

Program EVALPLOT  
(Version 2018-1)

by

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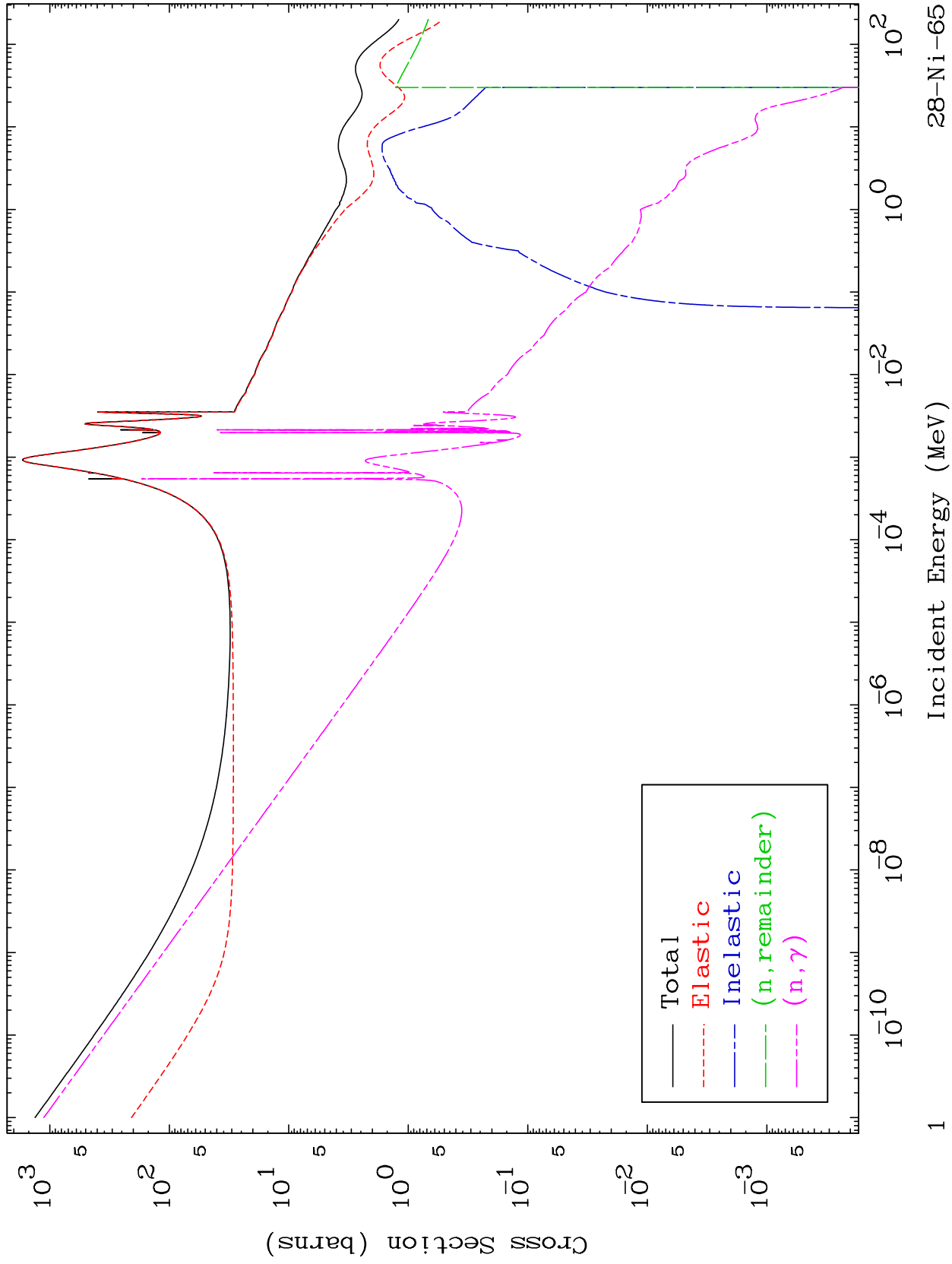
Press Mouse Button to Start

MAT 2846

Major

293 Kelvin Cross Sections

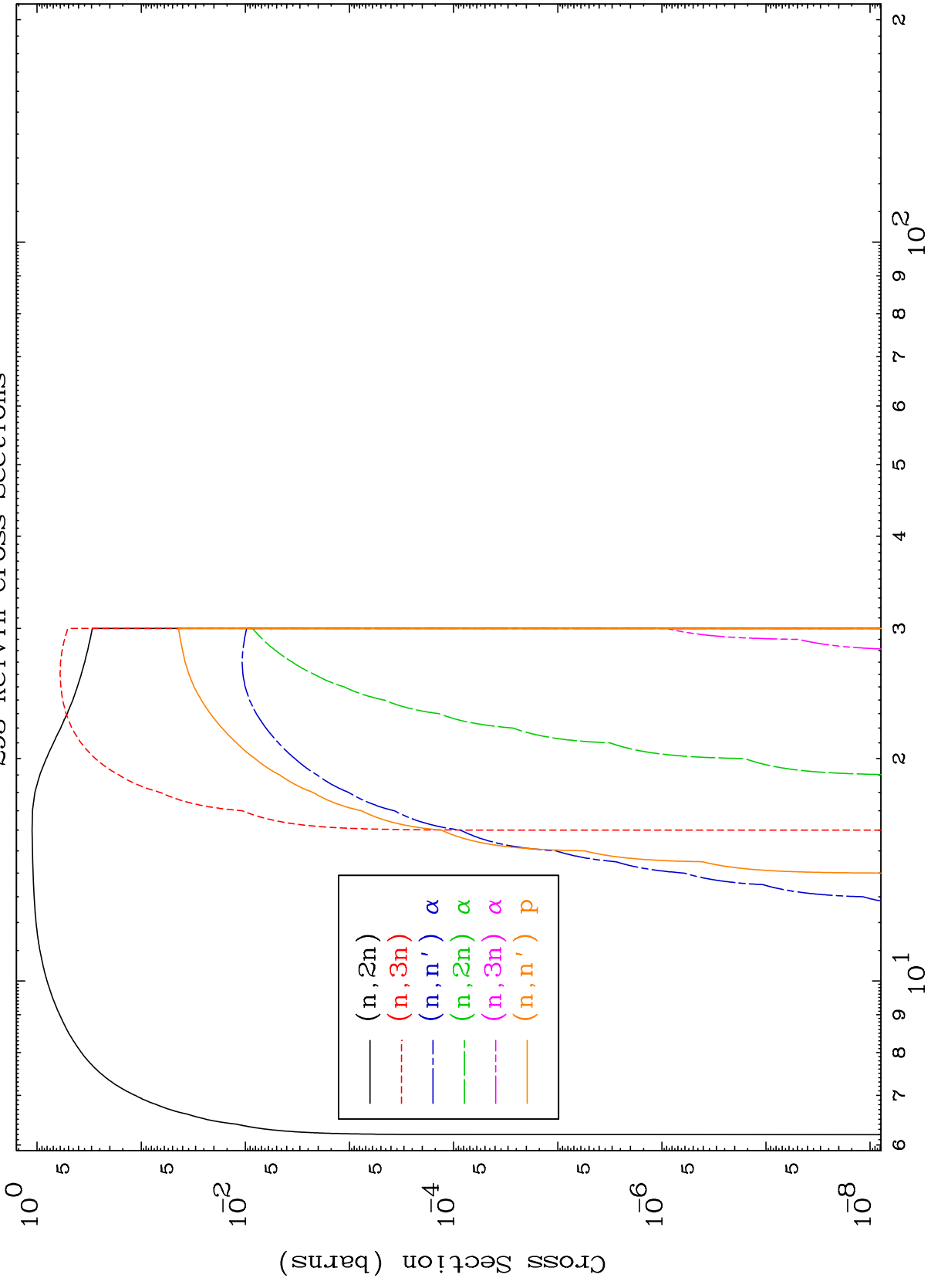
28-Ni-65



MAT 2846

Neutron Production  
293 Kelvin Cross Sections

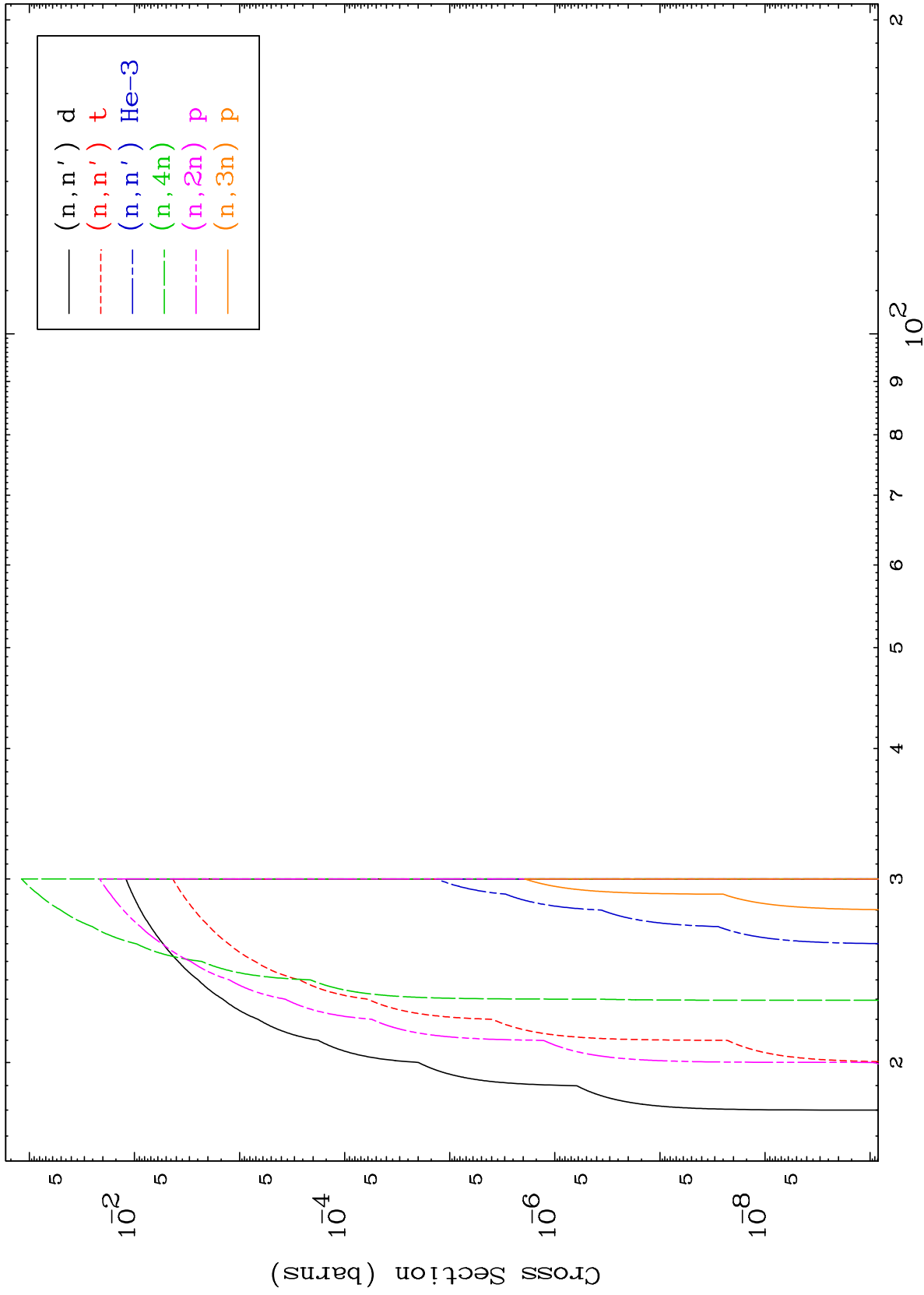
28-Ni-65



2

Incident Energy (MeV)

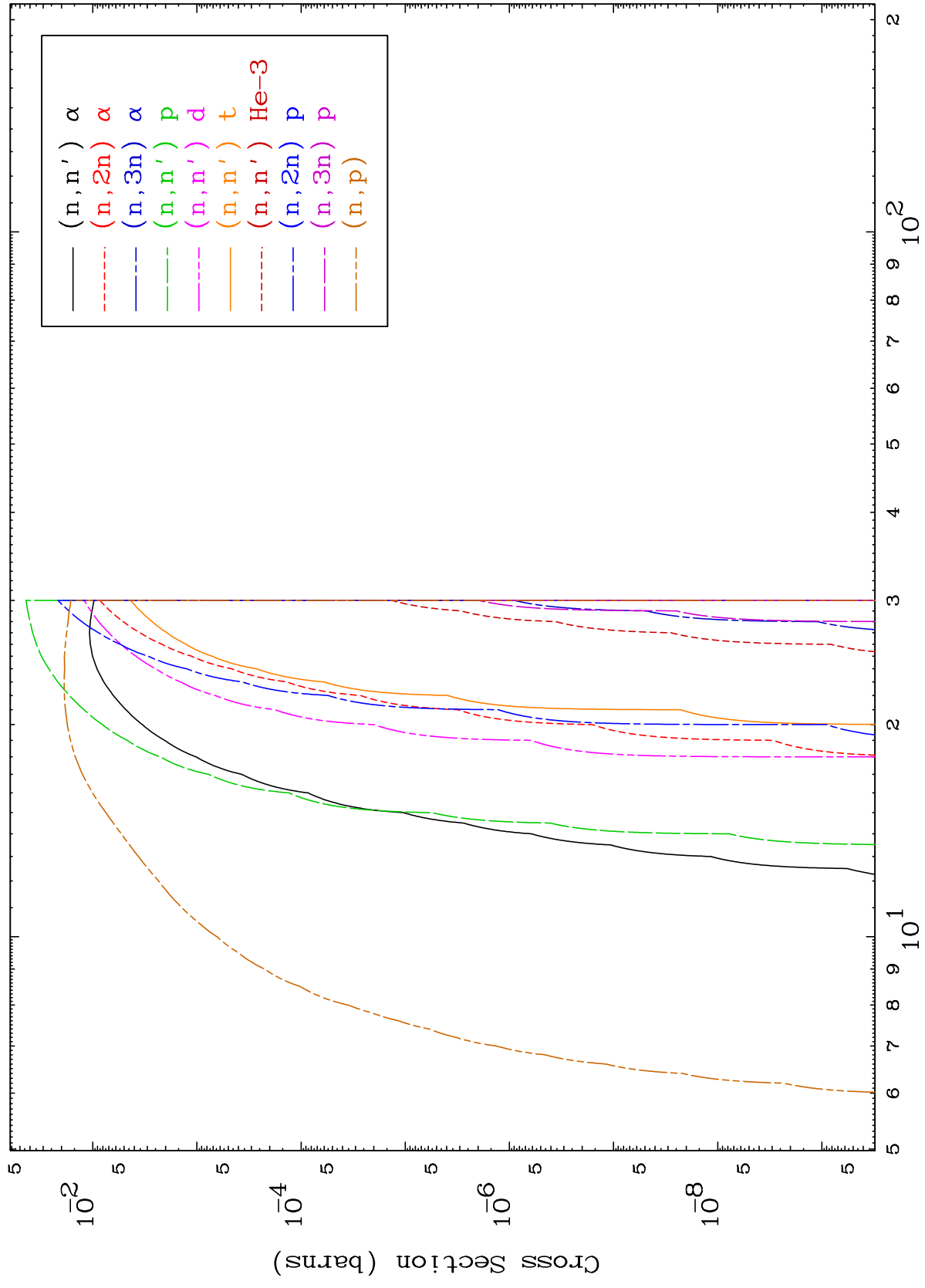
28-Ni-65



MAT 2846

Charged Particle  
293 Kelvin Cross Sections

28-Ni-65



4

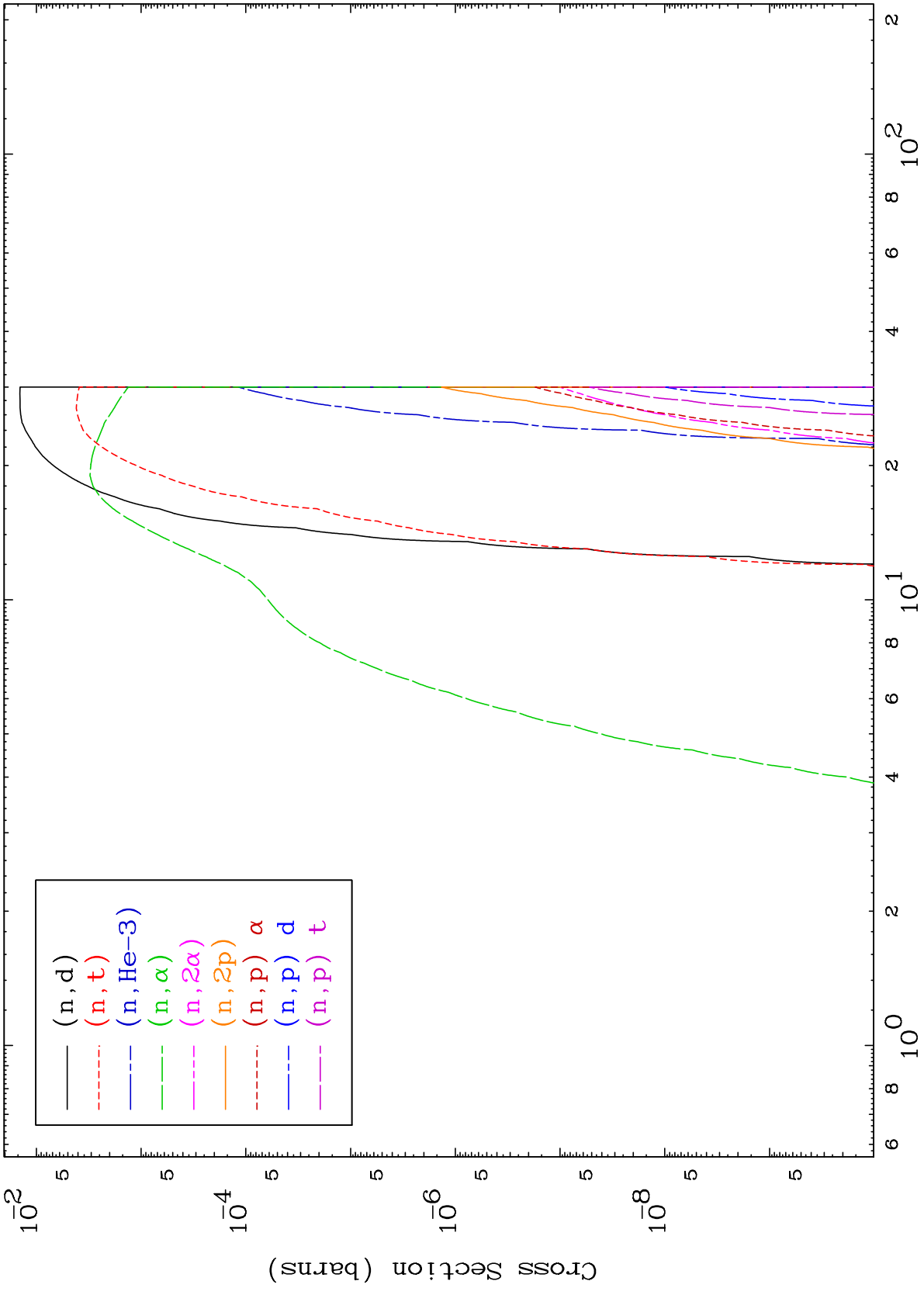
Incident Energy (MeV)

28-Ni-65

MAT 2846

Charged Particle  
293 Kelvin Cross Sections

28-Ni-65

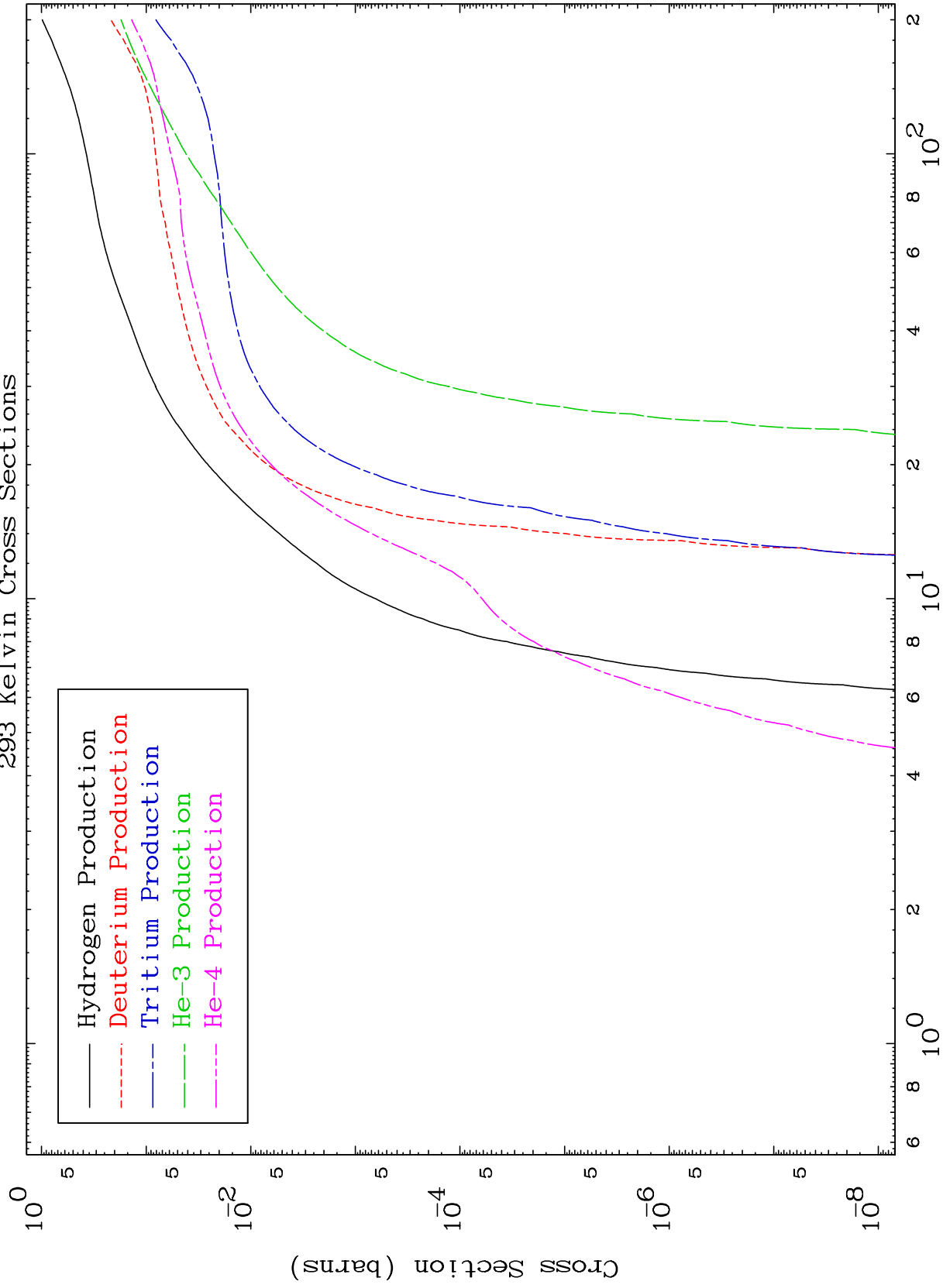


5

MAT 2846

Particle Production  
293 Kelvin Cross Sections

28-Ni-65



28-Ni-65

Incident Energy (MeV)

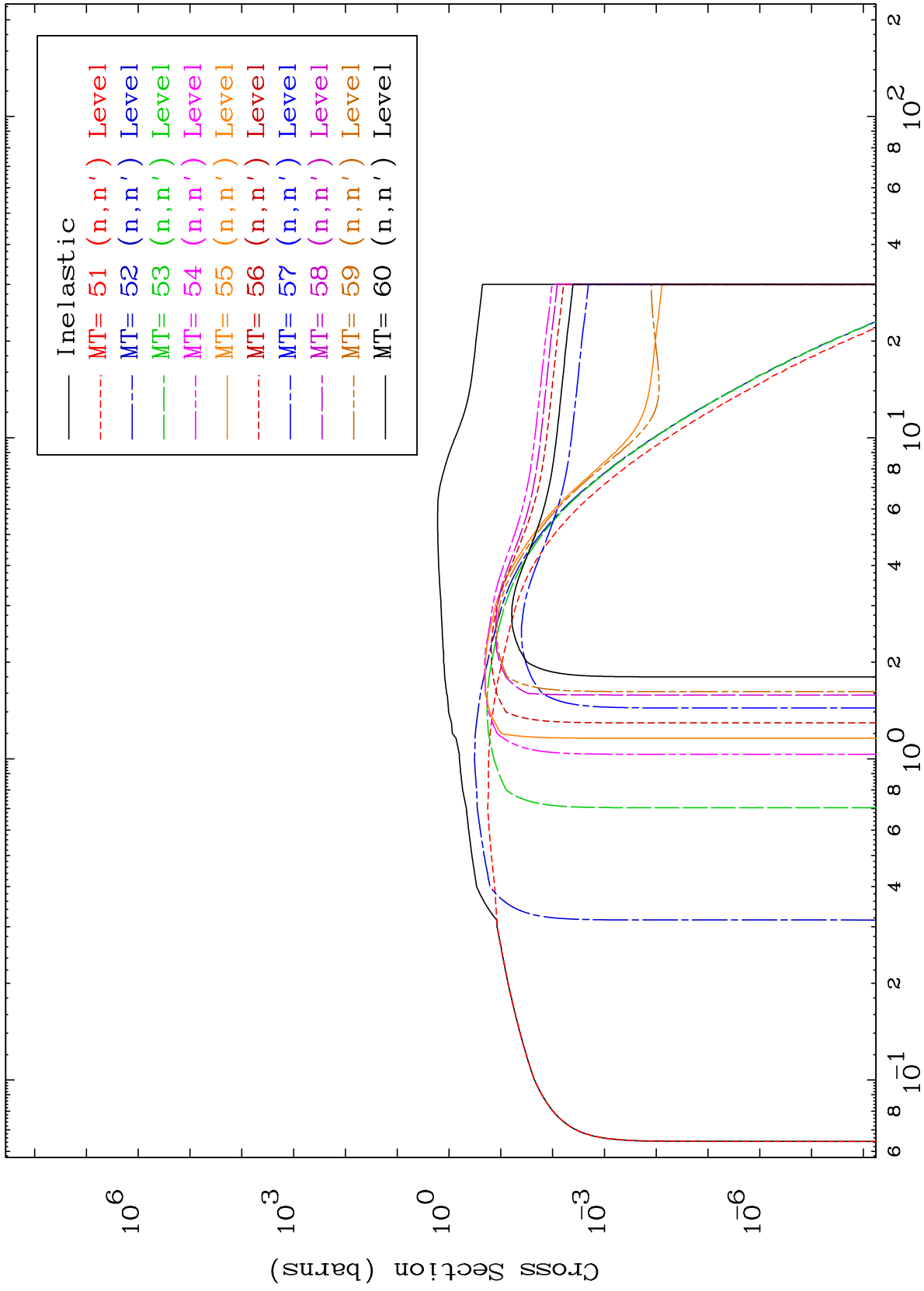
6

MAT 2846

(n,n') Level

28-Ni-65

293 Kelvin Cross Sections



7

Incident Energy (MeV)

28-Ni-65

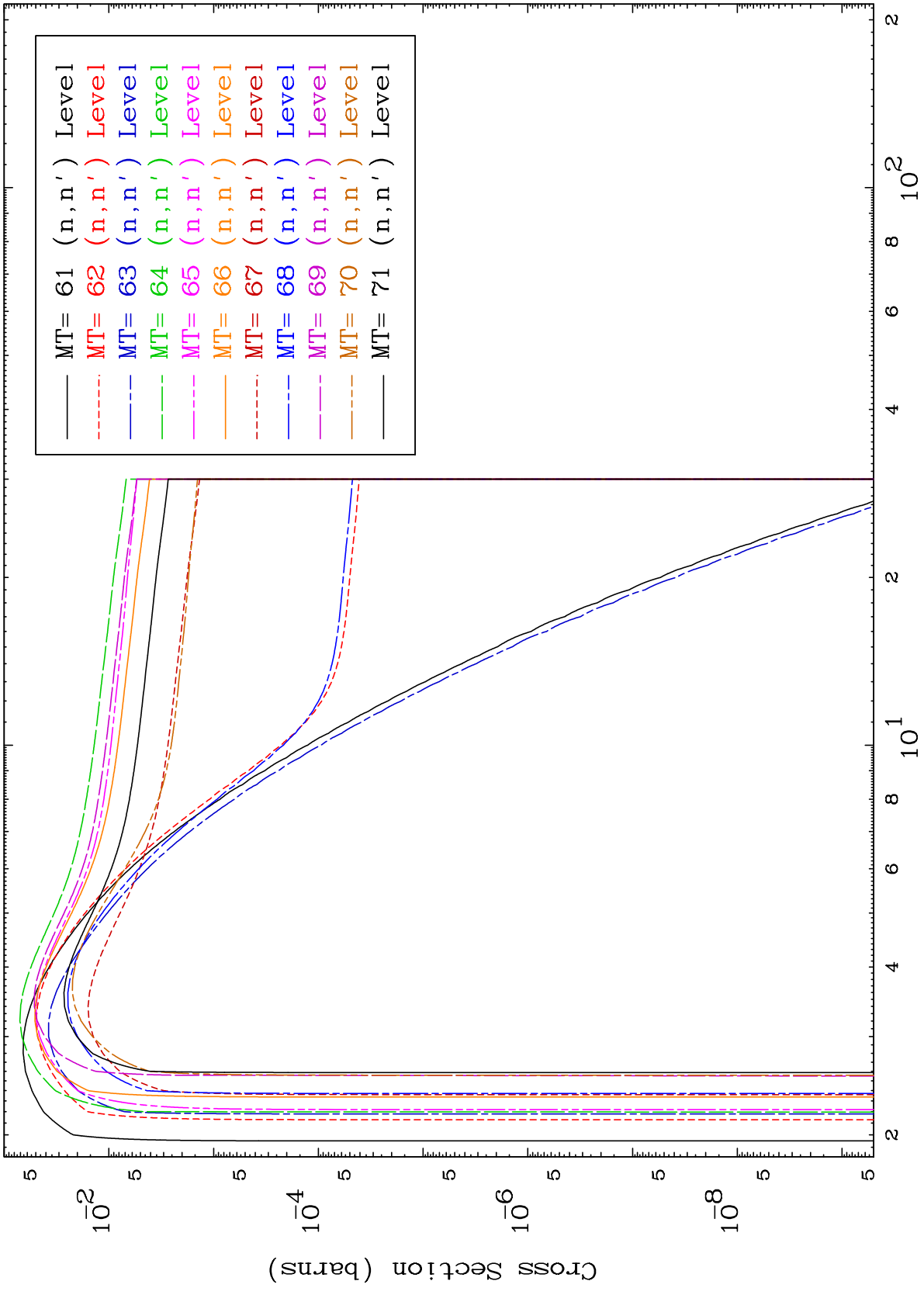


MAT 2846

(n,n') Level

28-Ni-65

293 Kelvin Cross Sections



8

Incident Energy (MeV)

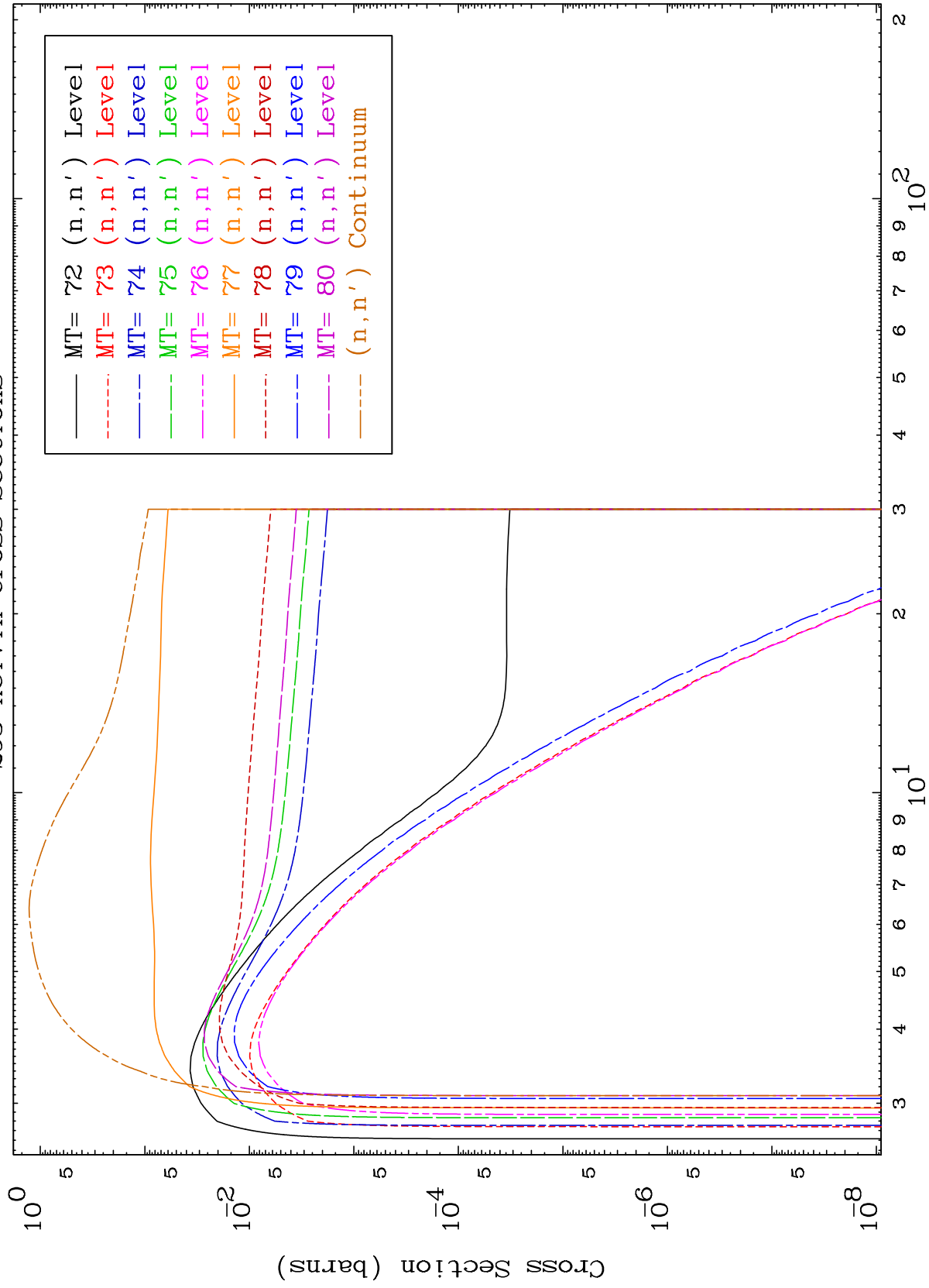
28-Ni-65

MAT 2846

(n,n') Level

28-Ni-65

293 Kelvin Cross Sections



9

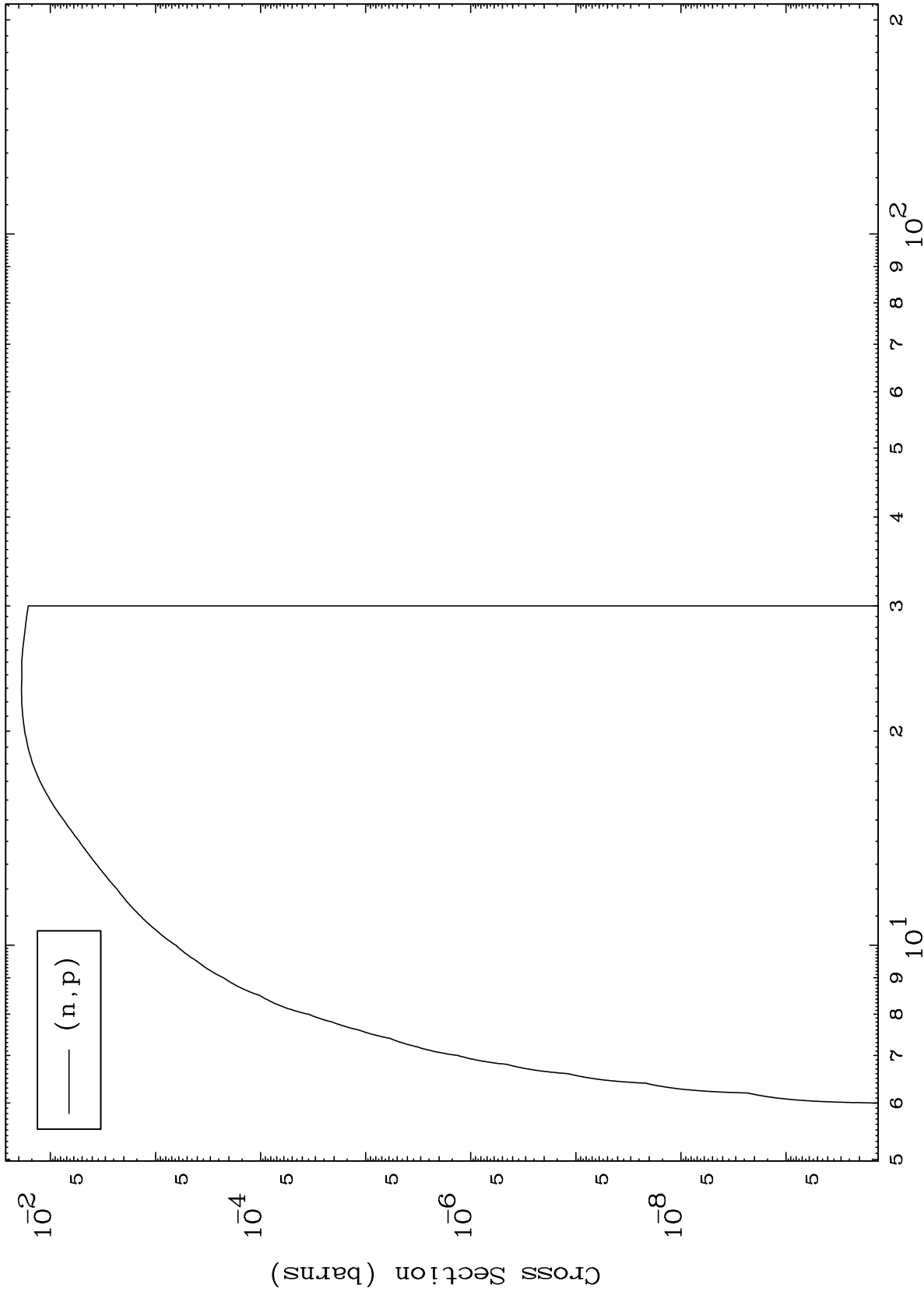
Incident Energy (MeV)

28-Ni-65

MAT 2846

(n,p) Levels  
293 Kelvin Cross Sections

28-Ni-65



10

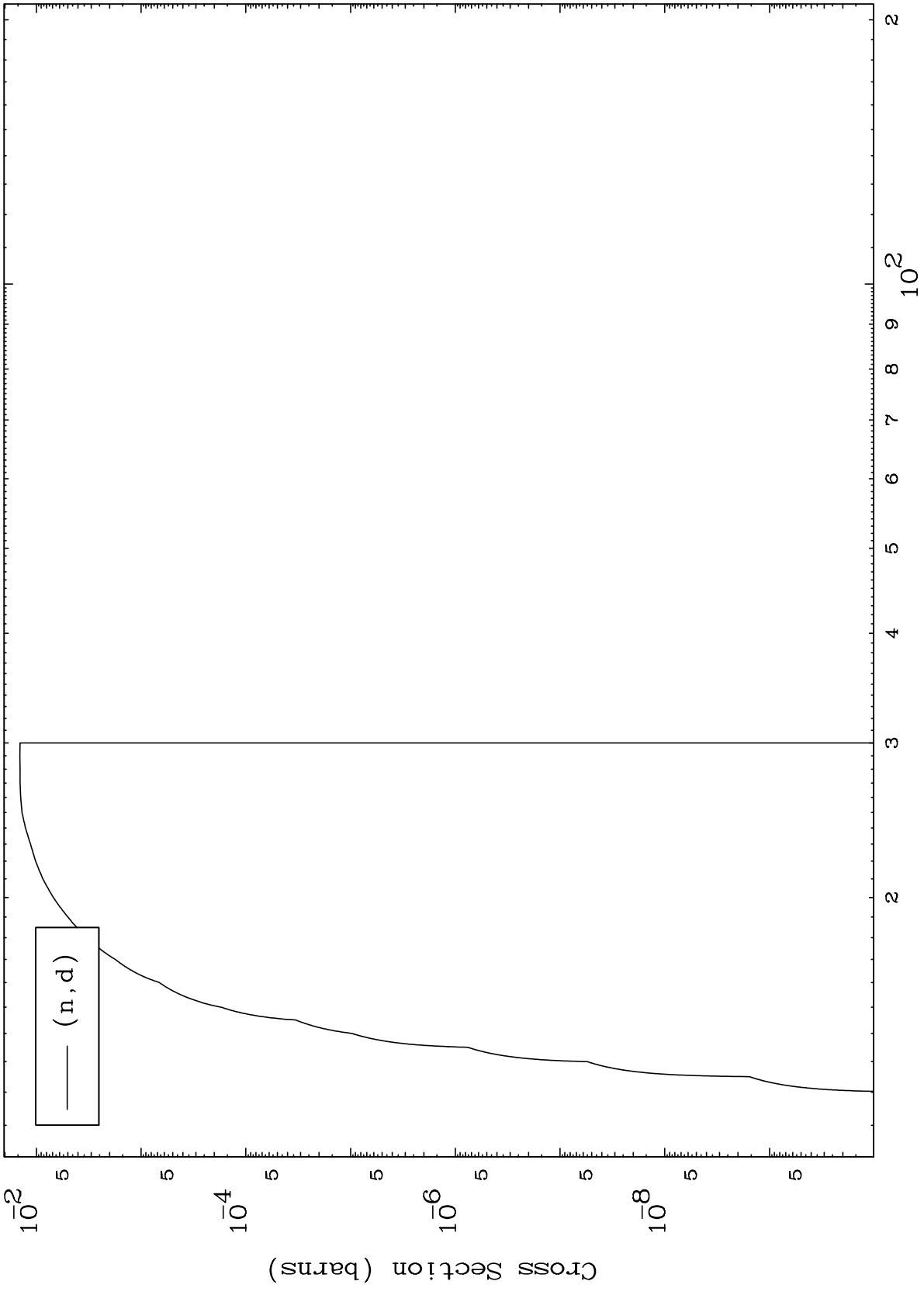
Incident Energy (MeV)

28-Ni-65

MAT 2846

(n,d) Levels  
293 Kelvin Cross Sections

28-Ni-65



11

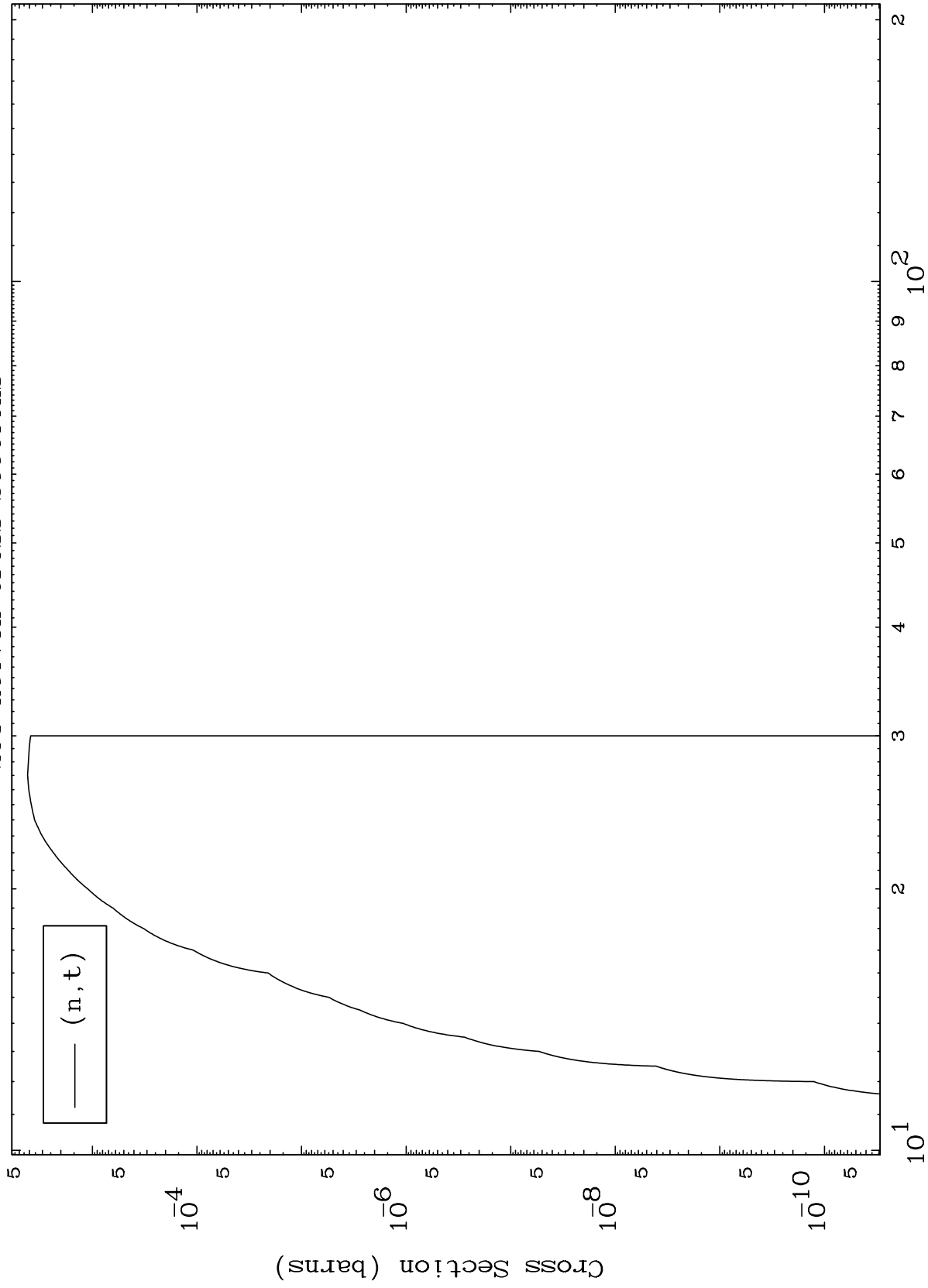
Incident Energy (MeV)

28-Ni-65

MAT 2846

(n,t) Levels  
293 Kelvin Cross Sections

28-Ni-65



12

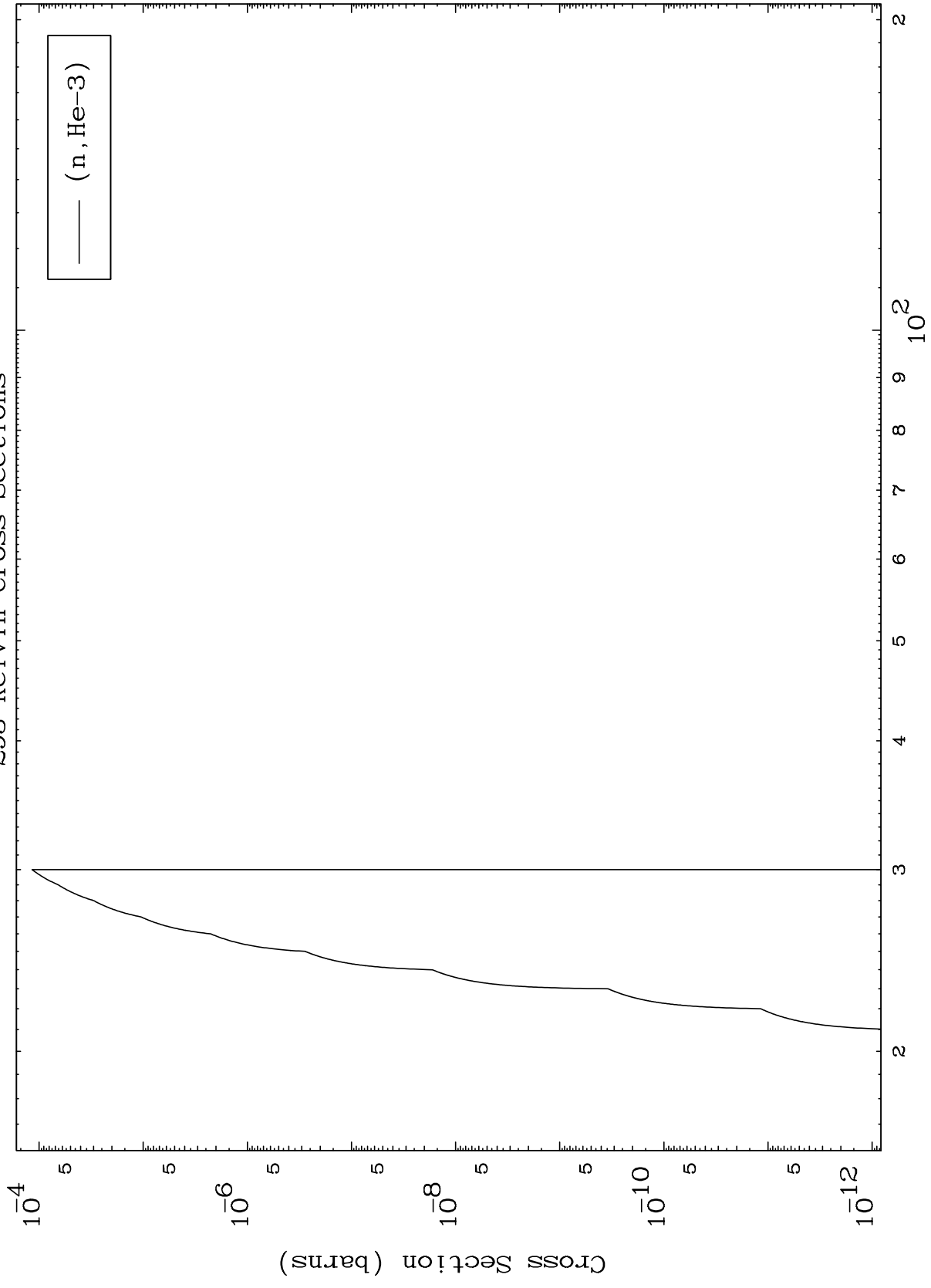
Incident Energy (MeV)

28-Ni-65

MAT 2846

(n,He3) Levels  
293 Kelvin Cross Sections

28-Ni-65



13

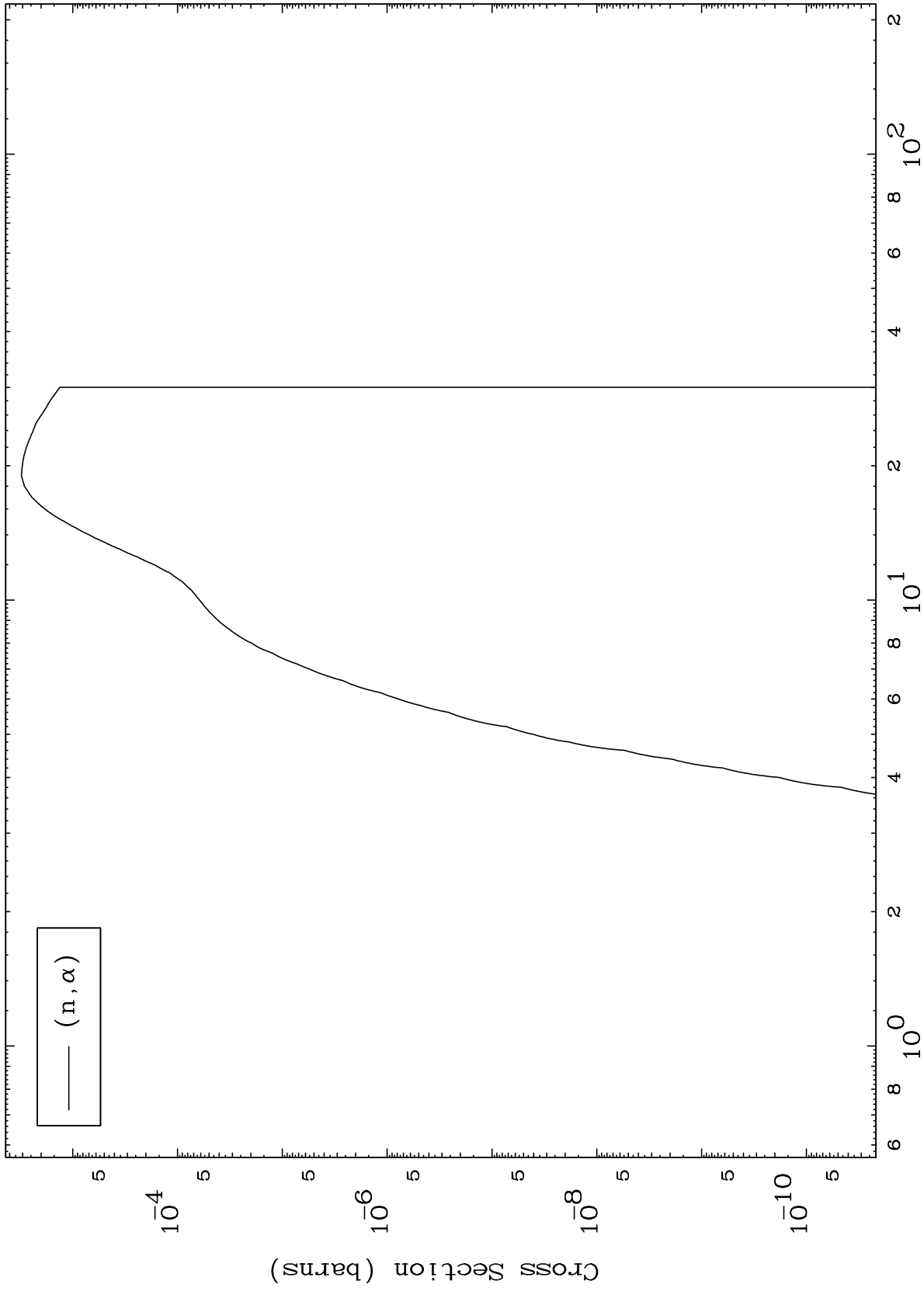
Incident Energy (MeV)

28-Ni-65

MAT 2846

(n,α) Levels  
293 Kelvin Cross Sections

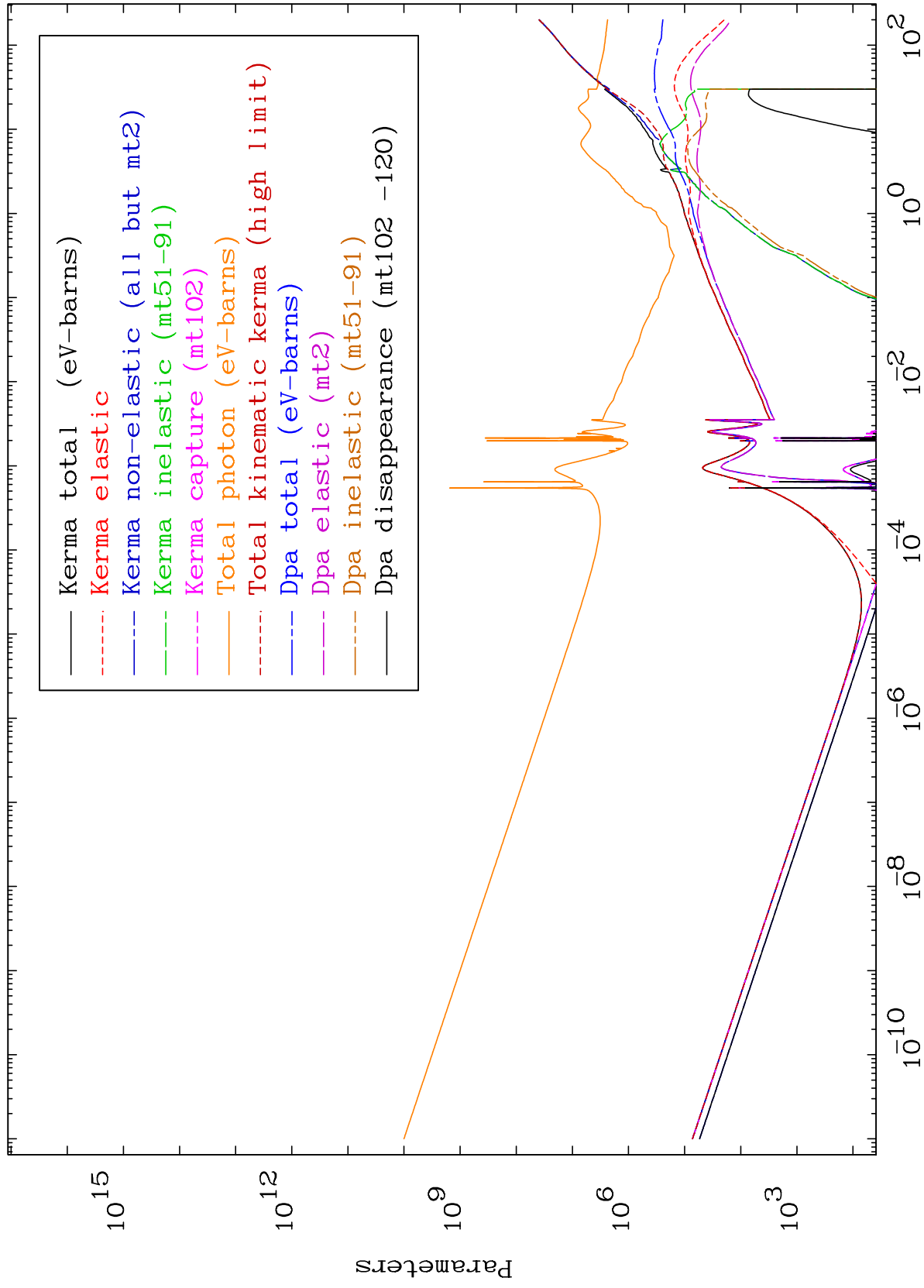
28-Ni-65



14

Incident Energy (MeV)

28-Ni-65





MAT 2846

Elastic Legendre Coefficients

28-Ni-65



16

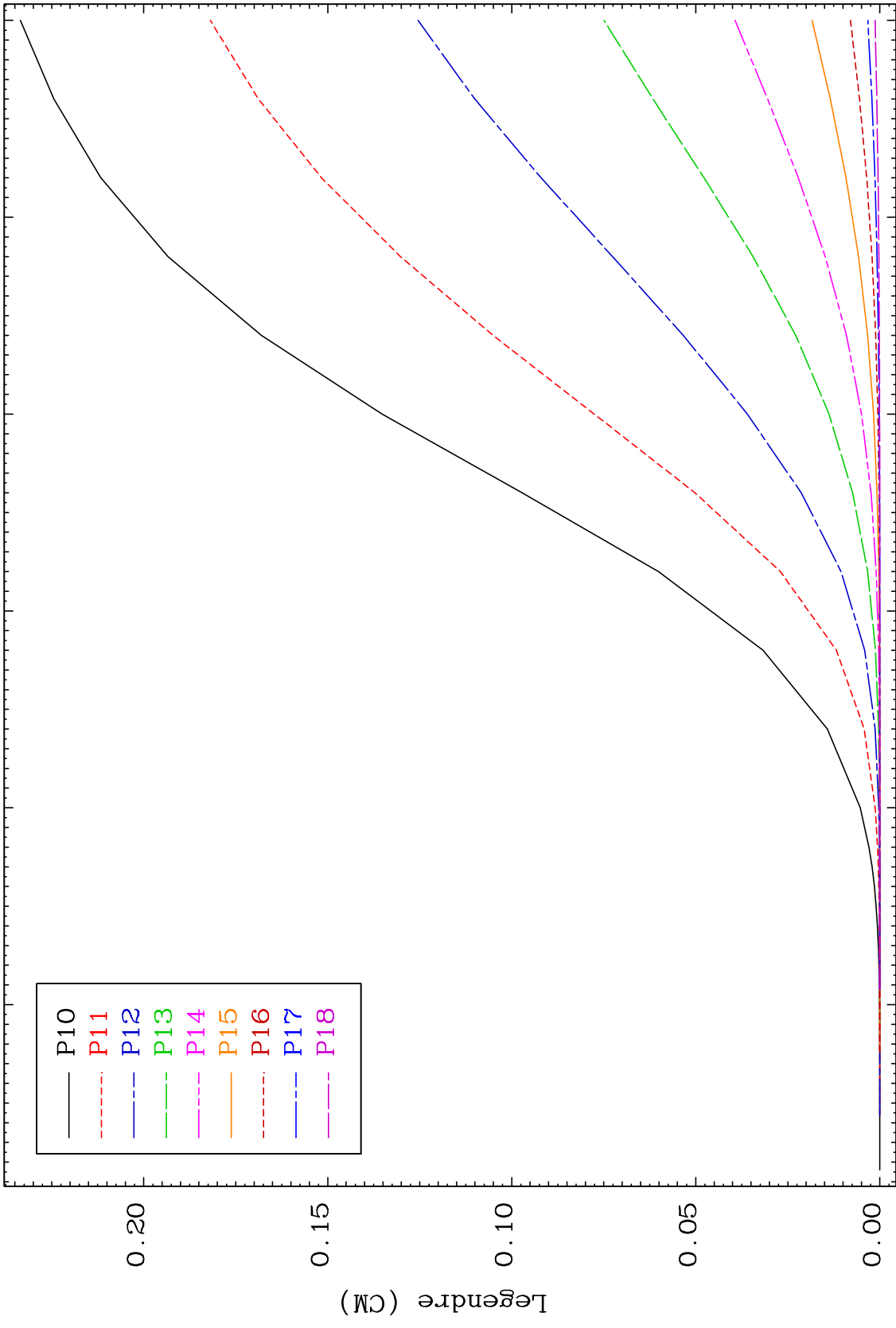
Incident Energy (MeV)

28-Ni-65

MAT 2846

Elastic Legendre Coefficients

<sup>28</sup>Ni-65



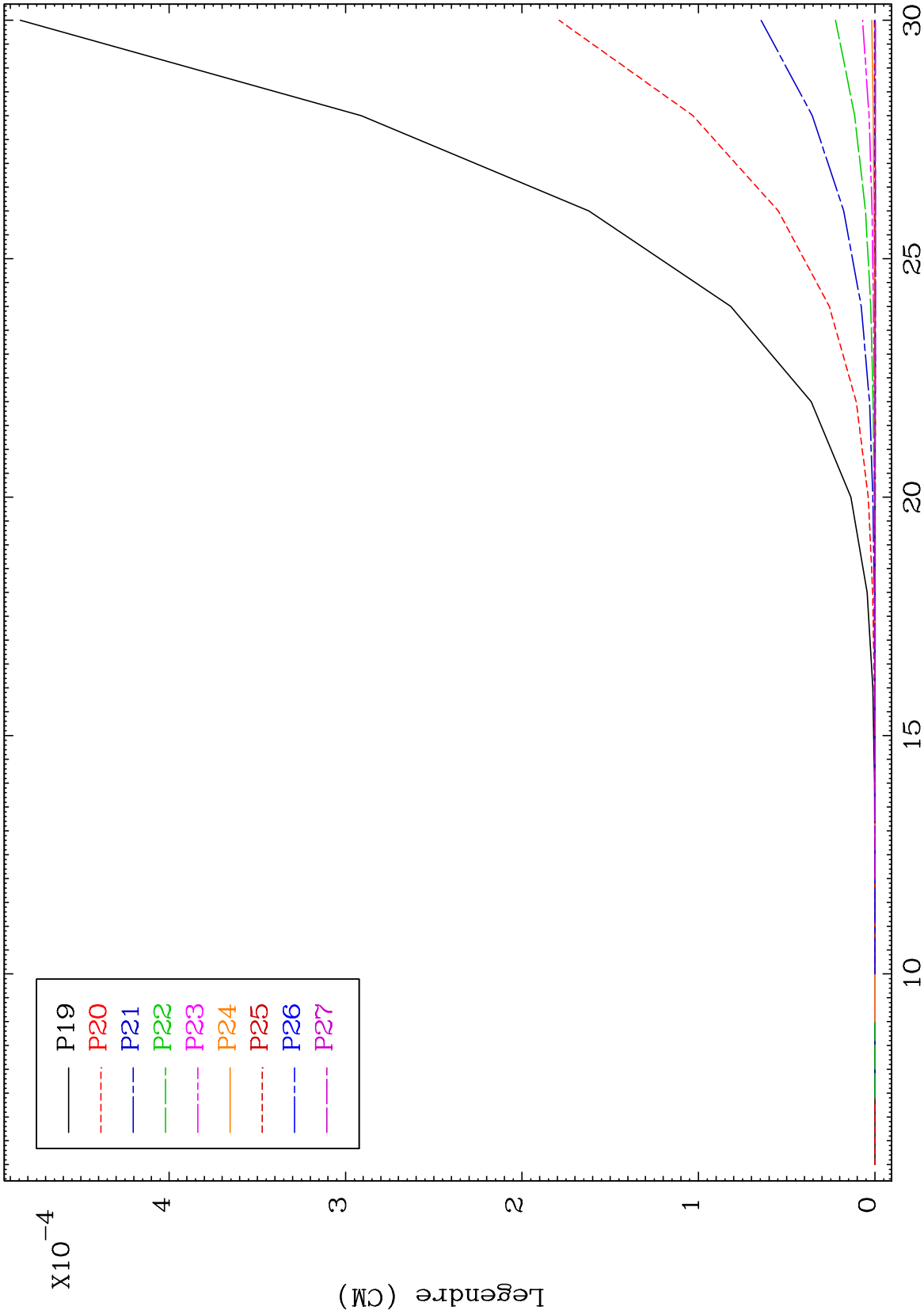
17

<sup>28</sup>Ni-65

MAT 2846

Elastic Legendre Coefficients

<sup>28</sup>Ni-65



18

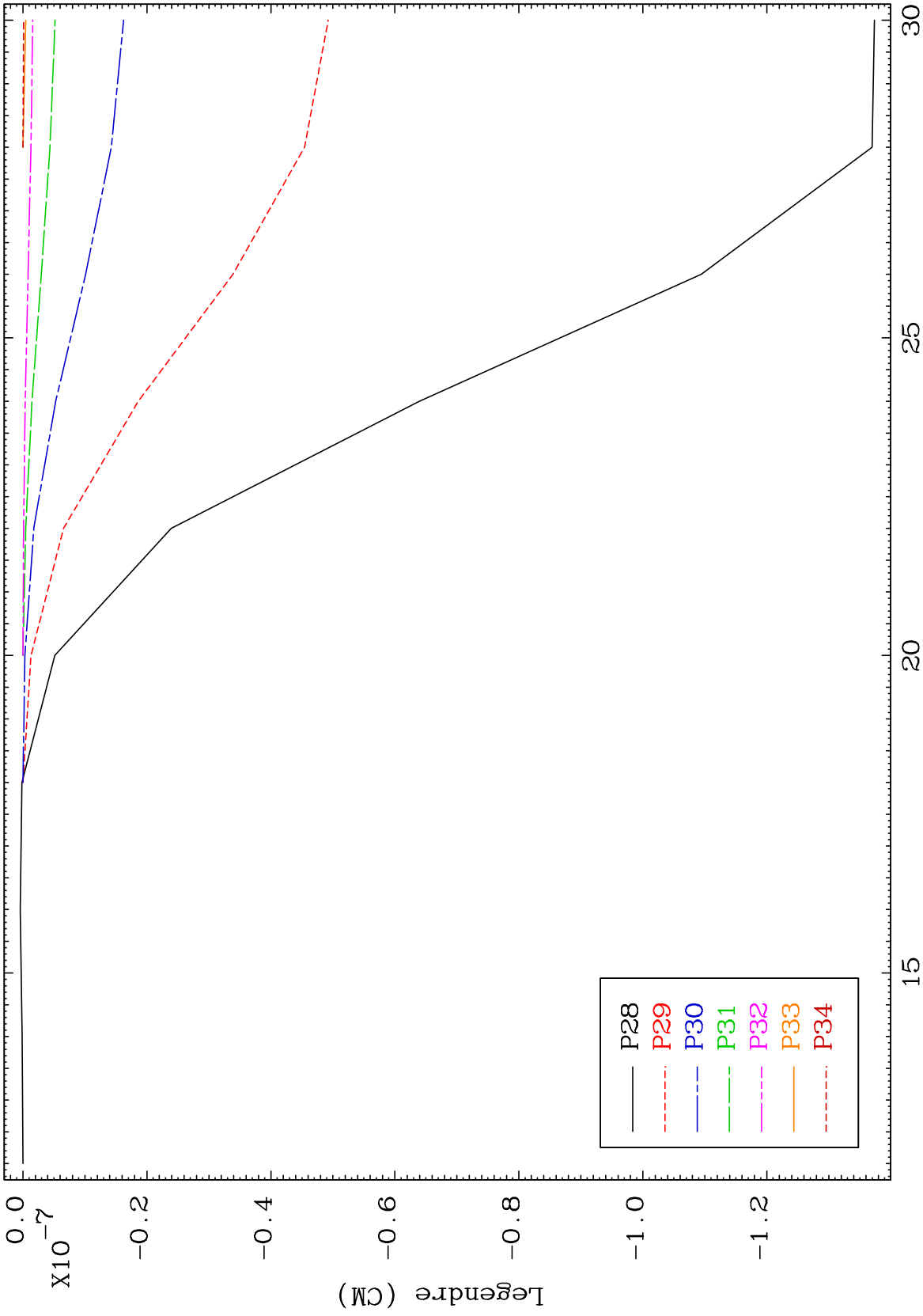
Incident Energy (MeV)

<sup>28</sup>Ni-65

MAT 2846

Elastic Legendre Coefficients

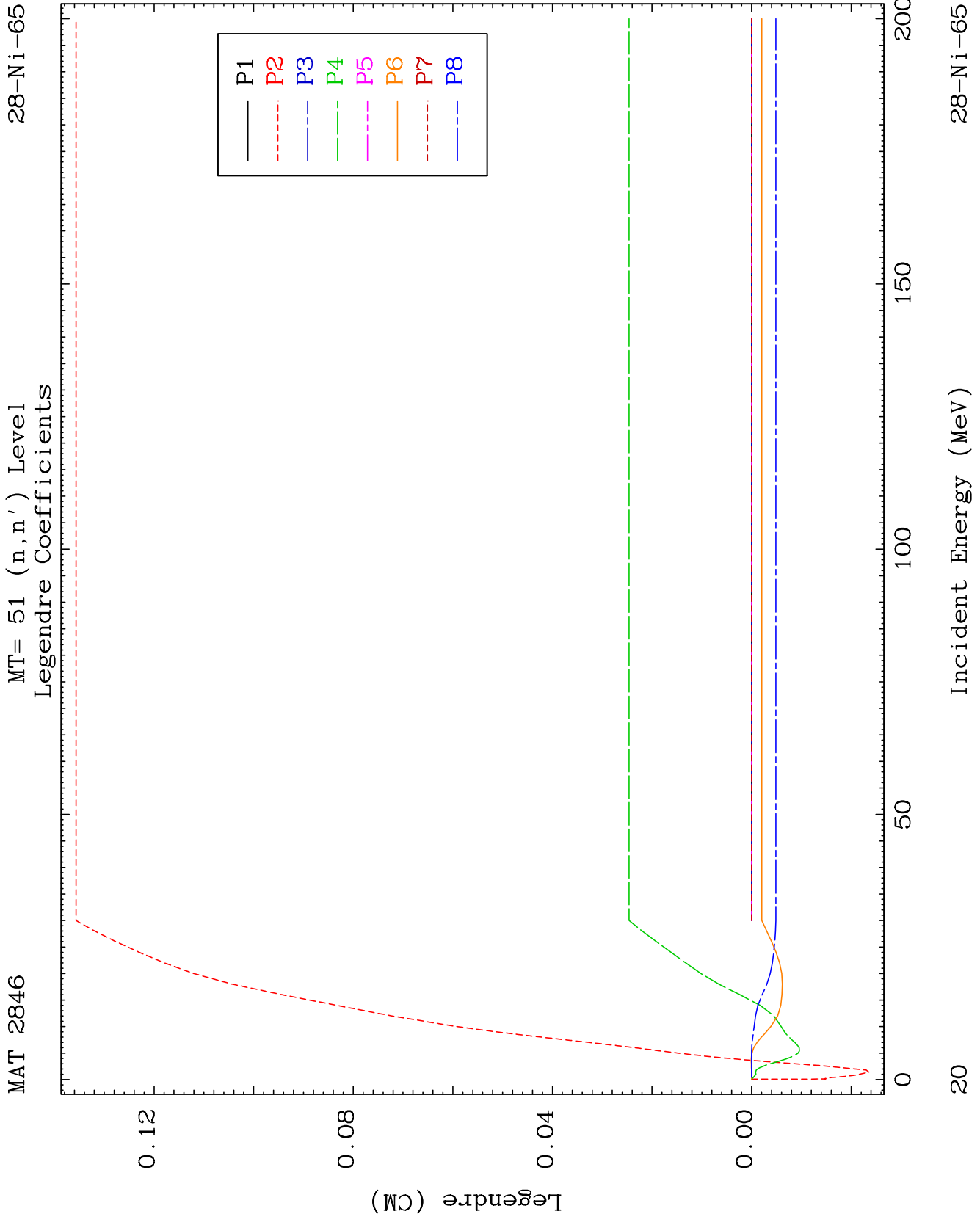
<sup>28</sup>Ni-65



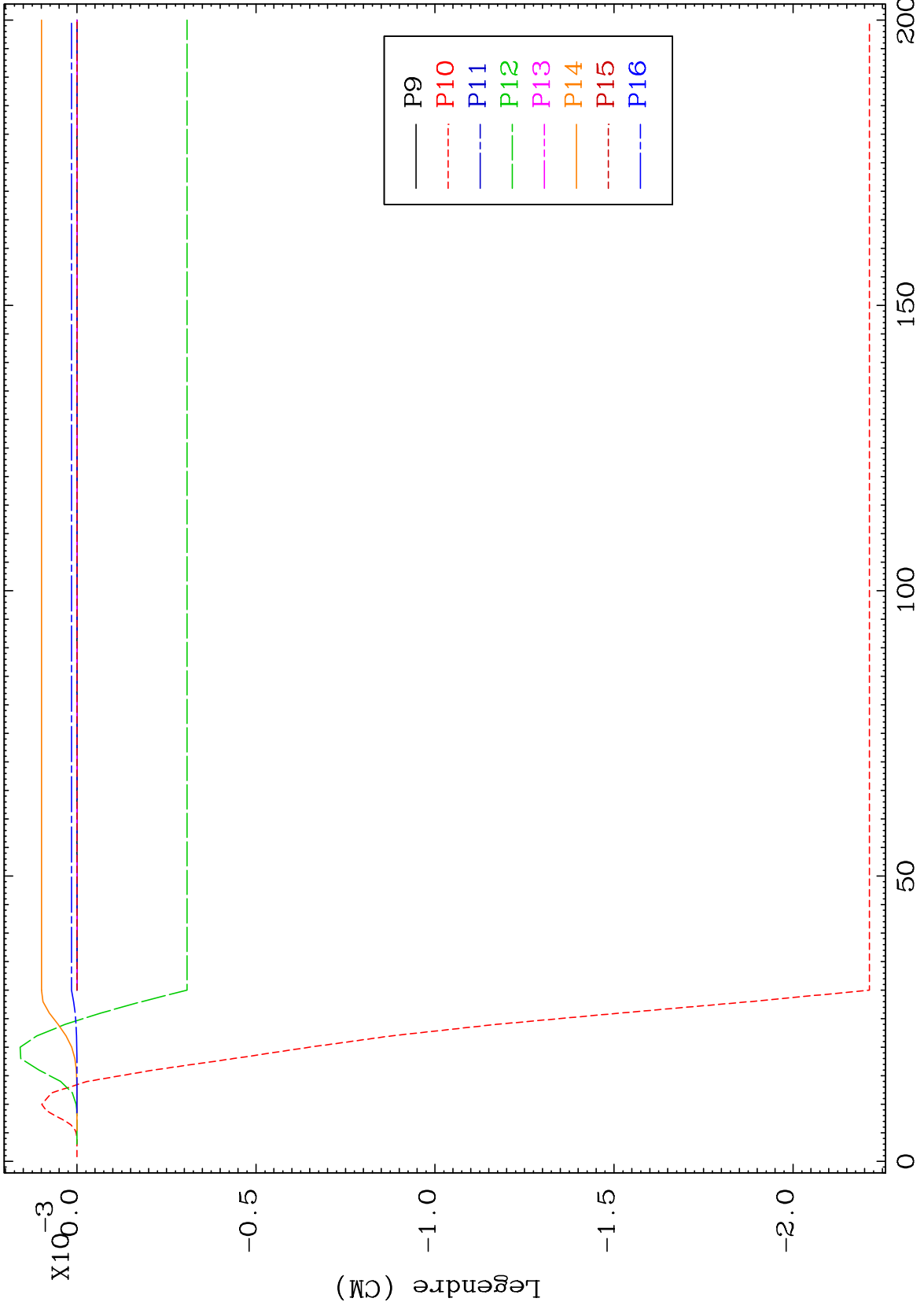
19

Incident Energy (MeV)

<sup>28</sup>Ni-65

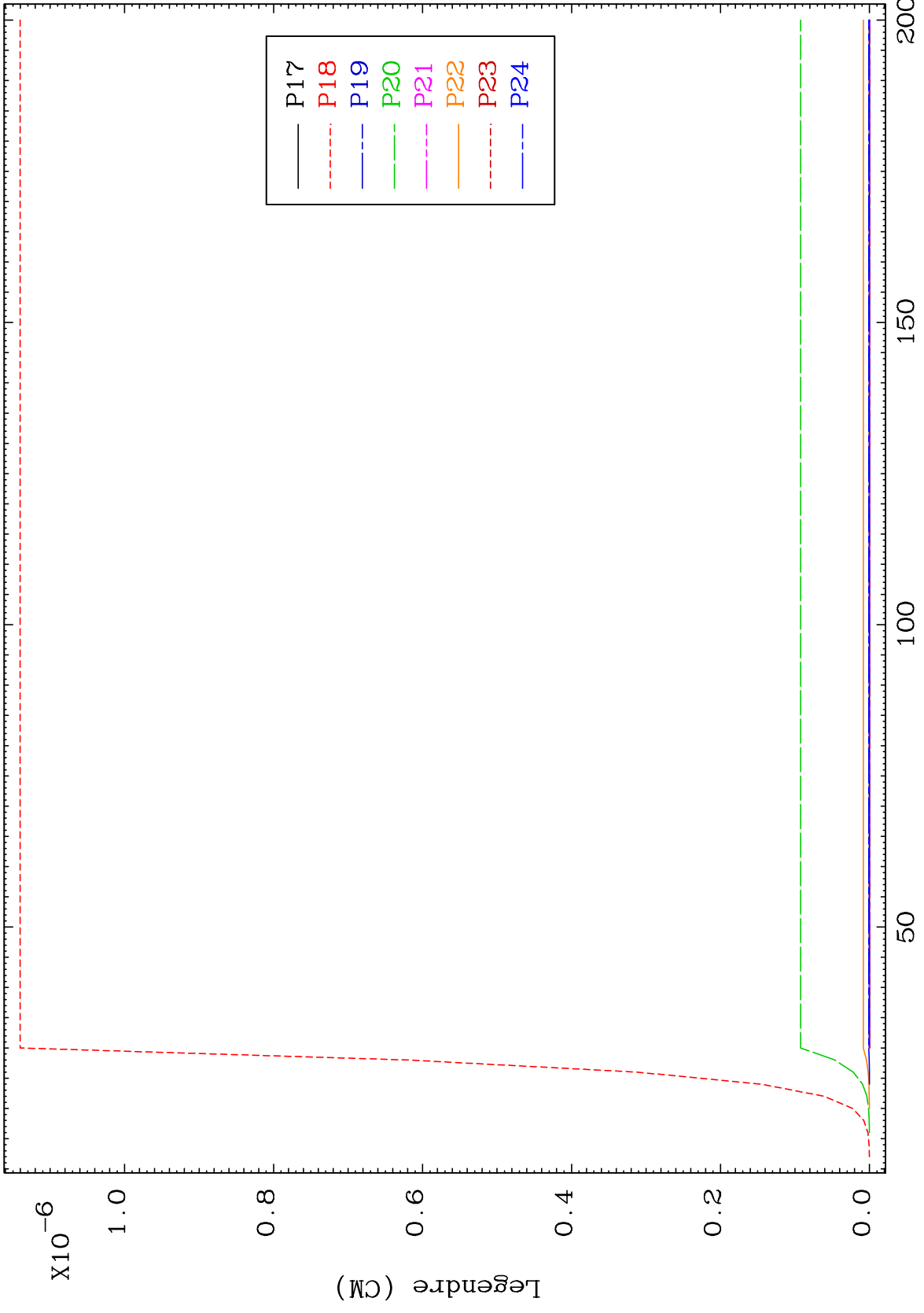


MAT 2846 MT= 51 (n,n') Level Legendre Coefficients 28-Ni-65



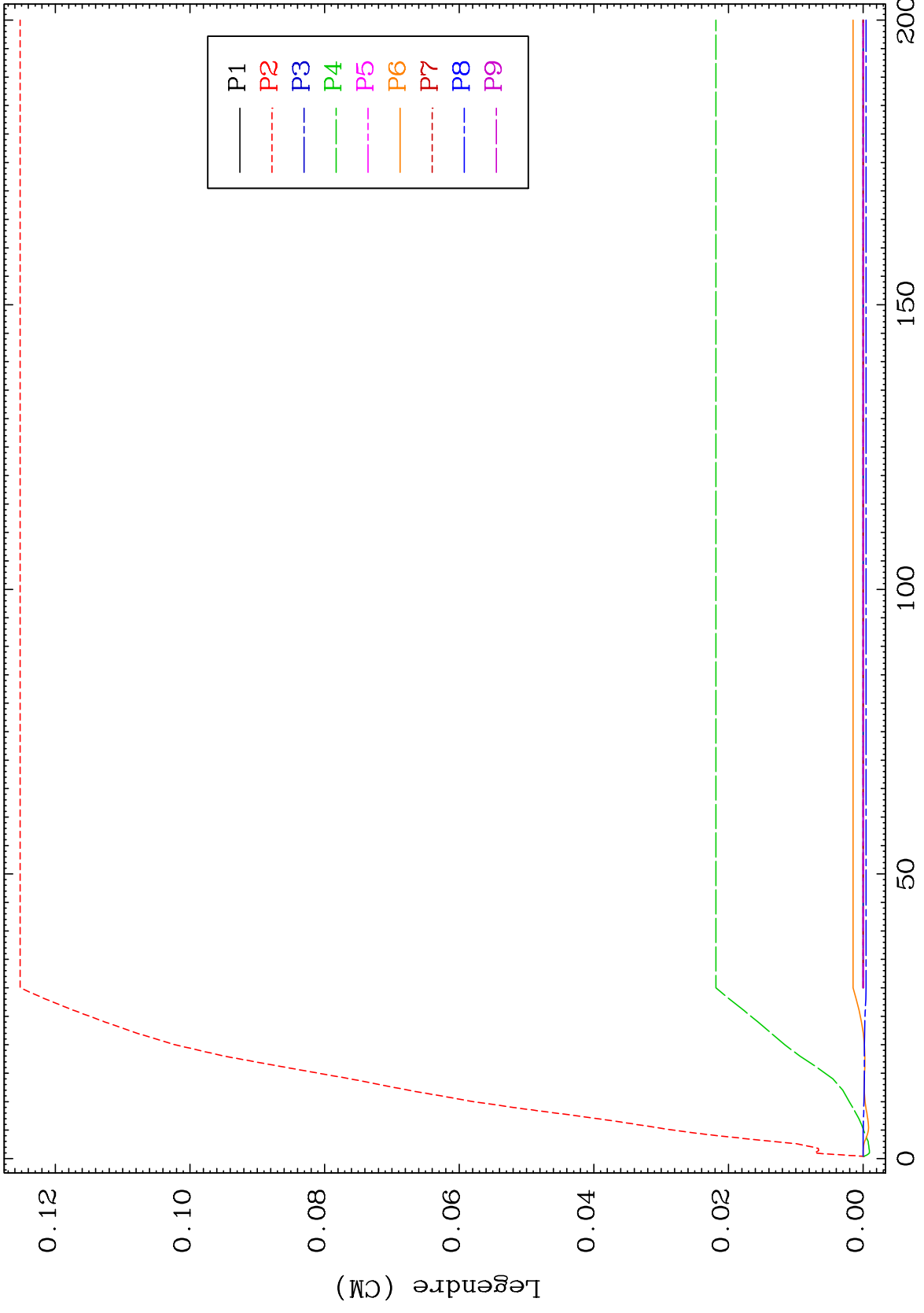
21 28-Ni-65

MAT 2846 MT= 51 (n,n') Level Legendre Coefficients 28-Ni-65



28-Ni-65

MAT 2846 MT= 52 (n,n') Level Legendre Coefficients 28-Ni-65



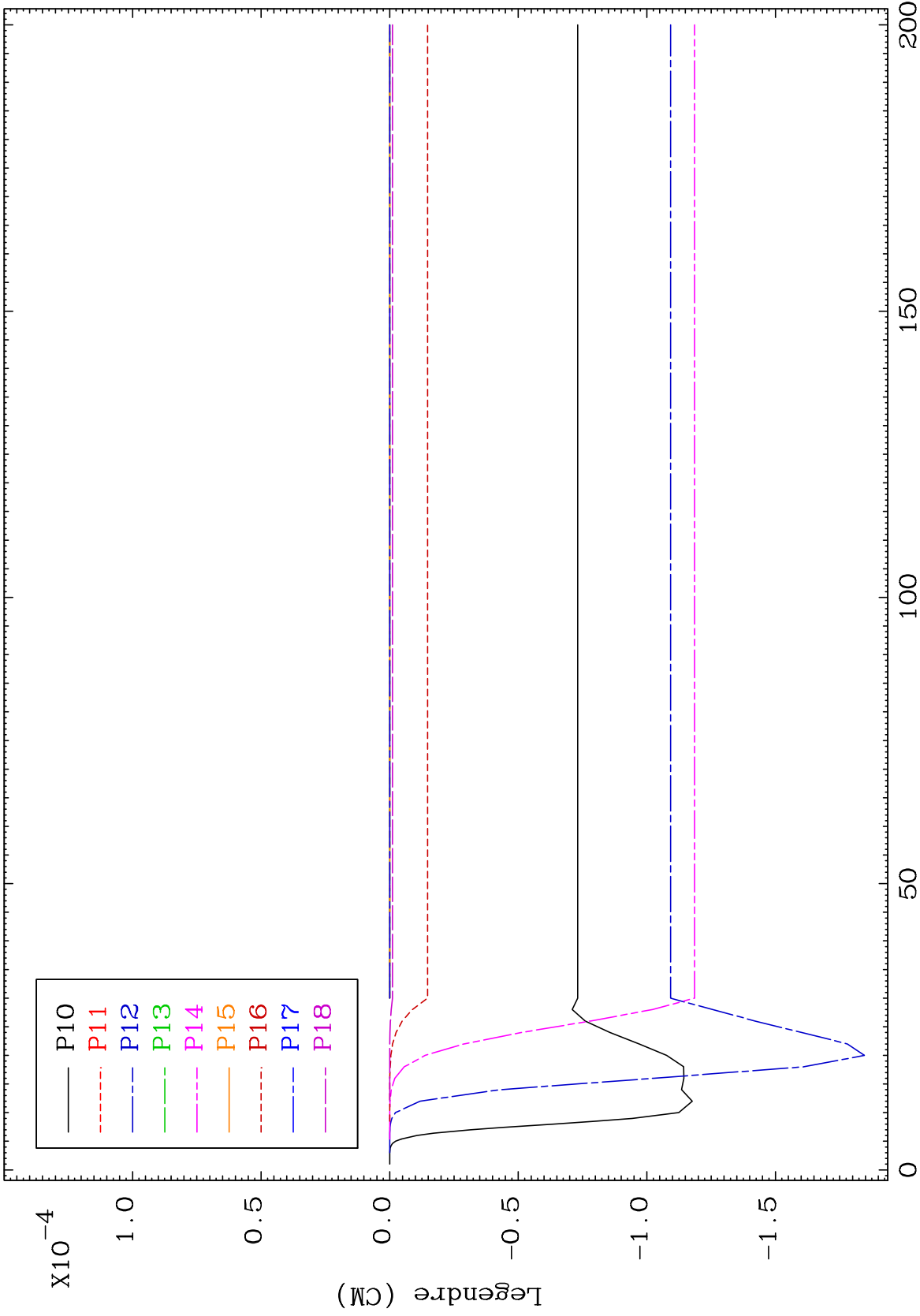
23 Incident Energy (MeV) 28-Ni-65



MAT 2846

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

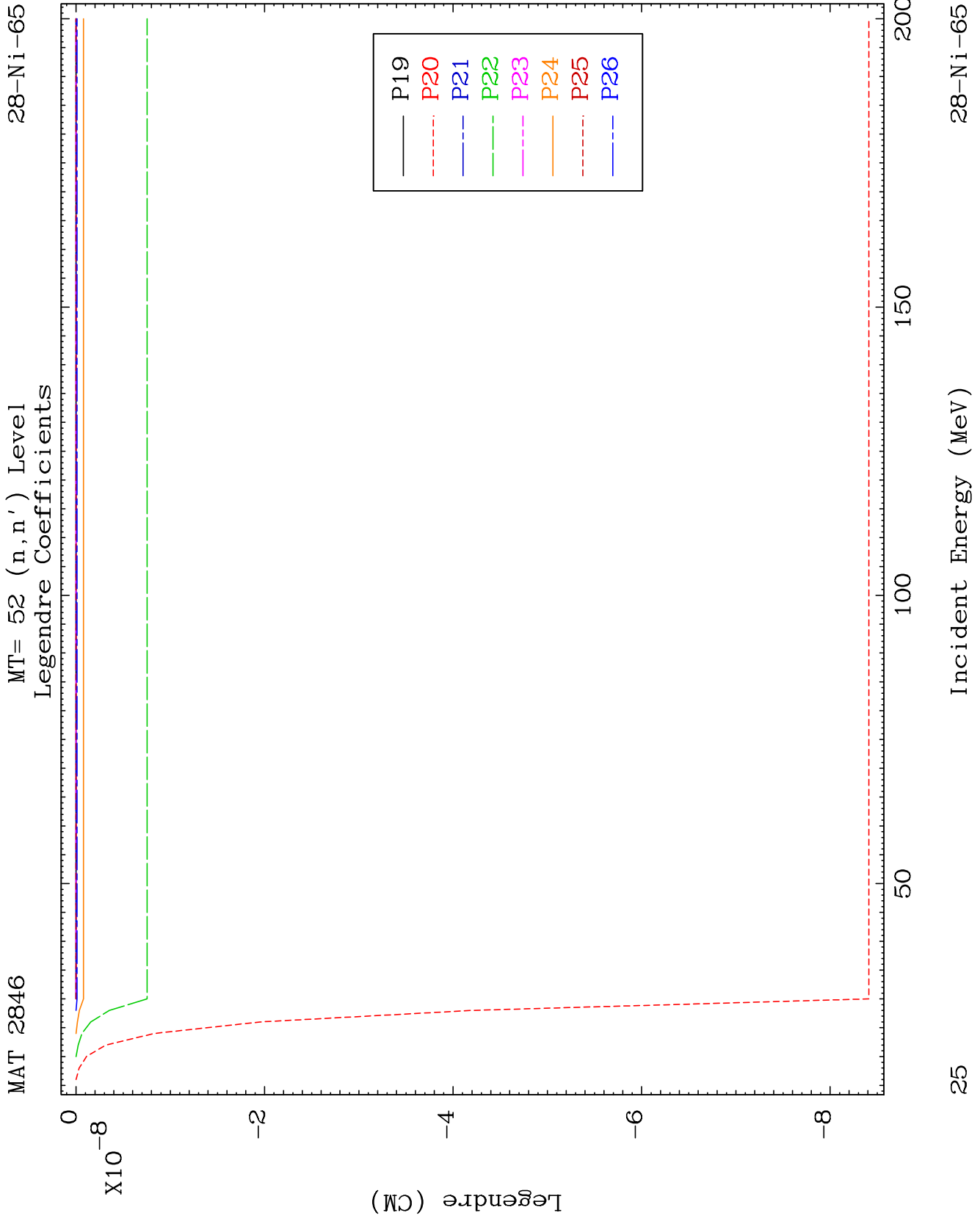
28-Ni-65



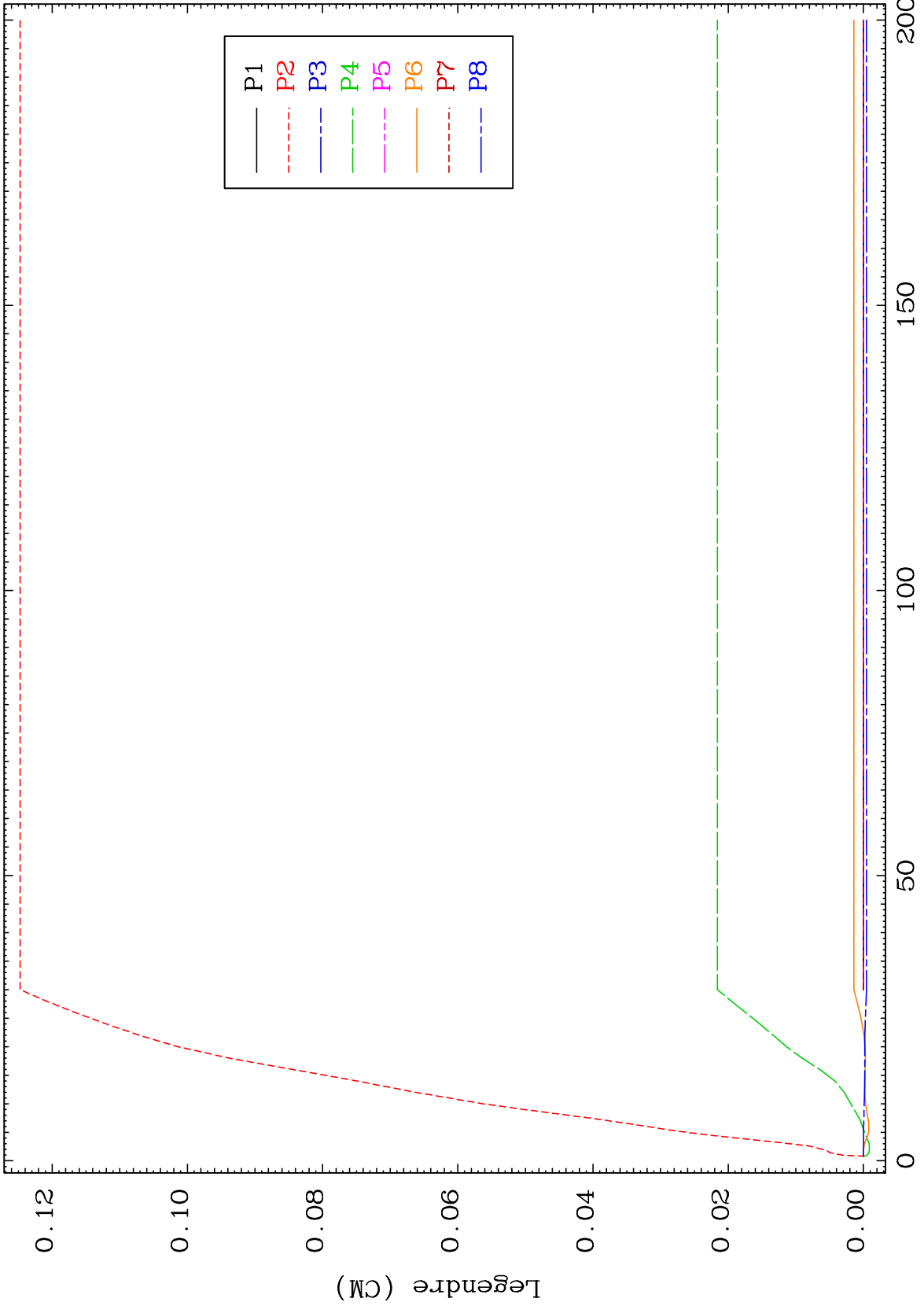
24

Incident Energy (MeV)

28-Ni-65



MAT 2846 MT= 53 (n,n') Level Legendre Coefficients 28-Ni-65

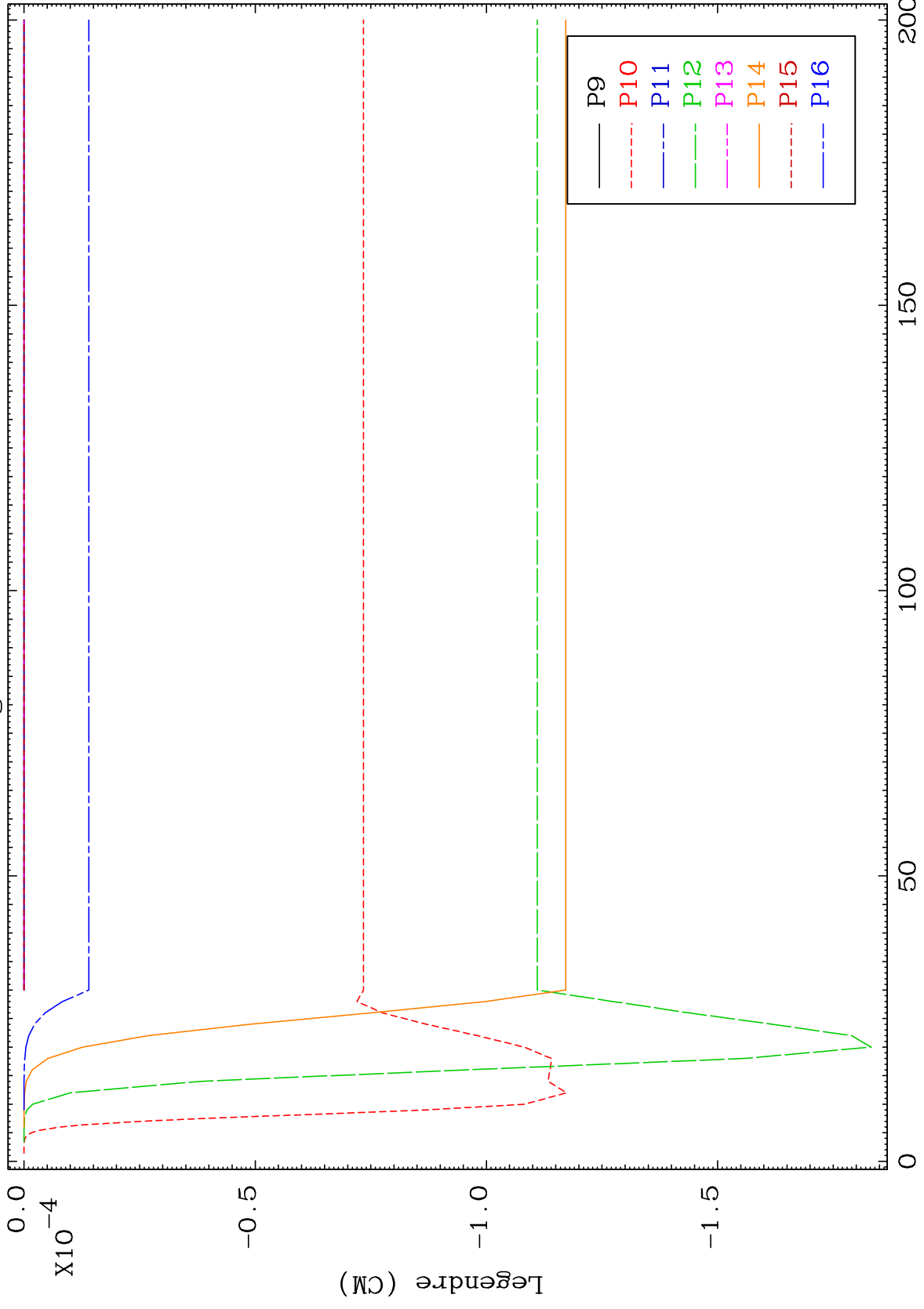


26 Incident Energy (MeV) 28-Ni-65

MAT 2846

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

28-Ni-65

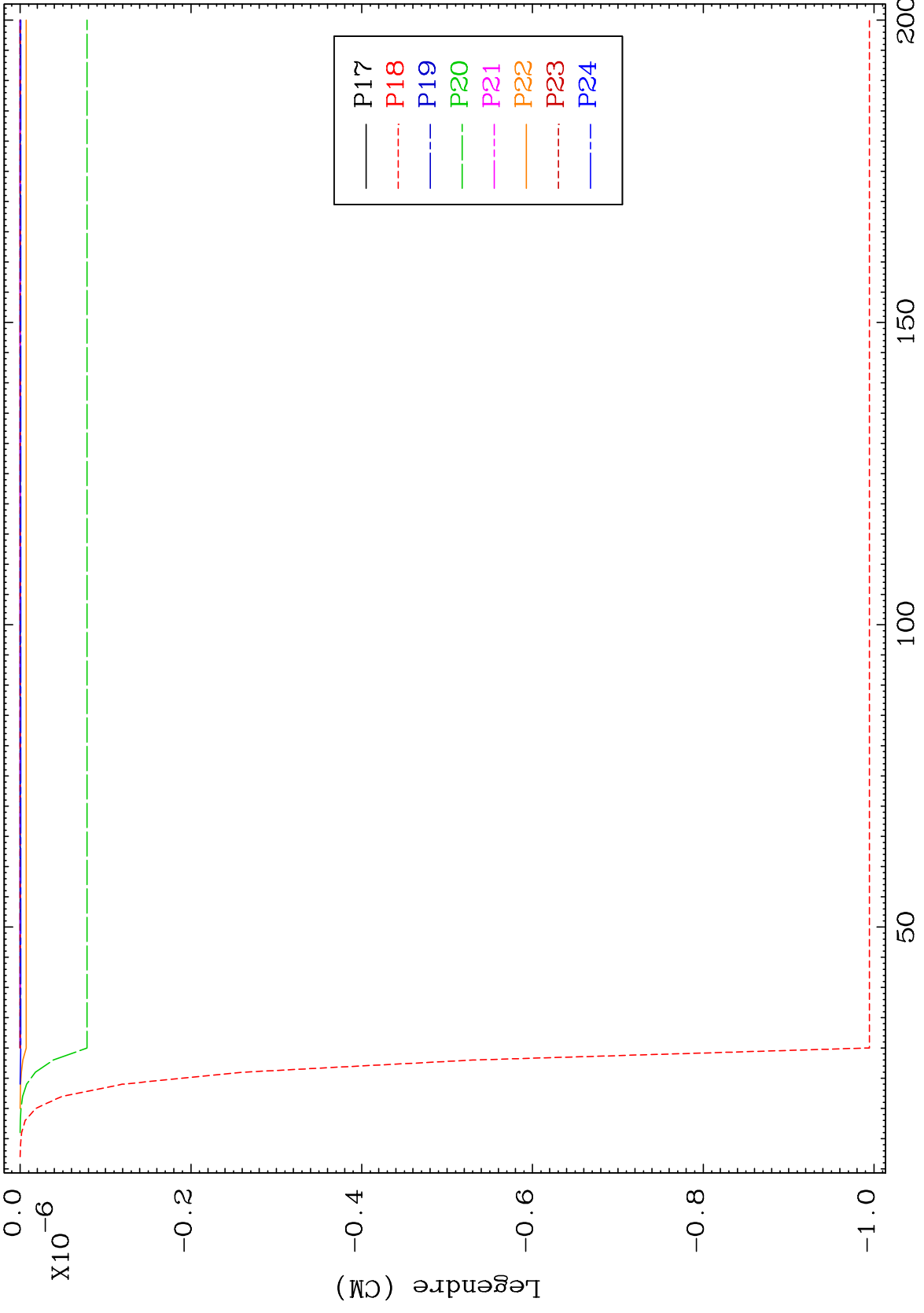


28-Ni-65

Incident Energy (MeV)

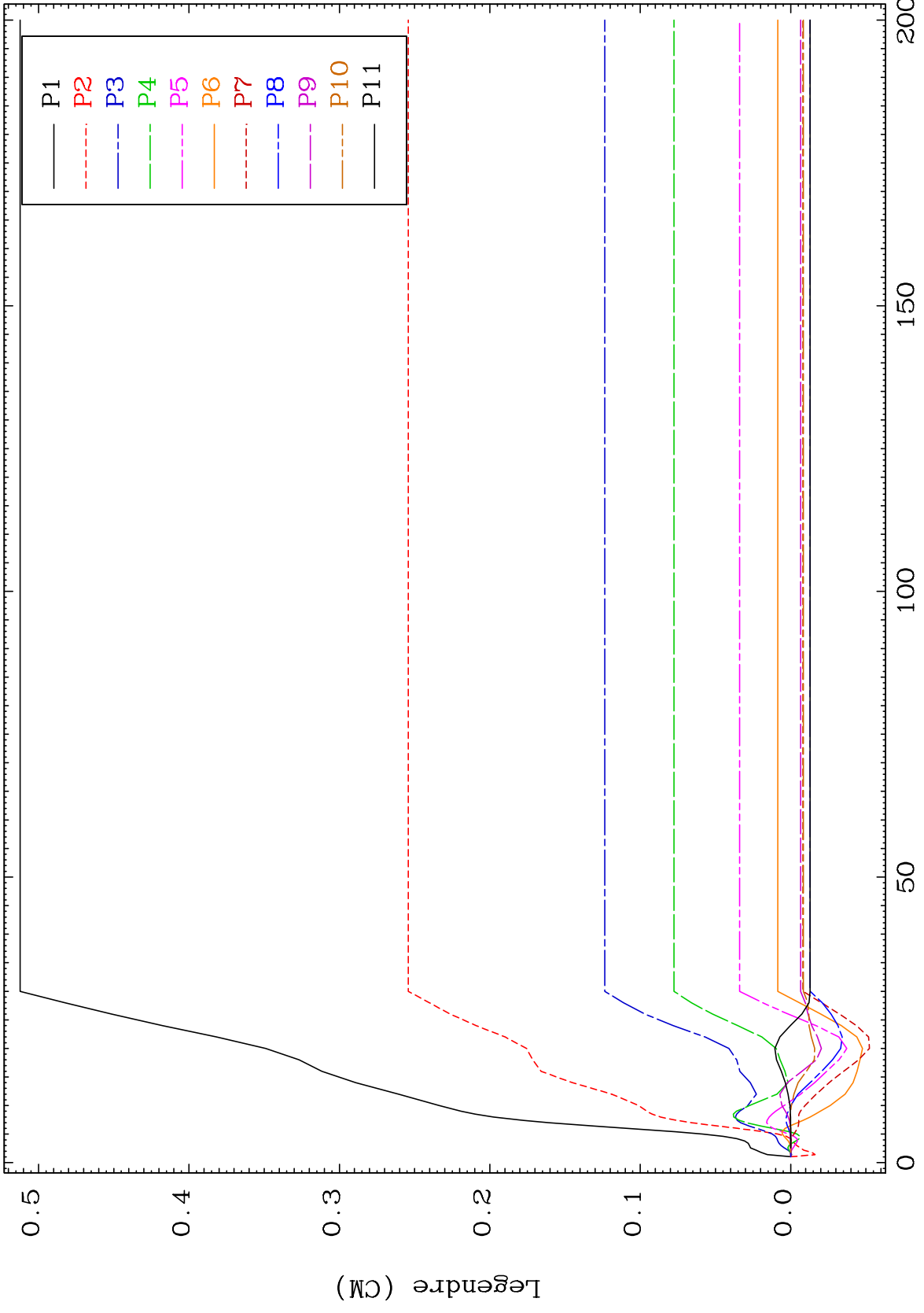
27

MAT 2846 MT= 53 (n,n') Level Legendre Coefficients 28-Ni-65



28 Incident Energy (MeV) 28-Ni-65

MAT 2846 MT= 54 (n,n') Level Legendre Coefficients 28-Ni-65

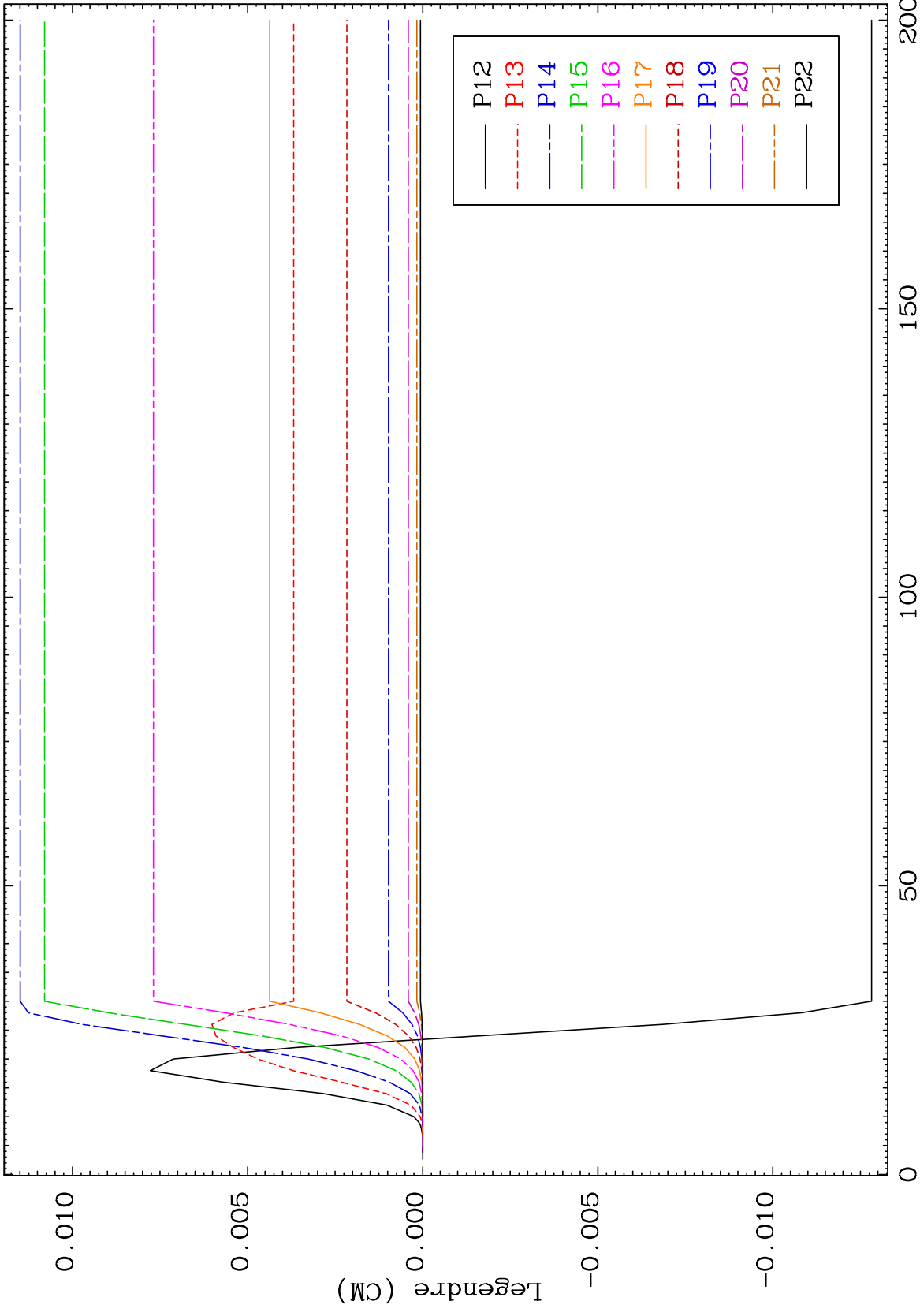


29 28-Ni-65

MAT 2846

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

28-Ni-65



30

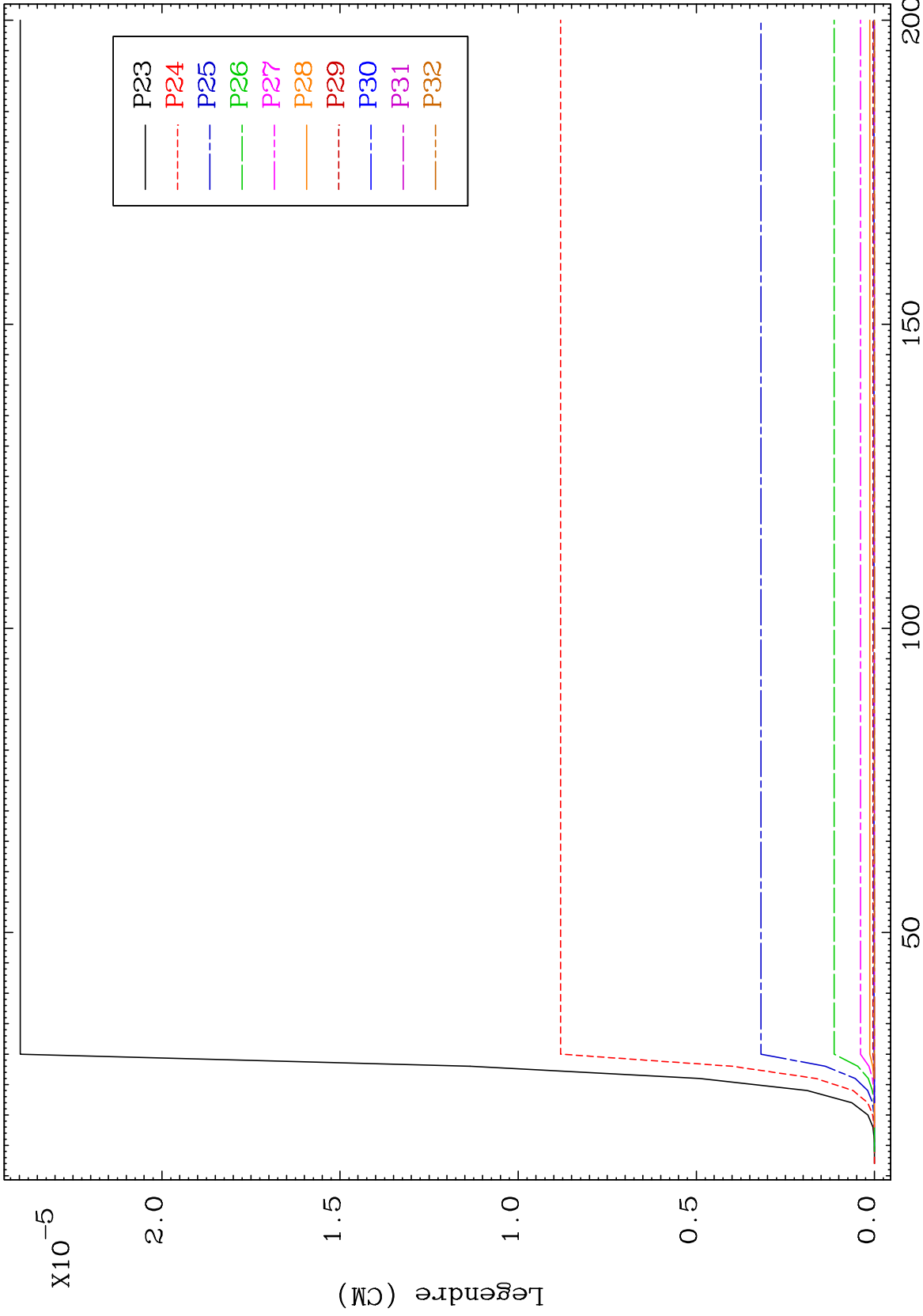
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



31

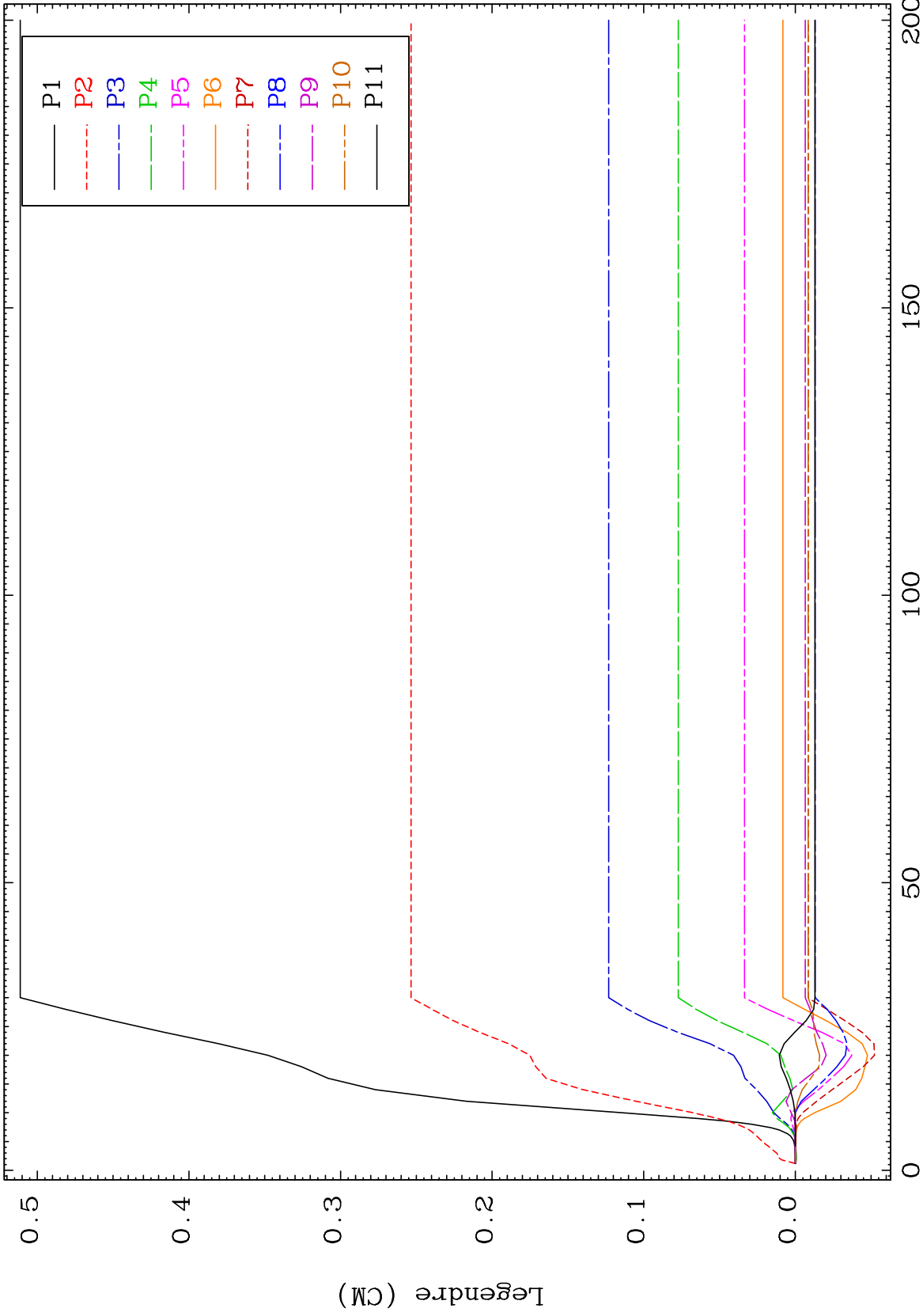
28-Ni-65



MAT 2846

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

28-Ni-65



32

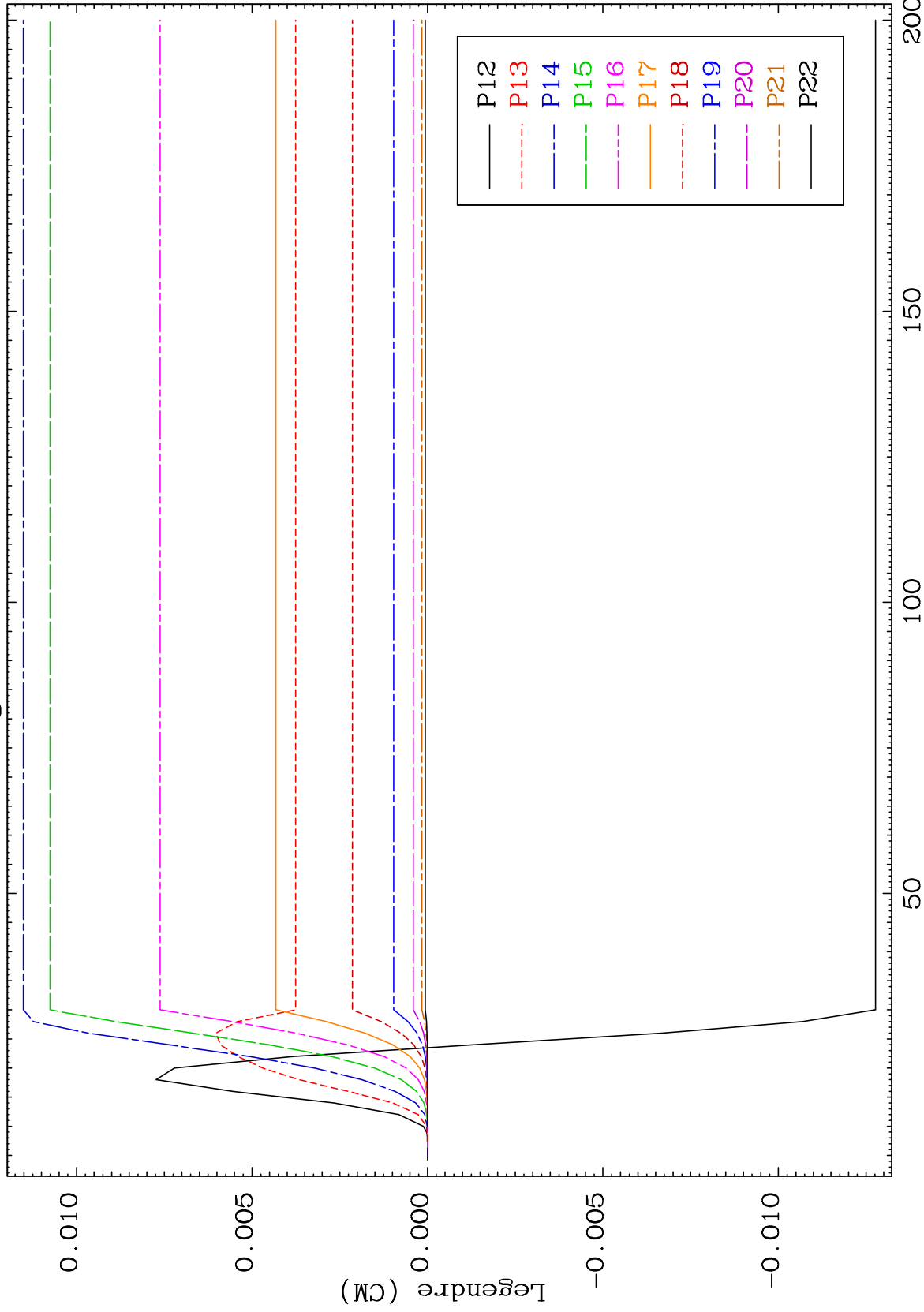
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



33

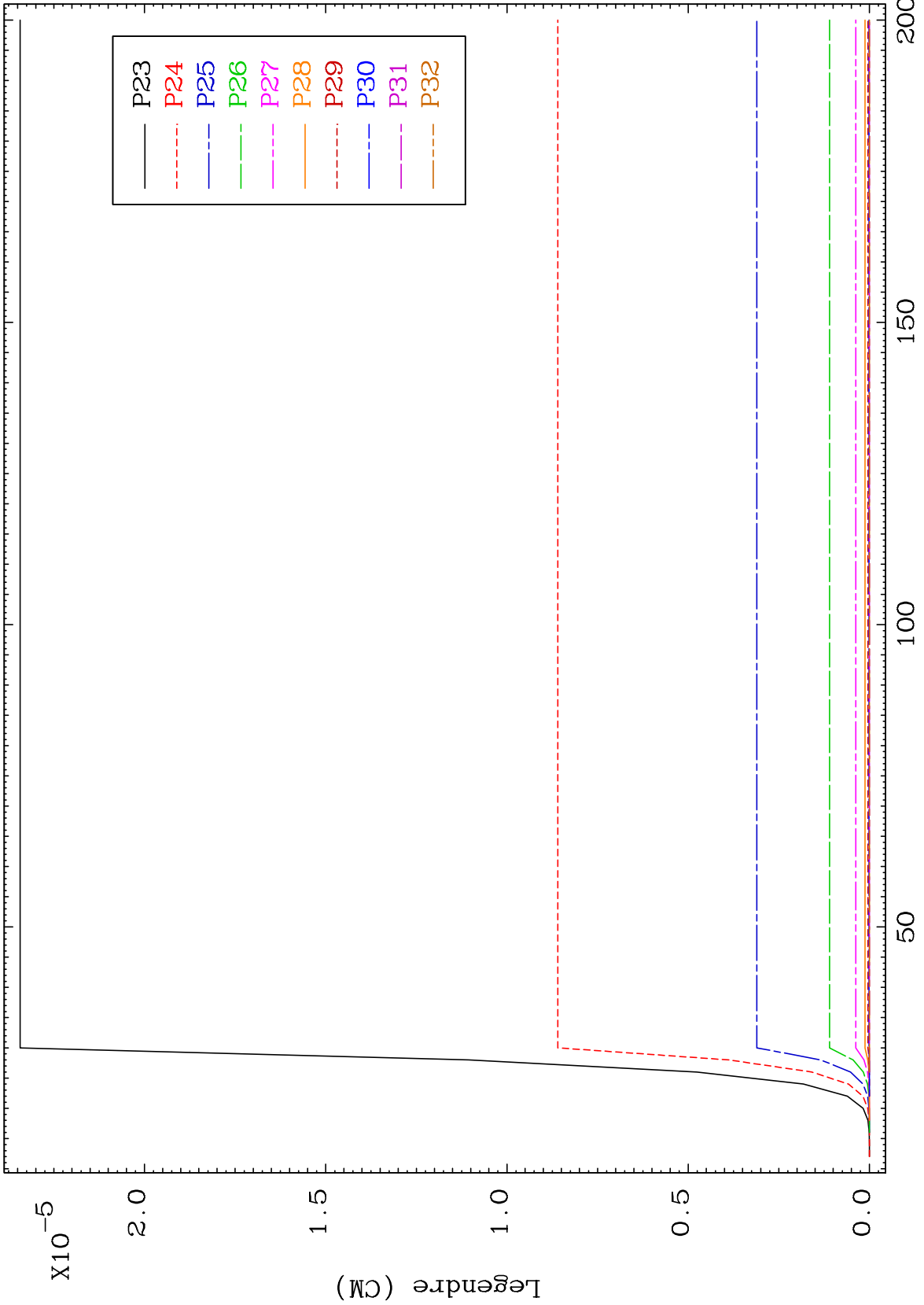
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



34

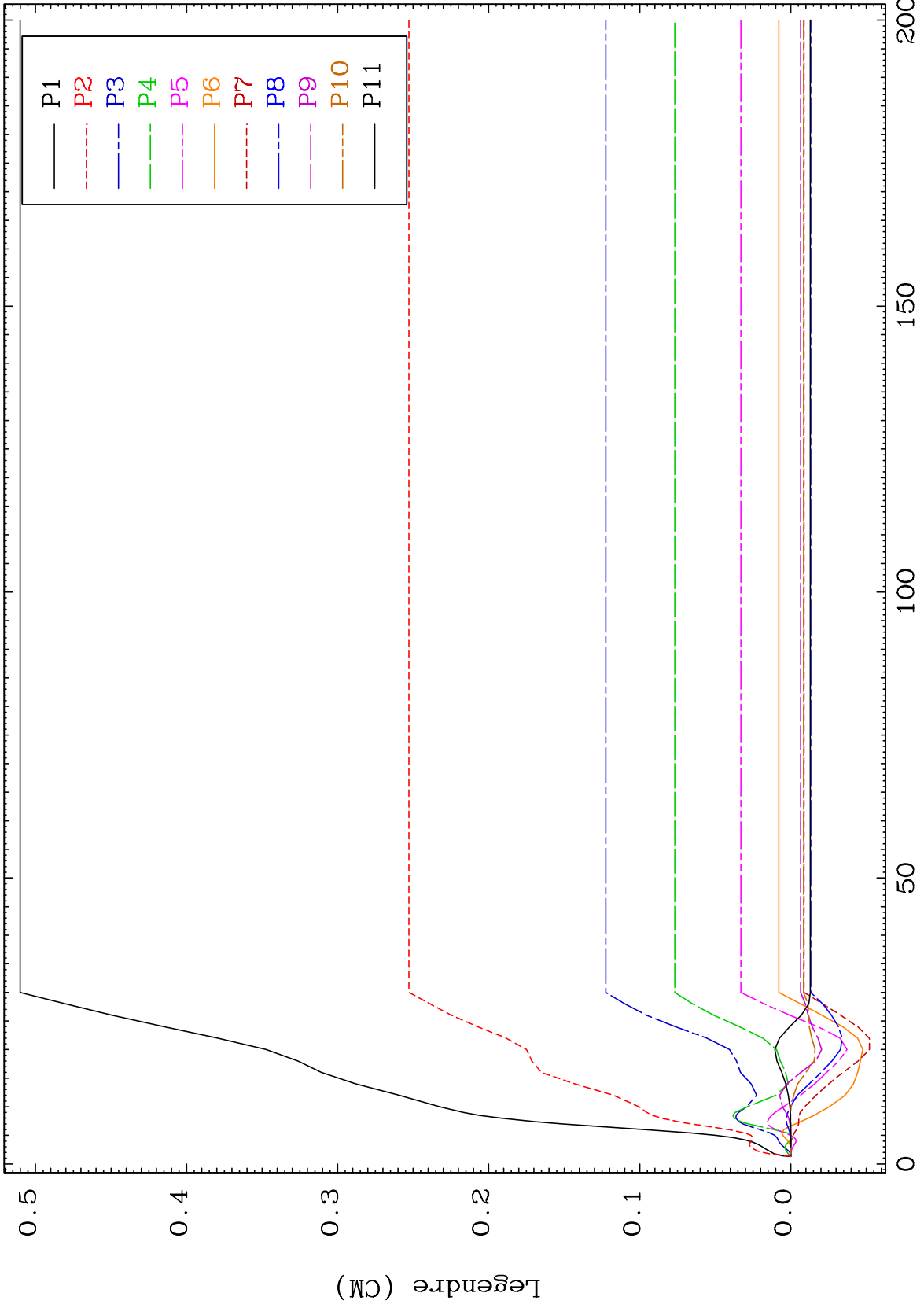
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



35

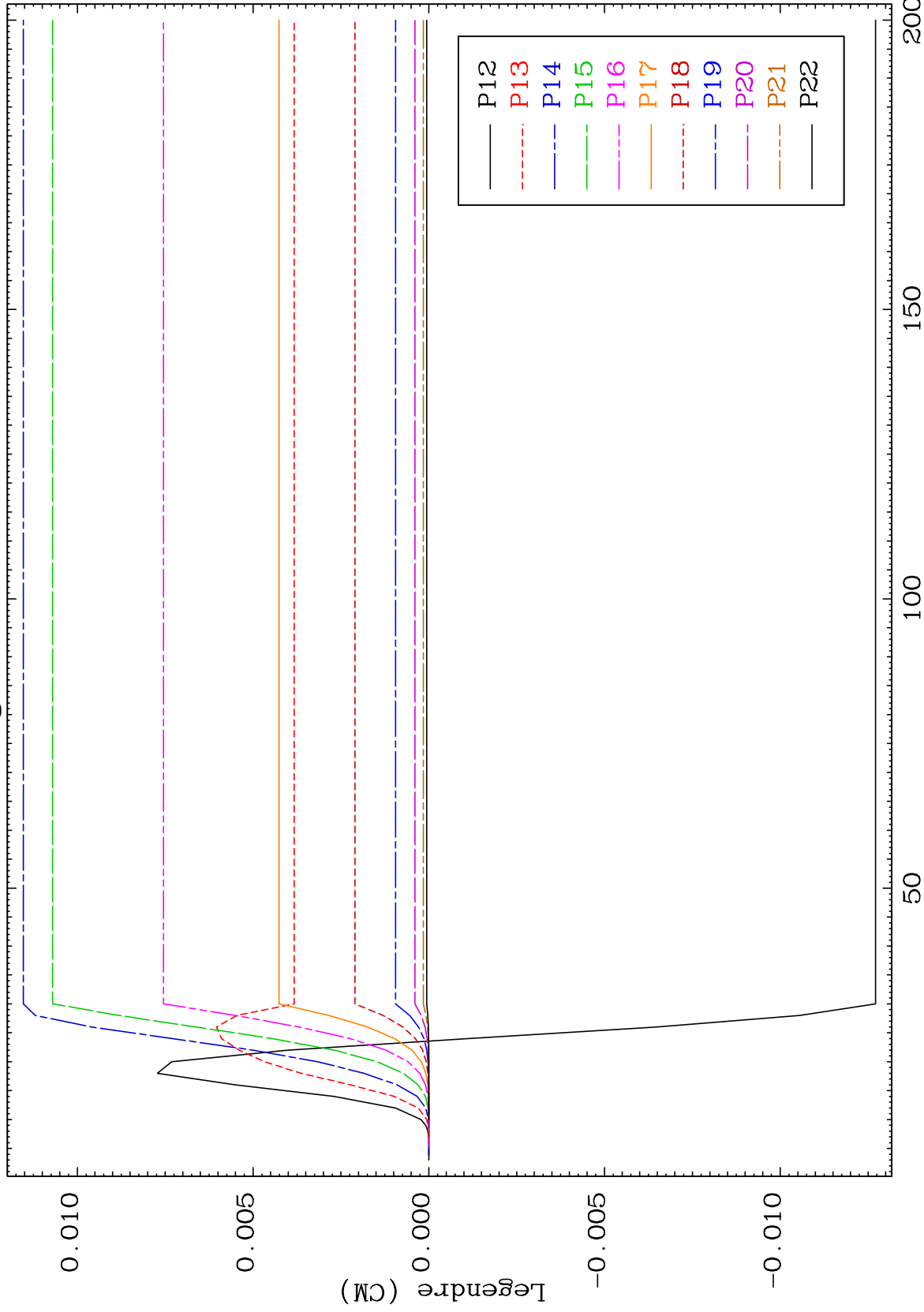
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



36

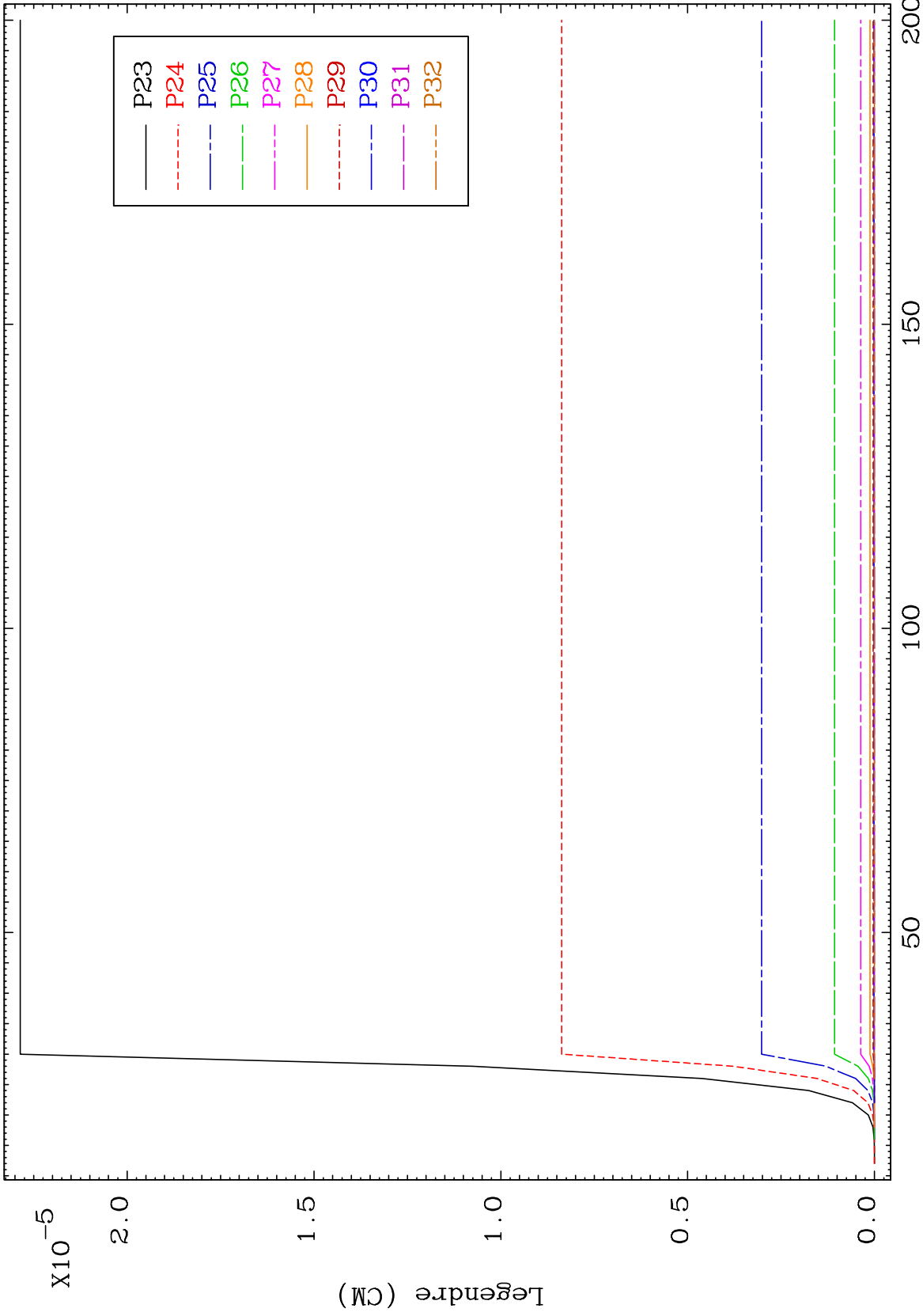
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65

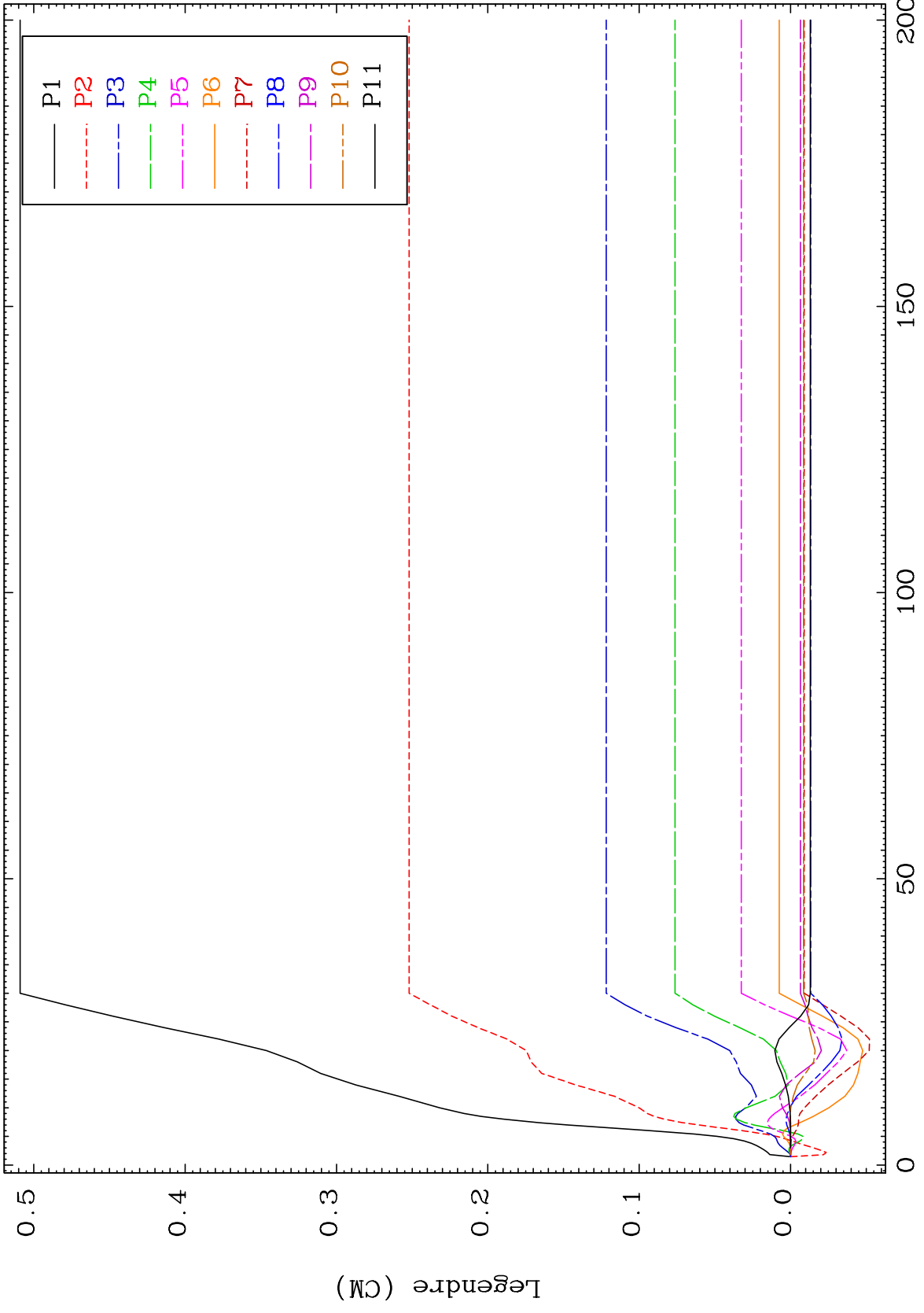


37

Incident Energy (MeV)

28-Ni-65

MAT 2846 MT= 57 (n,n') Level Legendre Coefficients 28-Ni-65

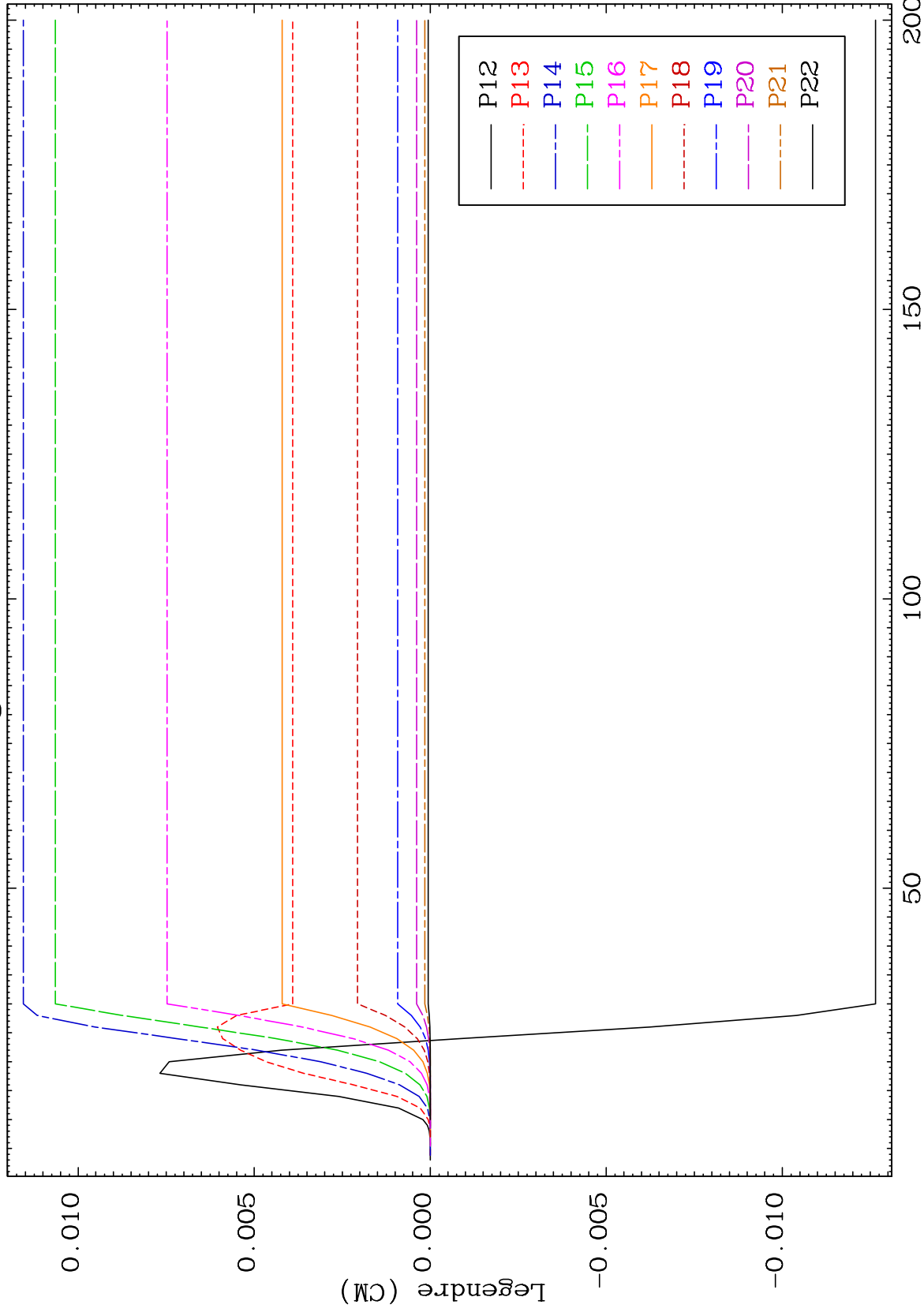


38 Incident Energy (MeV) 28-Ni-65

MAT 2846

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

28-Ni-65



39

Incident Energy (MeV)

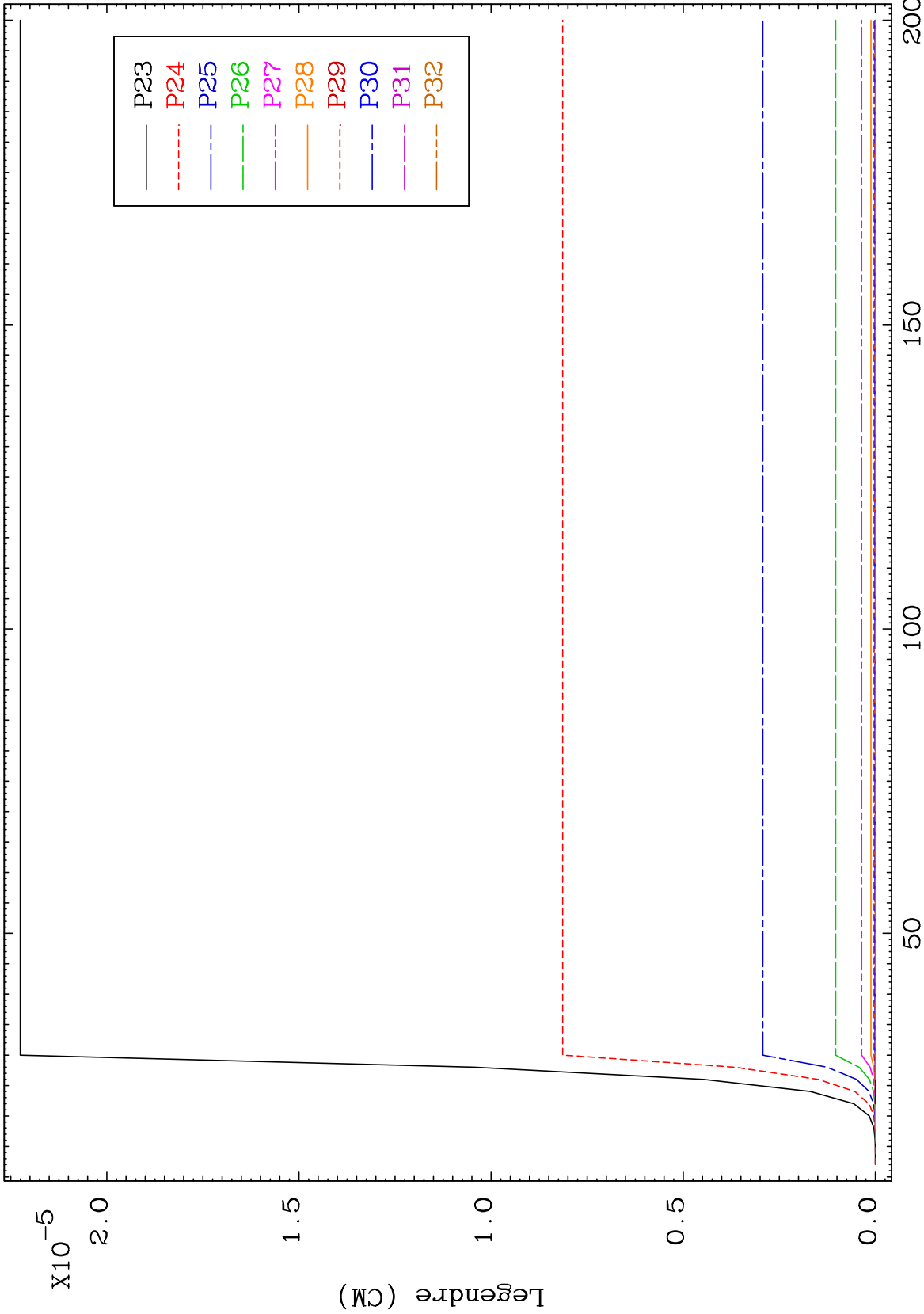
28-Ni-65



MAT 2846

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

28-Ni-65



40

50

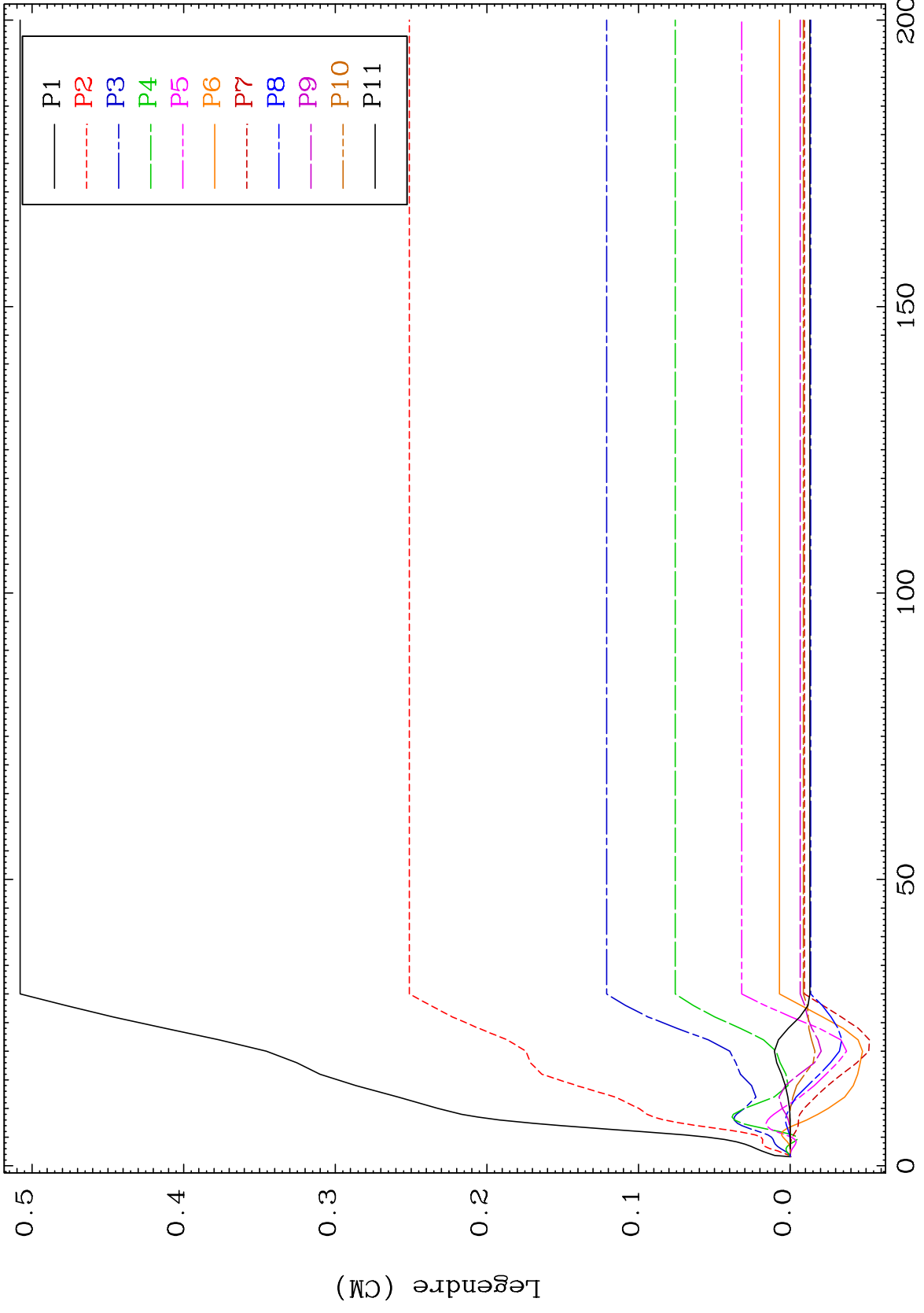
100

150

200

28-Ni-65

MAT 2846 MT= 58 (n,n') Level Legendre Coefficients 28-Ni-65

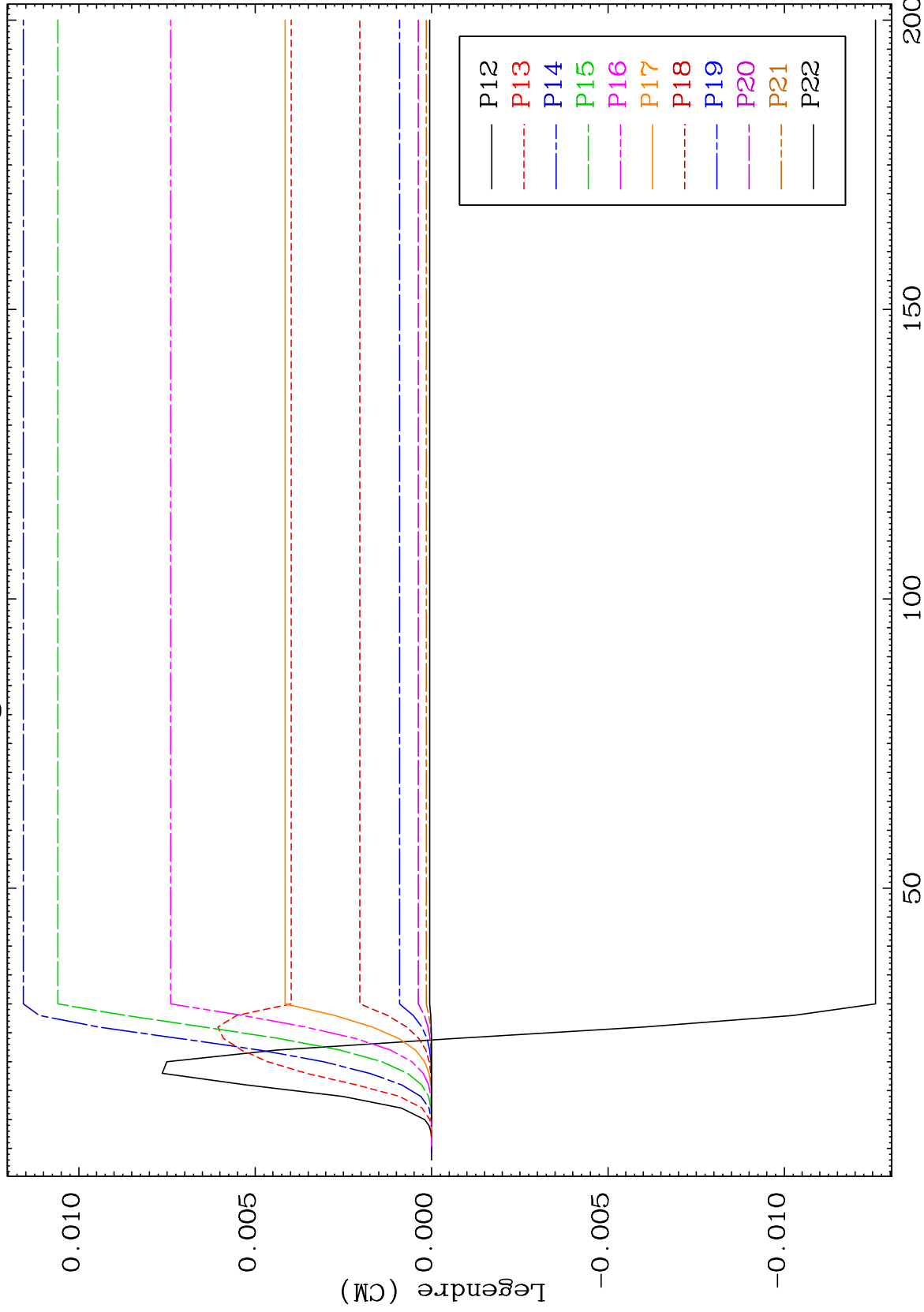


41 Incident Energy (MeV) 28-Ni-65

MAT 2846

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

28-Ni-65



42

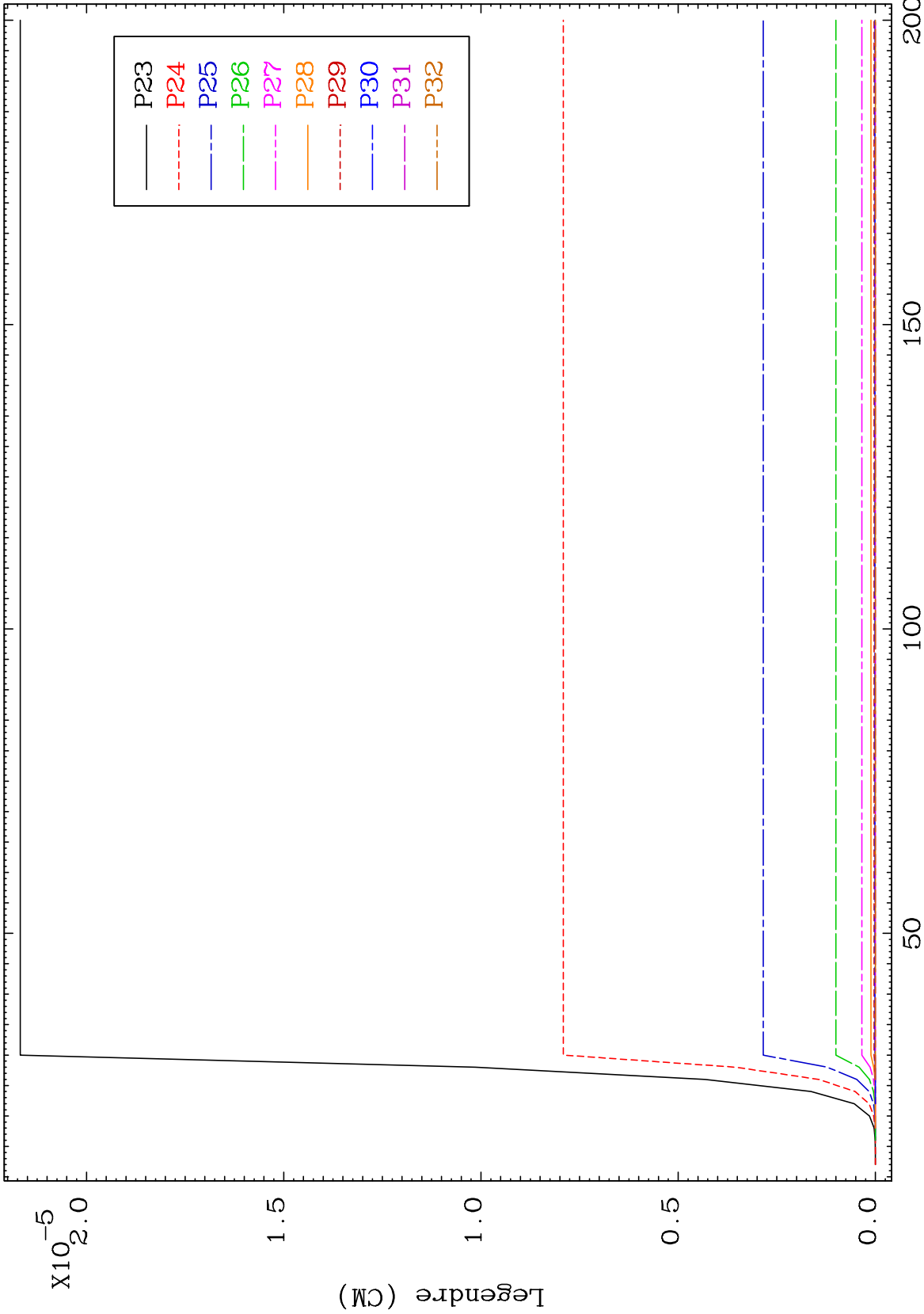
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



43

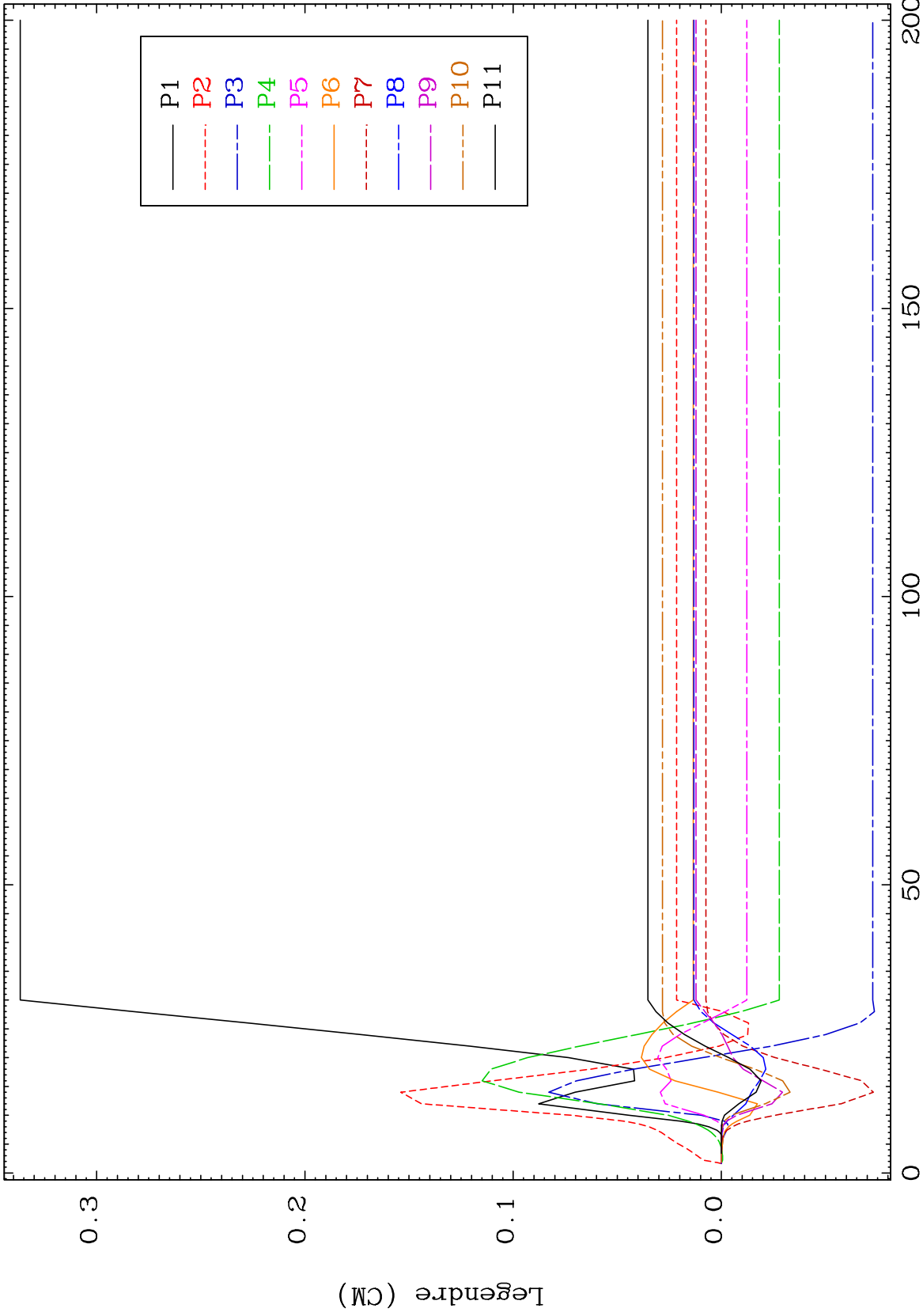
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



44

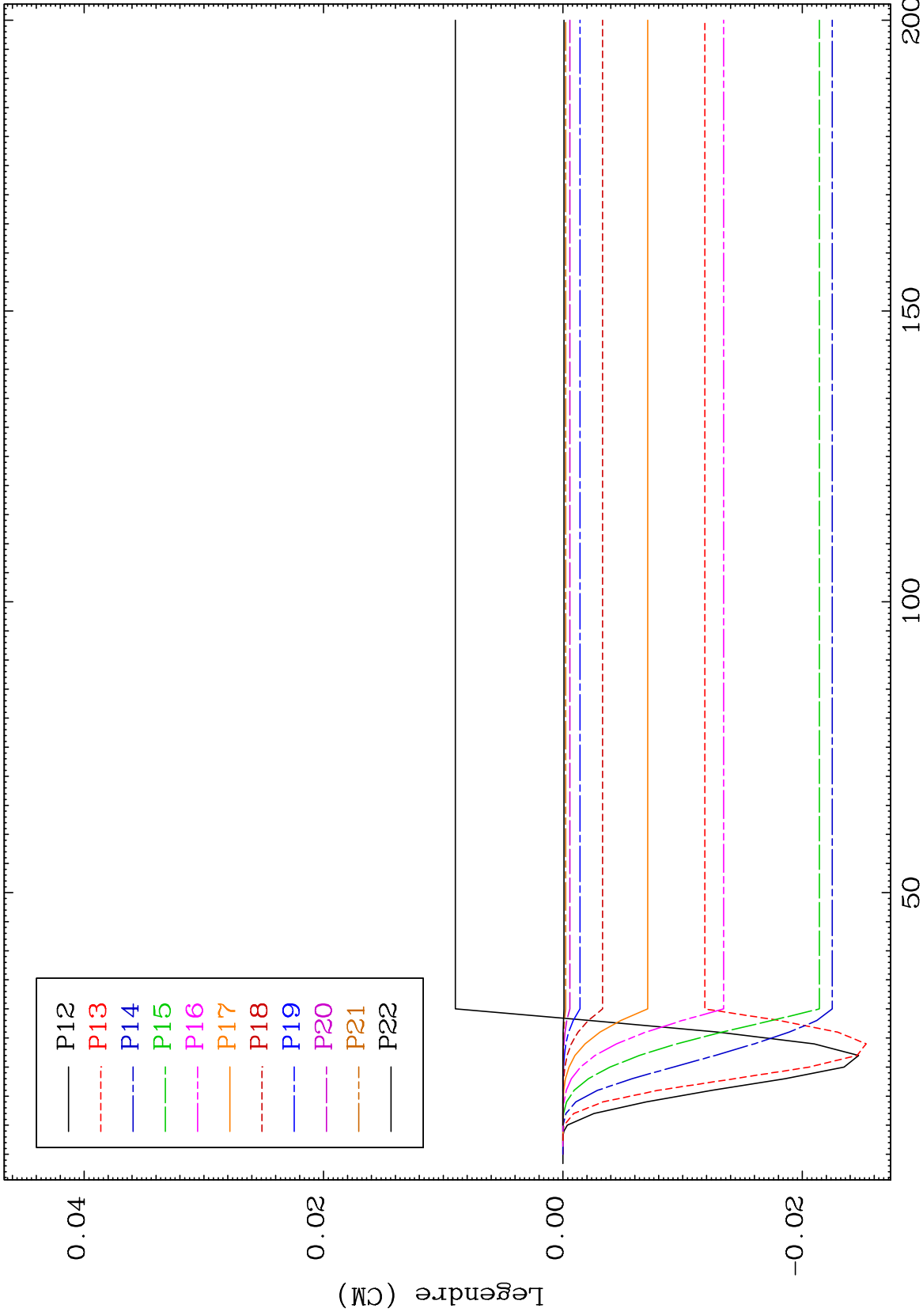
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65

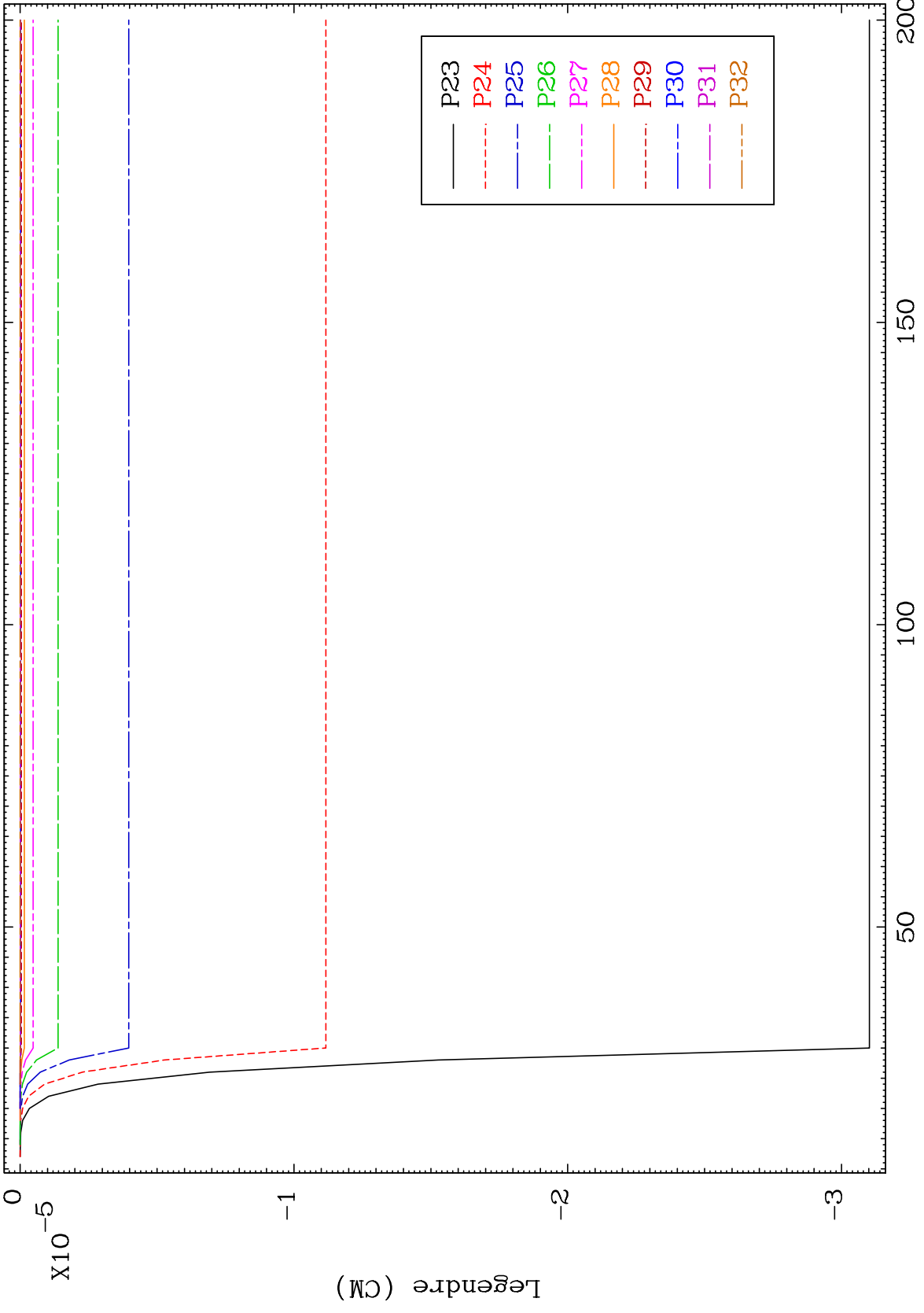


45

Incident Energy (MeV)

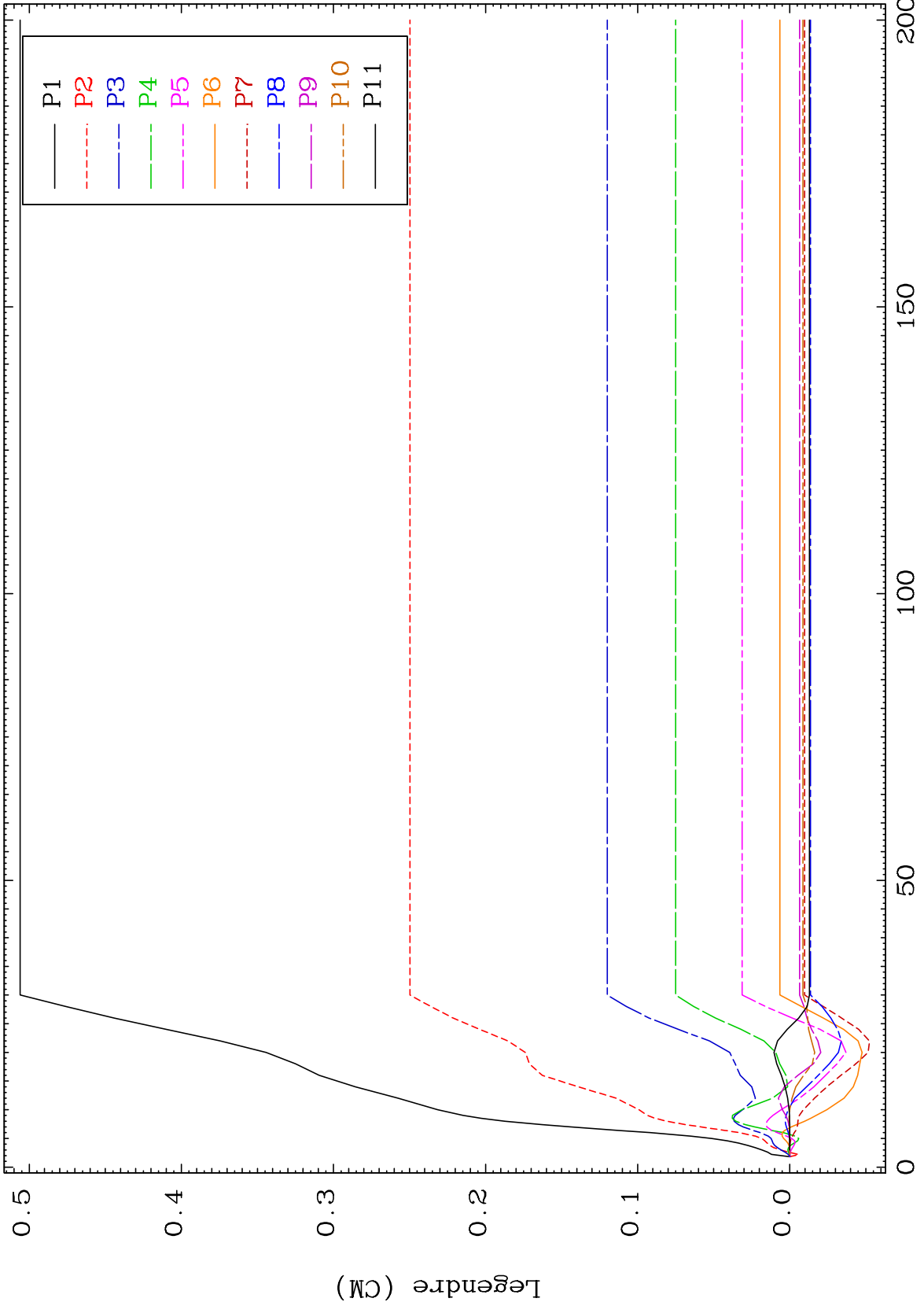
28-Ni-65

MAT 2846 MT= 59 (n,n') Level Legendre Coefficients 28-Ni-65



46 Incident Energy (MeV) 28-Ni-65

MAT 2846 MT= 60 (n,n') Level Legendre Coefficients 28-Ni-65



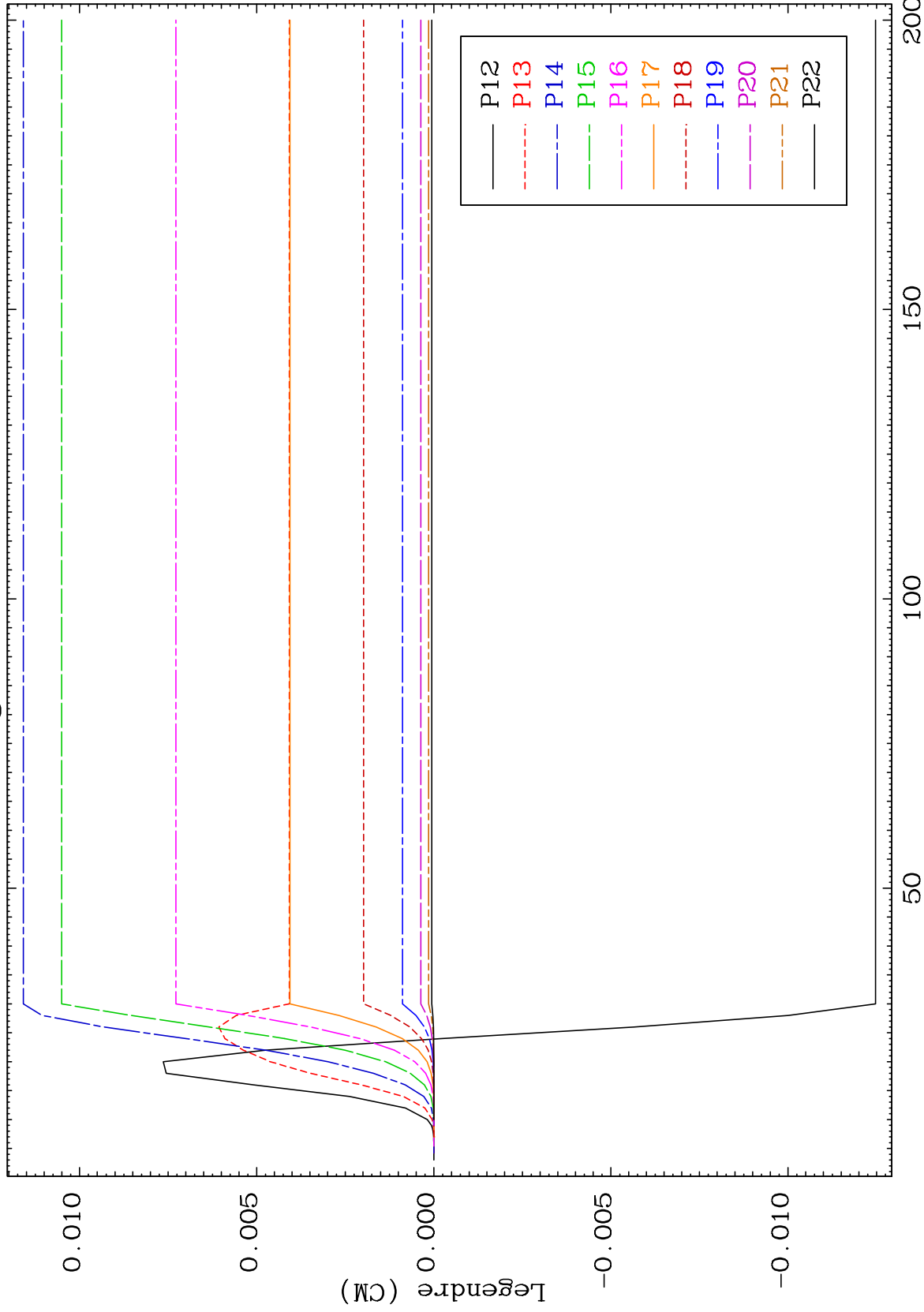
47 Incident Energy (MeV) 28-Ni-65



MAT 2846

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

28-Ni-65



48

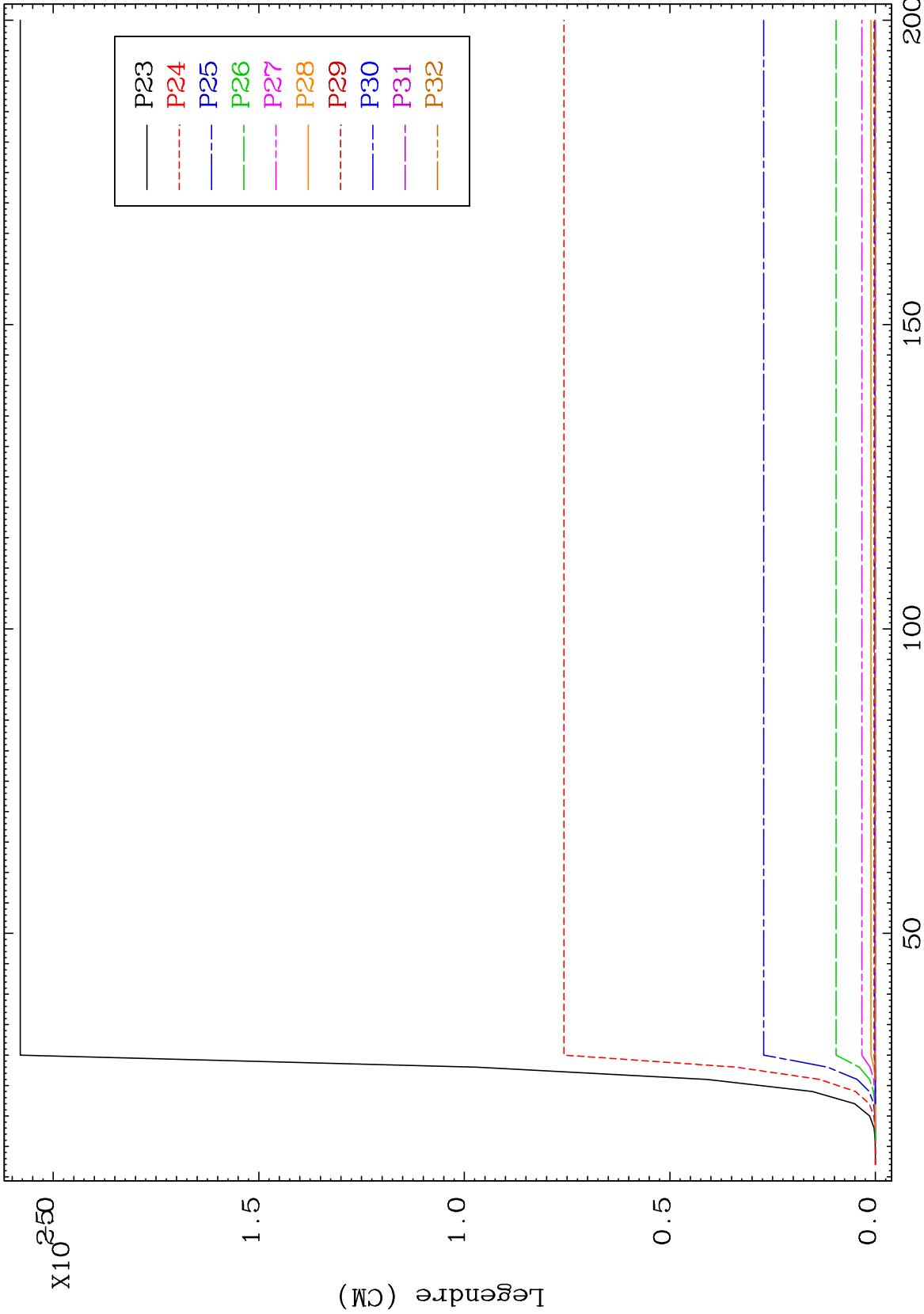
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

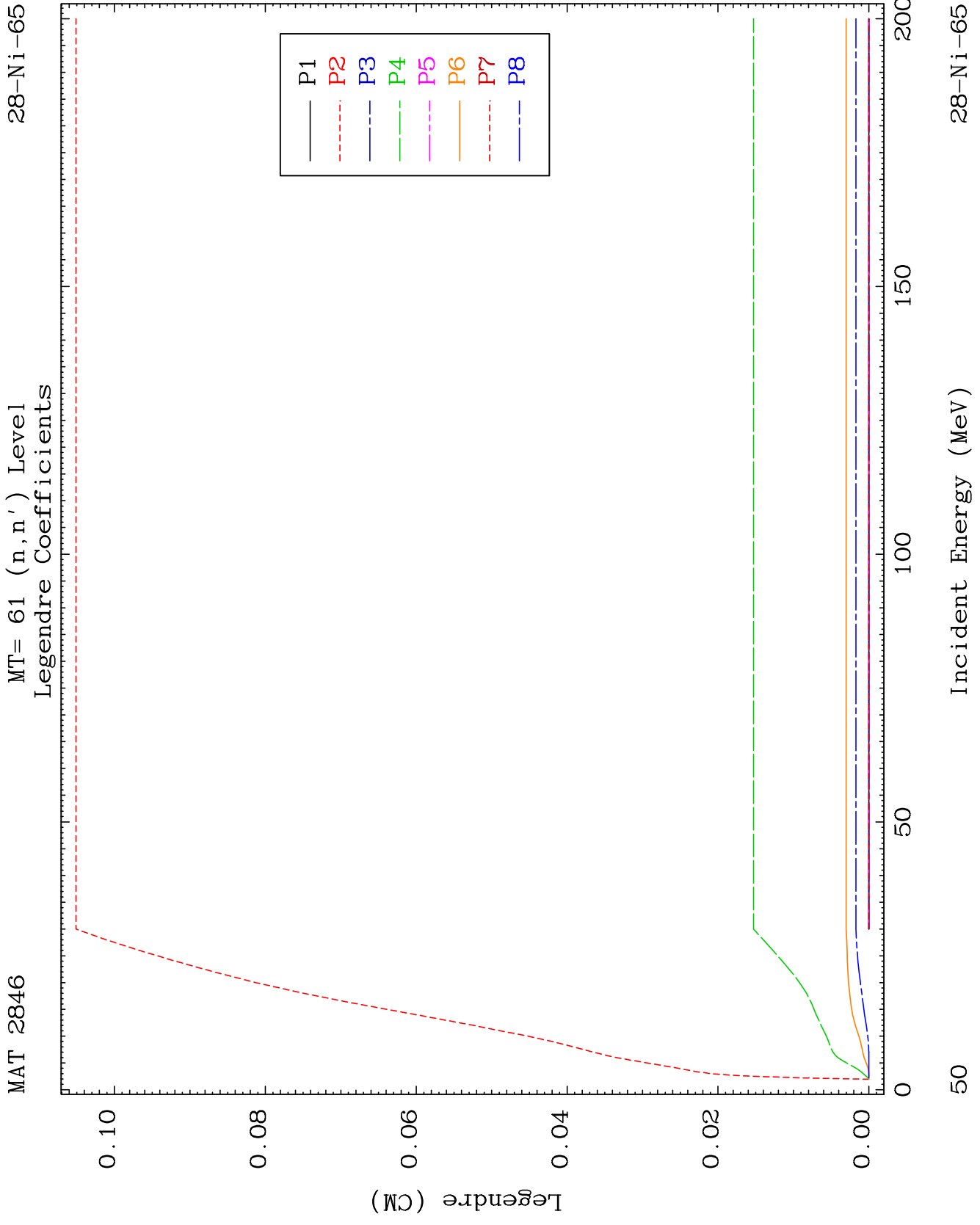
28-Ni-65



49

Incident Energy (MeV)

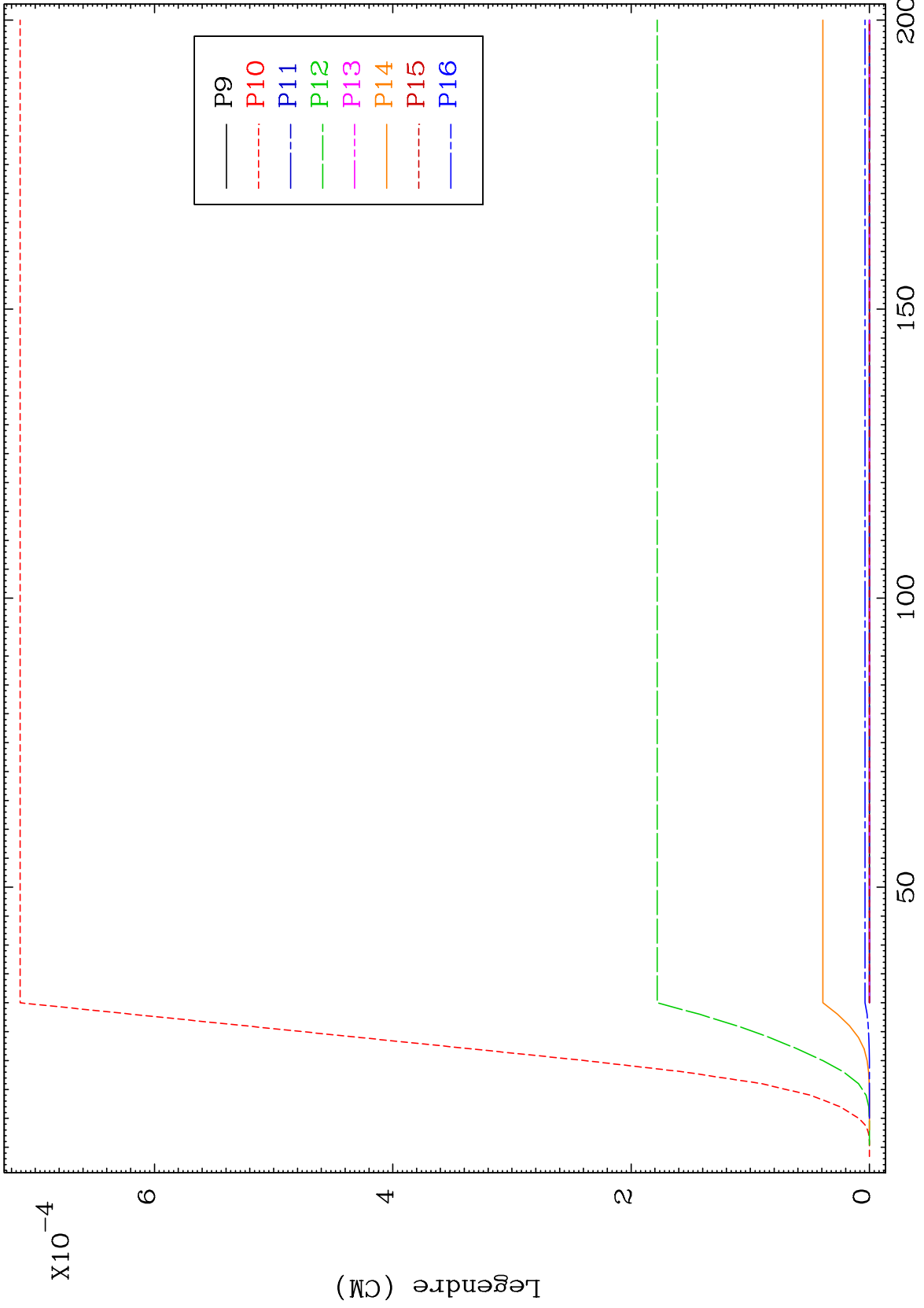
28-Ni-65



MAT 2846

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

28-Ni-65



51

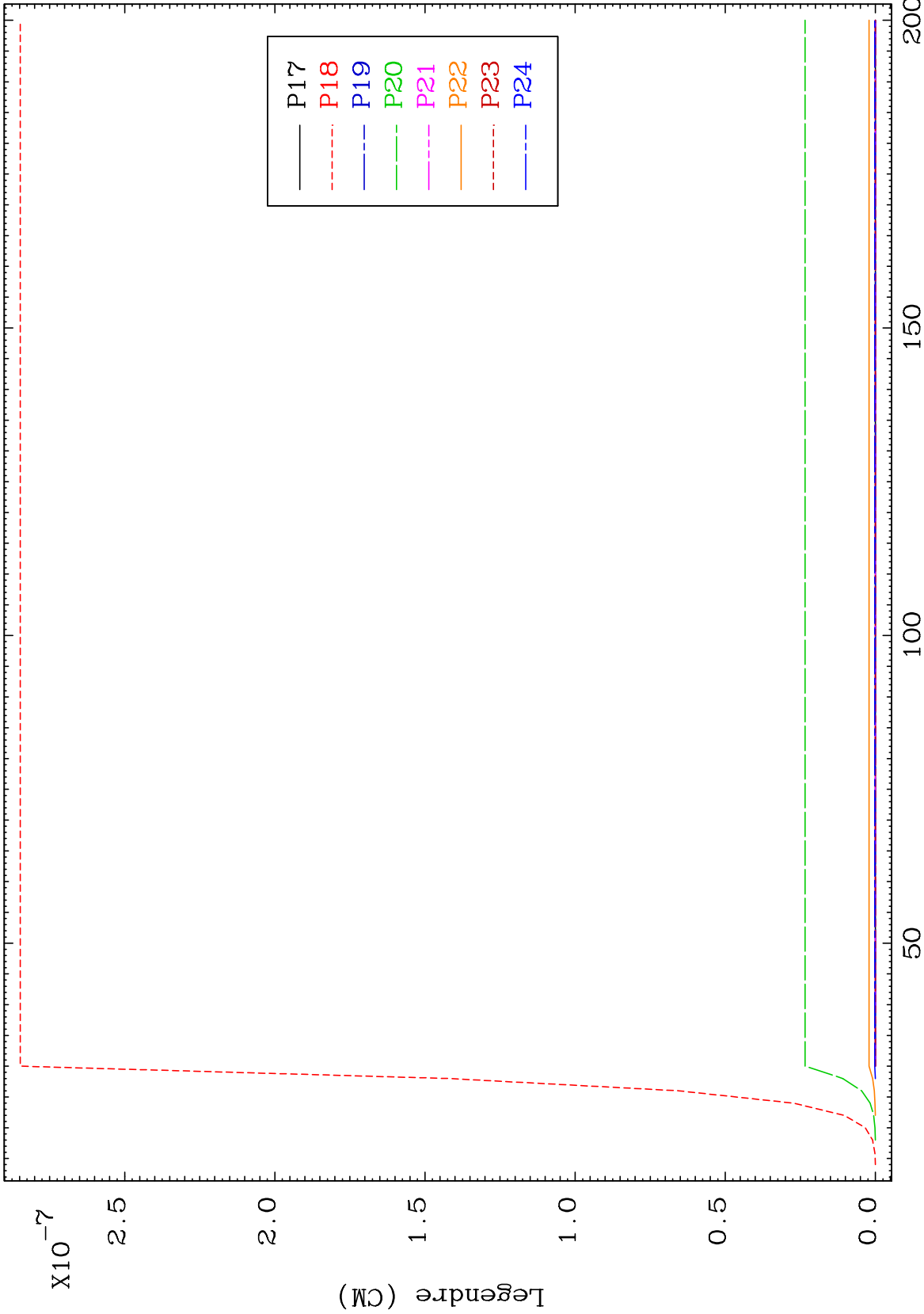
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



52

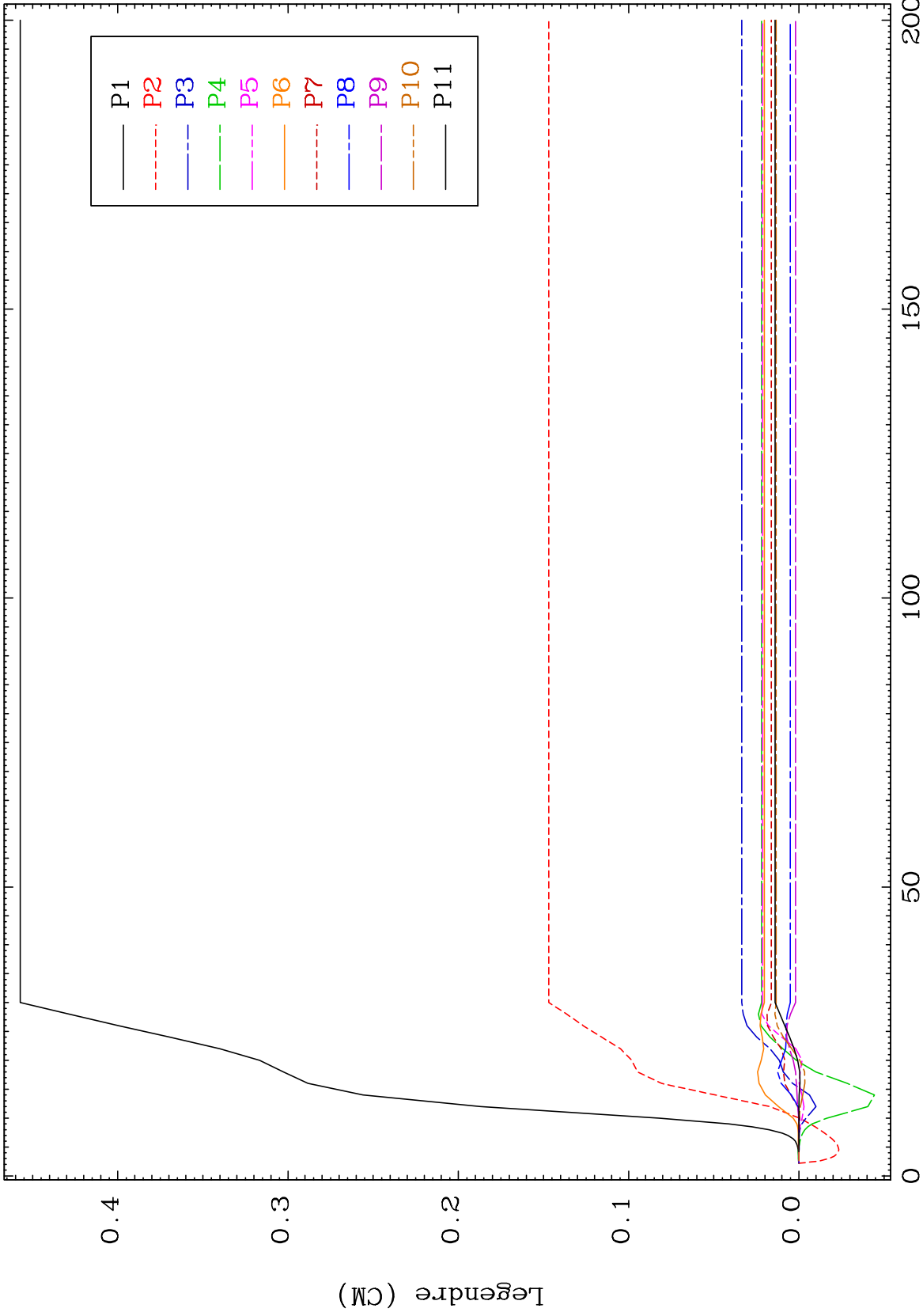
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



53

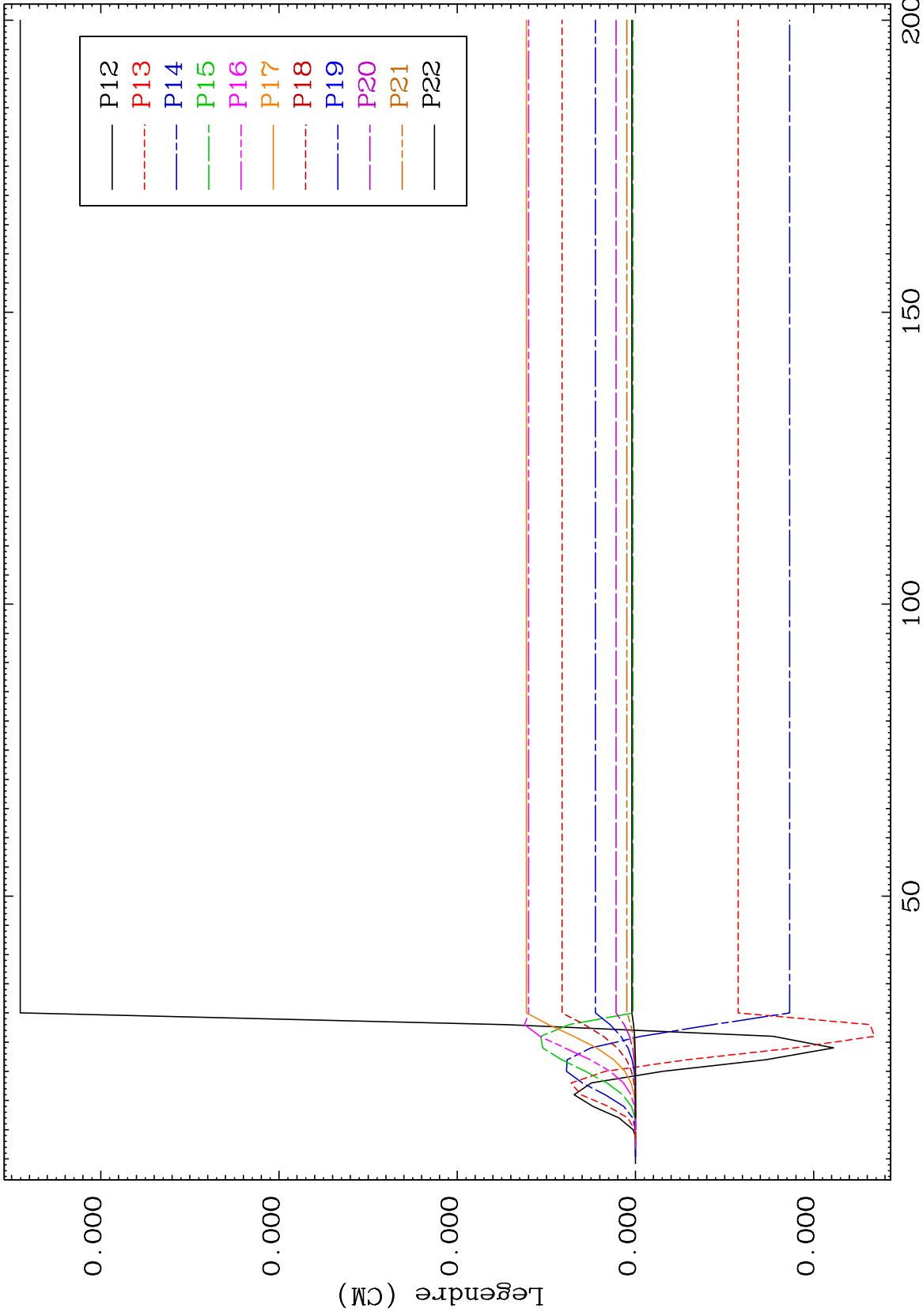
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



54

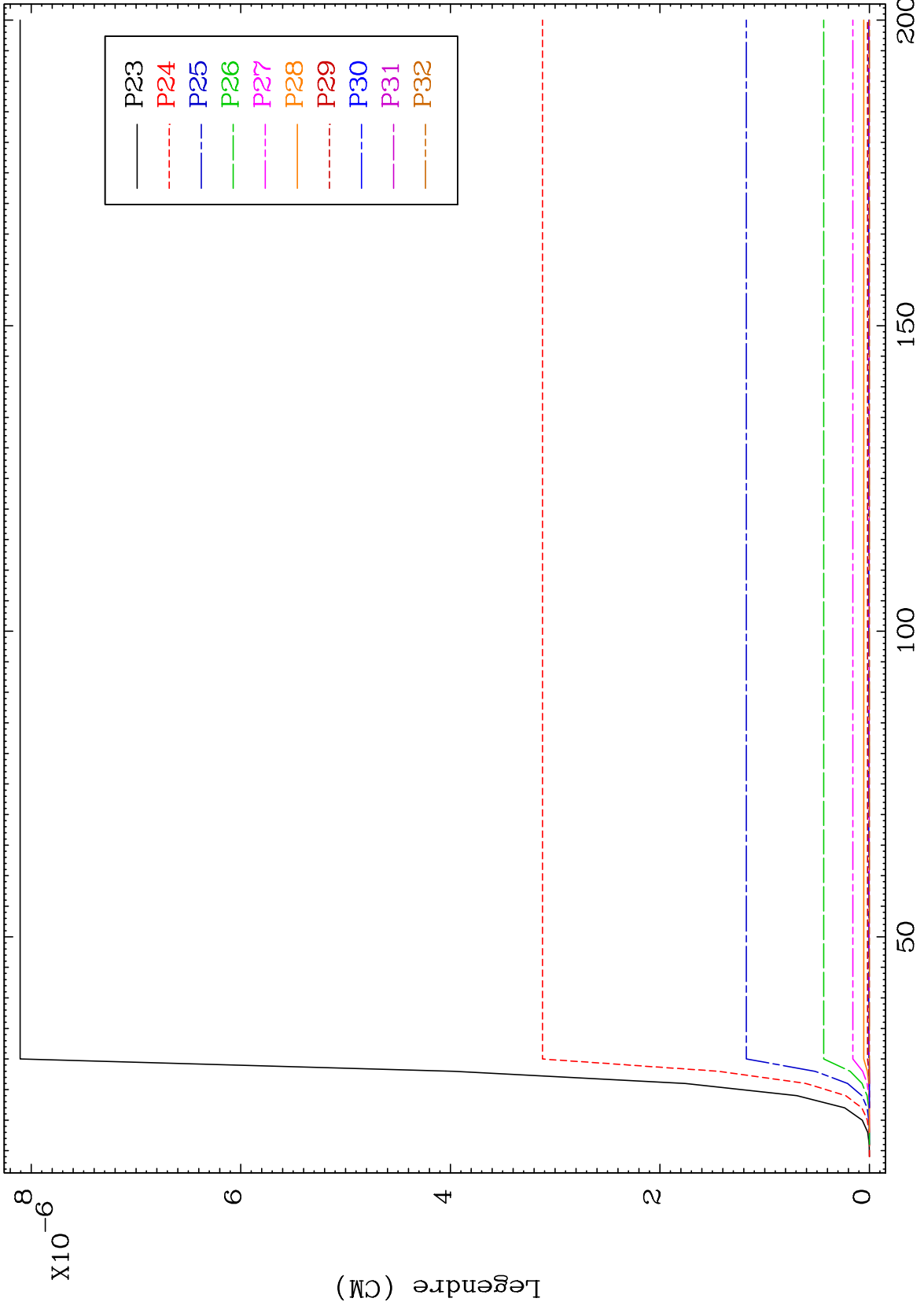
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



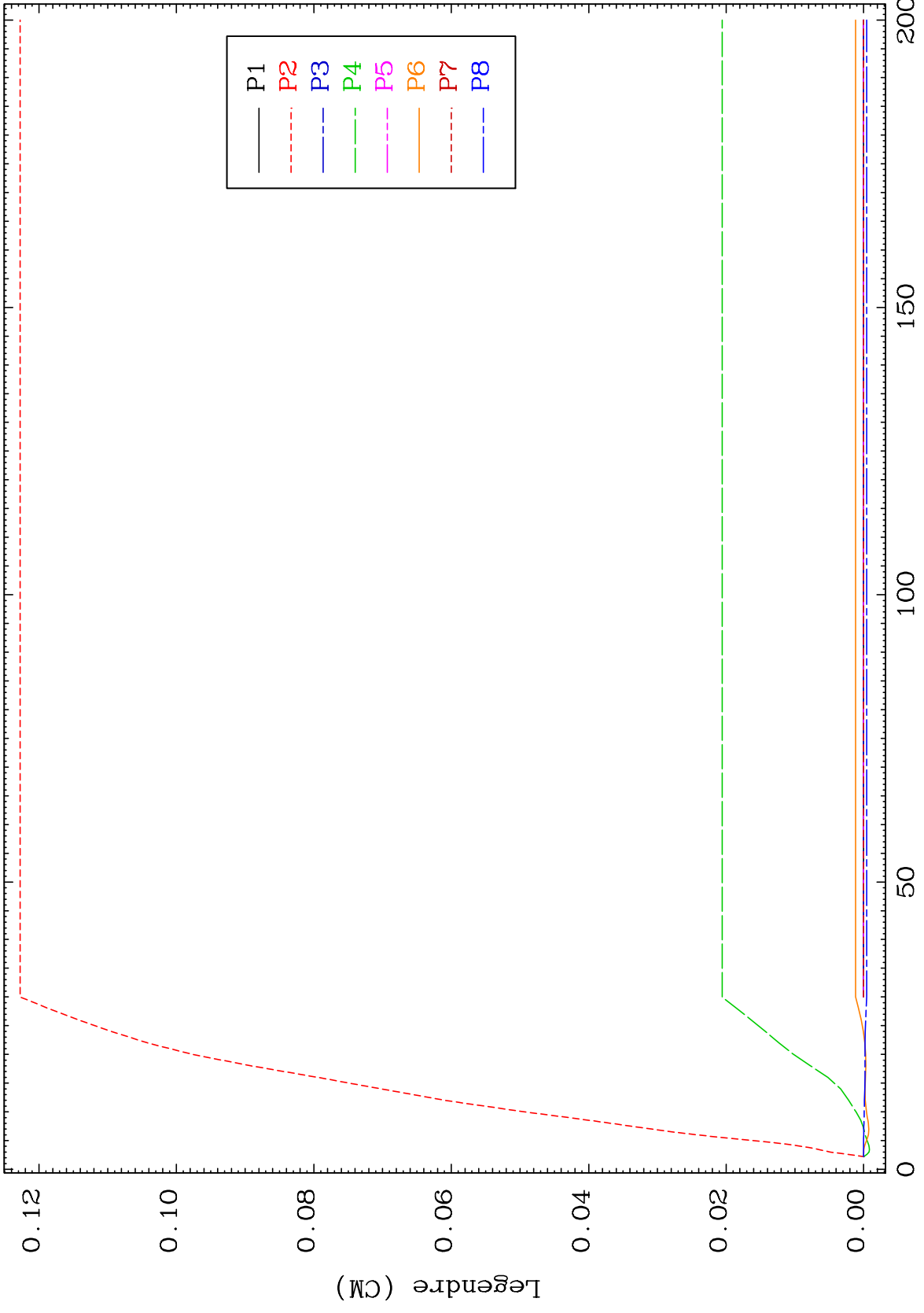
55

Incident Energy (MeV)

28-Ni-65



MAT 2846 MT= 63 (n,n') Level Legendre Coefficients 28-Ni-65

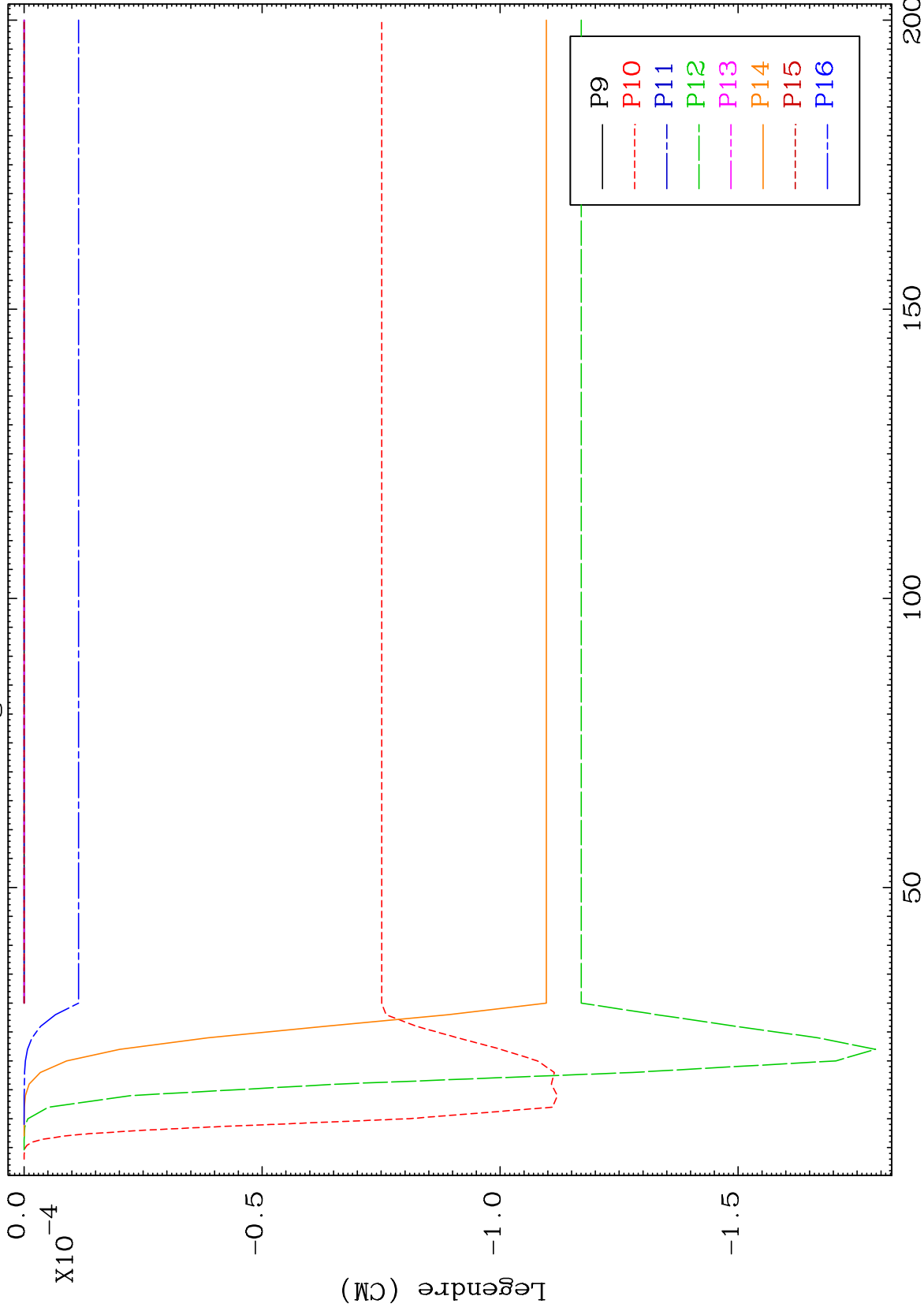


56 Incident Energy (MeV) 28-Ni-65

MAT 2846

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

28-Ni-65

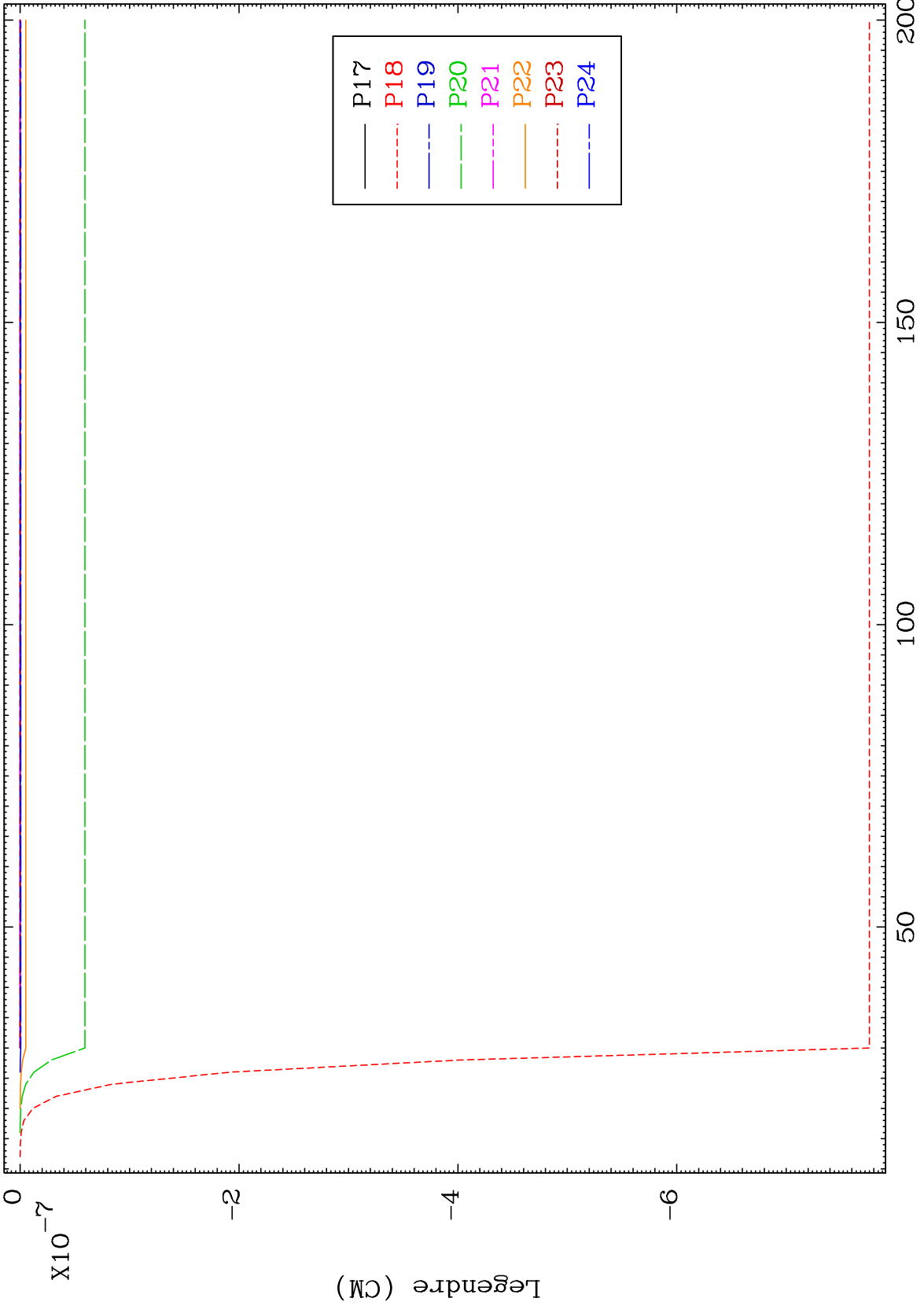


57

Incident Energy (MeV)

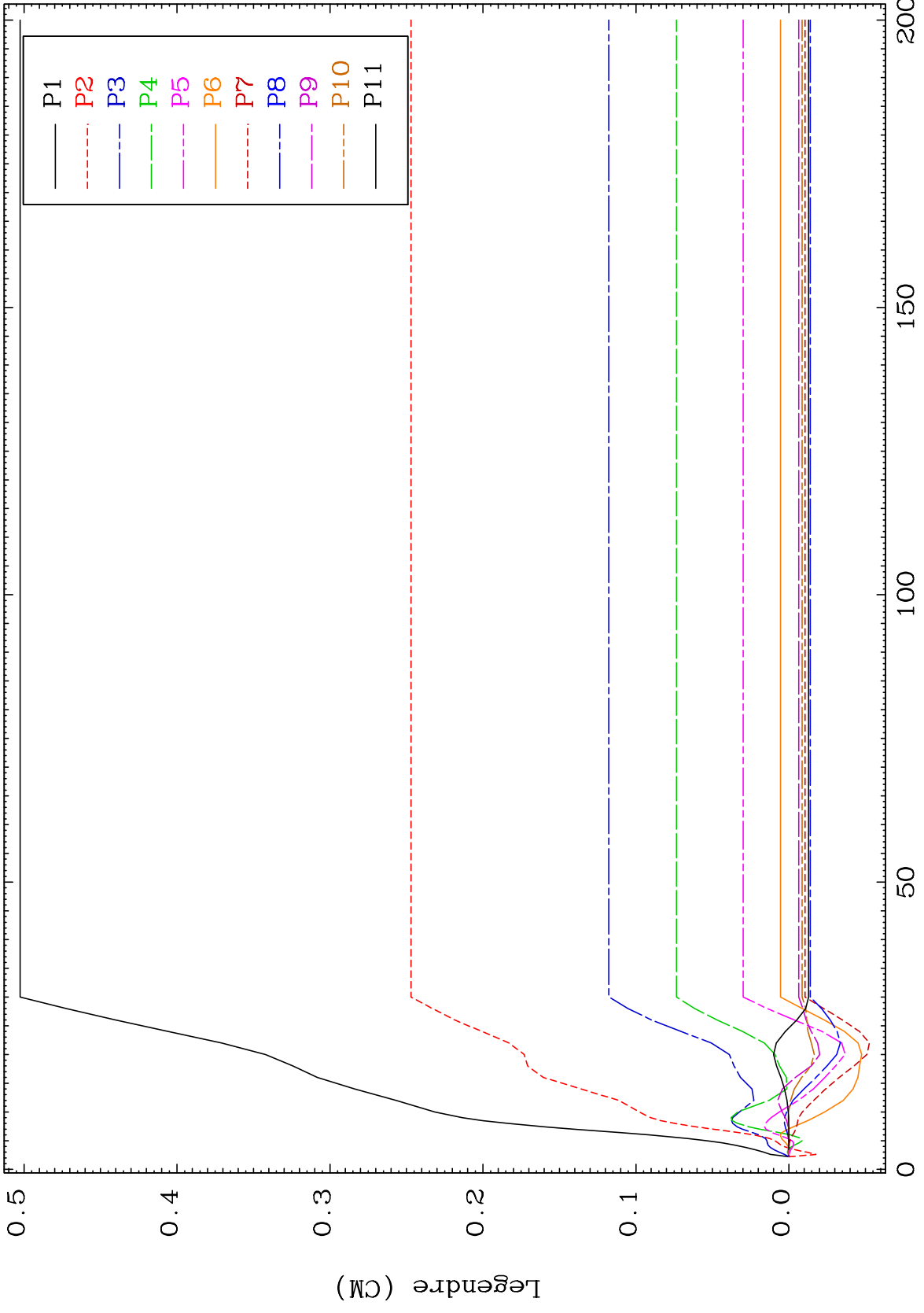
28-Ni-65

MAT 2846 MT= 63 (n,n') Level Legendre Coefficients 28-Ni-65



58 Incident Energy (MeV) 200 28-Ni-65

MAT 2846 MT= 64 (n,n') Level Legendre Coefficients 28-Ni-65

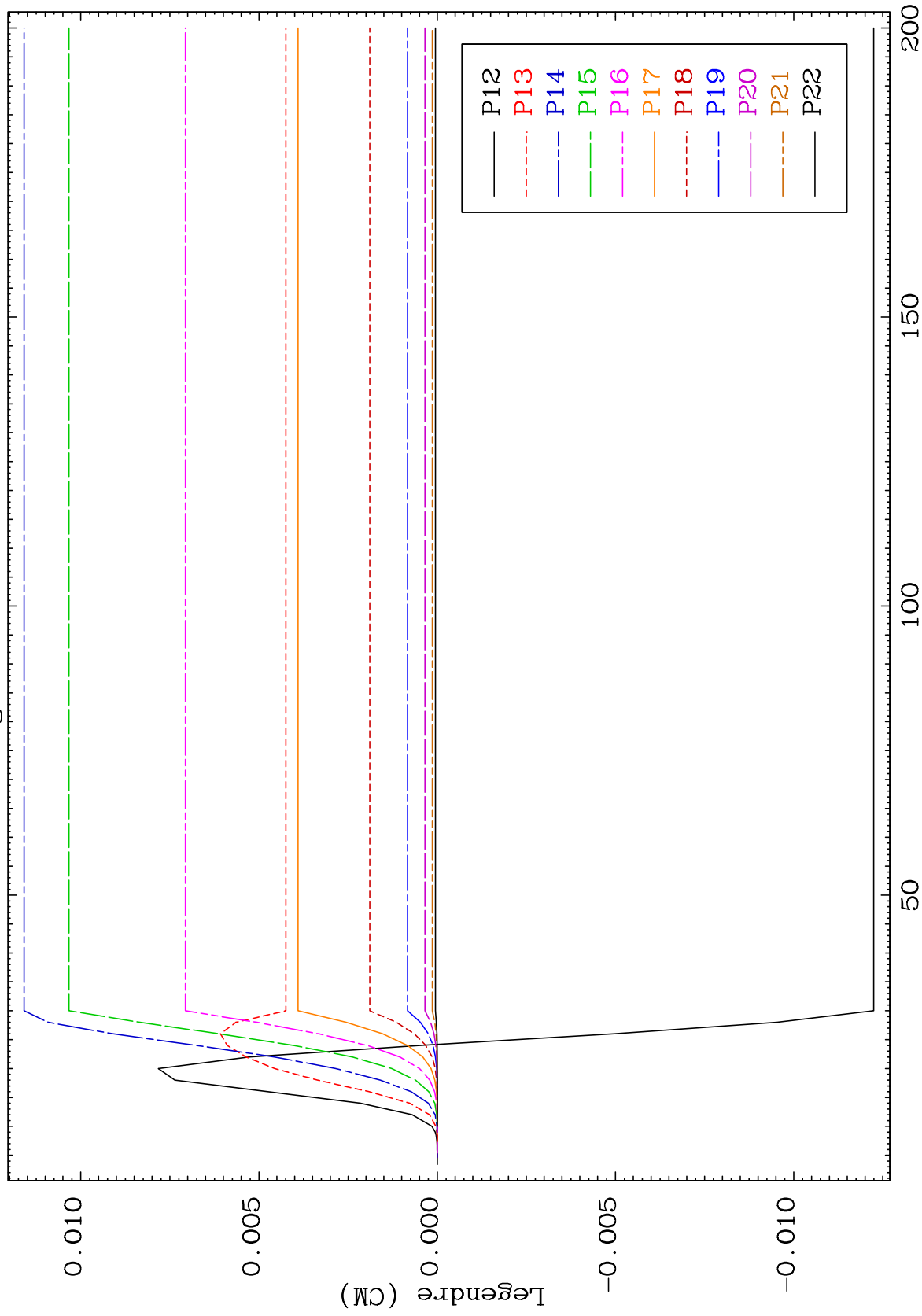


59 Incident Energy (MeV) 28-Ni-65

MAT 2846

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

28-Ni-65



60

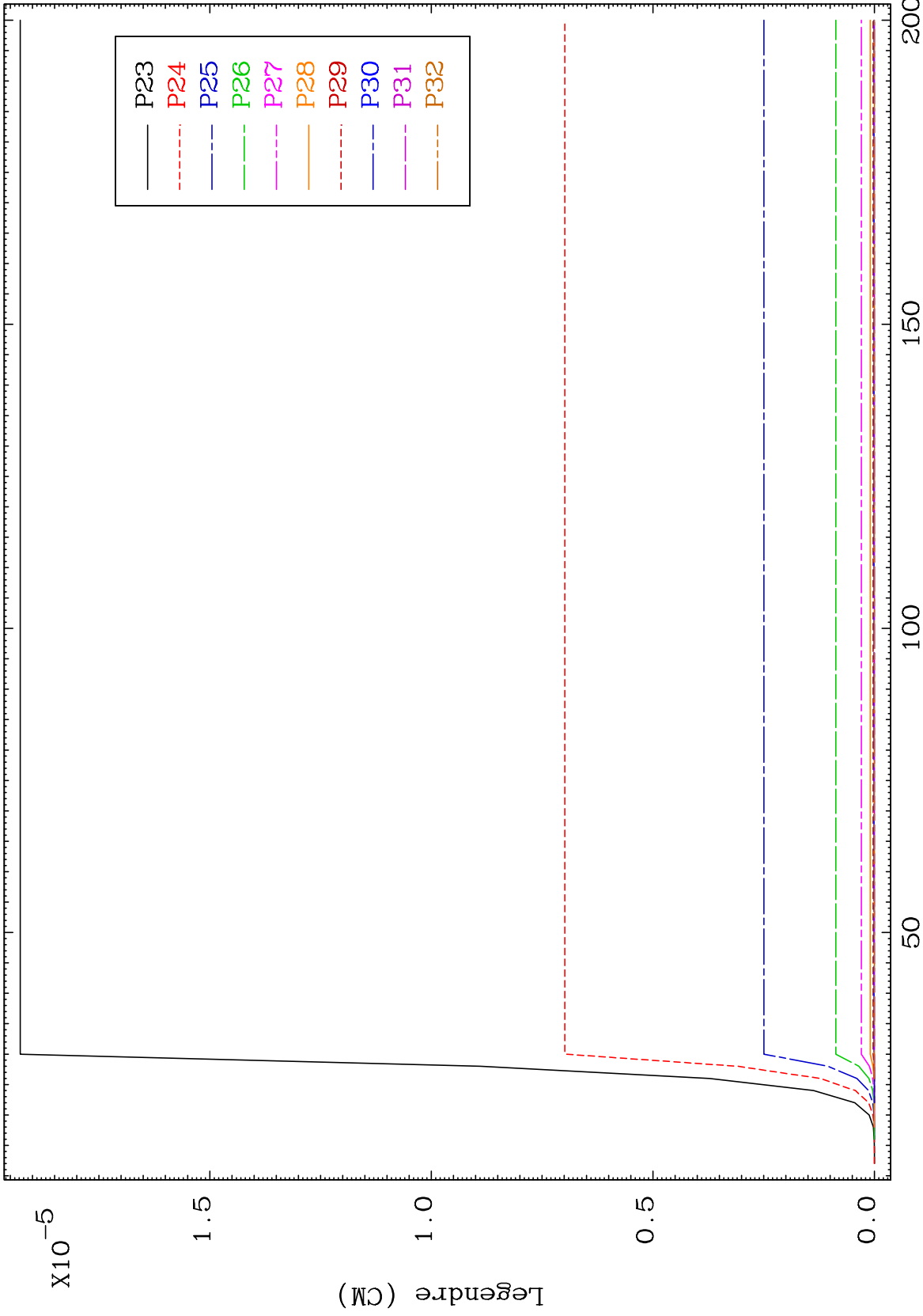
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



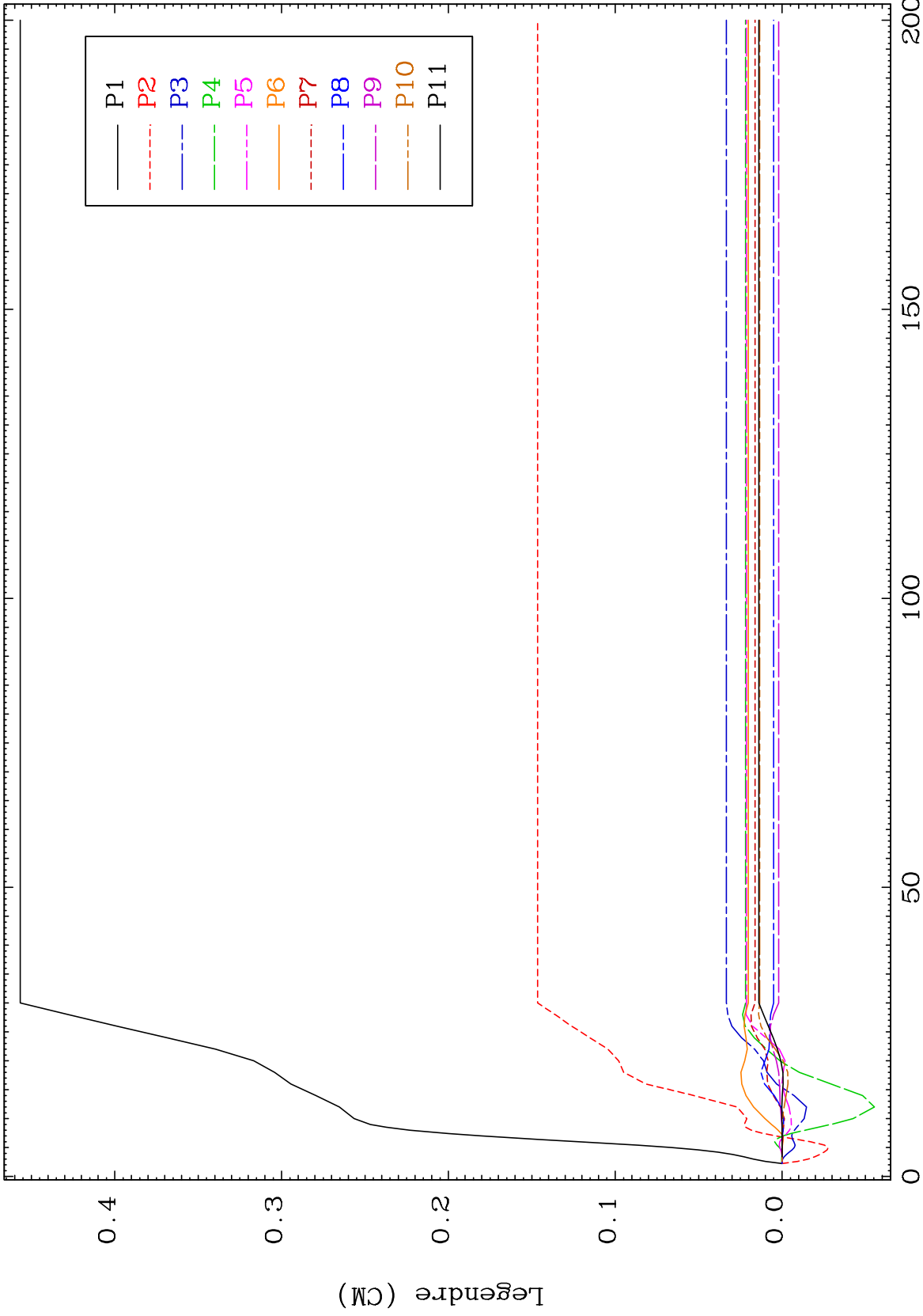
61

28-Ni-65

MAT 2846

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

28-Ni-65



62

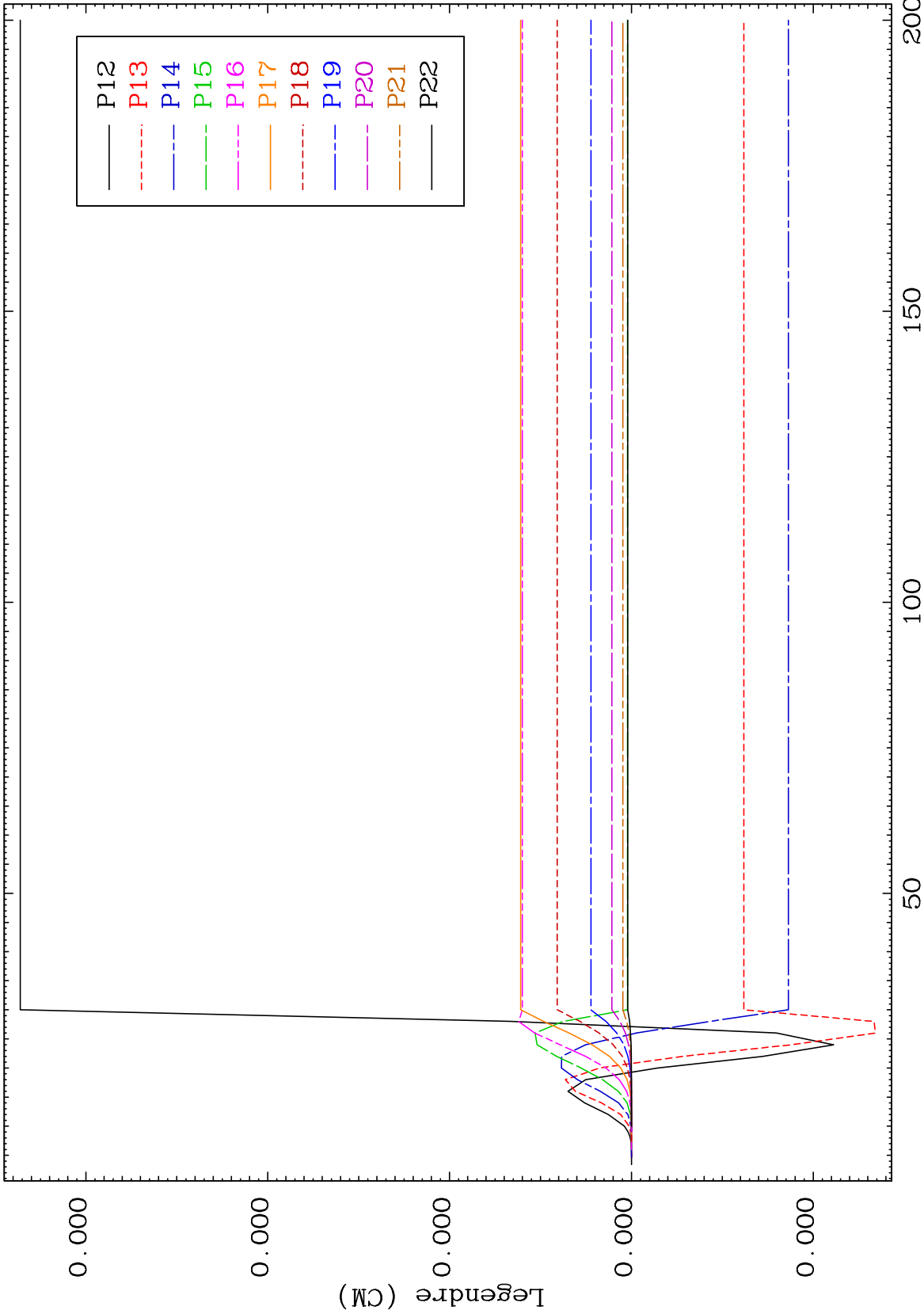
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



63

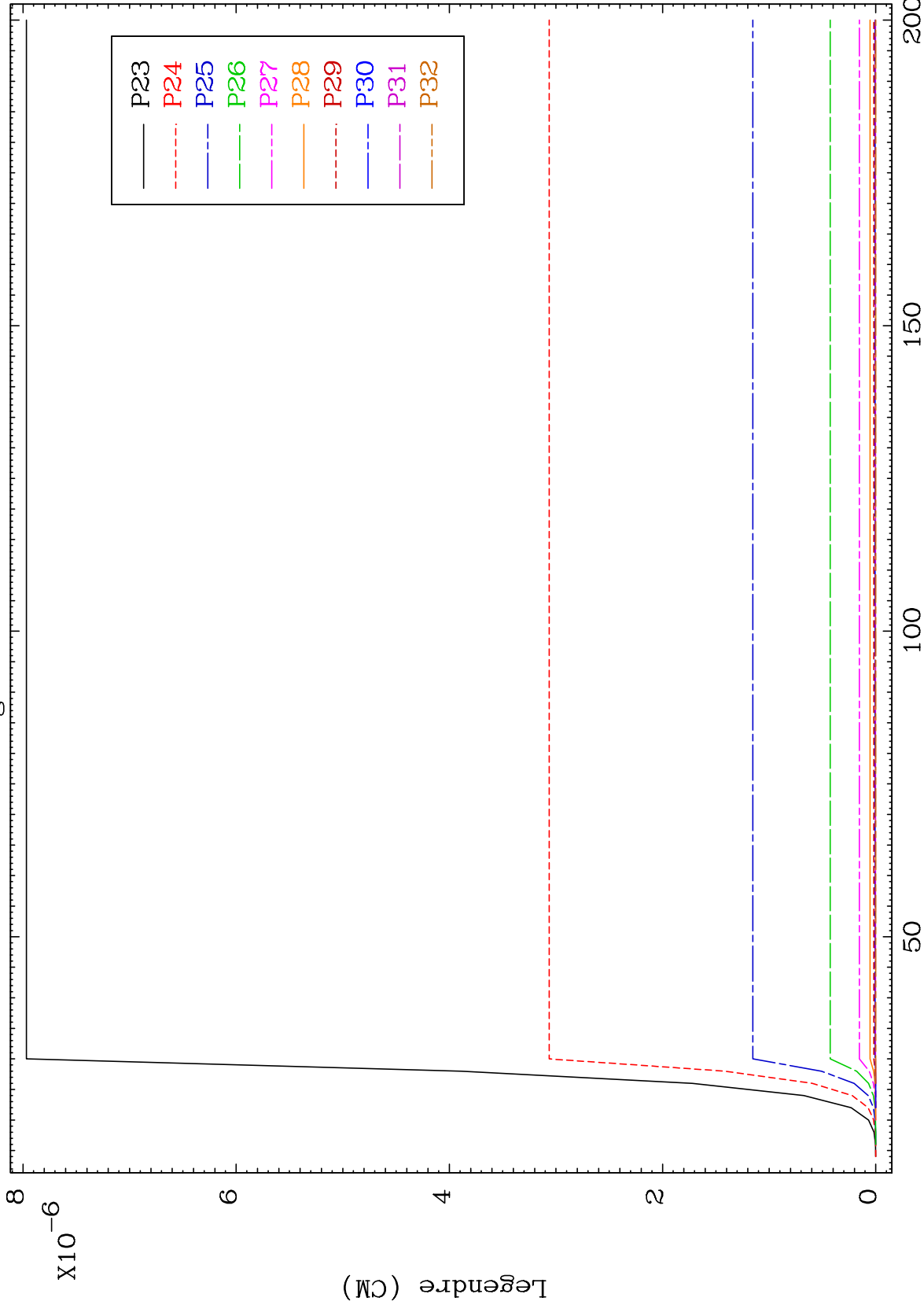
28-Ni-65



MAT 2846

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

28-Ni-65



64

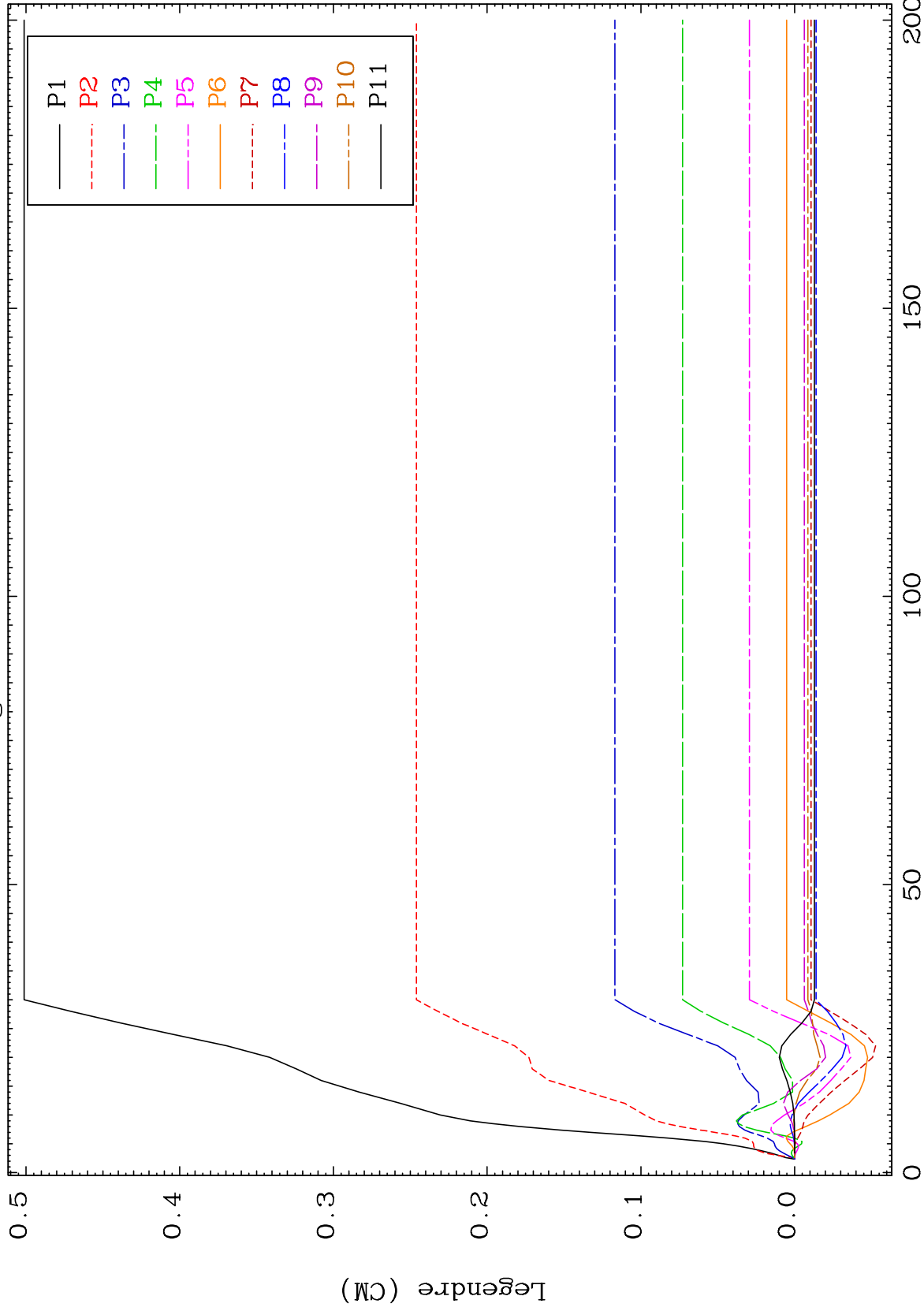
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



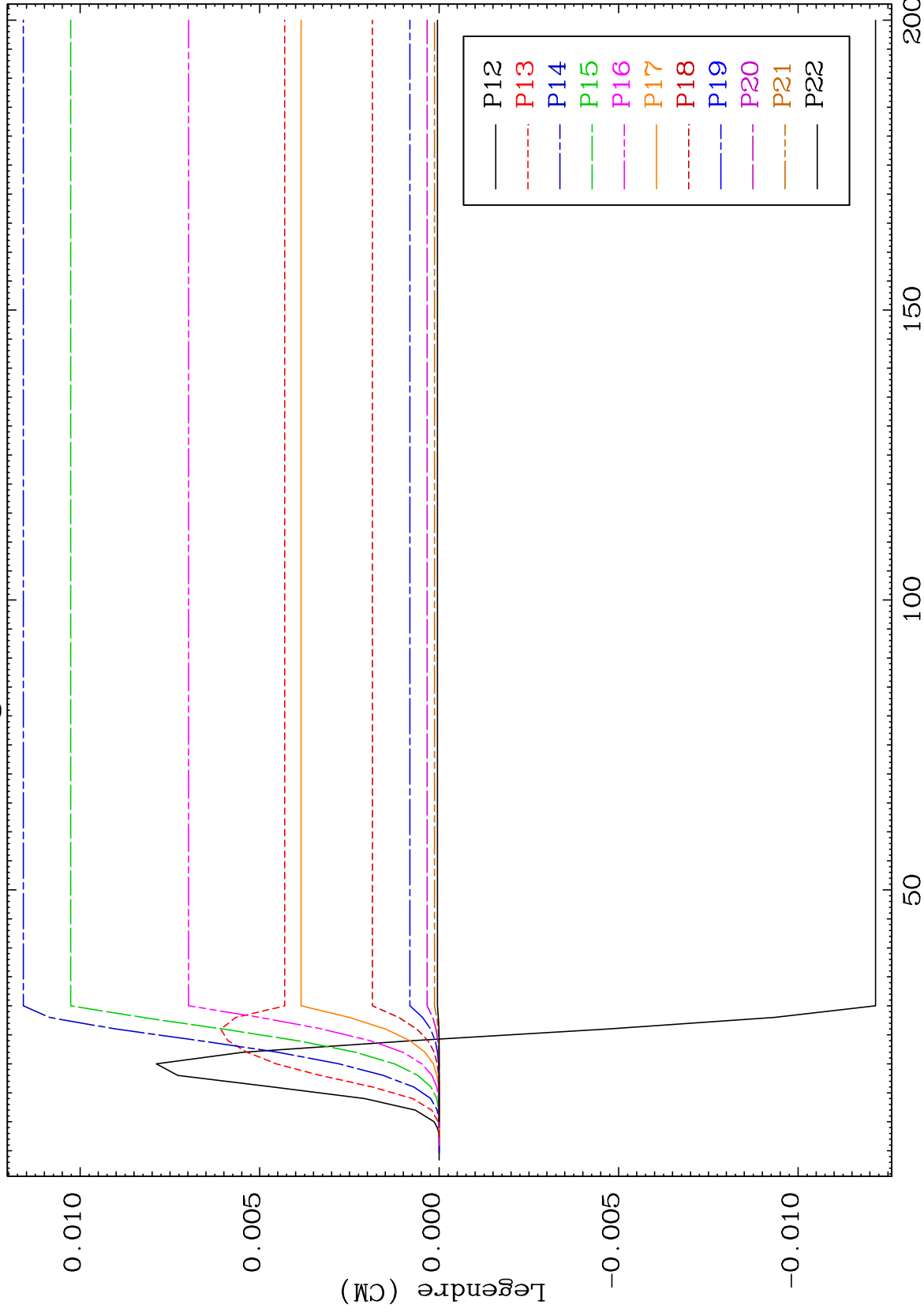
65

28-Ni-65

MAT 2846

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

28-Ni-65



66

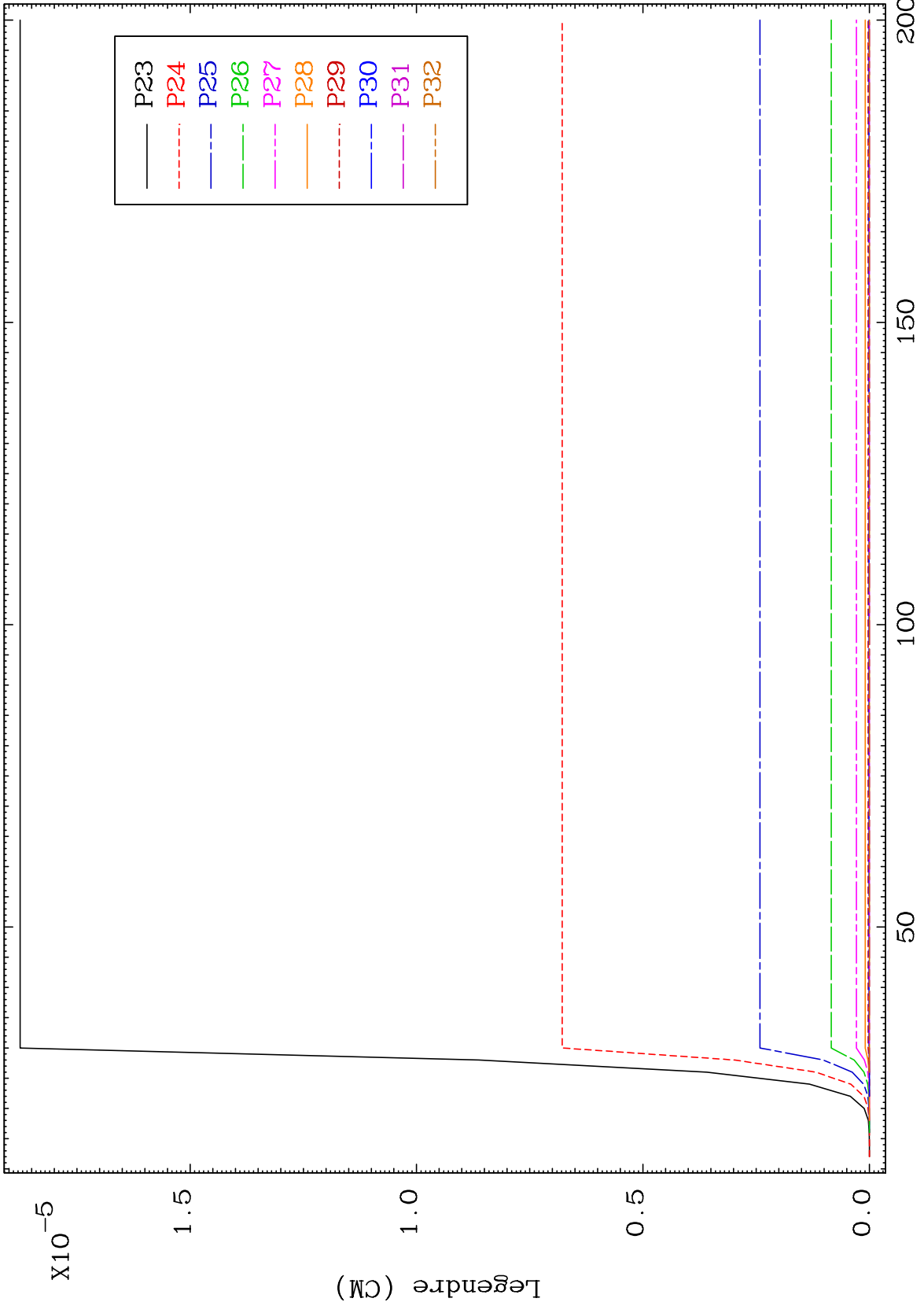
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



67

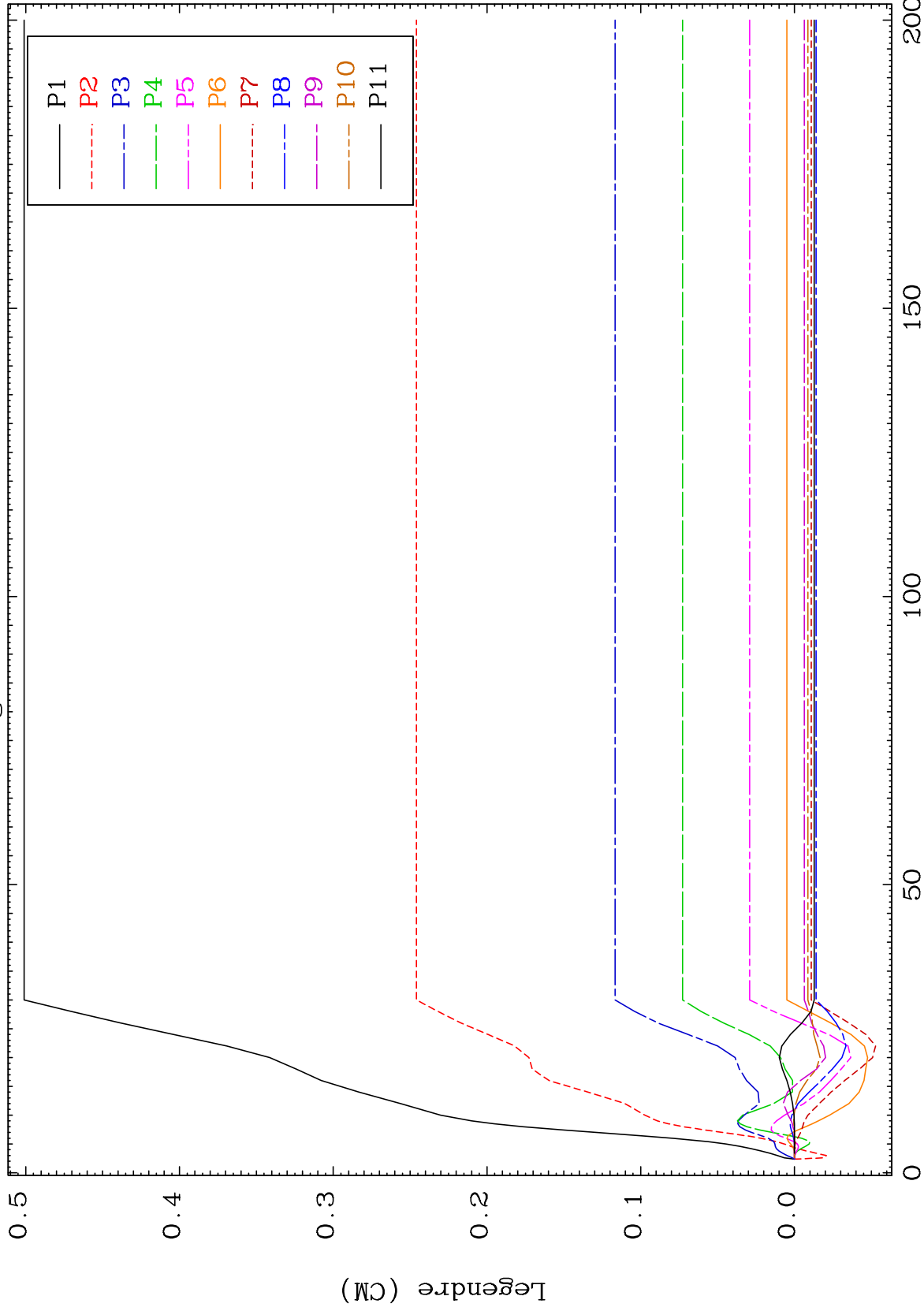
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



68

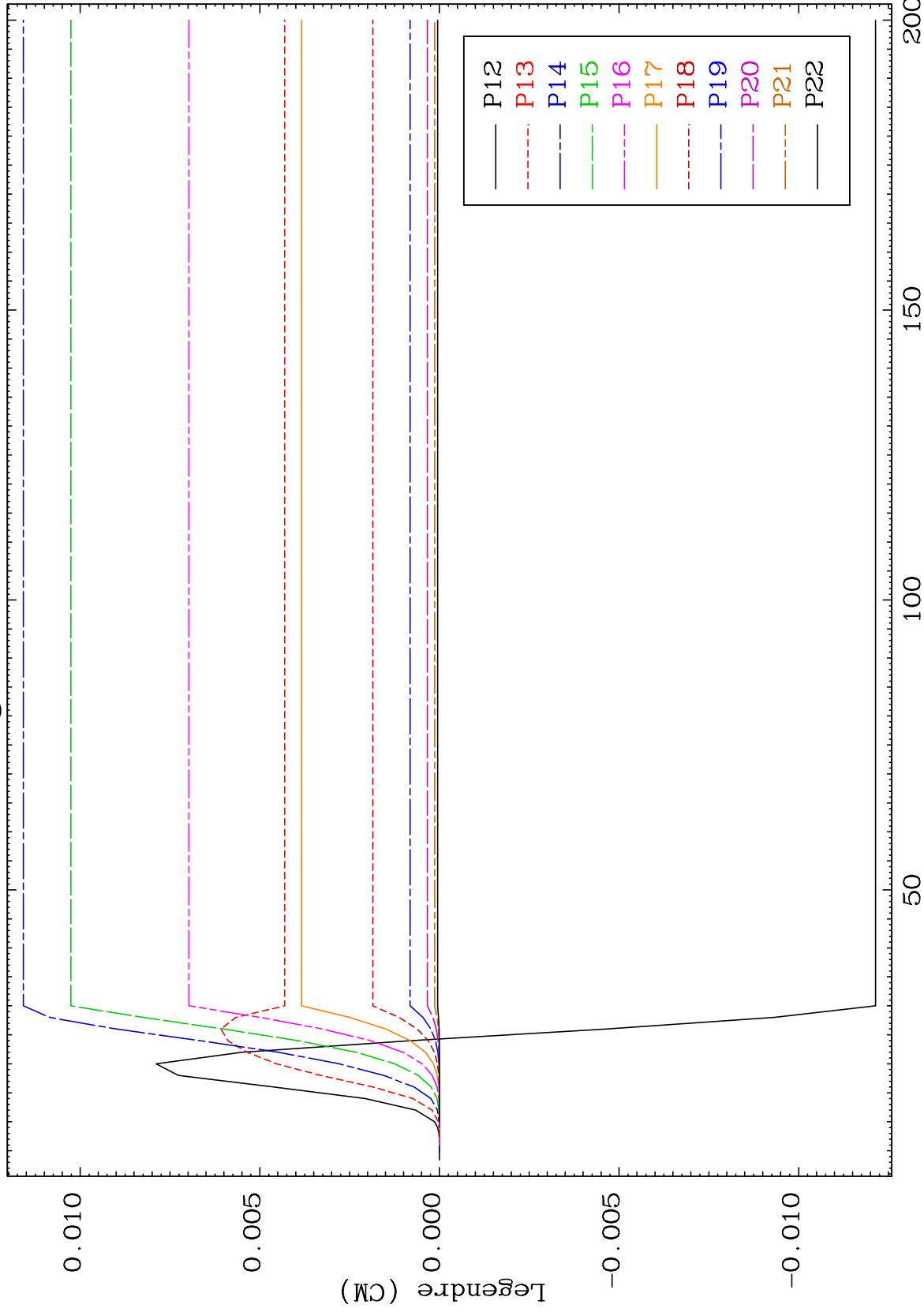
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



69

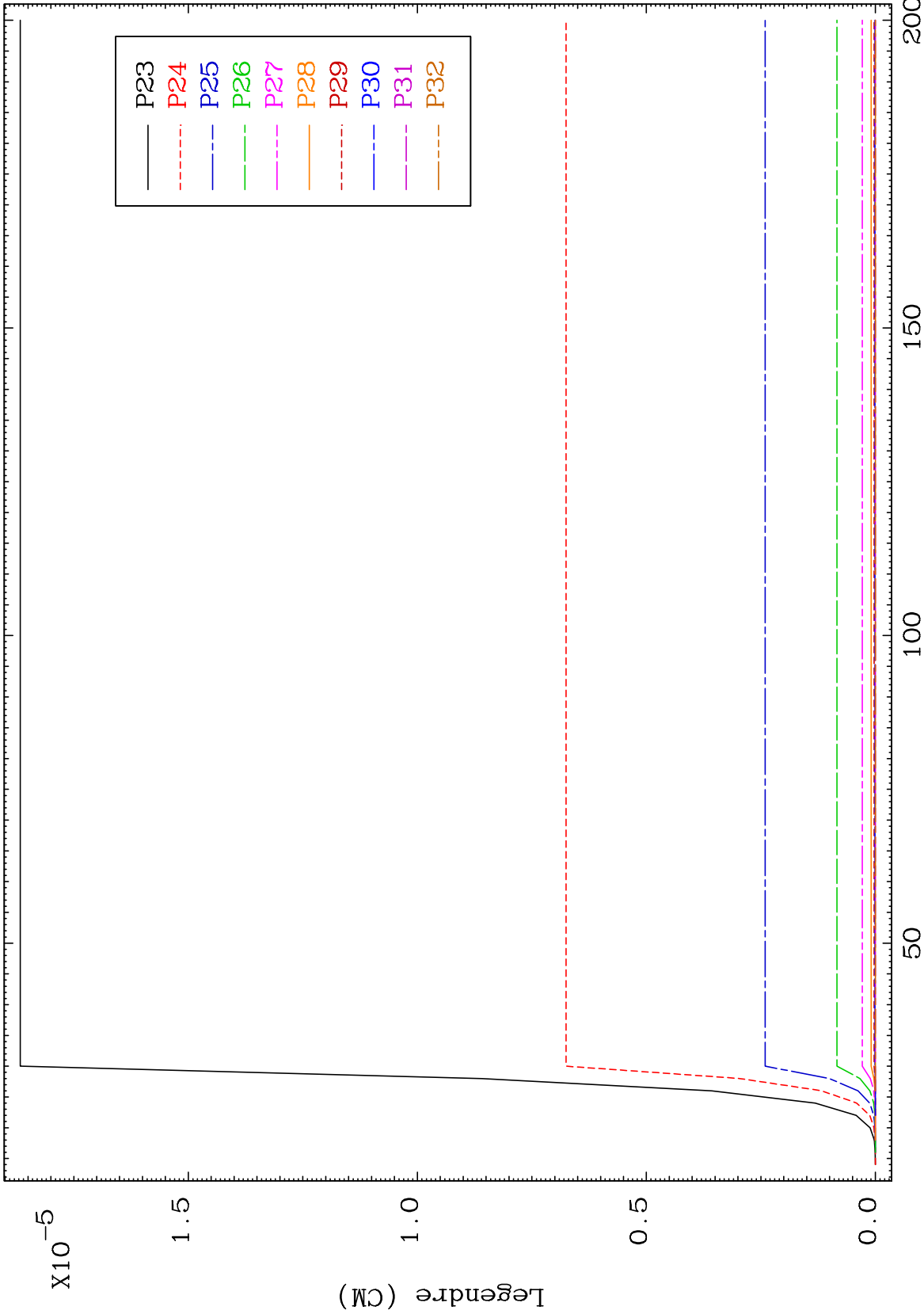
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



70

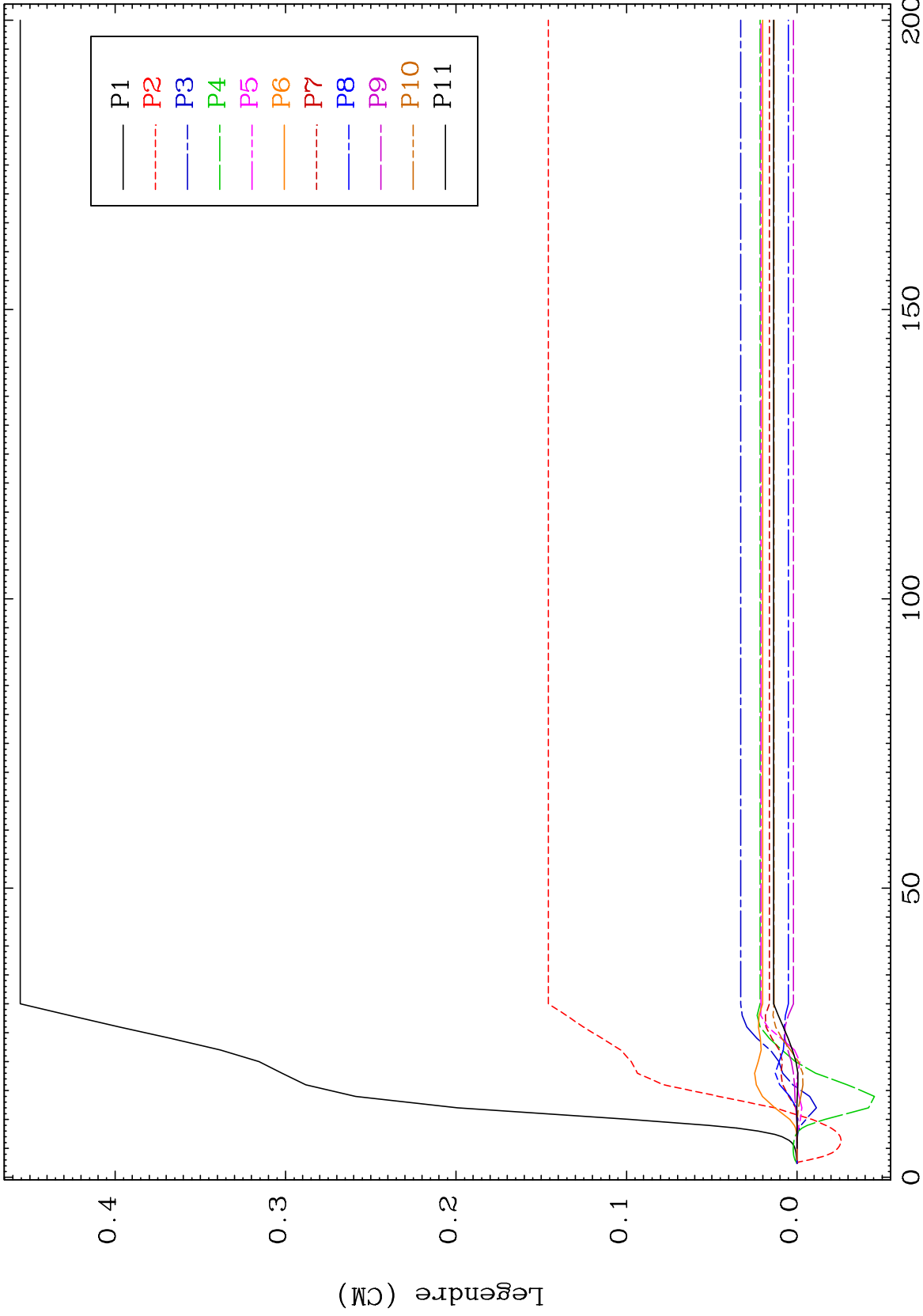
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



71

Incident Energy (MeV)

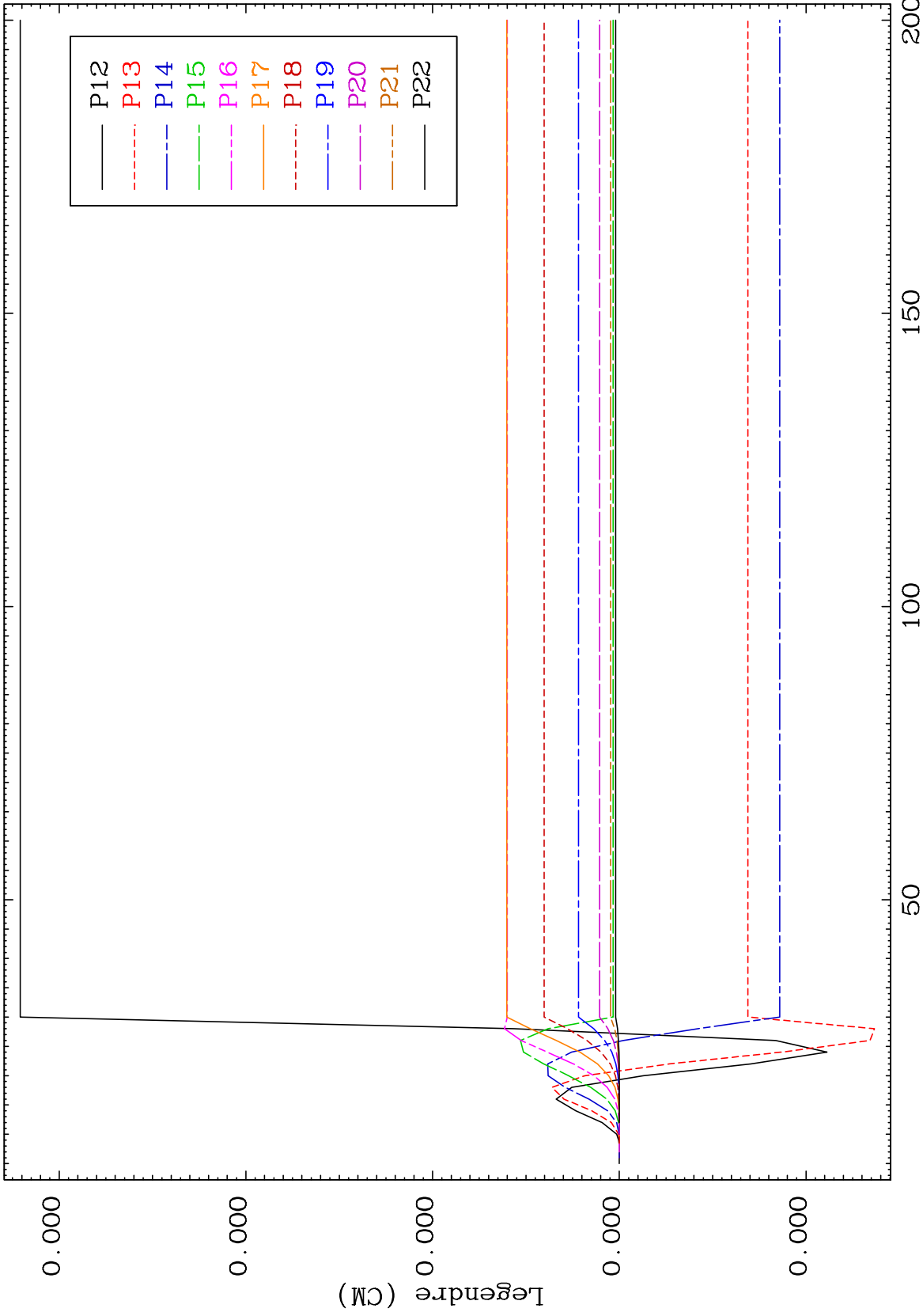
28-Ni-65



MAT 2846

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

28-Ni-65



72

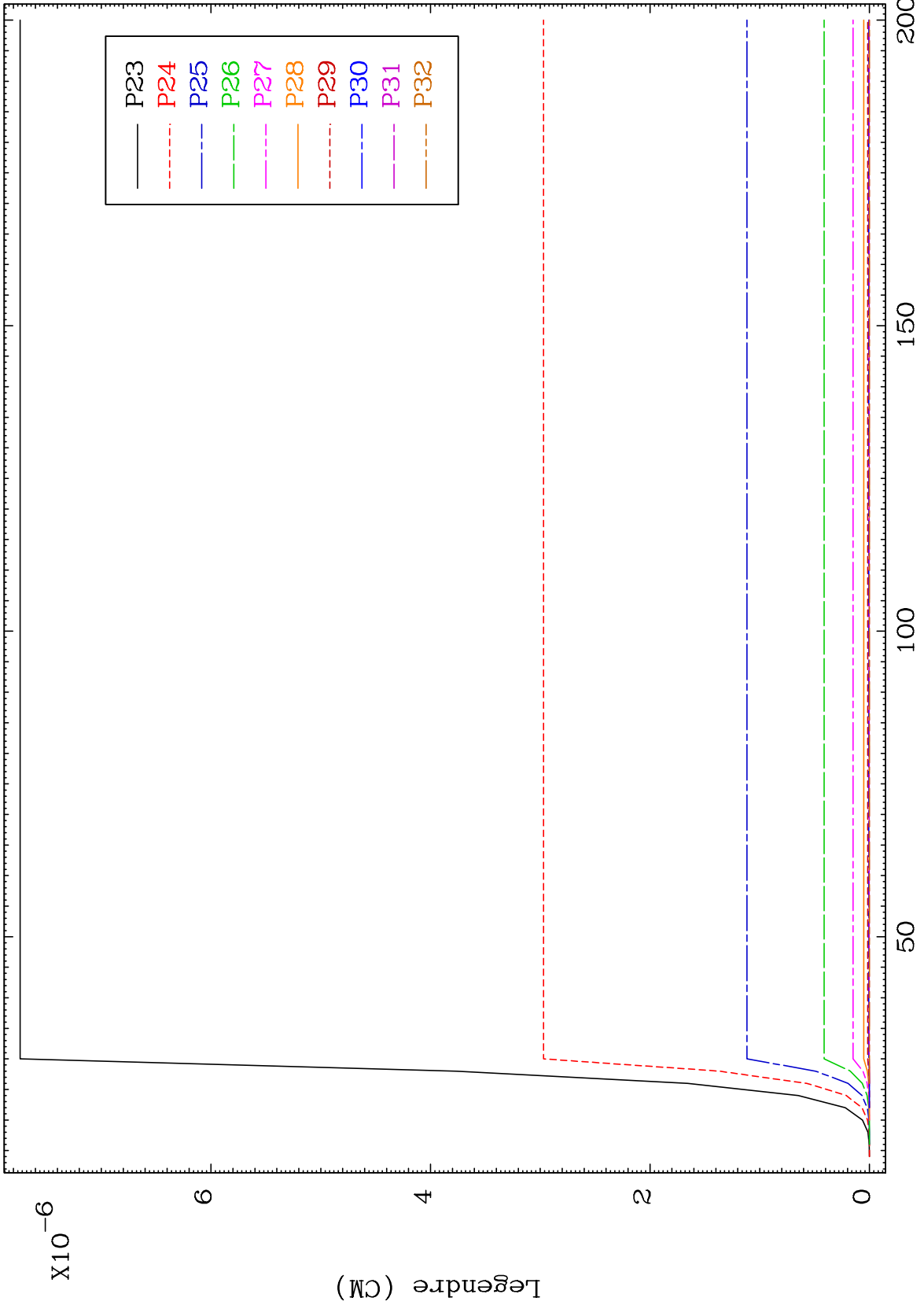
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65

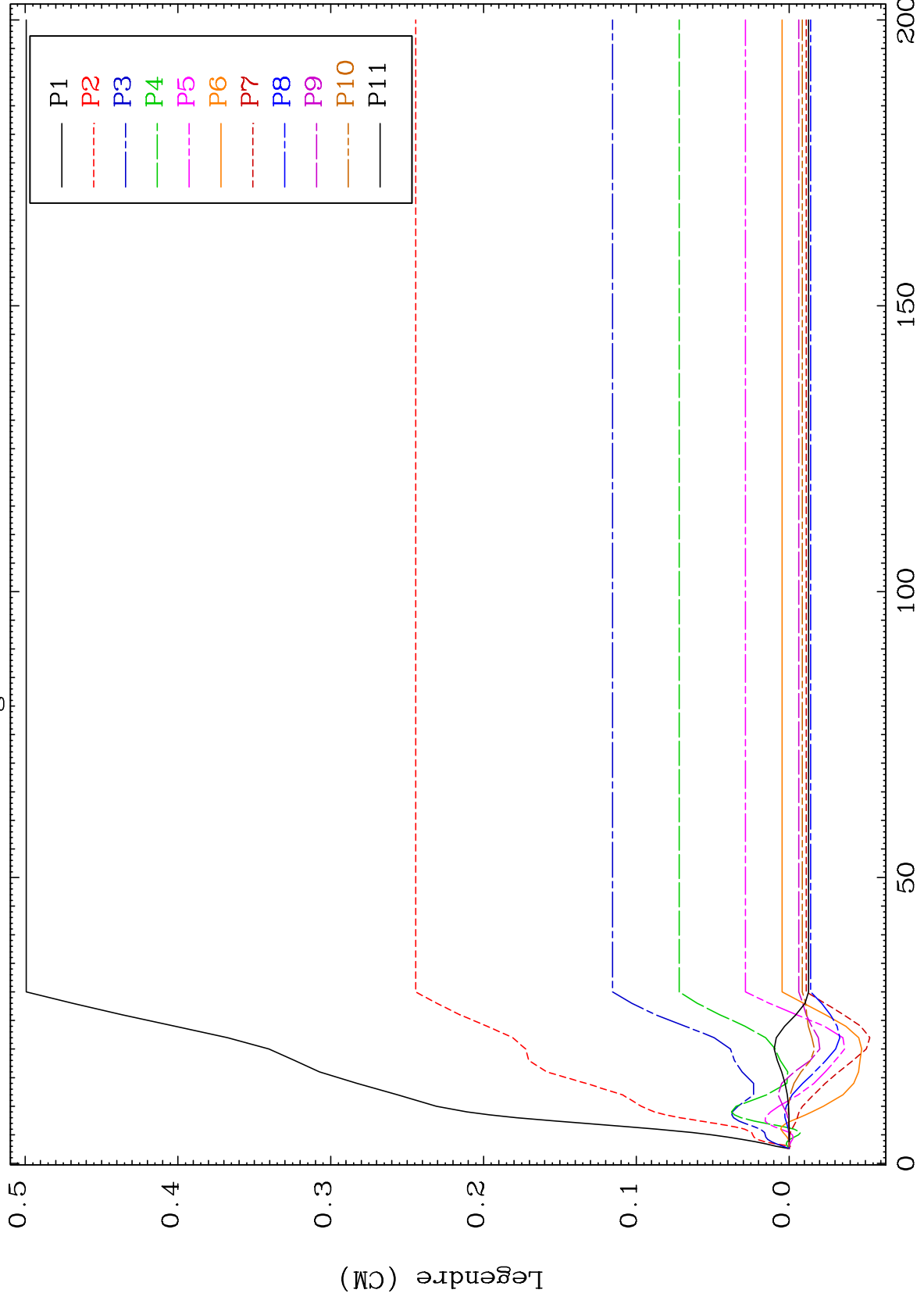


73

Incident Energy (MeV)

28-Ni-65

MAT 2846 MT= 69 (n,n') Level Legendre Coefficients 28-Ni-65

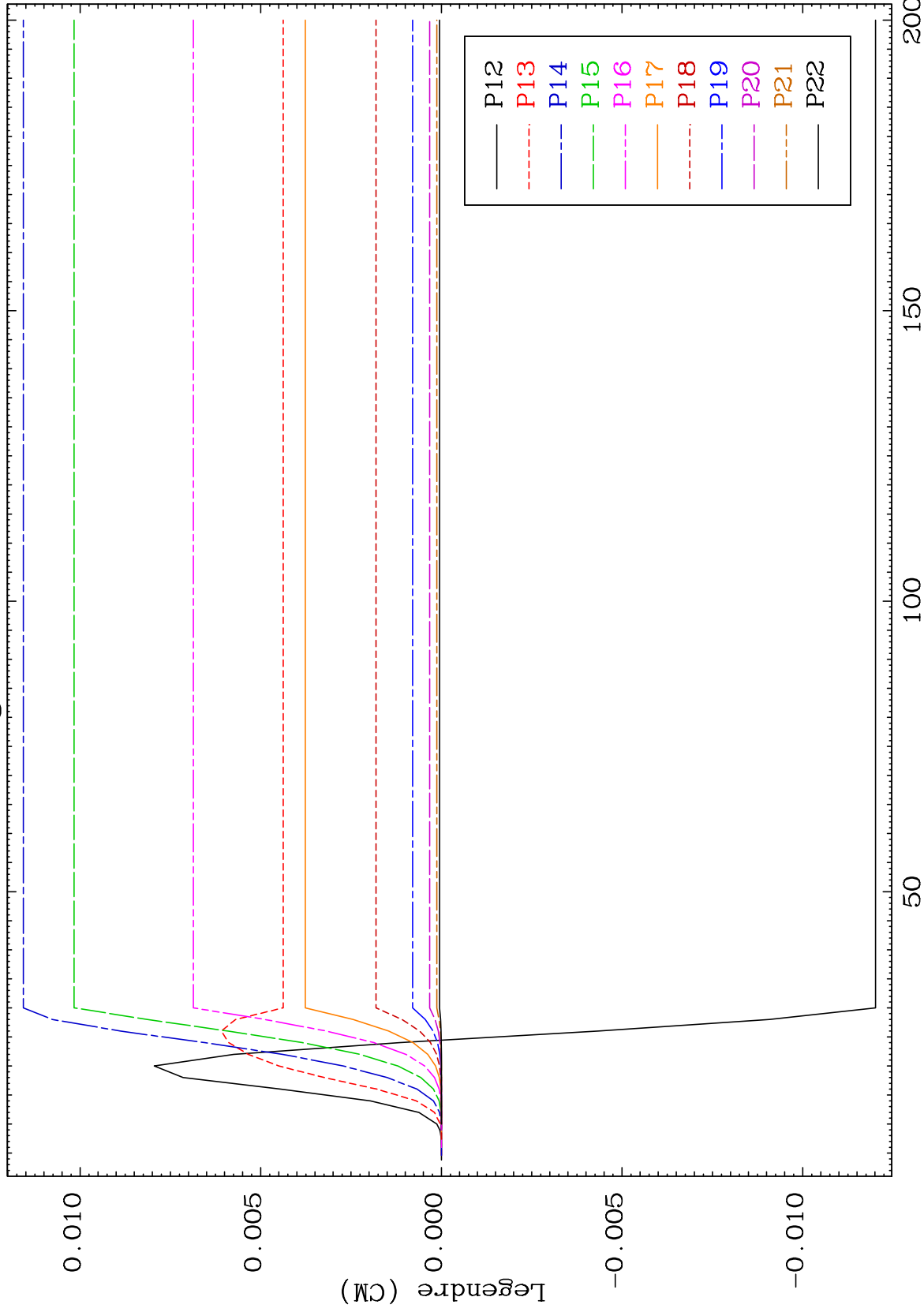


74 28-Ni-65

MAT 2846

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

28-Ni-65



75

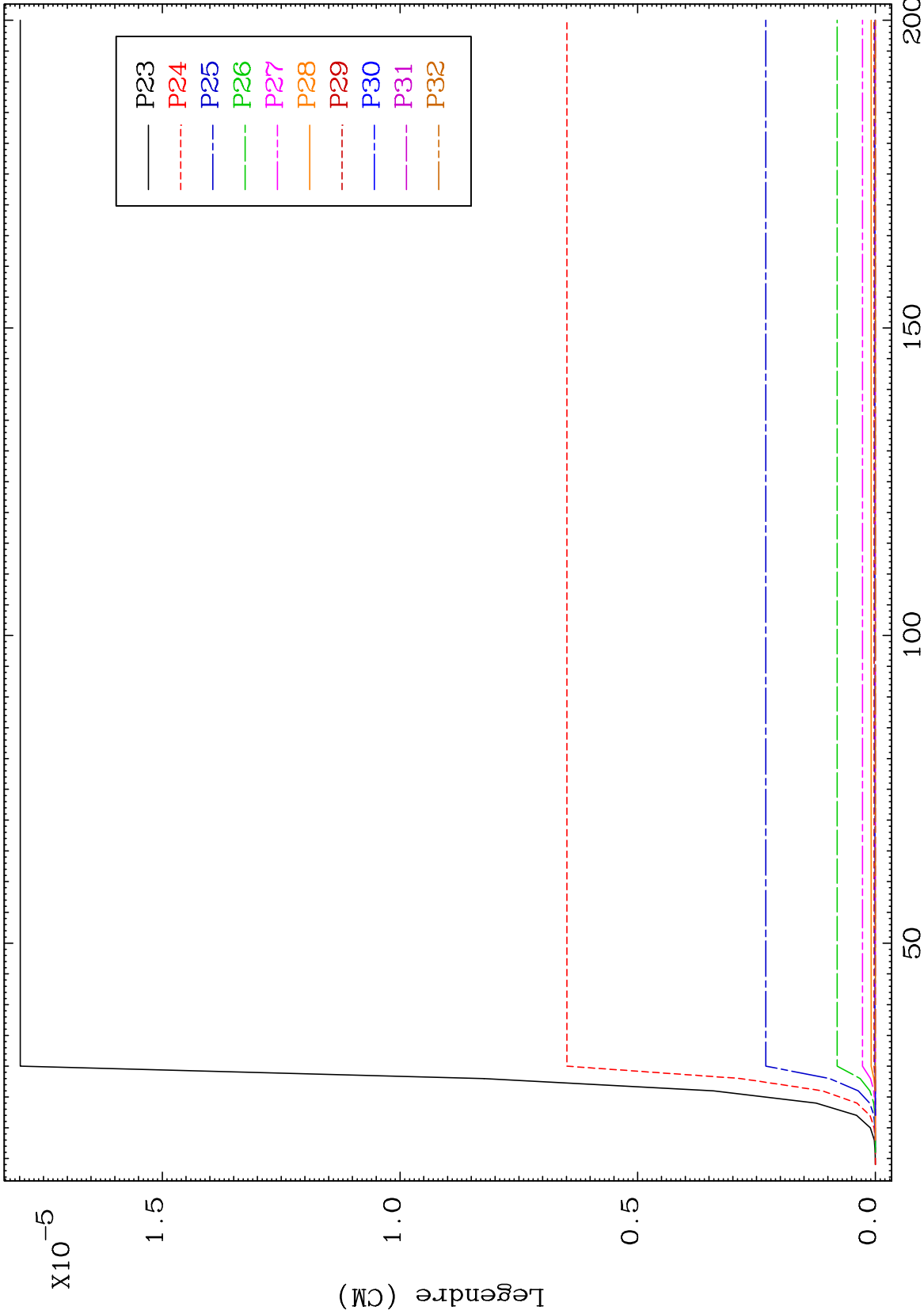
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



76

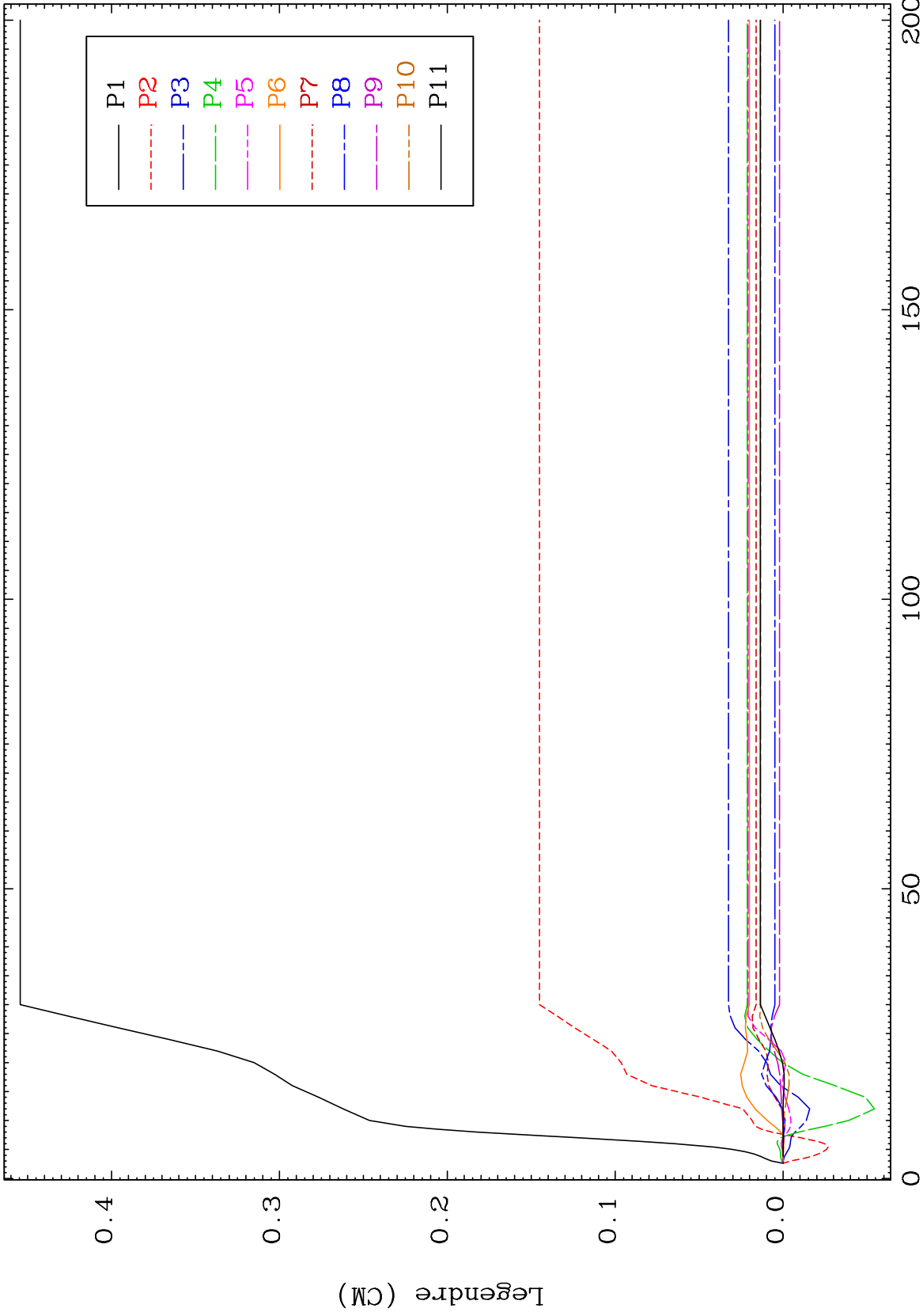
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



77

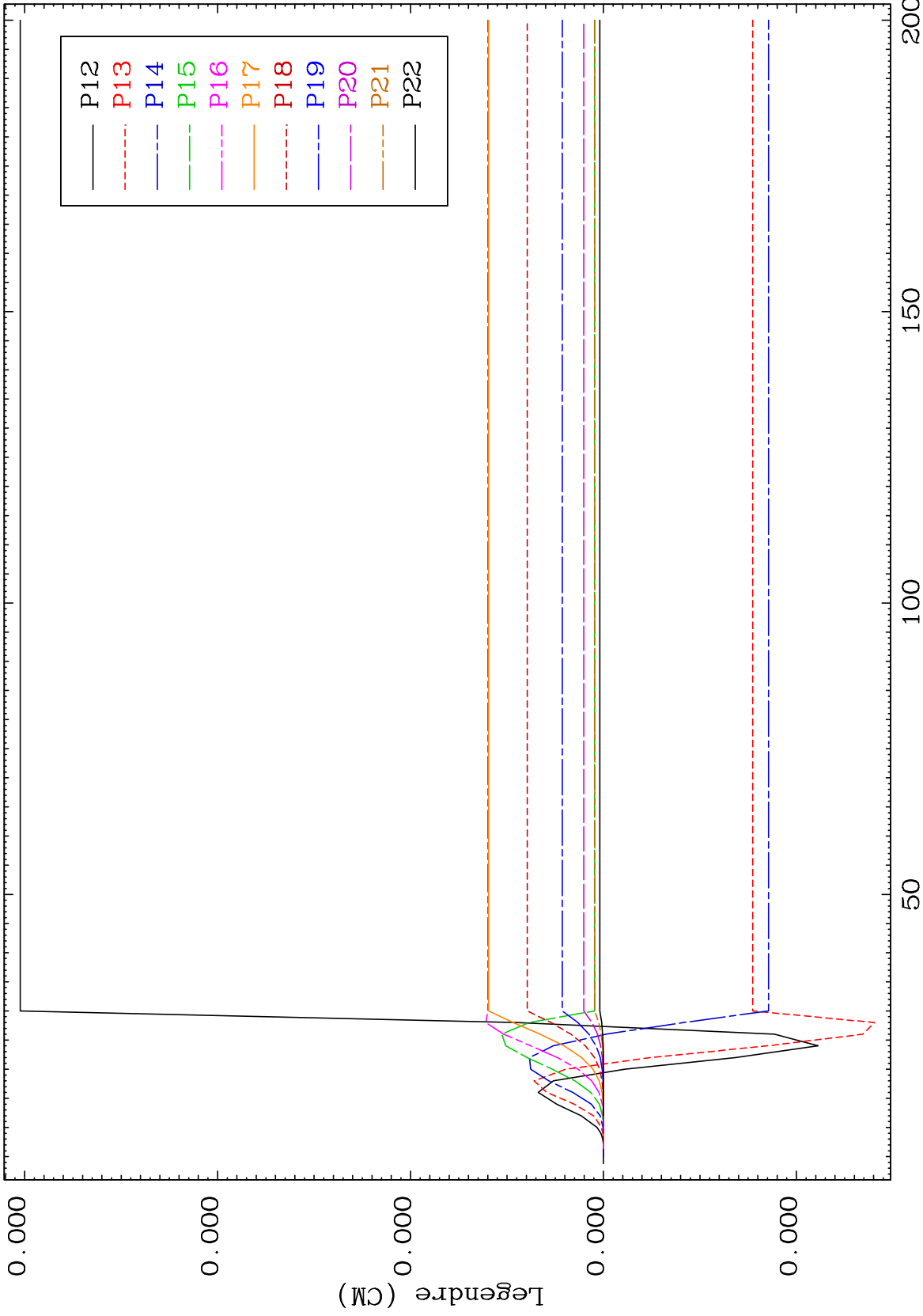
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



78

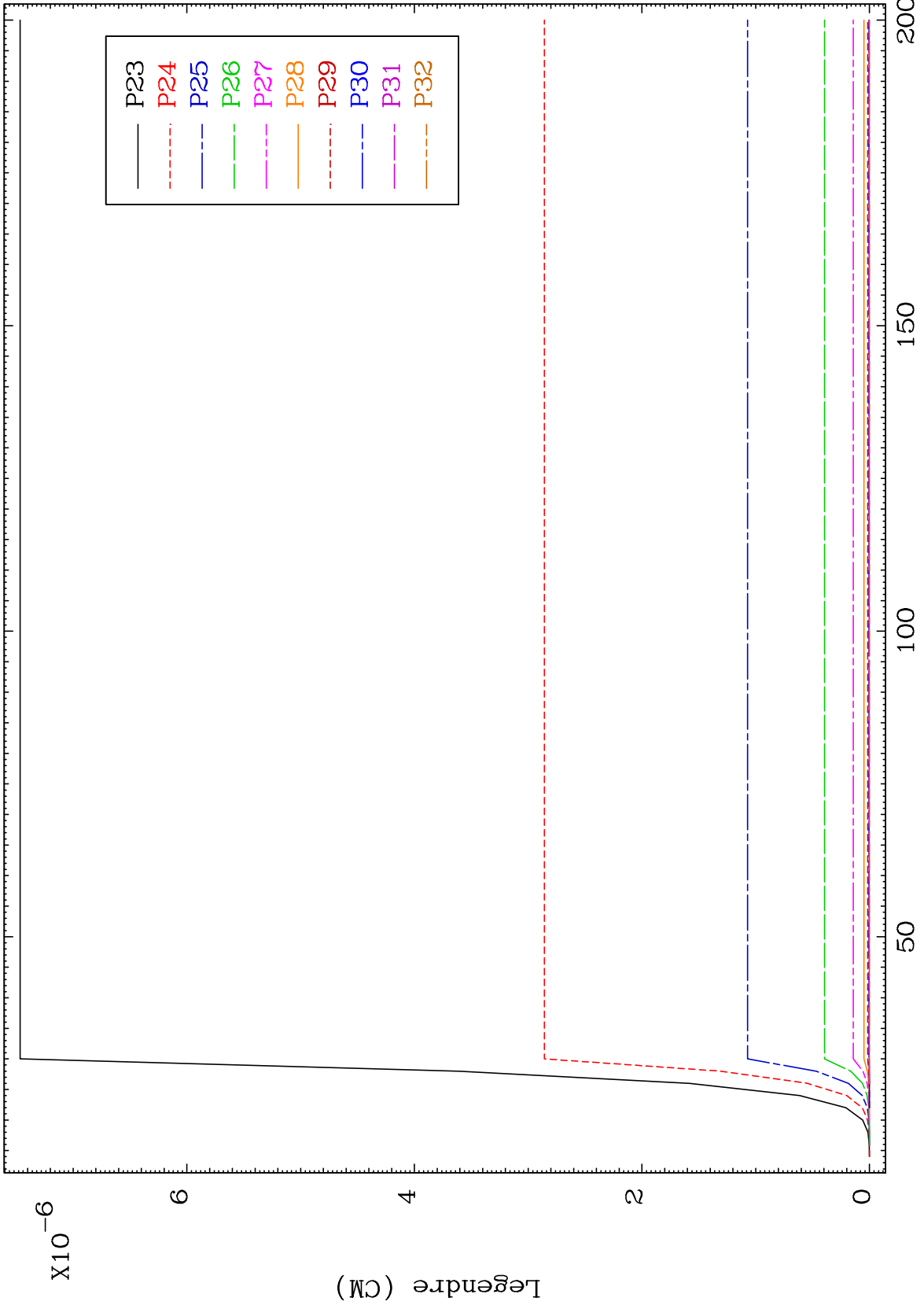
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



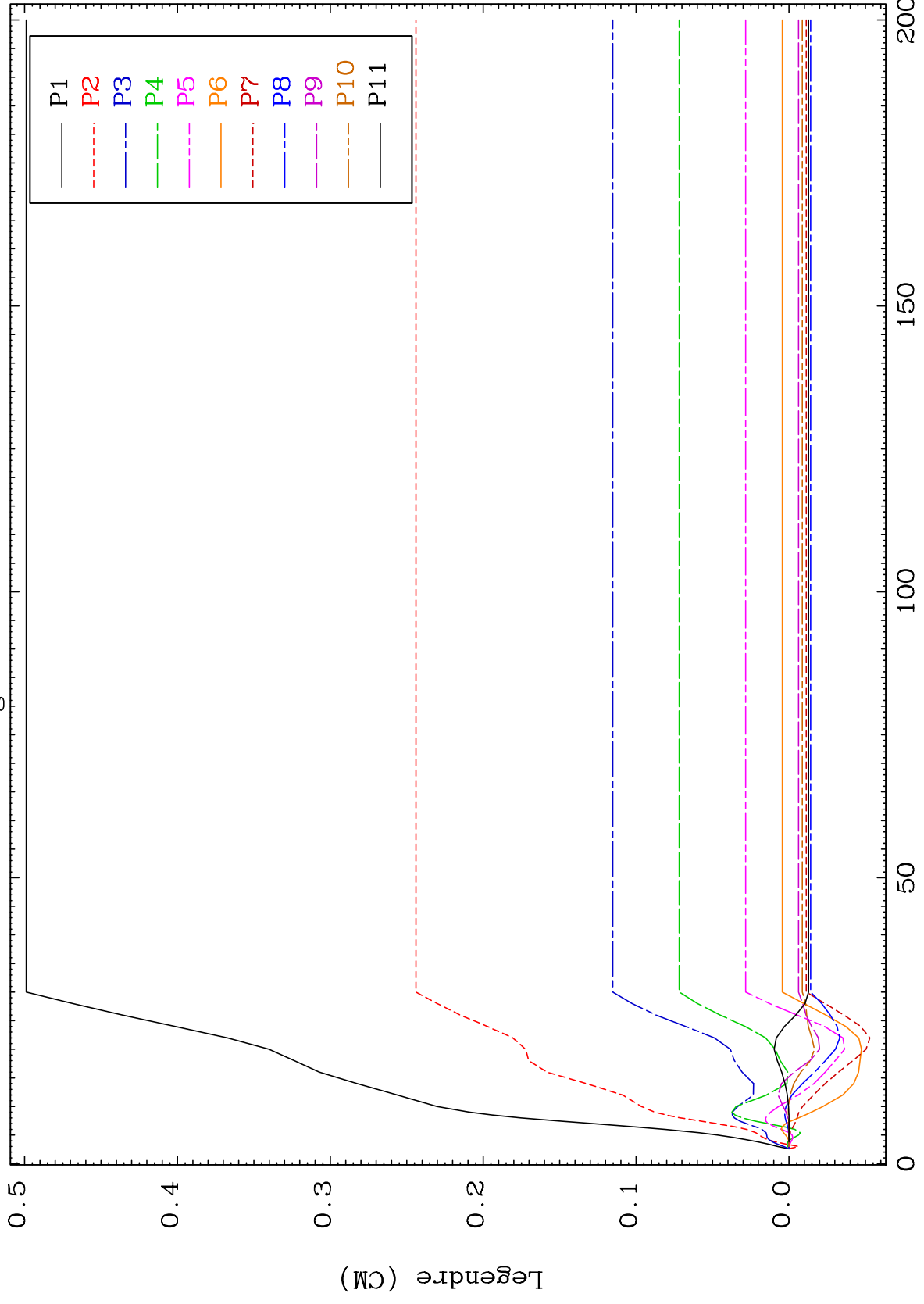
79

Incident Energy (MeV)

28-Ni-65



MAT 2846 MT= 71 (n,n') Level Legendre Coefficients 28-Ni-65

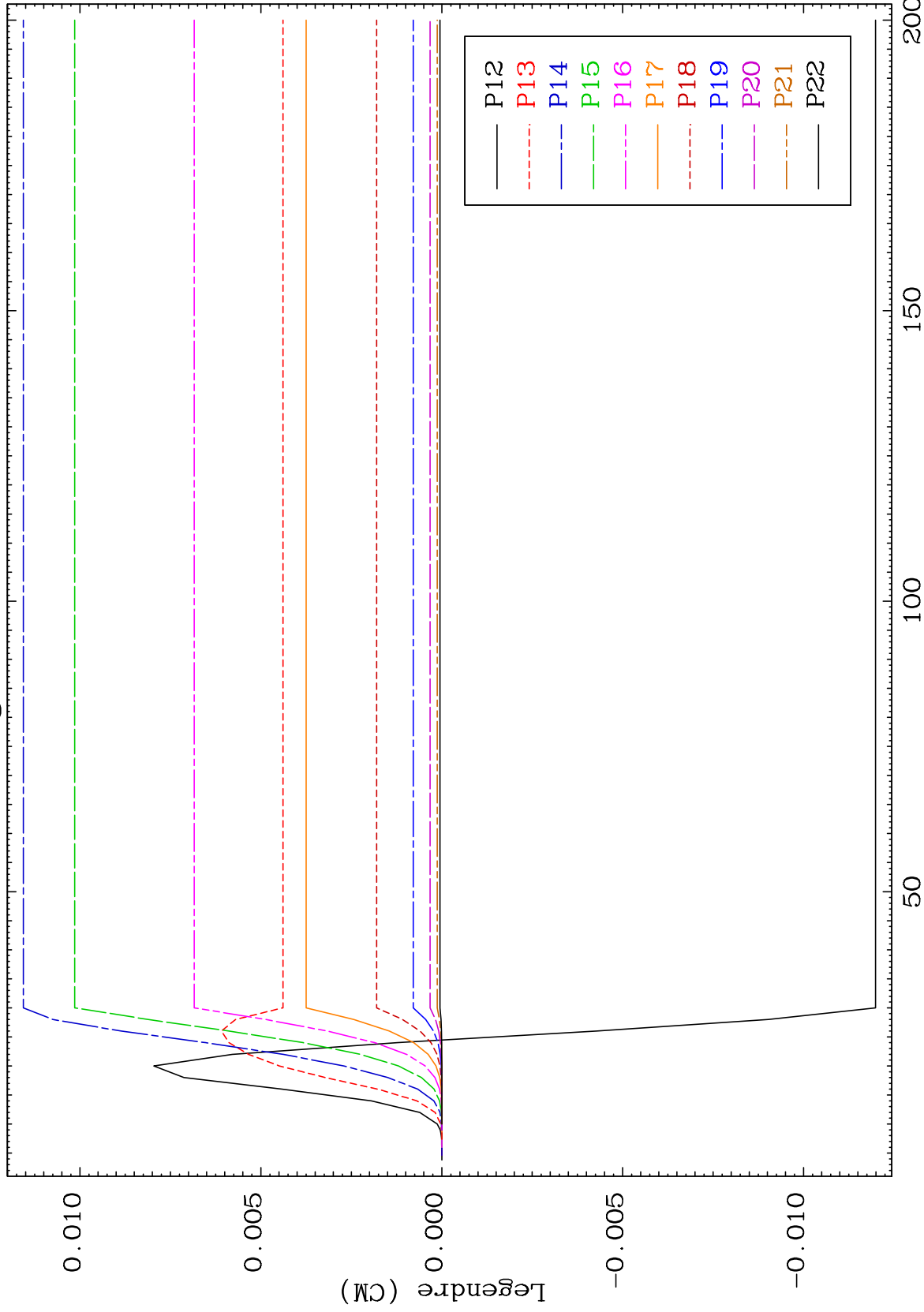


80 50 100 150 200 28-Ni-65

MAT 2846

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

28-Ni-65



81

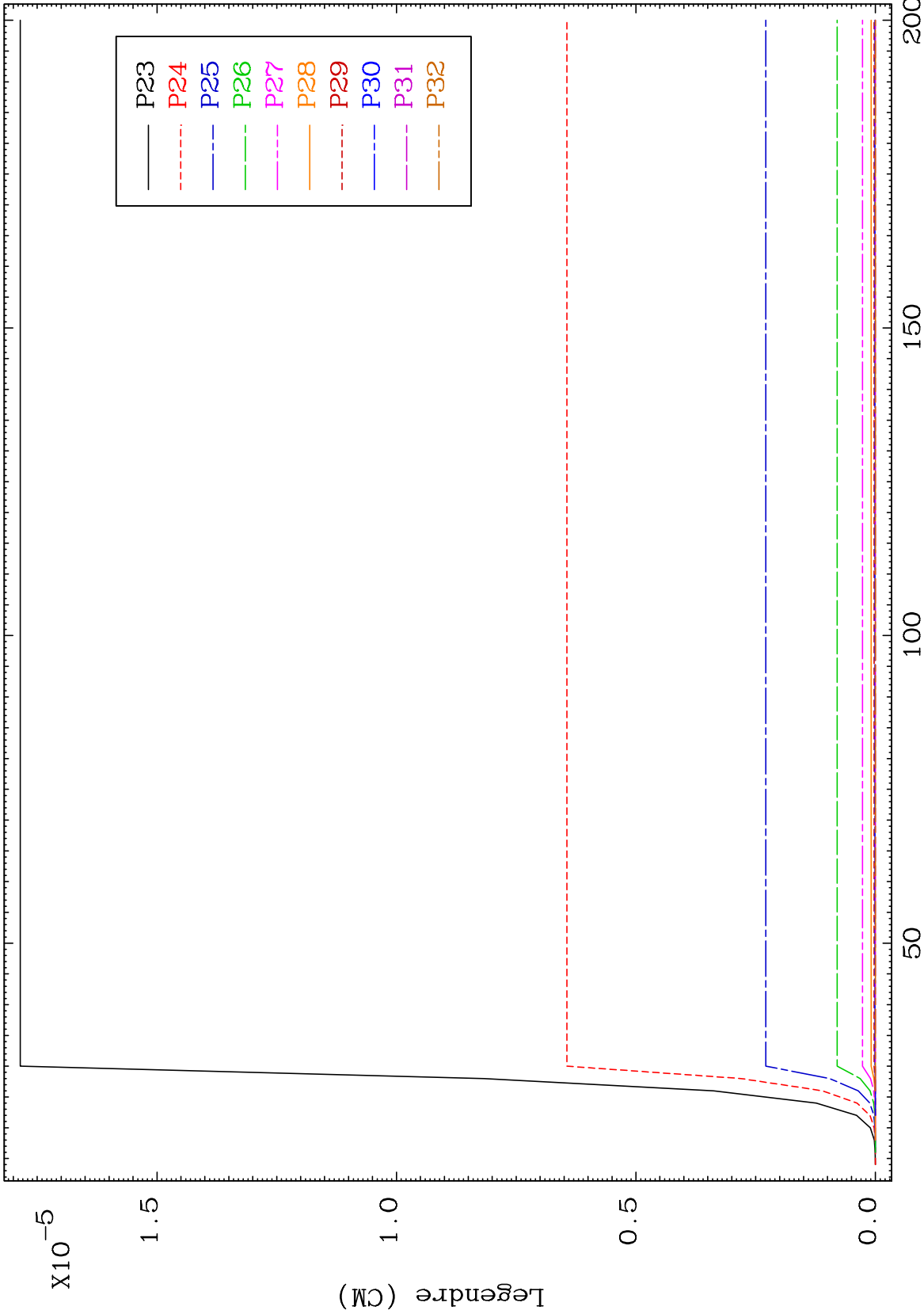
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



82

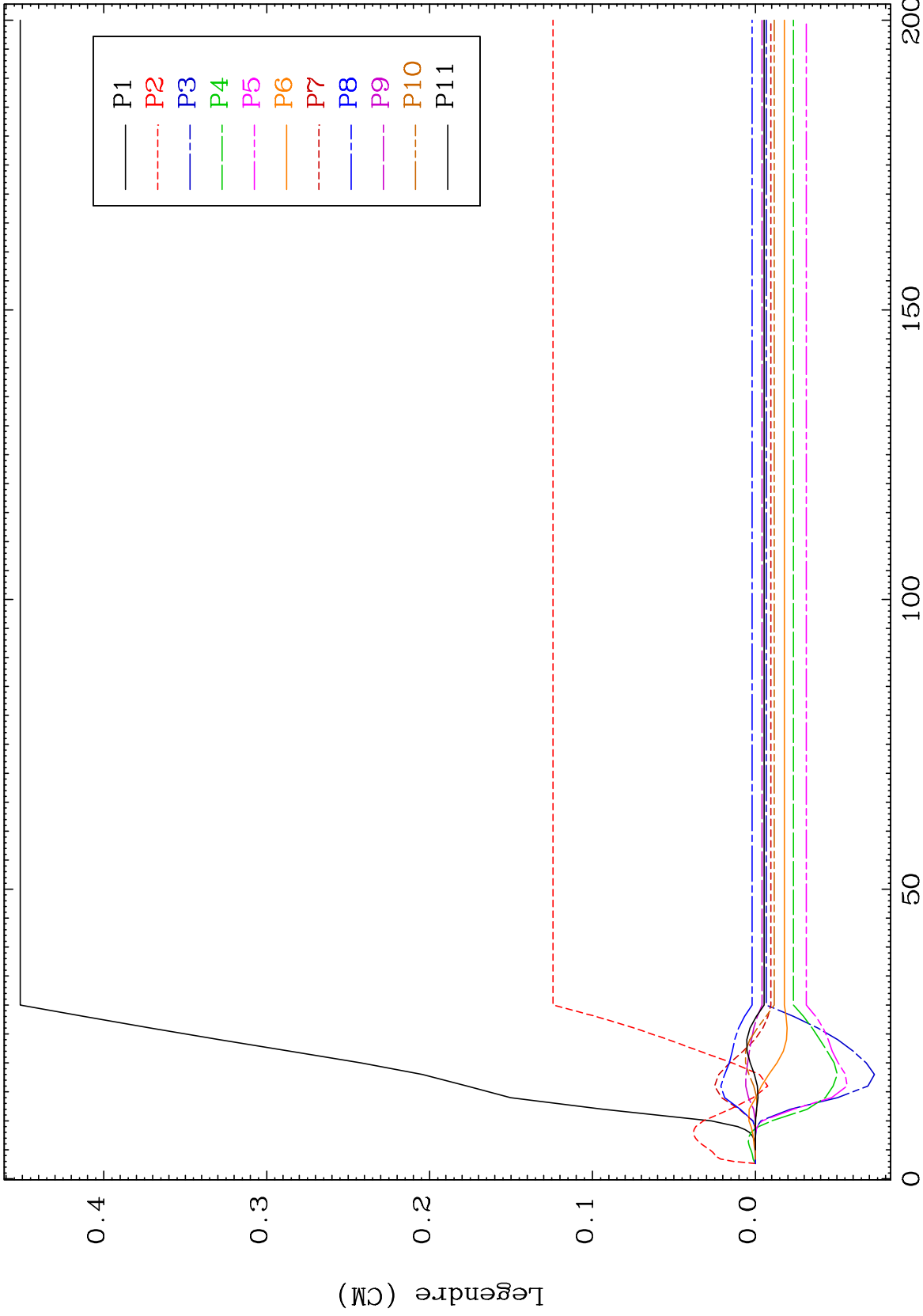
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



83

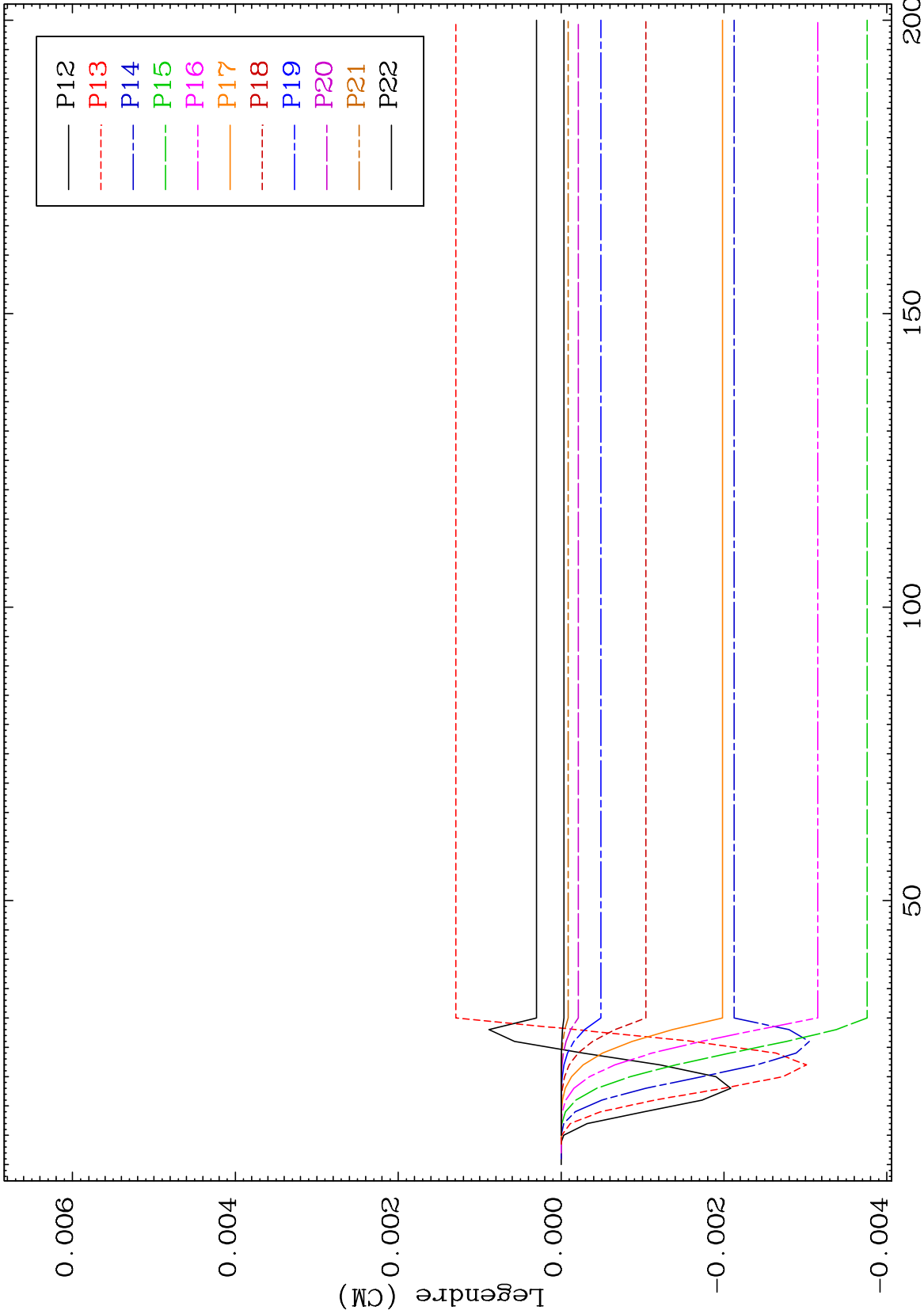
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



84

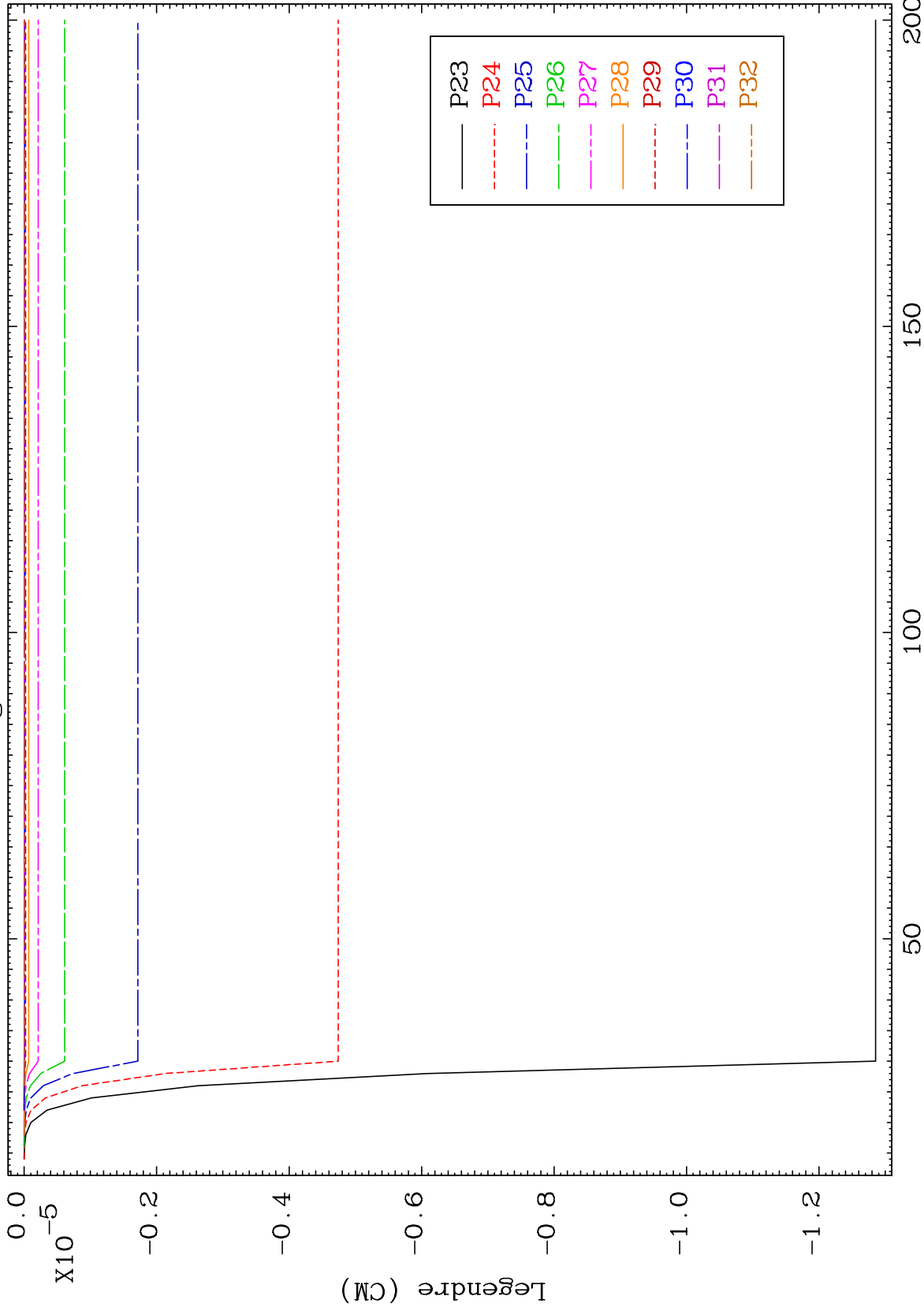
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65

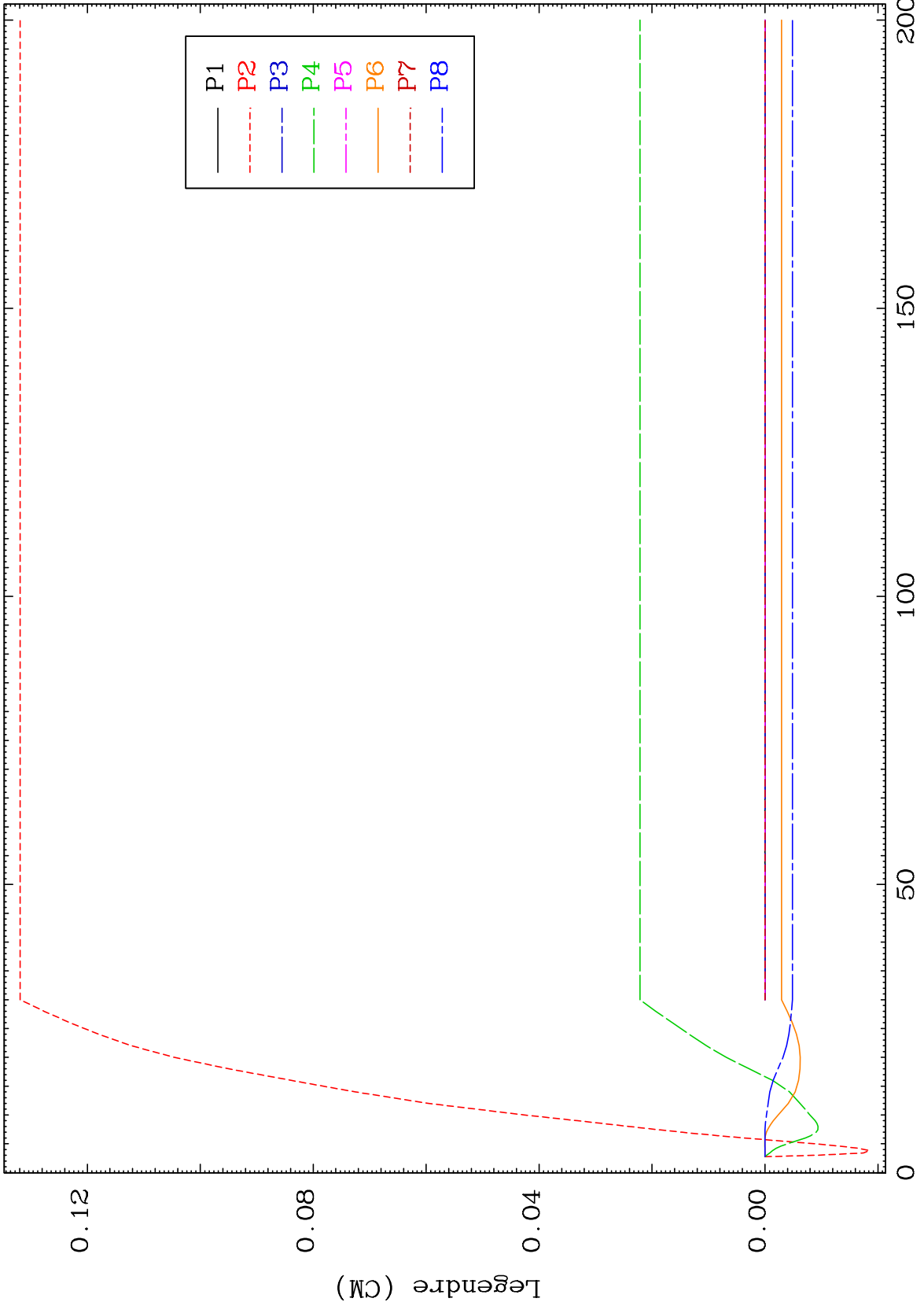


85

Incident Energy (MeV)

28-Ni-65

MAT 2846 MT= 73 (n,n') Level Legendre Coefficients 28-Ni-65

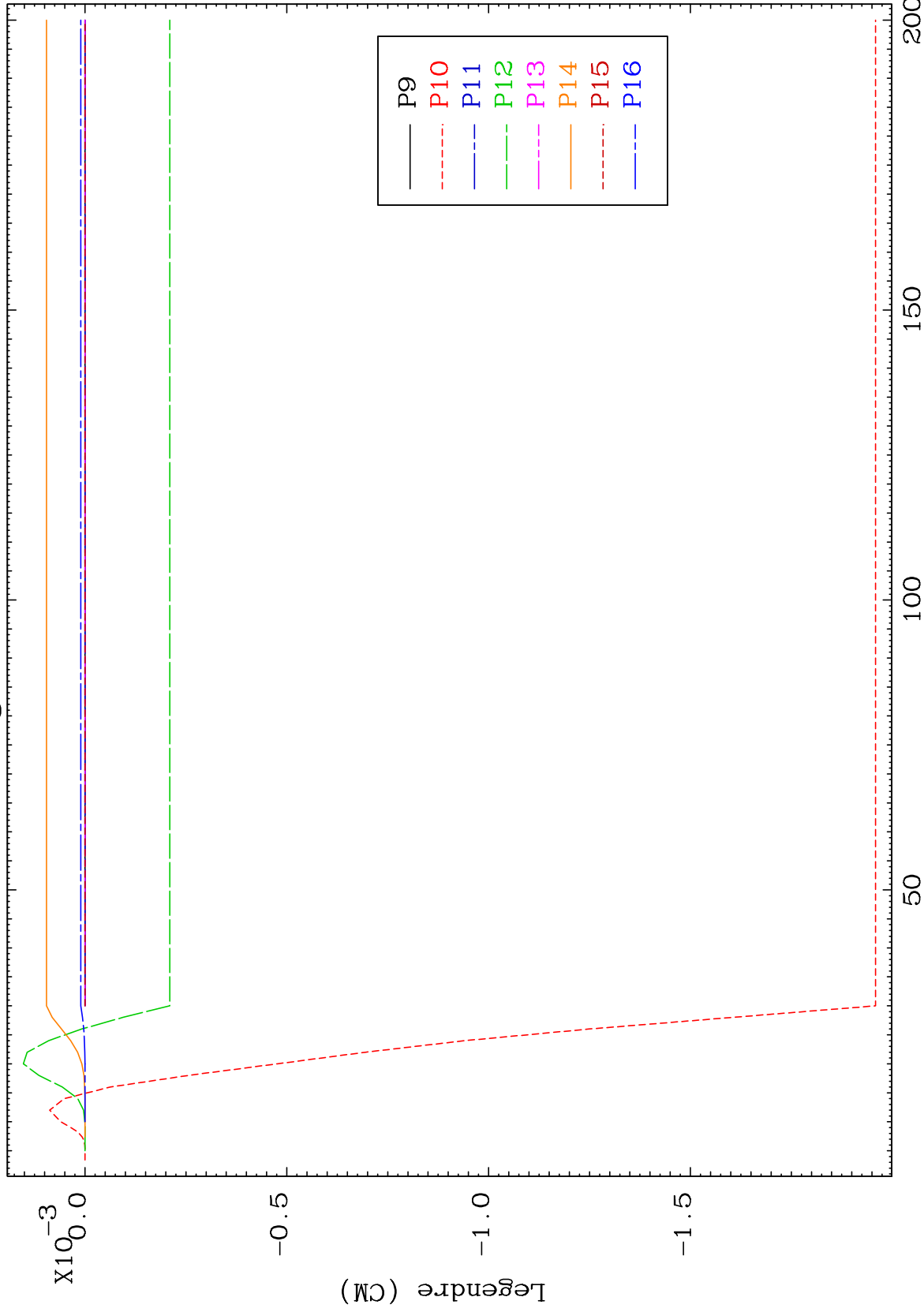


86 28-Ni-65

MAT 2846

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

28-Ni-65

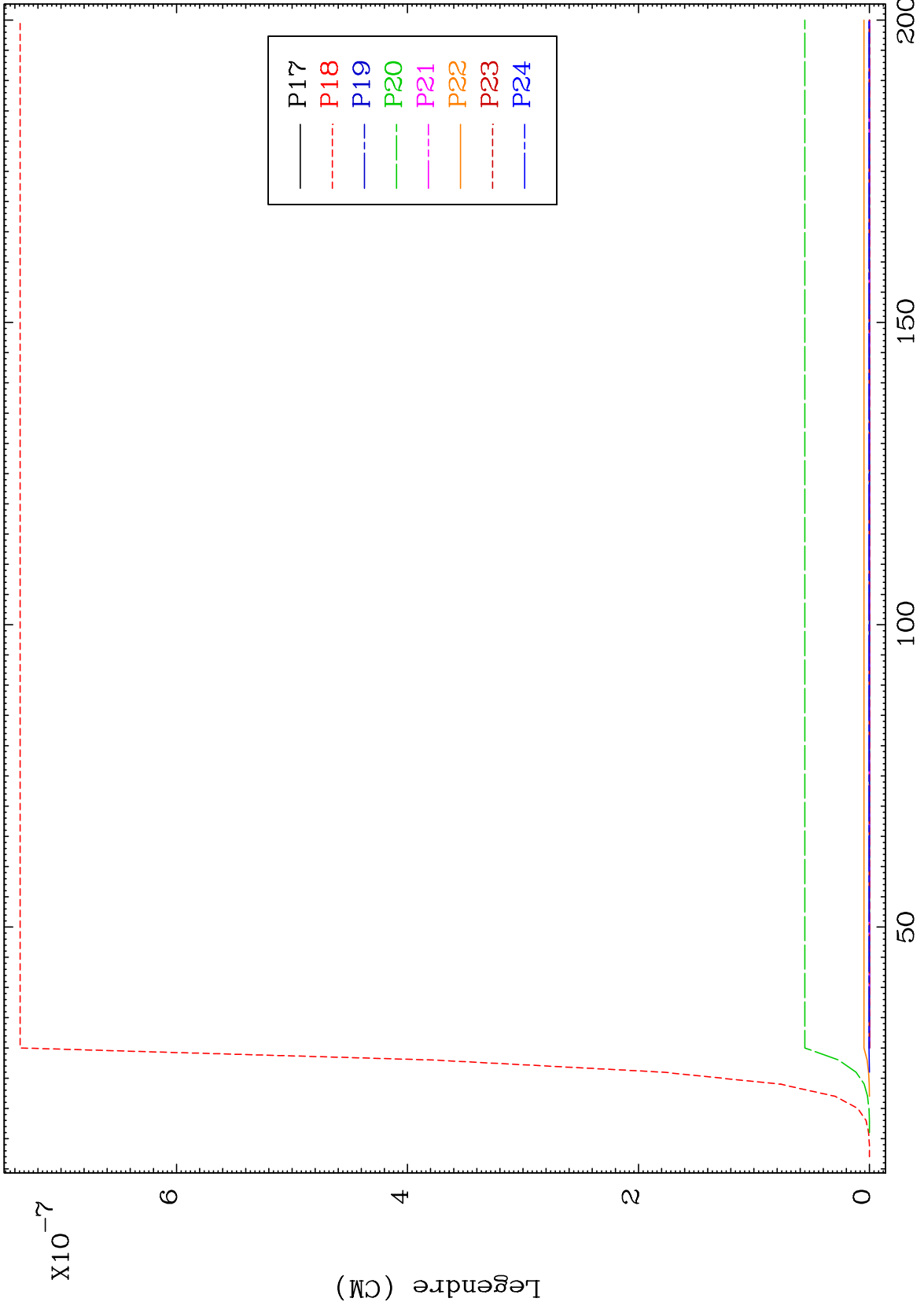


87

28-Ni-65



MAT 2846 MT= 73 (n,n') Level Legendre Coefficients 28-Ni-65

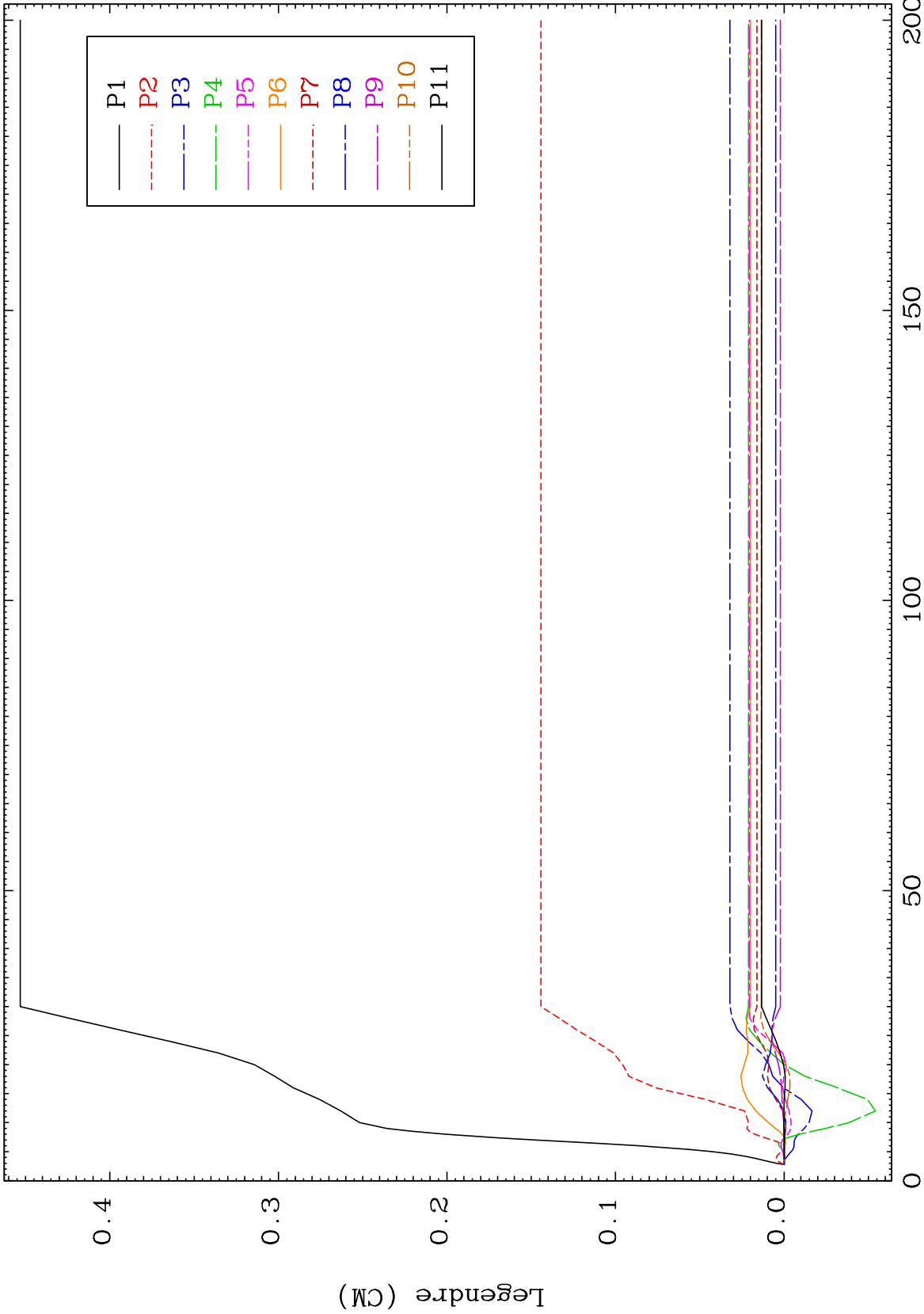


88 Incident Energy (MeV) 28-Ni-65

MAT 2846

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

28-Ni-65



89

Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



90

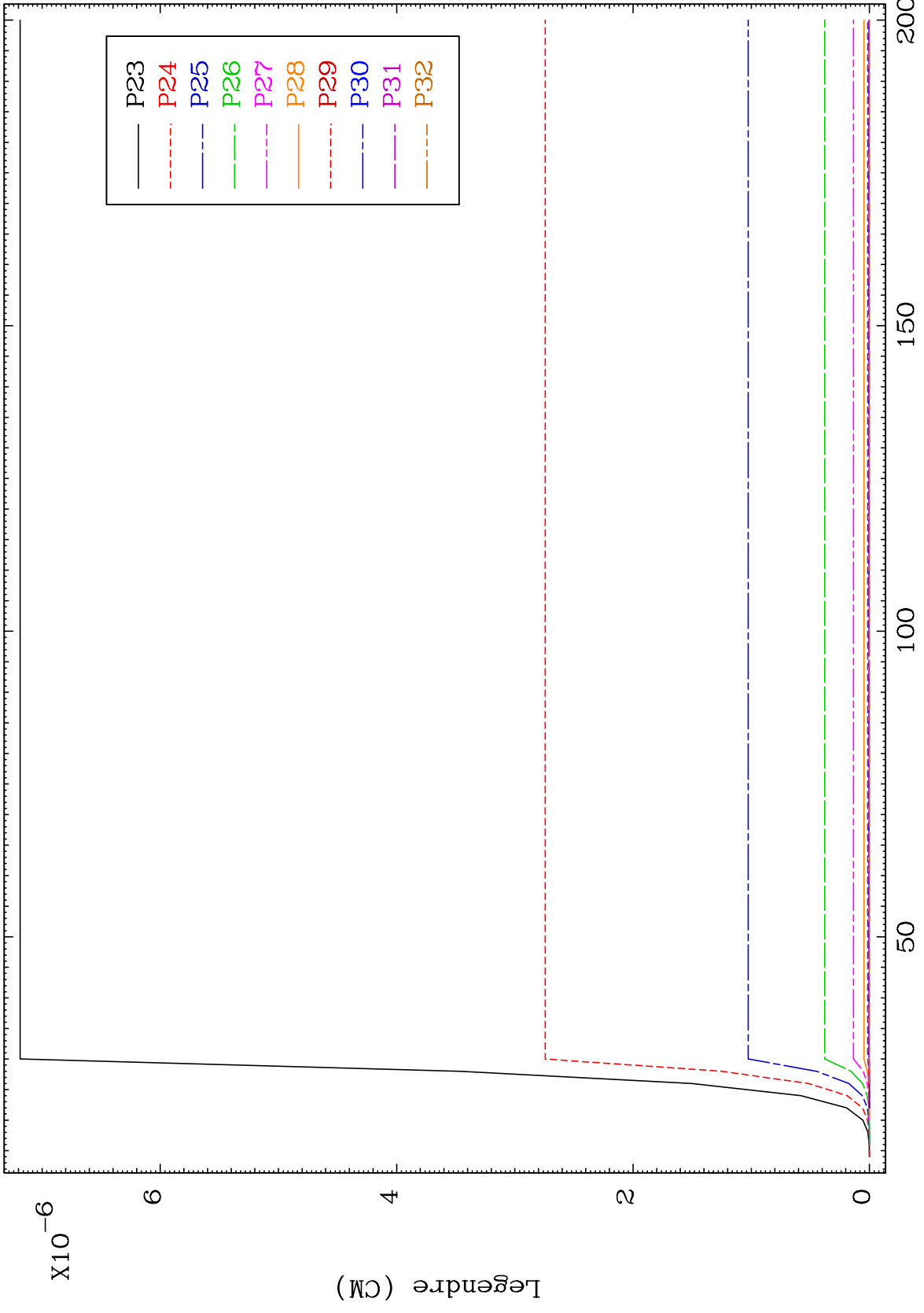
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



91

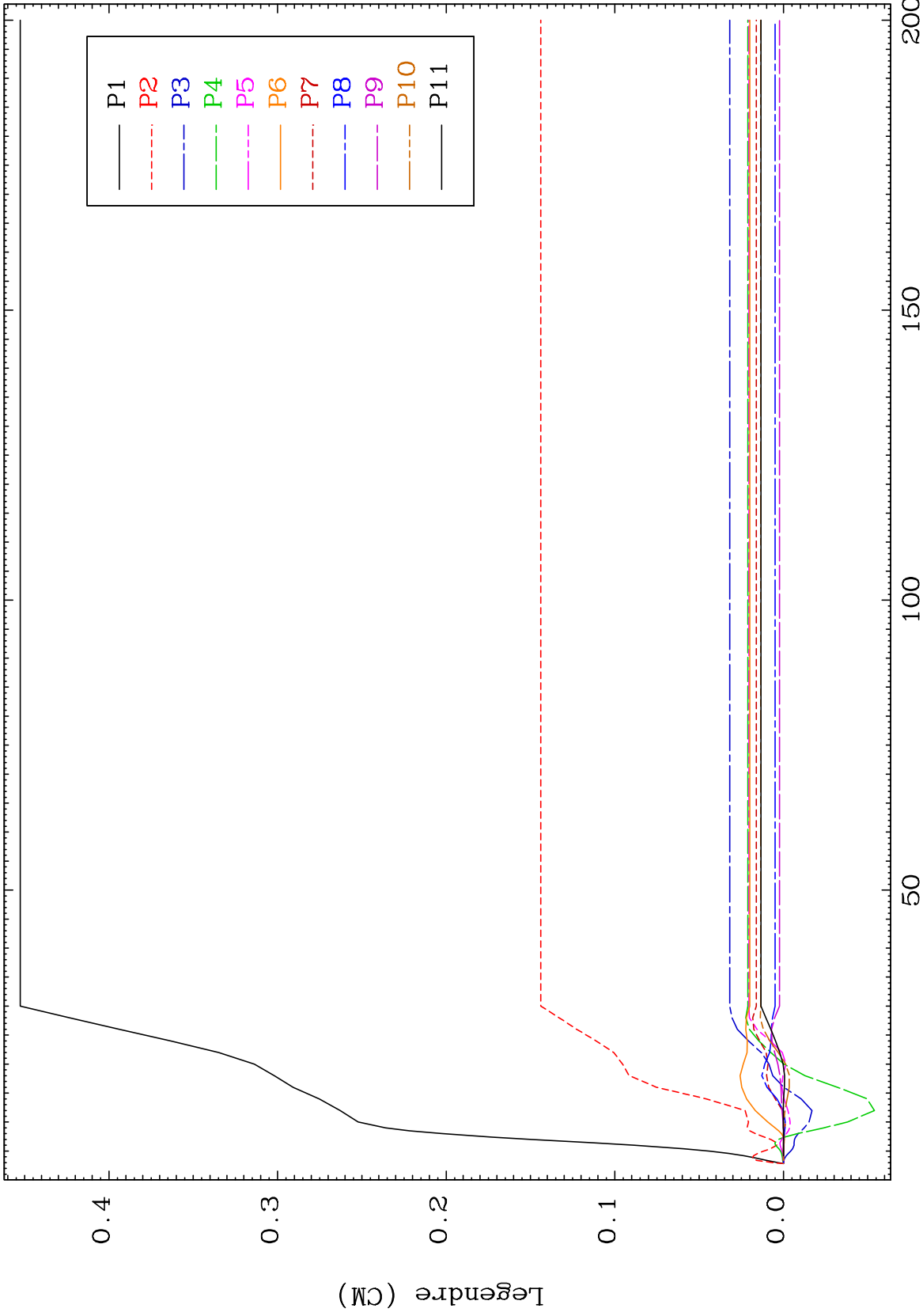
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



92

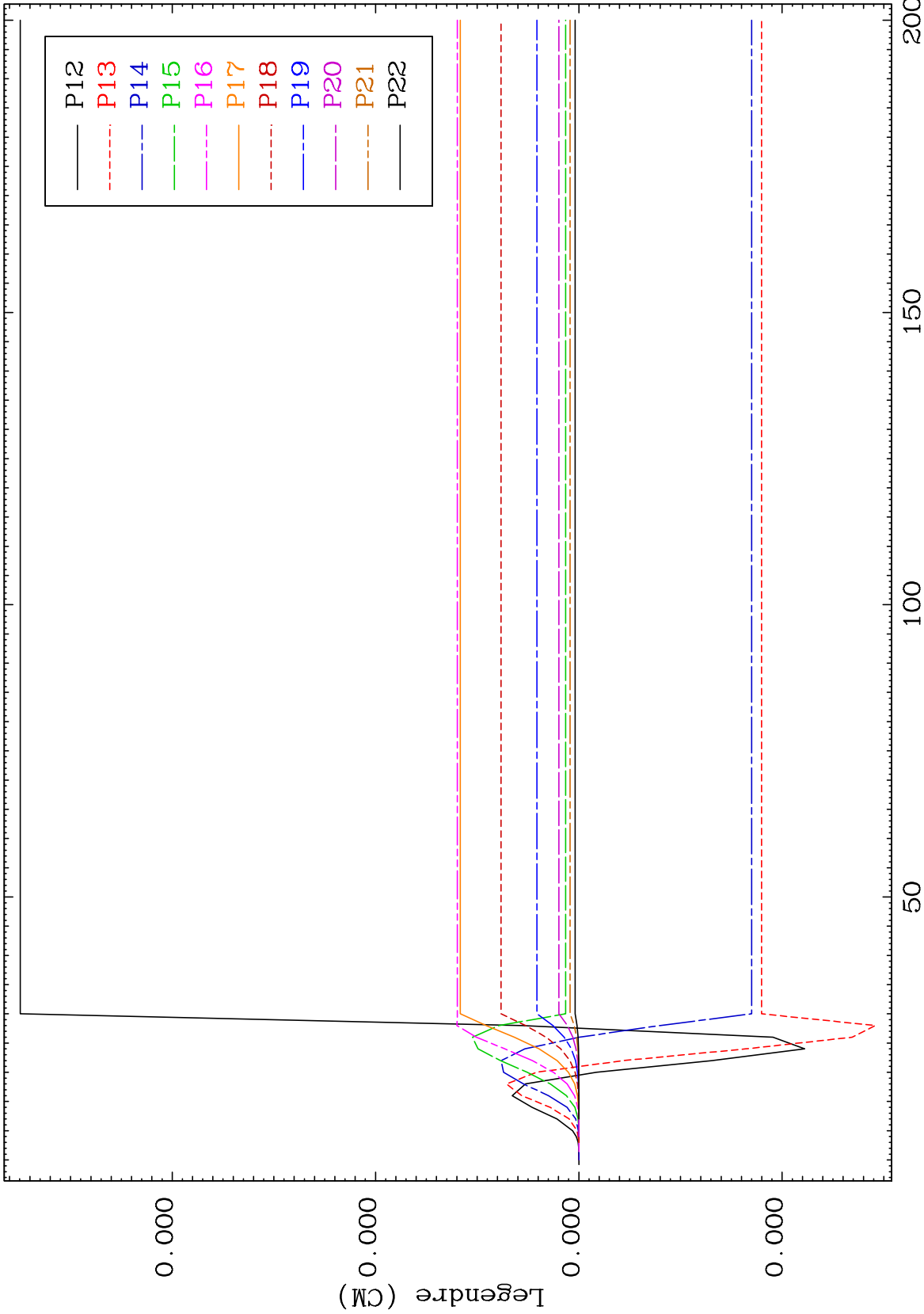
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



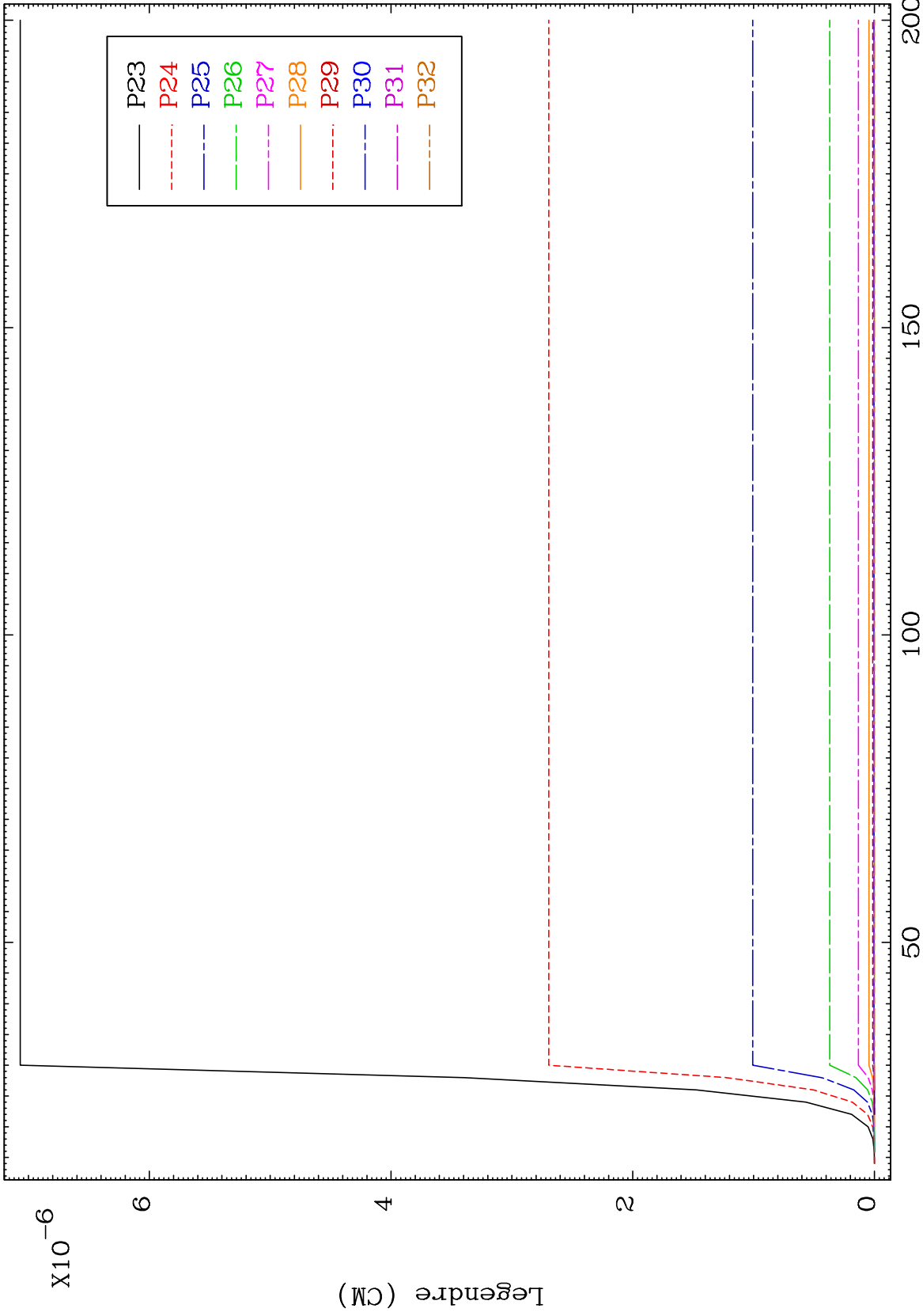
93

28-Ni-65

MAT 2846

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

28-Ni-65

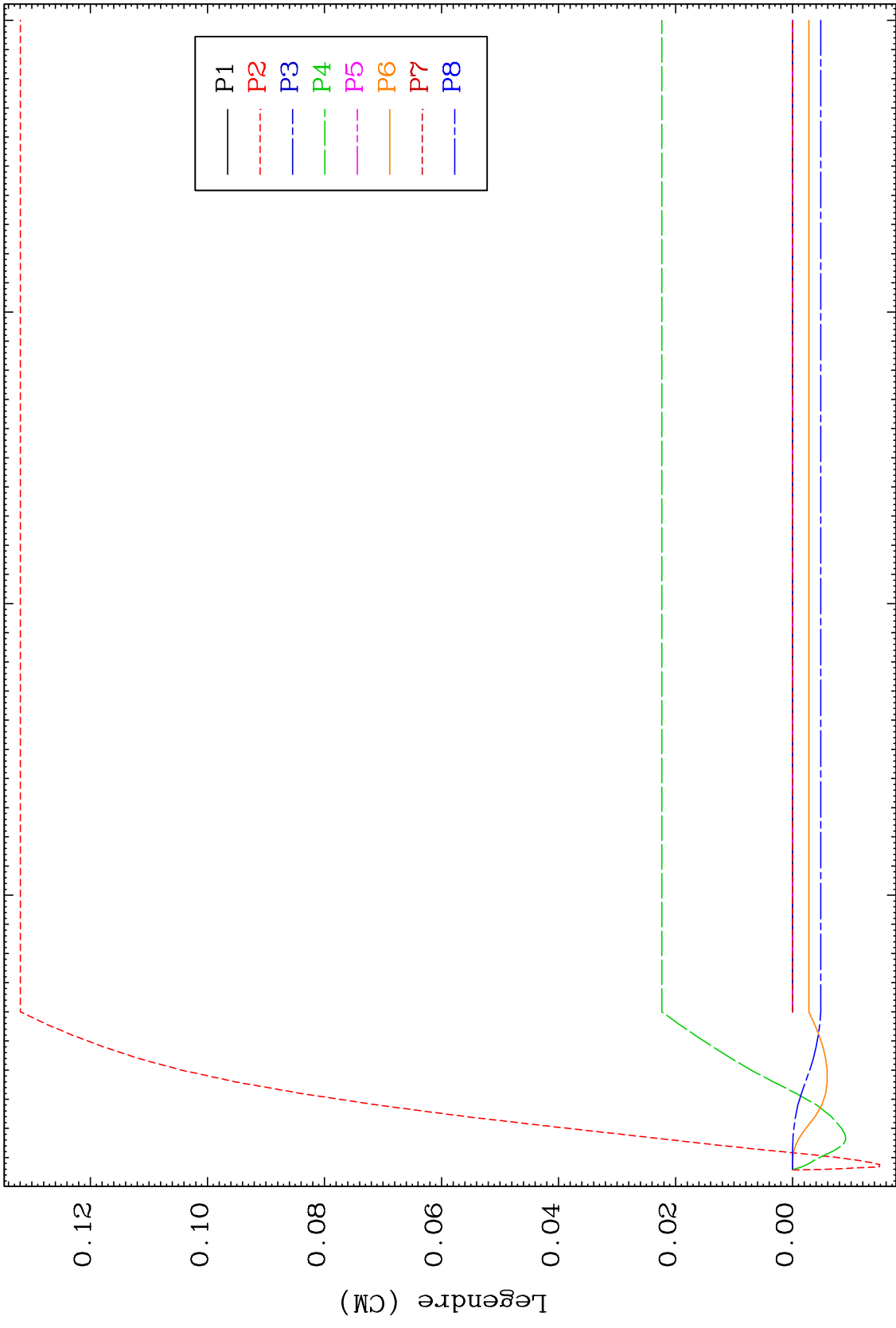


94

Incident Energy (MeV)

28-Ni-65

MAT 2846 MT= 76 (n,n') Level Legendre Coefficients 28-Ni-65



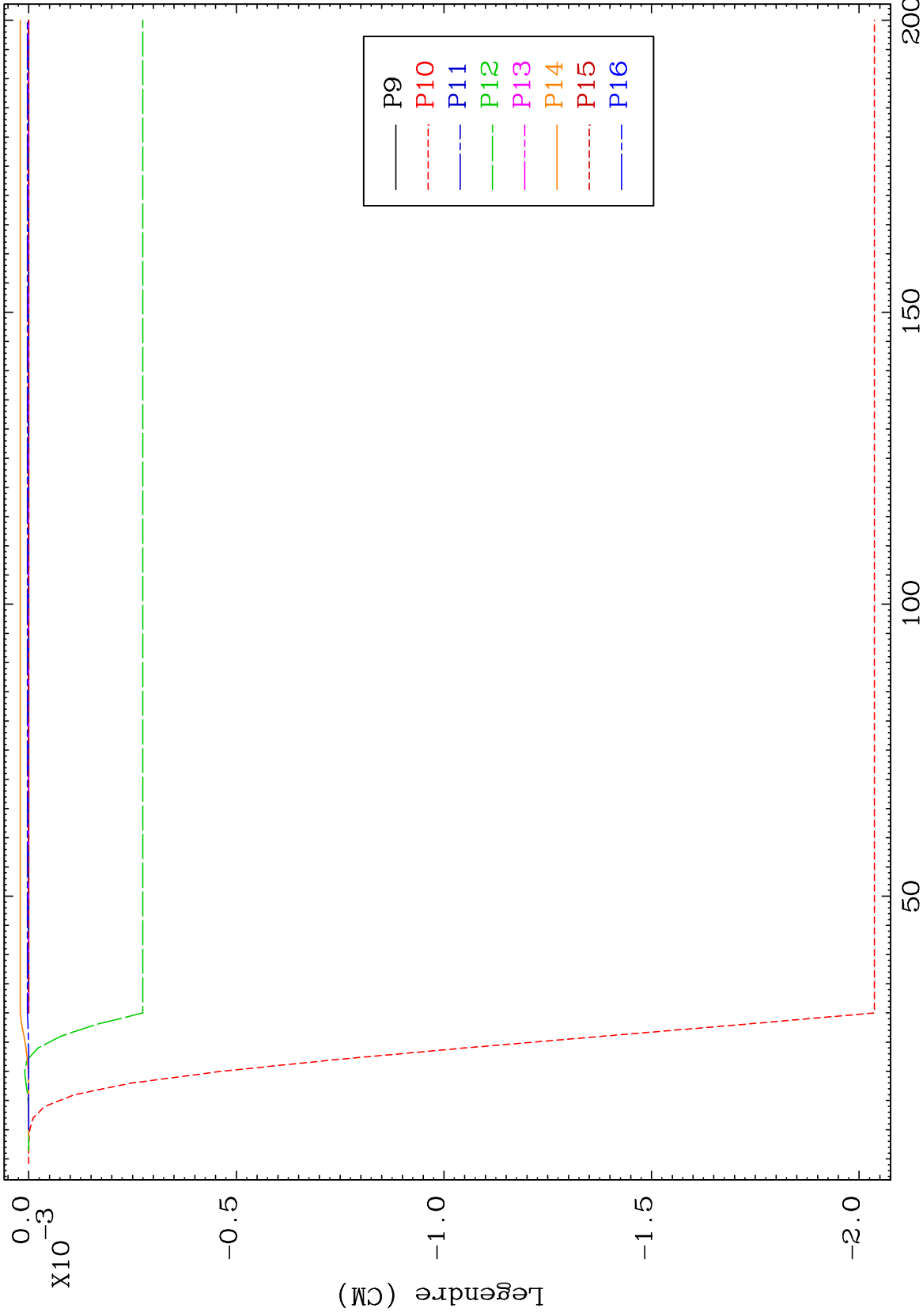
95 Incident Energy (MeV) 200 28-Ni-65



MAT 2846

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

28-Ni-65

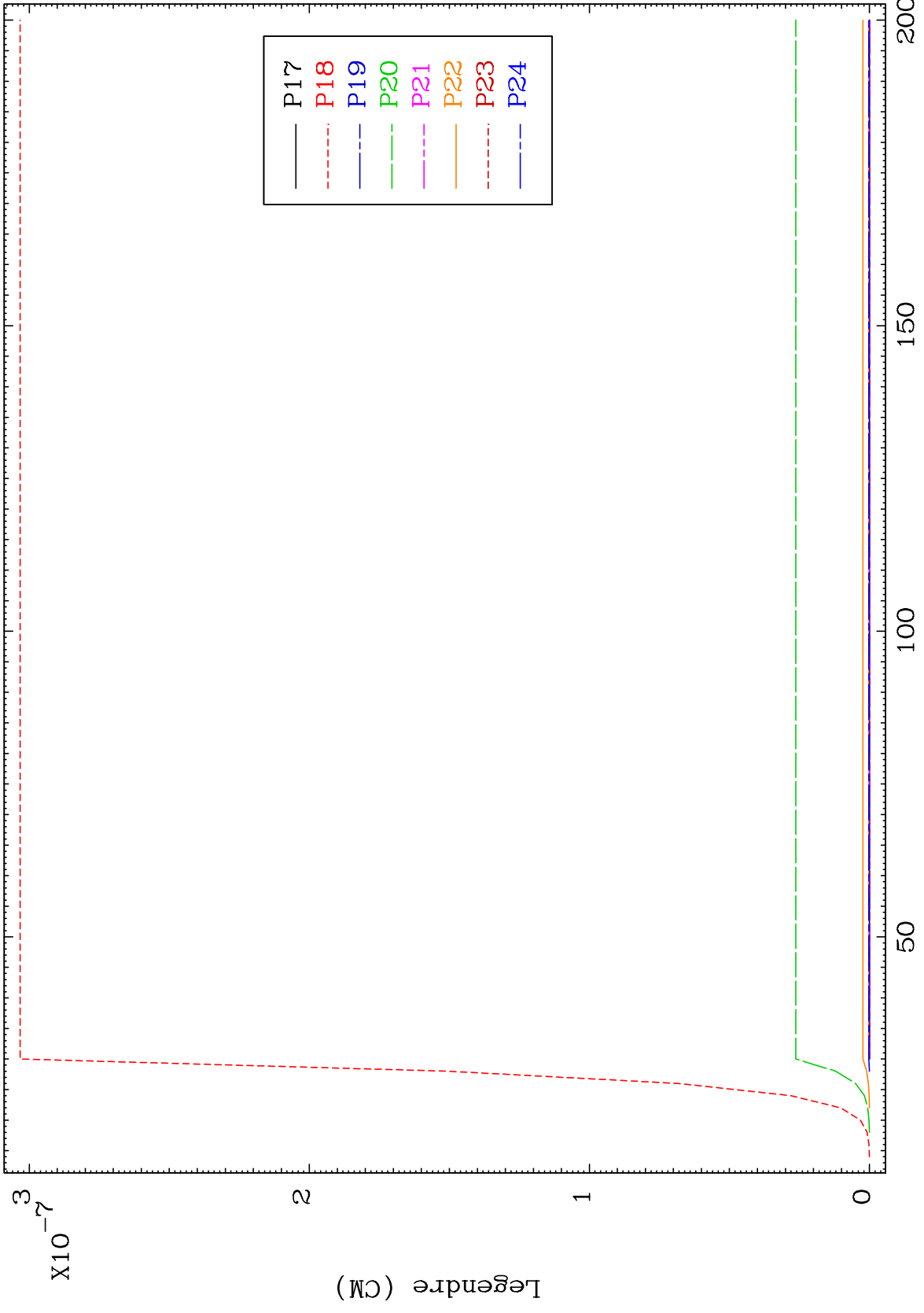


28-Ni-65

Incident Energy (MeV)

96

MAT 2846 MT= 76 (n,n') Level Legendre Coefficients 28-Ni-65

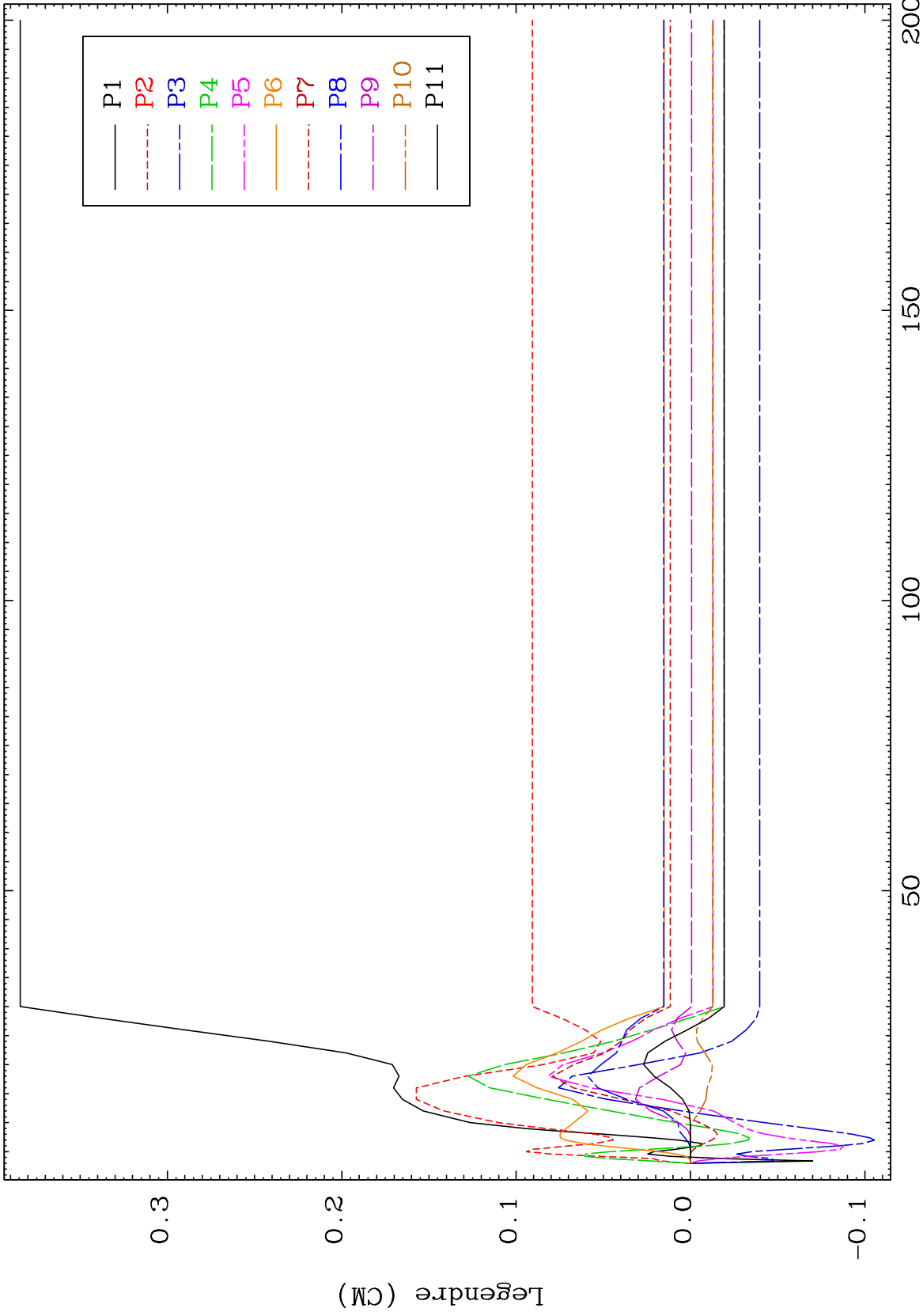


97 28-Ni-65

MAT 2846

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

28-Ni-65



98

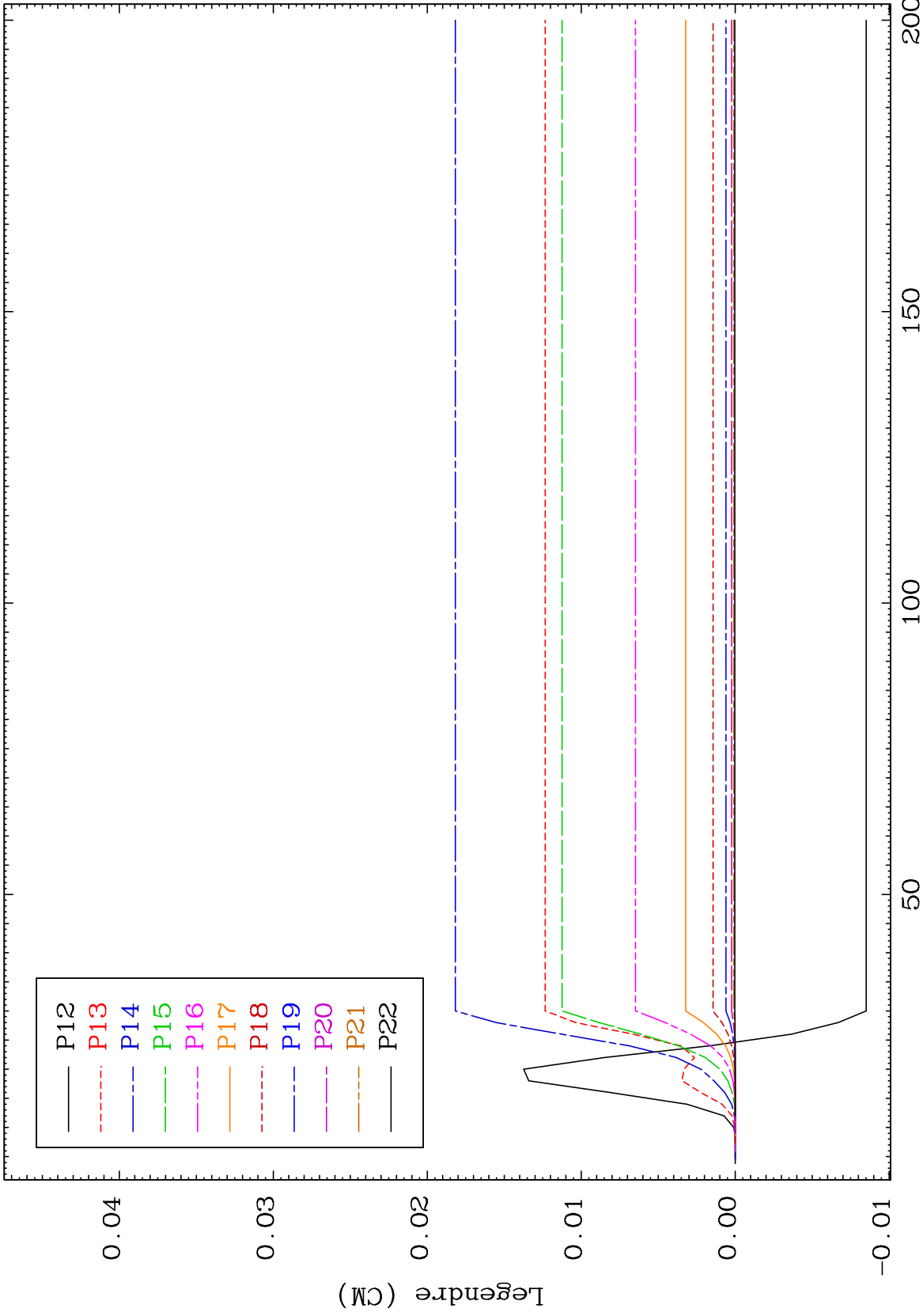
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



99

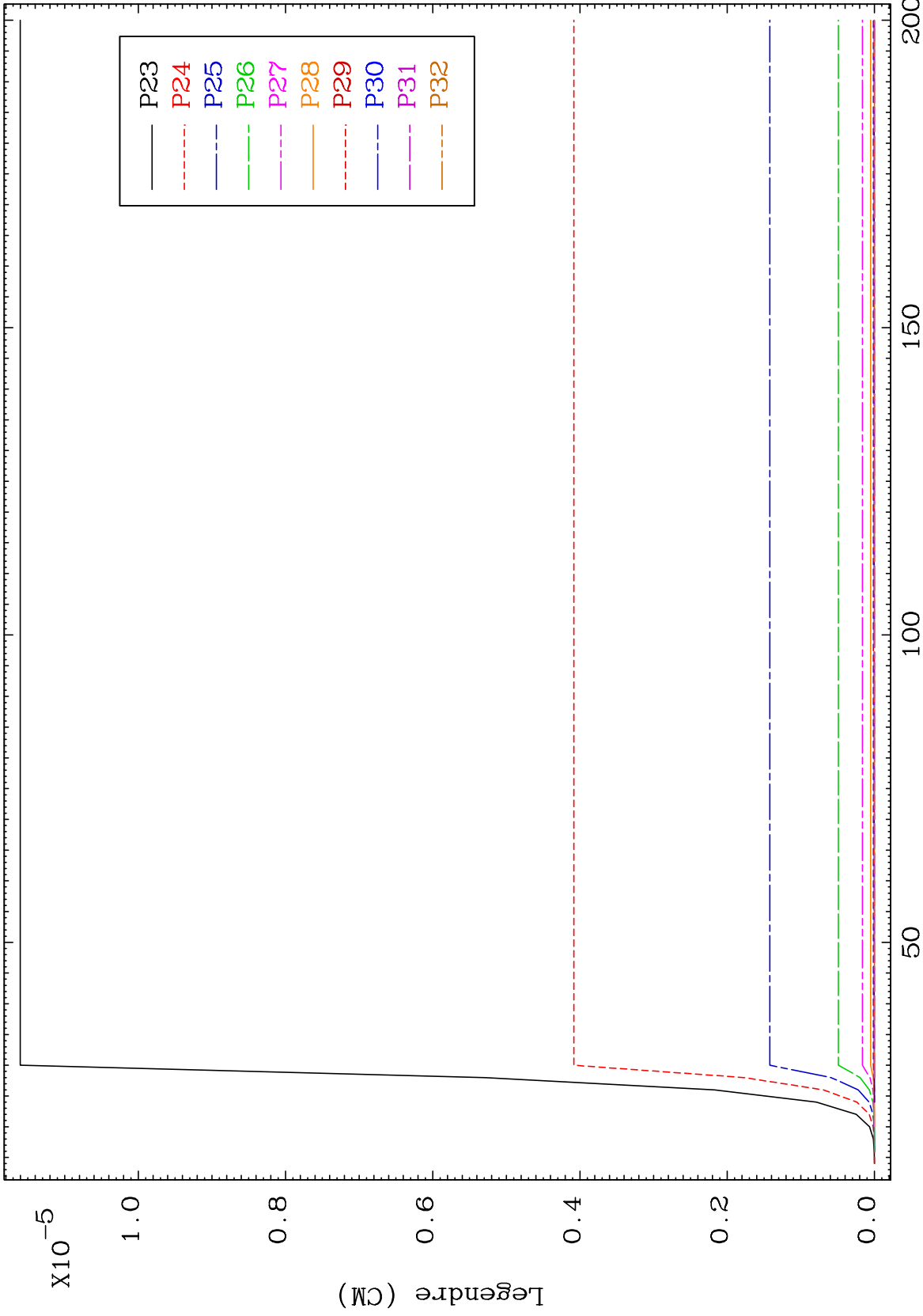
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65

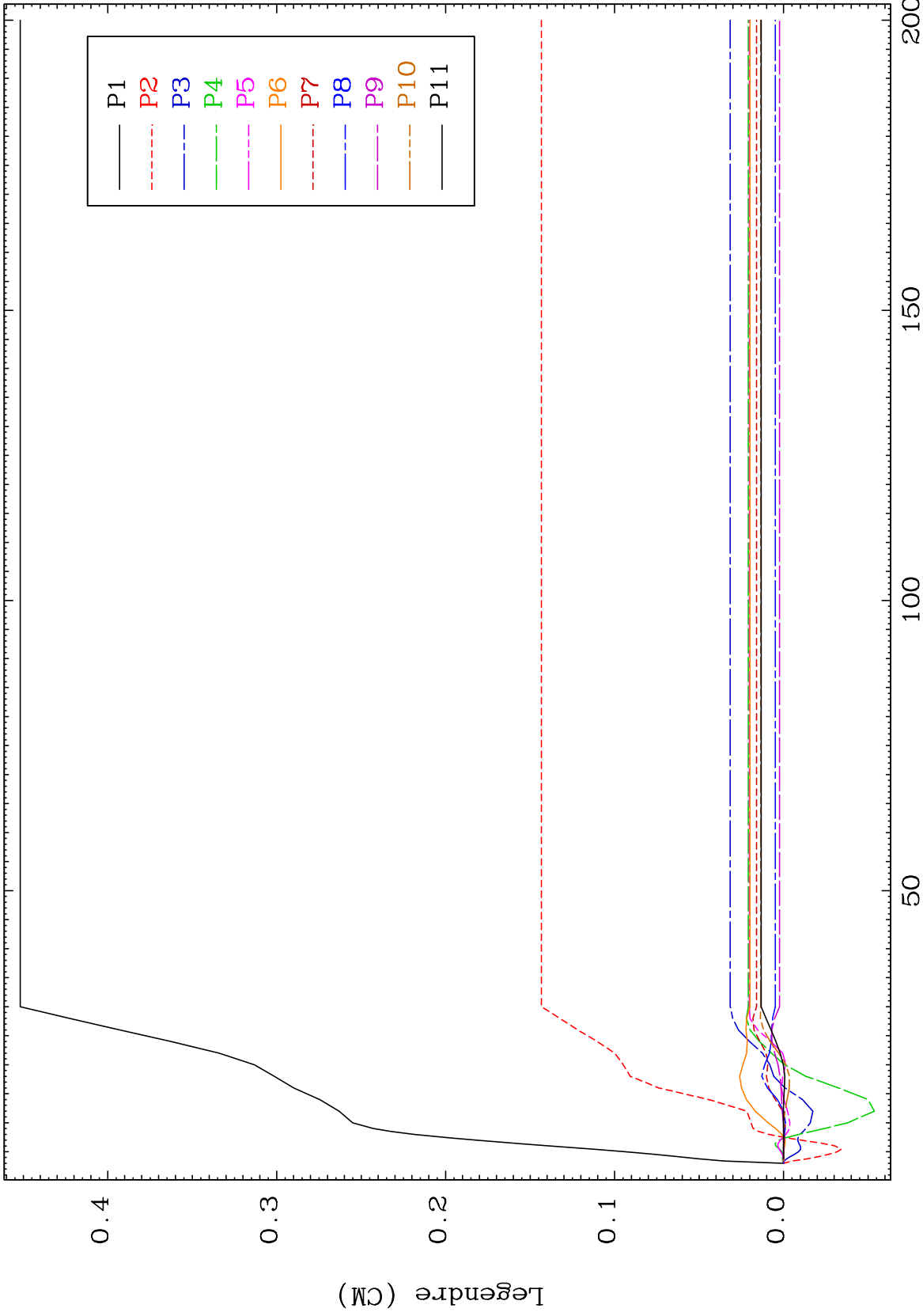


28-Ni-65

MAT 2846

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

28-Ni-65



101

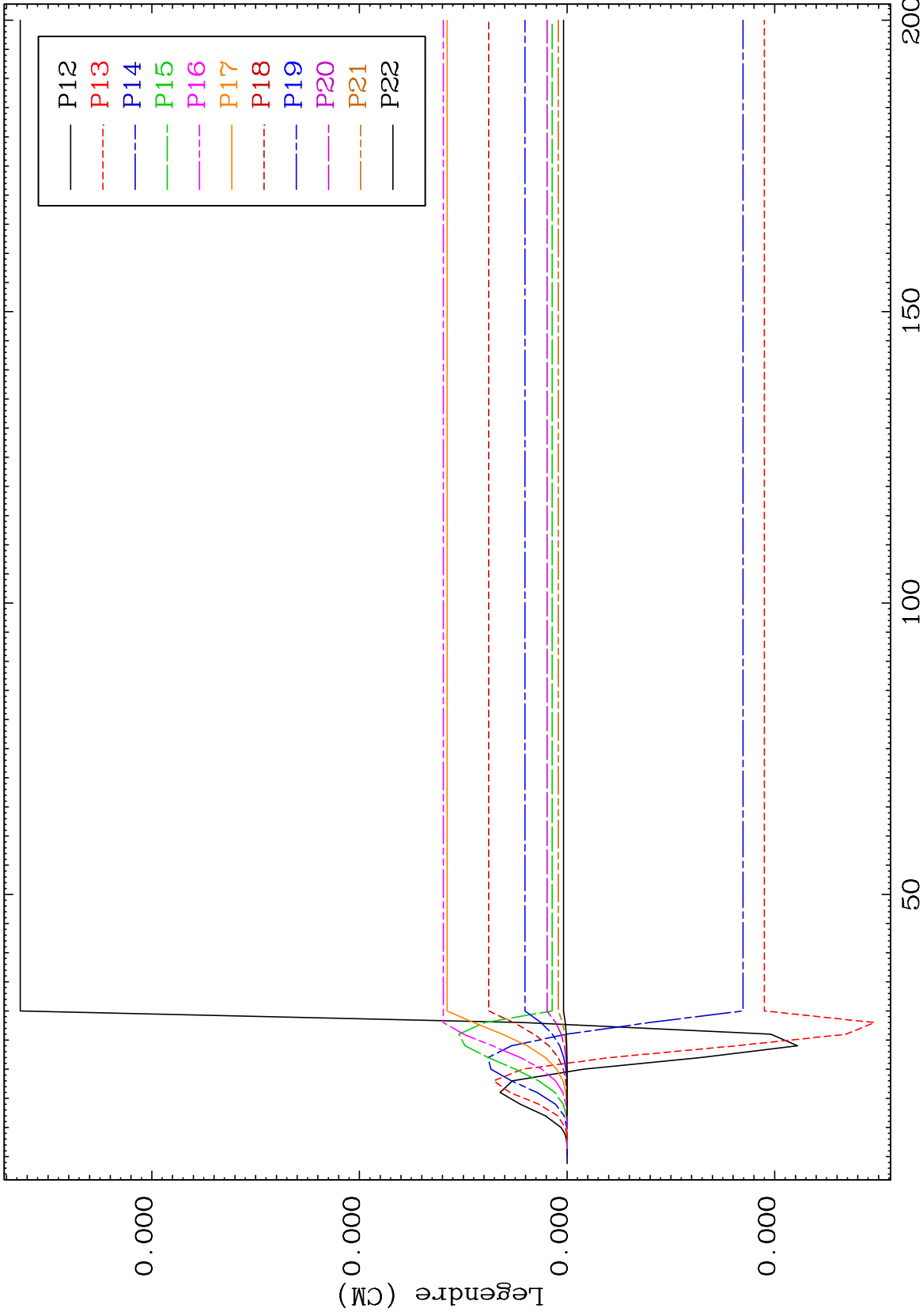
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



102

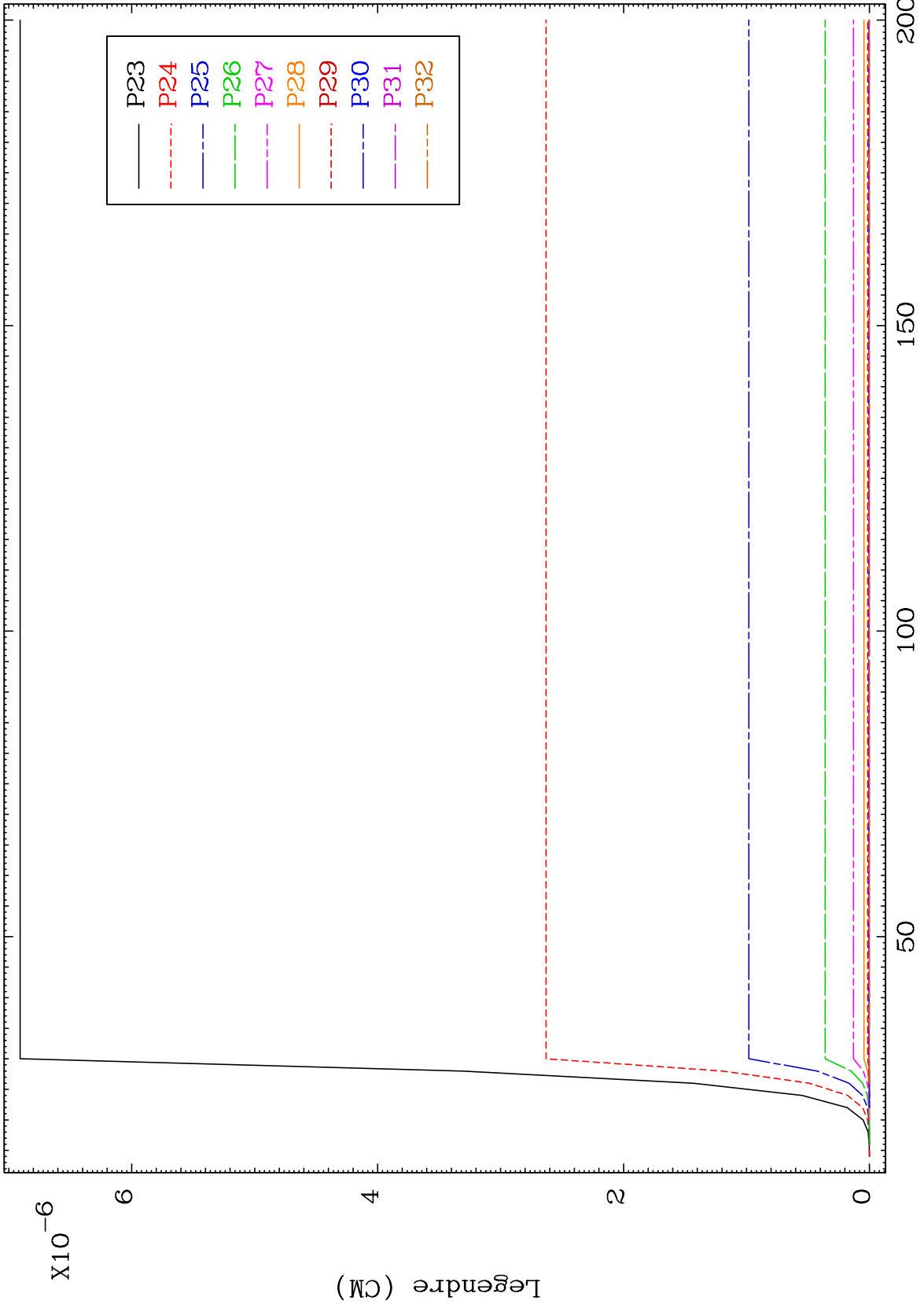
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



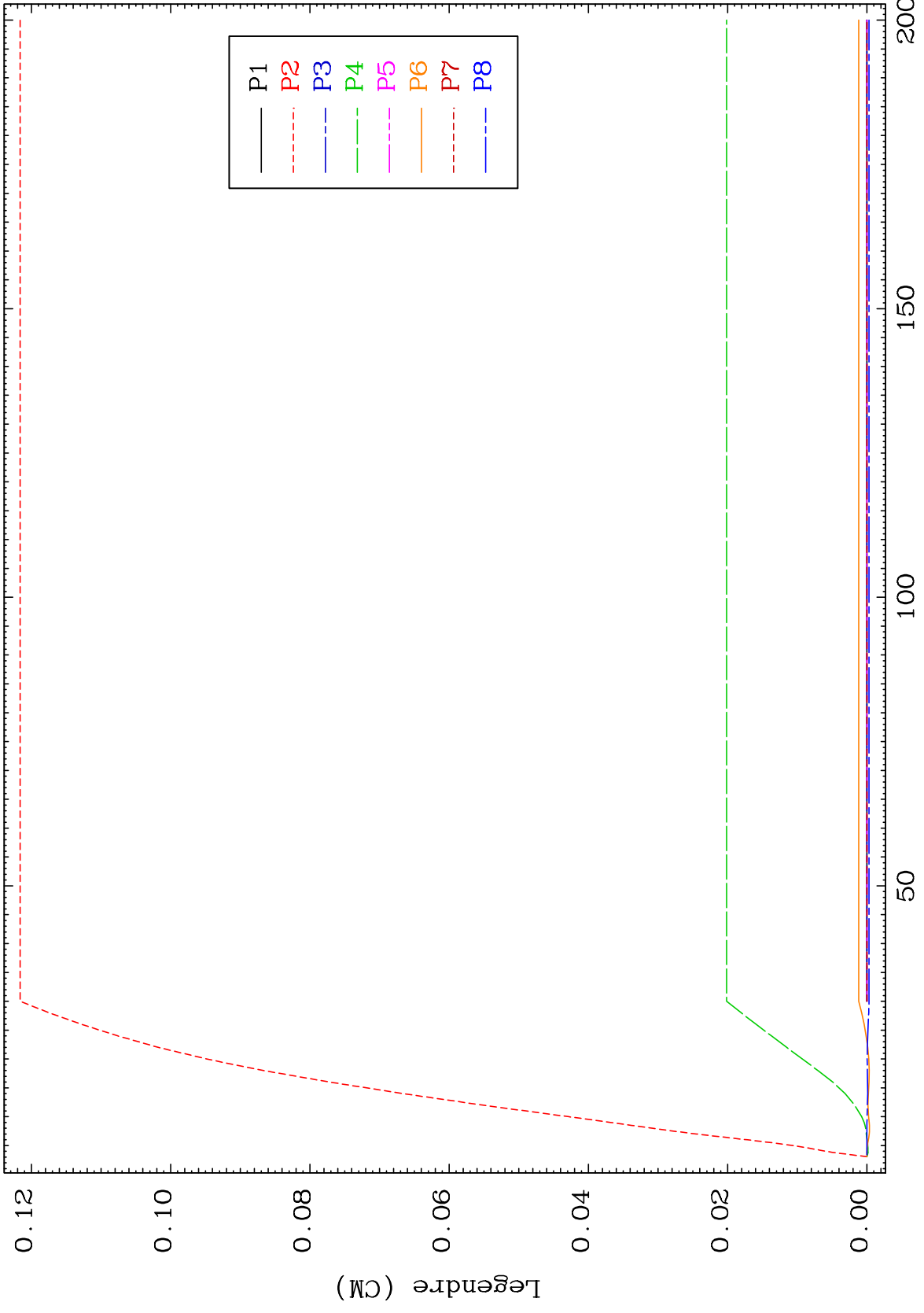
103

Incident Energy (MeV)

28-Ni-65



MAT 2846 MT= 79 (n,n') Level Legendre Coefficients 28-Ni-65

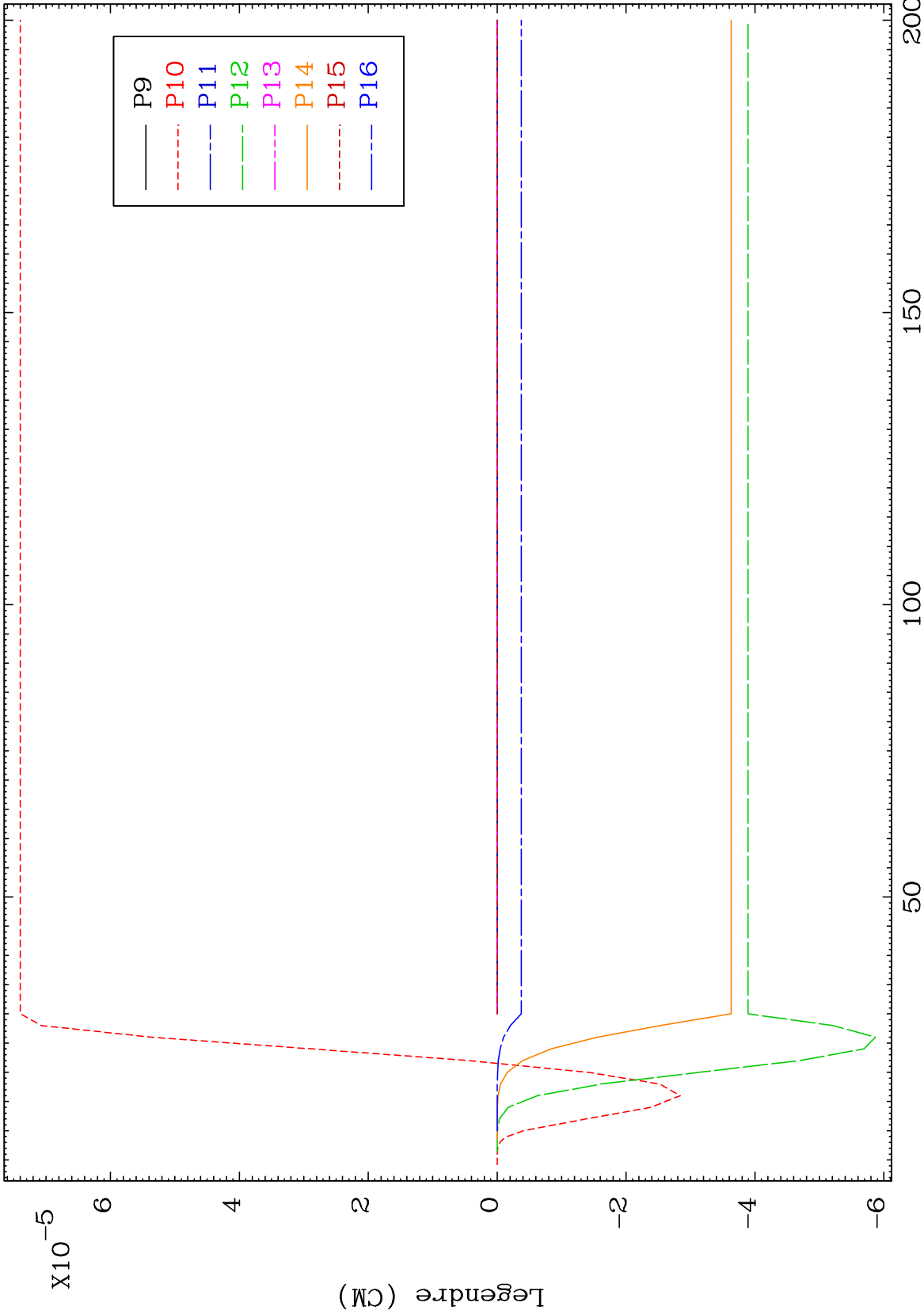


104 Incident Energy (MeV) 28-Ni-65

MAT 2846

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

28-Ni-65



105

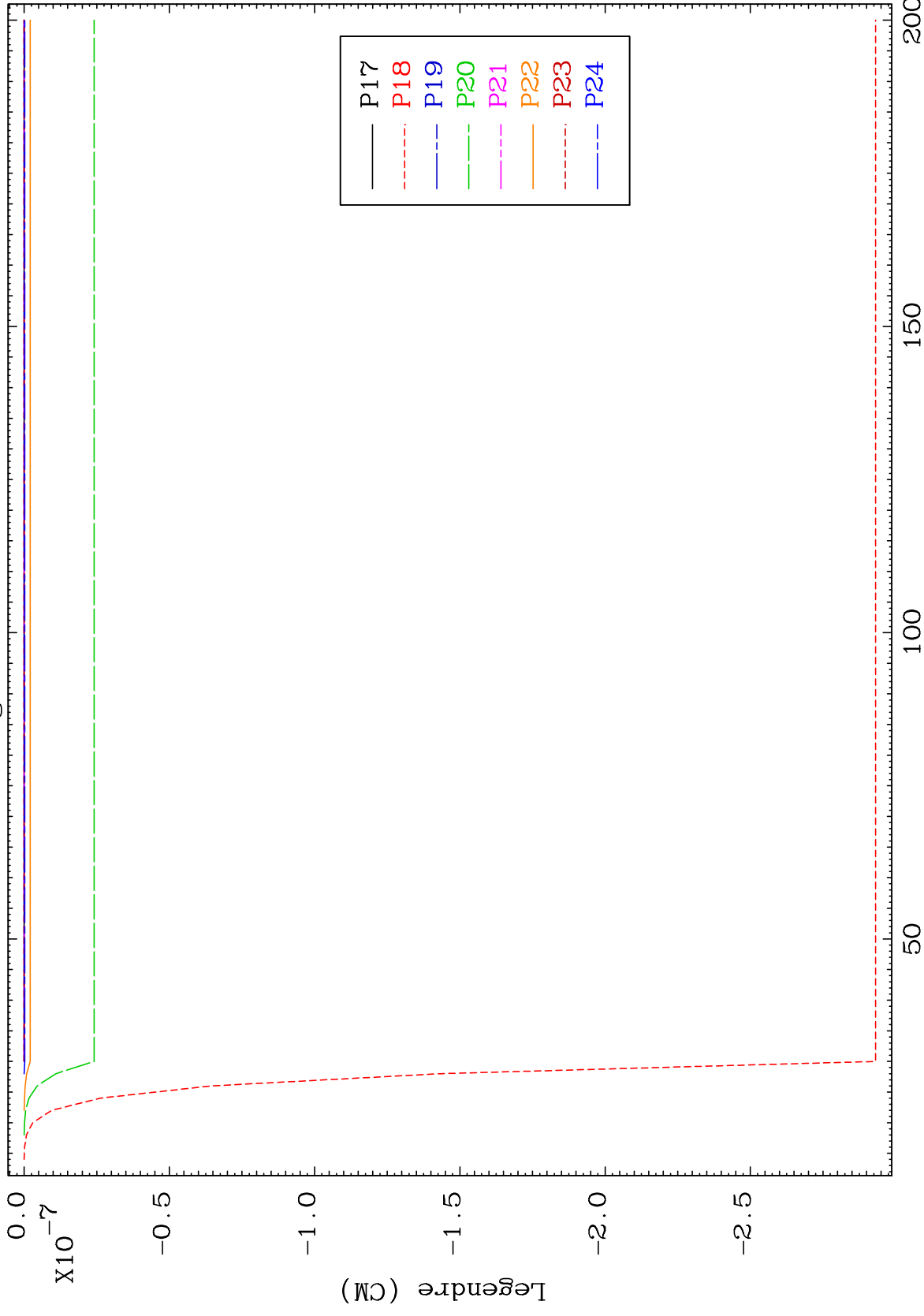
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



28-Ni-65

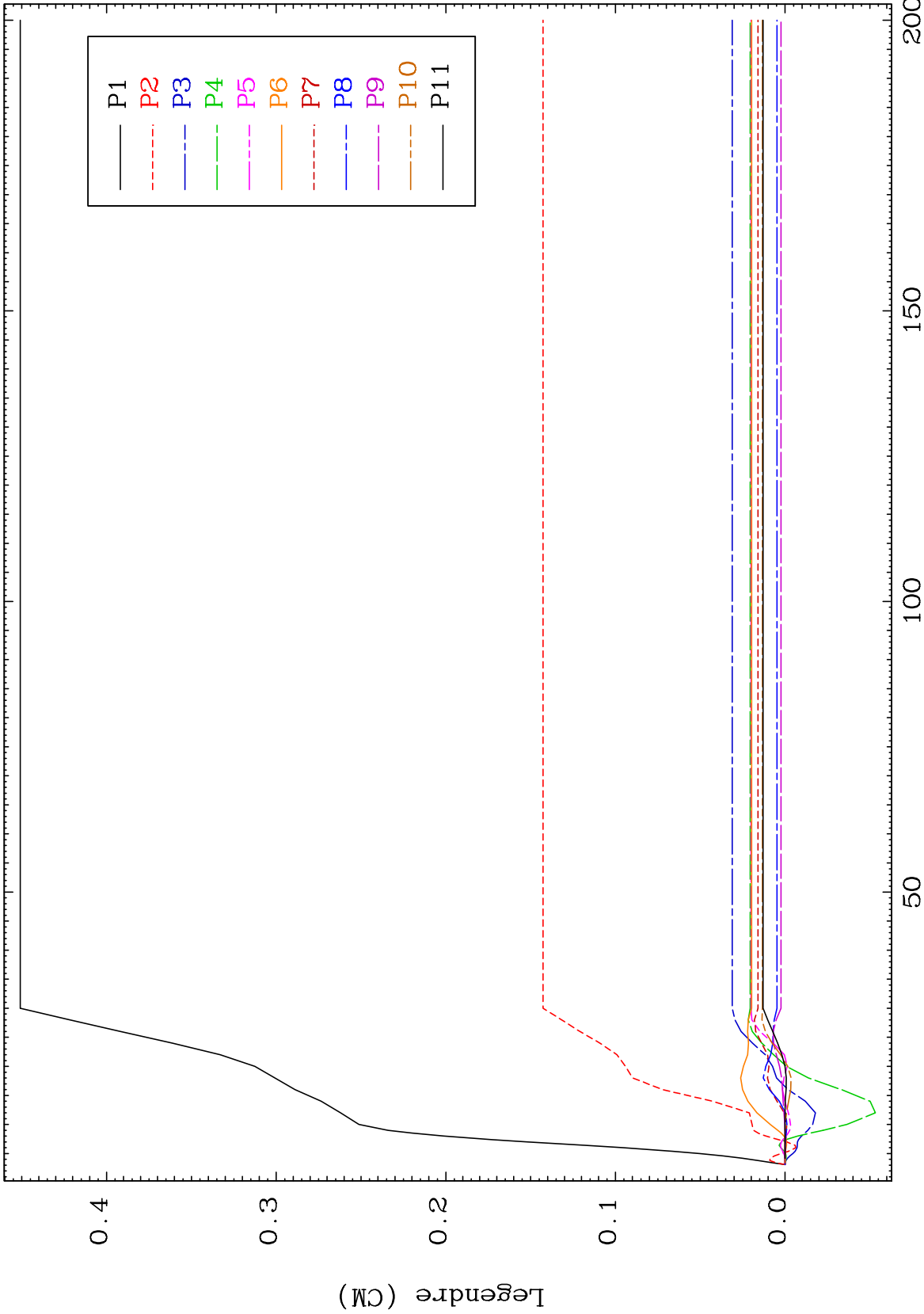
Incident Energy (MeV)

106

MAT 2846

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

28-Ni-65



107

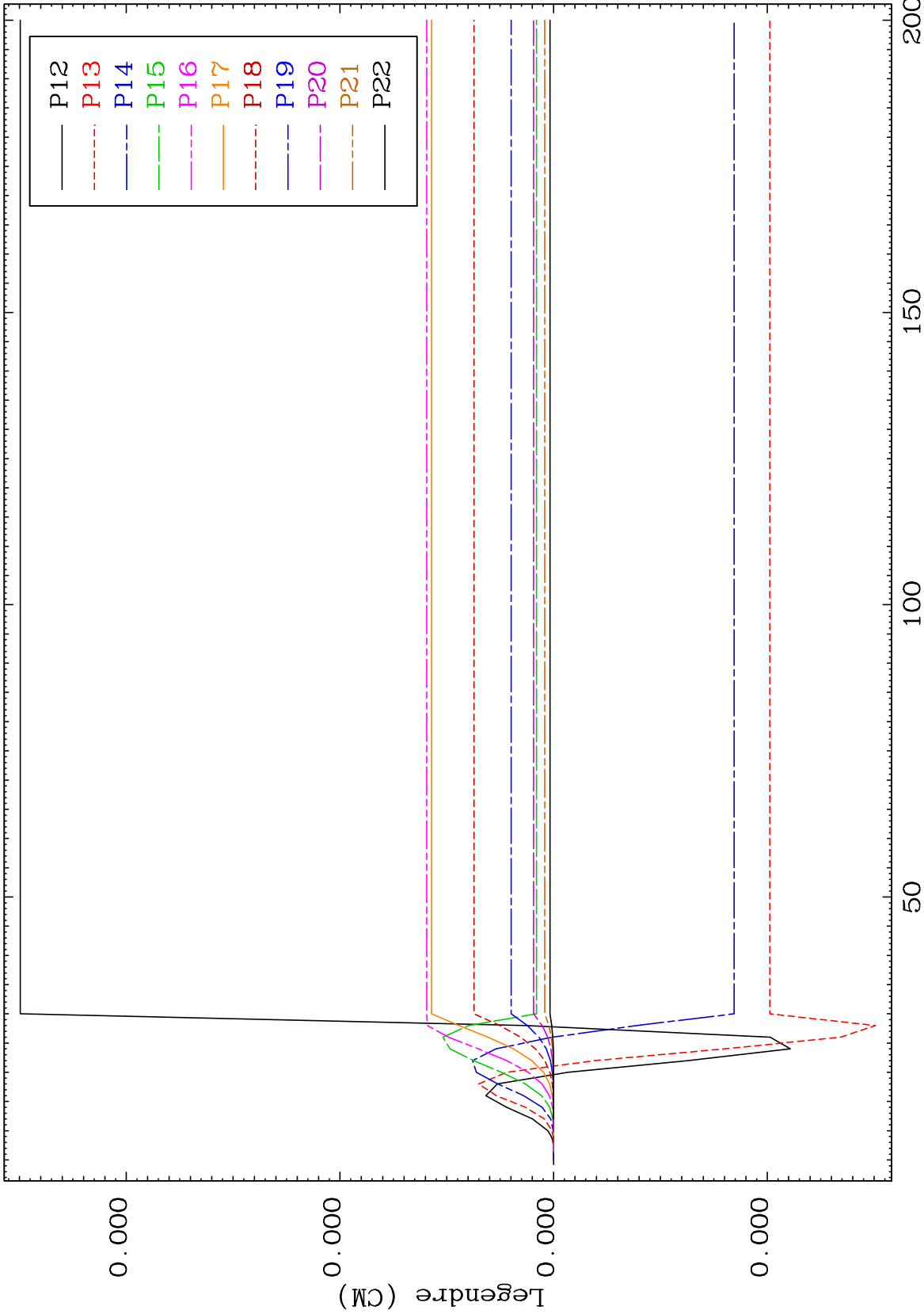
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



108

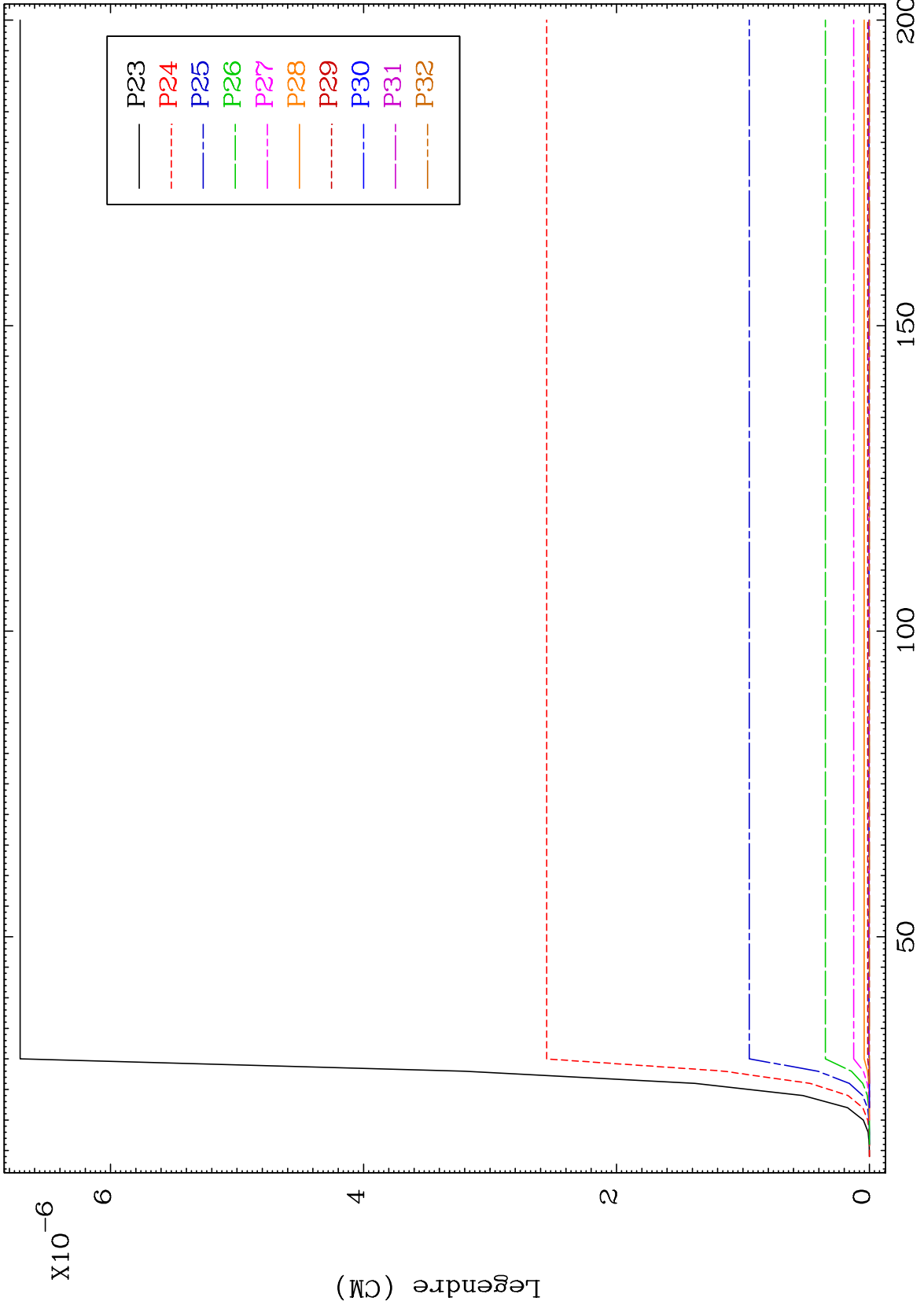
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



109

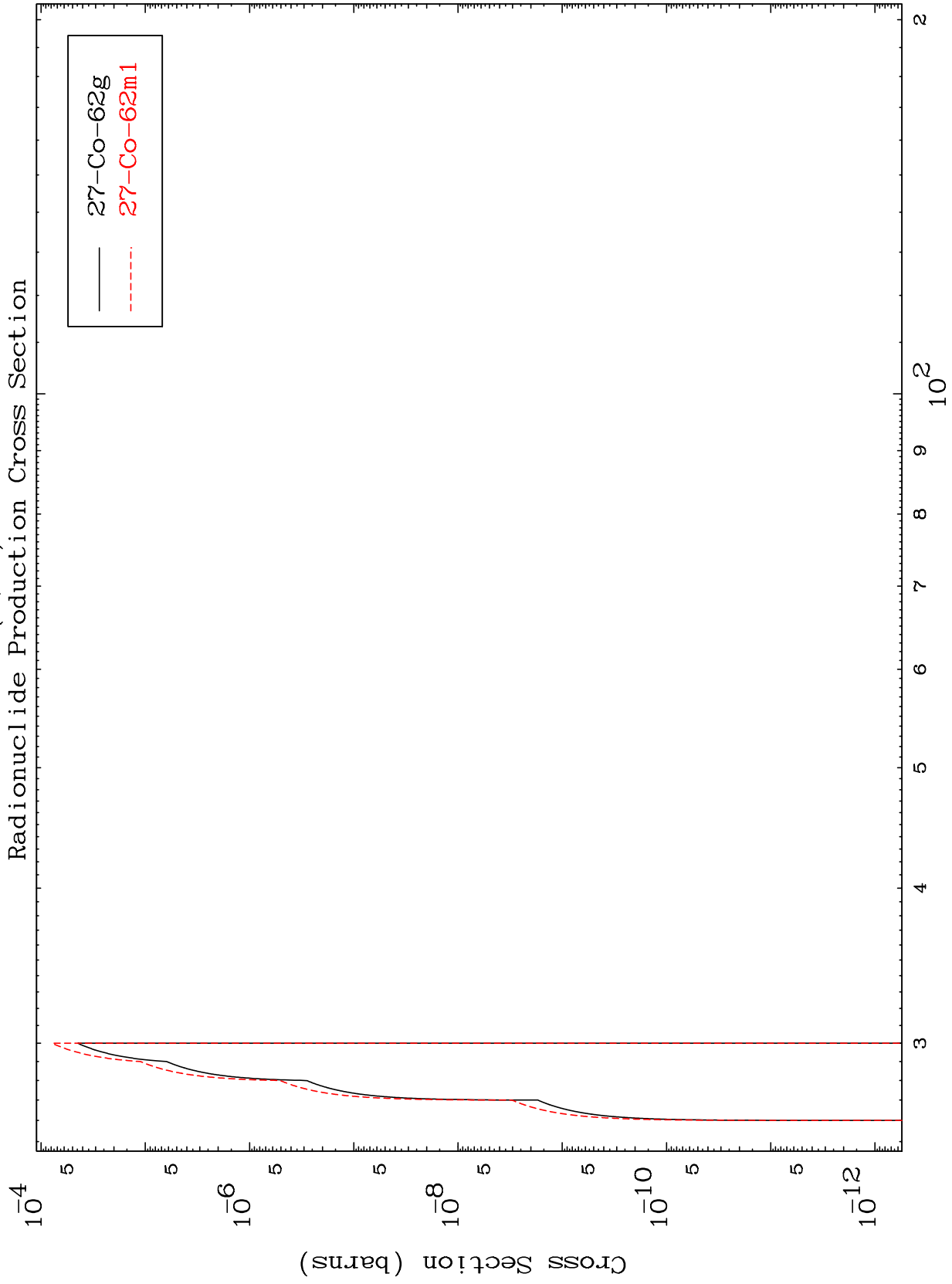
Incident Energy (MeV)

28-Ni-65

MAT 2846

(n,2n) d

28-Ni-65



28-Ni-65

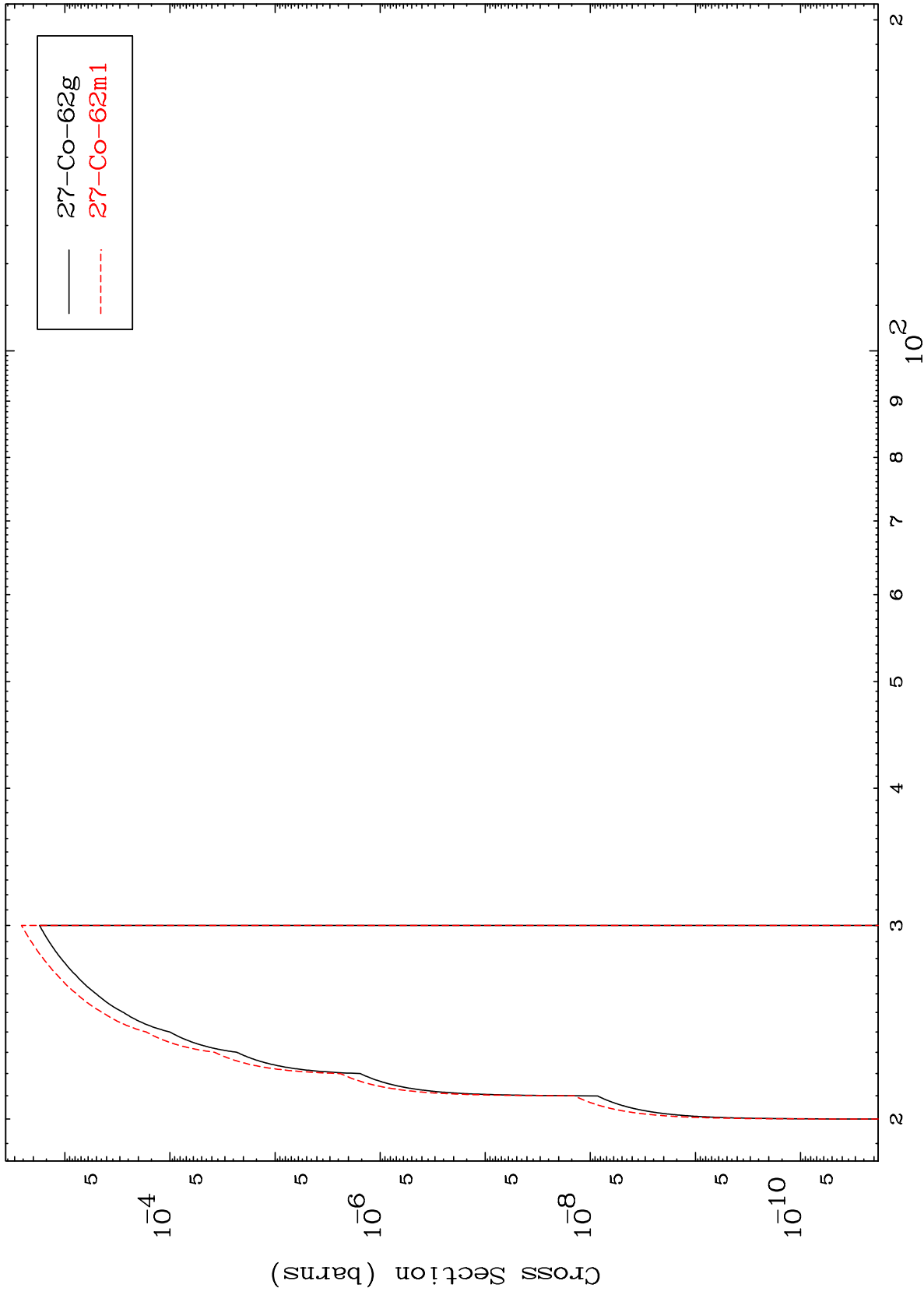
110

MAT 2846

(n,n') t

<sup>28</sup>Ni-65

Radionuclide Production Cross Section



111

Incident Energy (MeV)

<sup>28</sup>Ni-65

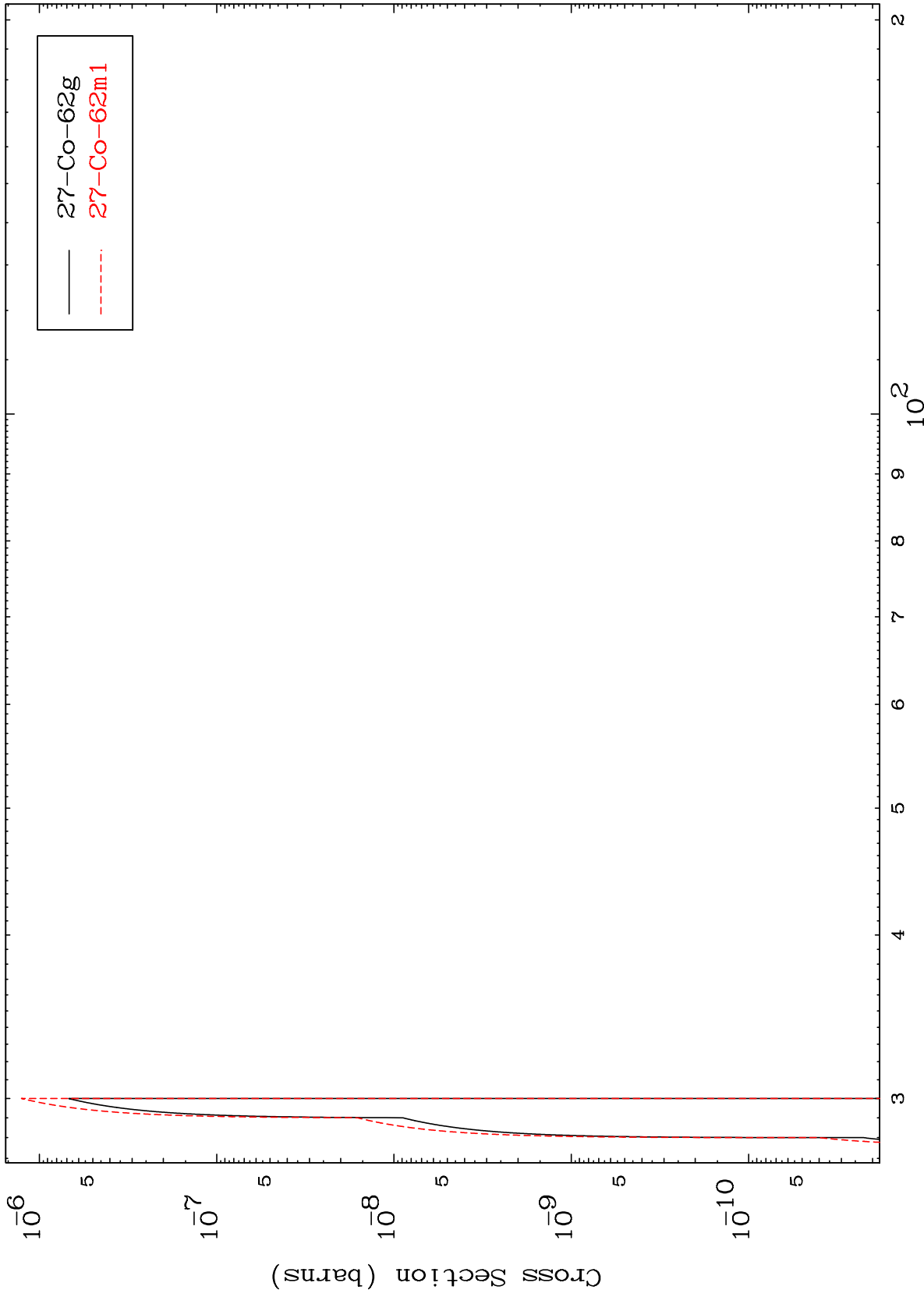


MAT 2846

(n,3n) p

28-Ni-65

Radionuclide Production Cross Section



112

Incident Energy (MeV)

28-Ni-65