

Program EVALPLOT
(Version 2018-1)

by

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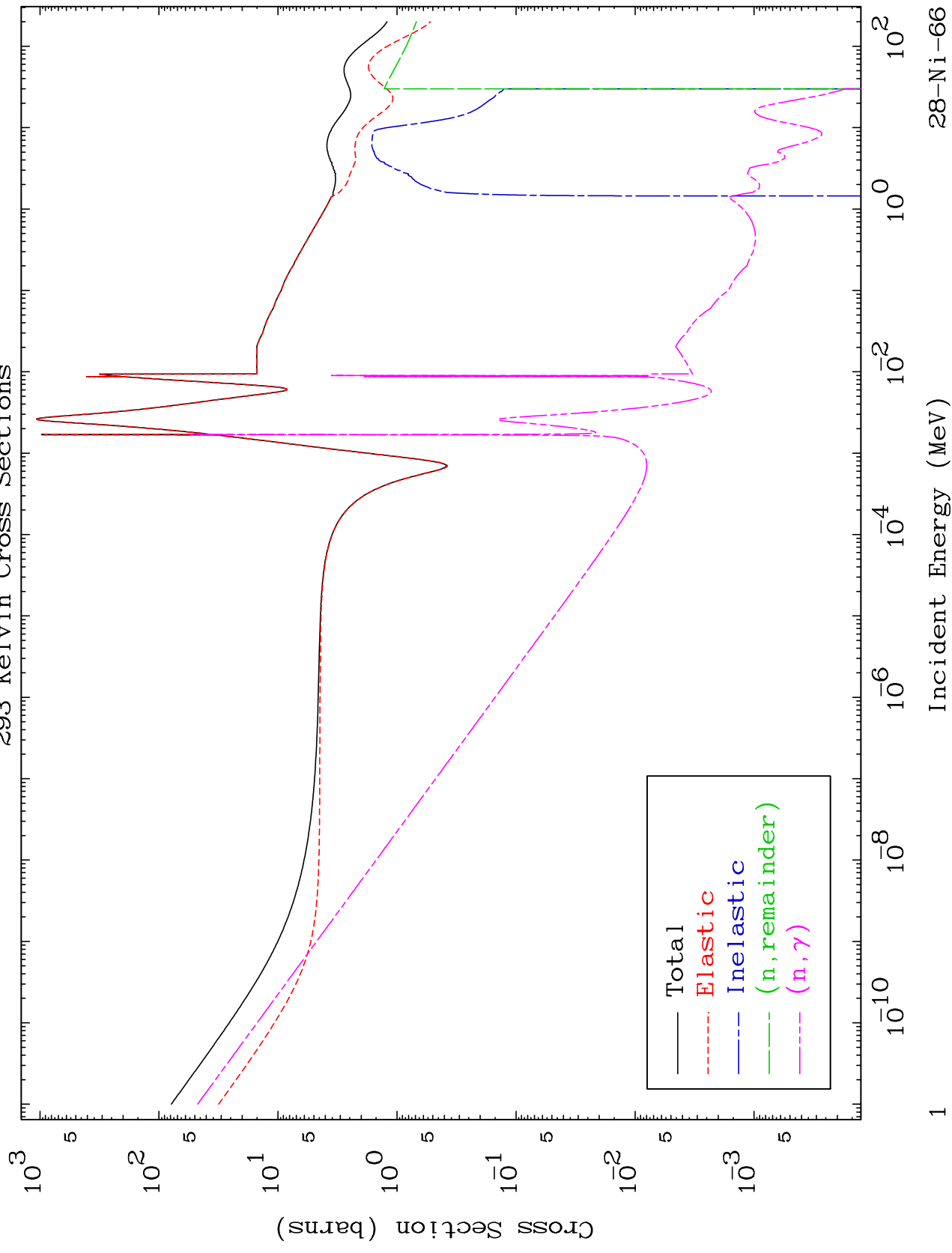
Press Mouse Button to Start

MAT 2849

Major

293 Kelvin Cross Sections

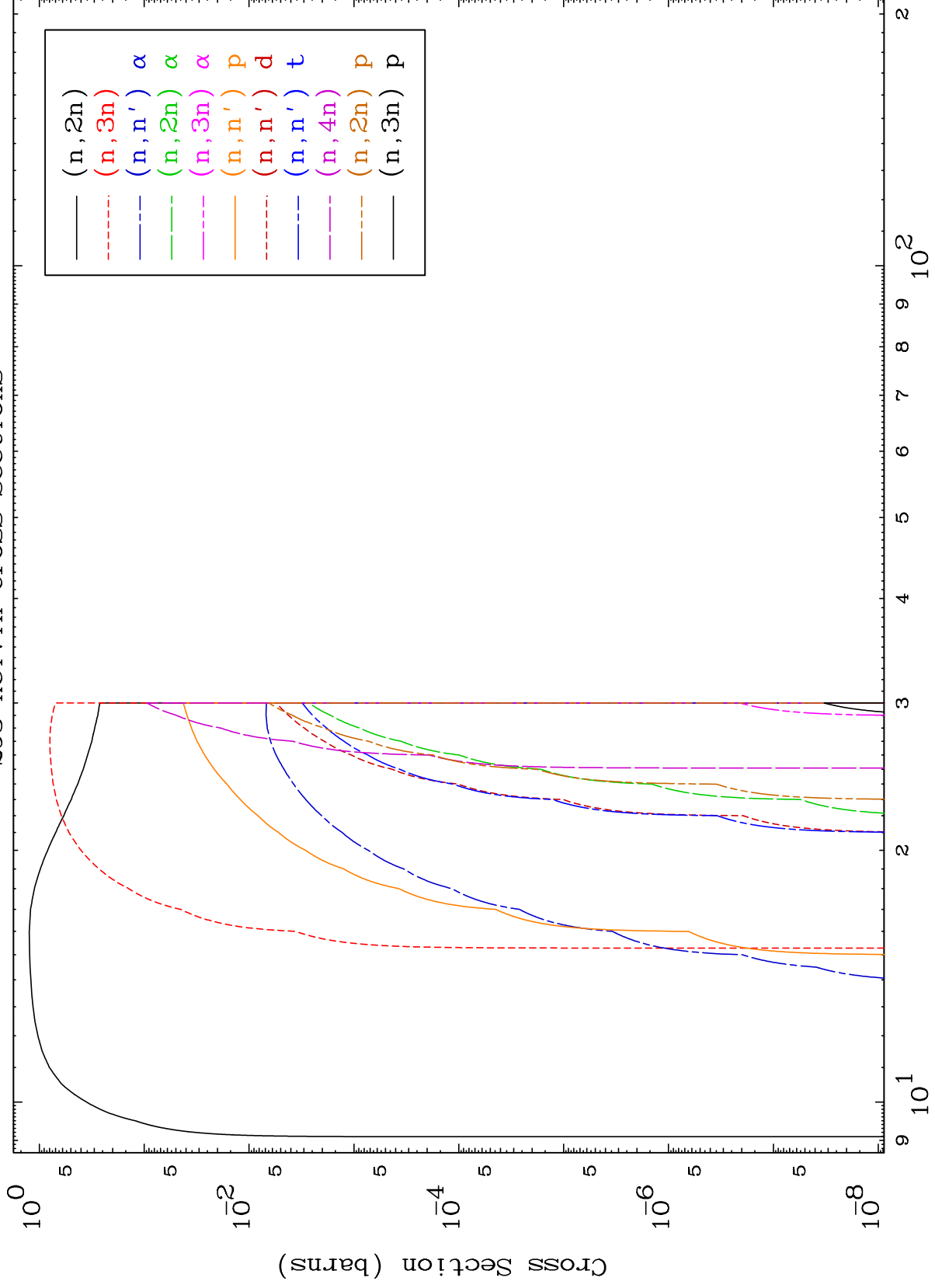
28-Ni-66



MAT 2849

Neutron Production
293 Kelvin Cross Sections

28-Ni-66



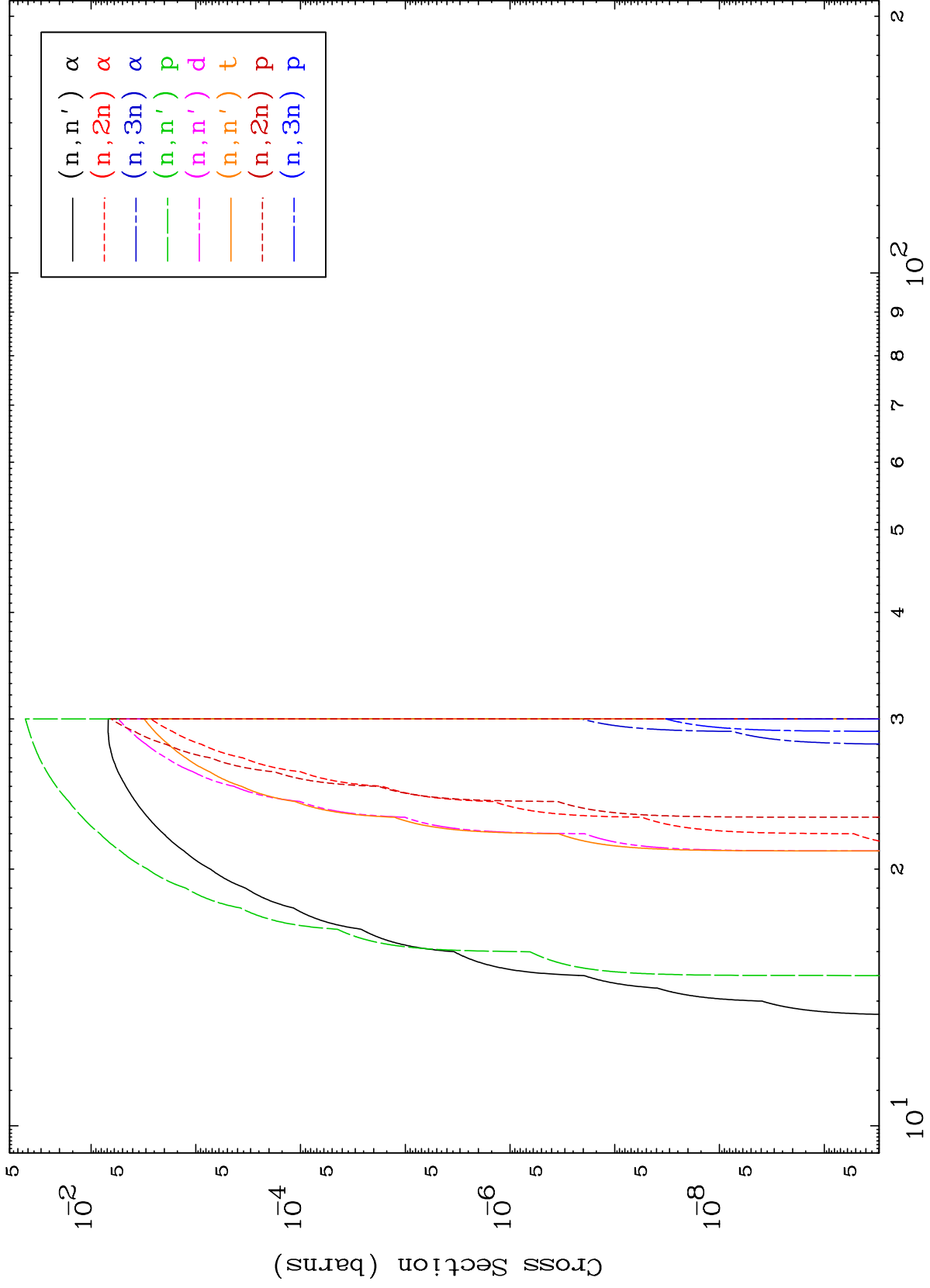
Incident Energy (MeV)

28-Ni-66

MAT 2849

Charged Particle
293 Kelvin Cross Sections

28-Ni-66



28-Ni-66

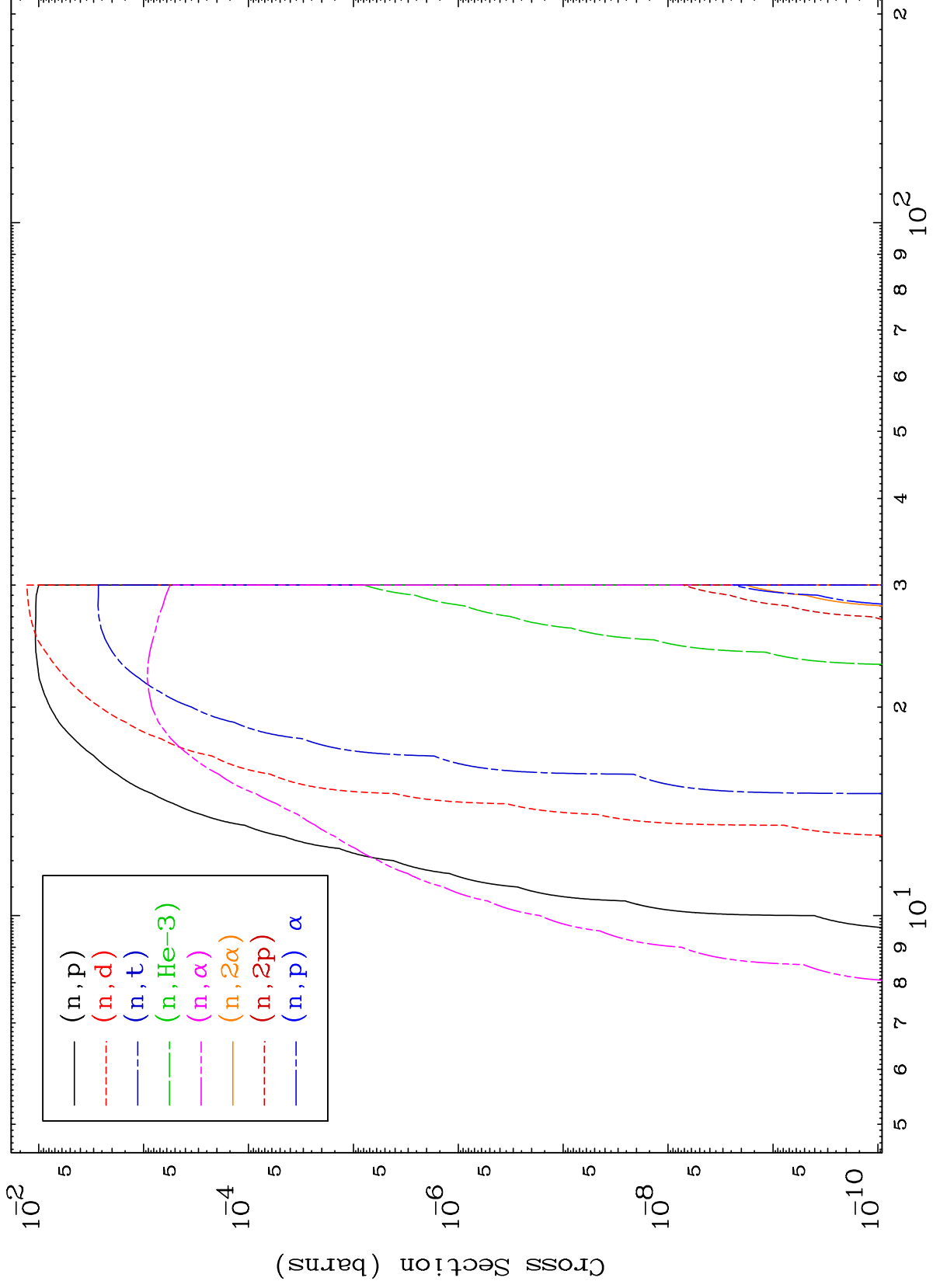
Incident Energy (MeV)

3

MAT 2849

Charged Particle
293 Kelvin Cross Sections

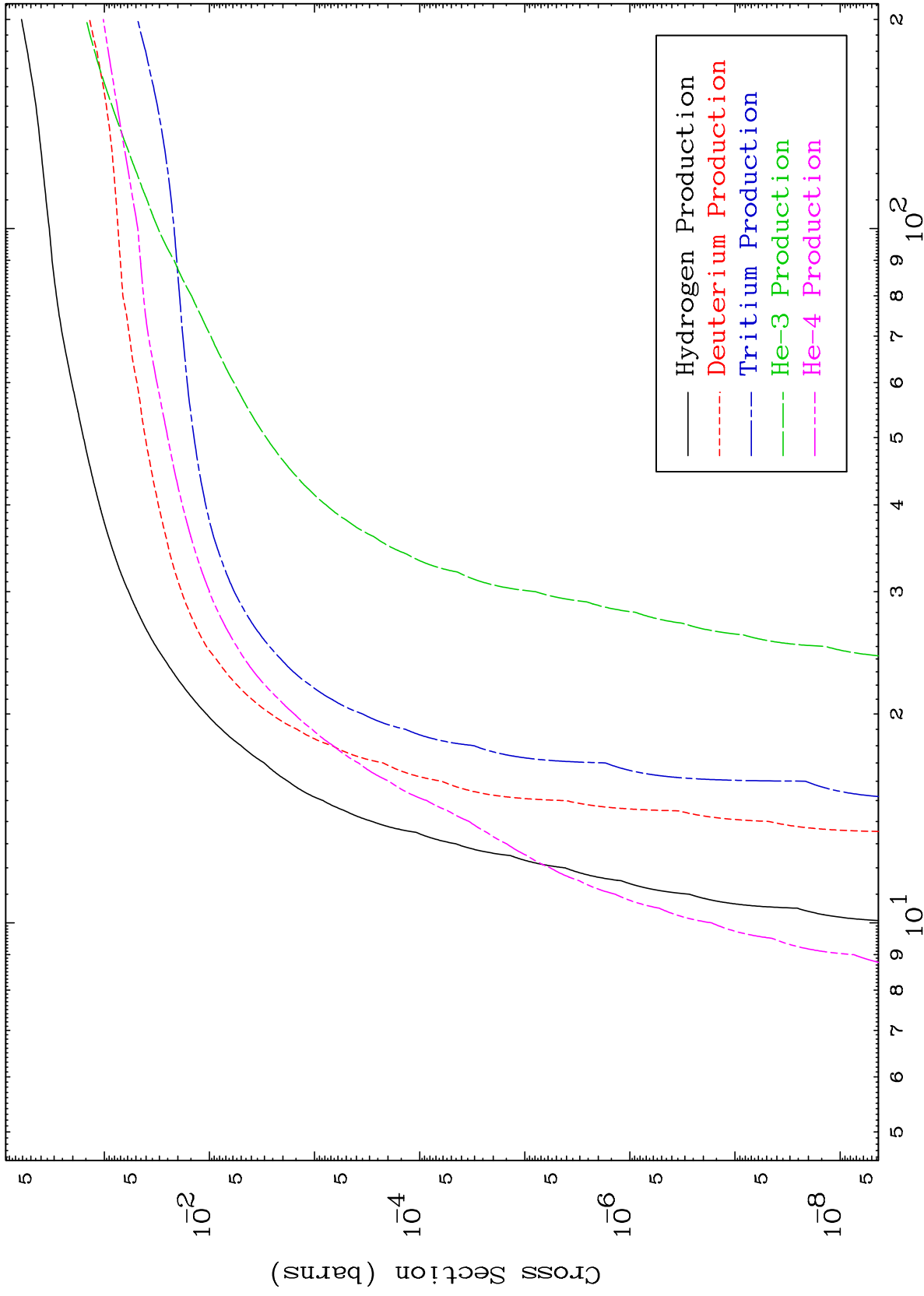
28-Ni-66



4

Incident Energy (MeV)

28-Ni-66

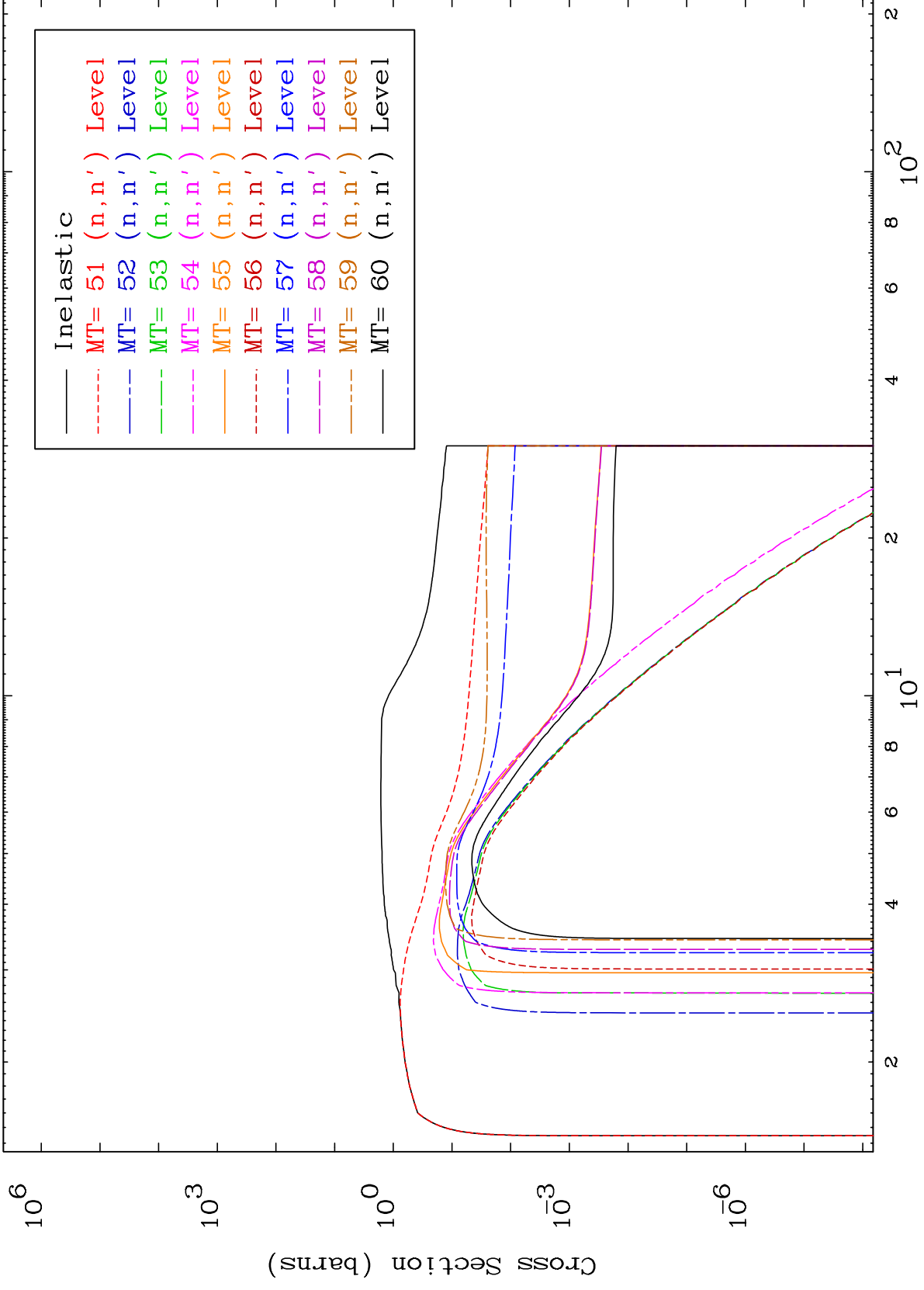


MAT 2849

(n,n') Level

28-Ni-66

293 Kelvin Cross Sections



6

Incident Energy (MeV)

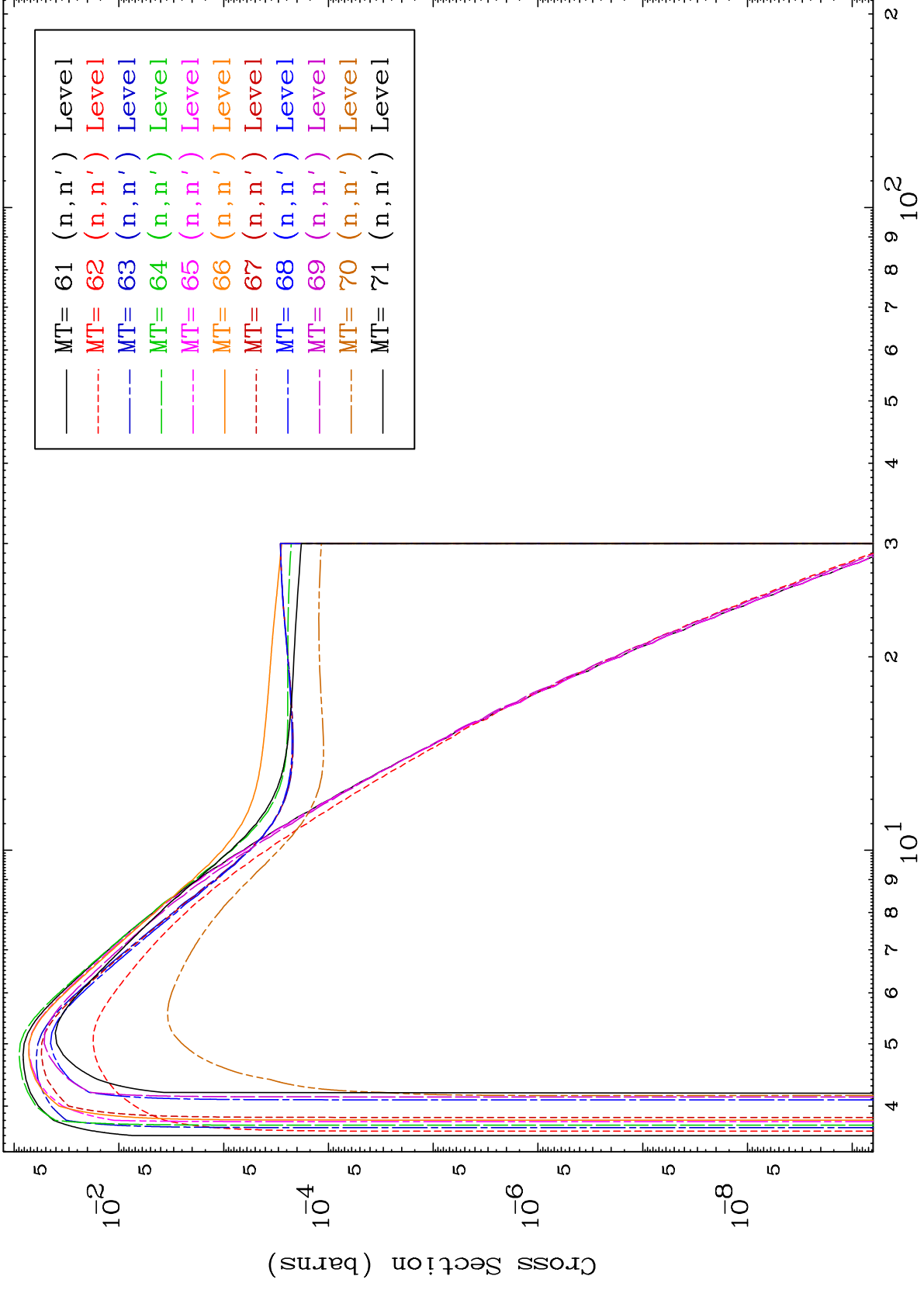
28-Ni-66

MAT 2849

(n,n') Level

28-Ni-66

293 Kelvin Cross Sections



7

Incident Energy (MeV)

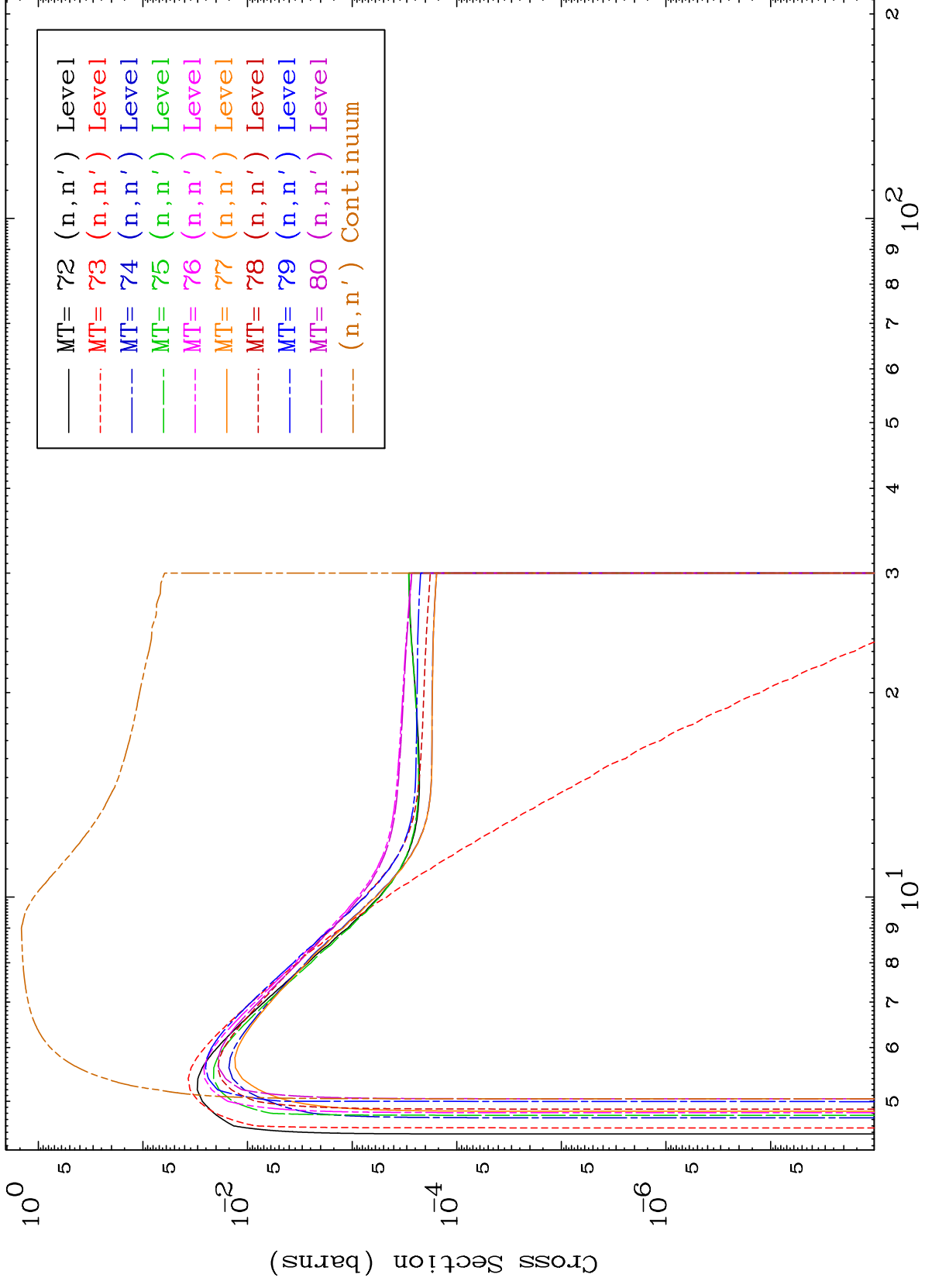
28-Ni-66

MAT 2849

(n,n') Level

28-Ni-66

293 Kelvin Cross Sections



8

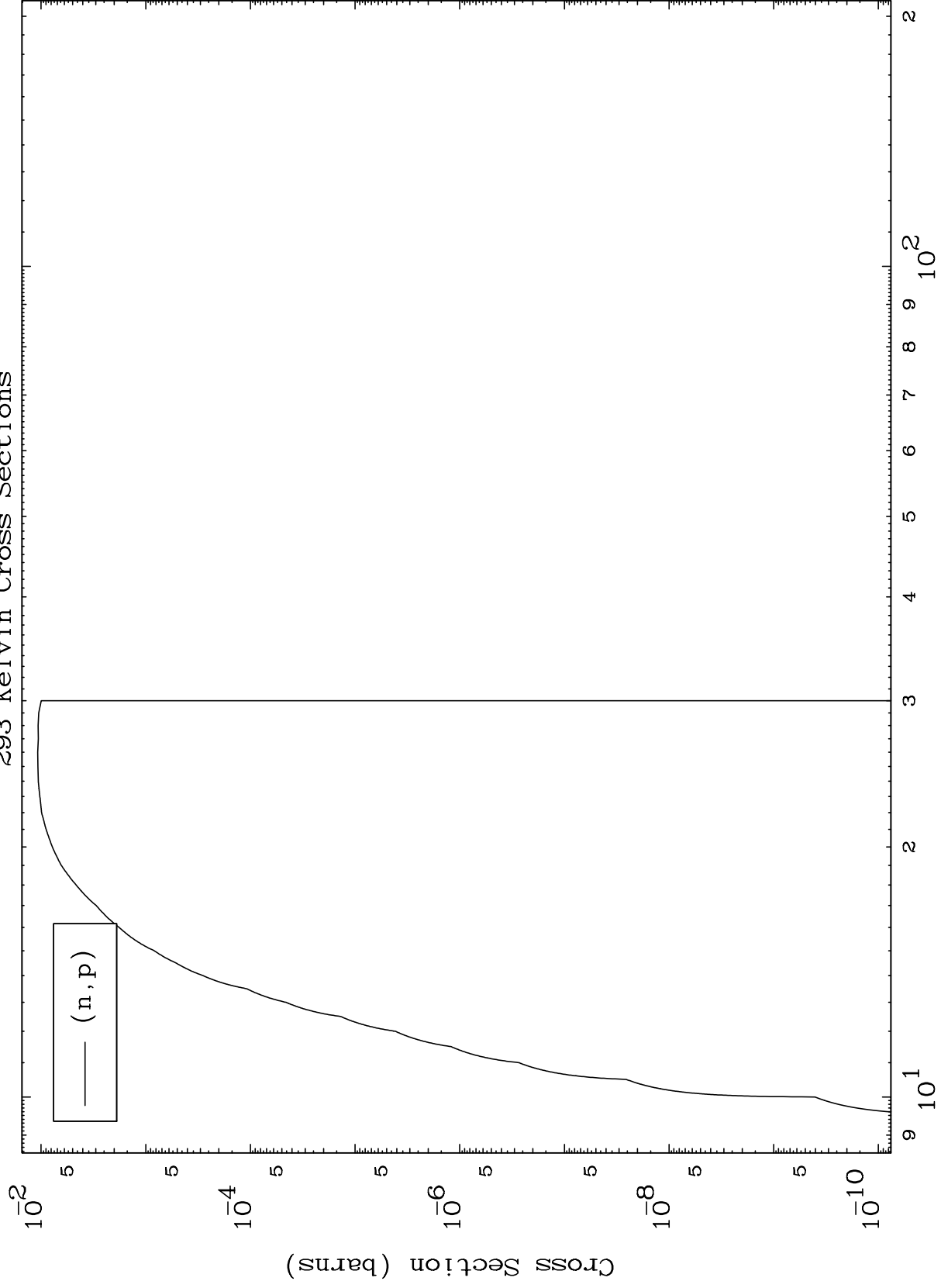
Incident Energy (MeV)

28-Ni-66

MAT 2849

(n,p) Levels
293 Kelvin Cross Sections

28-Ni-66



9

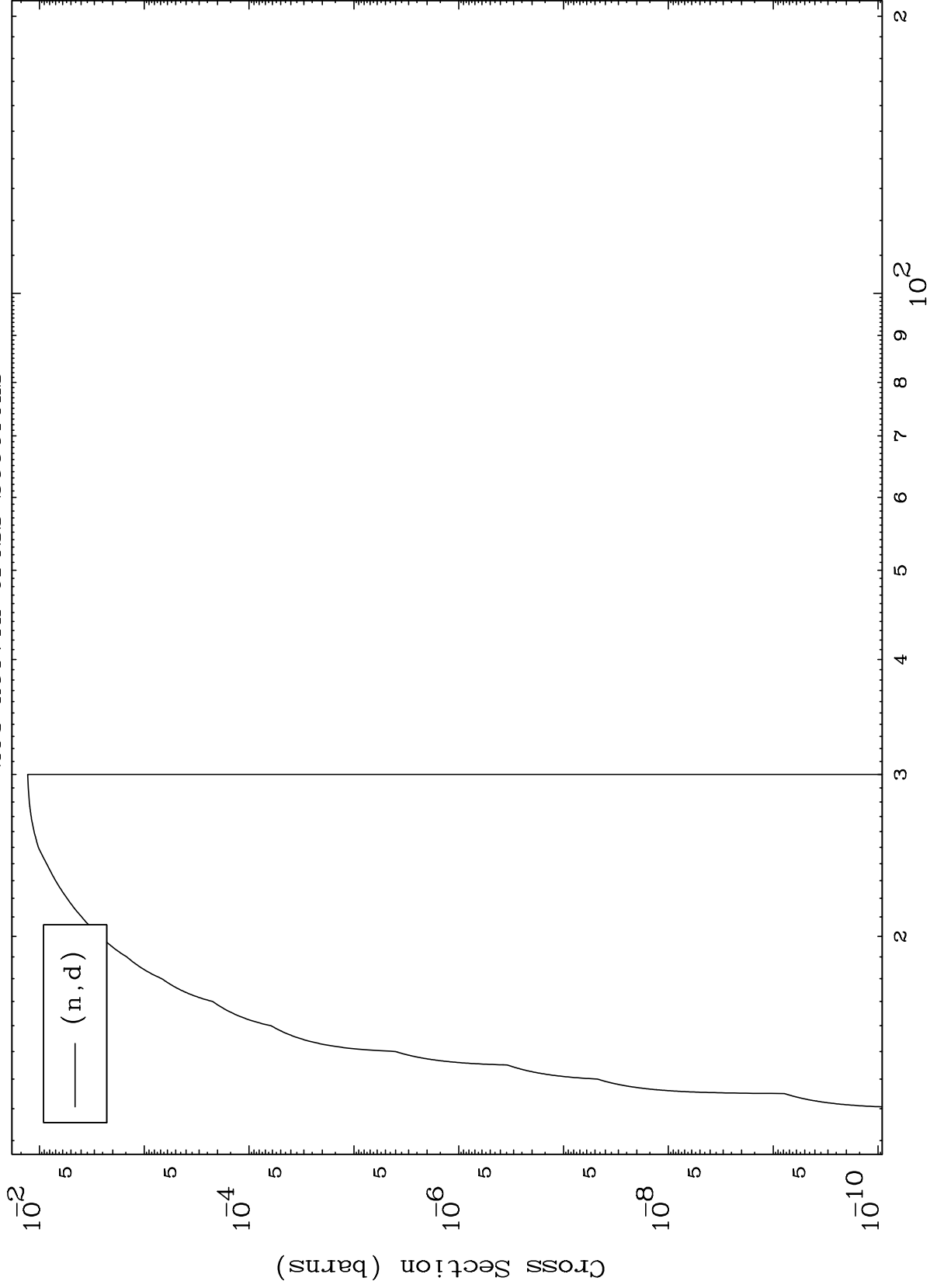
Incident Energy (MeV)

28-Ni-66

MAT 2849

(n,d) Levels
293 Kelvin Cross Sections

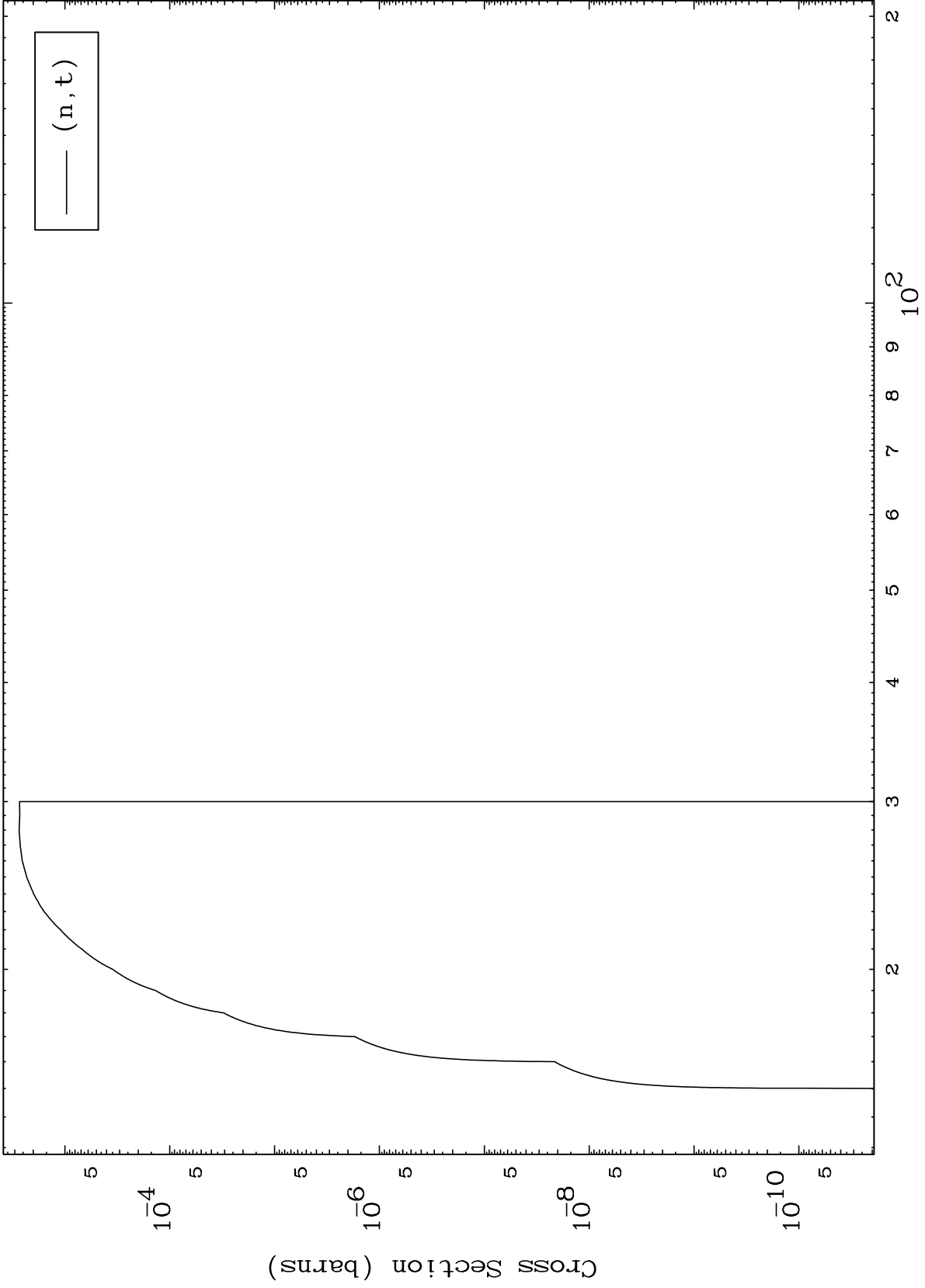
28-Ni-66



10

Incident Energy (MeV)

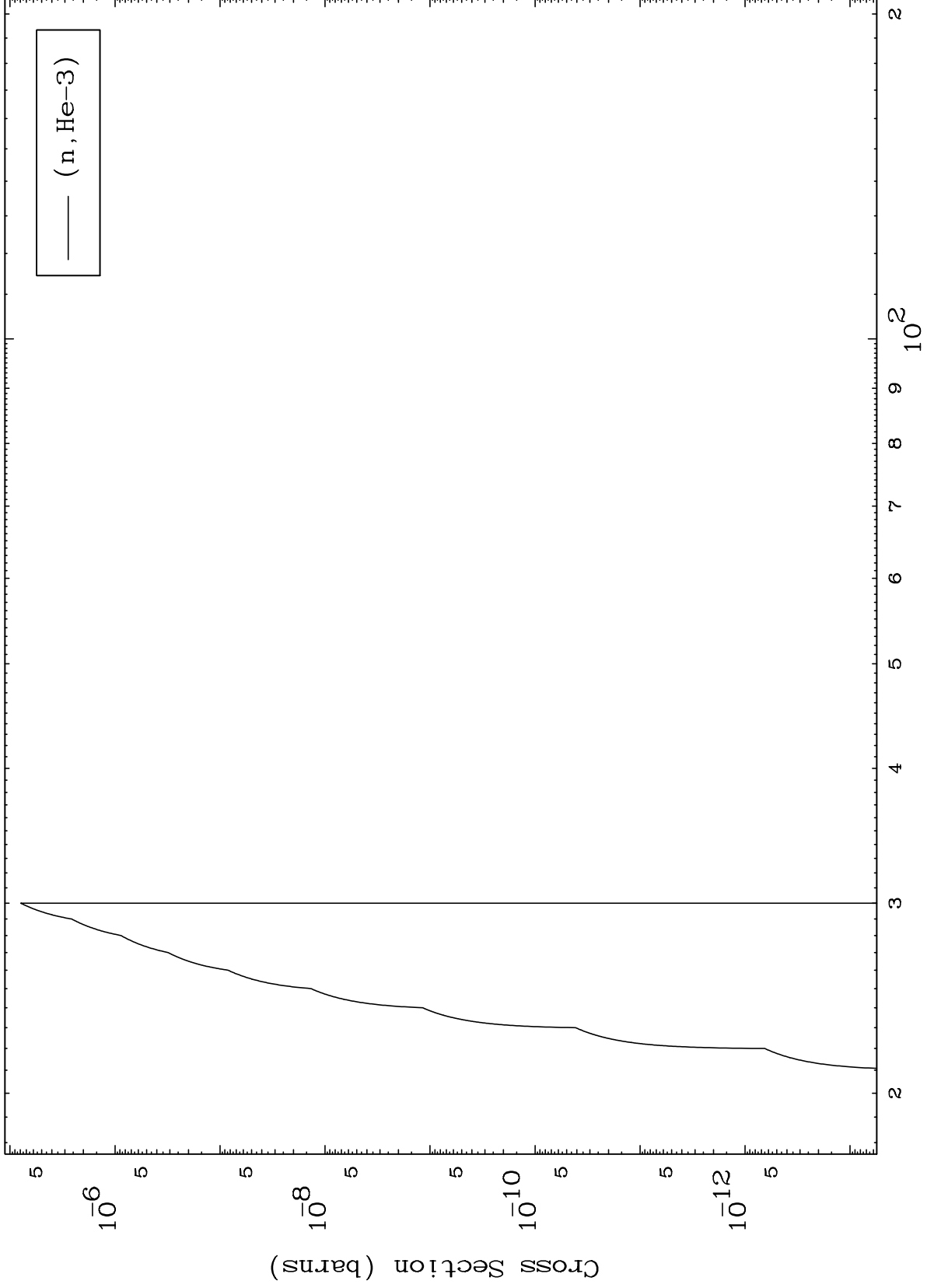
28-Ni-66



MAT 2849

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-66



12

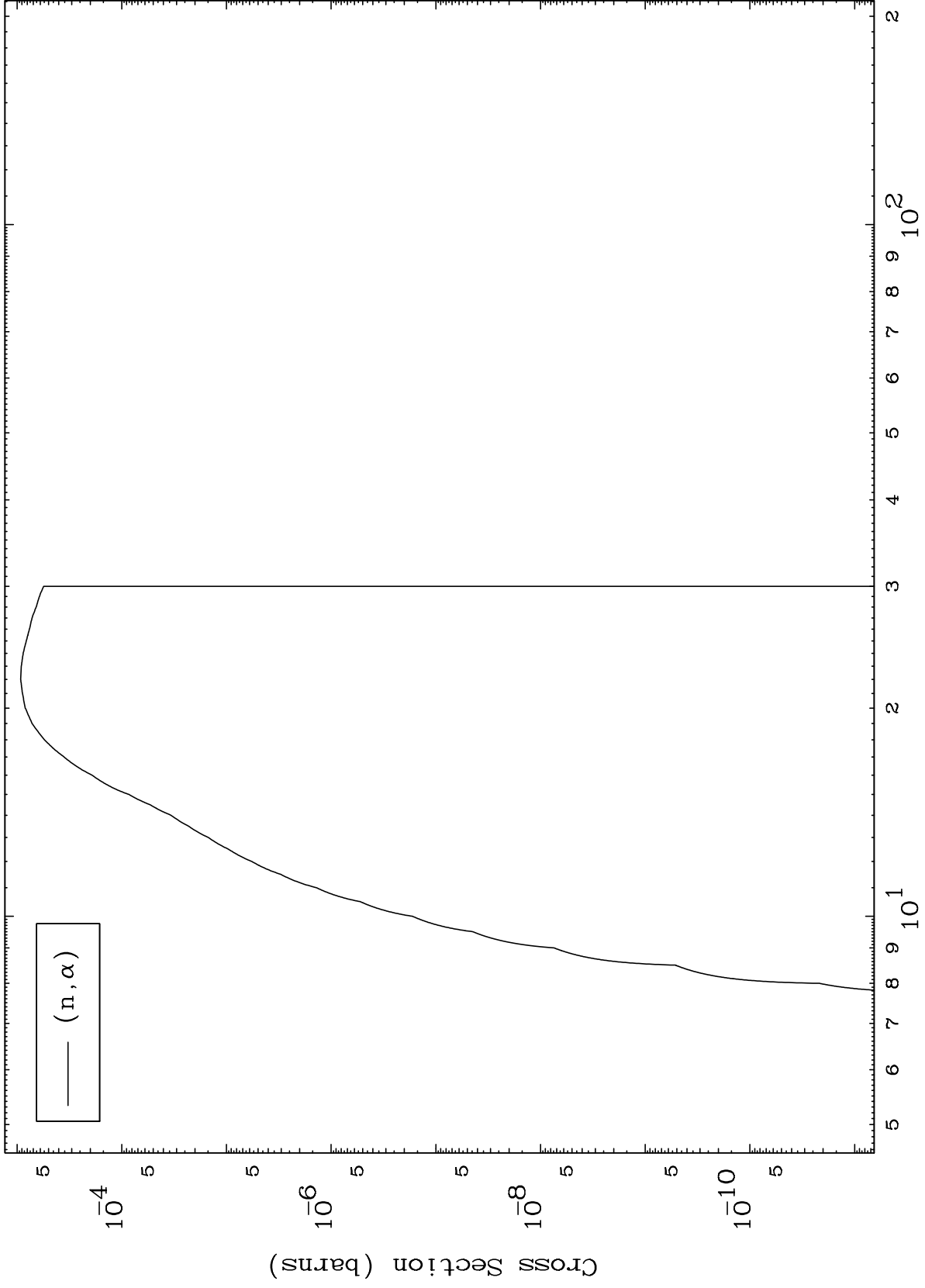
Incident Energy (MeV)

28-Ni-66

MAT 2849

(n, α) Levels
293 Kelvin Cross Sections

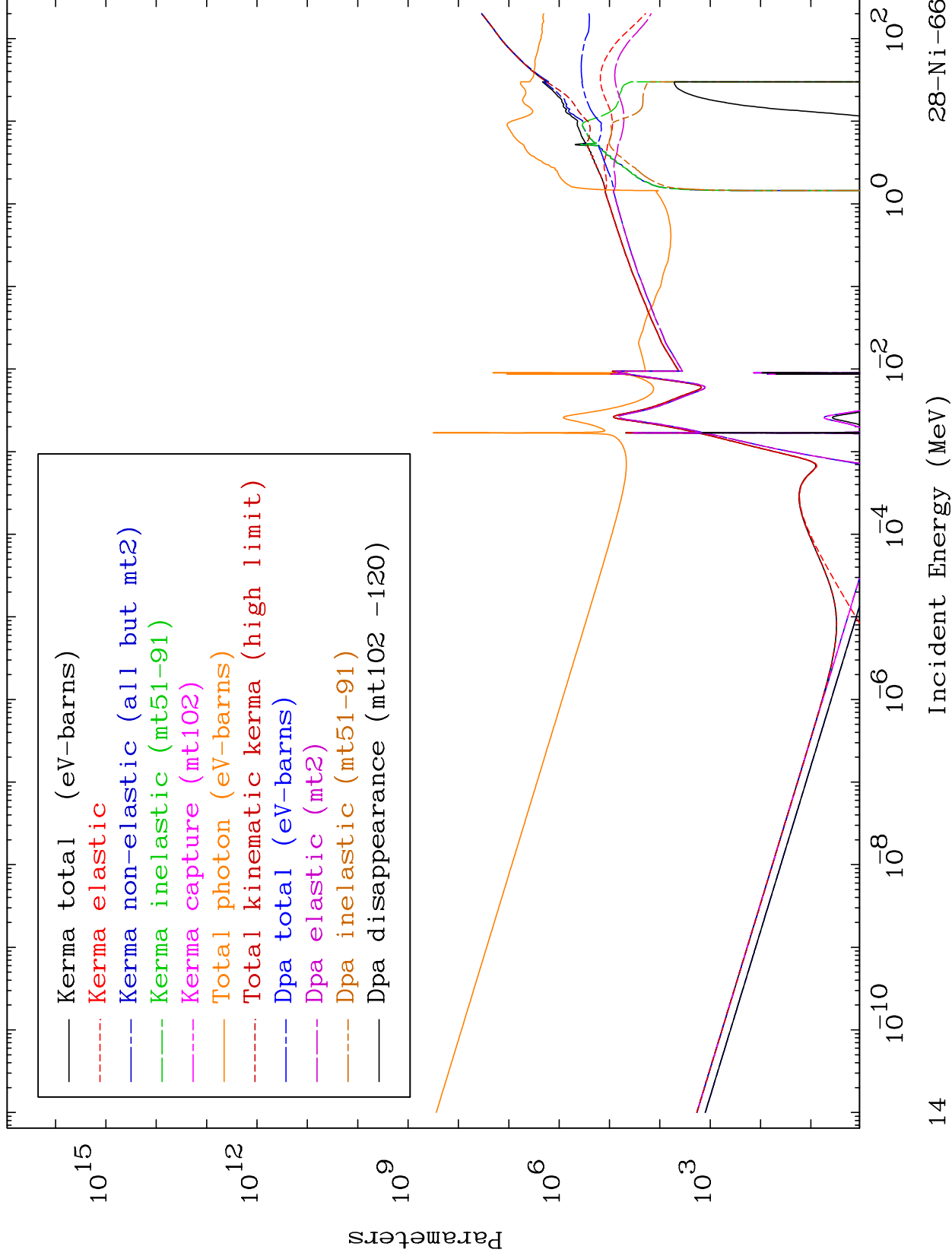
28-Ni-66



13

Incident Energy (MeV)

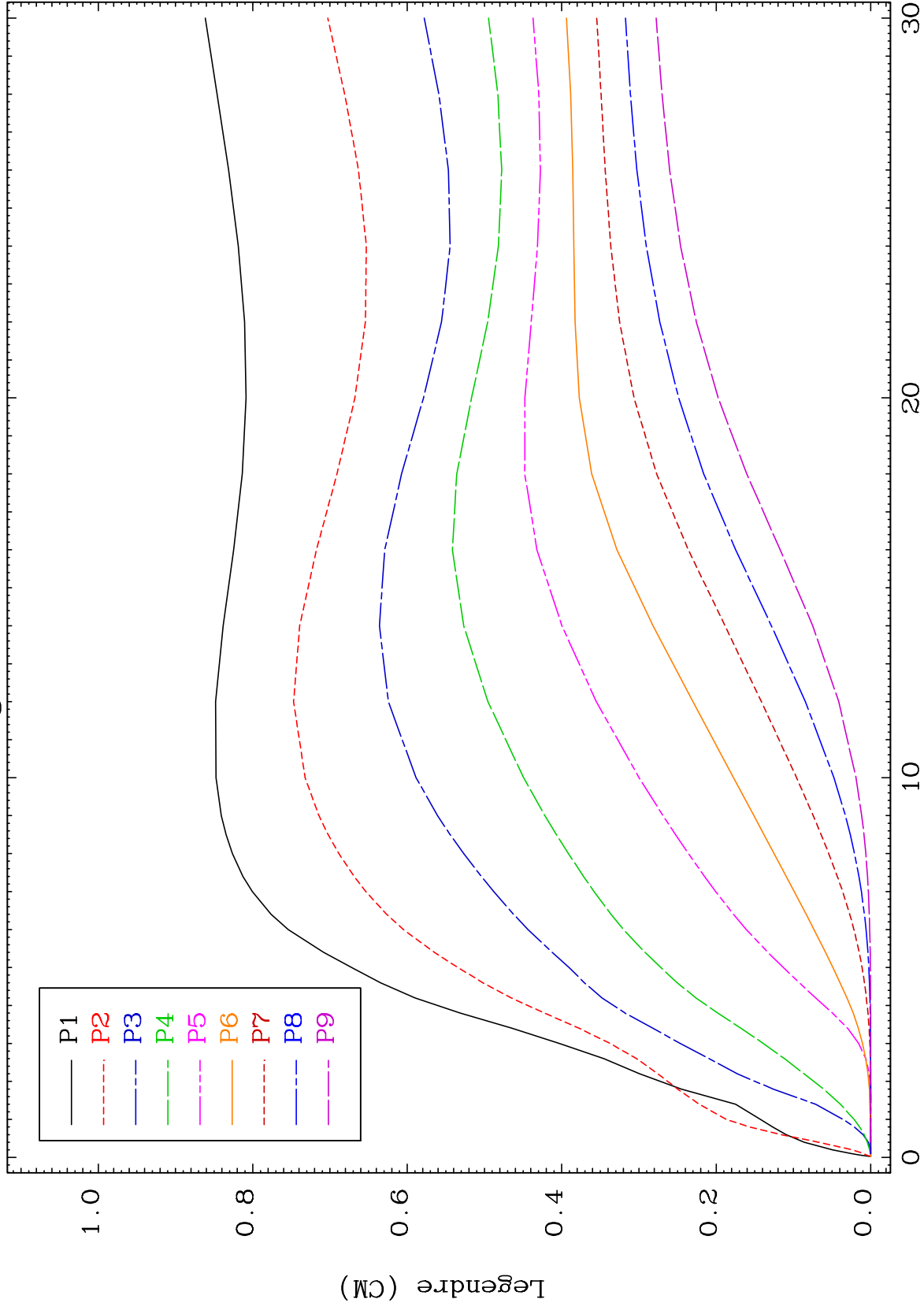
28-Ni-66



MAT 2849

Elastic Legendre Coefficients

28-Ni-66



15

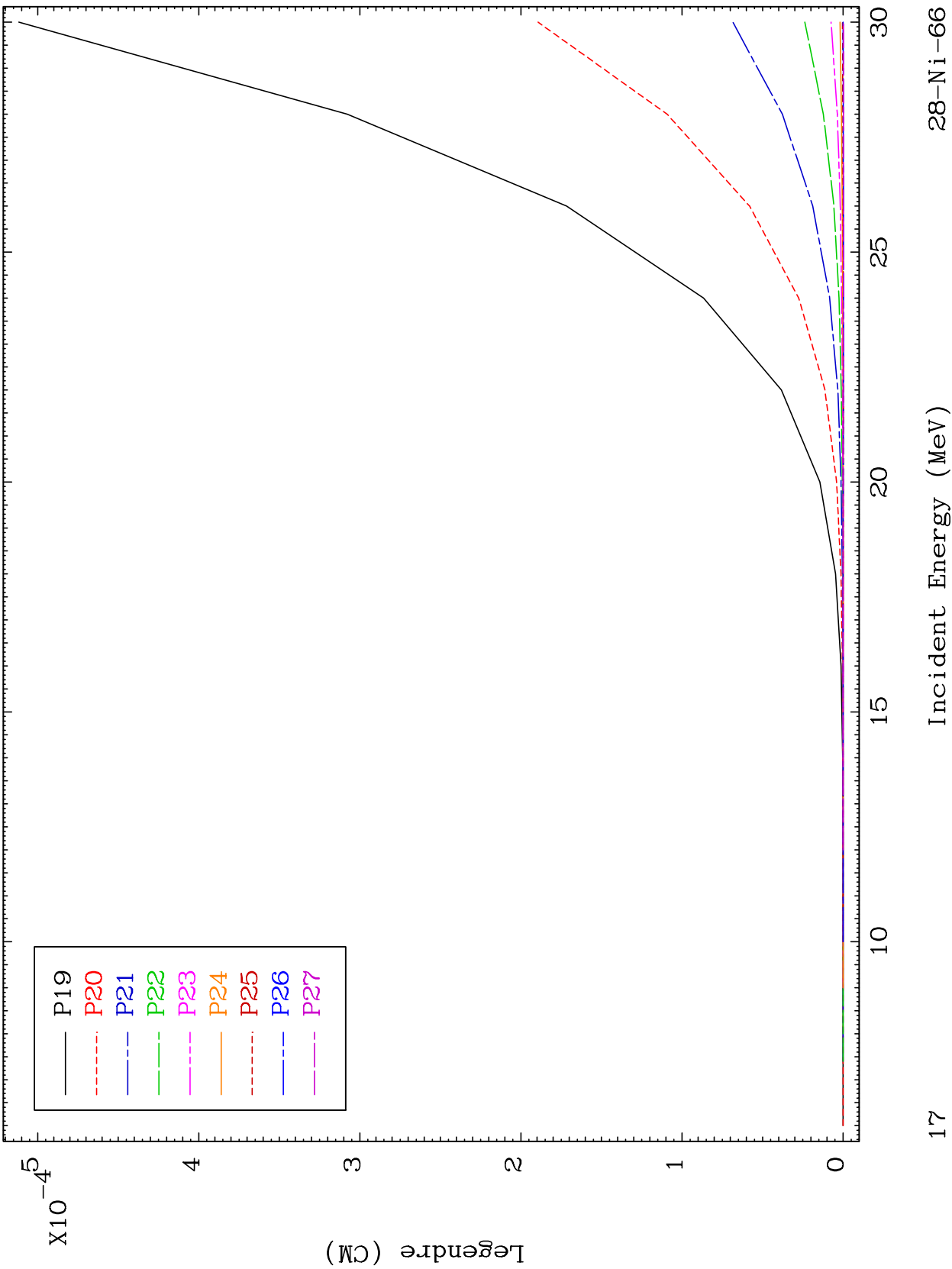
Incident Energy (MeV)

28-Ni-66

MAT 2849

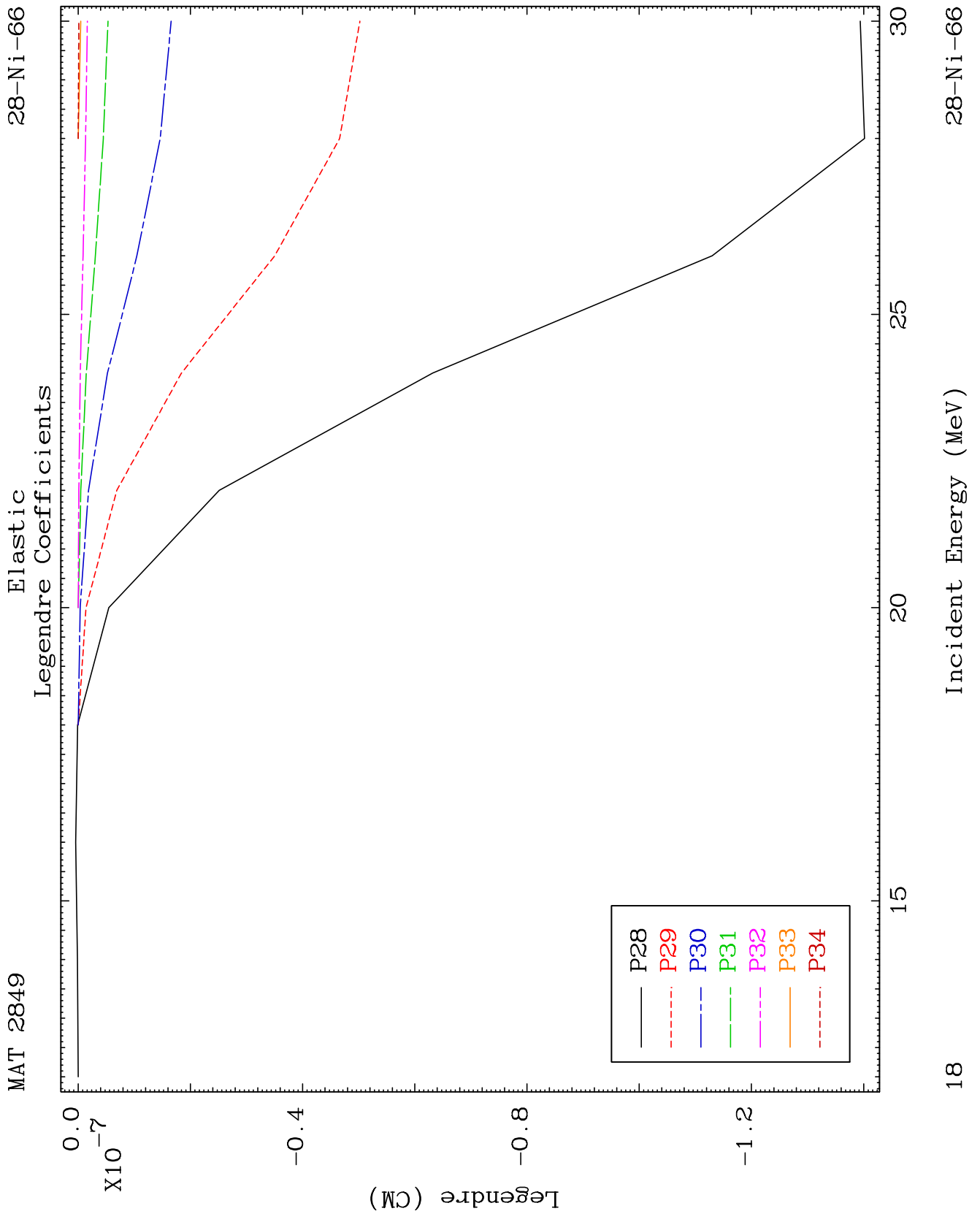
Elastic Legendre Coefficients

28-Ni-66



17

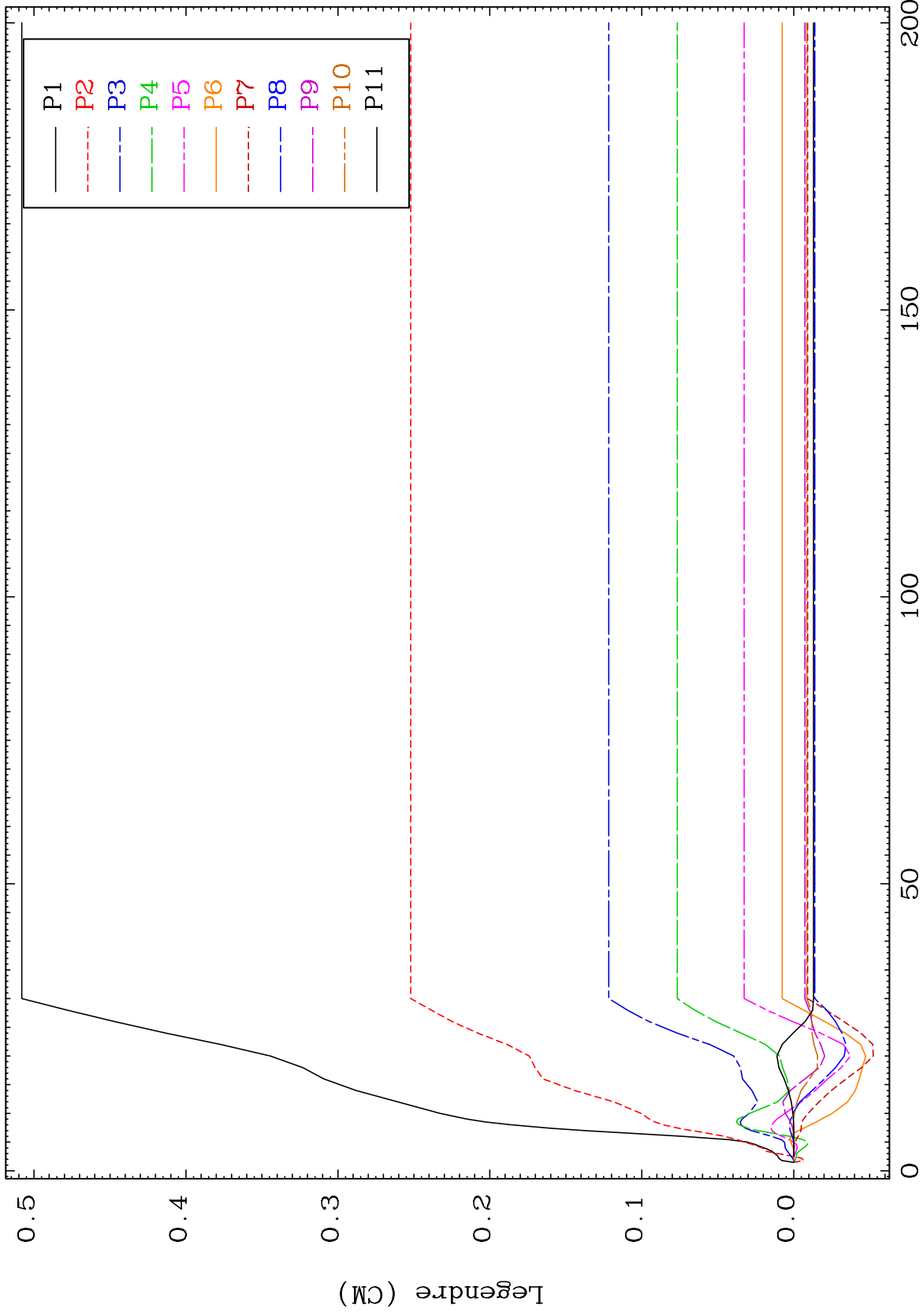
28-Ni-66



MAT 2849

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

28-Ni-66



19

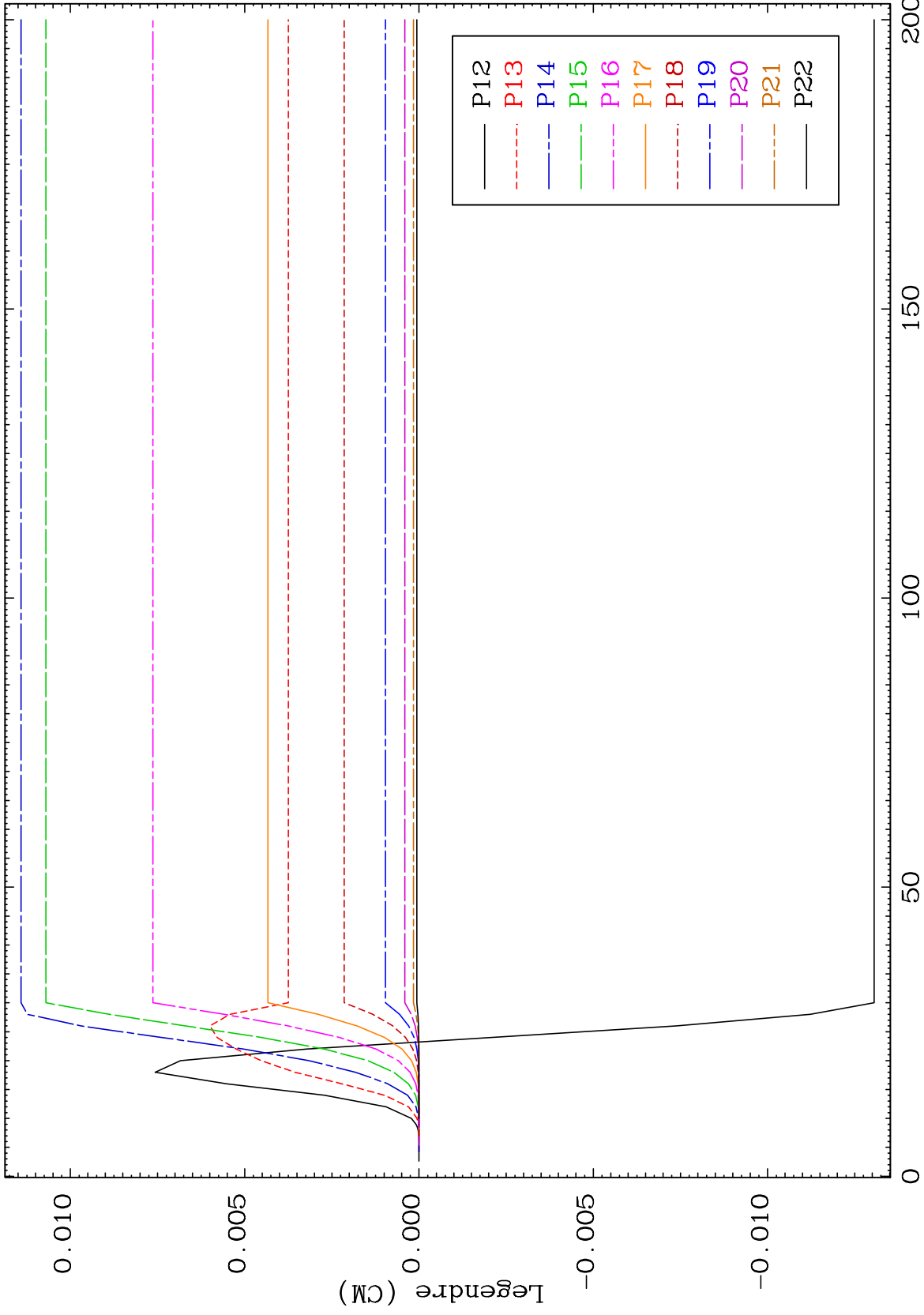
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



20

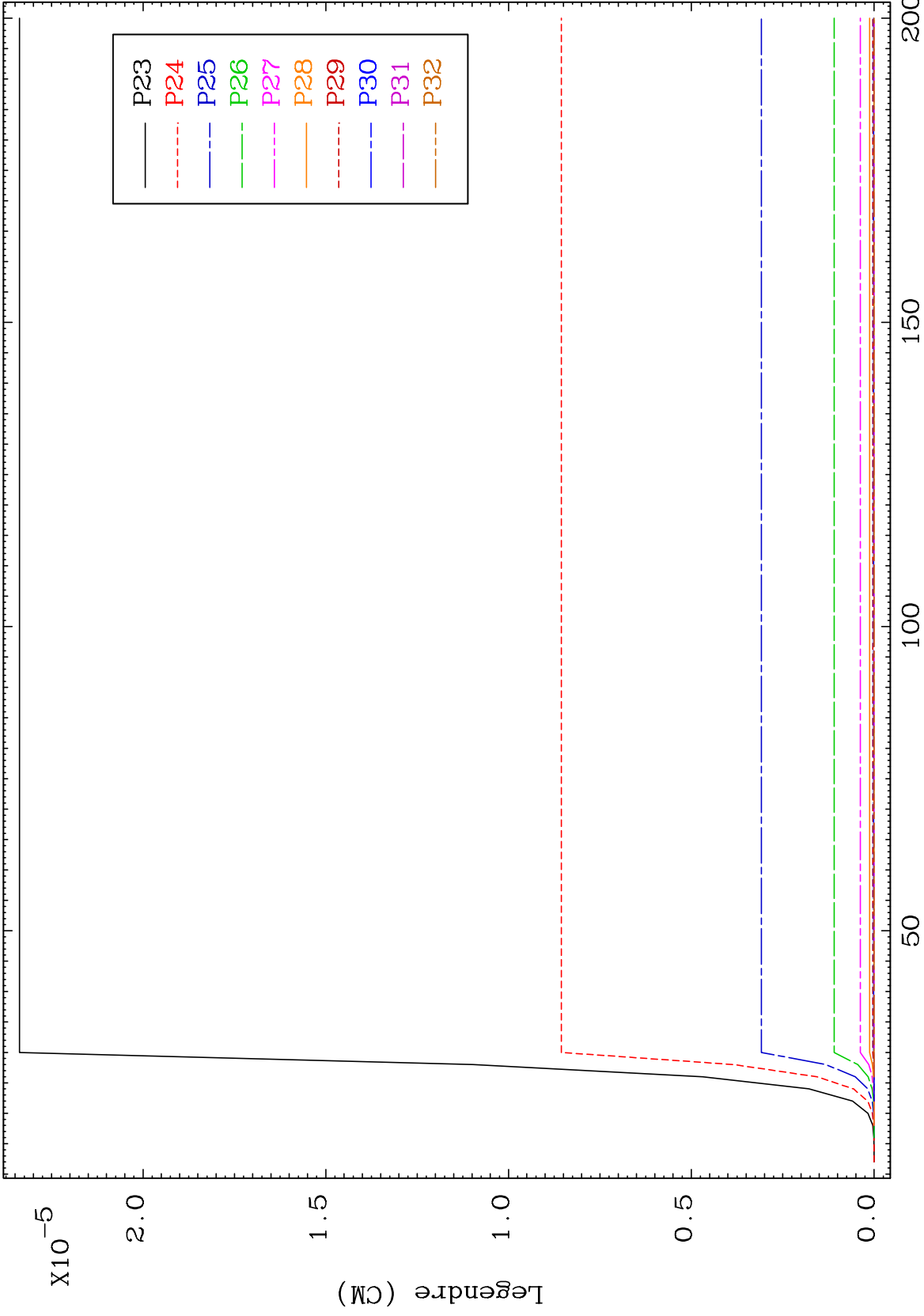
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

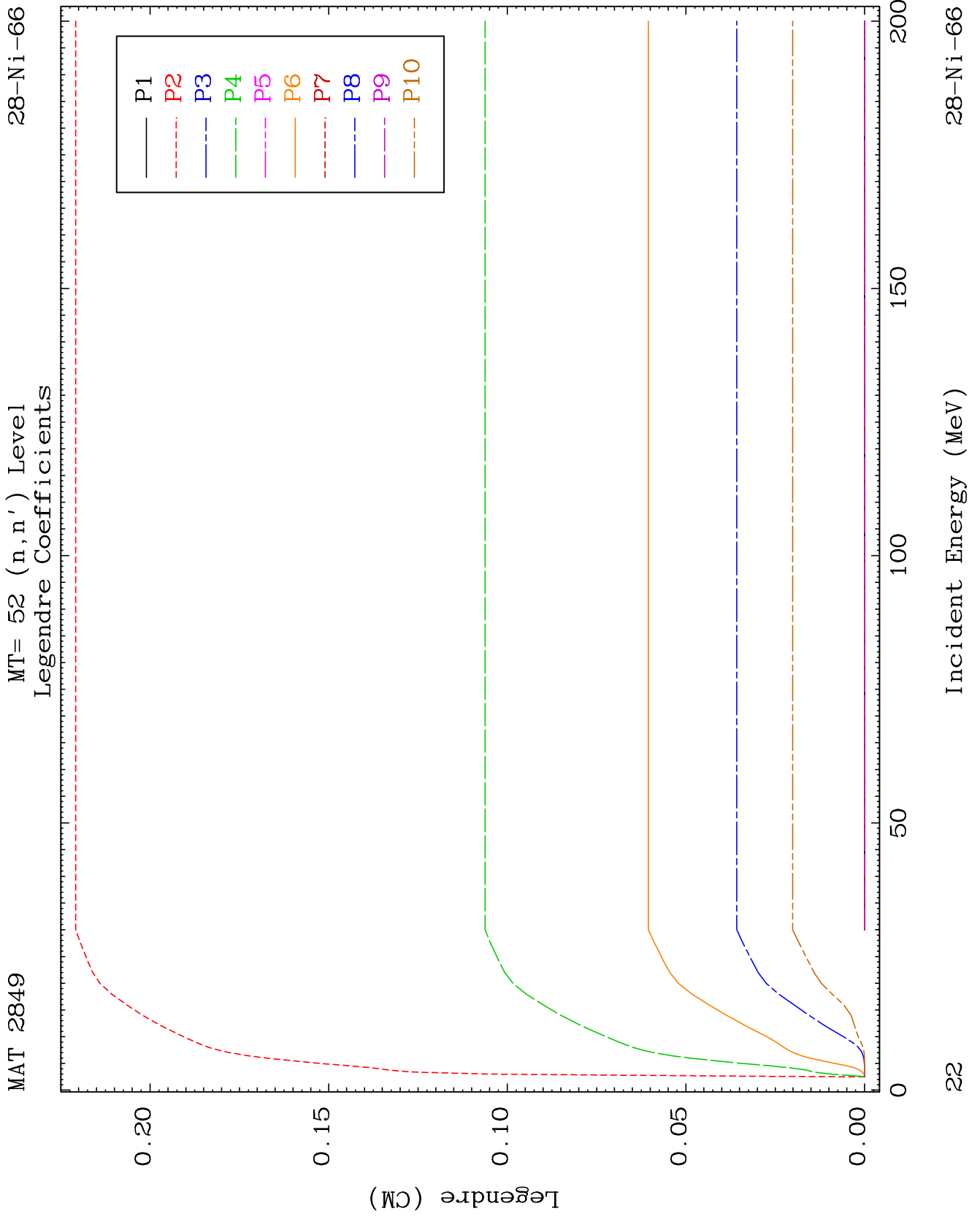
28-Ni-66



21

Incident Energy (MeV)

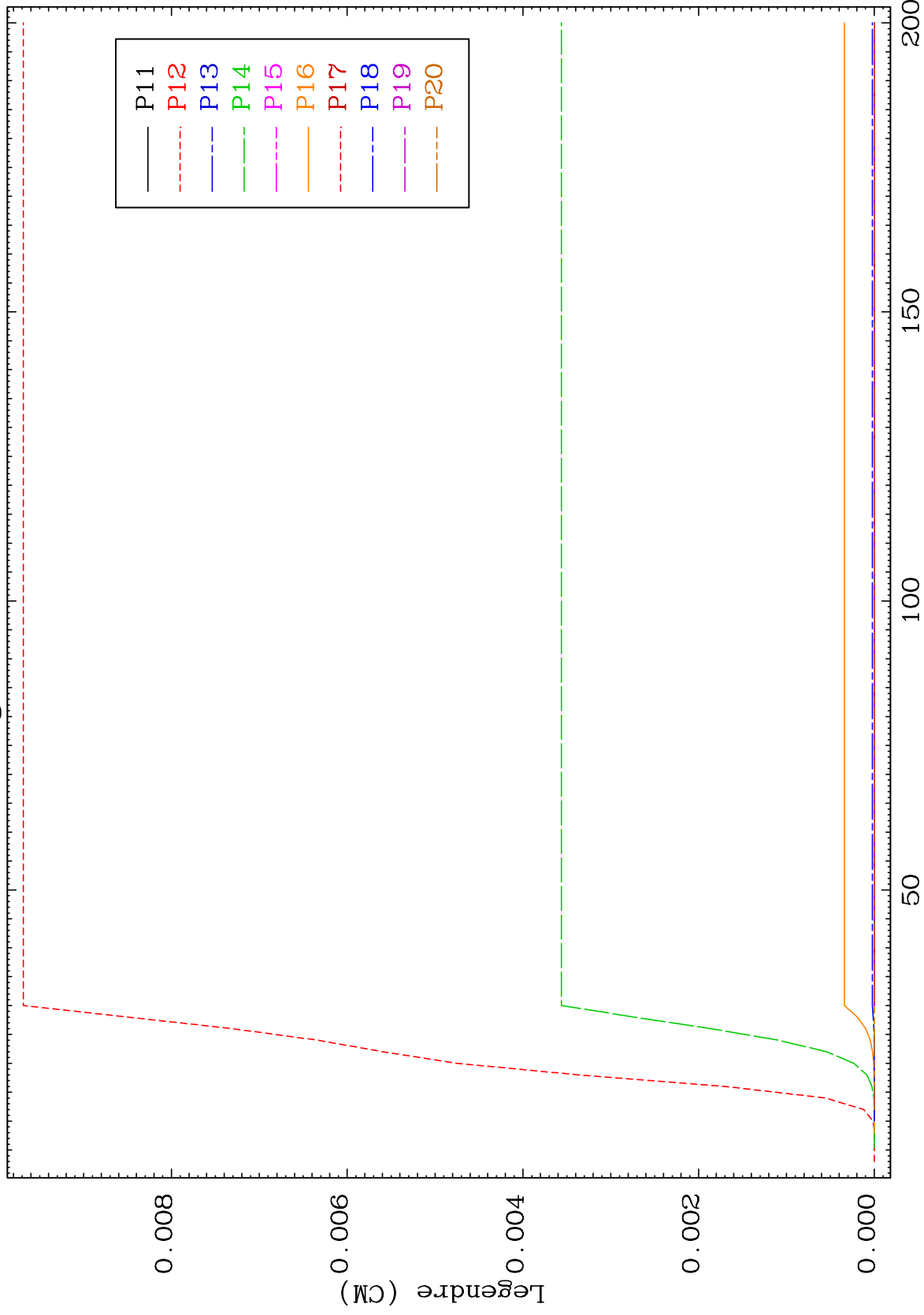
28-Ni-66



MAT 2849

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

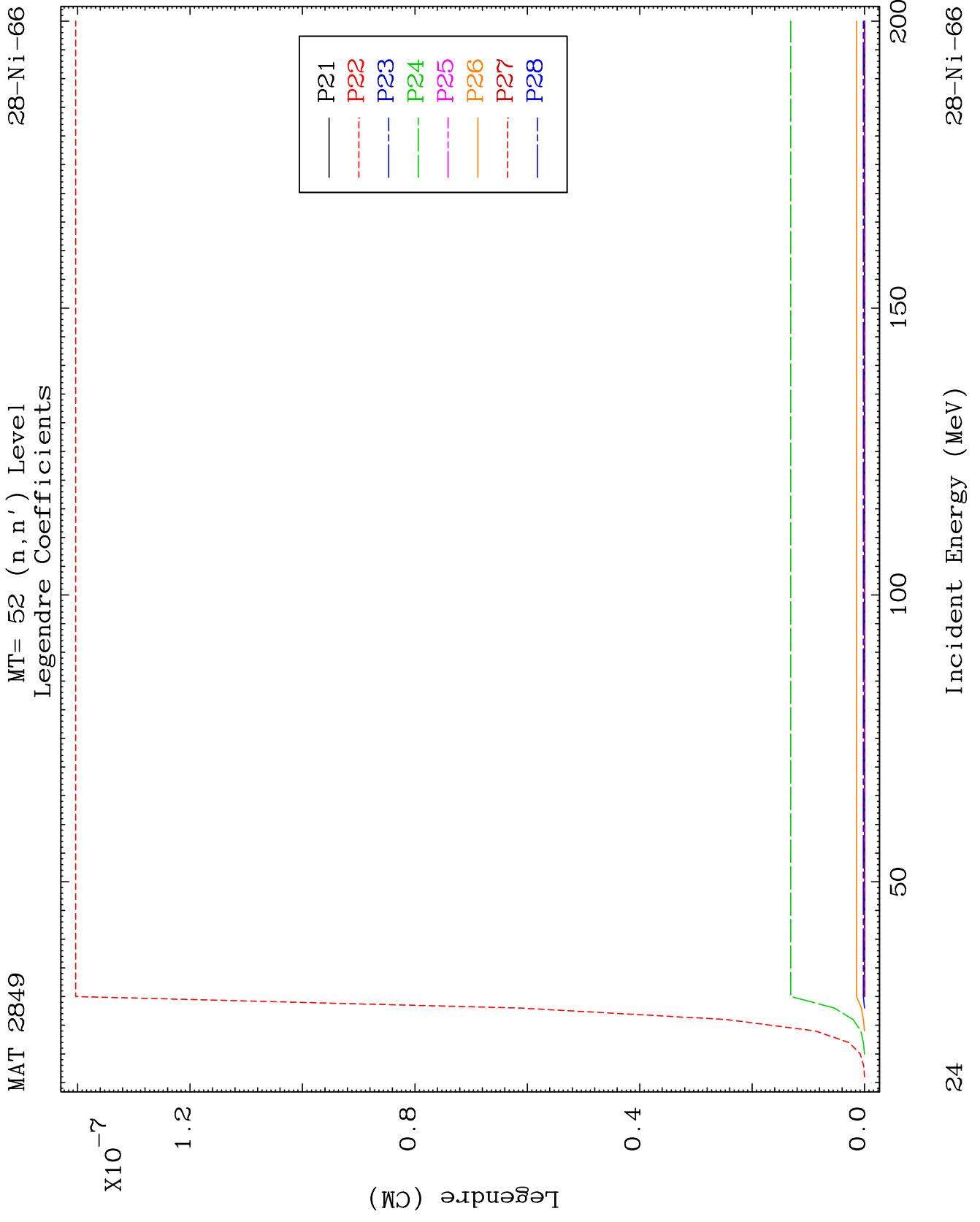
28-Ni-66

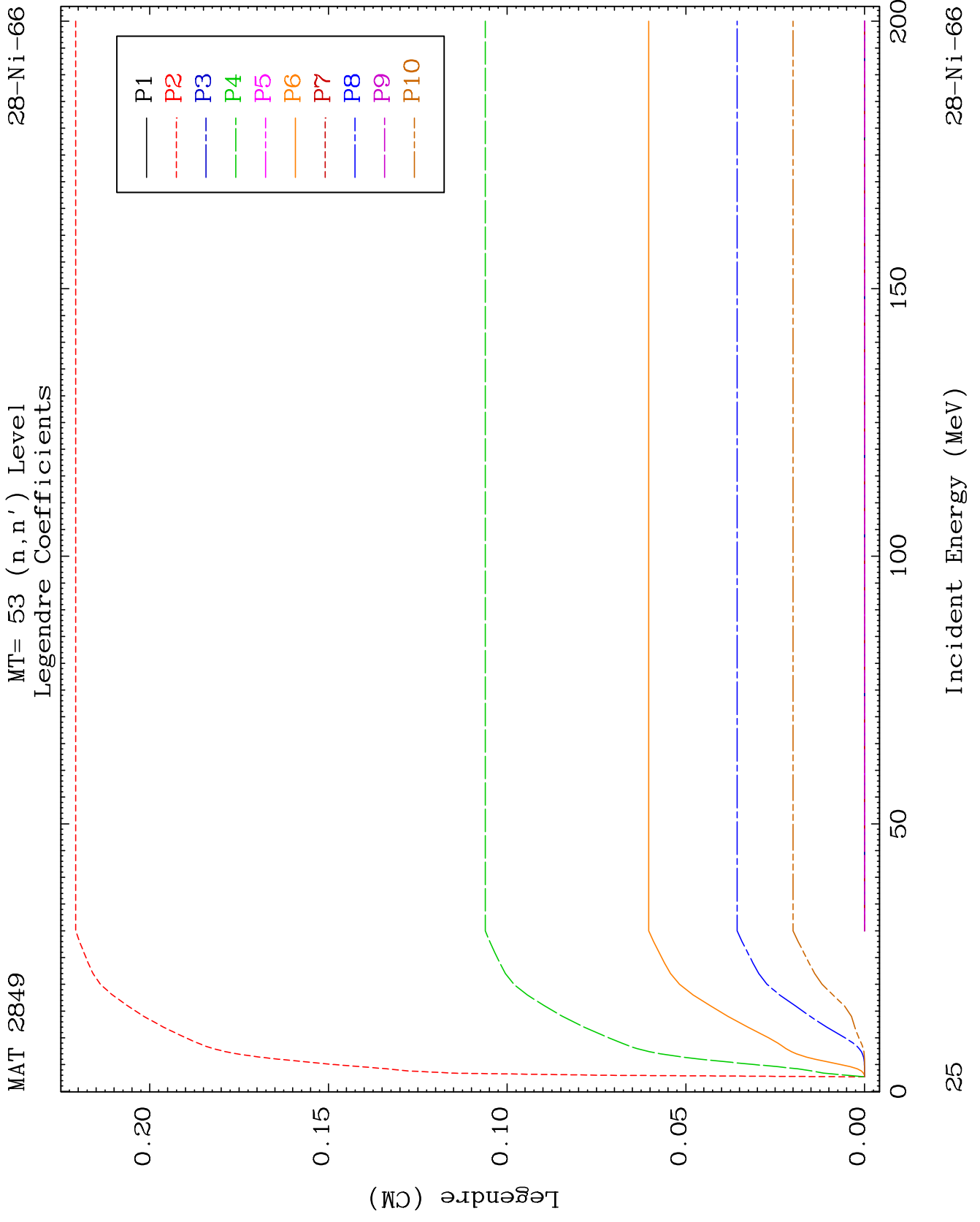


23

Incident Energy (MeV)

28-Ni-66

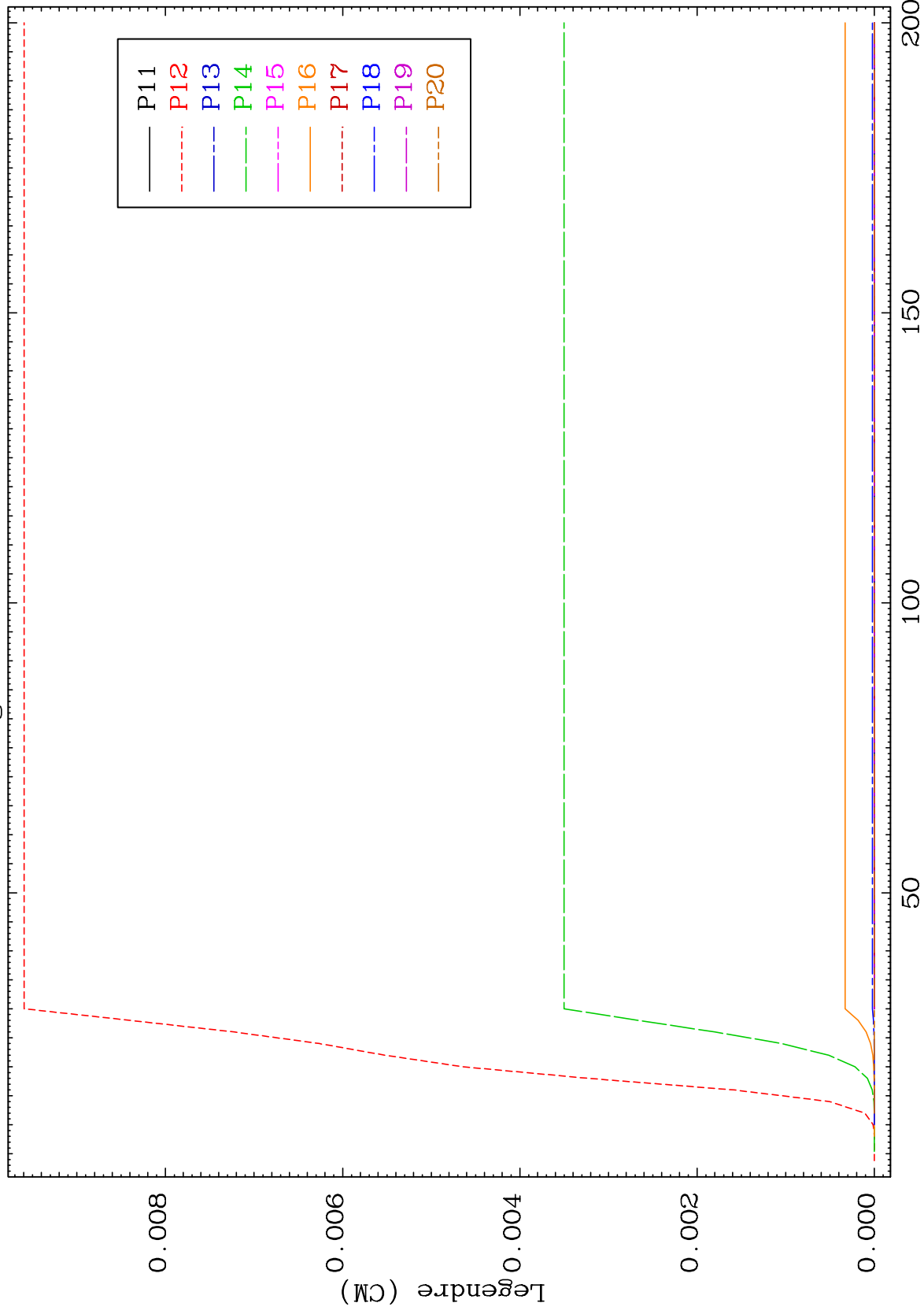




MAT 2849

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

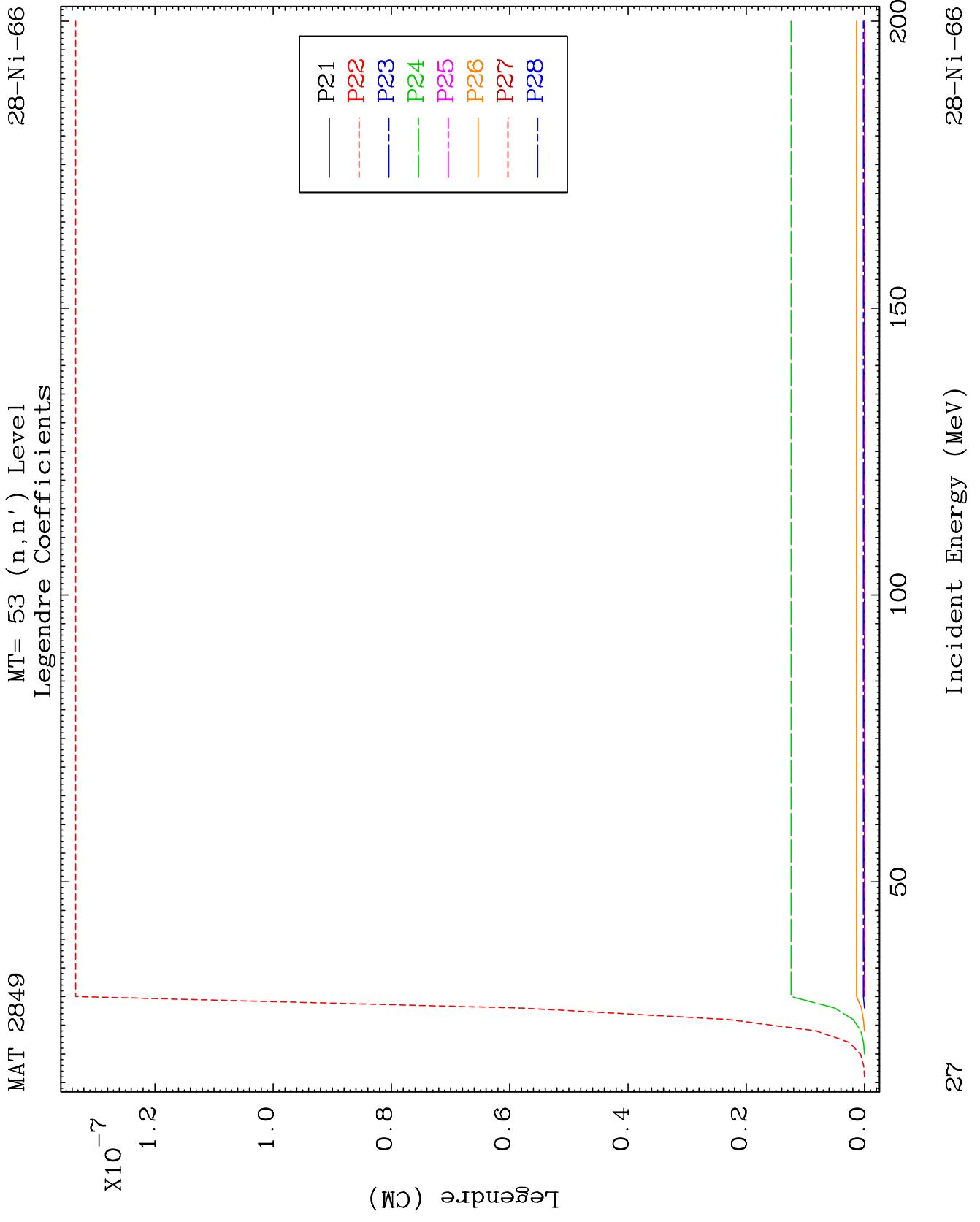
28-Ni-66



26

Incident Energy (MeV)

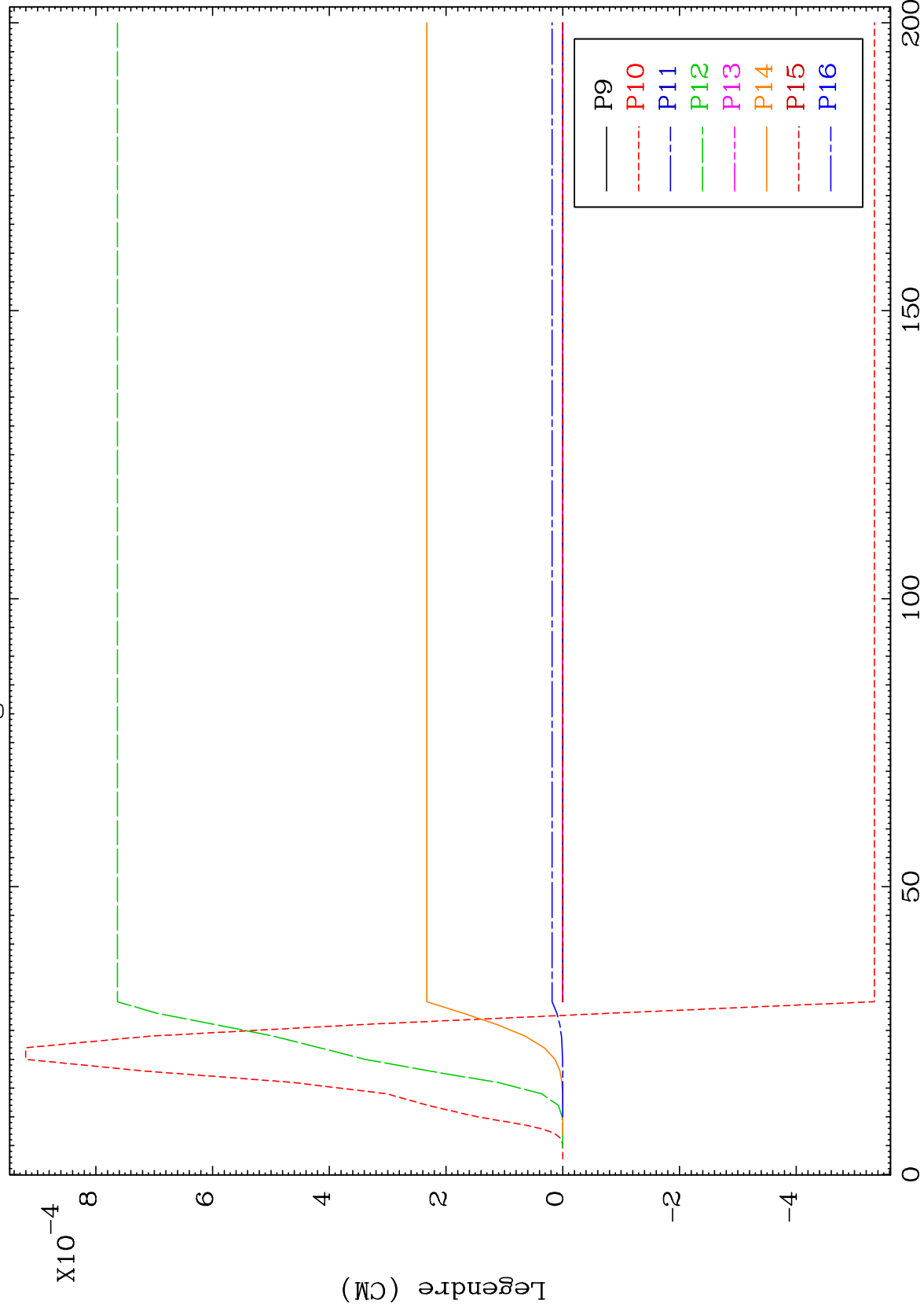
28-Ni-66



MAT 2849

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

28-Ni-66



29

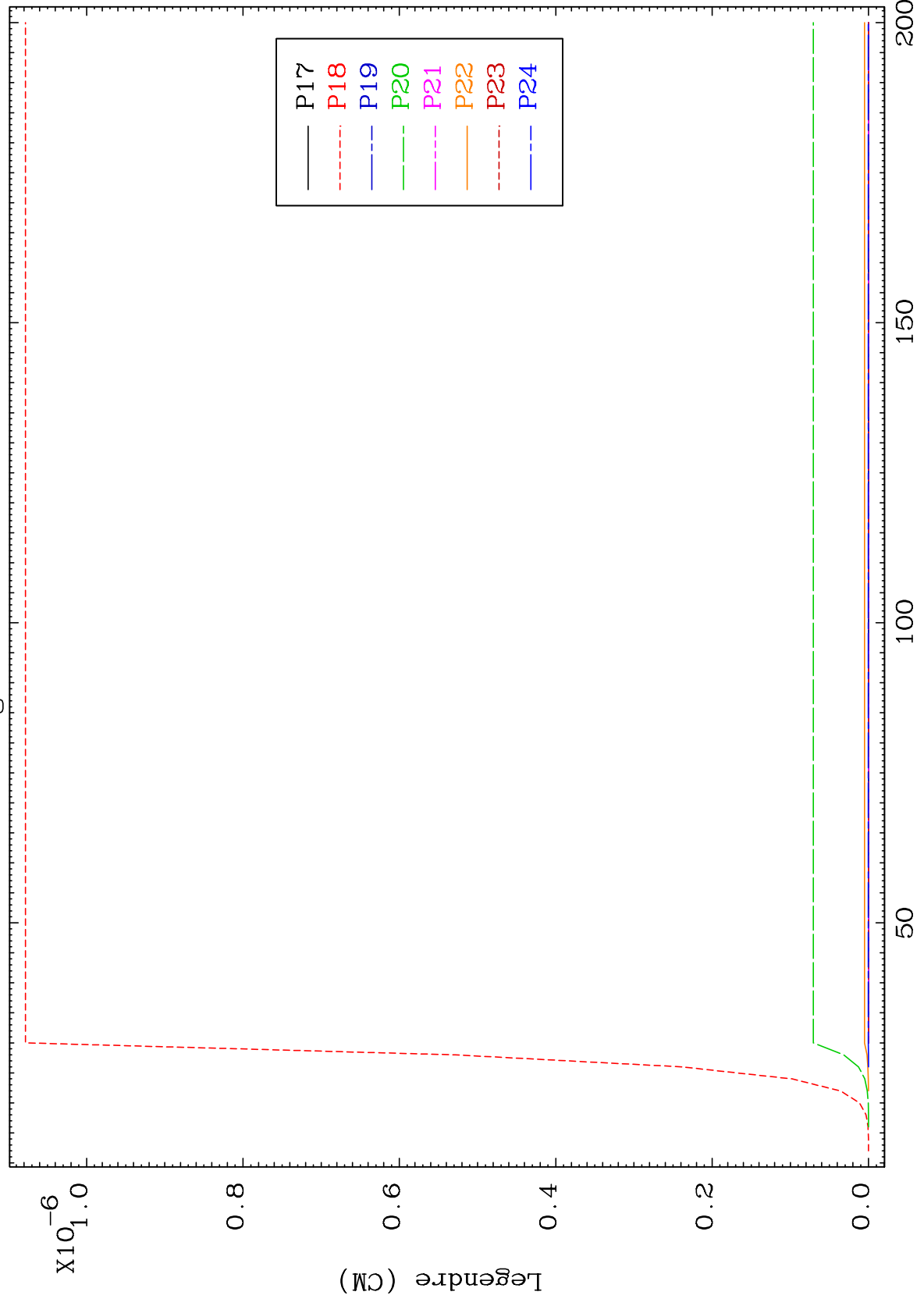
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

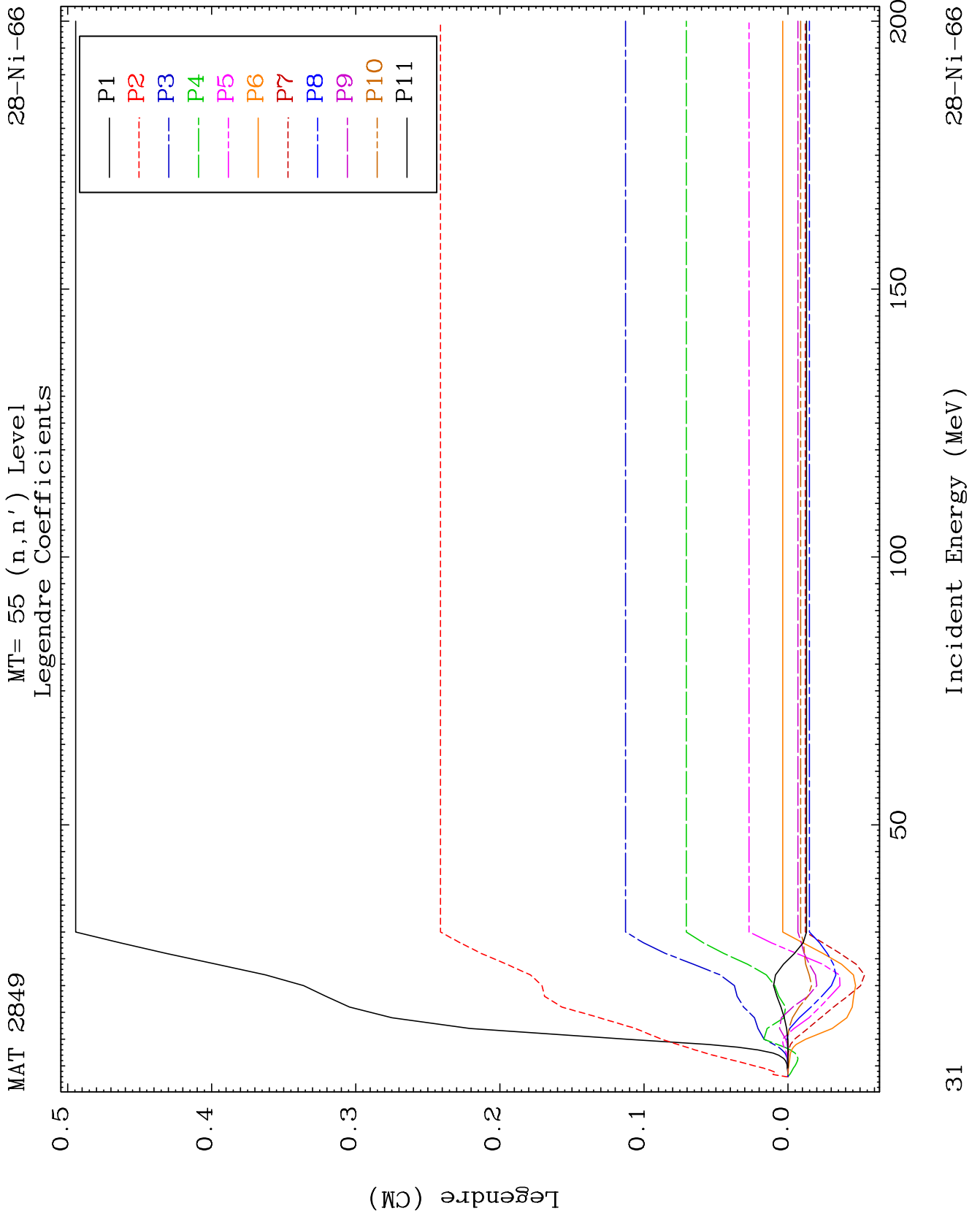
28-Ni-66



28-Ni-66

Incident Energy (MeV)

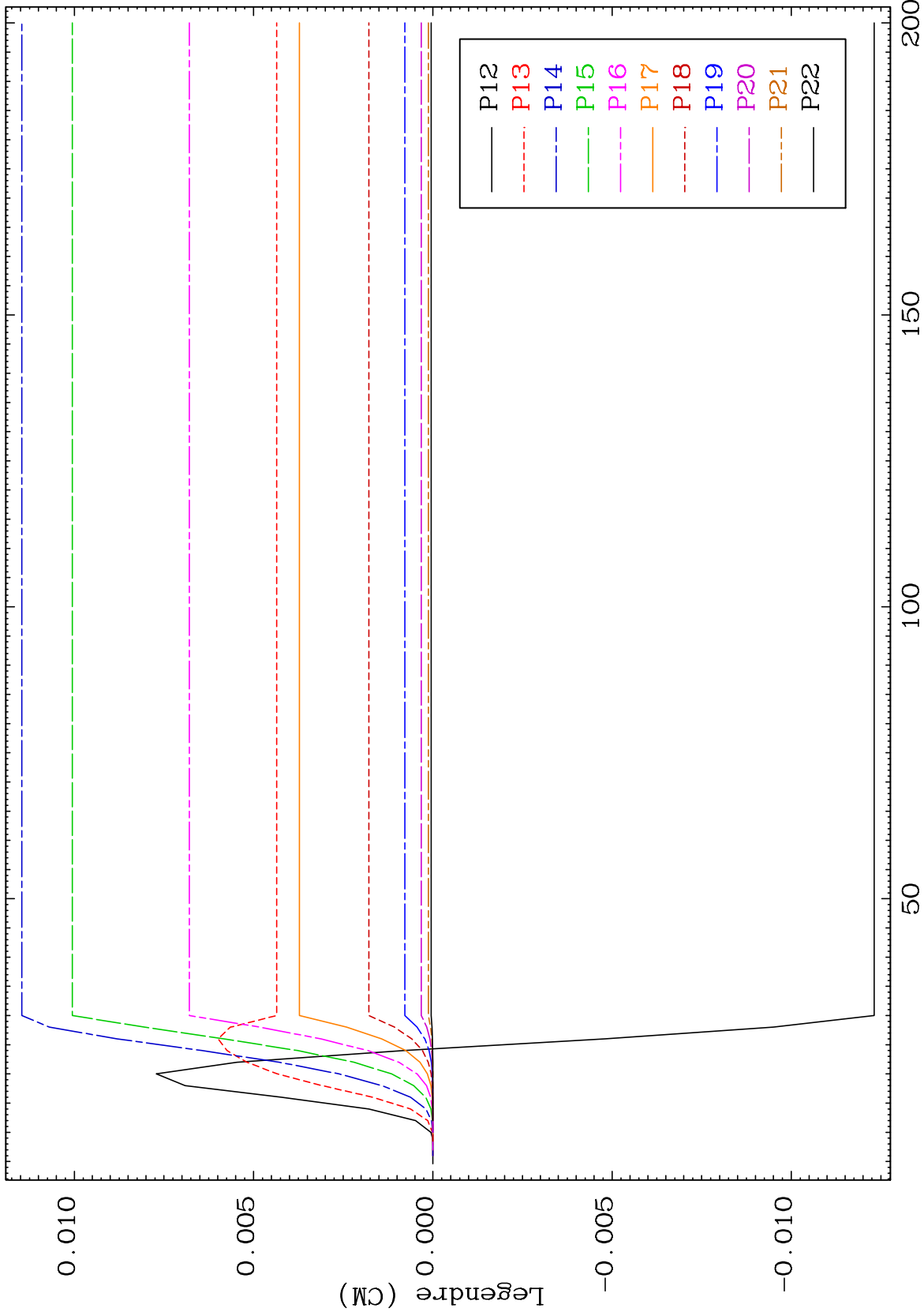
30



MAT 2849

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

28-Ni-66



32

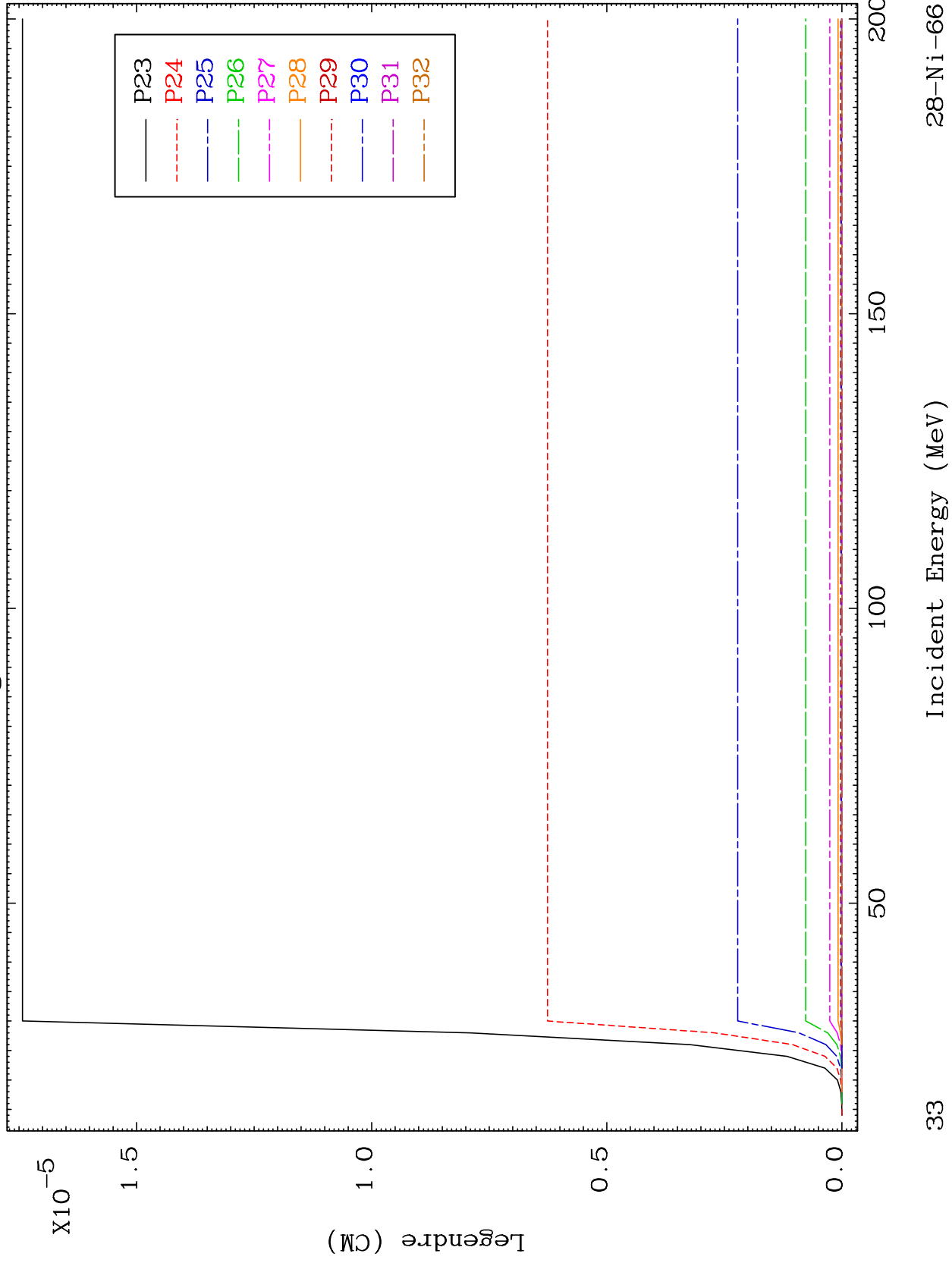
Incident Energy (MeV)

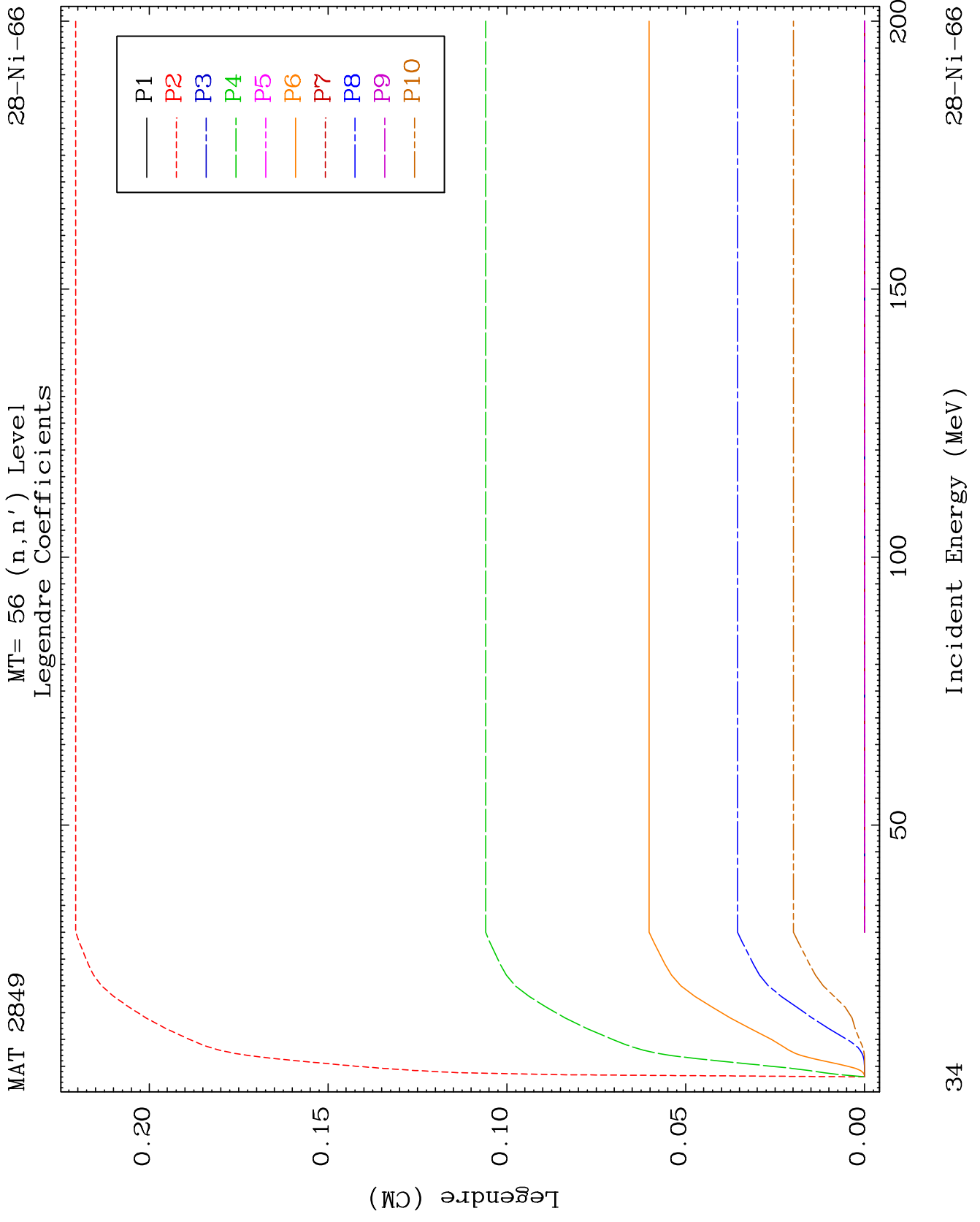
28-Ni-66

MAT 2849

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

28-Ni-66

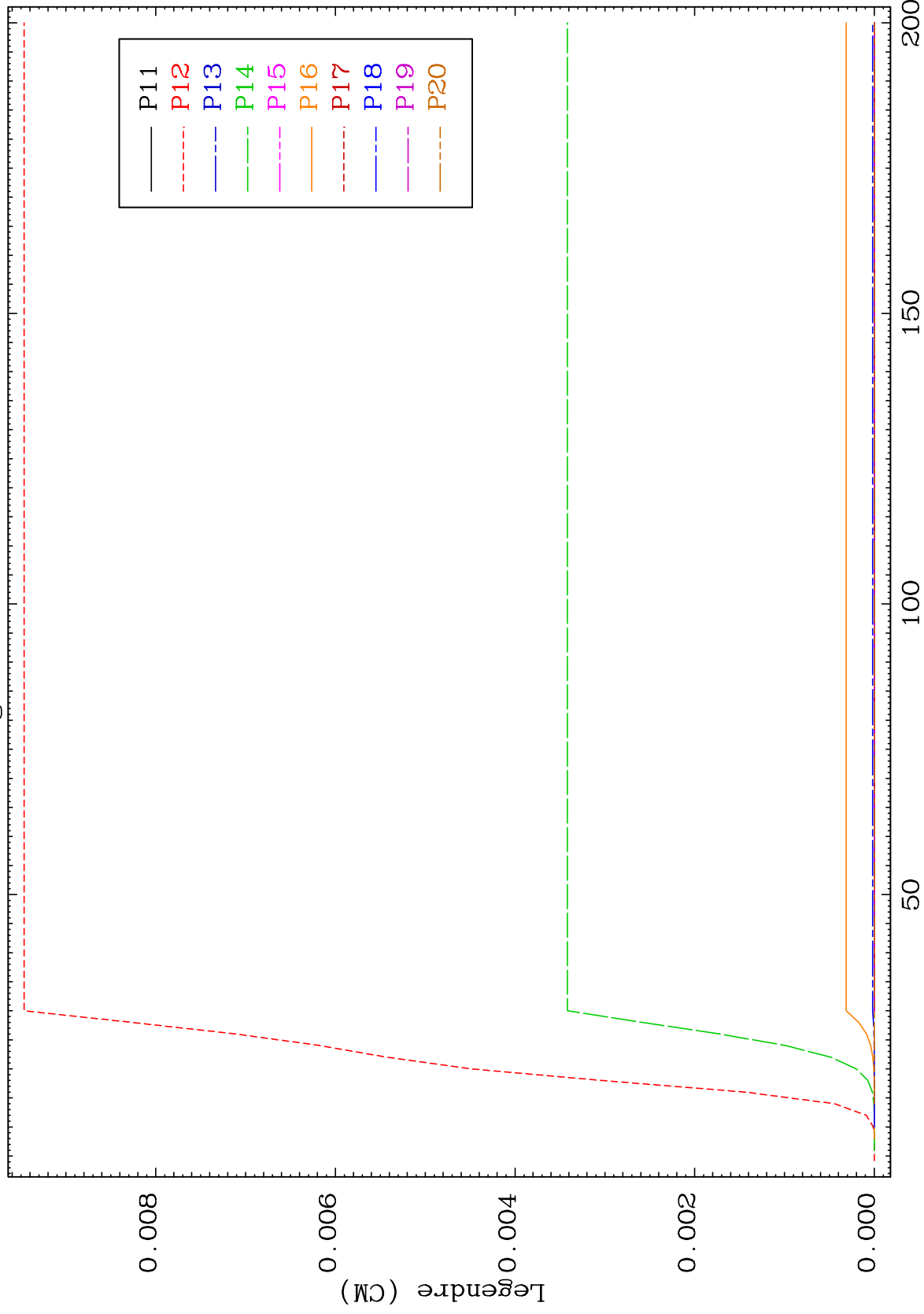




MAT 2849

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

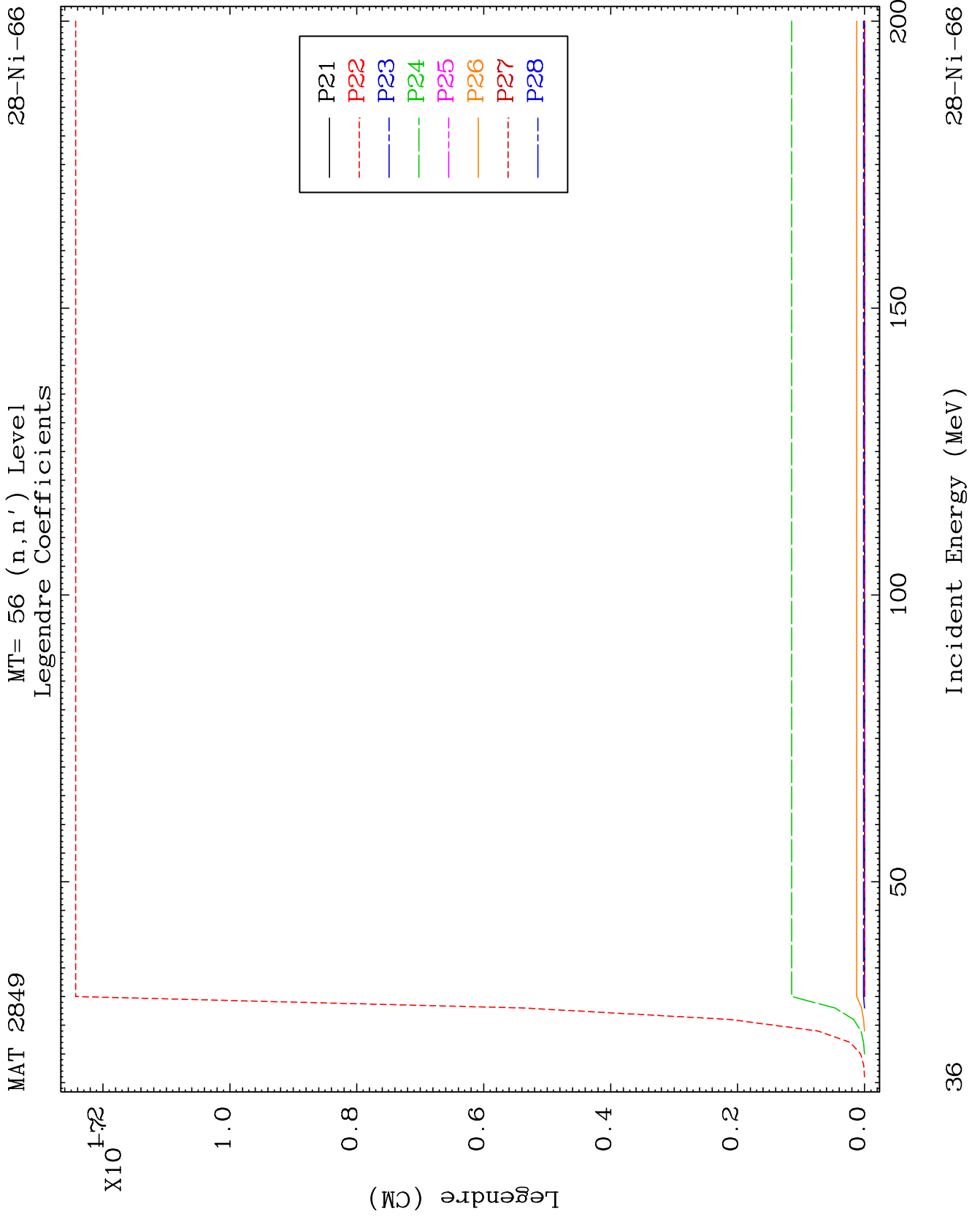
28-Ni-66



35

Incident Energy (MeV)

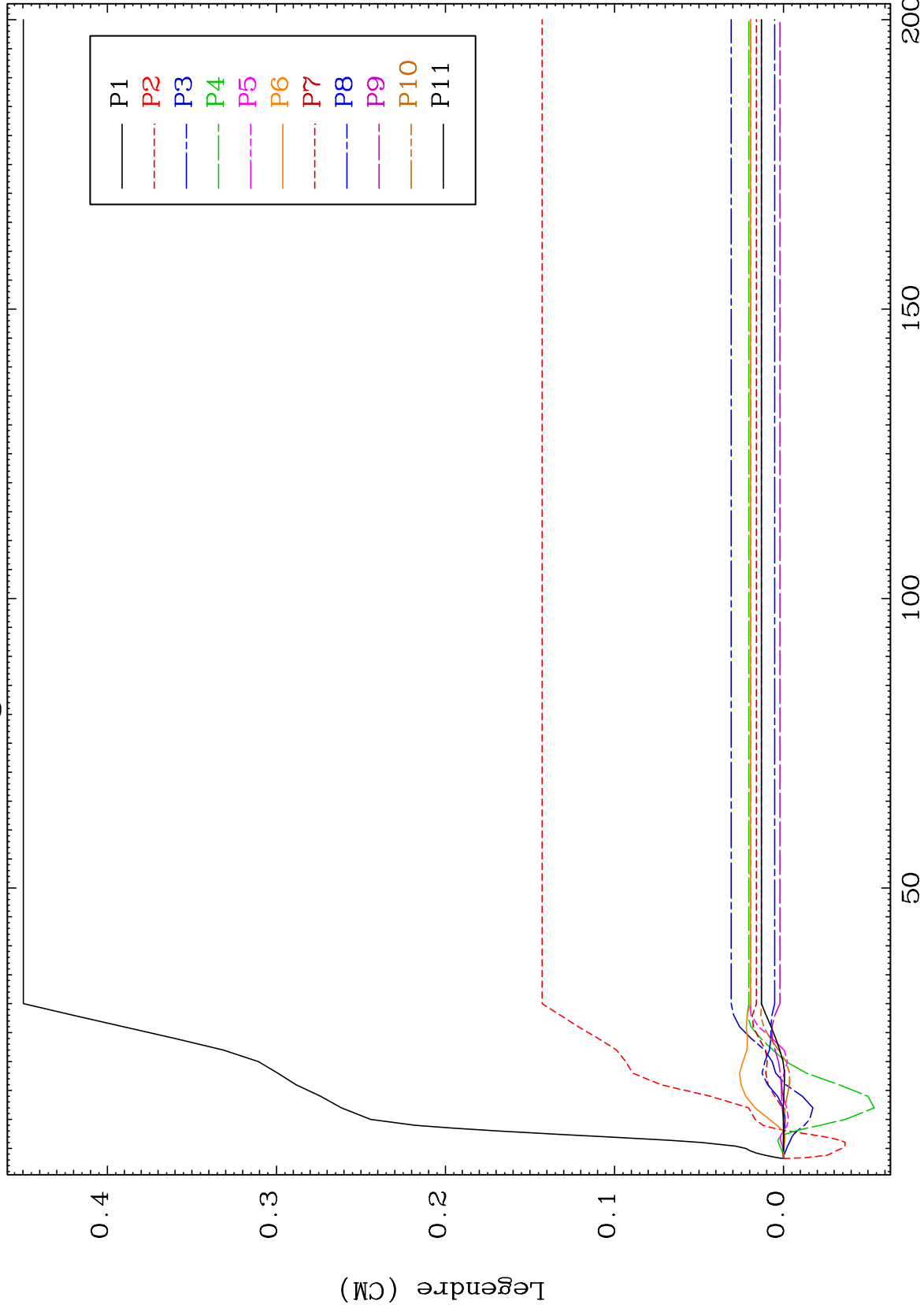
28-Ni-66



MAT 2849

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

28-Ni-66



37

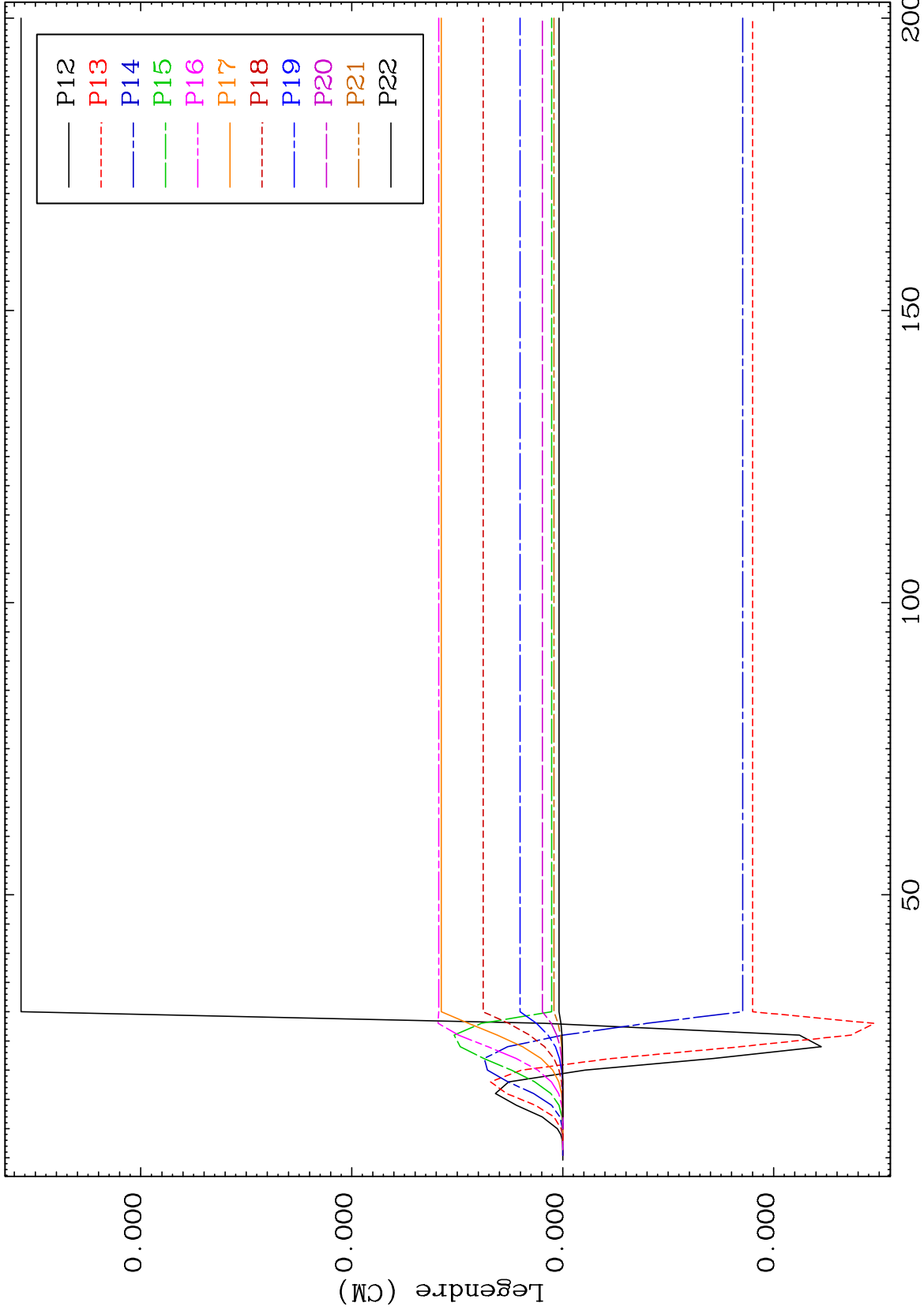
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



38

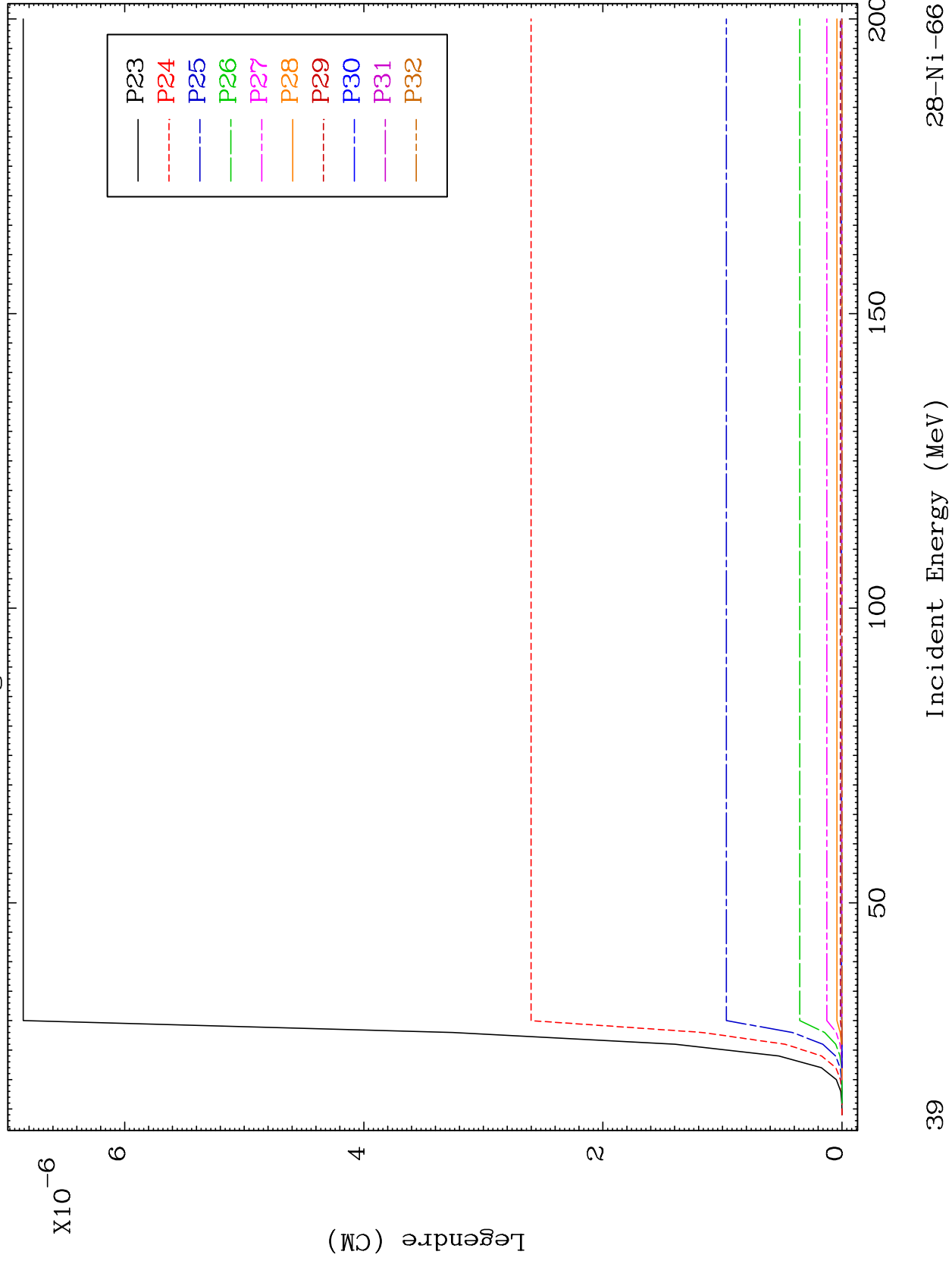
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



39

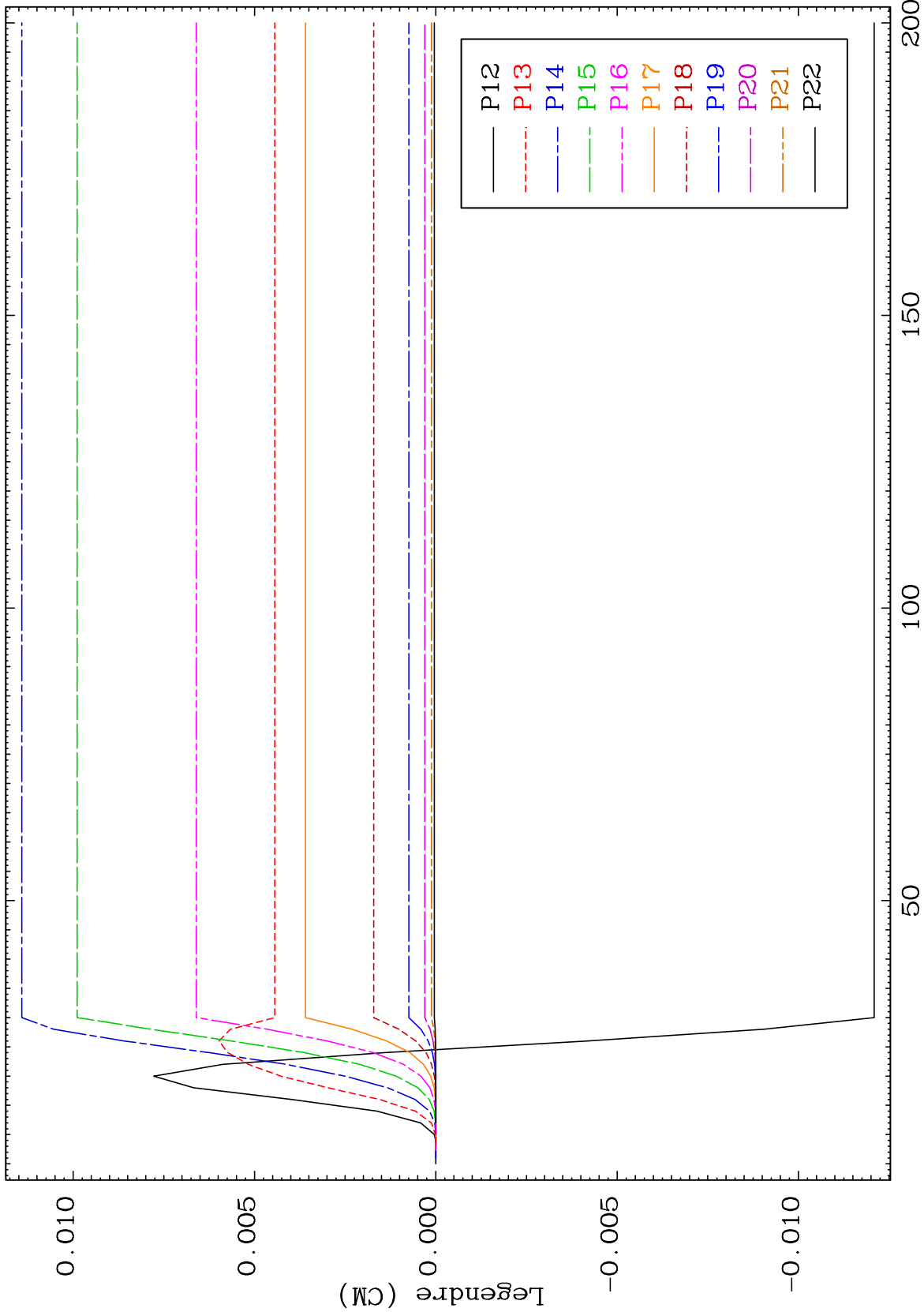
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

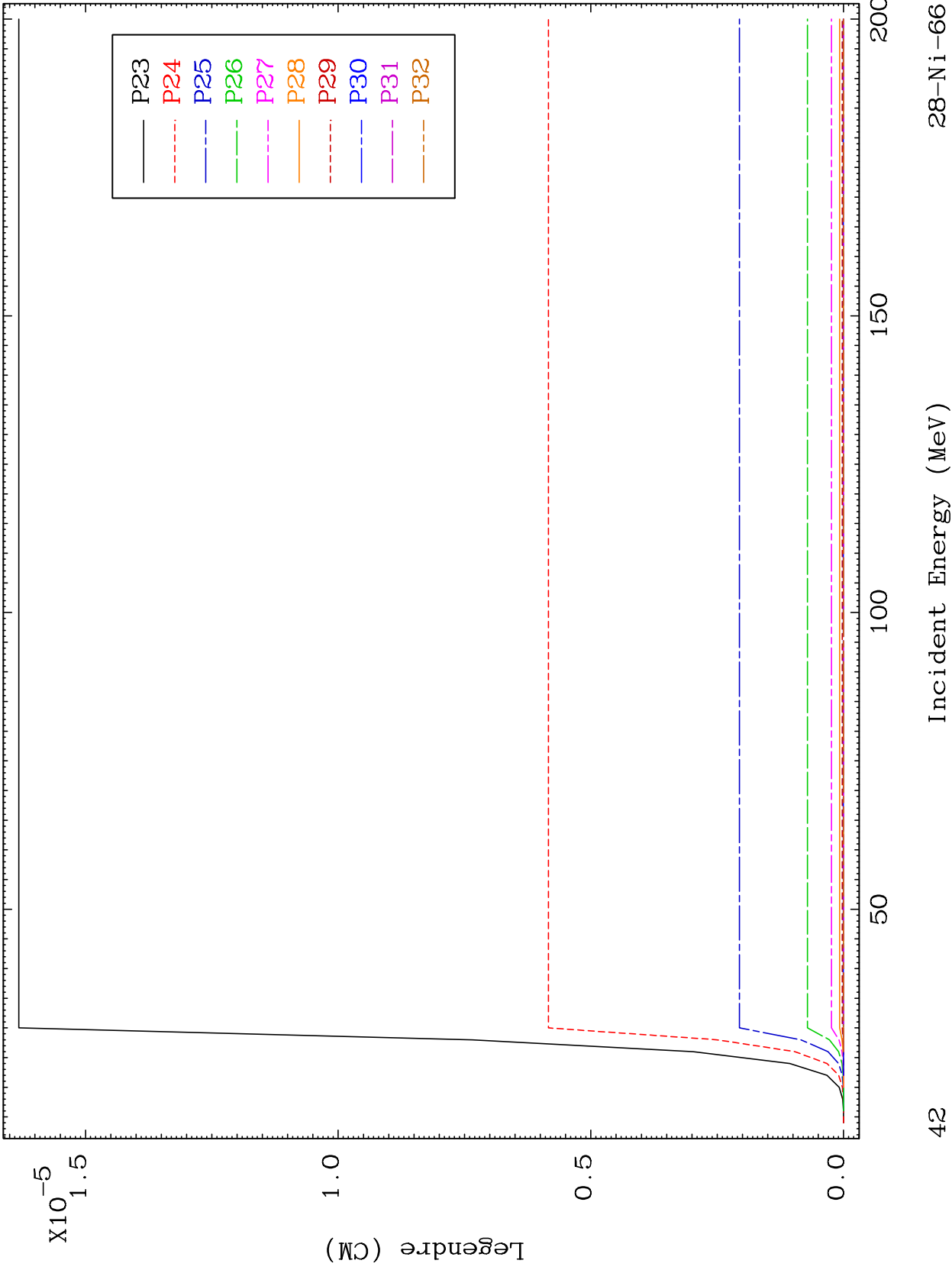
28-Ni-66



MAT 2849

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

28-Ni-66



42

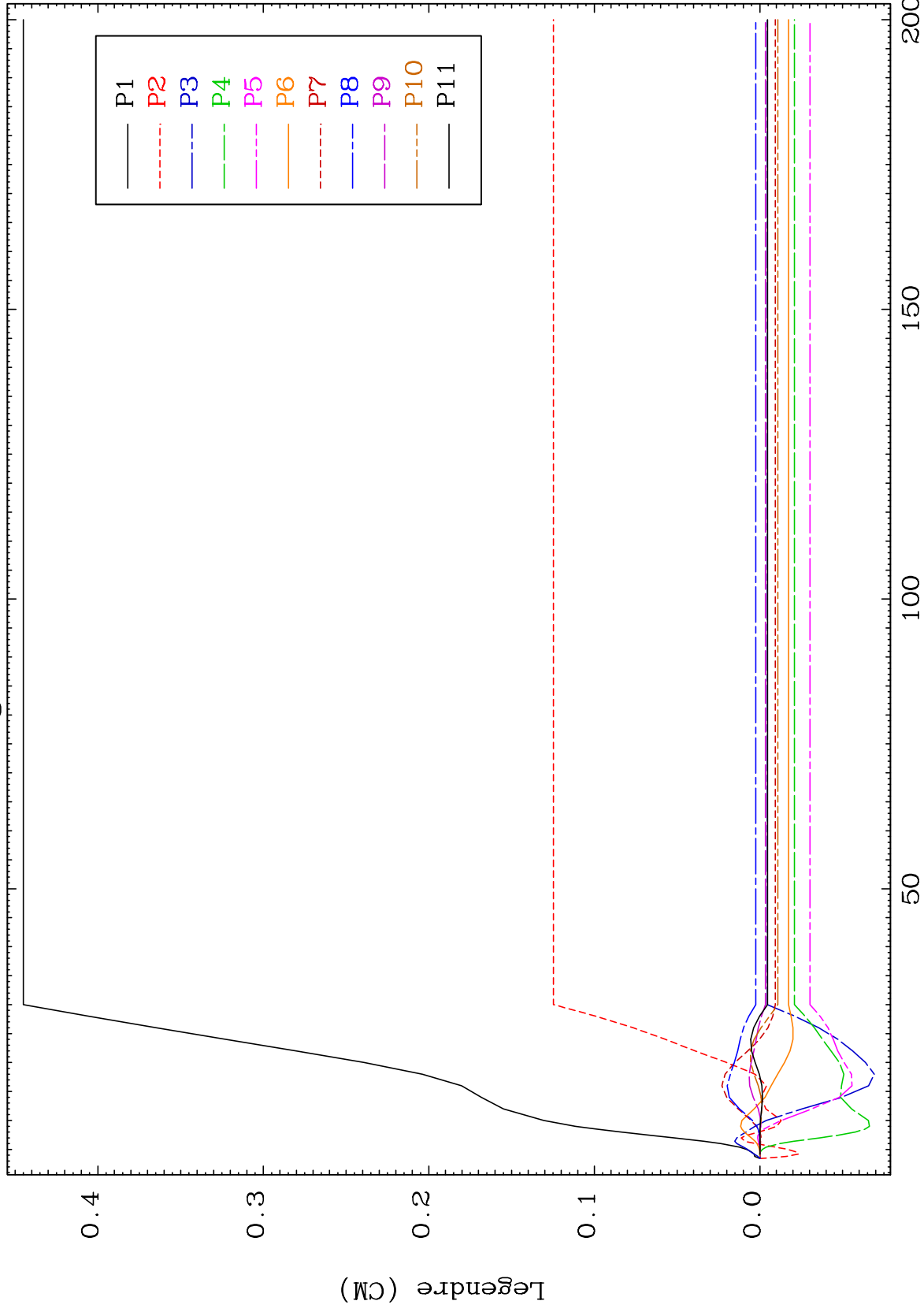
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

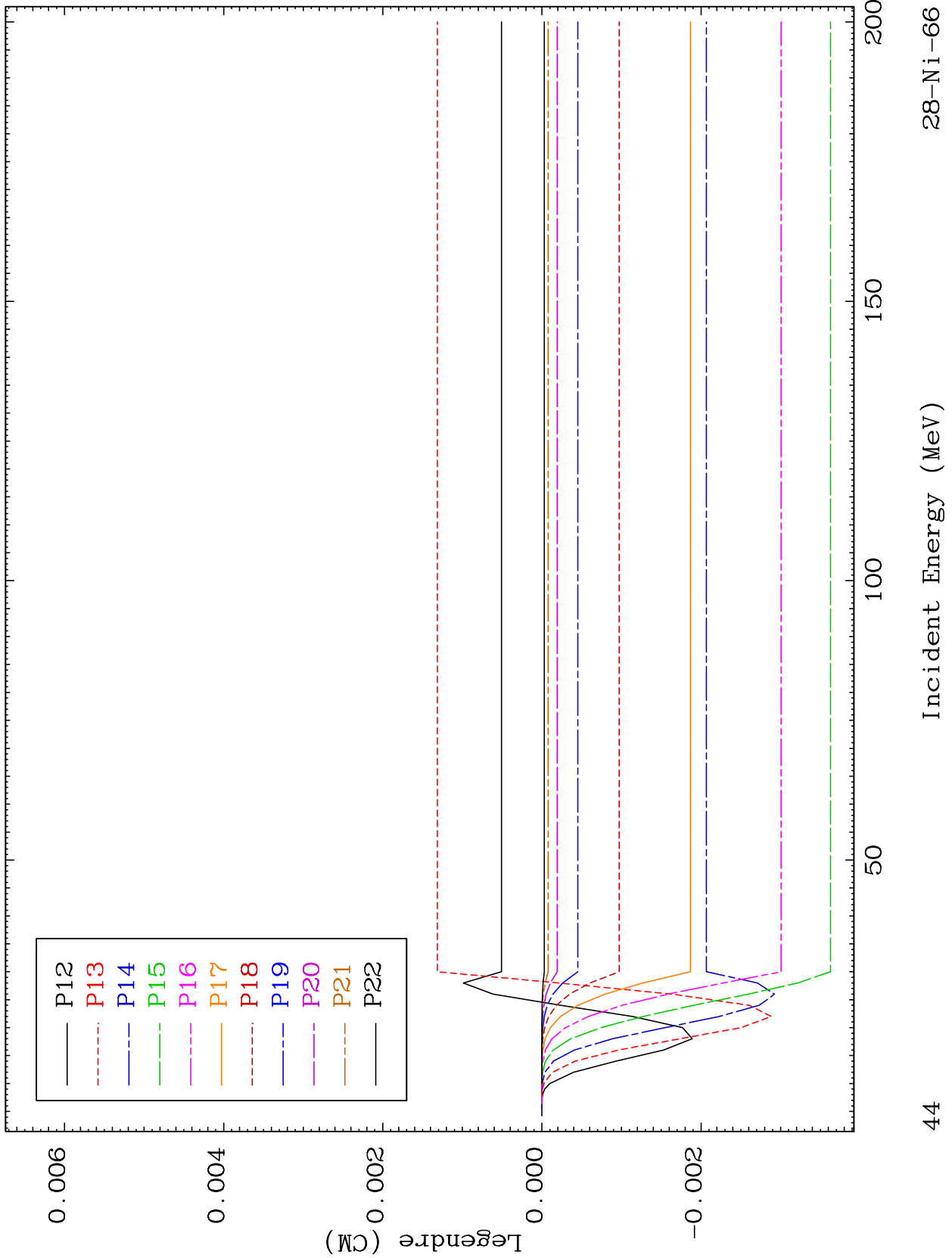
28-Ni-66

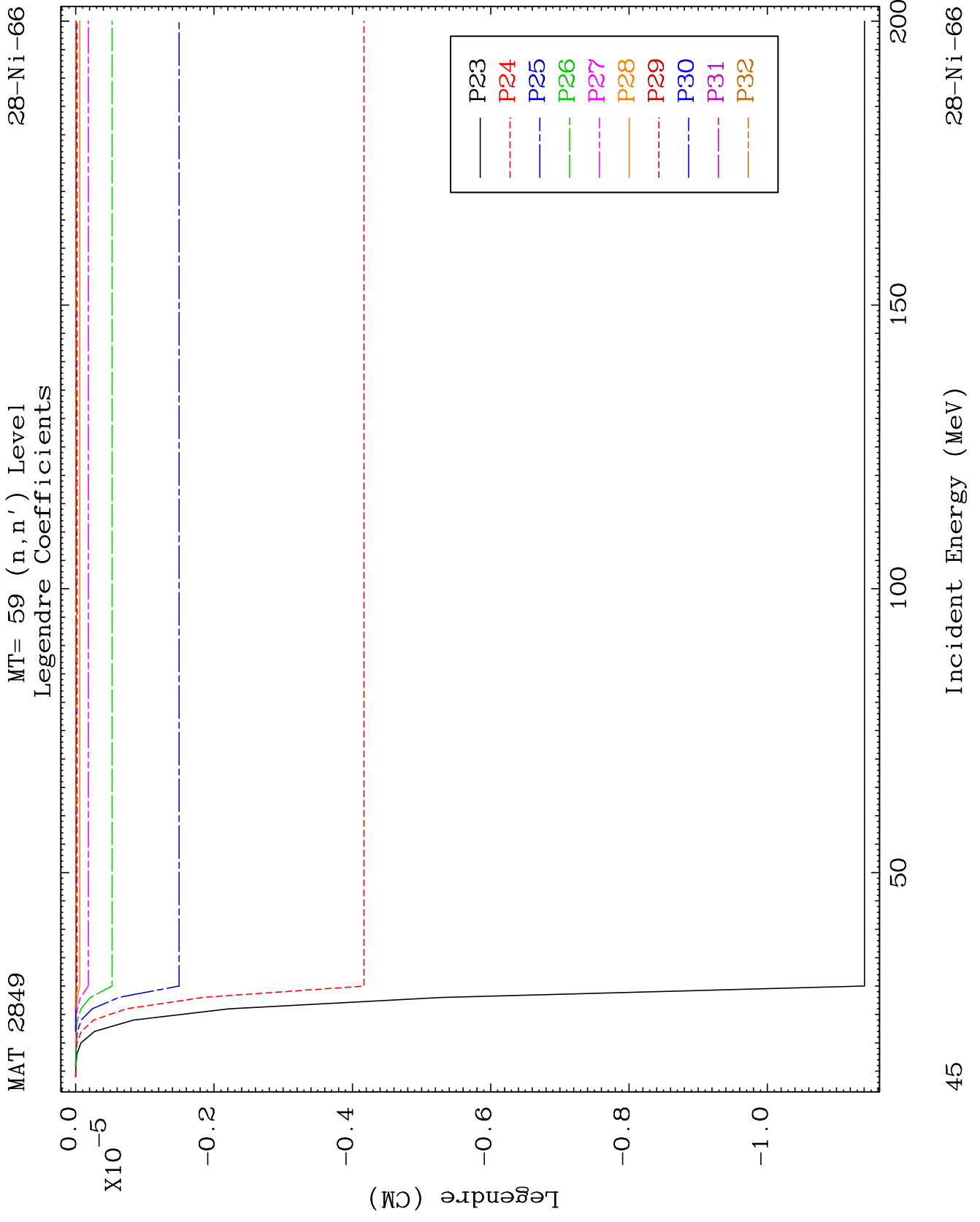


43

Incident Energy (MeV)

28-Ni-66

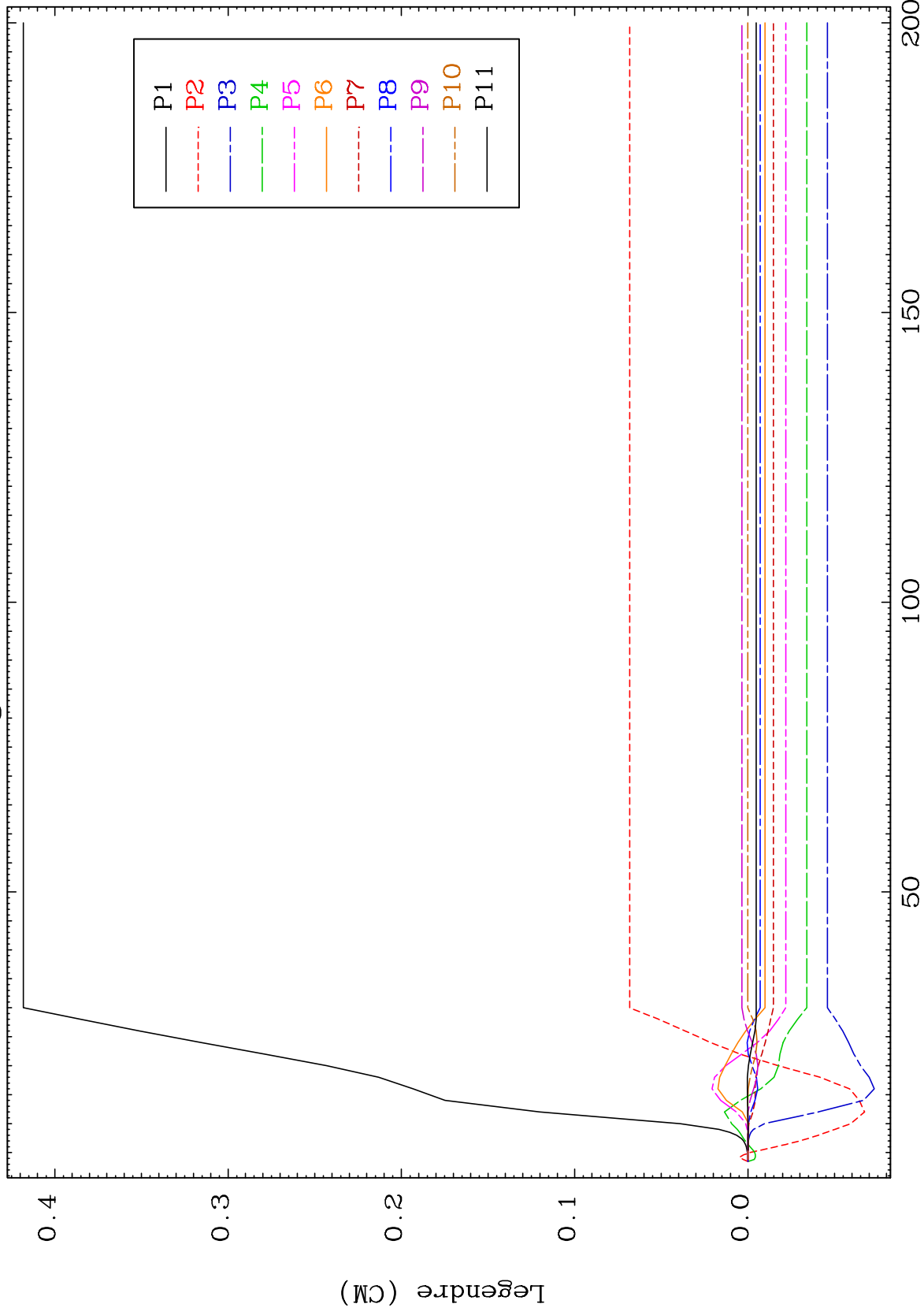




MAT 2849

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

28-Ni-66



46

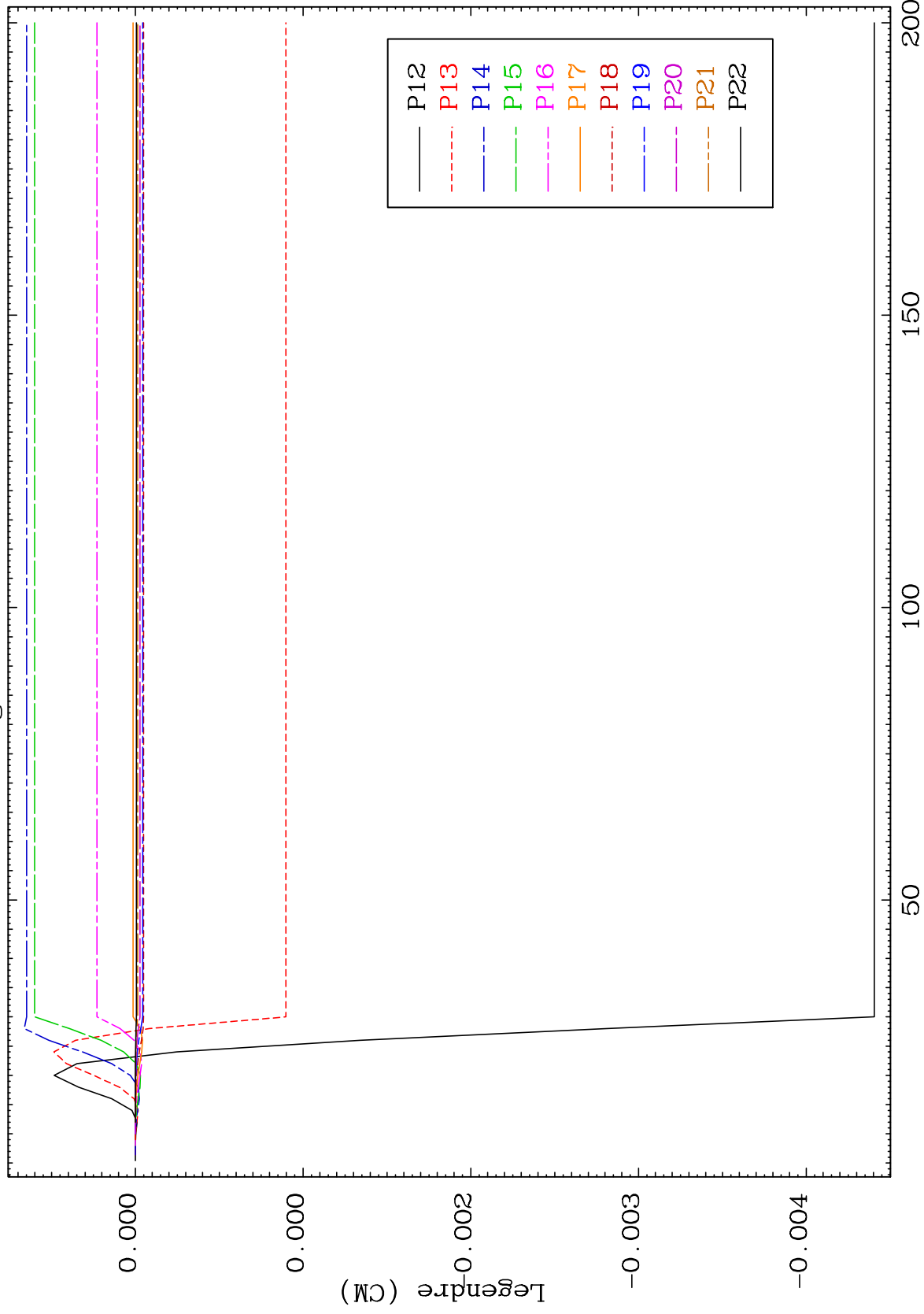
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

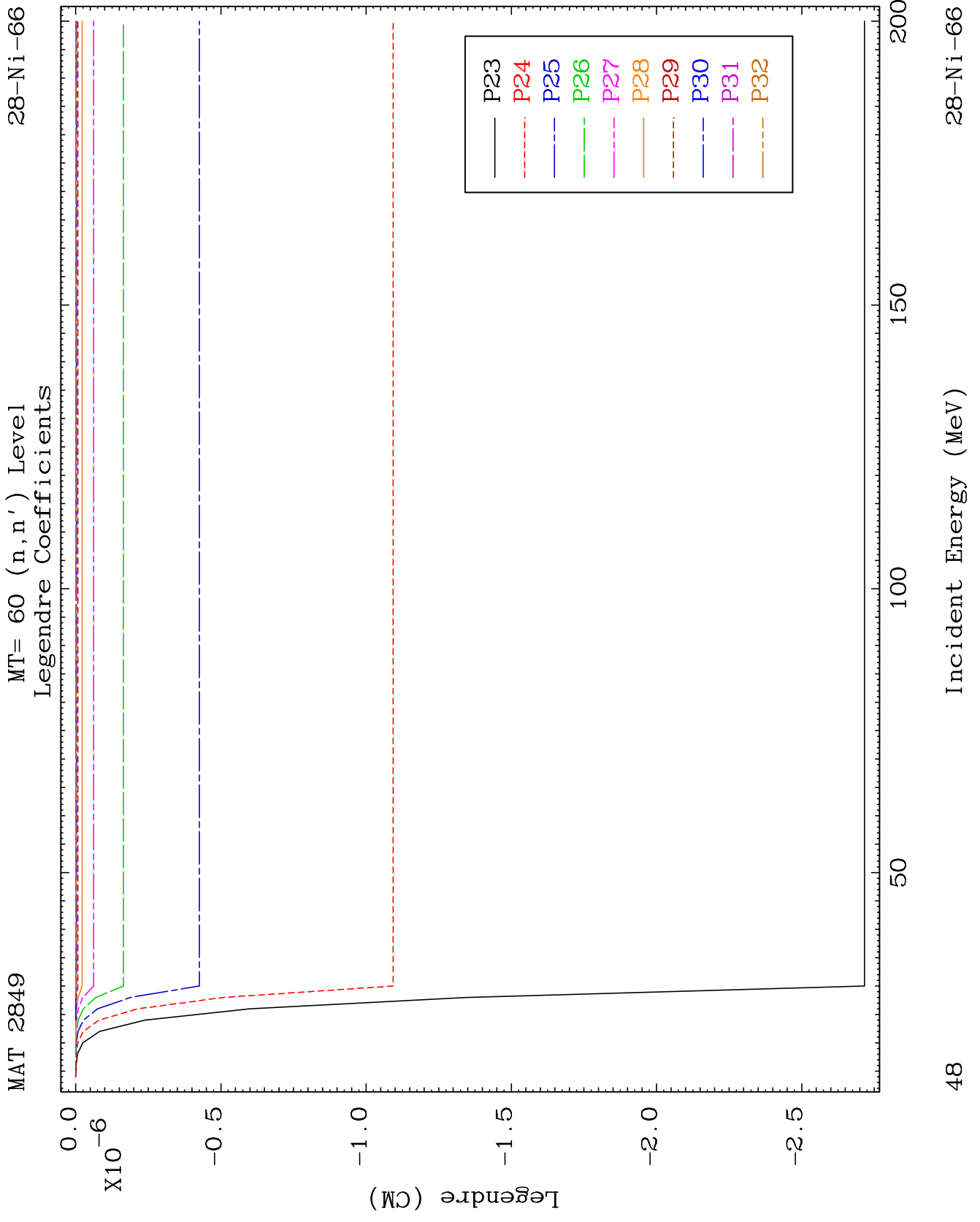
28-Ni-66



47

Incident Energy (MeV)

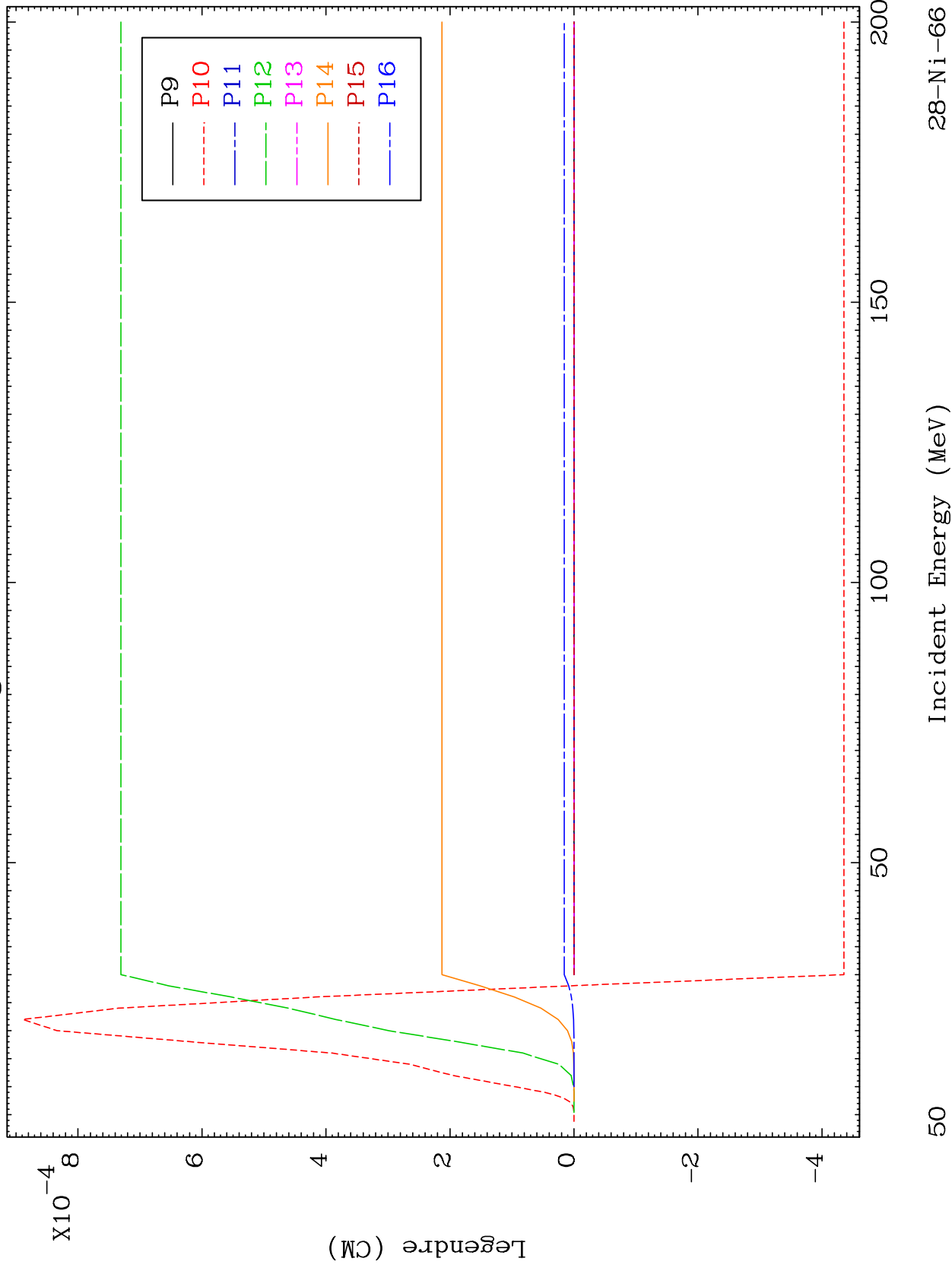
28-Ni-66

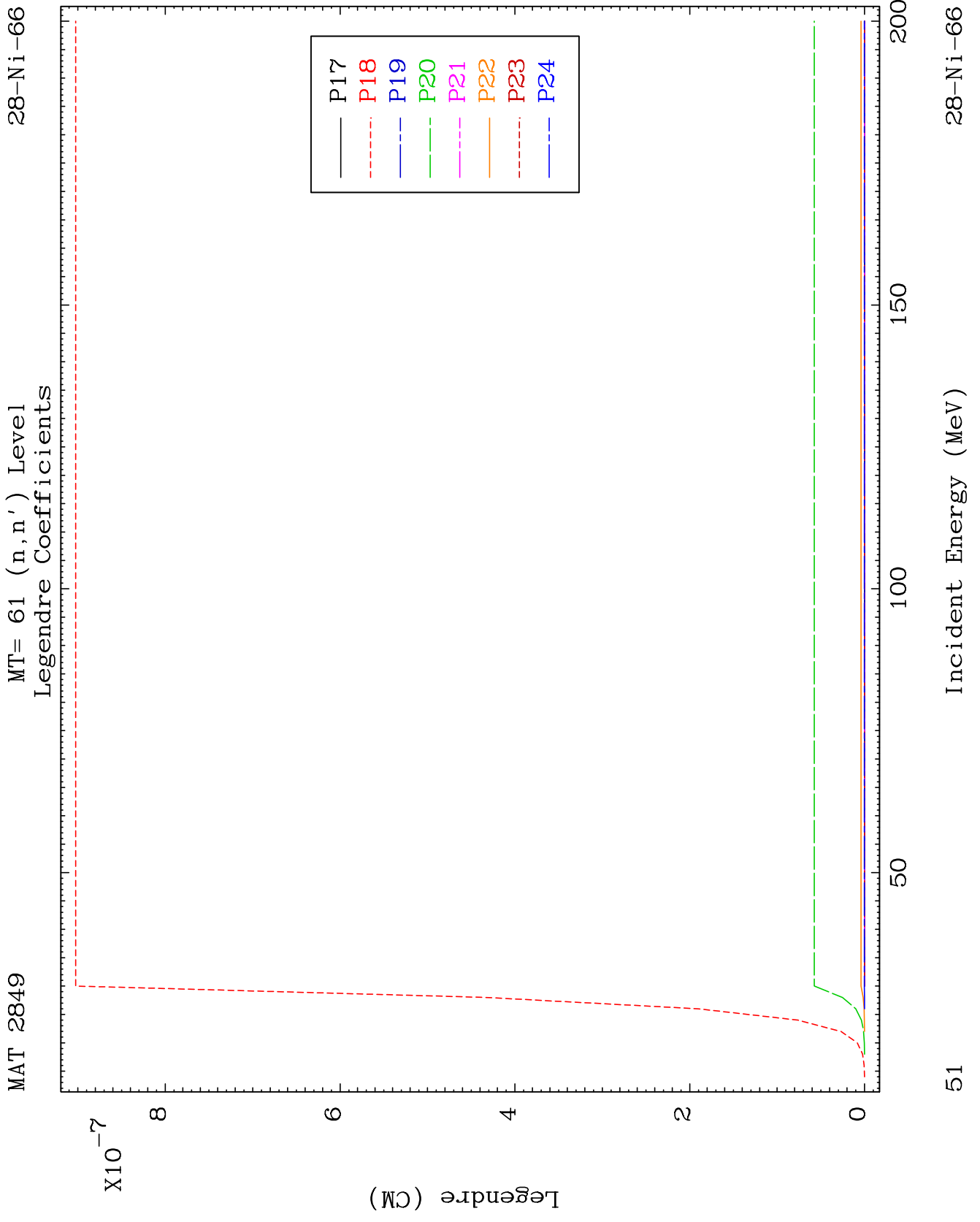


MAT 2849

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

28-Ni-66

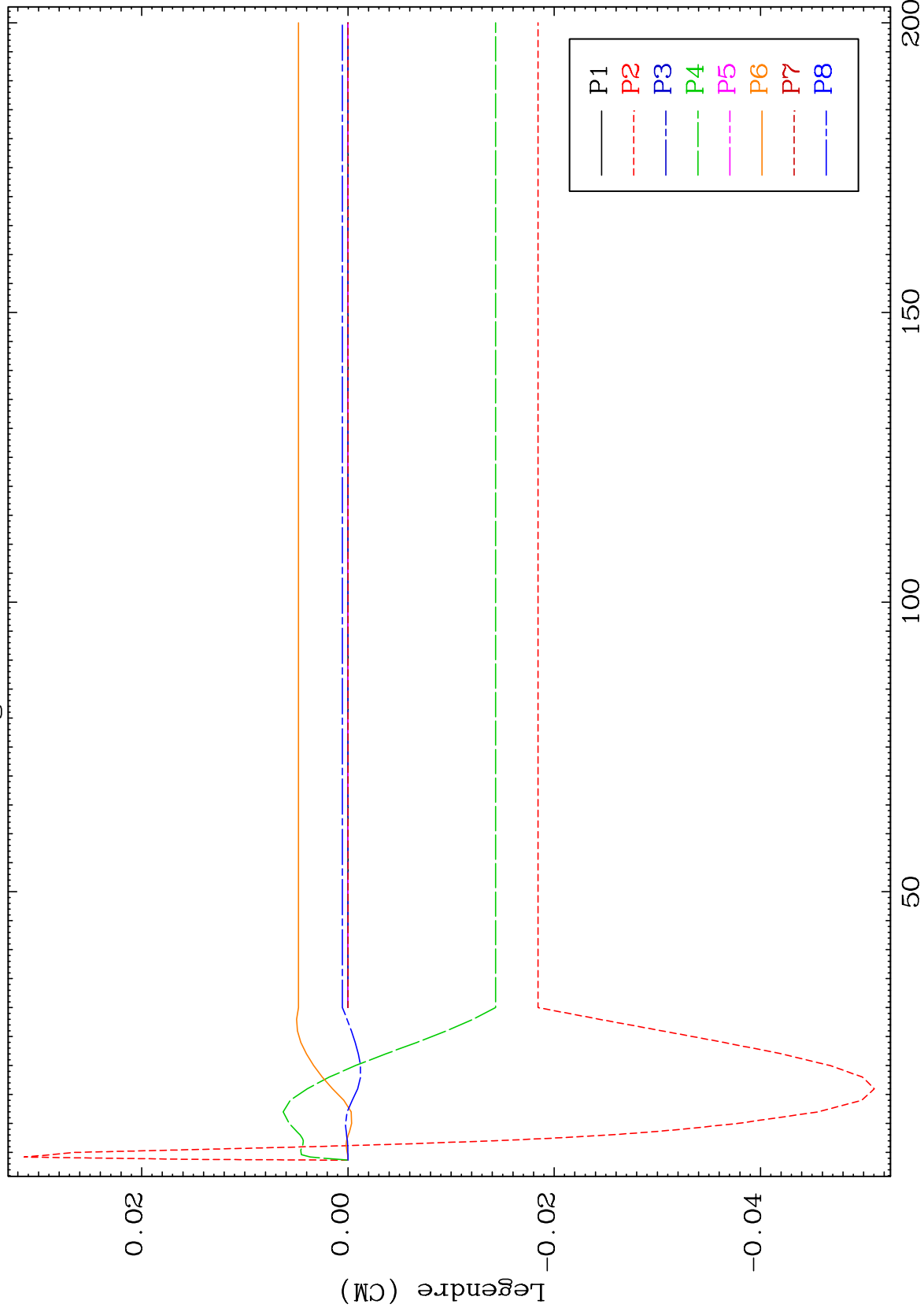




MAT 2849

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

28-Ni-66



52

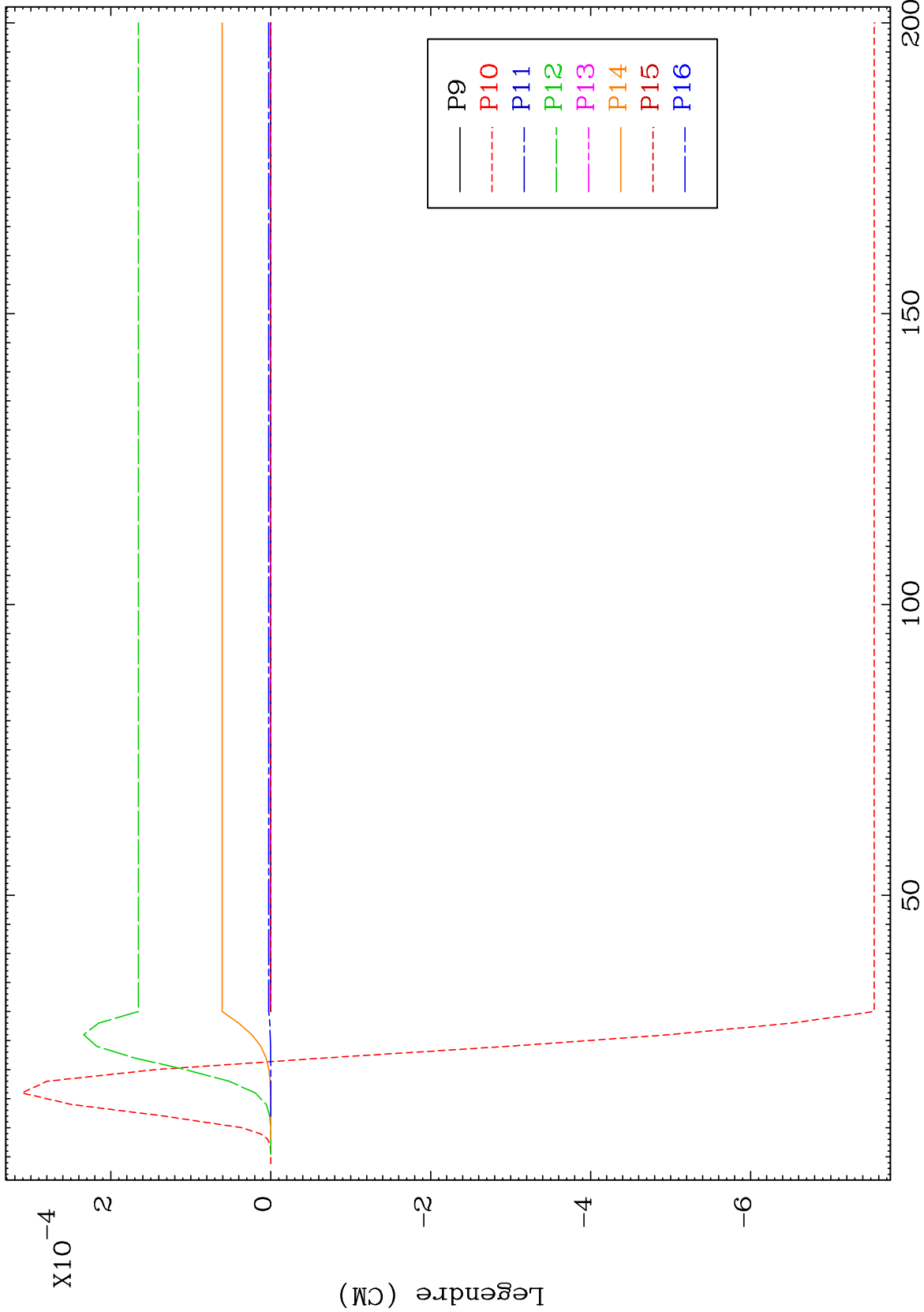
Incident Energy (MeV)

28-Ni-66

MAT 2849

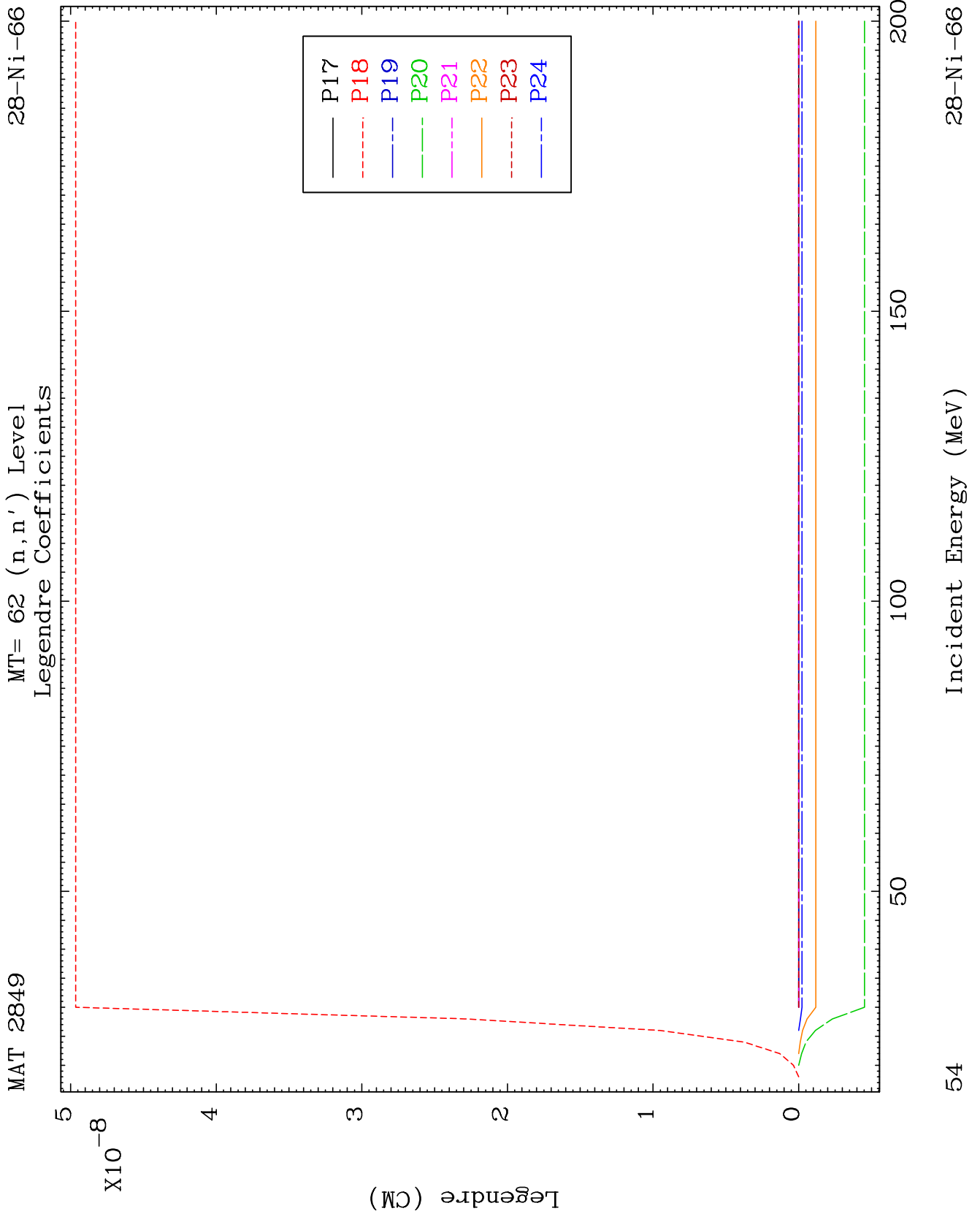
MT= 62 (n,n') Level
Legendre Coefficients

28-Ni-66



53

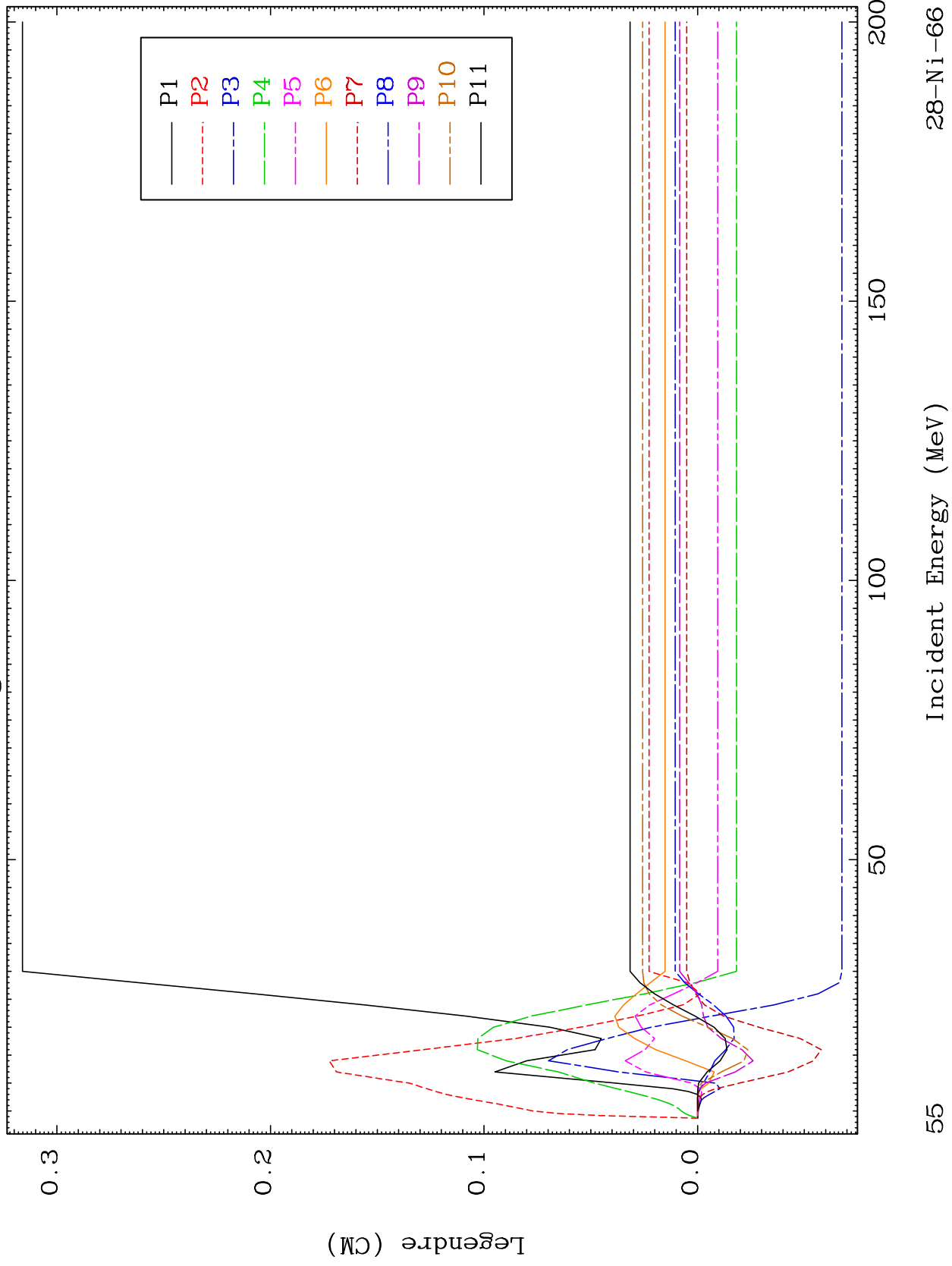
28-Ni-66



MAT 2849

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

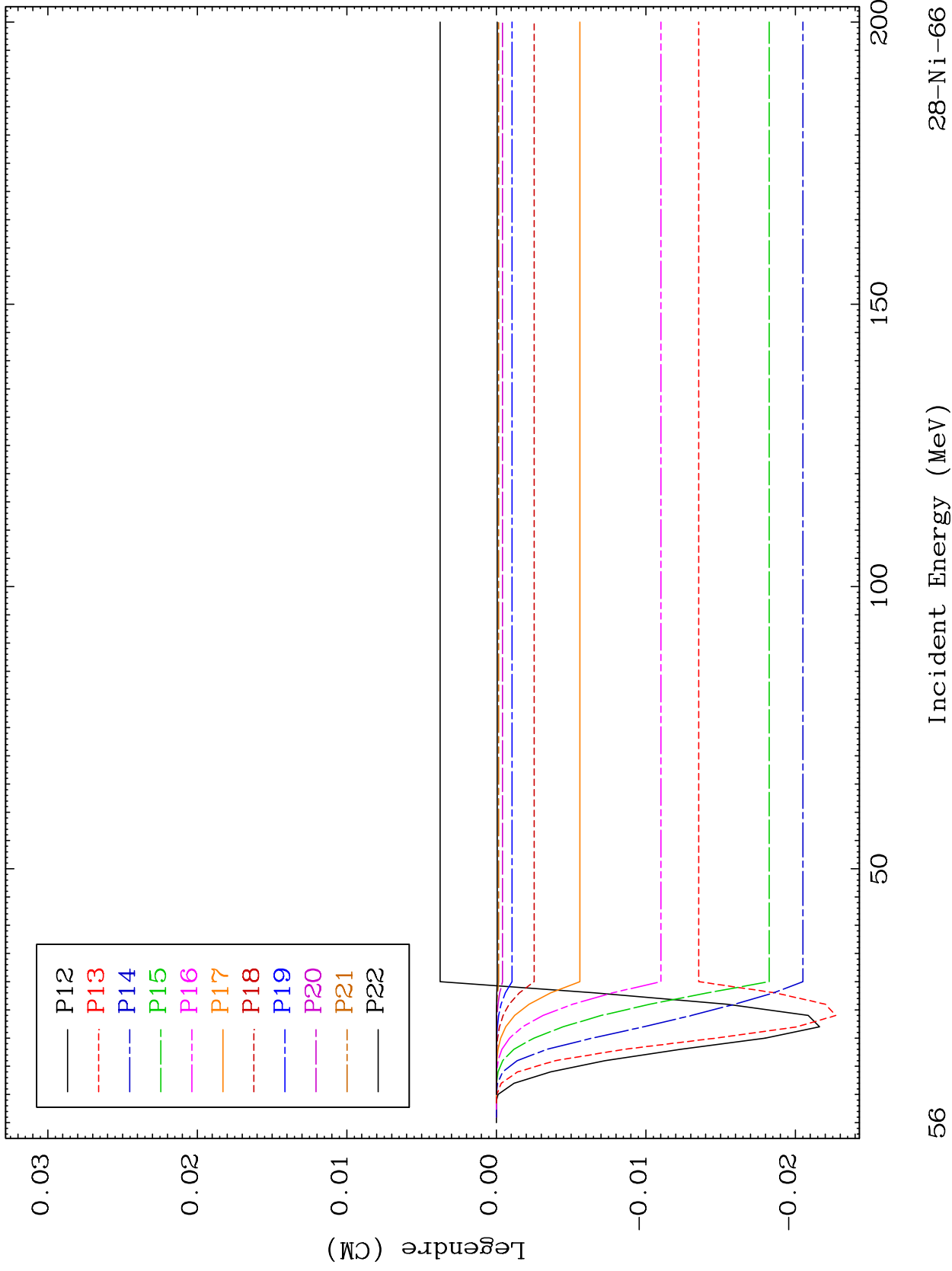
28-Ni-66



55

Incident Energy (MeV)

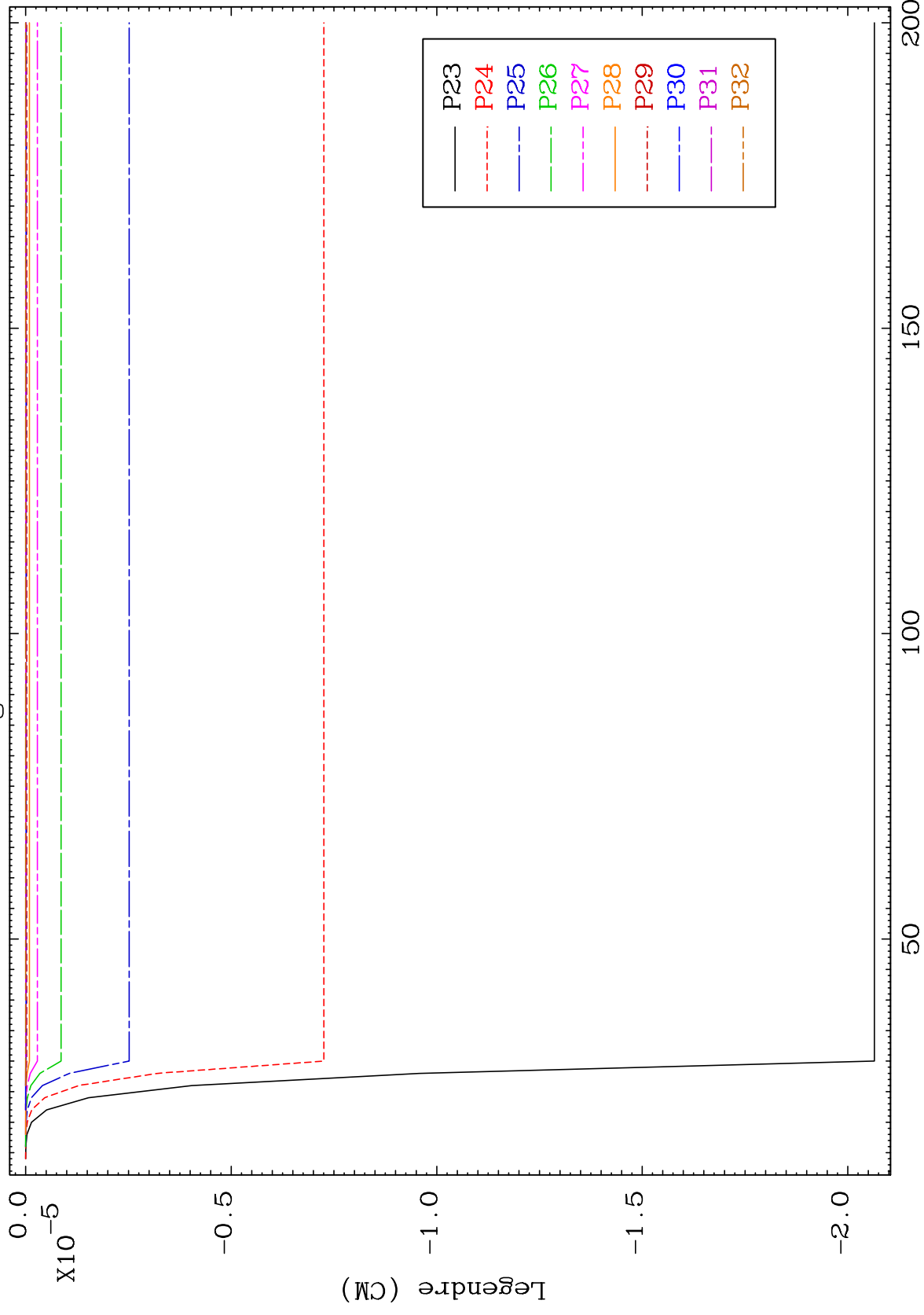
28-Ni-66



MAT 2849

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

28-Ni-66



57

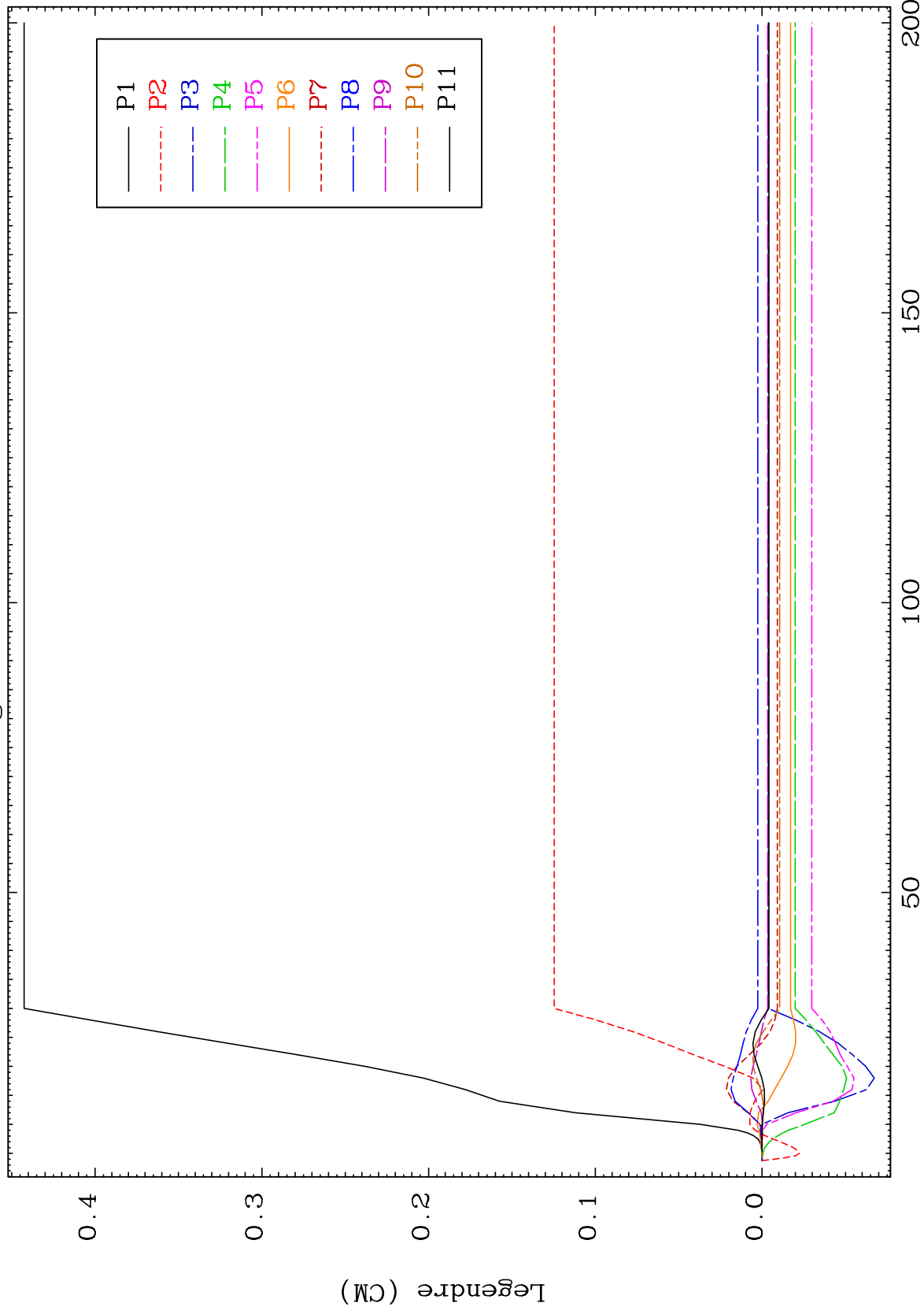
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

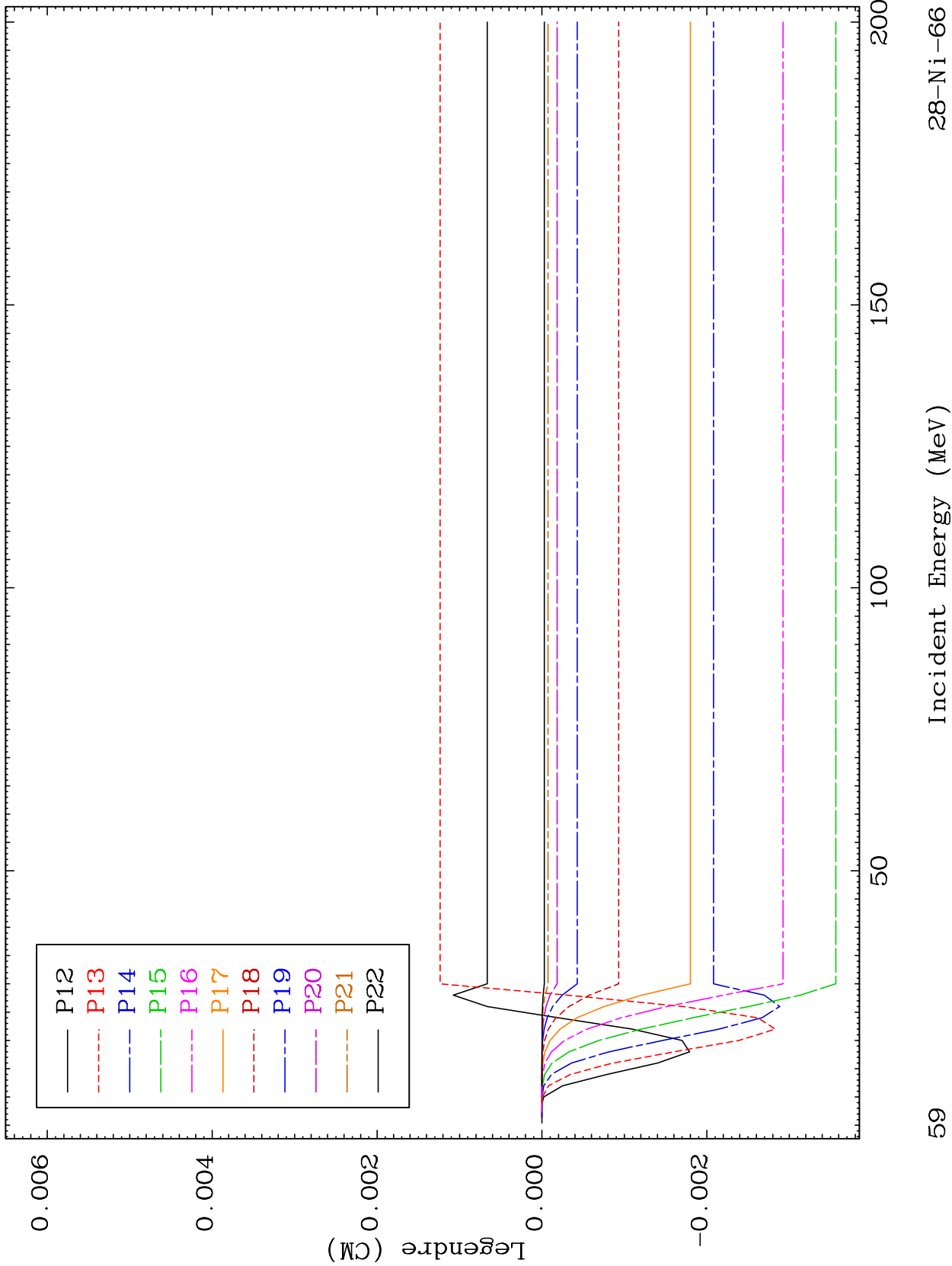
28-Ni-66

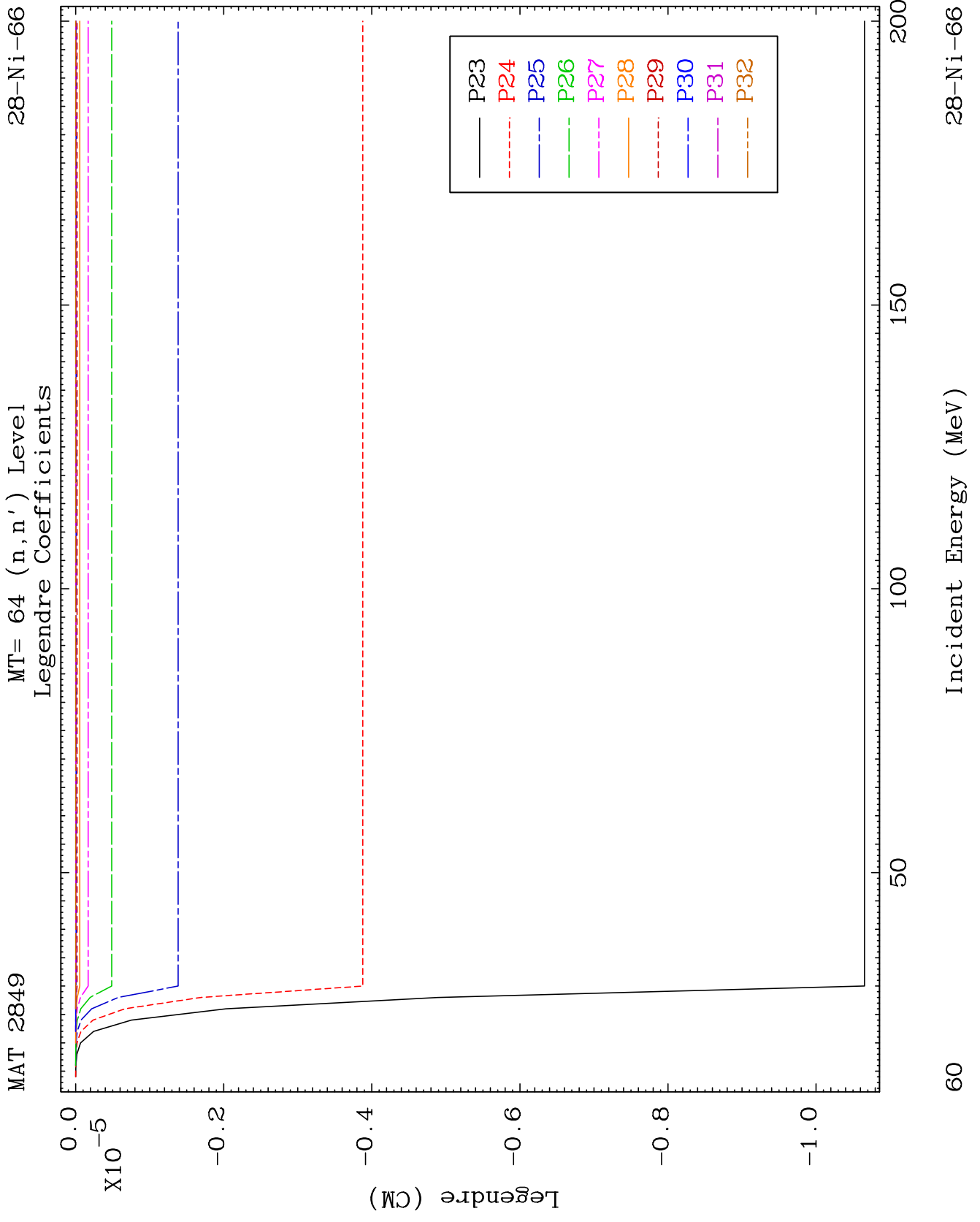


58

Incident Energy (MeV)

28-Ni-66

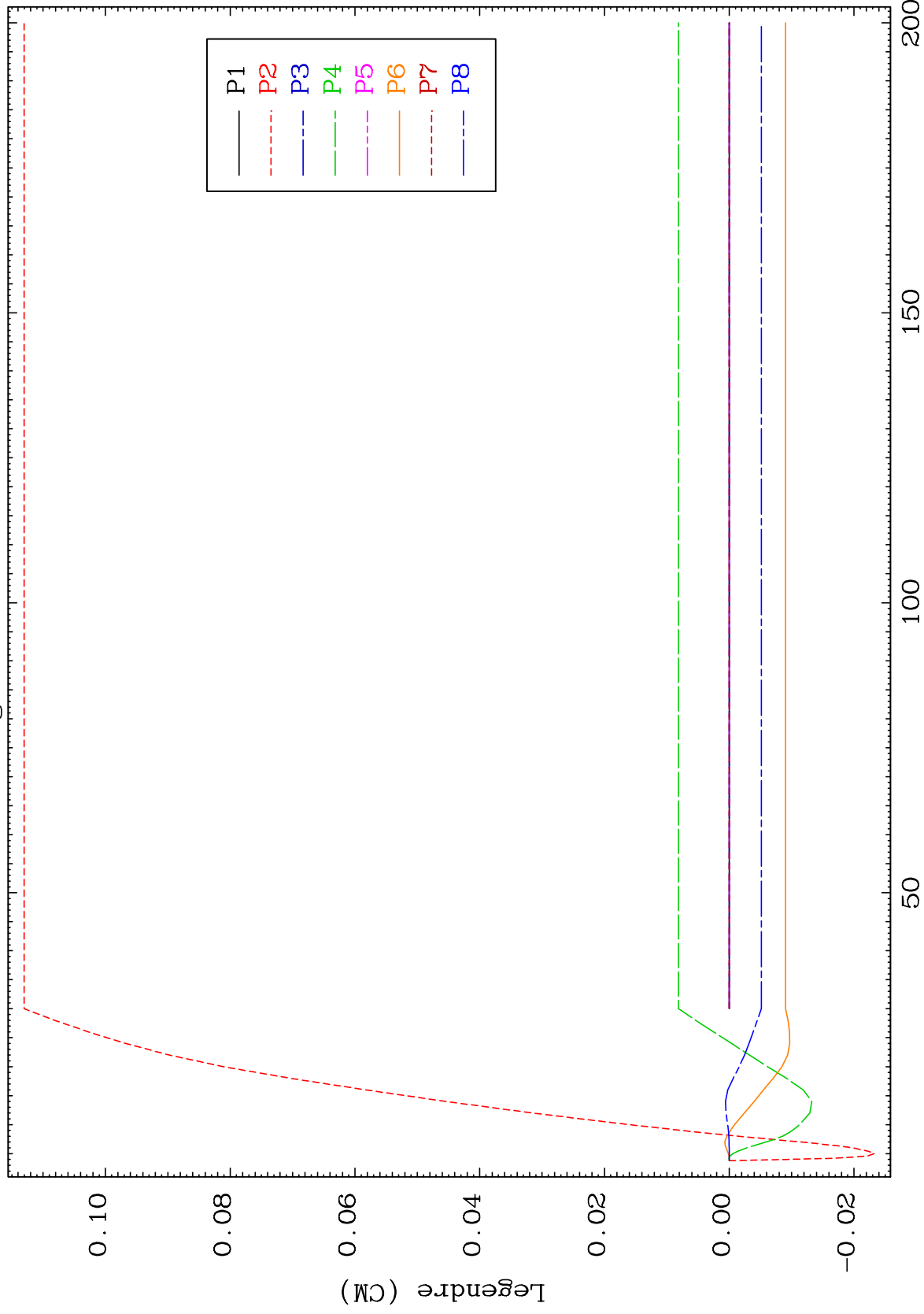




MAT 2849

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

28-Ni-66



61

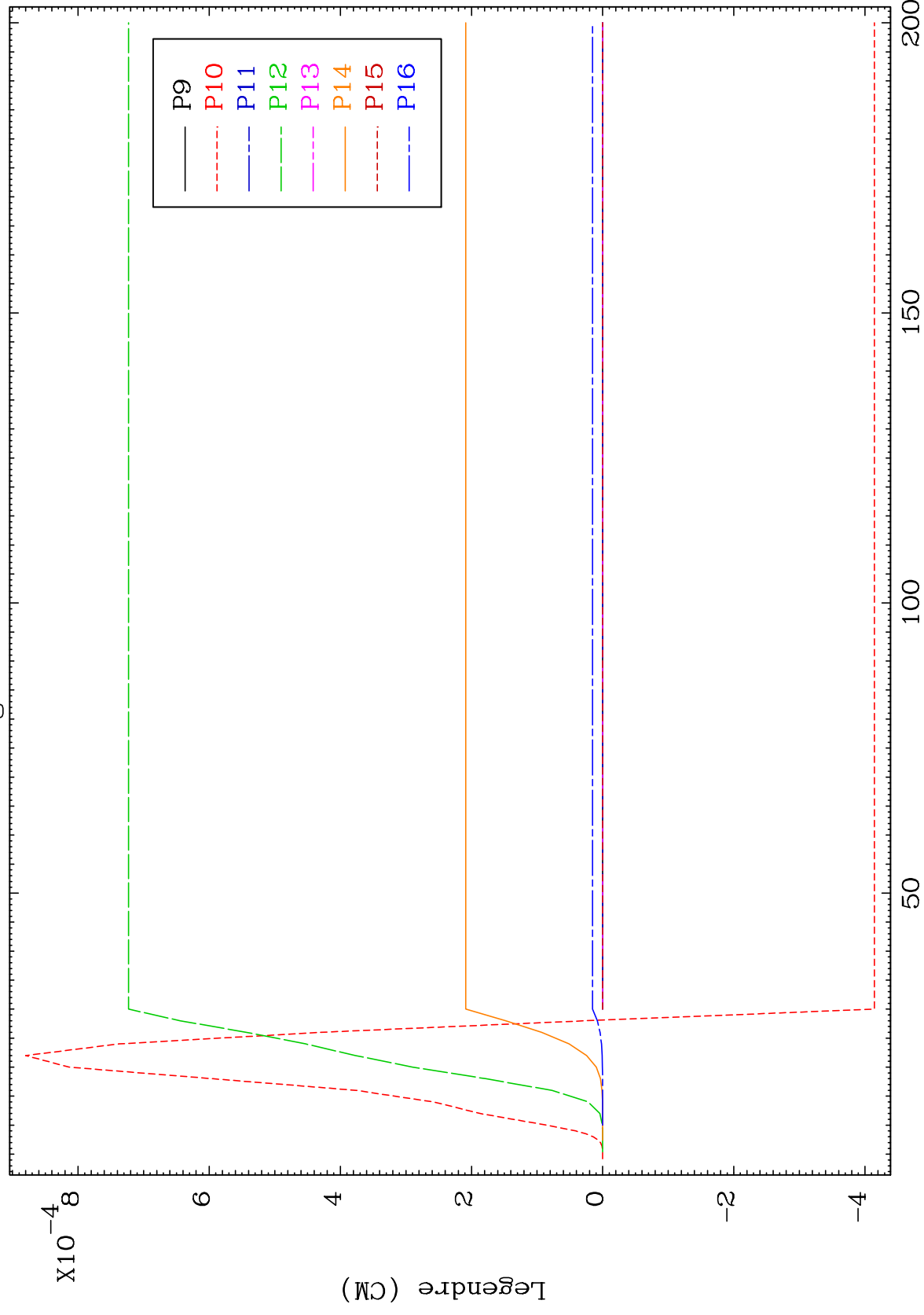
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



62

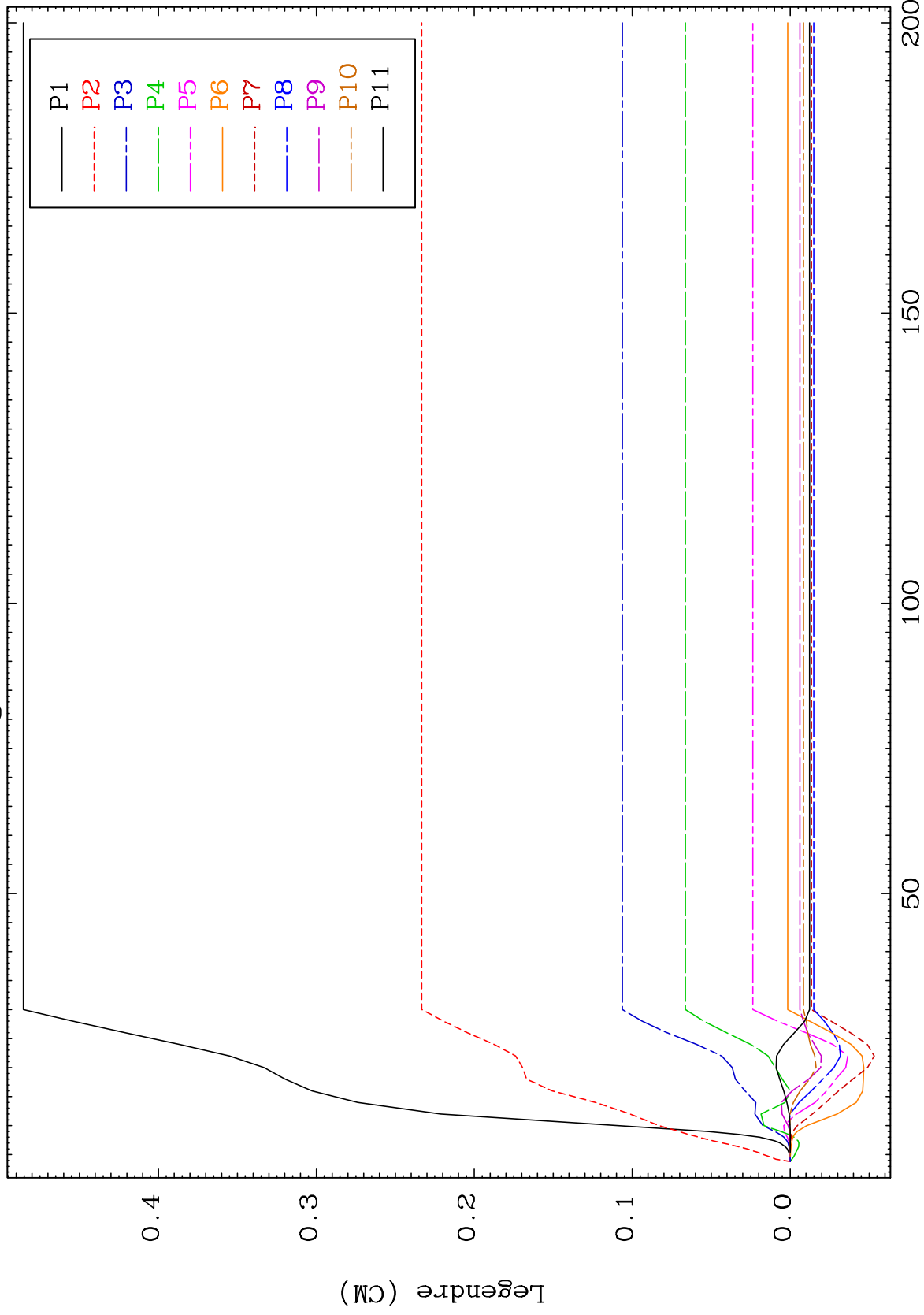
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



64

Incident Energy (MeV)

28-Ni-66

200

150

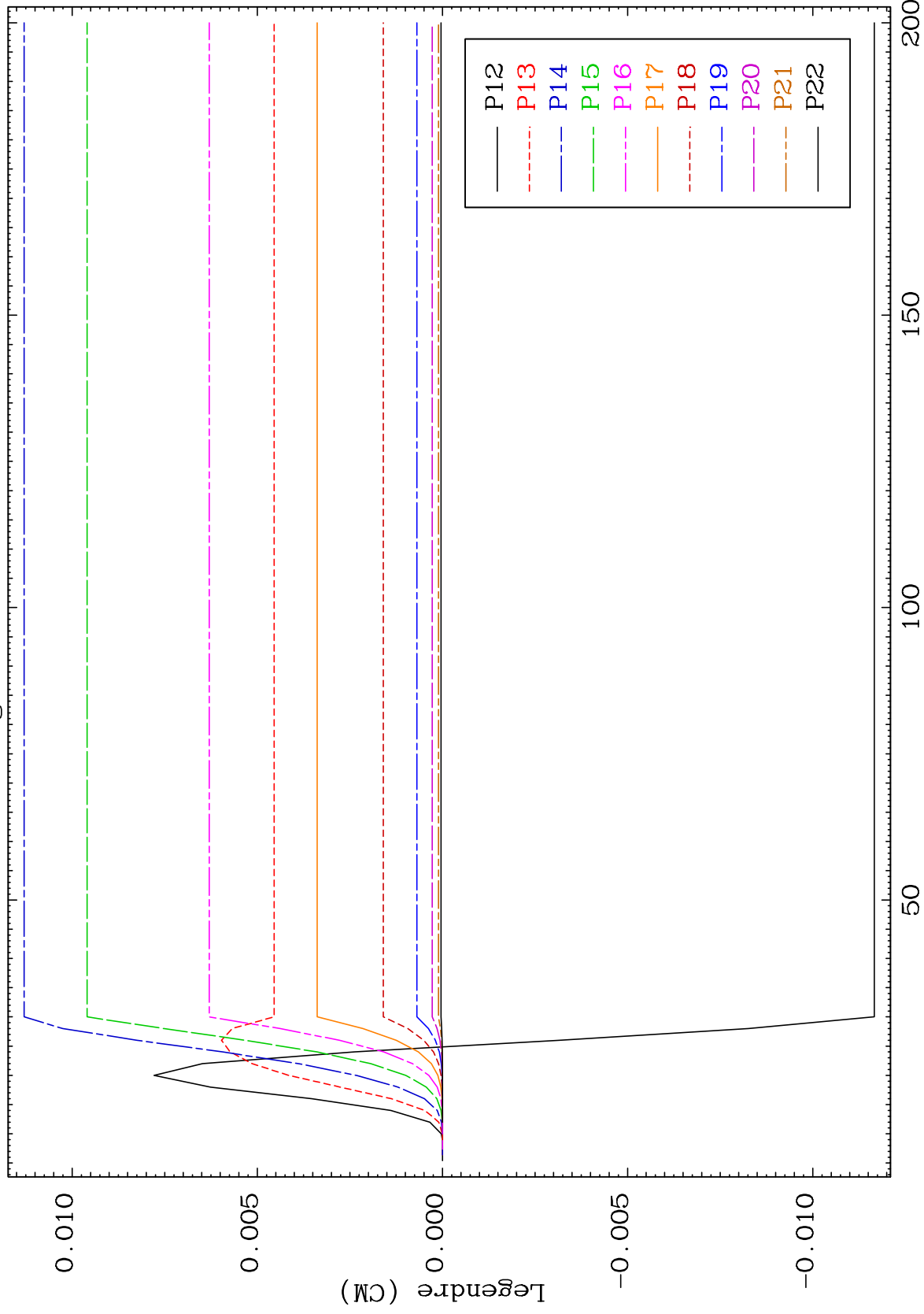
100

50

MAT 2849

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

28-Ni-66



65

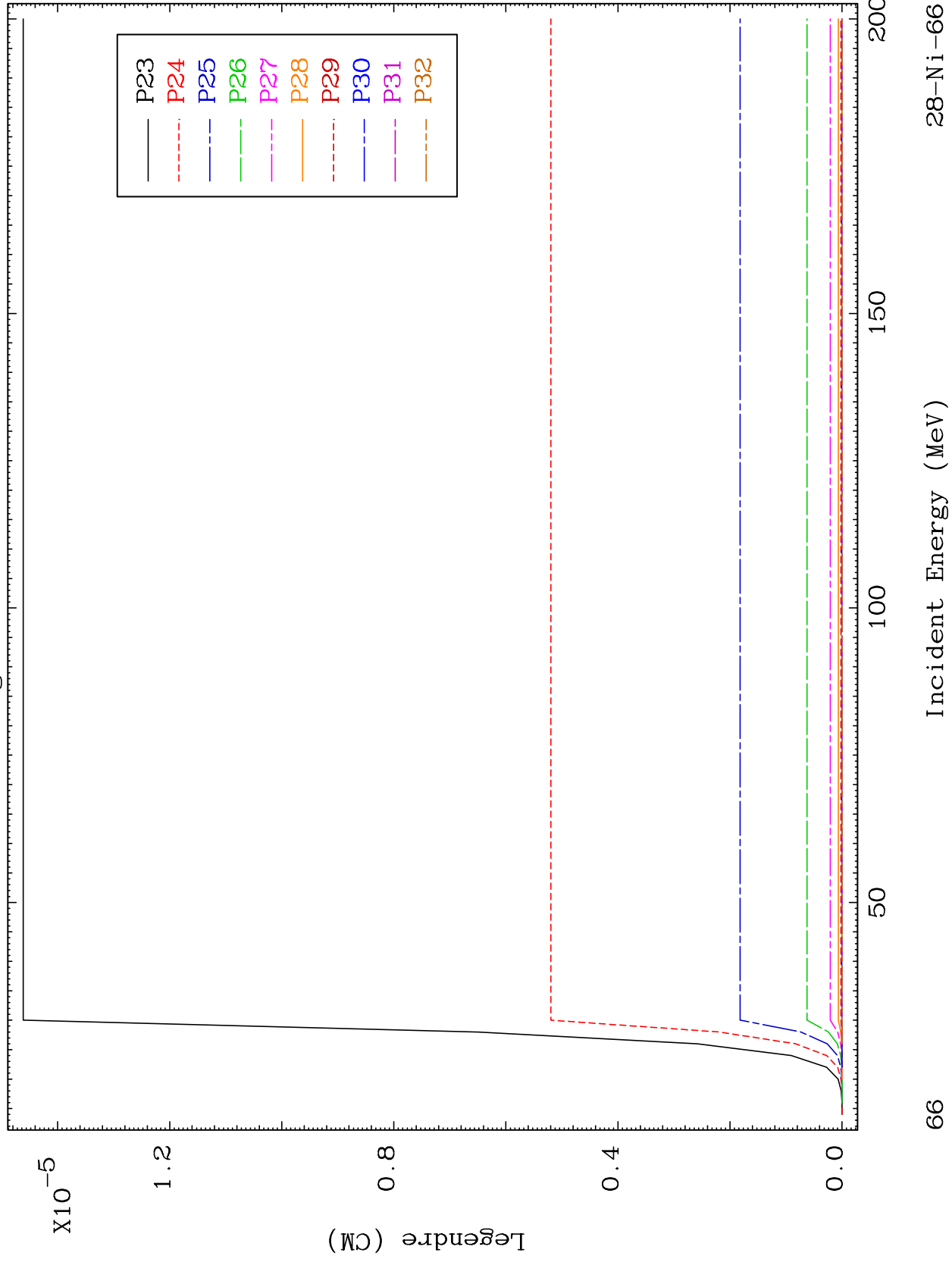
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66

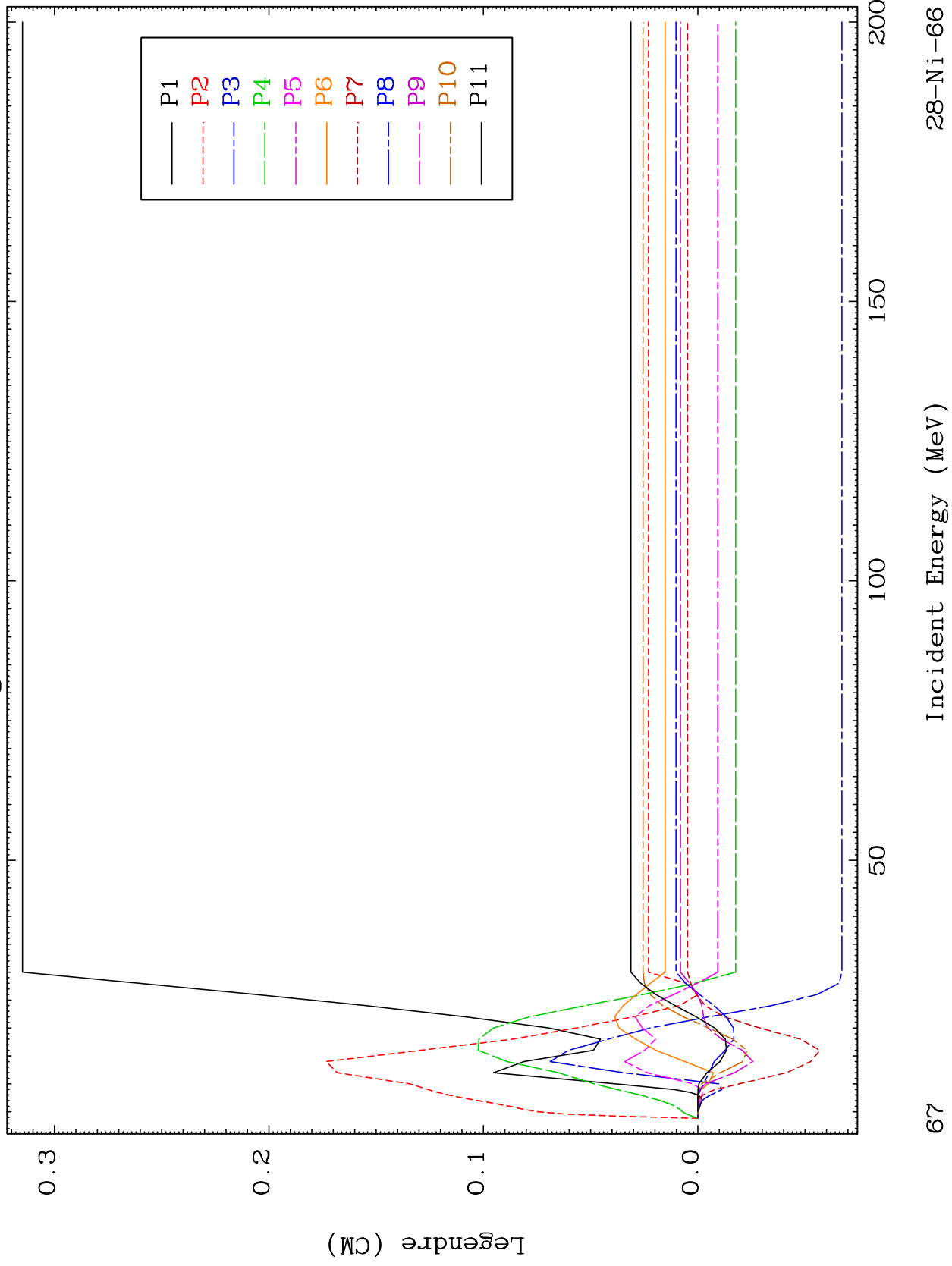


66

MAT 2849

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

28-Ni-66



67

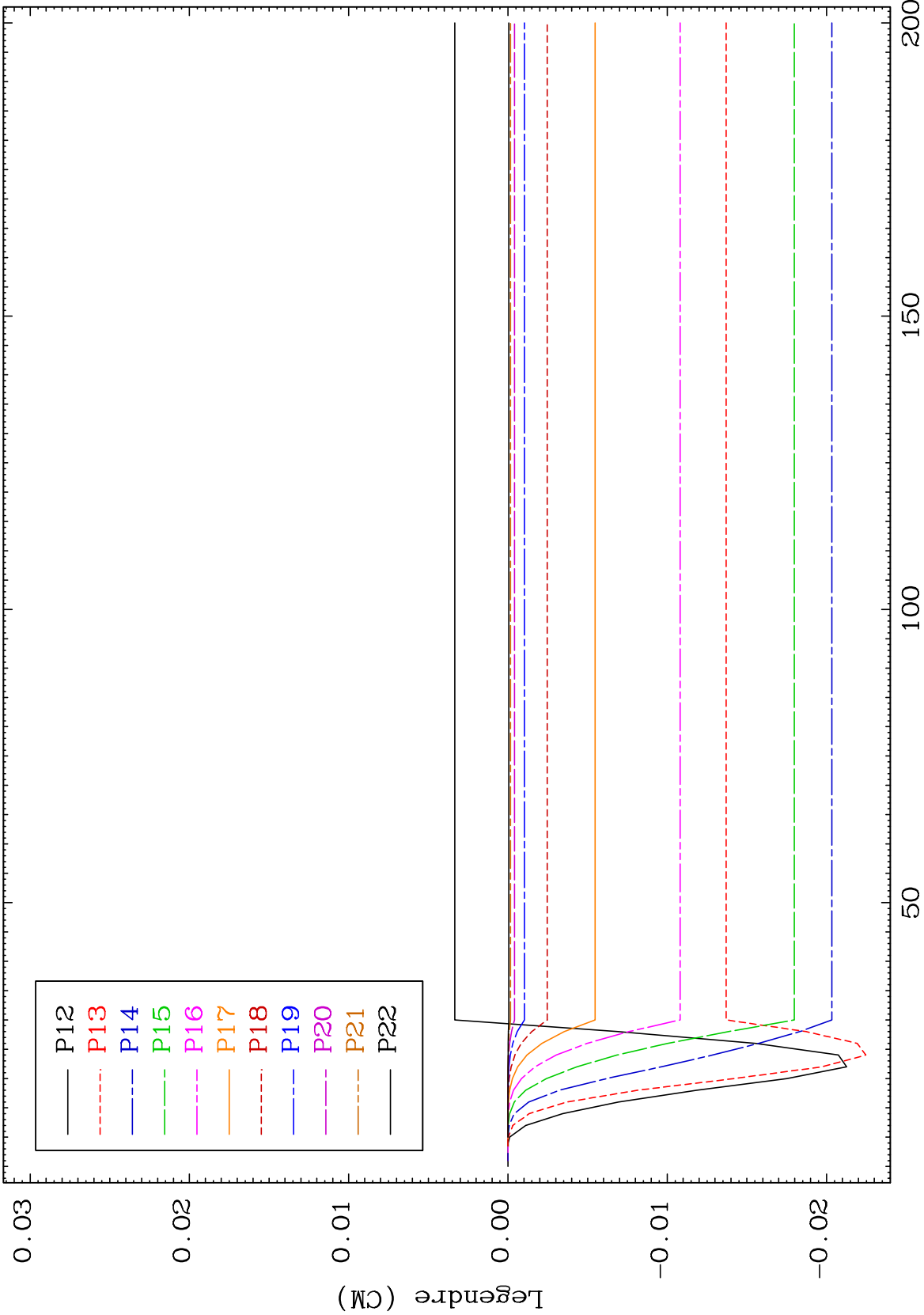
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



68

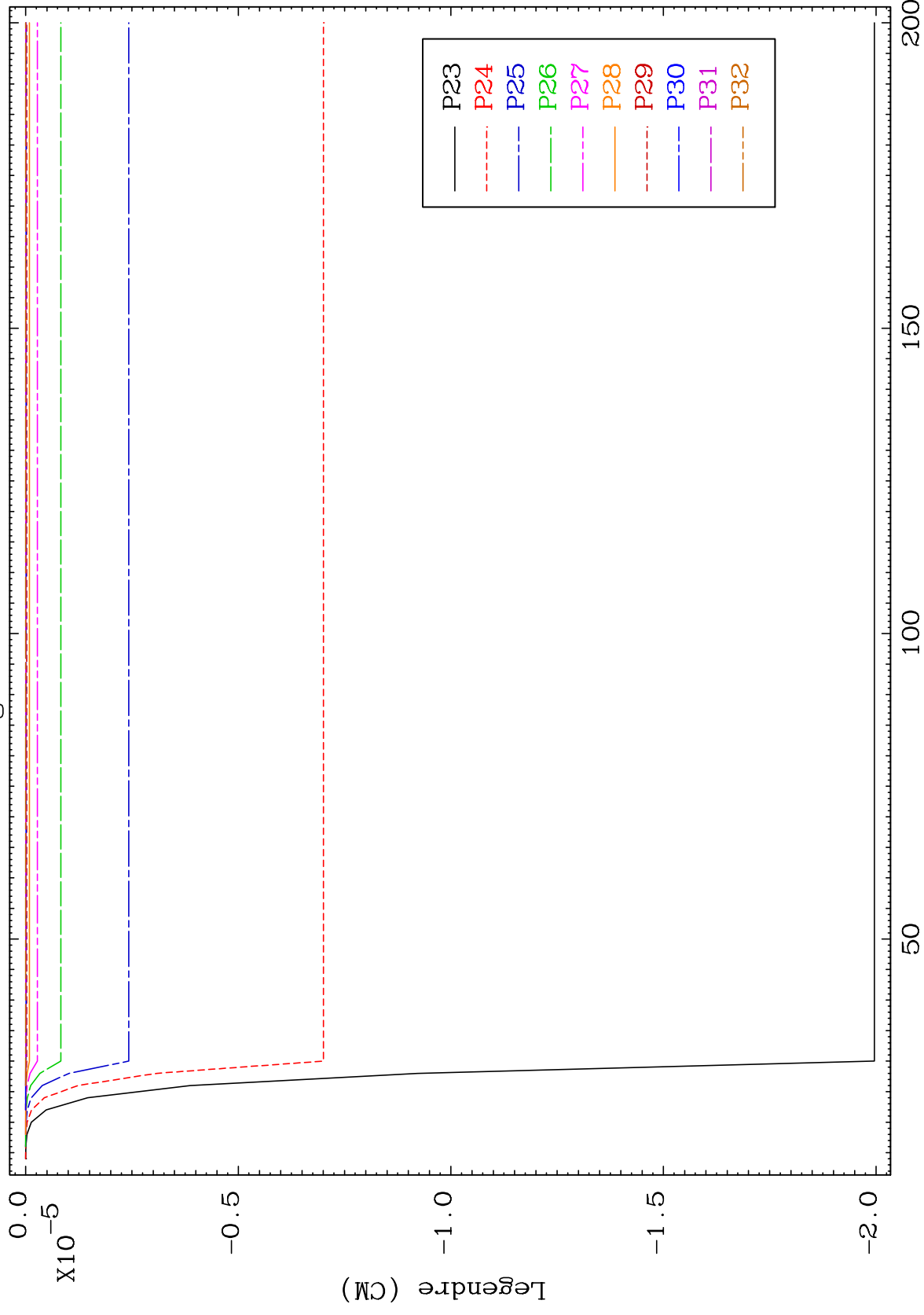
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



69

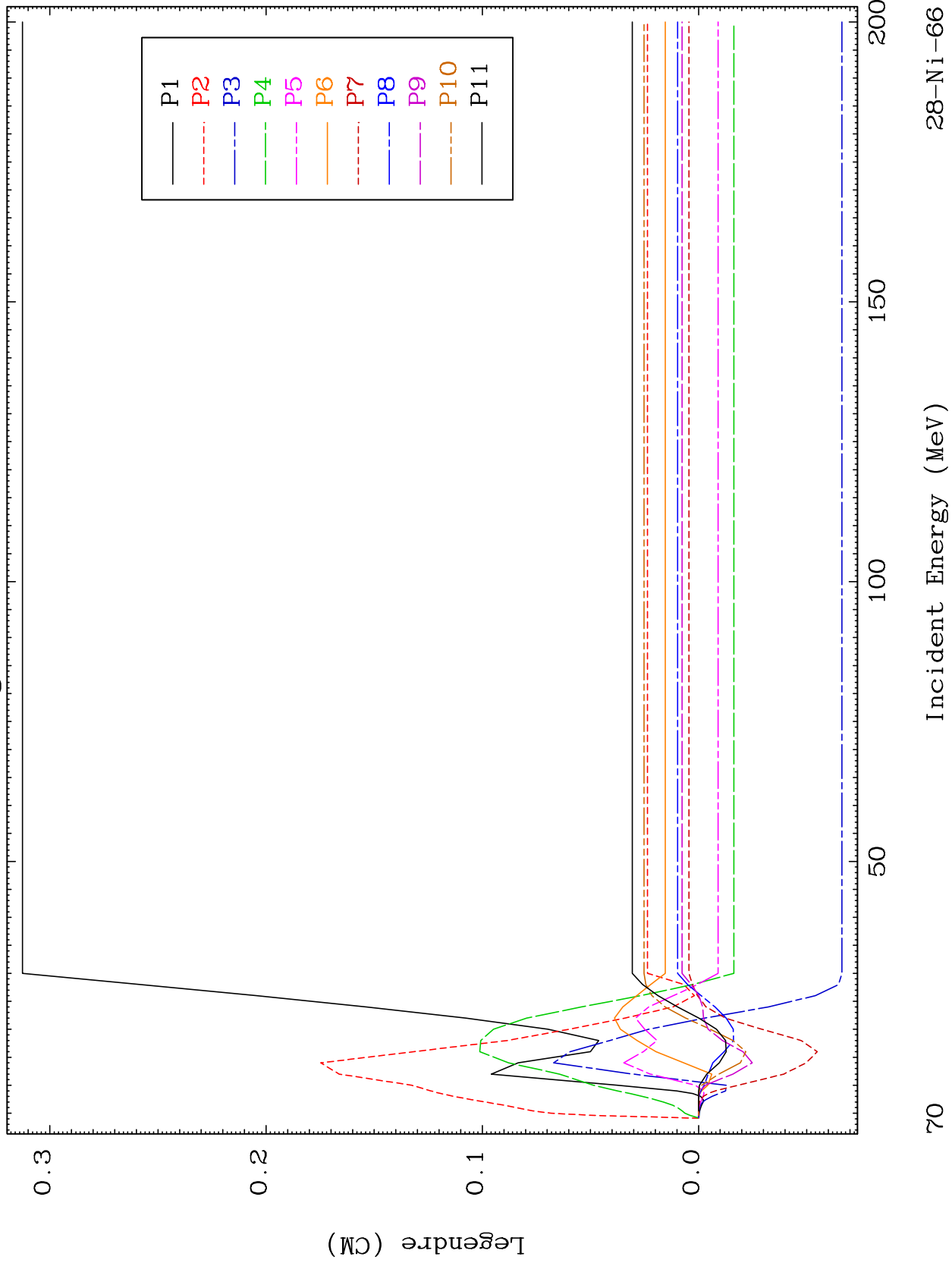
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

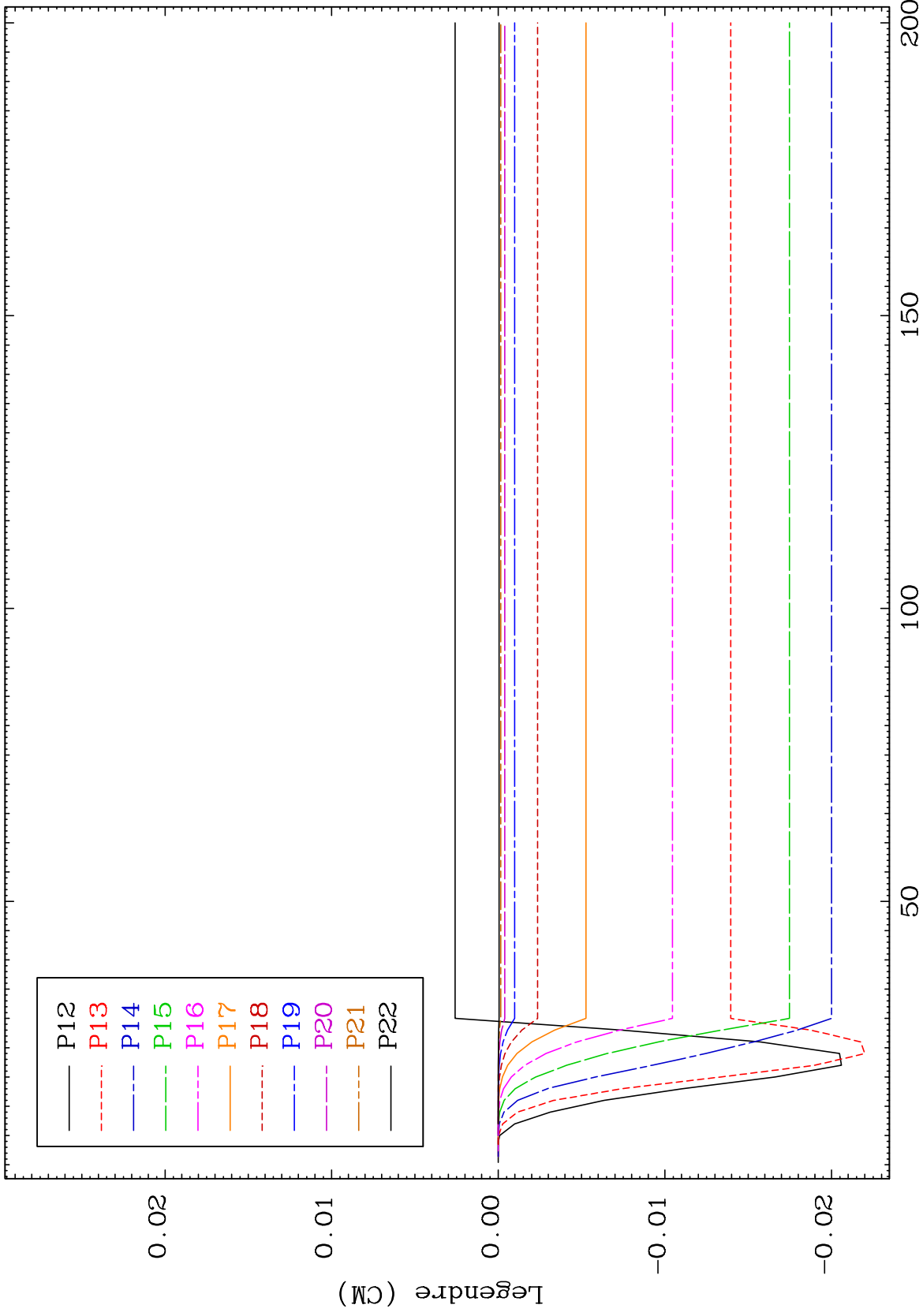
28-Ni-66

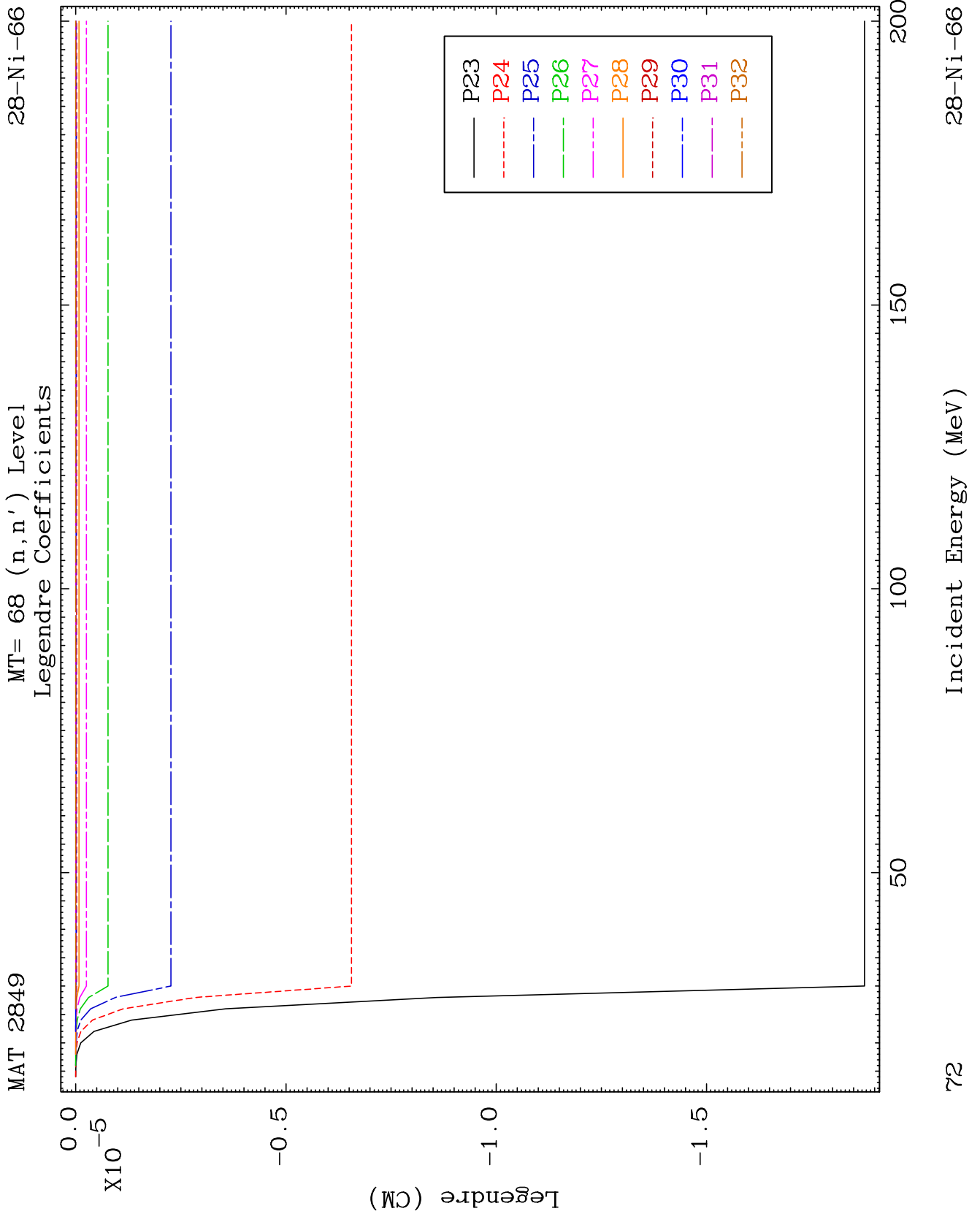


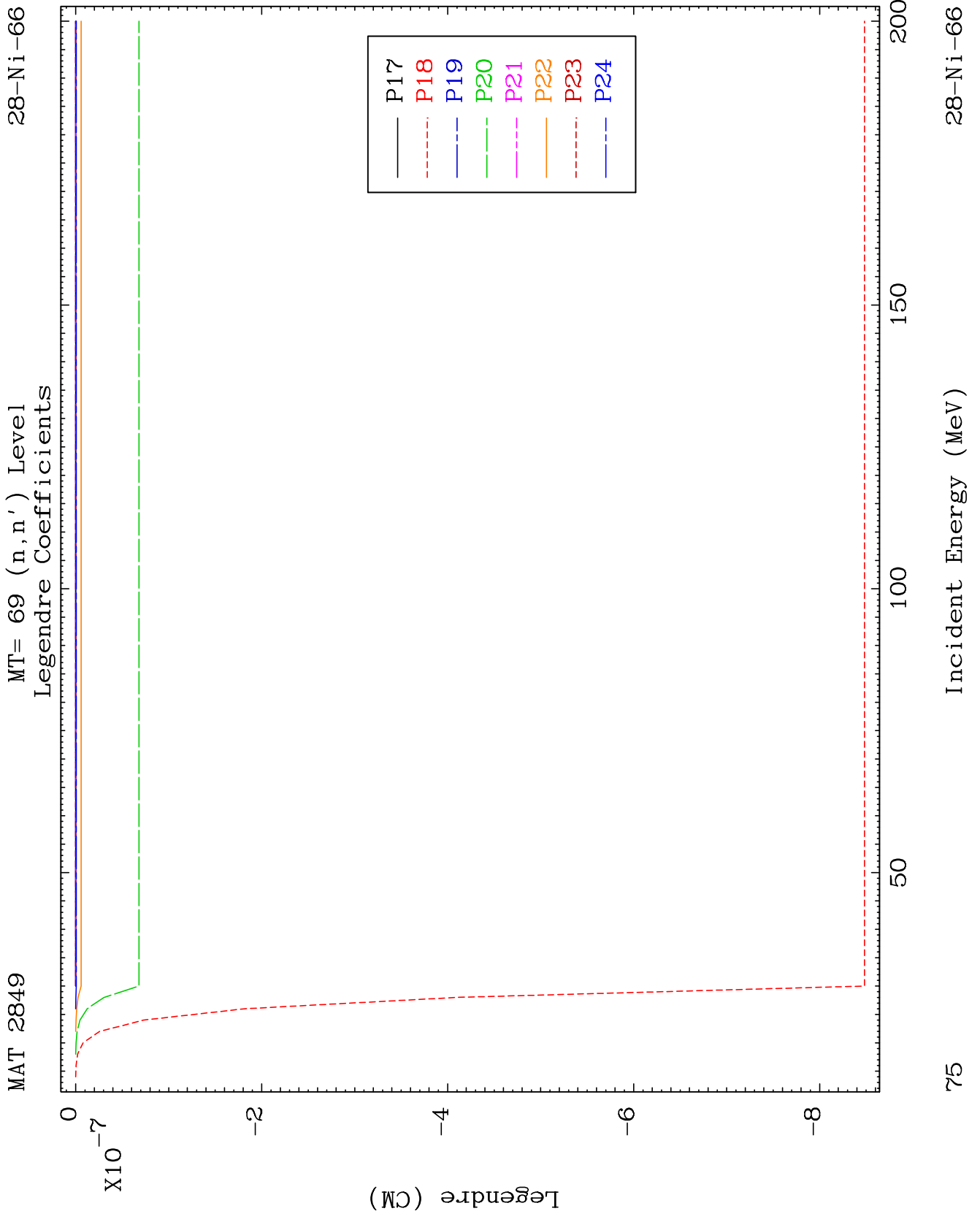
28-Ni-66

Incident Energy (MeV)

70



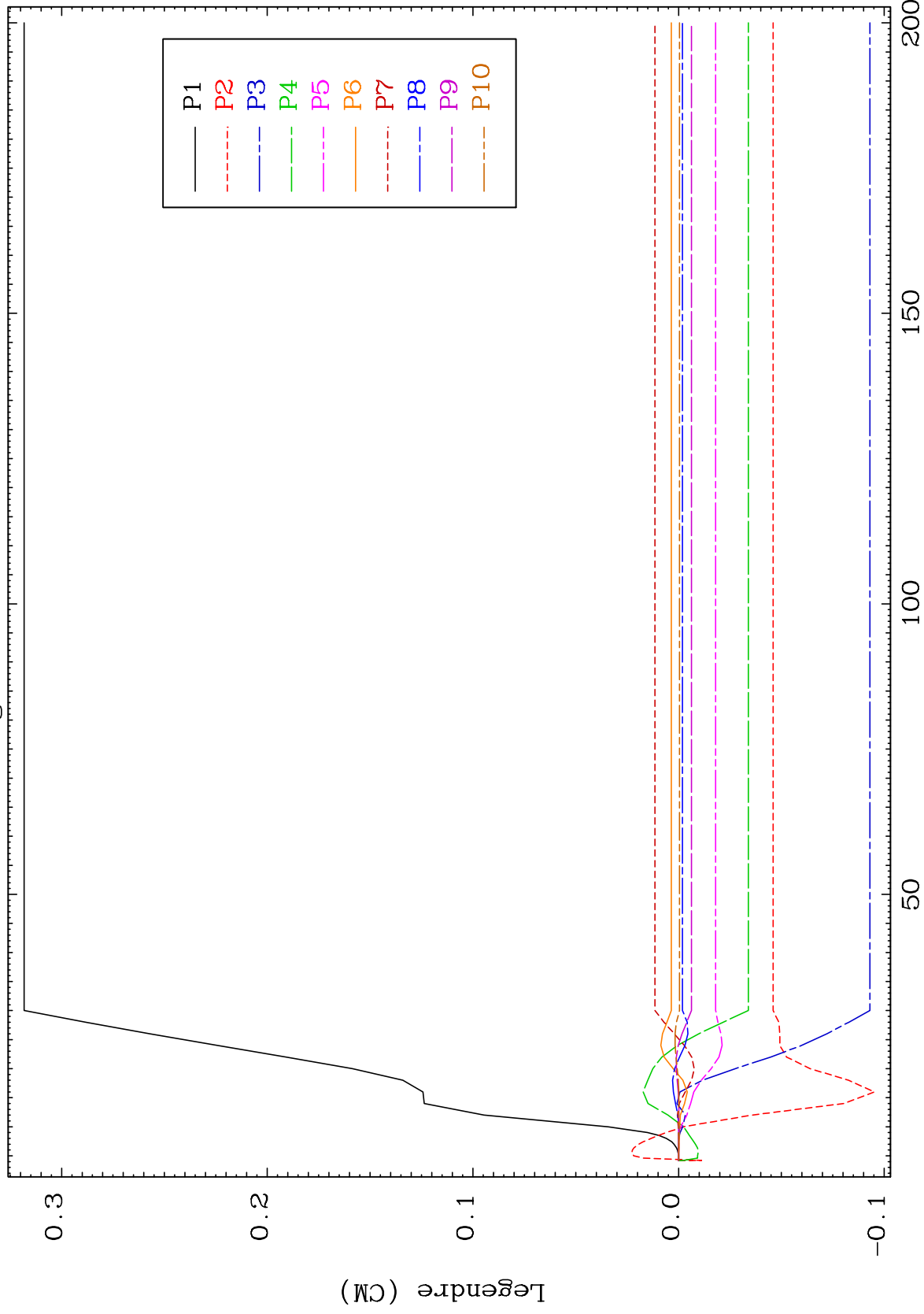




MAT 2849

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

28-Ni-66



76

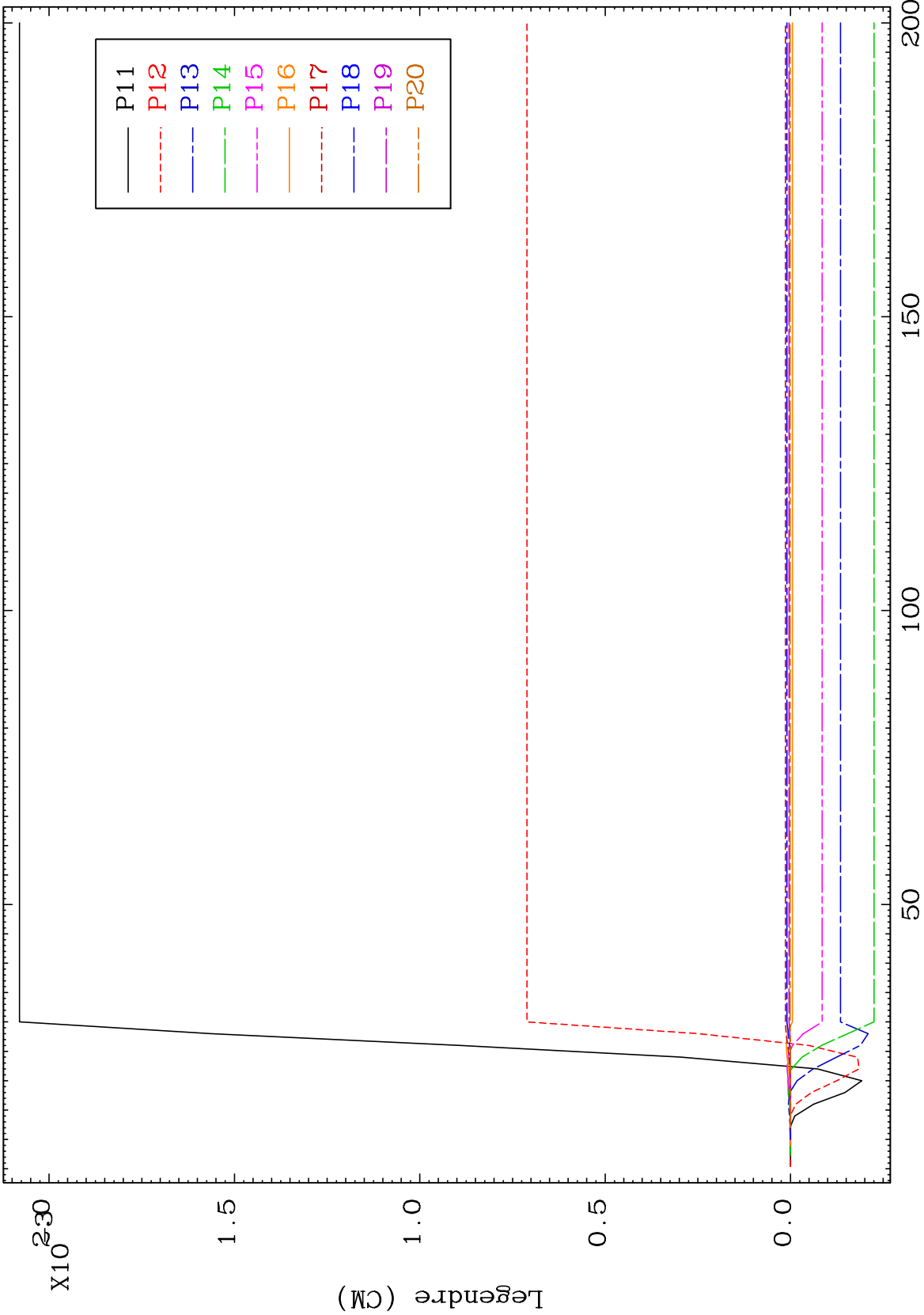
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



77

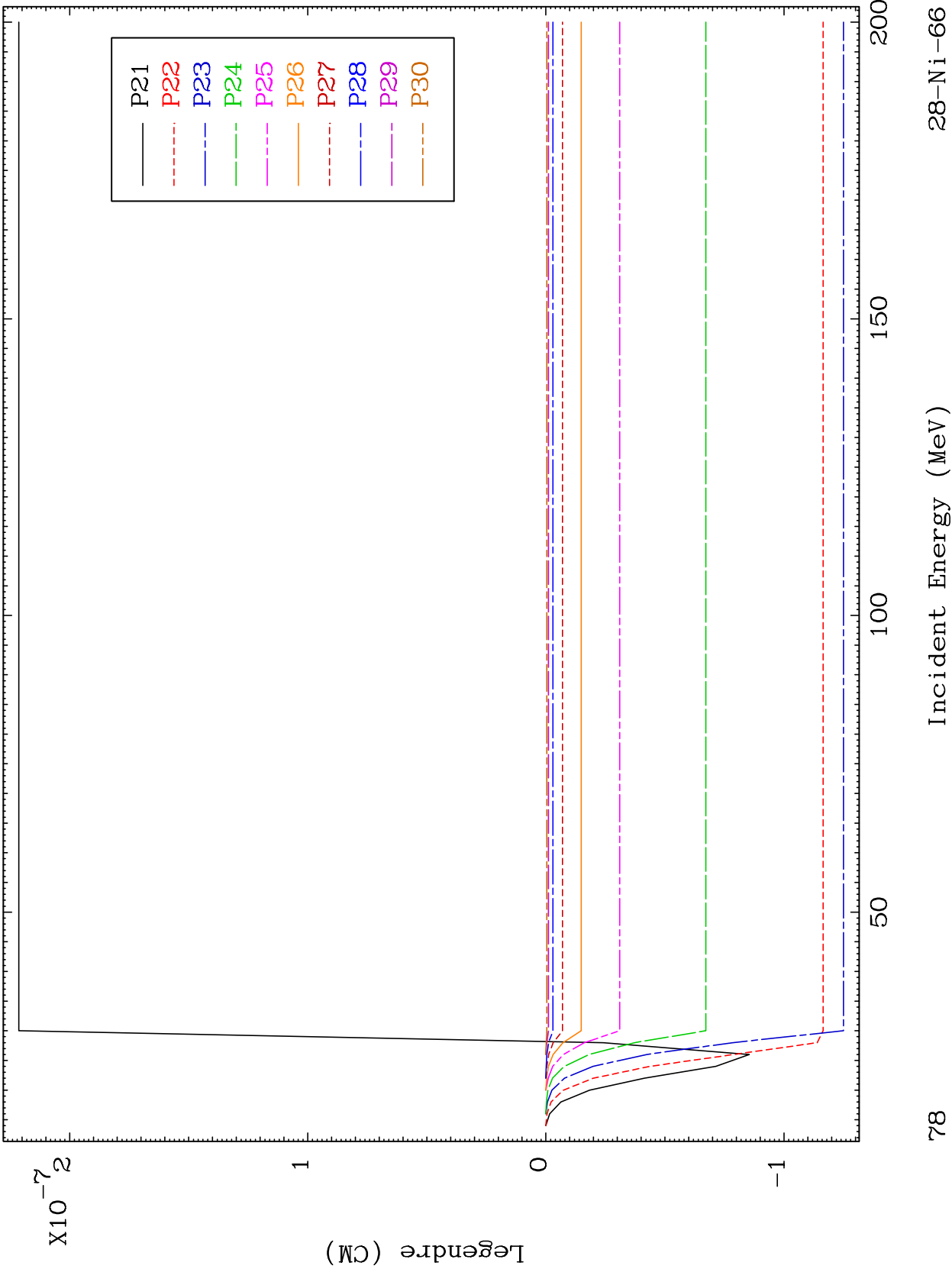
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

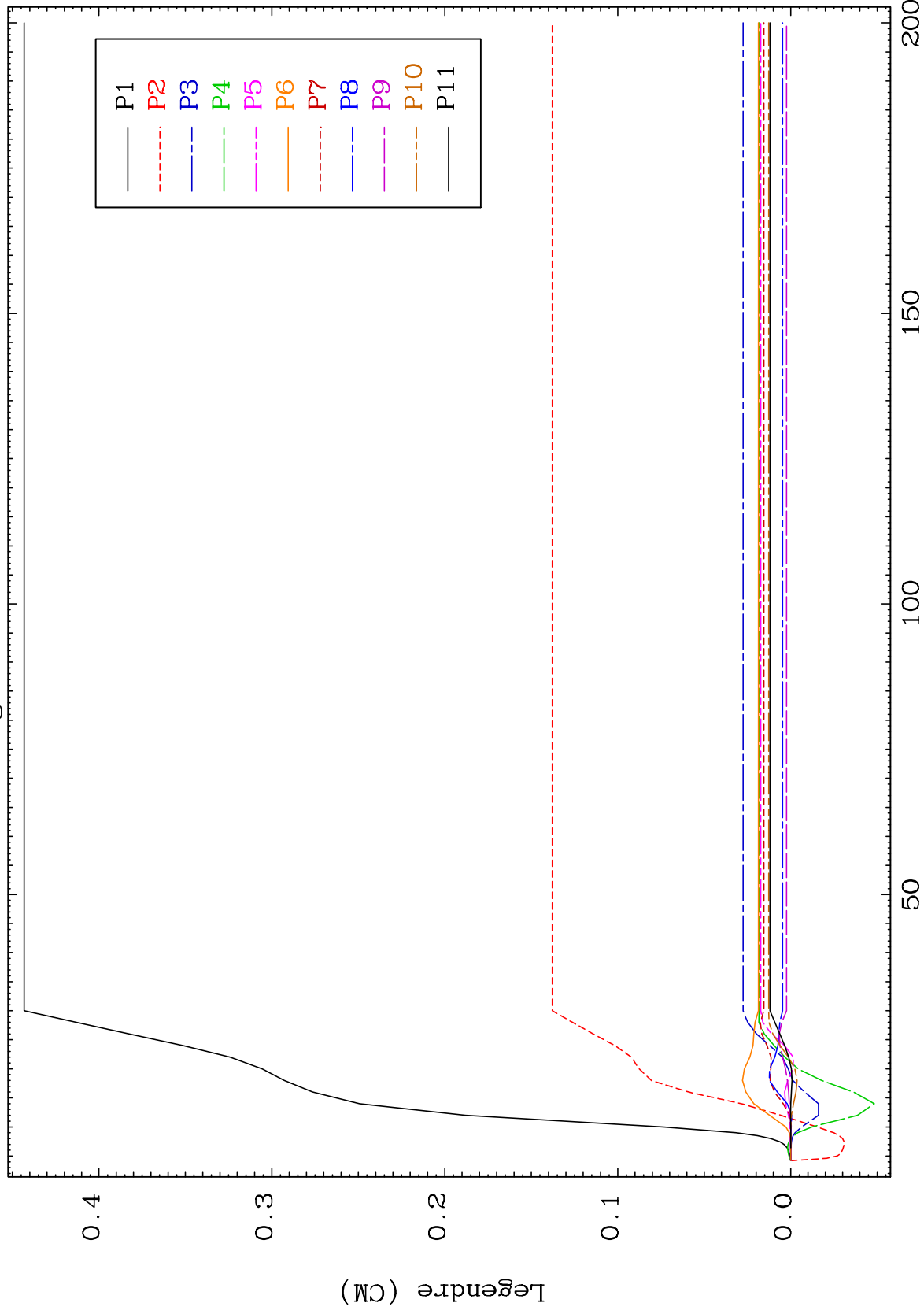
28-Ni-66



MAT 2849

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

28-Ni-66



79

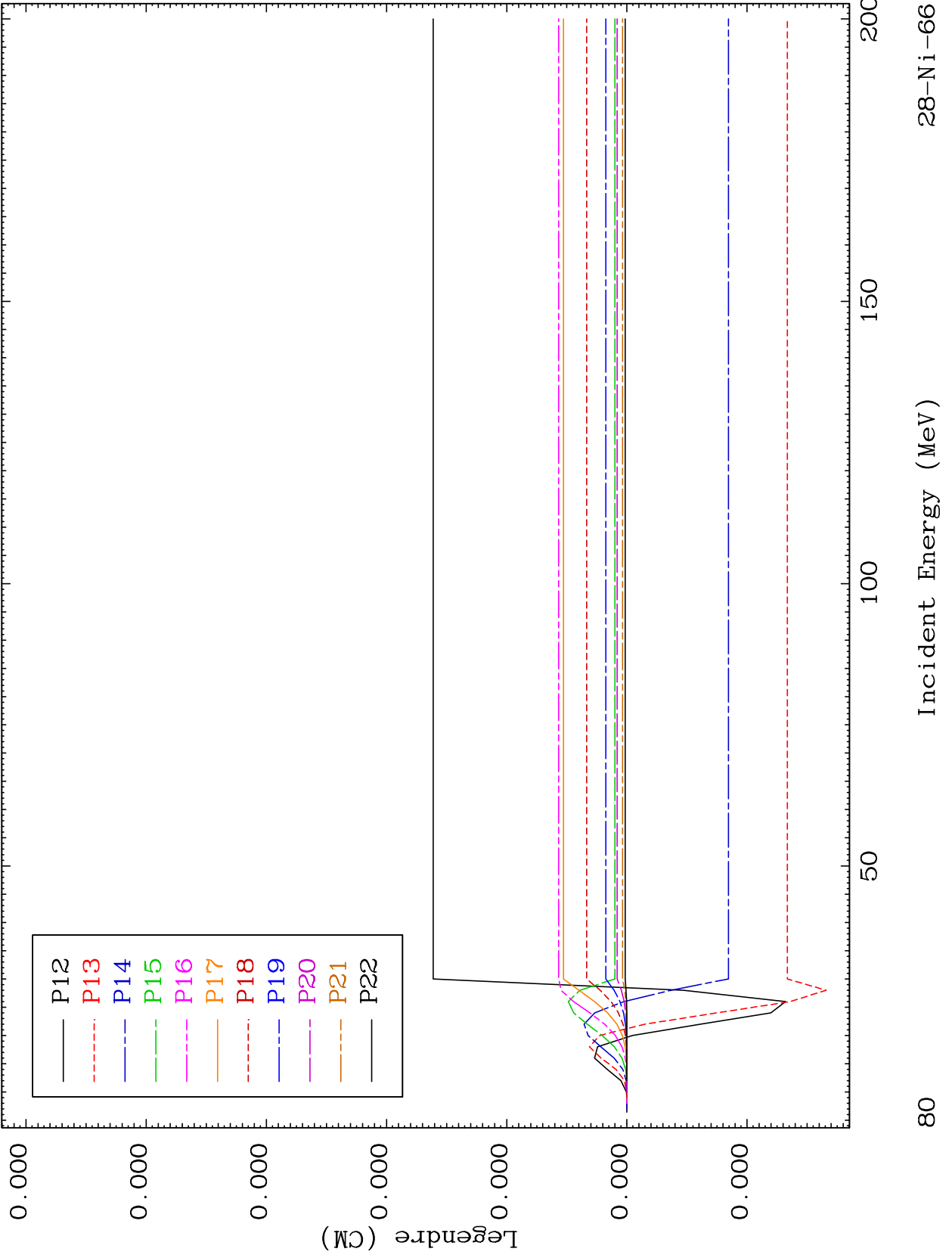
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



80

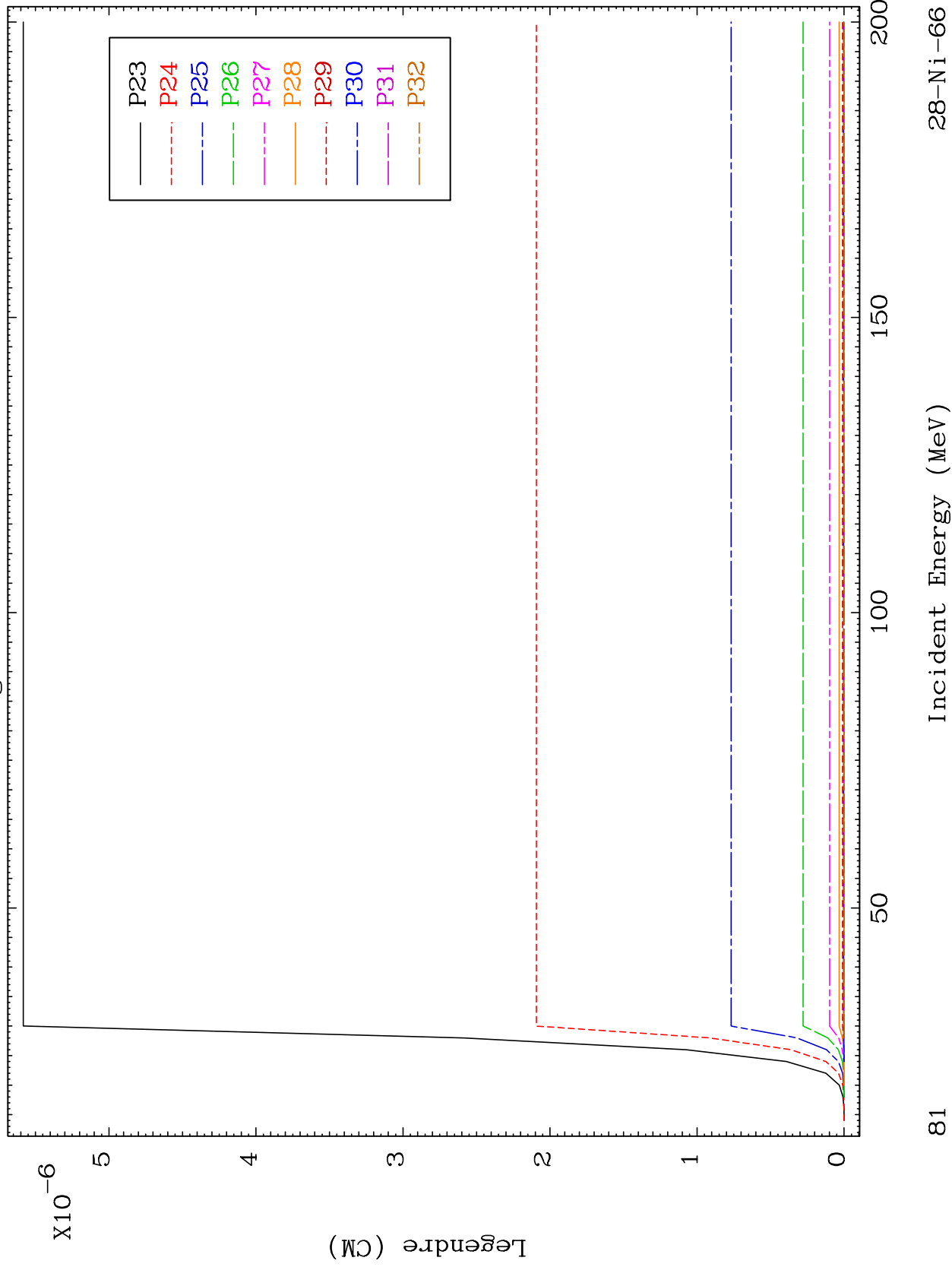
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



81

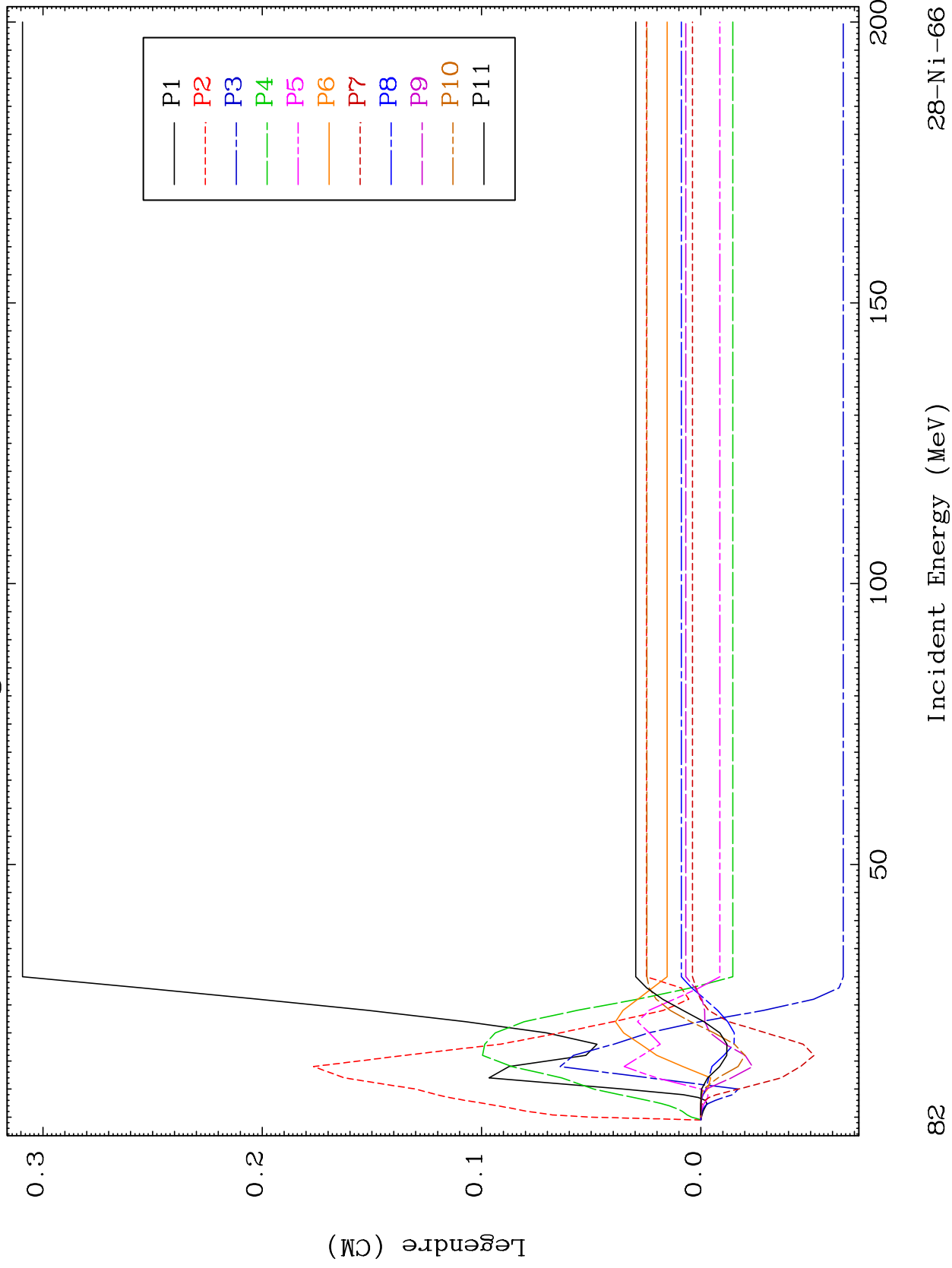
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



82

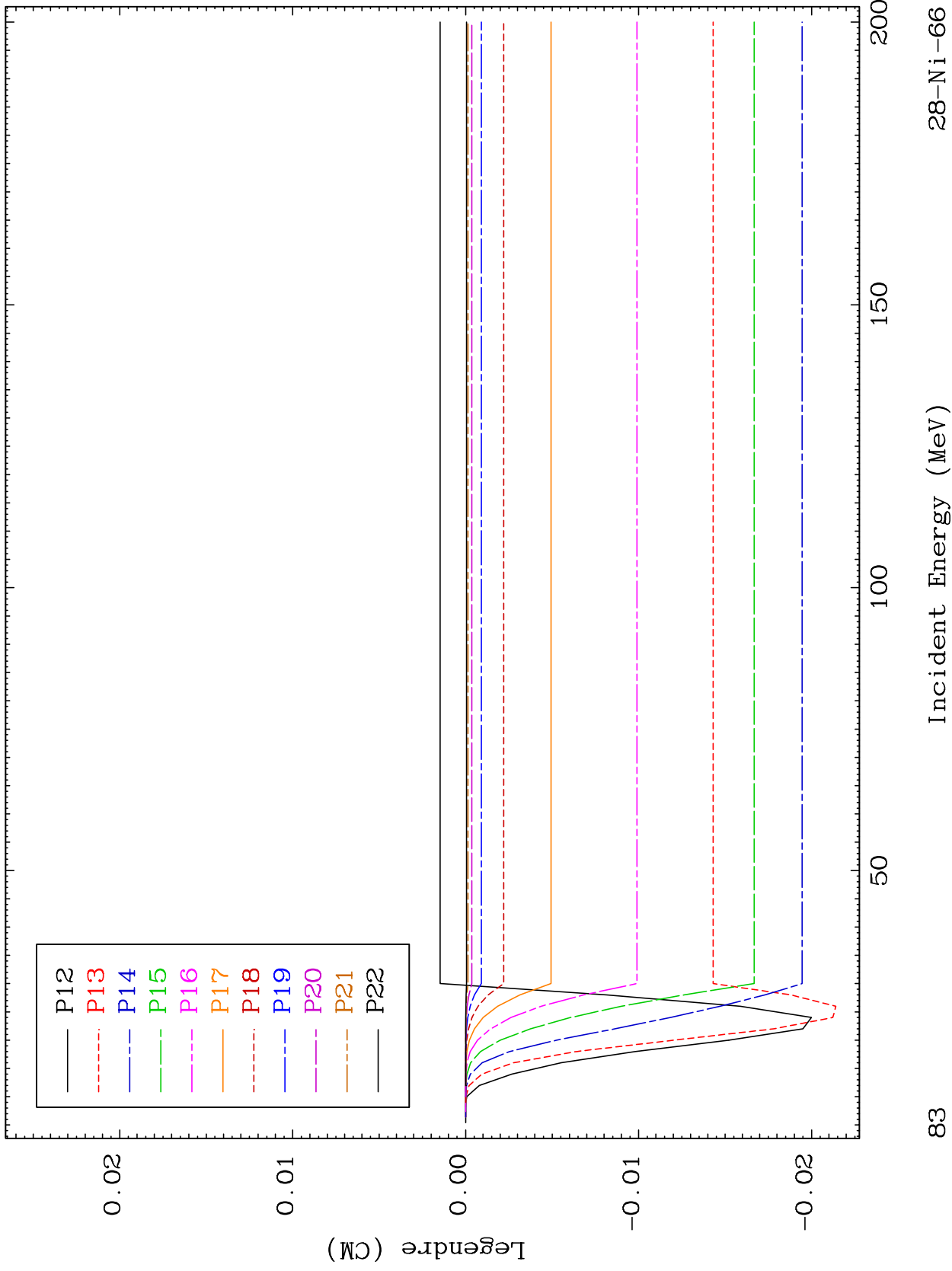
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

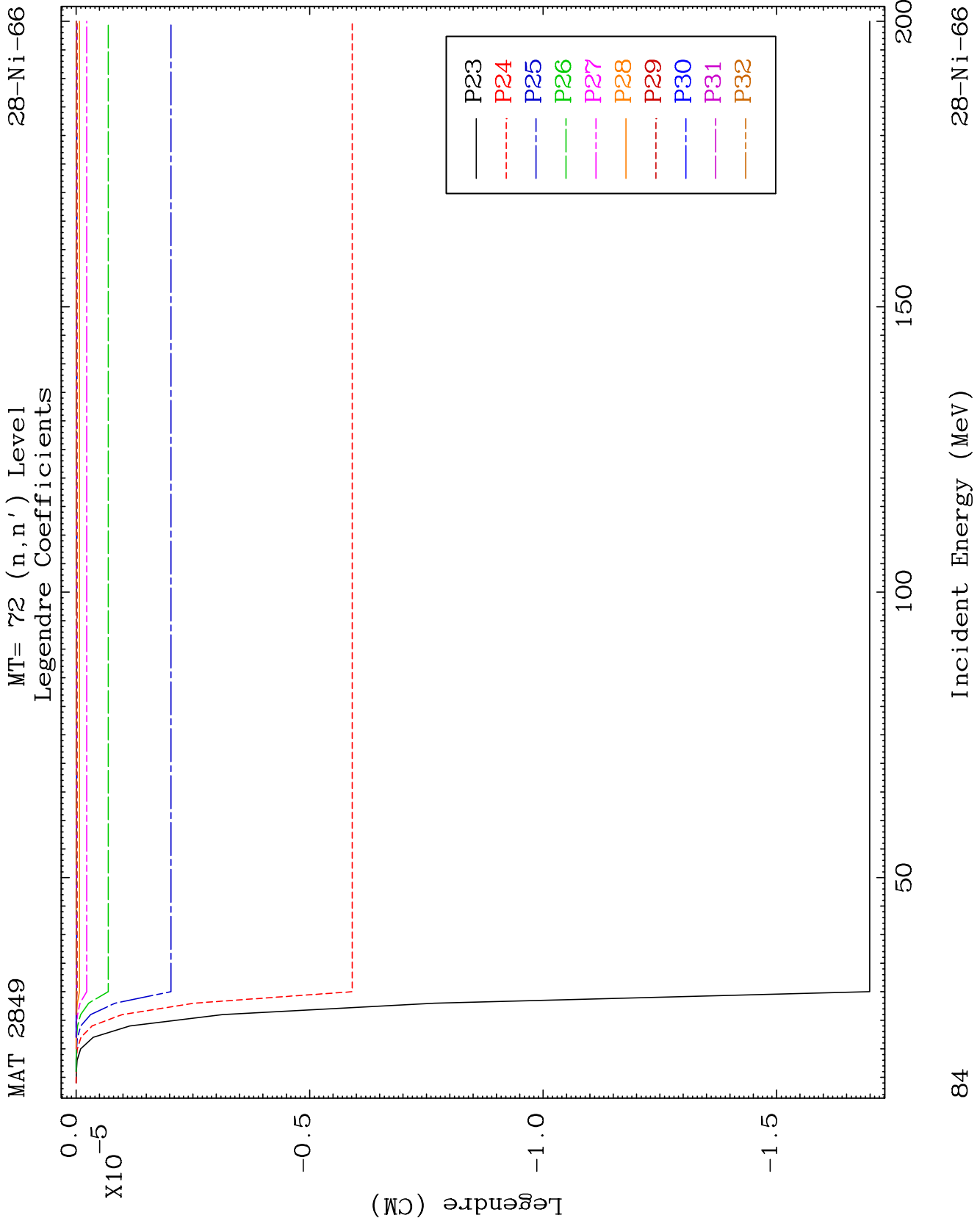
28-Ni-66

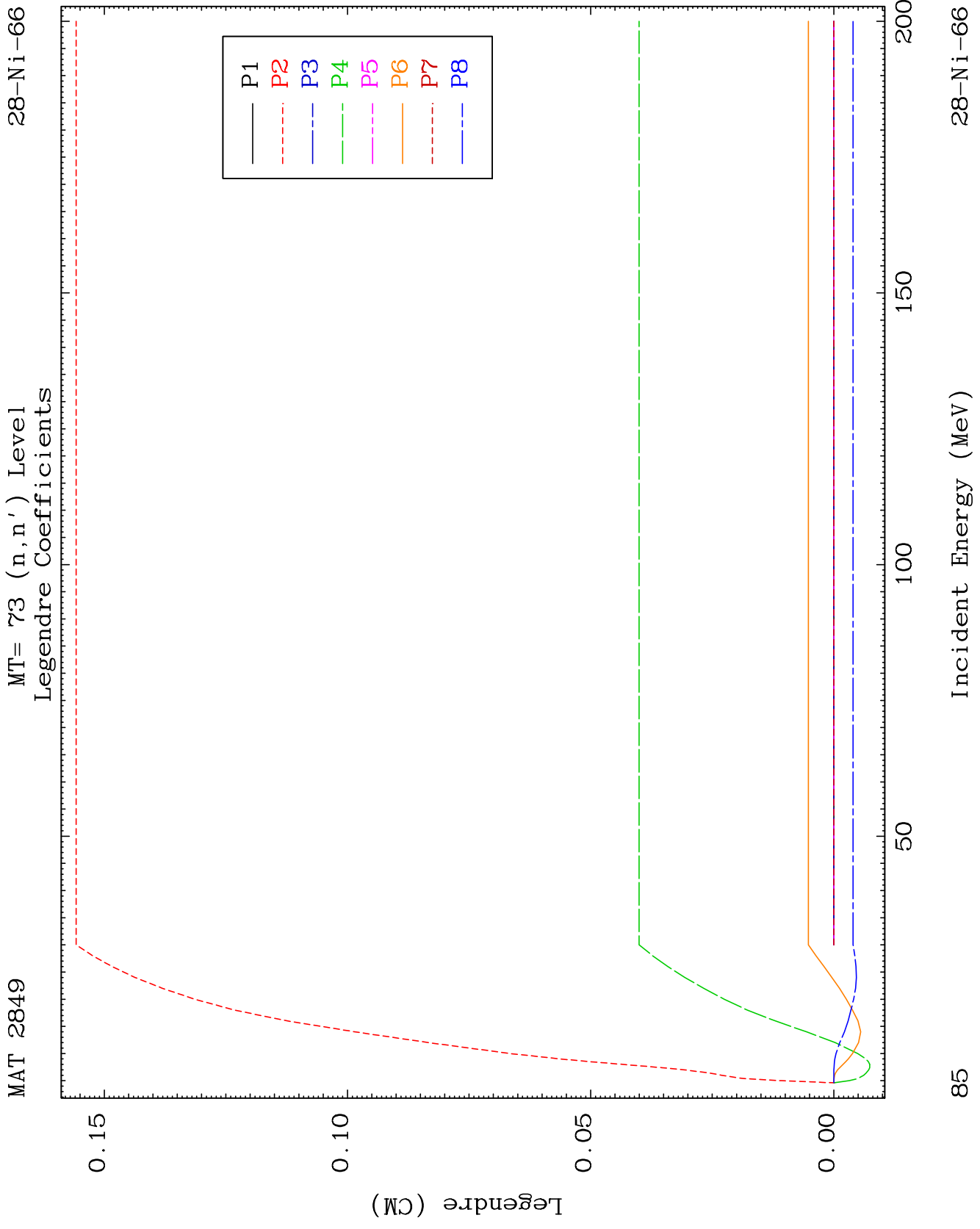


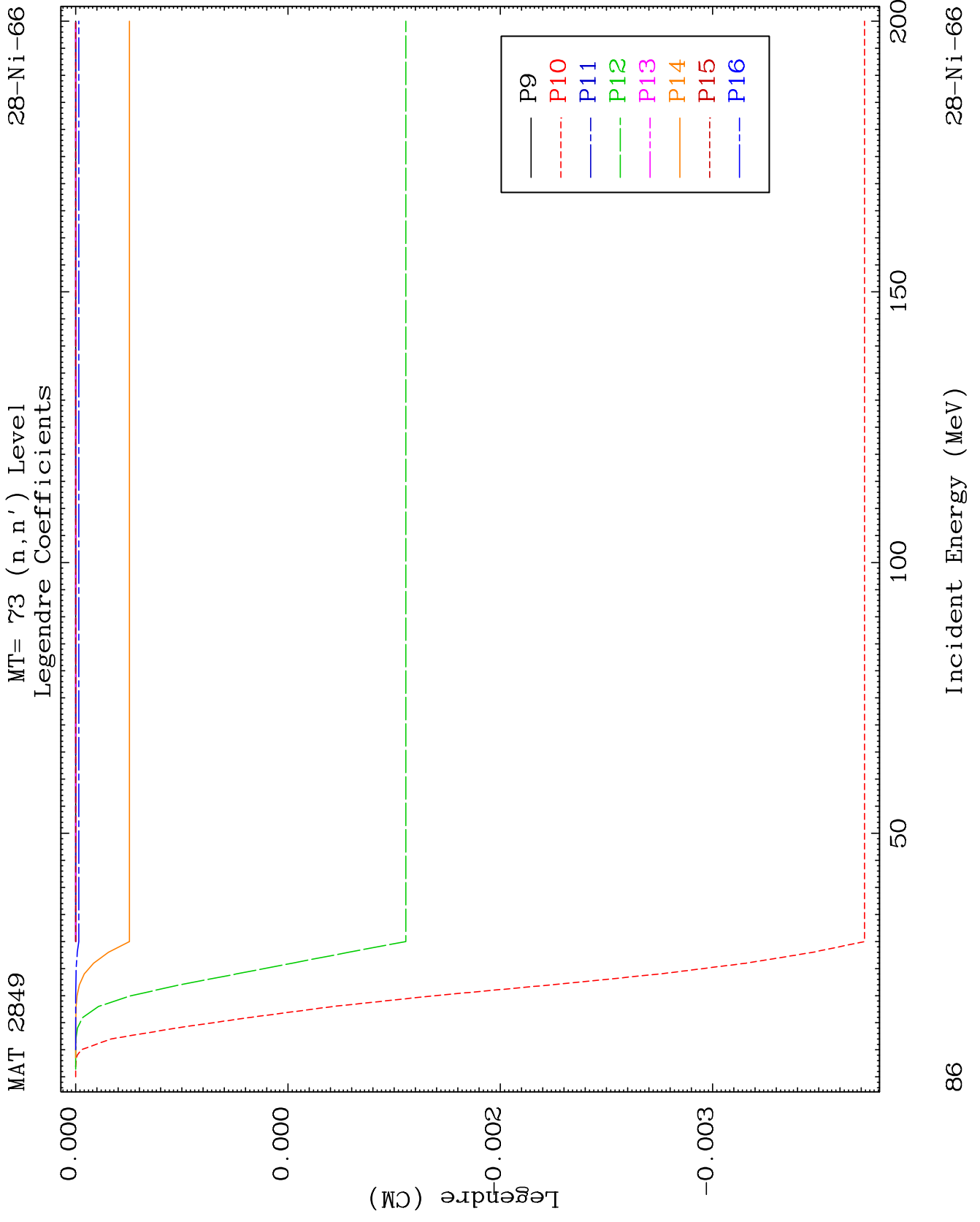
83

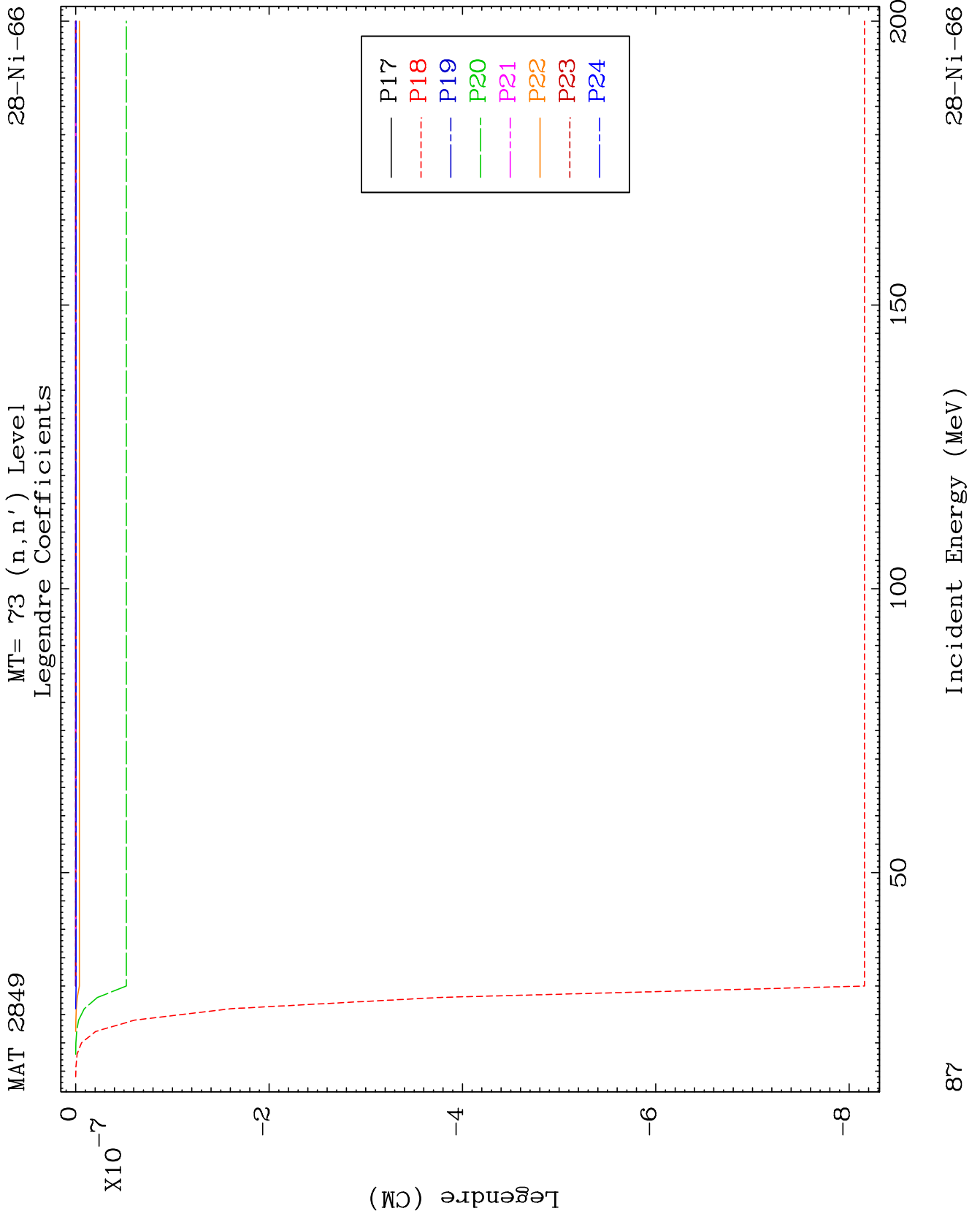
Incident Energy (MeV)

28-Ni-66





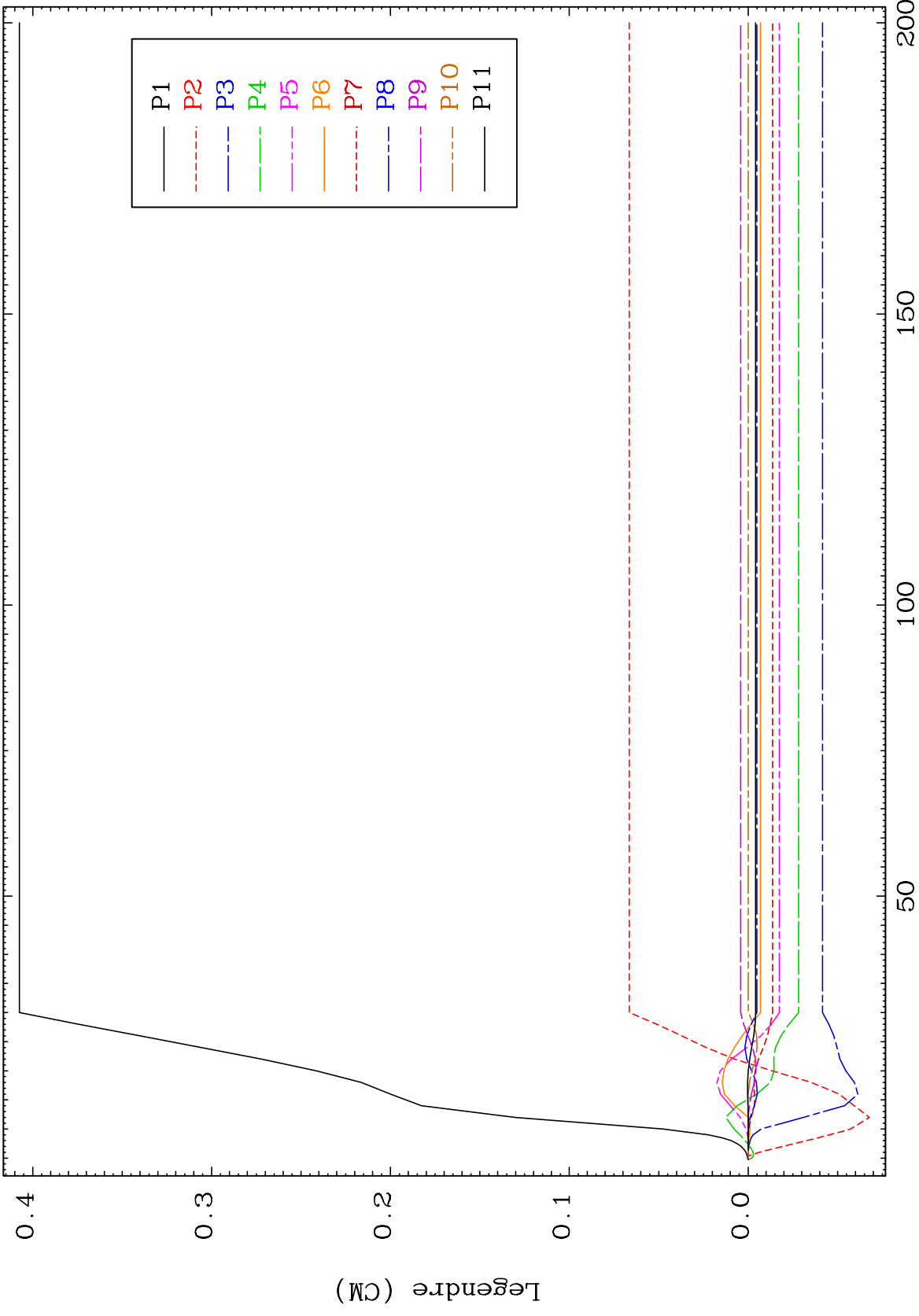




MAT 2849

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

28-Ni-66



88

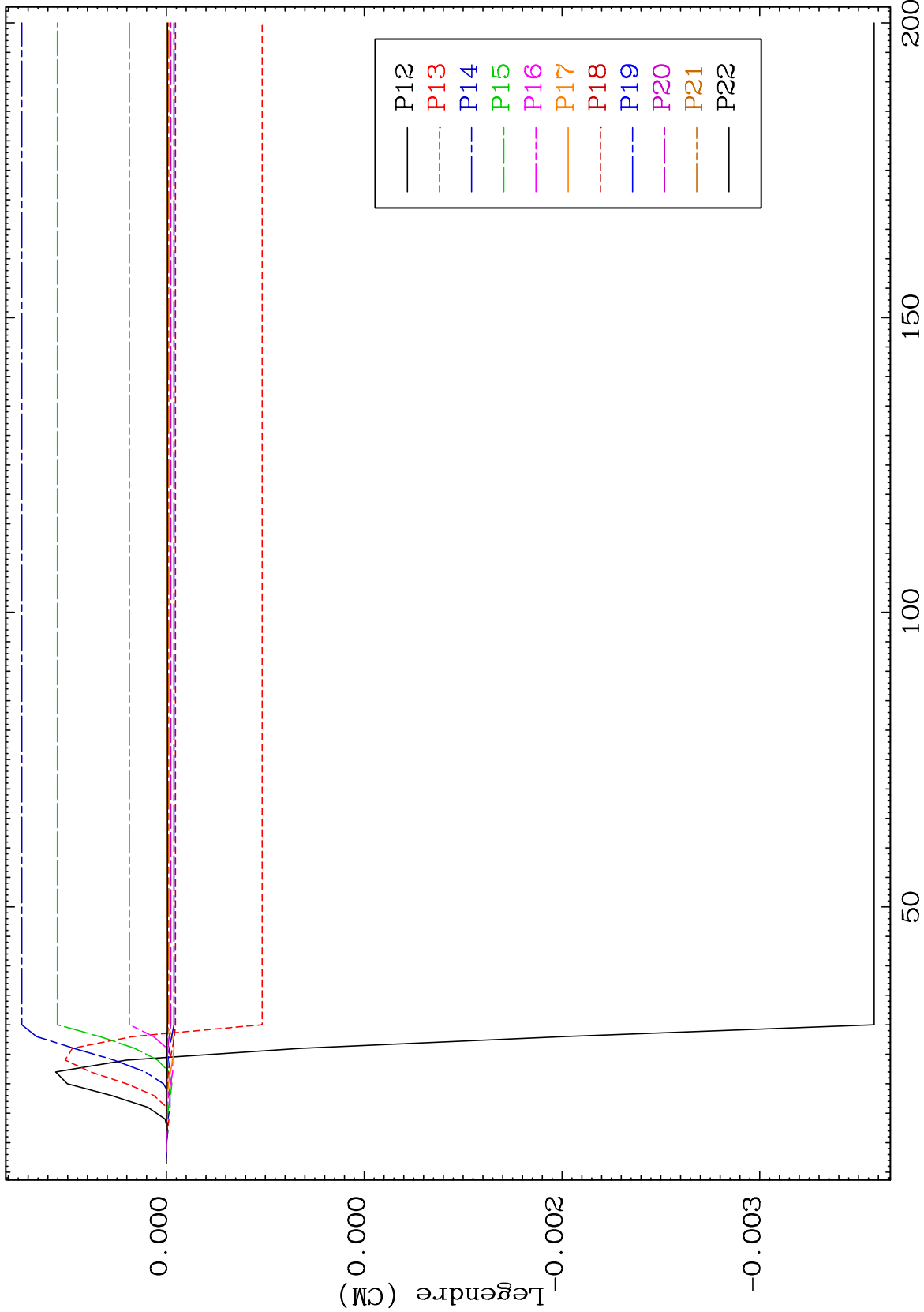
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

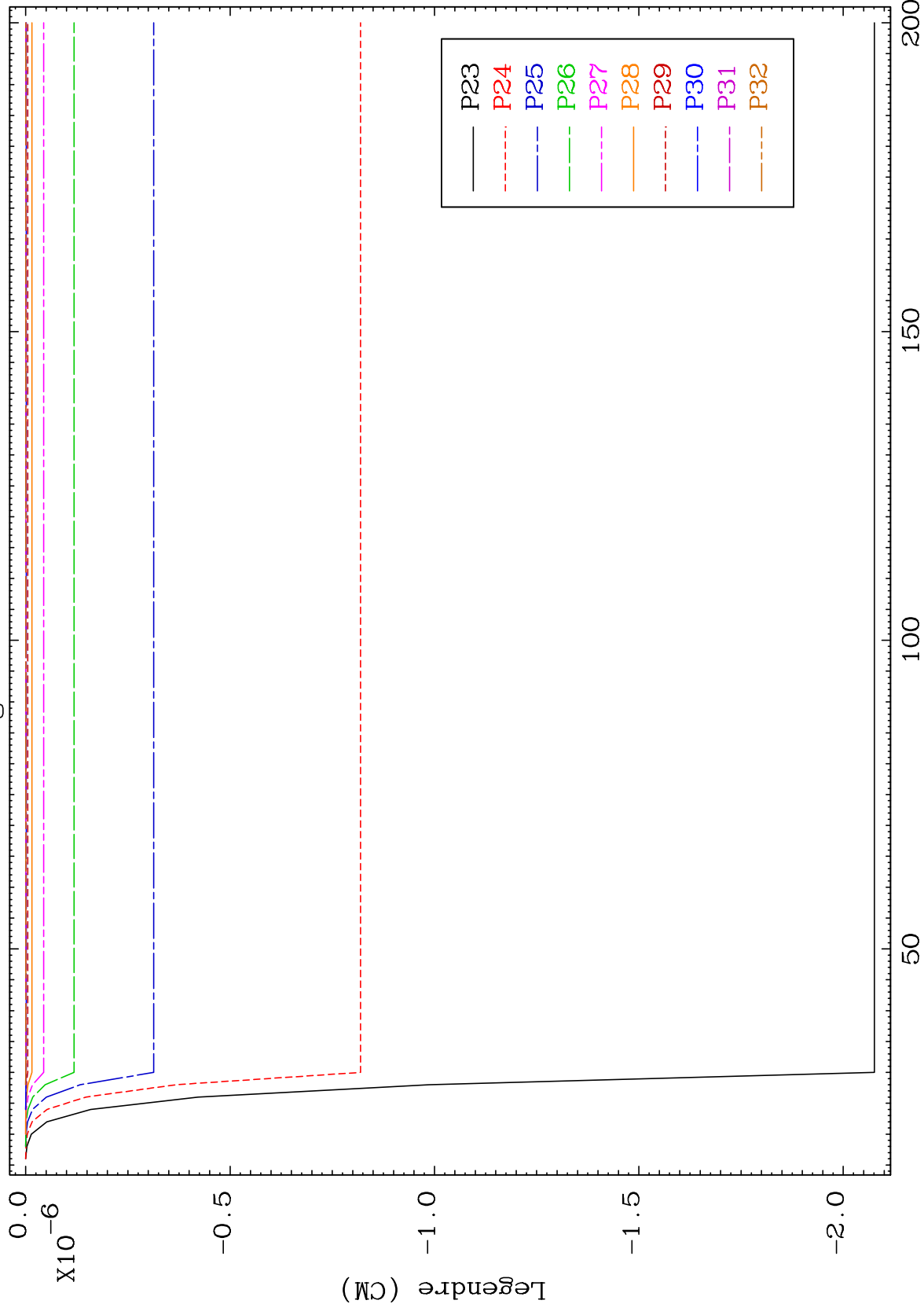
28-Ni-66



MAT 2849

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

28-Ni-66



90

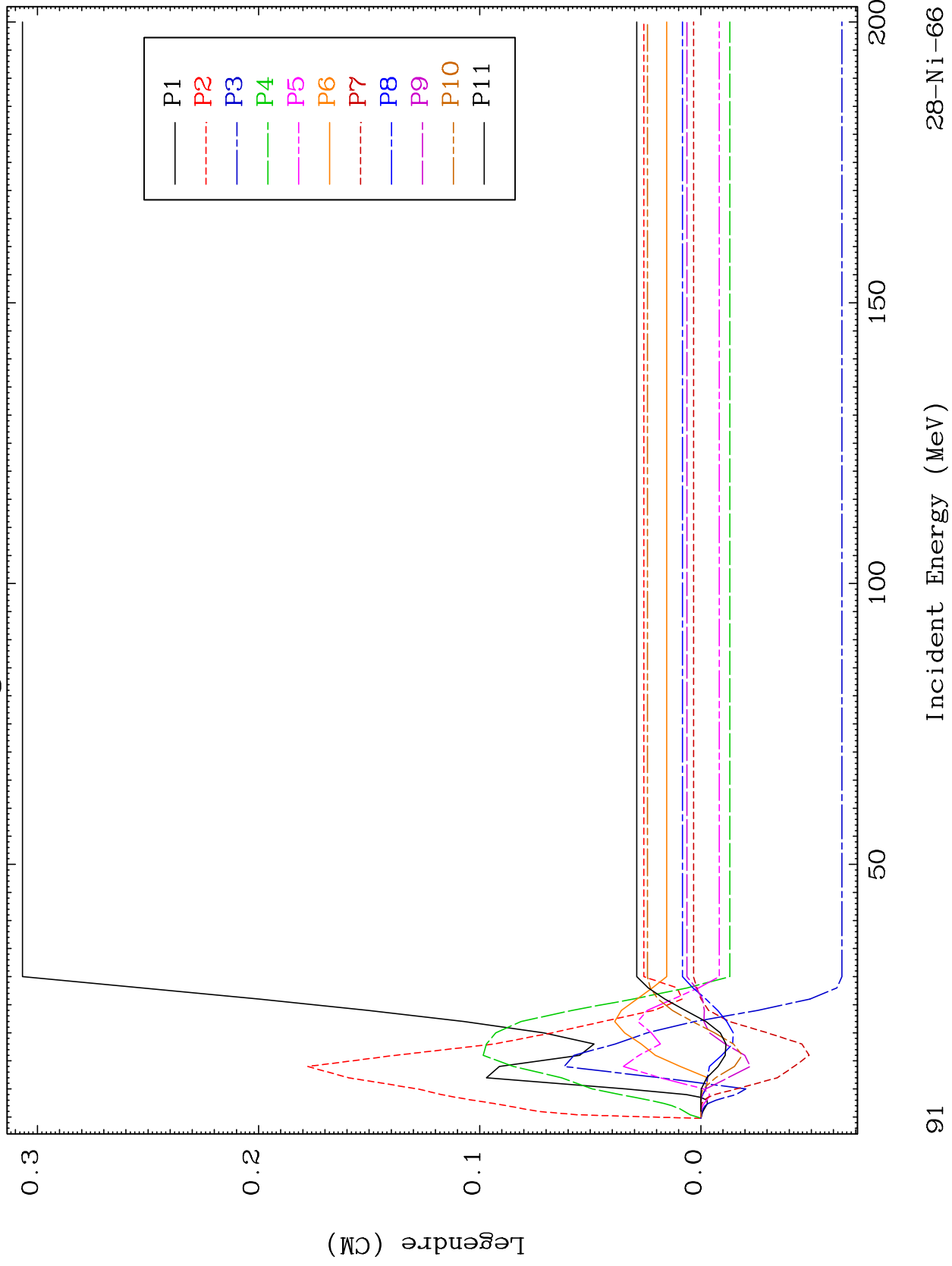
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

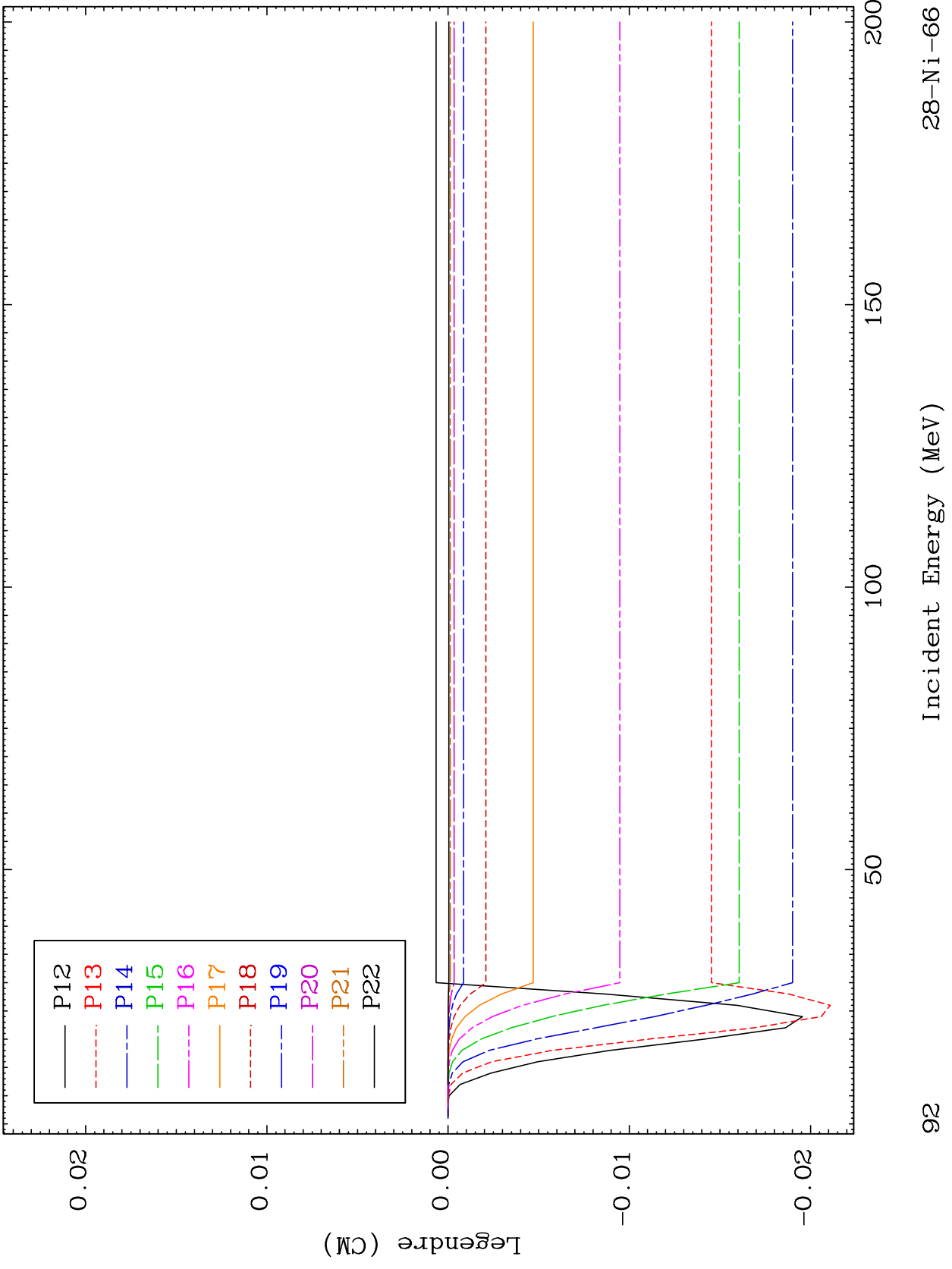
28-Ni-66

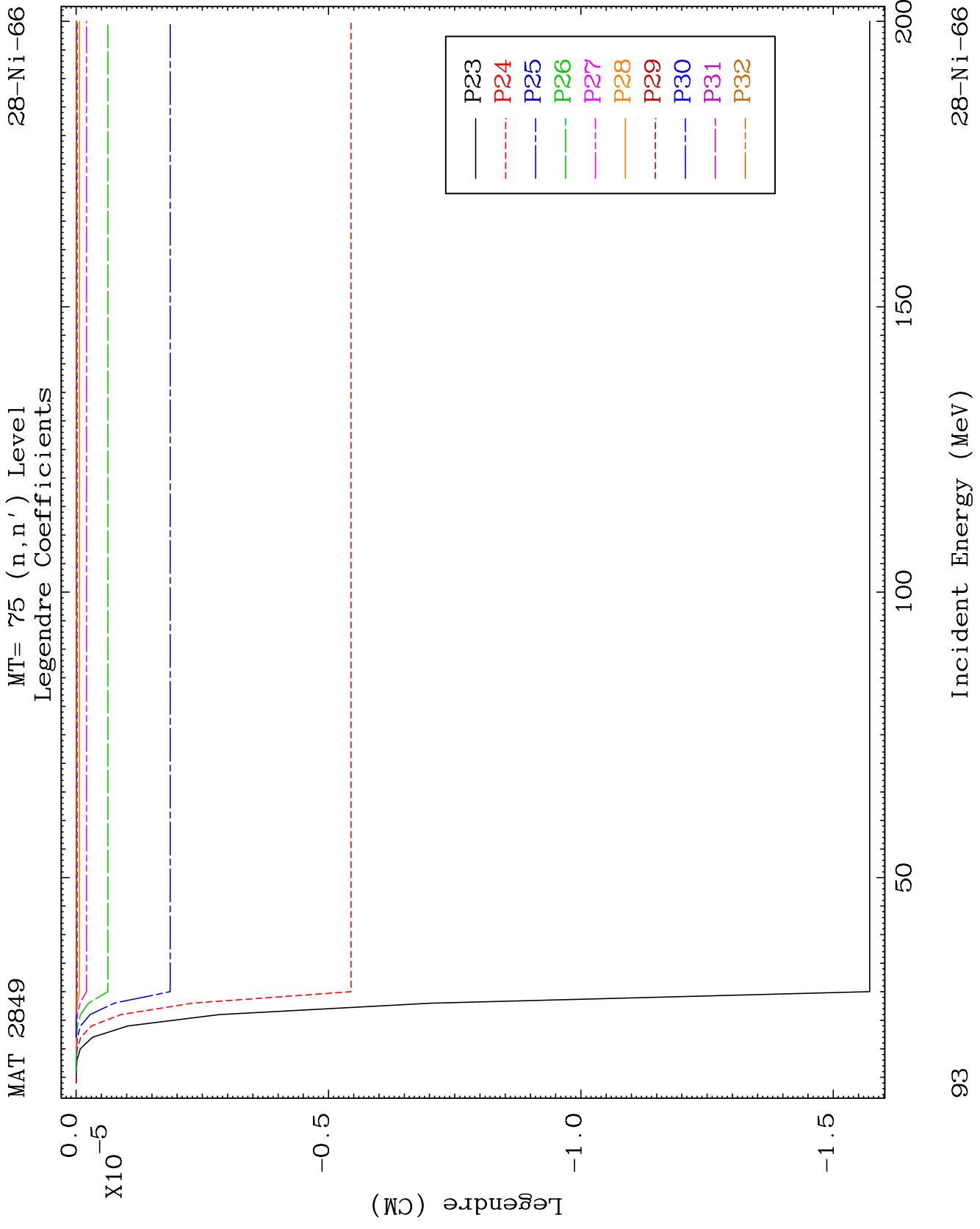


MAT 2849

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

28-Ni-66

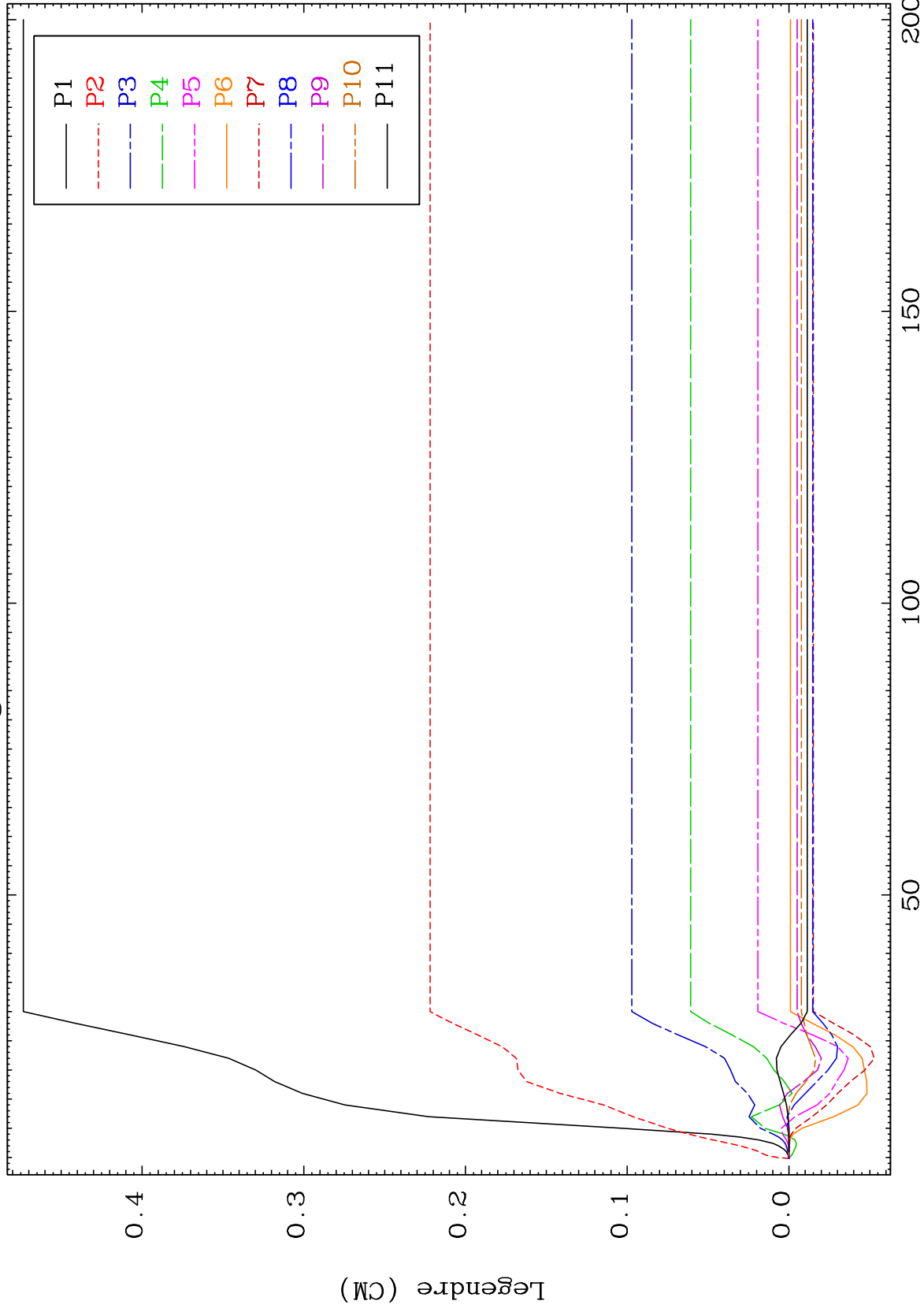




MAT 2849

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

28-Ni-66



94

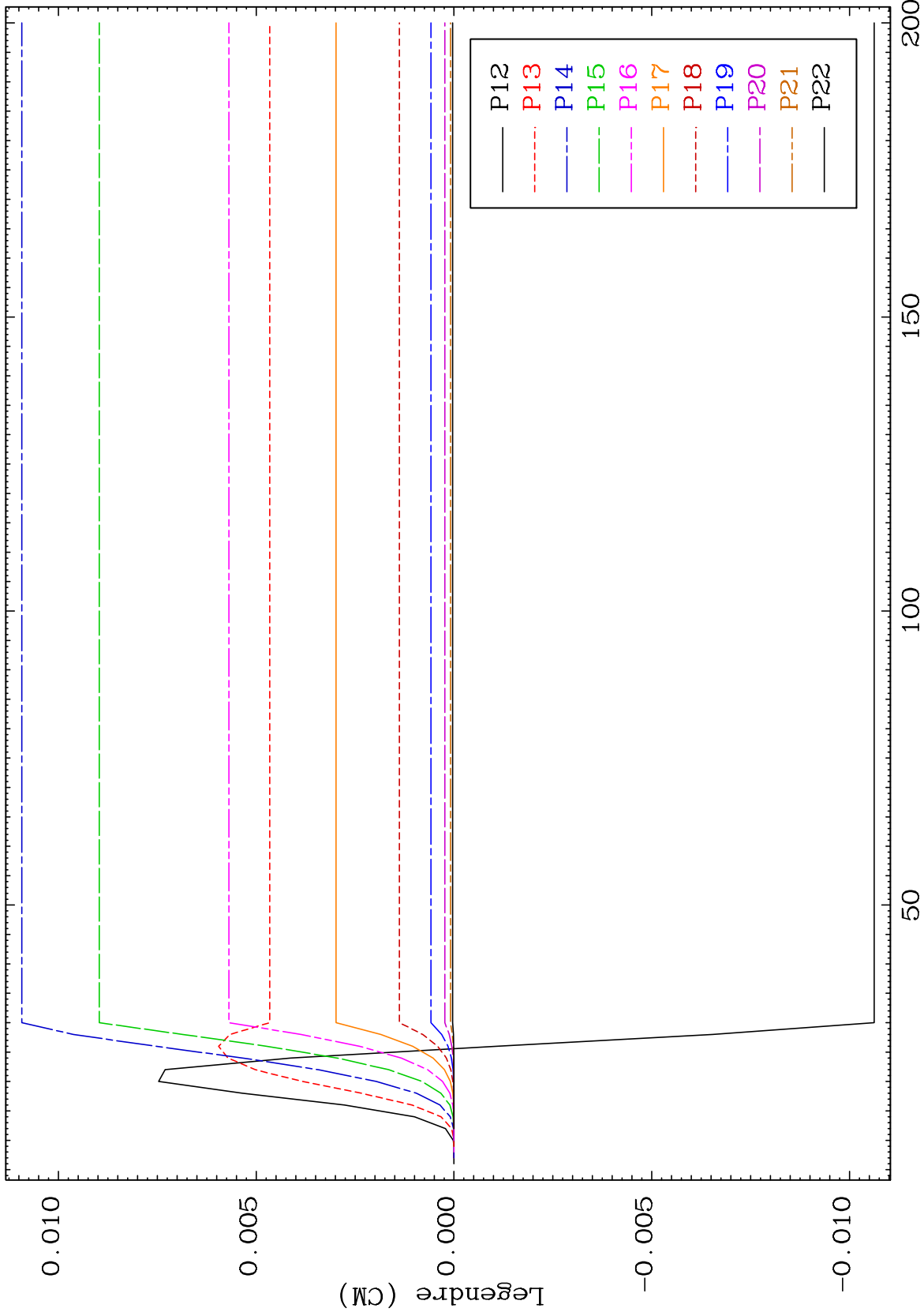
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



95

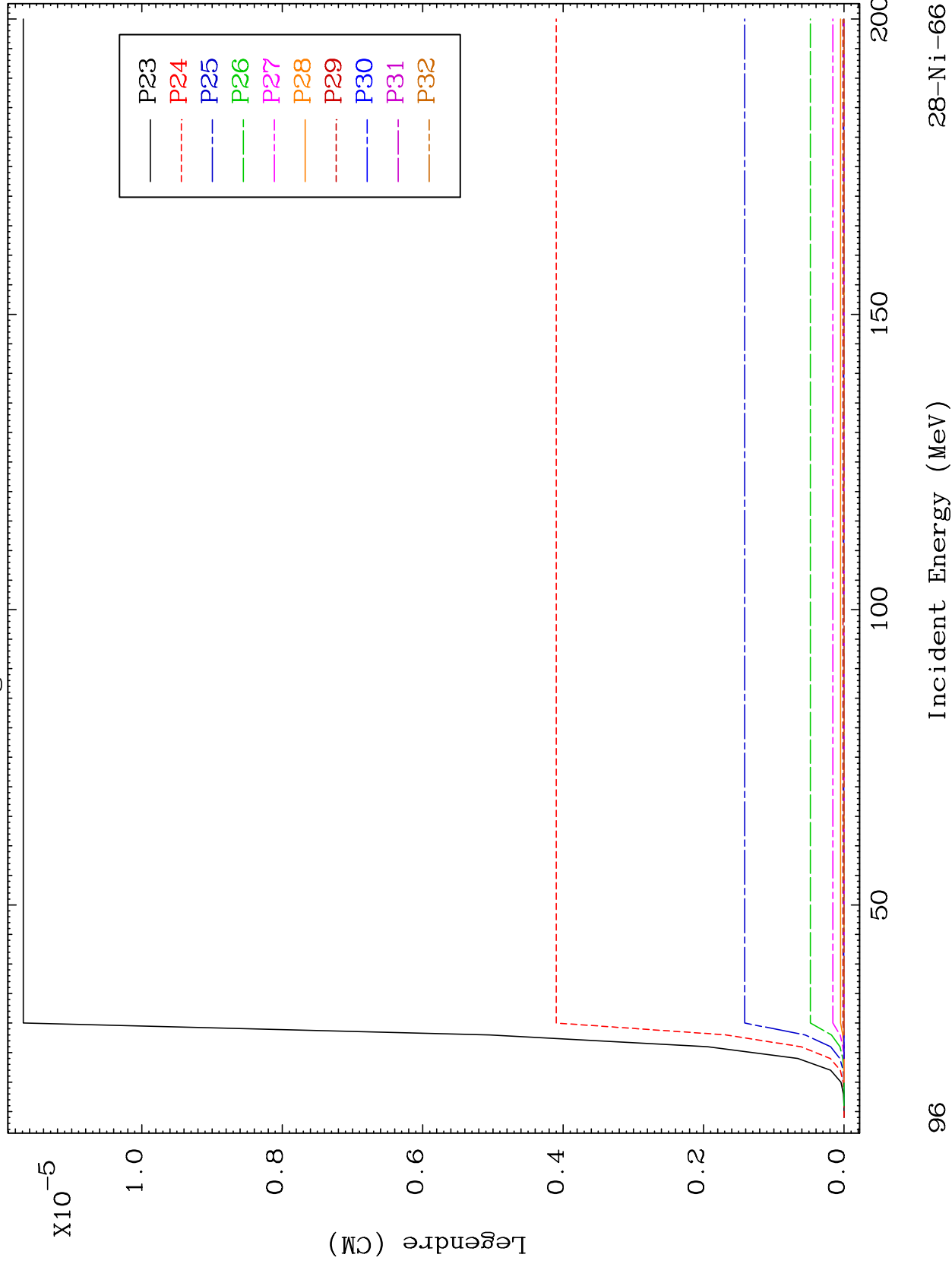
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

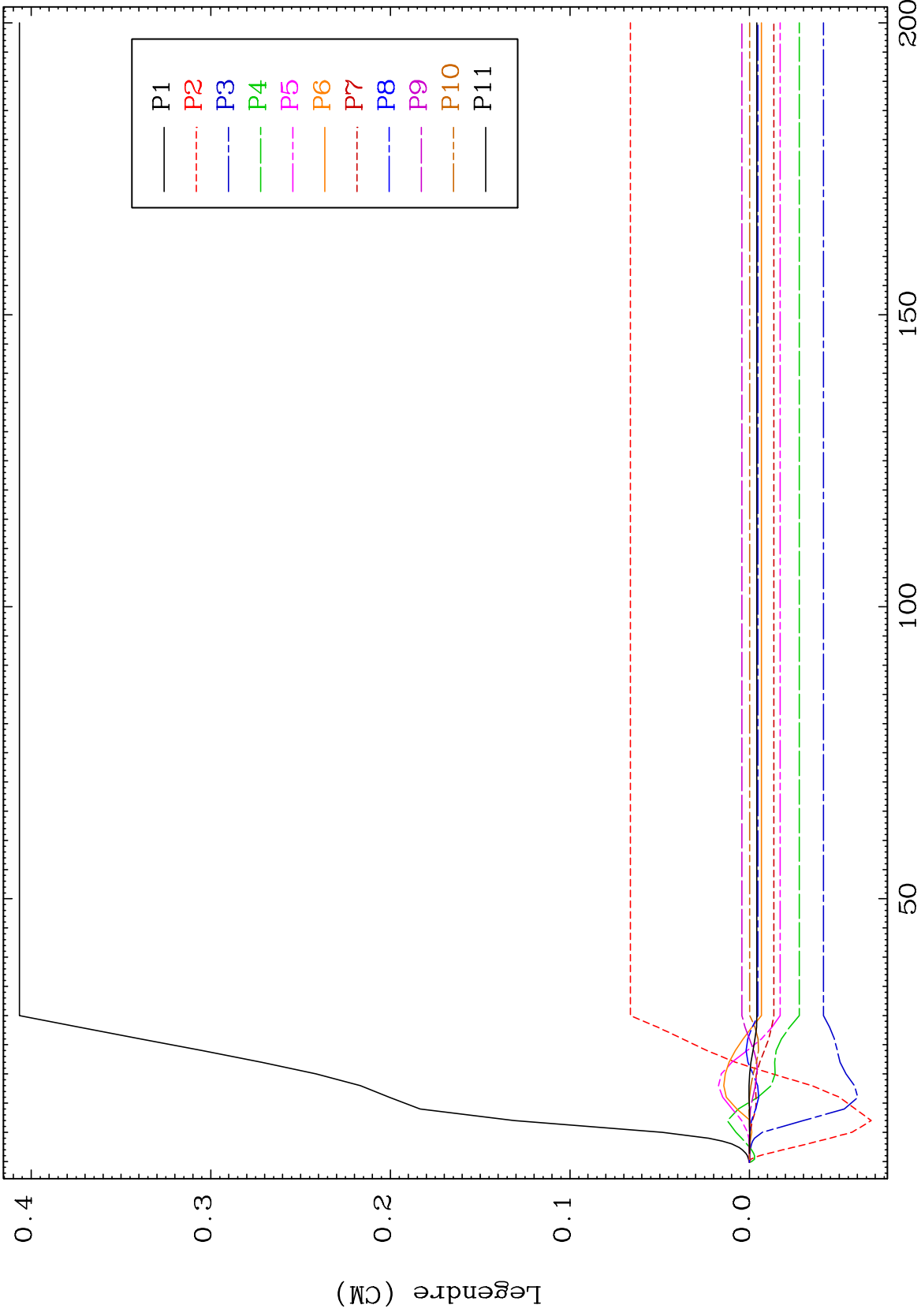
28-Ni-66



MAT 2849

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

28-Ni-66



97

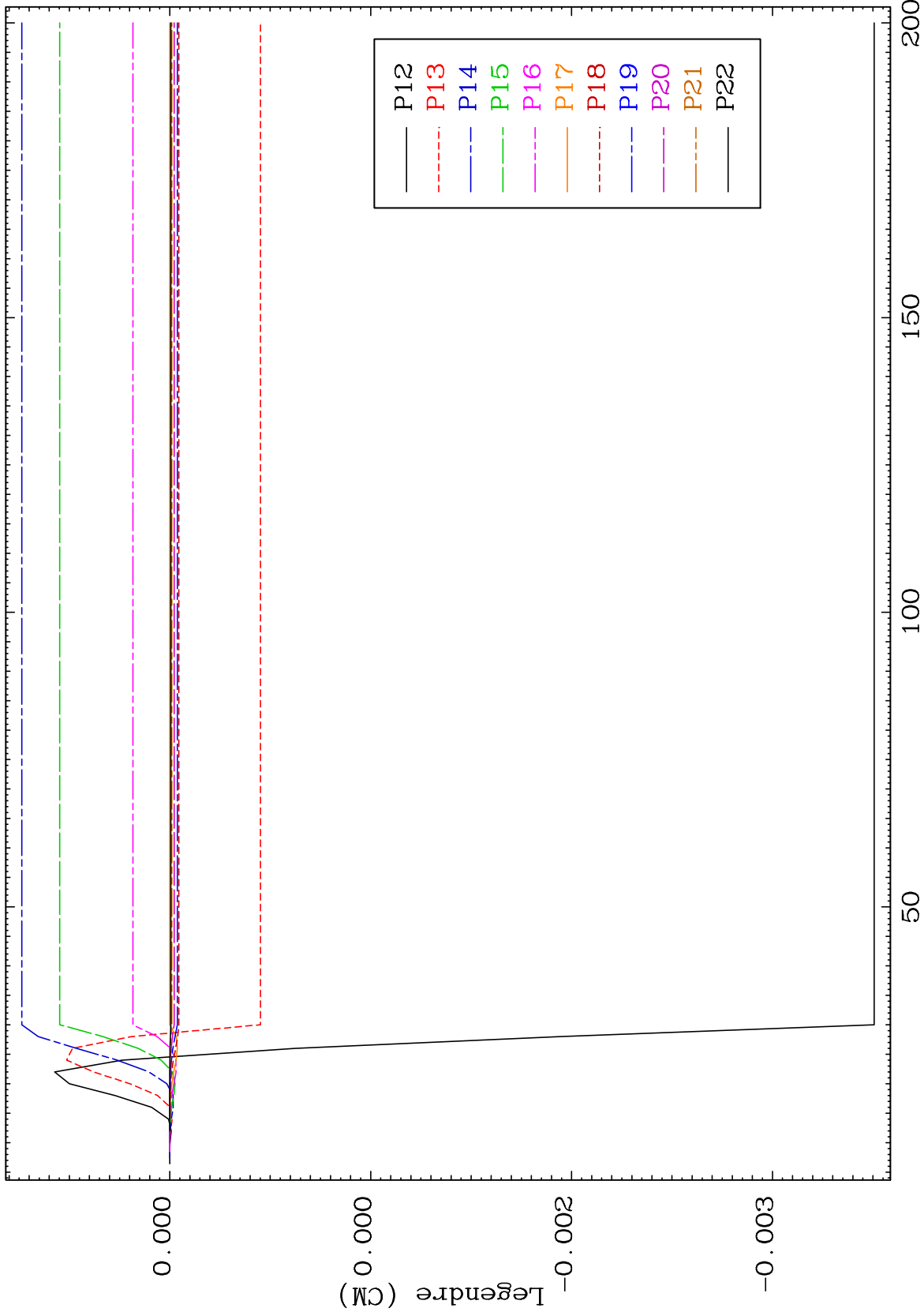
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

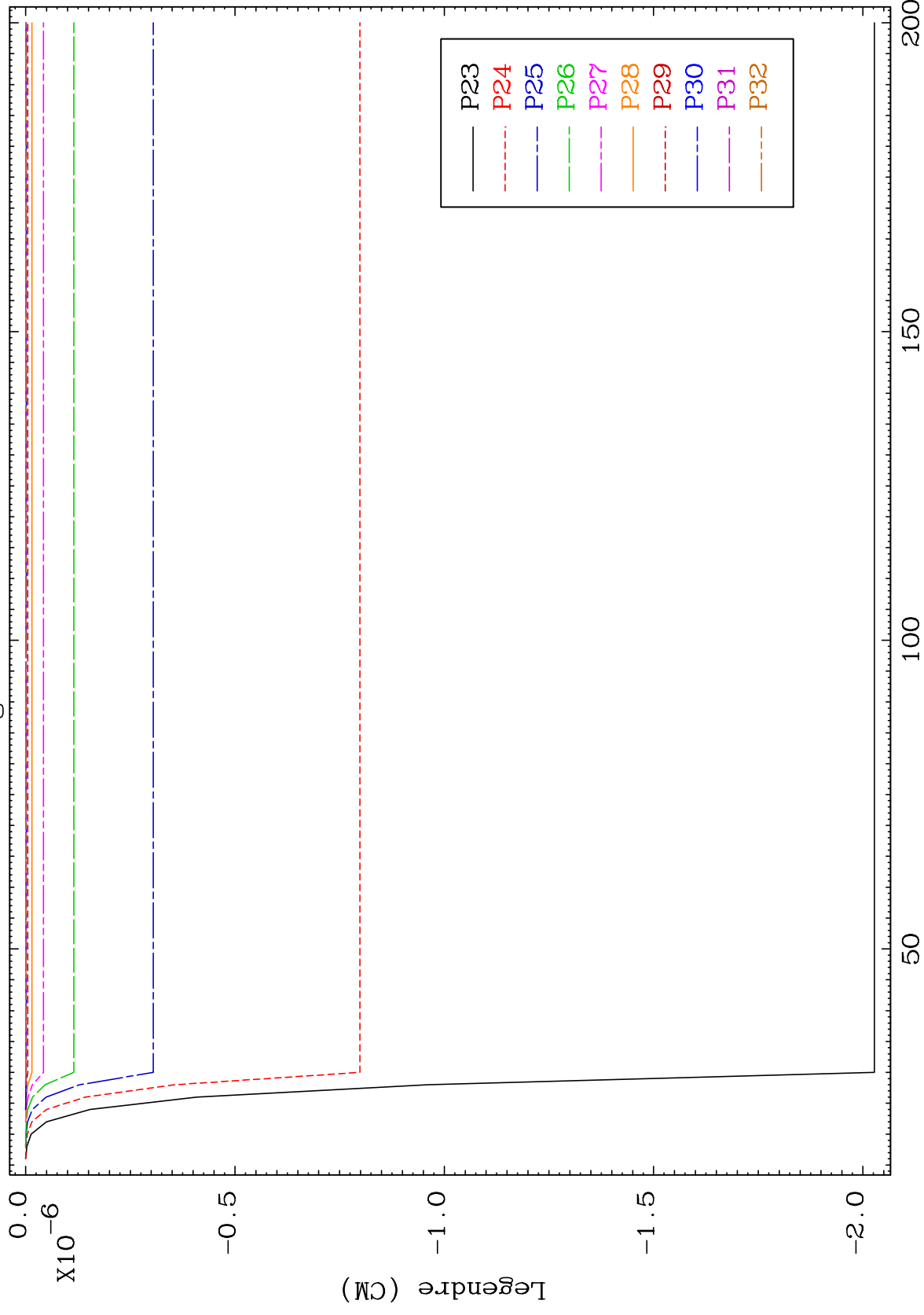
28-Ni-66



MAT 2849

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

28-Ni-66



99

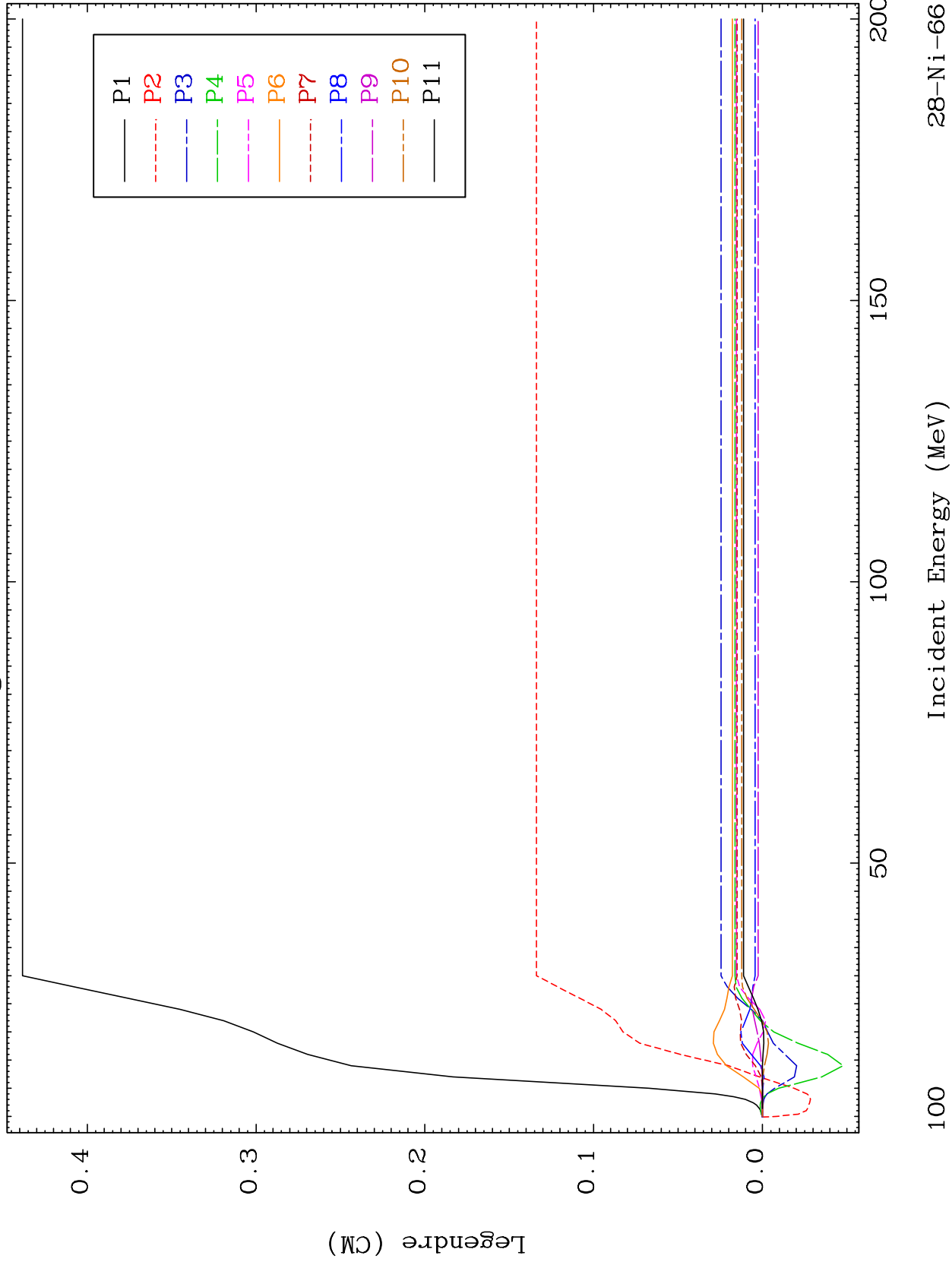
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



28-Ni-66

Incident Energy (MeV)

100

50

100

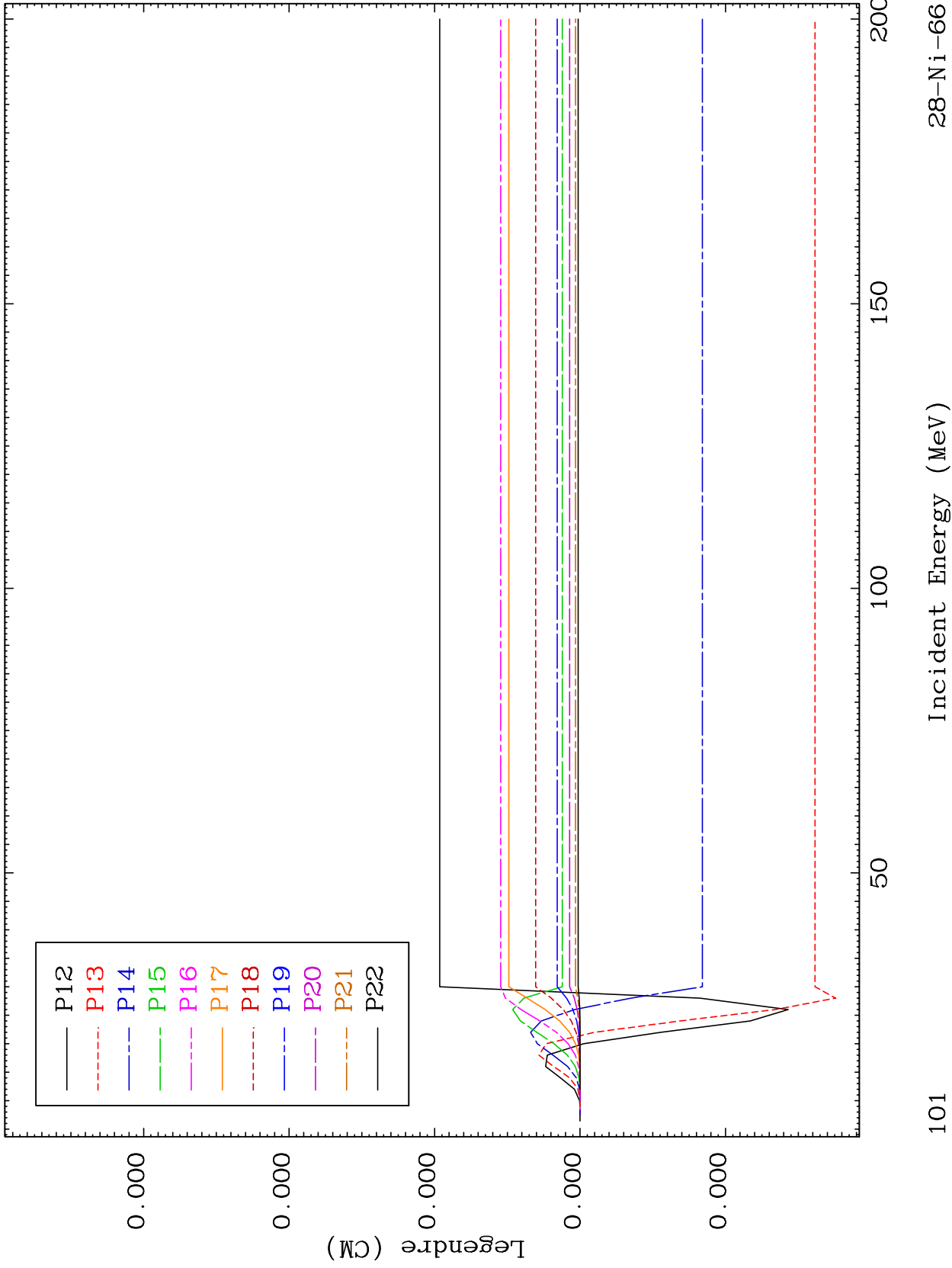
150

200

MAT 2849

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

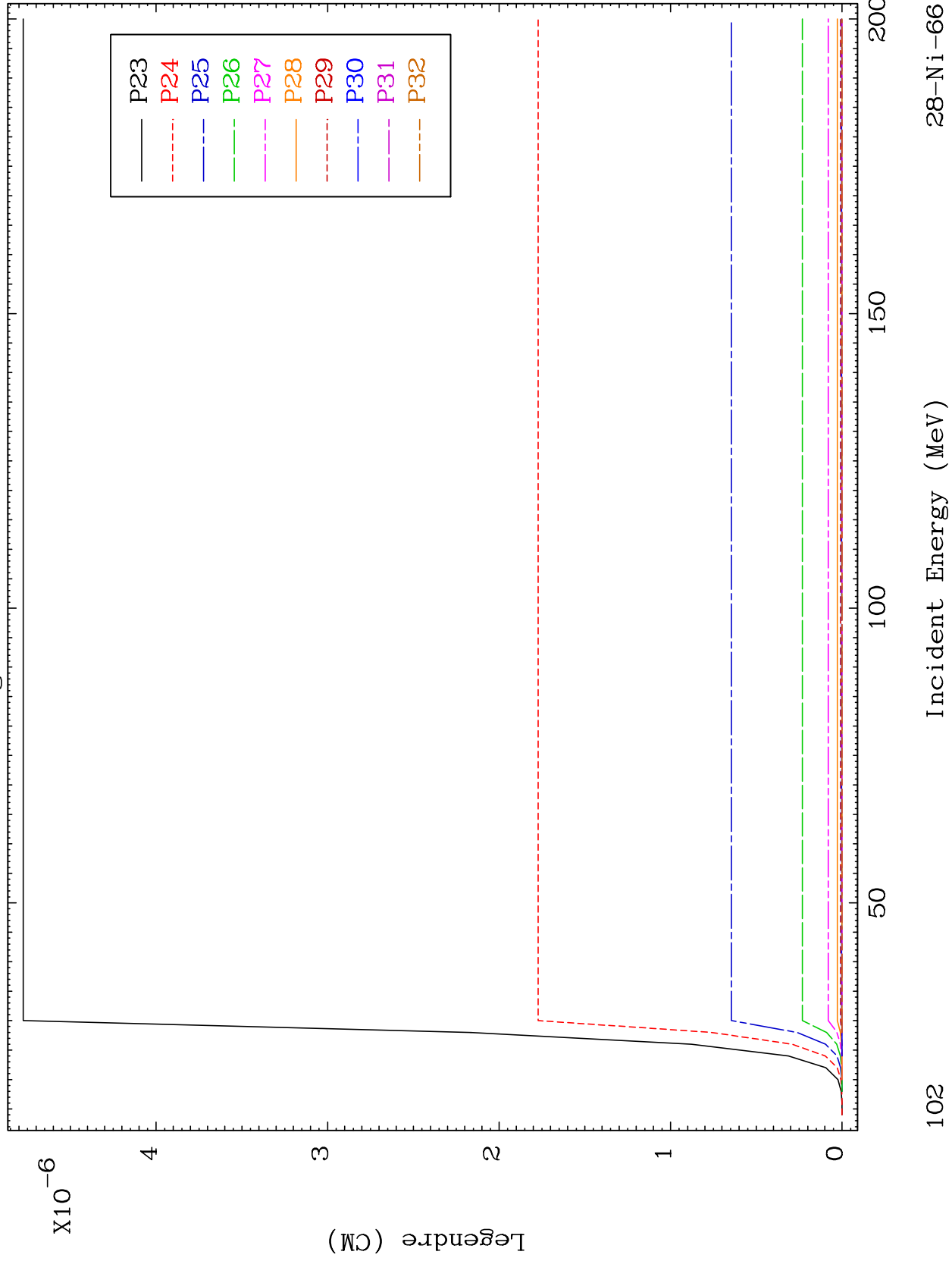
28-Ni-66



MAT 2849

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

28-Ni-66



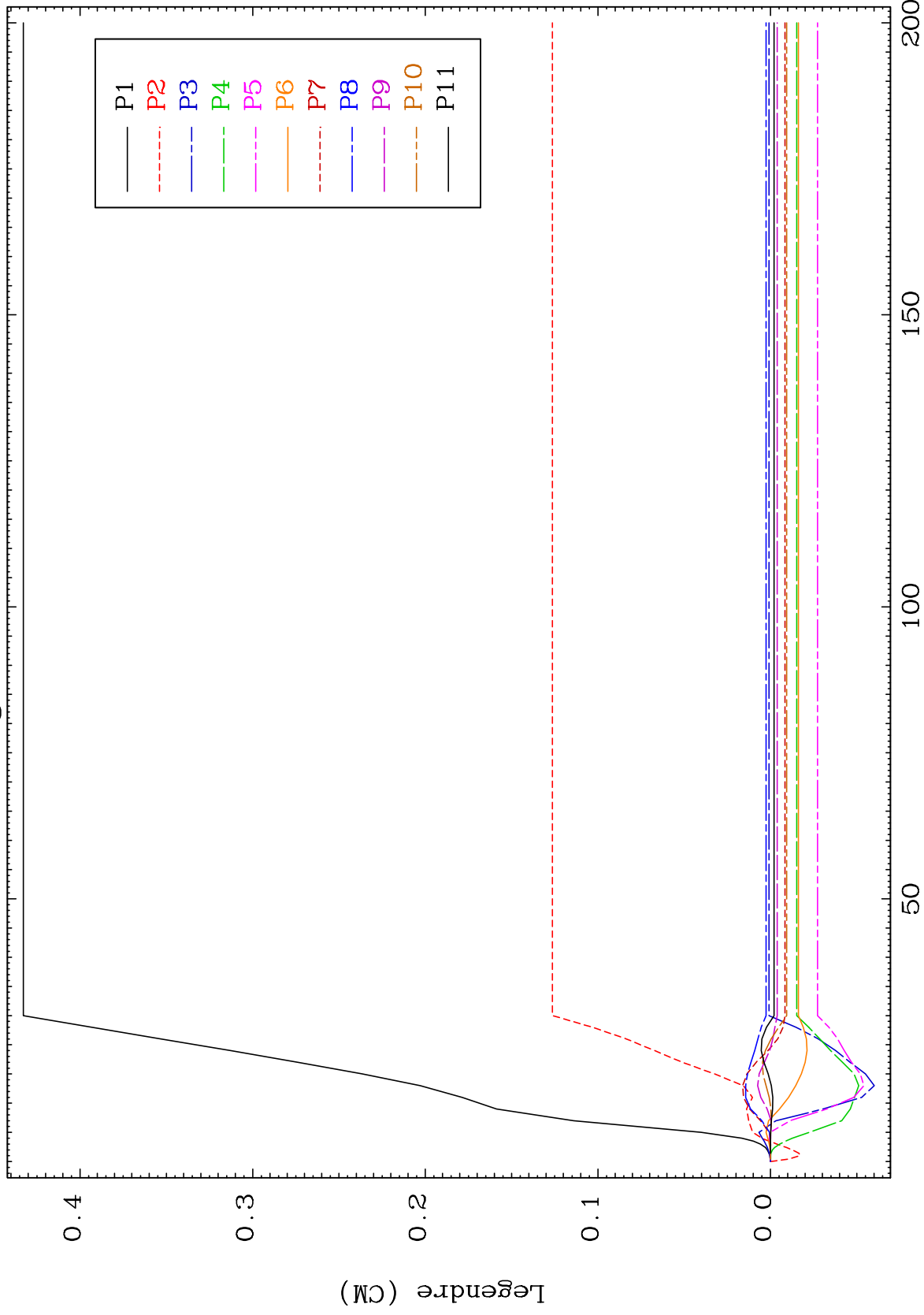
102

28-Ni-66

MAT 2849

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

28-Ni-66



103

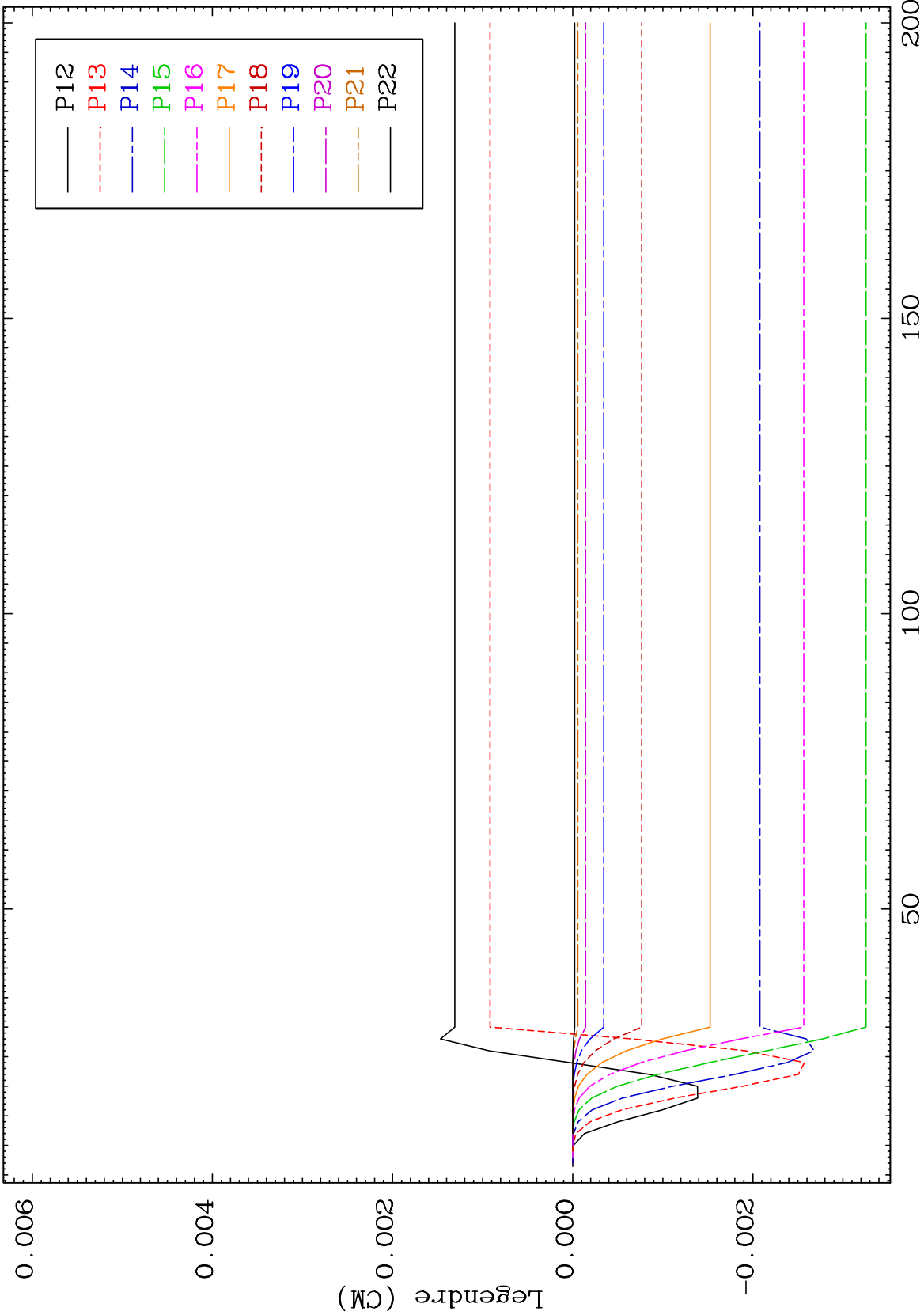
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



104

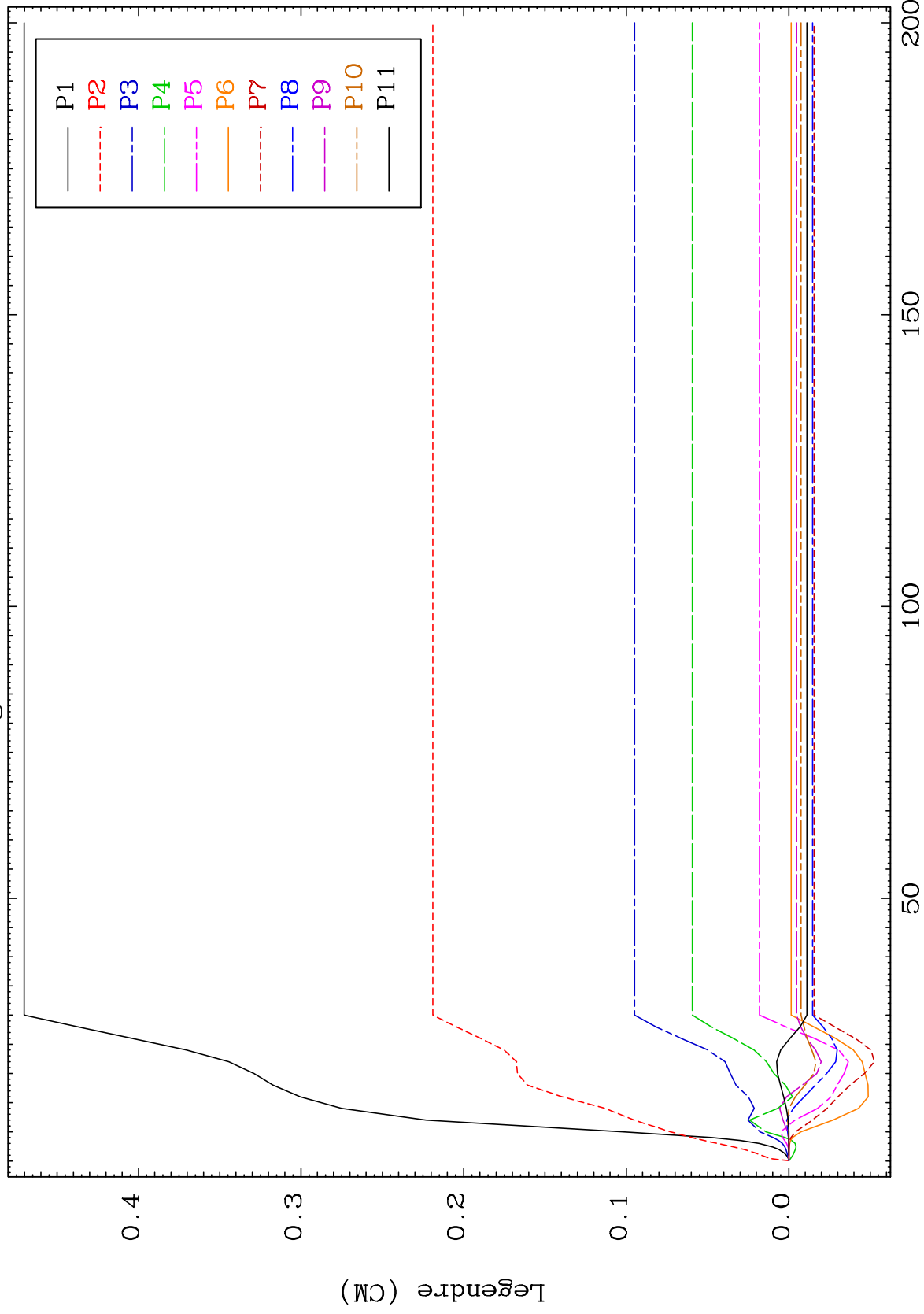
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



106

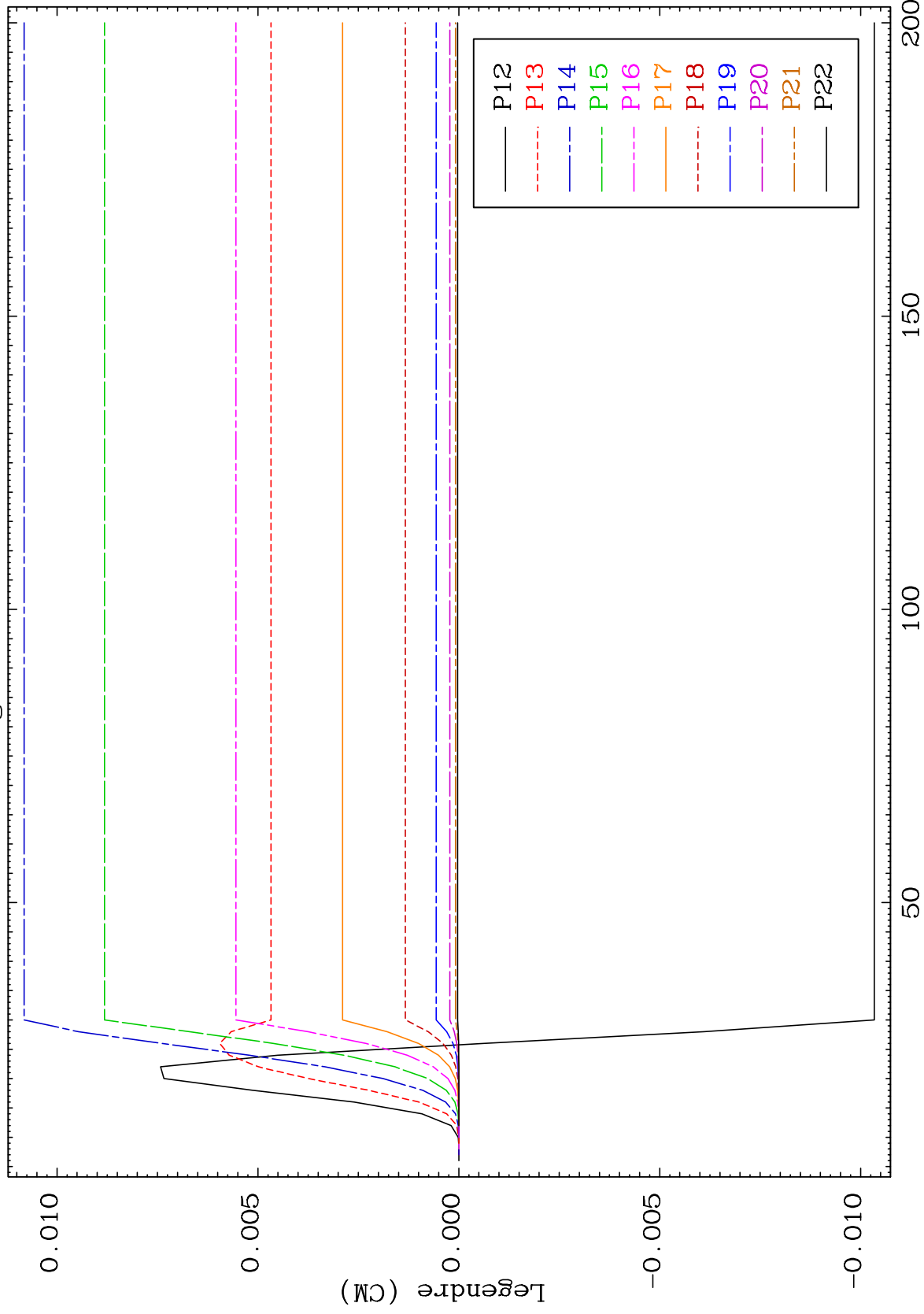
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66



107

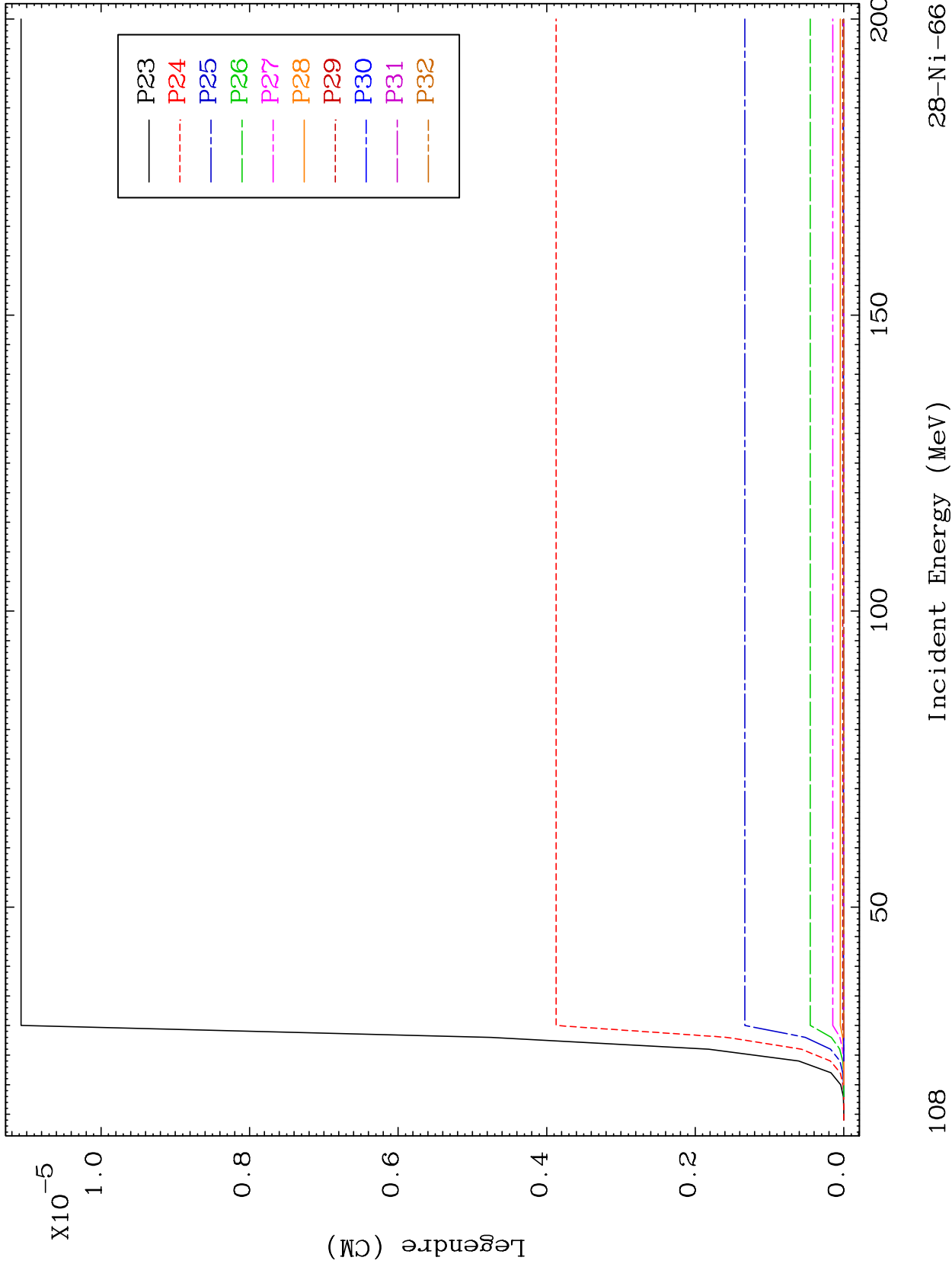
Incident Energy (MeV)

28-Ni-66

MAT 2849

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

28-Ni-66

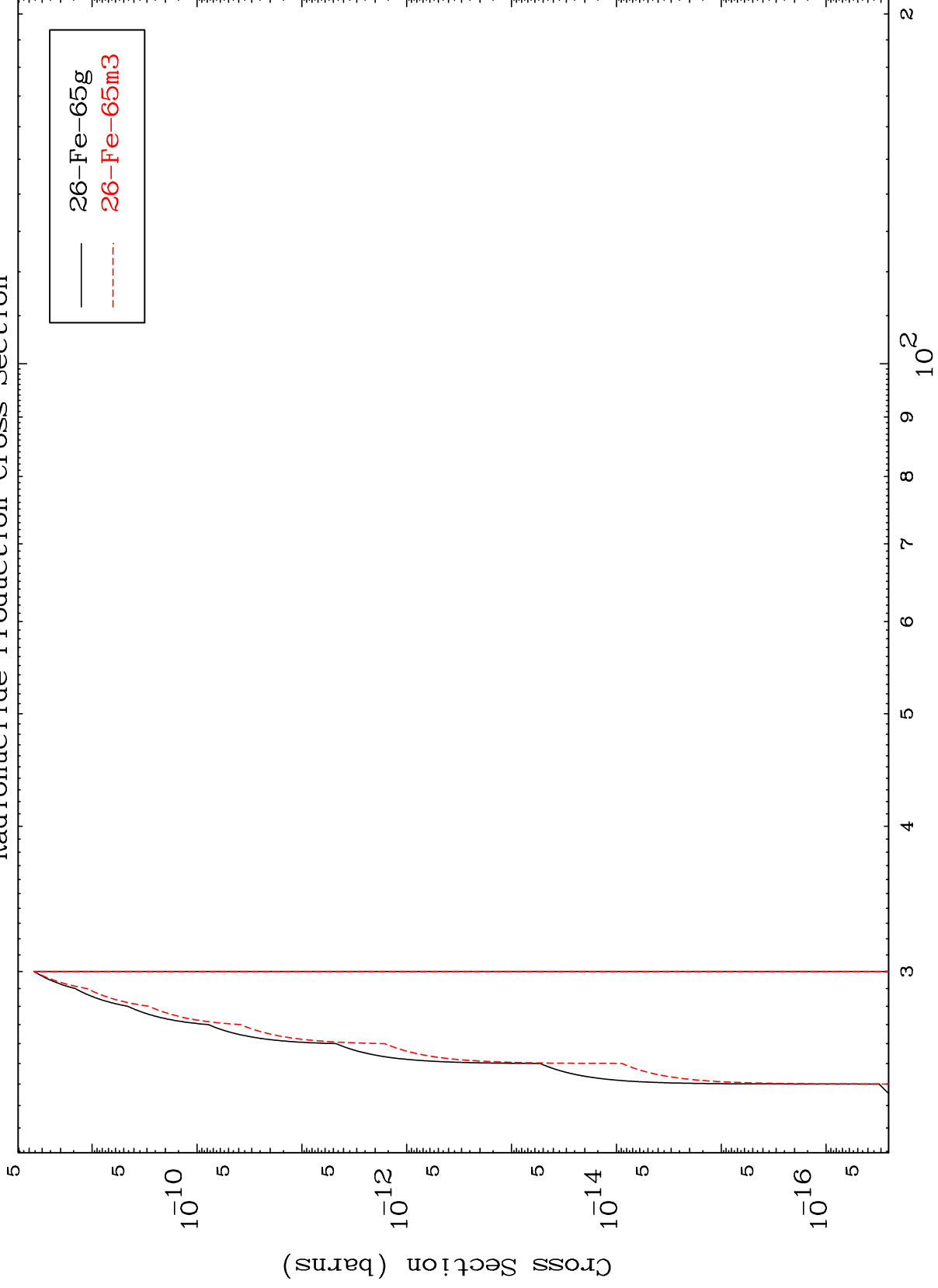


108

Incident Energy (MeV)

28-Ni-66

(n,2p)
Radionuclide Production Cross Section



26-Fe-65g
26-Fe-65m3