

Program EVALPLOT
(Version 2018-1)

by

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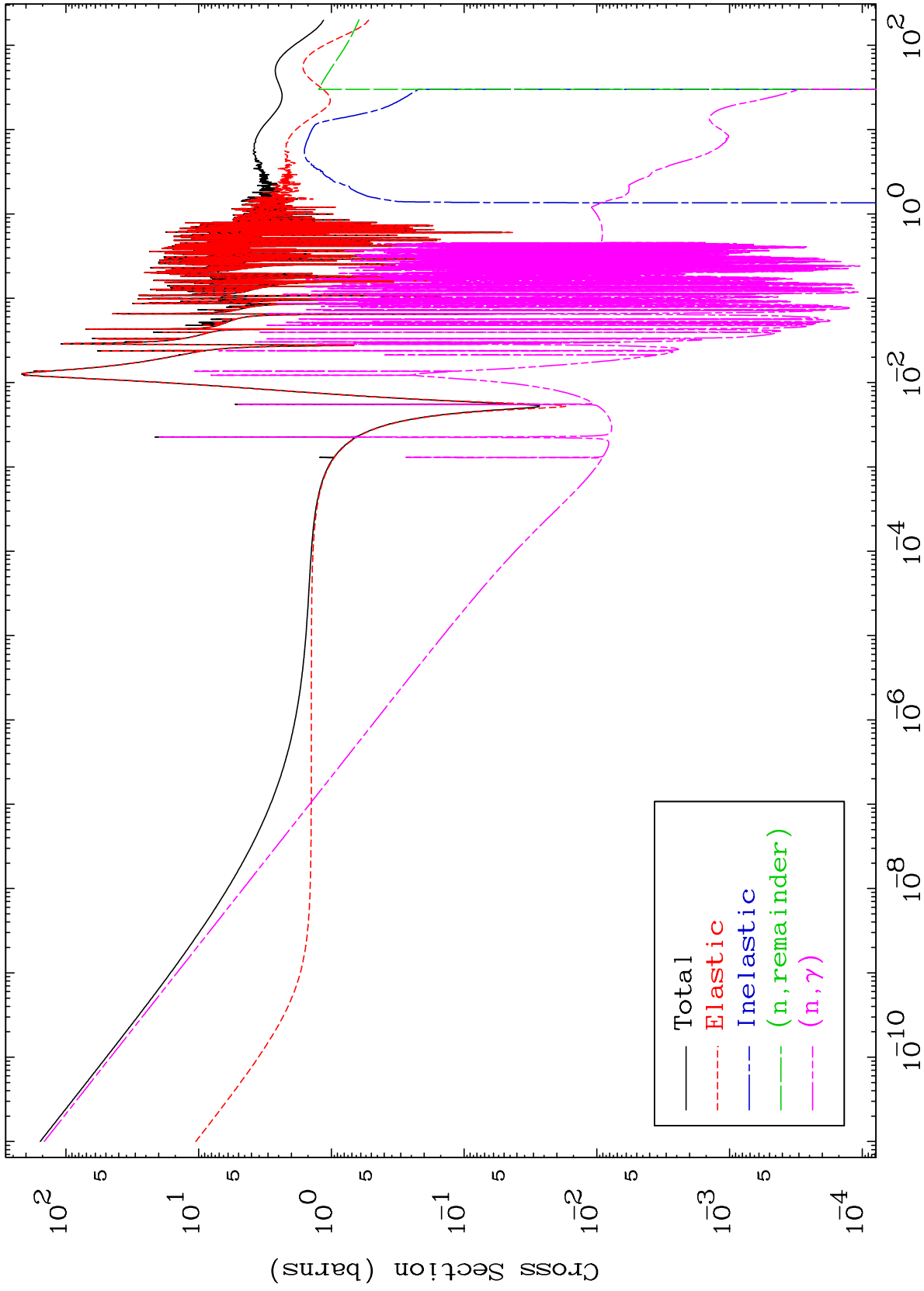
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2831

Major
293 Kelvin Cross Sections

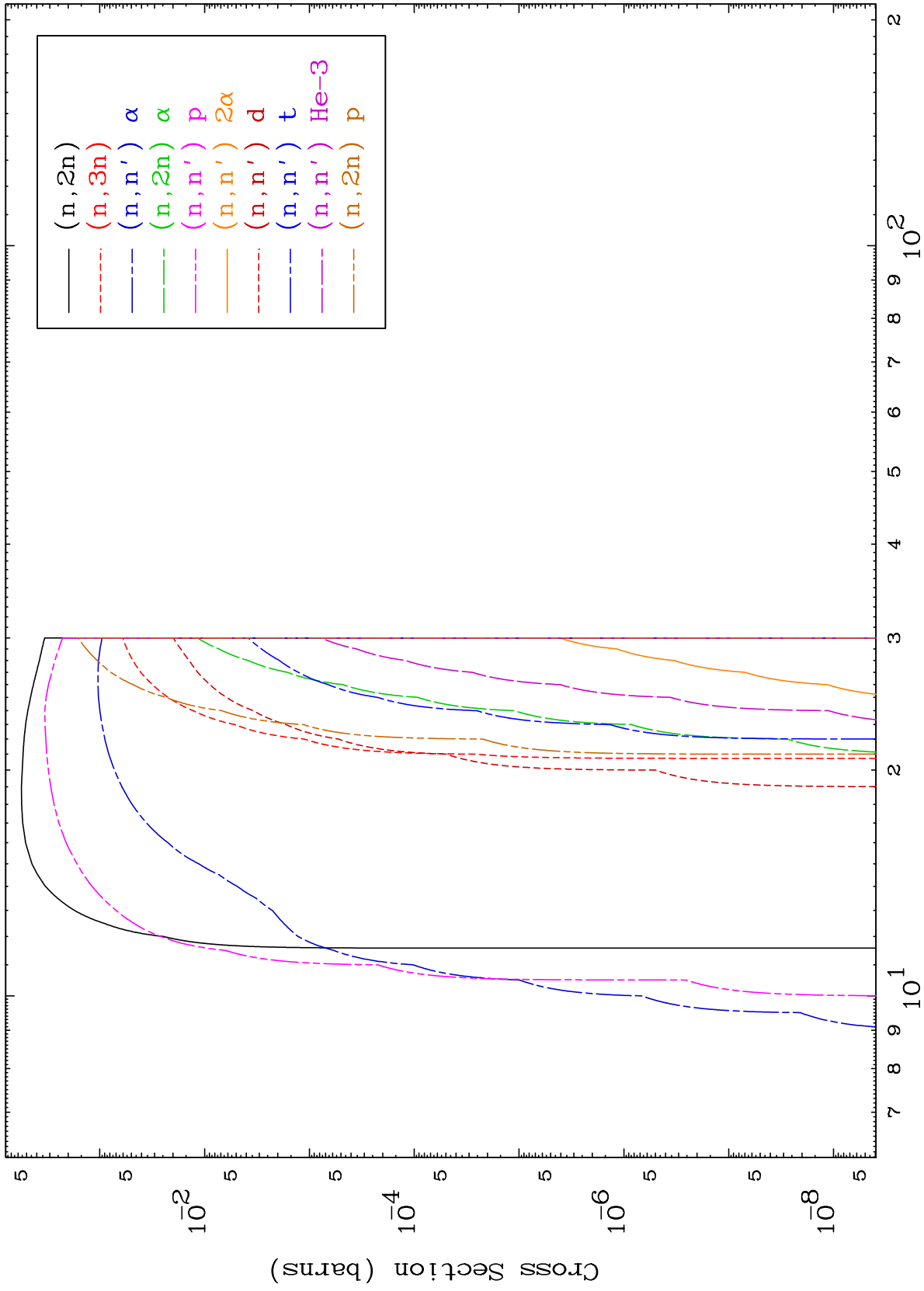
28-Ni-60



MAT 2831

Neutron Production
293 Kelvin Cross Sections

28-Ni-60



2

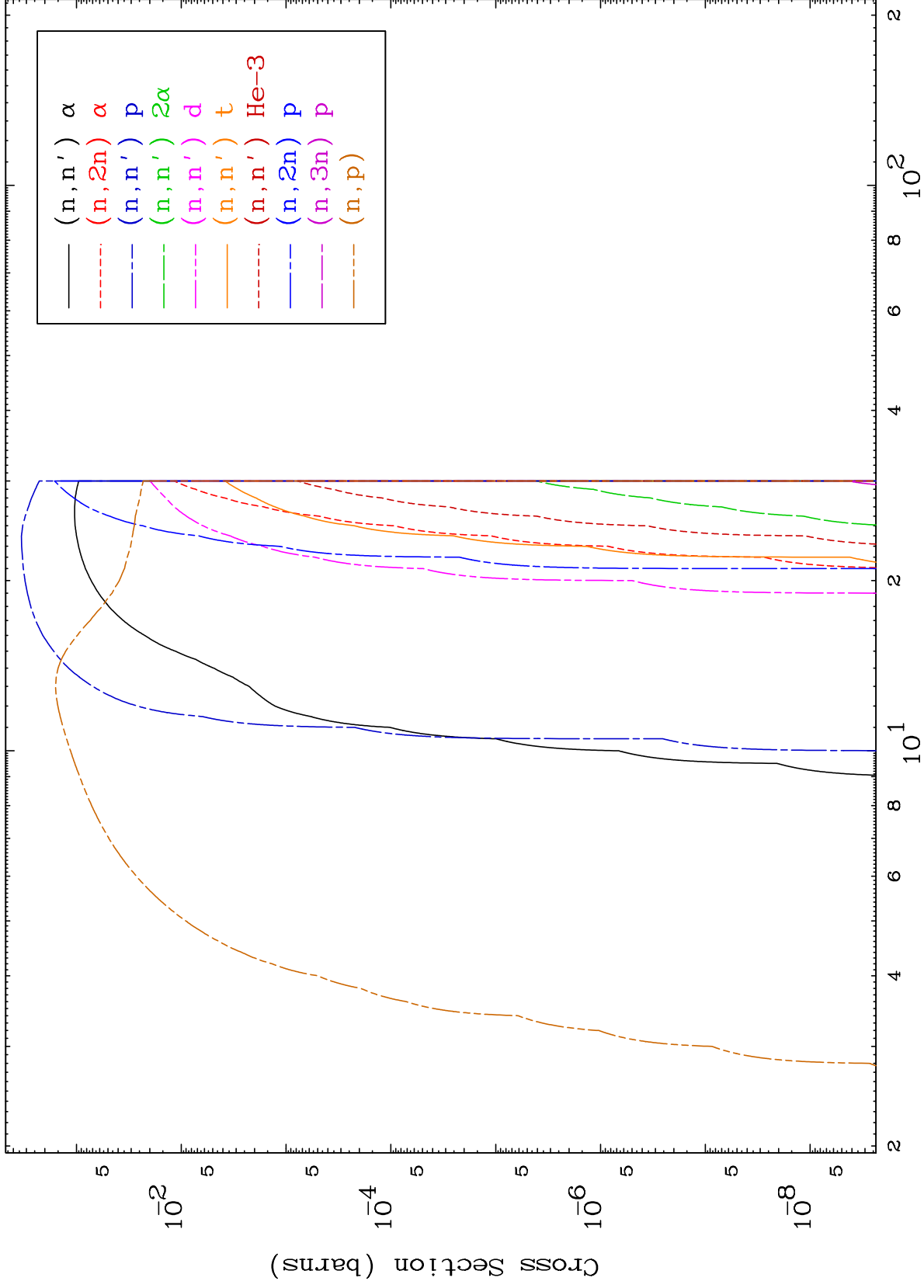
Incident Energy (MeV)

28-Ni-60

MAT 2831

Charged Particle
293 Kelvin Cross Sections

28-Ni-60



3

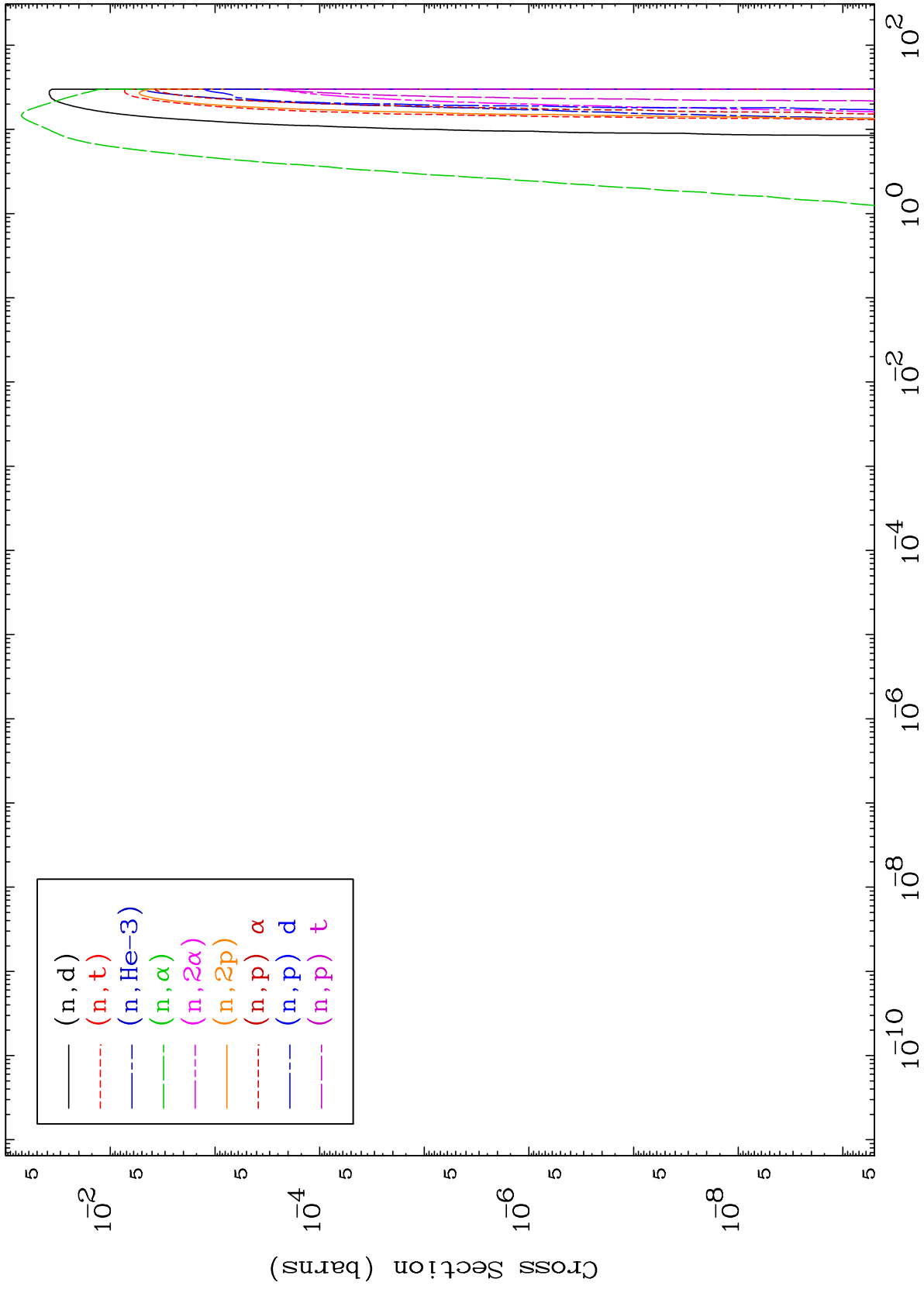
Incident Energy (MeV)

28-Ni-60

MAT 2831

Charged Particle
293 Kelvin Cross Sections

28-Ni-60

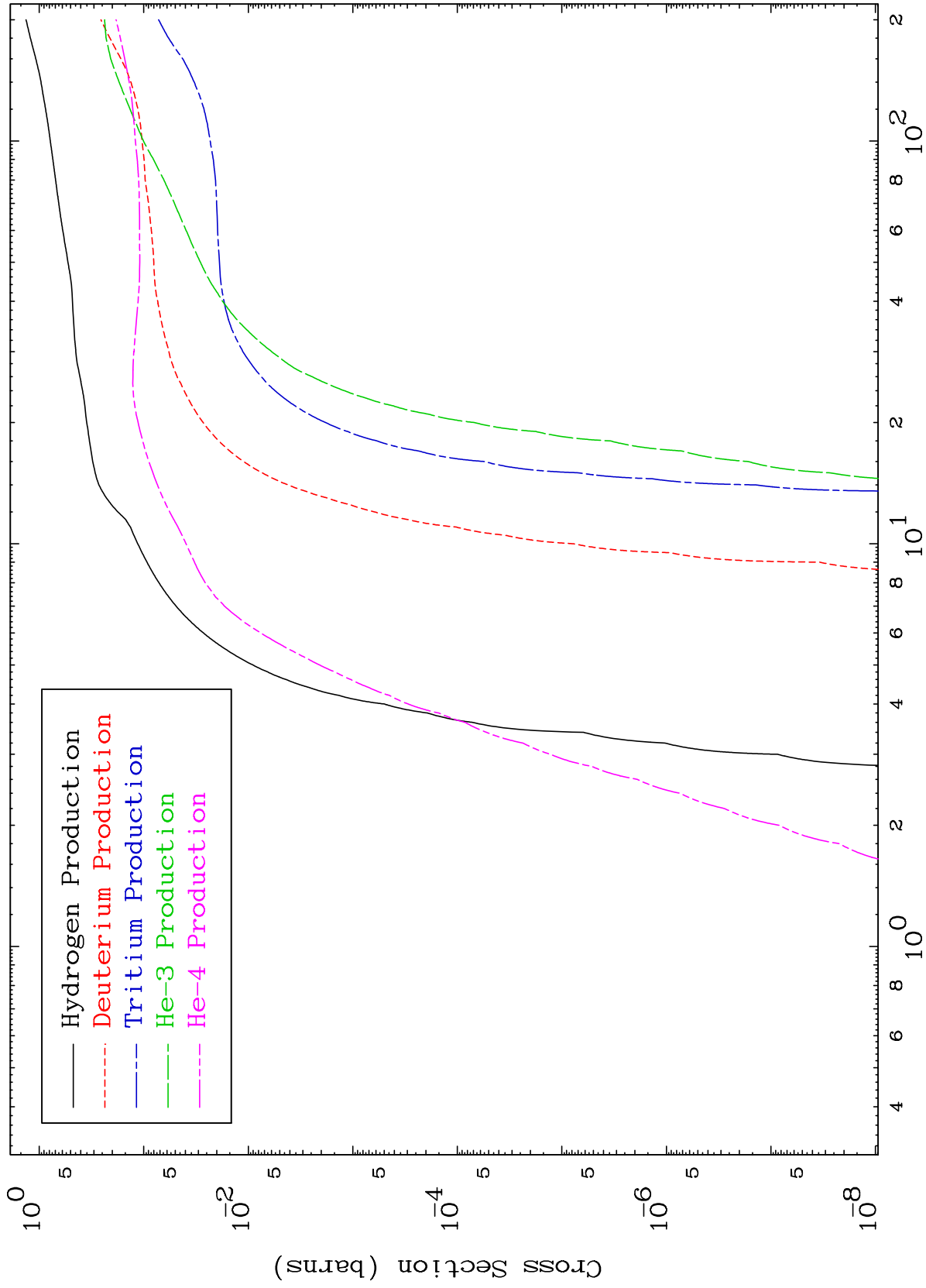


28-Ni-60

MAT 2831

Particle Production
293 Kelvin Cross Sections

28-Ni-60



5

Incident Energy (MeV)

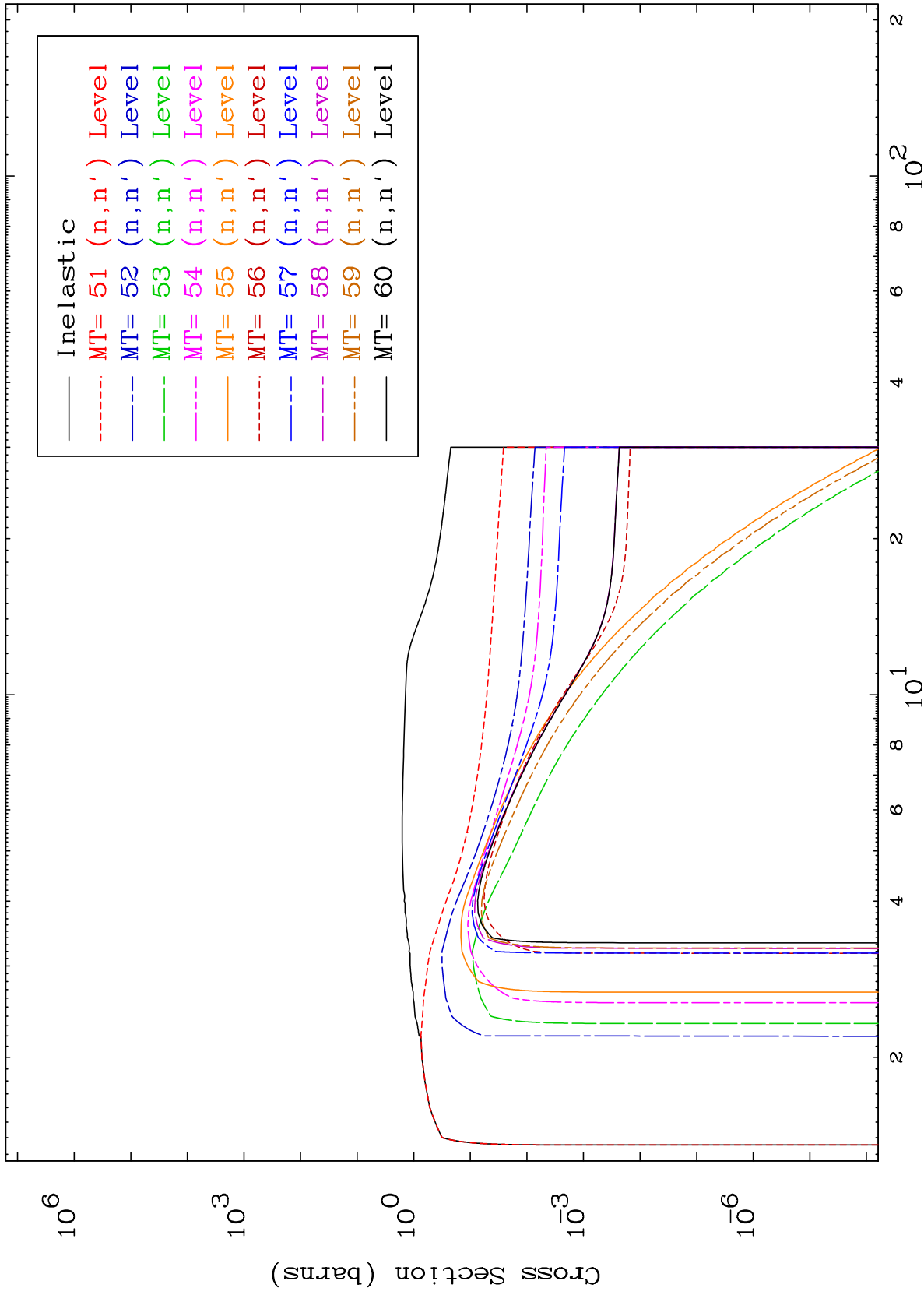
28-Ni-60

MAT 2831

(n,n') Level

28-Ni-60

293 Kelvin Cross Sections



6

Incident Energy (MeV)

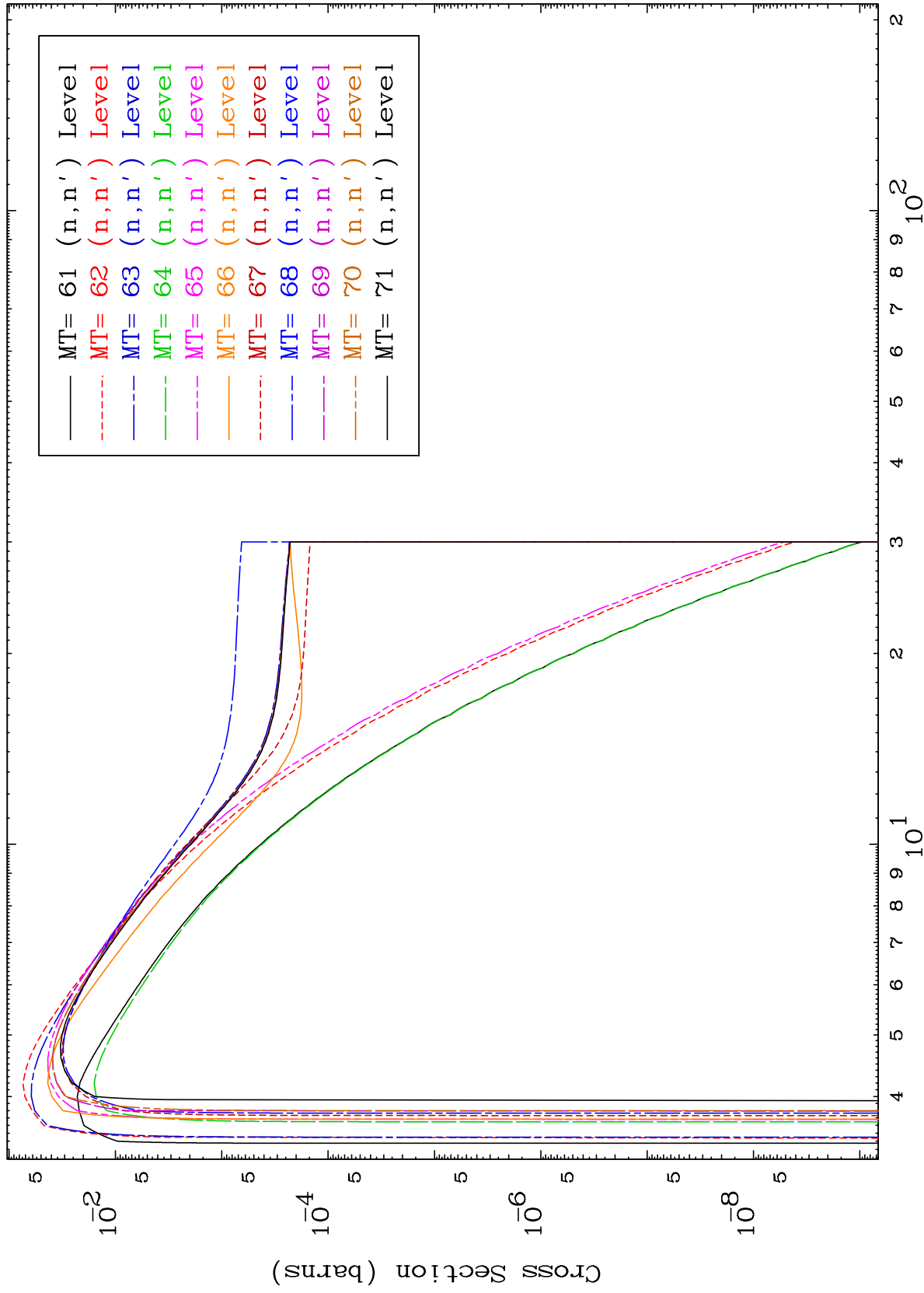
28-Ni-60

MAT 2831

(n,n') Level

28-Ni-60

293 Kelvin Cross Sections



7

Incident Energy (MeV)

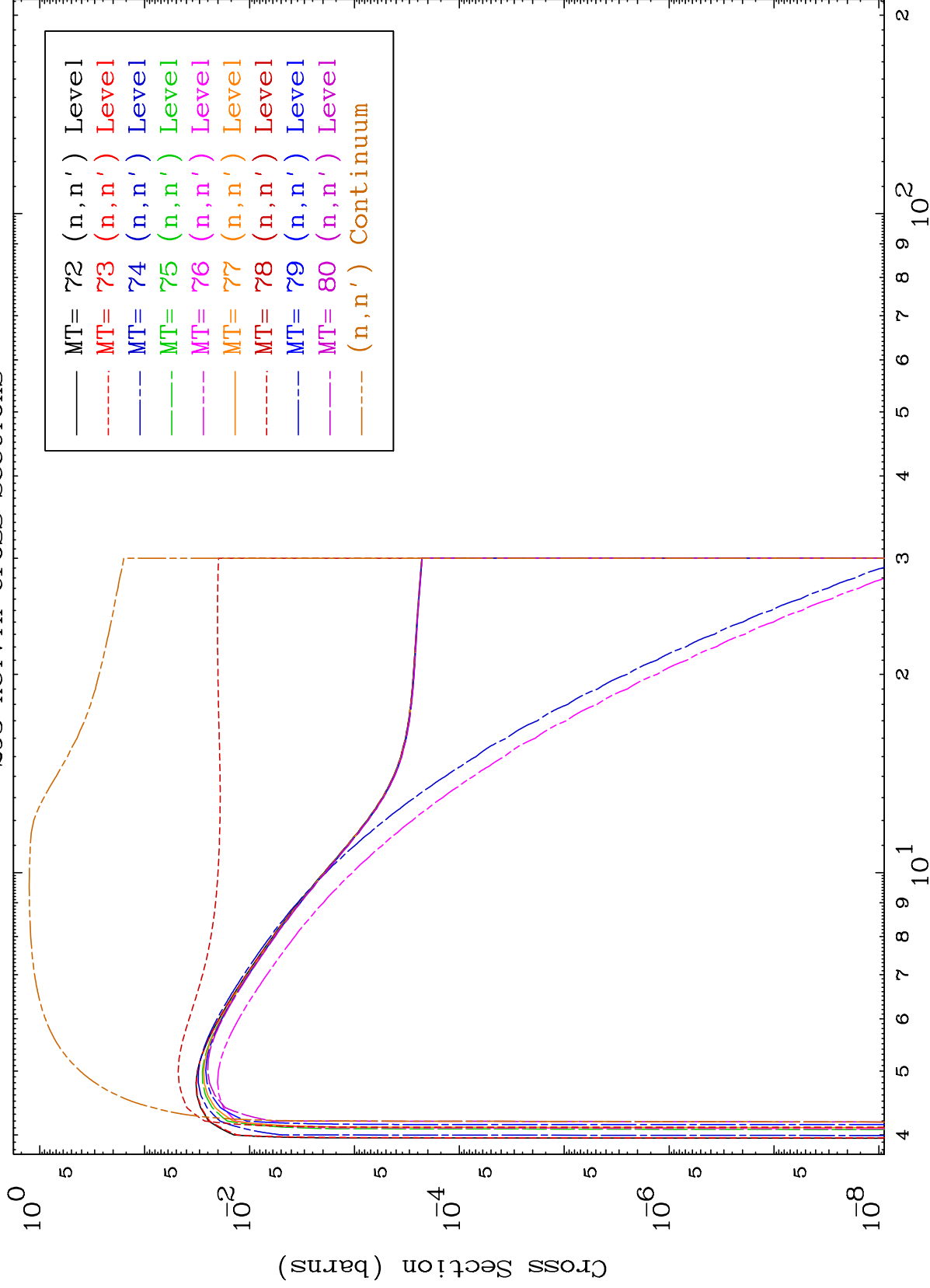
28-Ni-60

MAT 2831

(n,n') Level

28-Ni-60

293 Kelvin Cross Sections



8

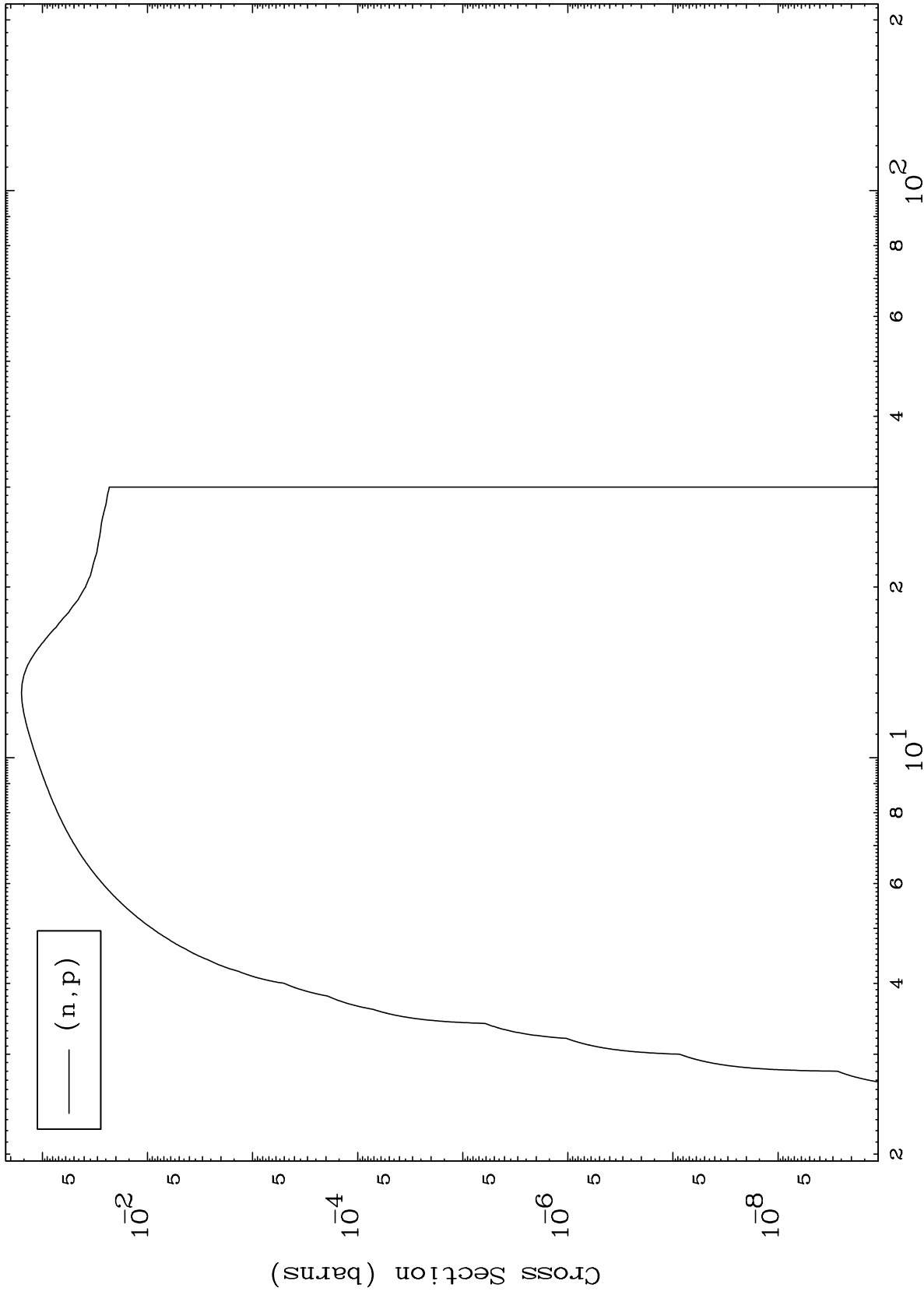
Incident Energy (MeV)

28-Ni-60

MAT 2831

(n,p) Levels
293 Kelvin Cross Sections

28-Ni-60



9

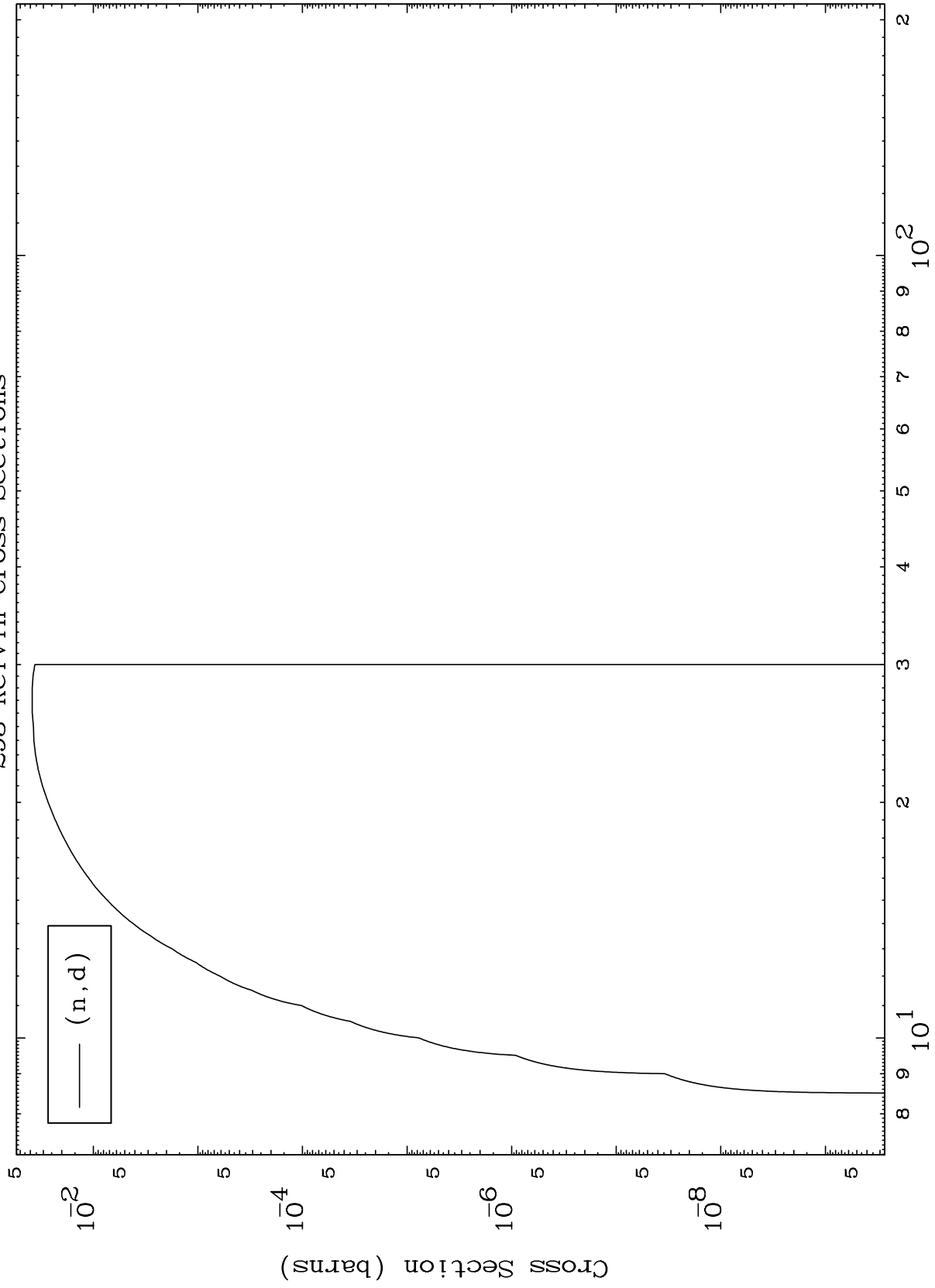
Incident Energy (MeV)

28-Ni-60

MAT 2831

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-60



10

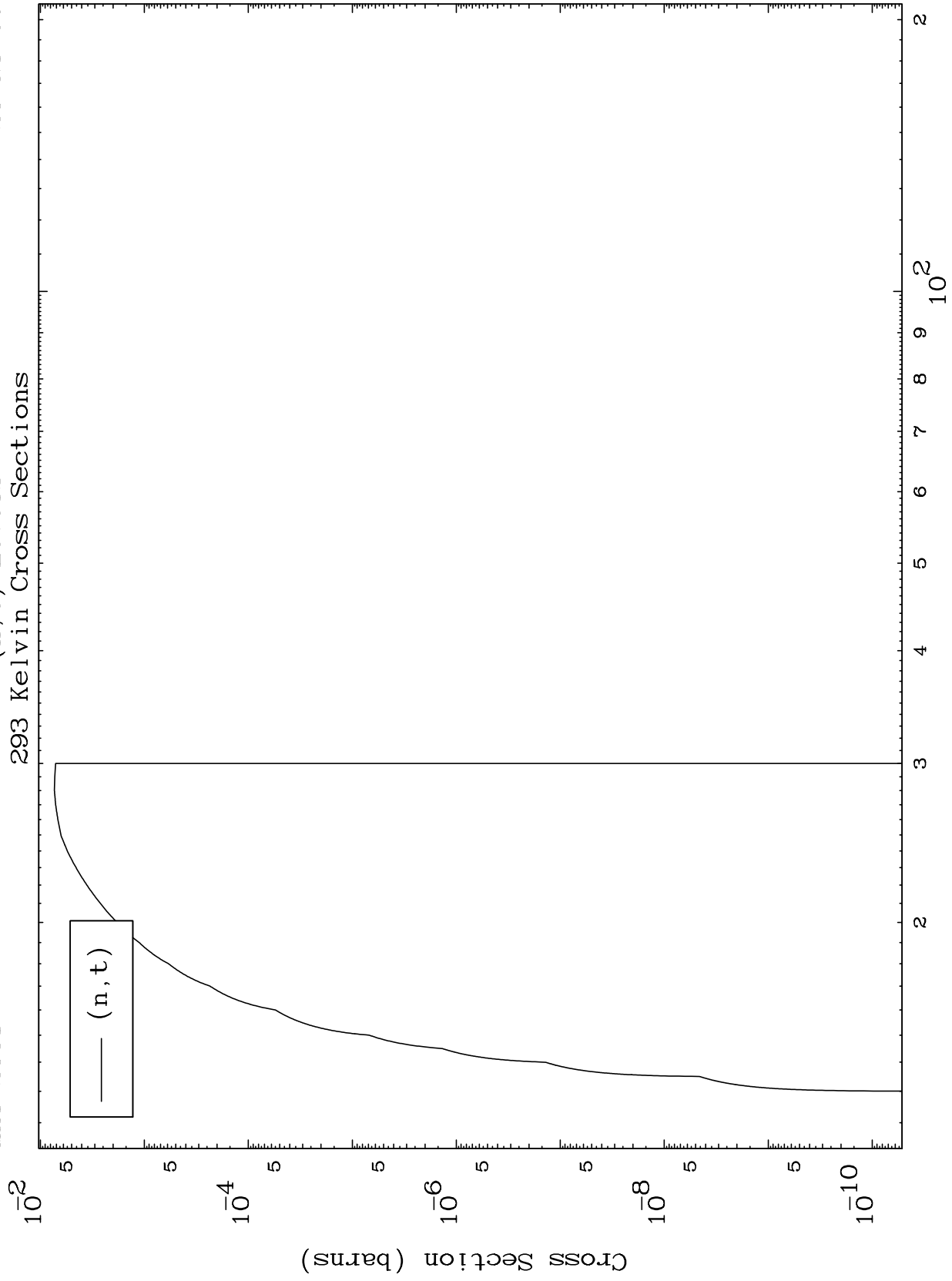
Incident Energy (MeV)

28-Ni-60

MAT 2831

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-60



11

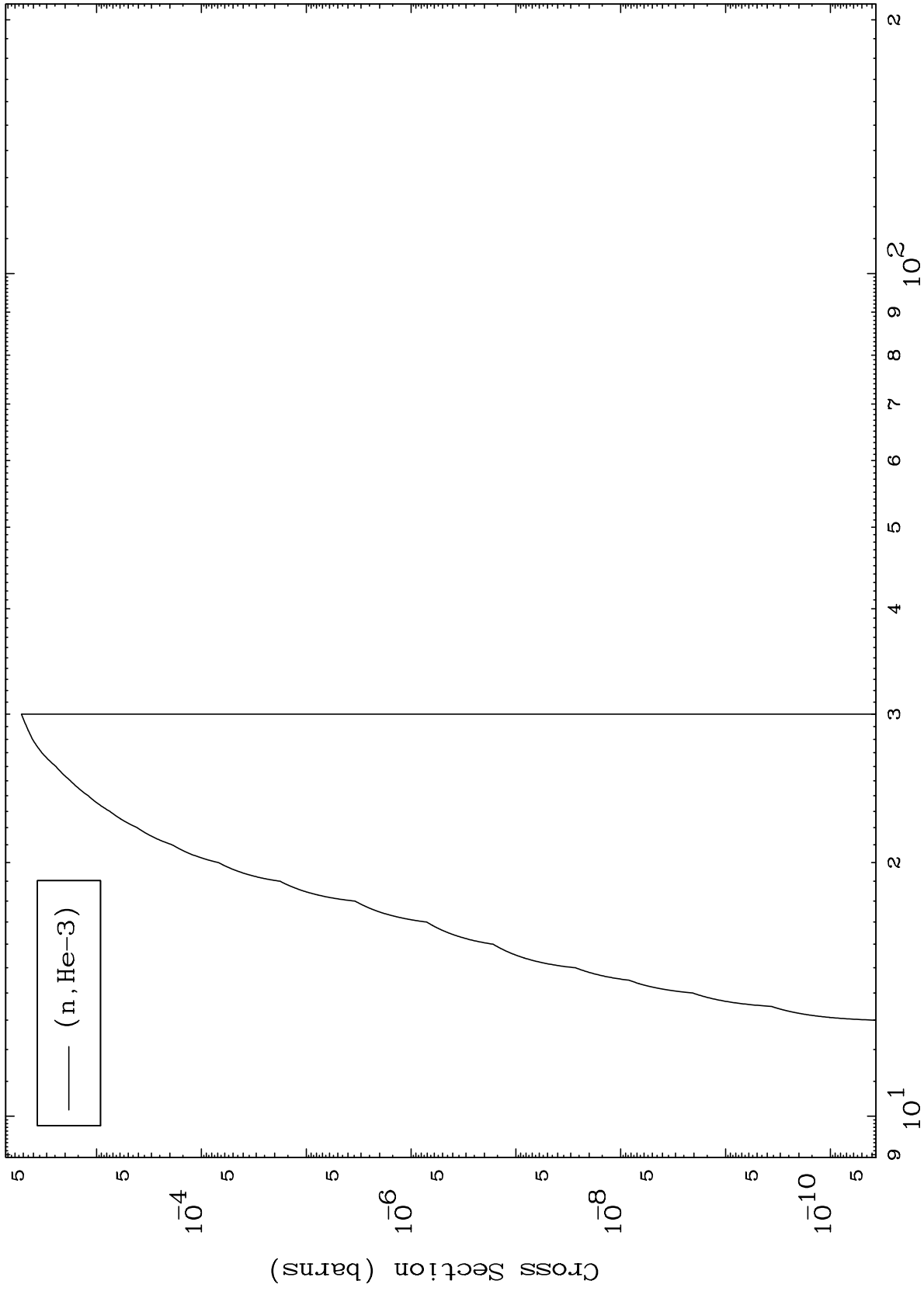
Incident Energy (MeV)

28-Ni-60

MAT 2831

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-60



12

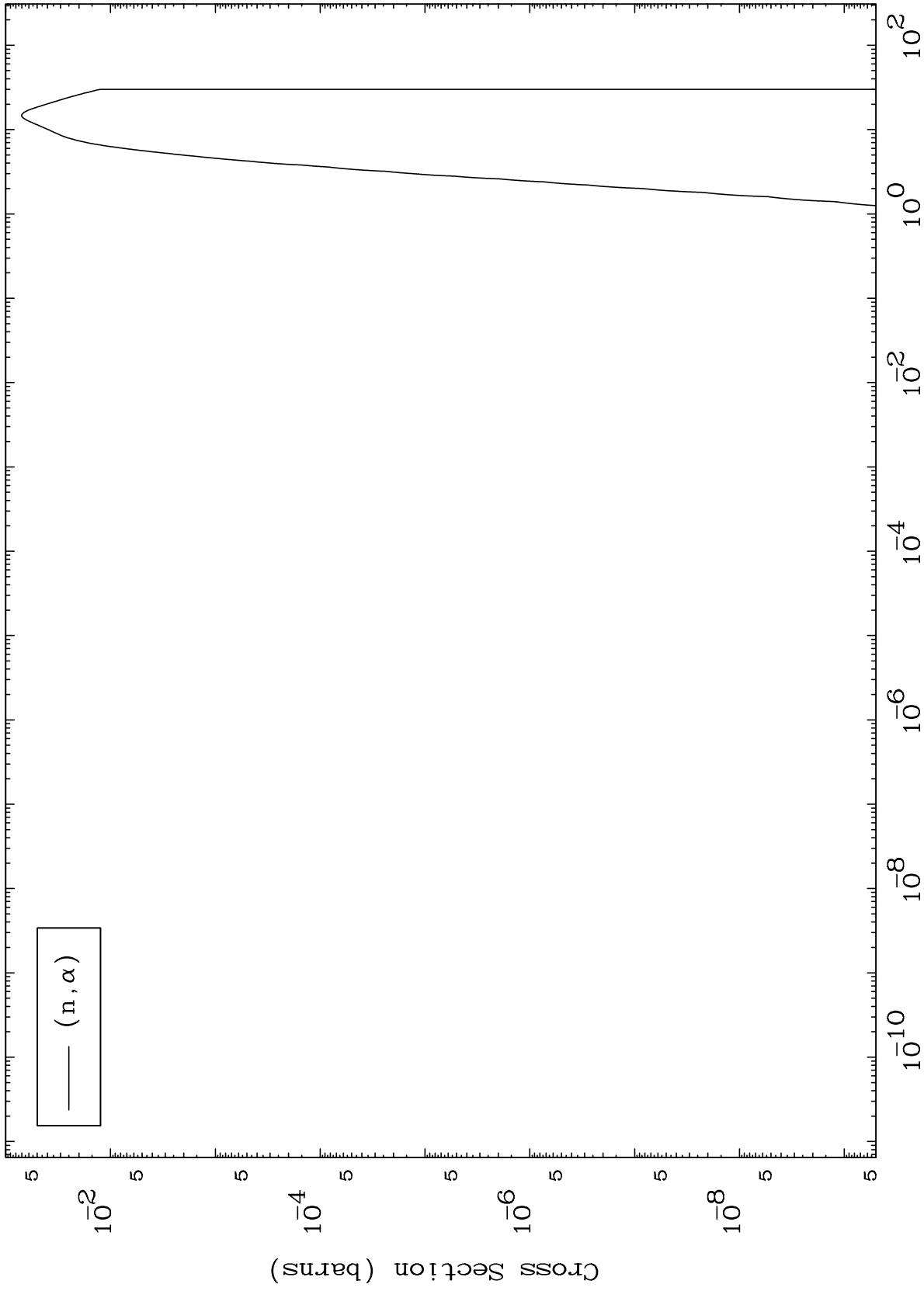
Incident Energy (MeV)

28-Ni-60

MAT 2831

(n,α) Levels
293 Kelvin Cross Sections

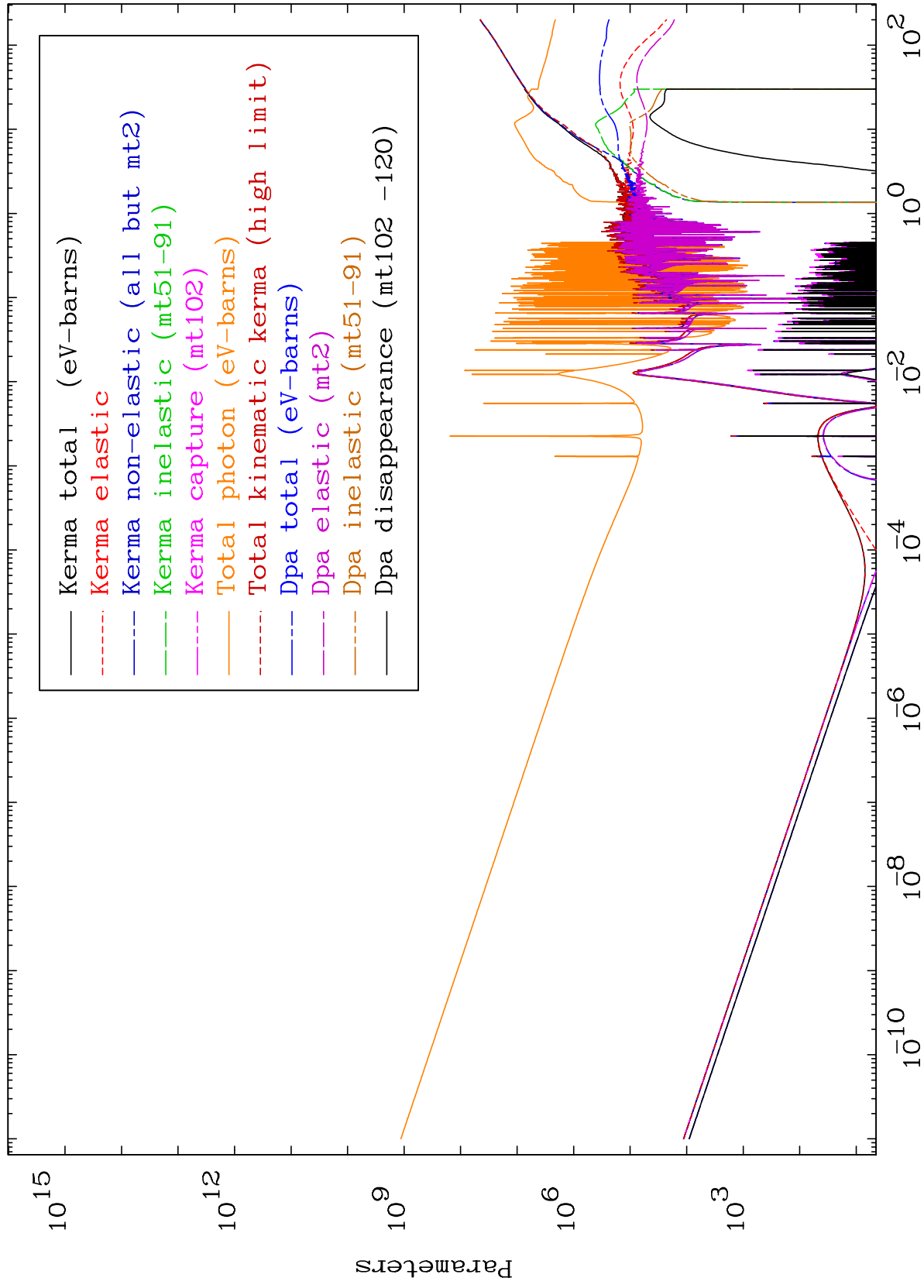
28-Ni-60



13

Incident Energy (MeV)

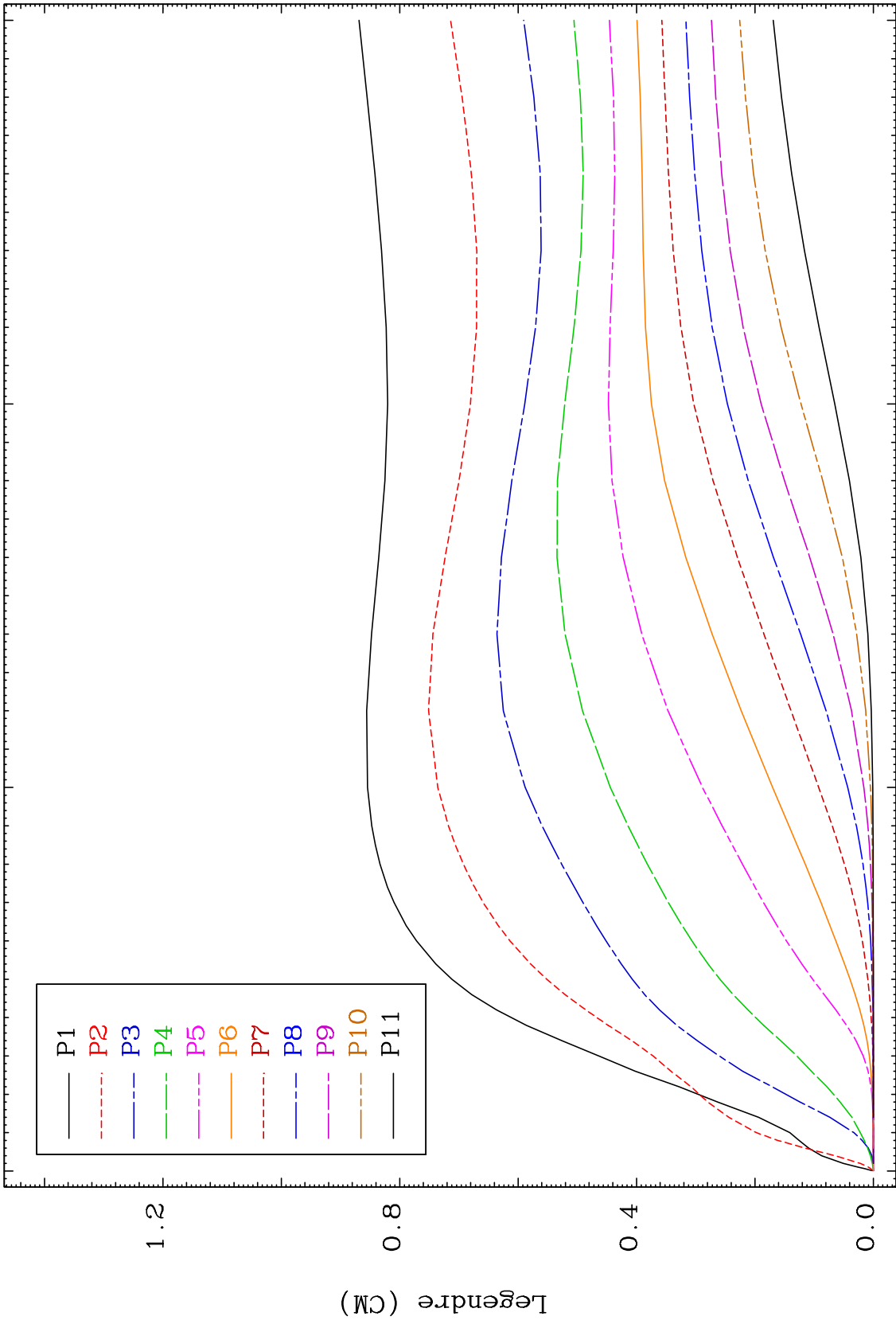
28-Ni-60



MAT 2831

Elastic Legendre Coefficients

²⁸Ni-60



15

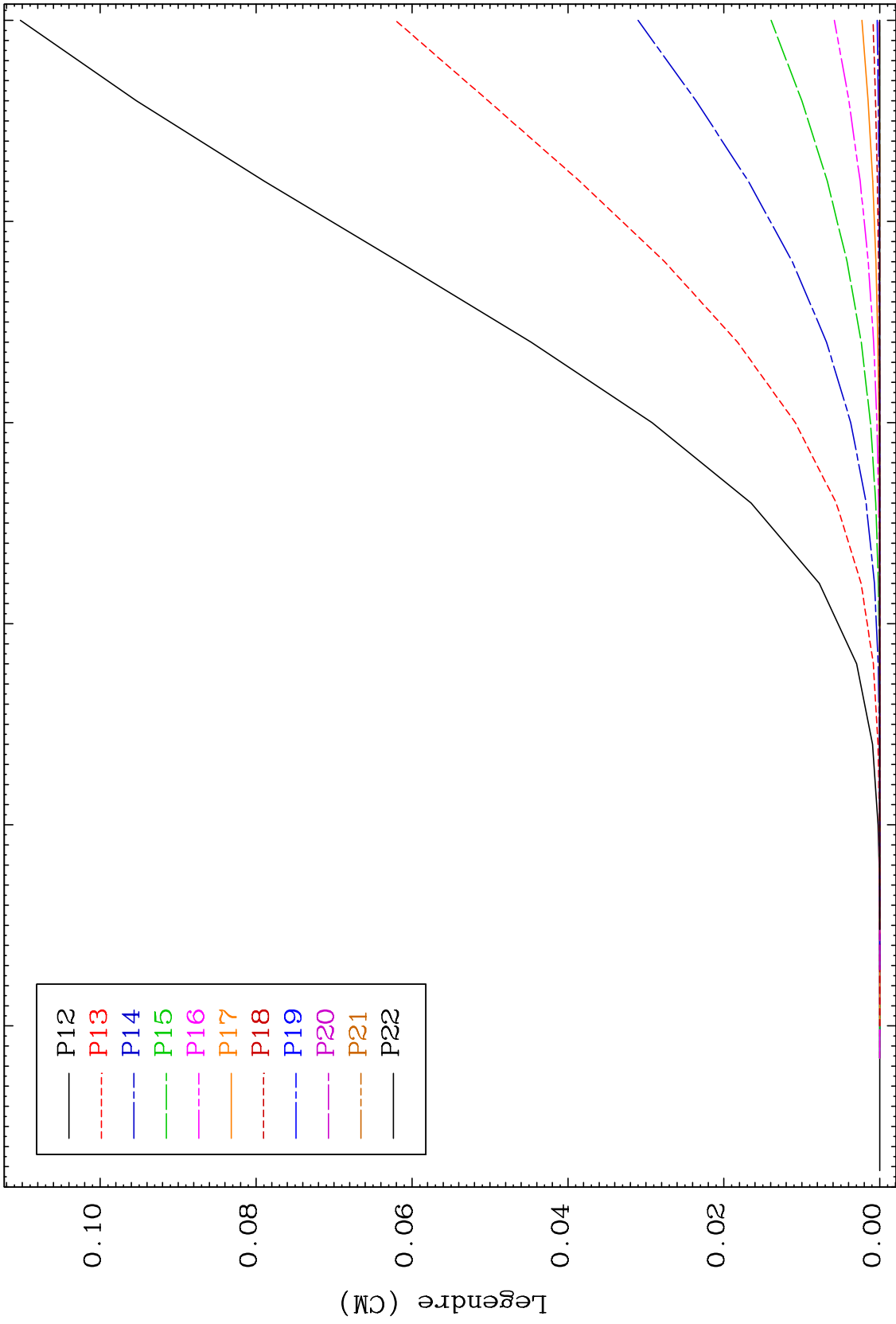
Incident Energy (MeV)

²⁸Ni-60

MAT 2831

Elastic
Legendre Coefficients

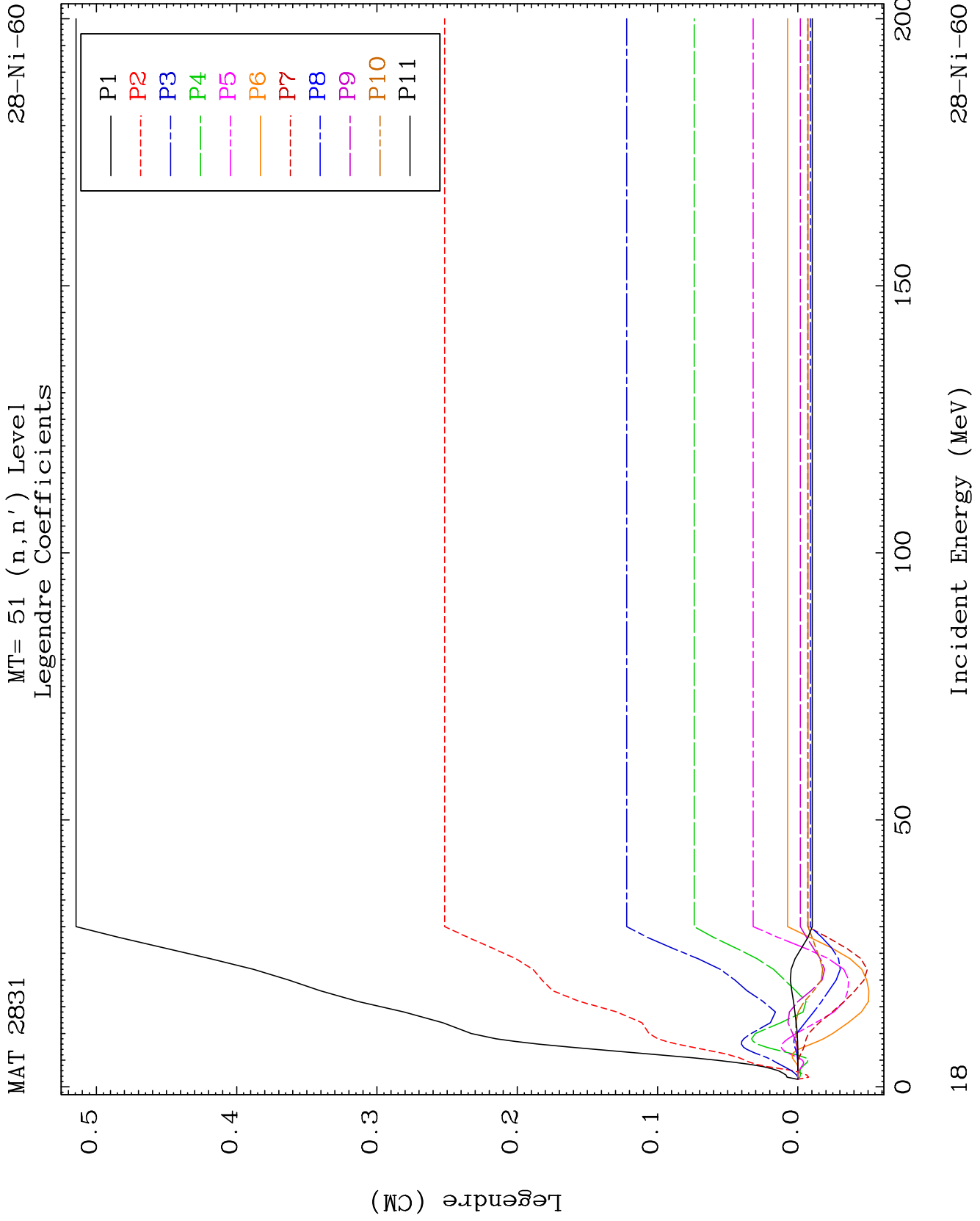
28-Ni-60



16

Incident Energy (MeV)

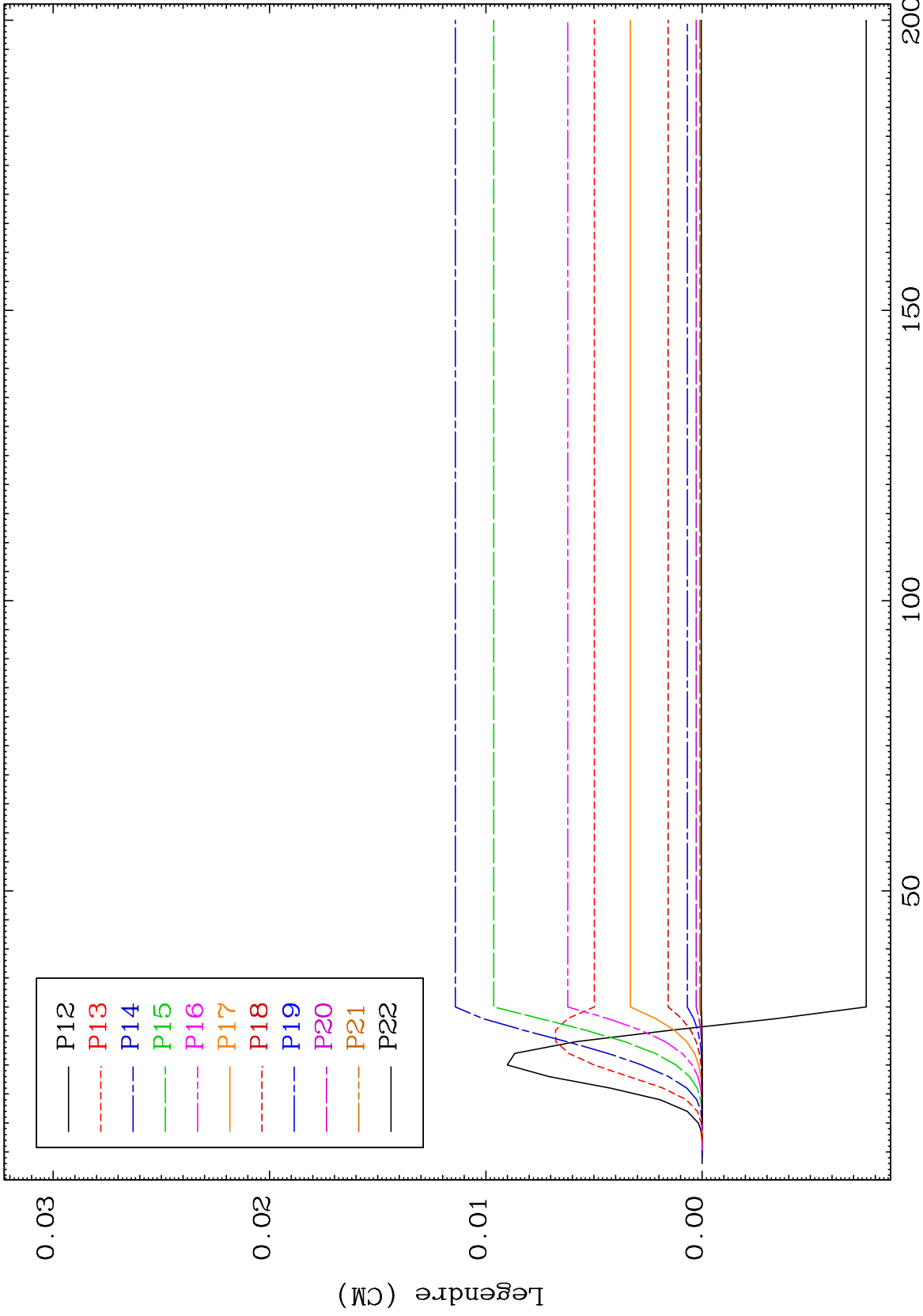
28-Ni-60



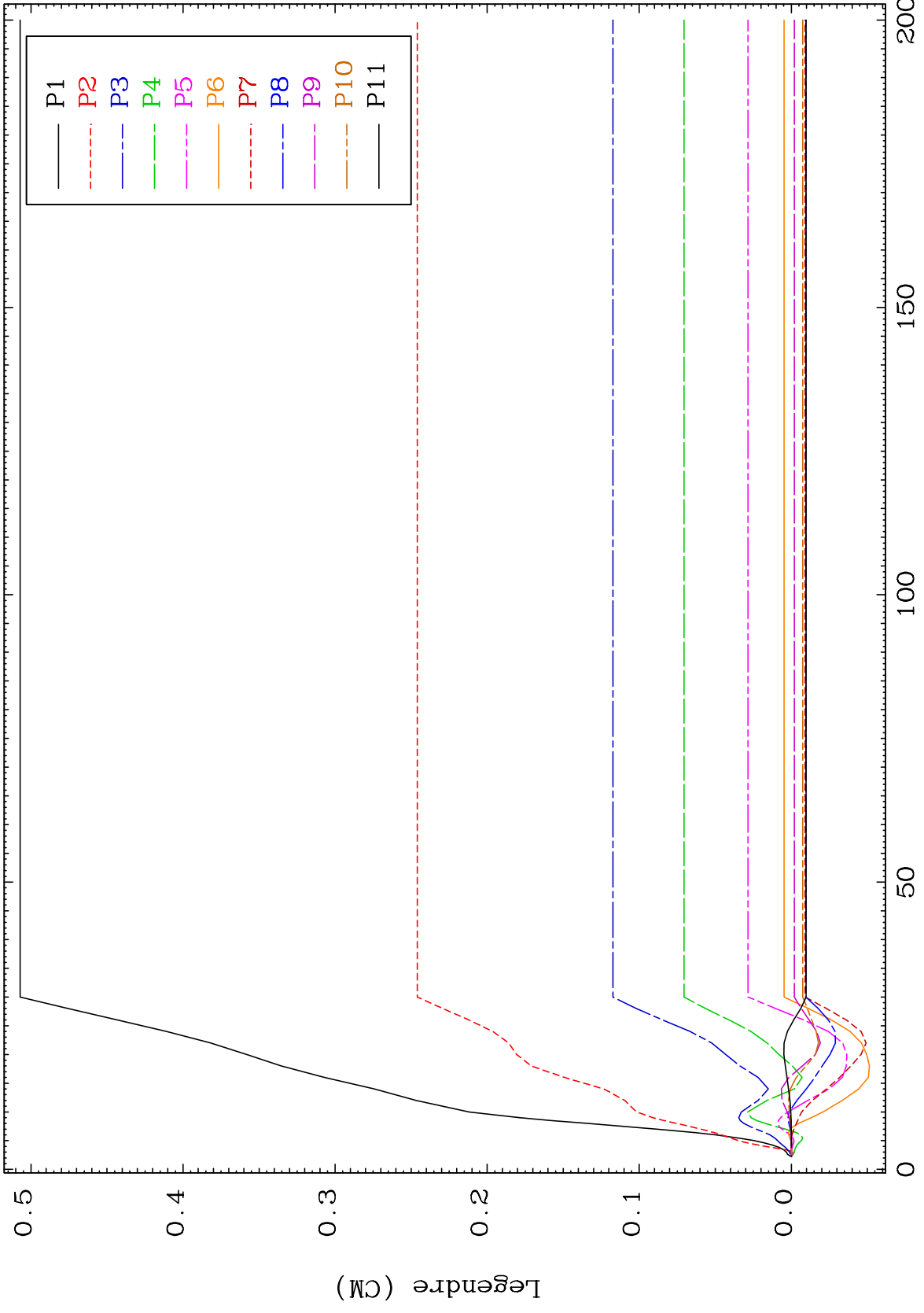
MAT 2831

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

28-Ni-60

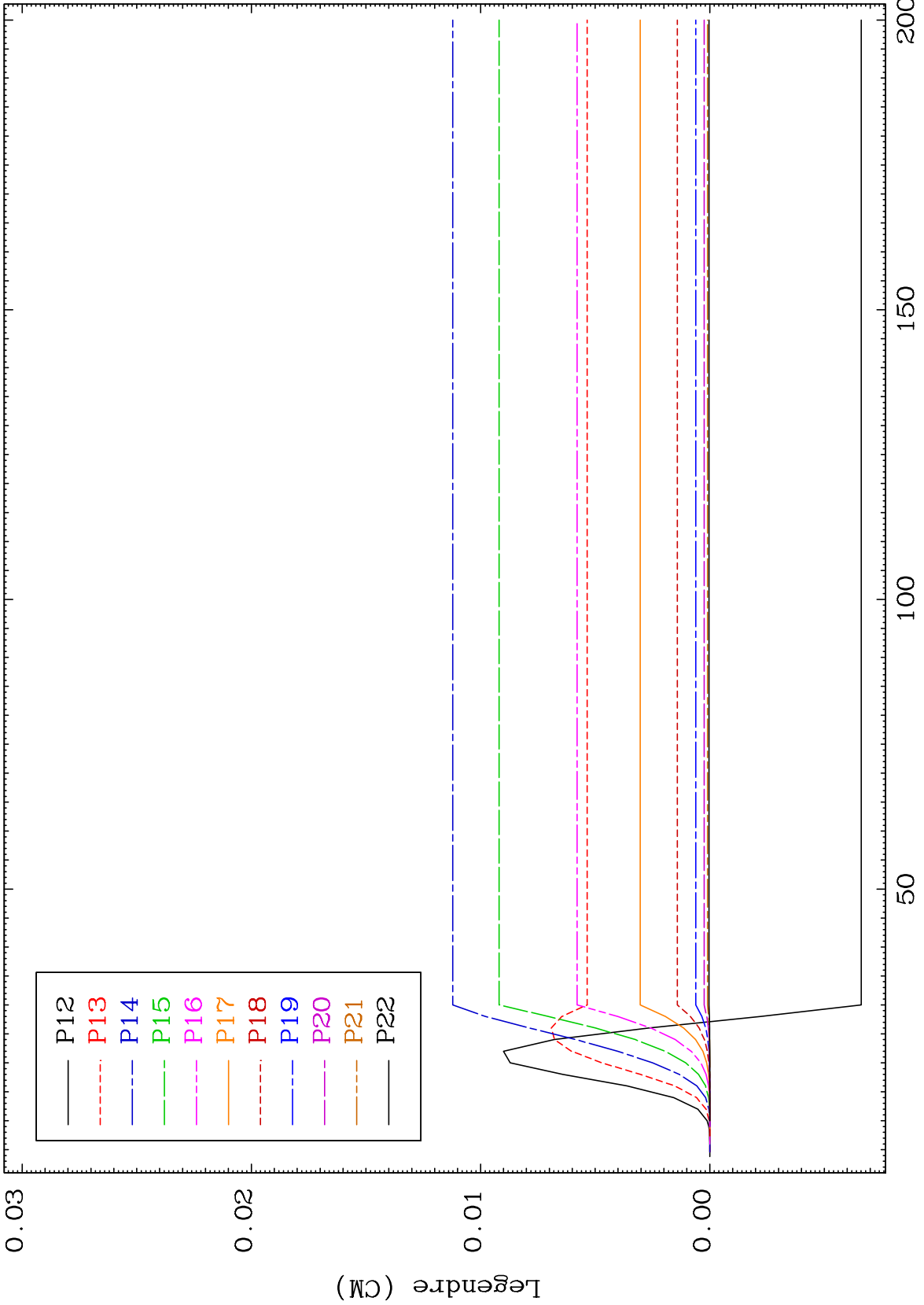


MAT 2831 MT= 52 (n,n') Level Legendre Coefficients 28-Ni-60



21 28-Ni-60

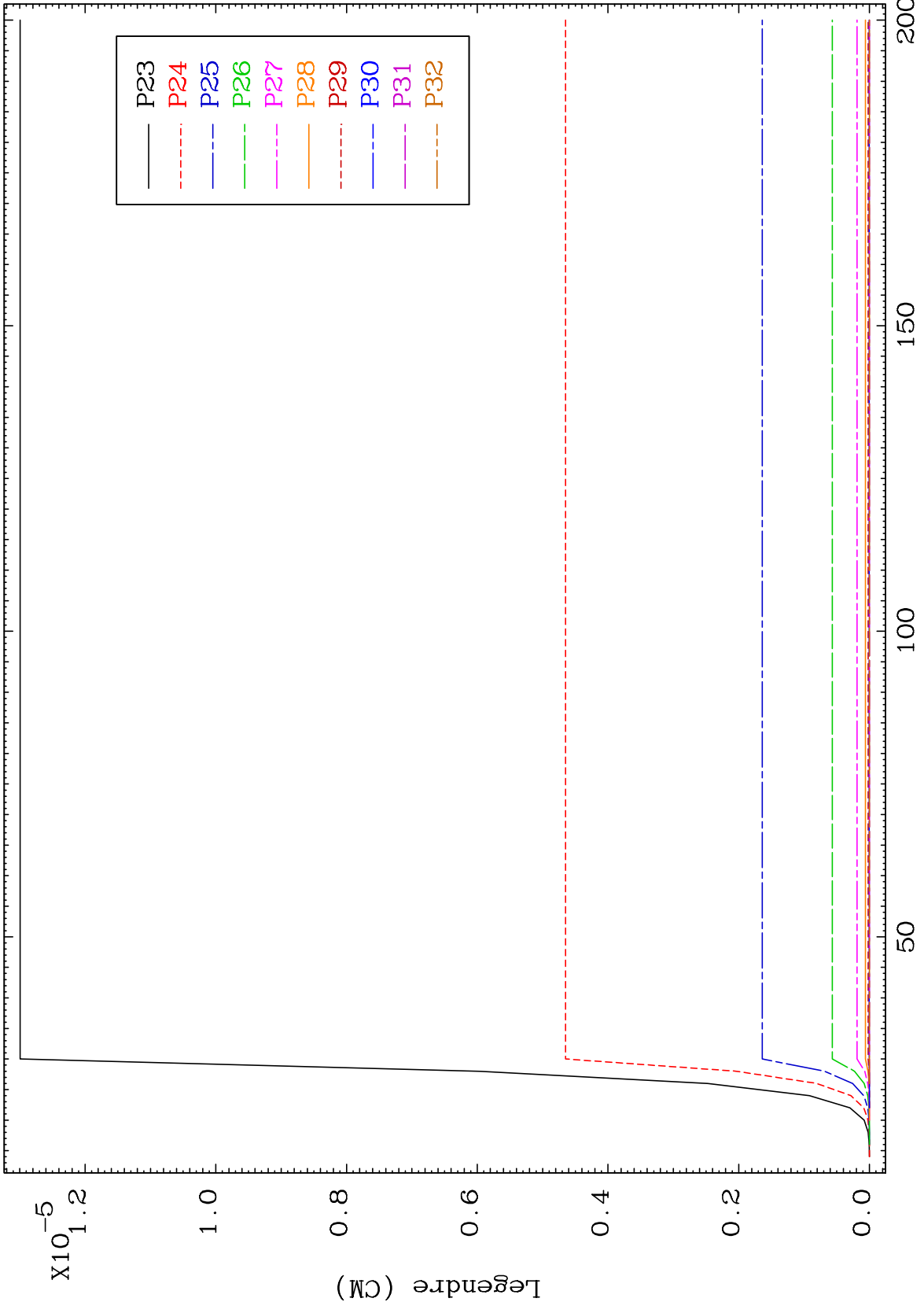
MAT 2831 MT= 52 (n,n') Level Legendre Coefficients 28-Ni-60



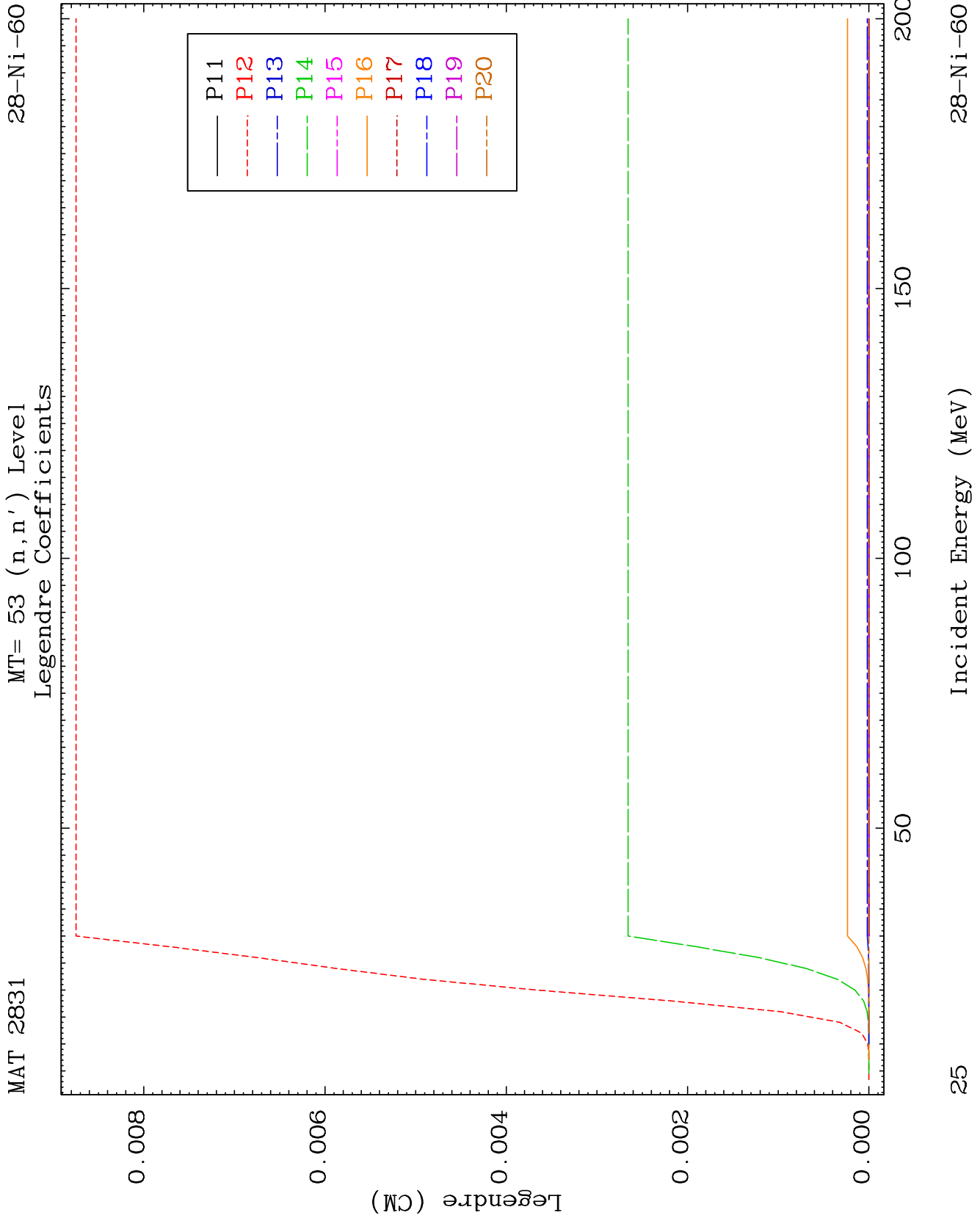
28-Ni-60

Incident Energy (MeV)

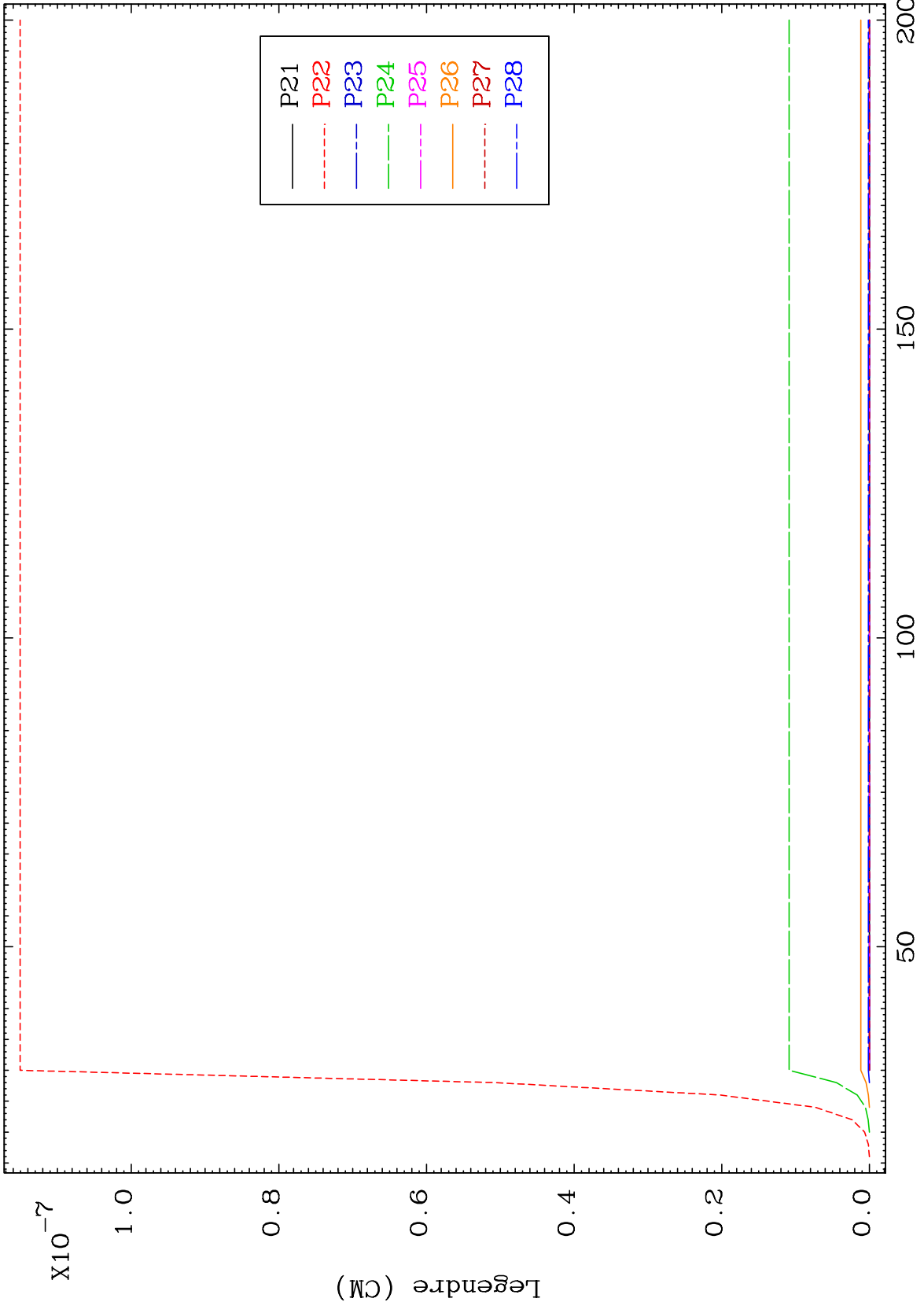
MAT 2831 MT= 52 (n,n') Level Legendre Coefficients 28-Ni-60



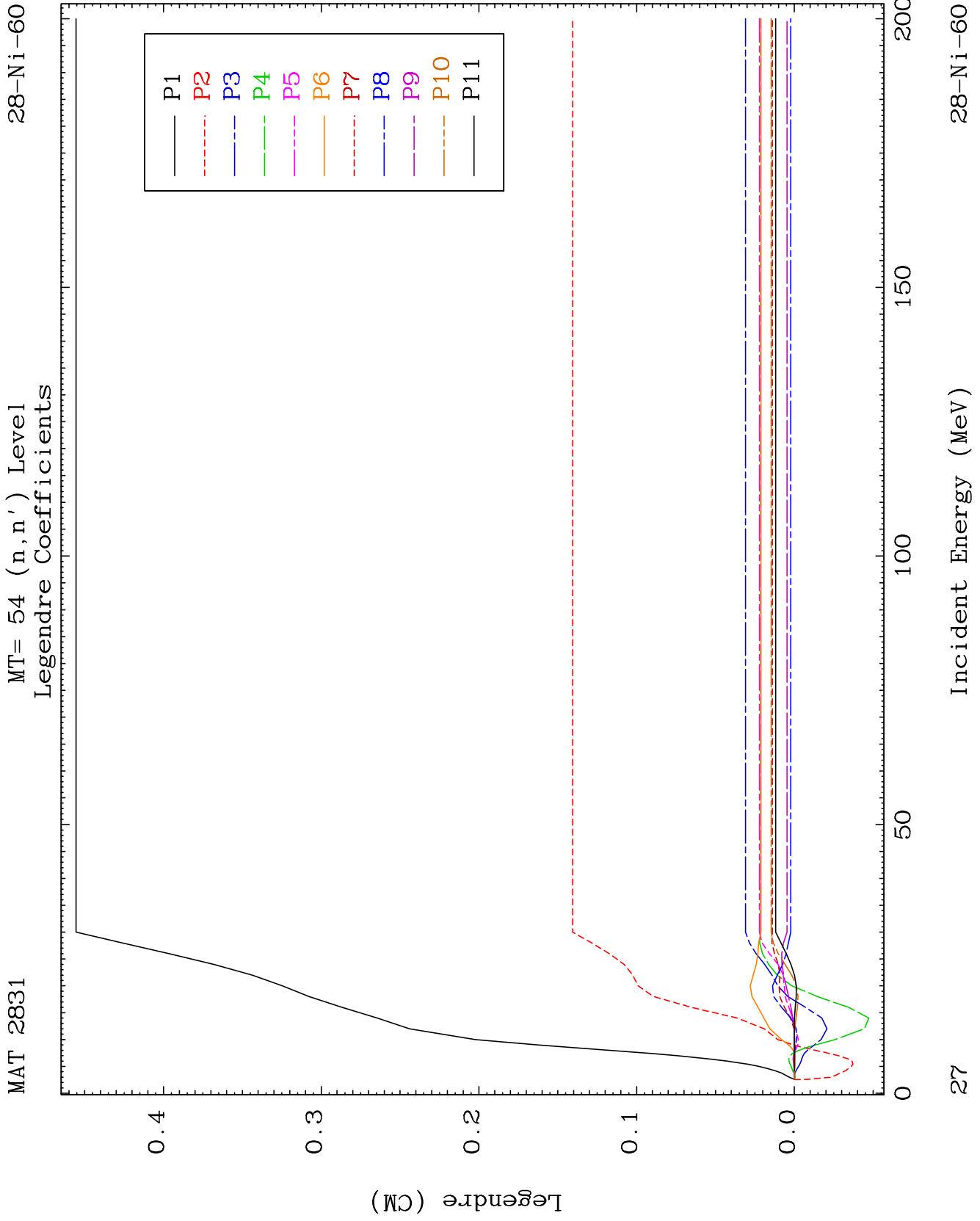
23 28-Ni-60



MAT 2831 MT= 53 (n,n') Level Legendre Coefficients 28-Ni-60



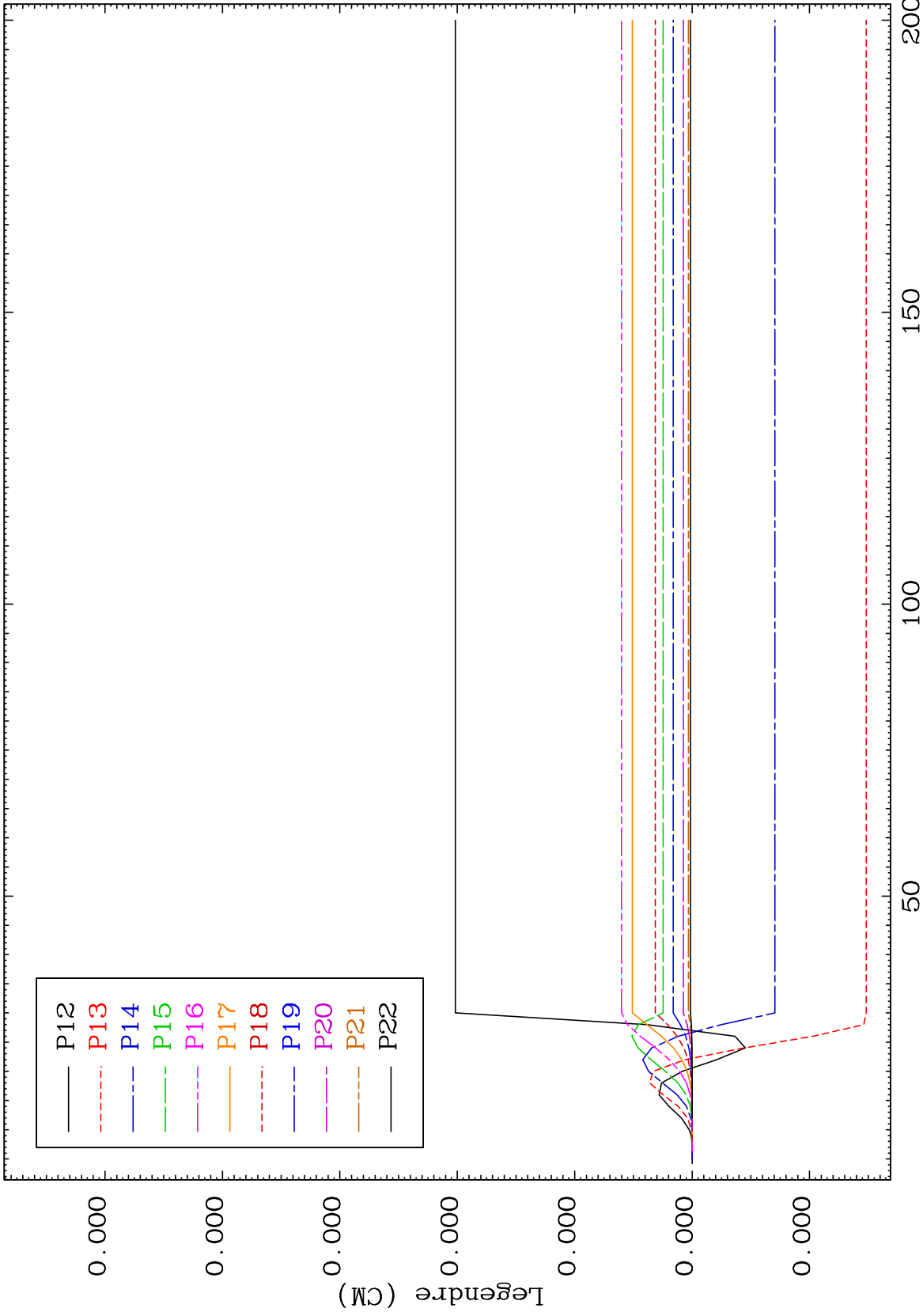
26 50 100 150 200 28-Ni-60



MAT 2831

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

28-Ni-60



28

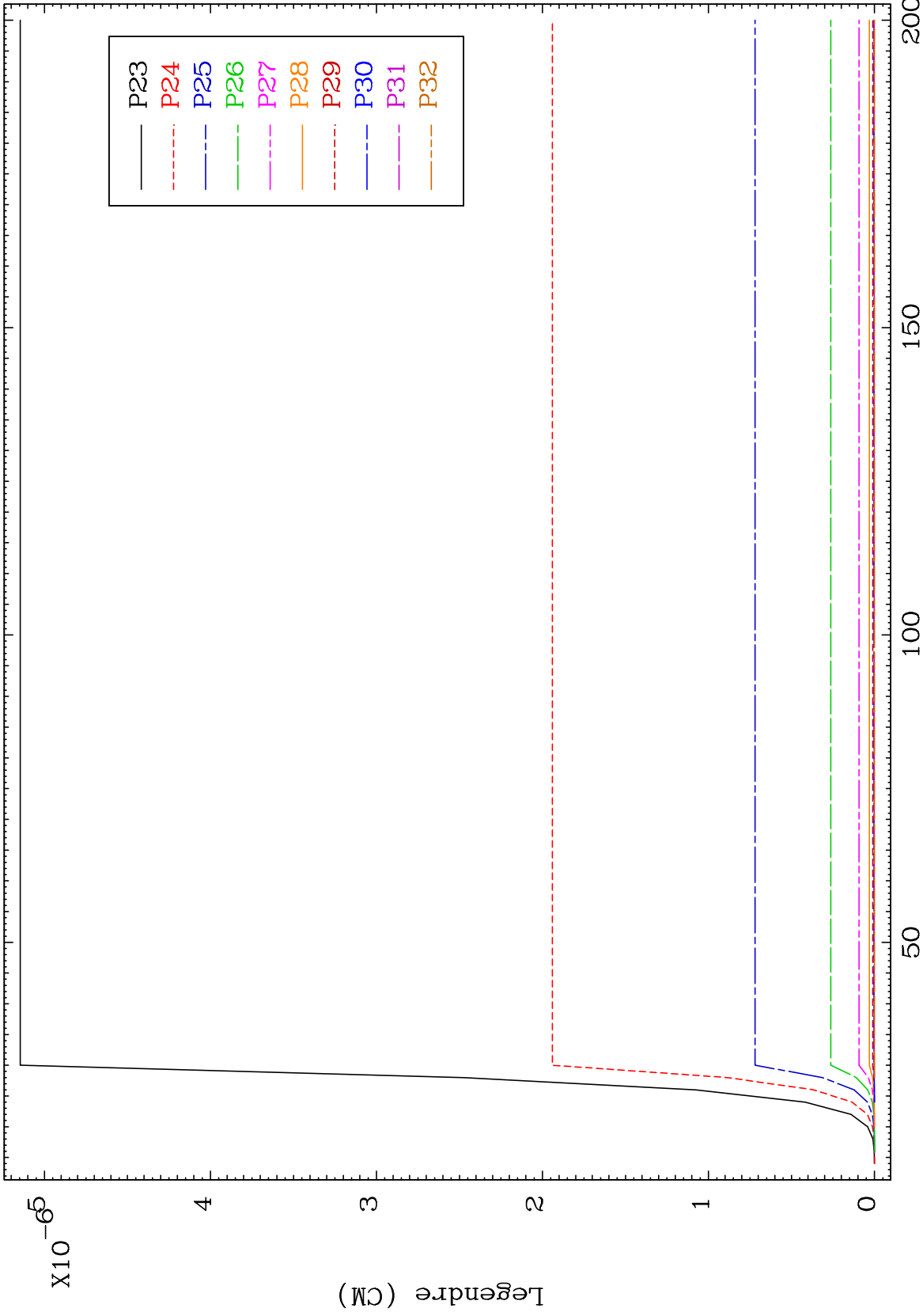
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

28-Ni-60



29

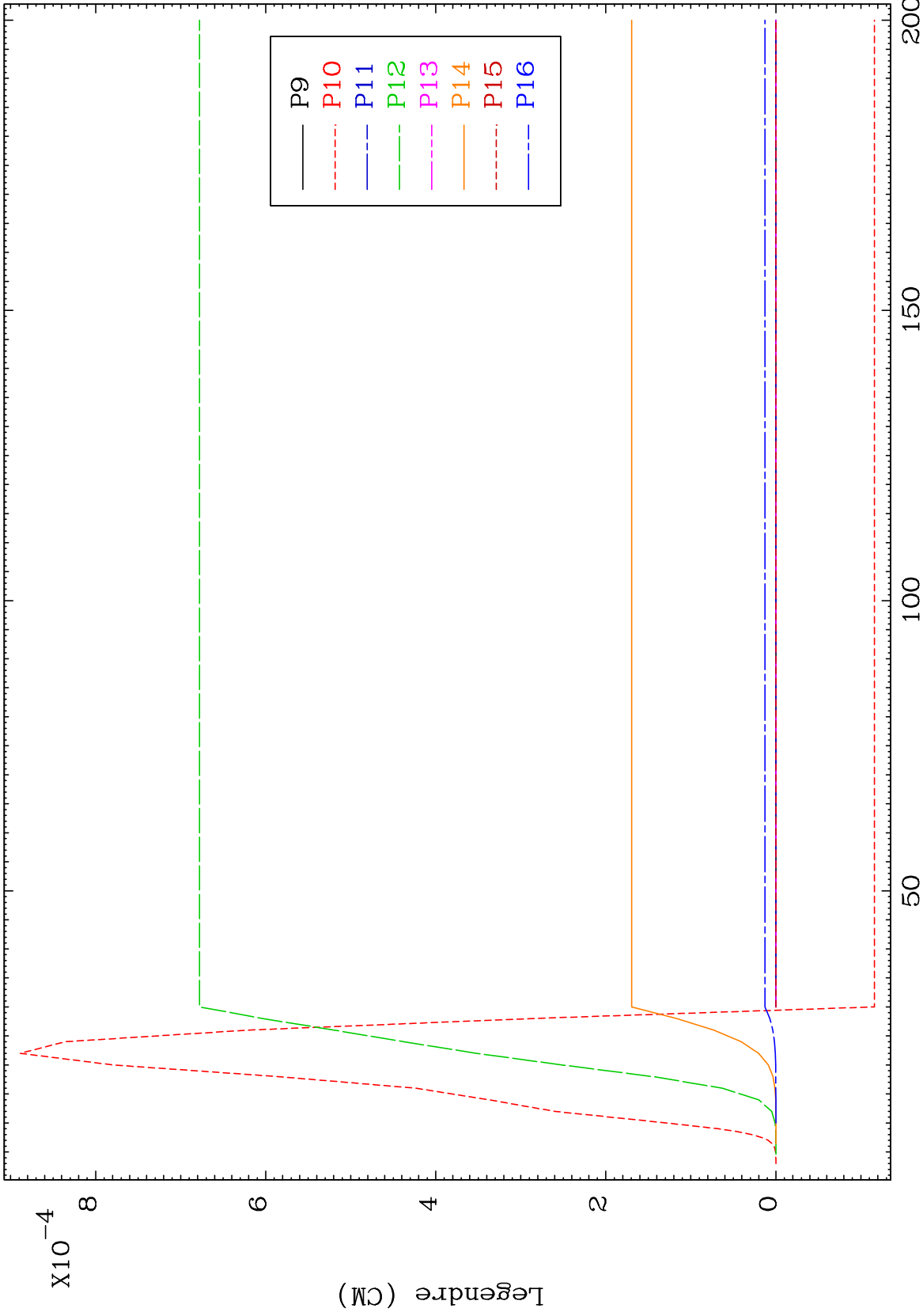
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

28-Ni-60



31

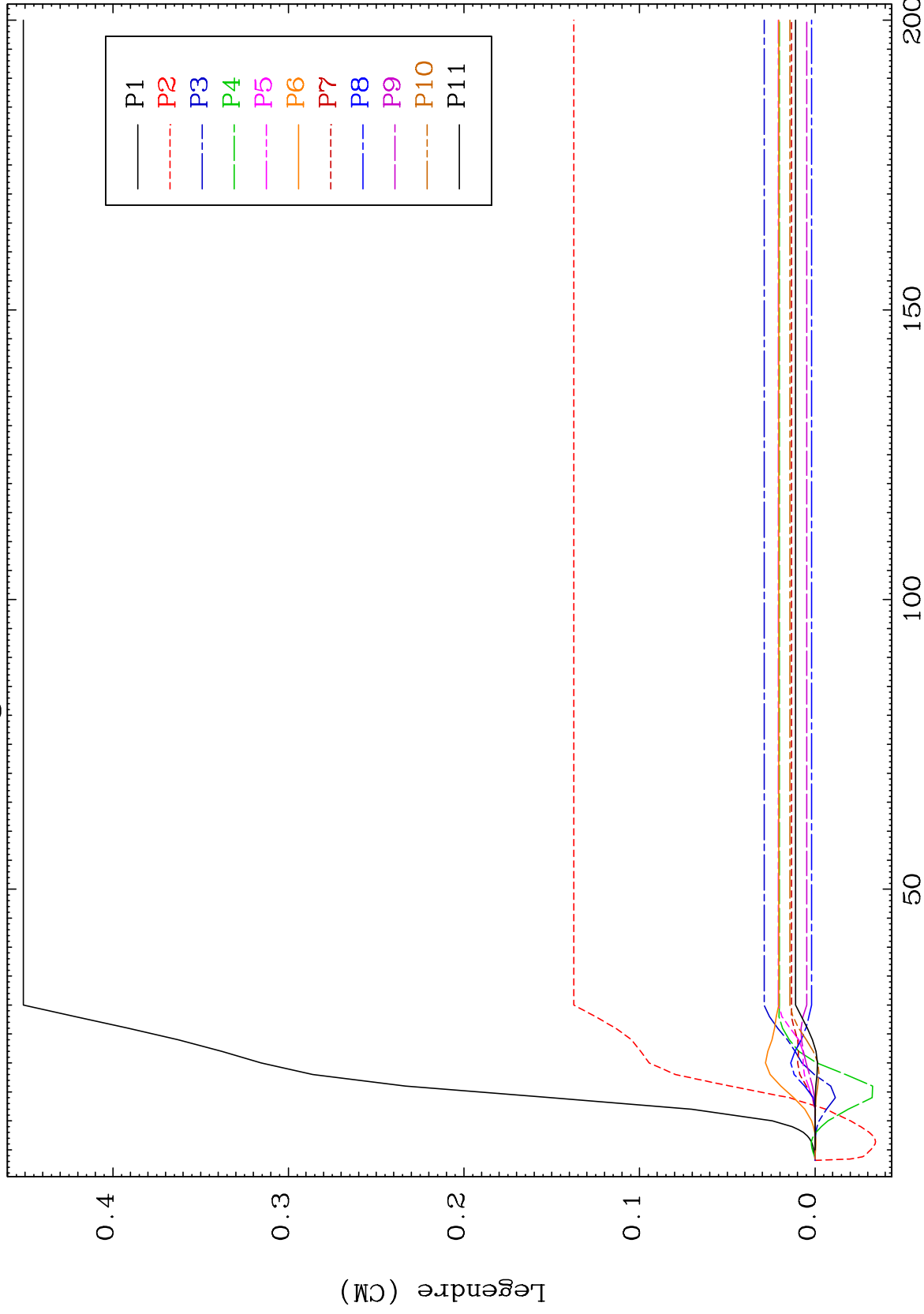
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

28-Ni-60

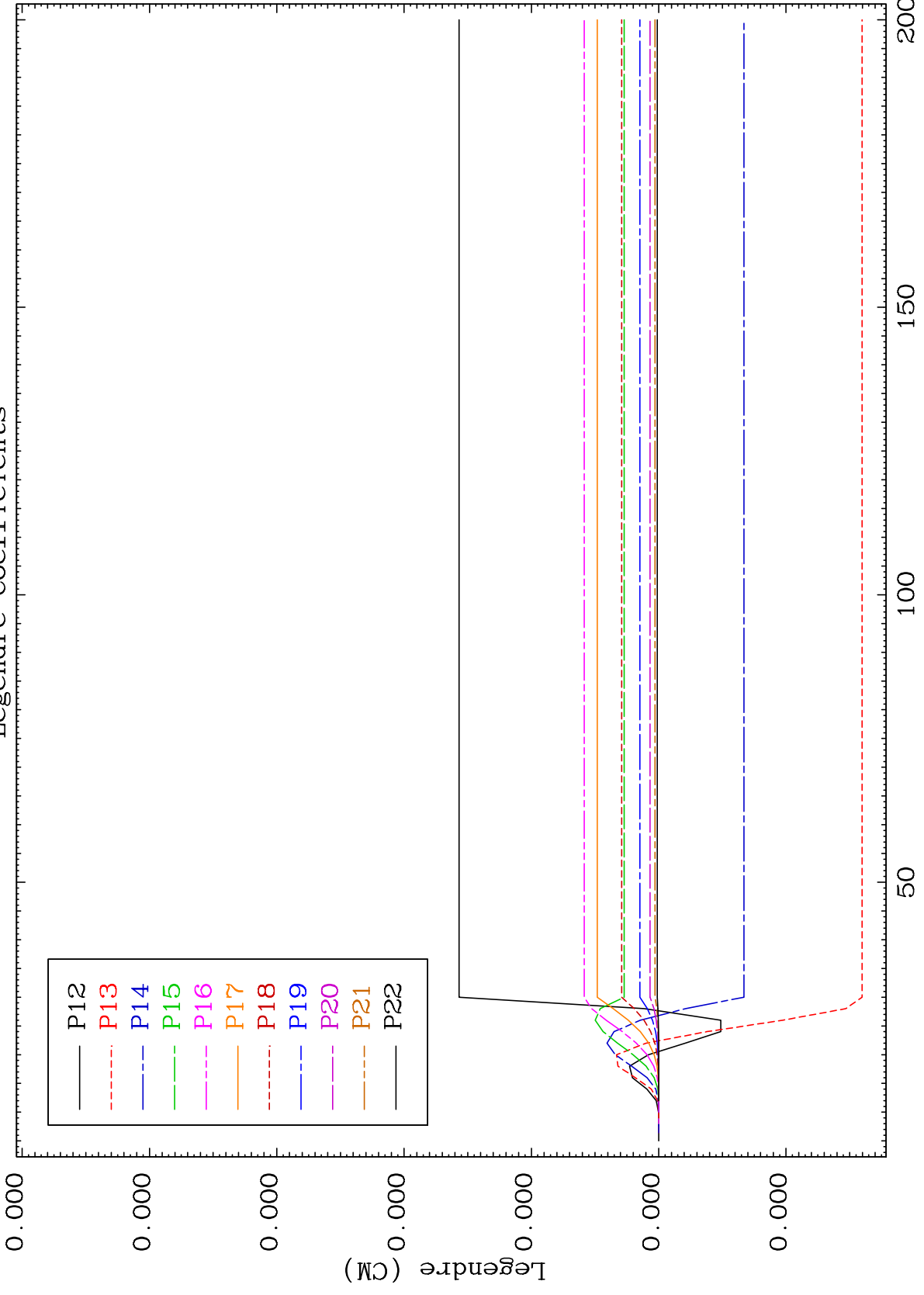


33

Incident Energy (MeV)

28-Ni-60

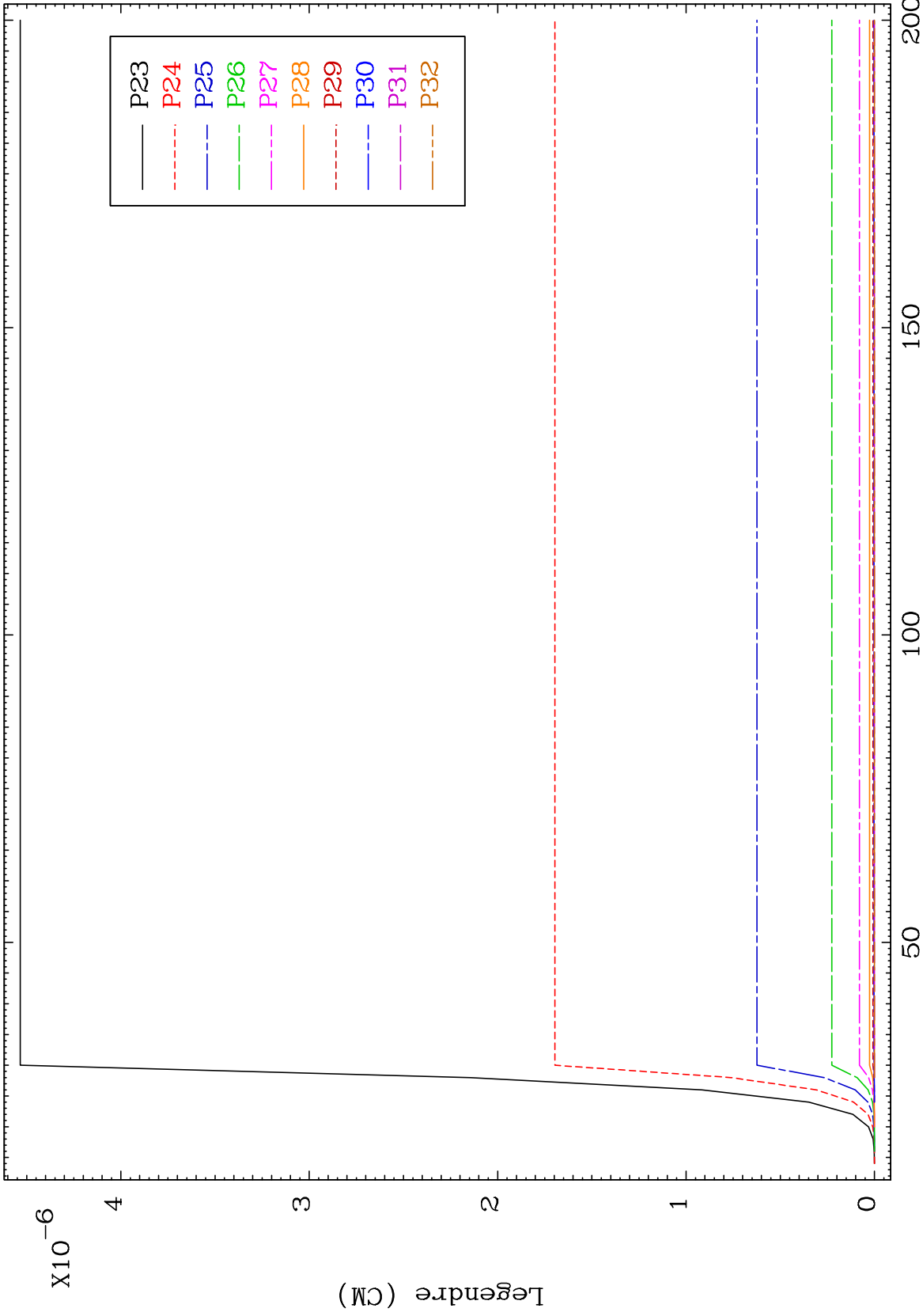
MAT 2831 MT= 56 (n,n') Level Legendre Coefficients 28-Ni-60



MAT 2831

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

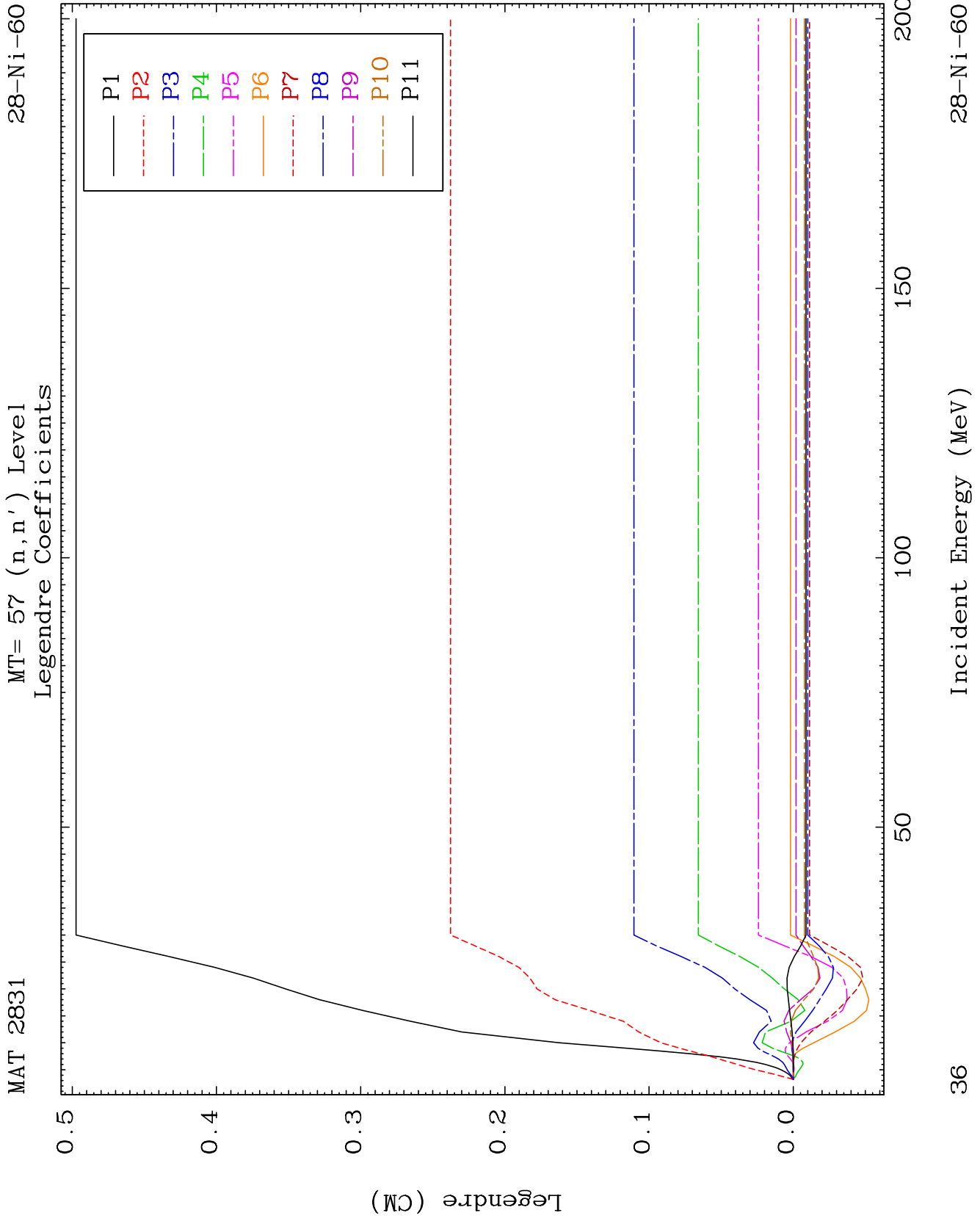
28-Ni-60



35

Incident Energy (MeV)

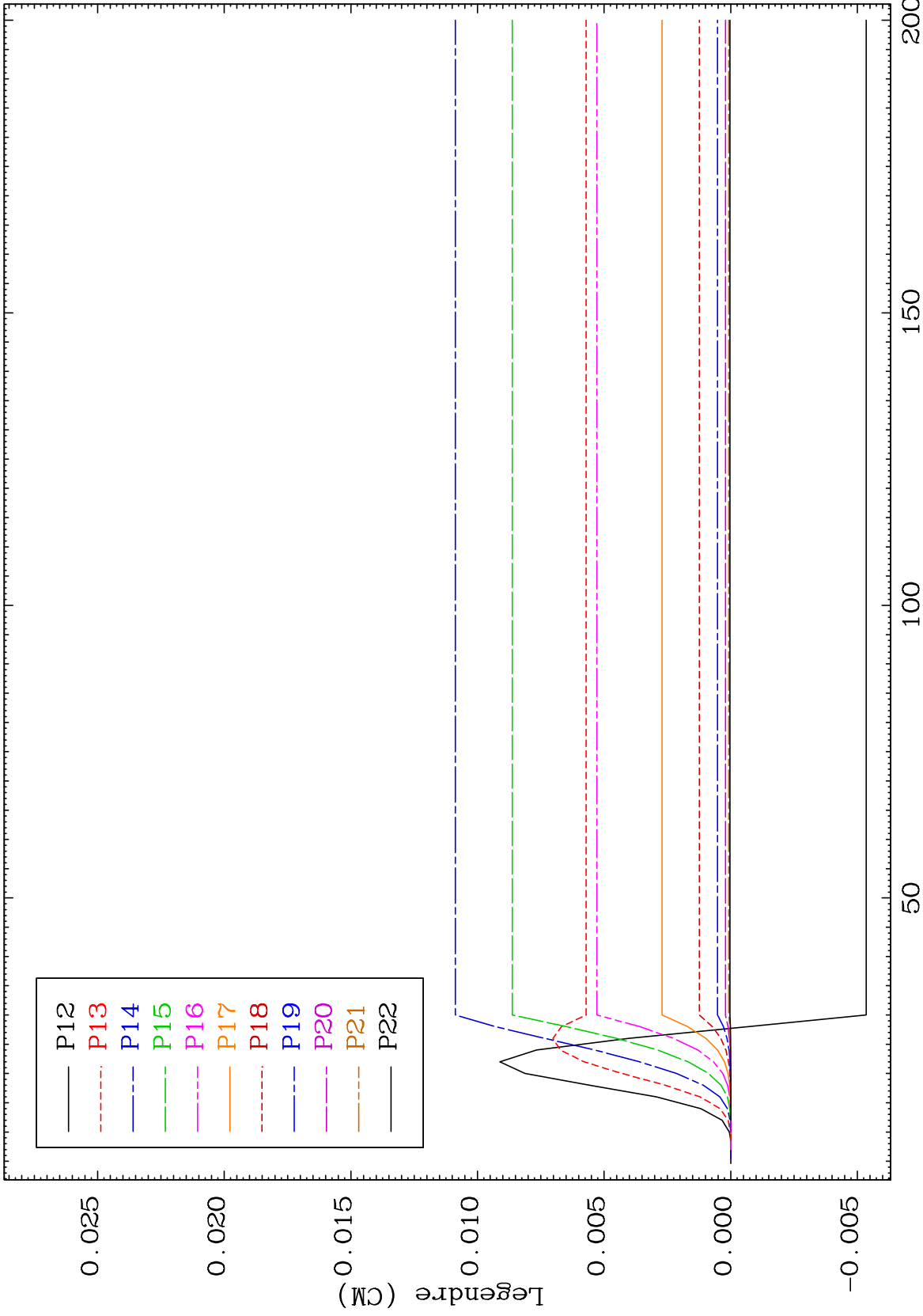
28-Ni-60



MAT 2831

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

28-Ni-60



37

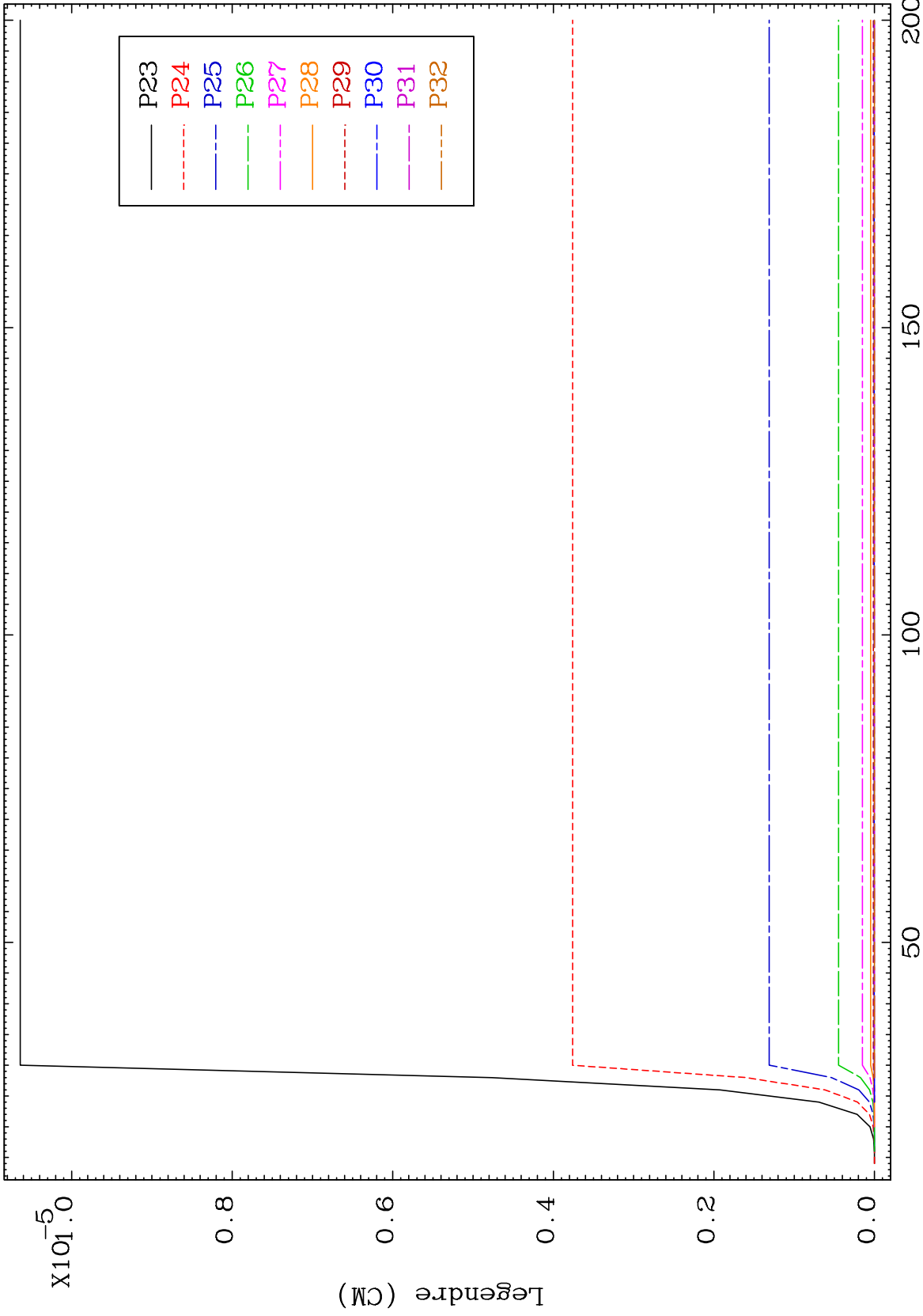
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

28-Ni-60



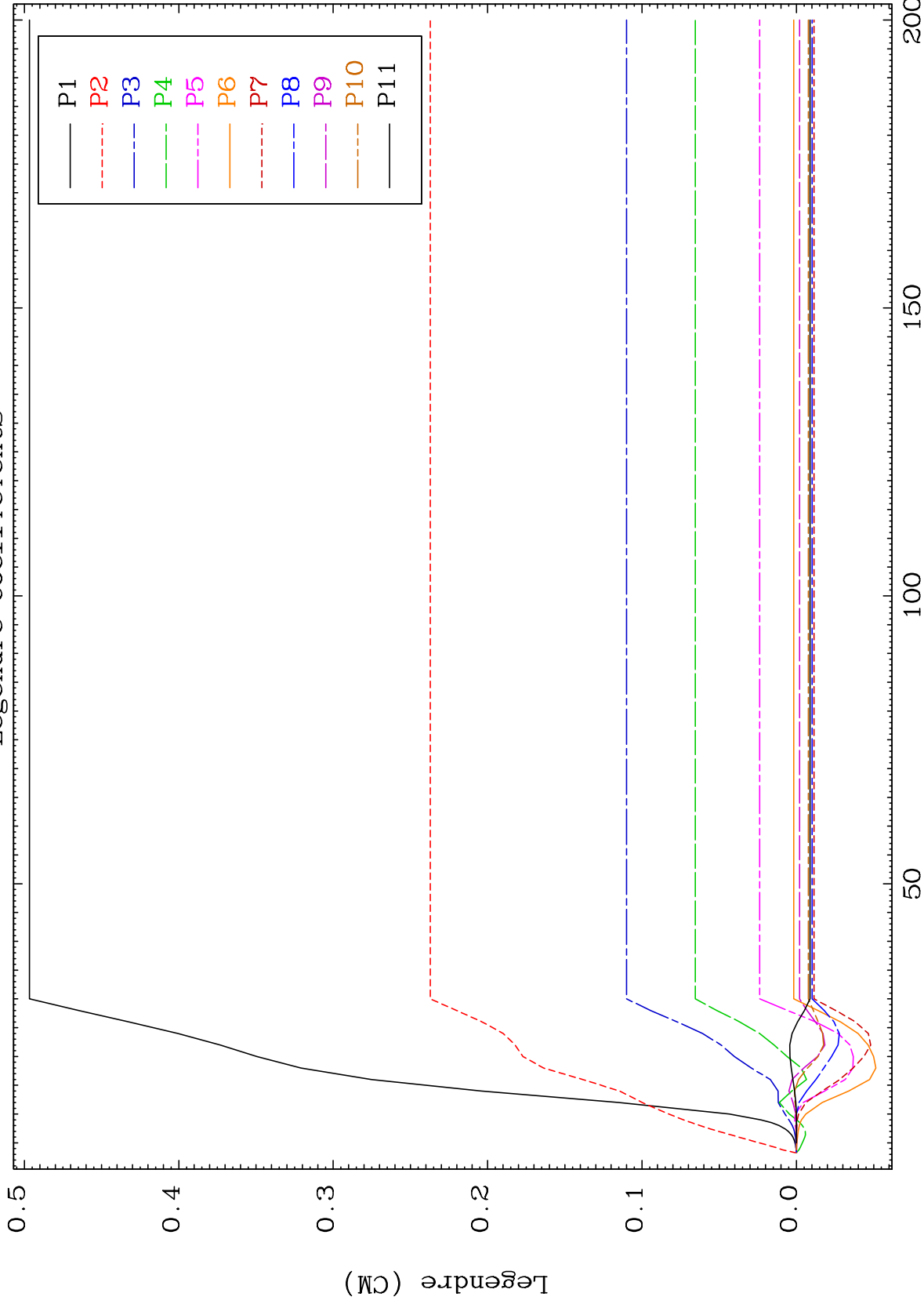
38

Incident Energy (MeV)

28-Ni-60

MAT 2831 MT= 58 (n,n') Level Legendre Coefficients

28-Ni-60



39

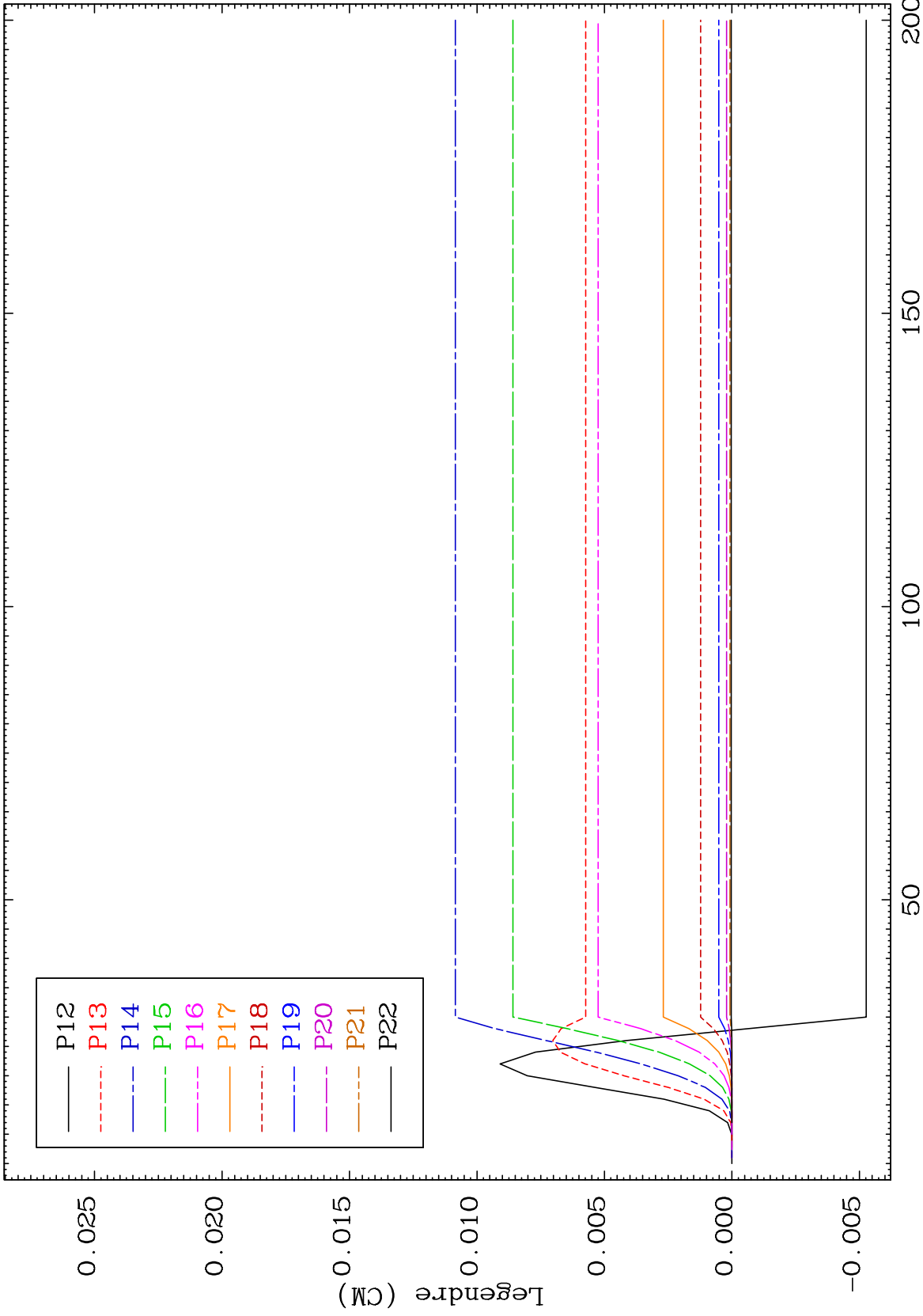
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

28-Ni-60



40

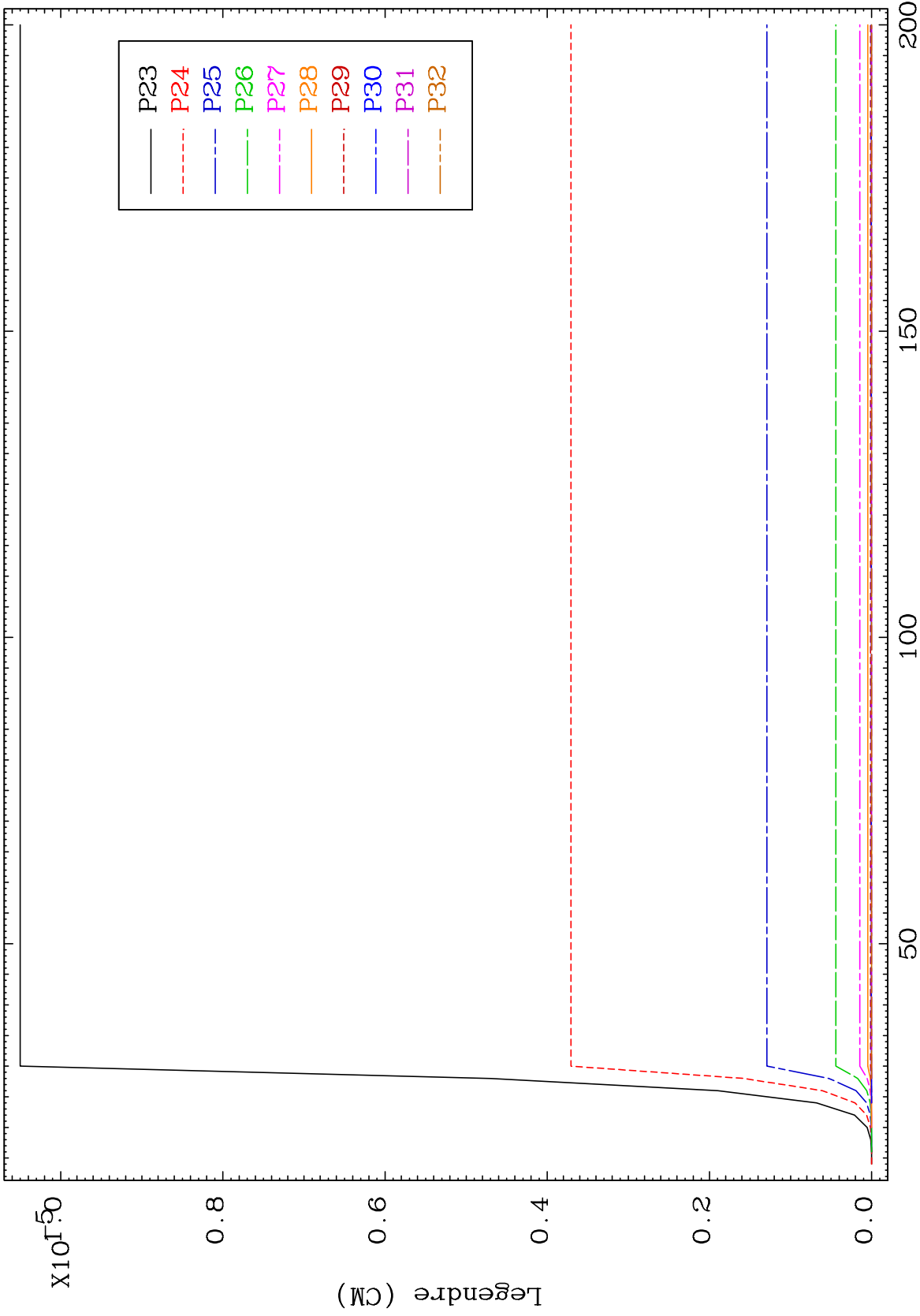
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

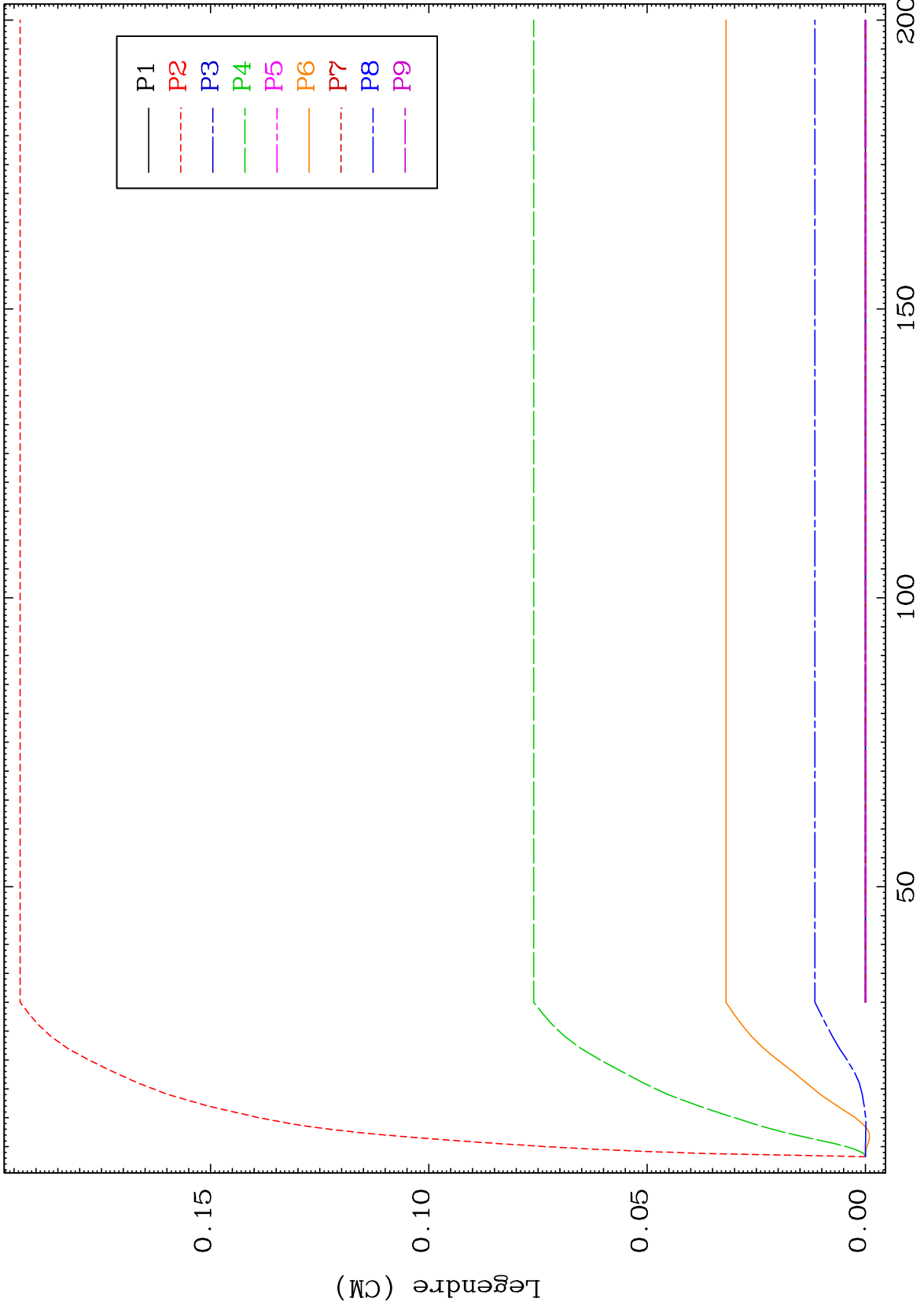
28-Ni-60



41

28-Ni-60

MAT 2831 MT= 59 (n,n') Level Legendre Coefficients 28-Ni-60

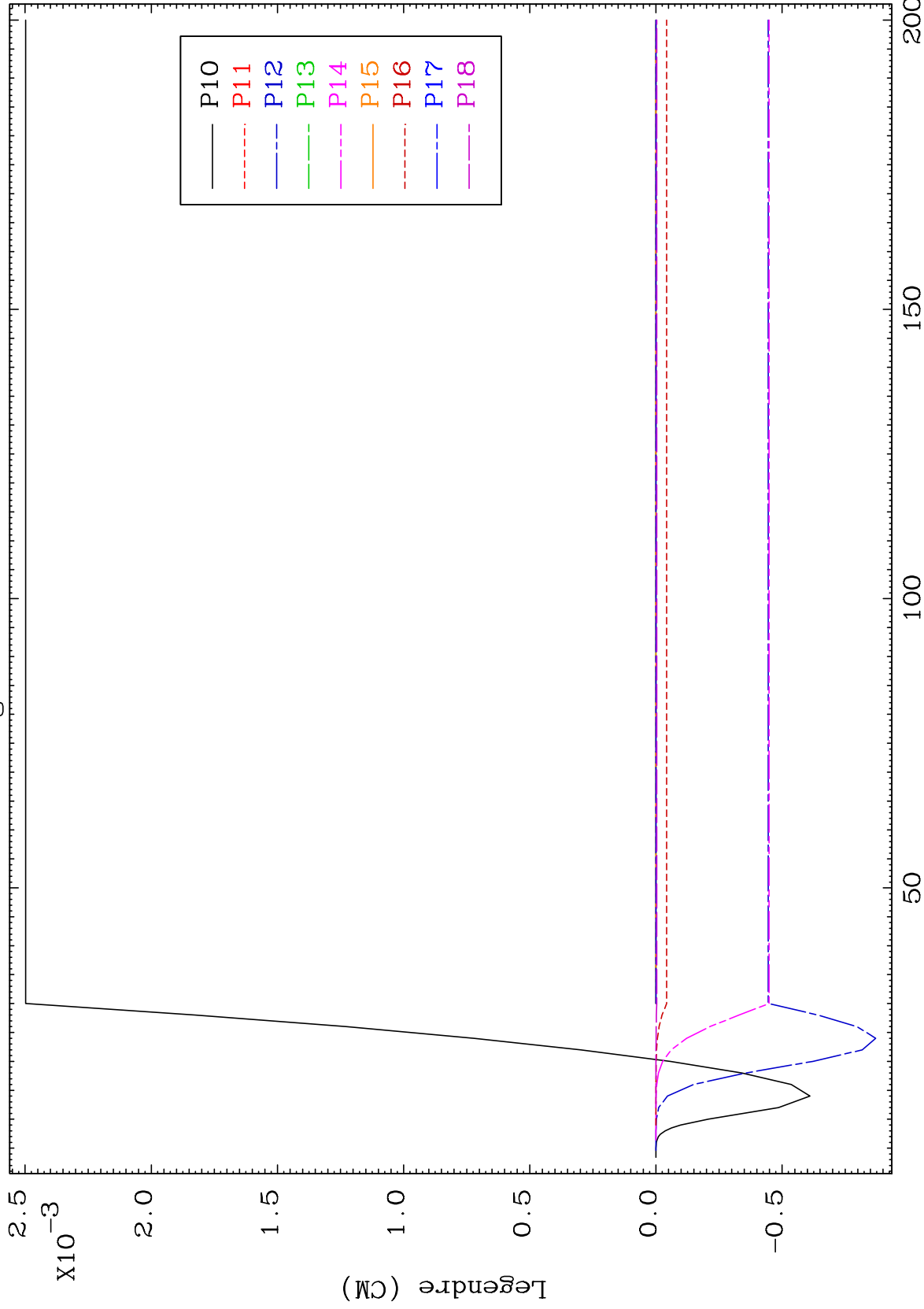


42 Incident Energy (MeV) 28-Ni-60

MAT 2831

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

28-Ni-60

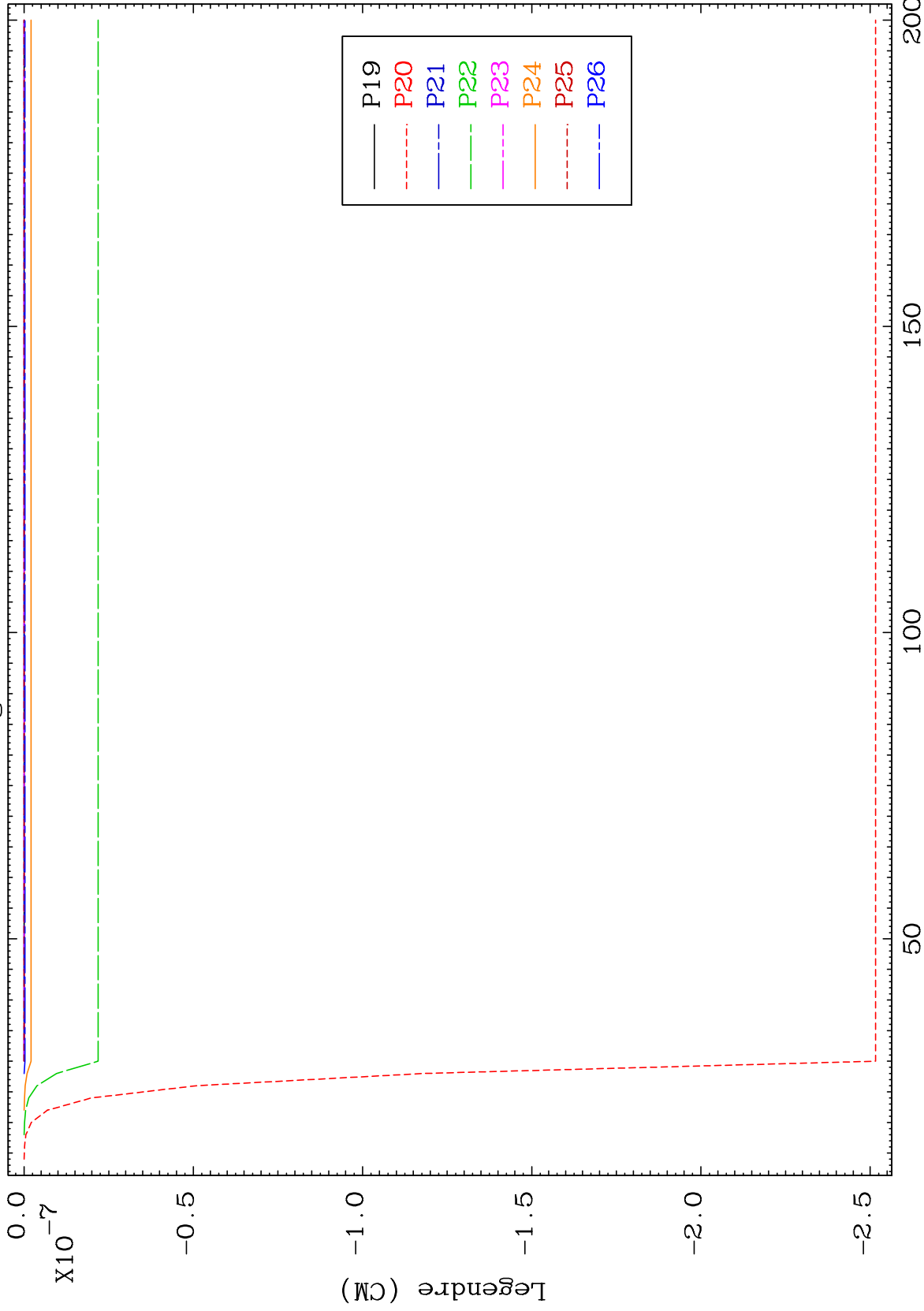


43

Incident Energy (MeV)

28-Ni-60

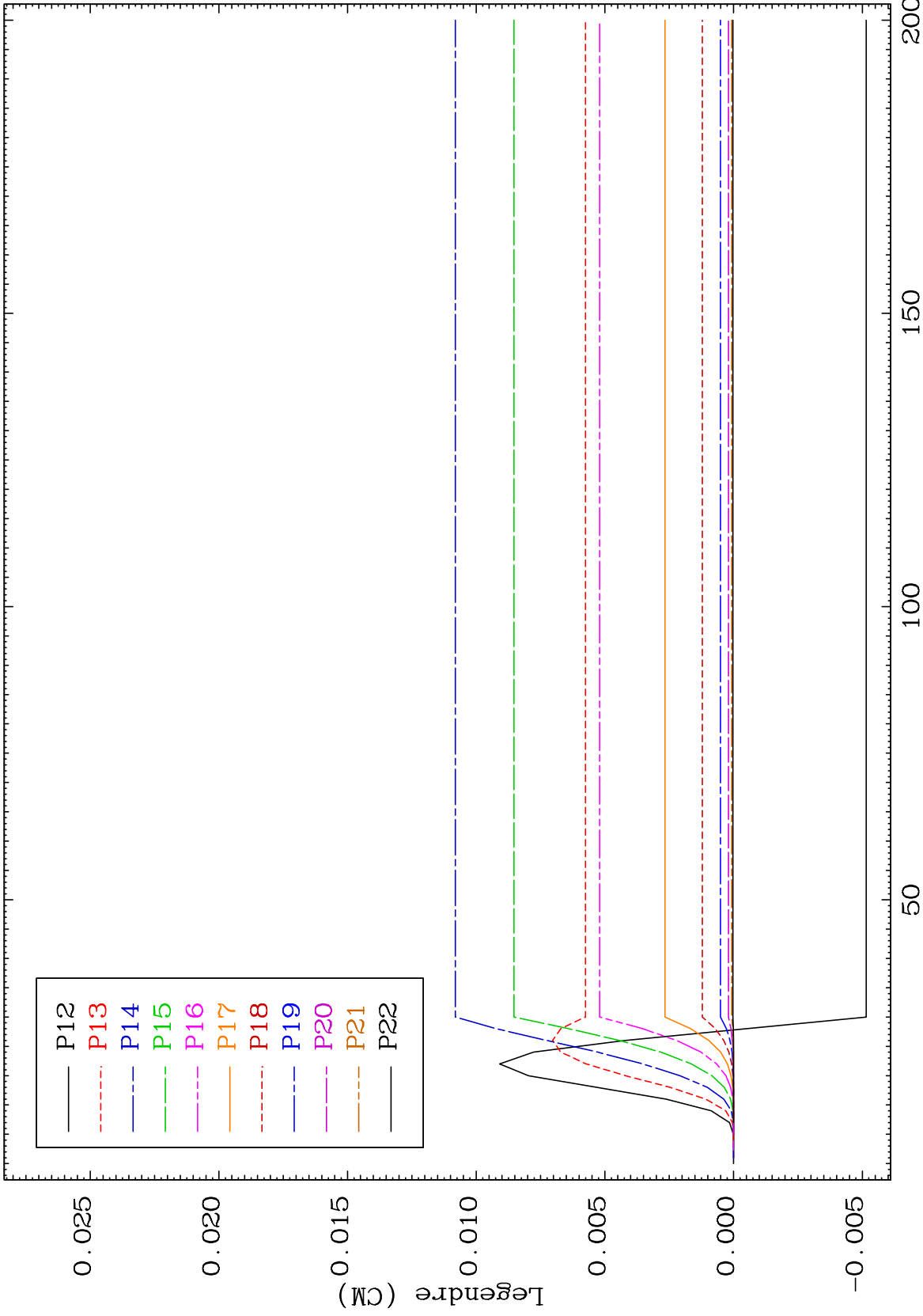
Legendre Coefficients



MAT 2831

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

28-Ni-60



46

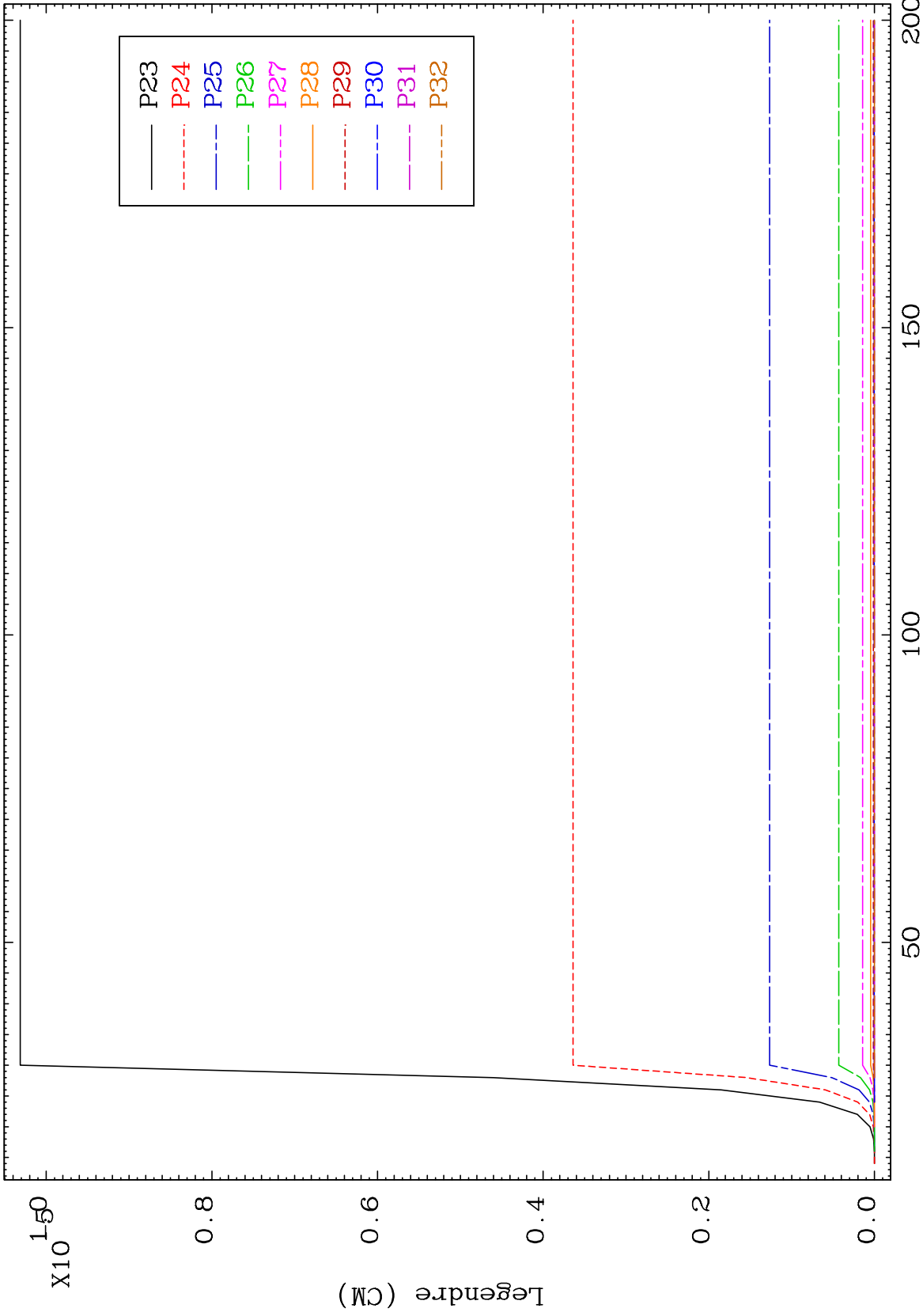
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

28-Ni-60

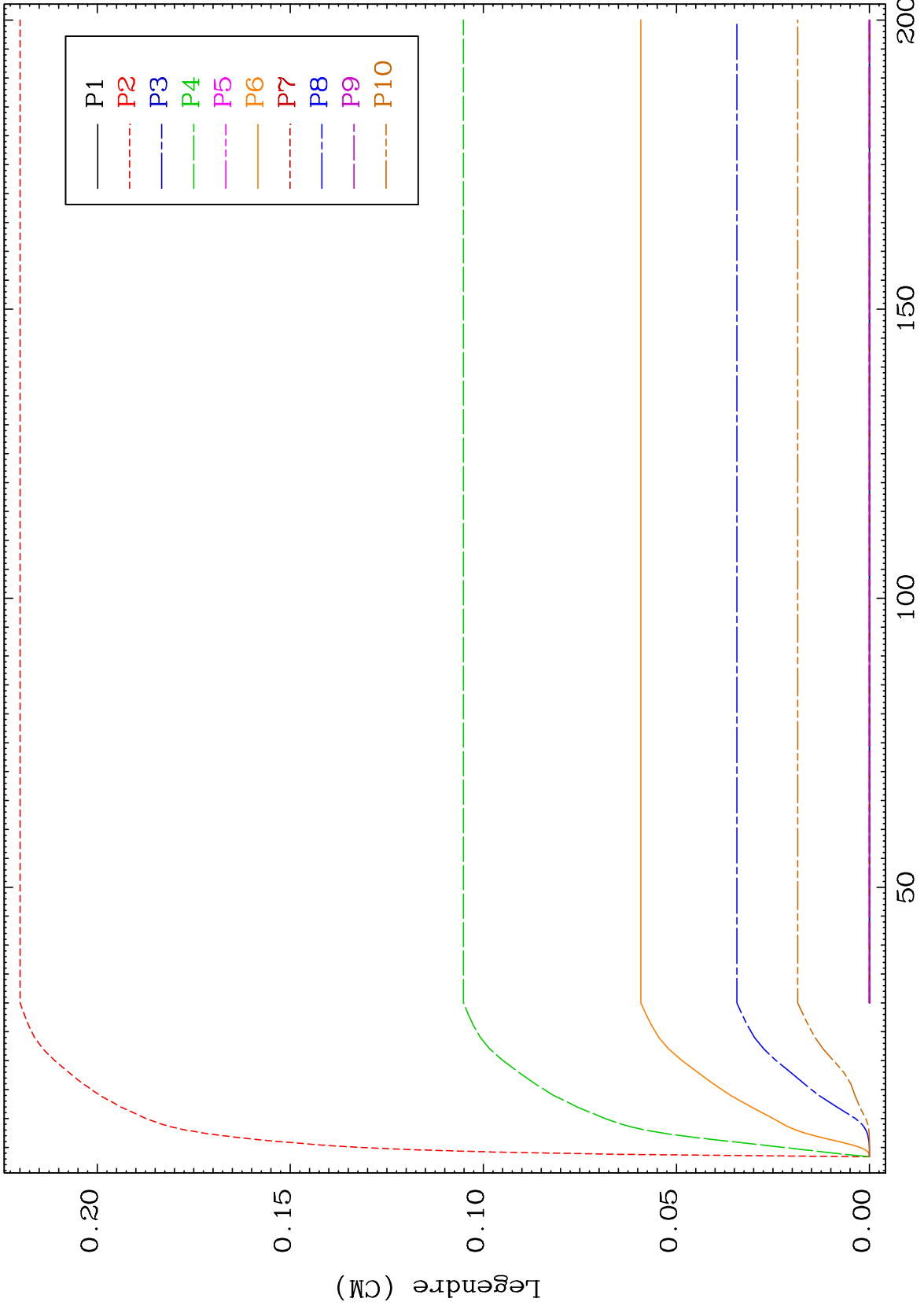


47

Incident Energy (MeV)

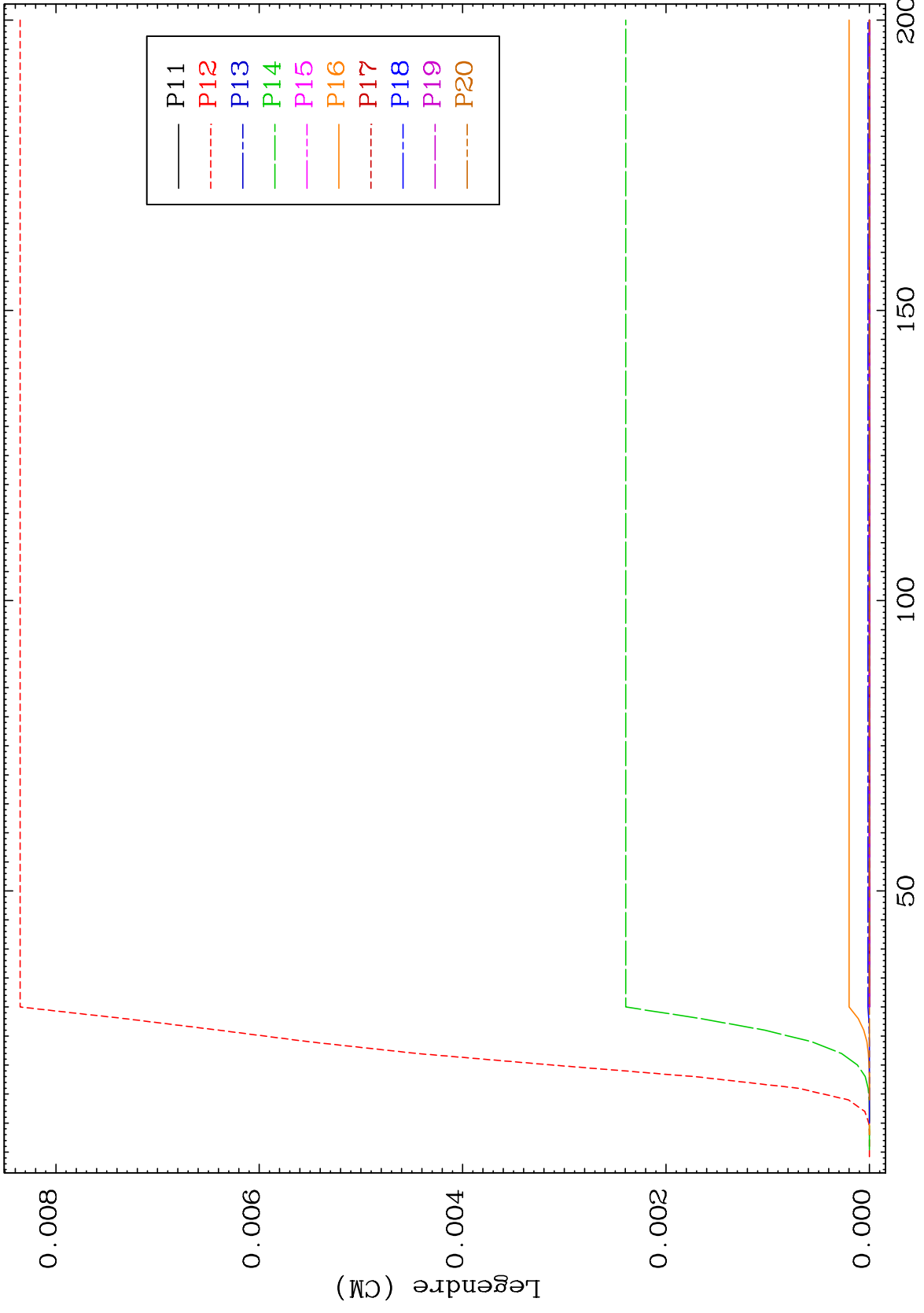
28-Ni-60

MAT 2831 MT= 61 (n,n') Level Legendre Coefficients 28-Ni-60



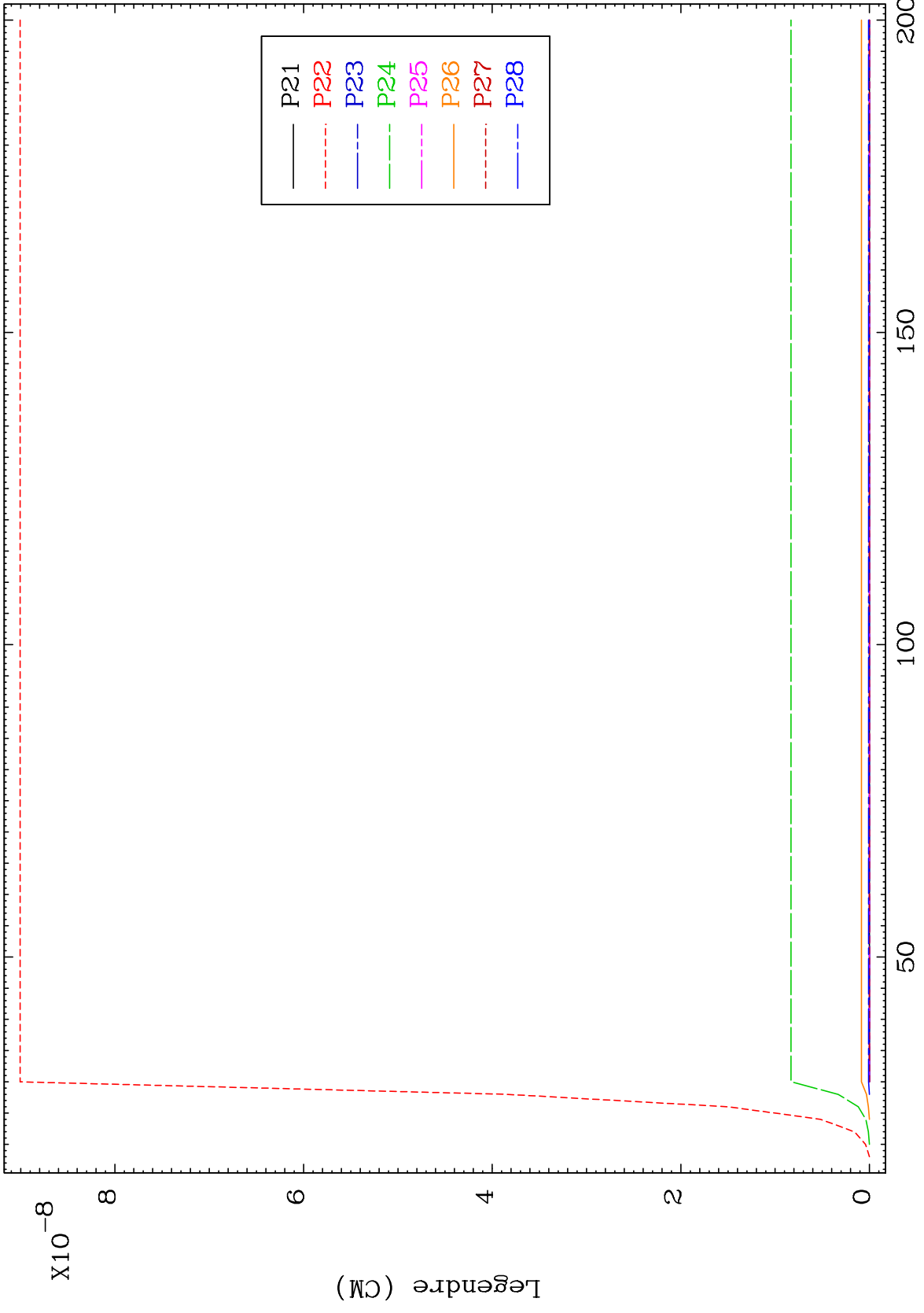
48 Incident Energy (MeV) 28-Ni-60

MAT 2831 MT= 61 (n,n') Level Legendre Coefficients 28-Ni-60



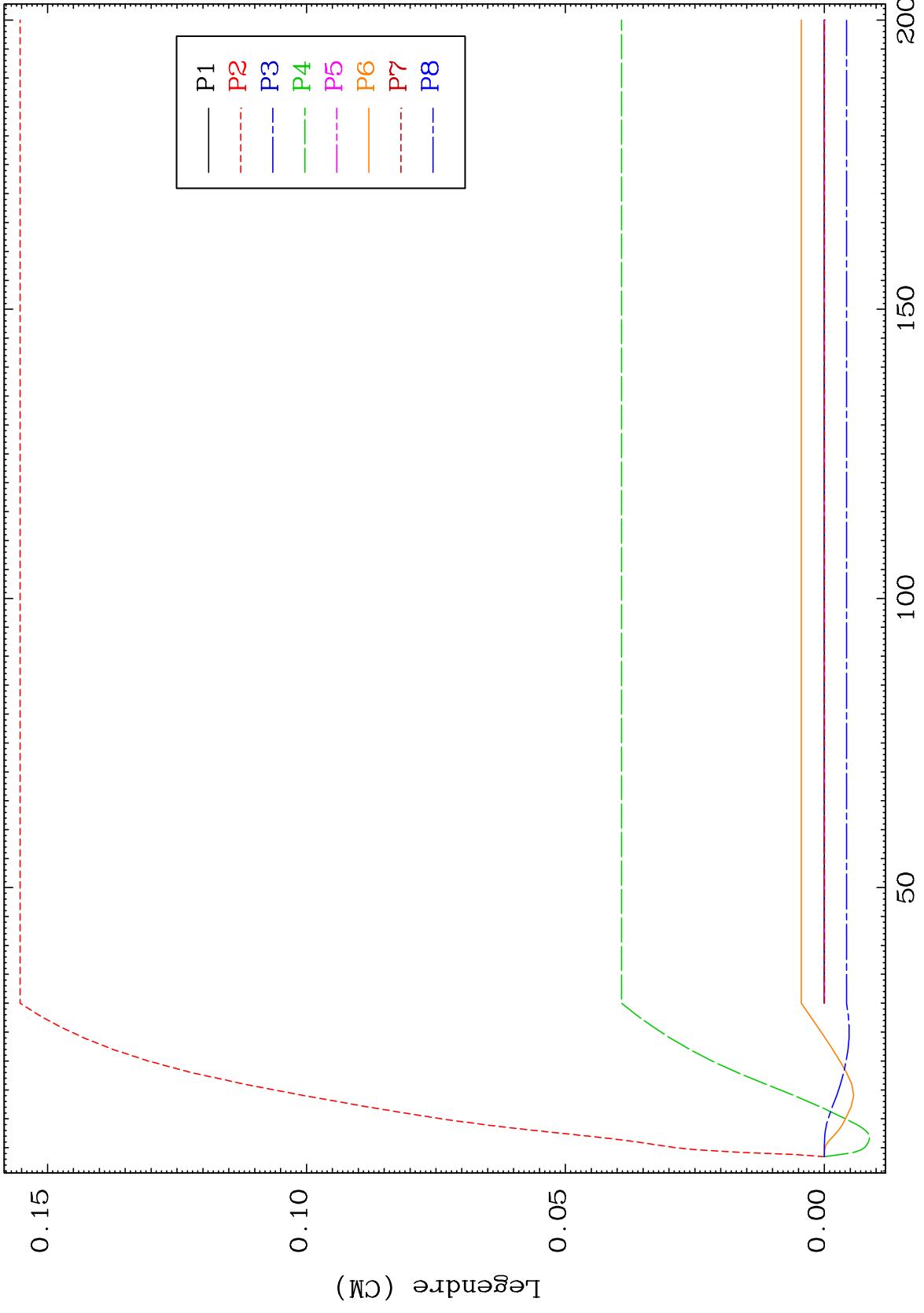
49 50 55 100 150 200 28-Ni-60

MAT 2831 MT= 61 (n,n') Level Legendre Coefficients 28-Ni-60



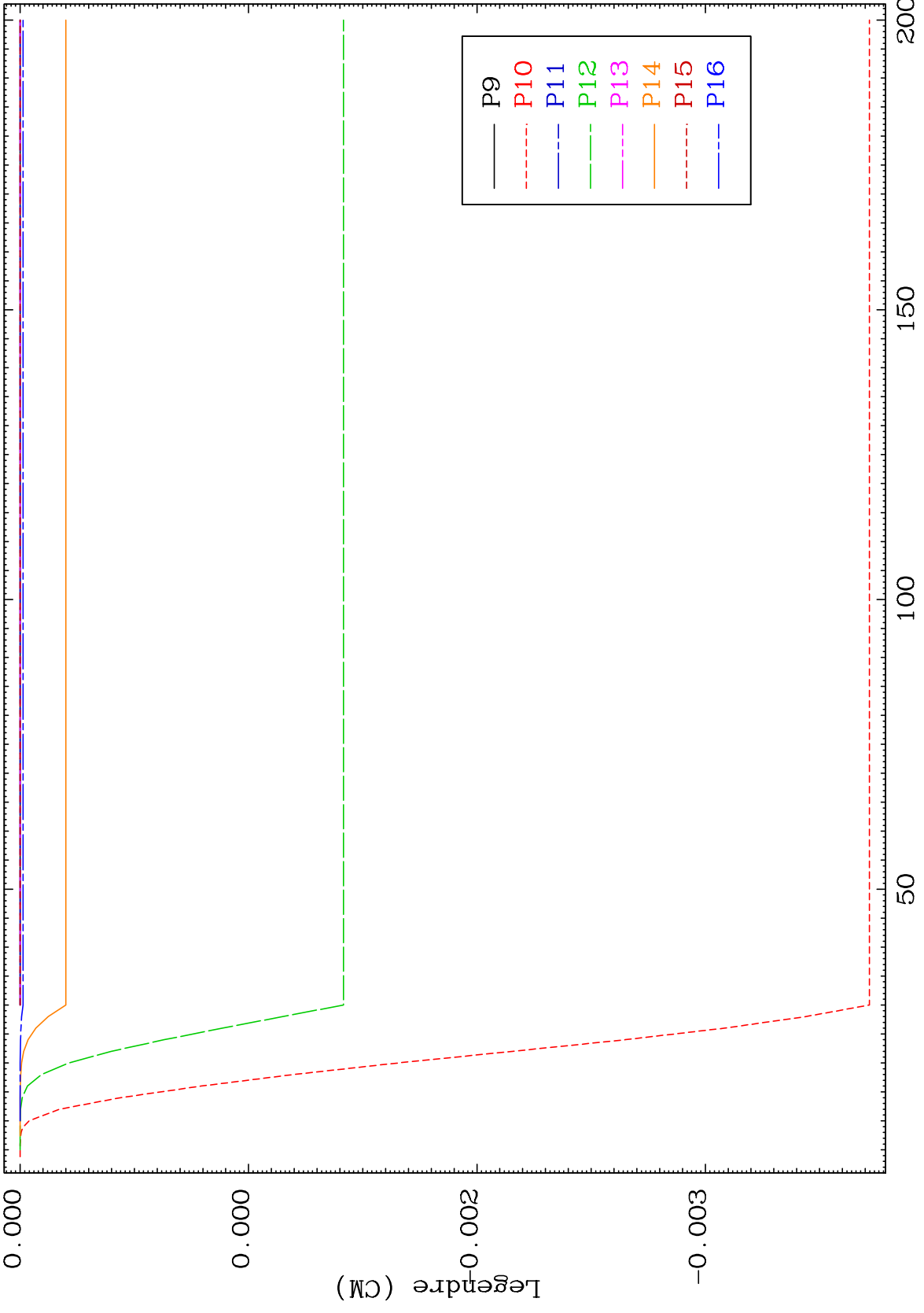
28-Ni-60

MAT 2831 MT= 62 (n,n') Level Legendre Coefficients 28-Ni-60



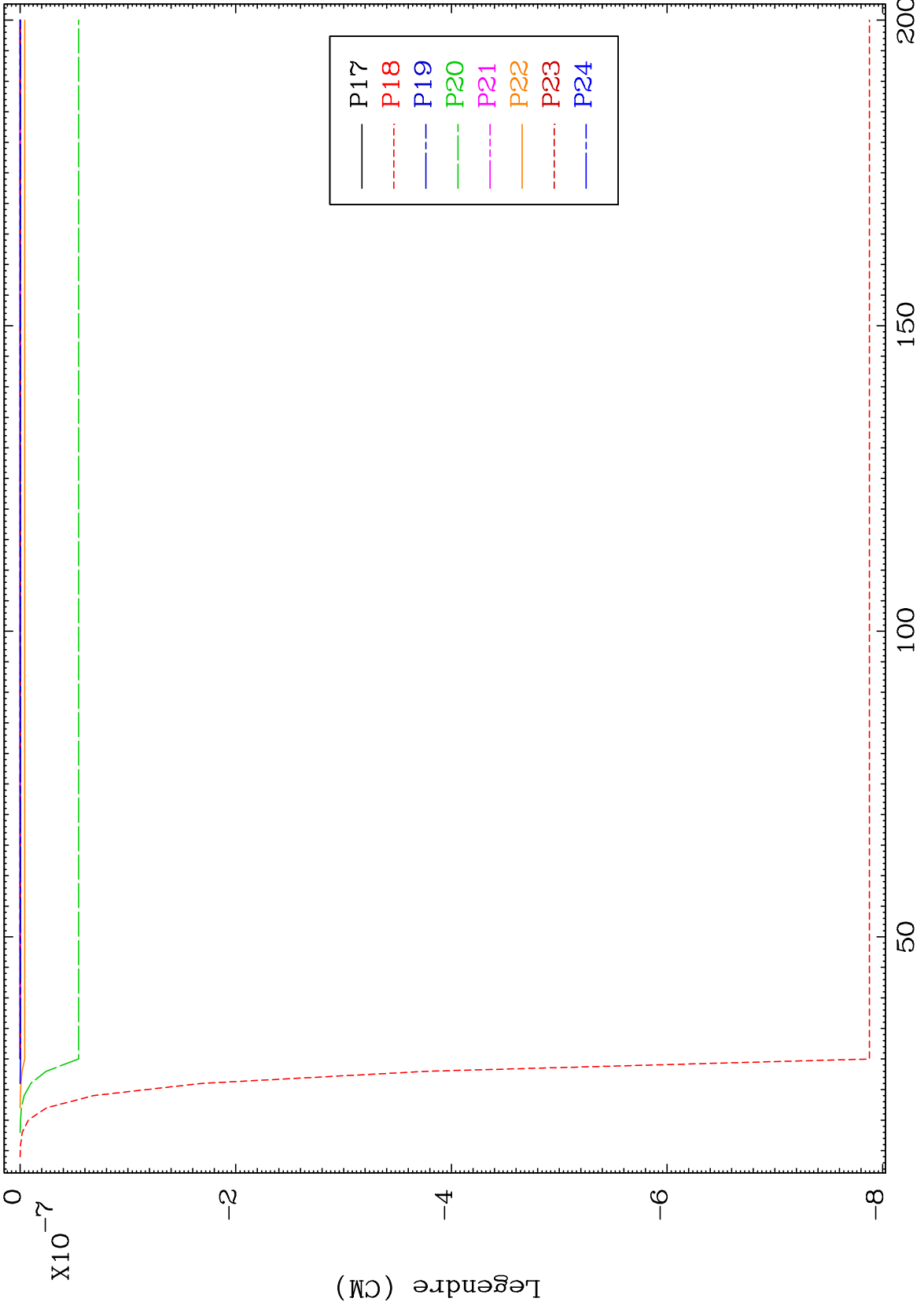
51 Incident Energy (MeV) 28-Ni-60

MAT 2831 MT= 62 (n,n') Level Legendre Coefficients 28-Ni-60



52 Incident Energy (MeV) 200 28-Ni-60

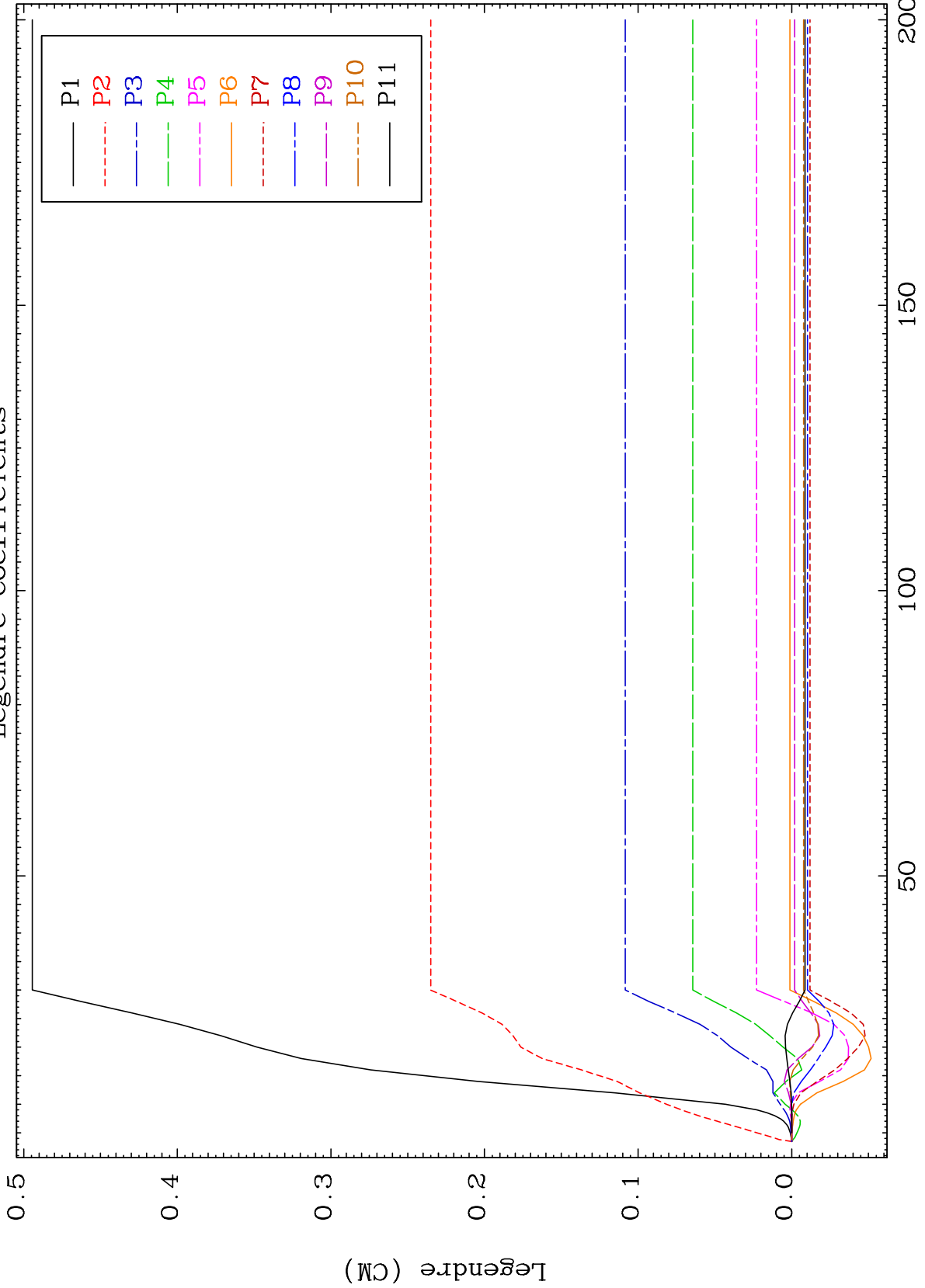
MAT 2831 MT= 62 (n,n') Level Legendre Coefficients 28-Ni-60



53 200 28-Ni-60

MAT 2831 MT= 63 (n,n') Level Legendre Coefficients

28-Ni-60



28-Ni-60

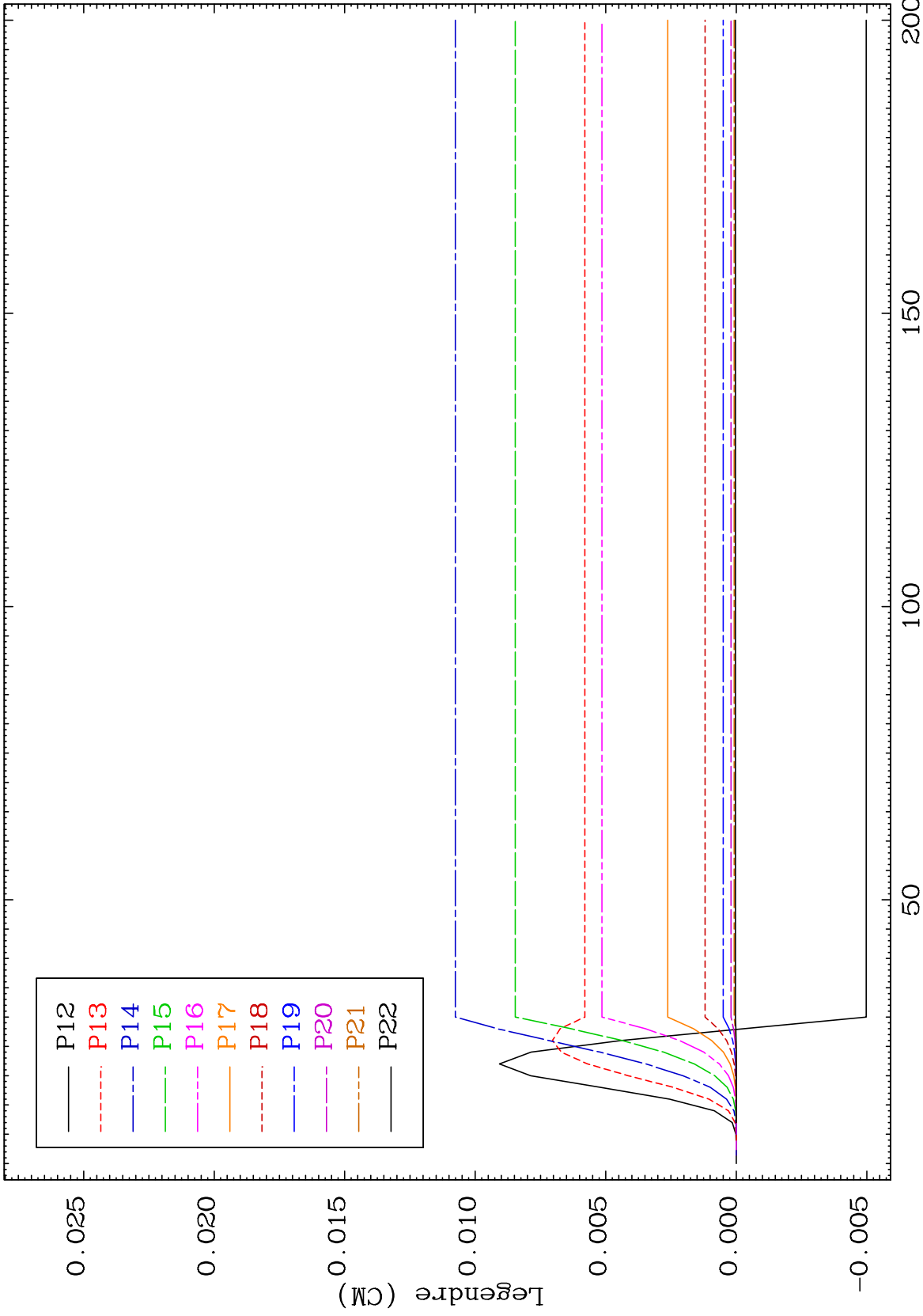
Incident Energy (MeV)

54

MAT 2831

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

28-Ni-60

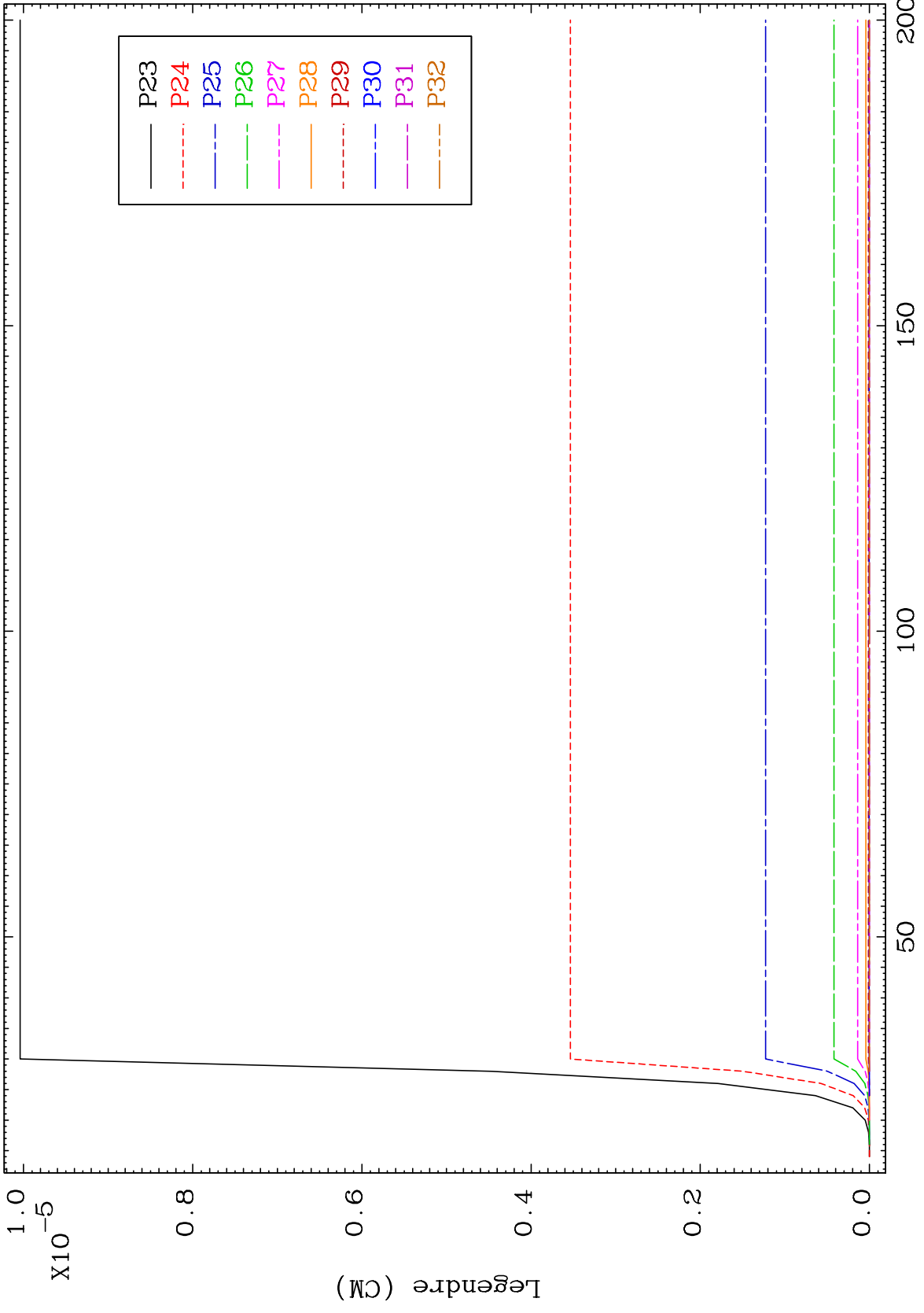


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Incident Energy (MeV)

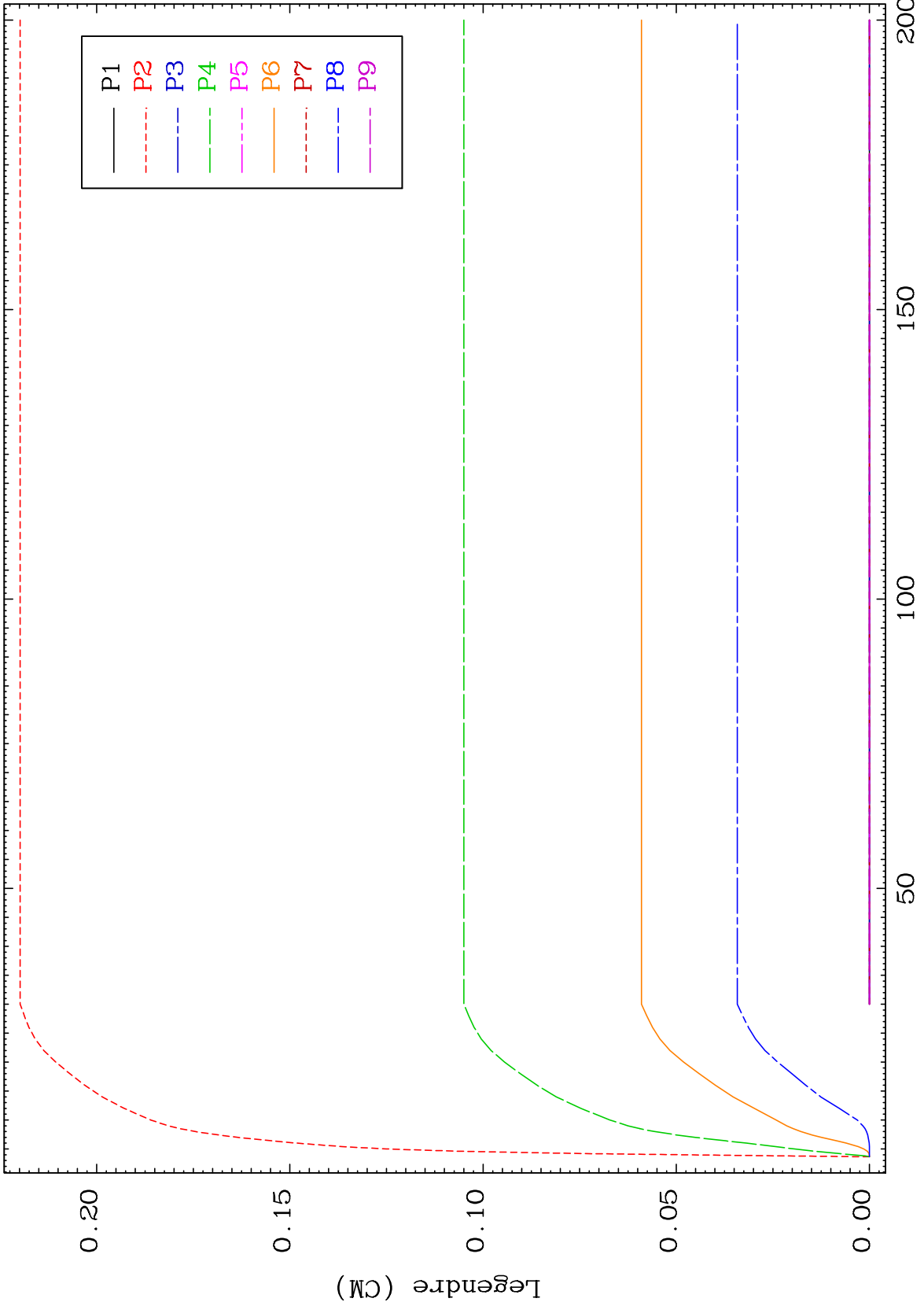
28-Ni-60

MAT 2831 MT= 63 (n,n') Level Legendre Coefficients 28-Ni-60



56 28-Ni-60

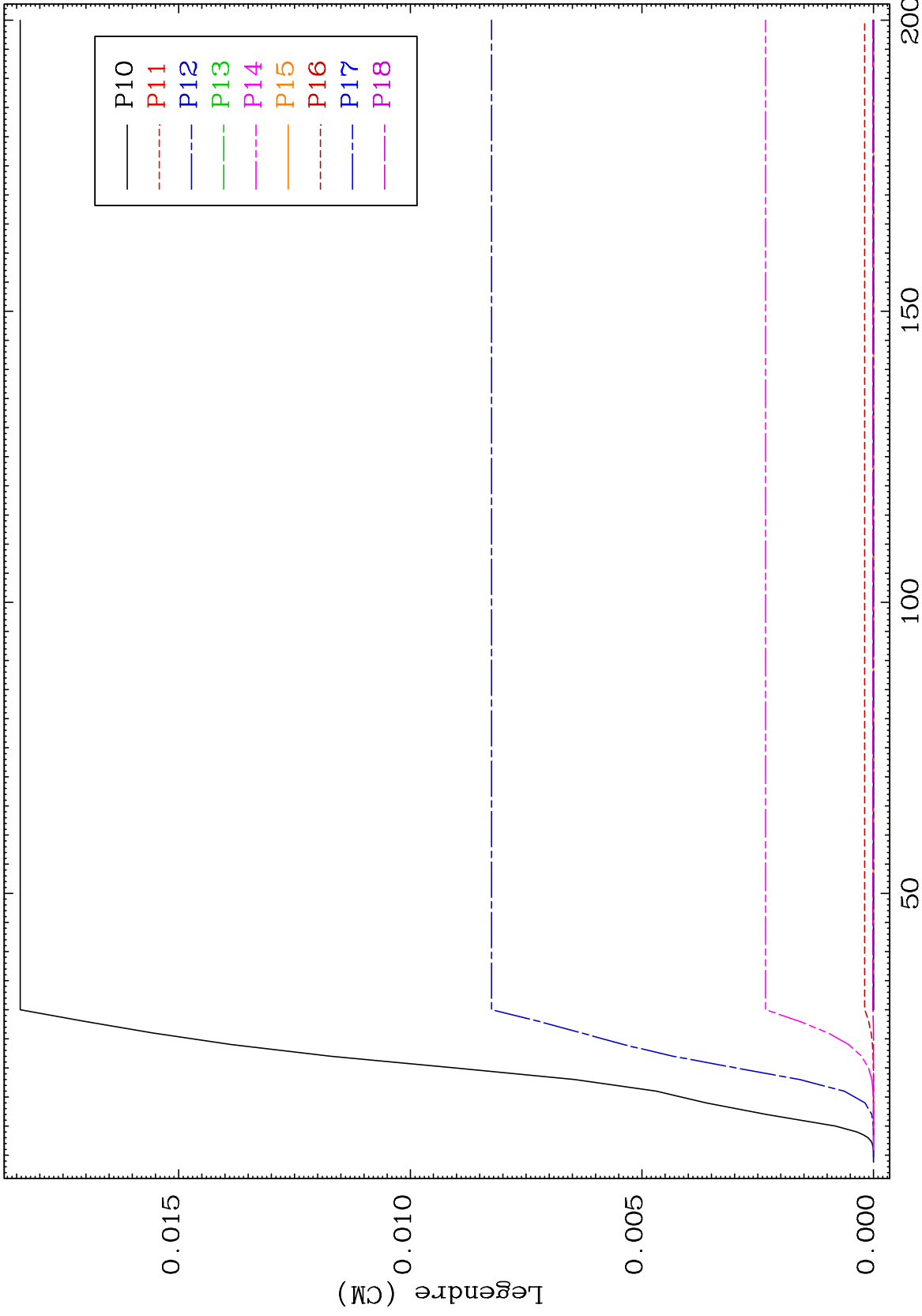
MAT 2831 MT= 64 (n,n') Level Legendre Coefficients 28-Ni-60



MAT 2831

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

28-Ni-60

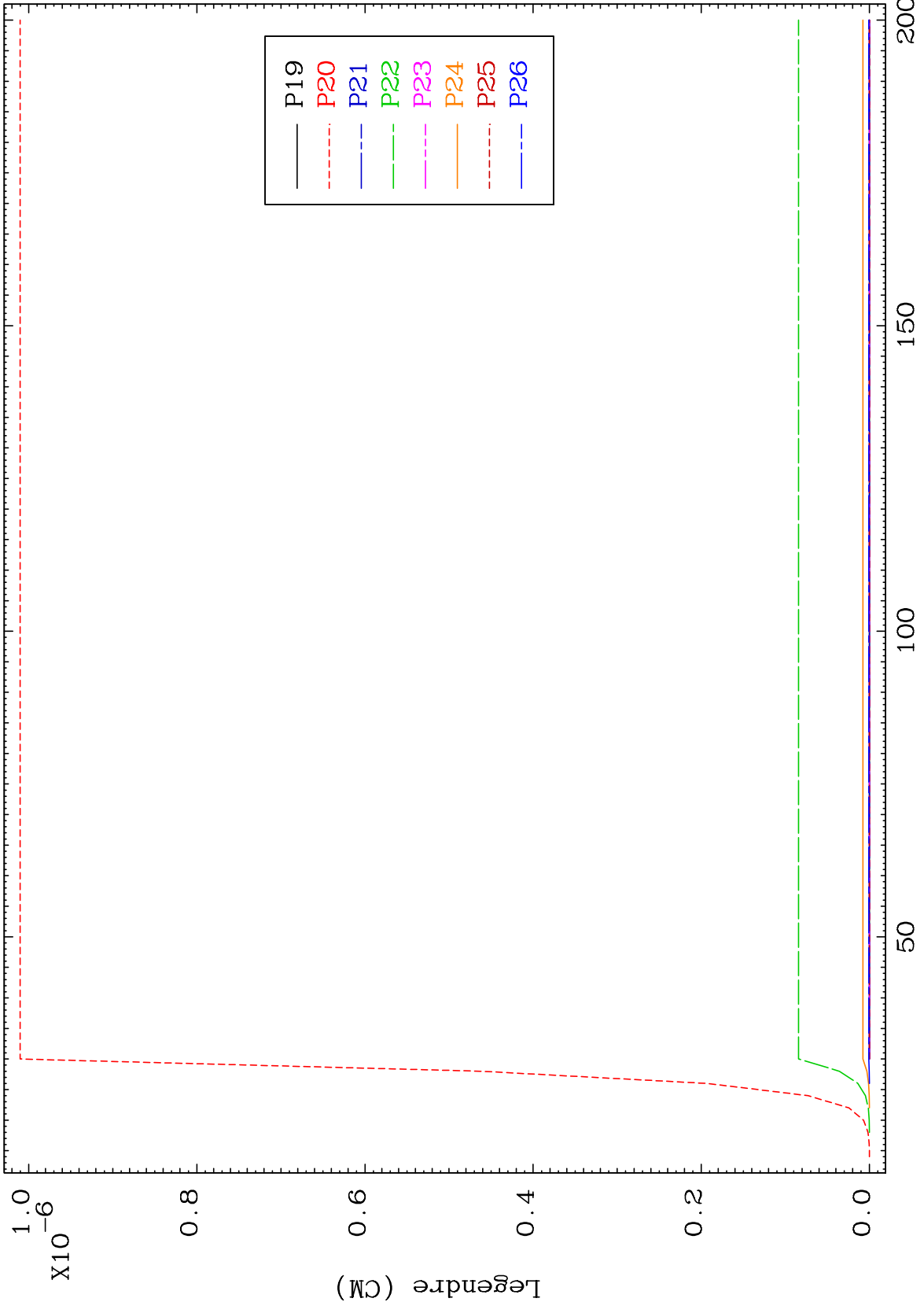


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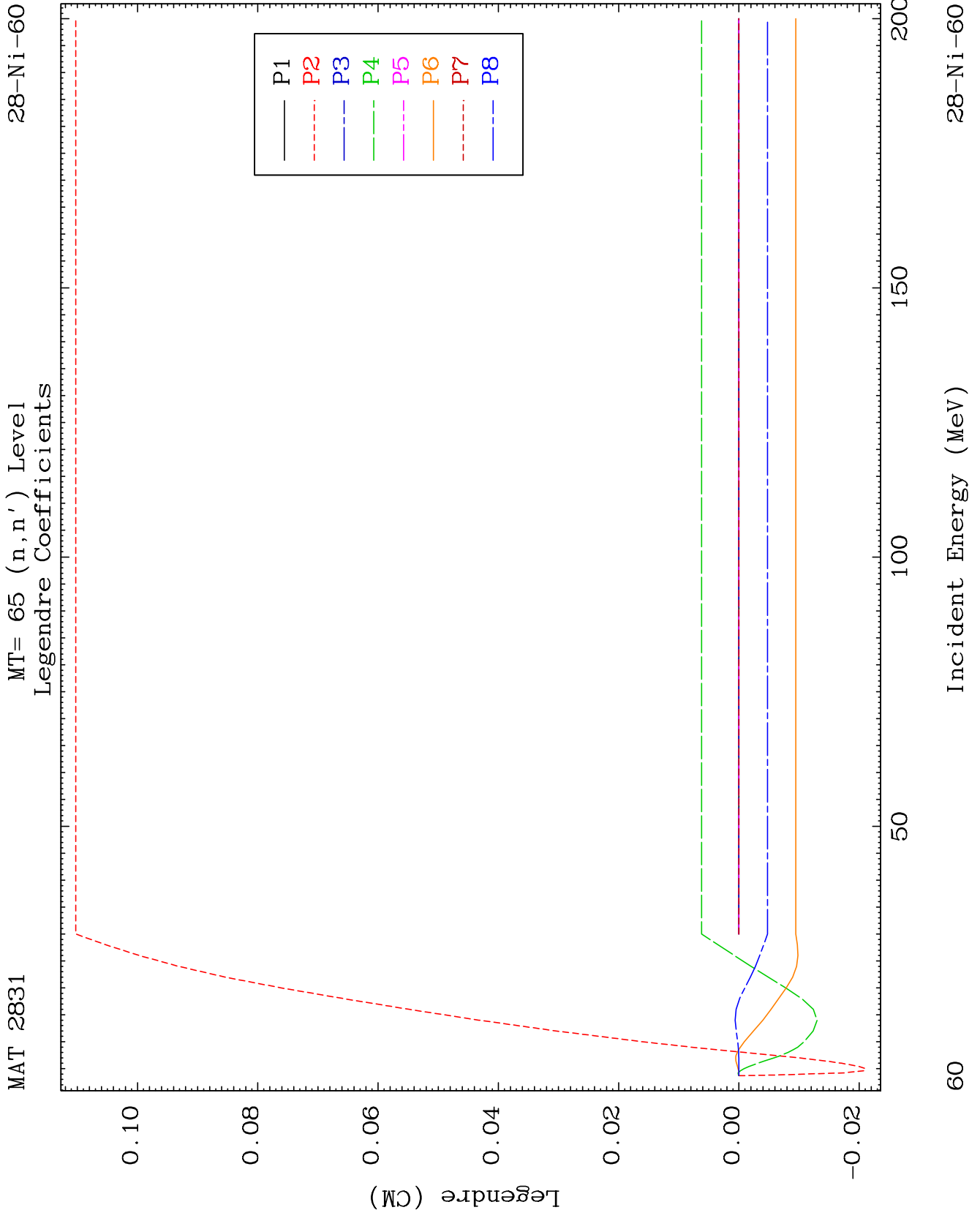
Incident Energy (MeV)

28-Ni-60

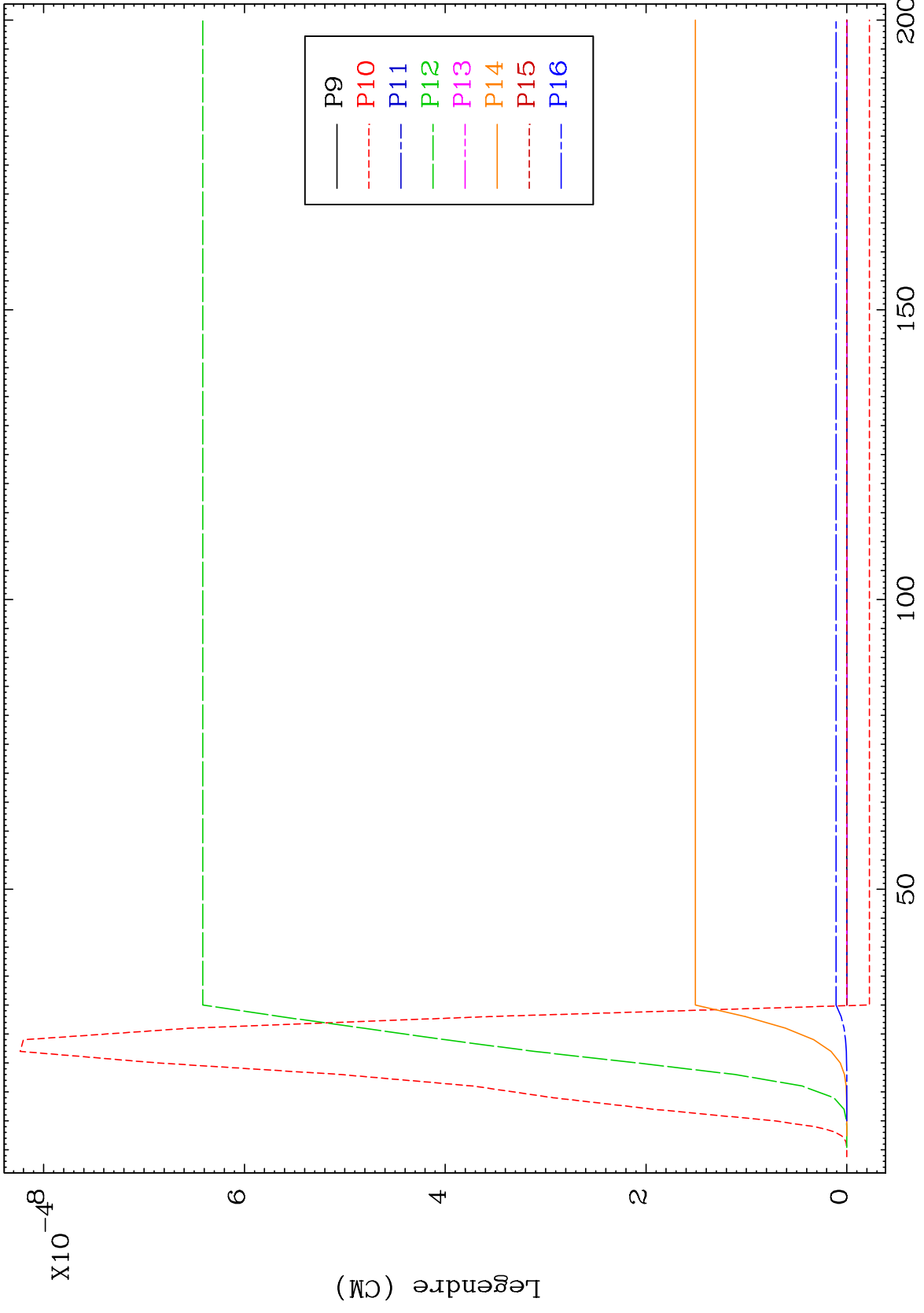
MAT 2831 MT= 64 (n,n') Level Legendre Coefficients 28-Ni-60



59 Incident Energy (MeV) 28-Ni-60

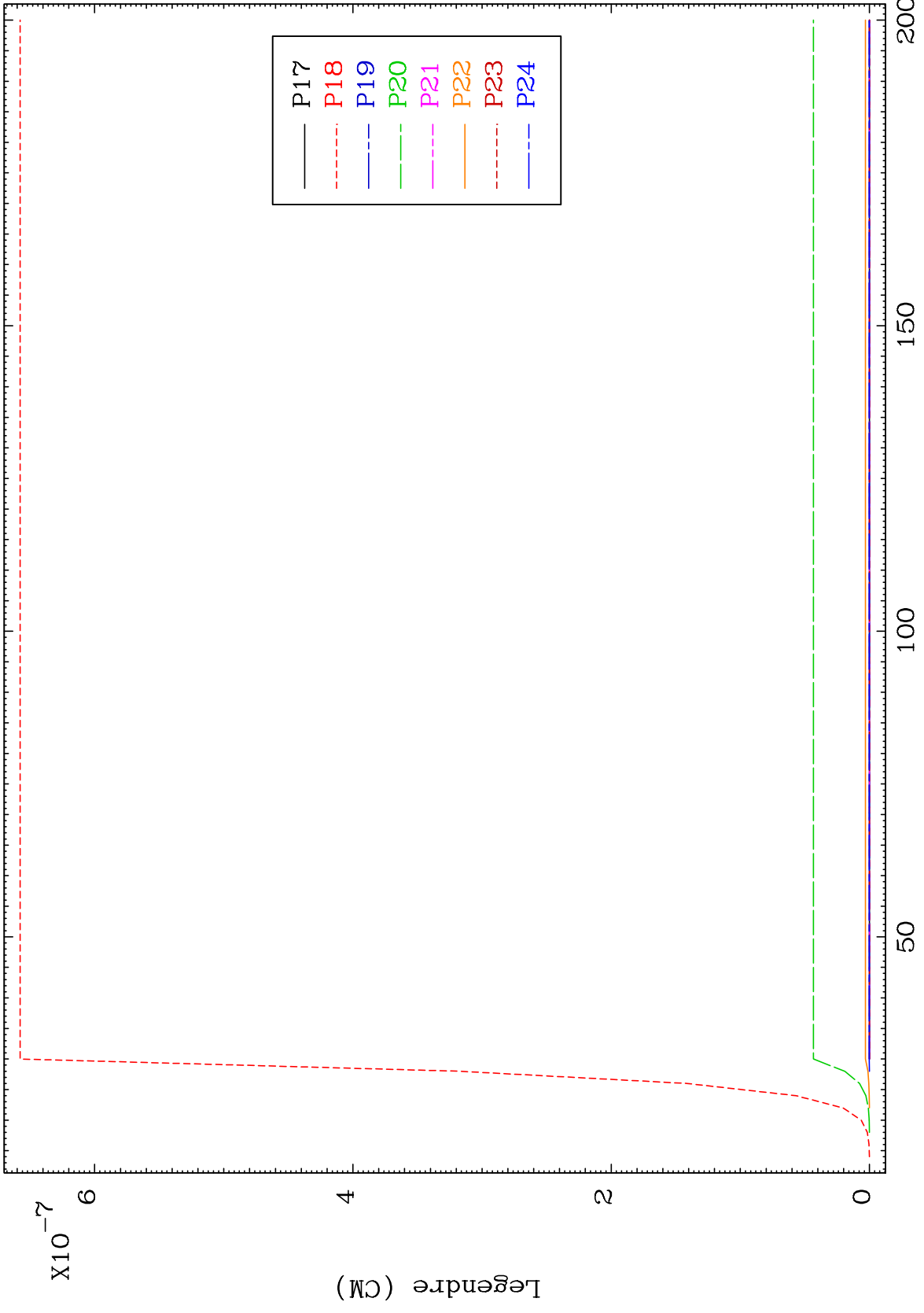


MAT 2831 MT= 65 (n,n') Level Legendre Coefficients 28-Ni-60



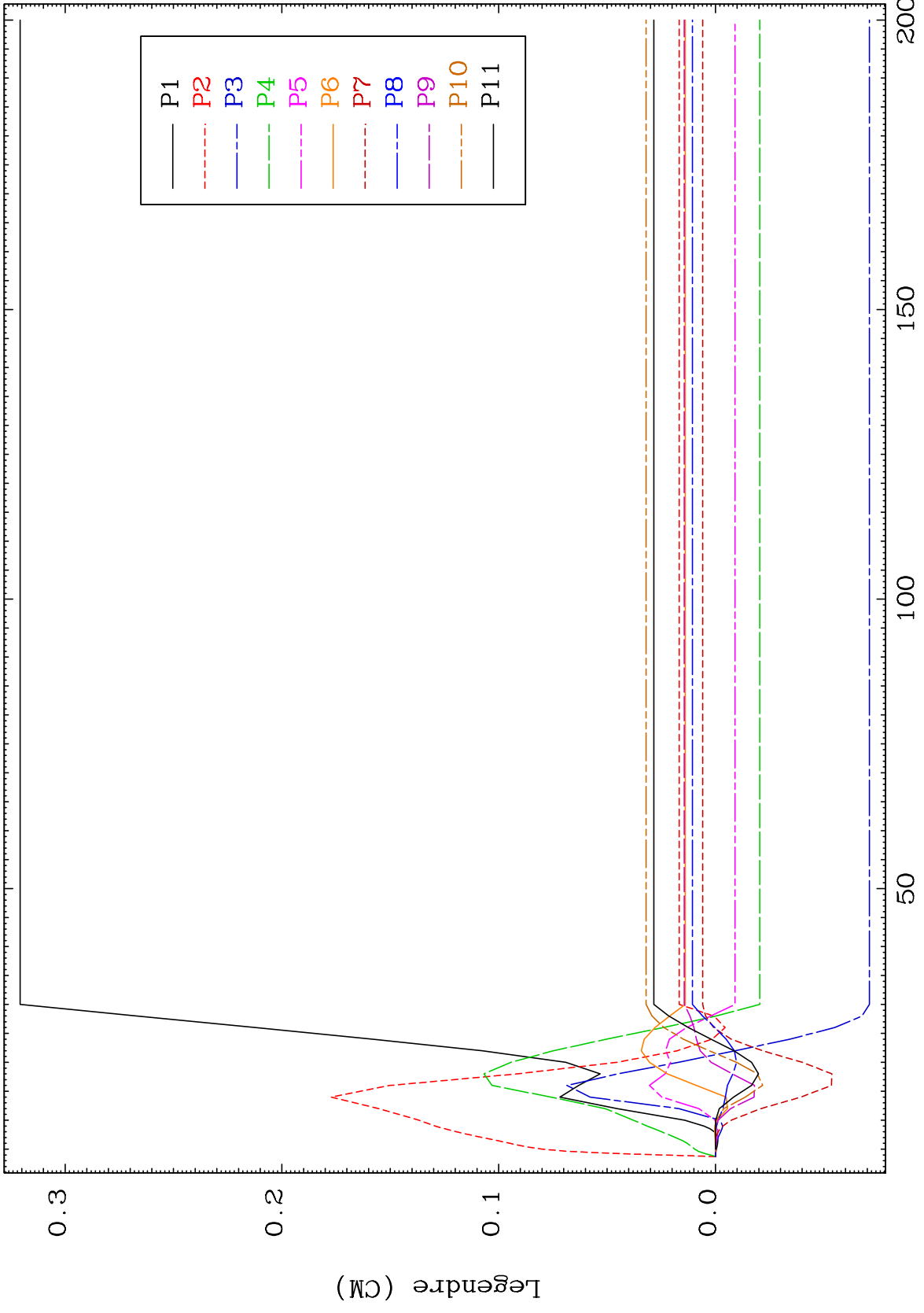
61 28-Ni-60

MAT 2831 MT= 65 (n,n') Level Legendre Coefficients 28-Ni-60



62 28-Ni-60

MAT 2831 MT= 66 (n,n') Level Legendre Coefficients 28-Ni-60

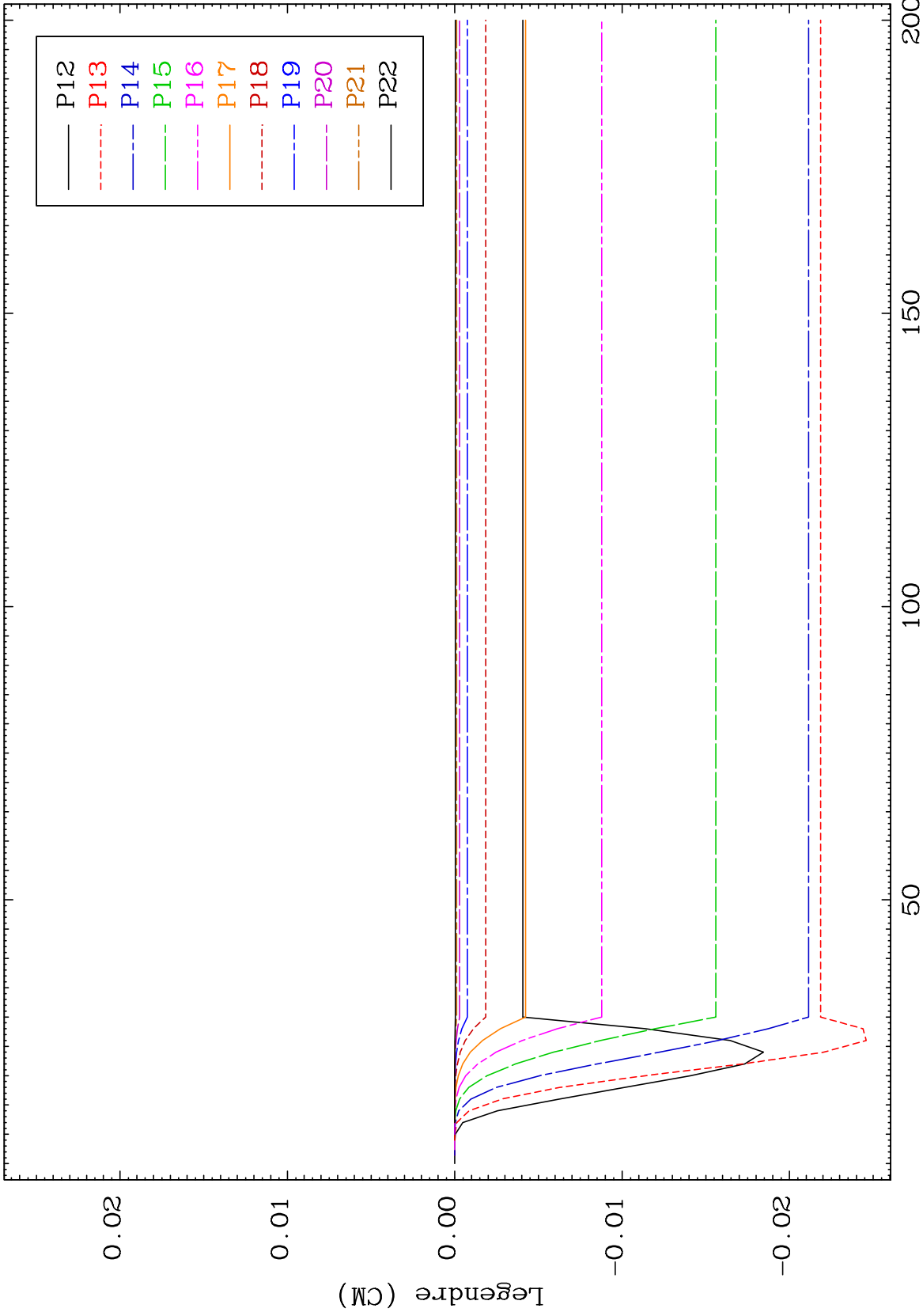


63 Incident Energy (MeV) 28-Ni-60

MAT 2831

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

28-Ni-60



64

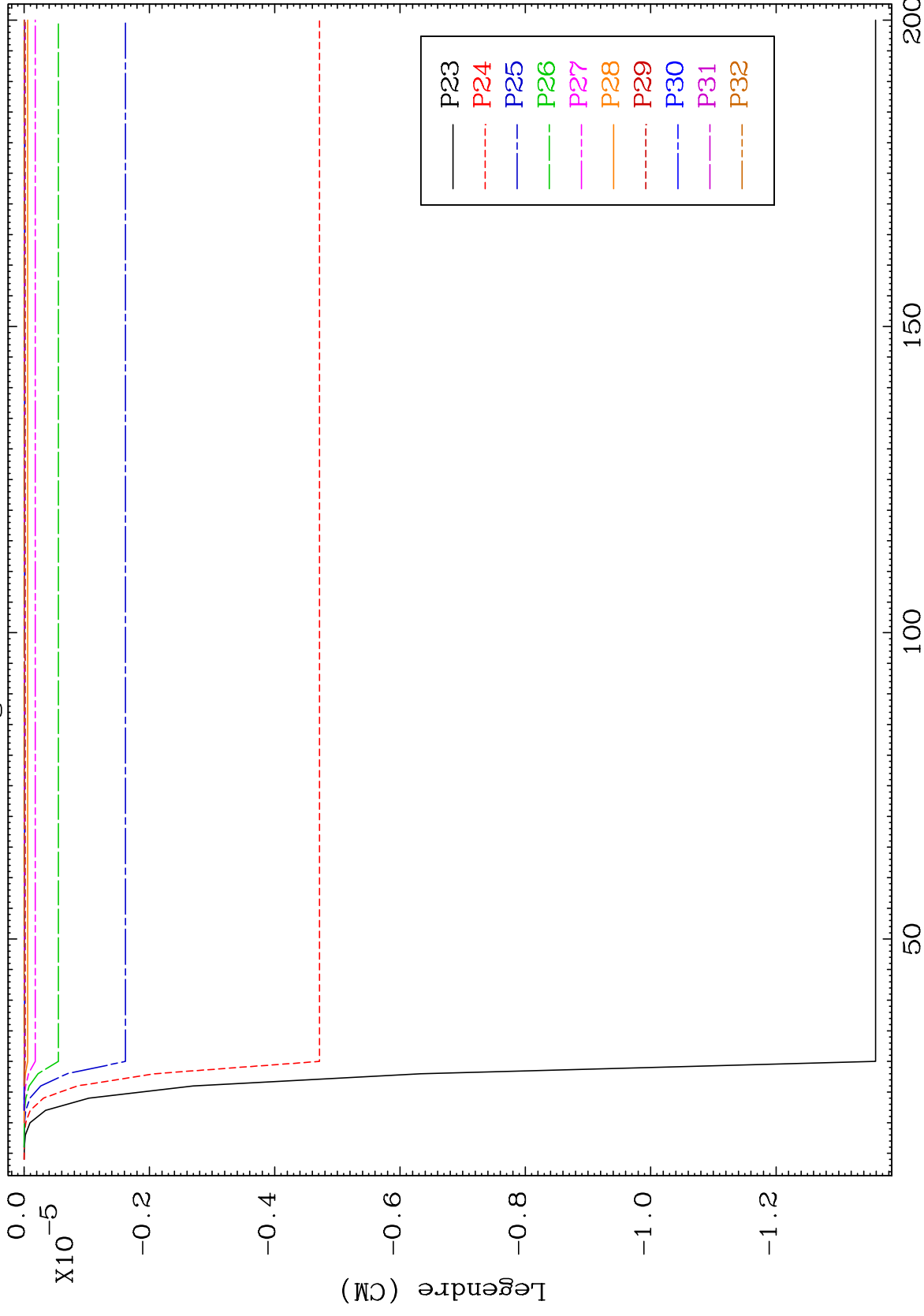
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

28-Ni-60



28-Ni-60

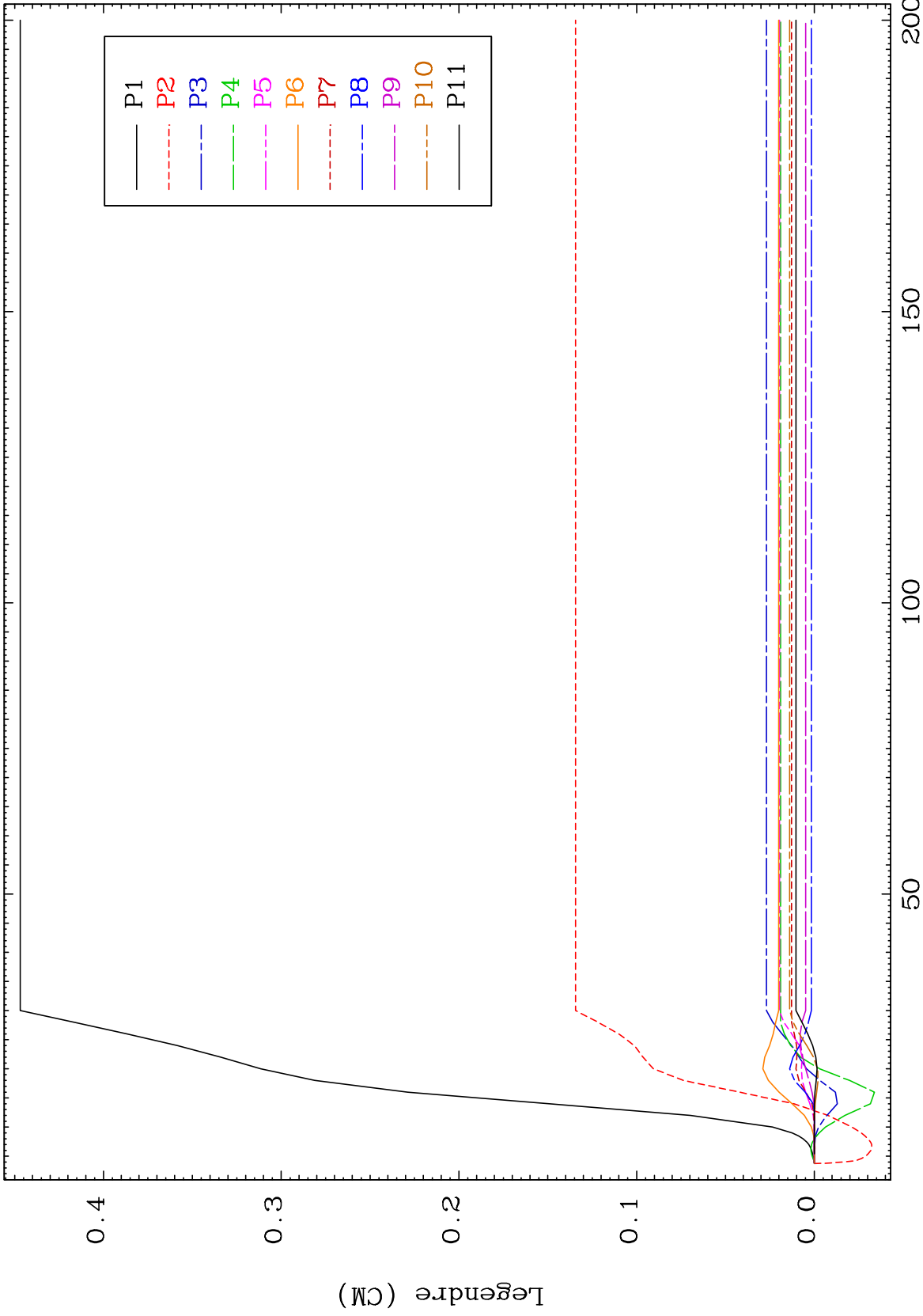
Incident Energy (MeV)

65

MAT 2831

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

28-Ni-60



66

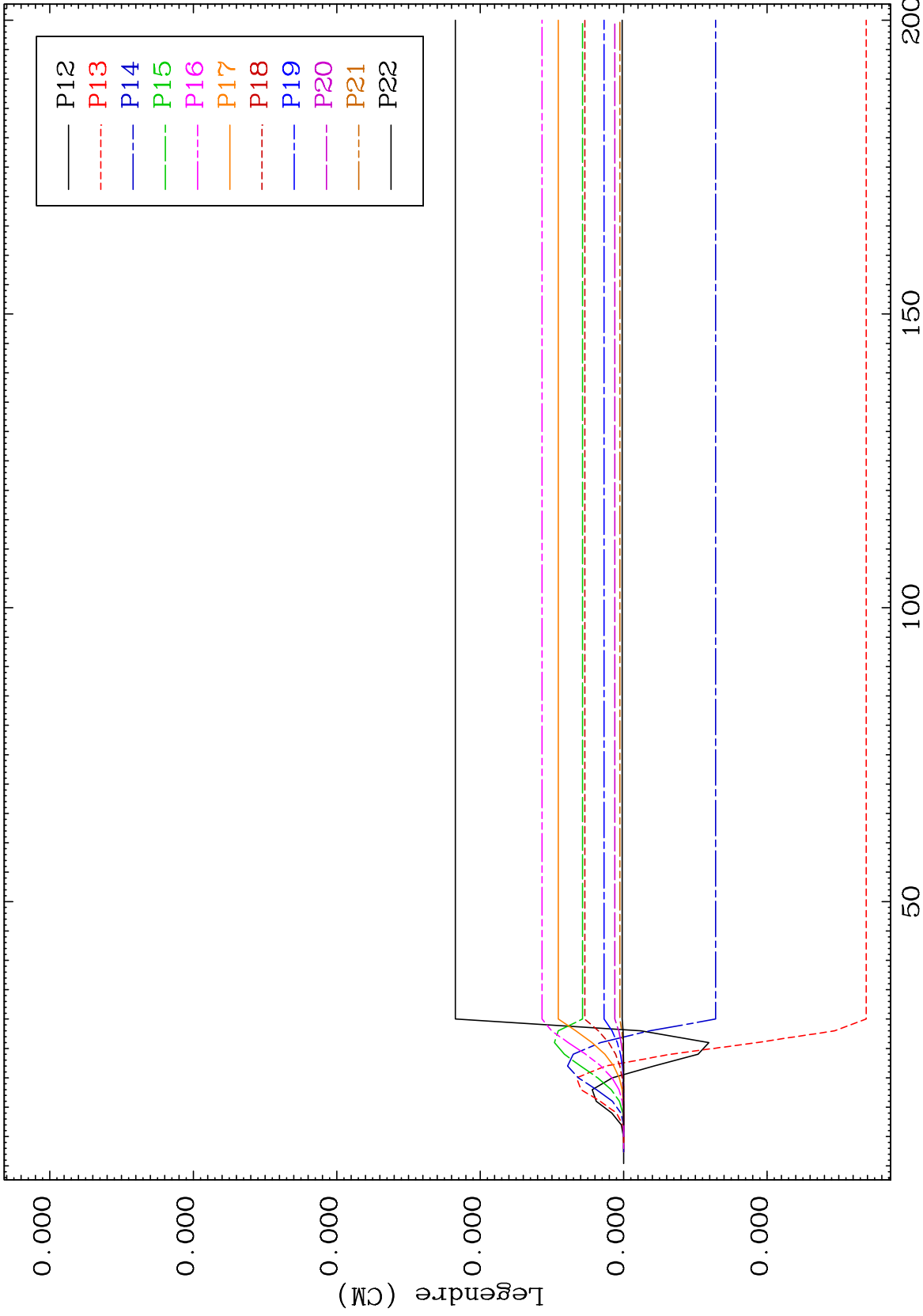
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

28-Ni-60



67

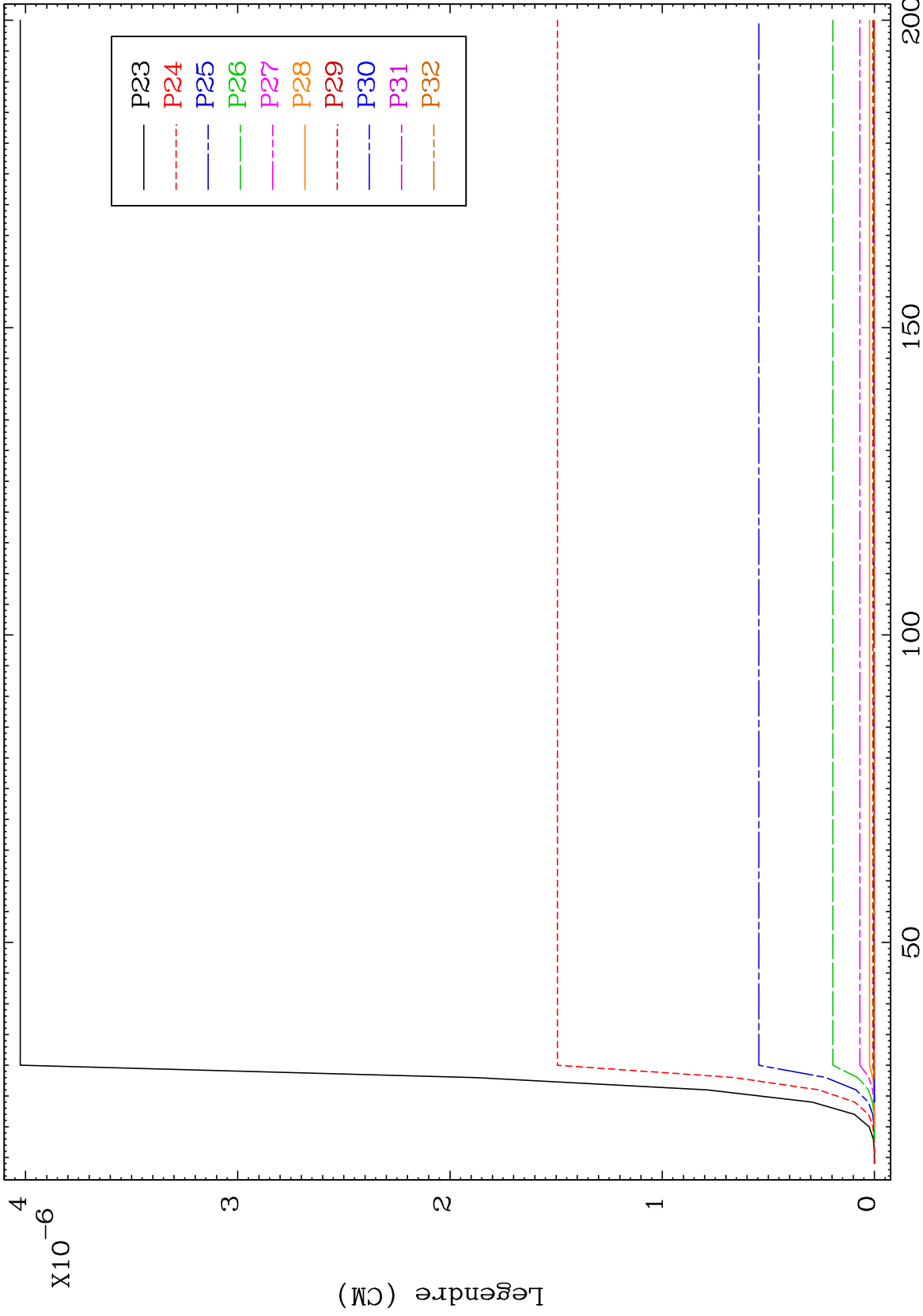
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

28-Ni-60



68

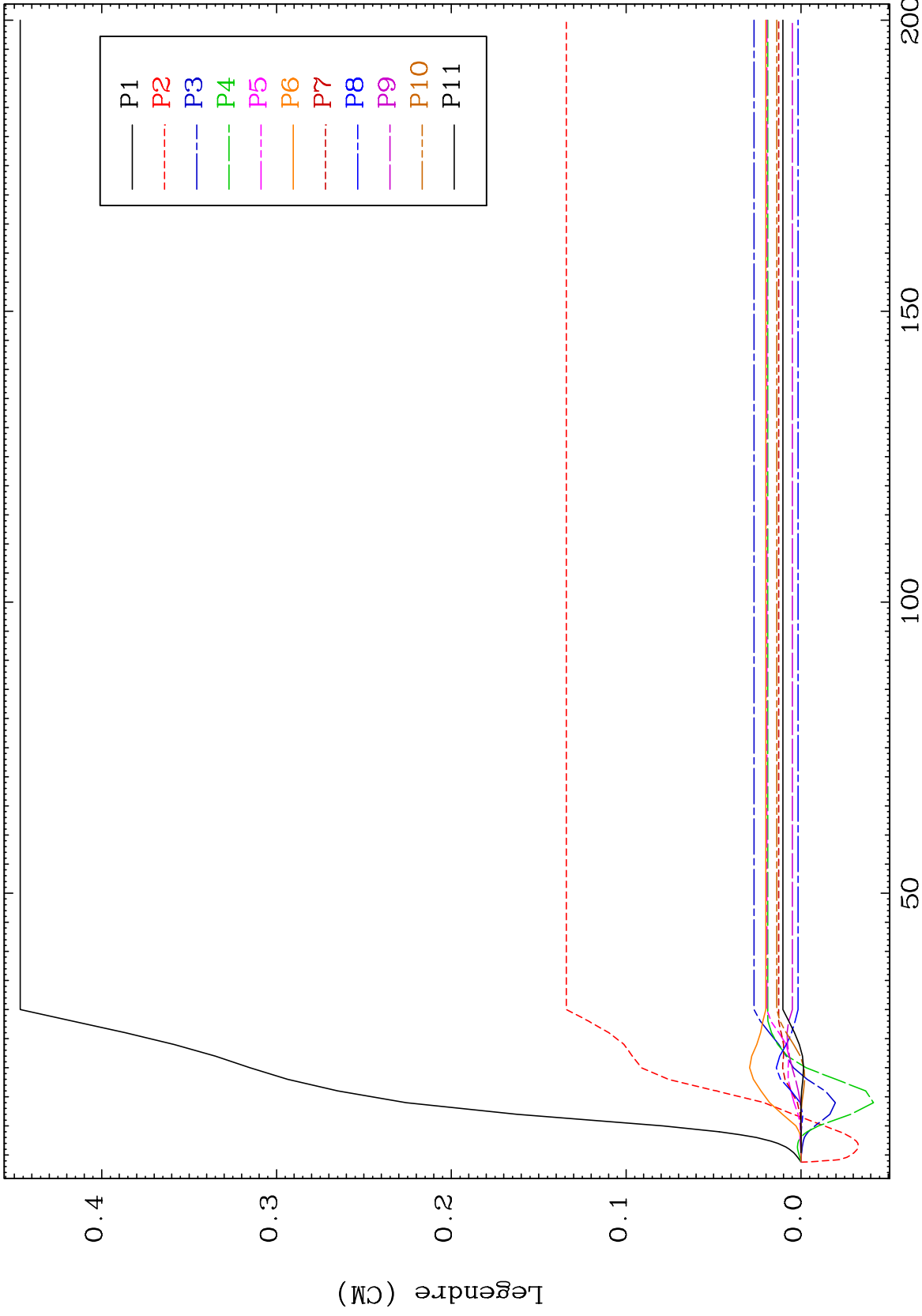
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

28-Ni-60



69

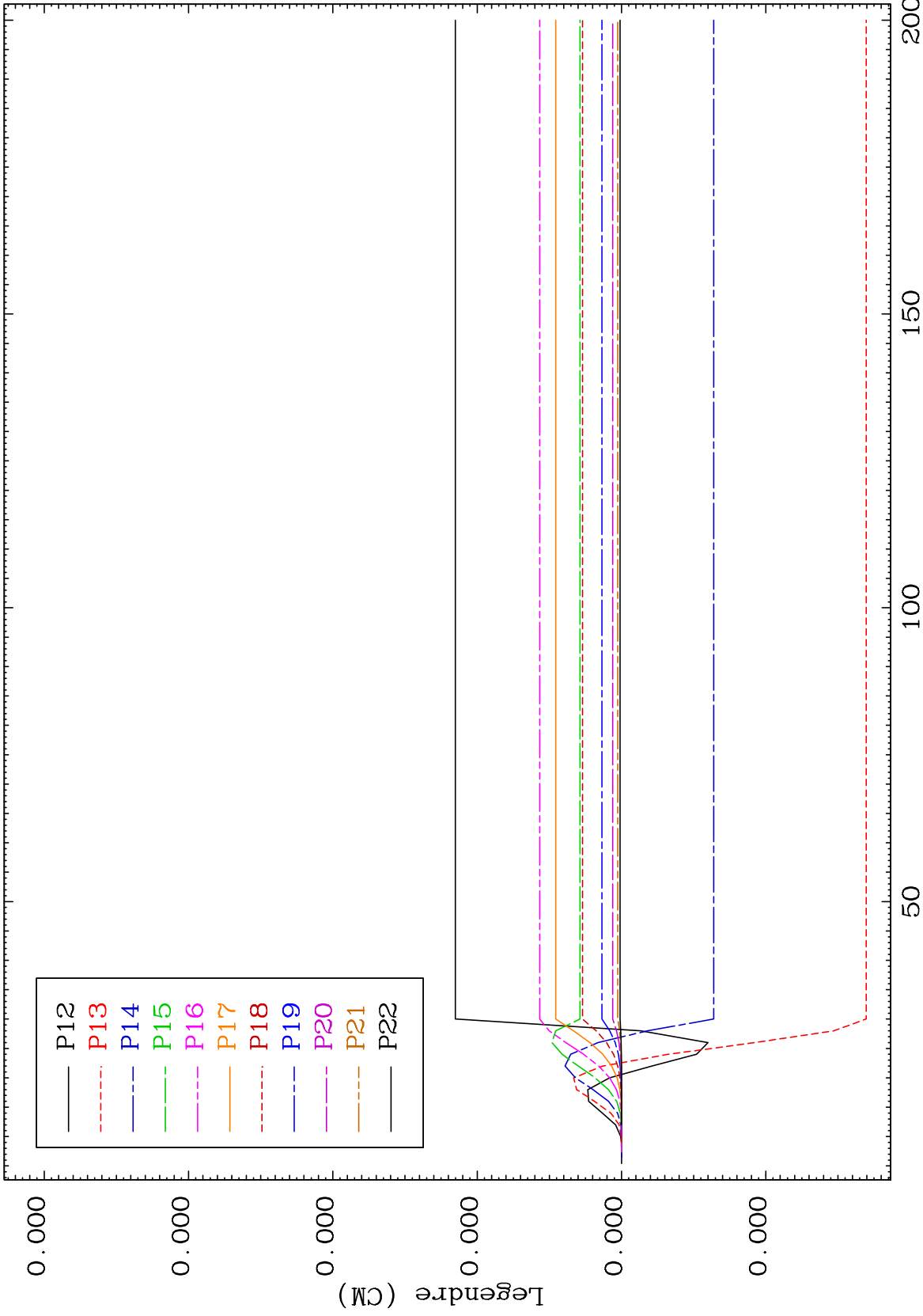
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

28-Ni-60



70

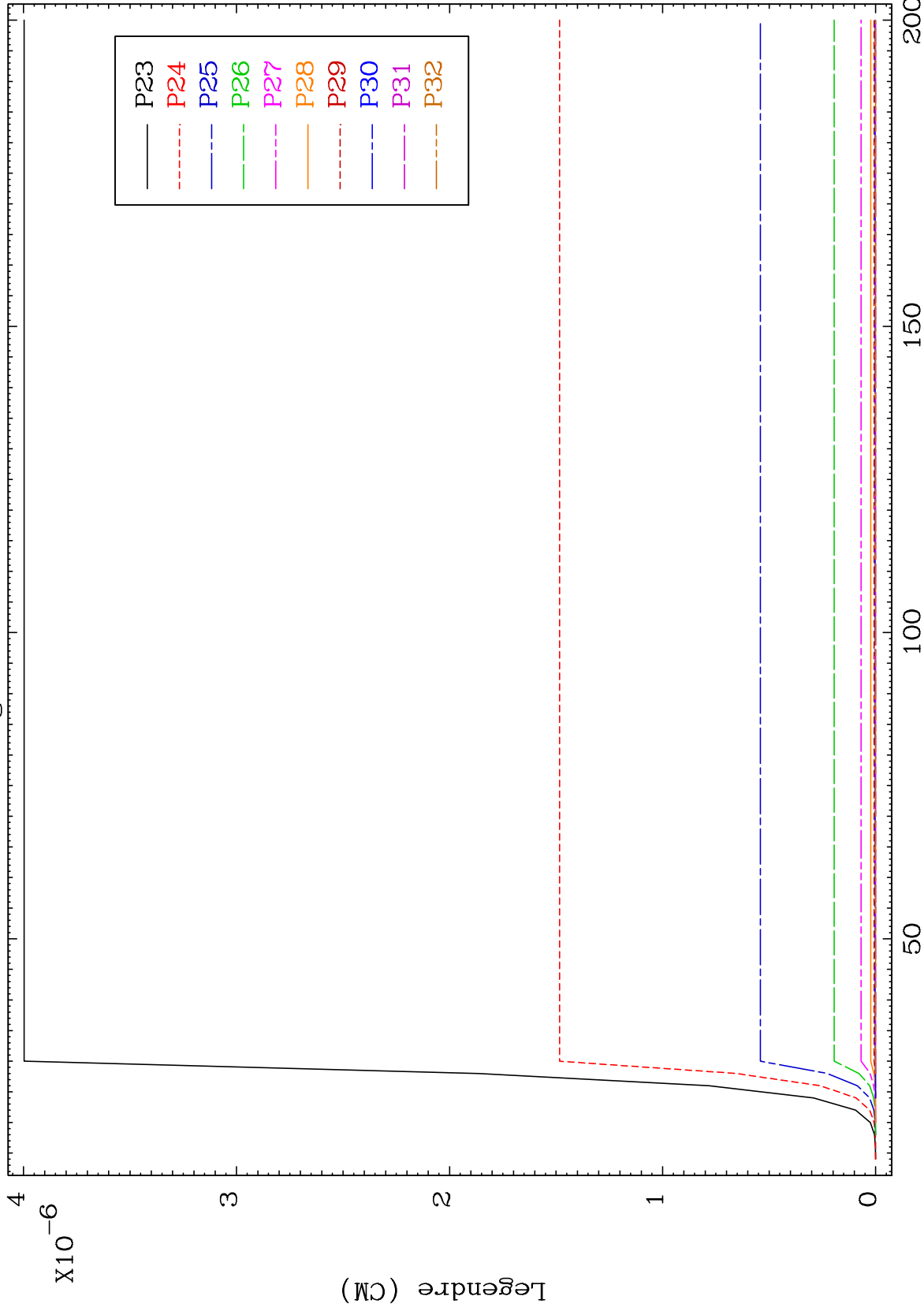
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

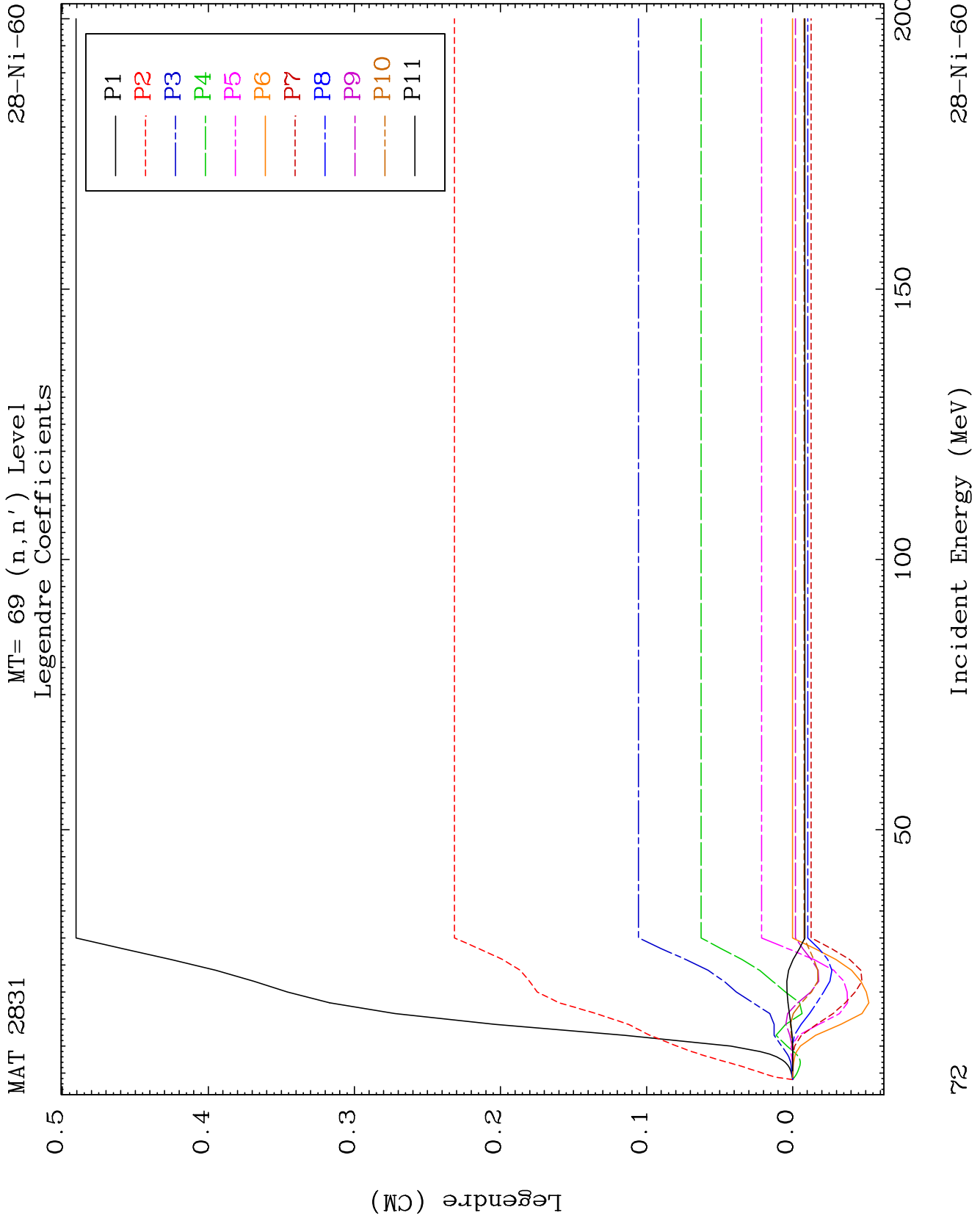
28-Ni-60



71

Incident Energy (MeV)

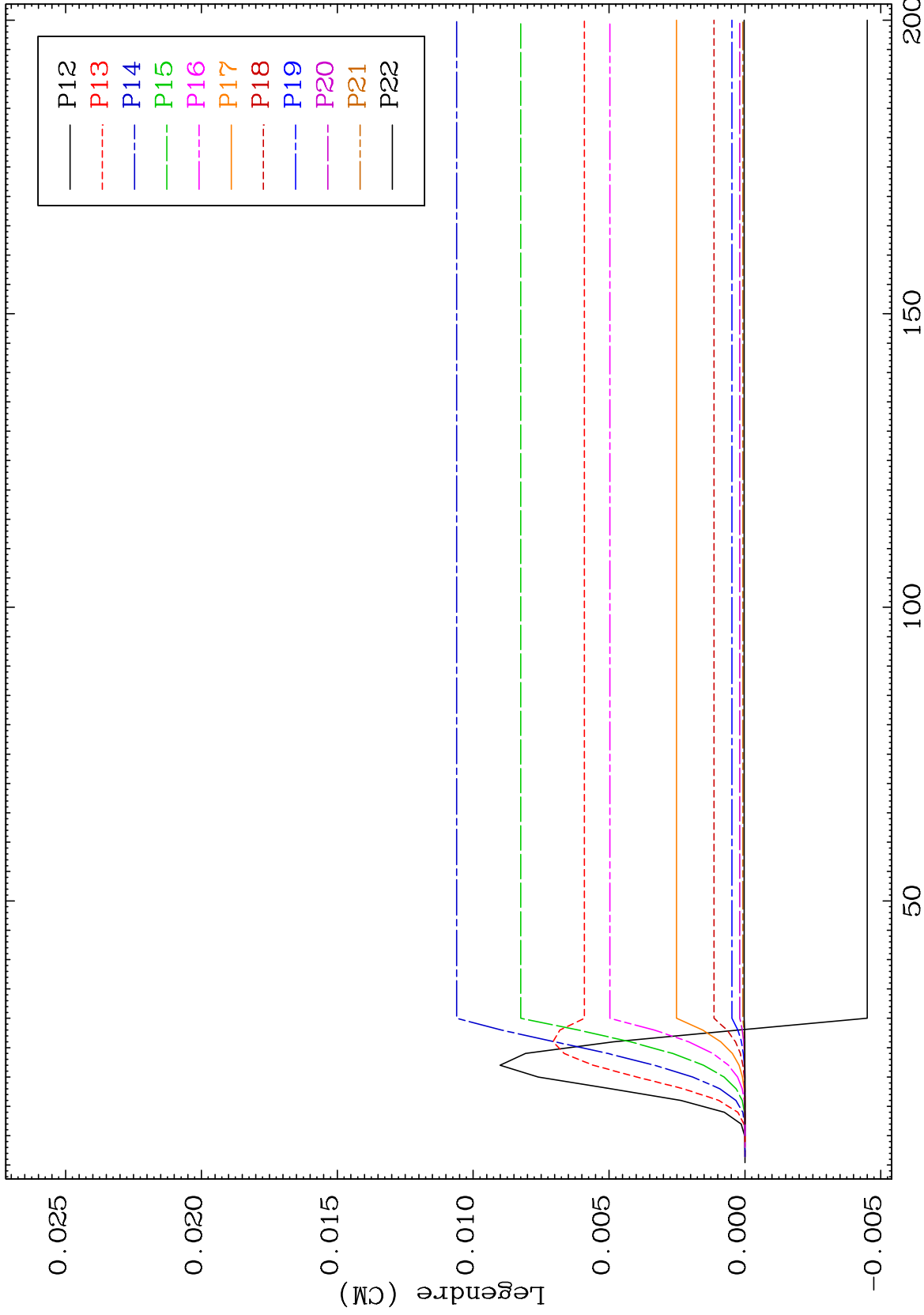
28-Ni-60



MAT 2831

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

28-Ni-60



73

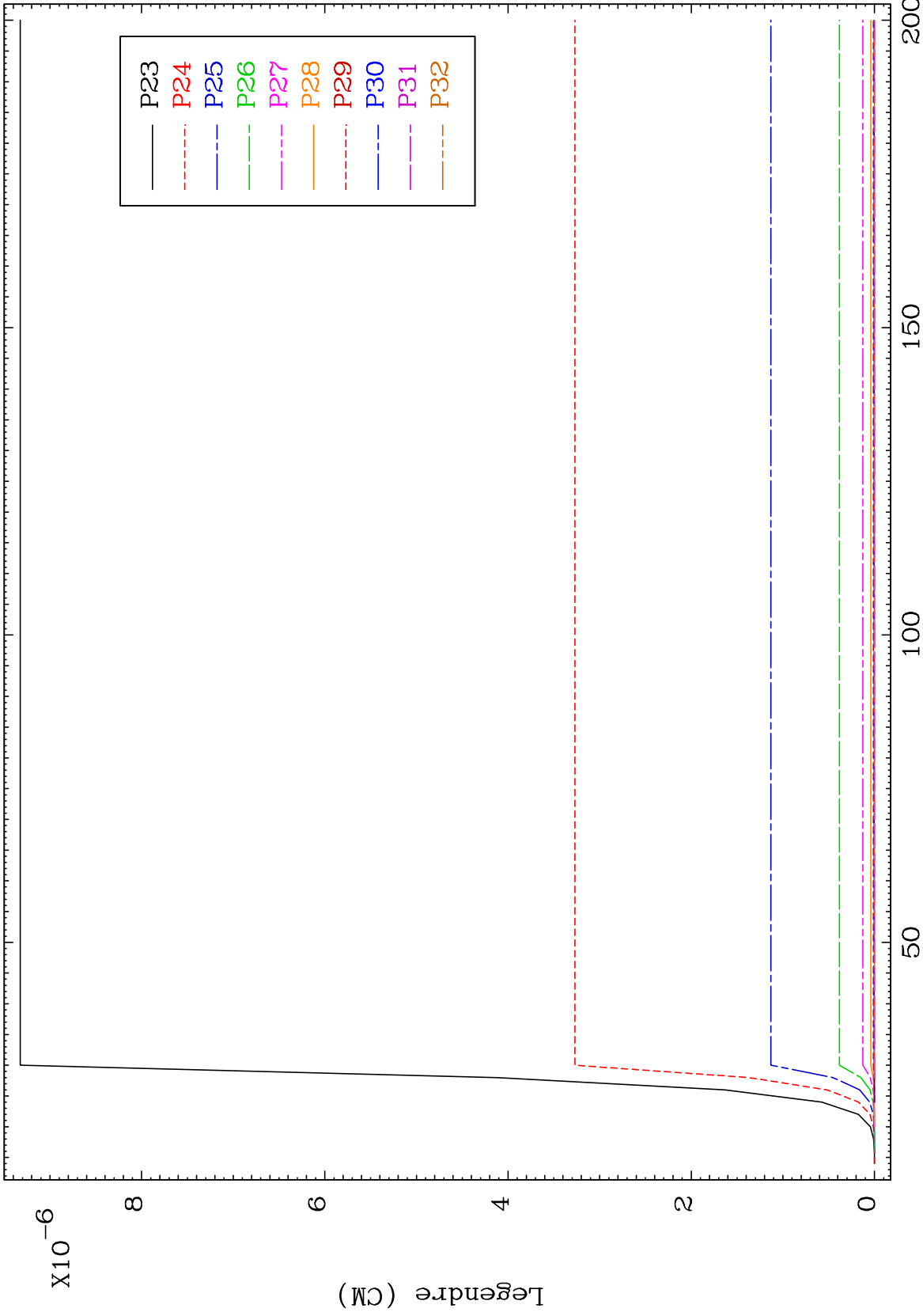
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

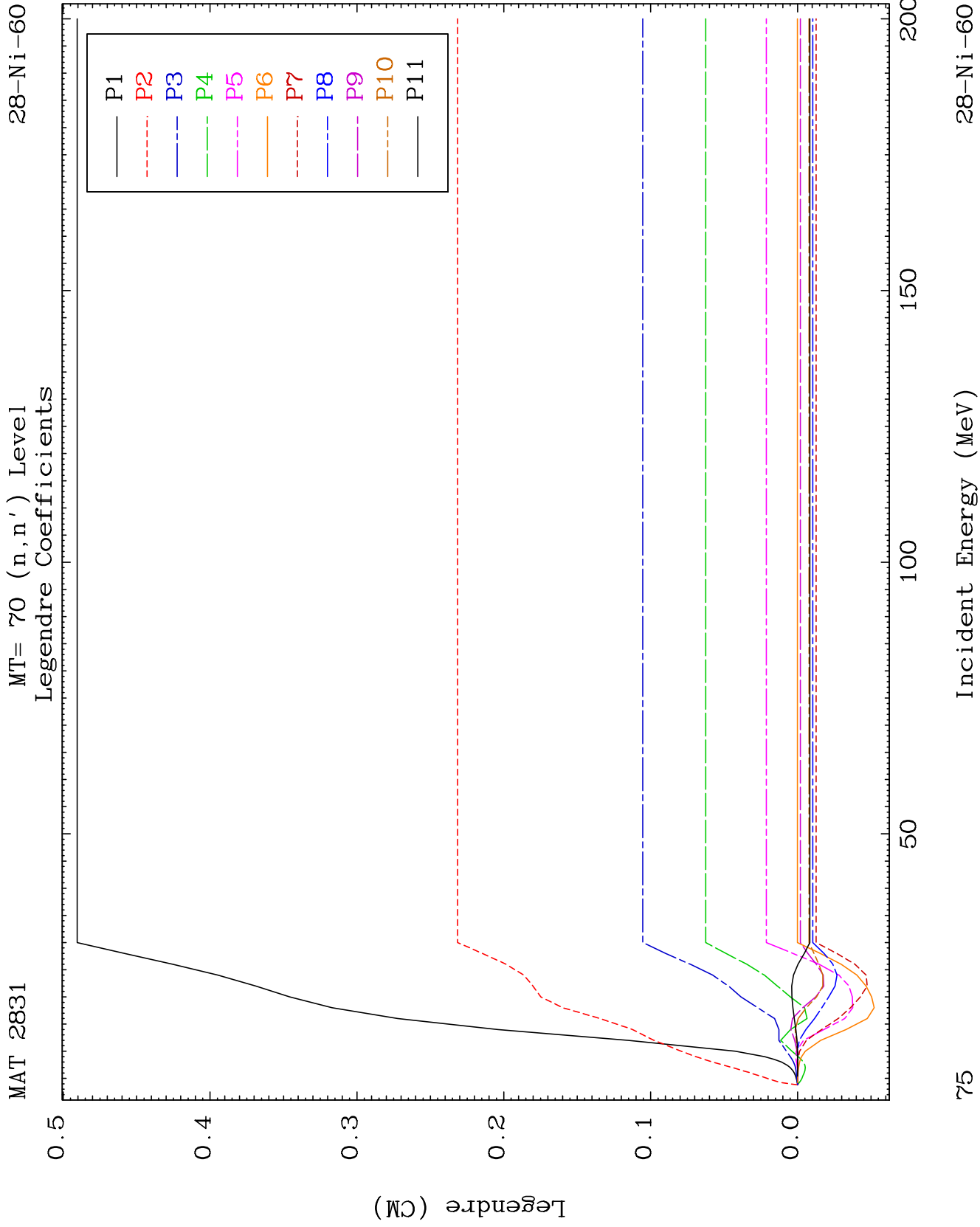
28-Ni-60



74

Incident Energy (MeV)

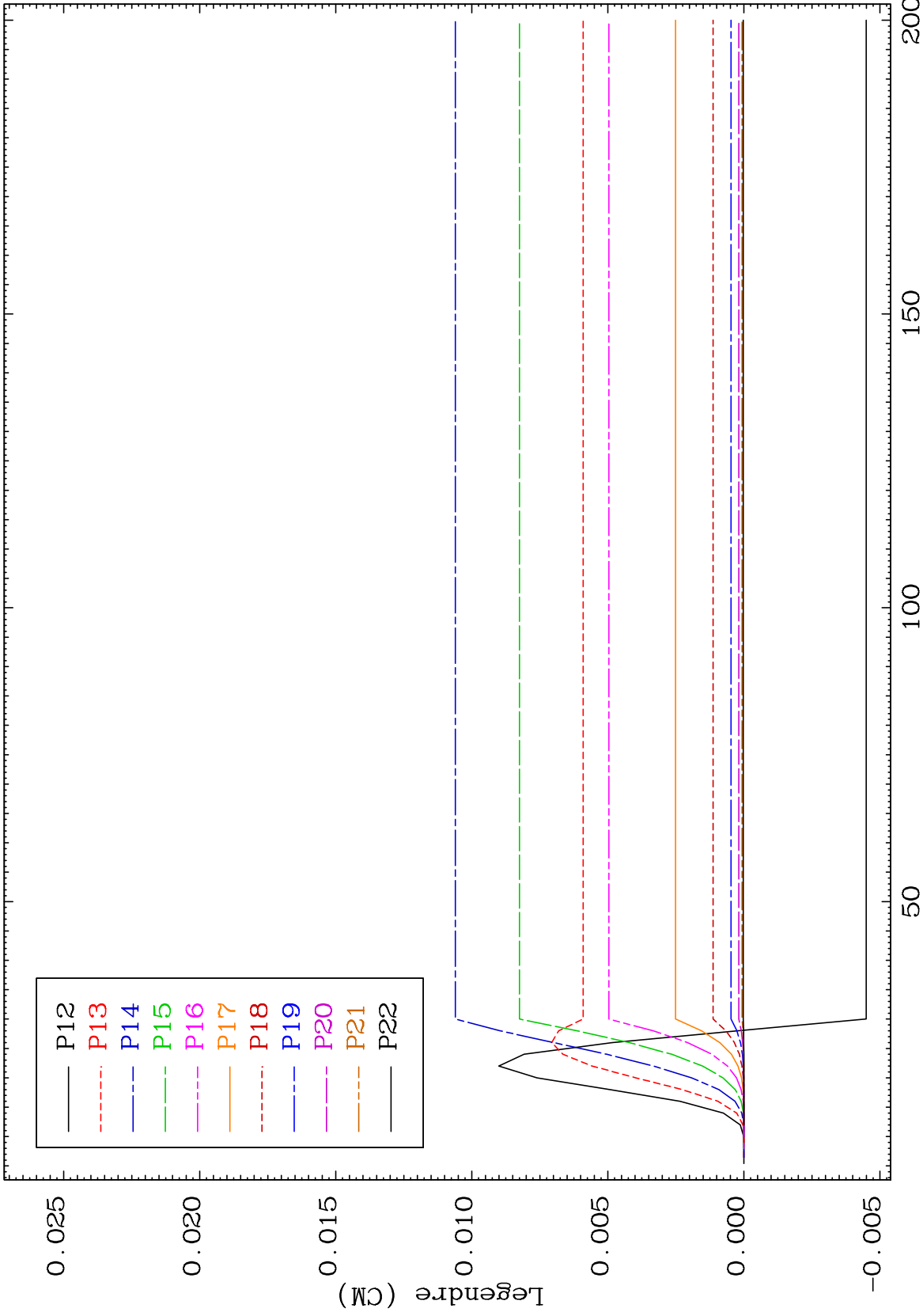
28-Ni-60



MAT 2831

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

28-Ni-60



76

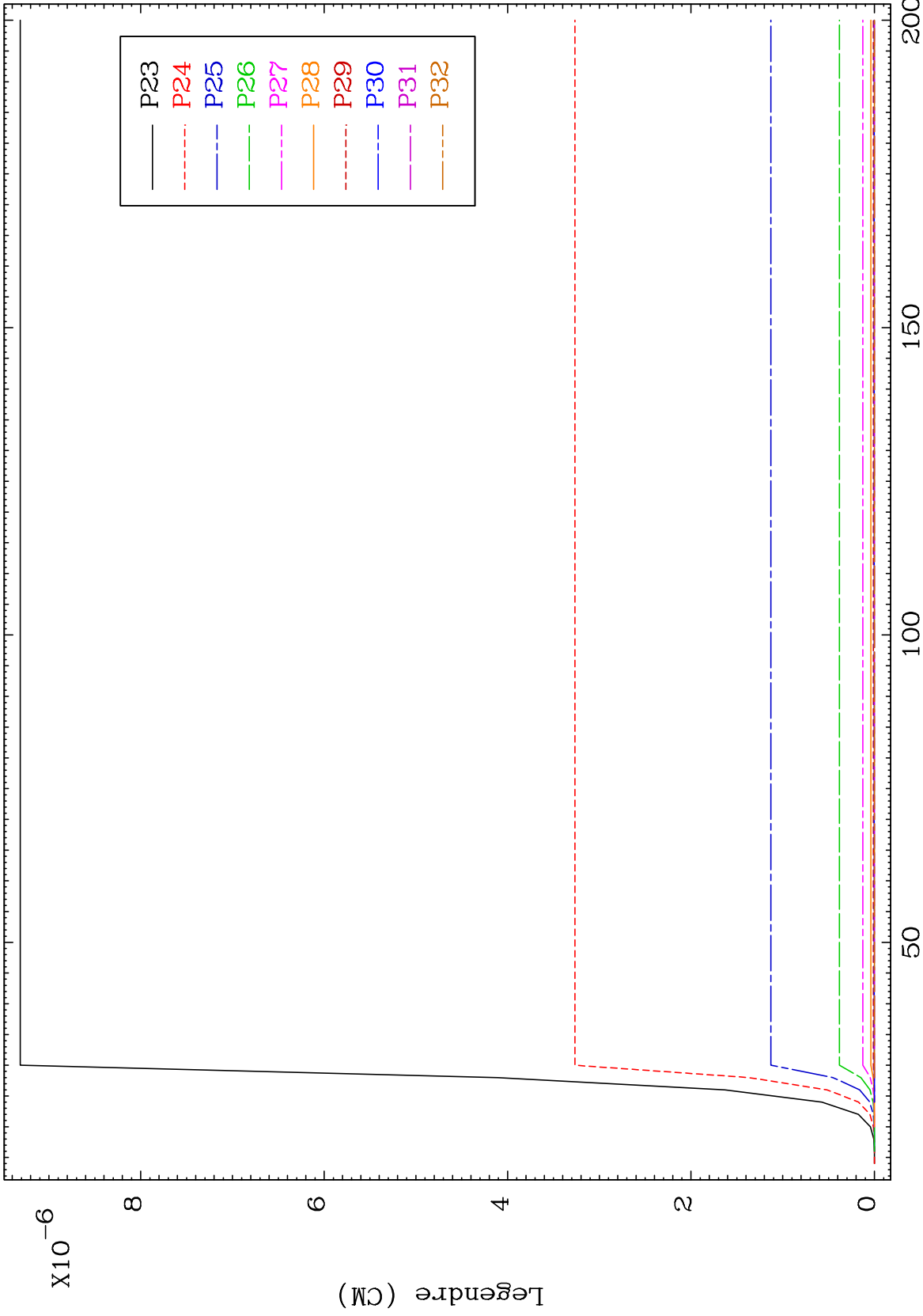
Incident Energy (MeV)

28-Ni-60

MAT 2831

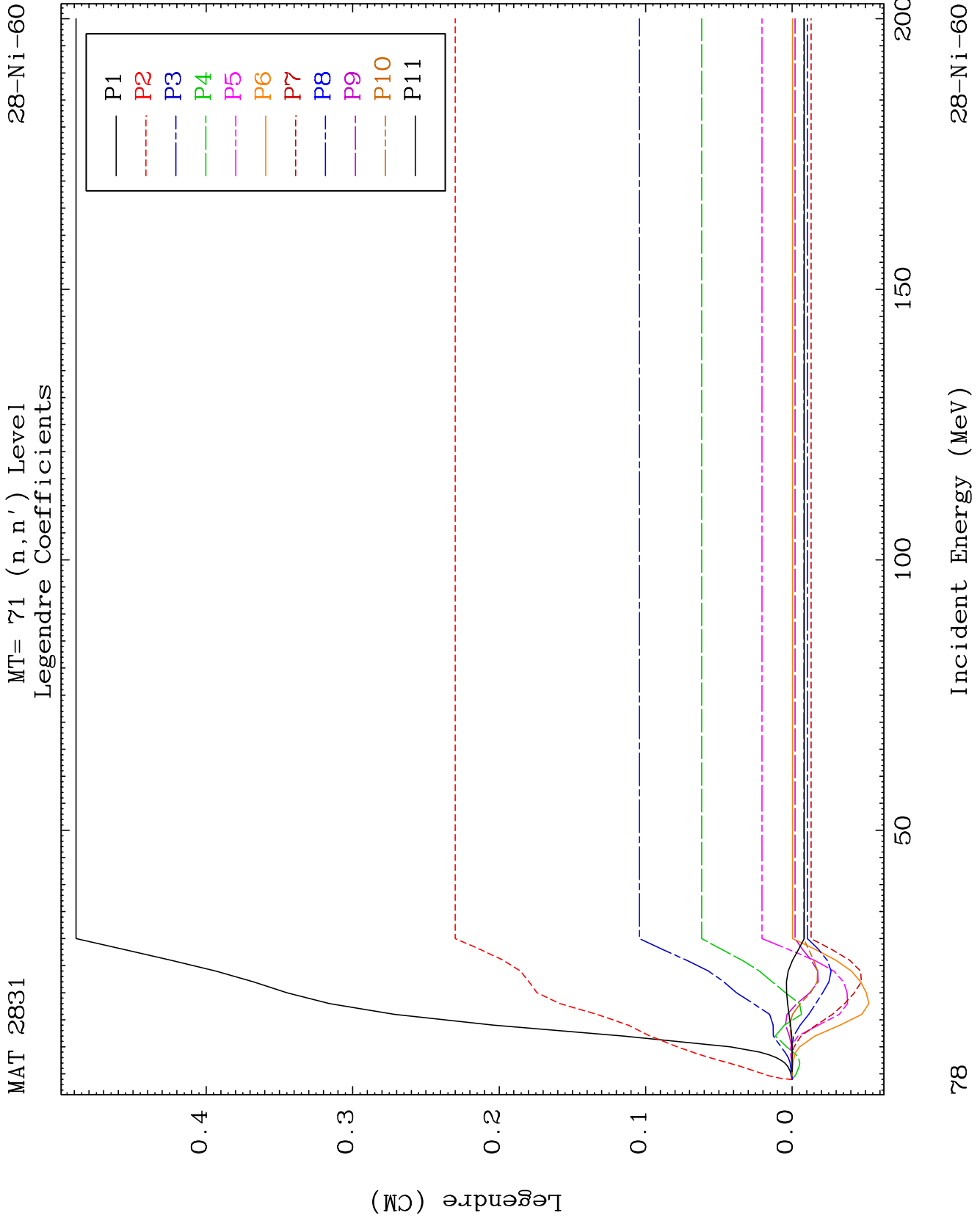
MT= 70 (n,n') Level
Legendre Coefficients

28-Ni-60



77

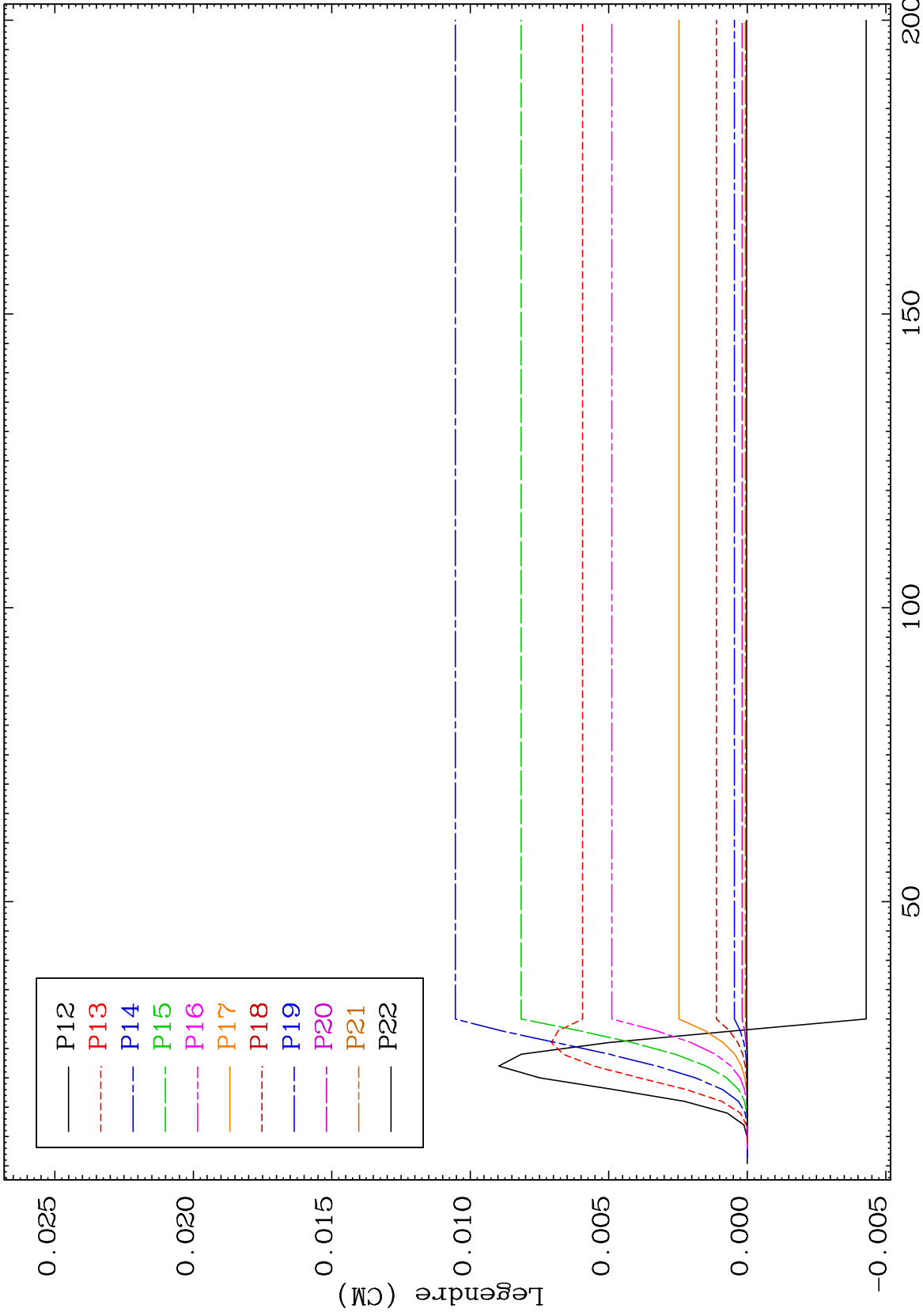
28-Ni-60



MAT 2831

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

28-Ni-60



79

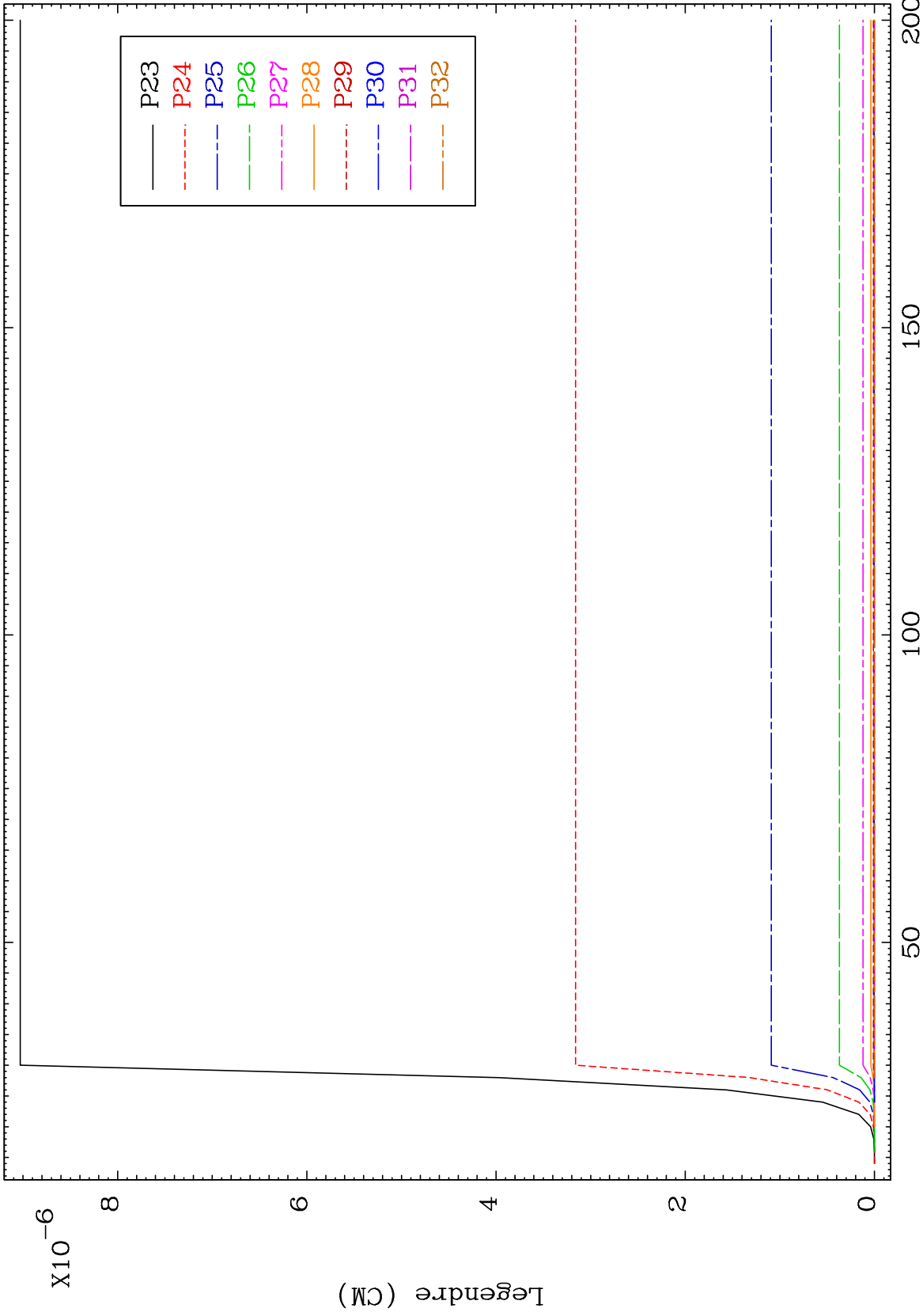
Incident Energy (MeV)

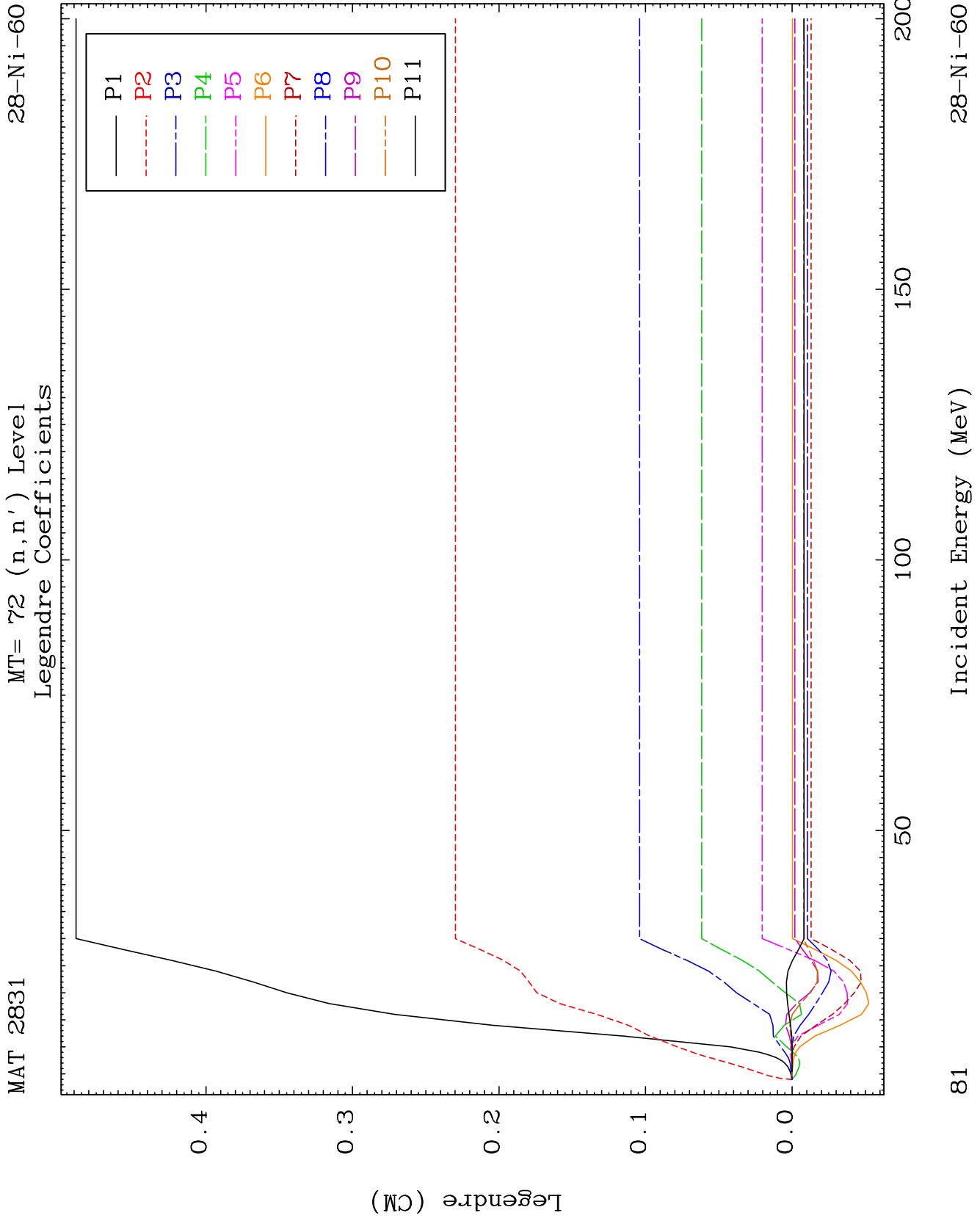
28-Ni-60

MAT 2831

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

28-Ni-60

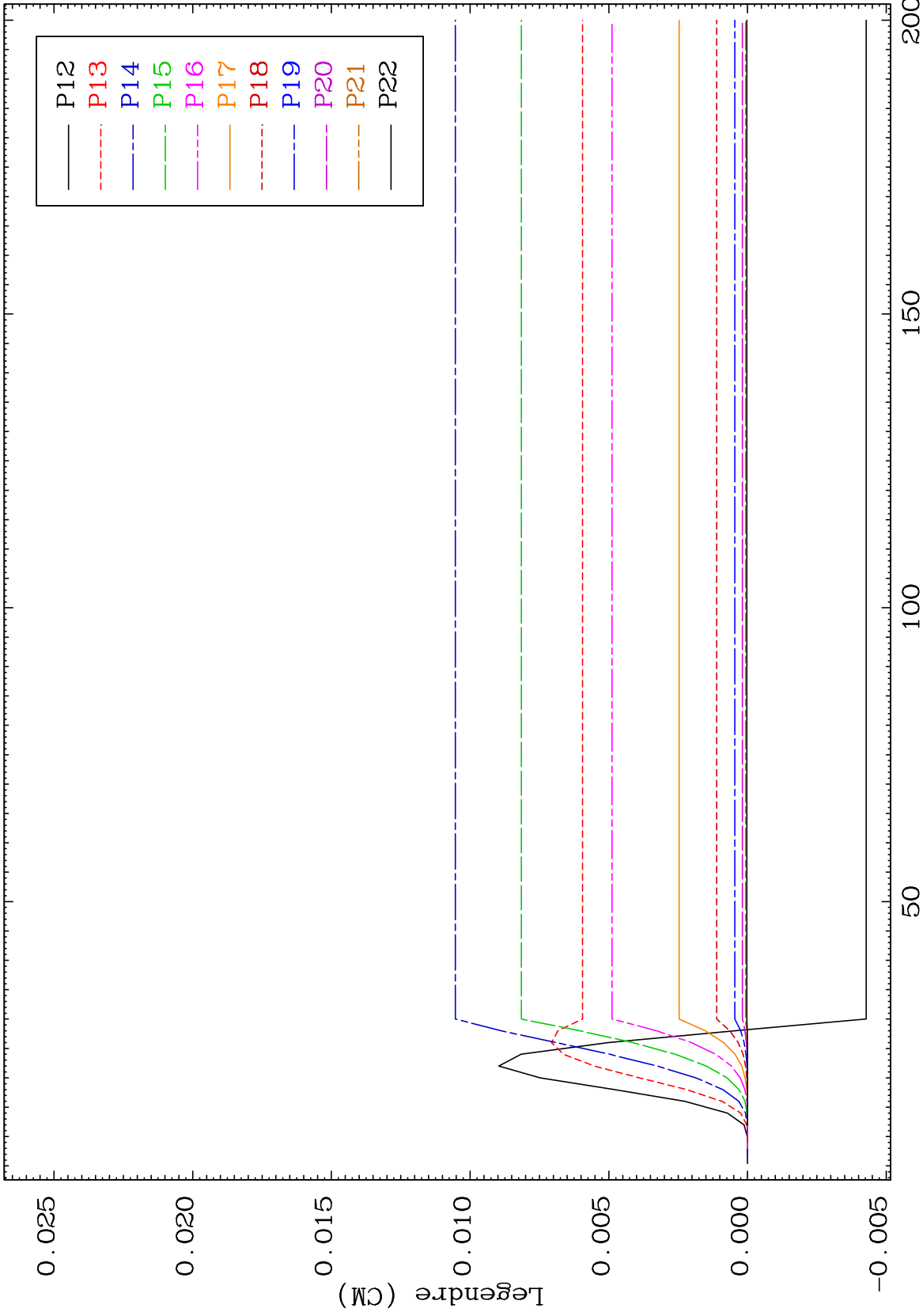




MAT 2831

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

28-Ni-60



82

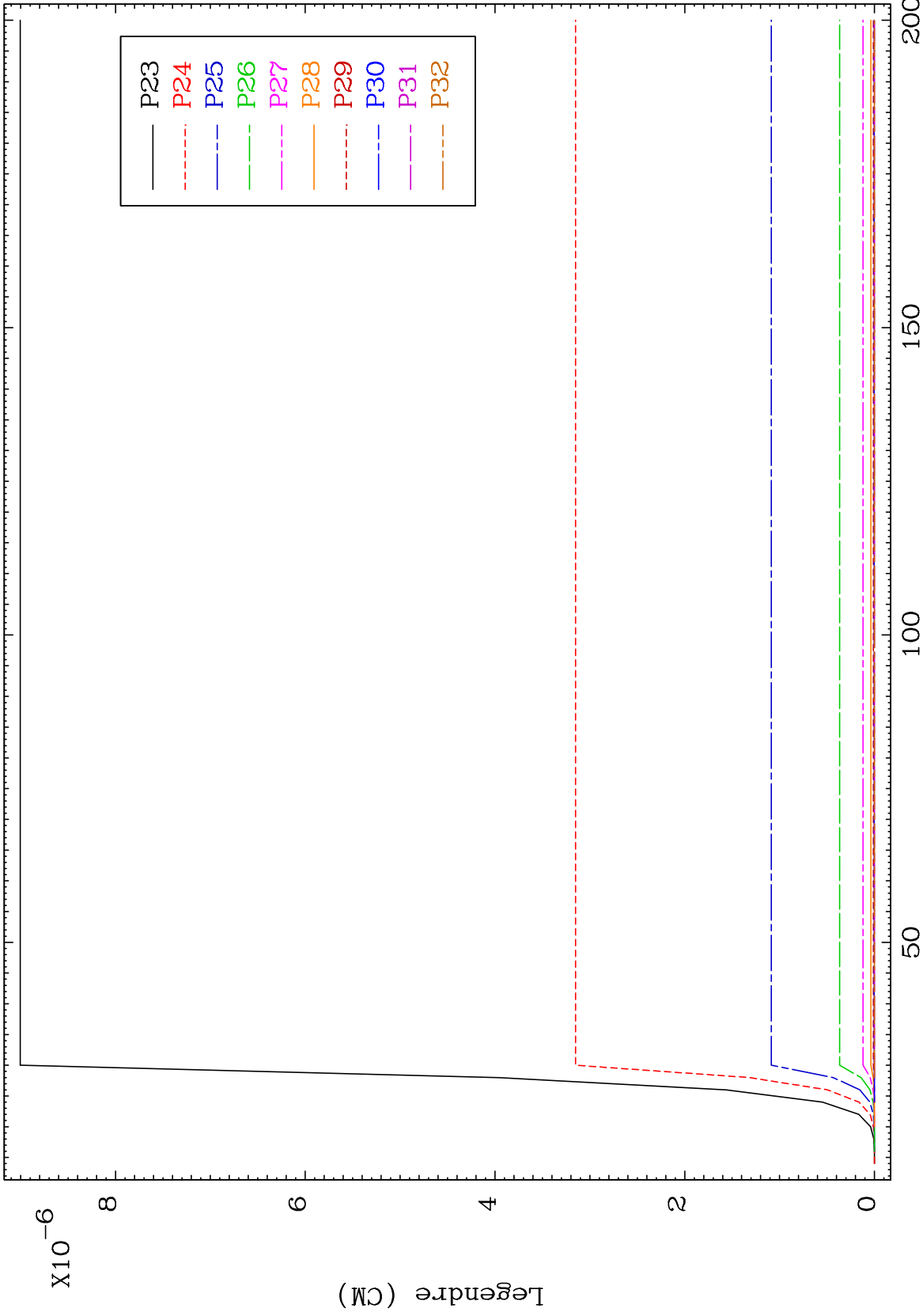
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

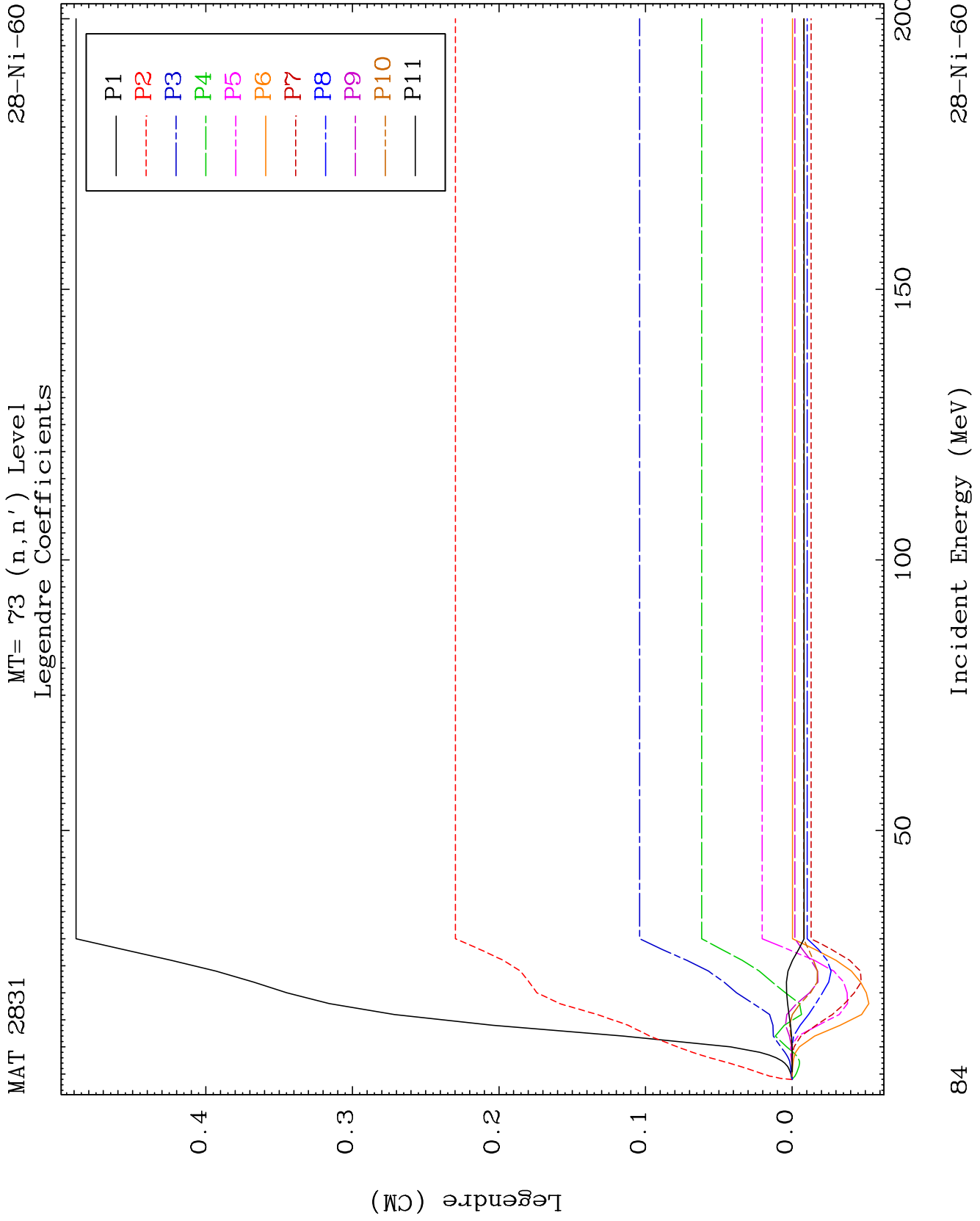
28-Ni-60



83

Incident Energy (MeV)

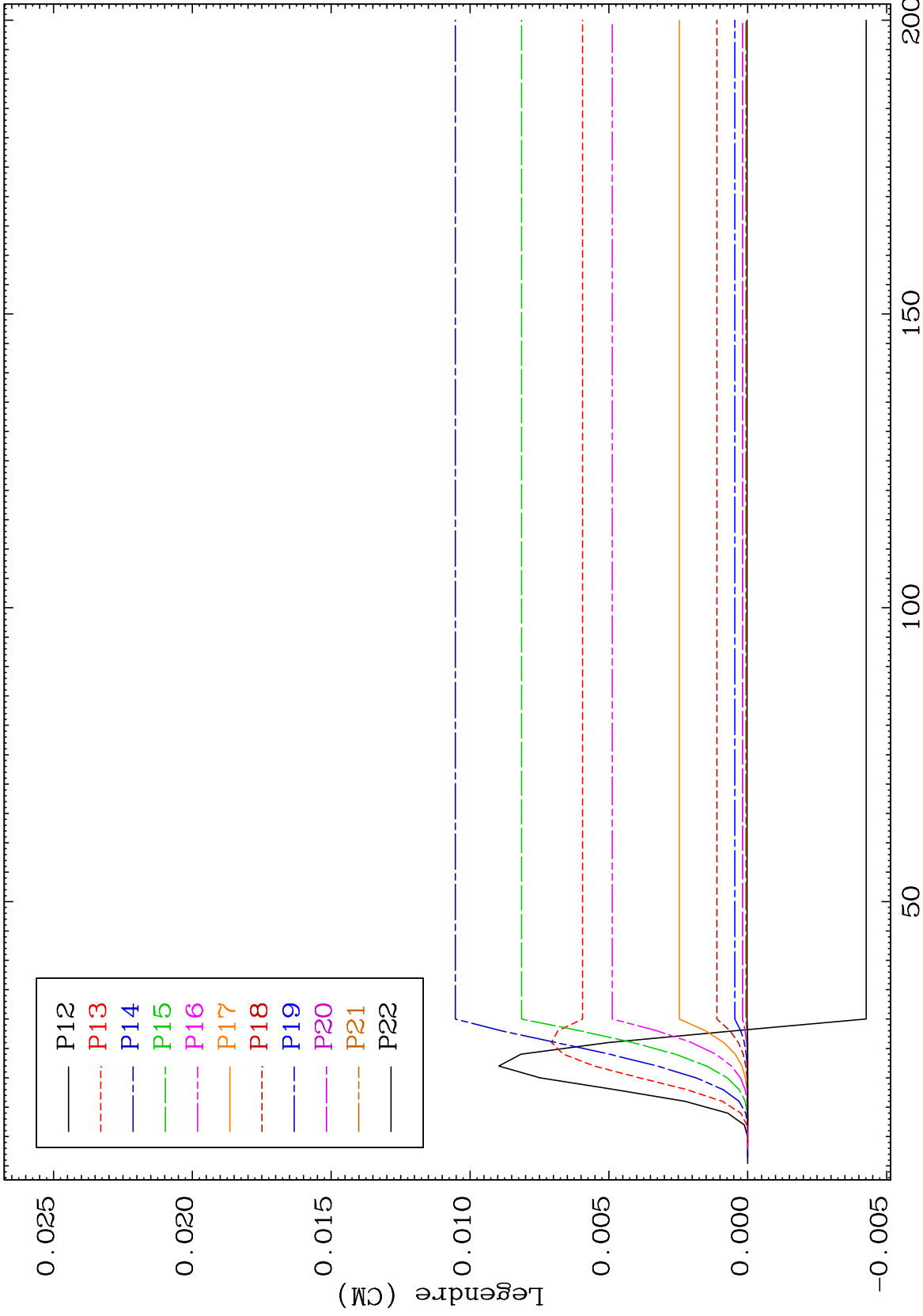
28-Ni-60



MAT 2831

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

28-Ni-60



85

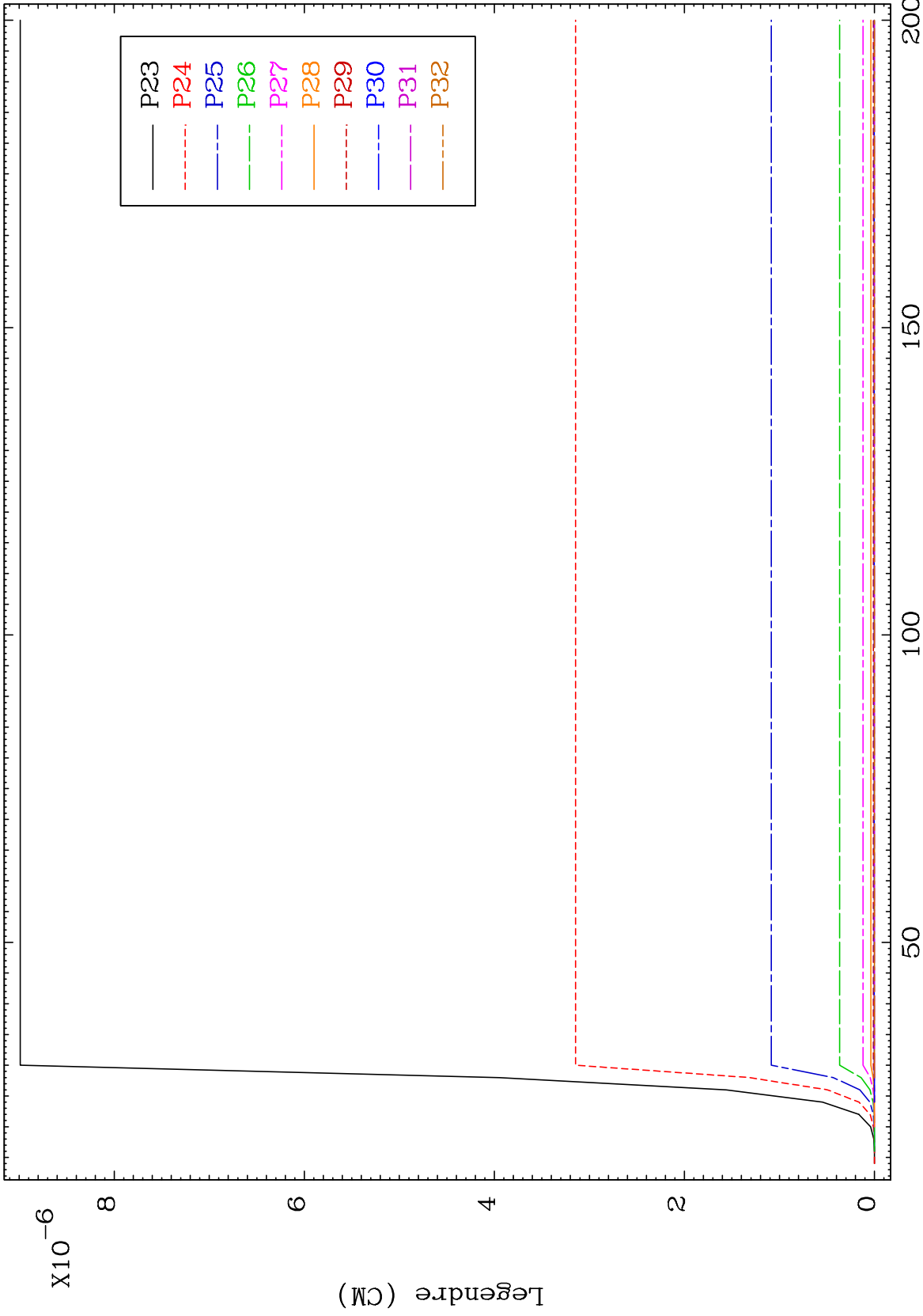
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

28-Ni-60

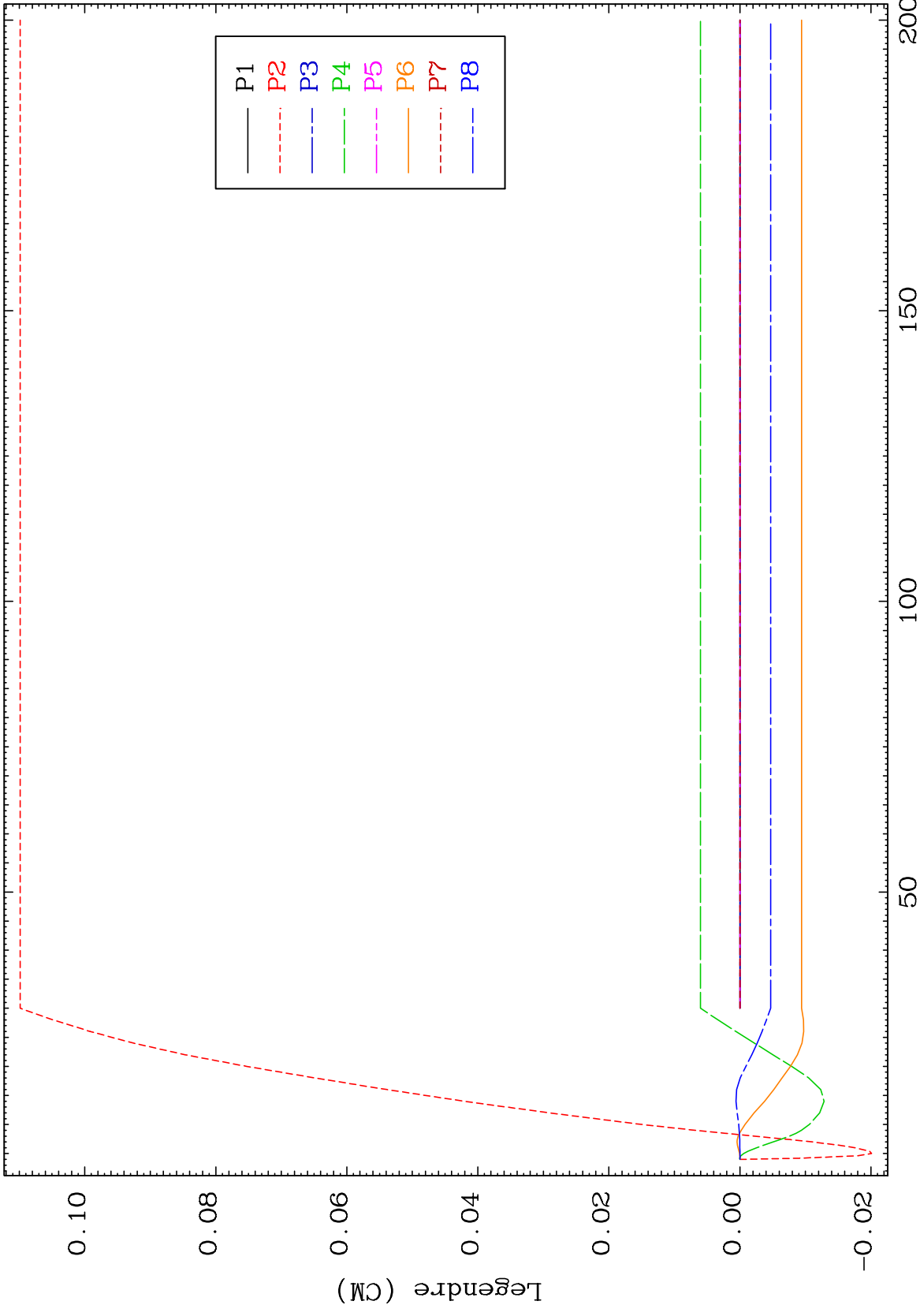


86

Incident Energy (MeV)

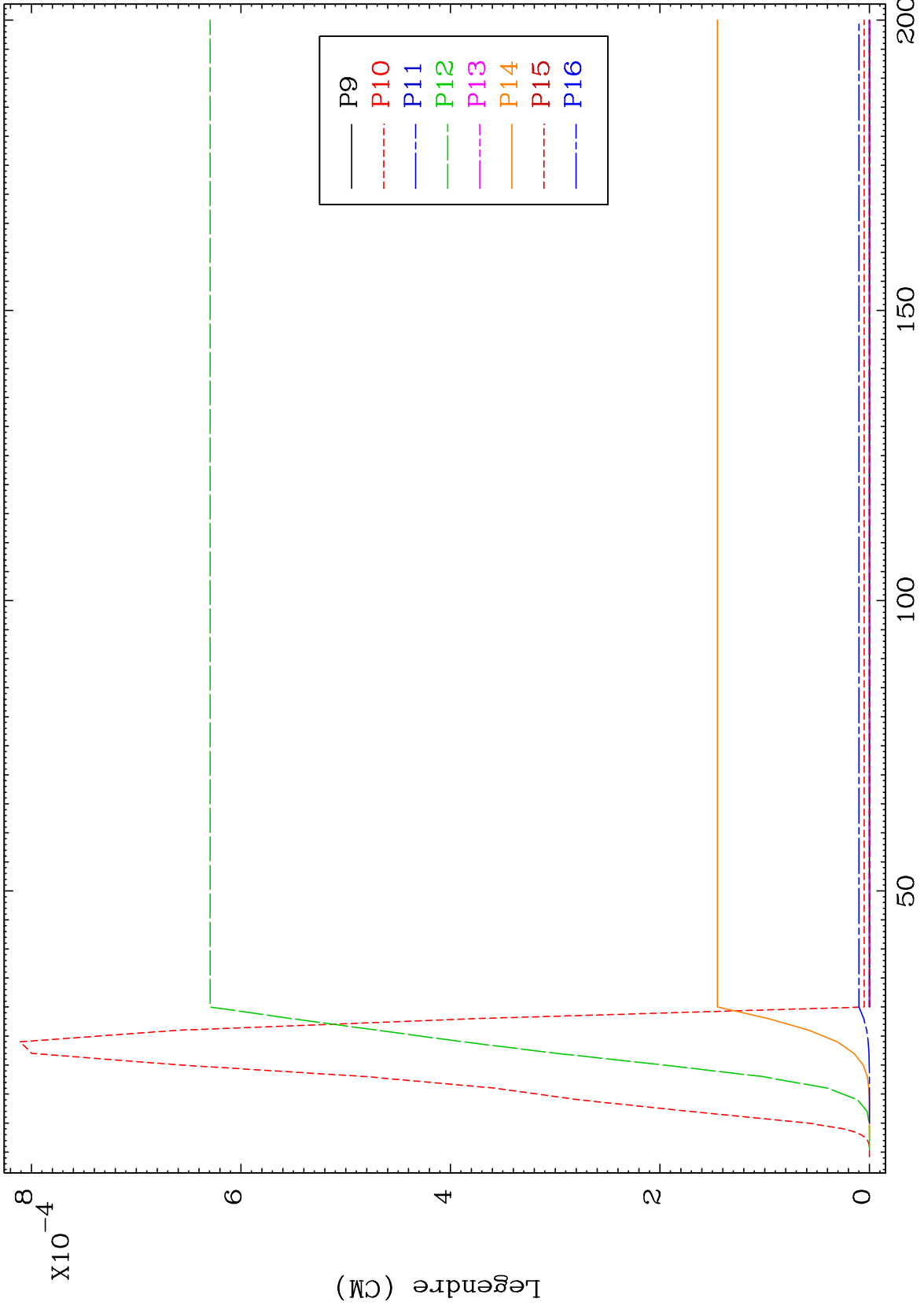
28-Ni-60

MAT 2831 MT= 74 (n,n') Level Legendre Coefficients 28-Ni-60



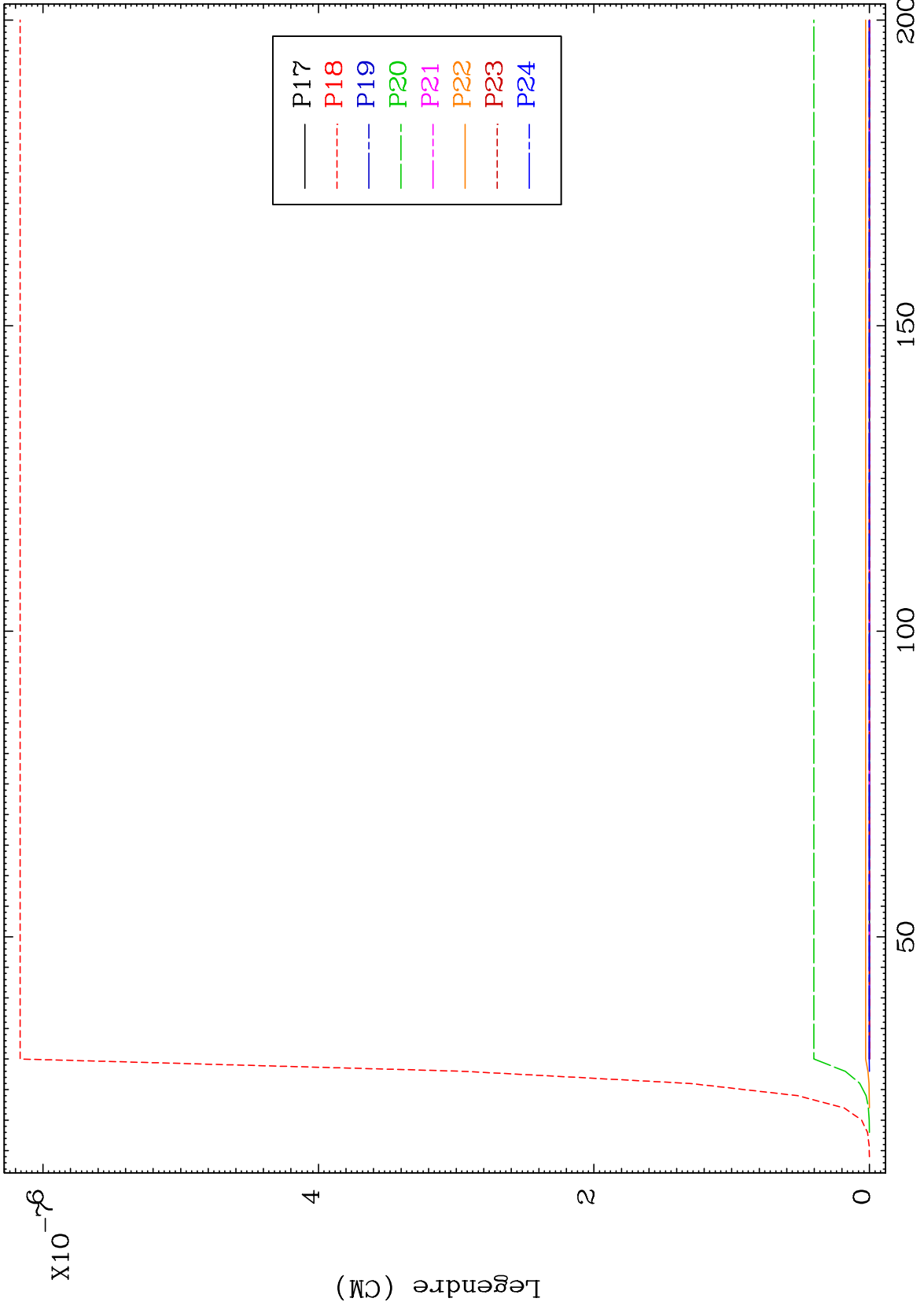
87 28-Ni-60

MAT 2831 MT= 74 (n,n') Level Legendre Coefficients 28-Ni-60

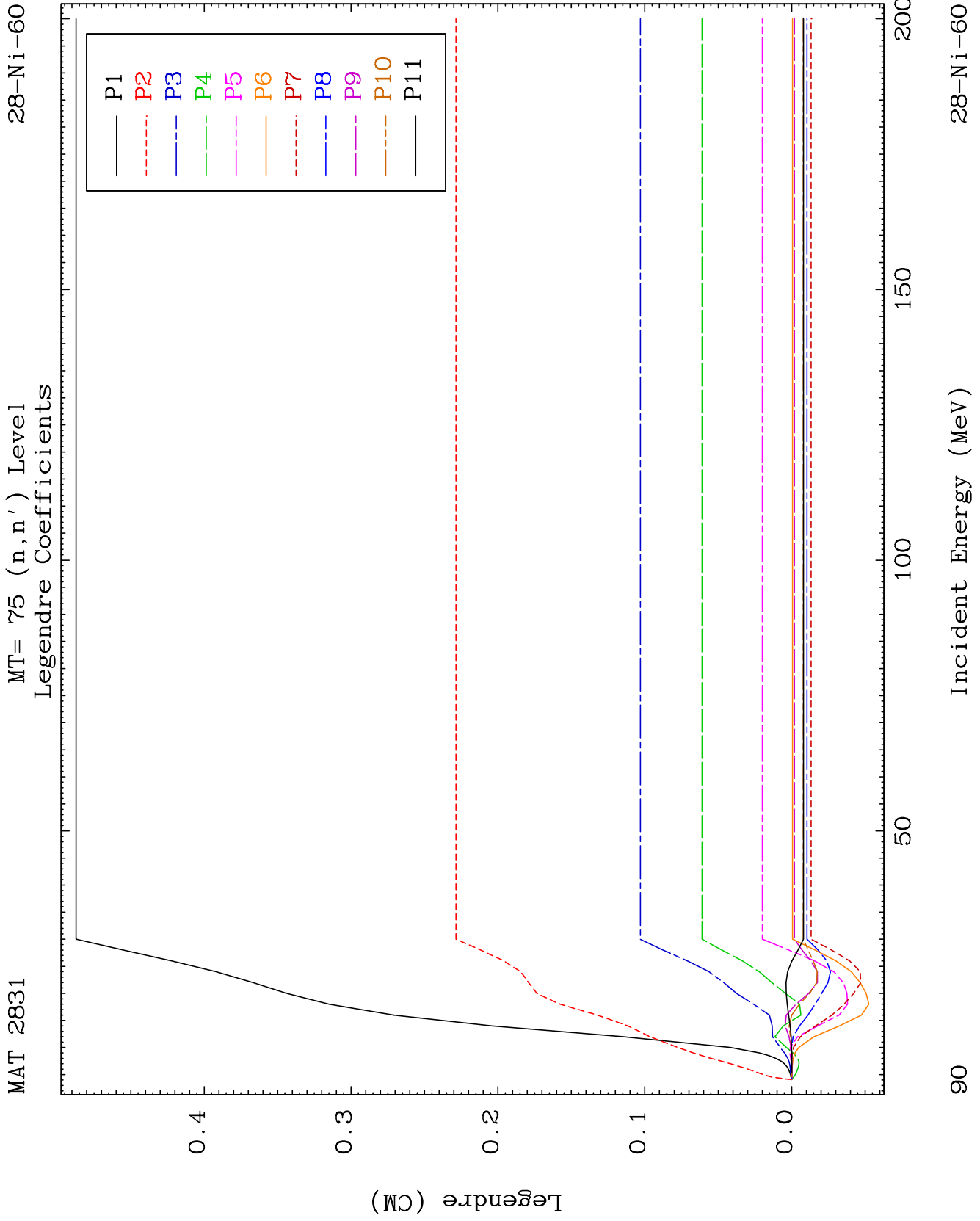


88 28-Ni-60

MAT 2831 MT= 74 (n,n') Level Legendre Coefficients 28-Ni-60



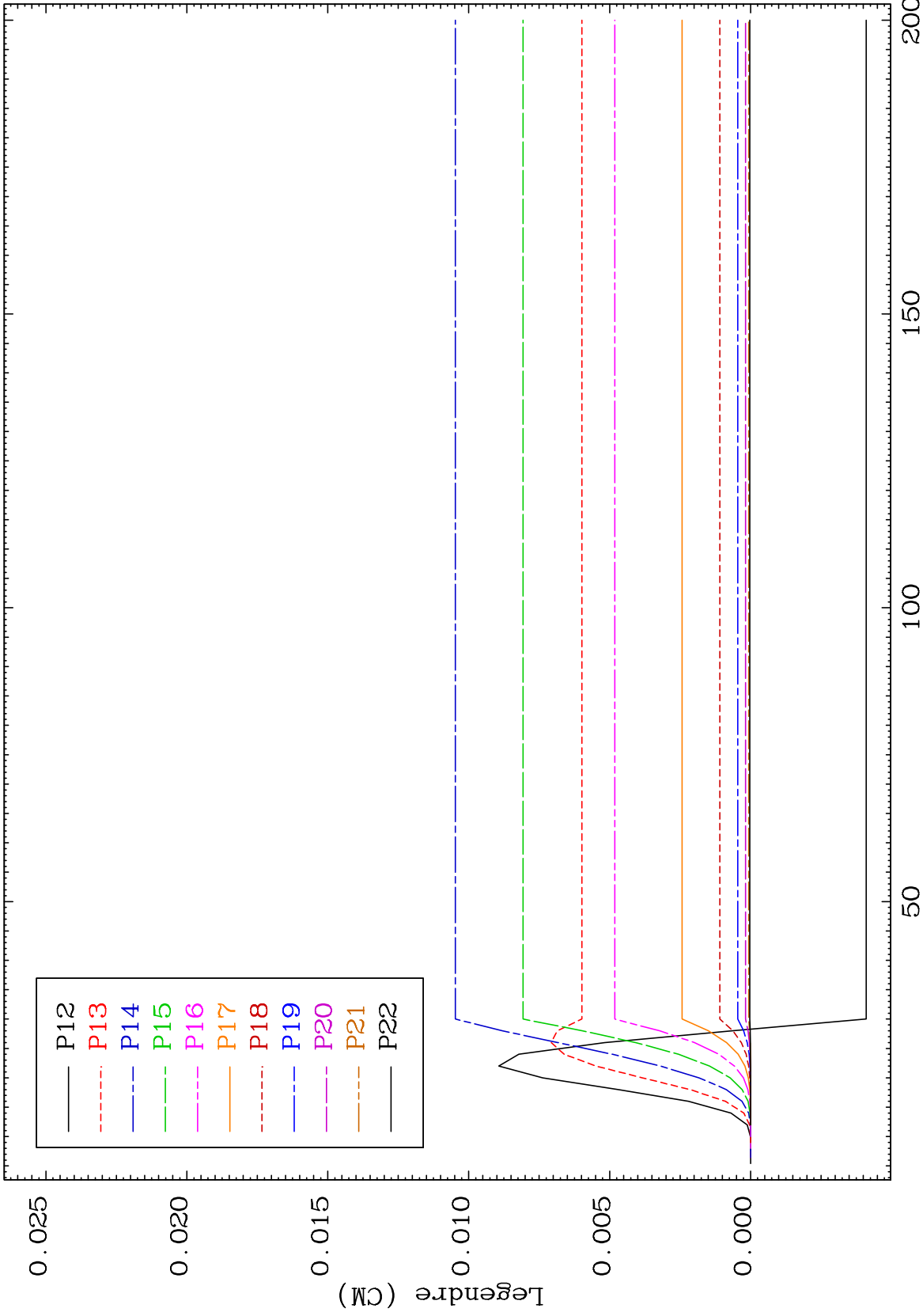
89 28-Ni-60



MAT 2831

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

28-Ni-60



91

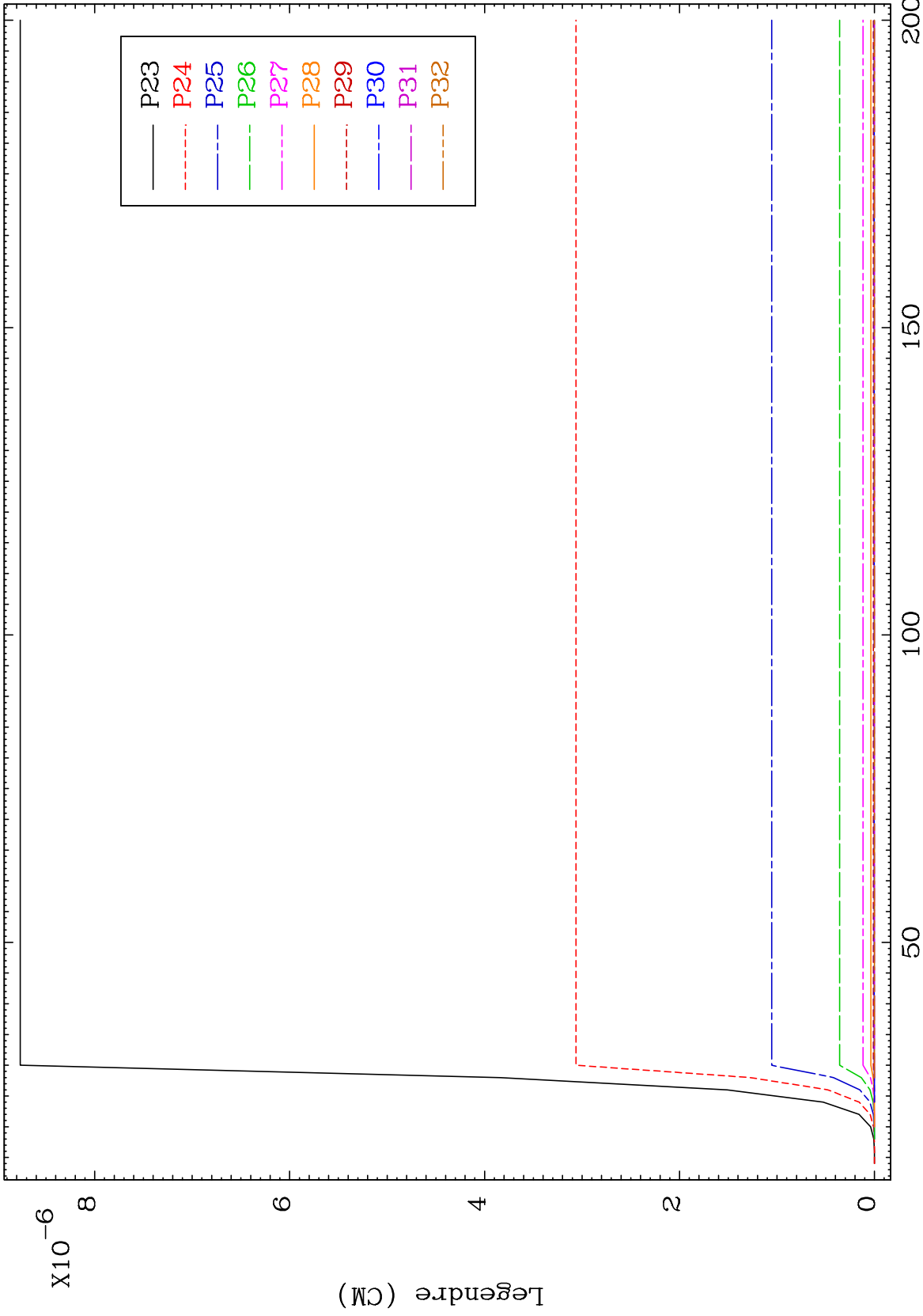
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

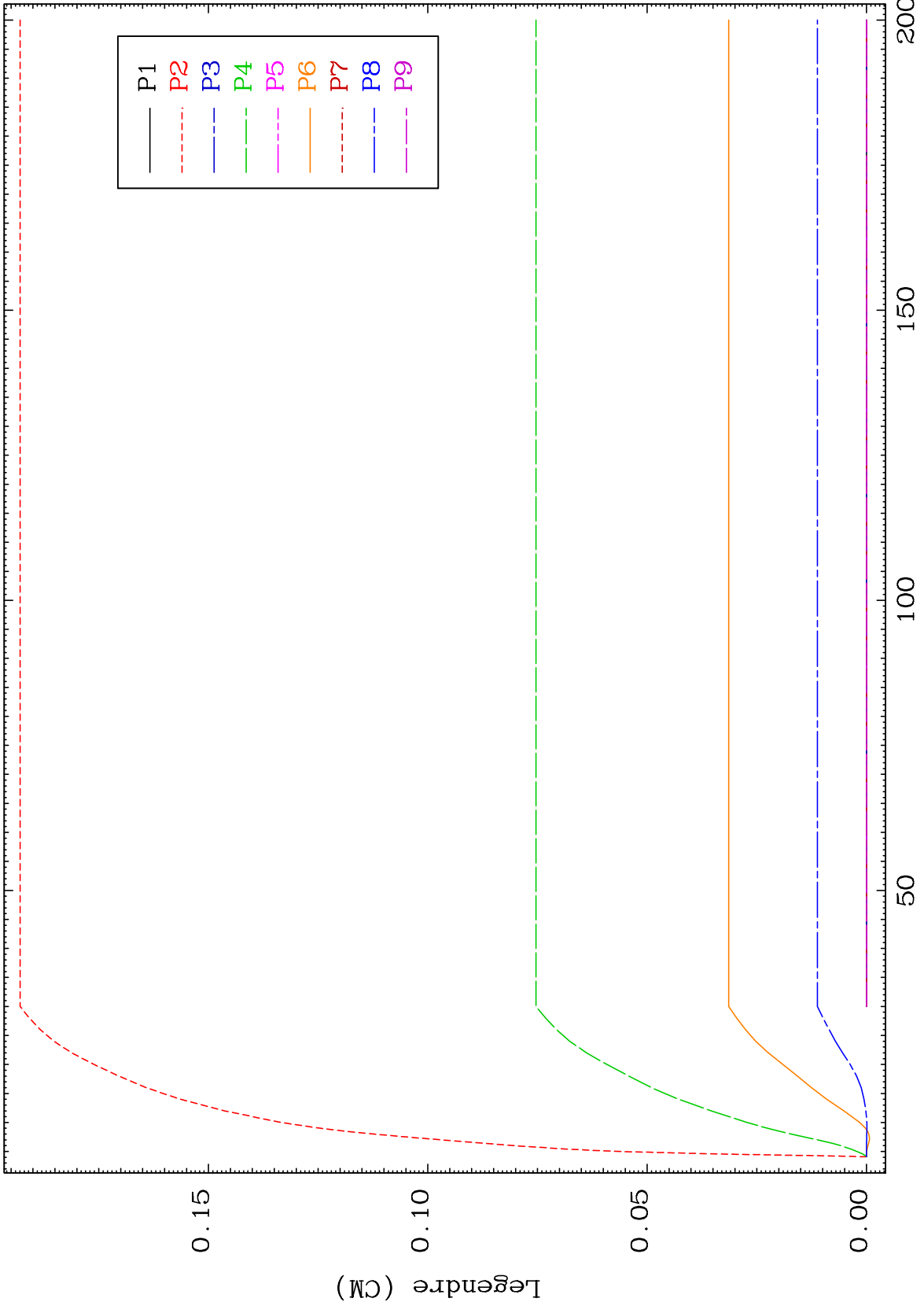
28-Ni-60



92

28-Ni-60

MAT 2831 MT= 76 (n,n') Level Legendre Coefficients 28-Ni-60



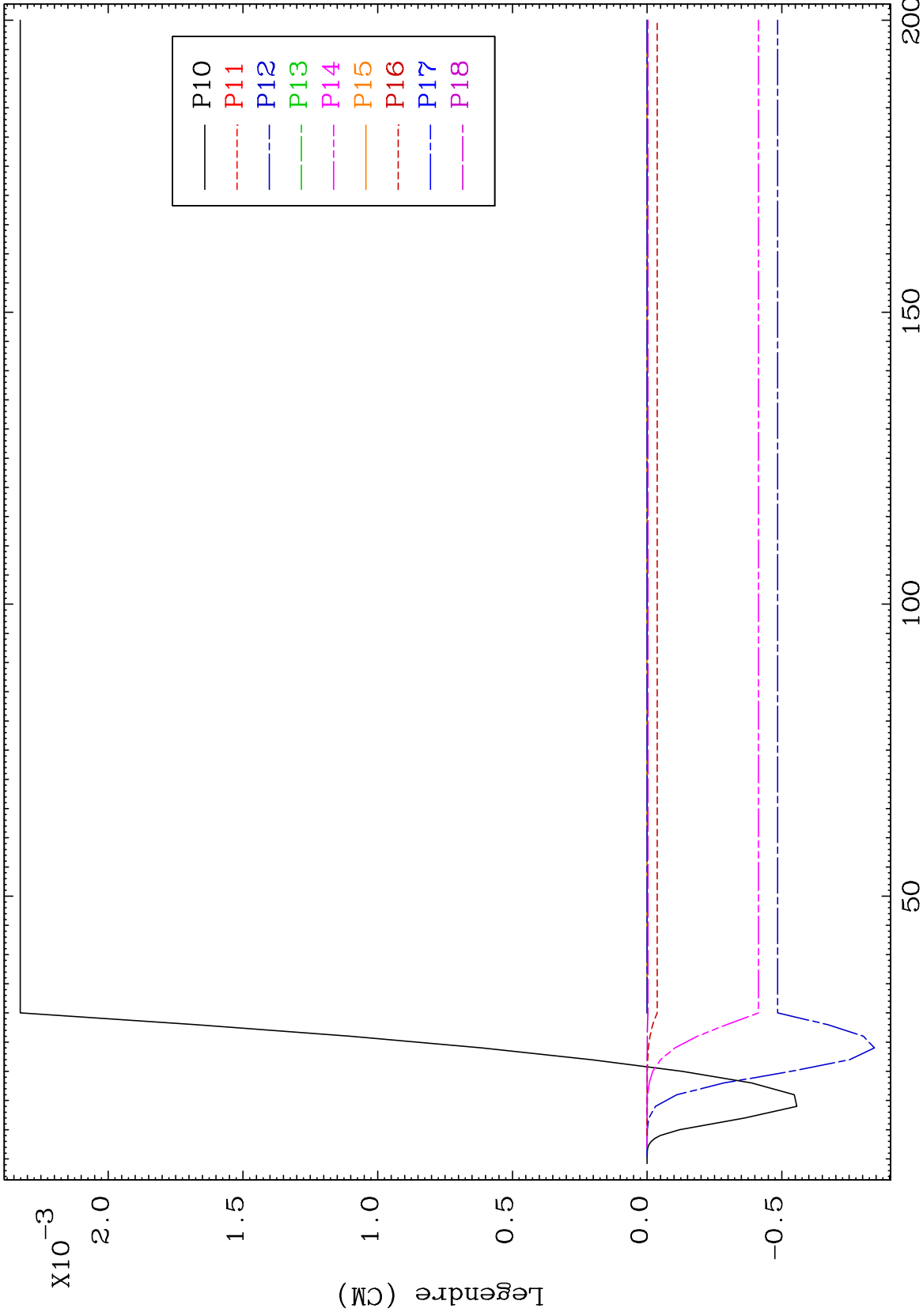
93

28-Ni-60

MAT 2831

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

28-Ni-60

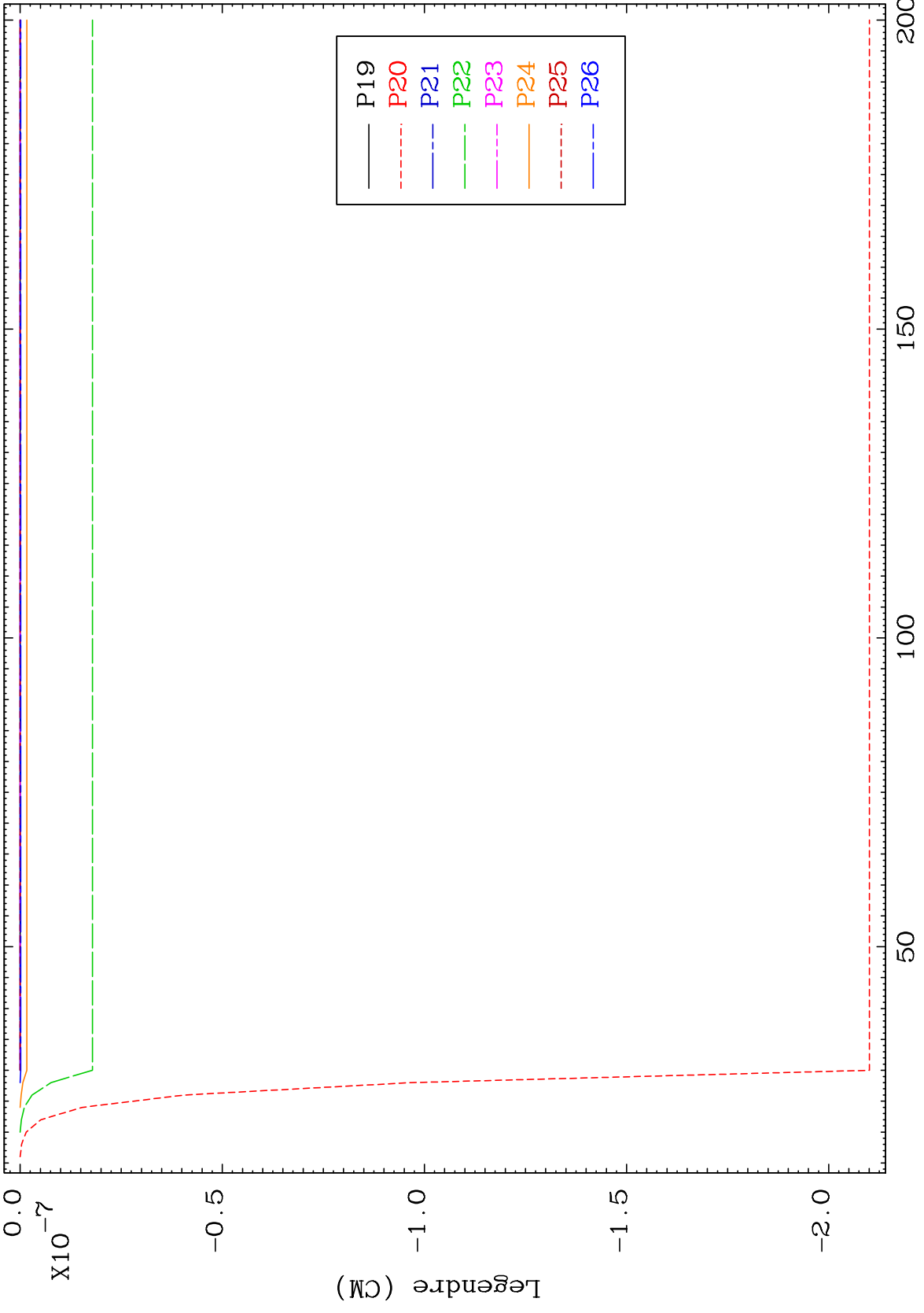


94

Incident Energy (MeV)

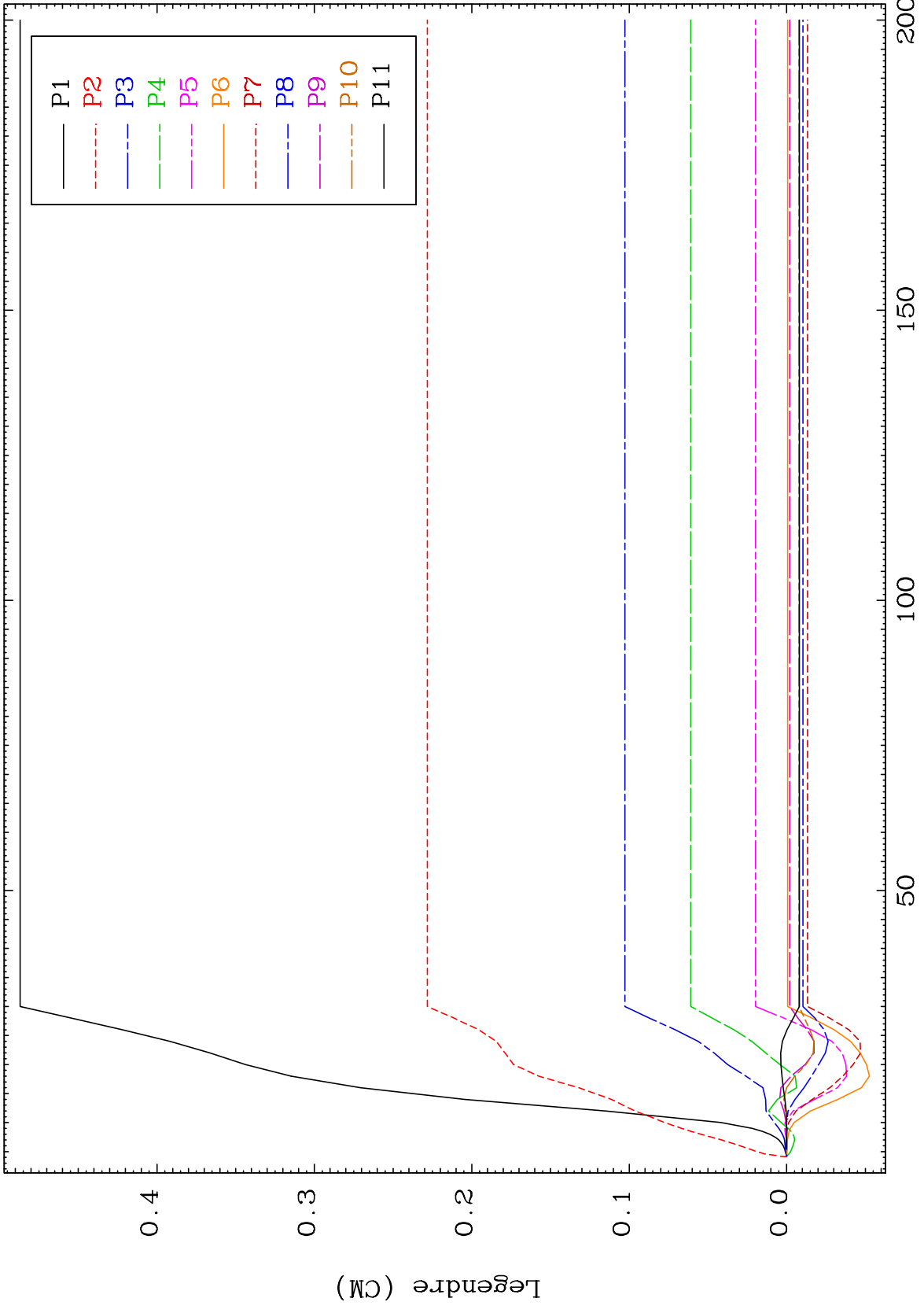
28-Ni-60

MAT 2831 MT= 76 (n,n') Level Legendre Coefficients 28-Ni-60



95 Incident Energy (MeV) 28-Ni-60

MAT 2831 MT= 77 (n,n') Level Legendre Coefficients 28-Ni-60

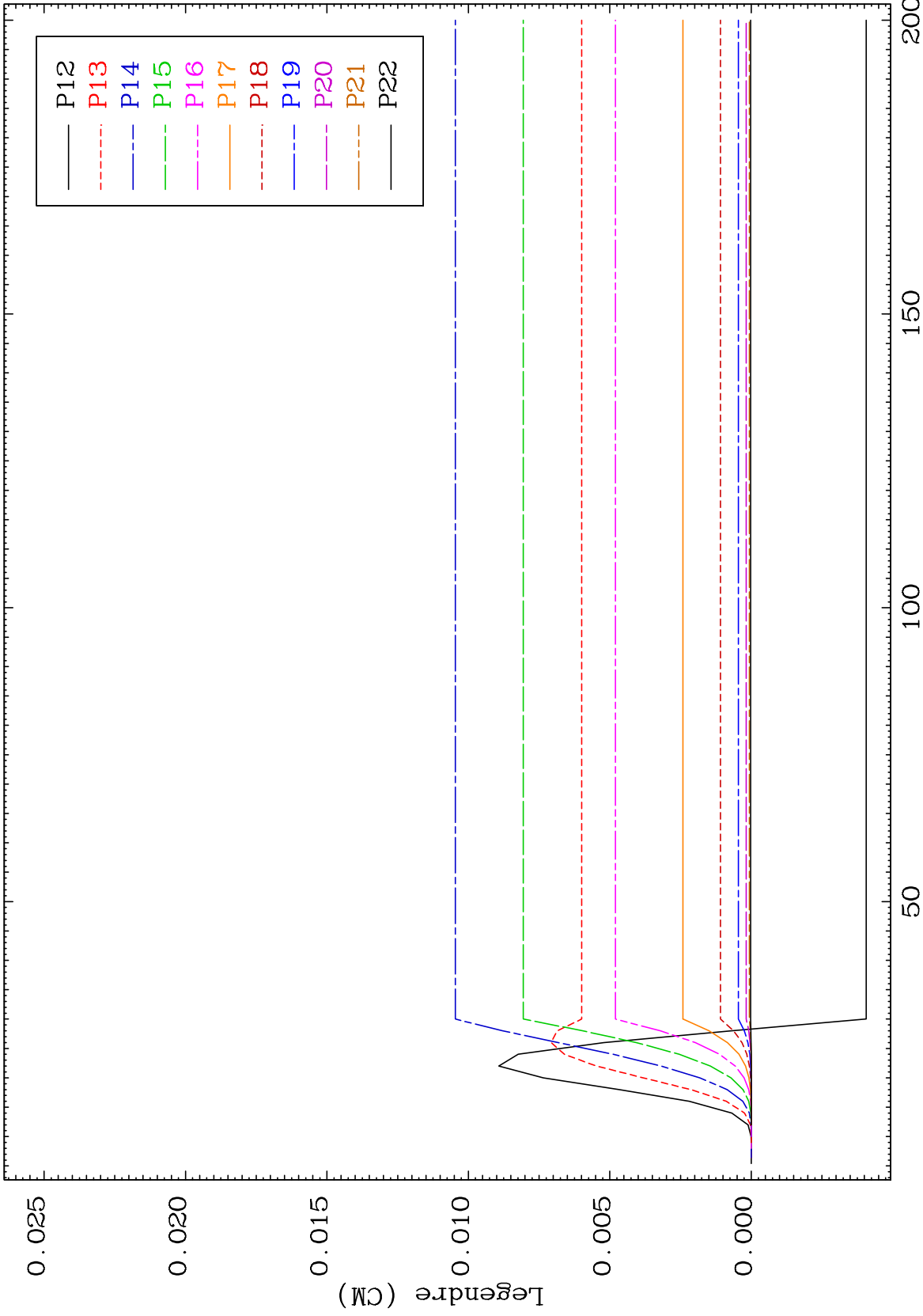


96 28-Ni-60

MAT 2831

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

28-Ni-60



97

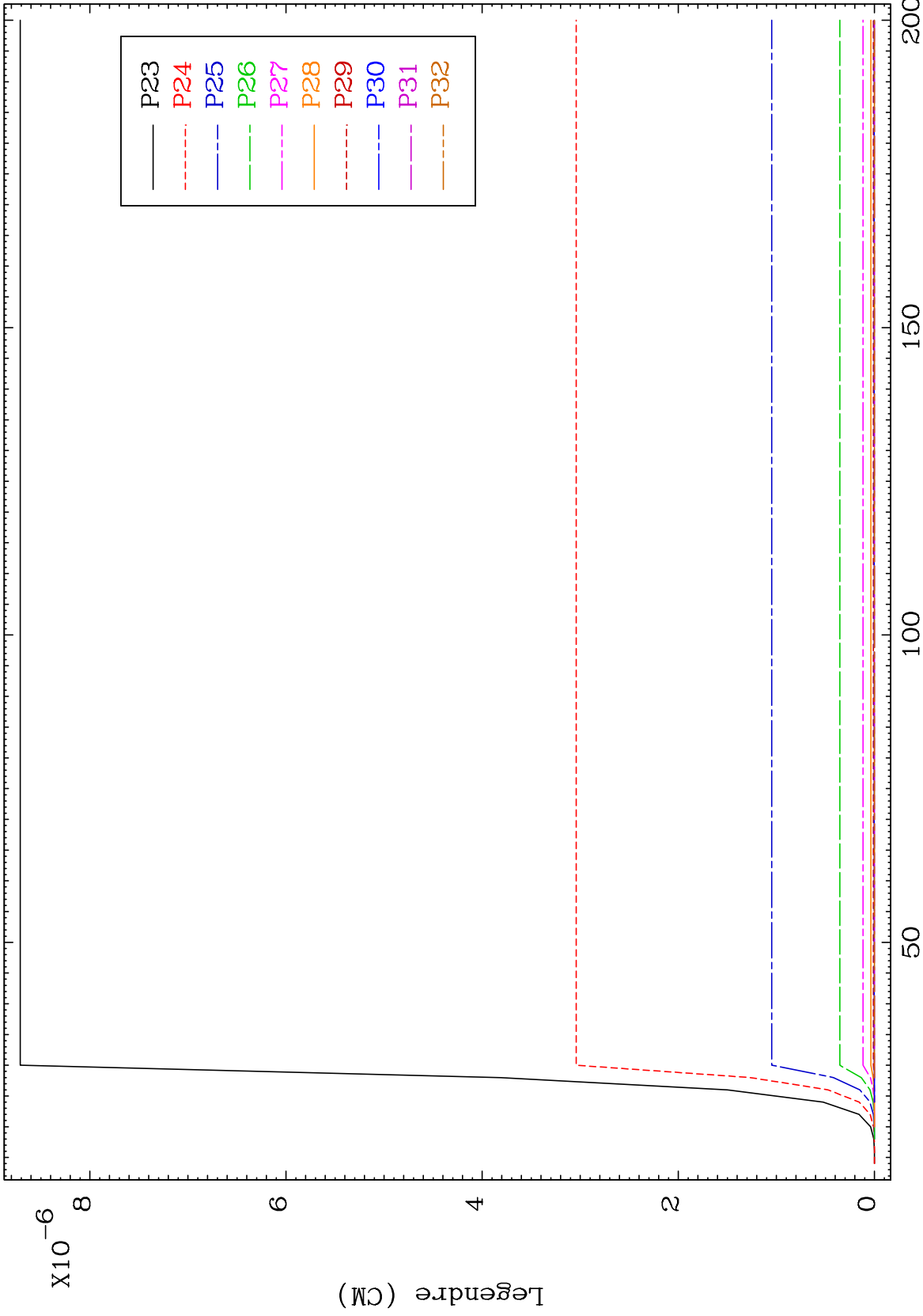
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

28-Ni-60

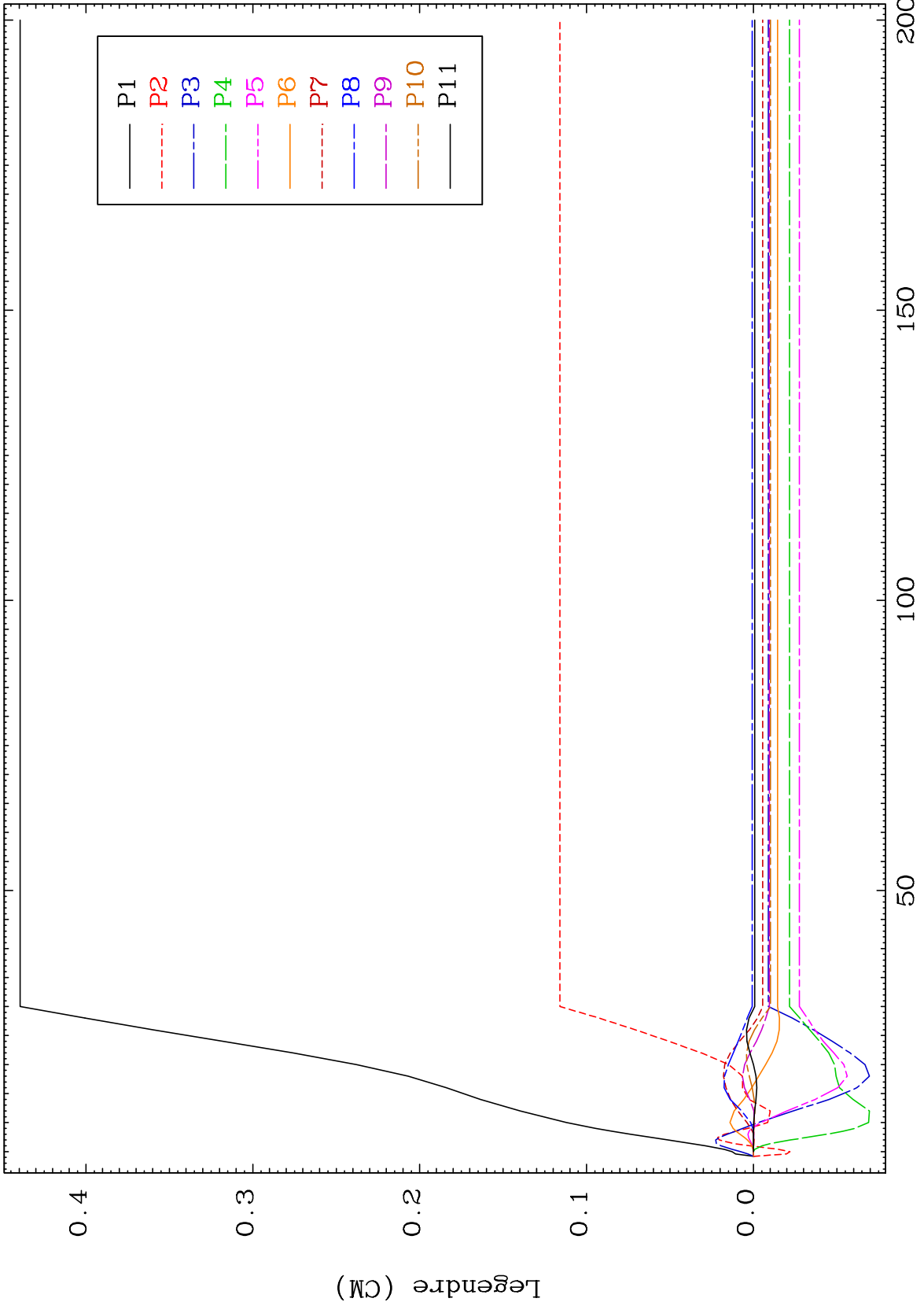


98

Incident Energy (MeV)

28-Ni-60

MAT 2831 MT= 78 (n,n') Level Legendre Coefficients 28-Ni-60

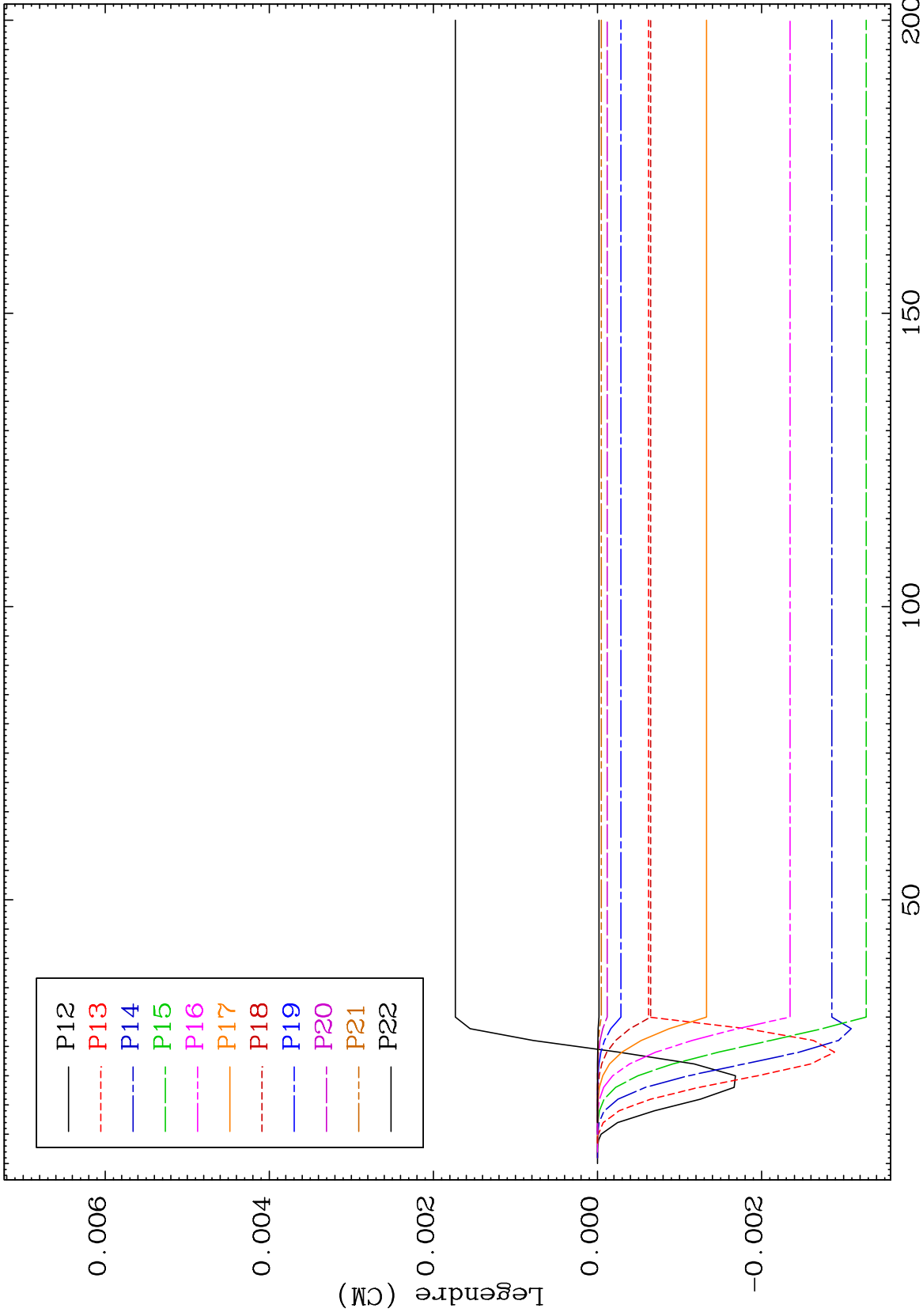


99 28-Ni-60

MAT 2831

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

28-Ni-60

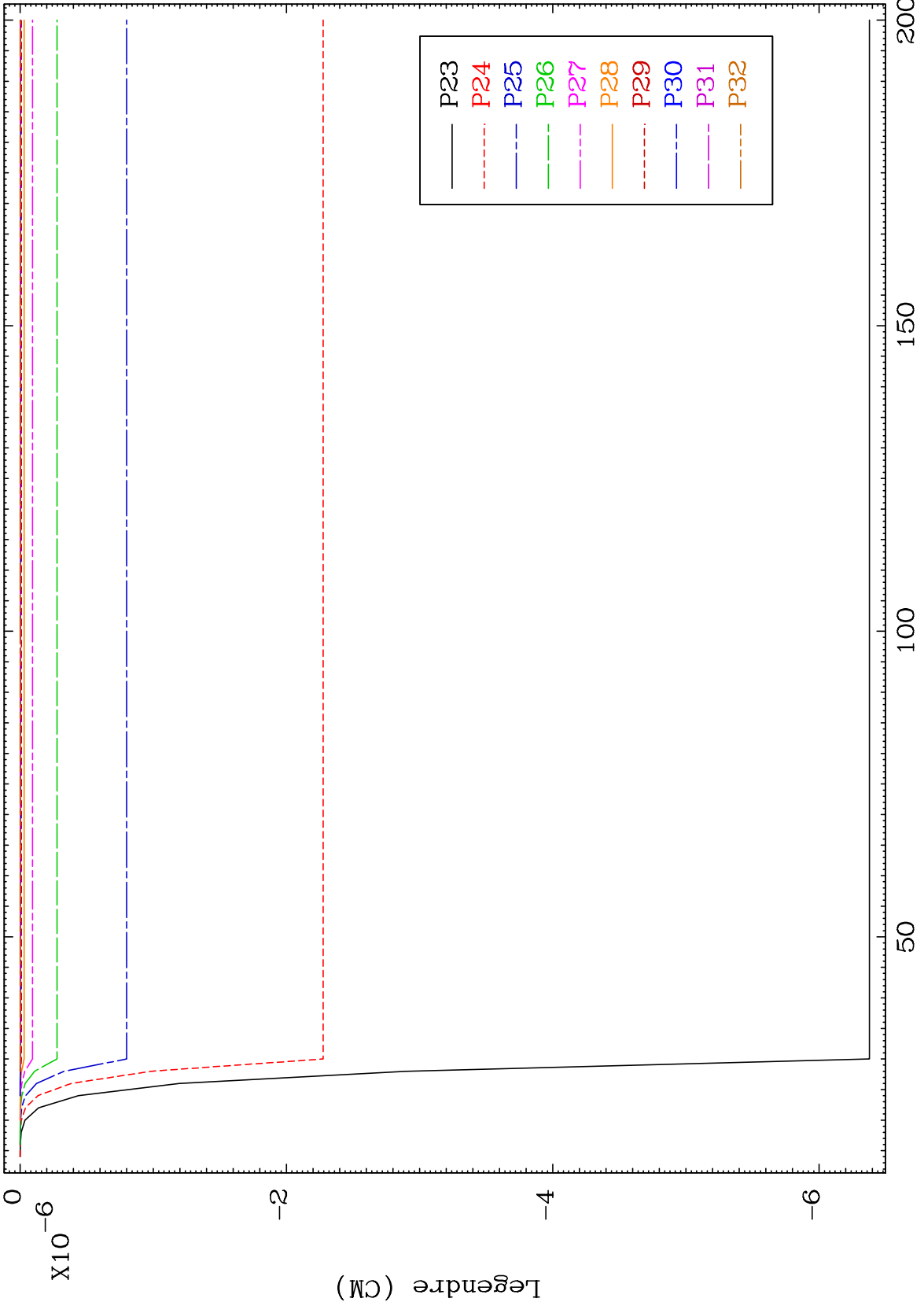


28-Ni-60

Incident Energy (MeV)

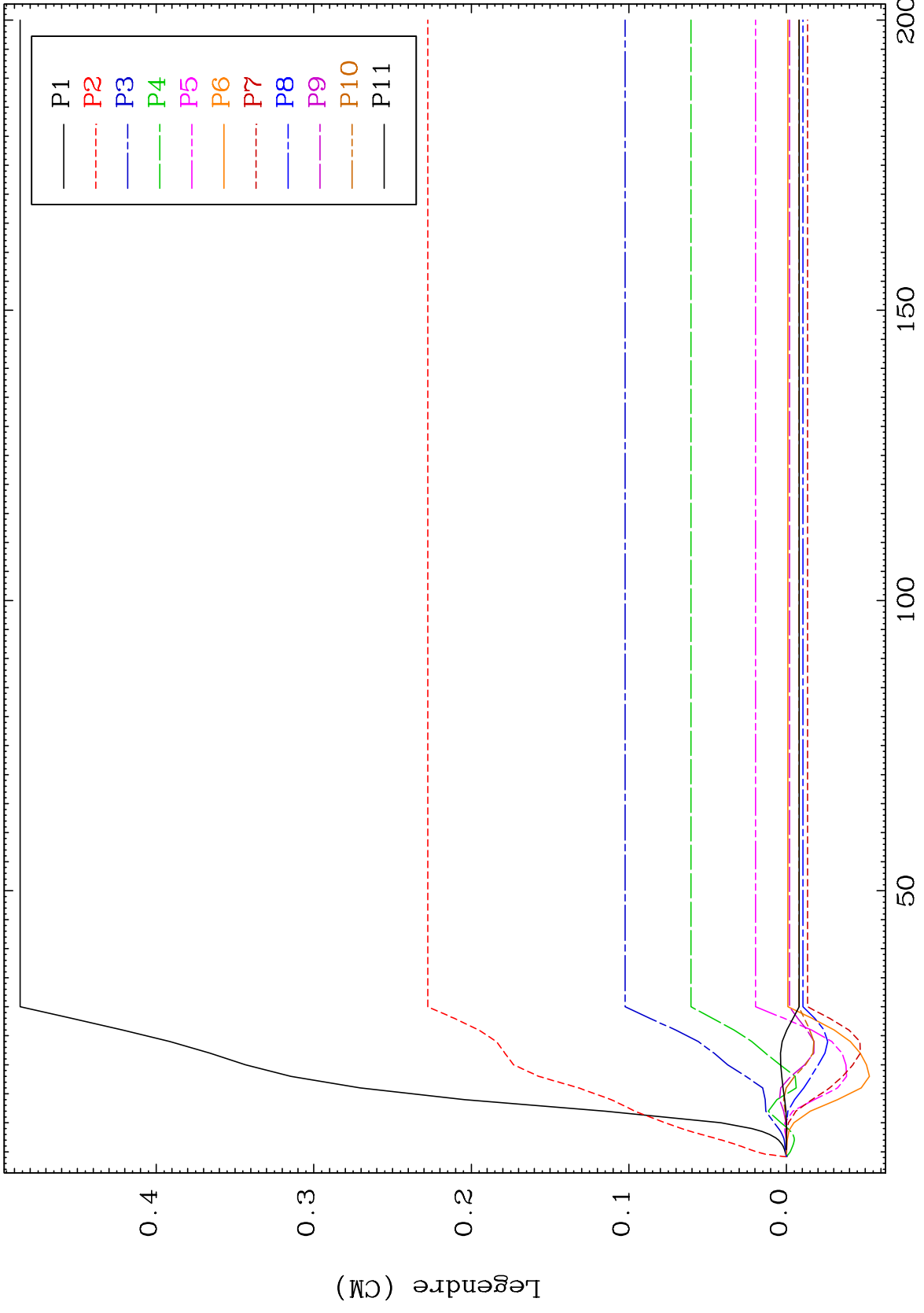
100

MAT 2831 MT= 78 (n,n') Level Legendre Coefficients 28-Ni-60



101 Incident Energy (MeV) 28-Ni-60

MAT 2831 MT= 79 (n,n') Level Legendre Coefficients 28-Ni-60

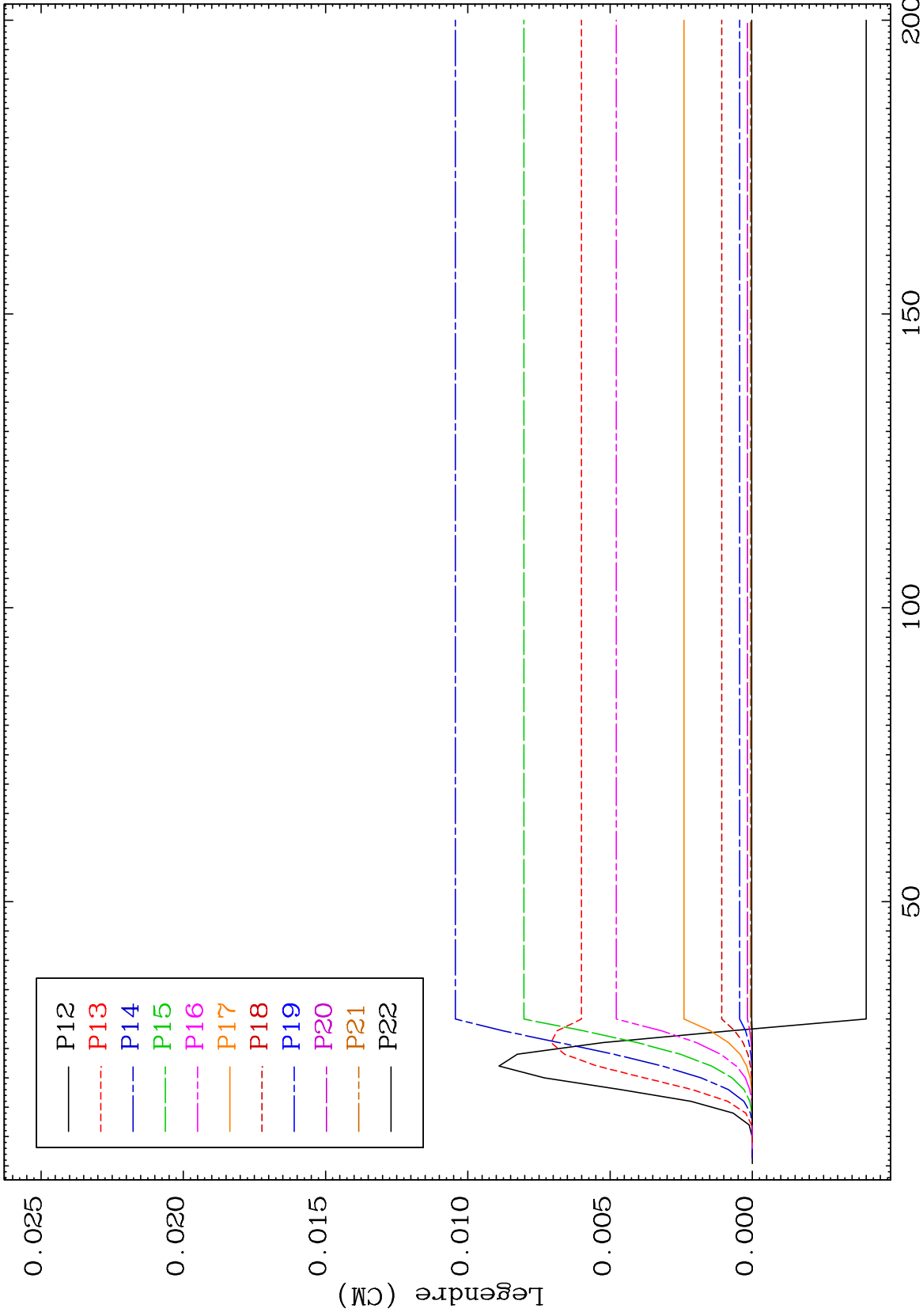


102 Incident Energy (MeV) 28-Ni-60

MAT 2831

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

28-Ni-60



103

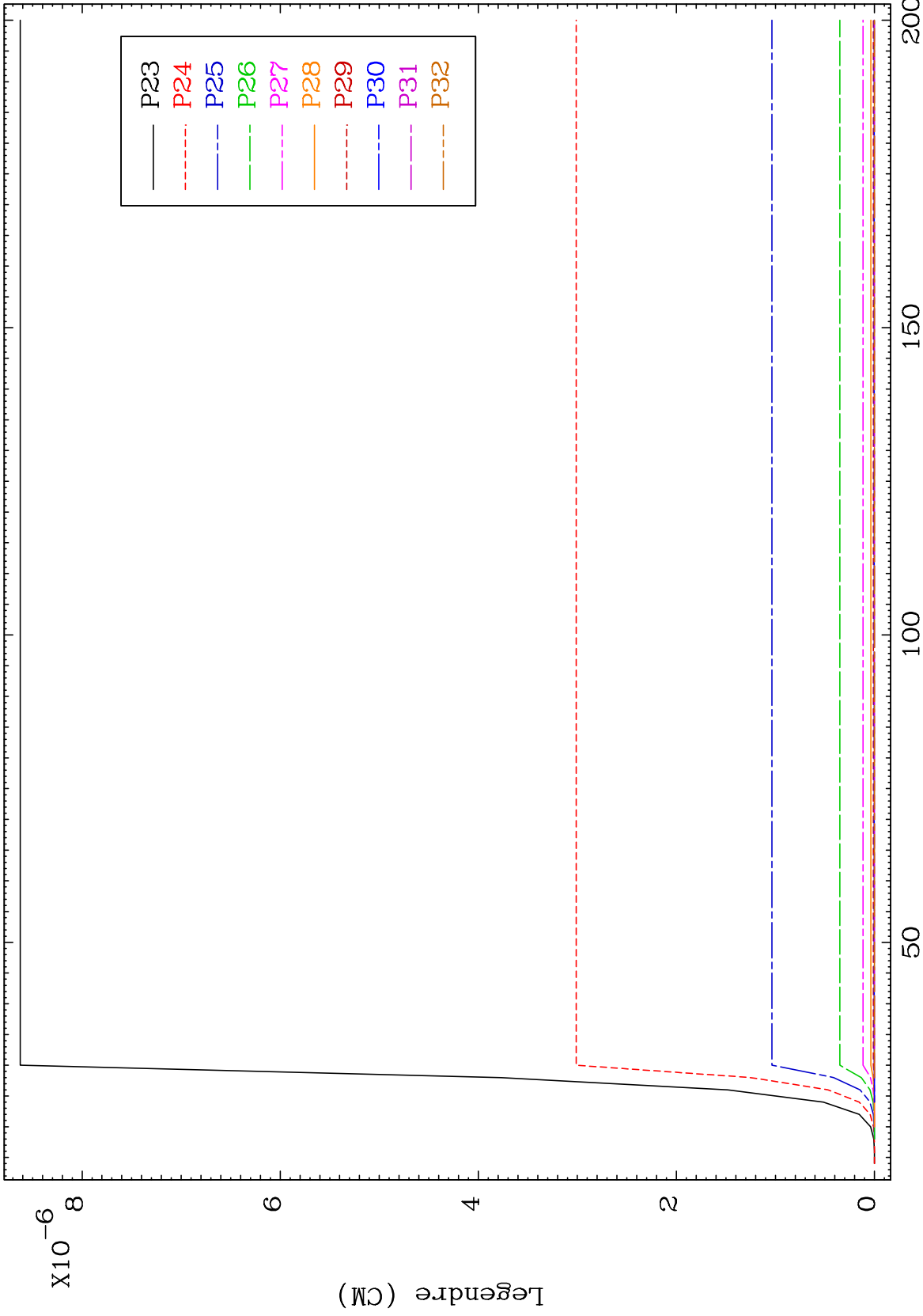
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

28-Ni-60



104

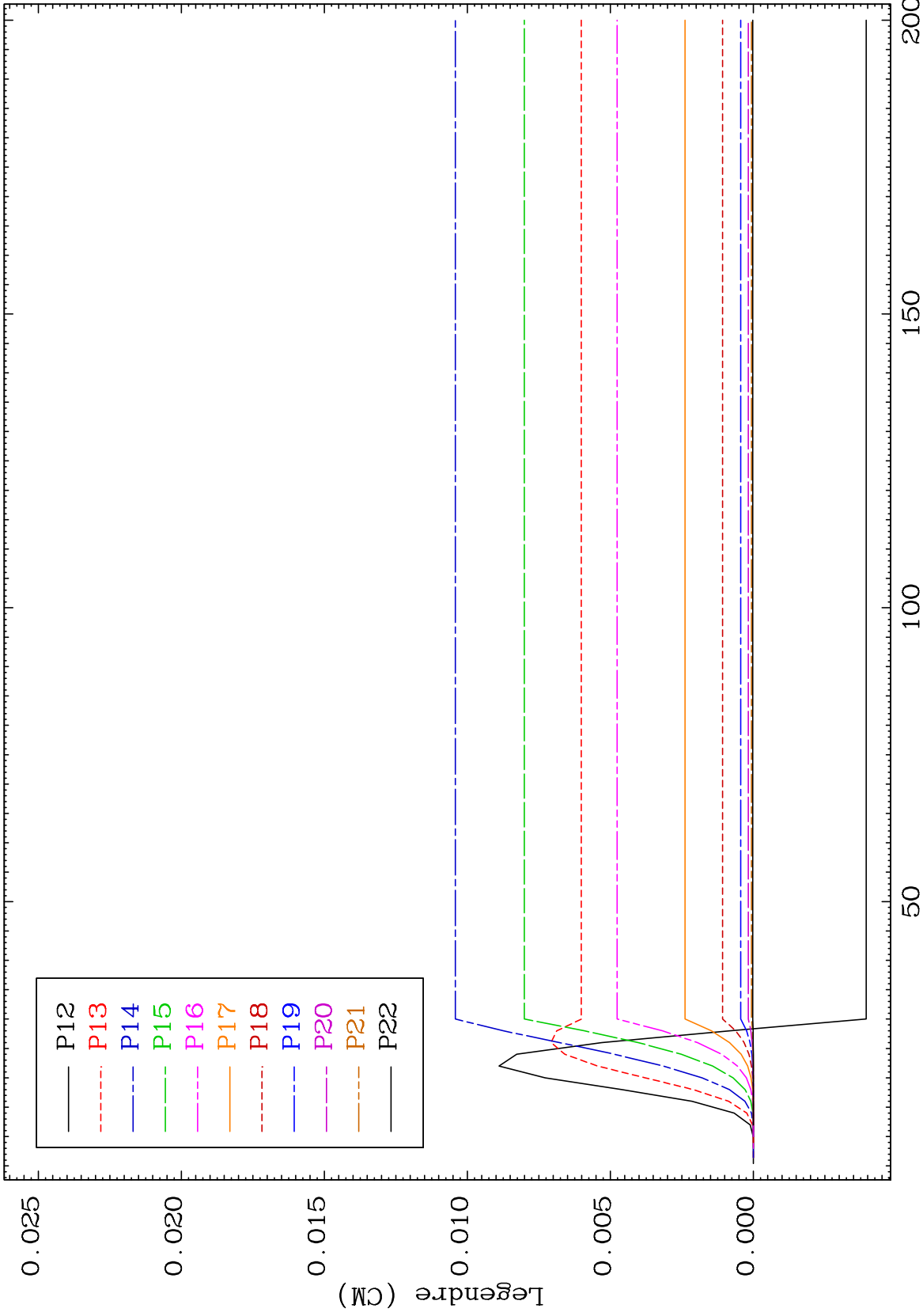
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

28-Ni-60

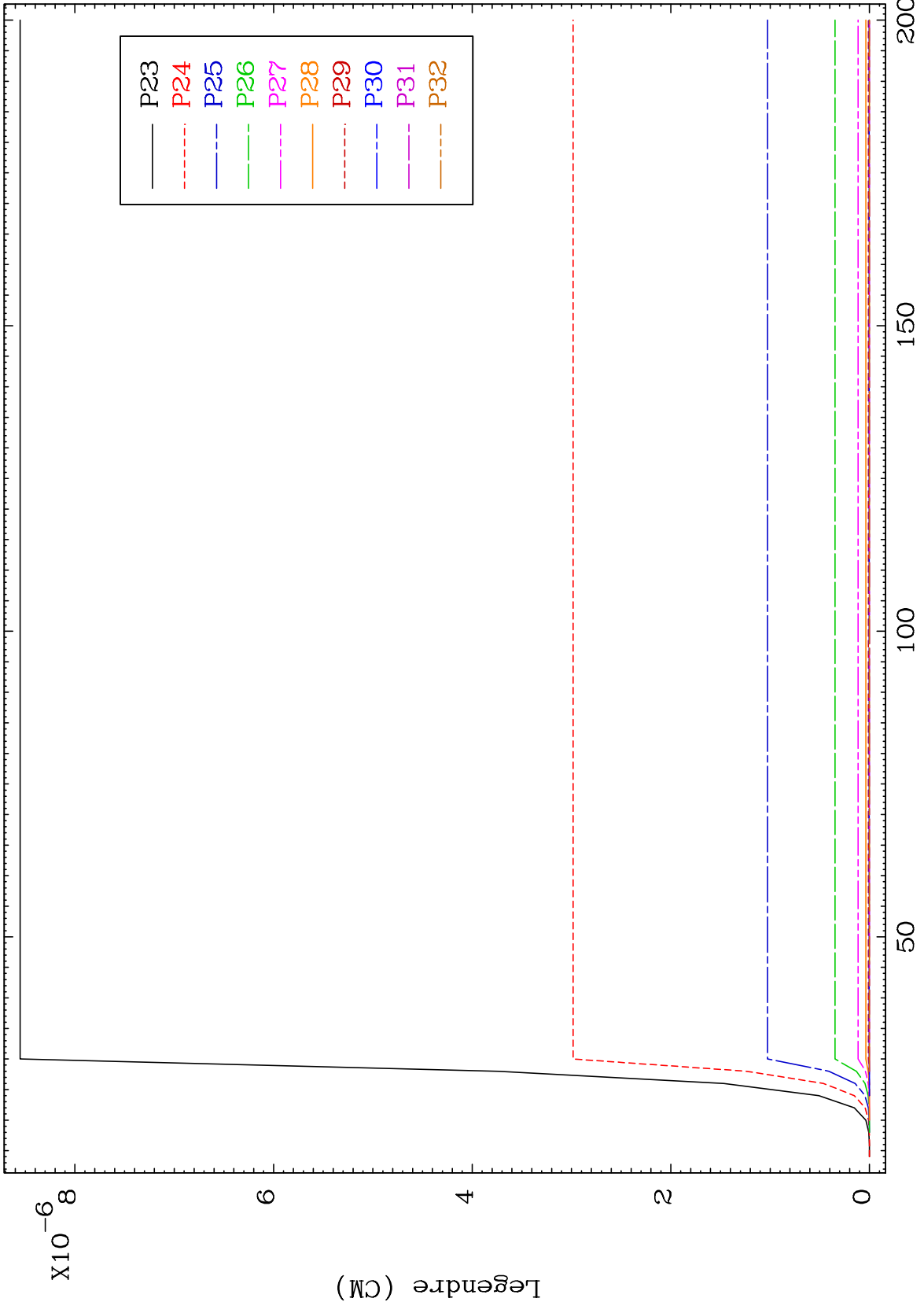


106

Incident Energy (MeV)

28-Ni-60

MAT 2831 MT= 80 (n,n') Level Legendre Coefficients 28-Ni-60



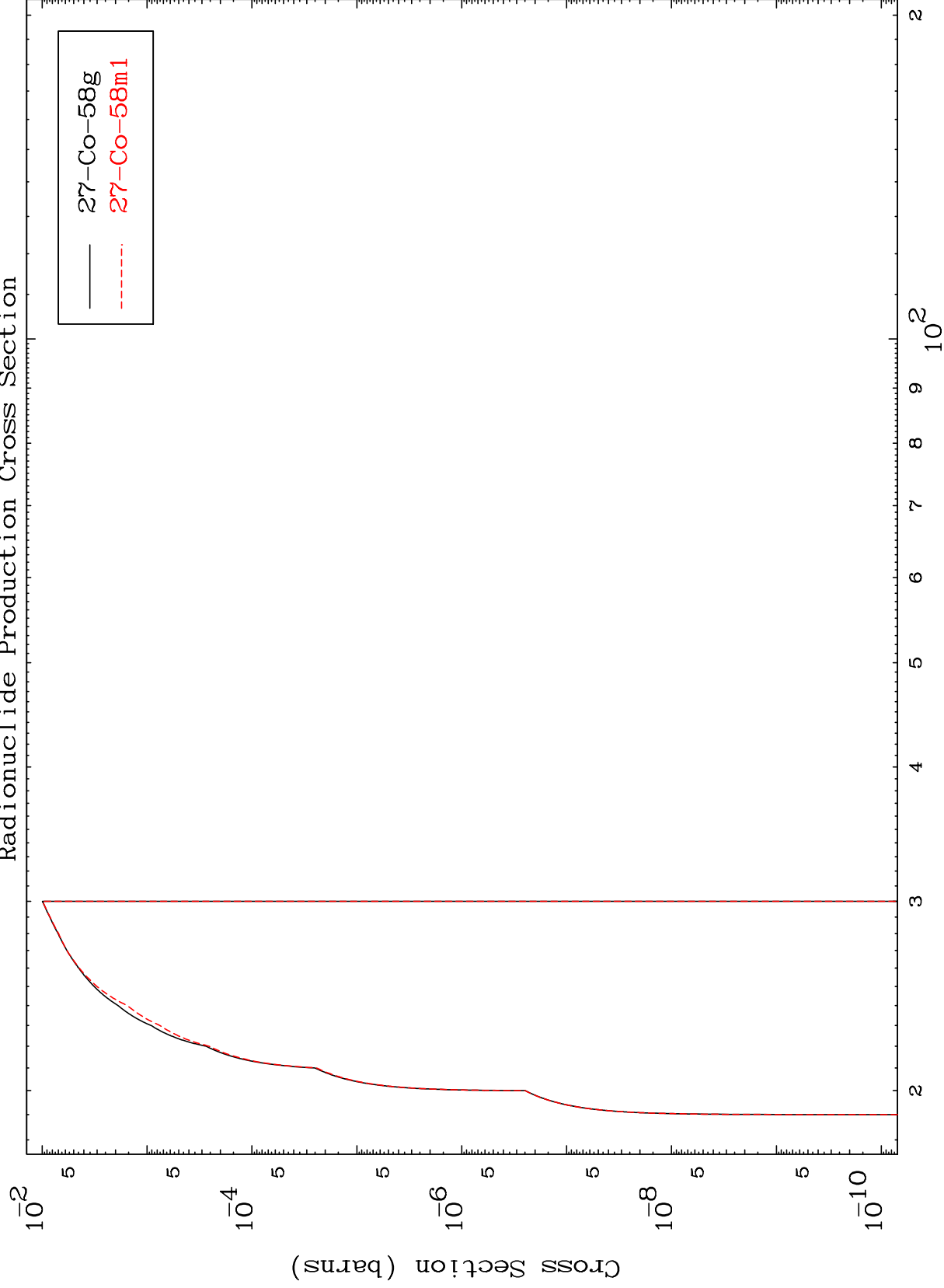
107 28-Ni-60

MAT 2831

(n,n') d

²⁸Ni-60

Radionuclide Production Cross Section



108

Incident Energy (MeV)

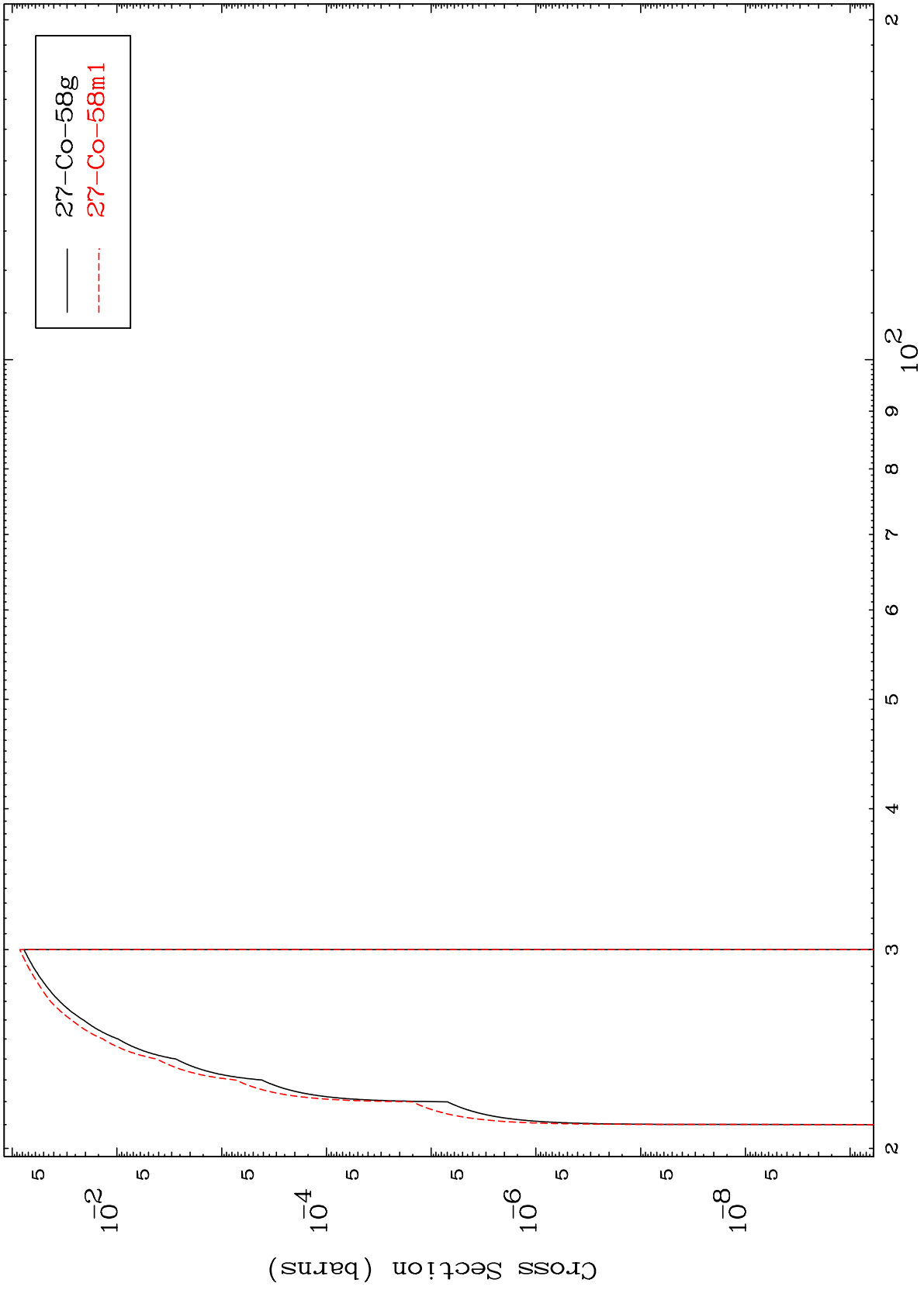
²⁸Ni-60

MAT 2831

(n,2n) p

²⁸Ni-60

Radionuclide Production Cross Section



109

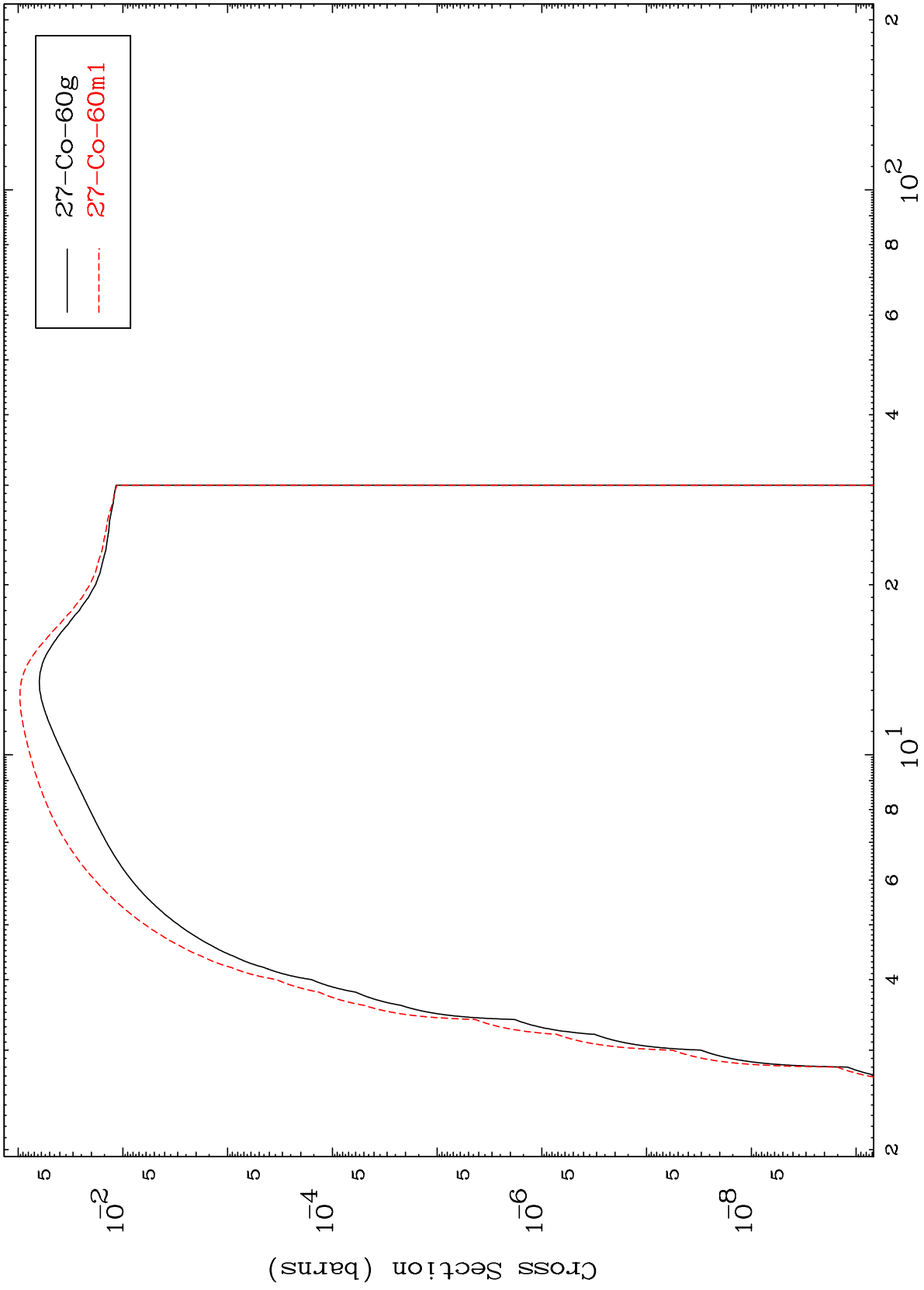
Incident Energy (MeV)

²⁸Ni-60

MAT 2831

²⁸Ni-60

(n,p)
Radionuclide Production Cross Section



110

Incident Energy (MeV)

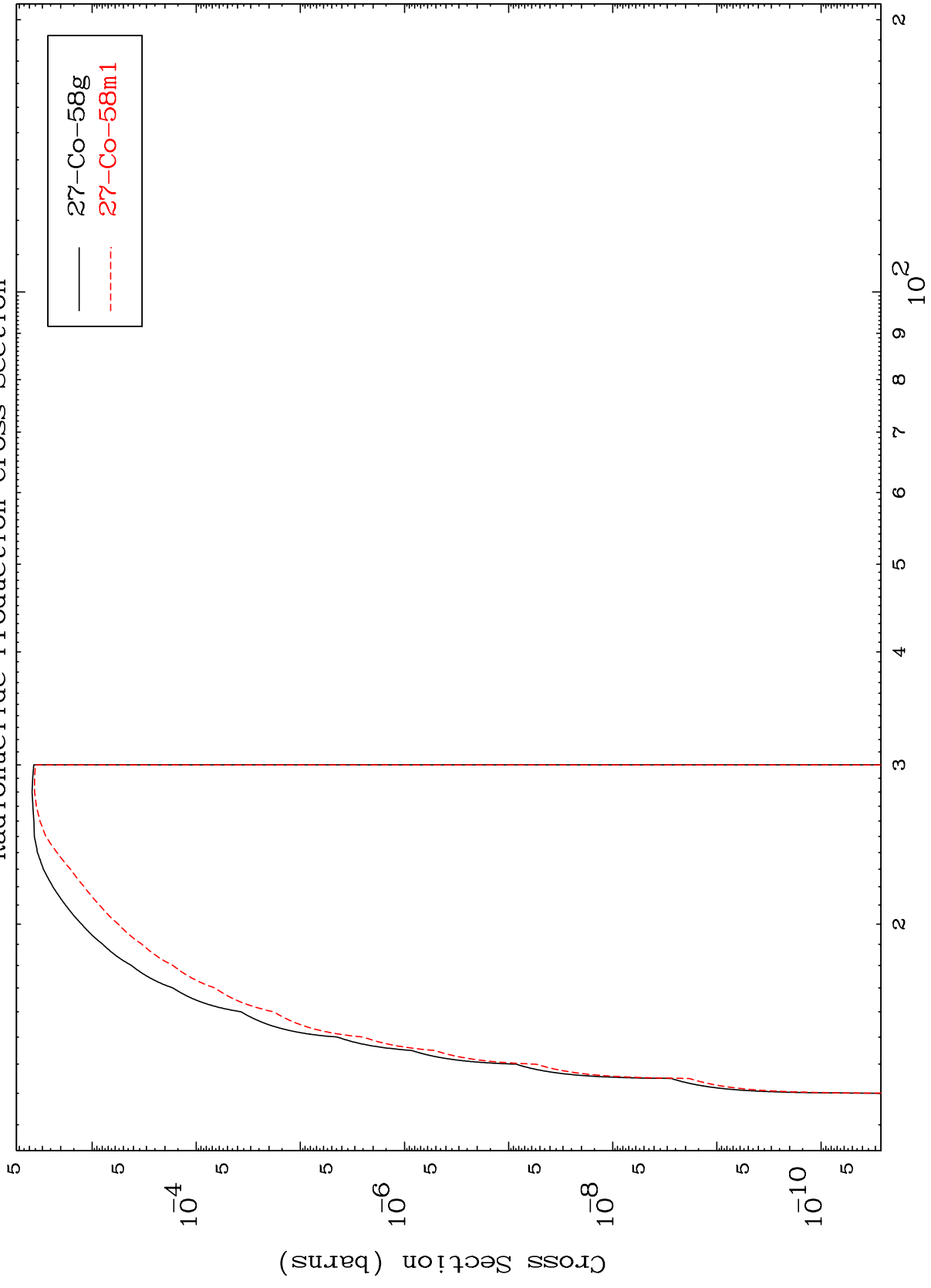
²⁸Ni-60

MAT 2831

(n, t)

²⁸Ni-60

Radionuclide Production Cross Section



— 27-Co-58g
- - - 27-Co-58m1

111

Incident Energy (MeV)

²⁸Ni-60