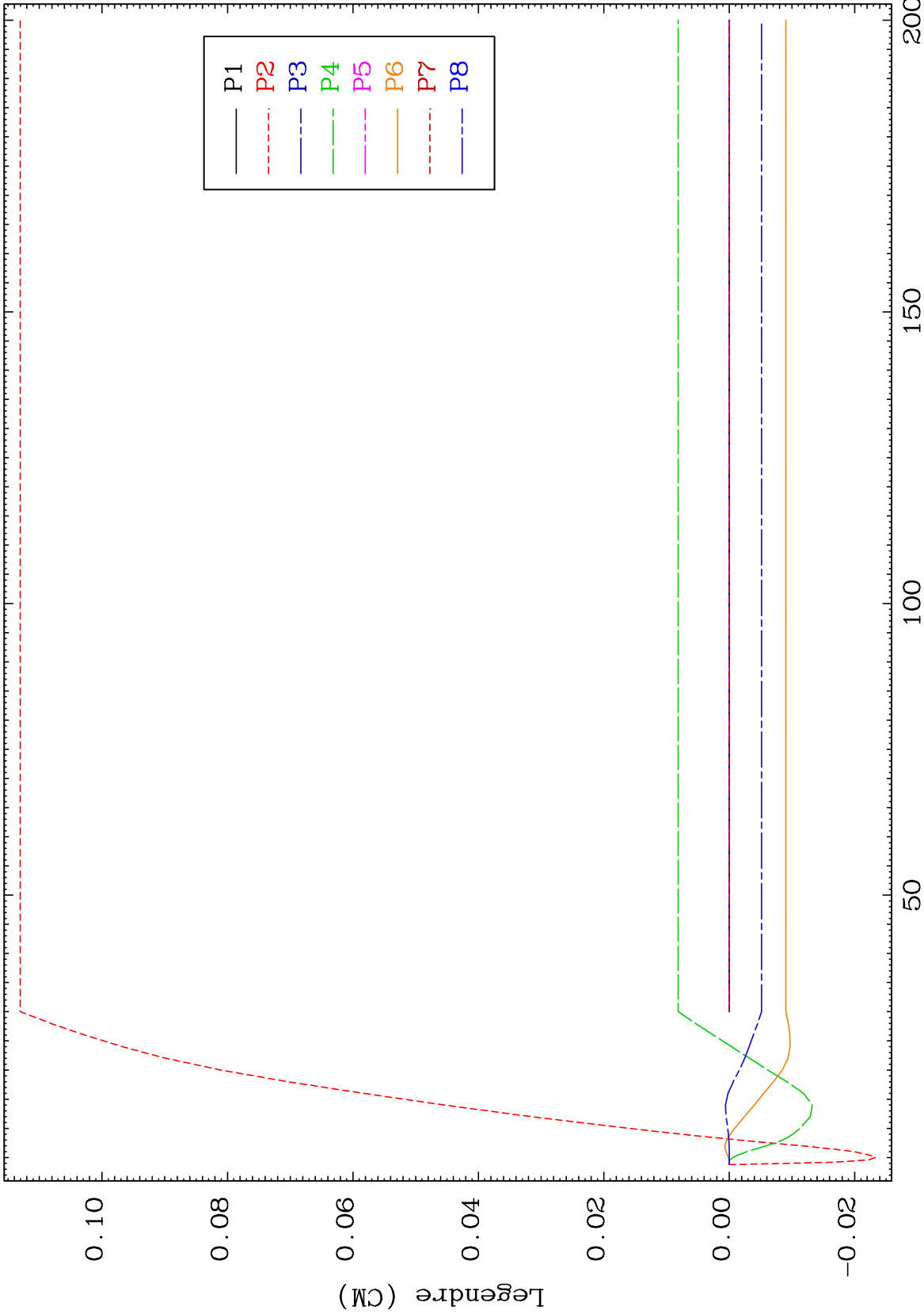
28-Ni-66



MAT 2849

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

28-Ni-66



61

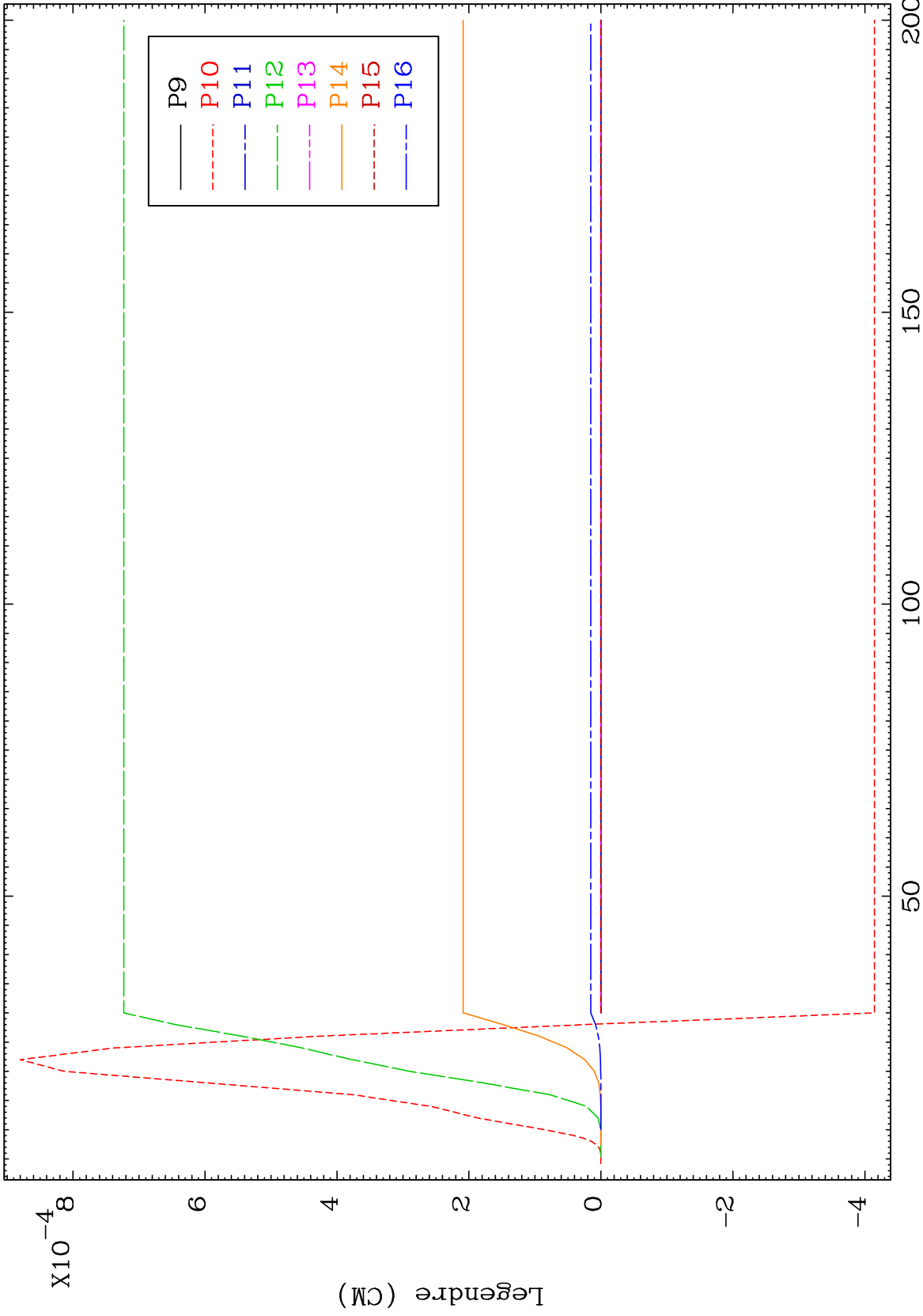
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66

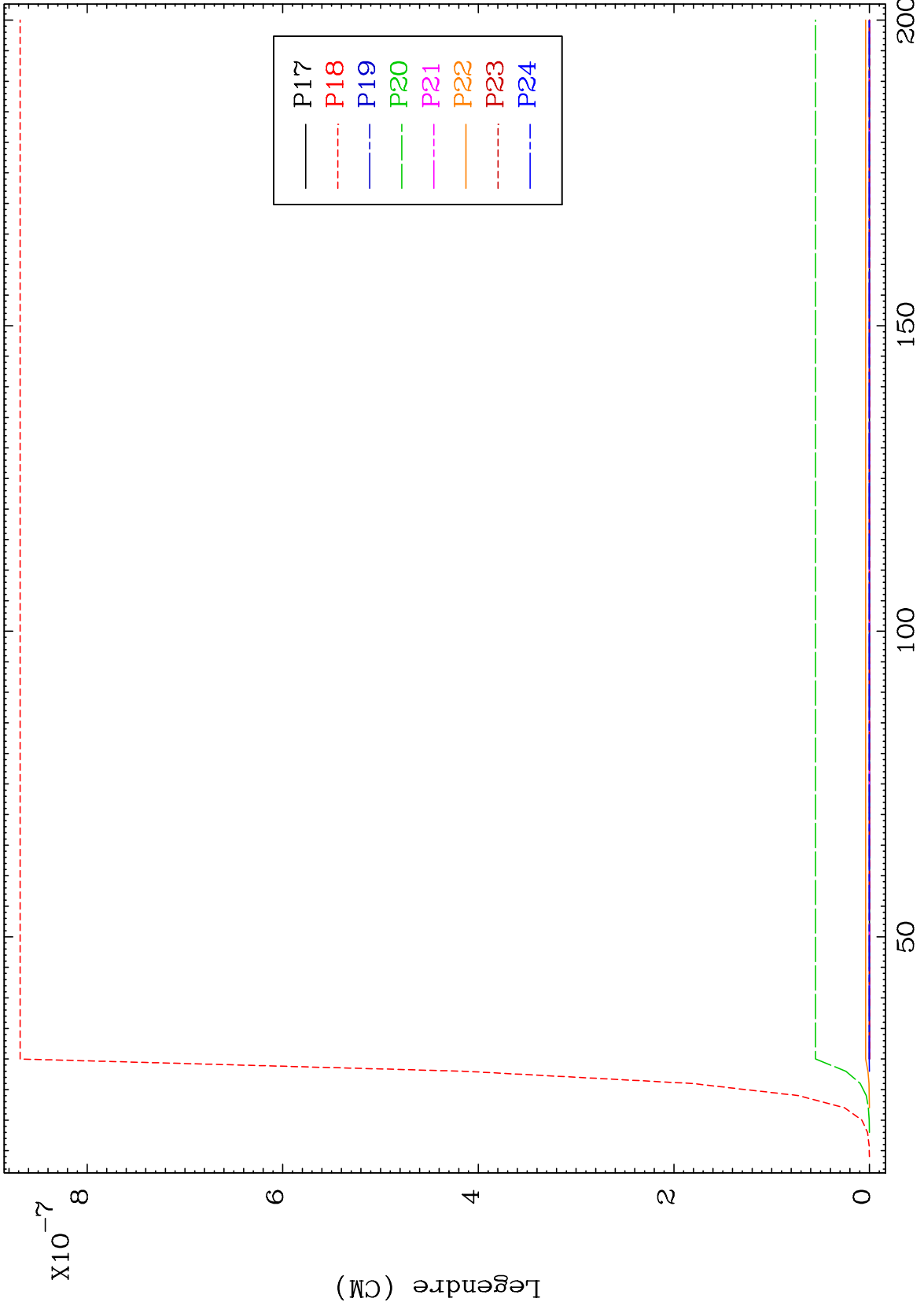


62

Incident Energy (MeV)

28-Ni-66

MAT 2849 MT= 65 (n,n') Level Legendre Coefficients 28-Ni-66

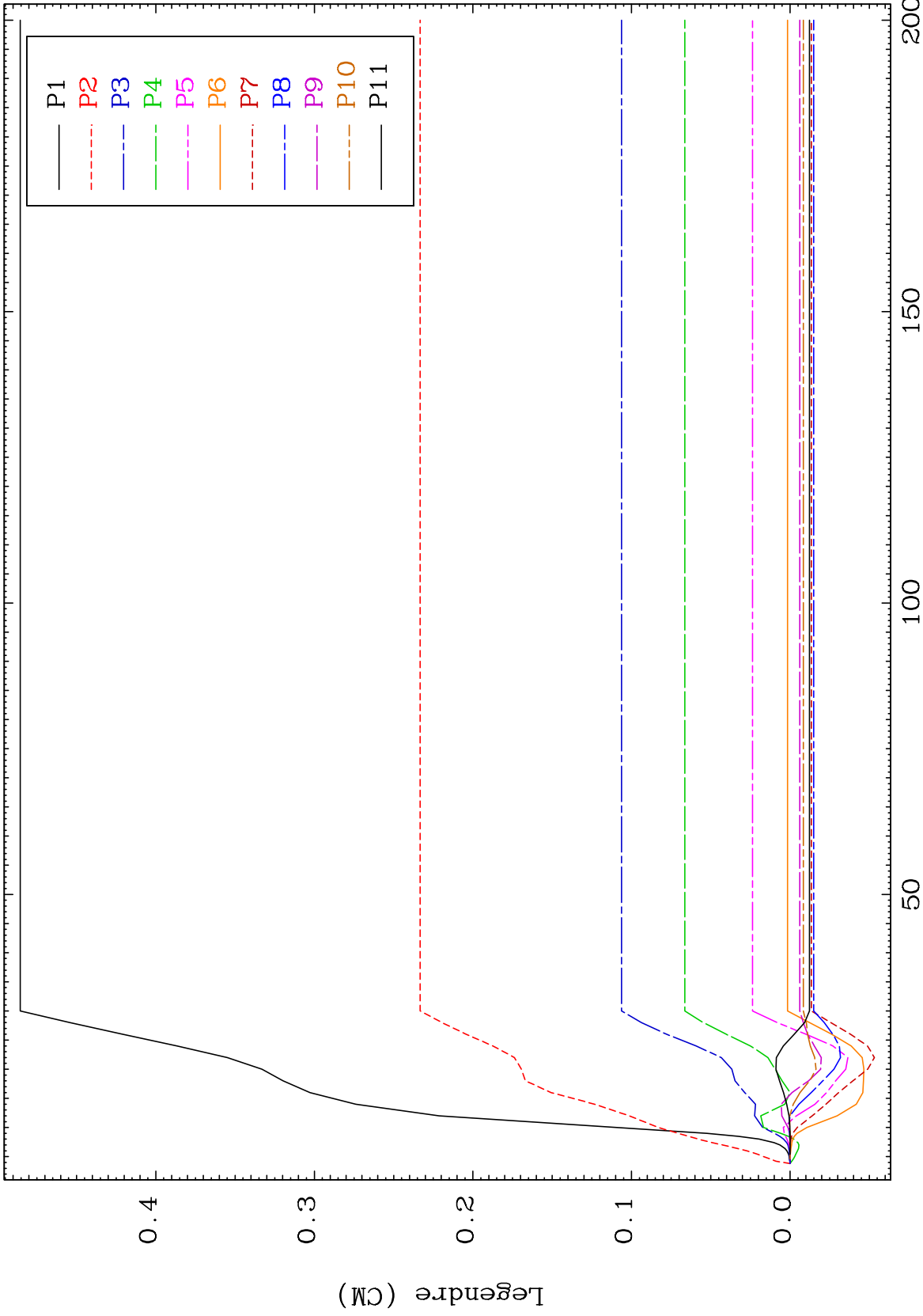


63 200 28-Ni-66

MAT 2849

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

28-Ni-66



64

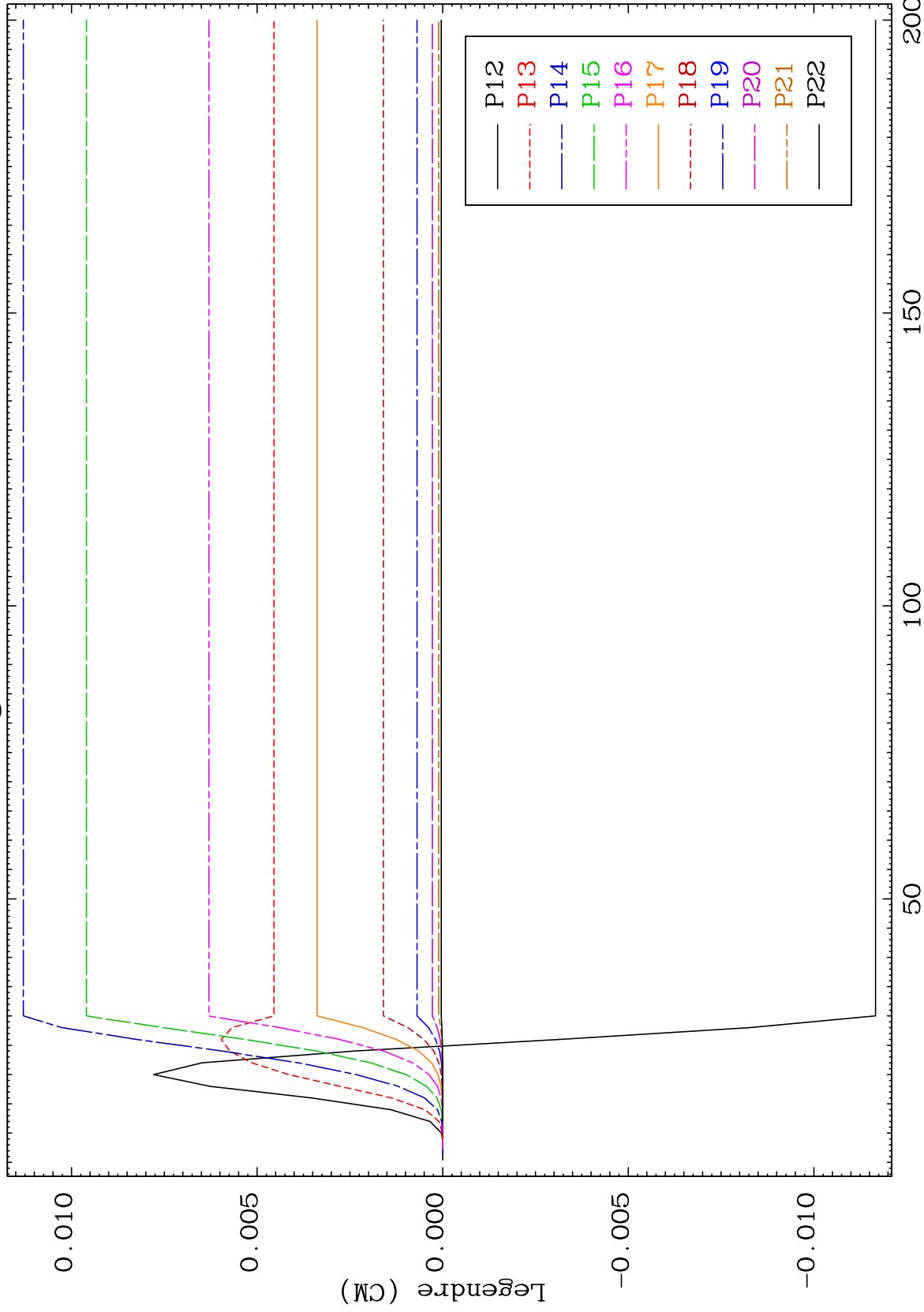
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



65

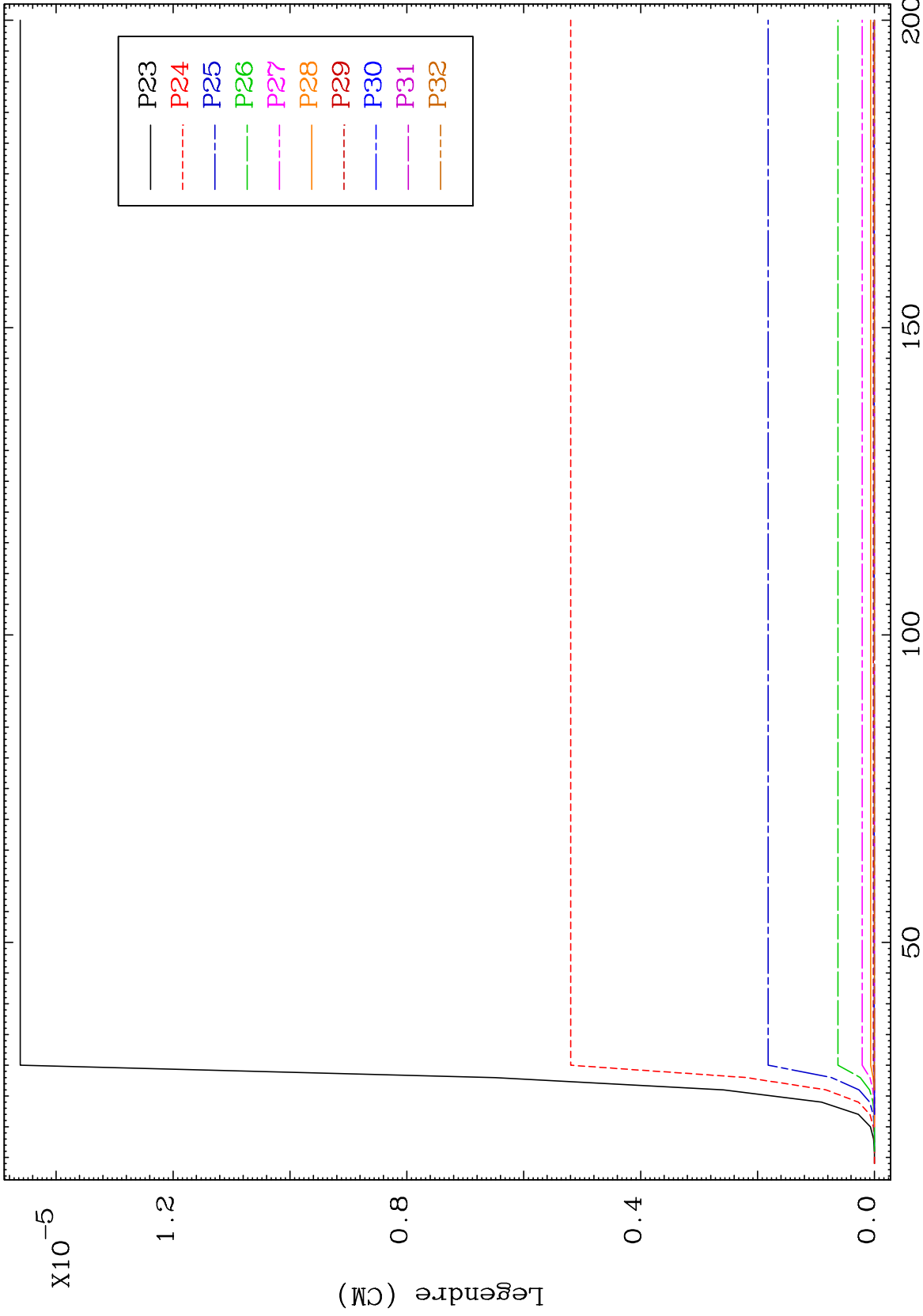
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



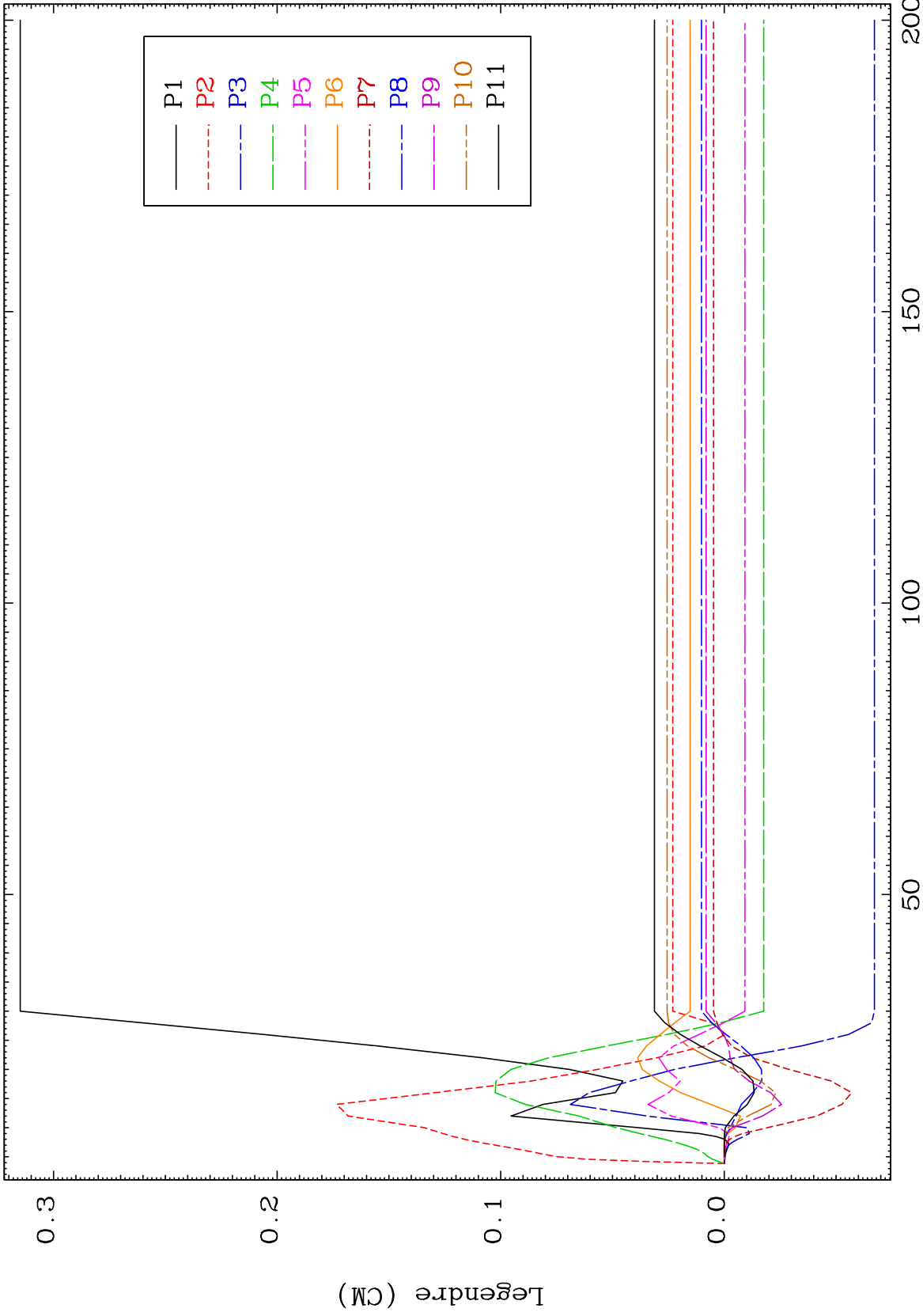
66

28-Ni-66

MAT 2849

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

28-Ni-66



67

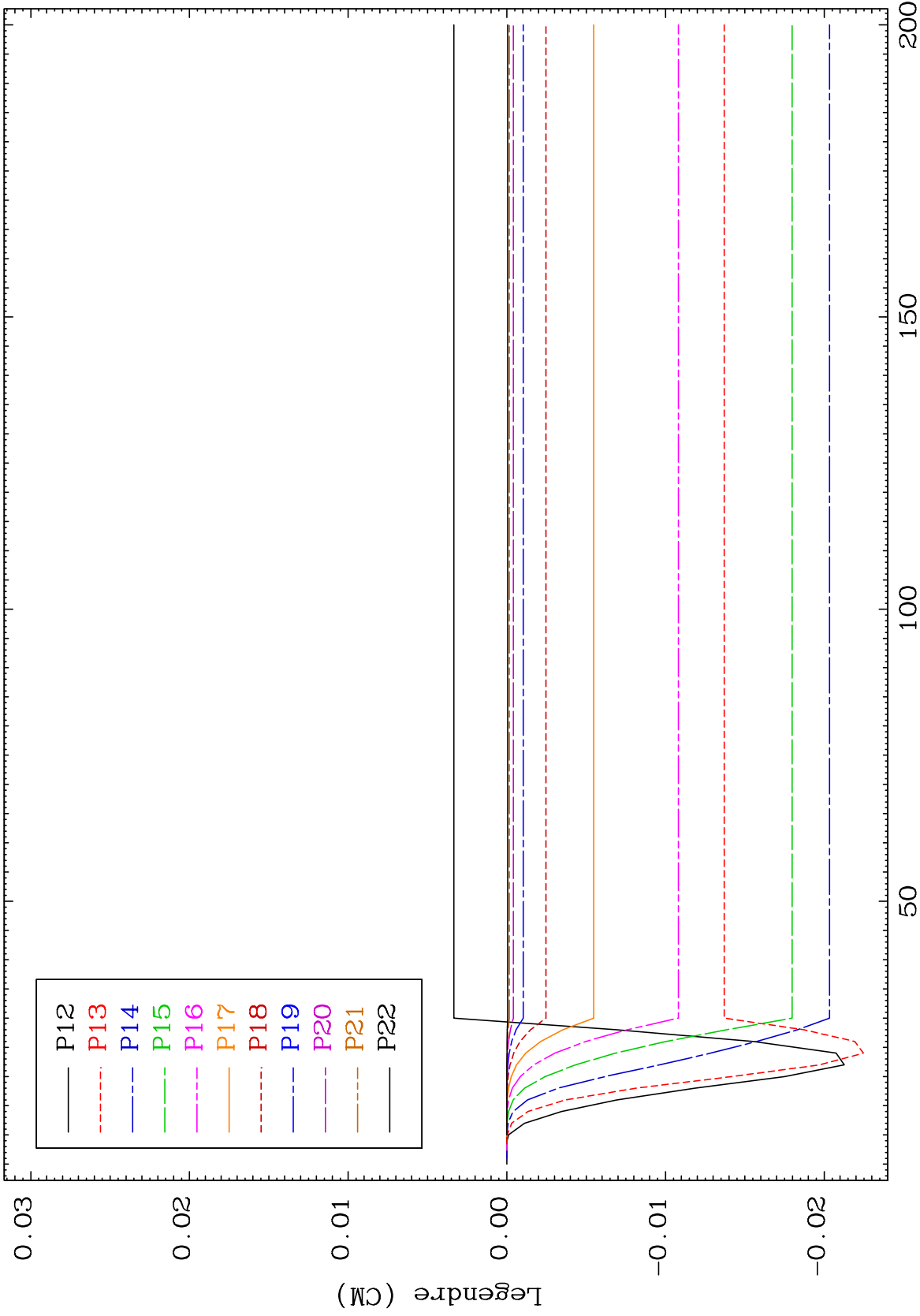
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



68

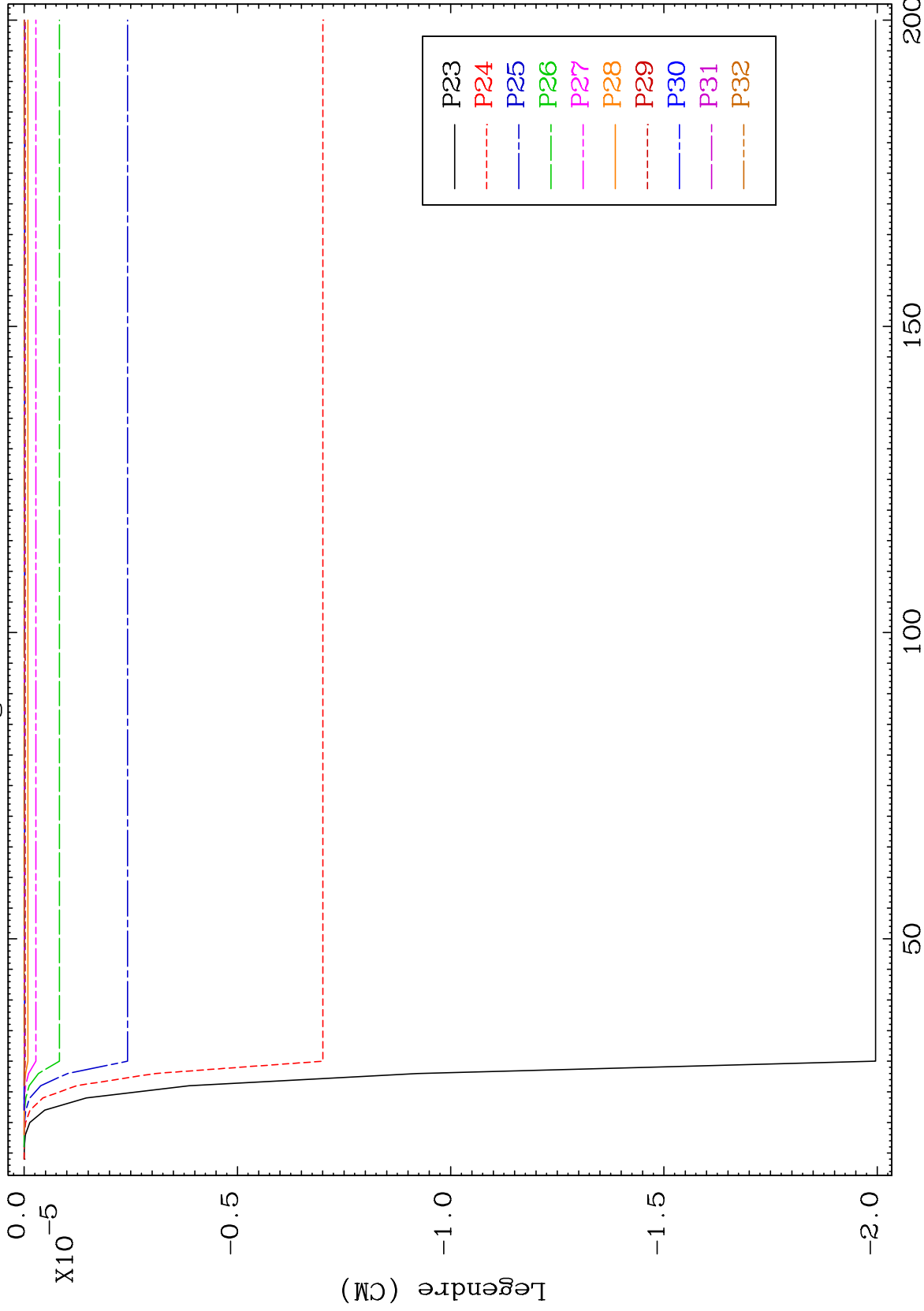
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



69

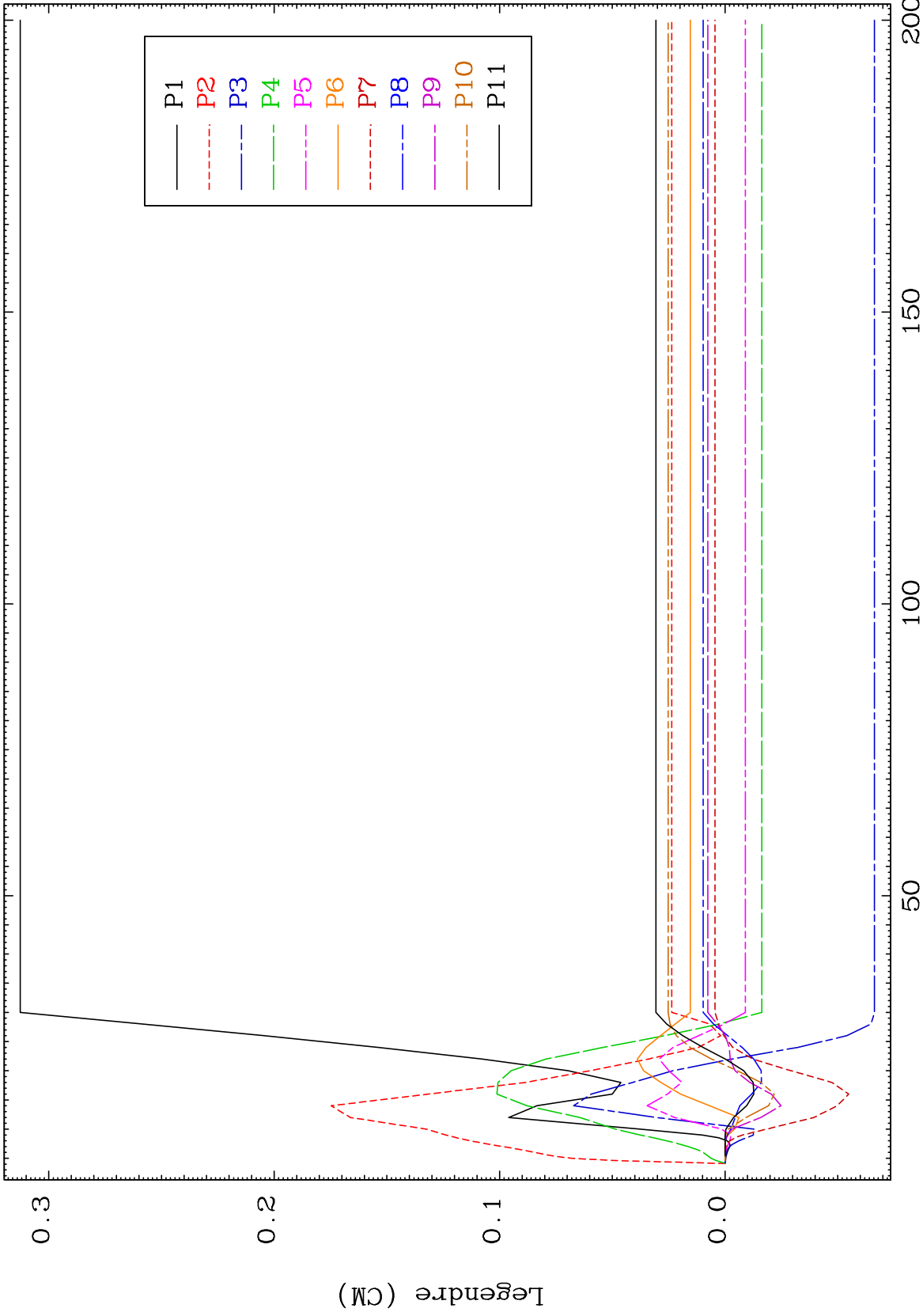
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



70

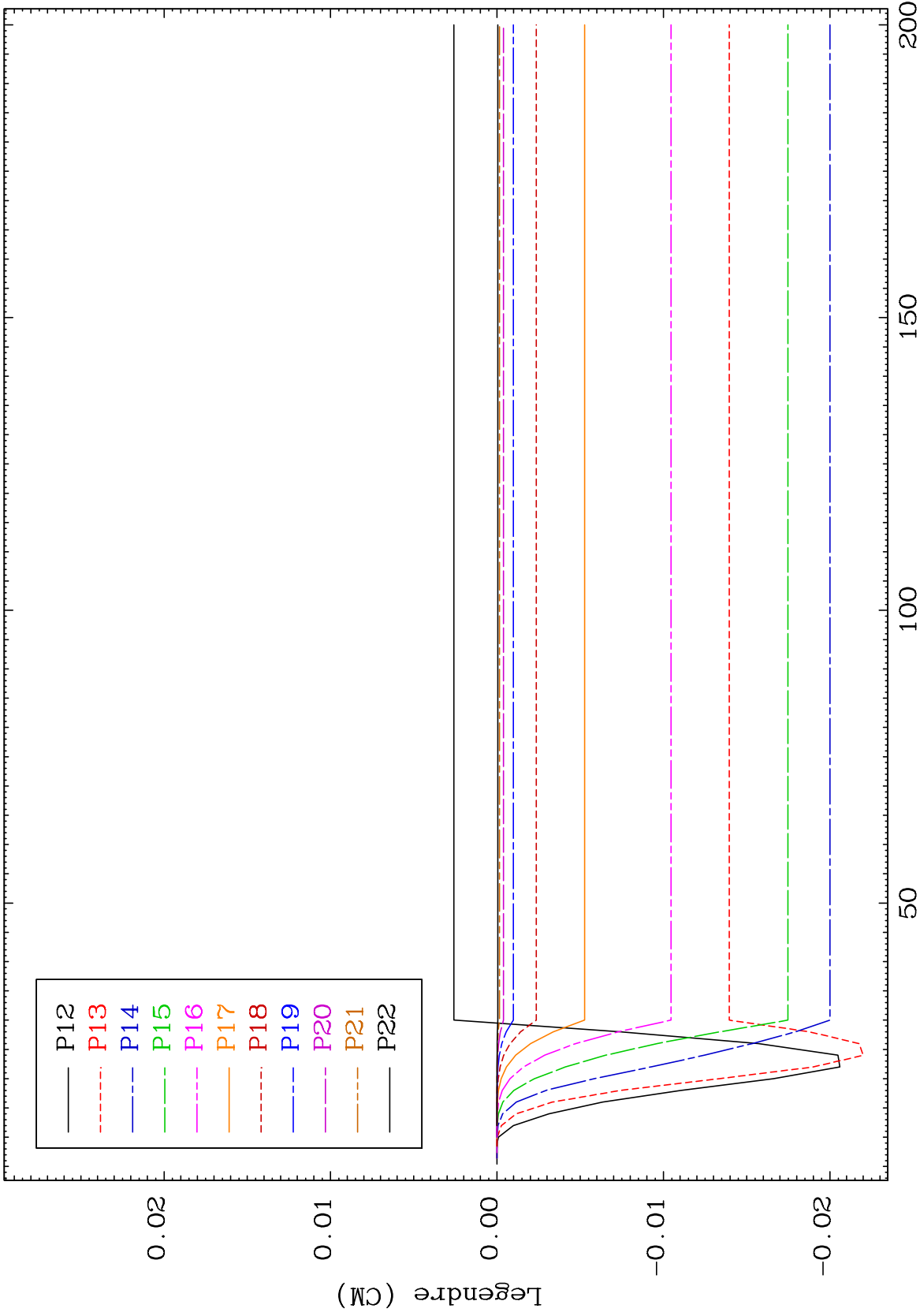
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



71

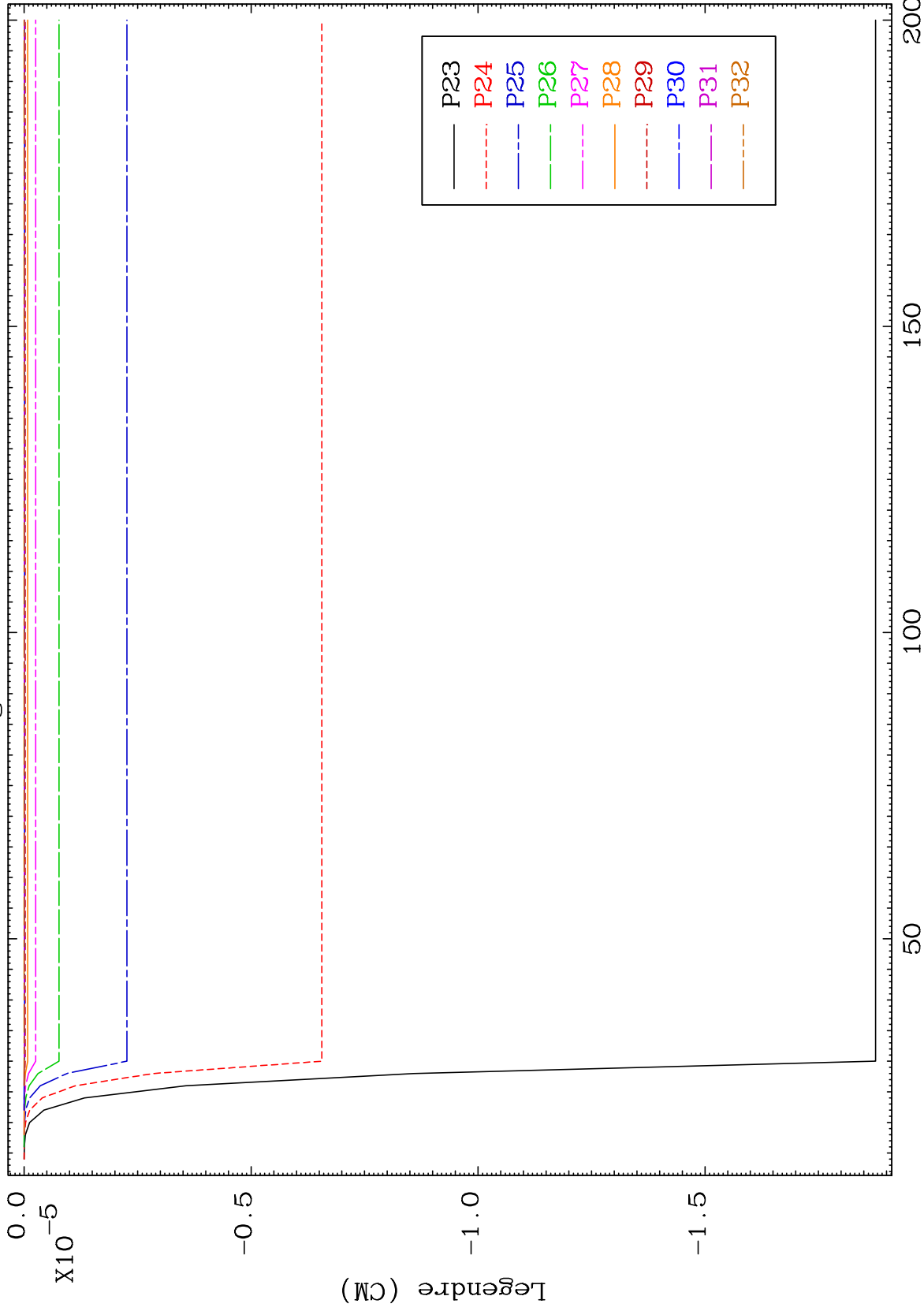
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



28-Ni-66

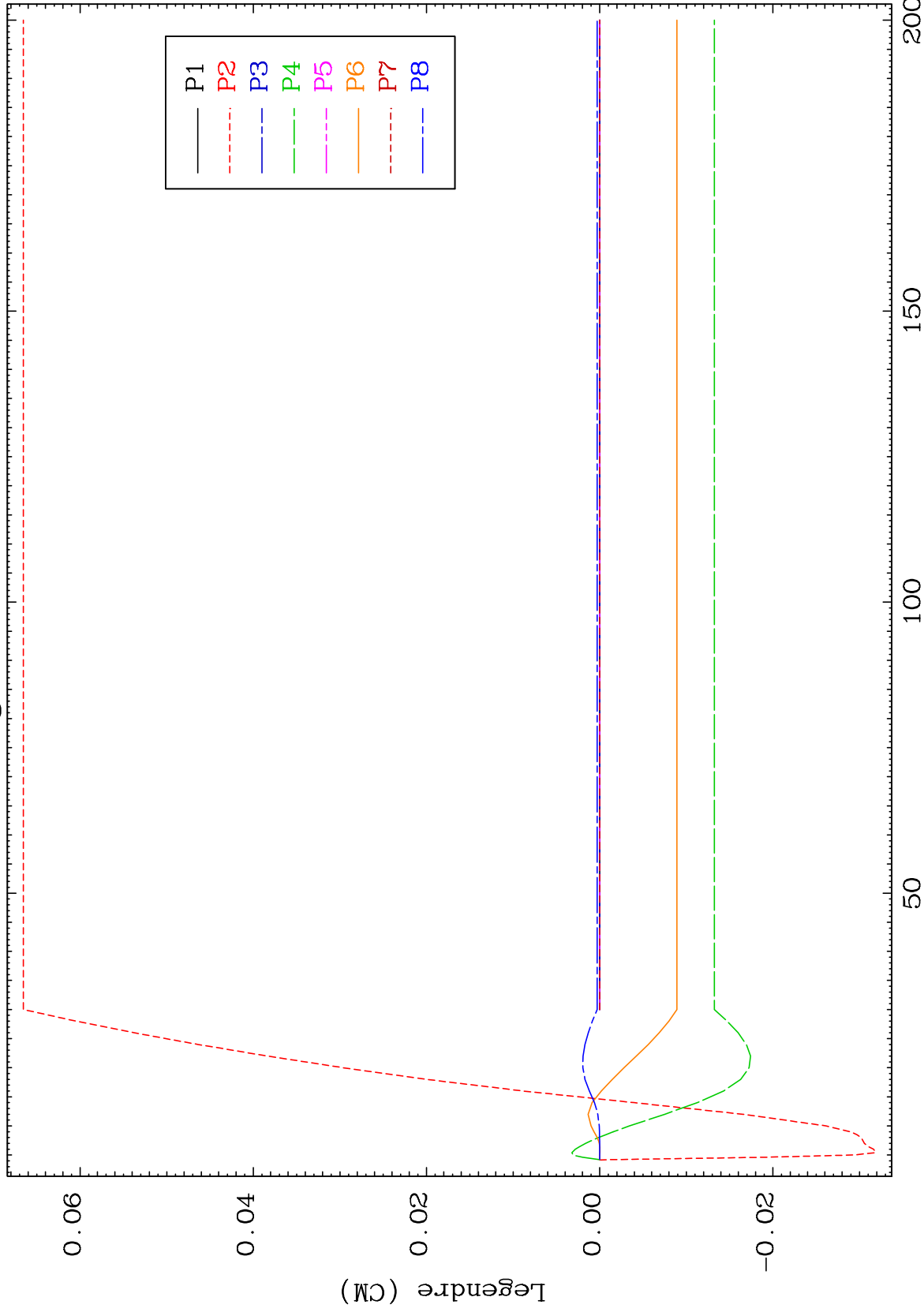
Incident Energy (MeV)

72

MAT 2849

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

28-Ni-66

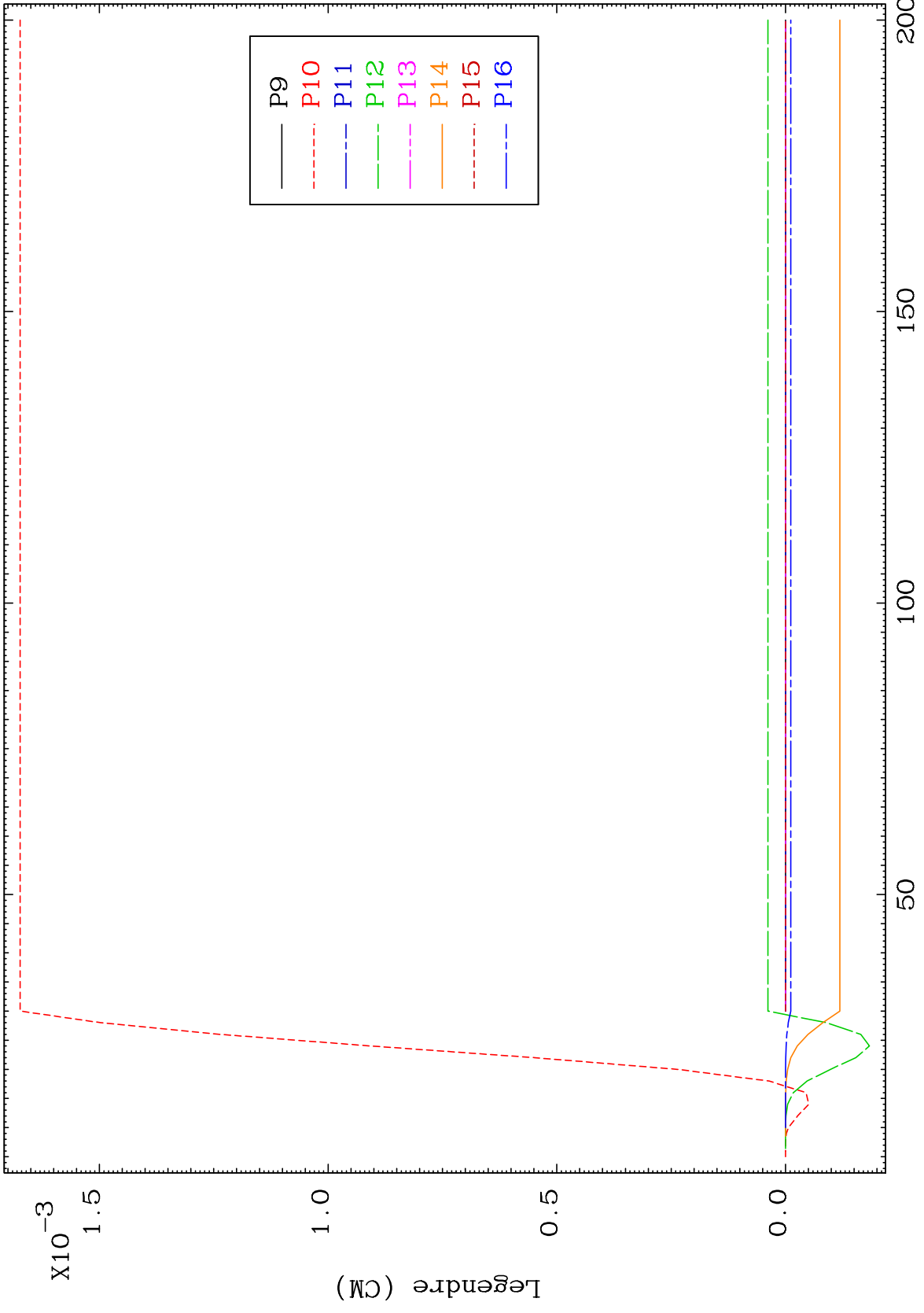


73

Incident Energy (MeV)

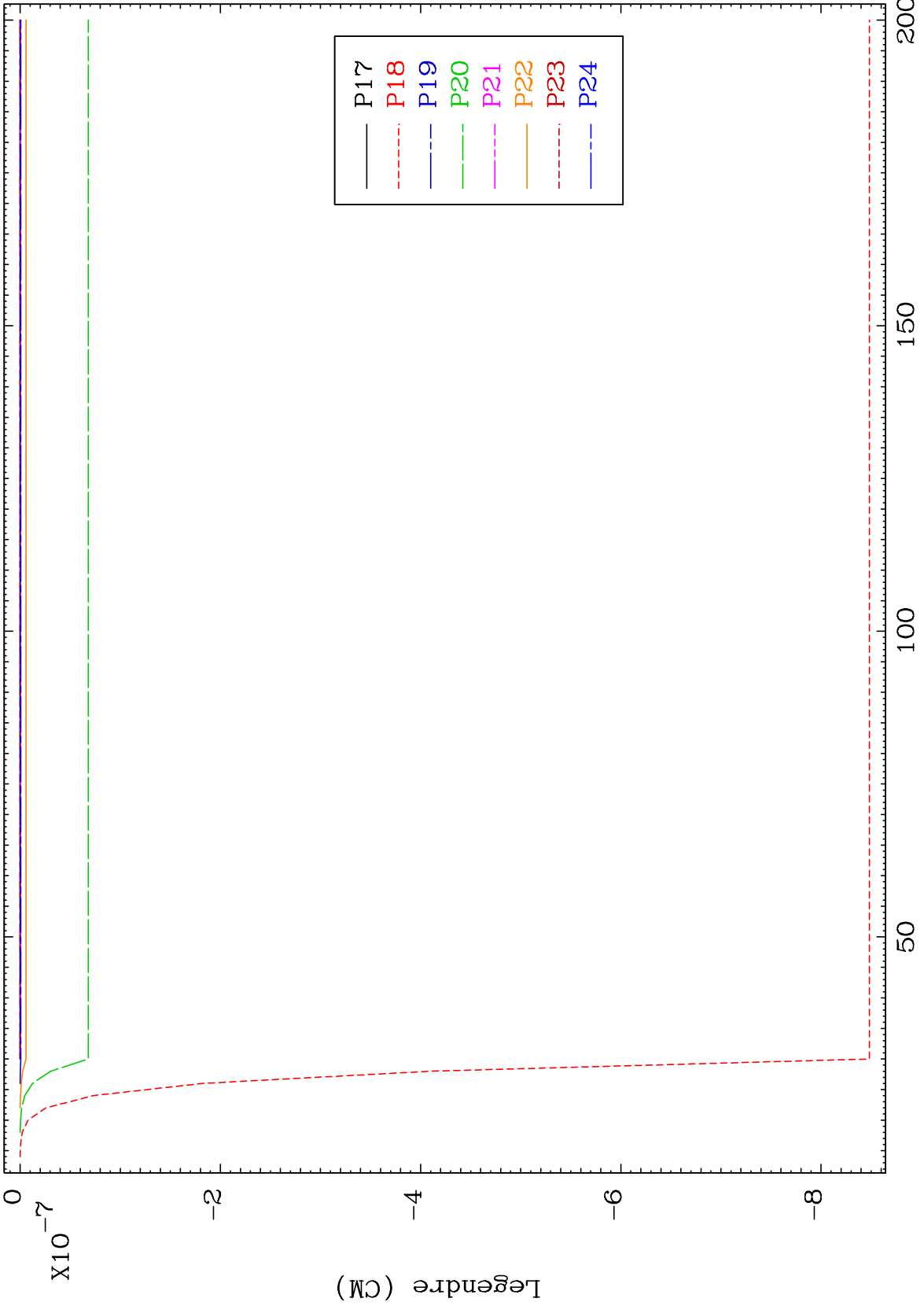
28-Ni-66

MAT 2849 MT= 69 (n,n') Level Legendre Coefficients 28-Ni-66



74 28-Ni-66

MAT 2849 MT= 69 (n,n') Level Legendre Coefficients 28-Ni-66

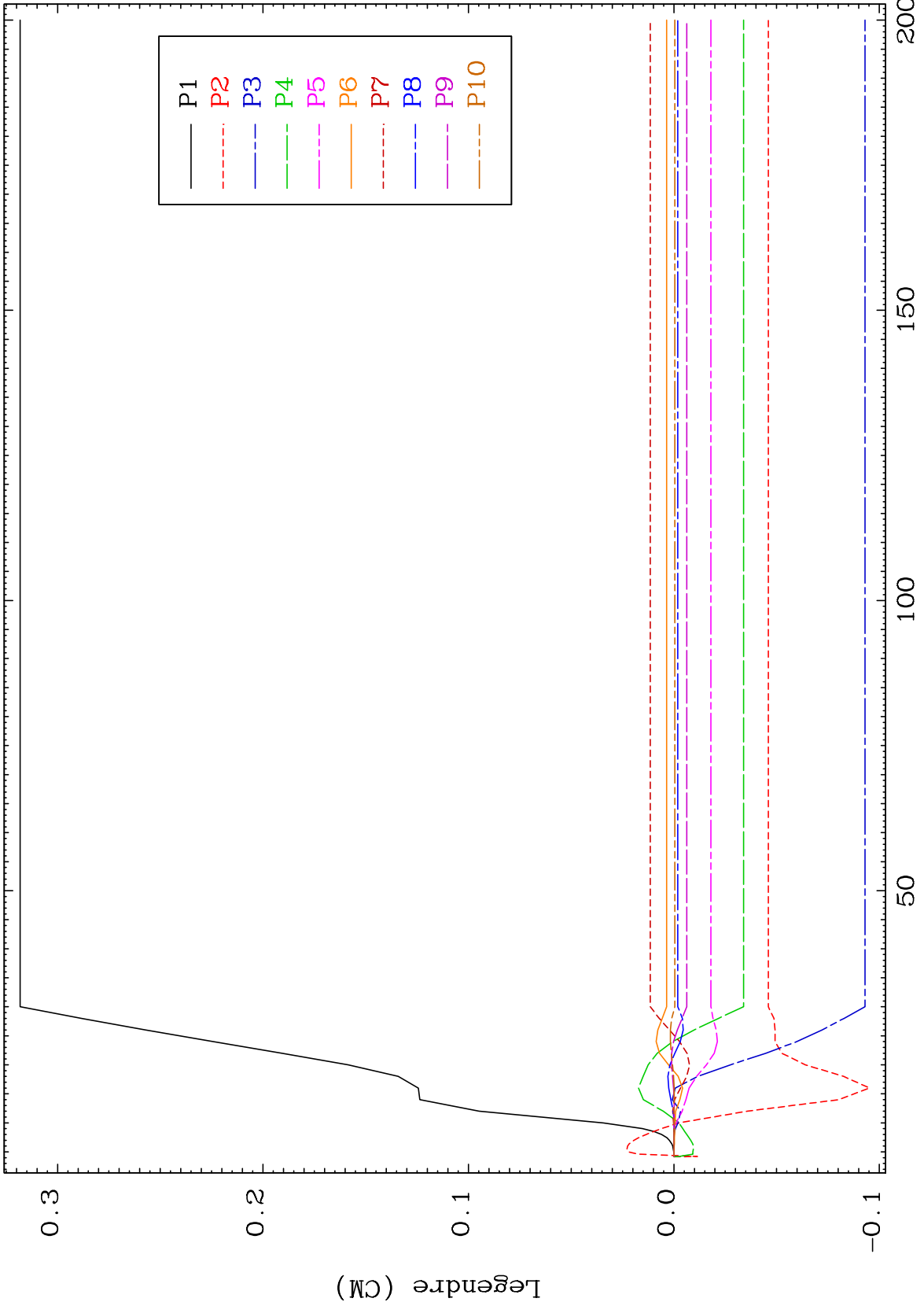


75 Incident Energy (MeV) 28-Ni-66

MAT 2849

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

28-Ni-66



76

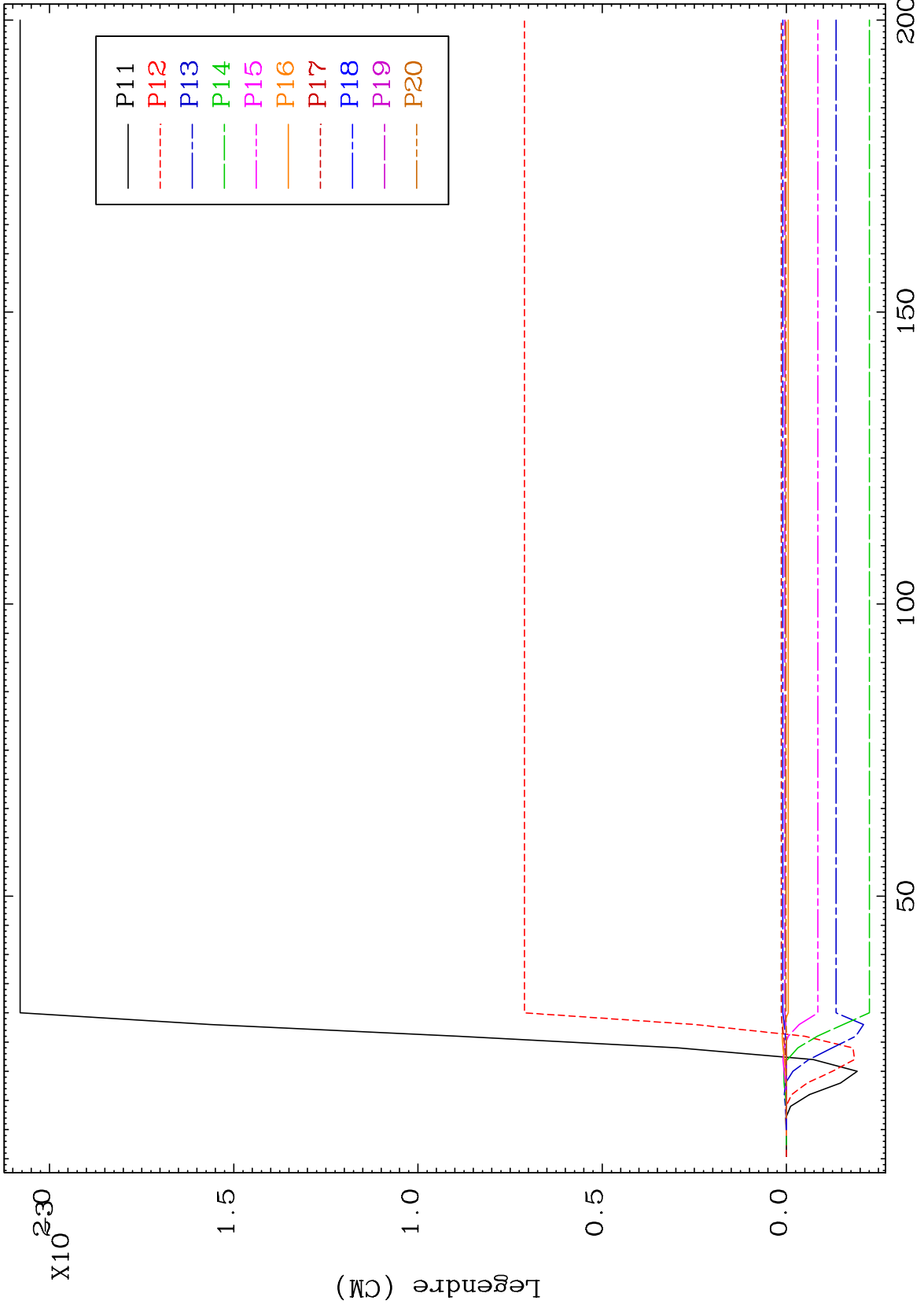
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



77

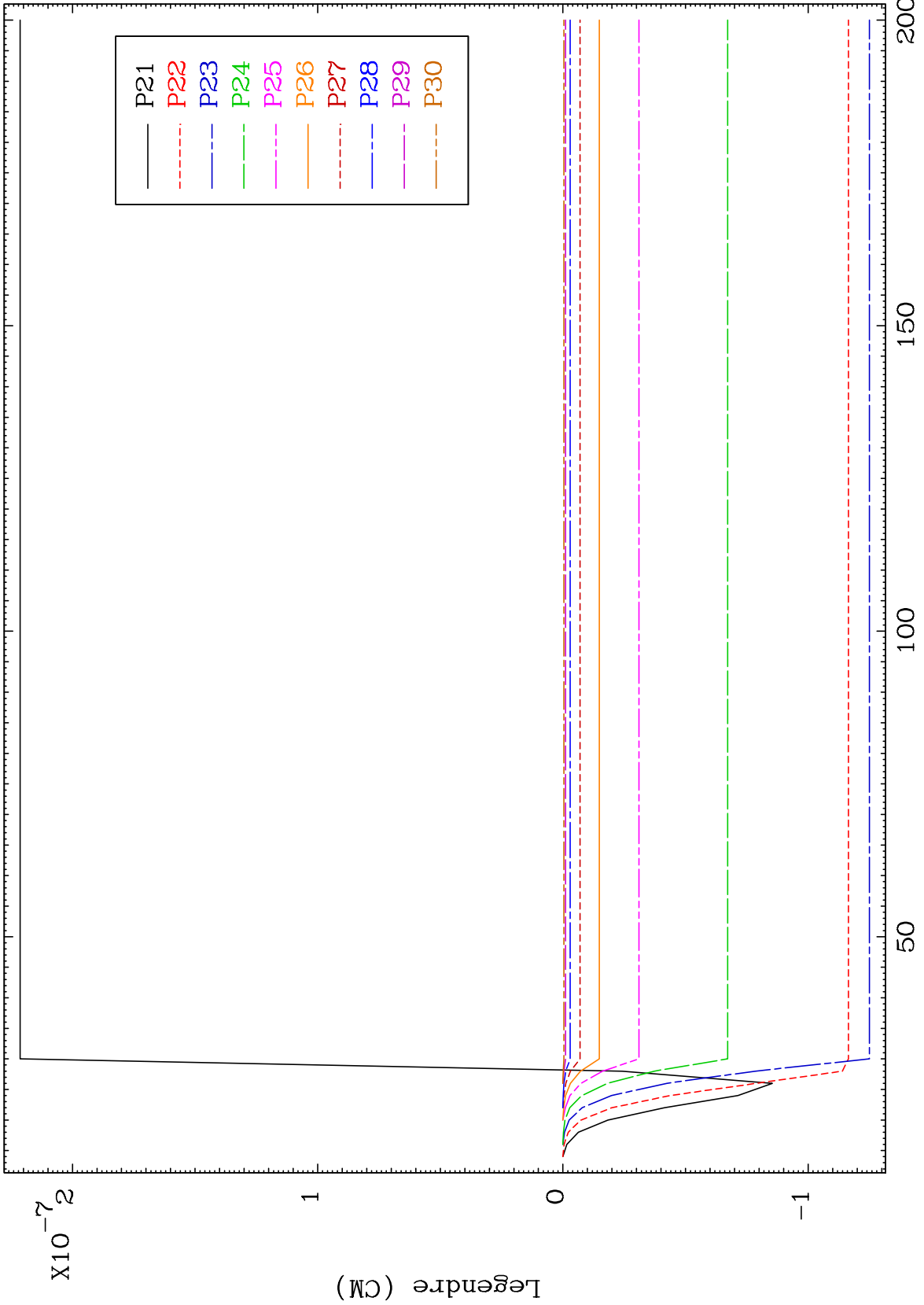
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



78

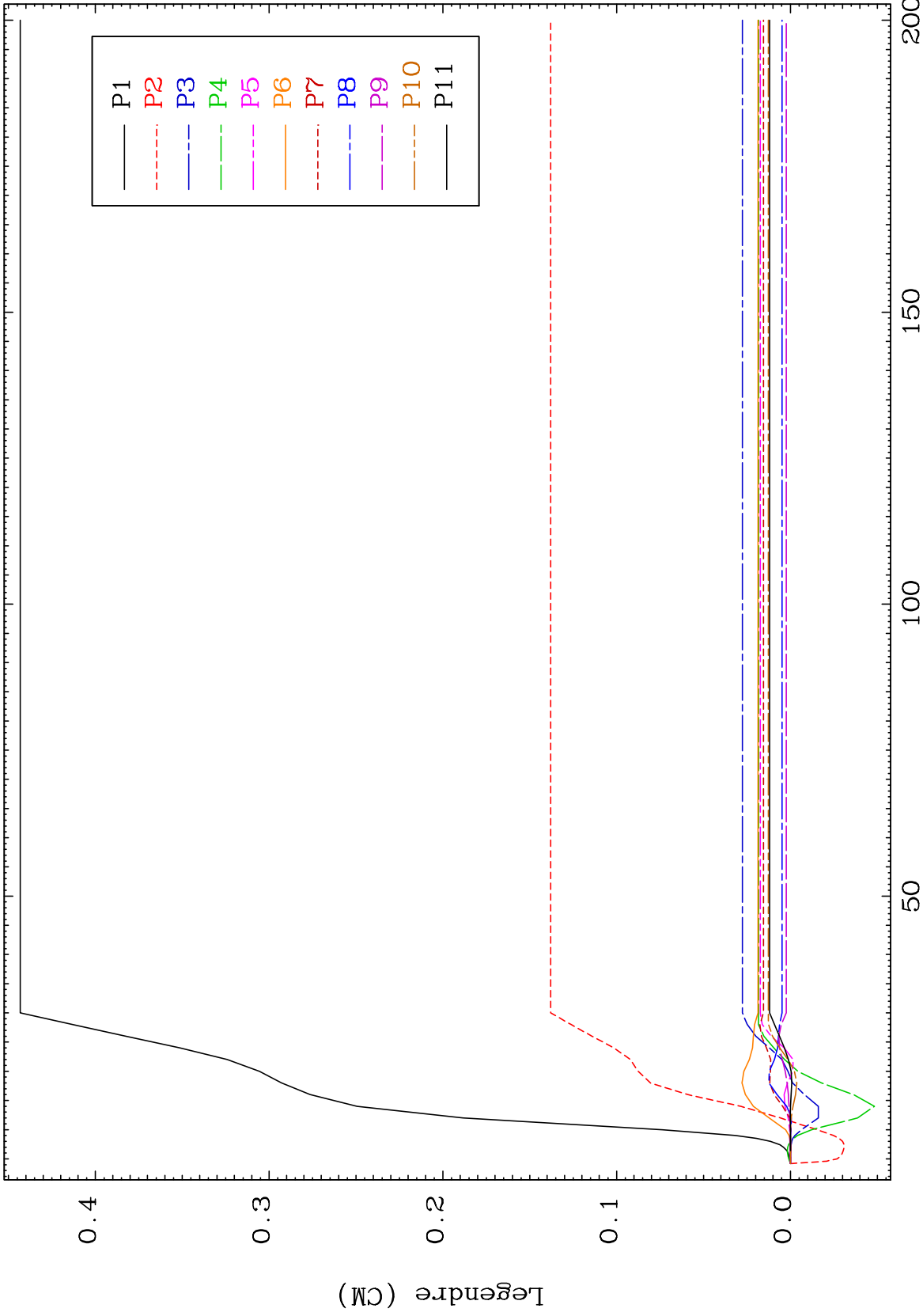
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



79

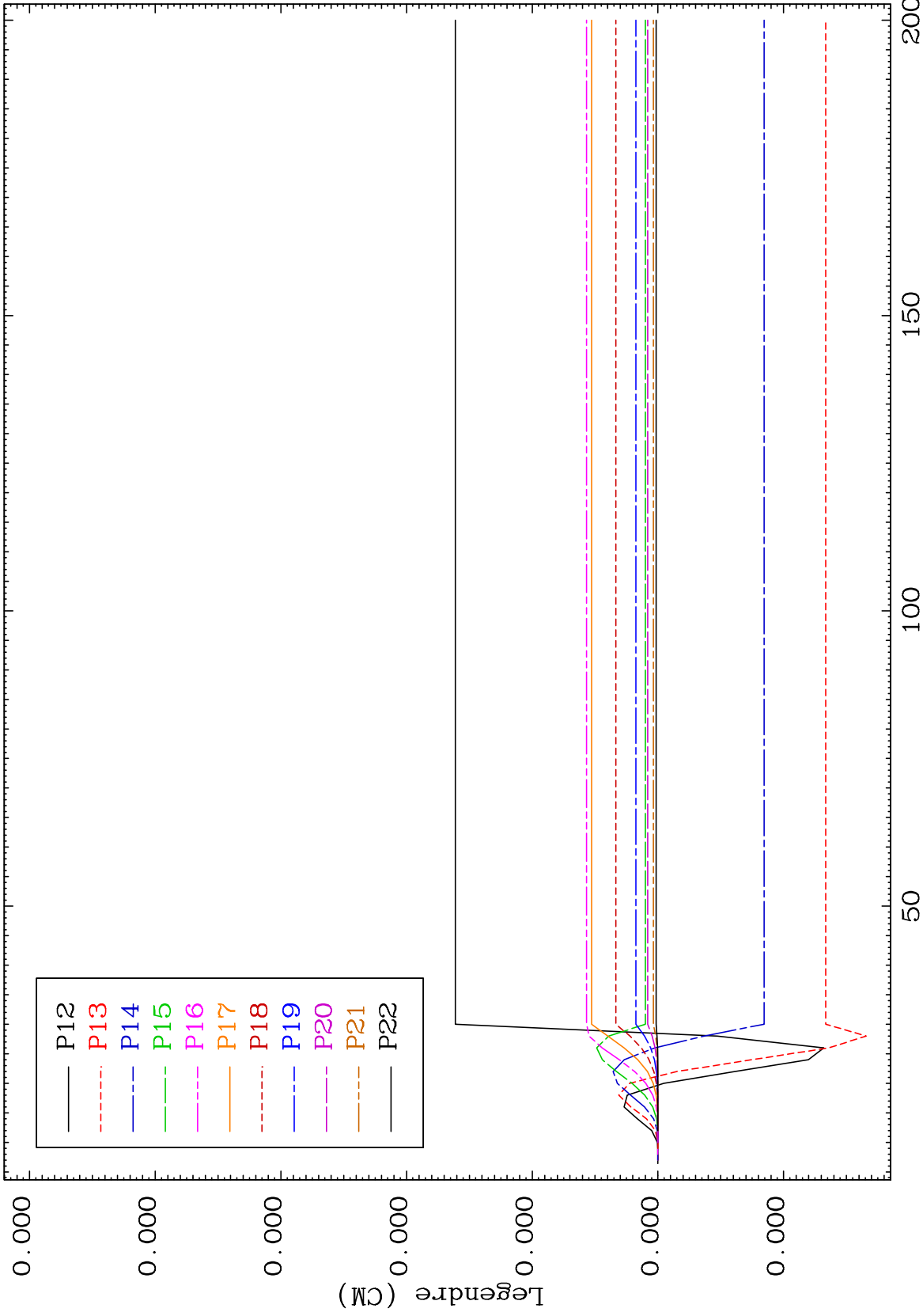
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



80

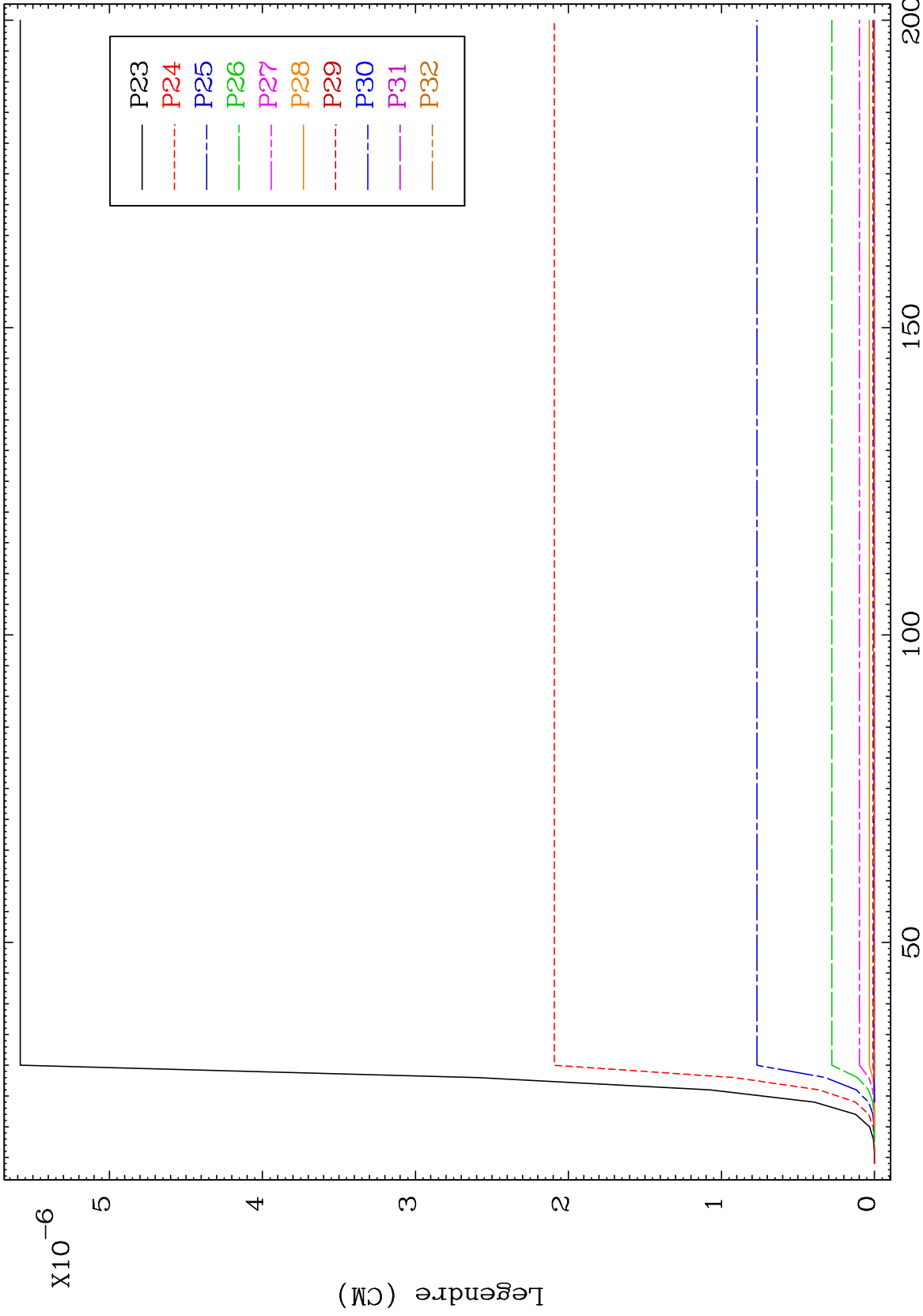
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



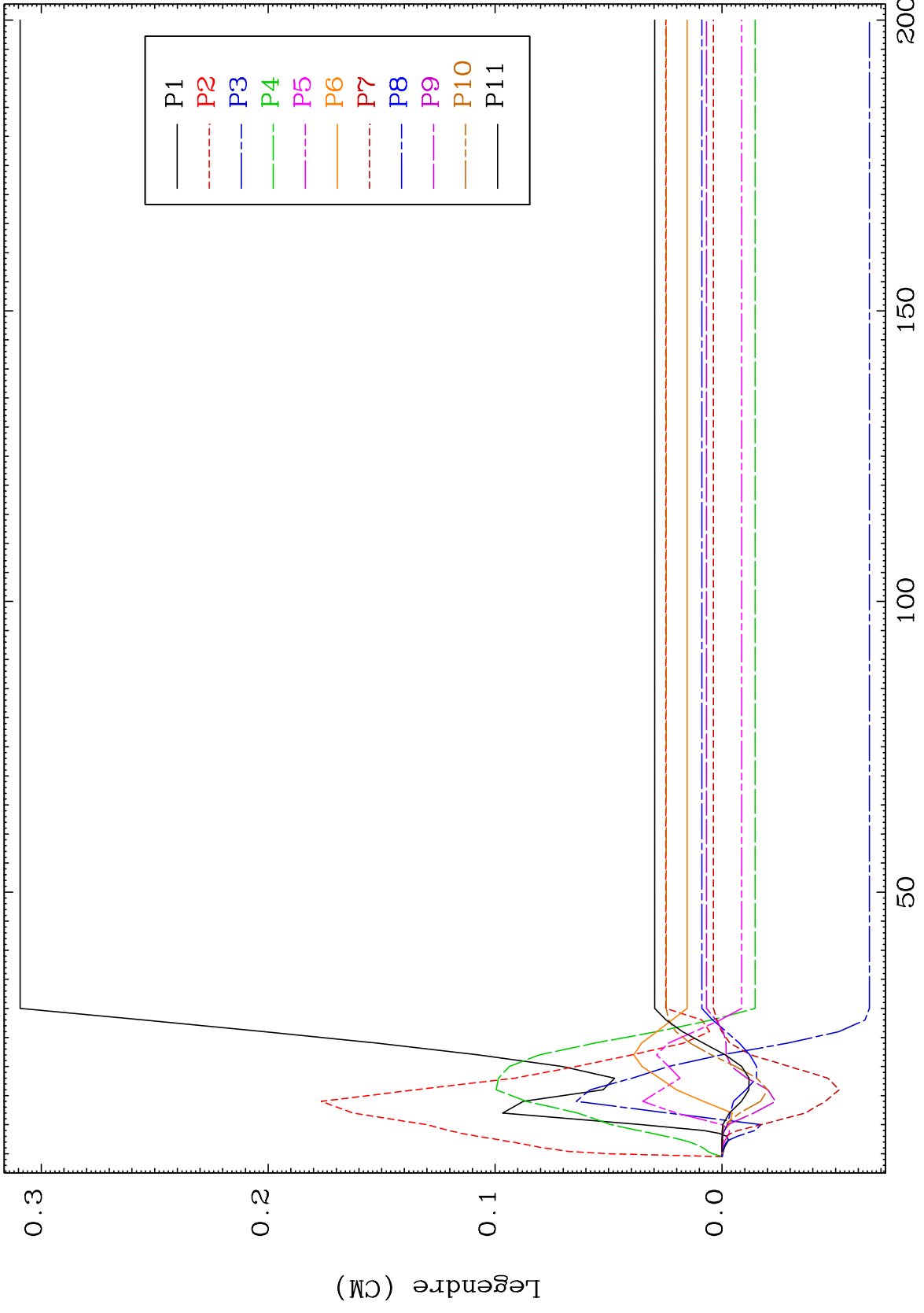
81

28-Ni-66

MAT 2849

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

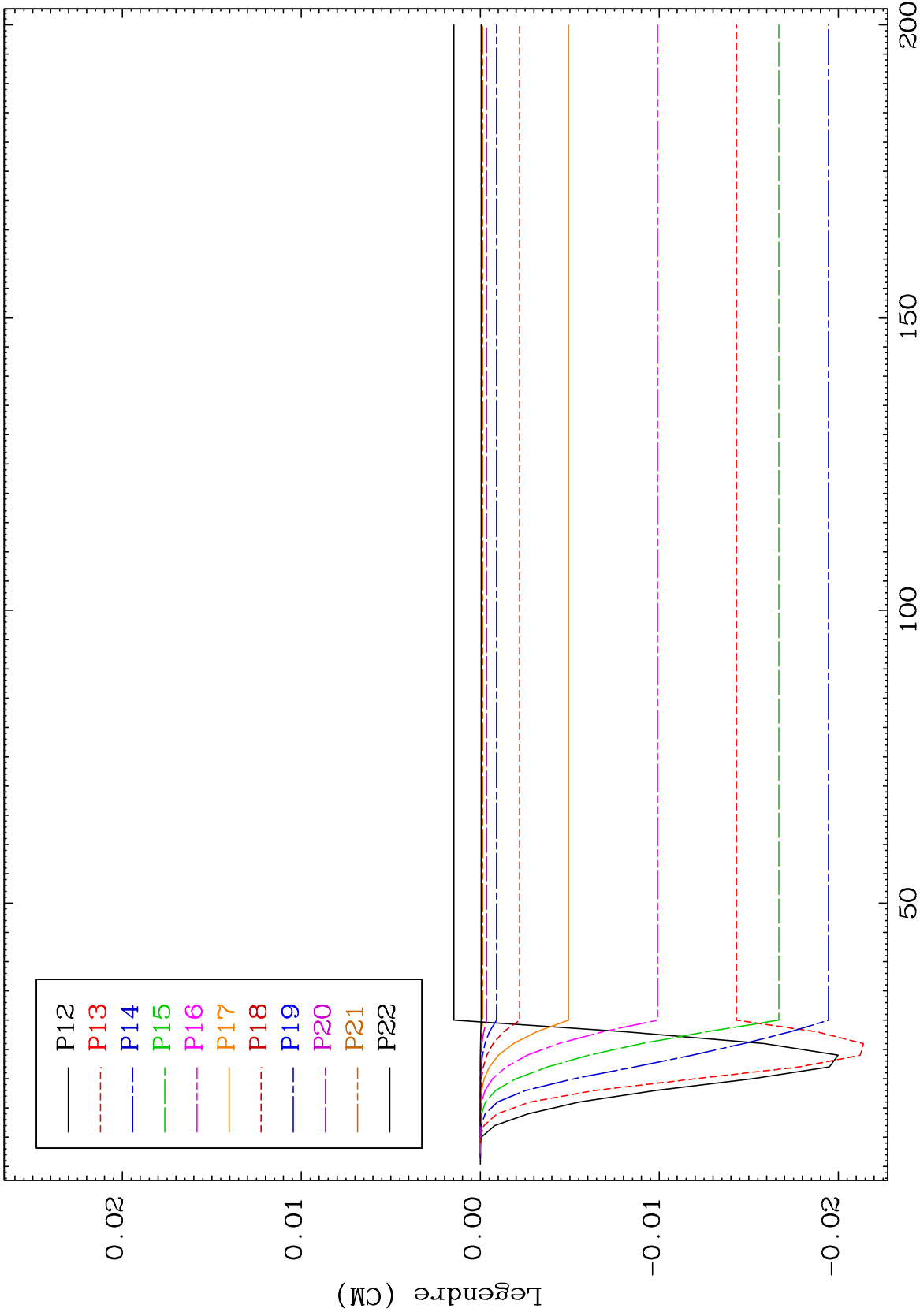
28-Ni-66



82

Incident Energy (MeV)

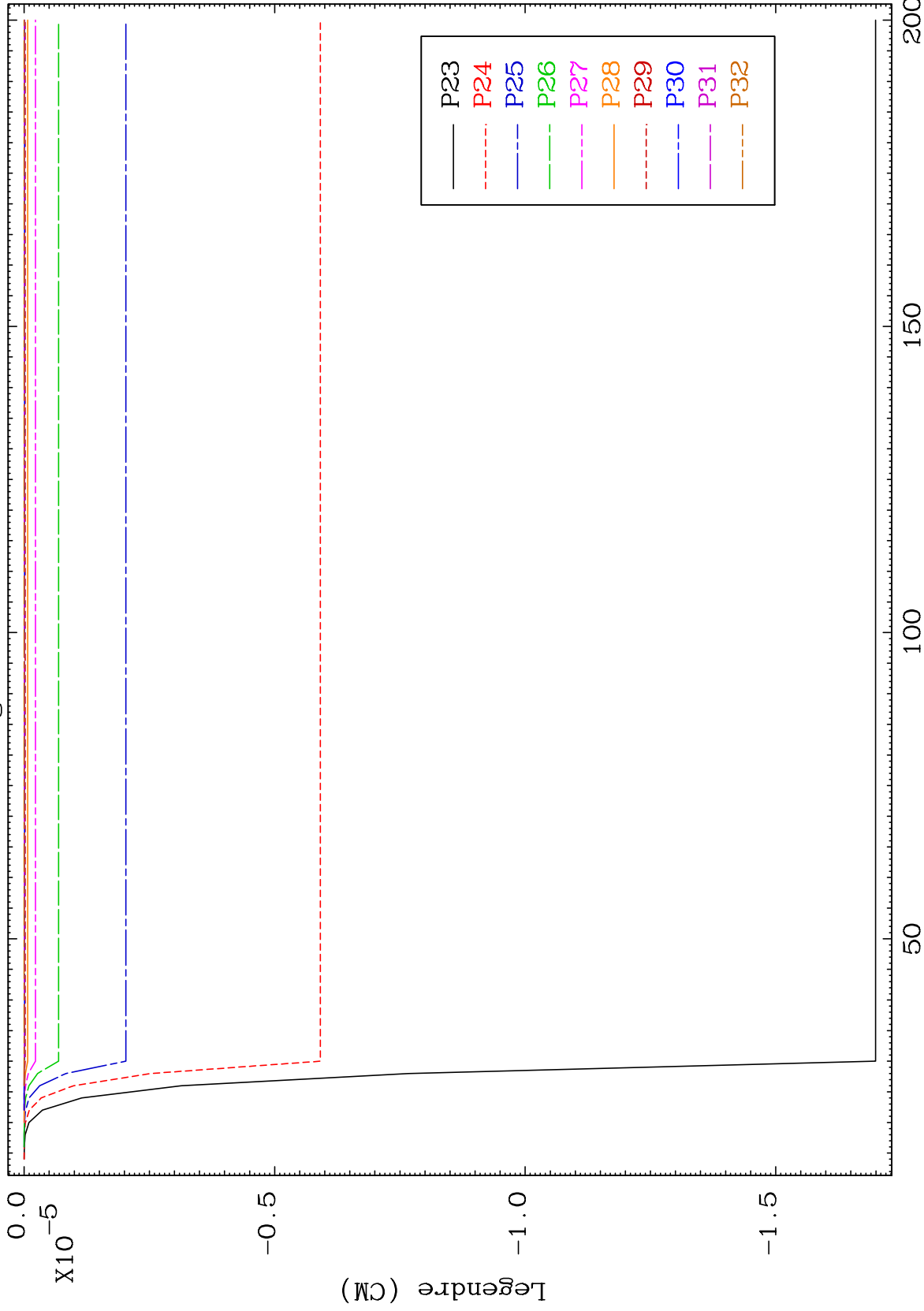
28-Ni-66



MAT 2849

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

28-Ni-66

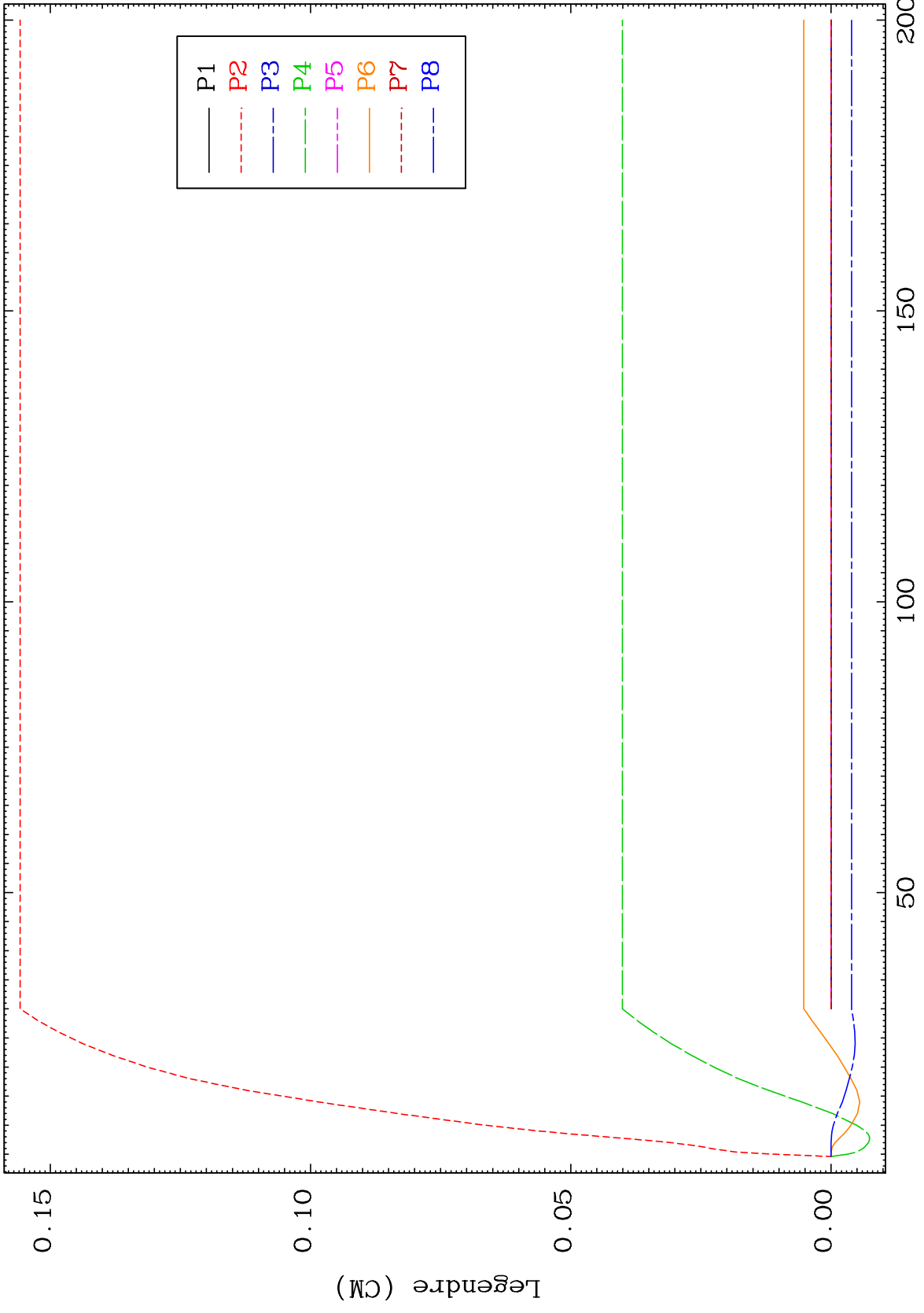


84

Incident Energy (MeV)

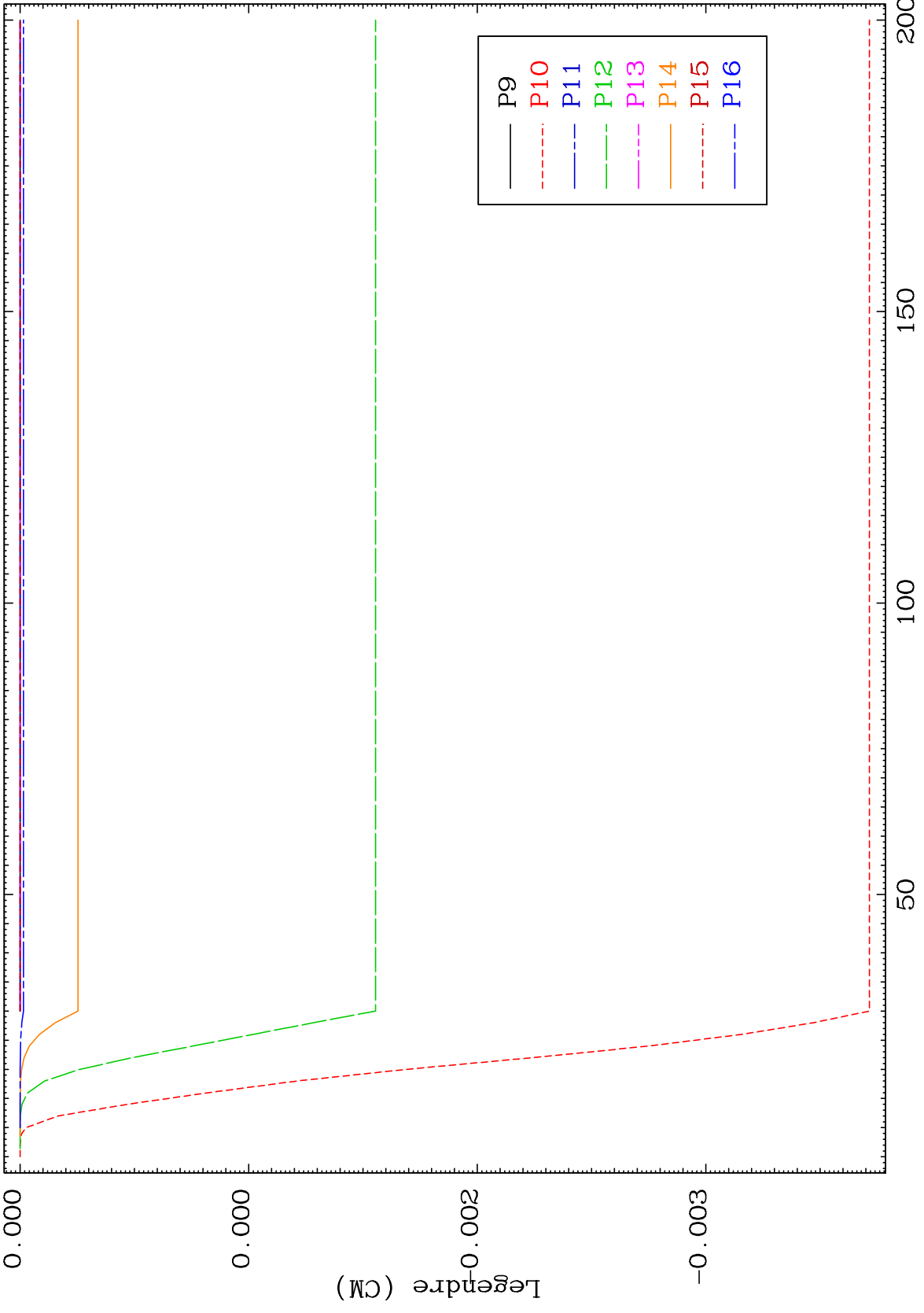
28-Ni-66

MAT 2849 MT= 73 (n,n') Level Legendre Coefficients 28-Ni-66



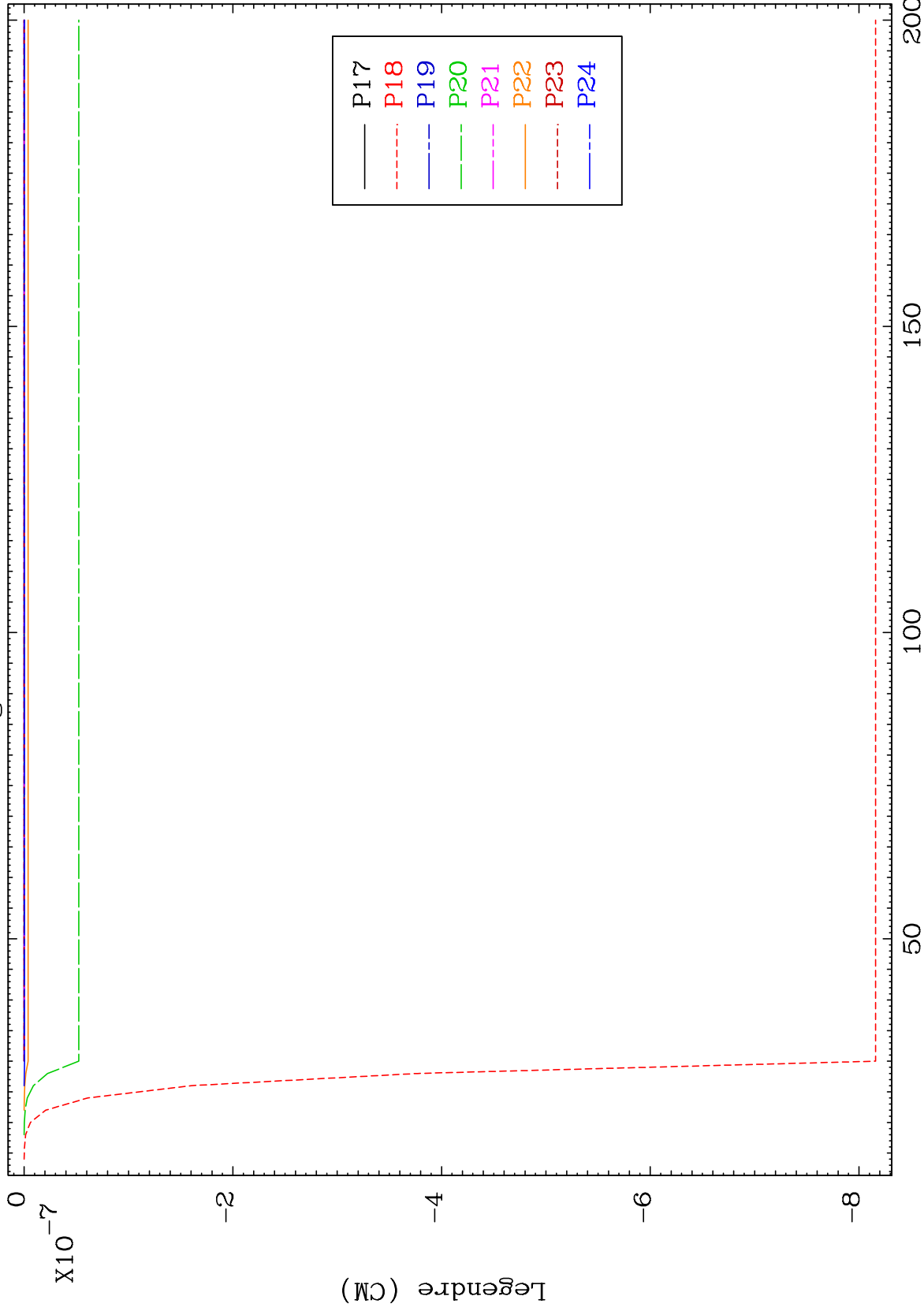
85 50 100 150 200 28-Ni-66

MAT 2849 MT= 73 (n,n') Level Legendre Coefficients 28-Ni-66



86 Incident Energy (MeV) 28-Ni-66

MAT 2849 MT= 73 (n,n') Level Legendre Coefficients 28-Ni-66

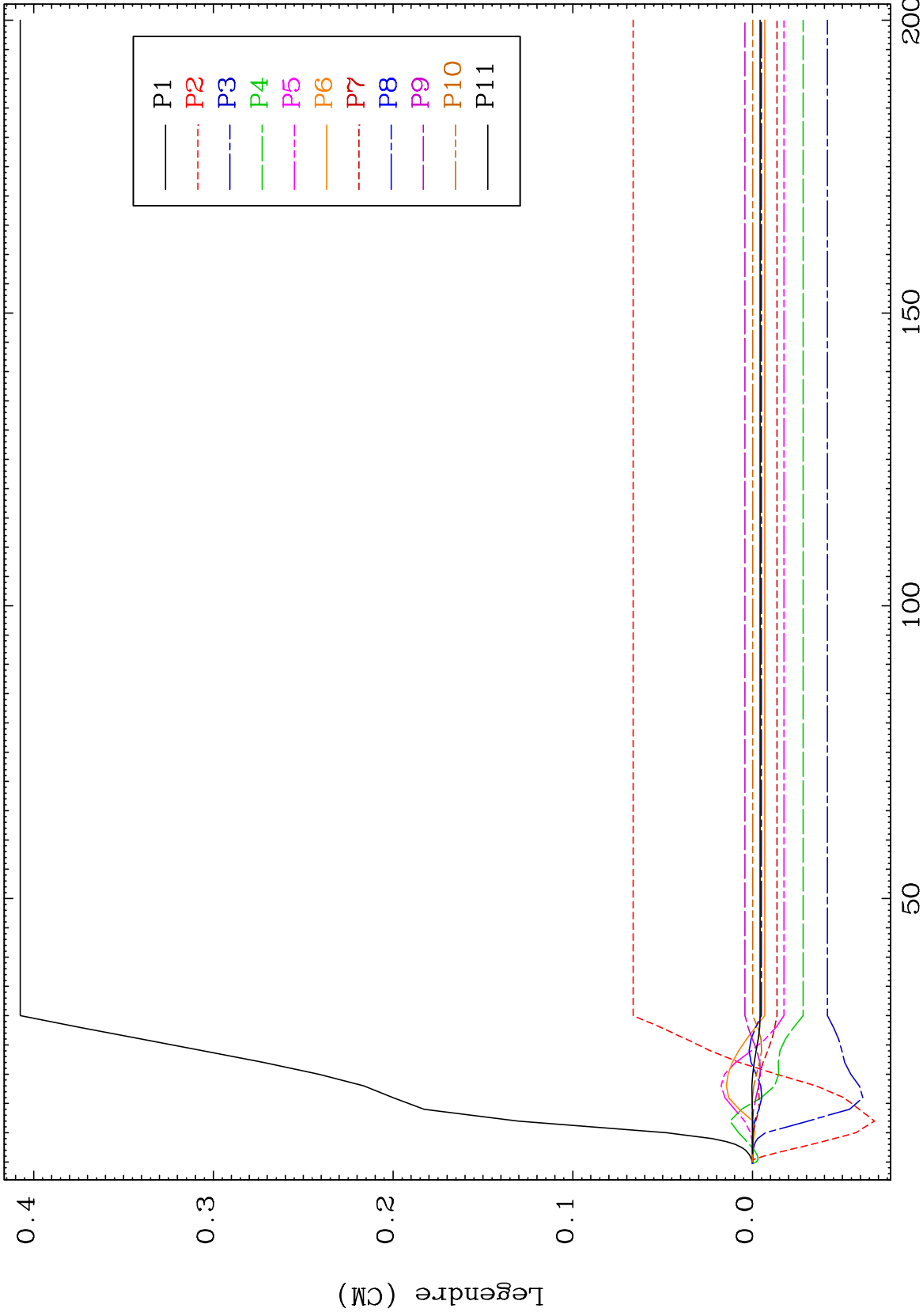


87 28-Ni-66

MAT 2849

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

28-Ni-66



88

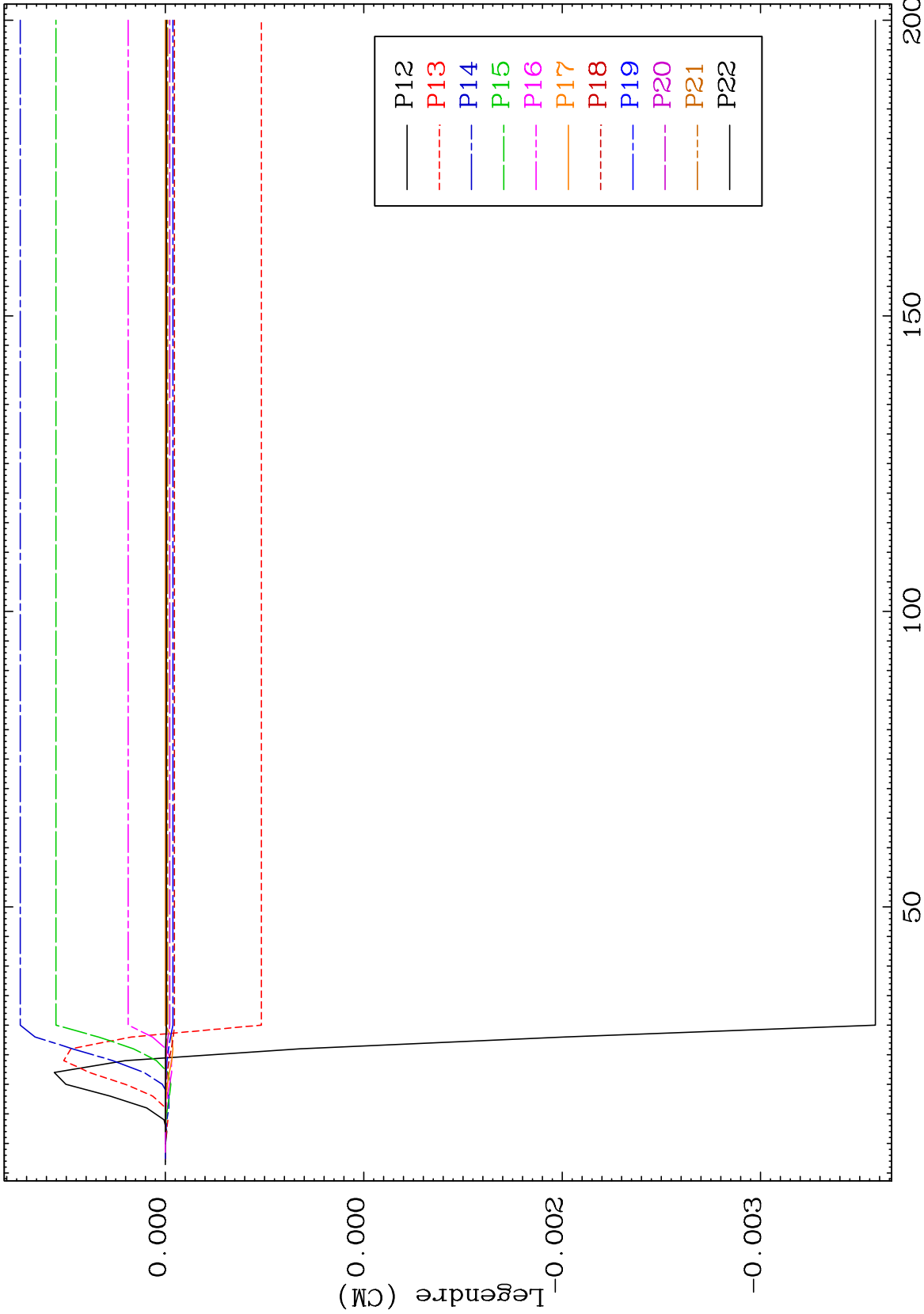
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



89

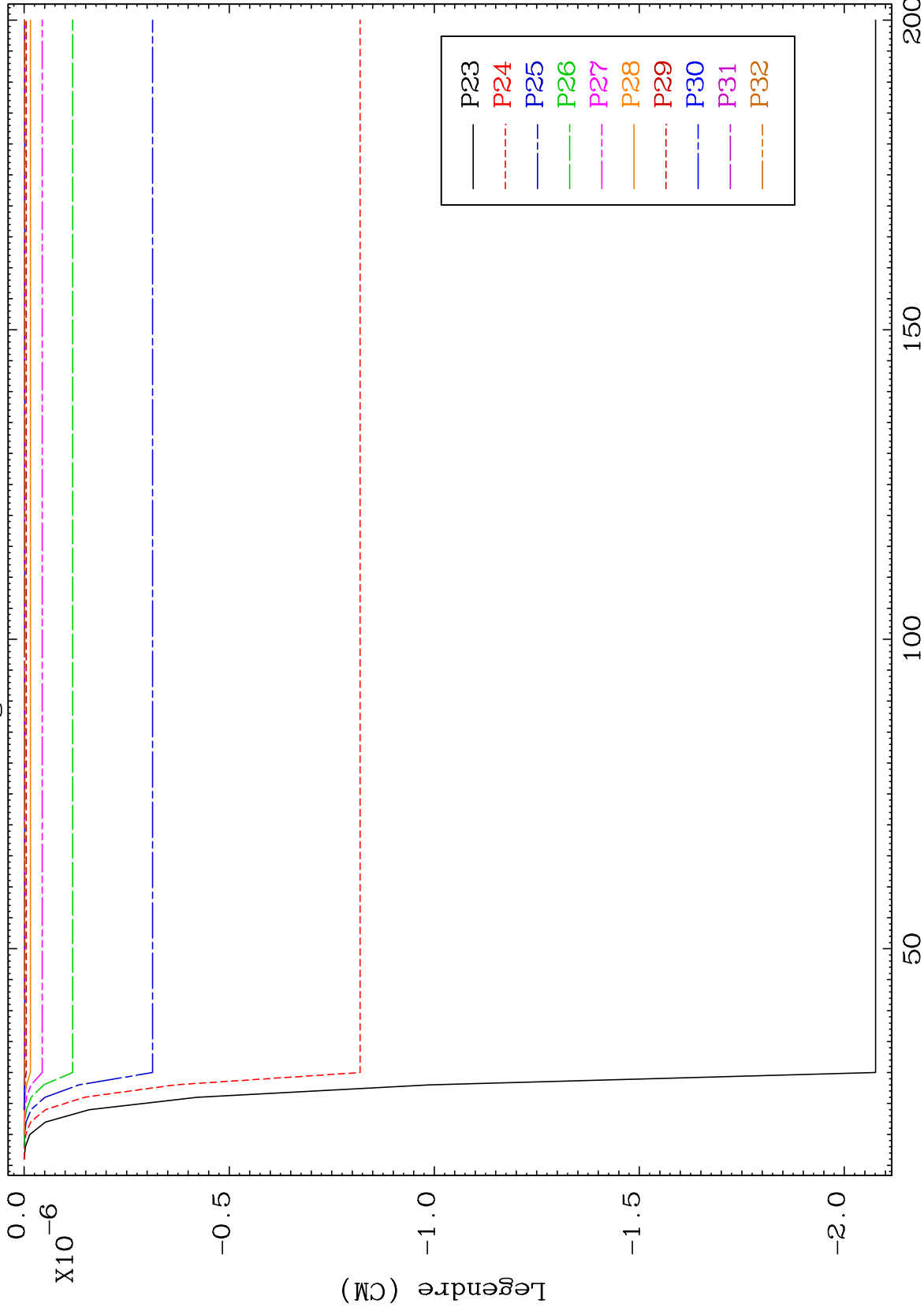
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



90

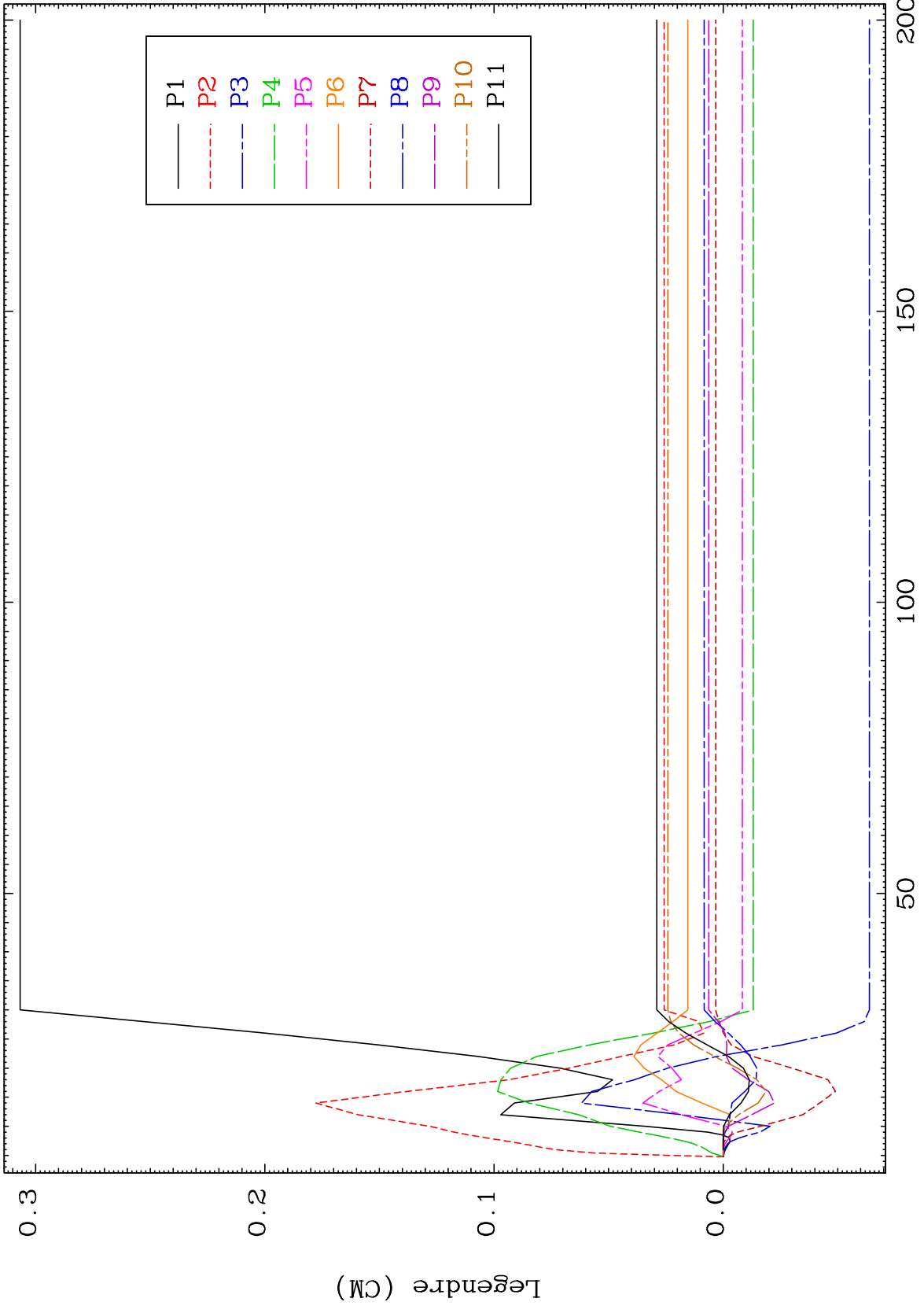
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



91

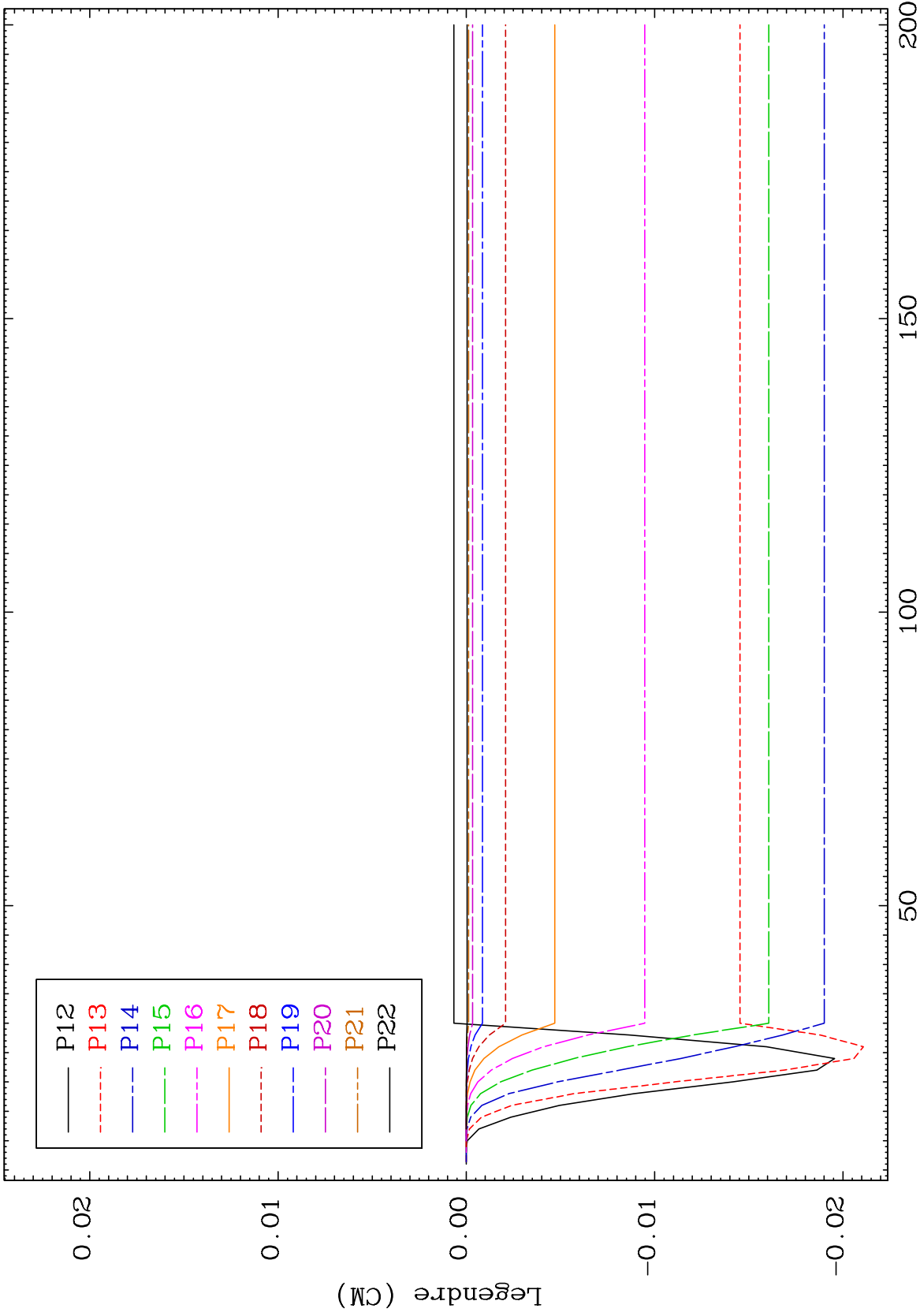
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



92

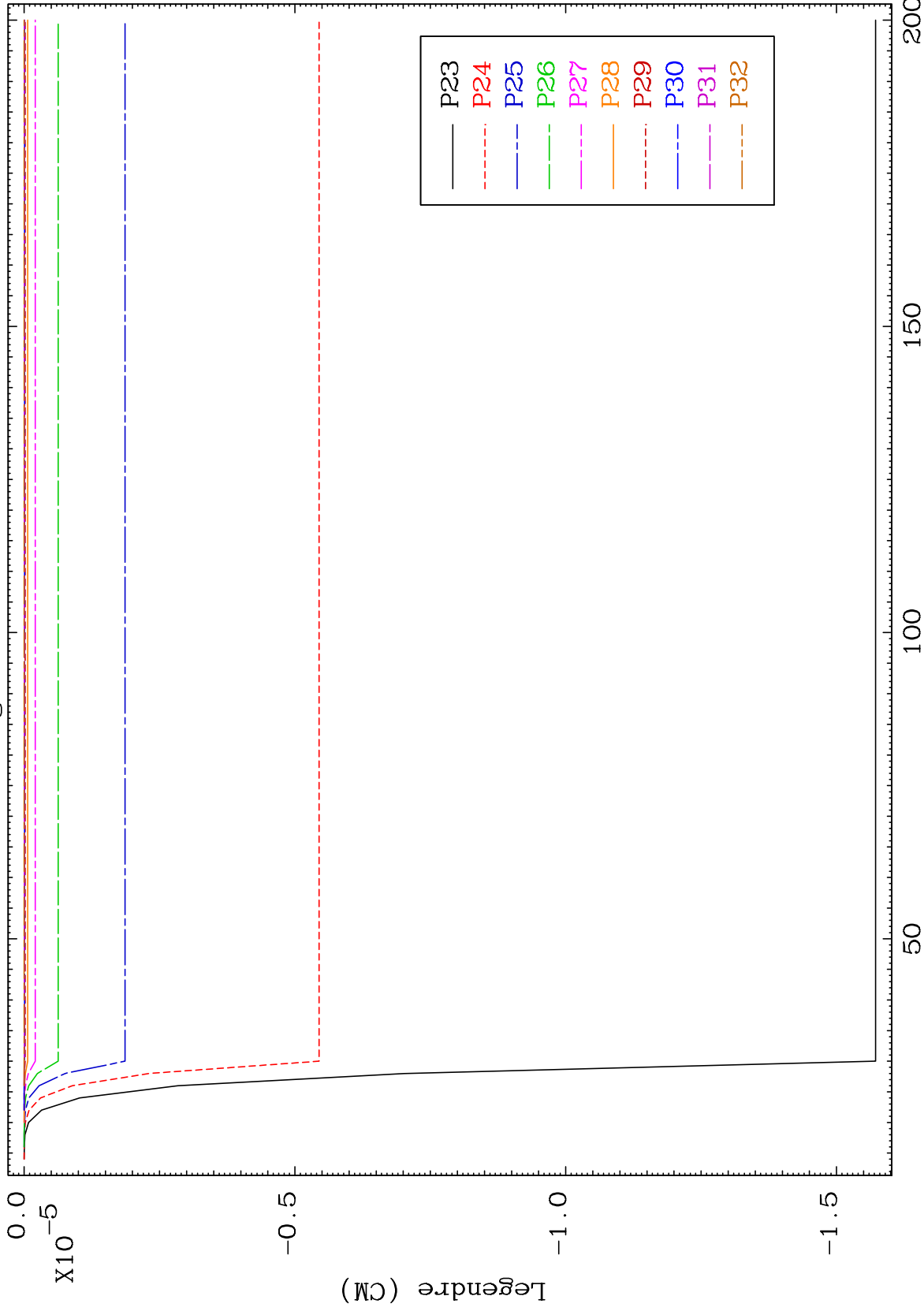
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



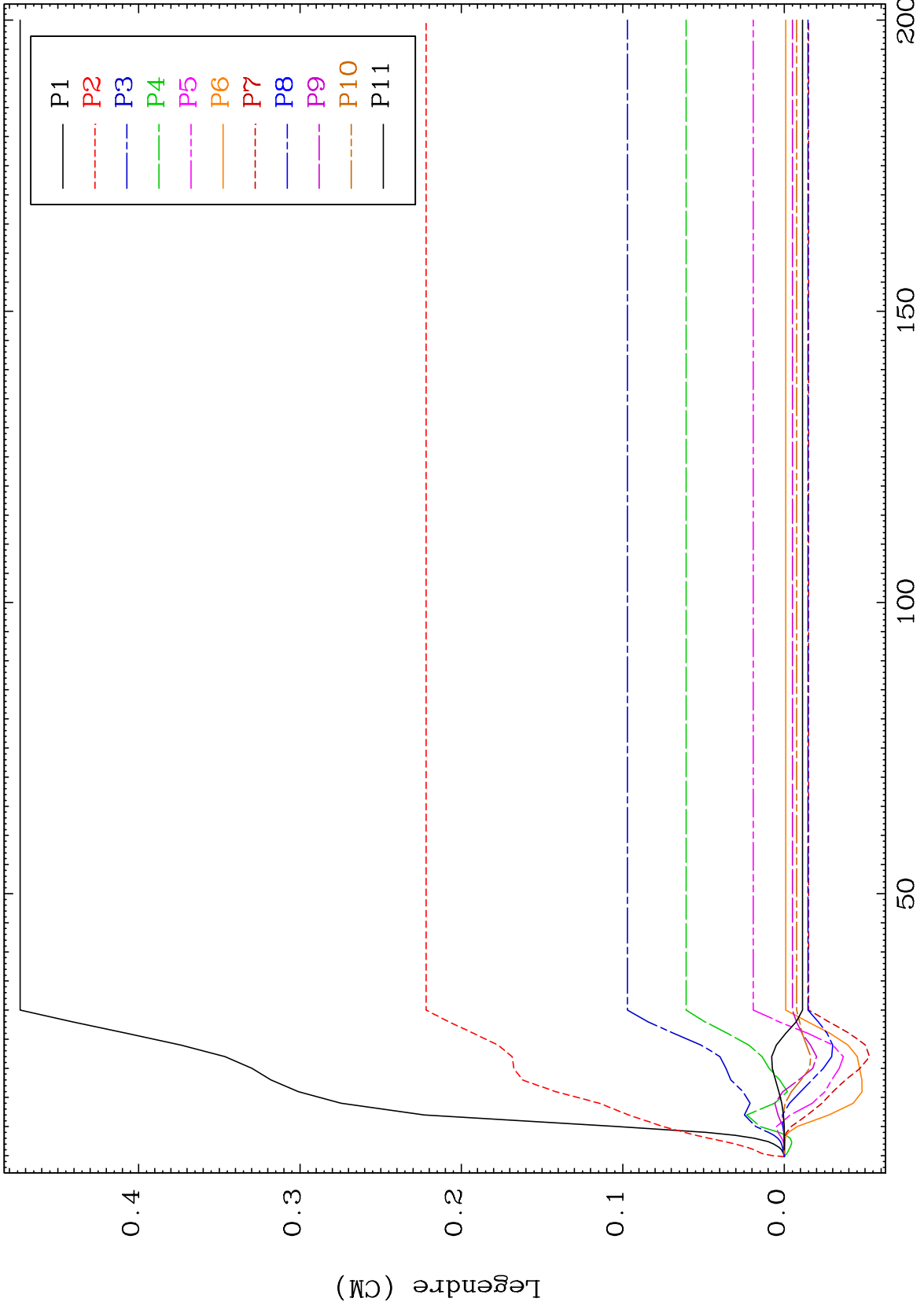
93

28-Ni-66

MAT 2849

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

28-Ni-66



94

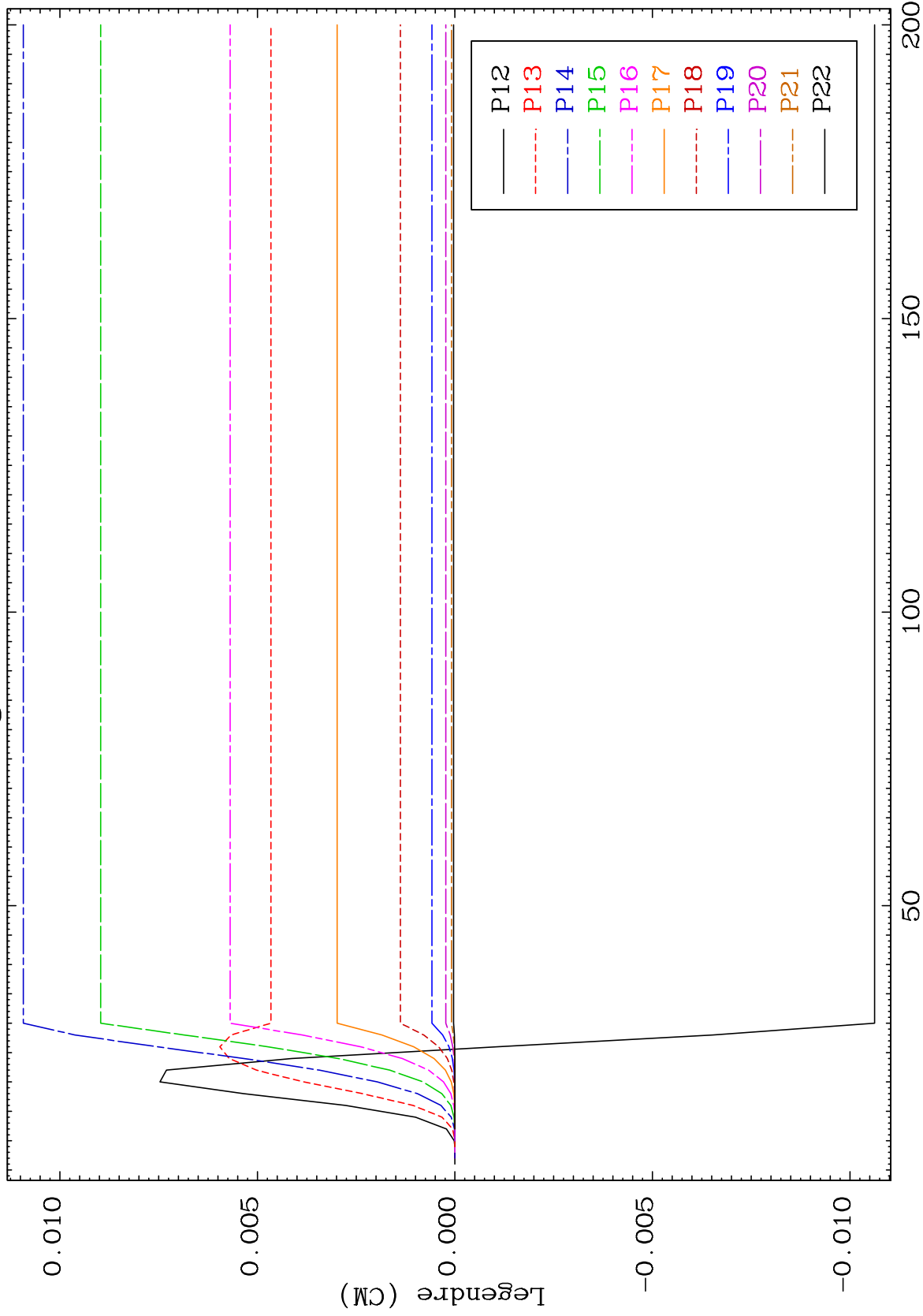
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



95

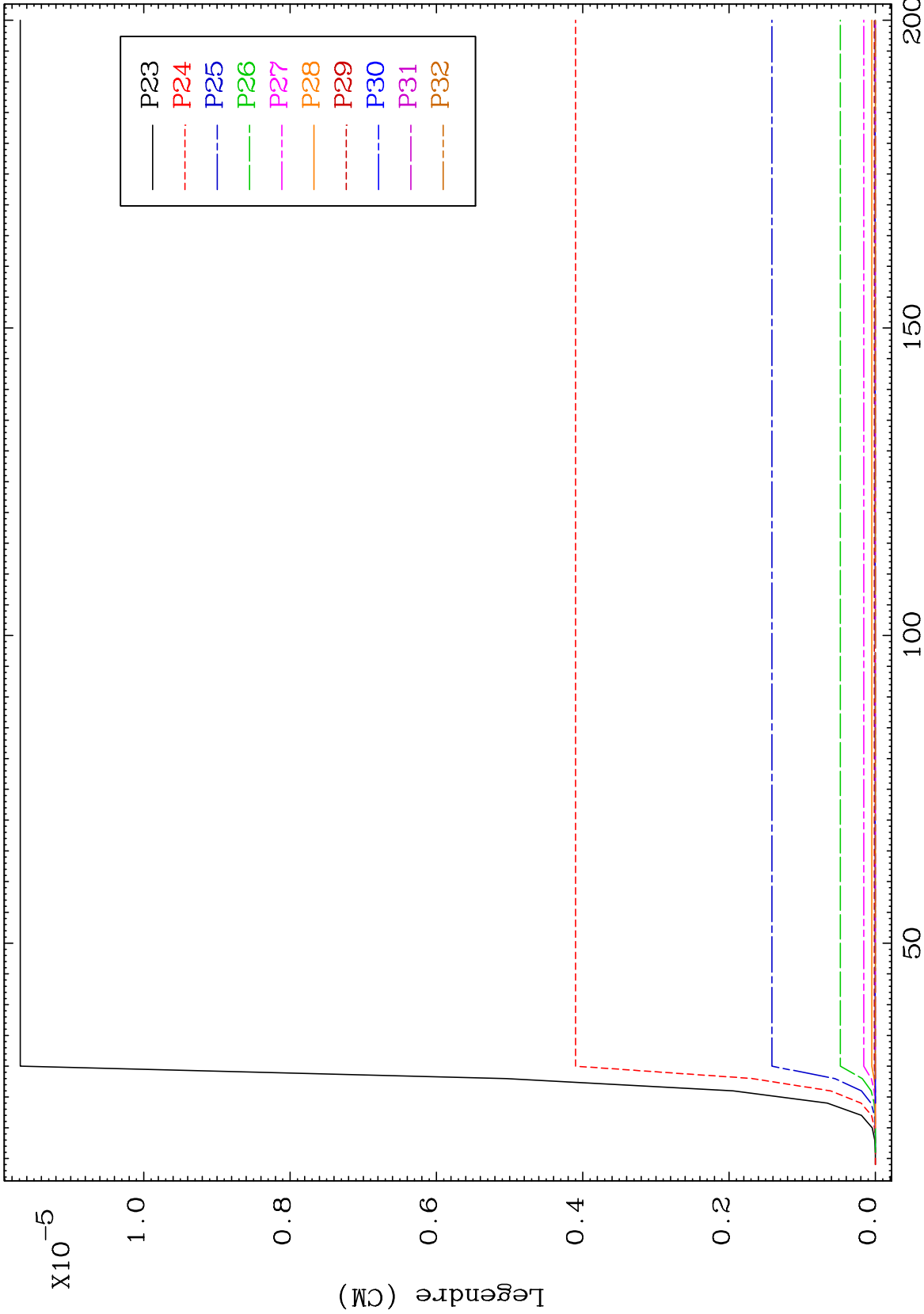
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



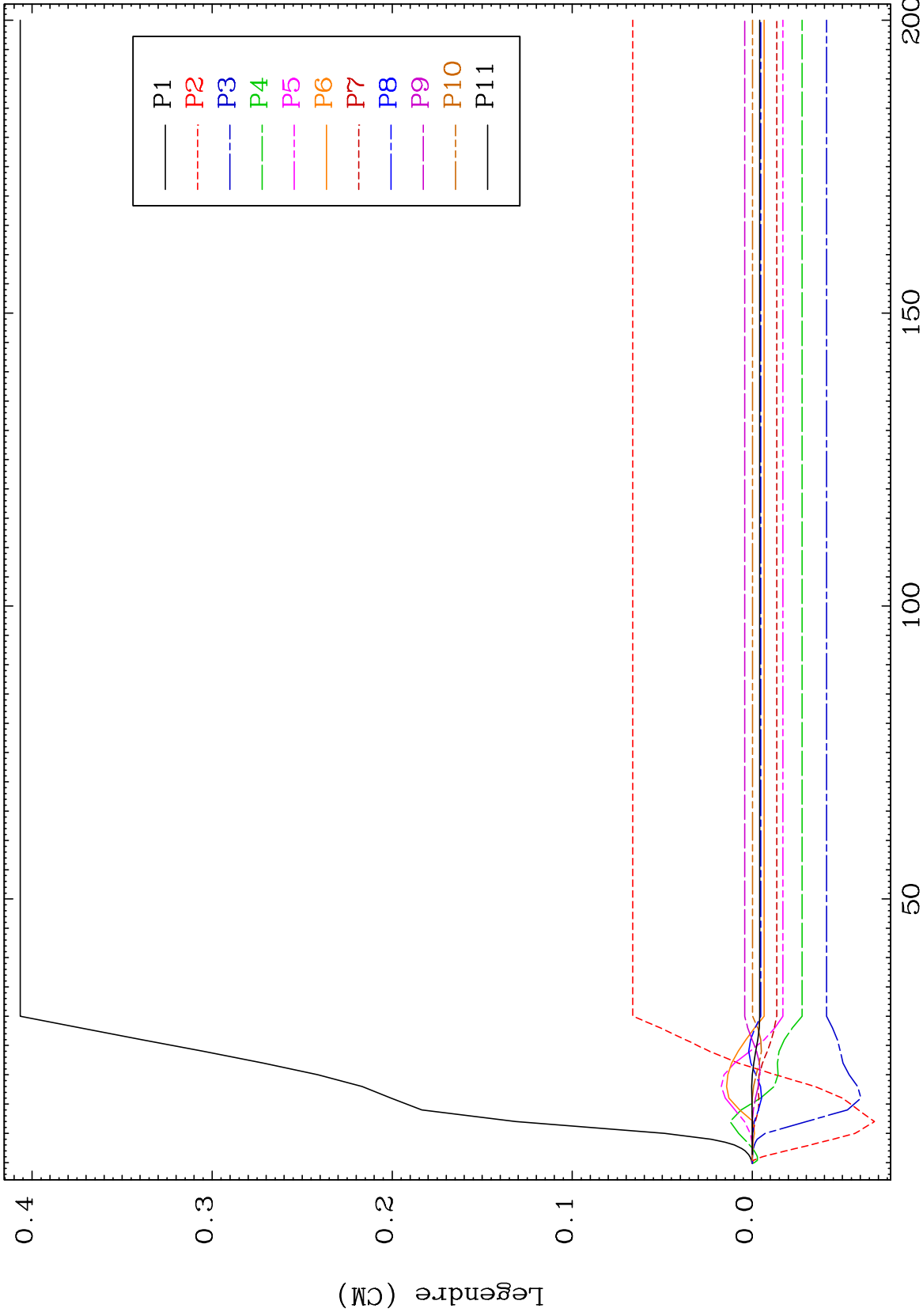
96

28-Ni-66

MAT 2849

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

28-Ni-66



97

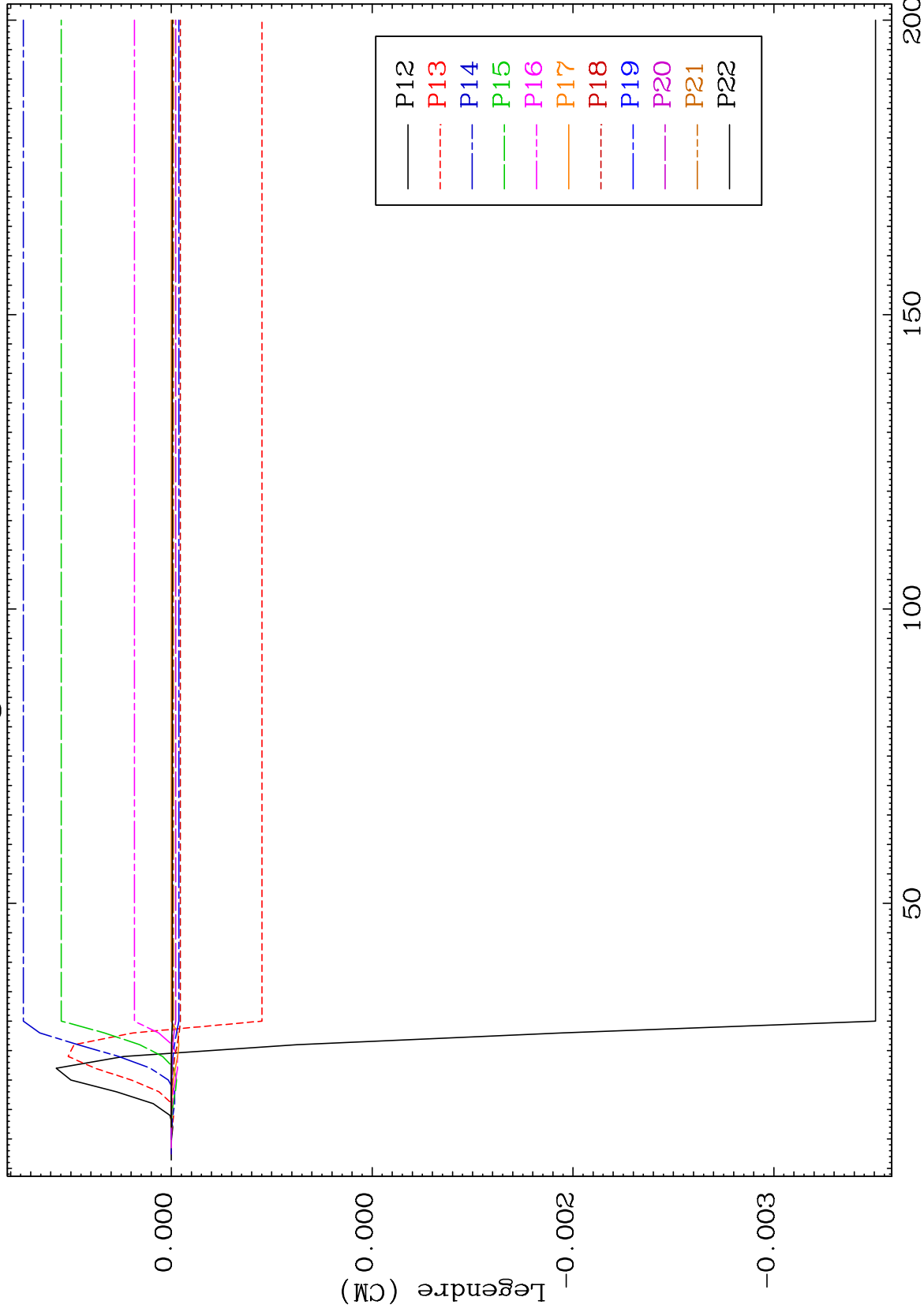
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



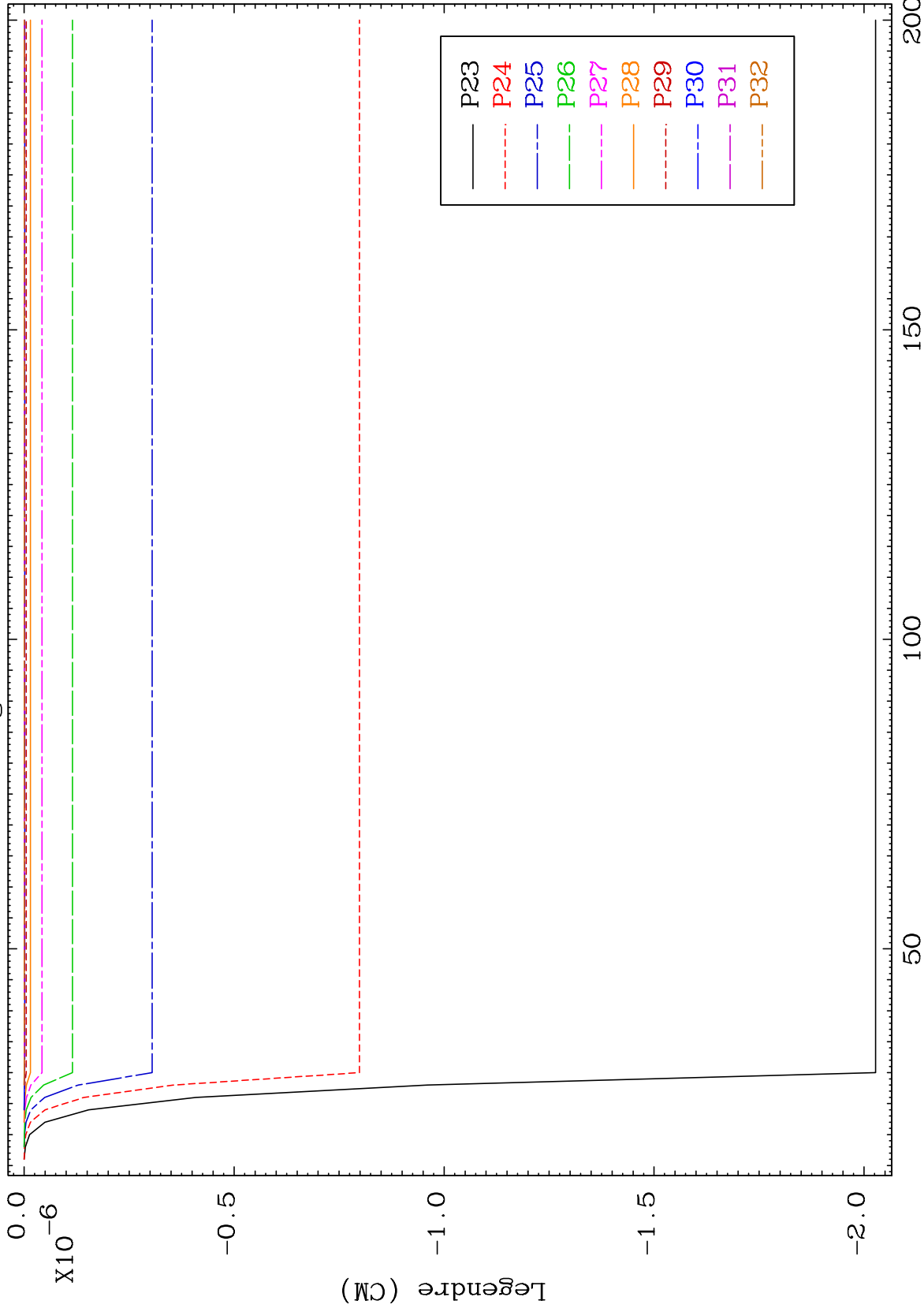
98

28-Ni-66

MAT 2849

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

28-Ni-66



99

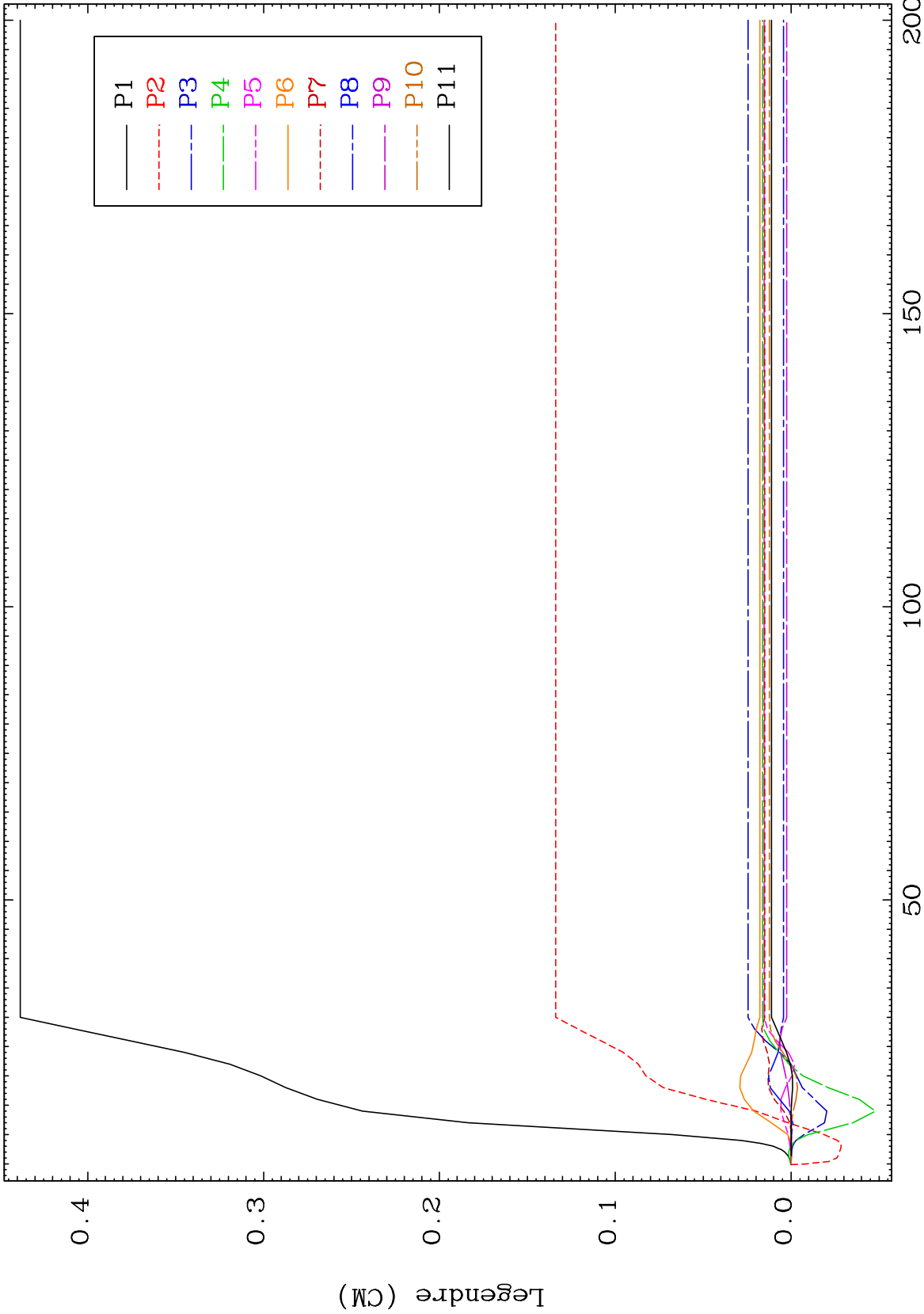
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



28-Ni-66

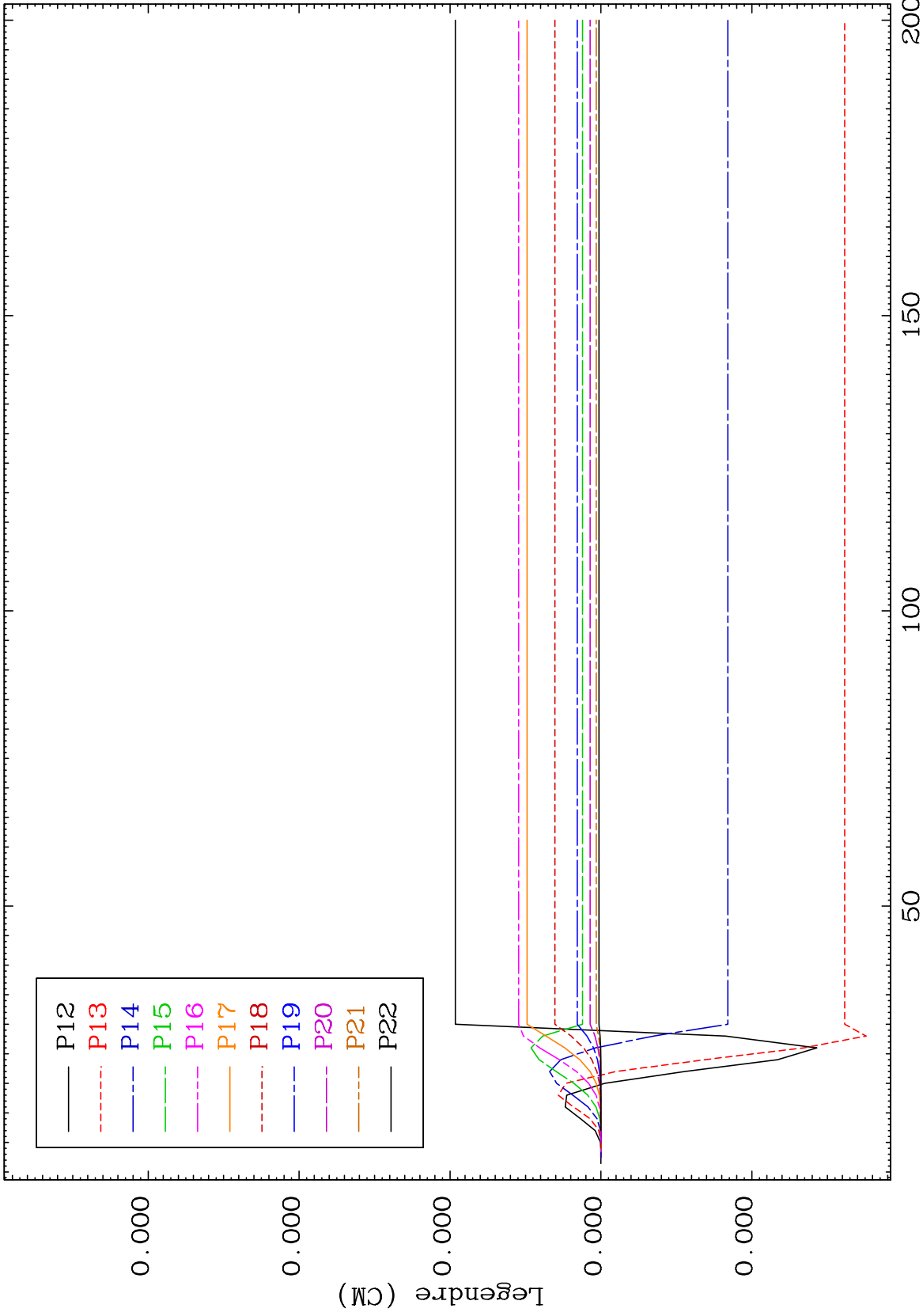
Incident Energy (MeV)

Legendre (CM)

MAT 2849

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

28-Ni-66



101

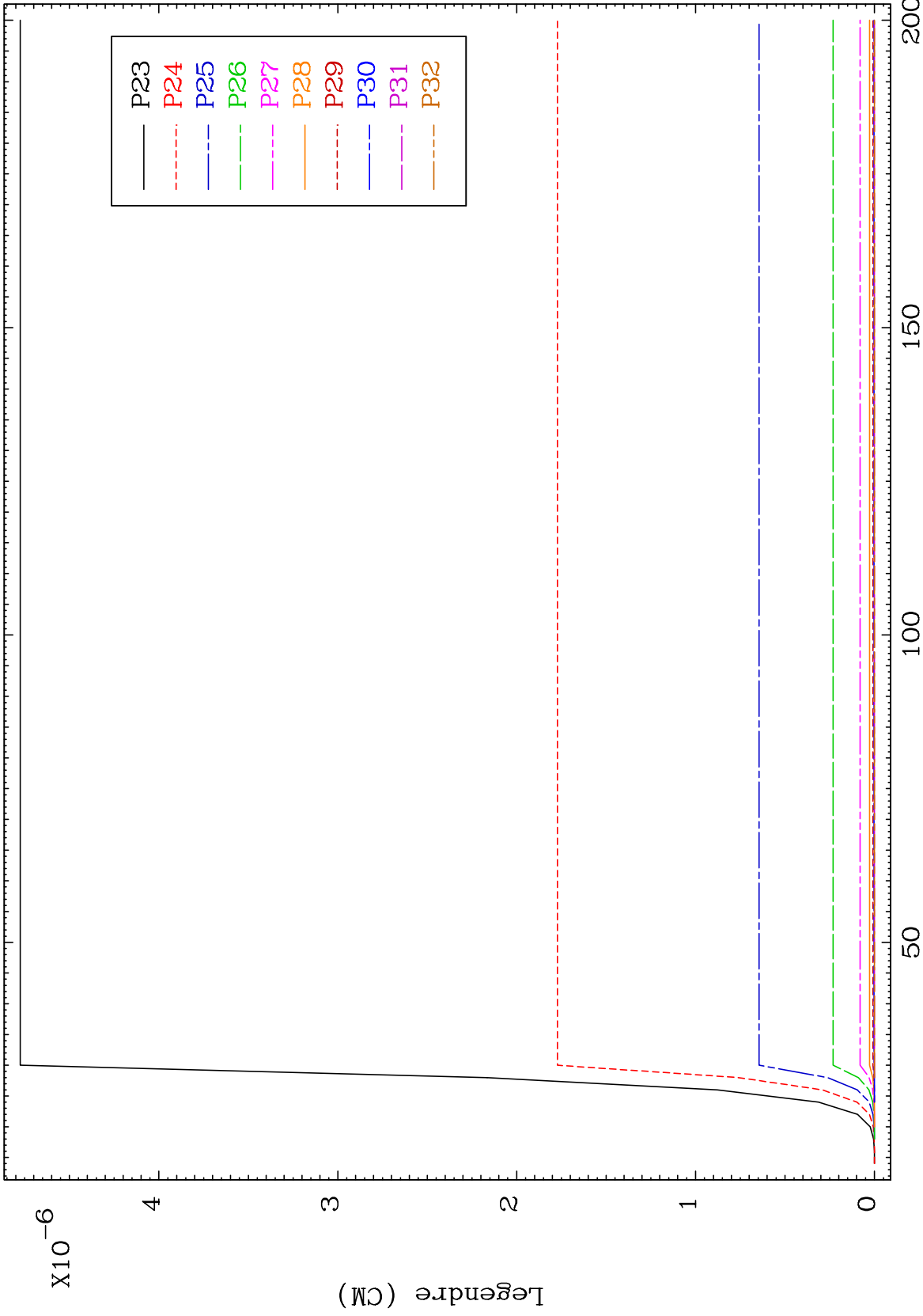
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



102

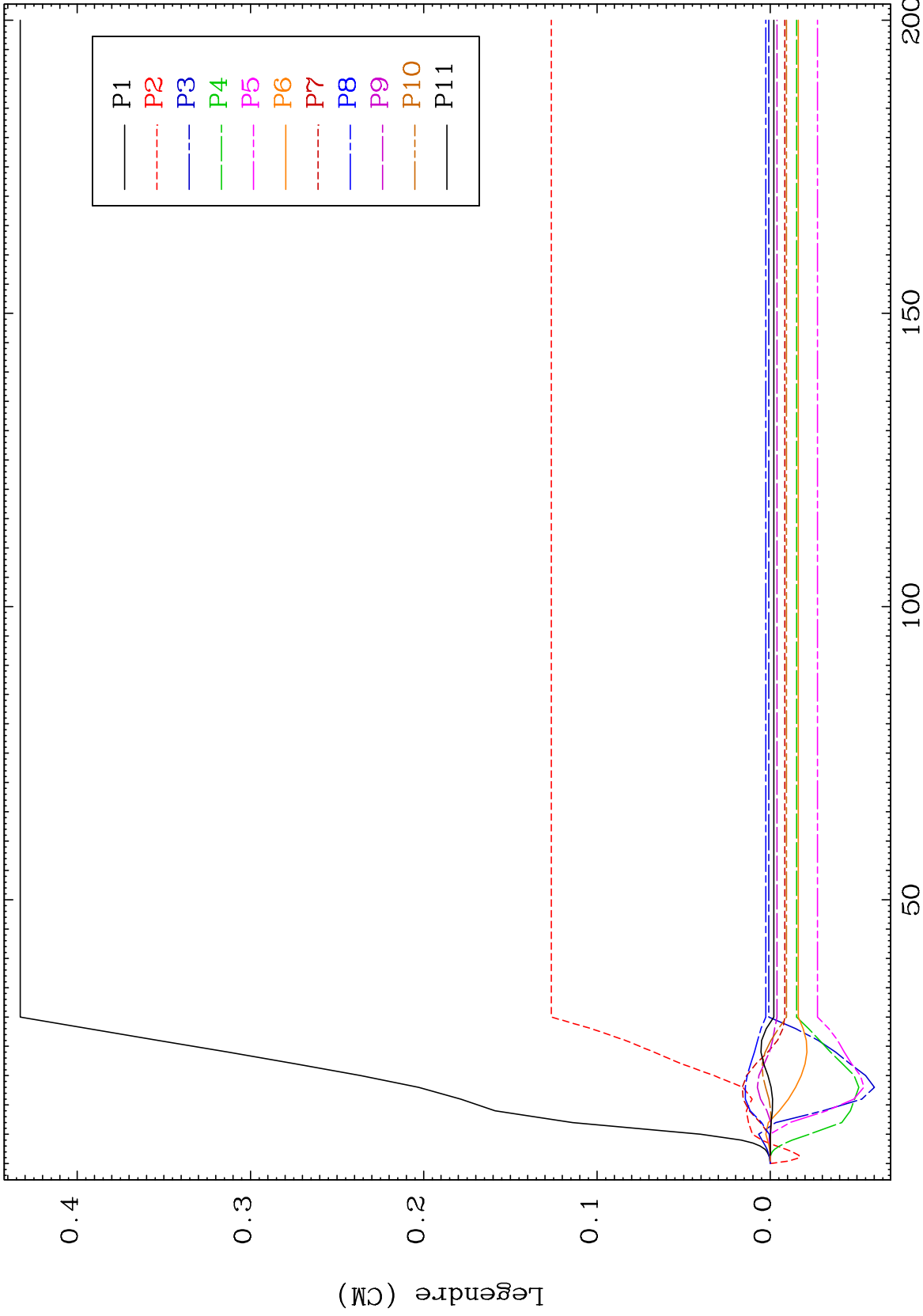
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



103

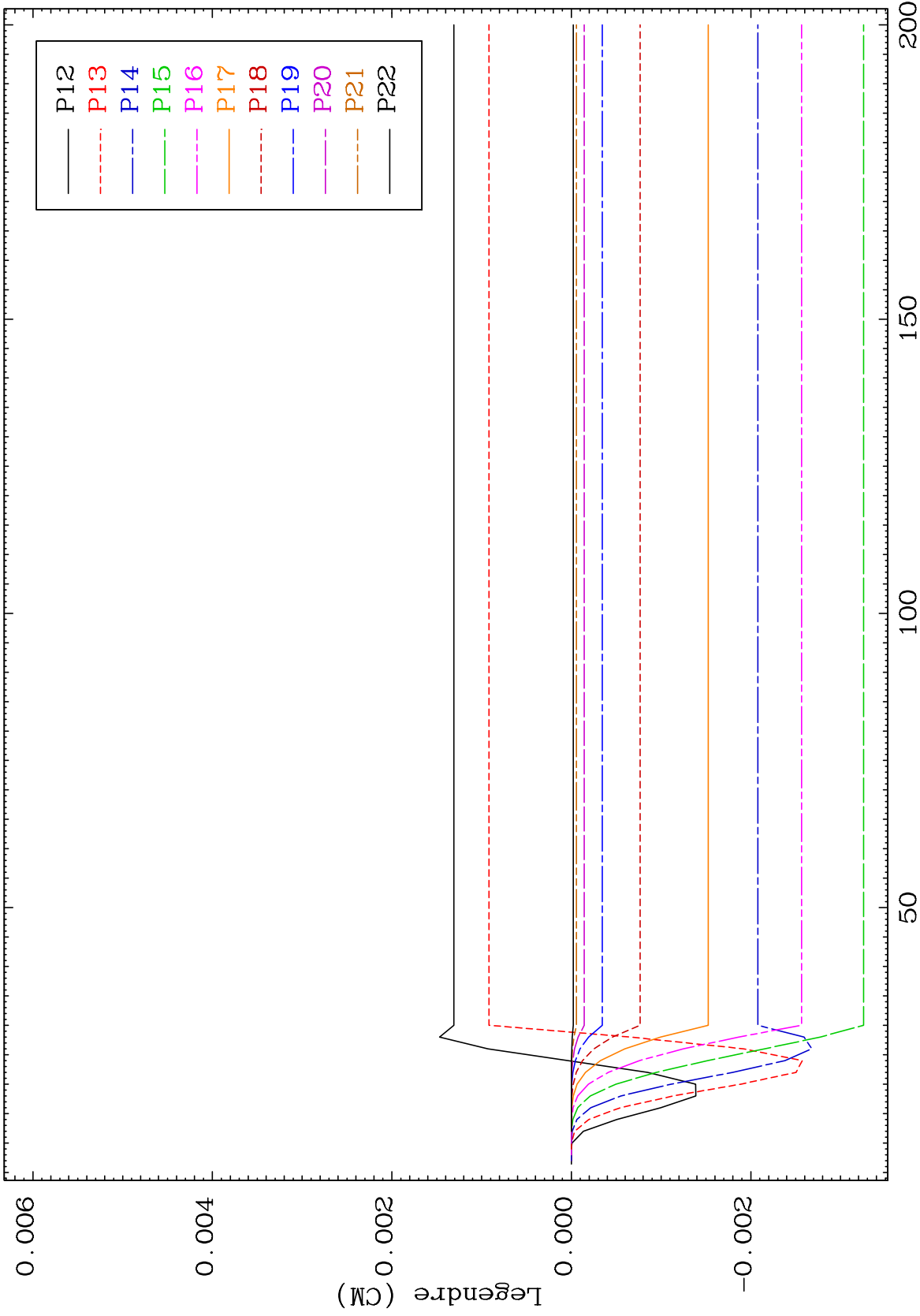
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



104

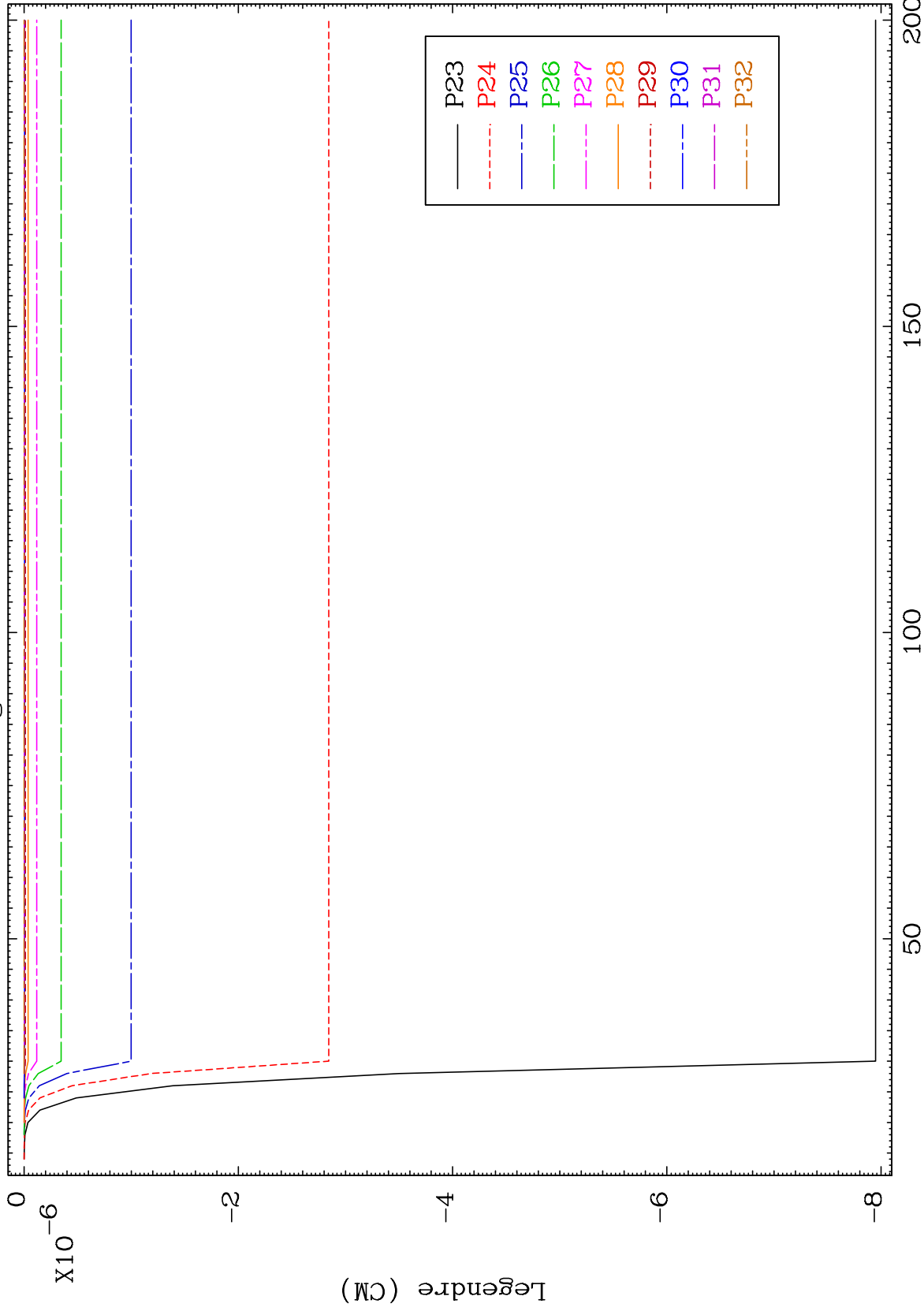
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



105

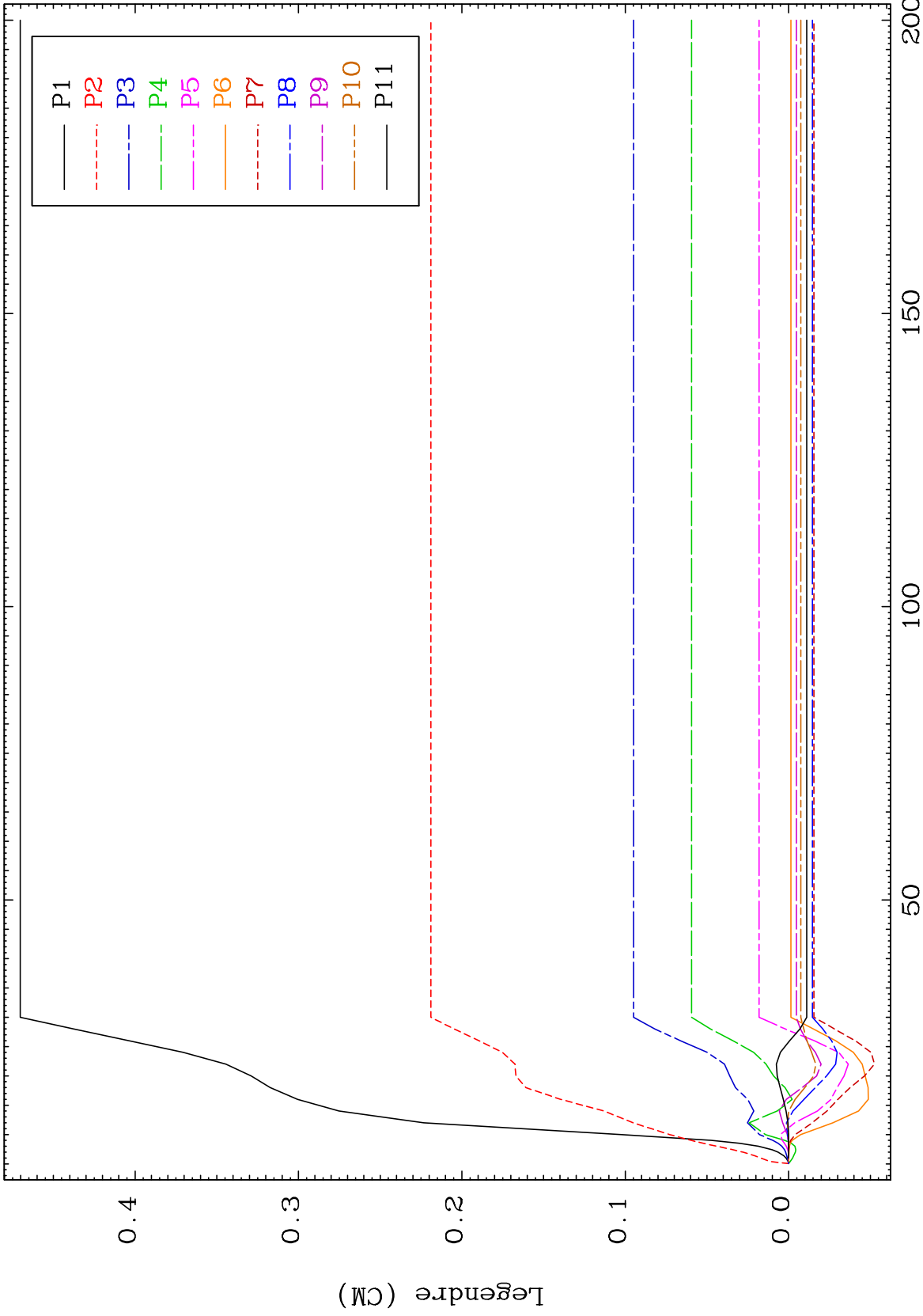
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66

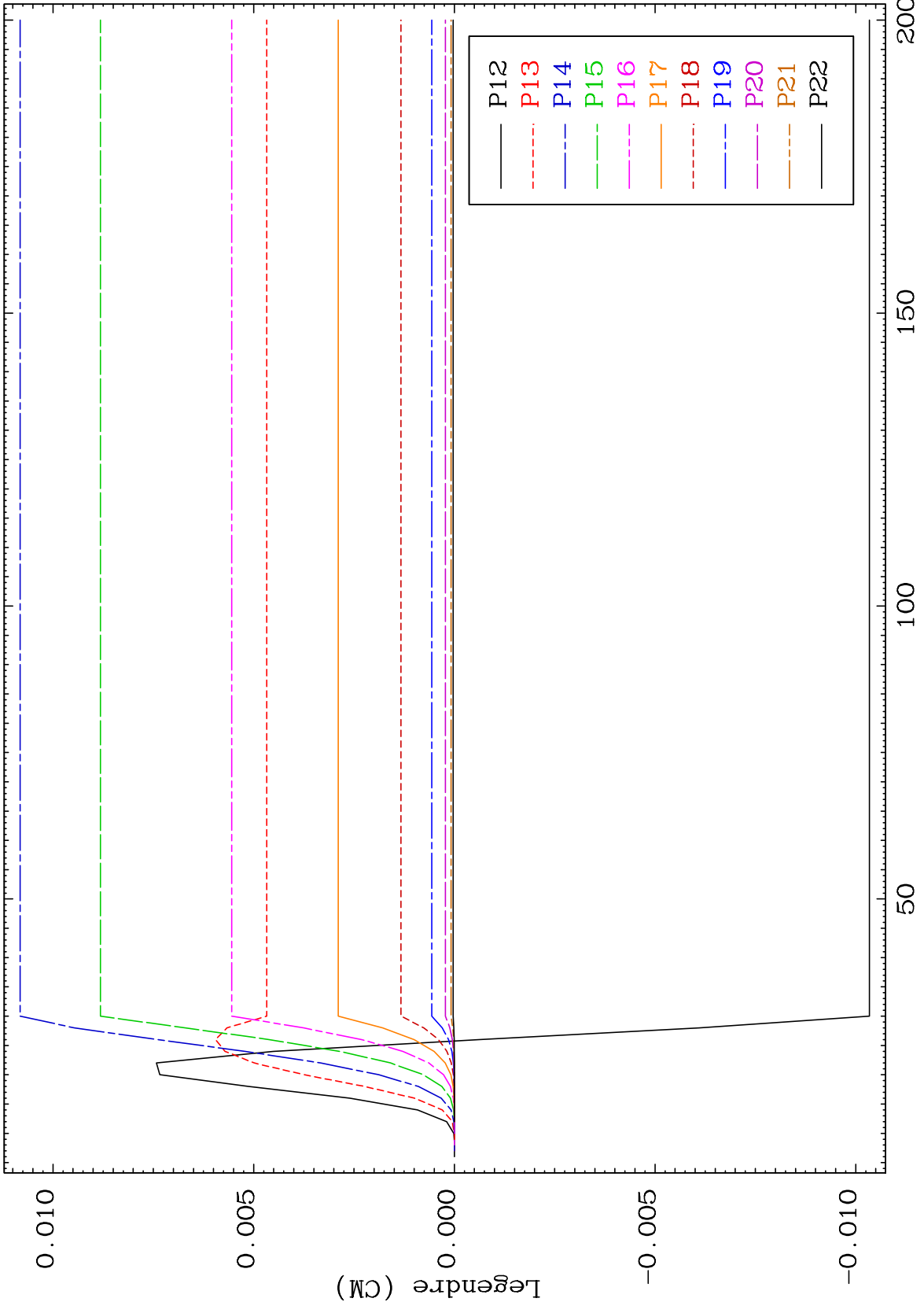


106

Incident Energy (MeV)

28-Ni-66

MAT 2849 MT= 80 (n,n') Level Legendre Coefficients 28-Ni-66

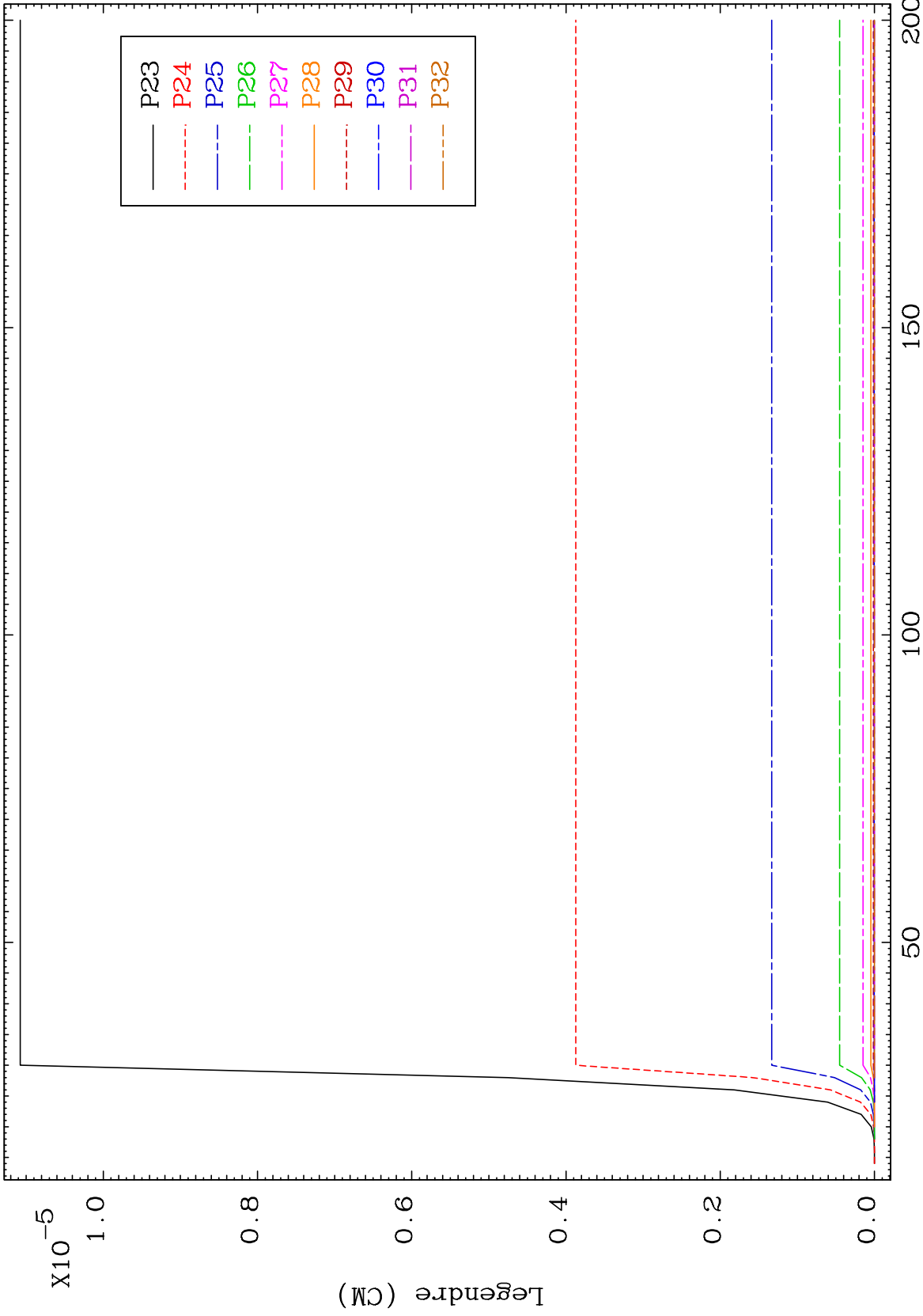


107 28-Ni-66

MAT 2849

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

28-Ni-66



108

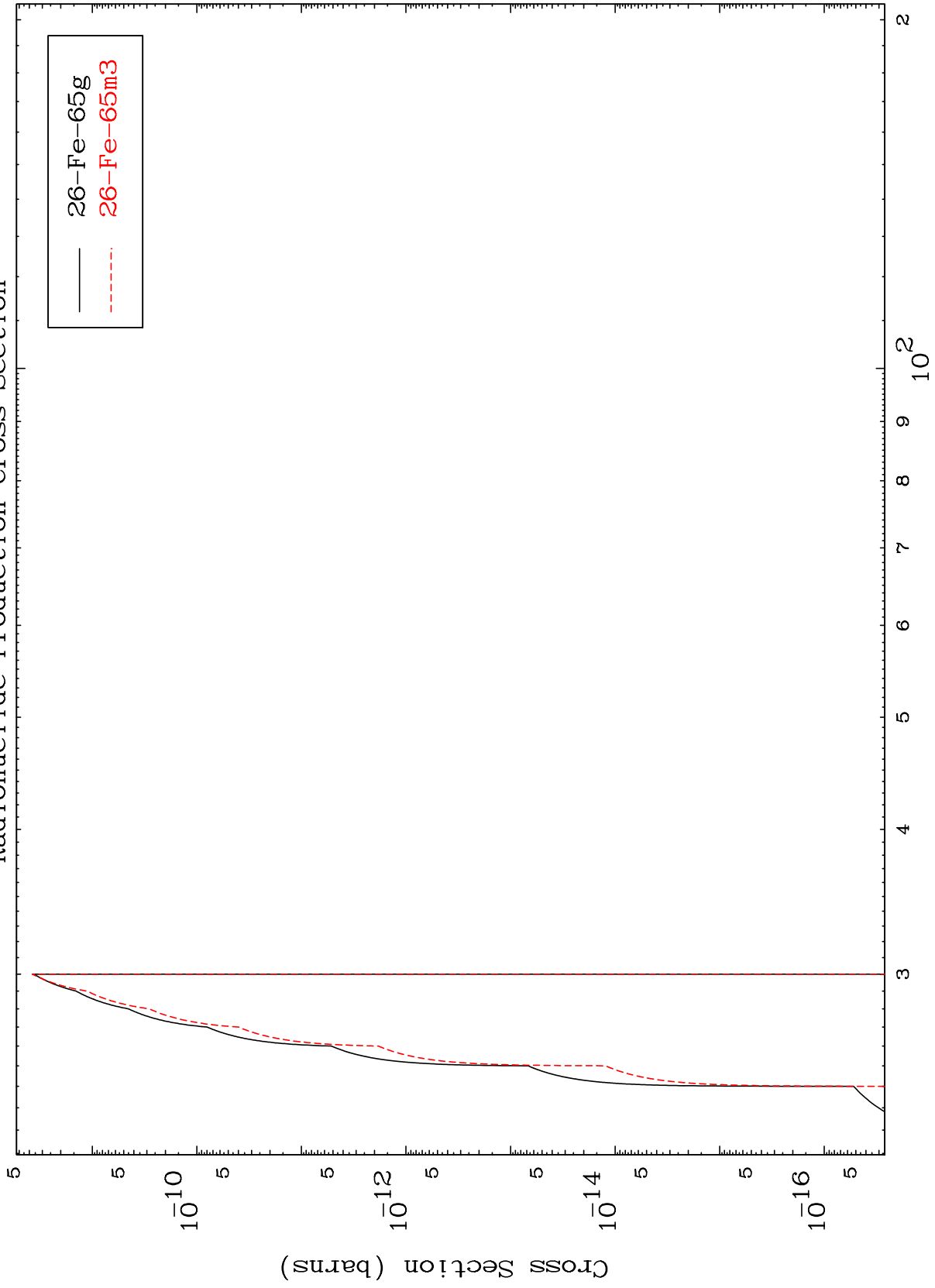
Incident Energy (MeV)

28-Ni-66

MAT 2849

²⁸Ni-66

(n,2p)
Radionuclide Production Cross Section



— 26-Fe-65g
- - - 26-Fe-65m3

109

²⁸Ni-66

Incident Energy (MeV)