

Program EVALPLOT
(Version 2018-1)

by

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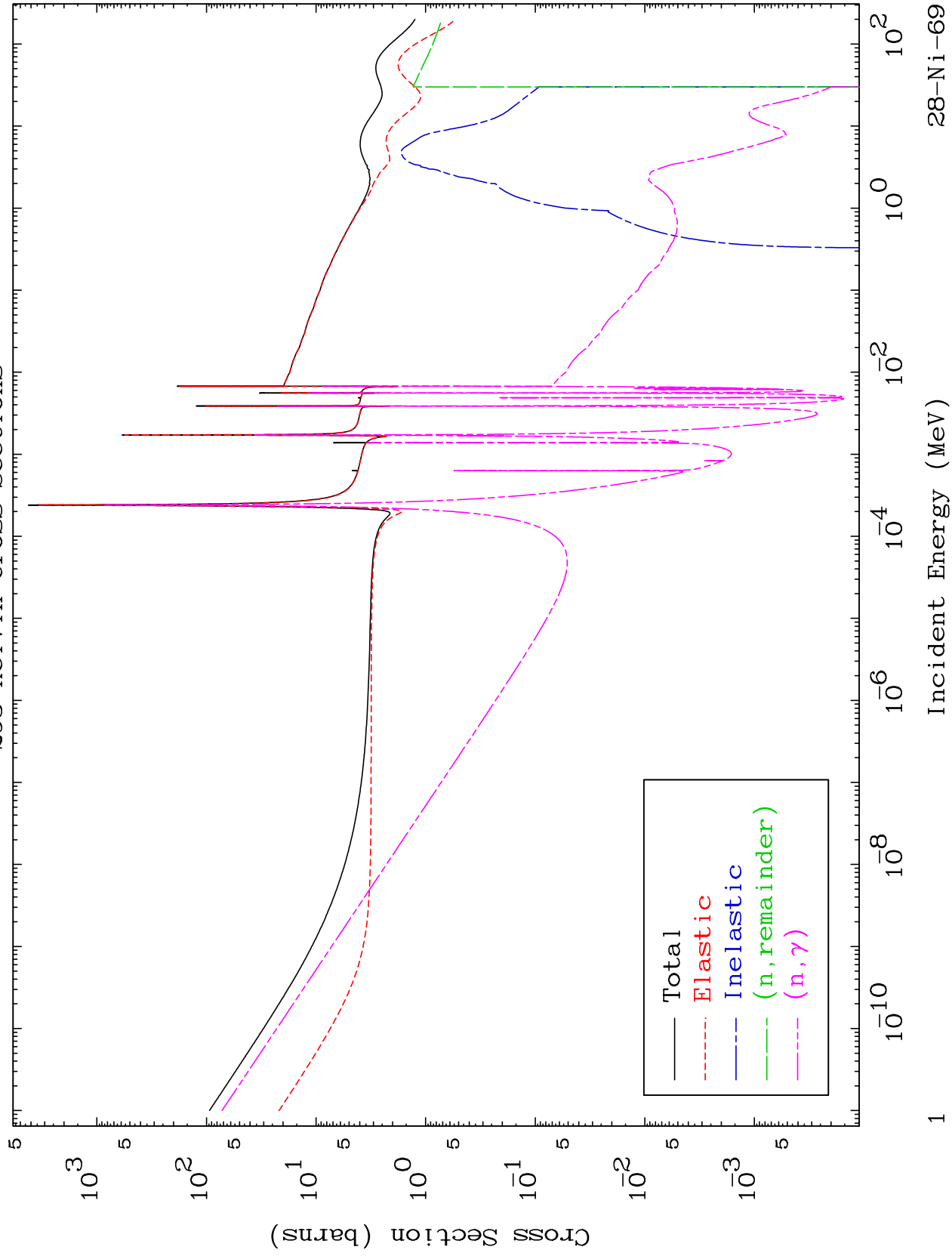
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2858

Major
293 Kelvin Cross Sections

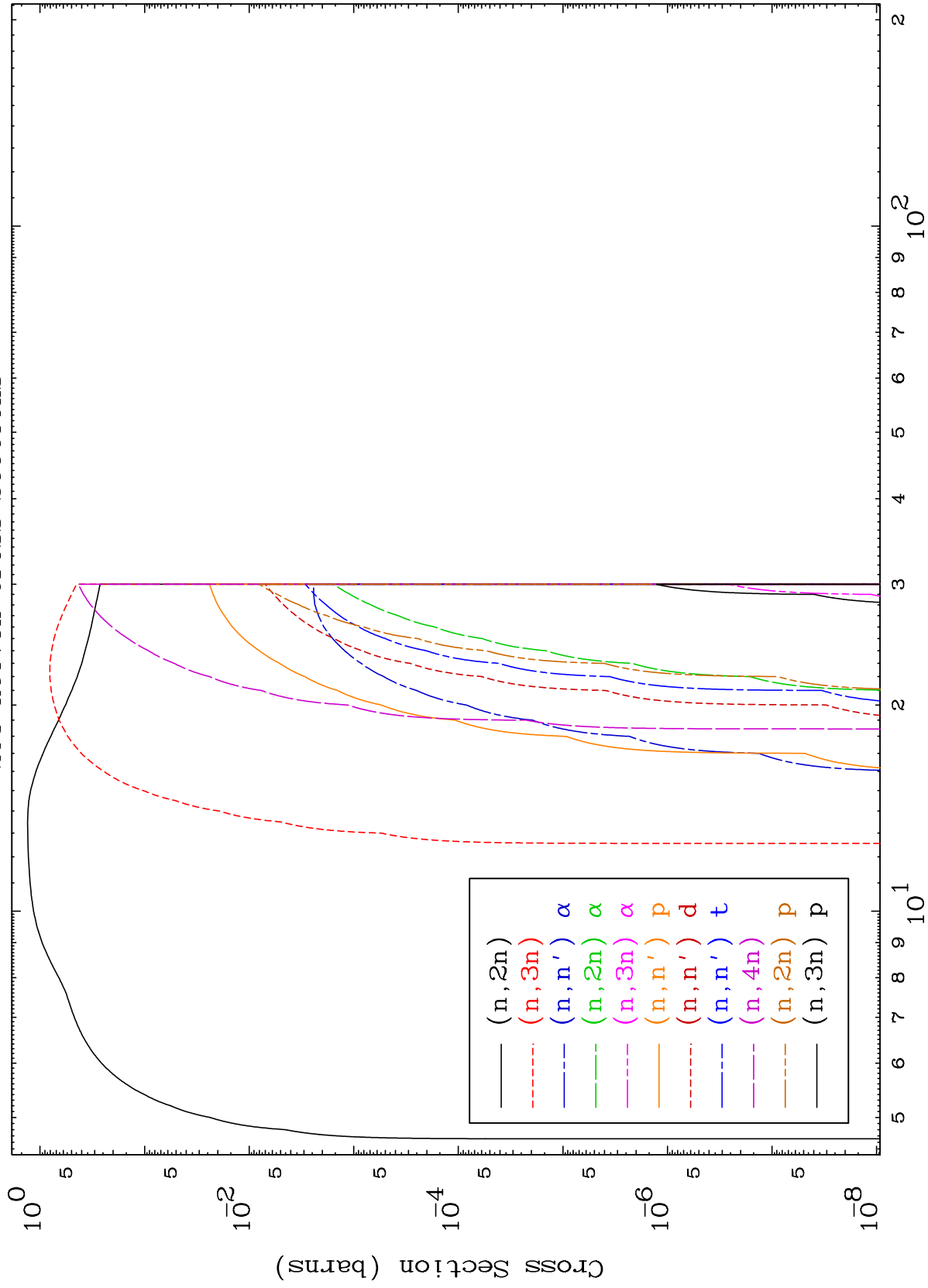
28-Ni-69



MAT 2858

Neutron Production
293 Kelvin Cross Sections

28-Ni-69

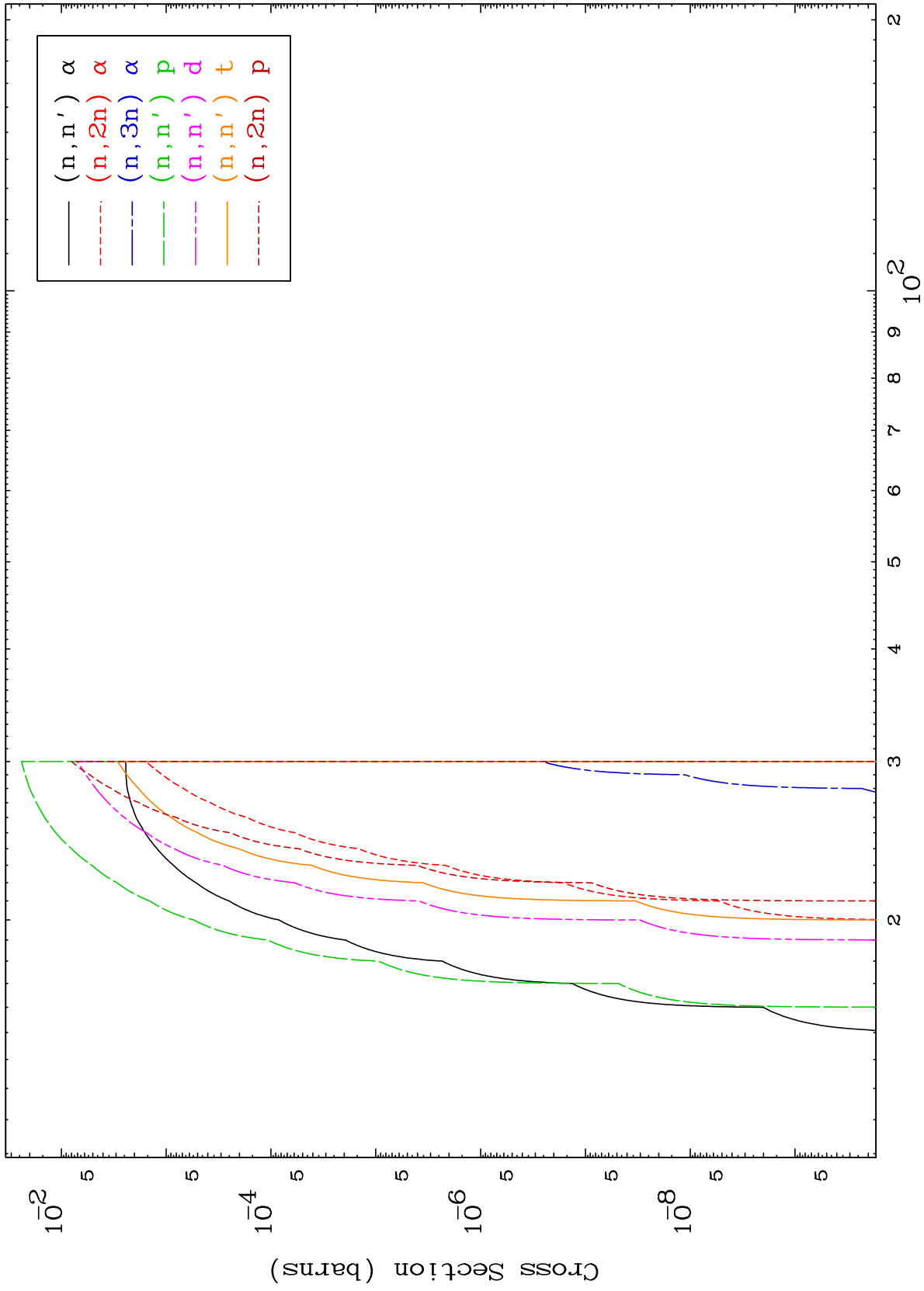


2

MAT 2858

Charged Particle
293 Kelvin Cross Sections

28-Ni-69



3

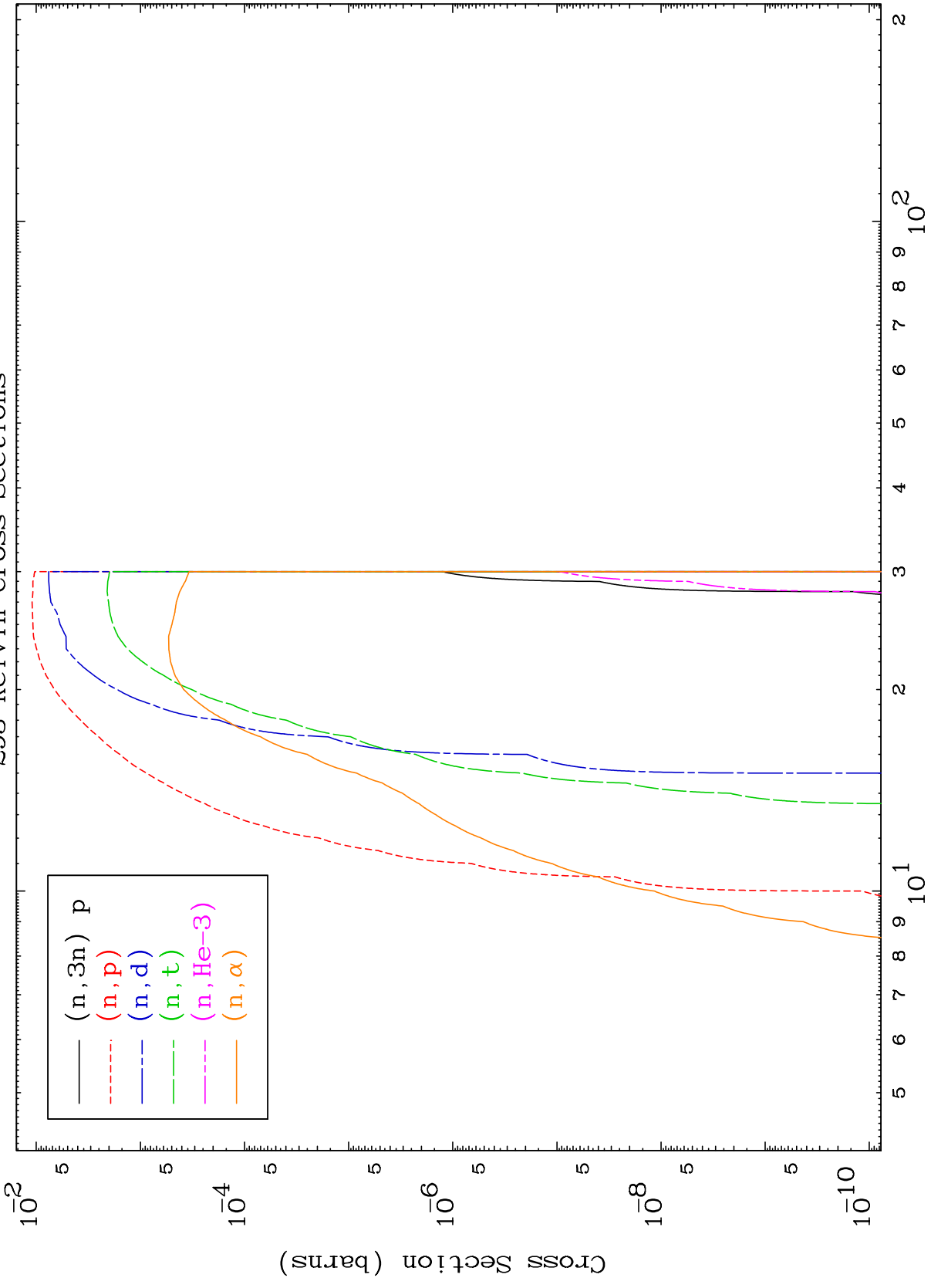
Incident Energy (MeV)

28-Ni-69

MAT 2858

Charged Particle
293 Kelvin Cross Sections

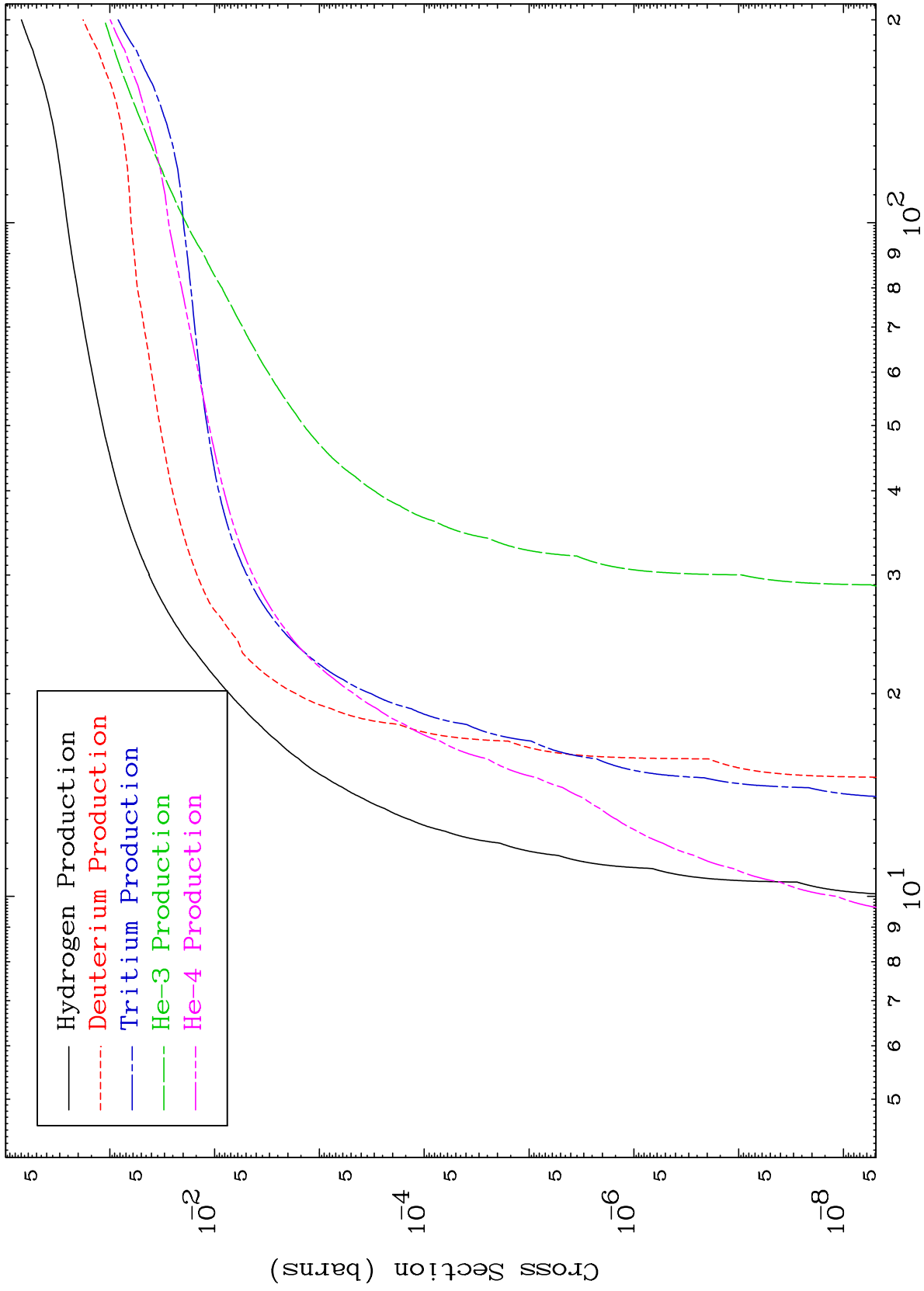
28-Ni-69



MAT 2858

Particle Production
293 Kelvin Cross Sections

28-Ni-69



5

Incident Energy (MeV)

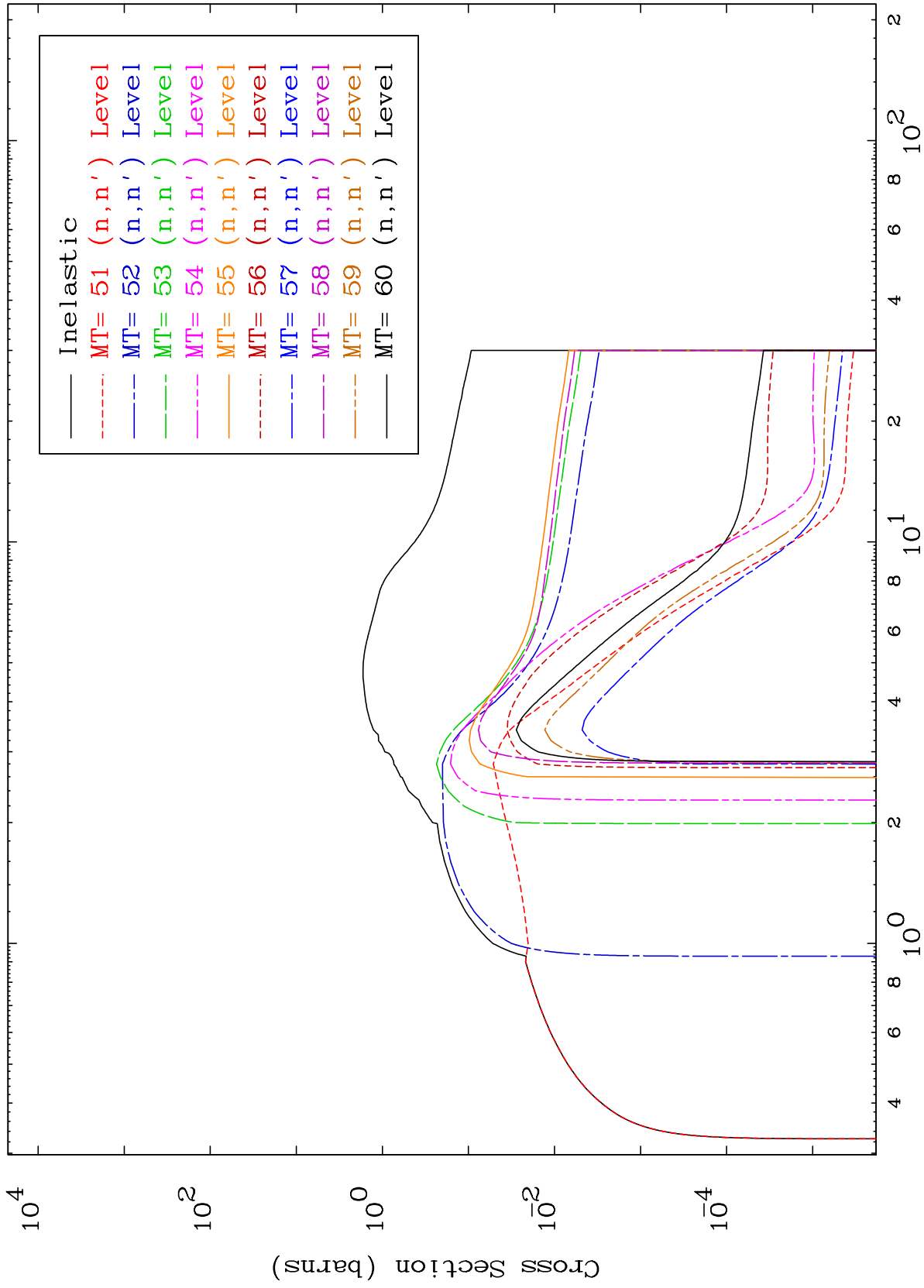
28-Ni-69

MAT 2858

(n,n') Level

28-Ni-69

293 Kelvin Cross Sections



6

Incident Energy (MeV)

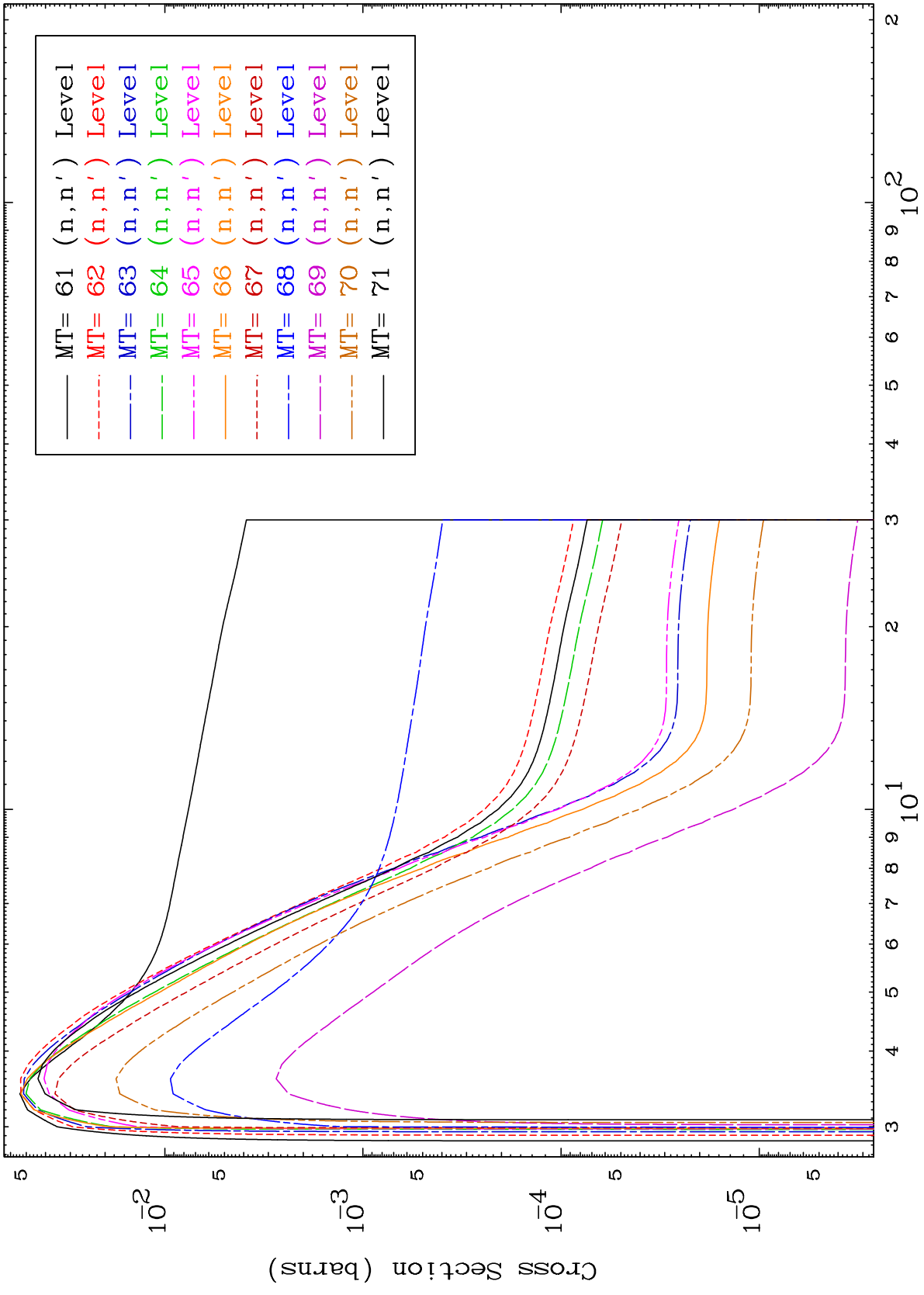
28-Ni-69

MAT 2858

(n,n') Level

28-Ni-69

293 Kelvin Cross Sections



7

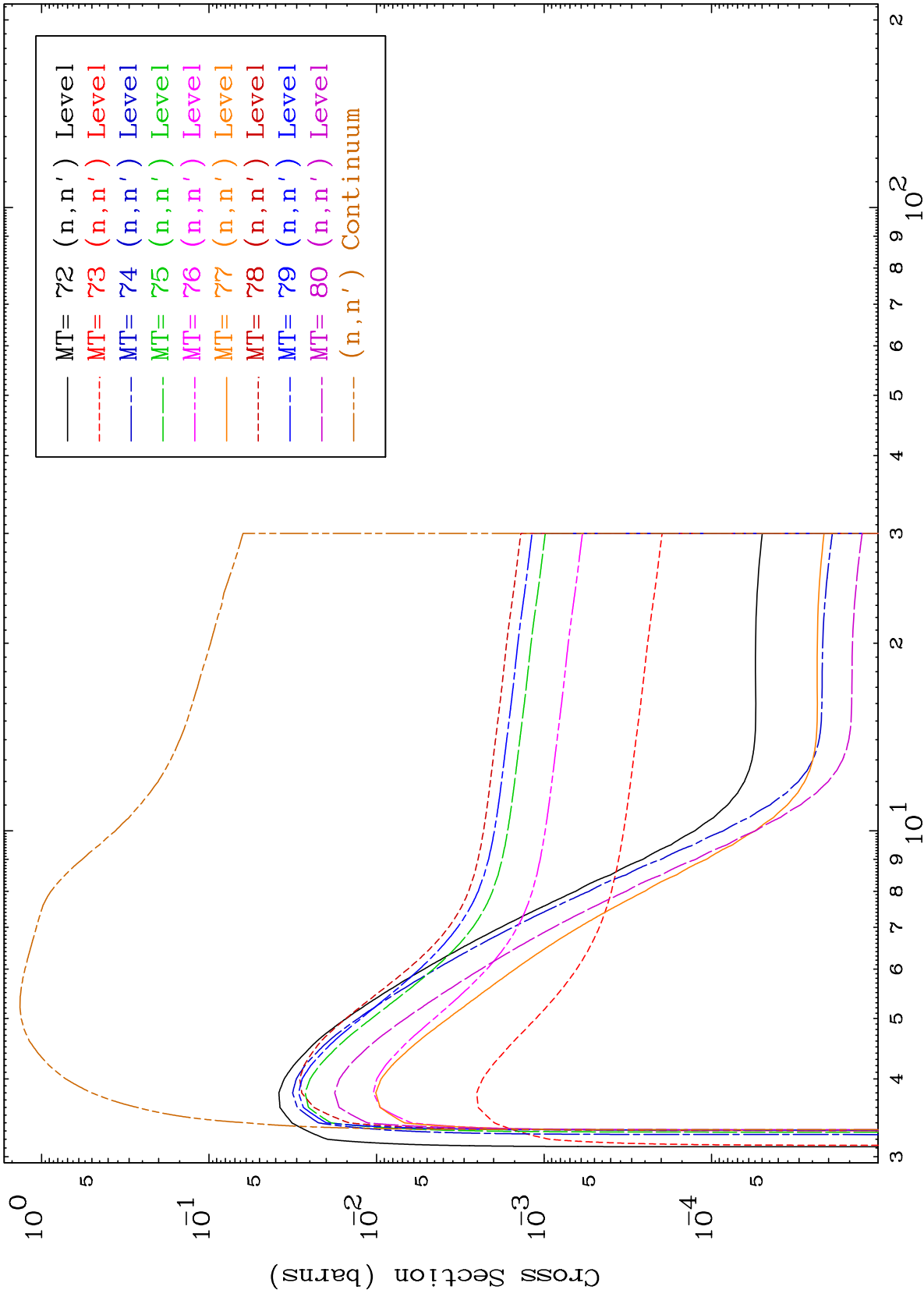
Incident Energy (MeV)

28-Ni-69

MAT 2858

(n,n') Level
293 Kelvin Cross Sections

28-Ni-69



8

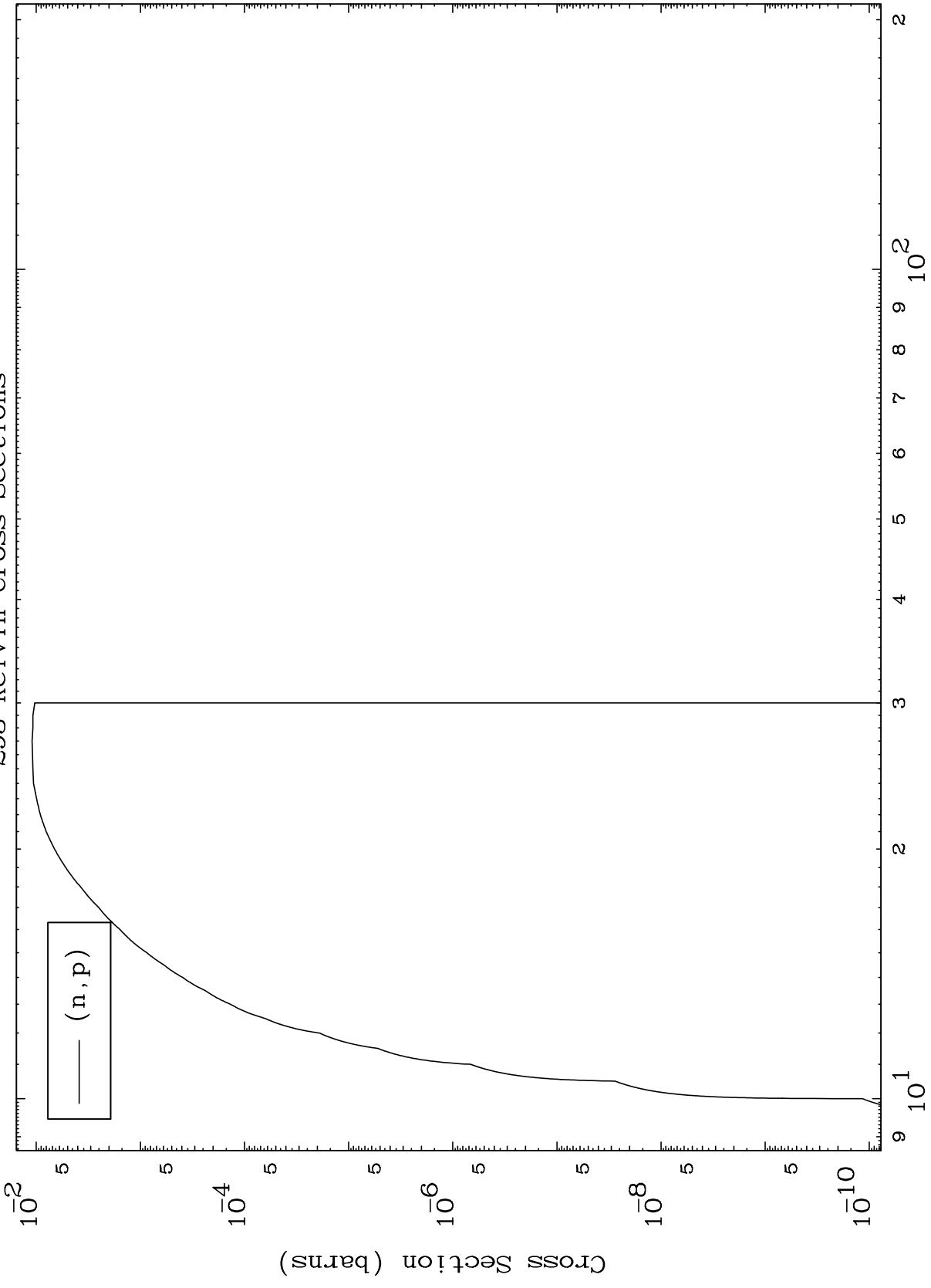
Incident Energy (MeV)

28-Ni-69

MAT 2858

(n,p) Levels
293 Kelvin Cross Sections

28-Ni-69



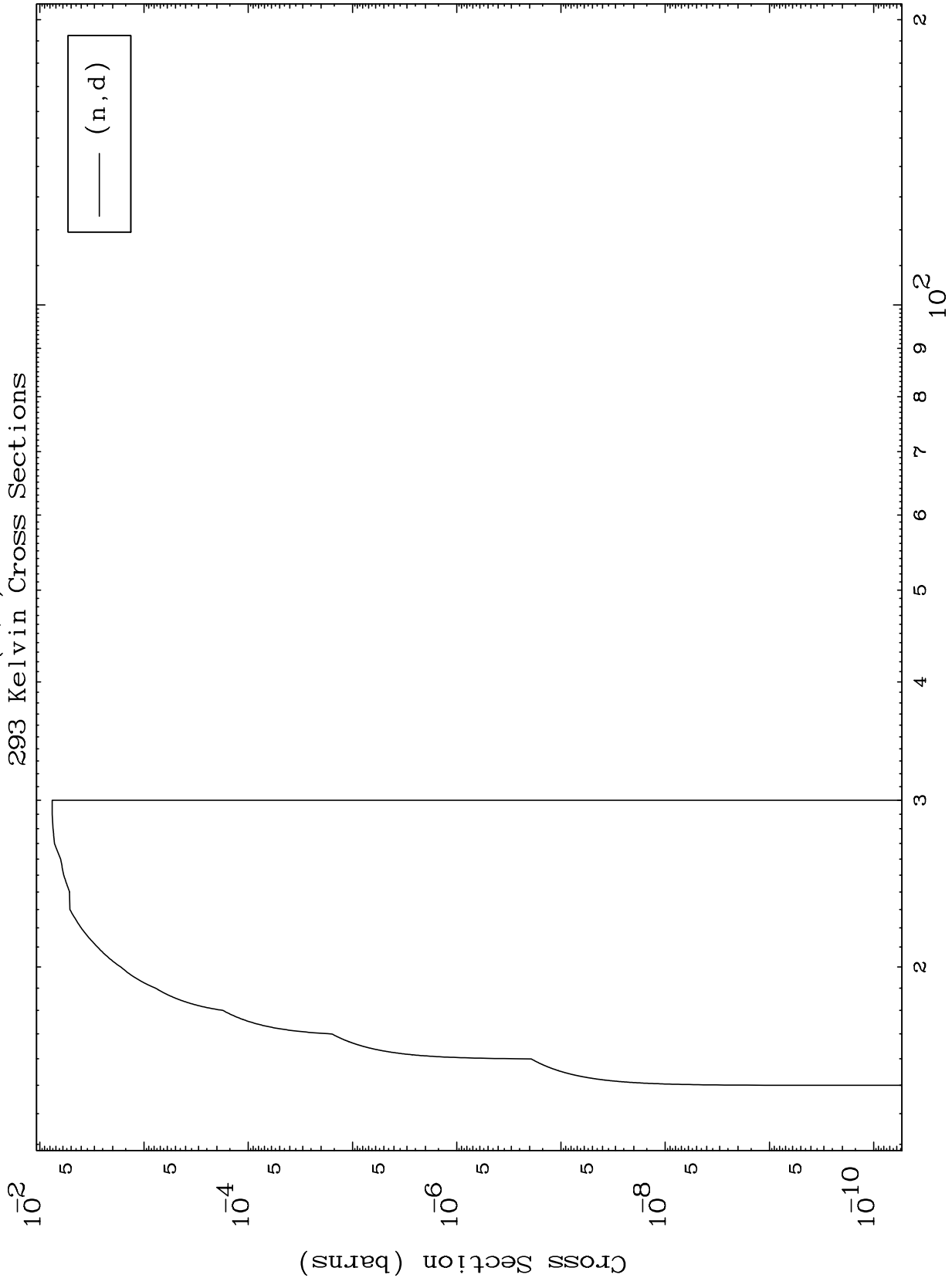
Incident Energy (MeV)

28-Ni-69

MAT 2858

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-69



10

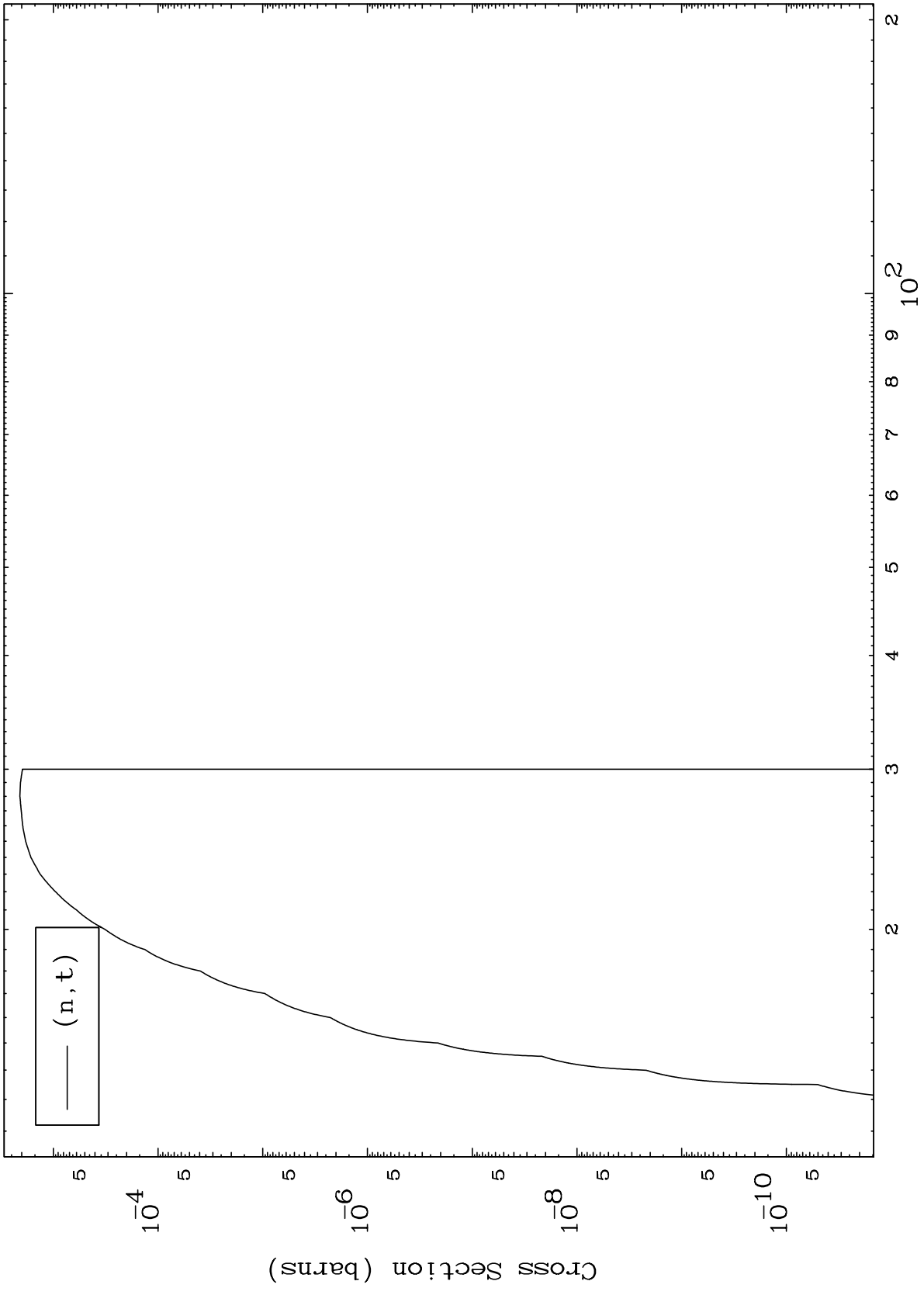
Incident Energy (MeV)

28-Ni-69

MAT 2858

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-69



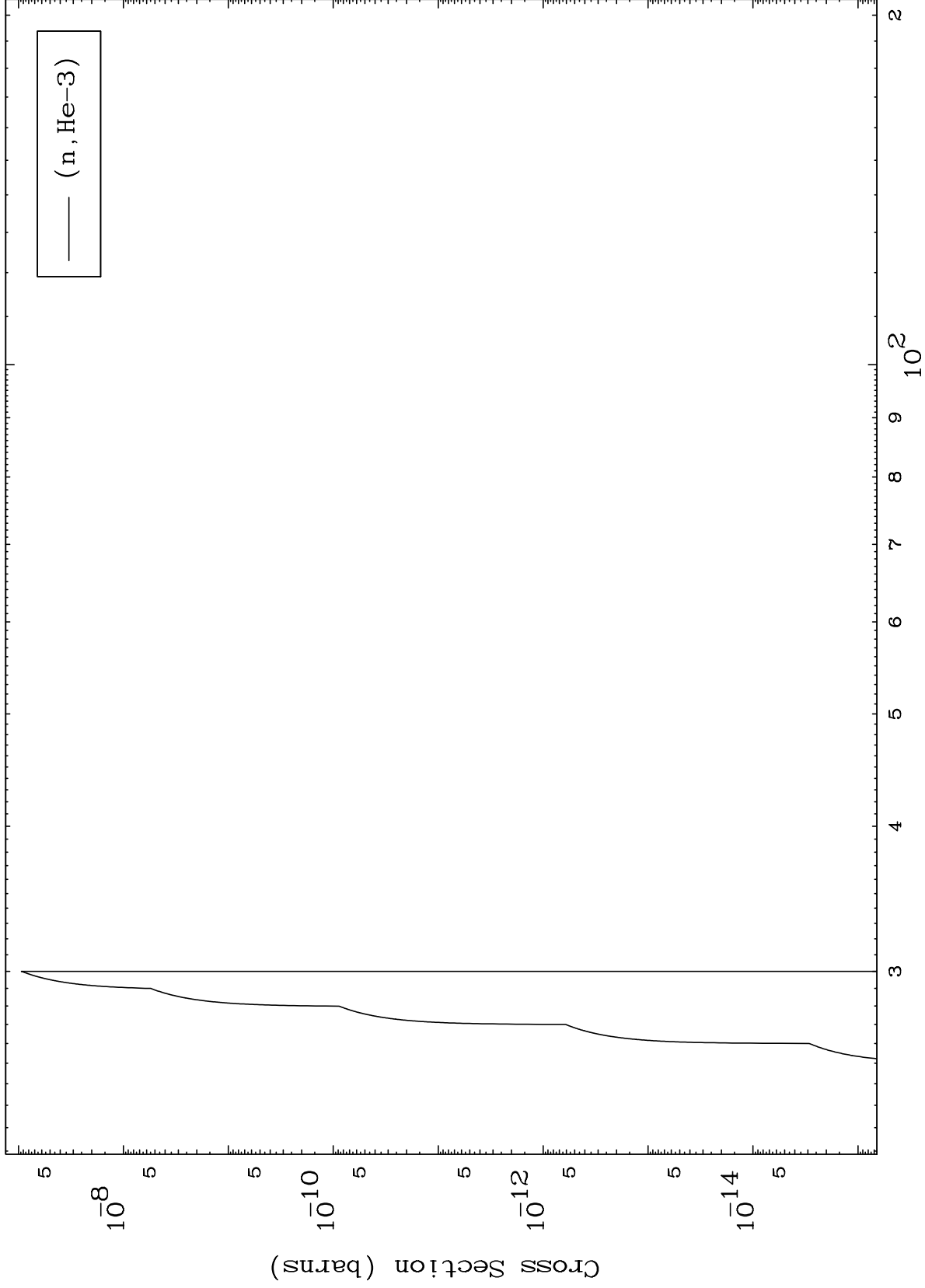
11

28-Ni-69

MAT 2858

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-69



12

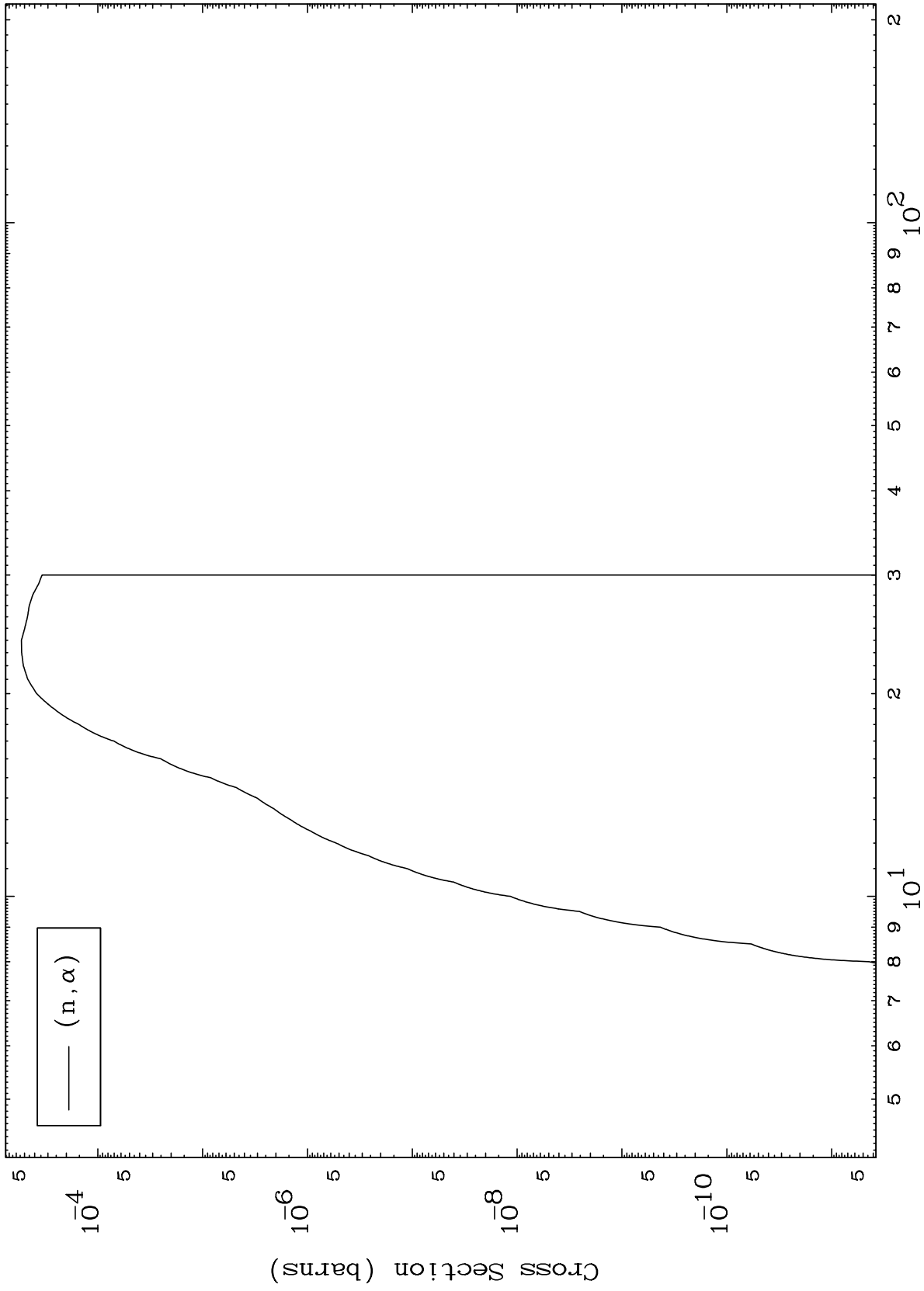
Incident Energy (MeV)

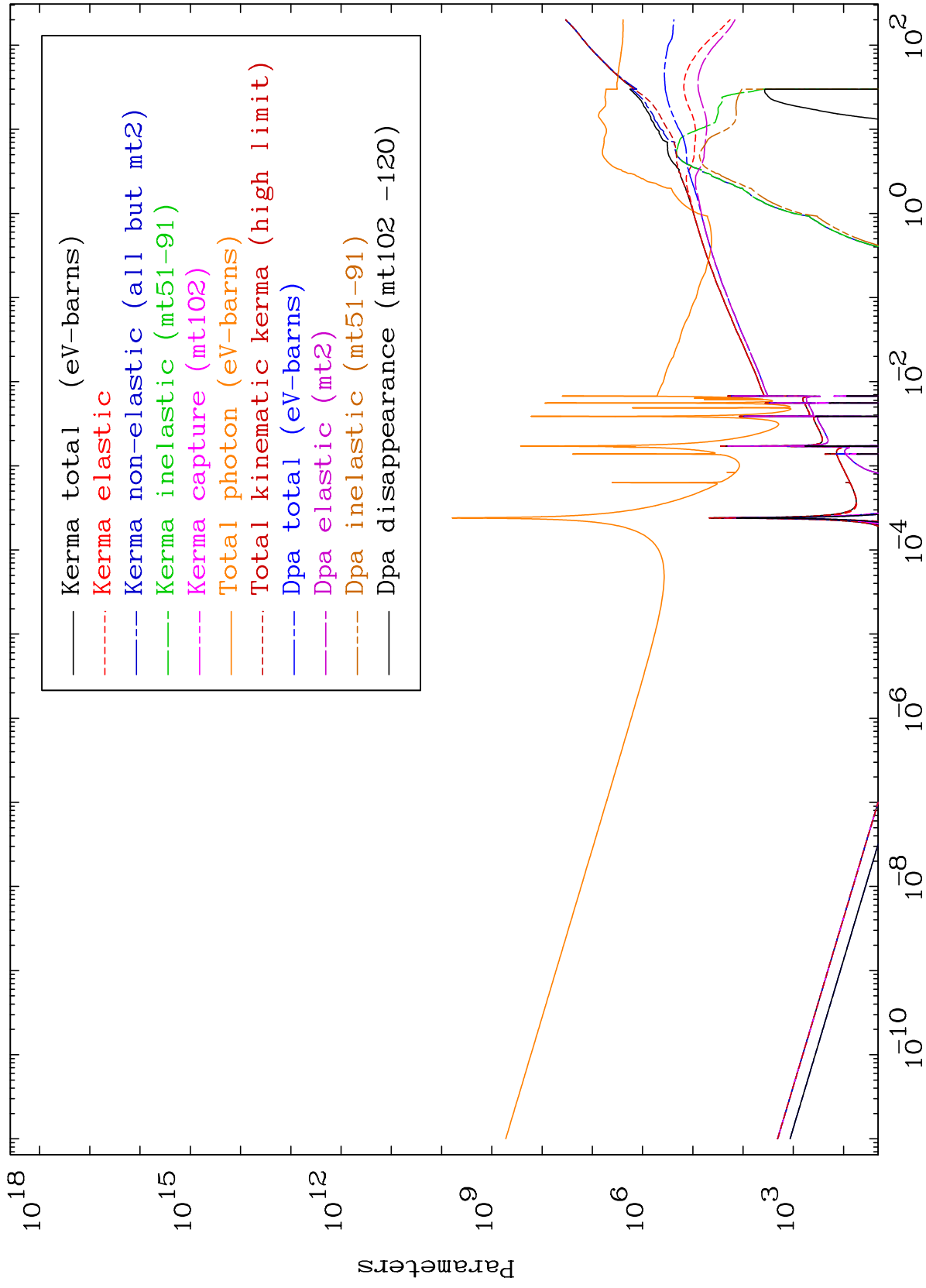
28-Ni-69

MAT 2858

28-Ni-69

(n,α) Levels
293 Kelvin Cross Sections





MAT 2858

Elastic Legendre Coefficients

²⁸Ni-69



15

Incident Energy (MeV)

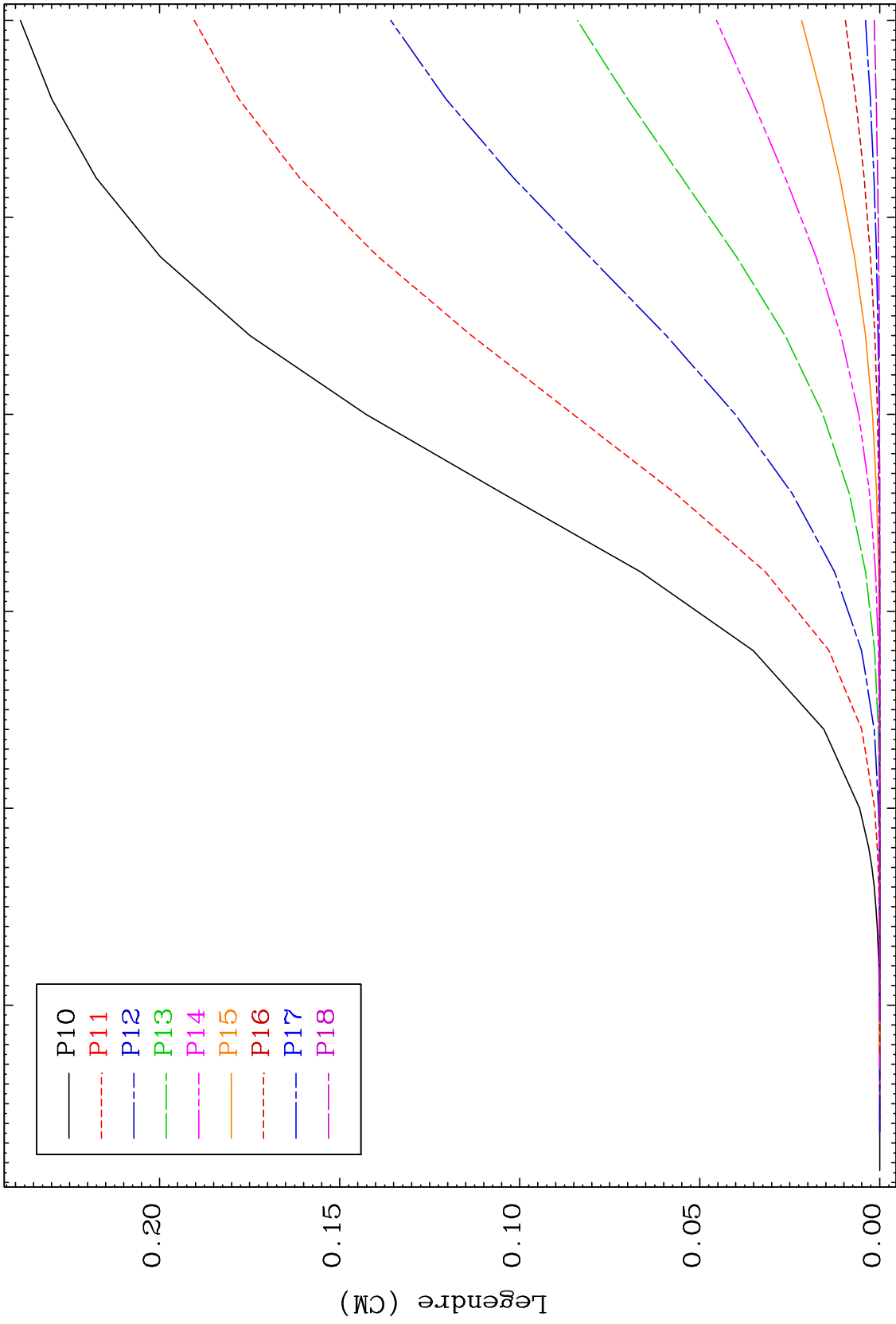
²⁸Ni-69

30

MAT 2858

Elastic Legendre Coefficients

28-Ni-69



16

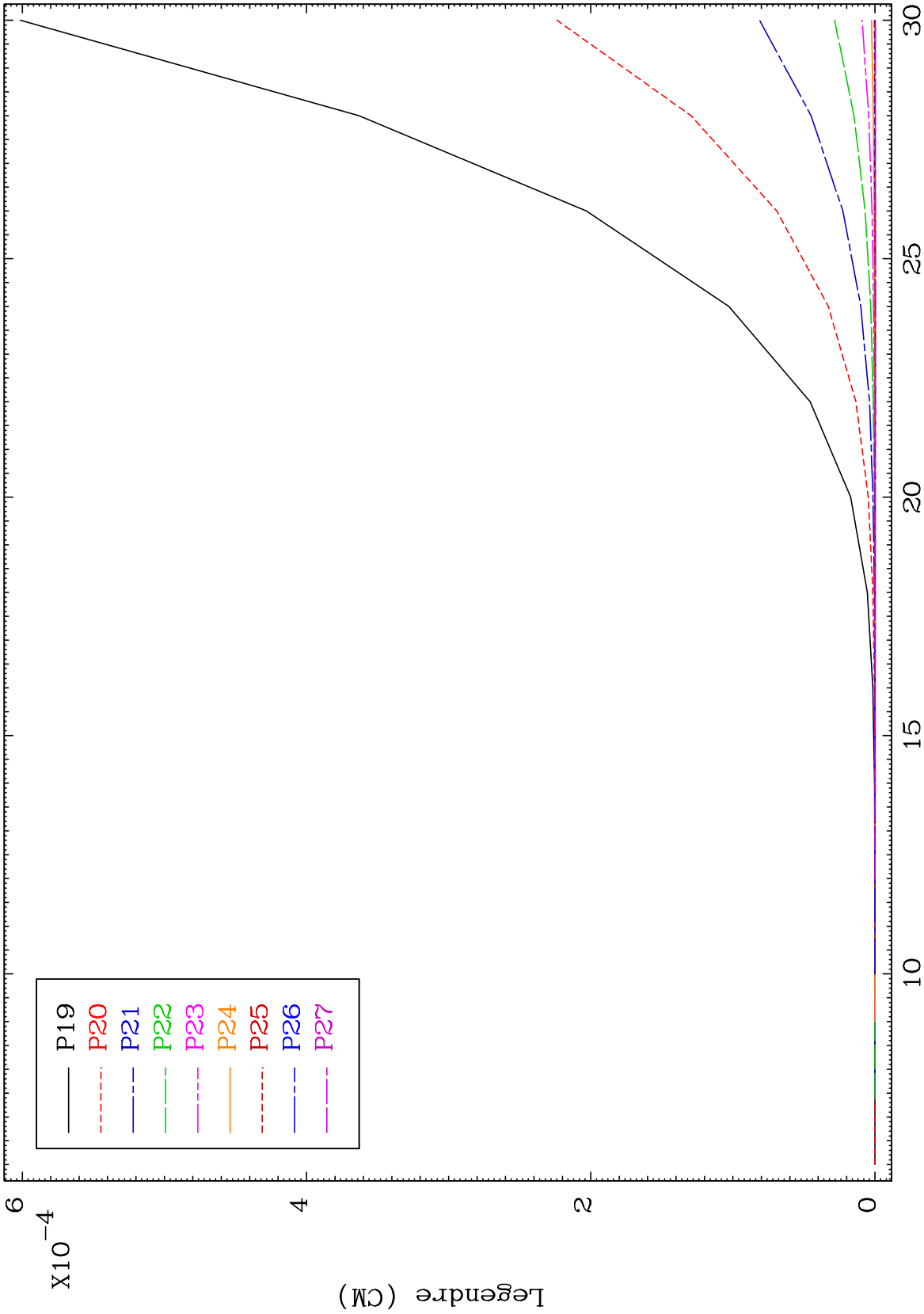
Incident Energy (MeV)

28-Ni-69

MAT 2858

Elastic Legendre Coefficients

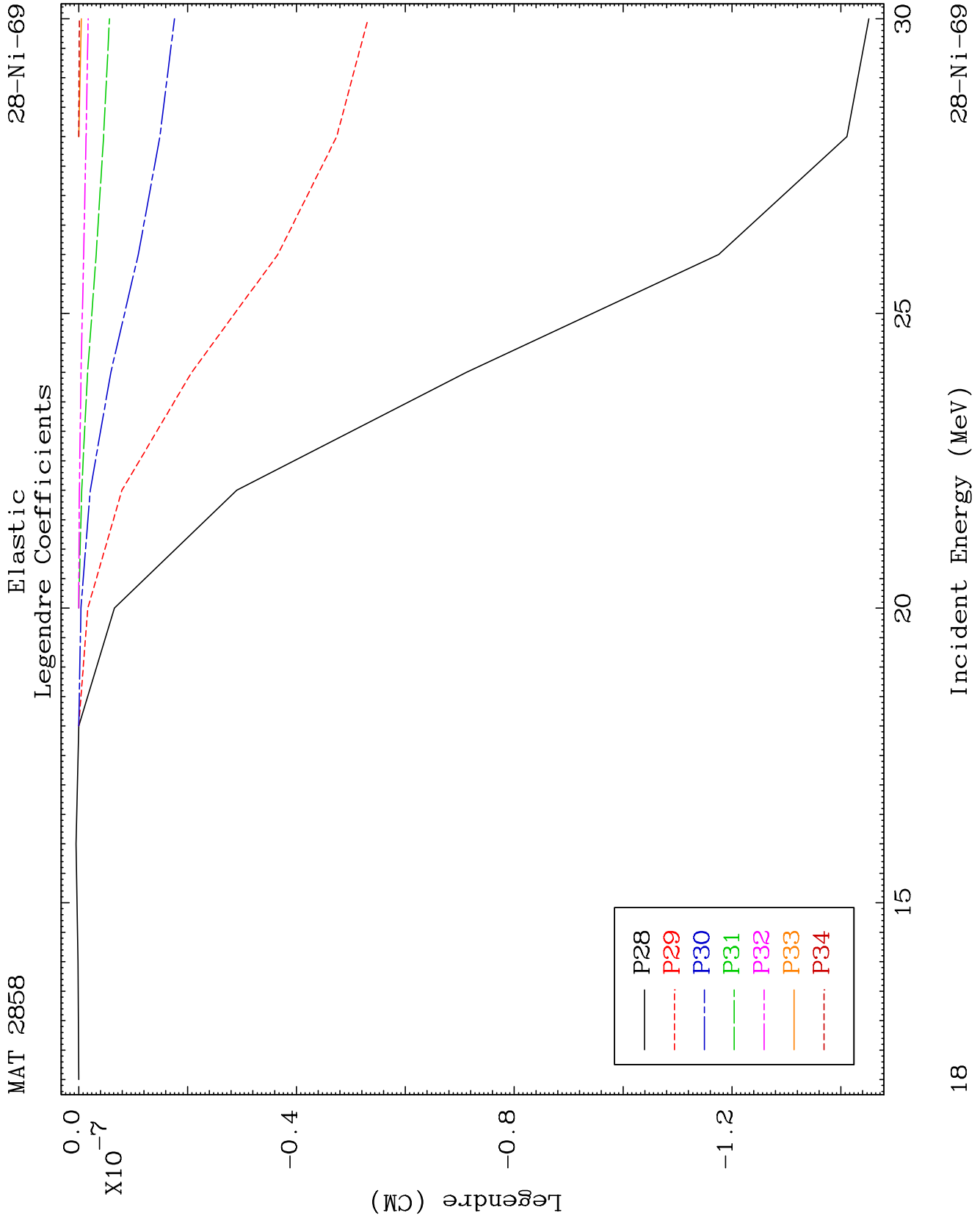
28-Ni-69



17

Incident Energy (MeV)

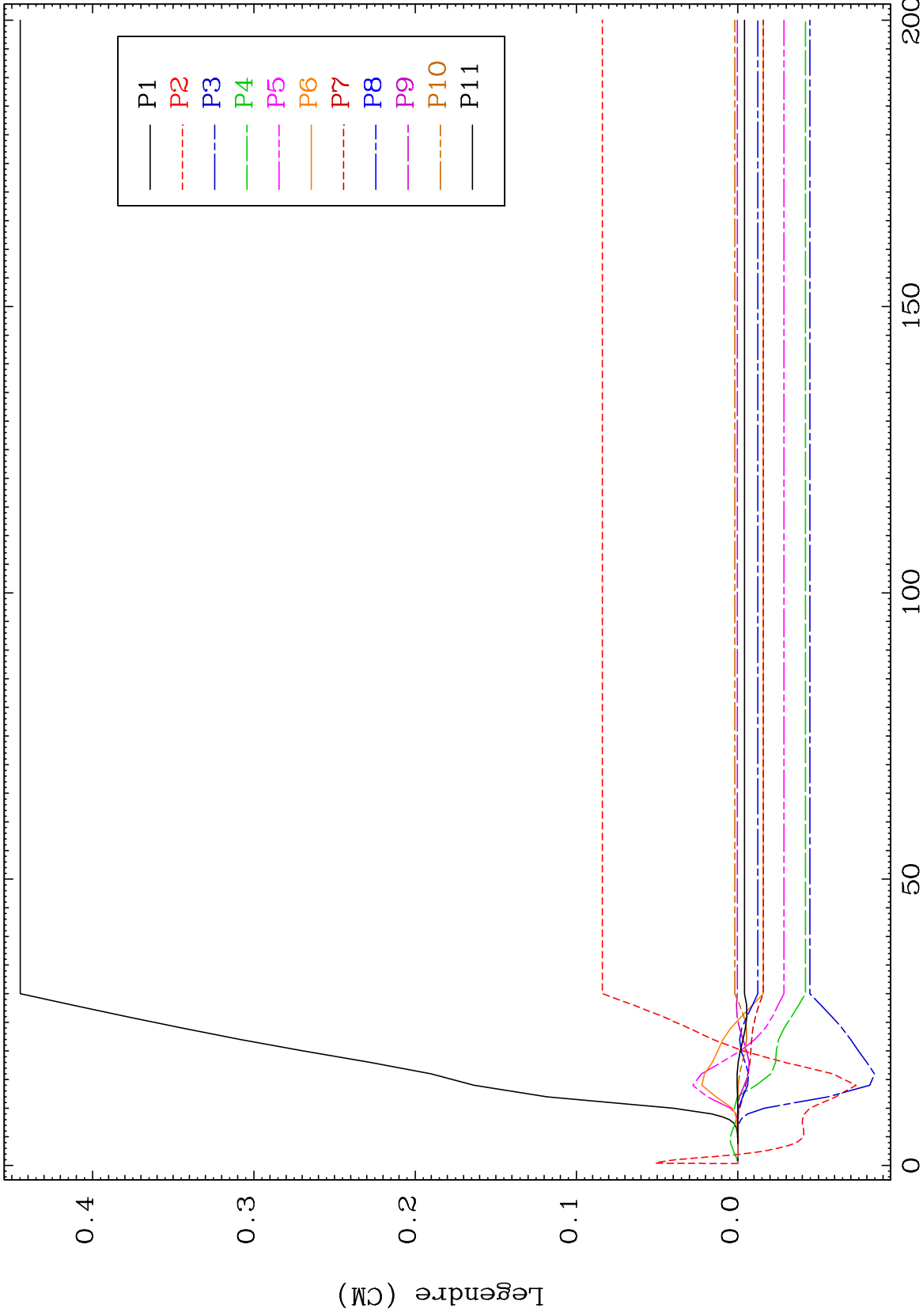
28-Ni-69



MAT 2858

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

28-Ni-69



19

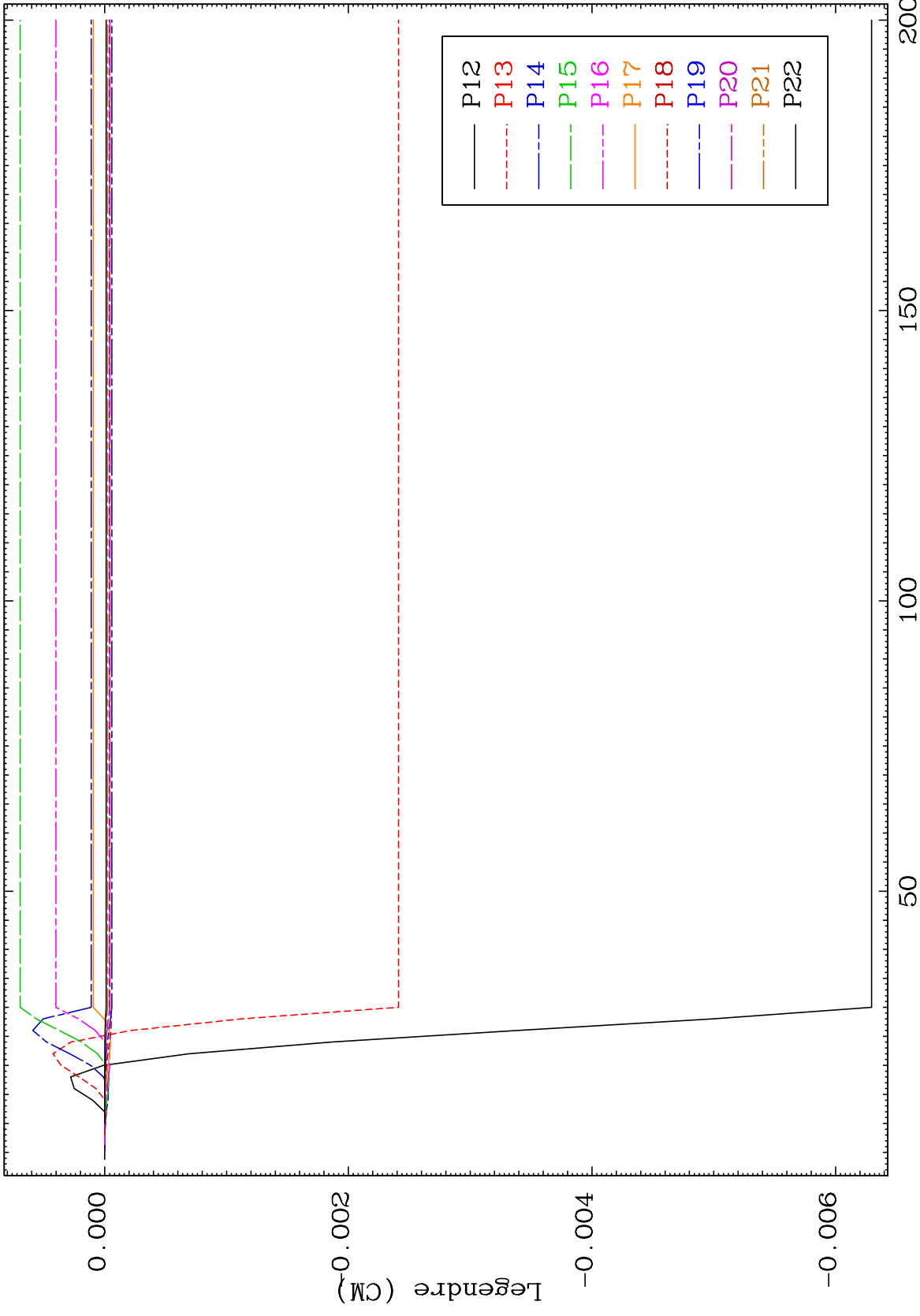
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



28-Ni-69

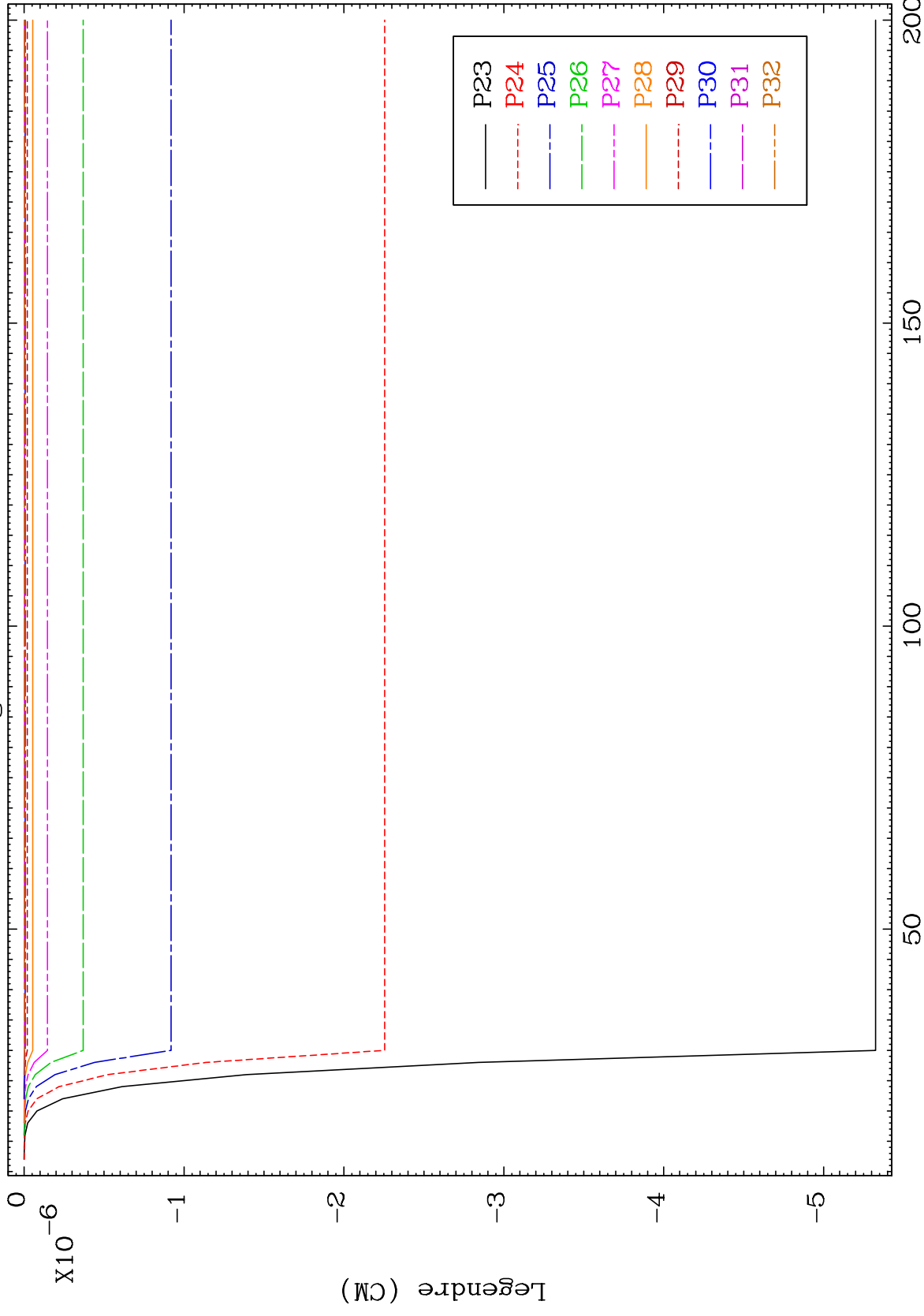
Incident Energy (MeV)

20

MAT 2858

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

28-Ni-69

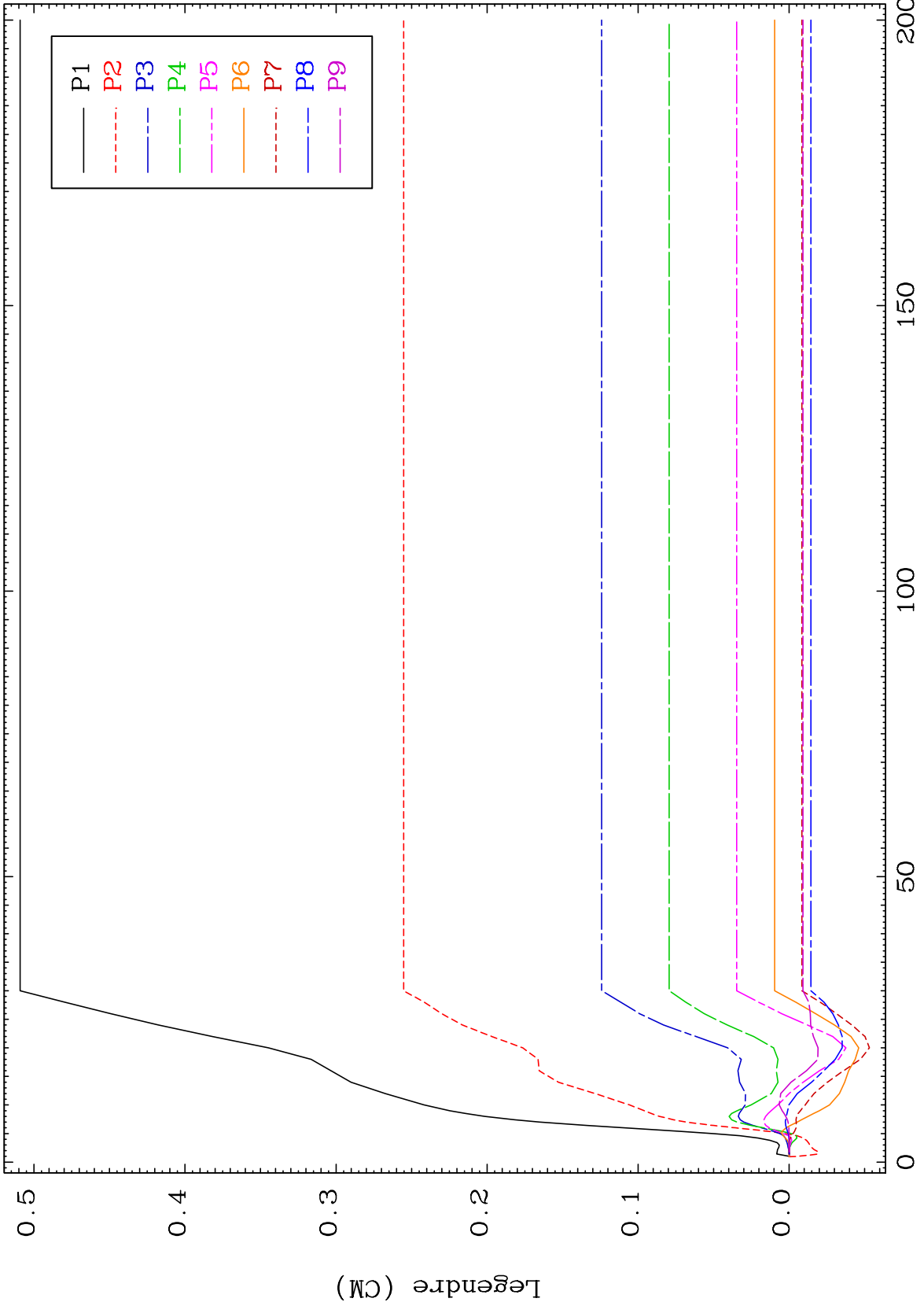


28-Ni-69

Incident Energy (MeV)

21

MAT 2858 MT= 52 (n,n') Level Legendre Coefficients 28-Ni-69

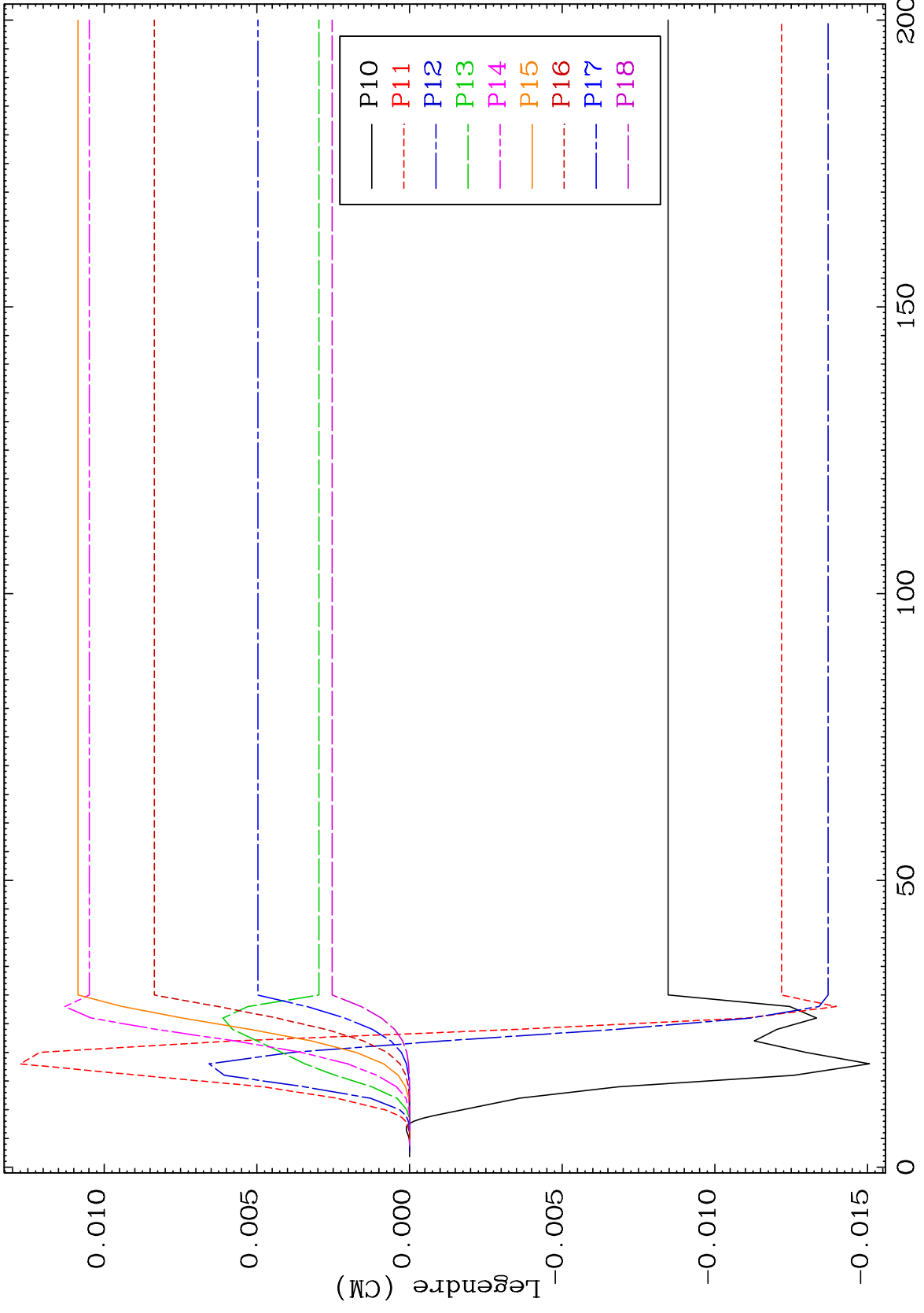


28-Ni-69

MAT 2858

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

28-Ni-69



23

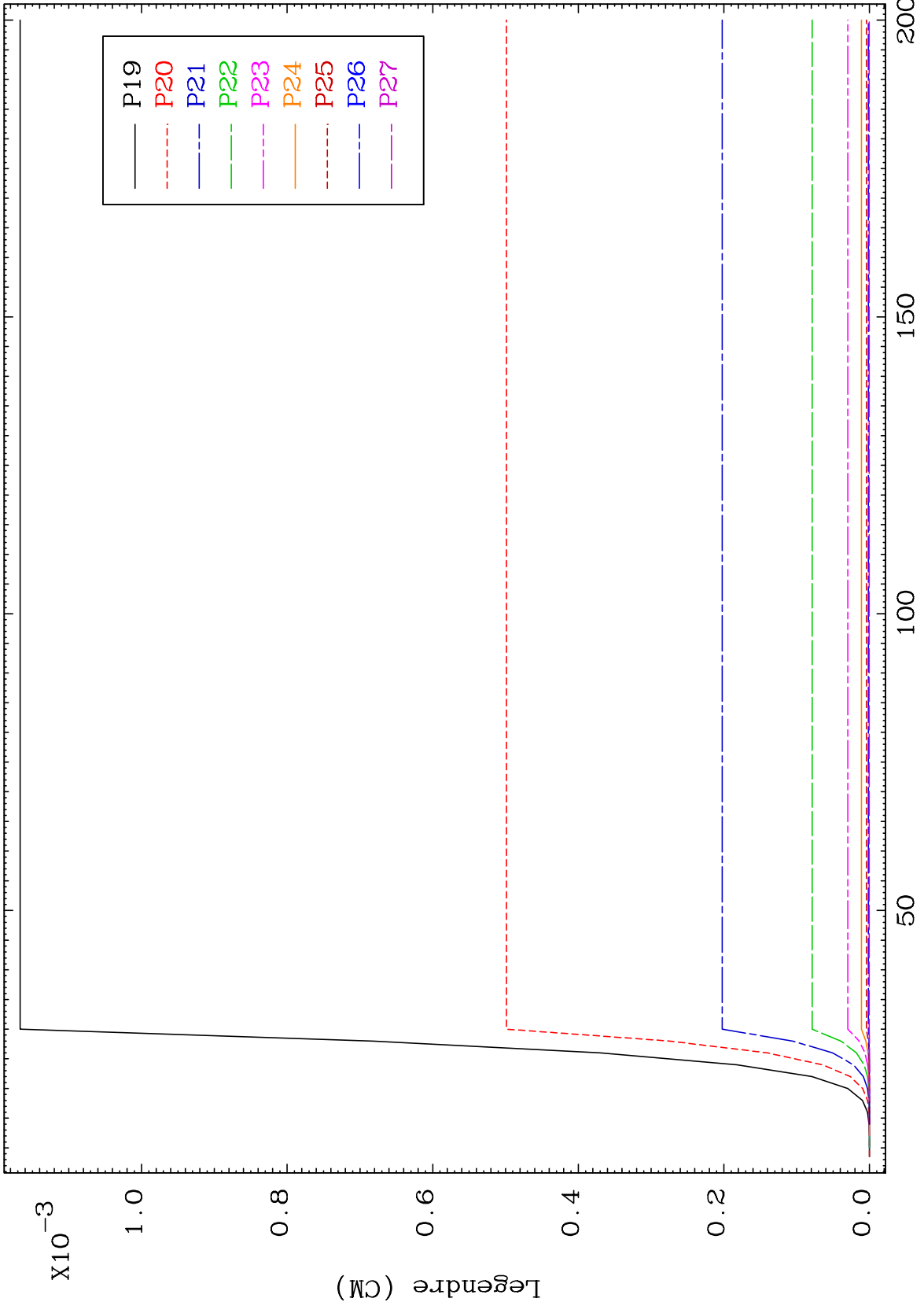
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69

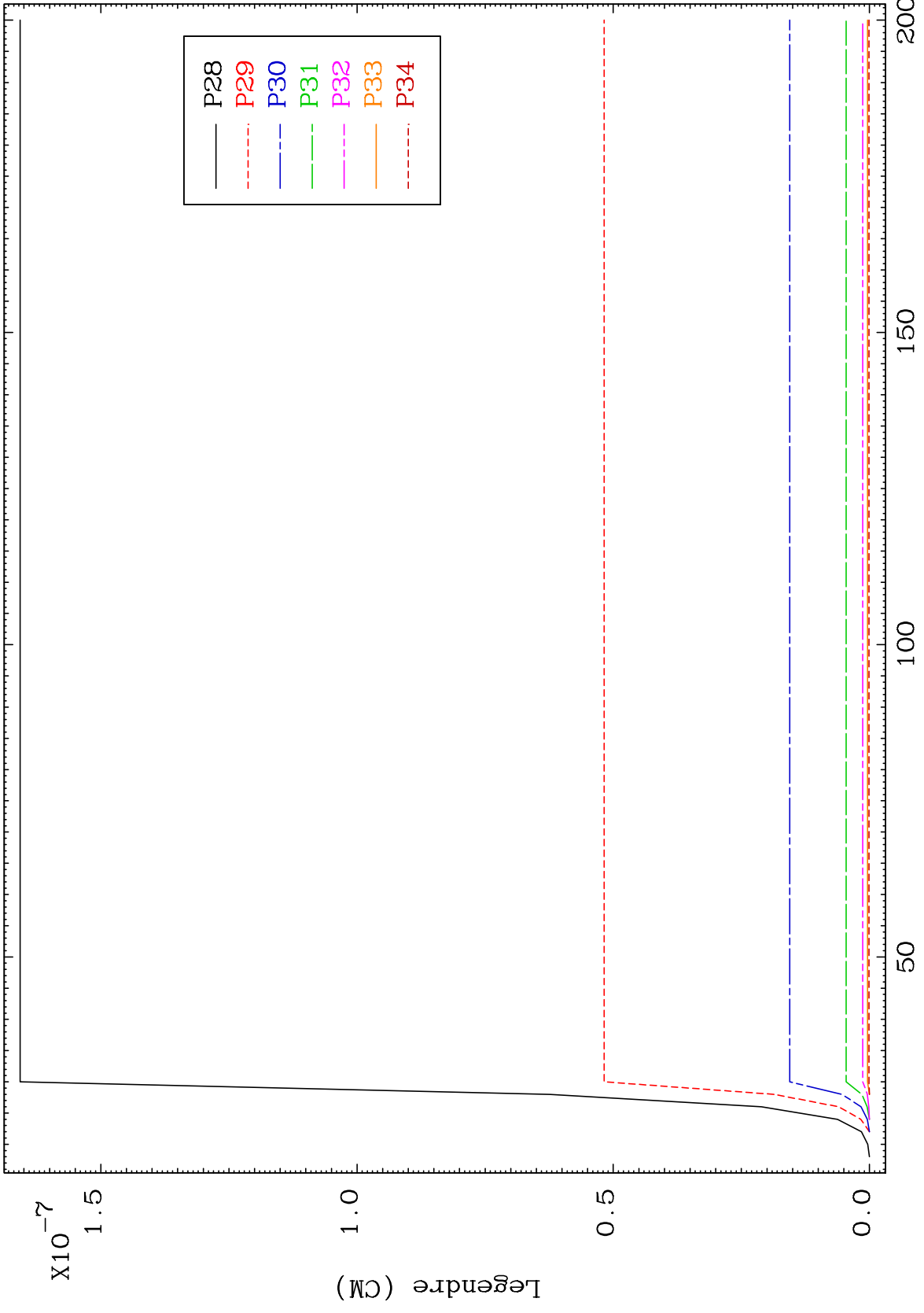


24

Incident Energy (MeV)

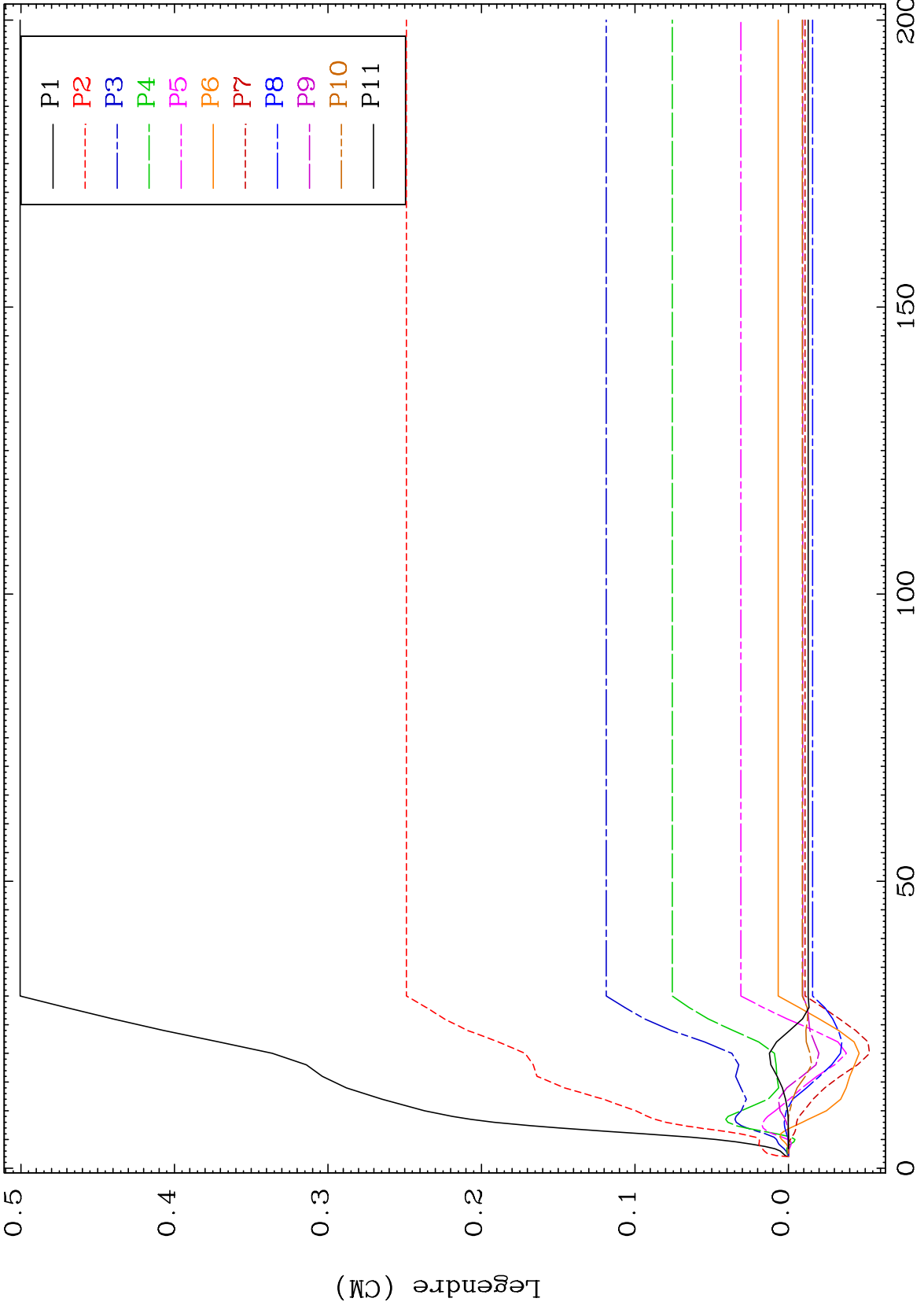
28-Ni-69

MAT 2858 MT= 52 (n,n') Level Legendre Coefficients 28-Ni-69



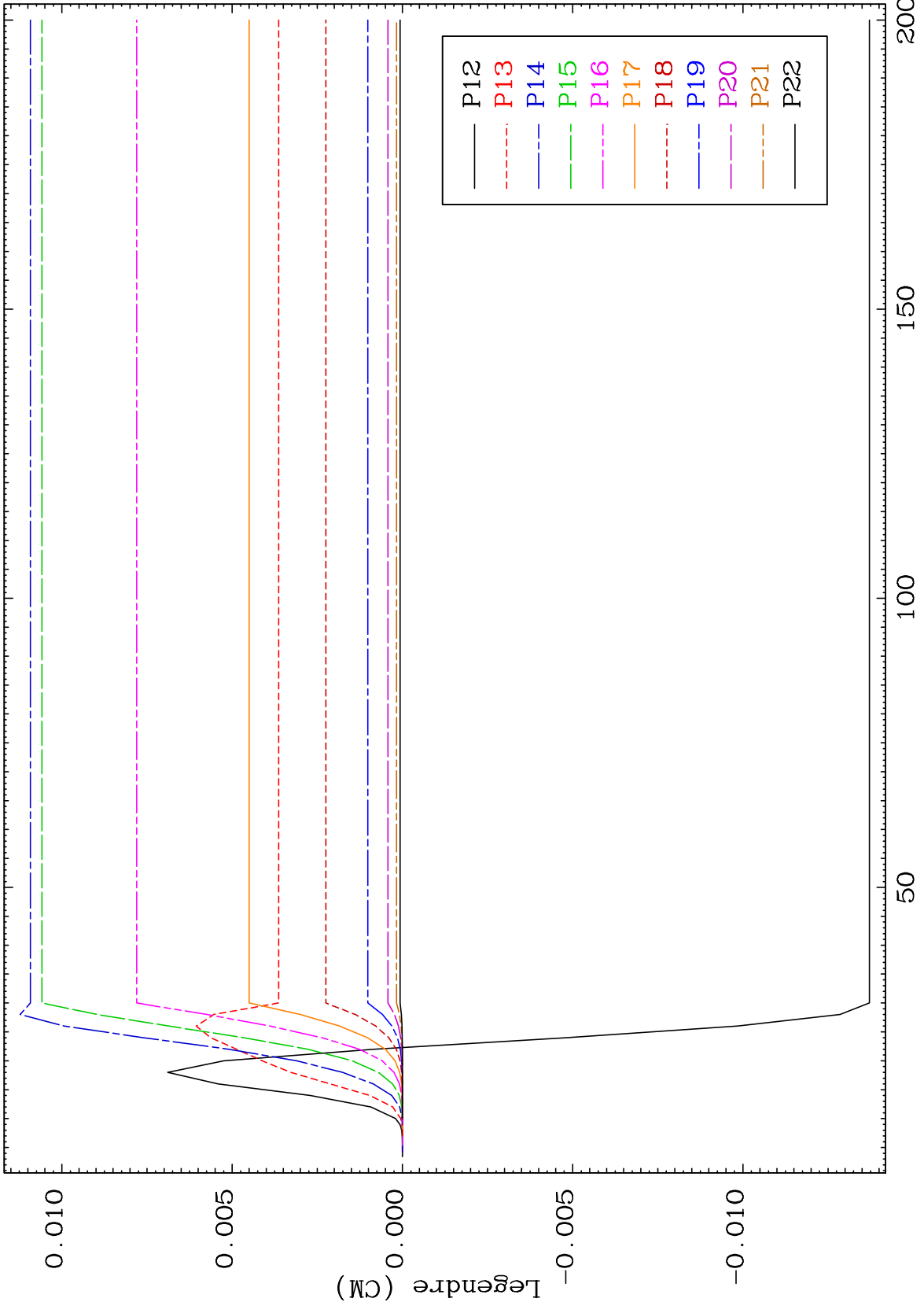
28-Ni-69

MAT 2858 MT= 53 (n,n') Level Legendre Coefficients 28-Ni-69



26 Incident Energy (MeV) 28-Ni-69

MAT 2858 MT= 53 (n,n') Level Legendre Coefficients 28-Ni-69

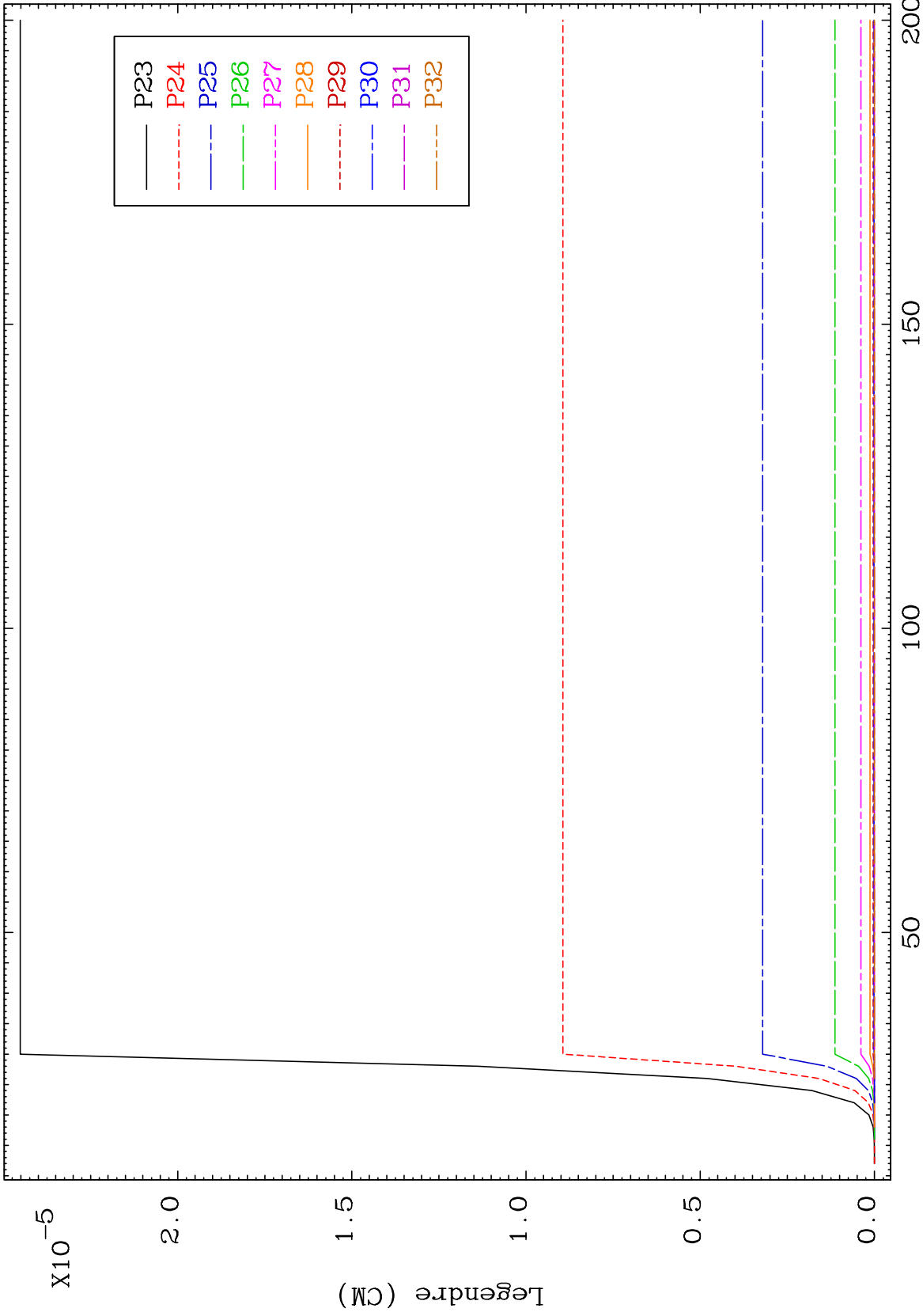


27 Incident Energy (MeV) 28-Ni-69

MAT 2858

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

28-Ni-69



28

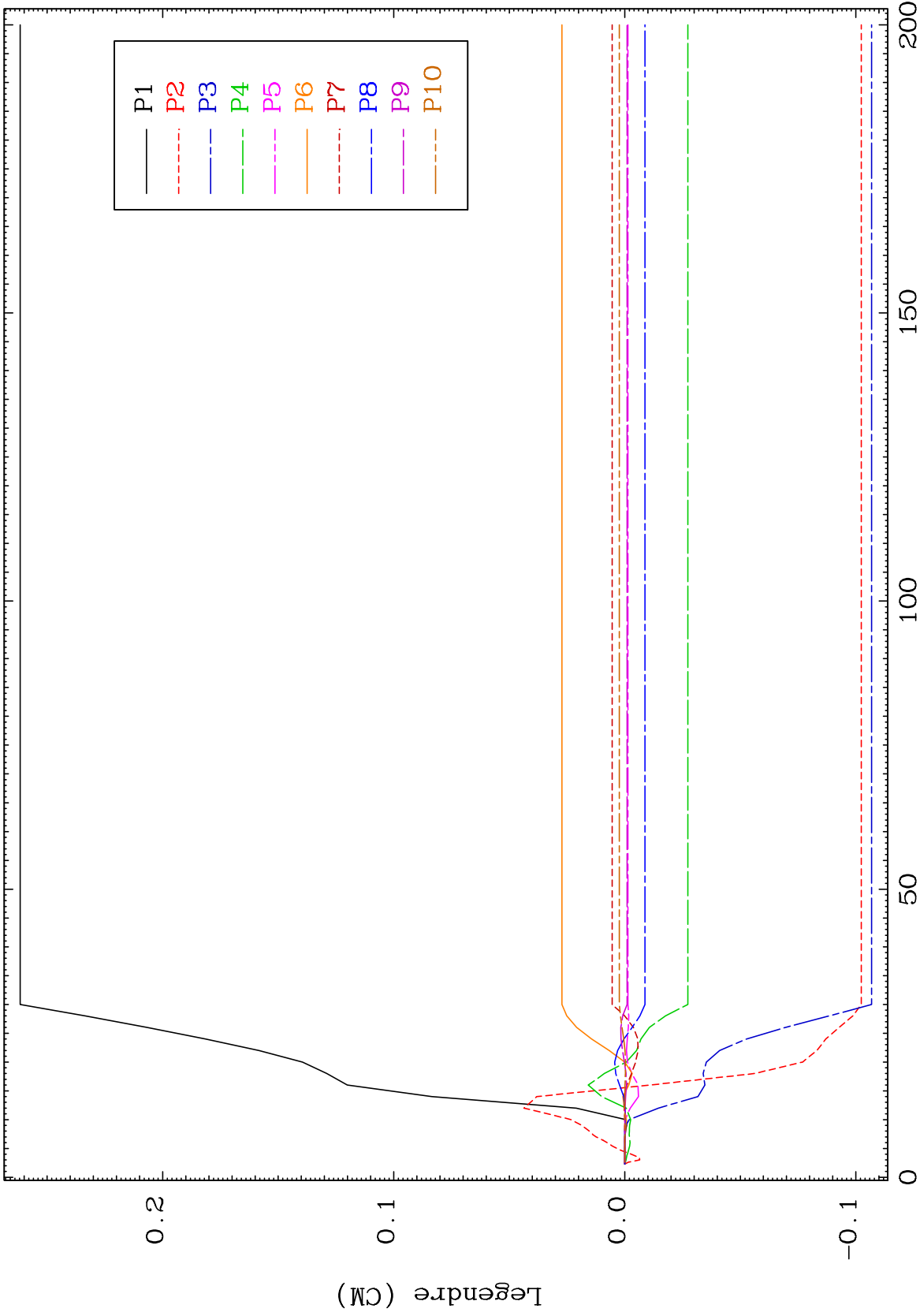
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



29

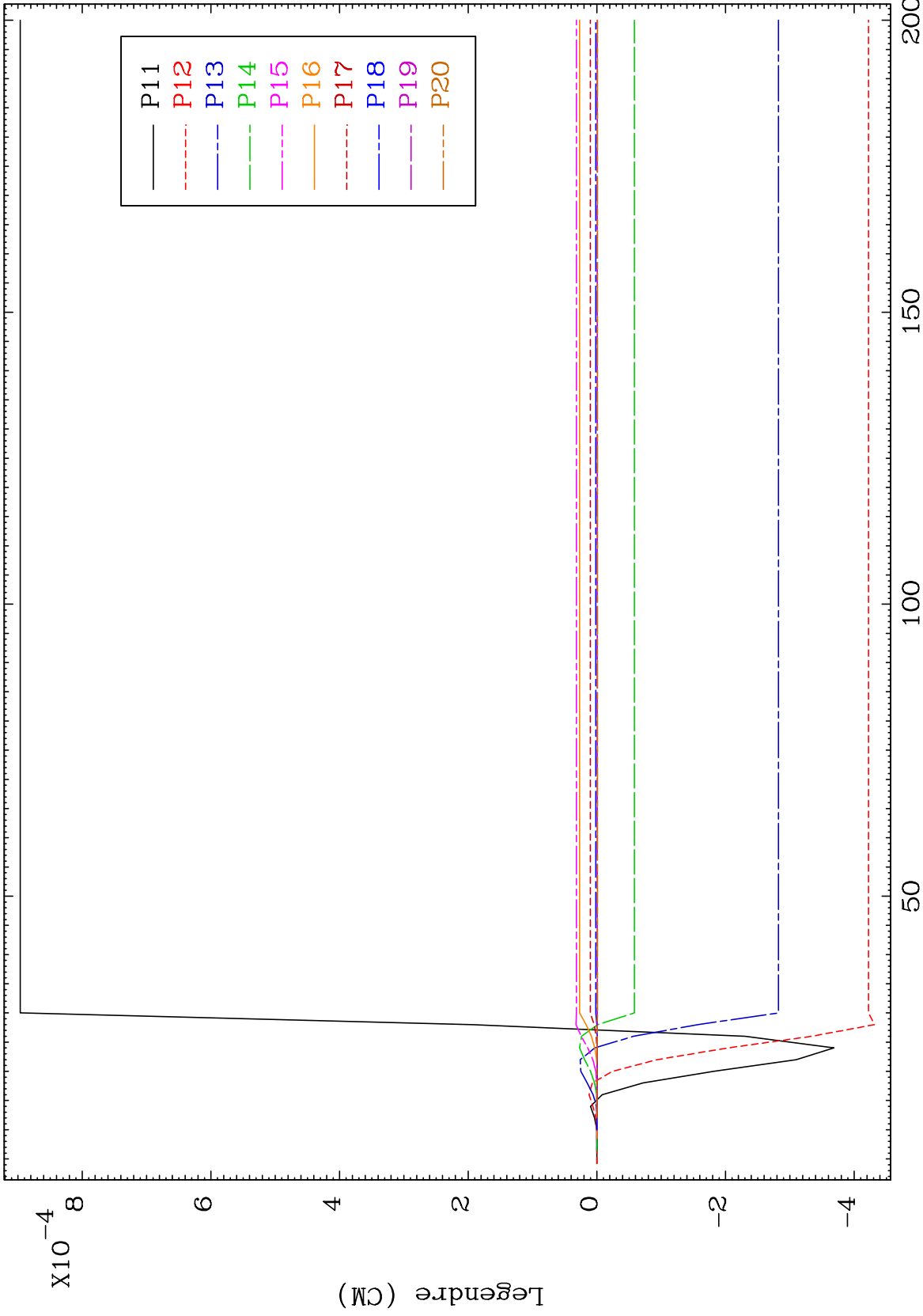
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



30

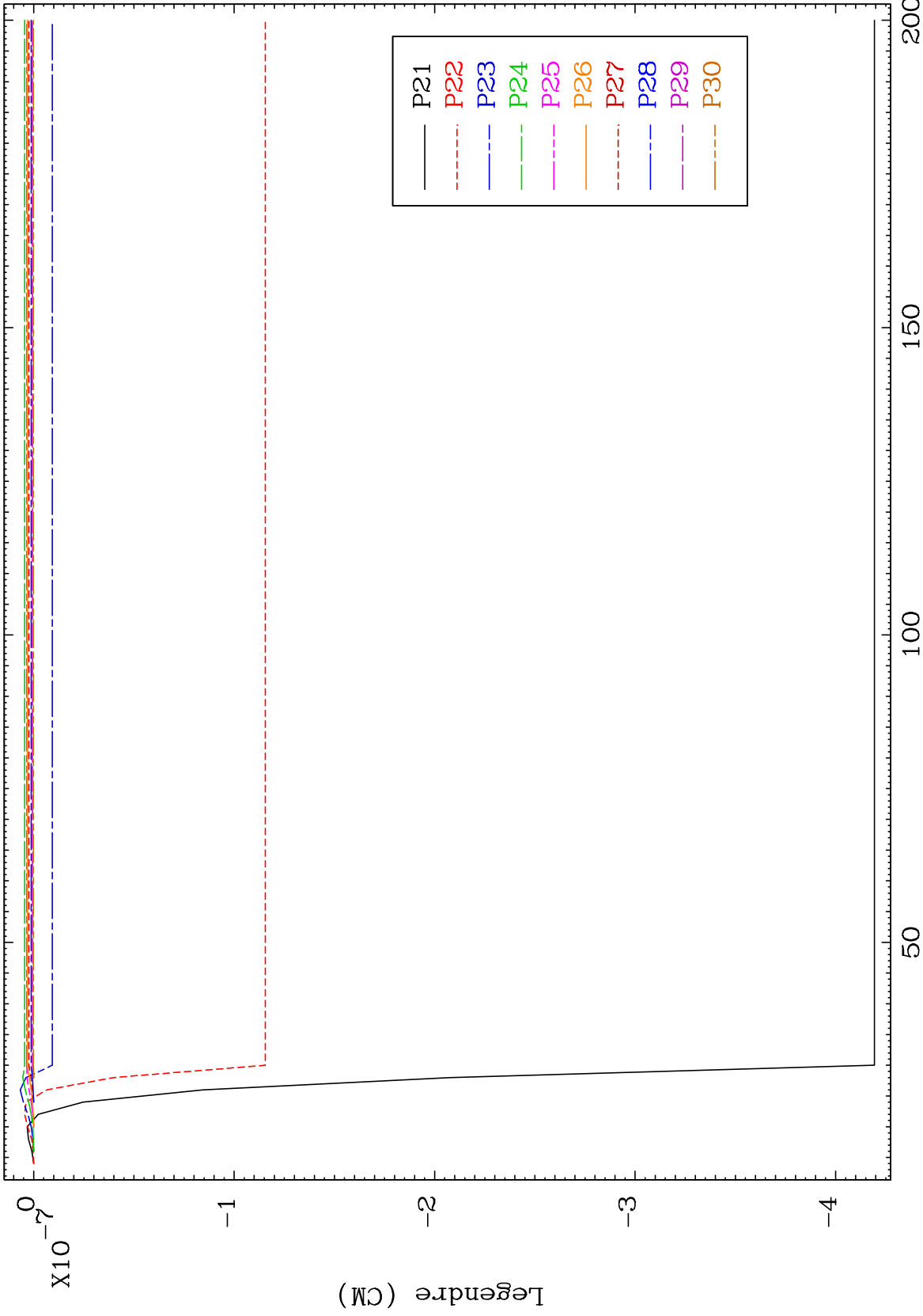
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69

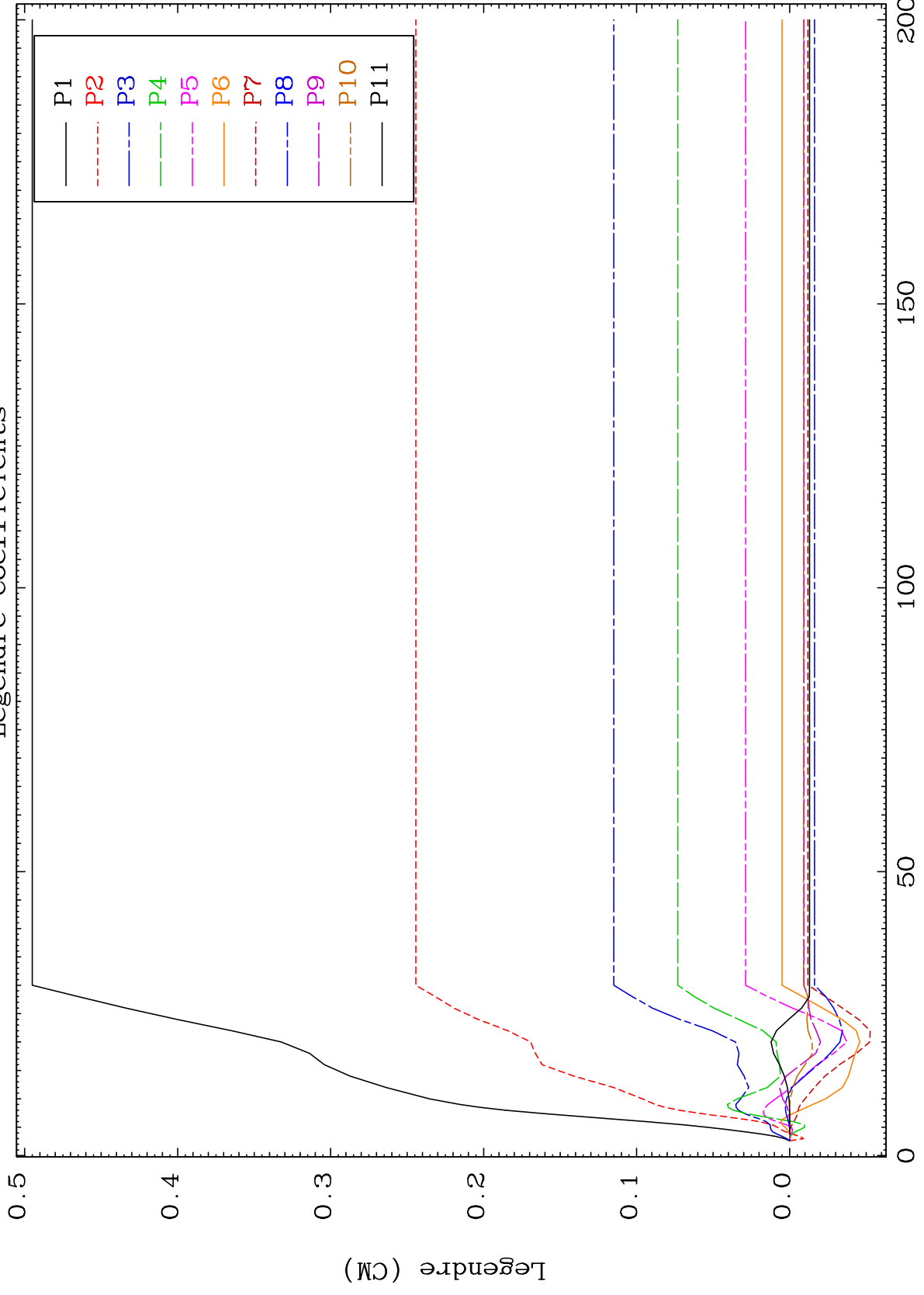


28-Ni-69

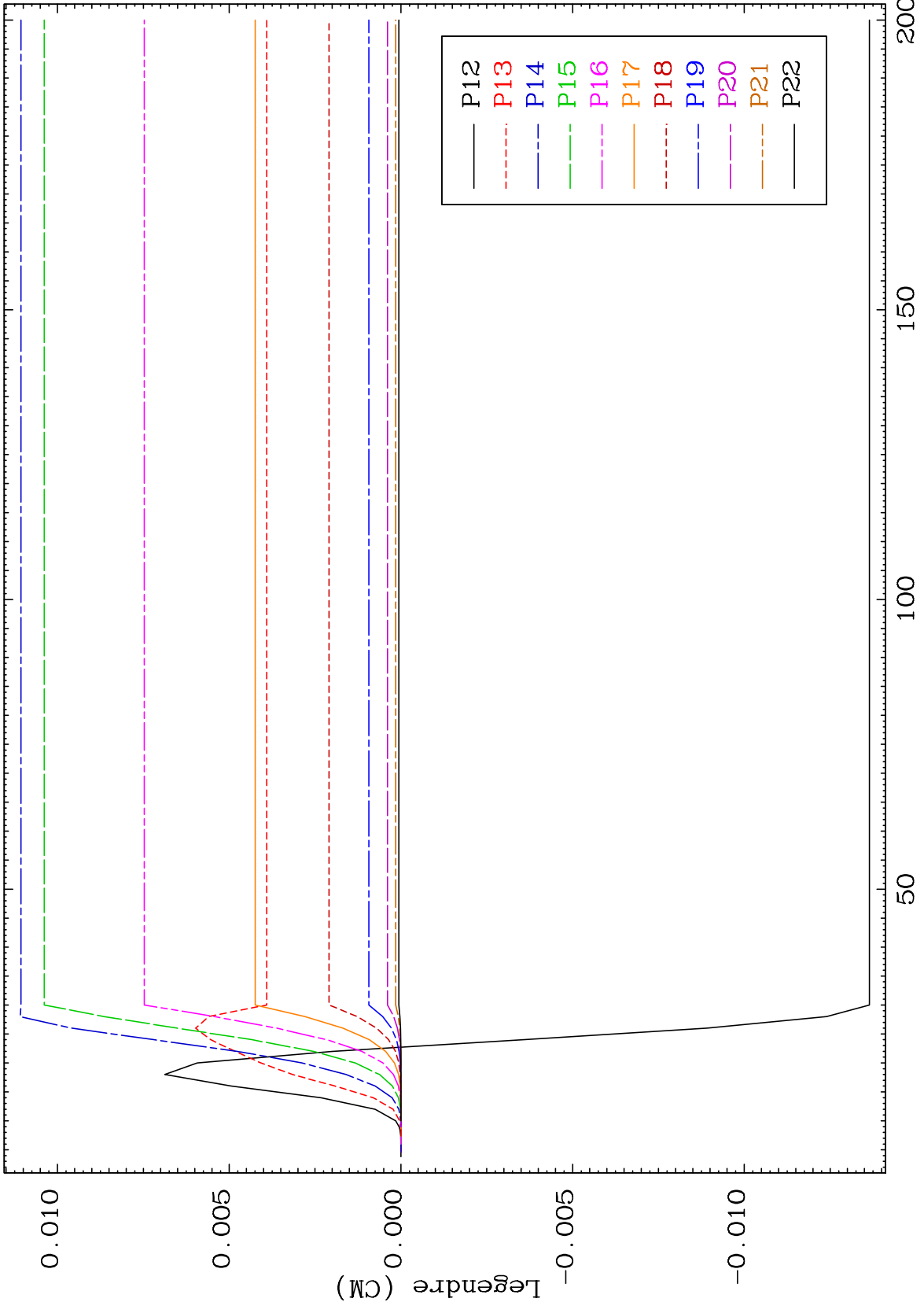
Incident Energy (MeV)

31

MAT 2858 MT= 55 (n,n') Level Legendre Coefficients 28-Ni-69



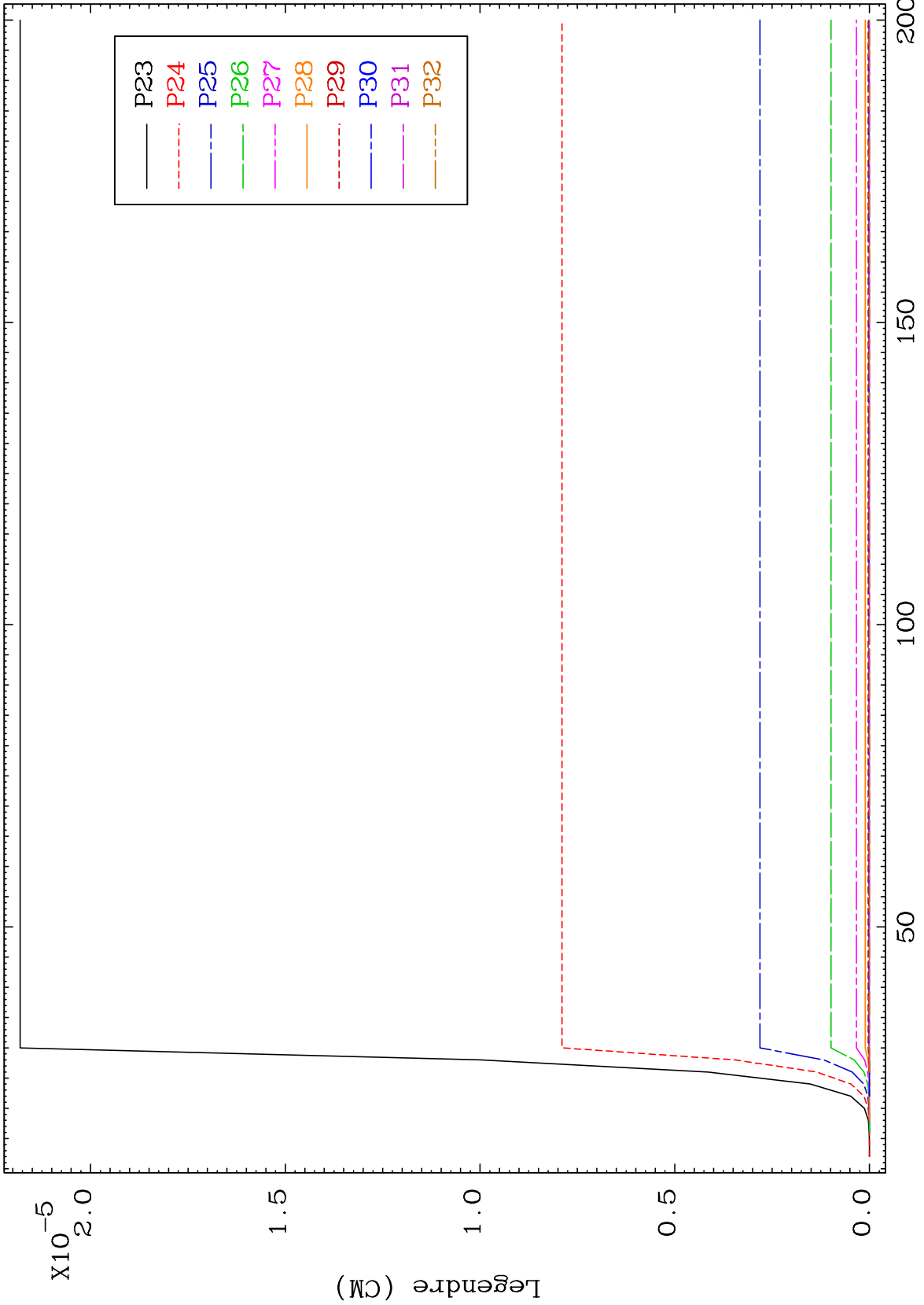
32 Incident Energy (MeV) 28-Ni-69



MAT 2858

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

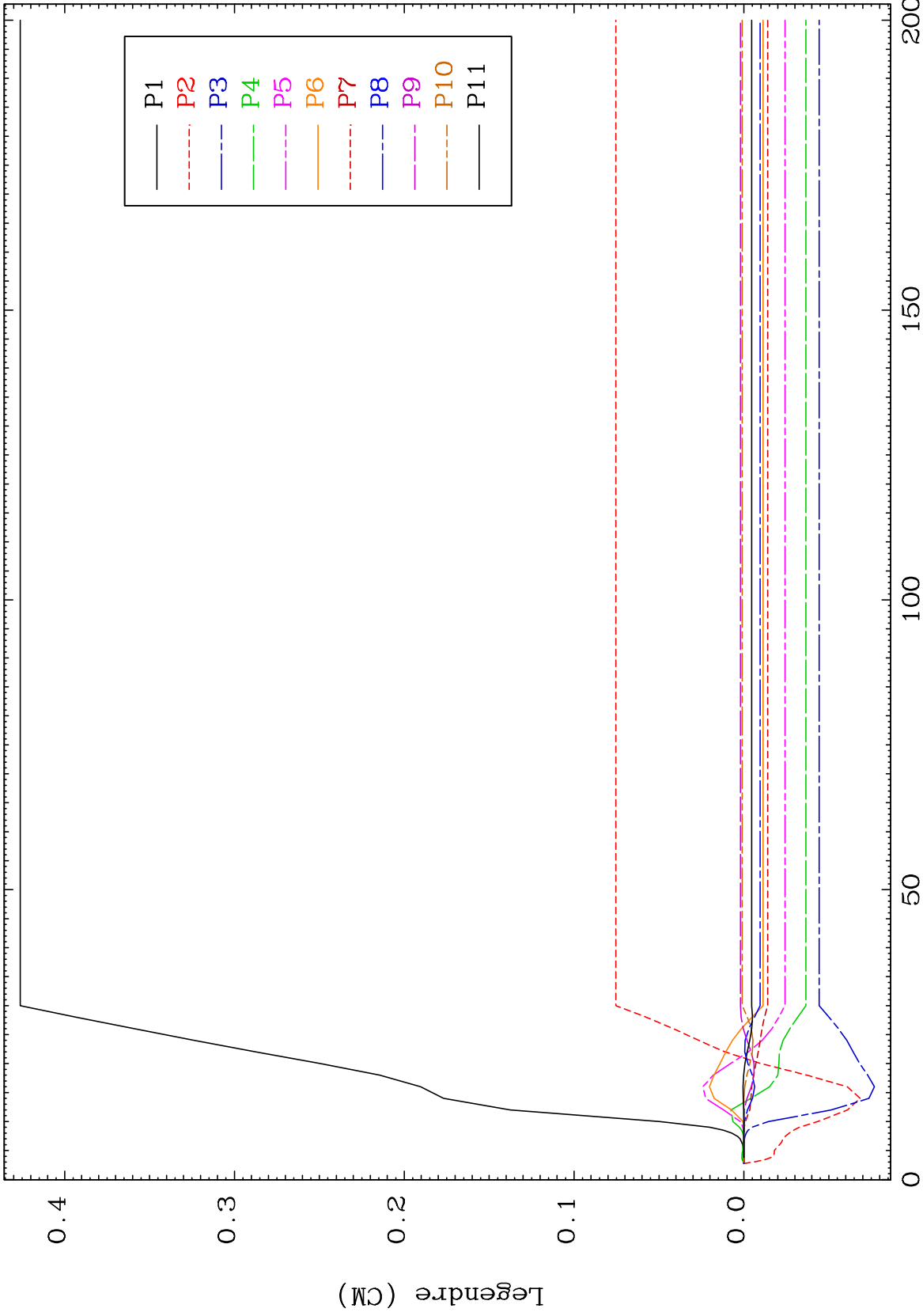
28-Ni-69



MAT 2858

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

28-Ni-69



35

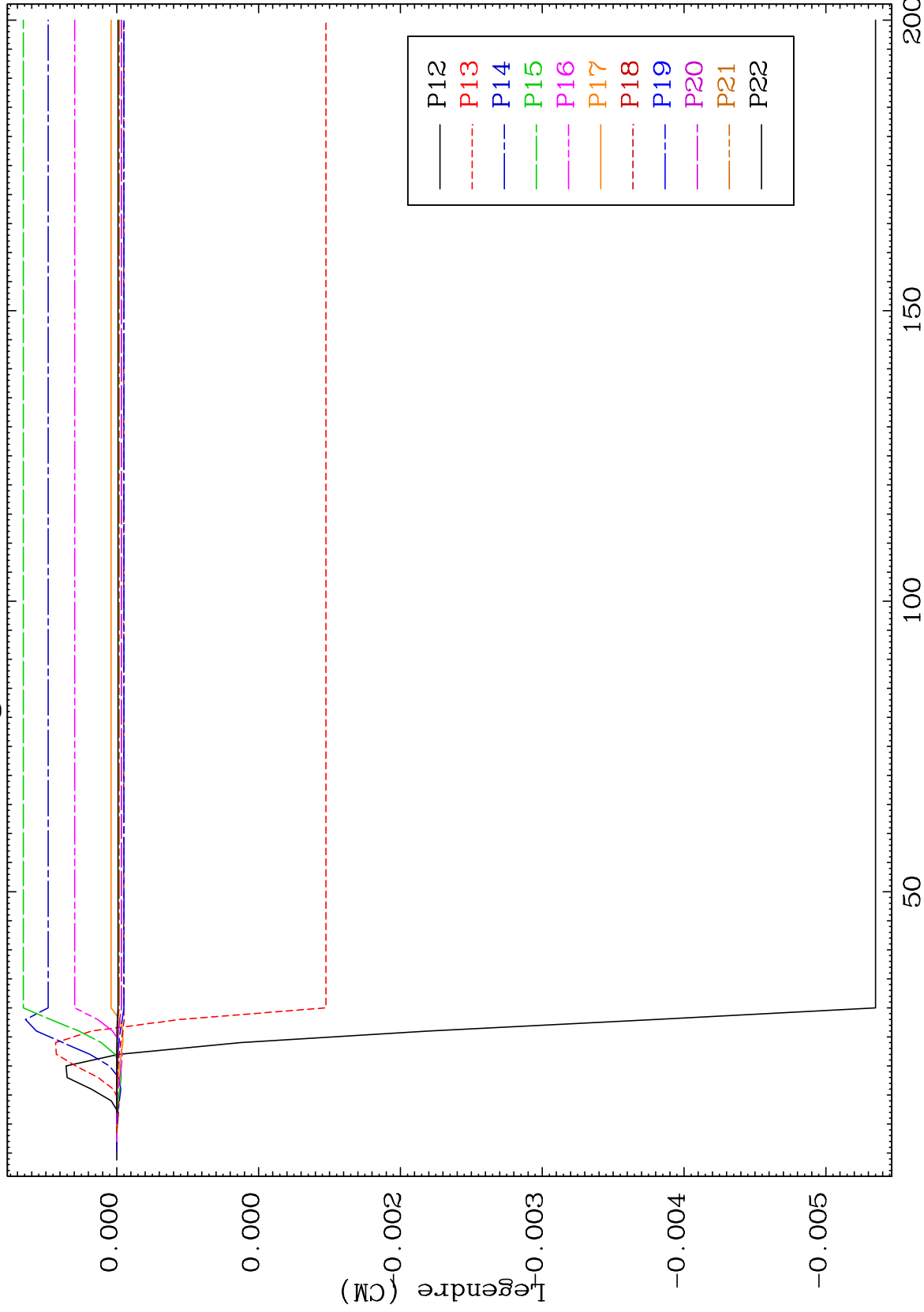
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



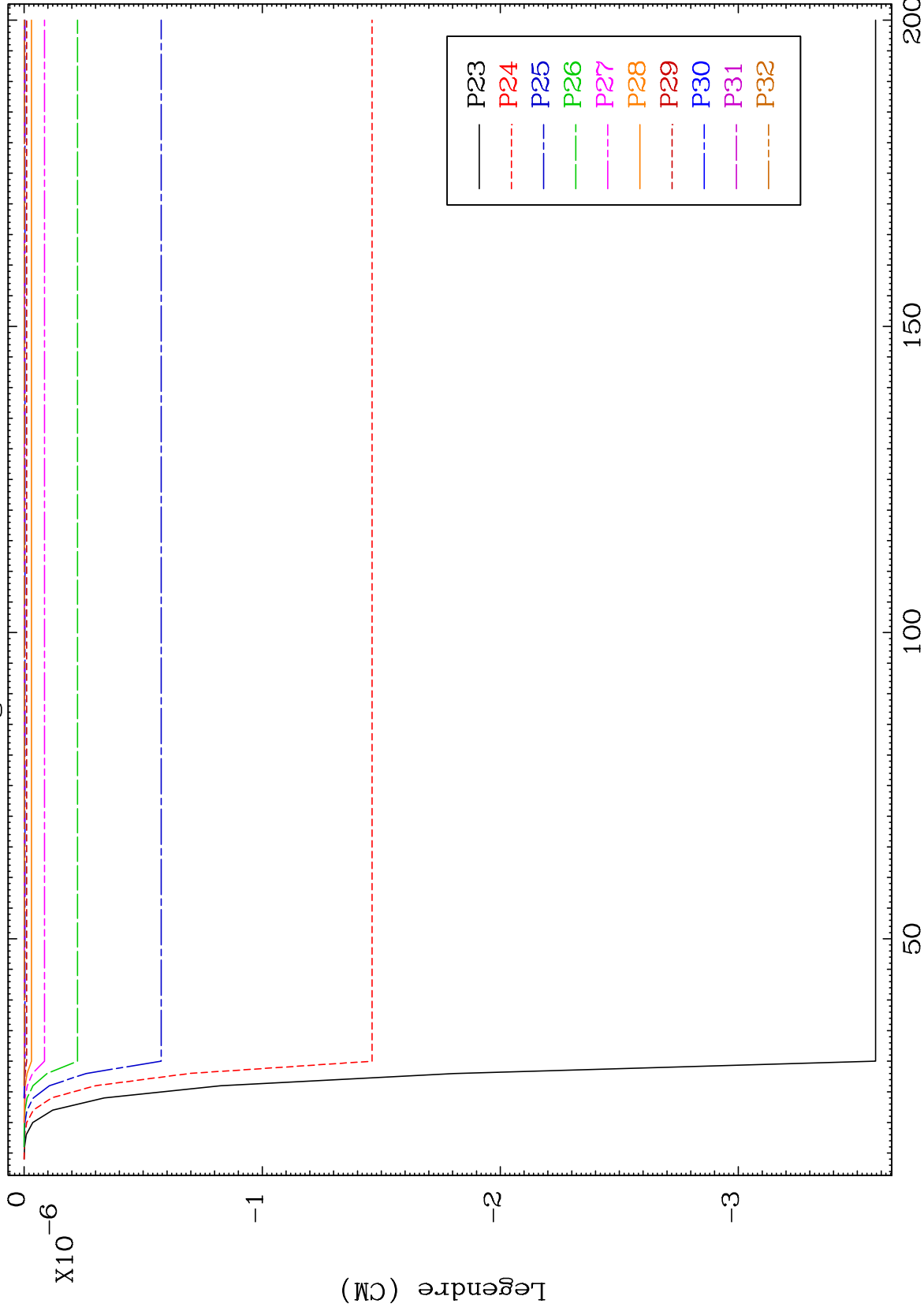
36

28-Ni-69

MAT 2858

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

28-Ni-69



28-Ni-69

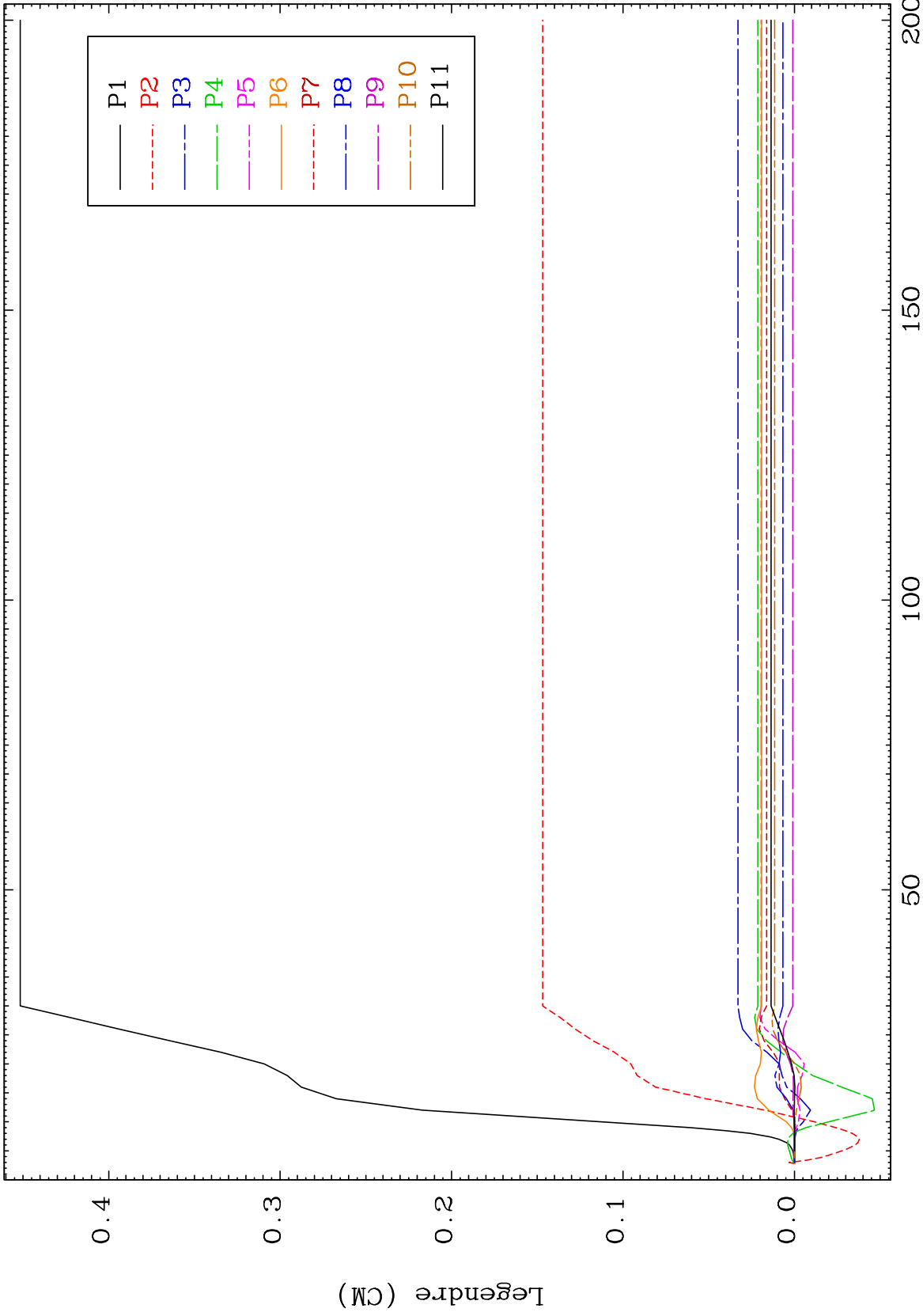
Incident Energy (MeV)

37

MAT 2858

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

28-Ni-69



38

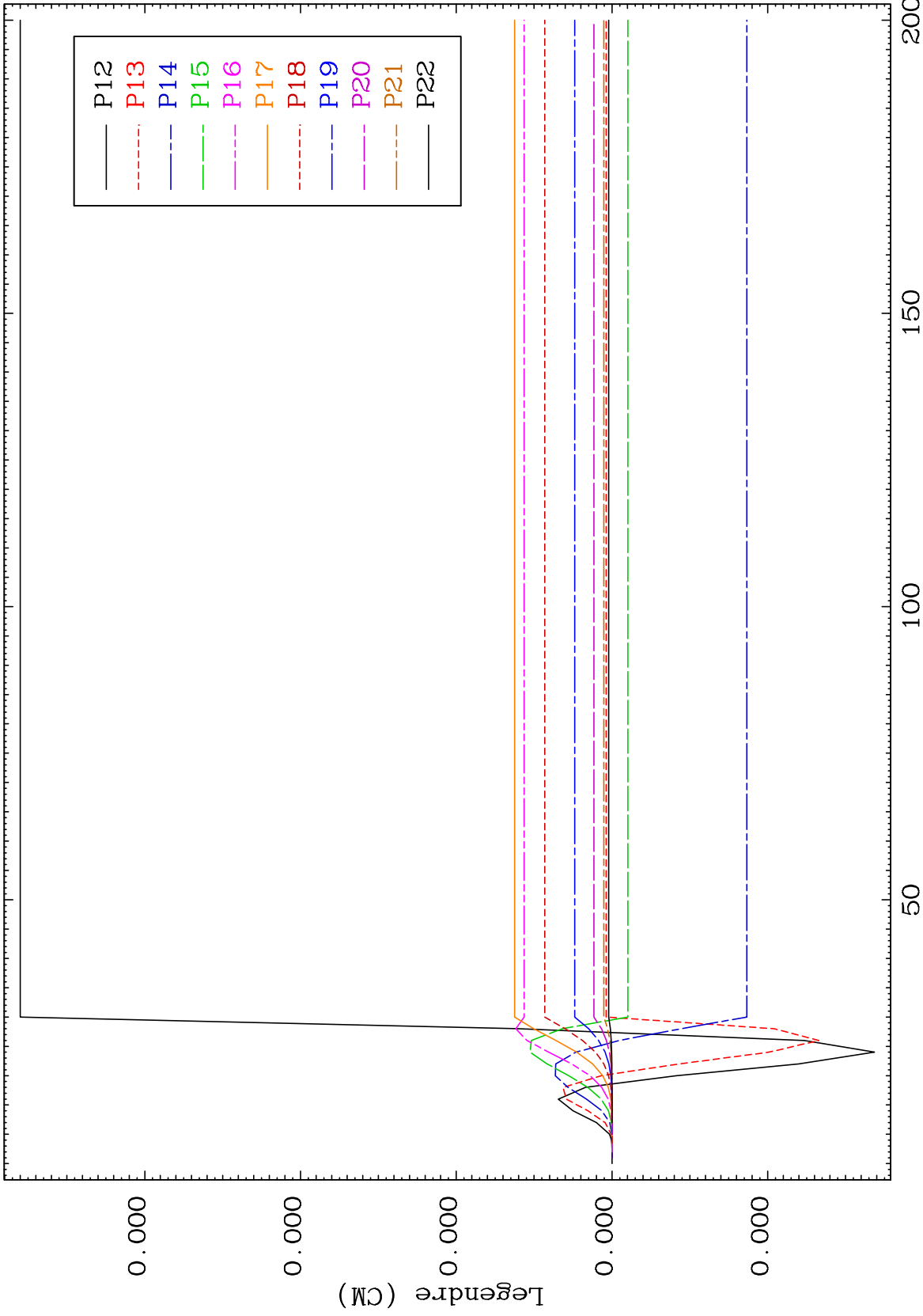
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



39

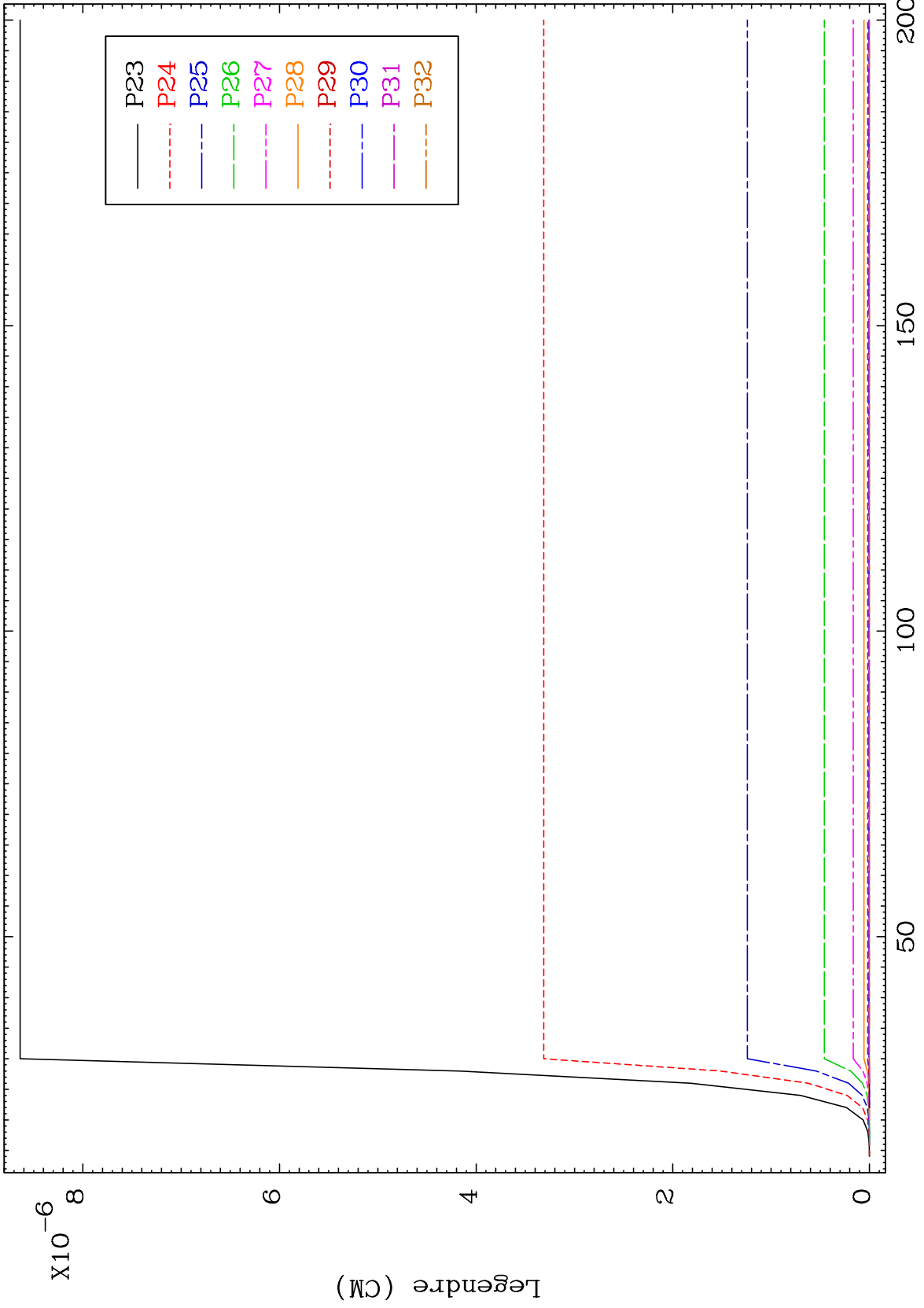
Incident Energy (MeV)

28-Ni-69

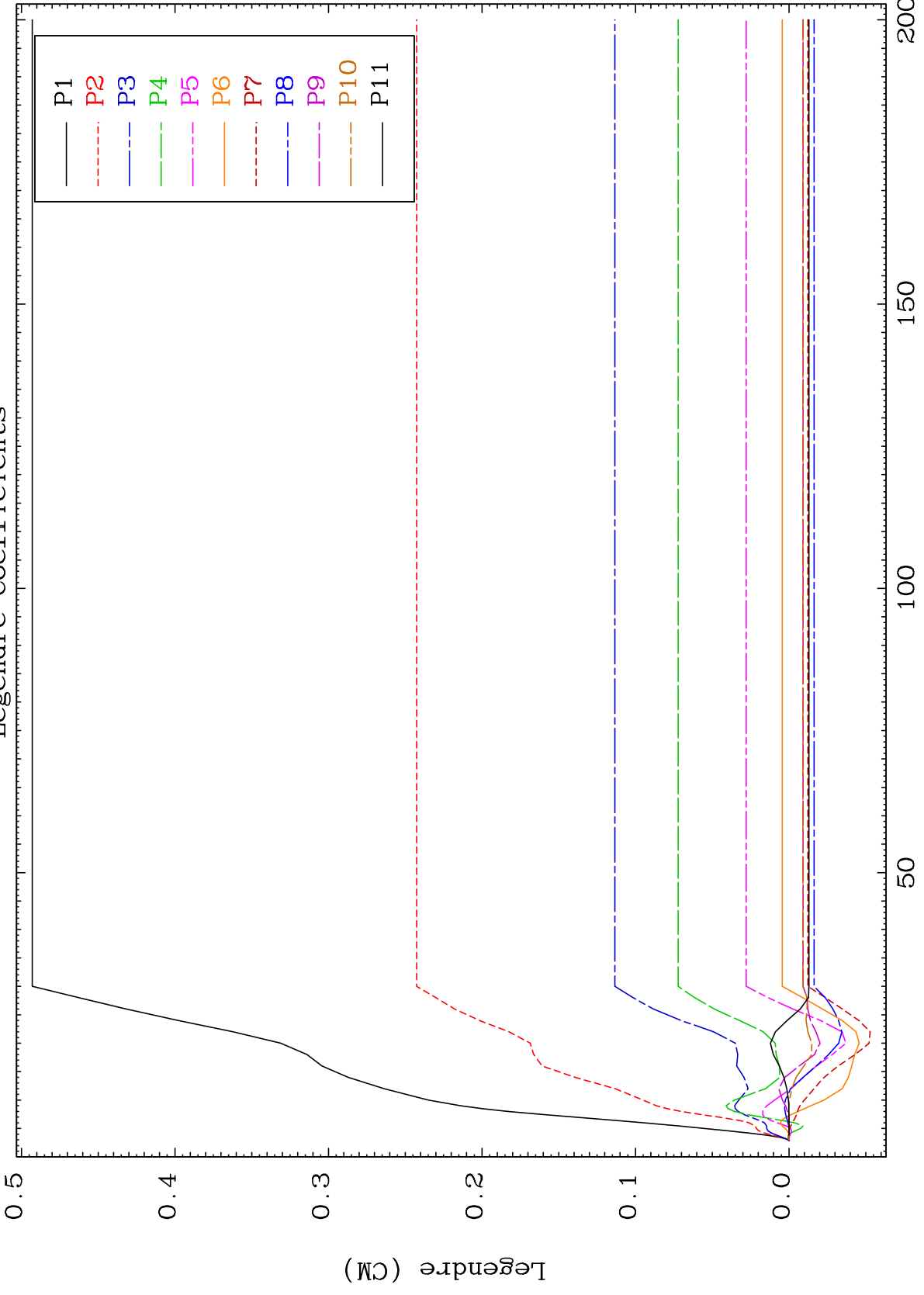
MAT 2858

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

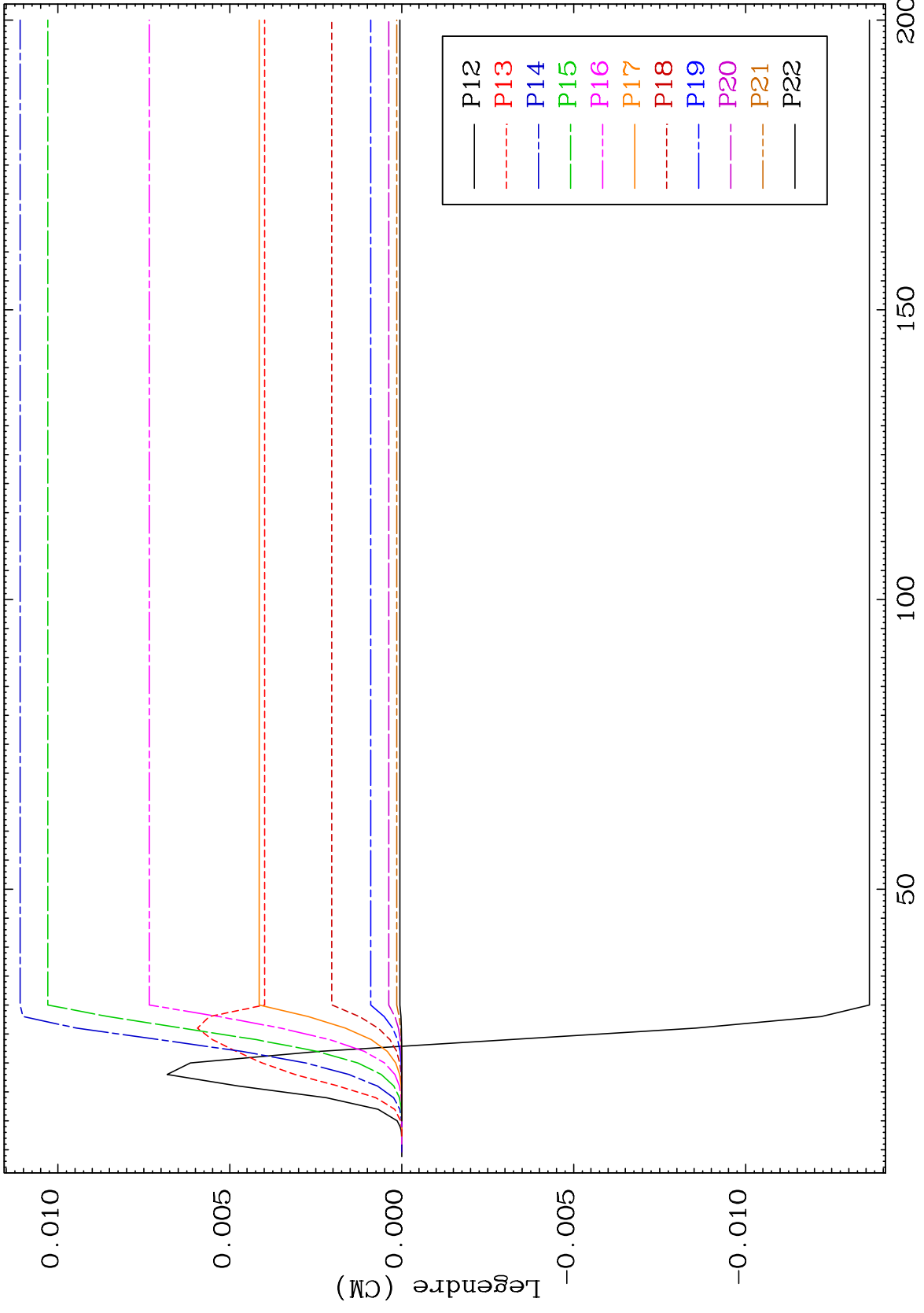
28-Ni-69



MAT 2858 MT= 58 (n,n') Level Legendre Coefficients 28-Ni-69



MAT 2858 MT= 58 (n,n') Level Legendre Coefficients 28-Ni-69

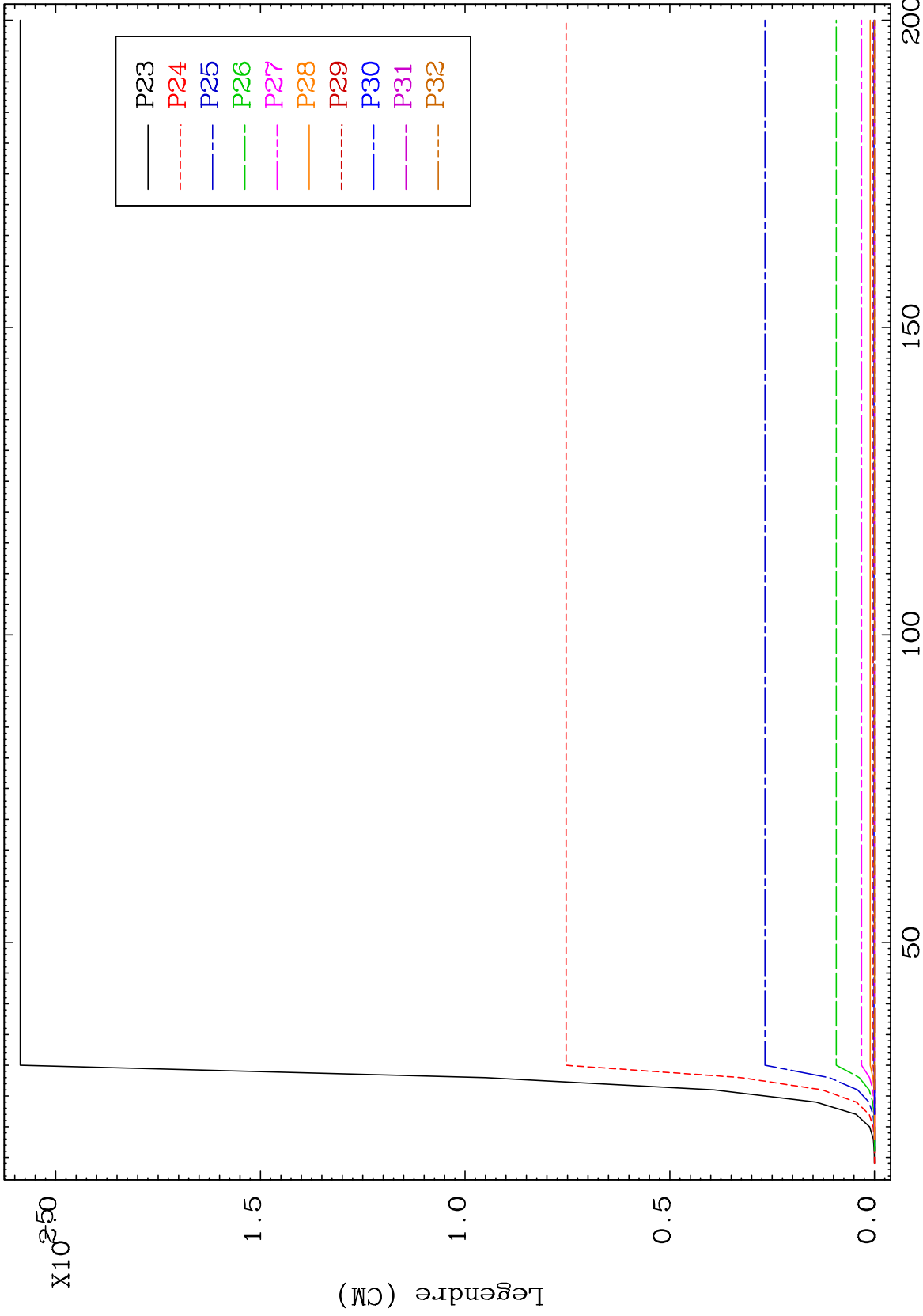


42 Incident Energy (MeV) 28-Ni-69

MAT 2858

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

28-Ni-69



43

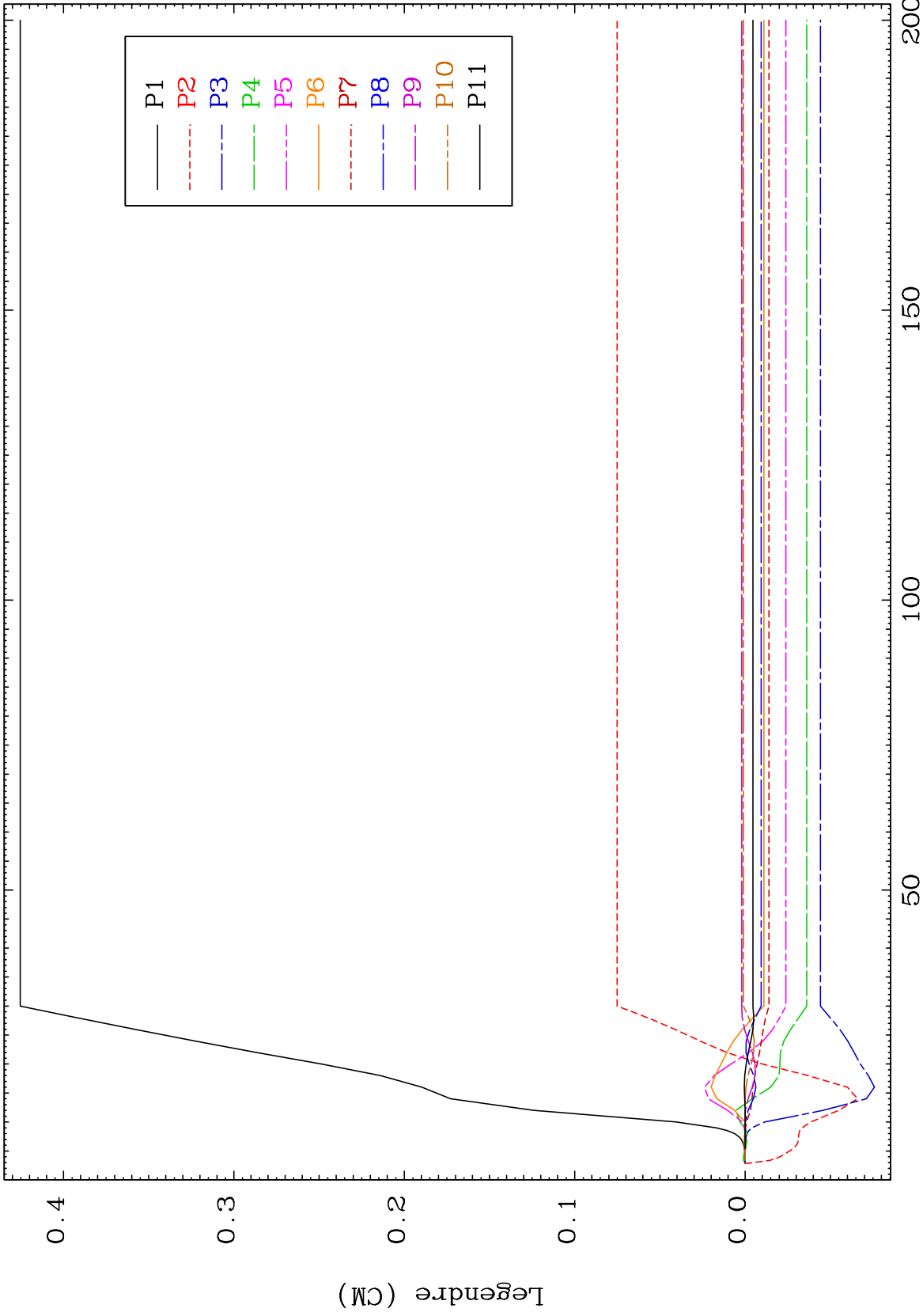
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



44

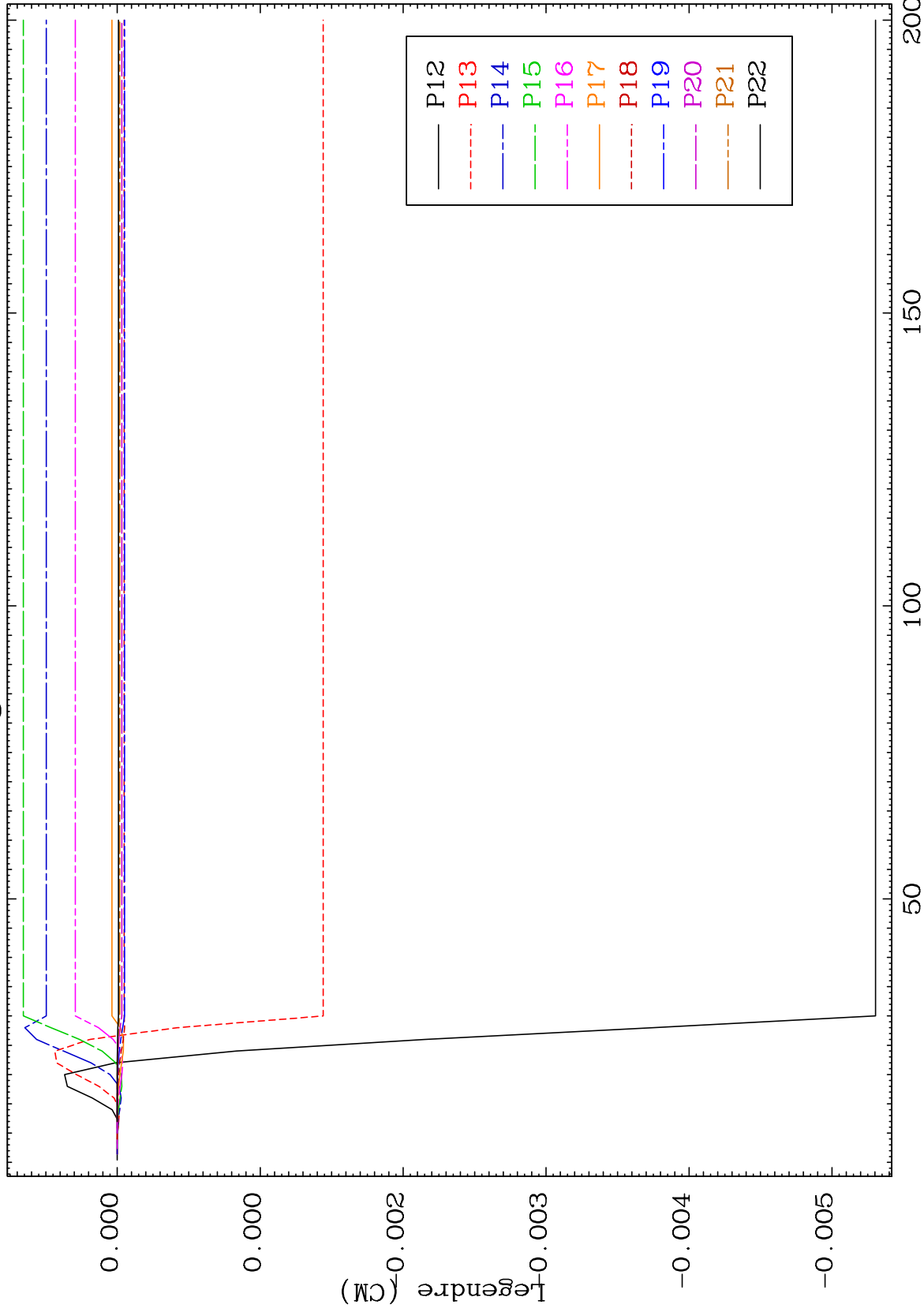
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



45

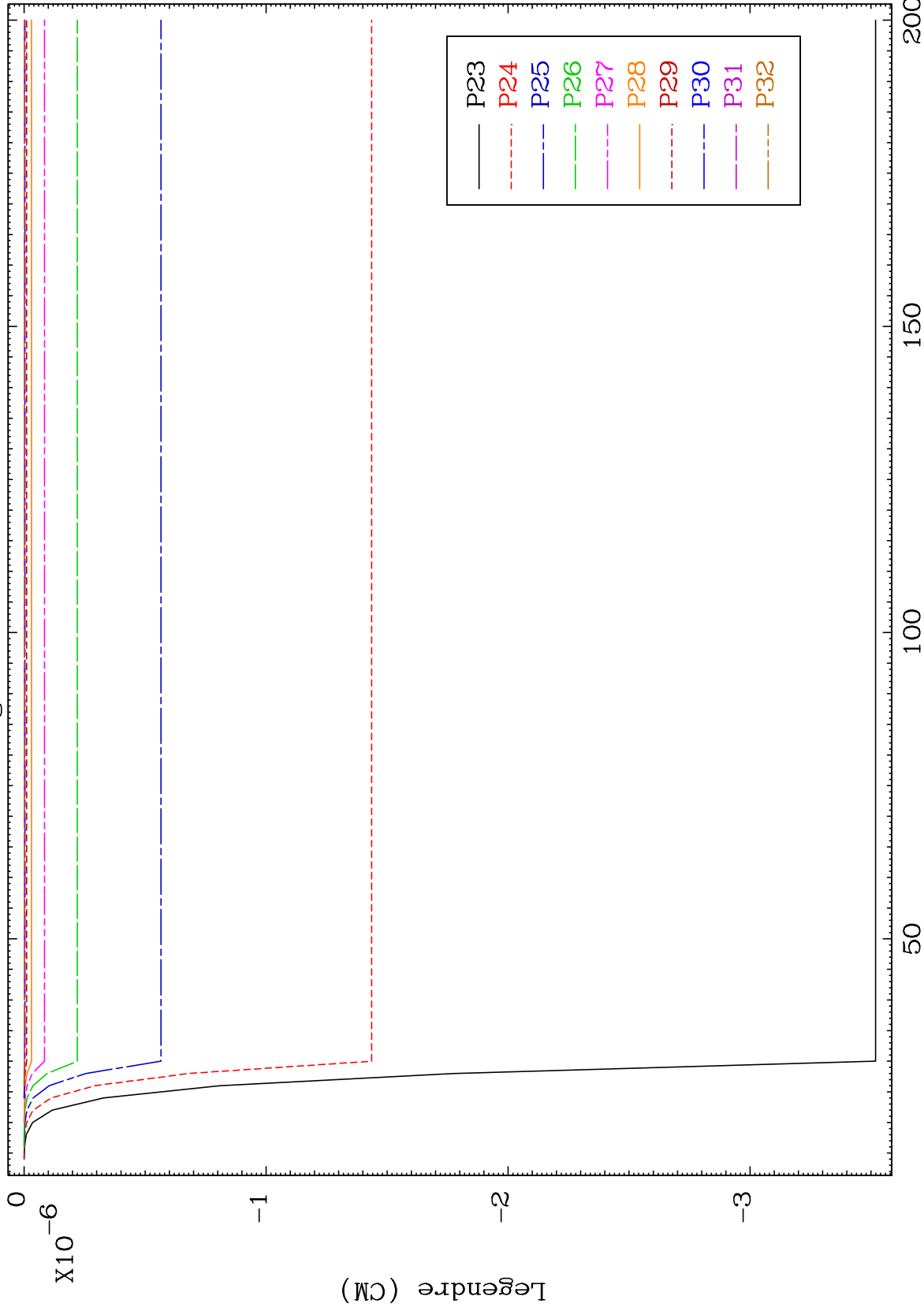
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



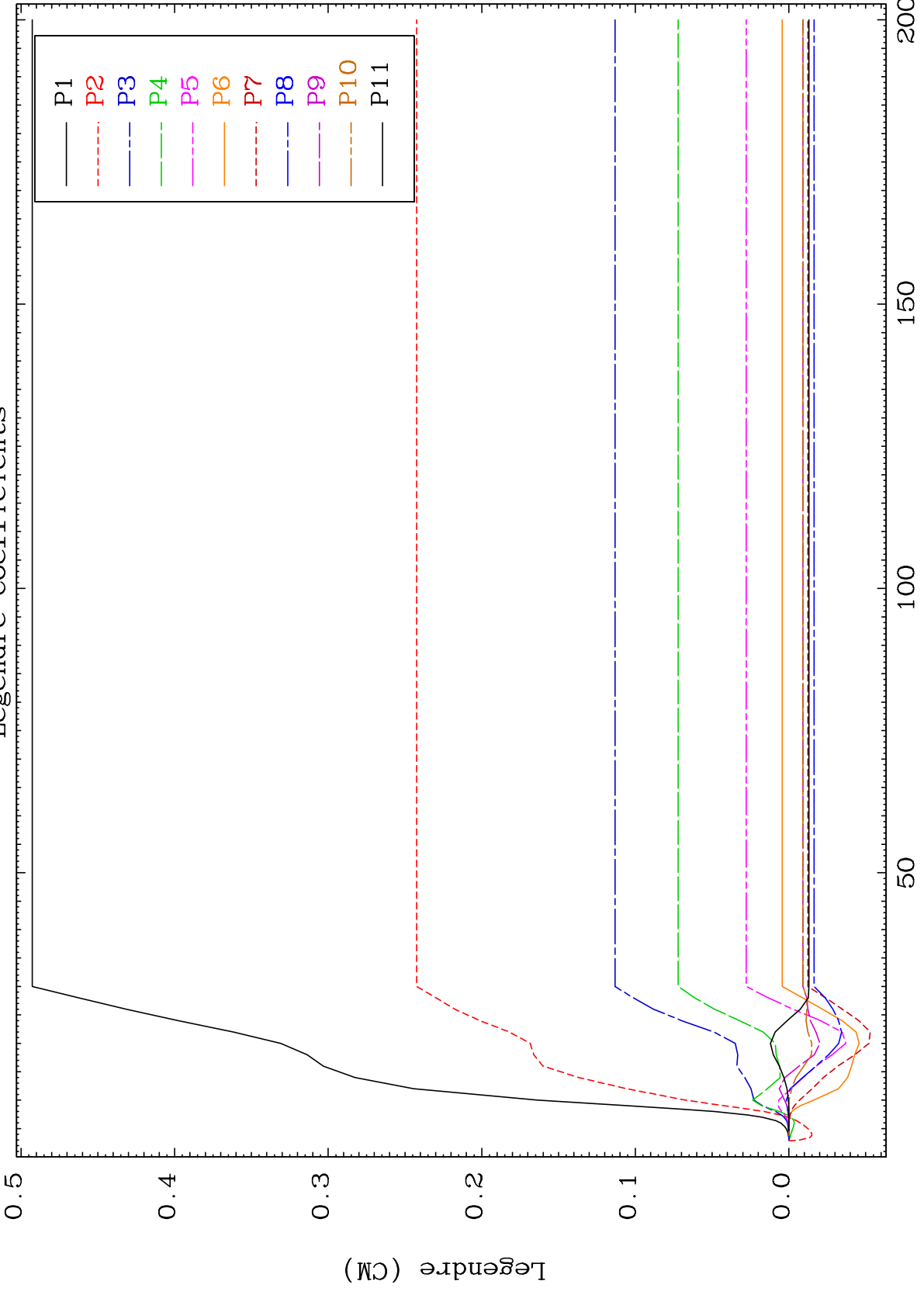
28-Ni-69

46

MAT 2858

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

28-Ni-69

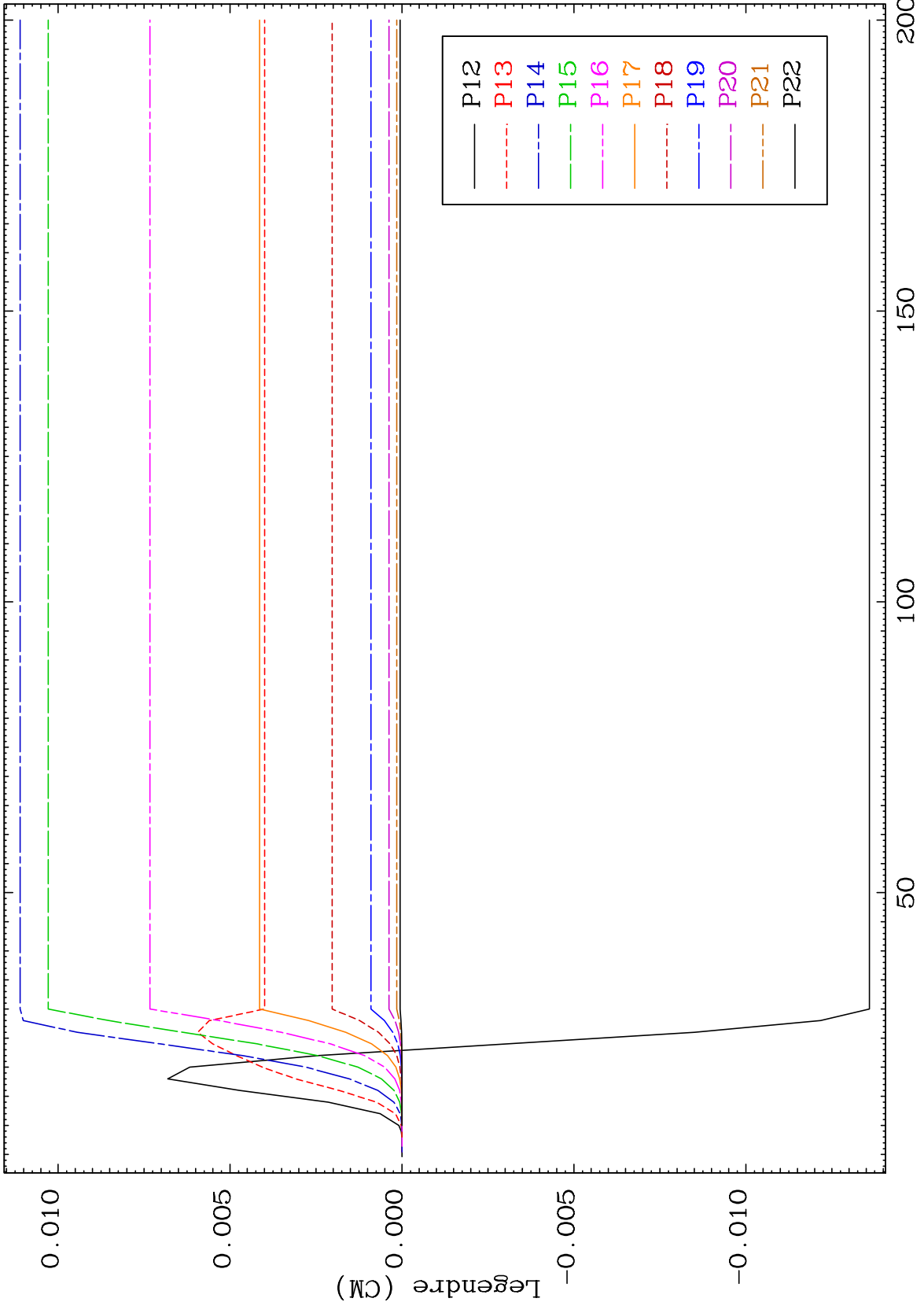


28-Ni-69

Incident Energy (MeV)

47

MAT 2858 MT= 60 (n,n') Level Legendre Coefficients 28-Ni-69

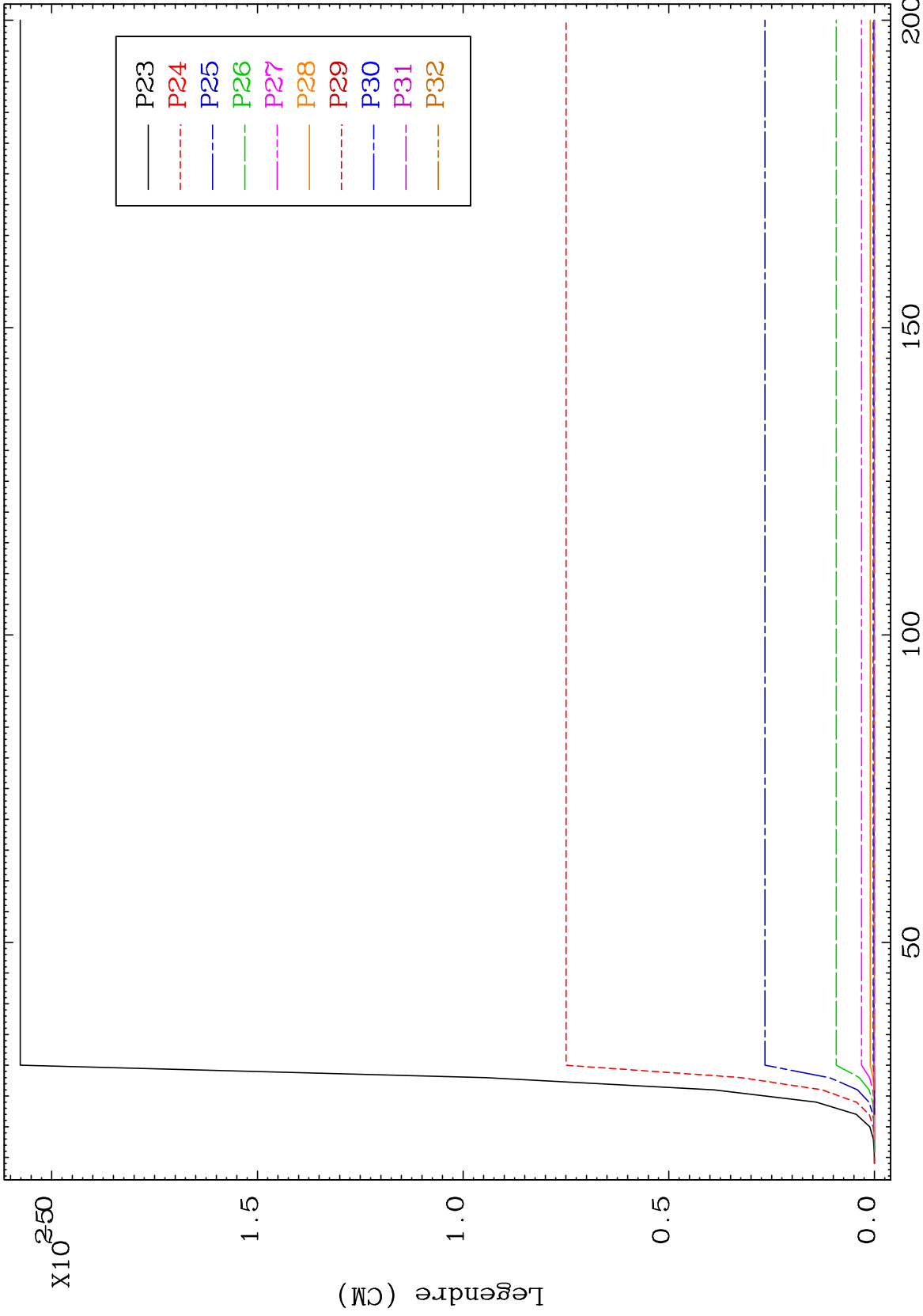


48 Incident Energy (MeV) 28-Ni-69

MAT 2858

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

28-Ni-69

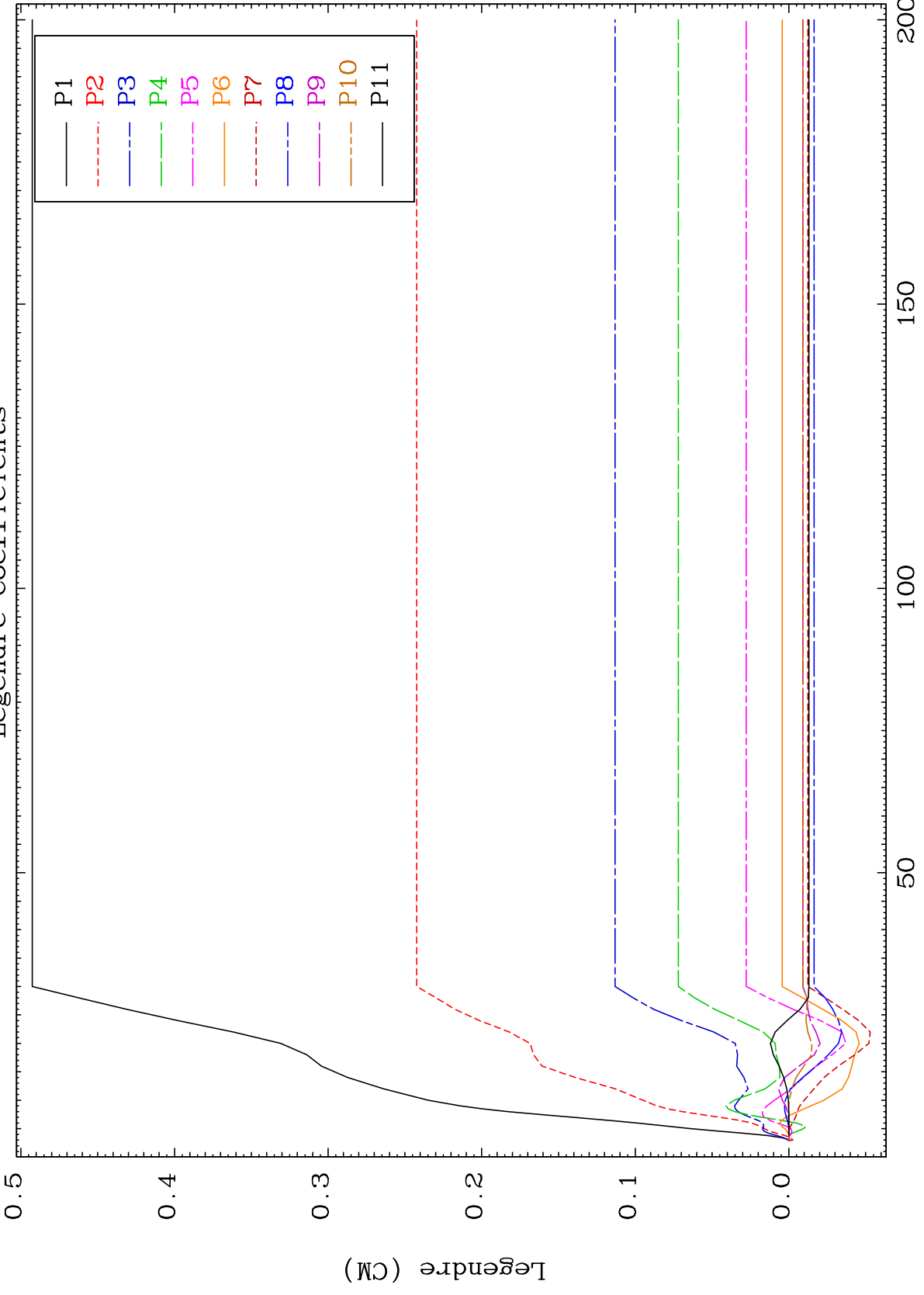


49

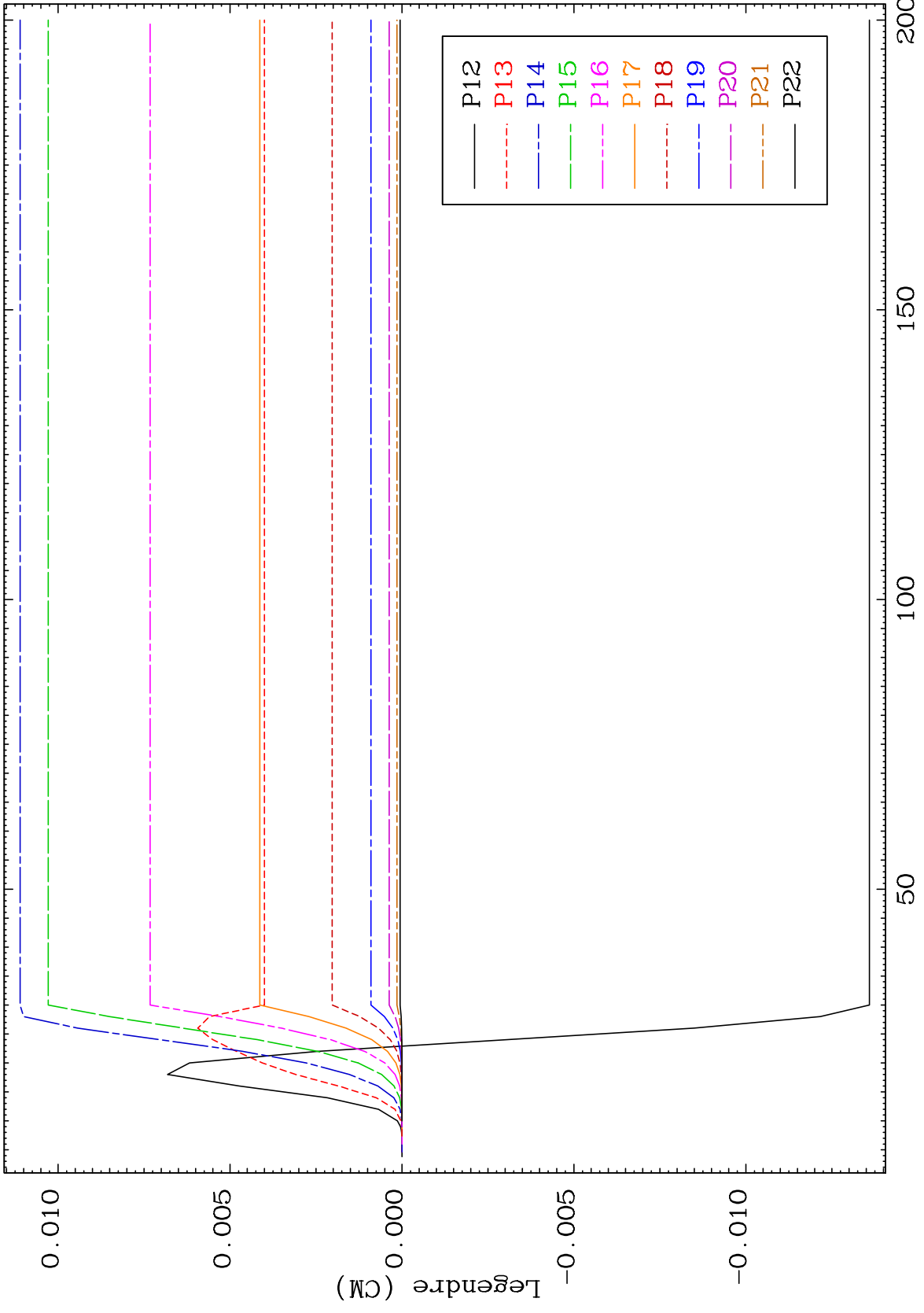
Incident Energy (MeV)

28-Ni-69

MAT 2858 MT= 61 (n,n') Level Legendre Coefficients 28-Ni-69



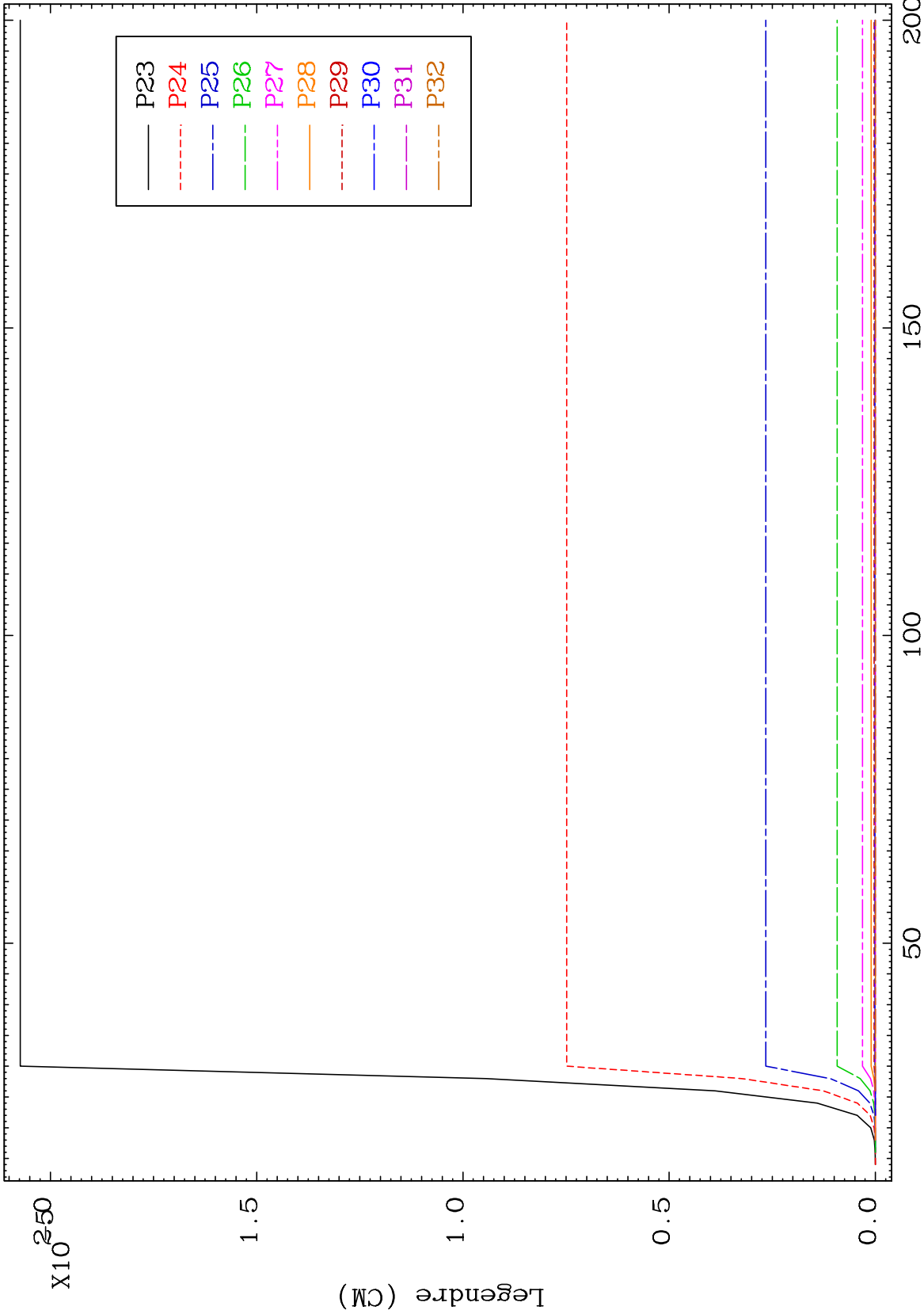
Legendre (CM) Incident Energy (MeV) 28-Ni-69



MAT 2858

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

28-Ni-69

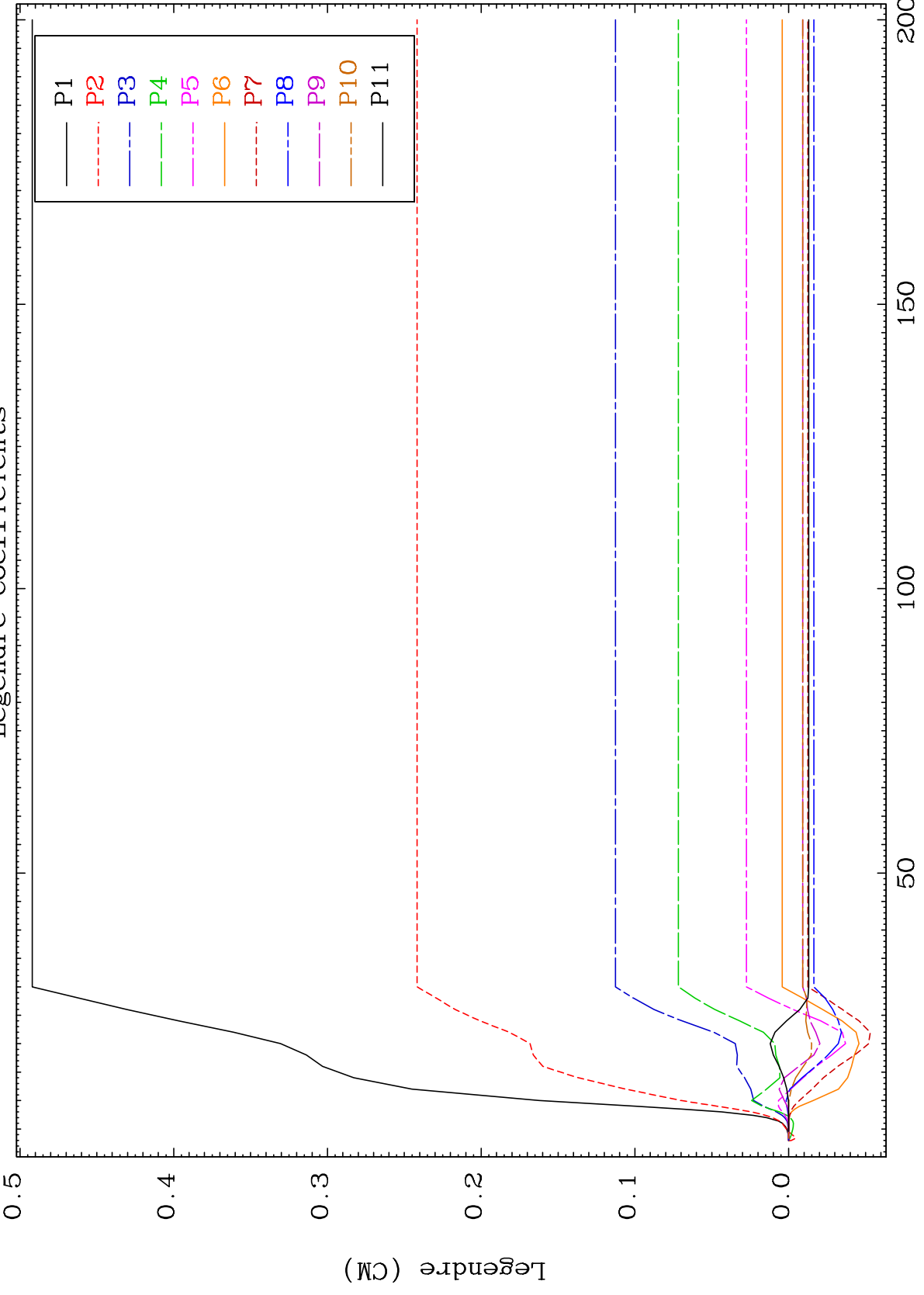


52

Incident Energy (MeV)

28-Ni-69

MAT 2858 MT= 62 (n,n') Level Legendre Coefficients 28-Ni-69

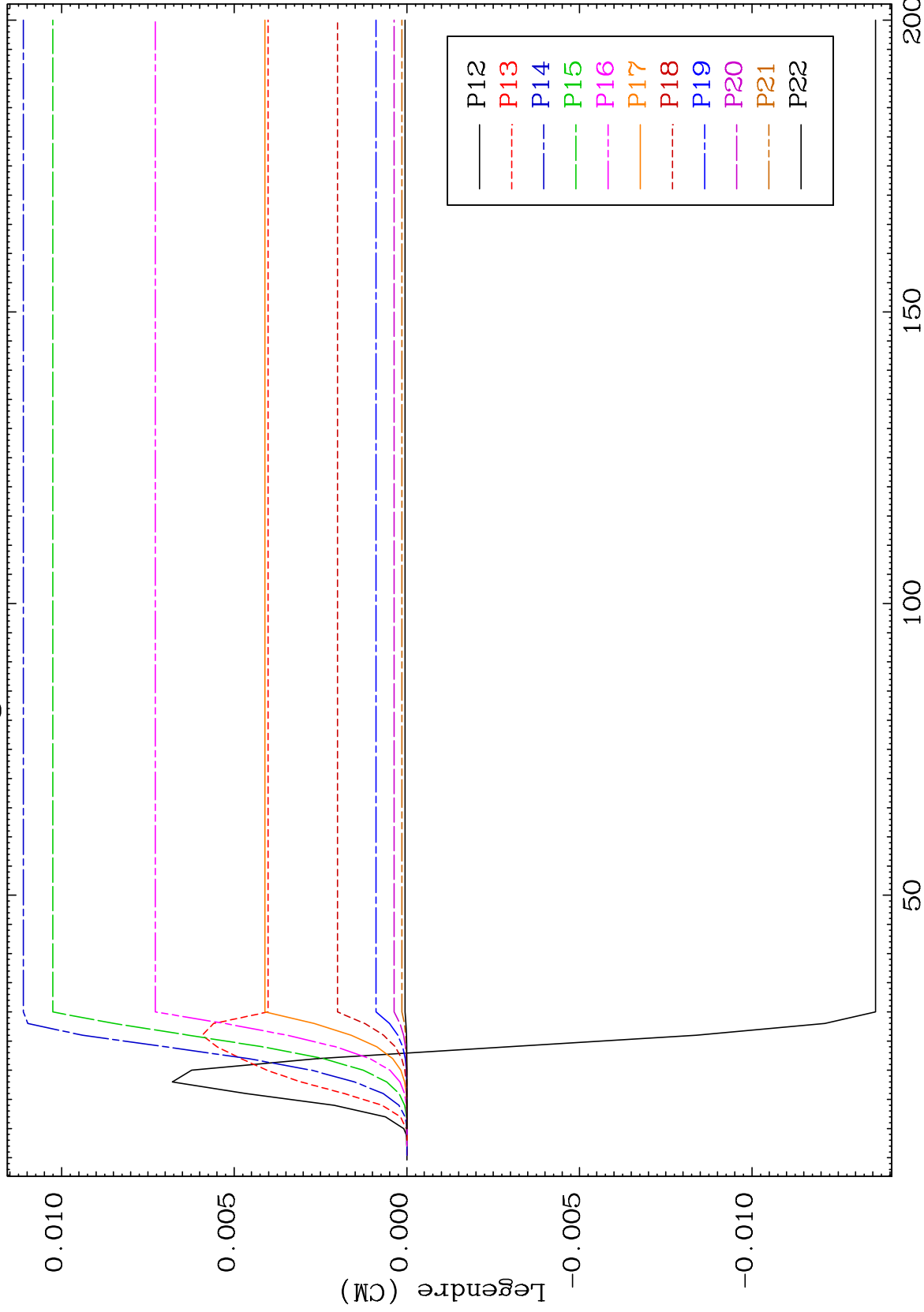


53 Incident Energy (MeV) 28-Ni-69

MAT 2858

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

28-Ni-69



54

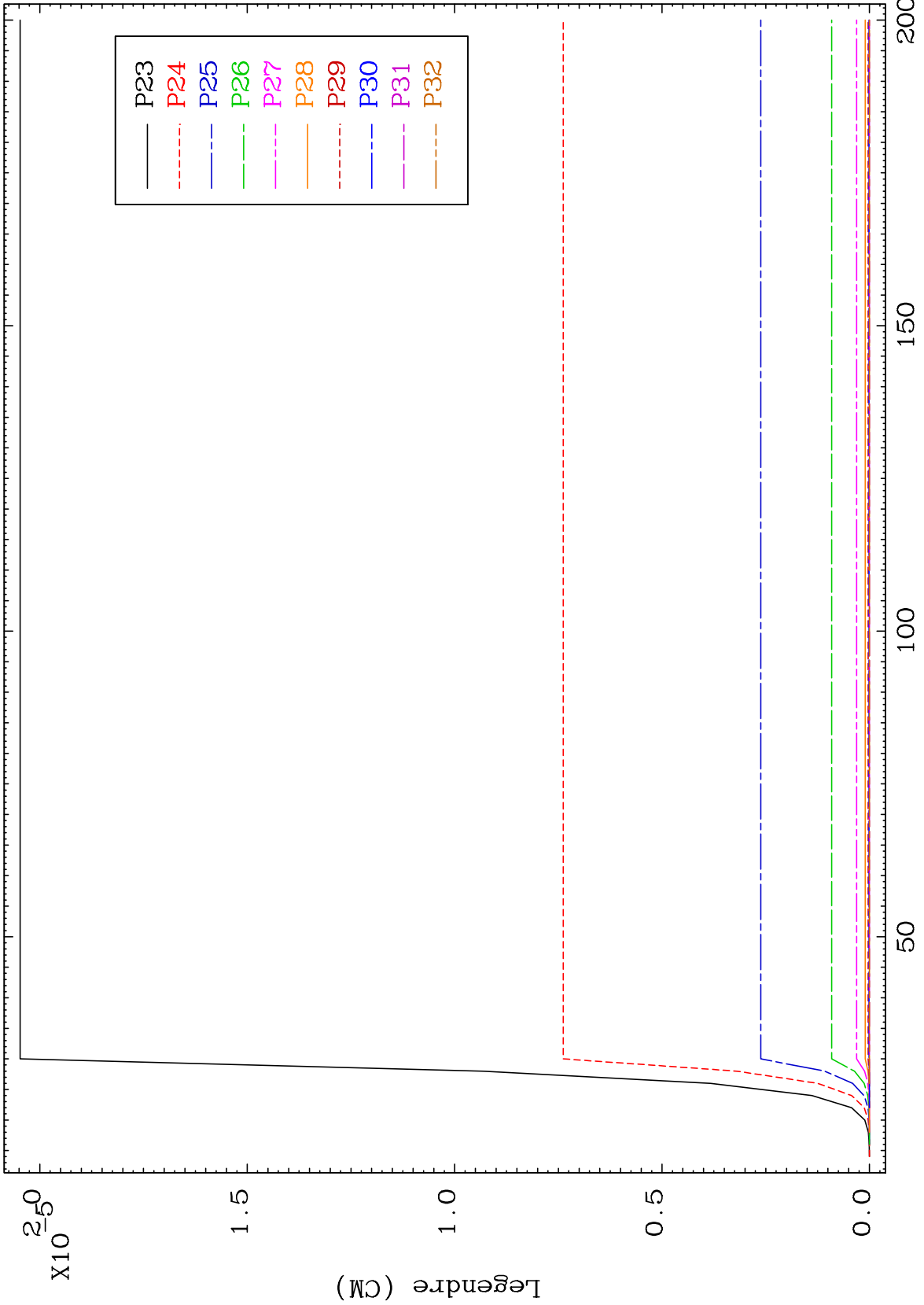
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



55

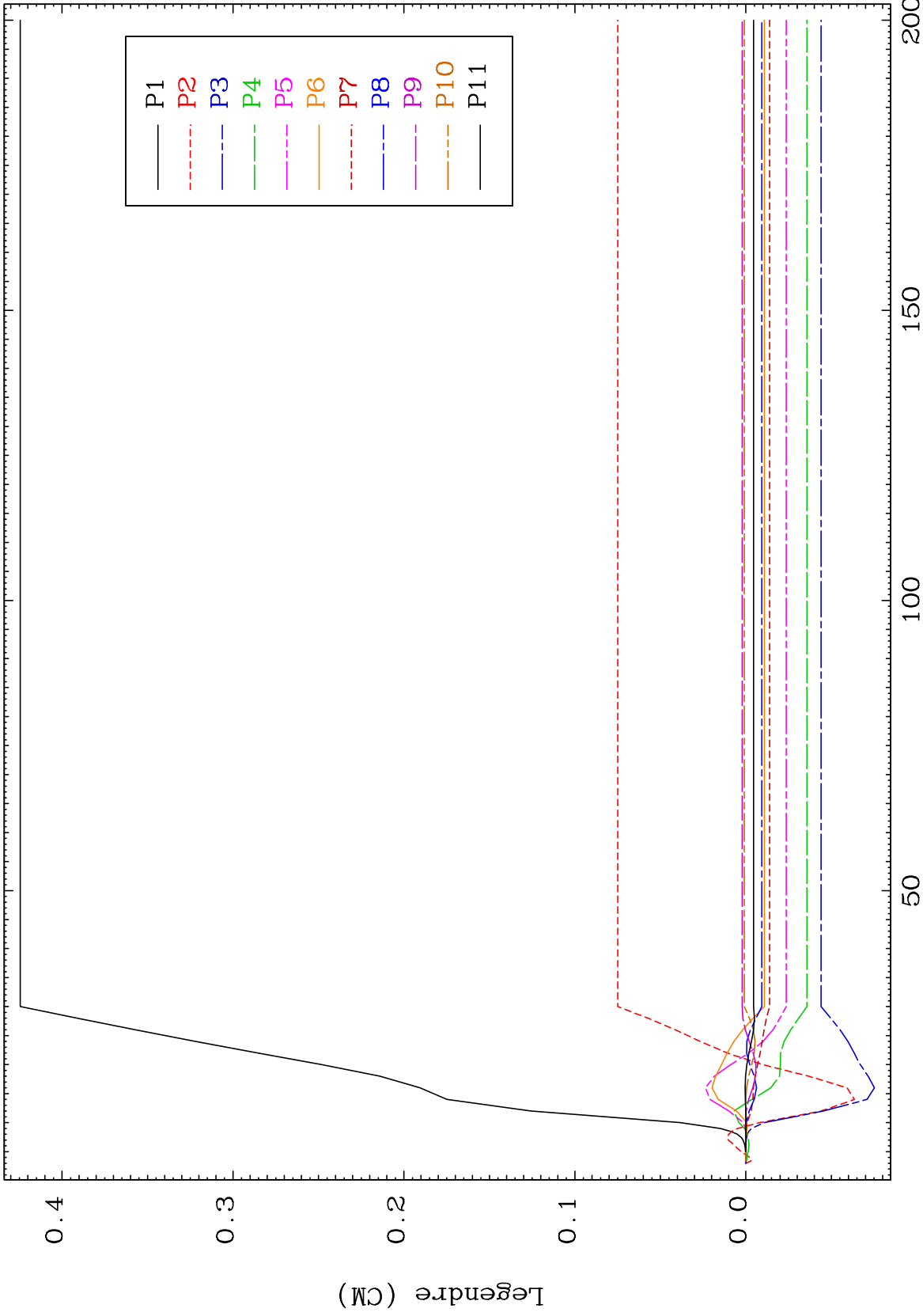
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



56

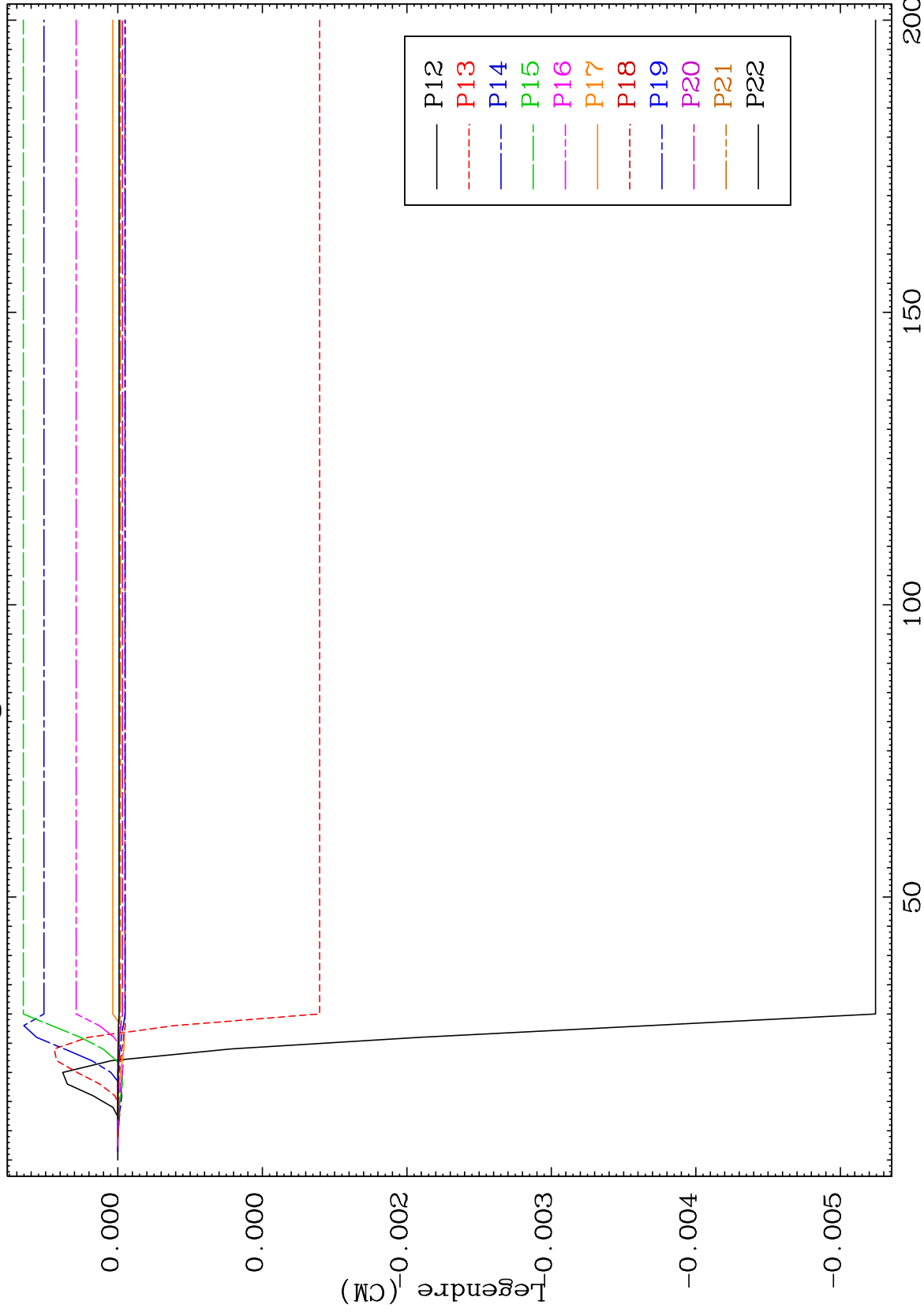
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



57

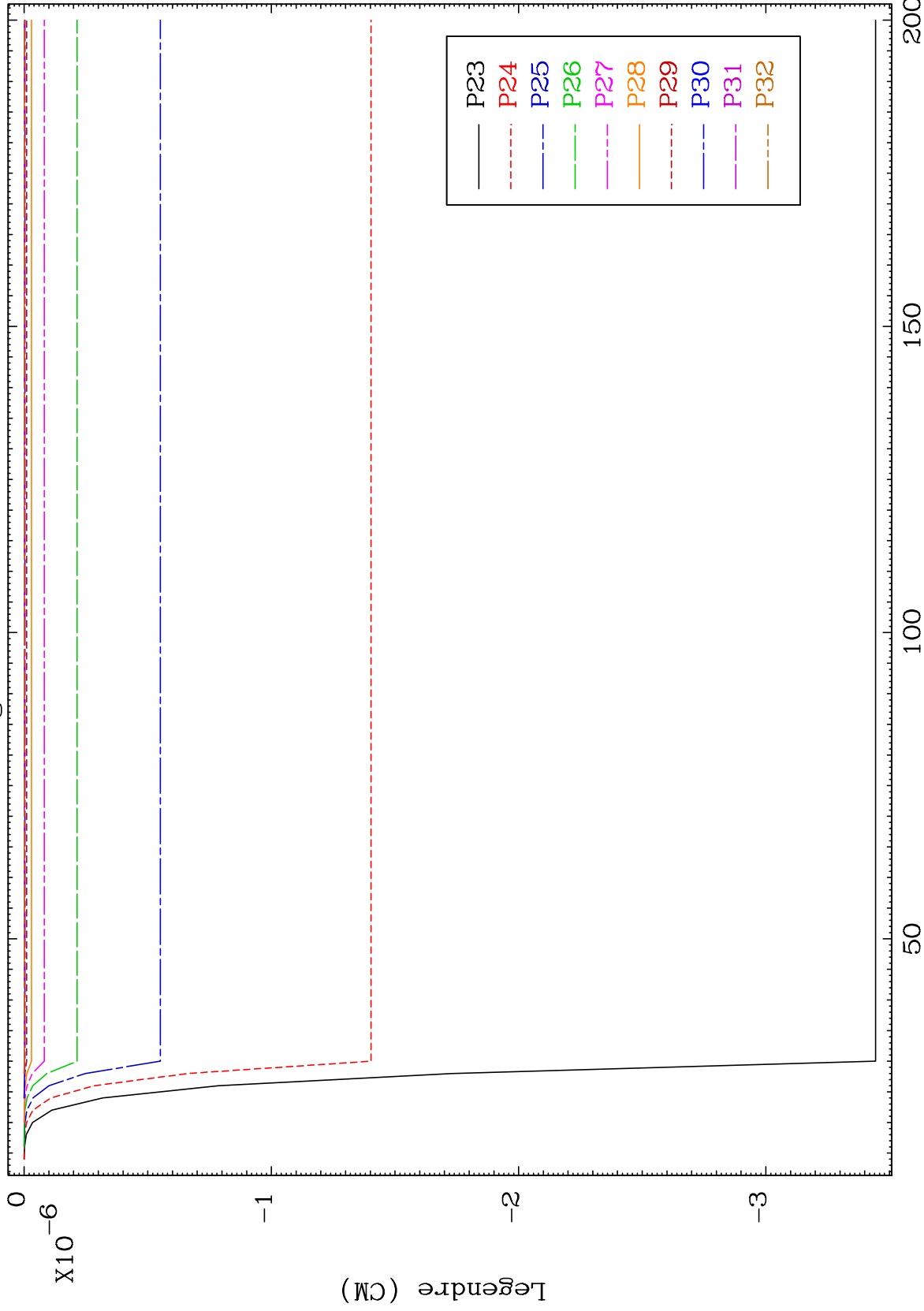
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69

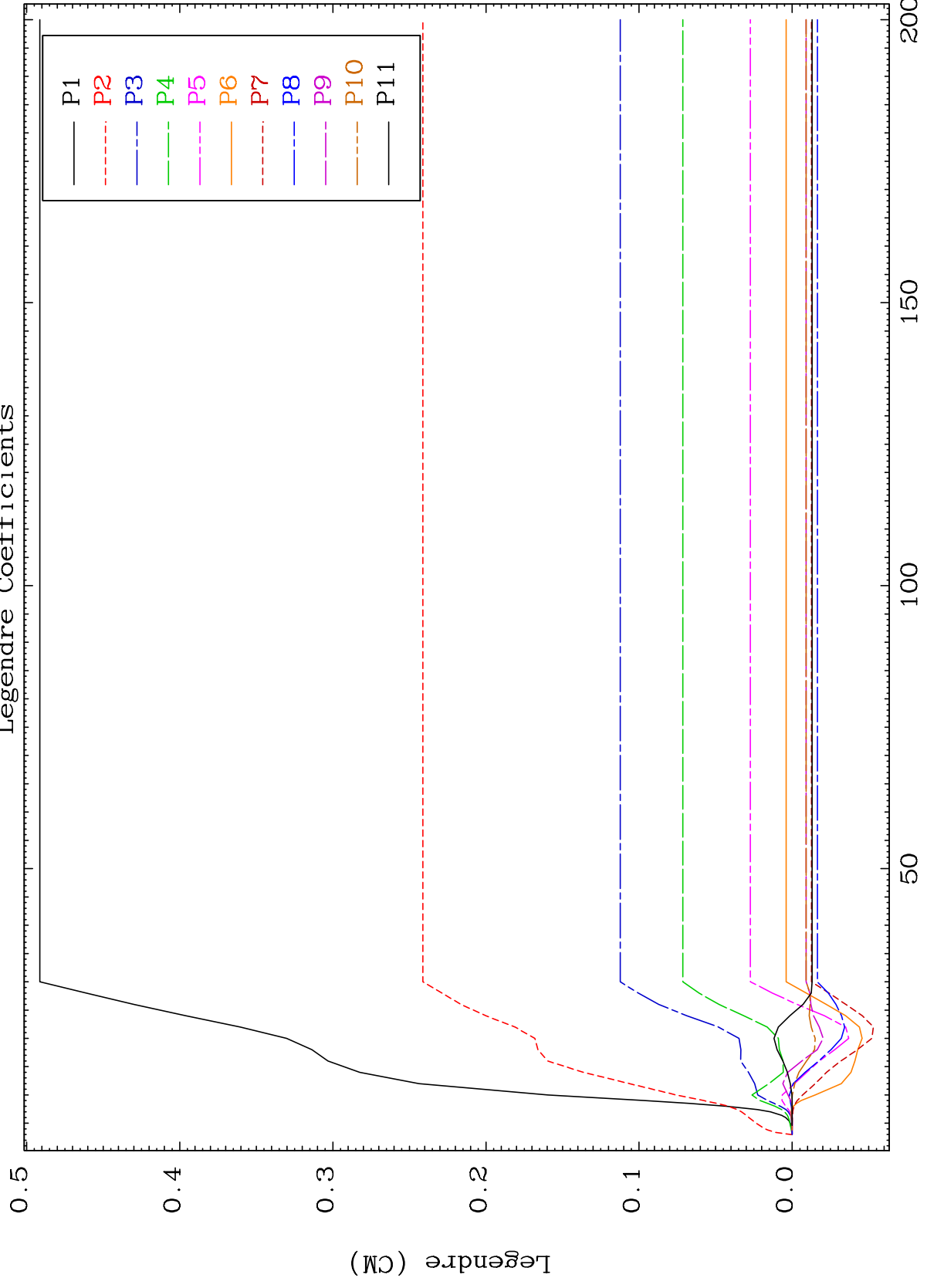


58

Incident Energy (MeV)

28-Ni-69

MAT 2858 MT= 64 (n,n') Level Legendre Coefficients 28-Ni-69

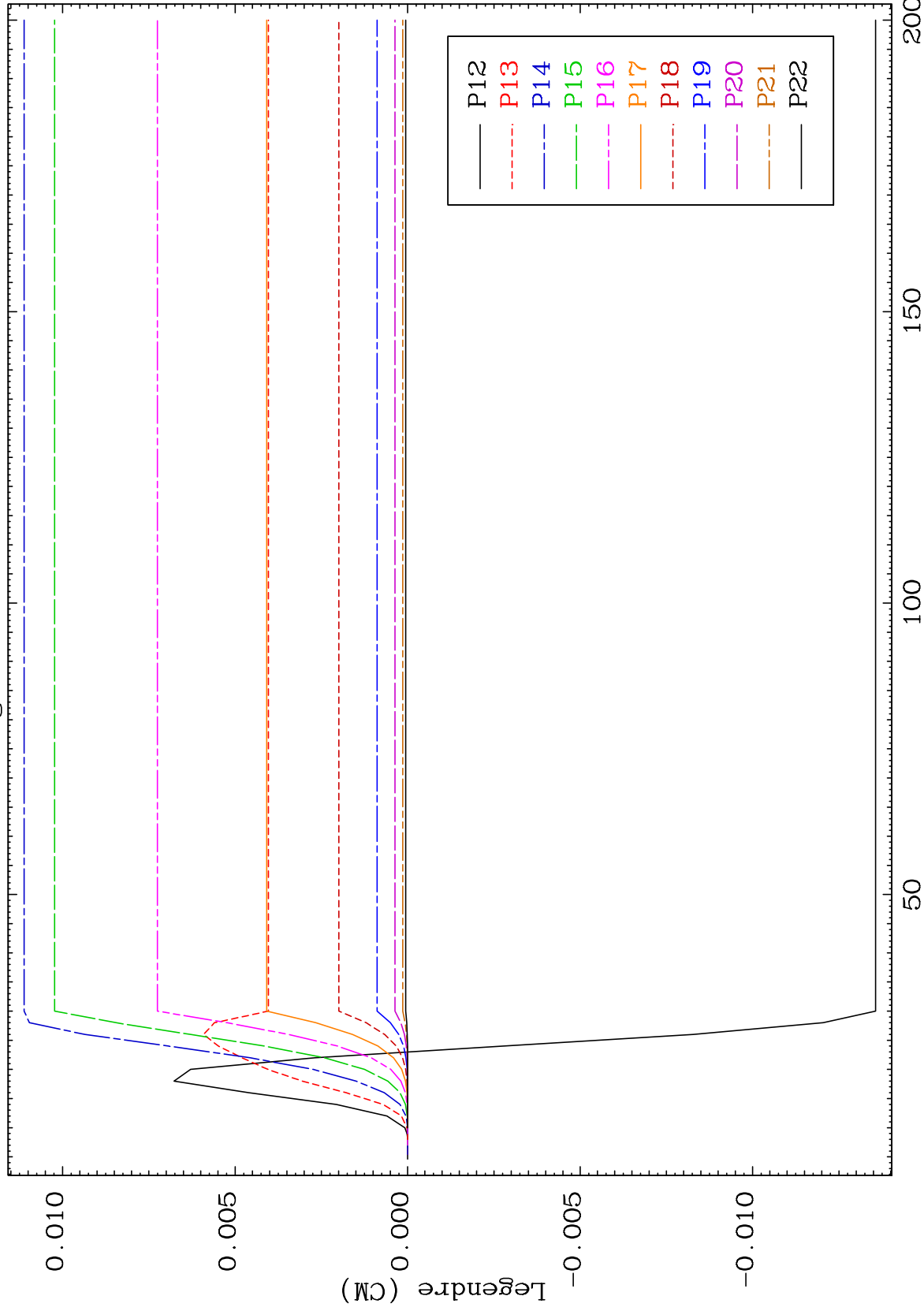


59 200 28-Ni-69

MAT 2858

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

28-Ni-69



60

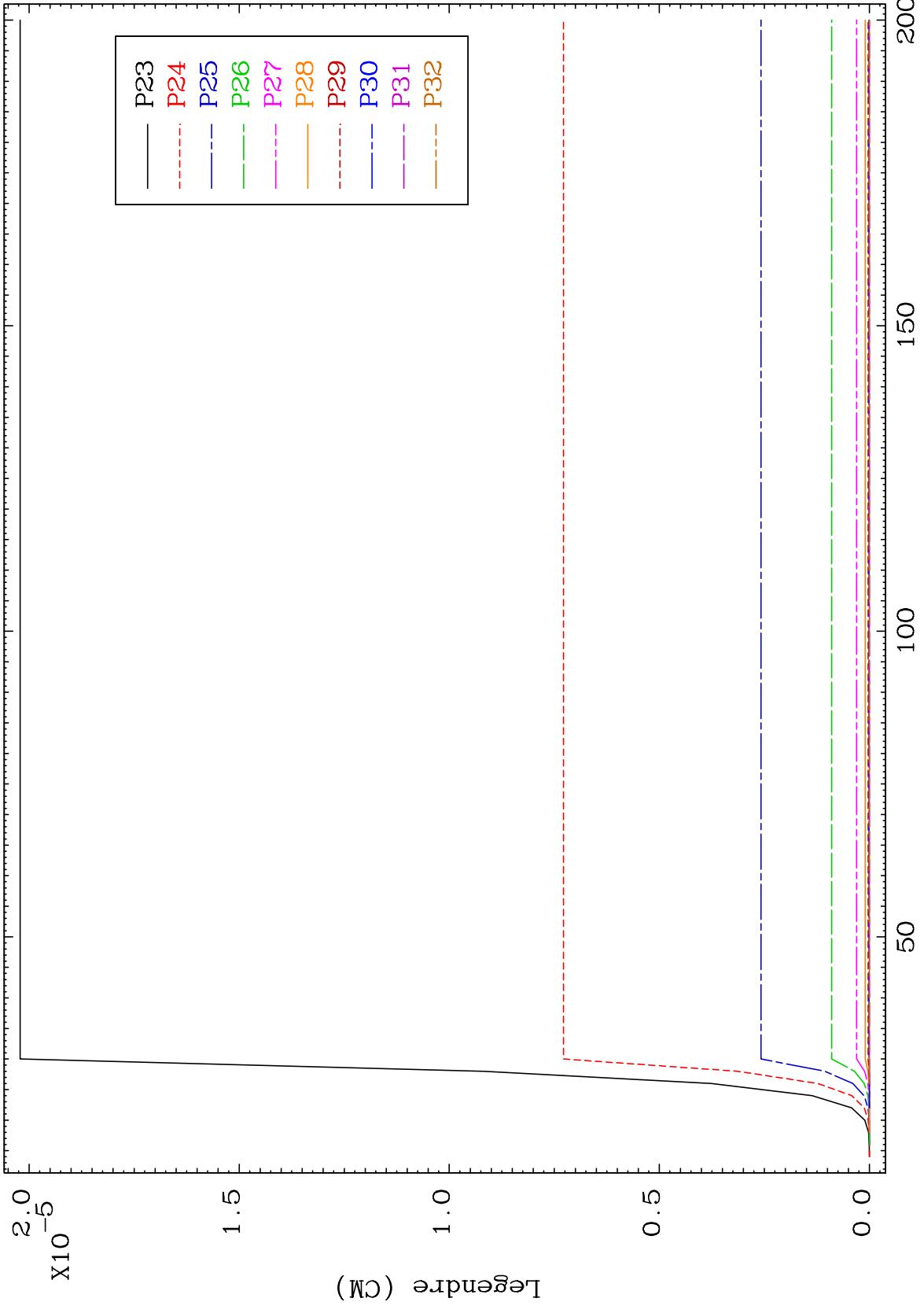
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



61

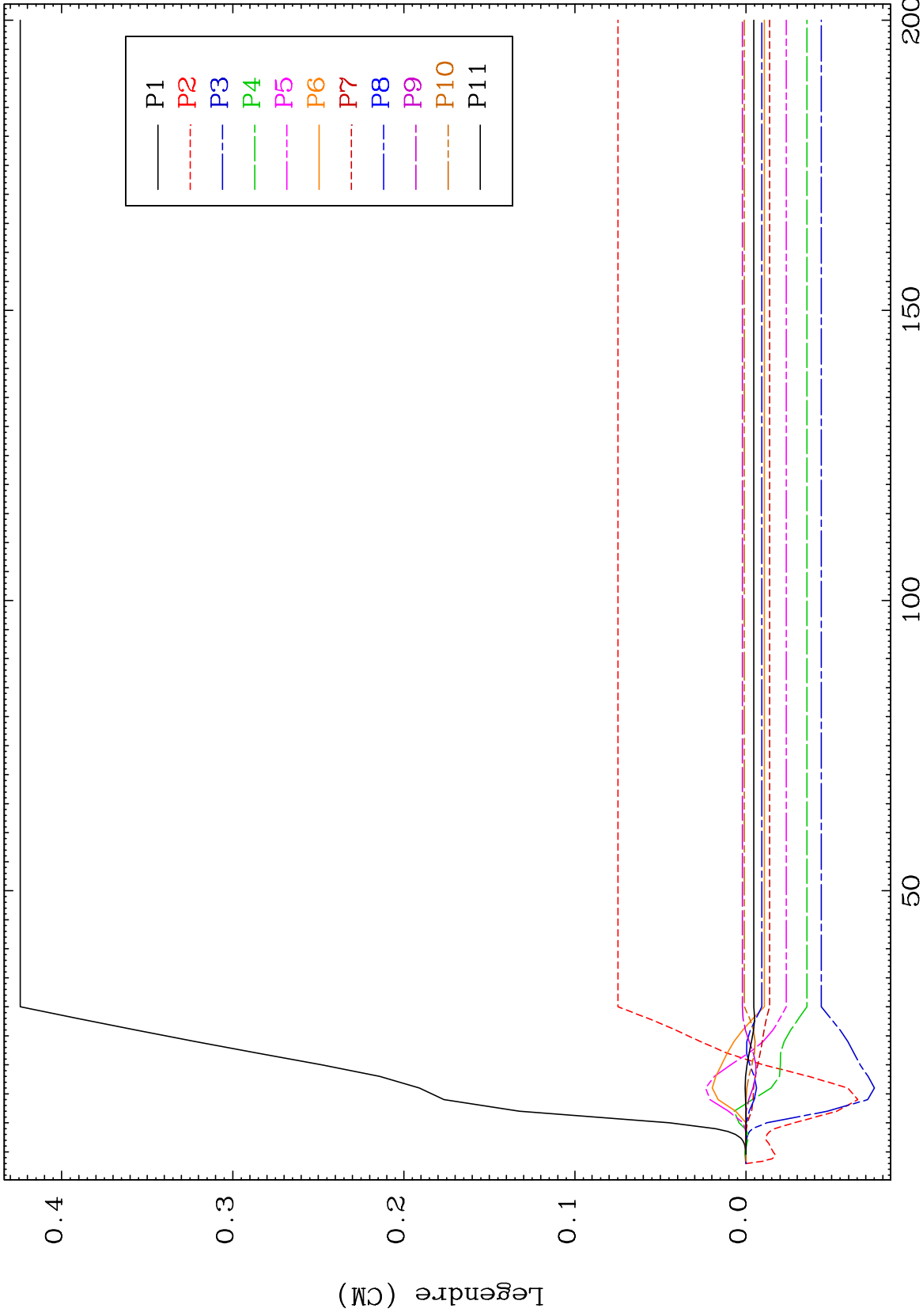
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



62

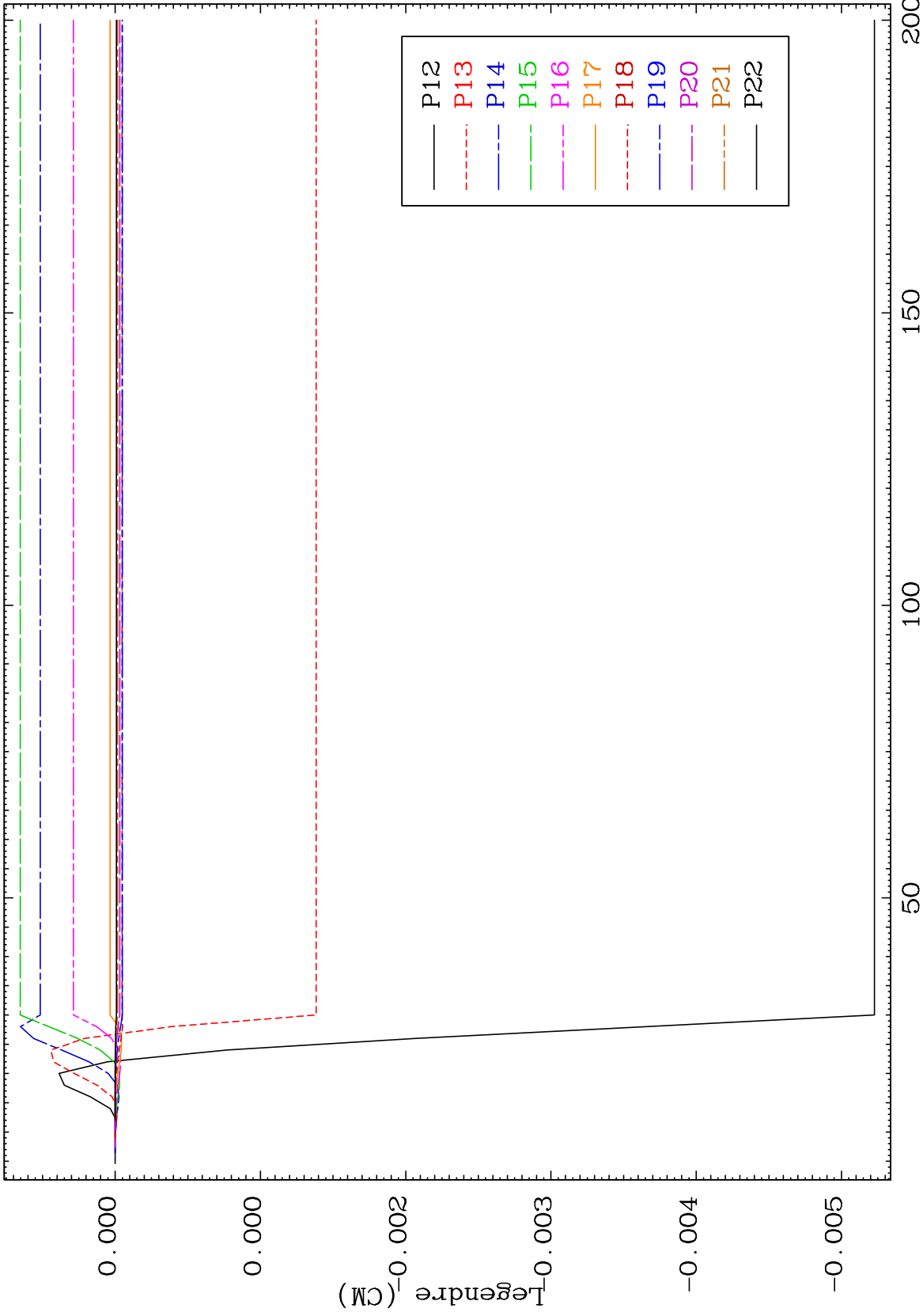
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



63

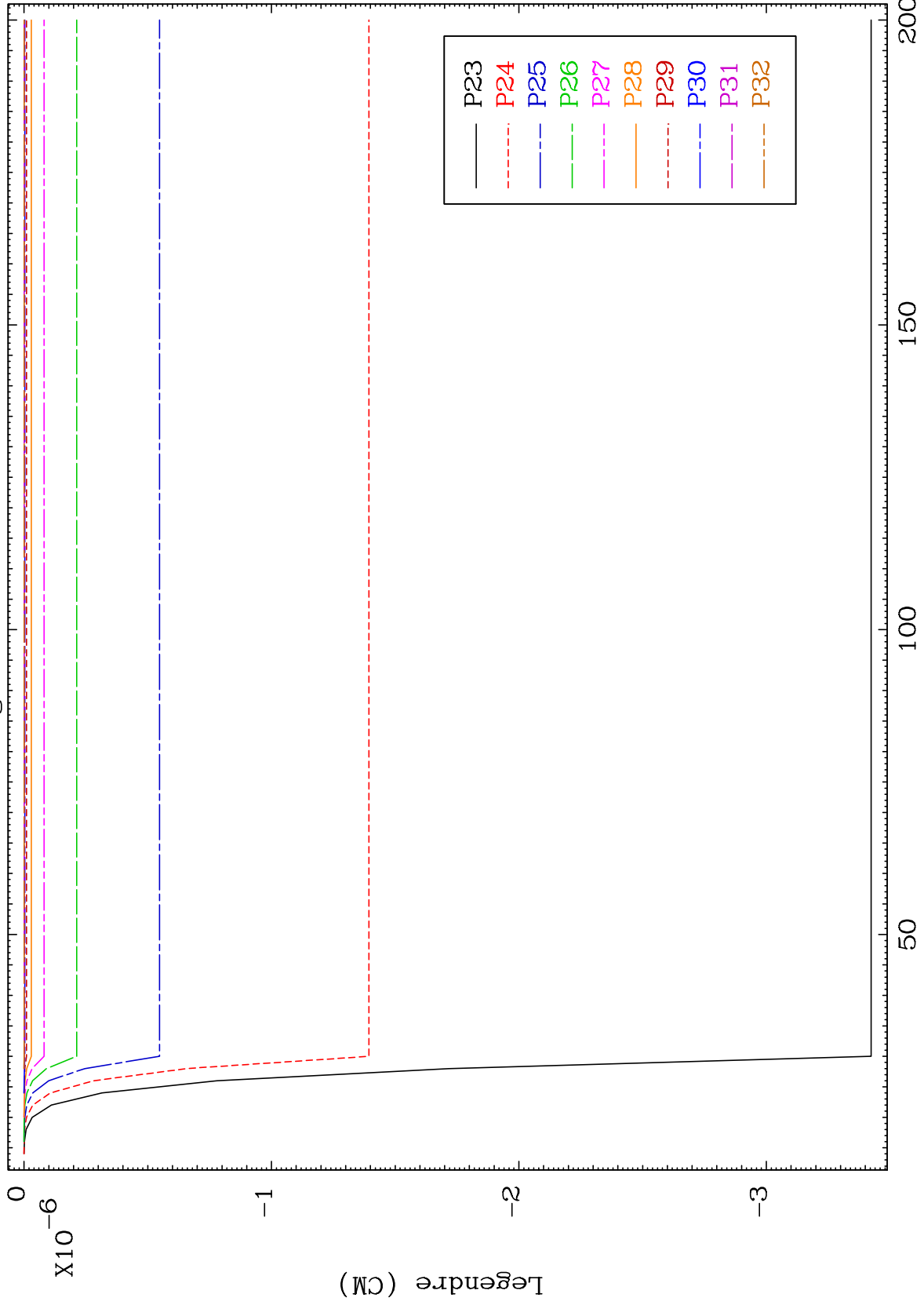
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



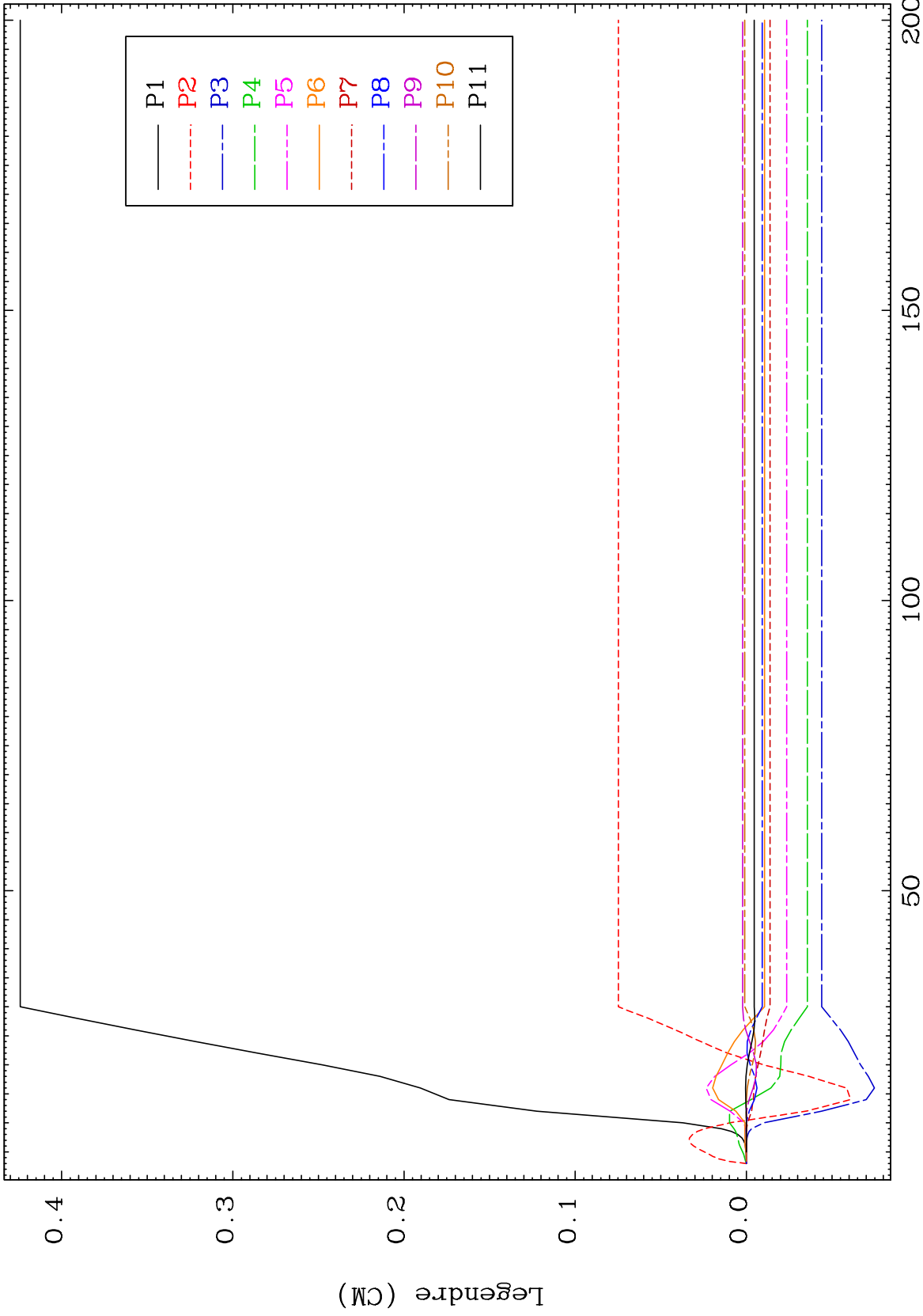
64

28-Ni-69

MAT 2858

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

28-Ni-69



65

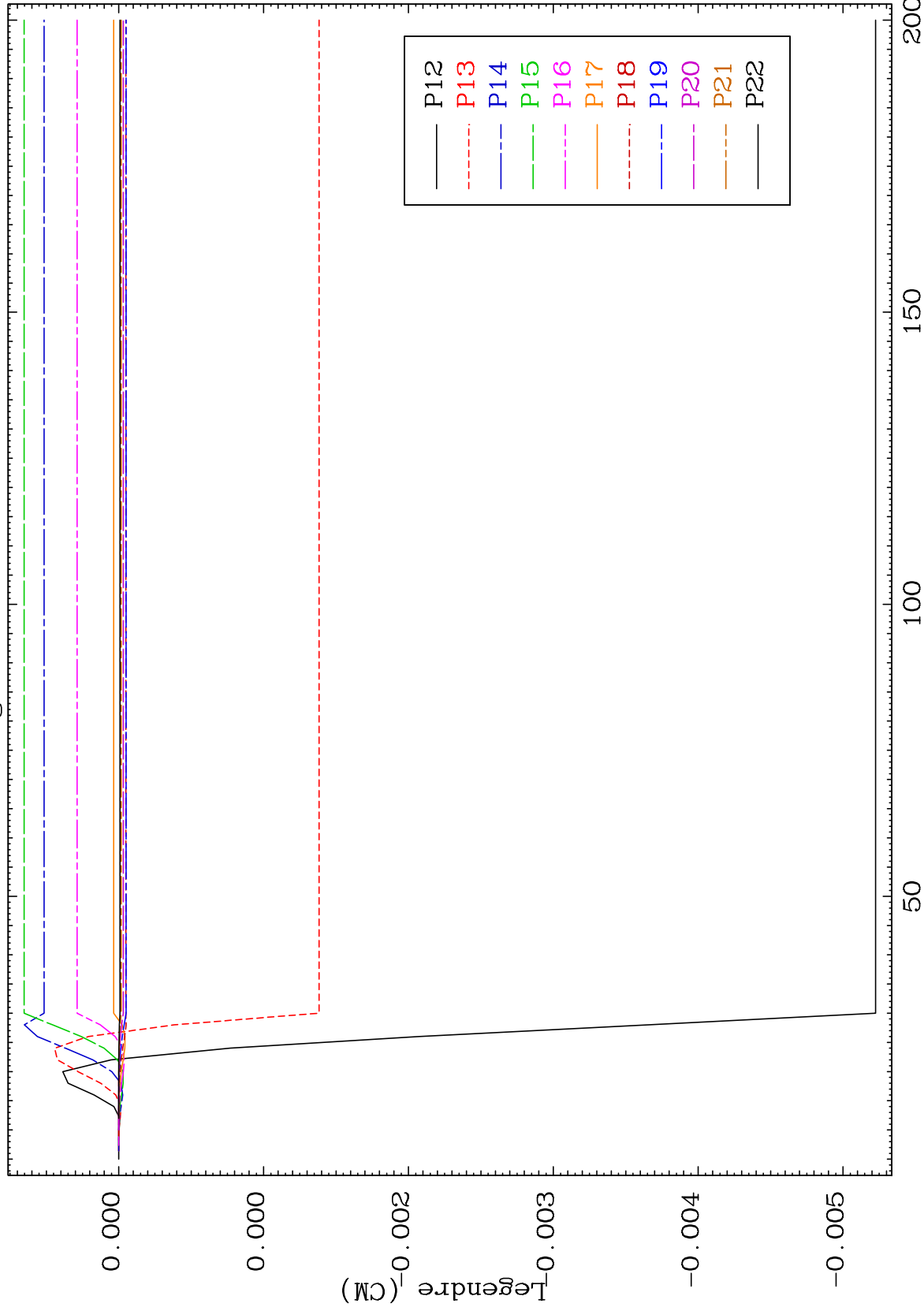
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



66

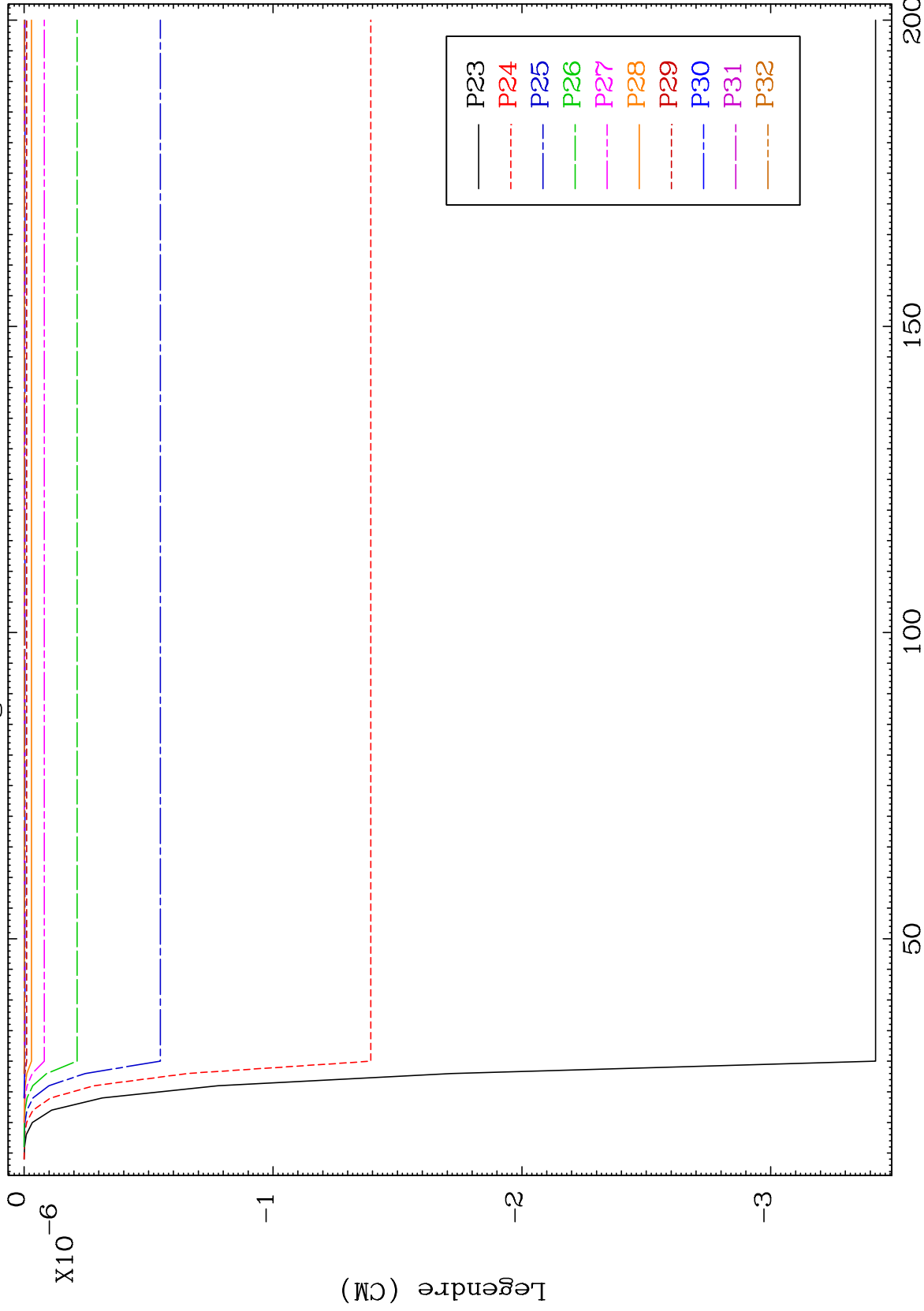
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

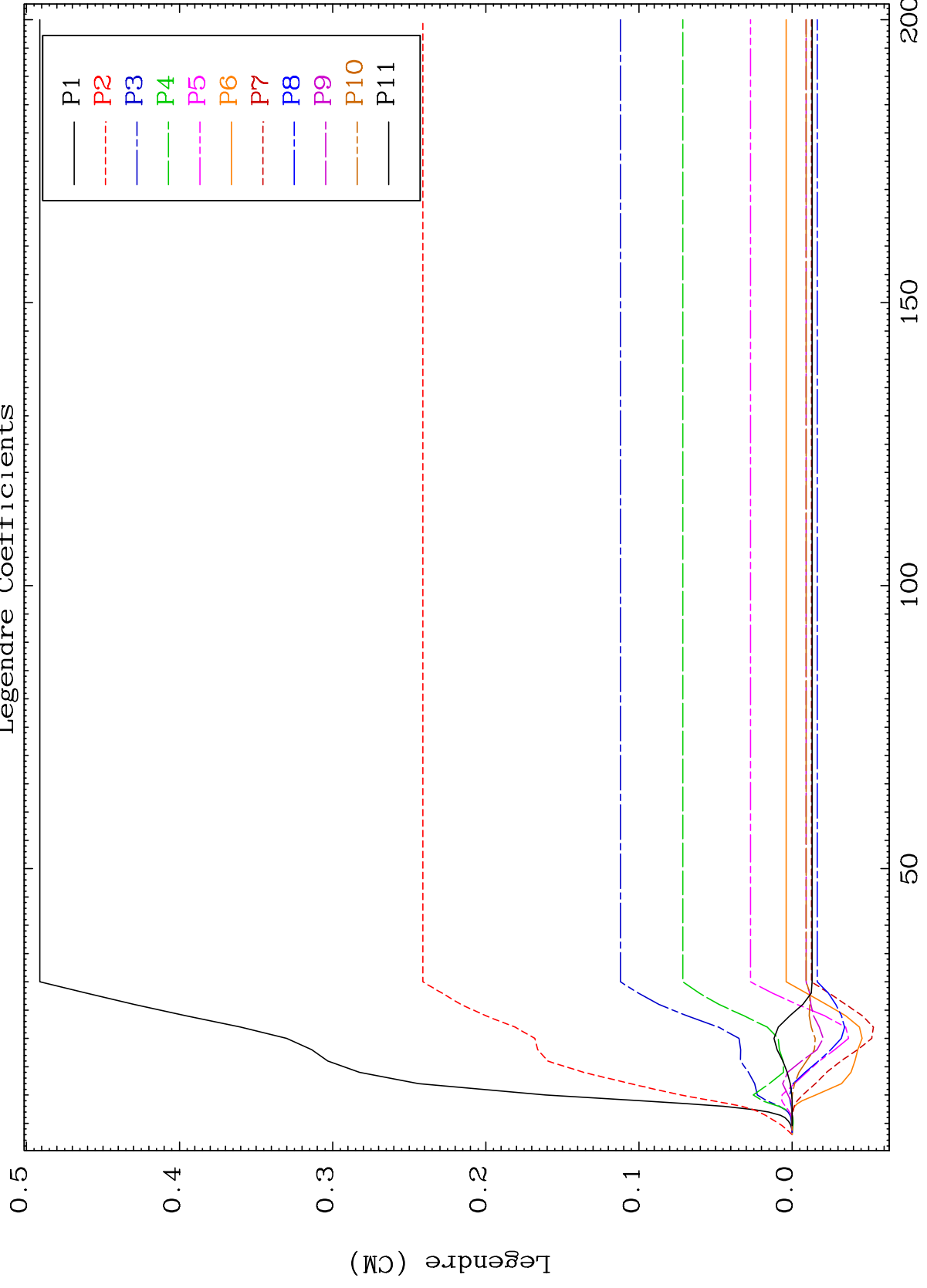
28-Ni-69



67

28-Ni-69

MAT 2858 MT= 67 (n,n') Level Legendre Coefficients 28-Ni-69

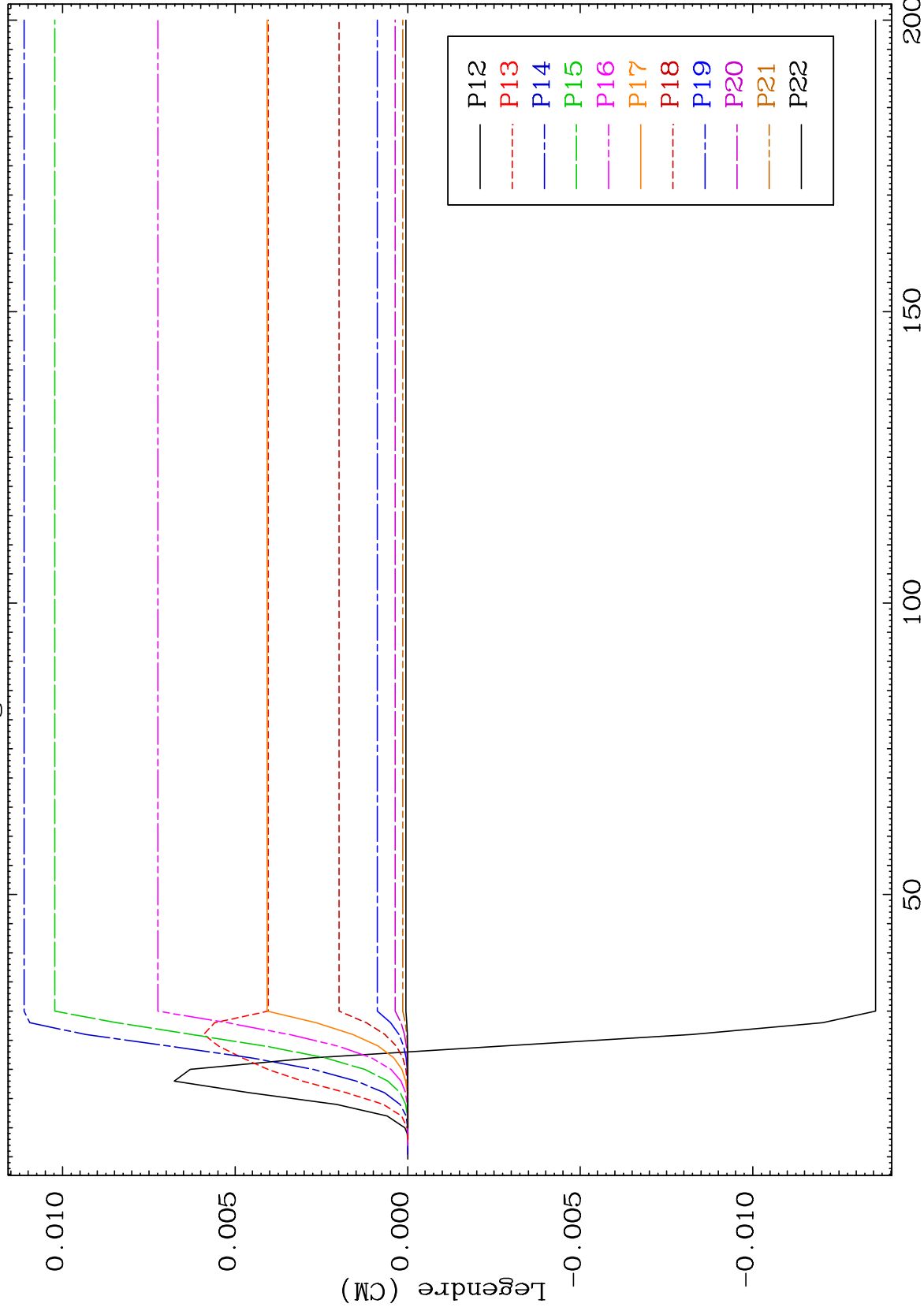


68 28-Ni-69

MAT 2858

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

28-Ni-69



69

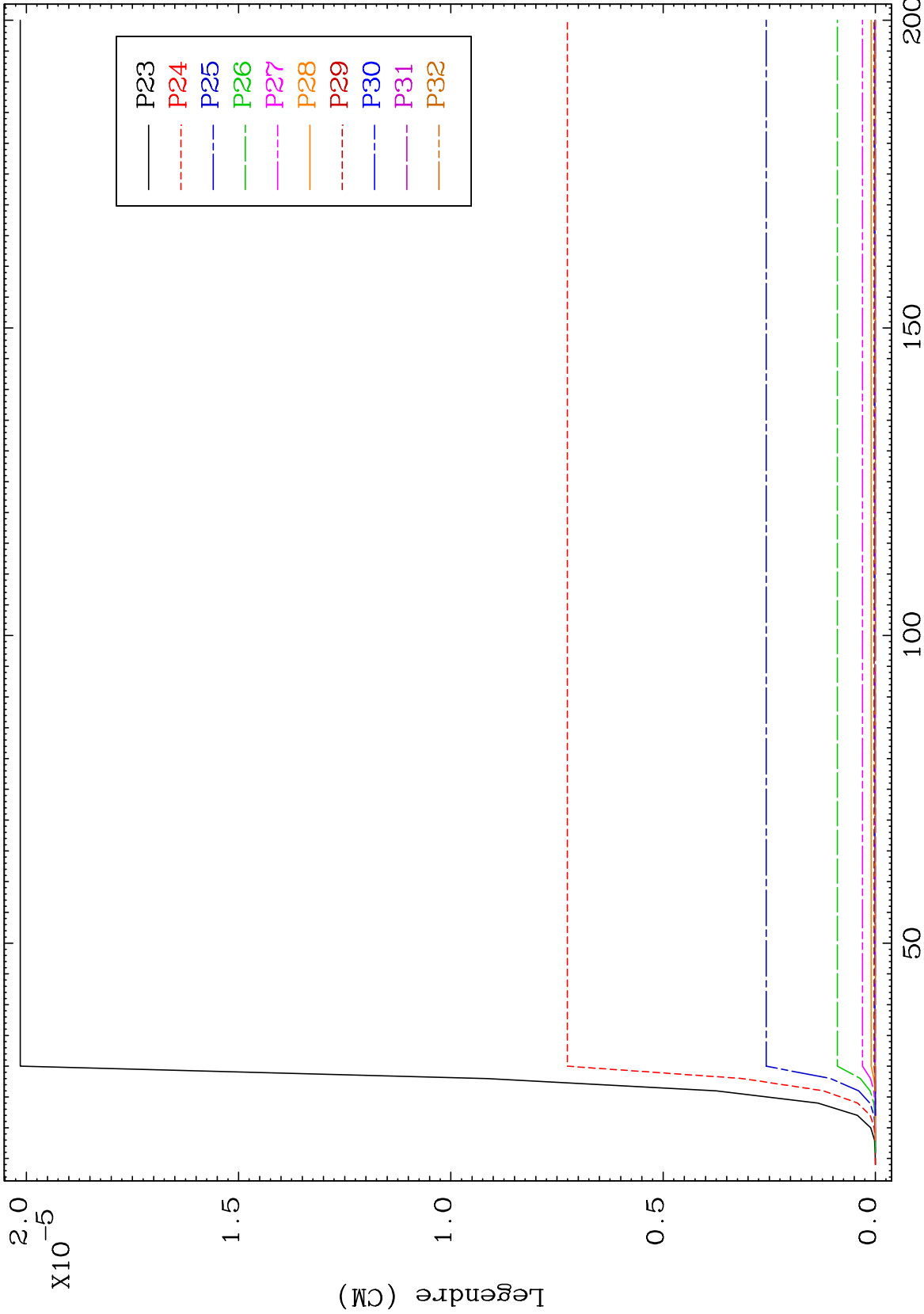
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



70

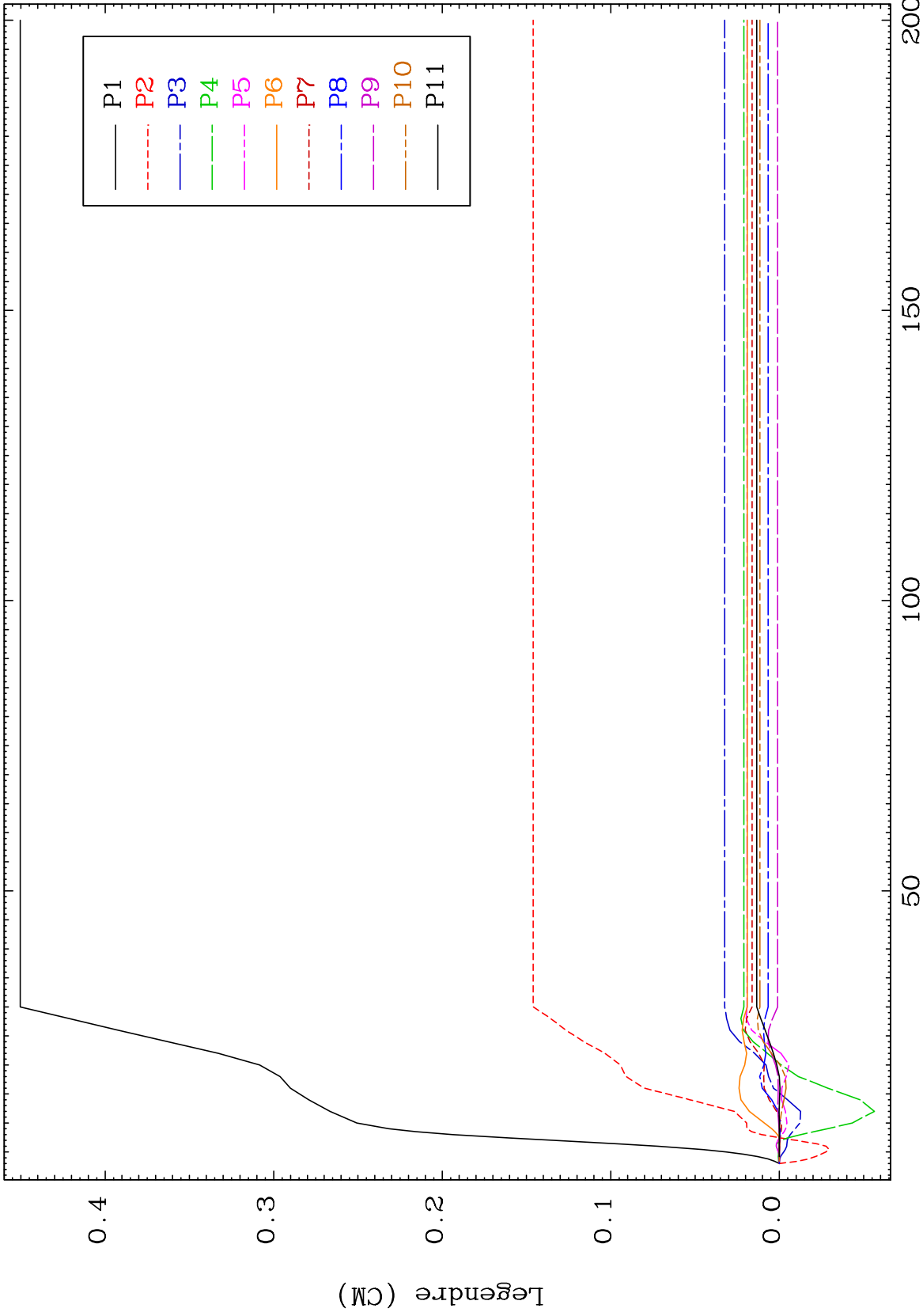
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



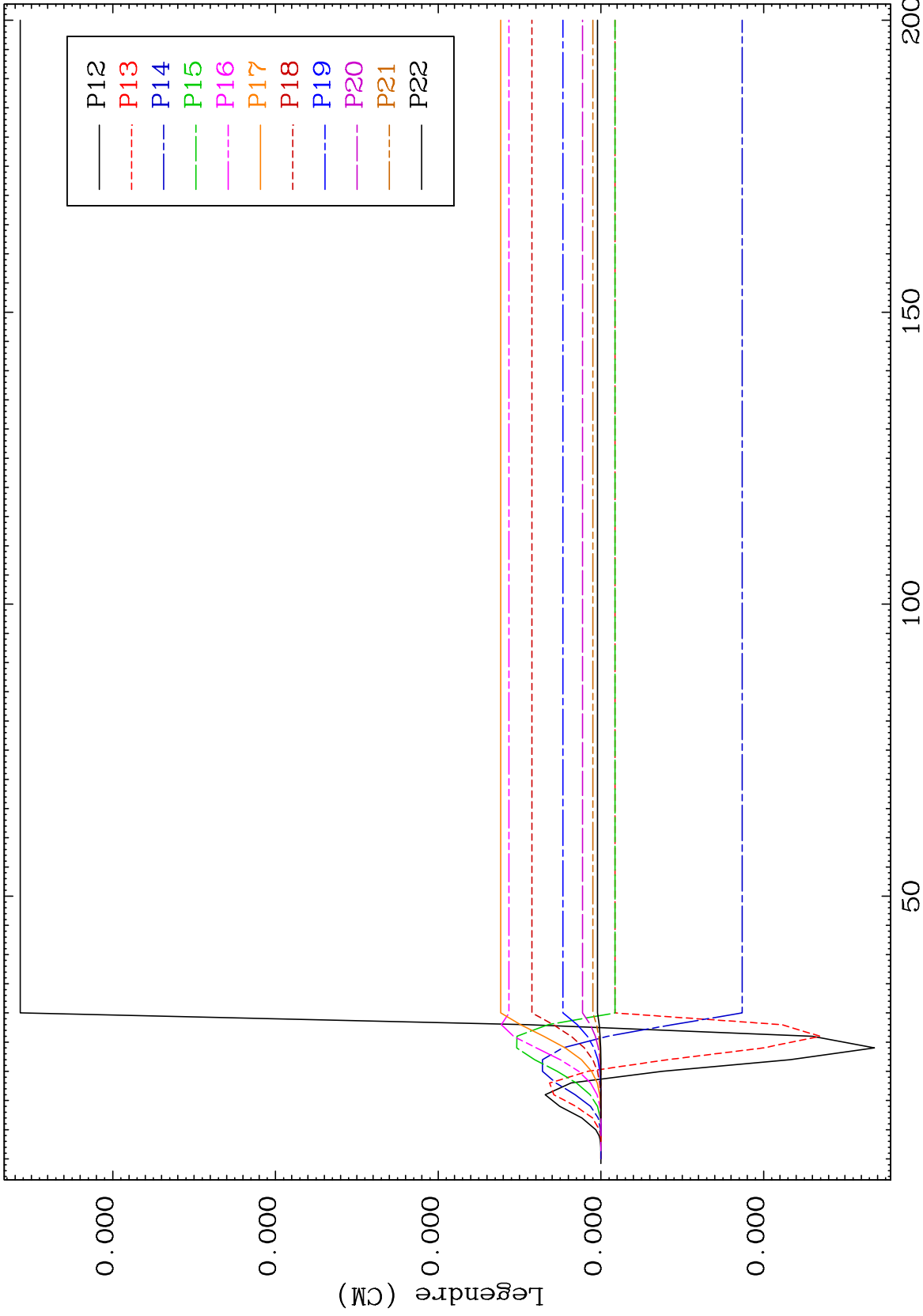
71

28-Ni-69

MAT 2858

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

28-Ni-69



72

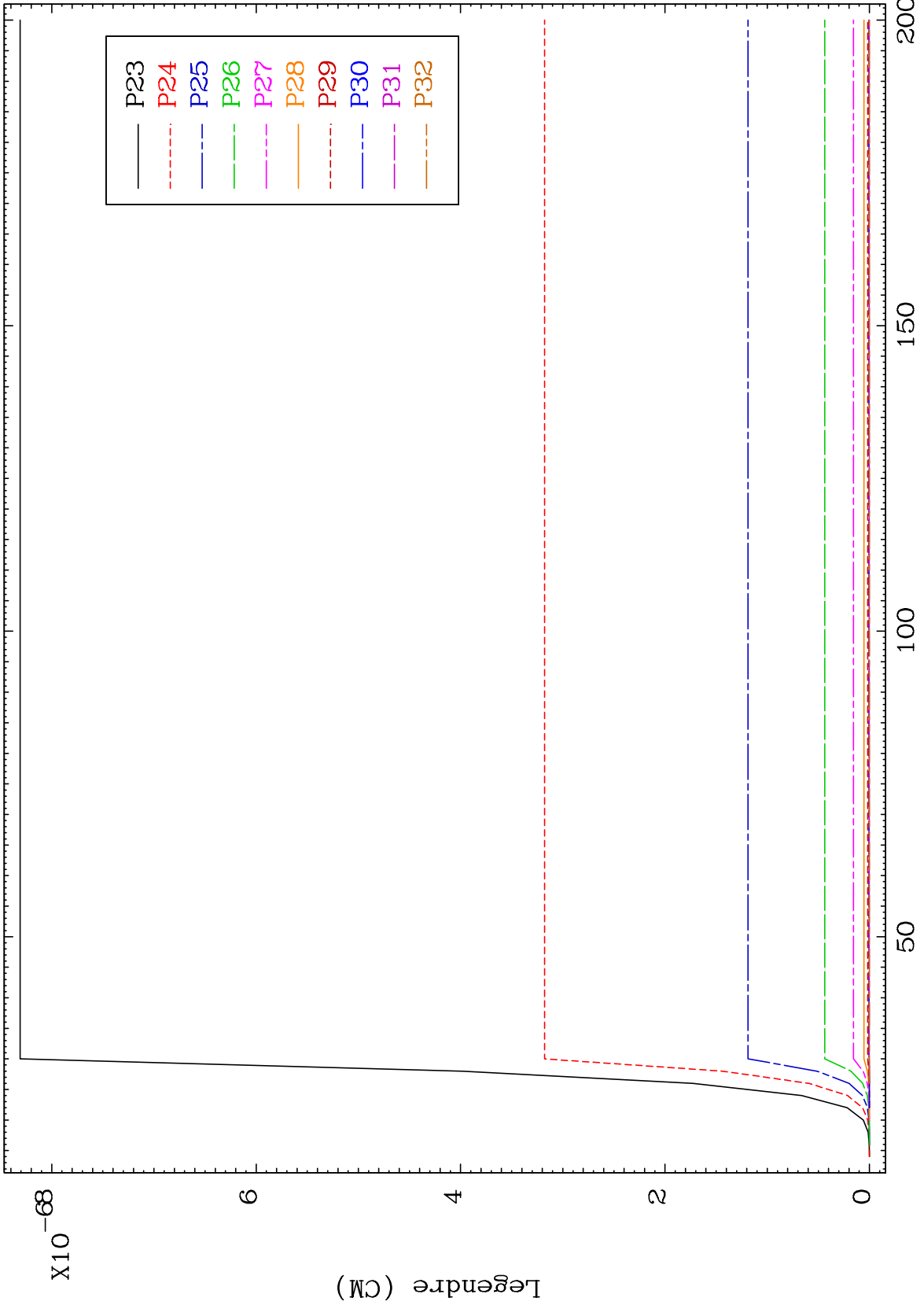
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



73

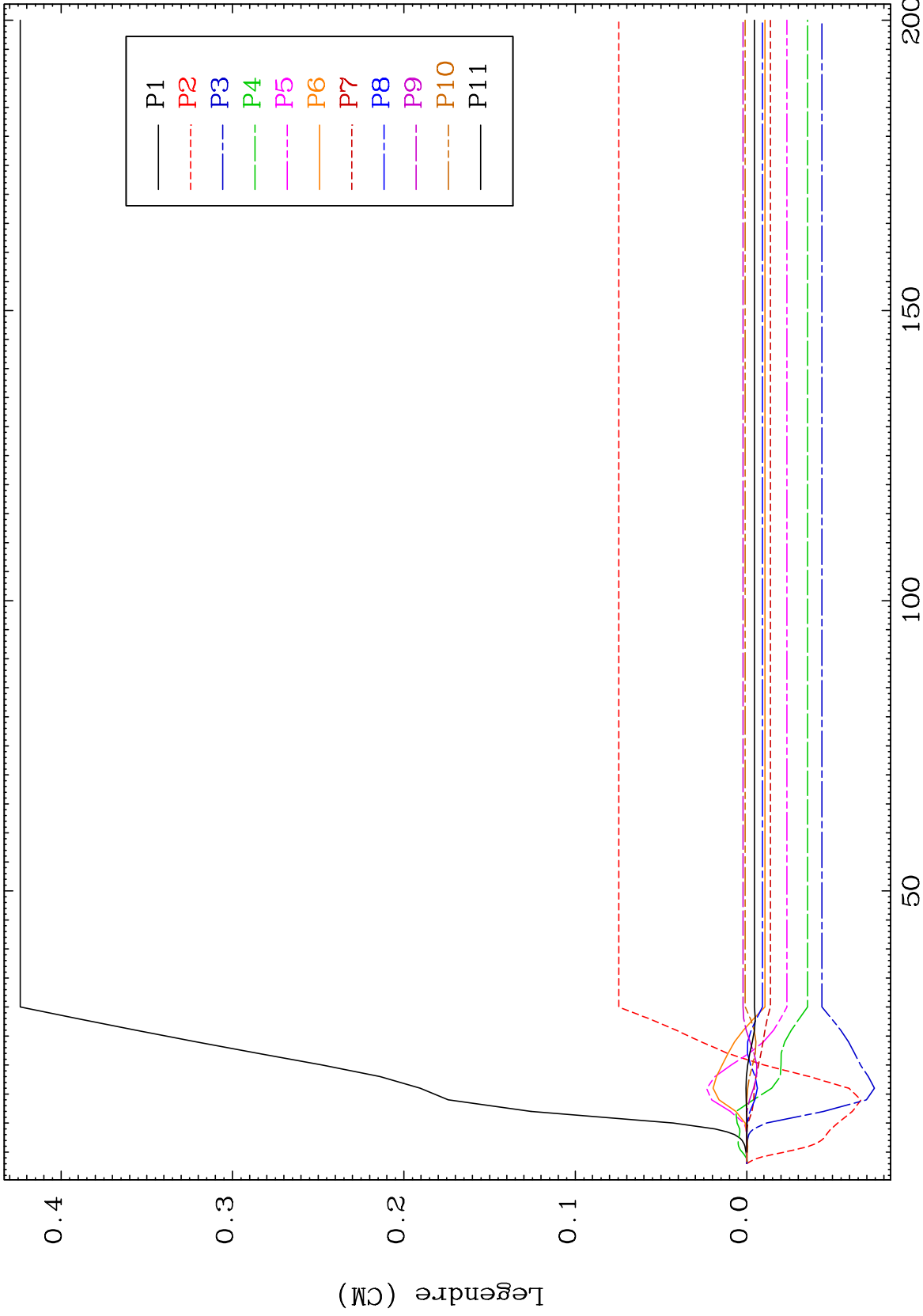
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



74

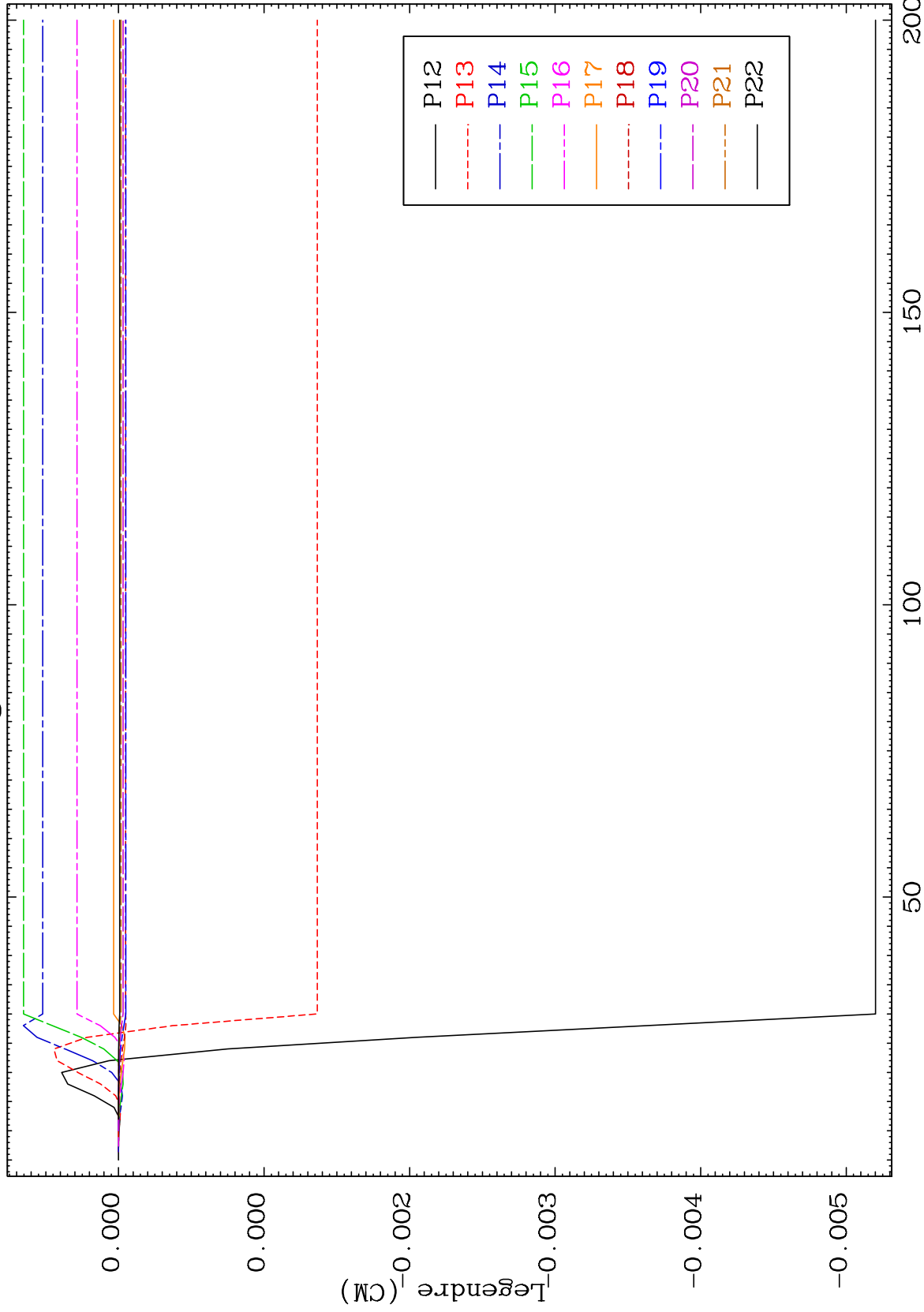
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



75

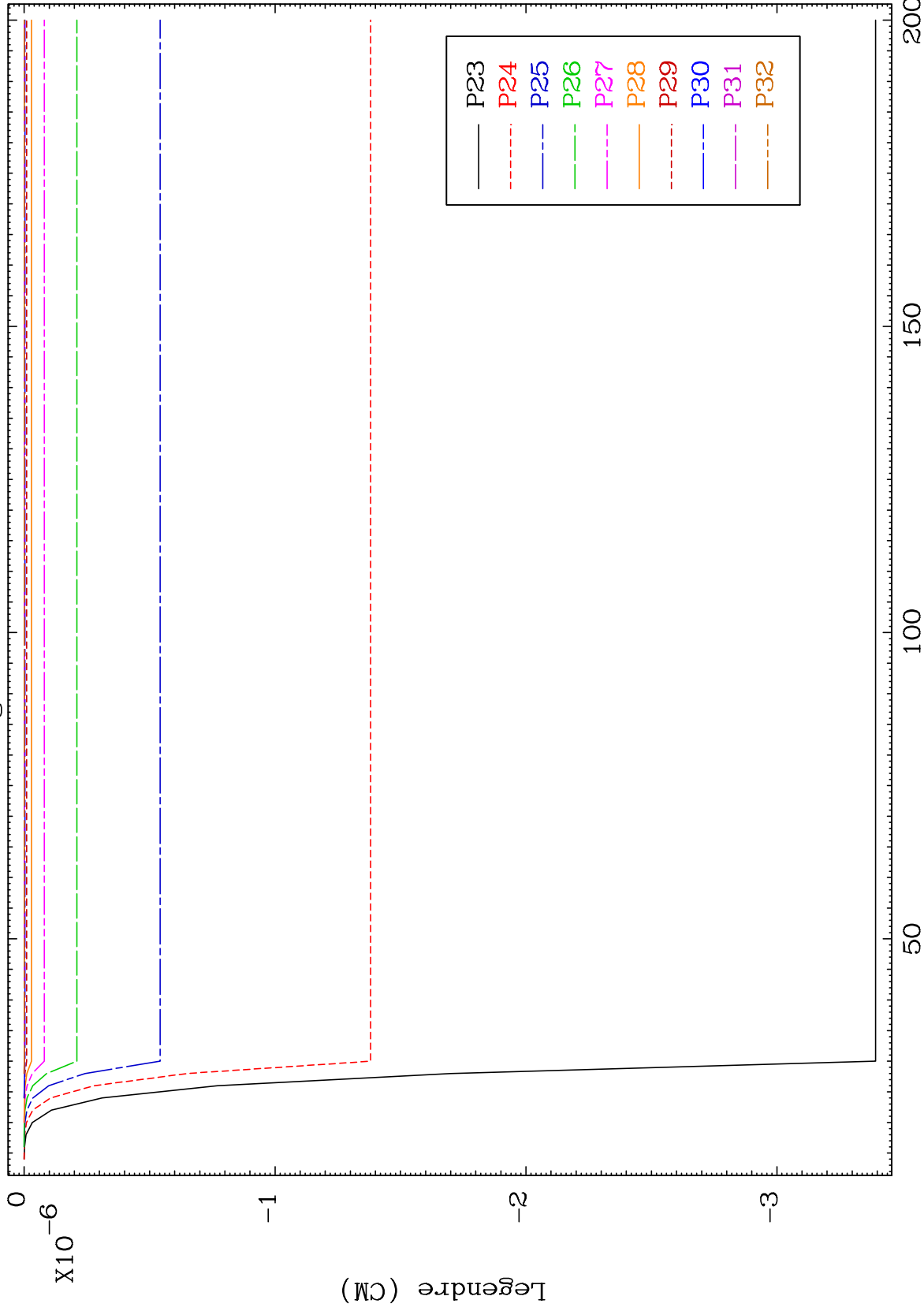
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



76

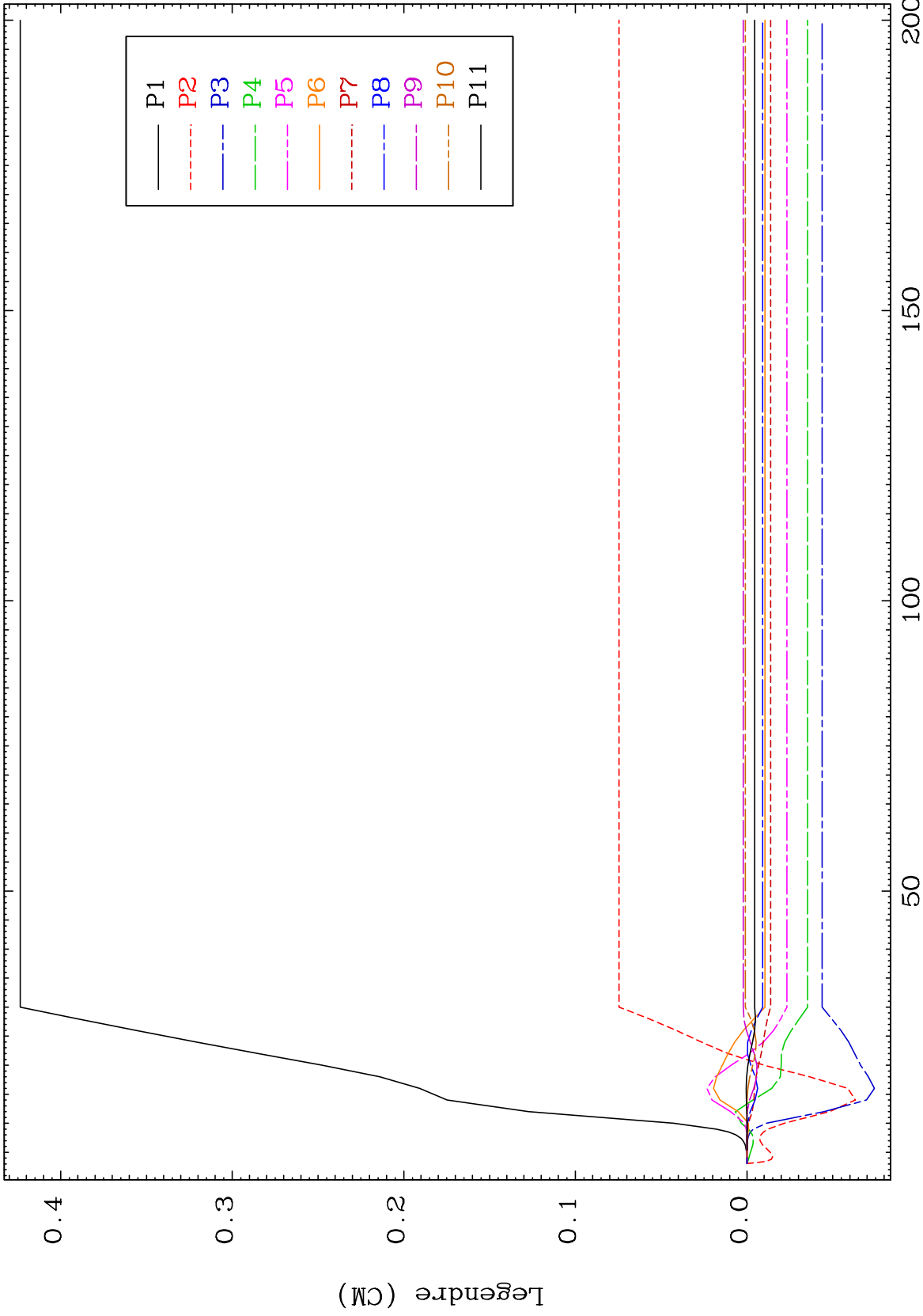
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



77

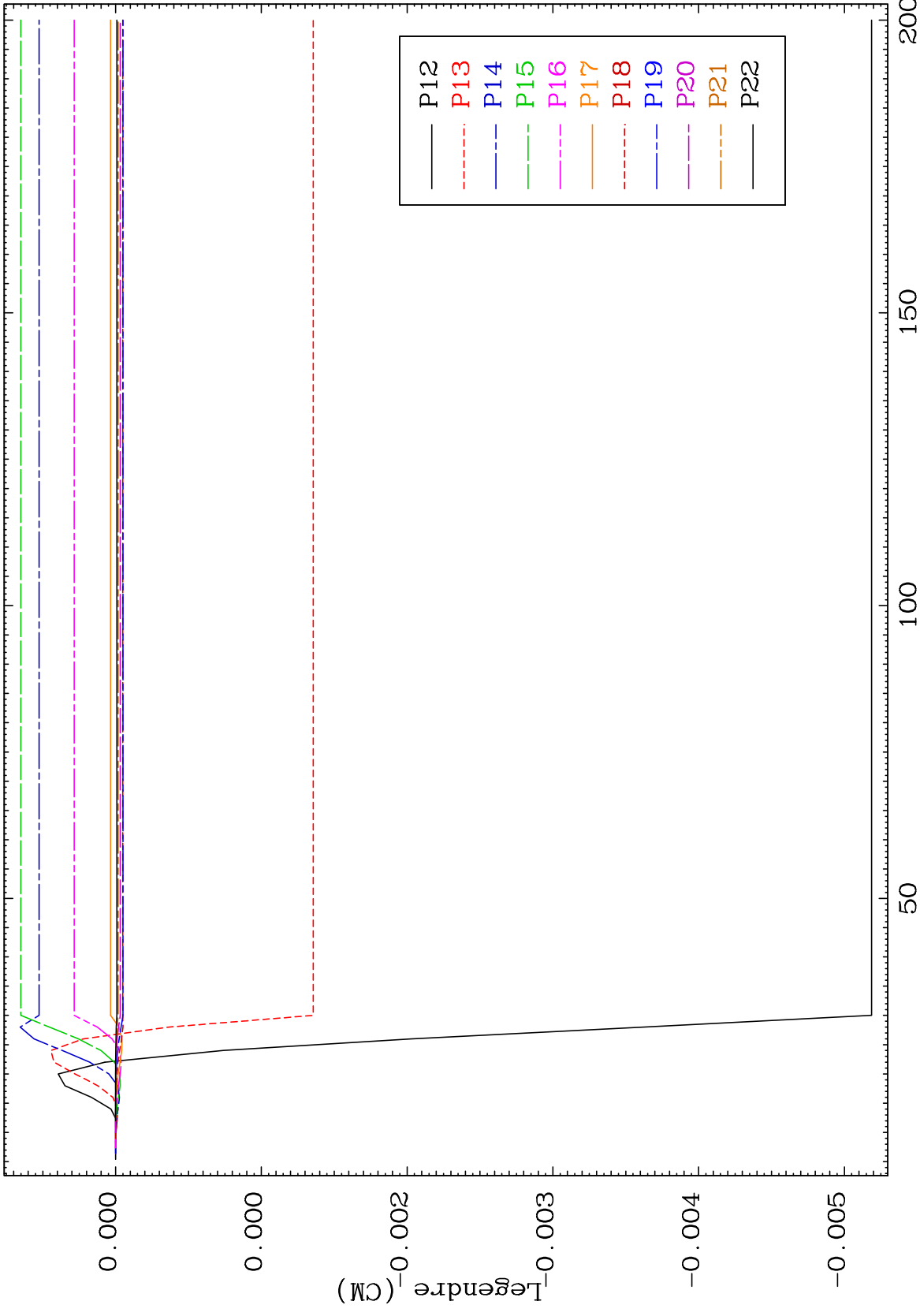
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



78

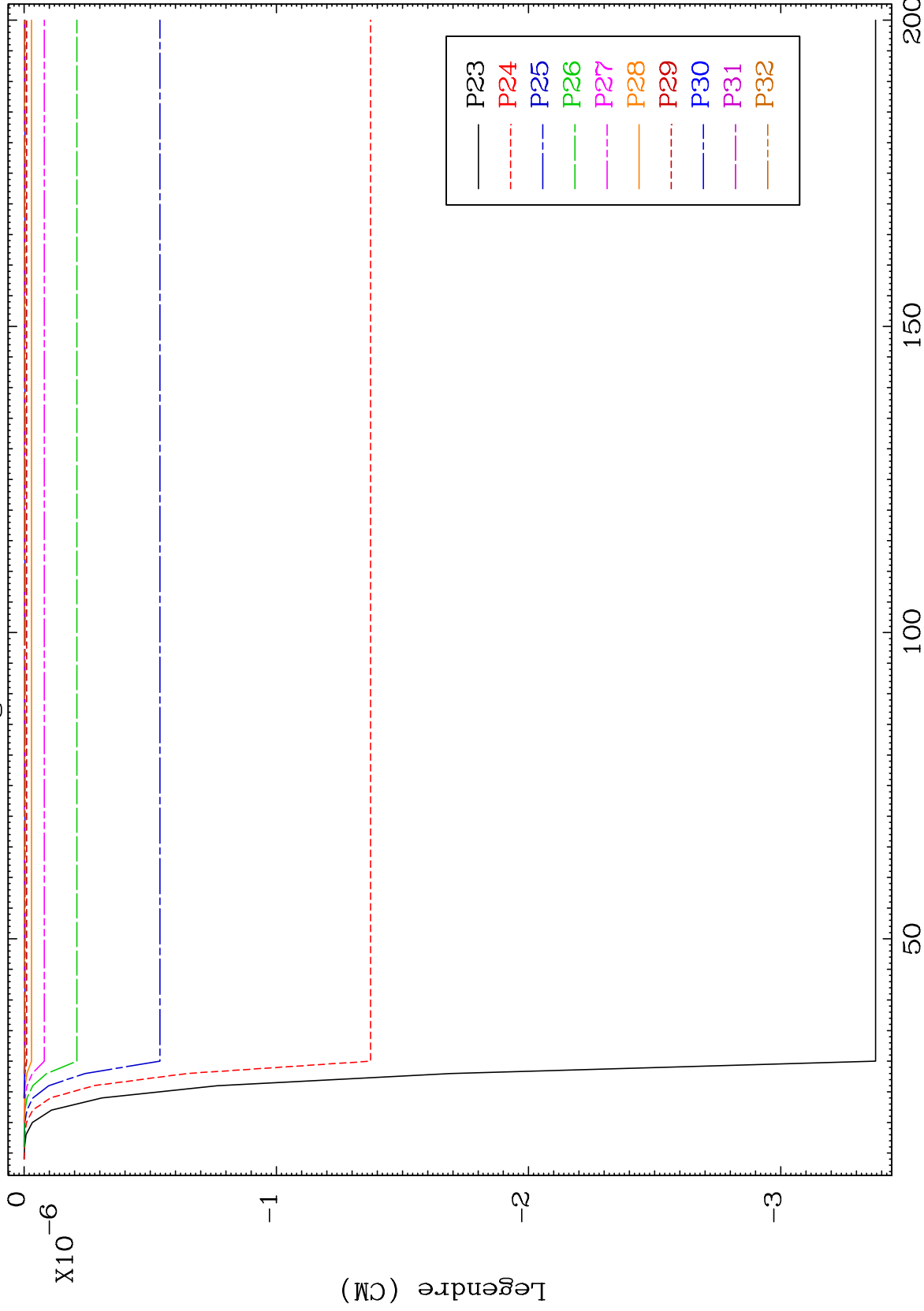
Incident Energy (MeV)

28-Ni-69

MAT 2858

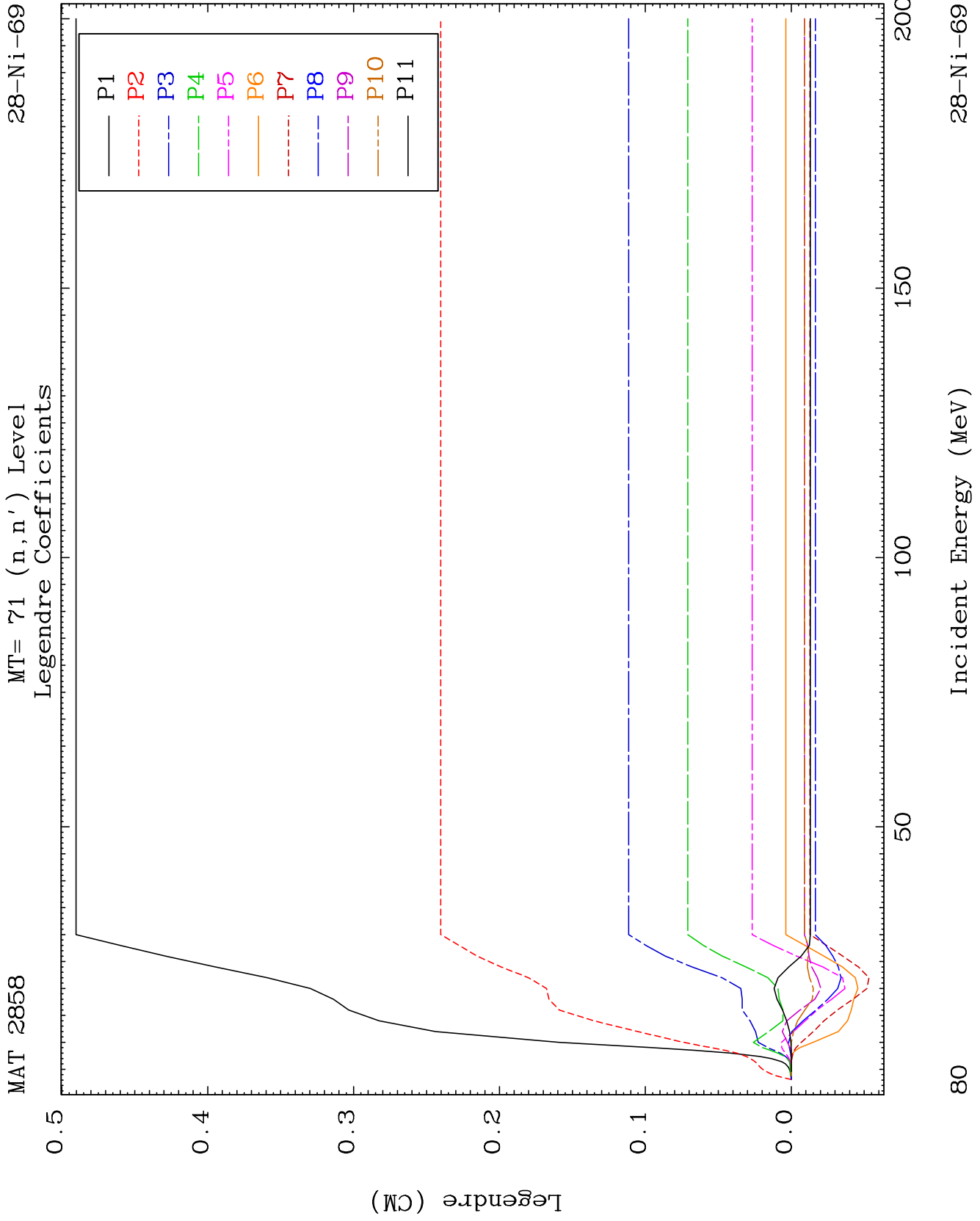
MT= 70 (n,n') Level
Legendre Coefficients

28-Ni-69



79

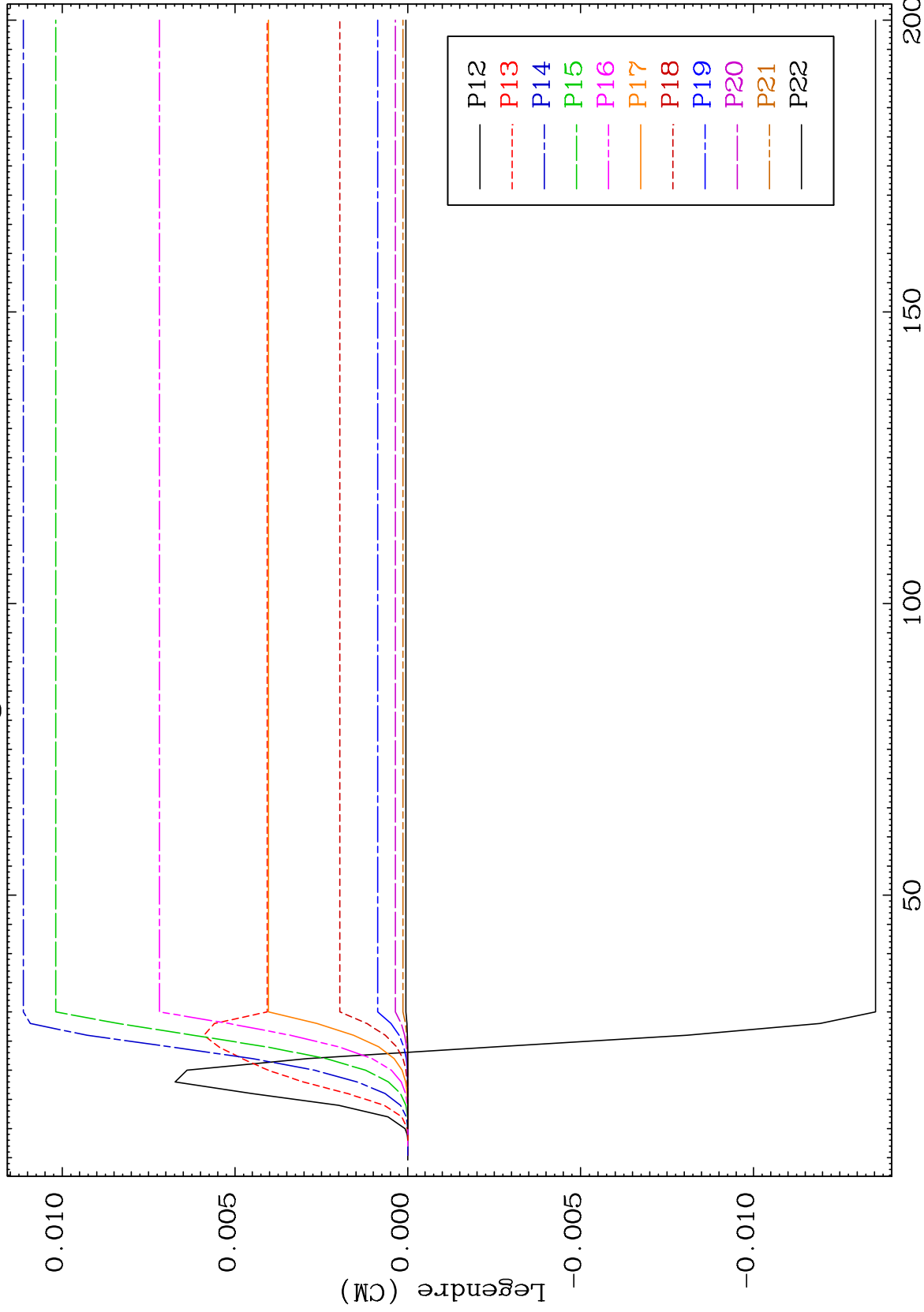
28-Ni-69



MAT 2858

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

28-Ni-69



81

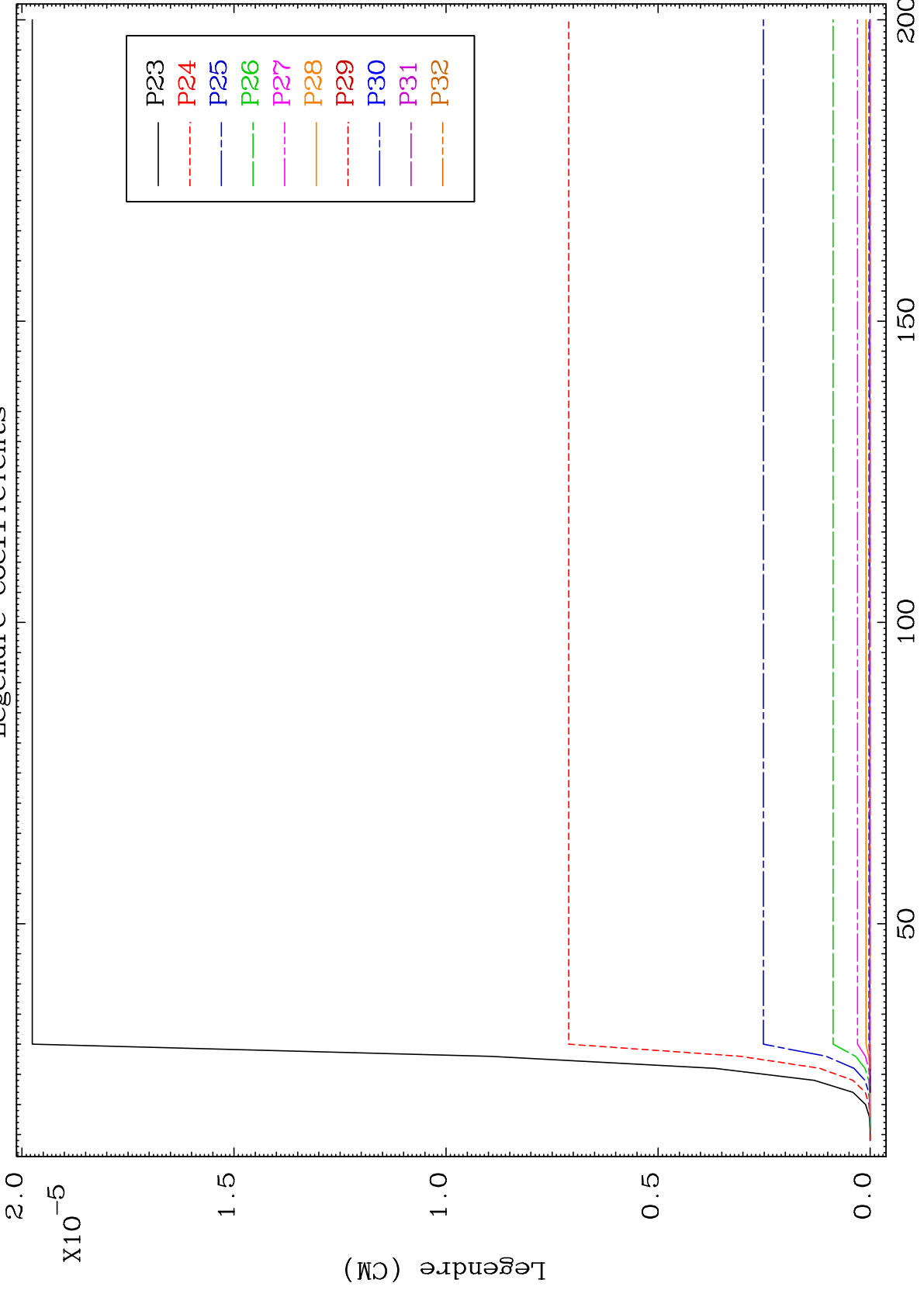
Incident Energy (MeV)

28-Ni-69

28-Ni-69

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

MAT 2858



28-Ni-69

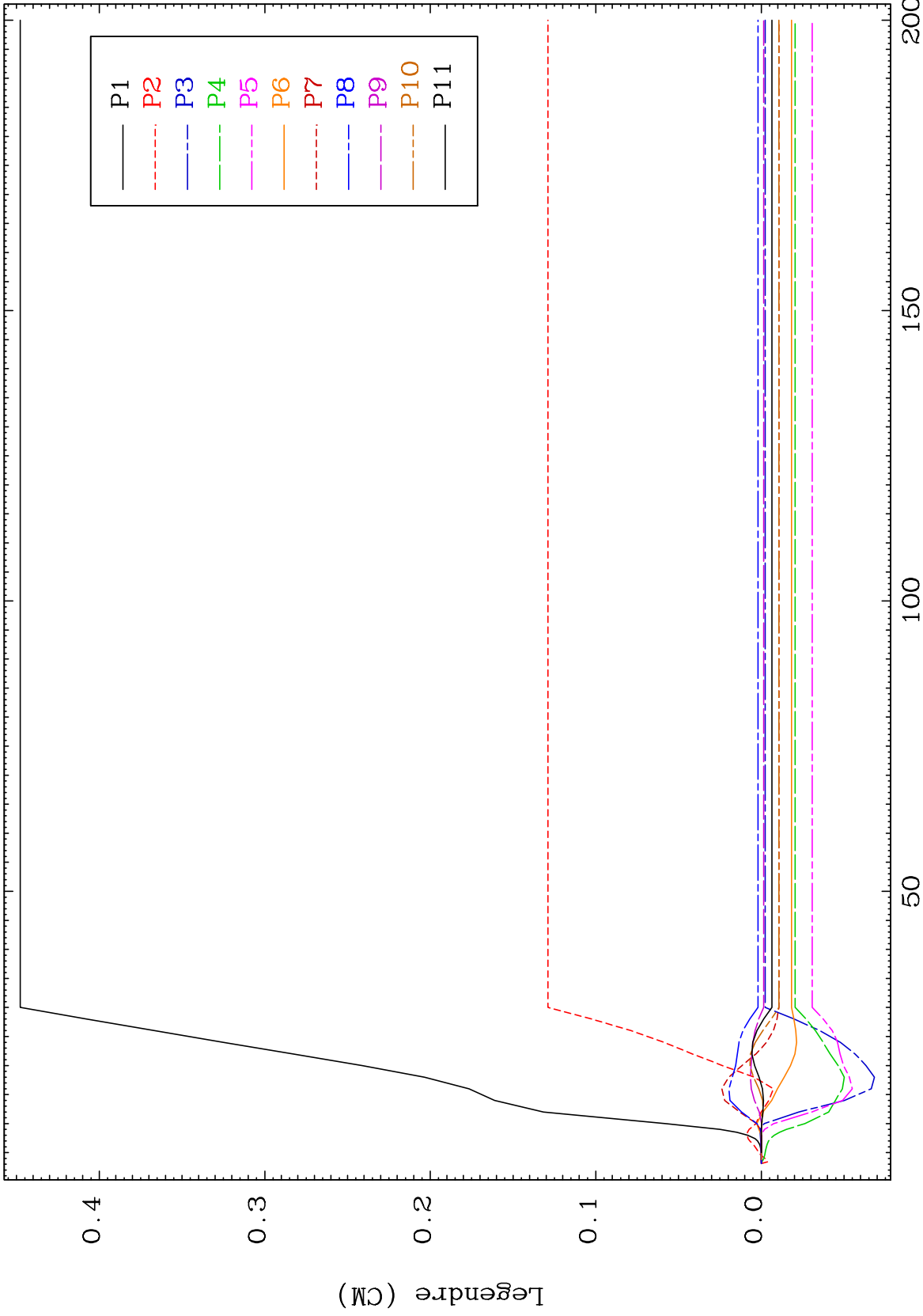
Incident Energy (MeV)

82

MAT 2858

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

28-Ni-69



83

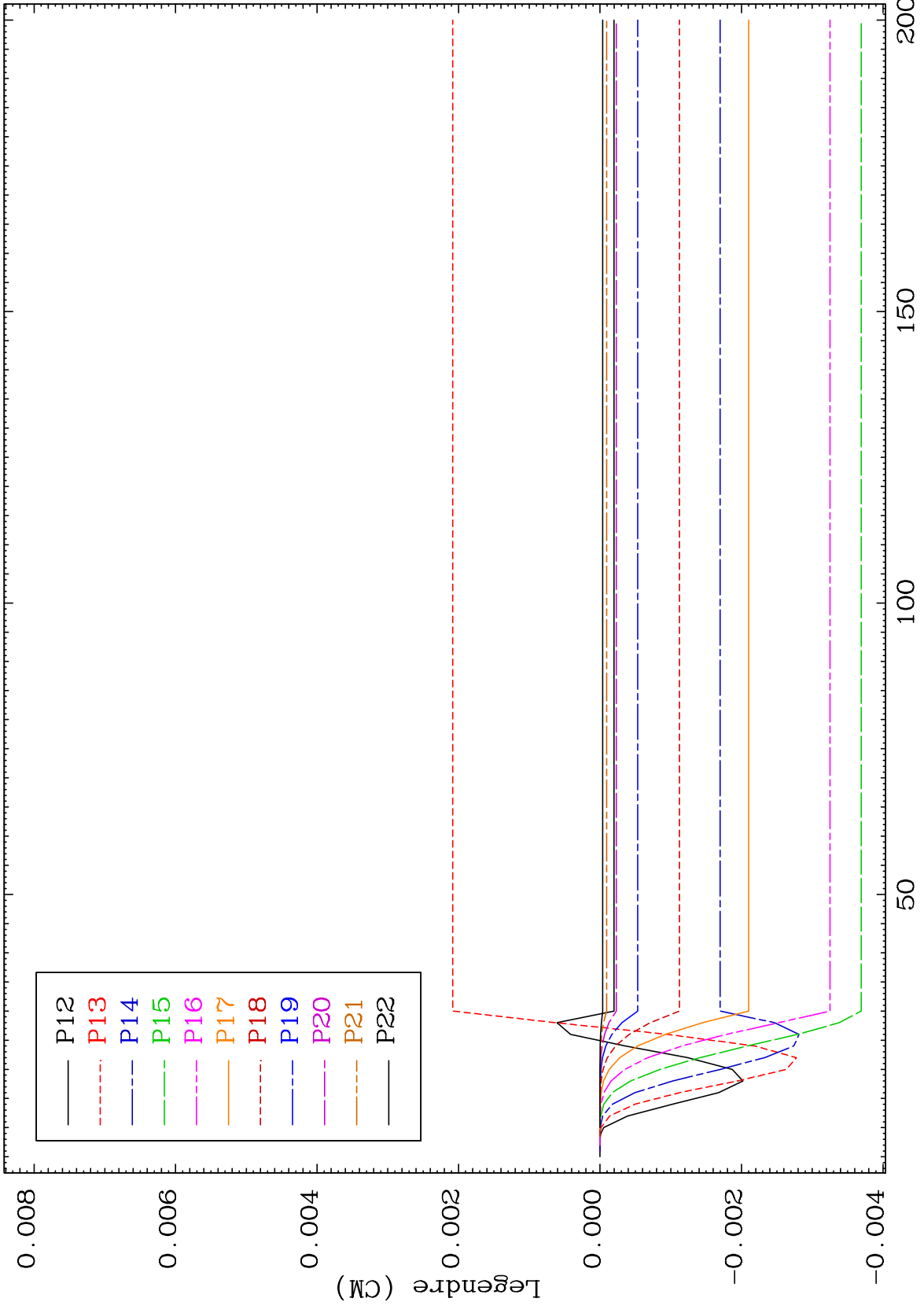
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



84

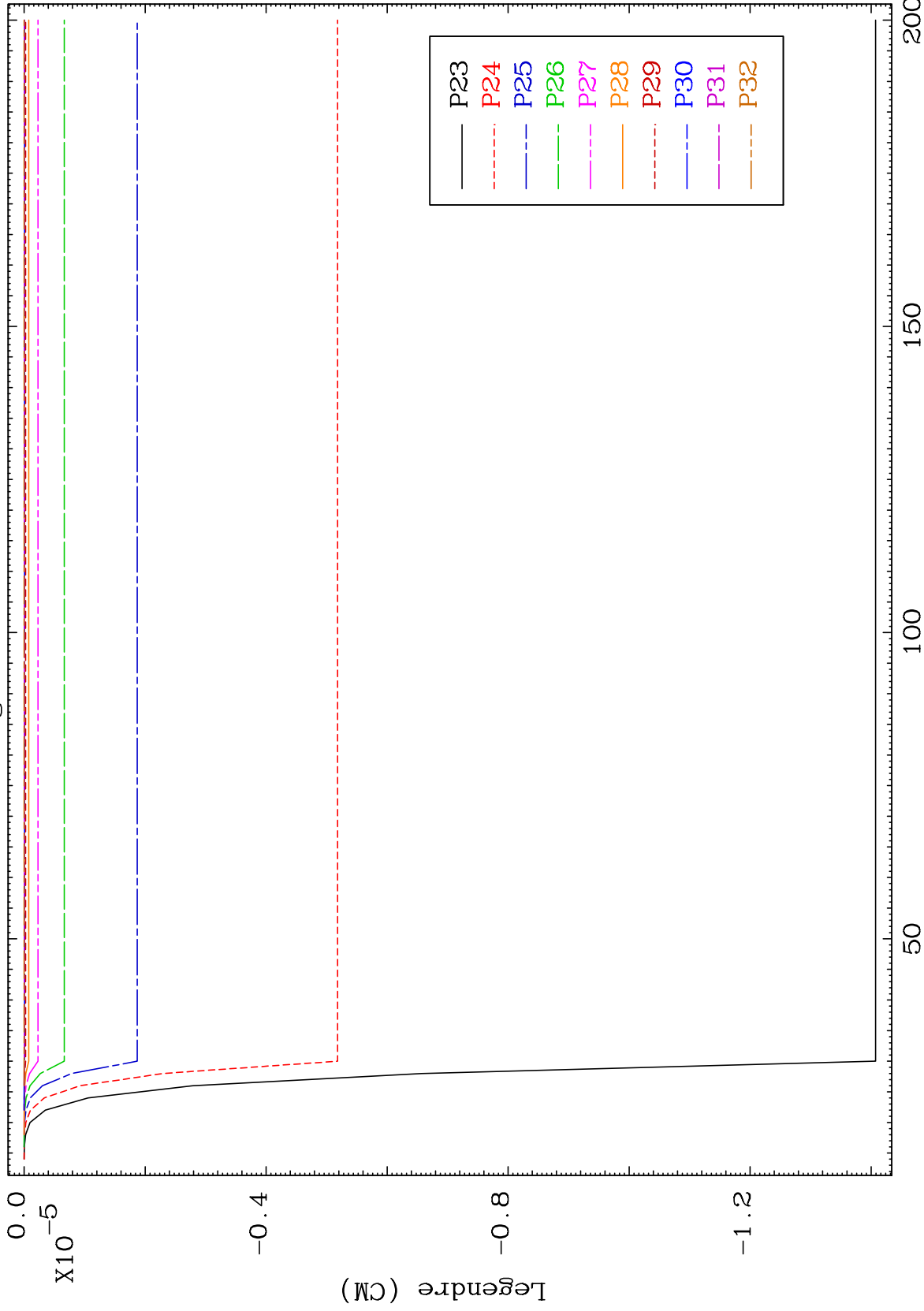
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



28-Ni-69

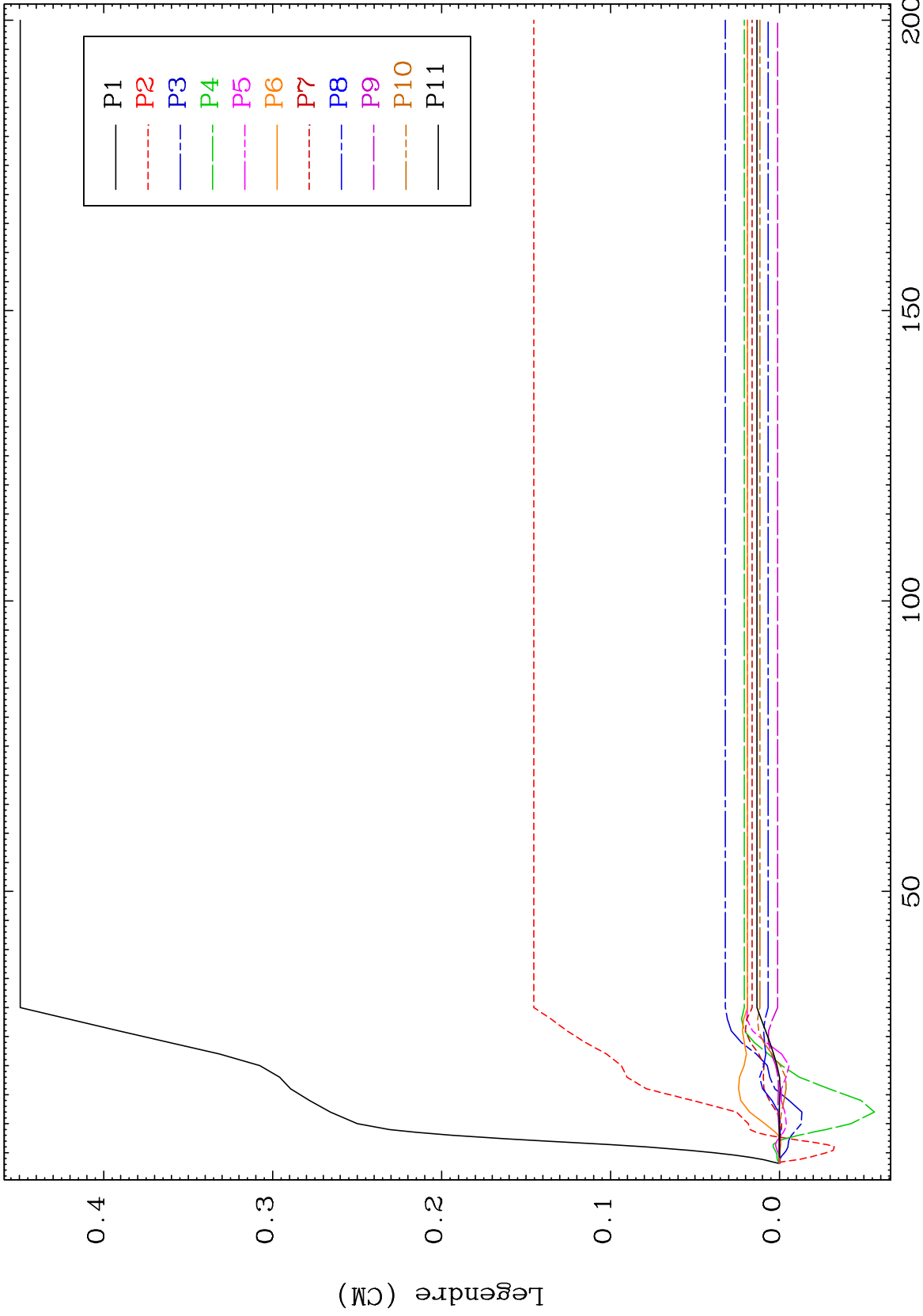
Incident Energy (MeV)

85

MAT 2858

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

28-Ni-69



86

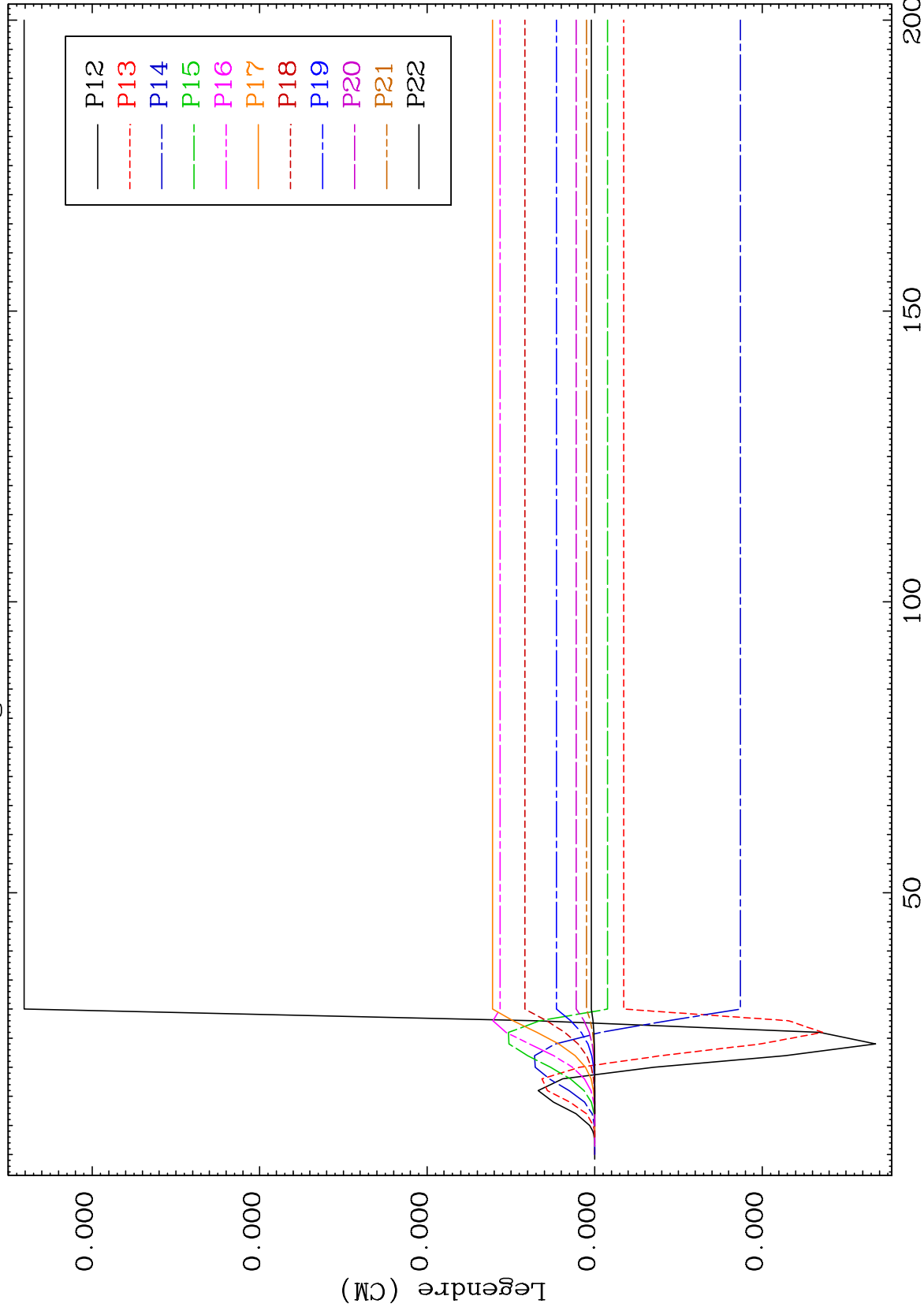
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



87

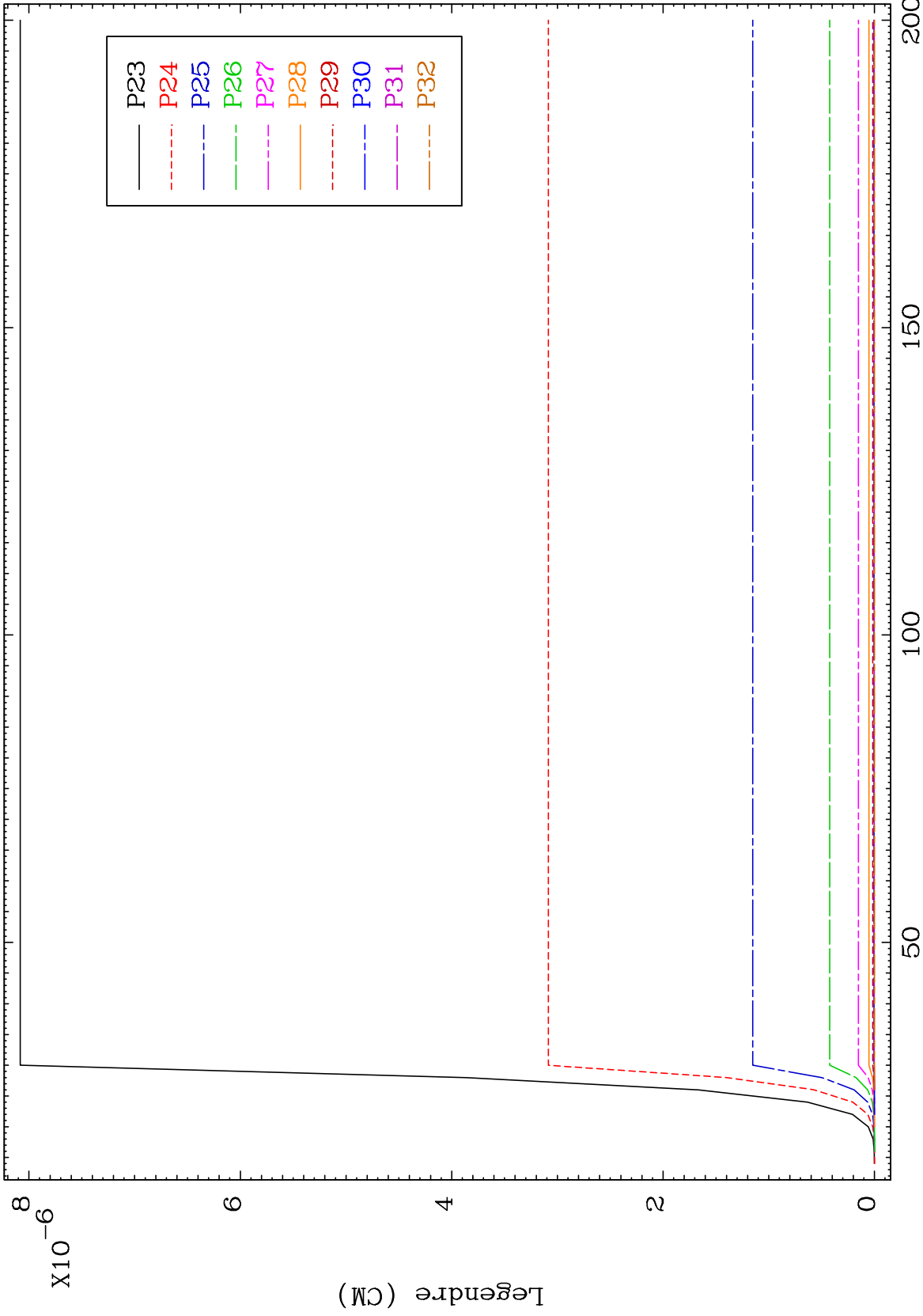
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



88

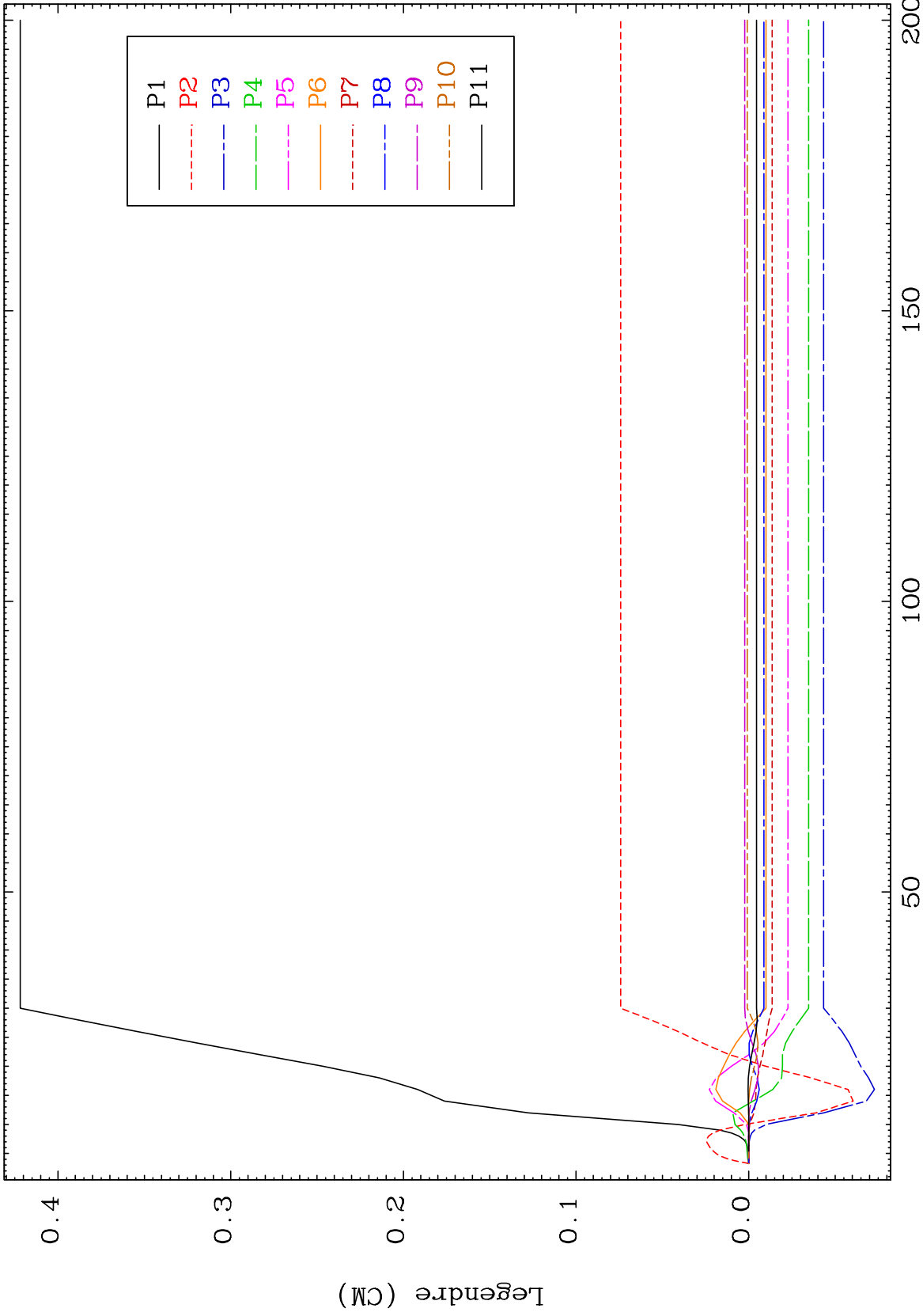
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



89

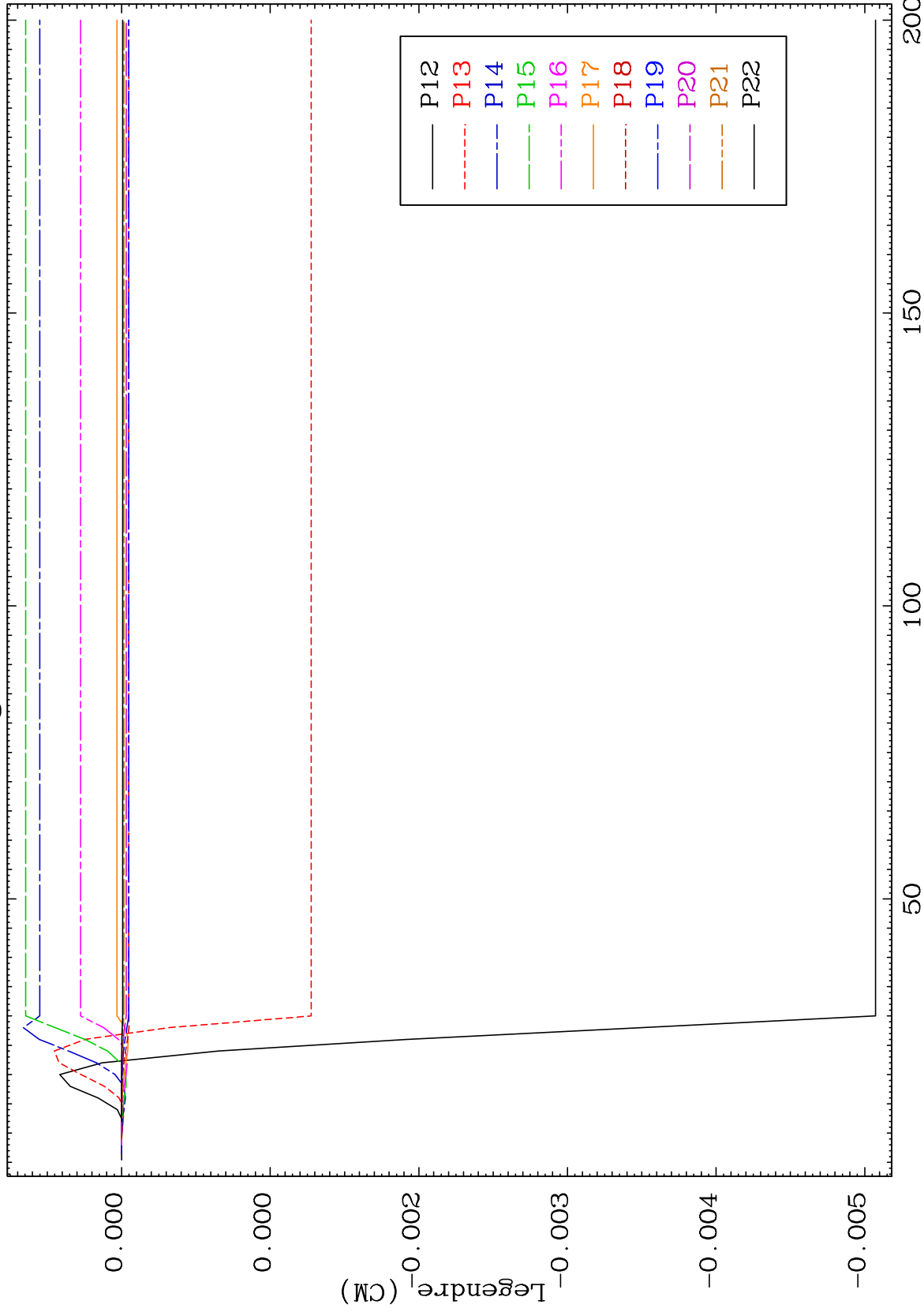
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



90

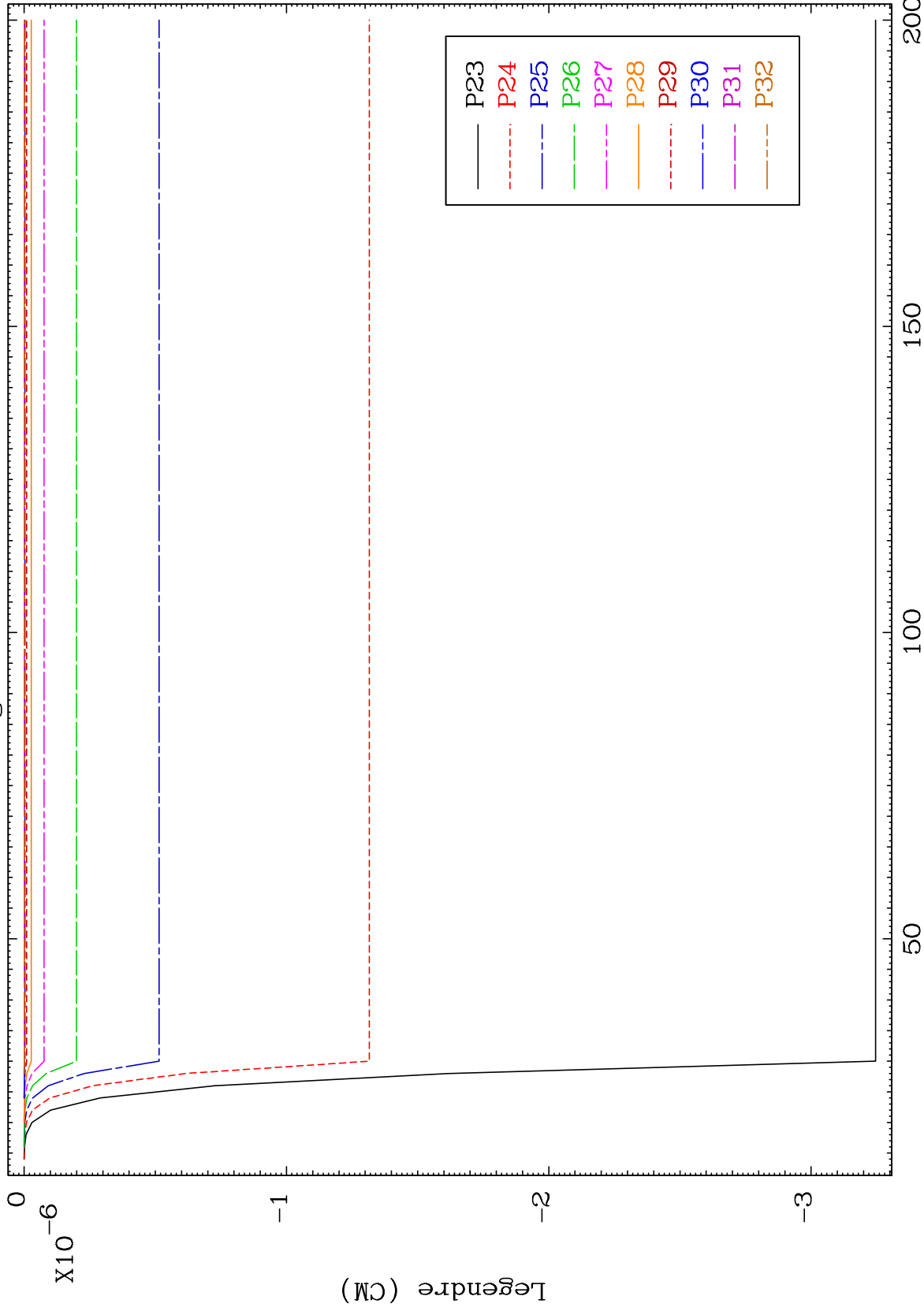
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



28-Ni-69

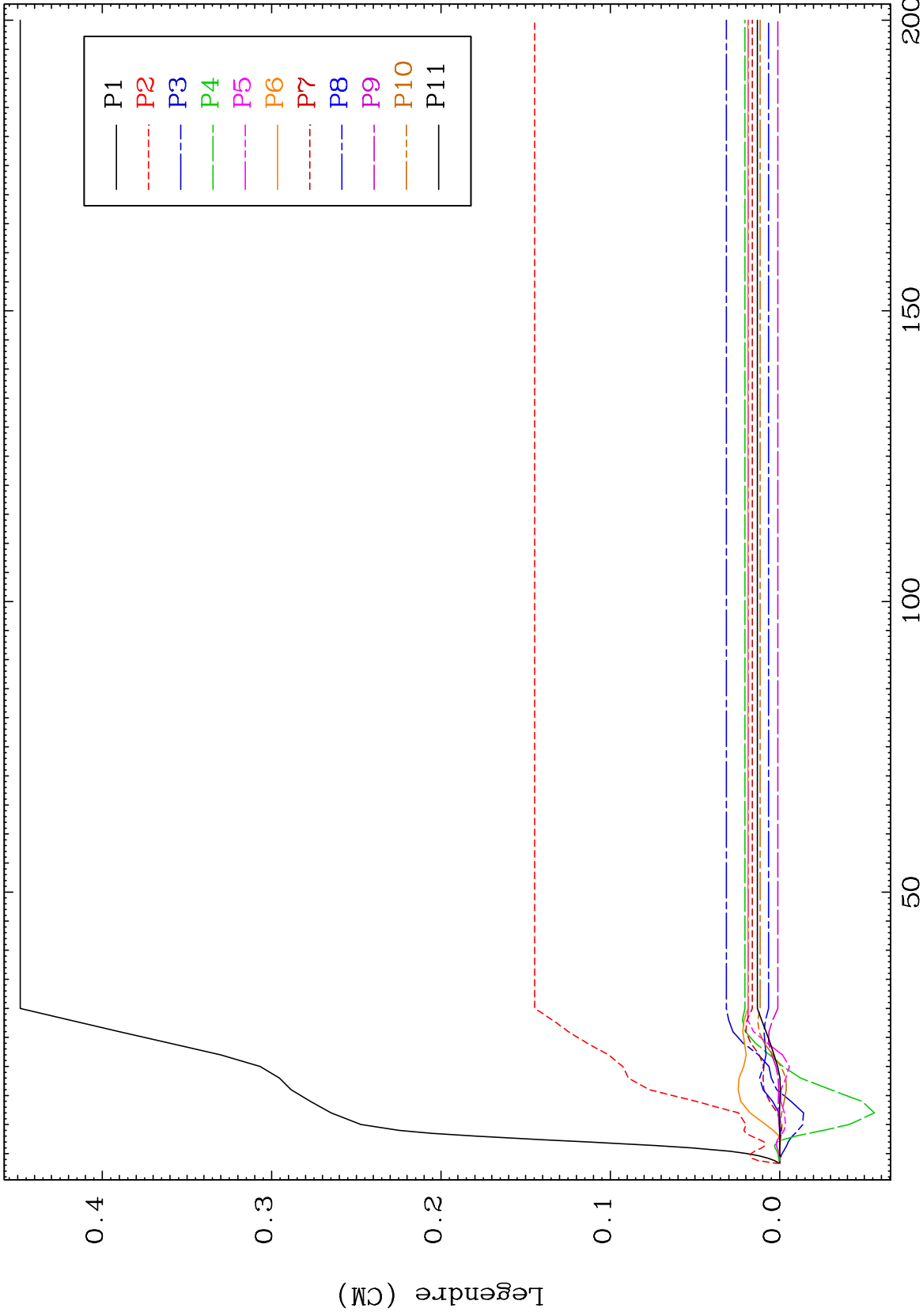
Incident Energy (MeV)

91

MAT 2858

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

28-Ni-69



92

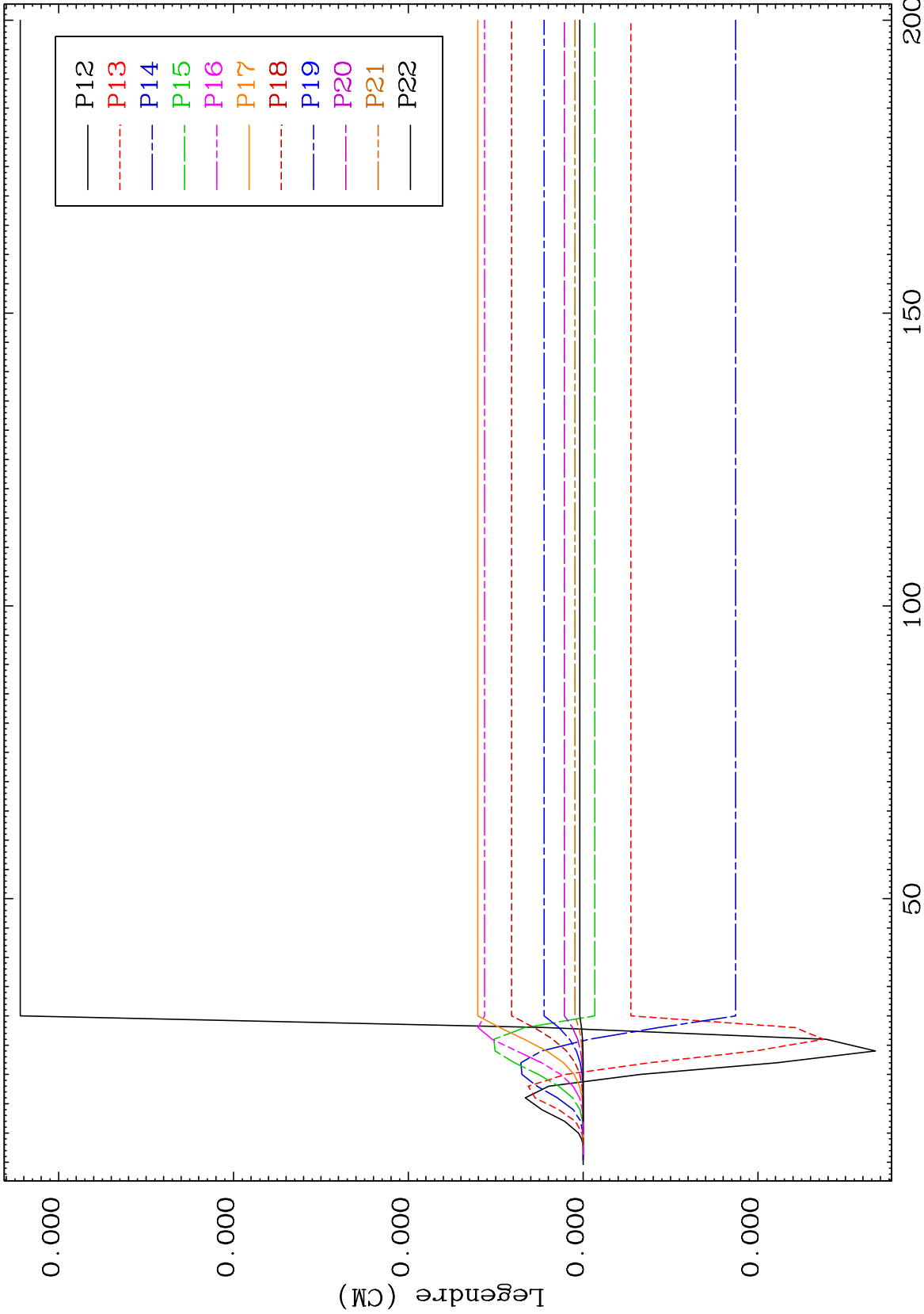
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



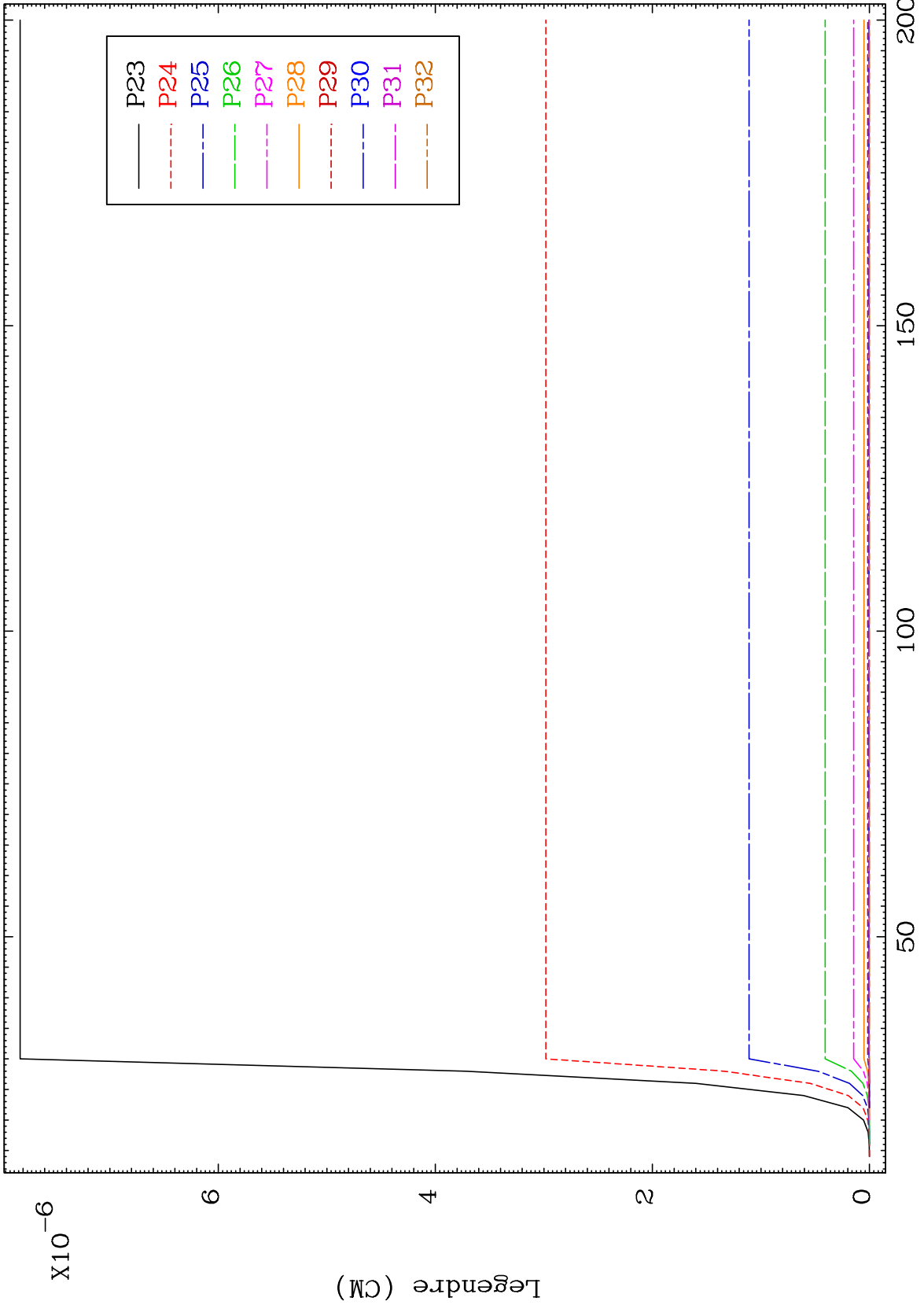
93

28-Ni-69

MAT 2858

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

28-Ni-69



94

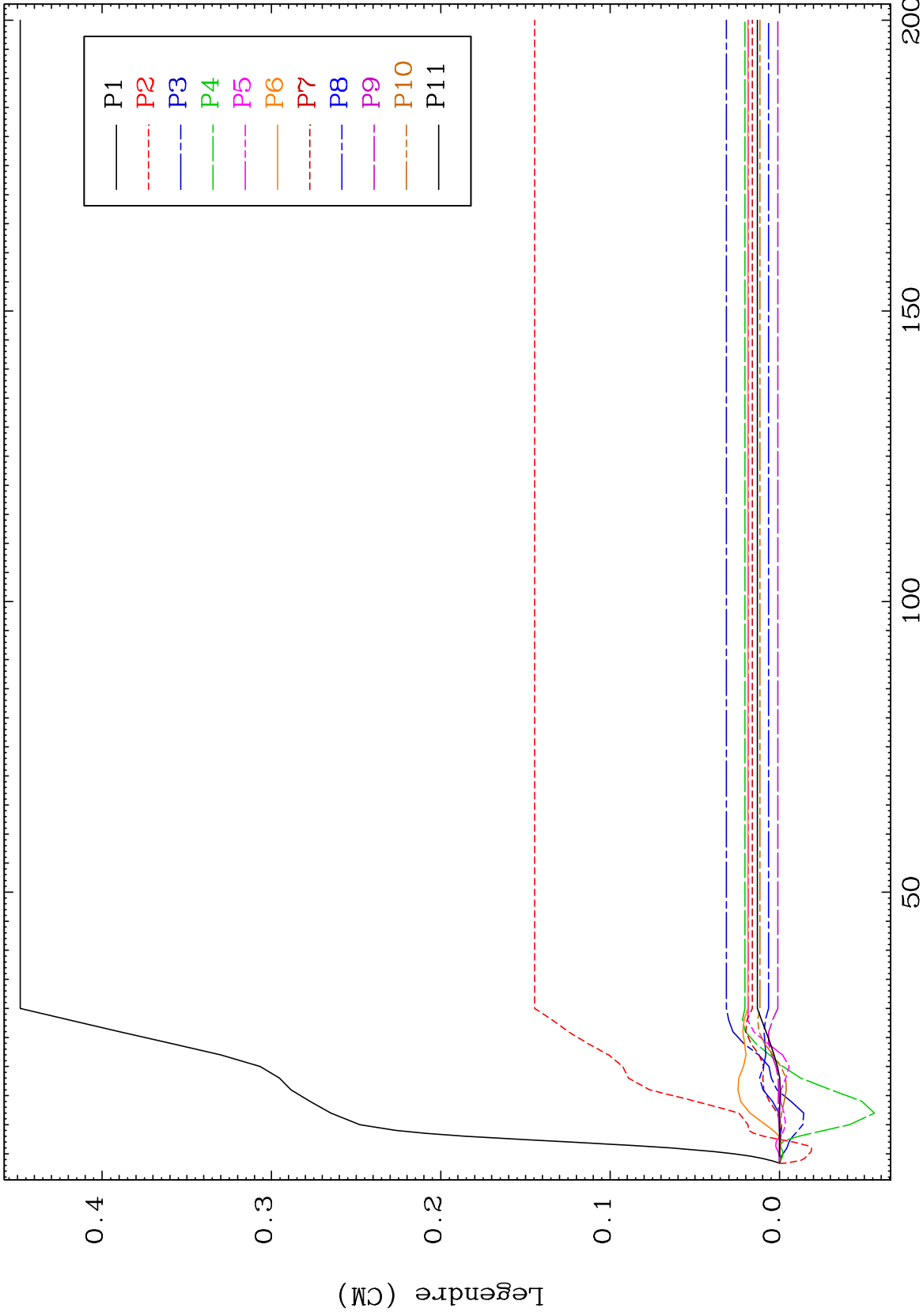
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



95

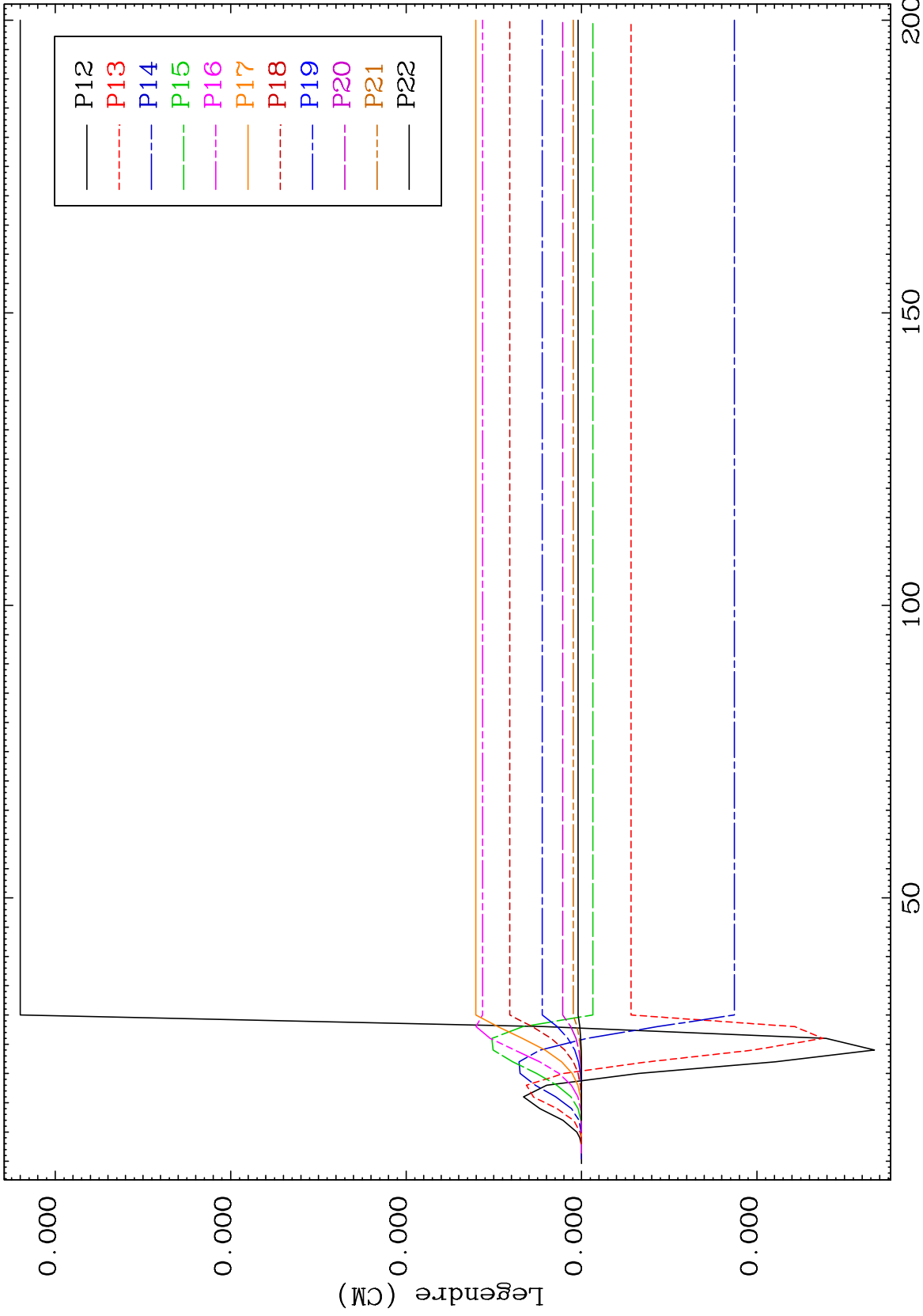
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



96

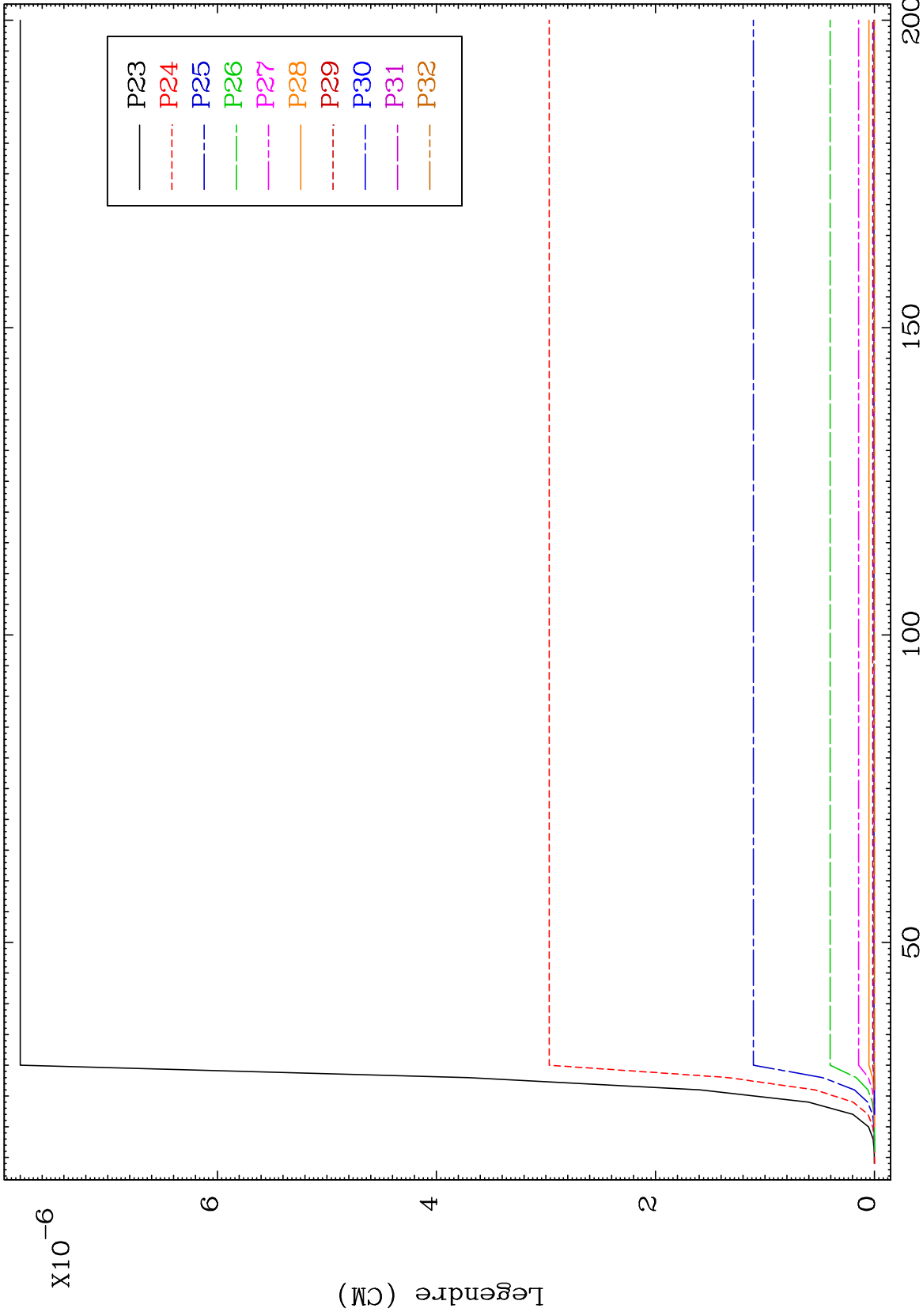
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



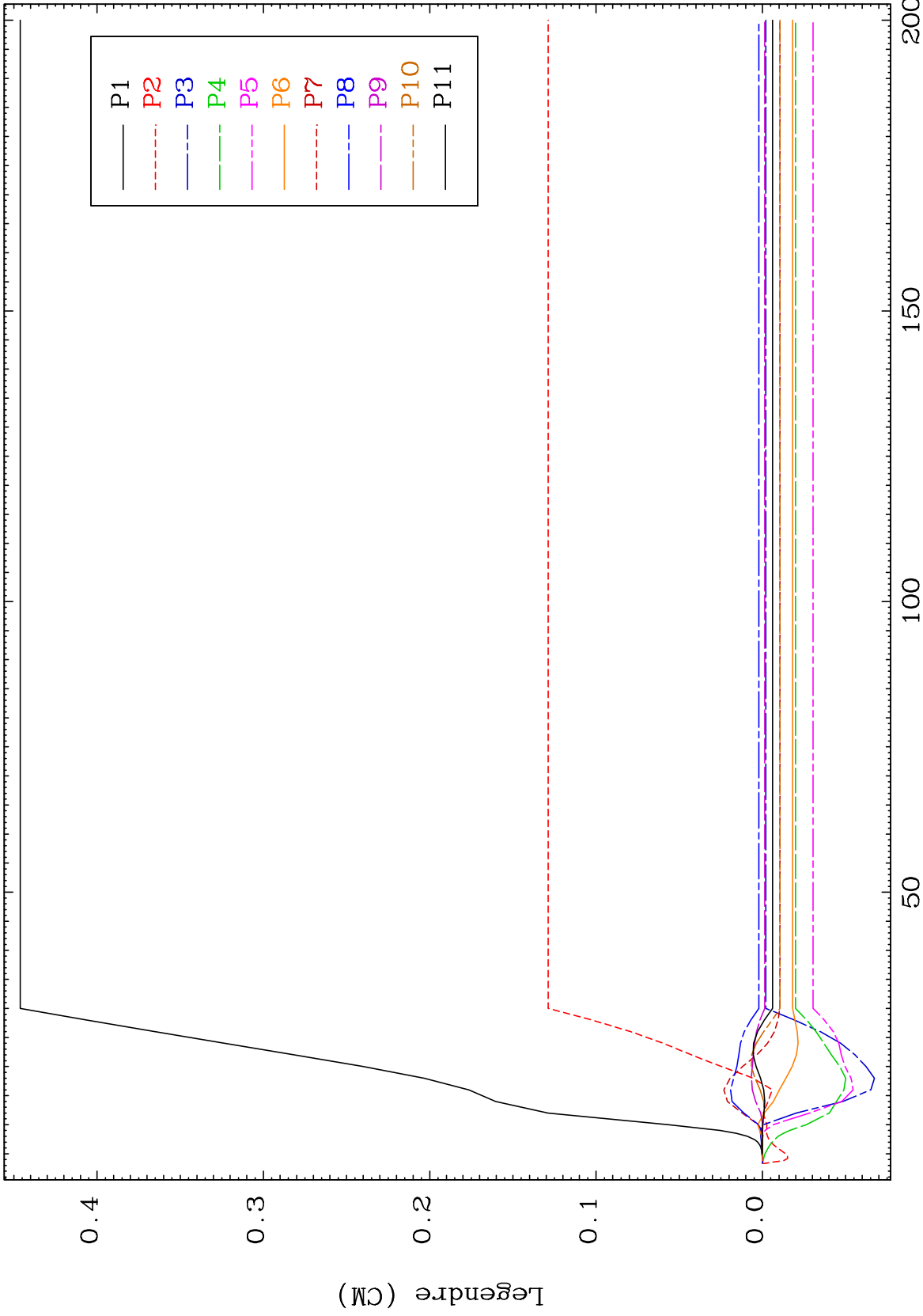
97

28-Ni-69

MAT 2858

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

28-Ni-69



98

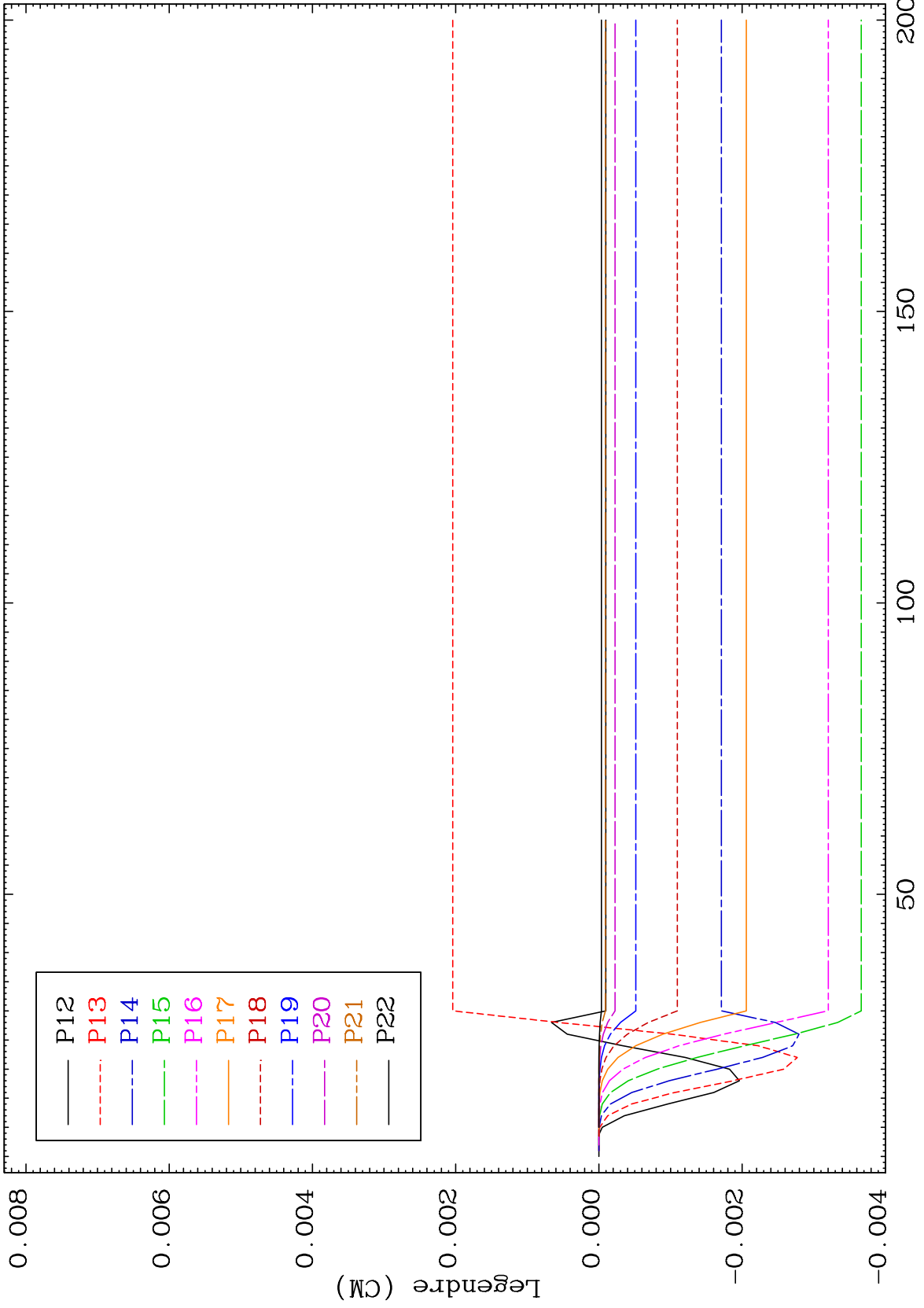
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



99

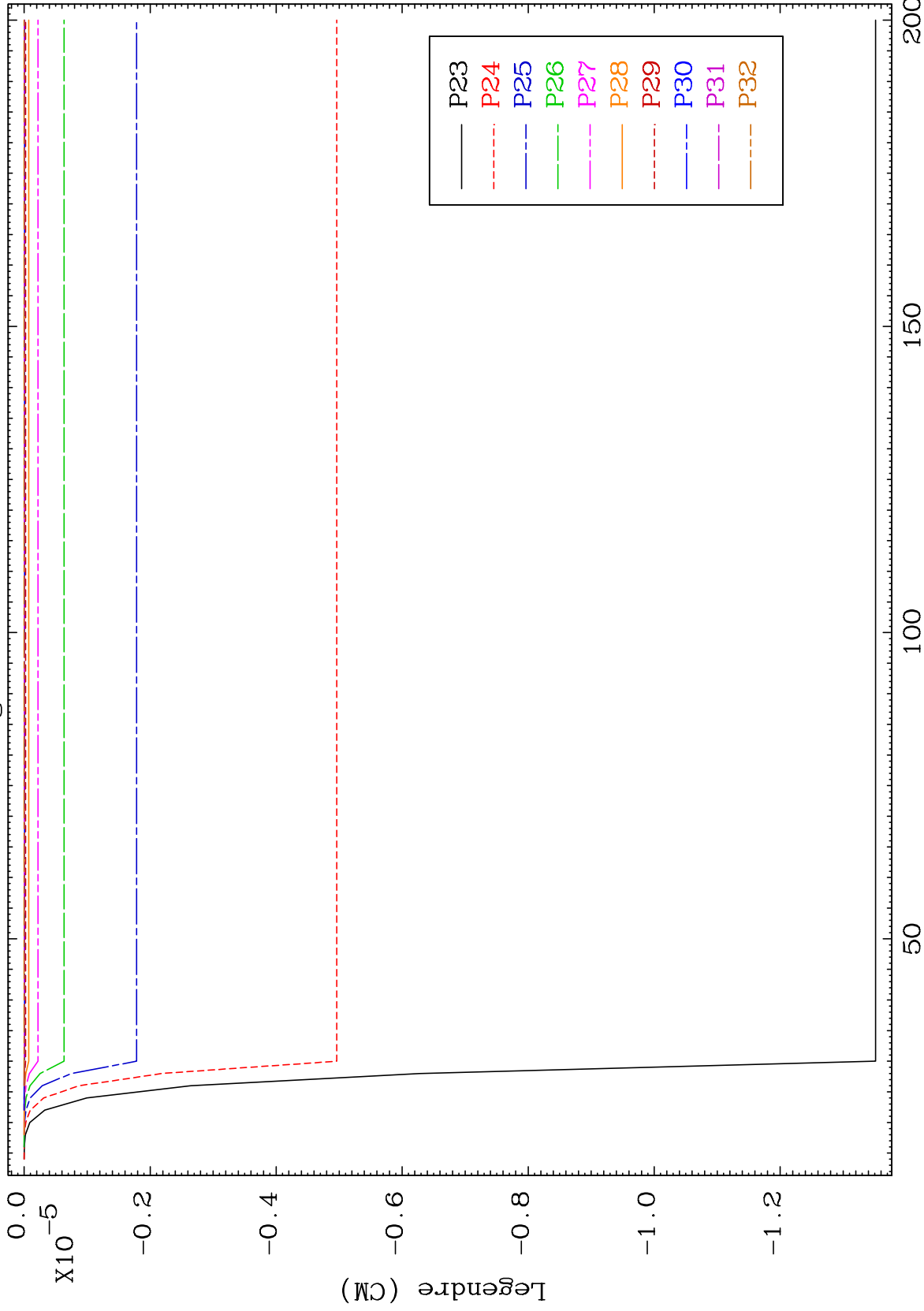
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



28-Ni-69

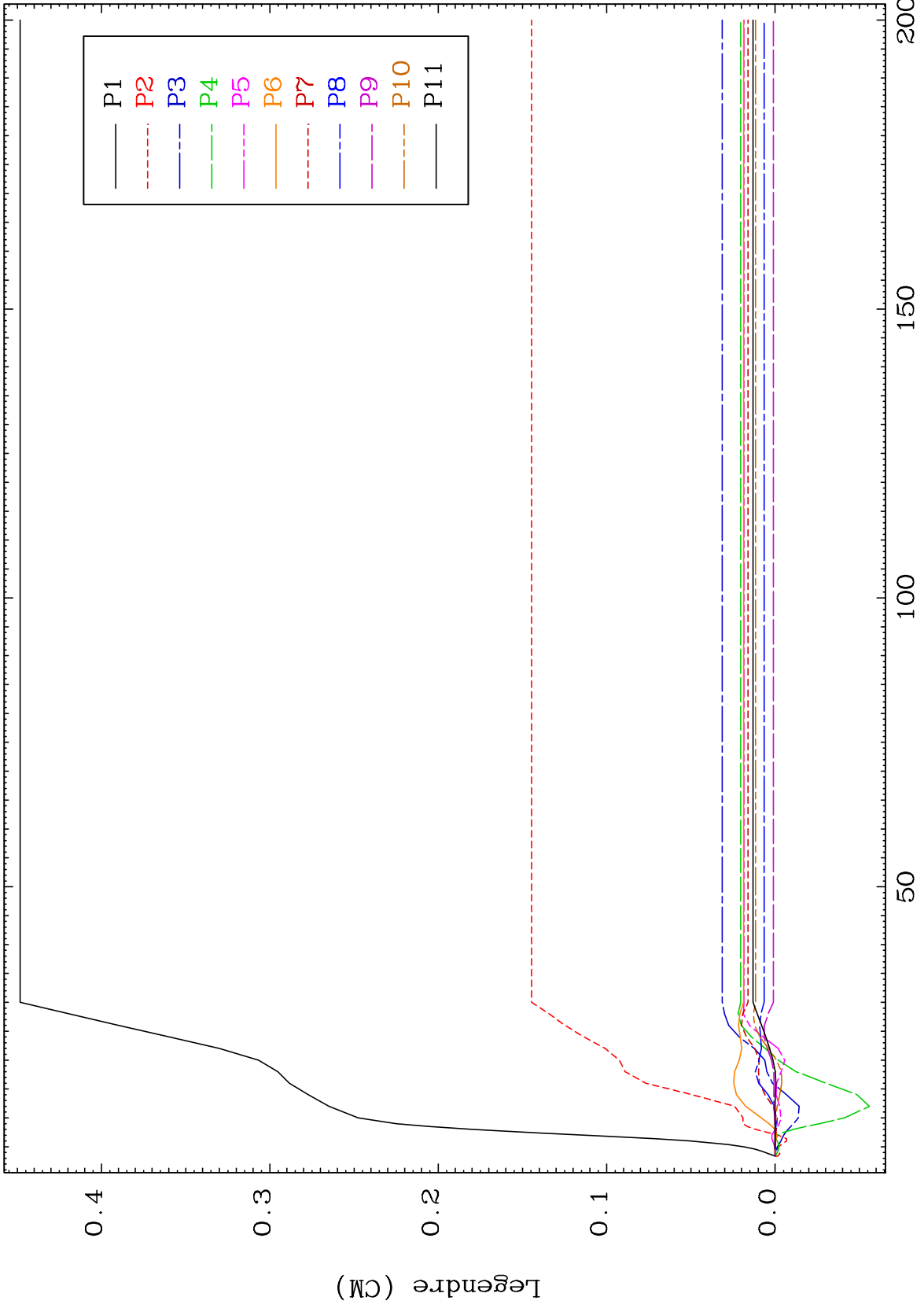
Incident Energy (MeV)

100

MAT 2858

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

28-Ni-69



101

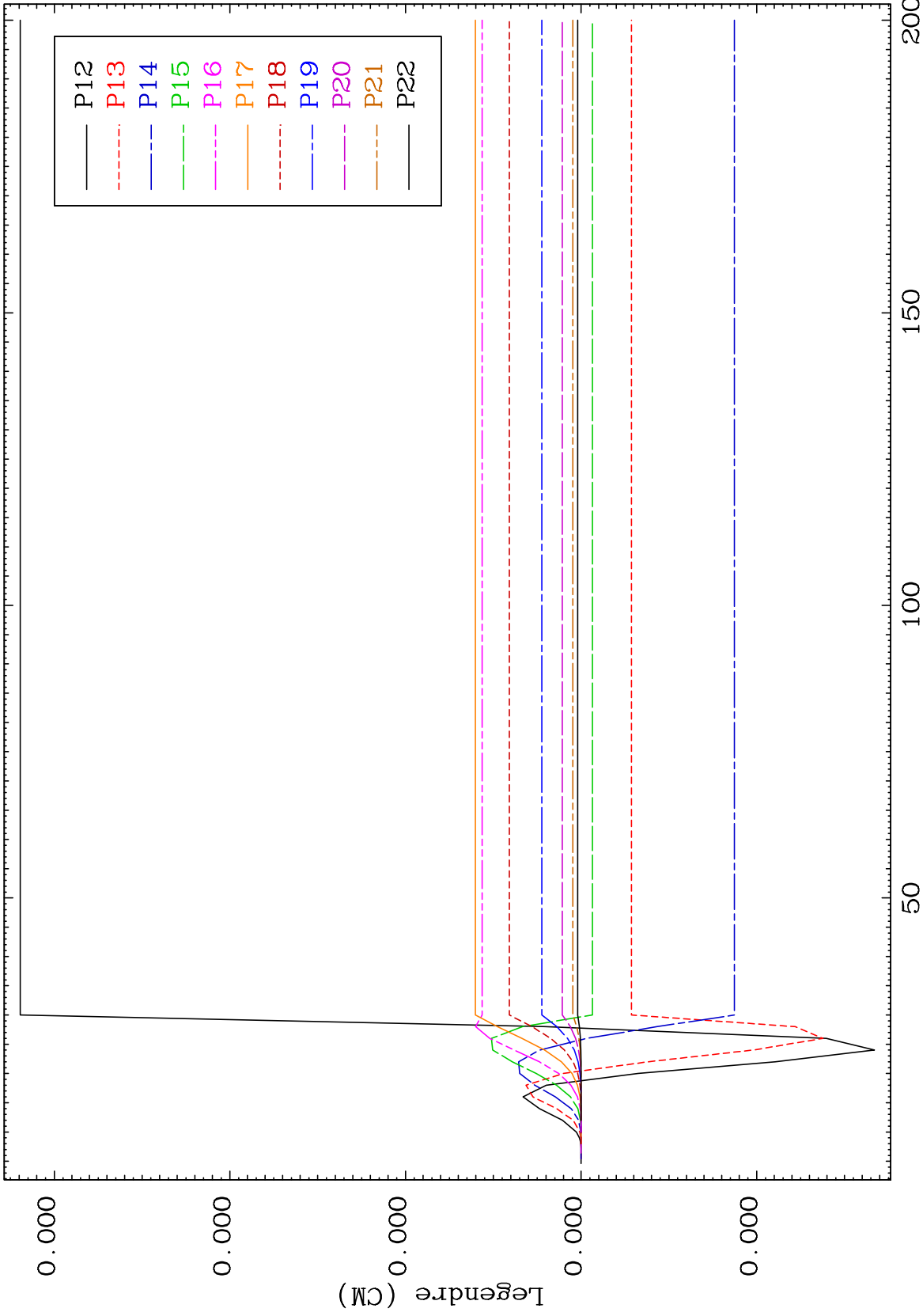
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



102

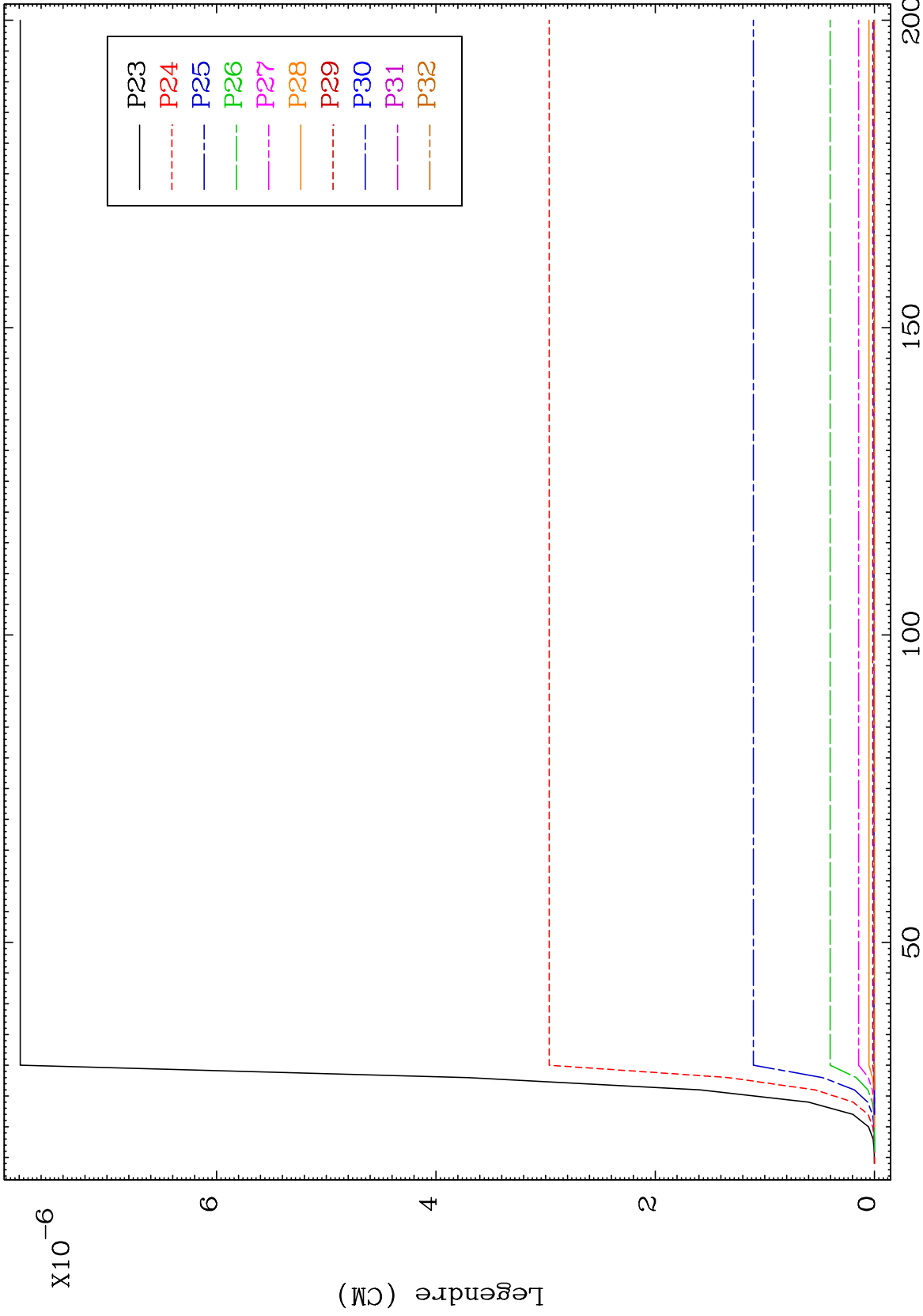
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



103

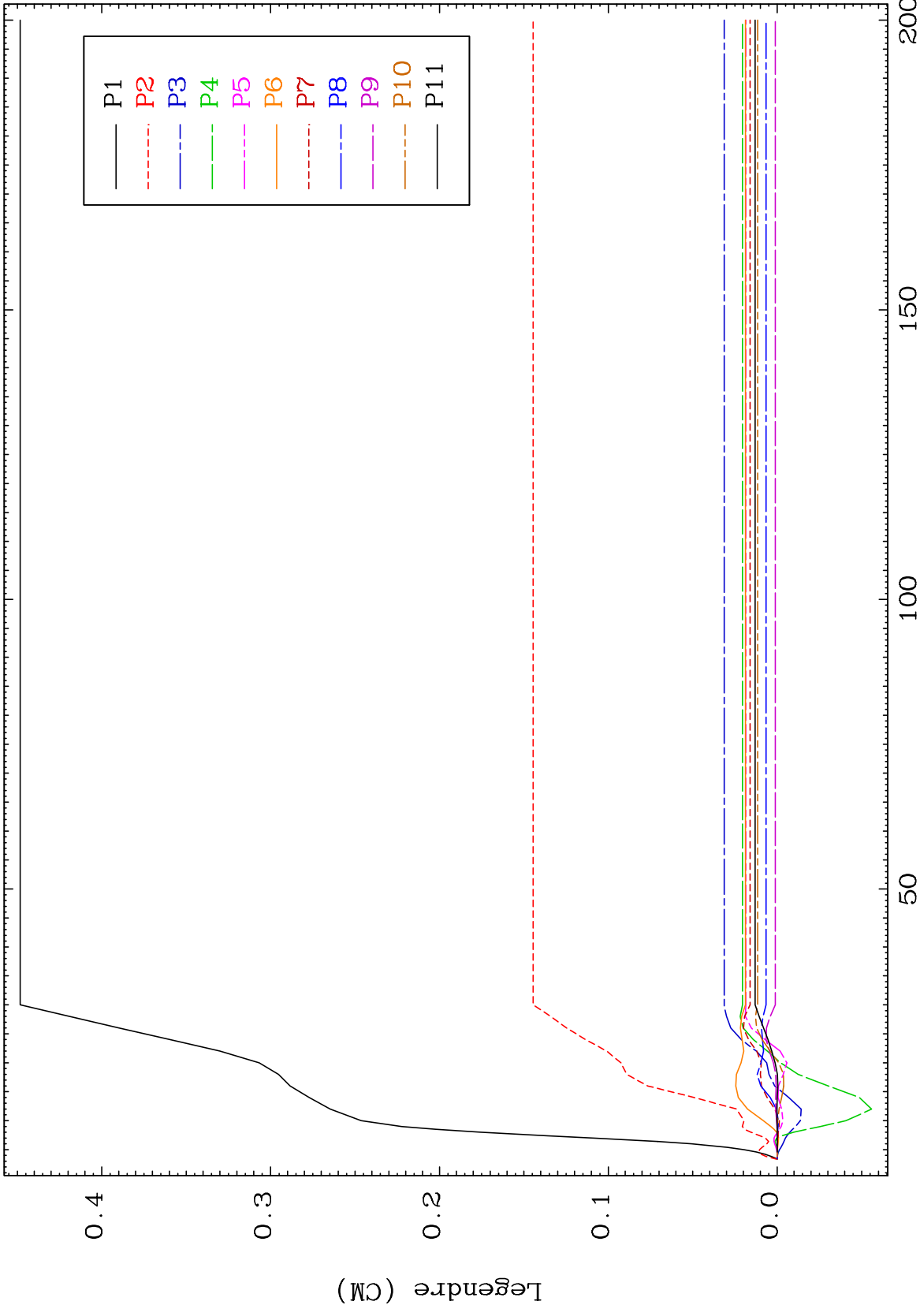
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



104

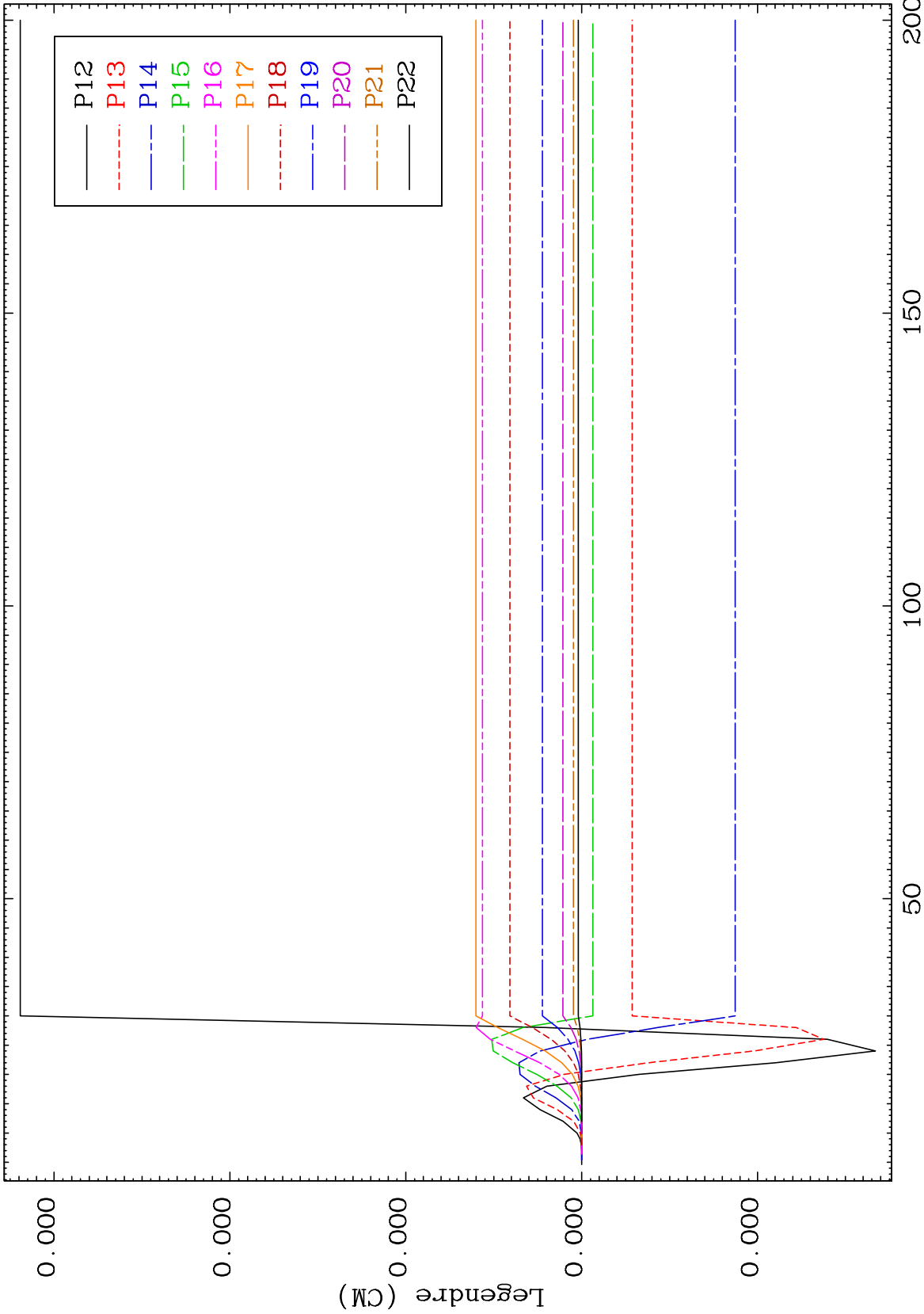
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



105

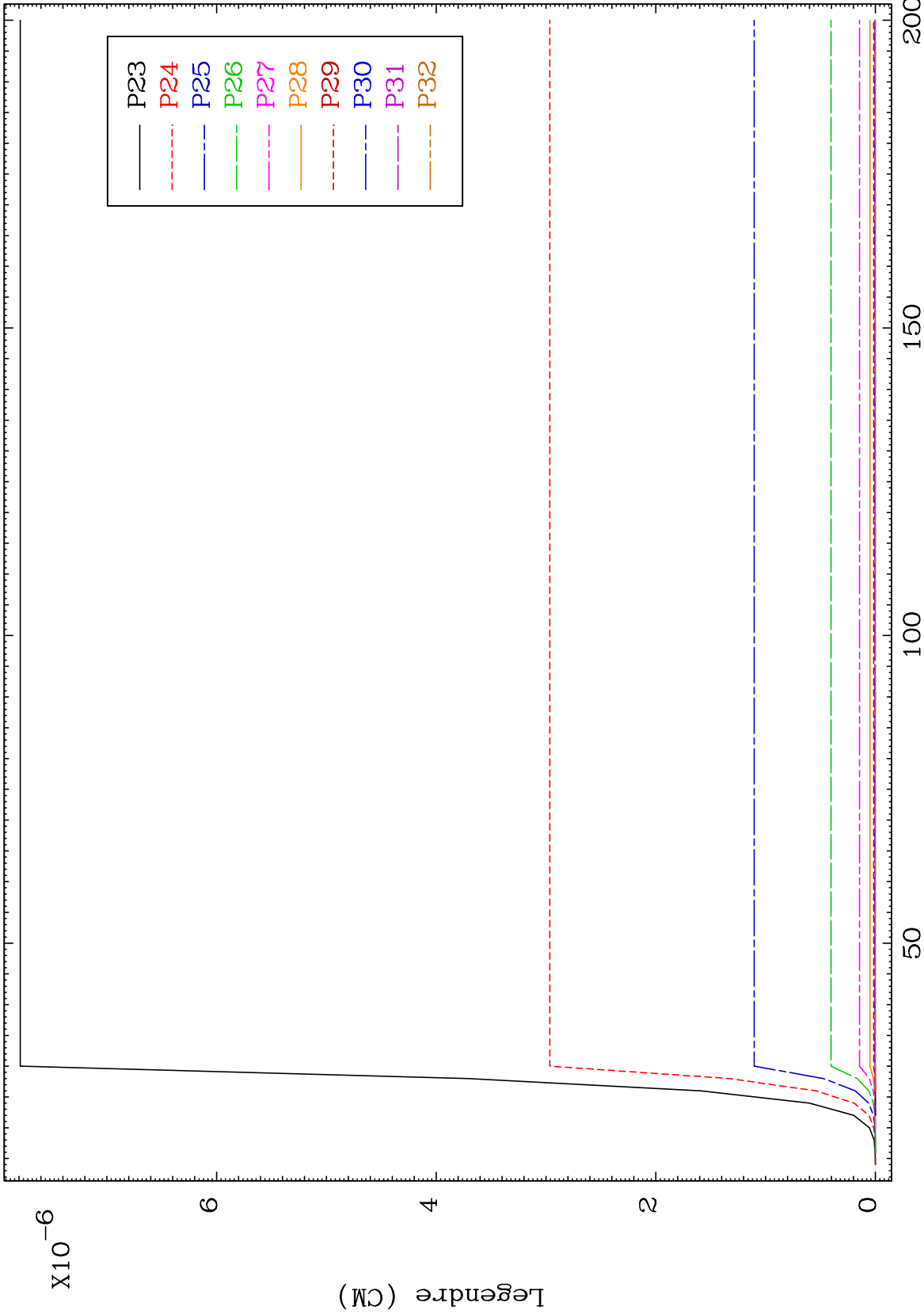
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



106

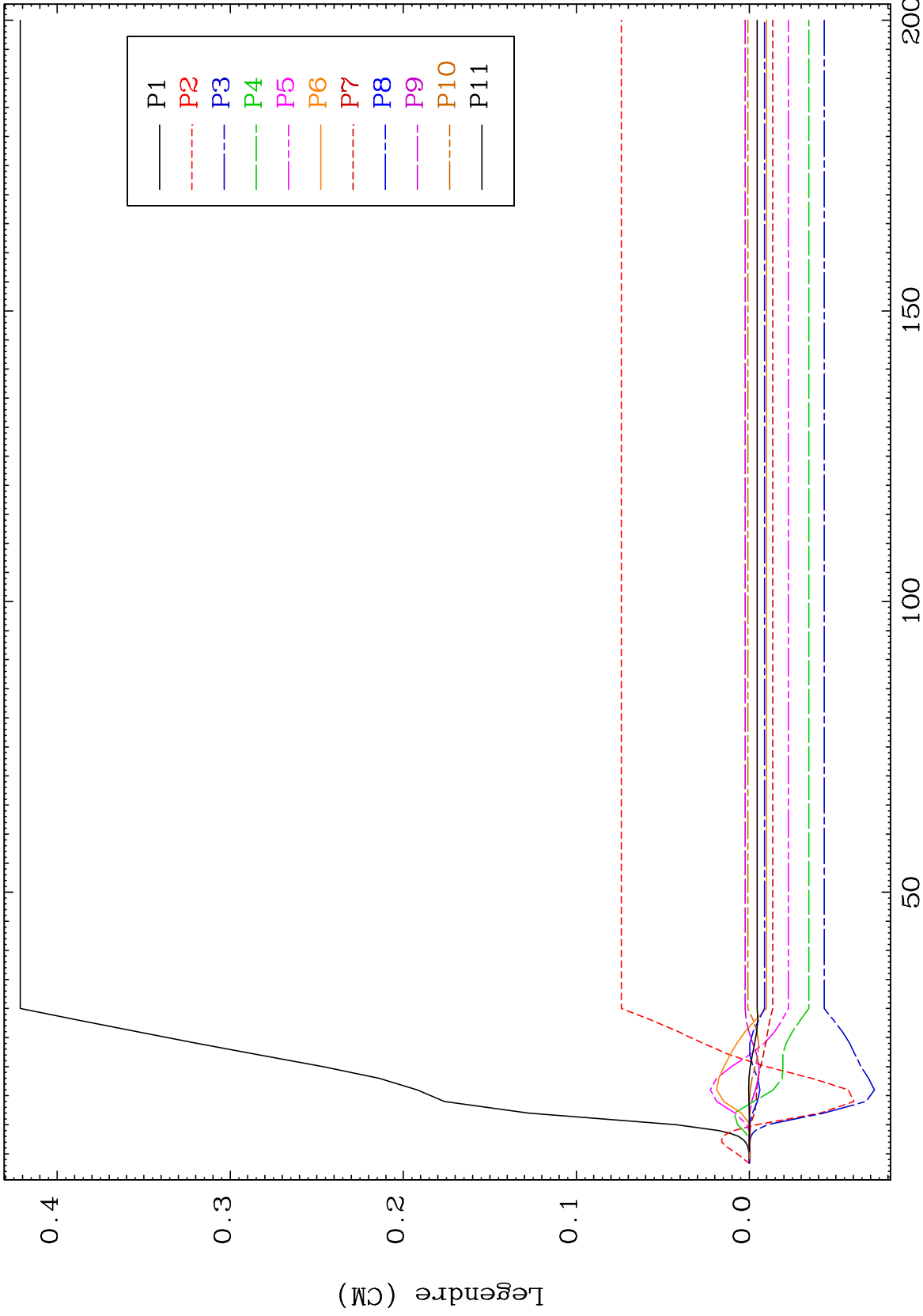
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



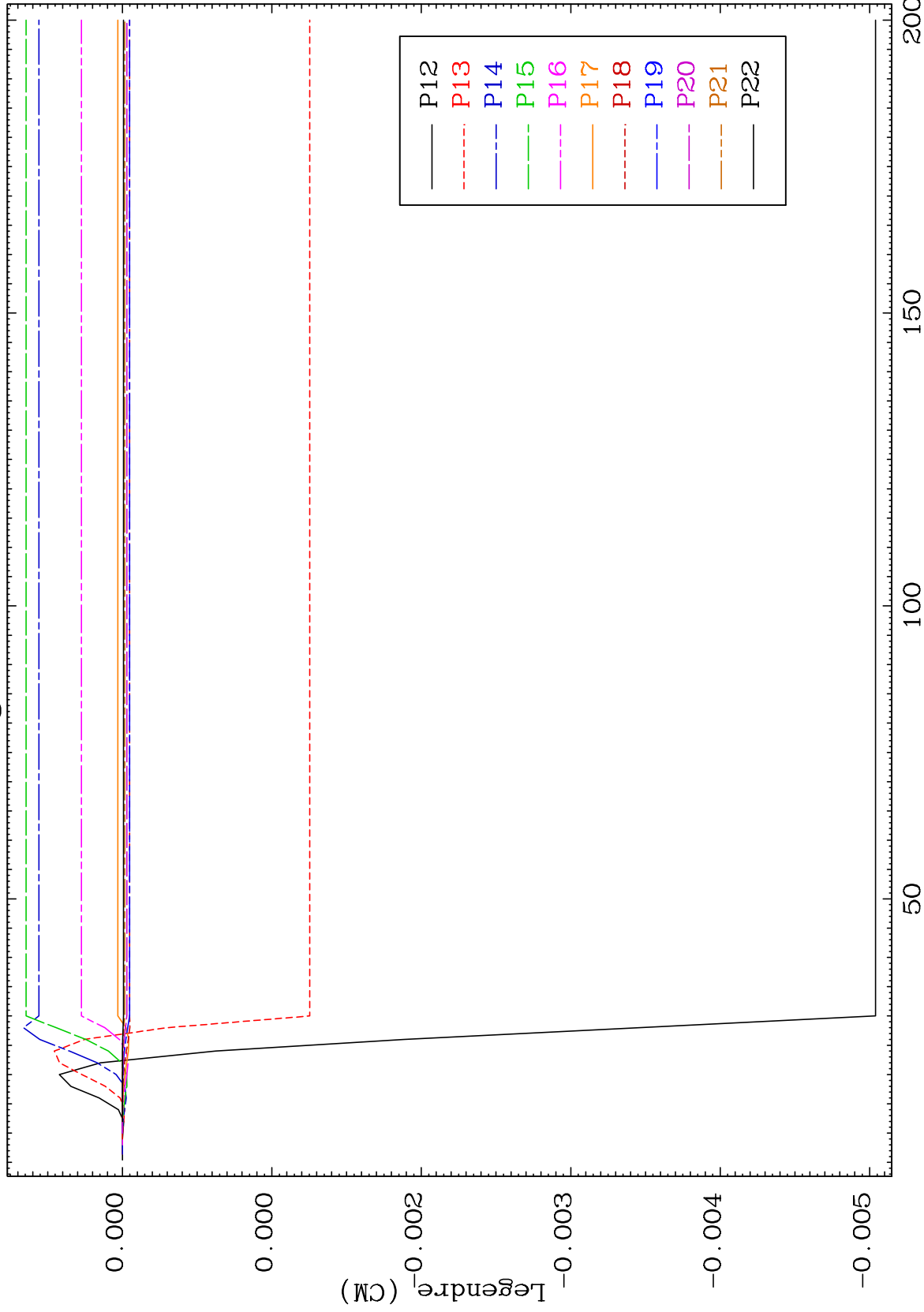
107

28-Ni-69

MAT 2858

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

28-Ni-69



108

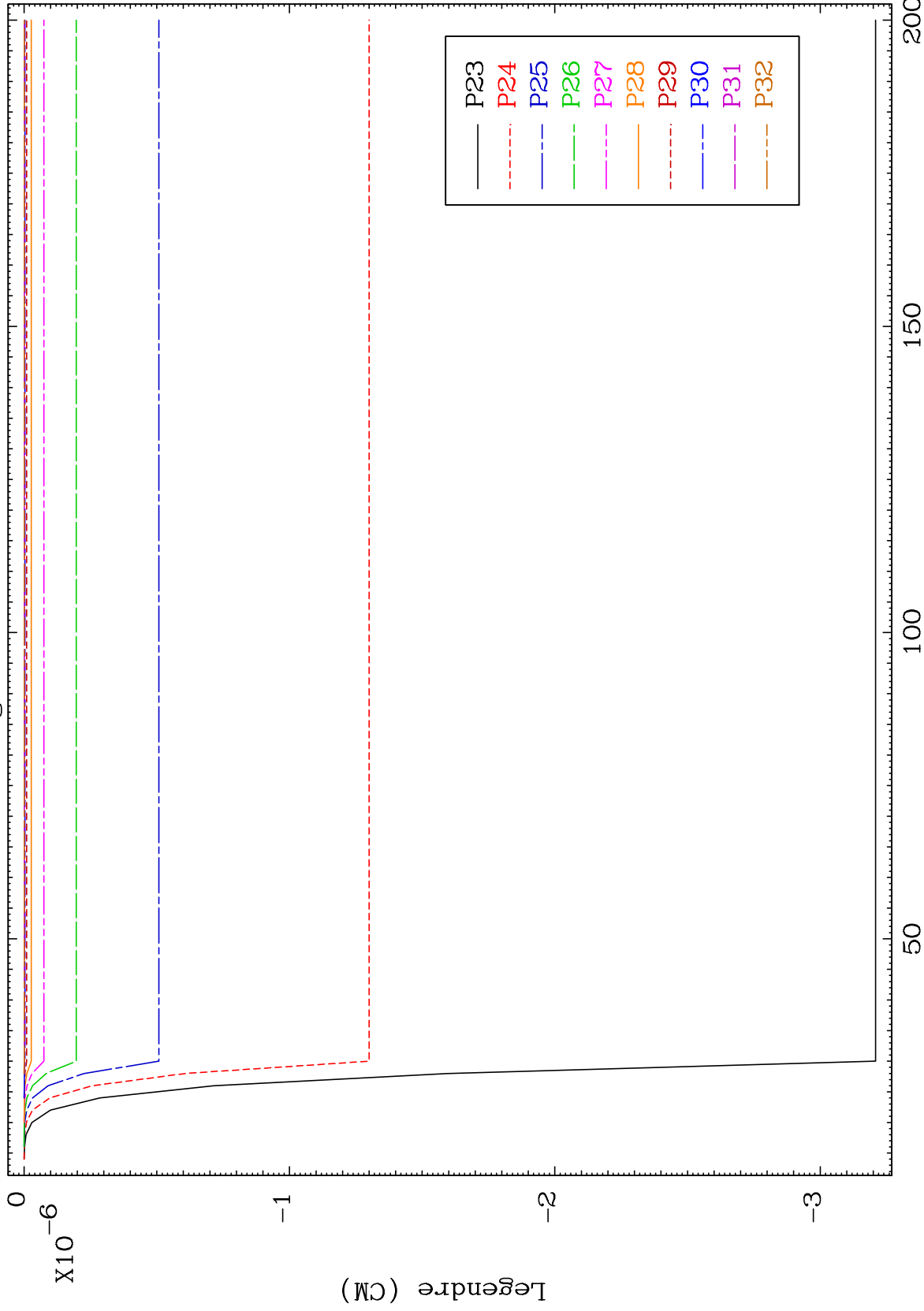
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



109

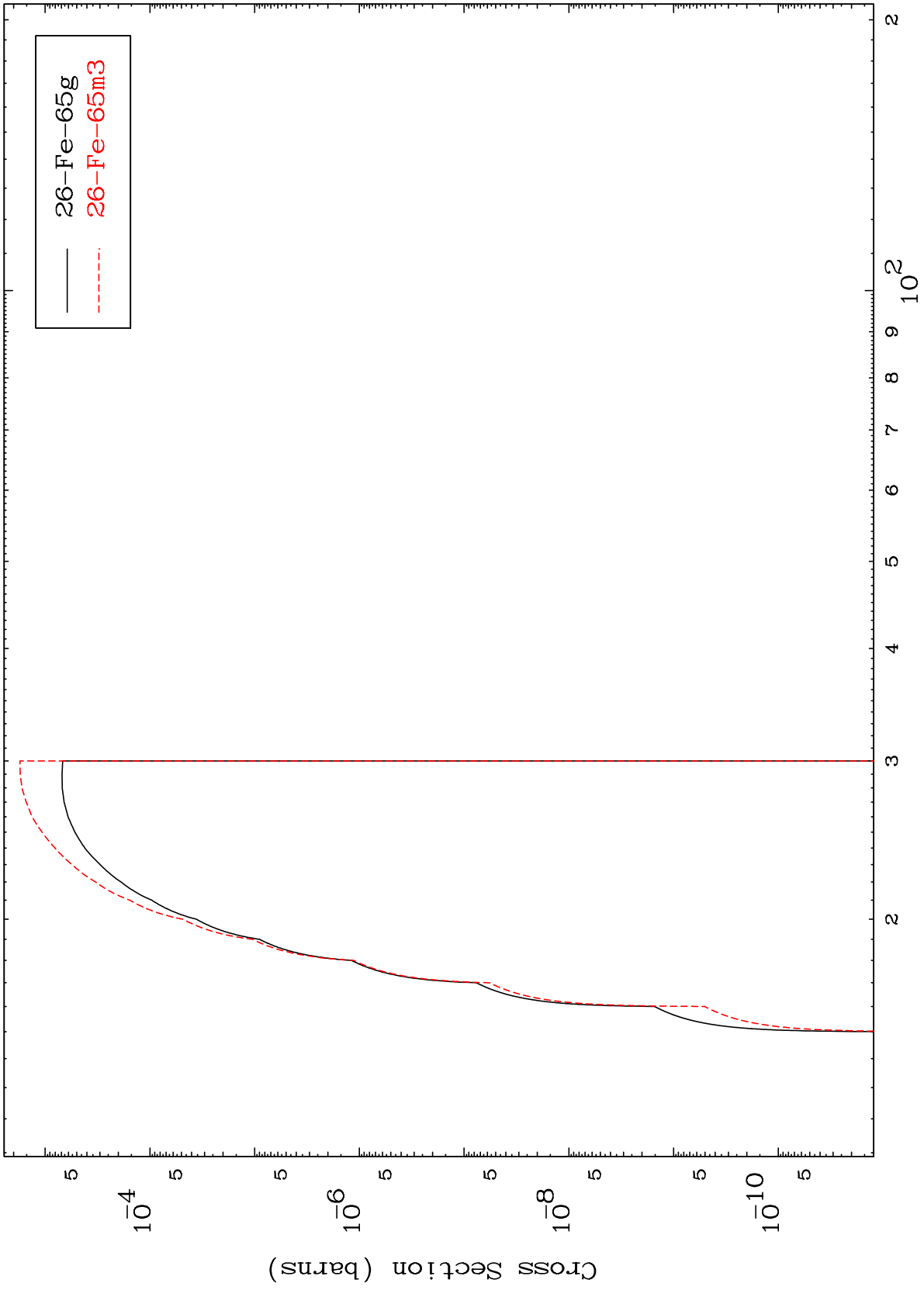
28-Ni-69

MAT 2858

(n,n') α

28-Ni-69

Radionuclide Production Cross Section



110

Incident Energy (MeV)

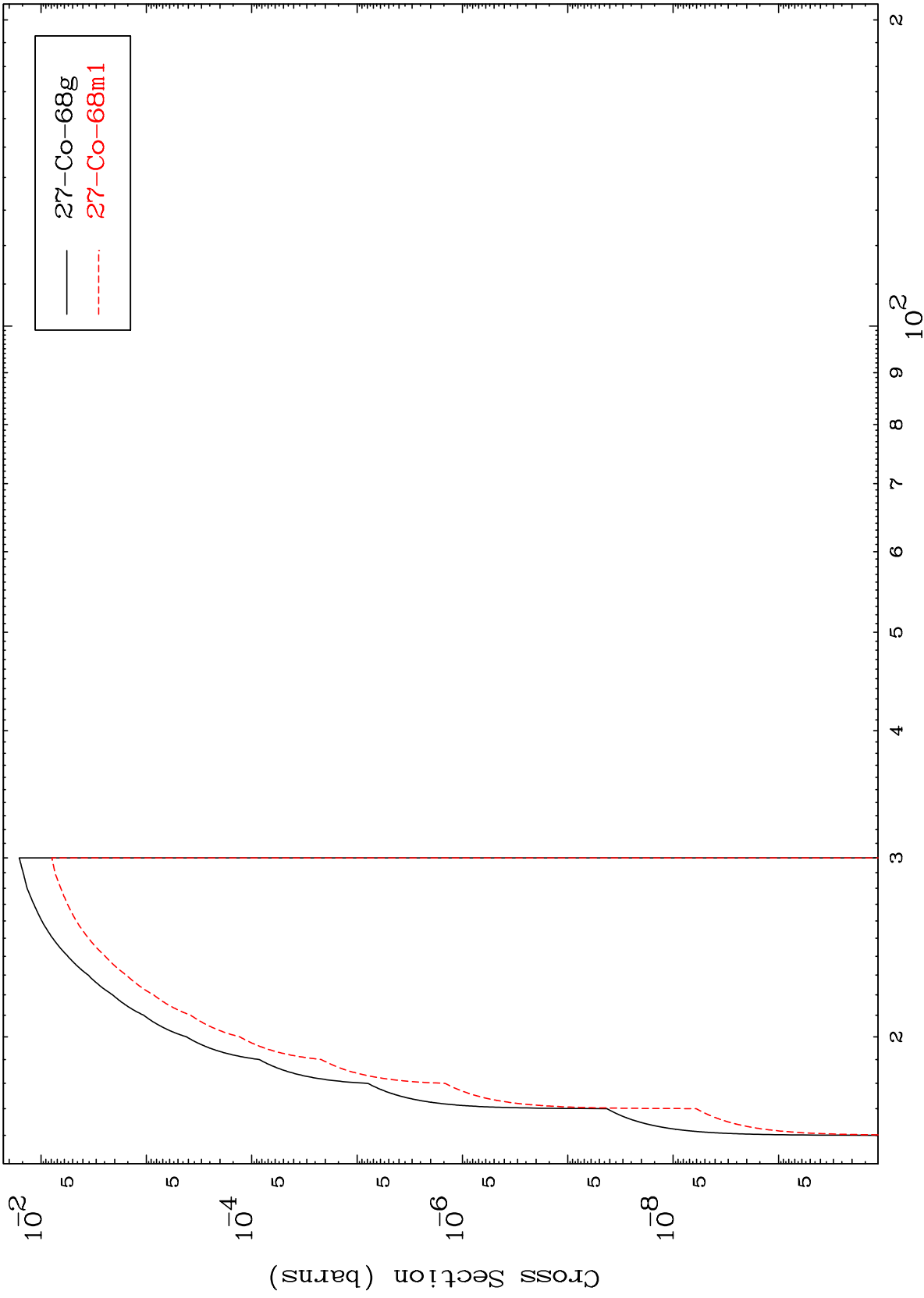
28-Ni-69

MAT 2858

(n,n') p

²⁸Ni-69

Radionuclide Production Cross Section



111

Incident Energy (MeV)

²⁸Ni-69

Radionuclide Production Cross Section

