

Program EVALPLOT
(Version 2021-1)

by

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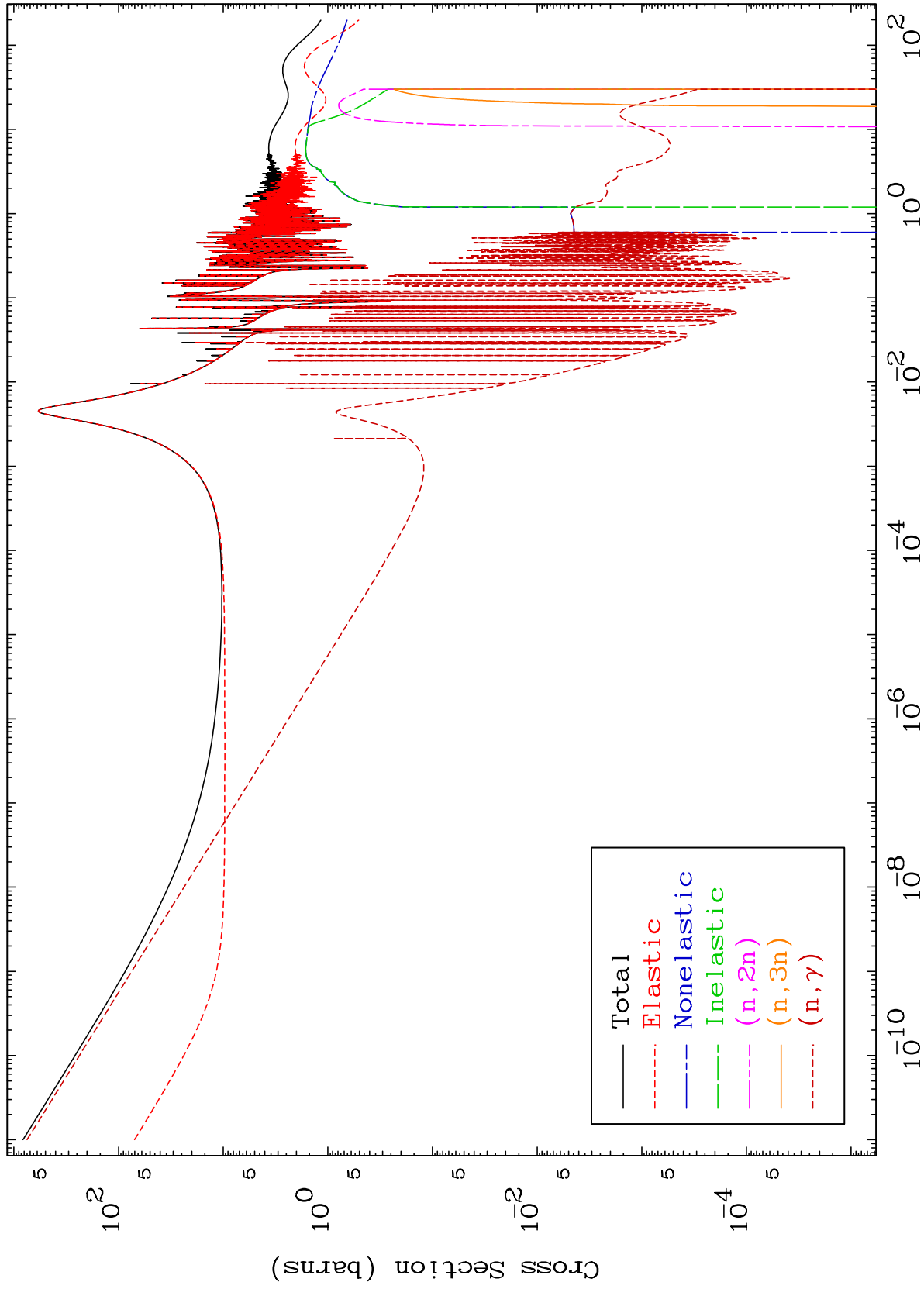
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2837

Neutron Major
293 Kelvin Cross Sections

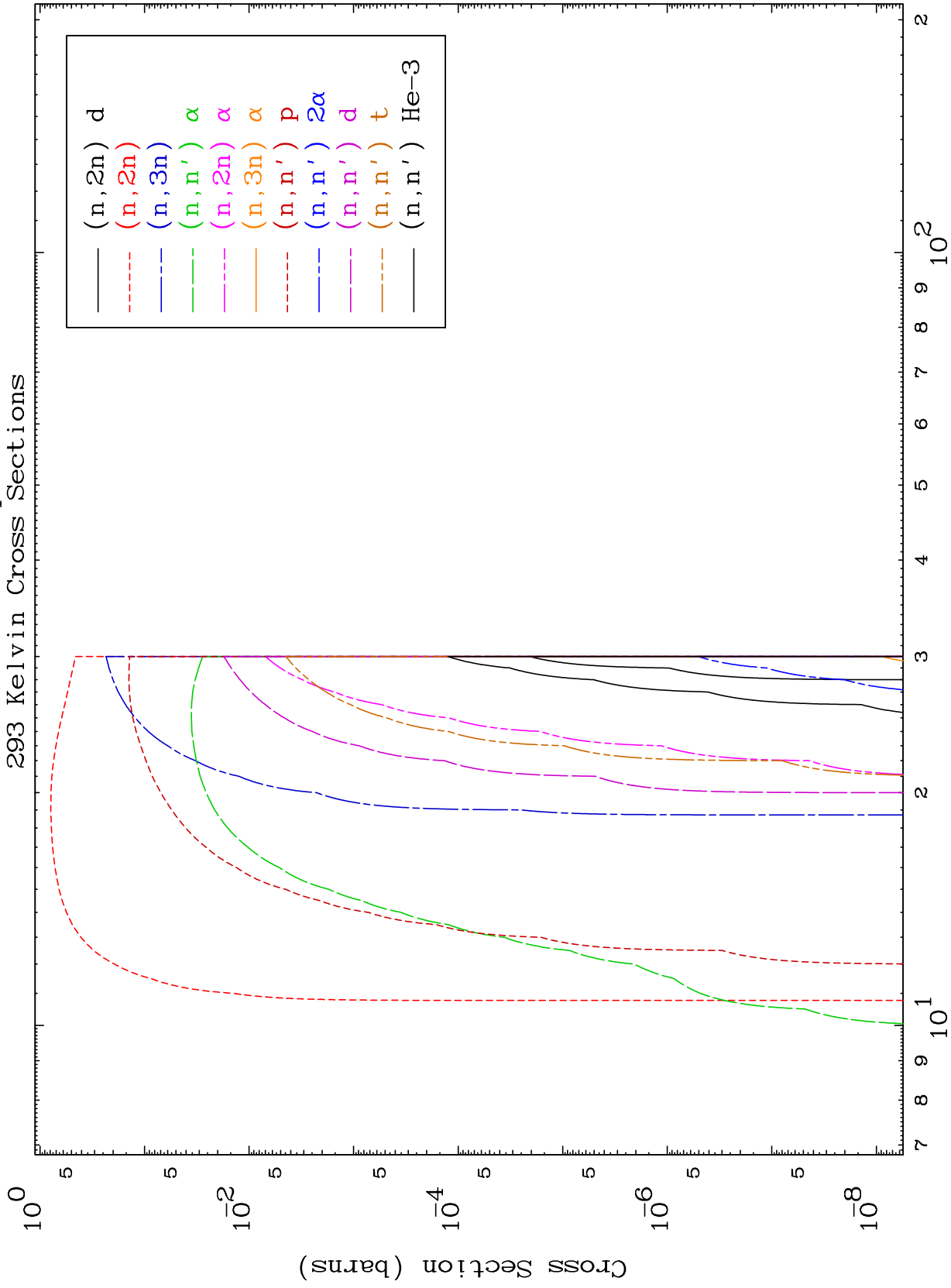
28-Ni-62



MAT 2837

Neutron Absorption
293 Kelvin Cross Sections

28-Ni-62



2

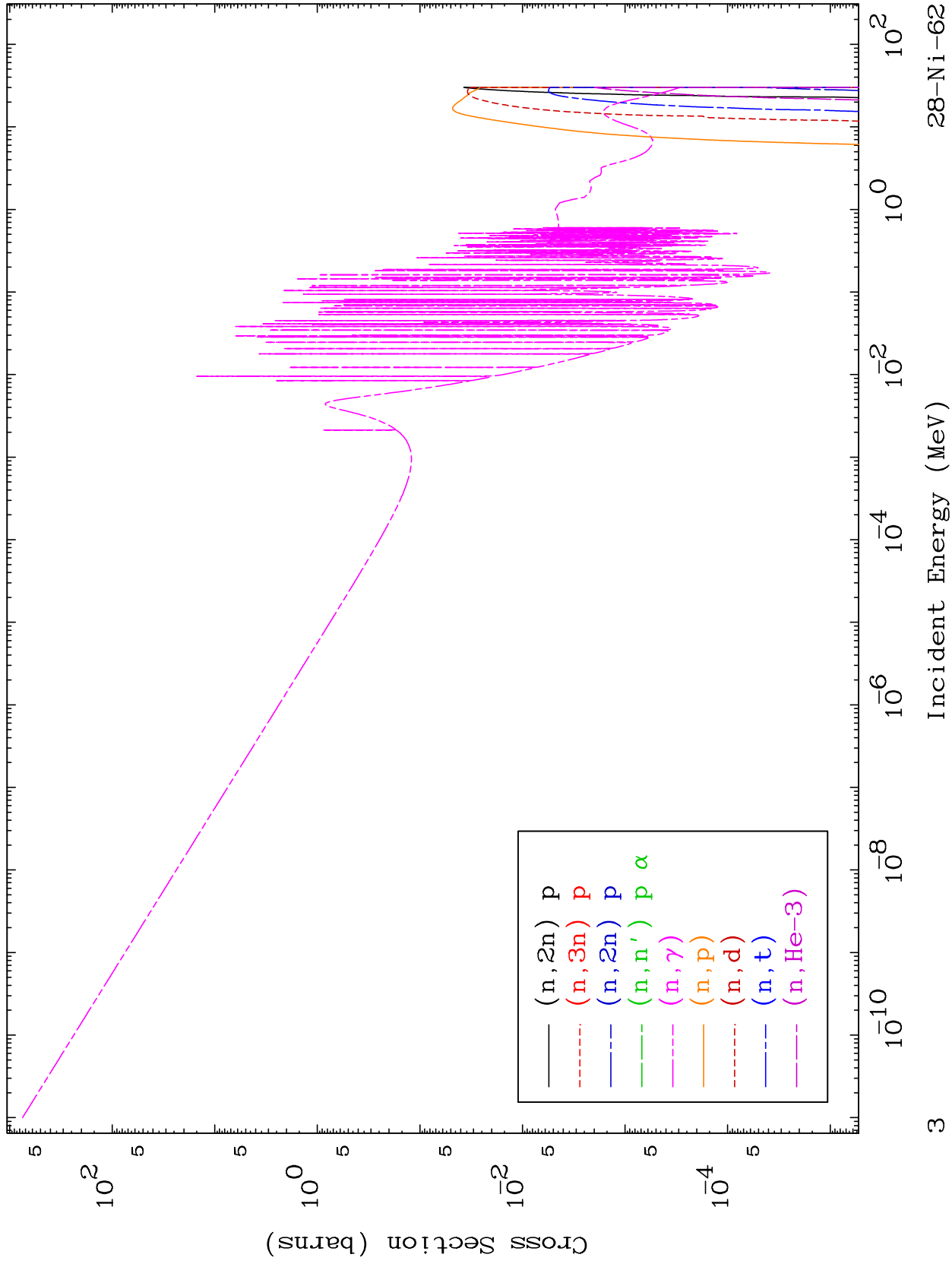
Incident Energy (MeV)

28-Ni-62

MAT 2837

Neutron Absorption
293 Kelvin Cross Sections

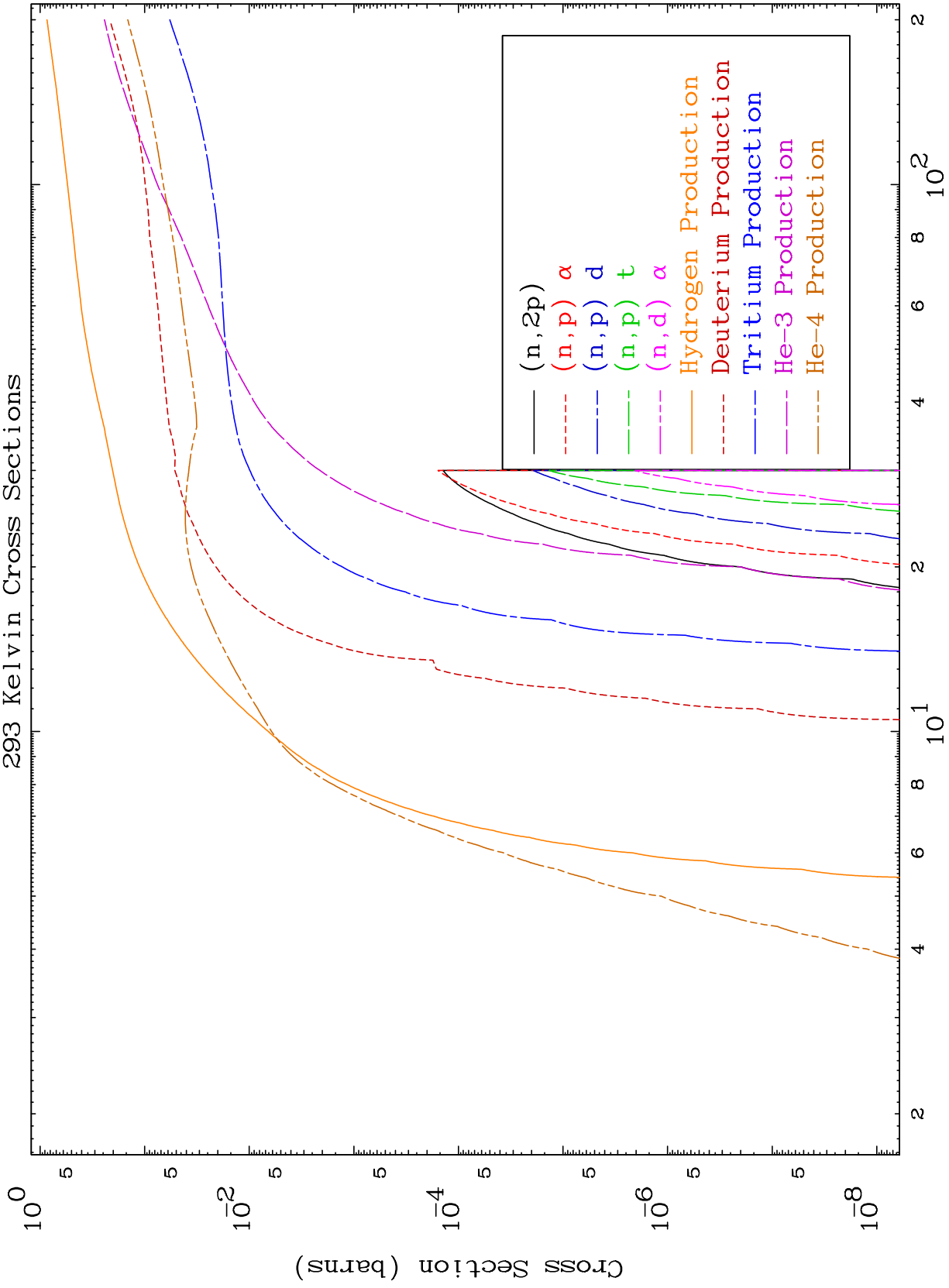
28-Ni-62



MAT 2837

Neutron Absorption
293 Kelvin Cross Sections

28-Ni-62



4

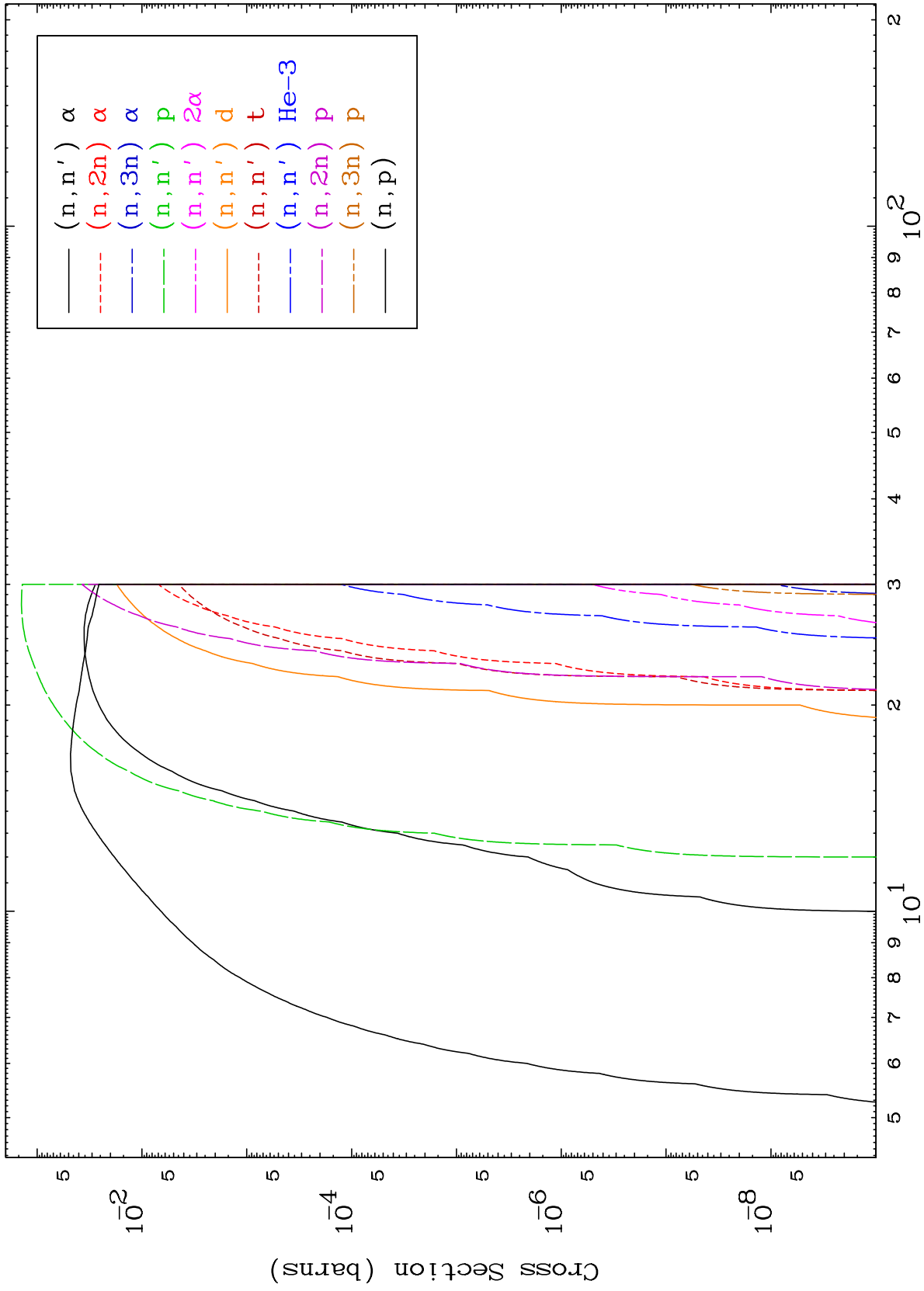
Incident Energy (MeV)

28-Ni-62

MAT 2837

Charged Particle
293 Kelvin Cross Sections

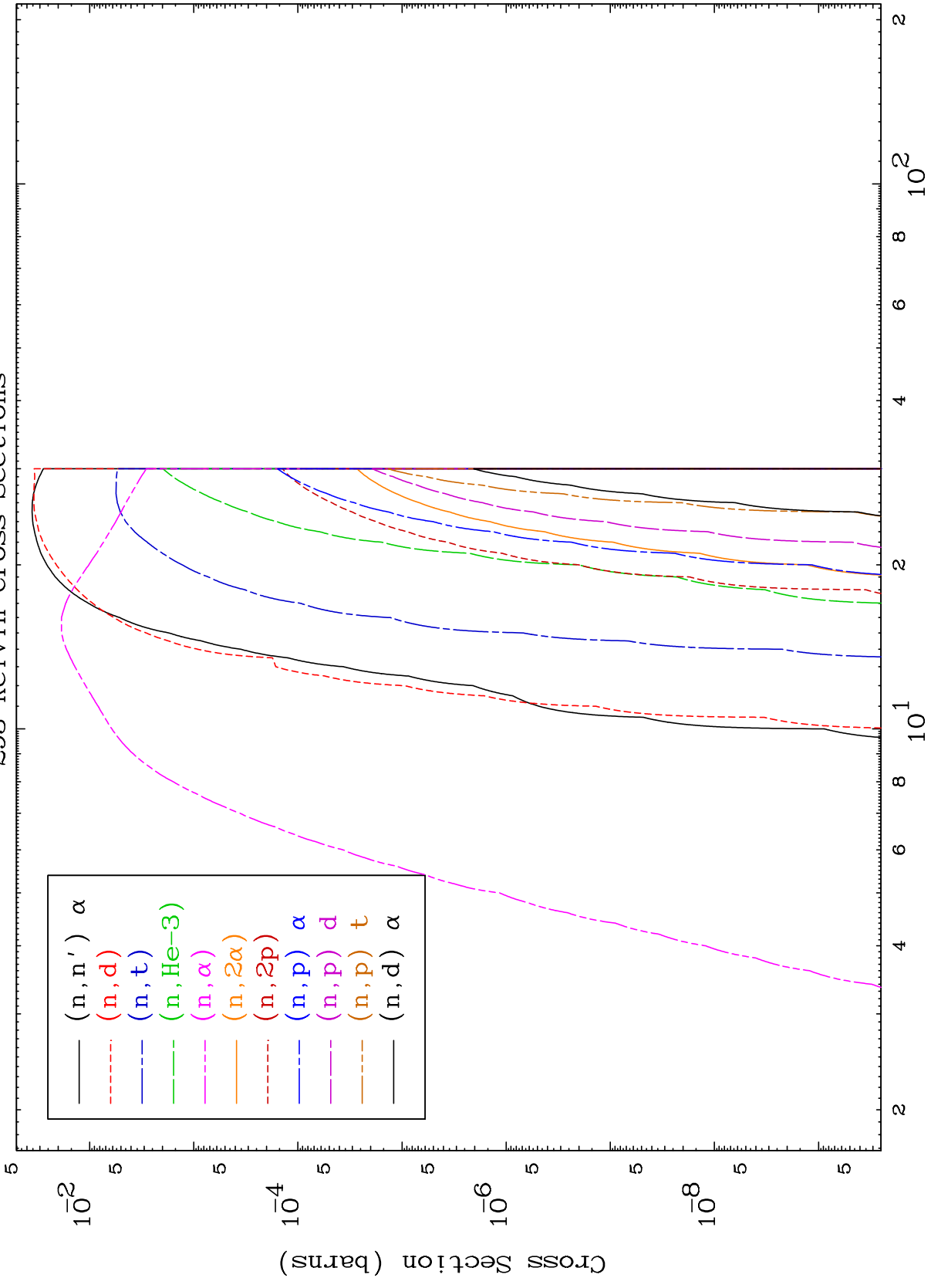
28-Ni-62



5

Incident Energy (MeV)

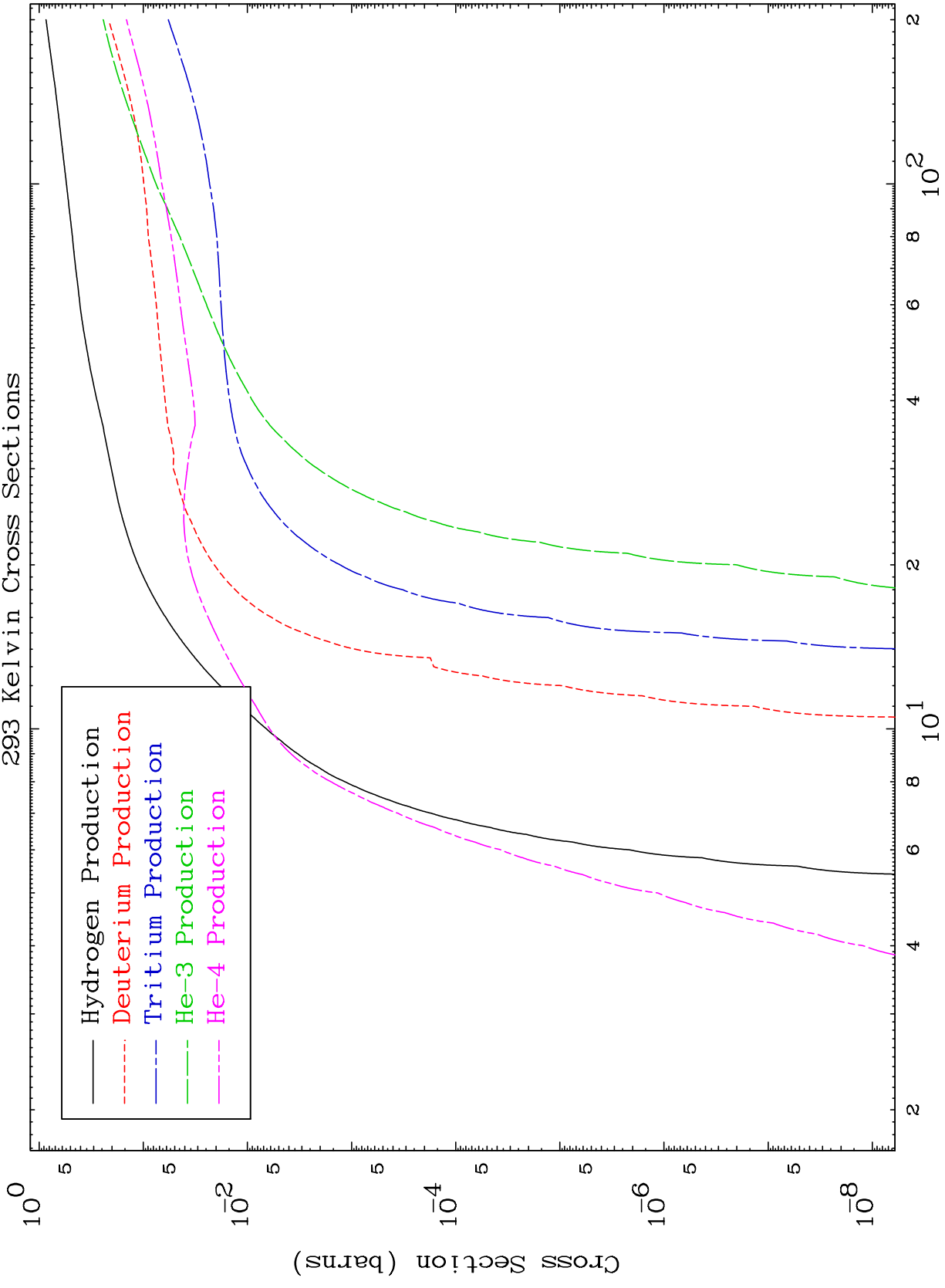
28-Ni-62



MAT 2837

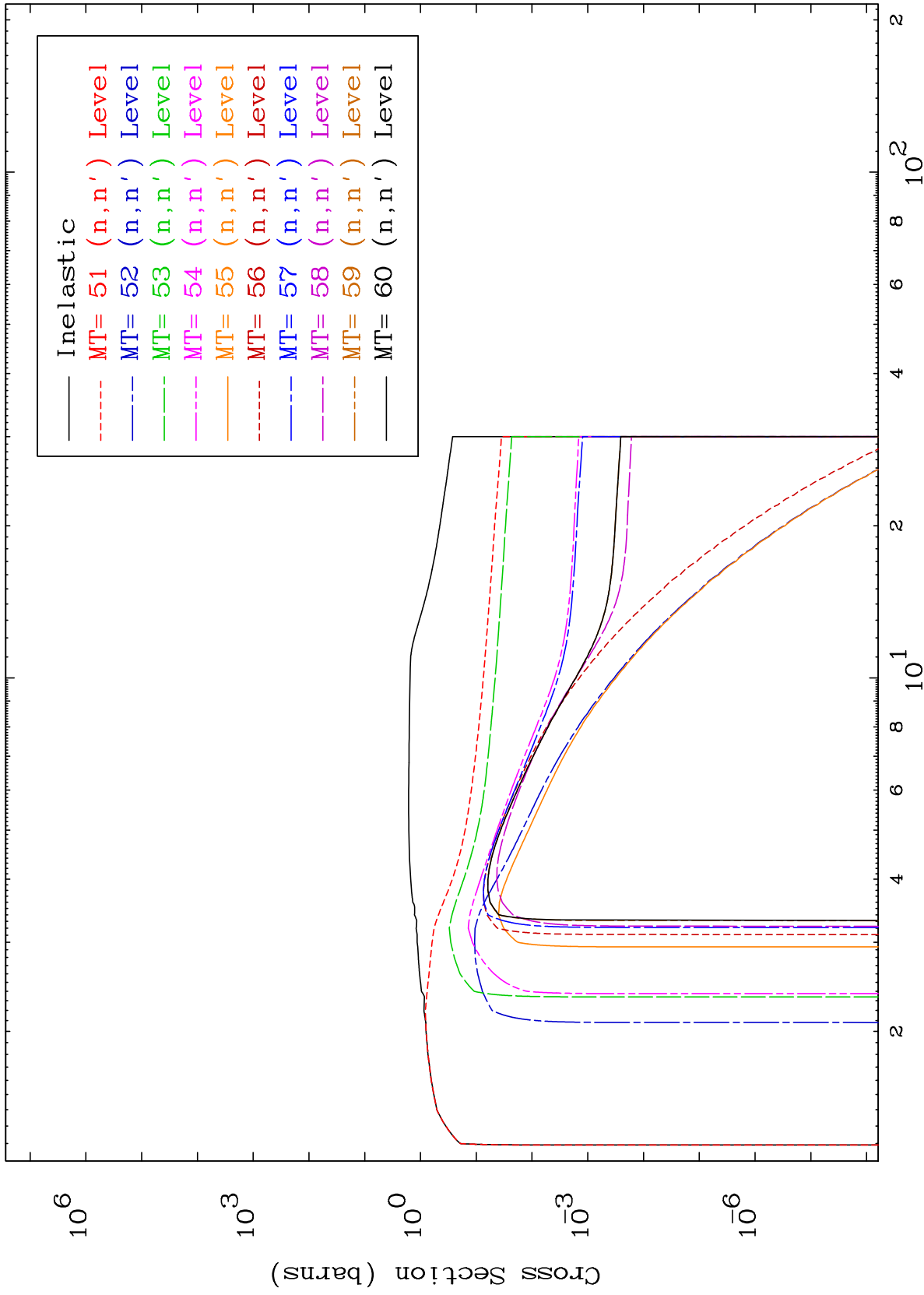
Particle Production
293 Kelvin Cross Sections

28-Ni-62



7

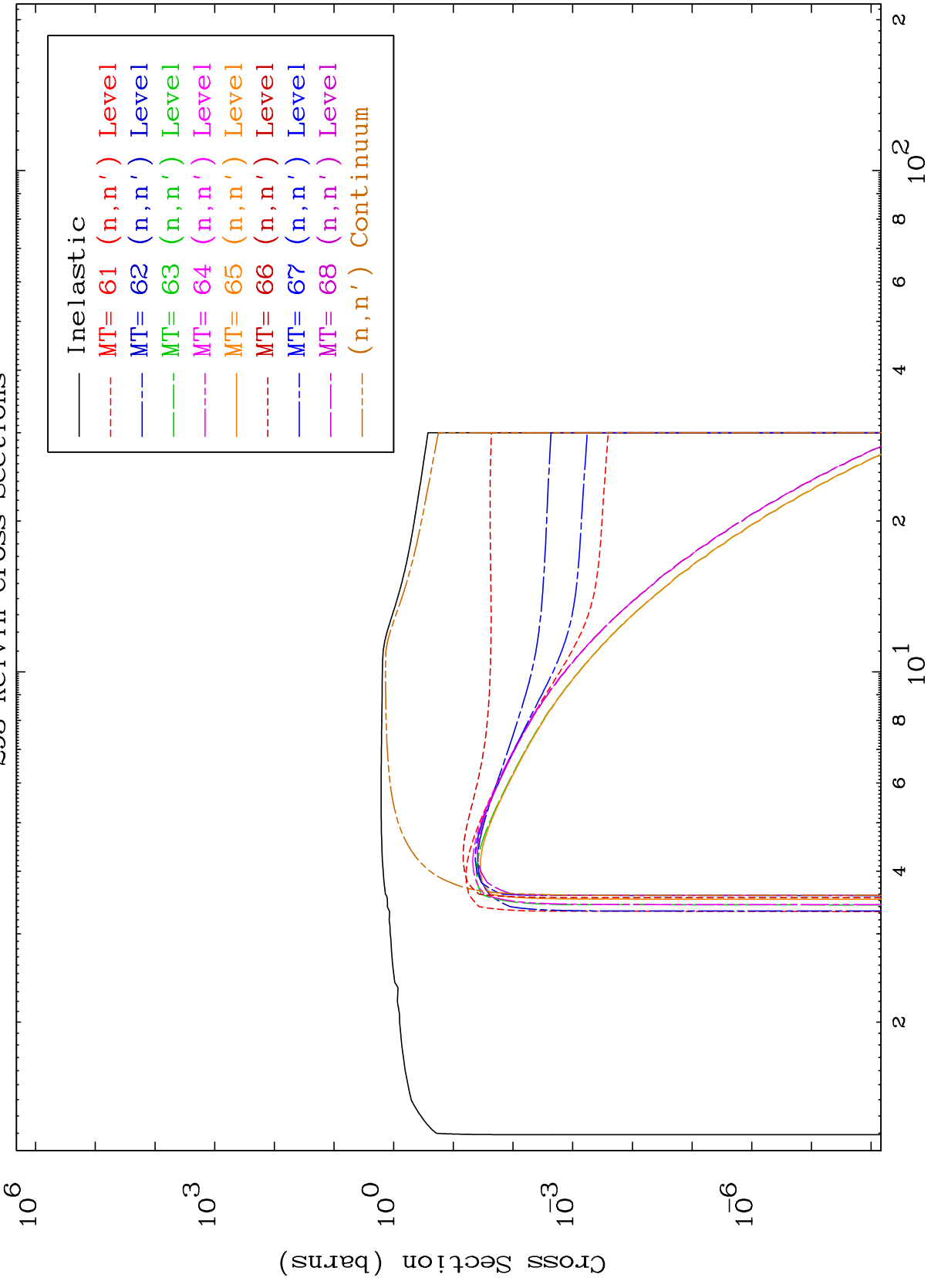
28-Ni-62



MAT 2837

(n,n') Levels
293 Kelvin Cross Sections

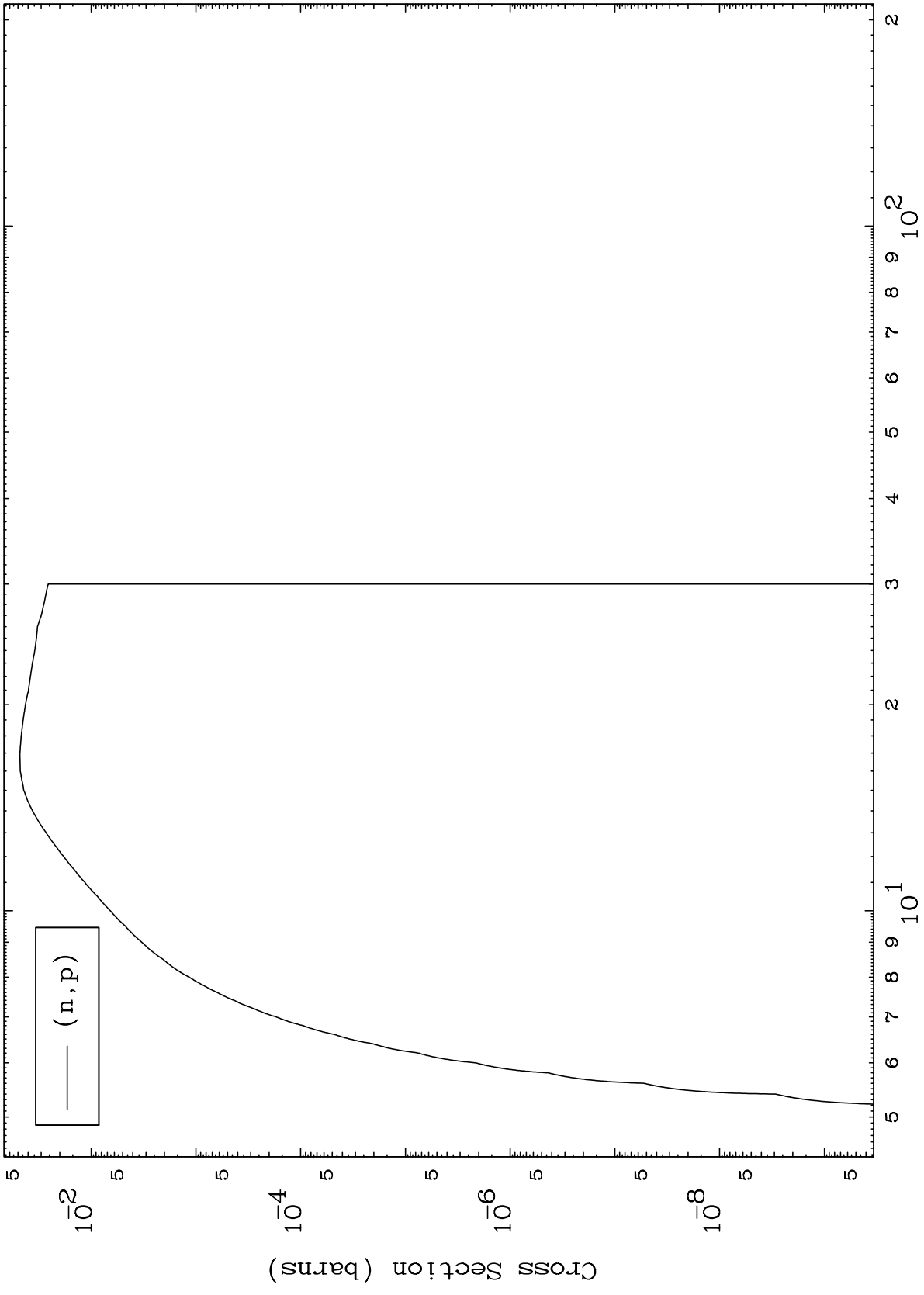
28-Ni-62



MAT 2837

(n,p) Levels
293 Kelvin Cross Sections

28-Ni-62



10

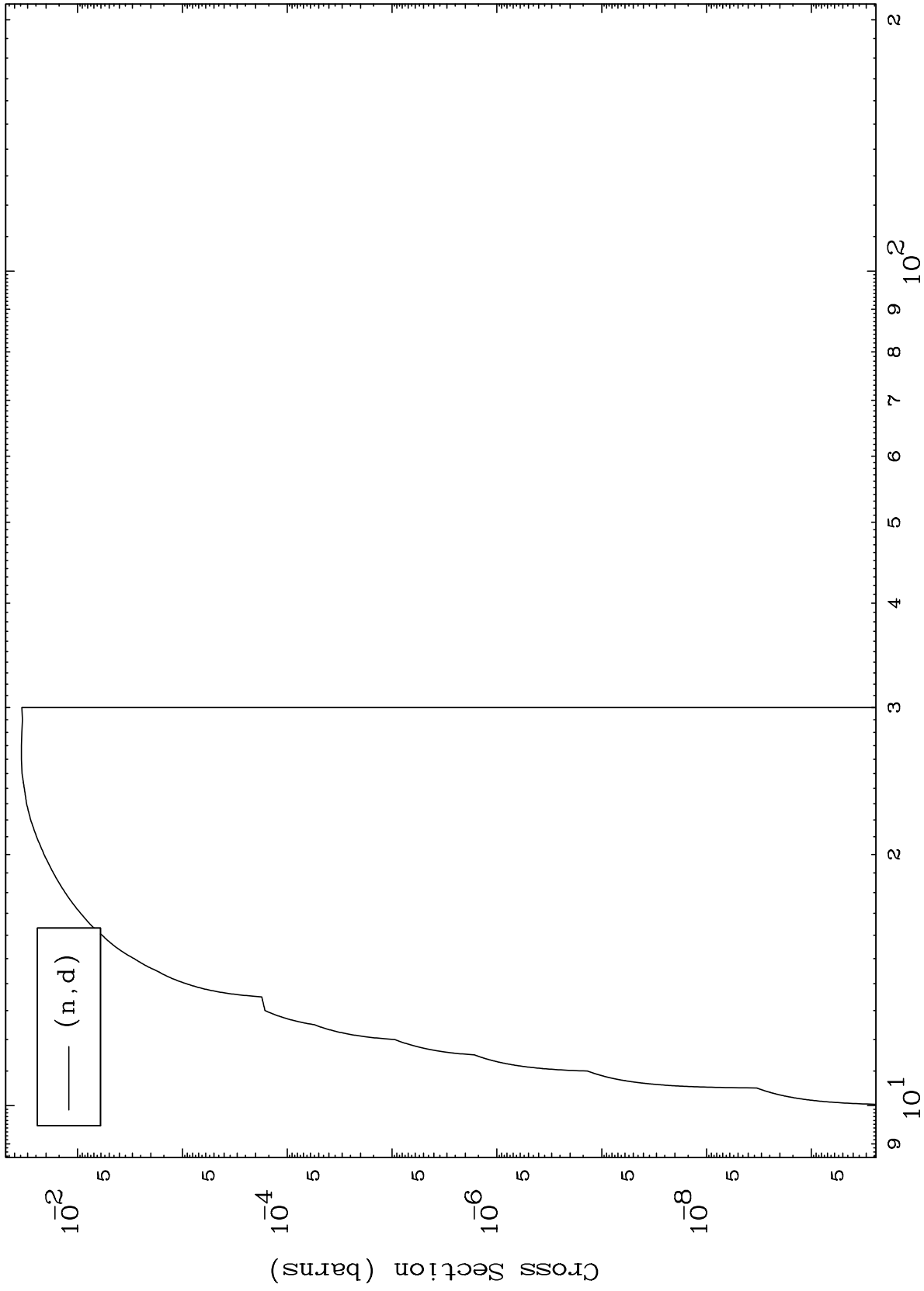
Incident Energy (MeV)

28-Ni-62

MAT 2837

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-62



11

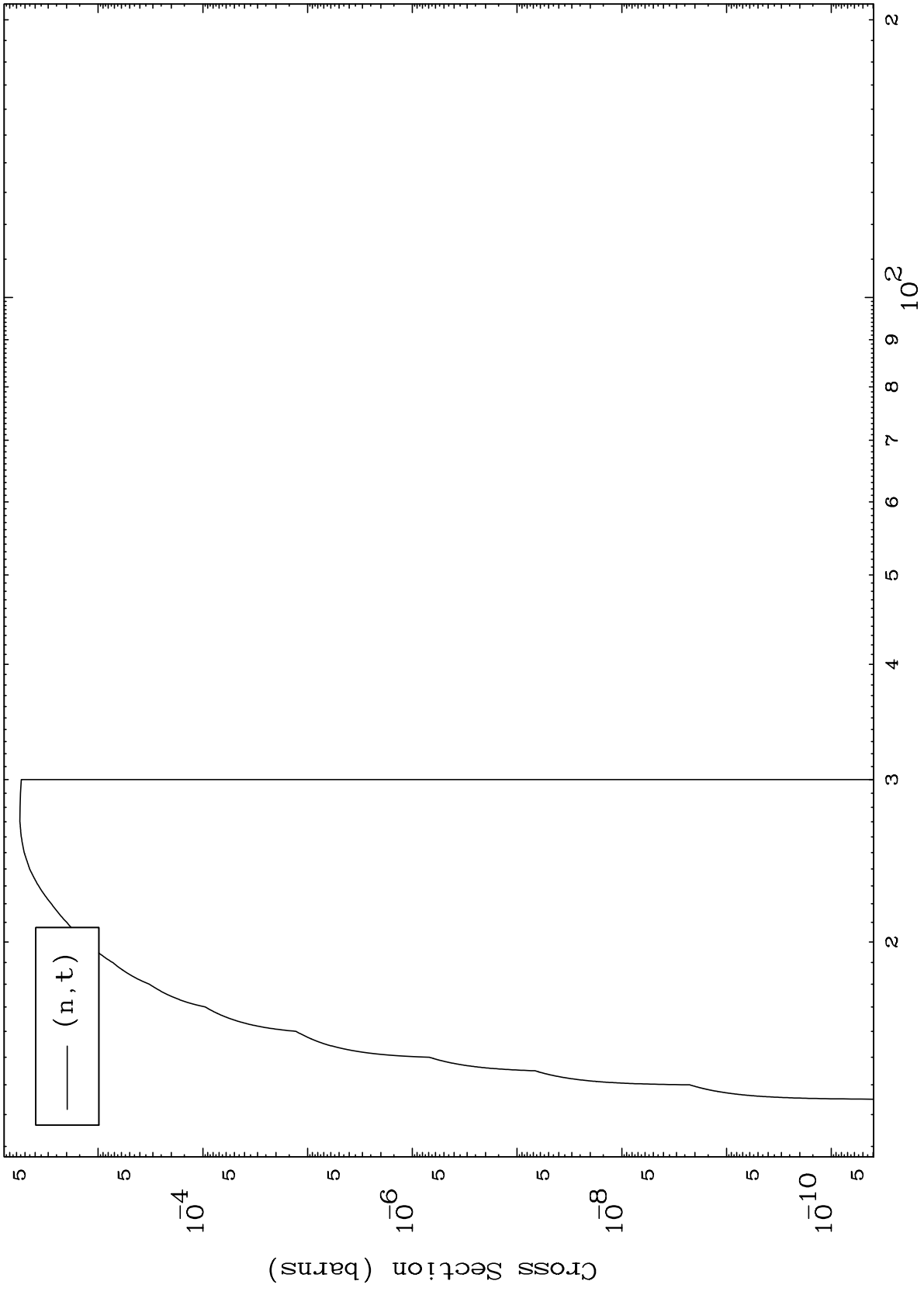
Incident Energy (MeV)

28-Ni-62

MAT 2837

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-62



12

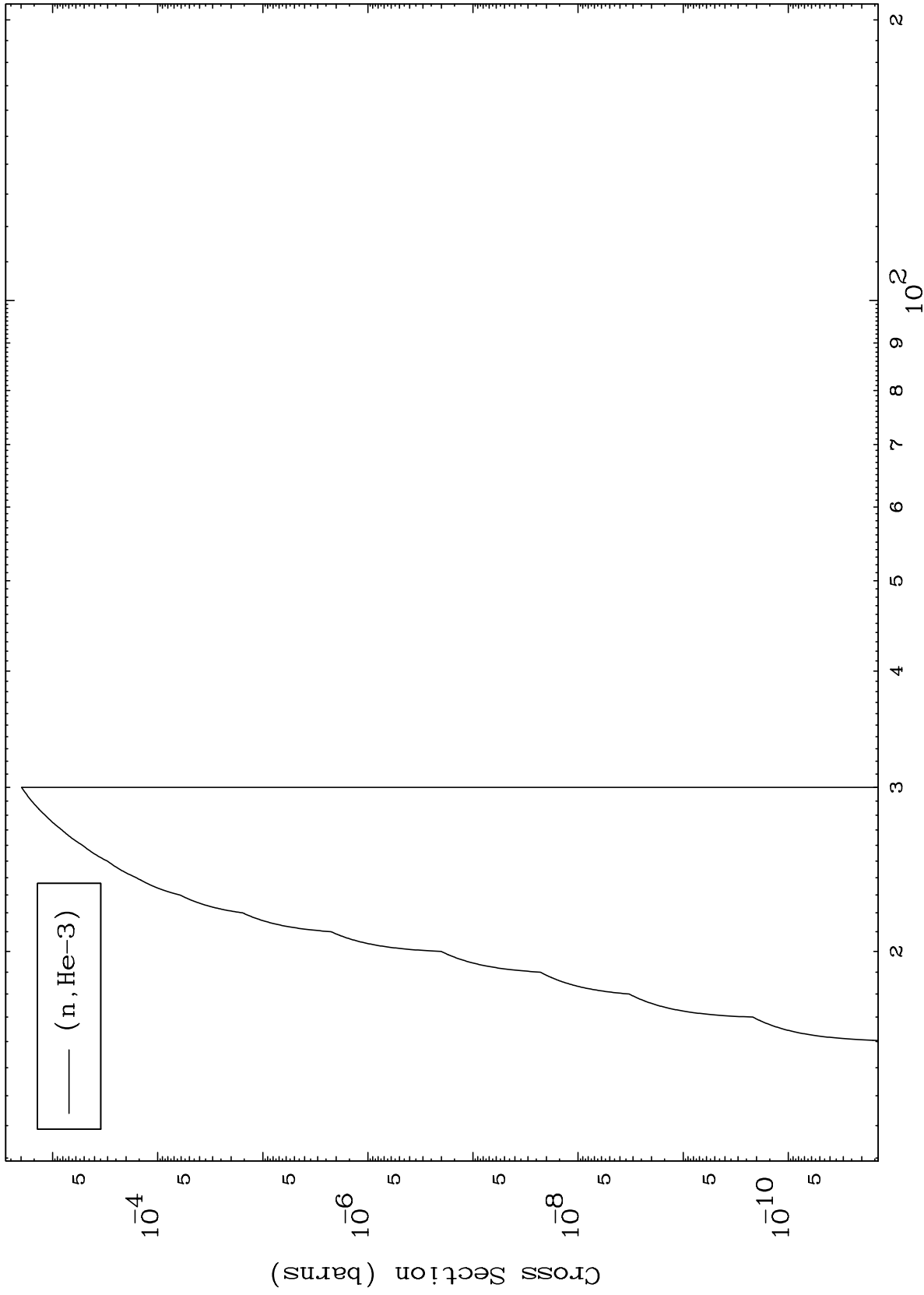
Incident Energy (MeV)

28-Ni-62

MAT 2837

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-62



13

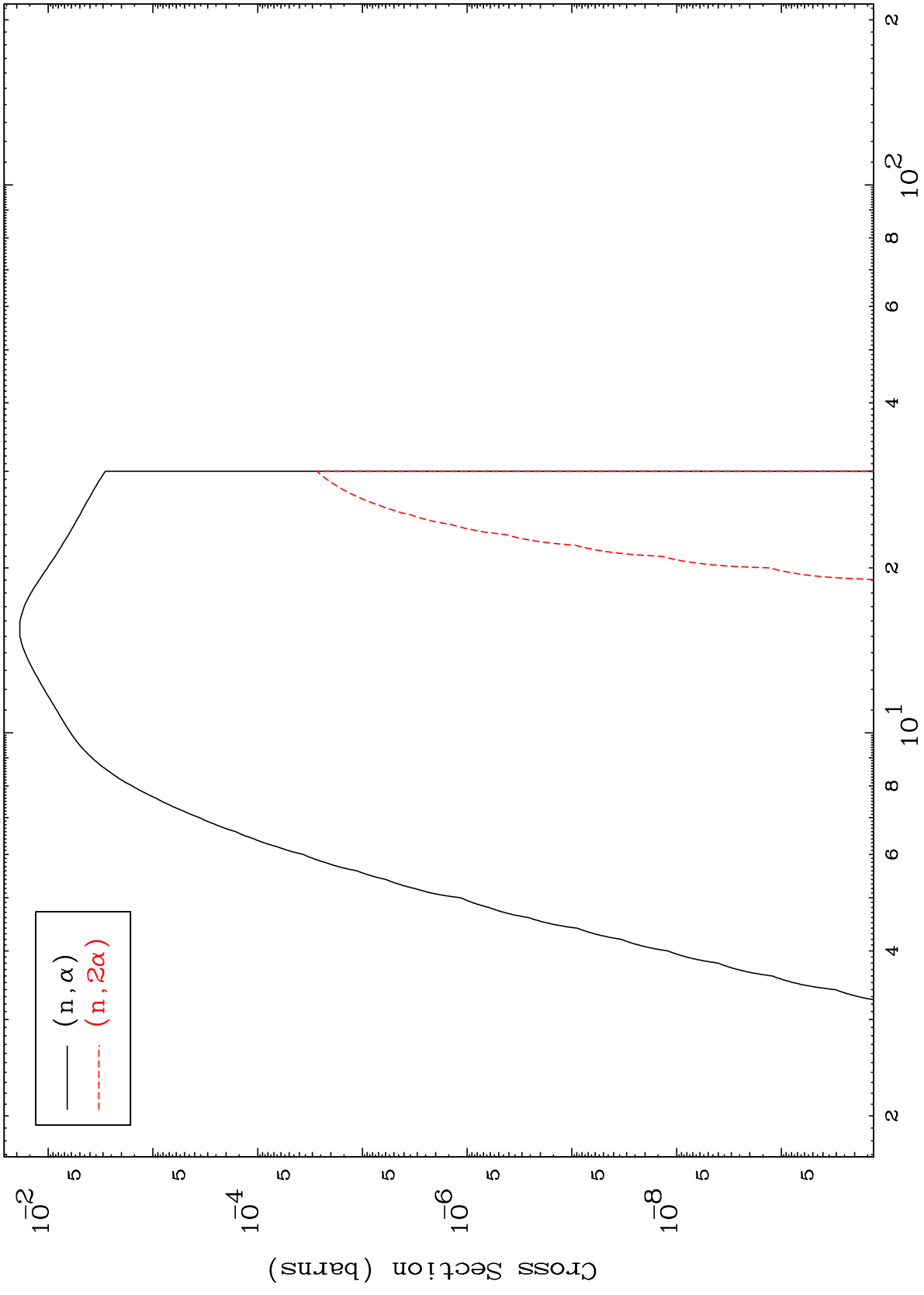
Incident Energy (MeV)

28-Ni-62

MAT 2837

(n,α) Levels
293 Kelvin Cross Sections

28-Ni-62



— (n,α)
- - - (n,2α)

14

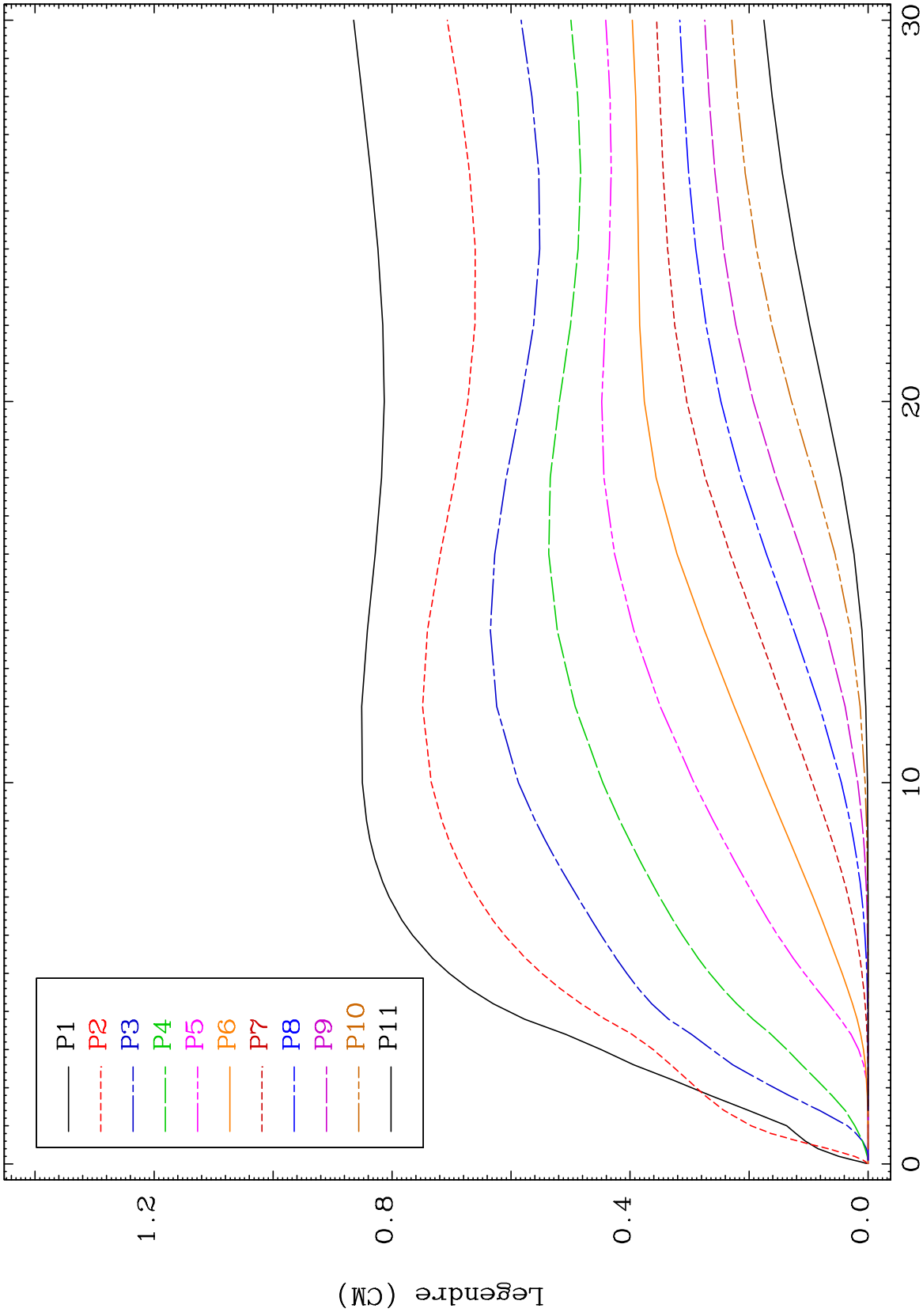
Incident Energy (MeV)

28-Ni-62

MAT 2837

Elastic Legendre Coefficients

28-Ni-62



15

Incident Energy (MeV)

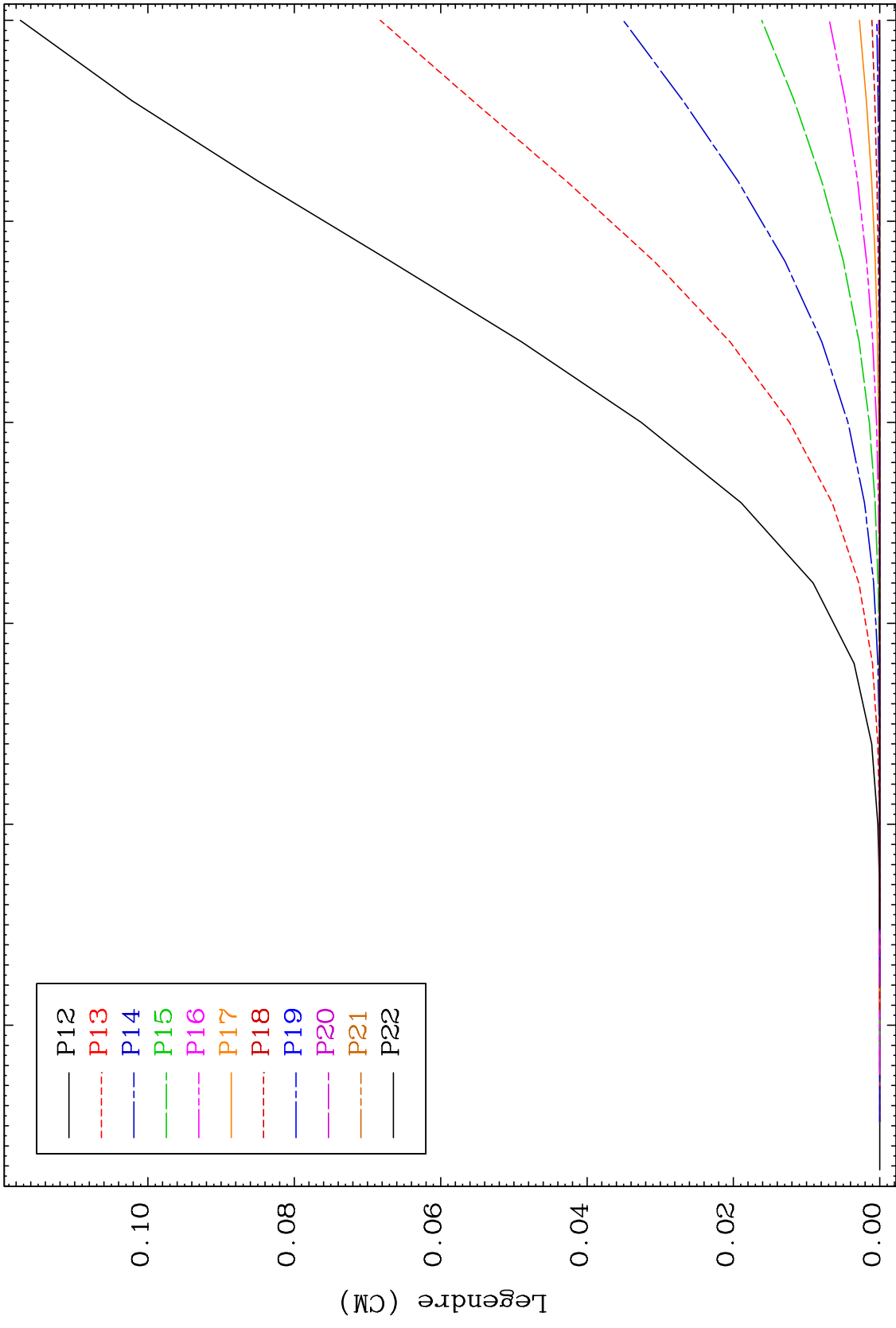
28-Ni-62

30

MAT 2837

Elastic Legendre Coefficients

²⁸Ni-62



²⁸Ni-62

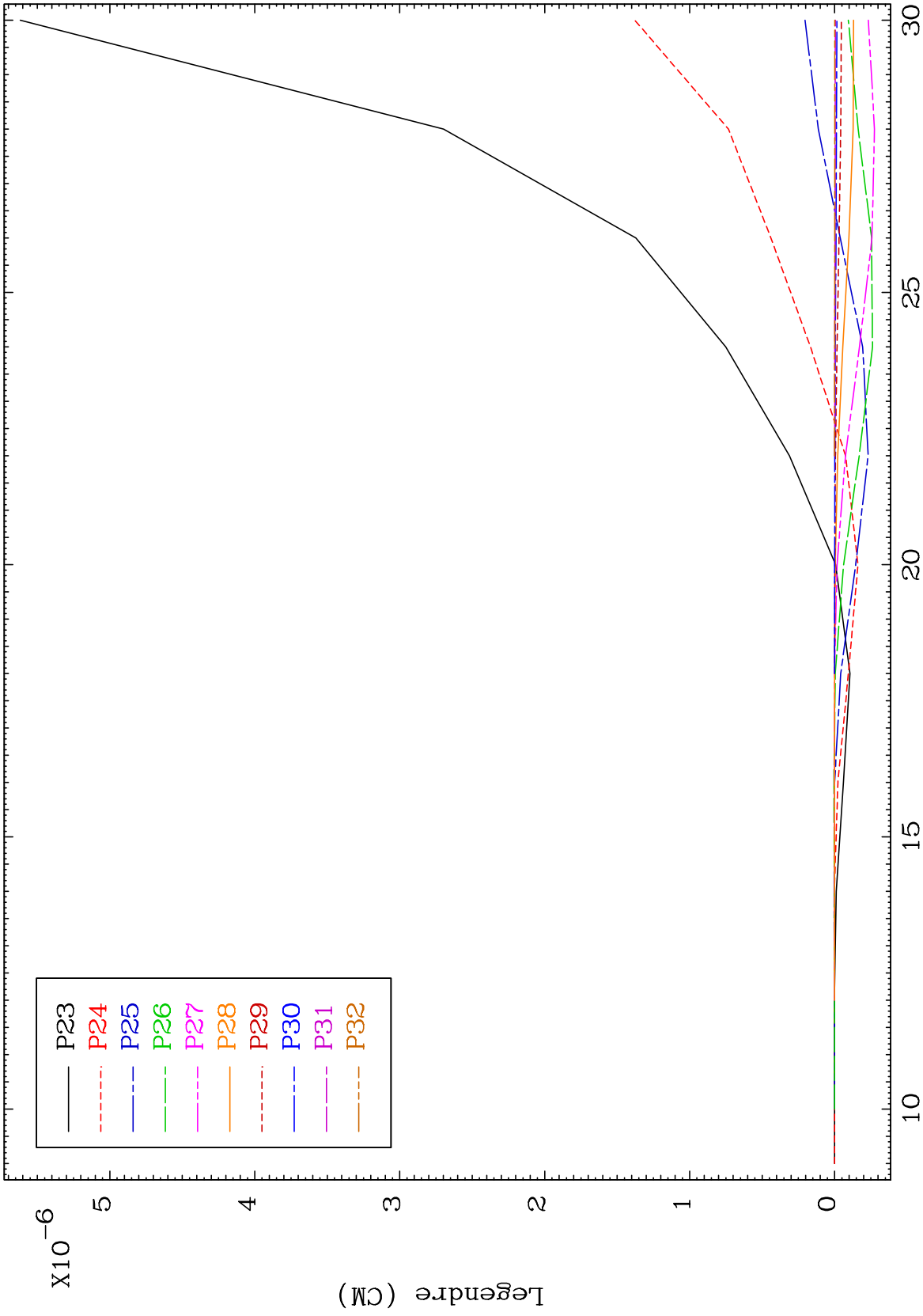
Incident Energy (MeV)

16

MAT 2837

Elastic Legendre Coefficients

²⁸Ni-62



17

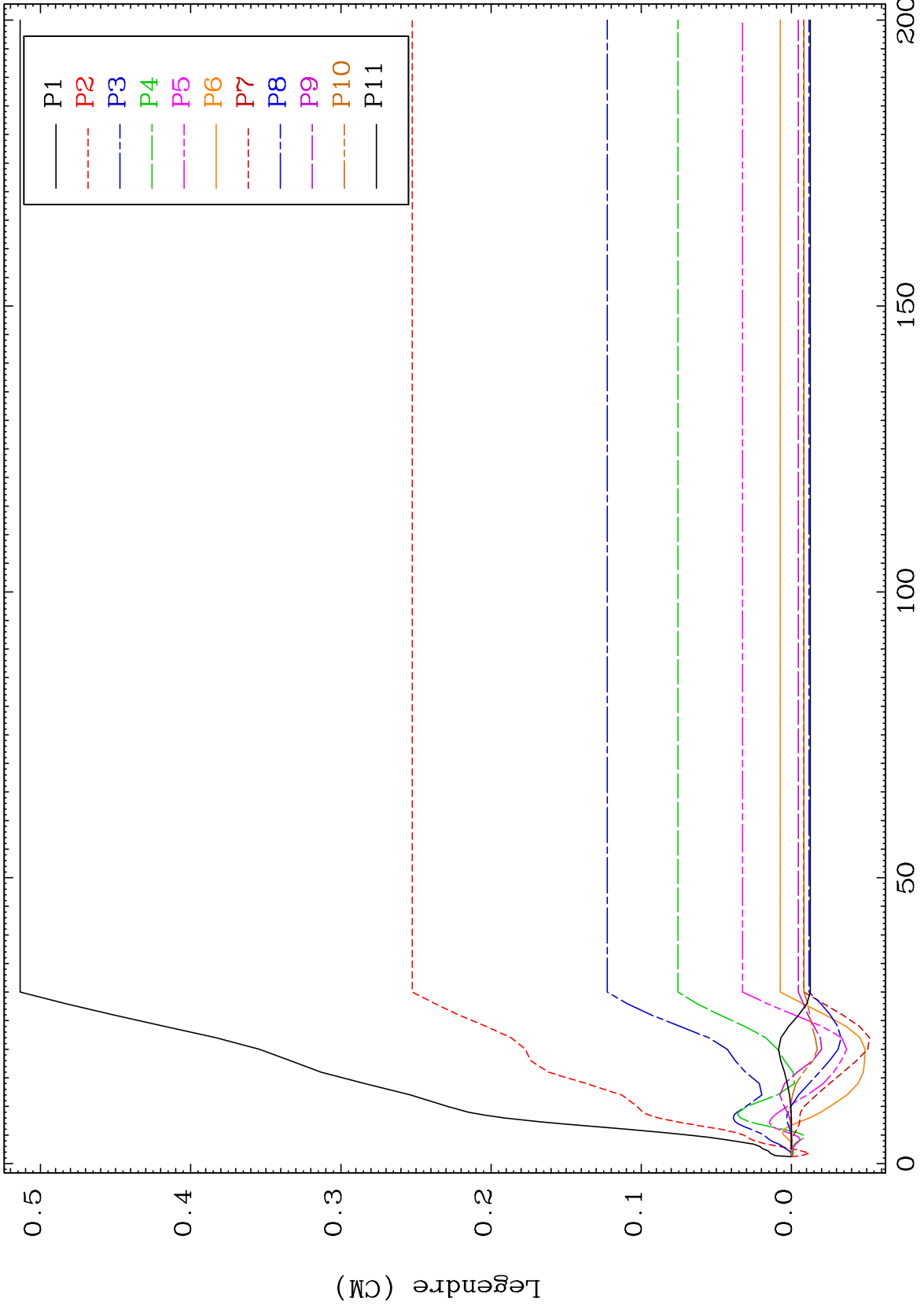
Incident Energy (MeV)

²⁸Ni-62

MAT 2837

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

28-Ni-62



18

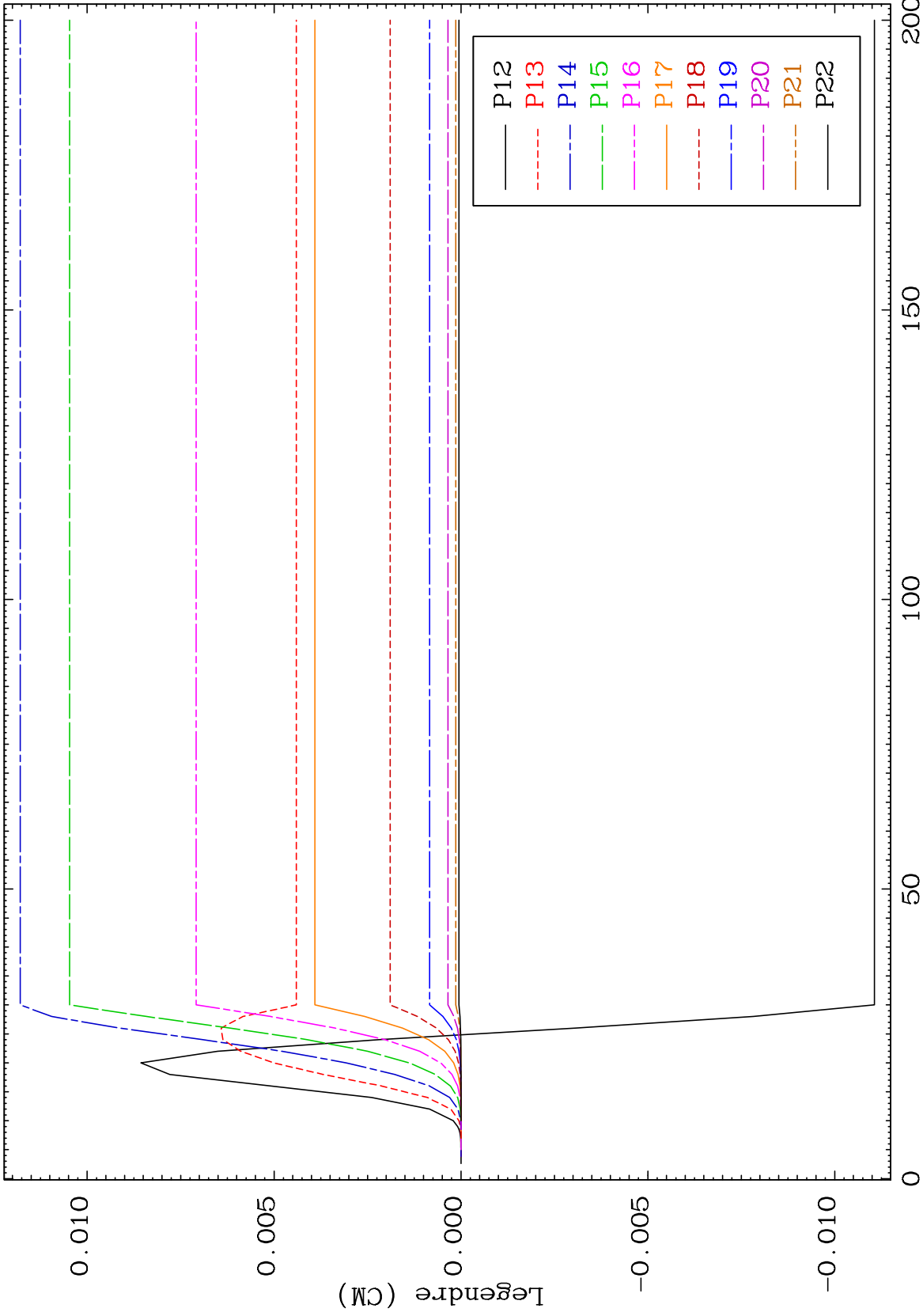
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



19

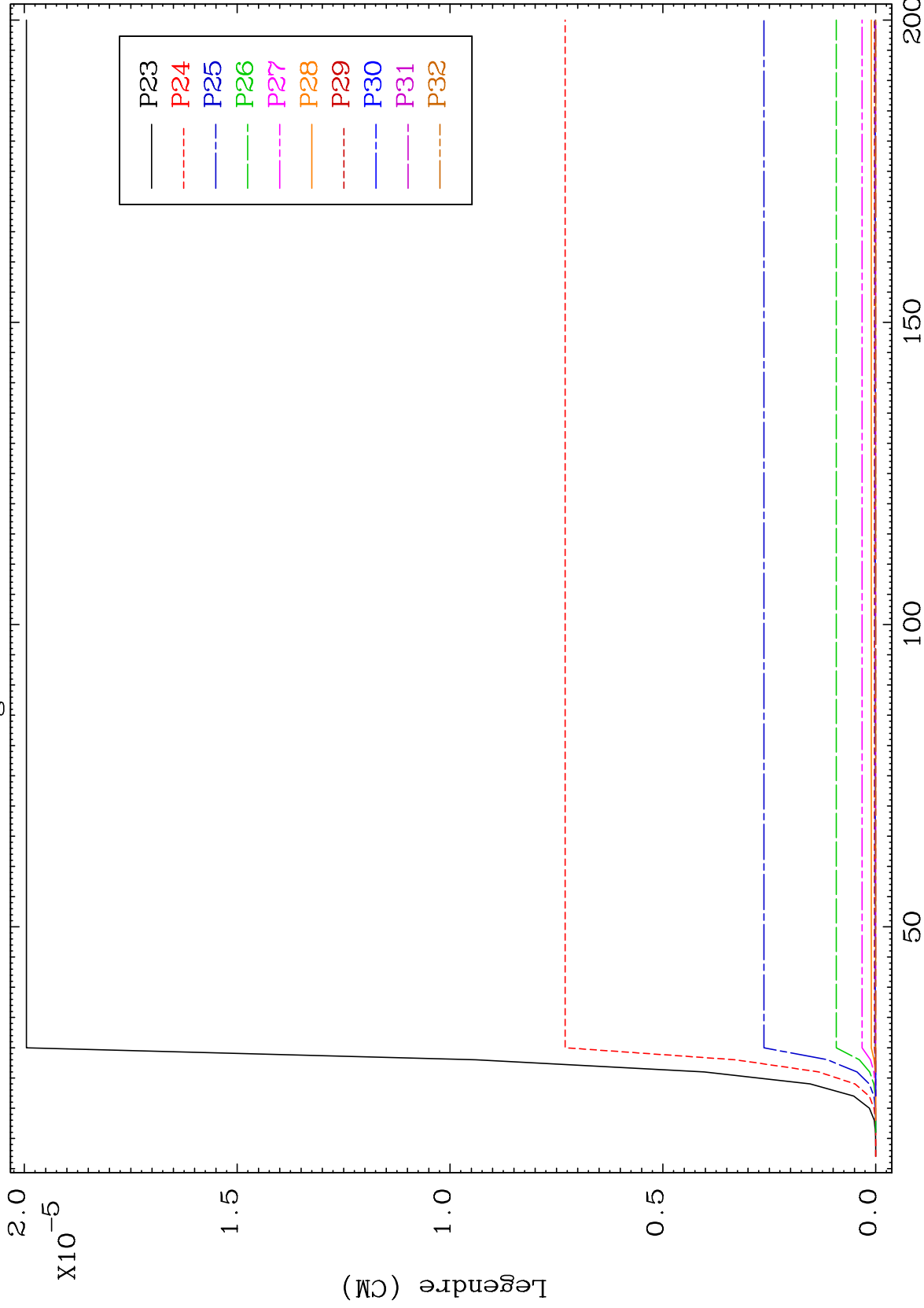
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



20

50

100

150

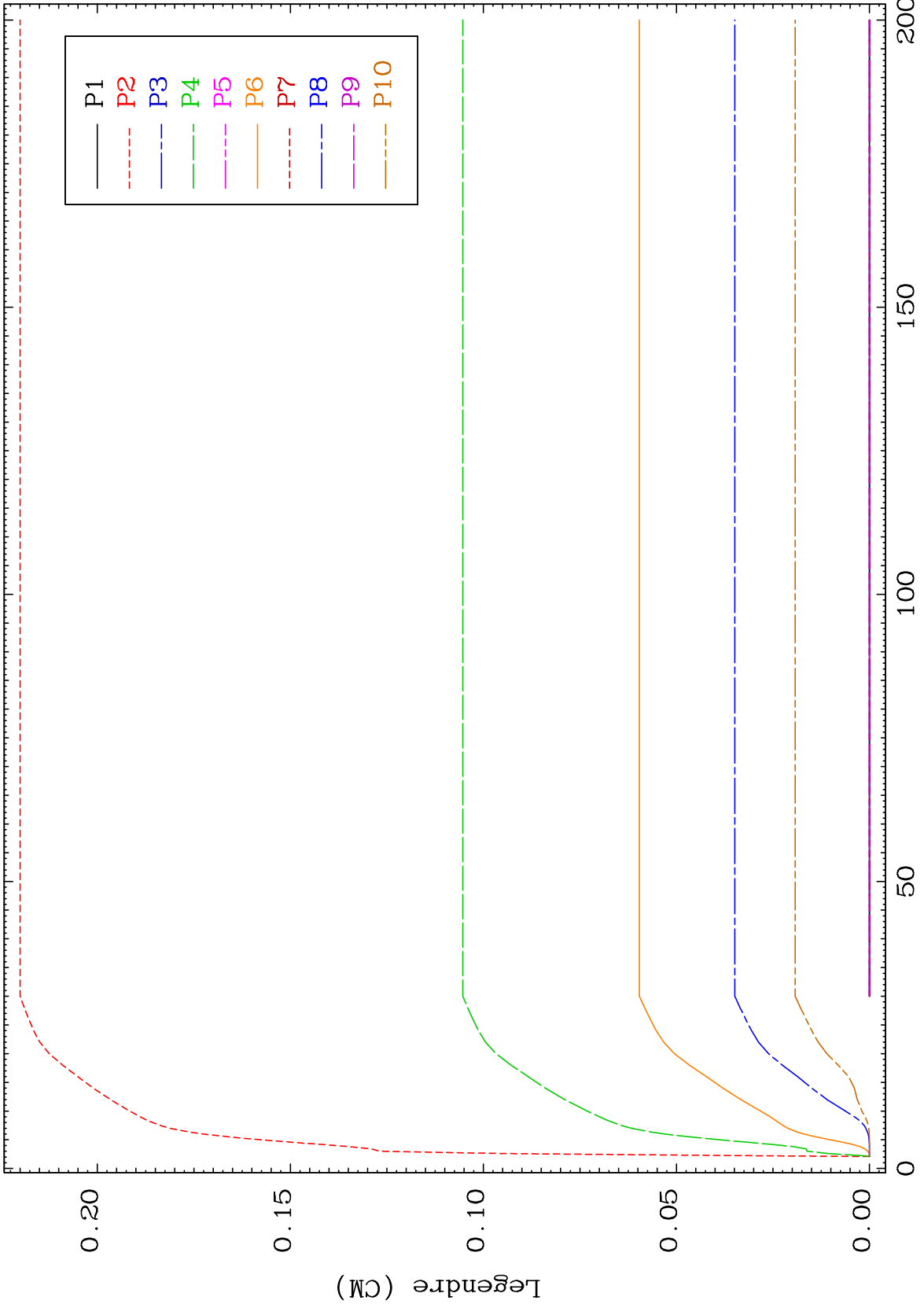
200

28-Ni-62

MAT 2837

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

28-Ni-62



21

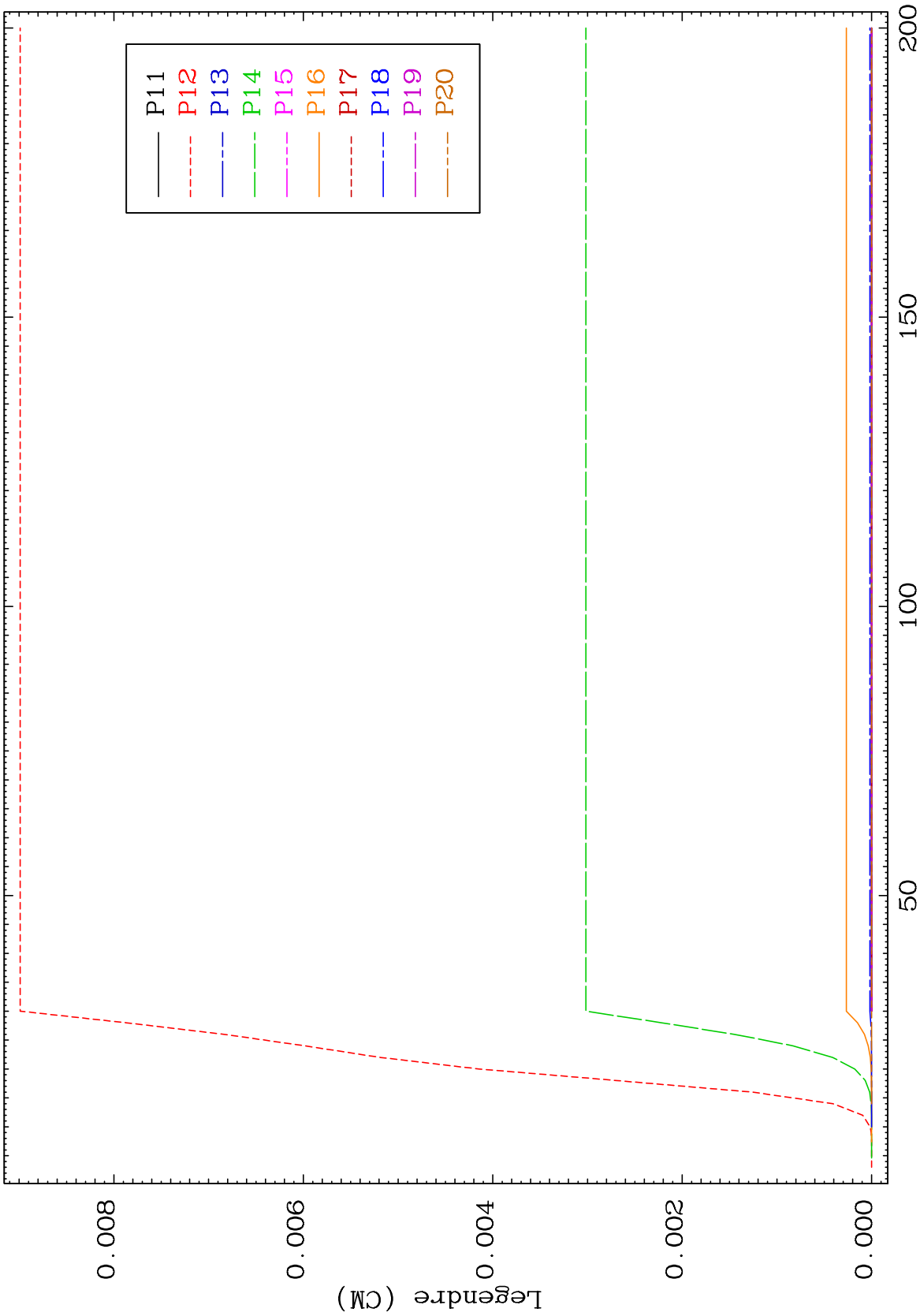
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



22

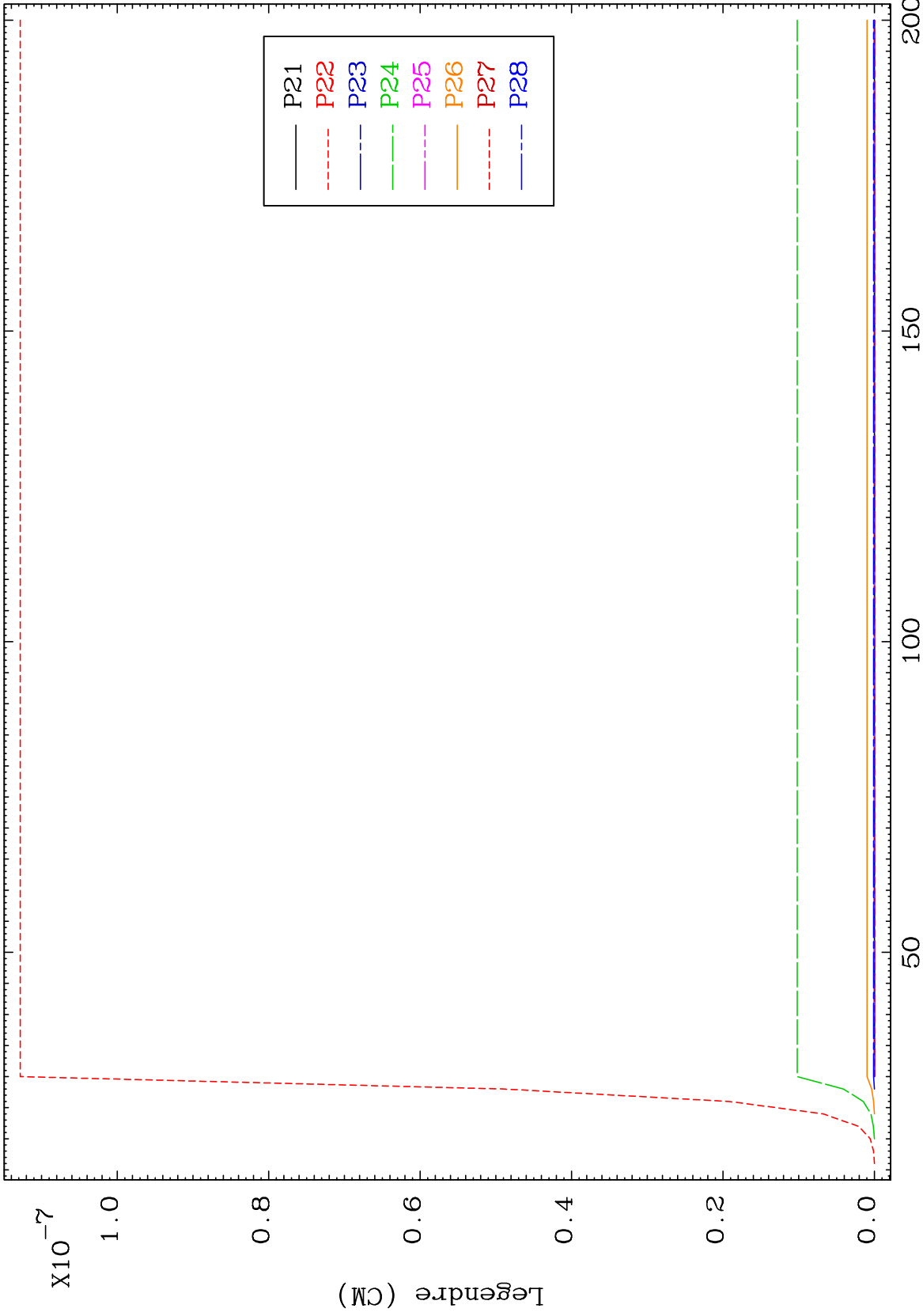
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



23

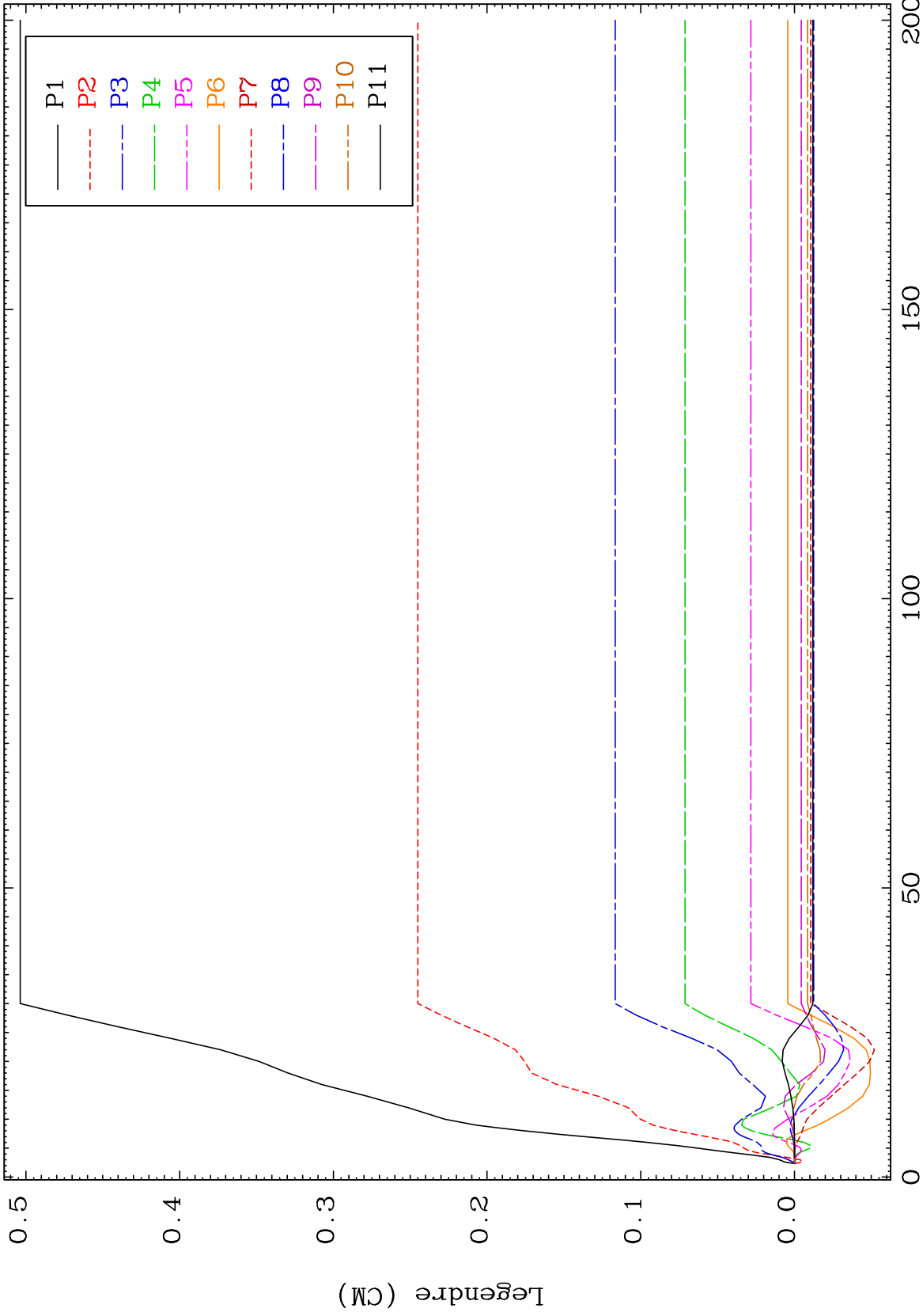
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



24

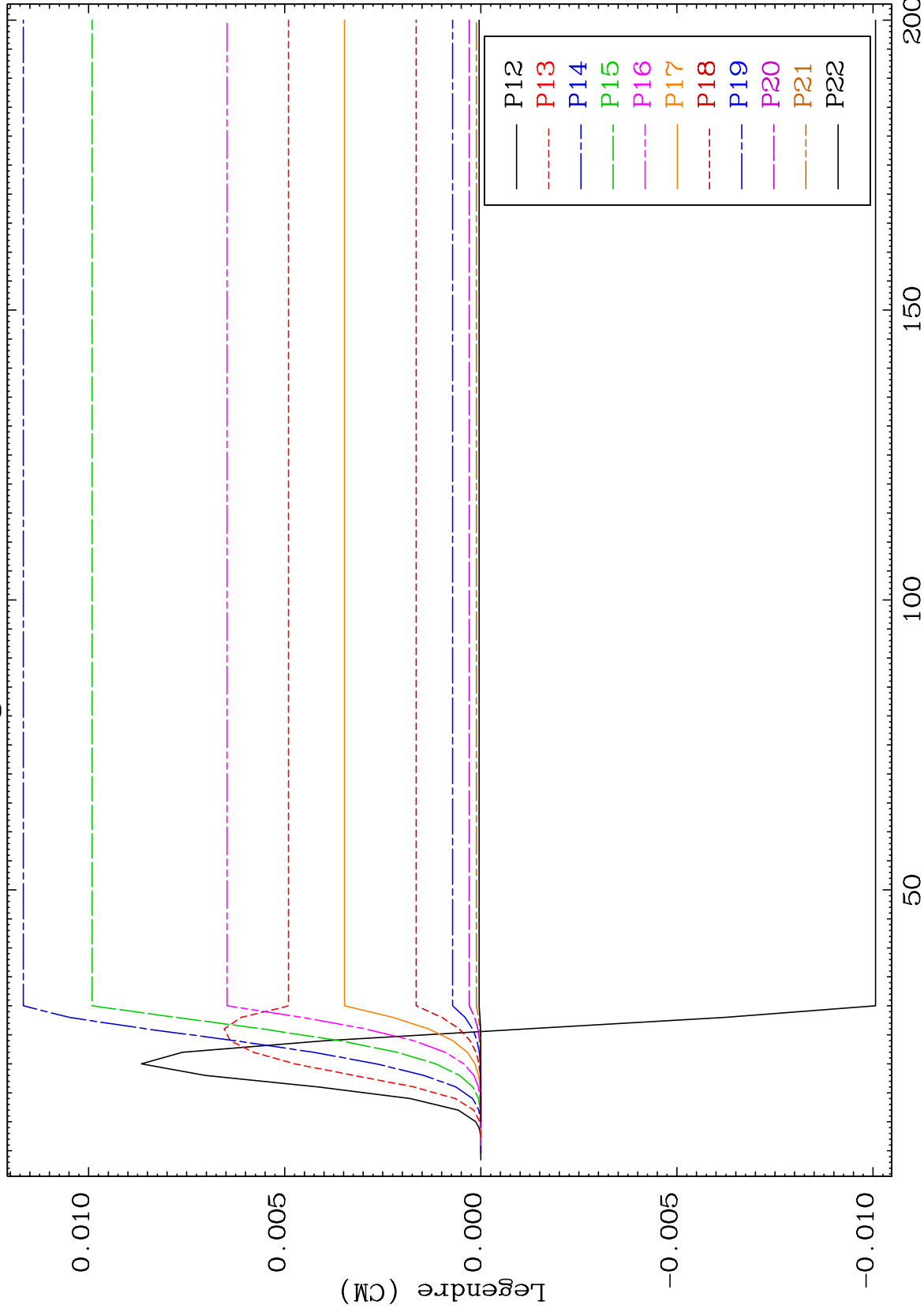
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



25

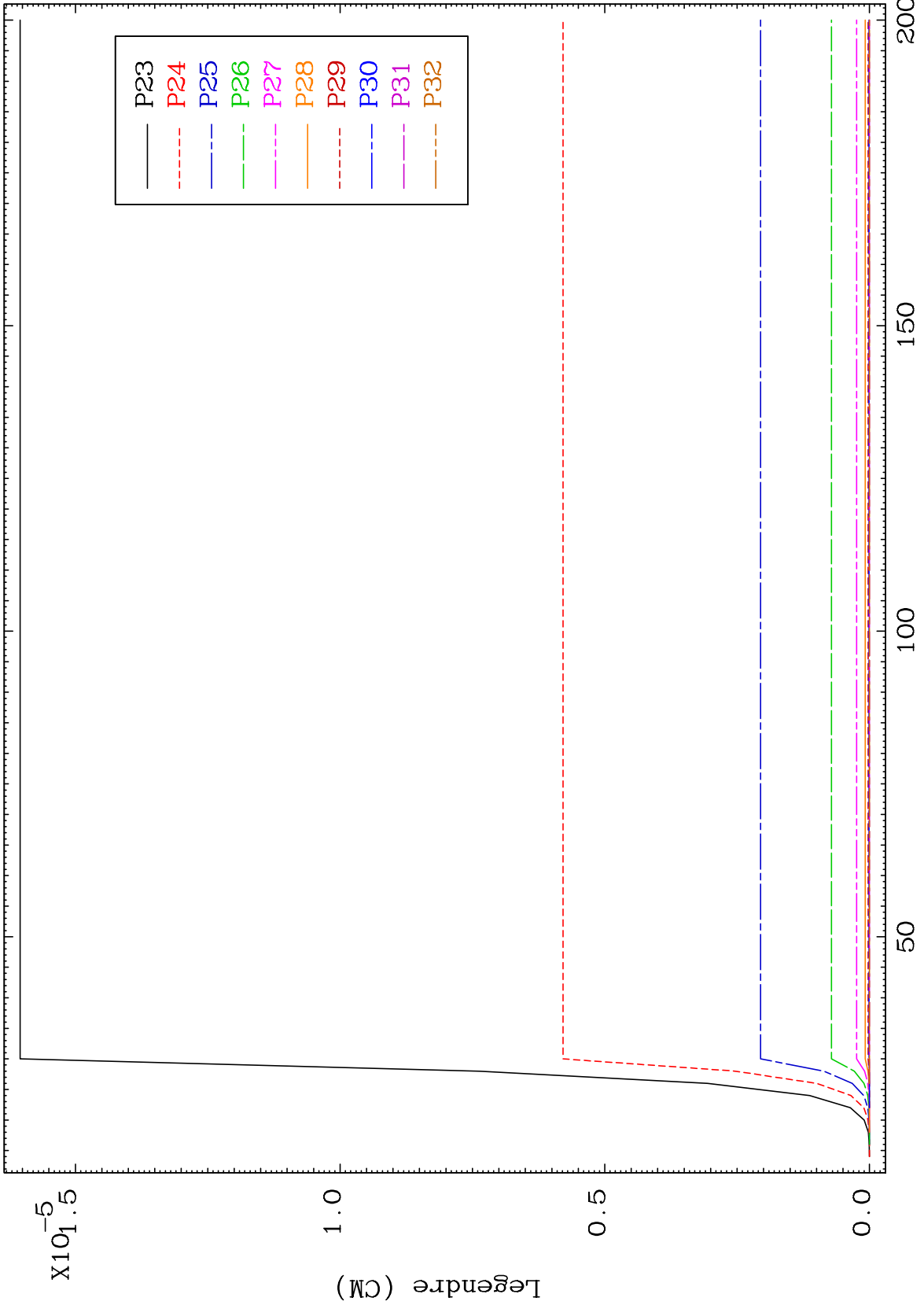
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



26

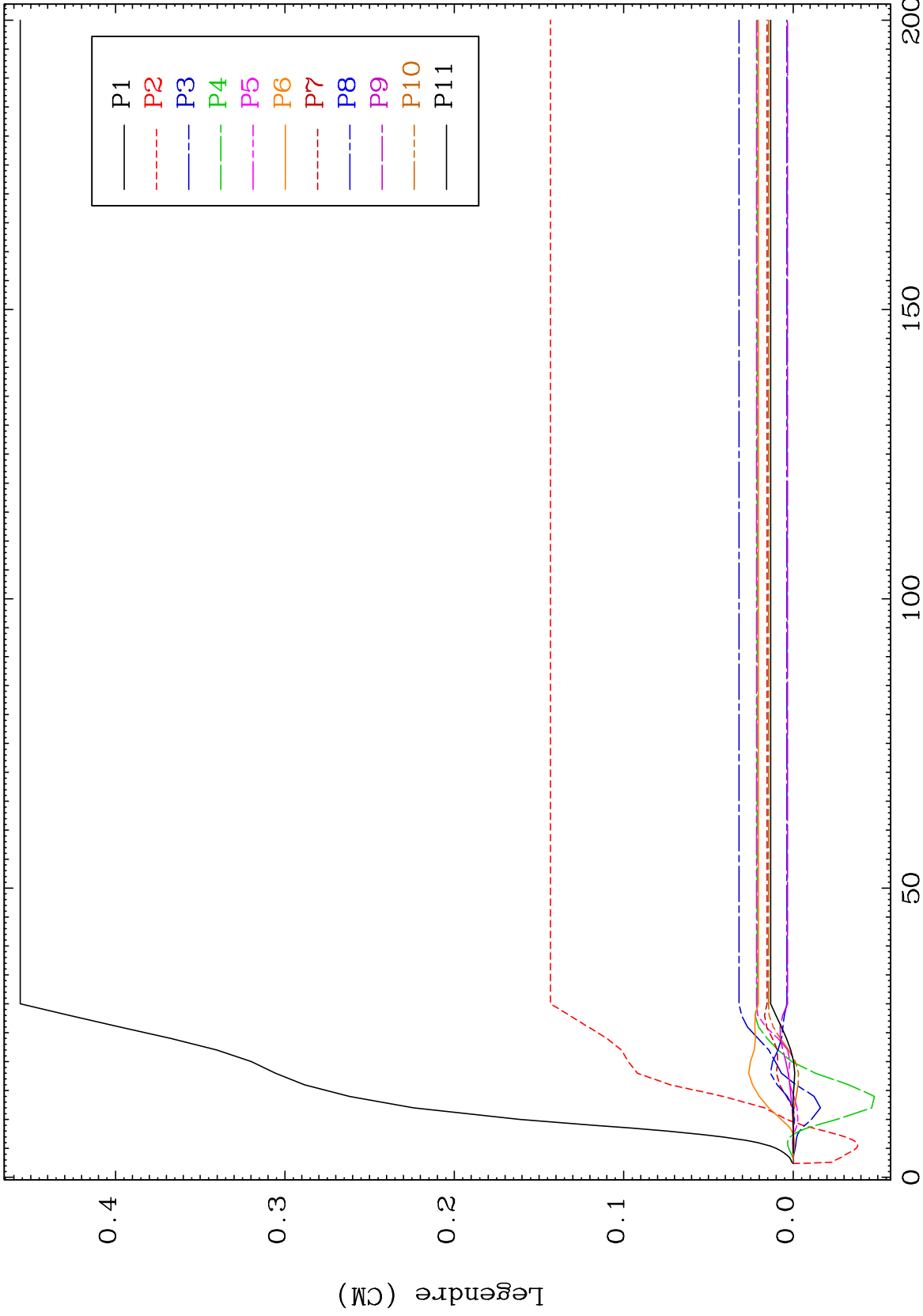
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



27

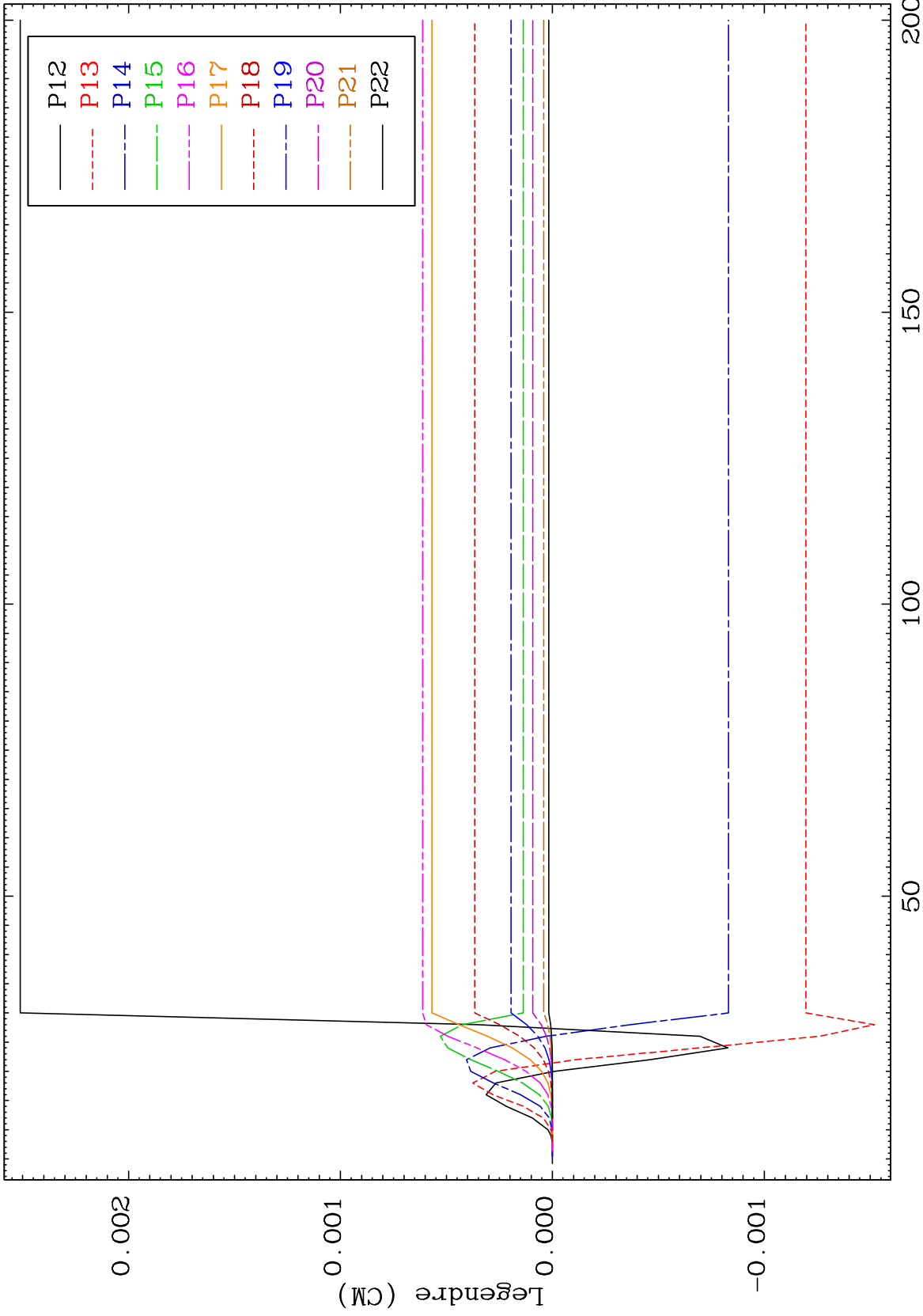
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



28

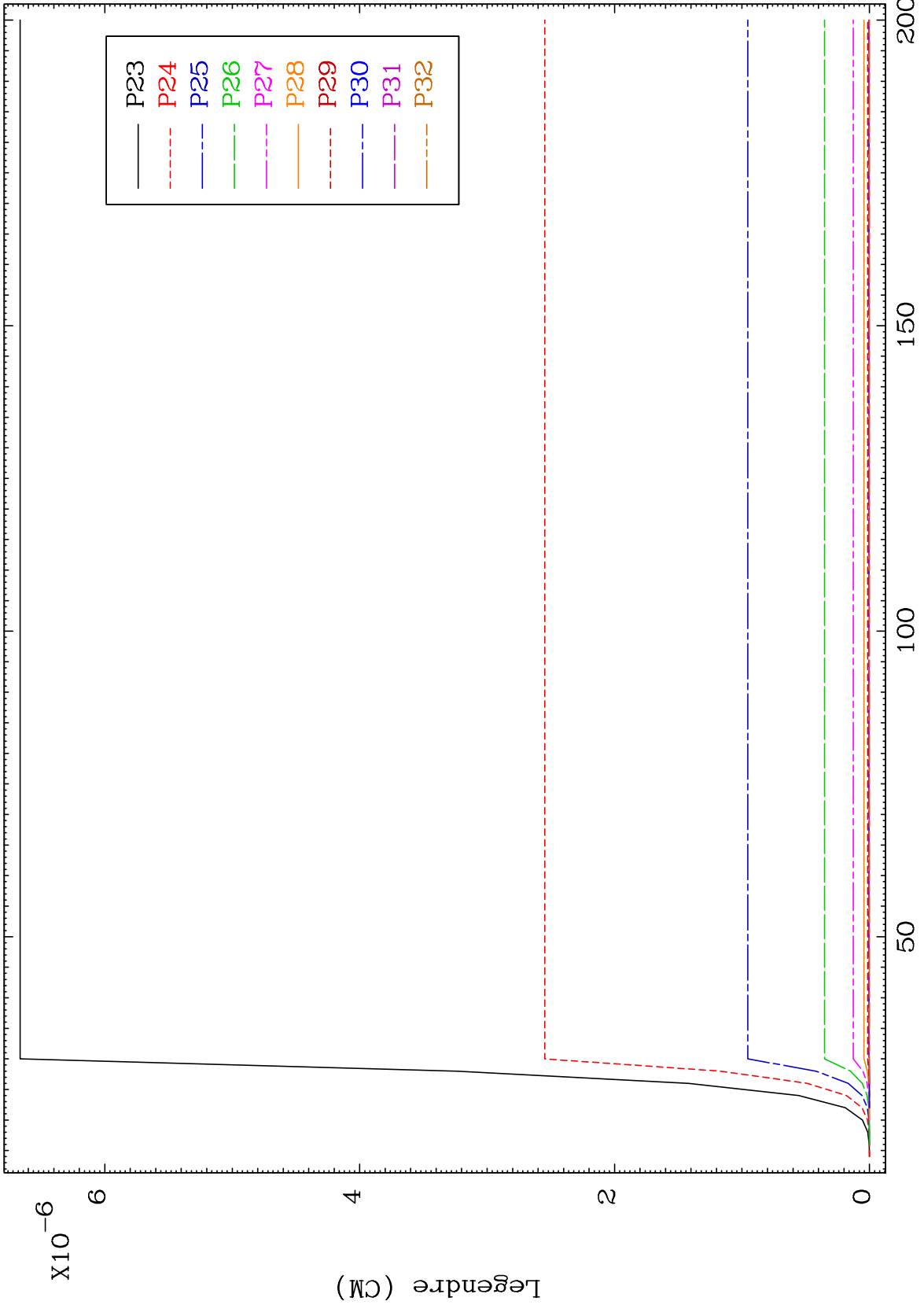
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



29

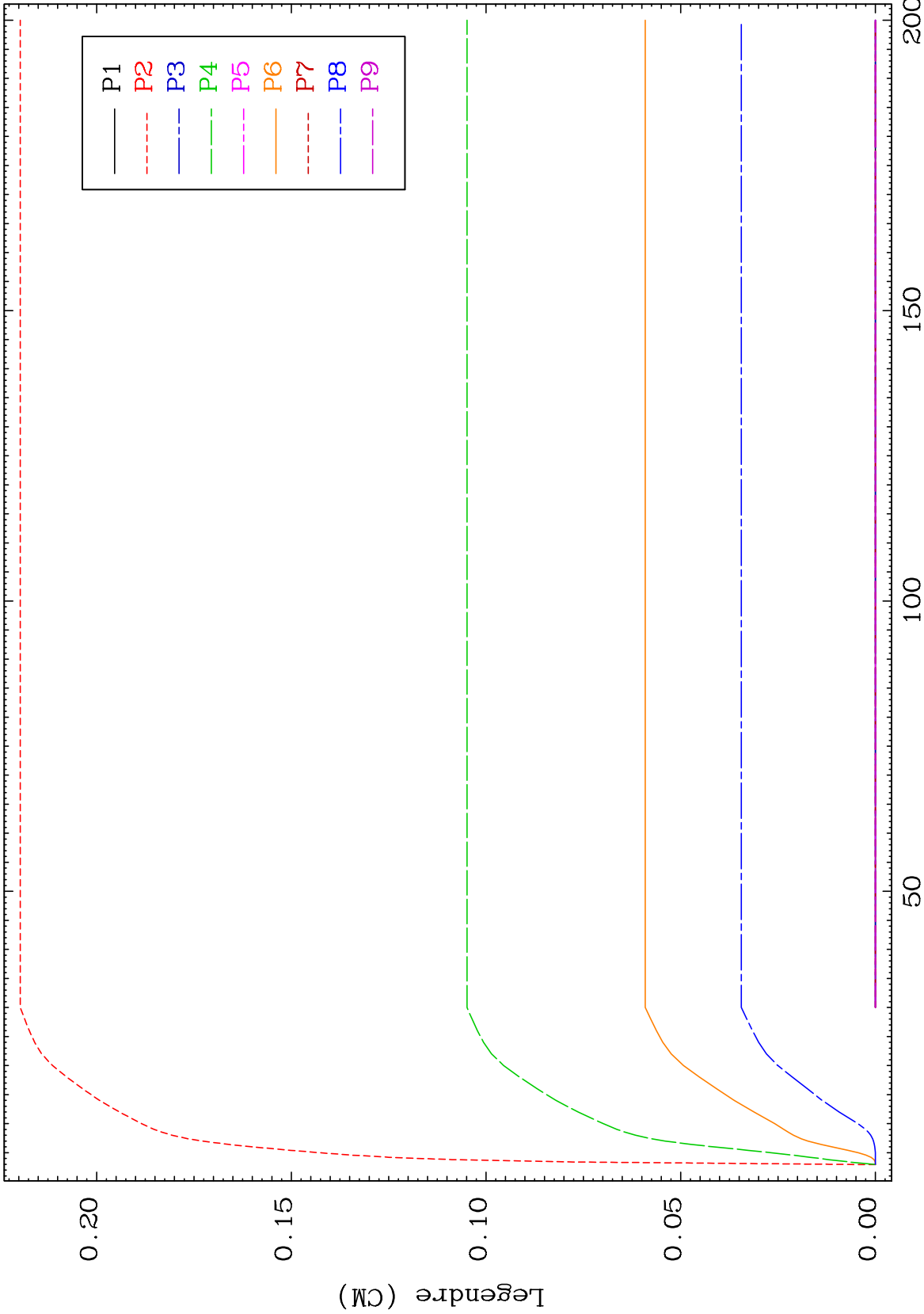
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



28-Ni-62

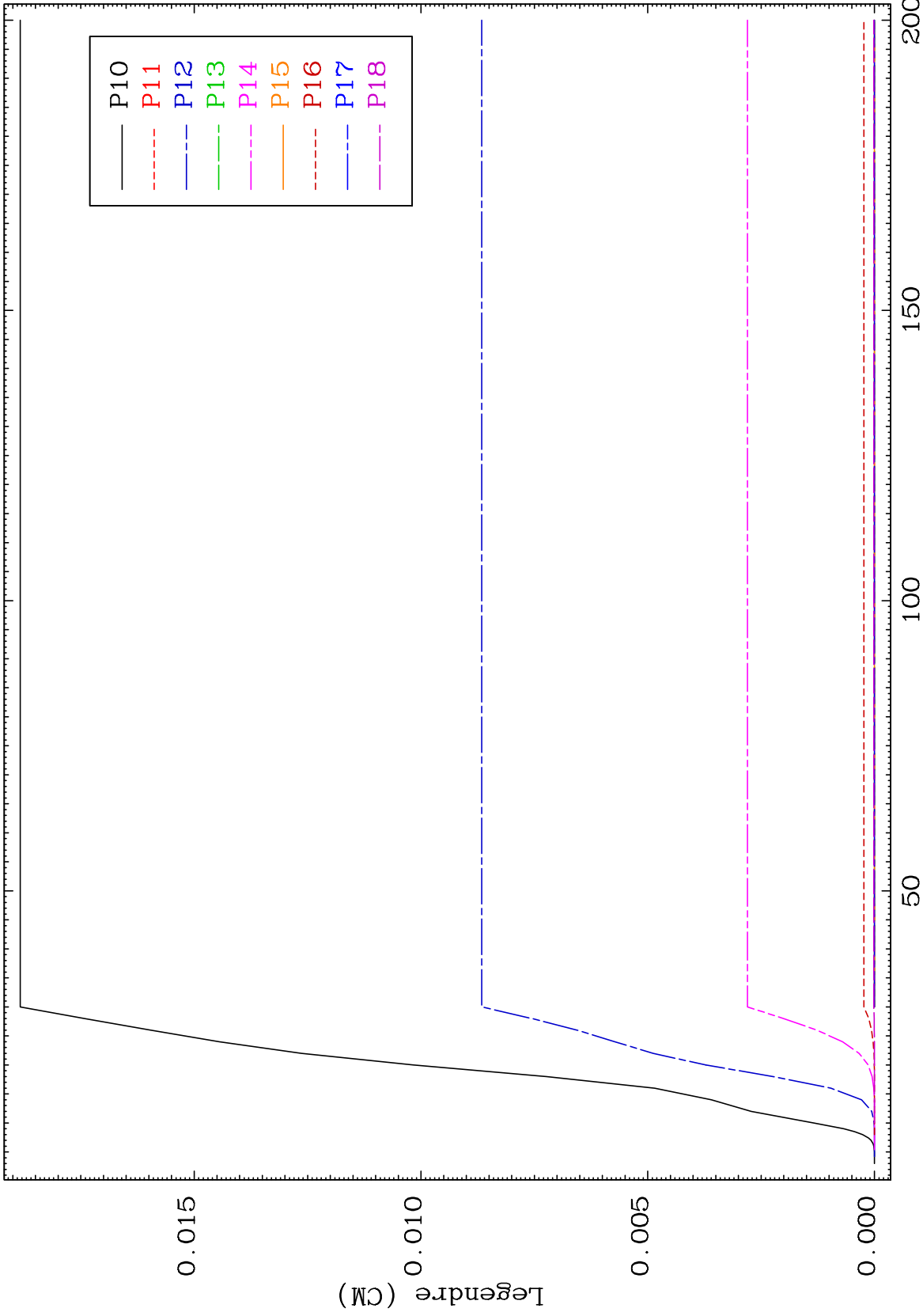
Incident Energy (MeV)

30

MAT 2837

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

28-Ni-62



31

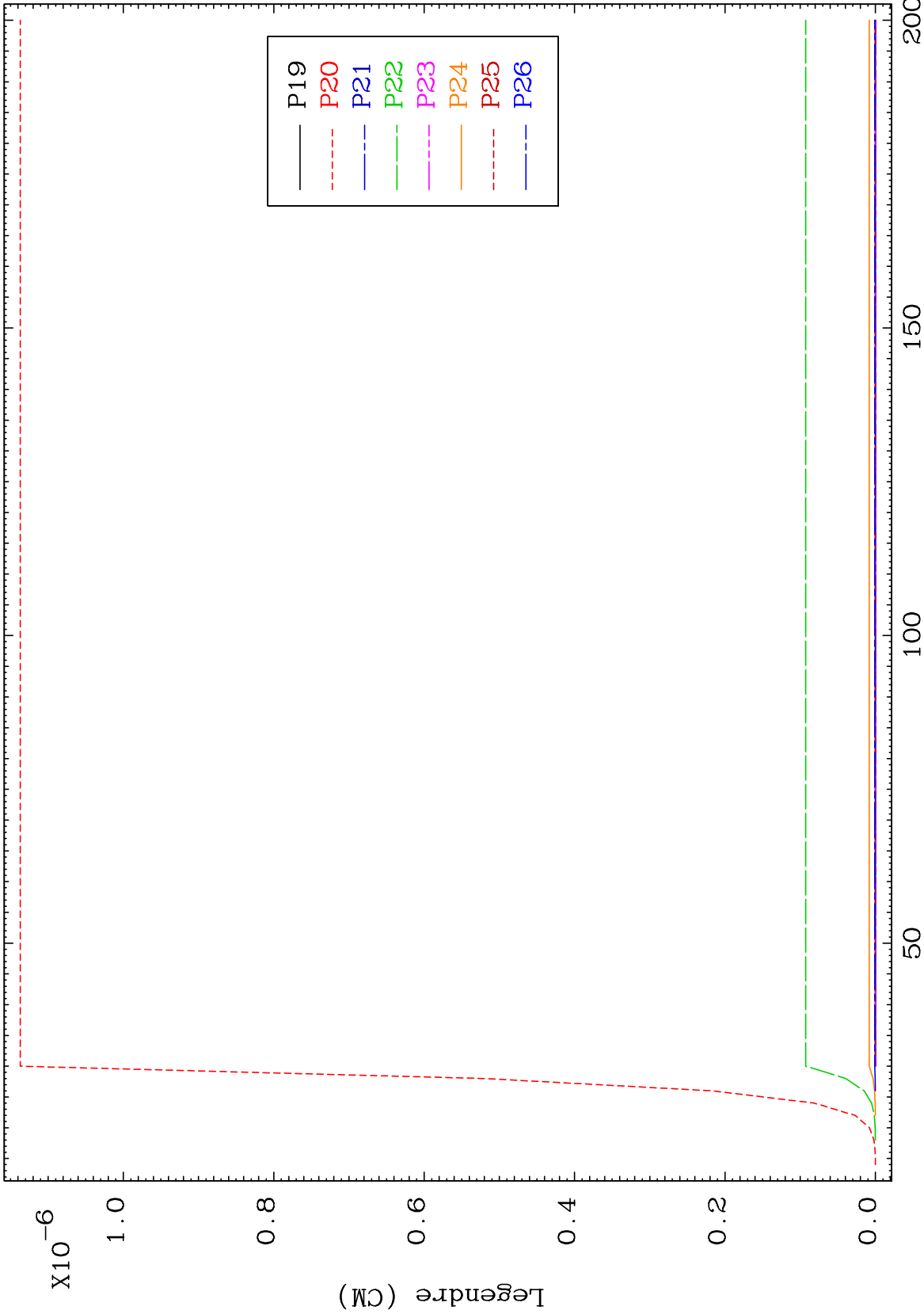
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



32

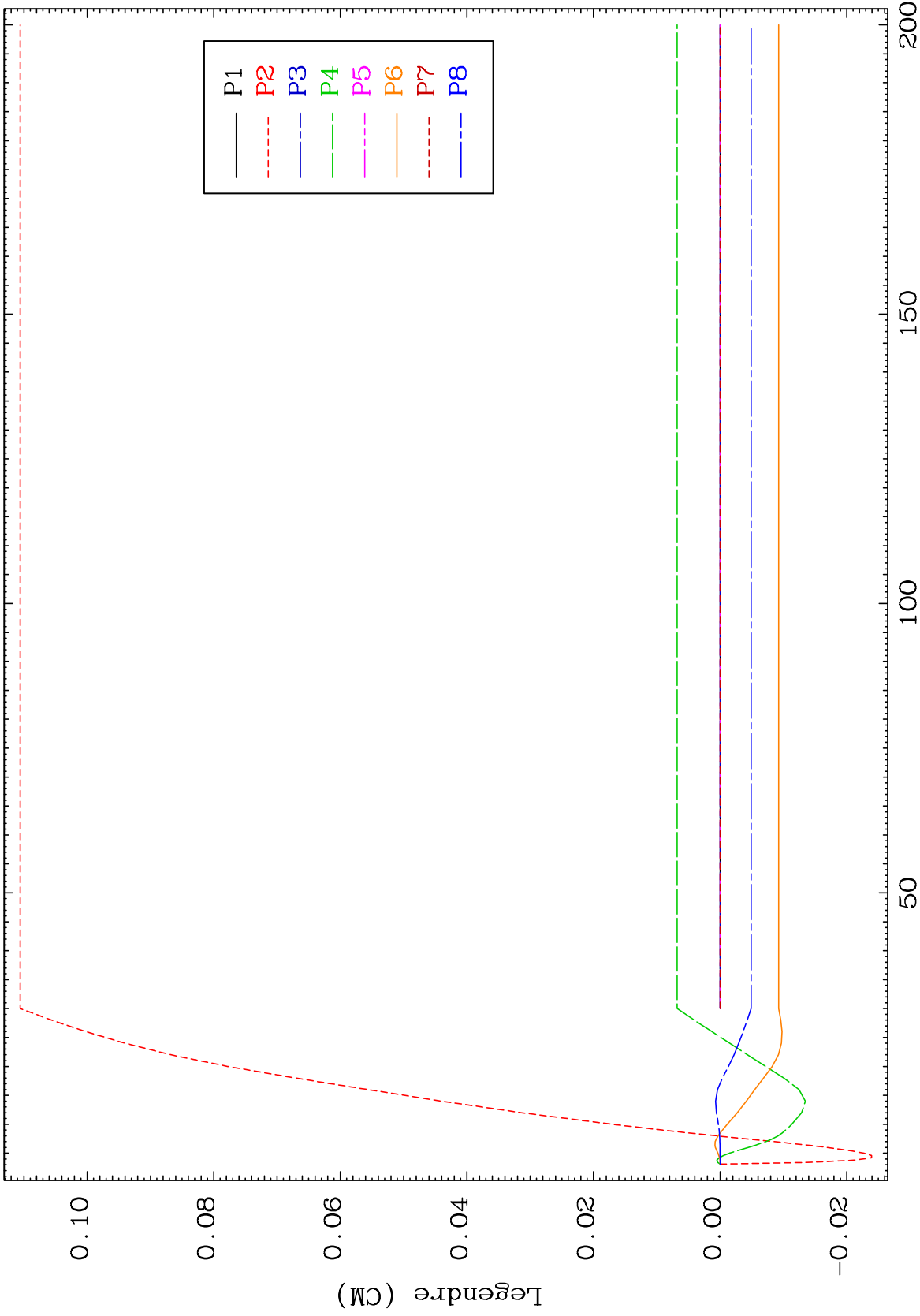
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



33

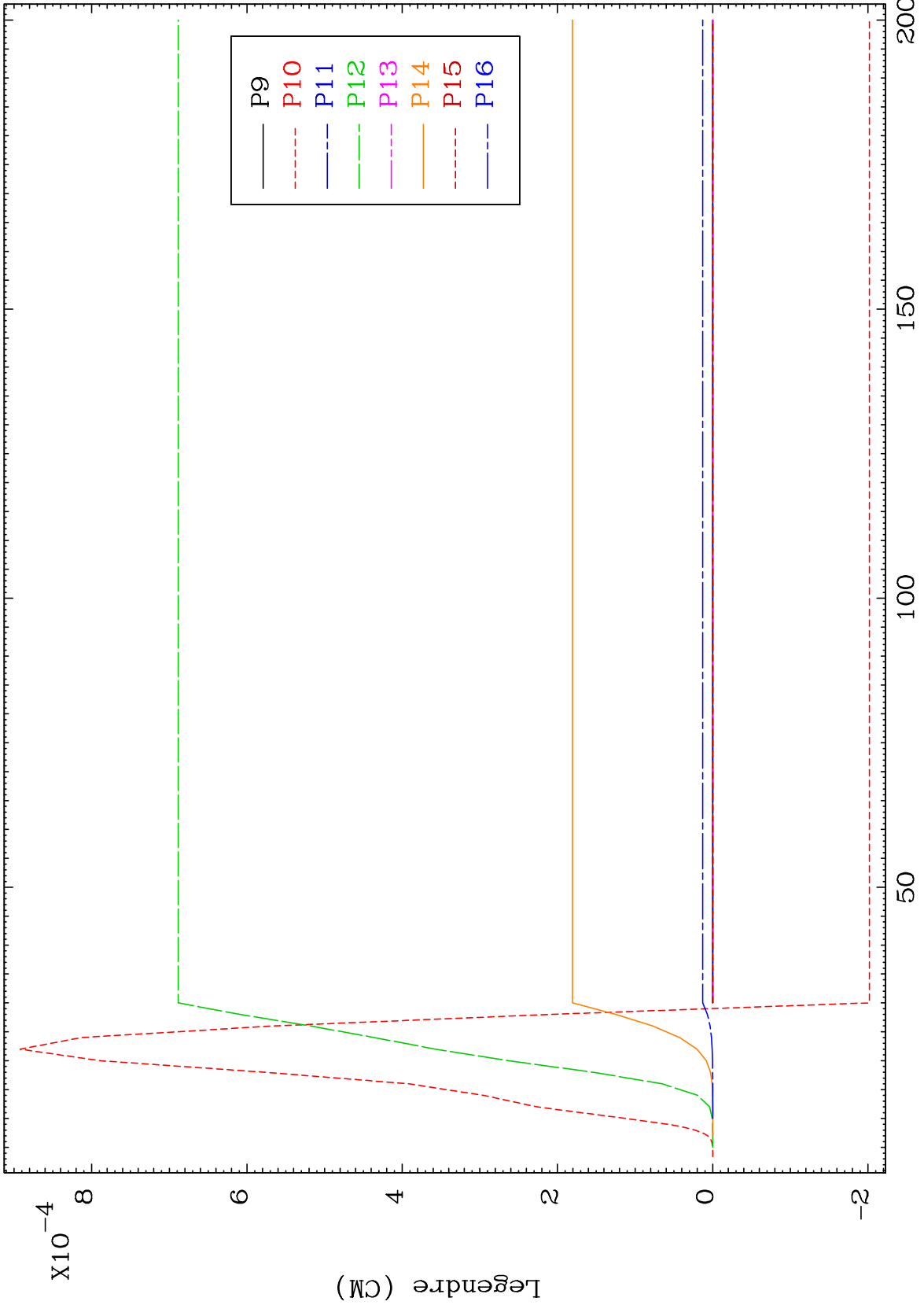
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



34

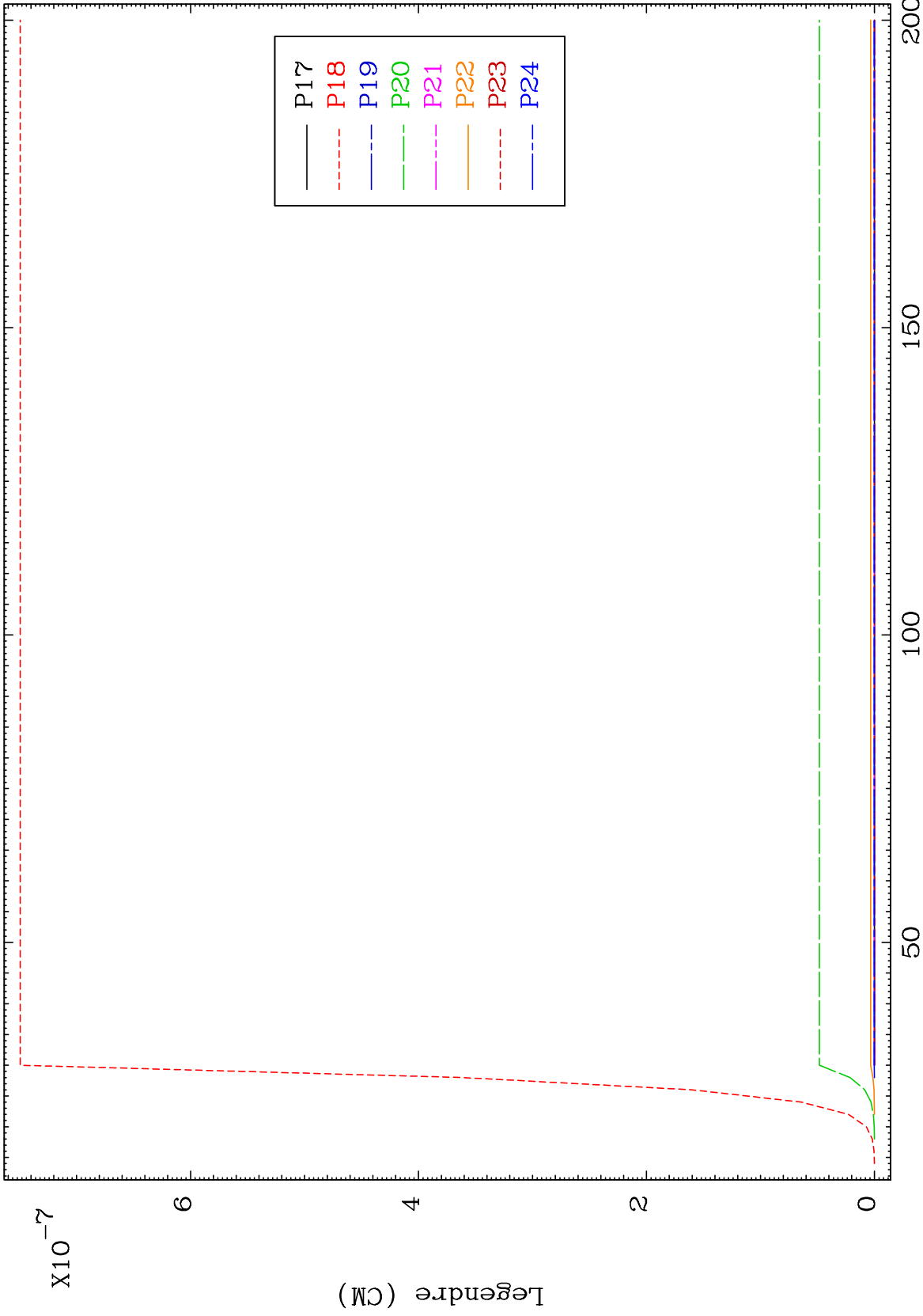
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



35

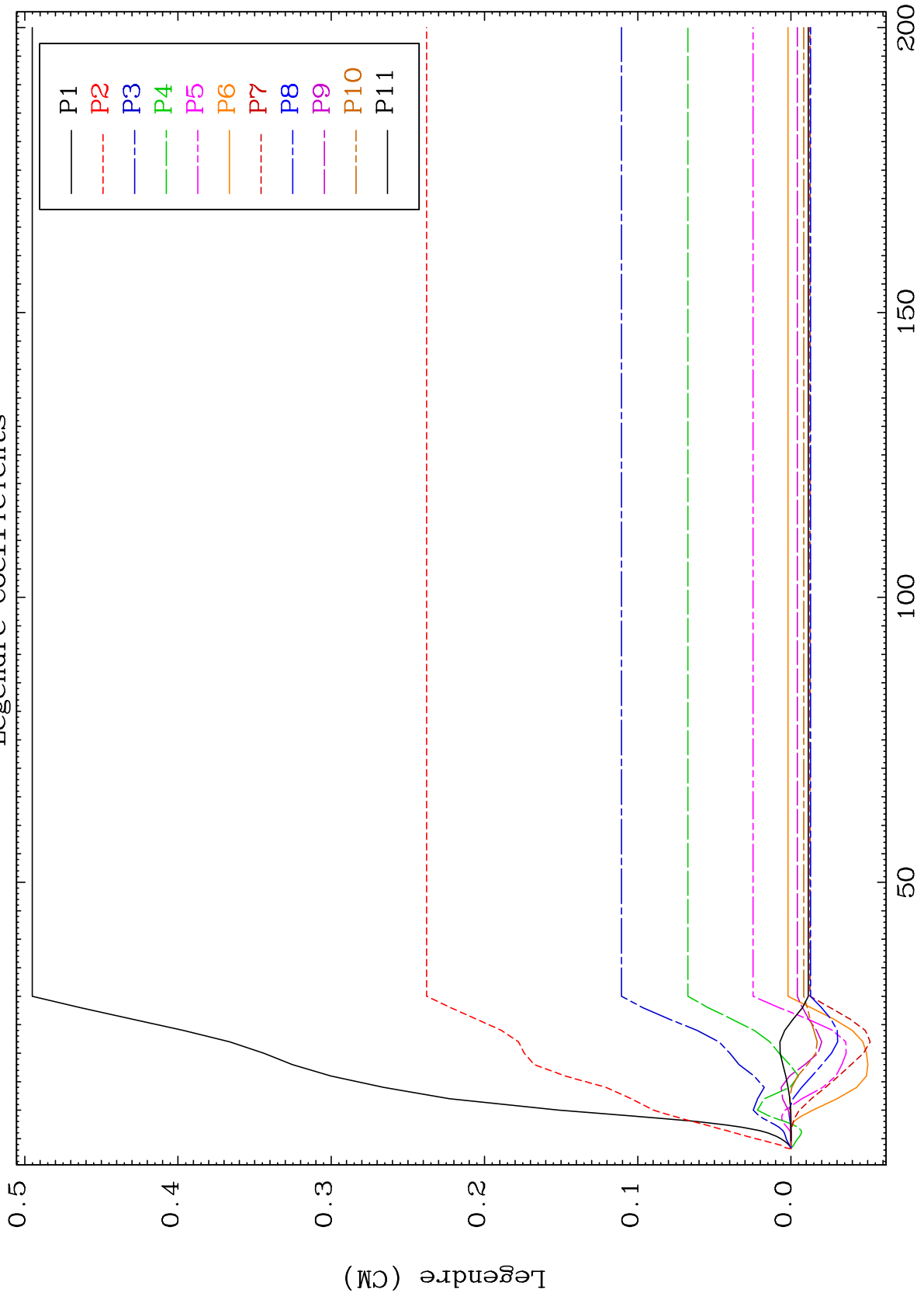
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



36

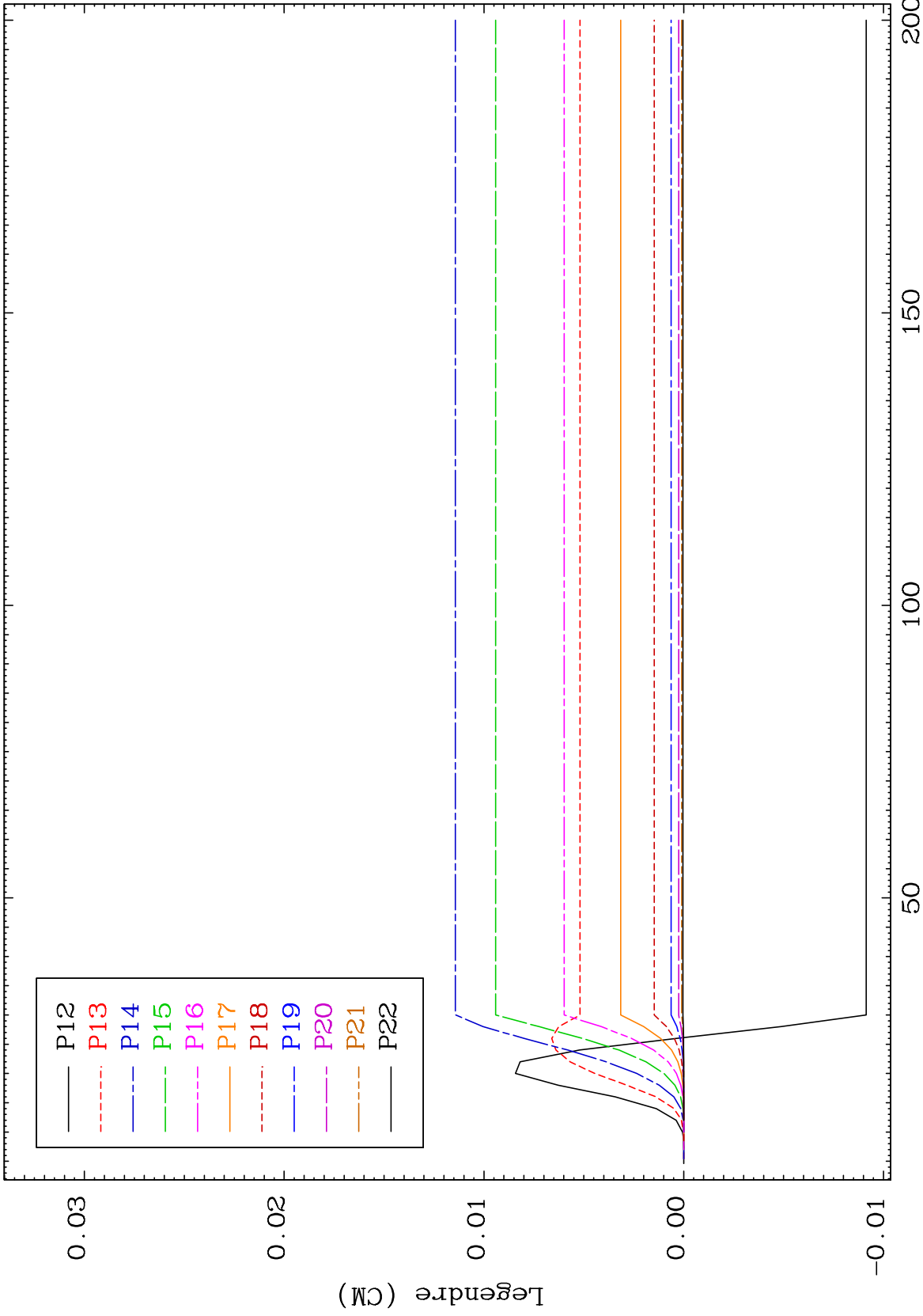
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



37

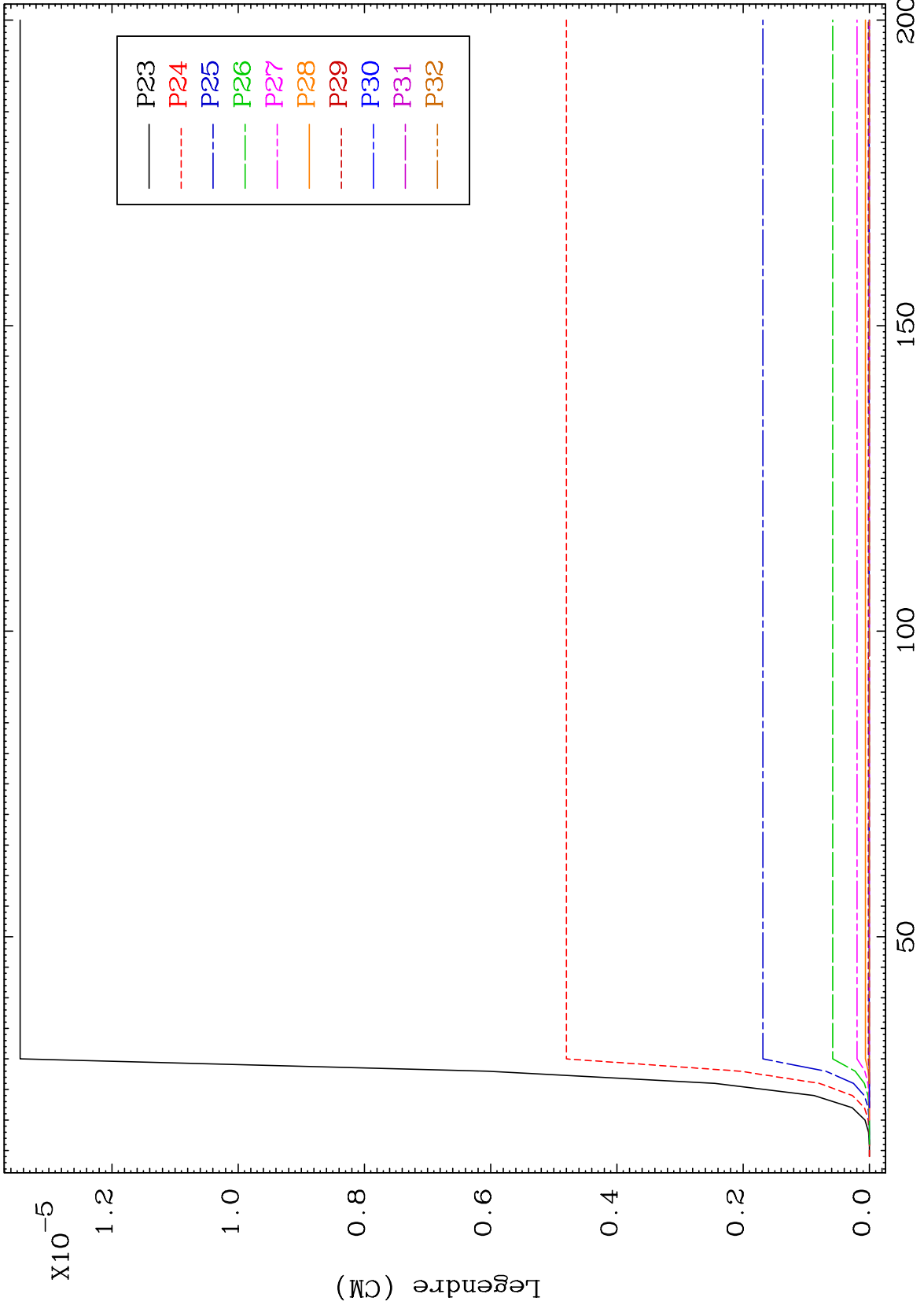
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



38

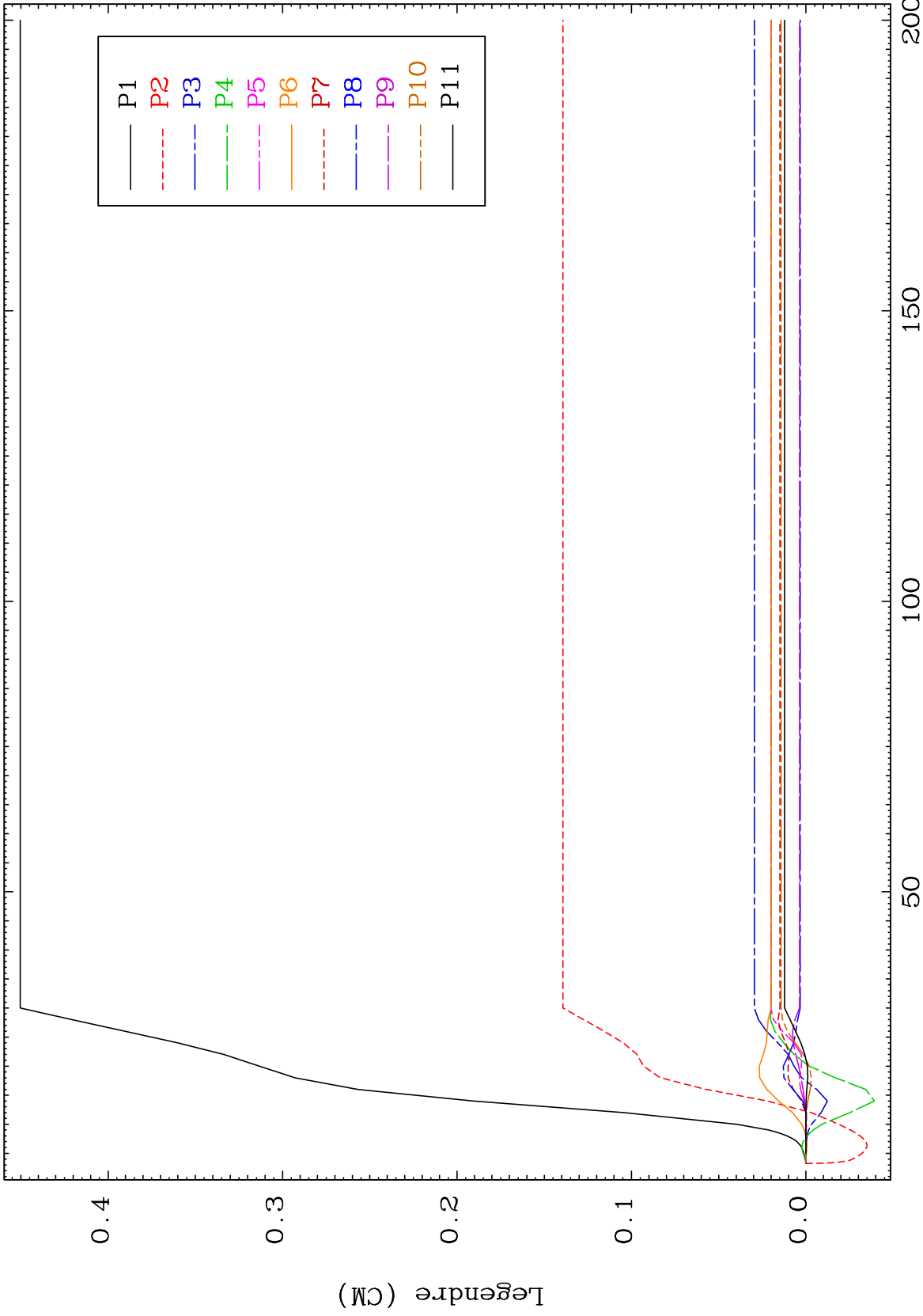
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



39

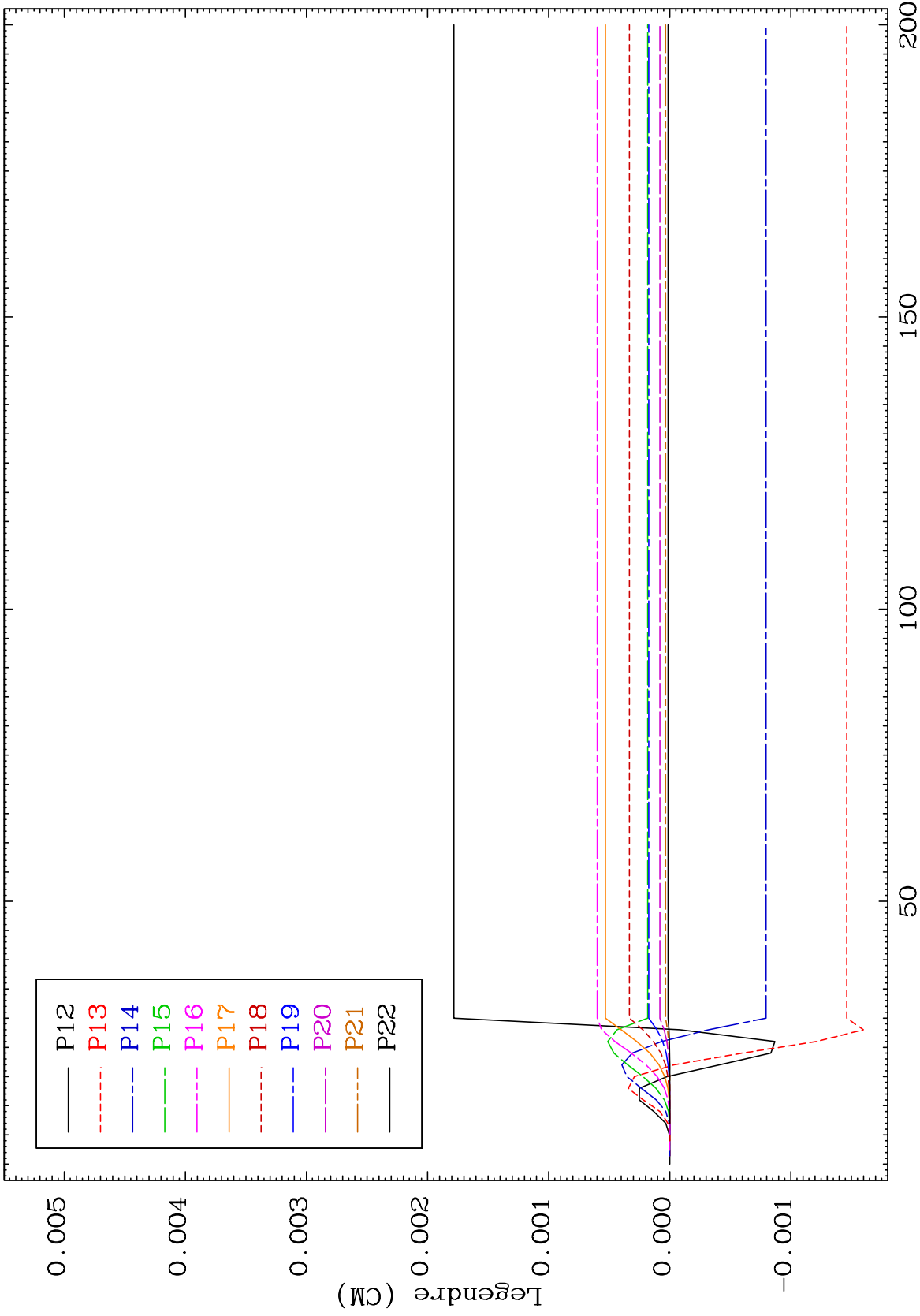
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



40

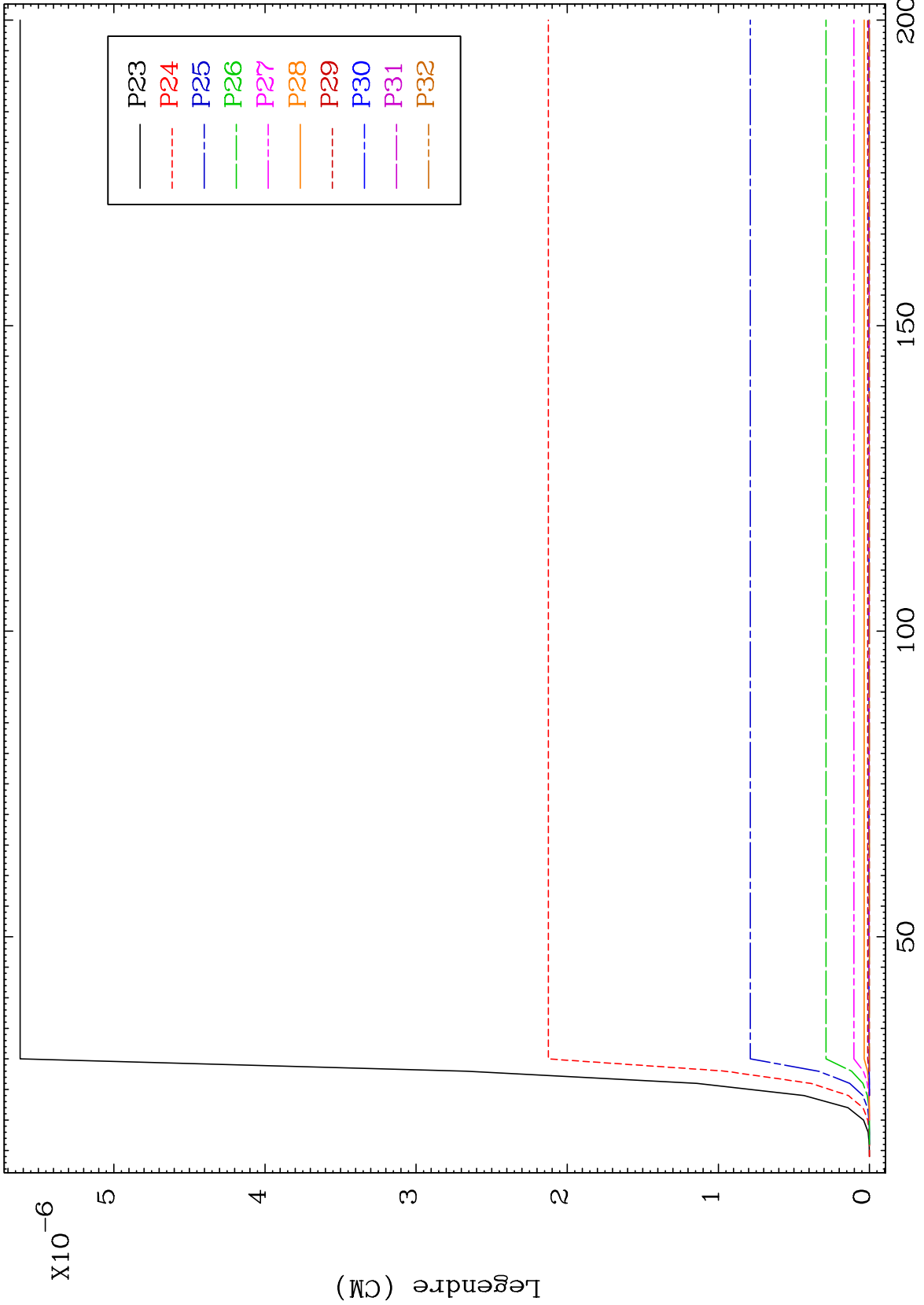
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62

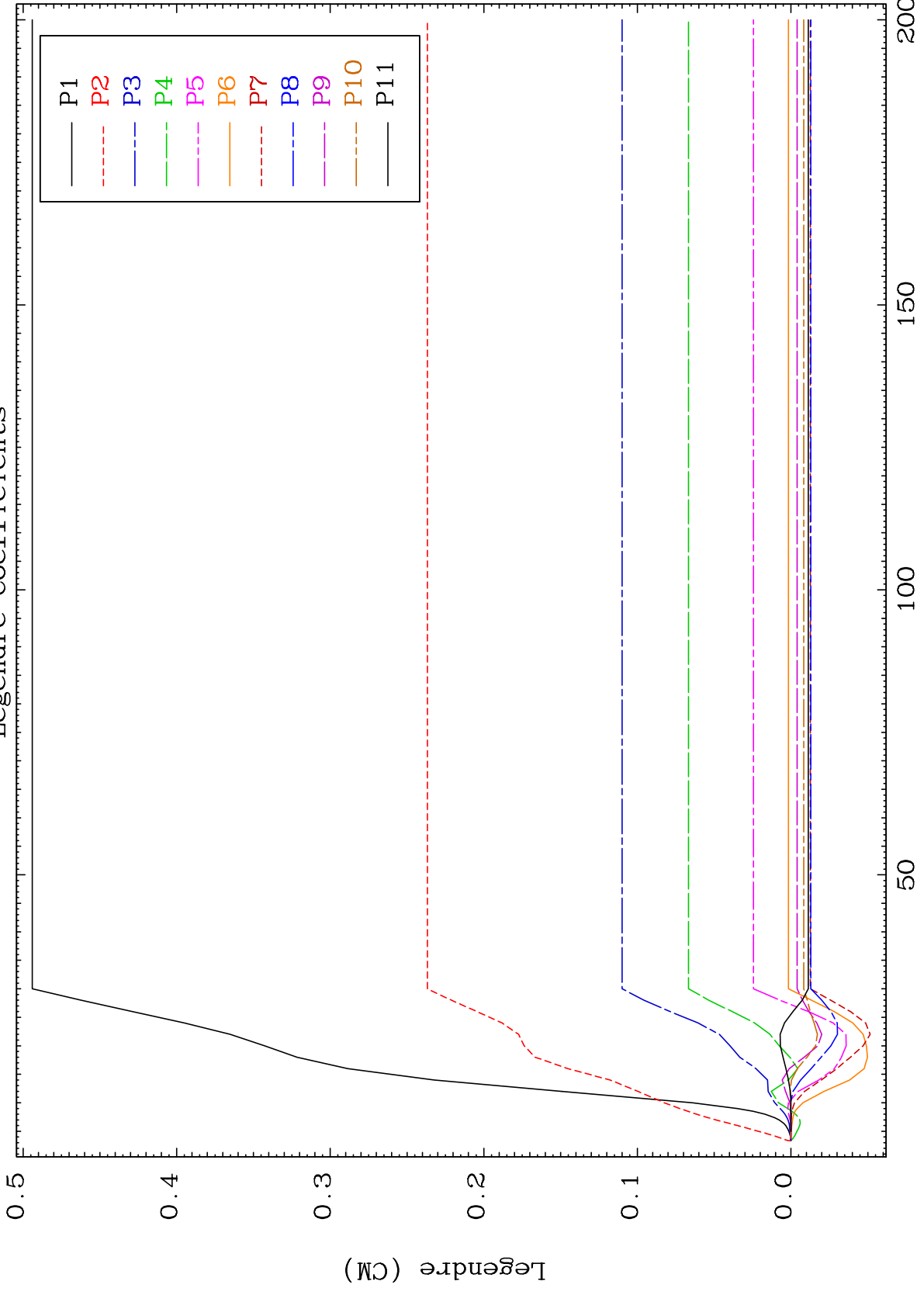


41

Incident Energy (MeV)

28-Ni-62

MAT 2837 MT= 59 (n,n') Level Legendre Coefficients 28-Ni-62

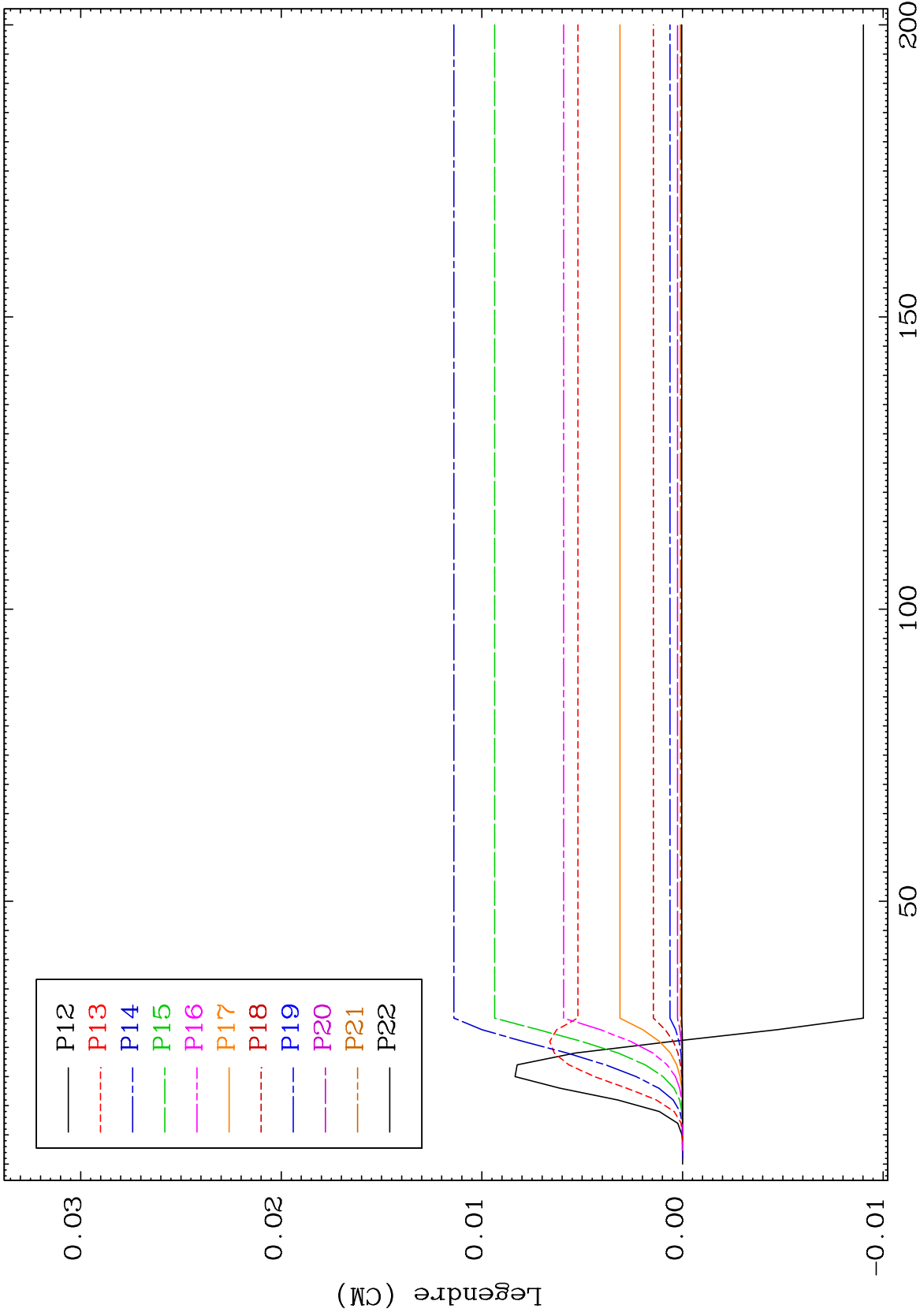


42 Incident Energy (MeV) 28-Ni-62

MAT 2837

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

28-Ni-62



43

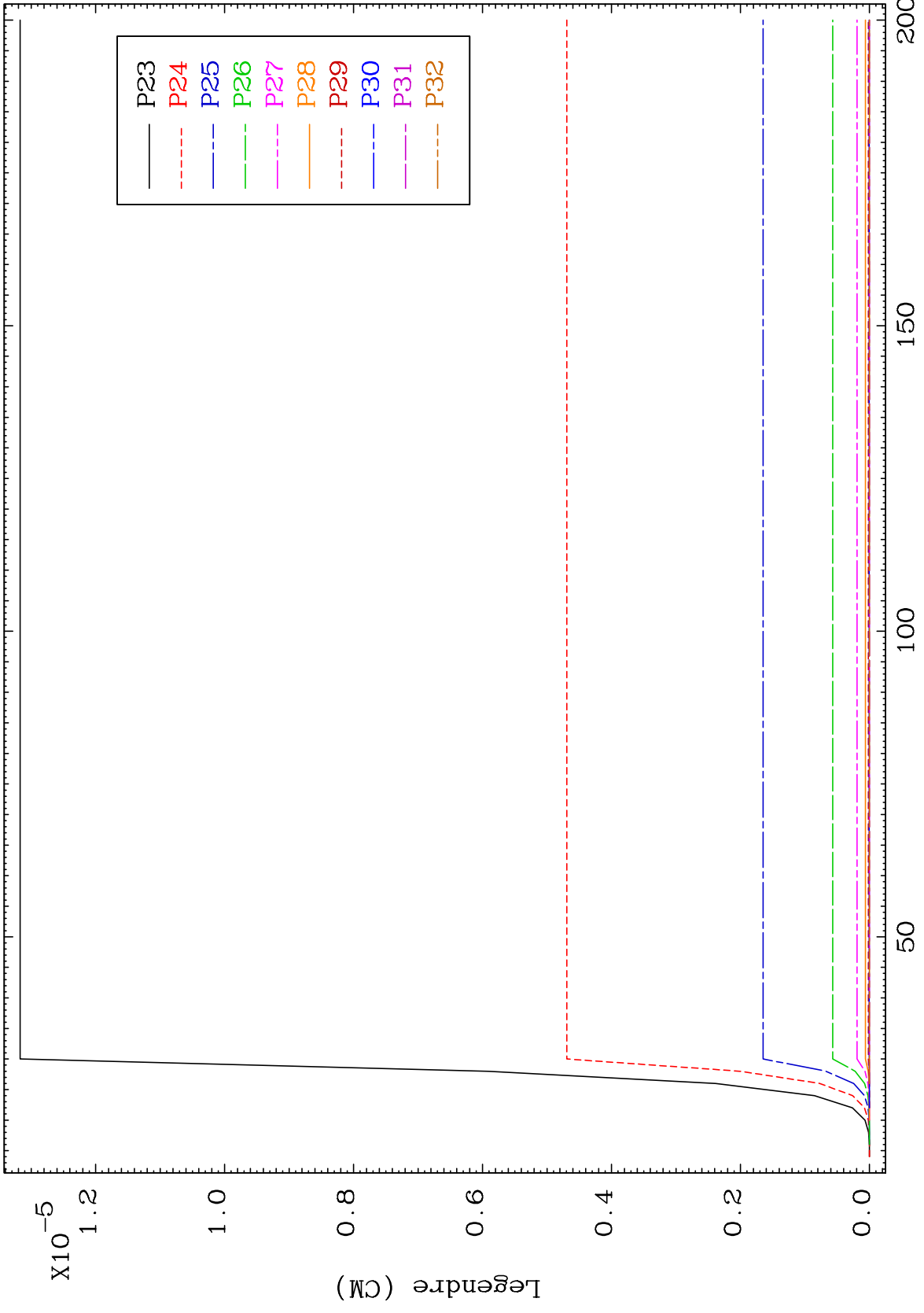
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62

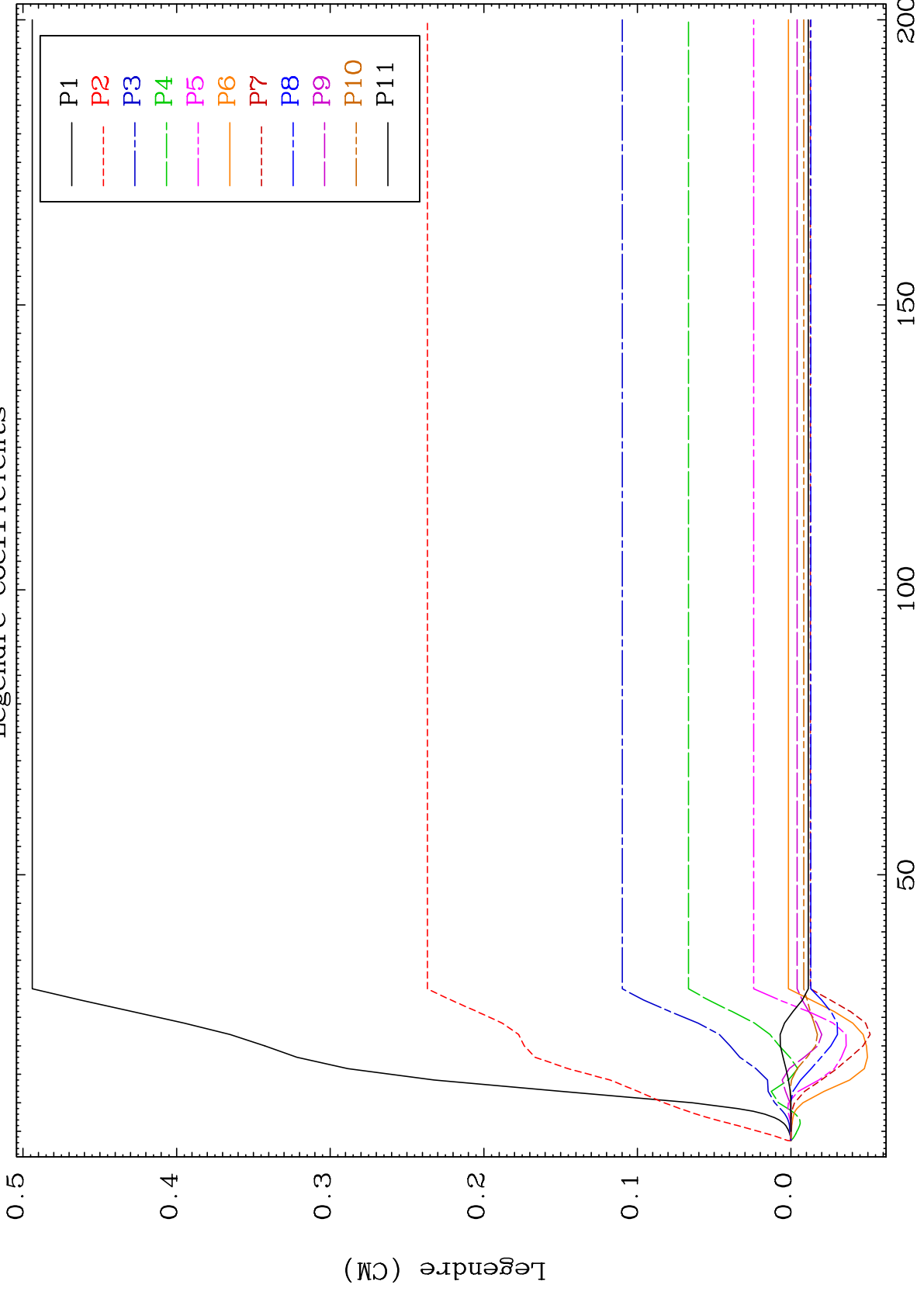


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Incident Energy (MeV)

28-Ni-62

MAT 2837 MT= 60 (n,n') Level Legendre Coefficients 28-Ni-62

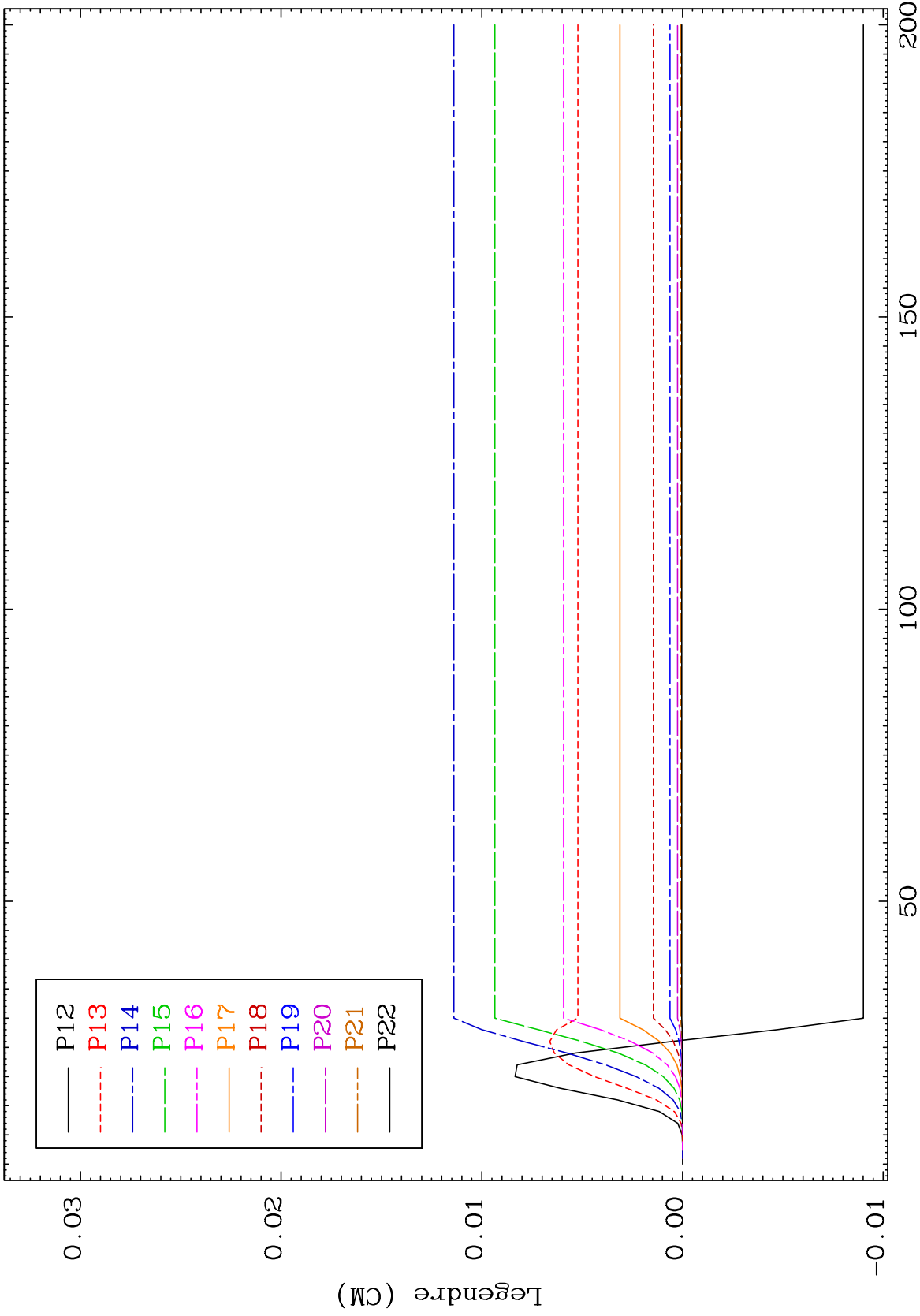


45 50 100 150 200 28-Ni-62

MAT 2837

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

28-Ni-62



46

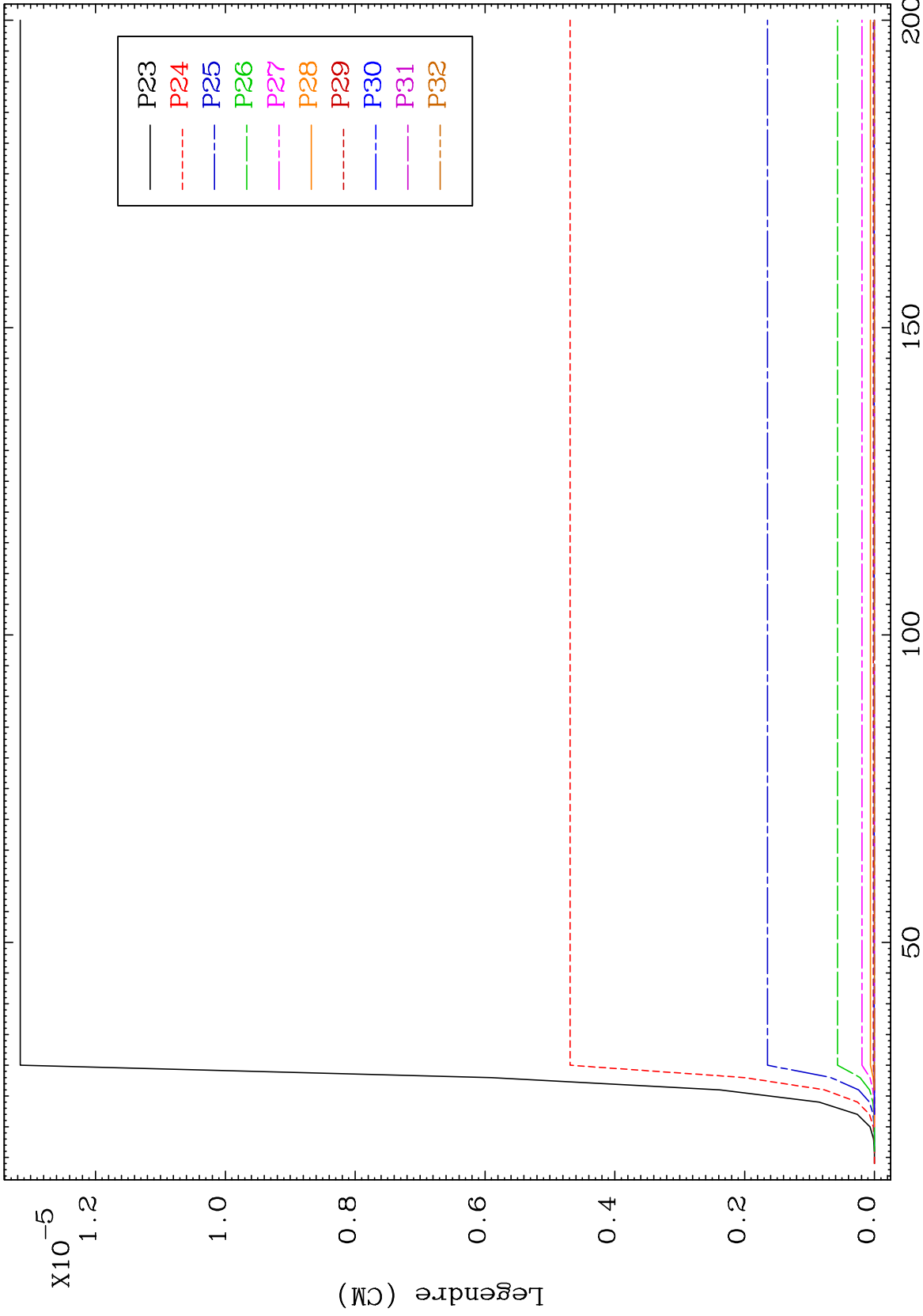
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62

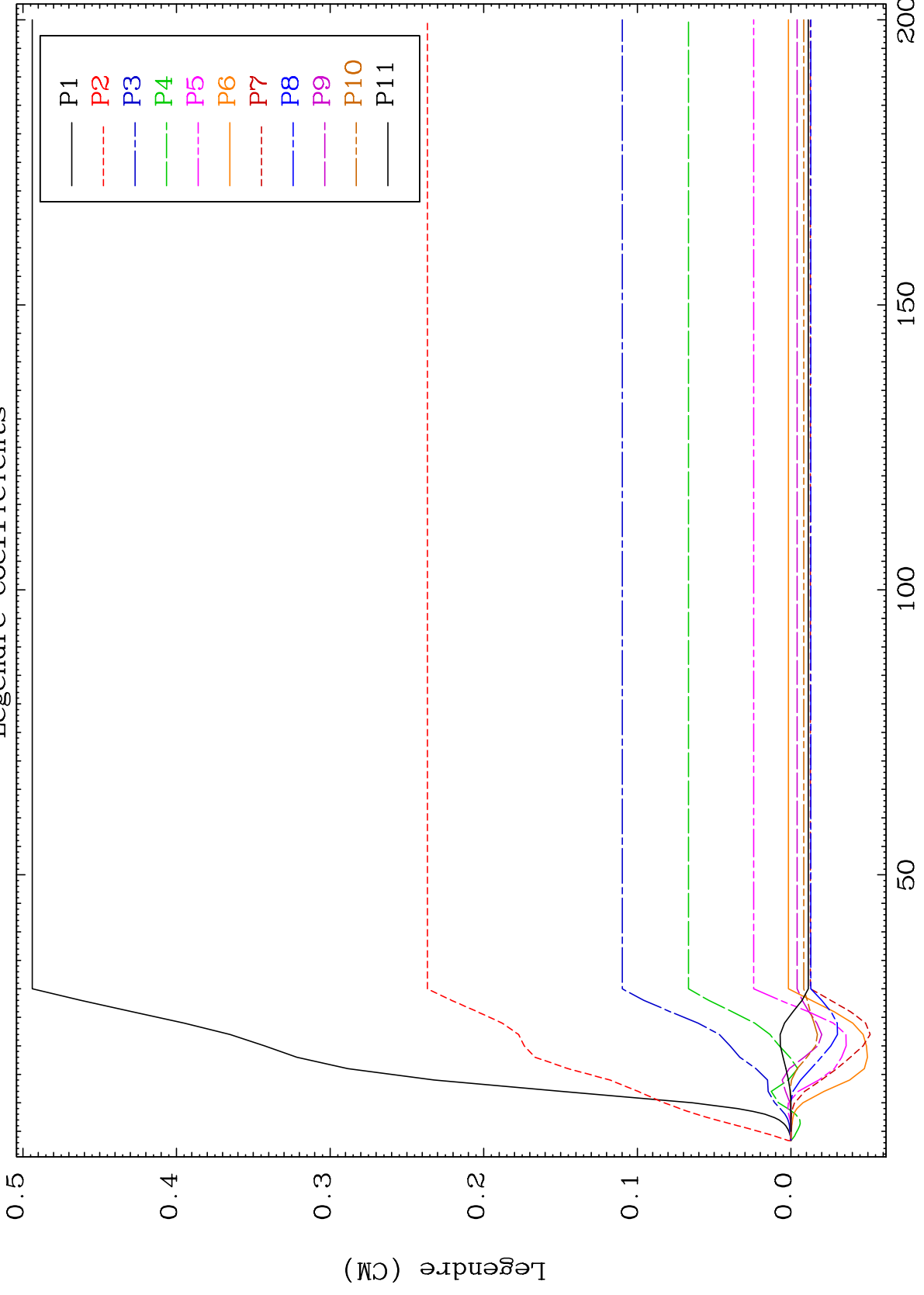


47

Incident Energy (MeV)

28-Ni-62

MAT 2837 MT= 61 (n,n') Level Legendre Coefficients 28-Ni-62

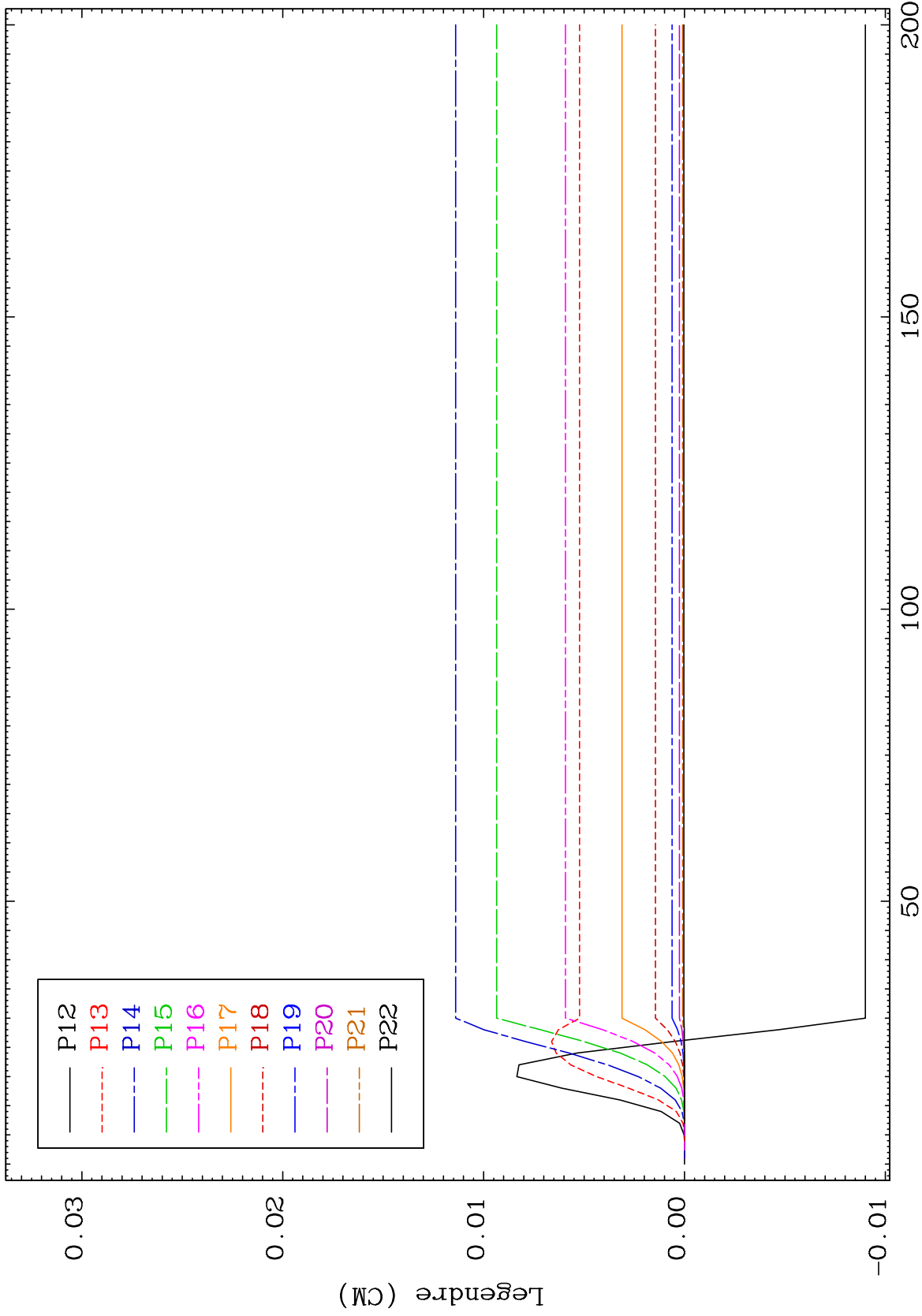


48 Incident Energy (MeV) 28-Ni-62

MAT 2837

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

28-Ni-62



49

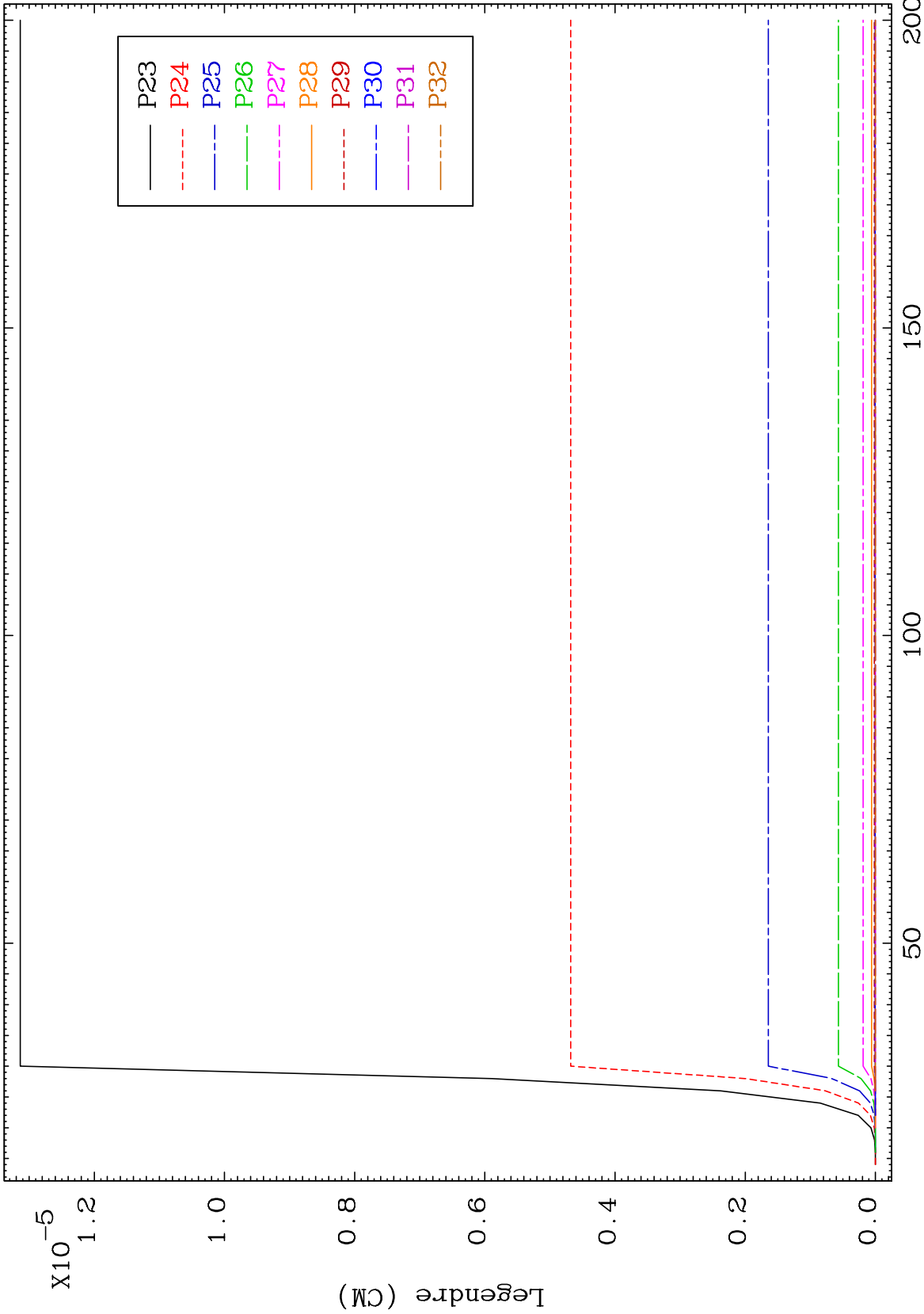
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



50

50

100

150

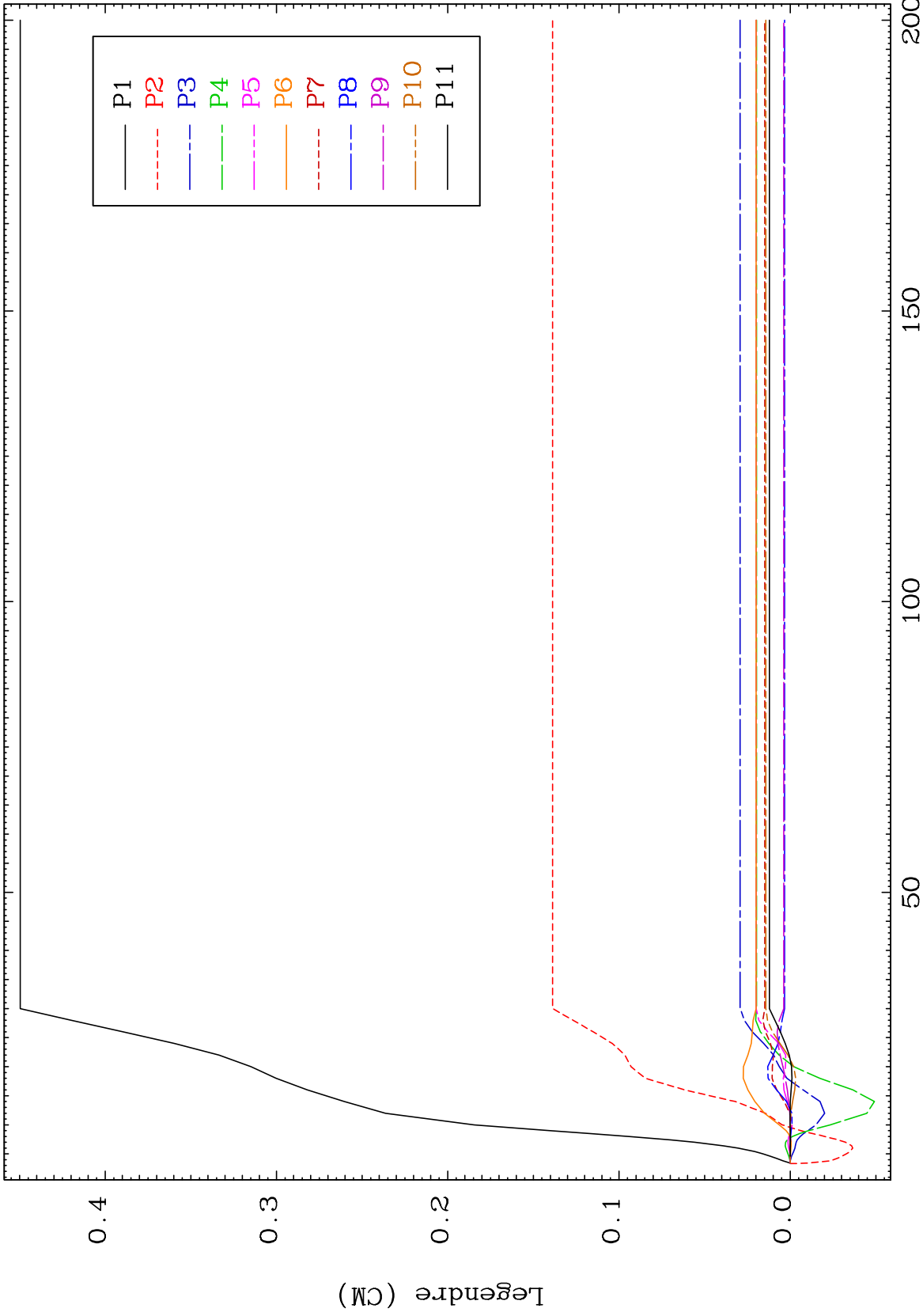
200

28-Ni-62

MAT 2837

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

28-Ni-62



51

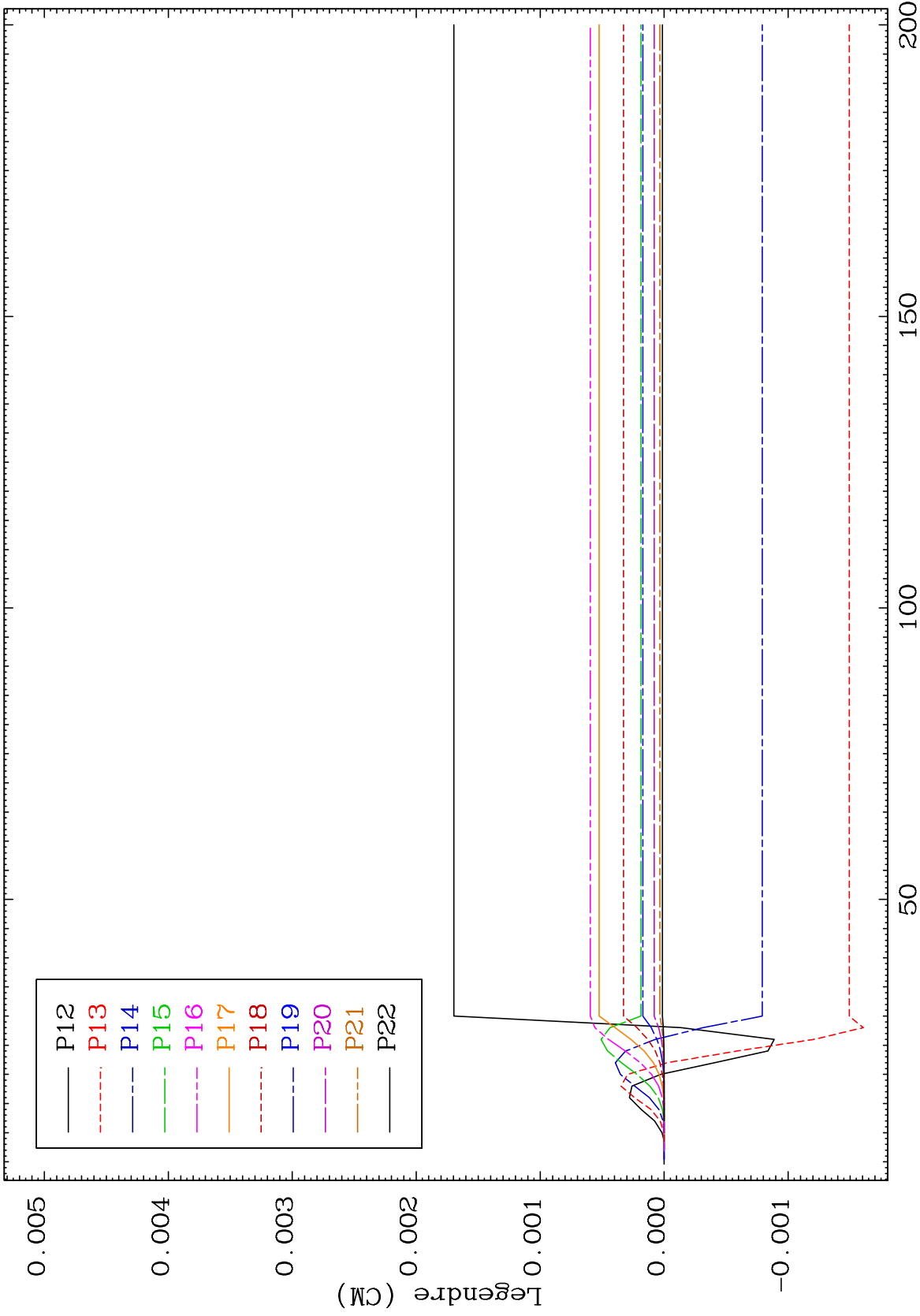
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



52

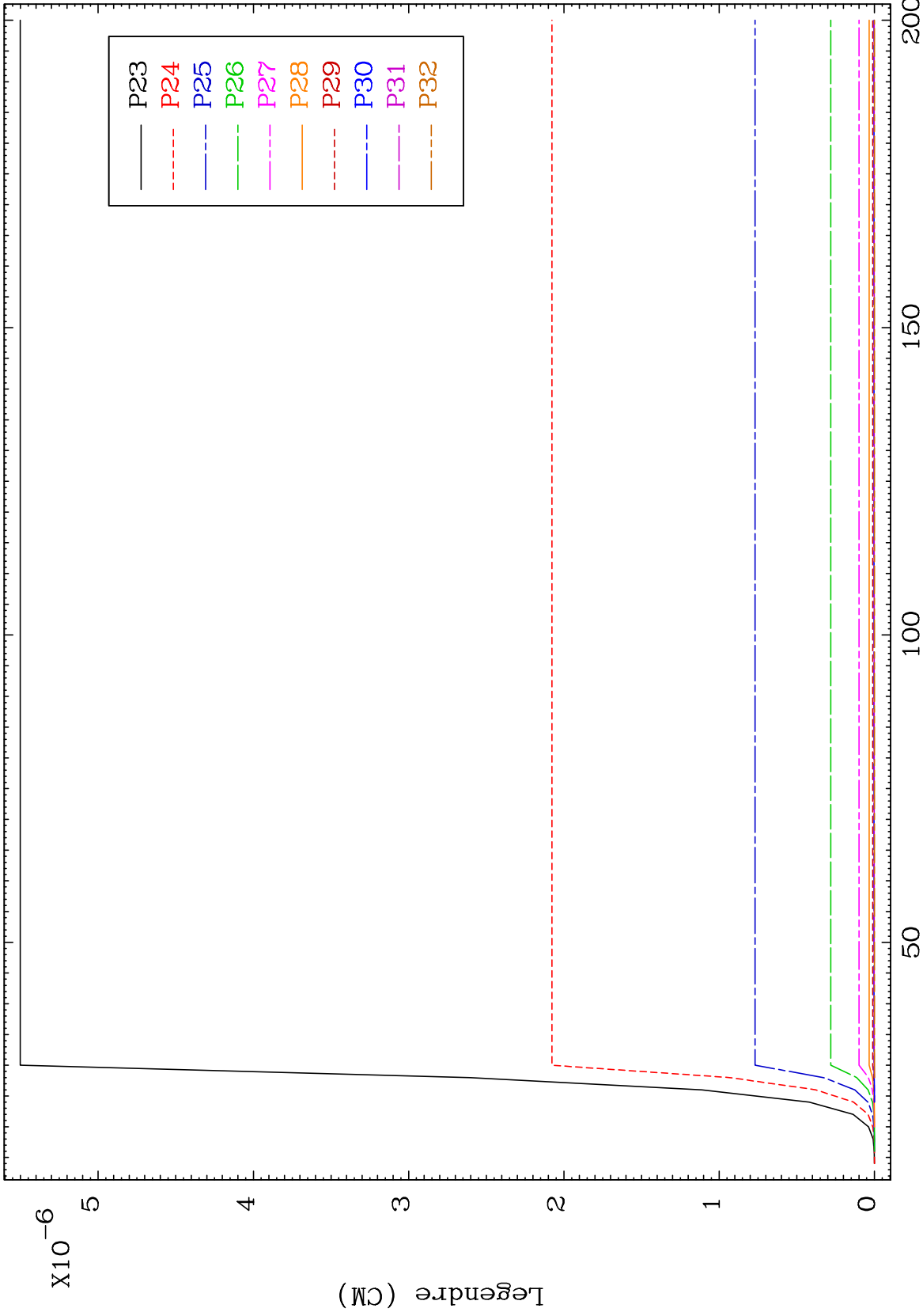
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



53

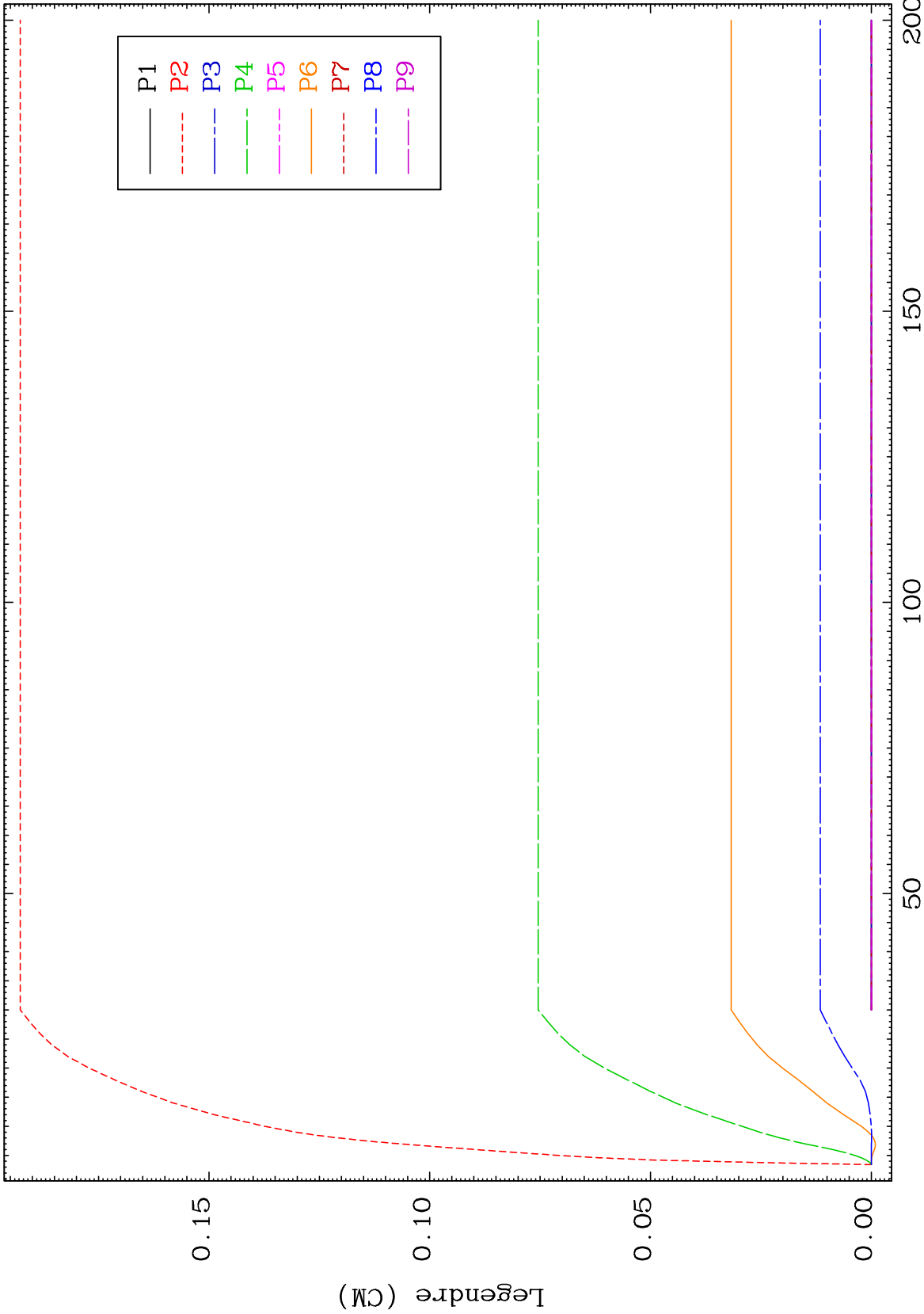
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



54

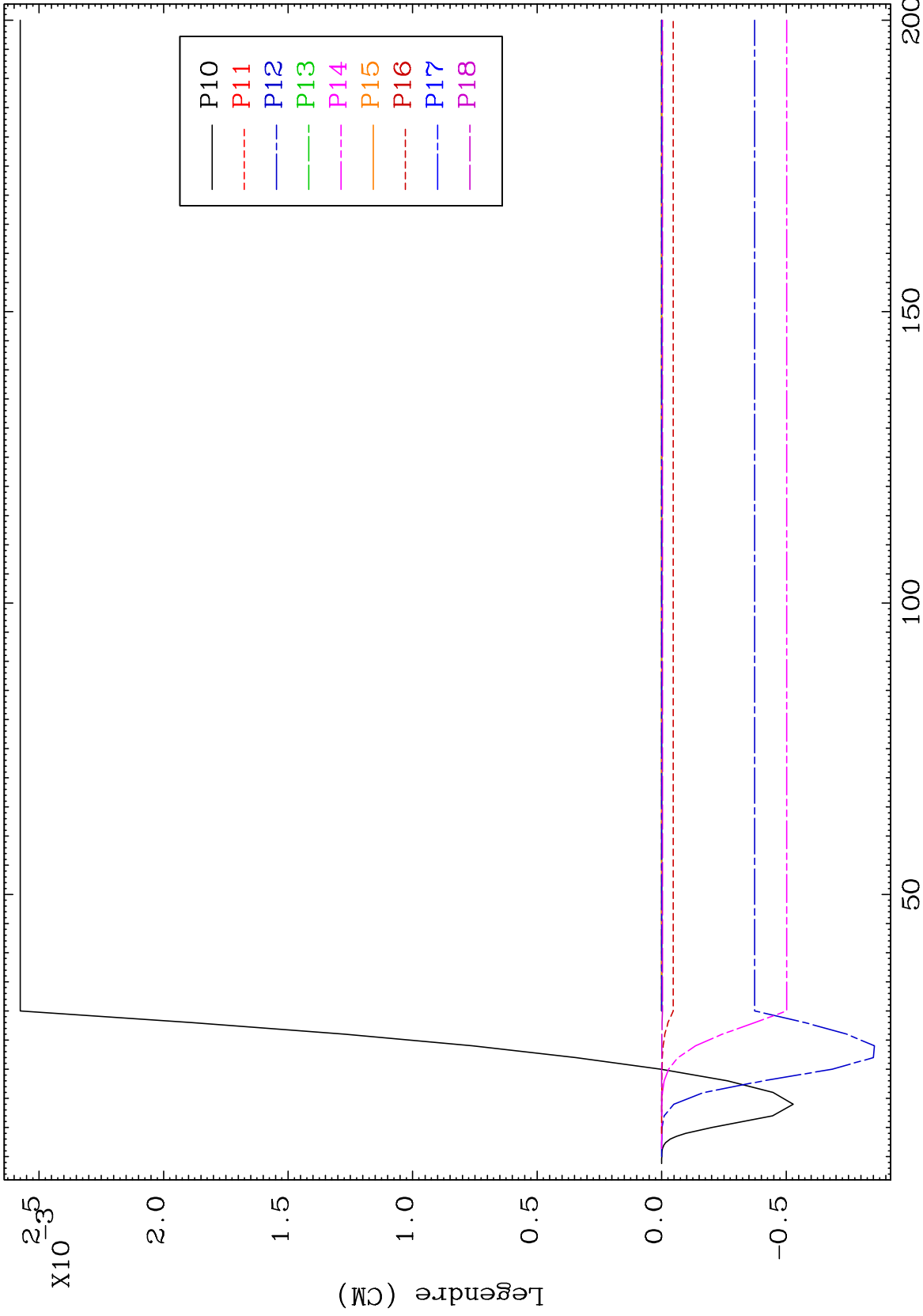
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



55

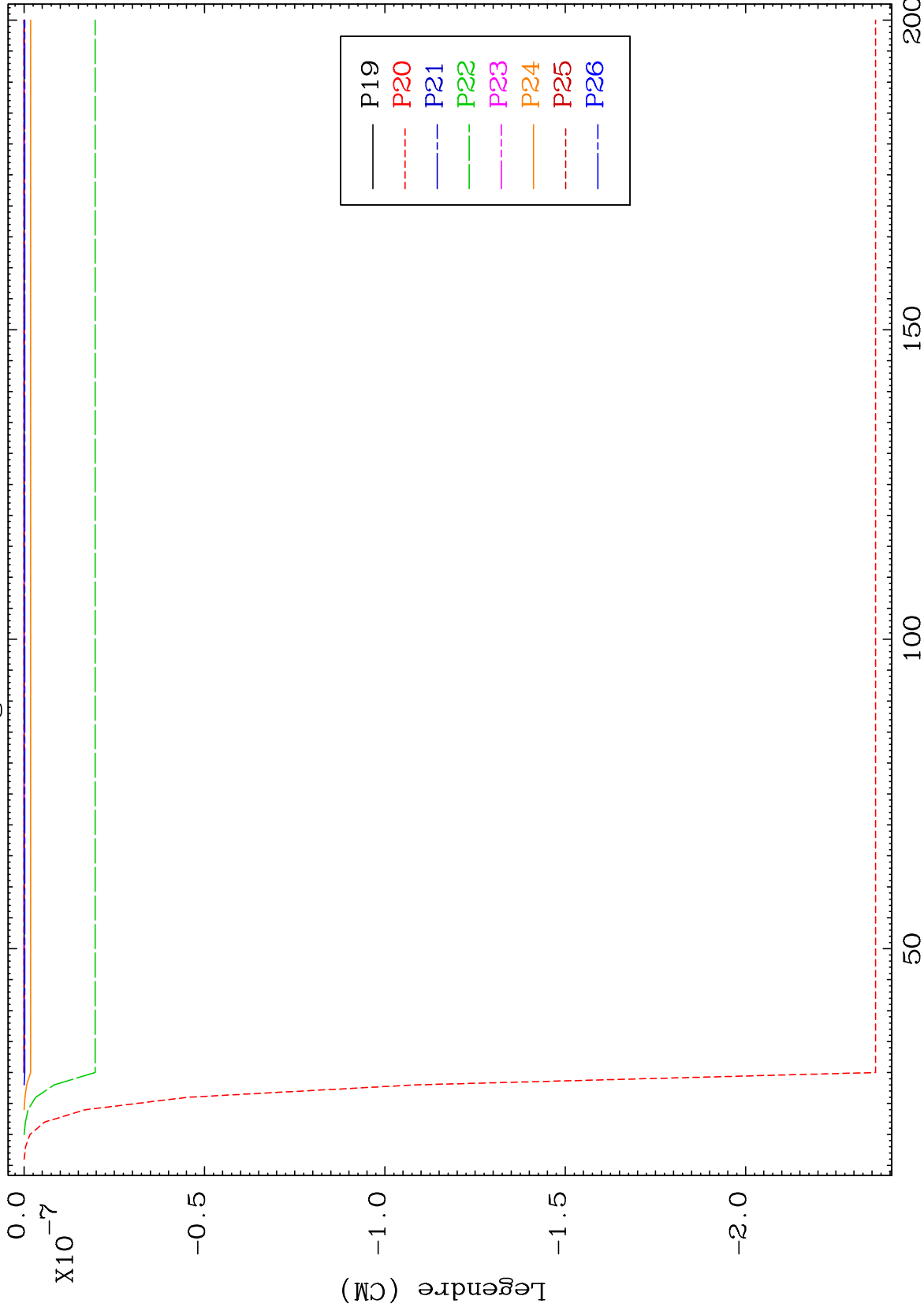
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



56

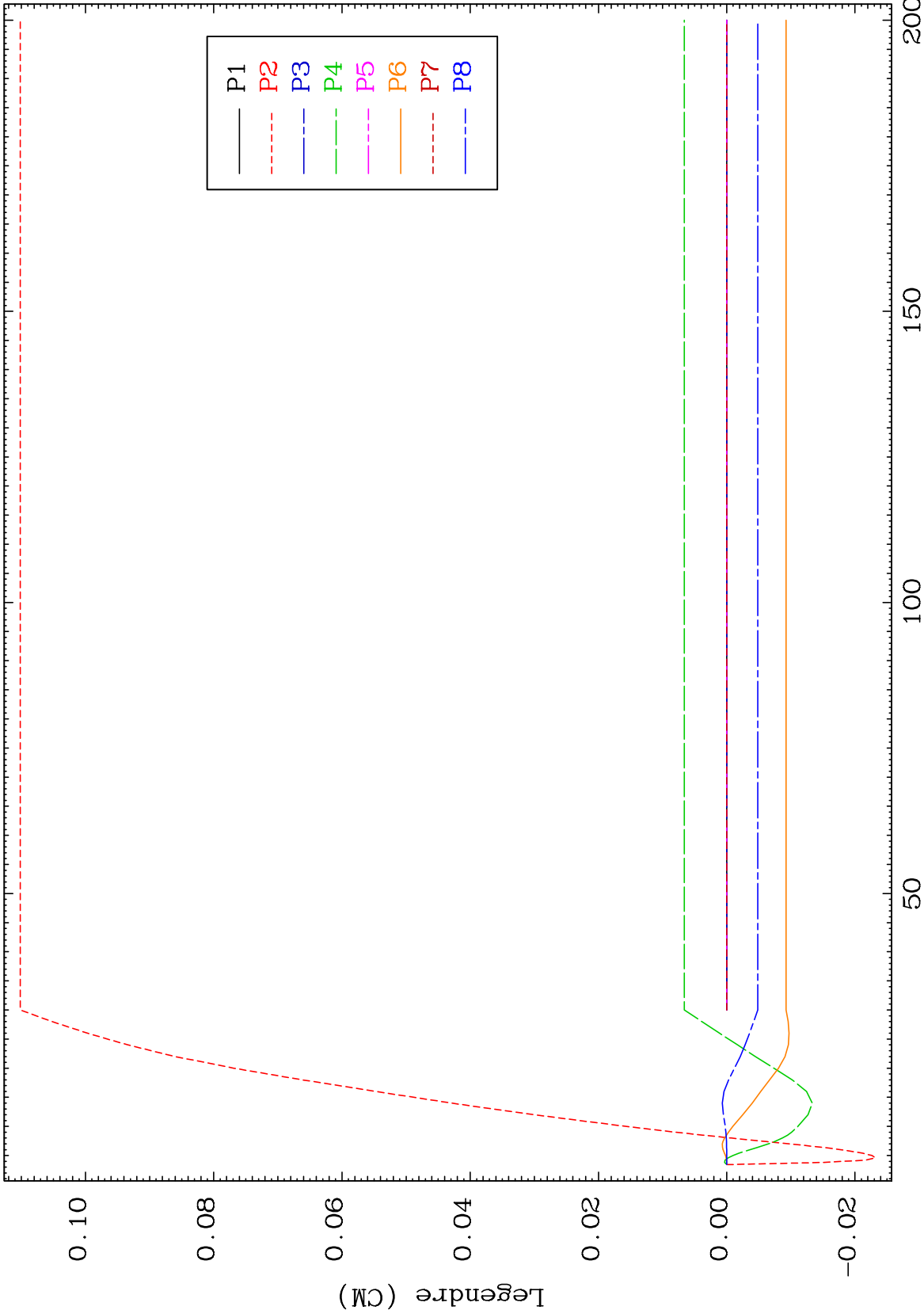
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



57

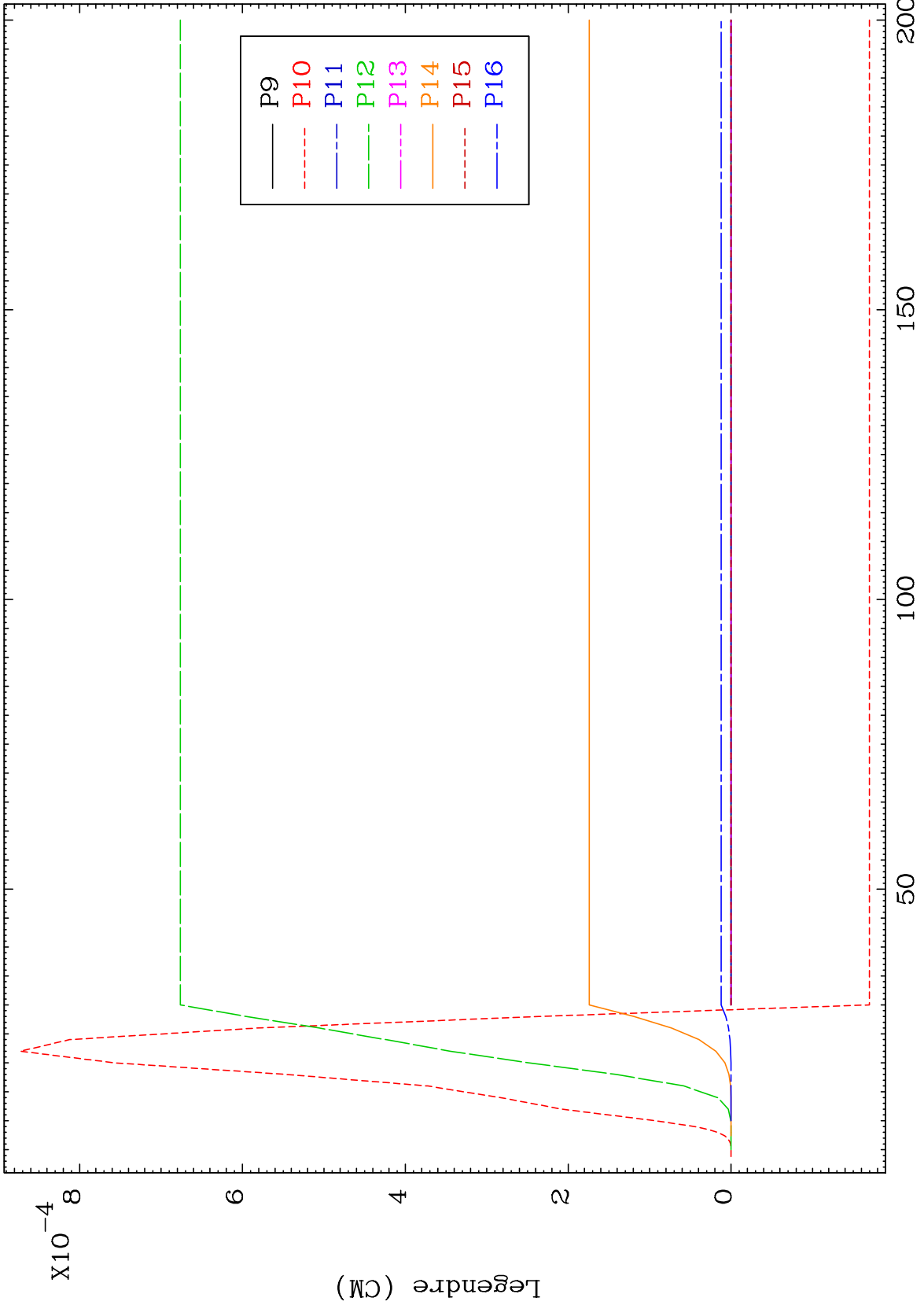
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



58

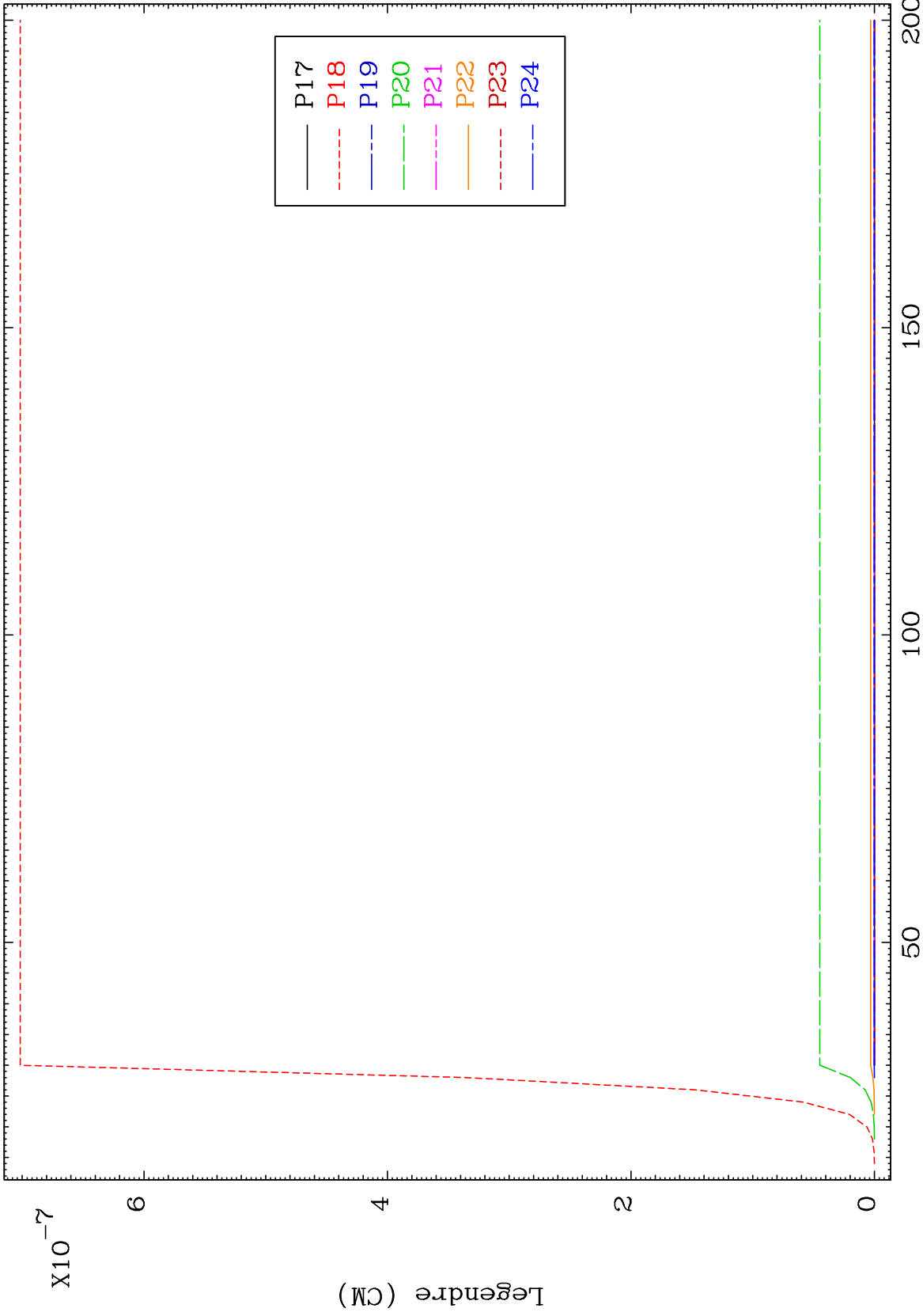
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



59

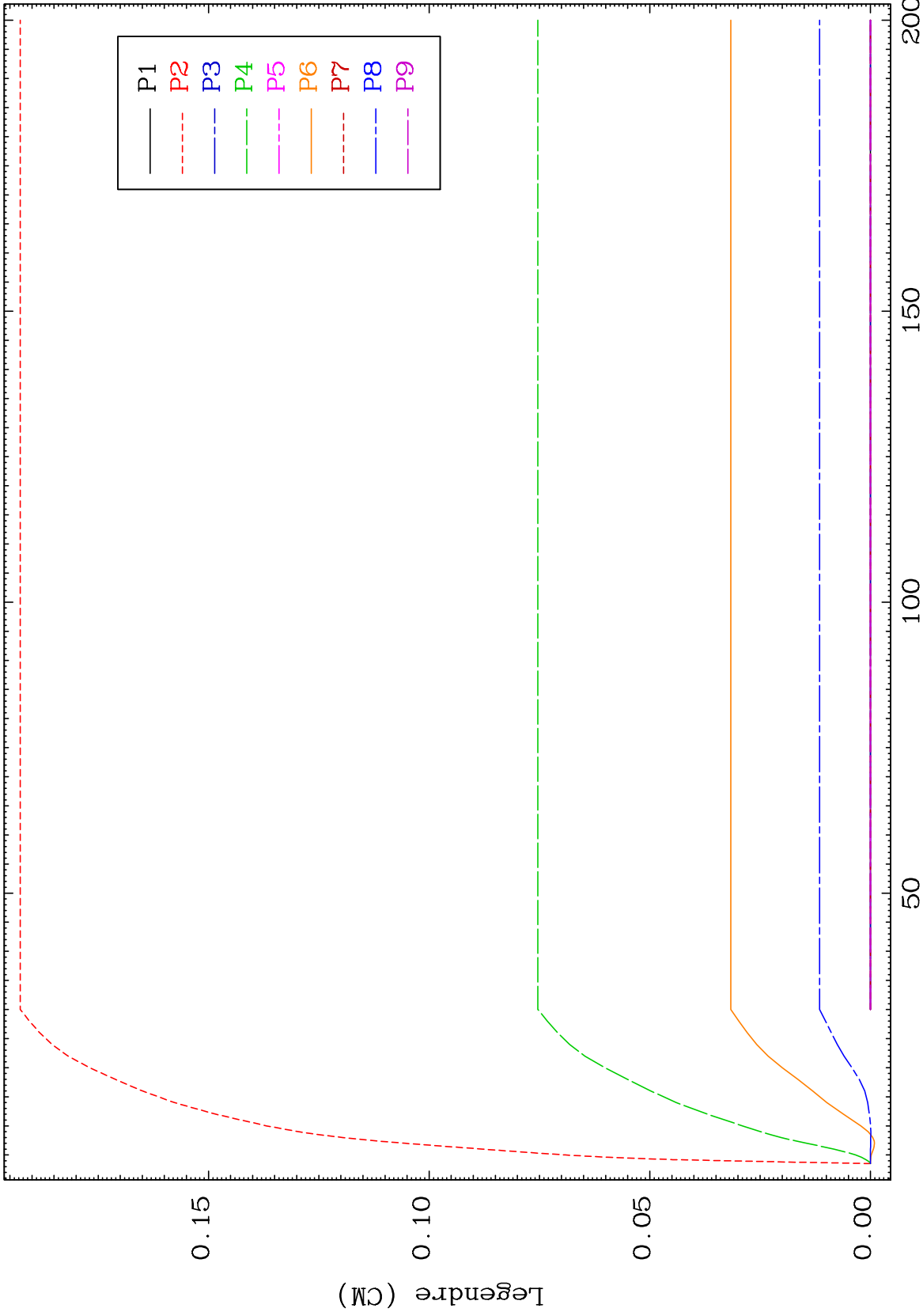
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



60

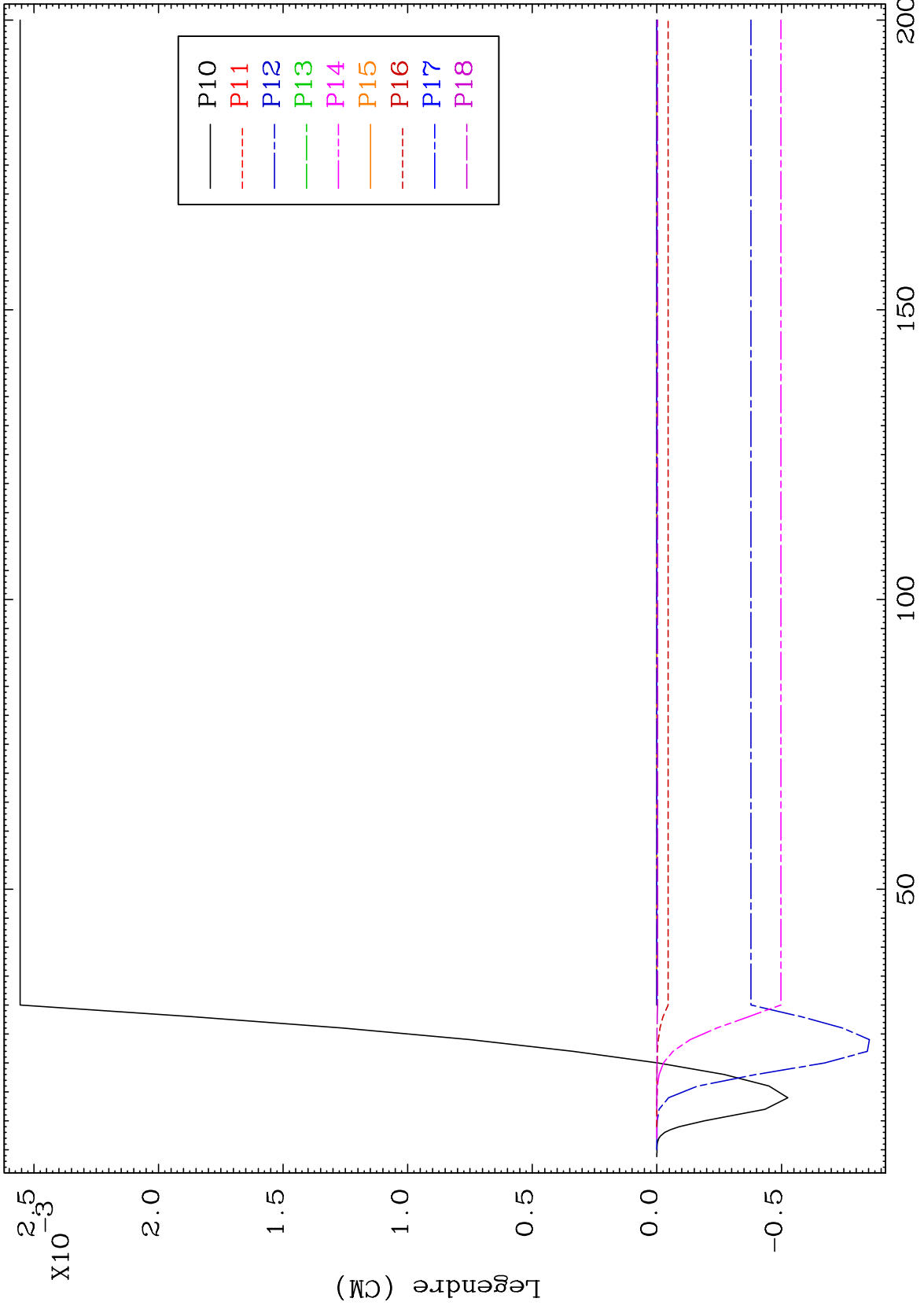
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



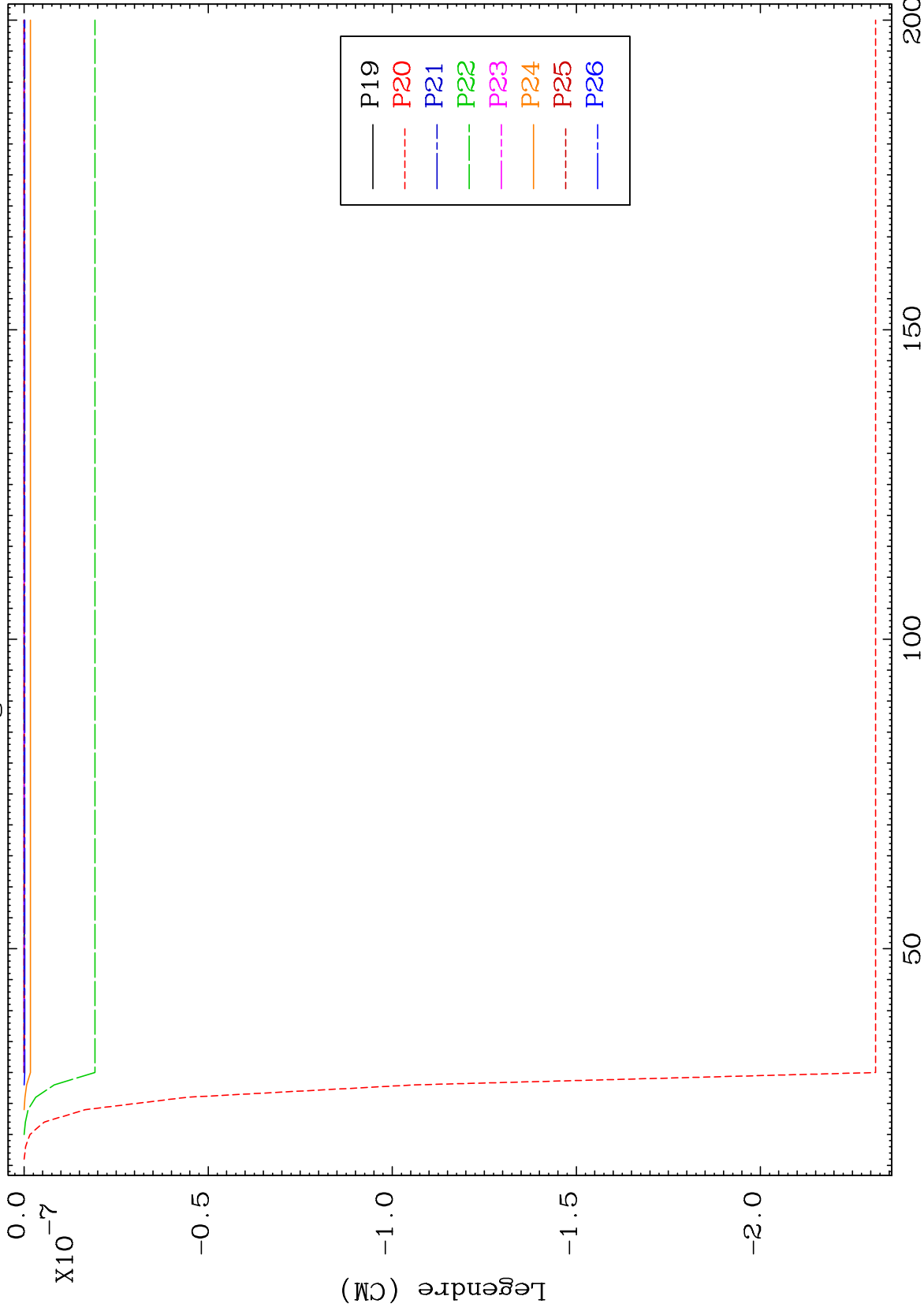
61

28-Ni-62

MAT 2837

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

28-Ni-62



62

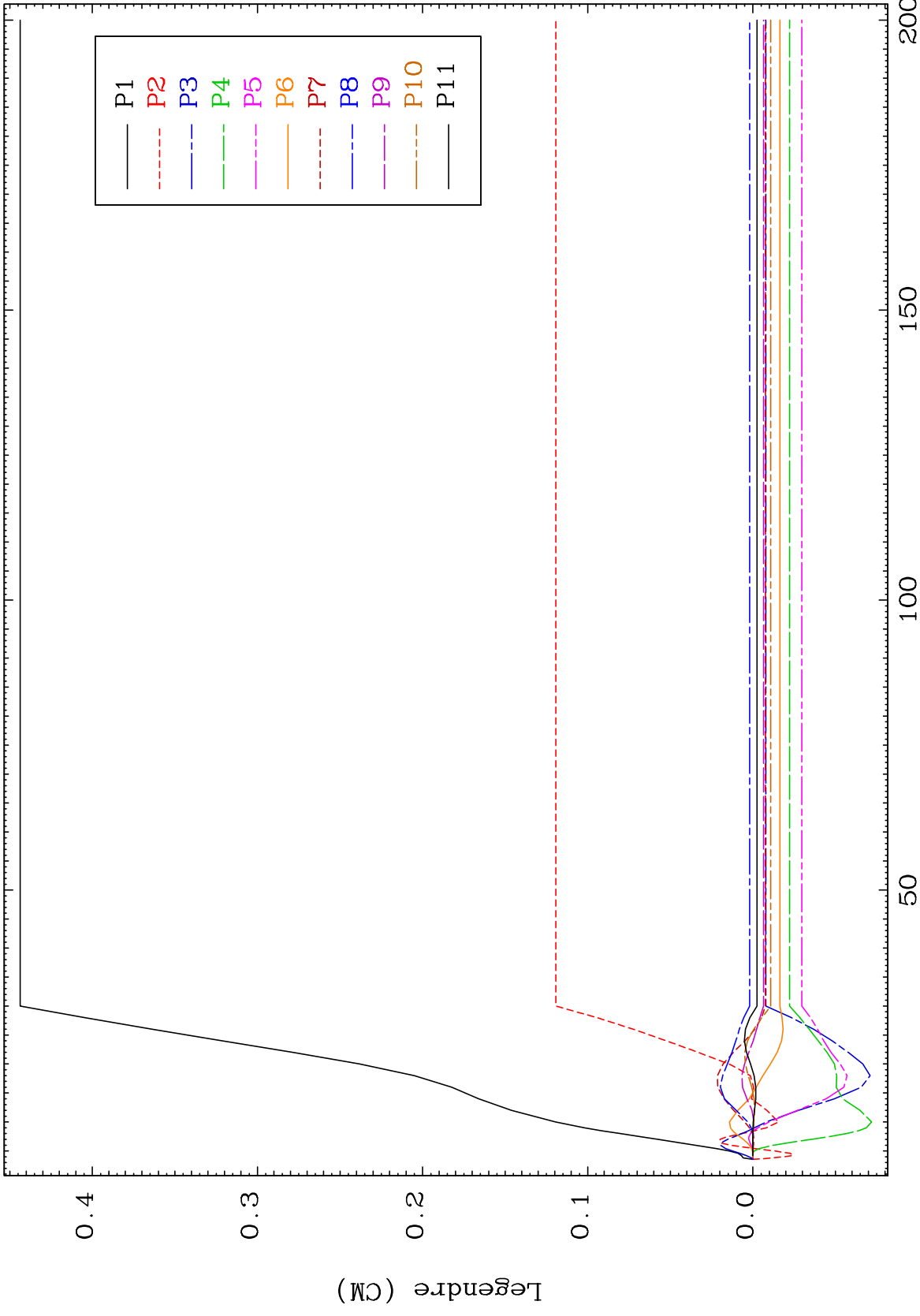
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



63

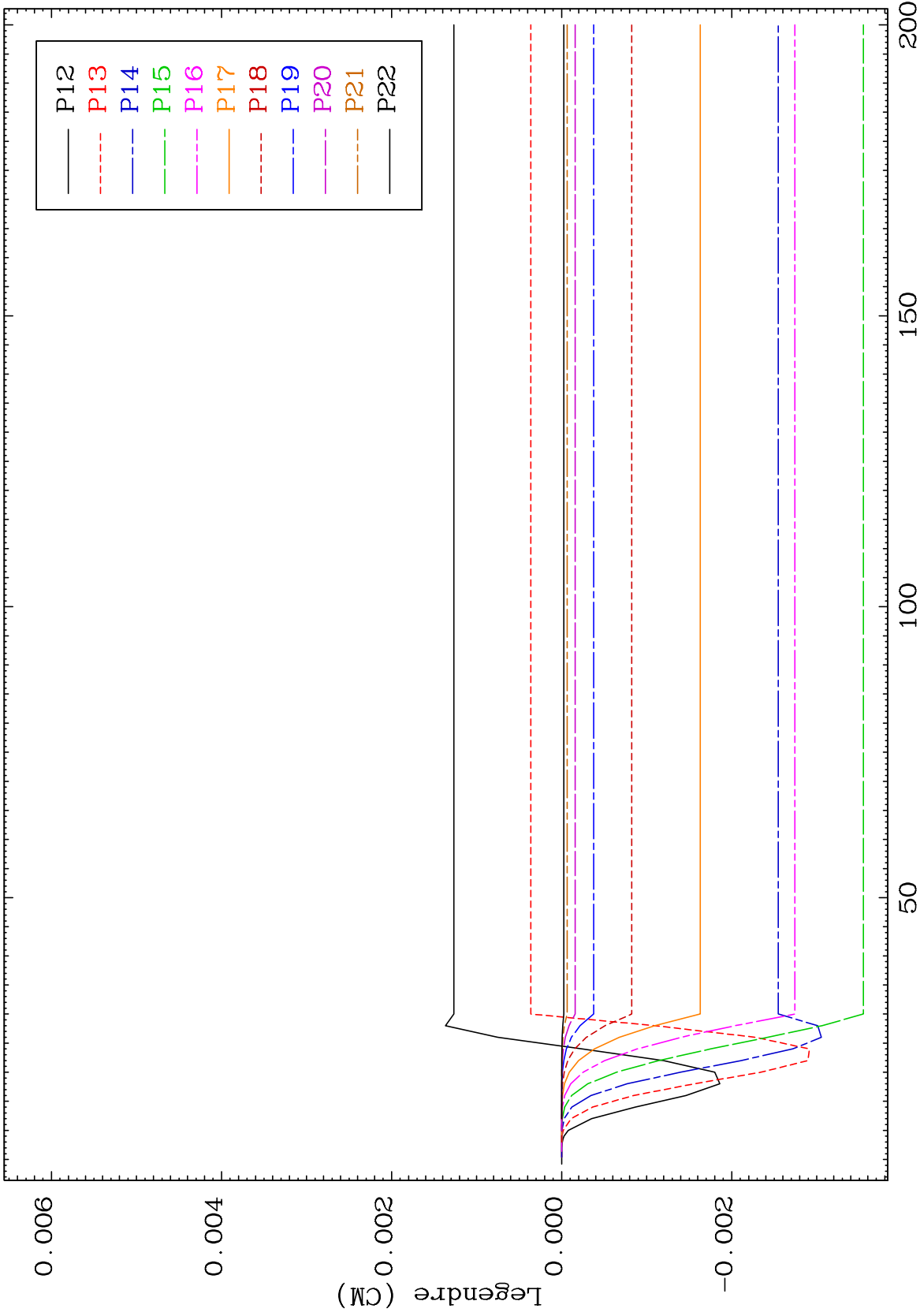
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



64

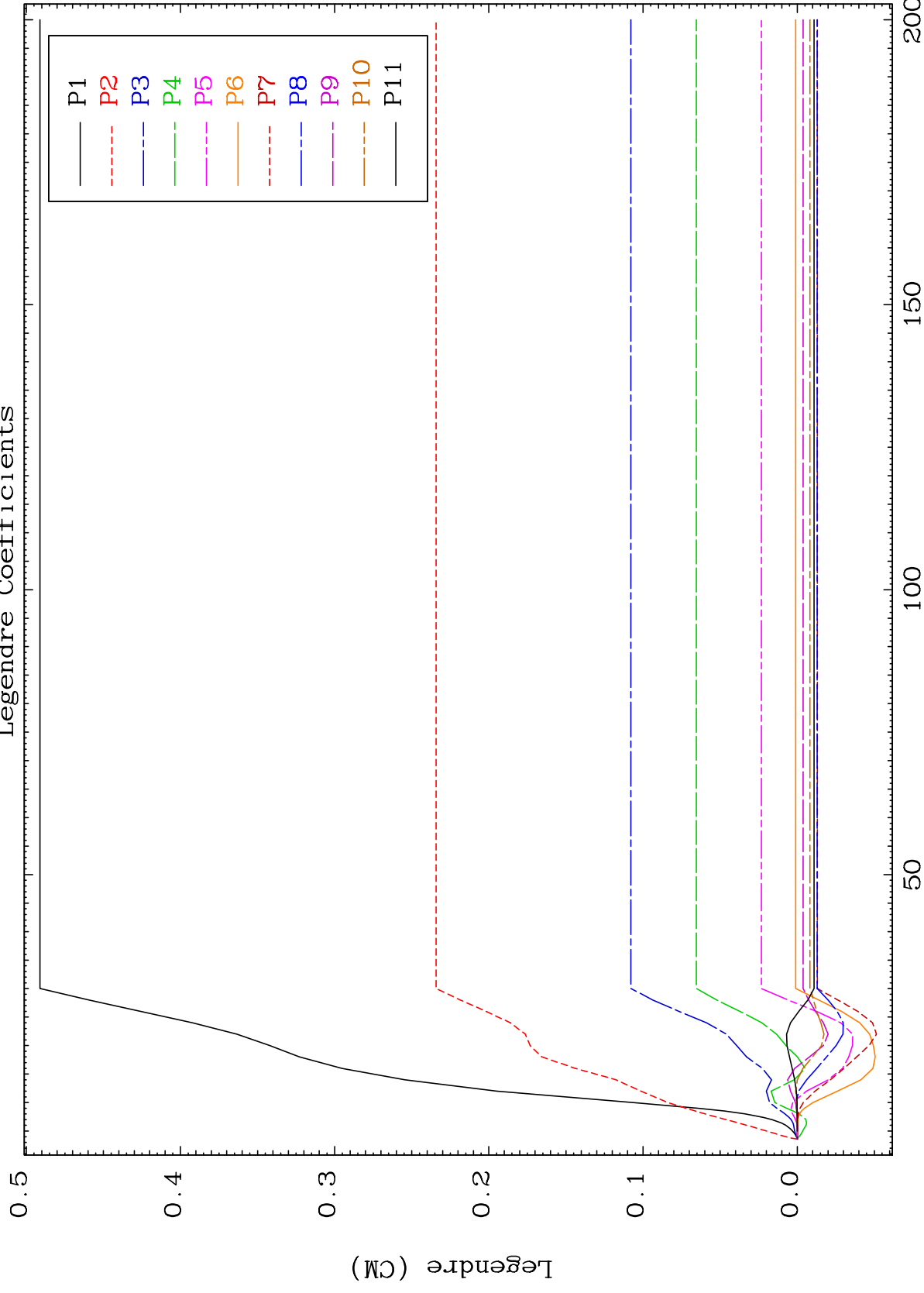
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



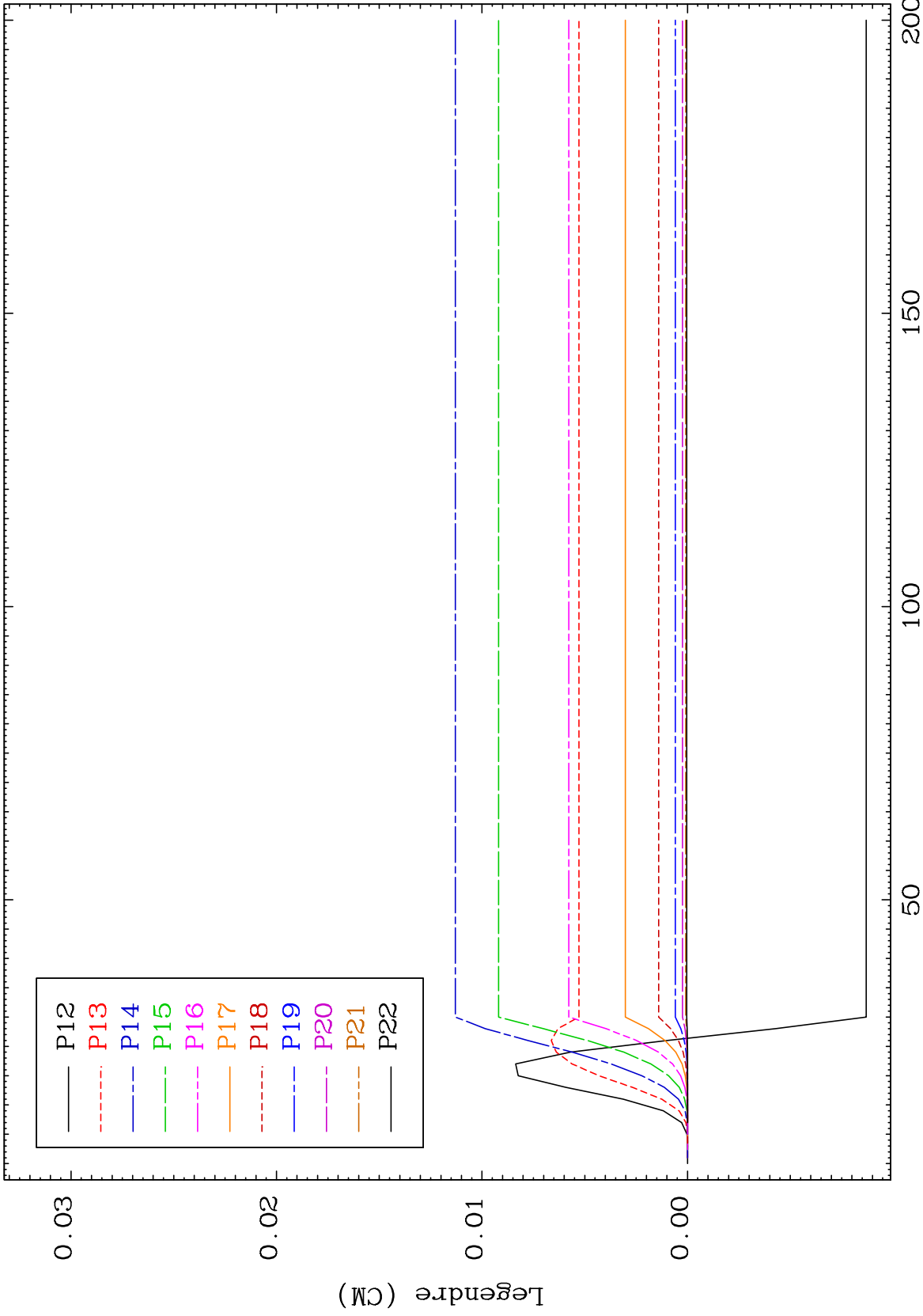
66

28-Ni-62

MAT 2837

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

28-Ni-62



67

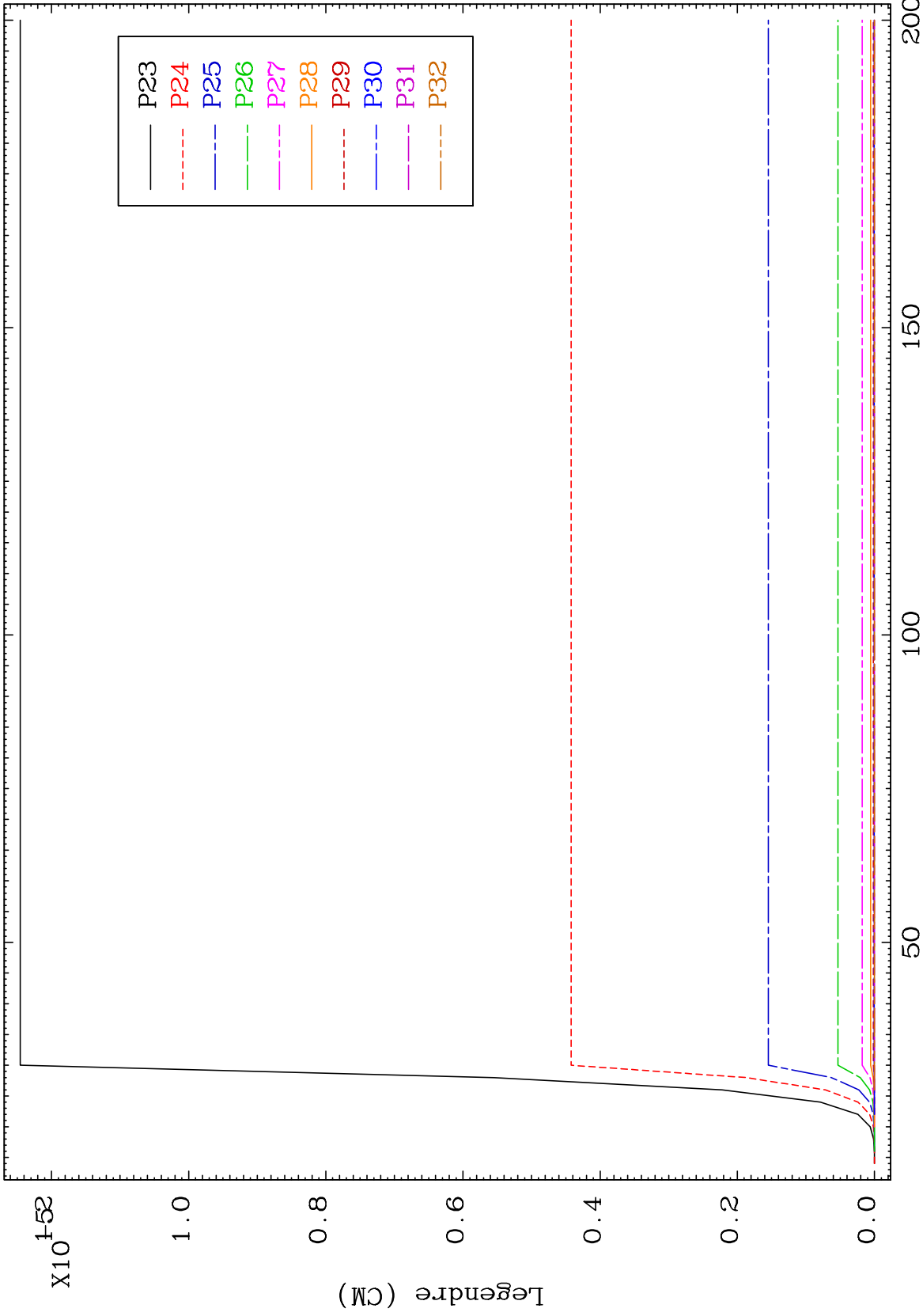
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



68

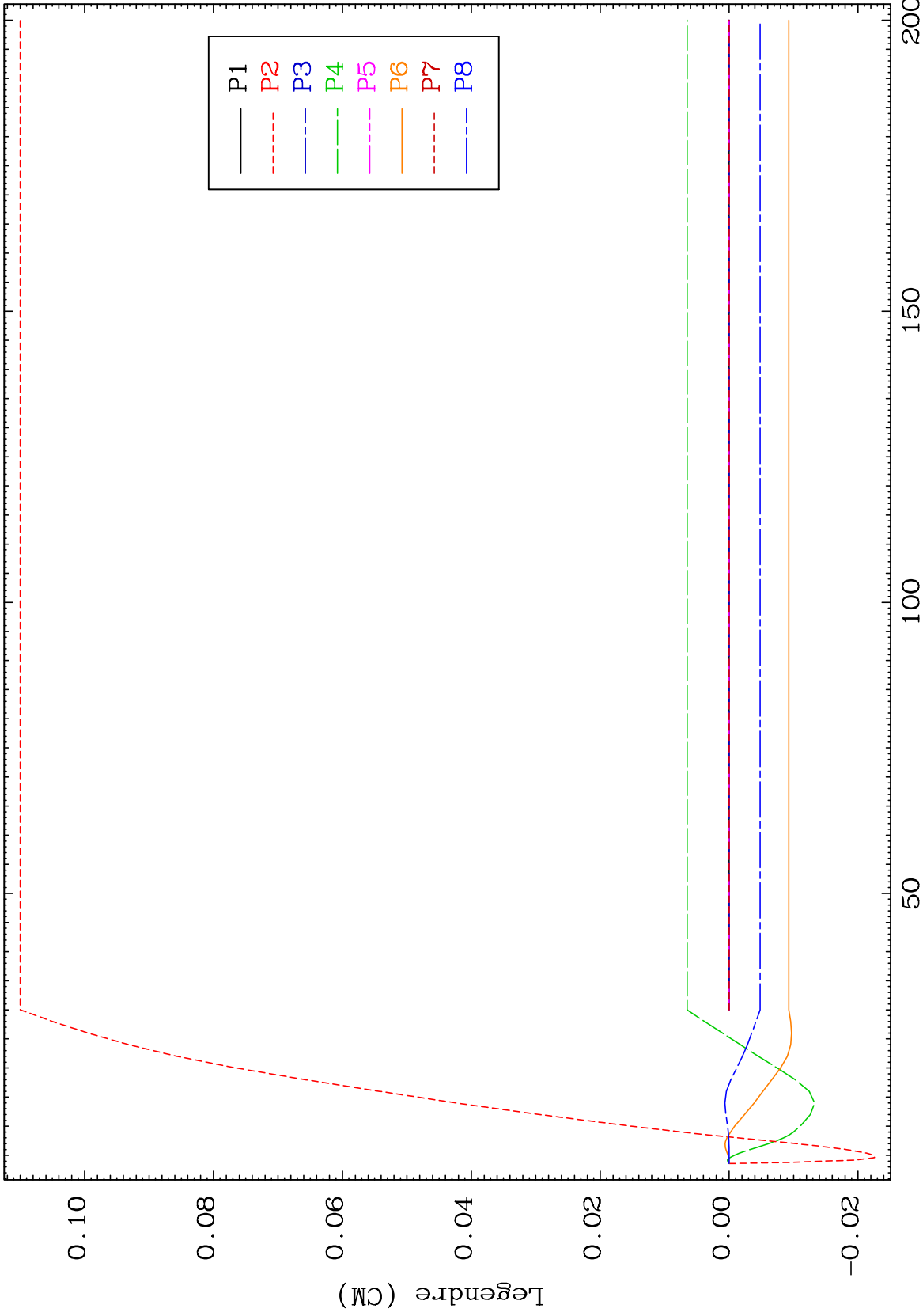
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



69

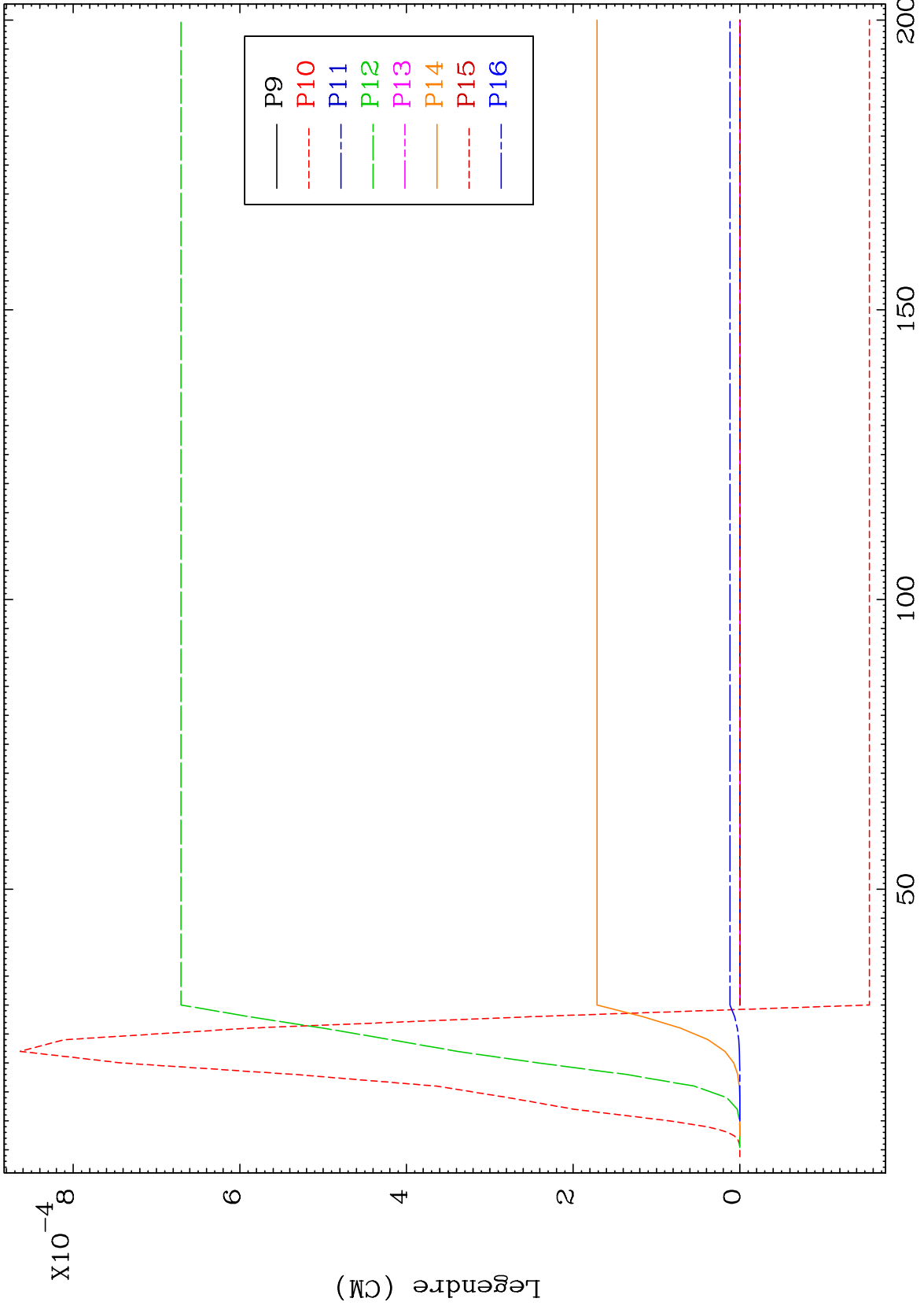
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



70

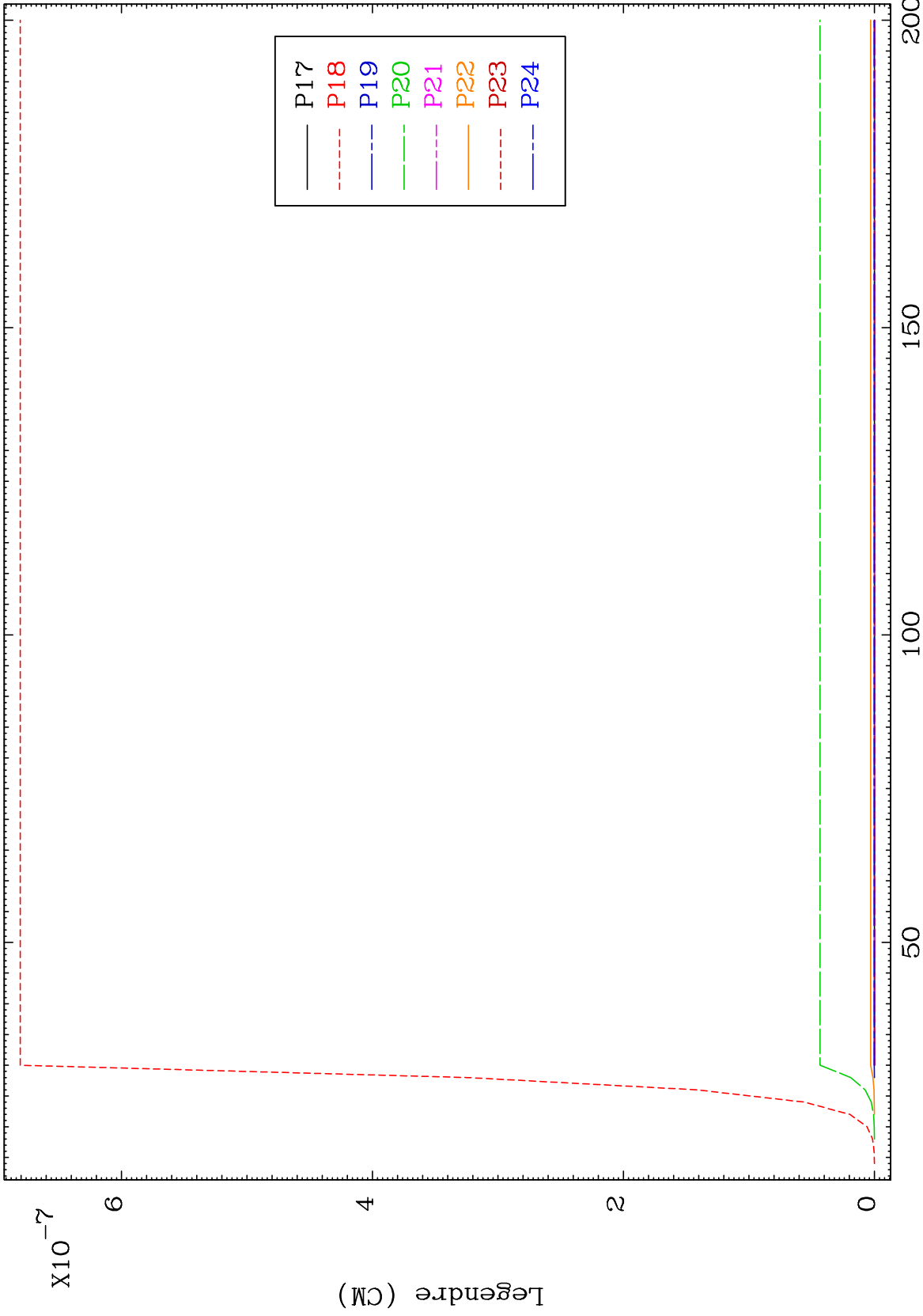
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



71

Incident Energy (MeV)

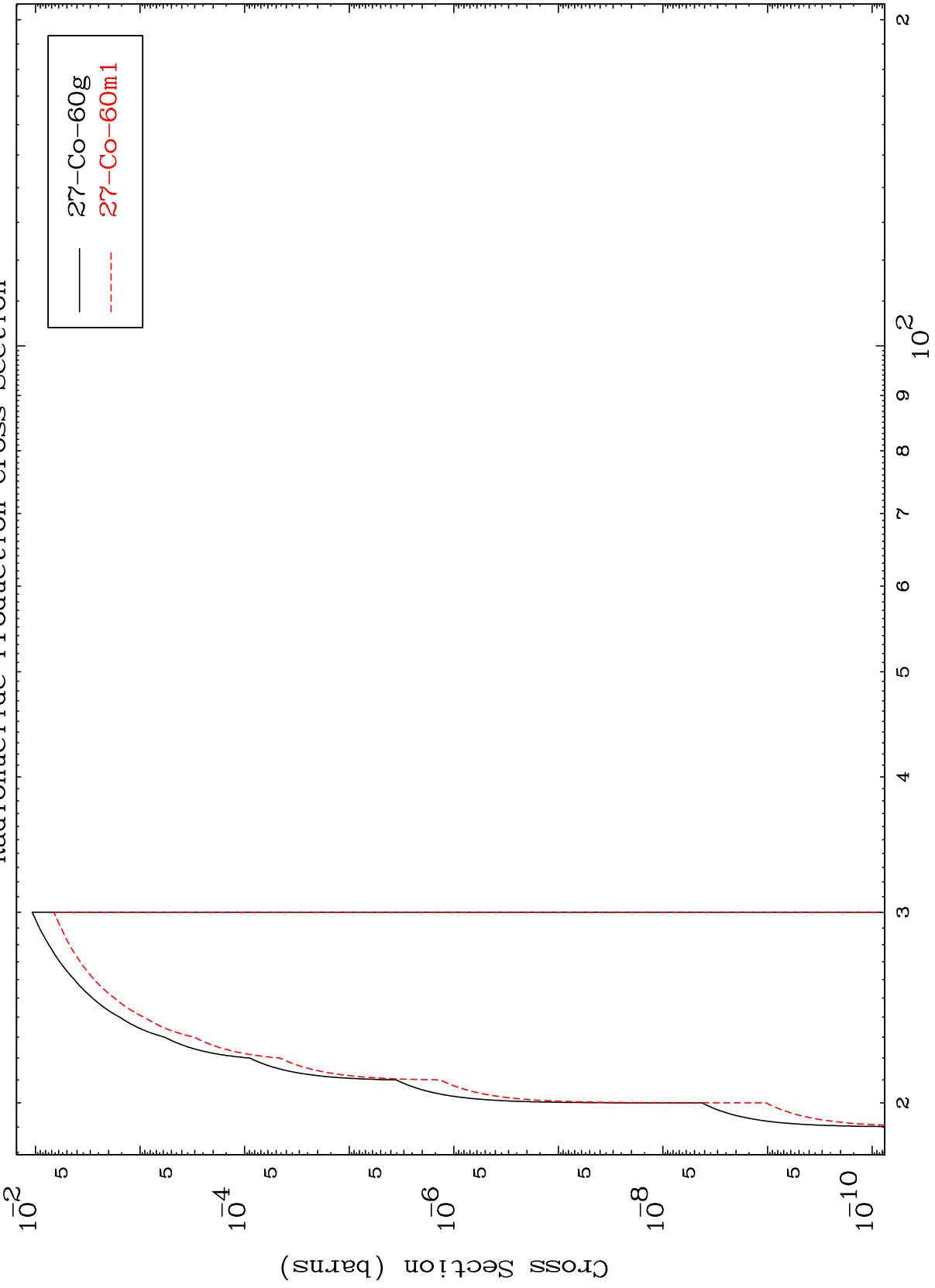
28-Ni-62

MAT 2837

(n,n') d

28-Ni-62

Radionuclide Production Cross Section



72

Incident Energy (MeV)

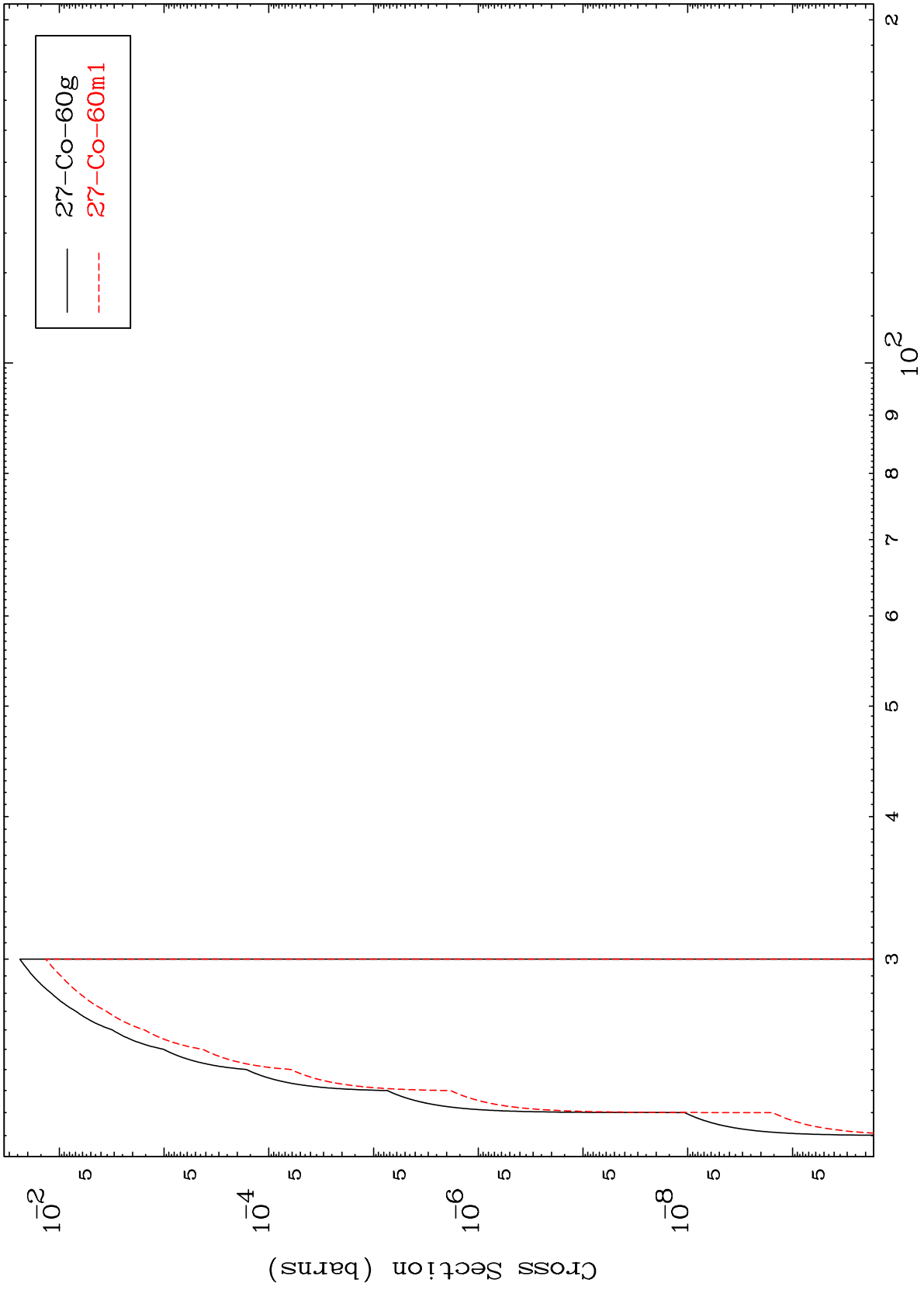
28-Ni-62

MAT 2837

(n,2n) p

²⁸Ni-62

Radionuclide Production Cross Section



73

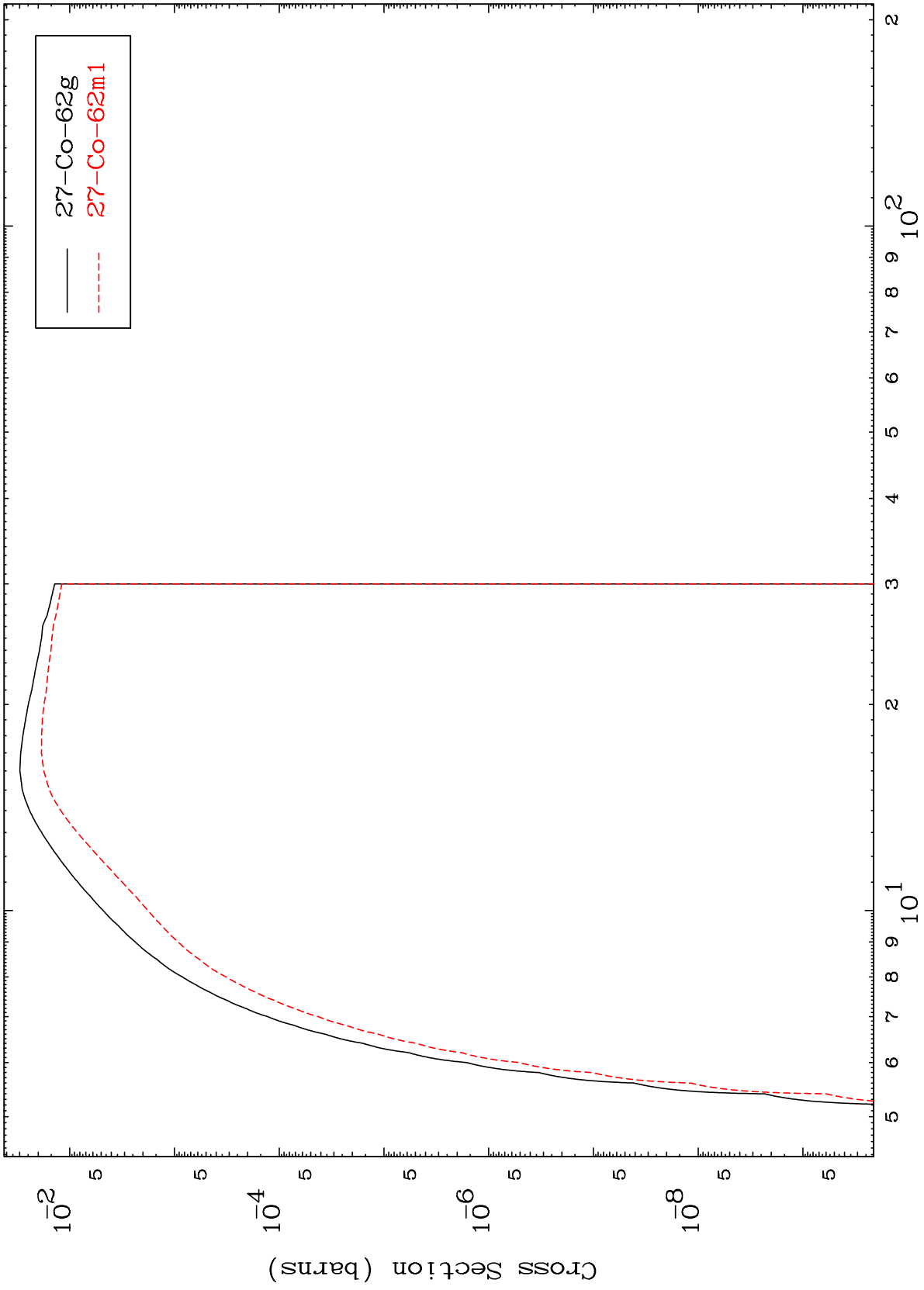
Incident Energy (MeV)

²⁸Ni-62

MAT 2837

²⁸Ni-62

(n,p)
Radionuclide Production Cross Section



74

Incident Energy (MeV)

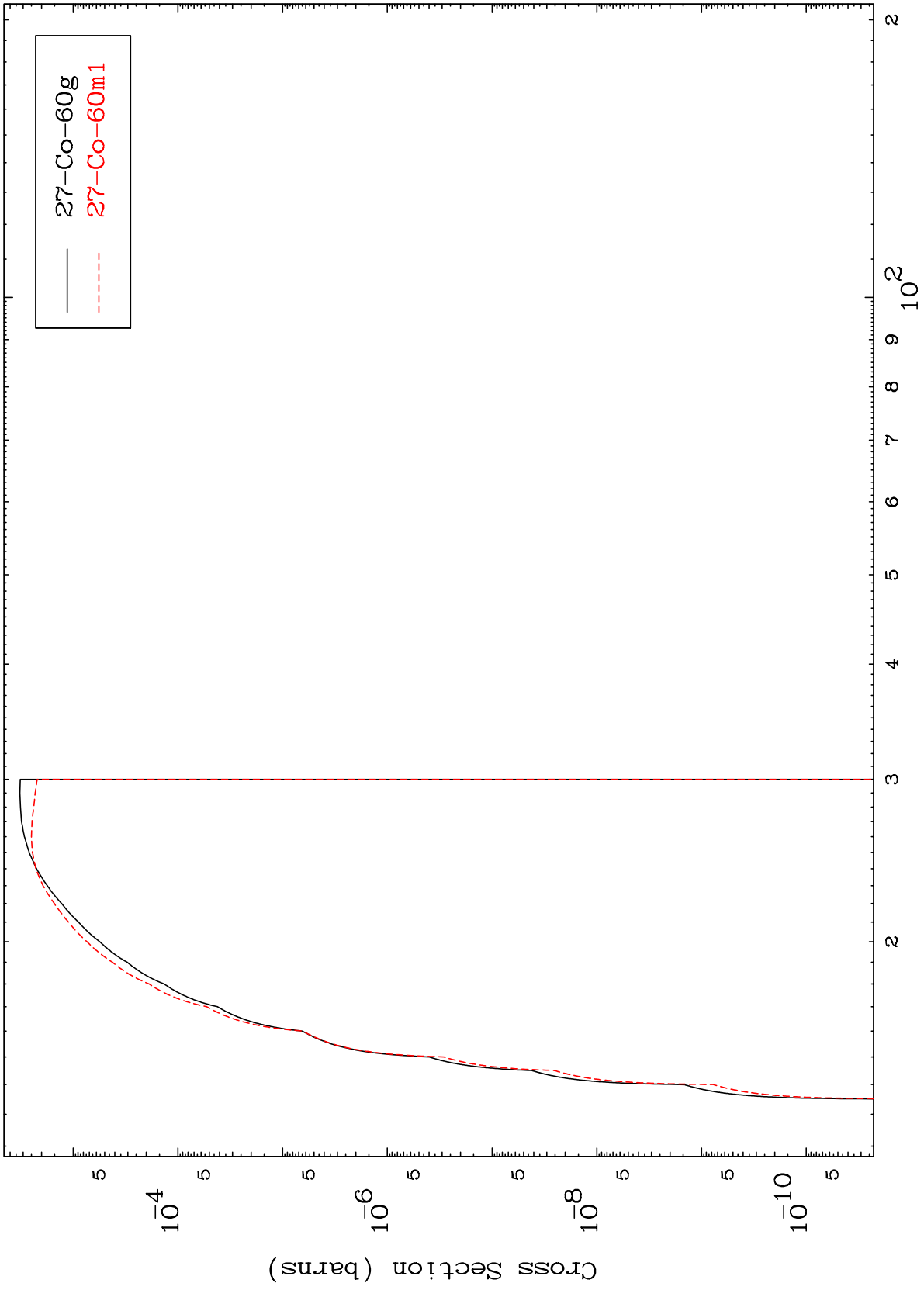
²⁸Ni-62

MAT 2837

(n, t)

²⁸Ni-62

Radionuclide Production Cross Section



75

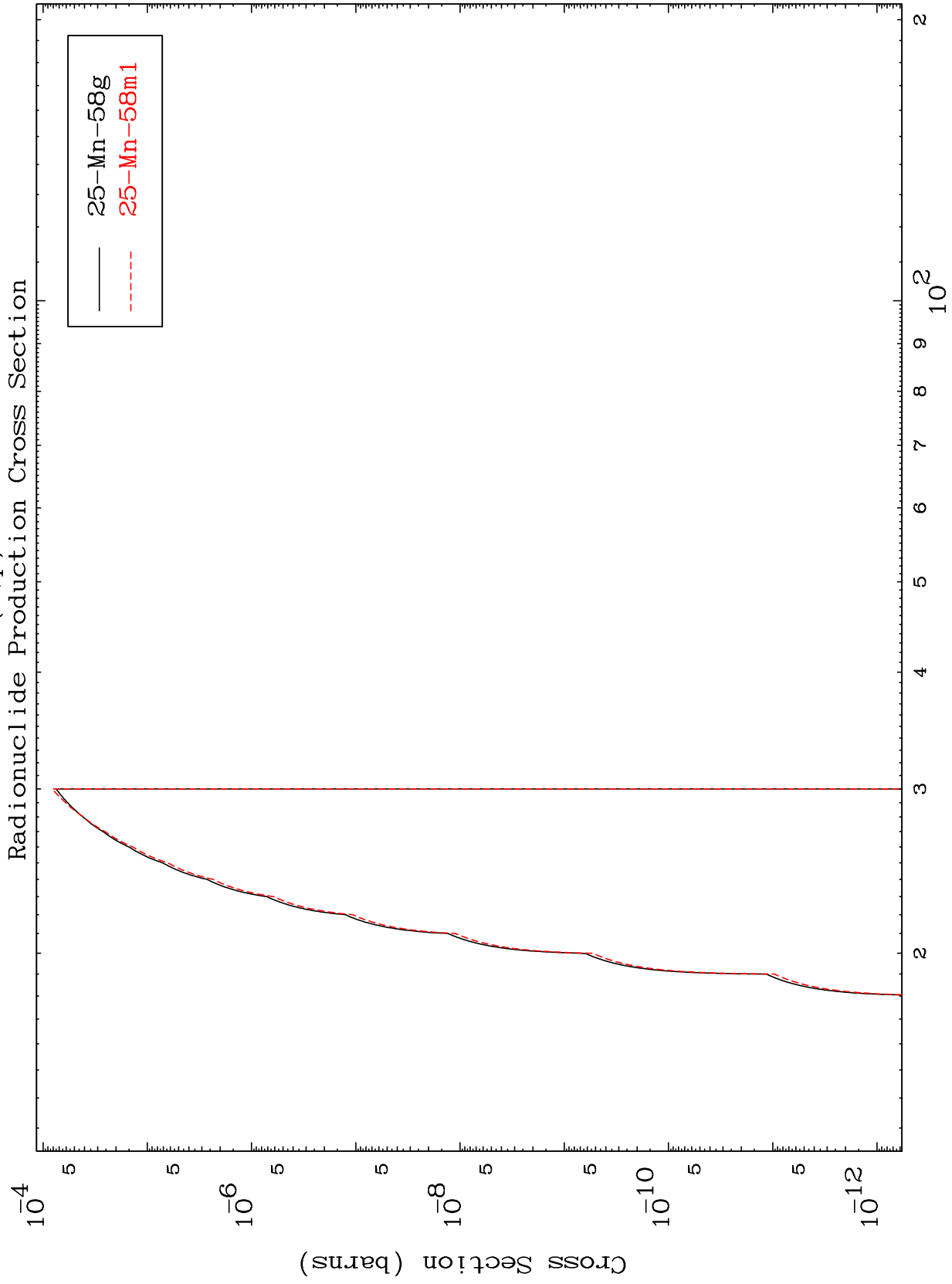
Incident Energy (MeV)

²⁸Ni-62

MAT 2837

(n,p) α

²⁸Ni-62



76

Incident Energy (MeV)

²⁸Ni-62