

Program EVALPLOT  
(Version 2018-1)

by

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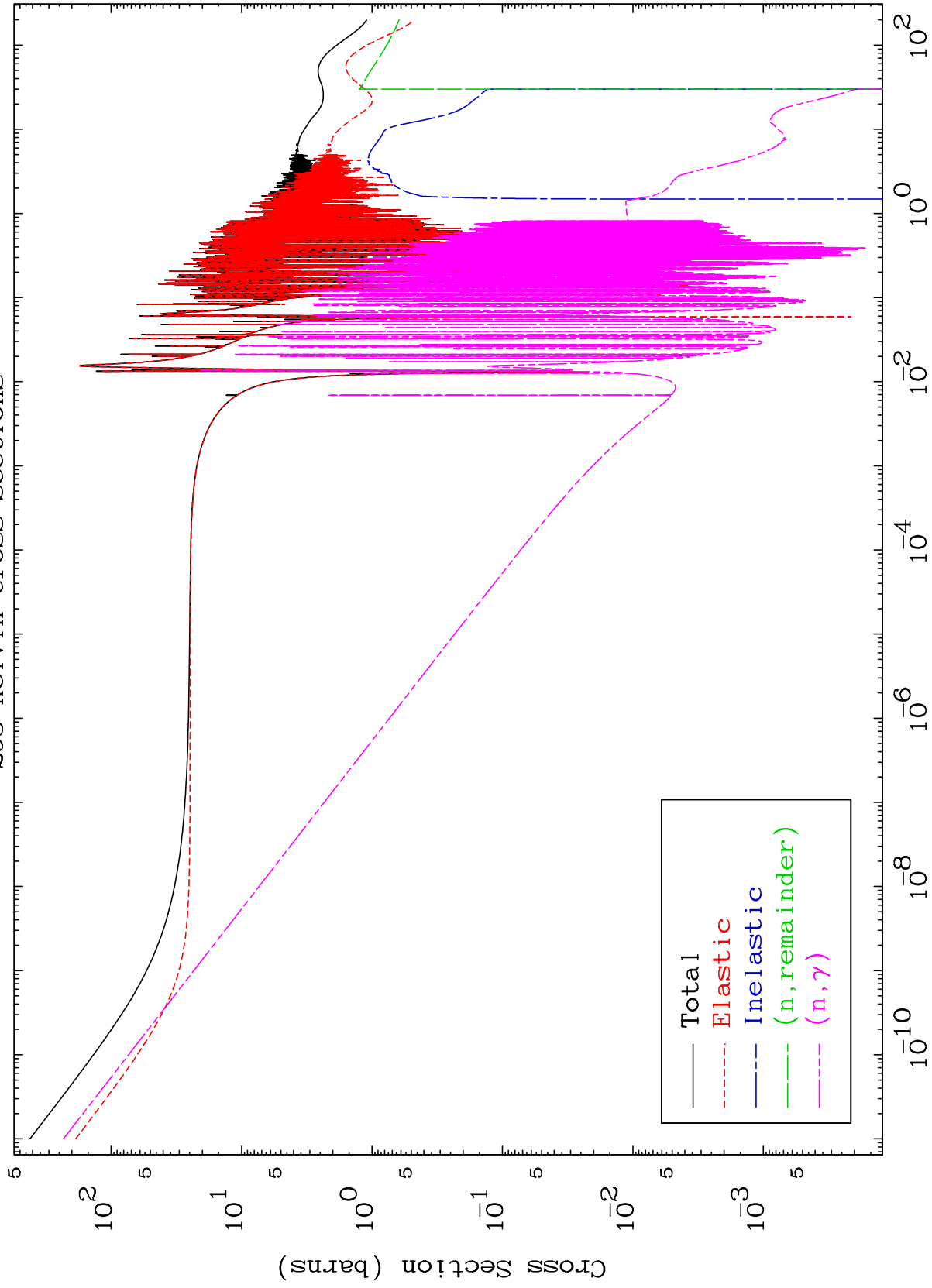
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2825

Major  
293 Kelvin Cross Sections

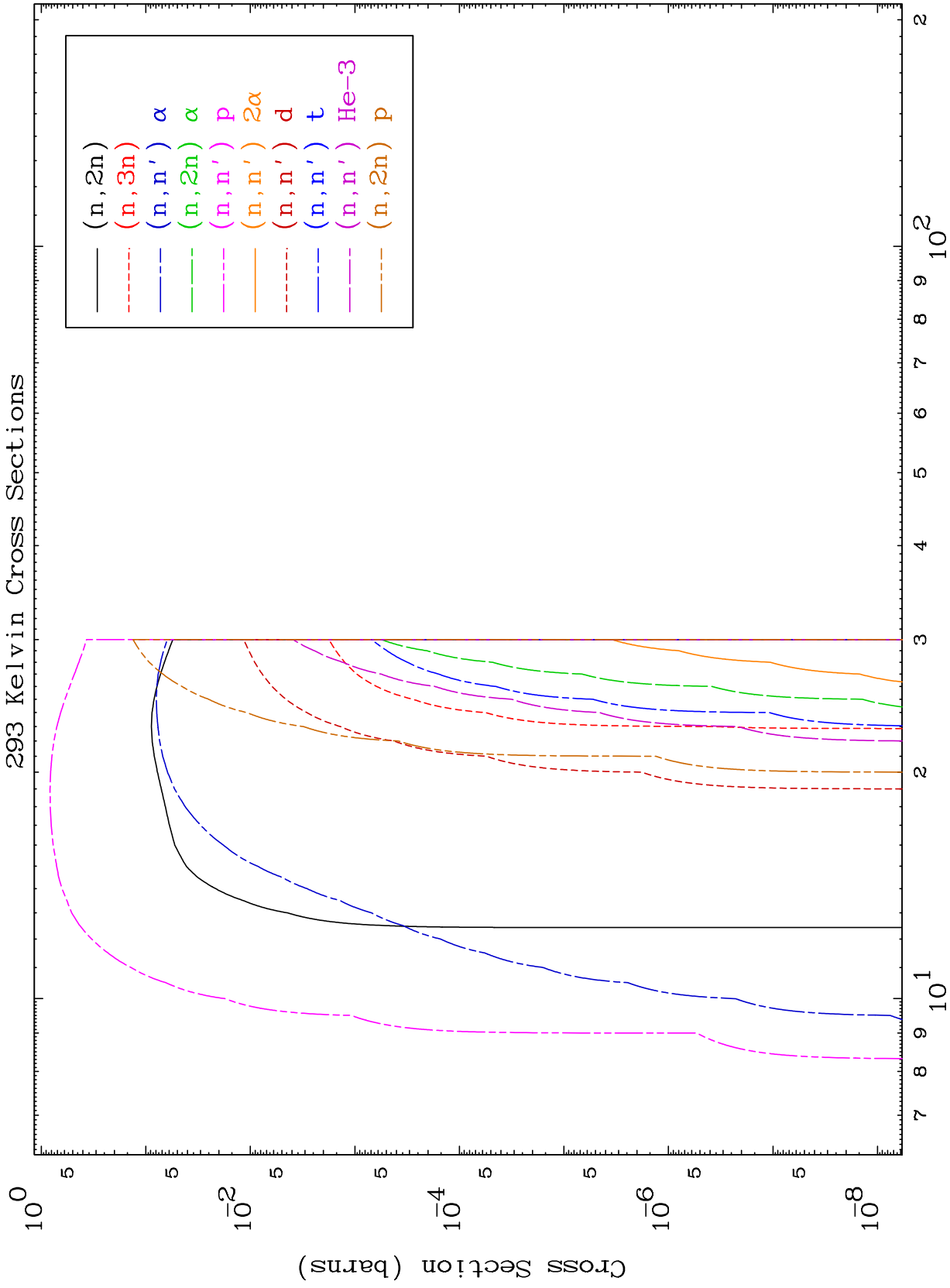
28-Ni-58



MAT 2825

Neutron Production  
293 Kelvin Cross Sections

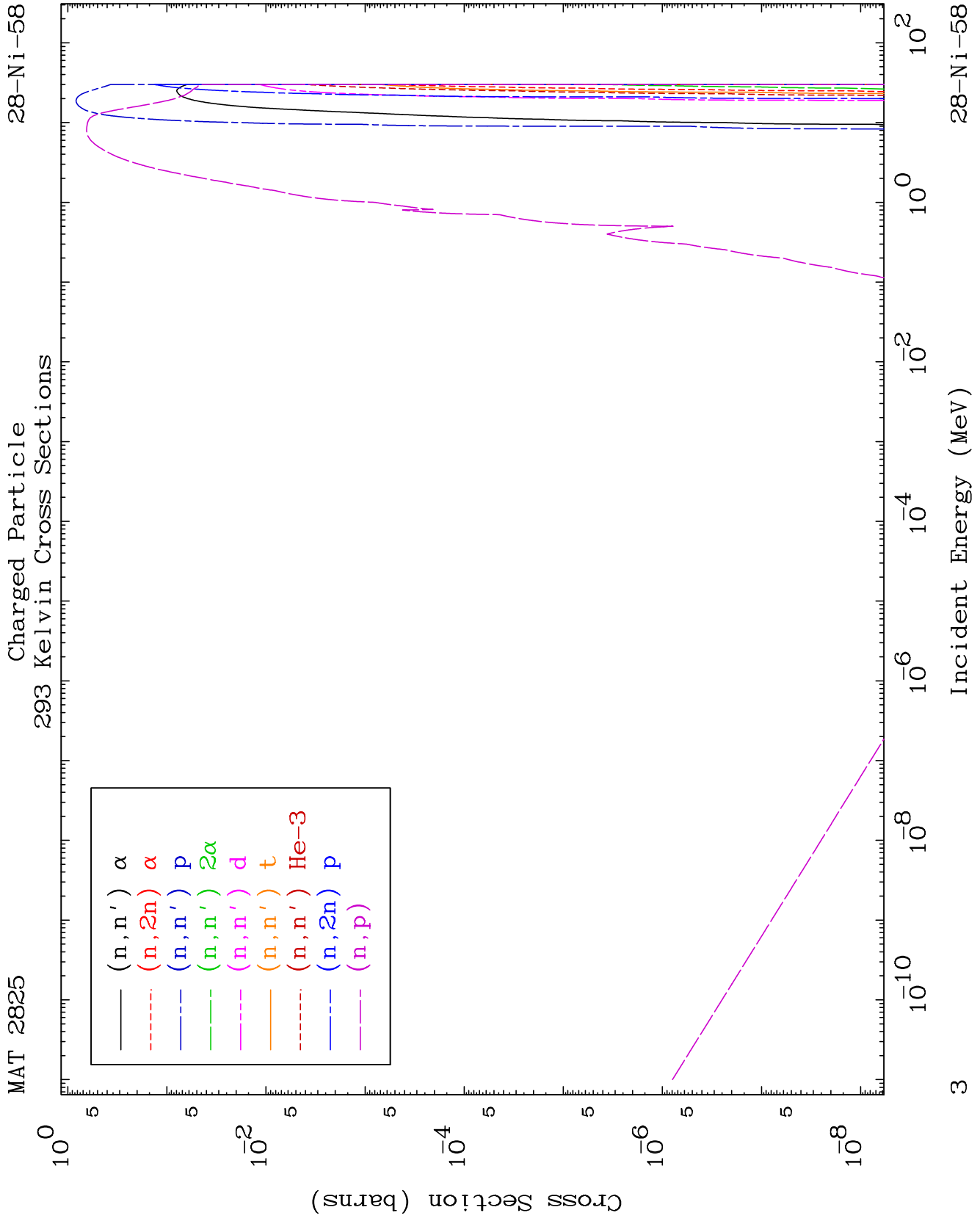
28-Ni-58



2

Incident Energy (MeV)

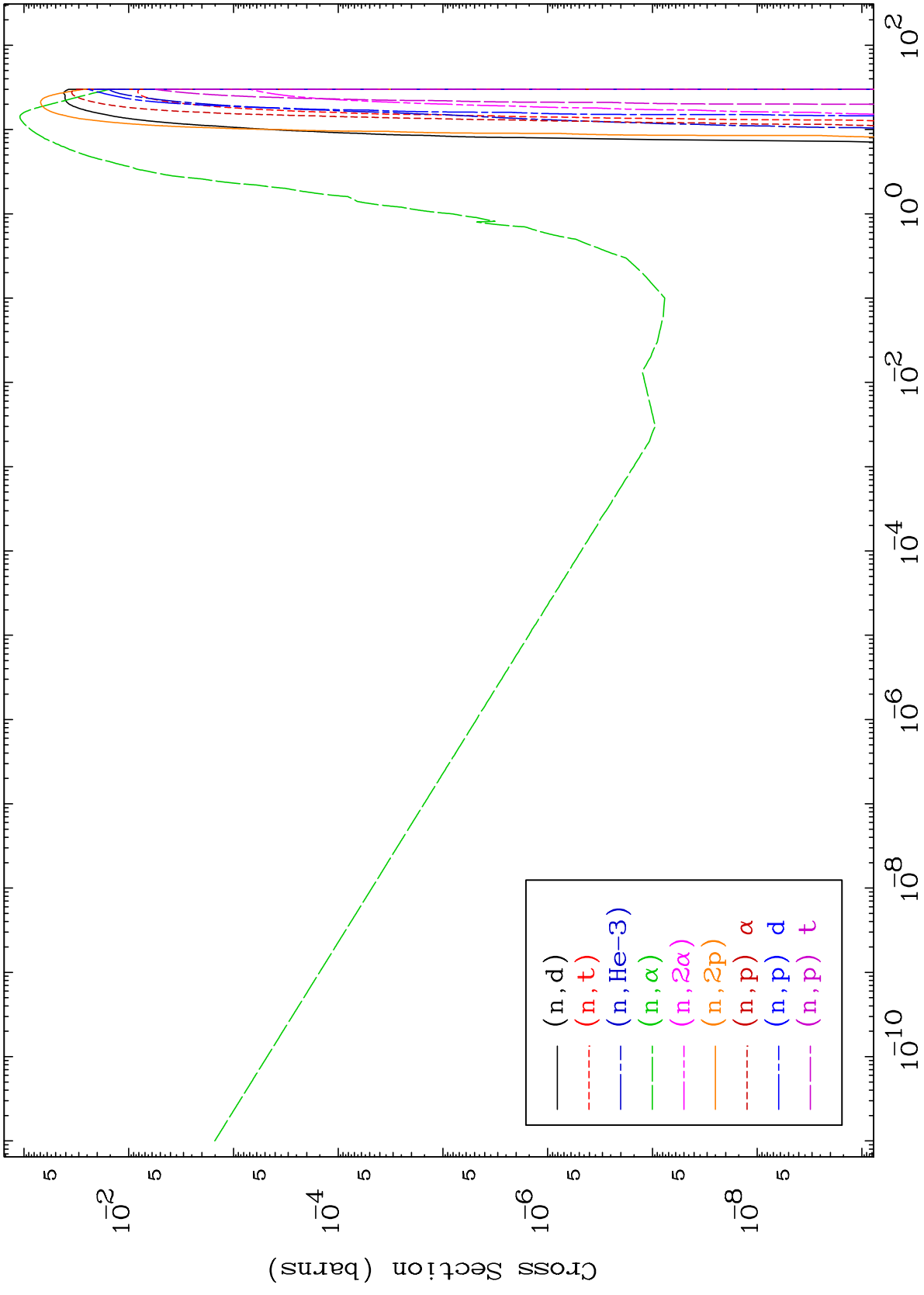
28-Ni-58



MAT 2825

Charged Particle  
293 Kelvin Cross Sections

28-Ni-58

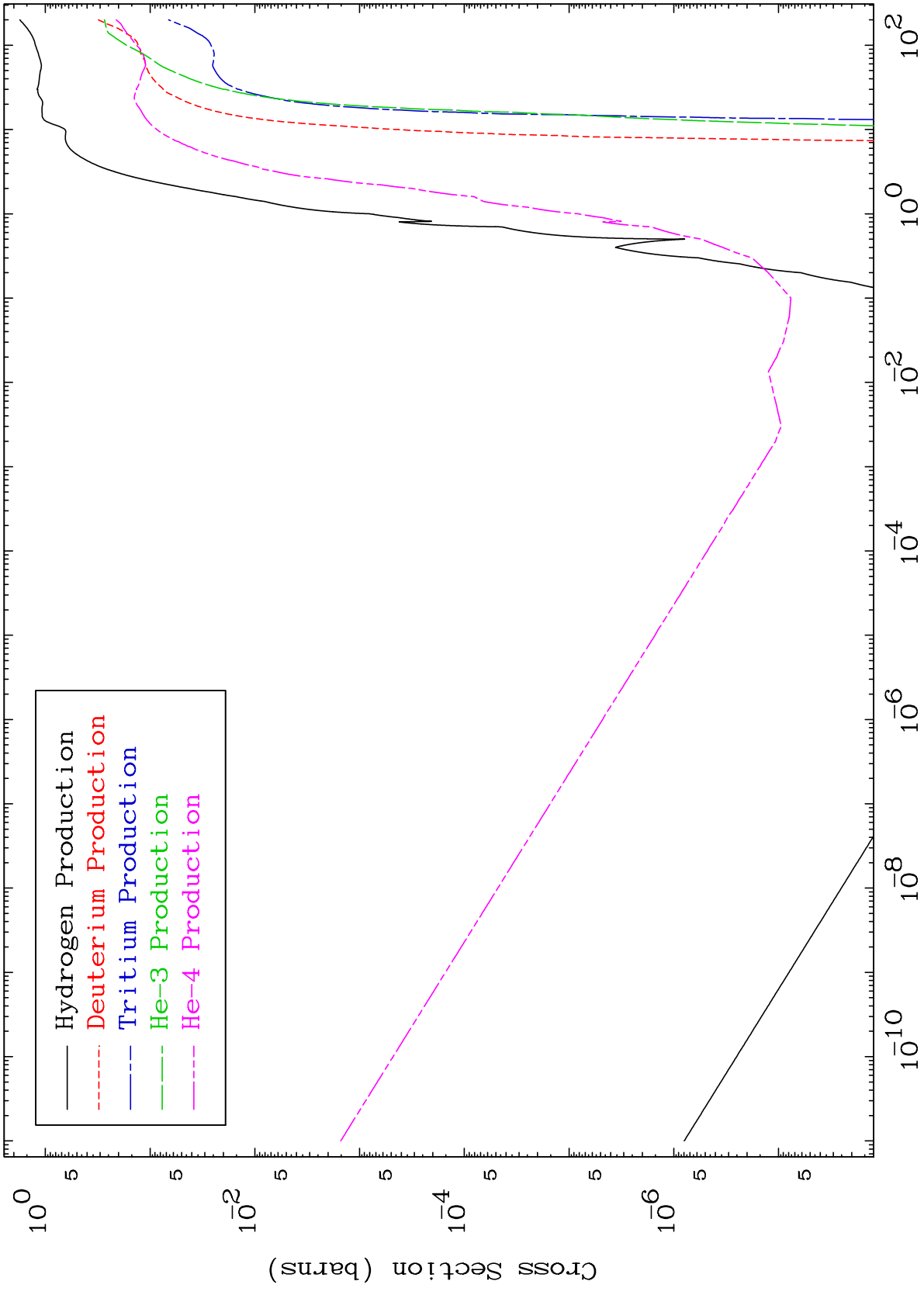


28-Ni-58

MAT 2825

Particle Production  
293 Kelvin Cross Sections

28-Ni-58



5

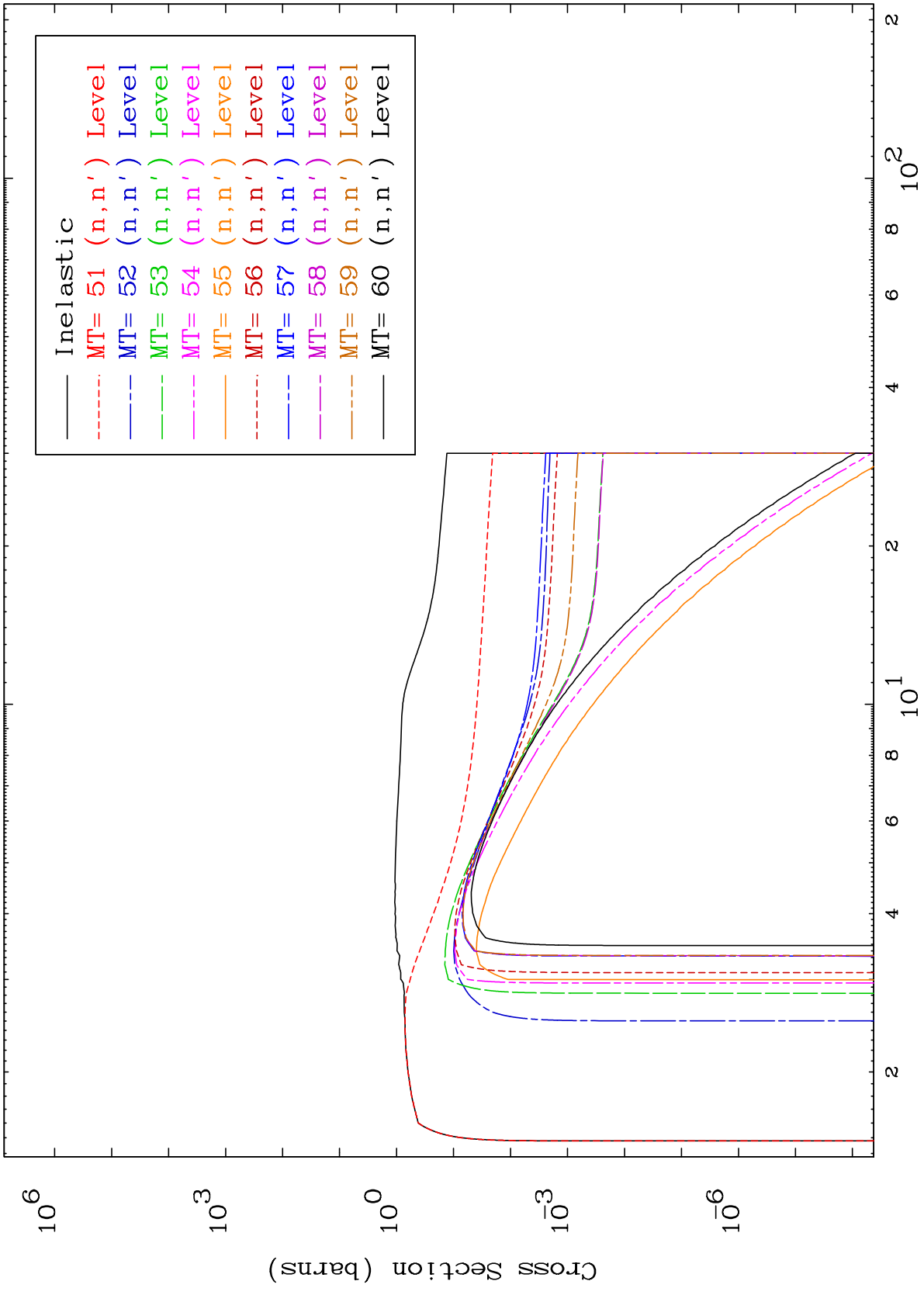
28-Ni-58

MAT 2825

(n,n') Level

28-Ni-58

293 Kelvin Cross Sections



6

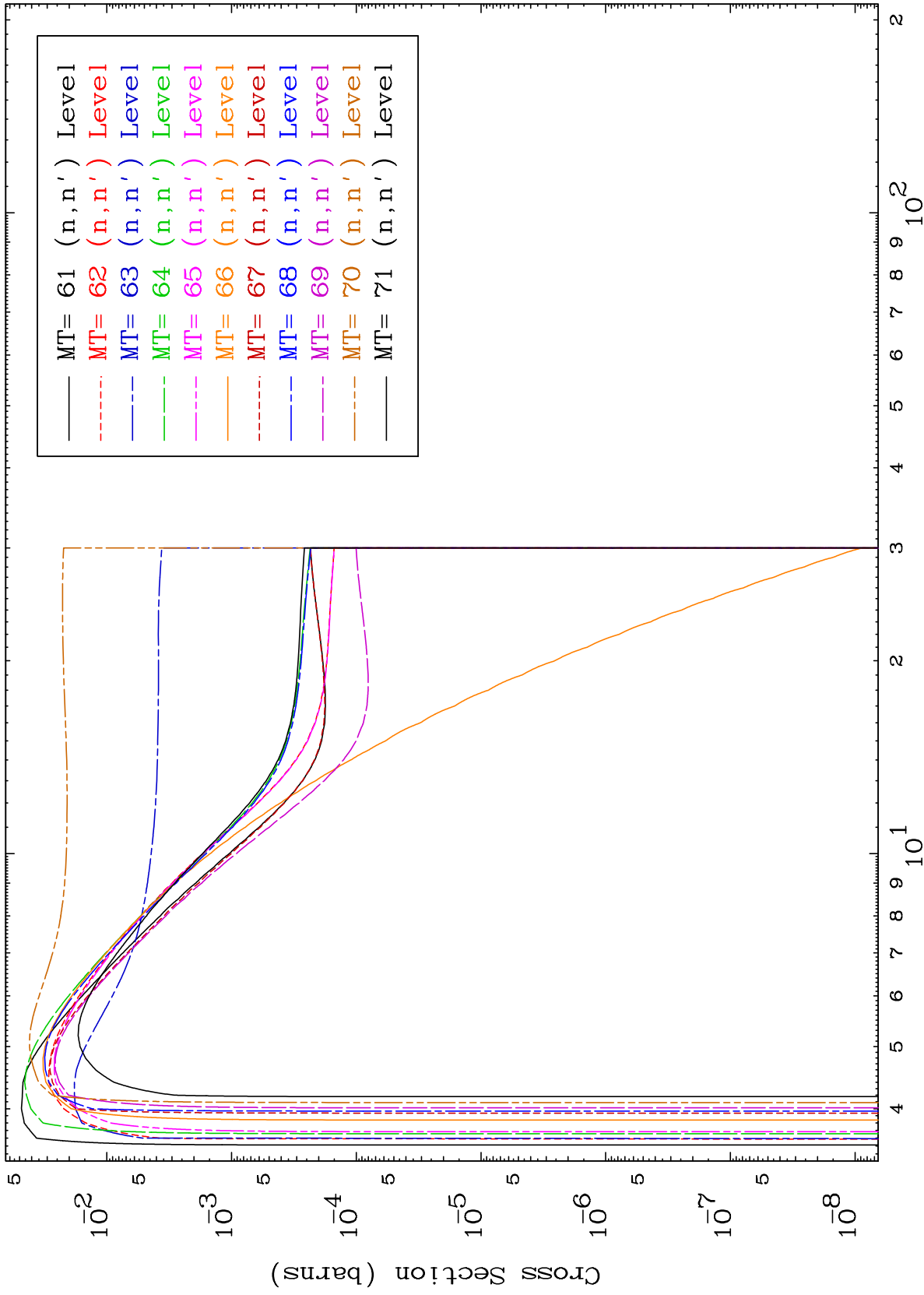
Incident Energy (MeV)

28-Ni-58

MAT 2825

(n,n') Level  
293 Kelvin Cross Sections

28-Ni-58



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Incident Energy (MeV)

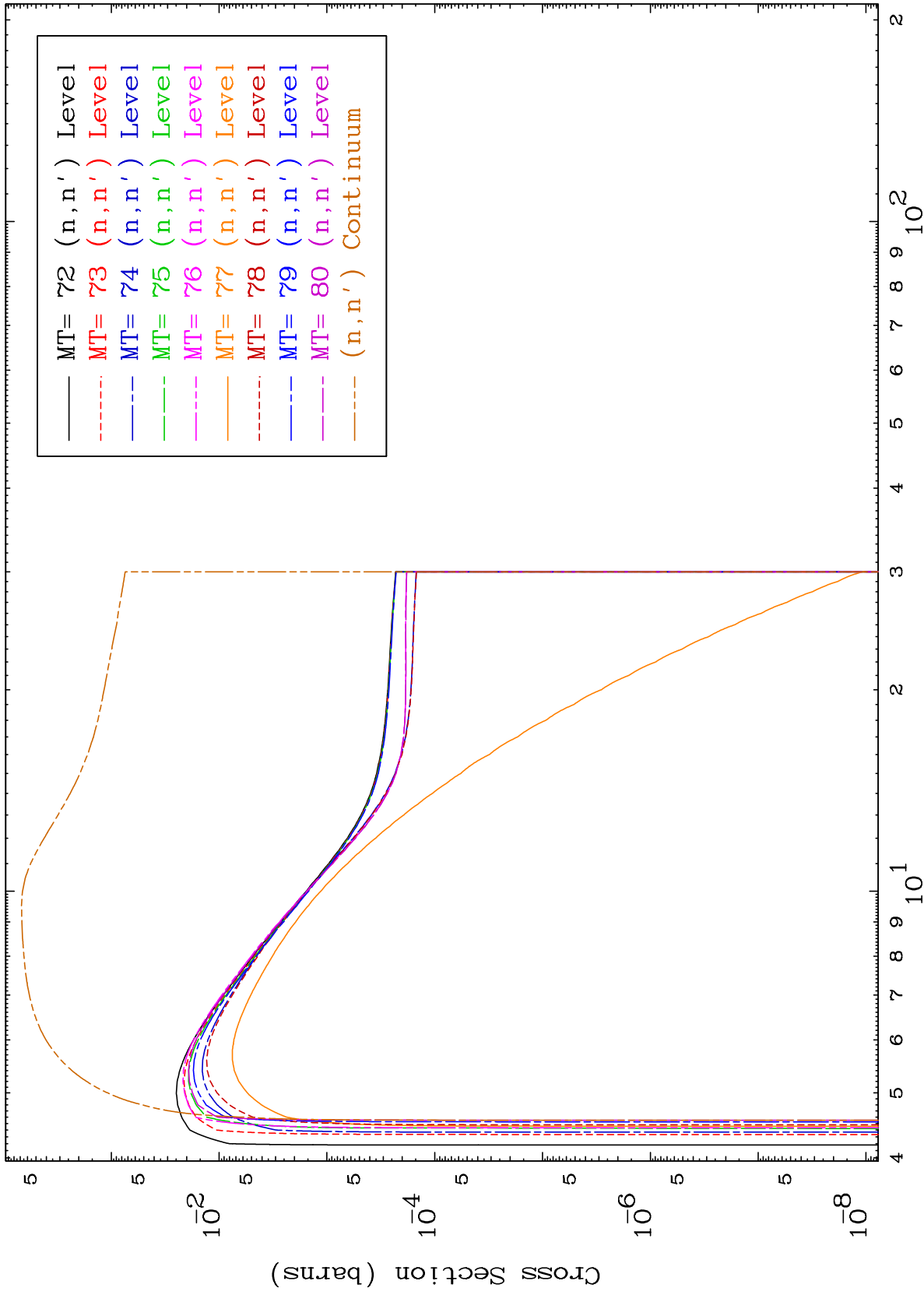
28-Ni-58



MAT 2825

(n,n') Level  
293 Kelvin Cross Sections

28-Ni-58



8

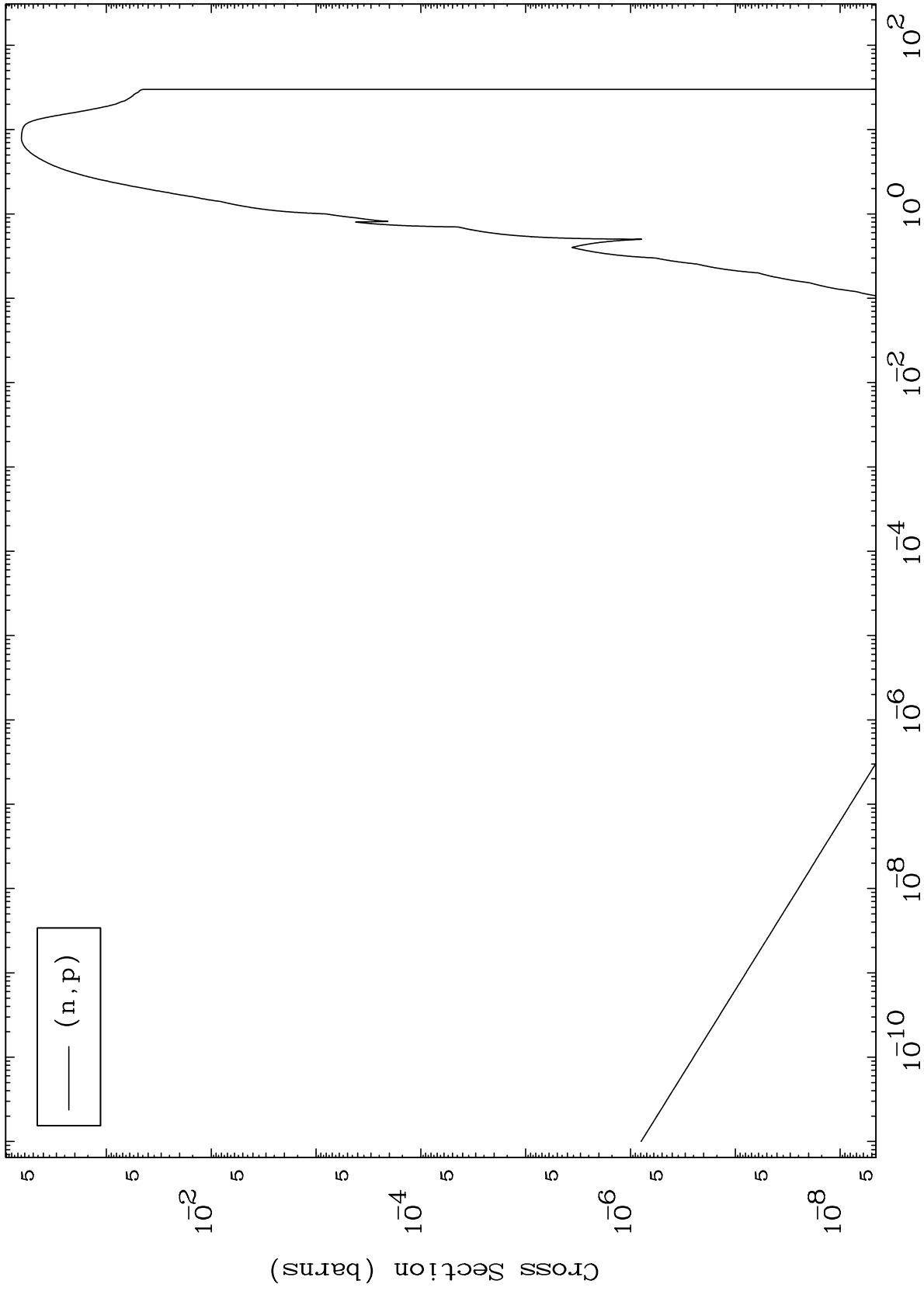
Incident Energy (MeV)

28-Ni-58

MAT 2825

(n,p) Levels  
293 Kelvin Cross Sections

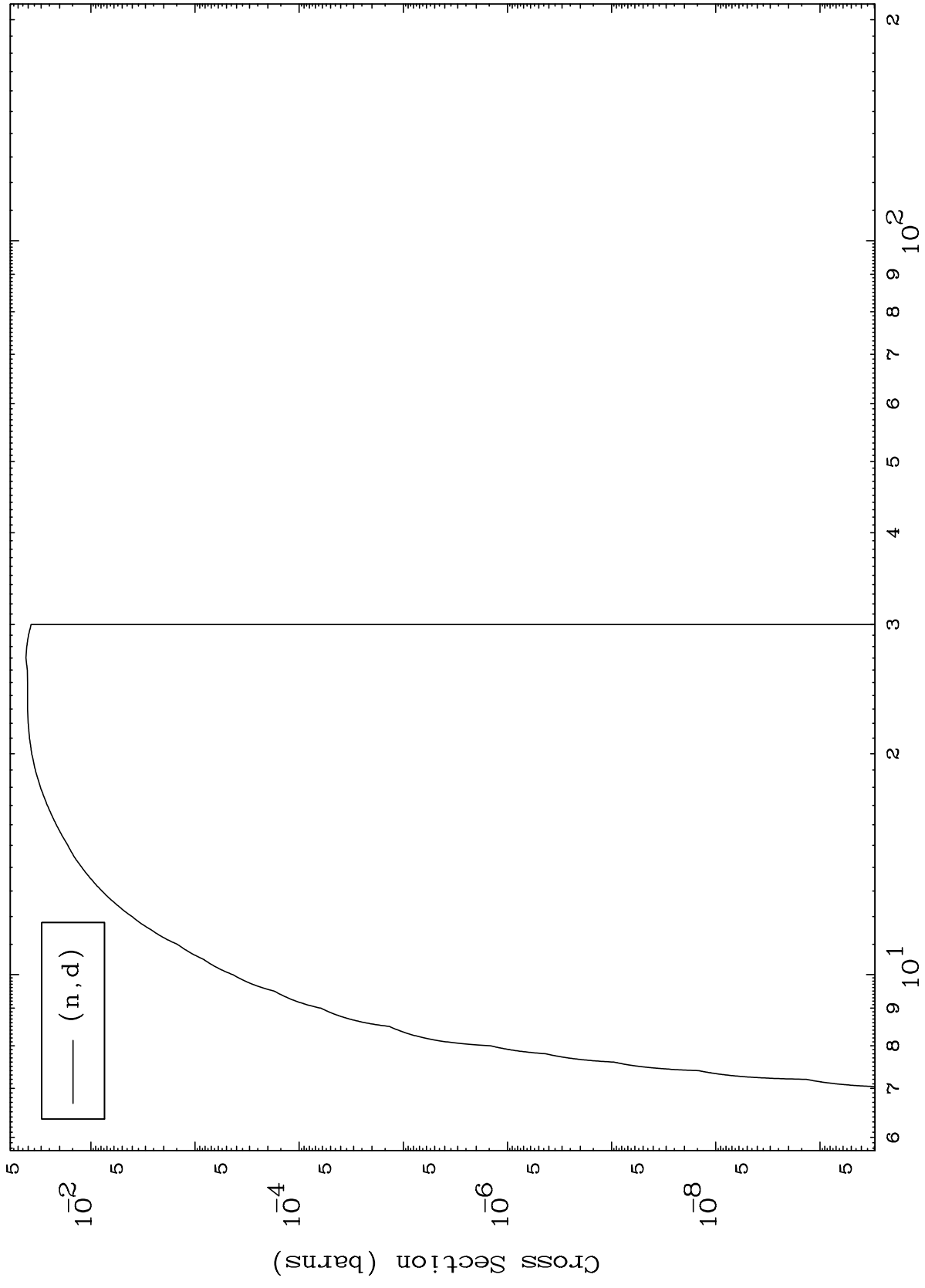
28-Ni-58



MAT 2825

(n,d) Levels  
293 Kelvin Cross Sections

28-Ni-58



10

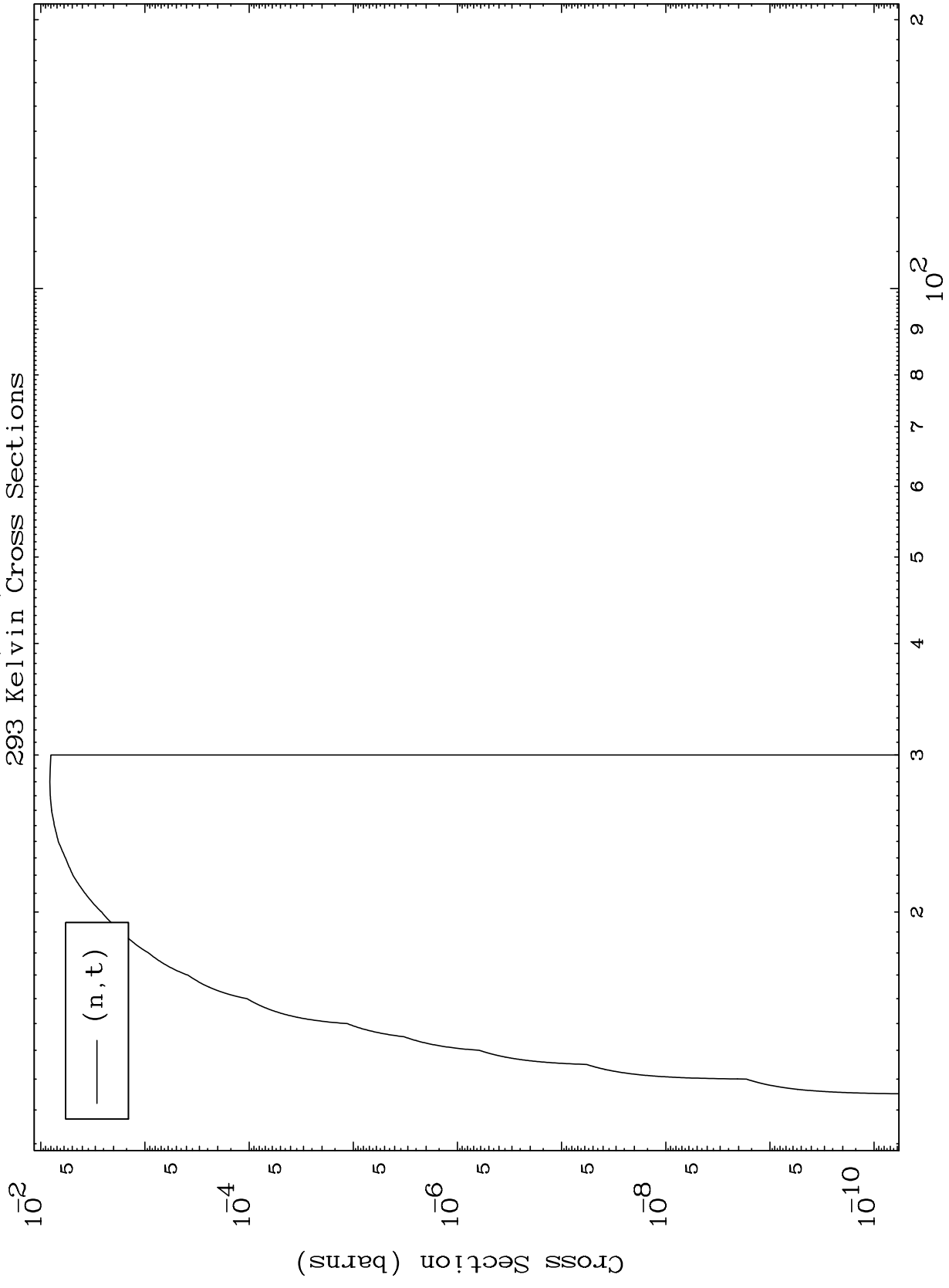
Incident Energy (MeV)

28-Ni-58

MAT 2825

(n,t) Levels  
293 Kelvin Cross Sections

28-Ni-58



11

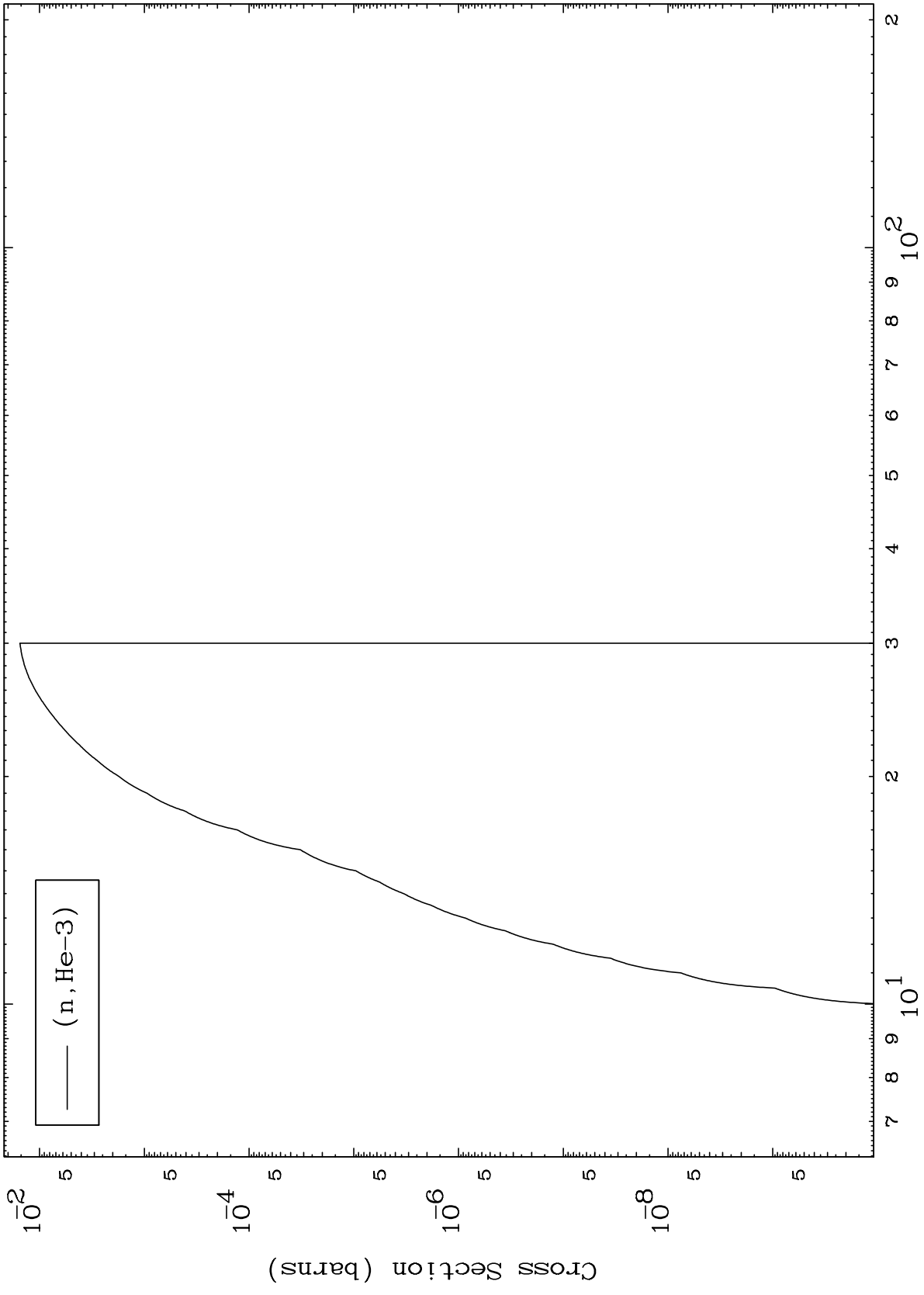
Incident Energy (MeV)

28-Ni-58

MAT 2825

(n,He3) Levels  
293 Kelvin Cross Sections

28-Ni-58



12

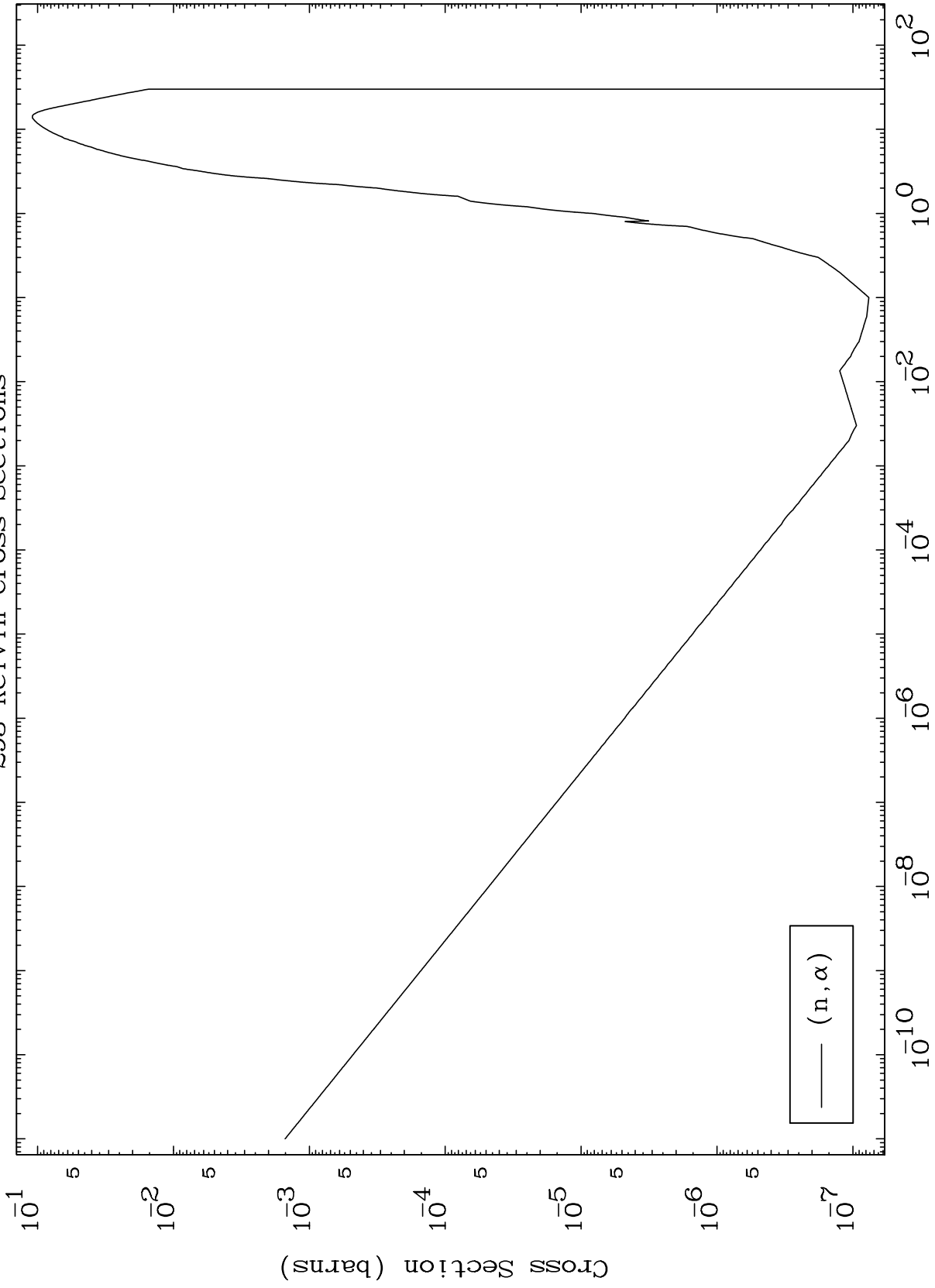
Incident Energy (MeV)

28-Ni-58

MAT 2825

(n,α) Levels  
293 Kelvin Cross Sections

28-Ni-58

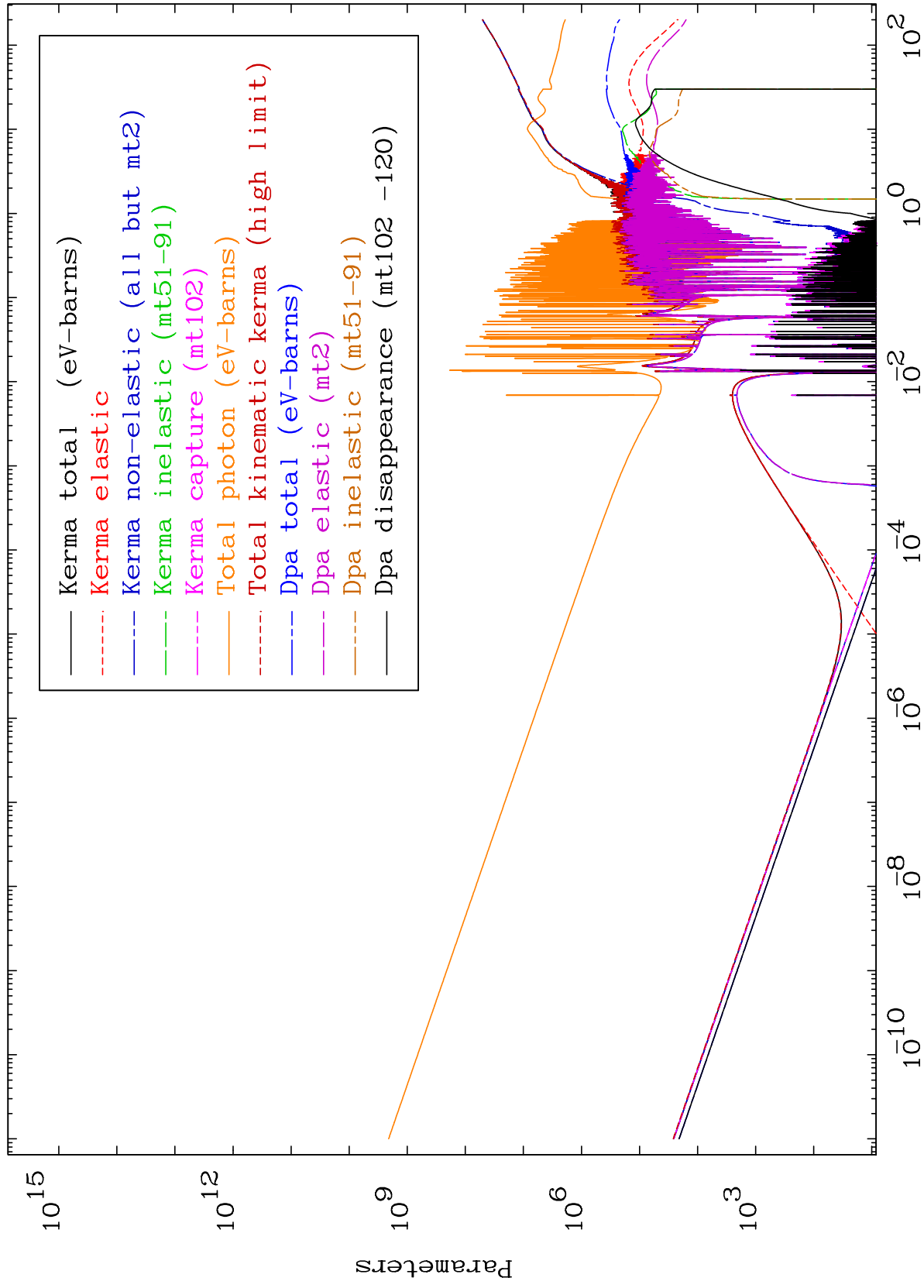


13

Incident Energy (MeV)

28-Ni-58

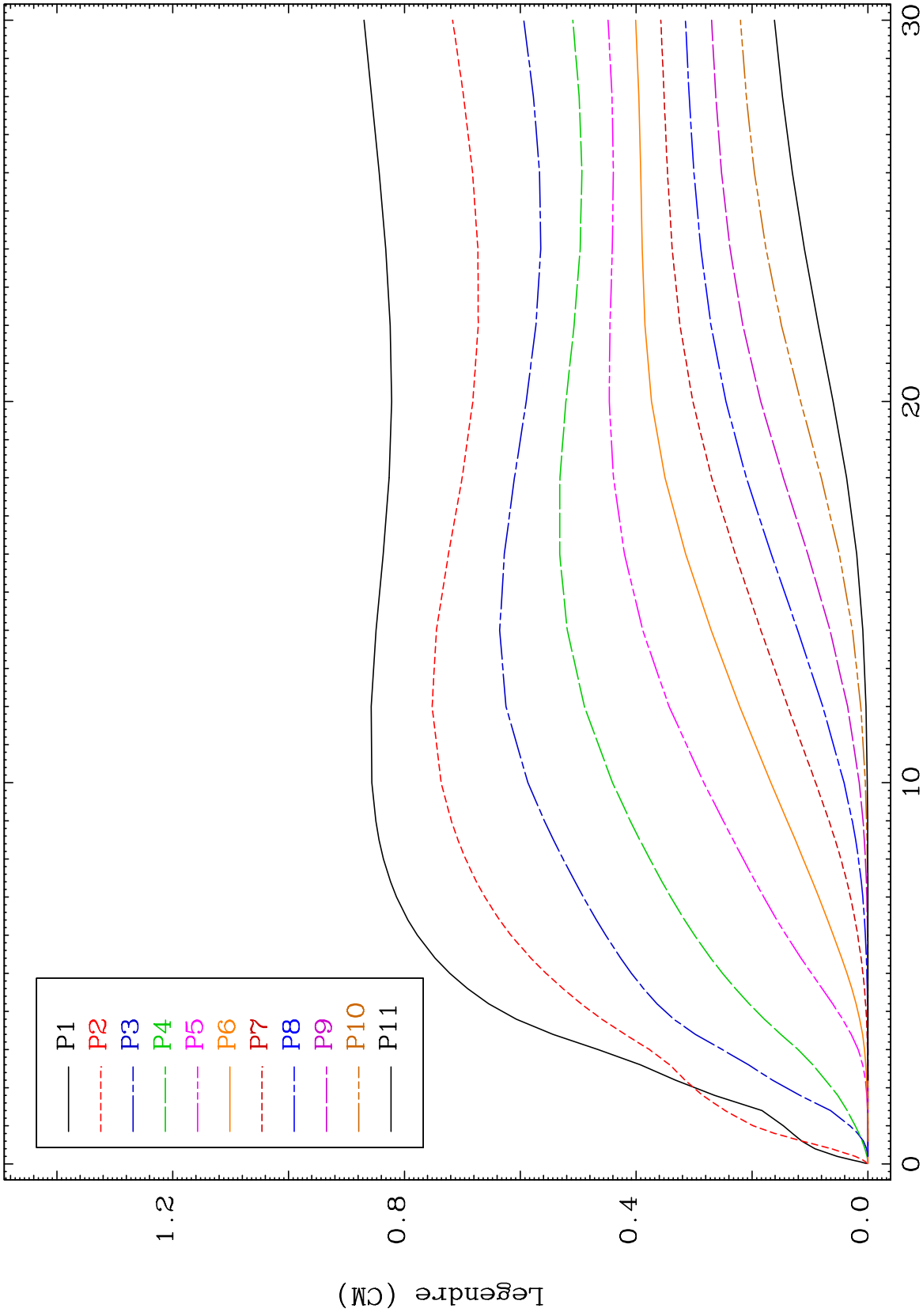
(n,α)



MAT 2825

Elastic Legendre Coefficients

28-Ni-58



15

Incident Energy (MeV)

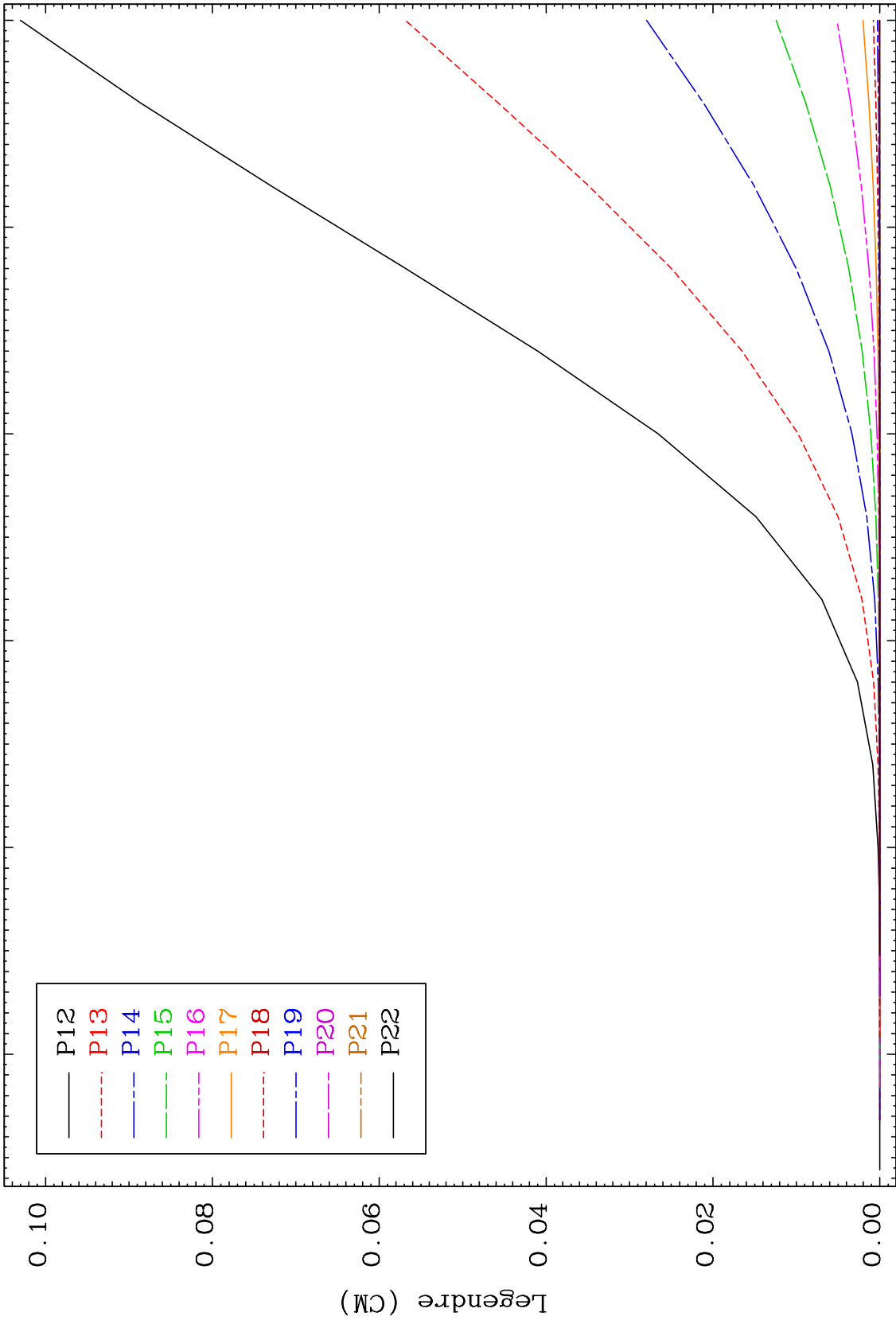
28-Ni-58



MAT 2825

Elastic Legendre Coefficients

<sup>28</sup>Ni-58



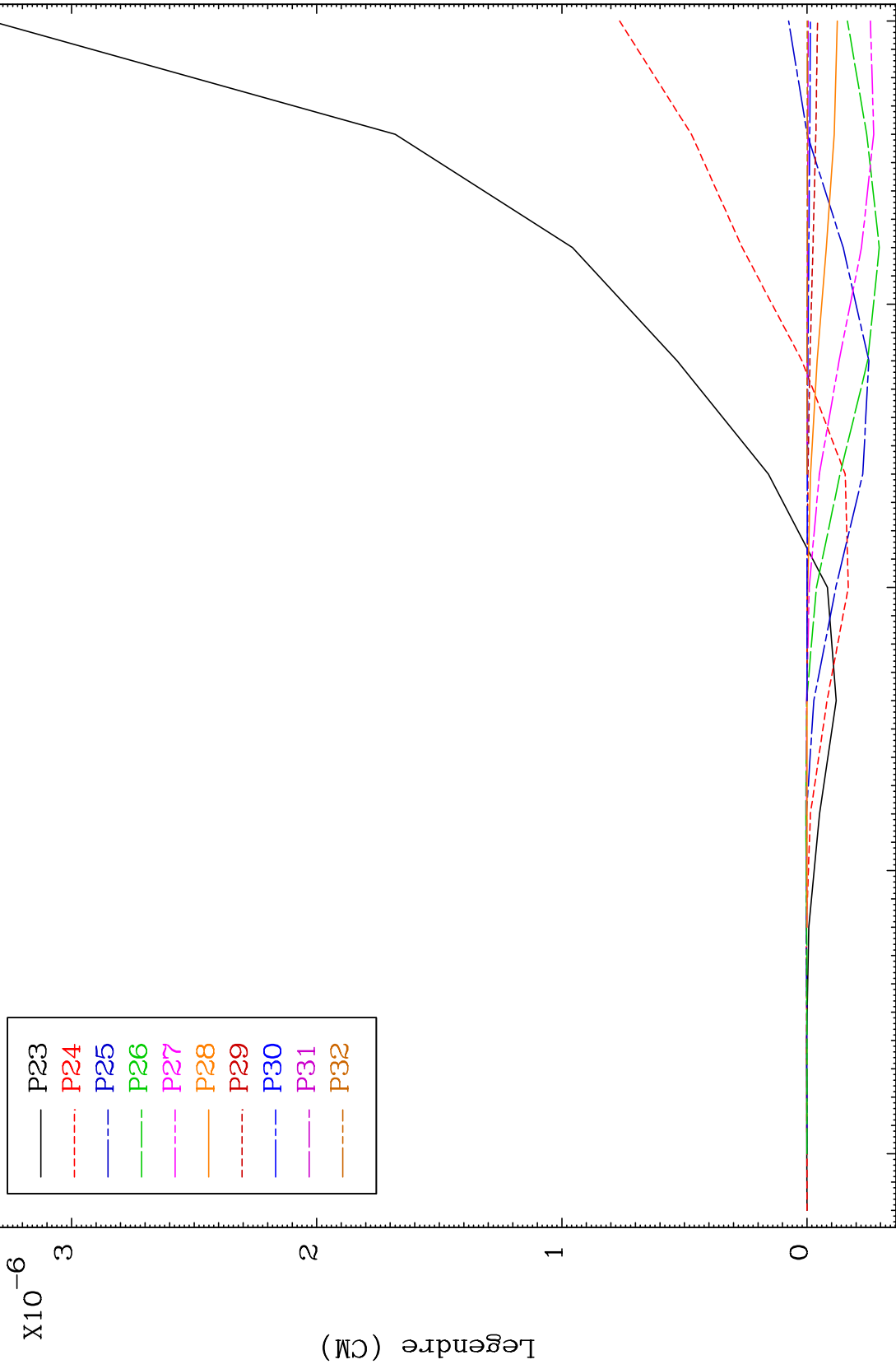
16

<sup>28</sup>Ni-58

MAT 2825

Elastic Legendre Coefficients

<sup>28</sup>Ni-58



17

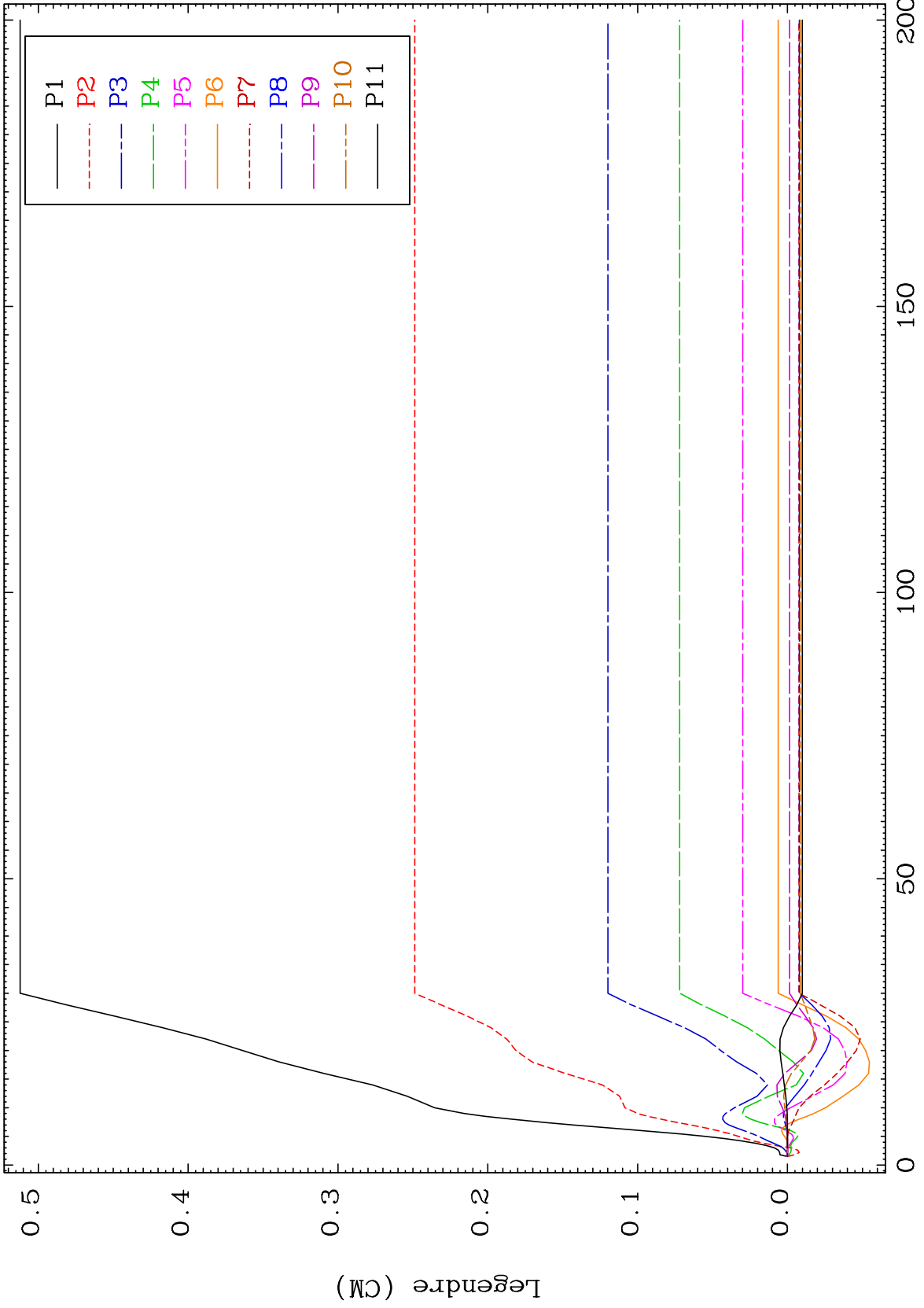
Incident Energy (MeV)

<sup>28</sup>Ni-58

MAT 2825

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

28-Ni-58



18

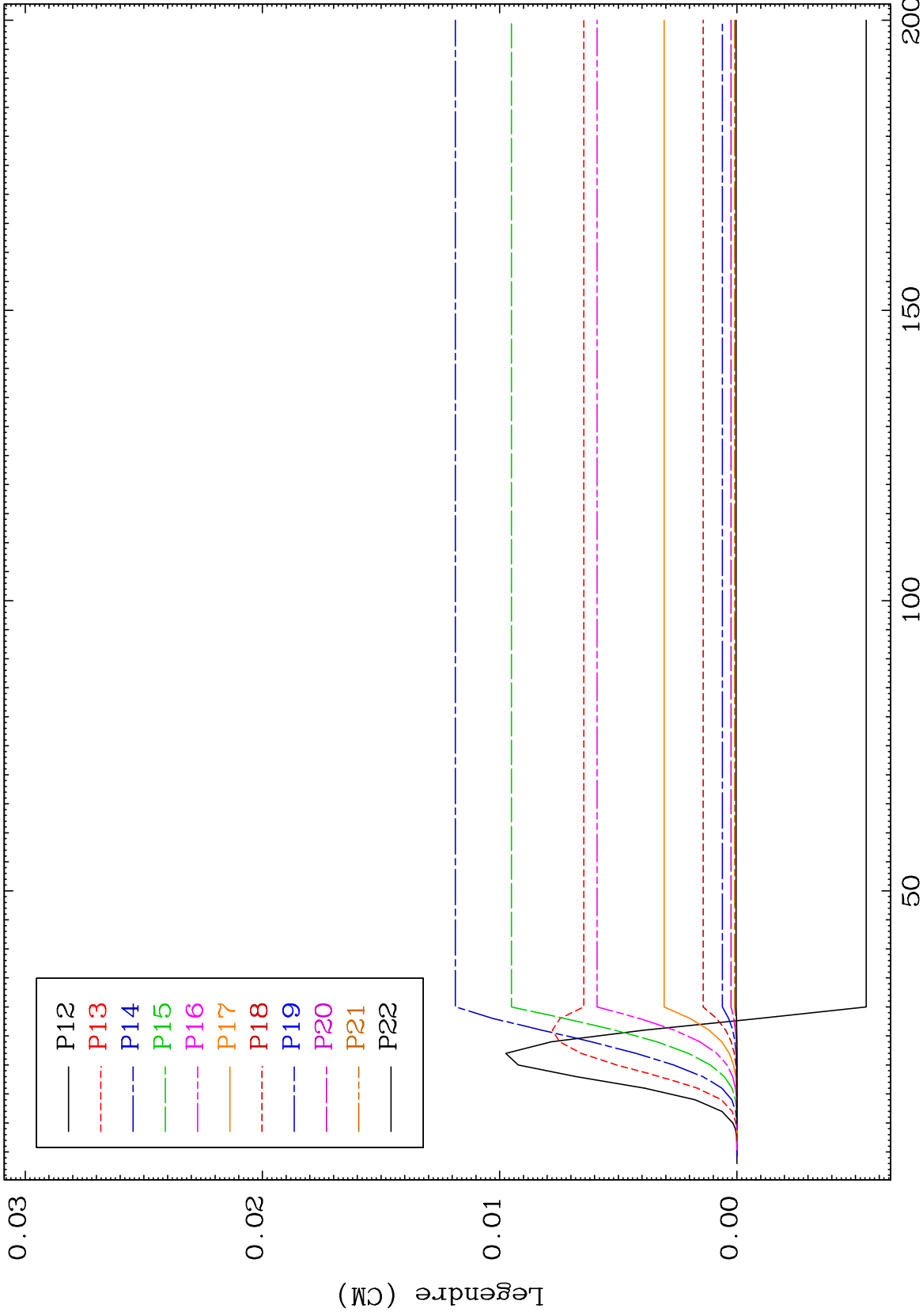
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



19

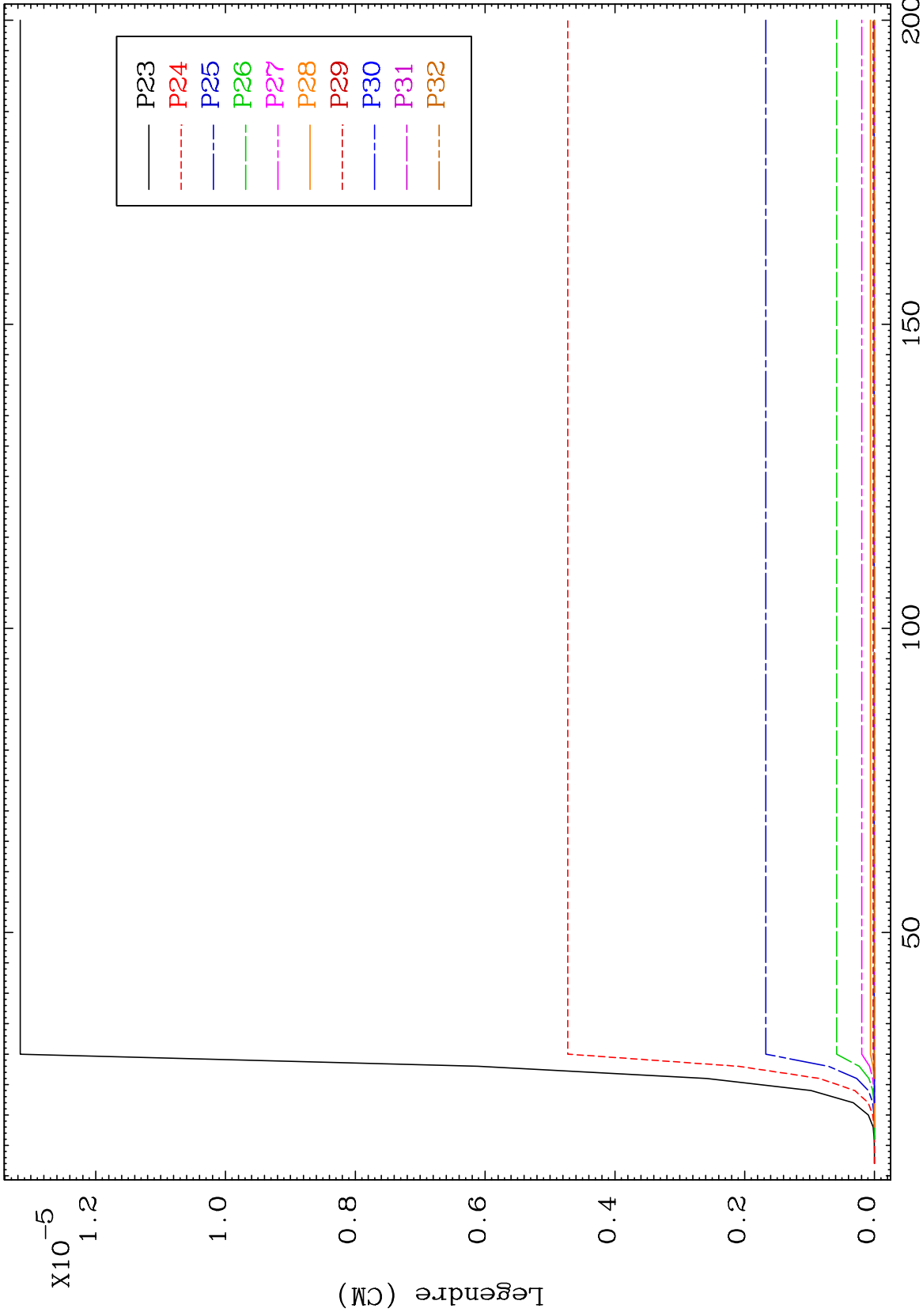
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

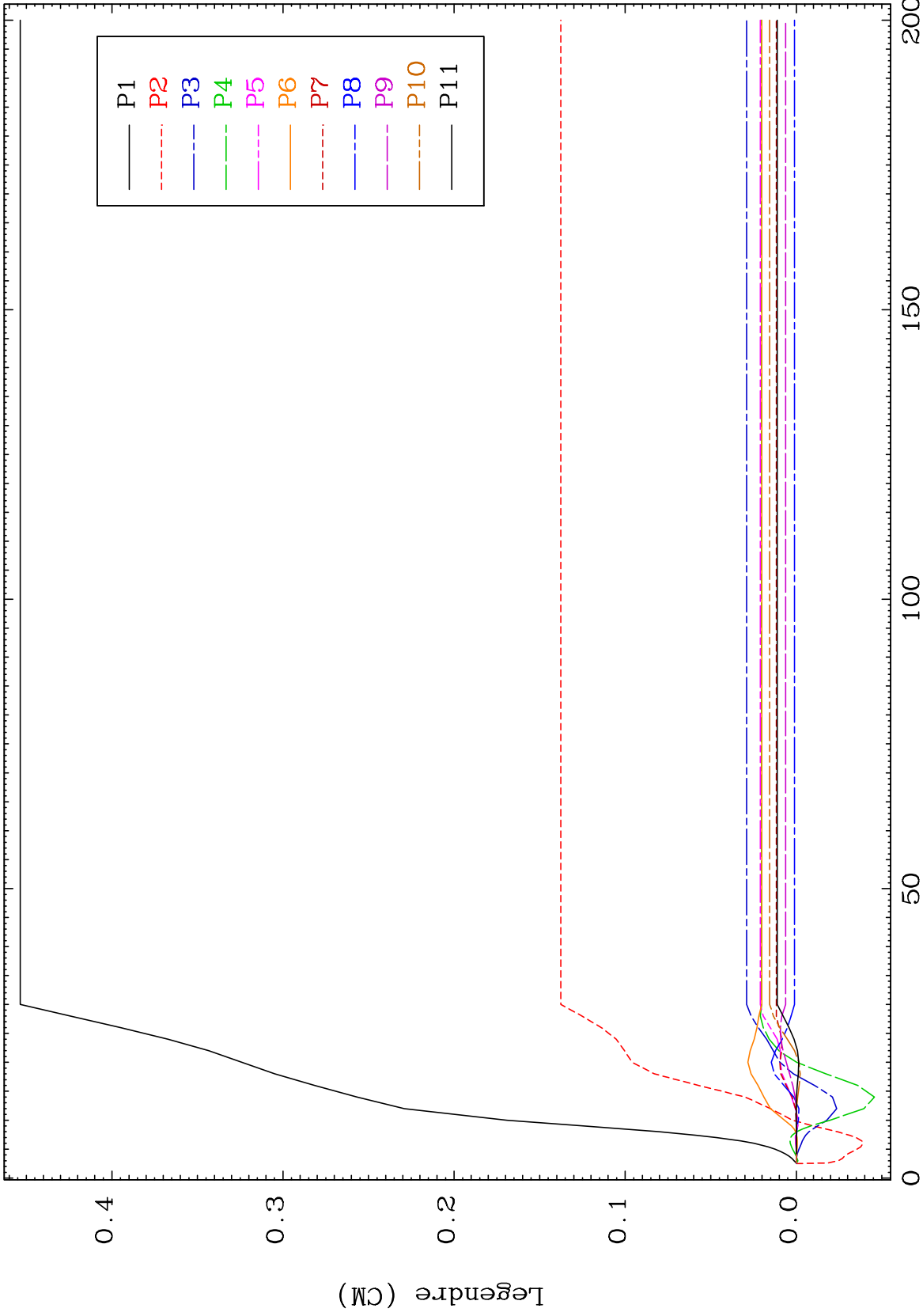
28-Ni-58



MAT 2825

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

28-Ni-58



21

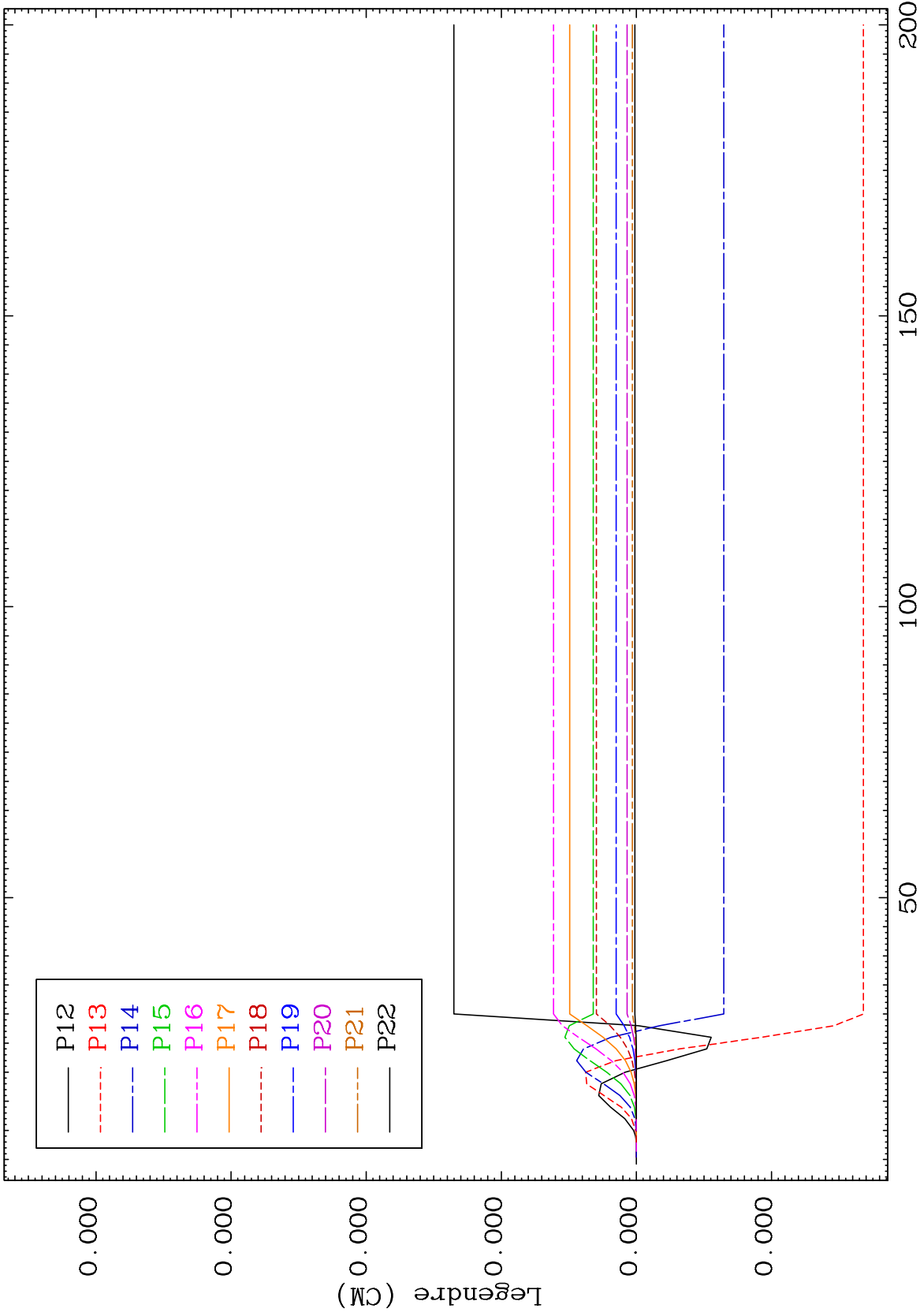
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



22

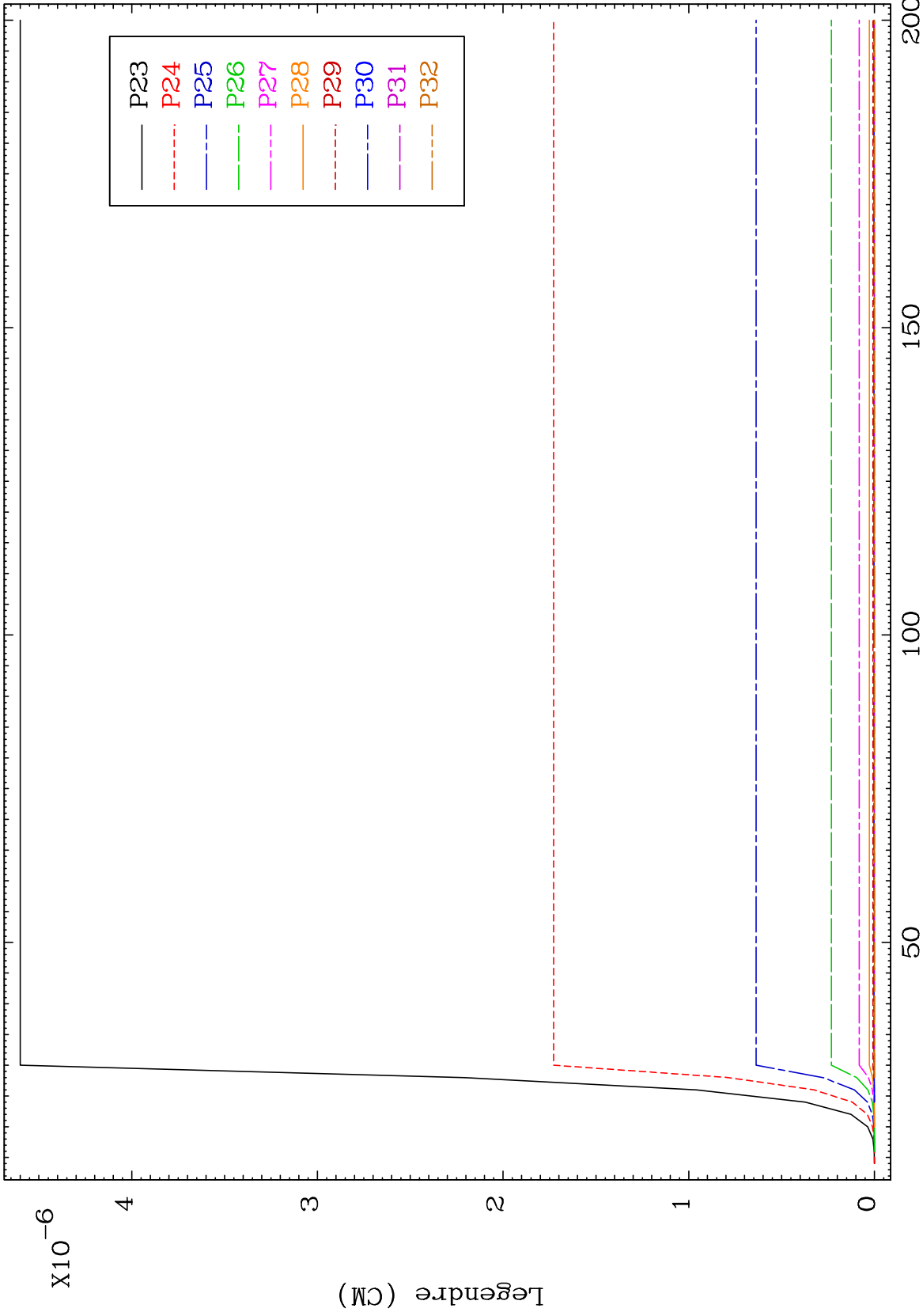
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



23

Incident Energy (MeV)

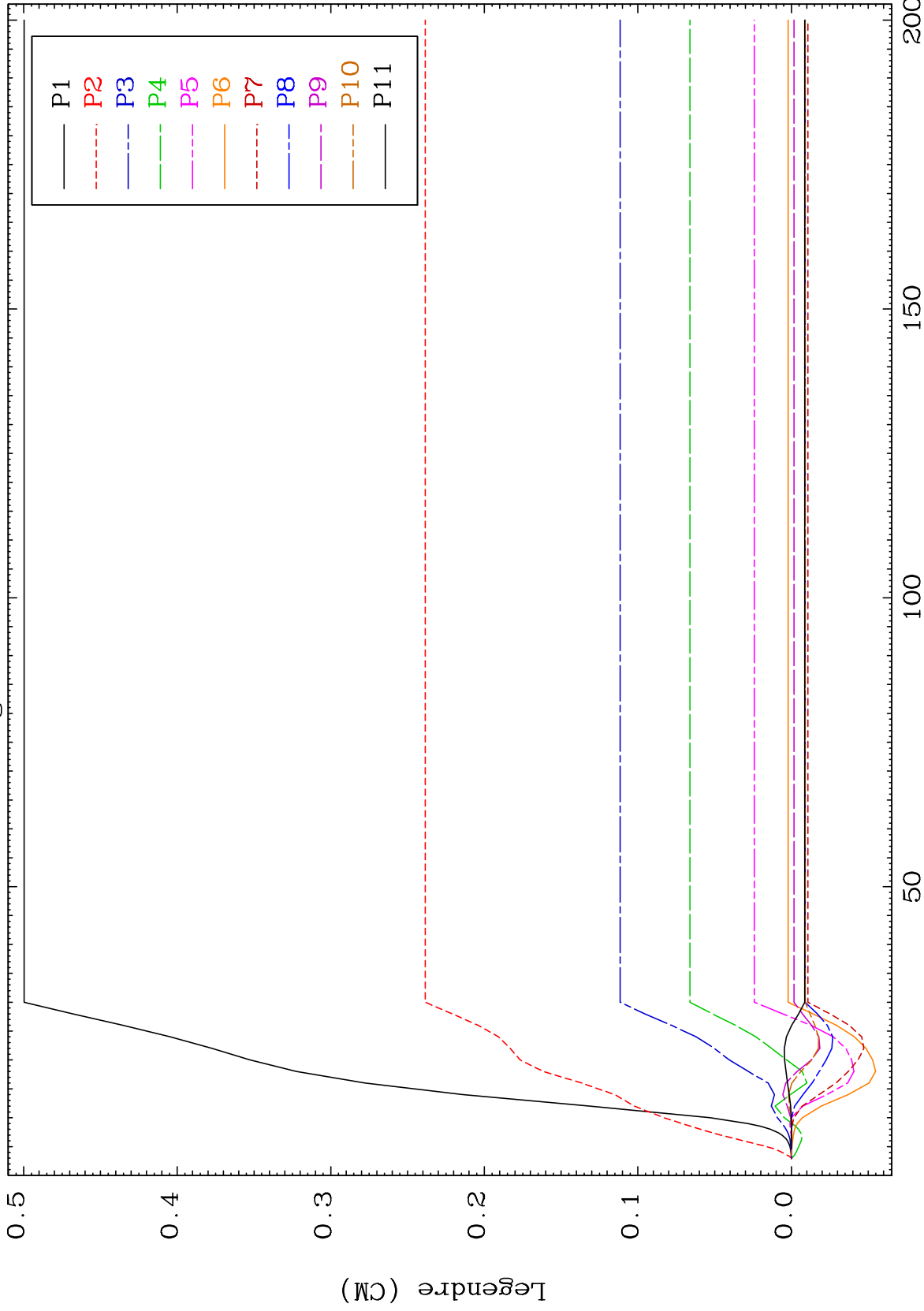
28-Ni-58



MAT 2825

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

28-Ni-58



24

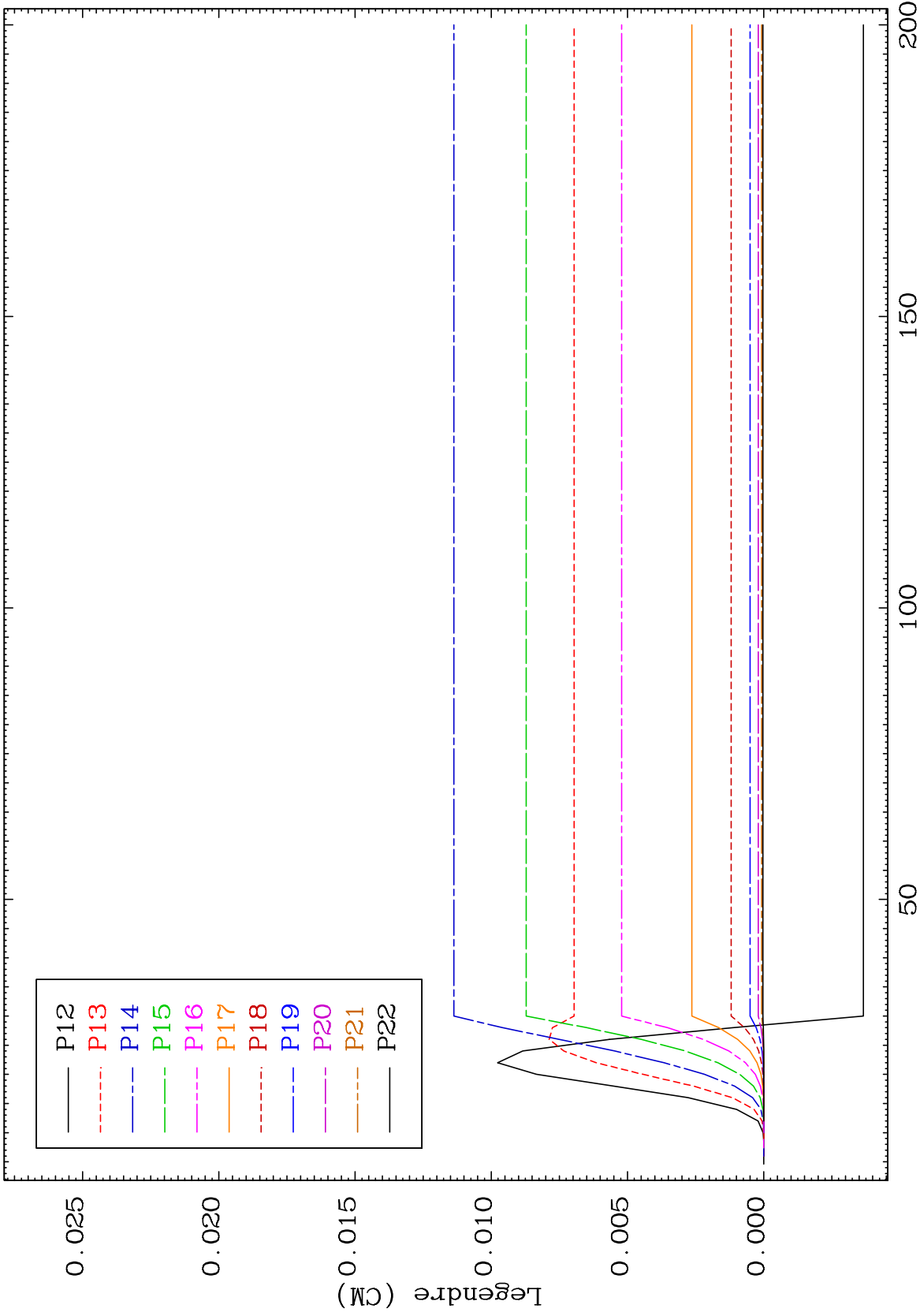
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



25

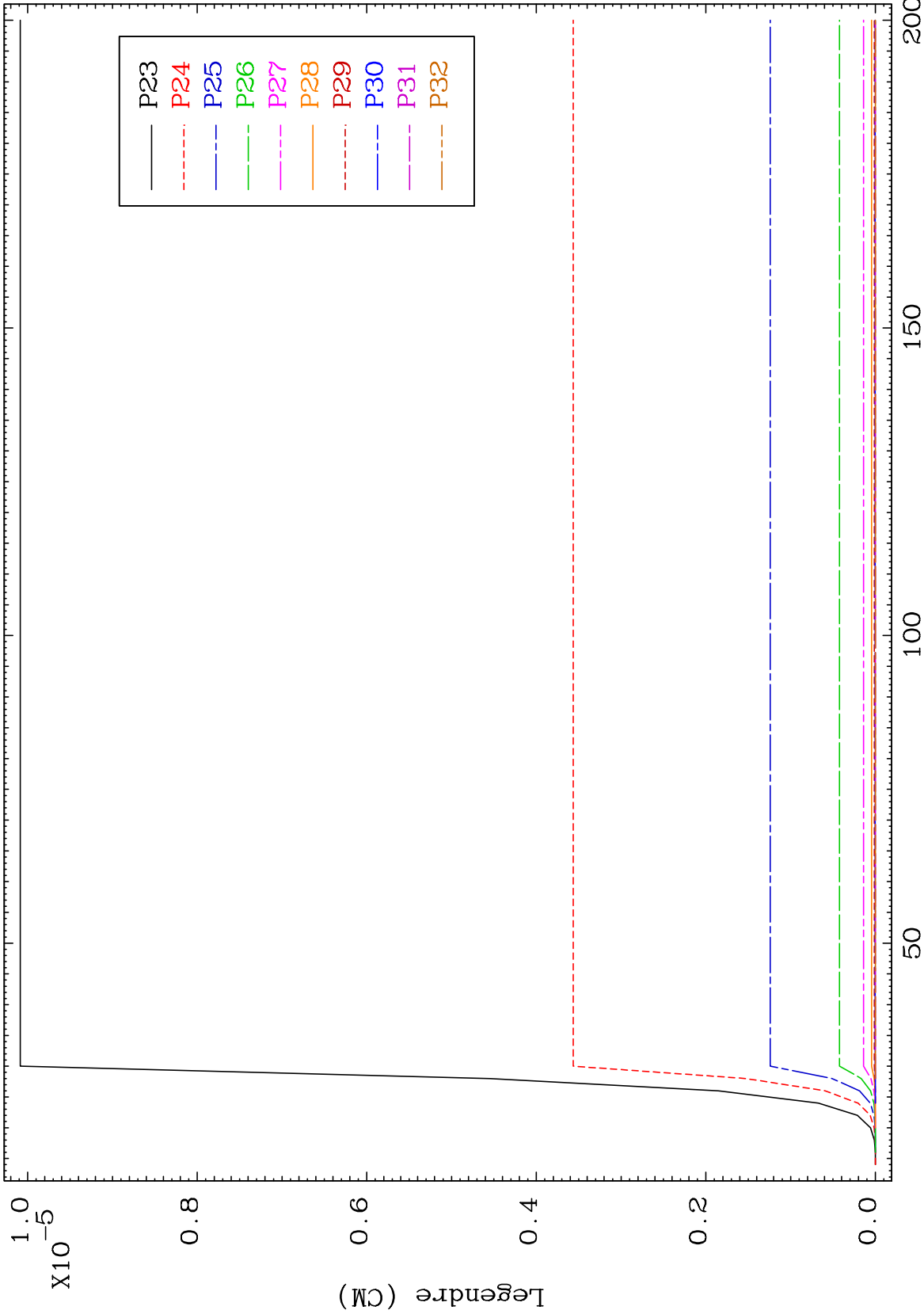
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



26

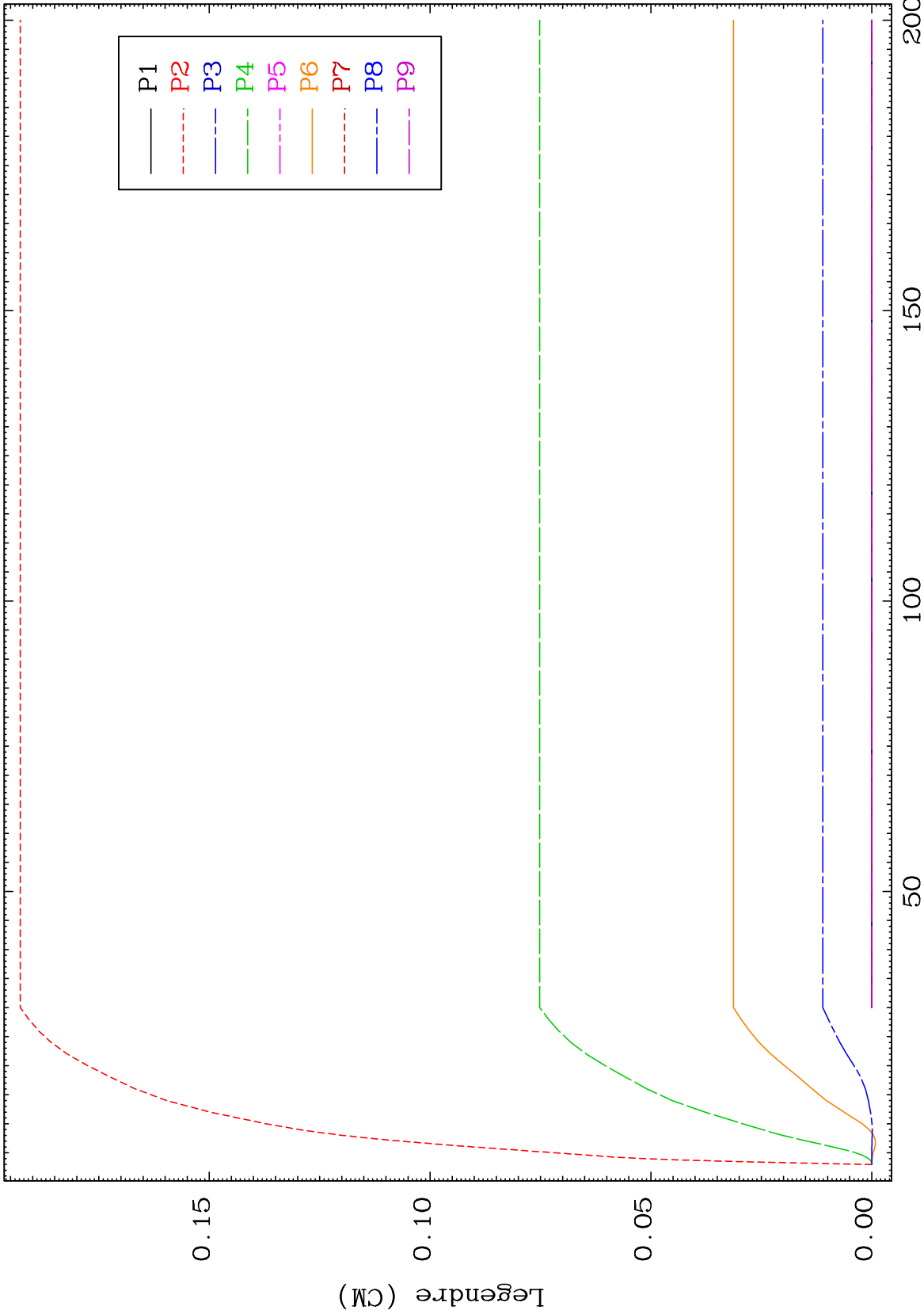
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



27

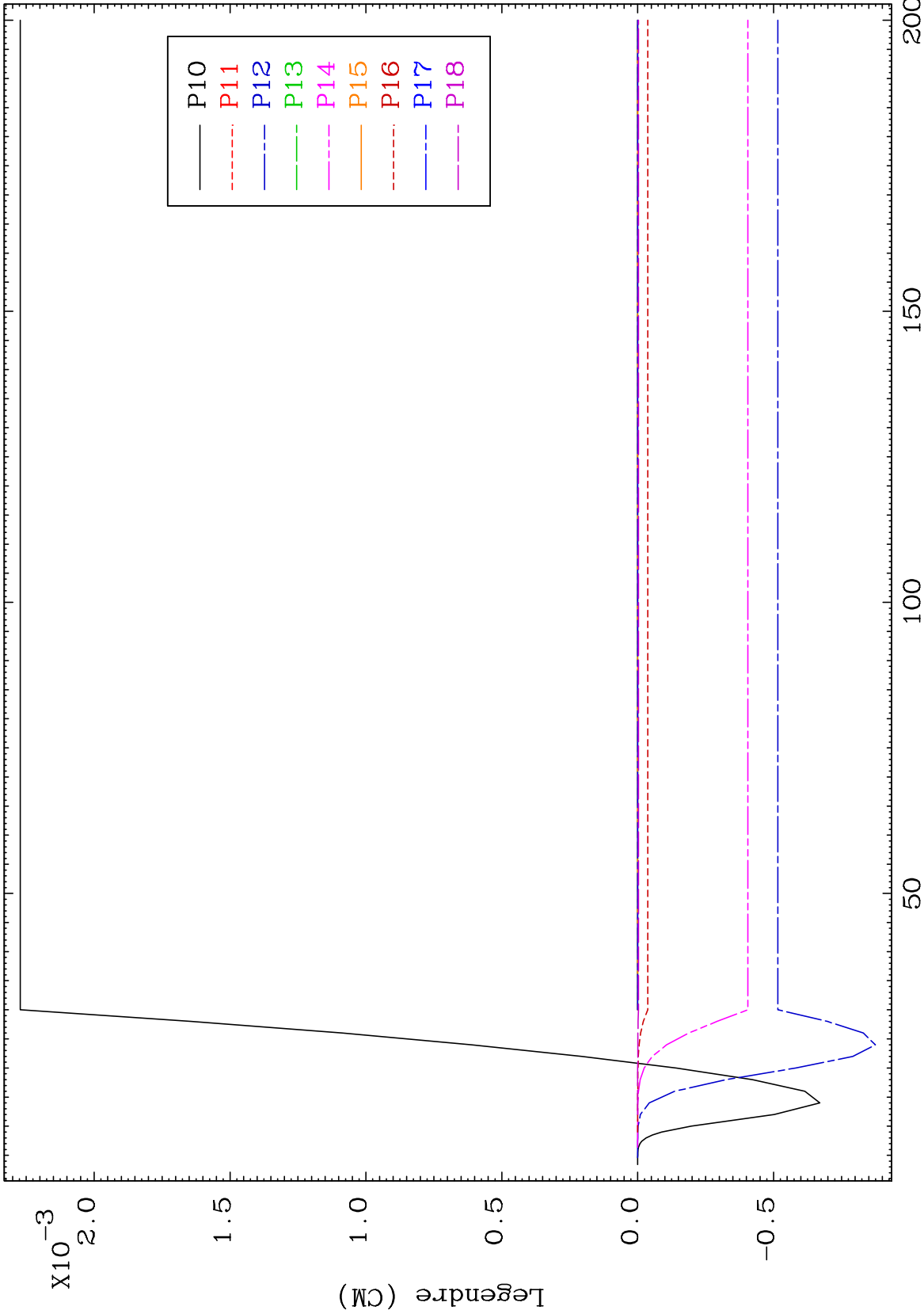
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



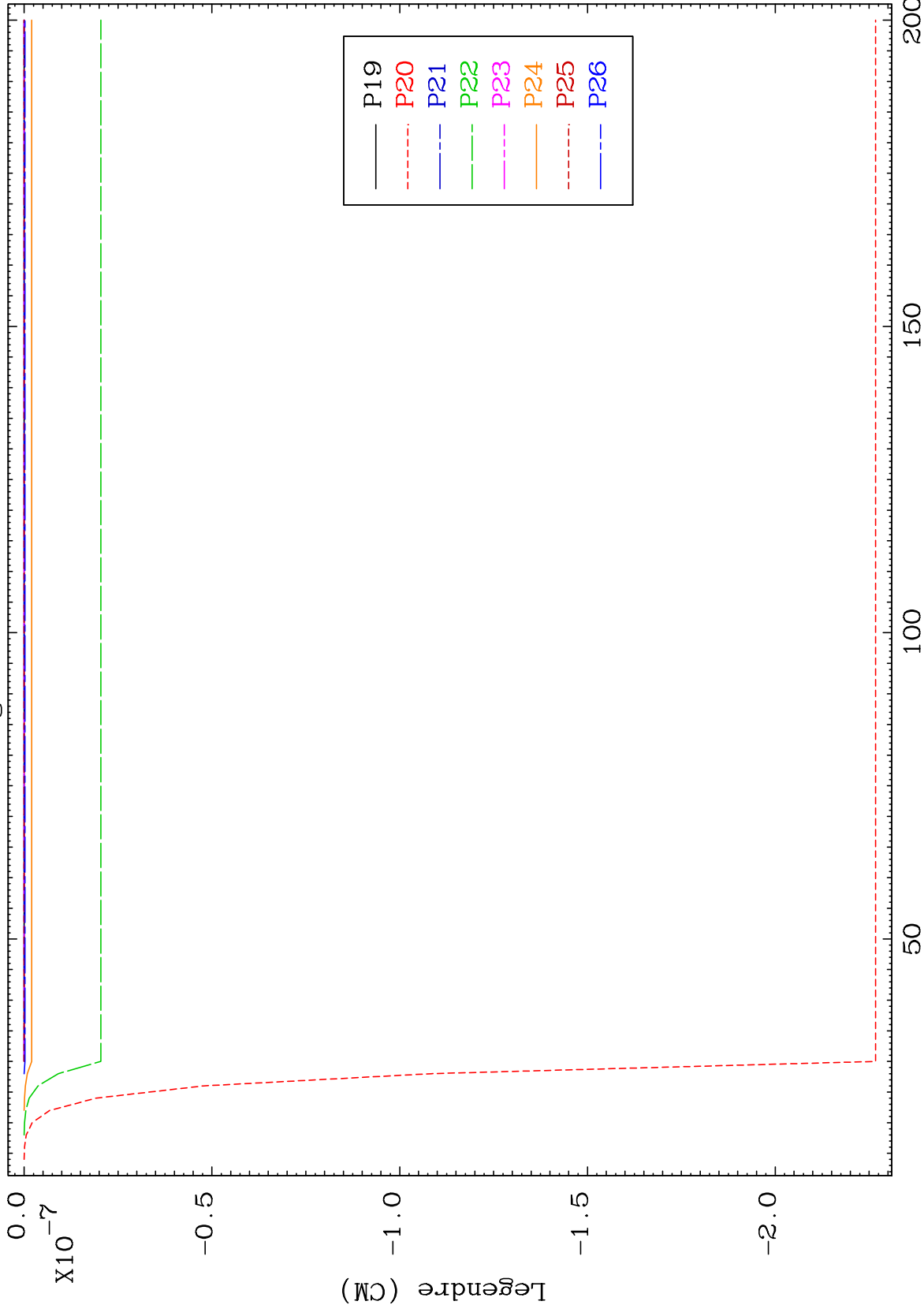
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28-Ni-58

MAT 2825

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

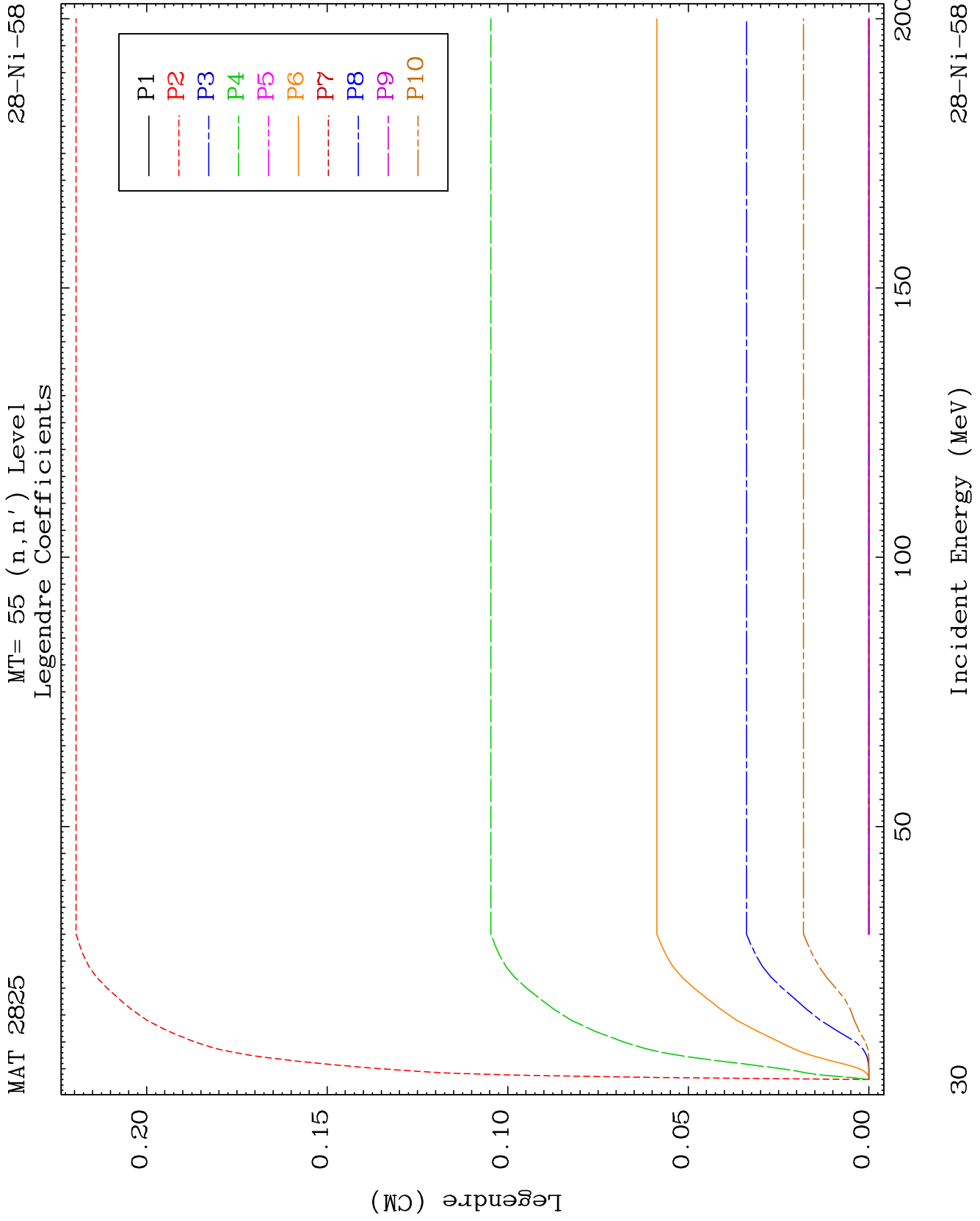
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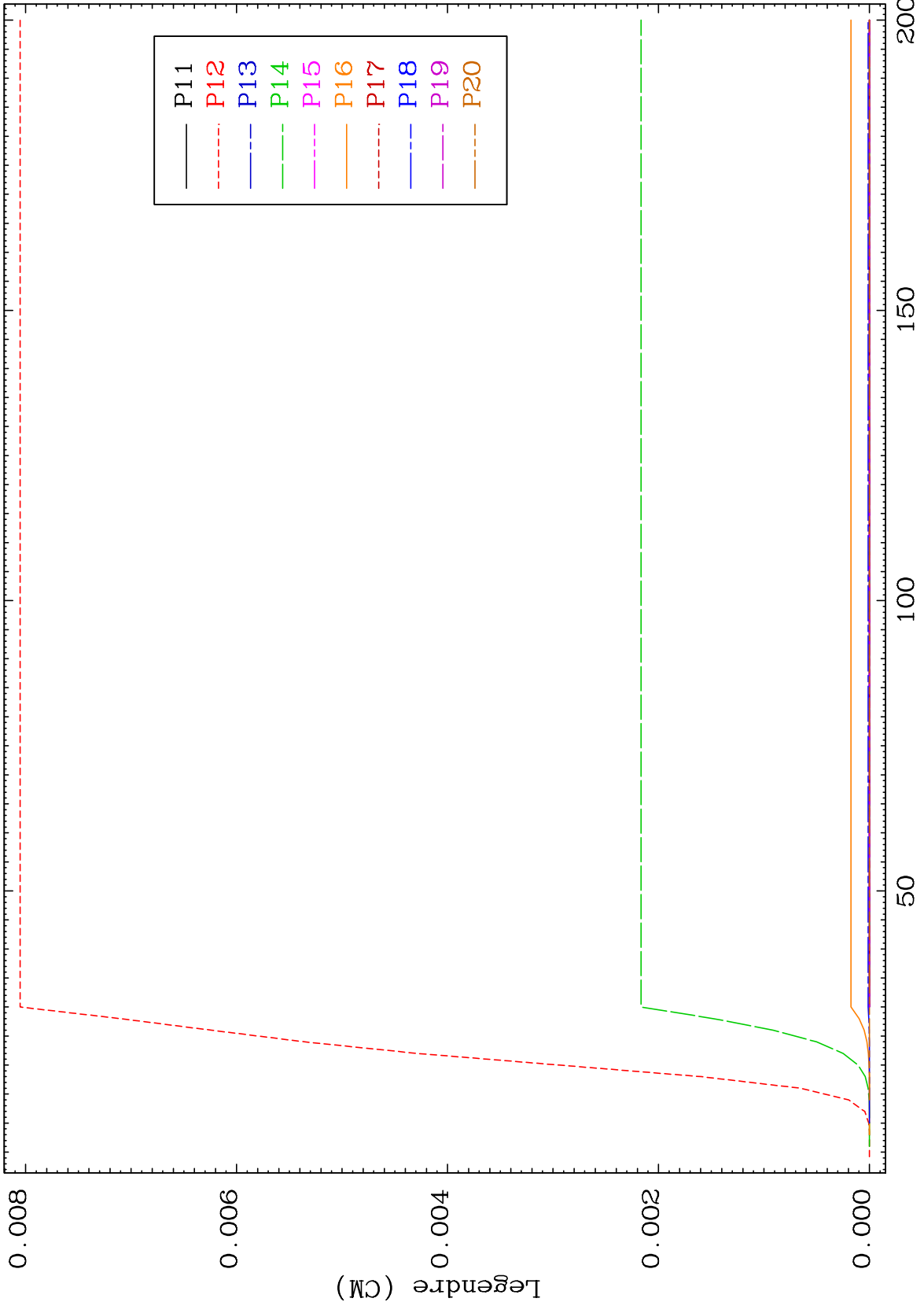
28-Ni-58

Incident Energy (MeV)

29

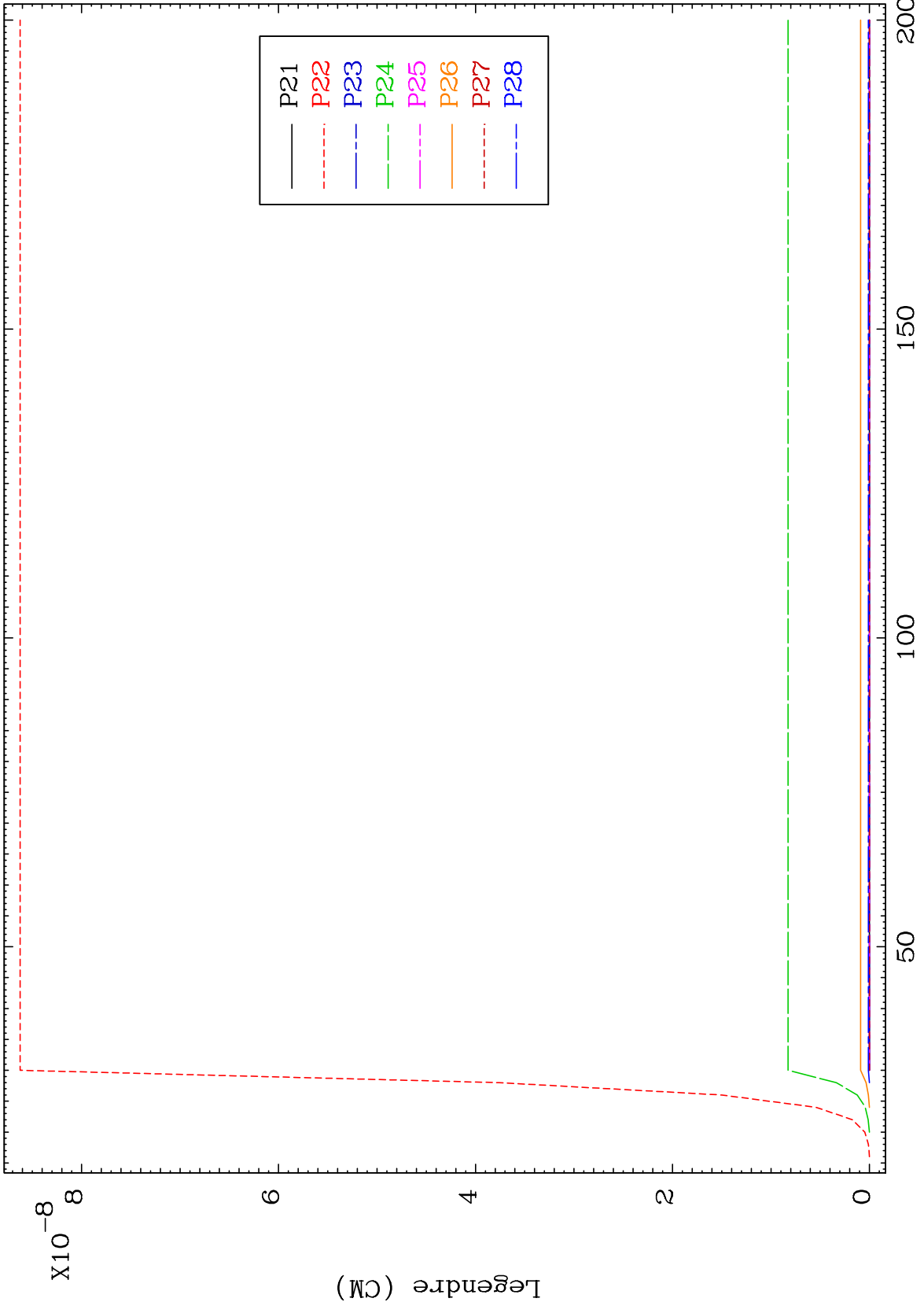


MAT 2825 MT= 55 (n,n') Level Legendre Coefficients 28-Ni-58



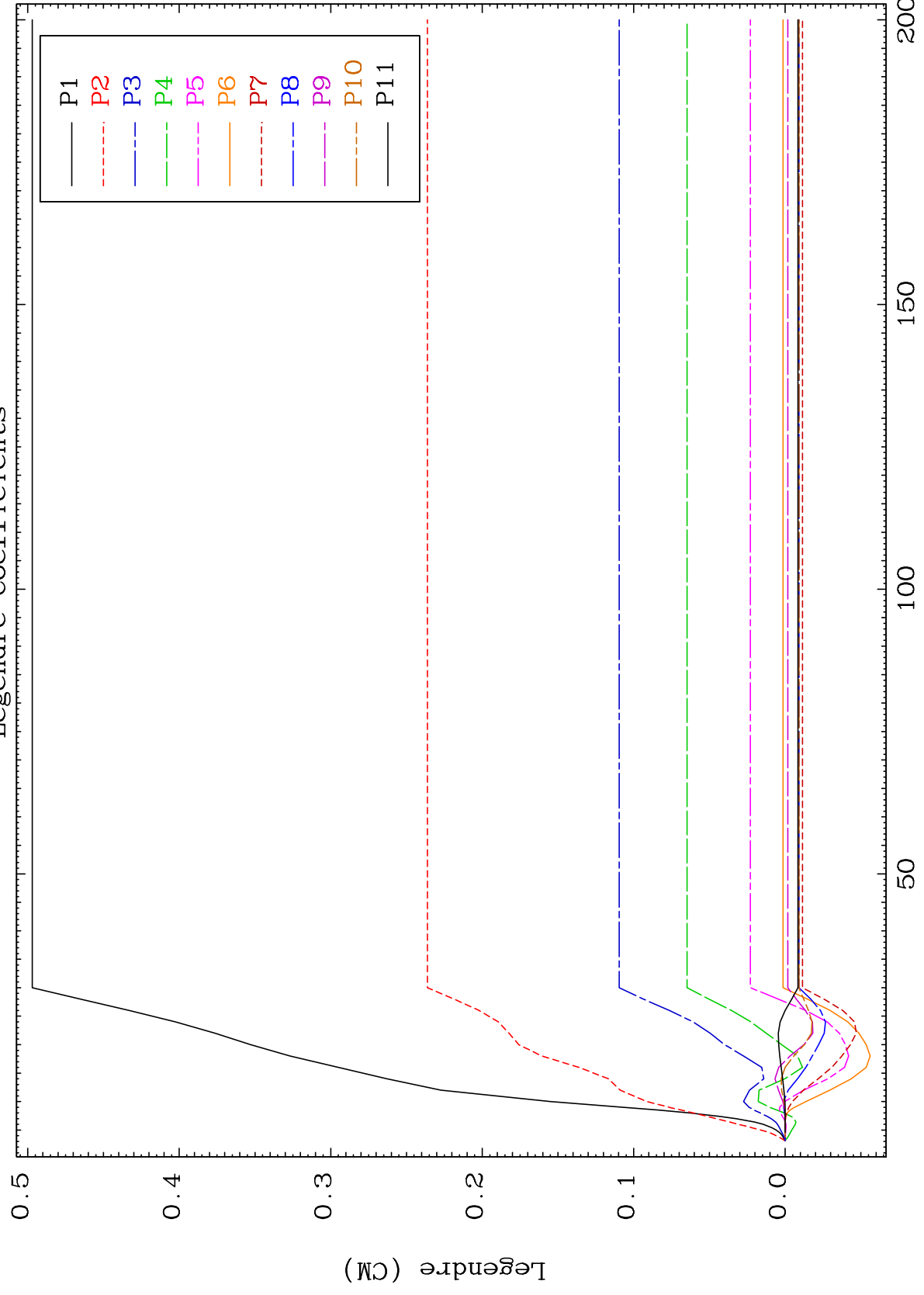


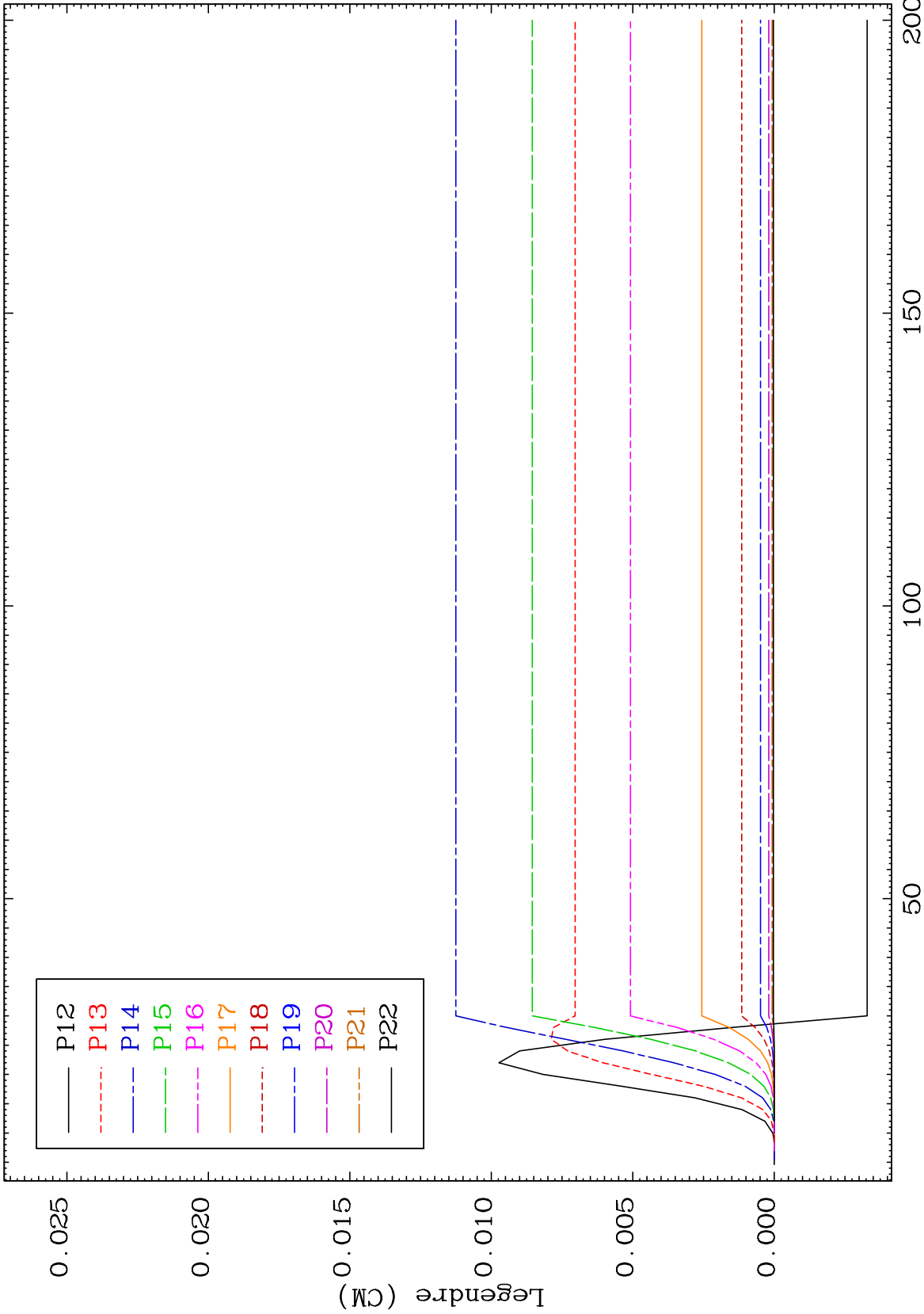
MAT 2825 MT= 55 (n,n') Level Legendre Coefficients 28-Ni-58



32 50 100 150 200 28-Ni-58

MAT 2825 MT= 56 (n,n') Level Legendre Coefficients 28-Ni-58

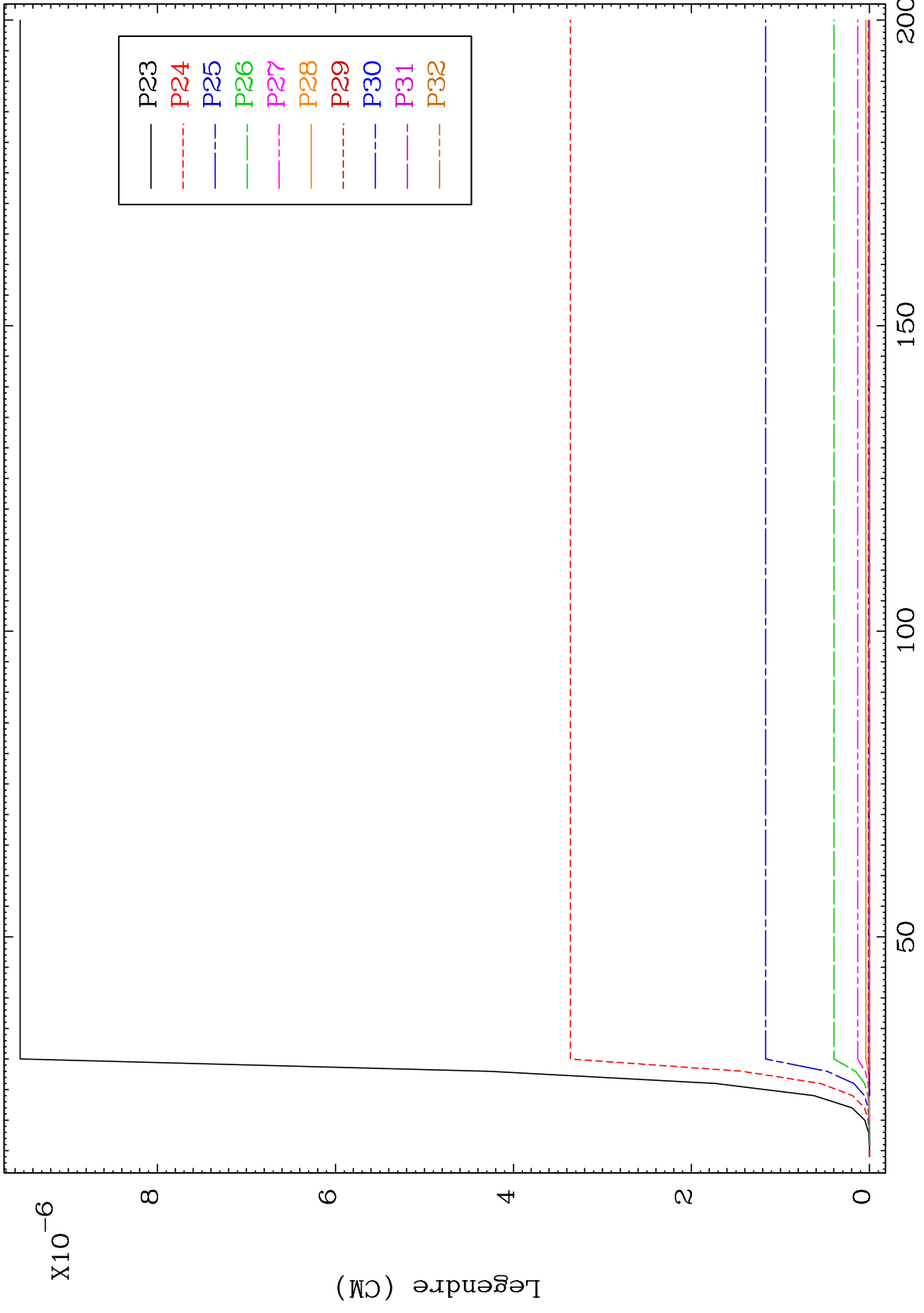




MAT 2825

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

28-Ni-58

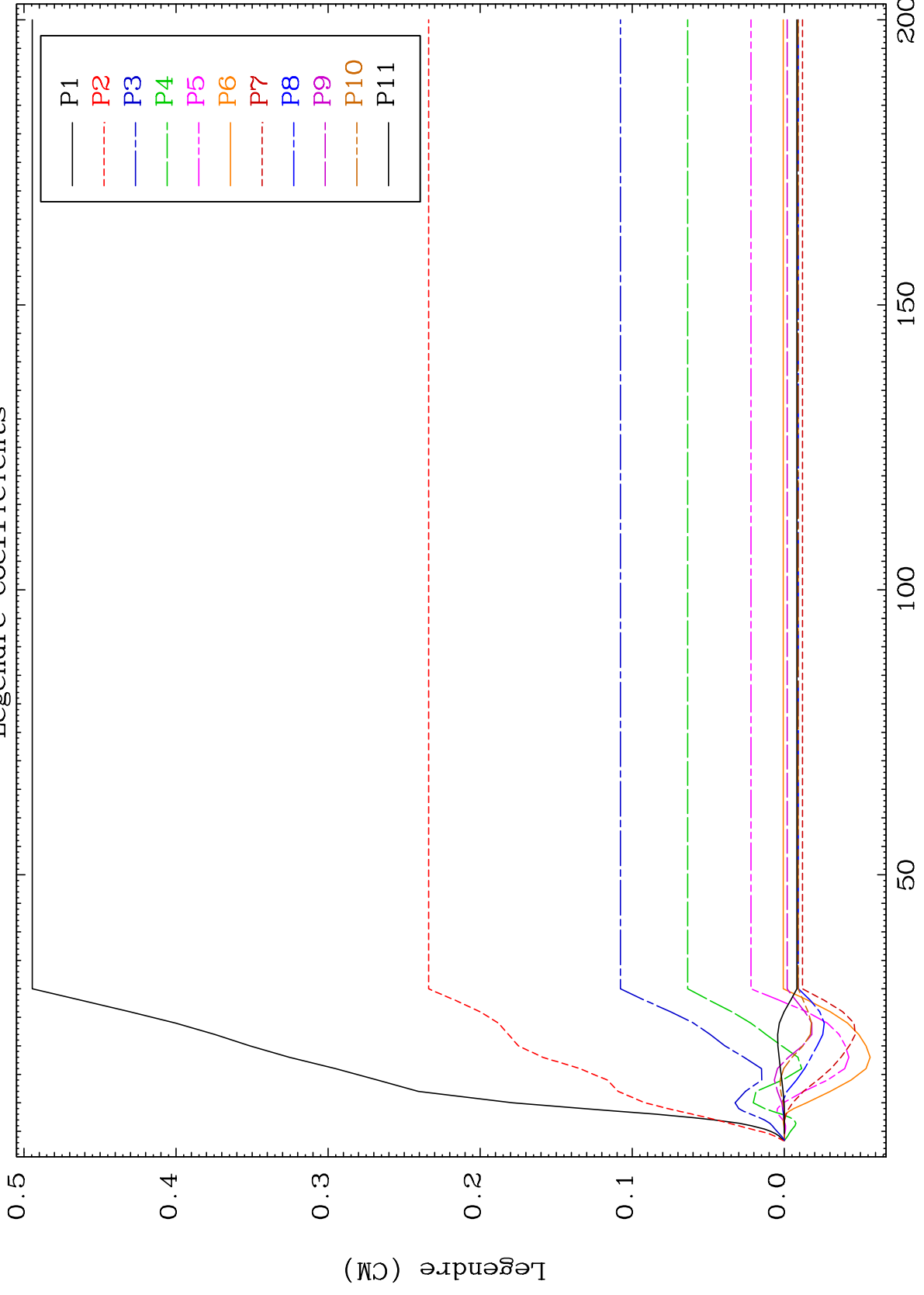


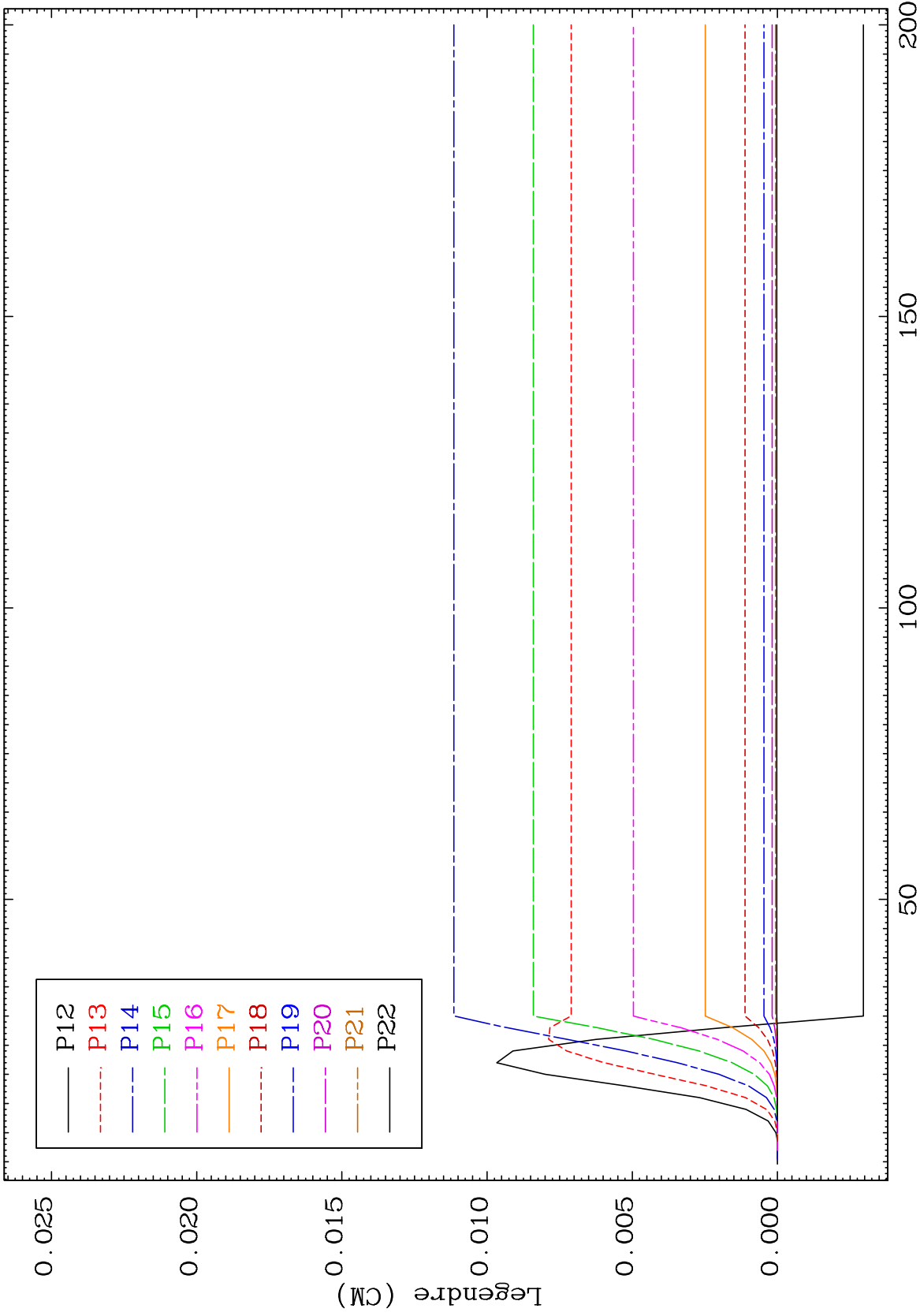
35

Incident Energy (MeV)

28-Ni-58

MAT 2825 MT= 57 (n,n') Level Legendre Coefficients 28-Ni-58

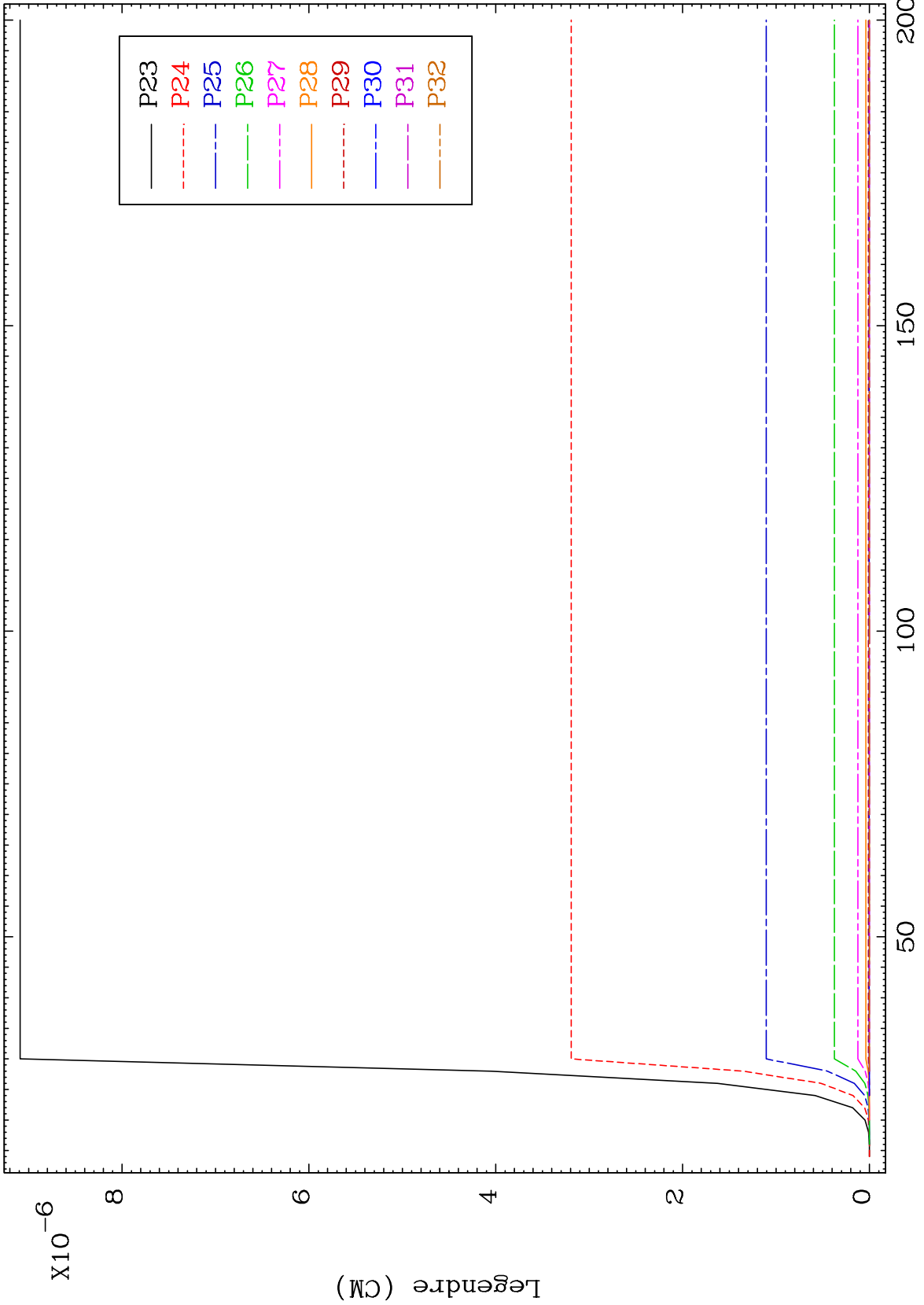




MAT 2825

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

28-Ni-58

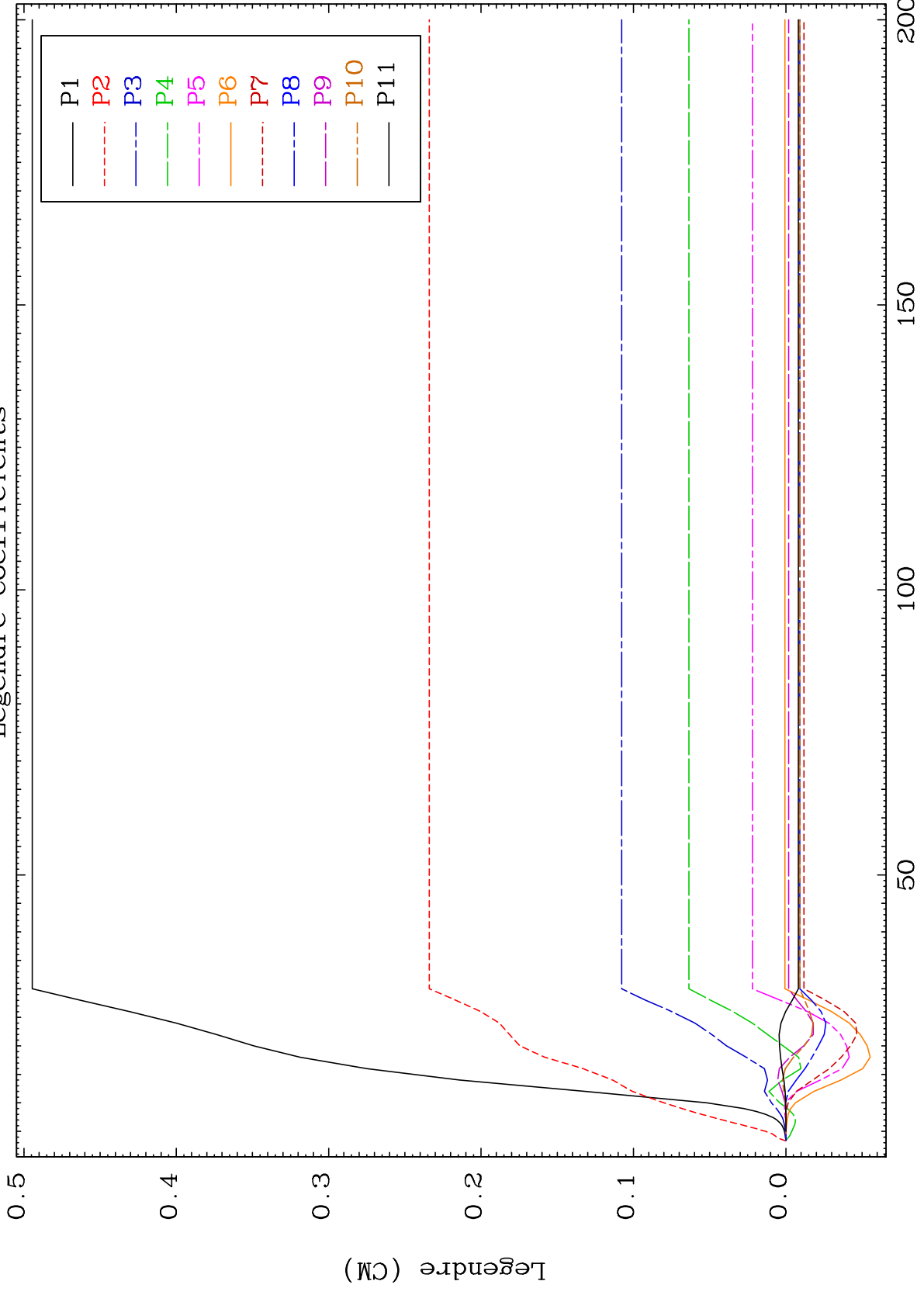


38

Incident Energy (MeV)

28-Ni-58

MAT 2825 MT= 58 (n,n') Level Legendre Coefficients 28-Ni-58

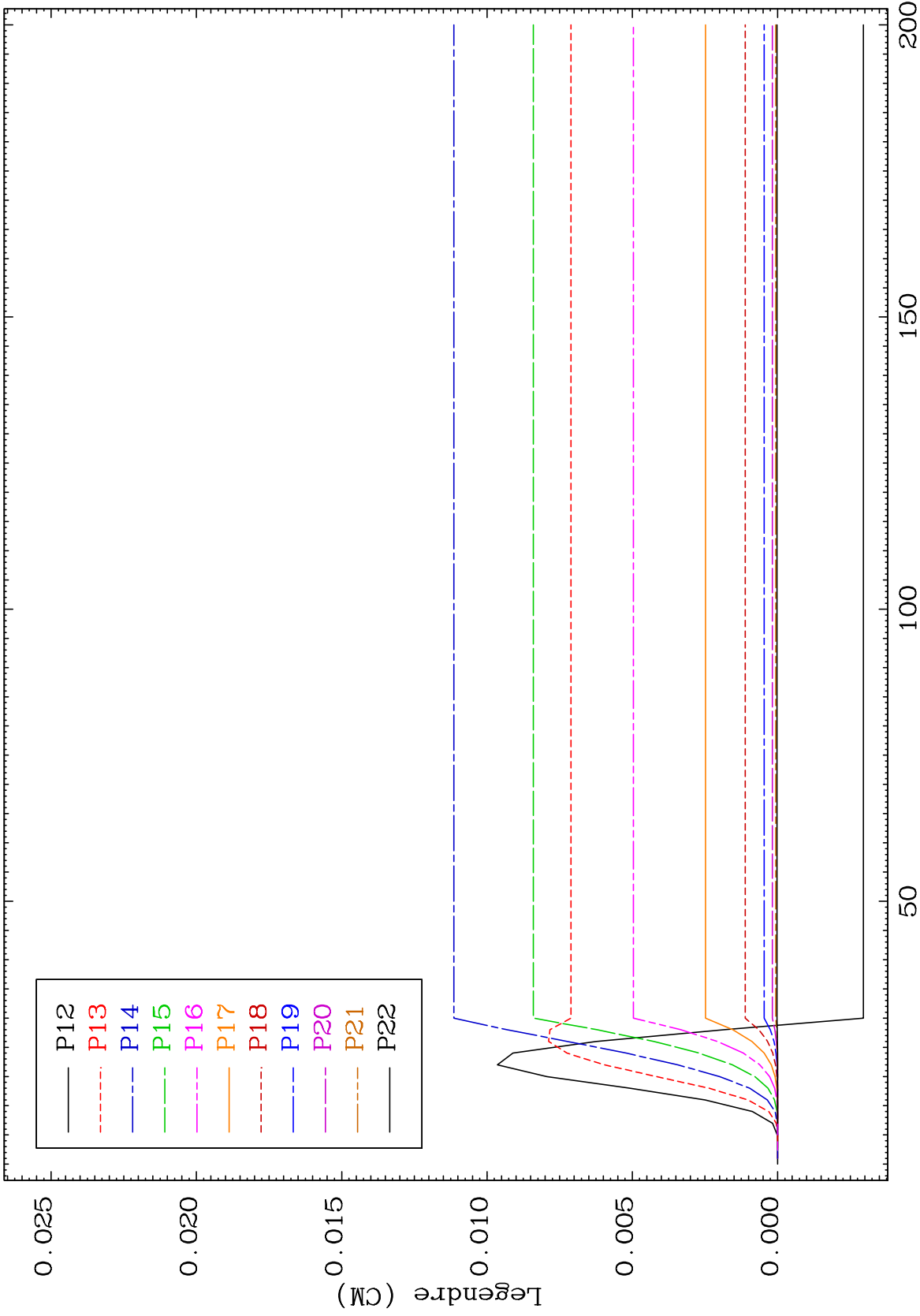




MAT 2825

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

28-Ni-58



40

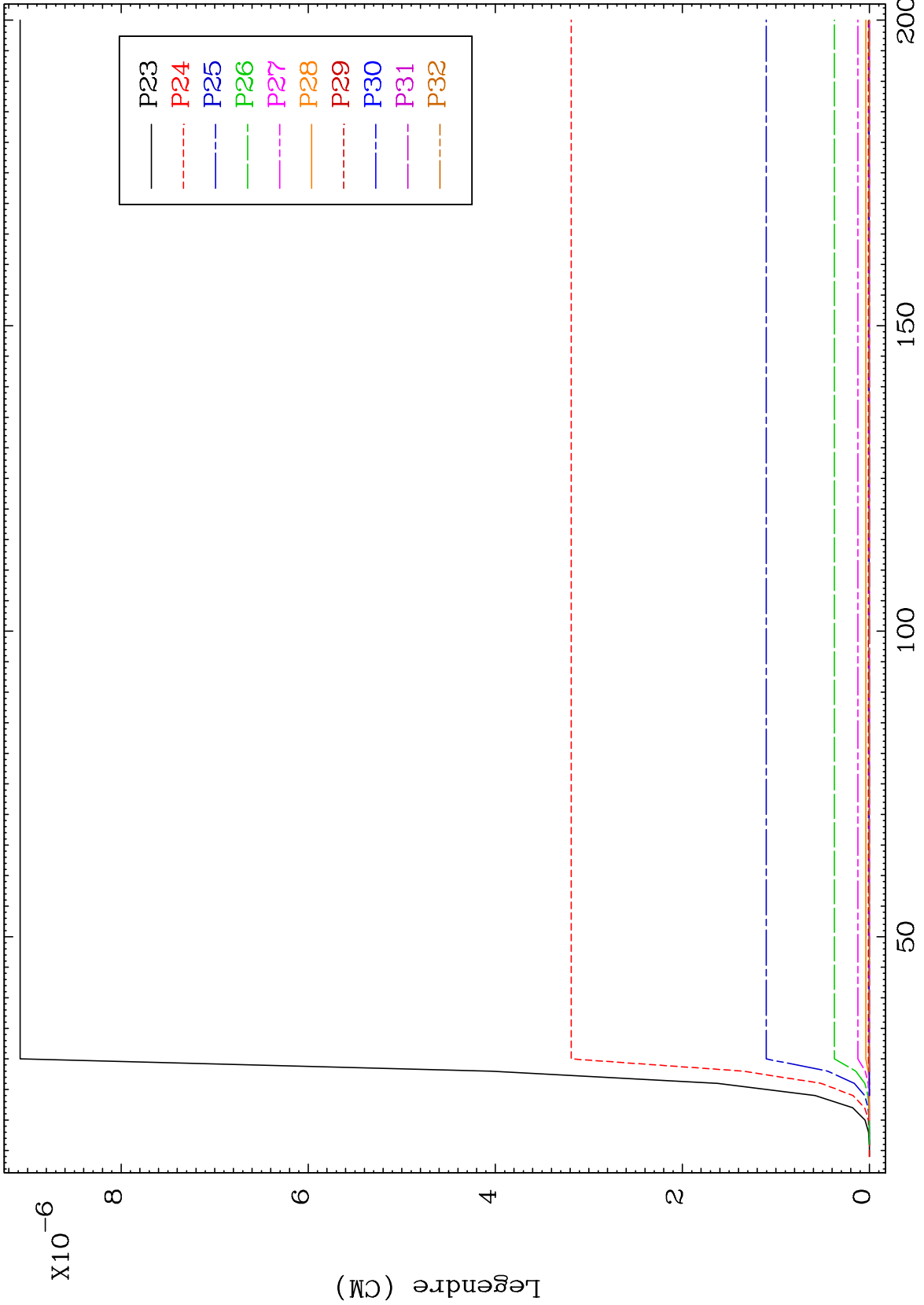
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

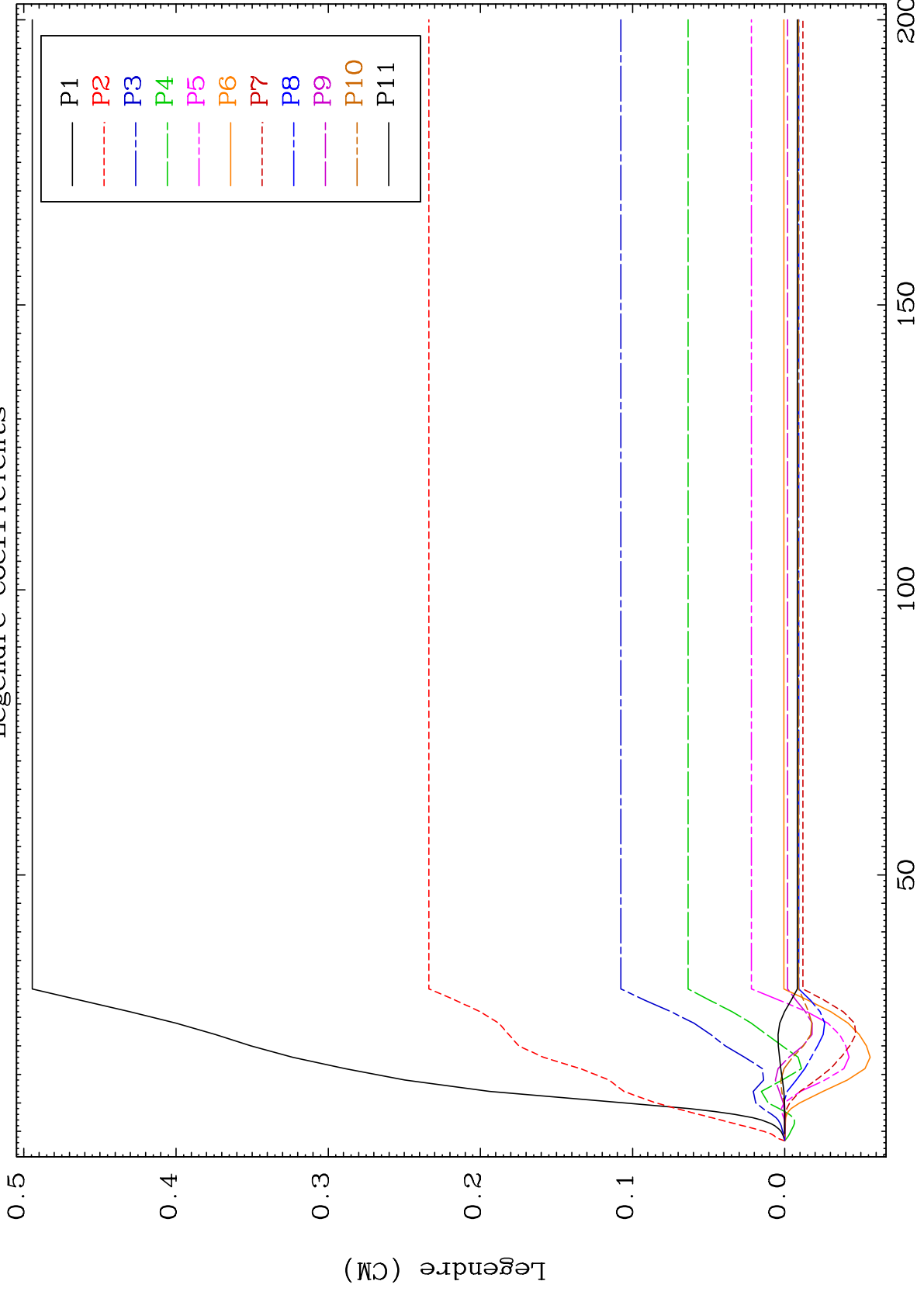
28-Ni-58



41

28-Ni-58

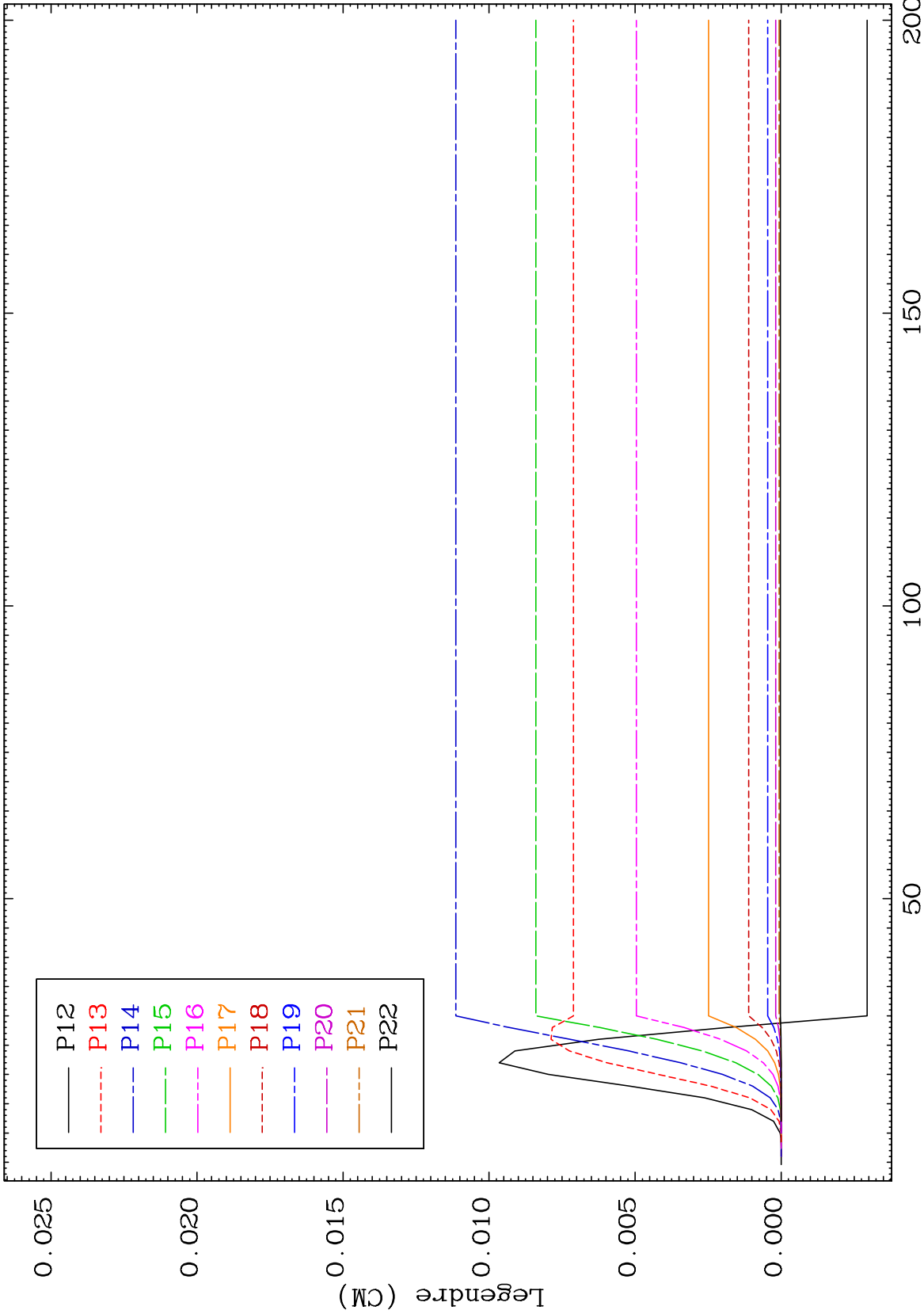
MAT 2825 MT= 59 (n,n') Level Legendre Coefficients 28-Ni-58



MAT 2825

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

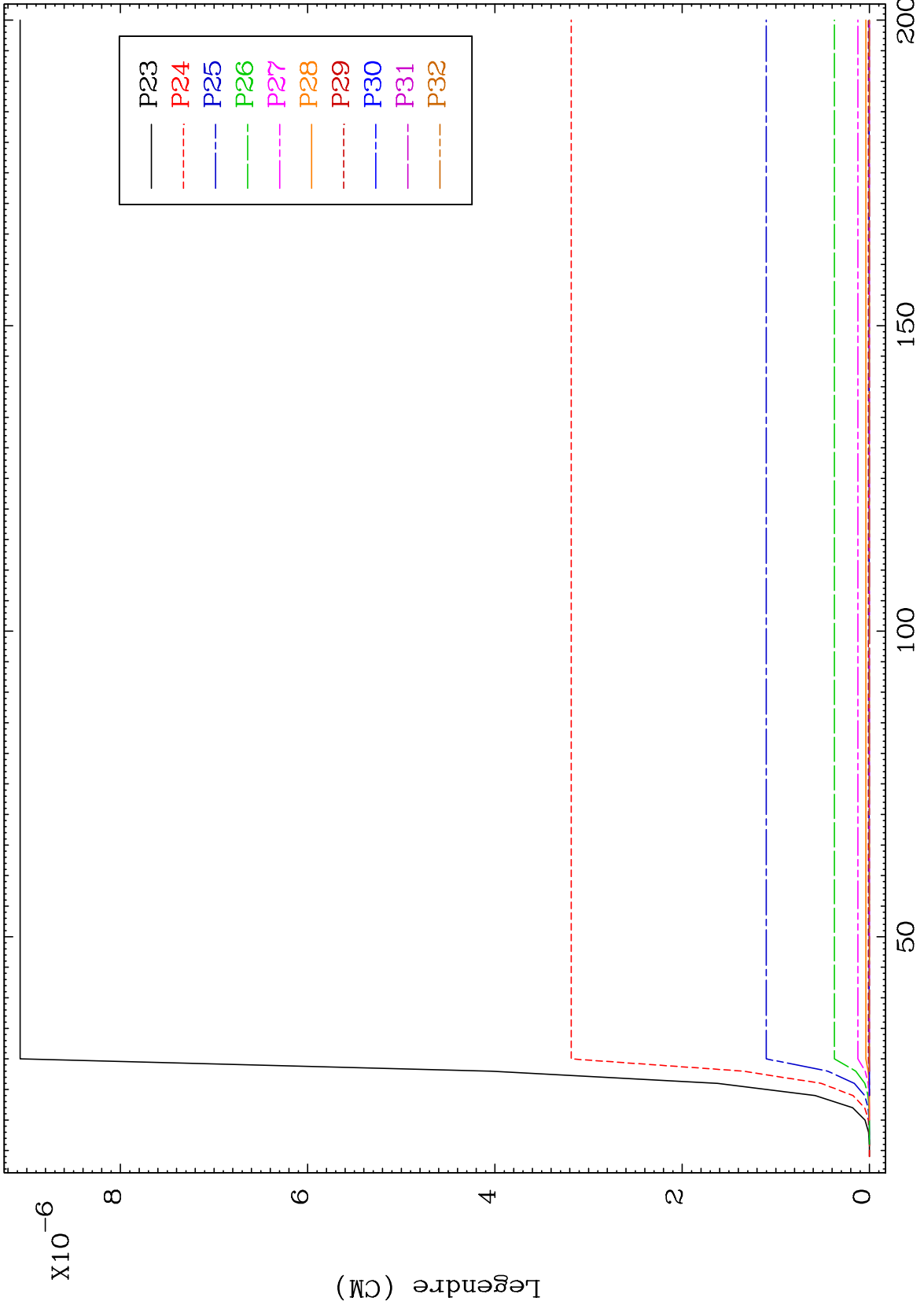
28-Ni-58



MAT 2825

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

28-Ni-58

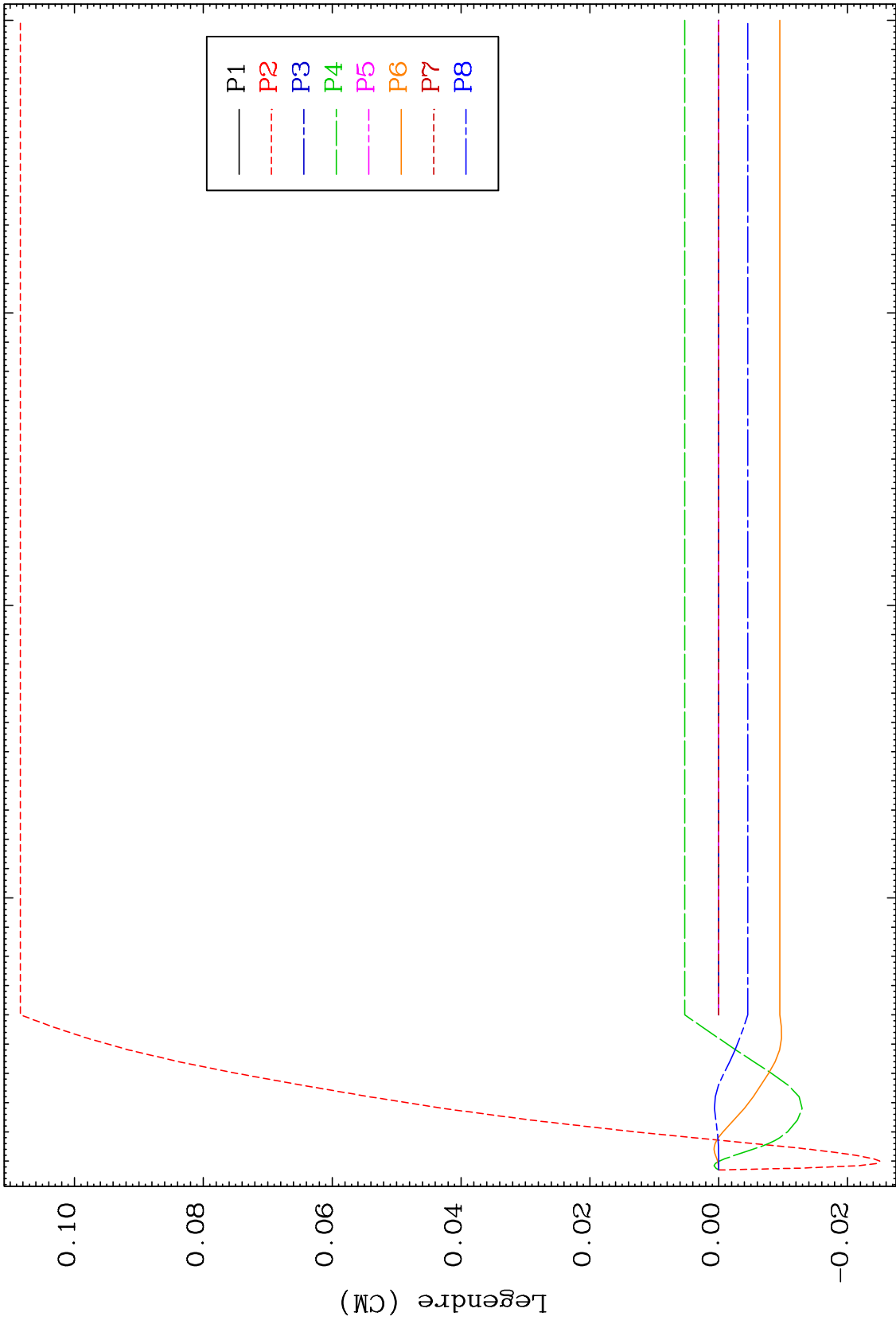


44

Incident Energy (MeV)

28-Ni-58

MAT 2825 MT= 60 (n,n') Level Legendre Coefficients 28-Ni-58

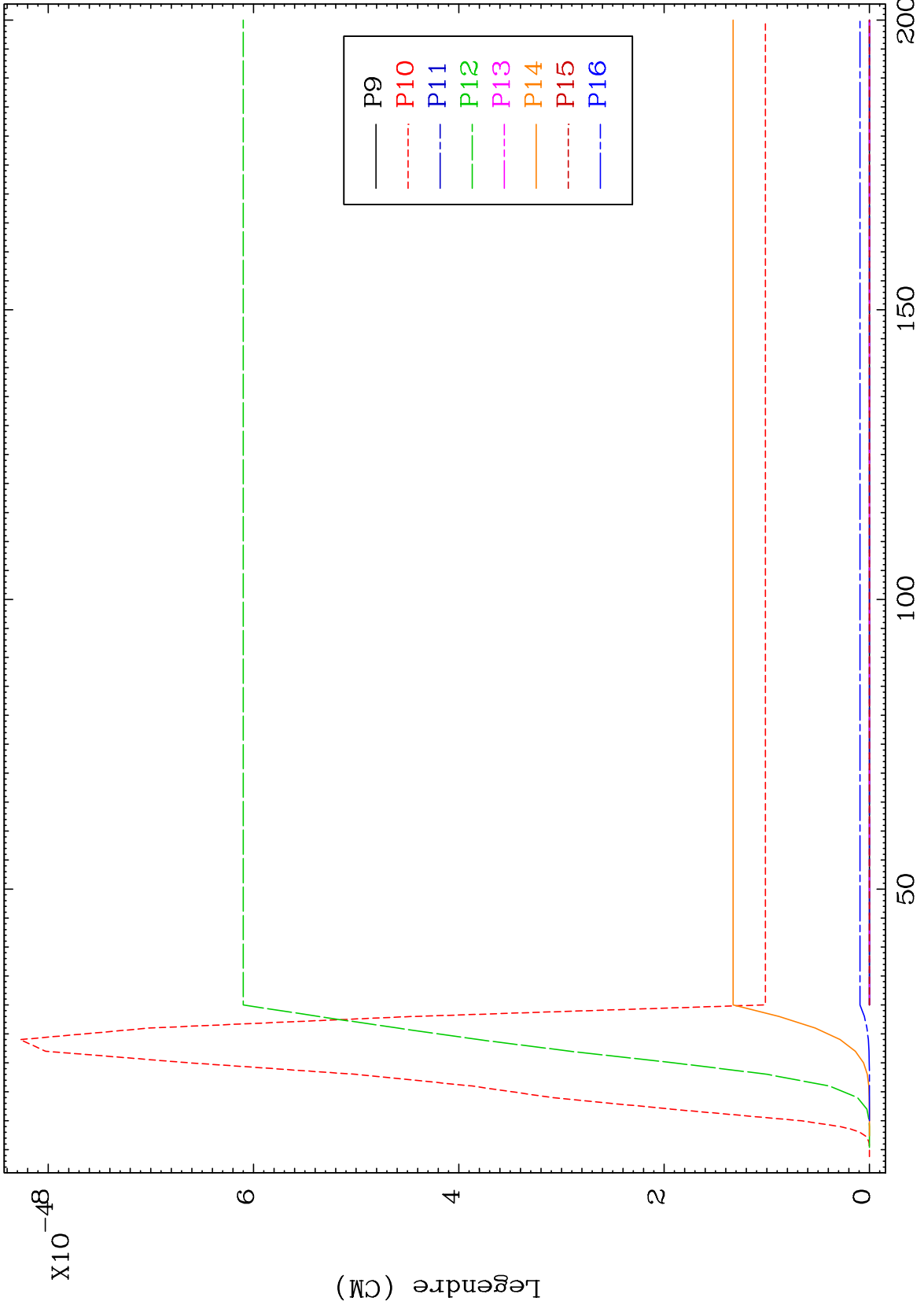


Legendre (CM) Incident Energy (MeV) 28-Ni-58

MAT 2825

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

28-Ni-58



46

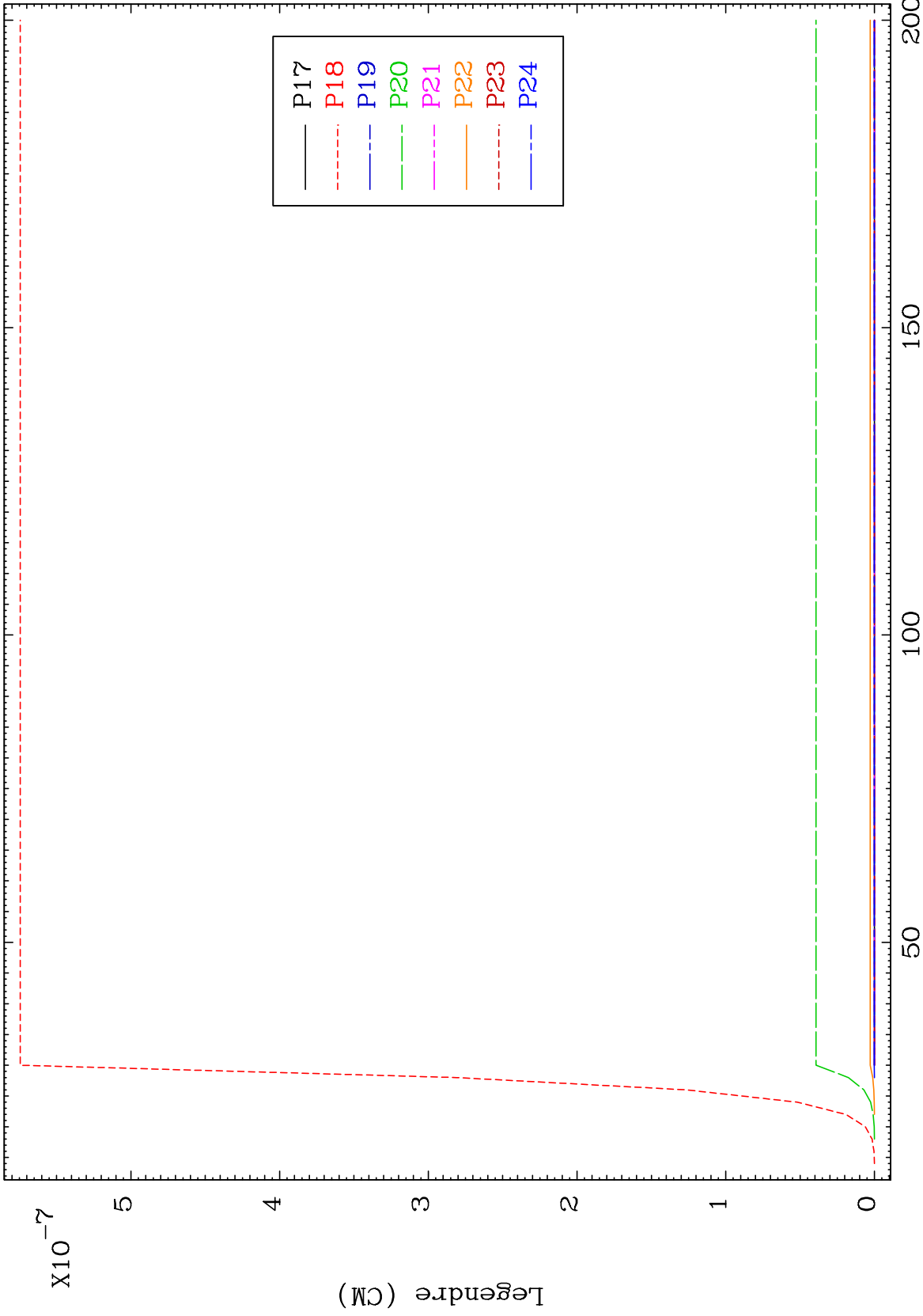
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



47

Incident Energy (MeV)

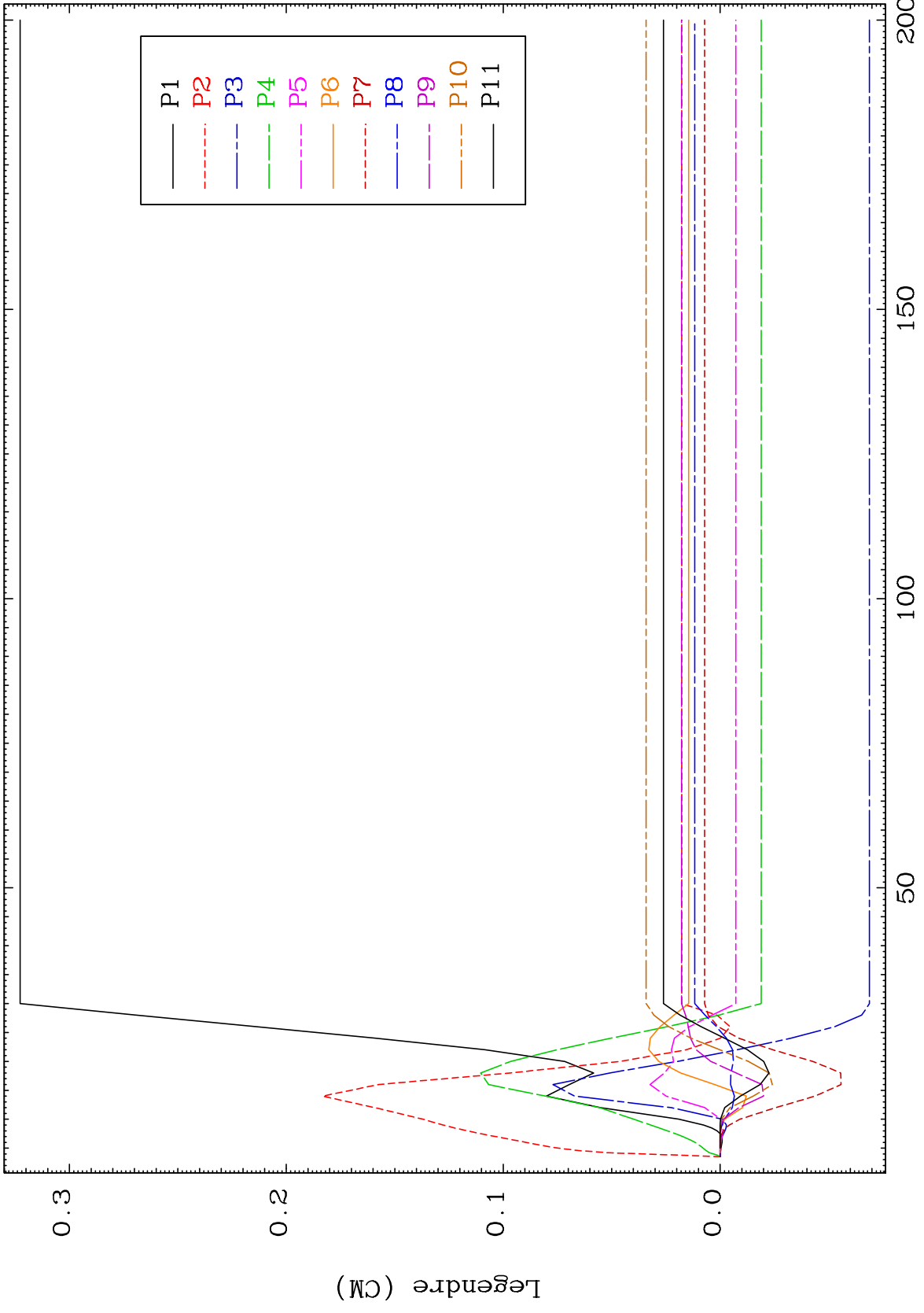
28-Ni-58



MAT 2825

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

28-Ni-58



48

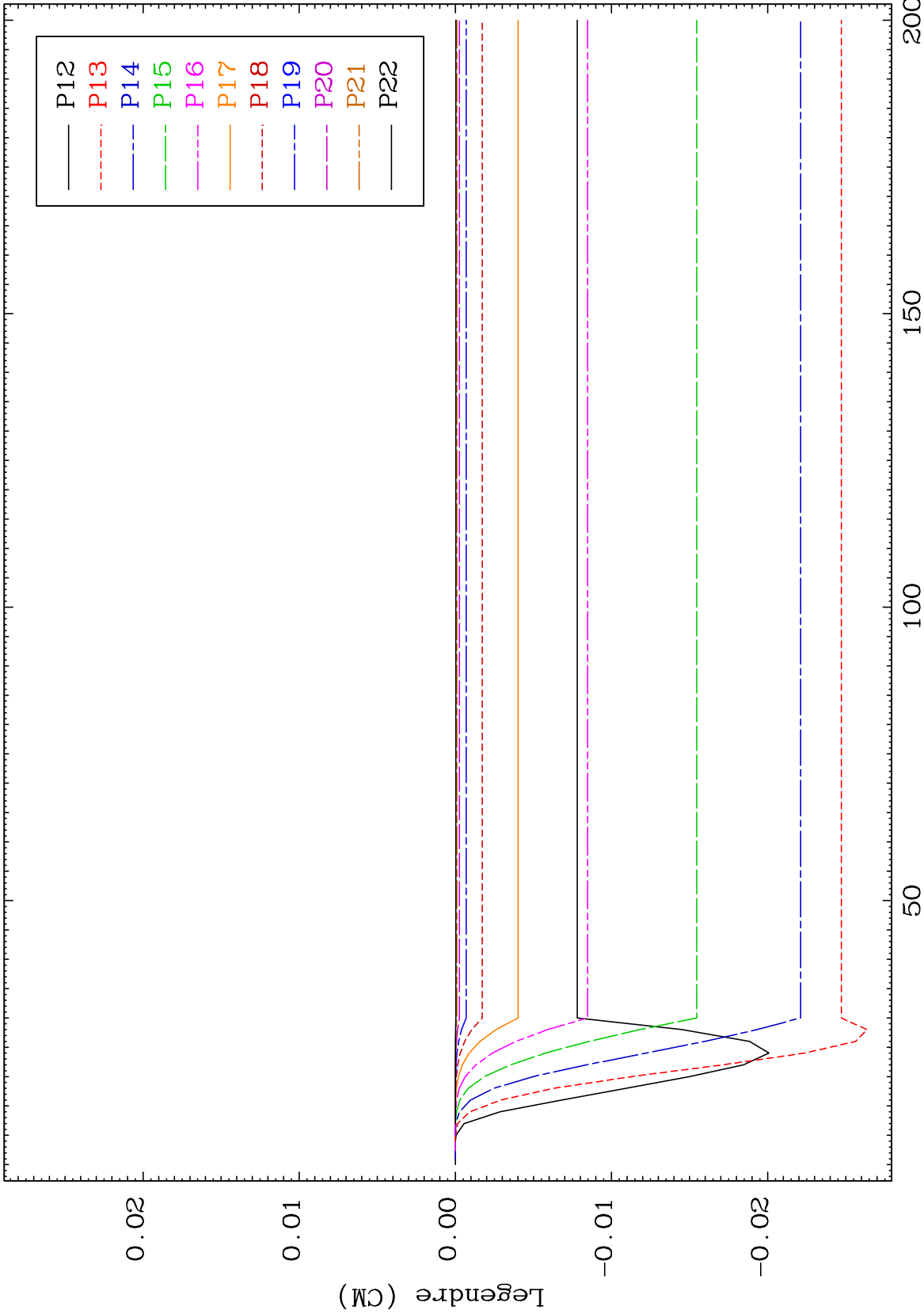
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

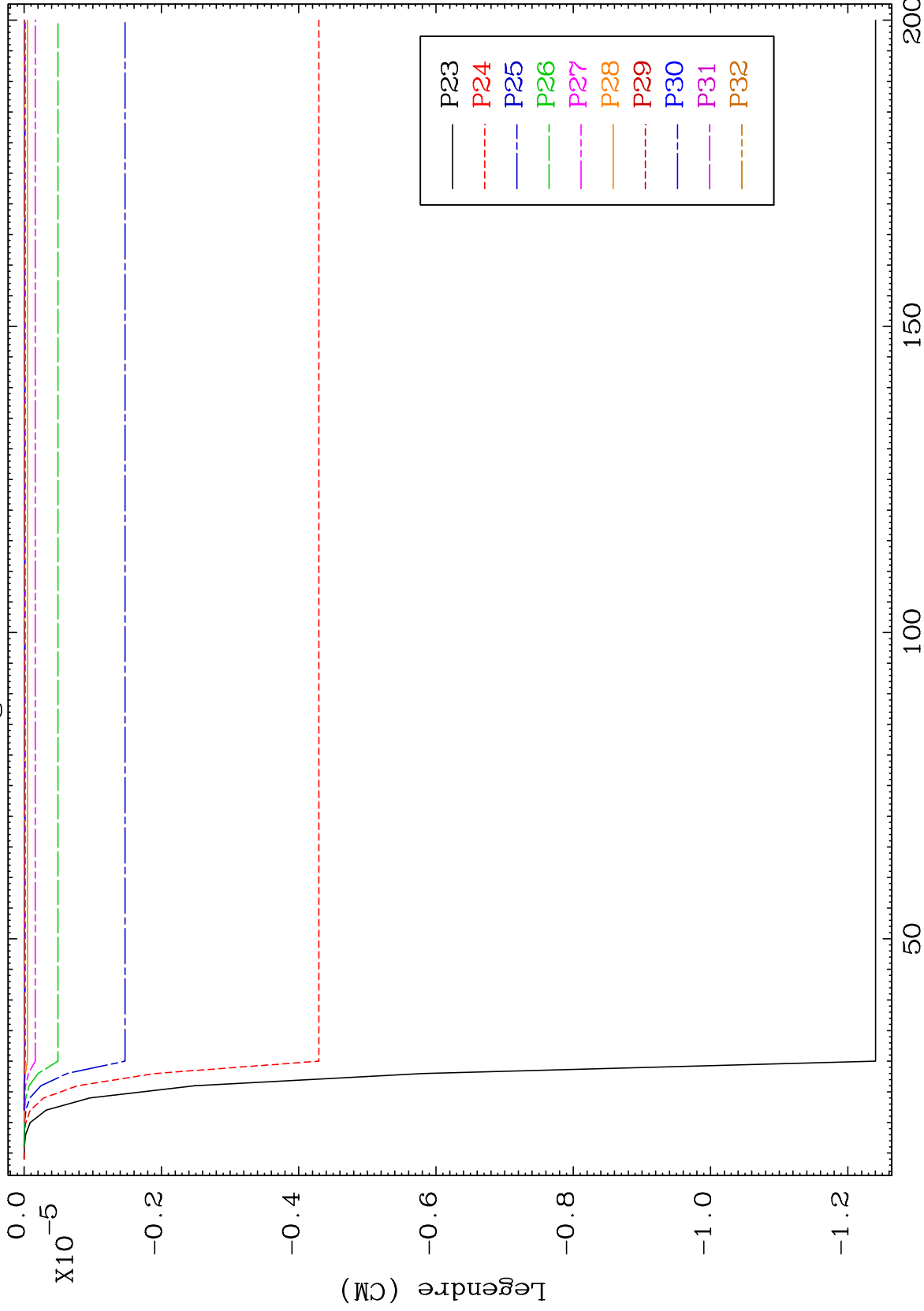
28-Ni-58



MAT 2825

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

28-Ni-58



28-Ni-58

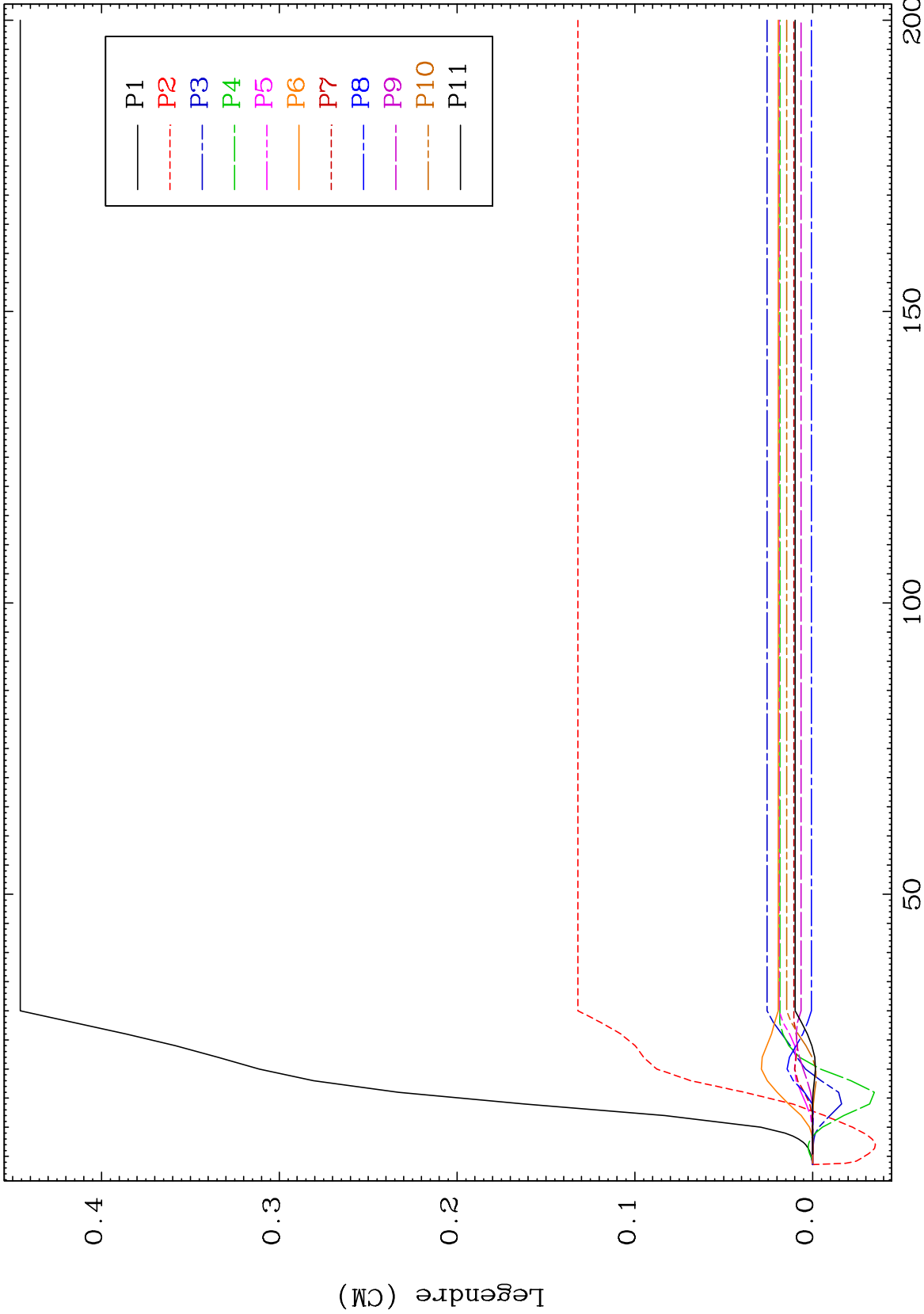
Incident Energy (MeV)

50

MAT 2825

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

28-Ni-58



51

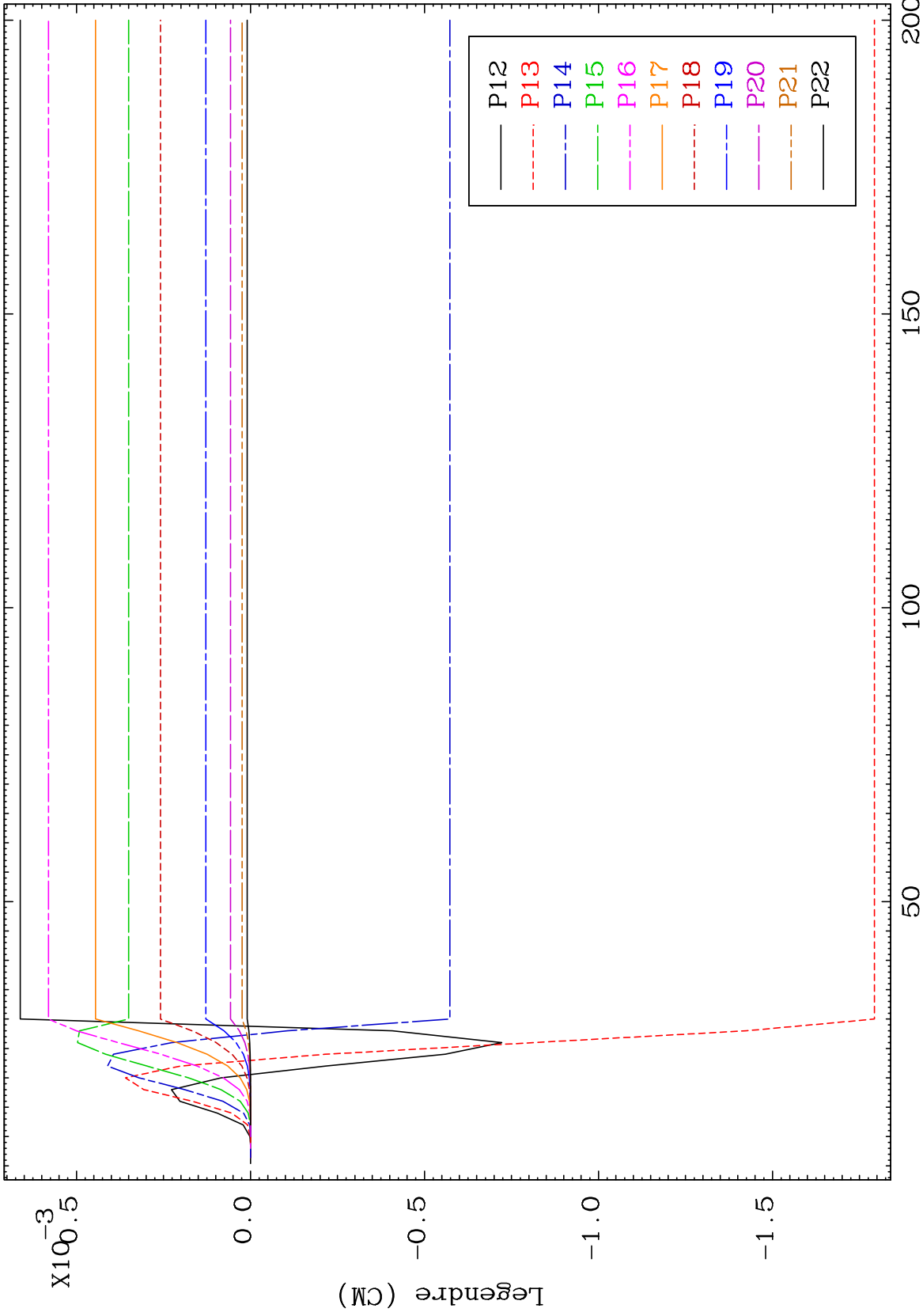
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



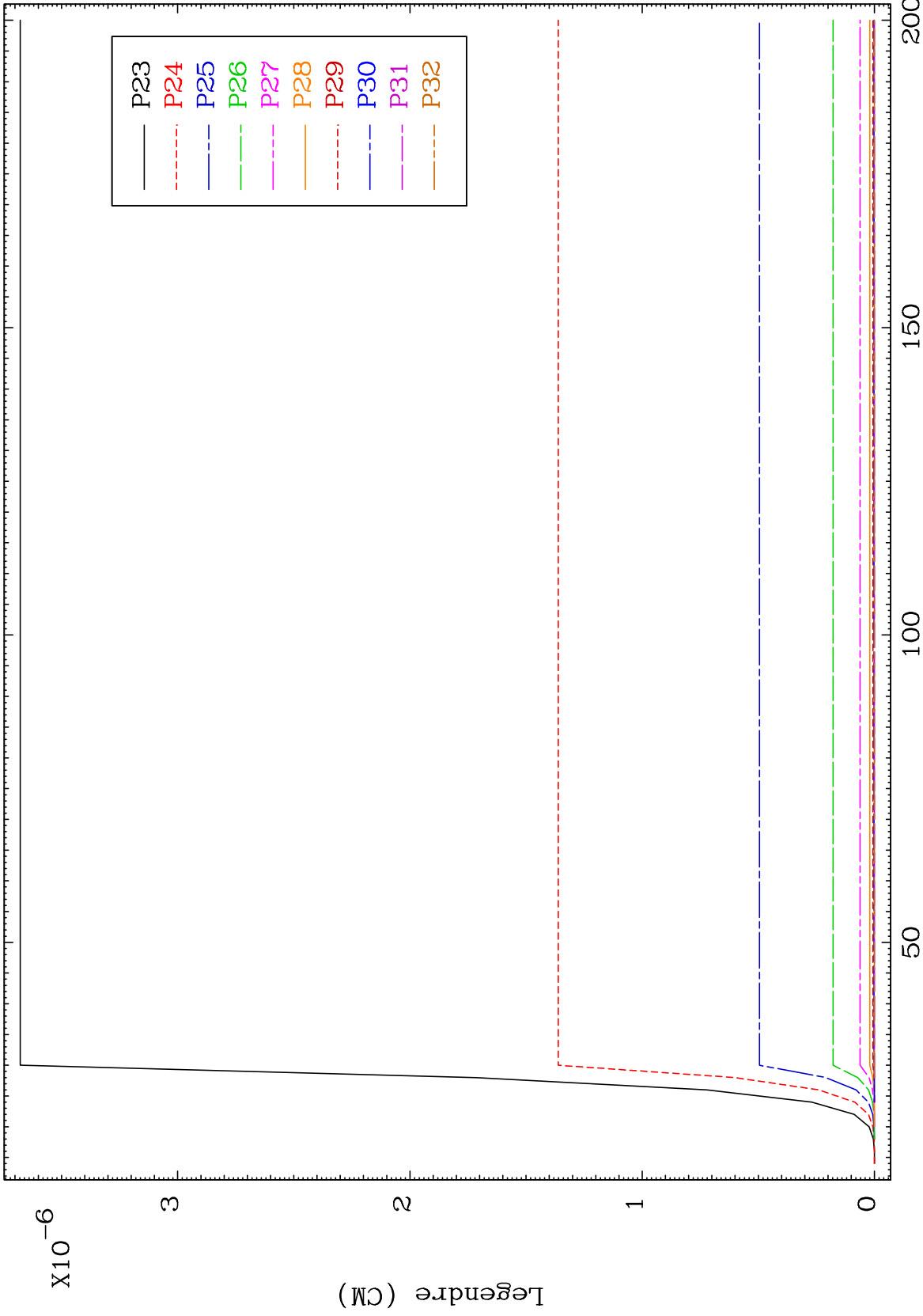
52

28-Ni-58

MAT 2825

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

28-Ni-58



53

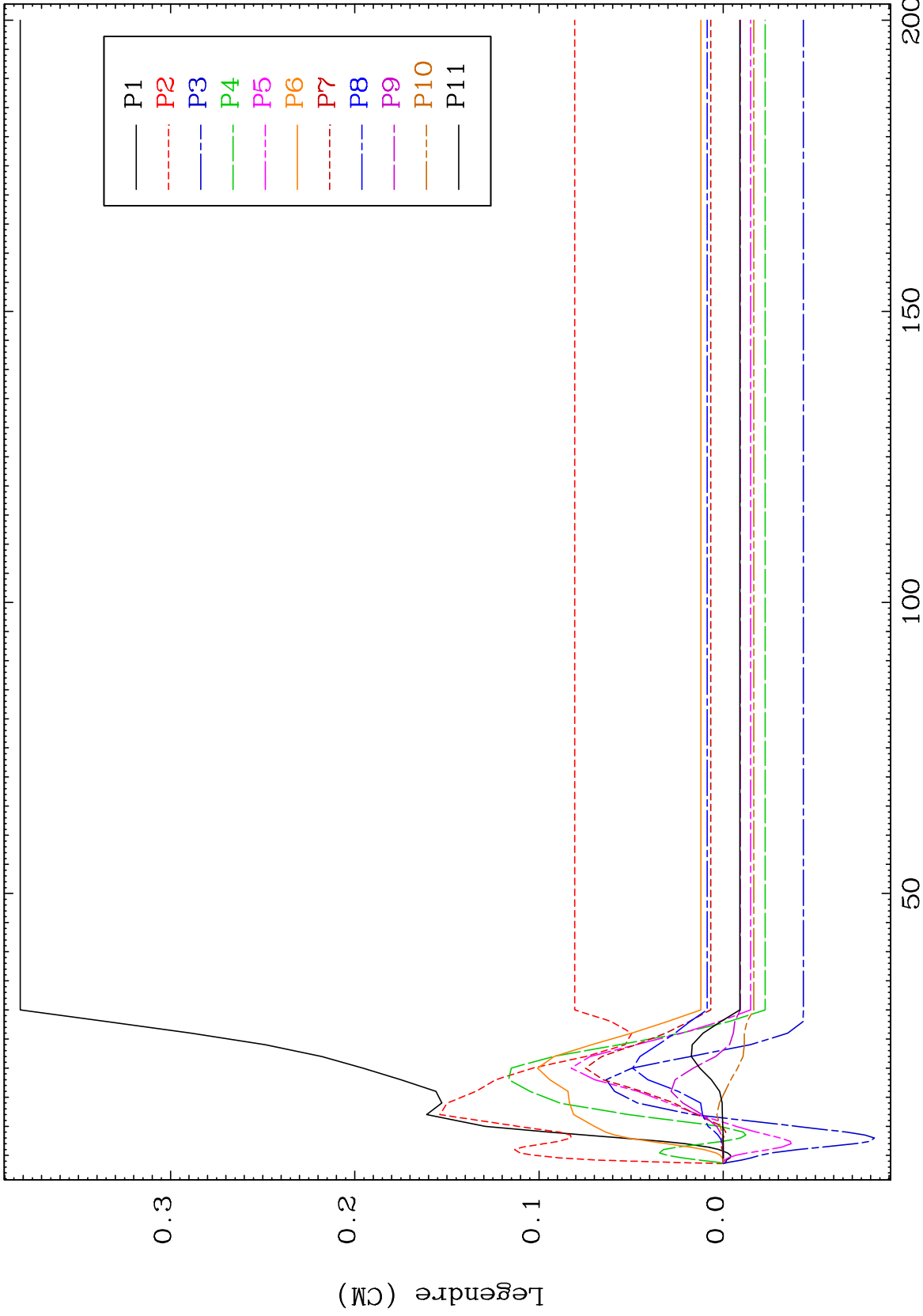
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



54

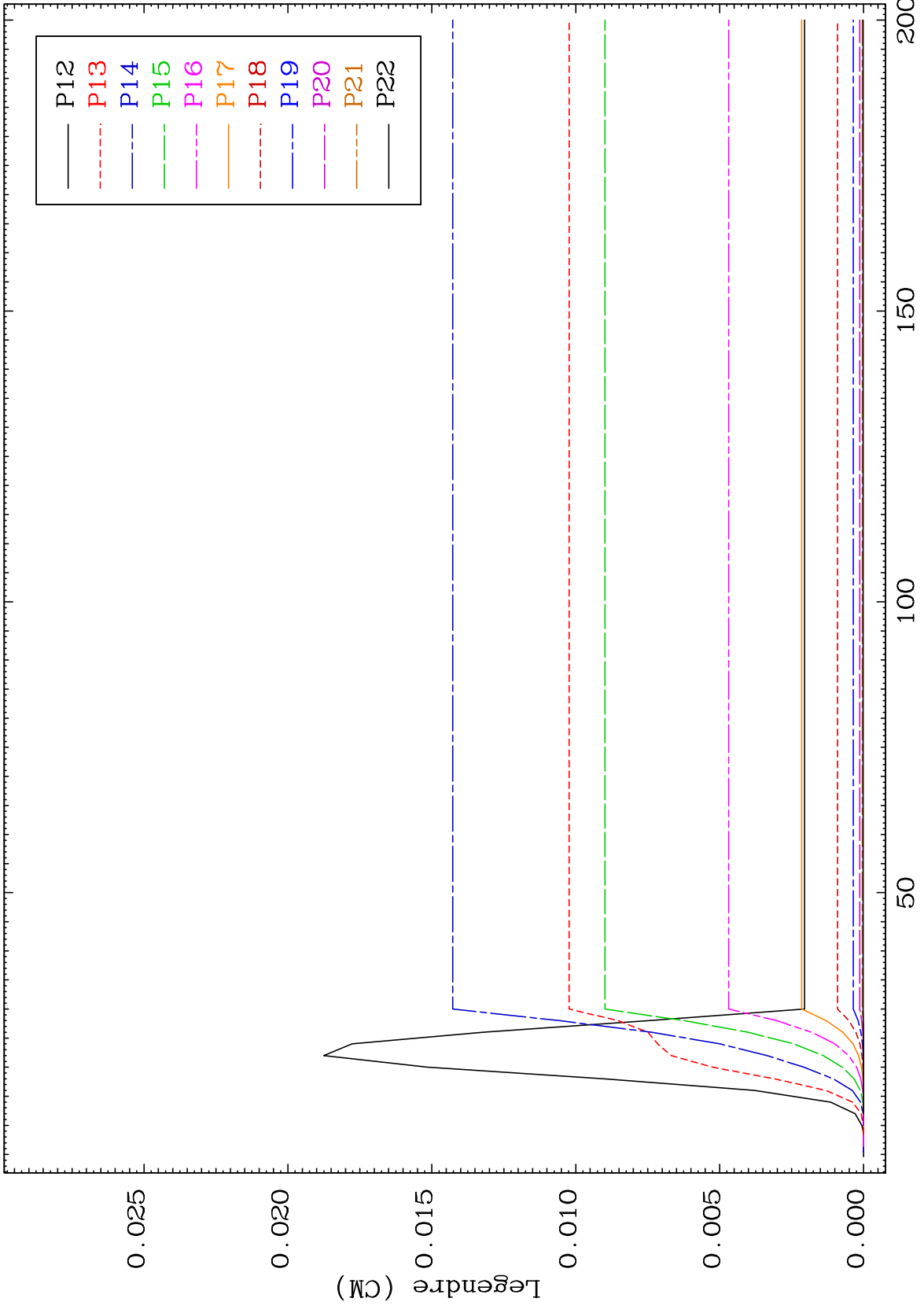
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



55

Incident Energy (MeV)

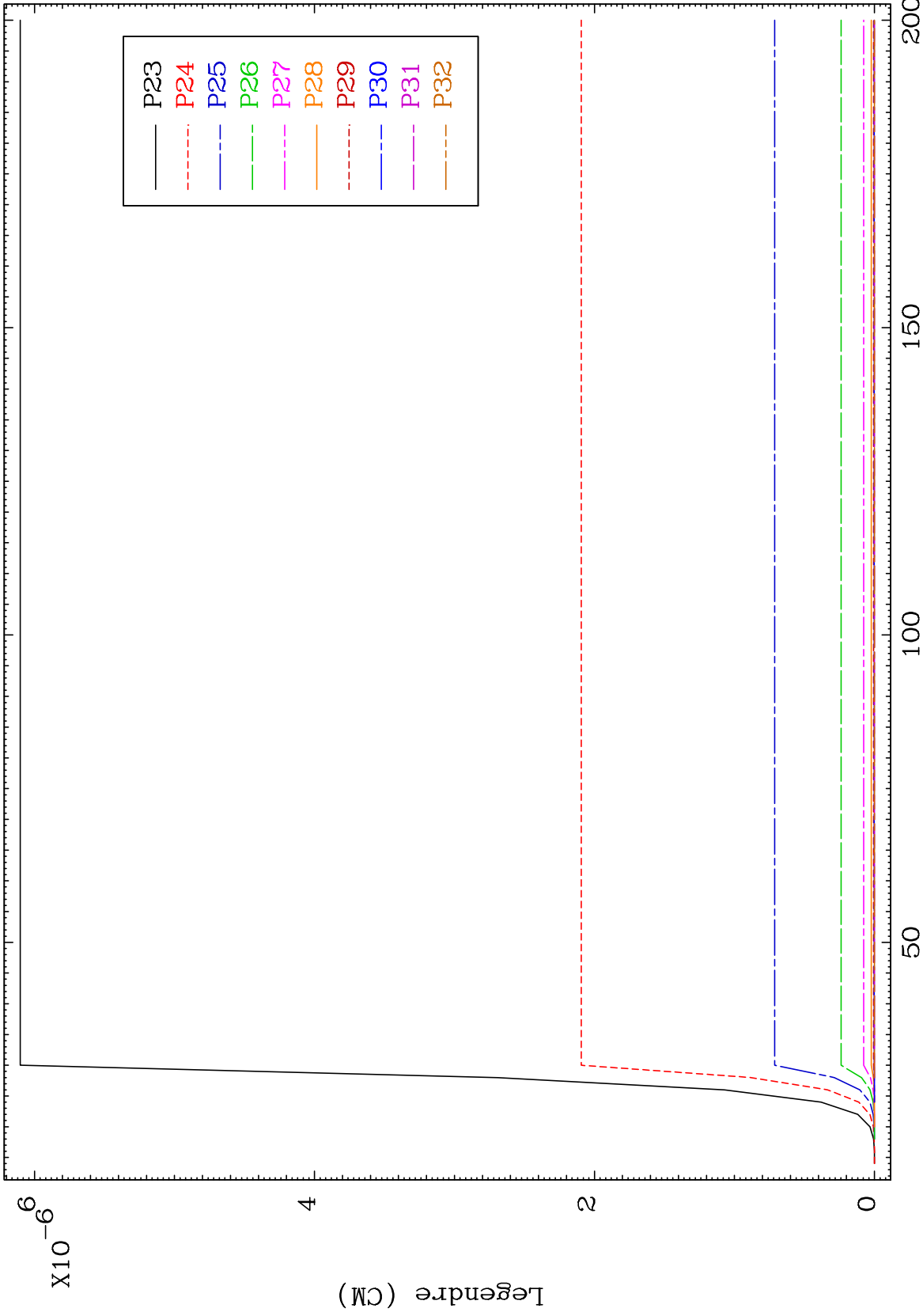
28-Ni-58



MAT 2825

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

28-Ni-58

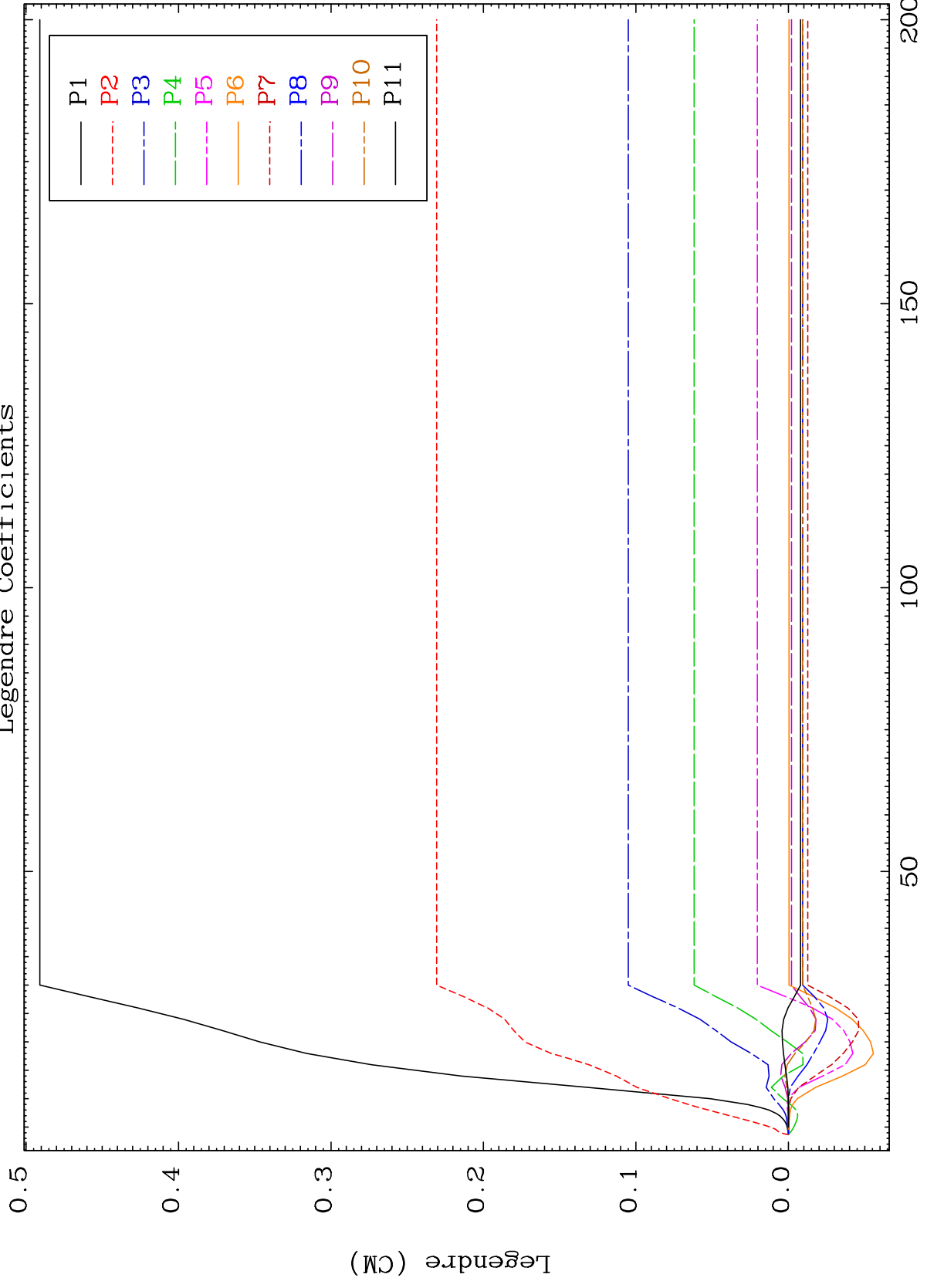


56

Incident Energy (MeV)

28-Ni-58

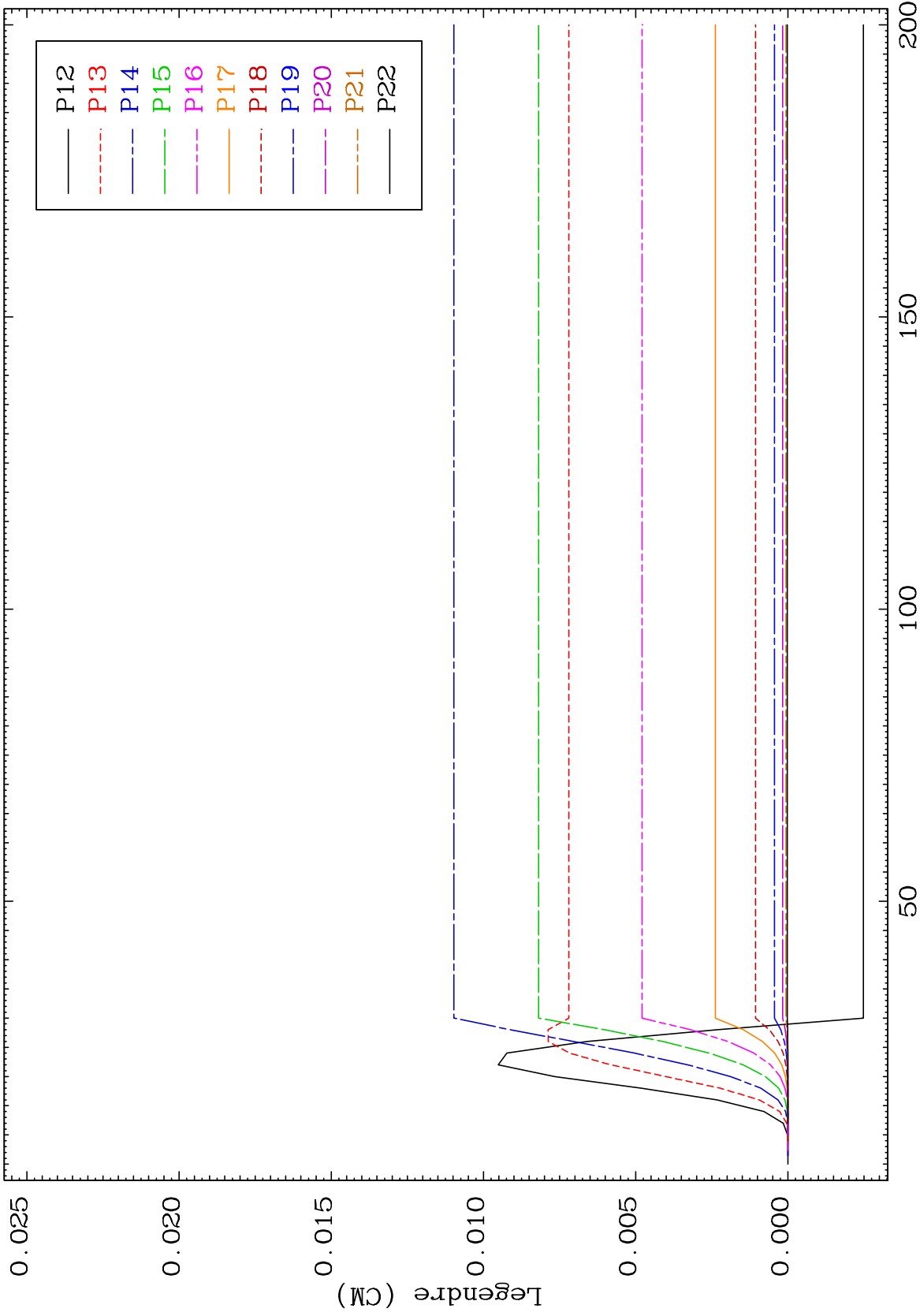
MAT 2825 MT= 64 (n,n') Level Legendre Coefficients 28-Ni-58



MAT 2825

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

28-Ni-58



58

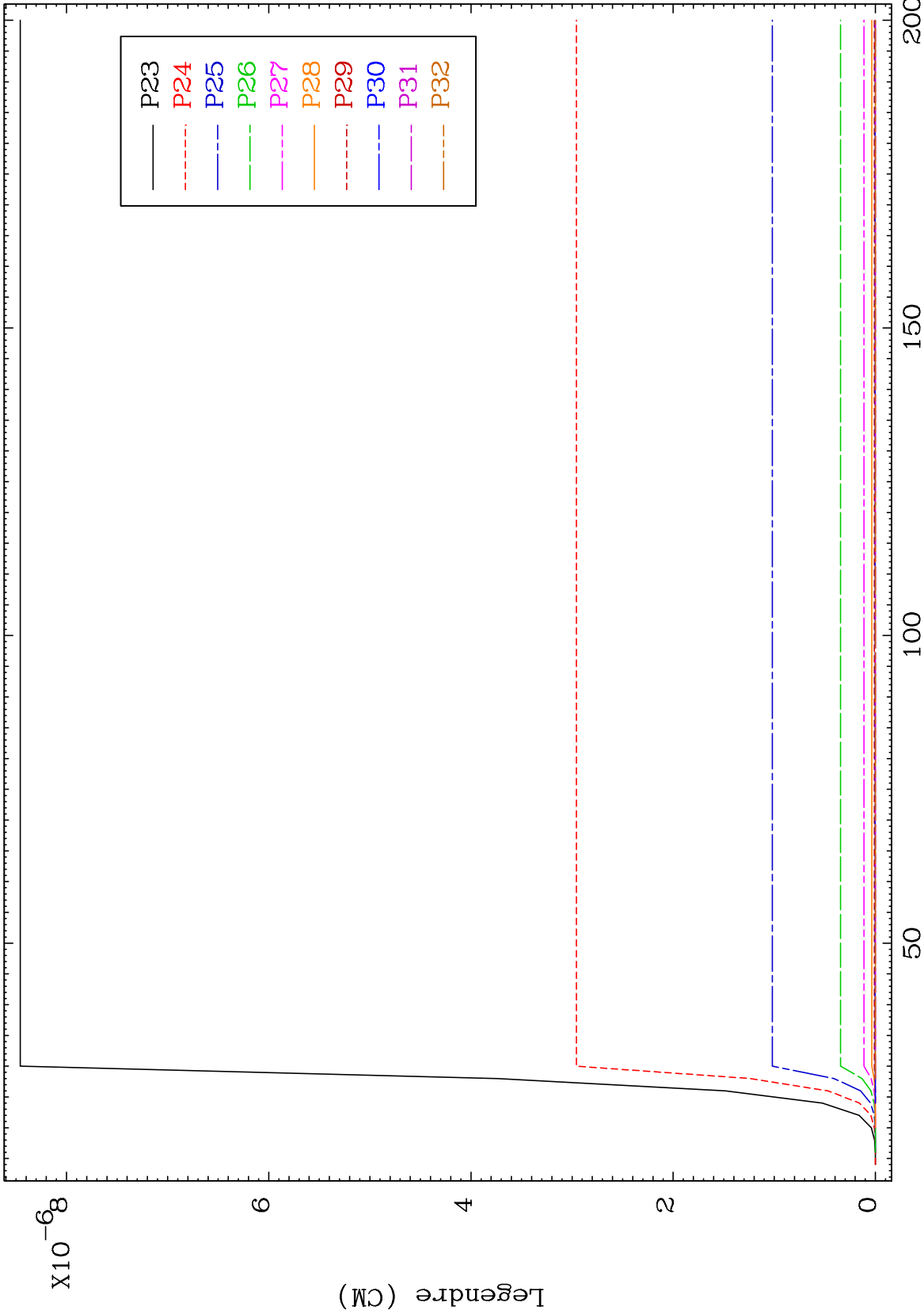
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



59

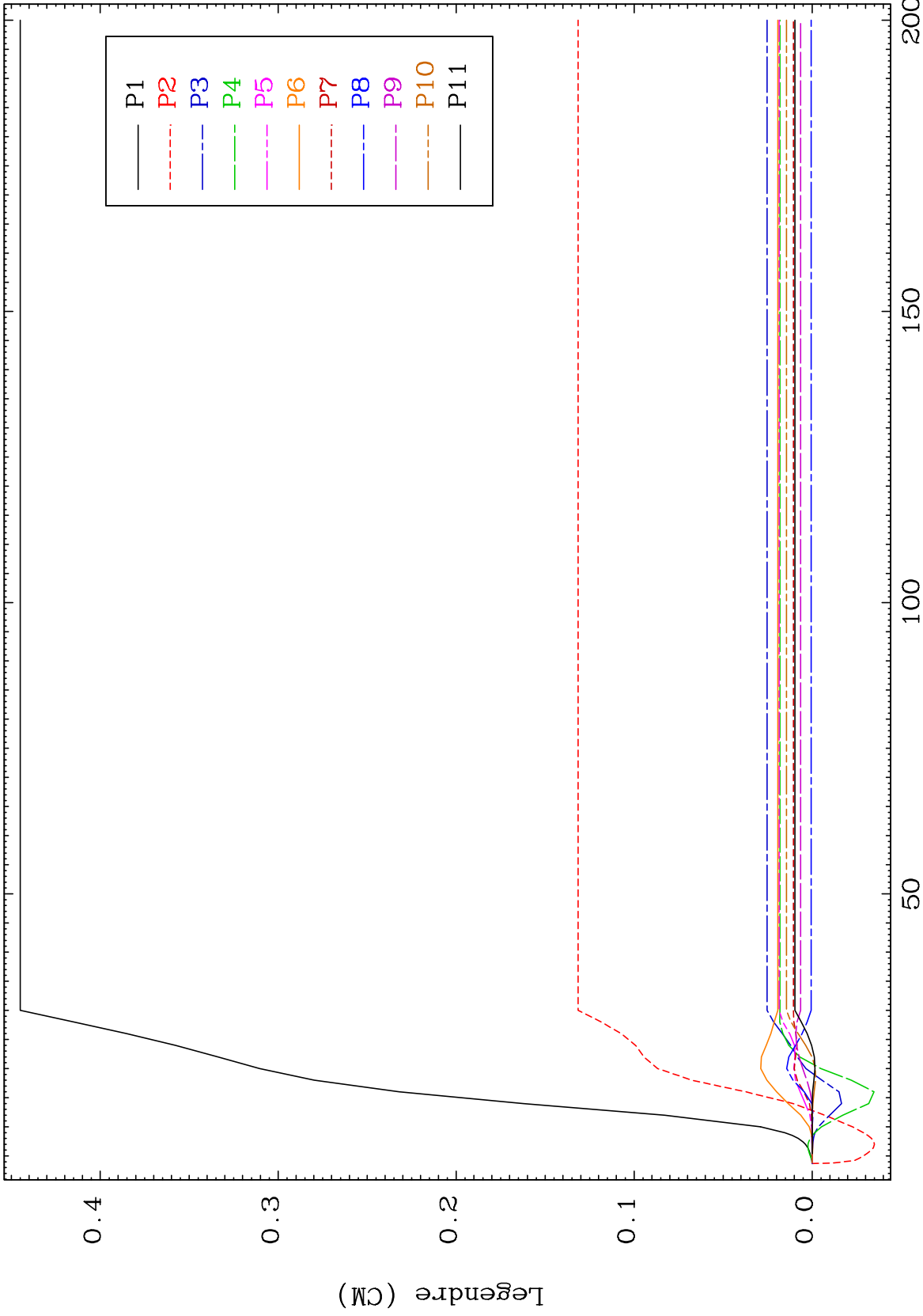
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



60

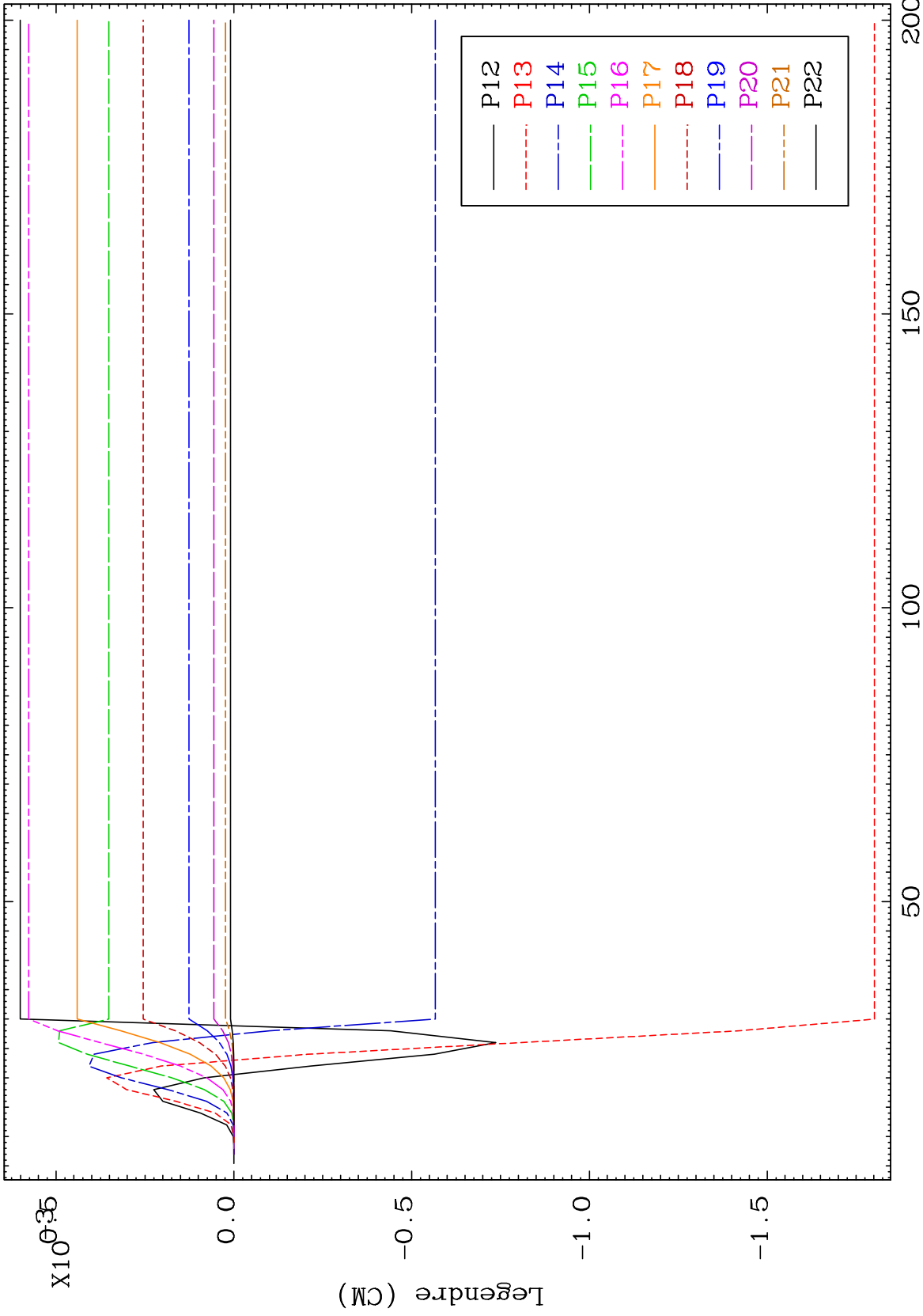
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



61

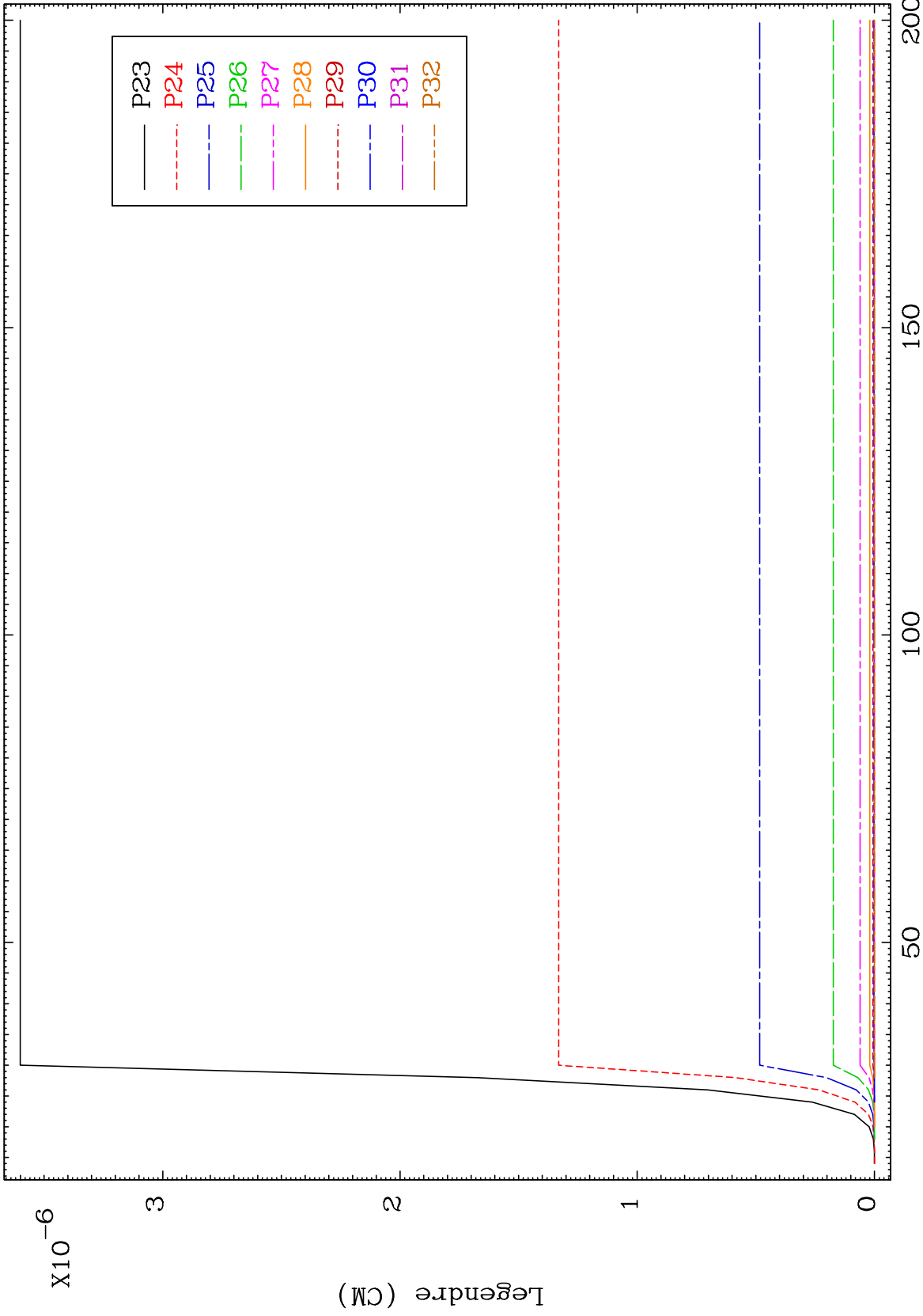
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58

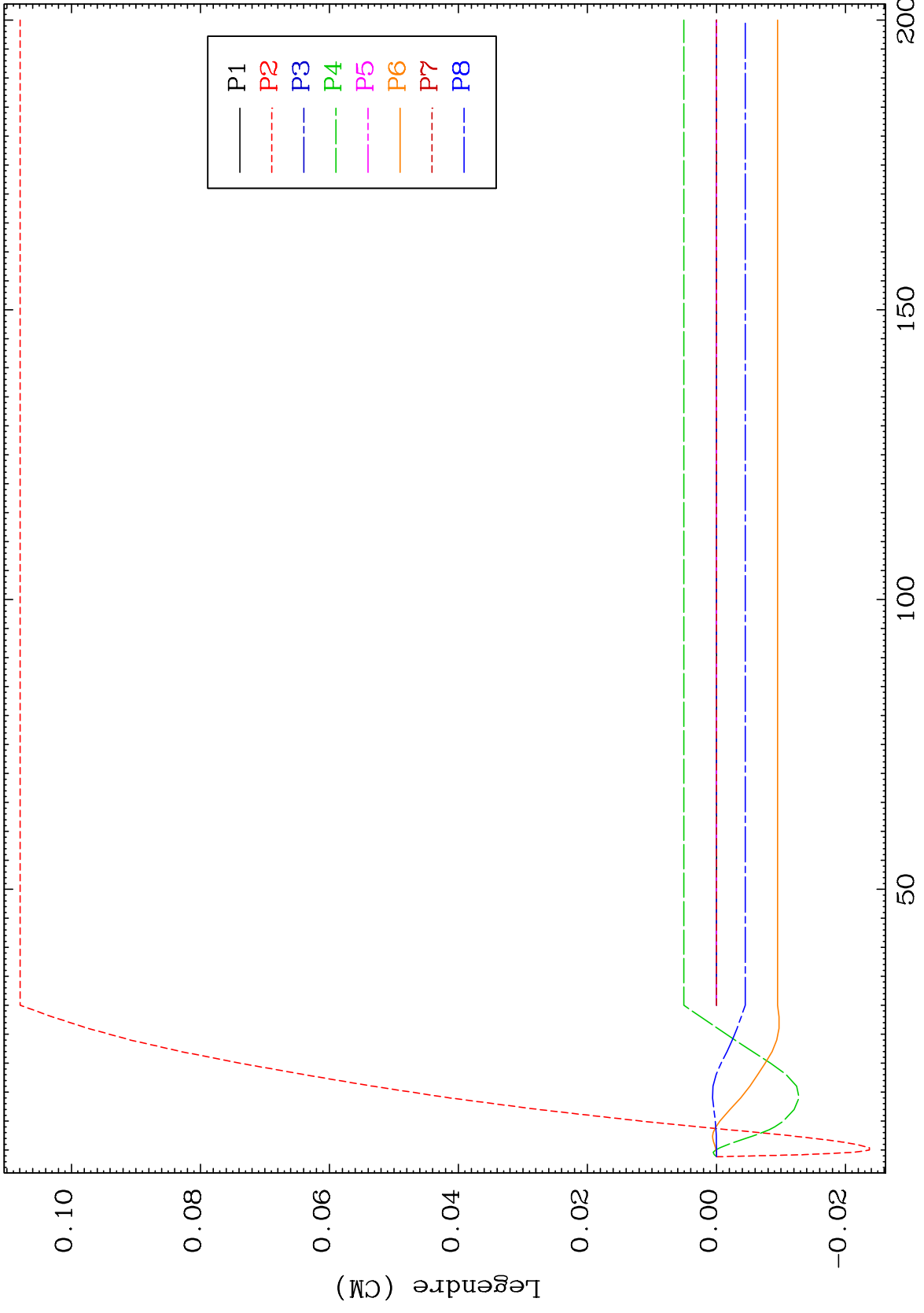


62

Incident Energy (MeV)

28-Ni-58

MAT 2825 MT= 66 (n,n') Level Legendre Coefficients 28-Ni-58



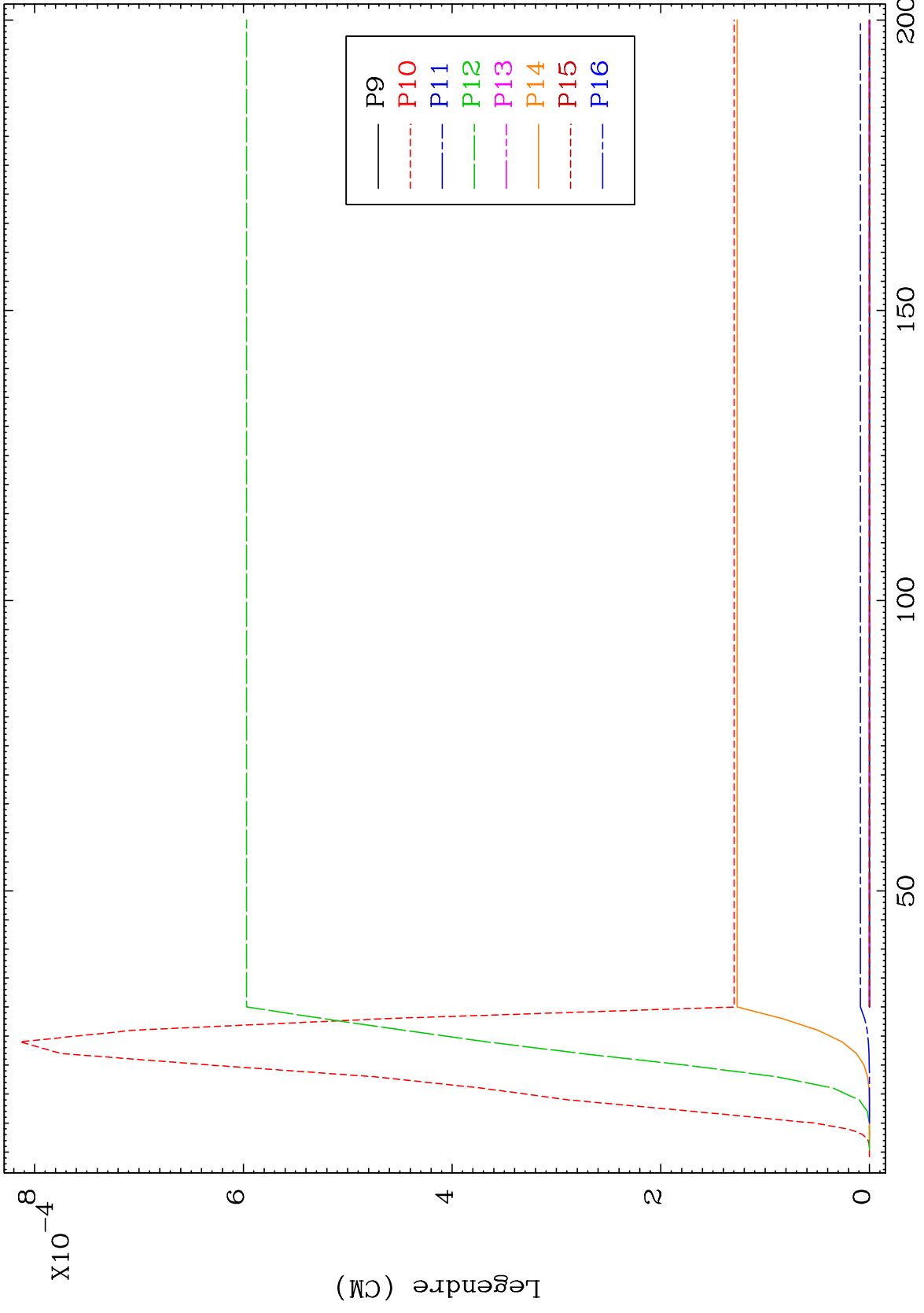
63 Incident Energy (MeV) 28-Ni-58



MAT 2825

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

28-Ni-58

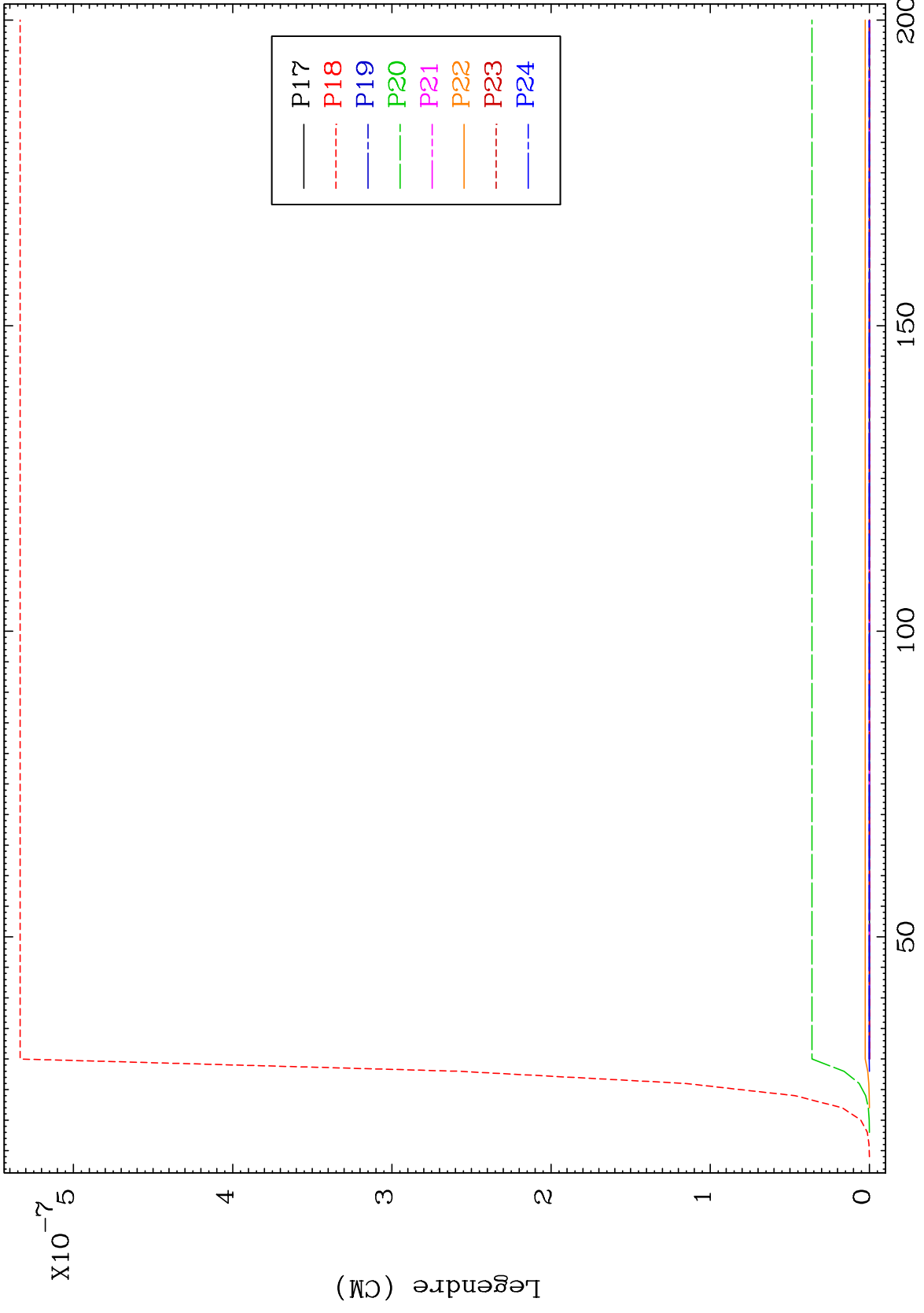


64

Incident Energy (MeV)

28-Ni-58

MAT 2825 MT= 66 (n,n') Level Legendre Coefficients 28-Ni-58

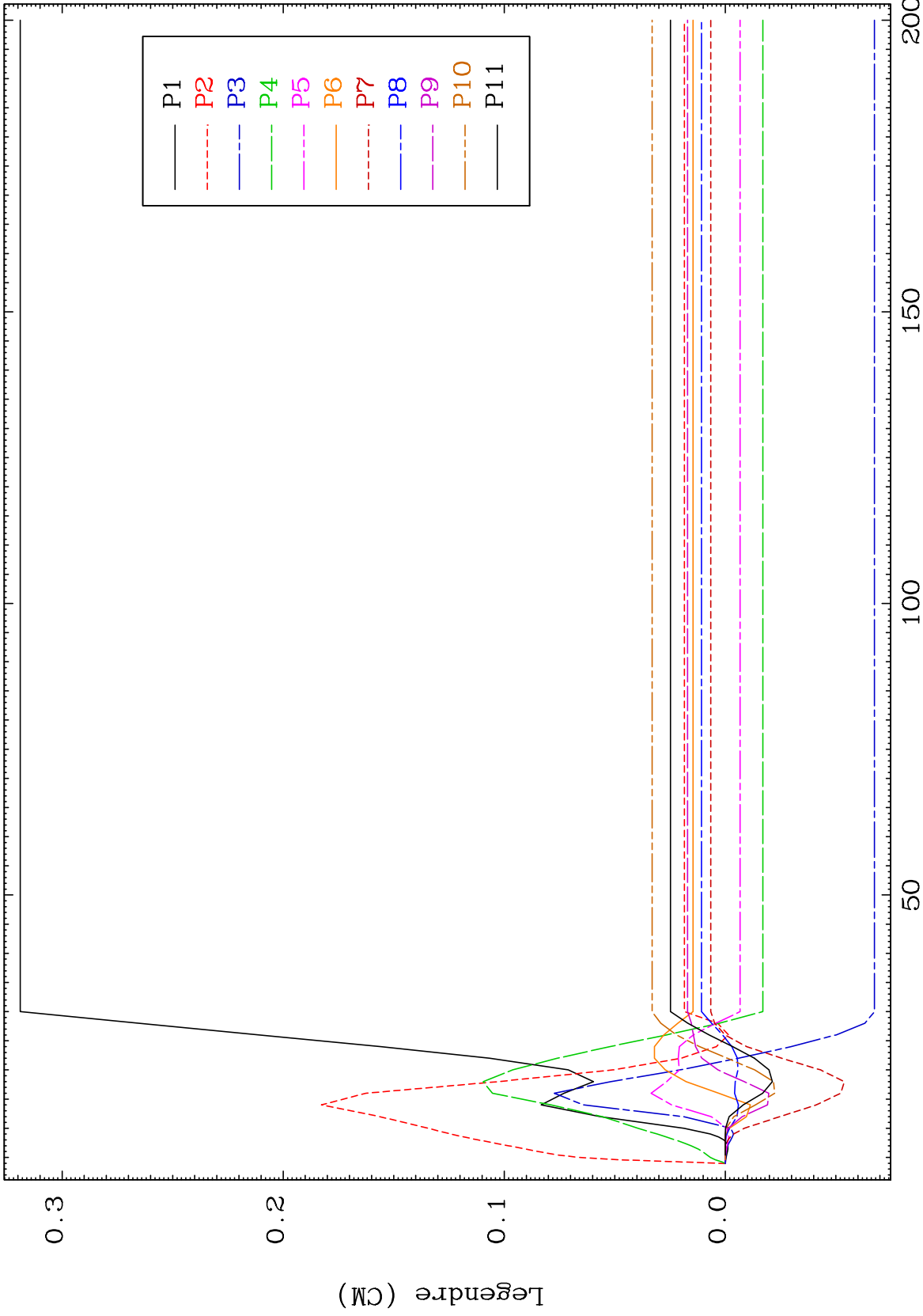


65 Incident Energy (MeV) 28-Ni-58

MAT 2825

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

28-Ni-58



66

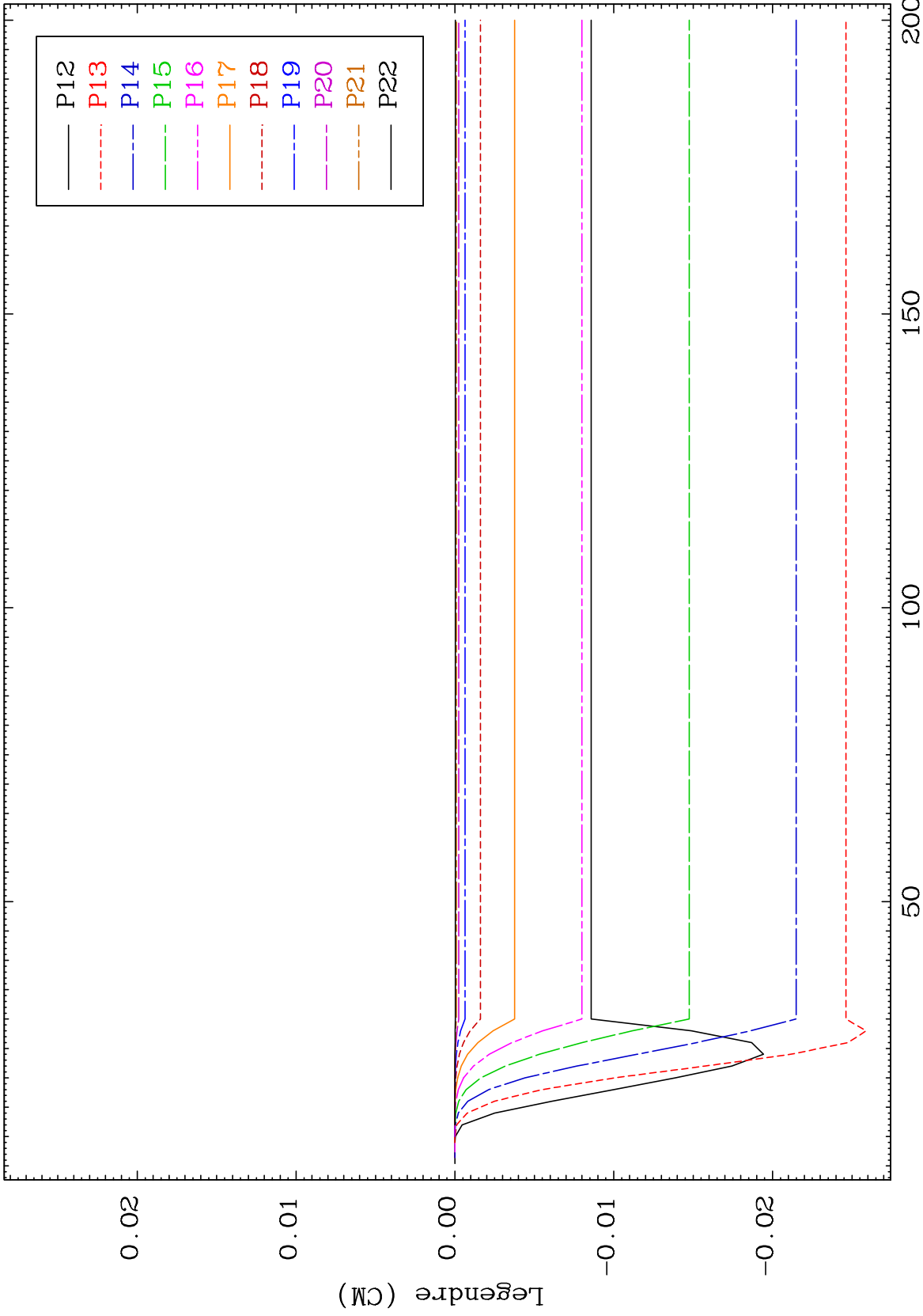
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



67

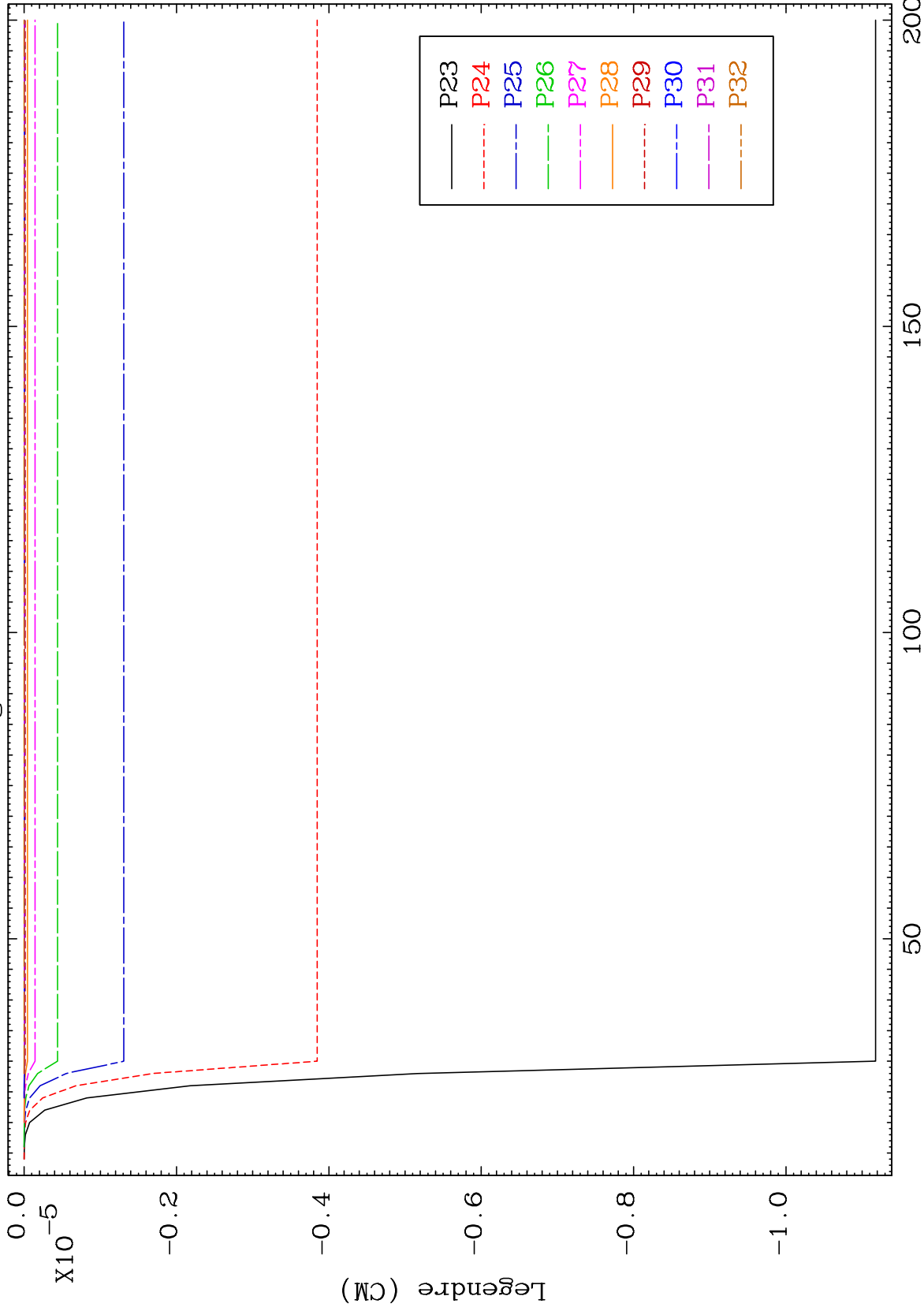
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



68

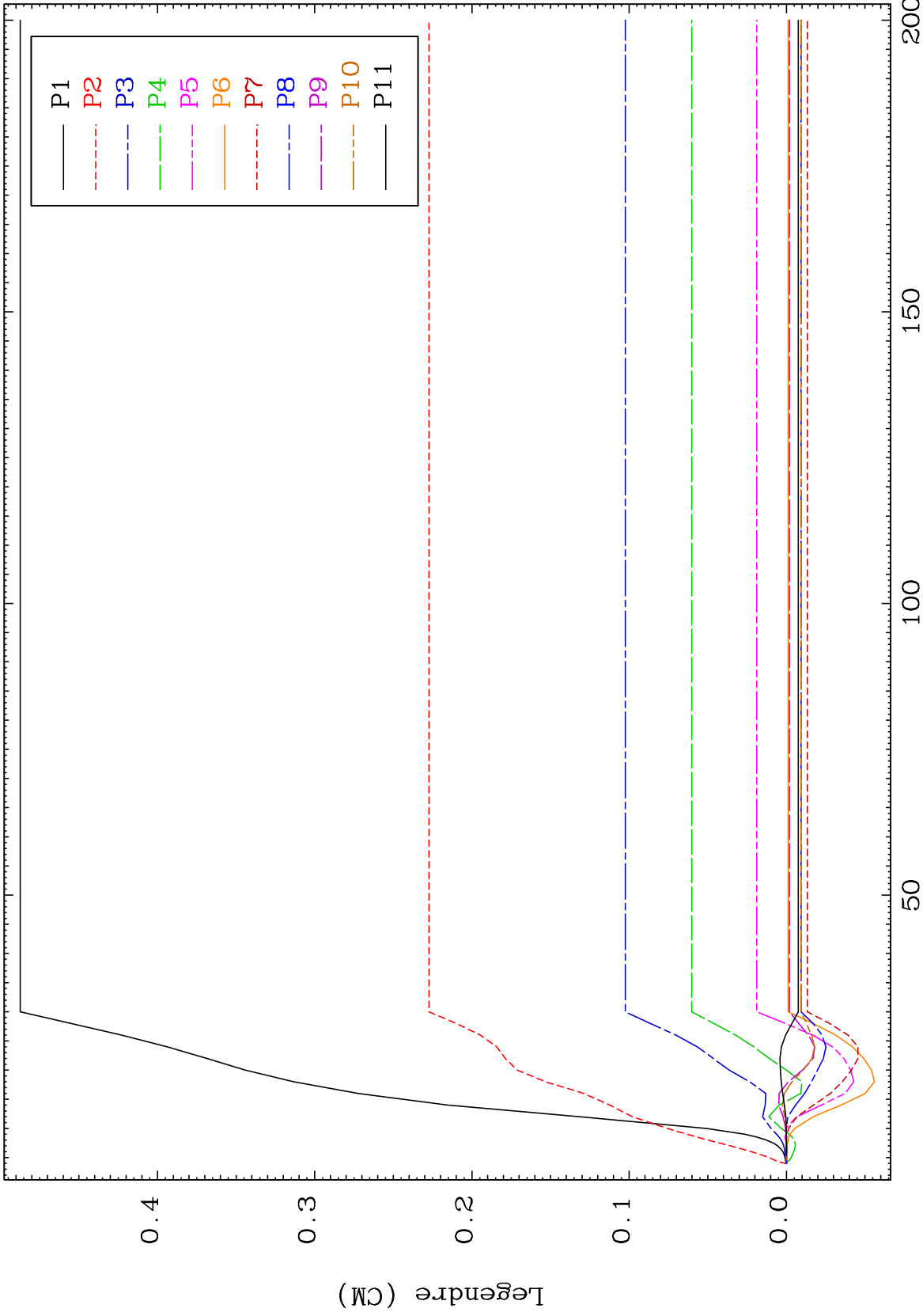
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



69

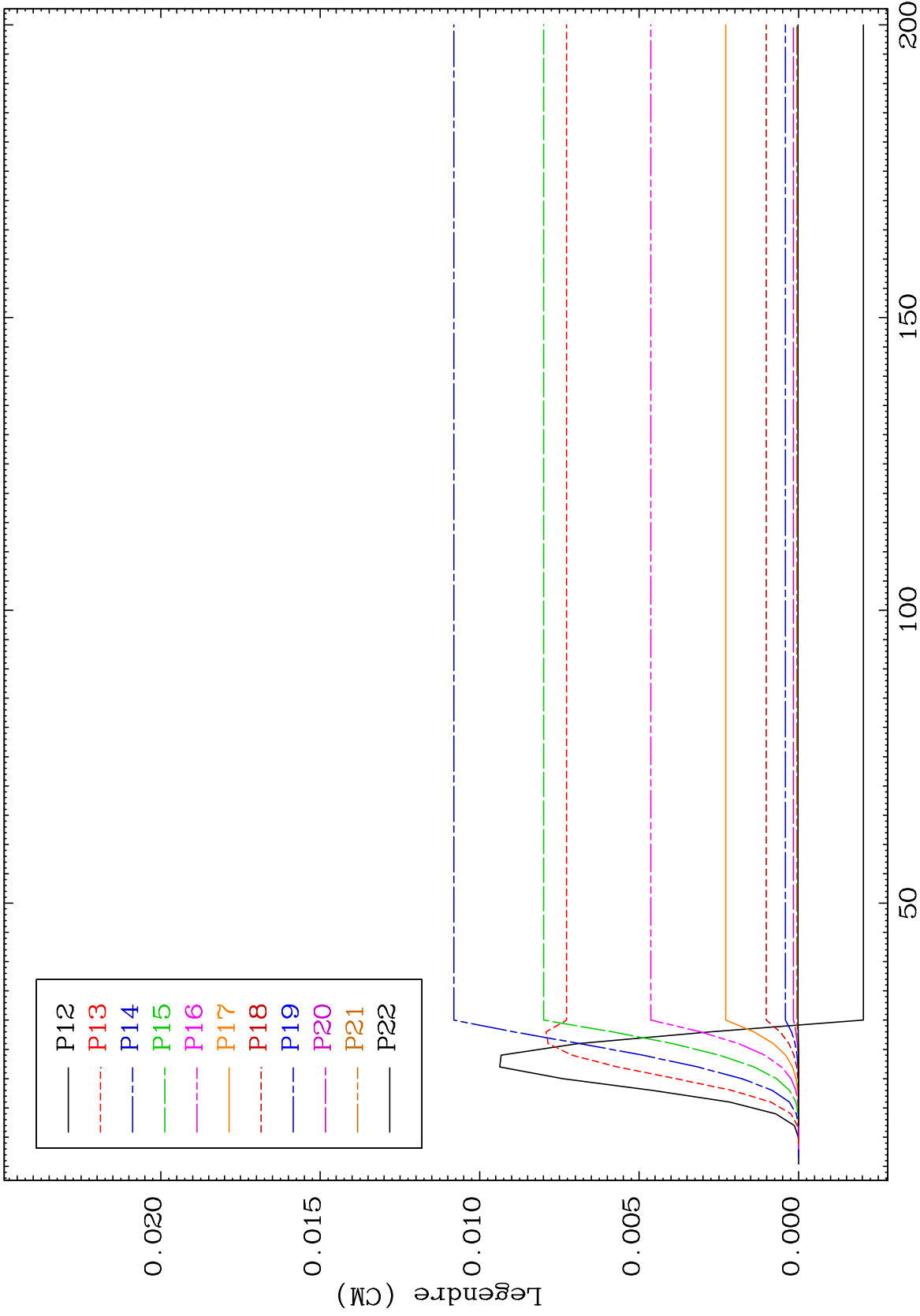
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



70

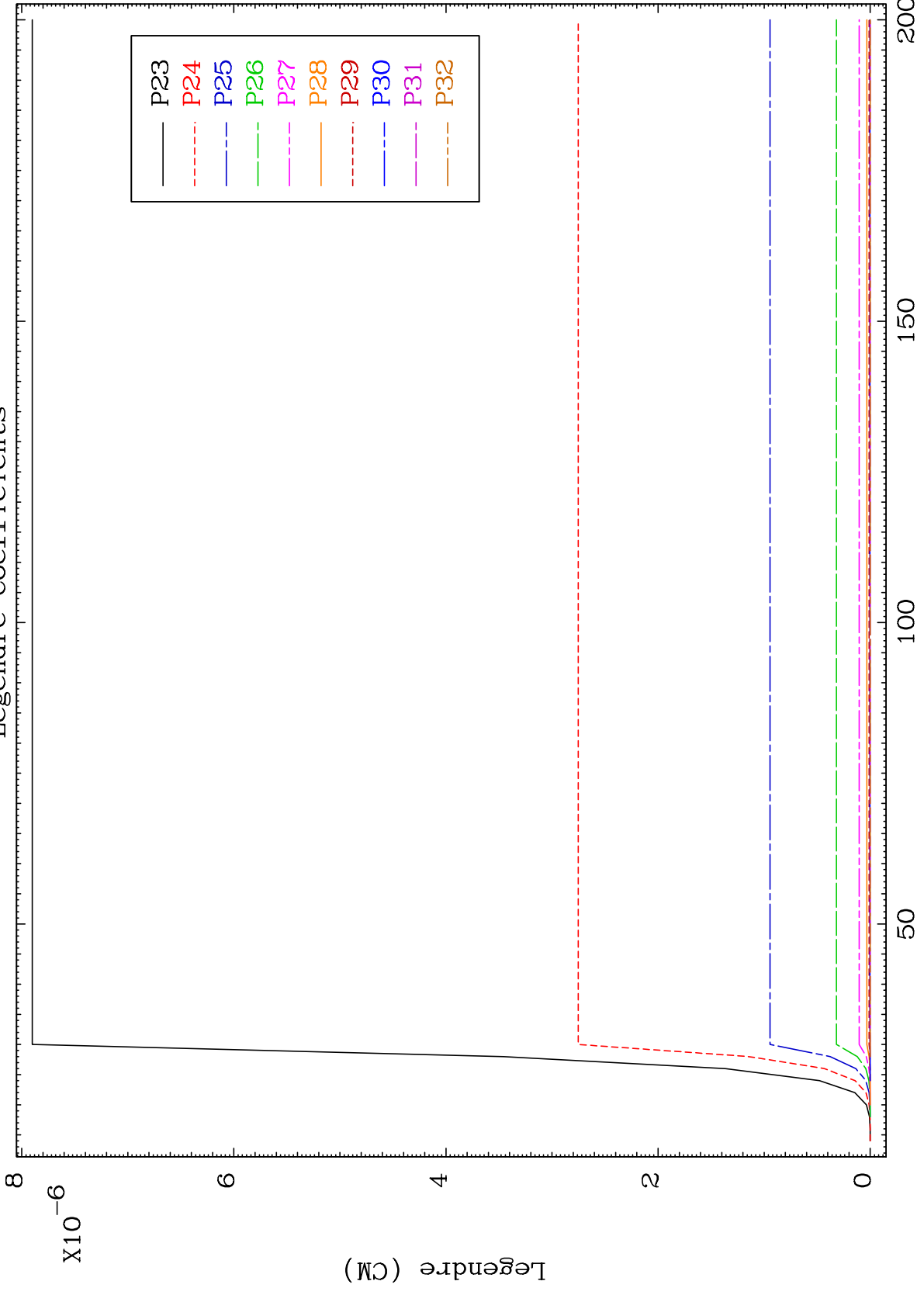
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



71

Incident Energy (MeV)

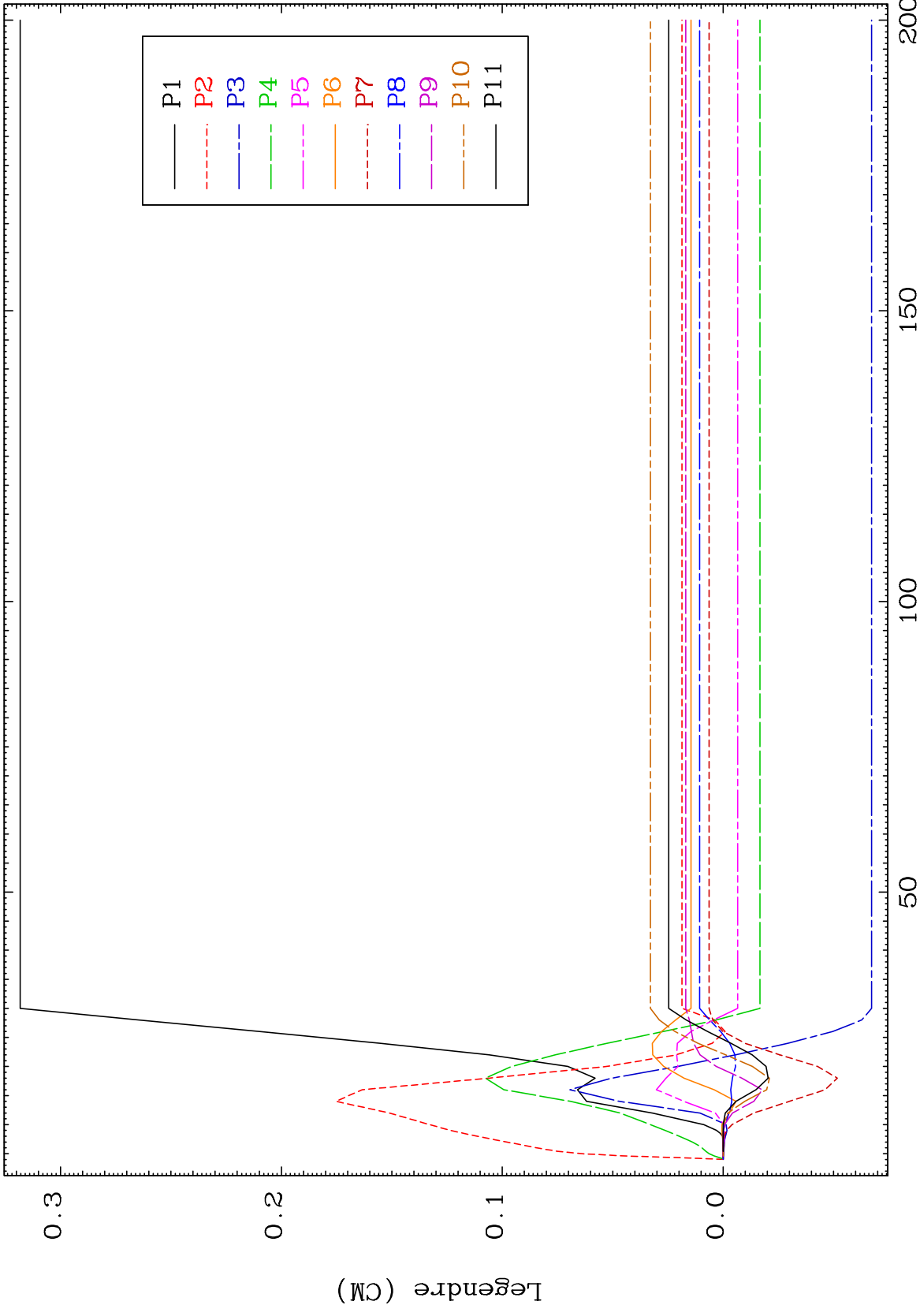
28-Ni-58



MAT 2825

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

28-Ni-58



72

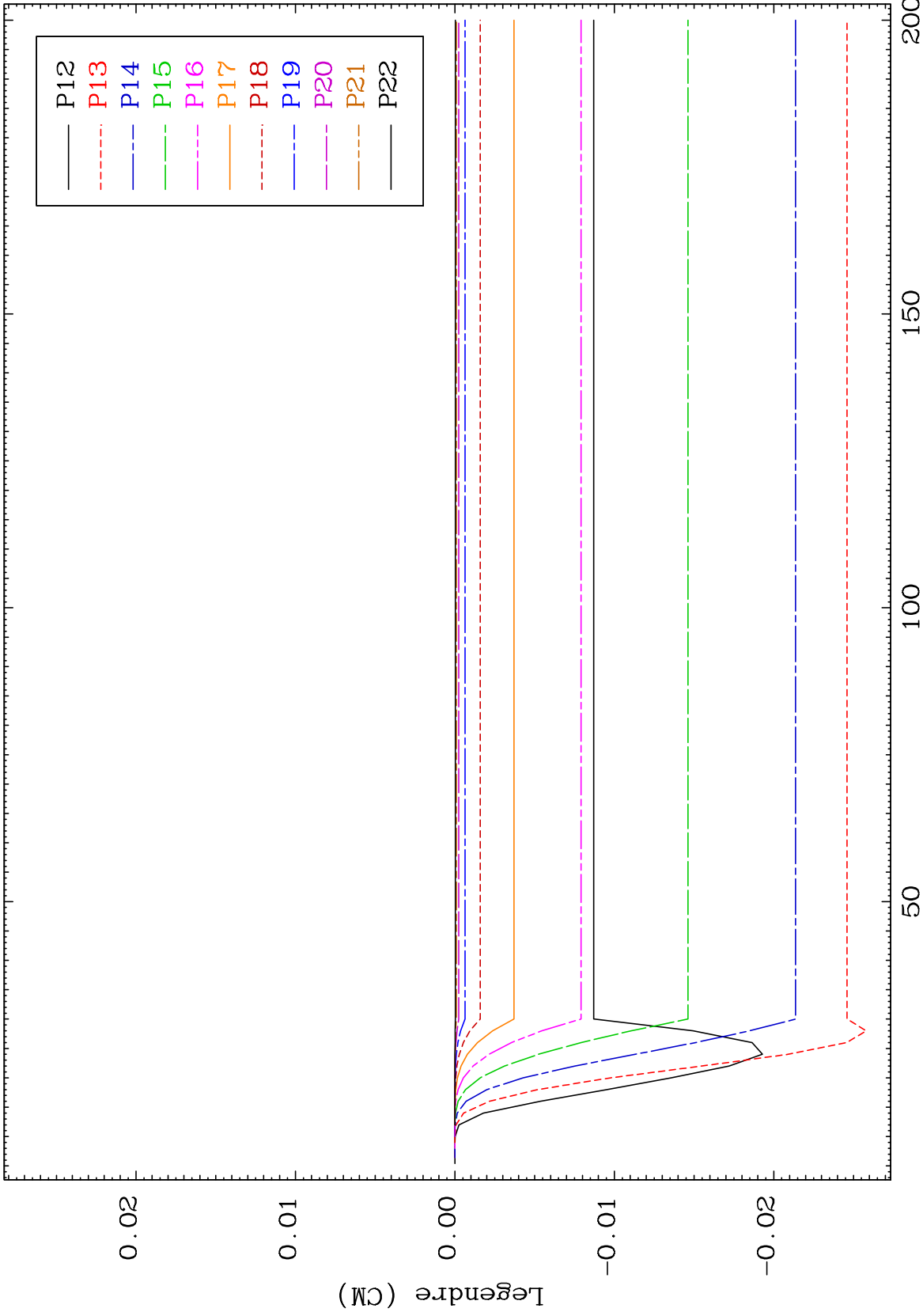
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



73

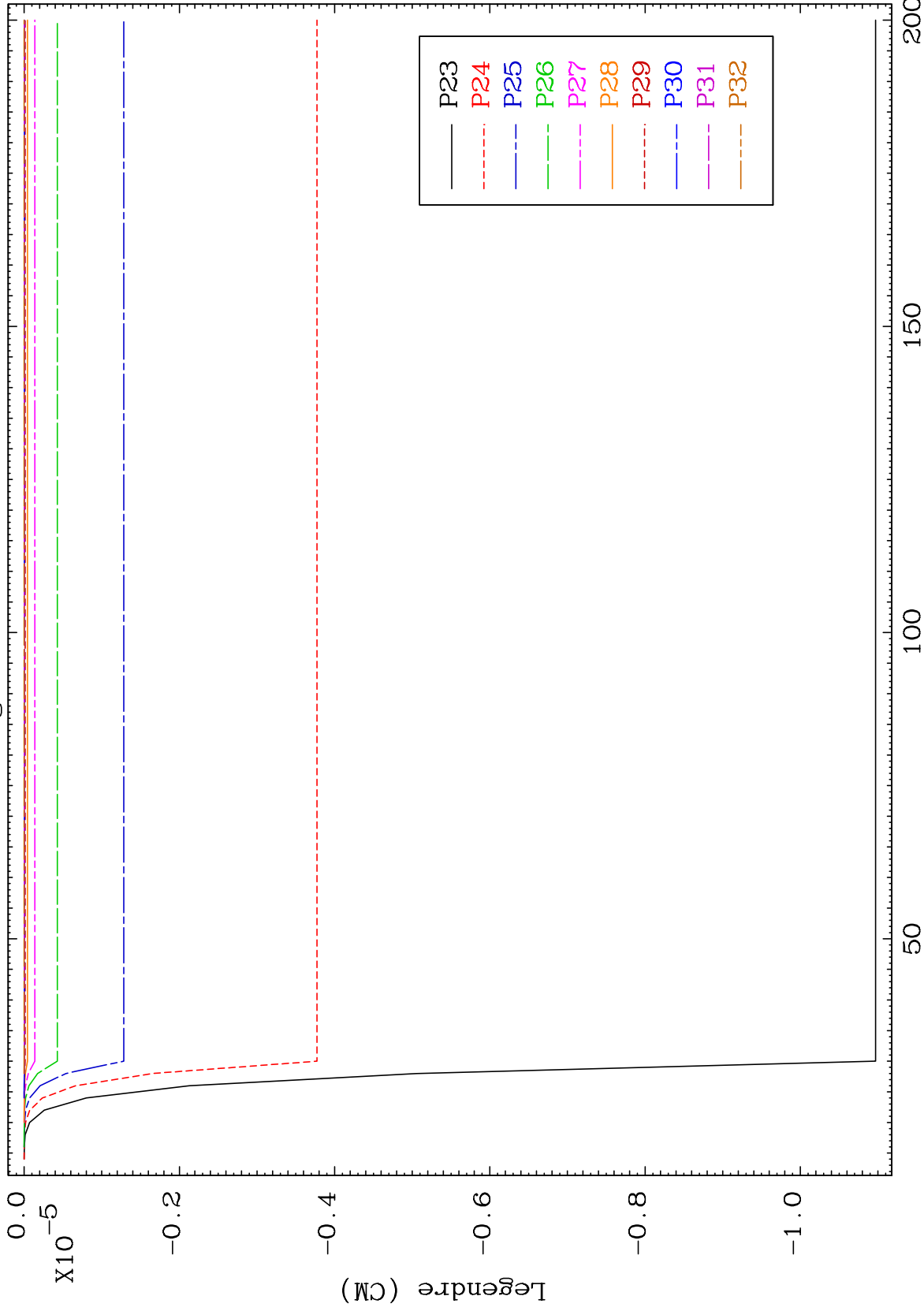
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



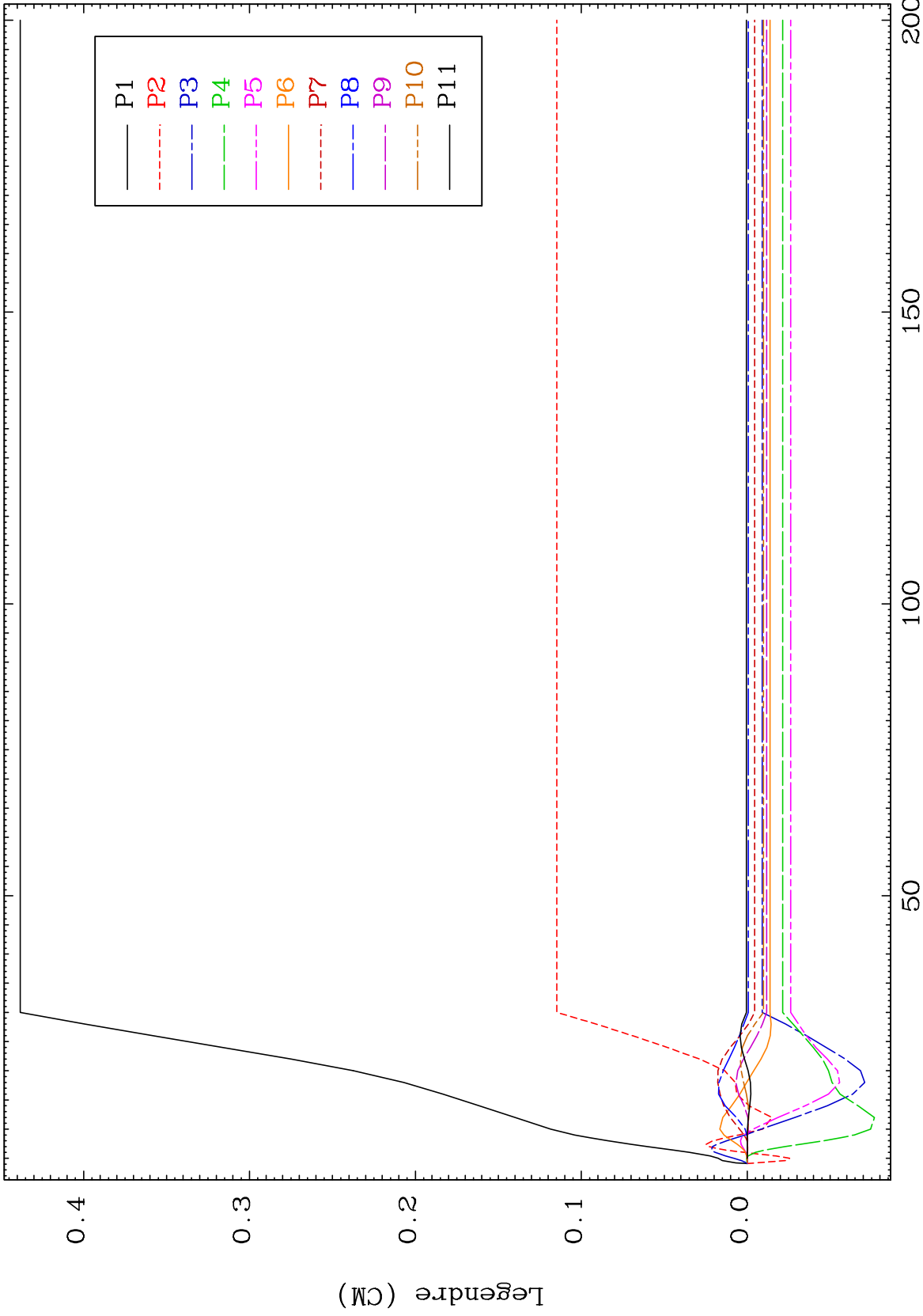
74

28-Ni-58

MAT 2825

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

28-Ni-58



75

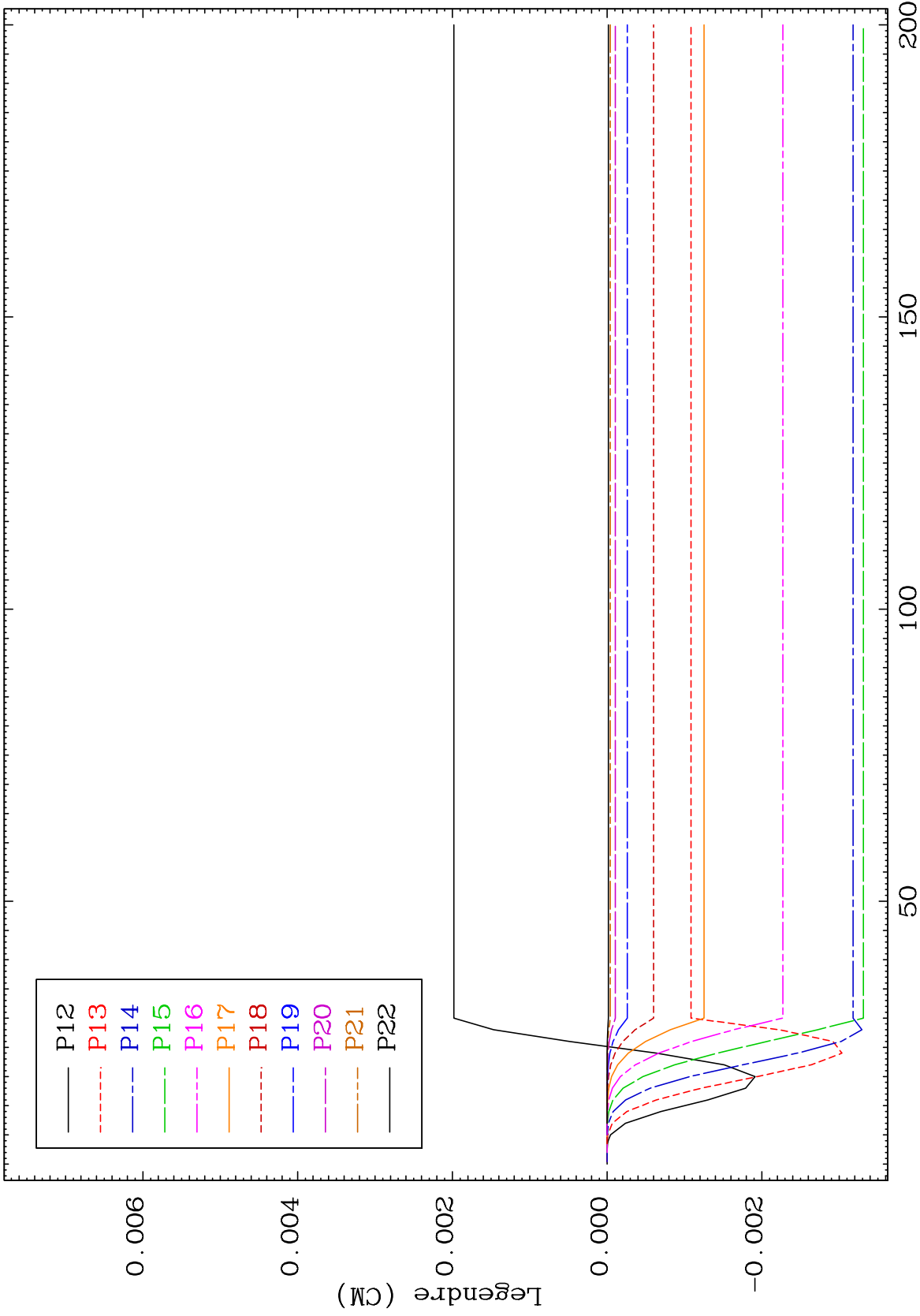
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



76

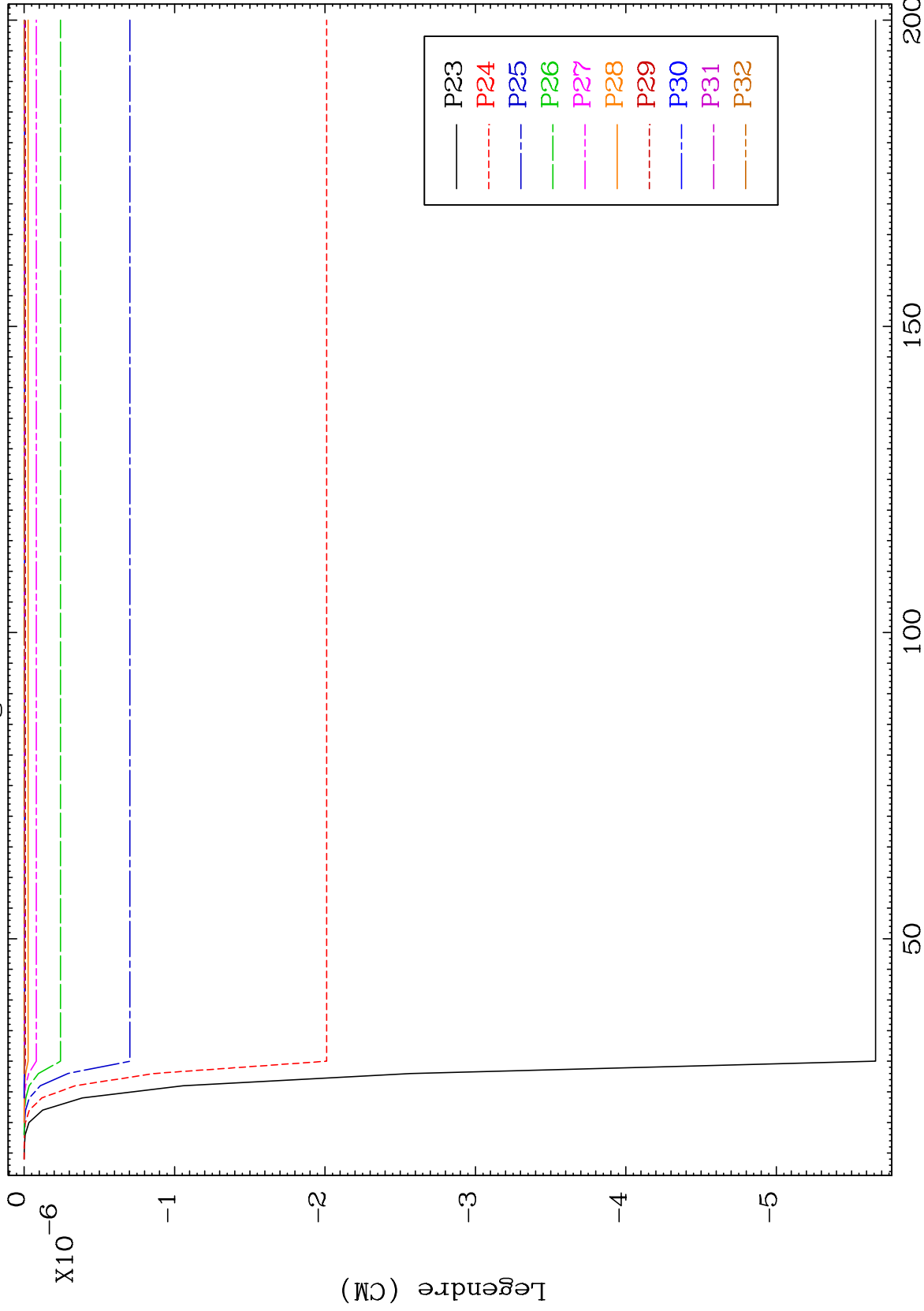
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



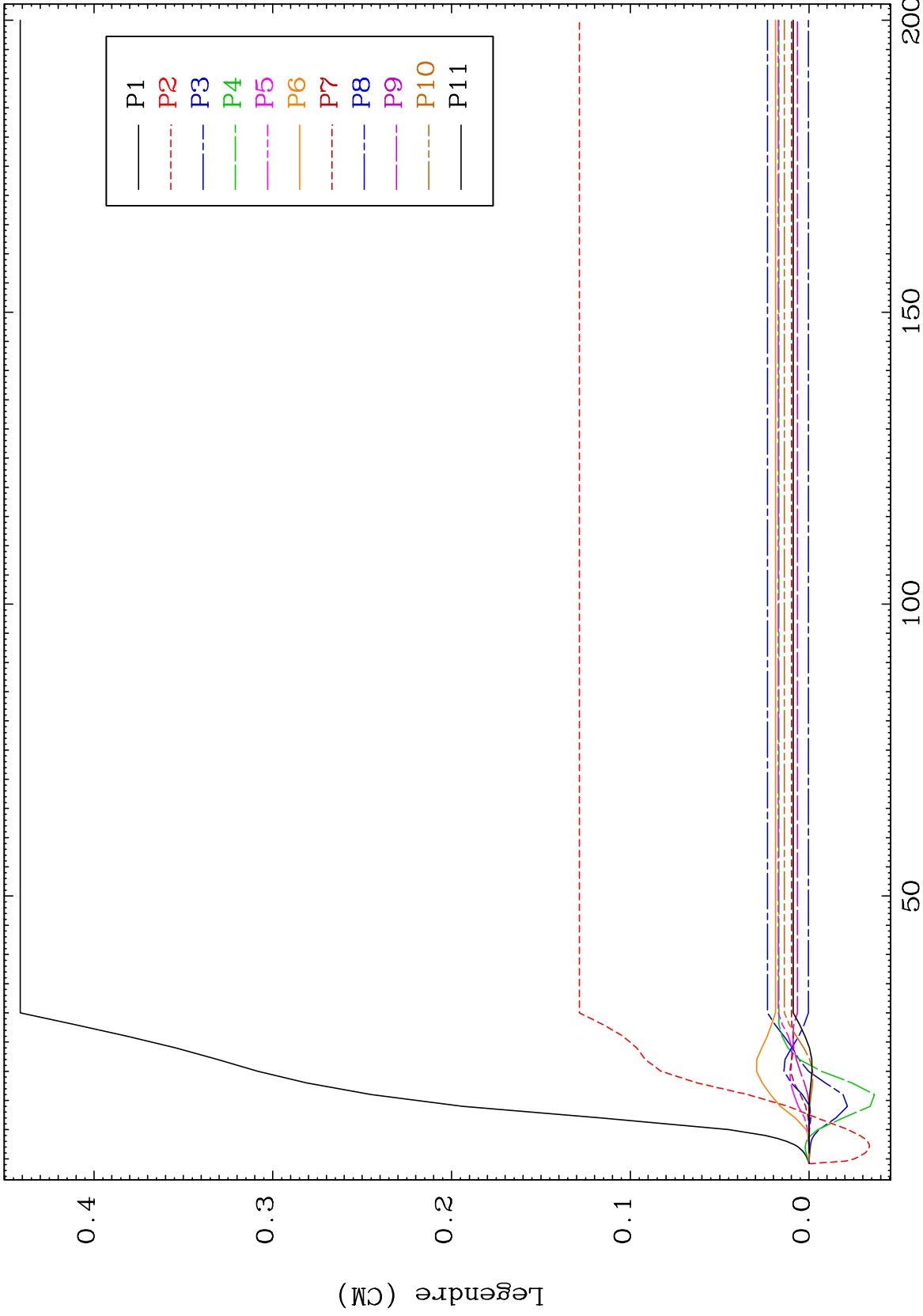
28-Ni-58

77

MAT 2825

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

28-Ni-58



78

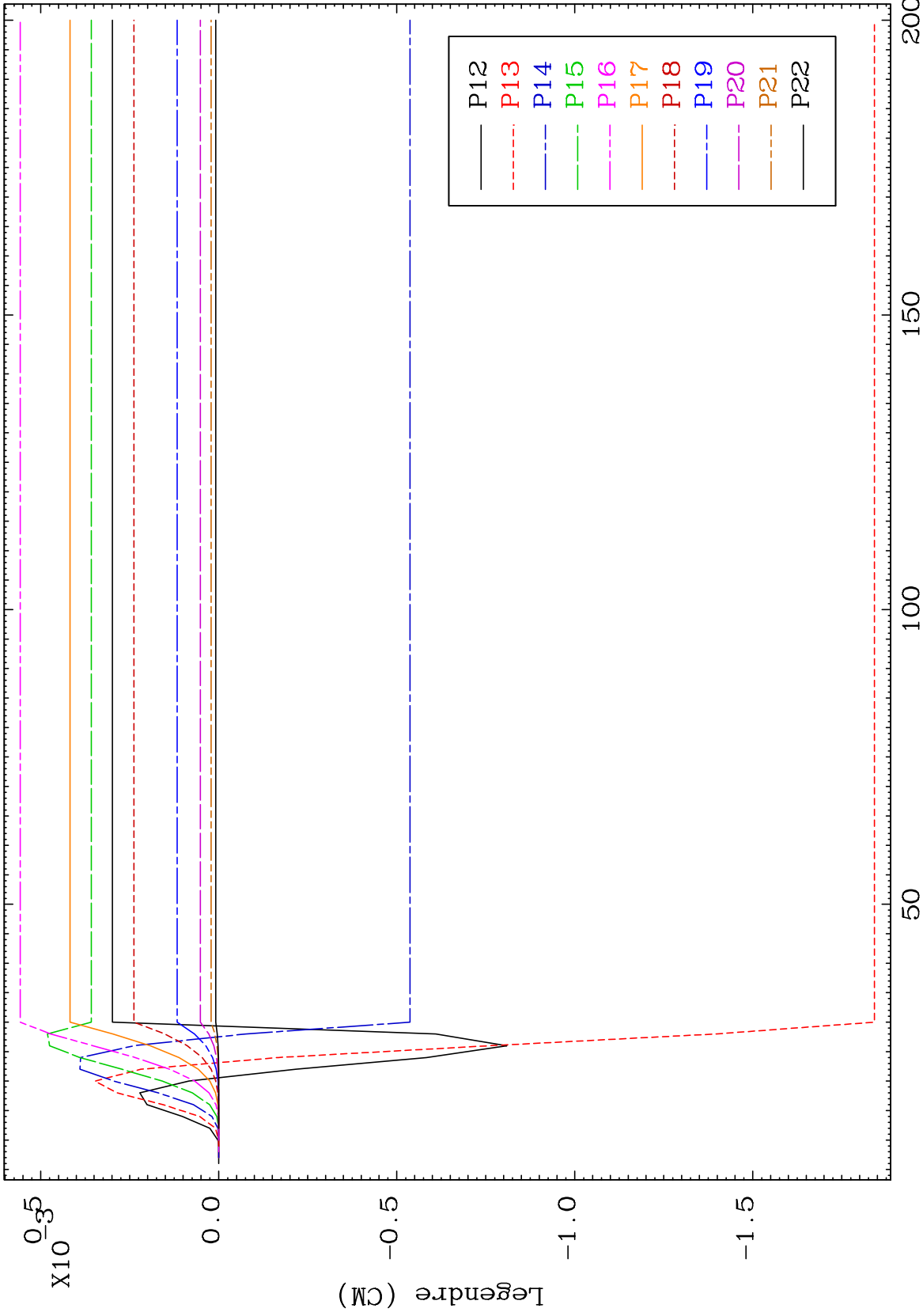
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



79

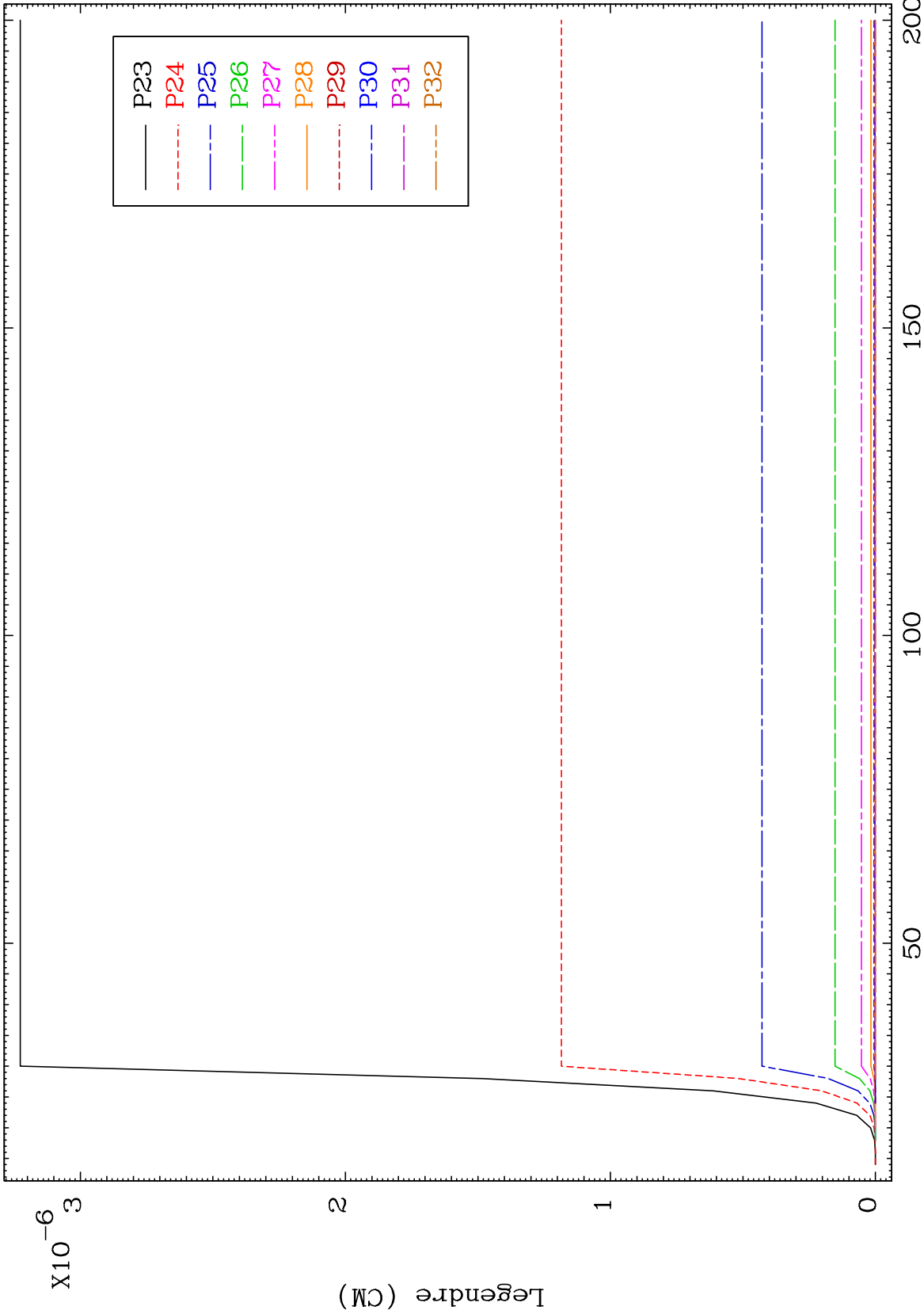
28-Ni-58



MAT 2825

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

28-Ni-58



80

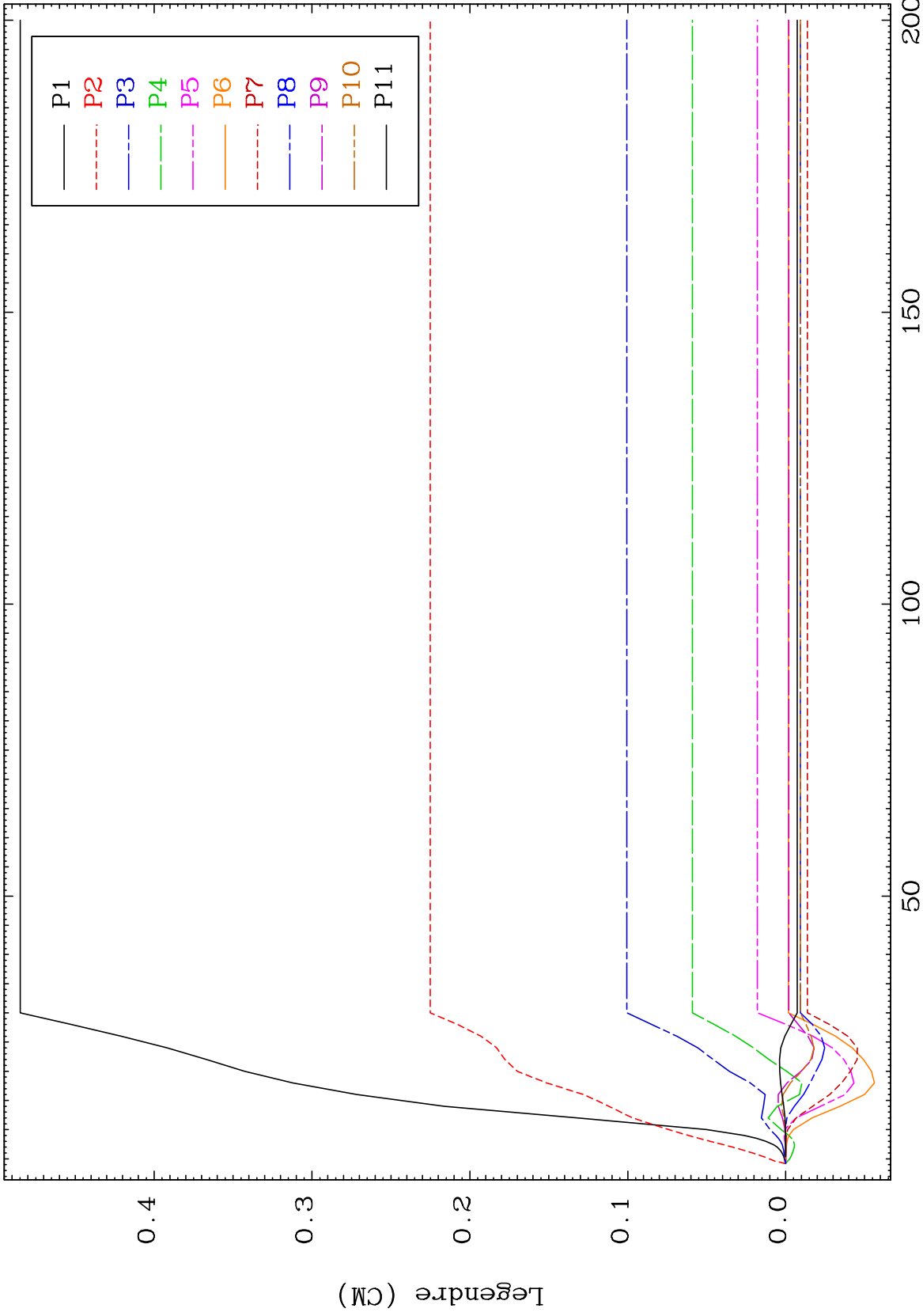
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



81

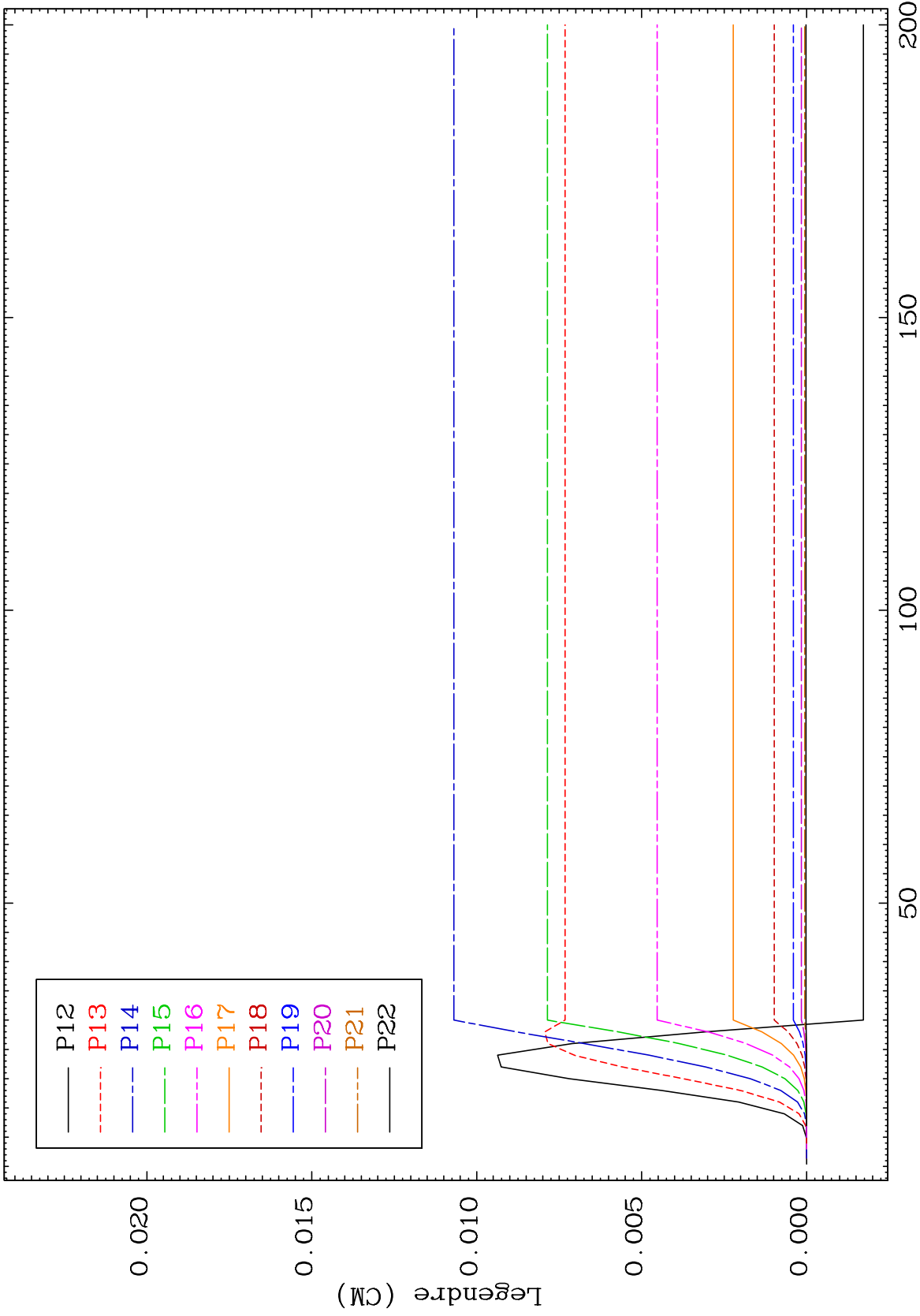
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



82

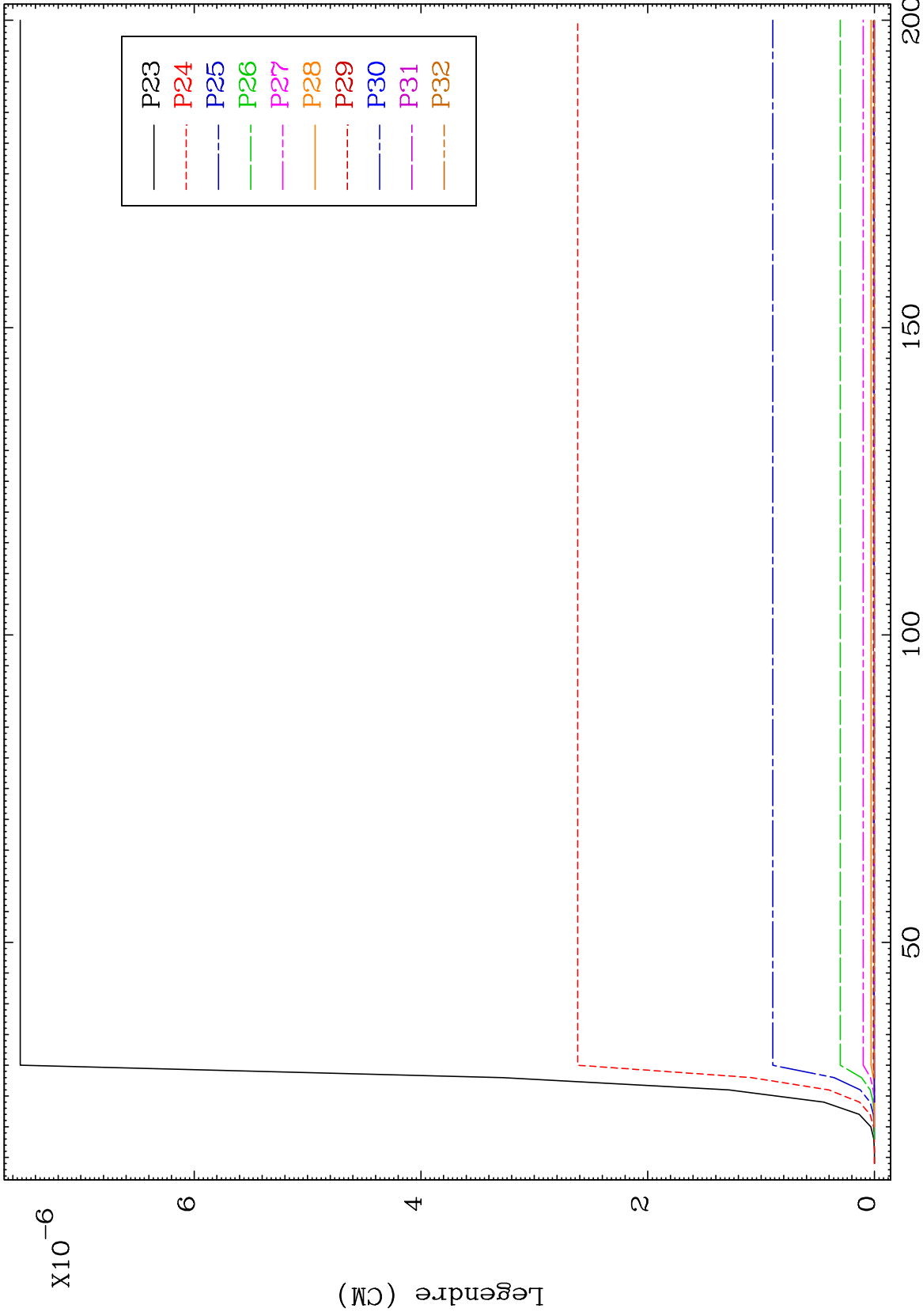
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



83

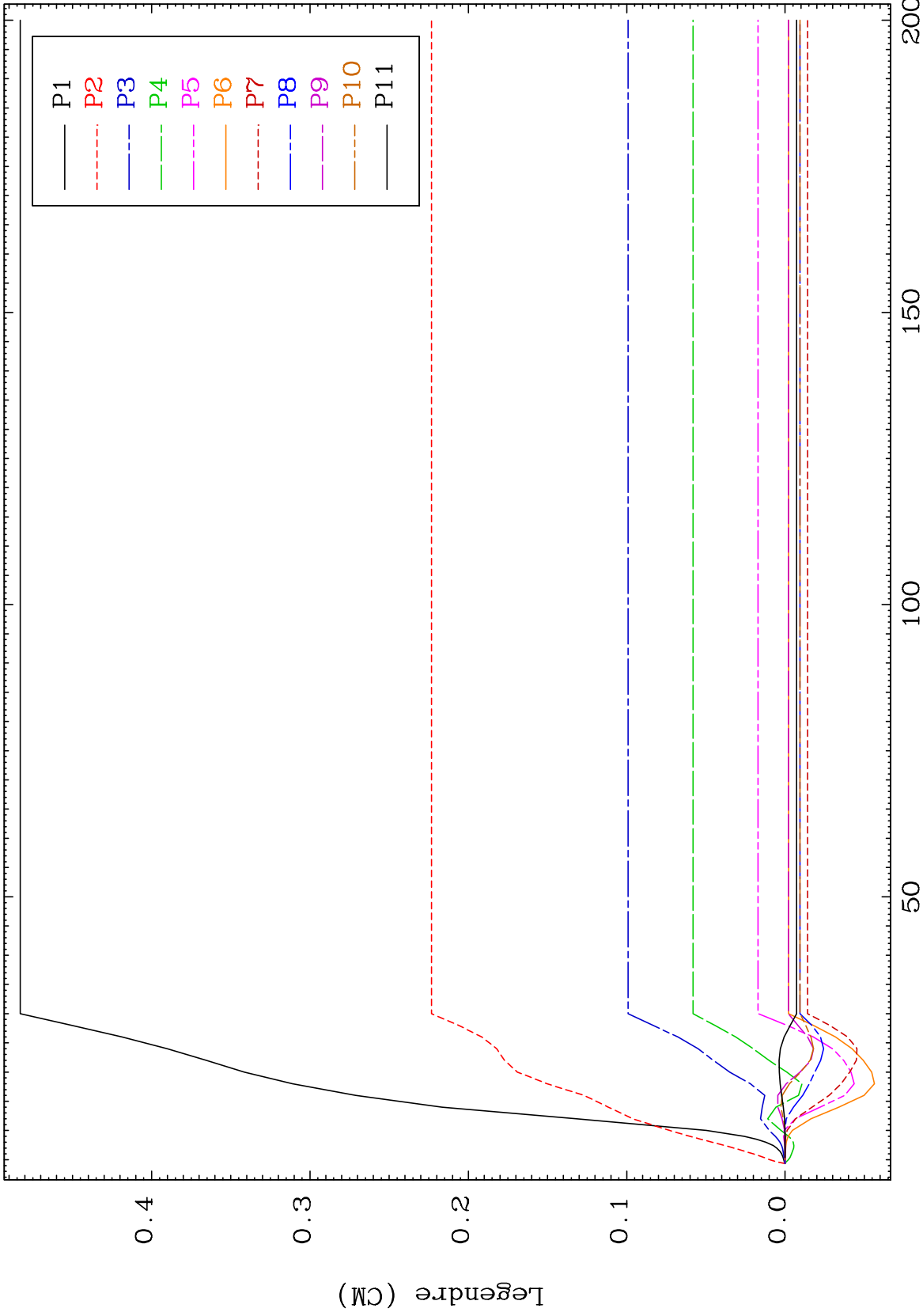
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



84

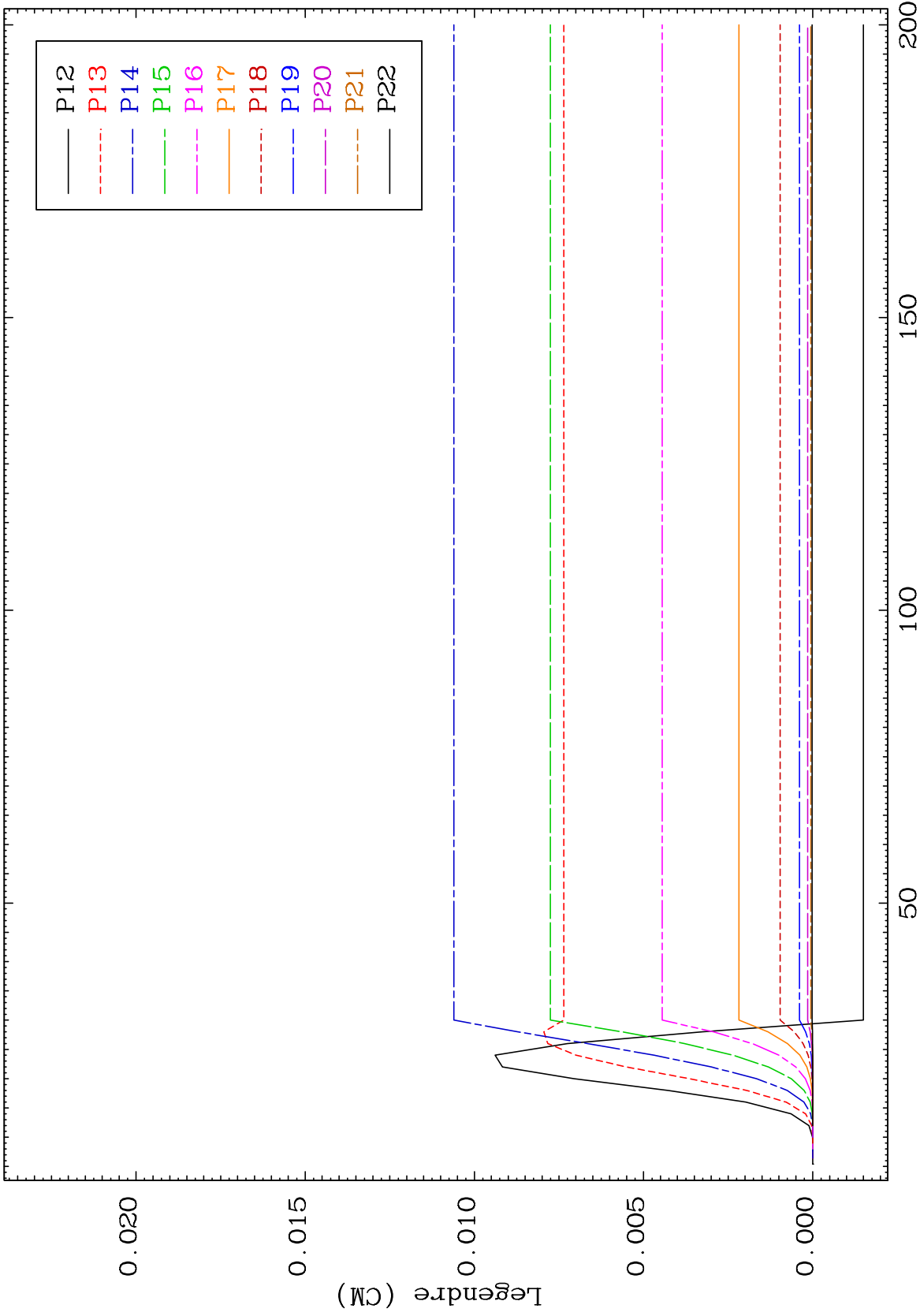
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



85

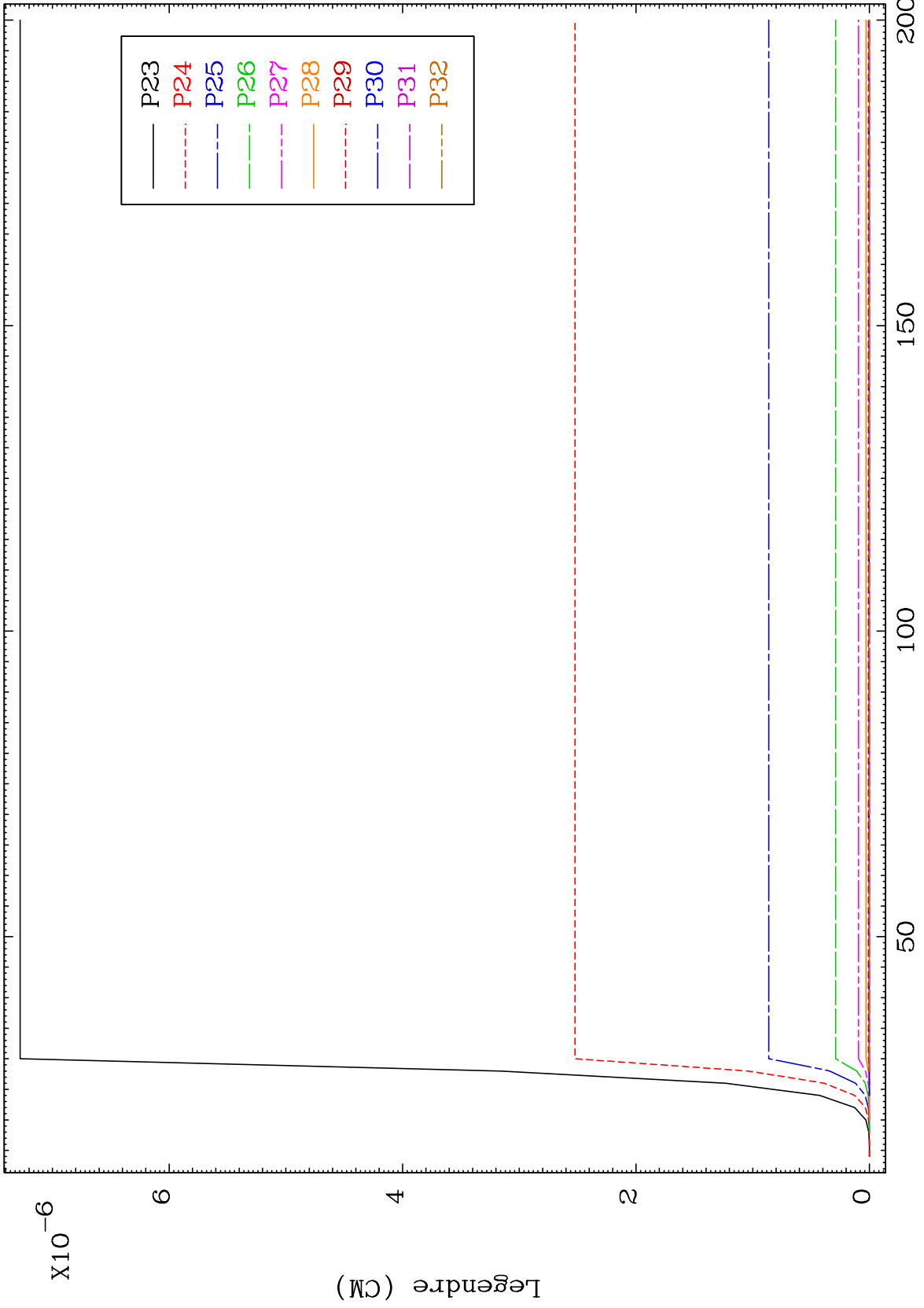
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



86

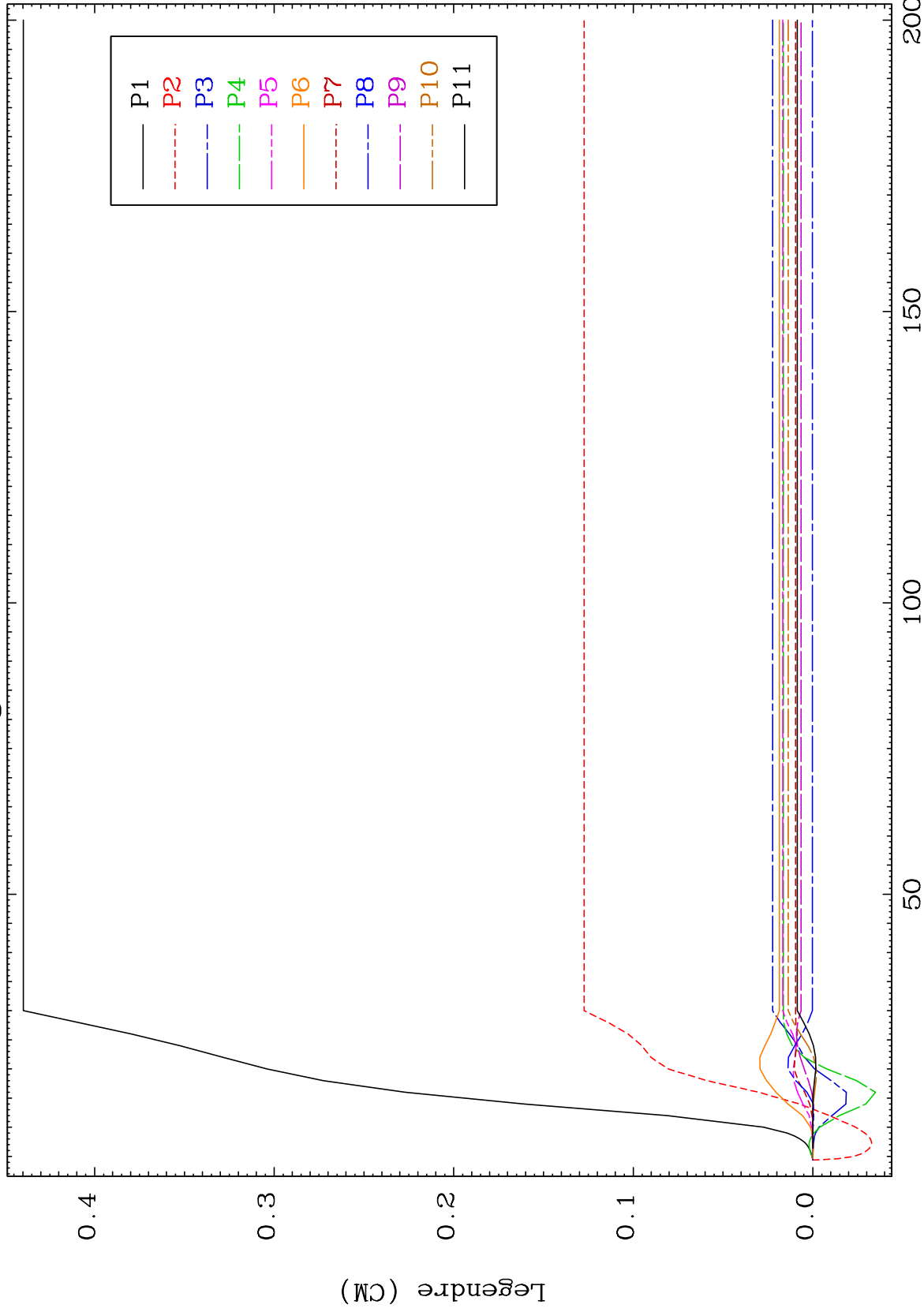
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



87

Incident Energy (MeV)

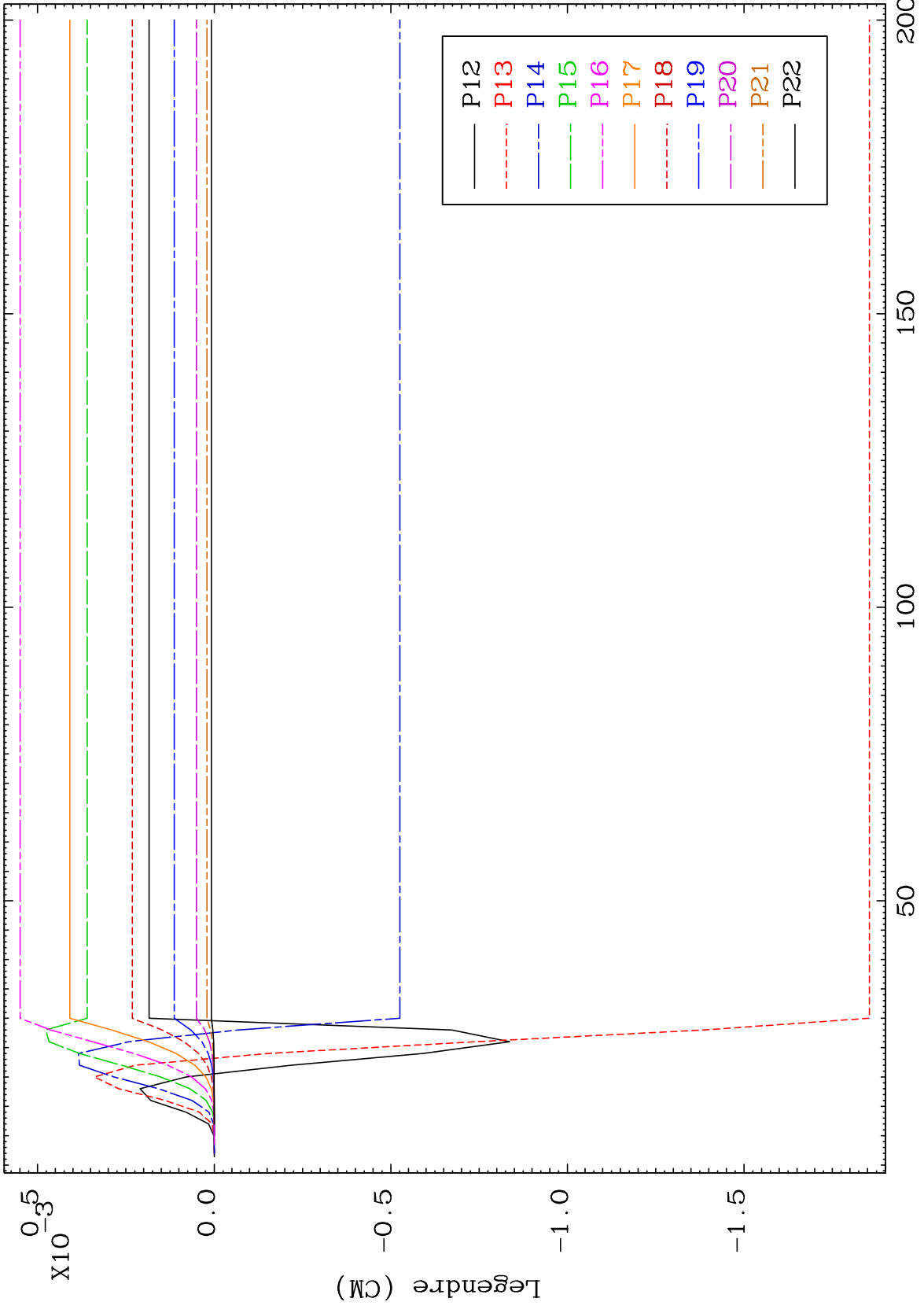
28-Ni-58



MAT 2825

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

28-Ni-58



88

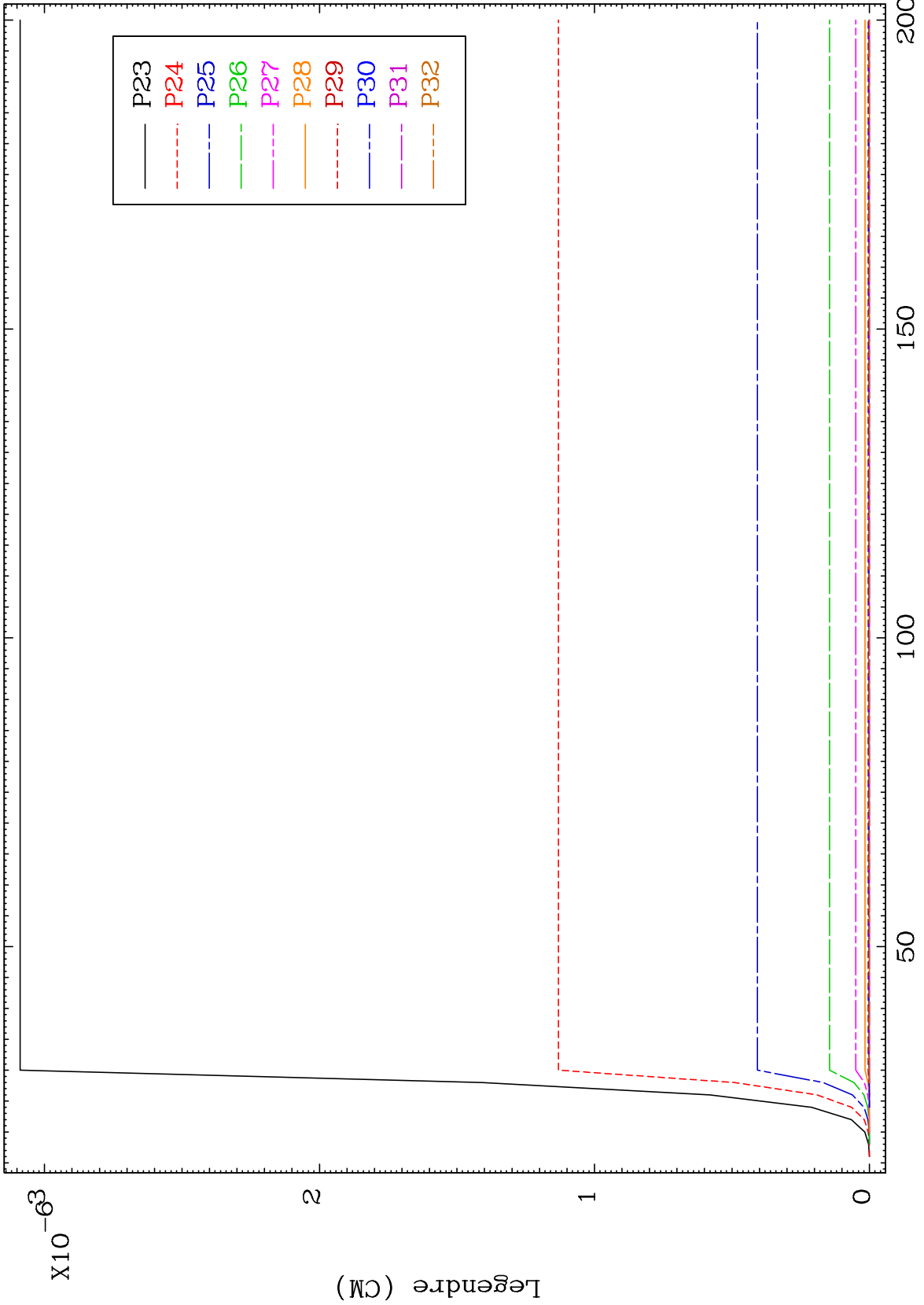
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



89

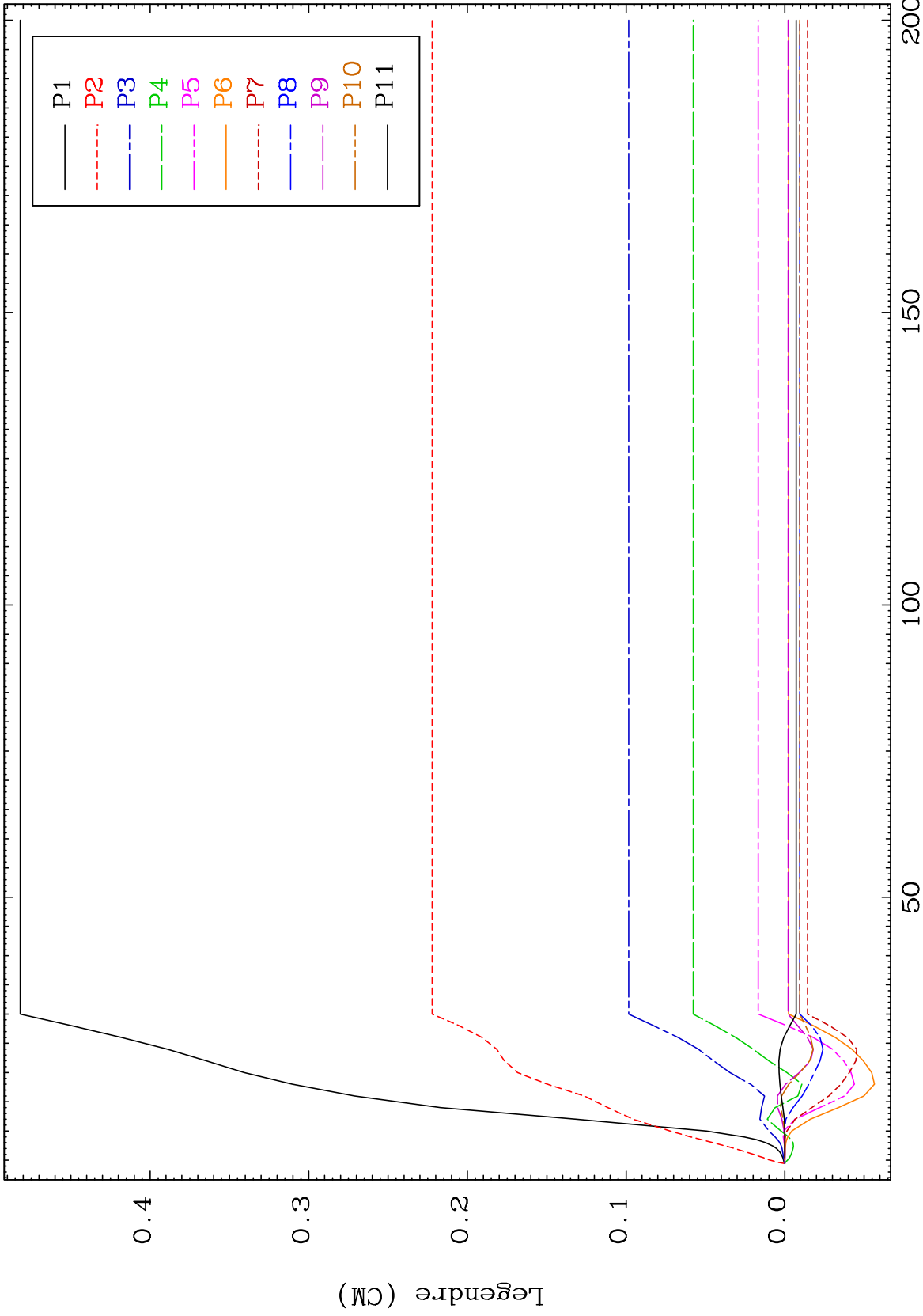
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



90

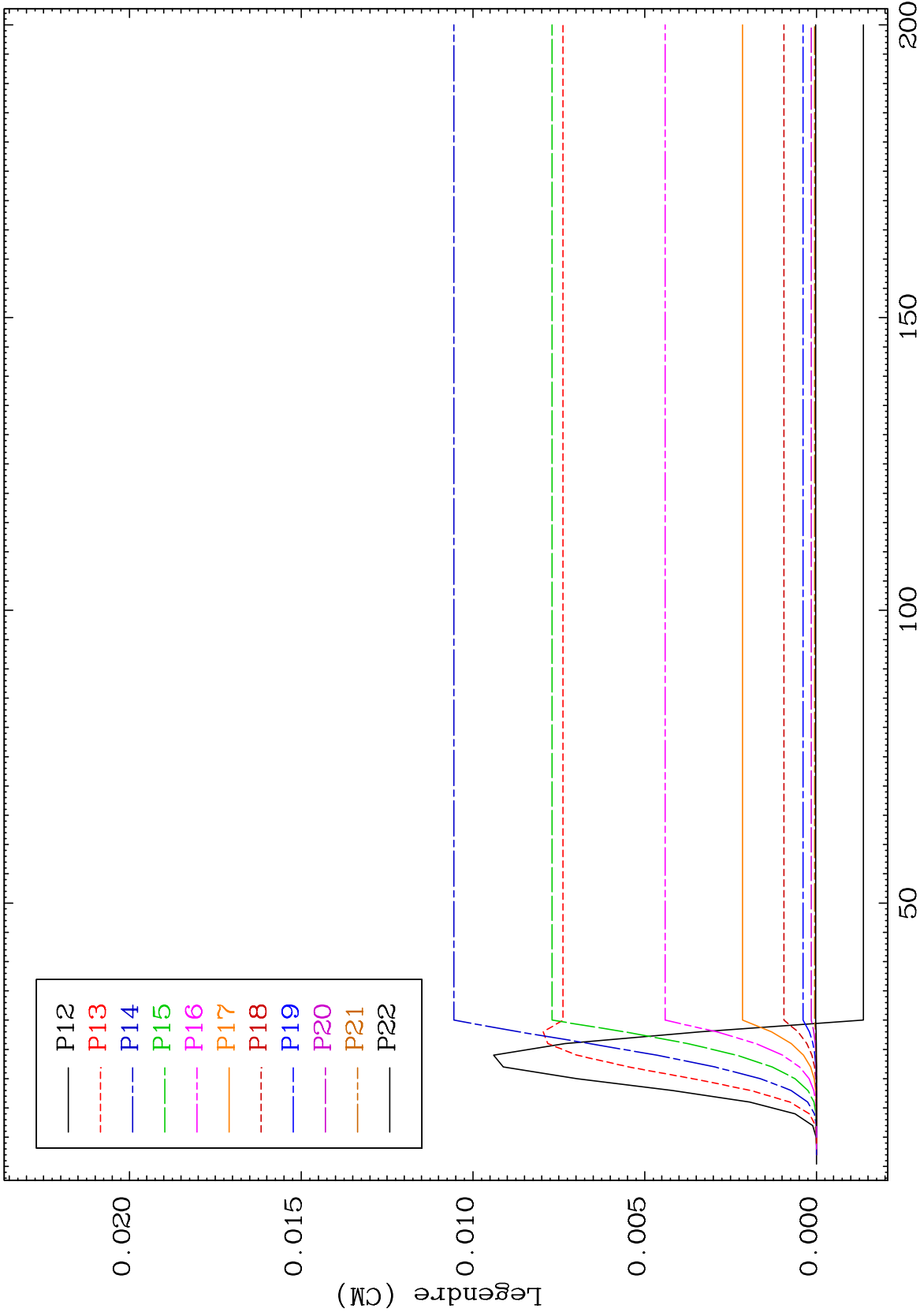
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



91

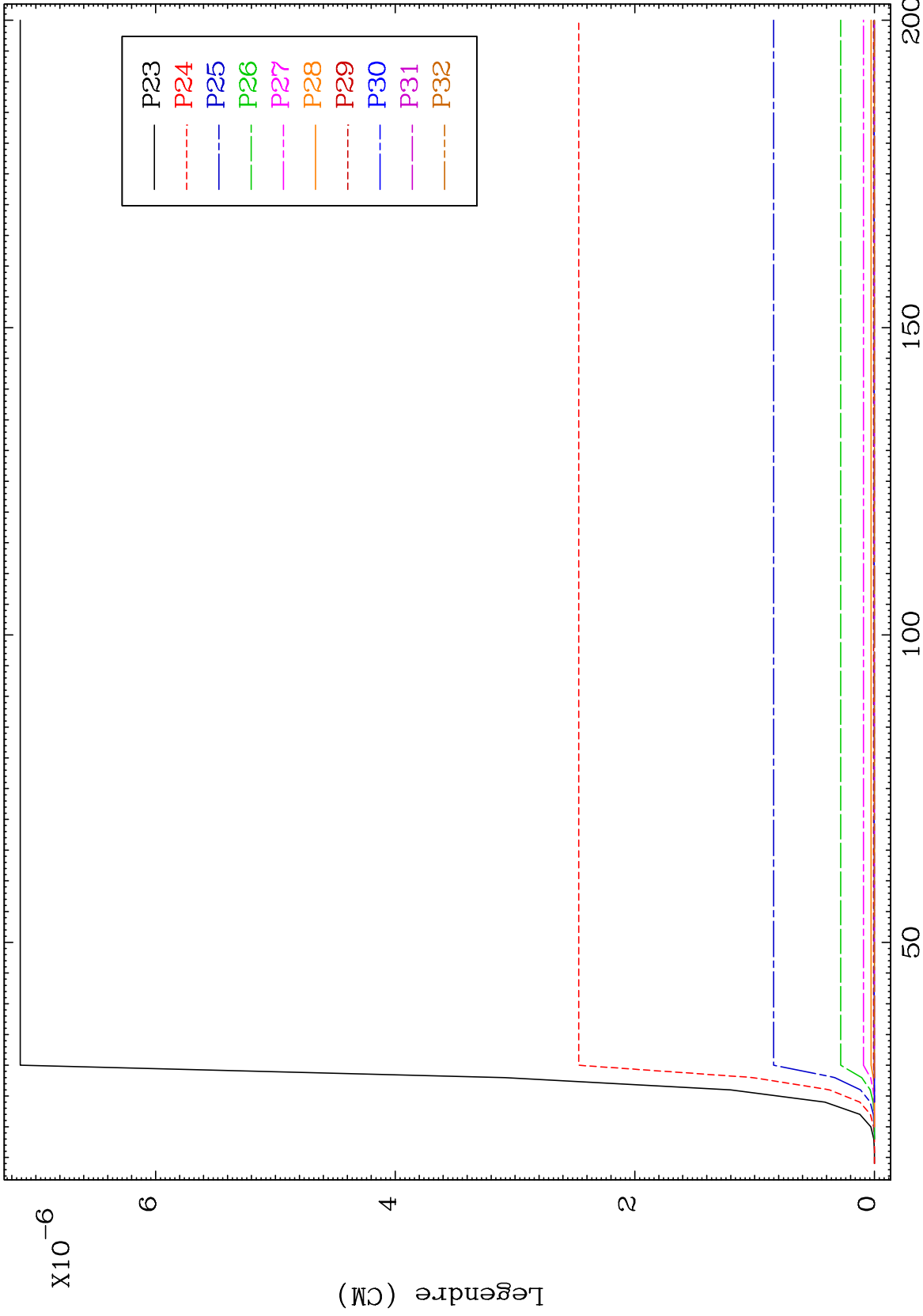
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



92

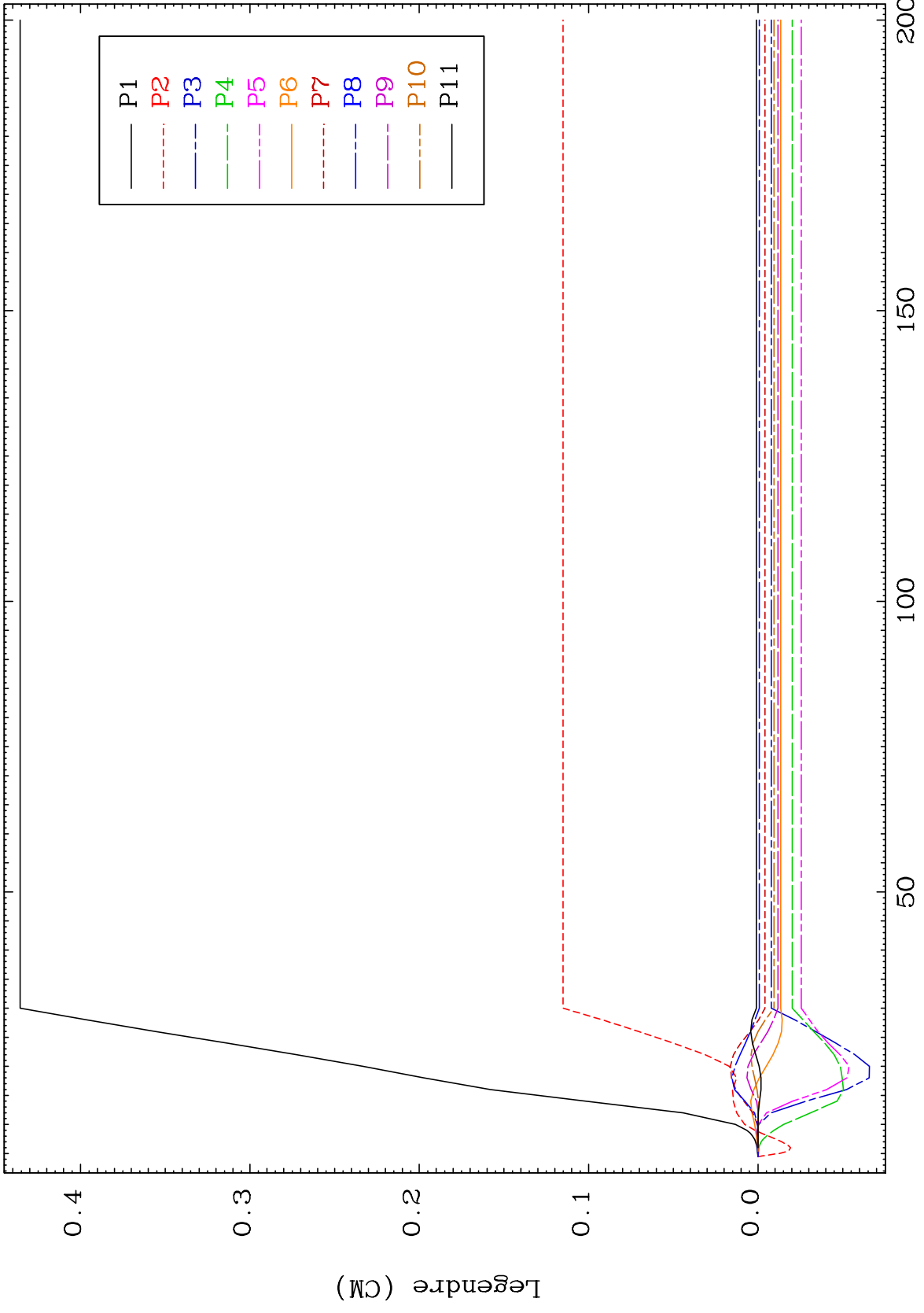
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



93

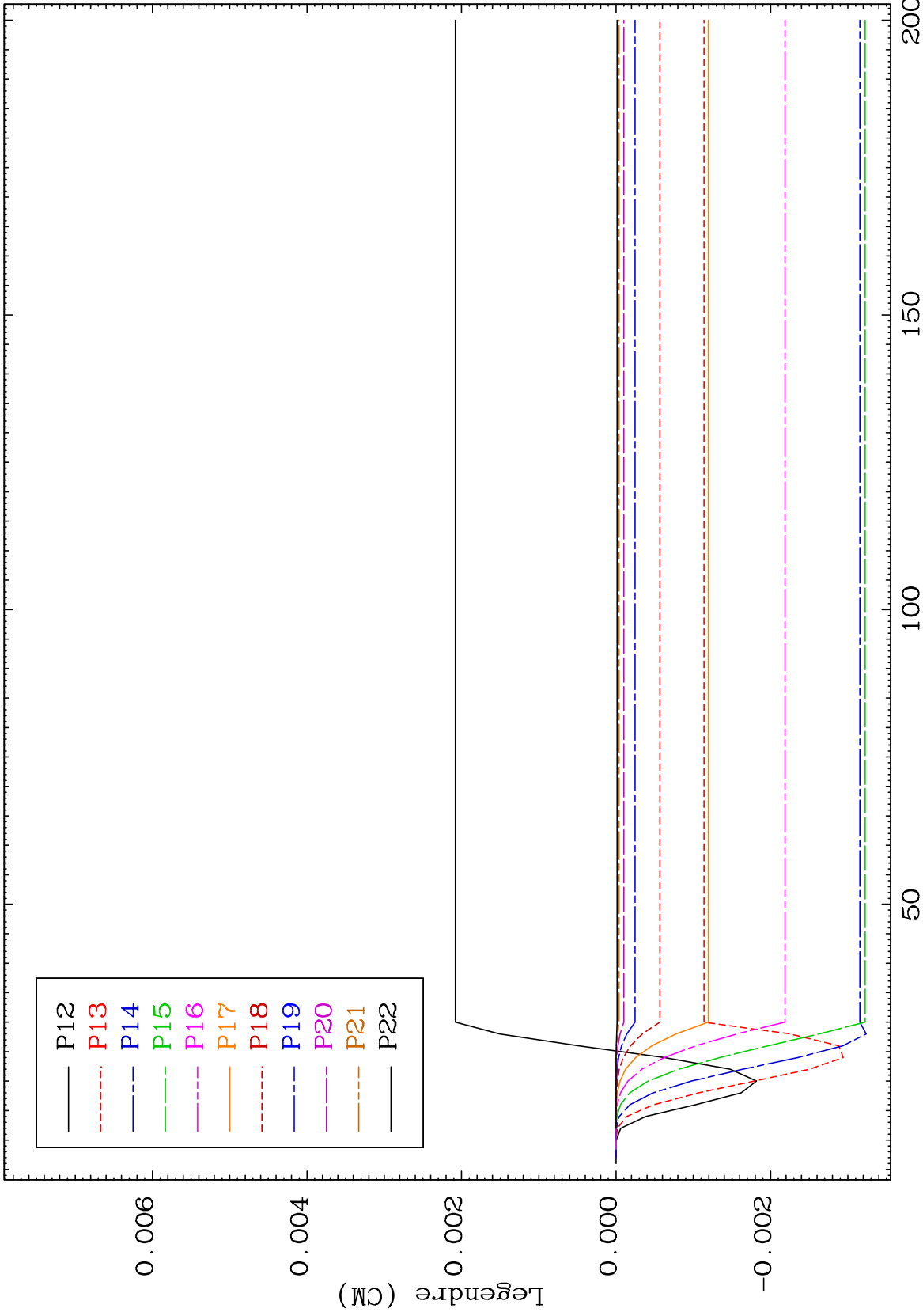
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



94

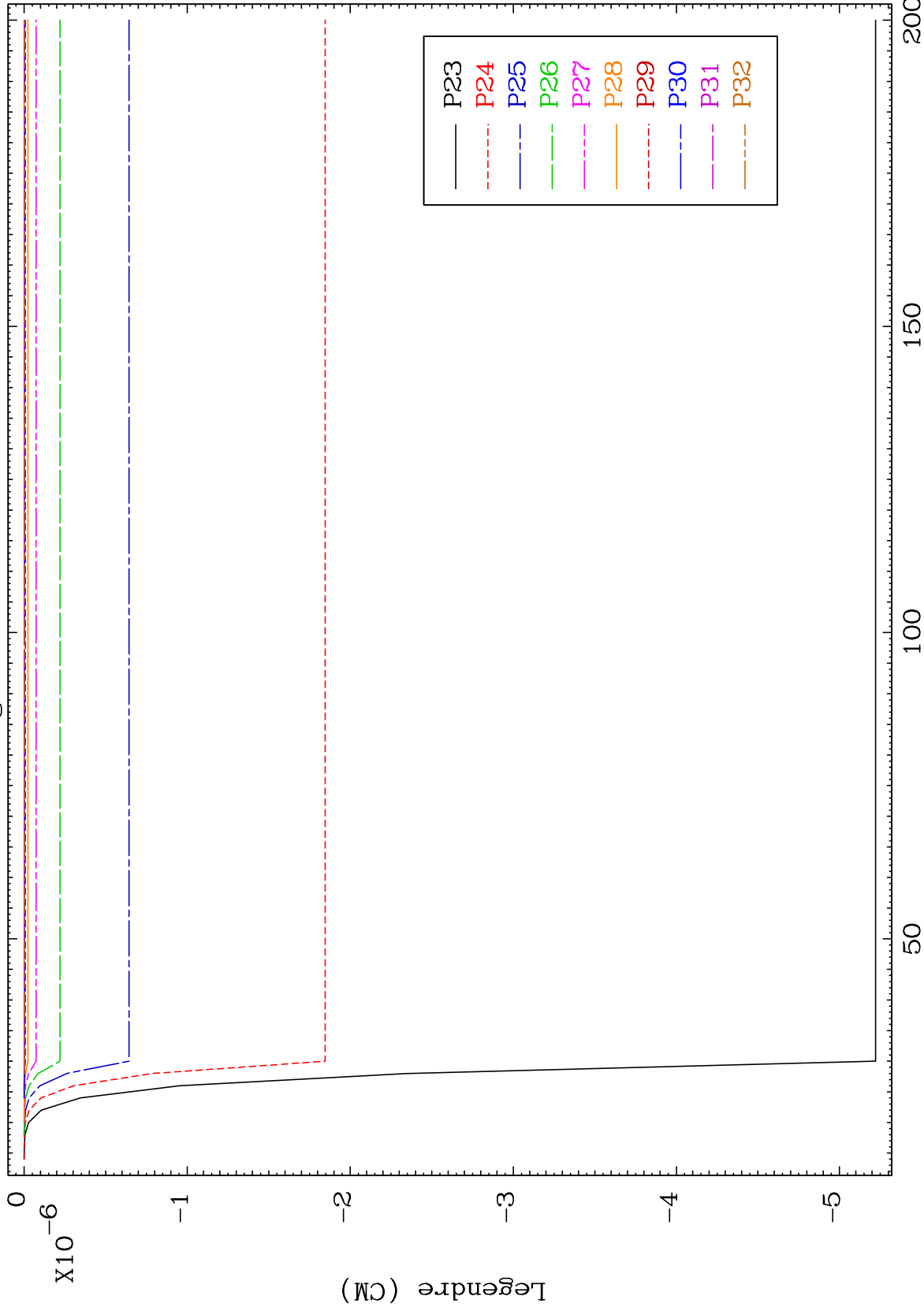
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



28-Ni-58

Incident Energy (MeV)

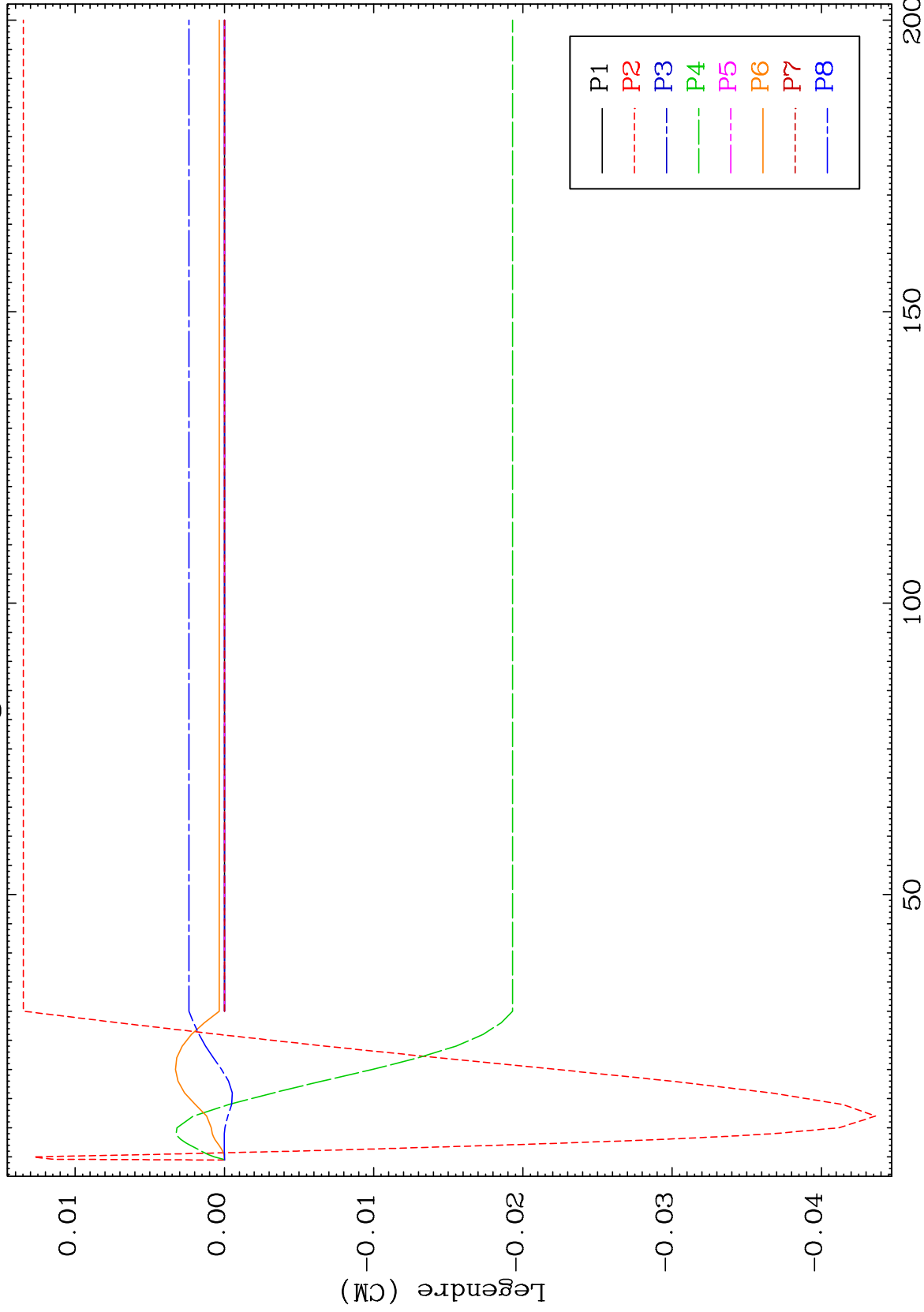
95



MAT 2825

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

28-Ni-58



96

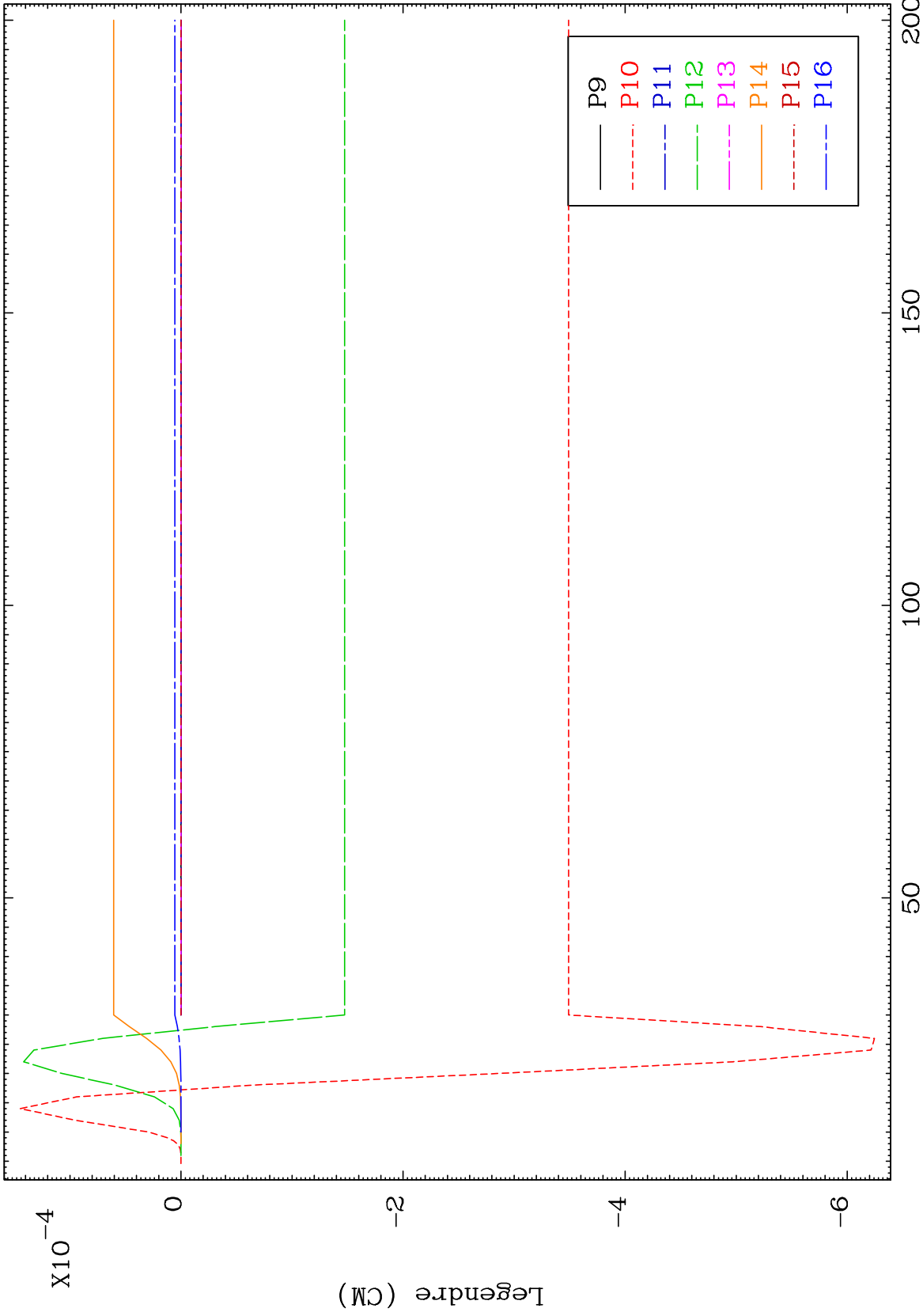
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58

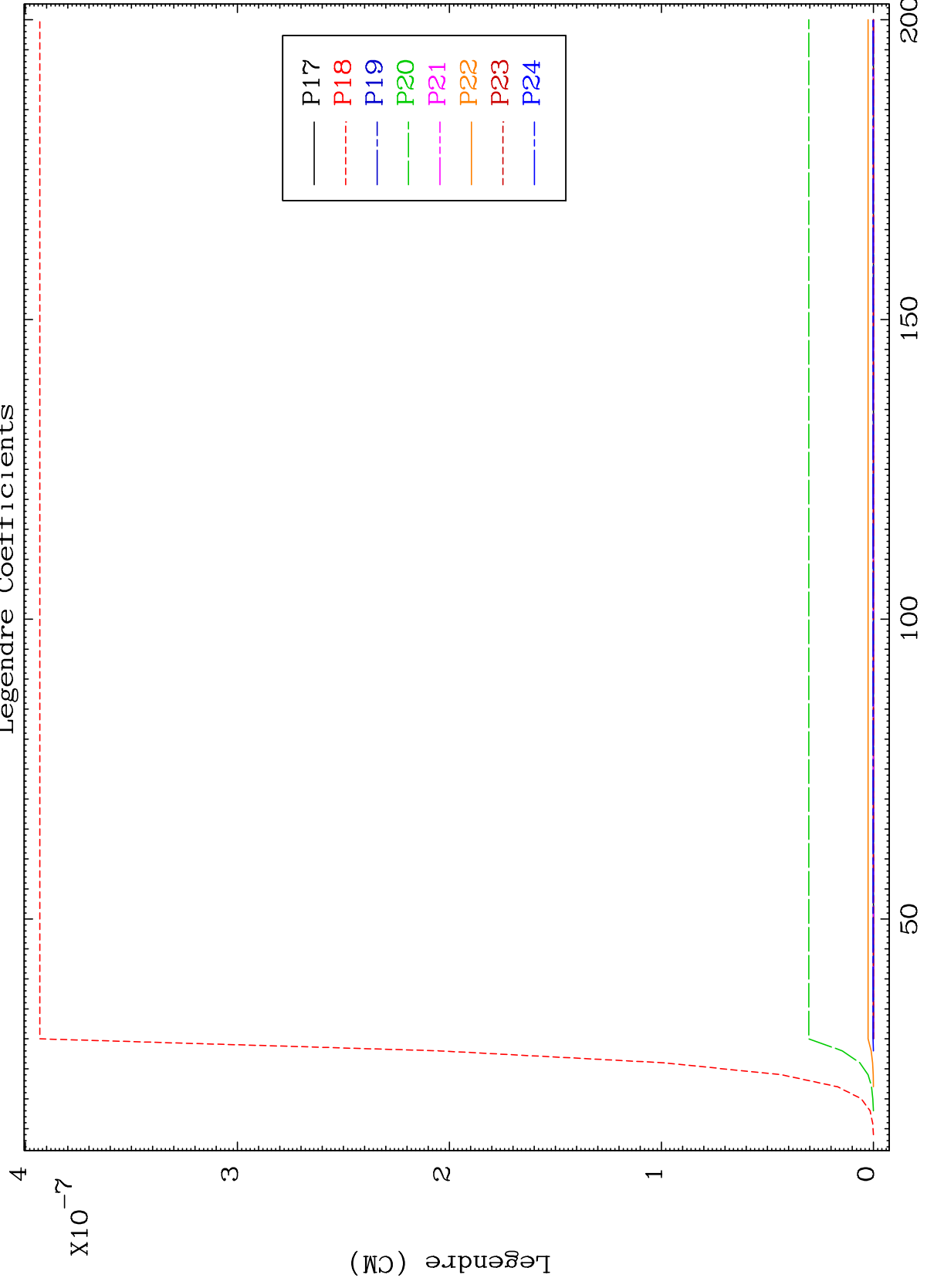


97

Incident Energy (MeV)

28-Ni-58

MAT 2825 MT= 77 (n,n') Level Legendre Coefficients 28-Ni-58

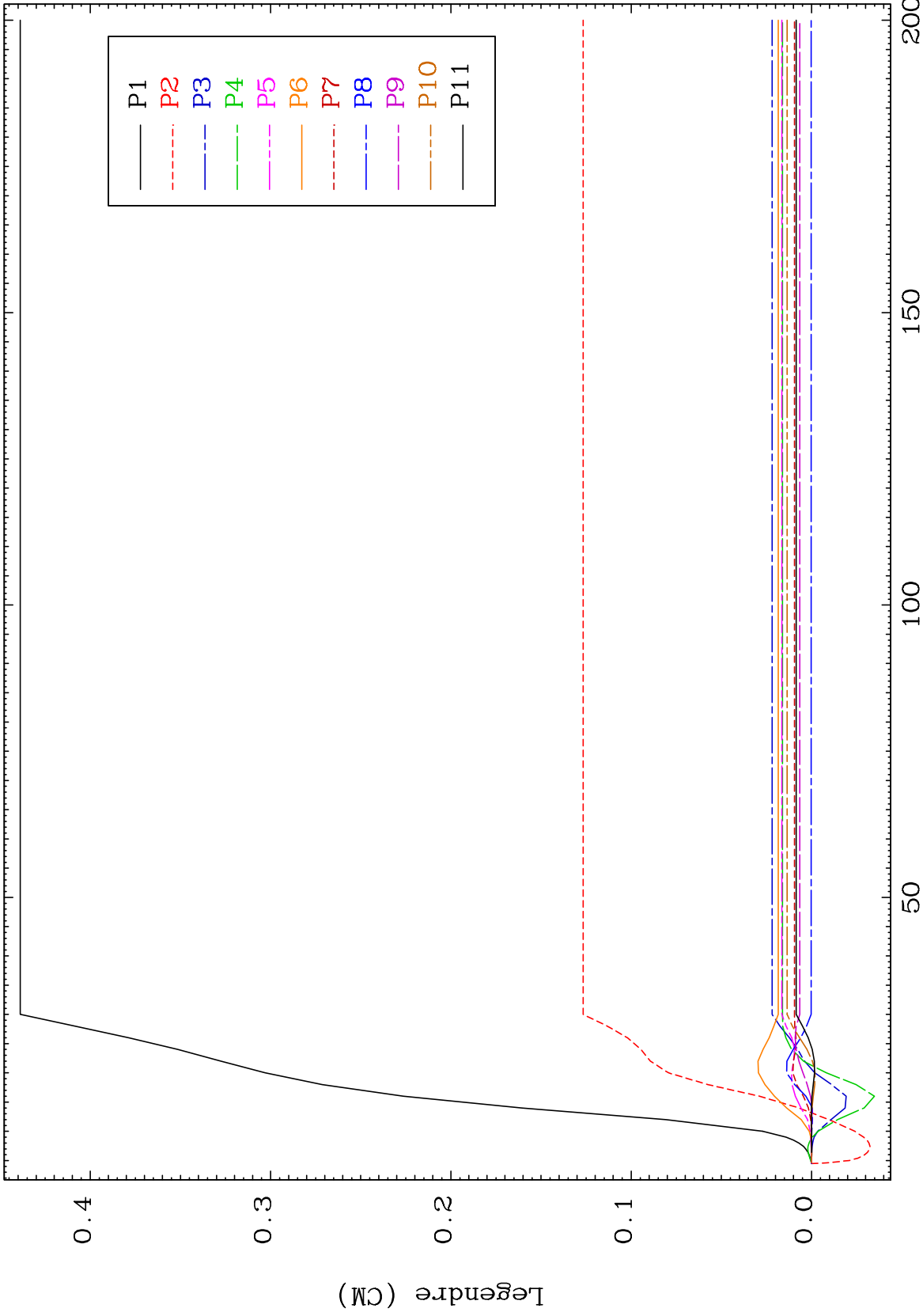


98 28-Ni-58

MAT 2825

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

28-Ni-58



99

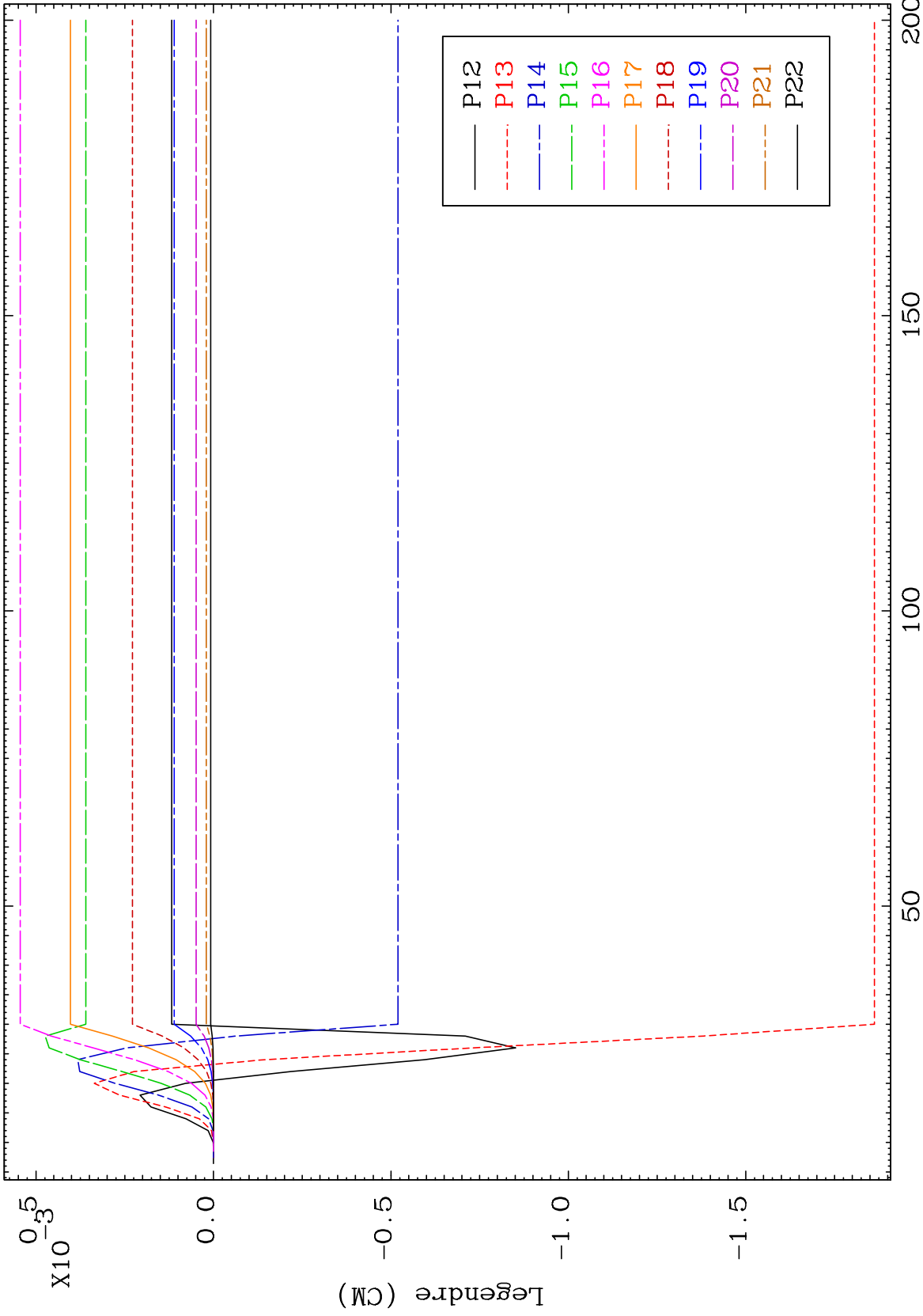
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



100

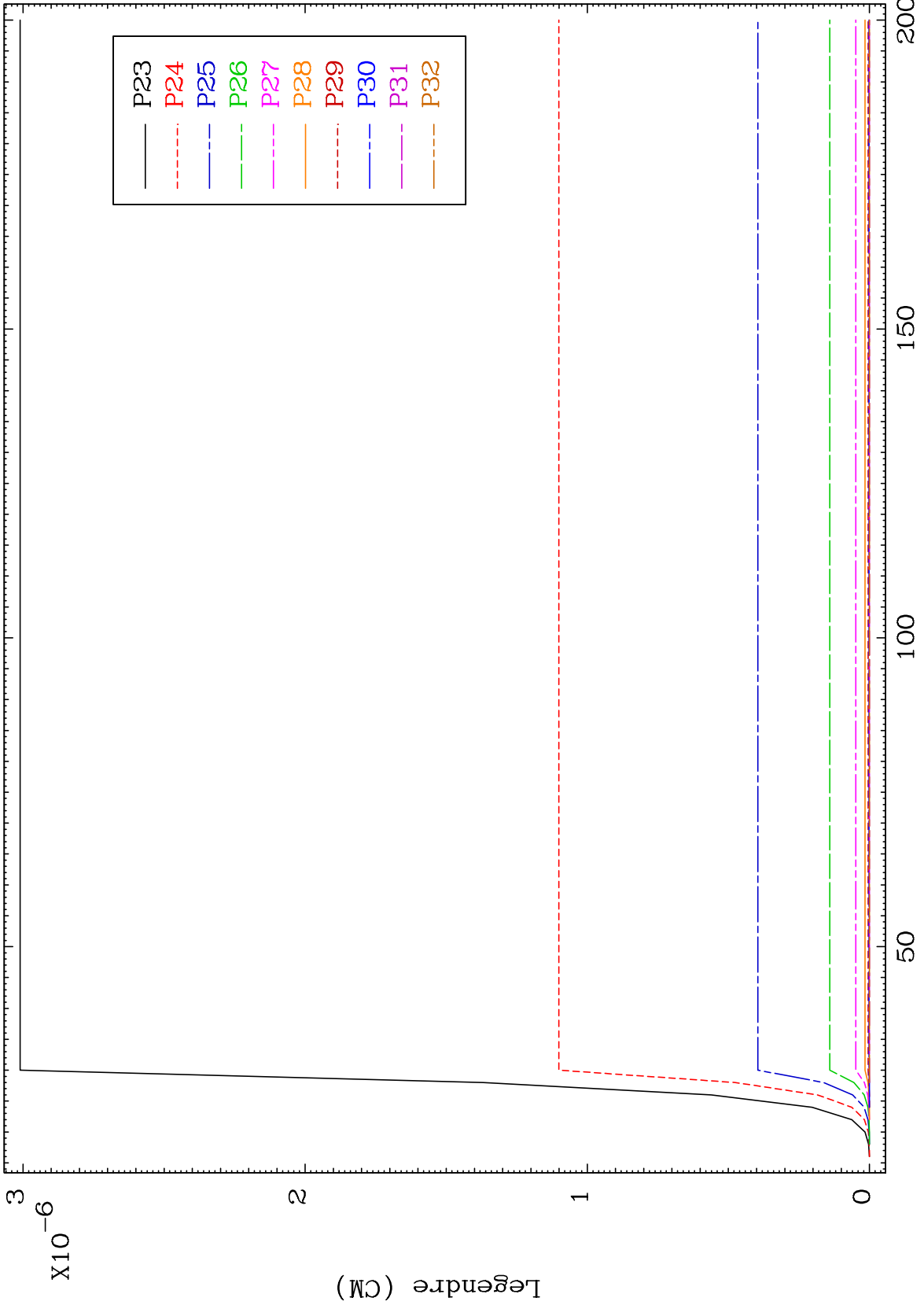
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58

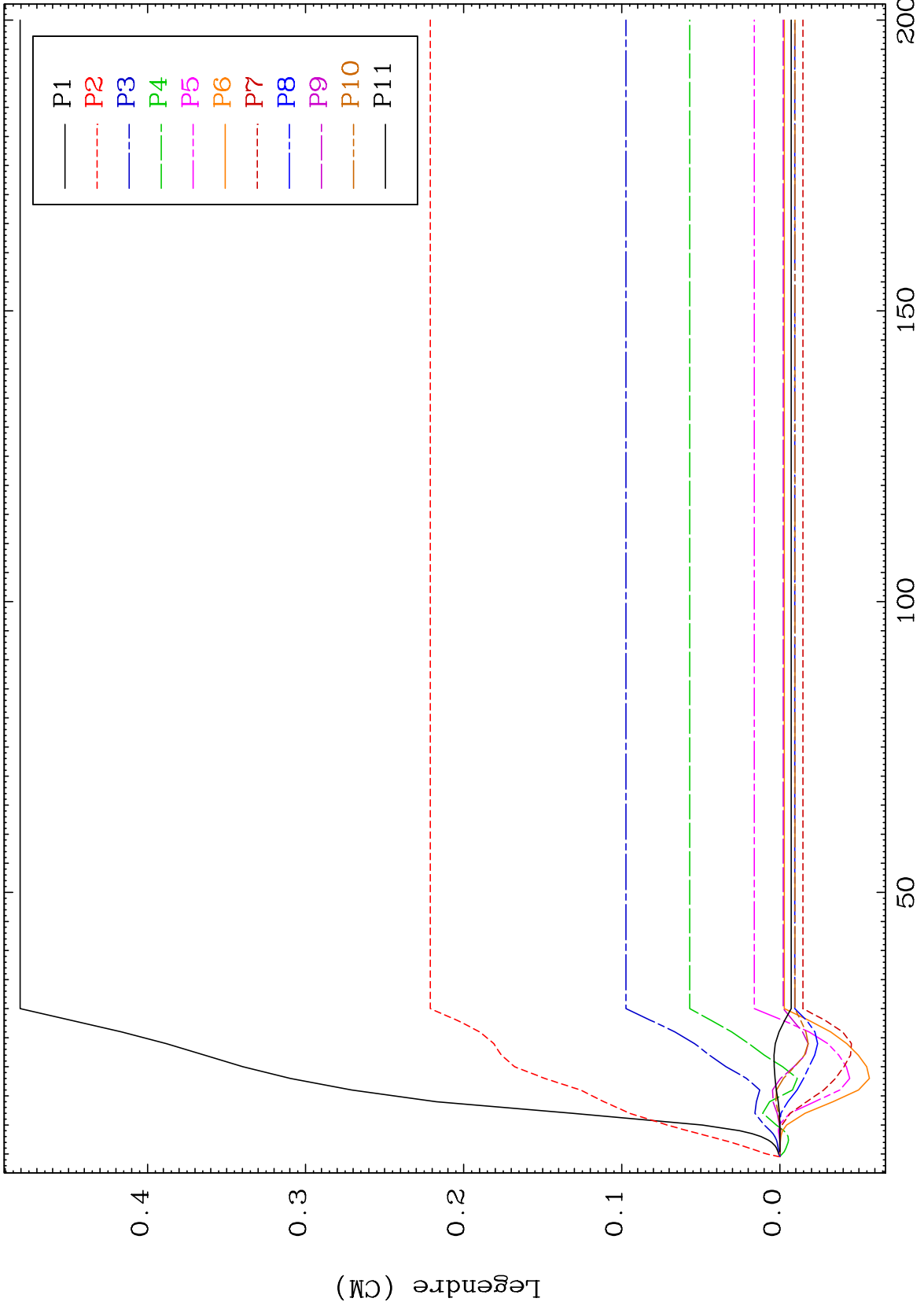


101

Incident Energy (MeV)

28-Ni-58

MAT 2825 MT= 79 (n,n') Level Legendre Coefficients 28-Ni-58

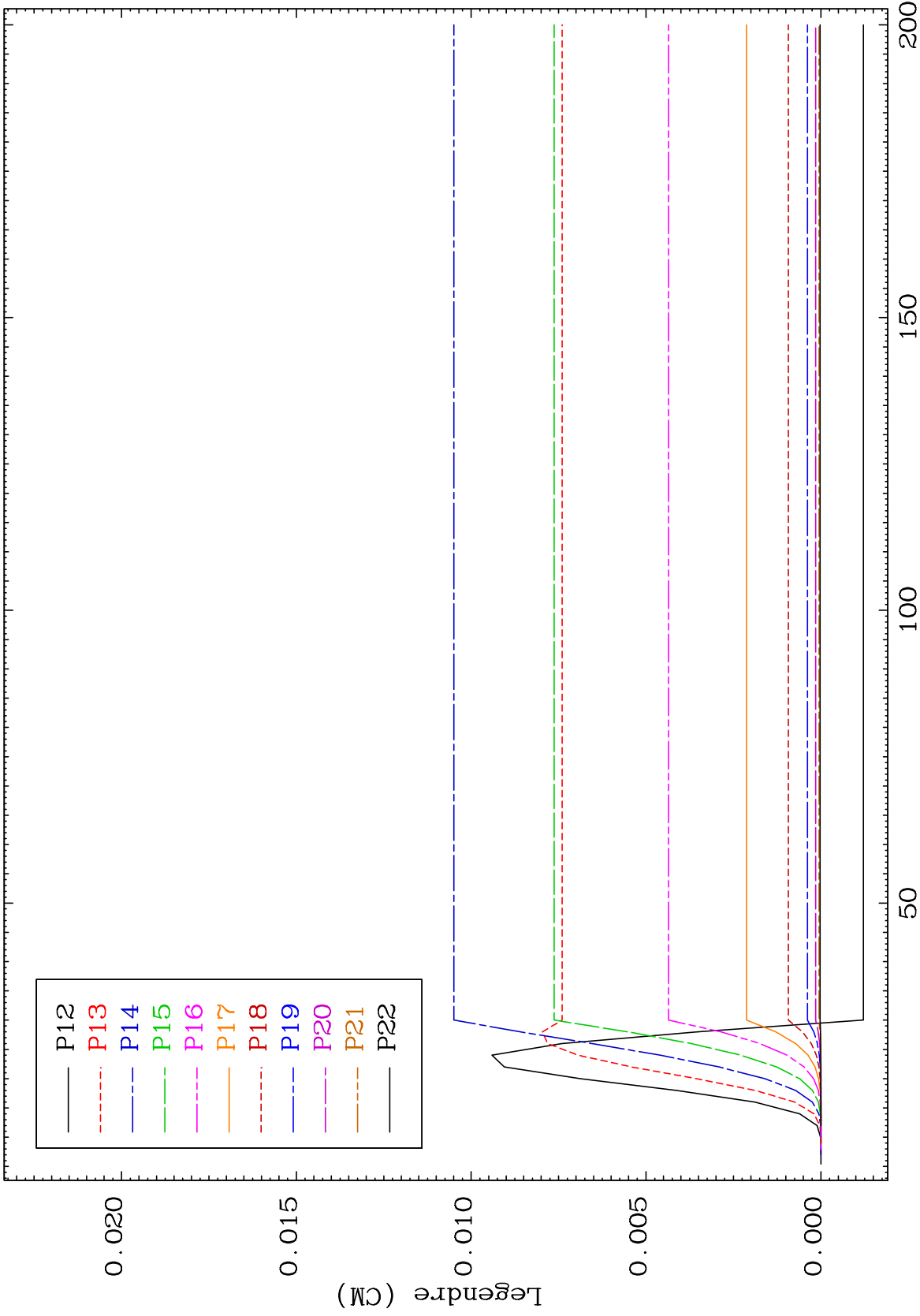


102 Incident Energy (MeV) 28-Ni-58

MAT 2825

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

28-Ni-58



103

Incident Energy (MeV)

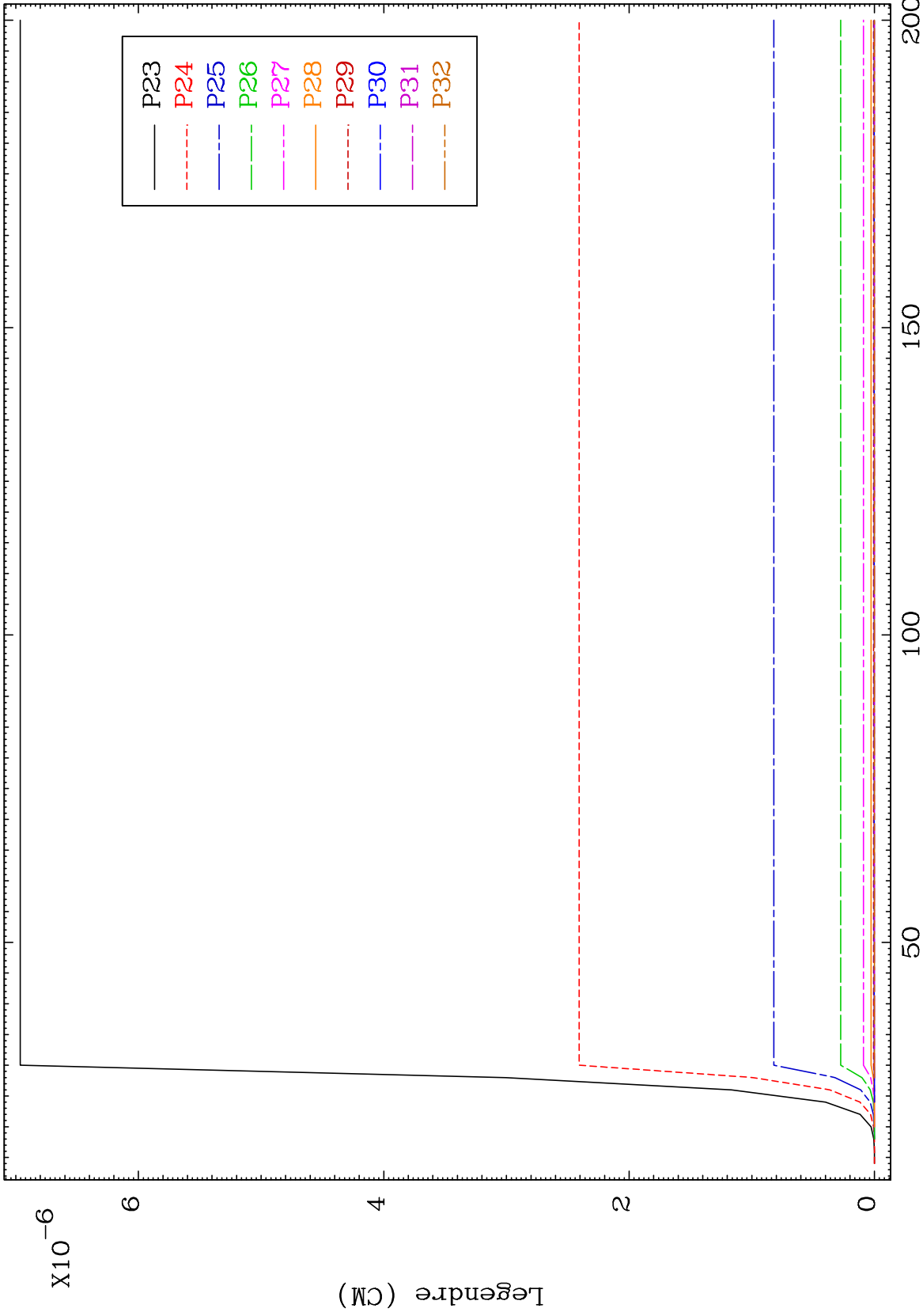
28-Ni-58



MAT 2825

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

28-Ni-58



104

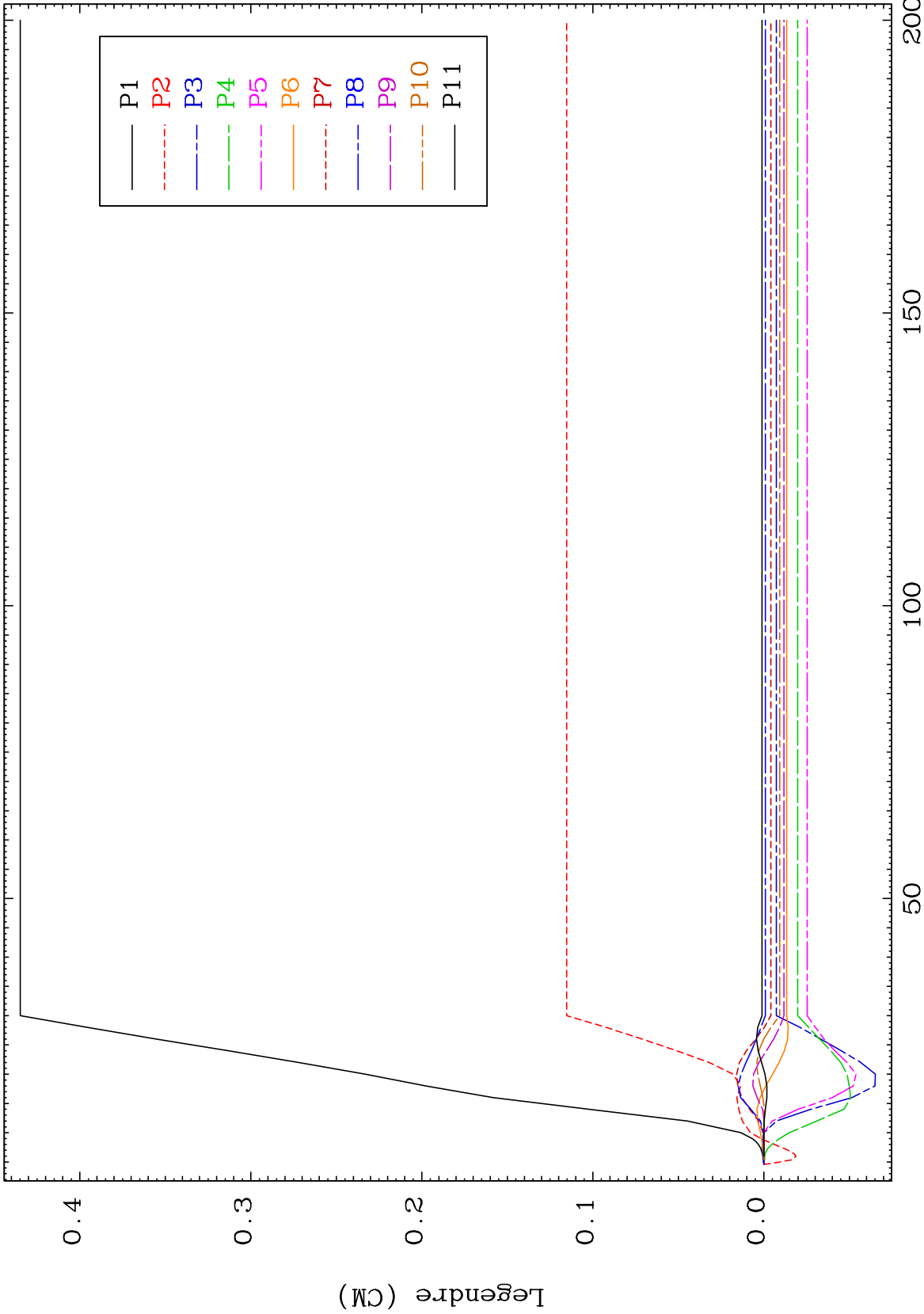
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



105

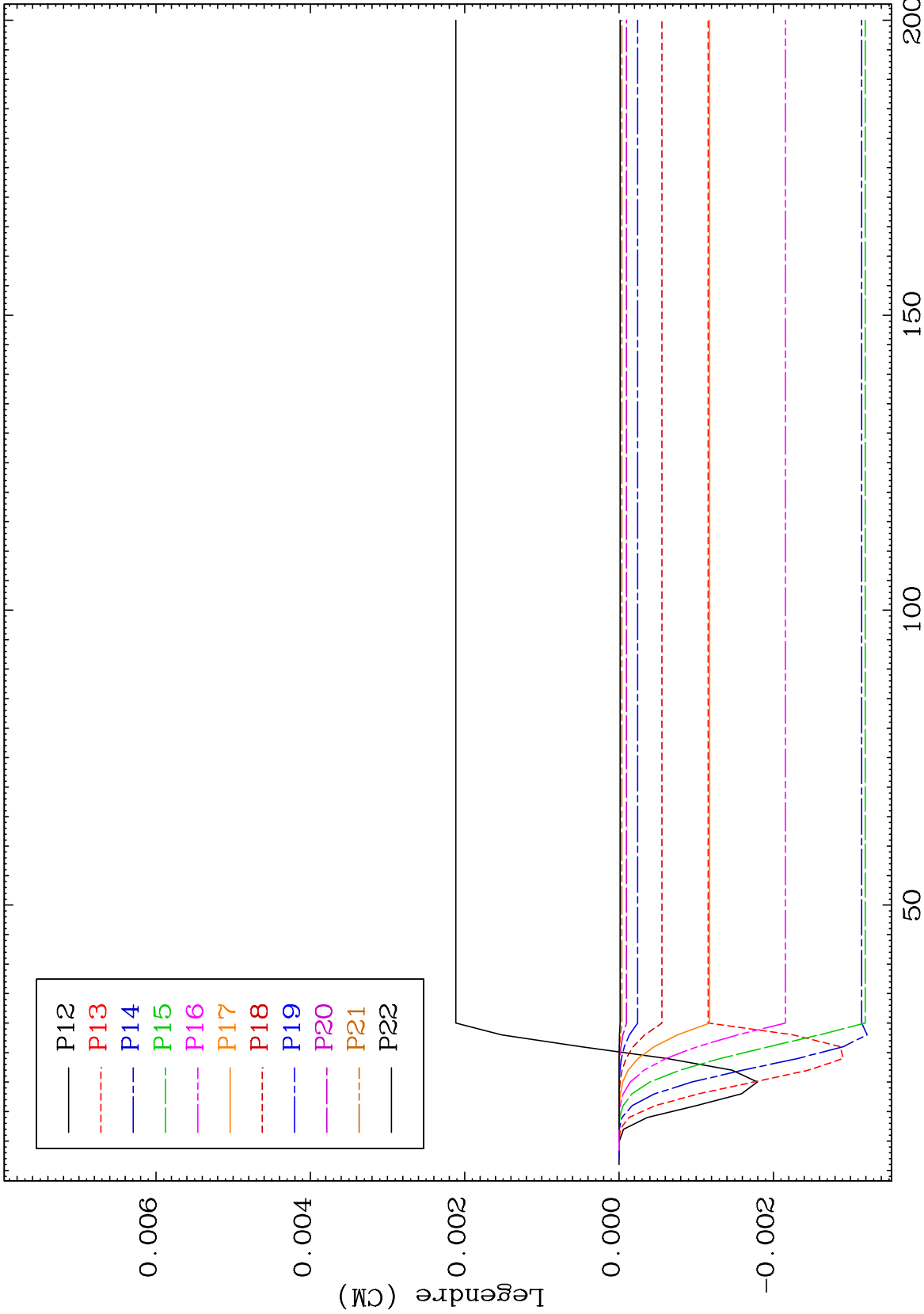
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



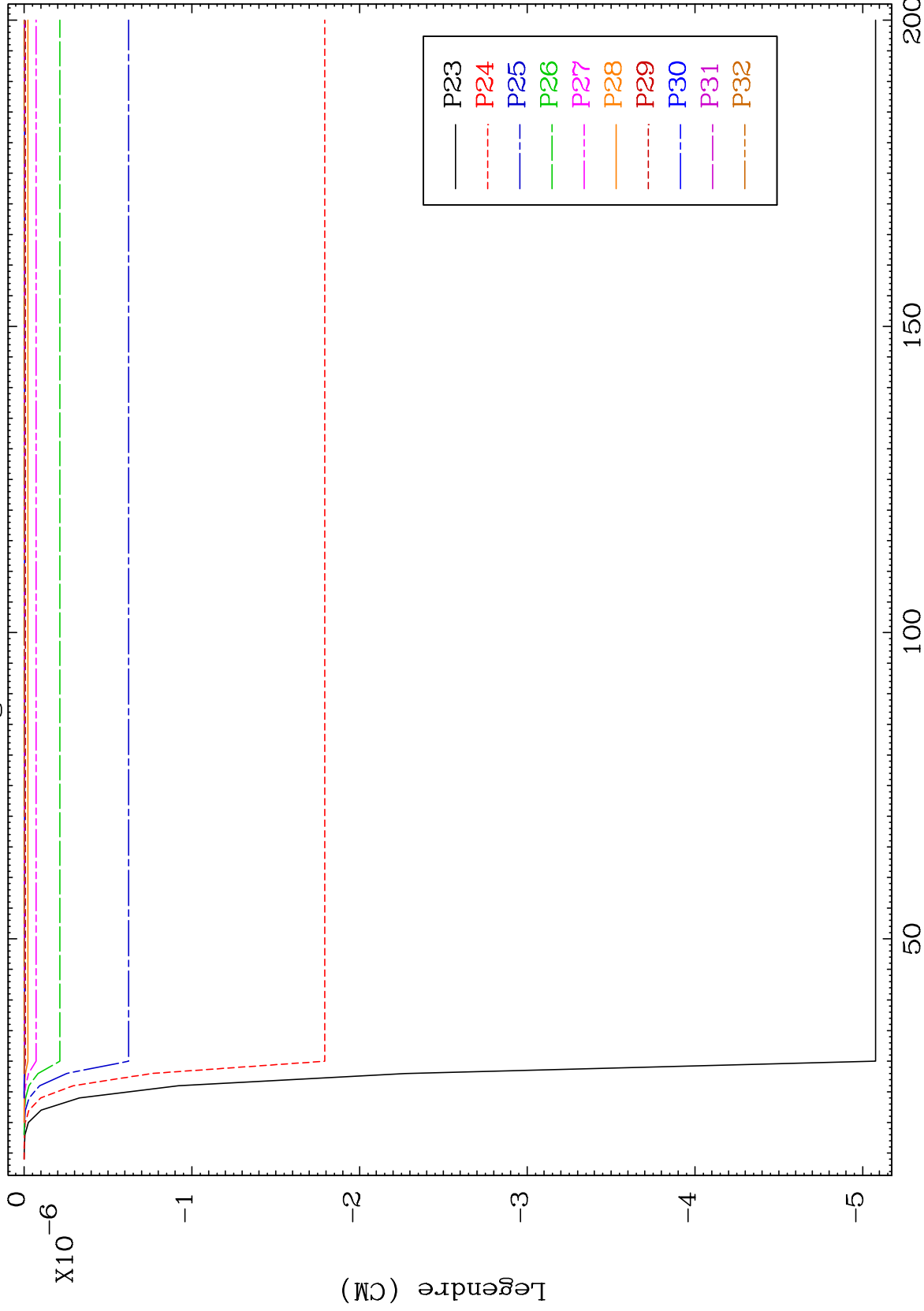
106

28-Ni-58

MAT 2825

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

28-Ni-58



28-Ni-58

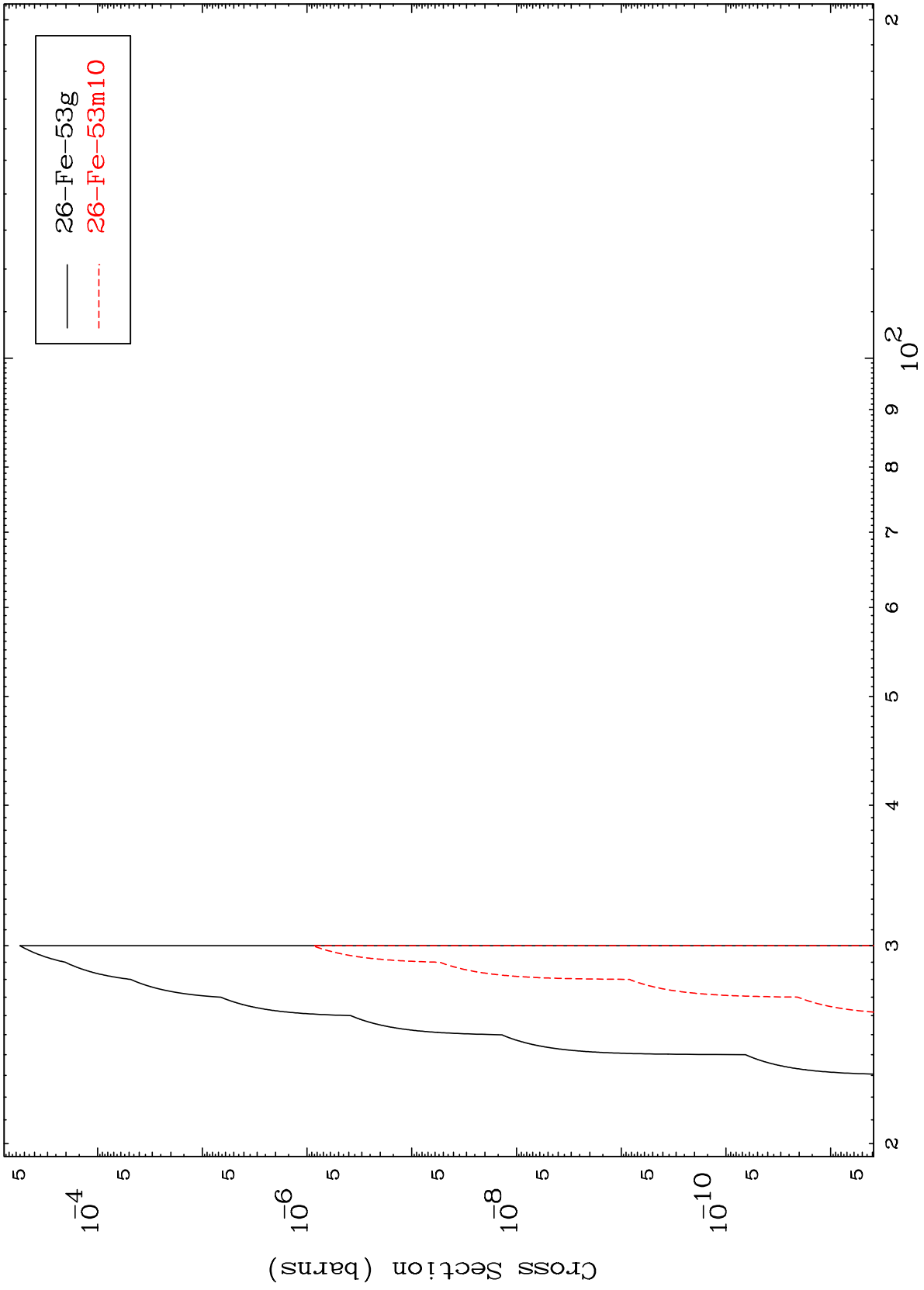
107

MAT 2825

(n,2n)  $\alpha$

28-Ni-58

Radionuclide Production Cross Section



108

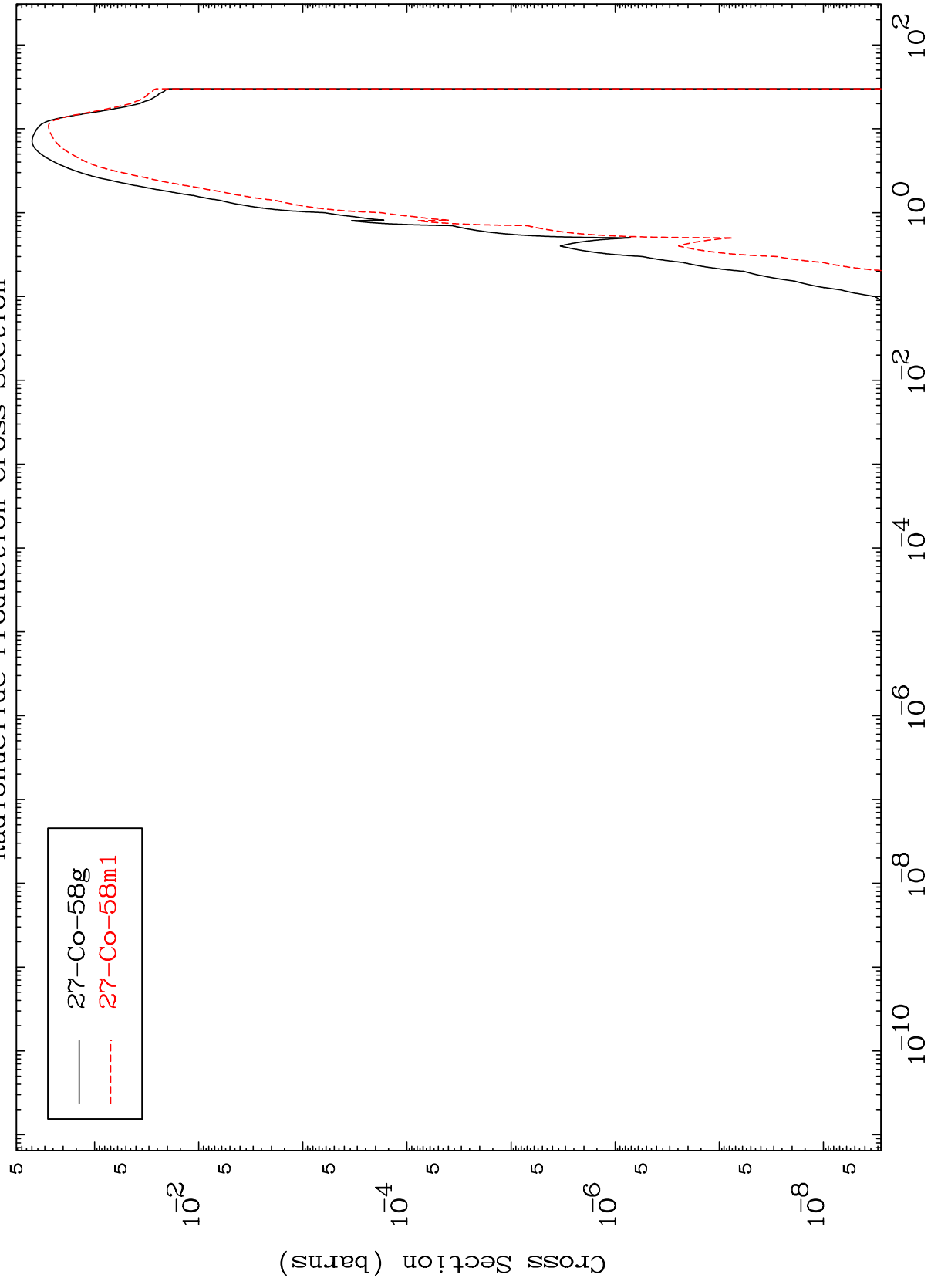
Incident Energy (MeV)

28-Ni-58

MAT 2825

(n,p)  
Radionuclide Production Cross Section

<sup>28</sup>Ni-58



— 27-Co-58g  
- - - 27-Co-58m1