

Program EVALPLOT
(Version 2018-1)

by

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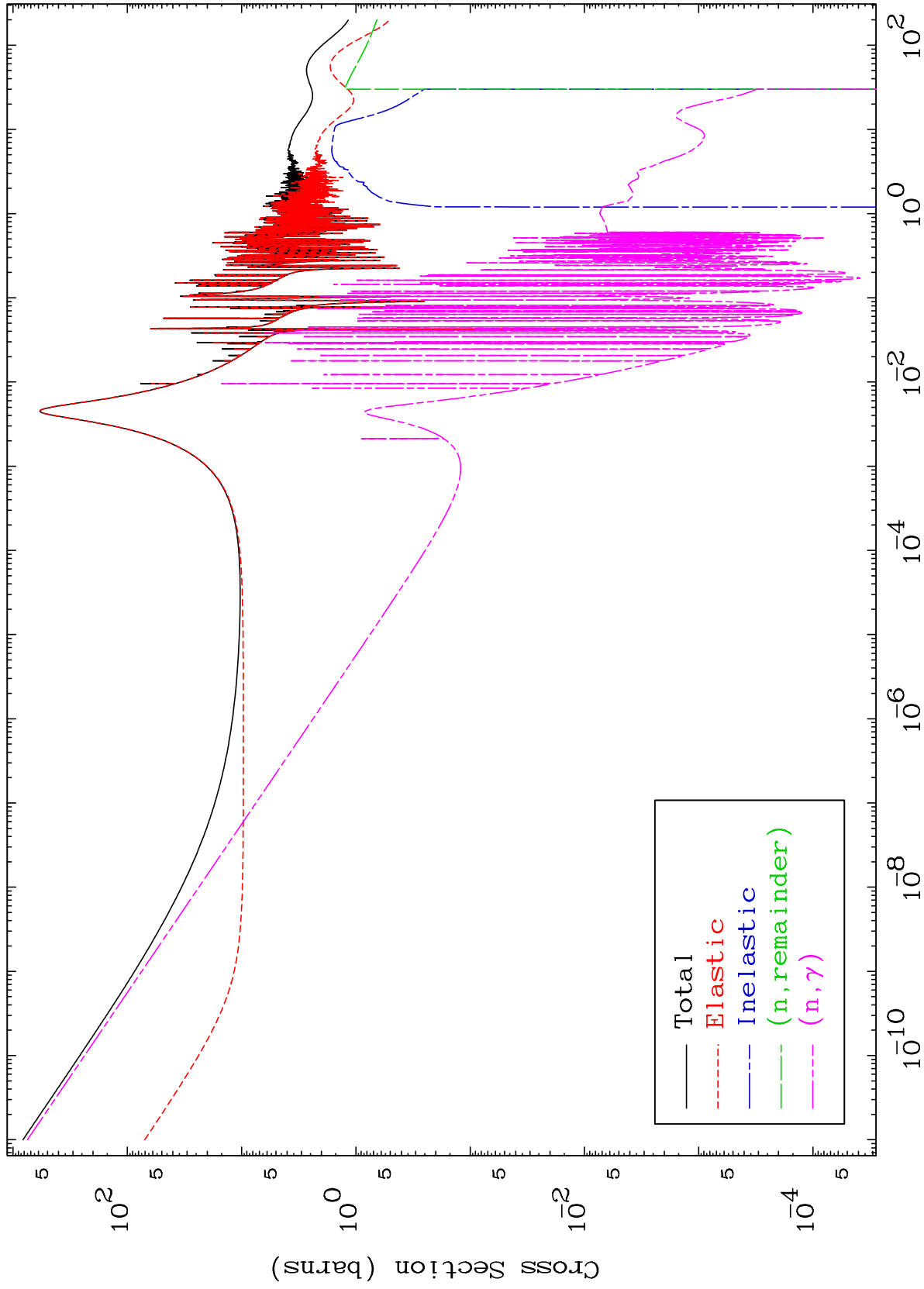
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2837

Major
293 Kelvin Cross Sections

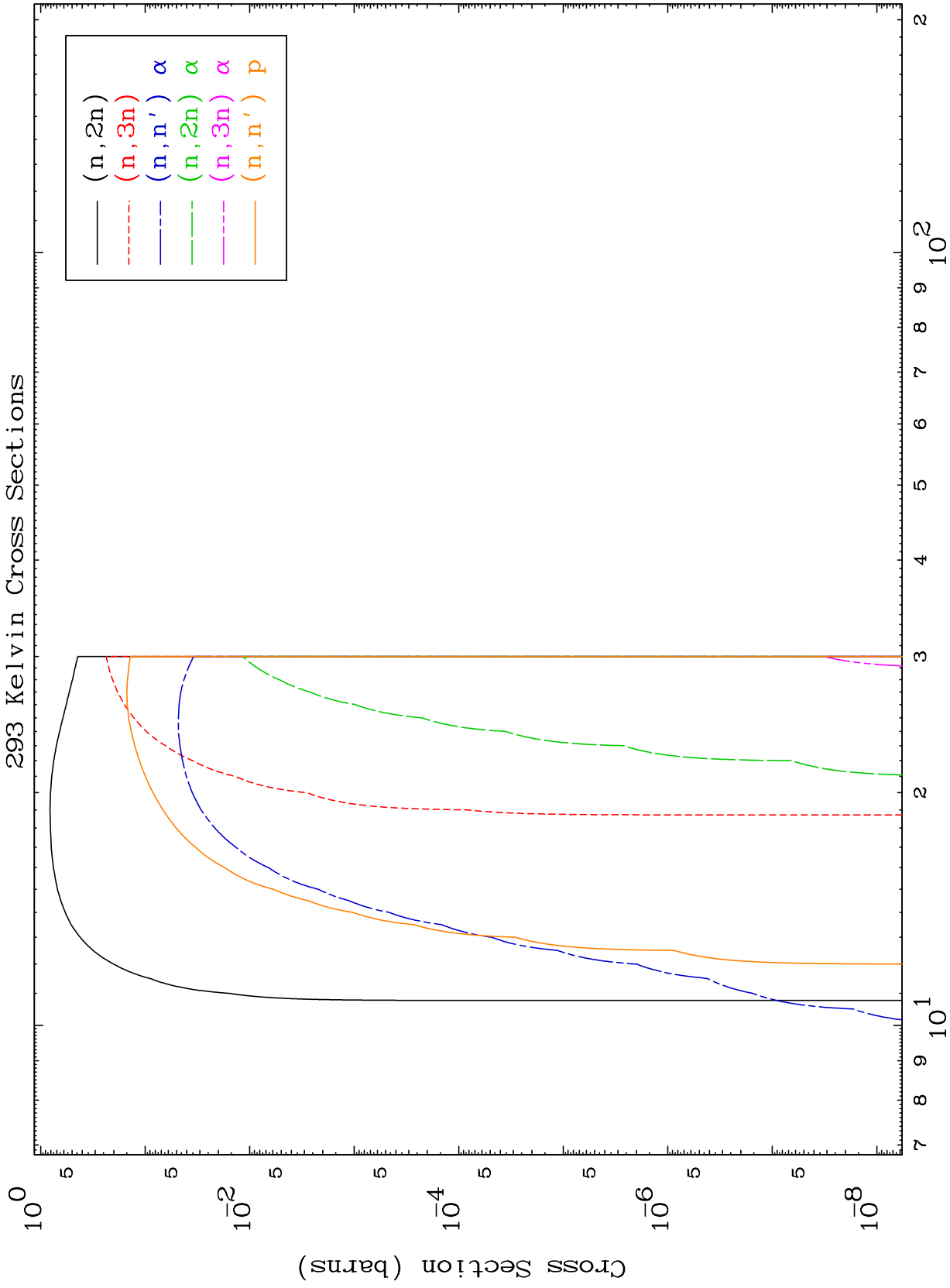
28-Ni-62



MAT 2837

Neutron Production
293 Kelvin Cross Sections

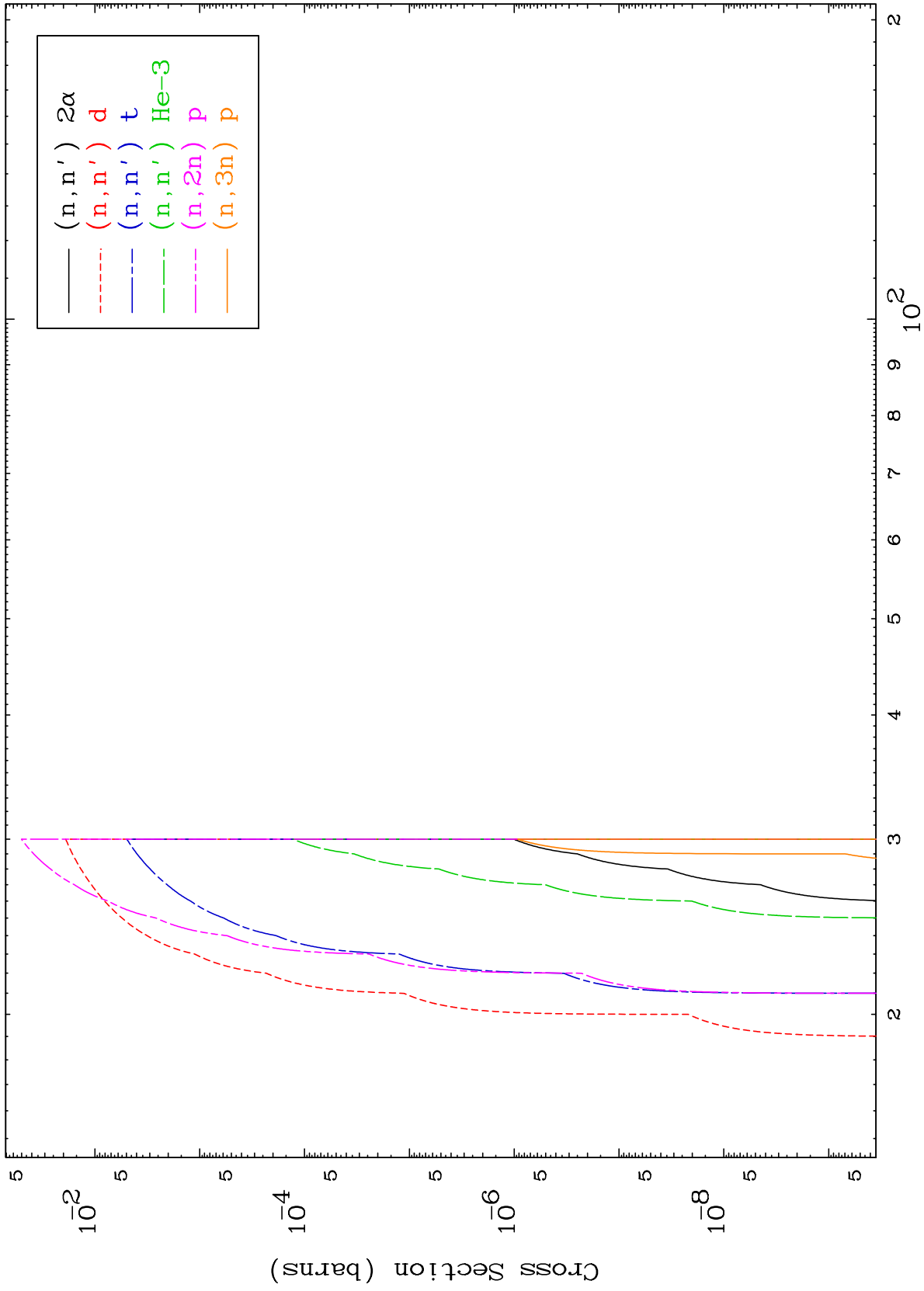
28-Ni-62



2

Incident Energy (MeV)

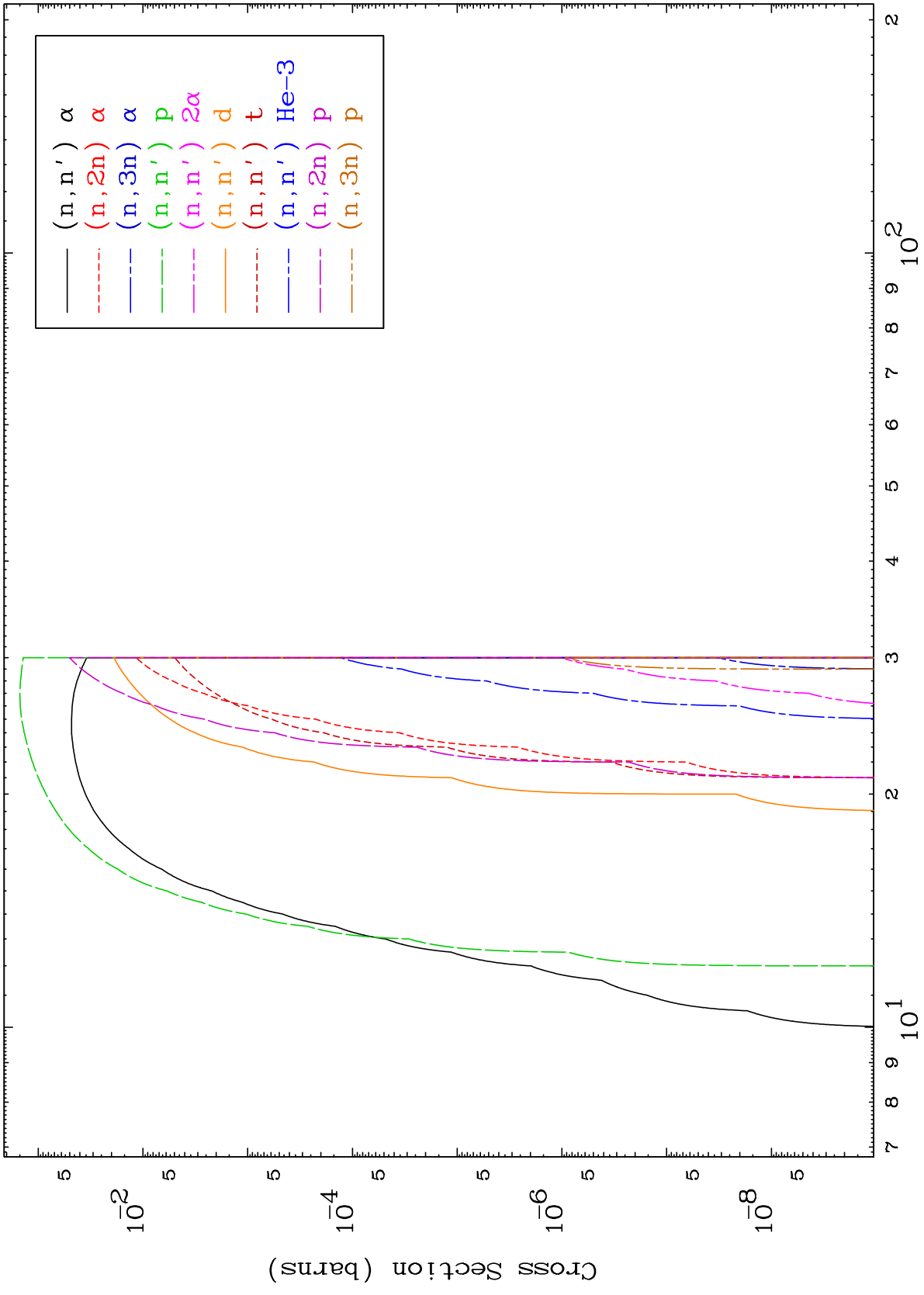
28-Ni-62

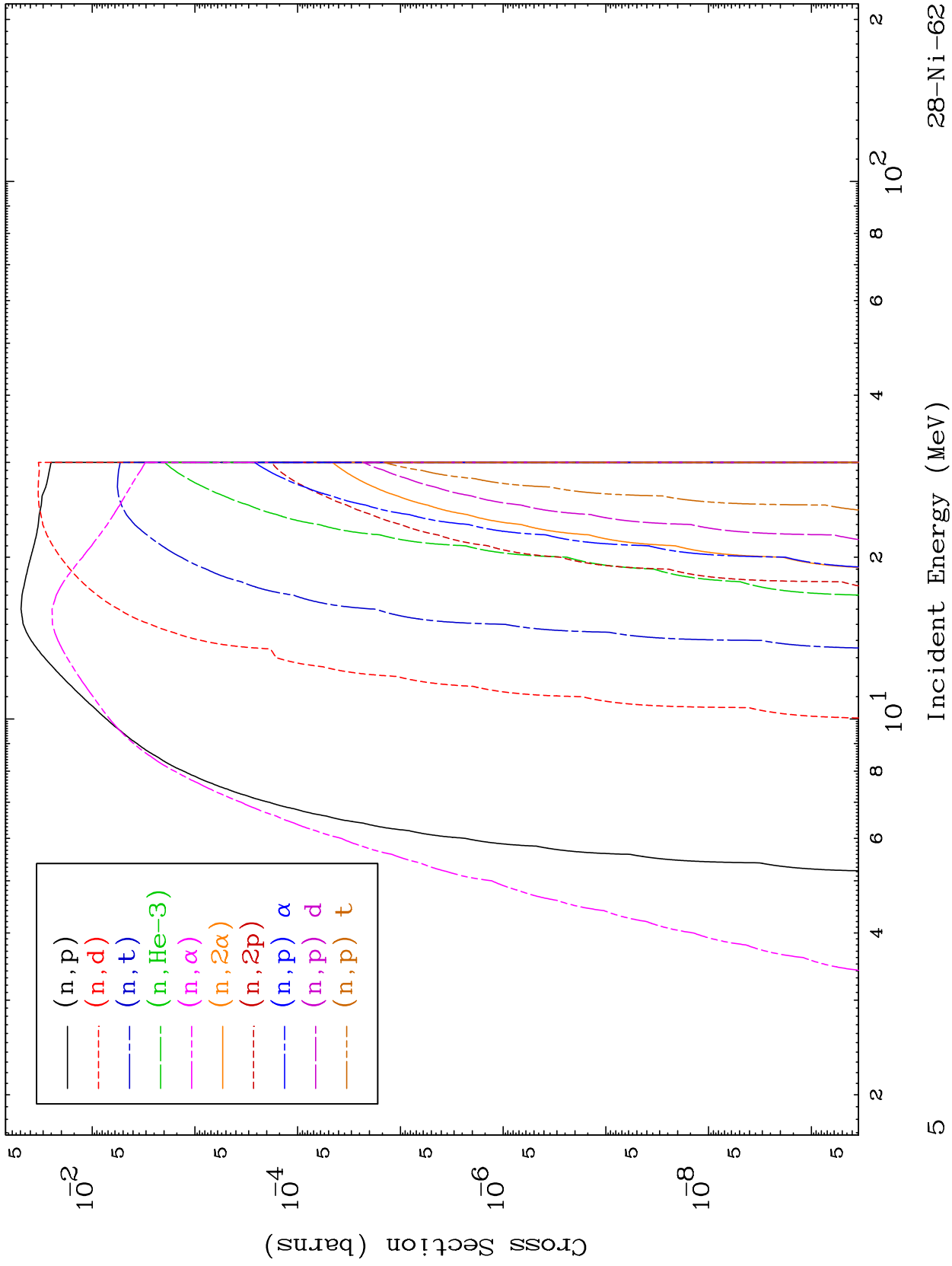


MAT 2837

Charged Particle
293 Kelvin Cross Sections

28-Ni-62

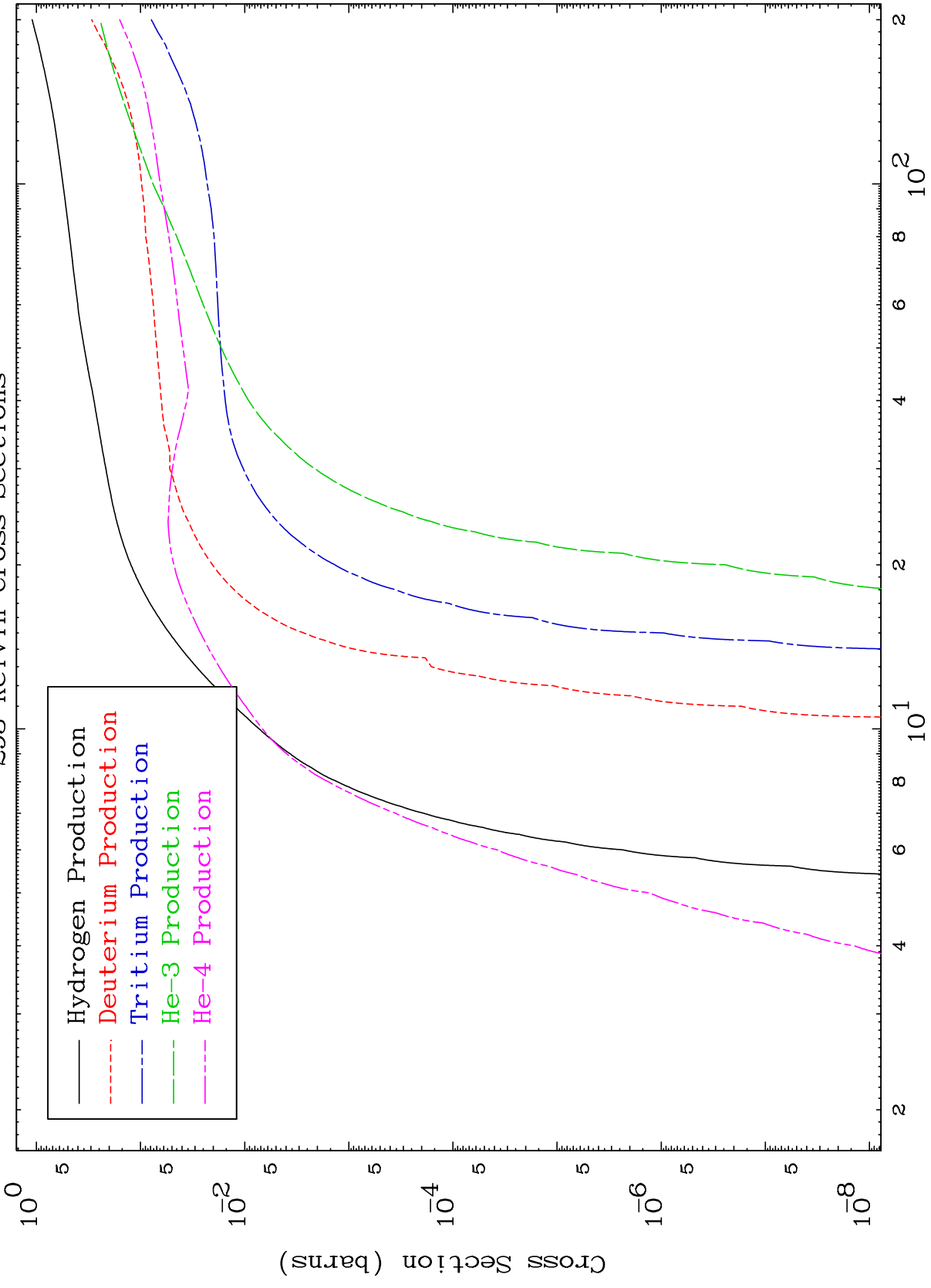




MAT 2837

Particle Production
293 Kelvin Cross Sections

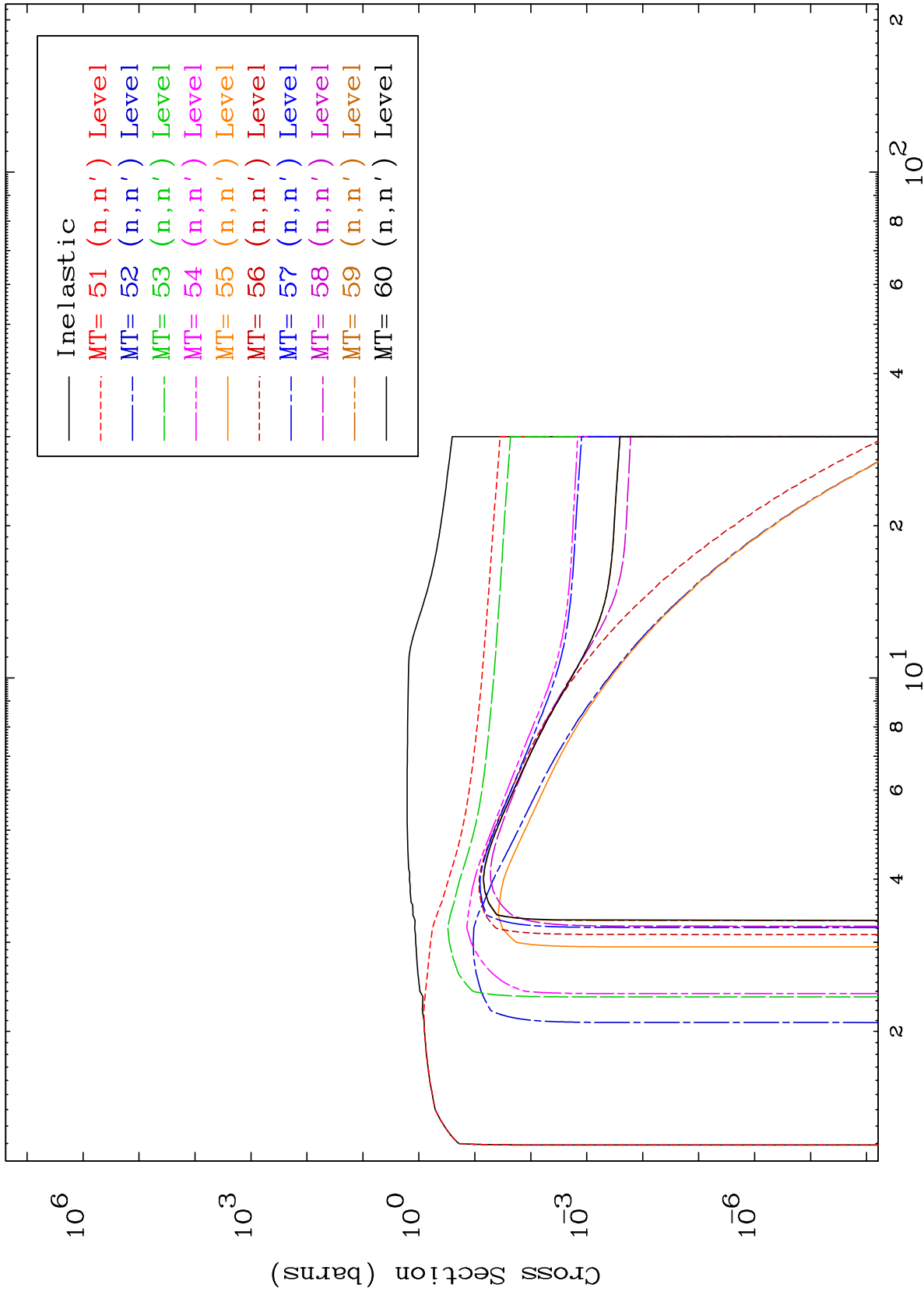
28-Ni-62



6

Incident Energy (MeV)

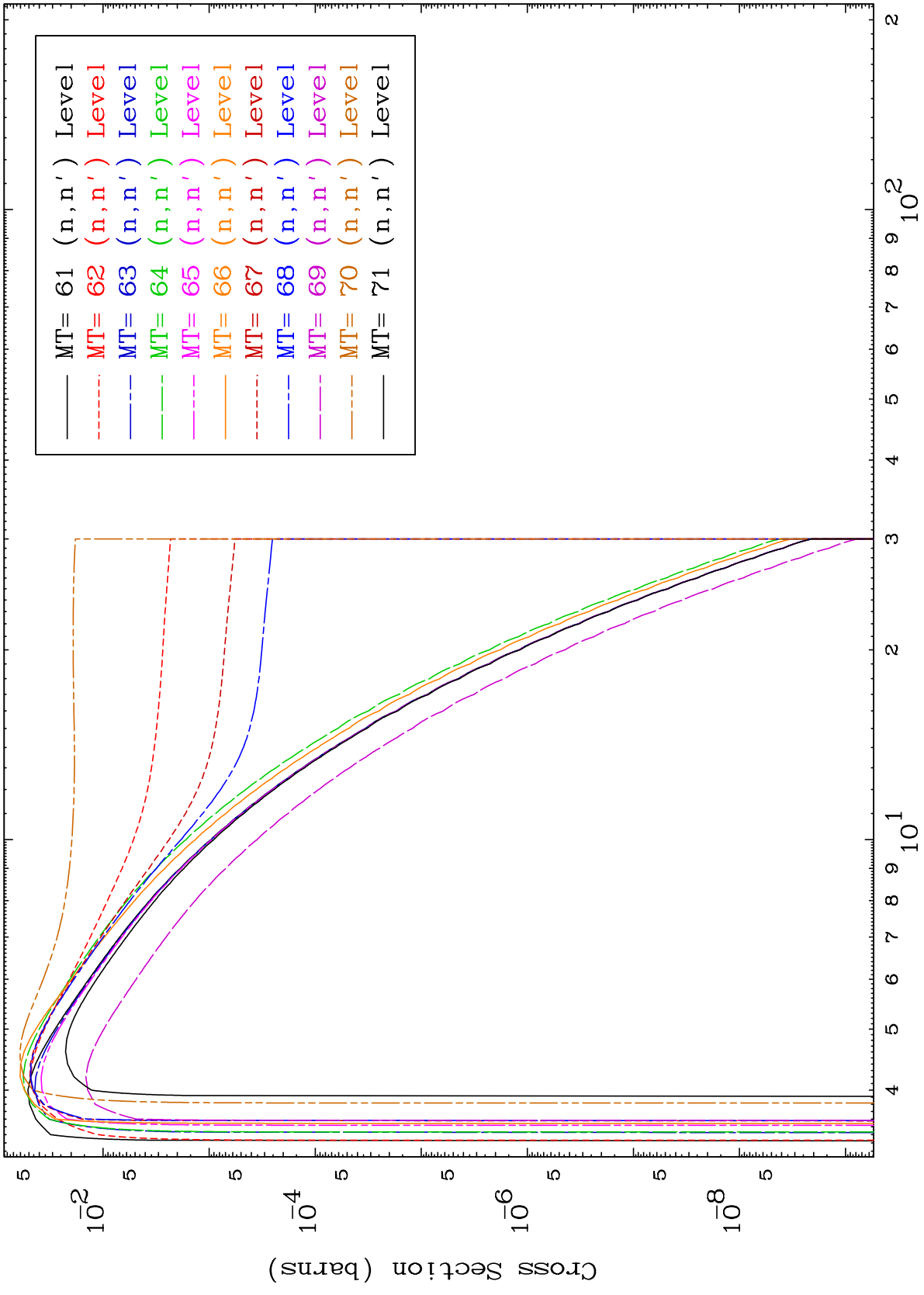
28-Ni-62



MAT 2837

(n,n') Level
293 Kelvin Cross Sections

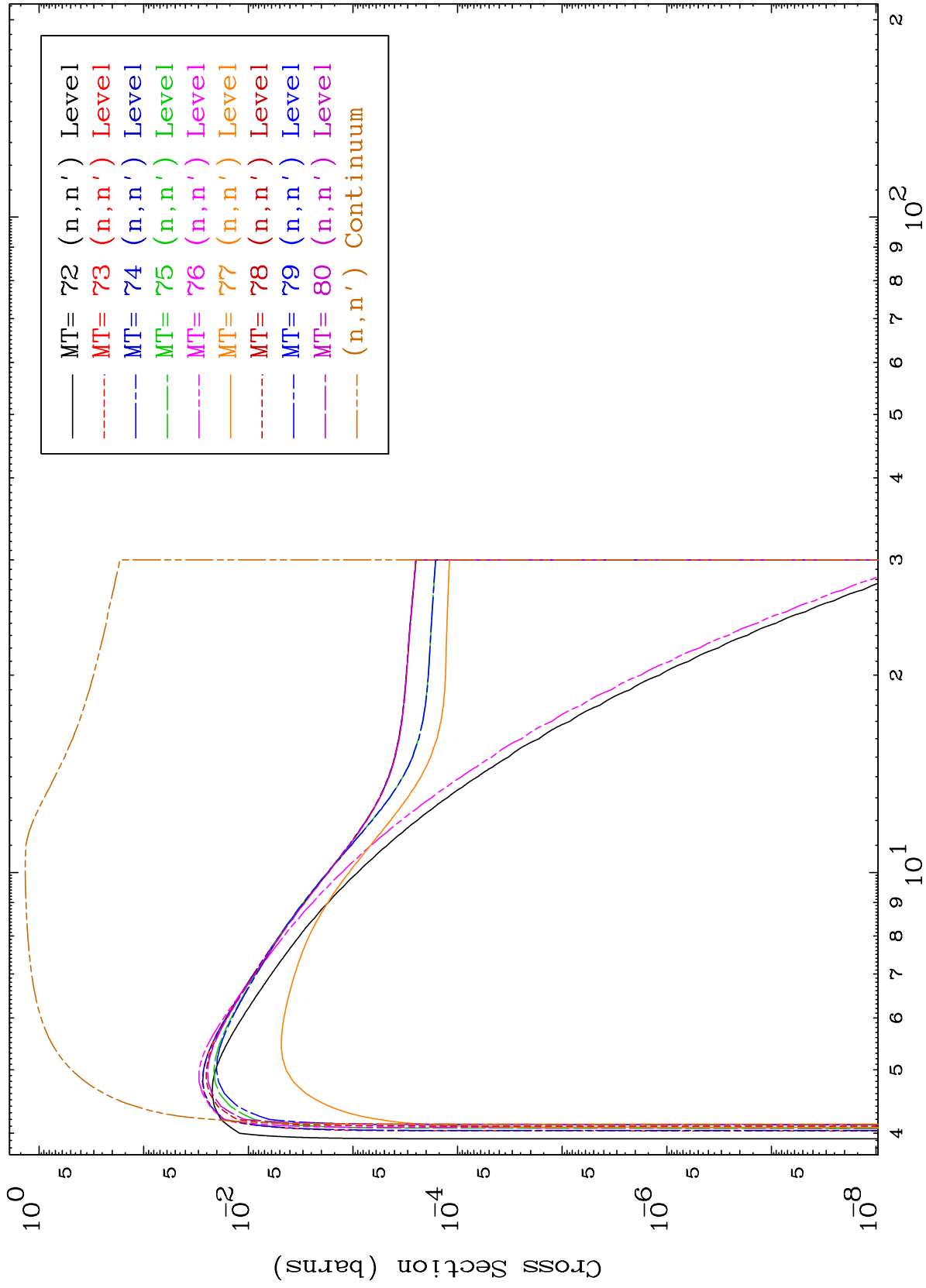
28-Ni-62



MAT 2837

(n,n') Level
293 Kelvin Cross Sections

28-Ni-62



9

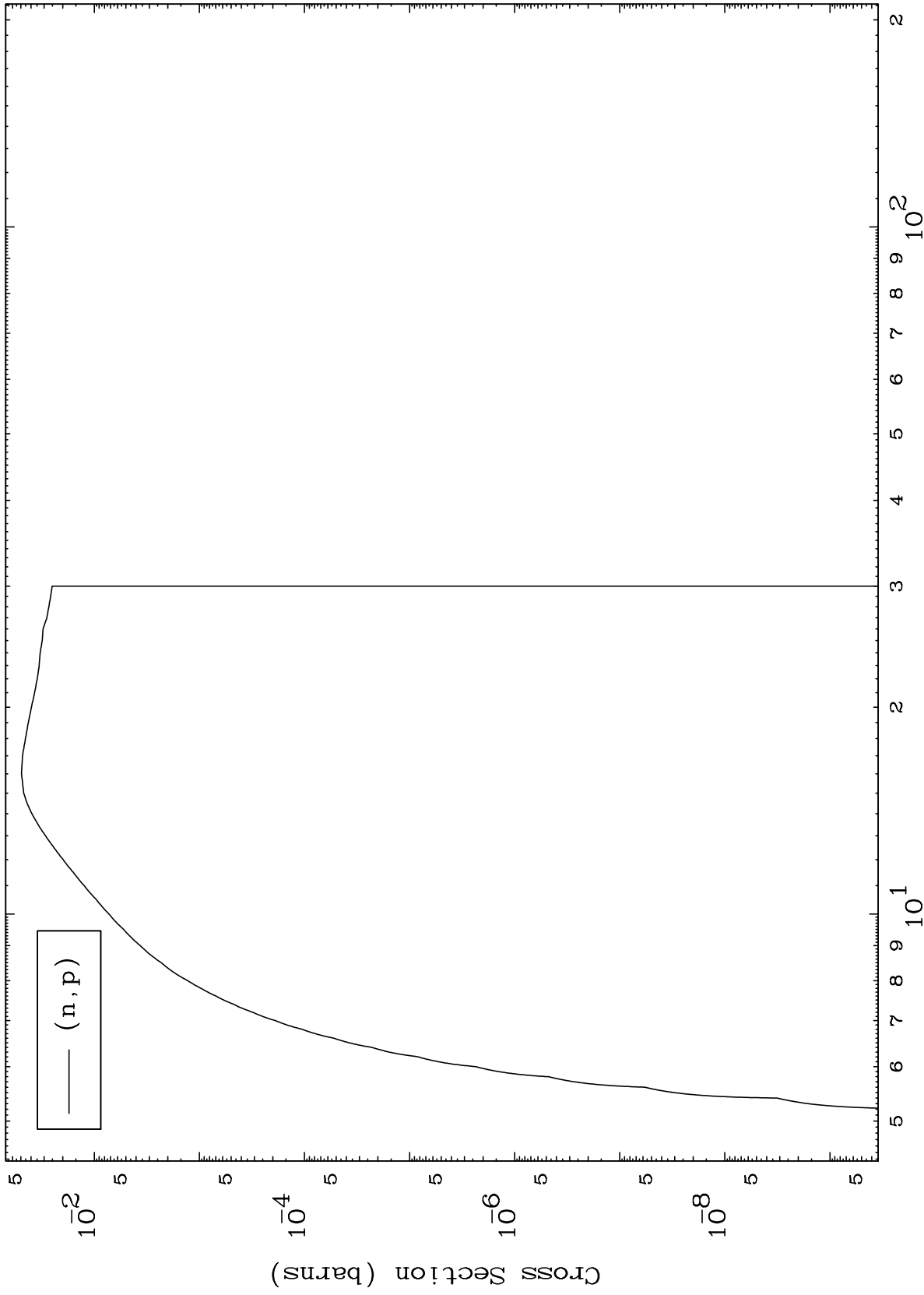
Incident Energy (MeV)

28-Ni-62

MAT 2837

(n,p) Levels
293 Kelvin Cross Sections

28-Ni-62



10

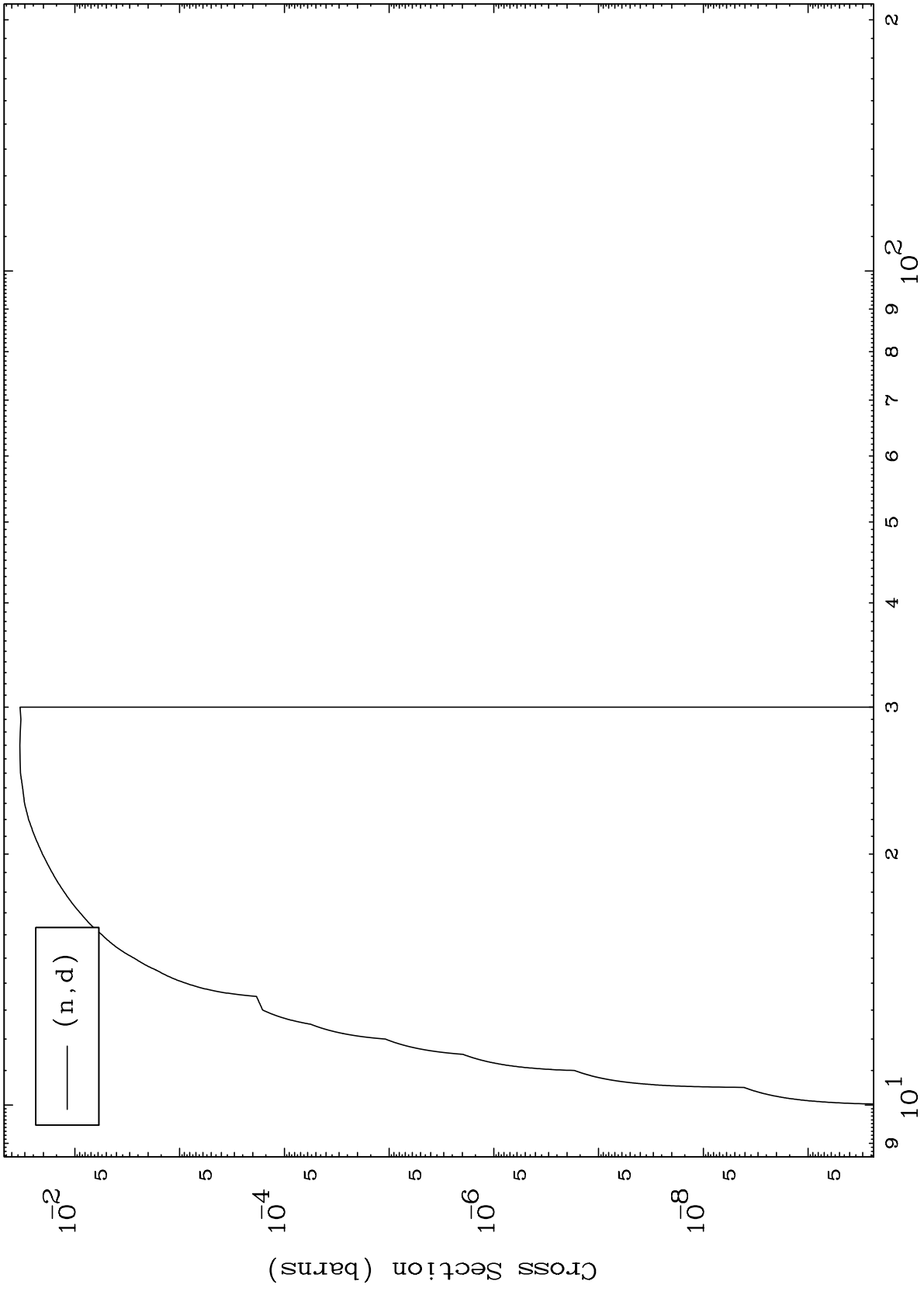
Incident Energy (MeV)

28-Ni-62

MAT 2837

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-62



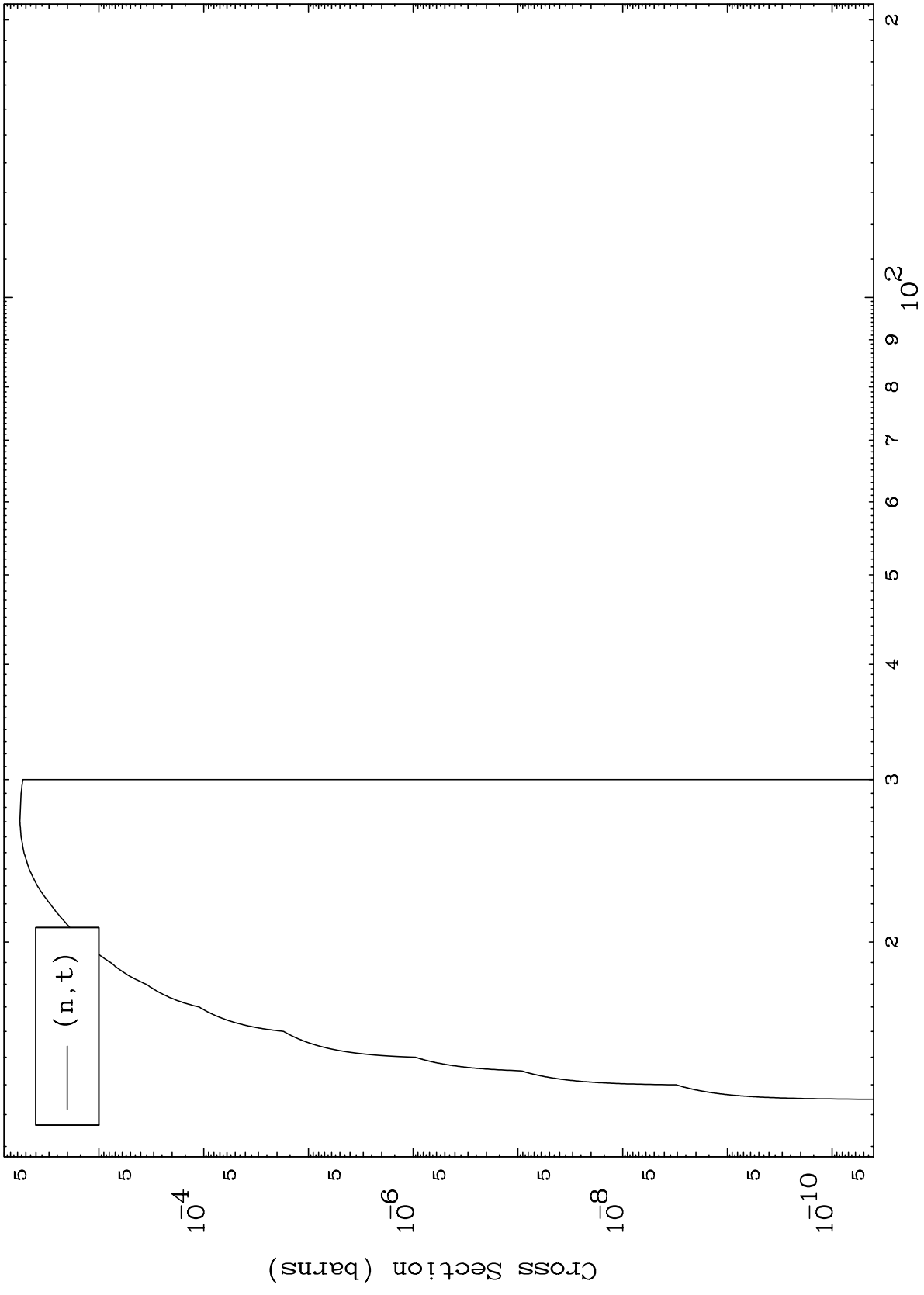
11

28-Ni-62

MAT 2837

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-62



12

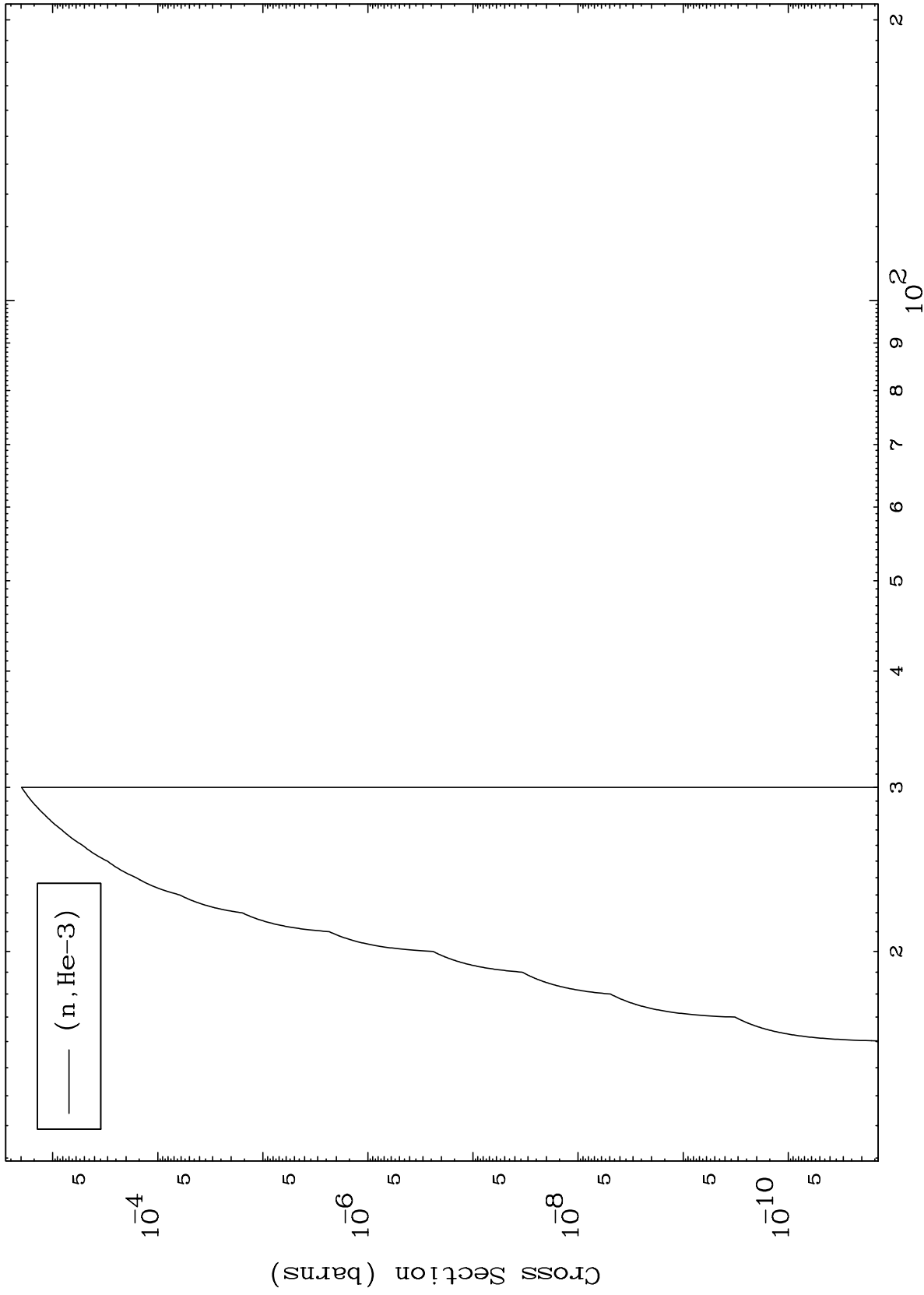
Incident Energy (MeV)

28-Ni-62

MAT 2837

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-62



13

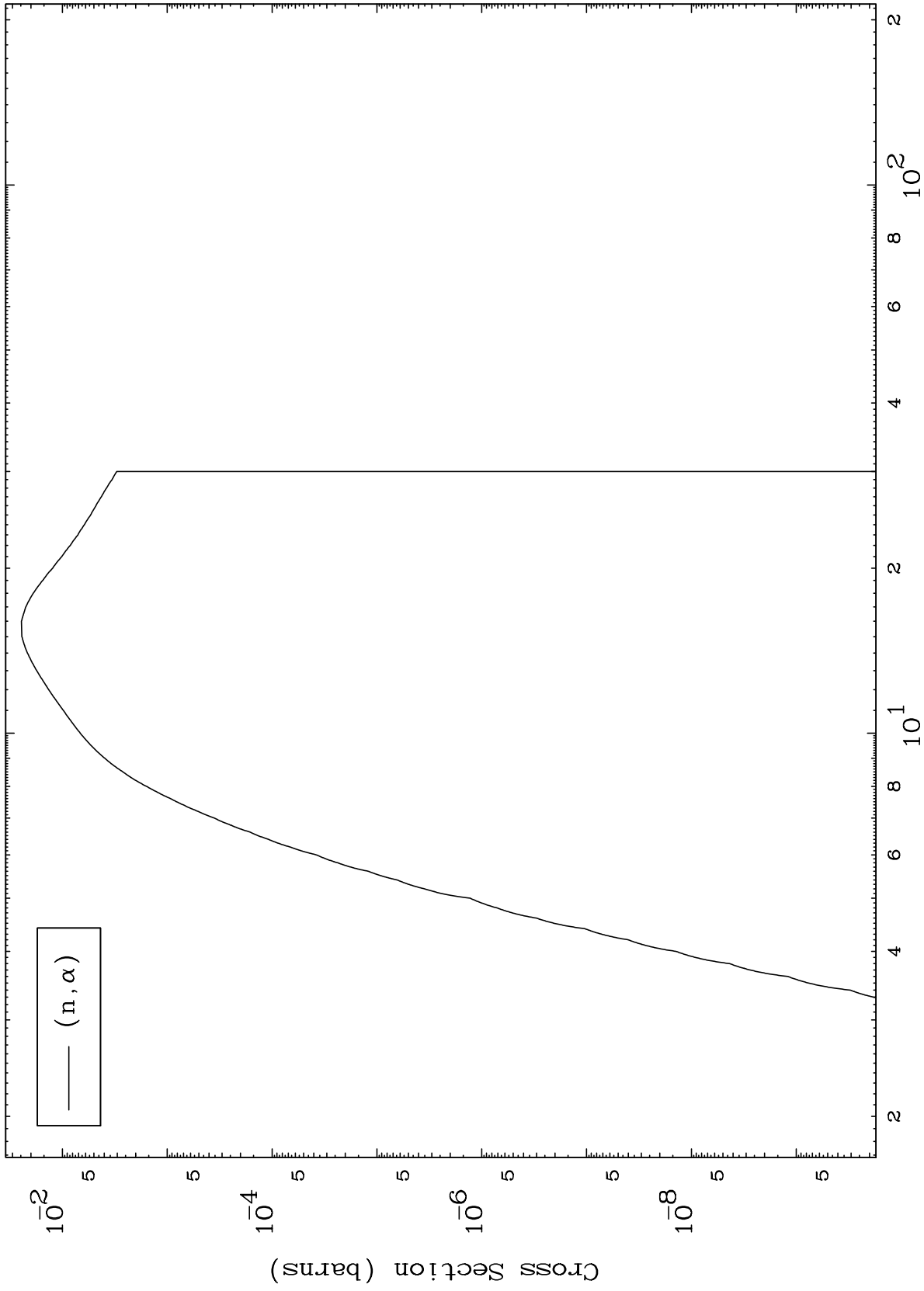
Incident Energy (MeV)

28-Ni-62

MAT 2837

(n,α) Levels
293 Kelvin Cross Sections

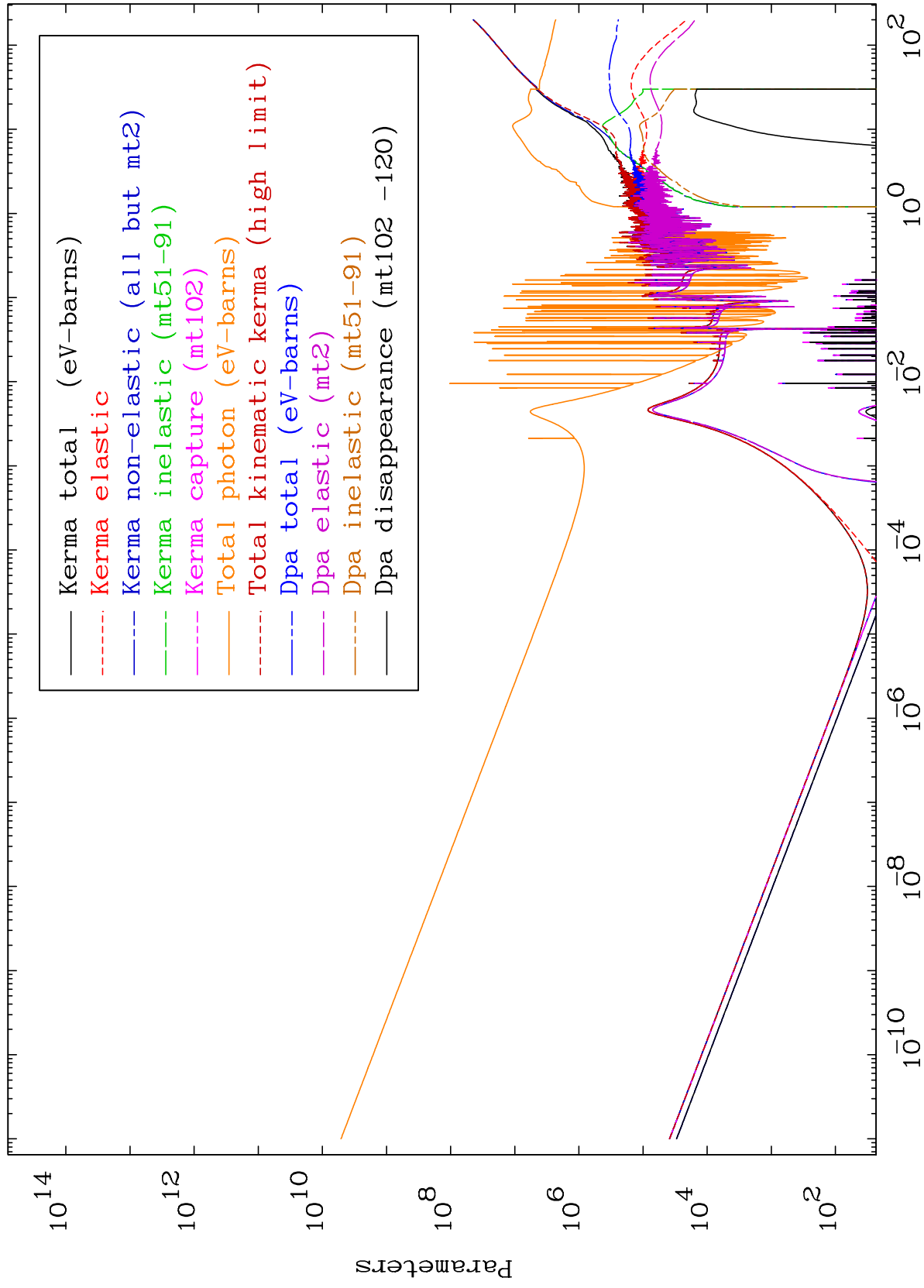
28-Ni-62



14

Incident Energy (MeV)

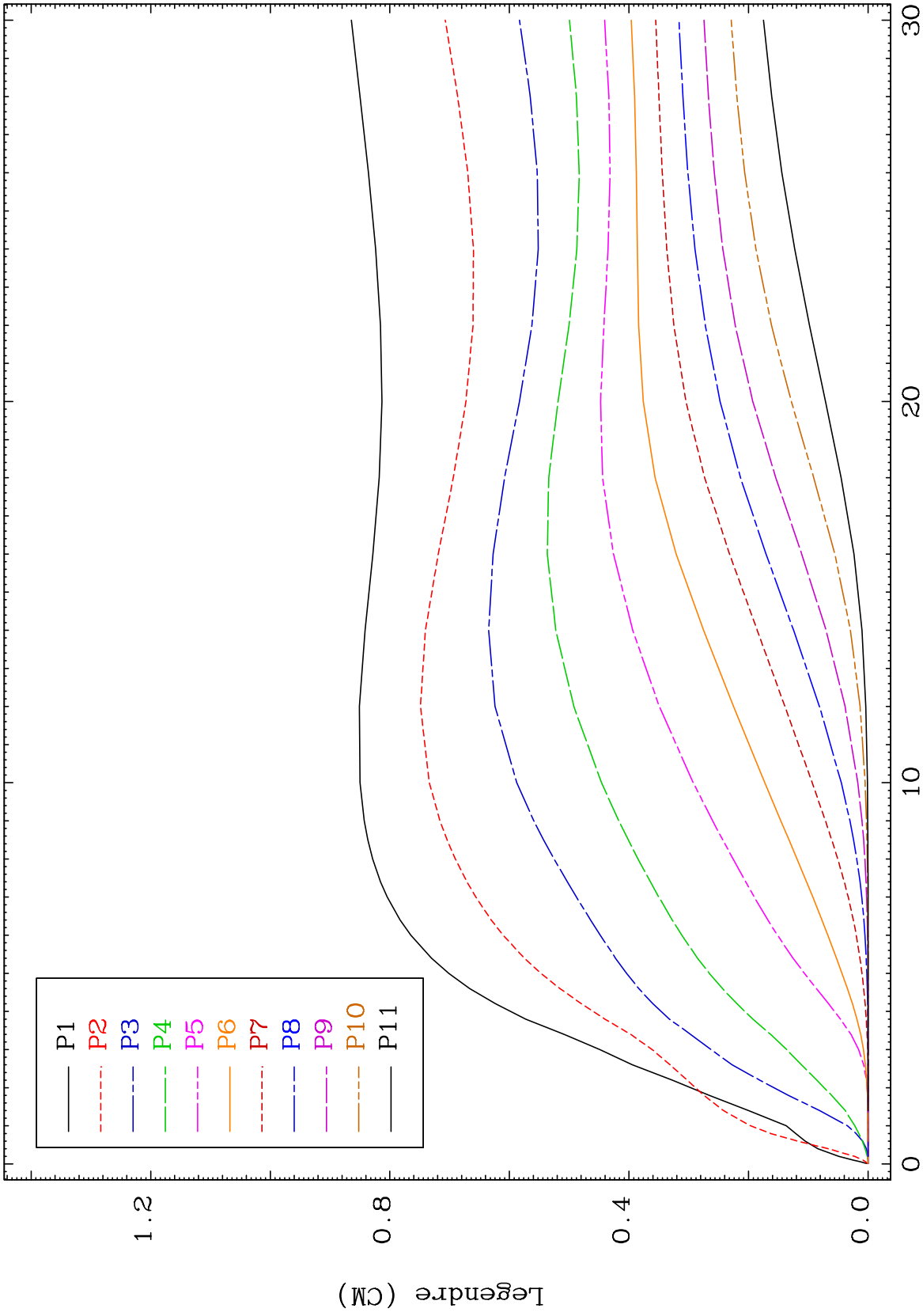
28-Ni-62



MAT 2837

Elastic Legendre Coefficients

28-Ni-62



0

10

20

30

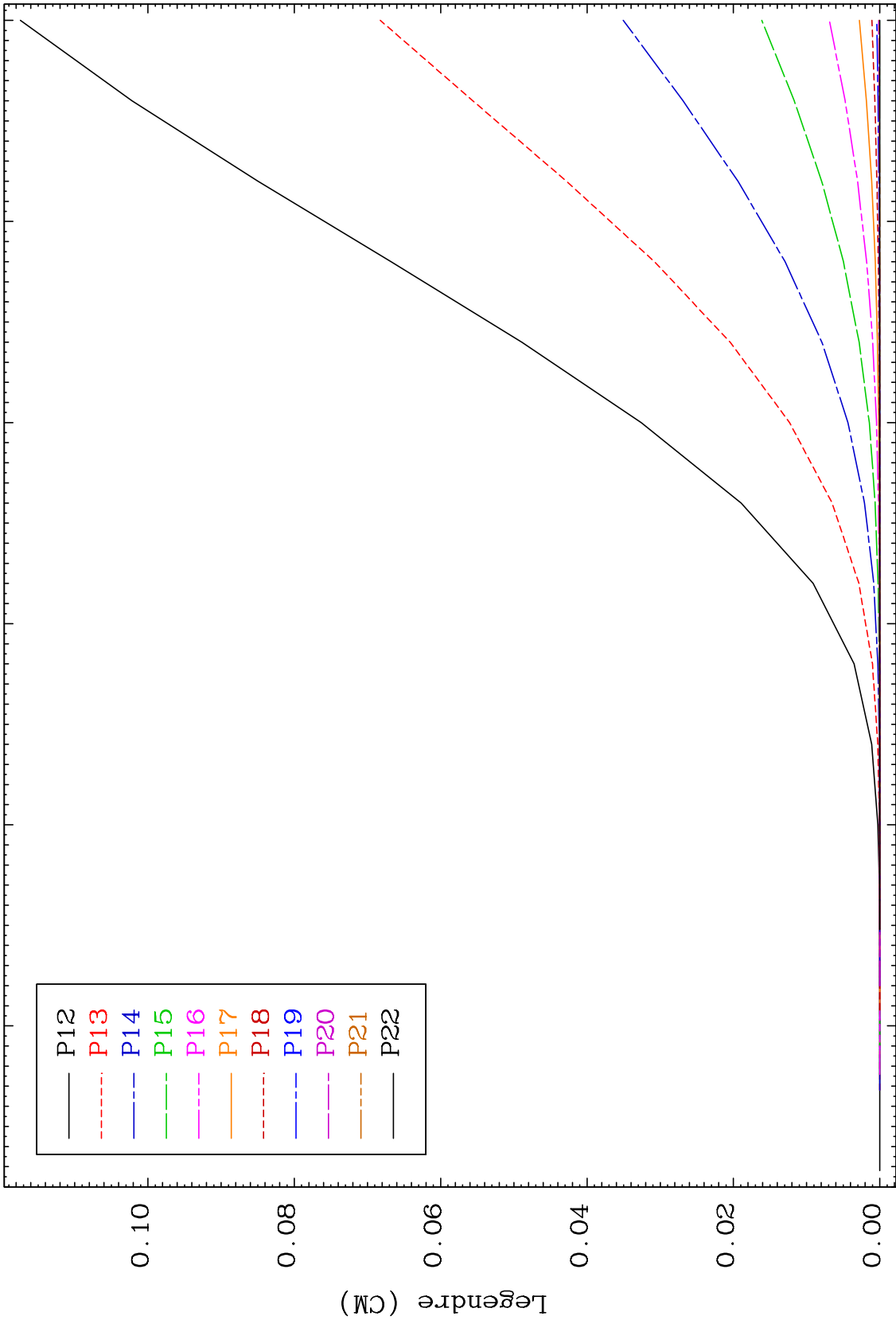
Incident Energy (MeV)

28-Ni-62

MAT 2837

Elastic Legendre Coefficients

²⁸Ni-62



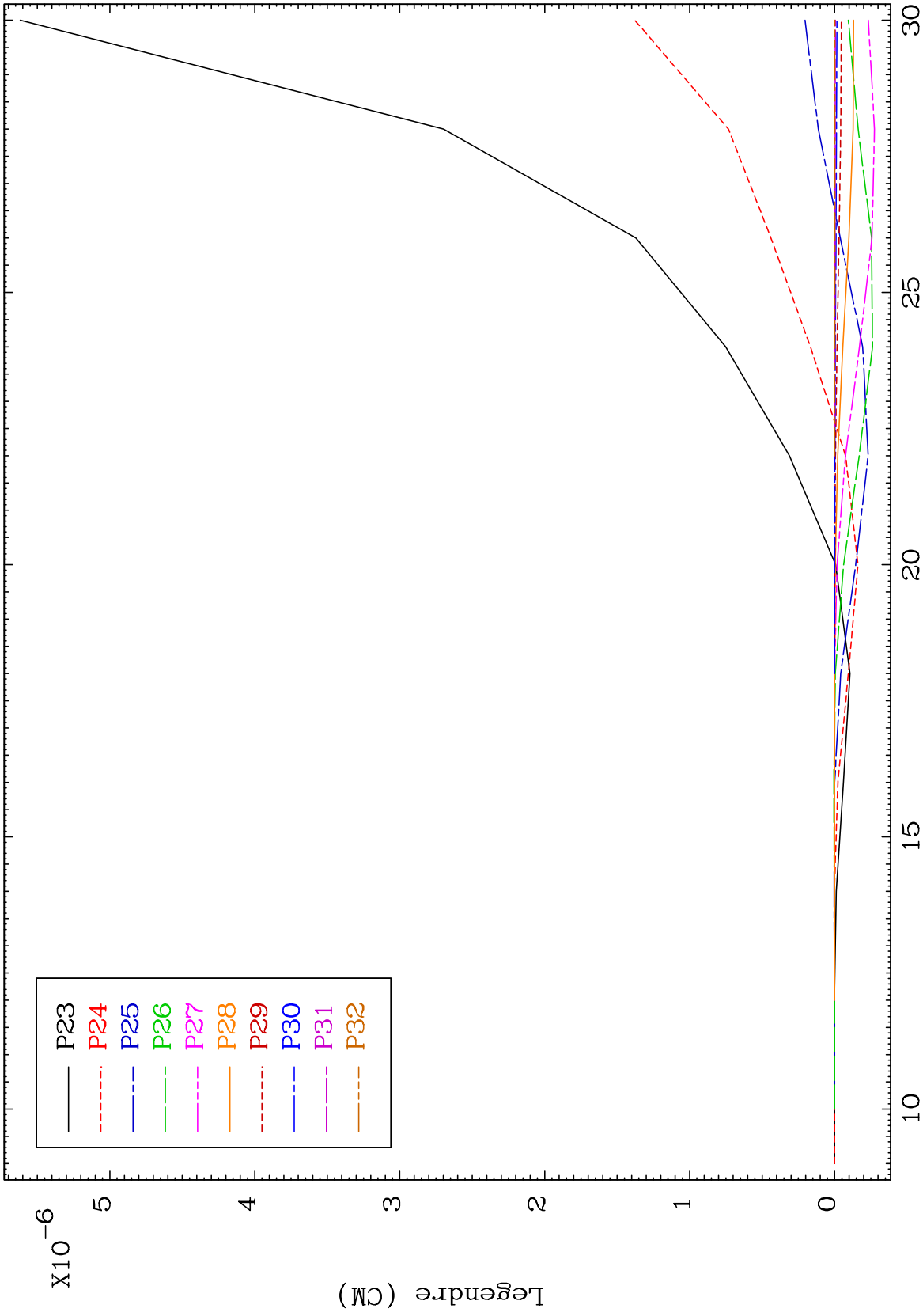
17

²⁸Ni-62

MAT 2837

Elastic Legendre Coefficients

²⁸Ni-62



18

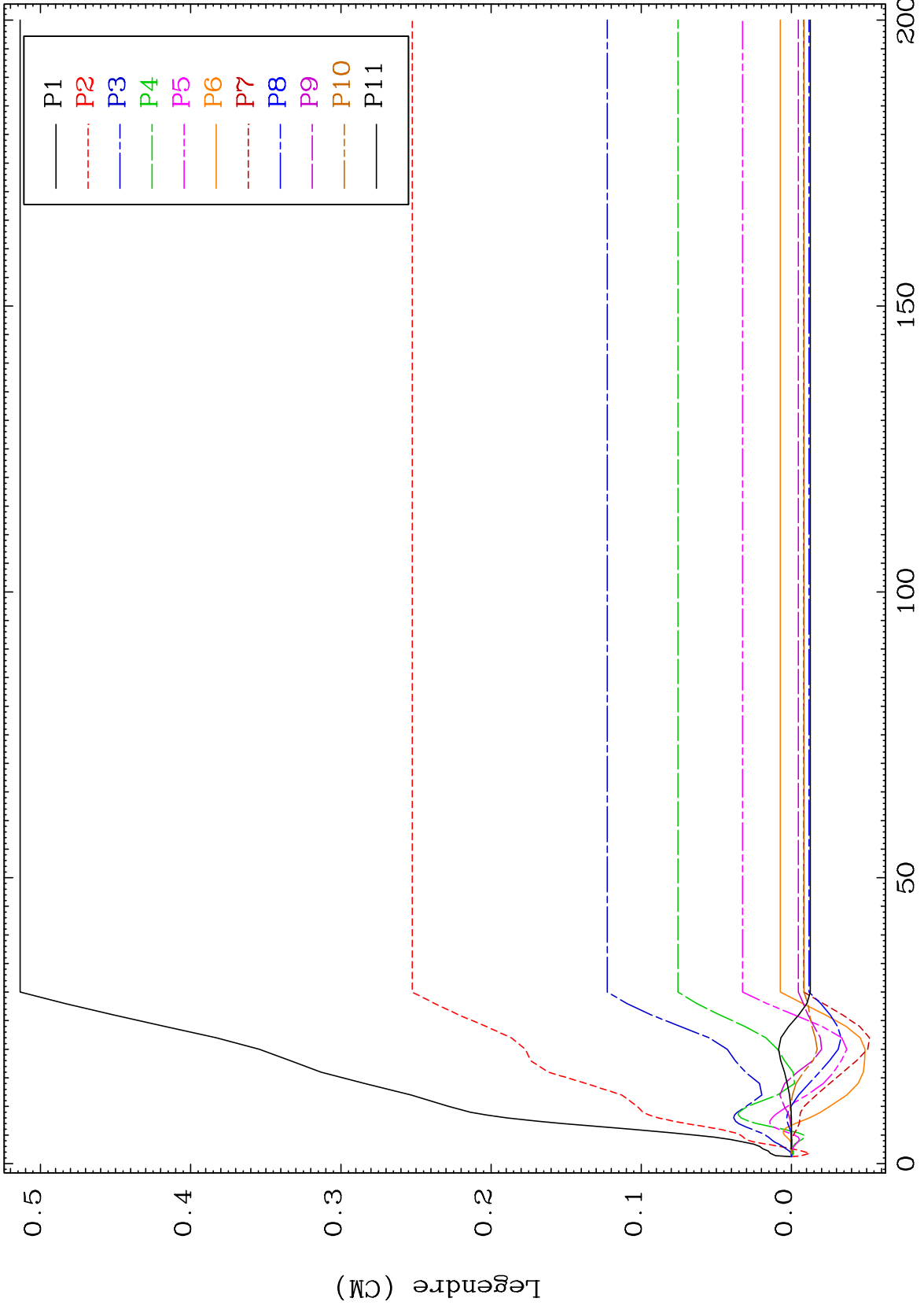
Incident Energy (MeV)

²⁸Ni-62

MAT 2837

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

28-Ni-62



19

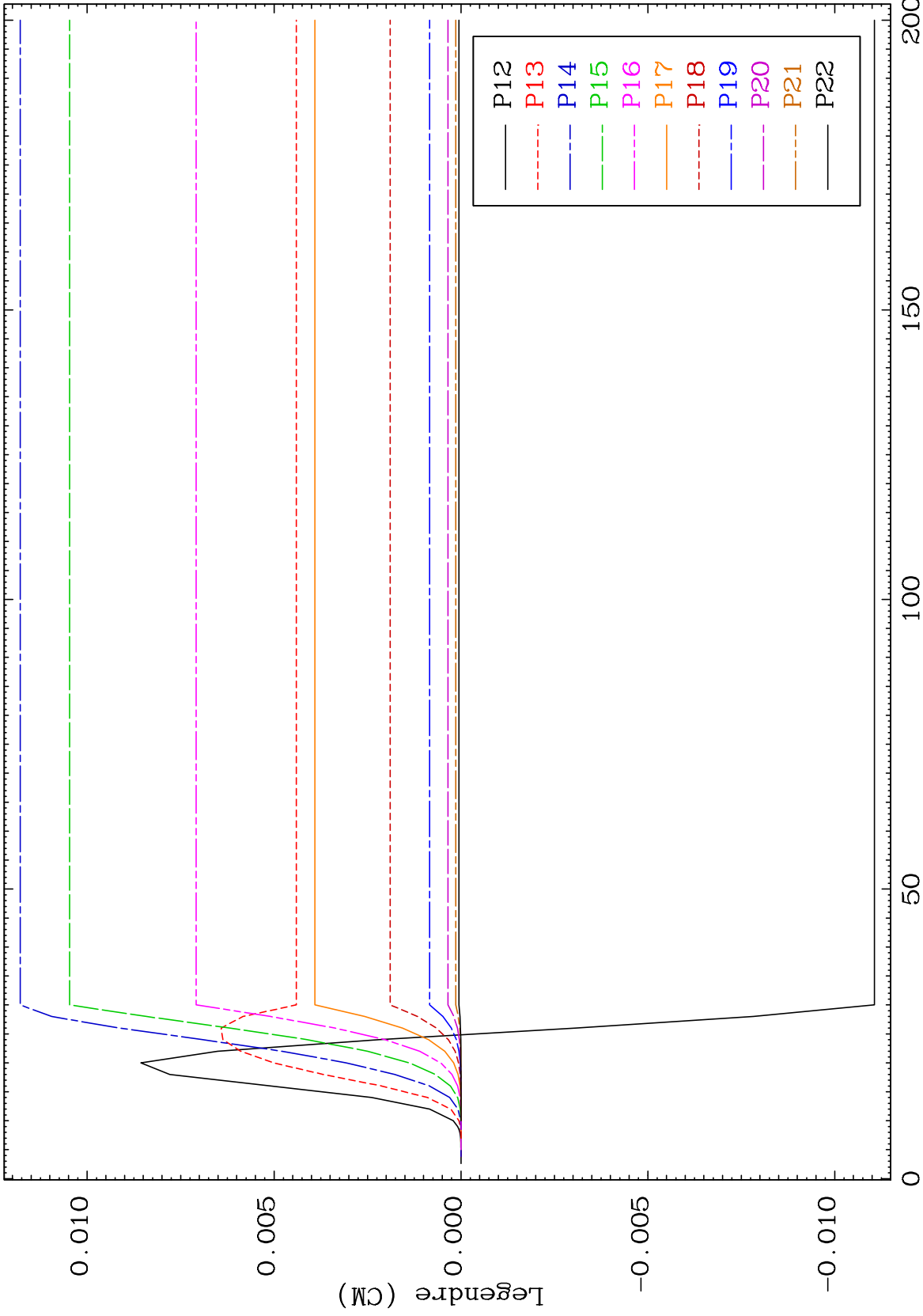
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



20

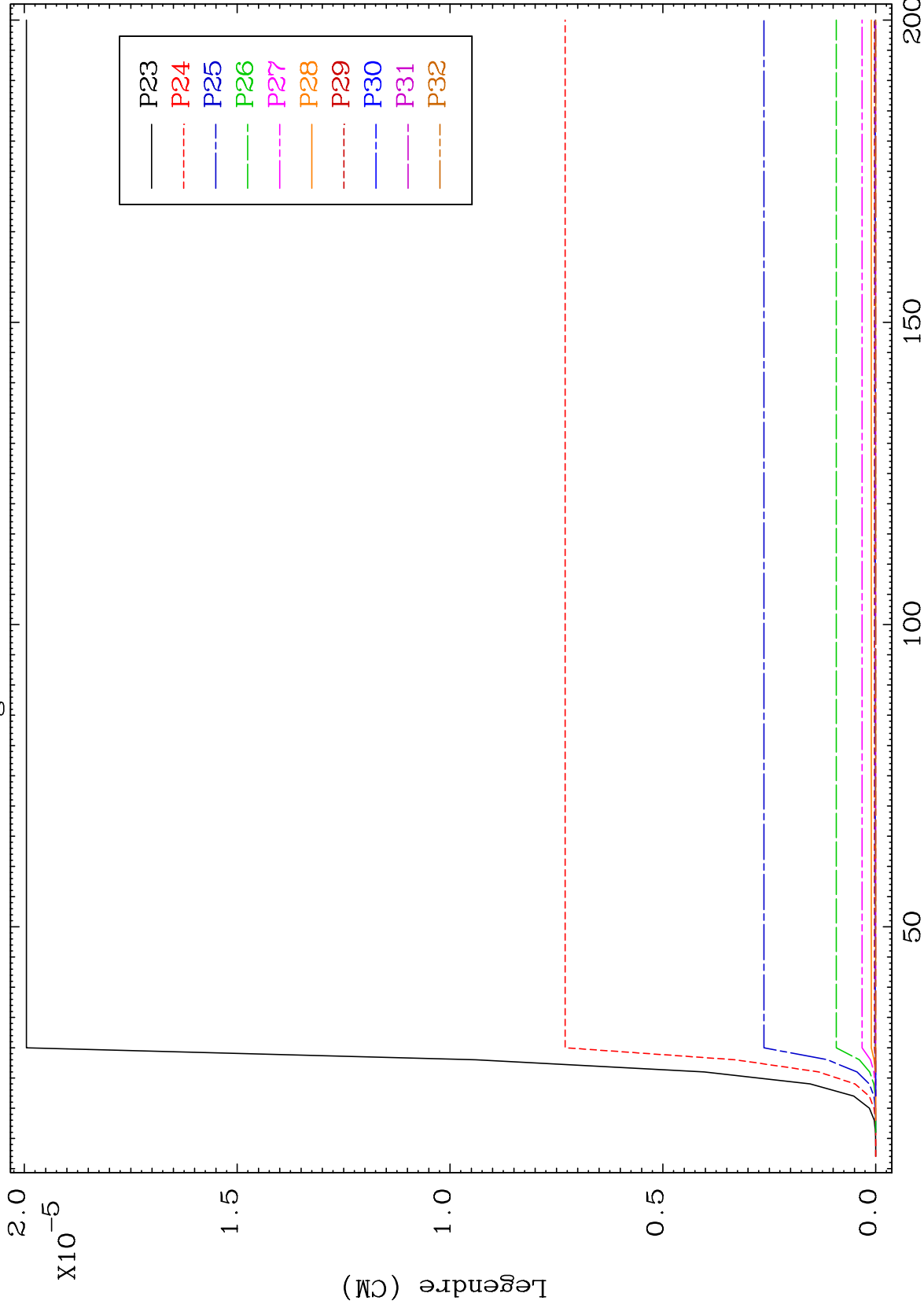
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



21

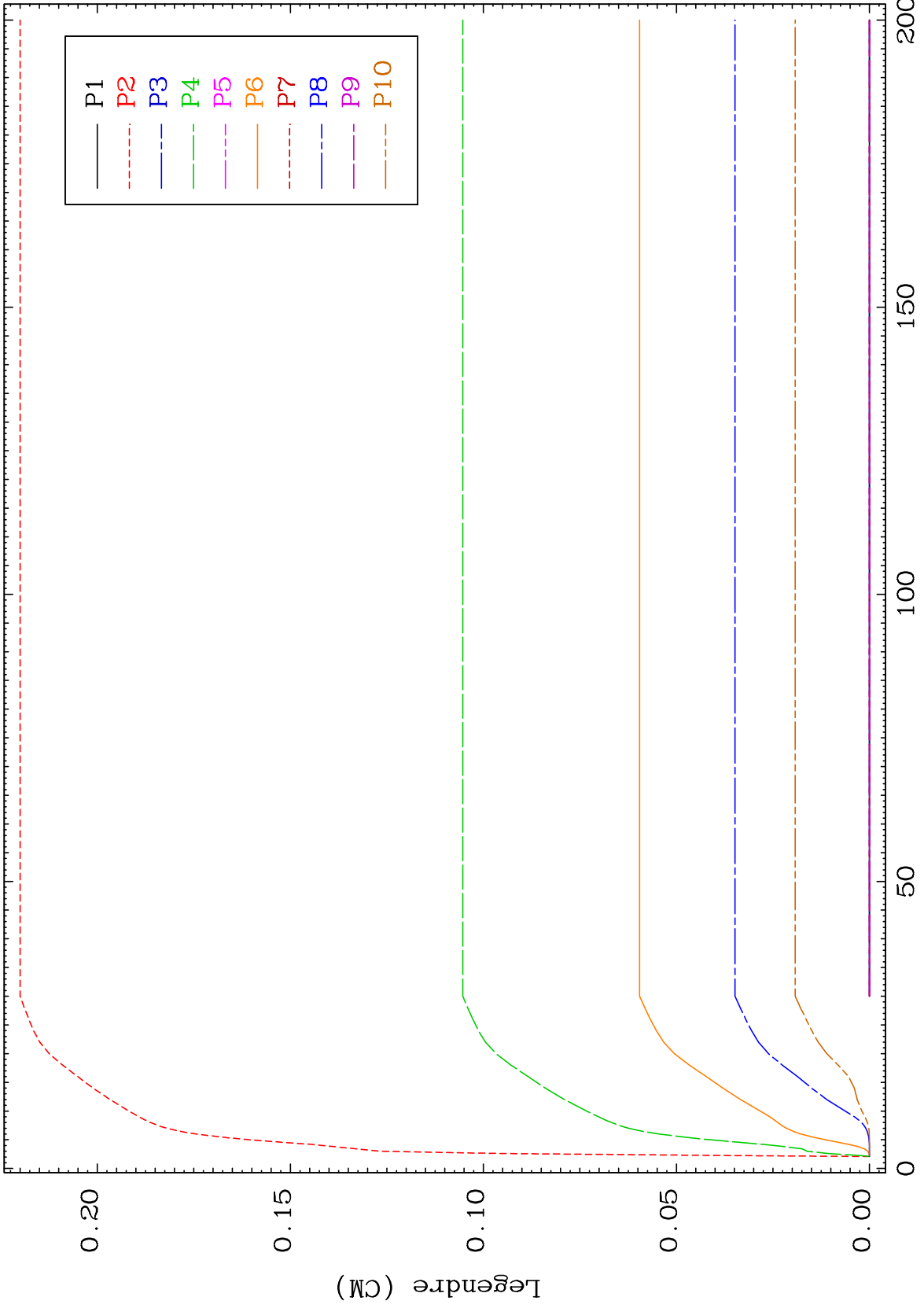
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



22

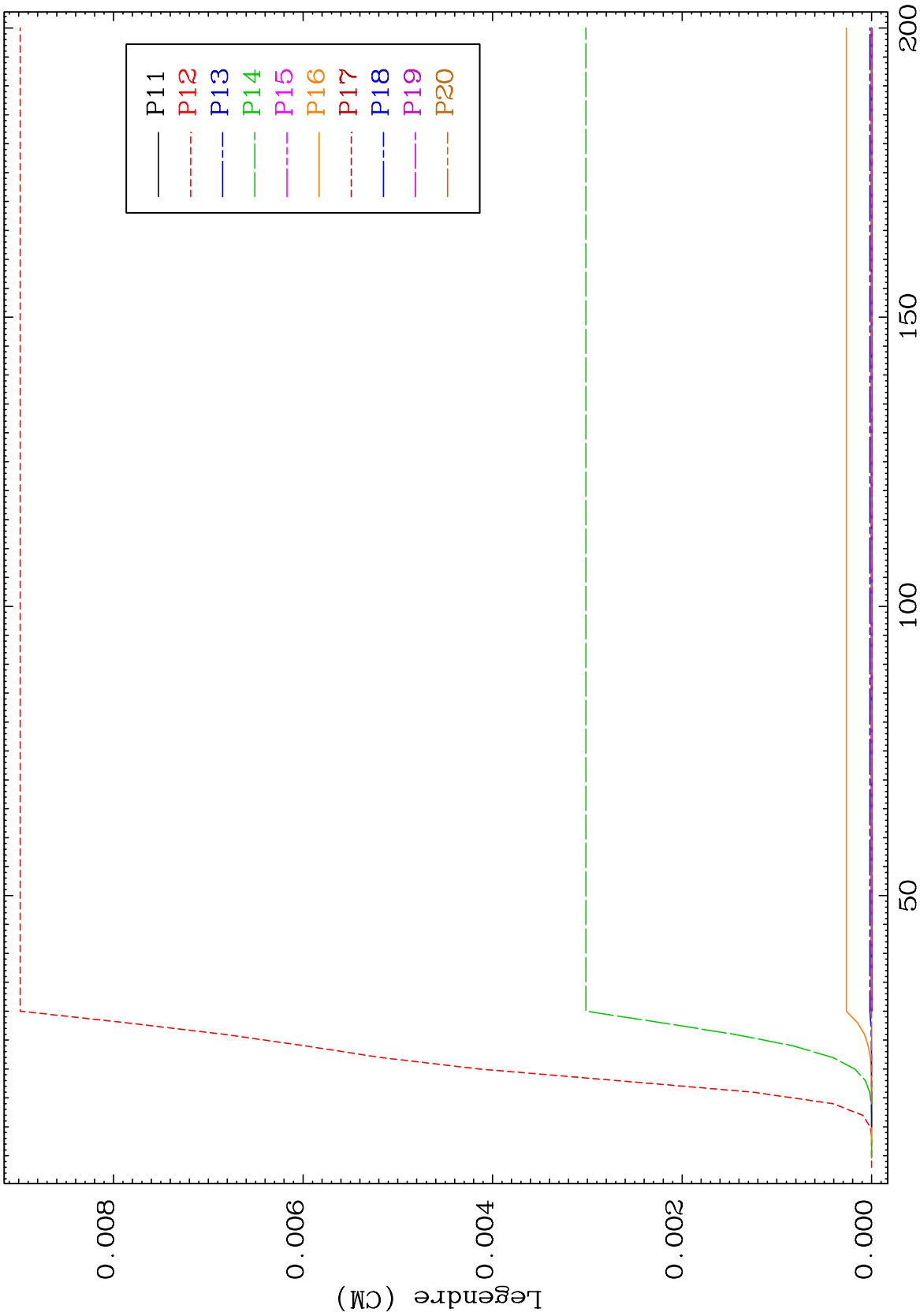
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



23

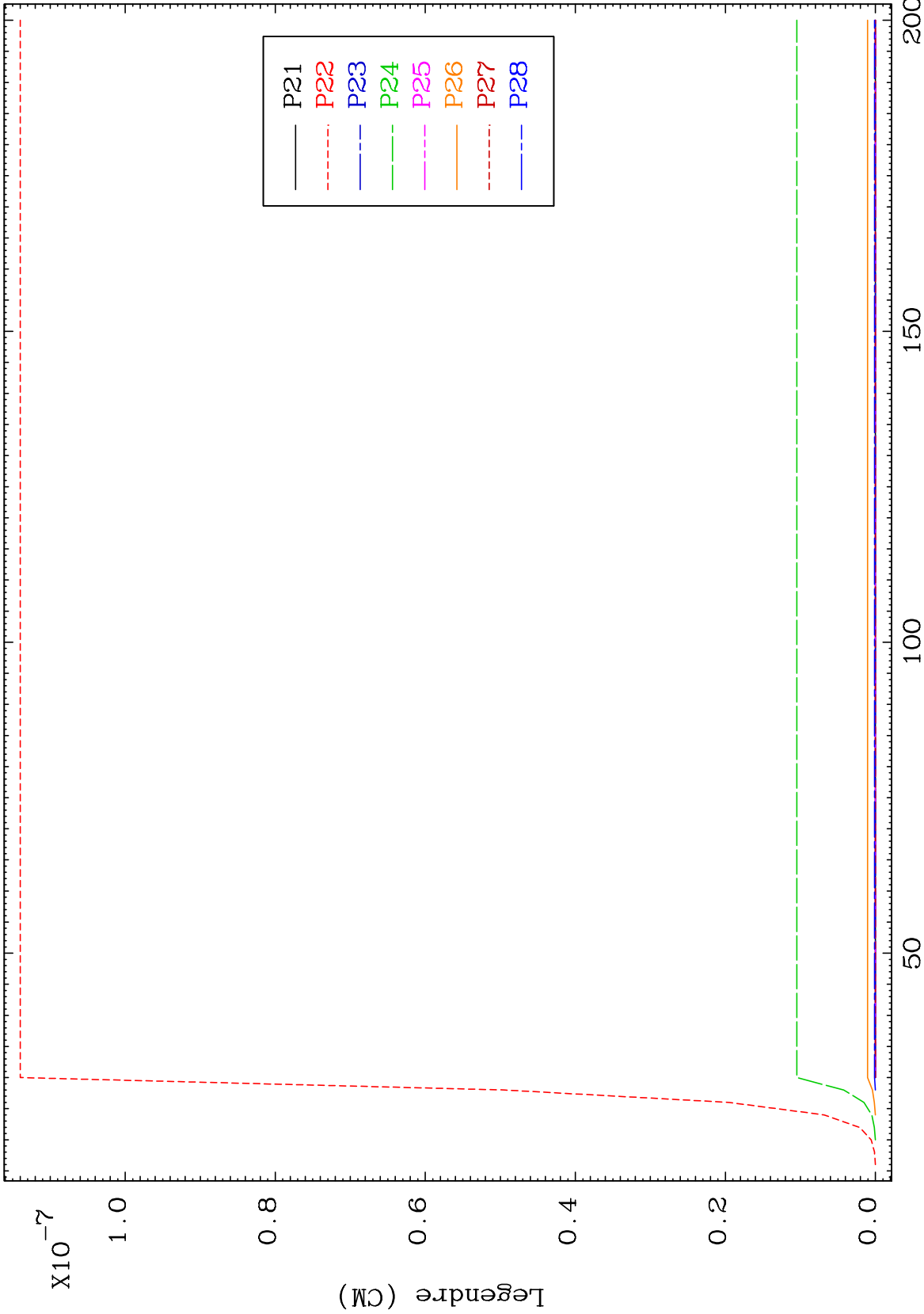
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



24

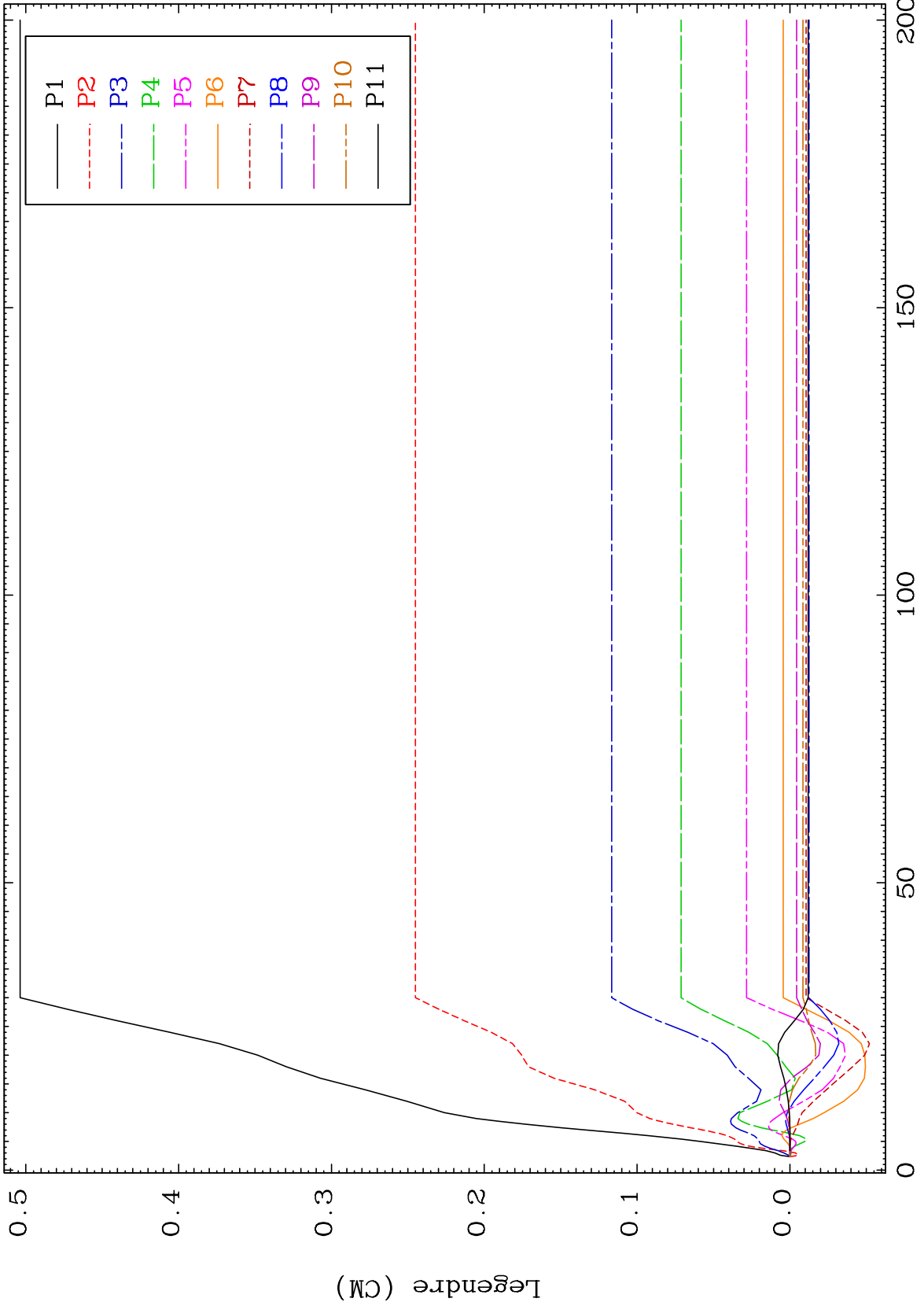
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



25

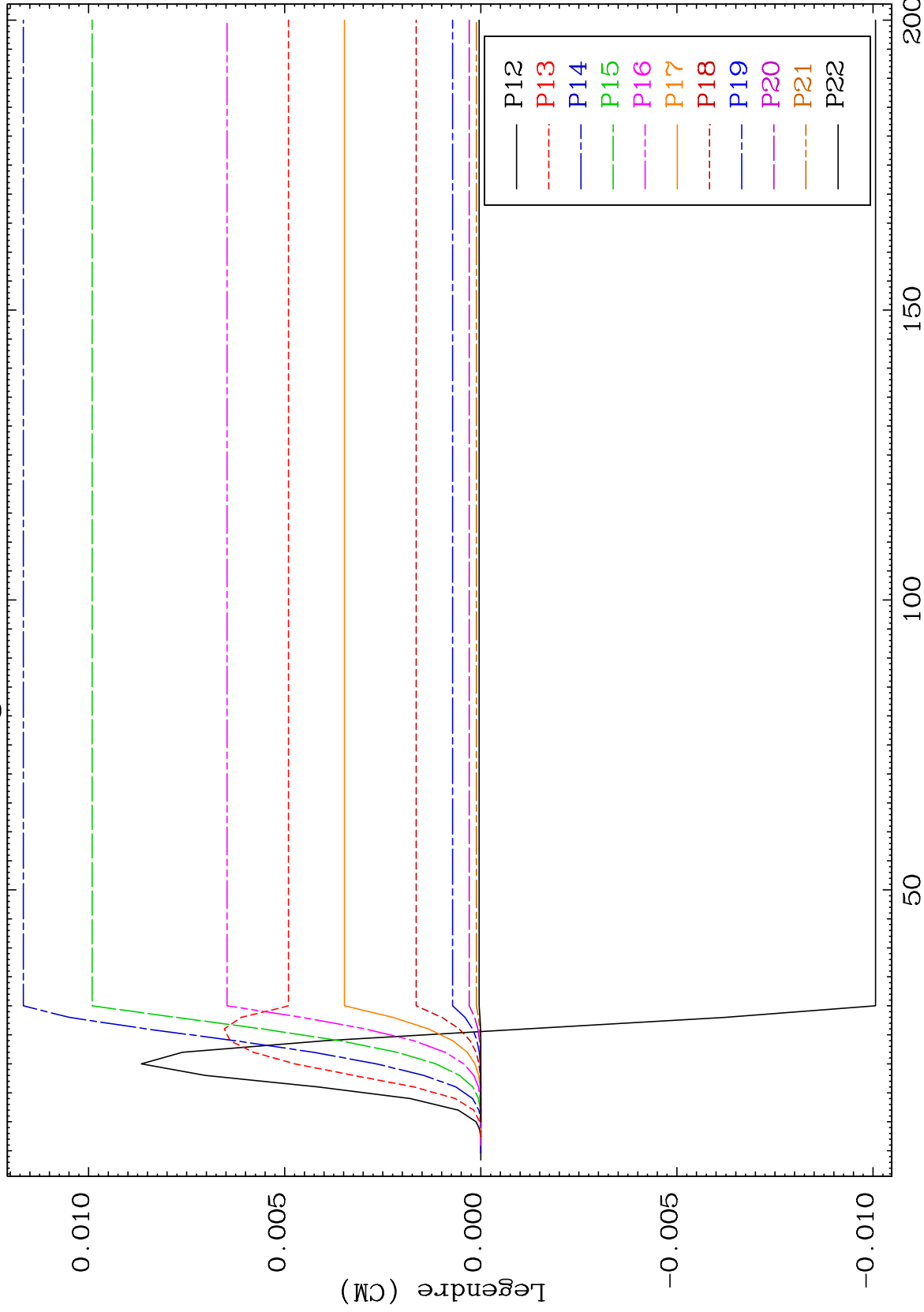
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



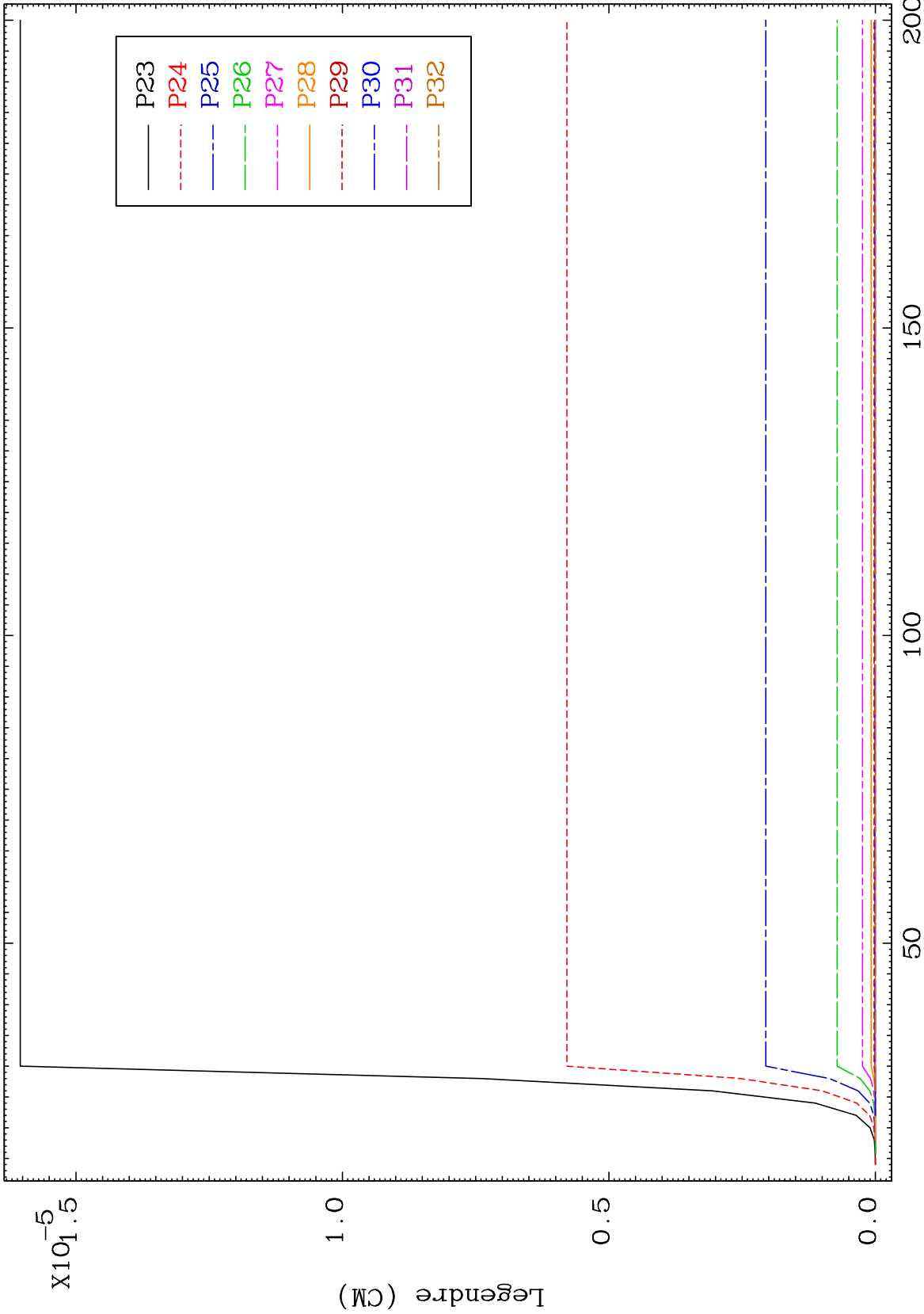
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28-Ni-62

MAT 2837

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

28-Ni-62



27

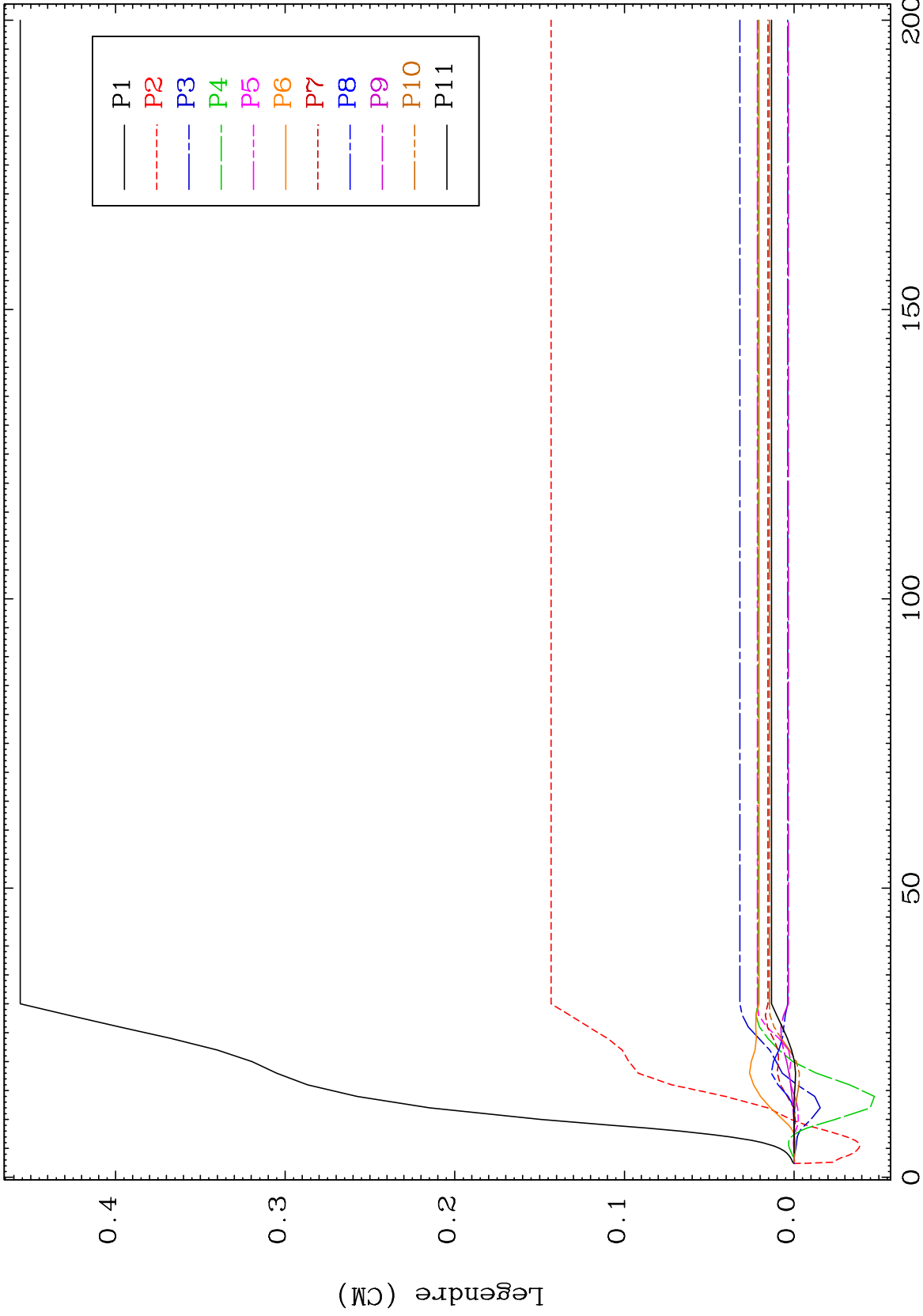
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



28

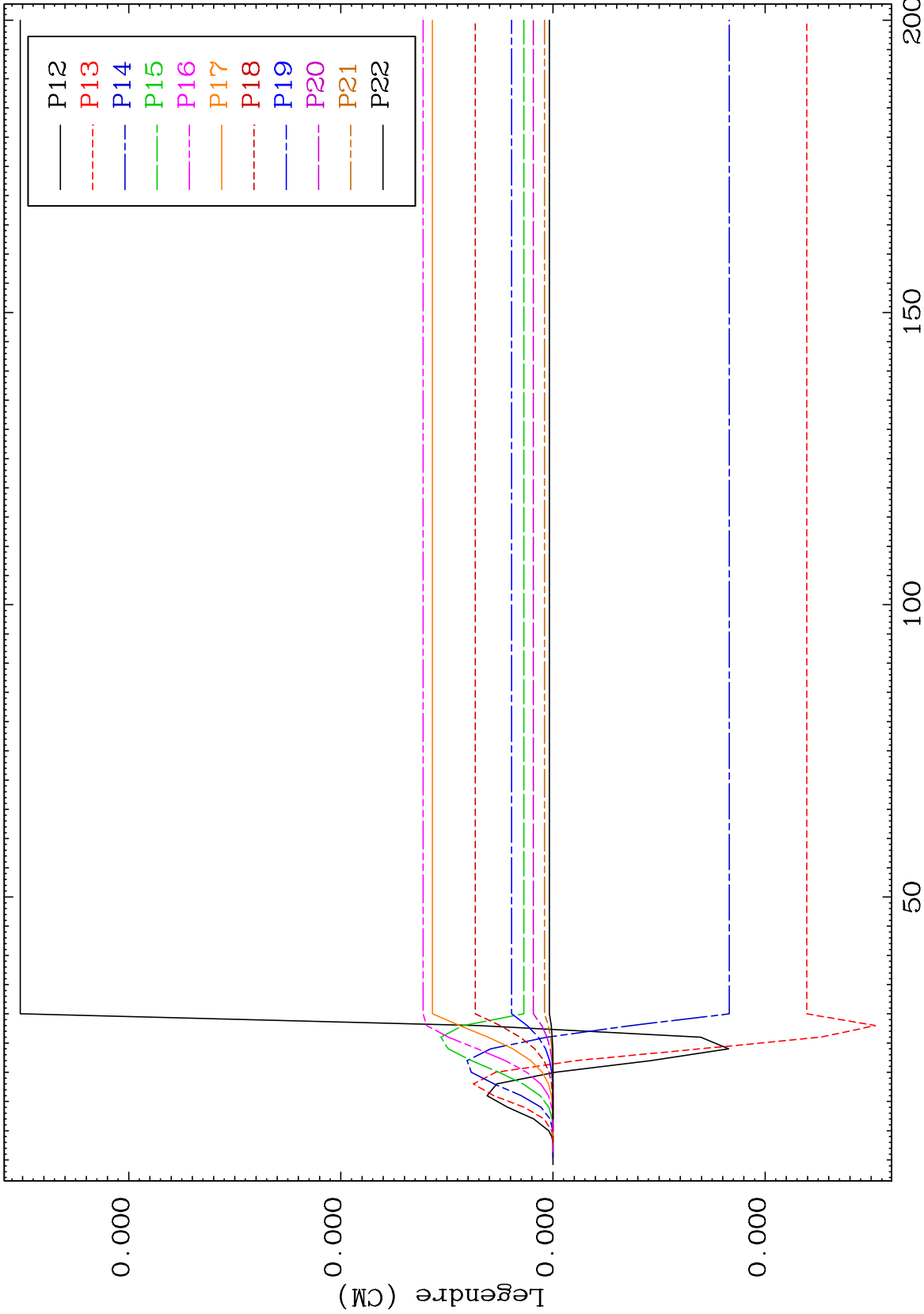
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



29

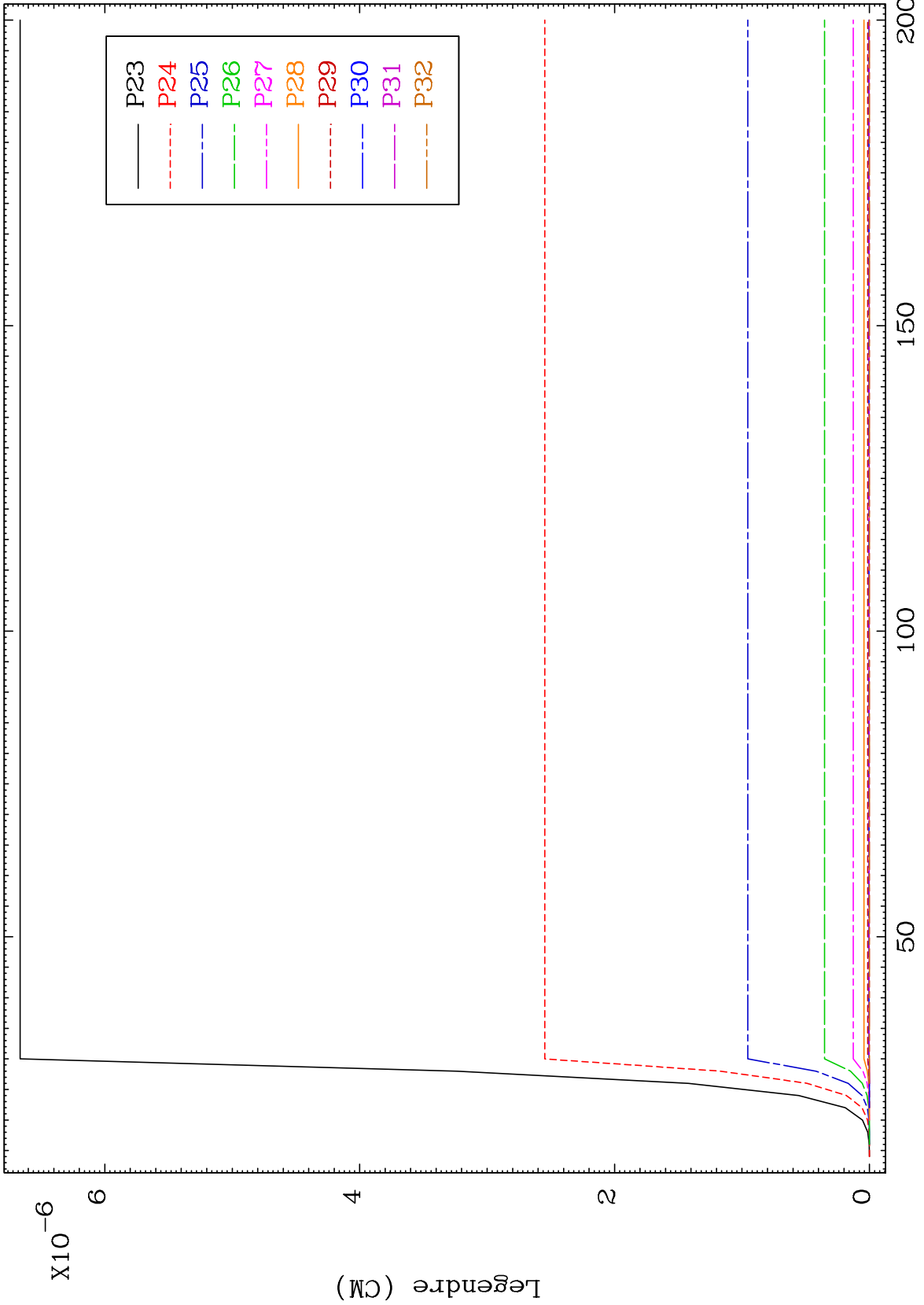
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



30

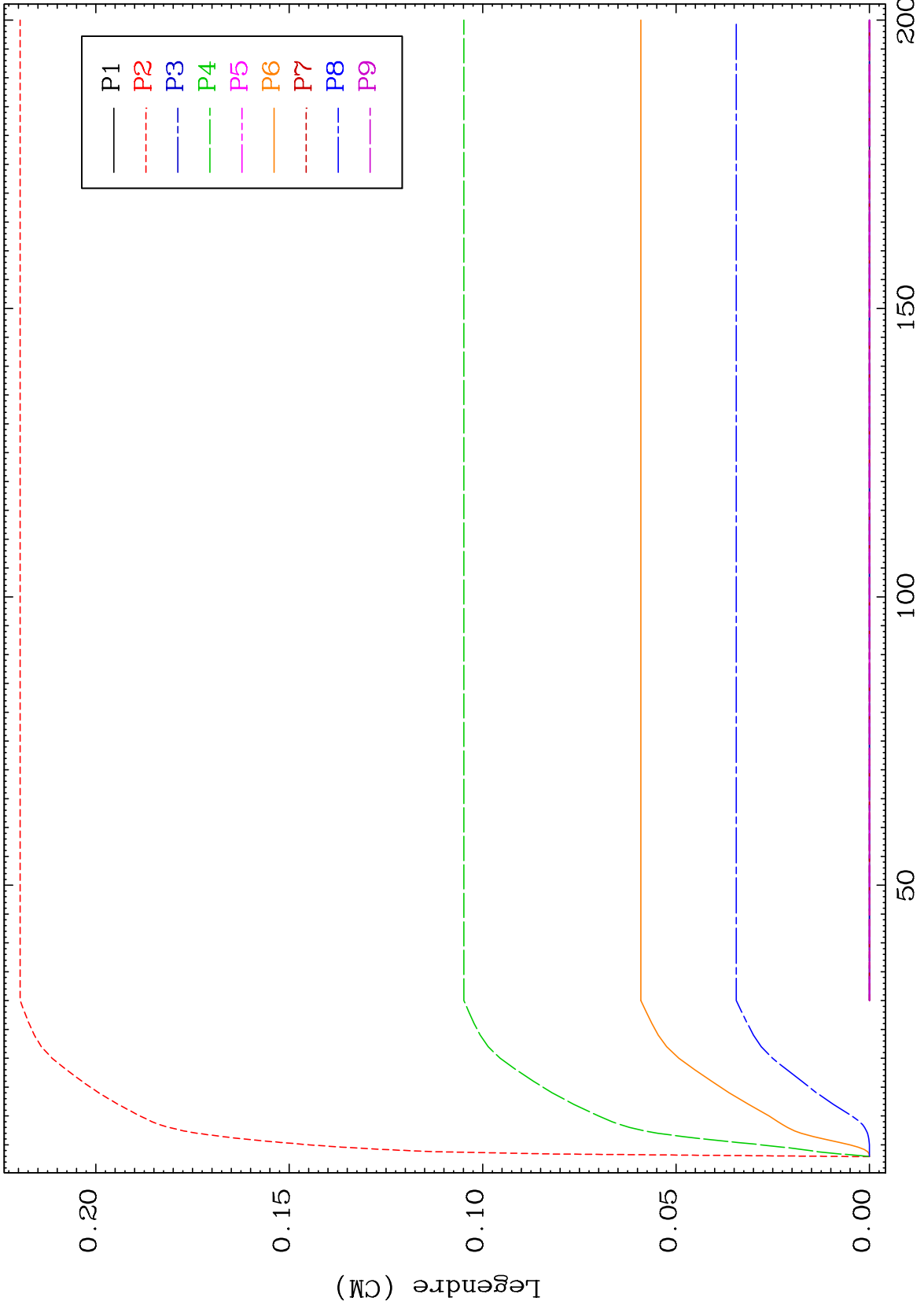
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



31

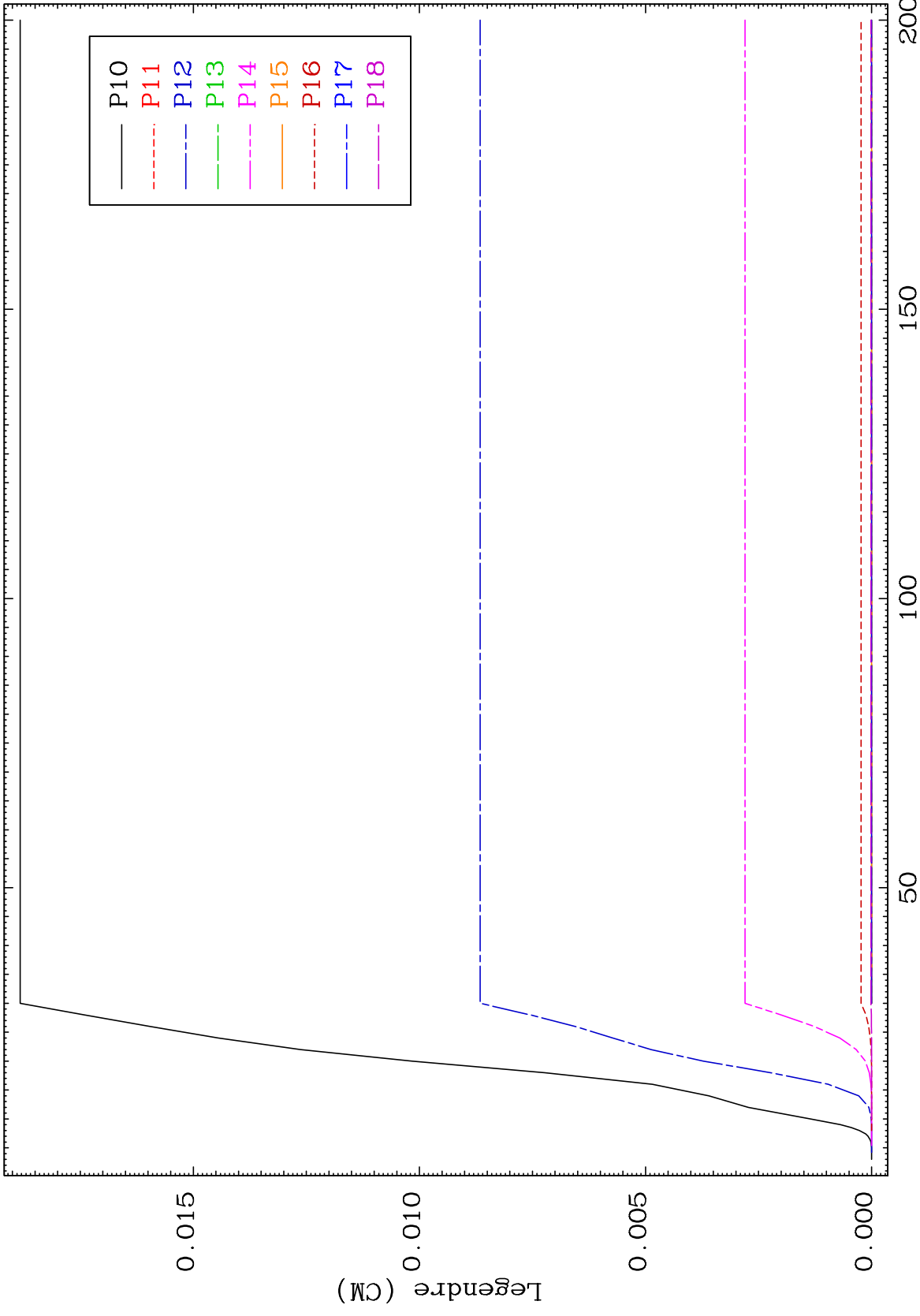
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



32

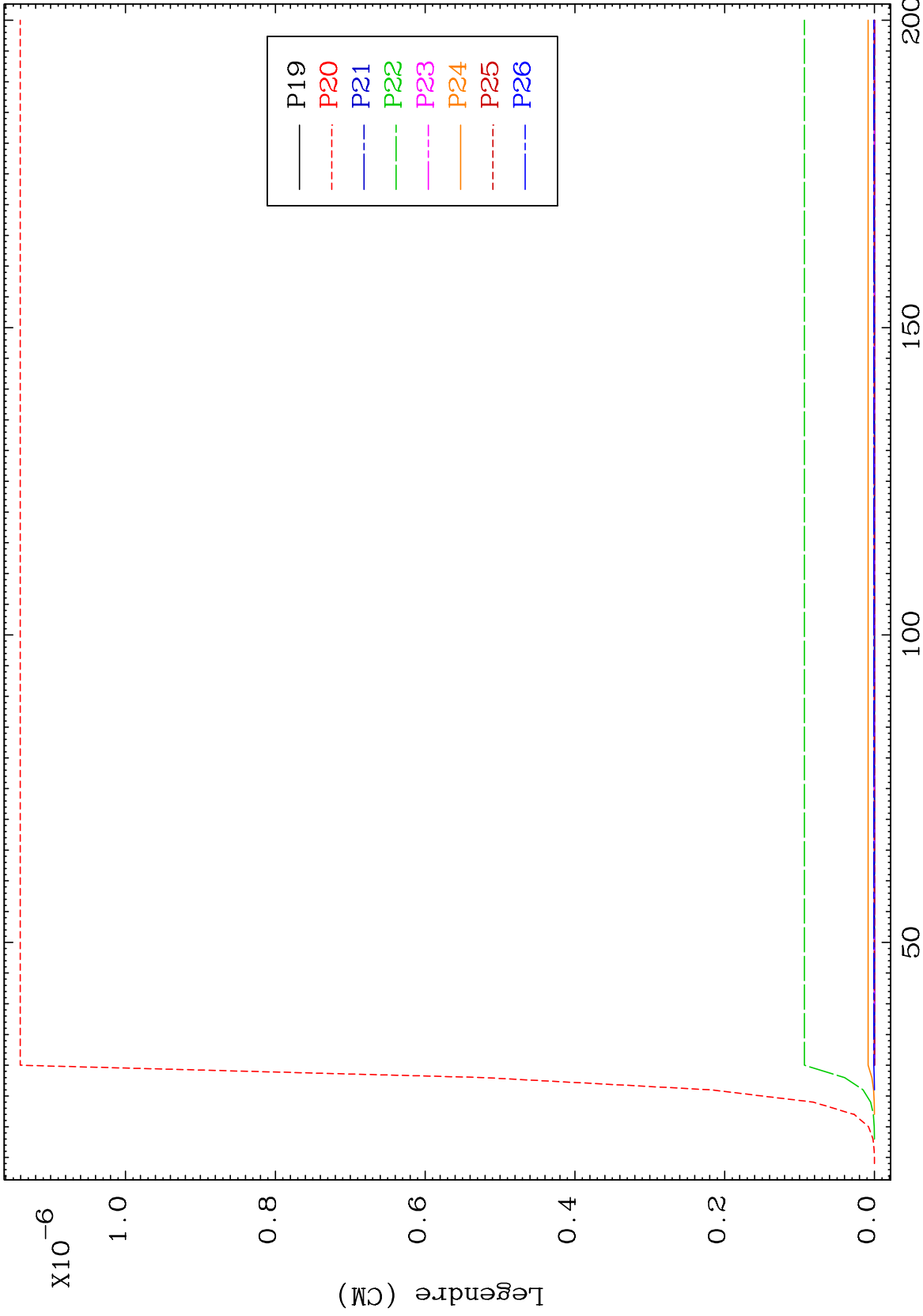
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



33

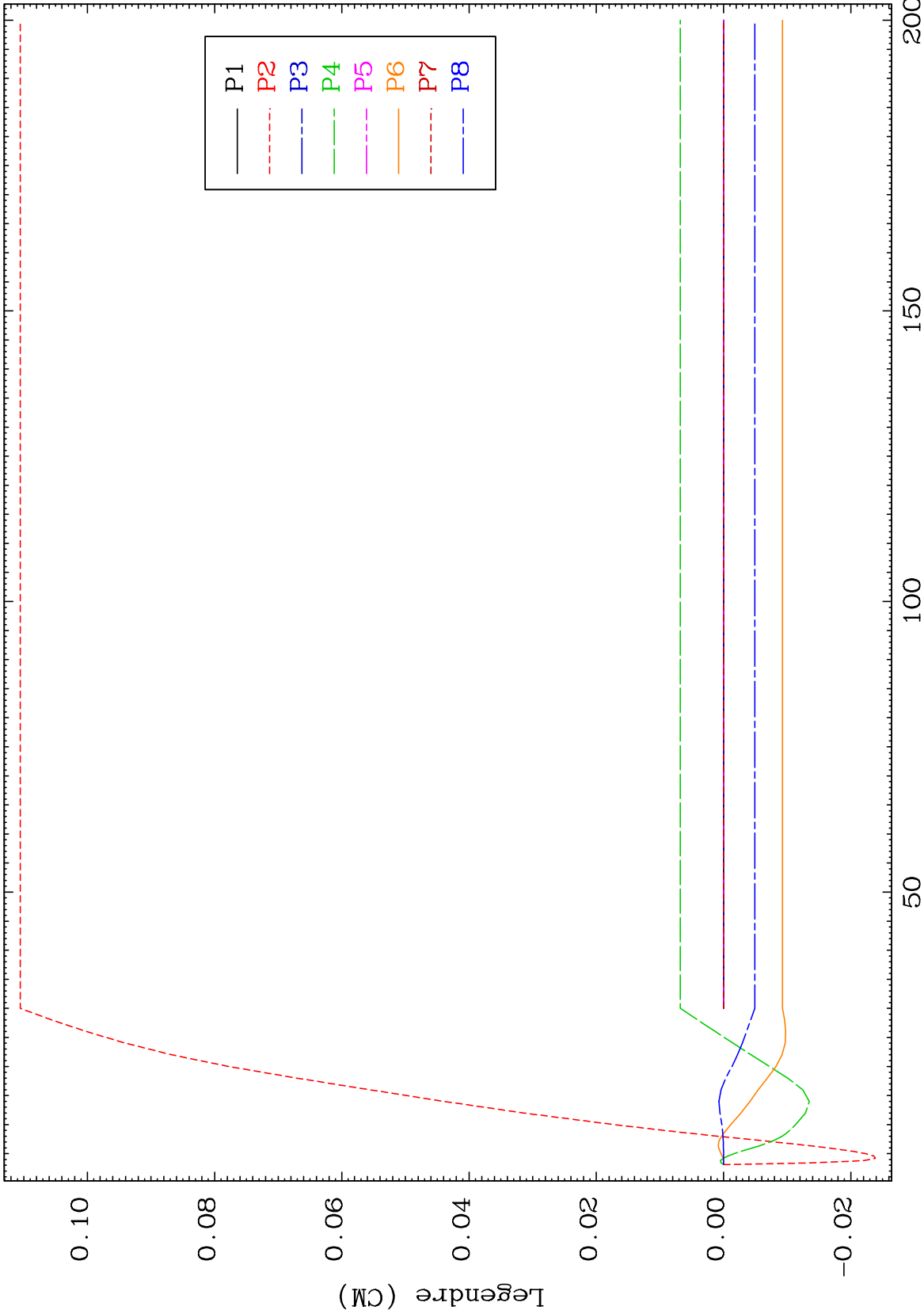
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



34

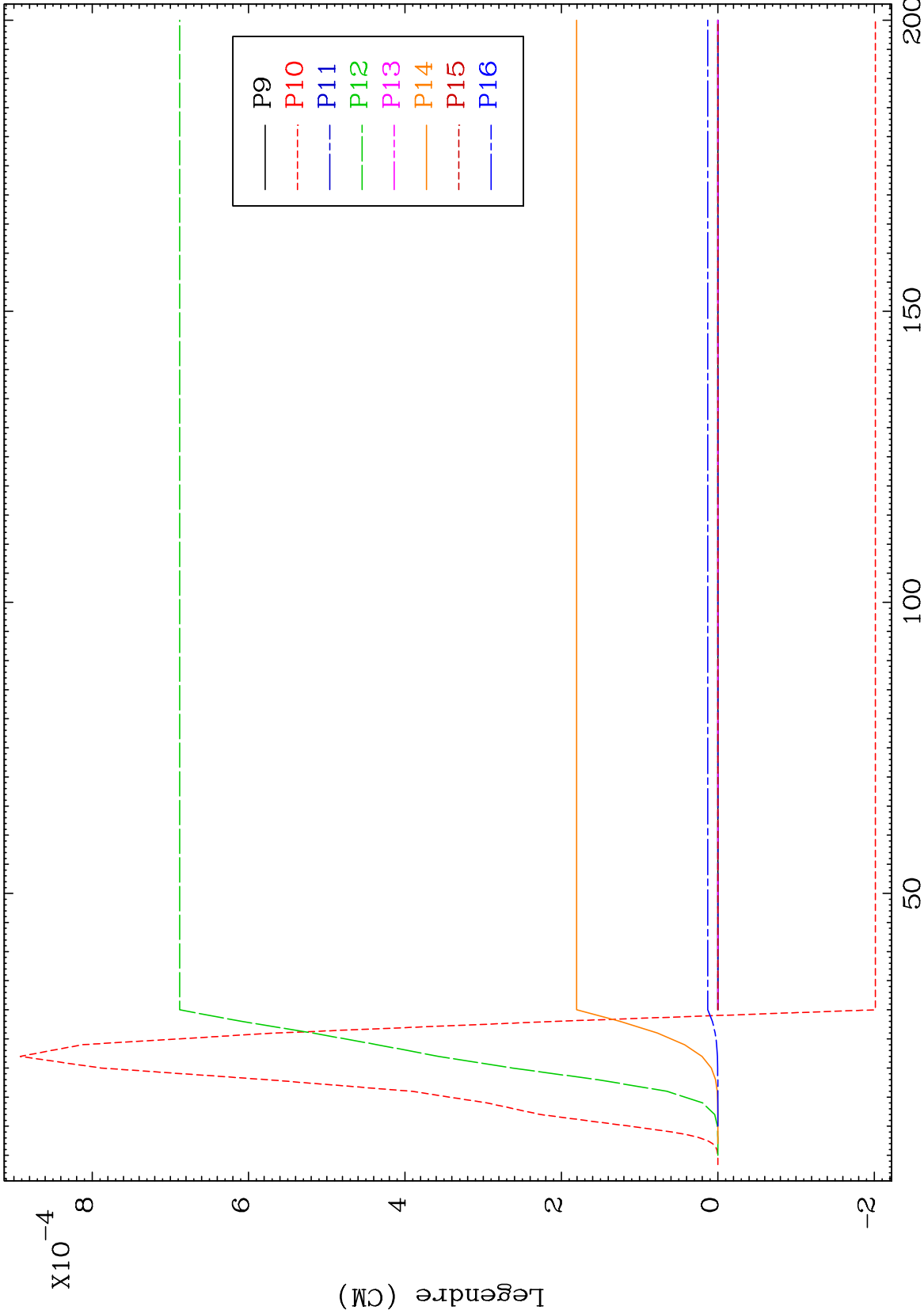
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



35

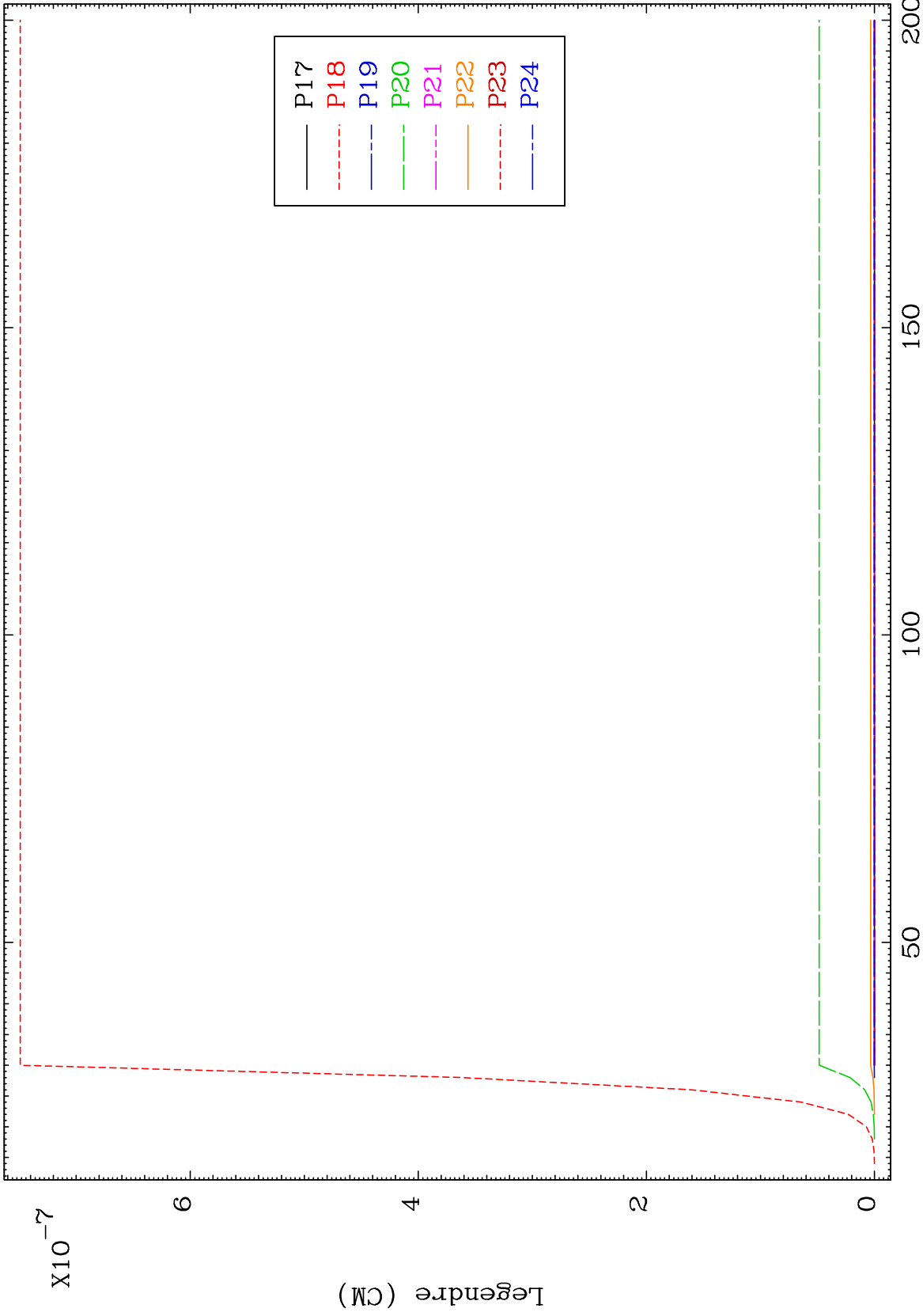
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



36

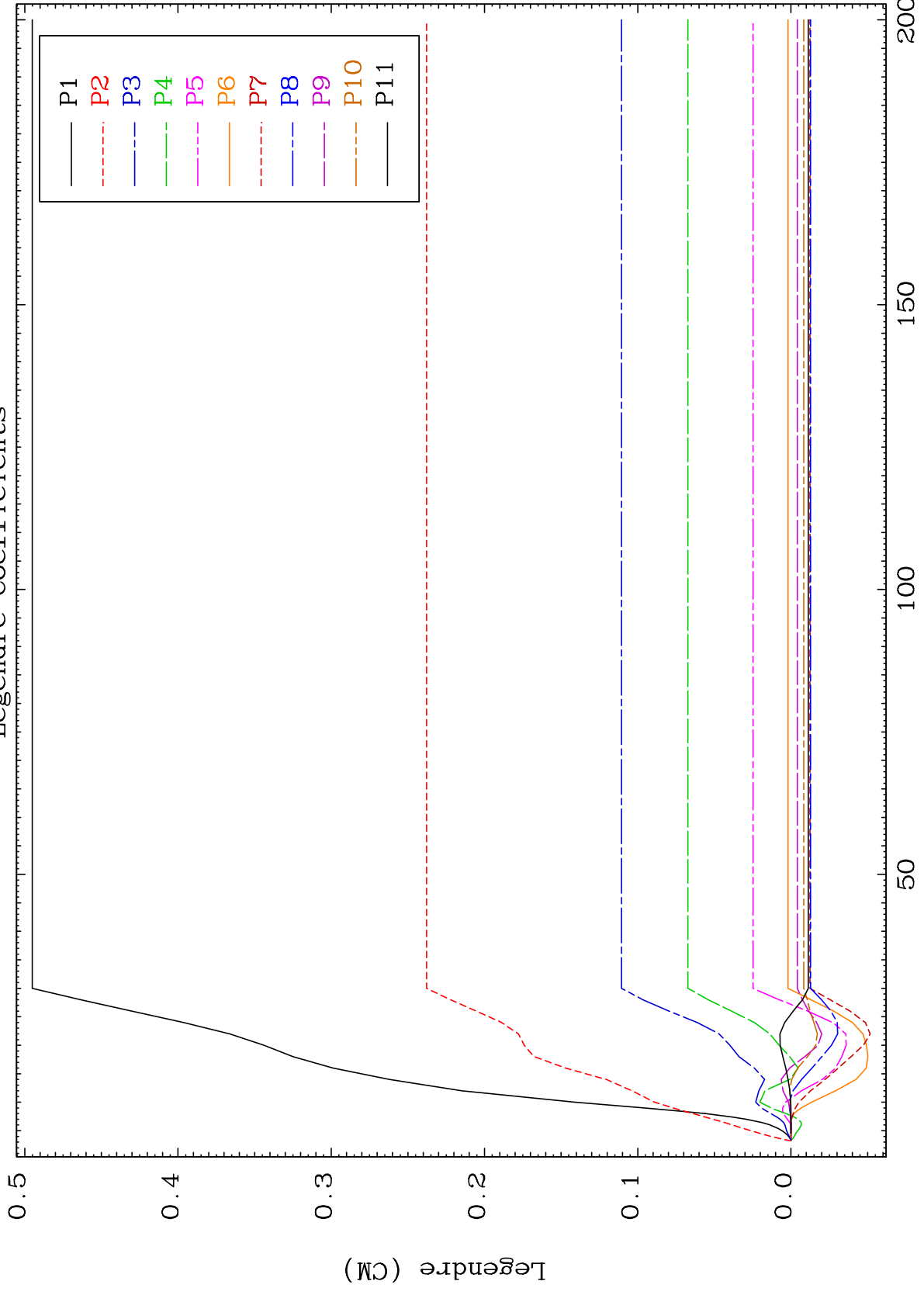
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



37

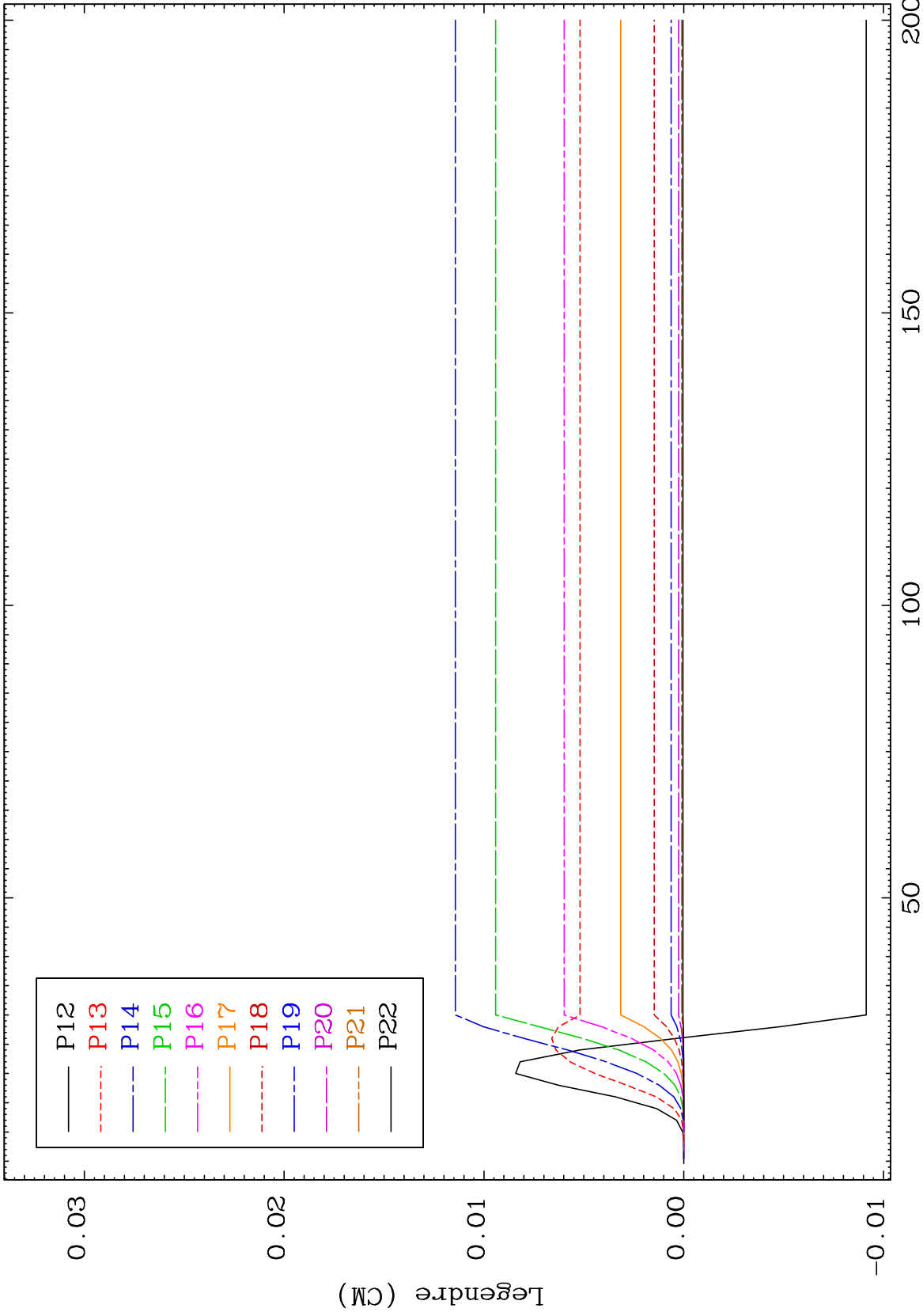
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



38

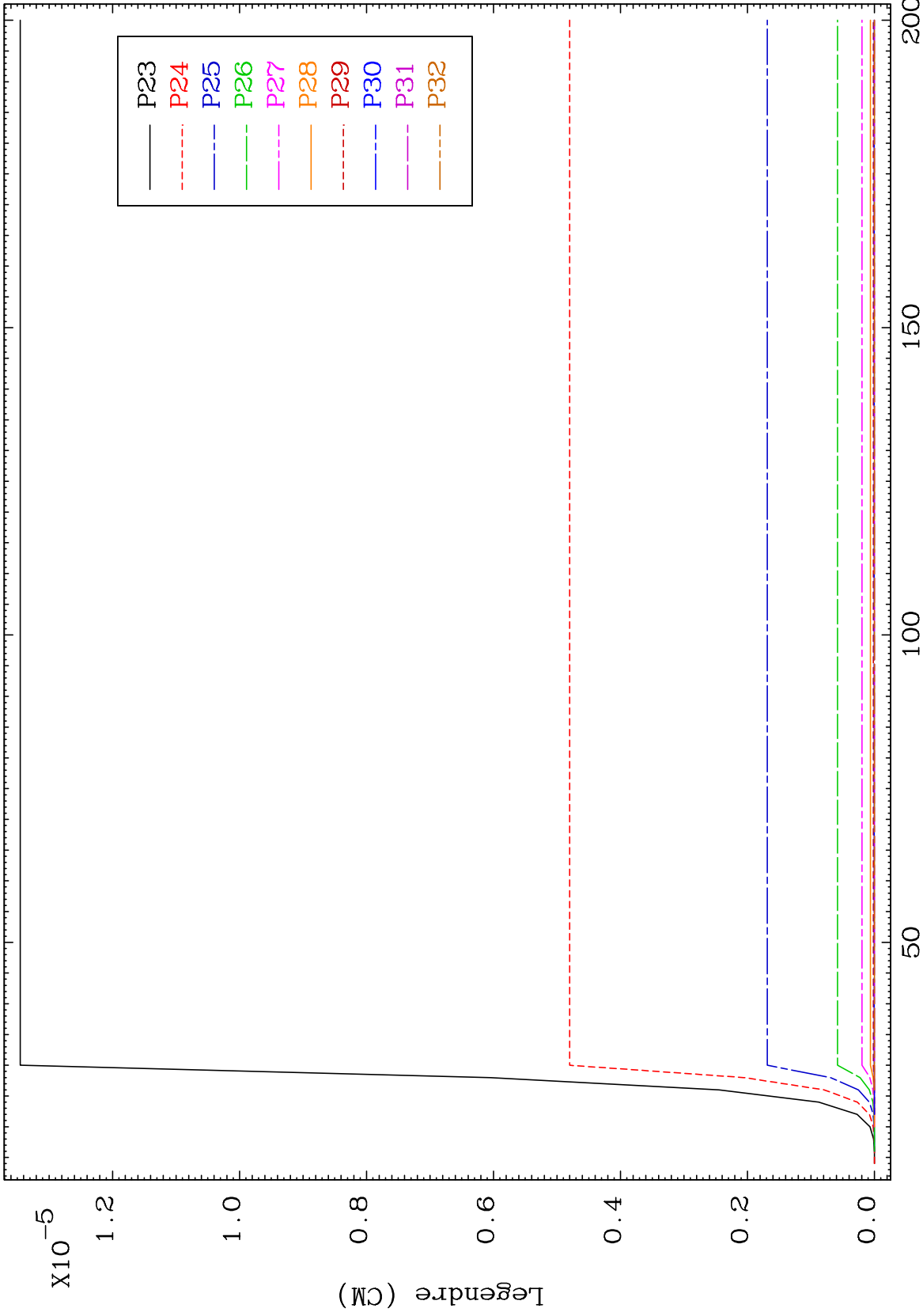
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



39

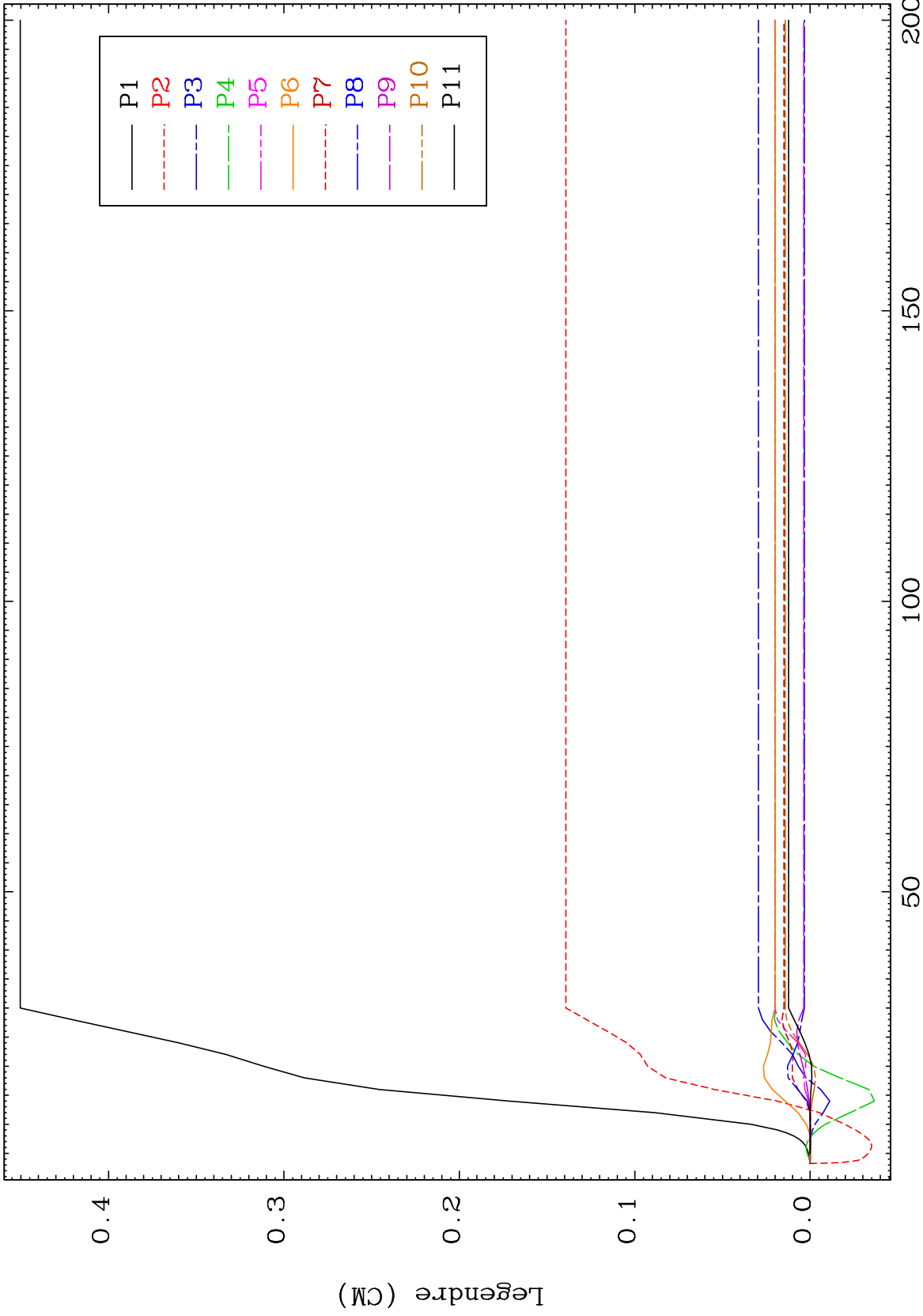
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



40

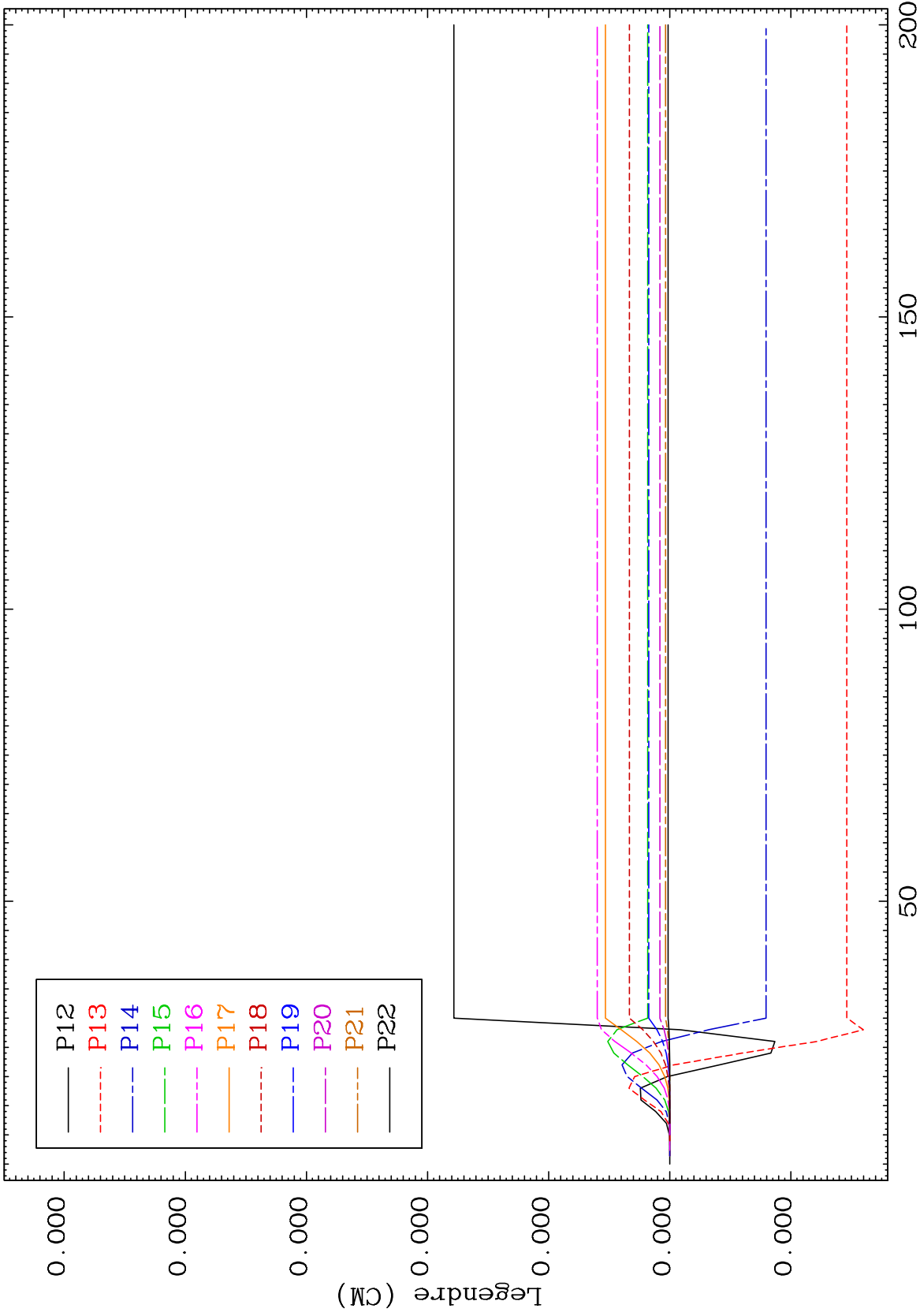
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

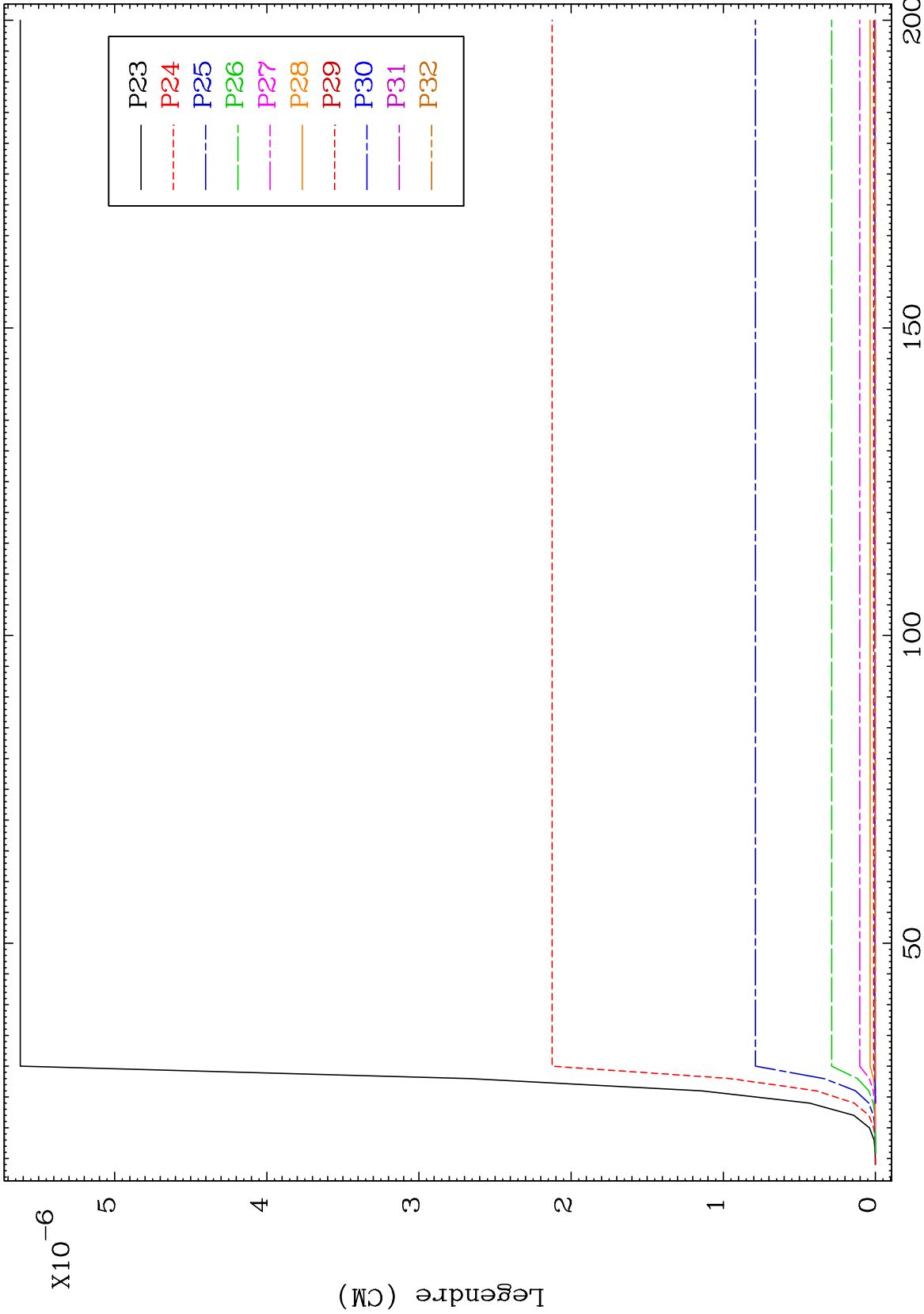
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MAT 2837

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

28-Ni-62



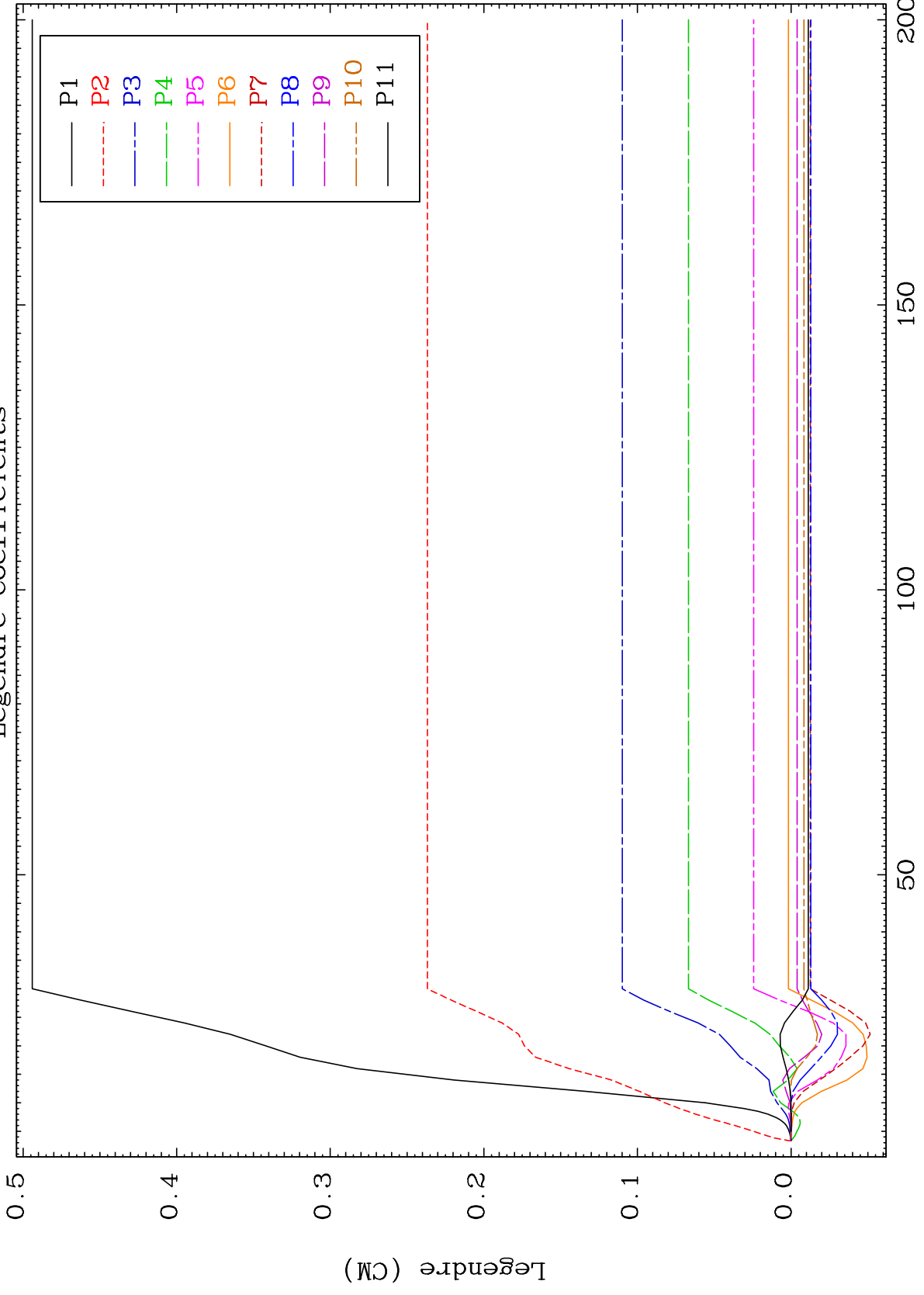
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Incident Energy (MeV)

28-Ni-62

MAT 2837 MT= 59 (n,n') Level Legendre Coefficients

28-Ni-62



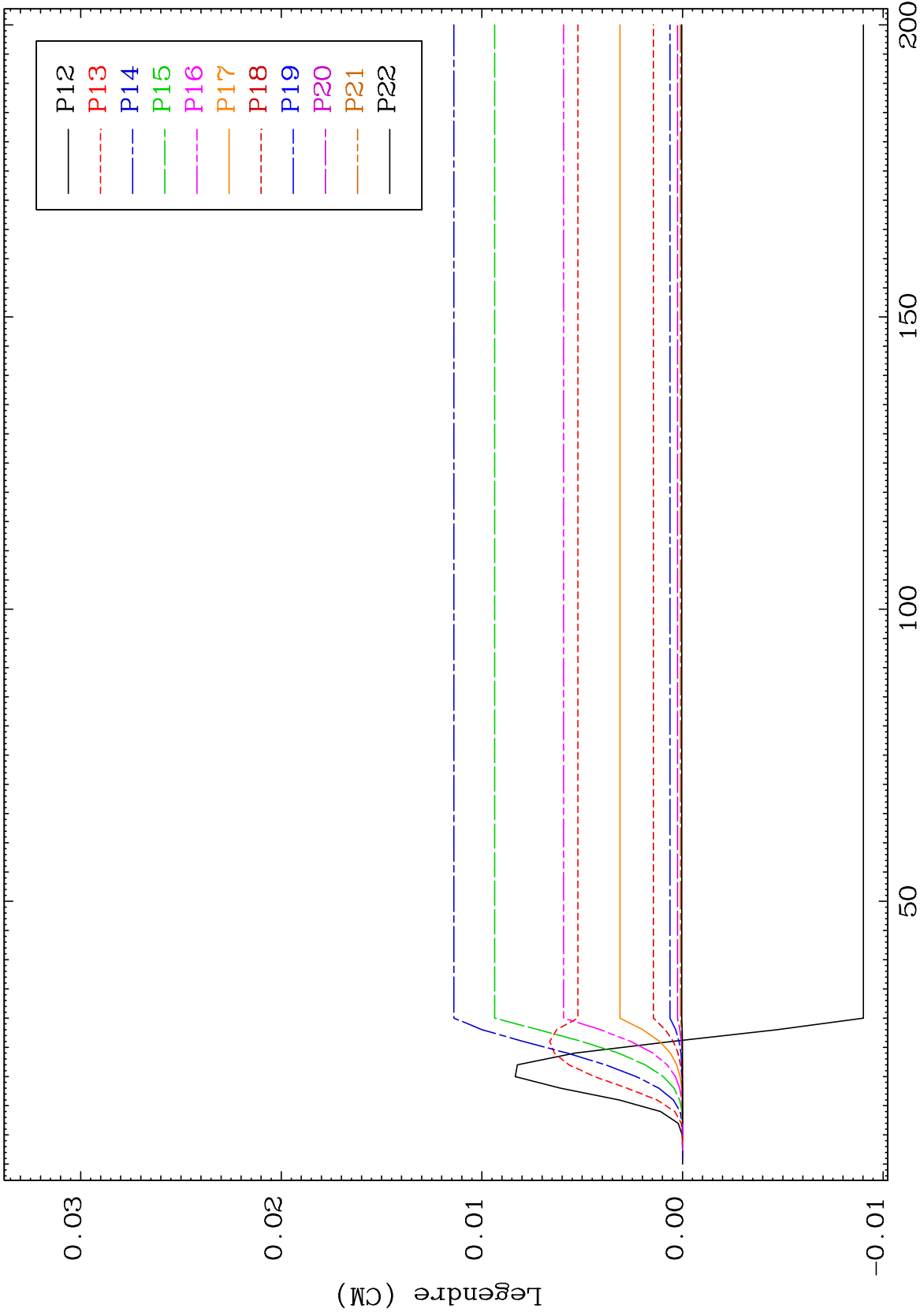
28-Ni-62

Incident Energy (MeV)

MAT 2837

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

28-Ni-62



44

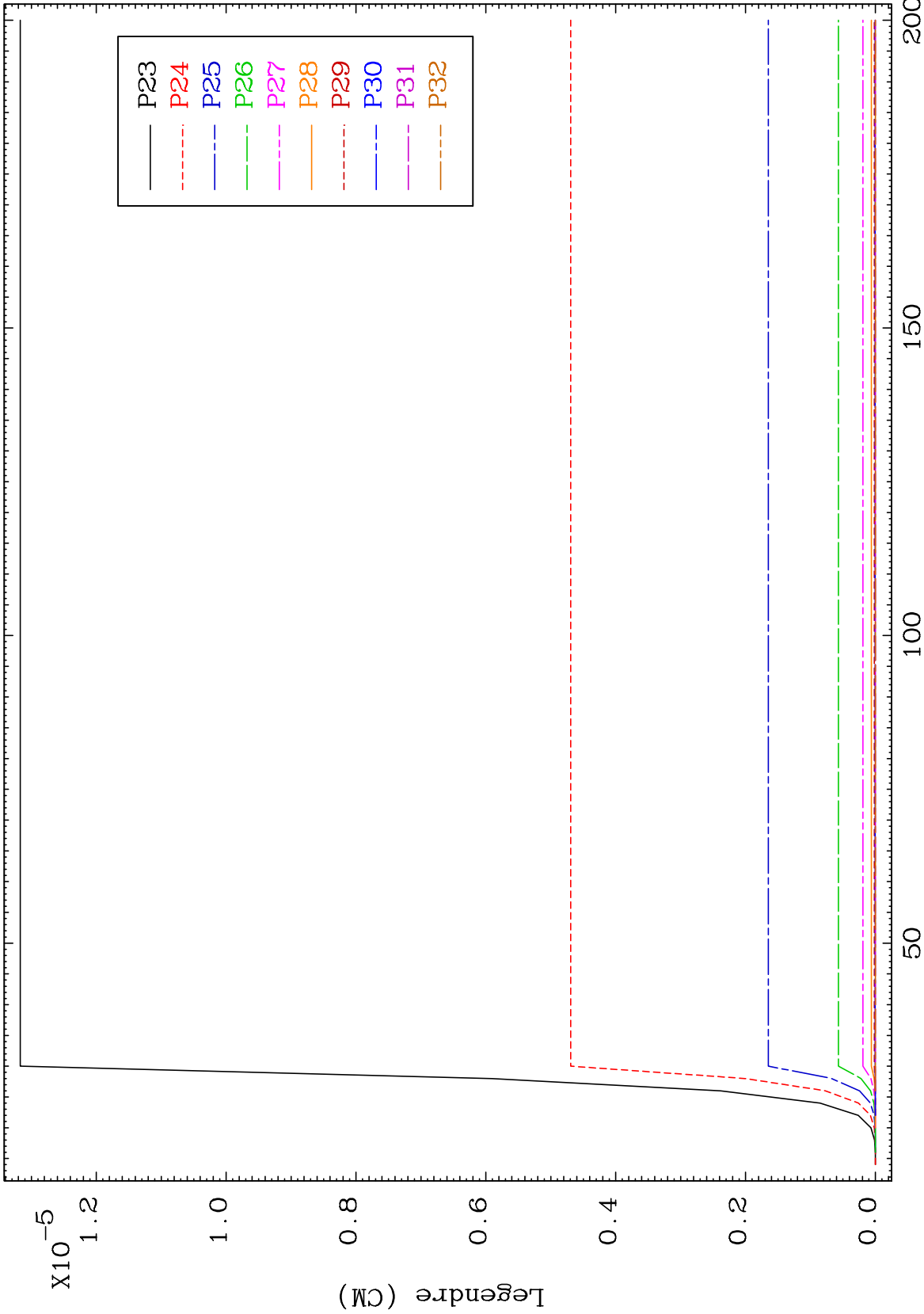
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62

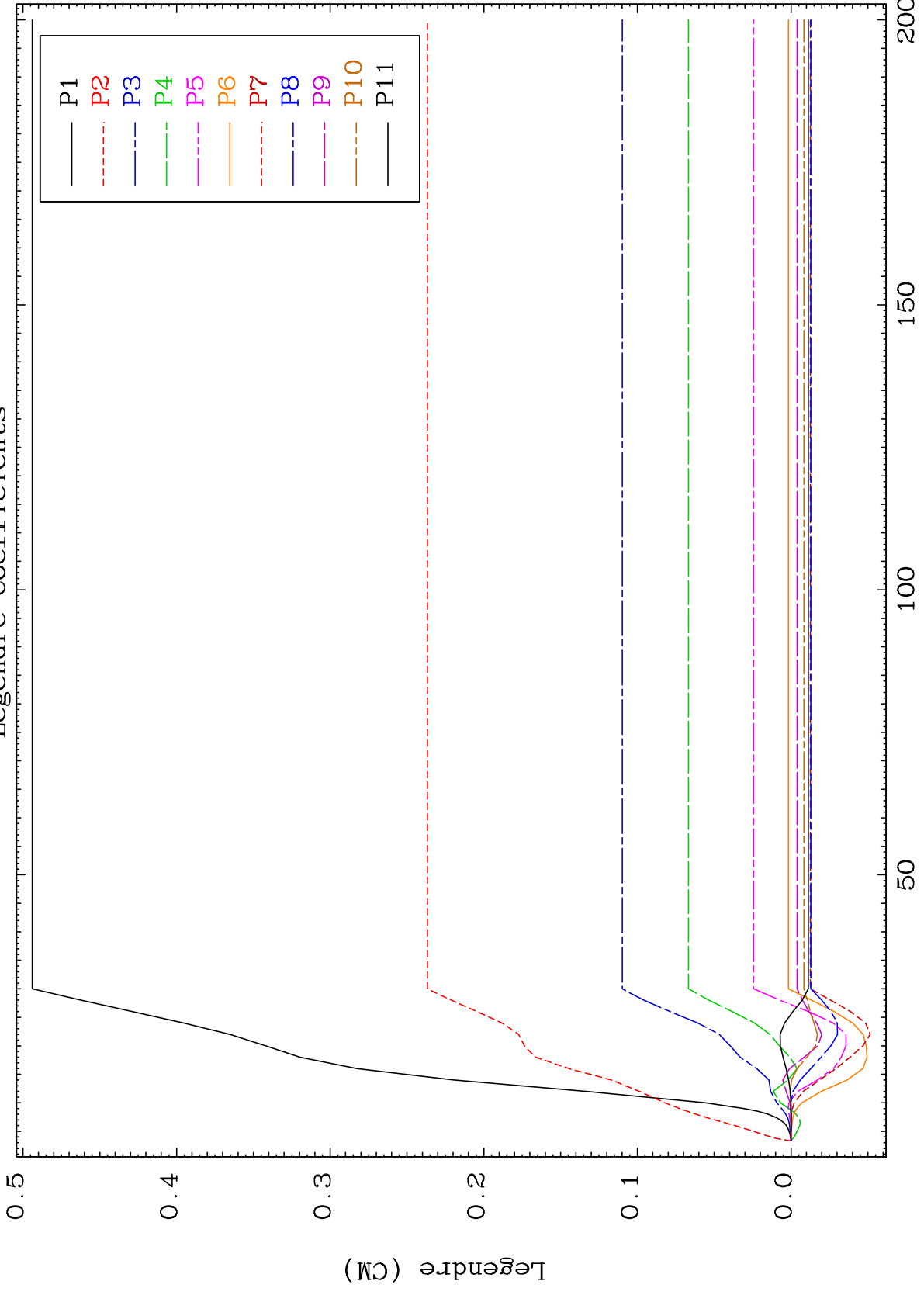


45

Incident Energy (MeV)

28-Ni-62

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

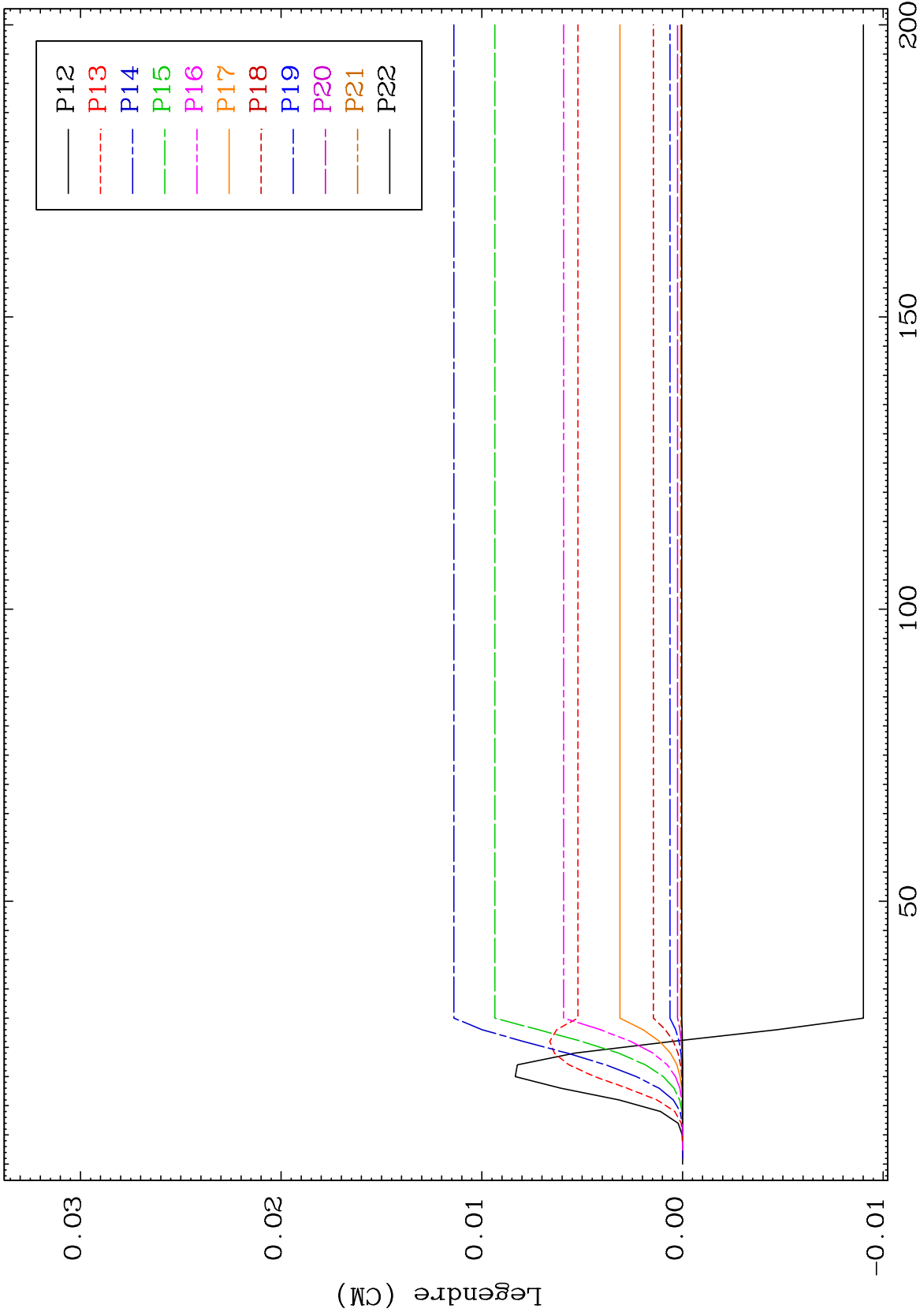


46 Incident Energy (MeV) 28-Ni-62

MAT 2837

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

28-Ni-62



47

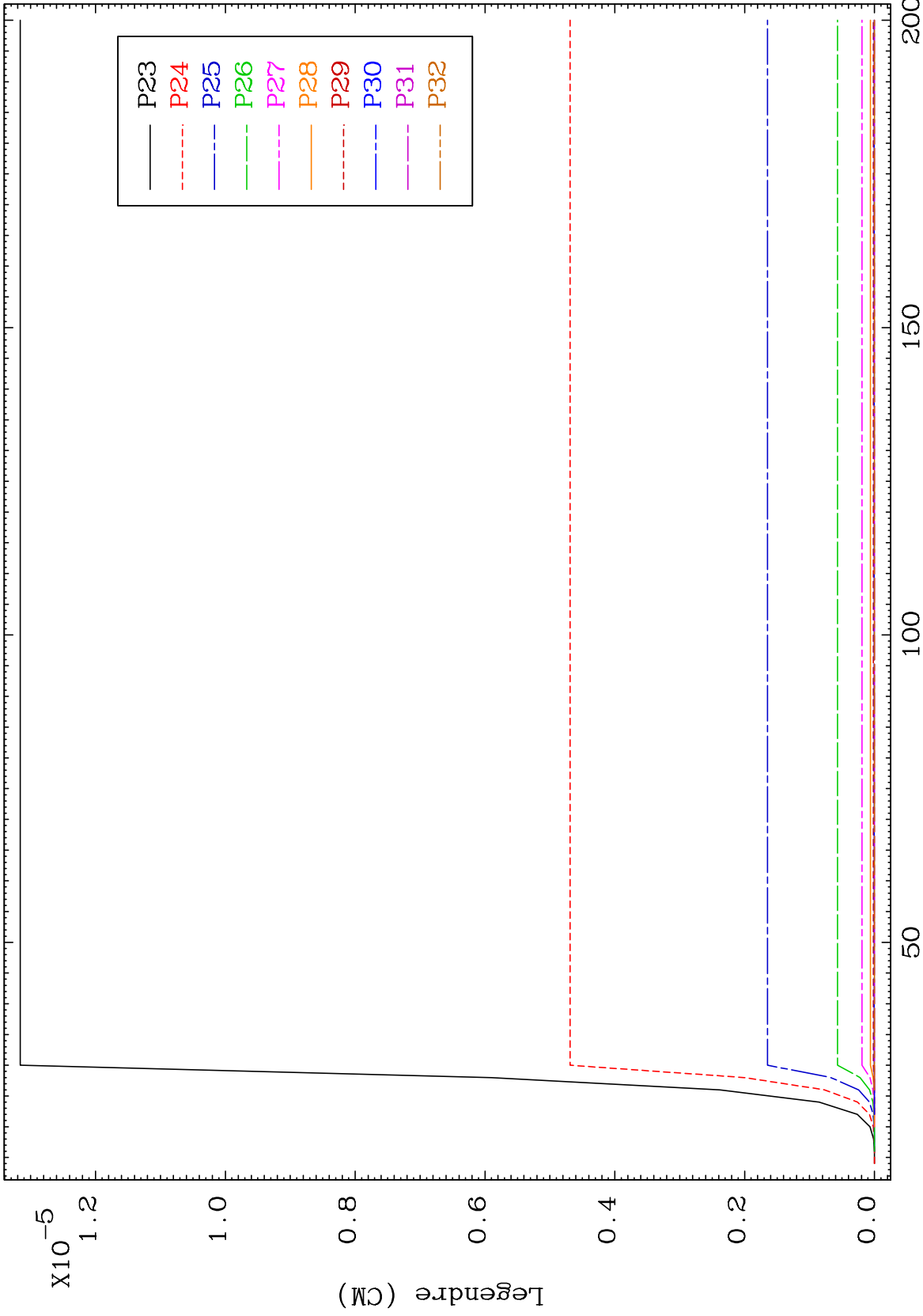
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



48

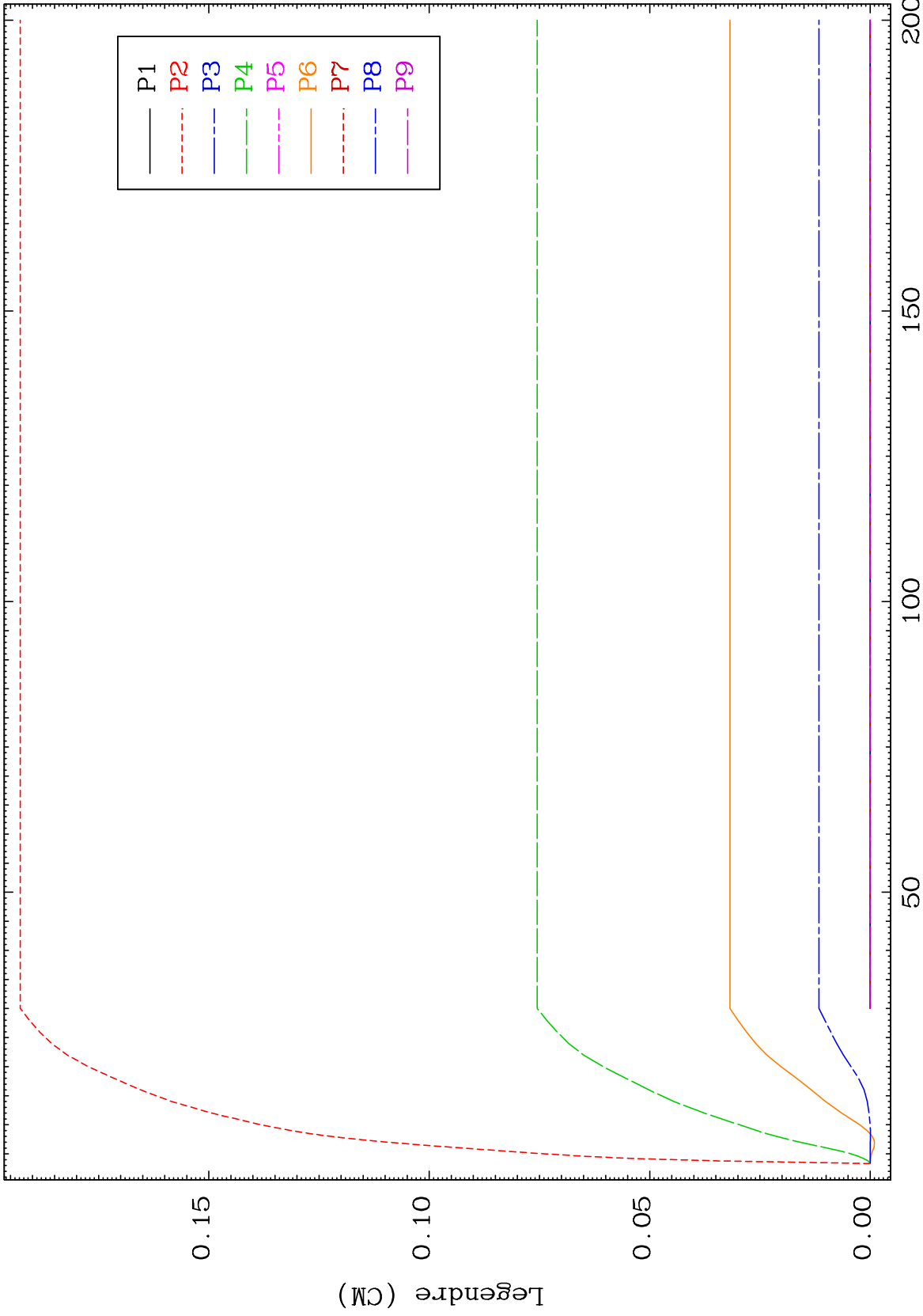
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



49

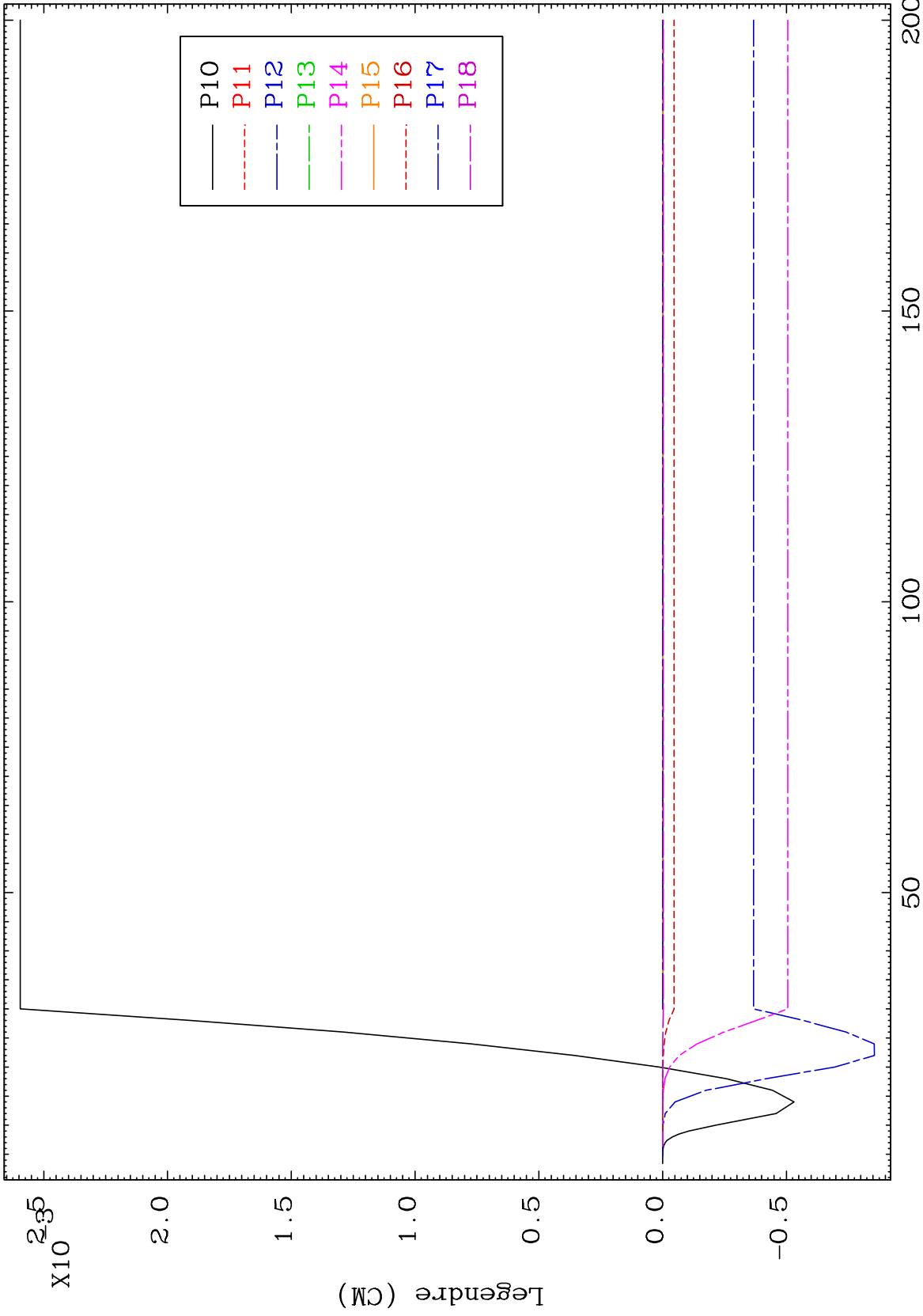
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



50

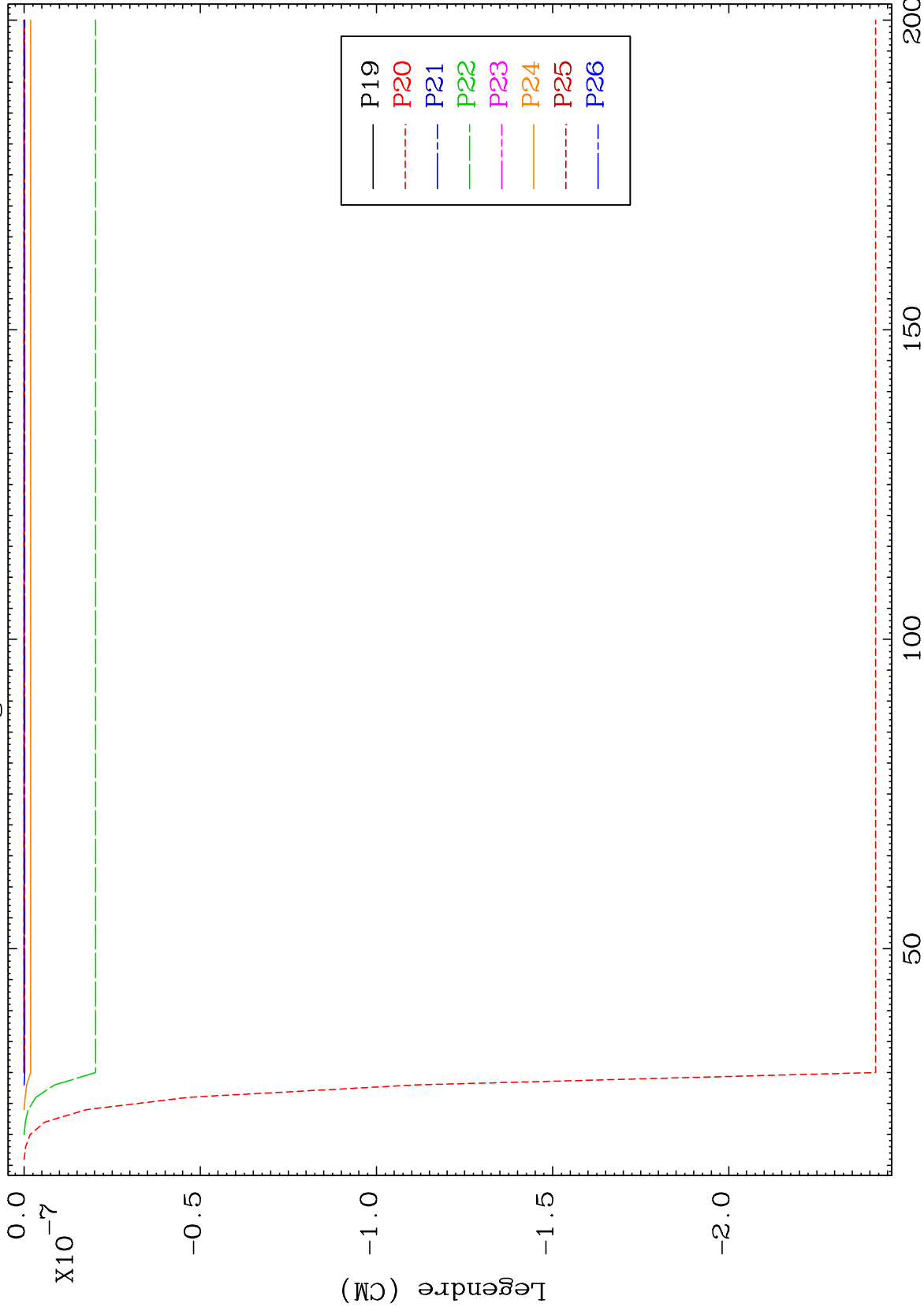
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



51

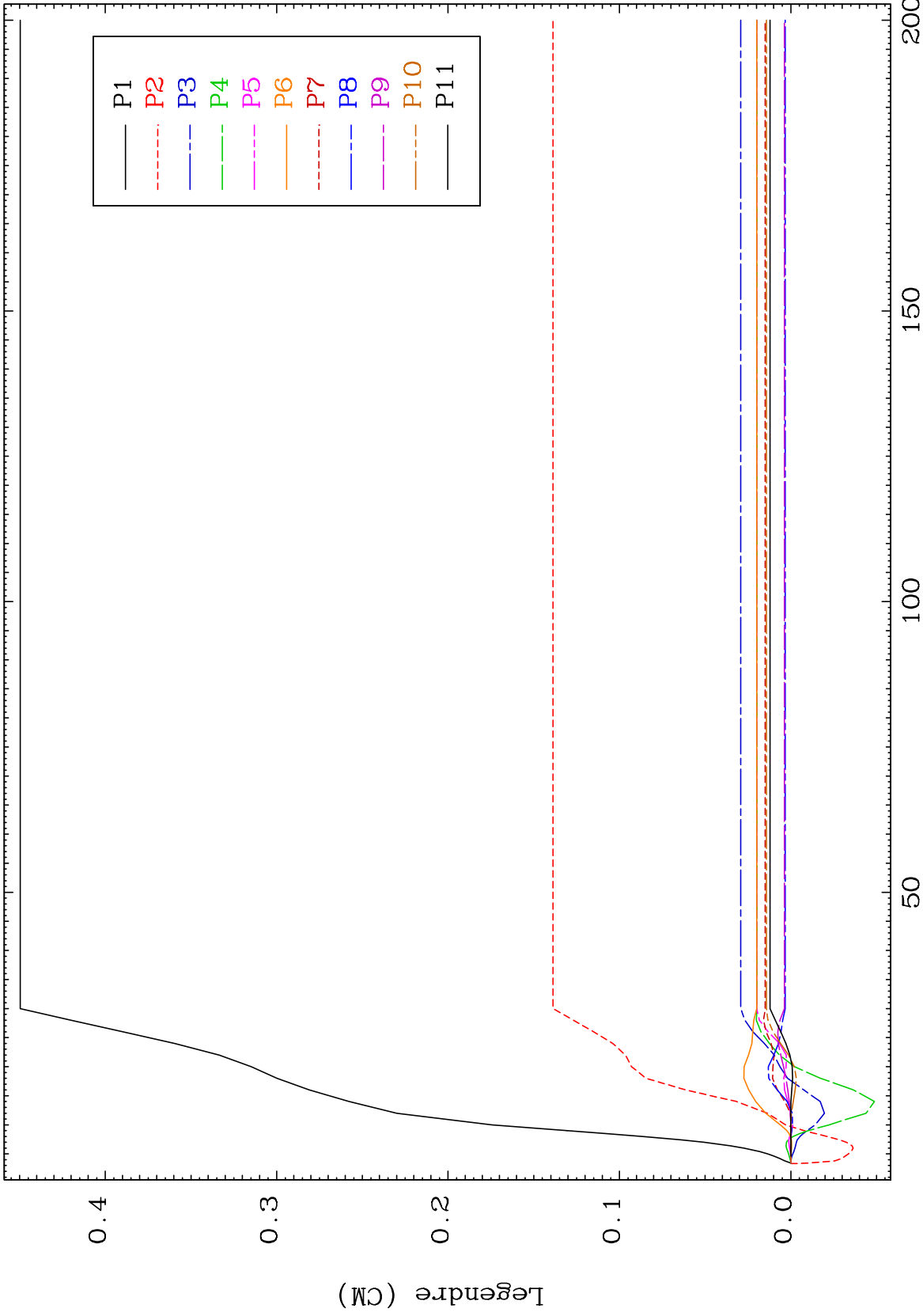
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

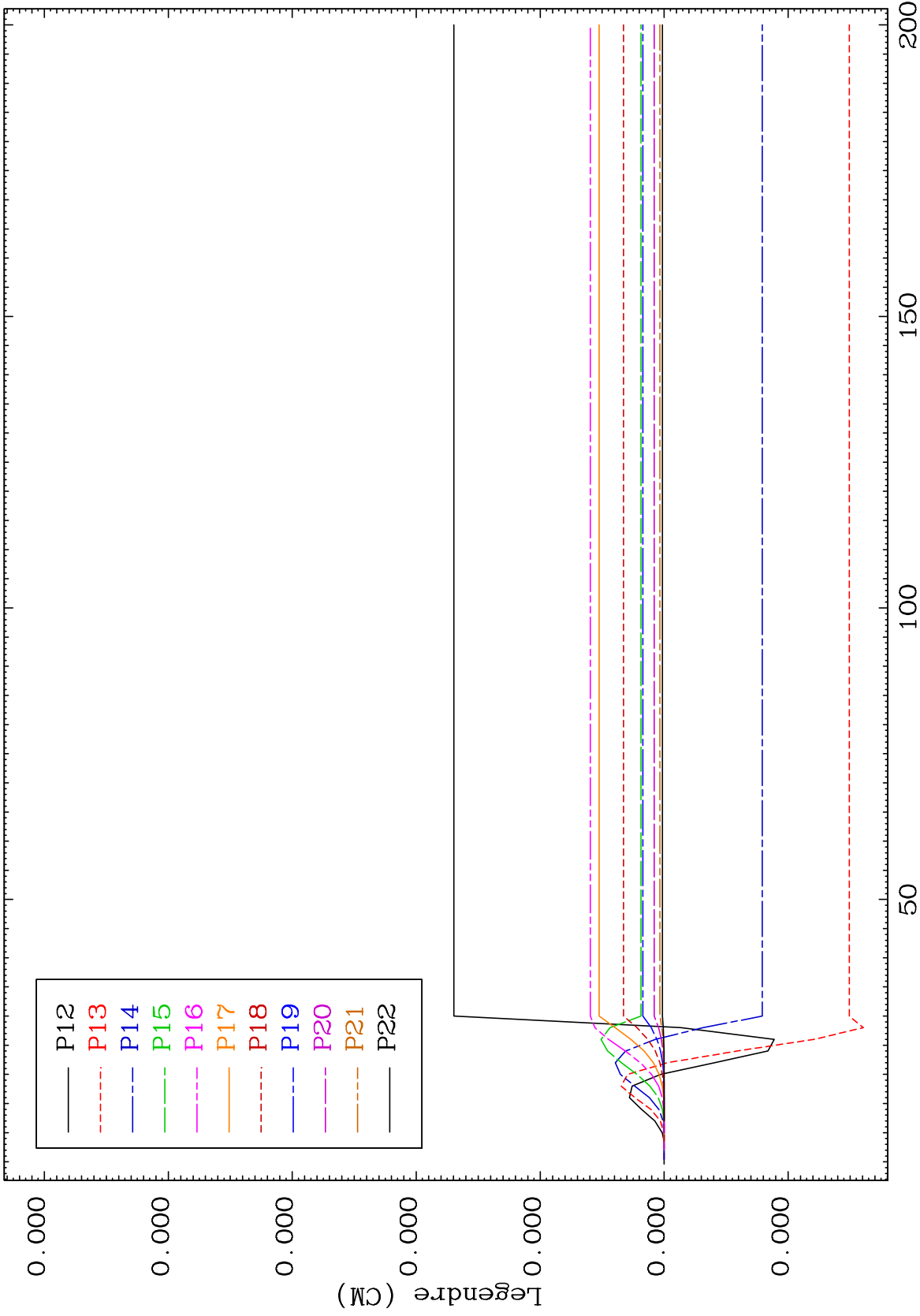
28-Ni-62



52

Incident Energy (MeV)

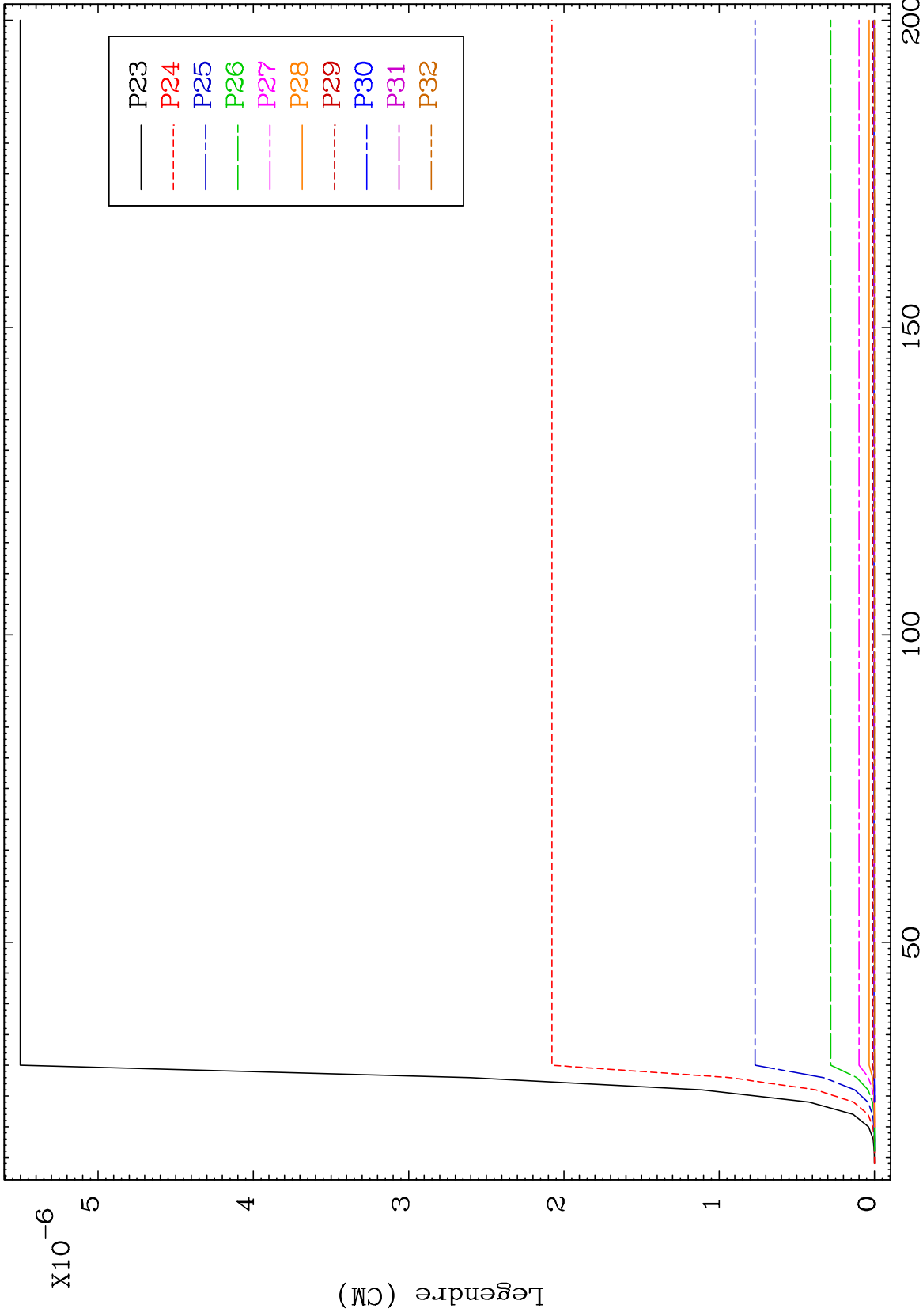
28-Ni-62



MAT 2837

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

28-Ni-62



54

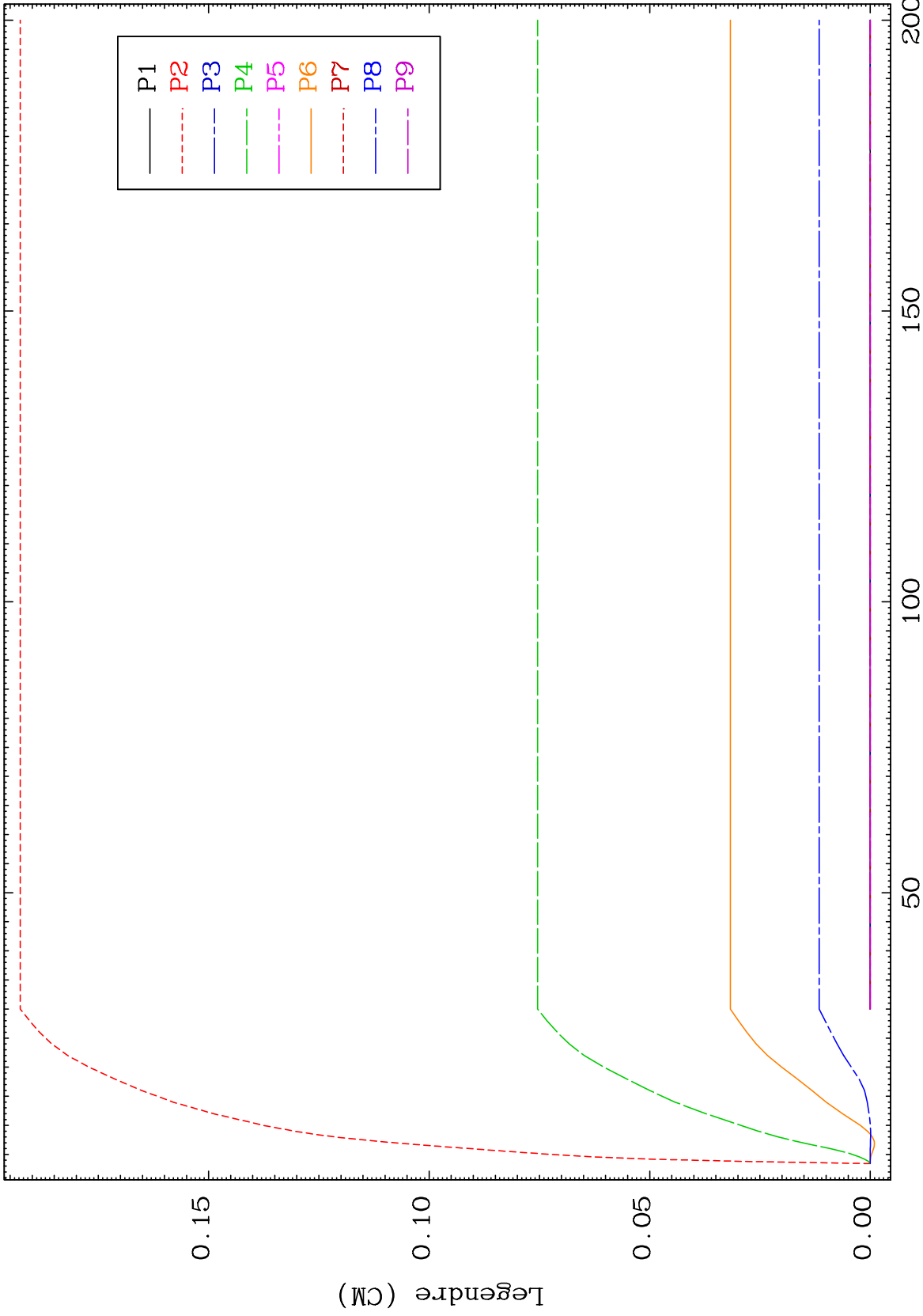
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



55

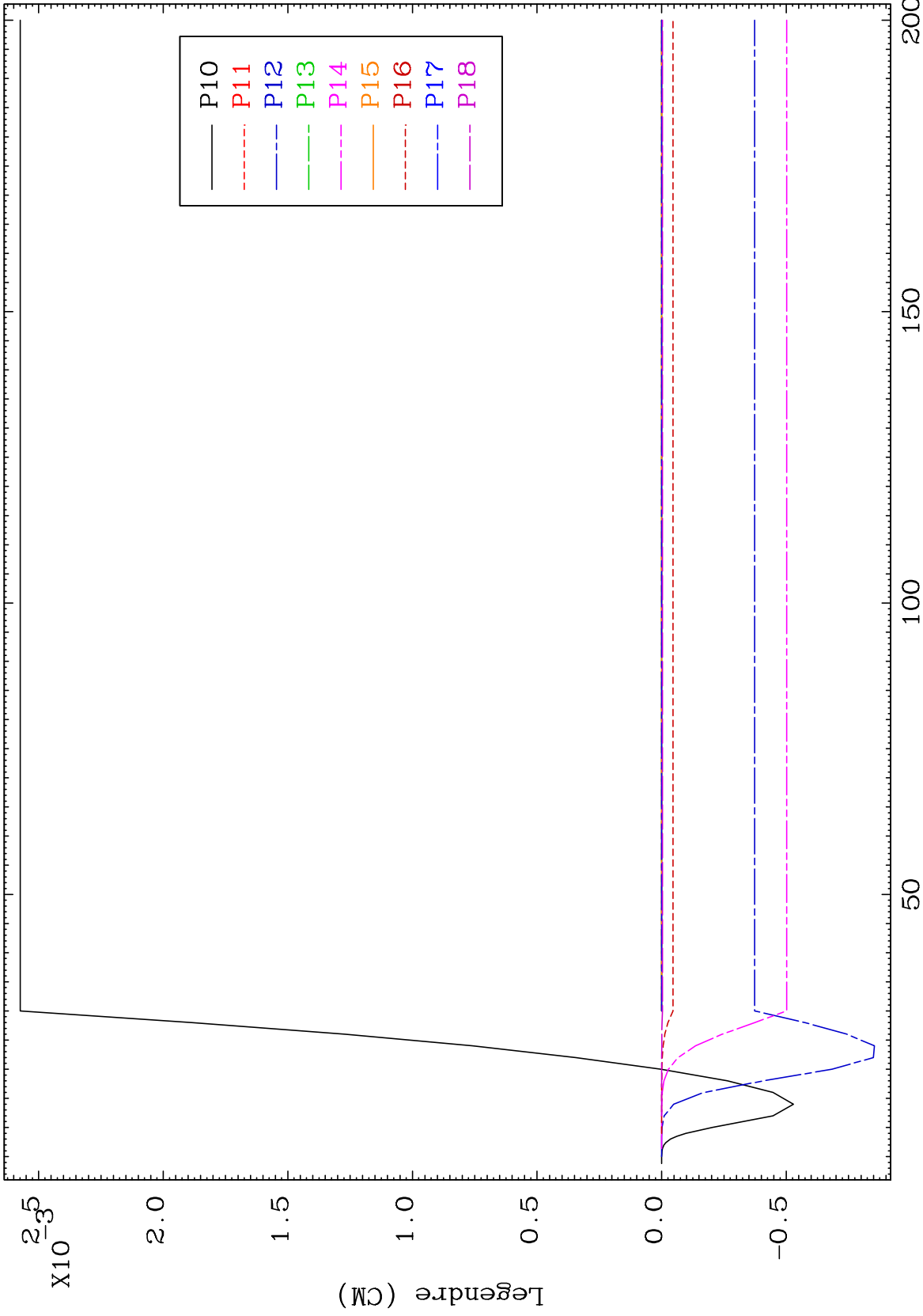
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



56

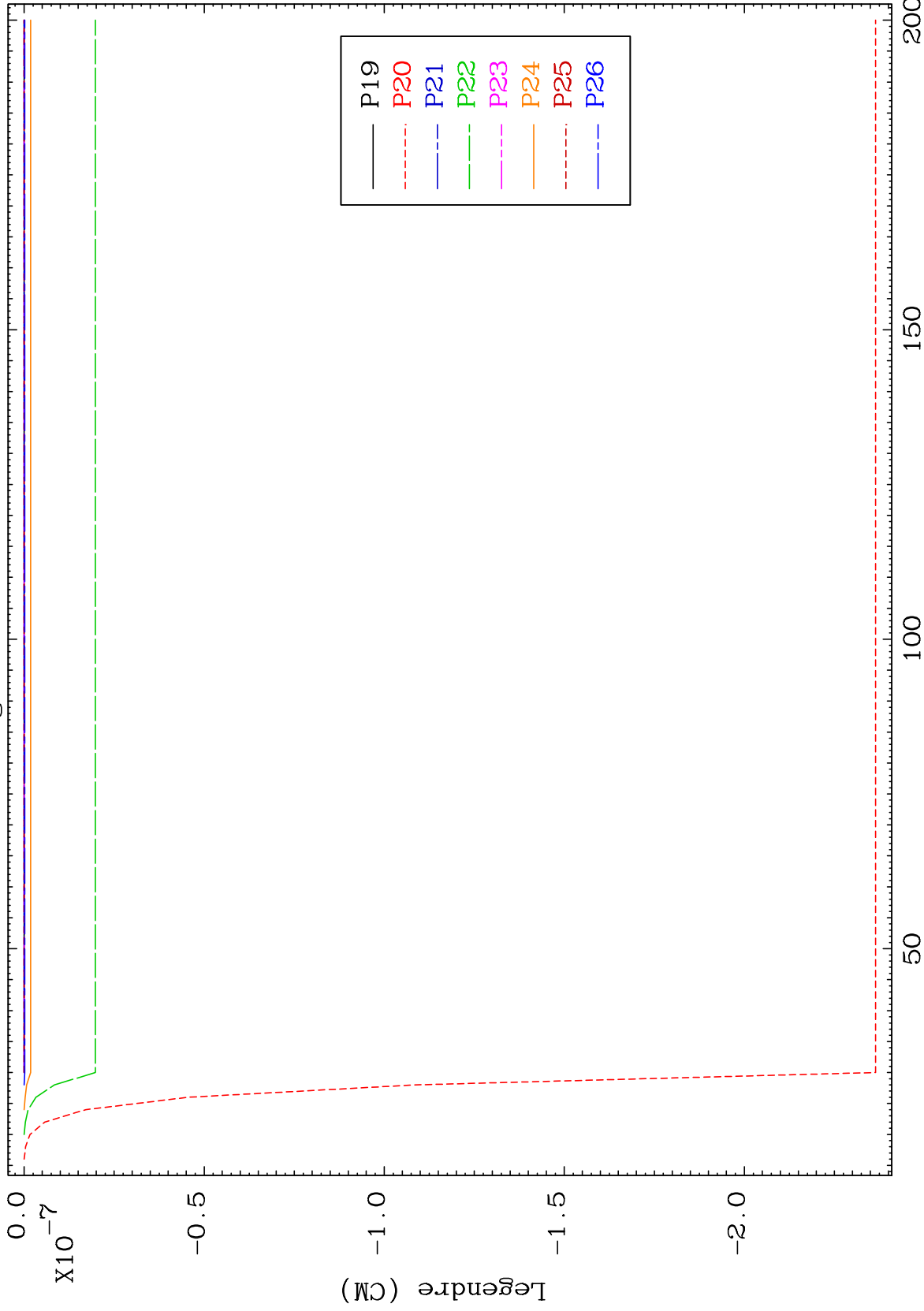
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



57

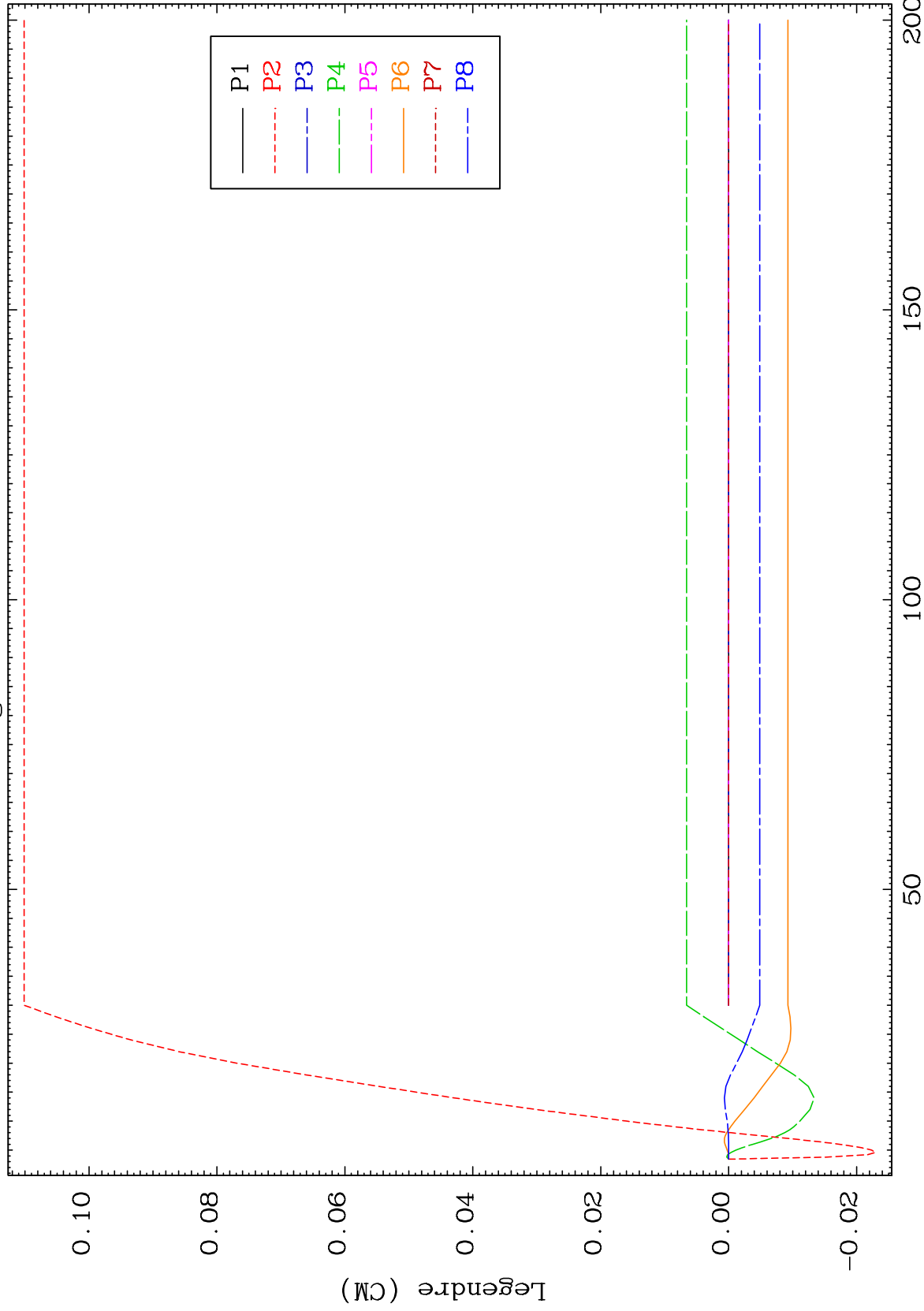
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



28-Ni-62

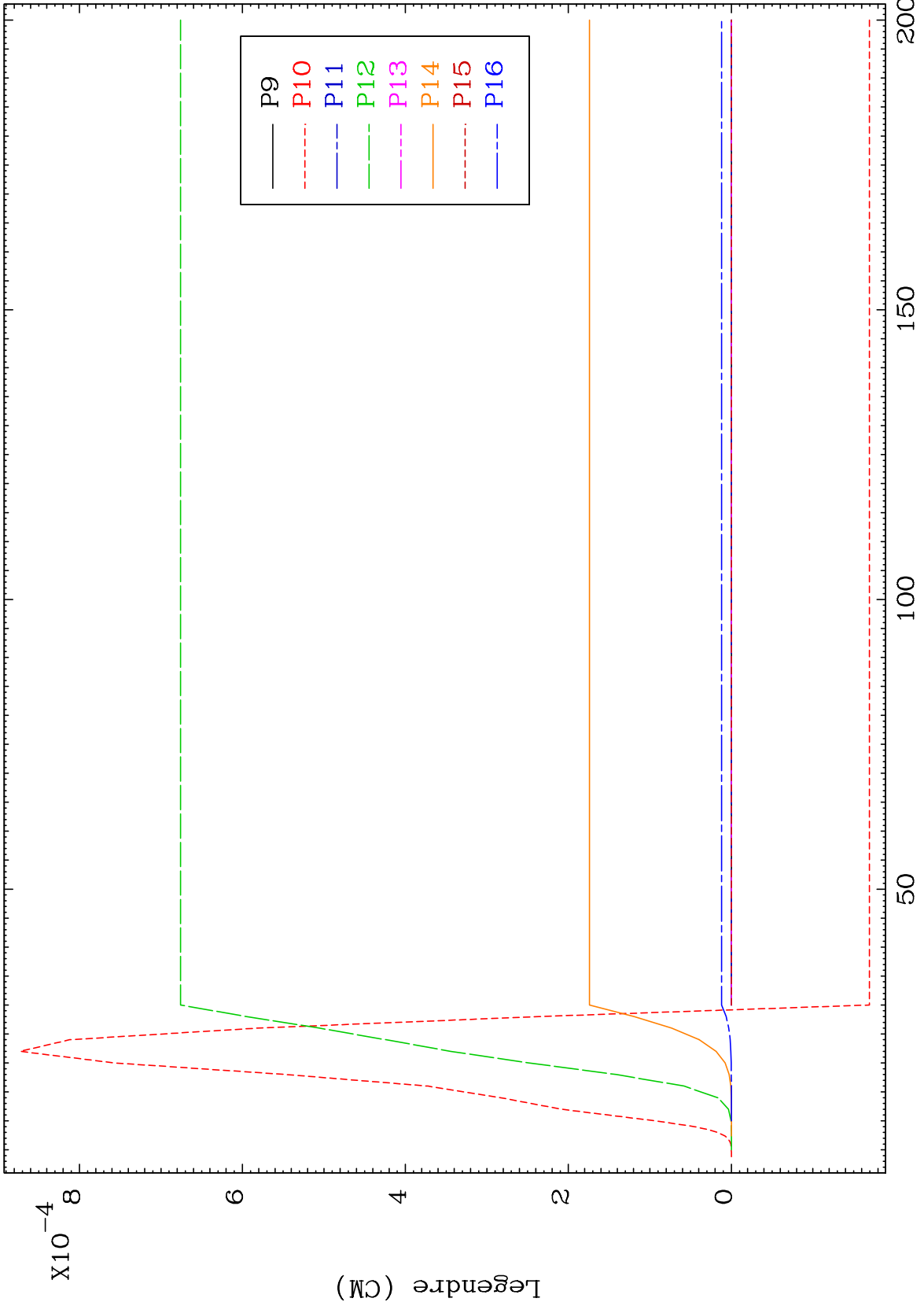
Incident Energy (MeV)

58

MAT 2837

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

28-Ni-62



59

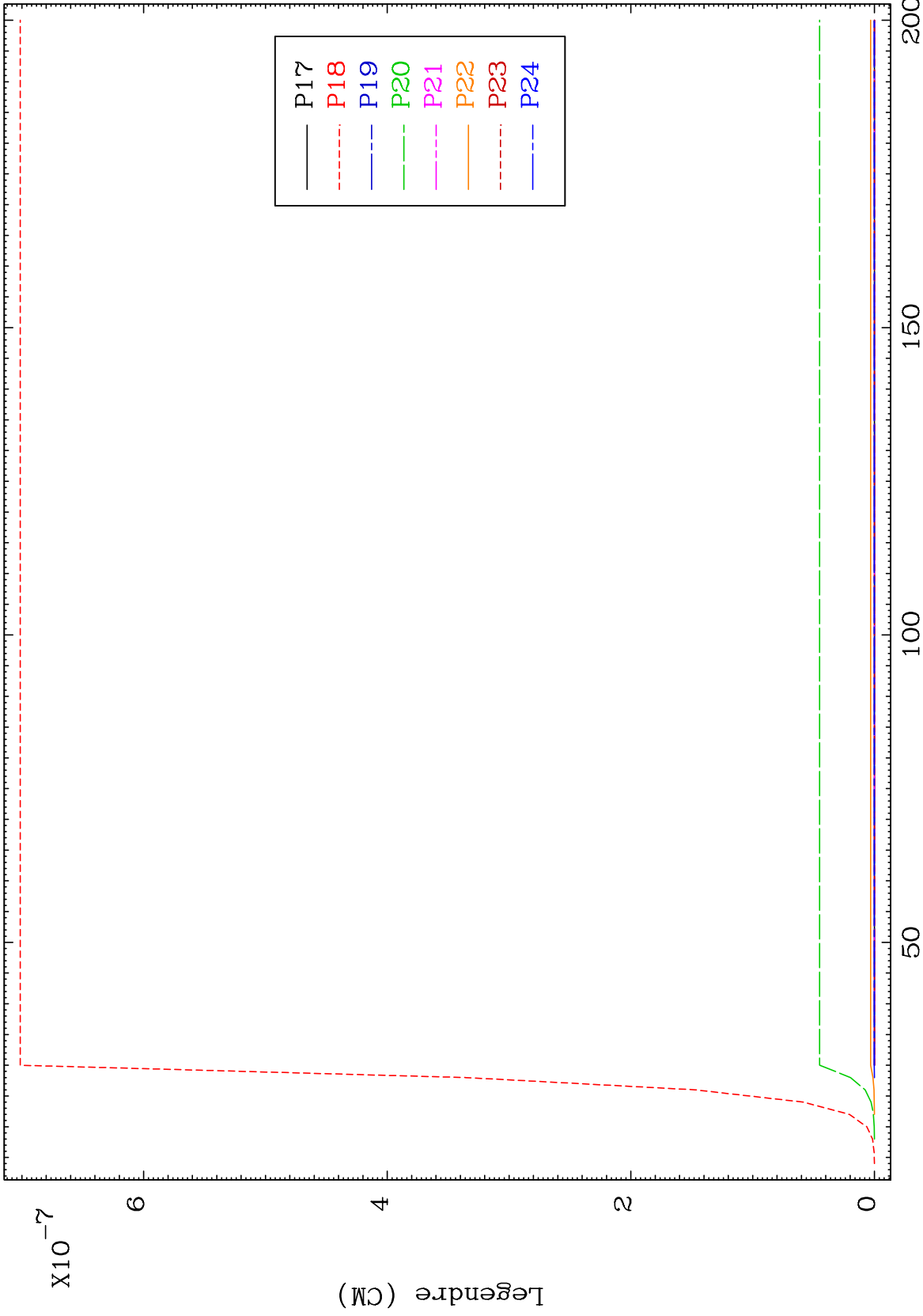
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

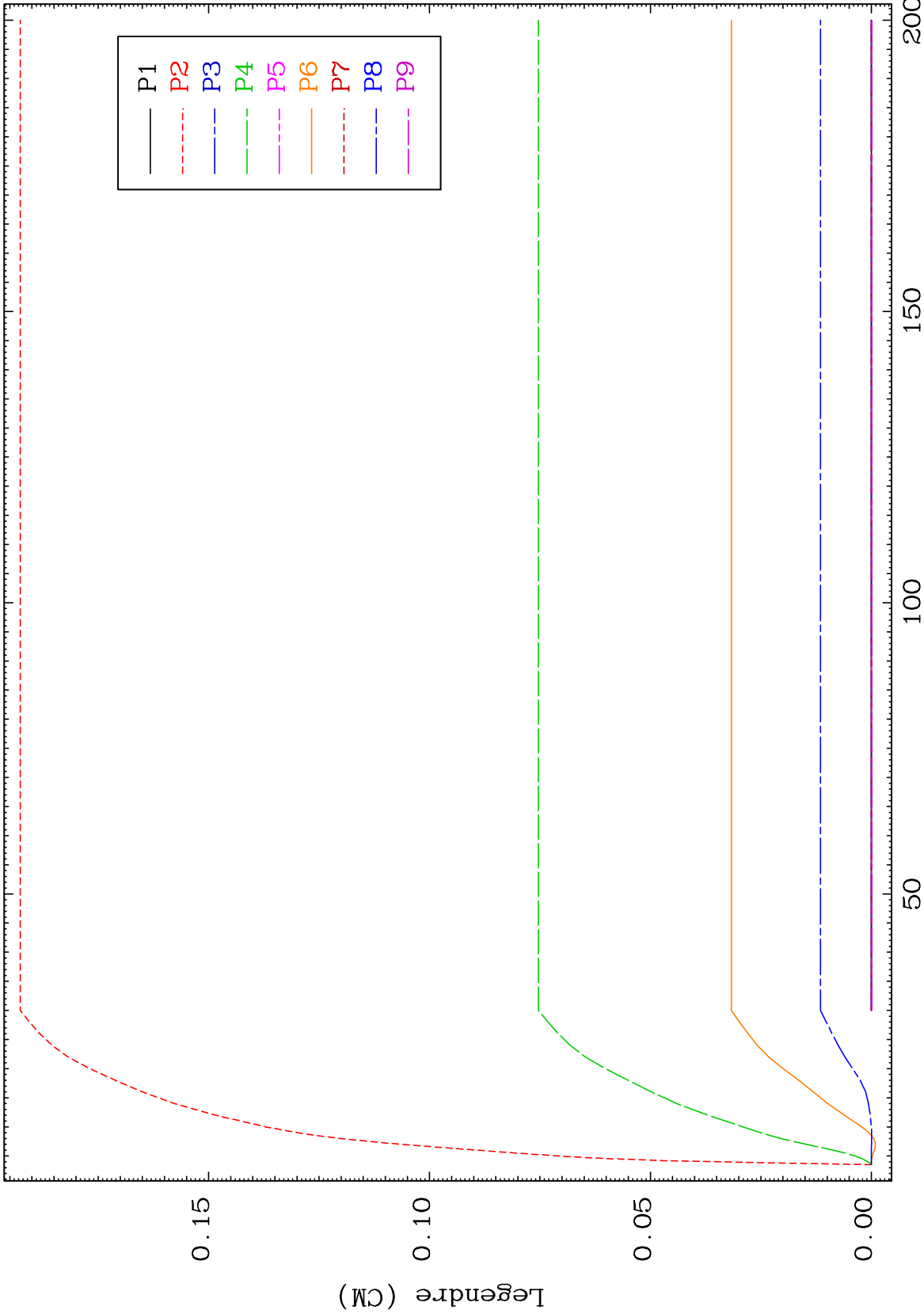
28-Ni-62



MAT 2837

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

28-Ni-62



61

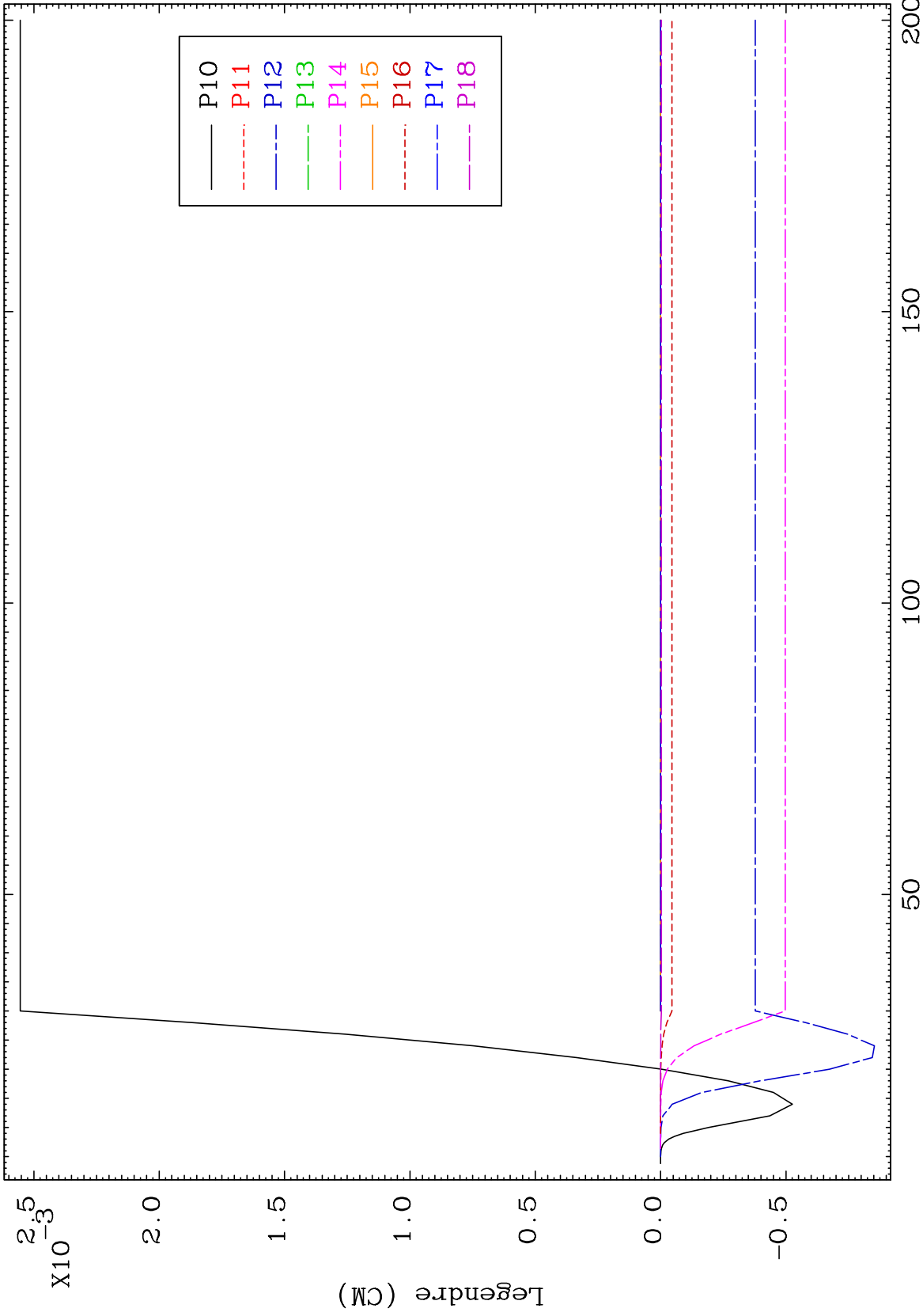
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



62

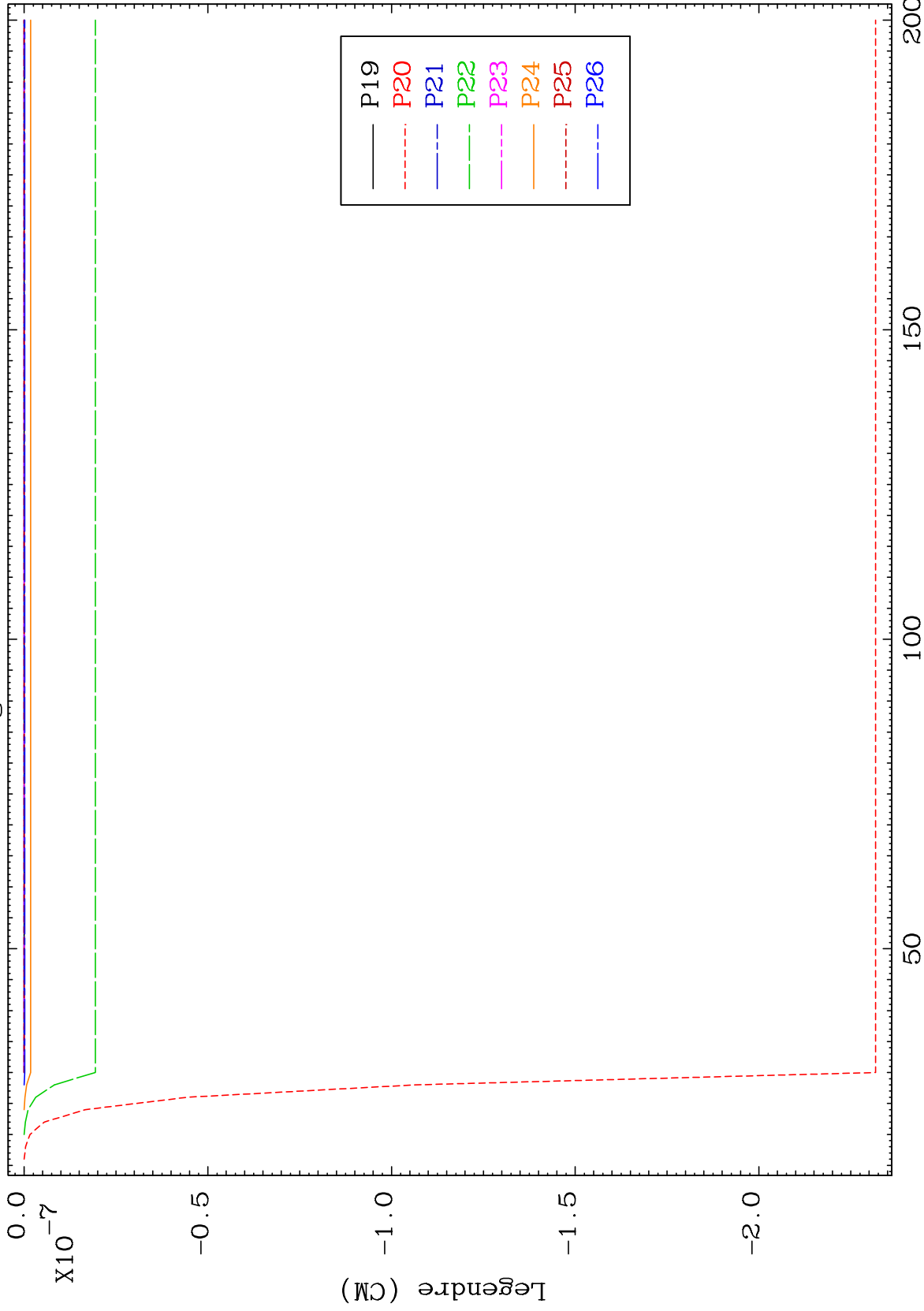
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



63

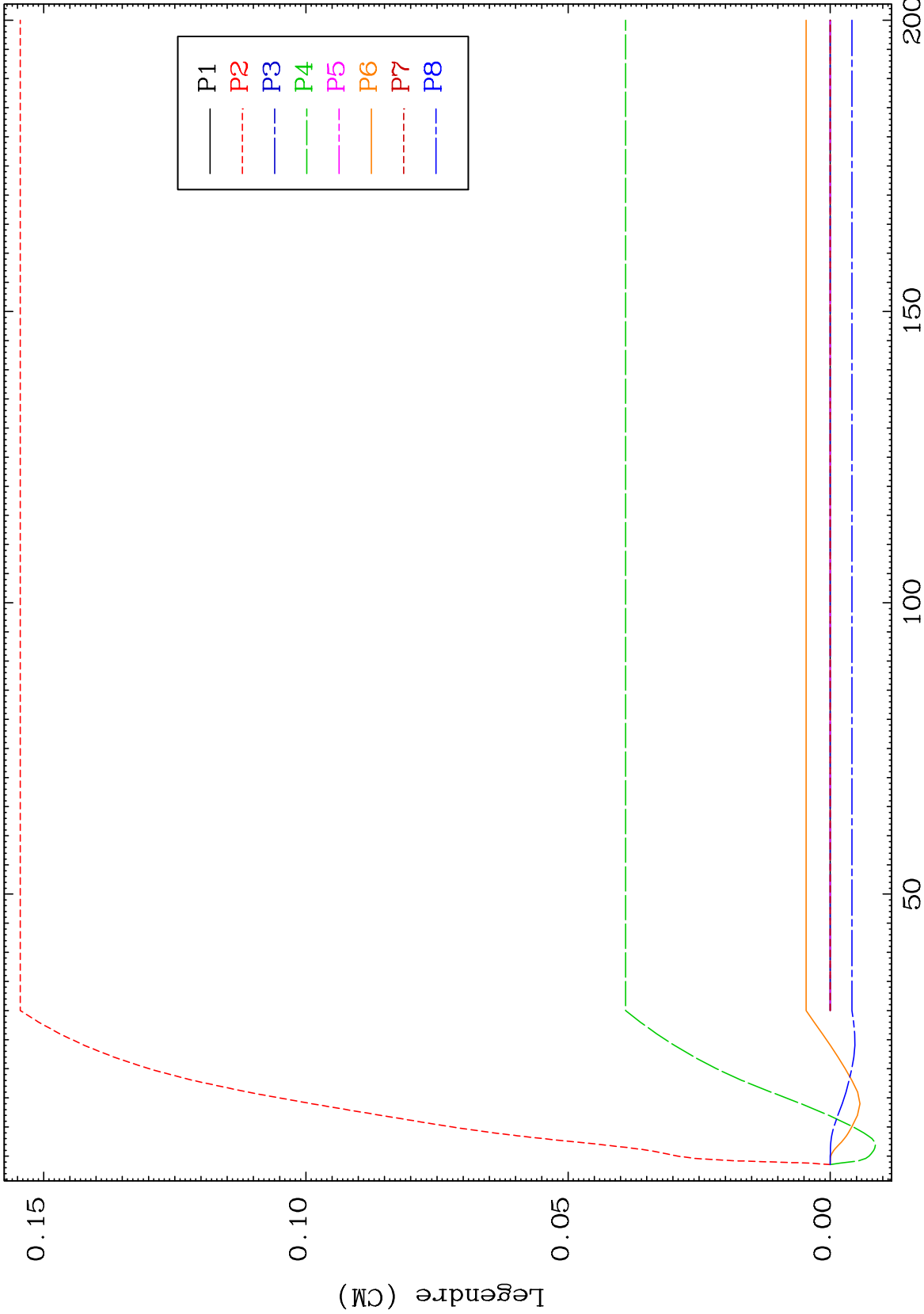
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



64

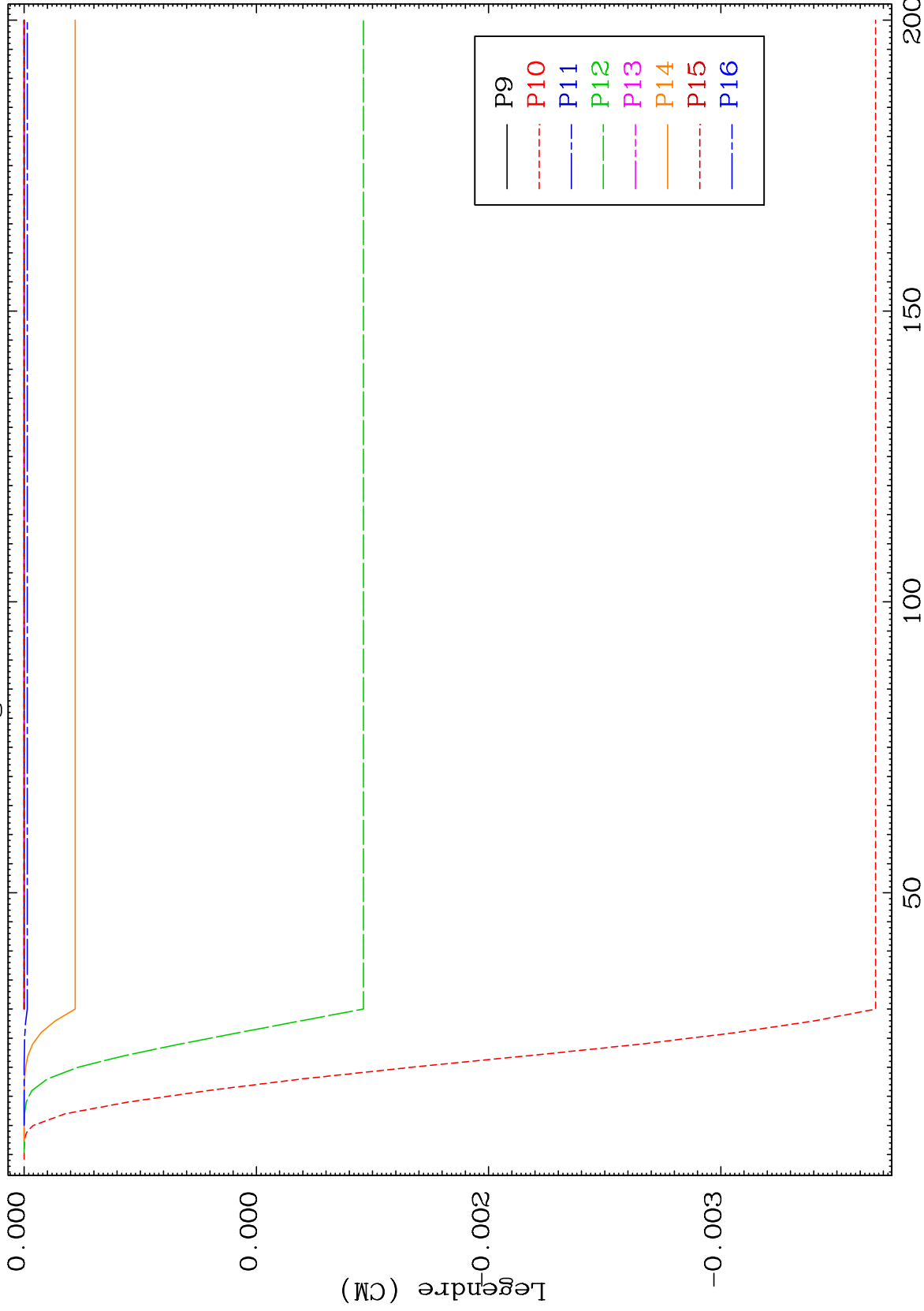
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



65

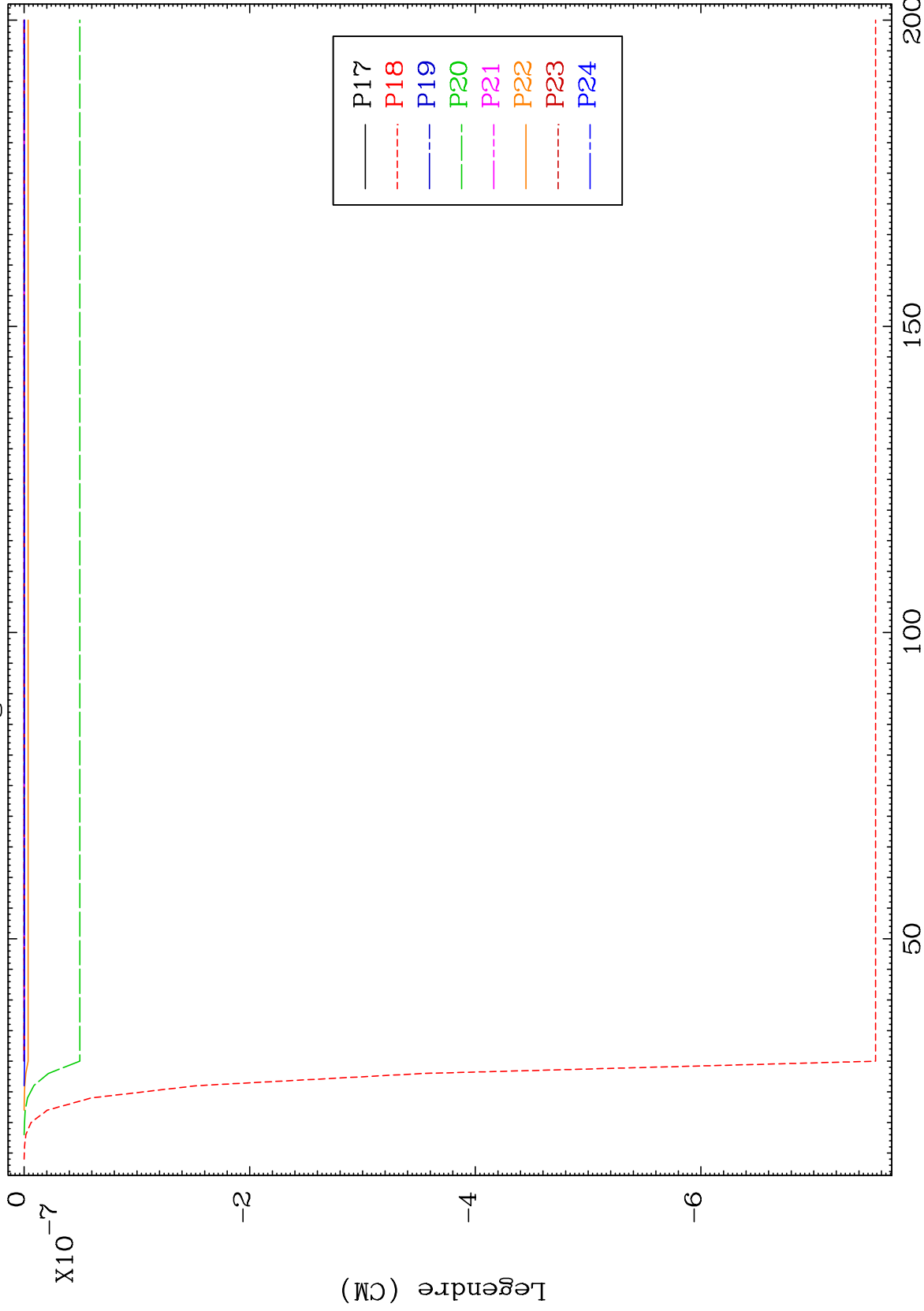
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



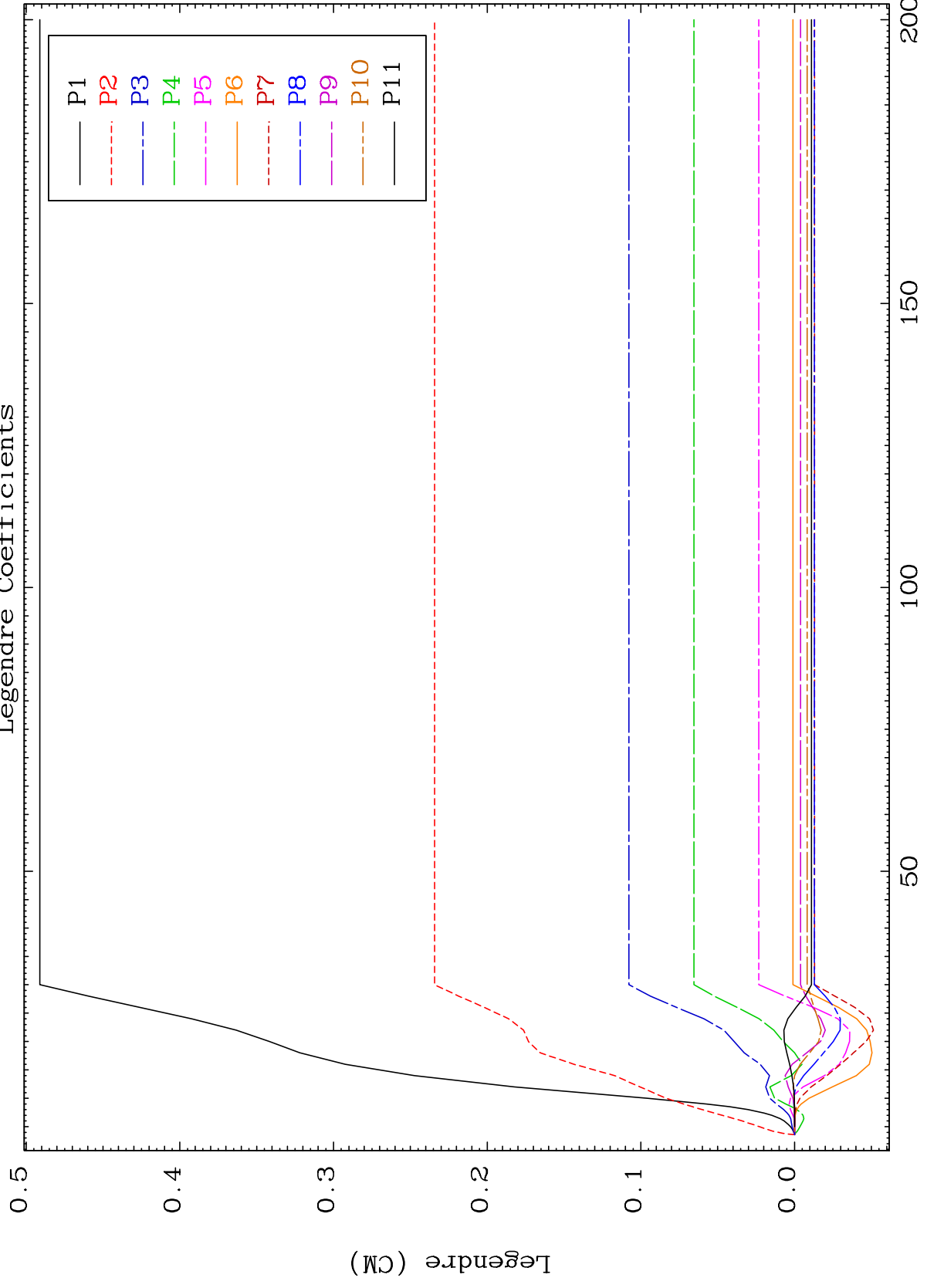
66

28-Ni-62

MAT 2837

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

28-Ni-62



67

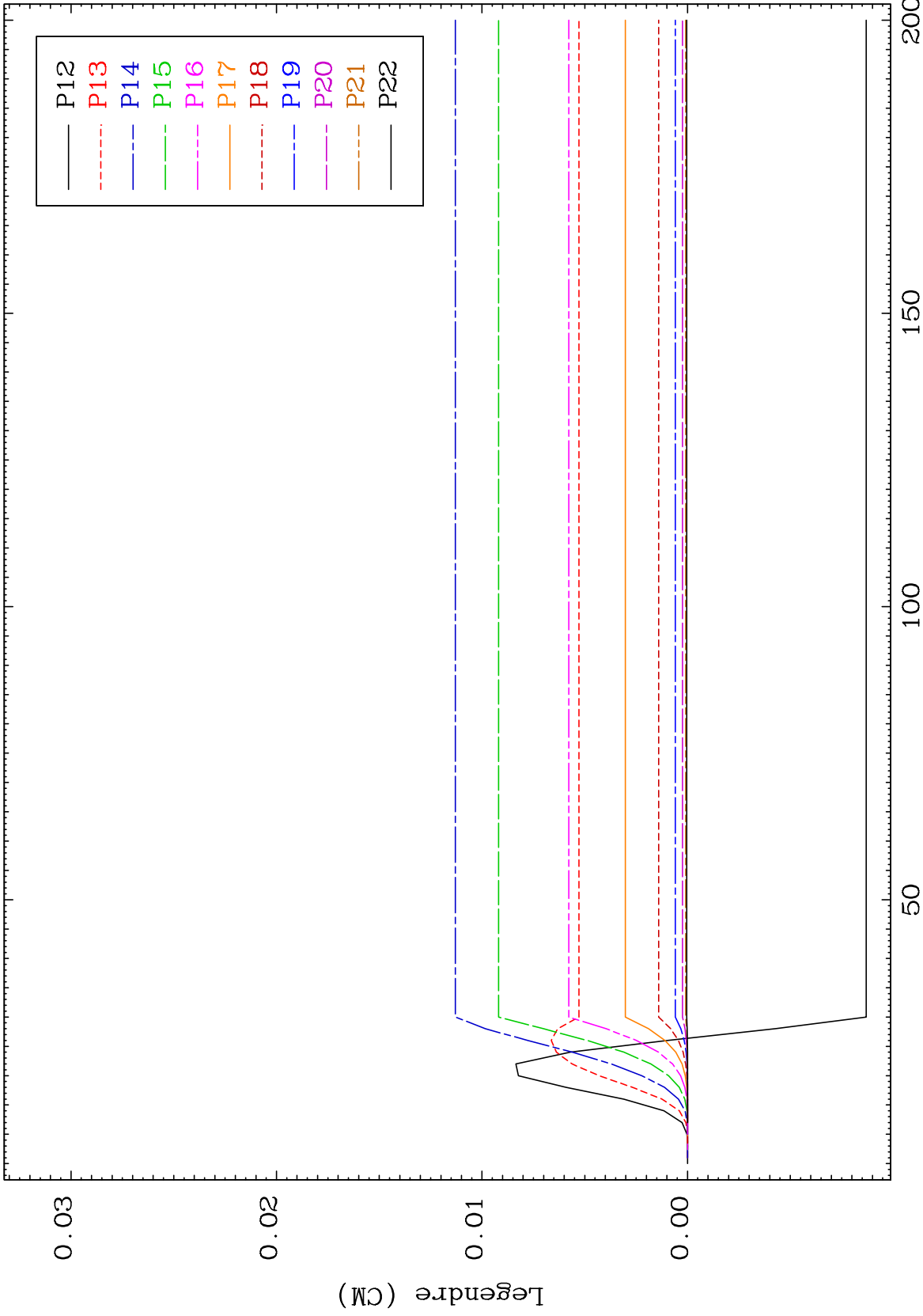
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



68

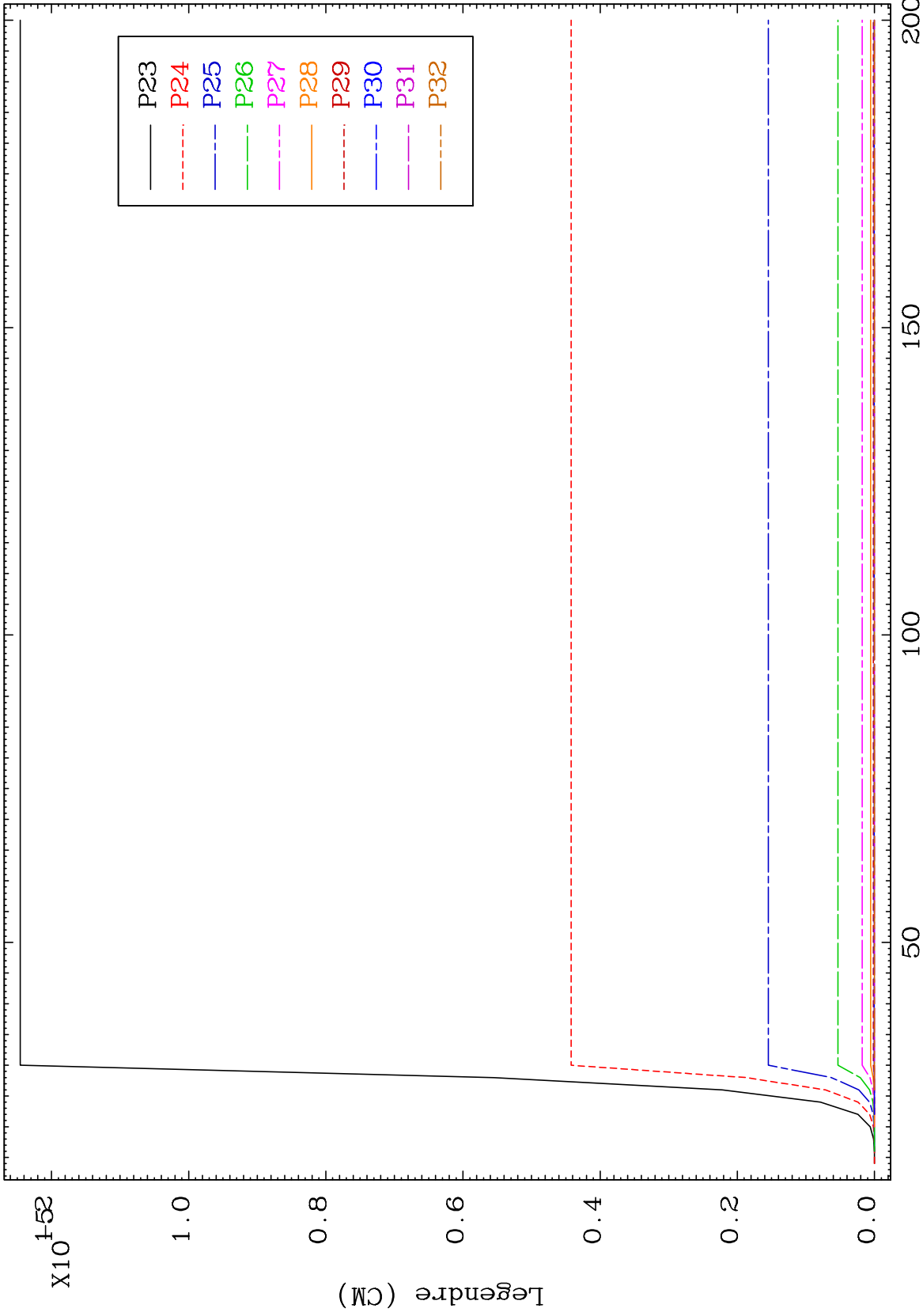
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



69

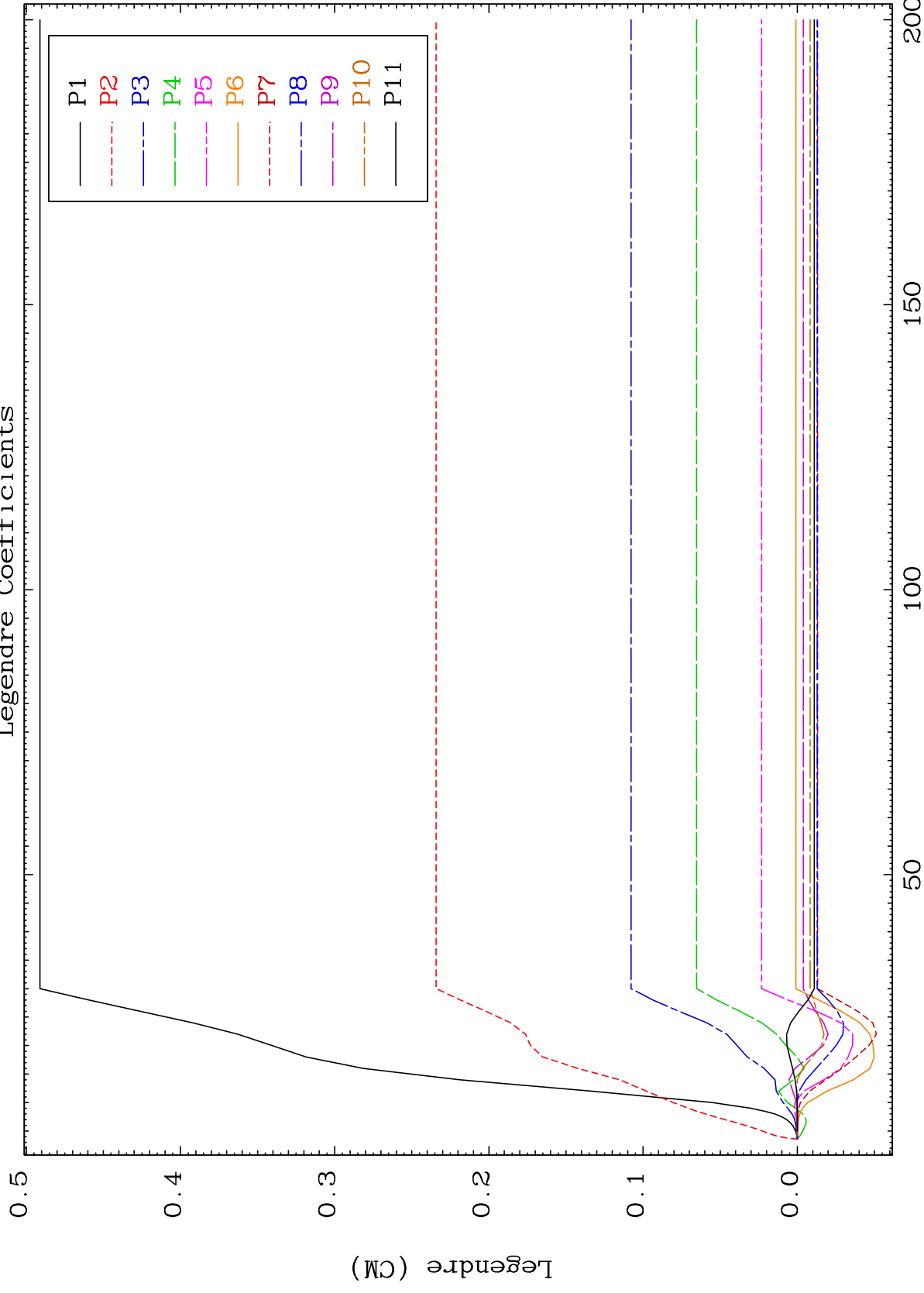
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

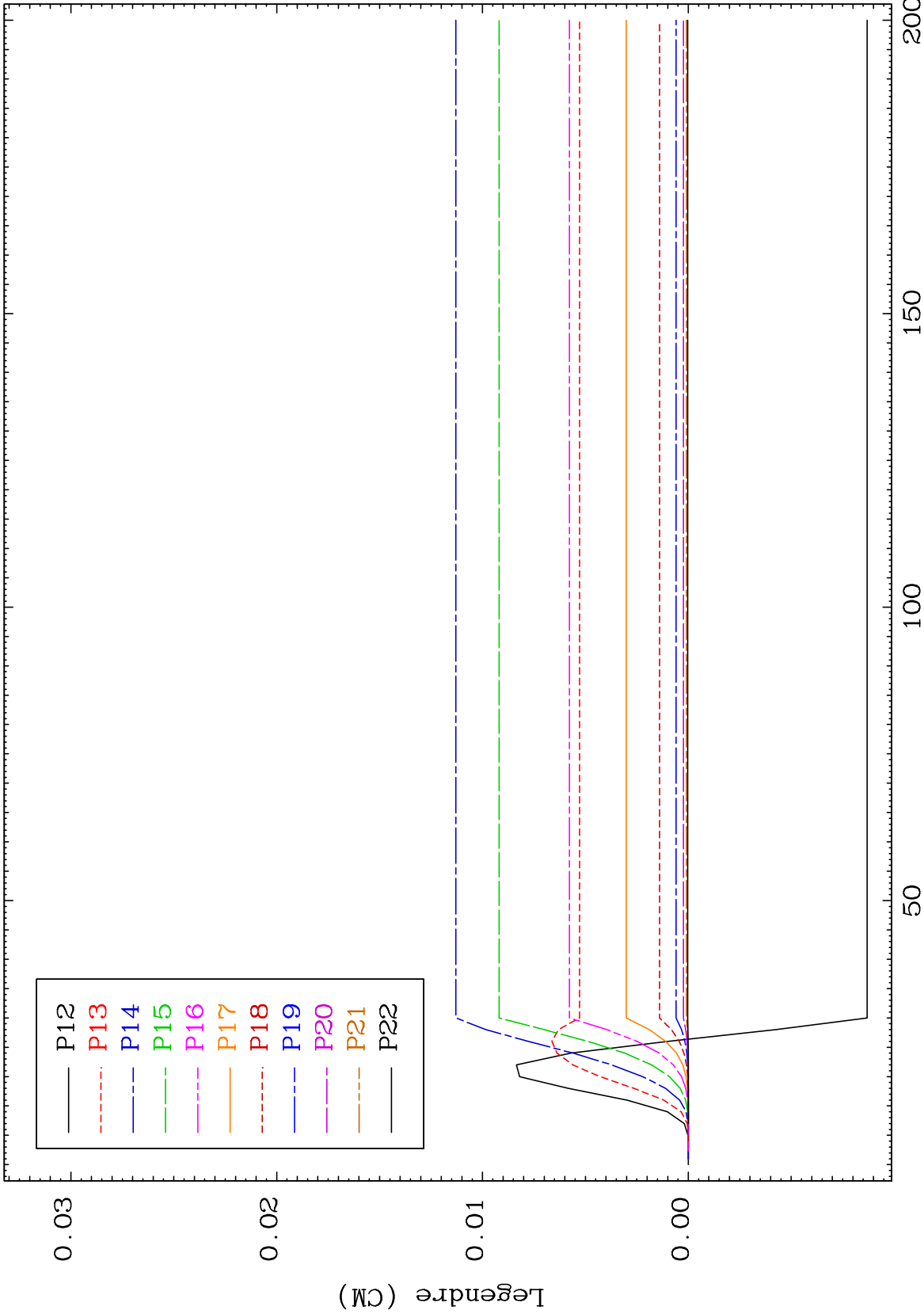
28-Ni-62



70

Incident Energy (MeV)

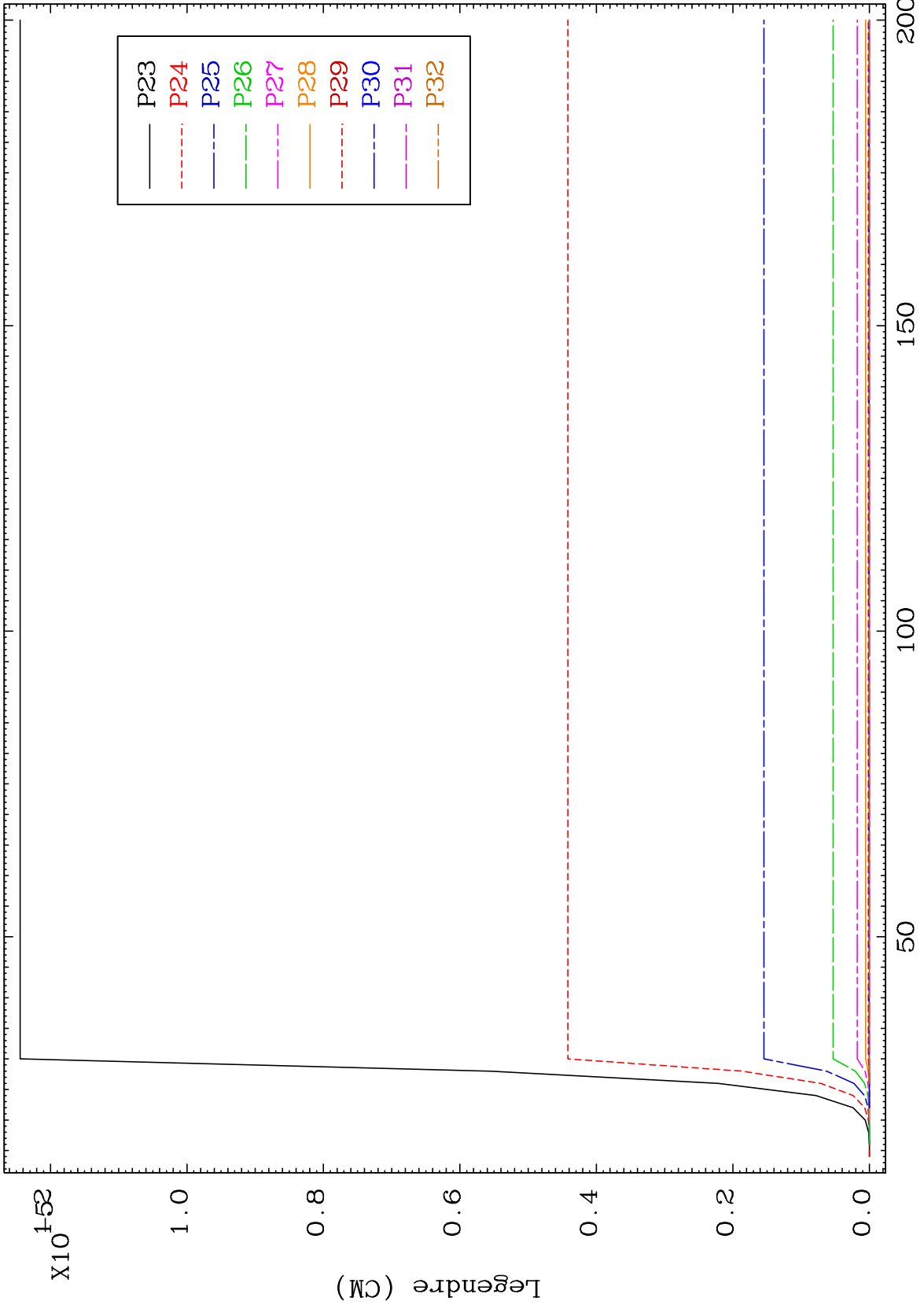
28-Ni-62



MAT 2837

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

28-Ni-62



72

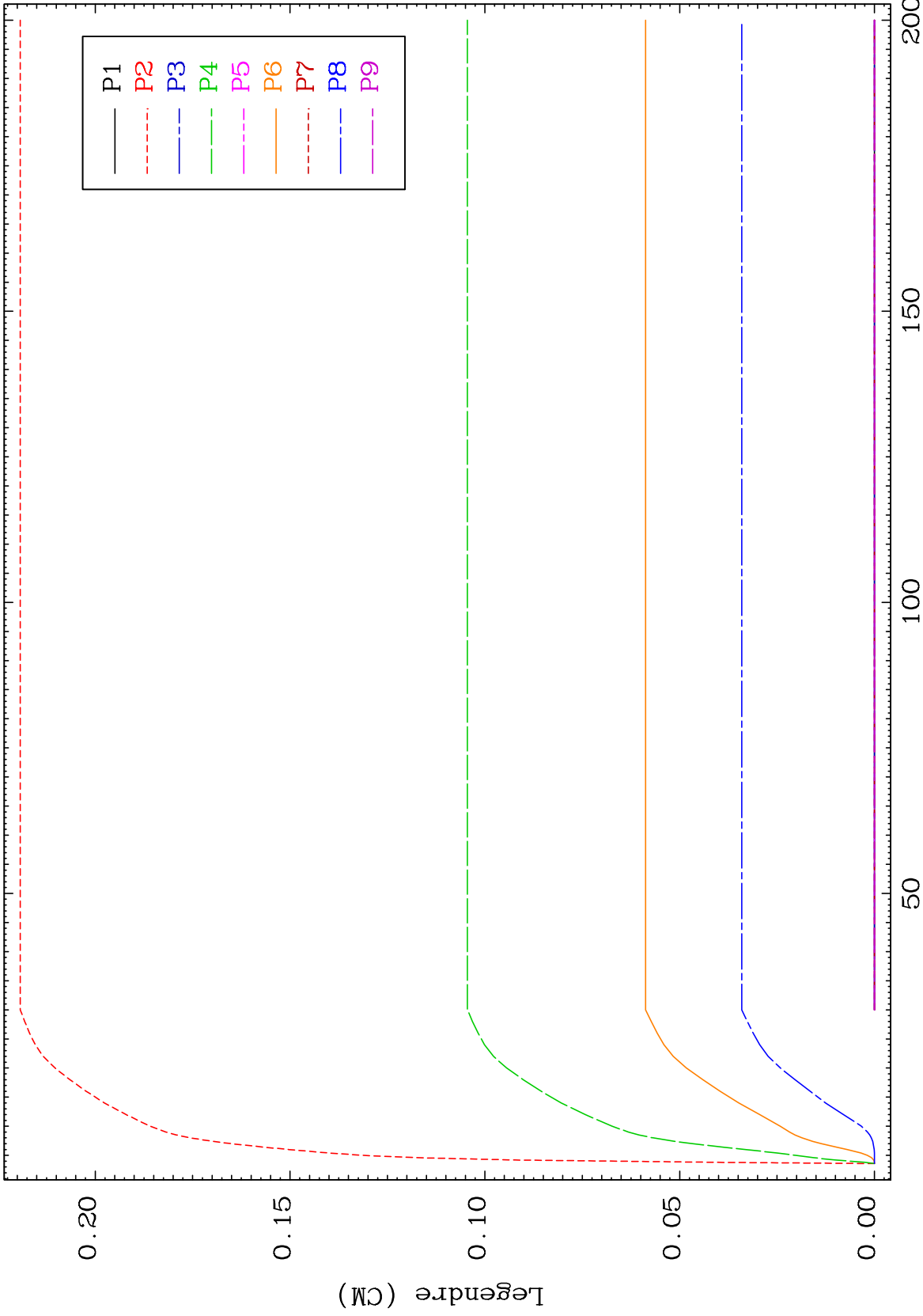
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



73

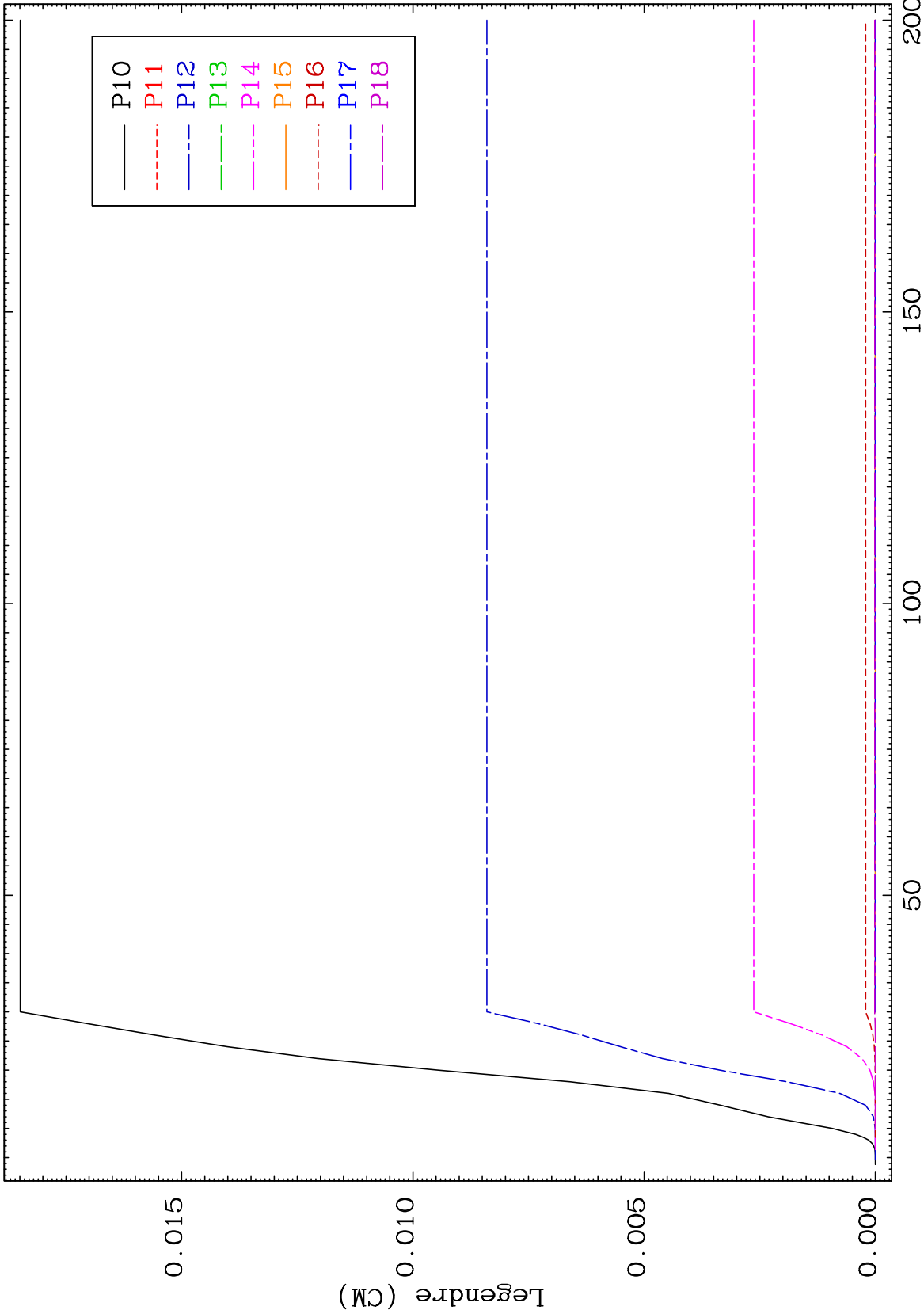
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62

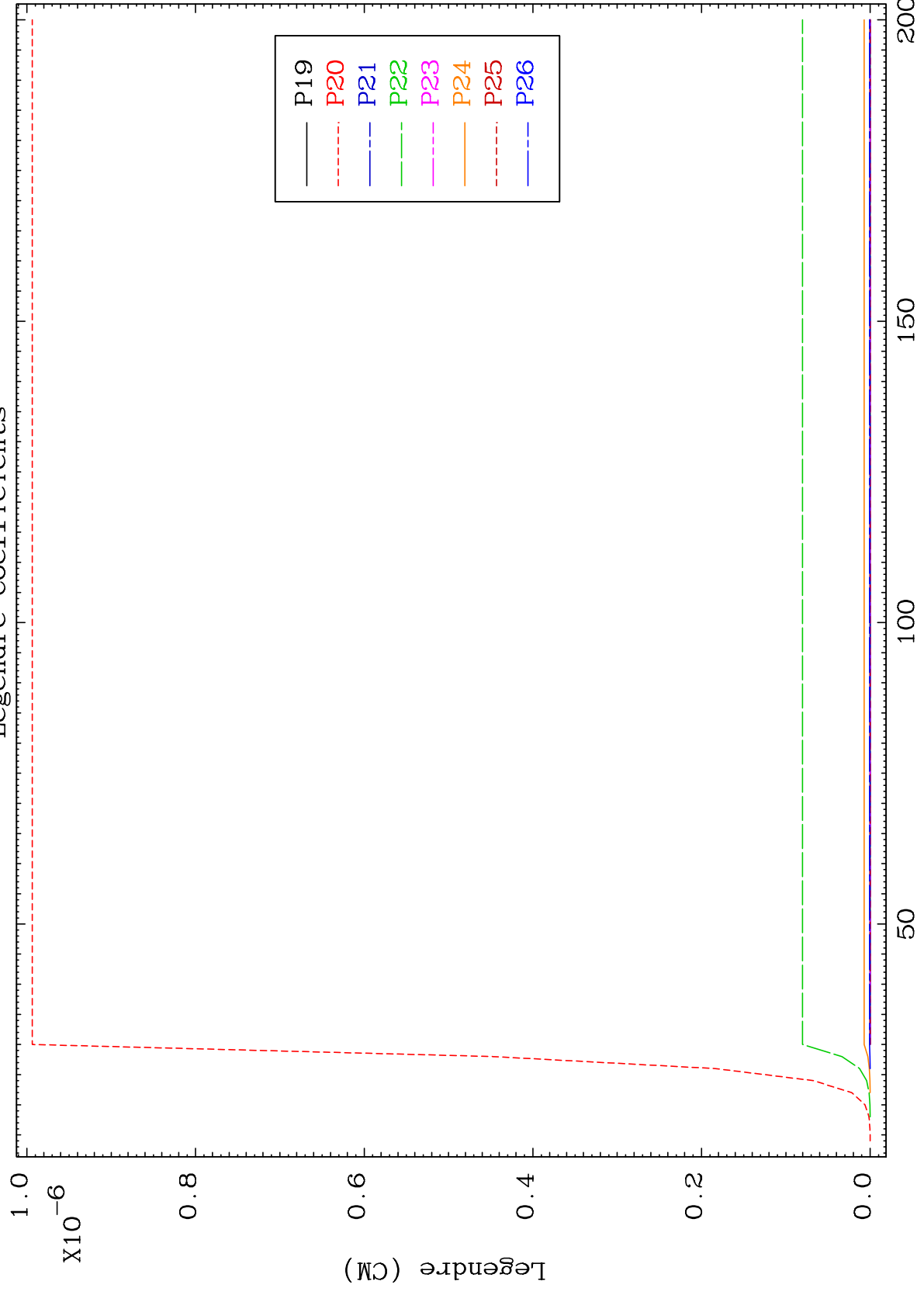


74

Incident Energy (MeV)

28-Ni-62

MAT 2837 MT= 69 (n,n') Level Legendre Coefficients 28-Ni-62

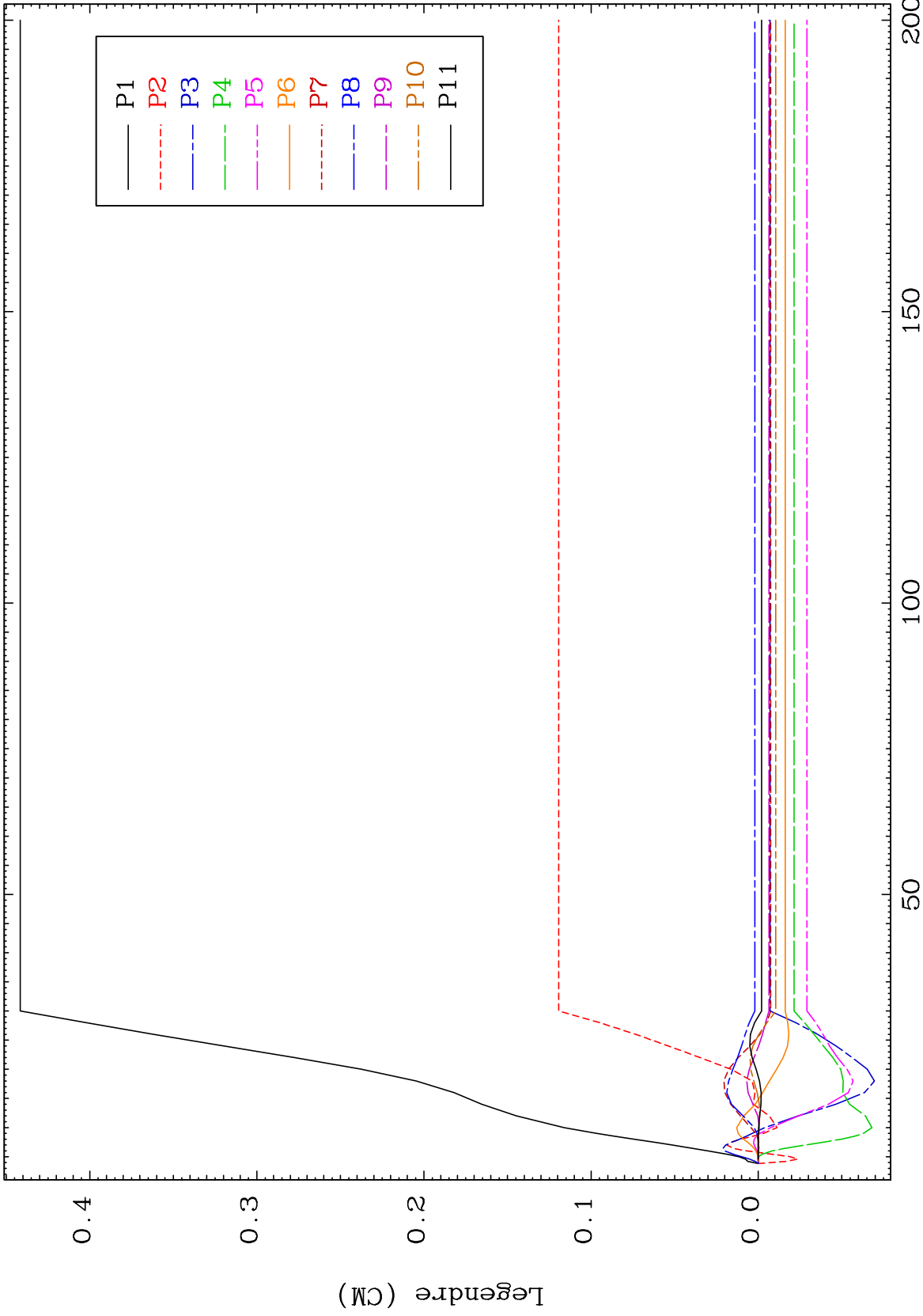


75 Incident Energy (MeV) 28-Ni-62

MAT 2837

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

28-Ni-62



76

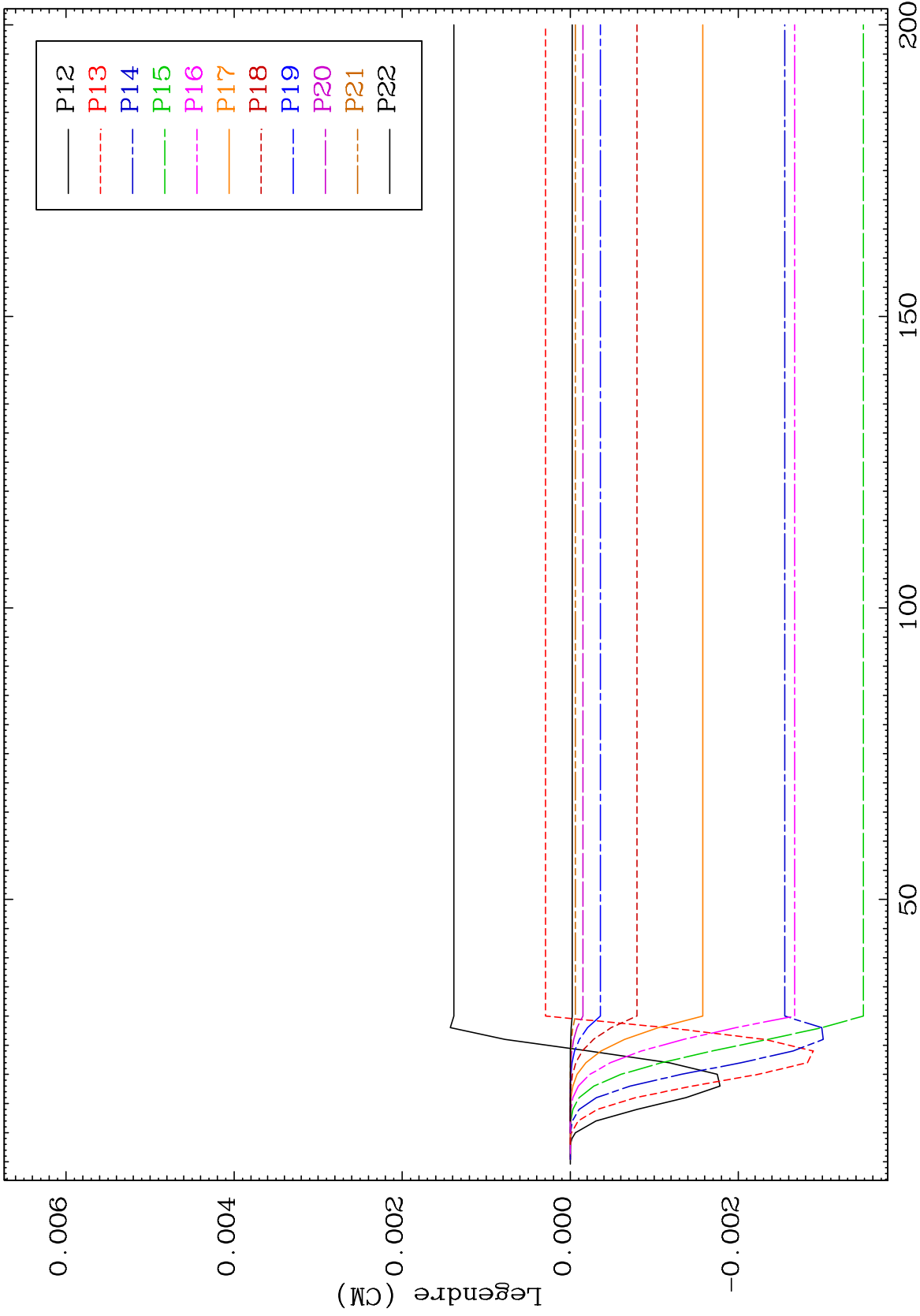
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



77

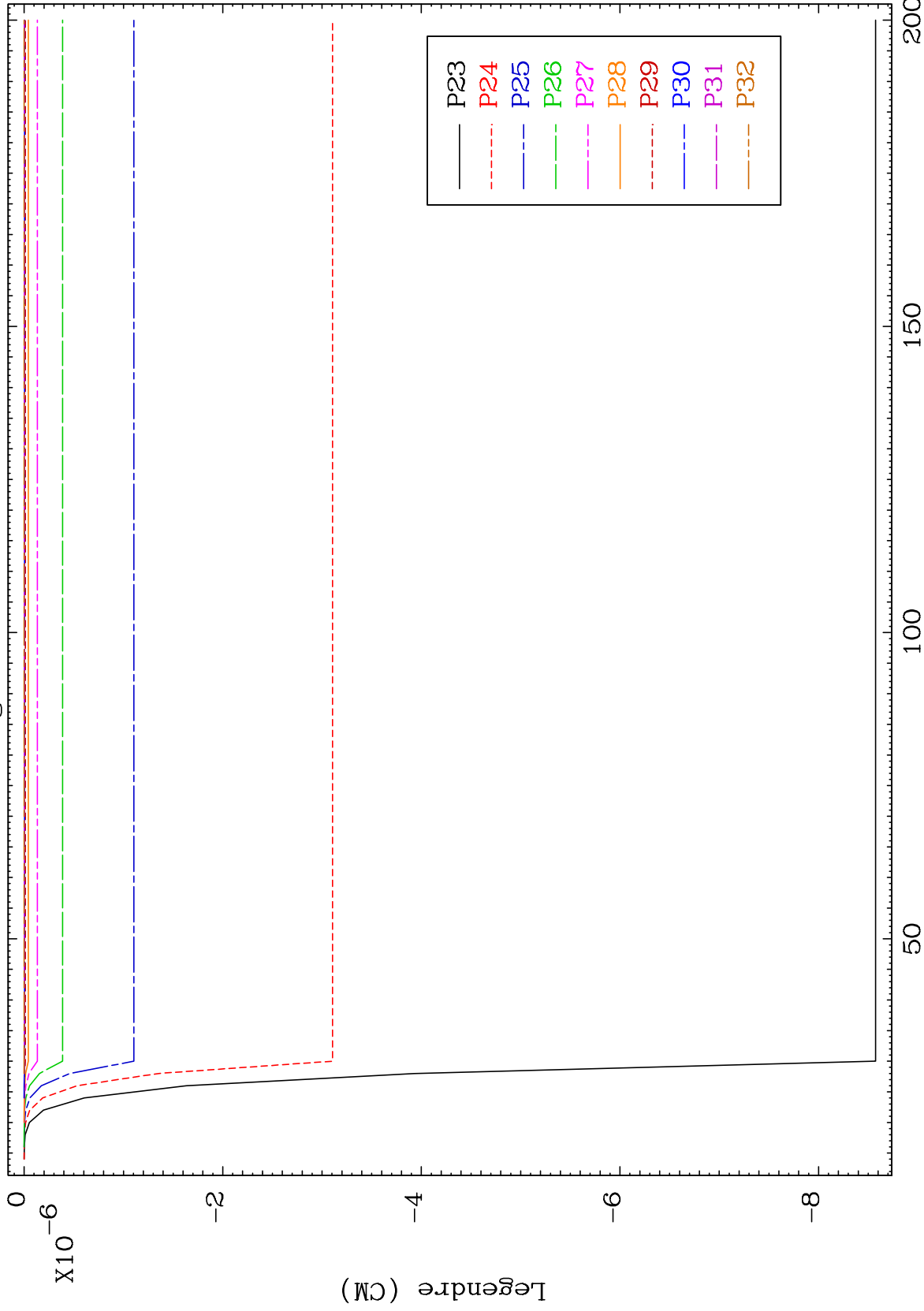
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



78

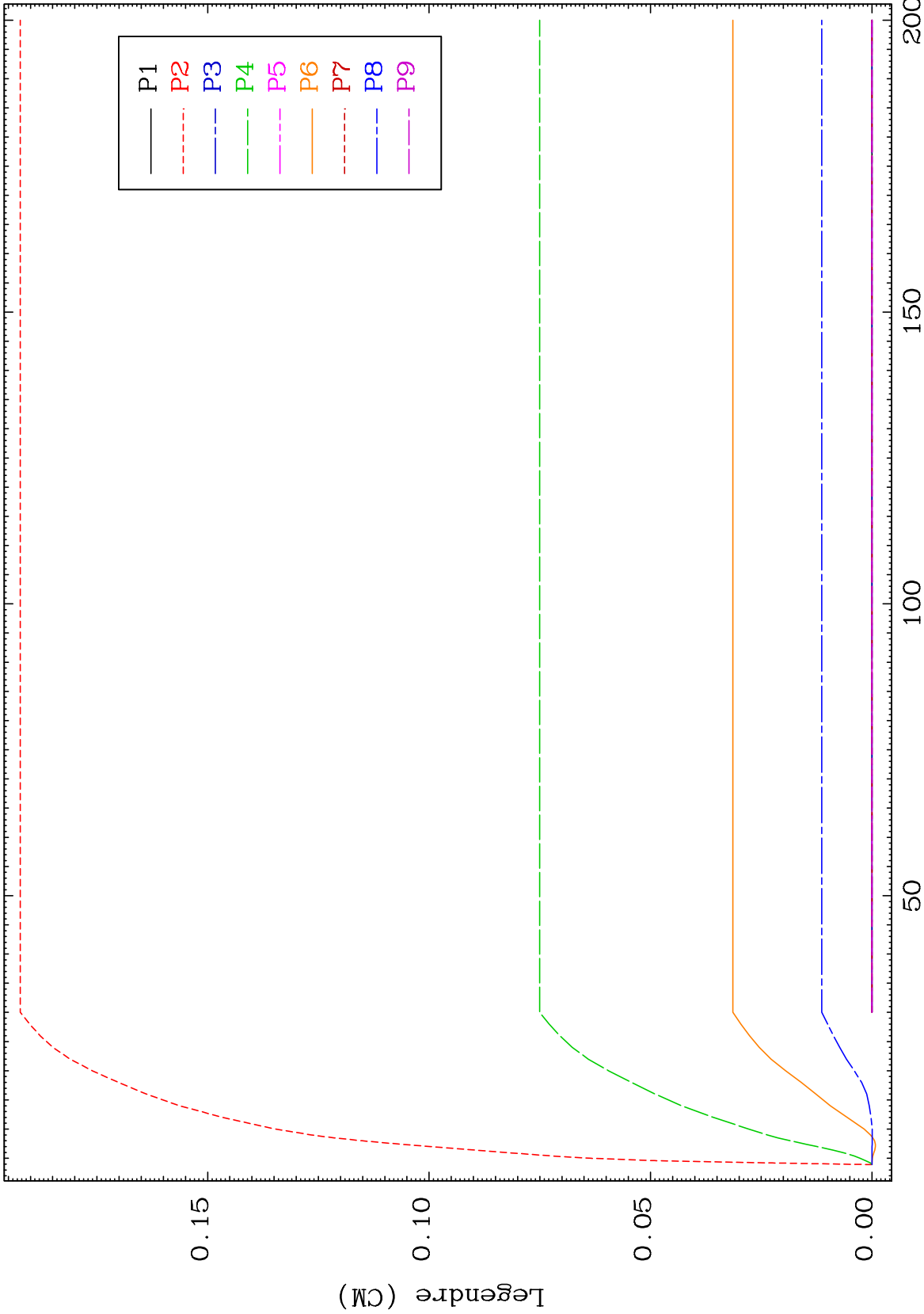
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



79

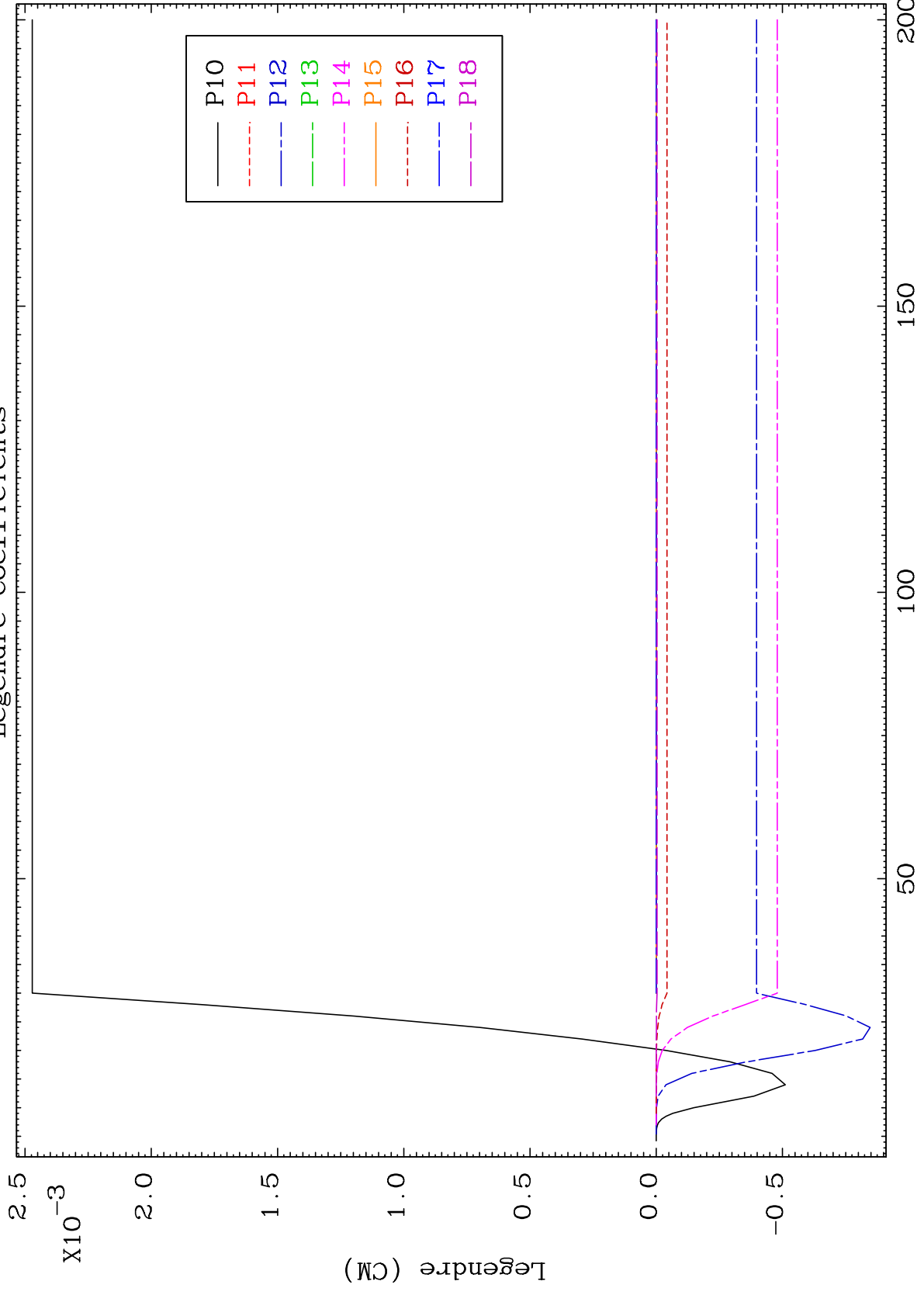
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



80

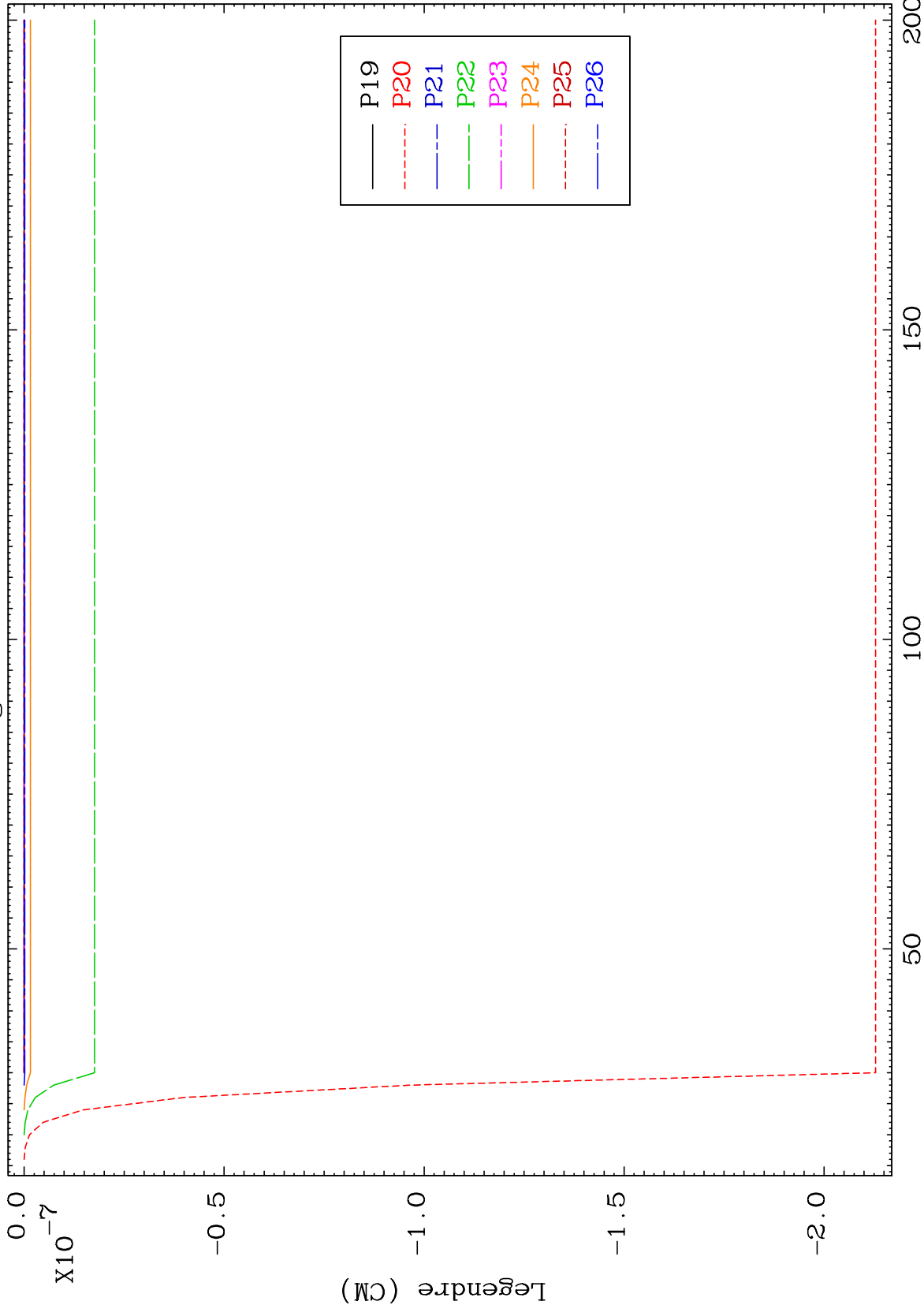
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



28-Ni-62

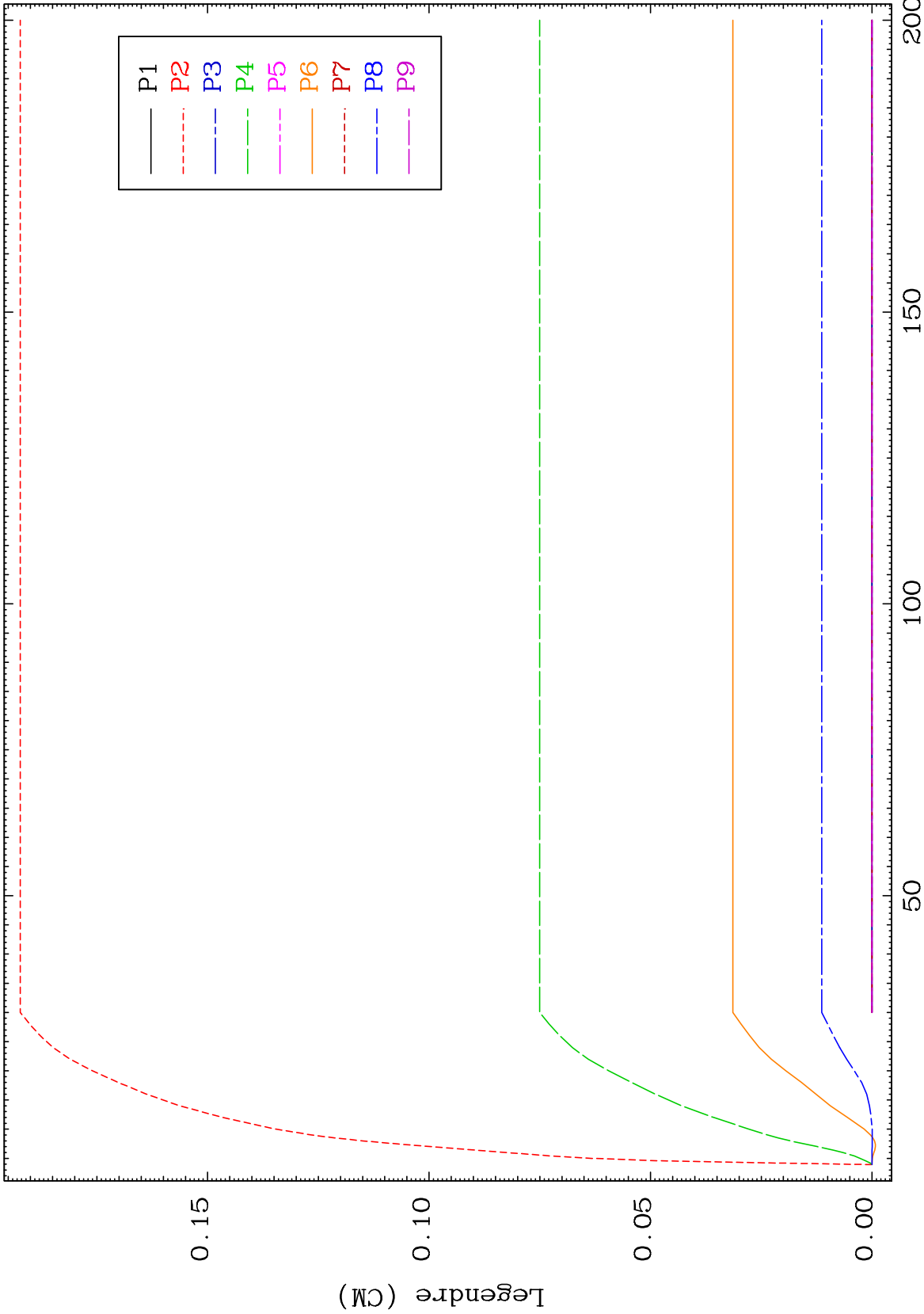
Incident Energy (MeV)

81

MAT 2837

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

28-Ni-62



82

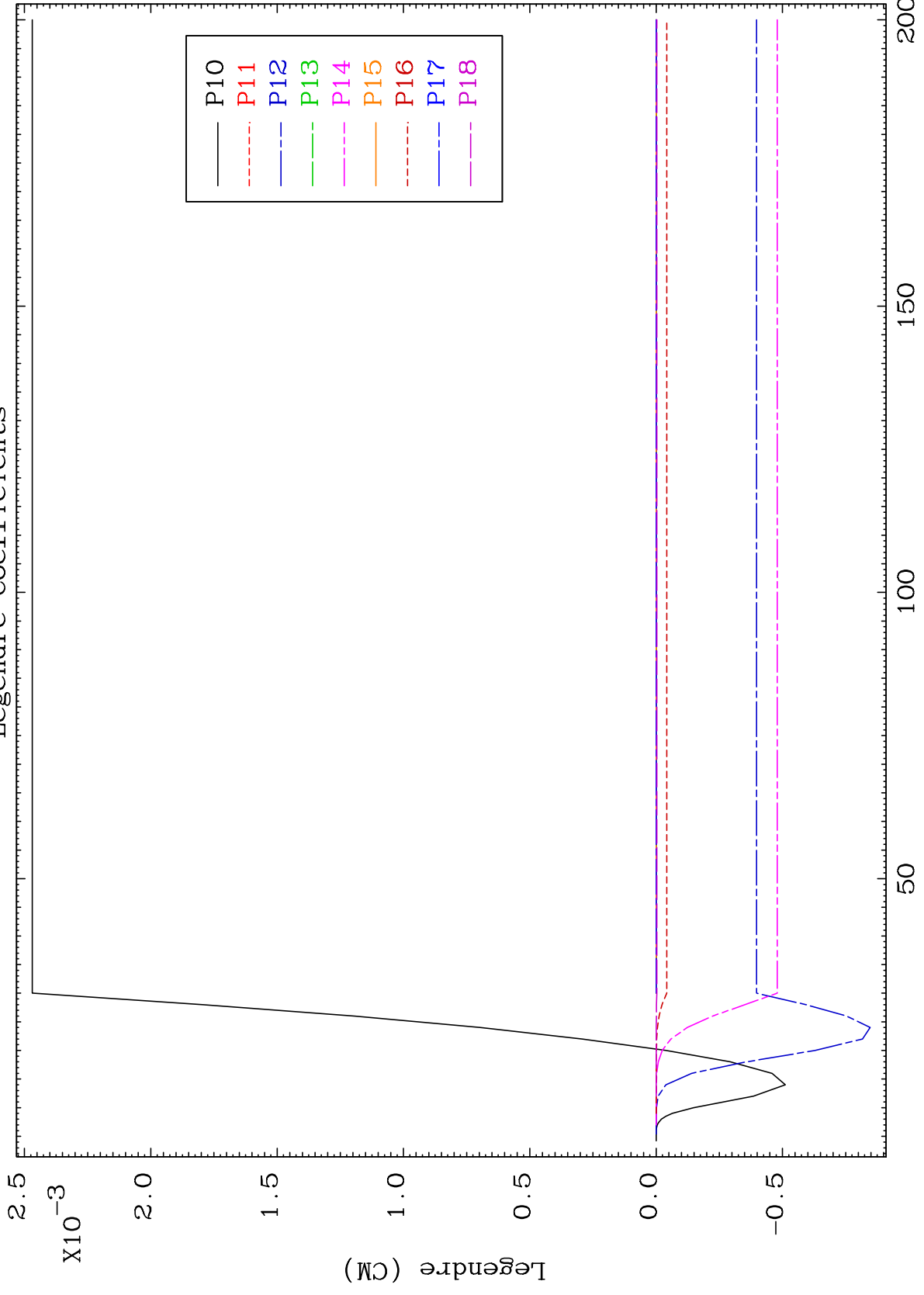
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

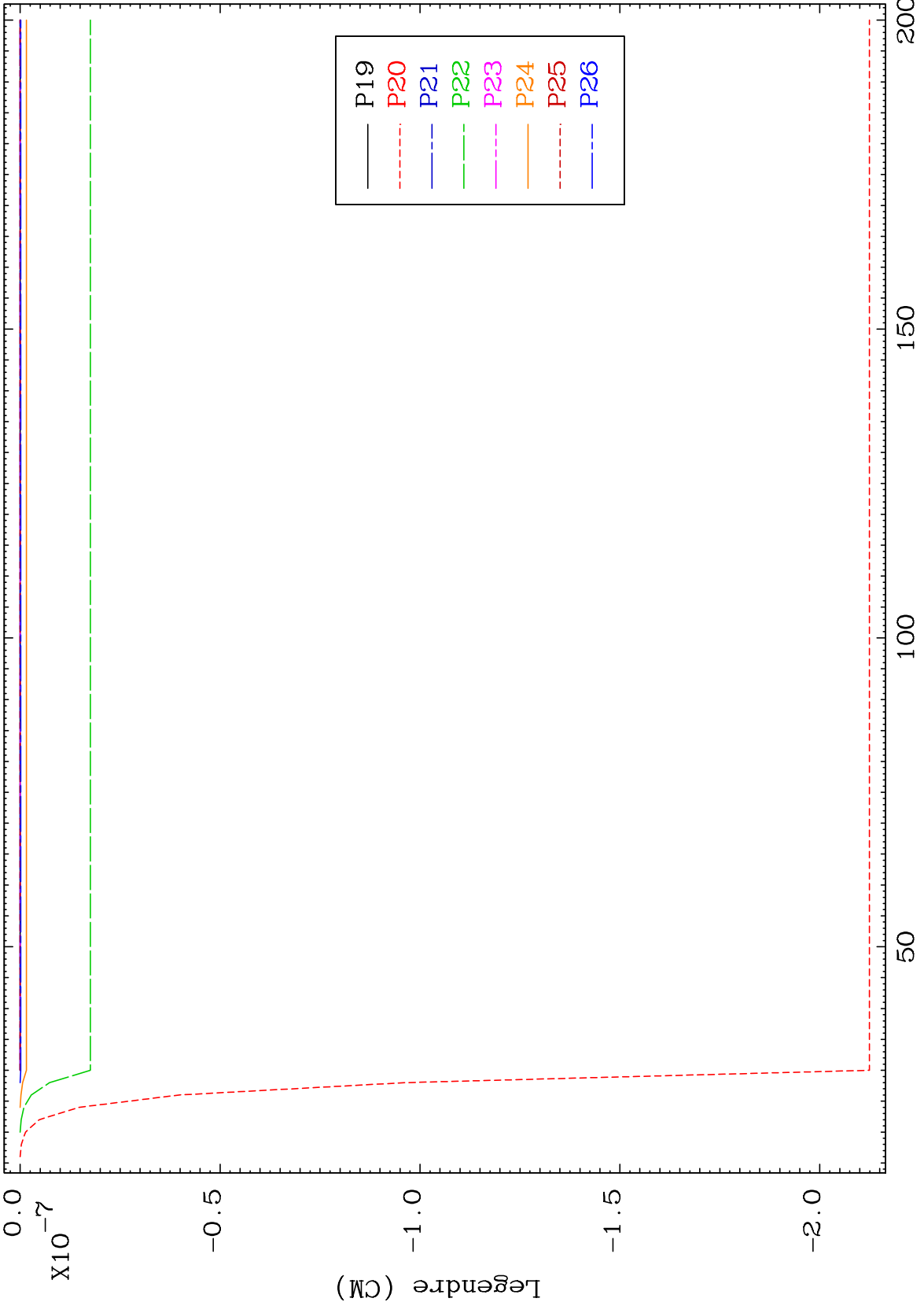
28-Ni-62



83

28-Ni-62

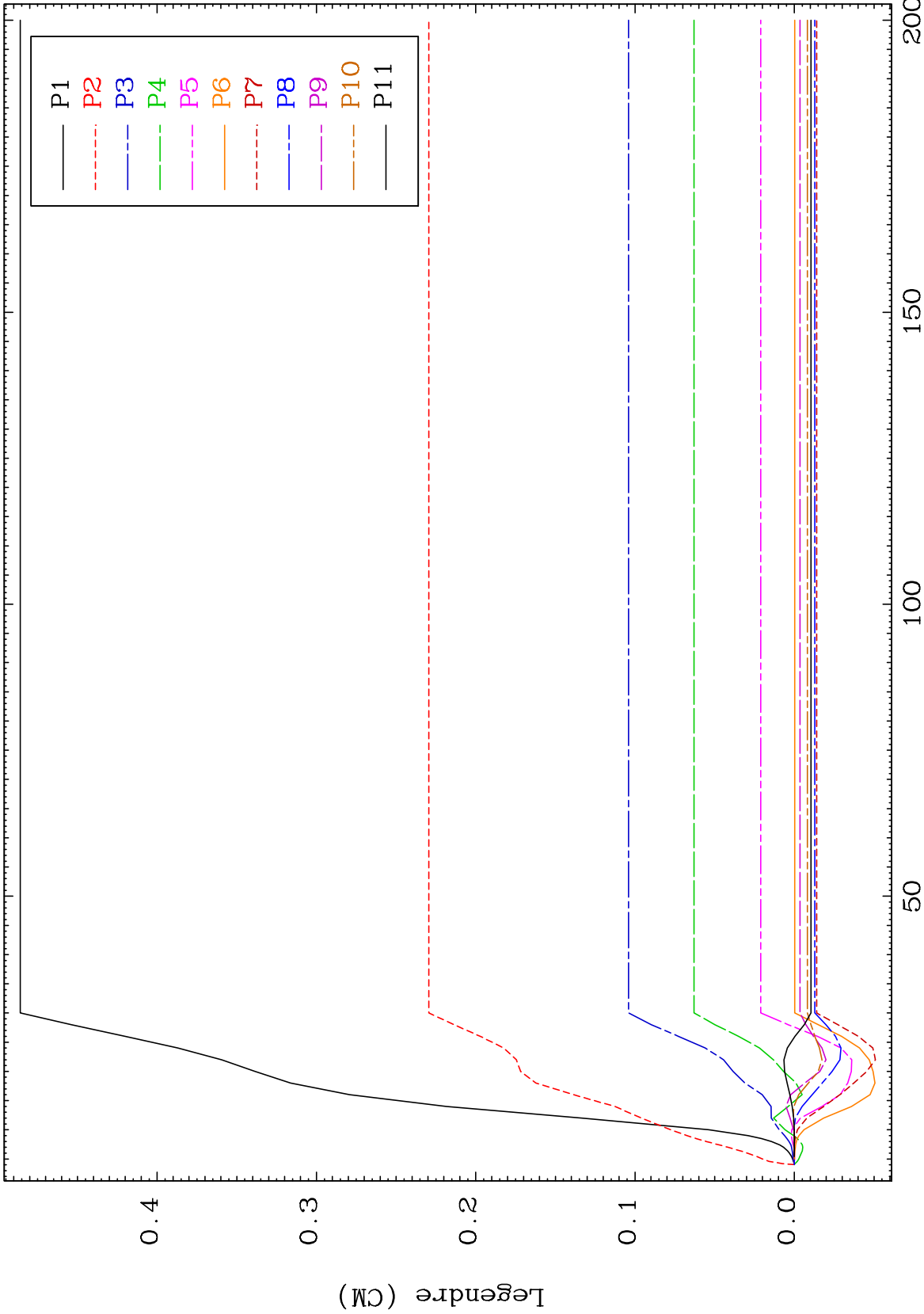
MAT 2837 MT= 72 (n,n') Level Legendre Coefficients 28-Ni-62



MAT 2837

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

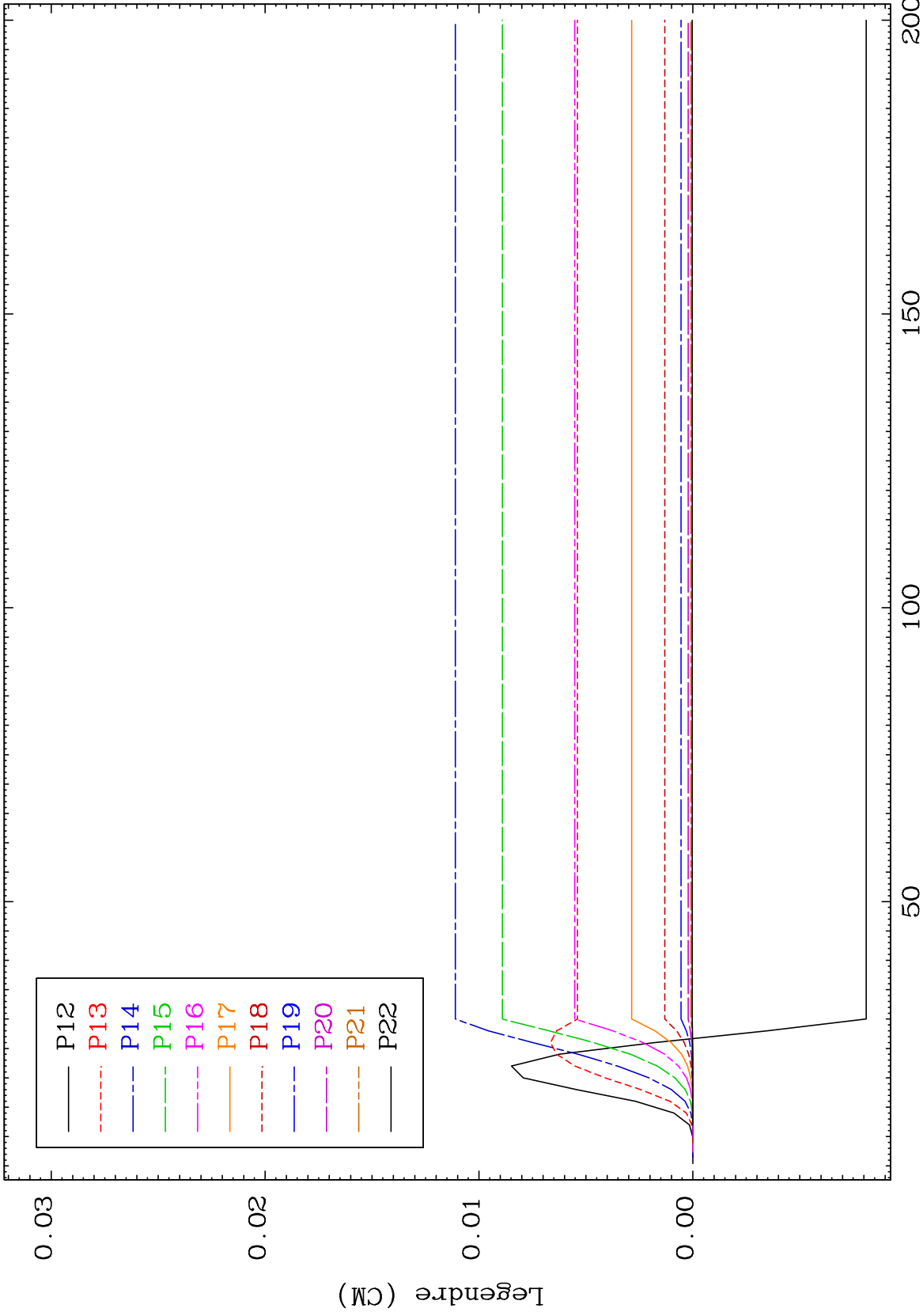
28-Ni-62



85

Incident Energy (MeV)

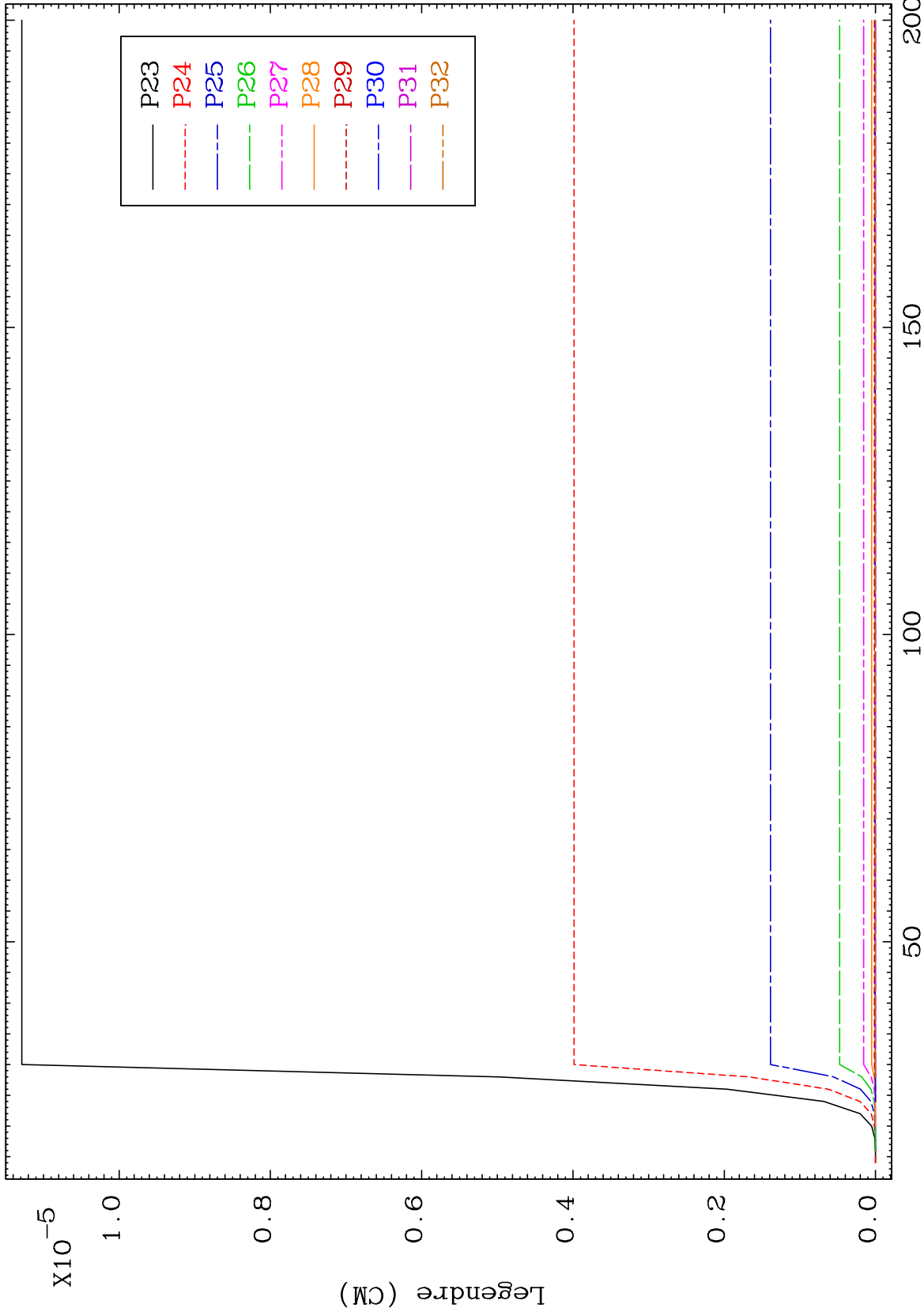
28-Ni-62



MAT 2837

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

28-Ni-62



87

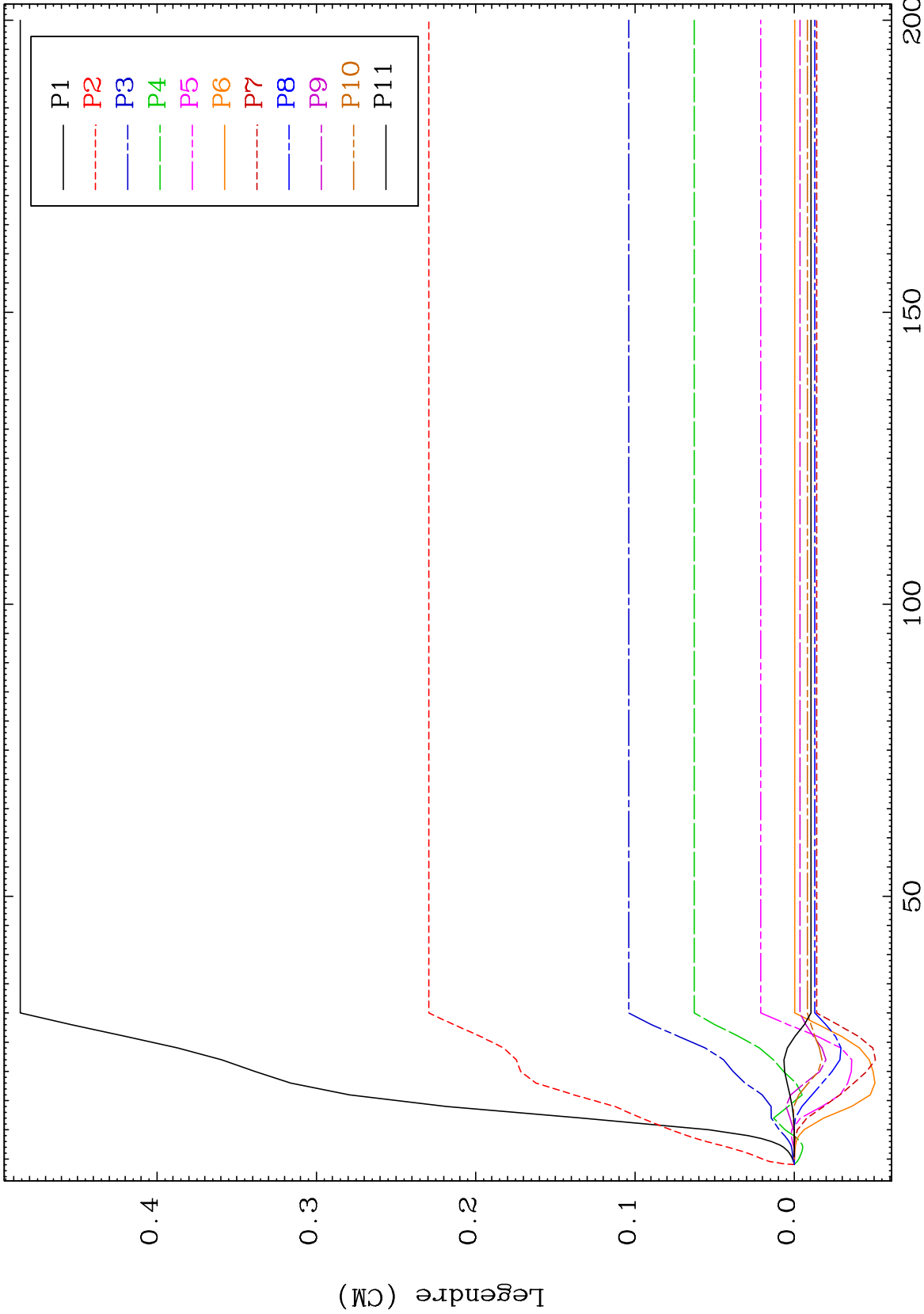
Incident Energy (MeV)

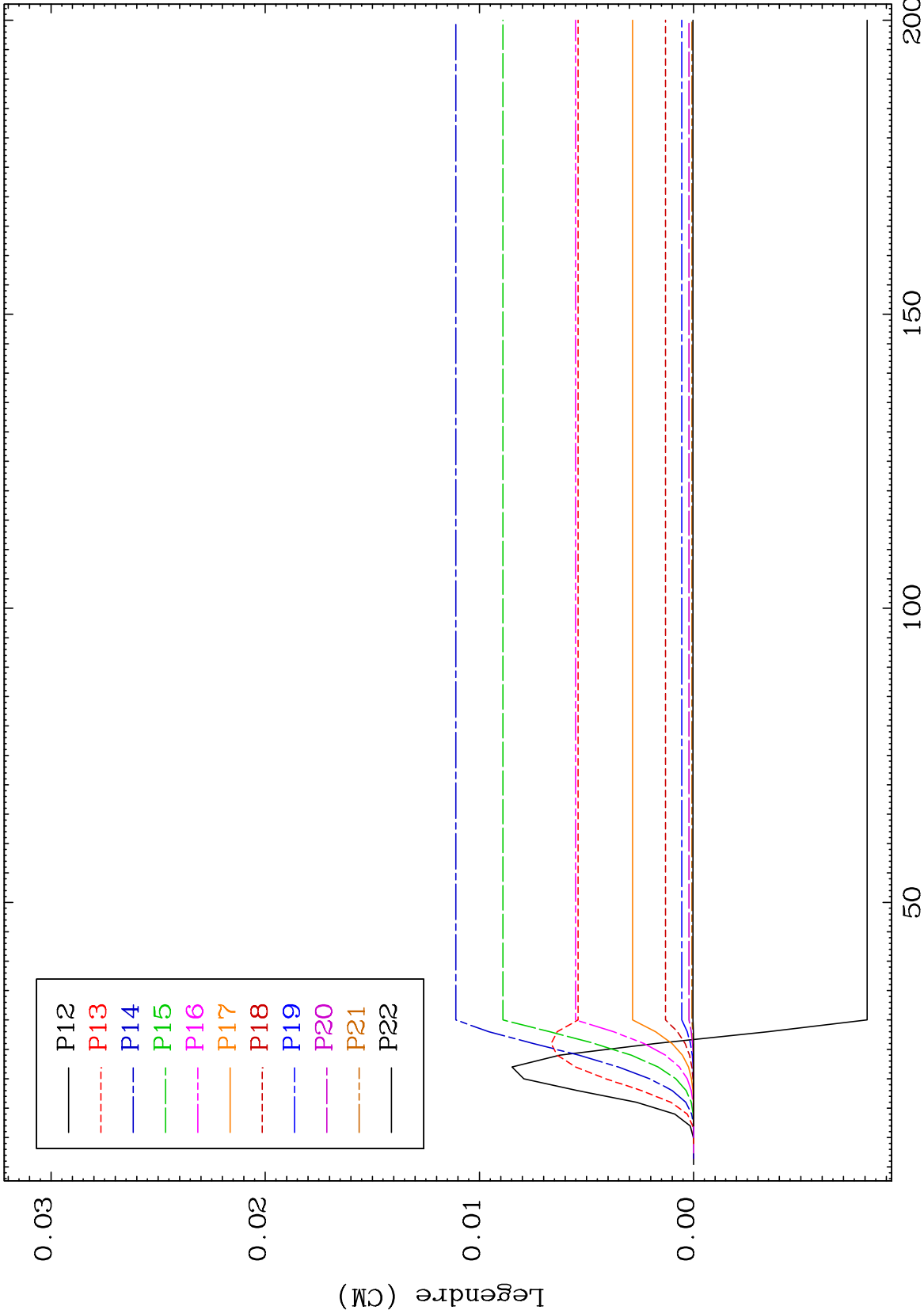
28-Ni-62

MAT 2837

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

28-Ni-62

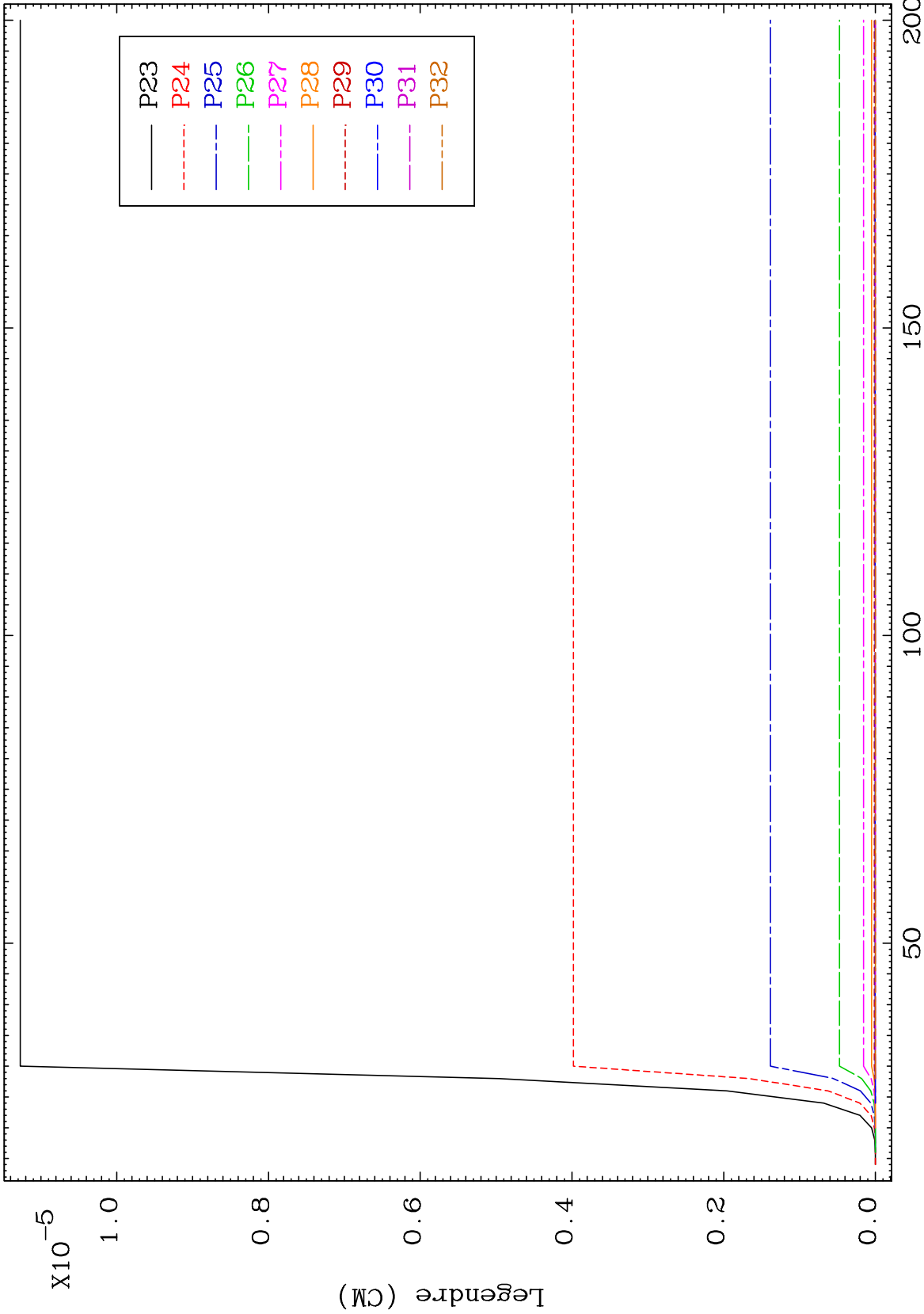




MAT 2837

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

28-Ni-62



90

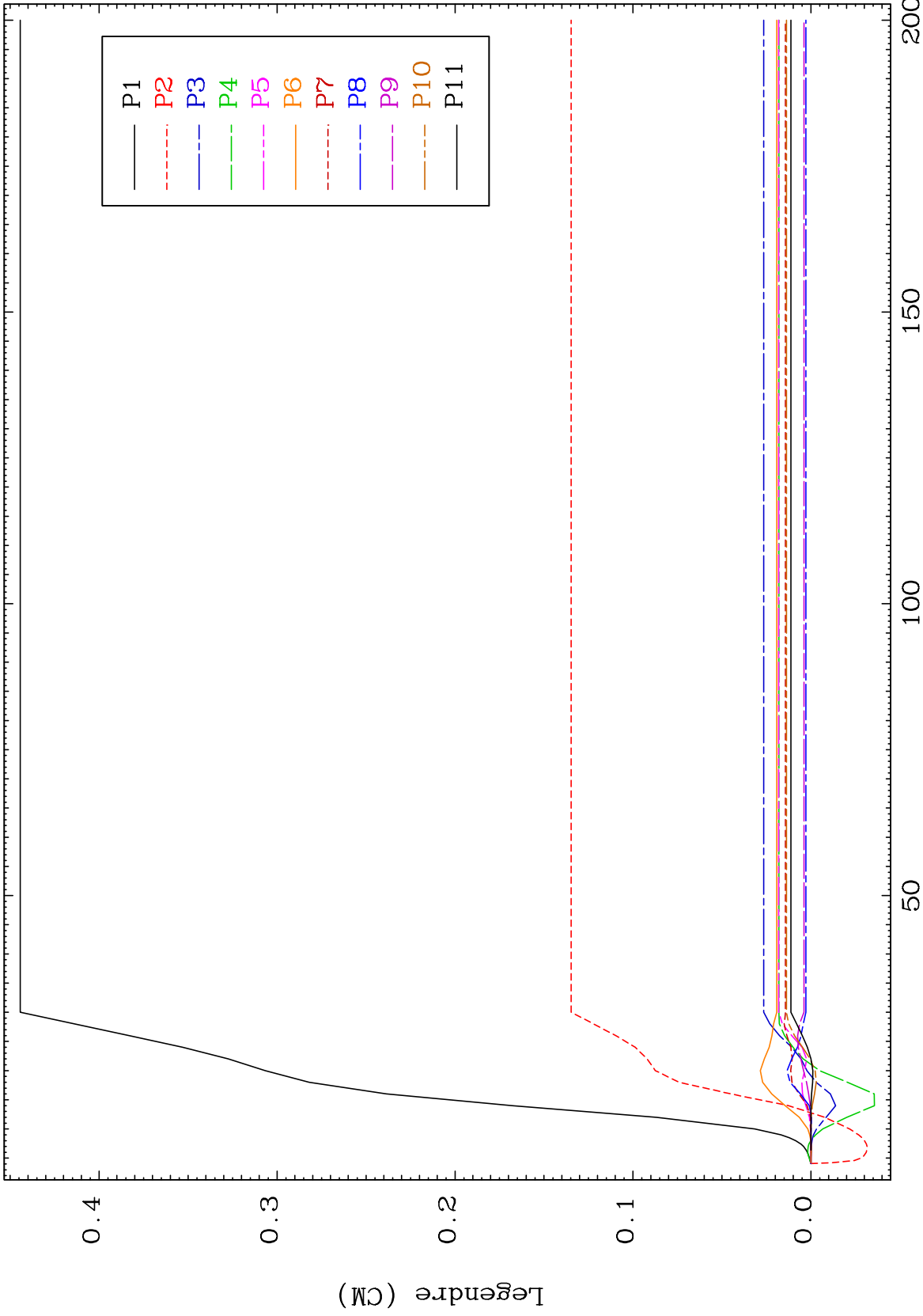
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



91

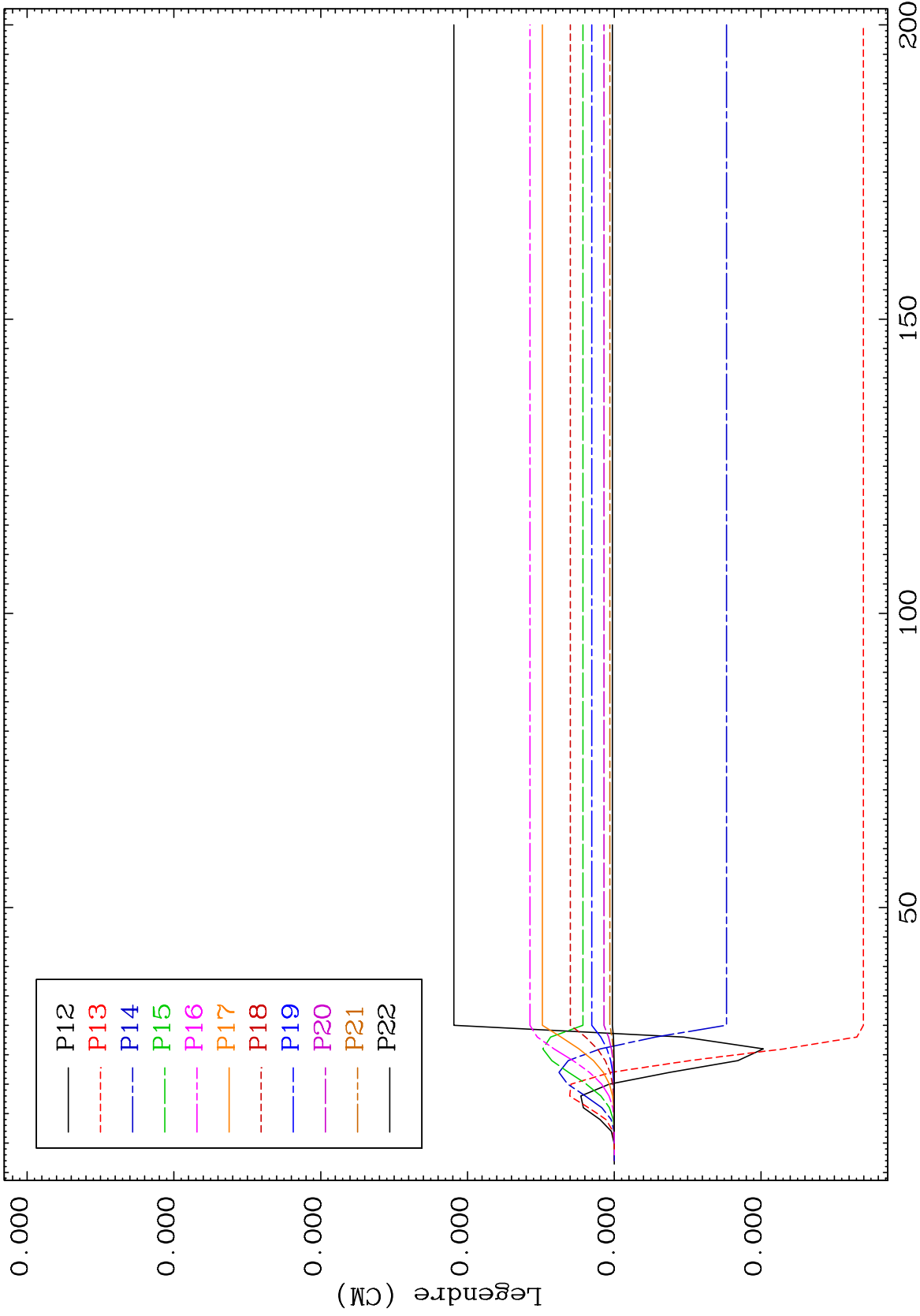
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



92

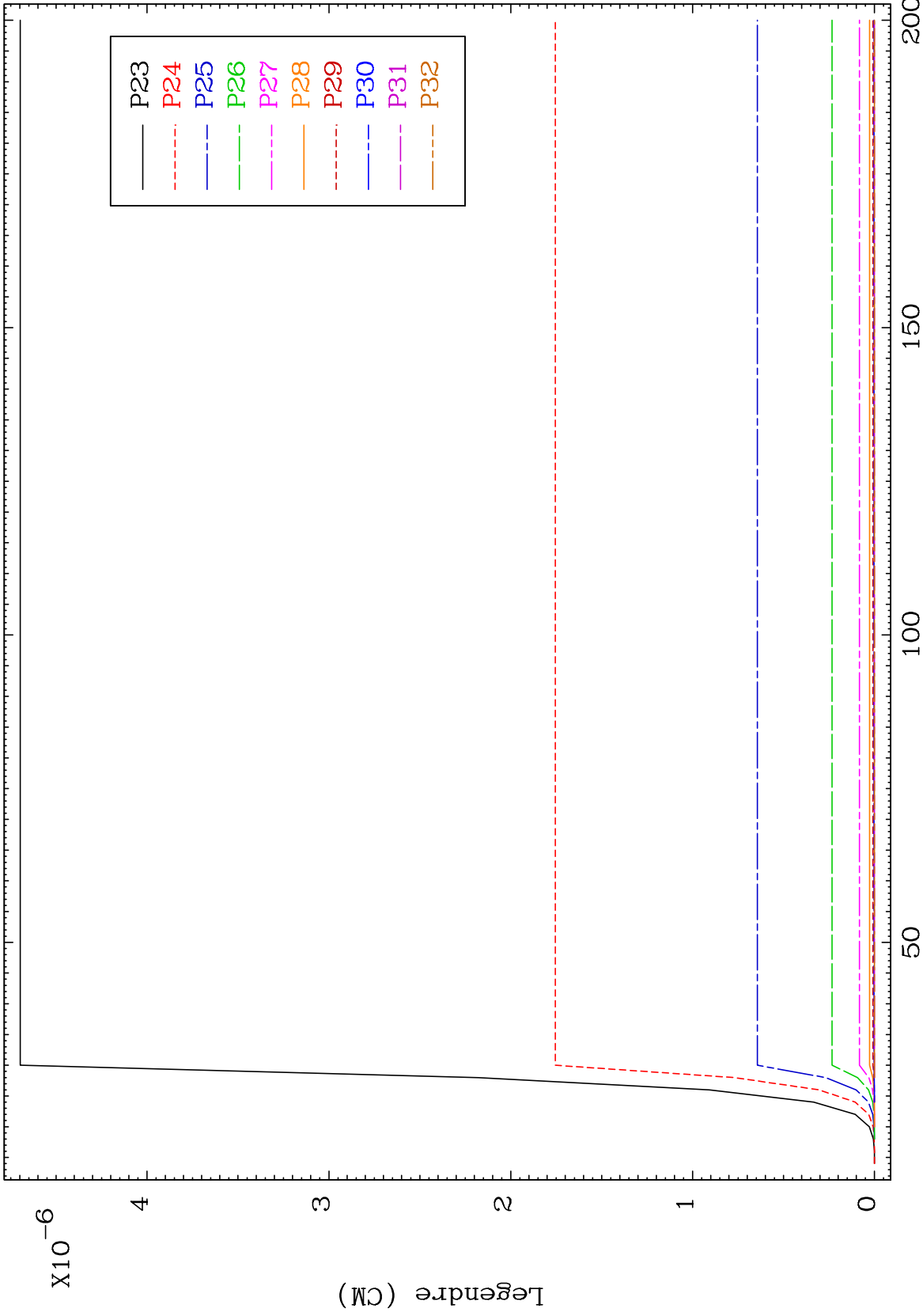
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62

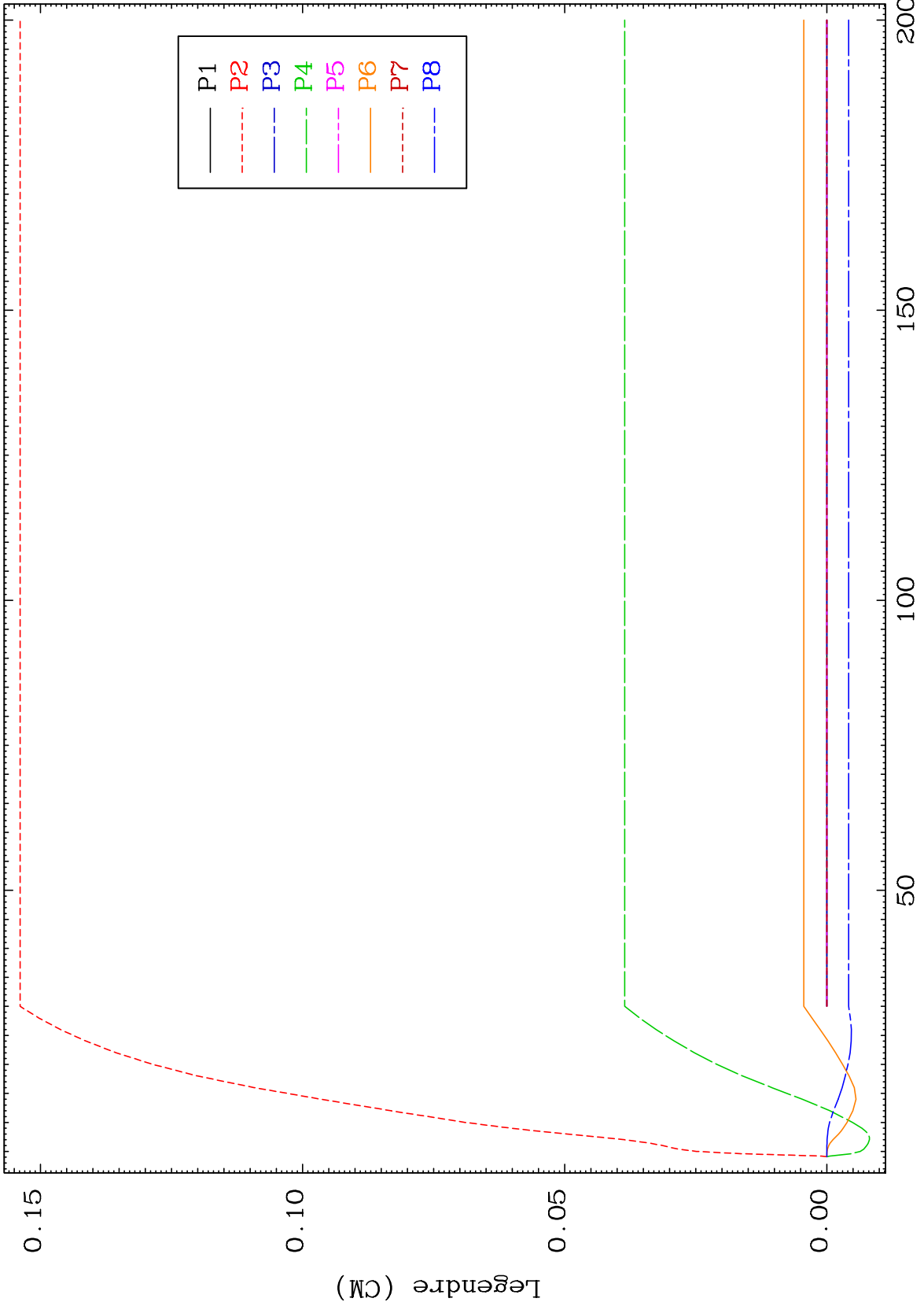


93

Incident Energy (MeV)

28-Ni-62

MAT 2837 MT= 76 (n,n') Level Legendre Coefficients 28-Ni-62

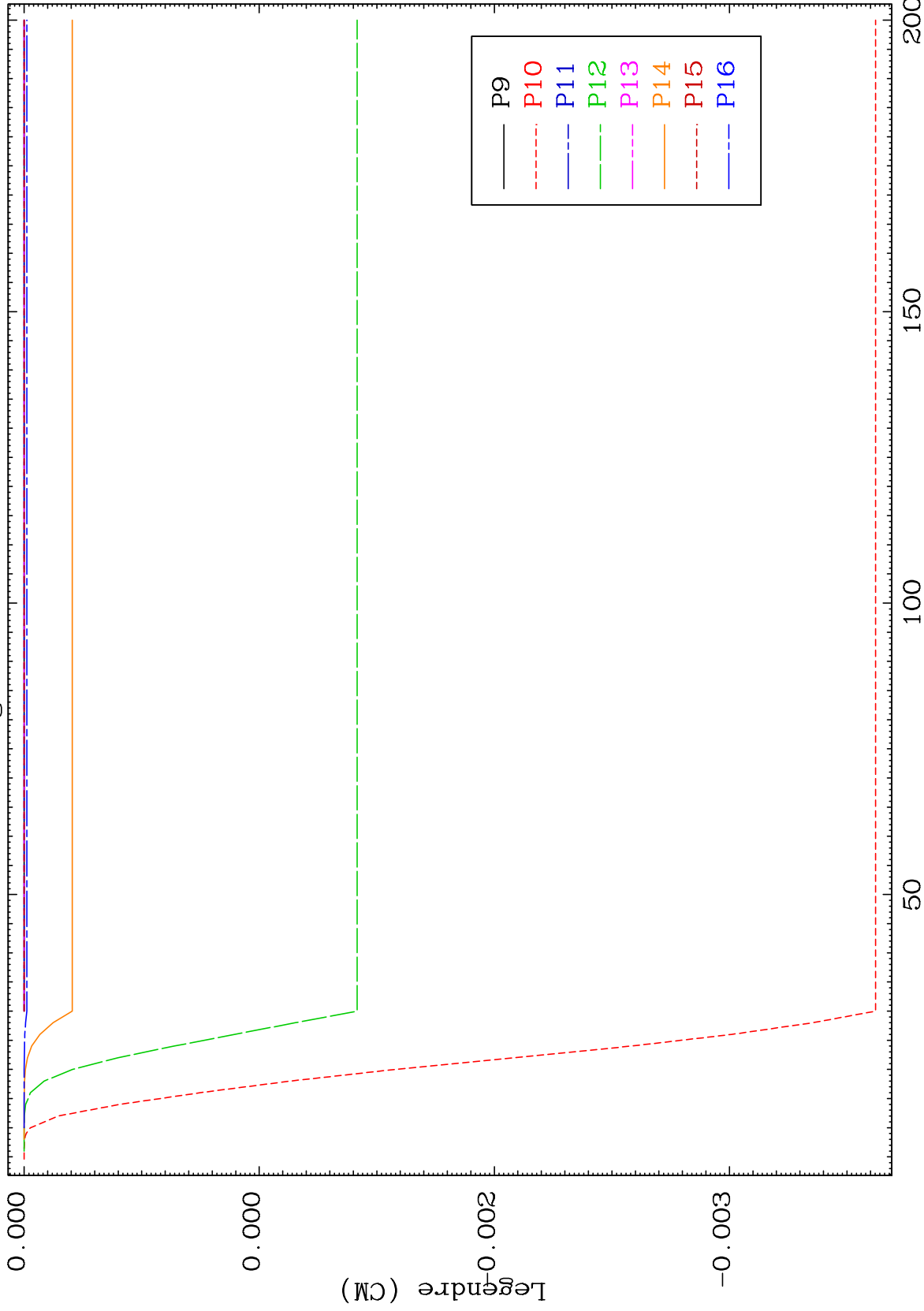


94 28-Ni-62

MAT 2837

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

28-Ni-62



95

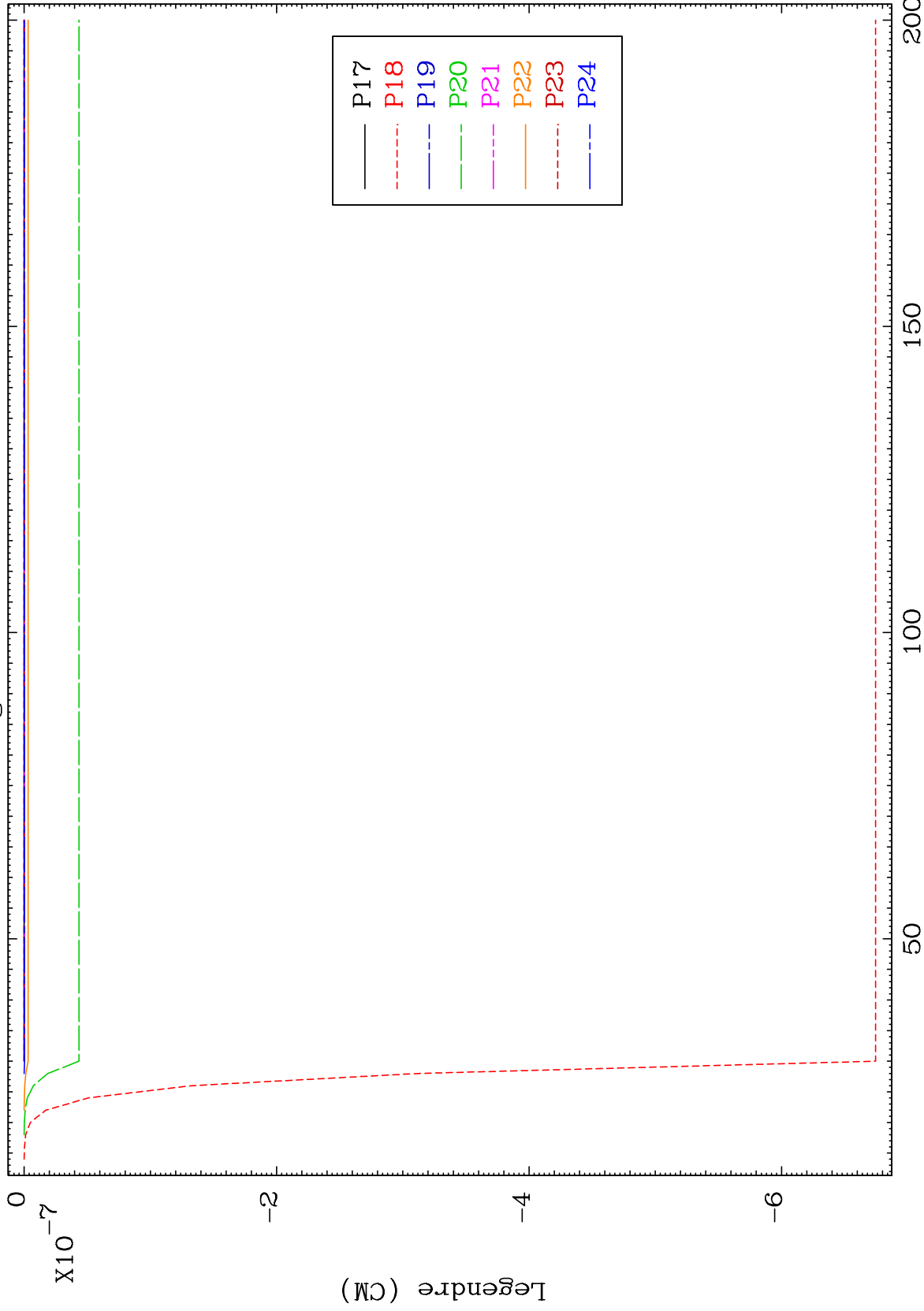
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



96

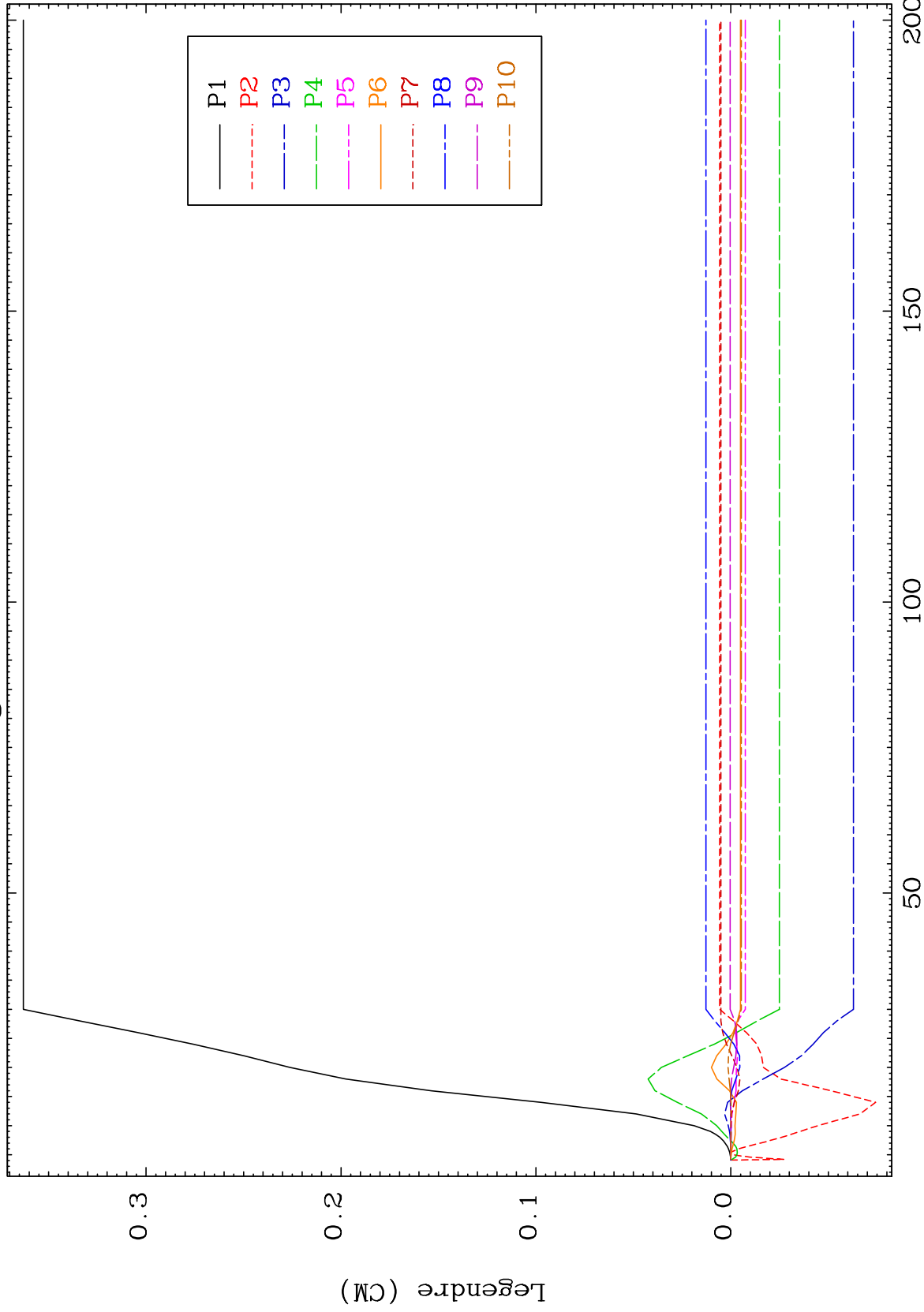
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



97

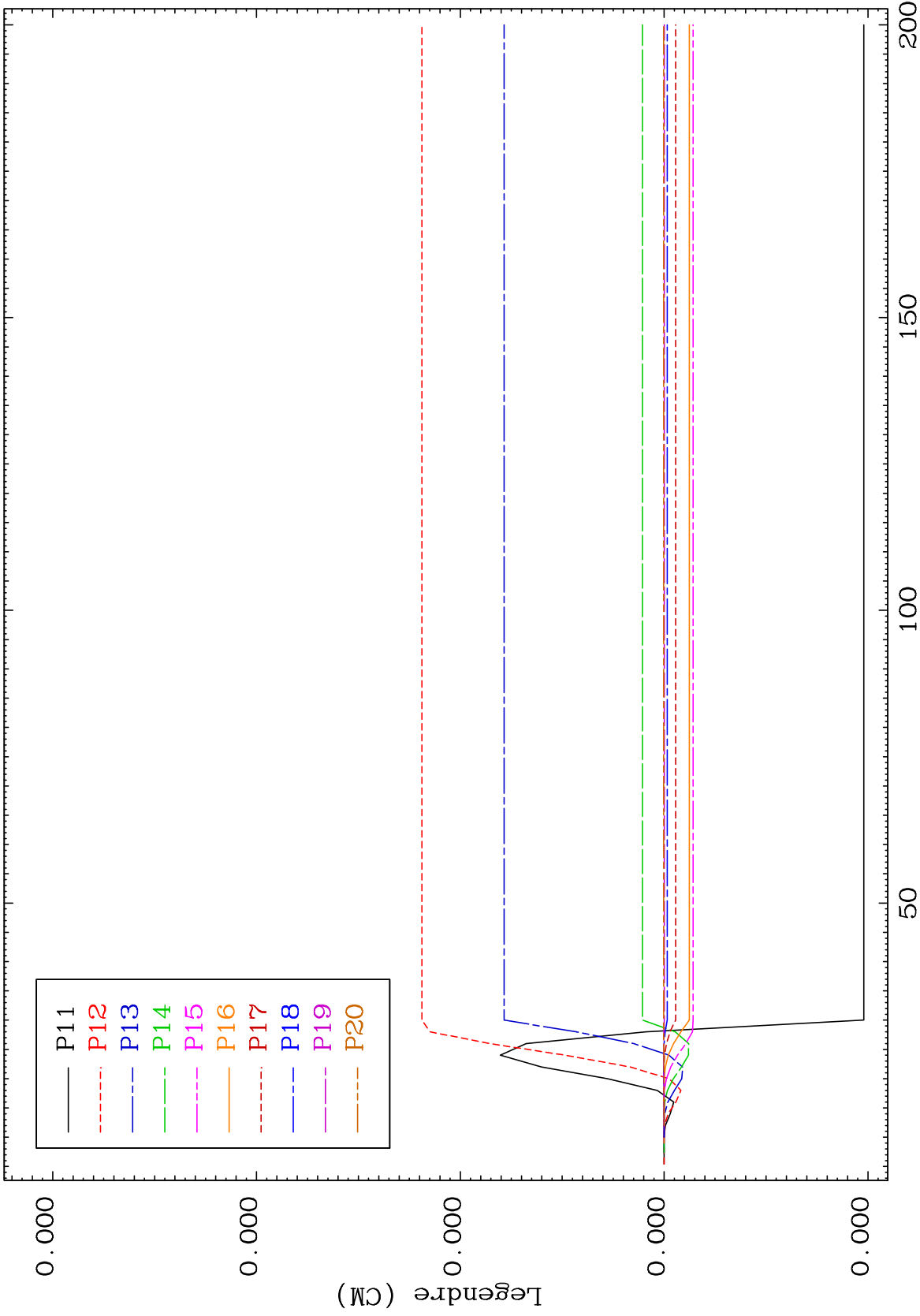
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



98

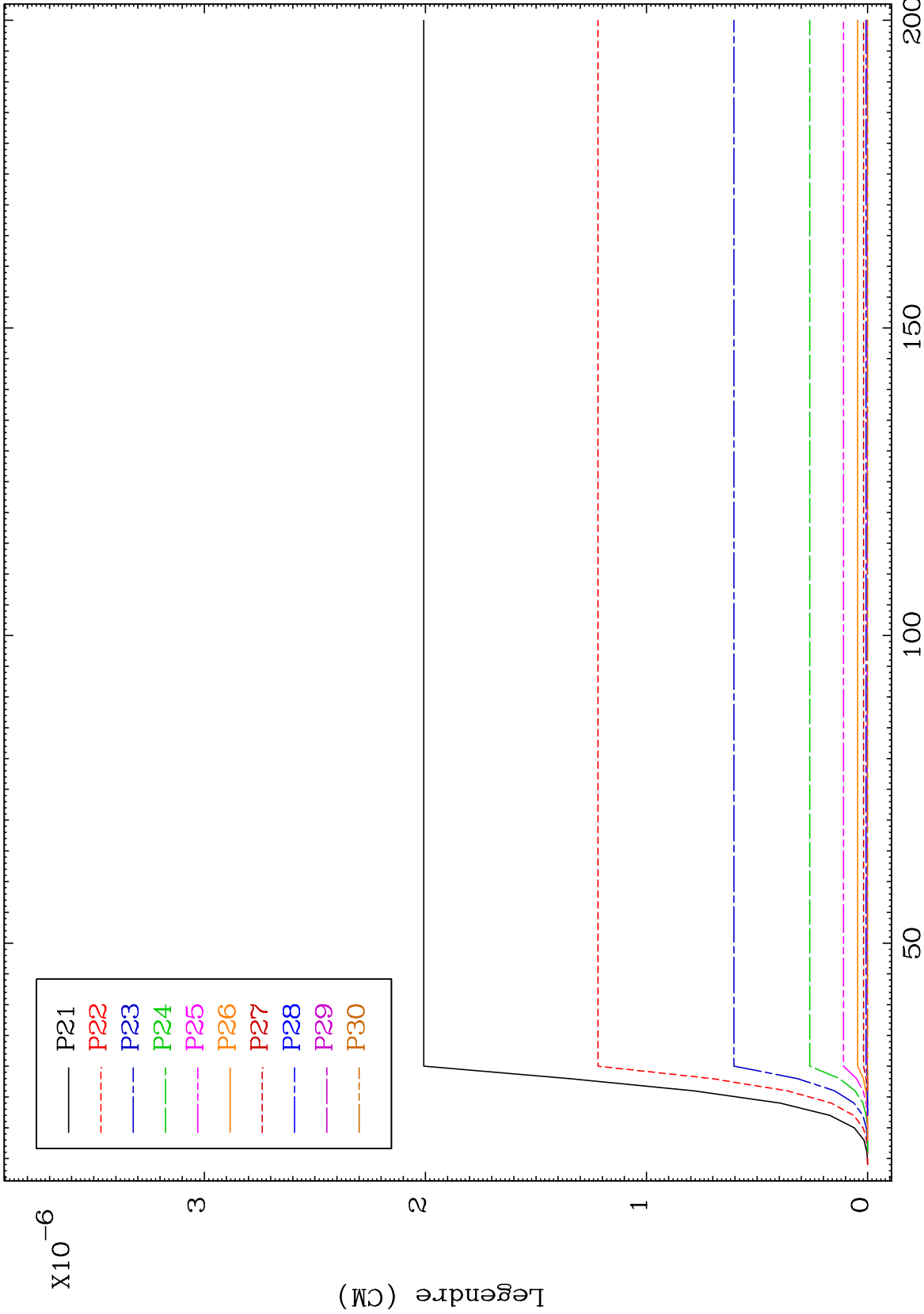
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



99

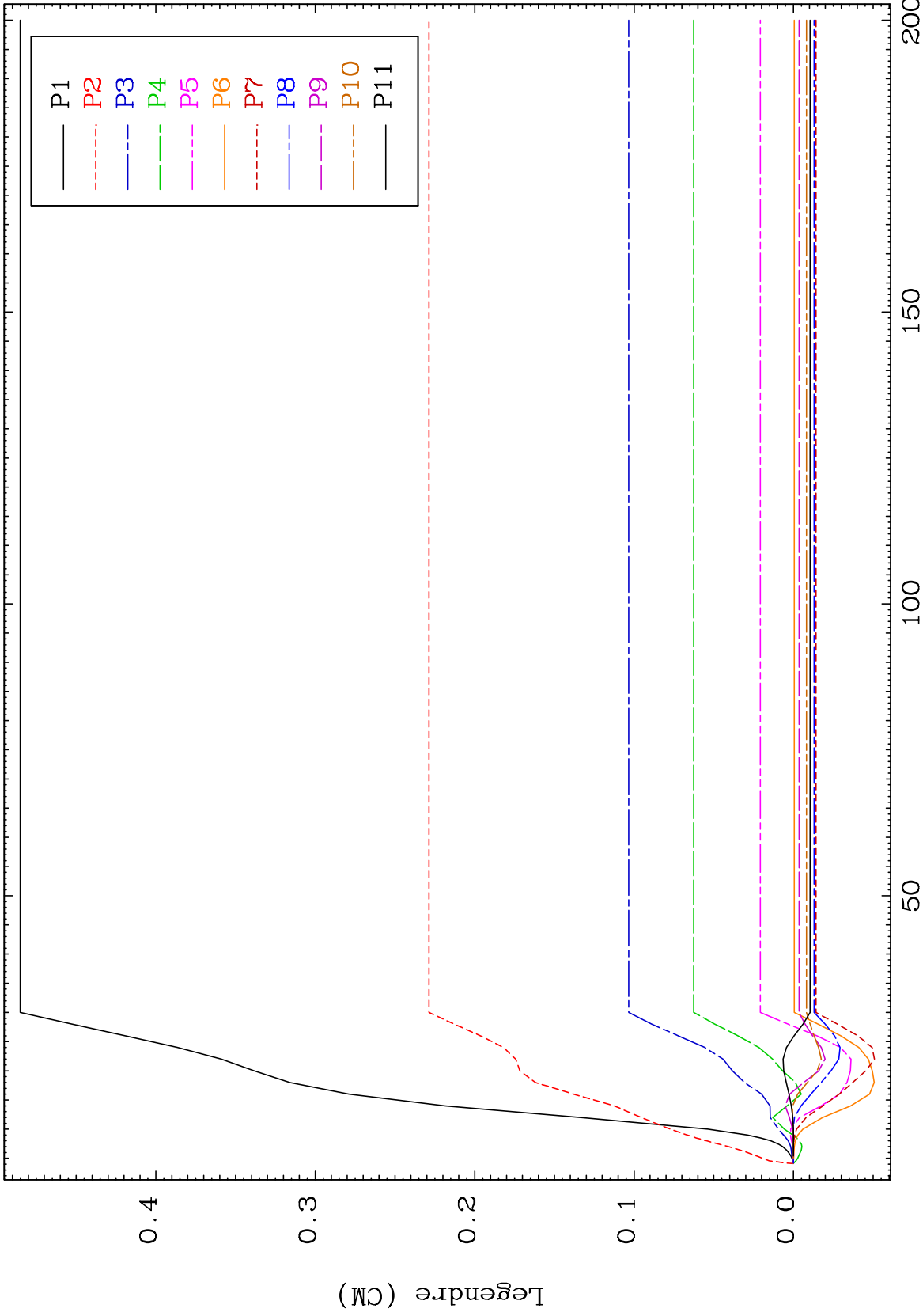
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



28-Ni-62

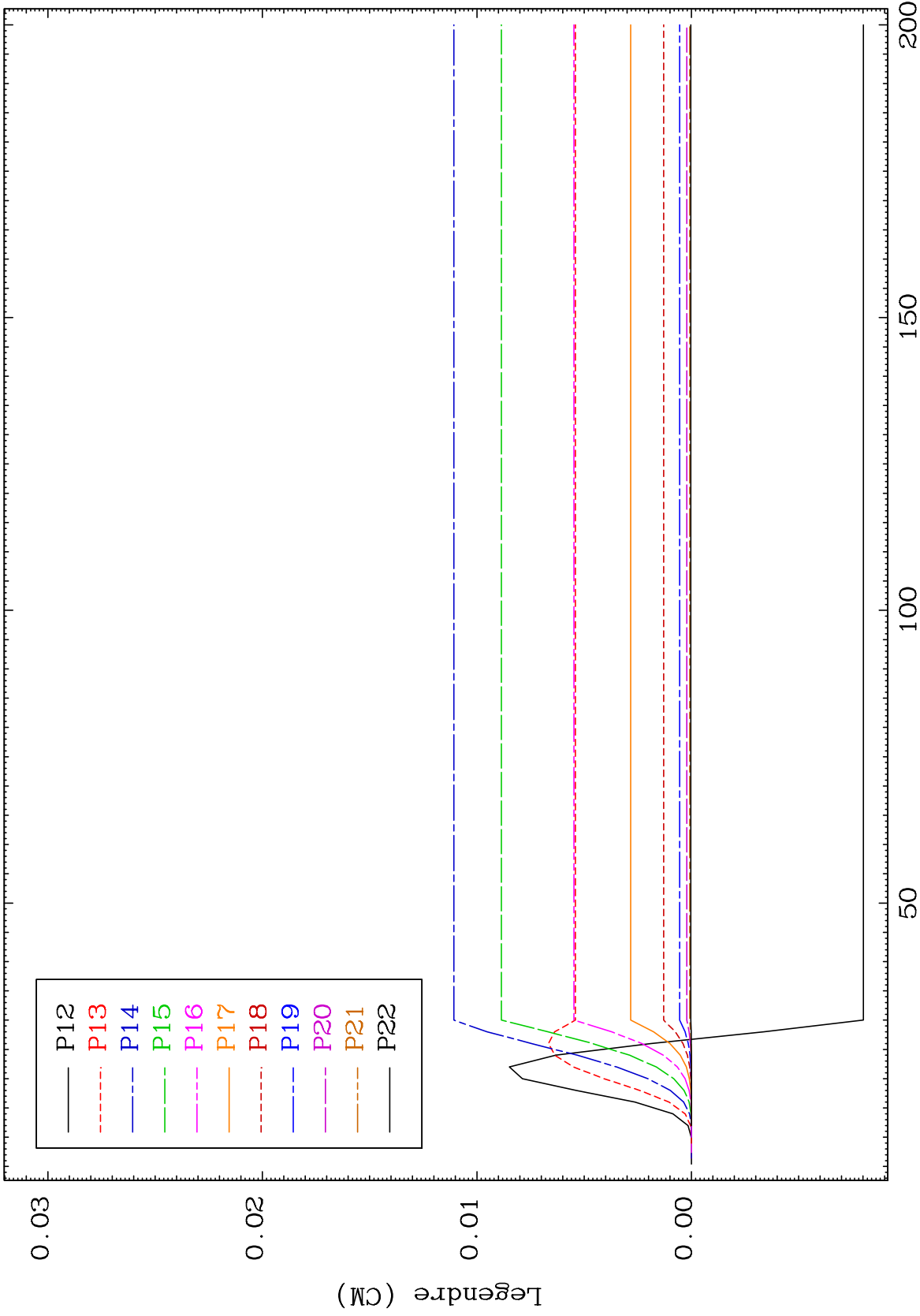
Incident Energy (MeV)

100

MAT 2837

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

28-Ni-62



101

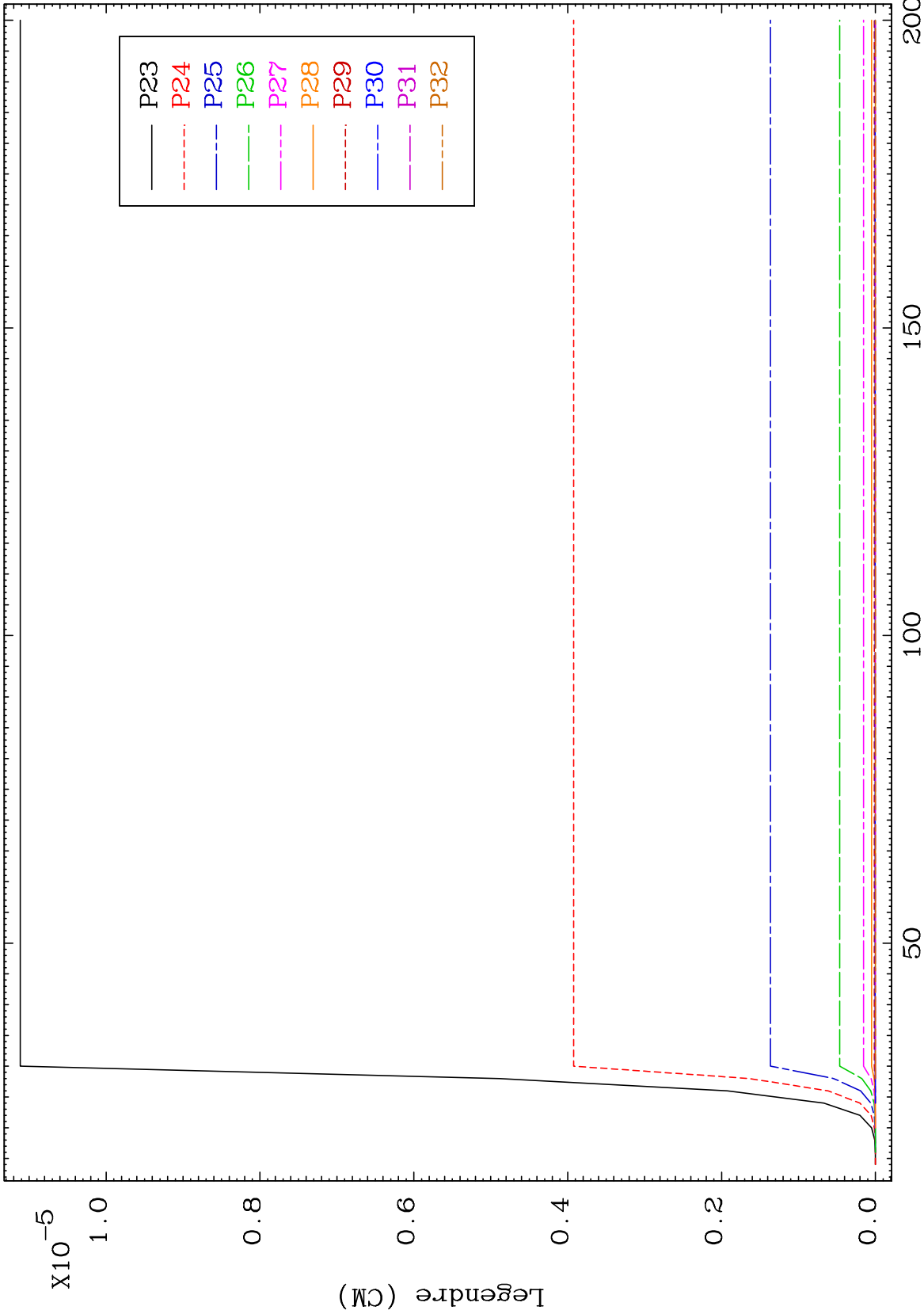
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



102

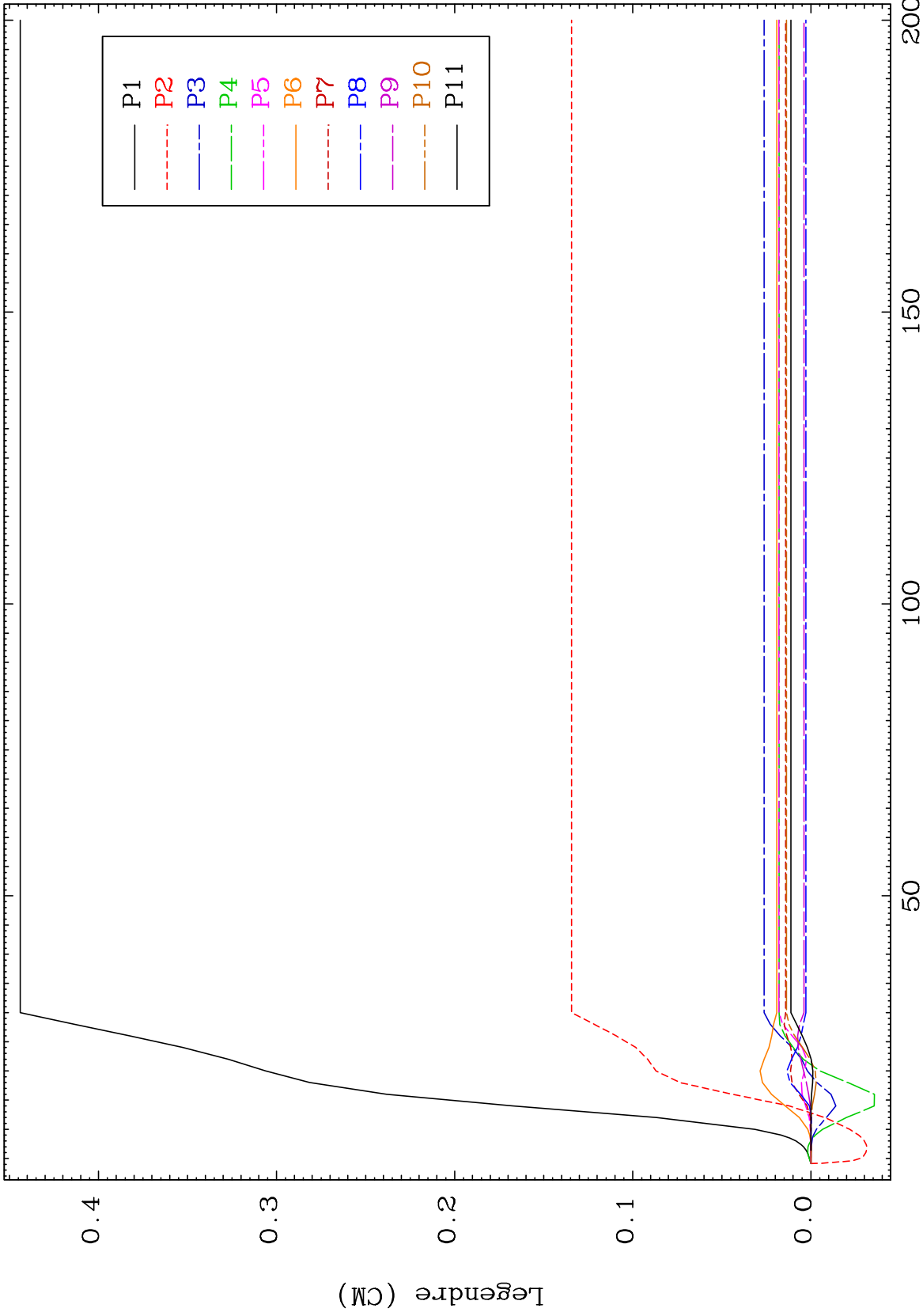
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



103

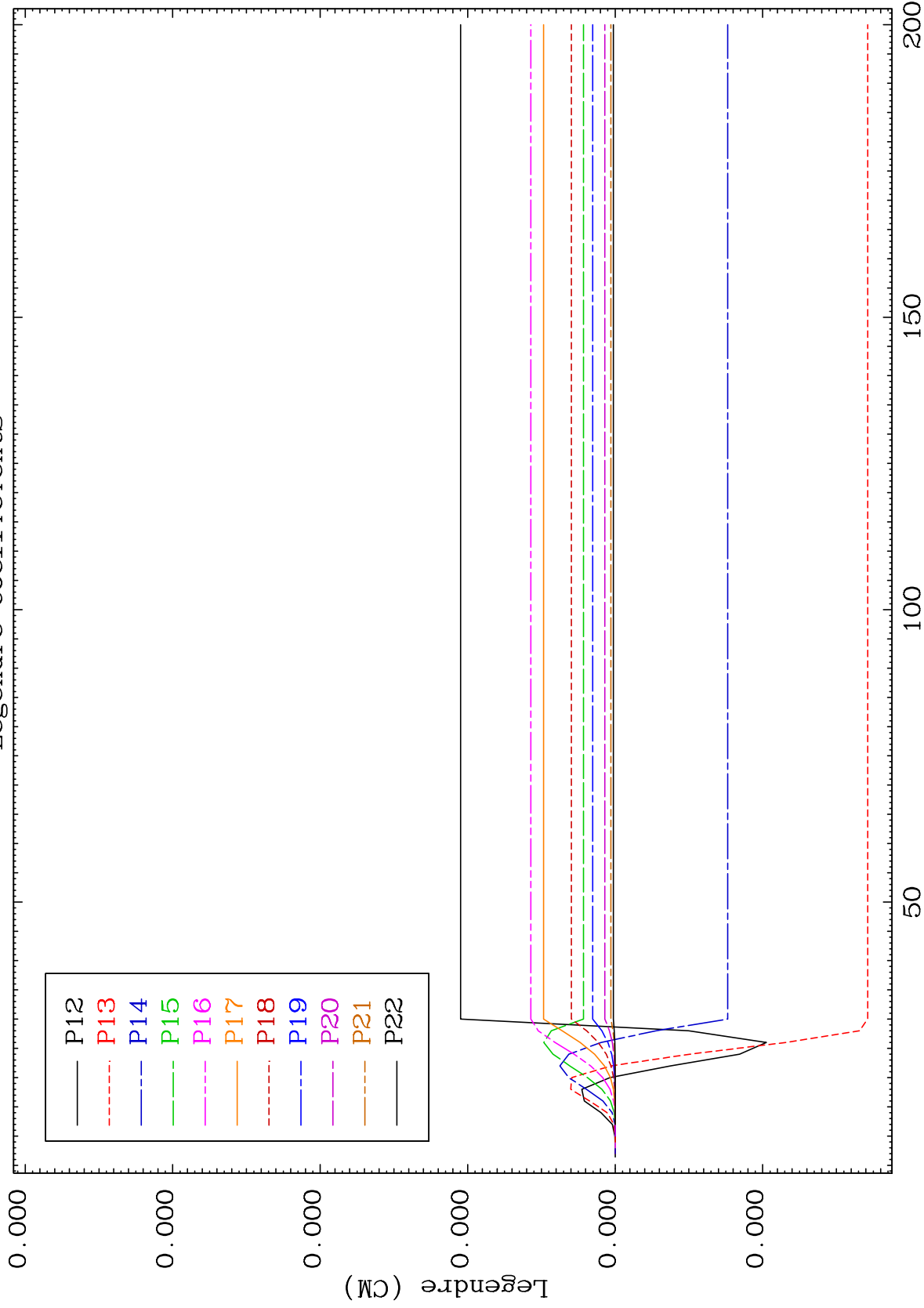
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



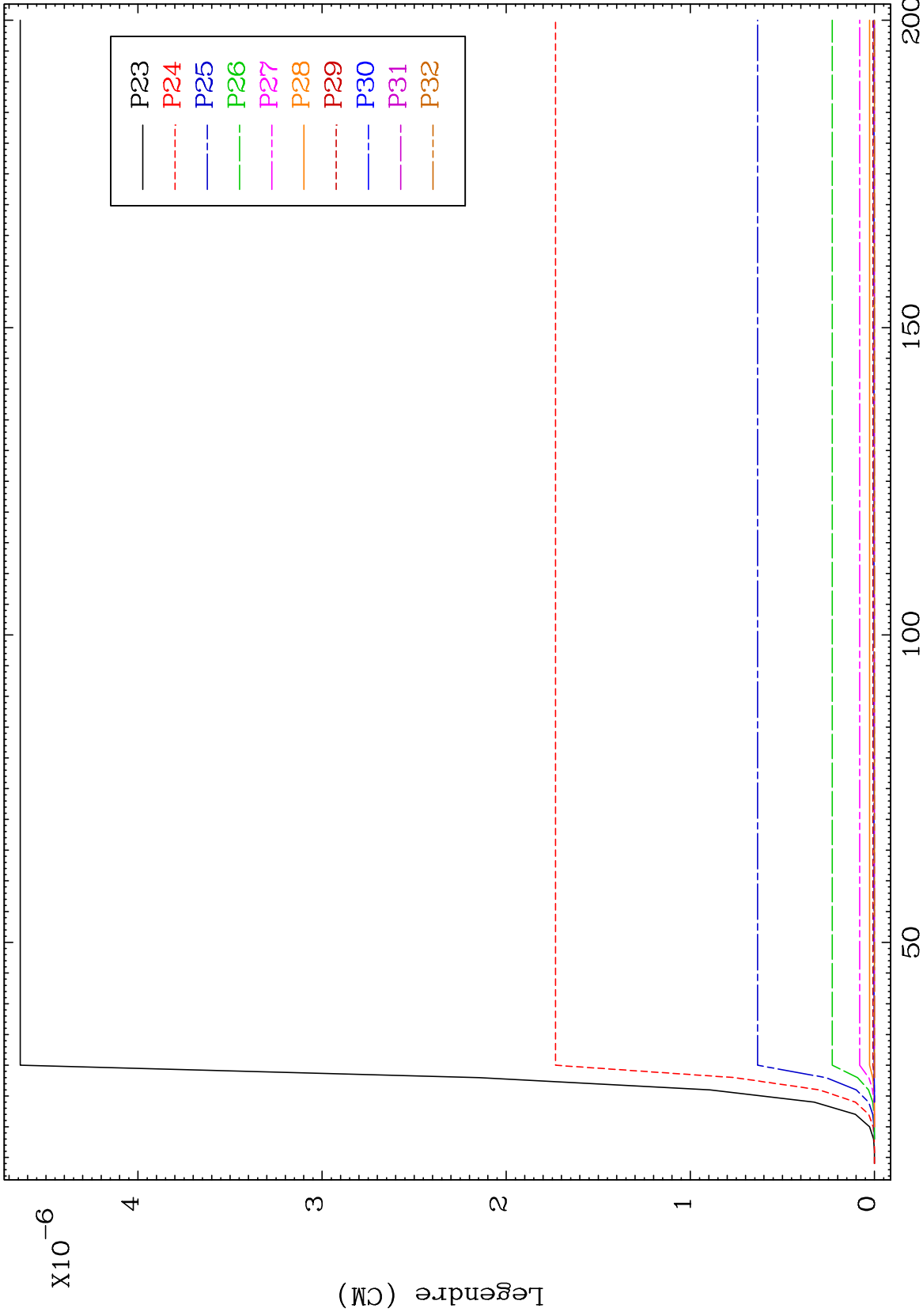
104

28-Ni-62

MAT 2837

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

28-Ni-62



105

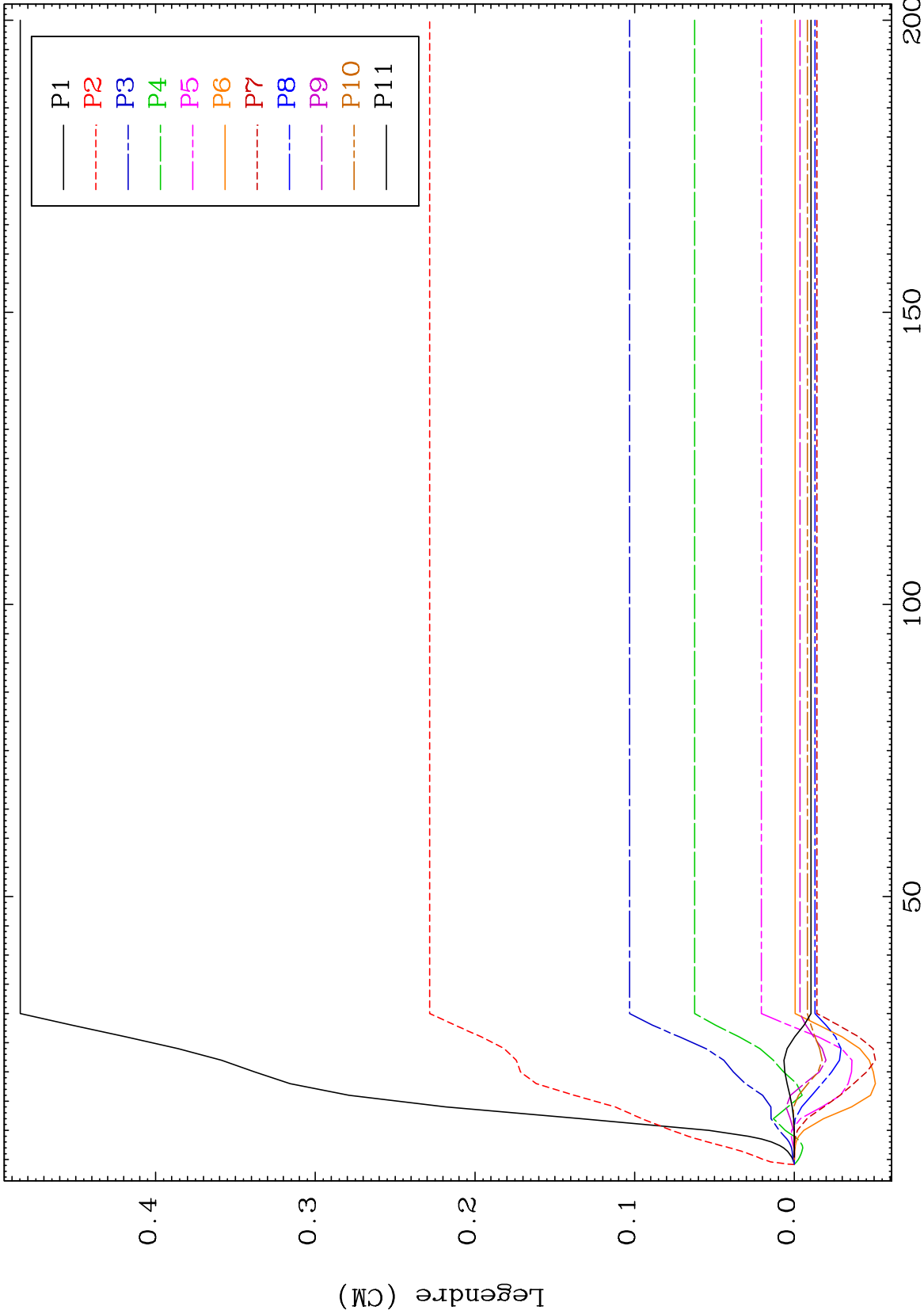
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



106

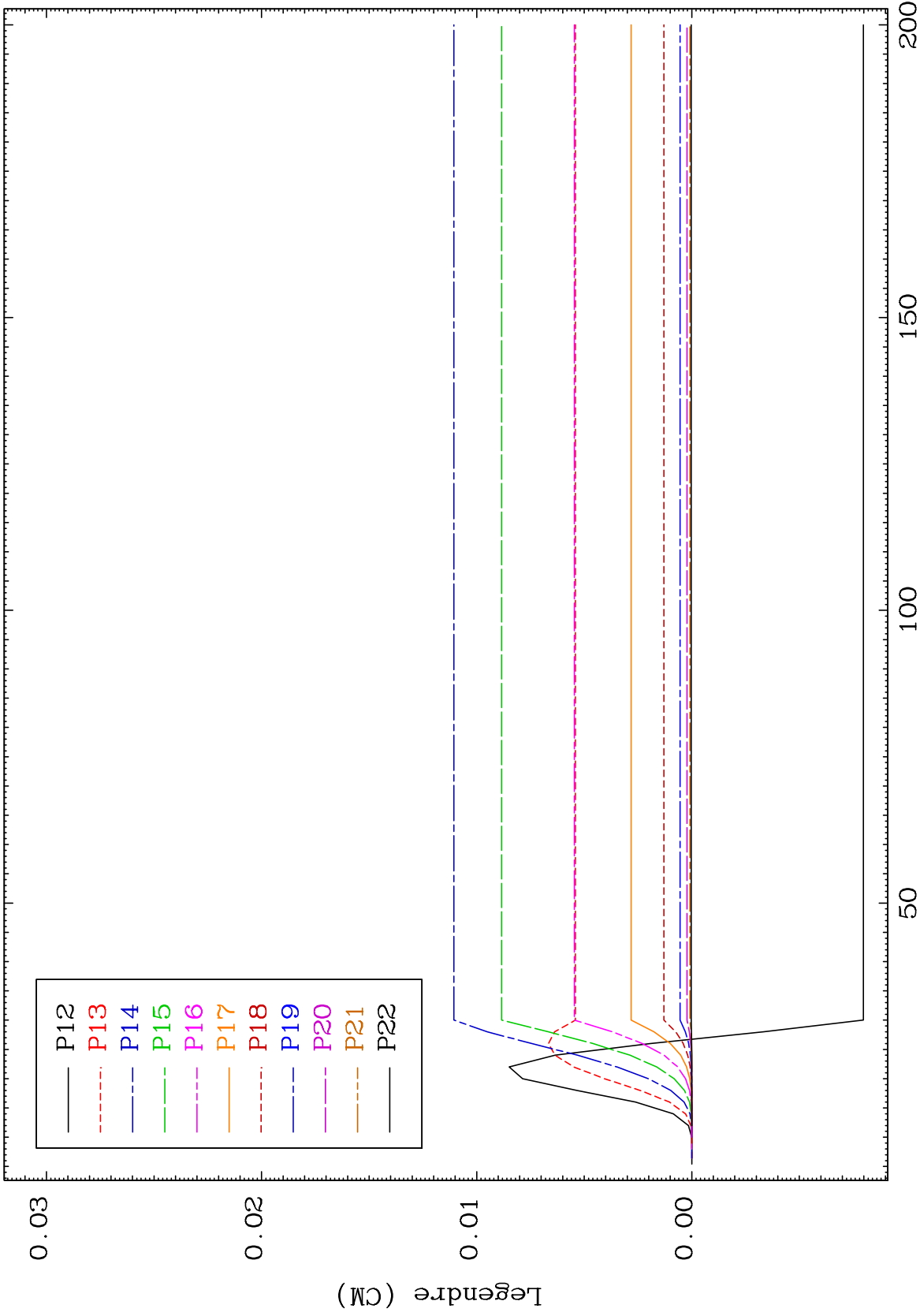
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



107

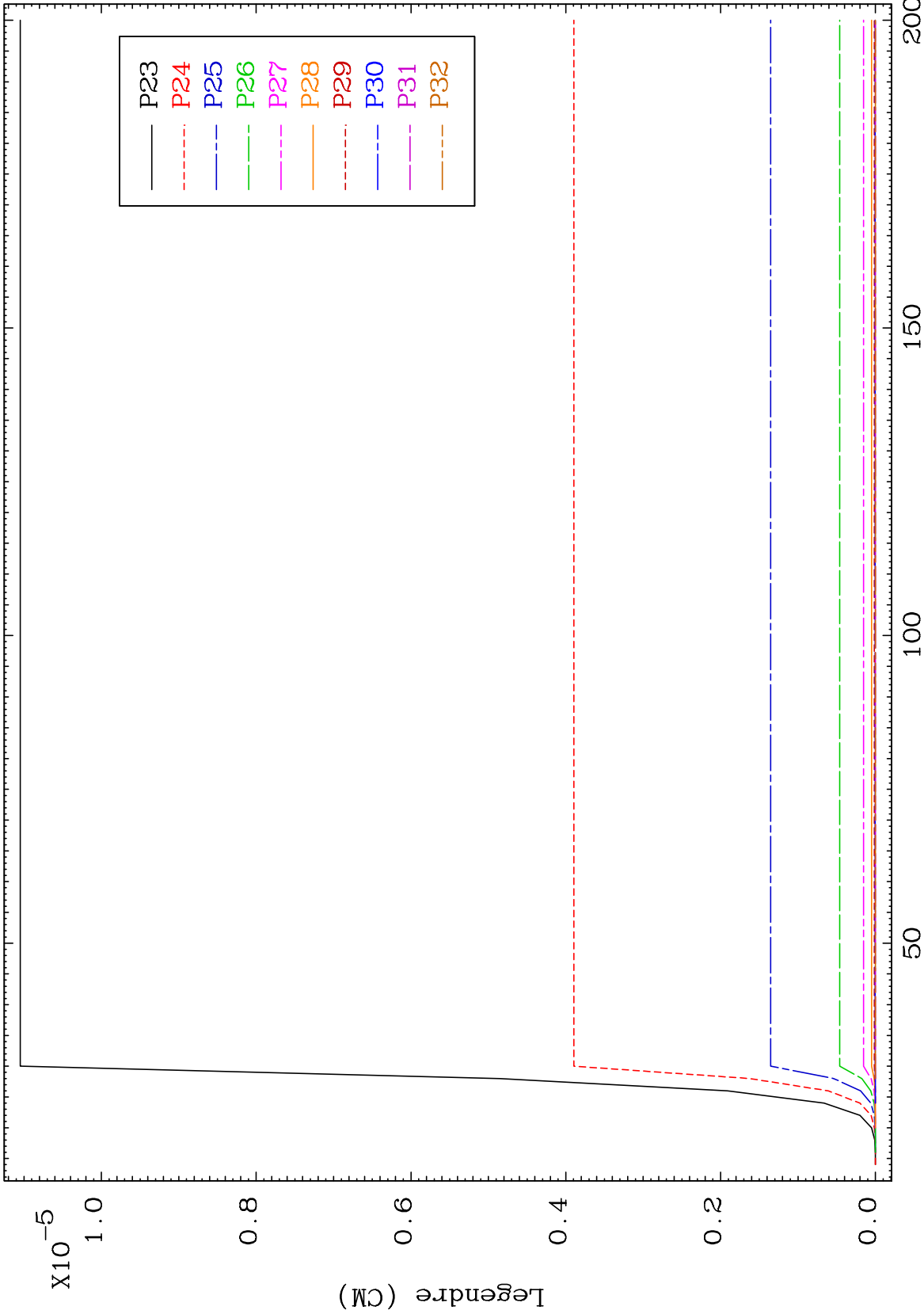
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



108

Incident Energy (MeV)

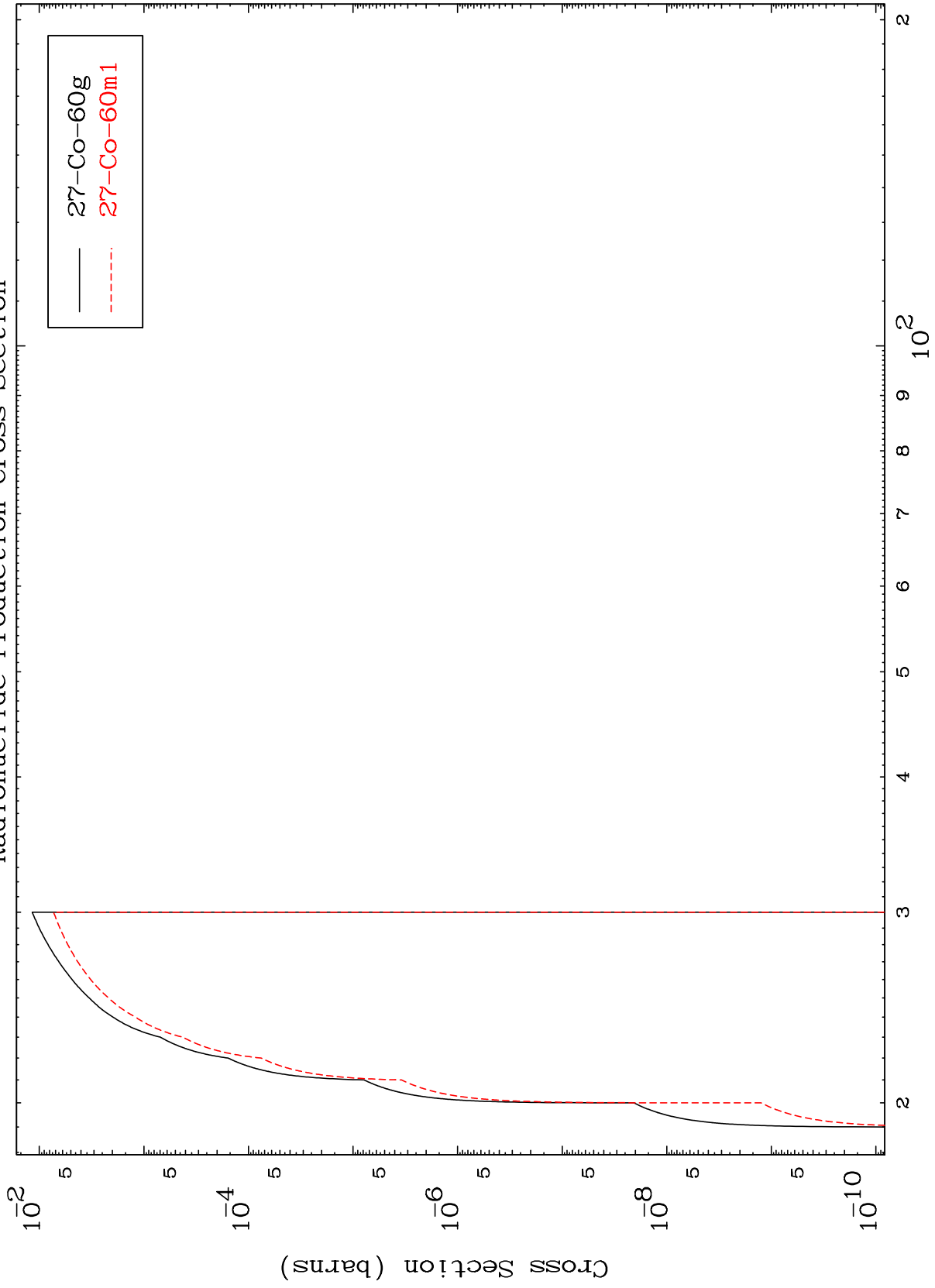
28-Ni-62

MAT 2837

(n,n') d

28-Ni-62

Radionuclide Production Cross Section



109

Incident Energy (MeV)

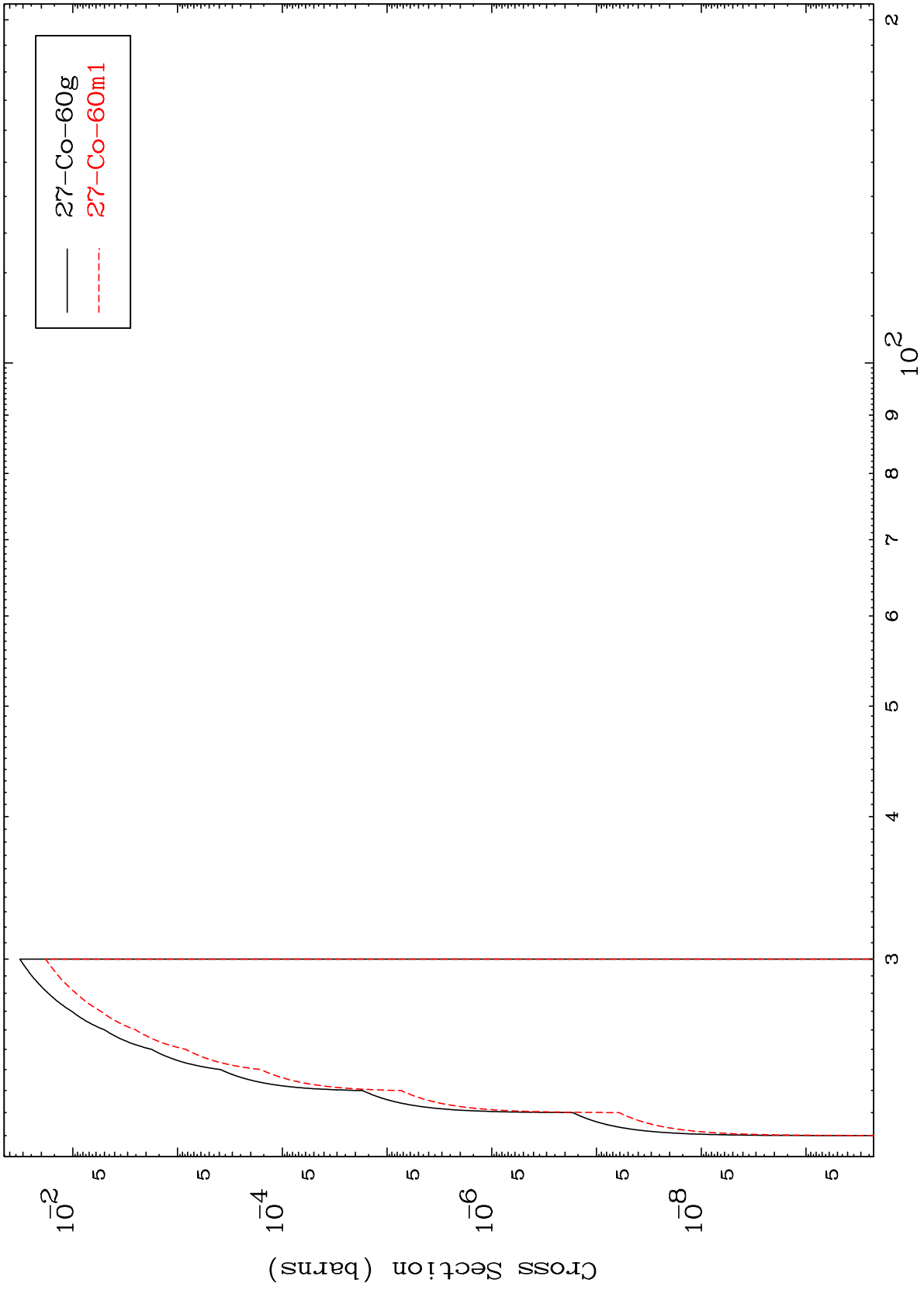
28-Ni-62

MAT 2837

(n,2n) p

28-Ni-62

Radionuclide Production Cross Section



110

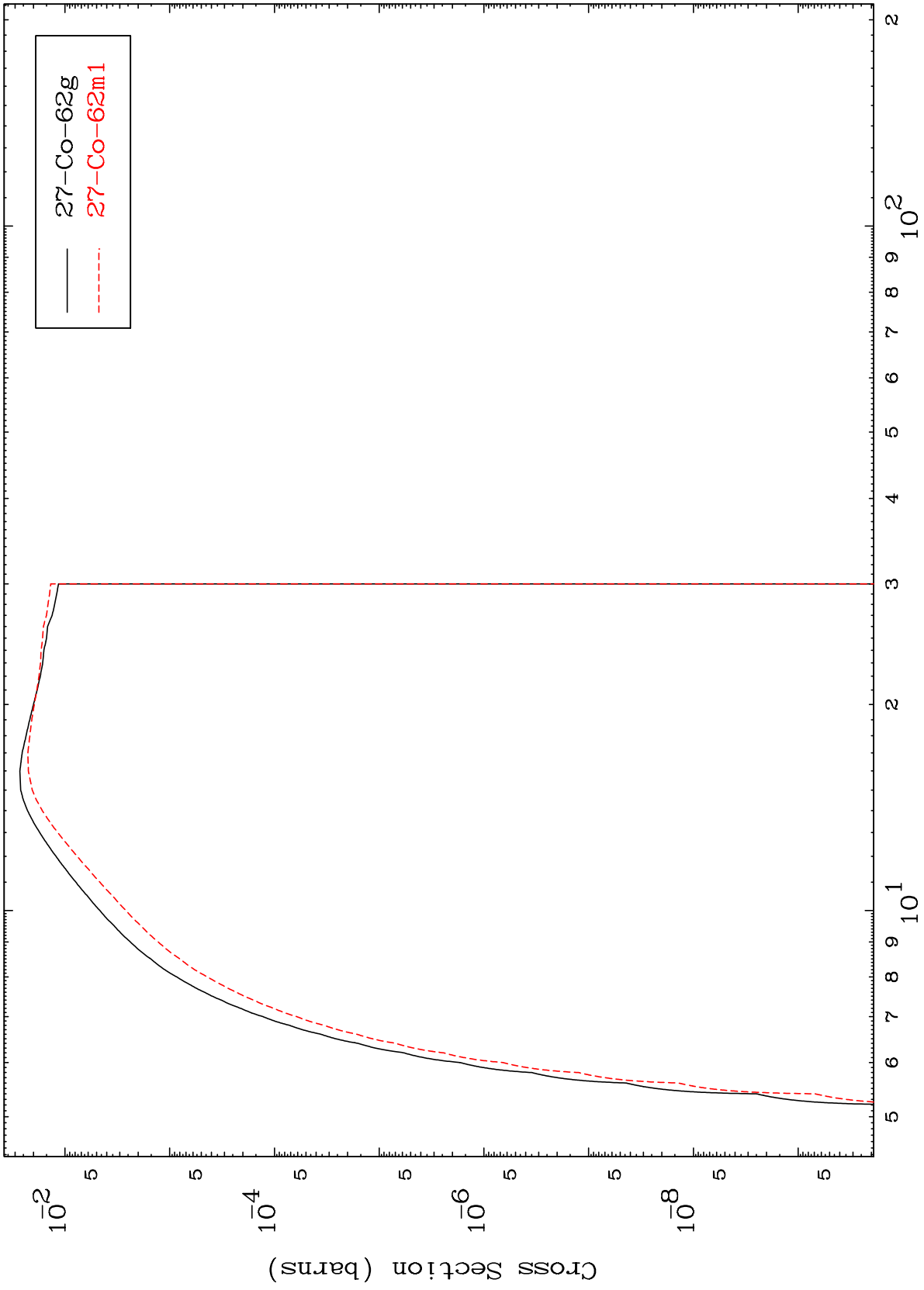
Incident Energy (MeV)

28-Ni-62

MAT 2837

28-Ni-62

(n,p)
Radionuclide Production Cross Section



111

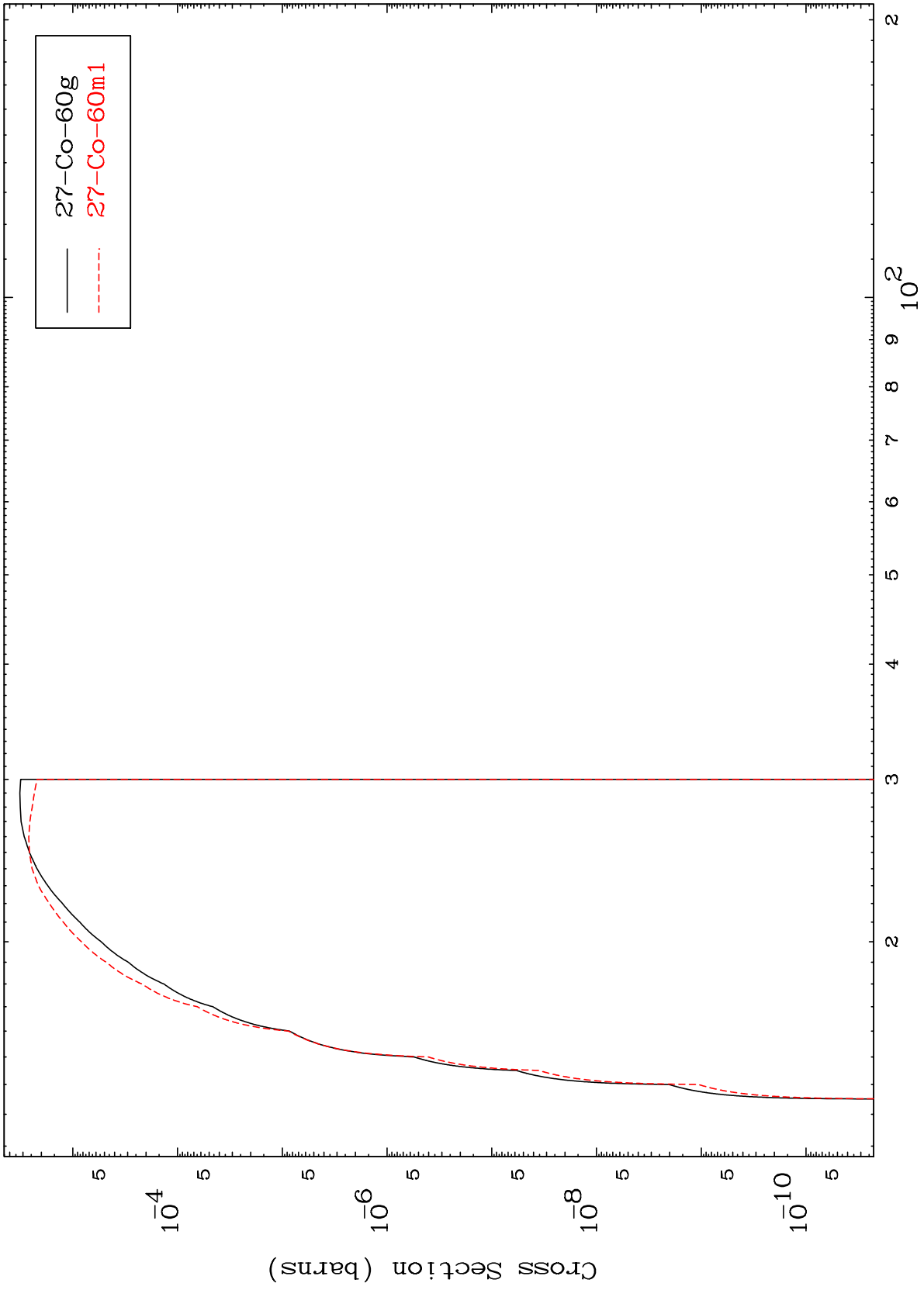
Incident Energy (MeV)

28-Ni-62

MAT 2837

28-Ni-62

(n, t)
Radionuclide Production Cross Section



112

Incident Energy (MeV)

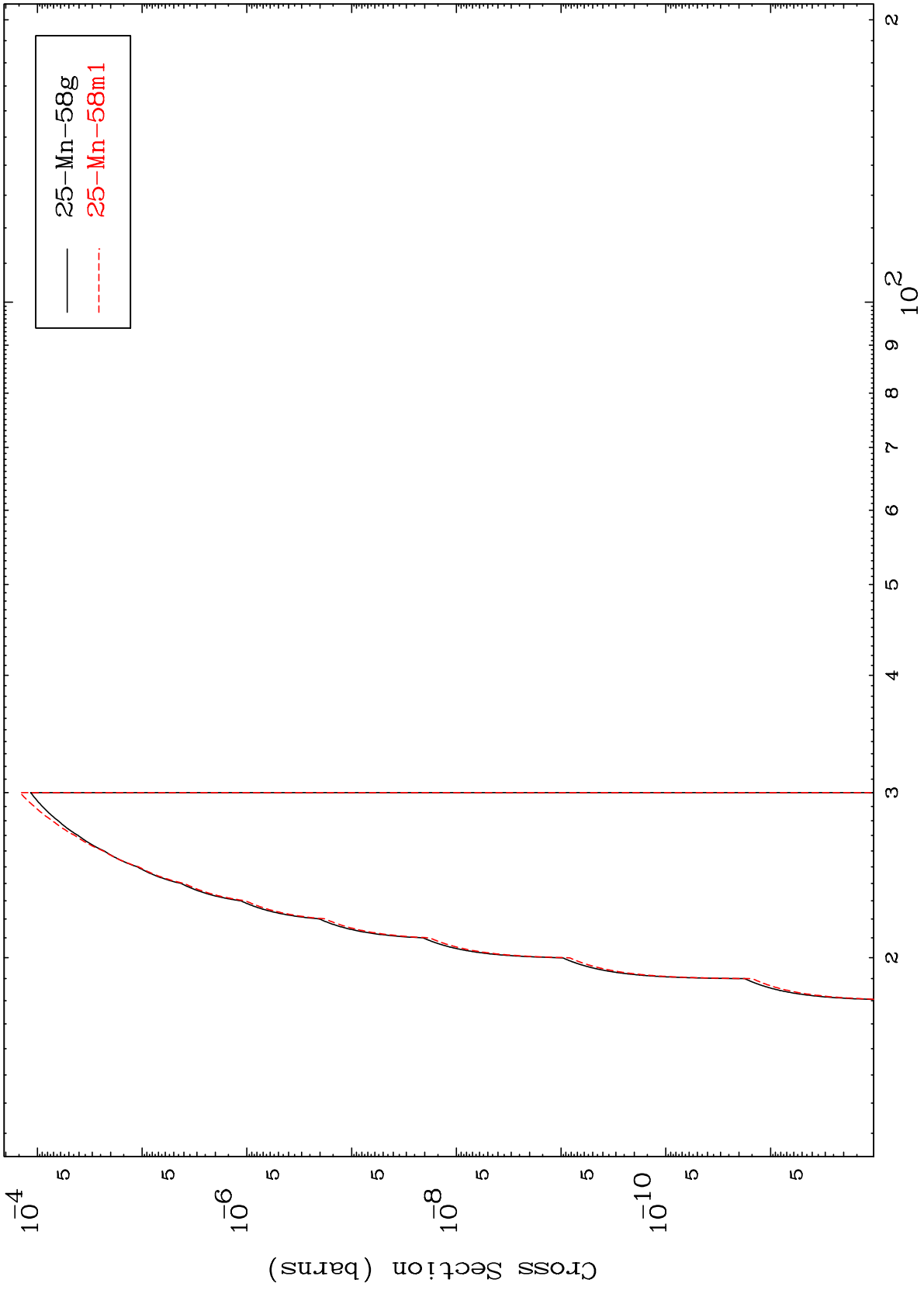
28-Ni-62

MAT 2837

(n,p) α

²⁸Ni-62

Radionuclide Production Cross Section



113

Incident Energy (MeV)

²⁸Ni-62