

Program EVALPLOT  
(Version 2018-1)

by

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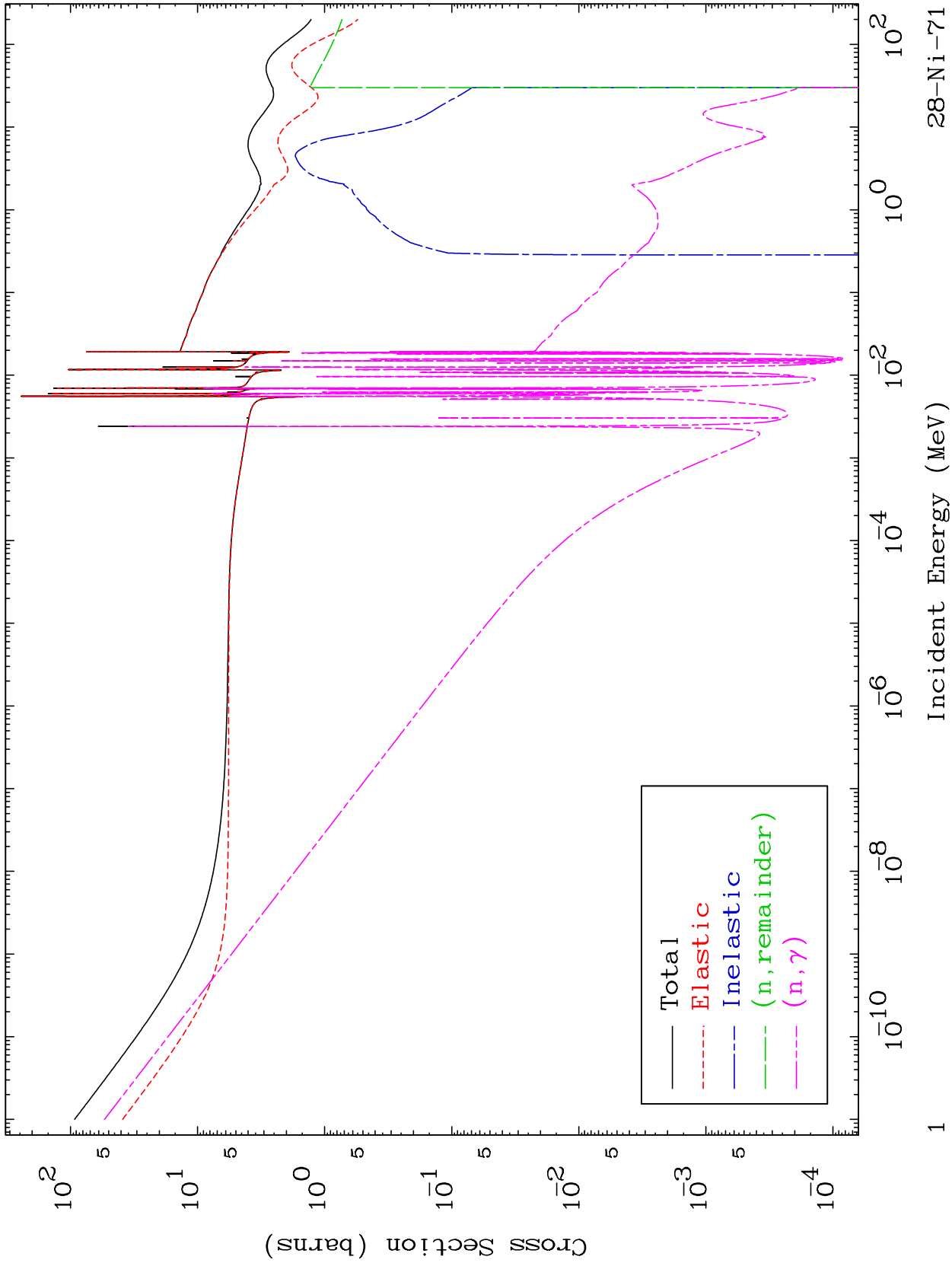
Press Mouse Button to Start

MAT 2864

Major

293 Kelvin Cross Sections

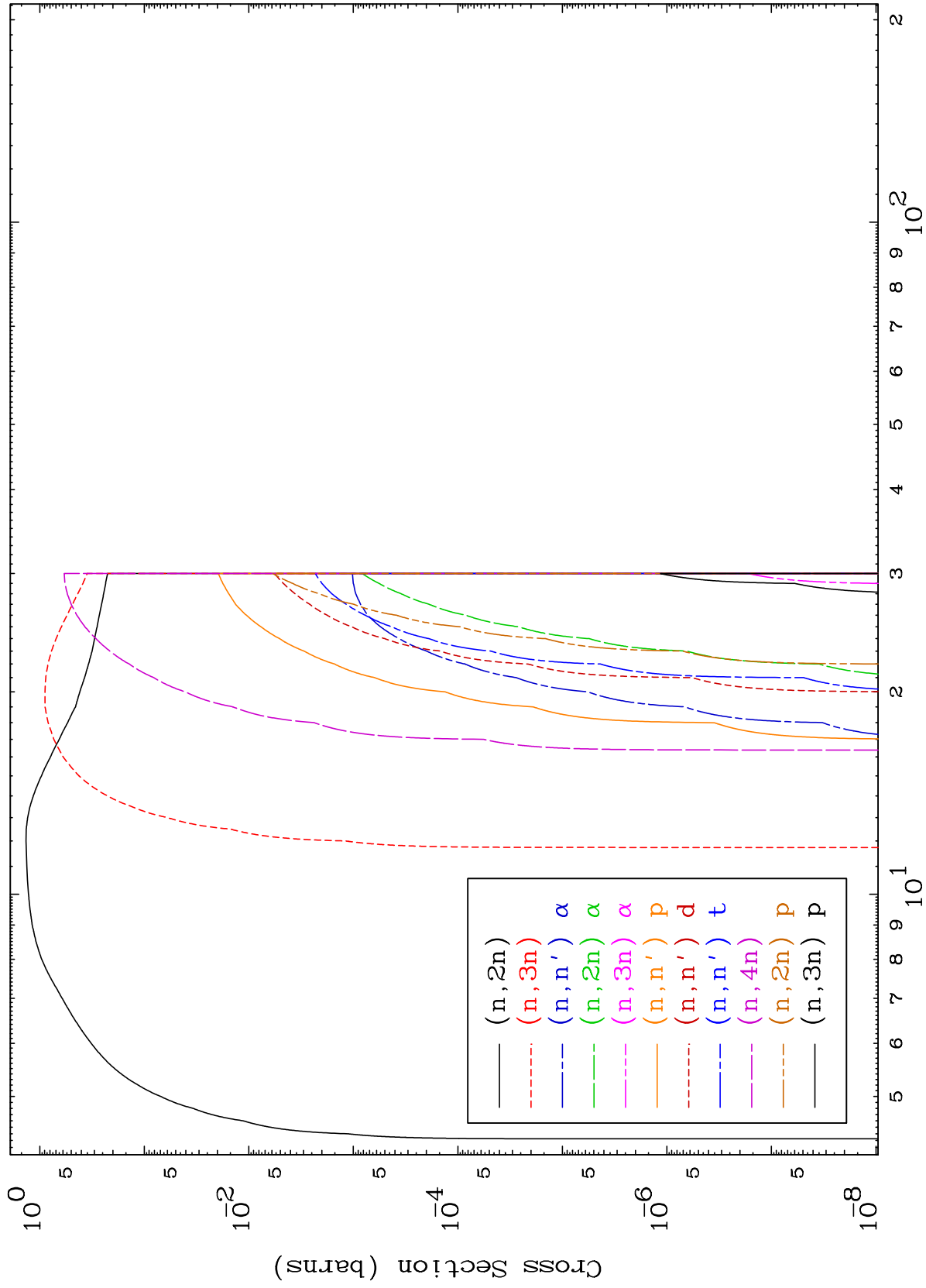
28-Ni-71



MAT 2864

Neutron Production  
293 Kelvin Cross Sections

28-Ni-71



2

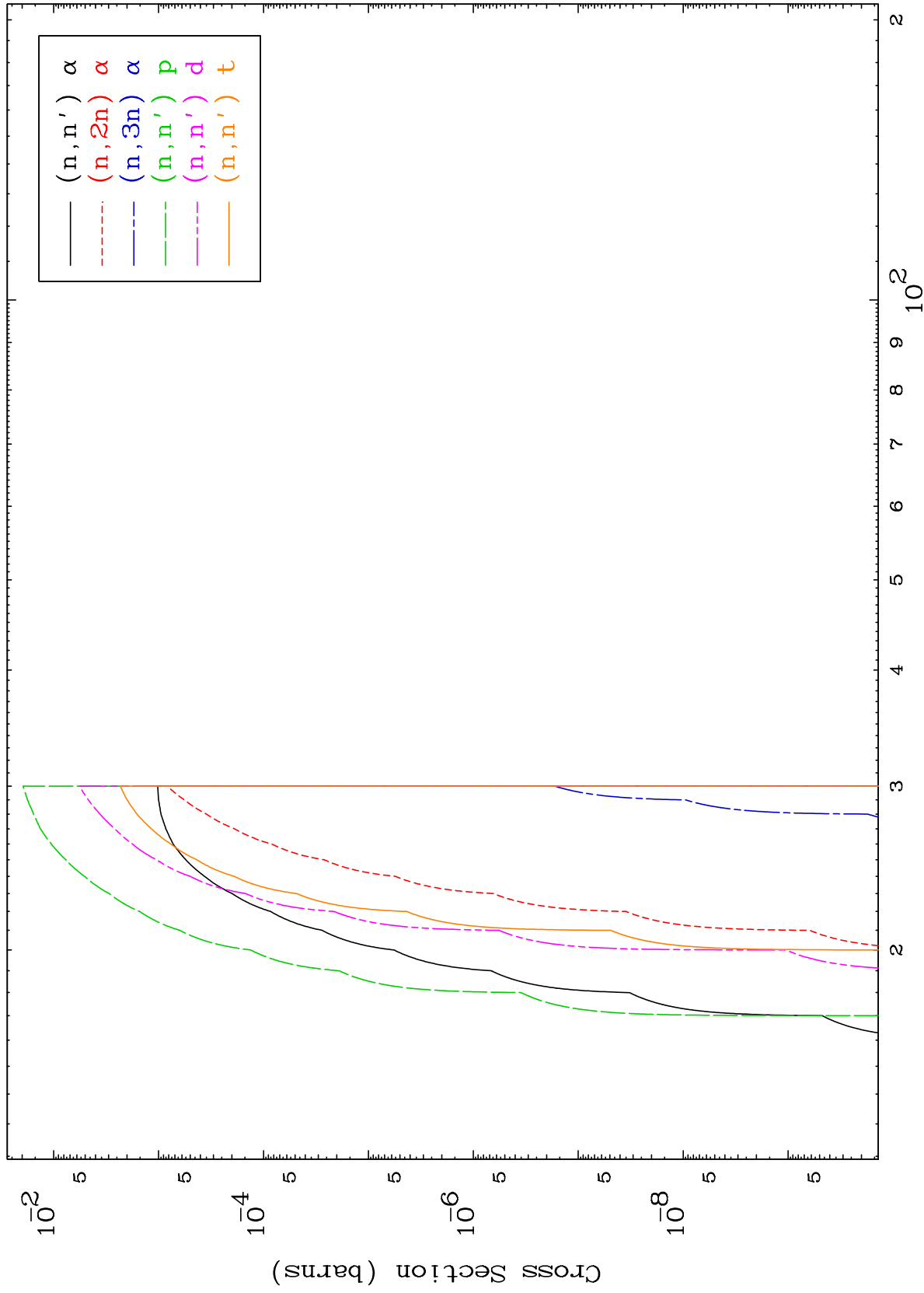
Incident Energy (MeV)

28-Ni-71

MAT 2864

Charged Particle  
293 Kelvin Cross Sections

28-Ni-71



3

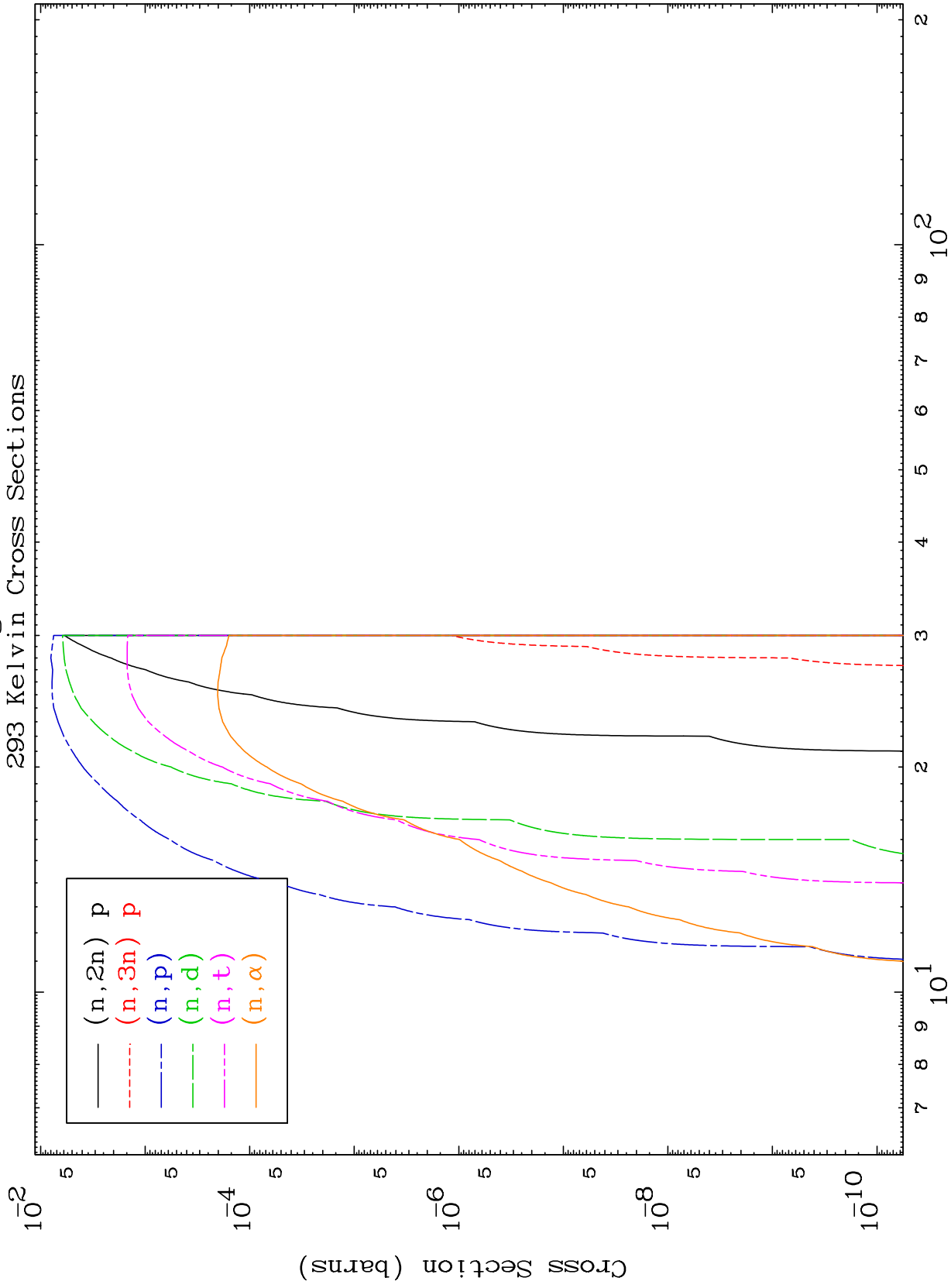
Incident Energy (MeV)

28-Ni-71

MAT 2864

Charged Particle  
293 Kelvin Cross Sections

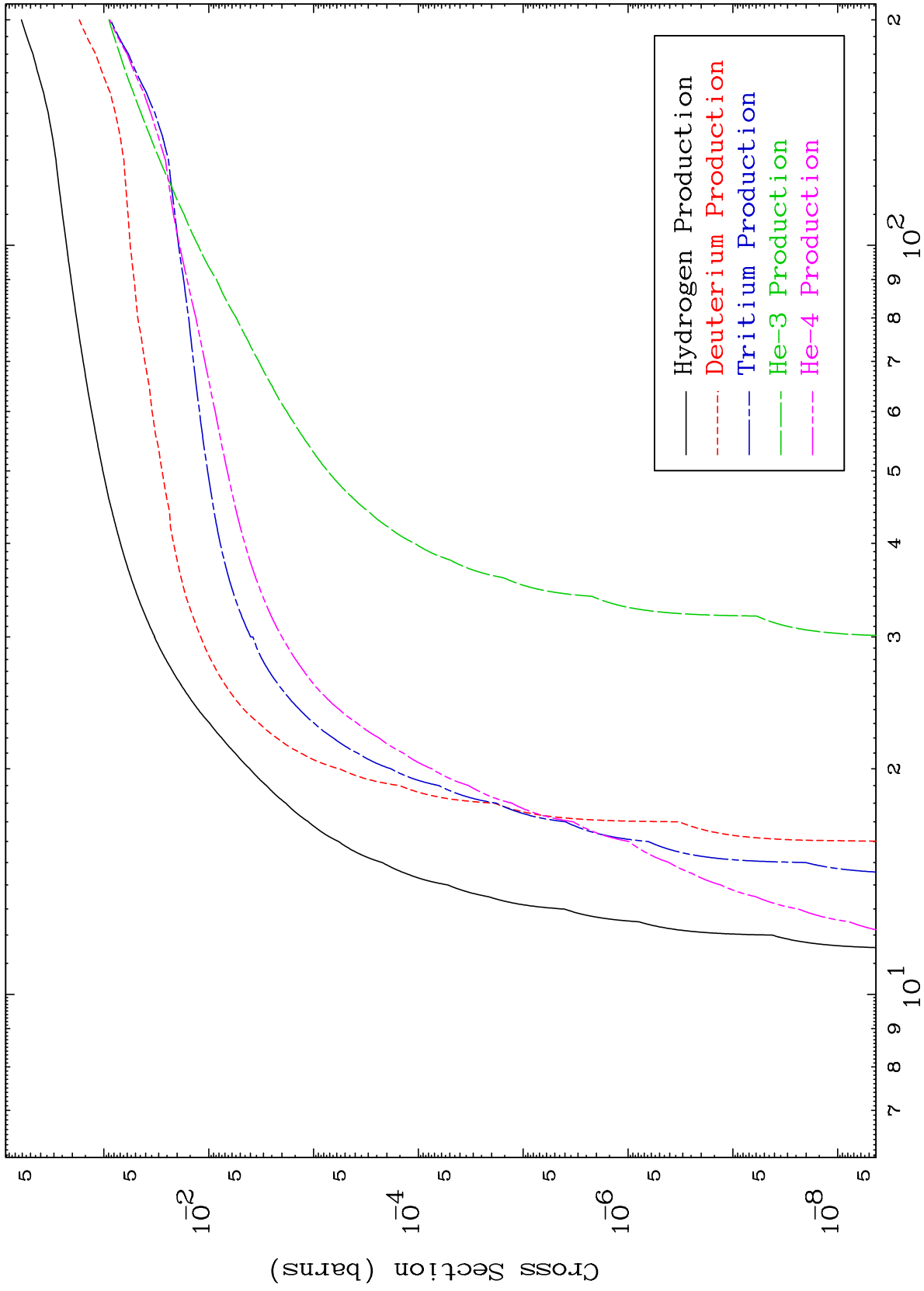
28-Ni-71



MAT 2864

Particle Production  
293 Kelvin Cross Sections

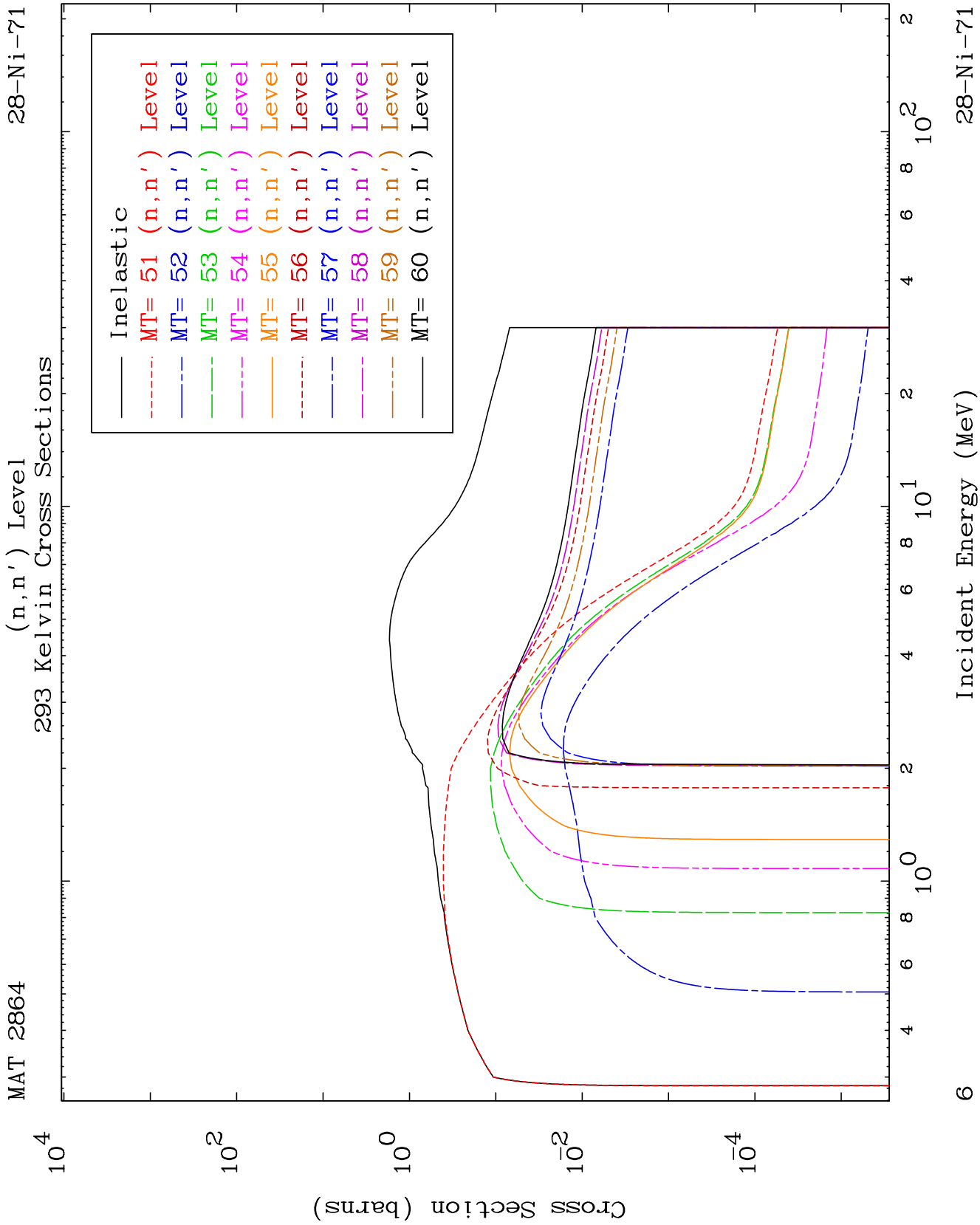
28-Ni-71



5

Incident Energy (MeV)

28-Ni-71

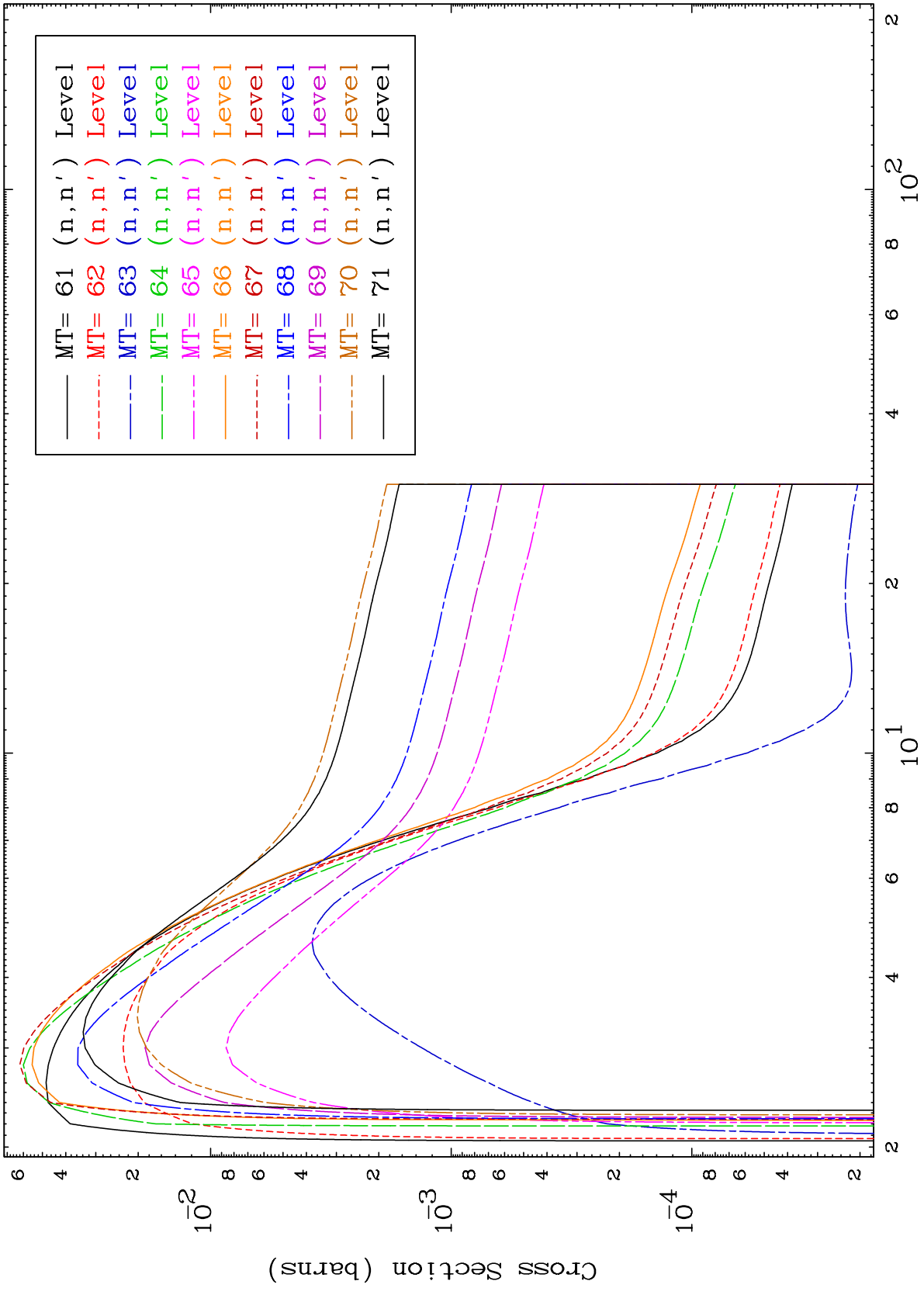


MAT 2864

(n,n') Level

293 Kelvin Cross Sections

28-Ni-71



7

Incident Energy (MeV)

28-Ni-71

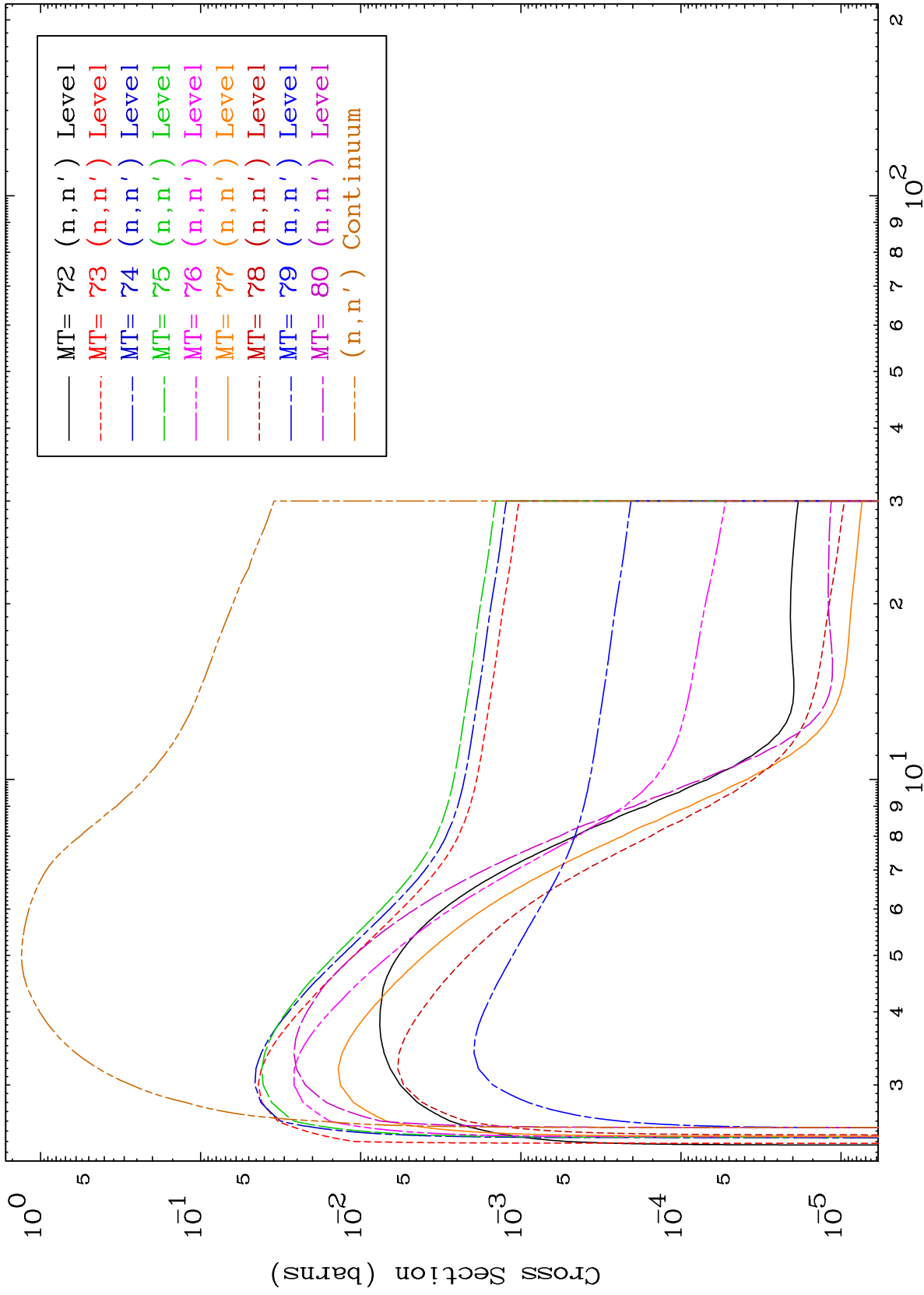


MAT 2864

(n,n') Level

28-Ni-71

293 Kelvin Cross Sections



8

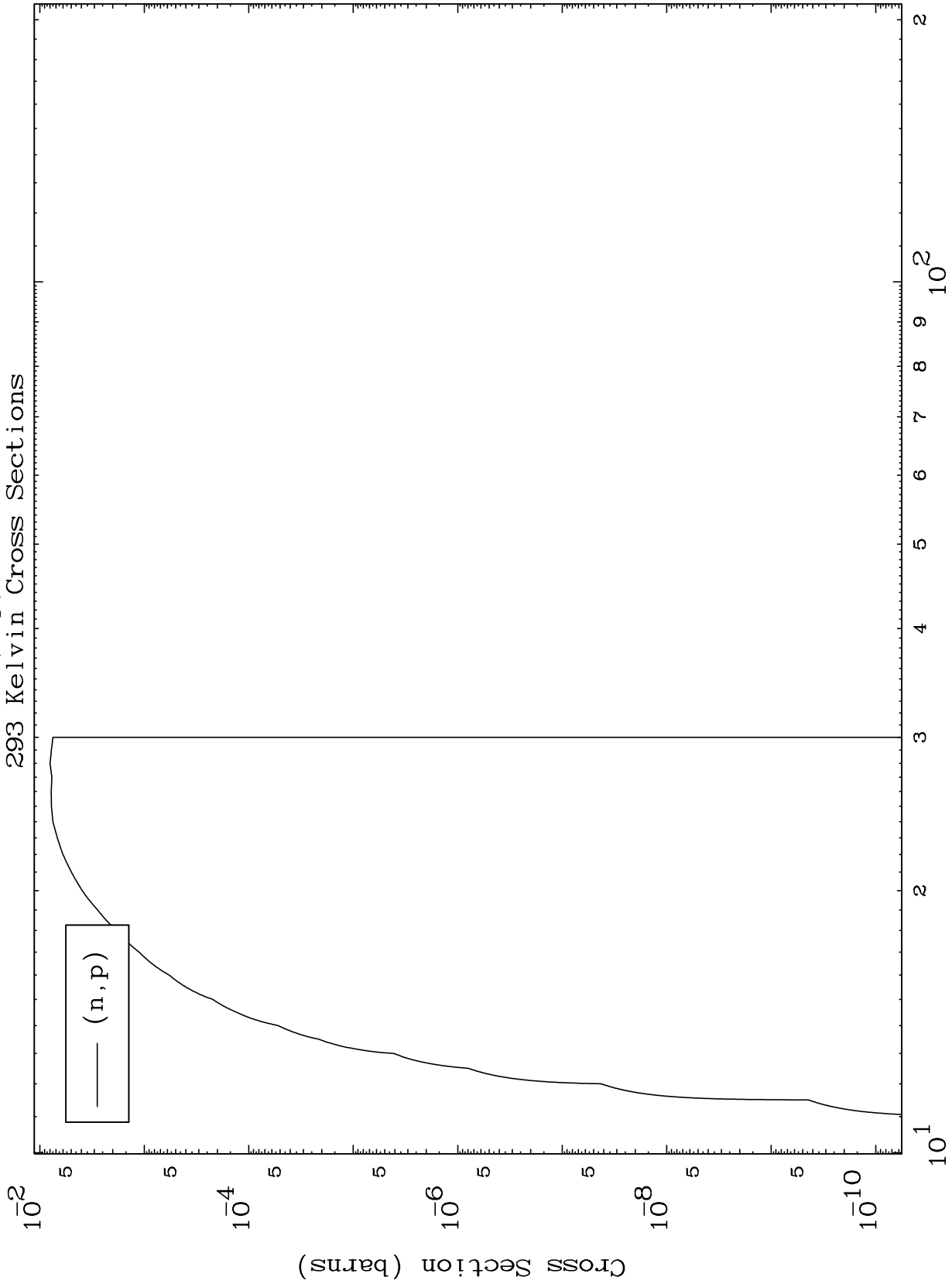
Incident Energy (MeV)

28-Ni-71

MAT 2864

(n,p) Levels  
293 Kelvin Cross Sections

28-Ni-71



9

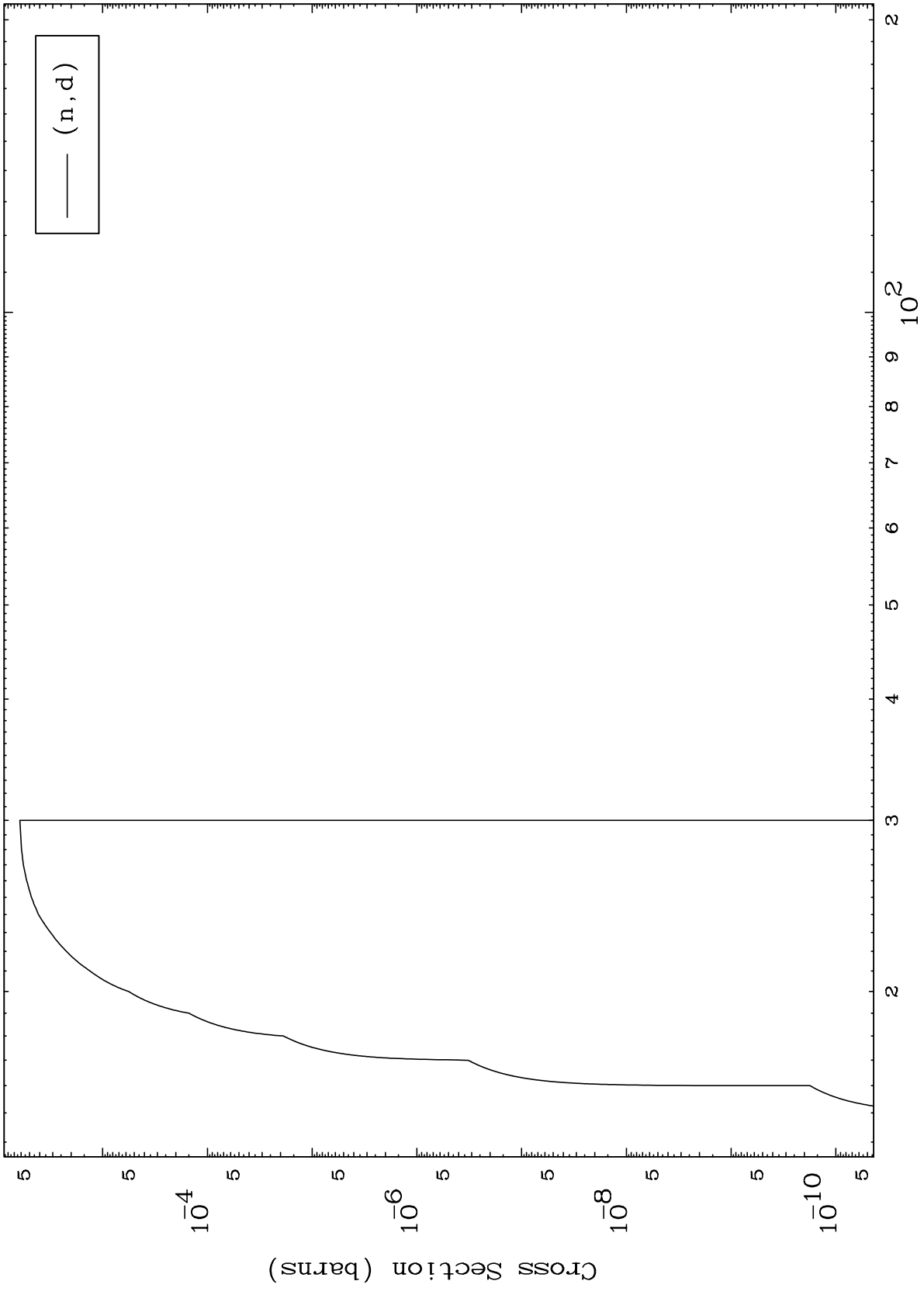
Incident Energy (MeV)

28-Ni-71

MAT 2864

(n,d) Levels  
293 Kelvin Cross Sections

28-Ni-71



10

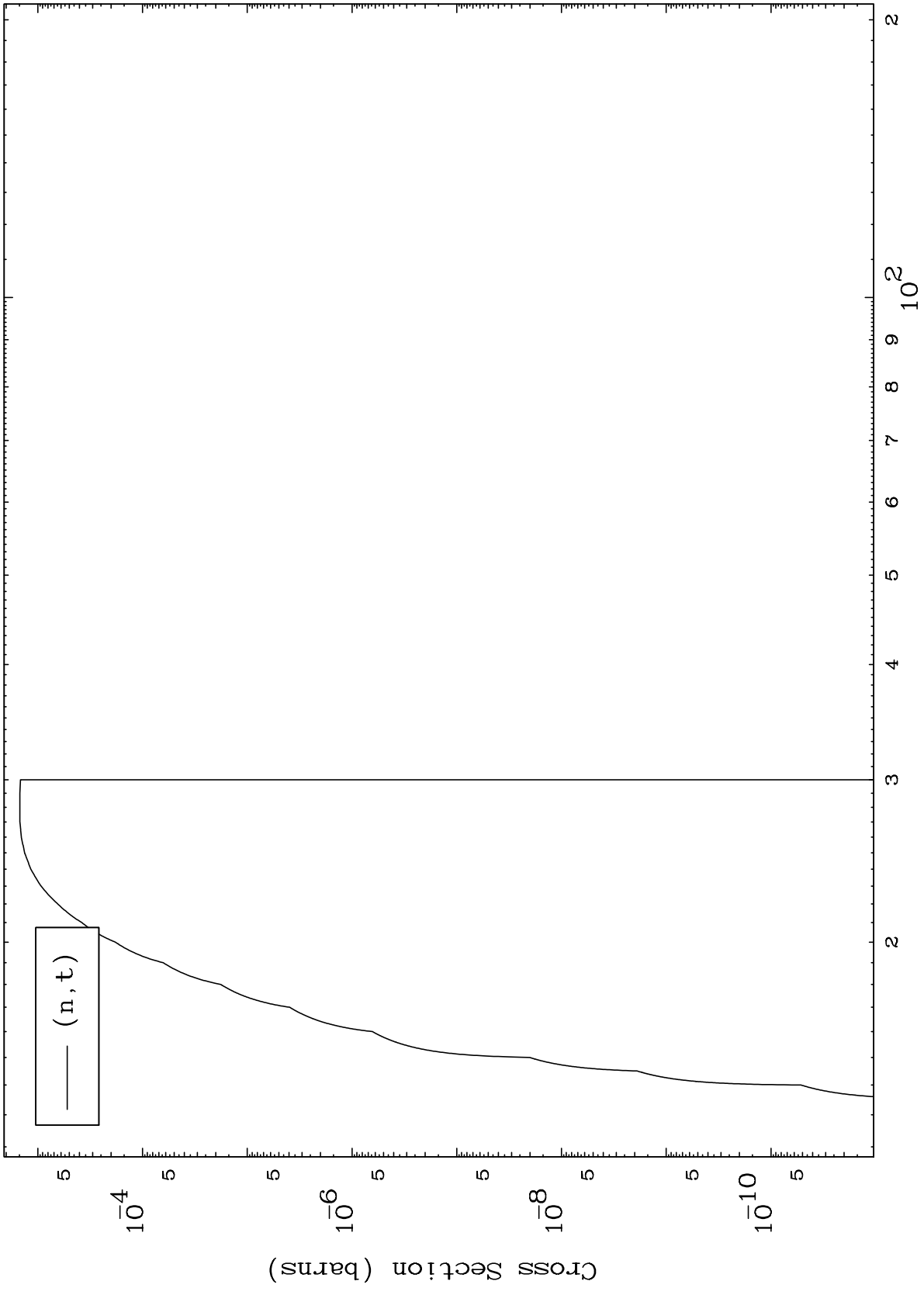
Incident Energy (MeV)

28-Ni-71

MAT 2864

(n,t) Levels  
293 Kelvin Cross Sections

28-Ni-71

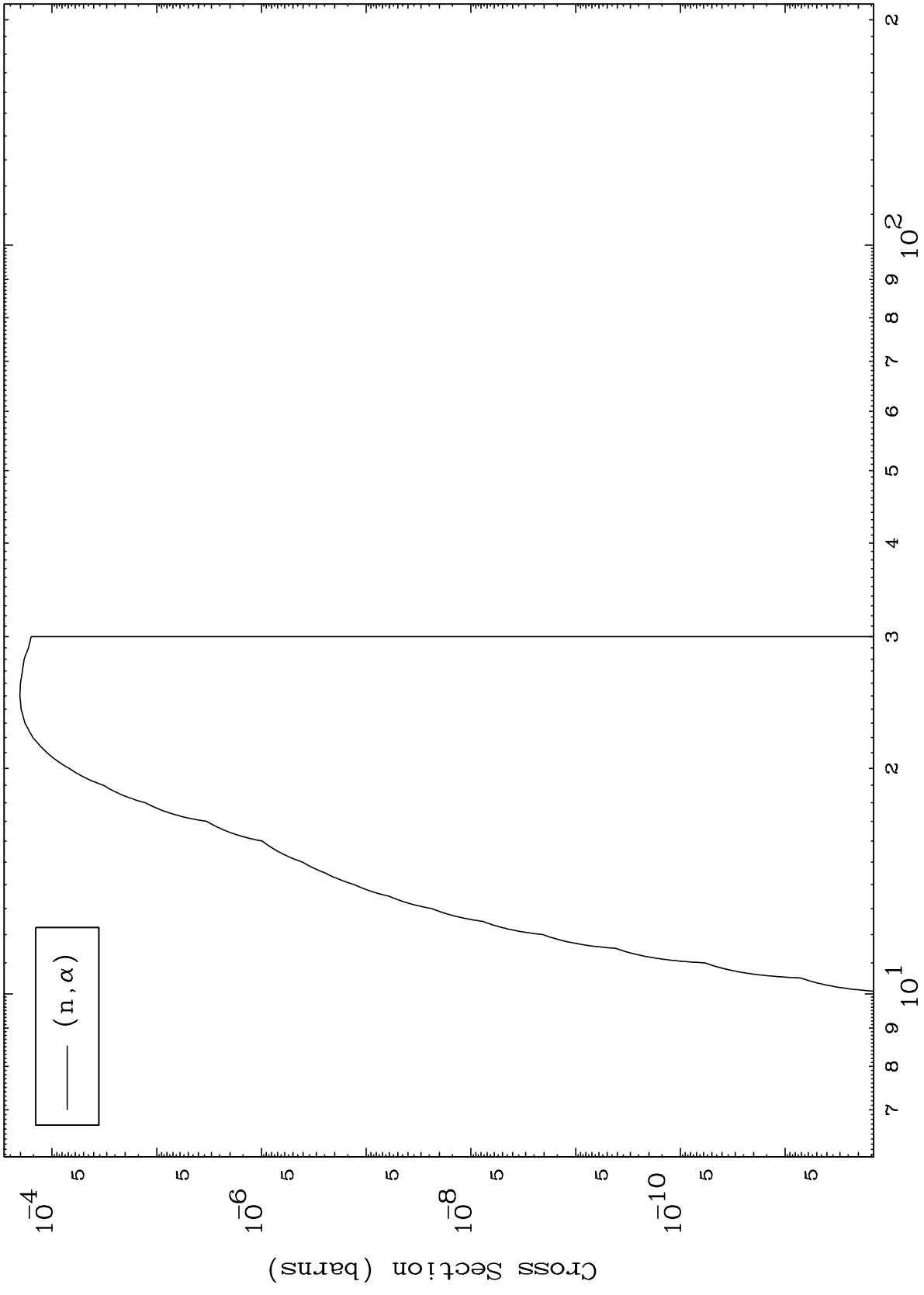


28-Ni-71

MAT 2864

(n,α) Levels  
293 Kelvin Cross Sections

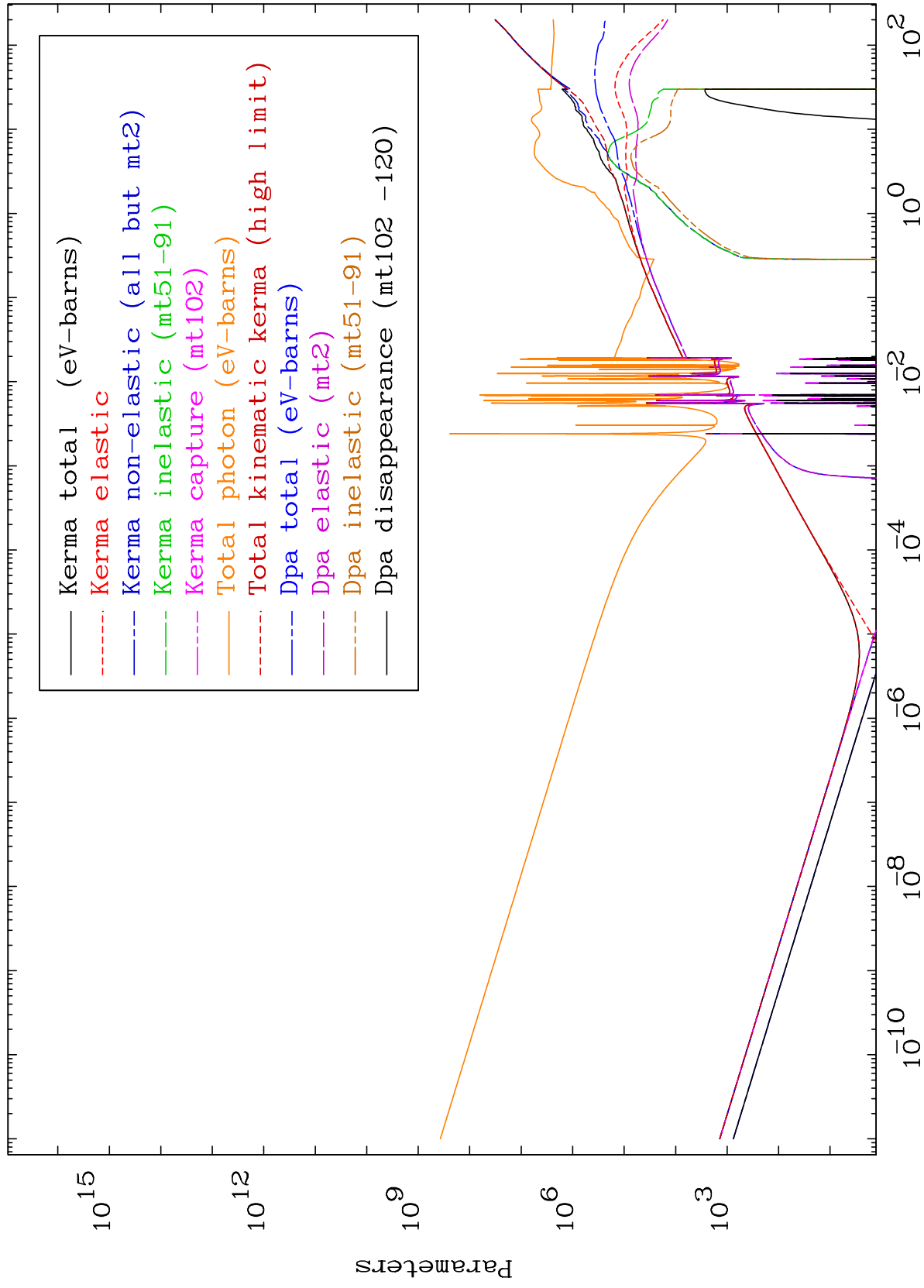
28-Ni-71



12

Incident Energy (MeV)

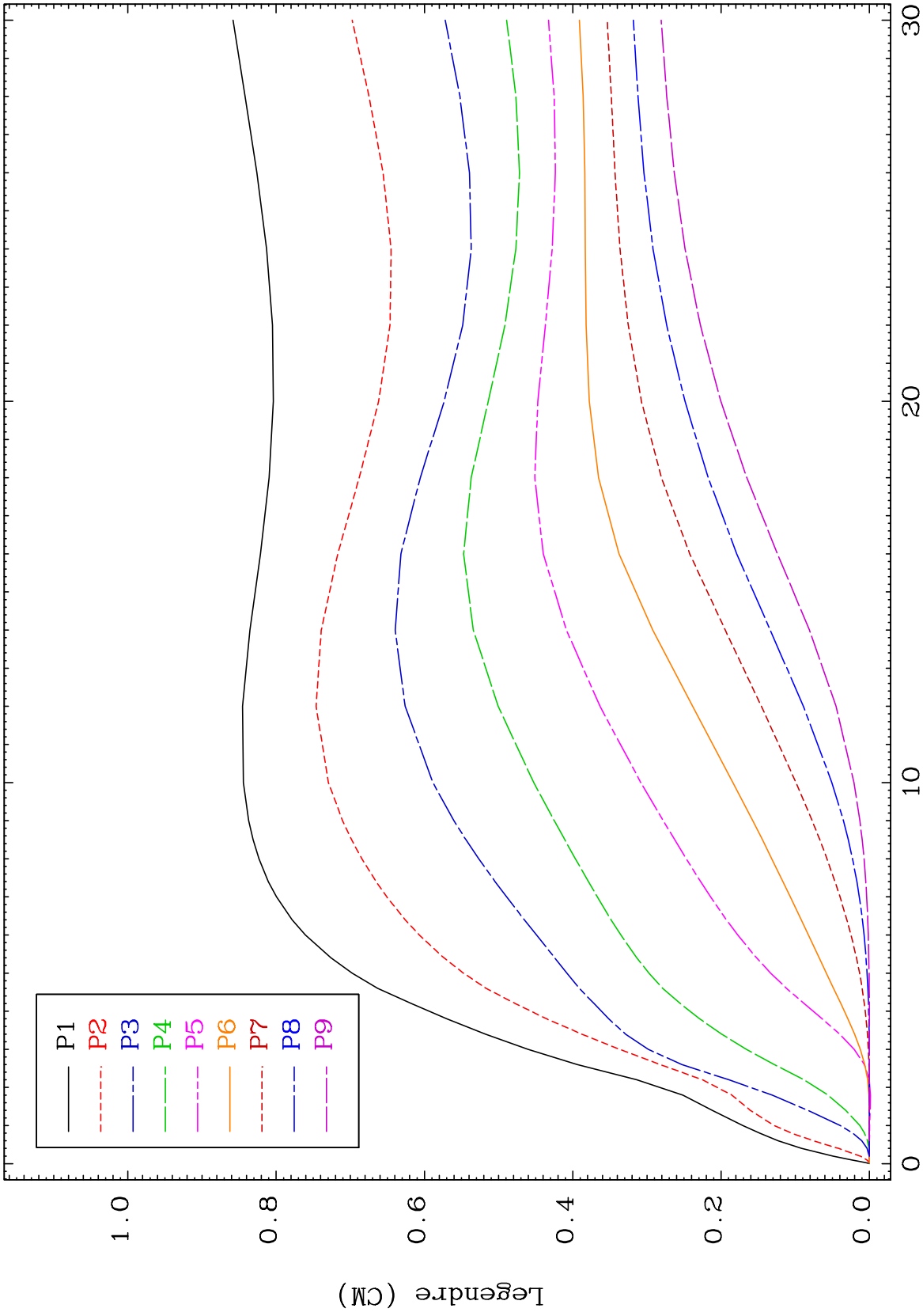
28-Ni-71



MAT 2864

Elastic Legendre Coefficients

<sup>28</sup>Ni-71



14

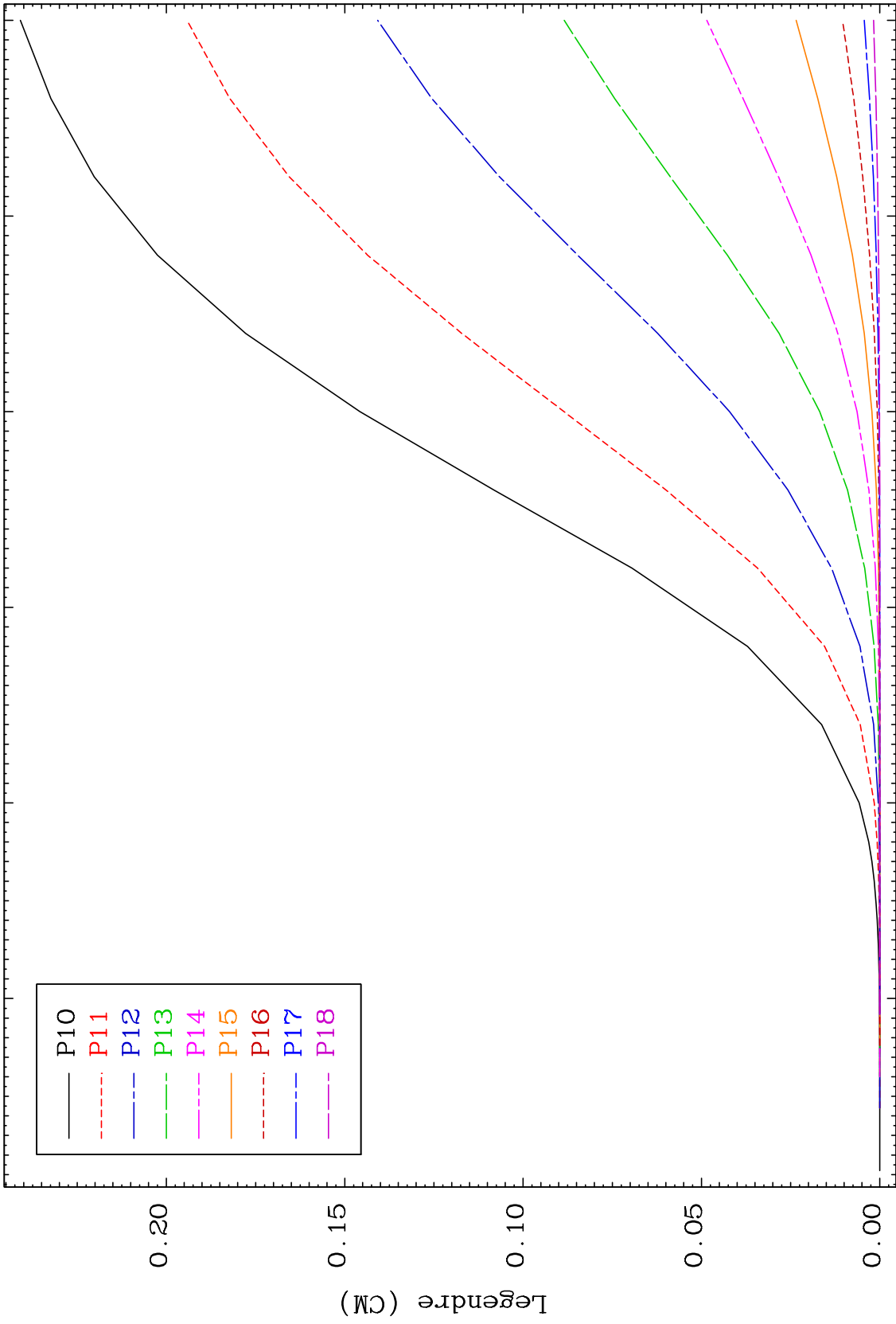
Incident Energy (MeV)

<sup>28</sup>Ni-71

MAT 2864

Elastic Legendre Coefficients

<sup>28</sup>Ni-71



15

Incident Energy (MeV)

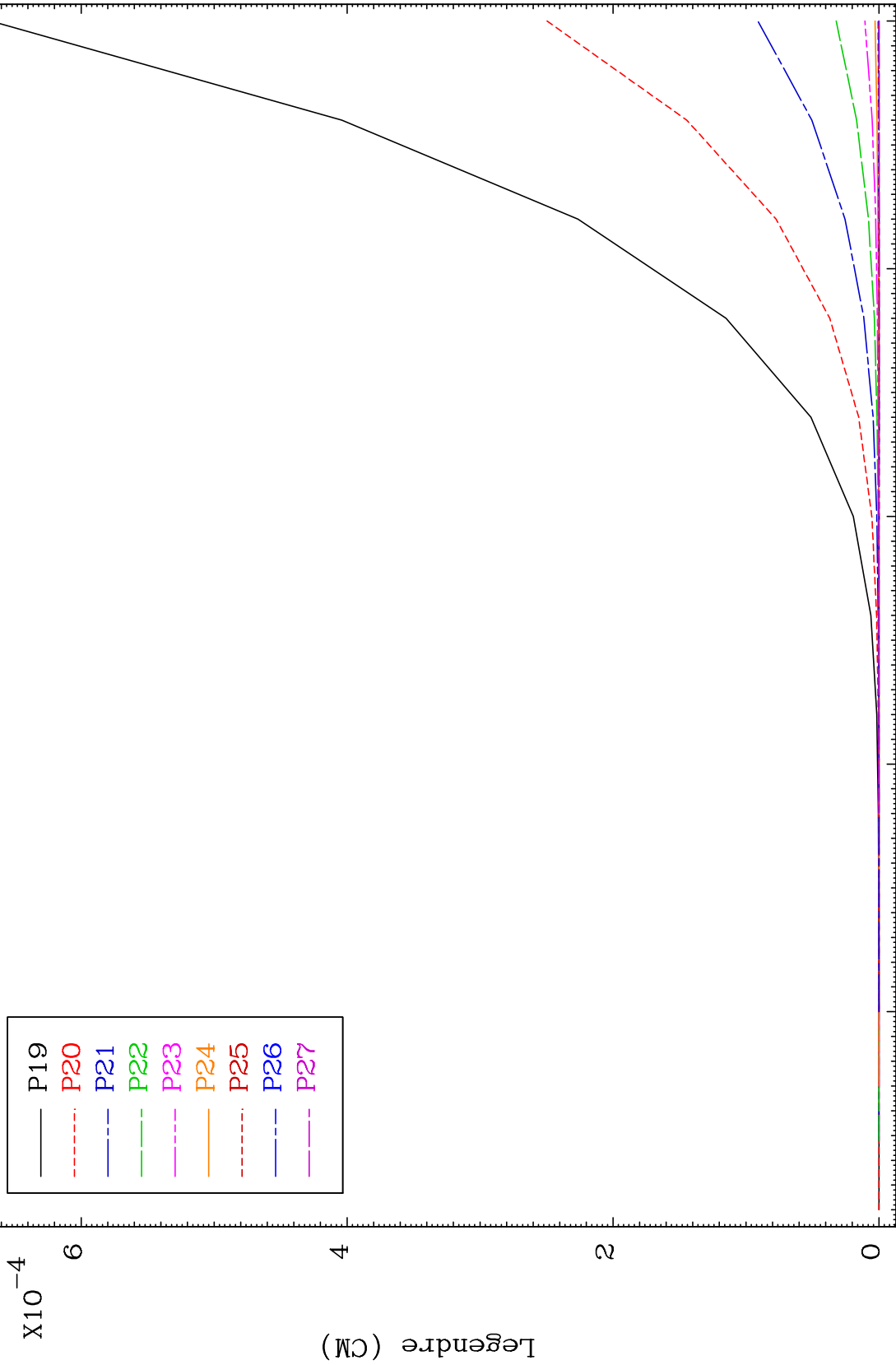
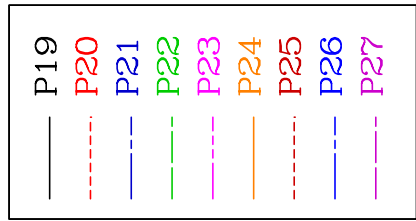
<sup>28</sup>Ni-71



MAT 2864

### Elastic Legendre Coefficients

<sup>28</sup>Ni-71



<sup>28</sup>Ni-71

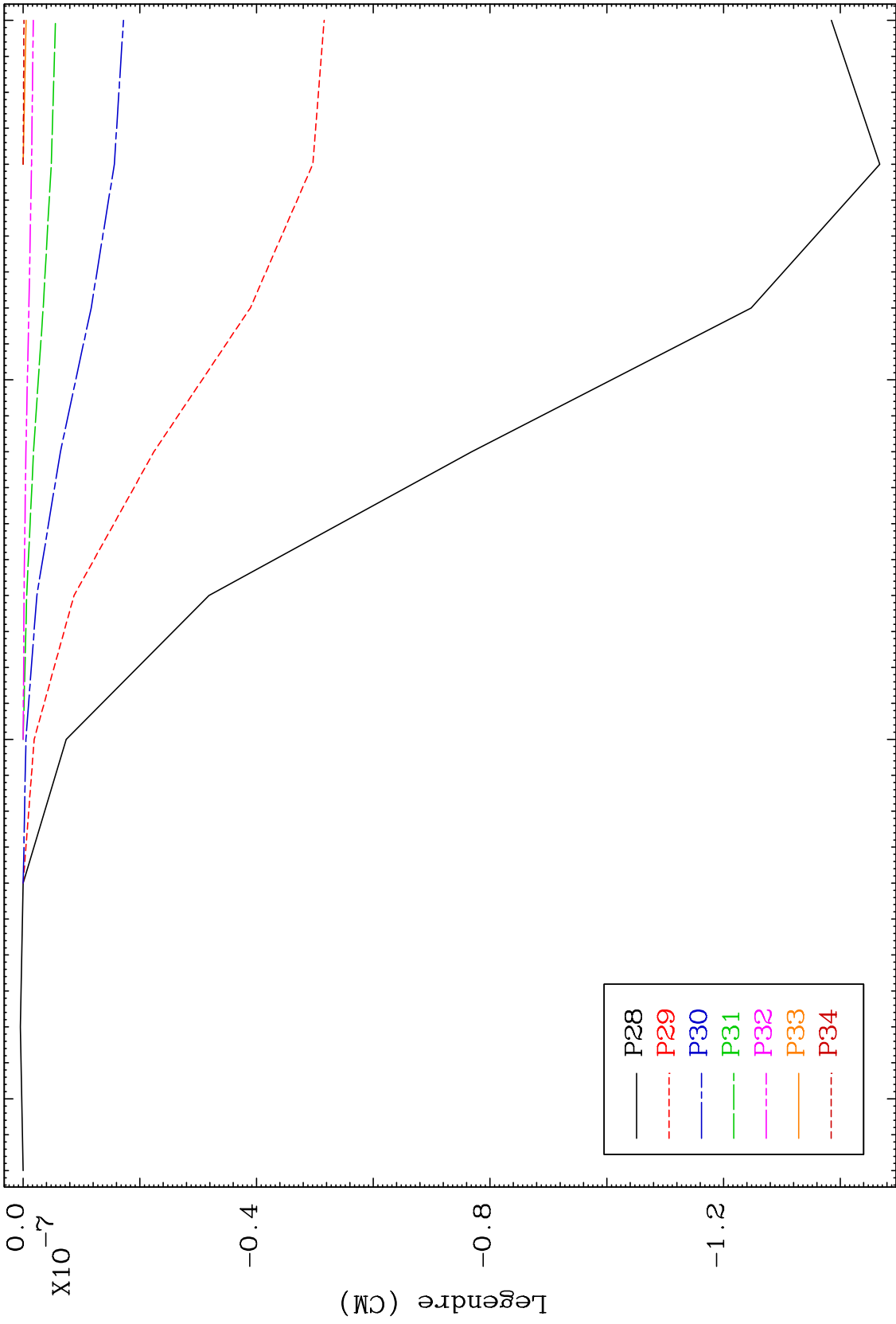
Incident Energy (MeV)

16

MAT 2864

28-Ni-71

Elastic Legendre Coefficients



17

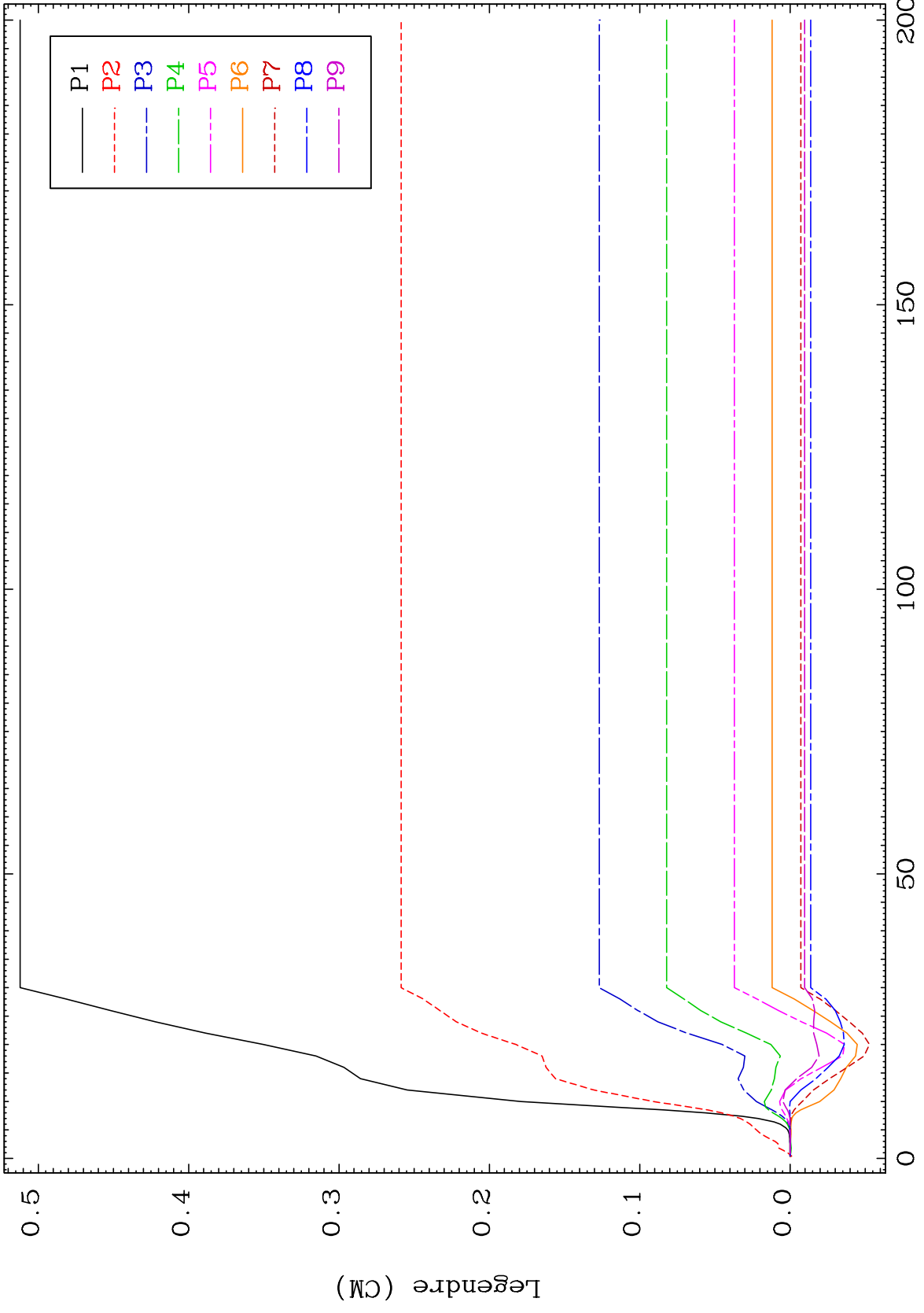
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



18

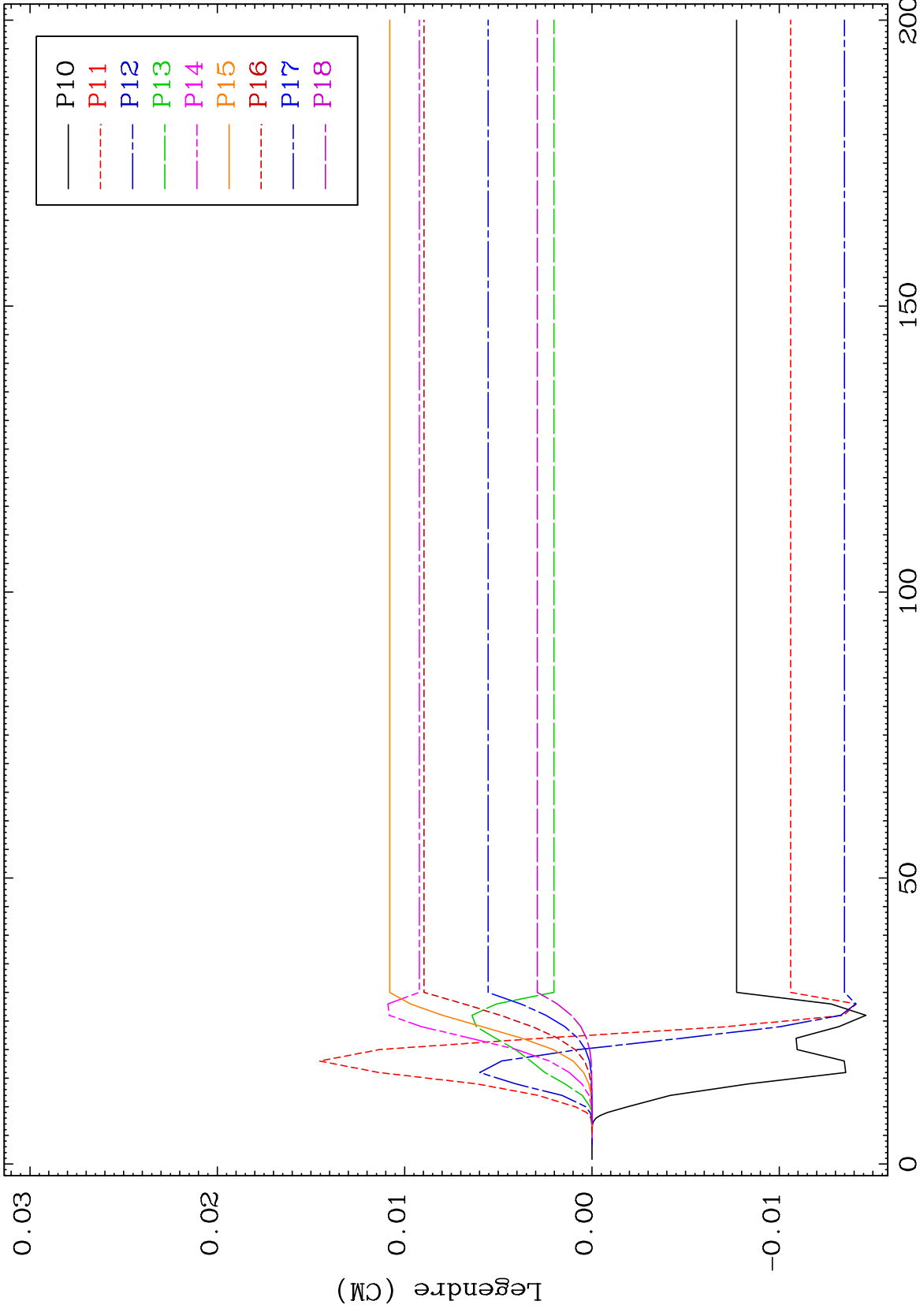
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



19

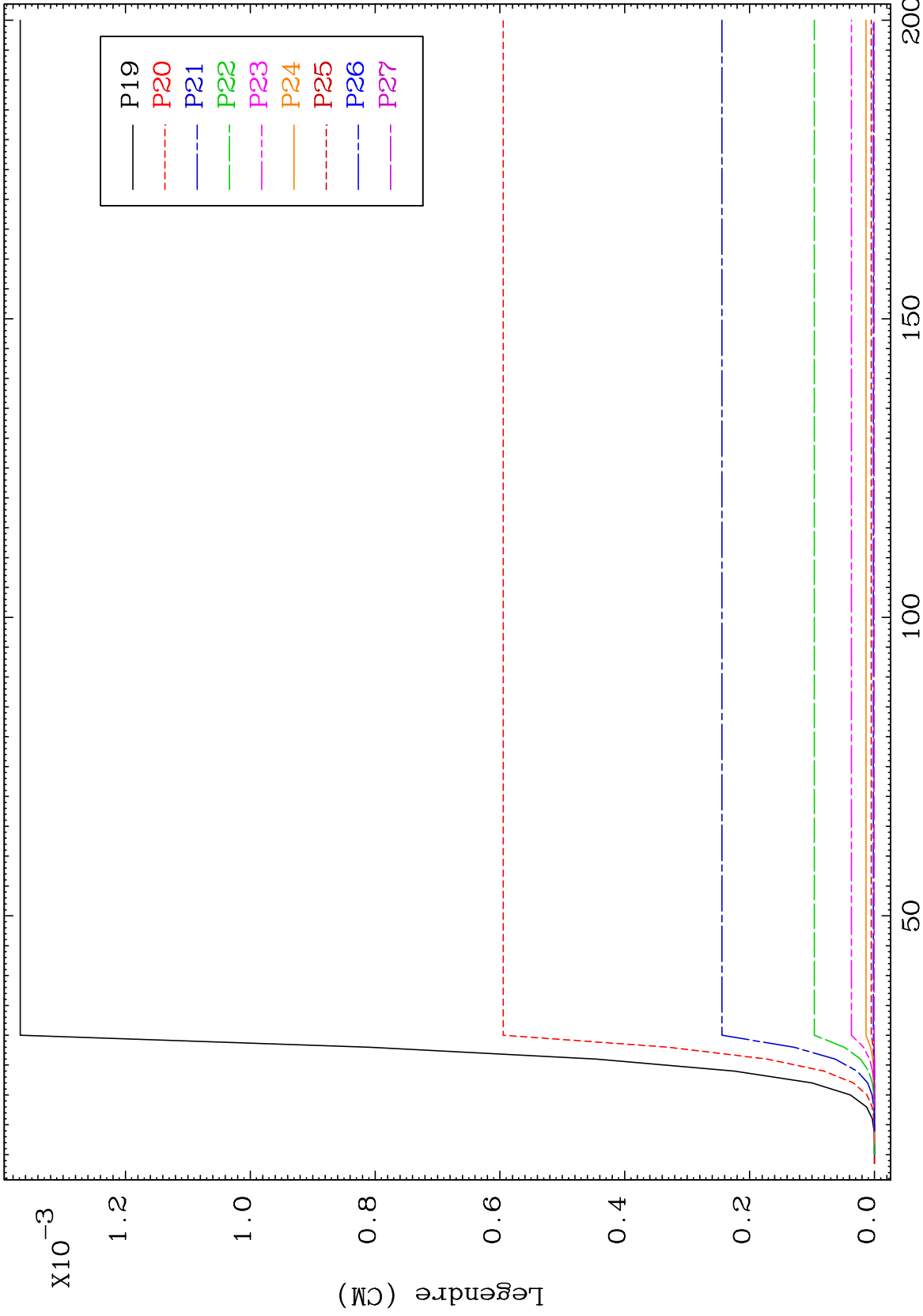
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



20

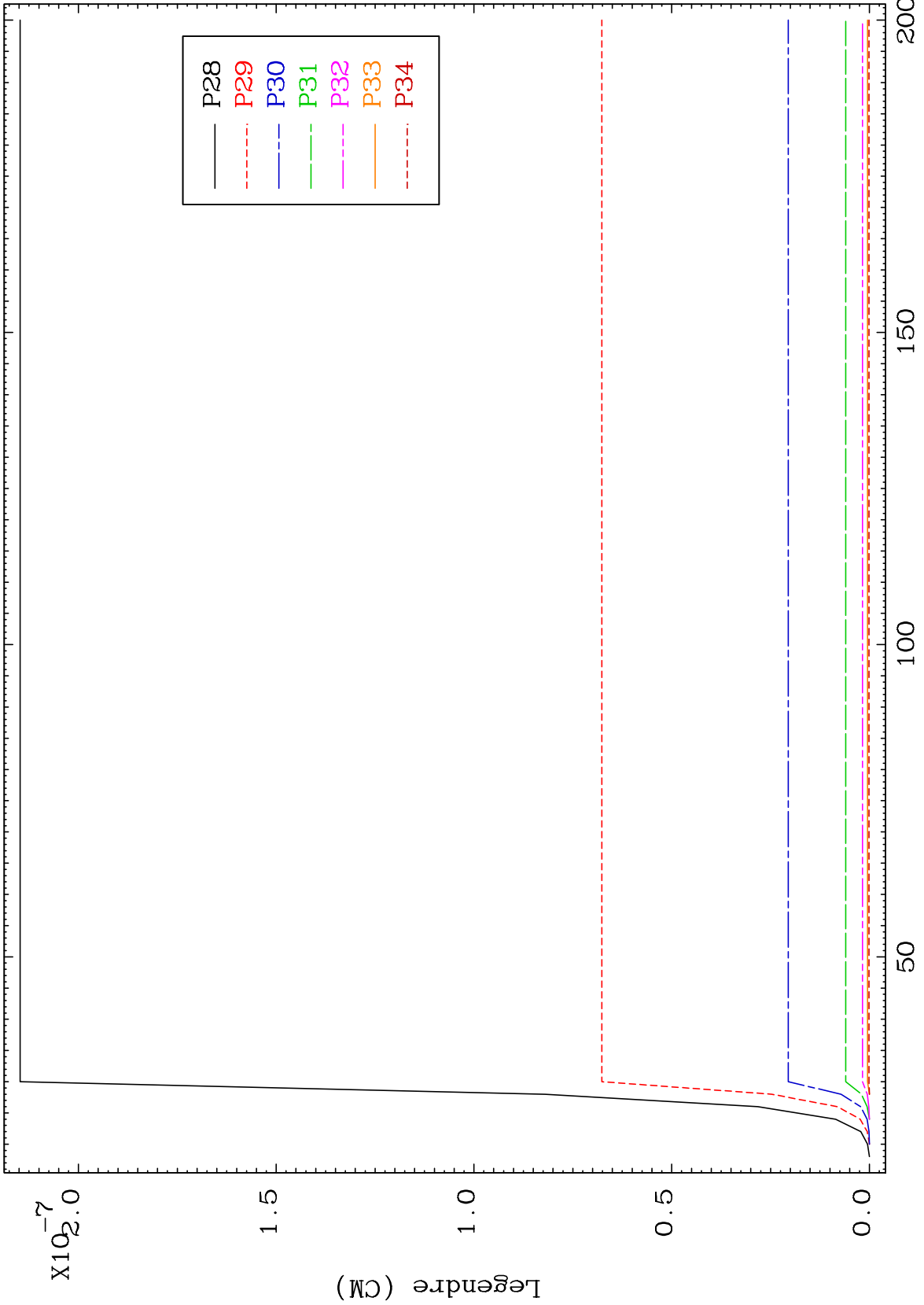
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



21

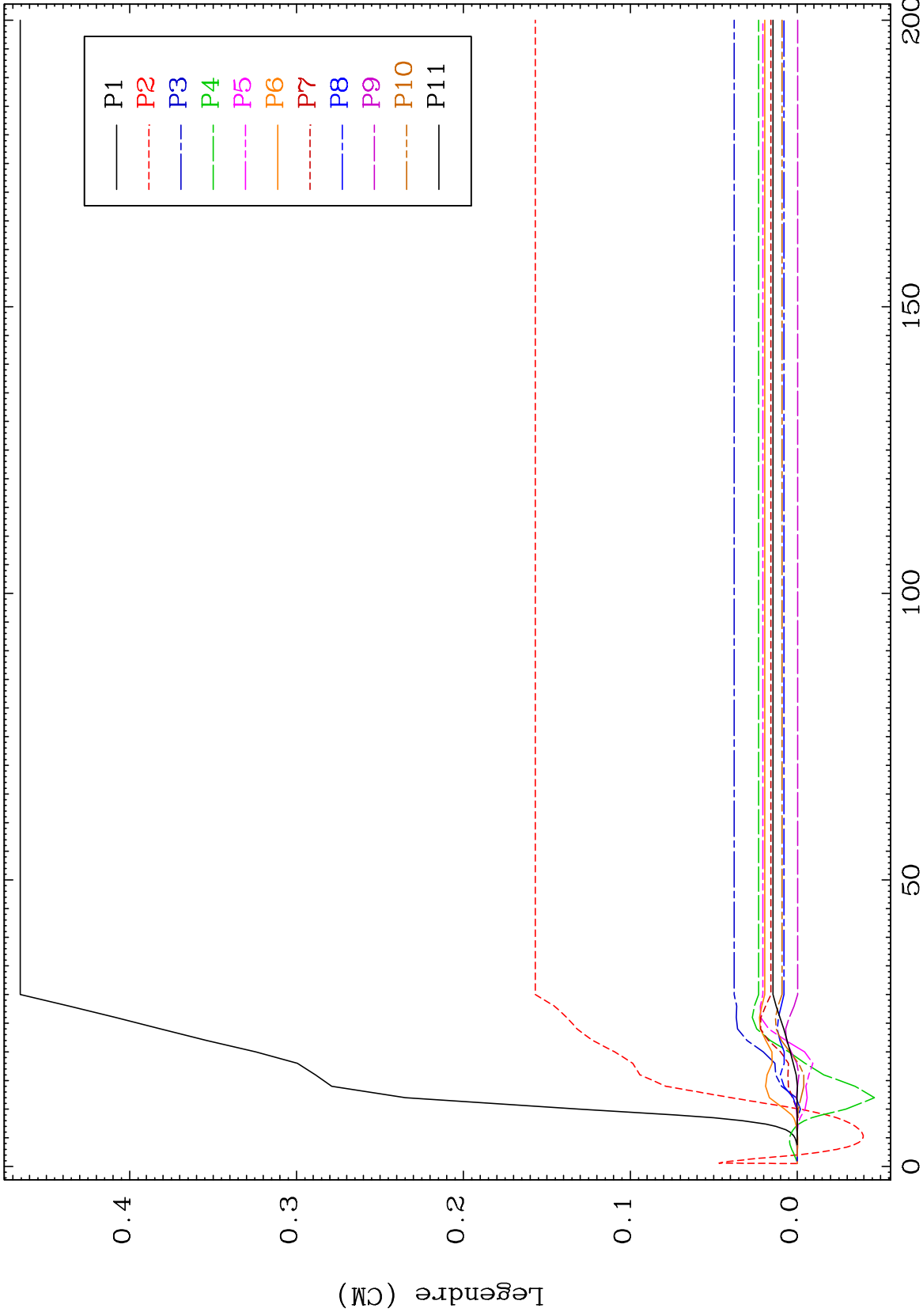
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



22

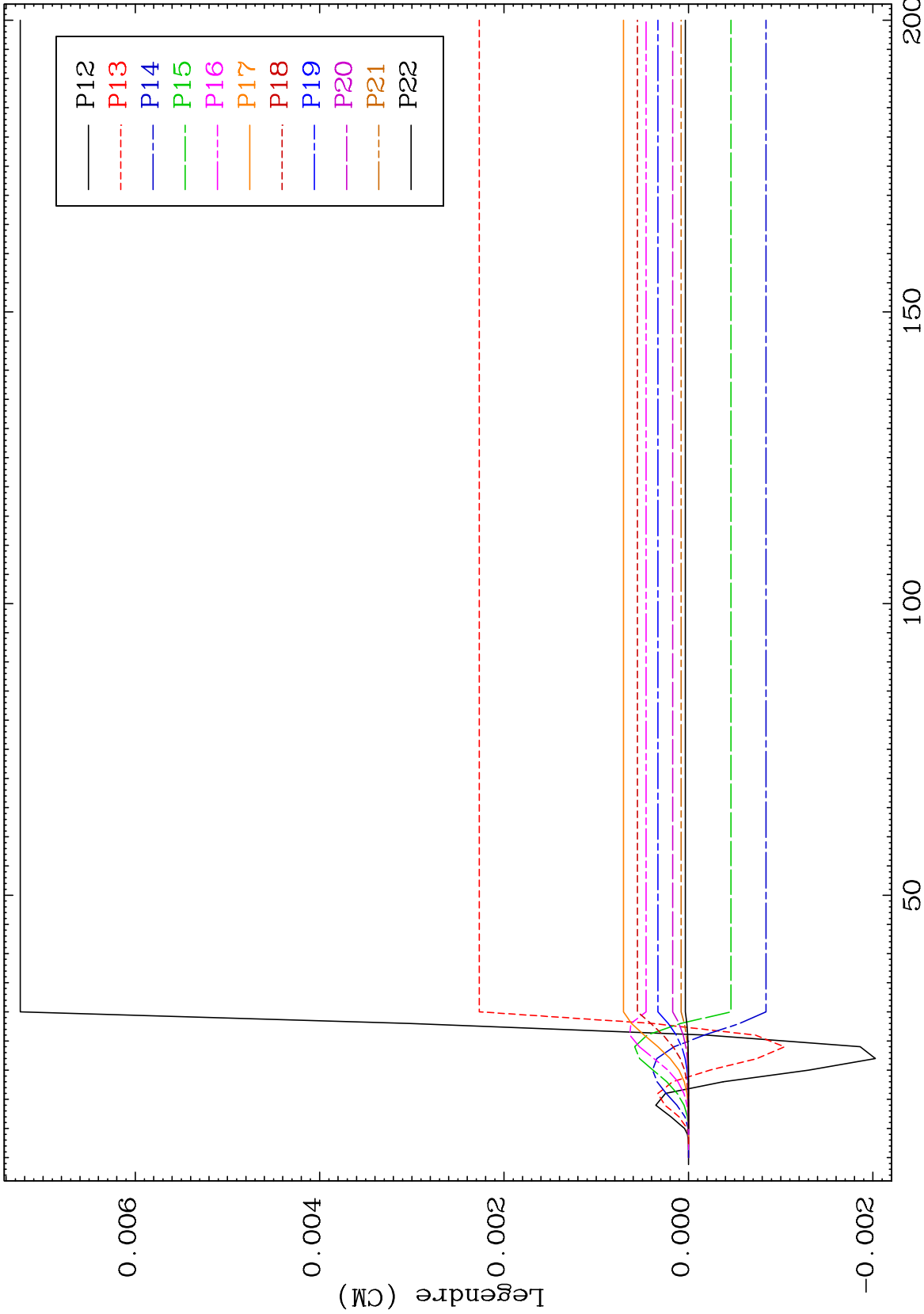
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



23

Incident Energy (MeV)

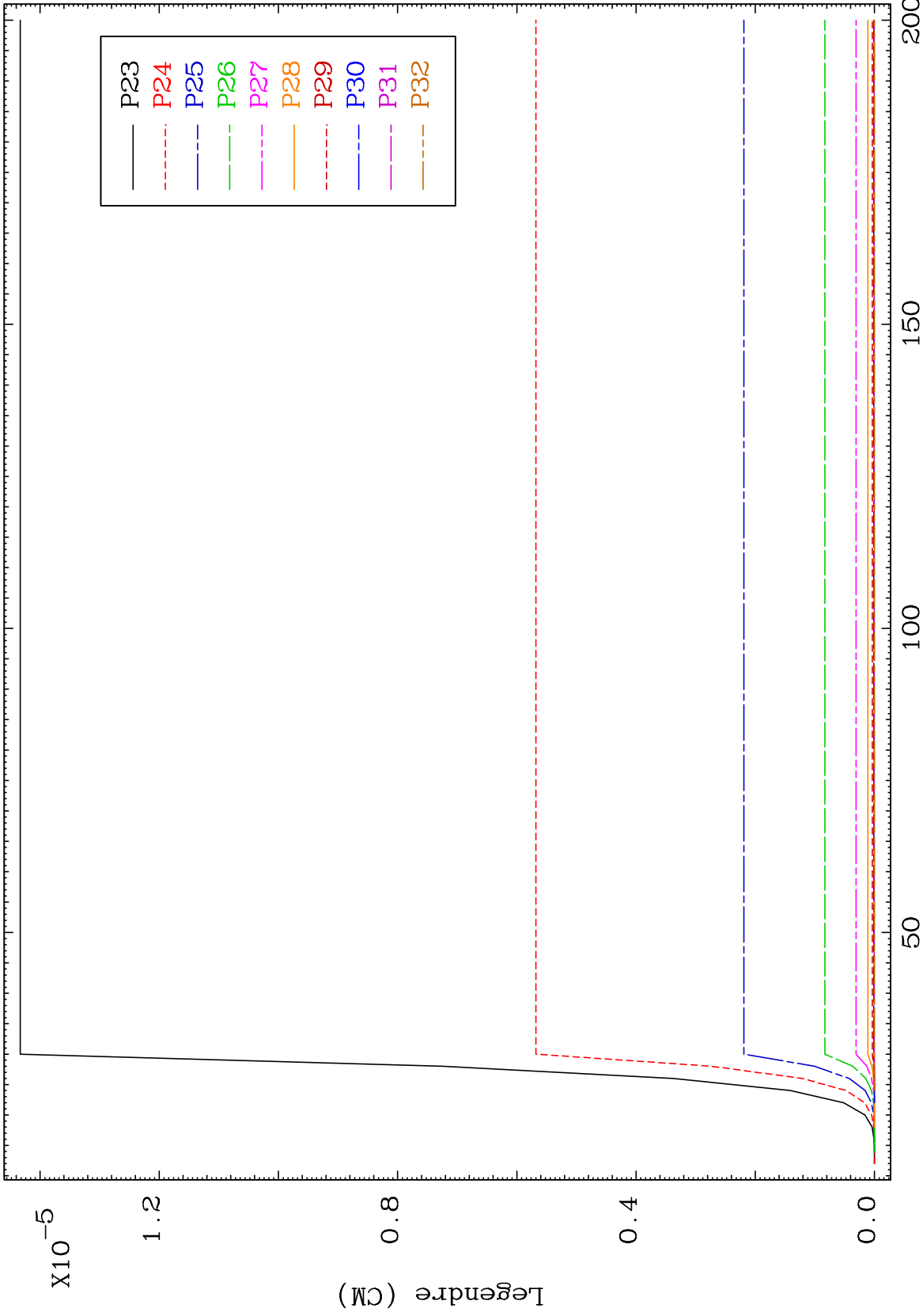
28-Ni-71



MAT 2864

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

28-Ni-71



24

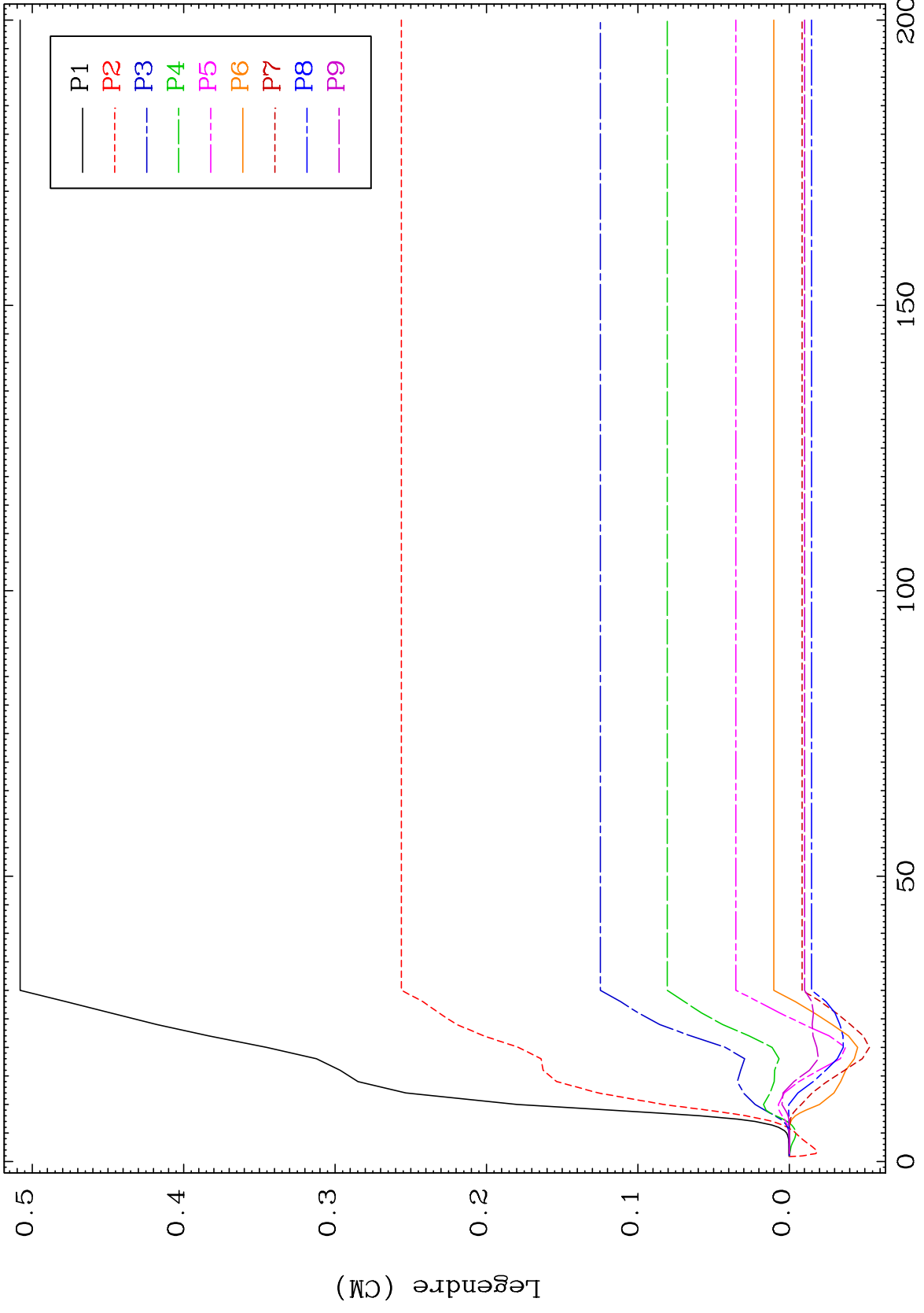
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



25

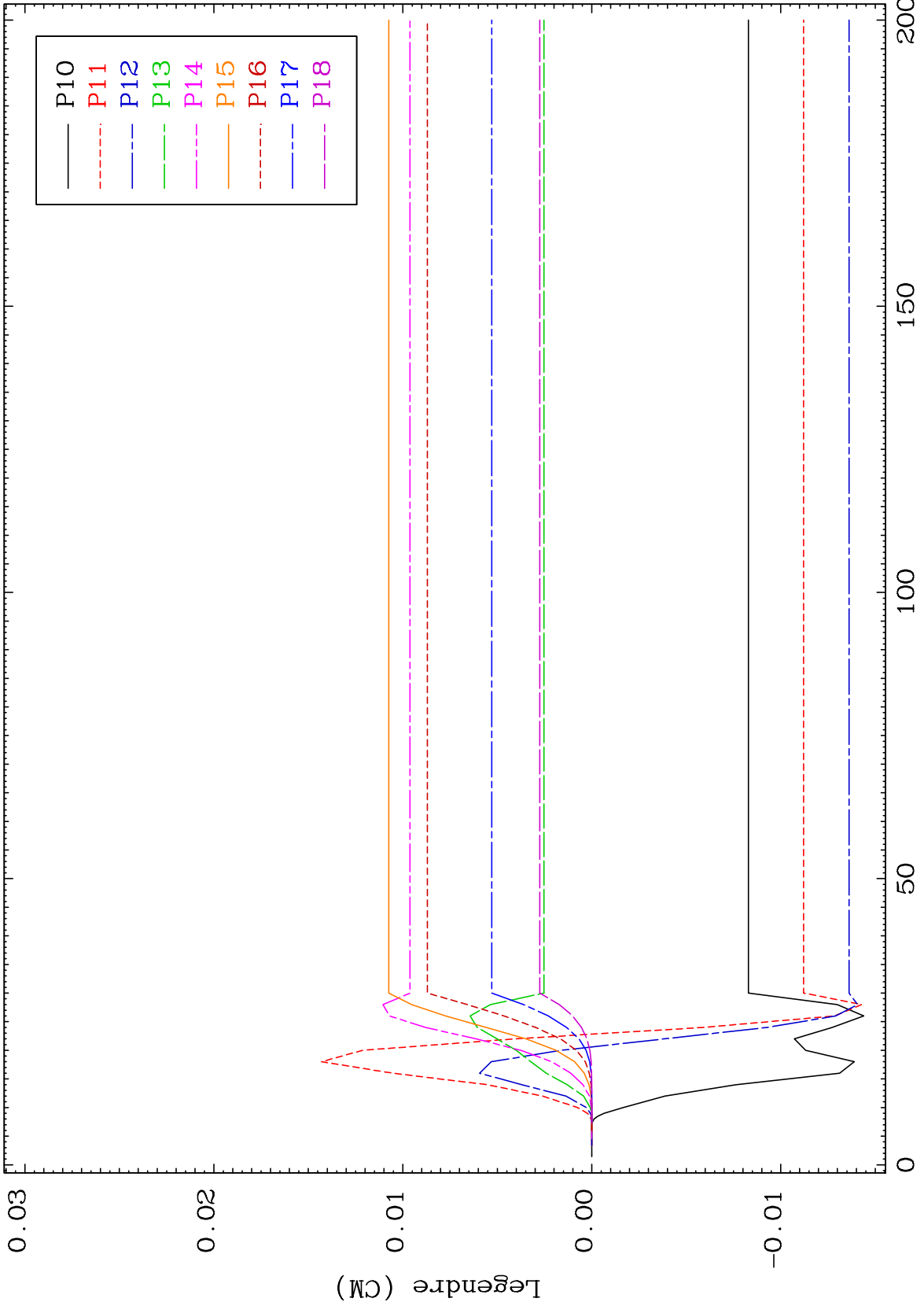
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



26

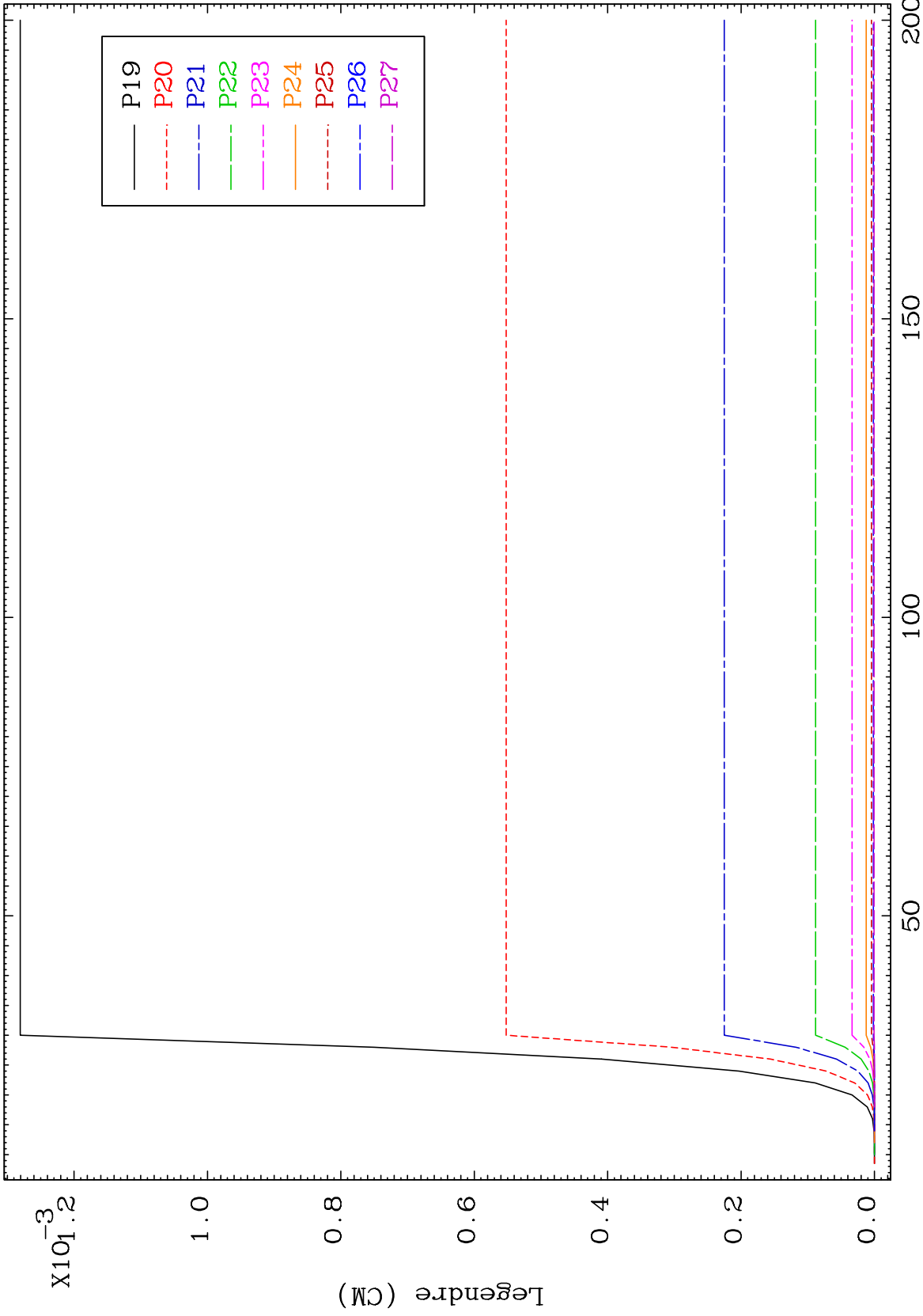
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



27

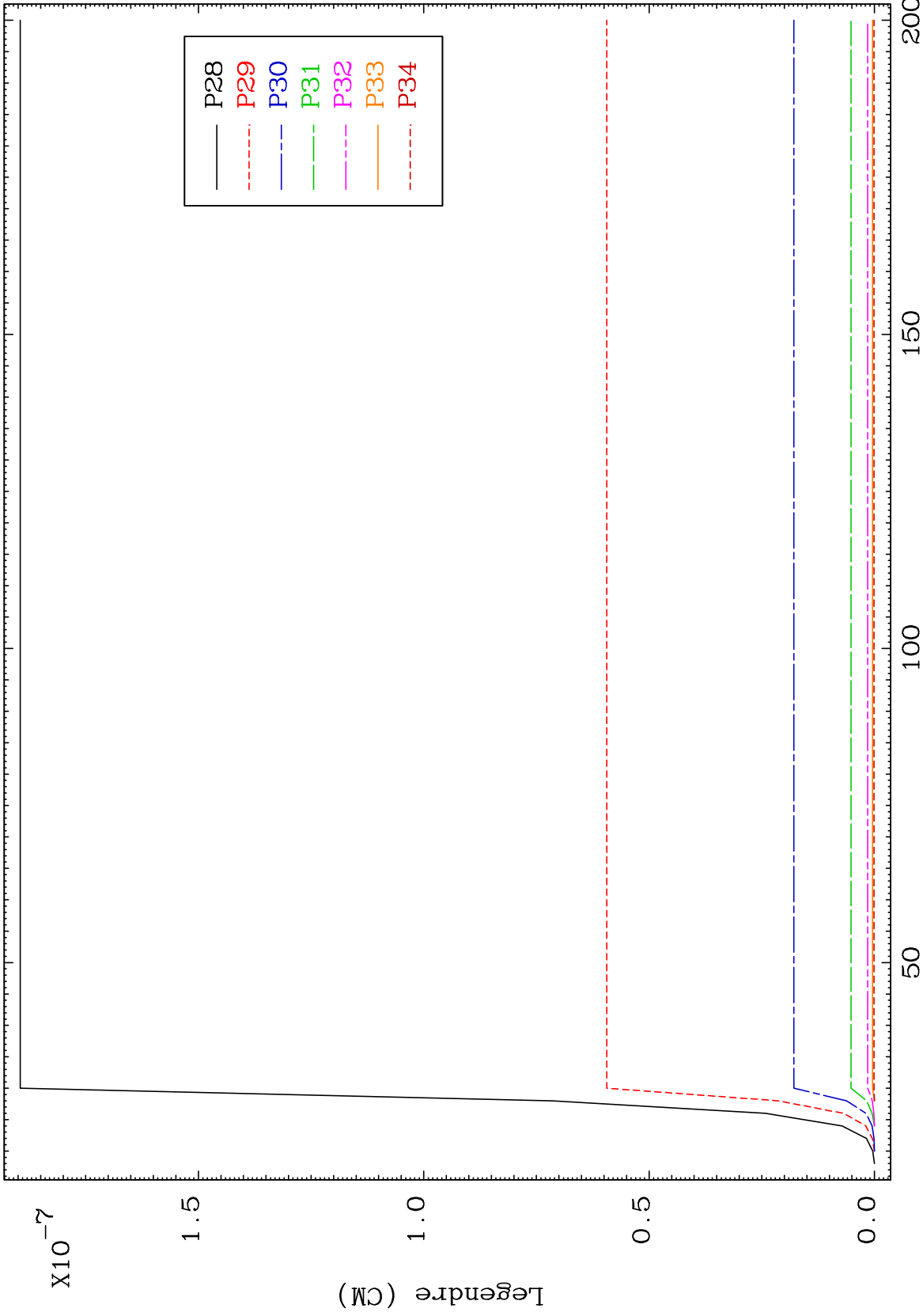
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



28

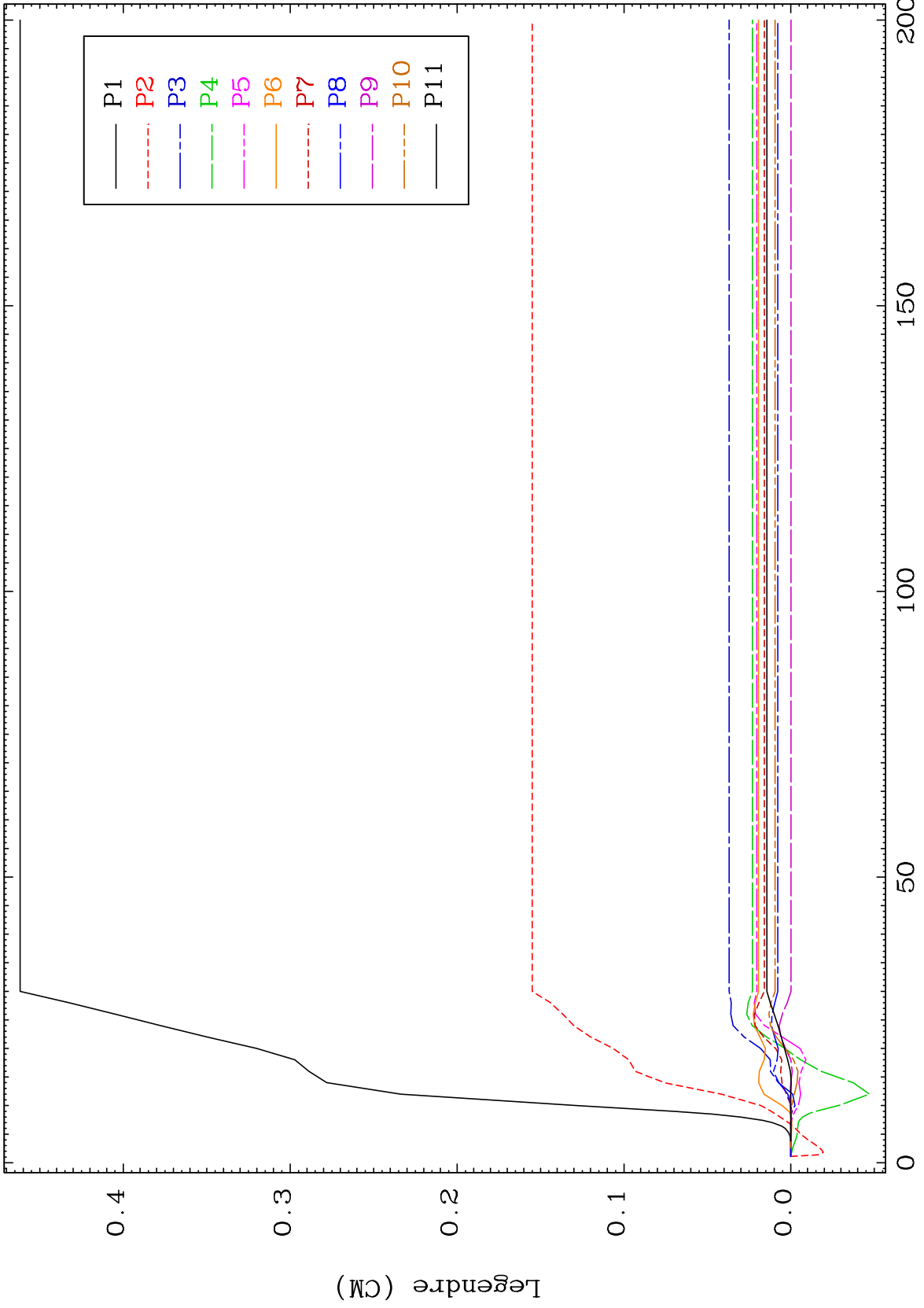
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



29

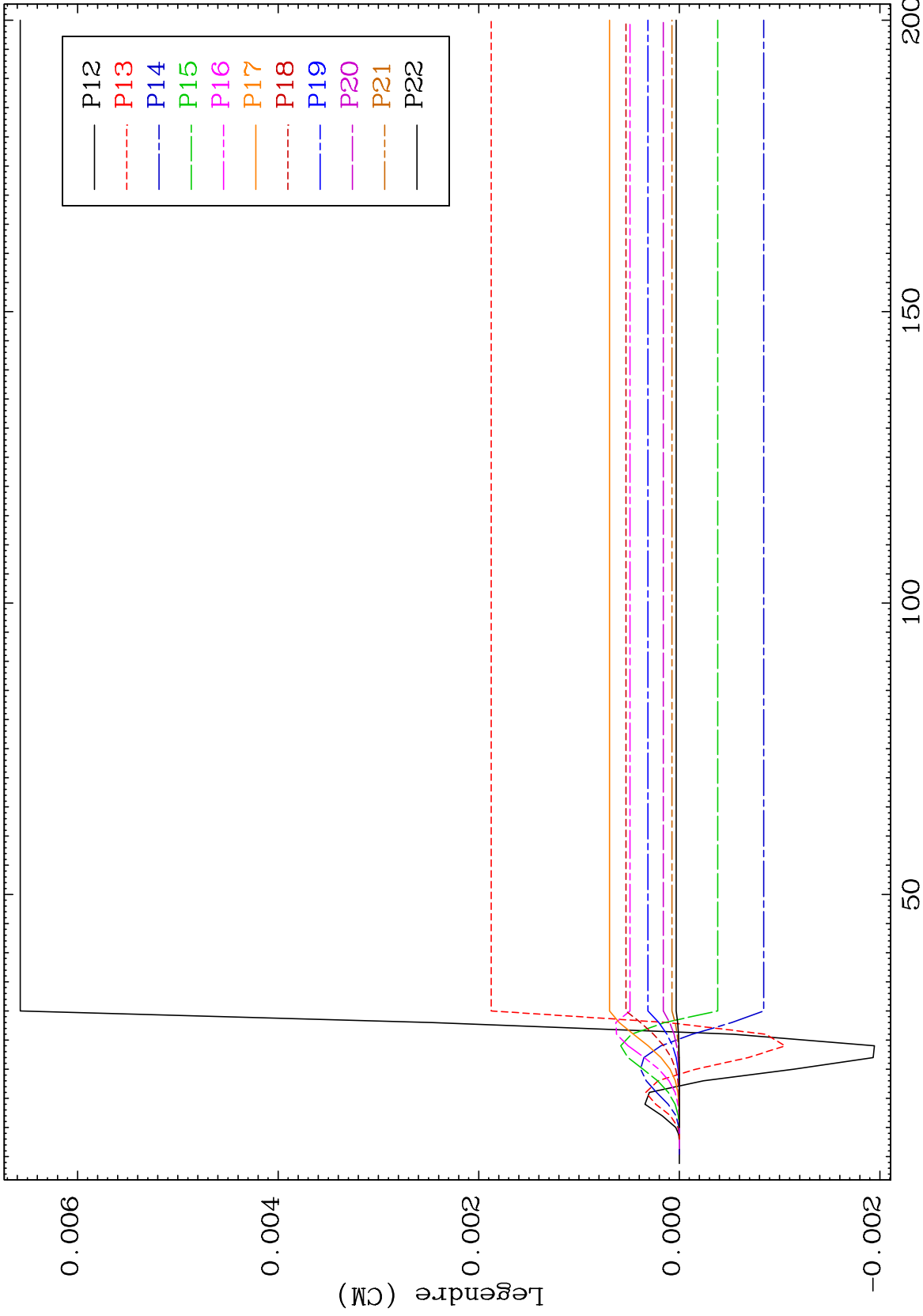
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



30

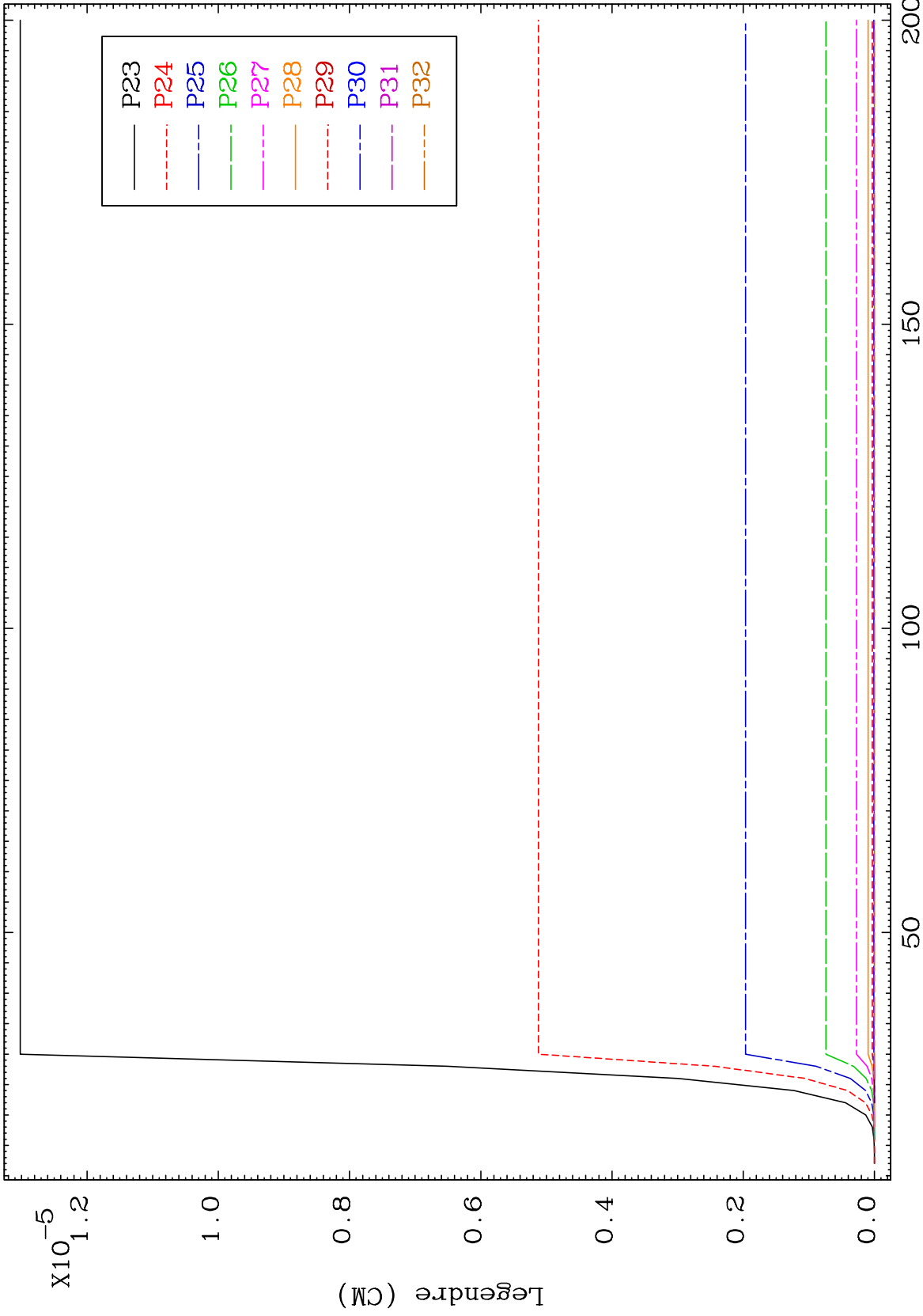
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71

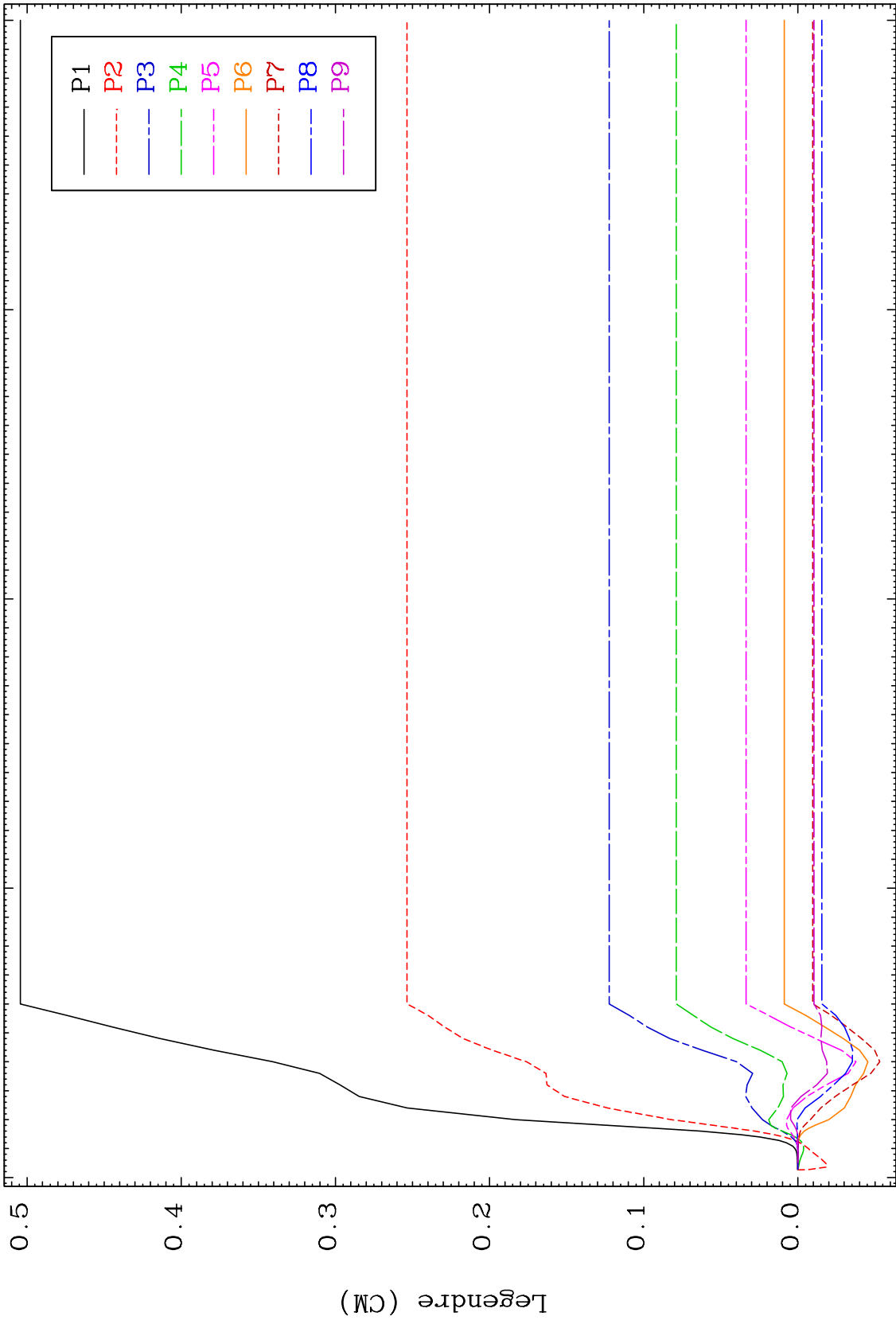


31

28-Ni-71



MAT 2864 MT= 55 (n,n') Level Legendre Coefficients 28-Ni-71

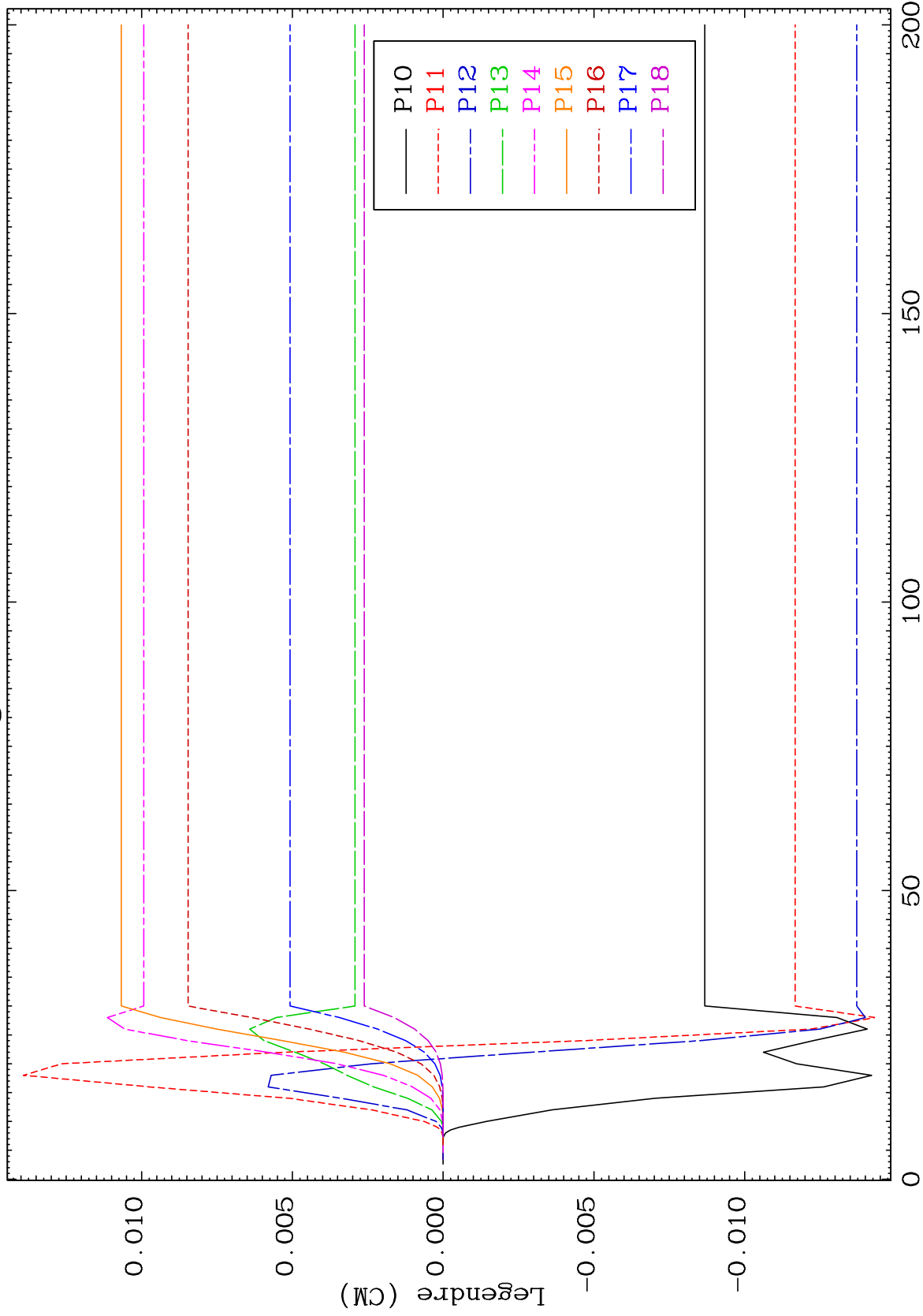


32 28-Ni-71

MAT 2864

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

28-Ni-71



33

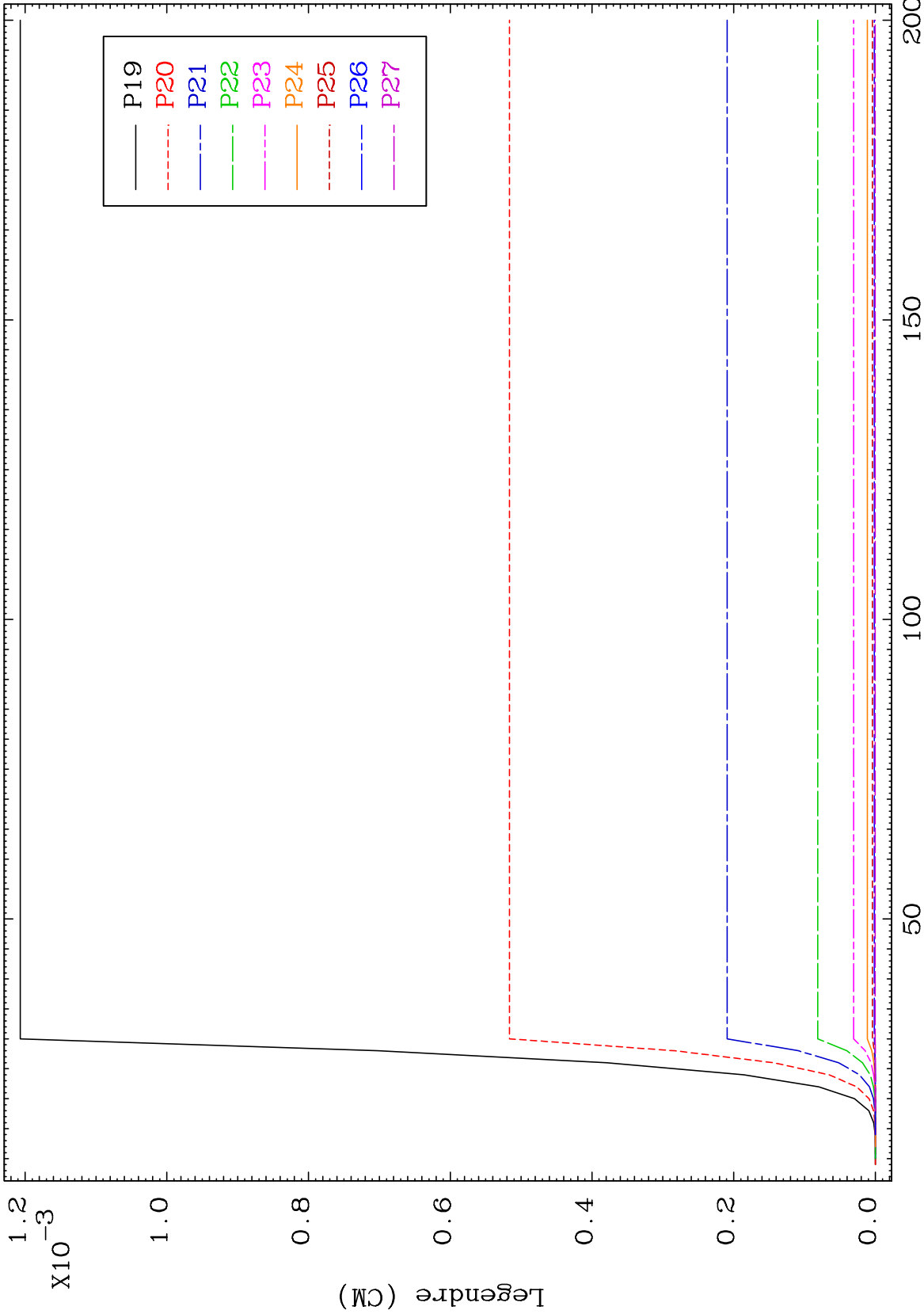
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71

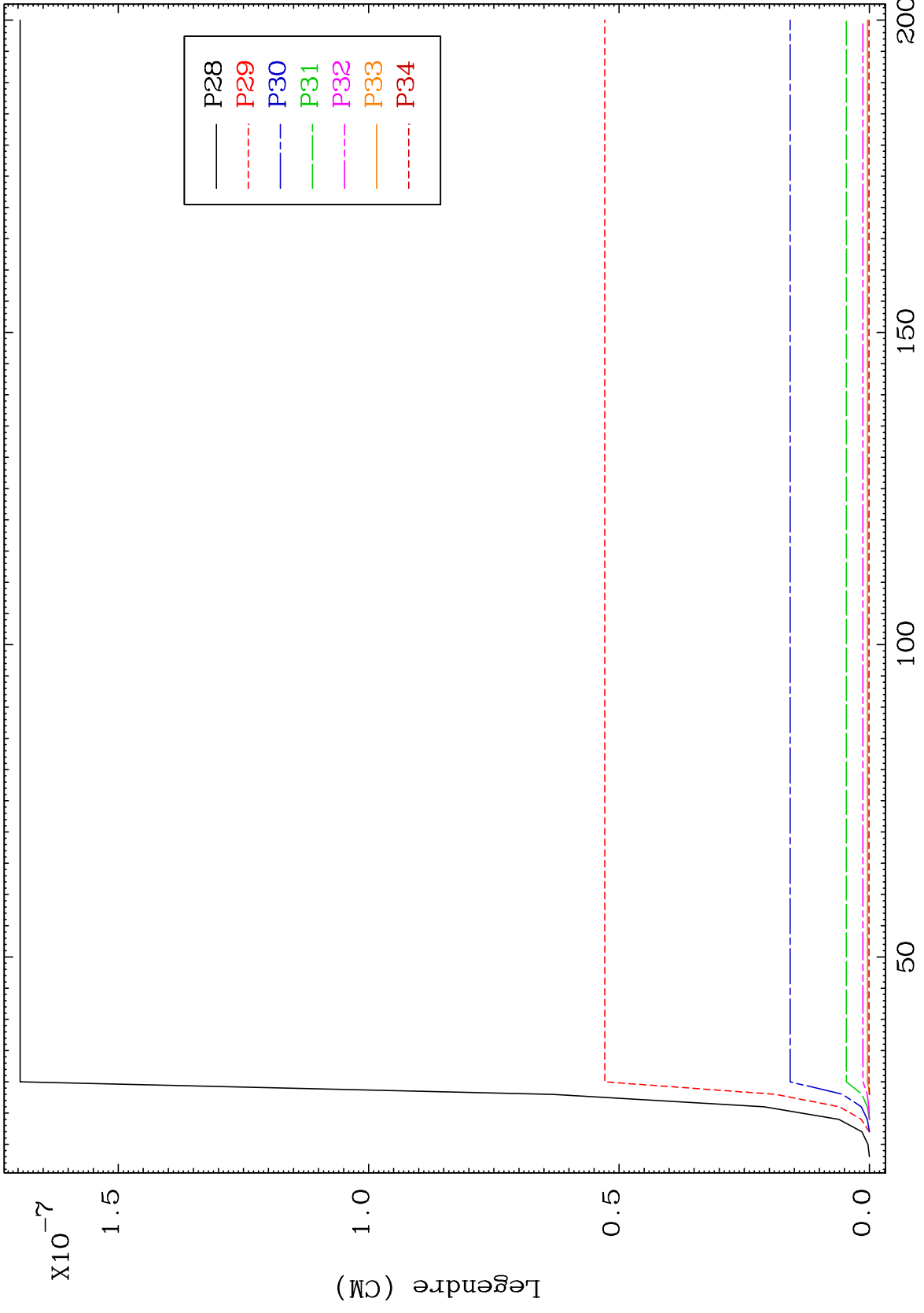


34

Incident Energy (MeV)

28-Ni-71

MAT 2864 MT= 55 (n,n') Level Legendre Coefficients 28-Ni-71

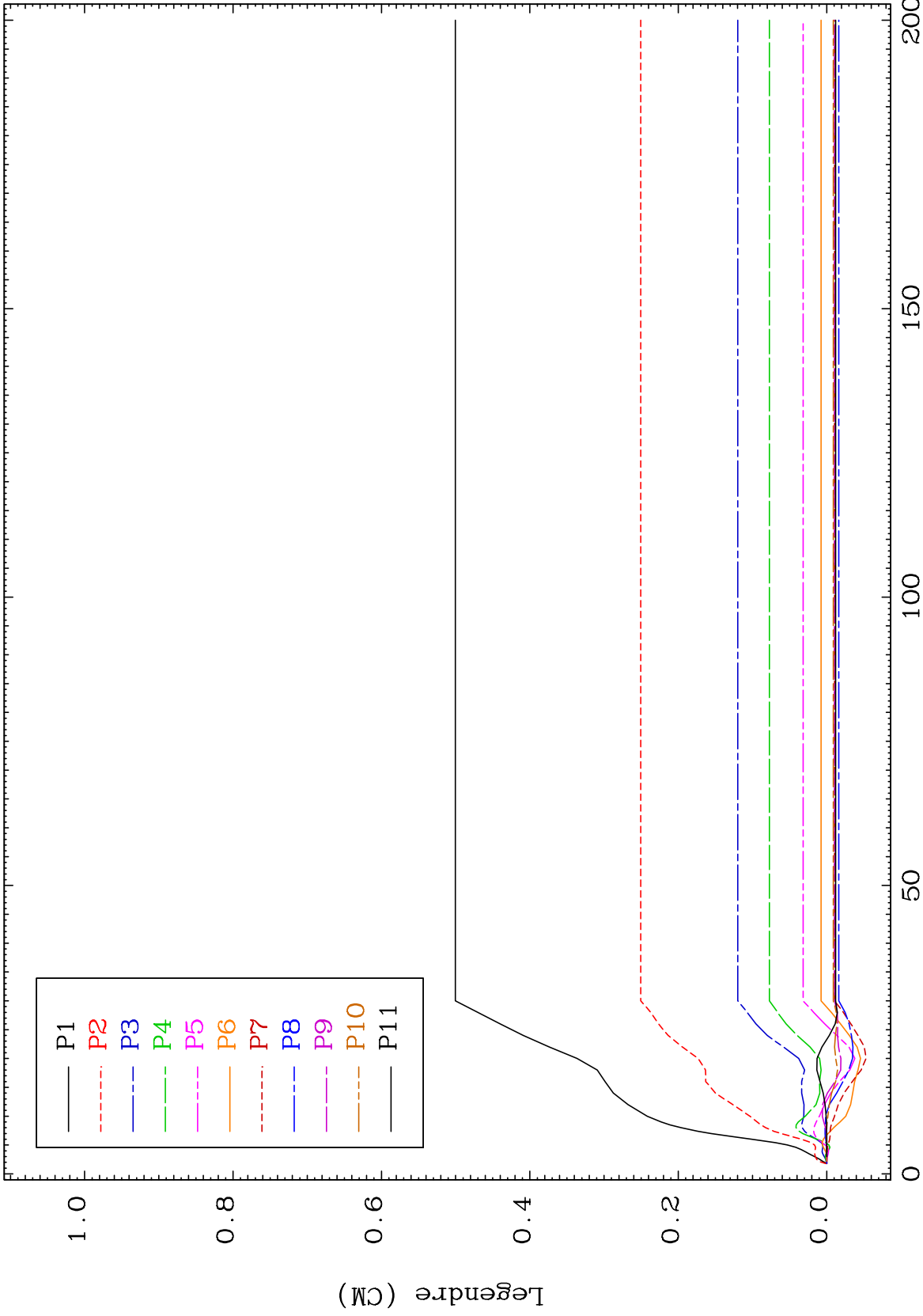


35 Incident Energy (MeV) 28-Ni-71

MAT 2864

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

28-Ni-71



36

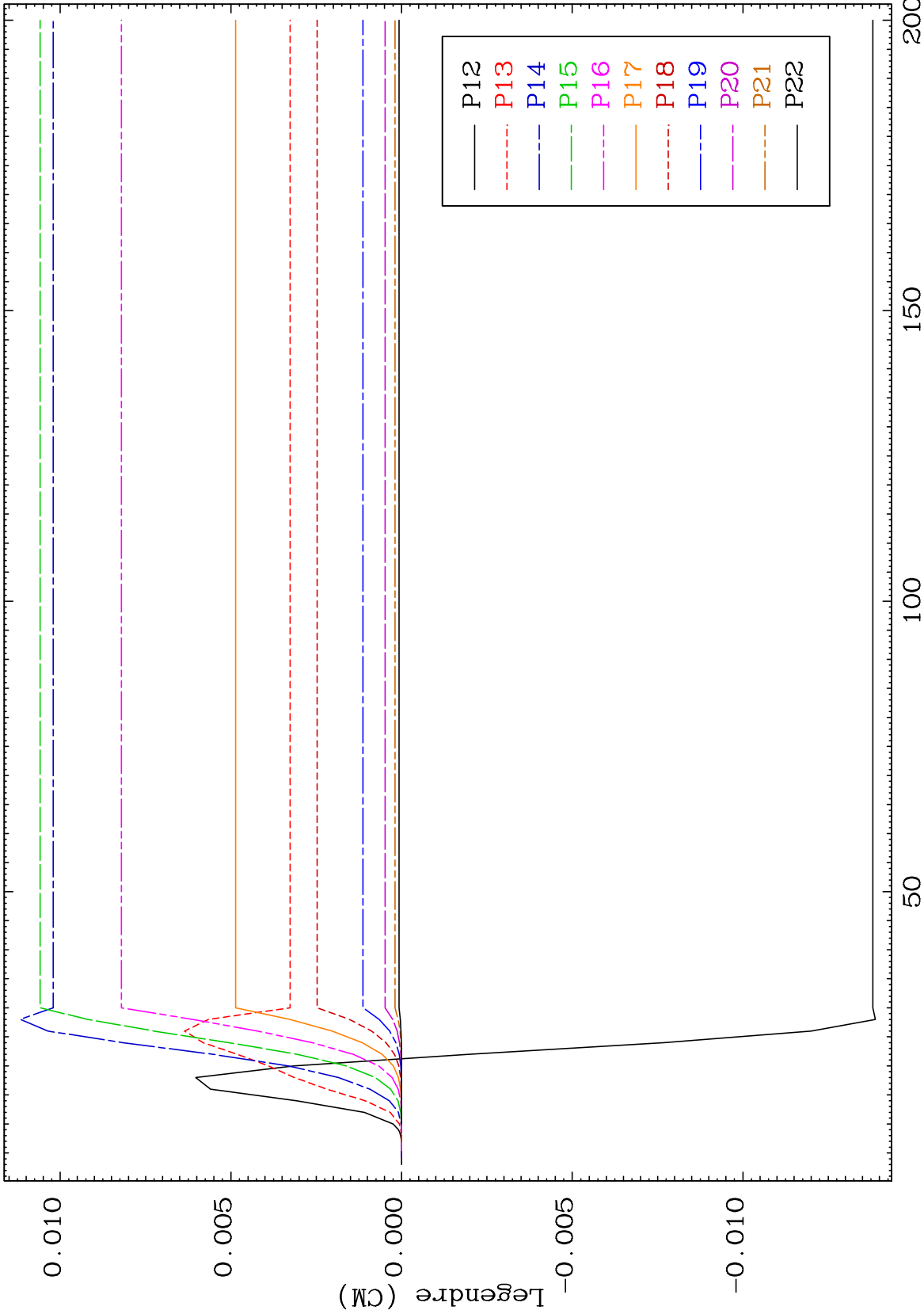
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



37

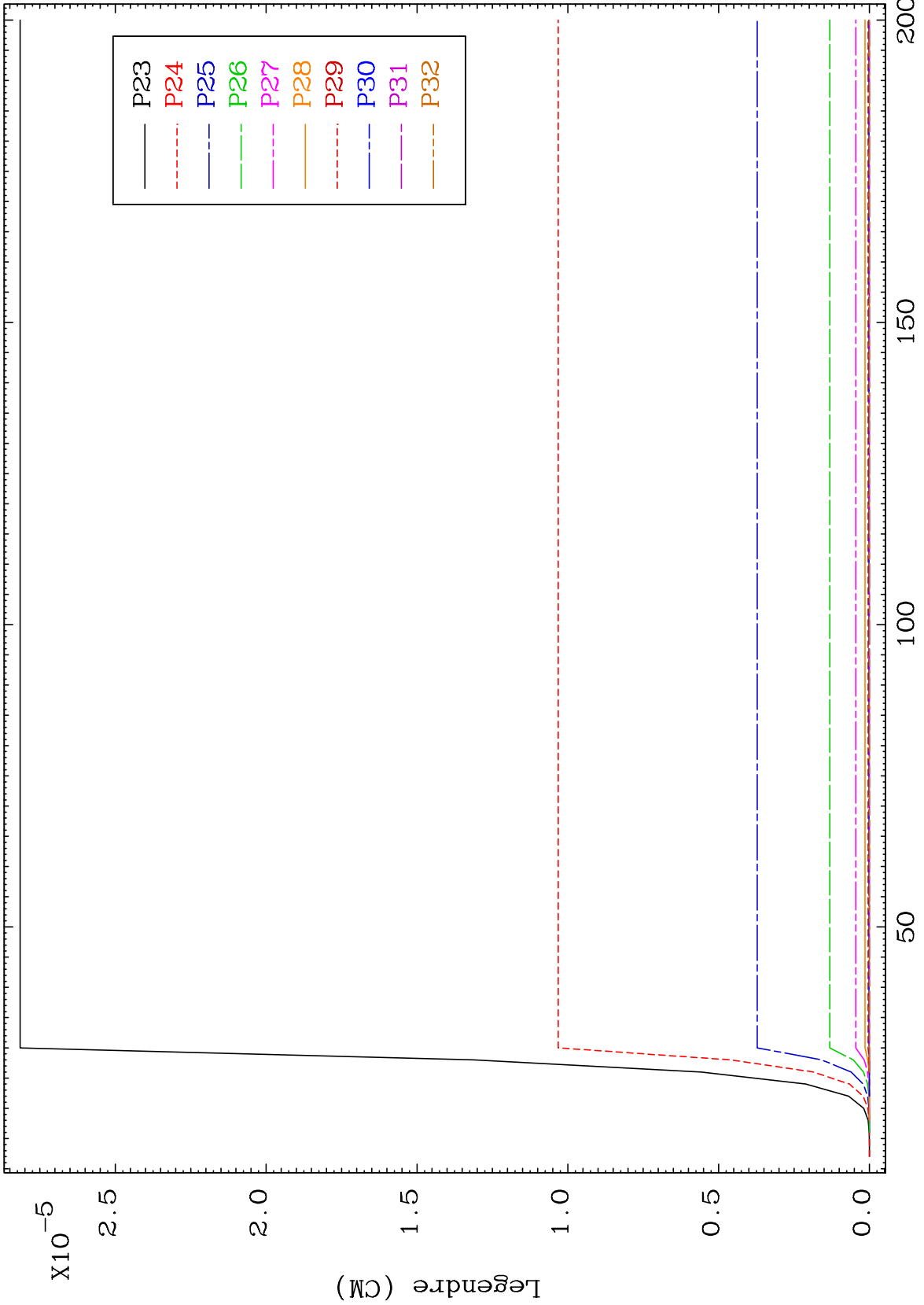
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



38

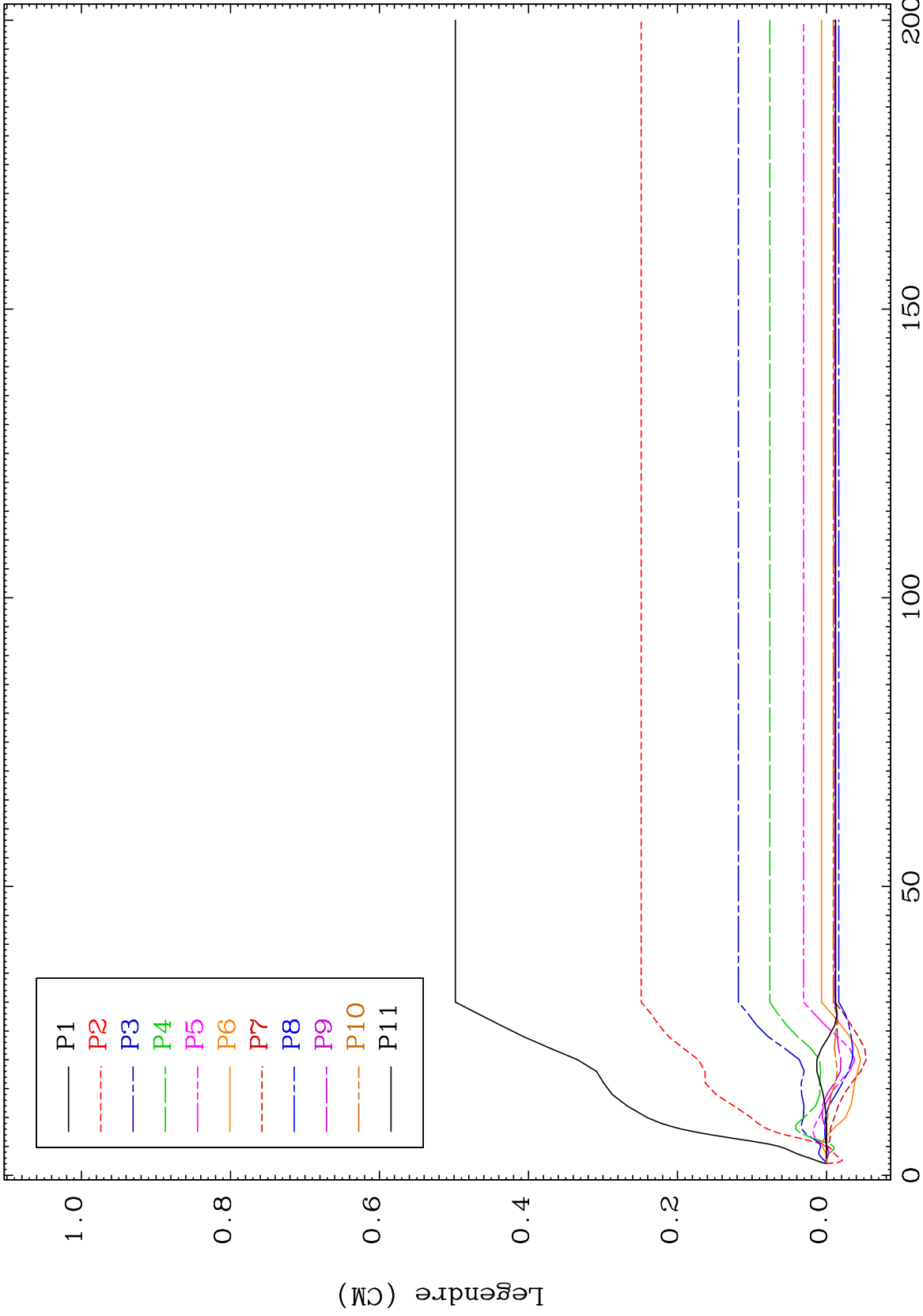
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



39

Incident Energy (MeV)

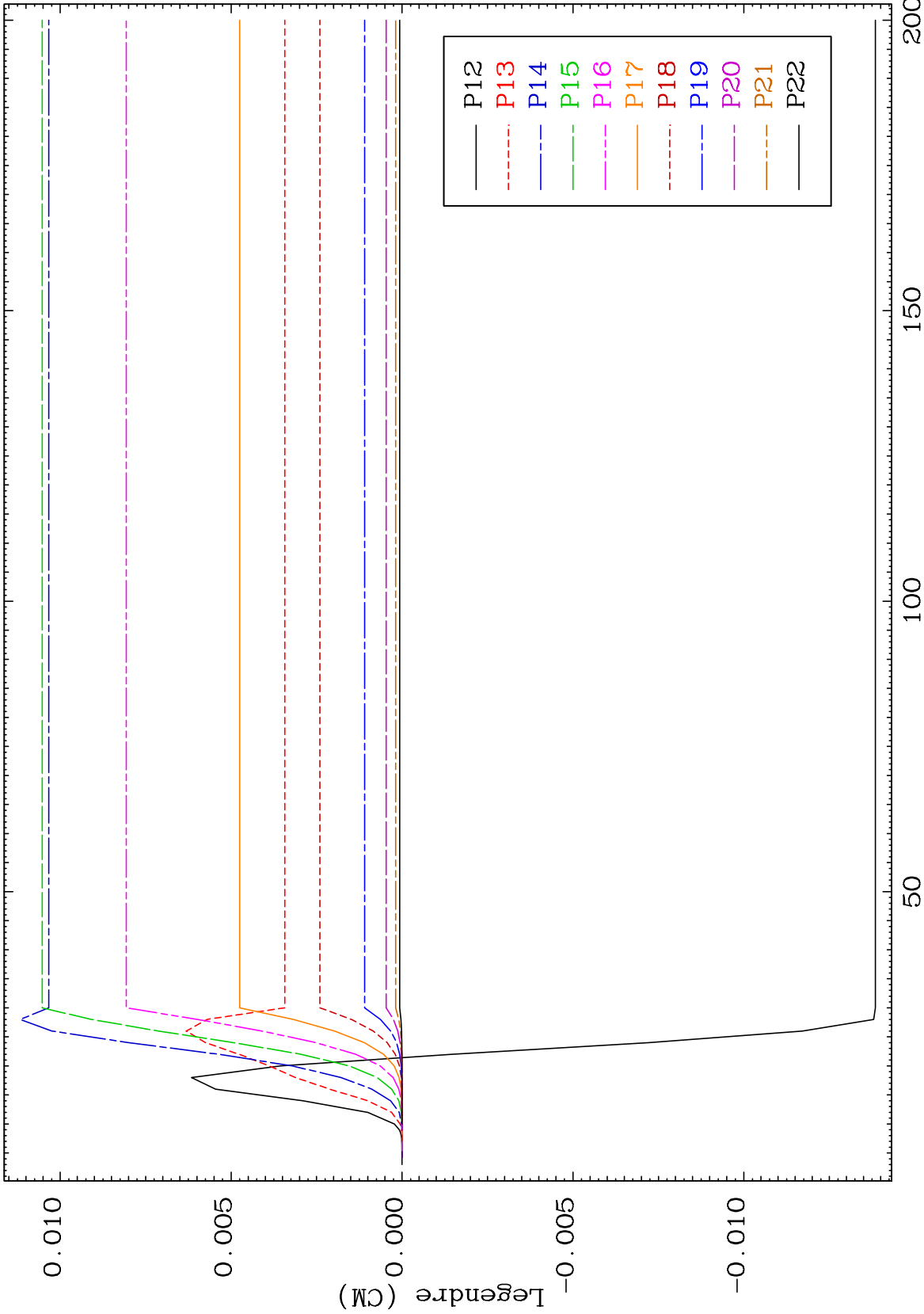
28-Ni-71



MAT 2864

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

28-Ni-71



40

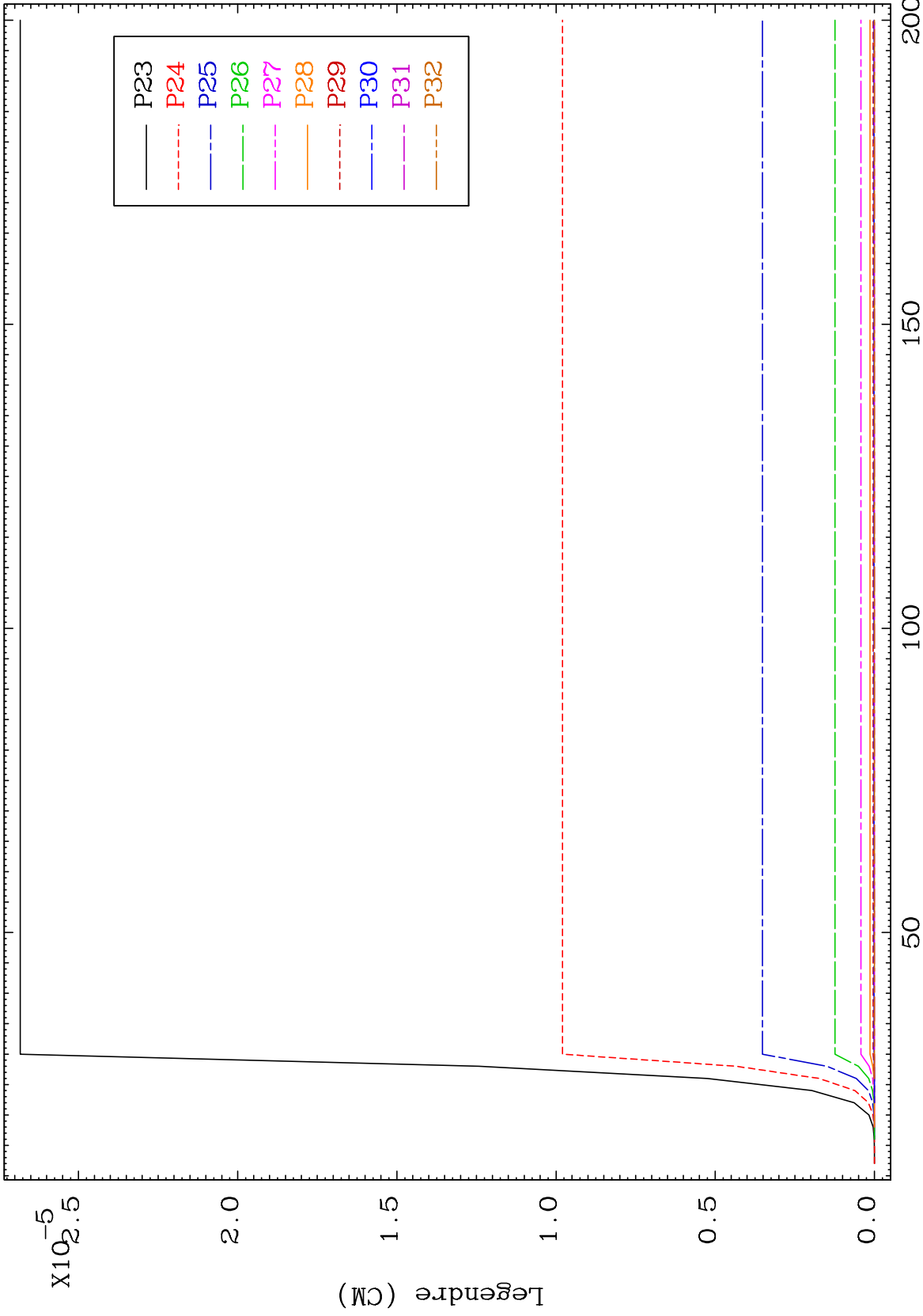
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



41

MAT 2864

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

28-Ni-71



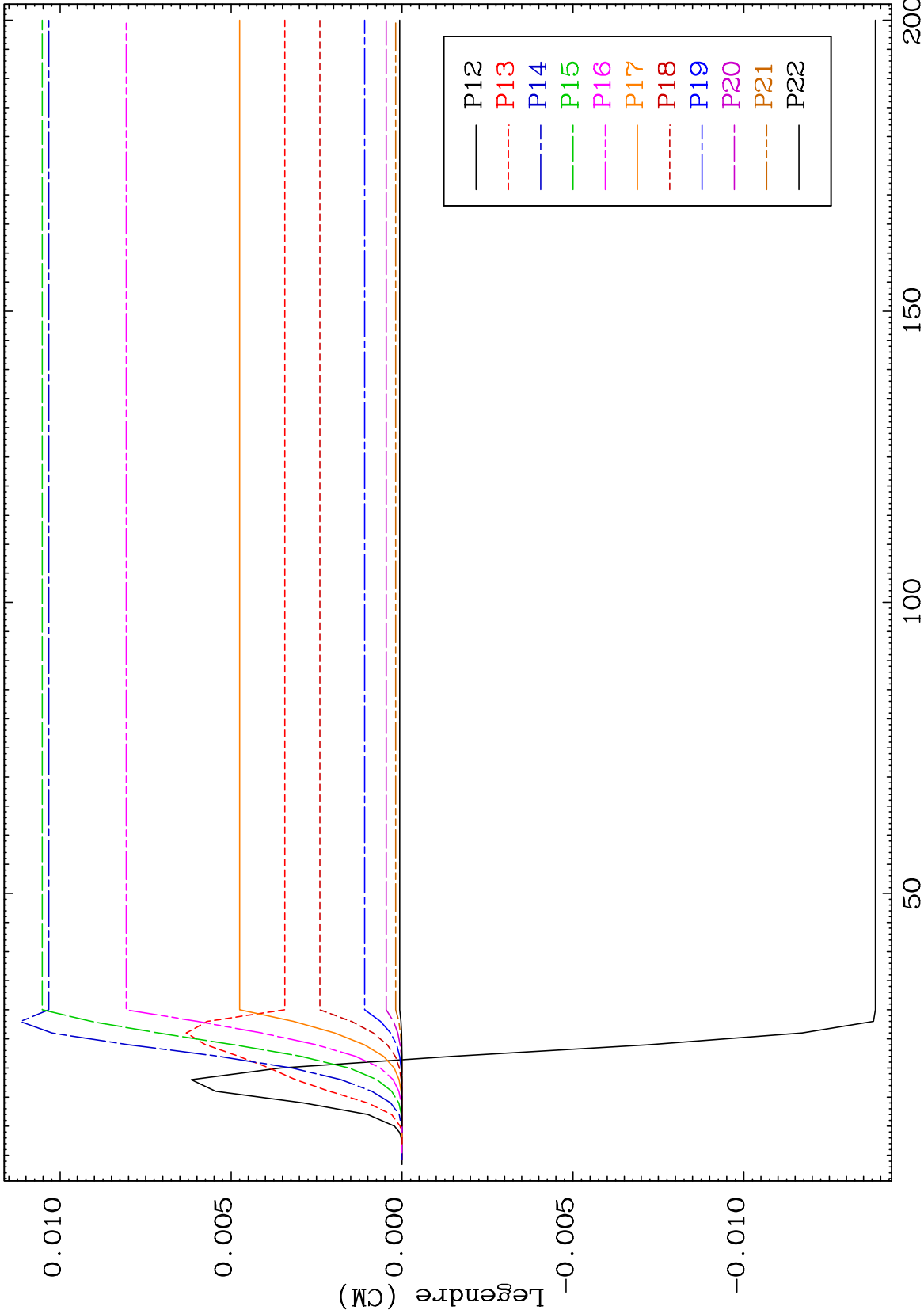
42

28-Ni-71

MAT 2864

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

28-Ni-71



43

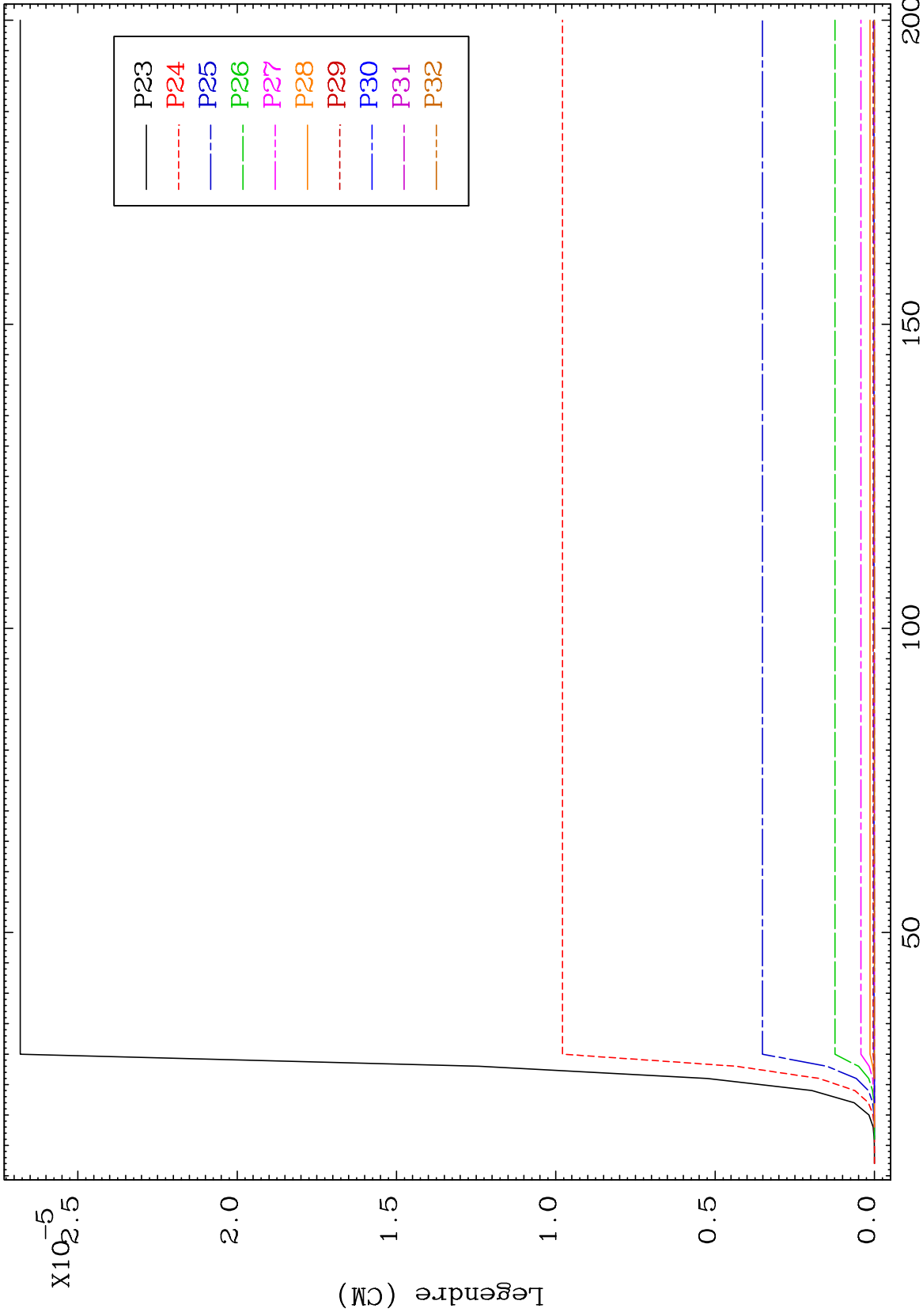
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



44

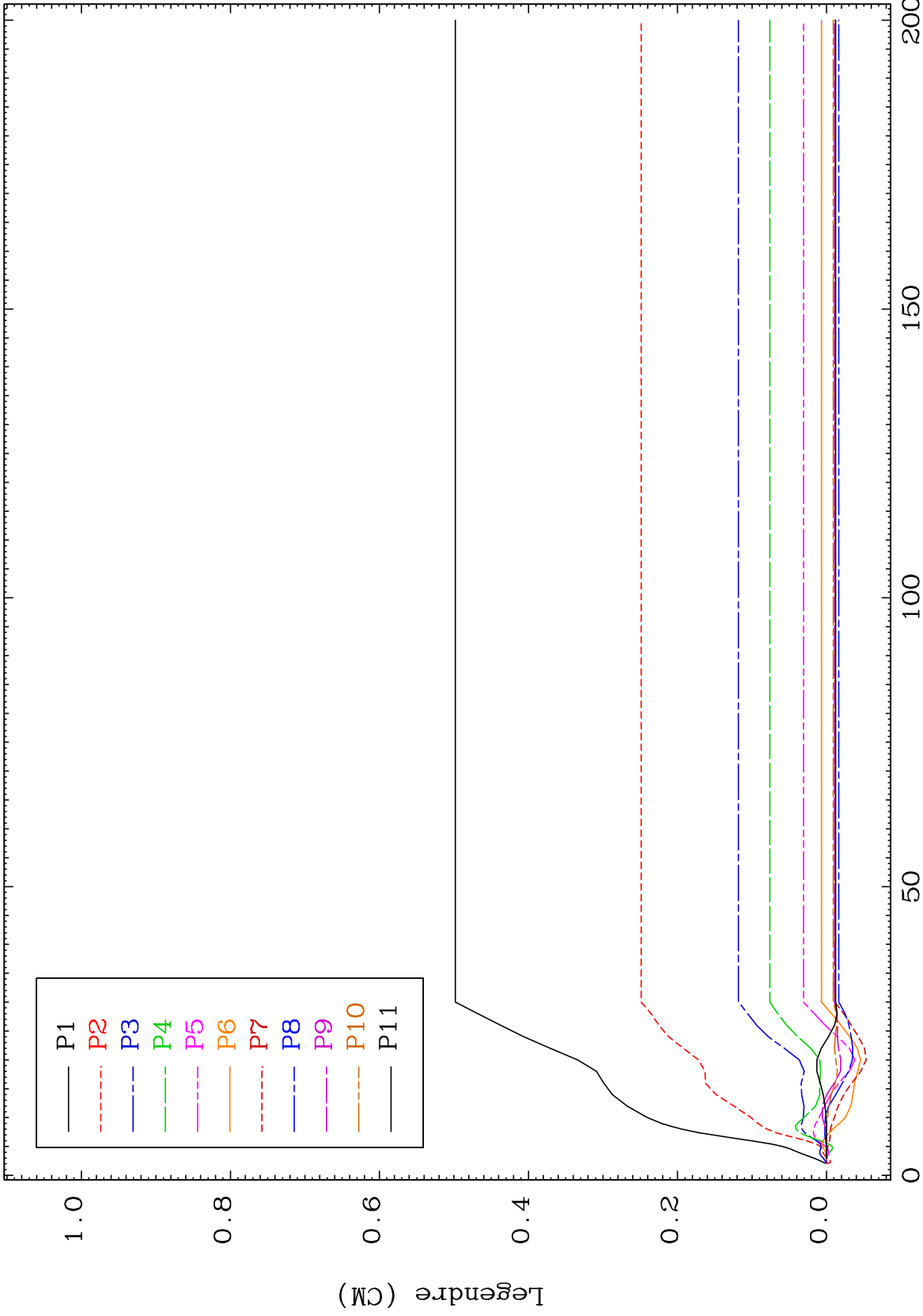
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



45

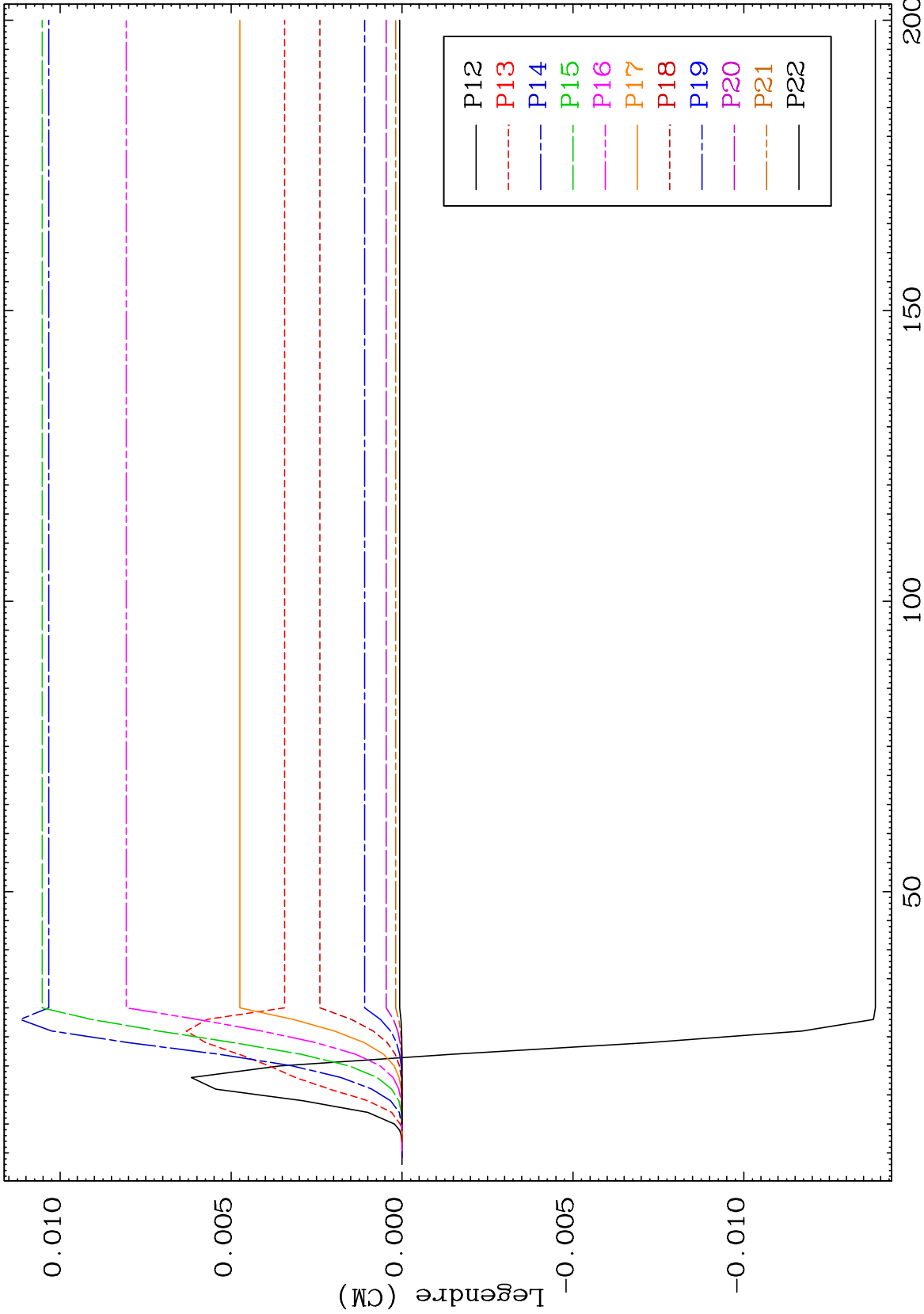
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



46

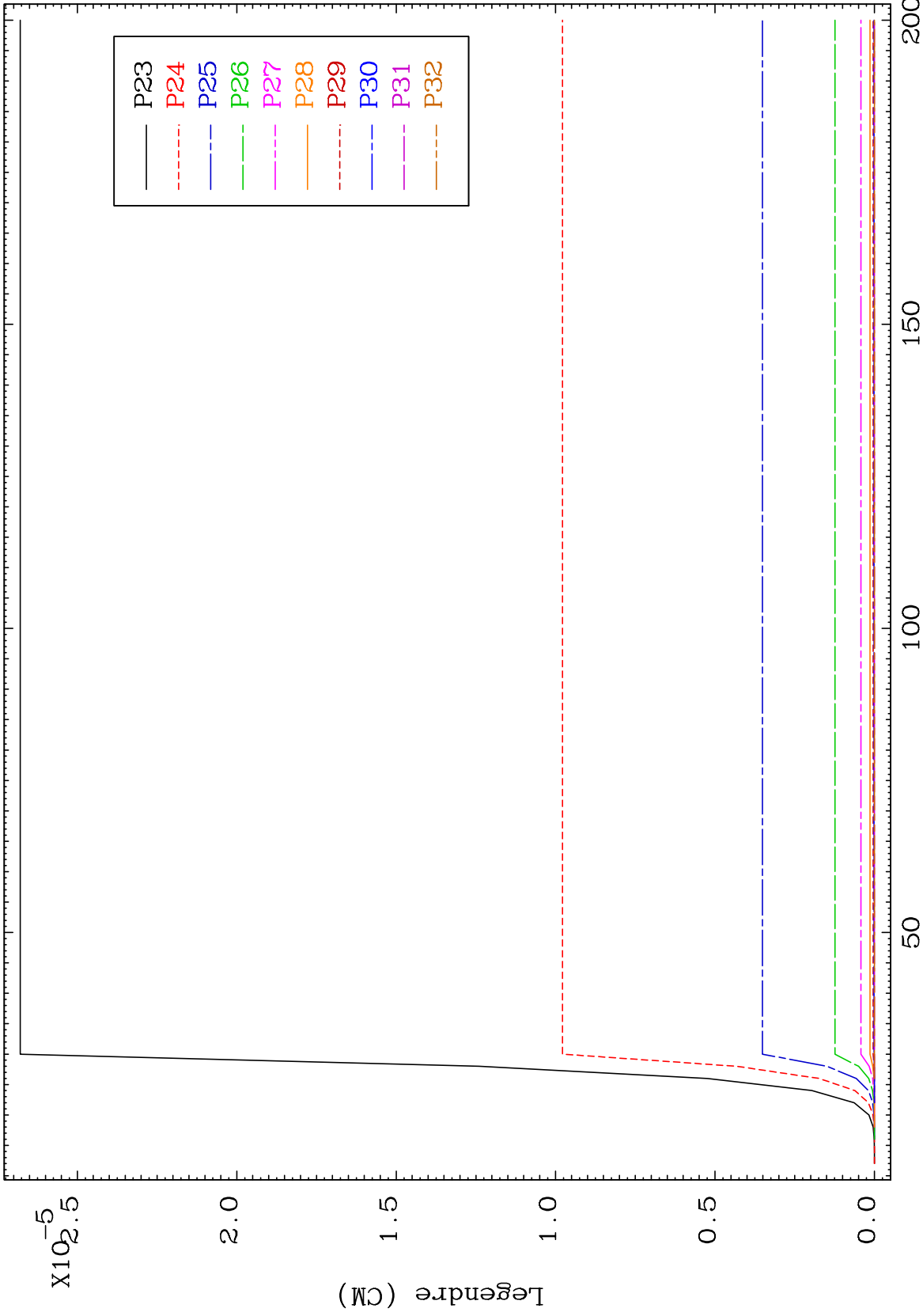
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



47

Incident Energy (MeV)

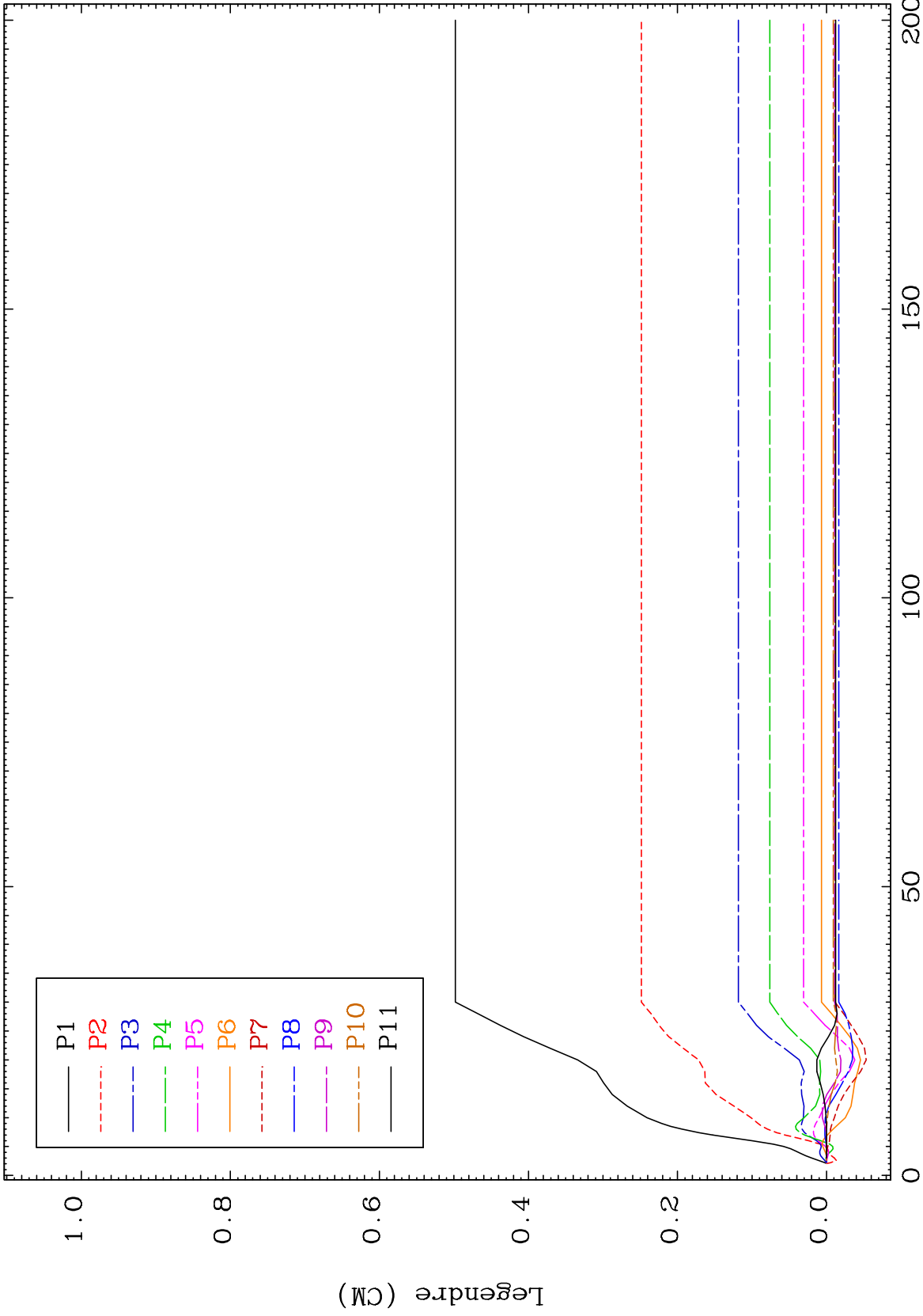
28-Ni-71



MAT 2864

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

28-Ni-71



48

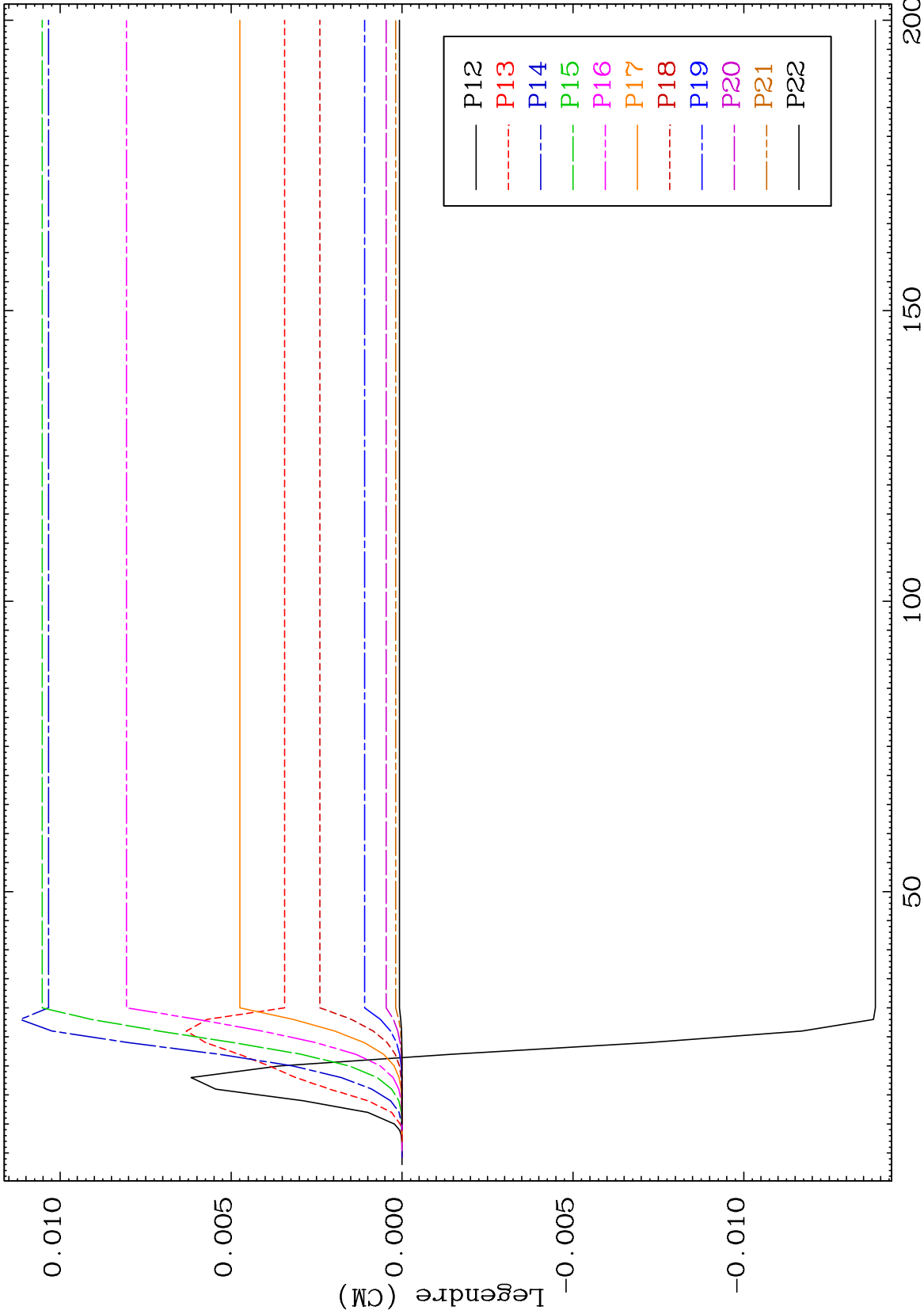
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71

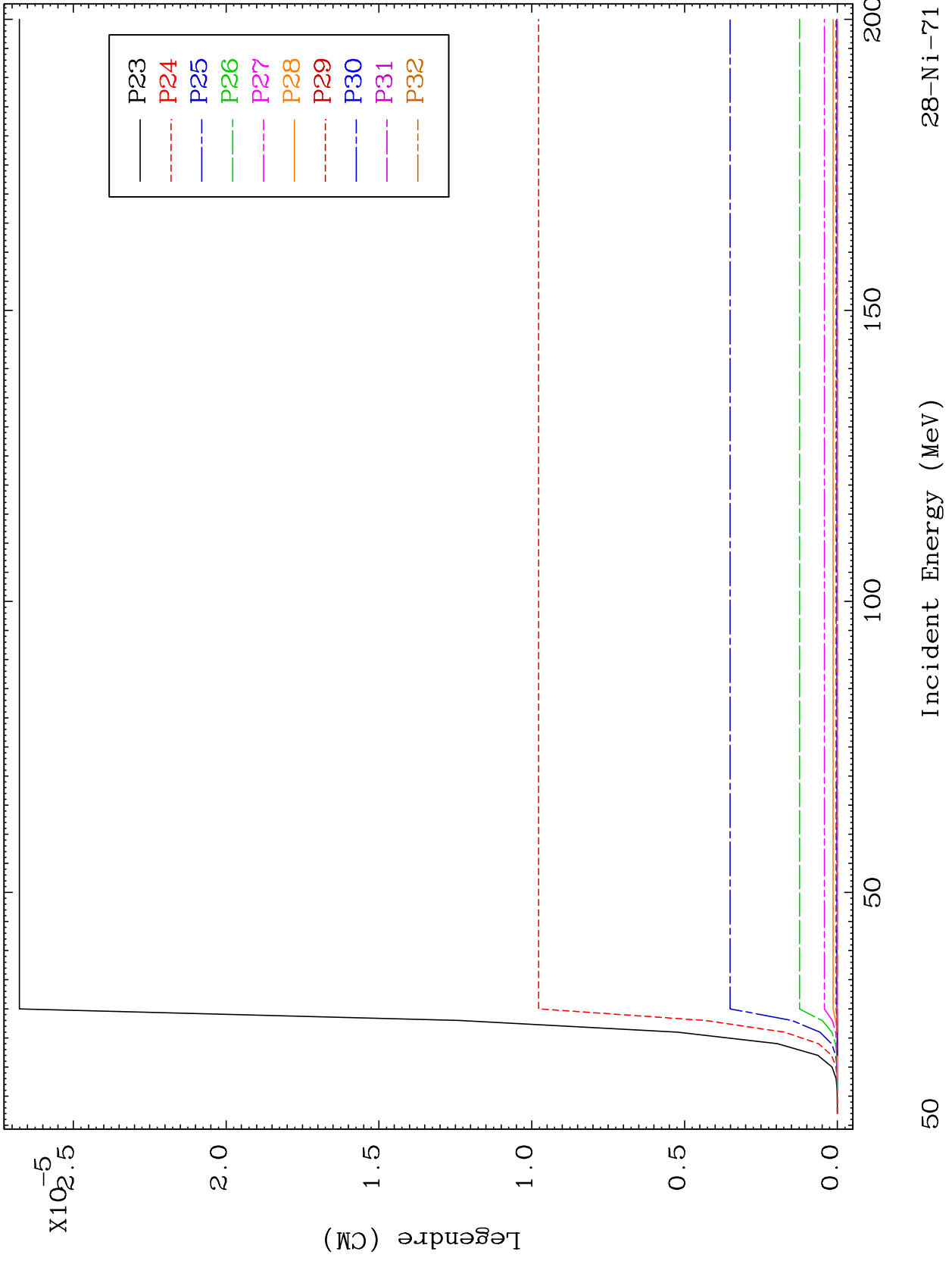


49

Incident Energy (MeV)

28-Ni-71

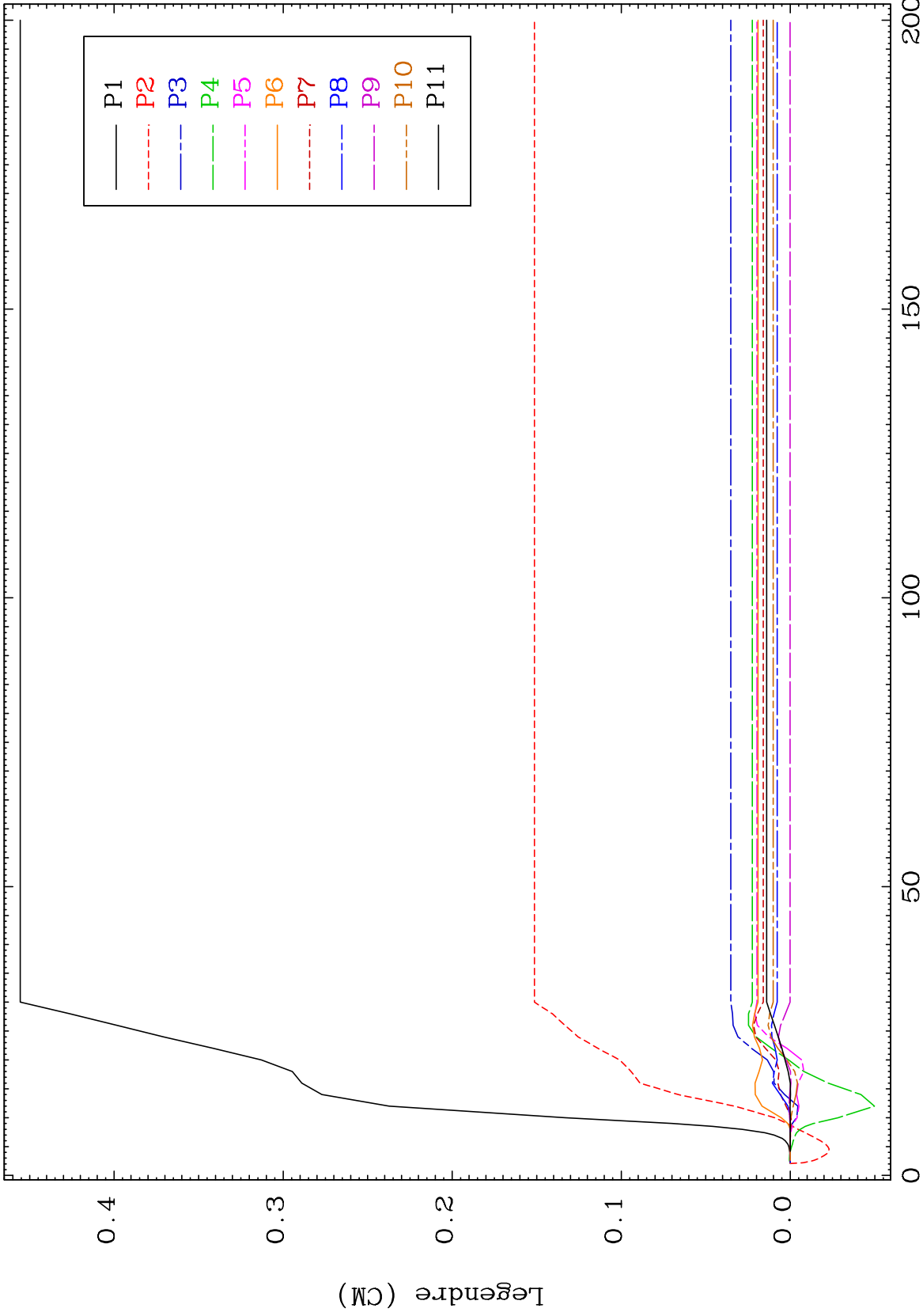
MAT 2864 MT= 60 (n,n') Level Legendre Coefficients 28-Ni-71



MAT 2864

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

28-Ni-71



51

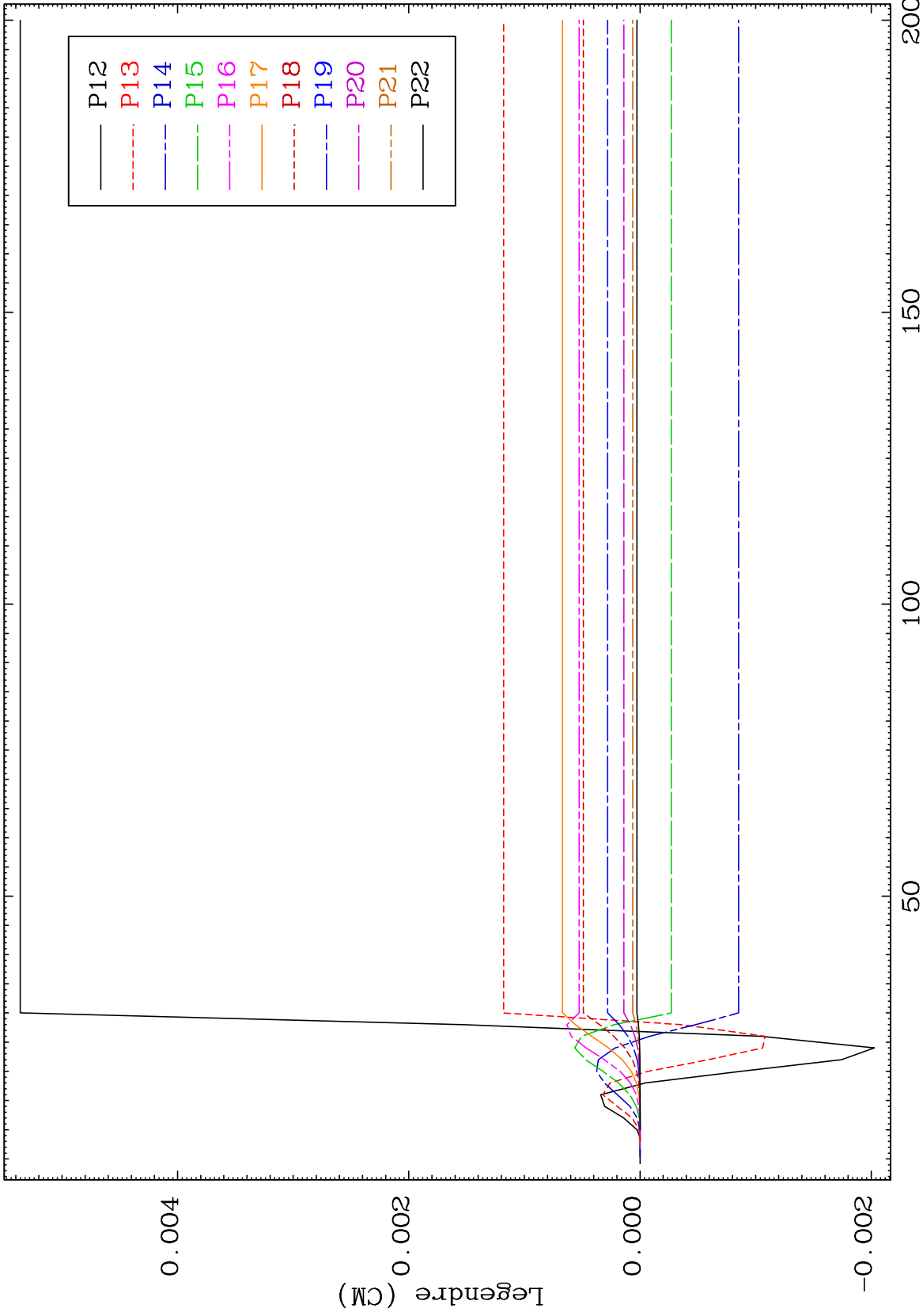
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



52

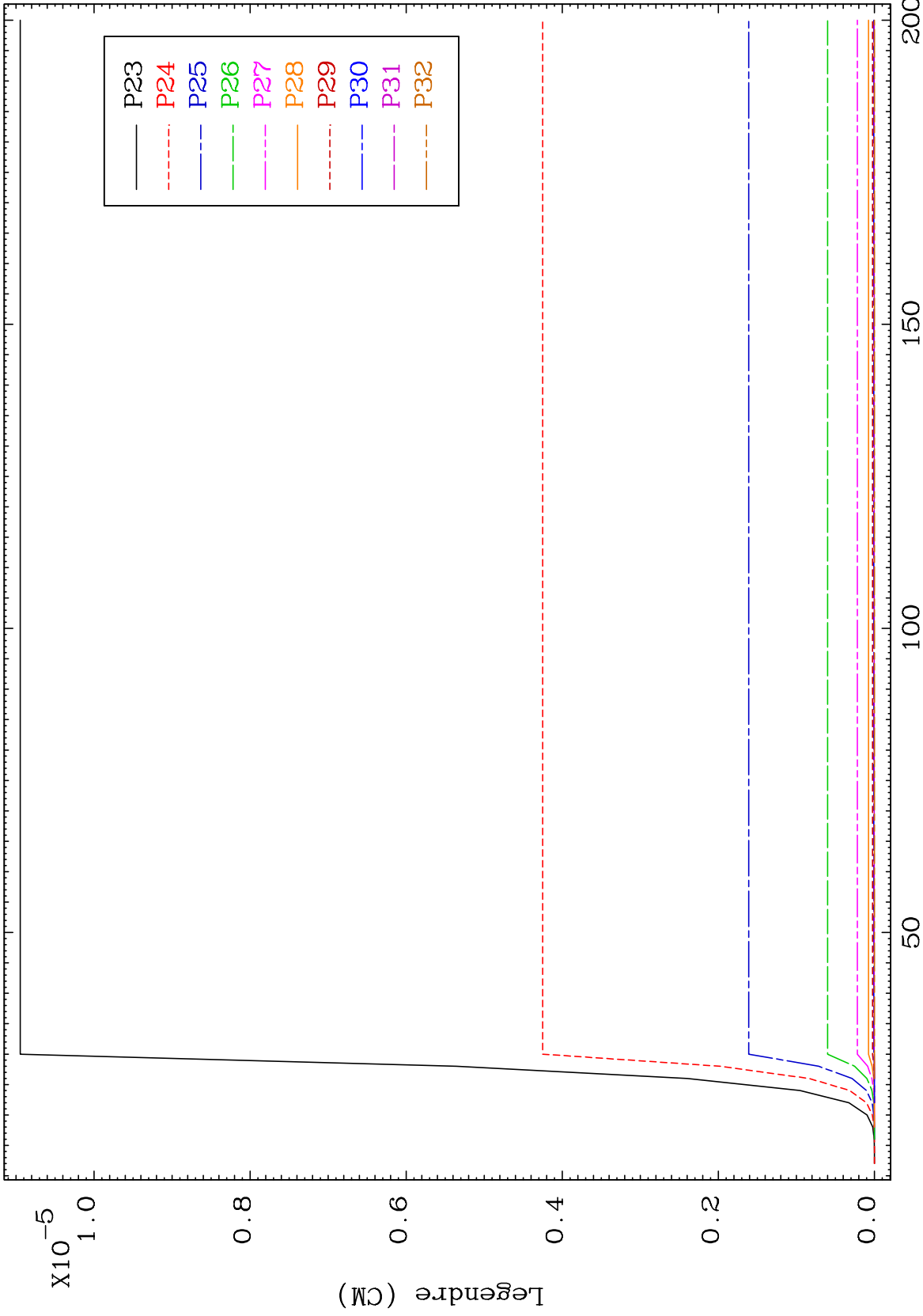
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



53

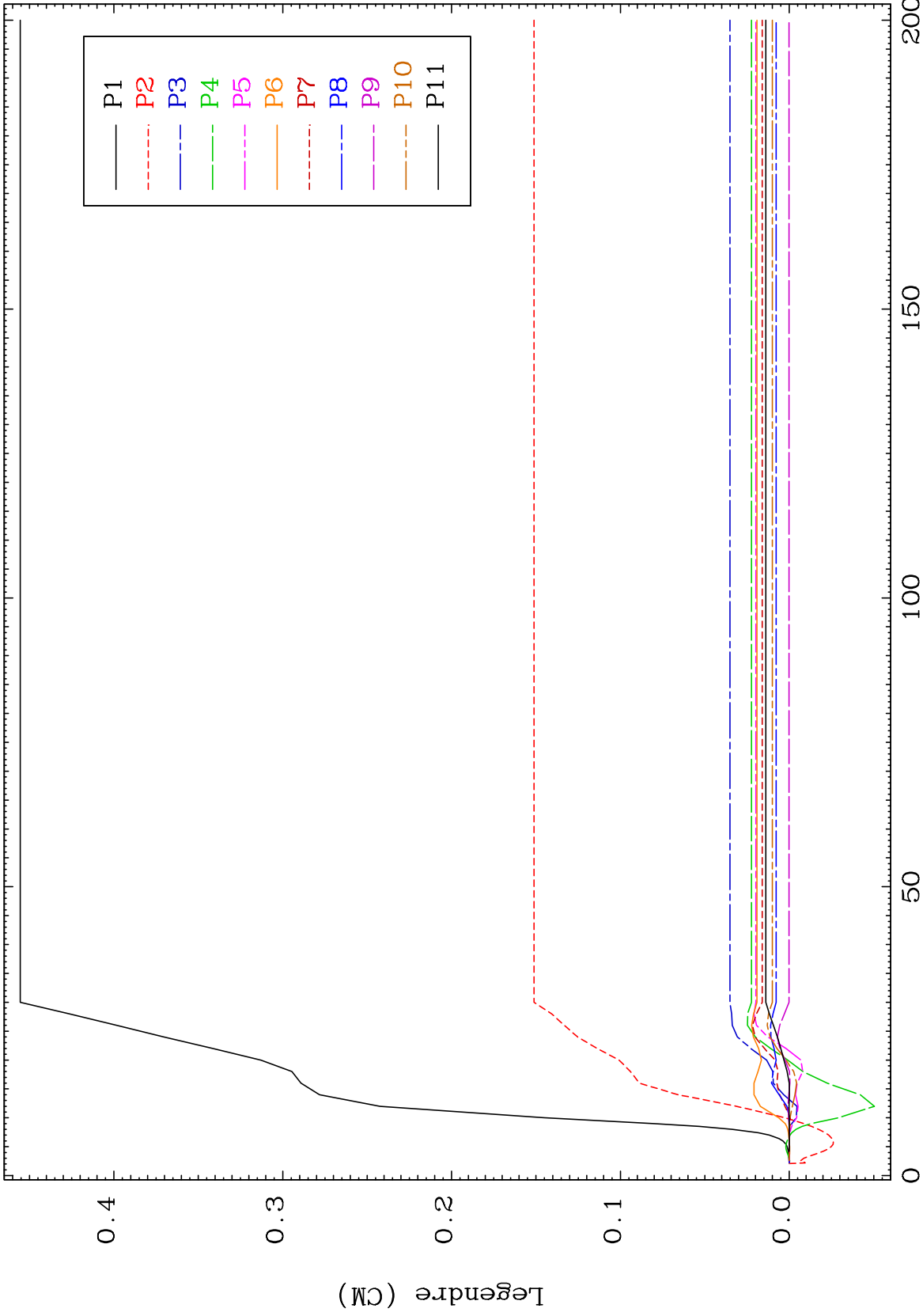
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



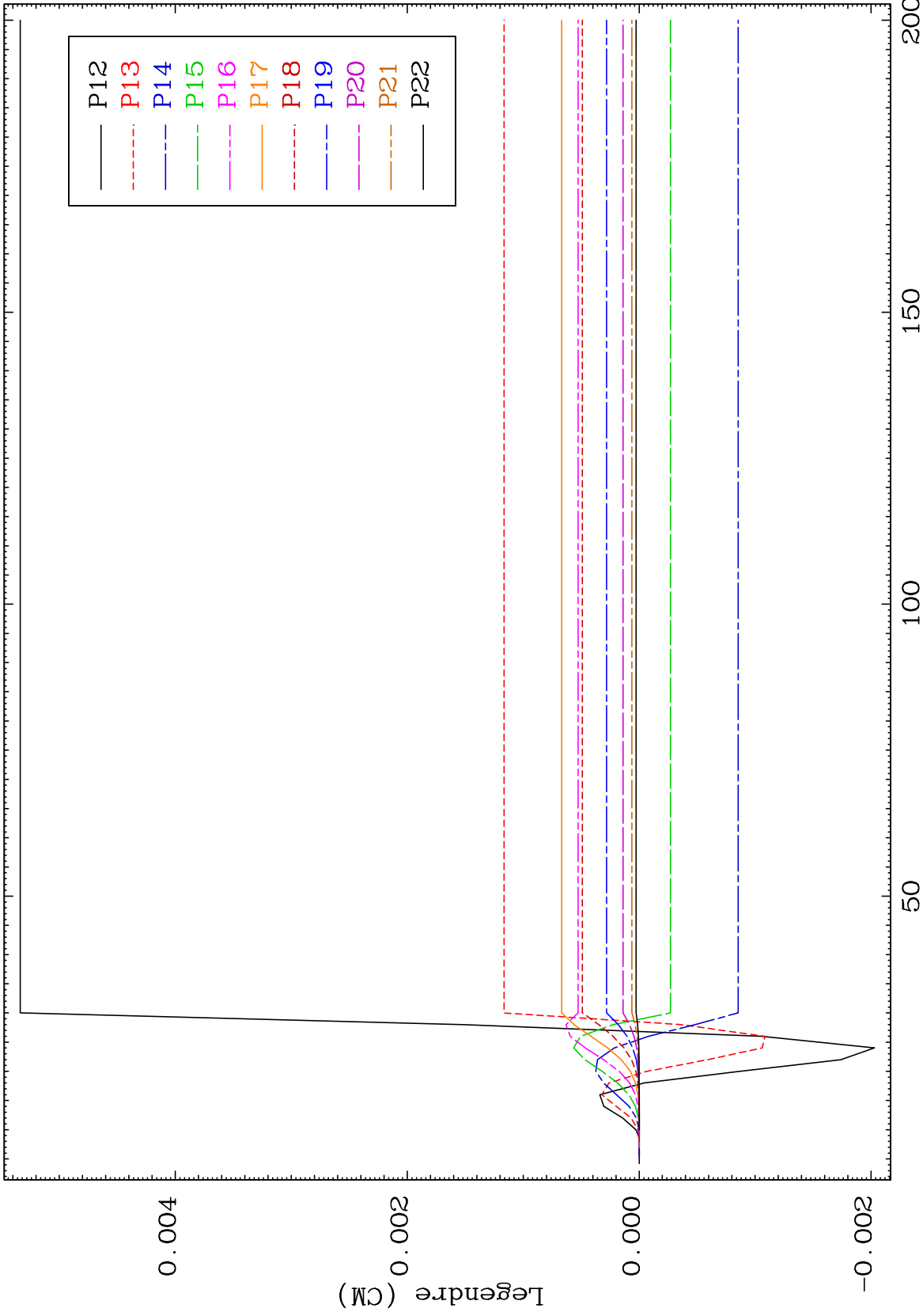
54

28-Ni-71

MAT 2864

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

28-Ni-71



55

Incident Energy (MeV)

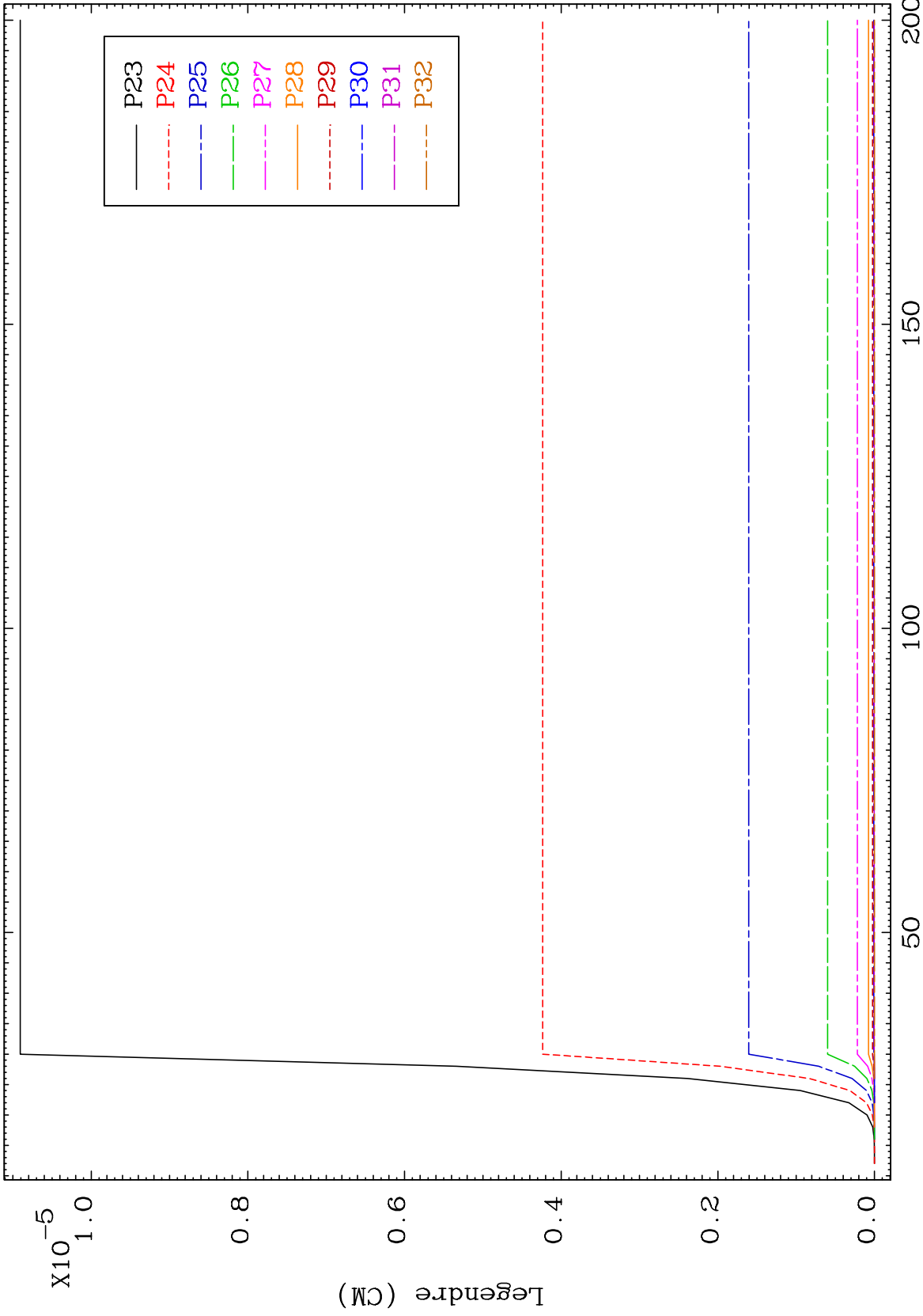
28-Ni-71



MAT 2864

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

28-Ni-71



56

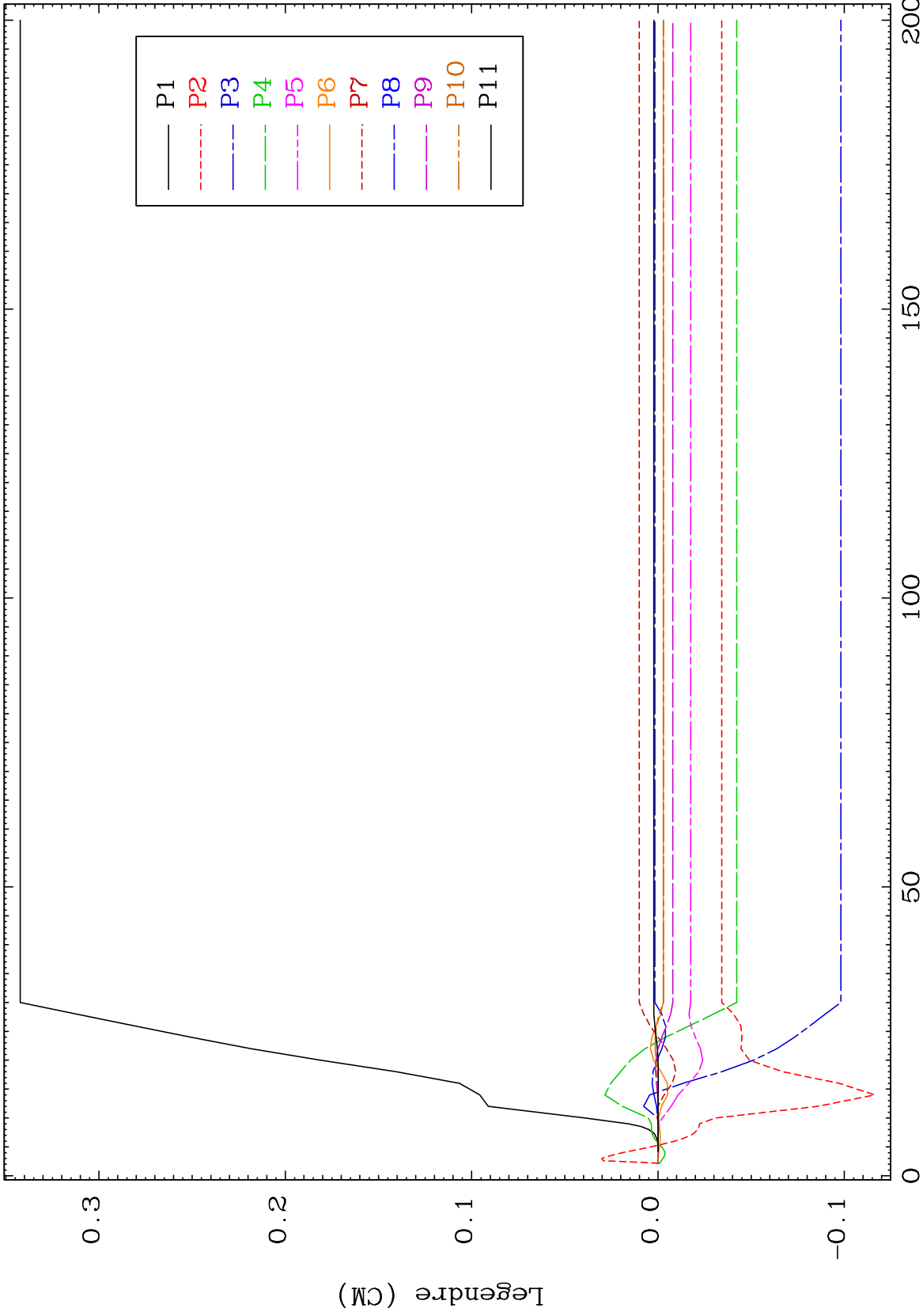
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



57

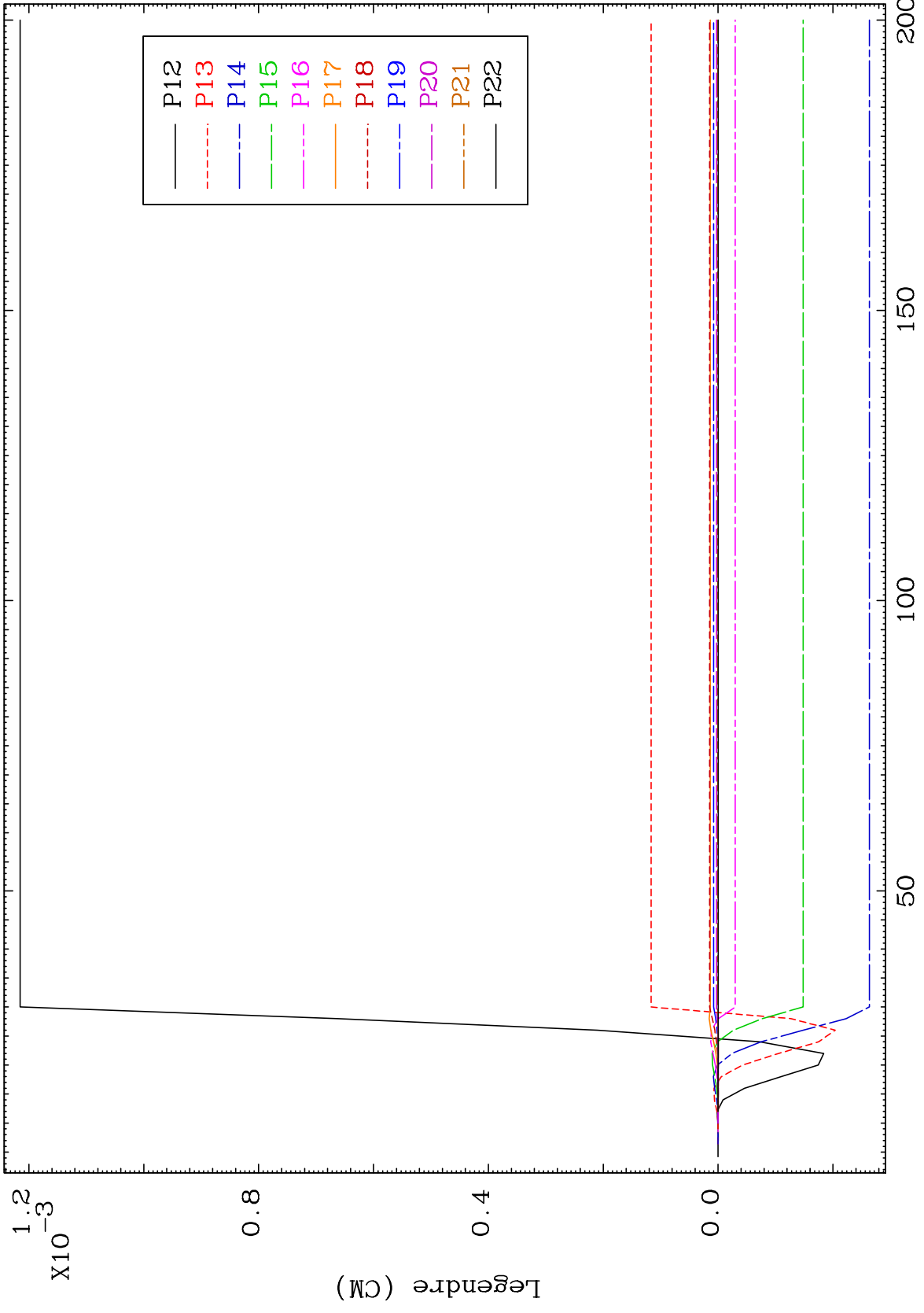
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



58

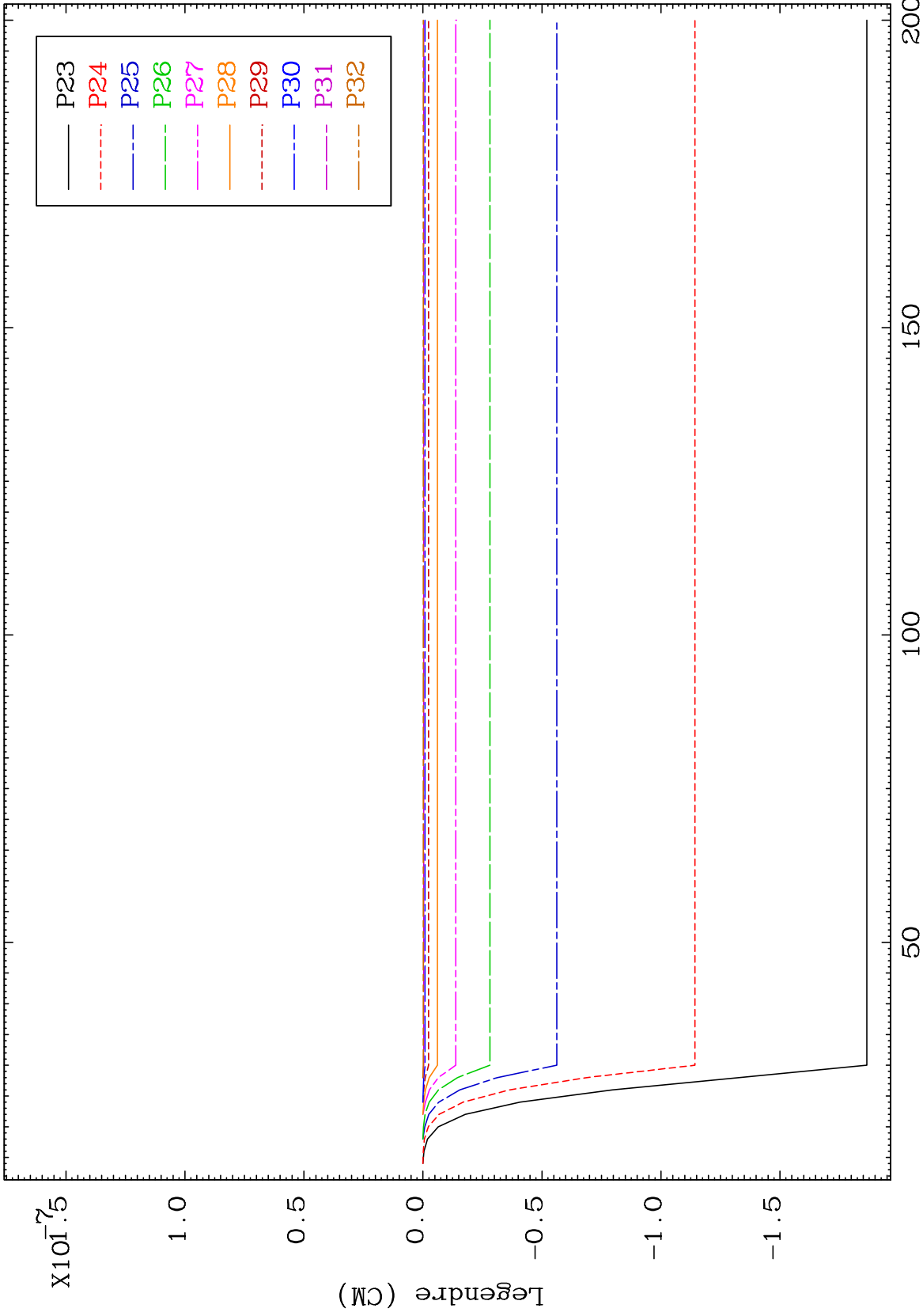
Incident Energy (MeV)

28-Ni-71

MAT 2864

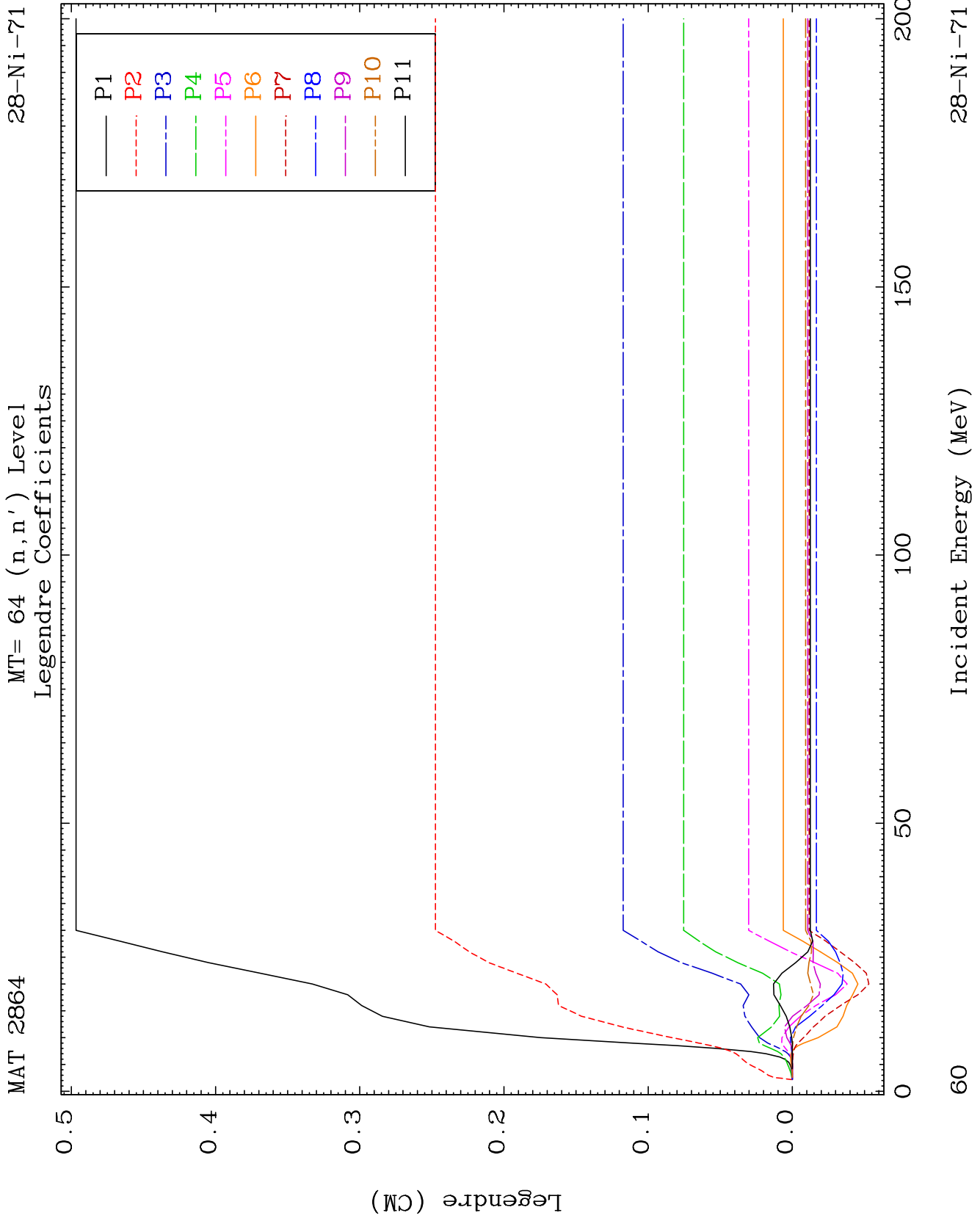
MT= 63 (n,n') Level  
Legendre Coefficients

28-Ni-71



59

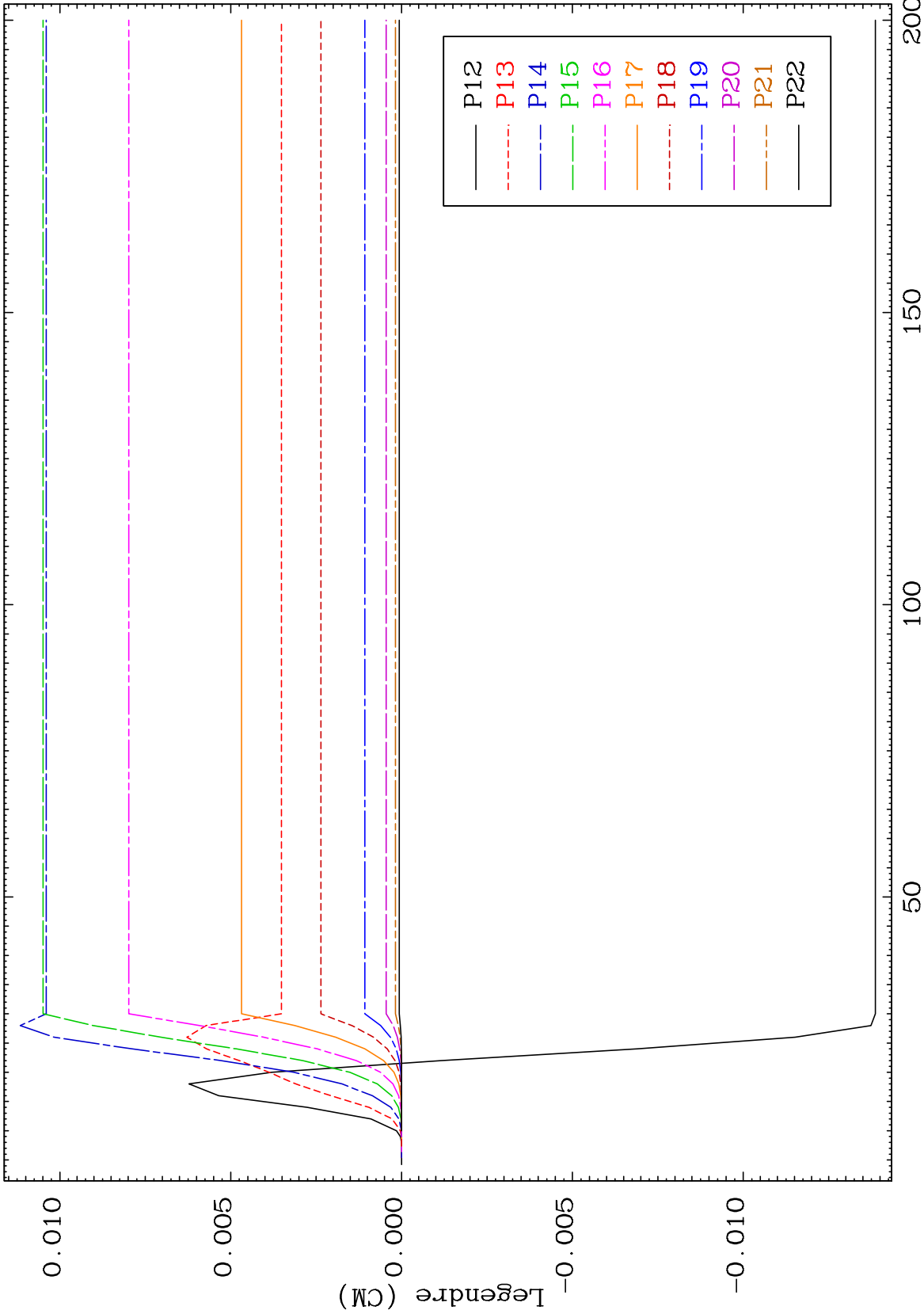
28-Ni-71



MAT 2864

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

28-Ni-71



61

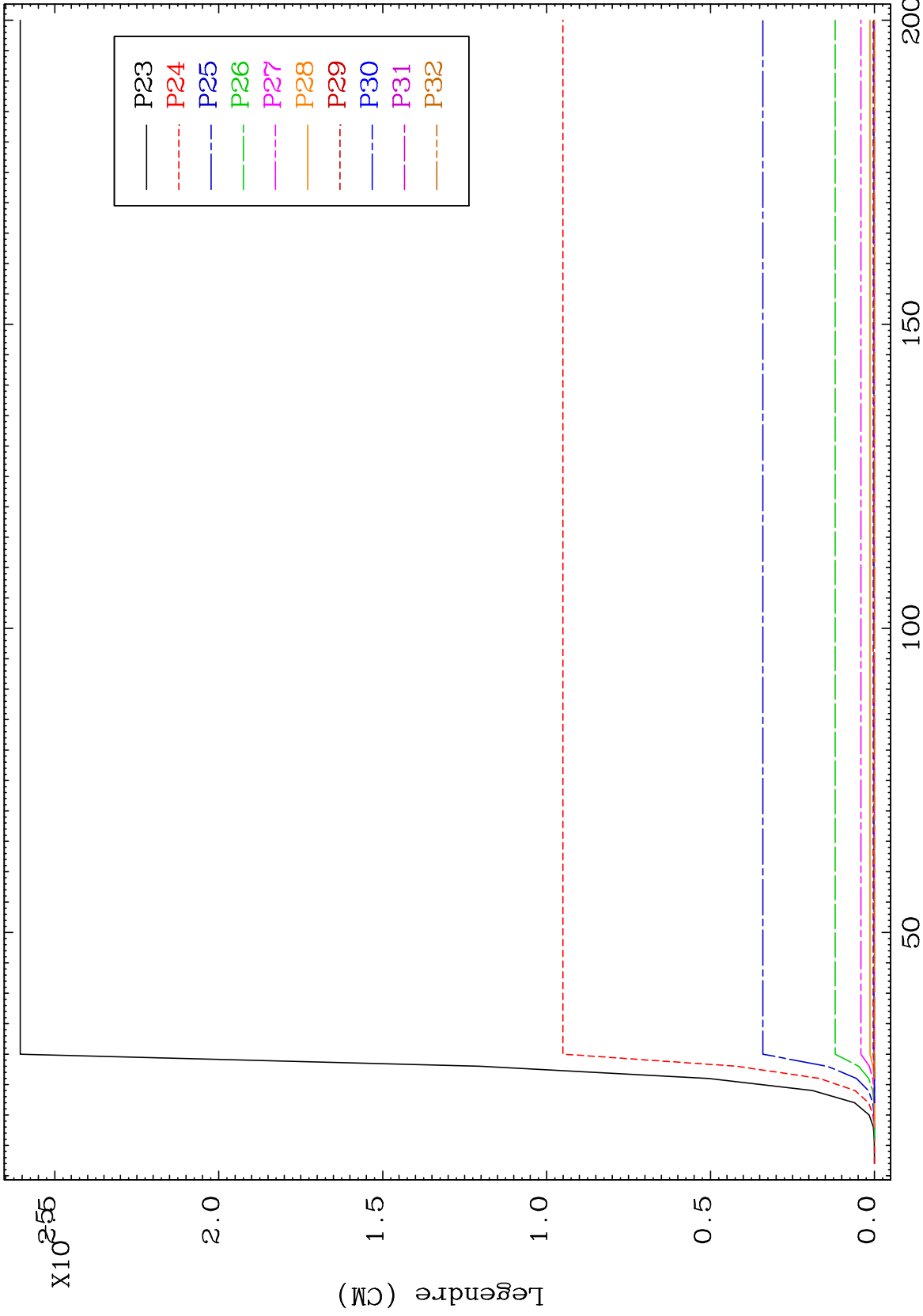
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



62

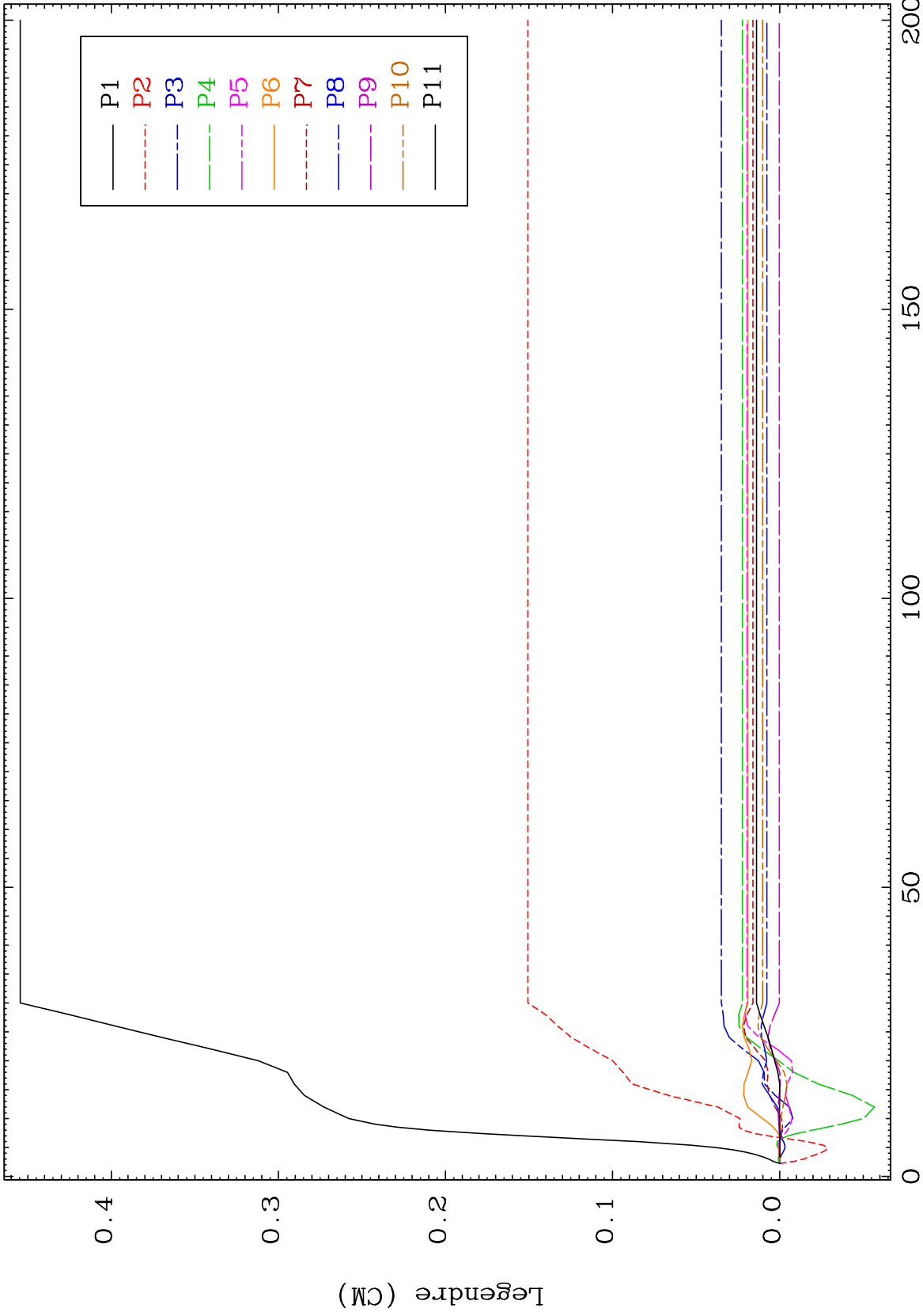
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



63

Incident Energy (MeV)

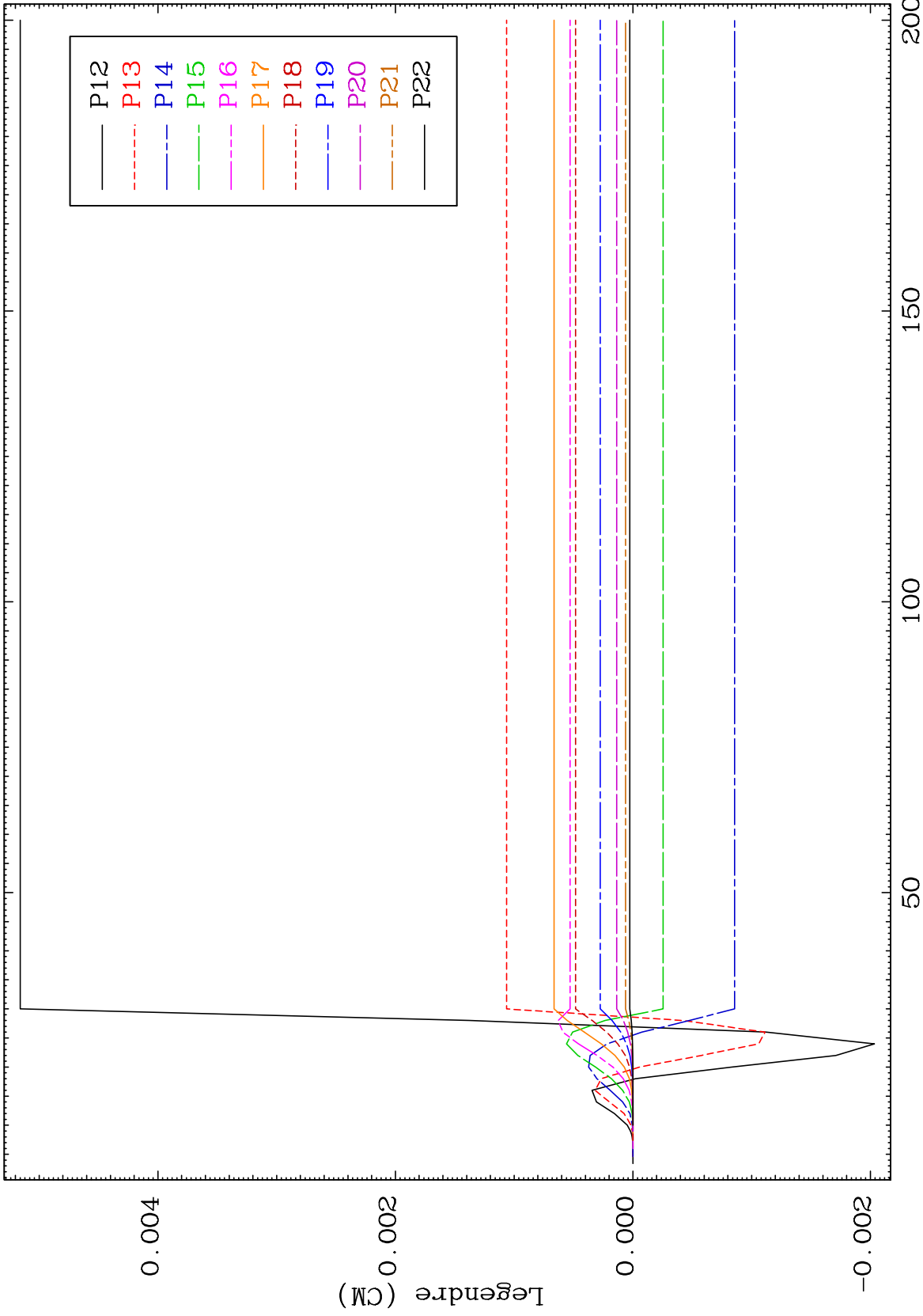
28-Ni-71



MAT 2864

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

28-Ni-71



64

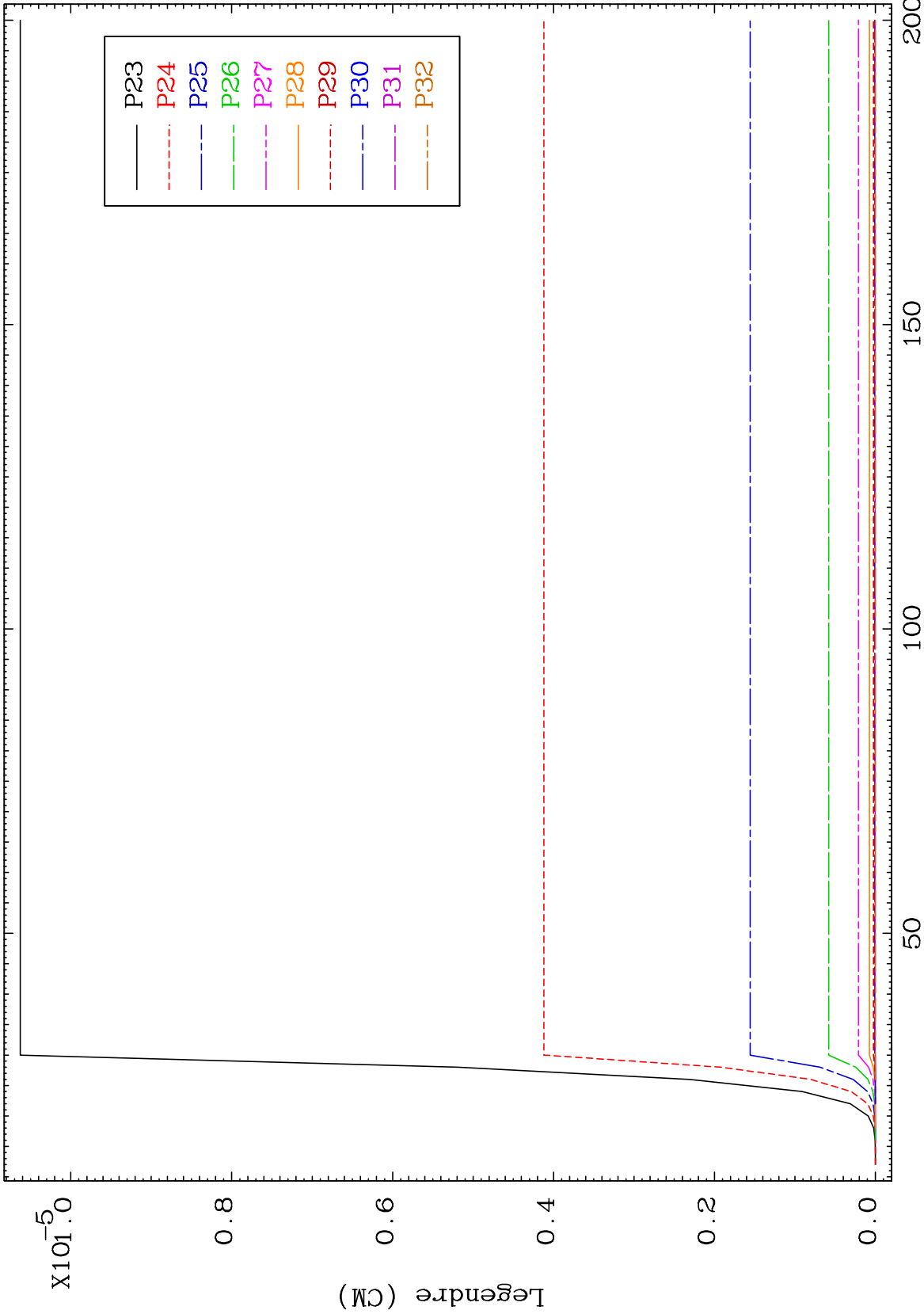
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

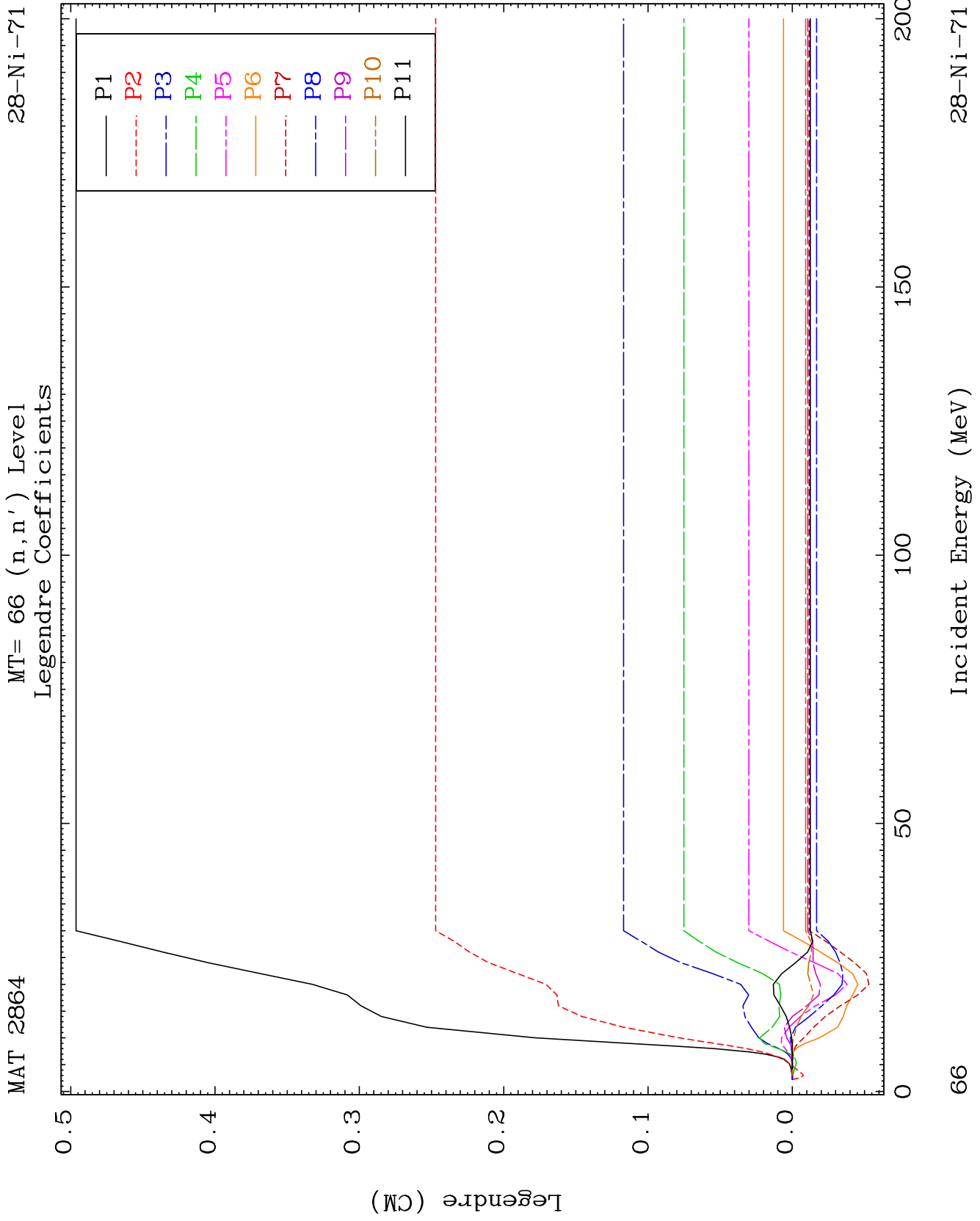
28-Ni-71



65

Incident Energy (MeV)

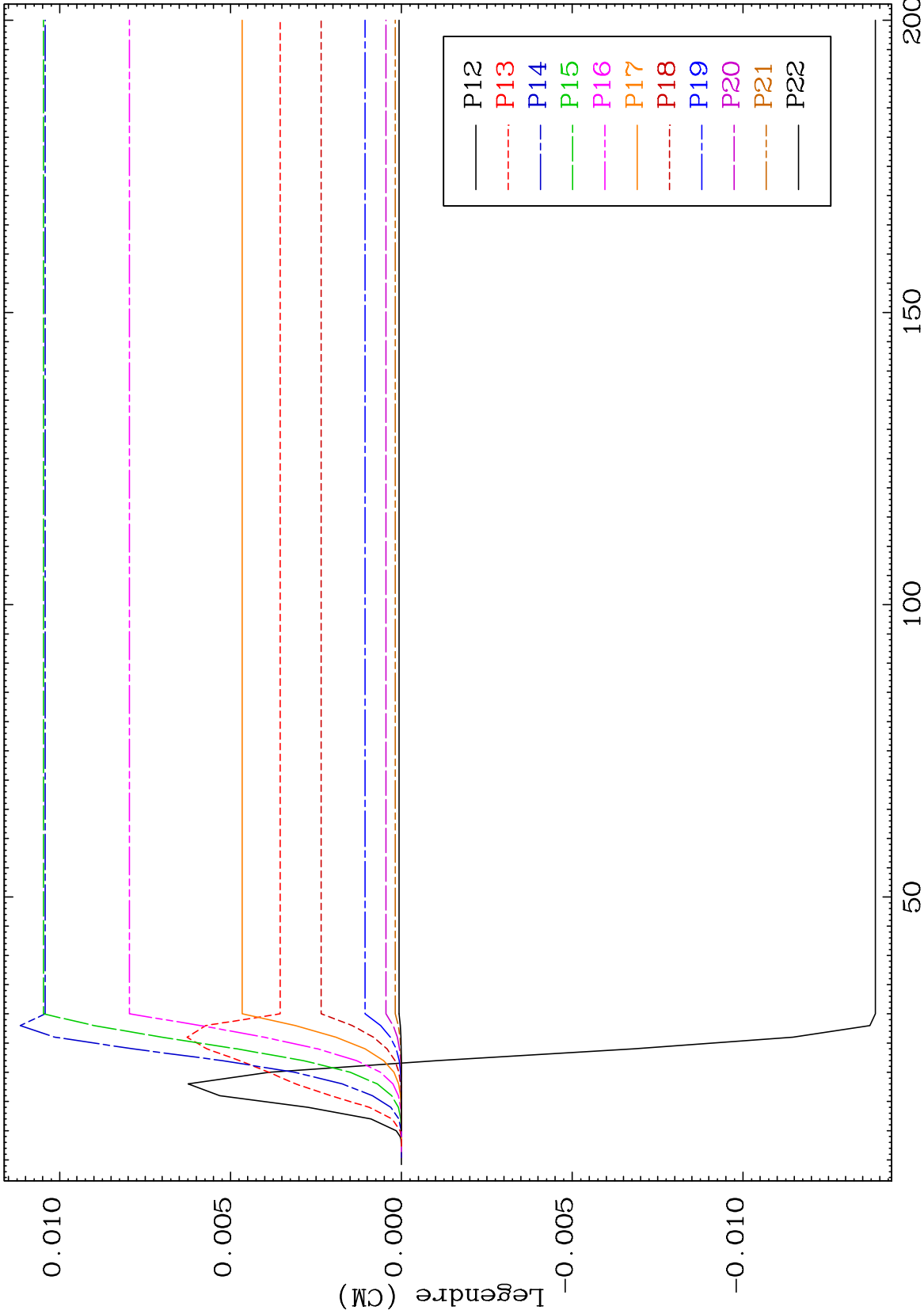
28-Ni-71



MAT 2864

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

28-Ni-71



67

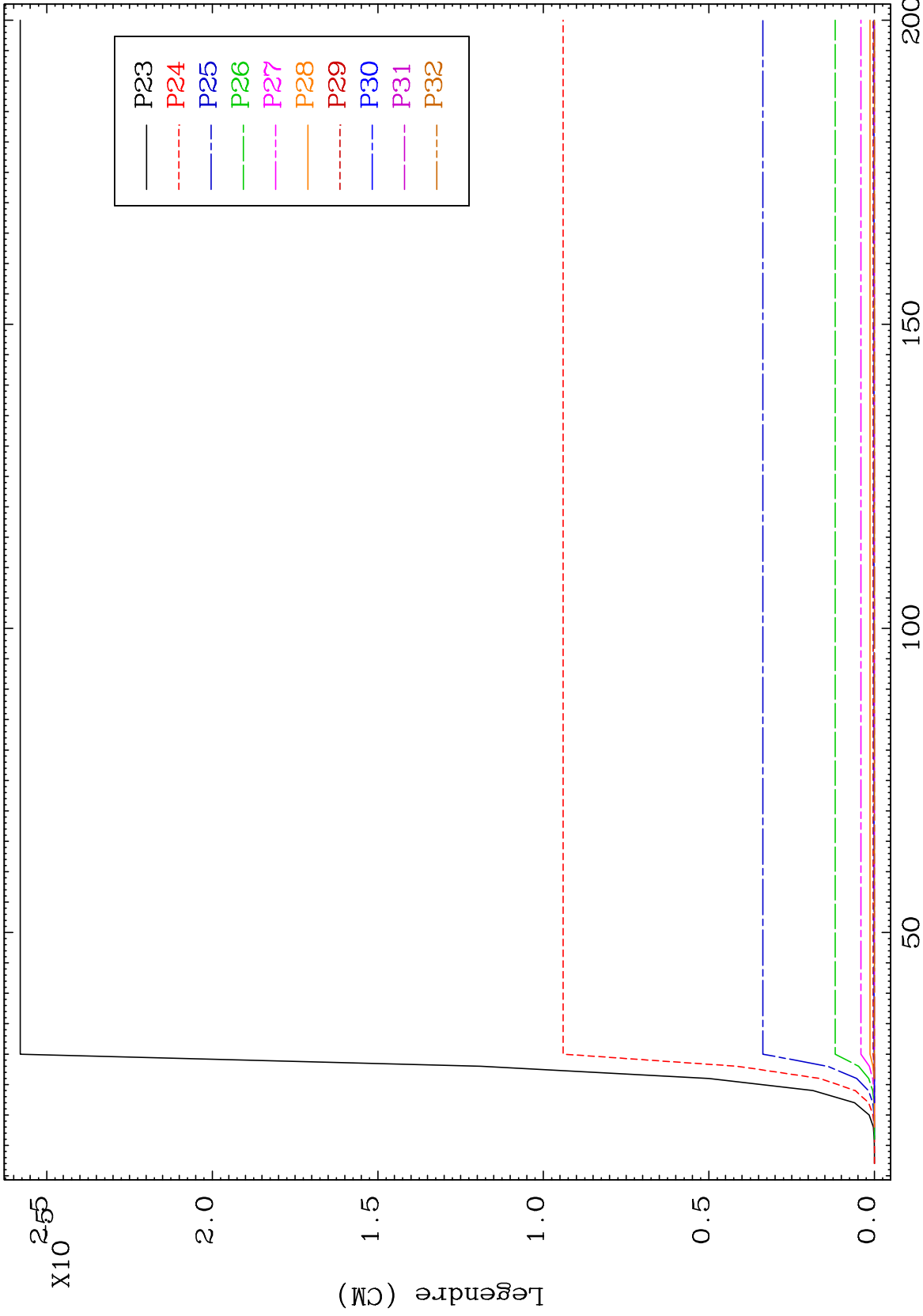
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

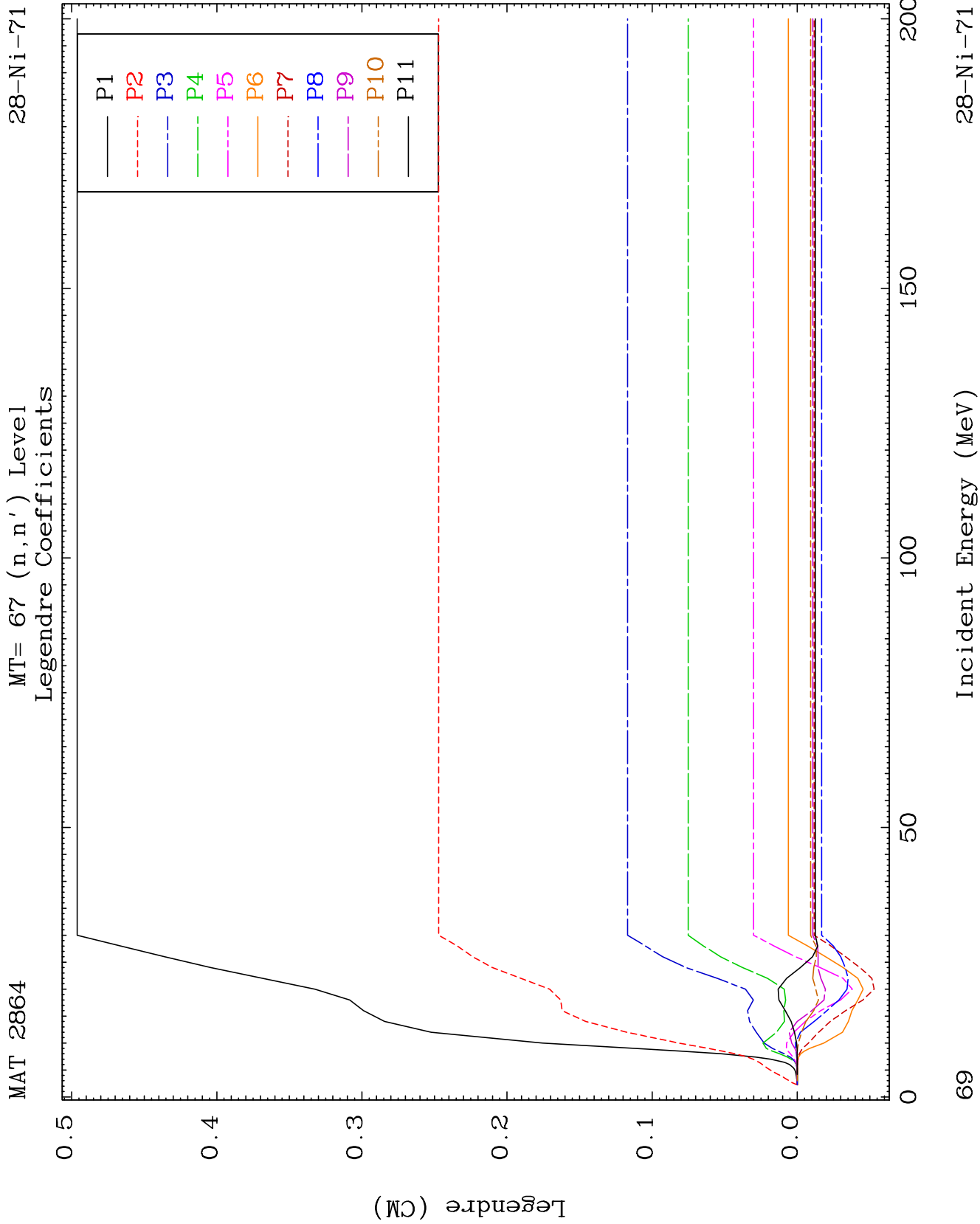
28-Ni-71



68

Incident Energy (MeV)

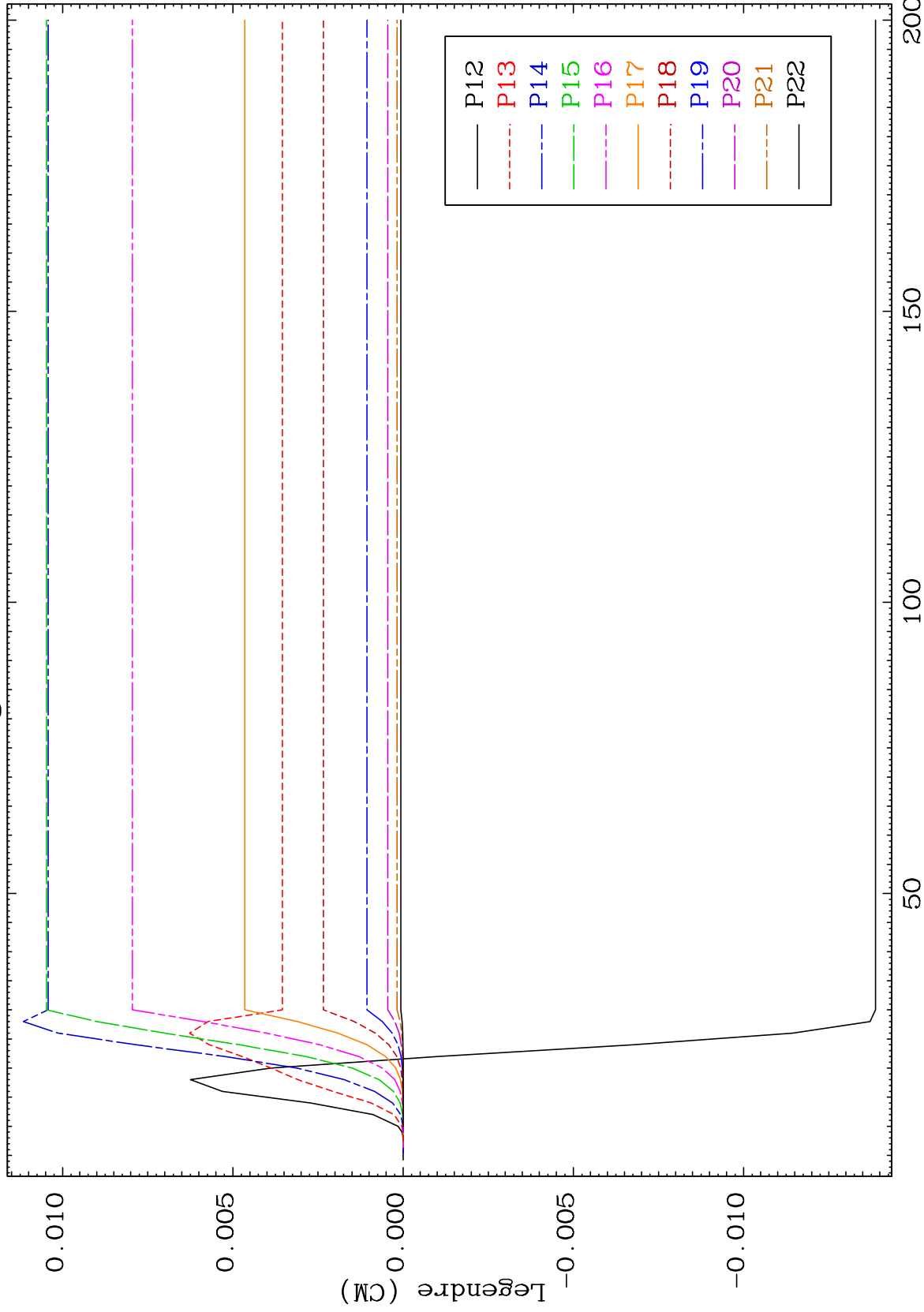
28-Ni-71



MAT 2864

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

28-Ni-71



70

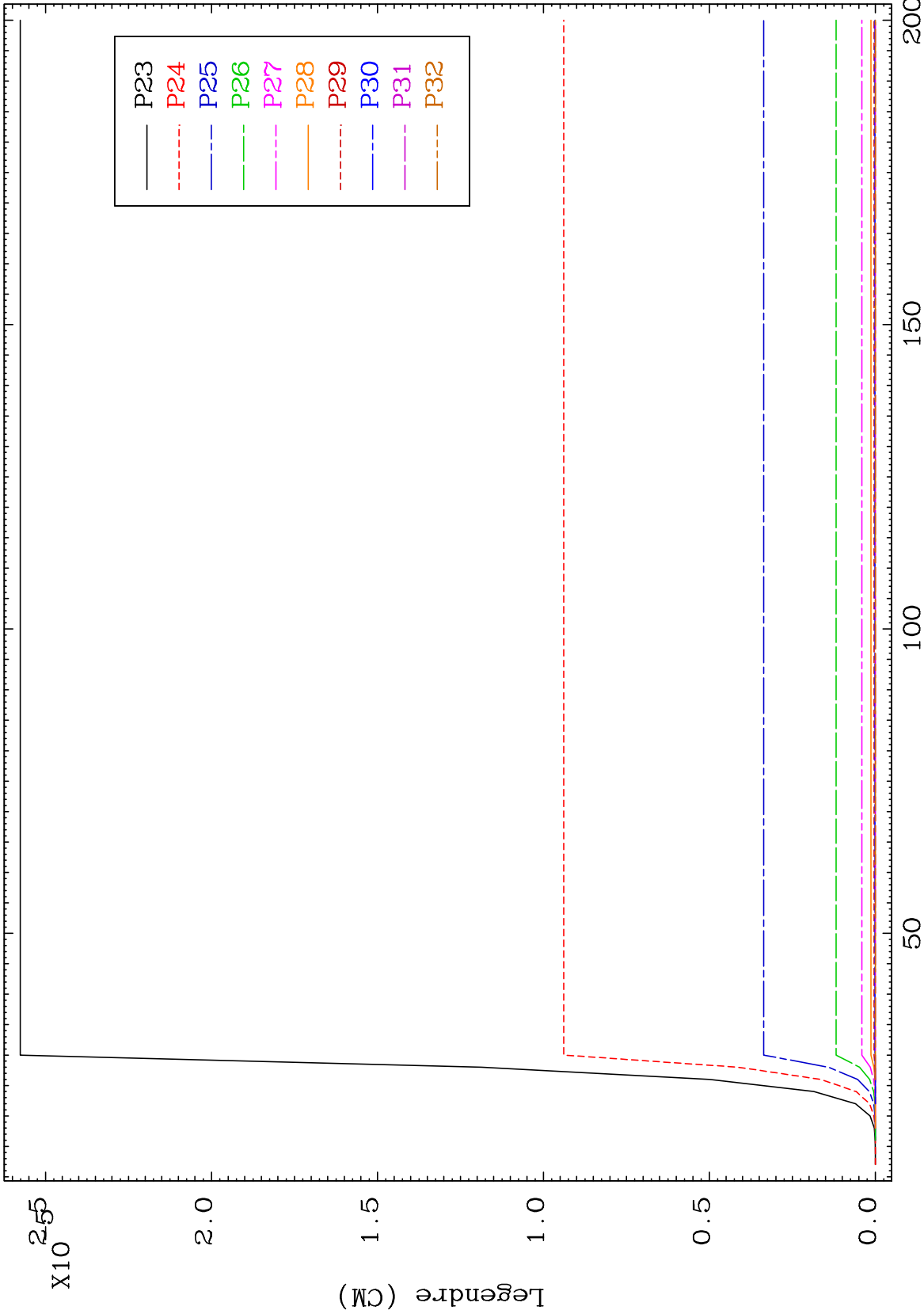
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



71

Incident Energy (MeV)

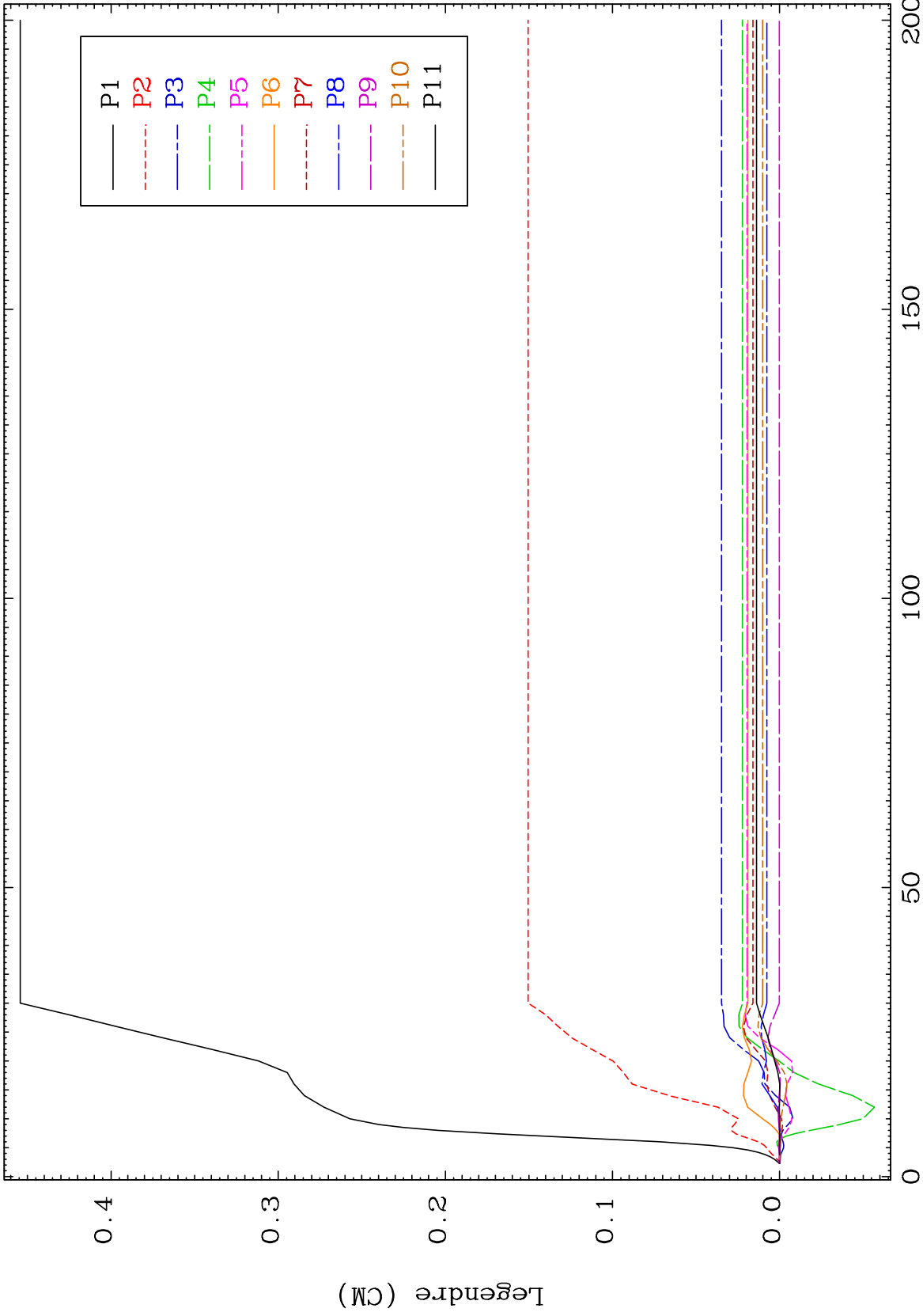
28-Ni-71



MAT 2864

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

28-Ni-71



72

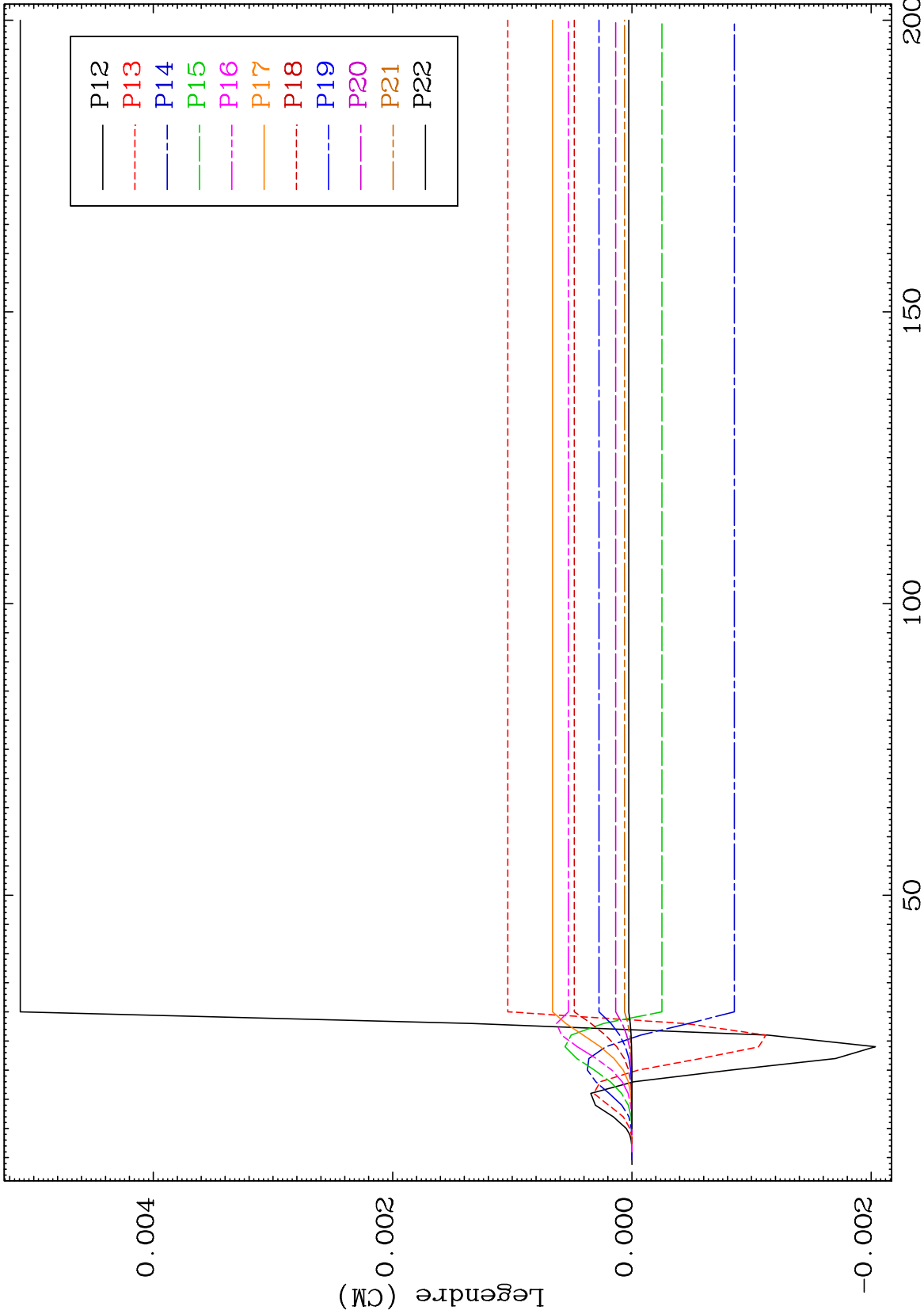
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



73

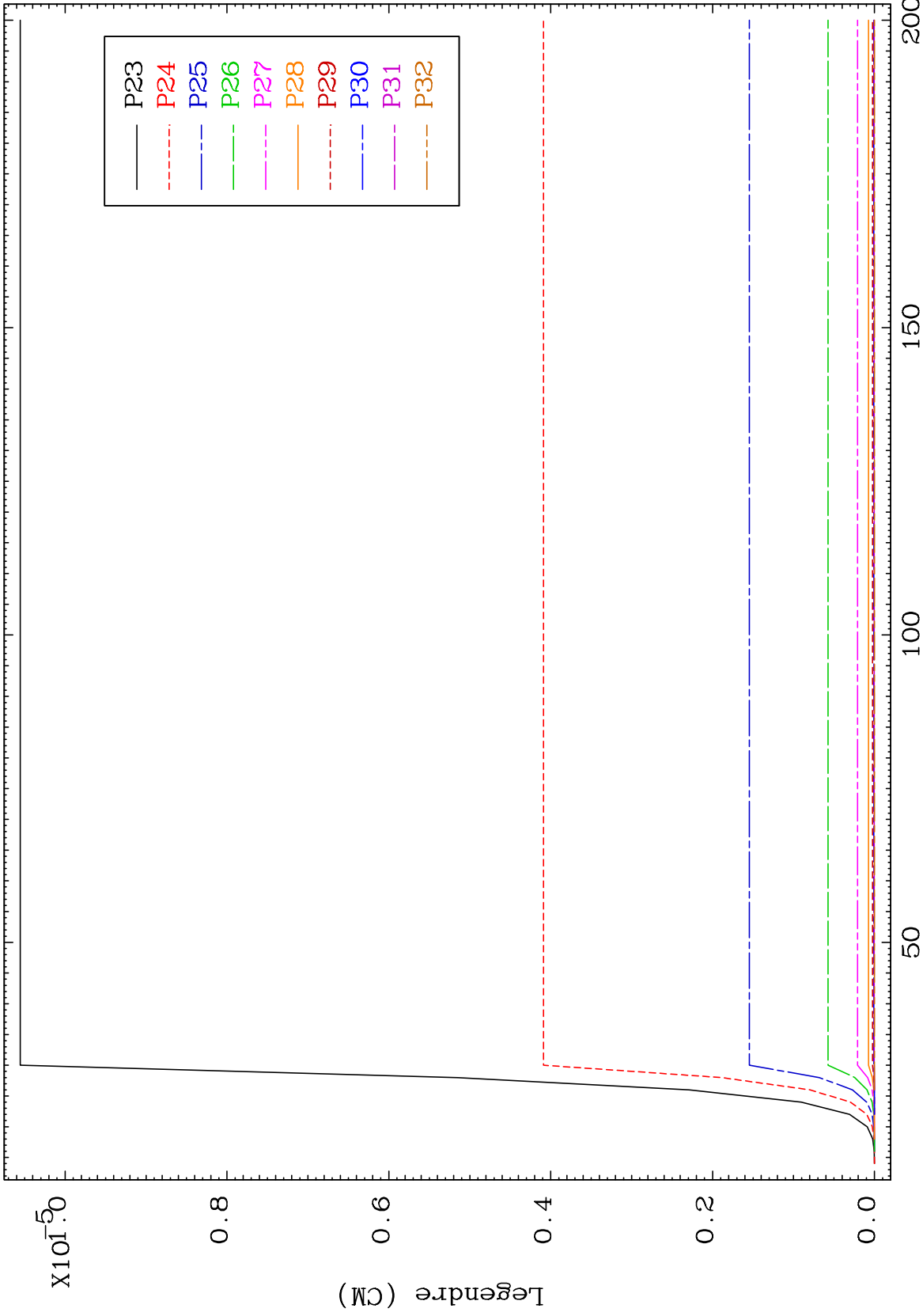
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



74

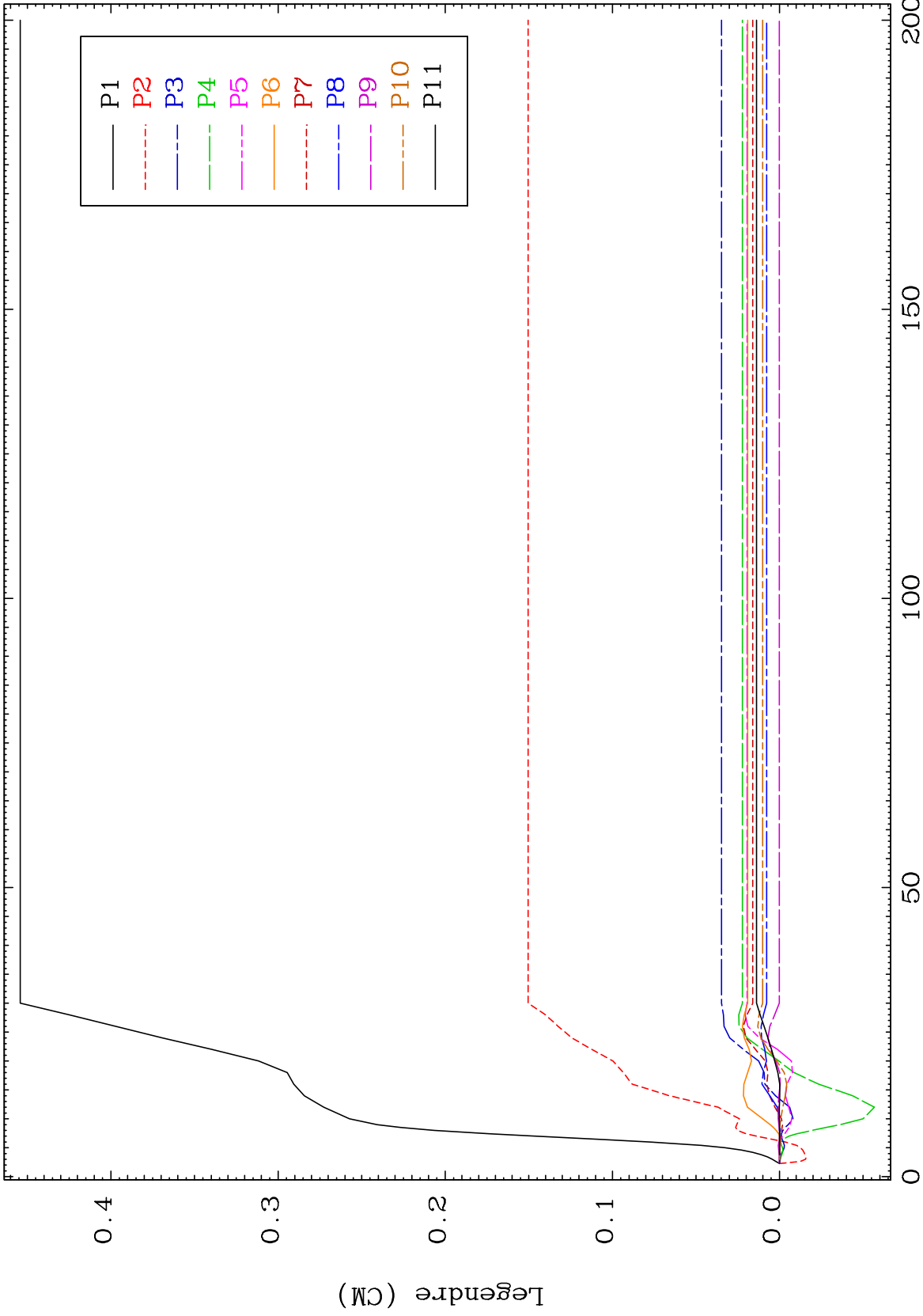
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



75

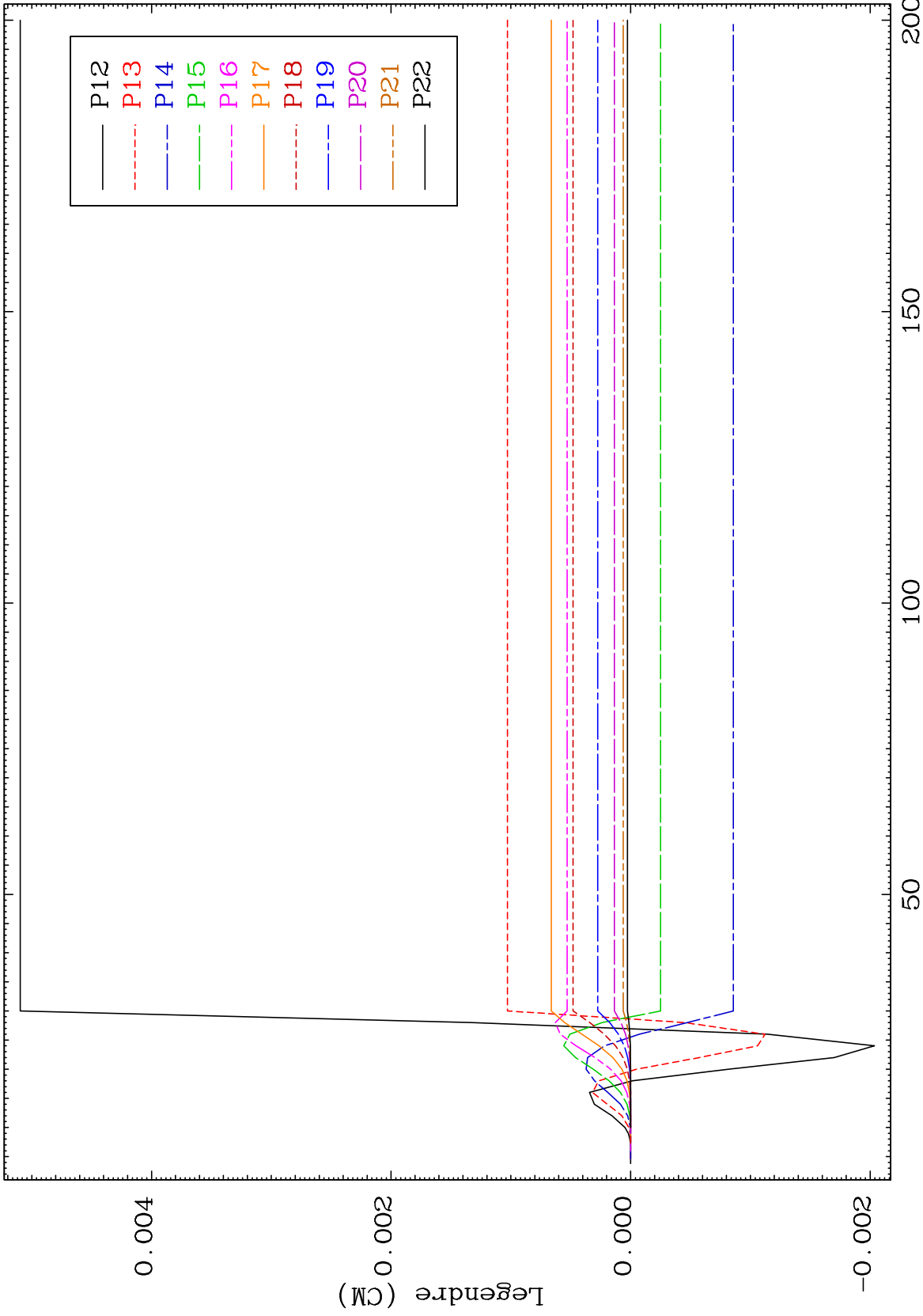
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



76

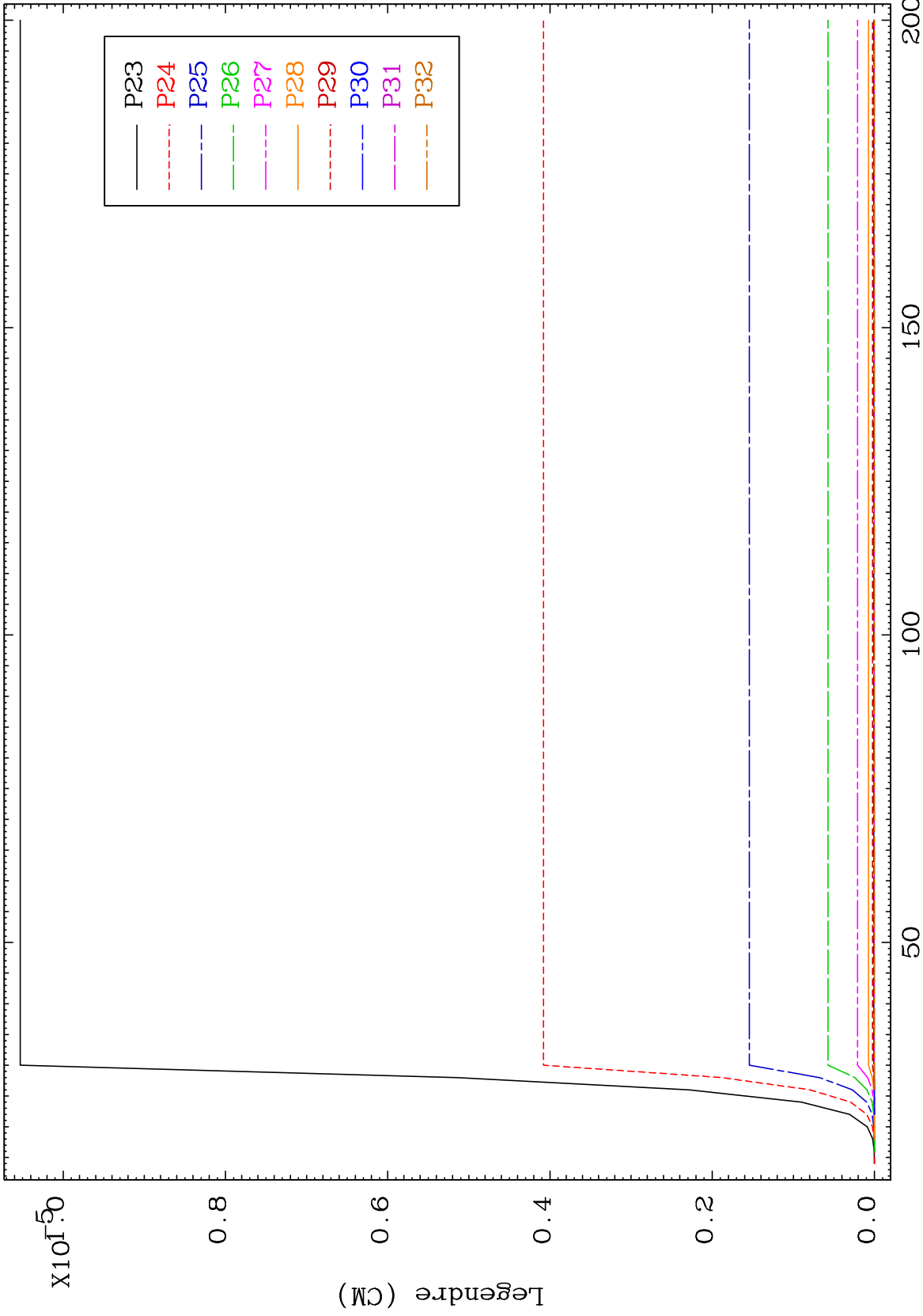
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



77

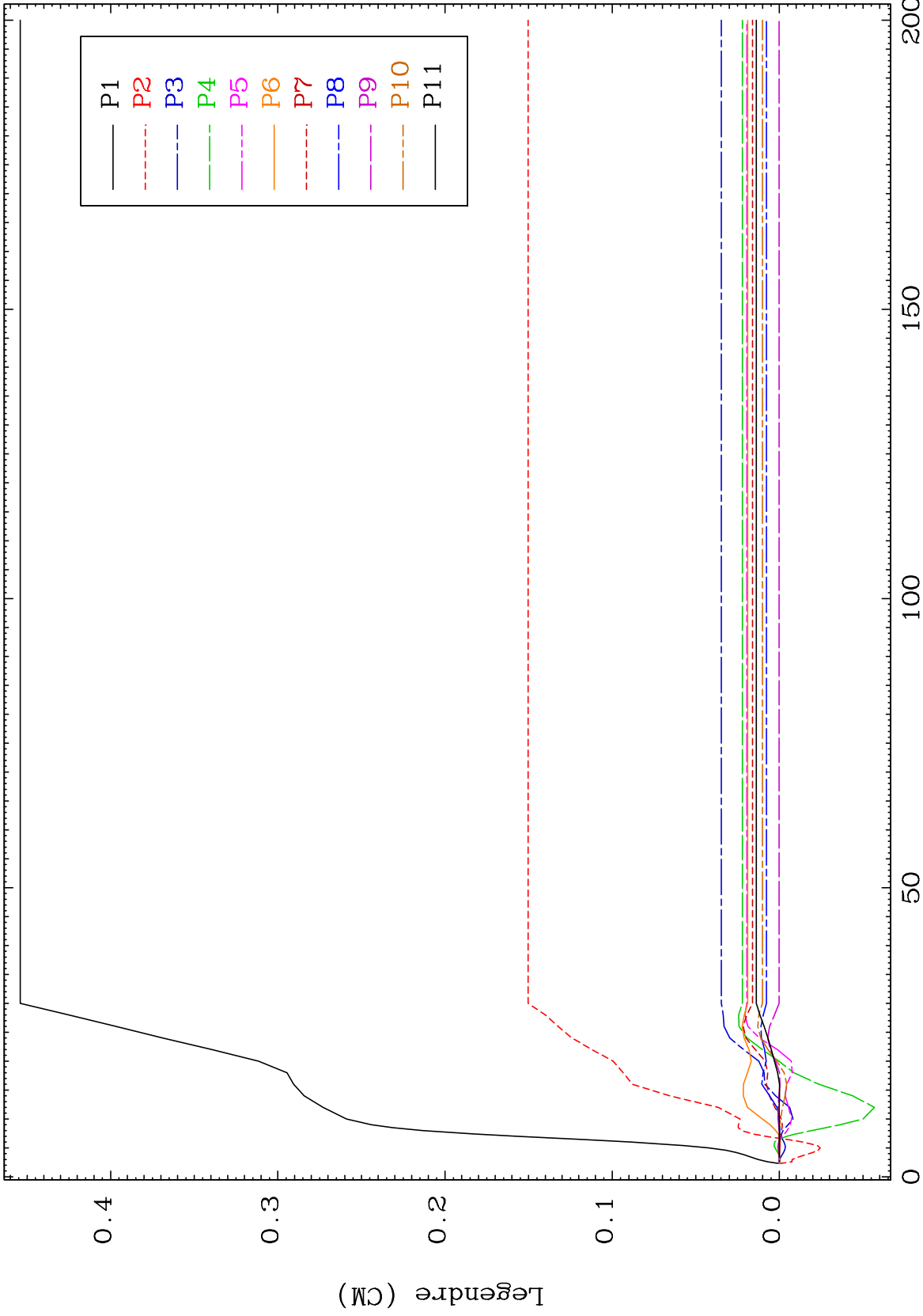
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



78

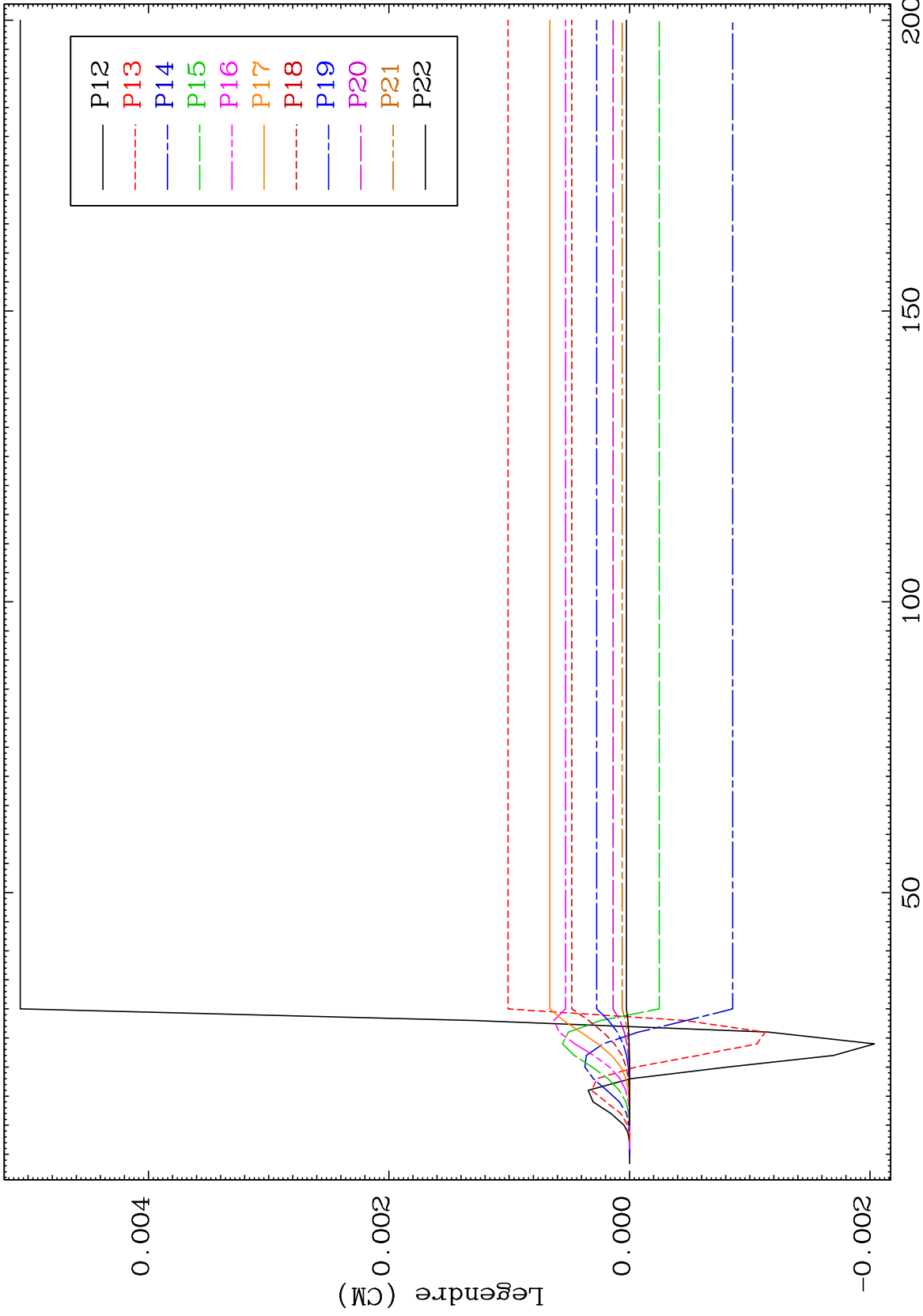
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



79

Incident Energy (MeV)

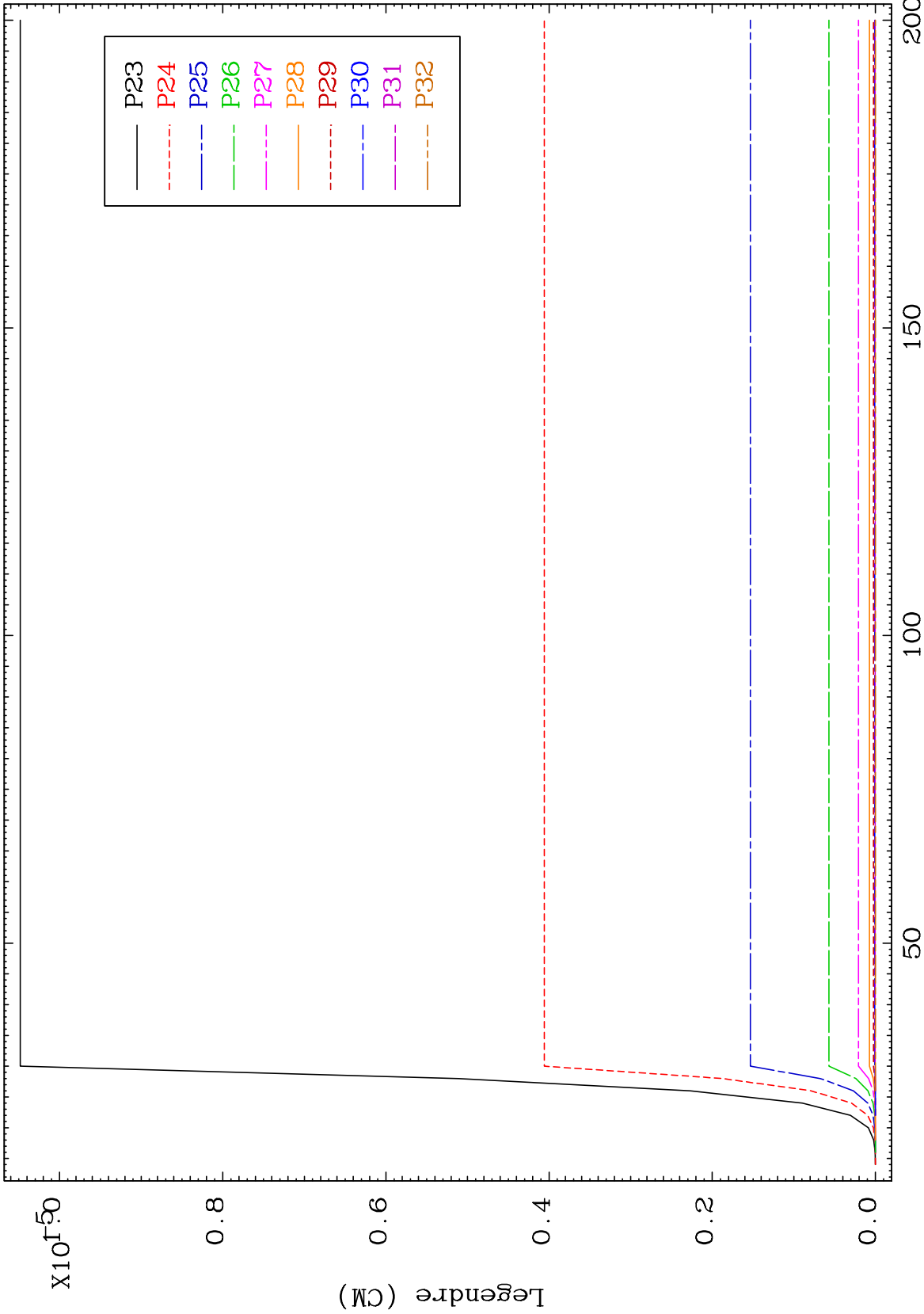
28-Ni-71



MAT 2864

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

28-Ni-71



80

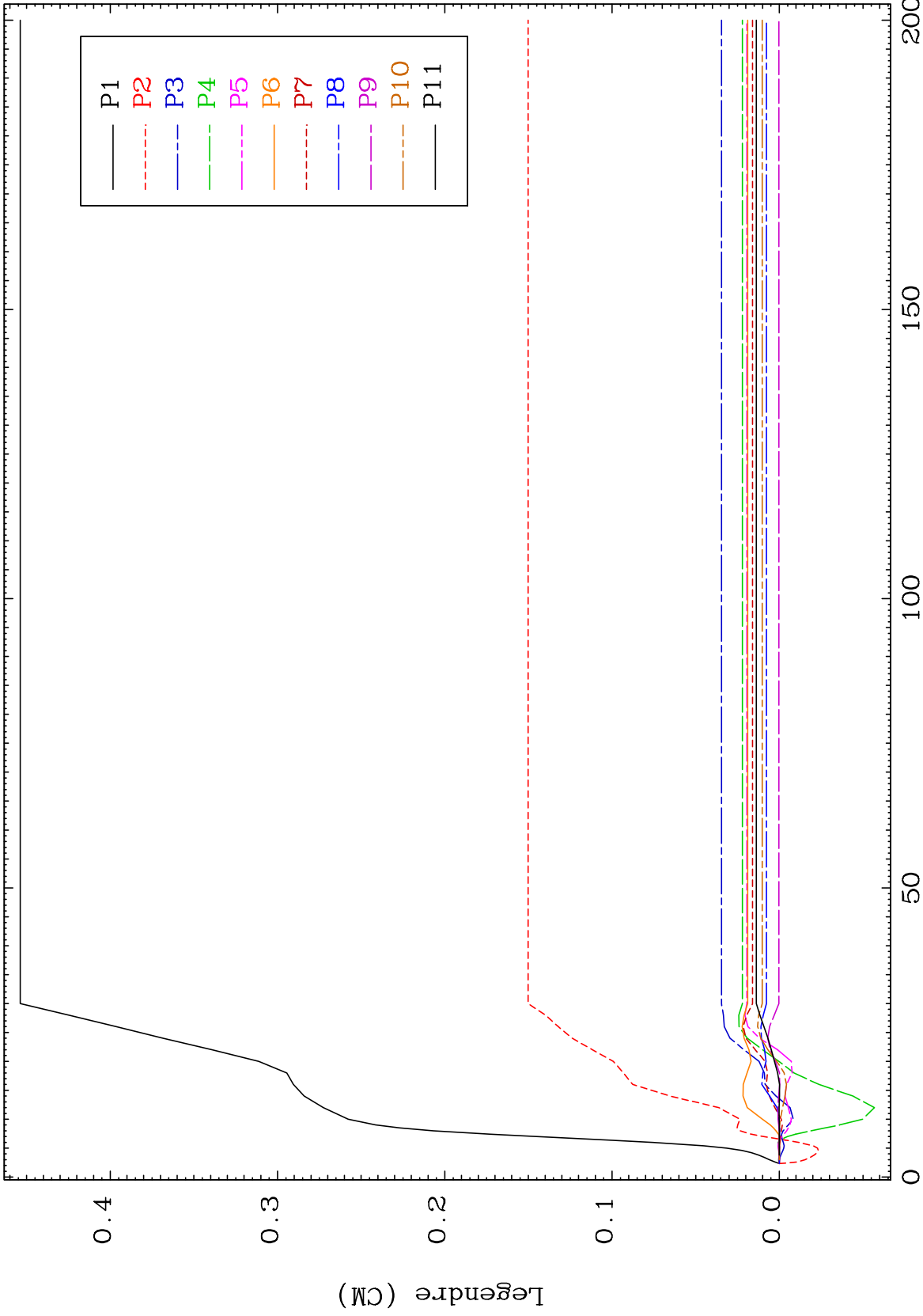
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



81

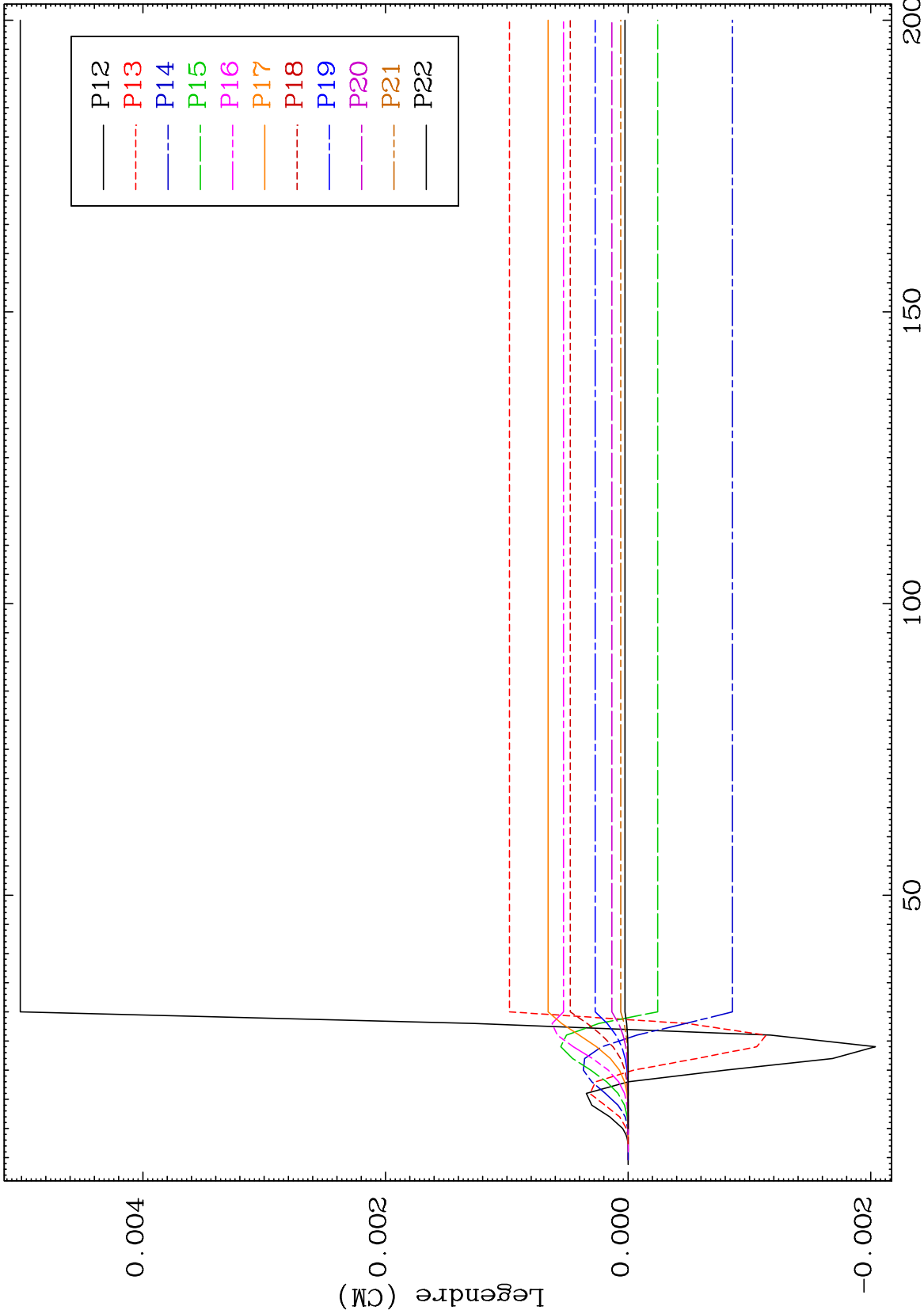
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



82

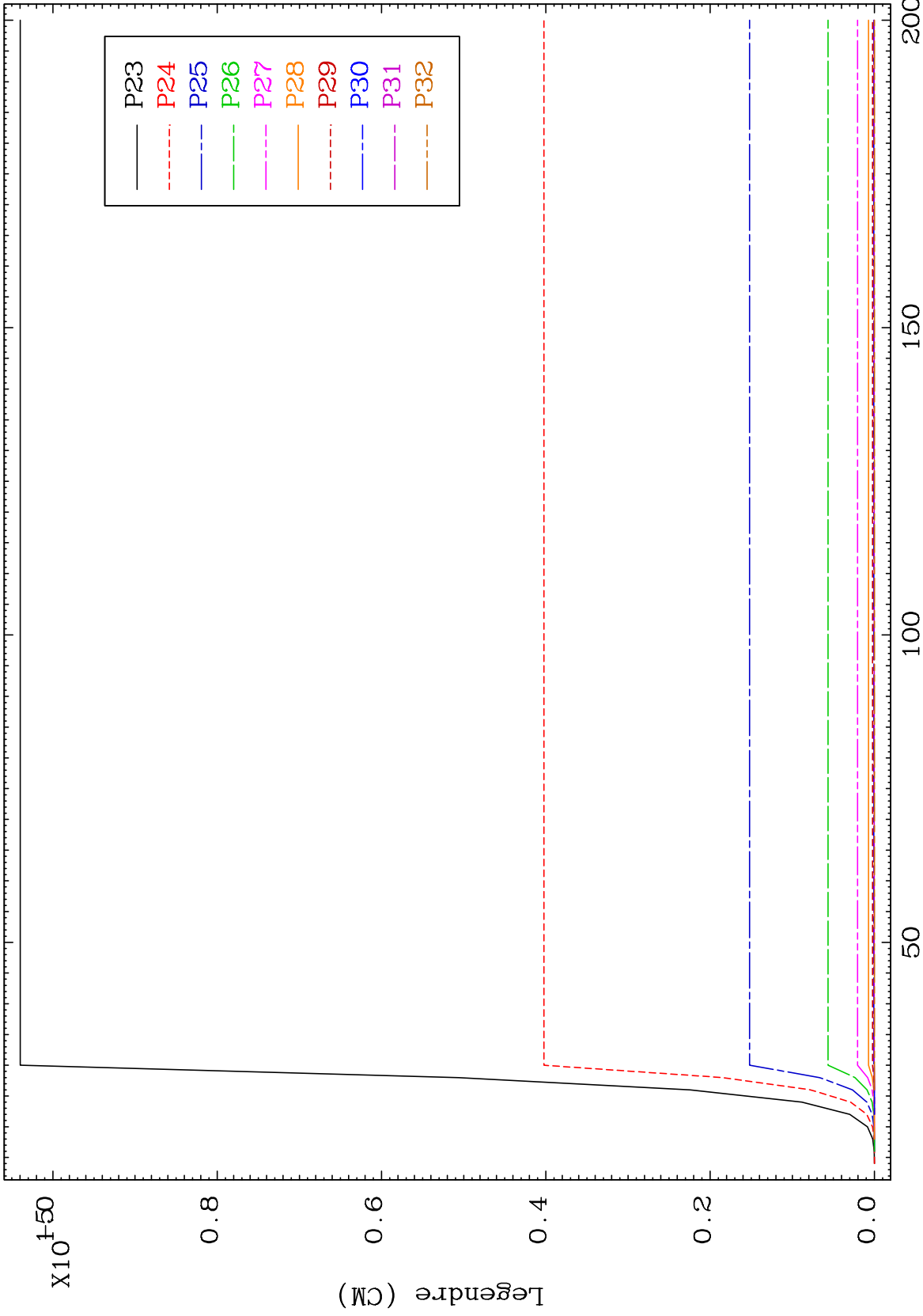
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



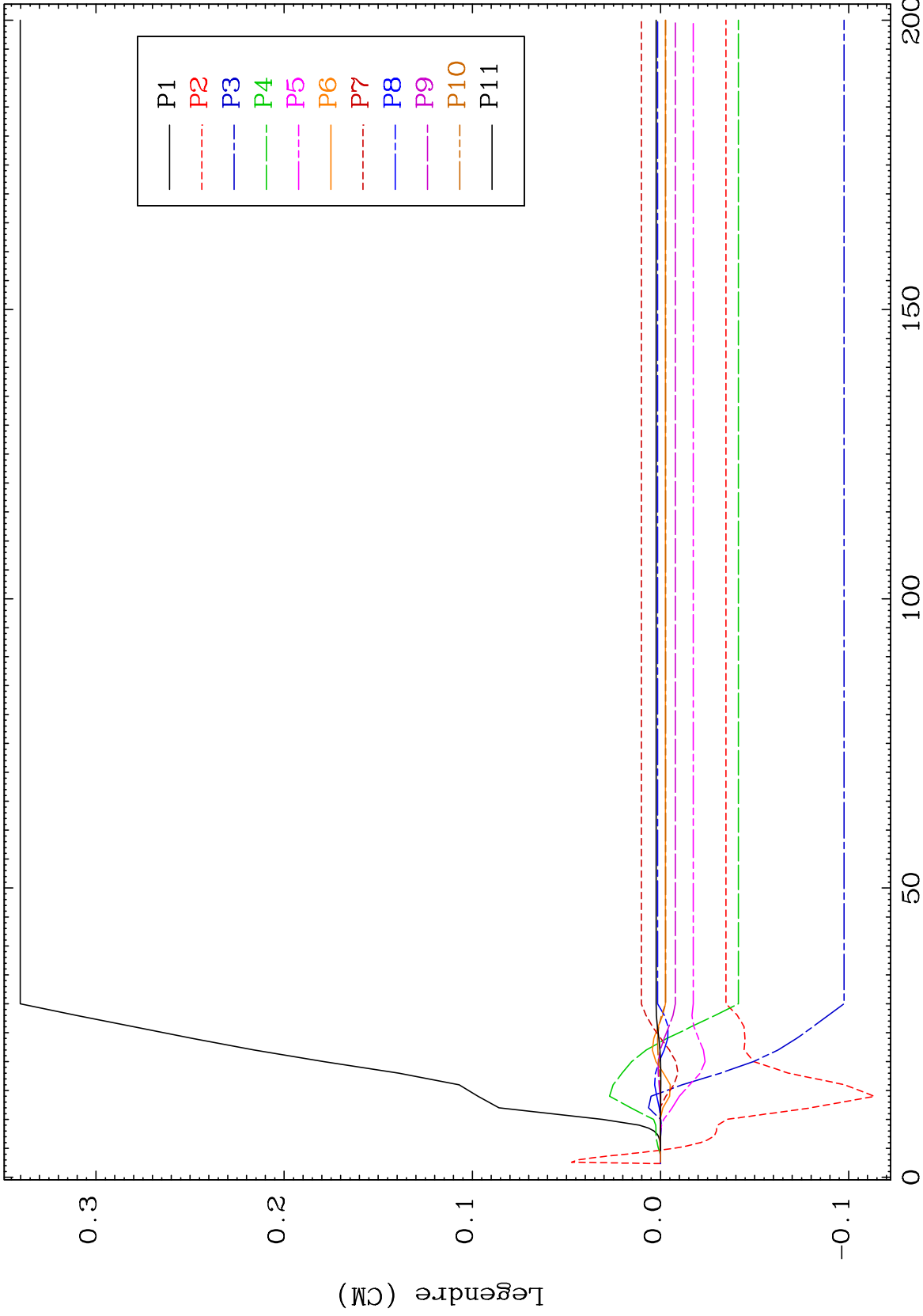
83

28-Ni-71

MAT 2864

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

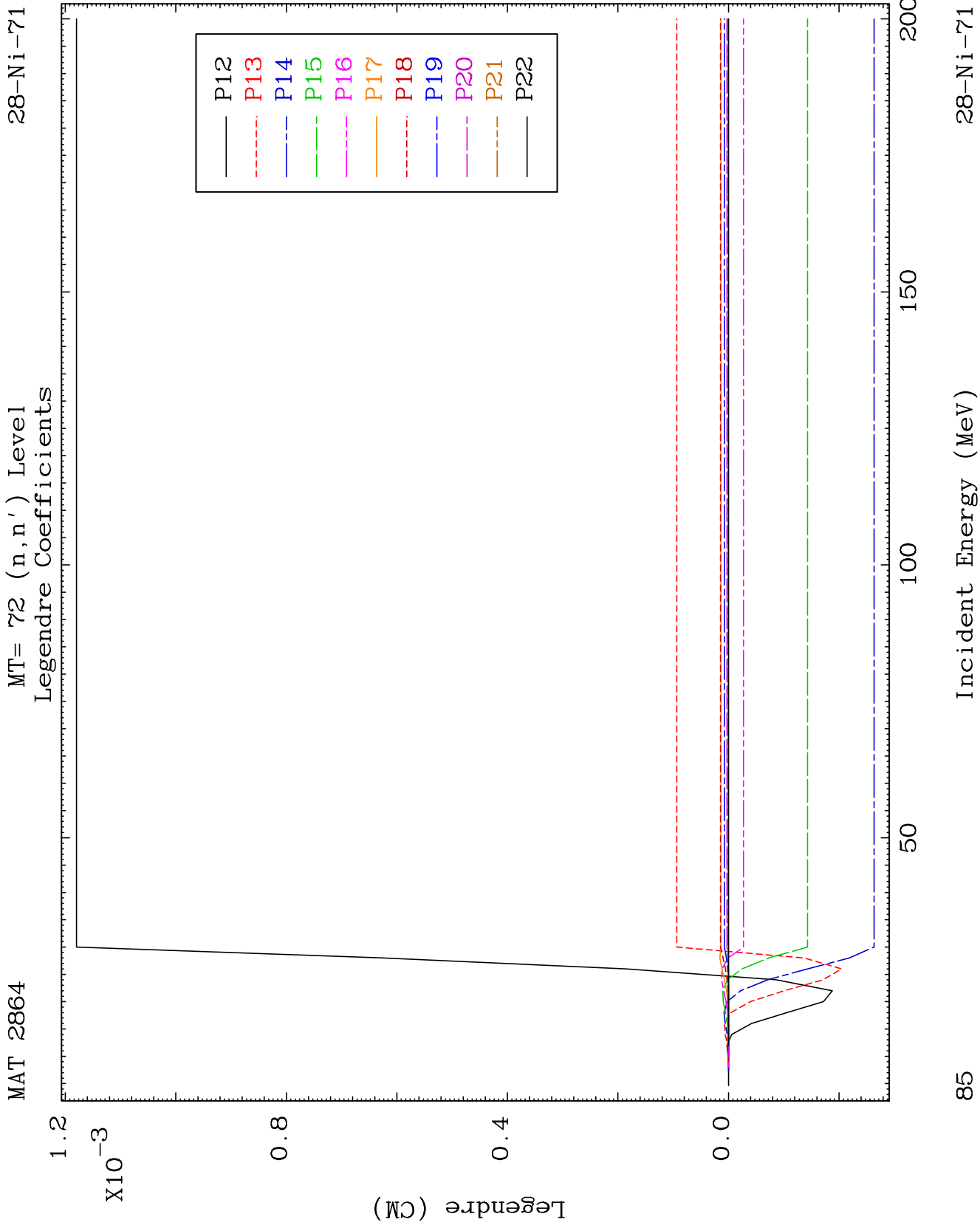
28-Ni-71



84

Incident Energy (MeV)

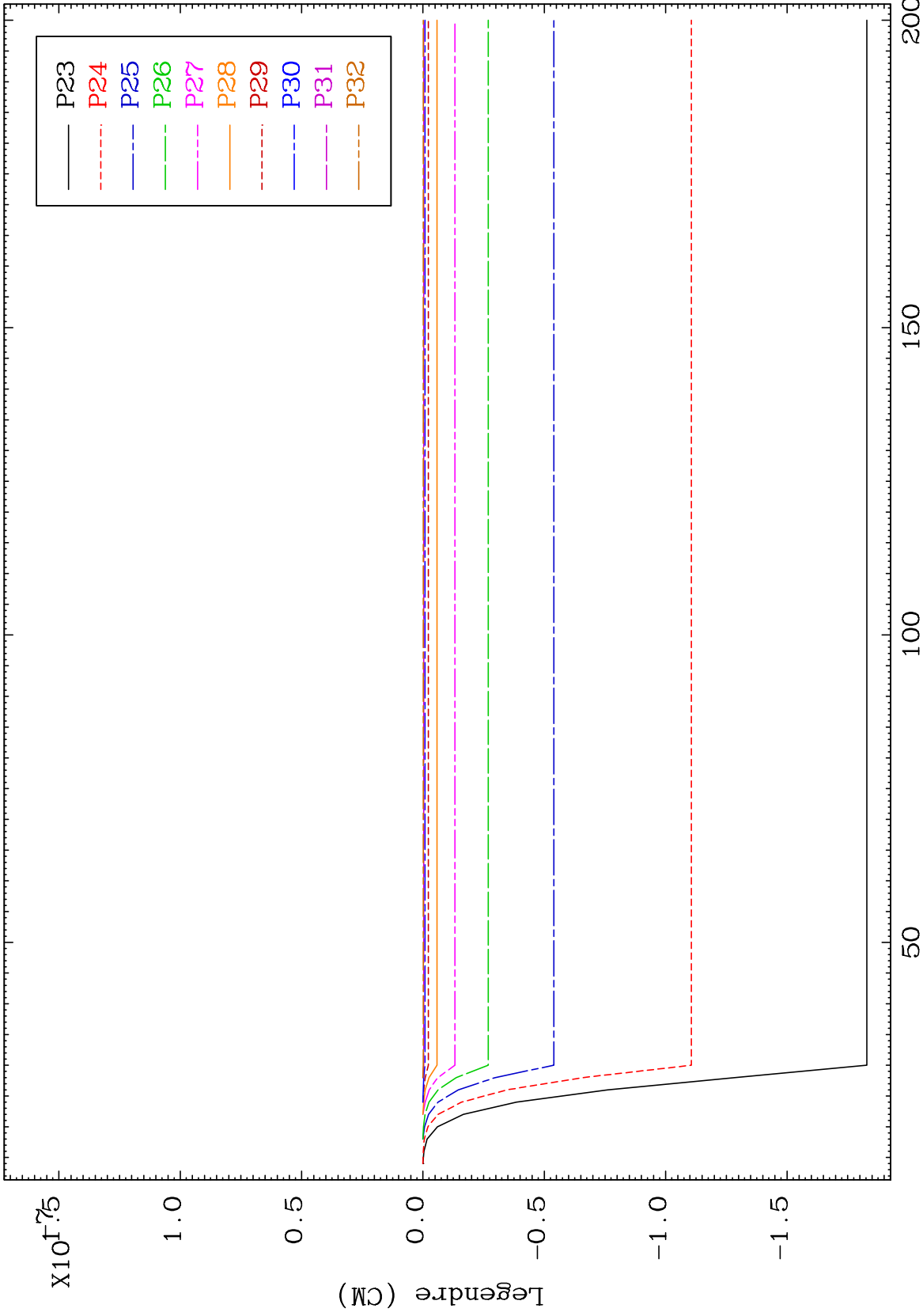
28-Ni-71



MAT 2864

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

28-Ni-71



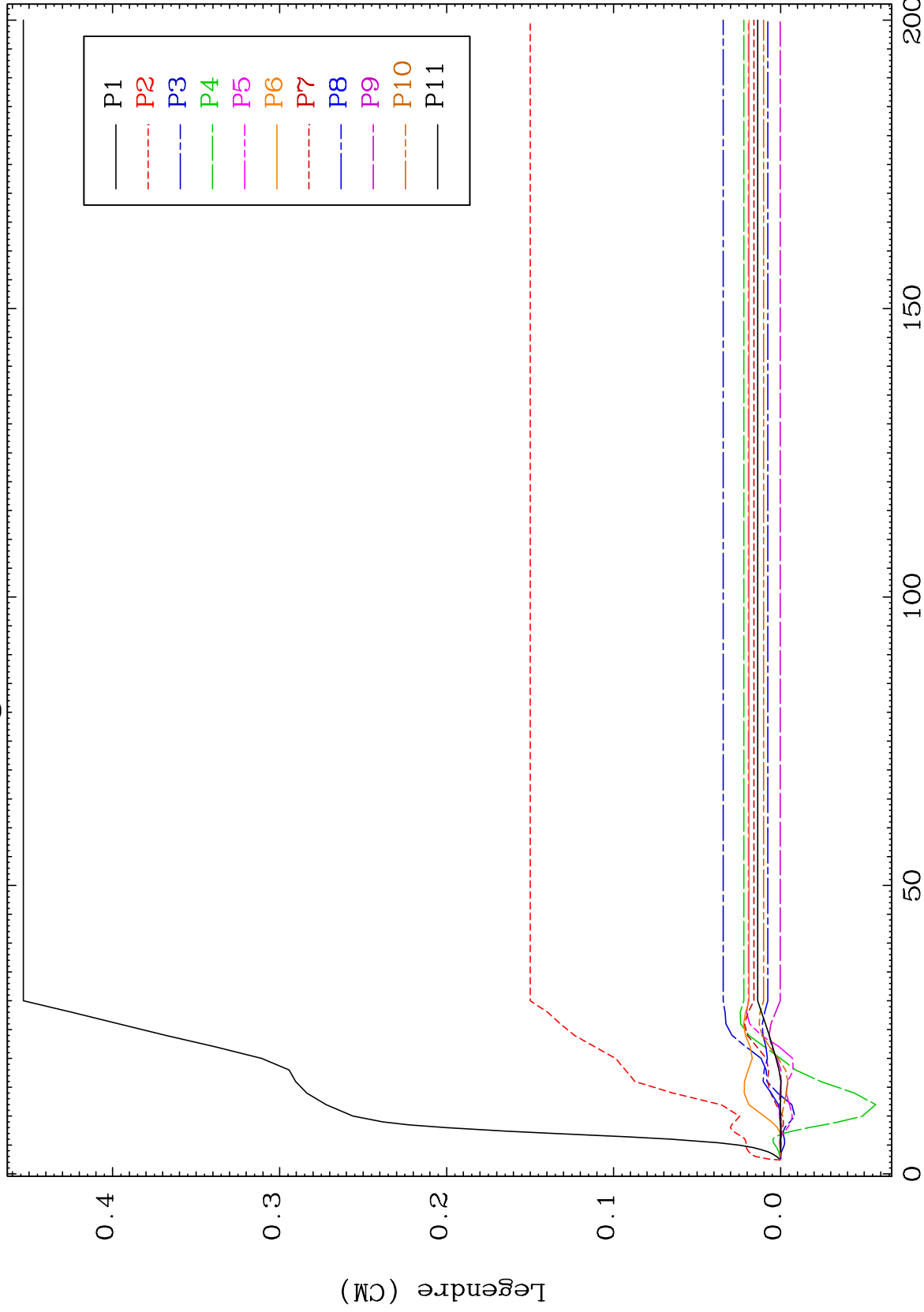
86

28-Ni-71

MAT 2864

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

28-Ni-71



87

Incident Energy (MeV)

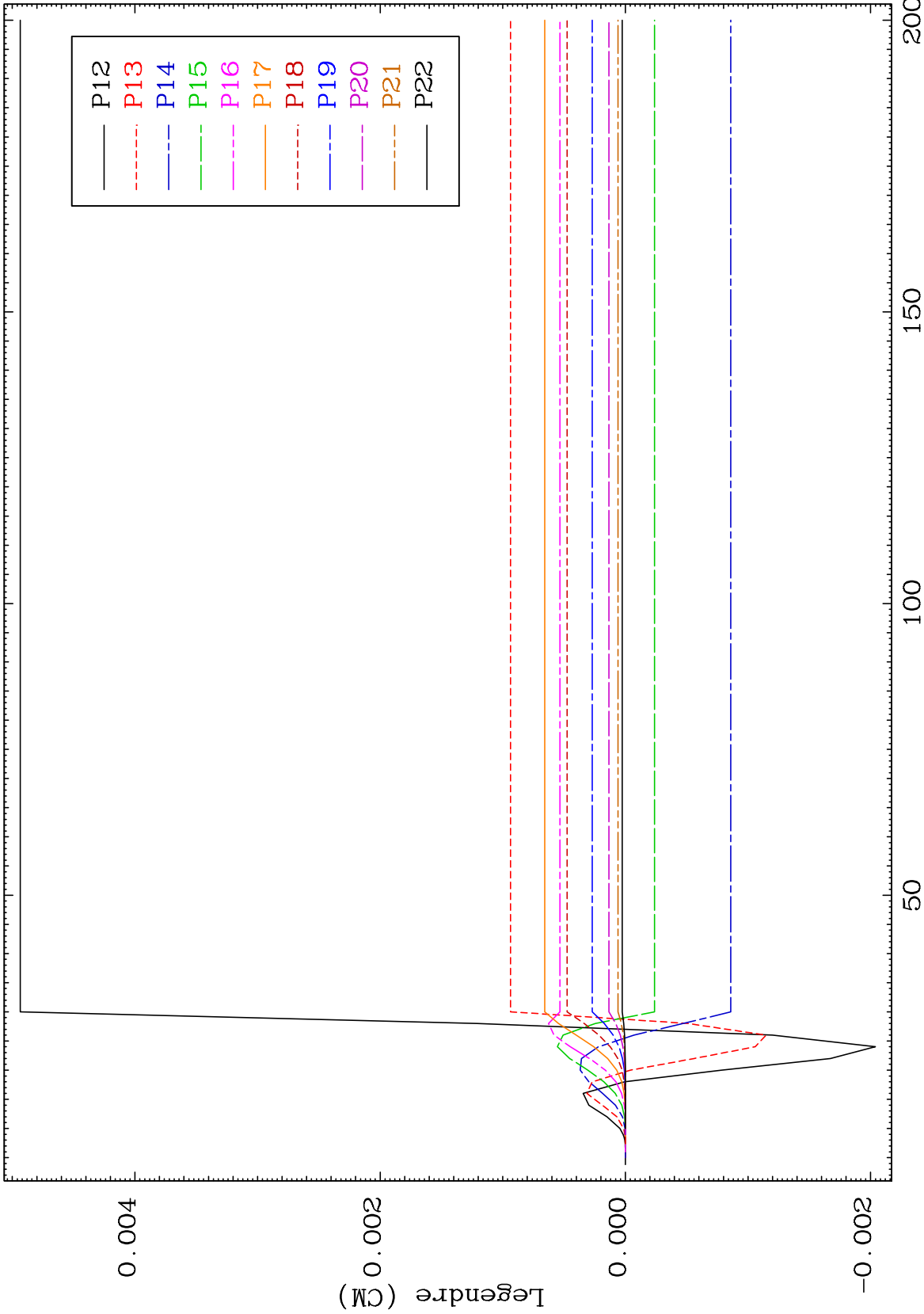
28-Ni-71



MAT 2864

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

28-Ni-71



88

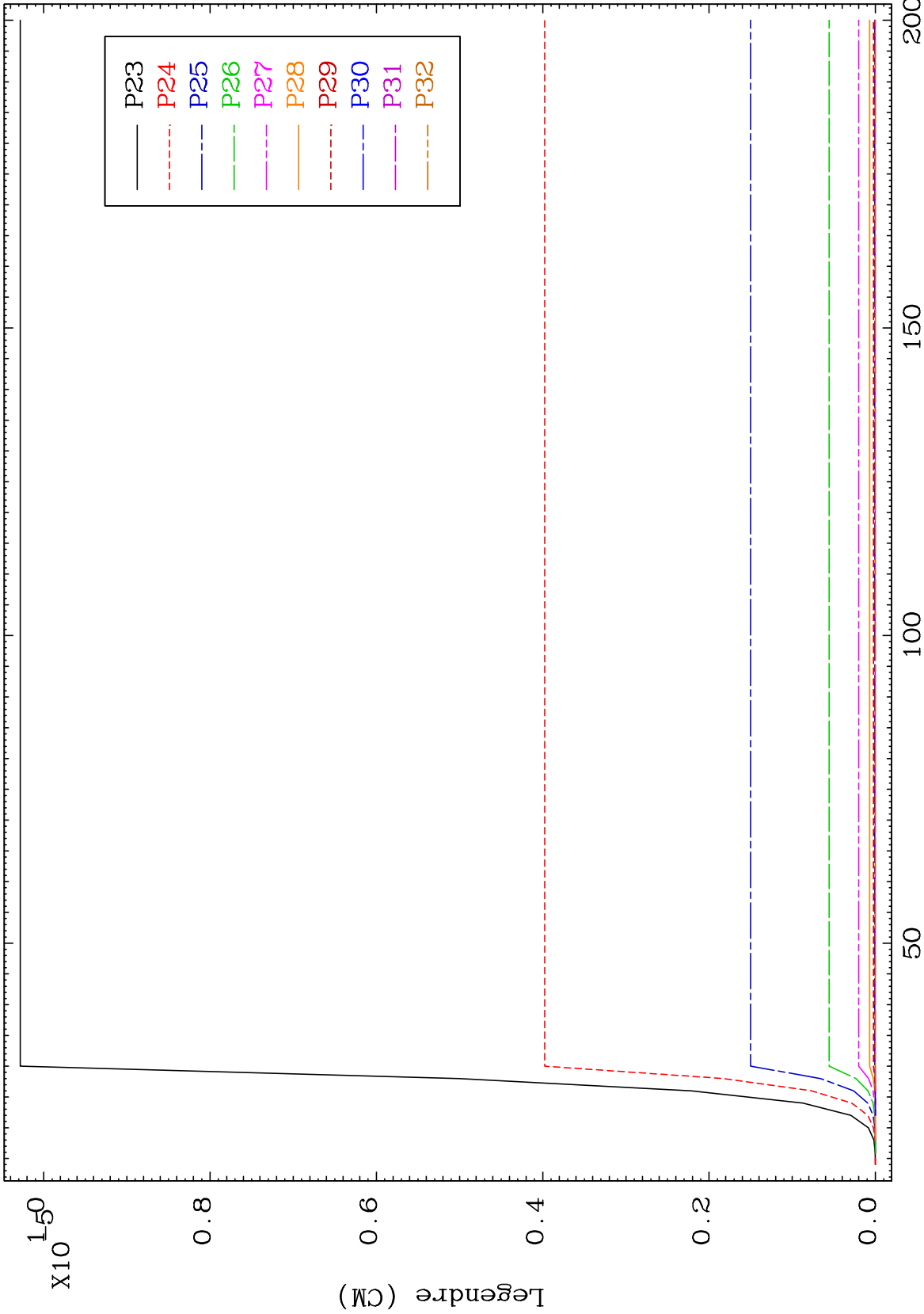
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



89

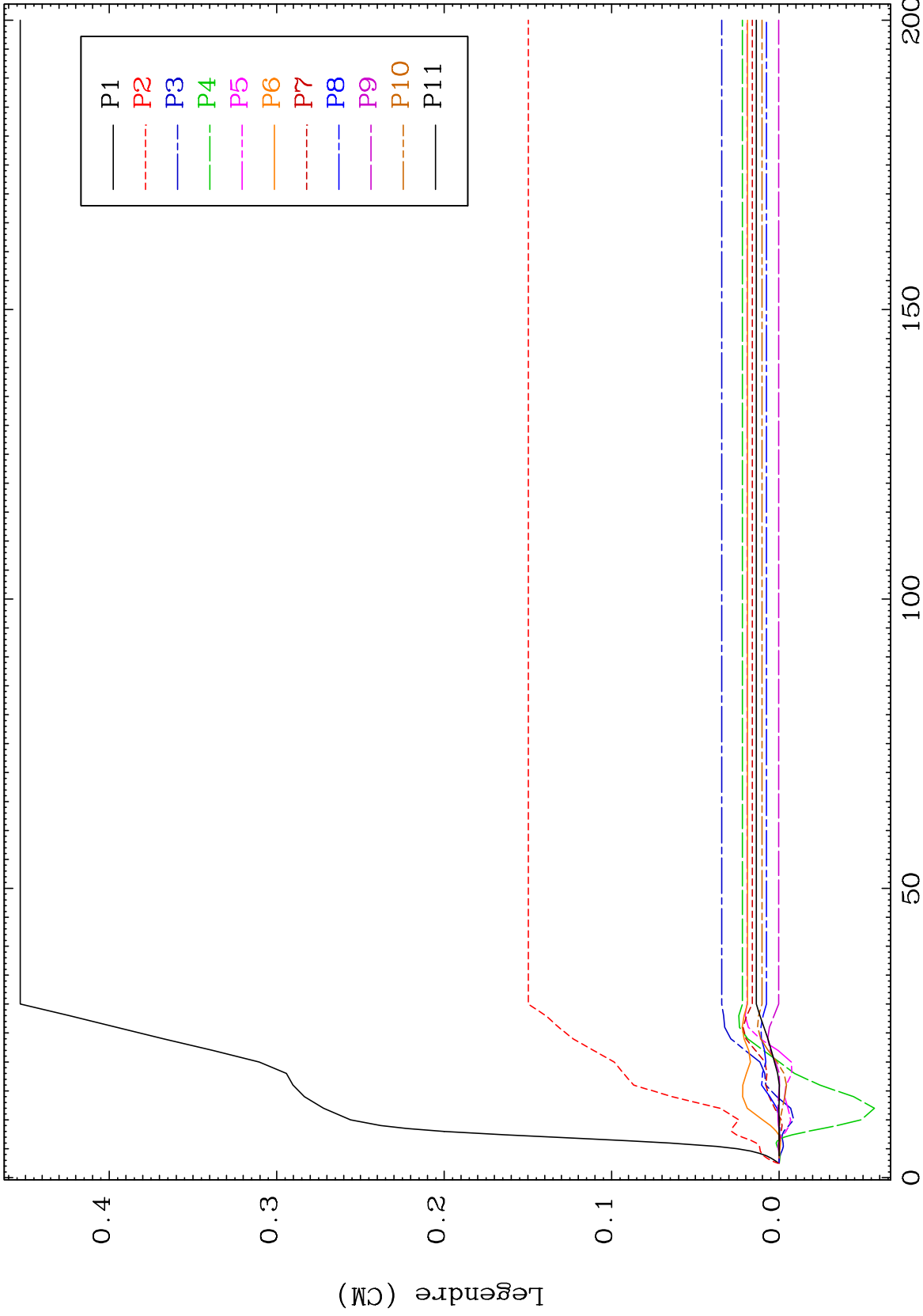
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



90

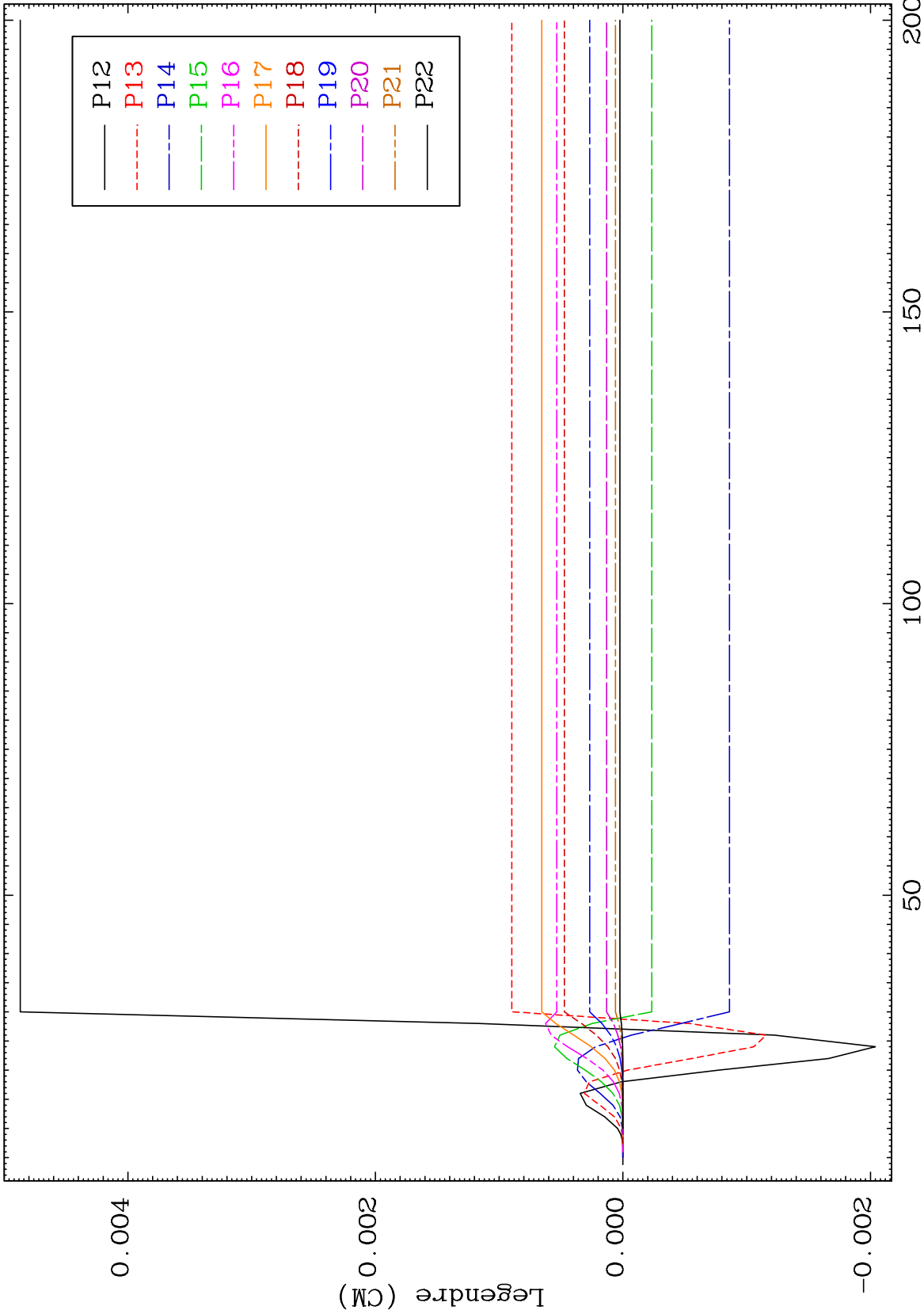
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



91

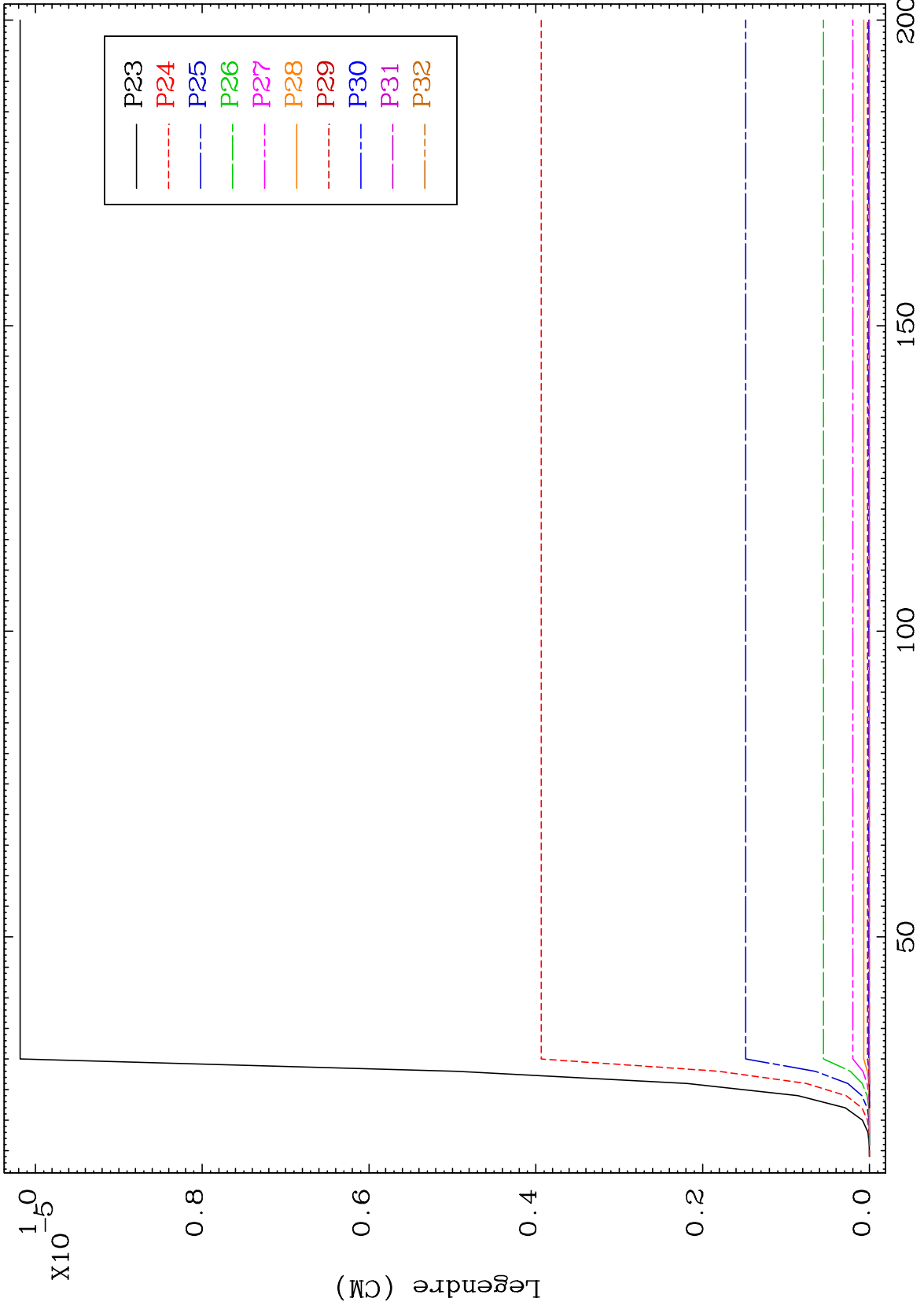
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



92

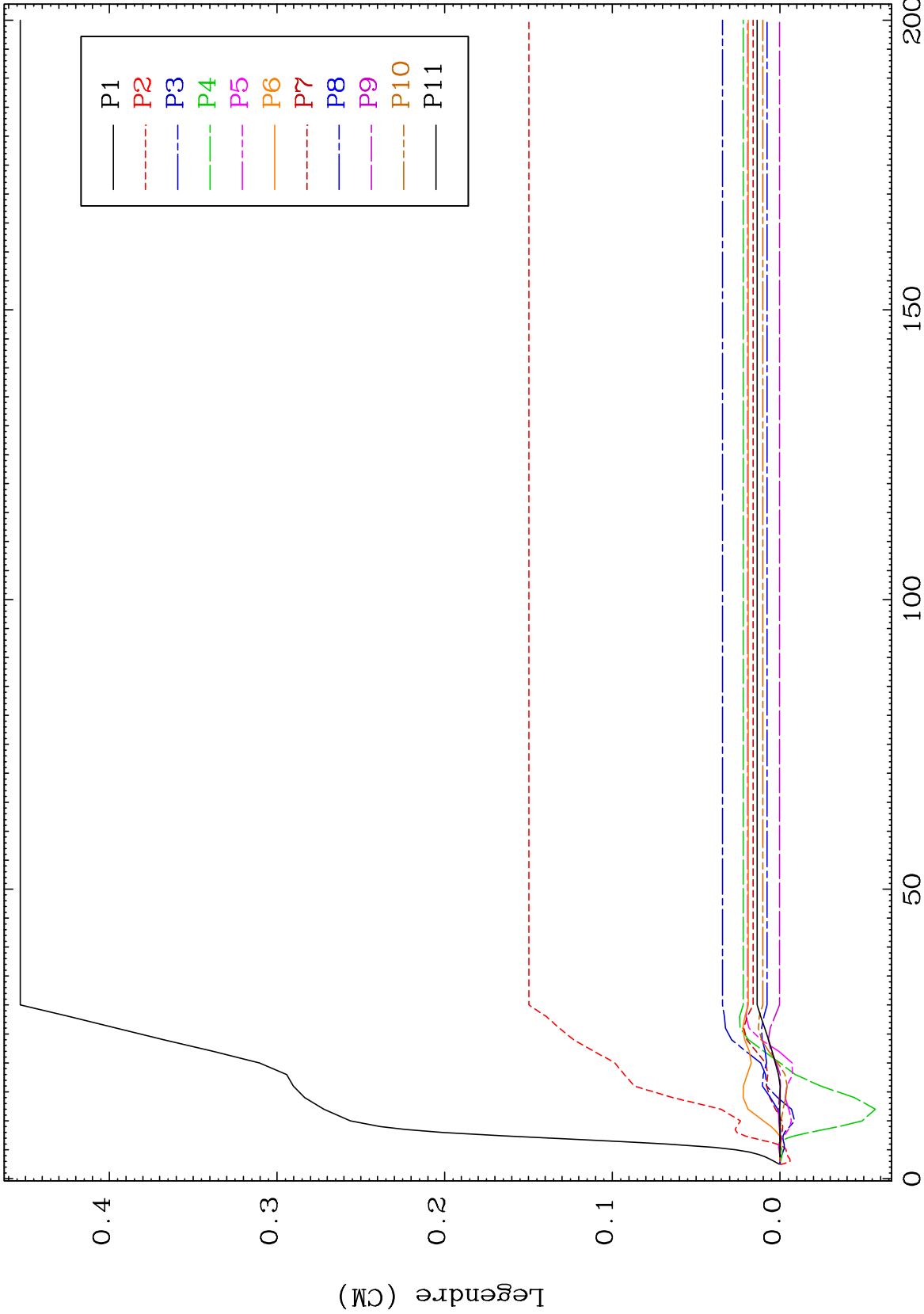
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



93

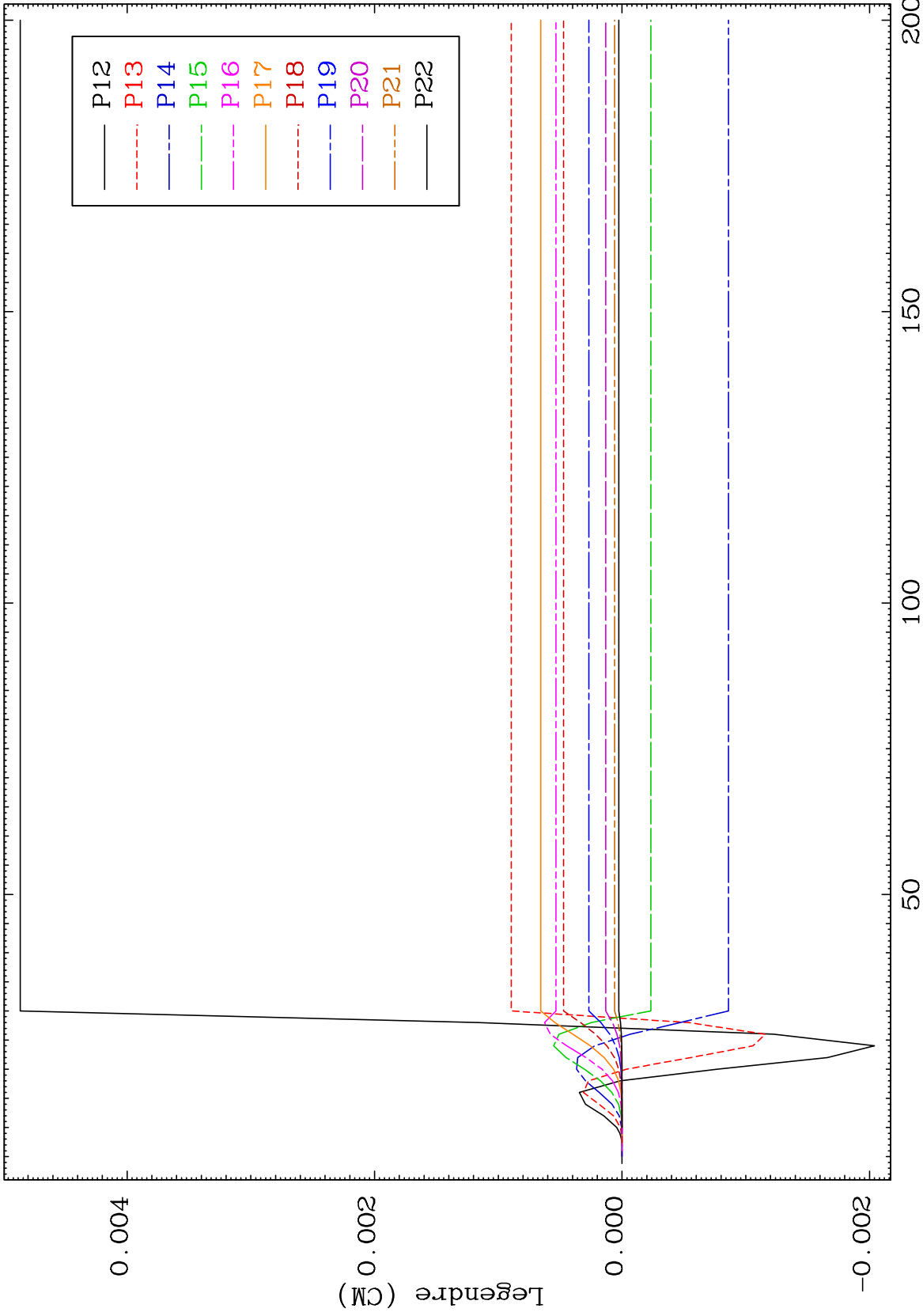
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



94

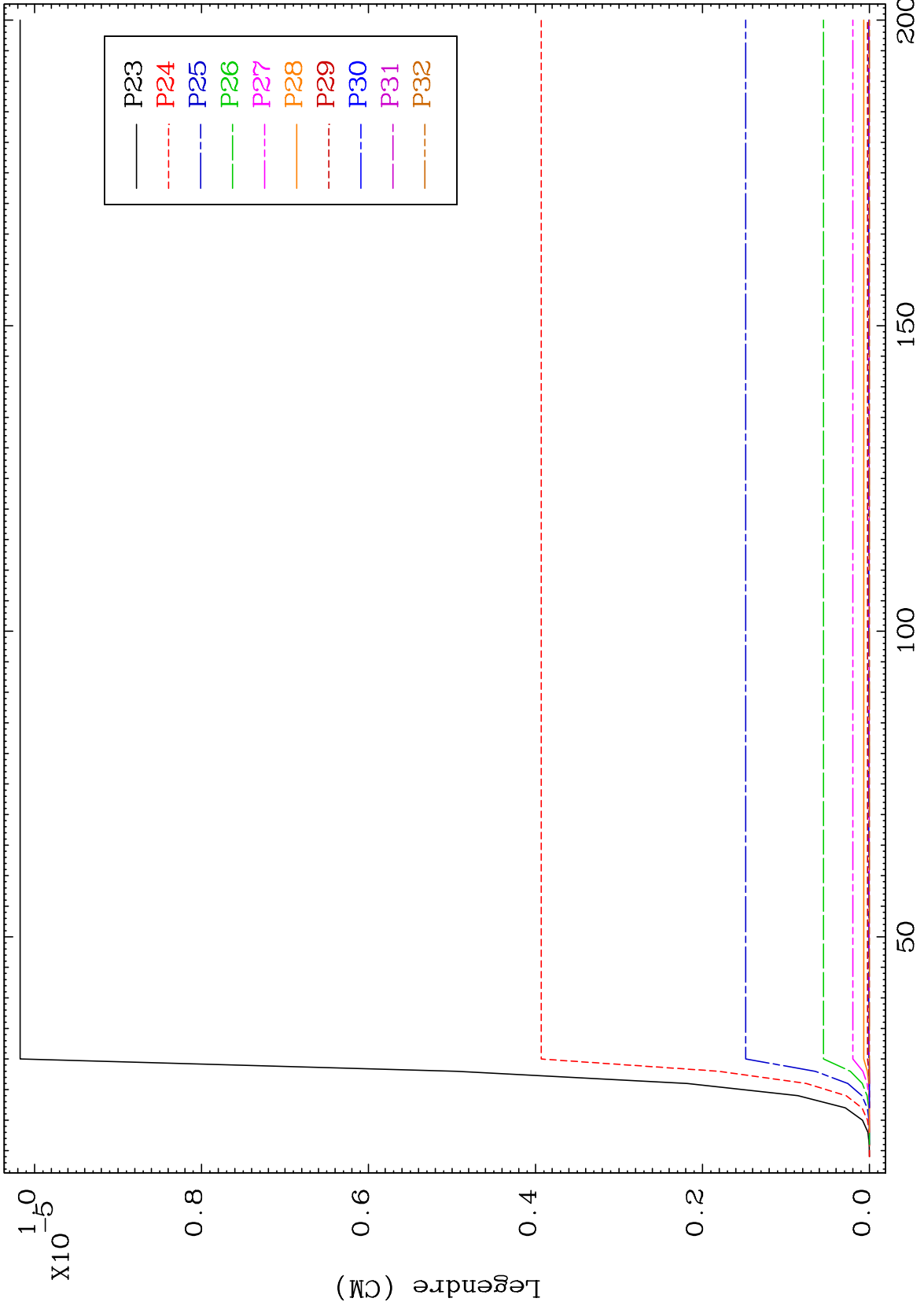
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71

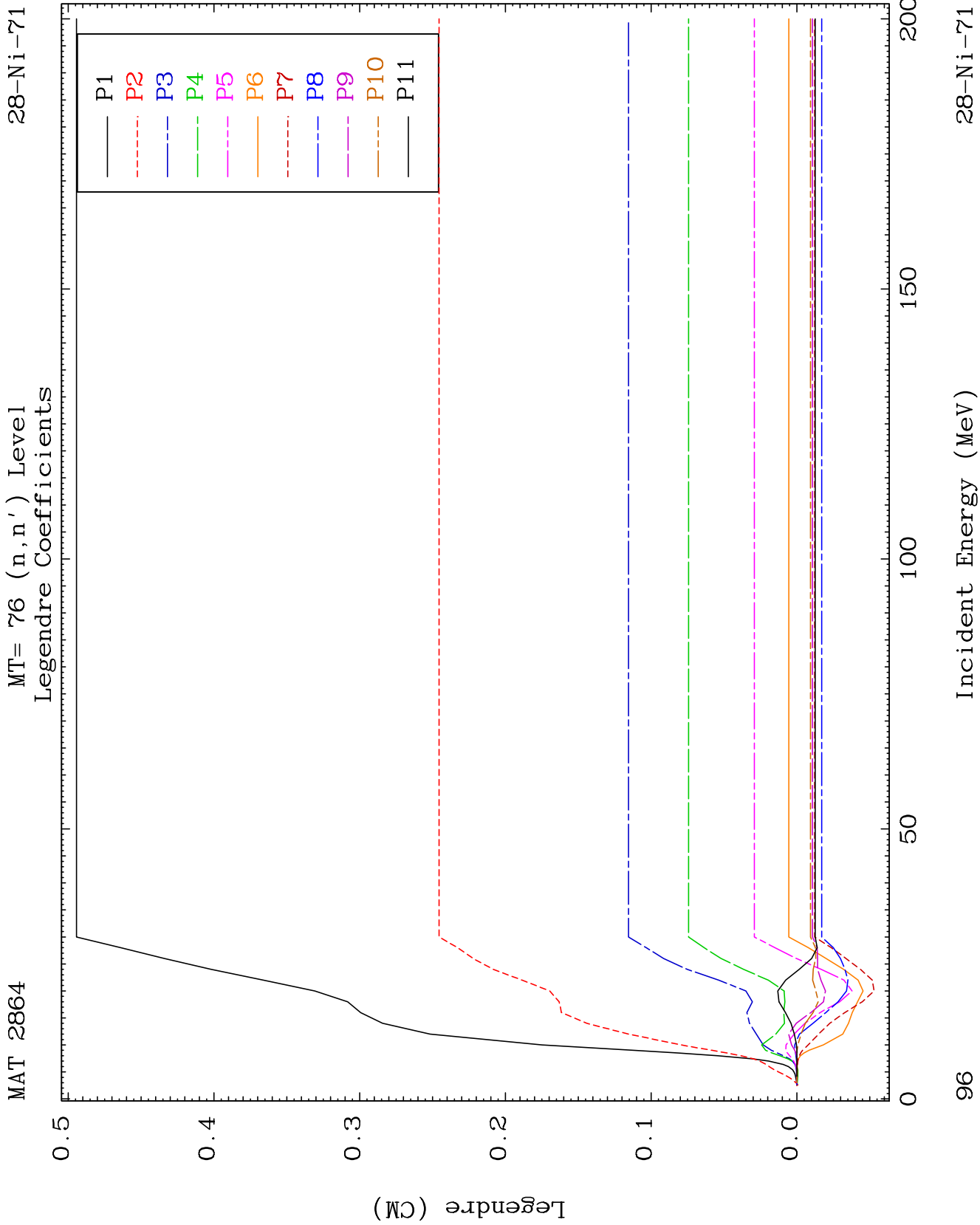


95

Incident Energy (MeV)

28-Ni-71

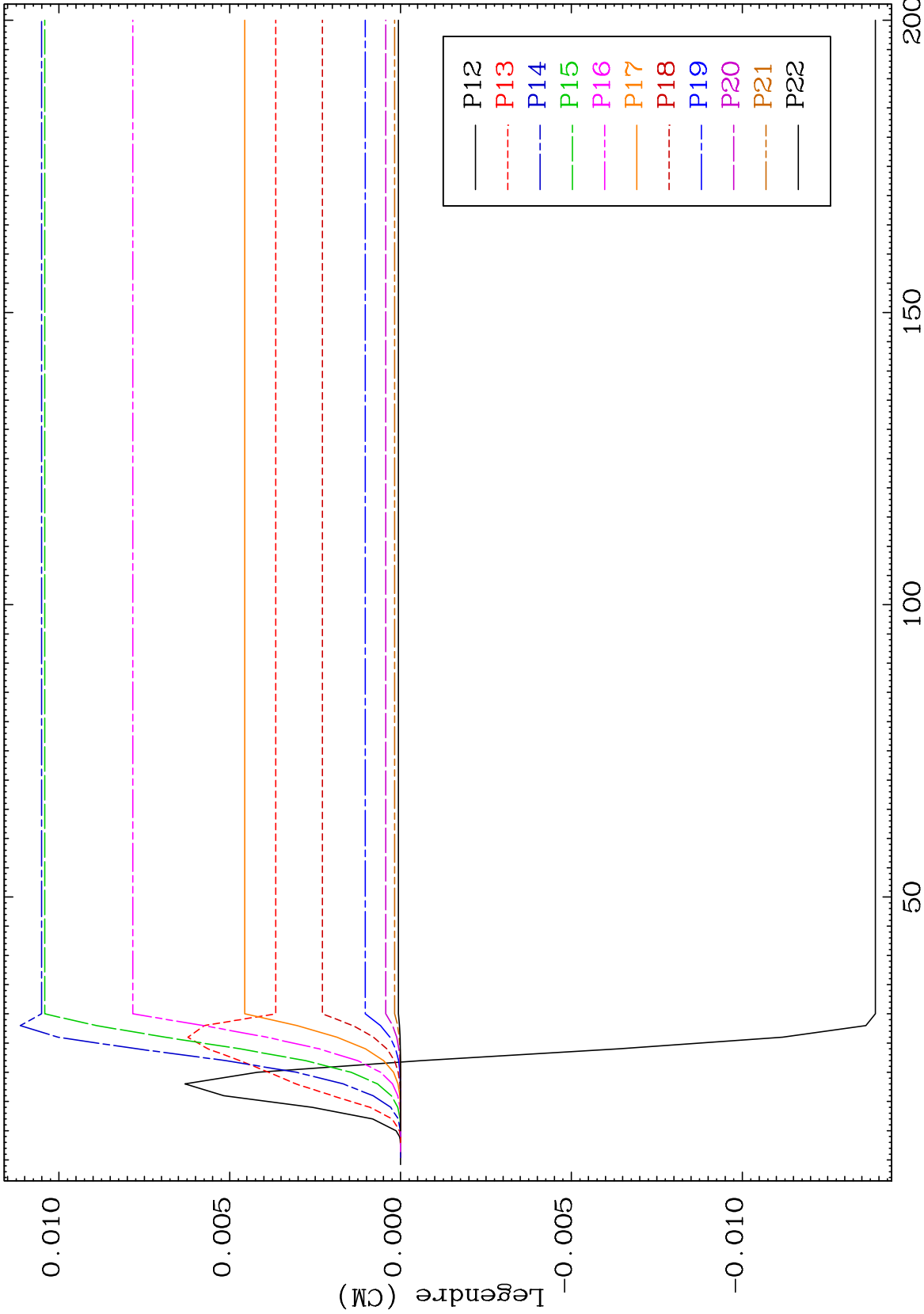




MAT 2864

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

28-Ni-71

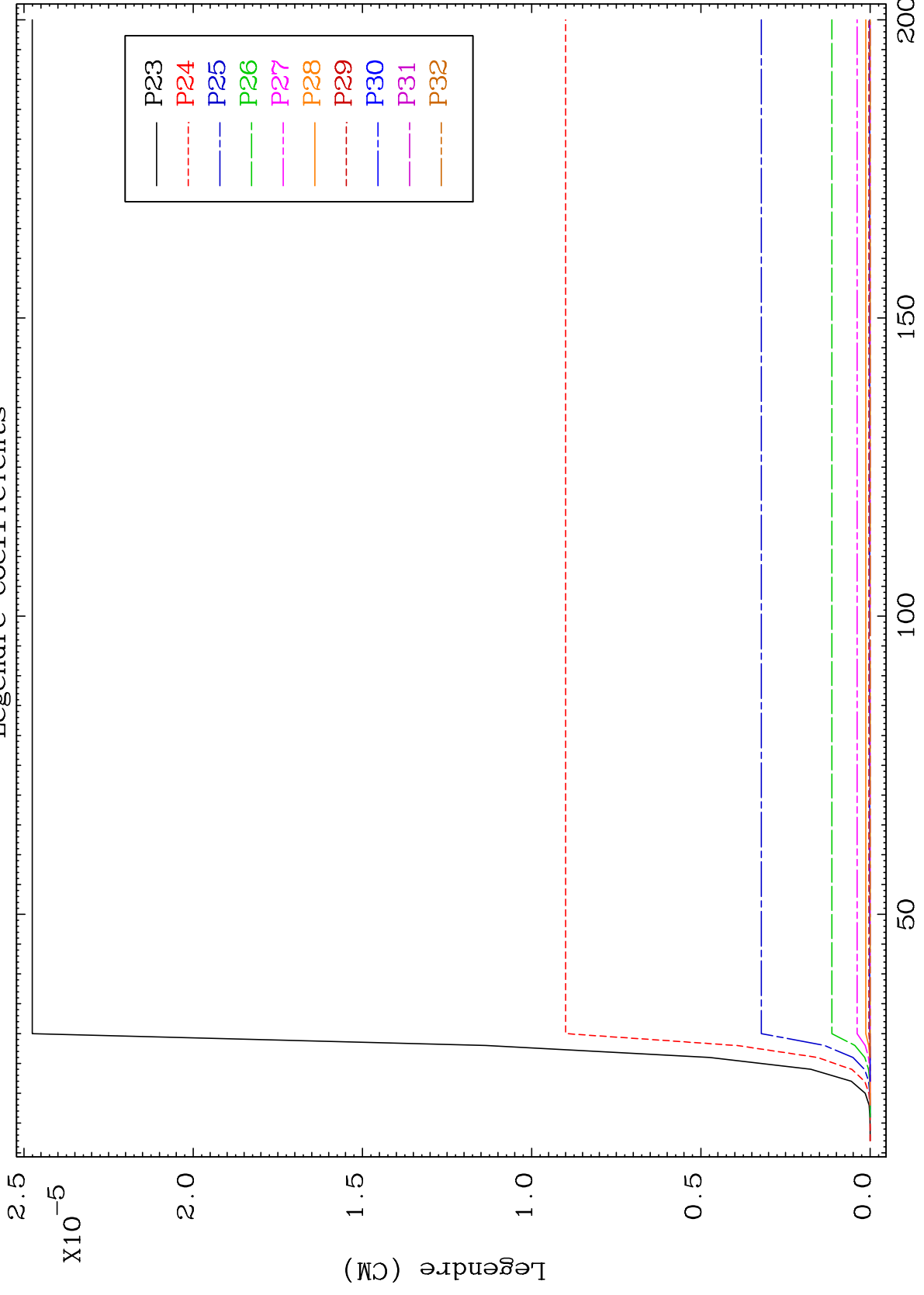


97

Incident Energy (MeV)

28-Ni-71

MAT 2864 MT= 76 (n,n') Level Legendre Coefficients 28-Ni-71

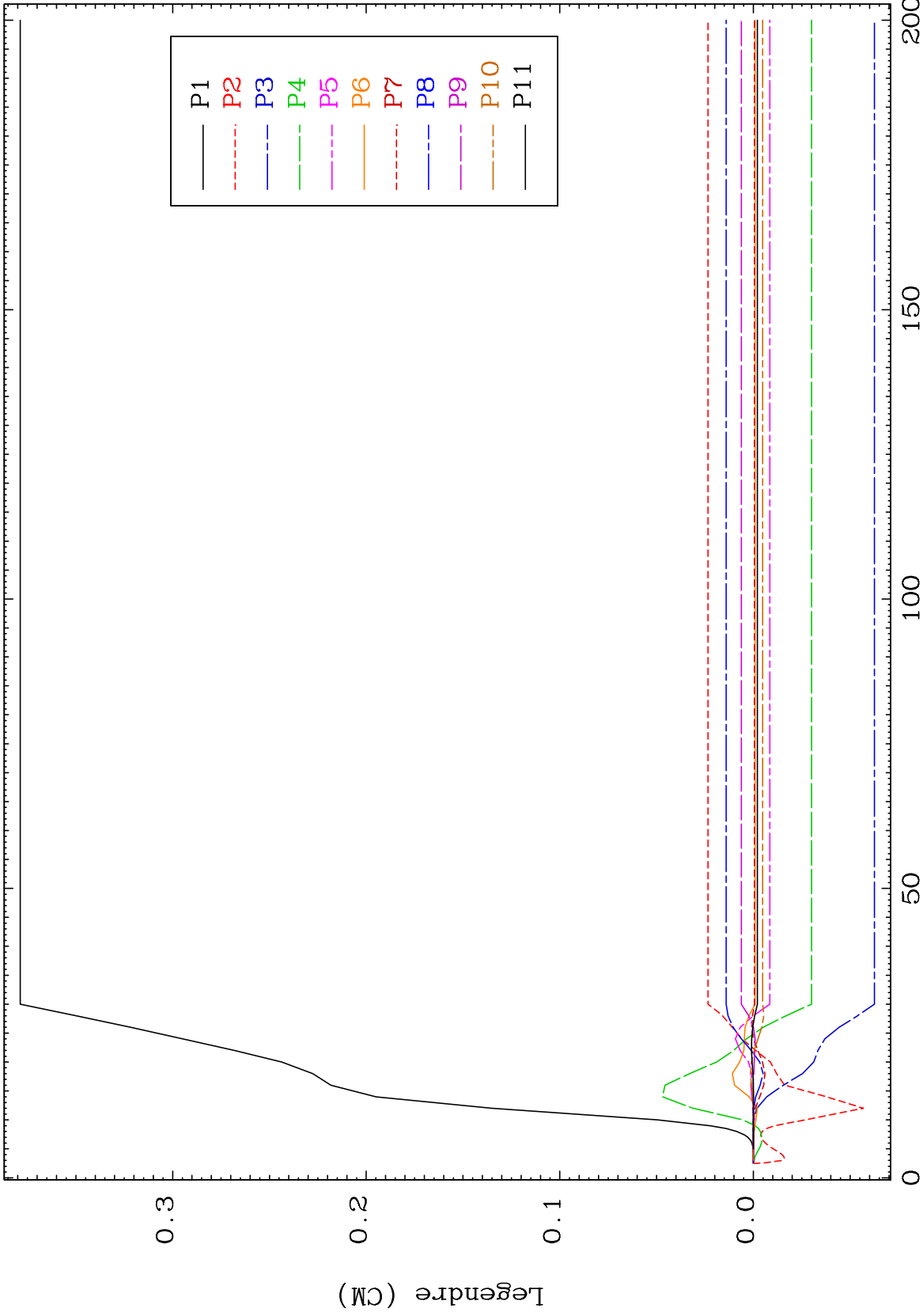


98 28-Ni-71

MAT 2864

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

28-Ni-71



99

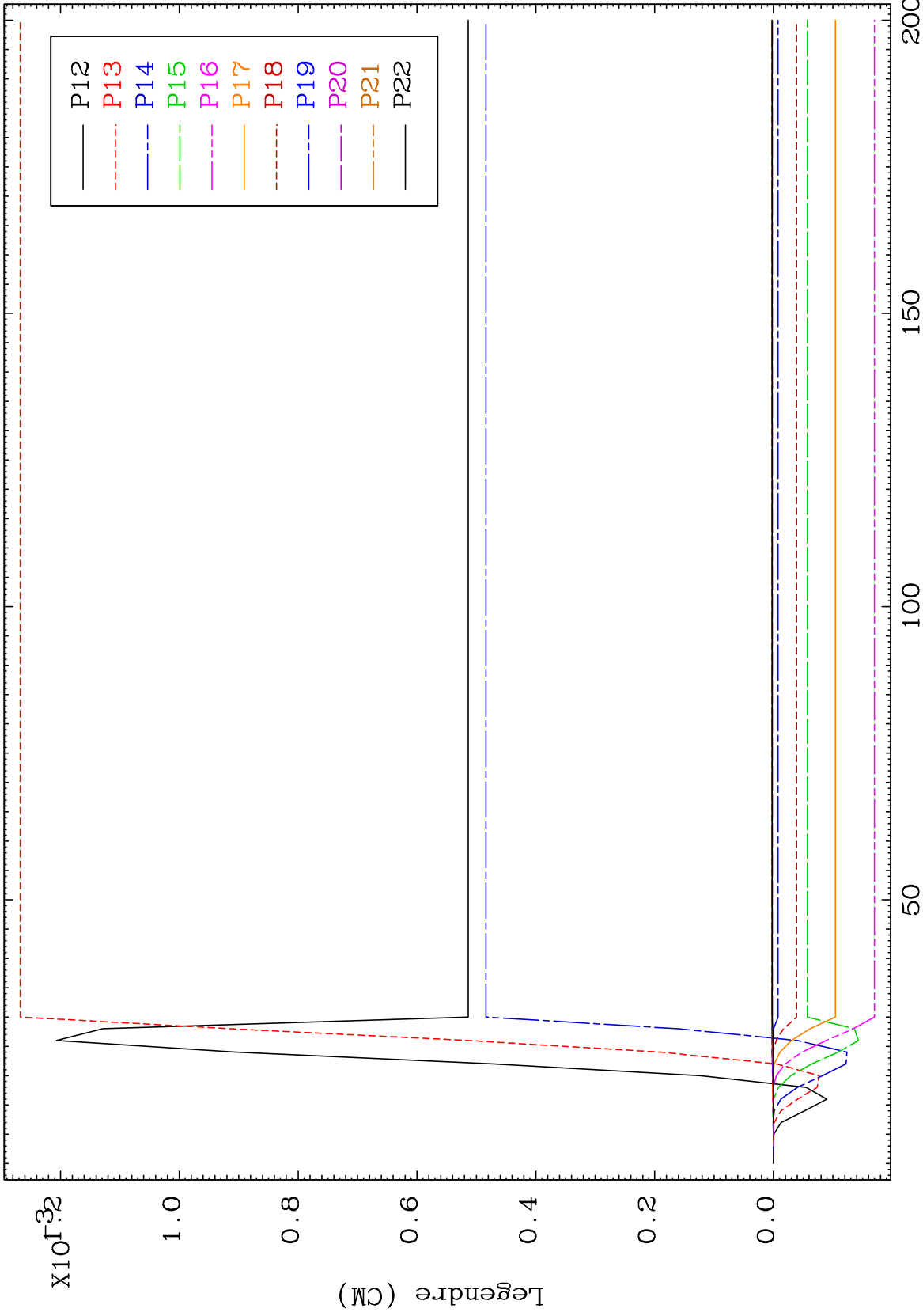
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71

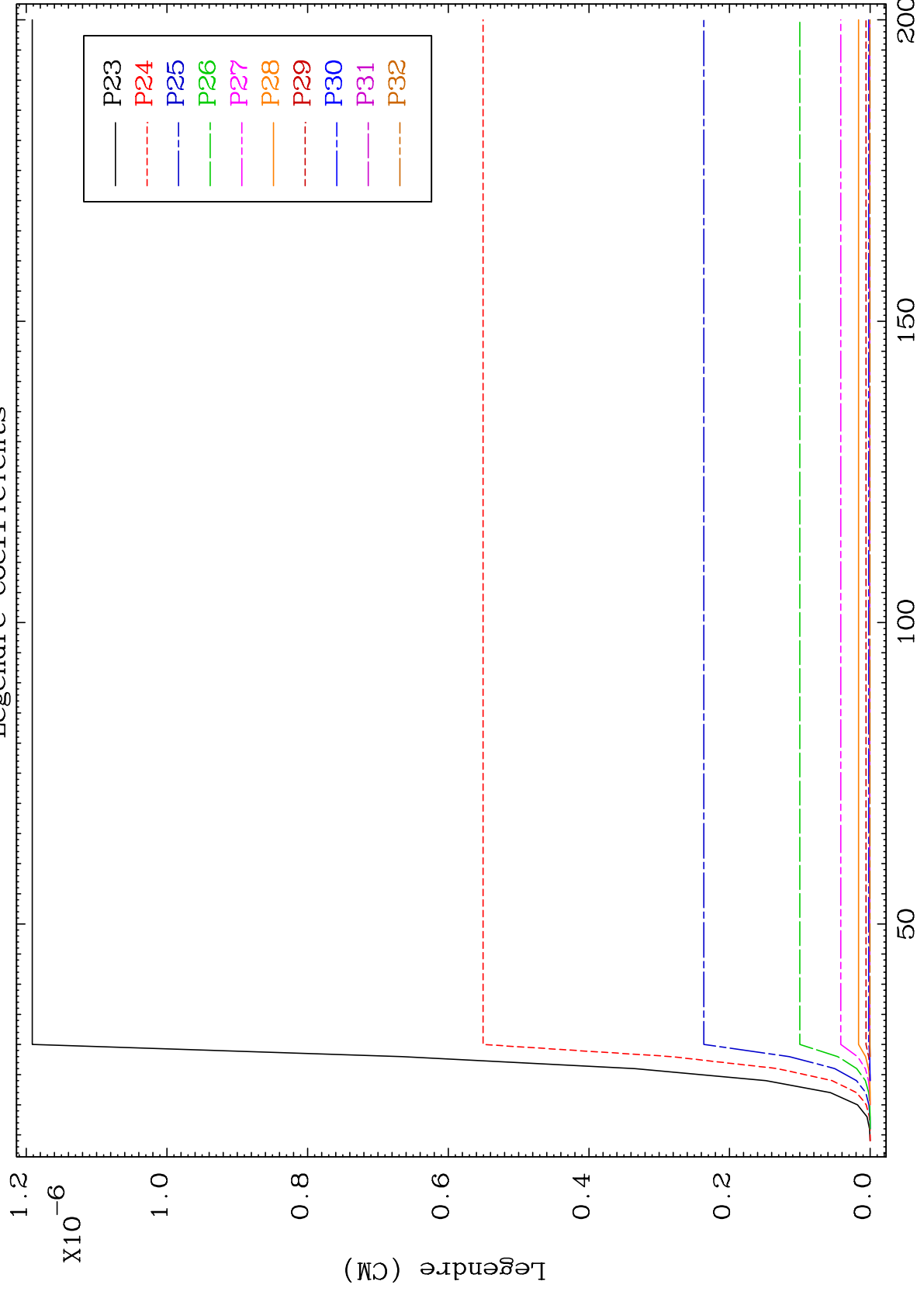


28-Ni-71

Incident Energy (MeV)

Legendre (CM)  $\times 10^{-32}$

MAT 2864 MT= 77 (n,n') Level Legendre Coefficients 28-Ni-71

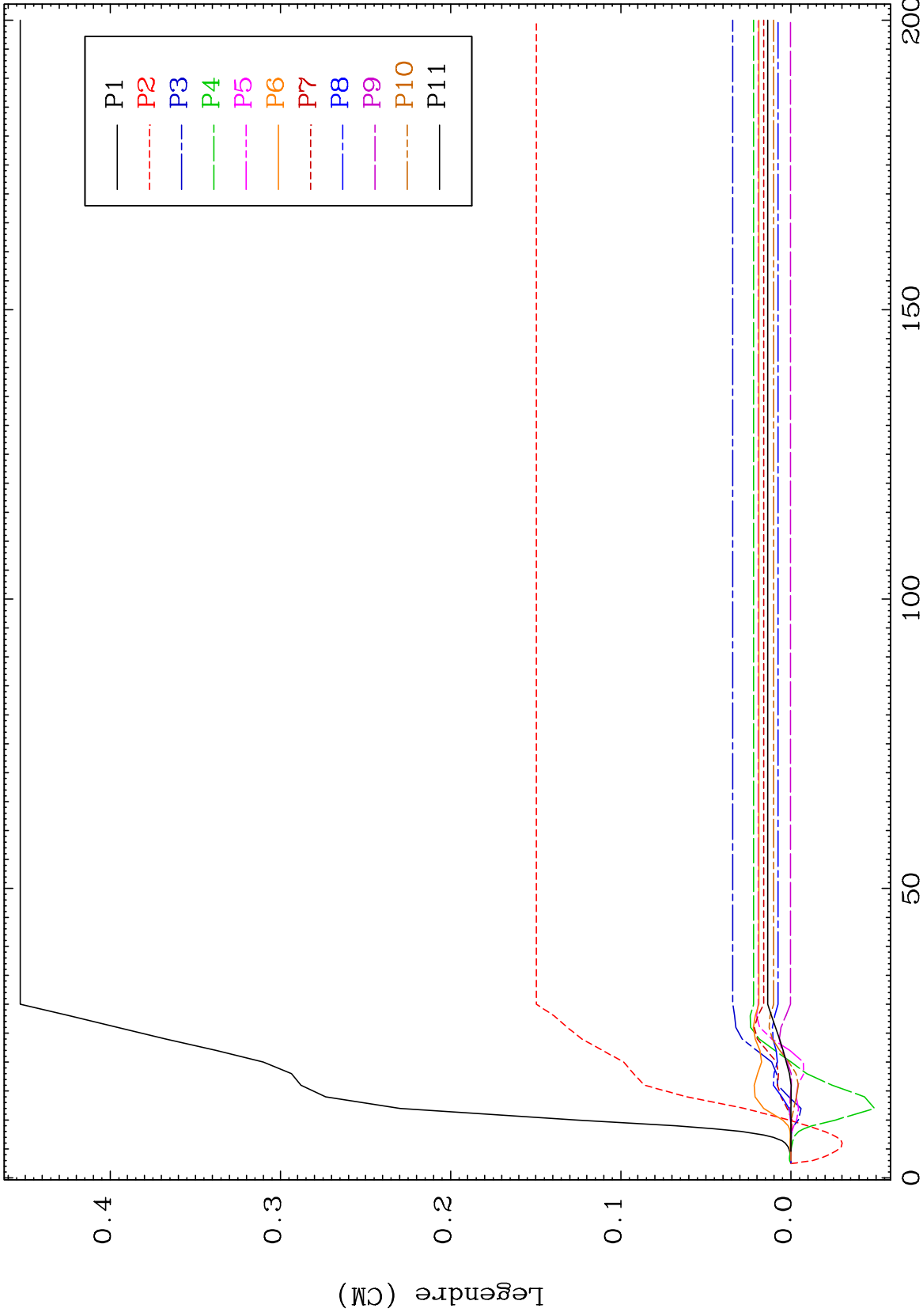


101 50 100 150 200 Incident Energy (MeV) 28-Ni-71

MAT 2864

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

28-Ni-71



28-Ni-71

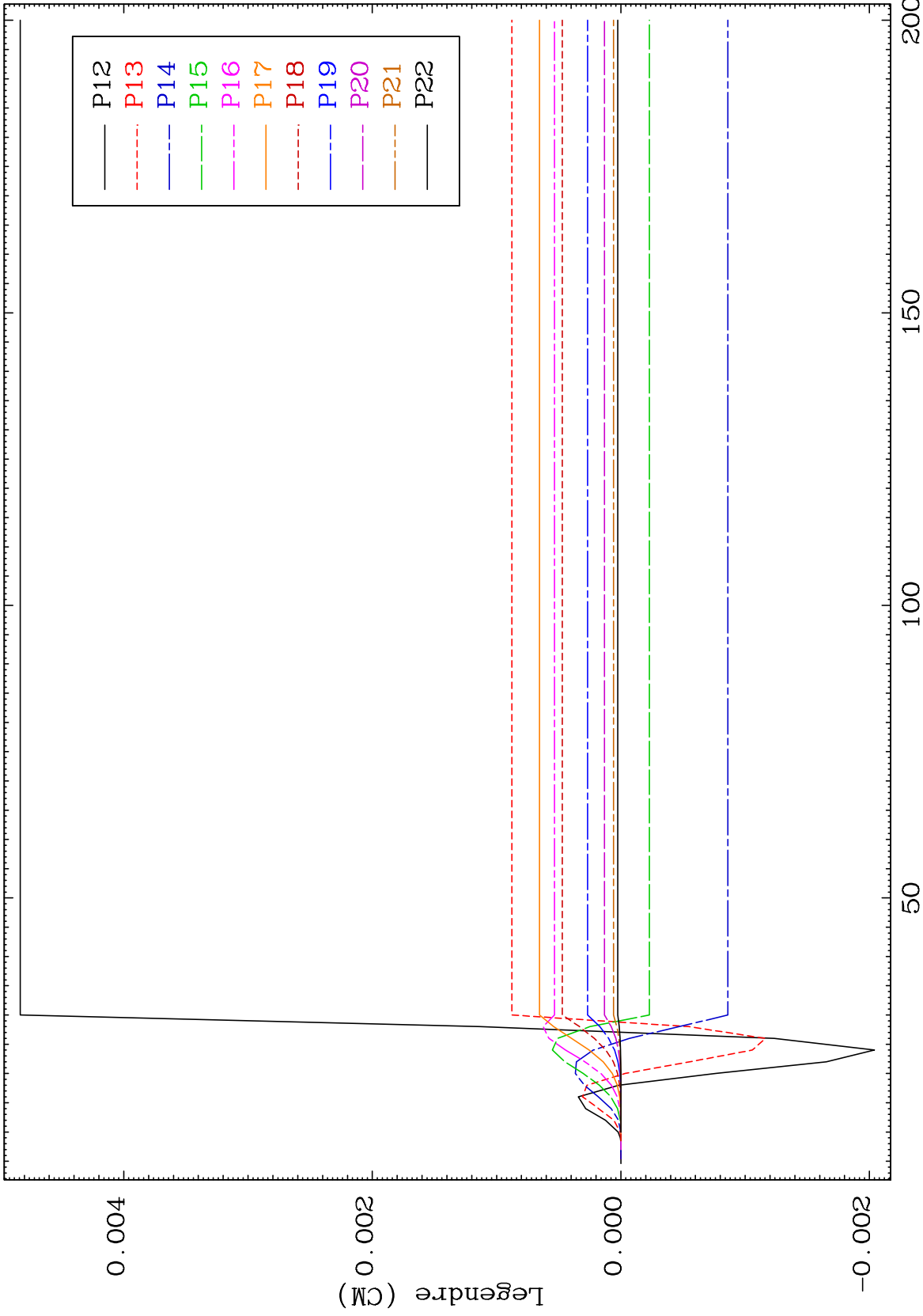
Incident Energy (MeV)

102

MAT 2864

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

28-Ni-71



103

Incident Energy (MeV)

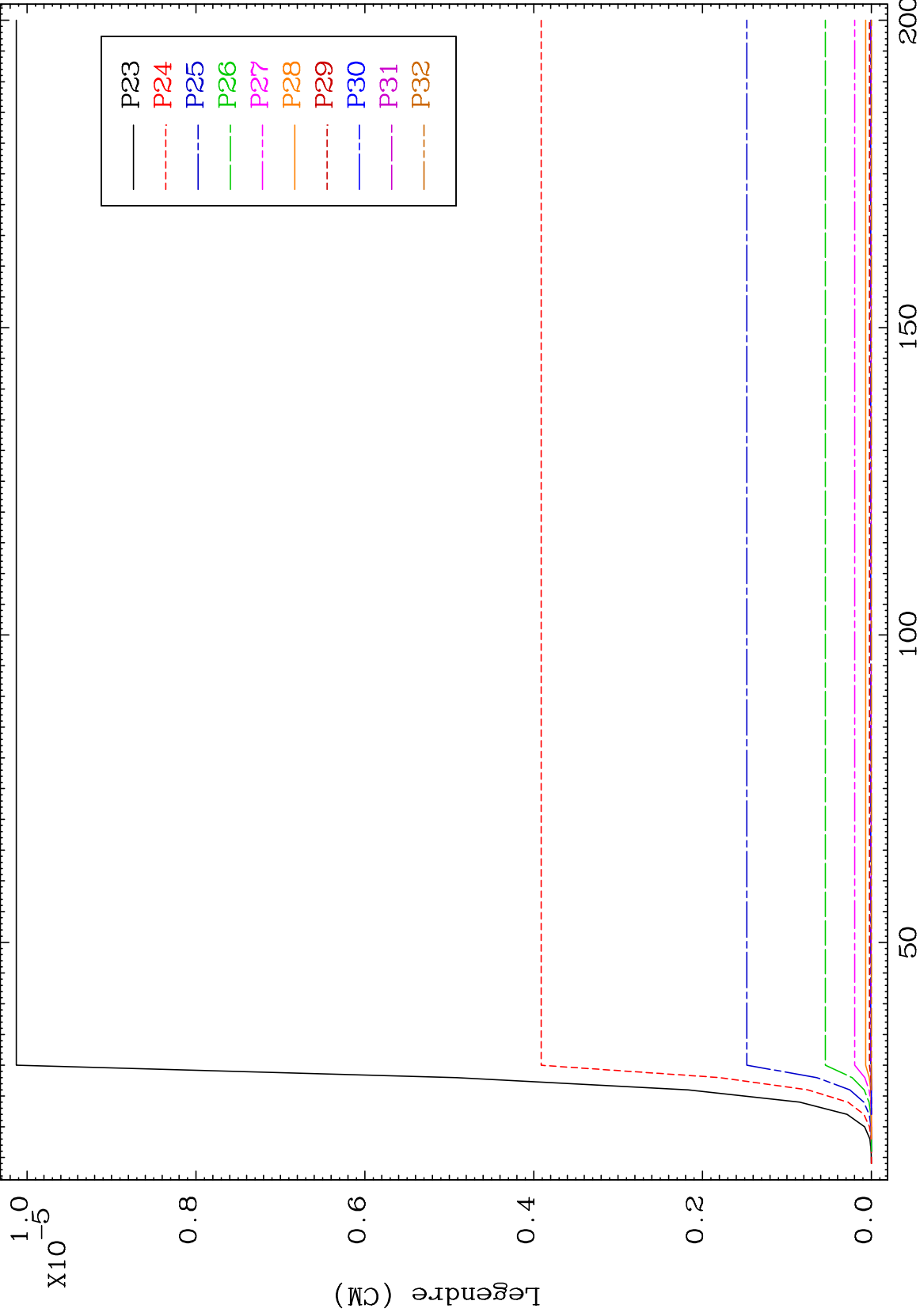
28-Ni-71



MAT 2864

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

28-Ni-71



104

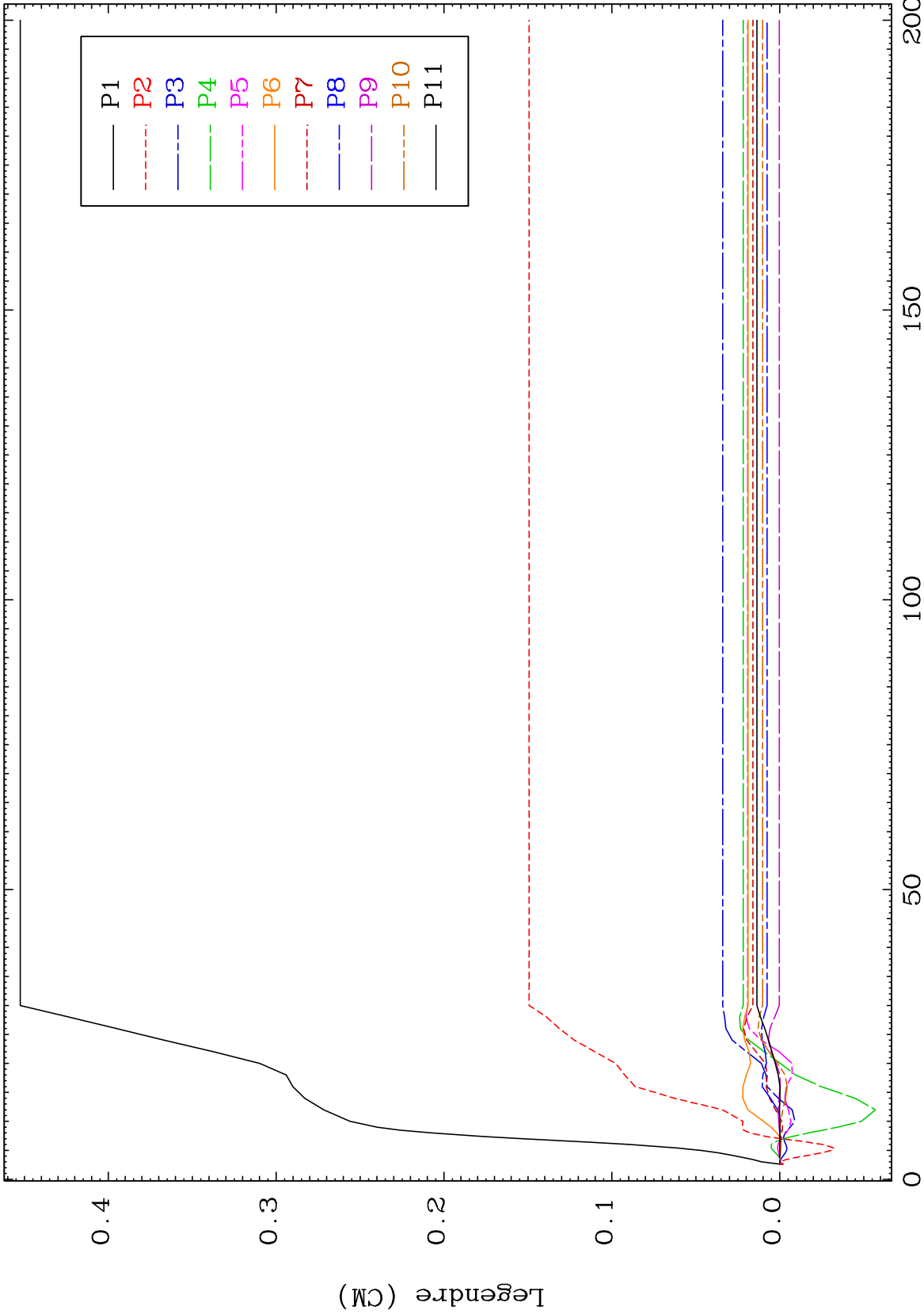
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



28-Ni-71

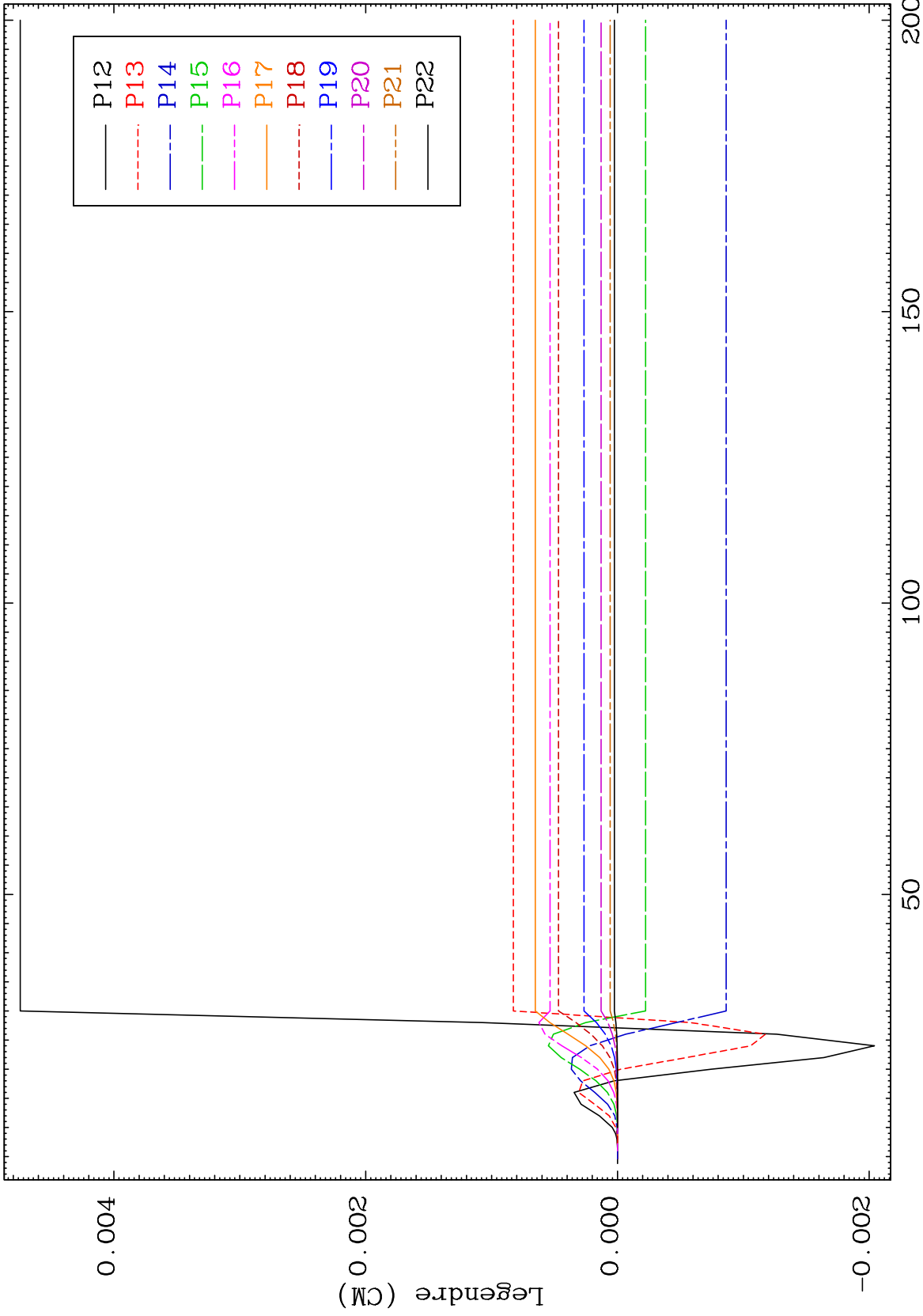
Incident Energy (MeV)

Legendre (CM)

MAT 2864

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

28-Ni-71



106

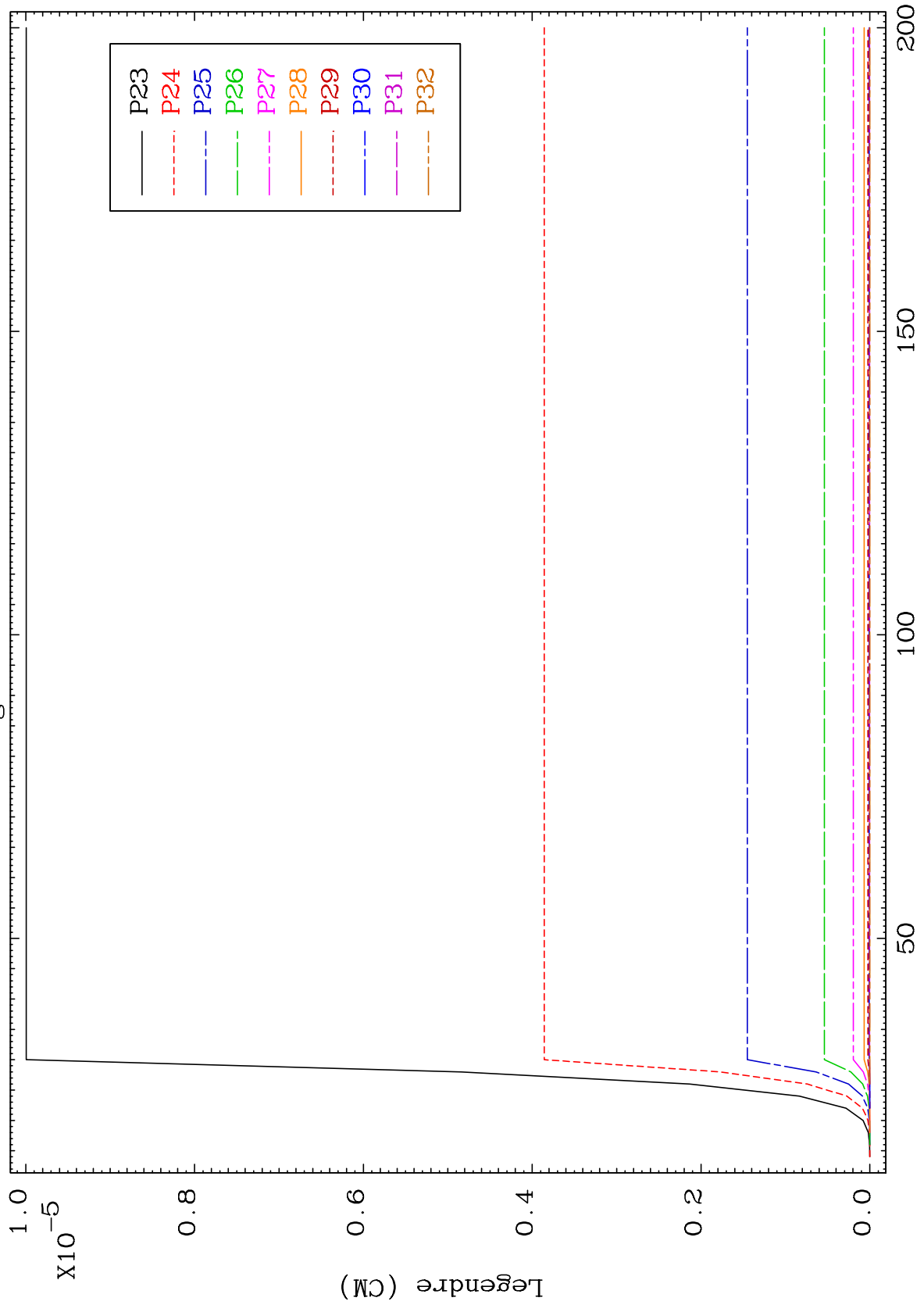
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



107

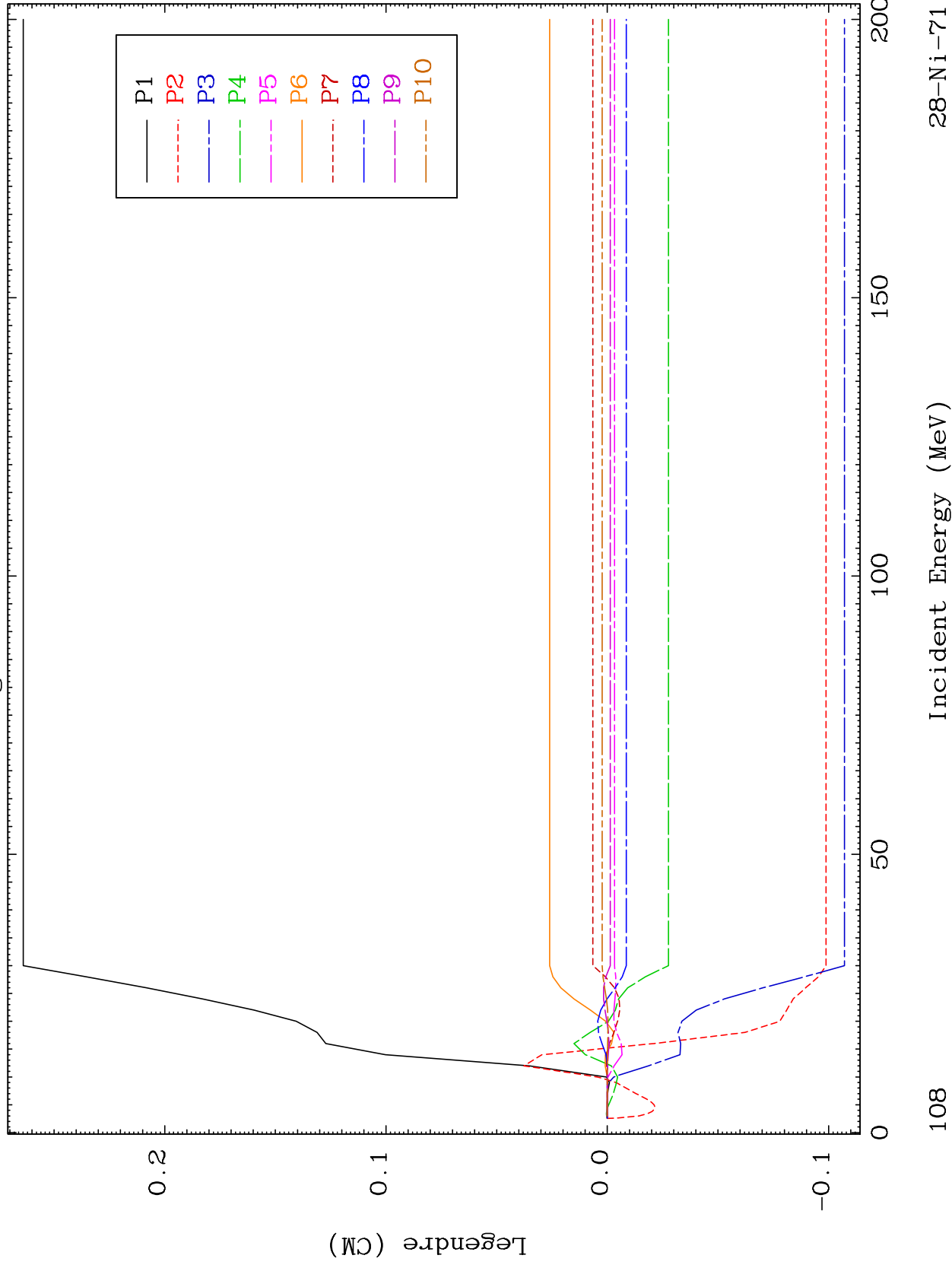
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



108

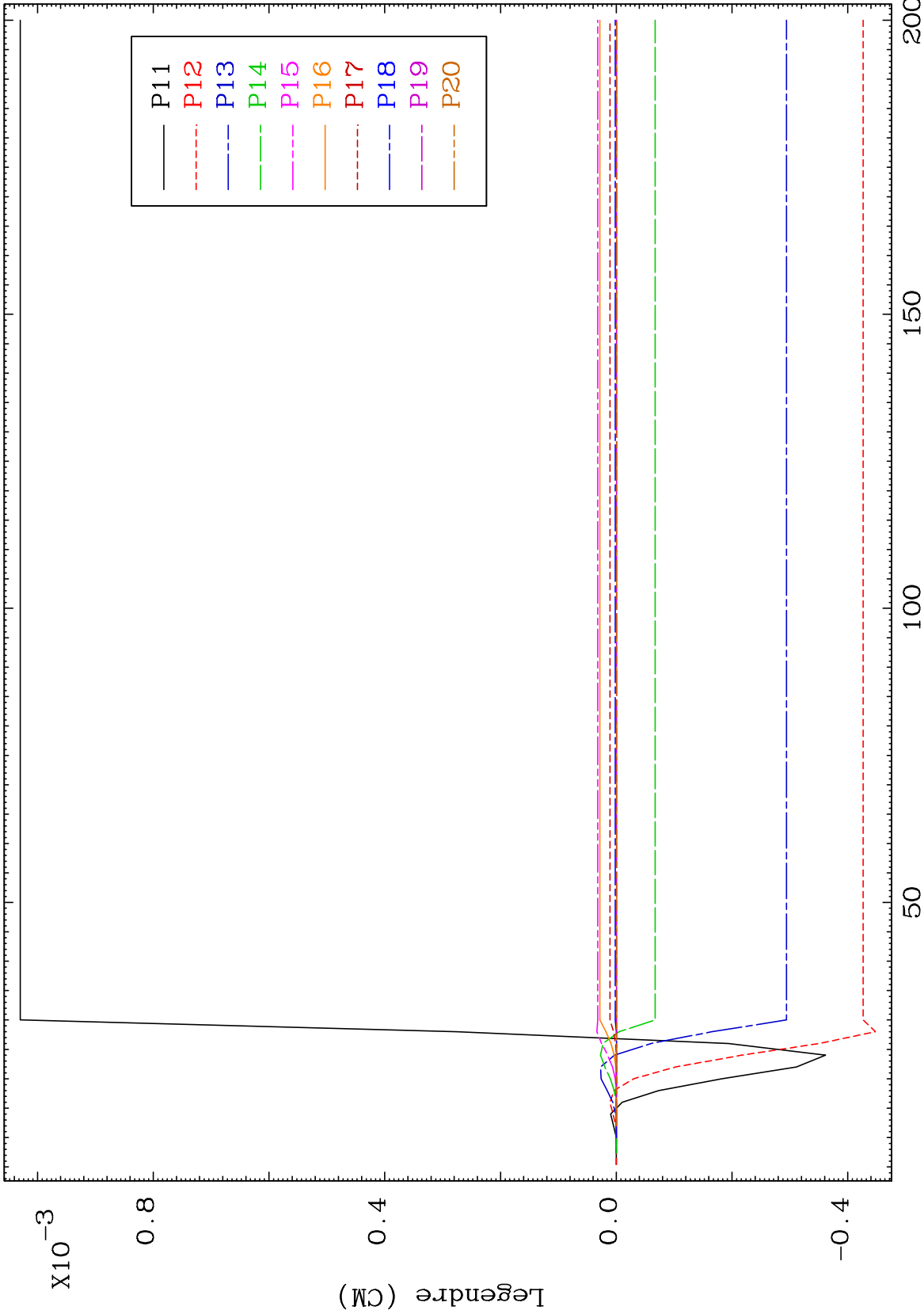
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

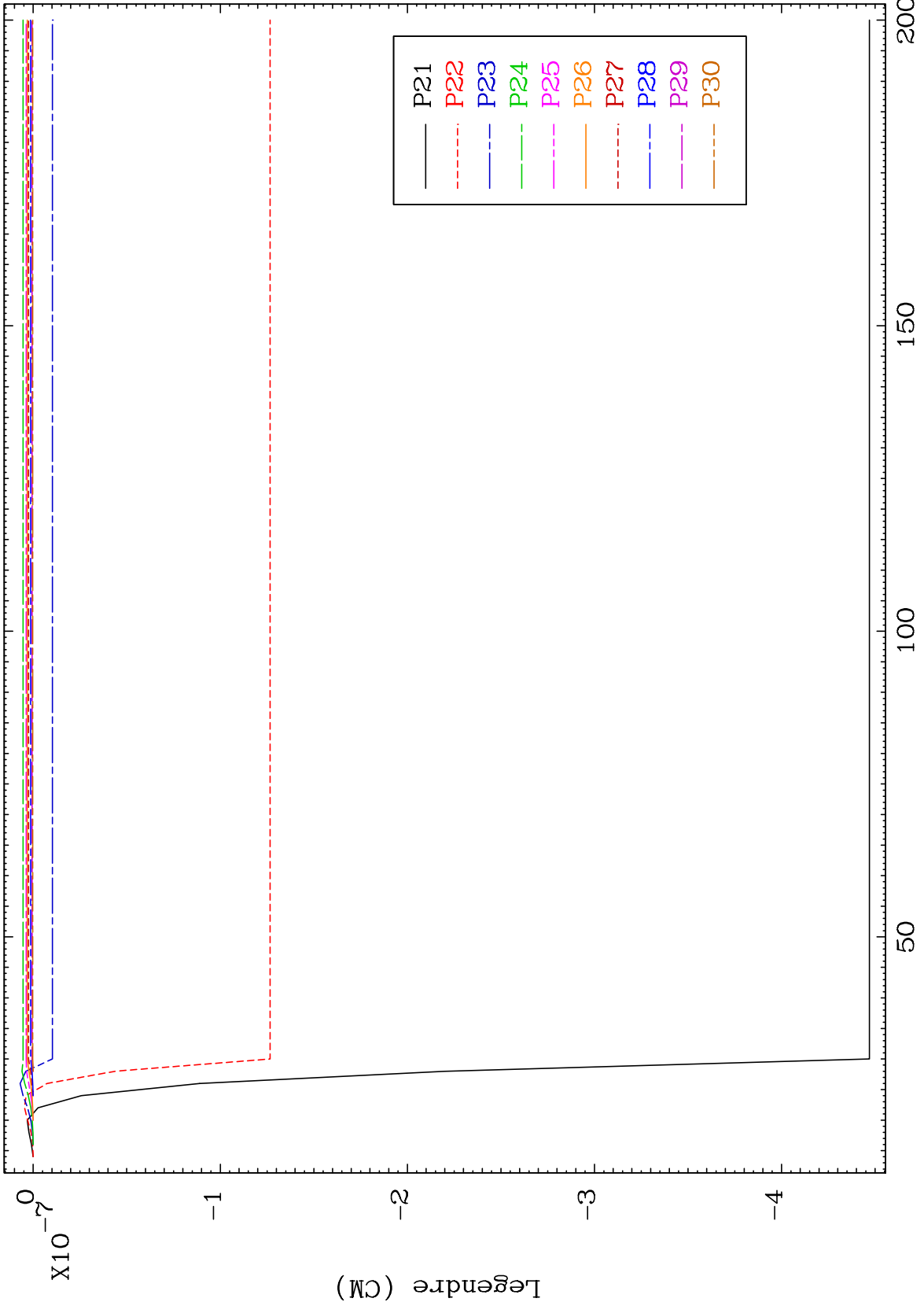
28-Ni-71



109

28-Ni-71

MAT 2864 MT= 80 (n,n') Level Legendre Coefficients 28-Ni-71

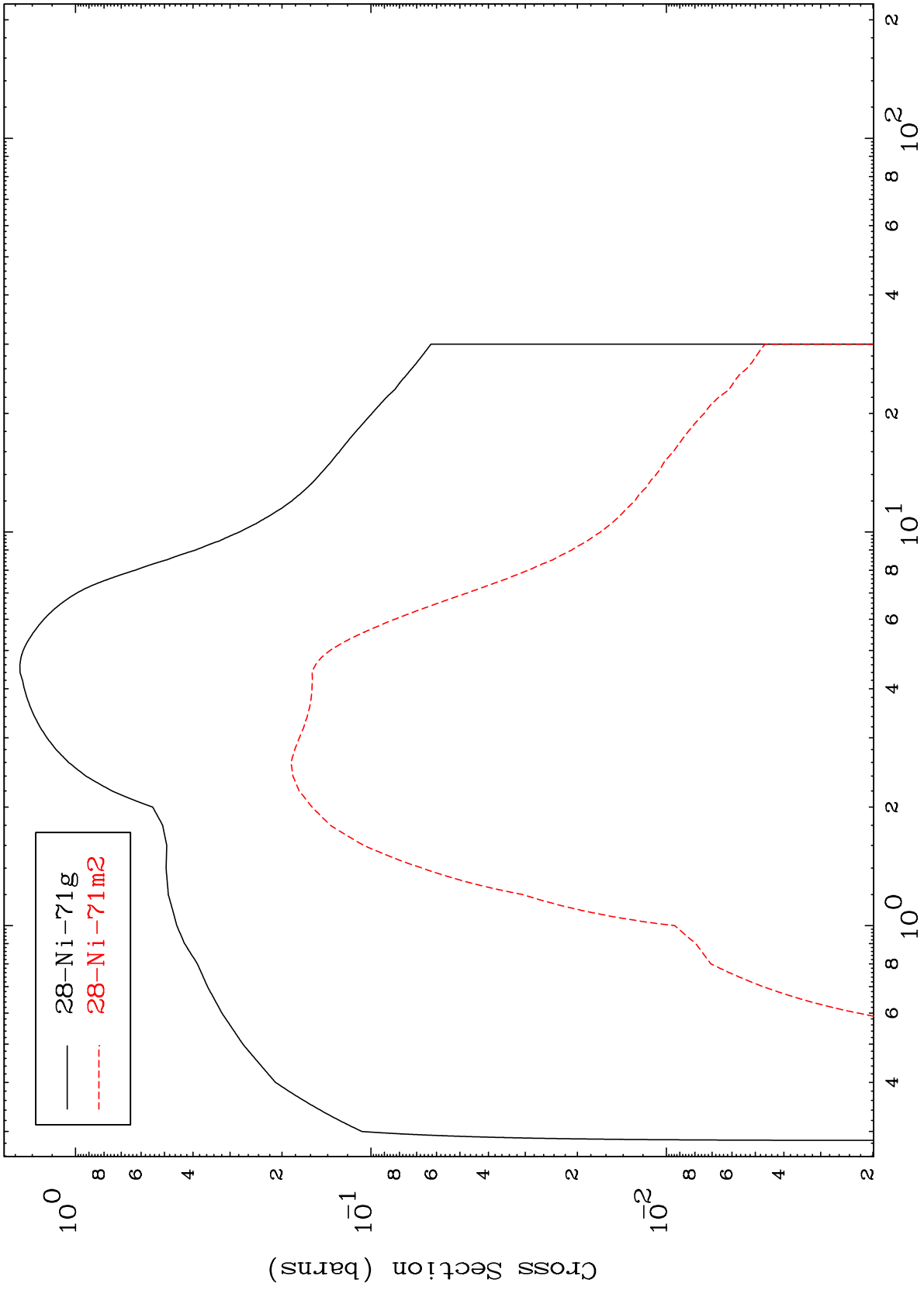


110 28-Ni-71

MAT 2864

### Inelastic Radionuclide Production Cross Section

28-Ni-71



— 28-Ni-71g  
- - - 28-Ni-71m2

111

Incident Energy (MeV)

28-Ni-71

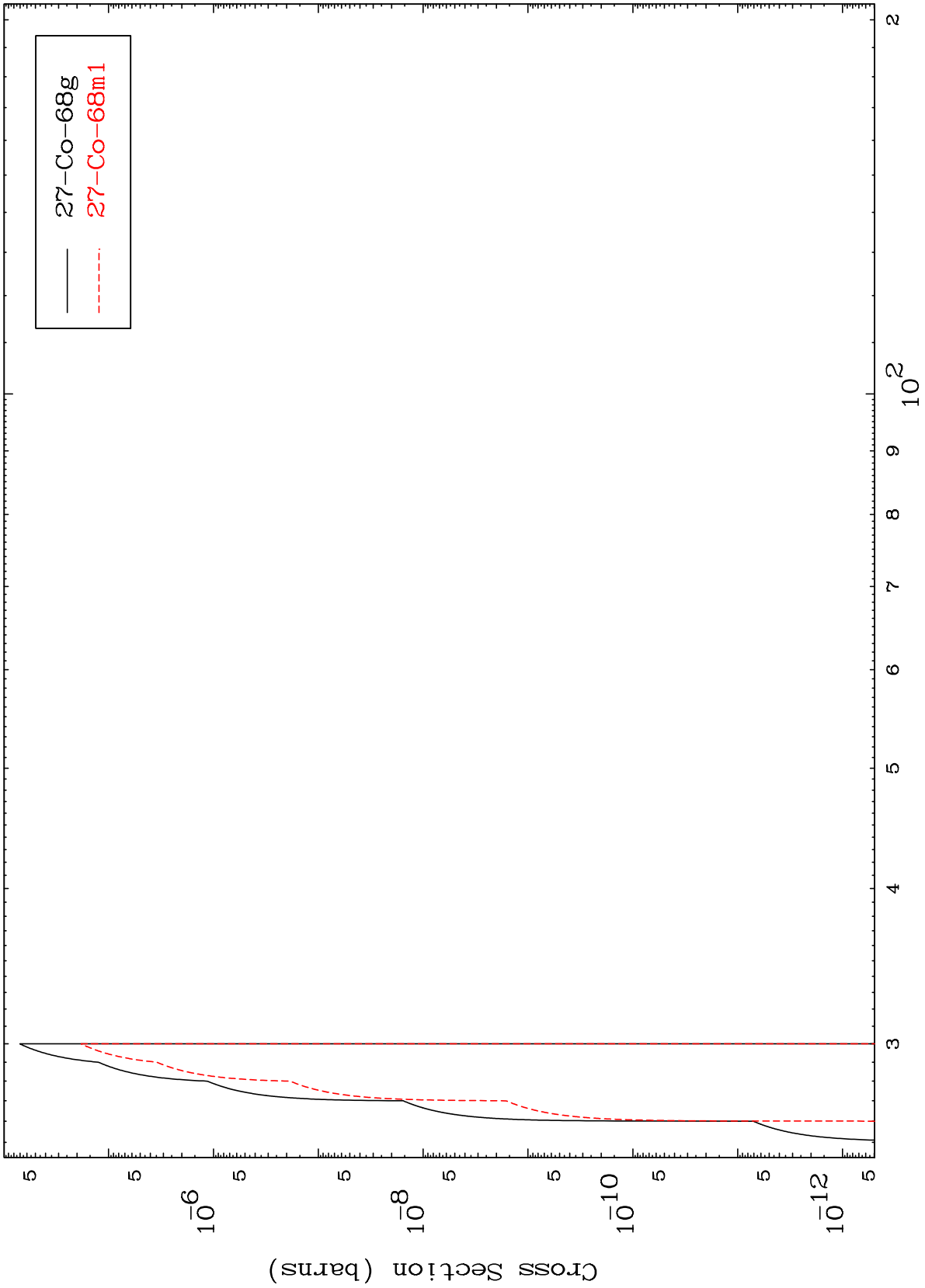


MAT 2864

(n,2n) d

28-Ni-71

Radionuclide Production Cross Section



112

Incident Energy (MeV)

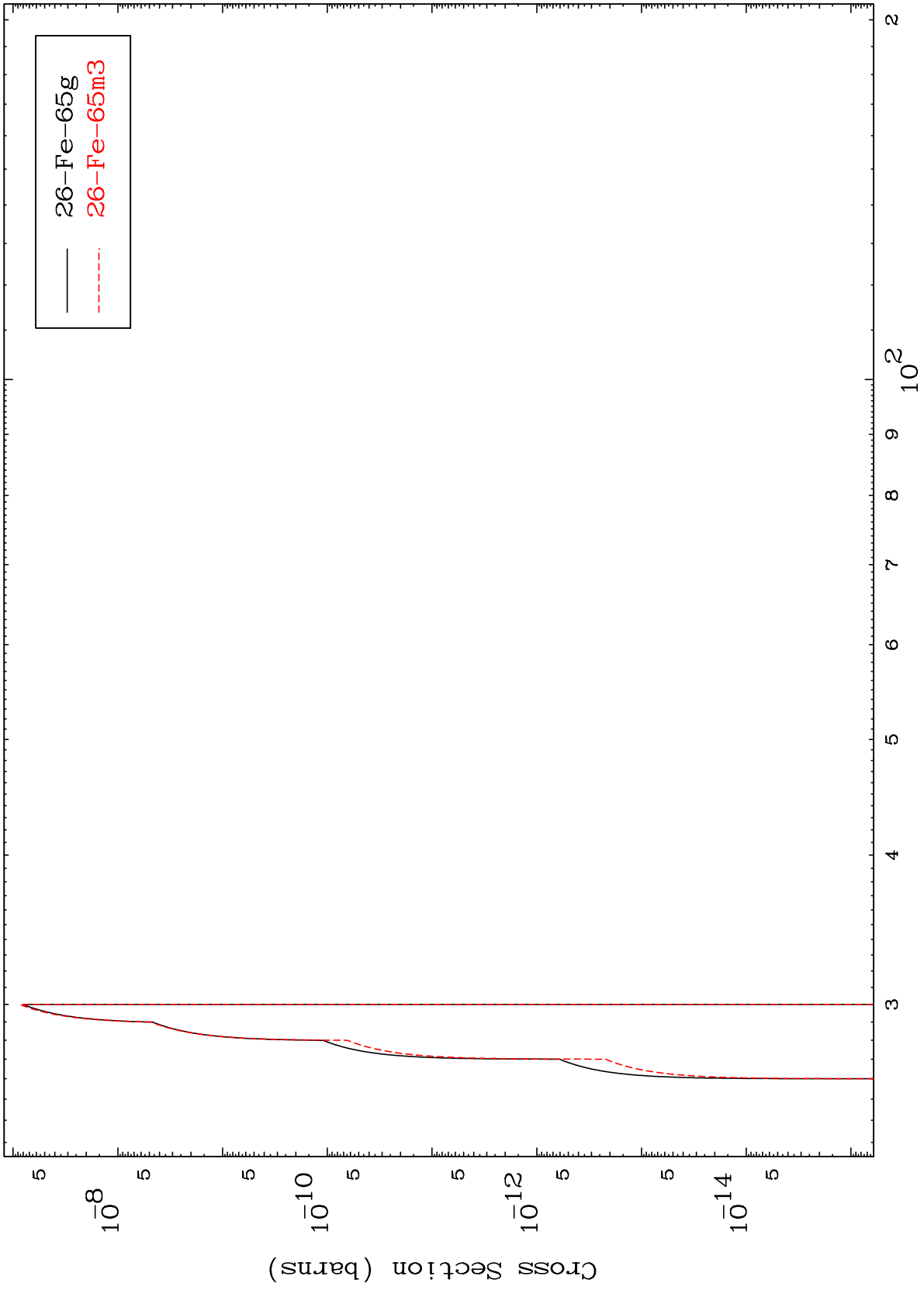
28-Ni-71

MAT 2864

(n,3n)  $\alpha$

28-Ni-71

Radionuclide Production Cross Section



113

Incident Energy (MeV)

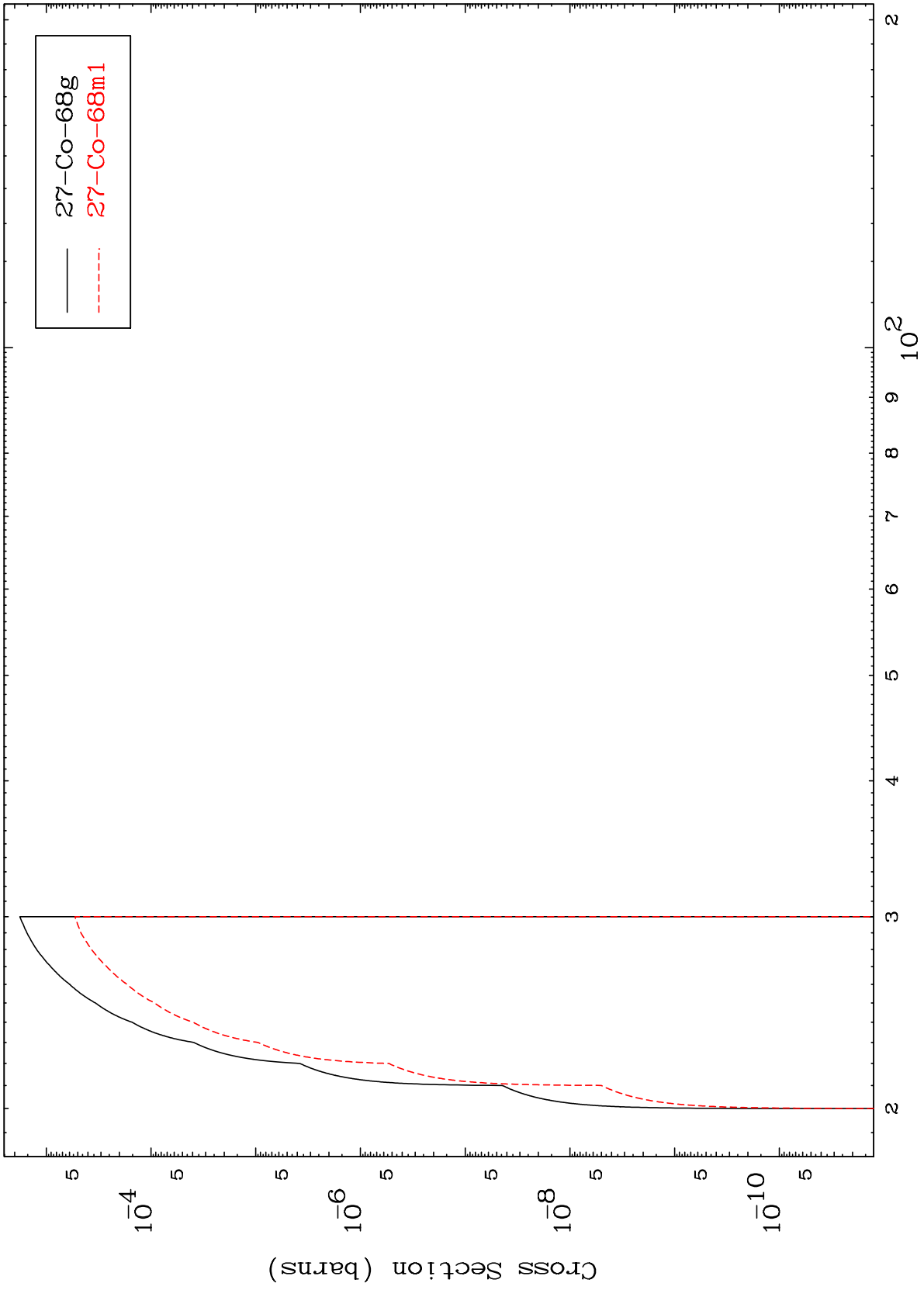
28-Ni-71

MAT 2864

(n,n') t

<sup>28</sup>Ni-71

Radionuclide Production Cross Section



114

Incident Energy (MeV)

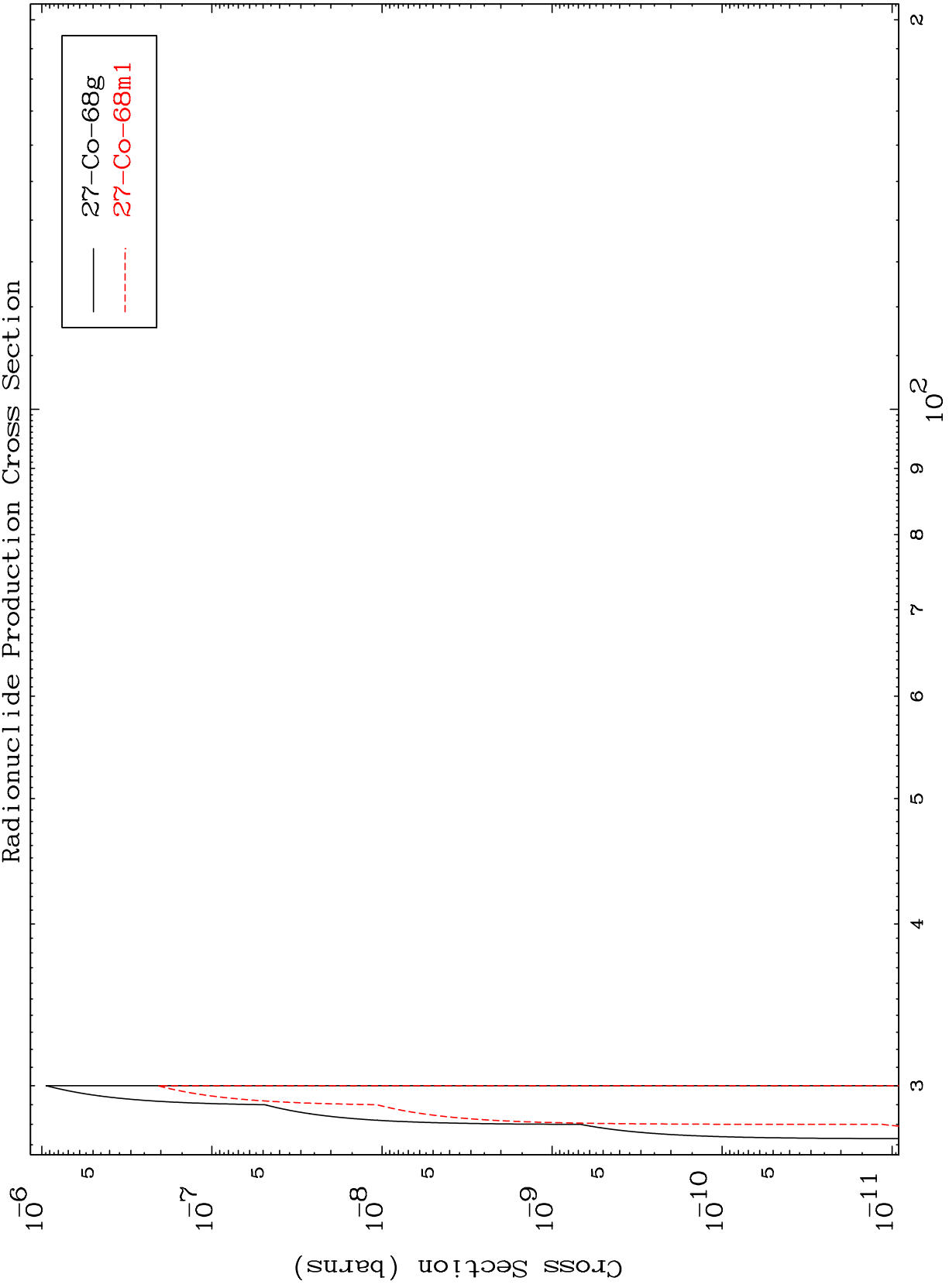
<sup>28</sup>Ni-71

MAT 2864

(n,3n) p

<sup>28</sup>Ni-71

Radionuclide Production Cross Section



115

Incident Energy (MeV)

<sup>28</sup>Ni-71