

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

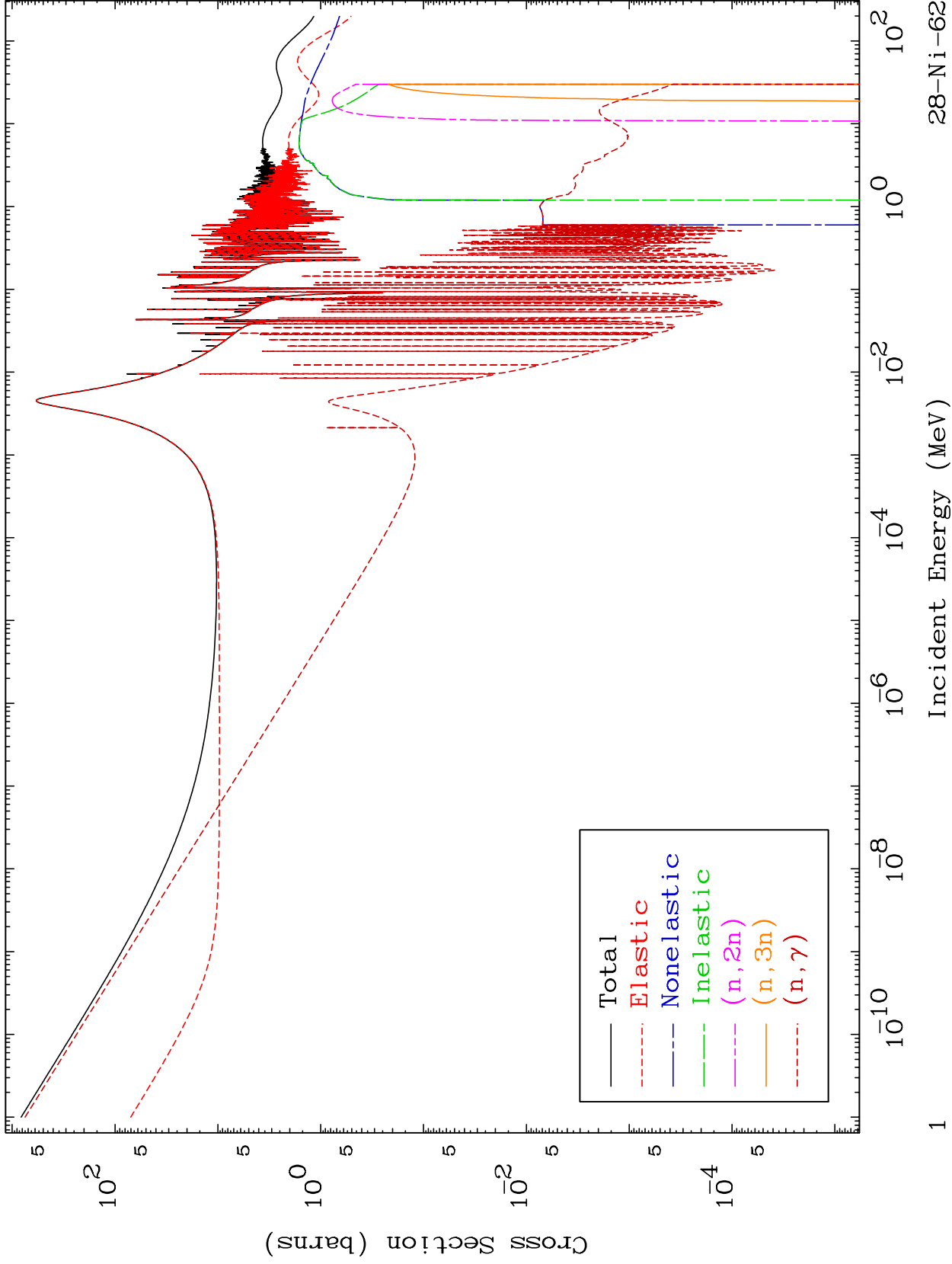
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2837

Neutron Major
293 Kelvin Cross Sections

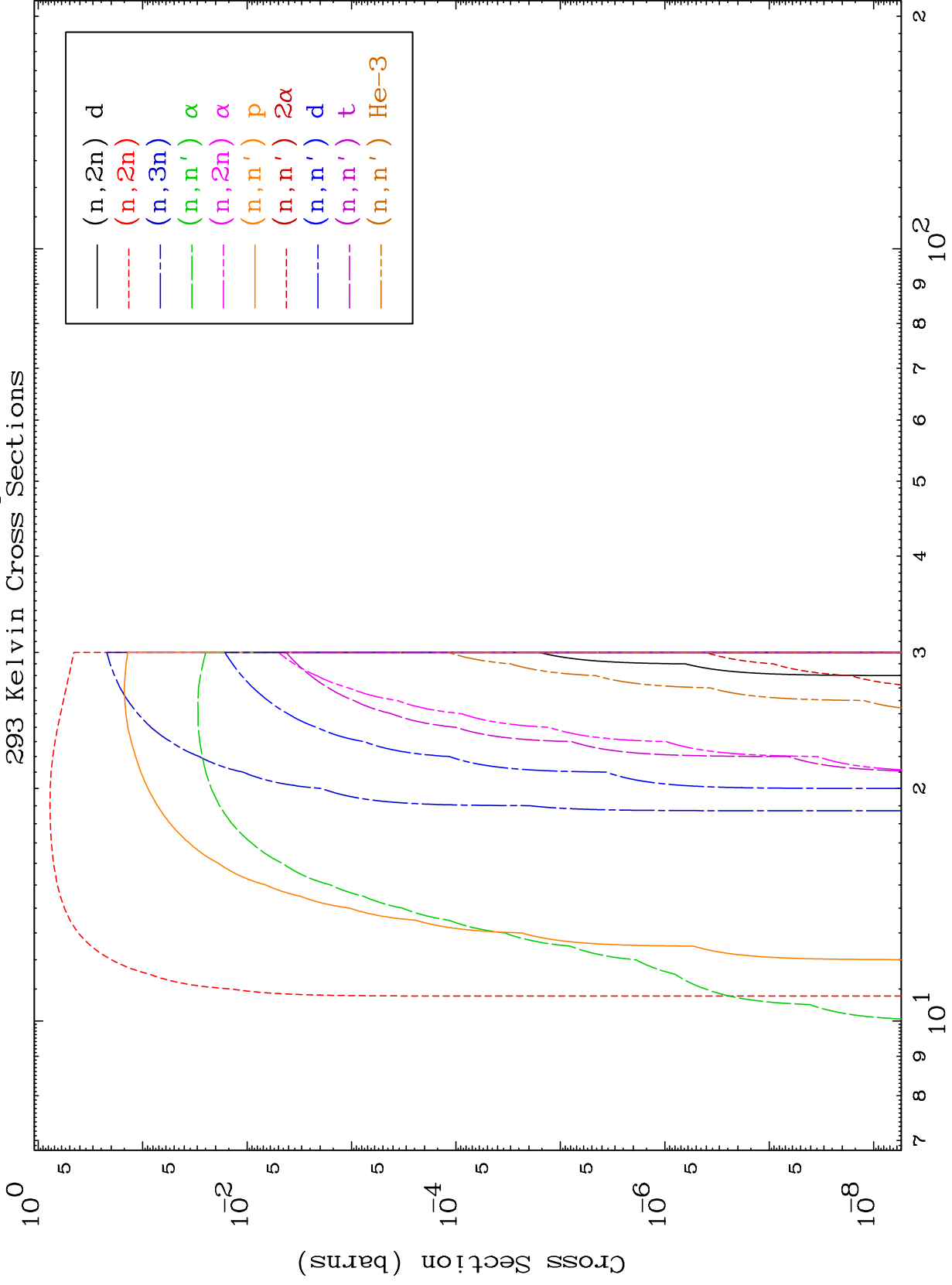
28-Ni-62



MAT 2837

Neutron Absorption
293 Kelvin Cross Sections

28-Ni-62



2

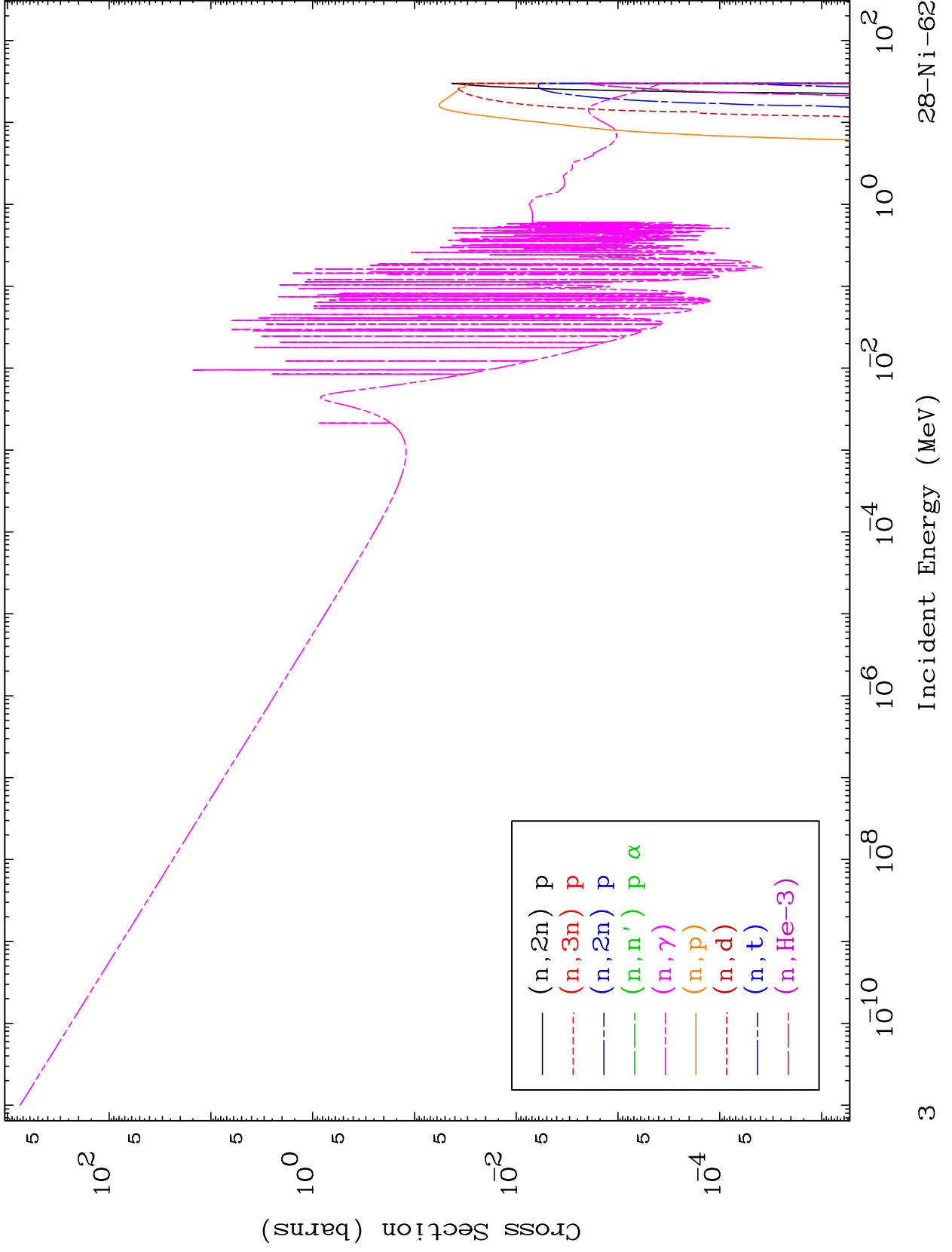
Incident Energy (MeV)

28-Ni-62

MAT 2837

Neutron Absorption
293 Kelvin Cross Sections

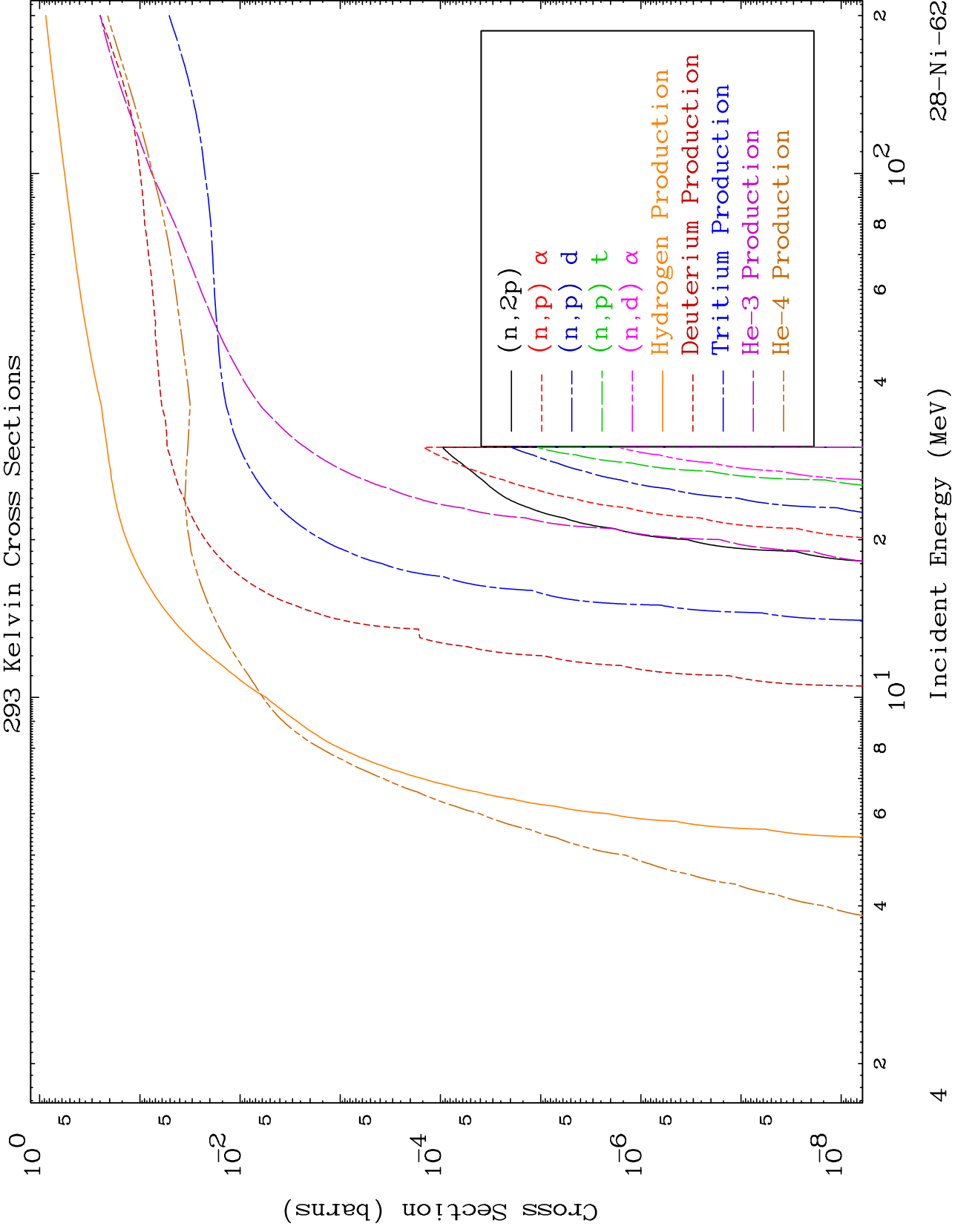
28-Ni-62



MAT 2837

Neutron Absorption
293 Kelvin Cross Sections

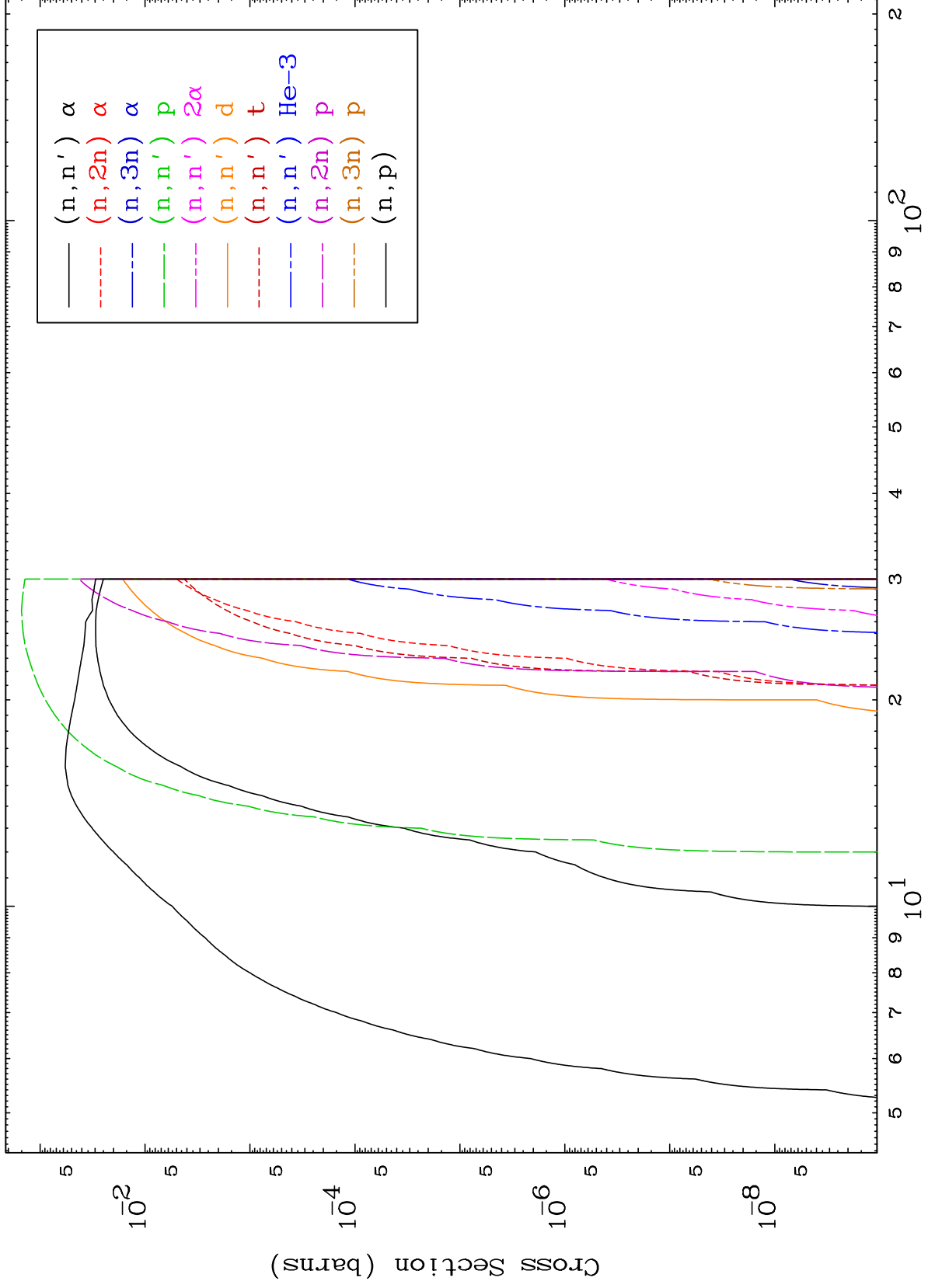
28-Ni-62



MAT 2837

Charged Particle
293 Kelvin Cross Sections

28-Ni-62



5

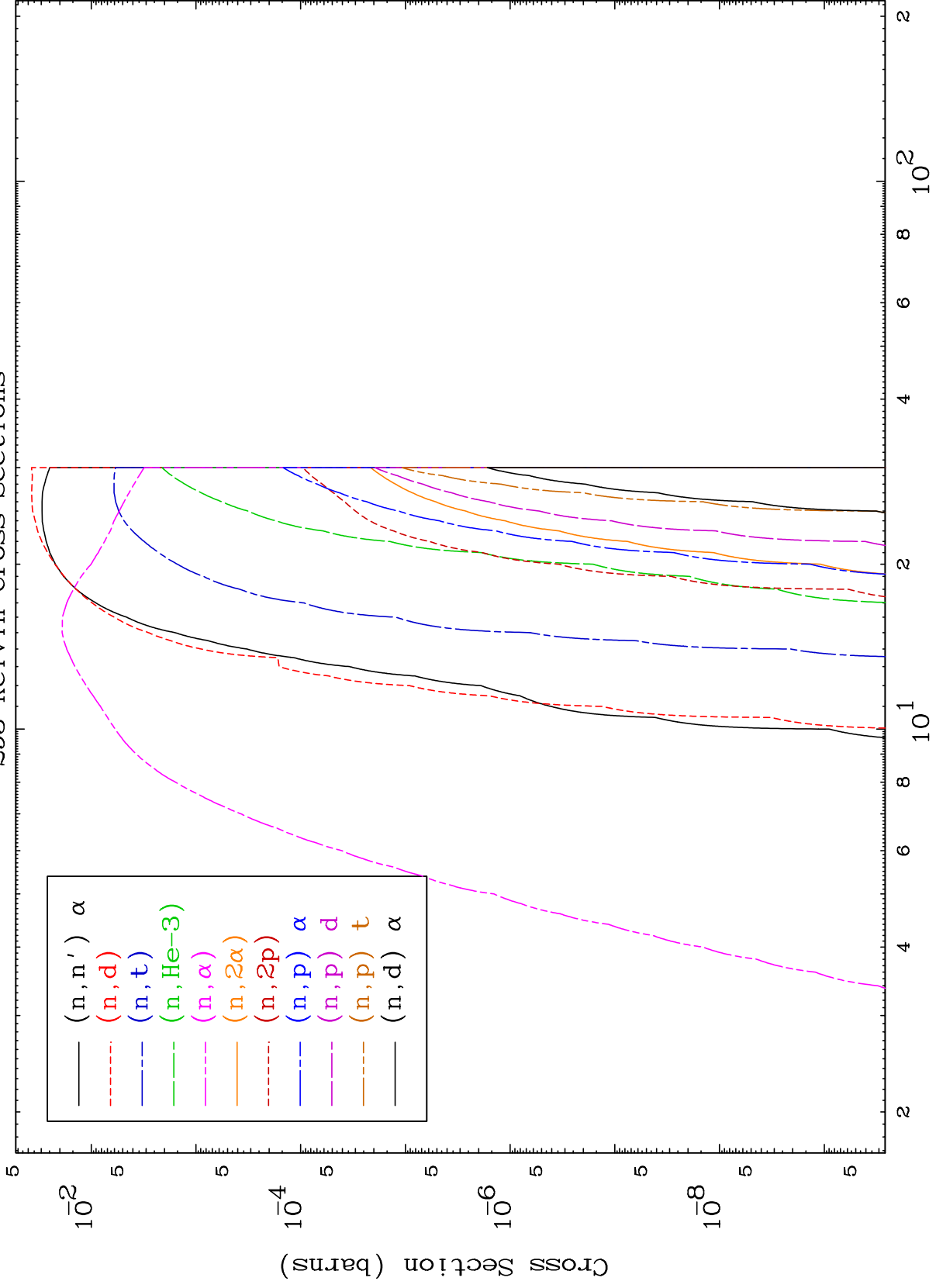
Incident Energy (MeV)

28-Ni-62

MAT 2837

Charged Particle
293 Kelvin Cross Sections

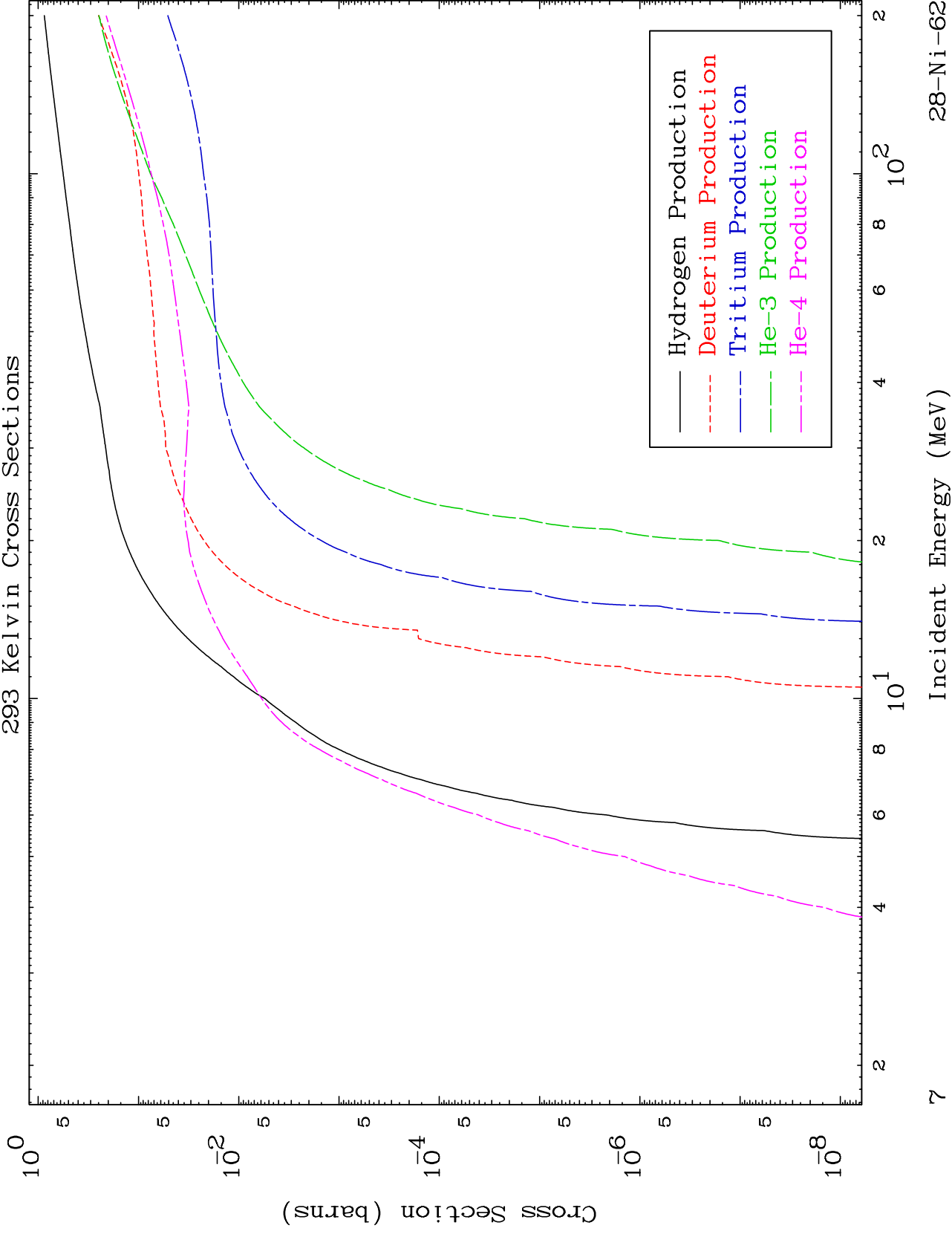
28-Ni-62

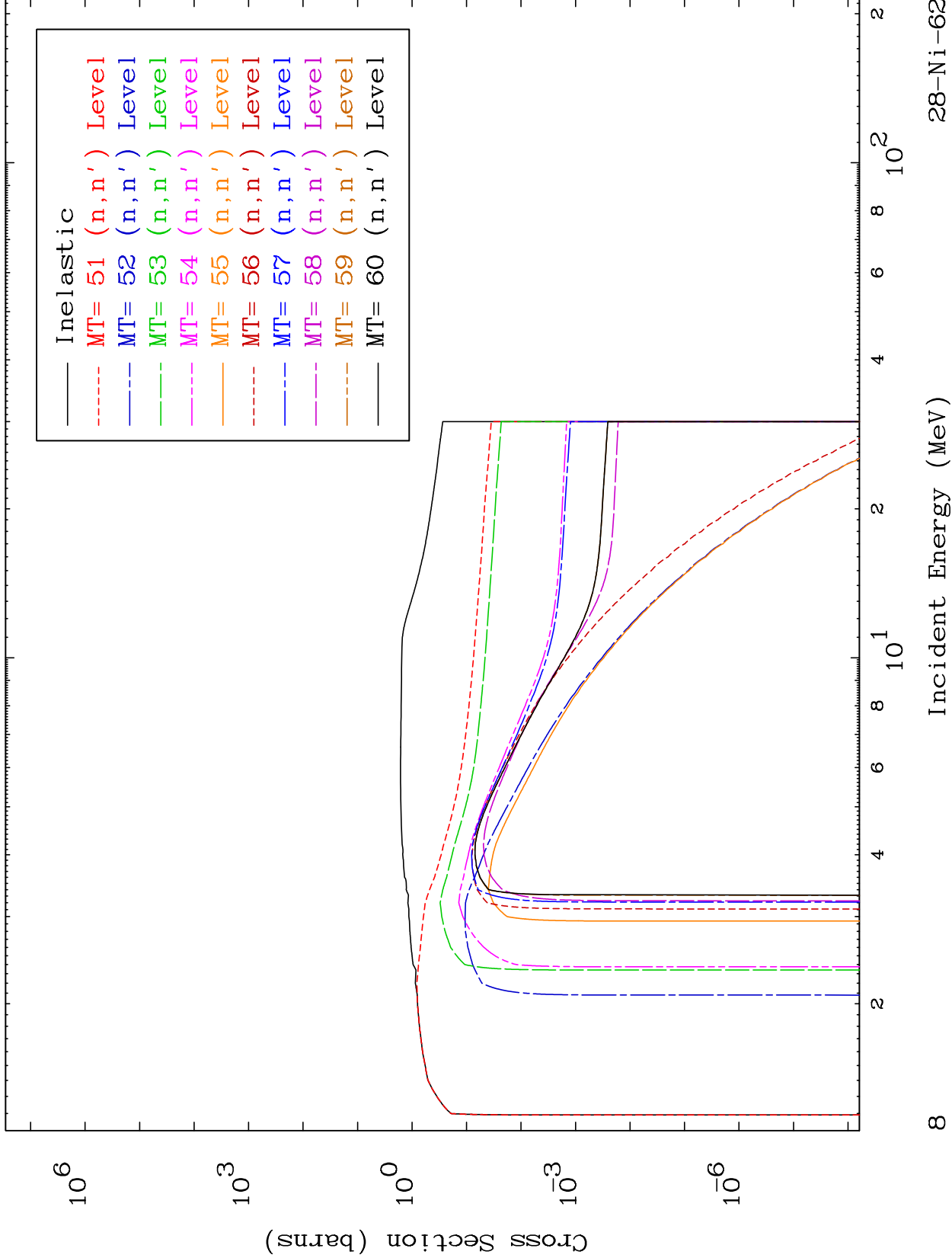


6

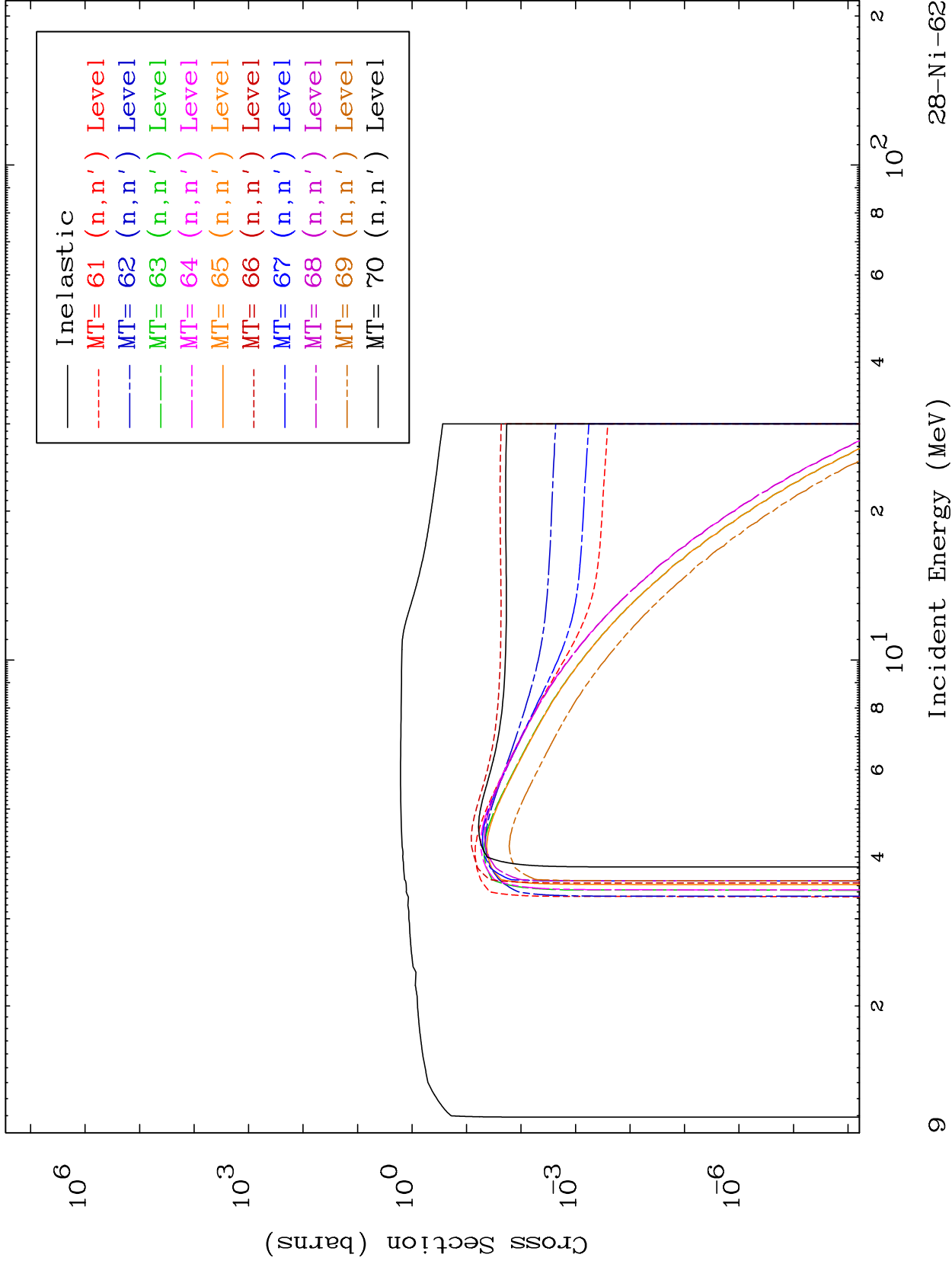
Incident Energy (MeV)

28-Ni-62





293 Kelvin Cross Sections

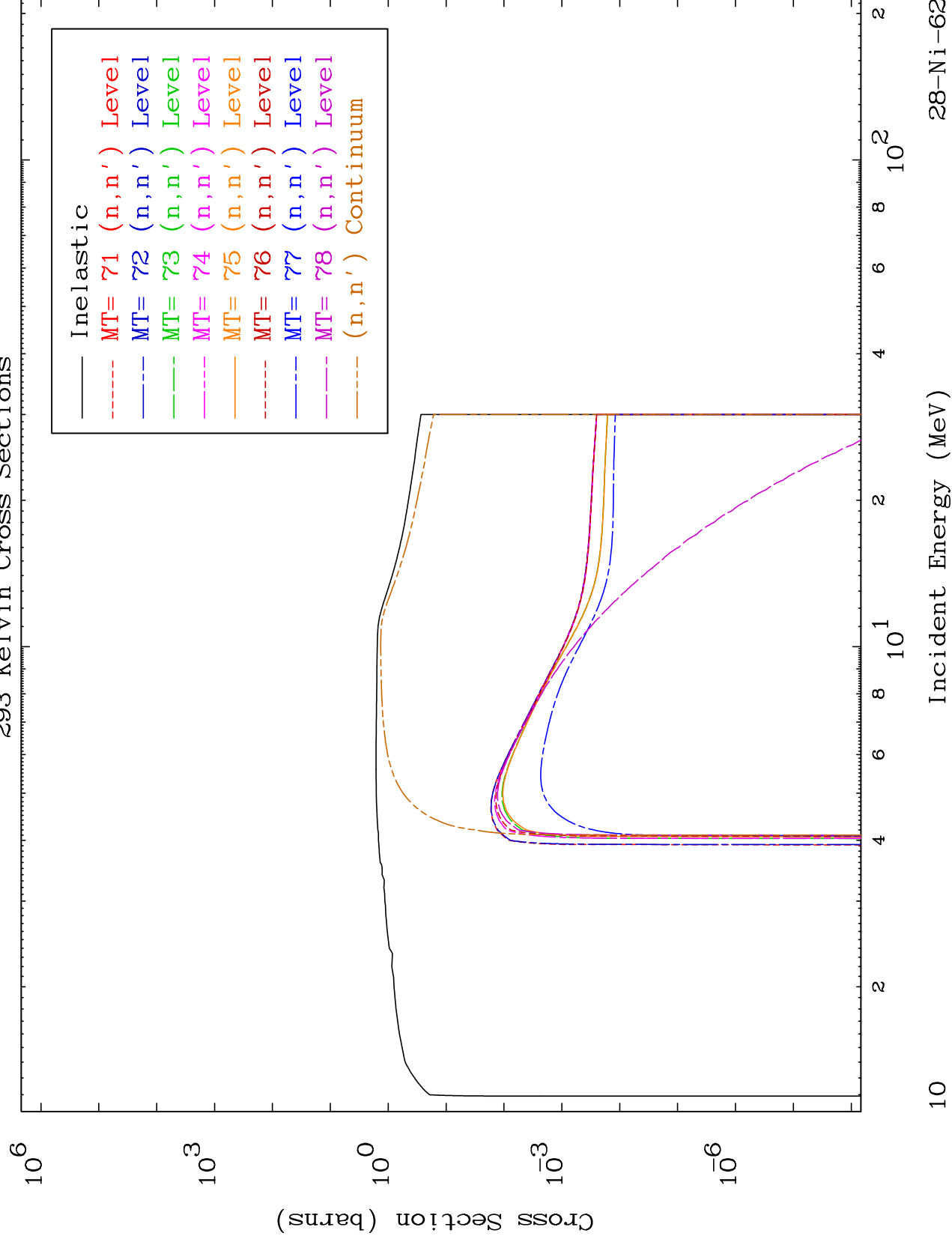


MAT 2837

(n,n') Levels

293 Kelvin Cross Sections

28-Ni-62



10

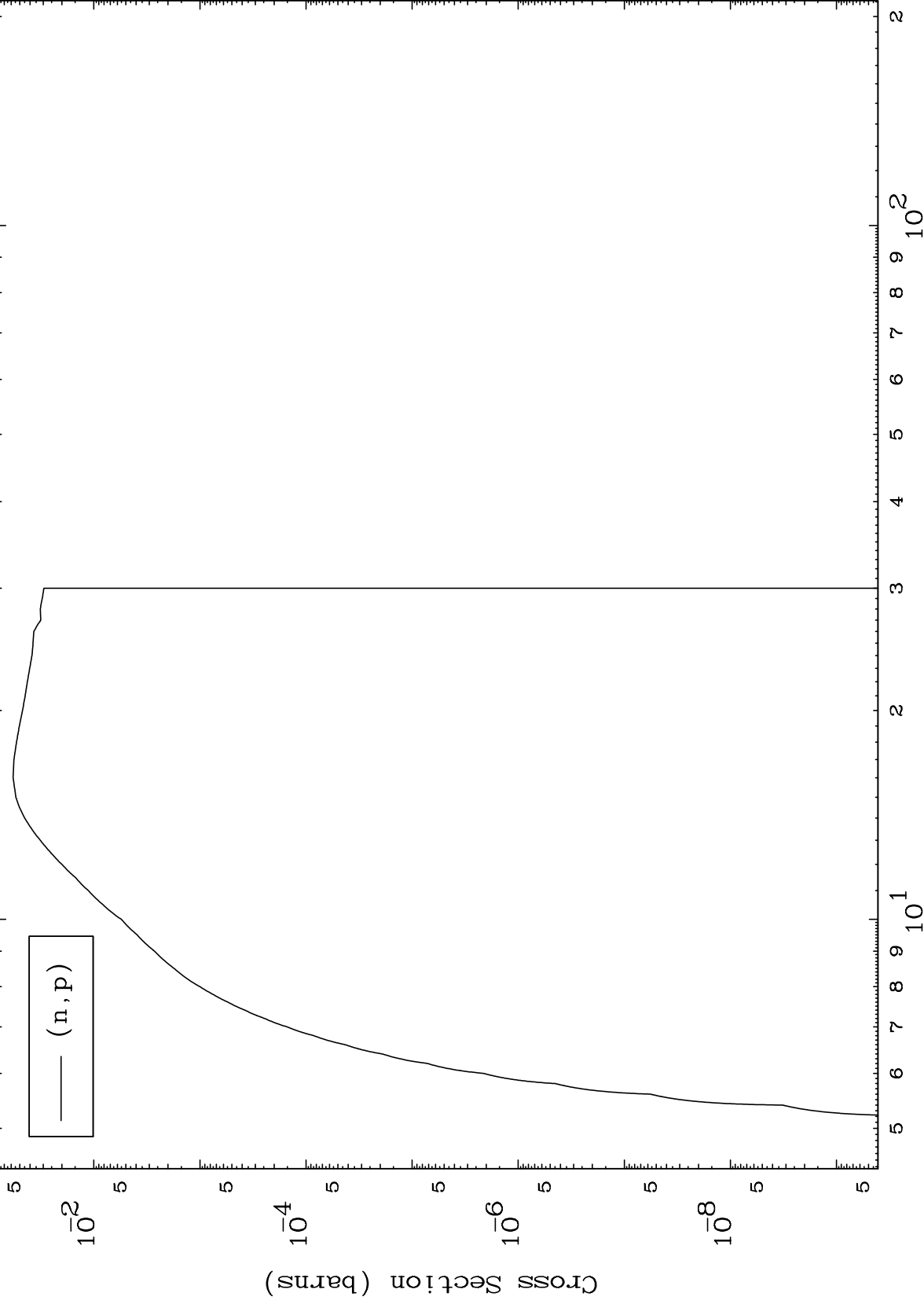
Incident Energy (MeV)

28-Ni-62

MAT 2837

(n,p) Levels
293 Kelvin Cross Sections

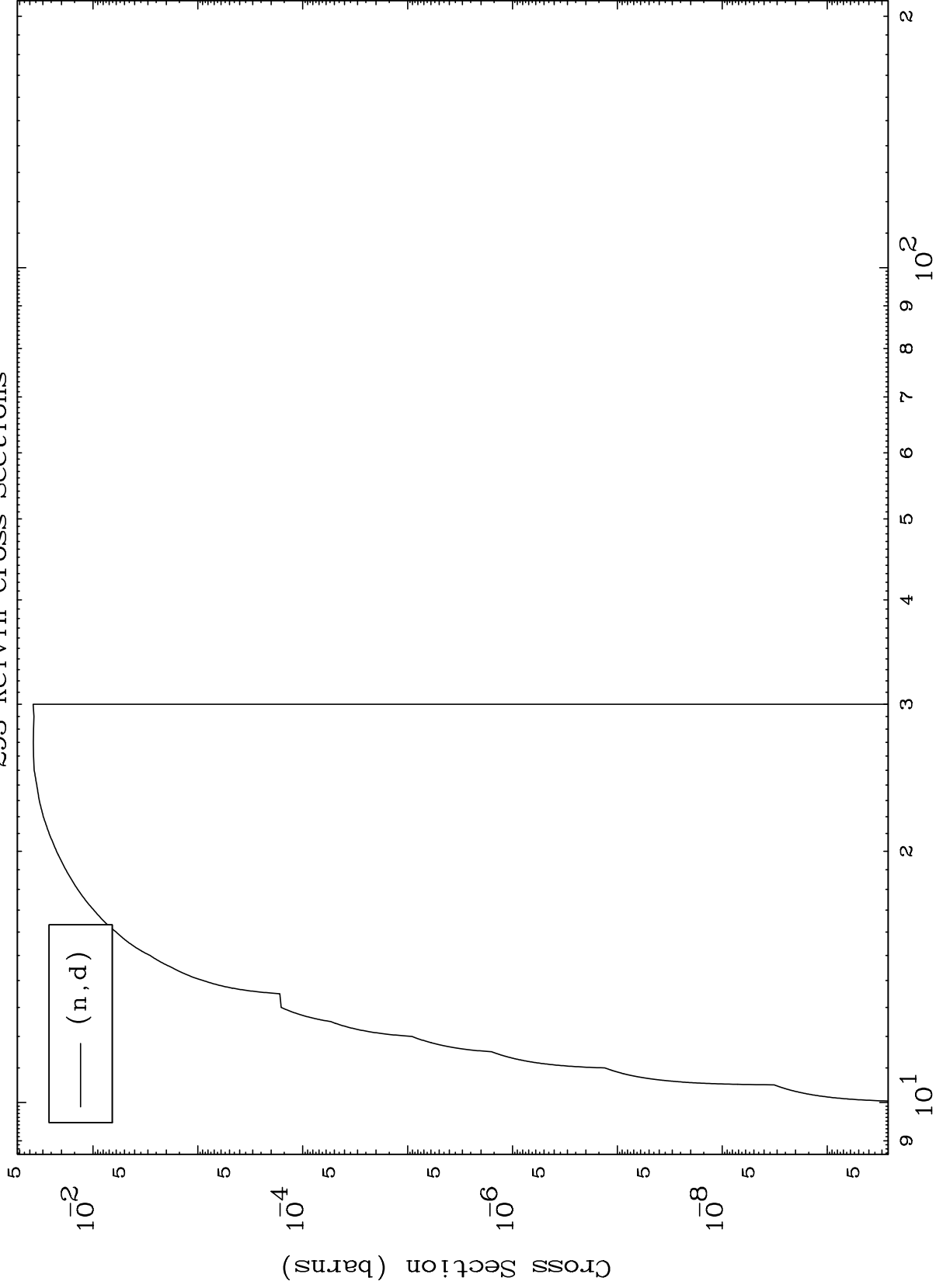
28-Ni-62



MAT 2837

(n,d) Levels
293 Kelvin Cross Sections

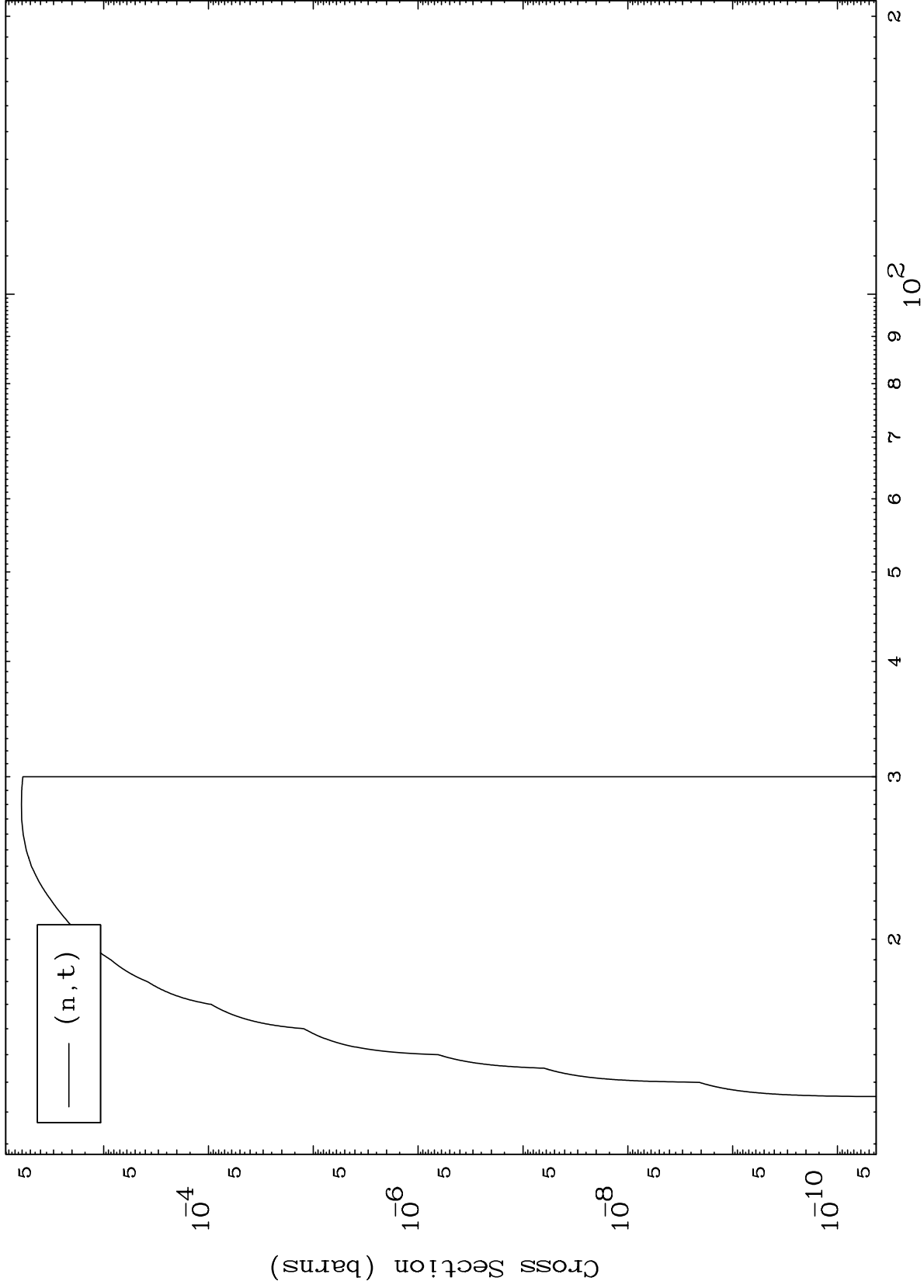
28-Ni-62



Incident Energy (MeV)

28-Ni-62

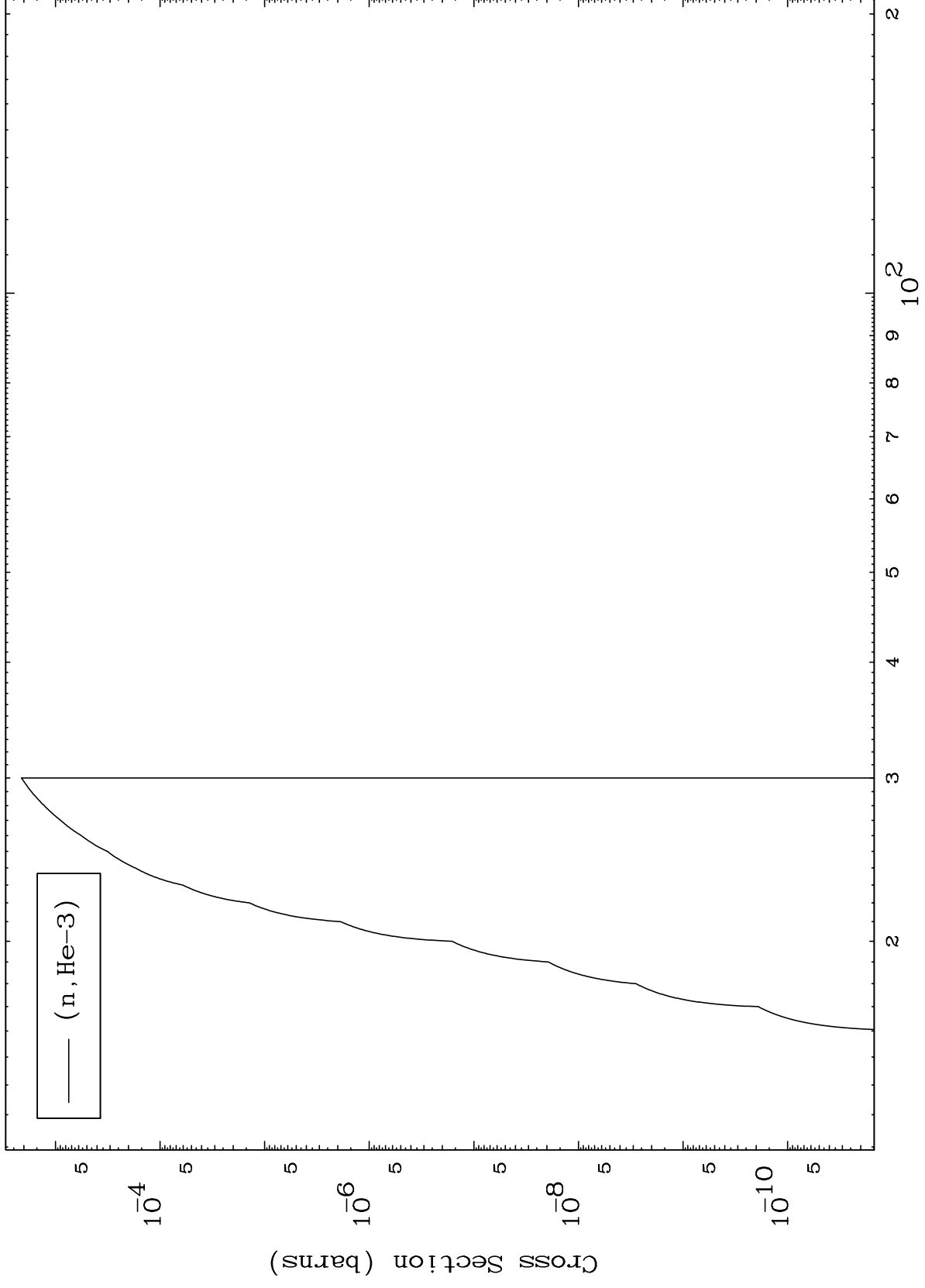
12



MAT 2837

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-62



14

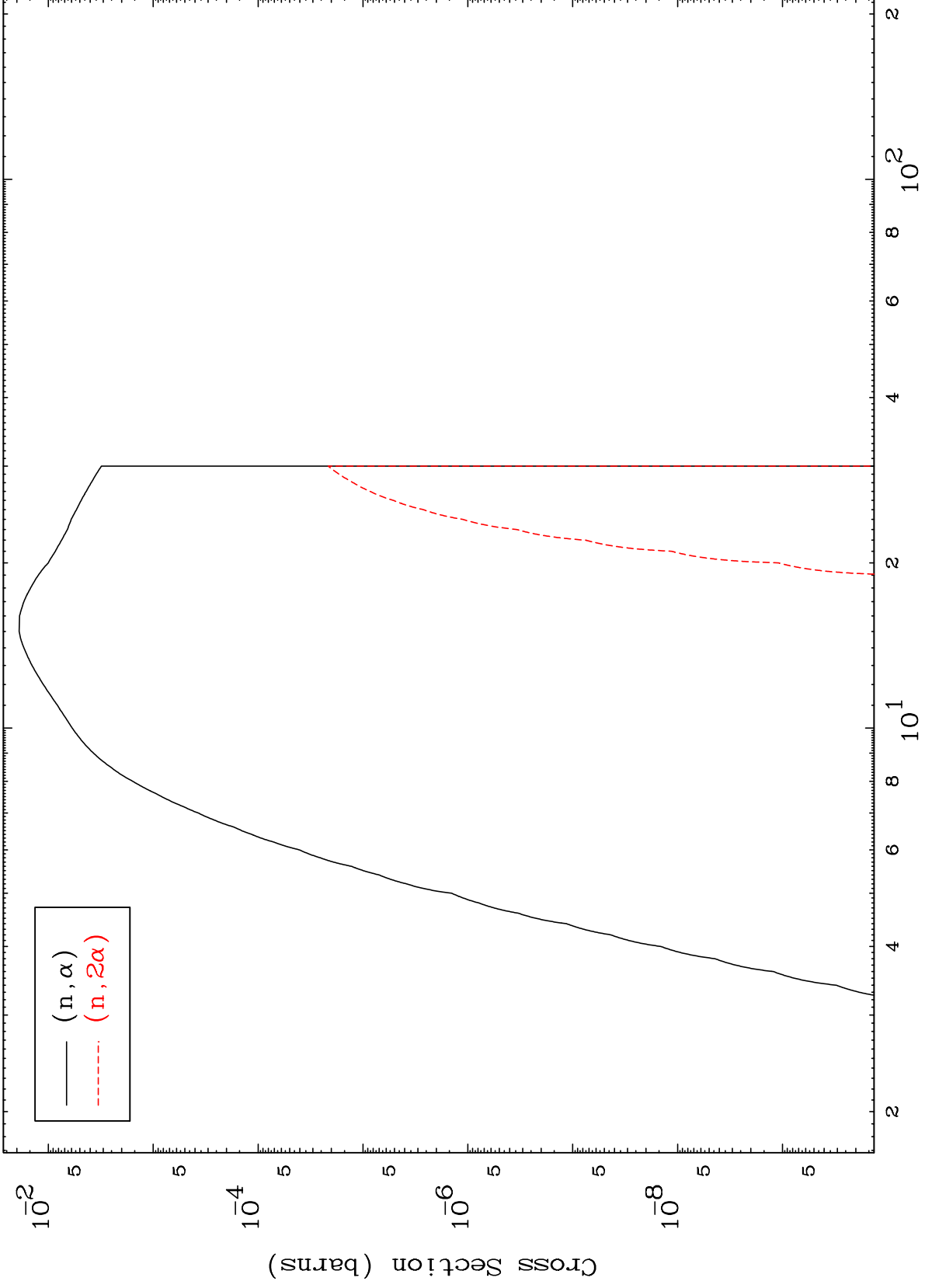
Incident Energy (MeV)

28-Ni-62

MAT 2837

(n, α) Levels
293 Kelvin Cross Sections

28-Ni-62



15

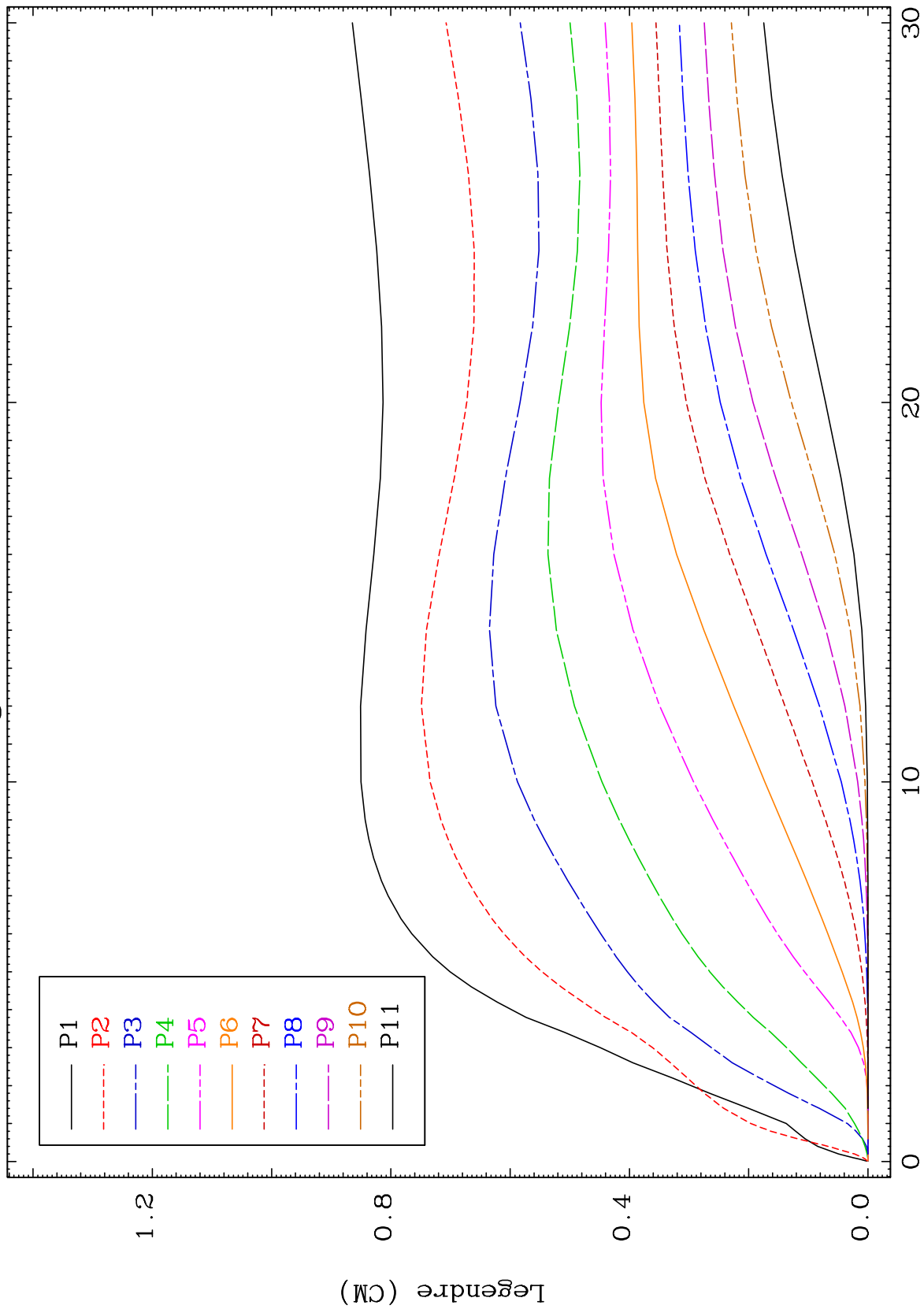
Incident Energy (MeV)

28-Ni-62

MAT 2837

Elastic Legendre Coefficients

28-Ni-62



16

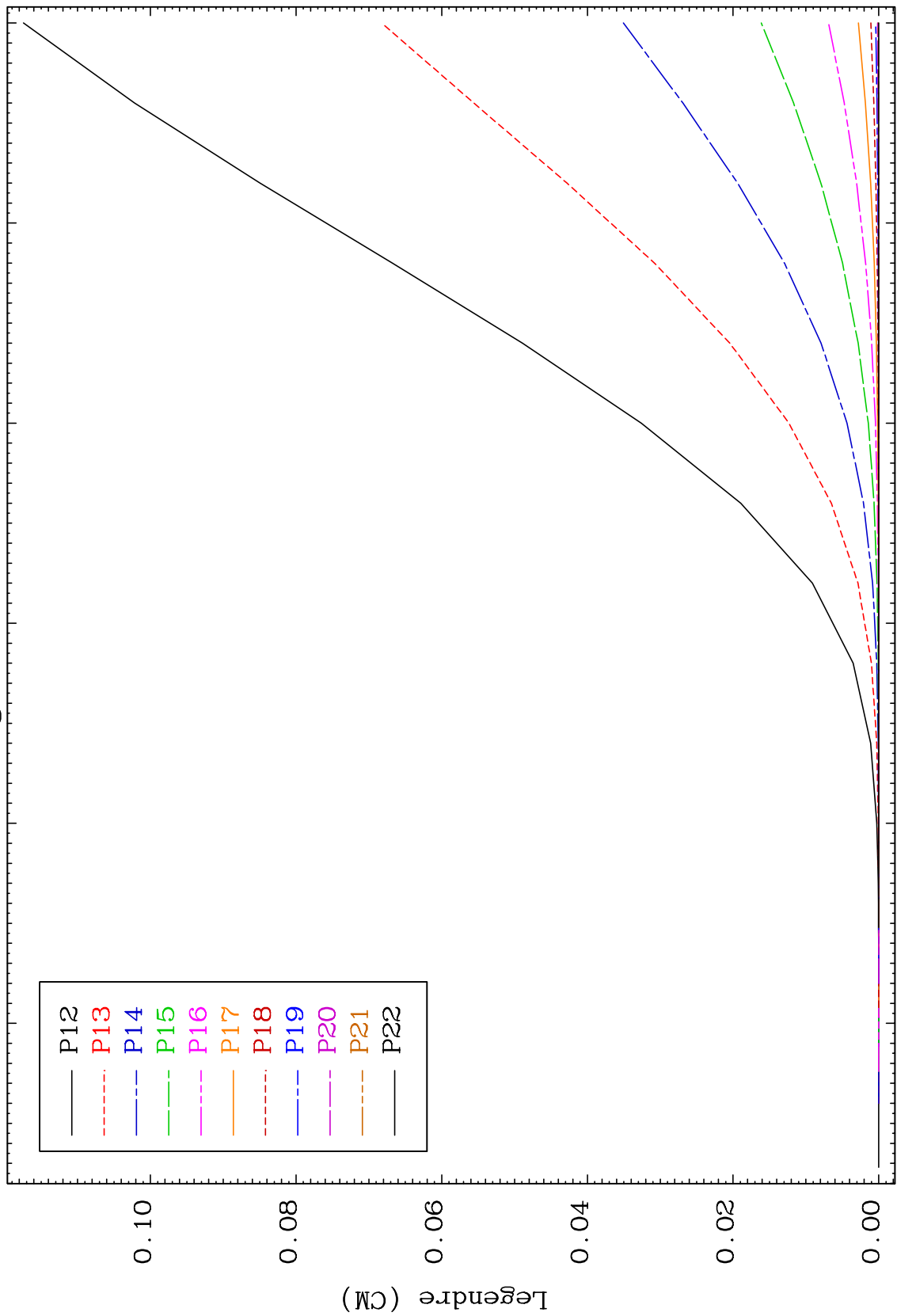
Incident Energy (MeV)

28-Ni-62

MAT 2837

Elastic Legendre Coefficients

28-Ni-62



17

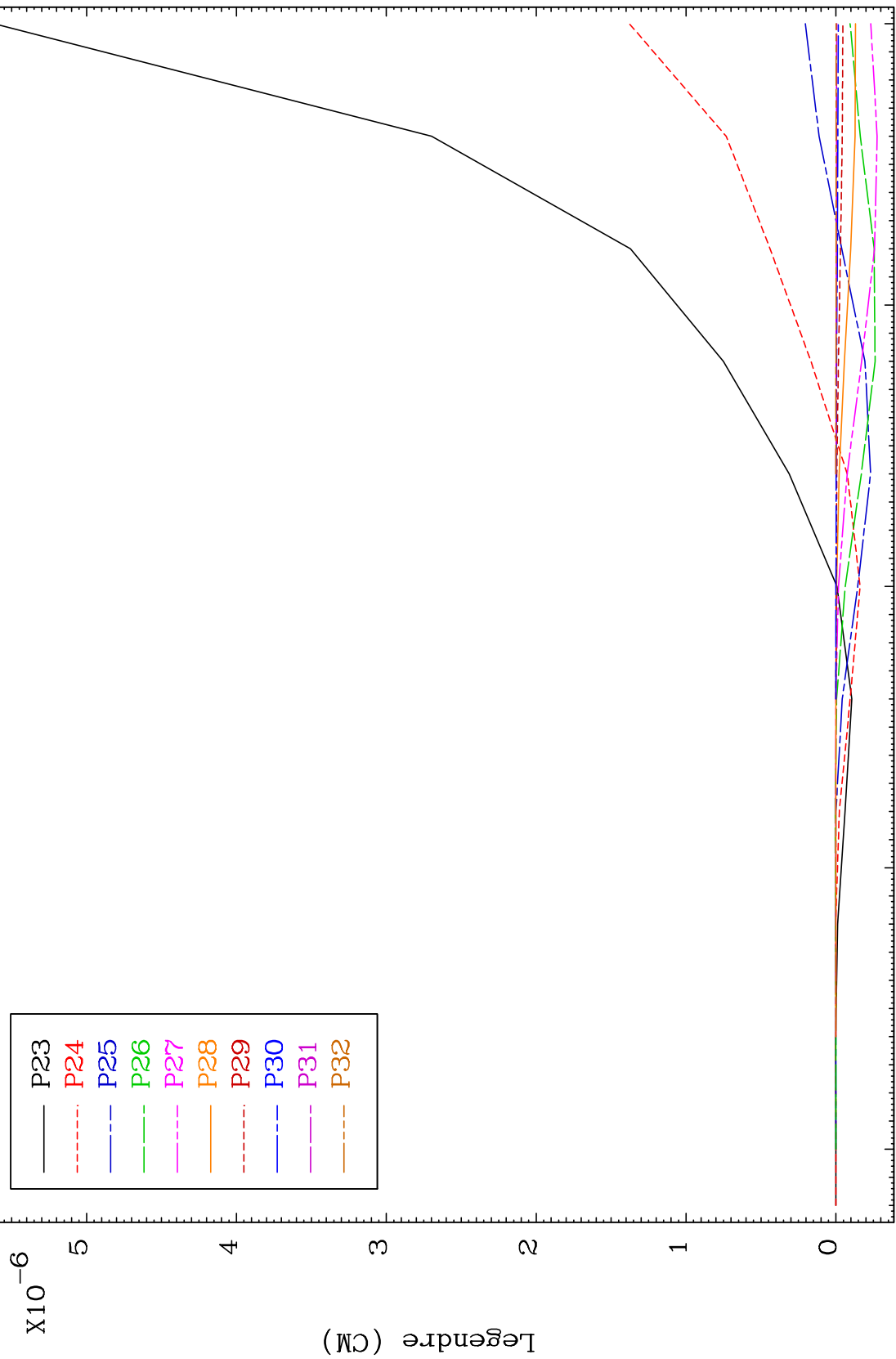
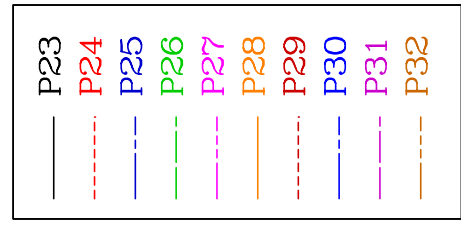
28-Ni-62

Incident Energy (MeV)

MAT 2837

Elastic
Legendre Coefficients

28-Ni-62



18

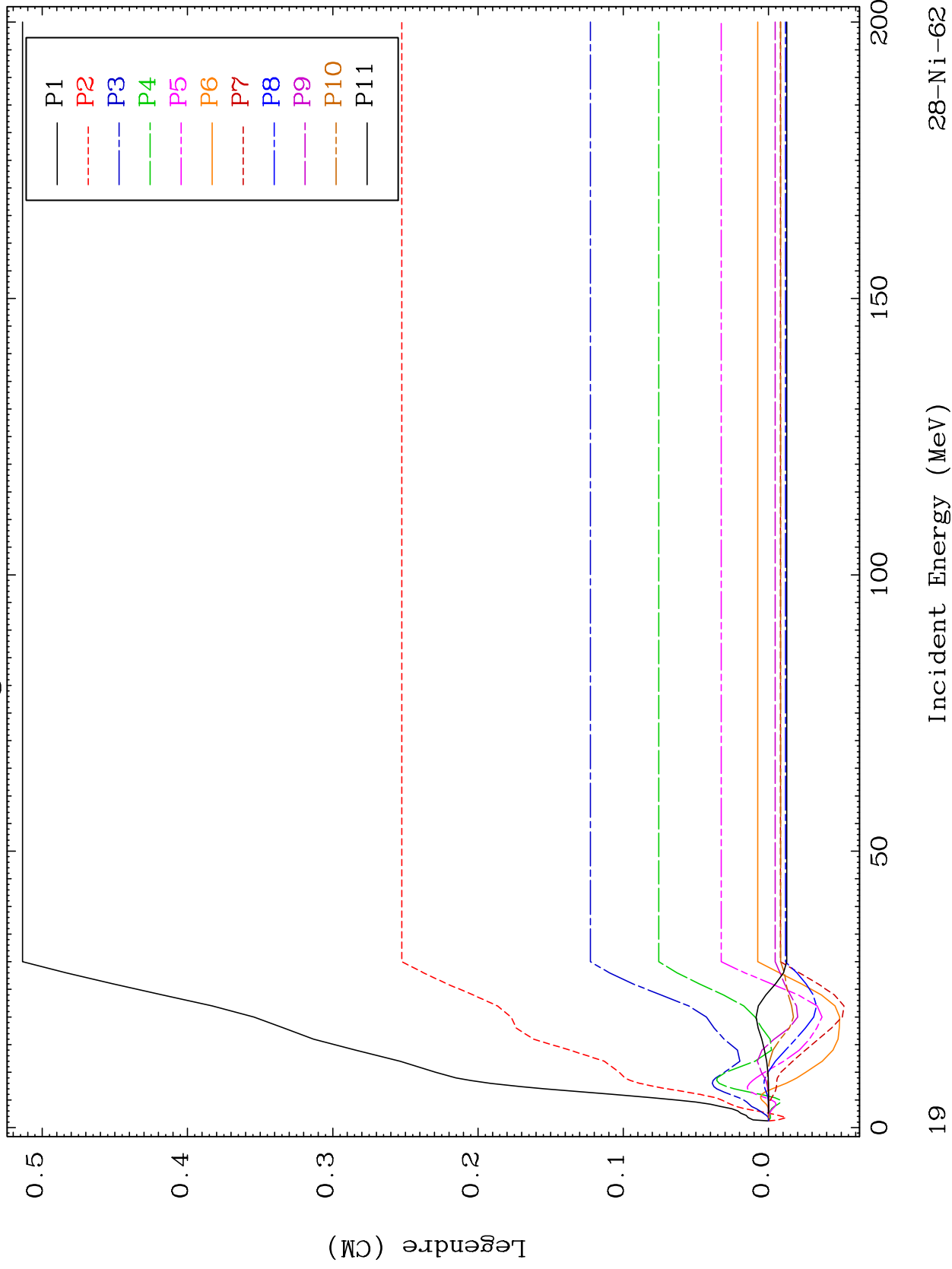
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62

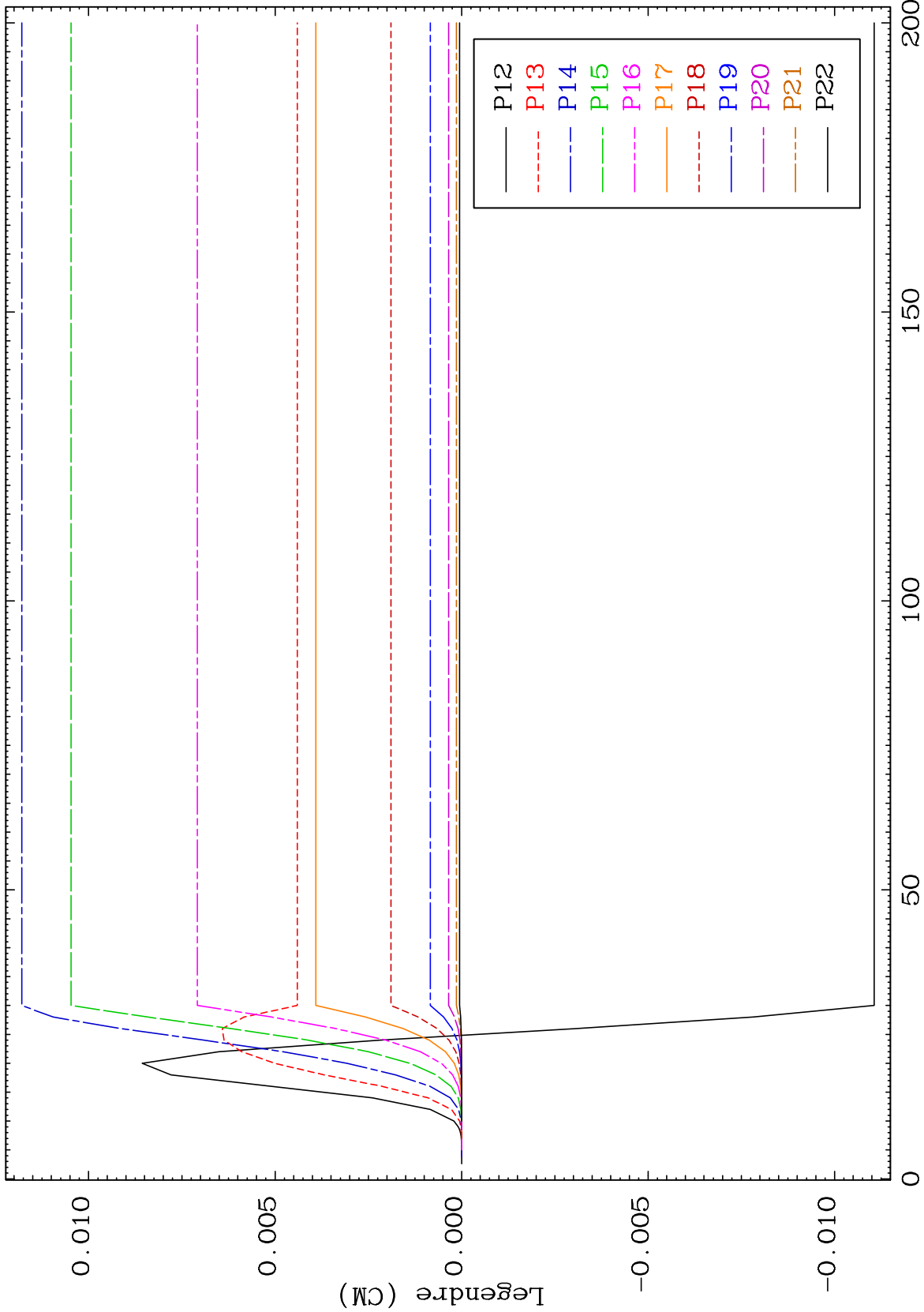


19

MAT 2837

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

28-Ni-62



20

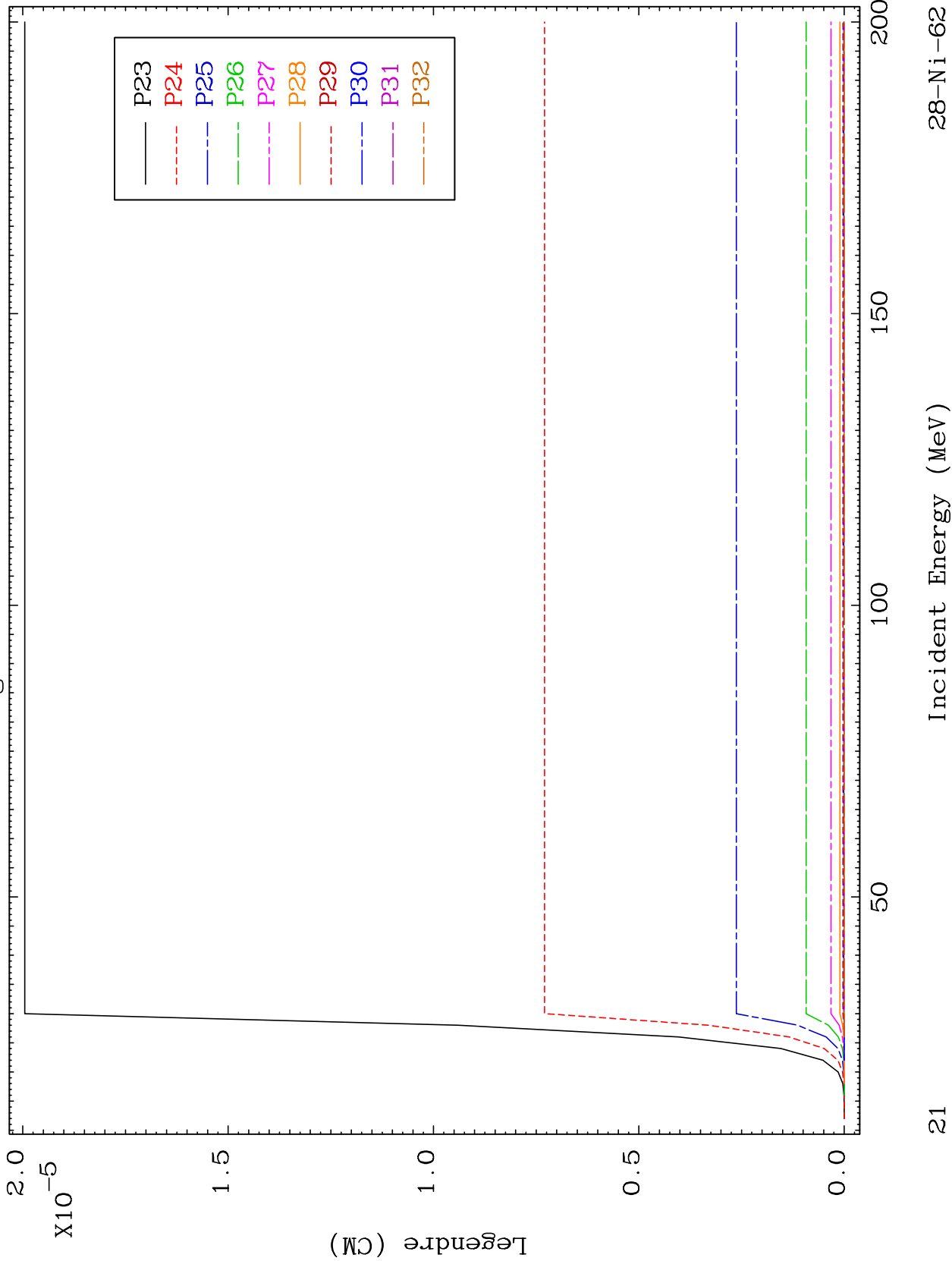
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

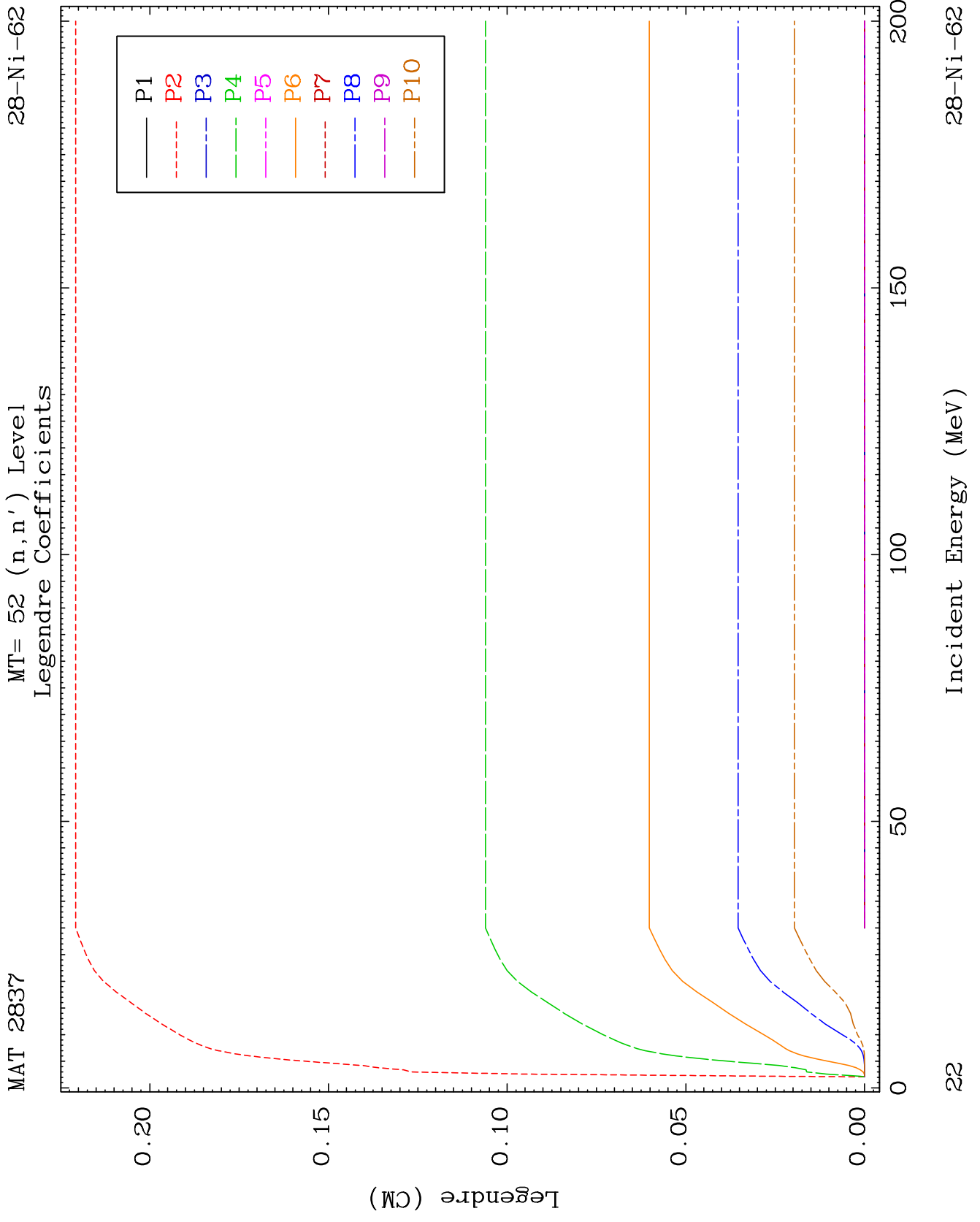
28-Ni-62



21

Incident Energy (MeV)

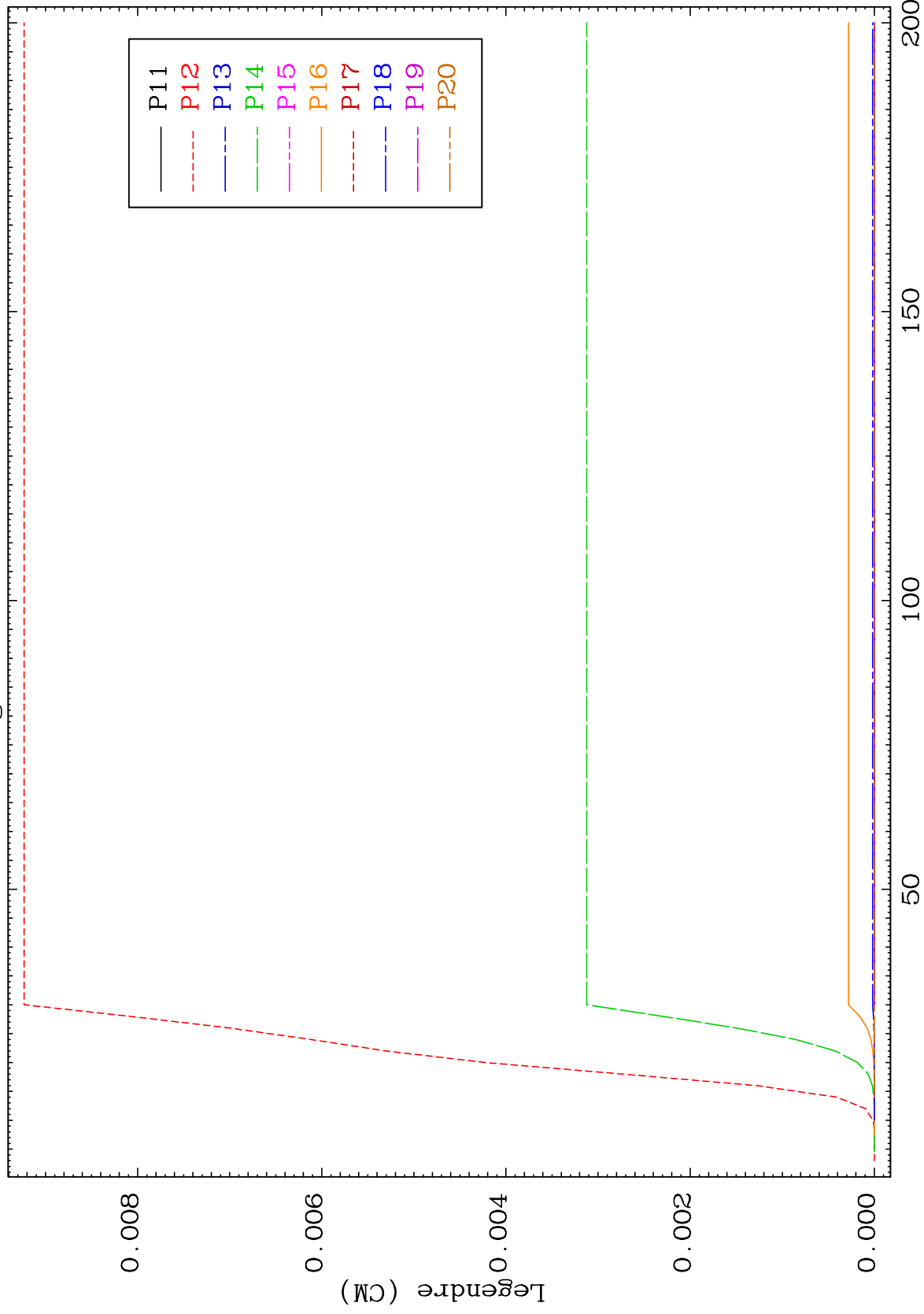
28-Ni-62



MAT 2837

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

28-Ni-62



23

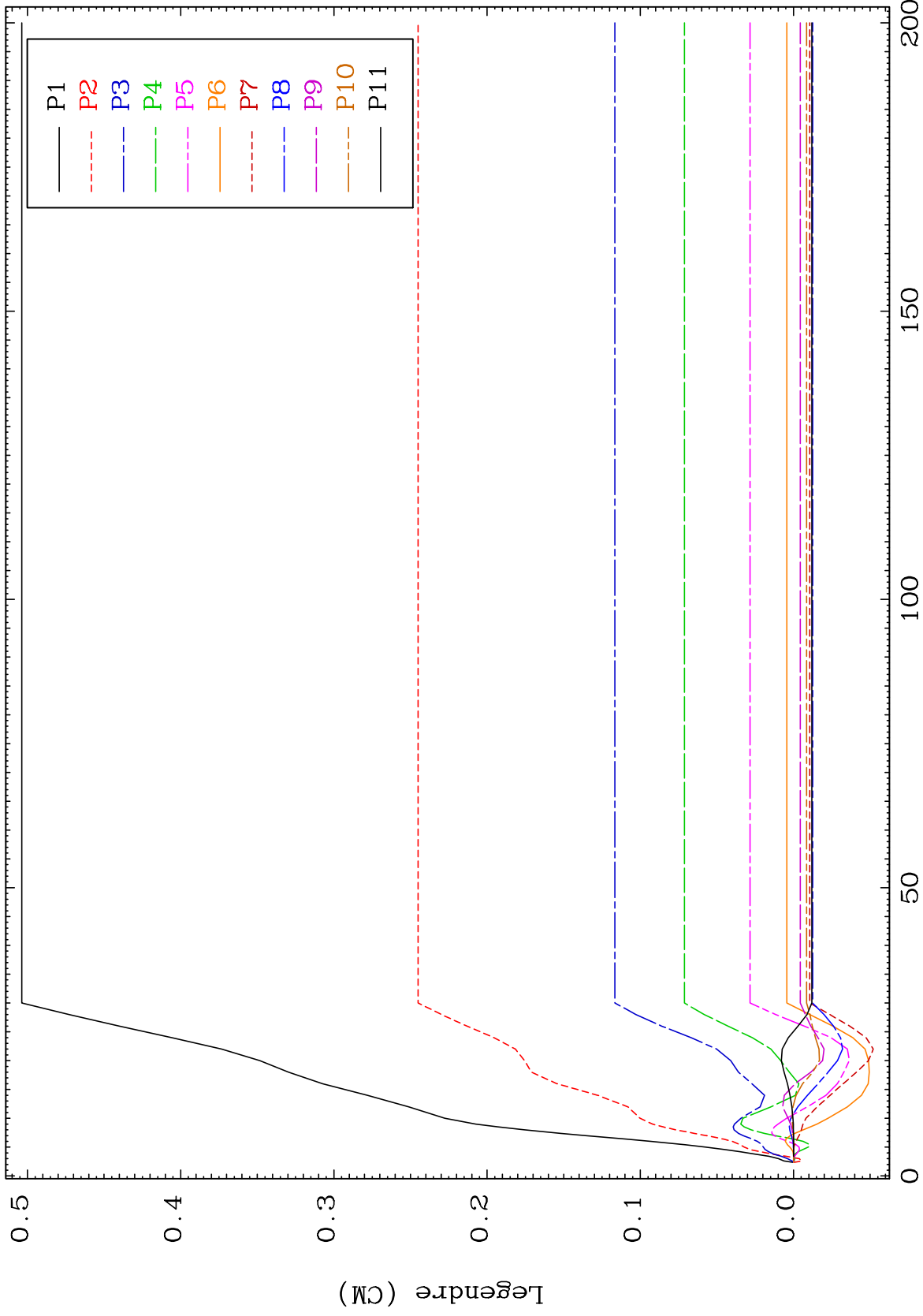
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

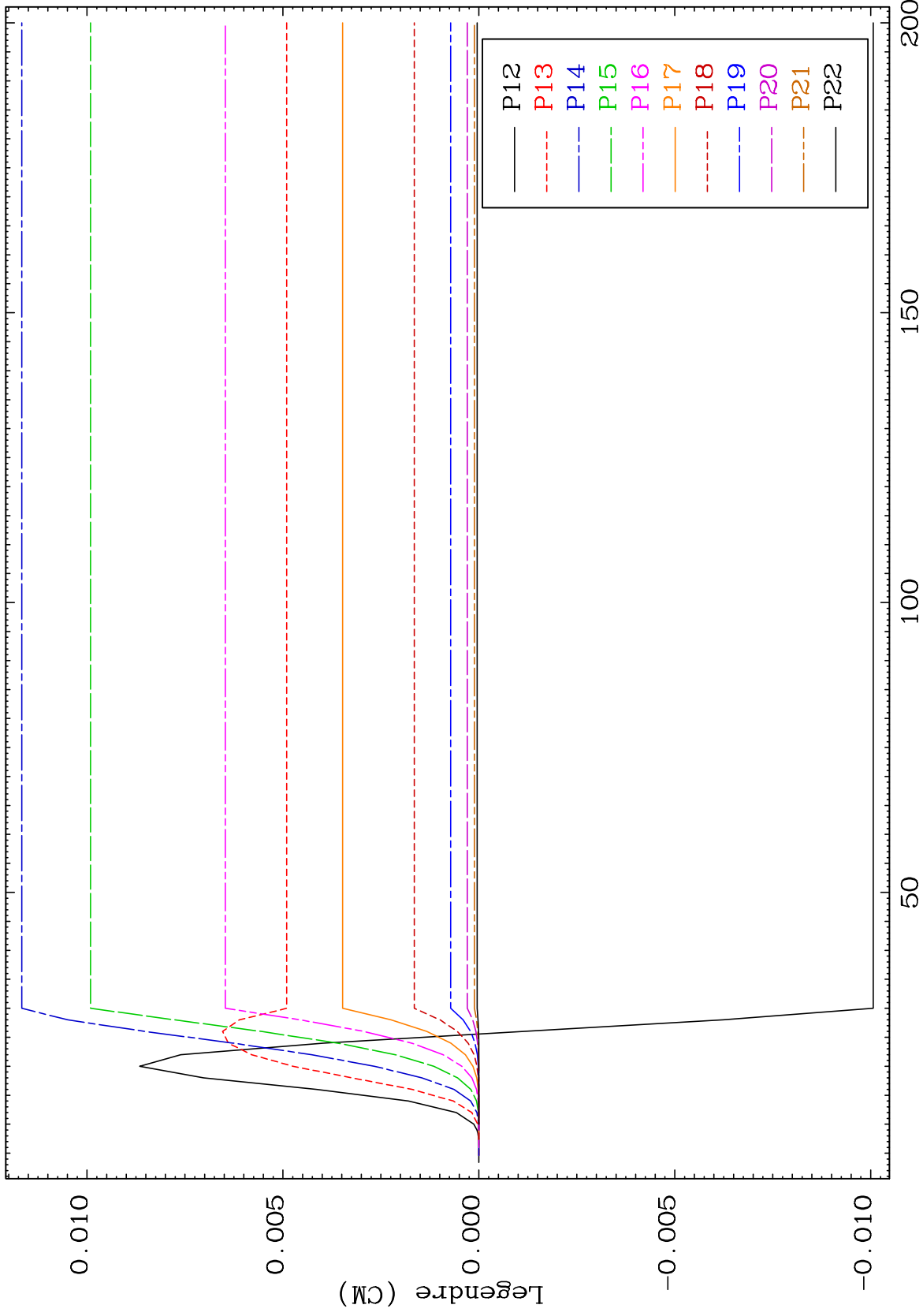
28-Ni-62



28-Ni-62

Incident Energy (MeV)

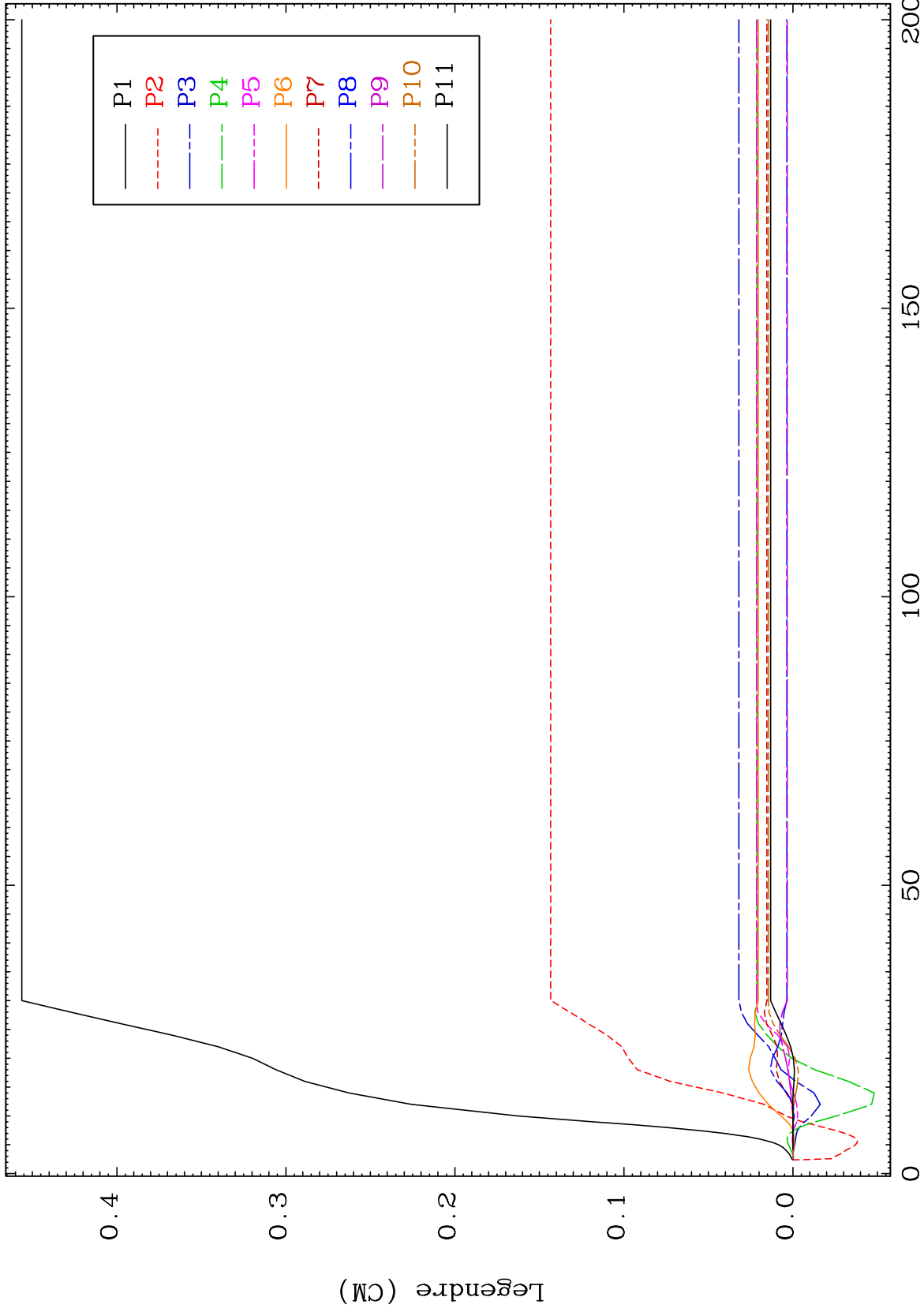
25



MAT 2837

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

28-Ni-62



28

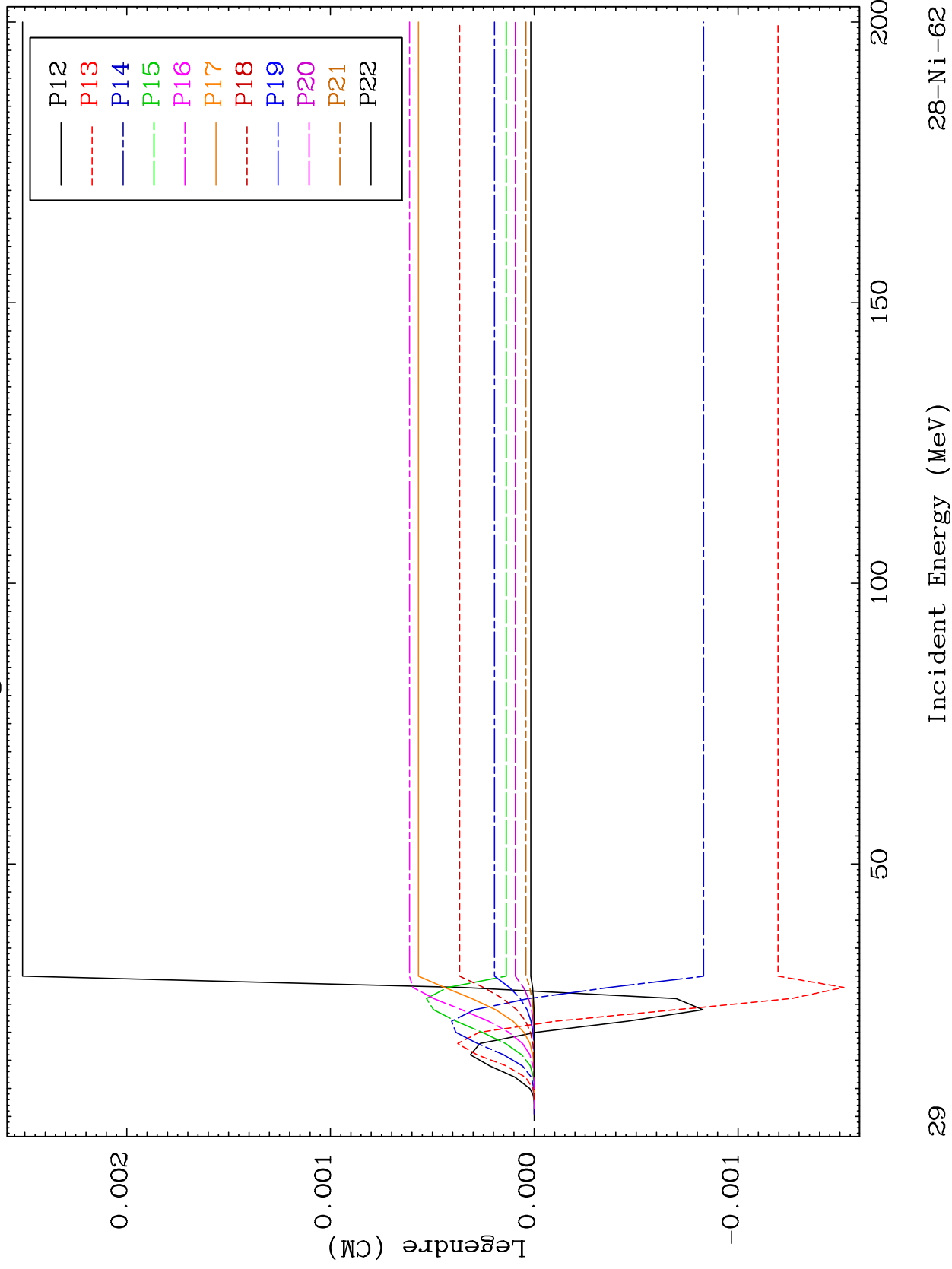
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



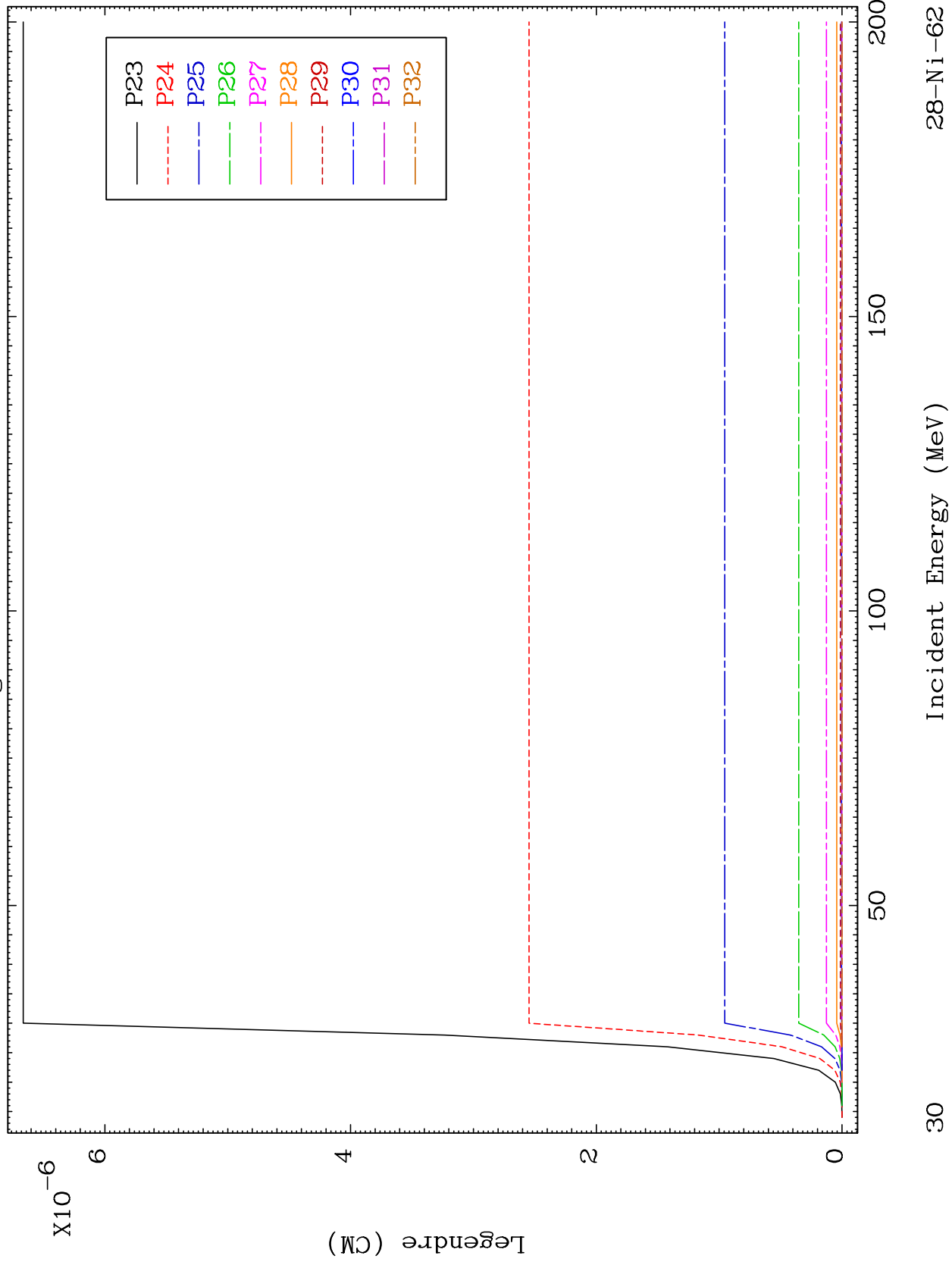
29

28-Ni-62

MAT 2837

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

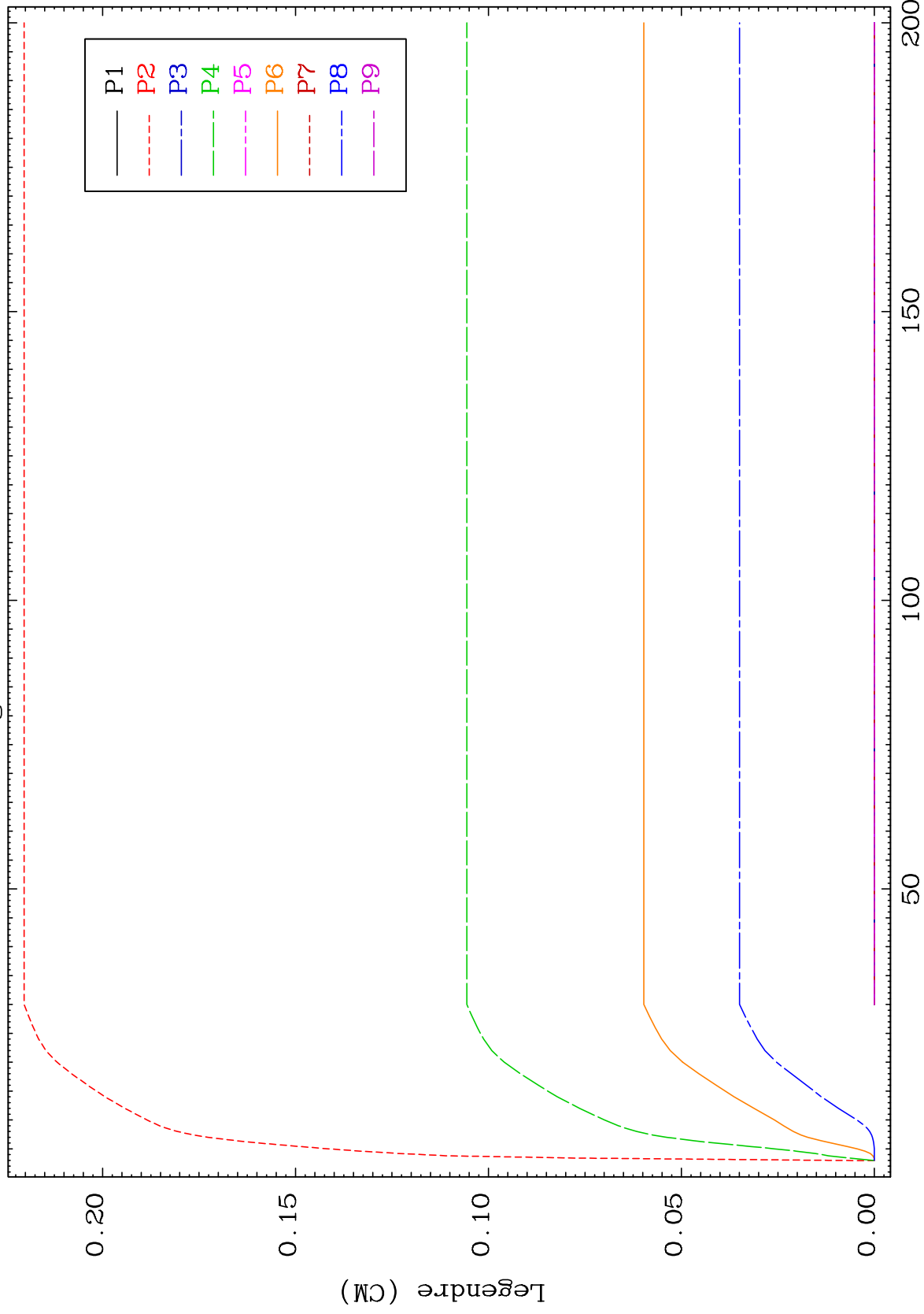
28-Ni-62



MAT 2837

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

28-Ni-62



31

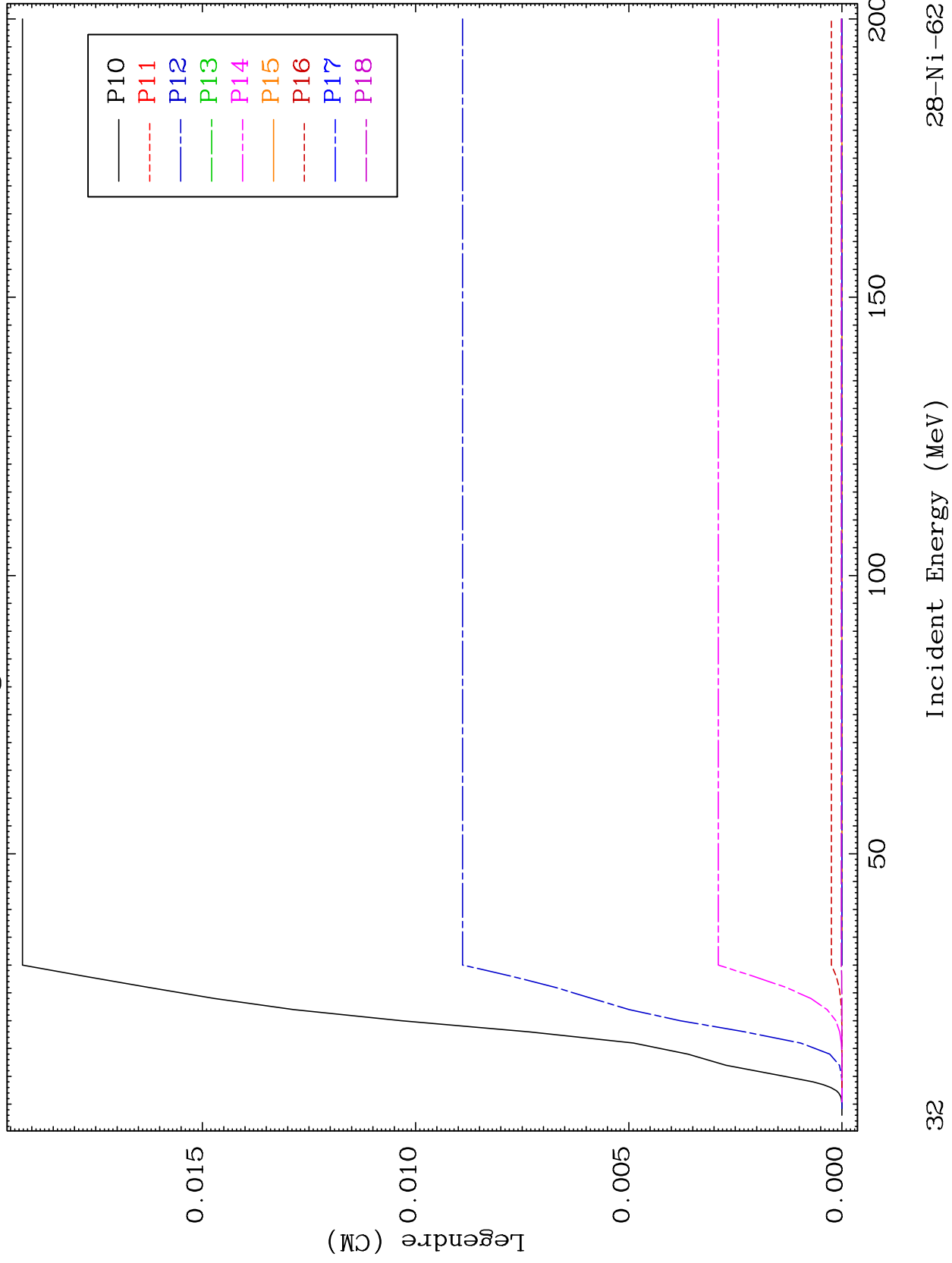
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



32

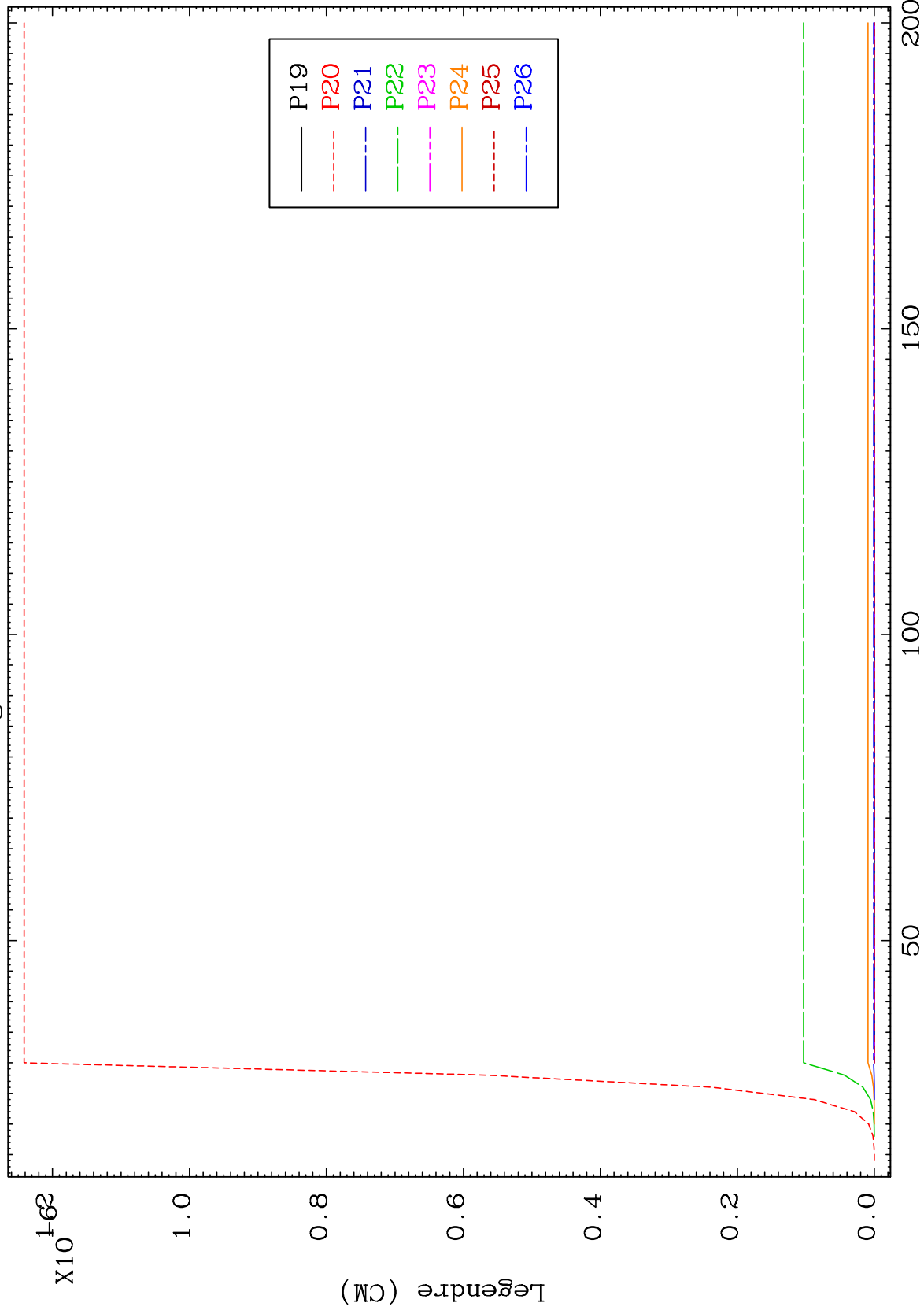
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



33

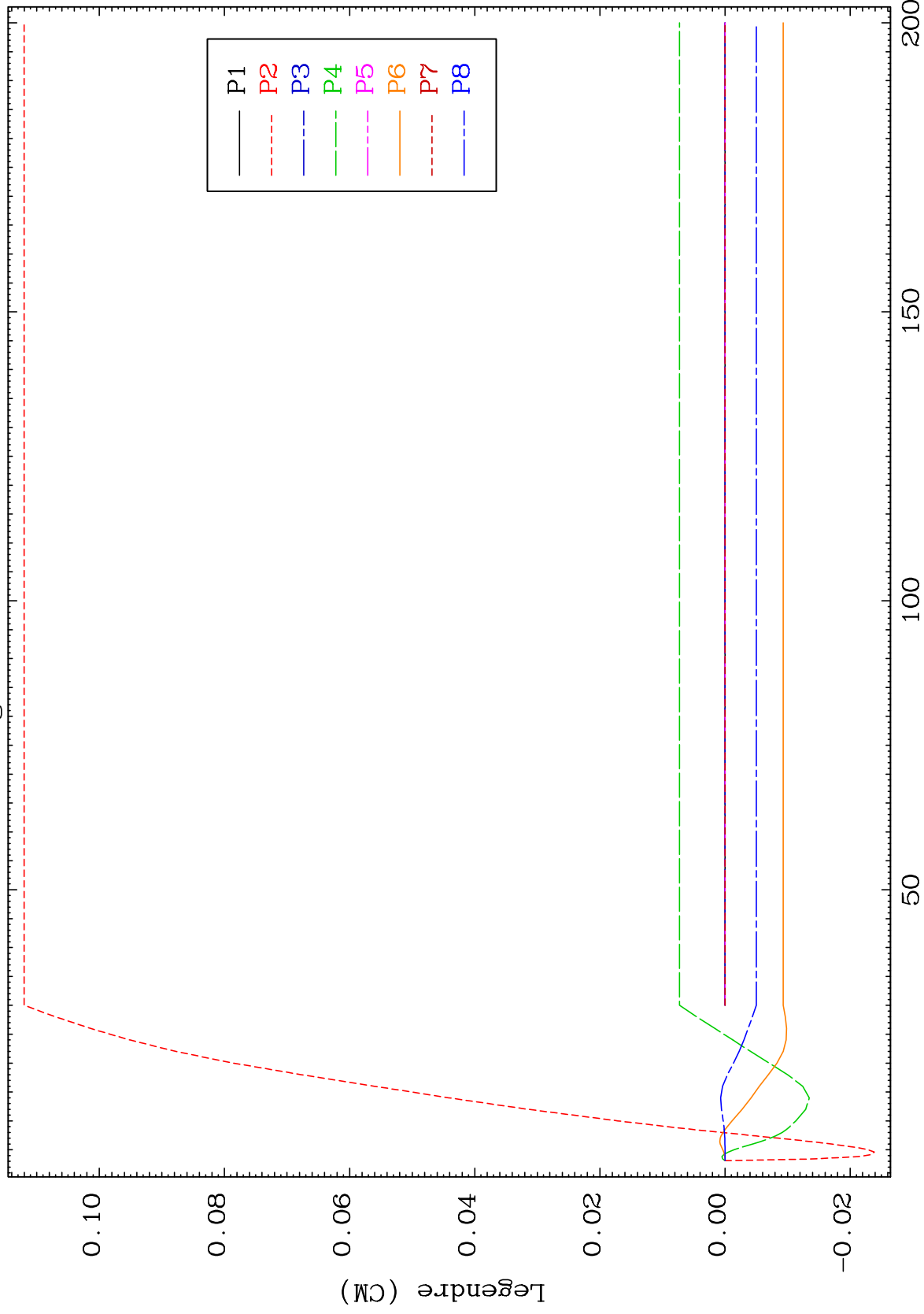
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



34

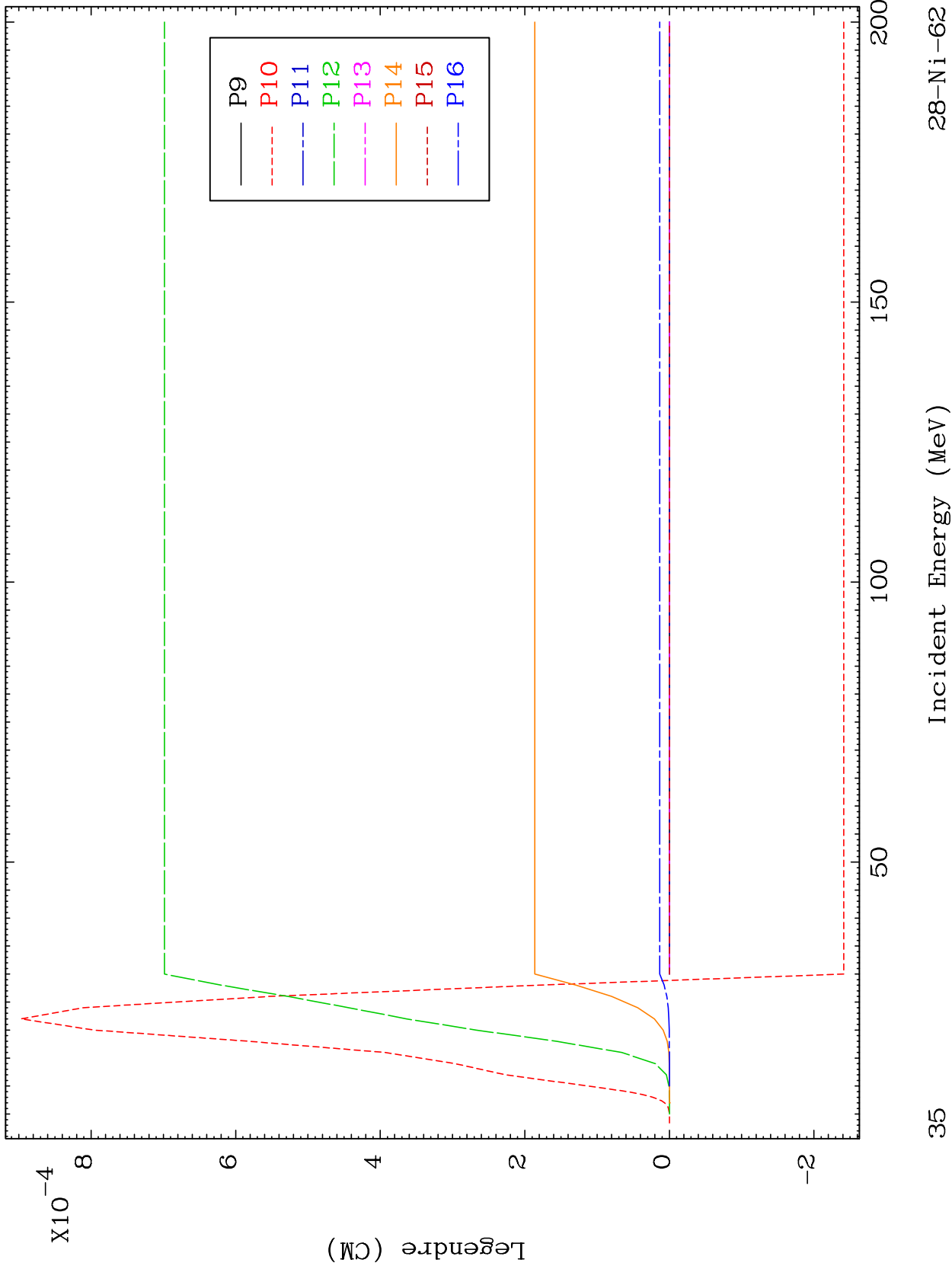
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

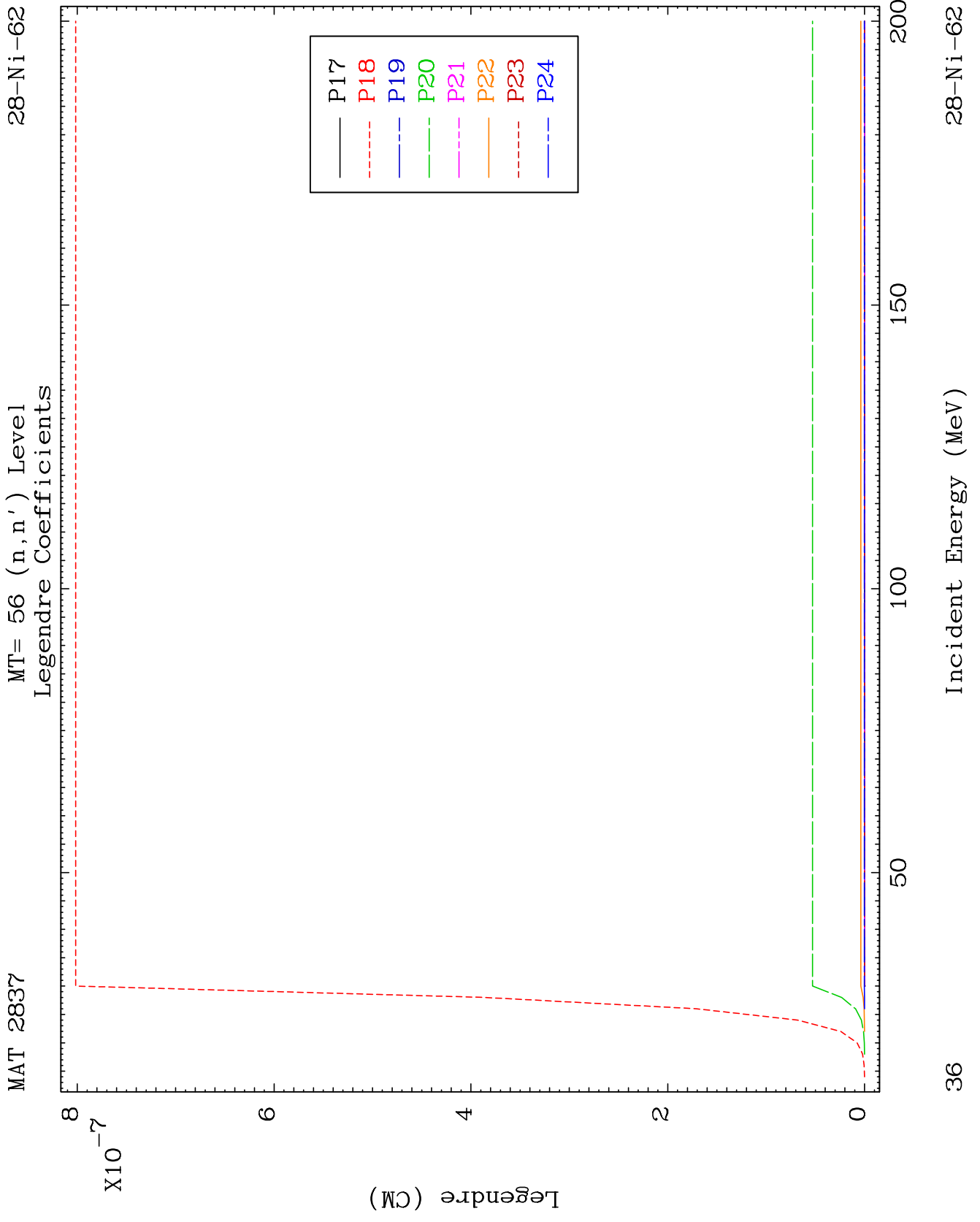
28-Ni-62



35

Incident Energy (MeV)

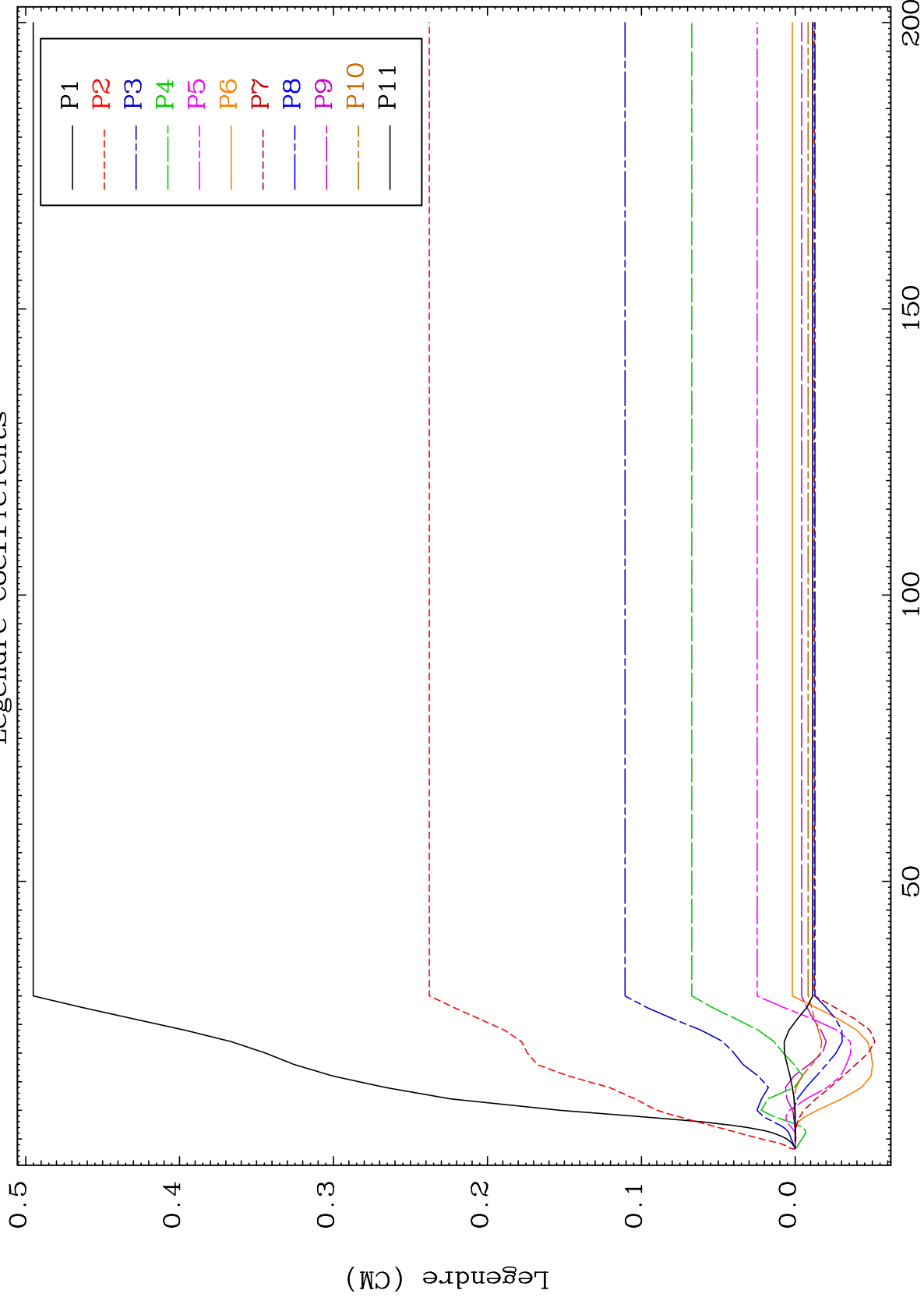
28-Ni-62



MAT 2837

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

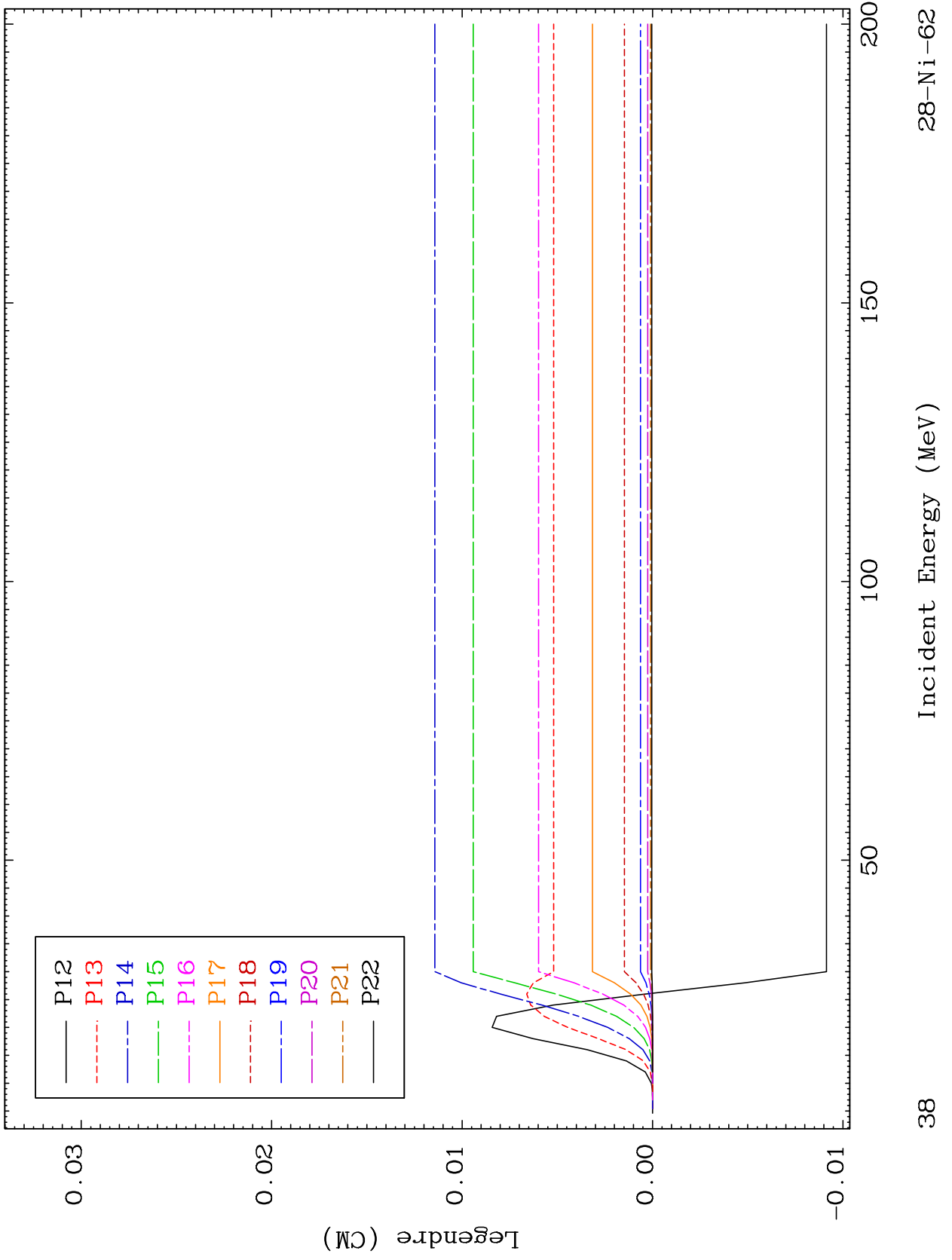
28-Ni-62



37

Incident Energy (MeV)

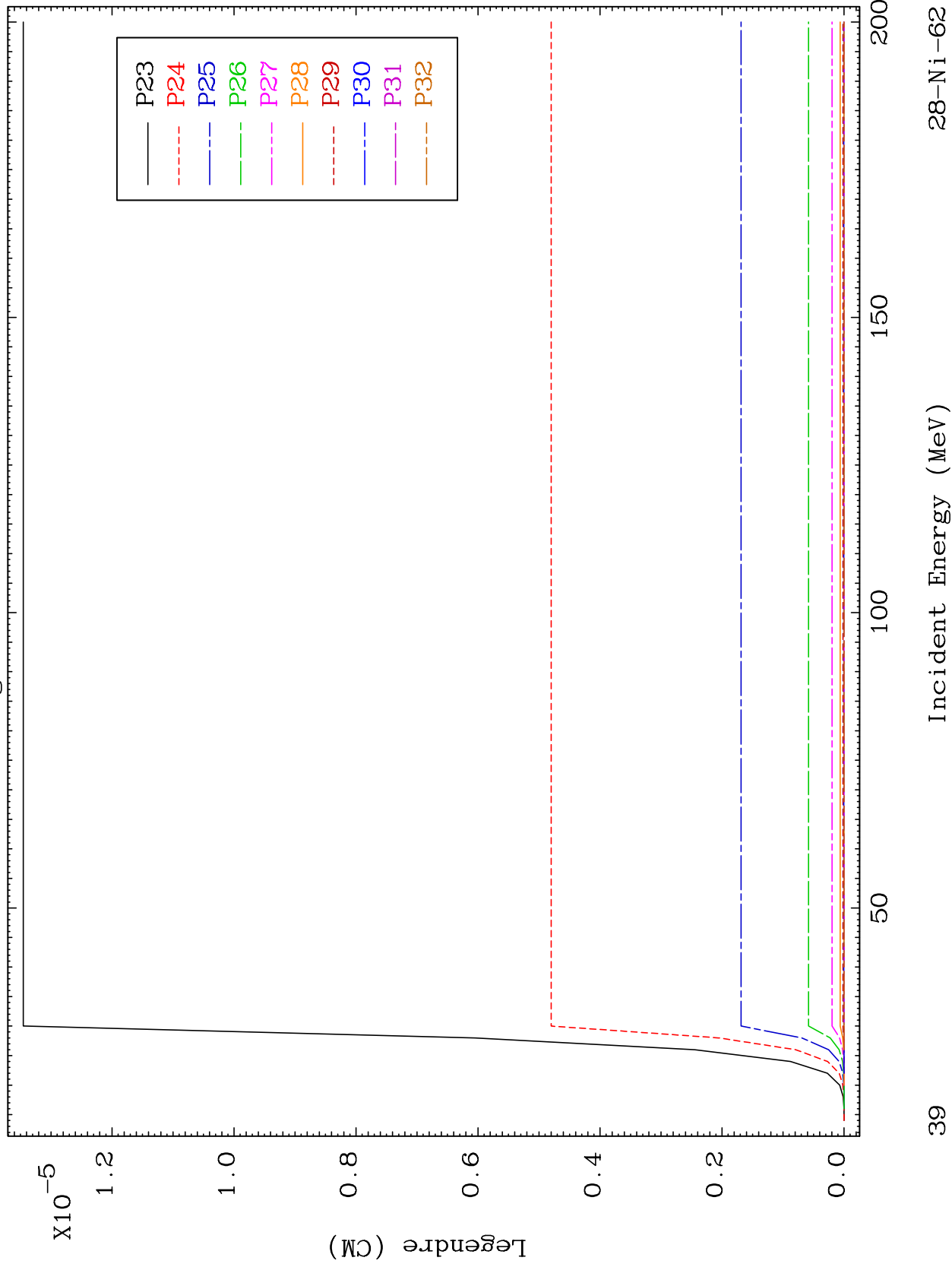
28-Ni-62



MAT 2837

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

28-Ni-62

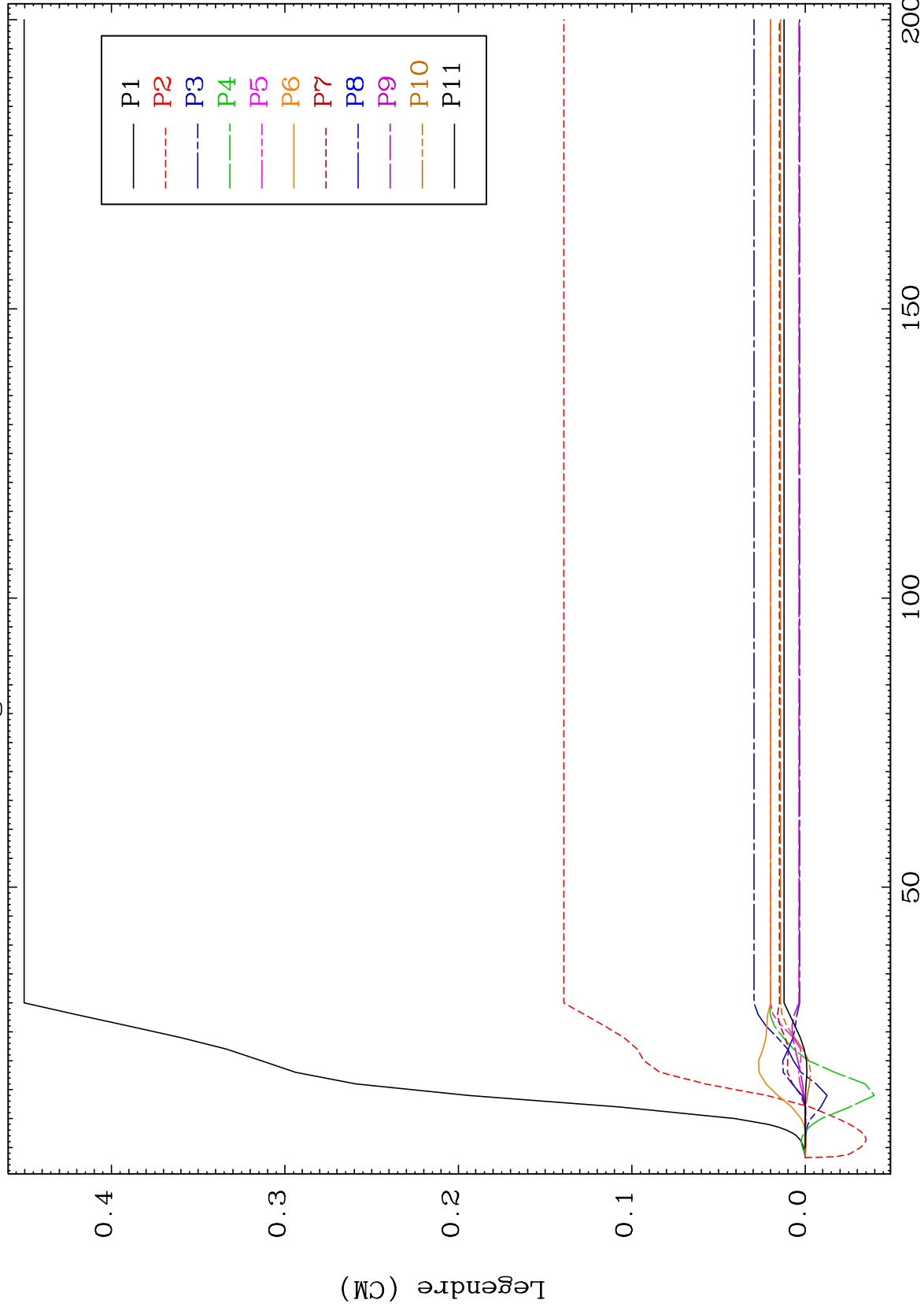


39

MAT 2837

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

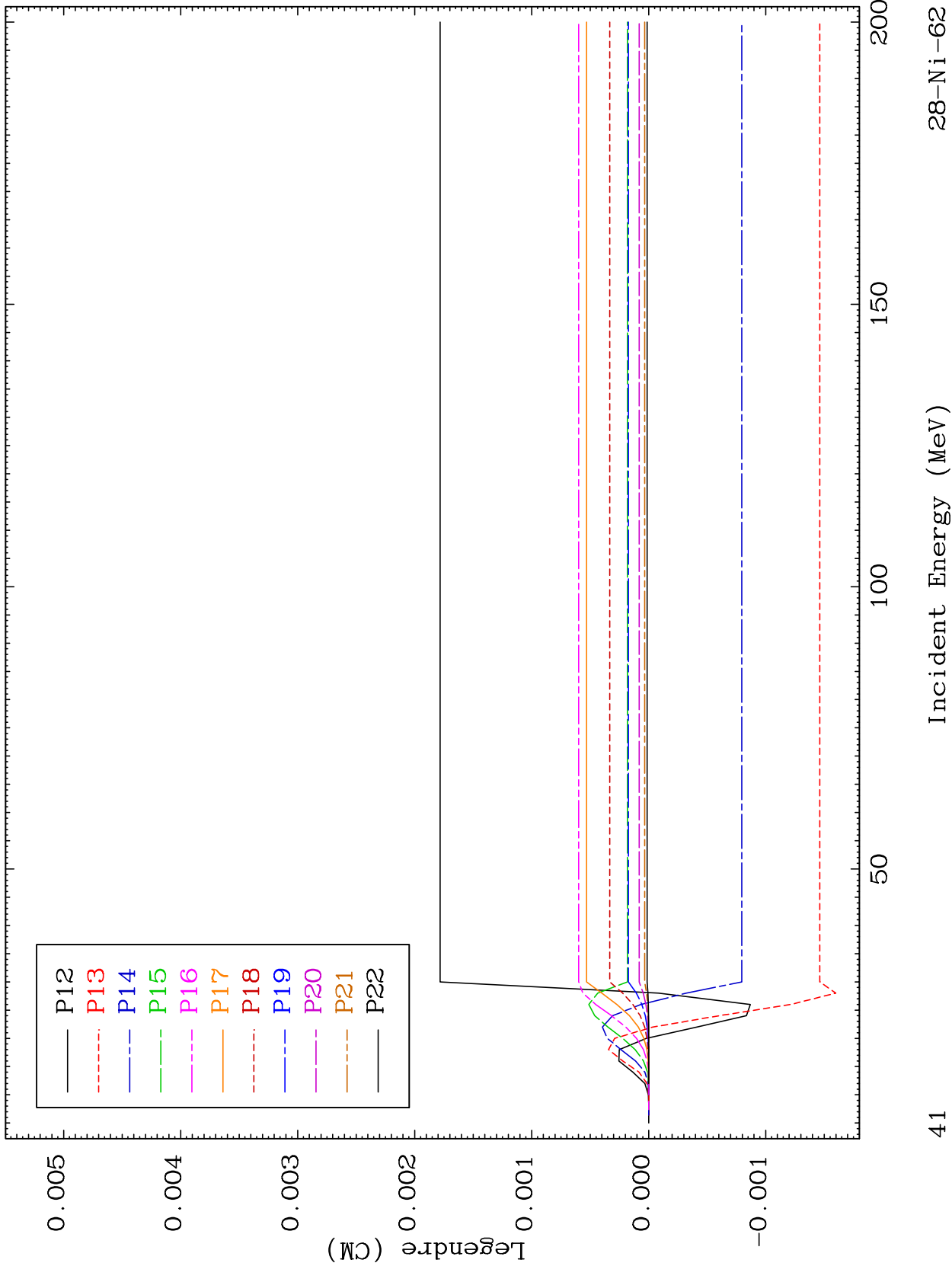
28-Ni-62



40

Incident Energy (MeV)

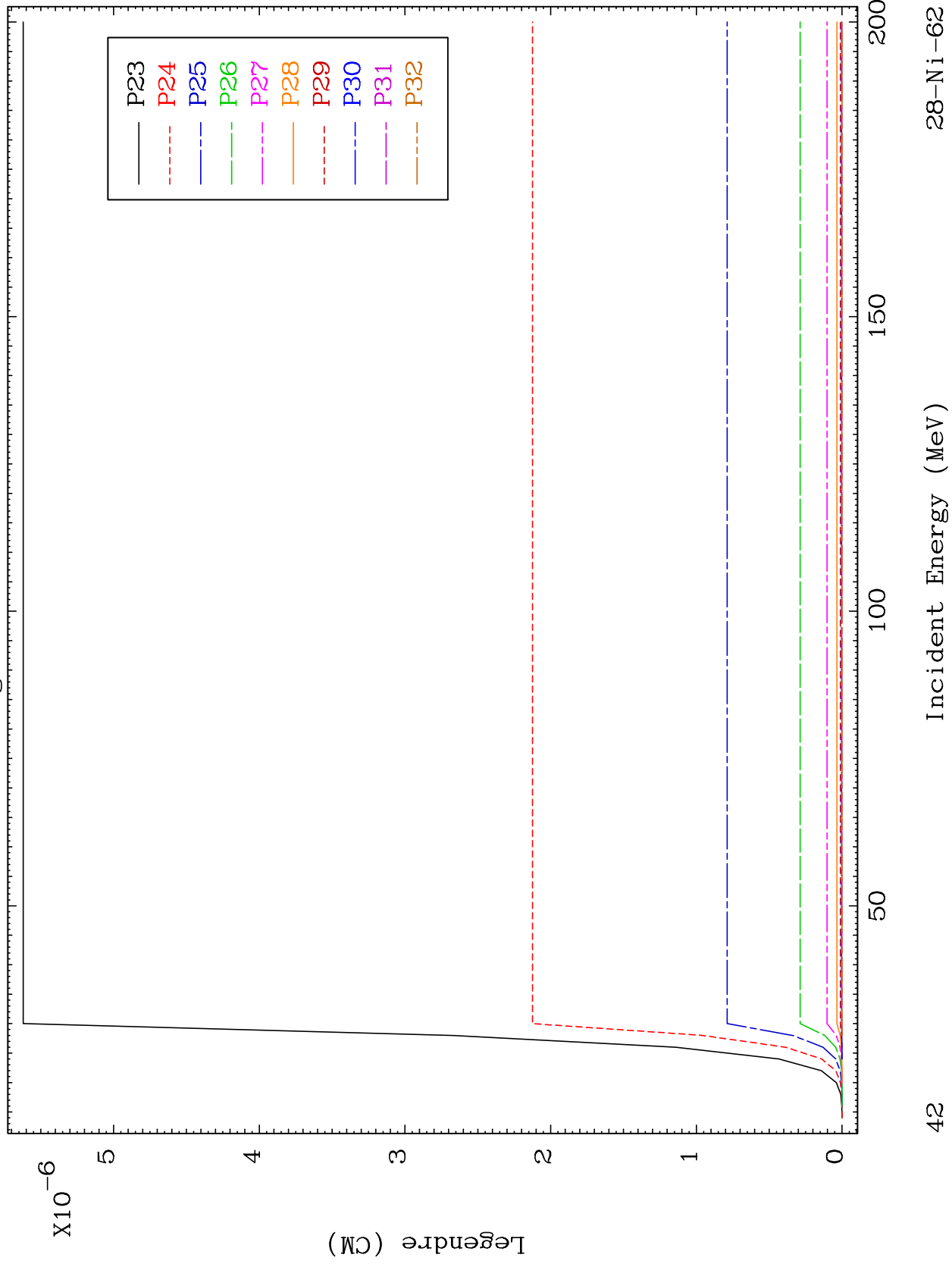
28-Ni-62



MAT 2837

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

28-Ni-62



42

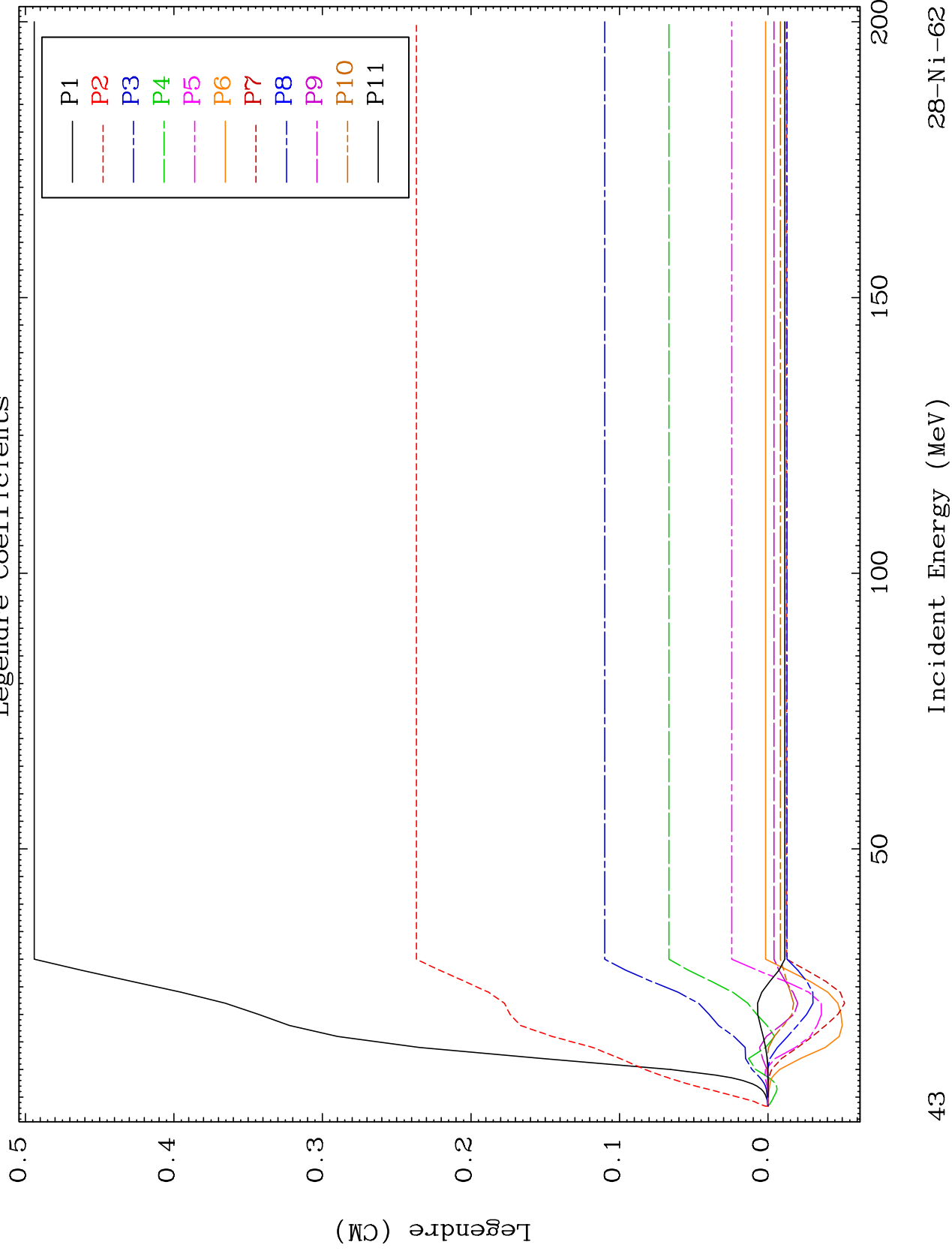
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



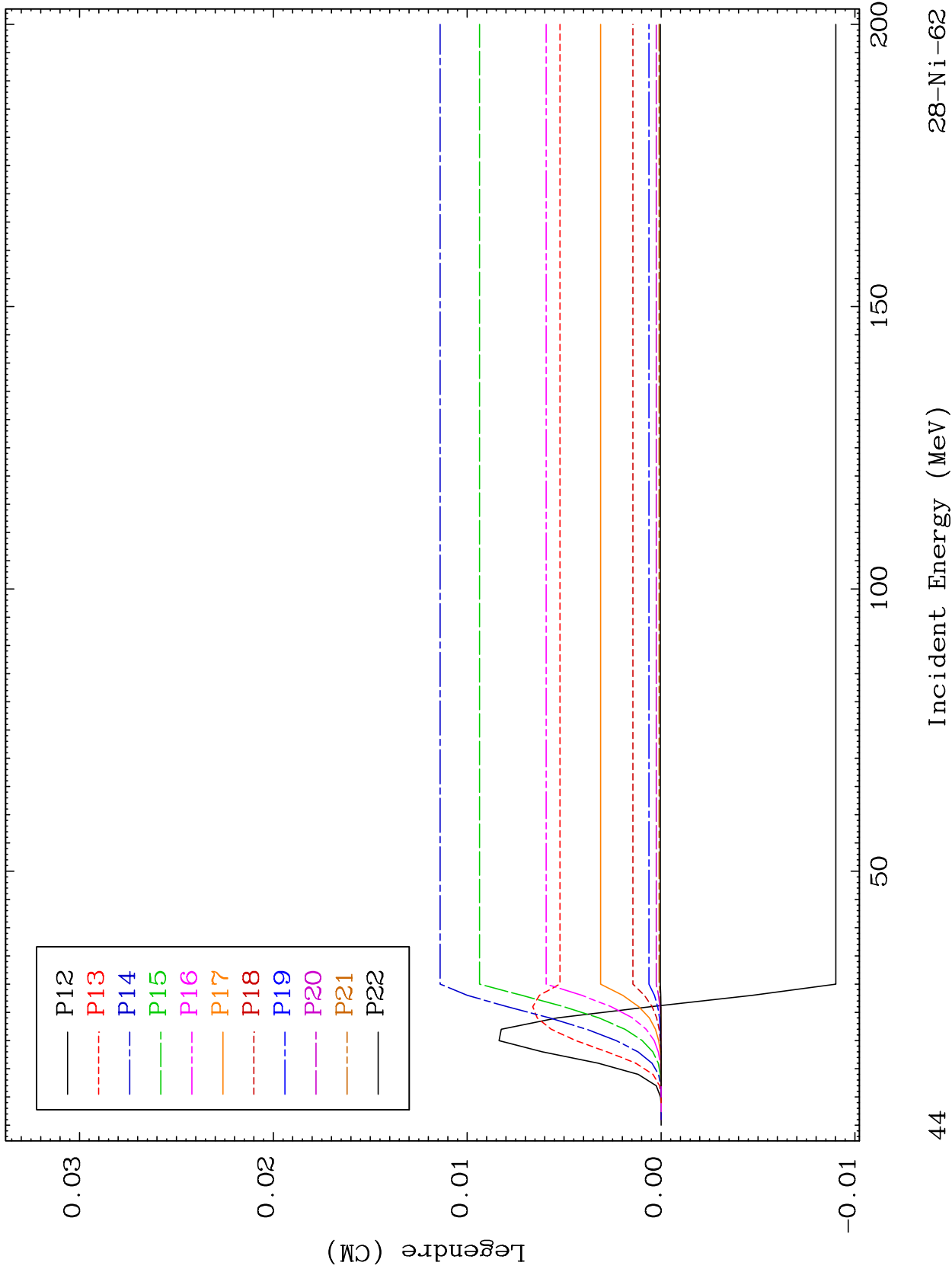
43

28-Ni-62

MAT 2837

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

28-Ni-62



44

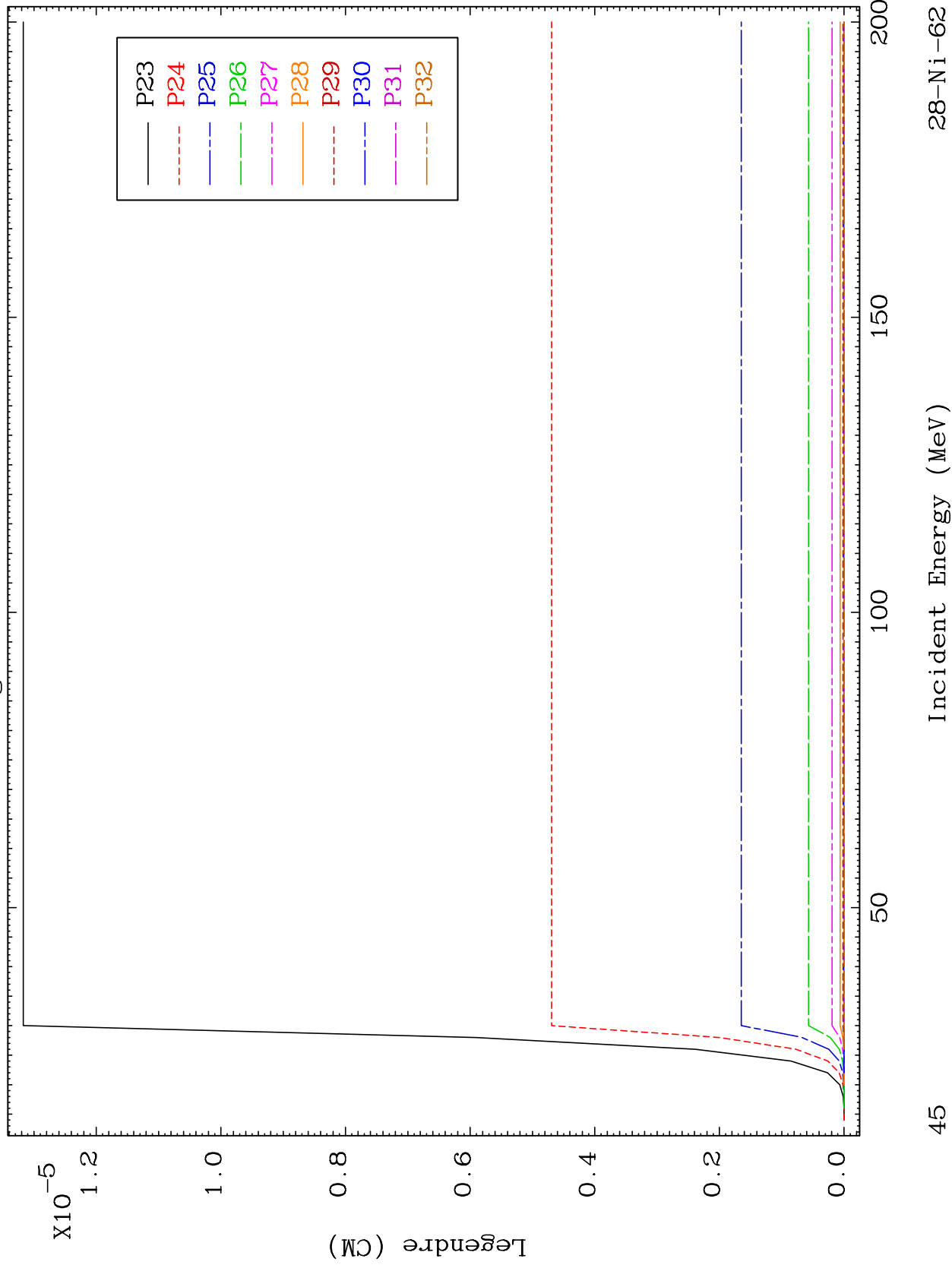
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

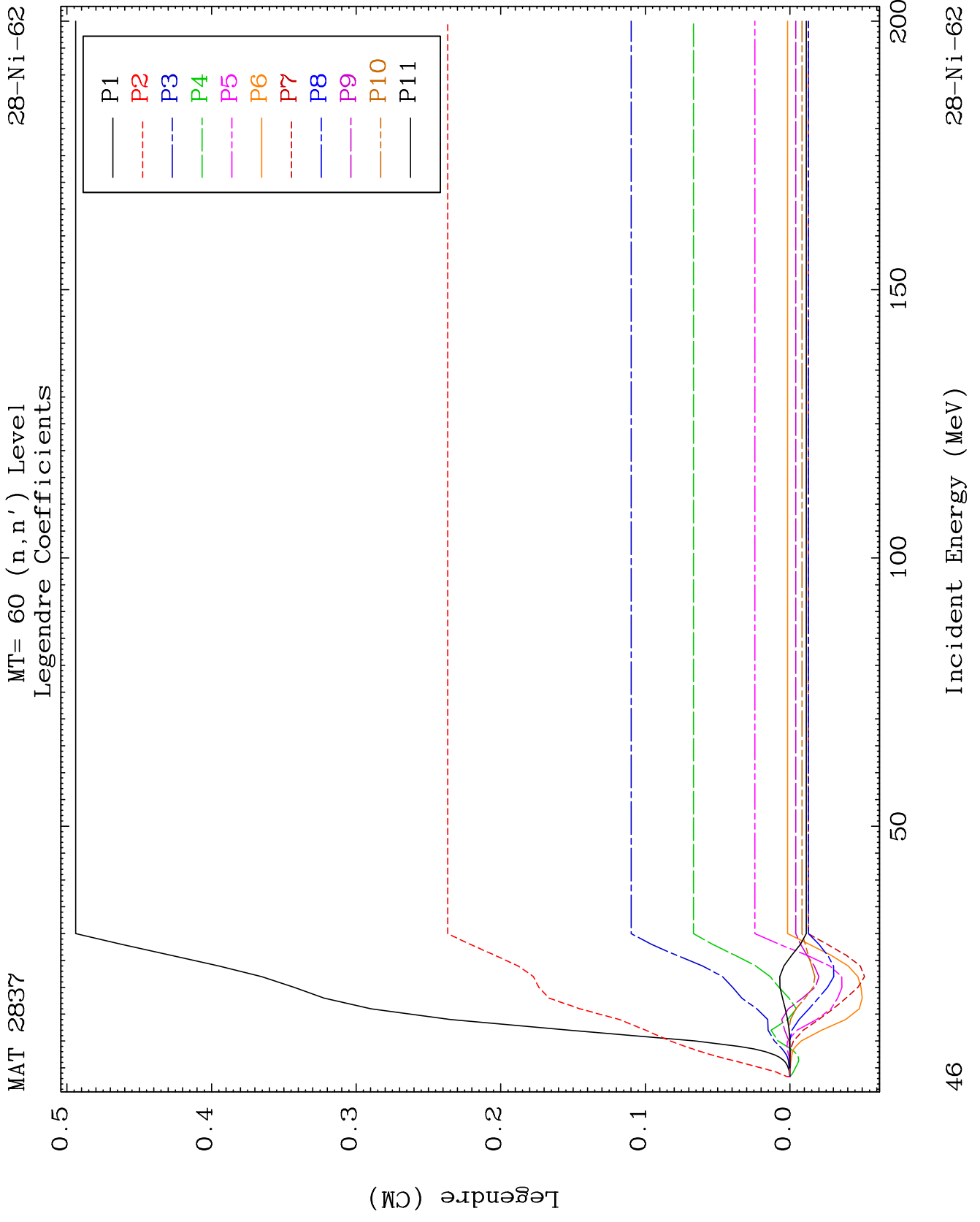
28-Ni-62



45

Incident Energy (MeV)

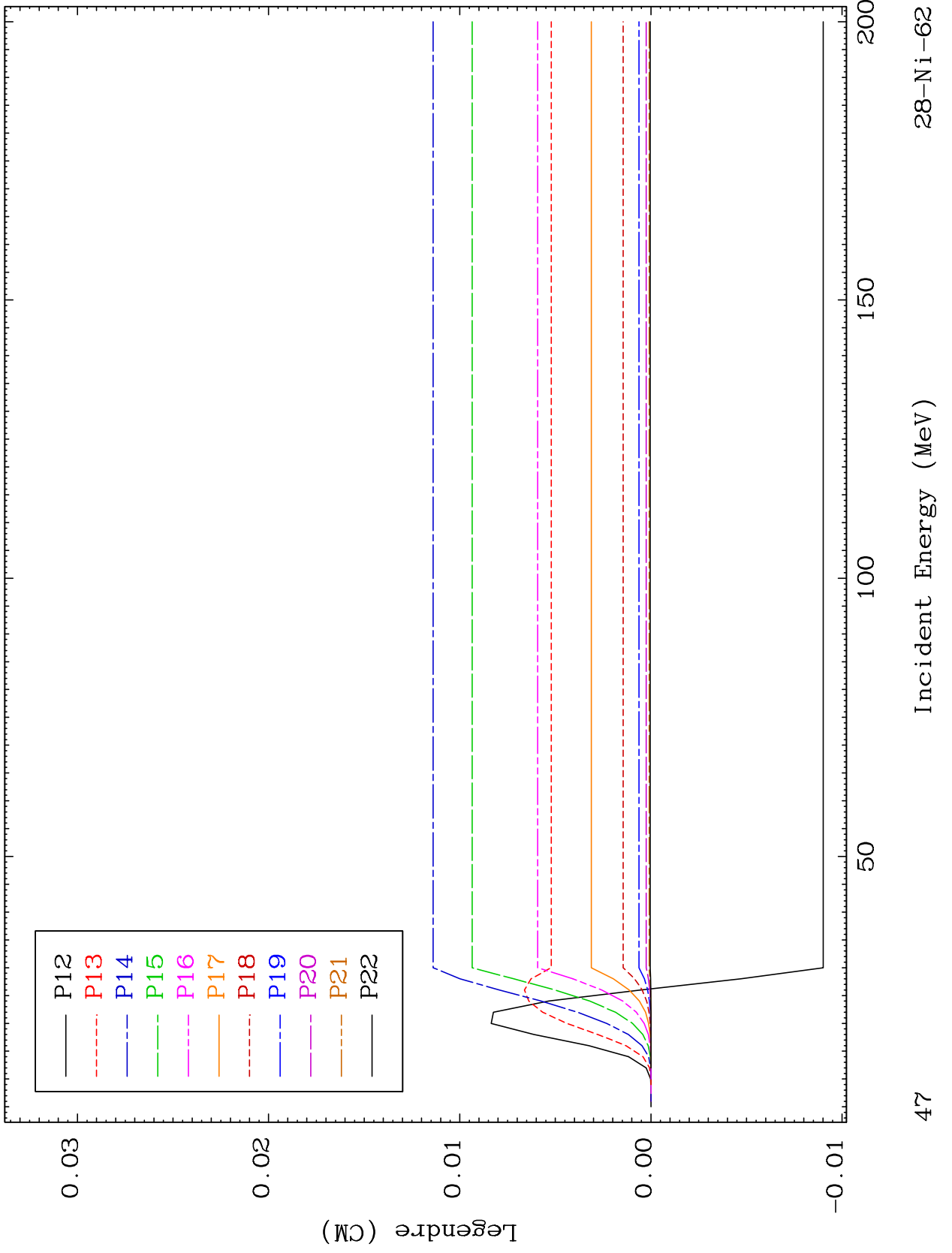
28-Ni-62



MAT 2837

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

28-Ni-62



47

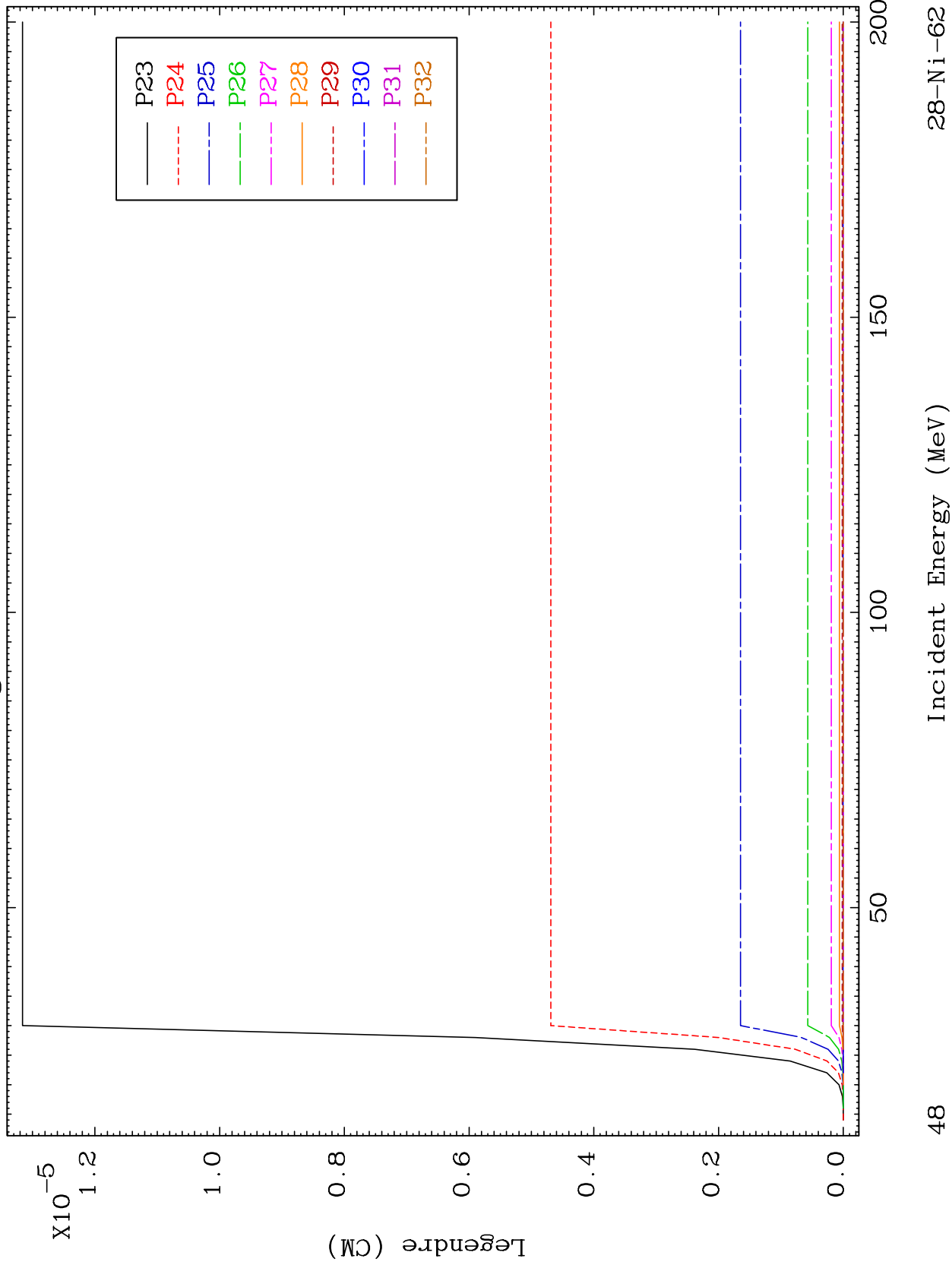
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

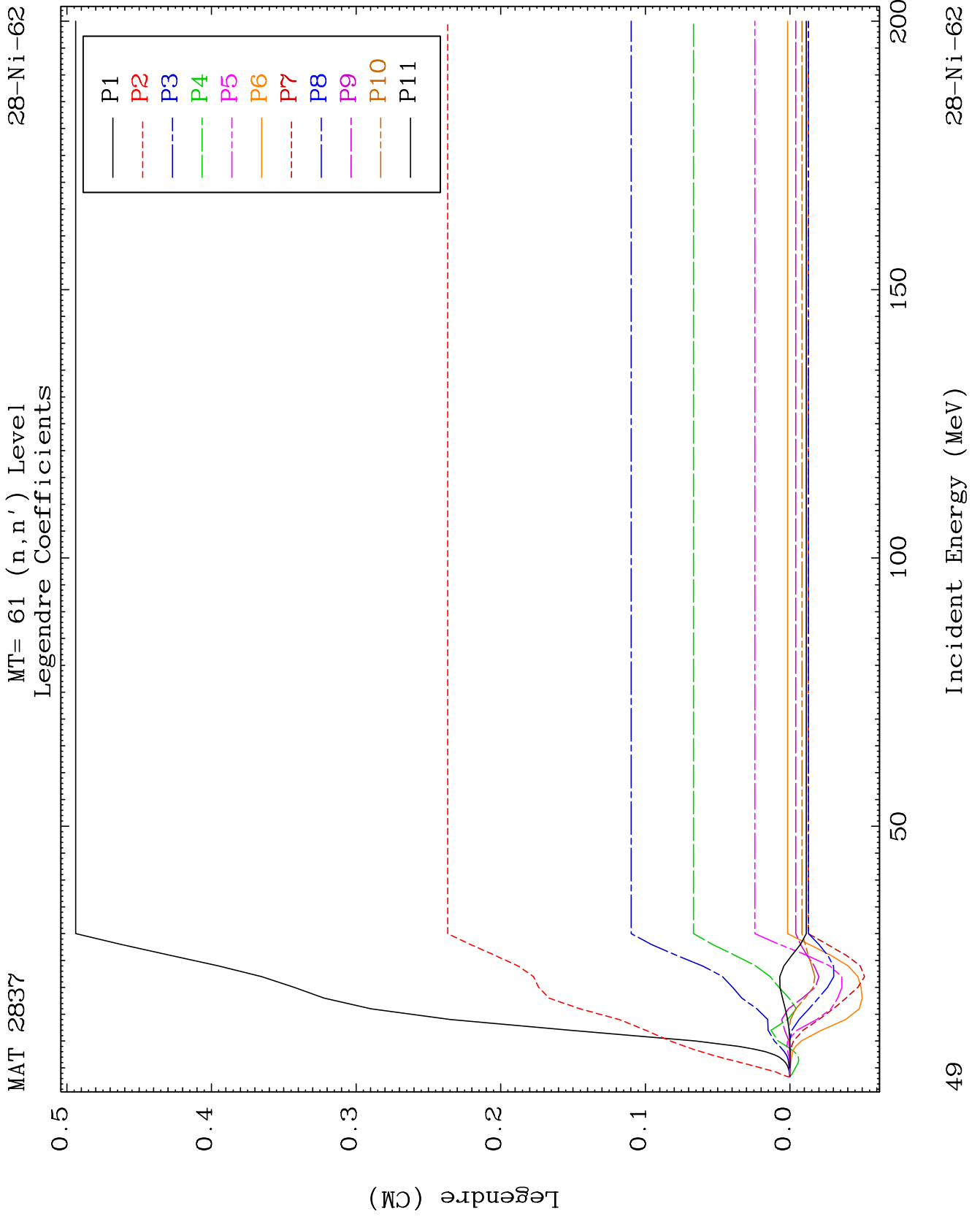
28-Ni-62



48

Incident Energy (MeV)

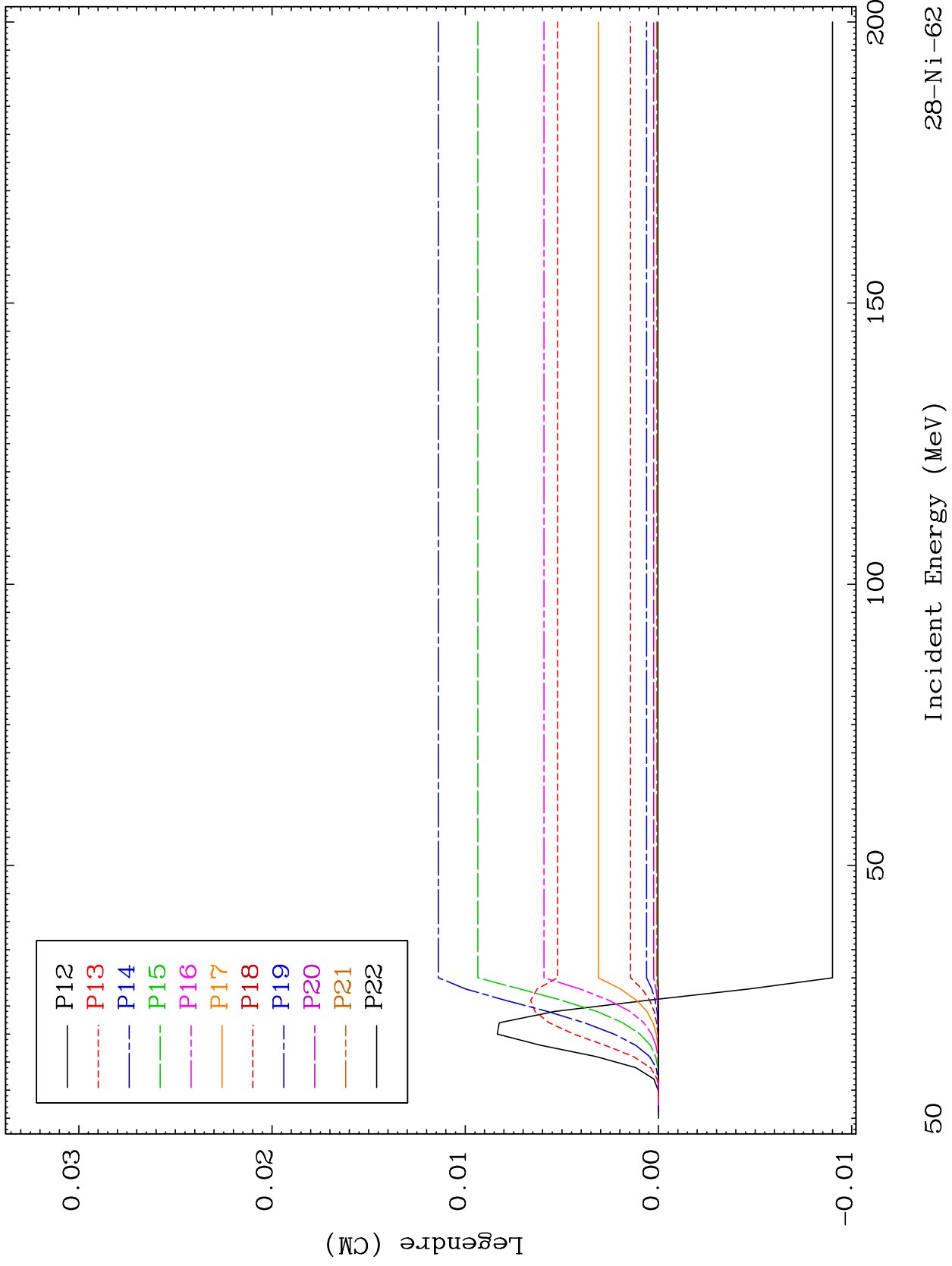
28-Ni-62



MAT 2837

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

28-Ni-62



50

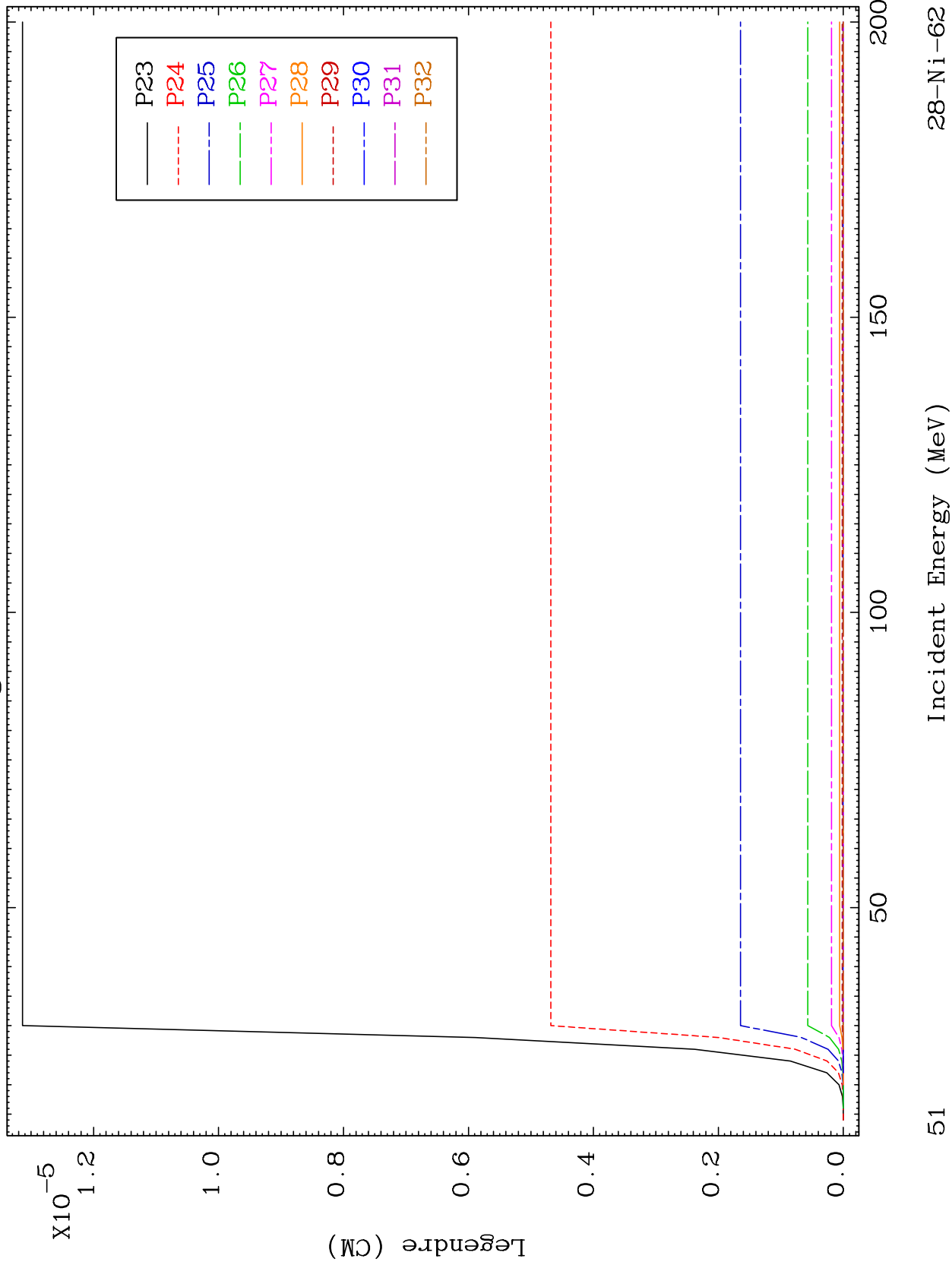
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

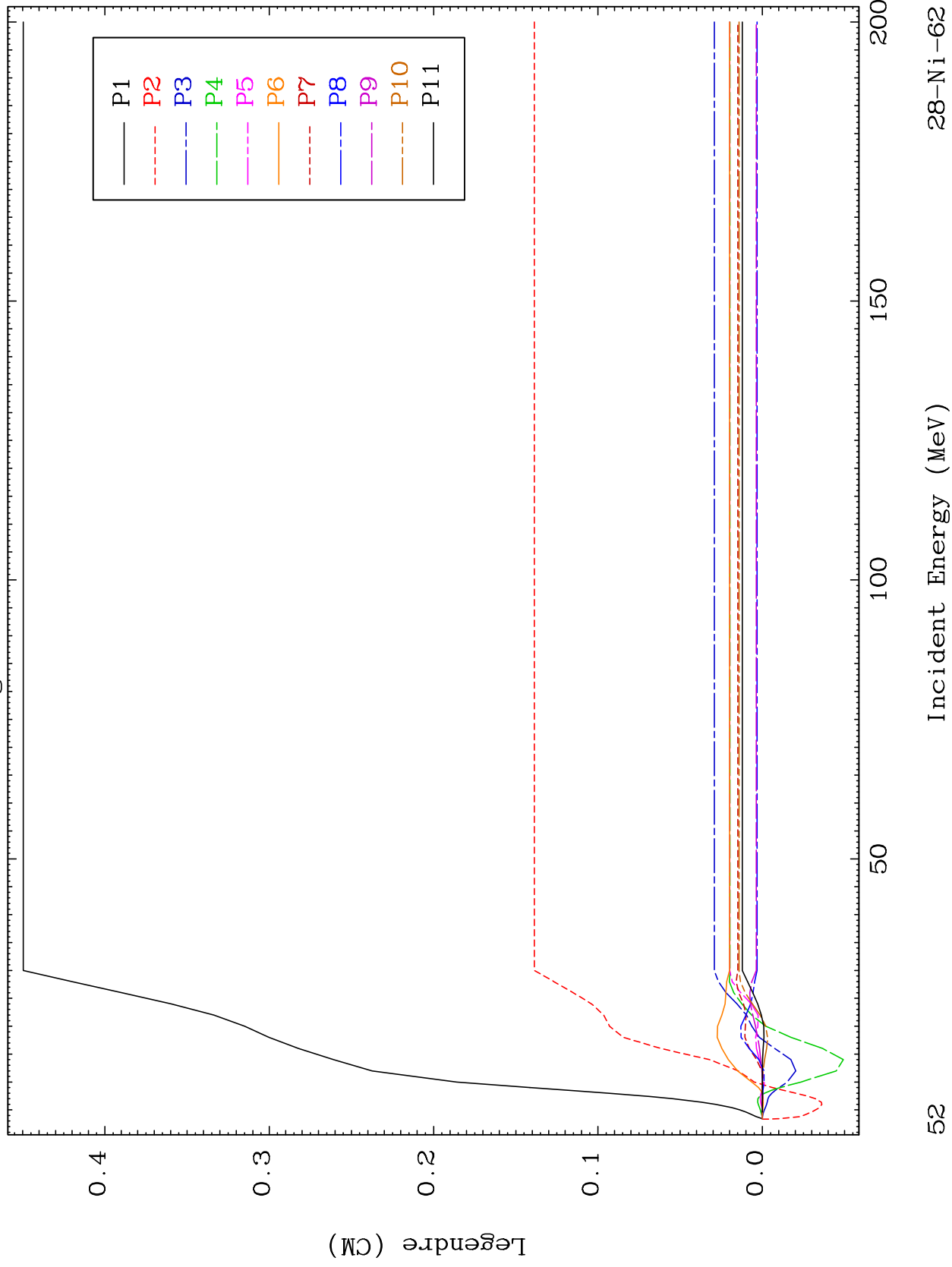
28-Ni-62



MAT 2837

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

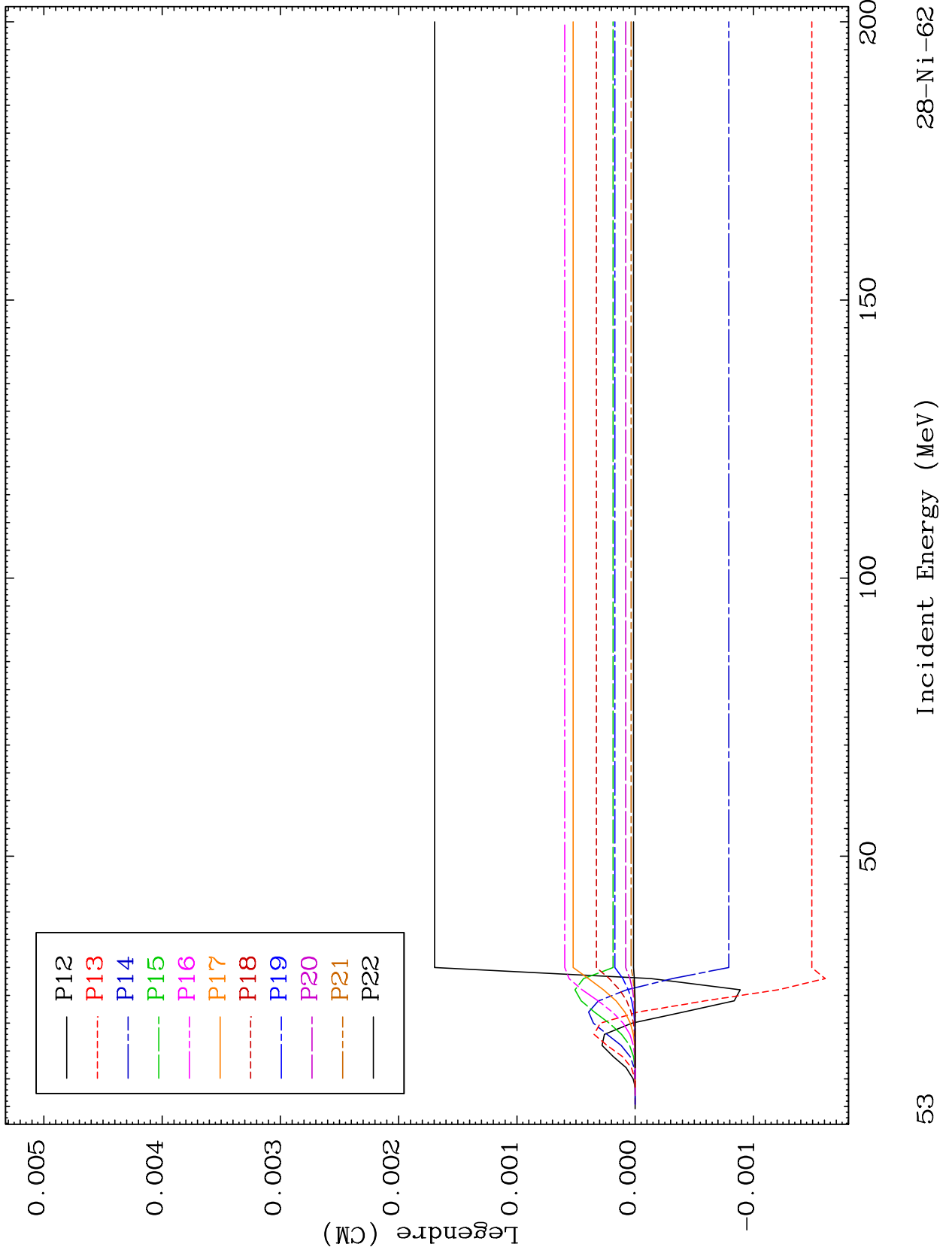
28-Ni-62



52

Incident Energy (MeV)

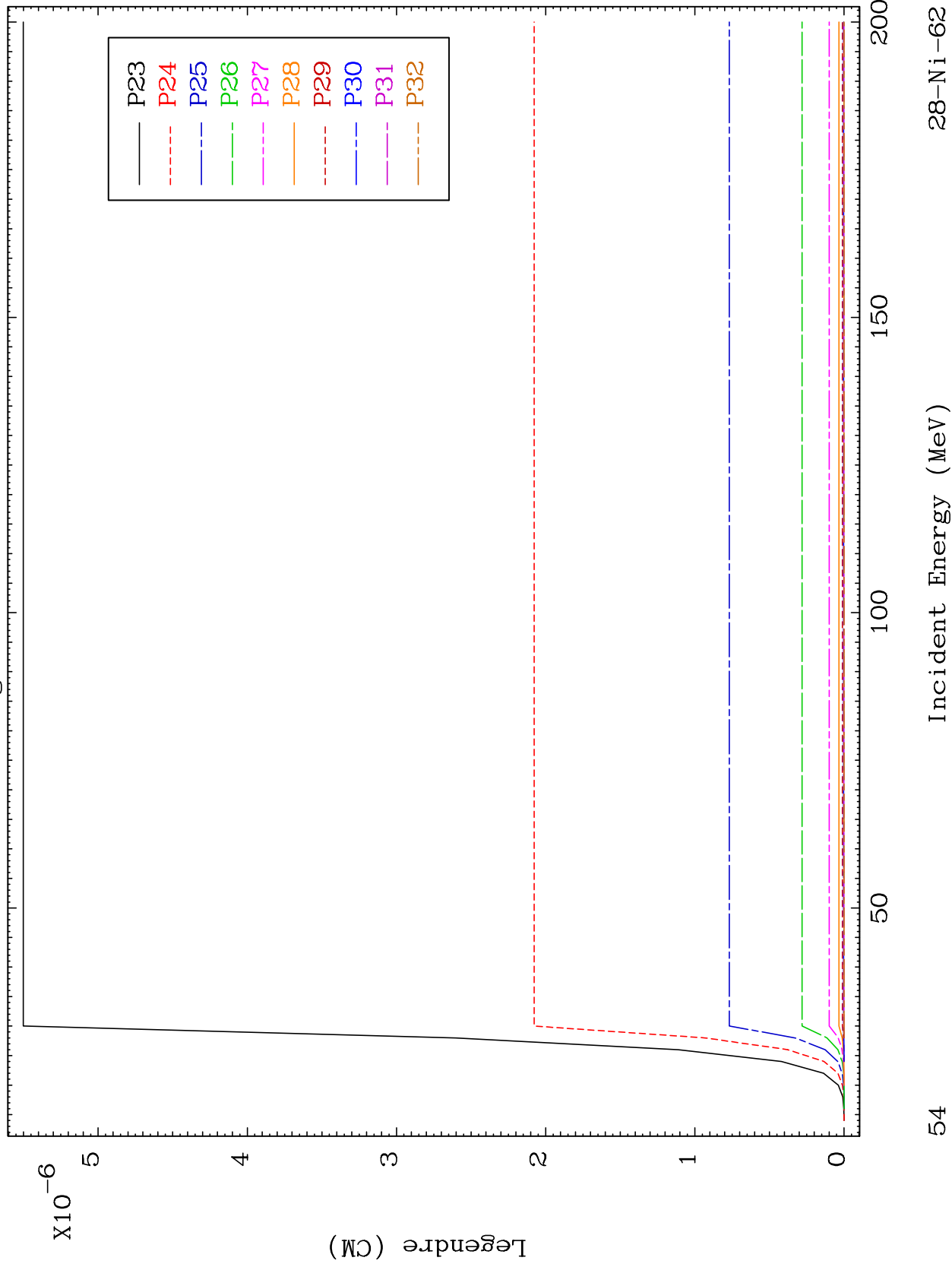
28-Ni-62



MAT 2837

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

28-Ni-62



54

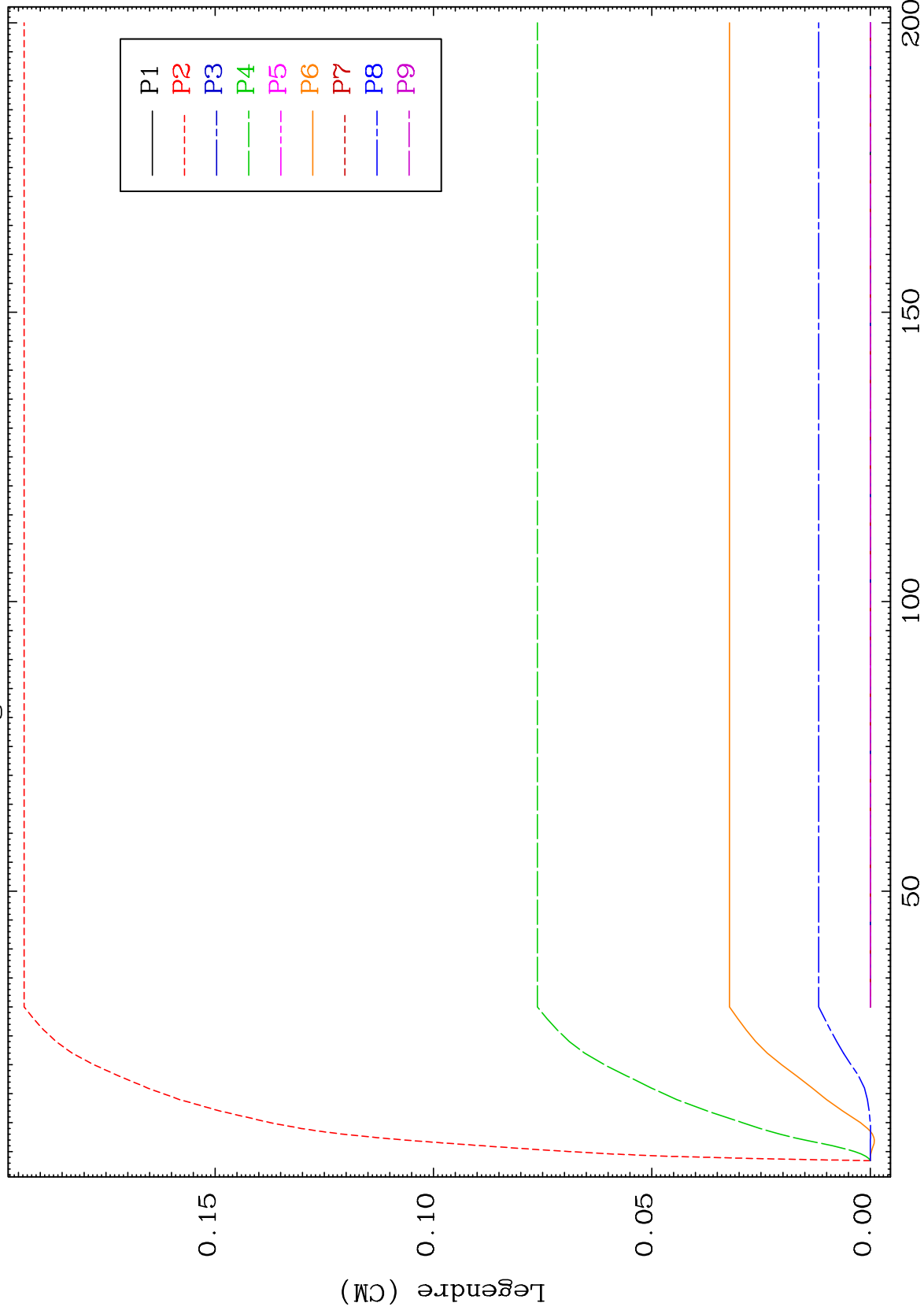
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

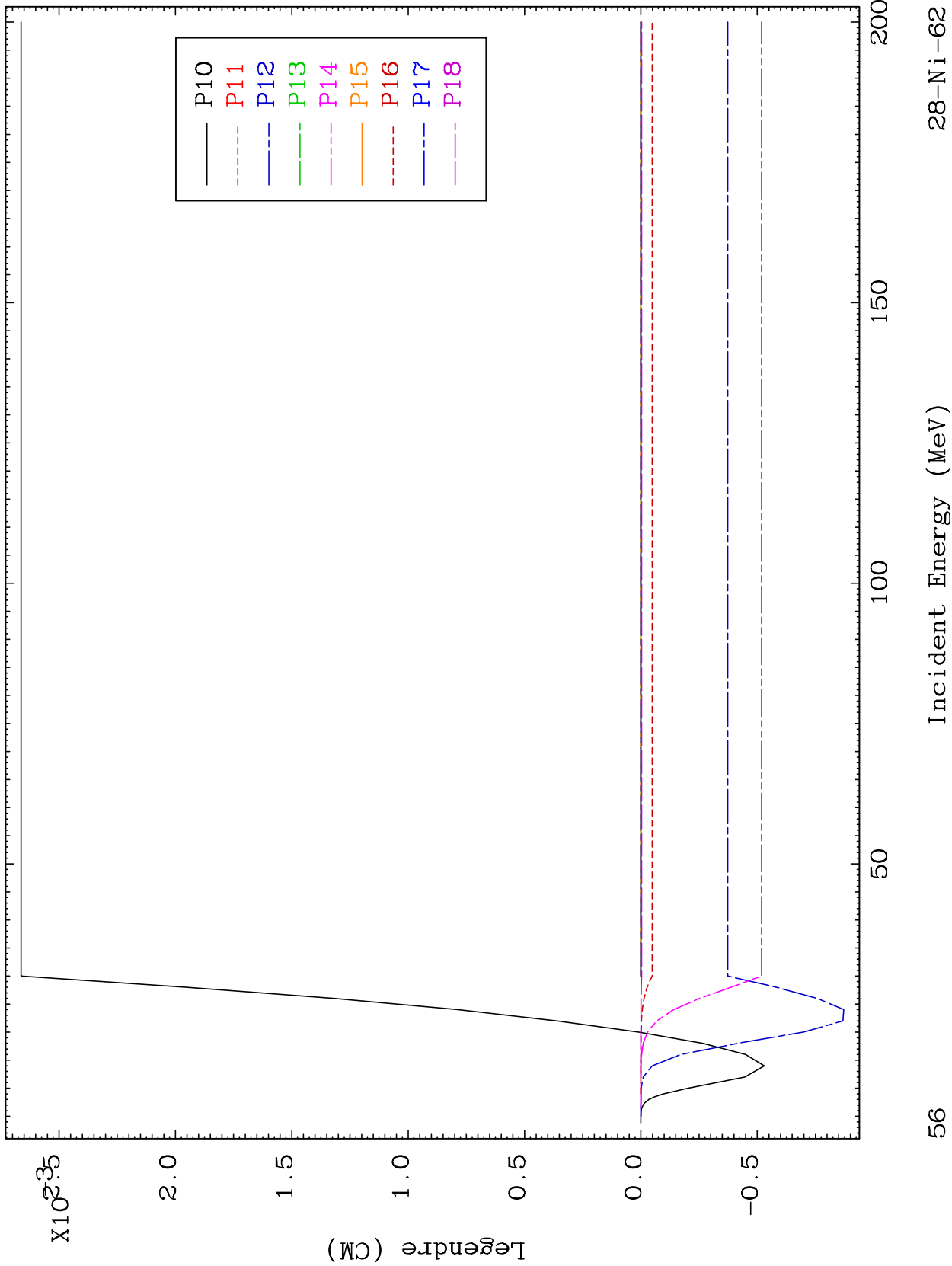
28-Ni-62



55

Incident Energy (MeV)

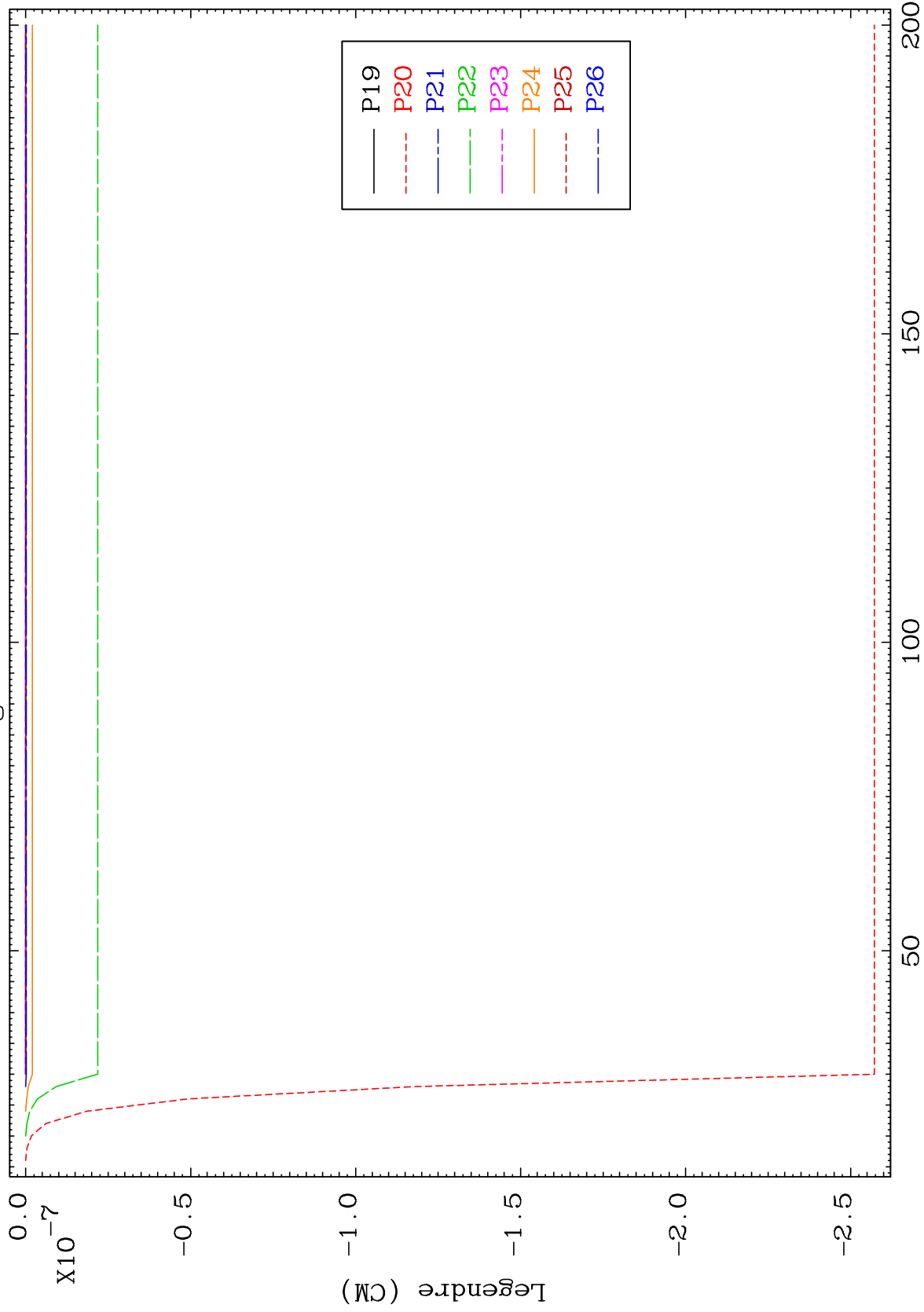
28-Ni-62



MAT 2837

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

28-Ni-62



57

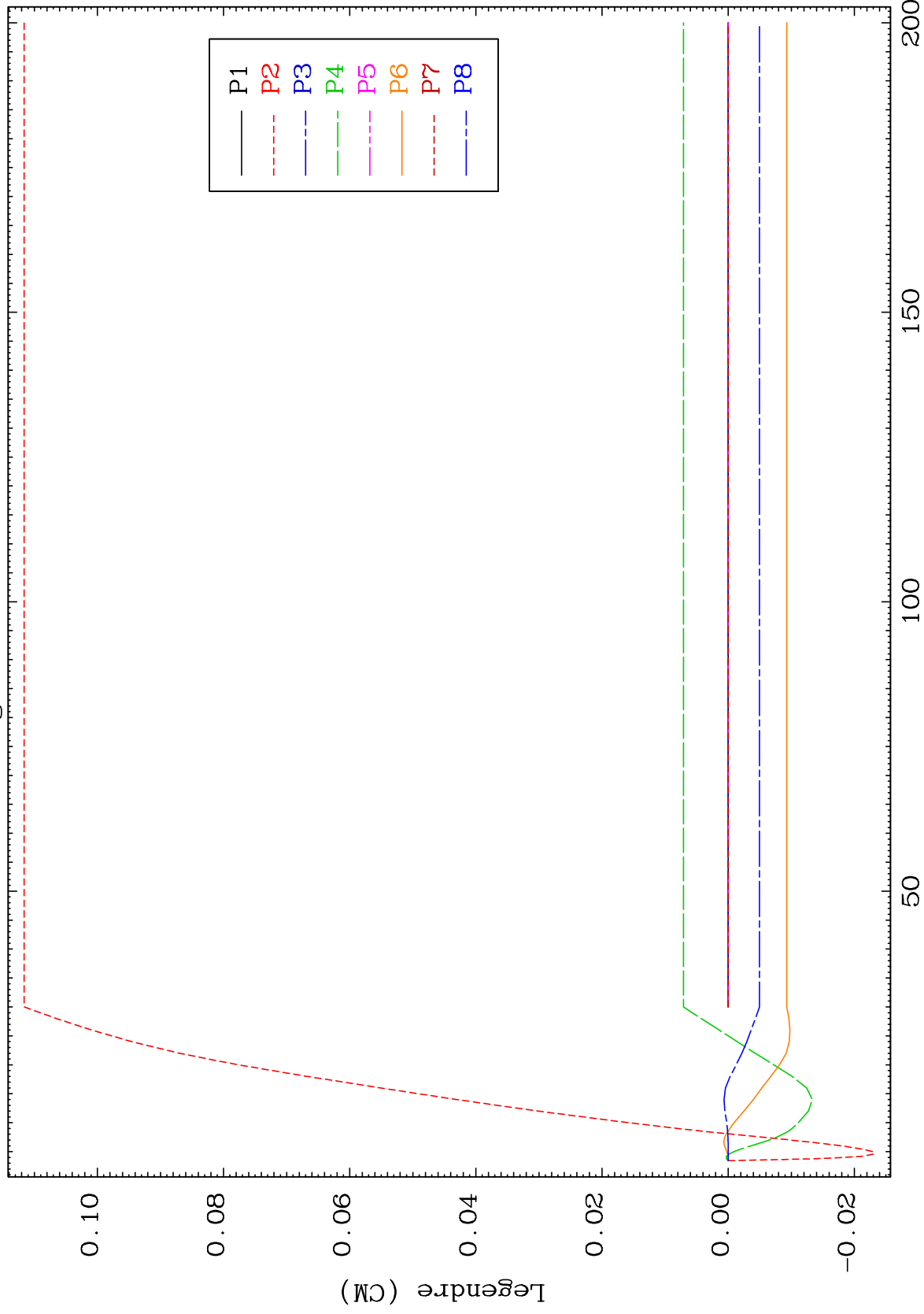
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



28-Ni-62

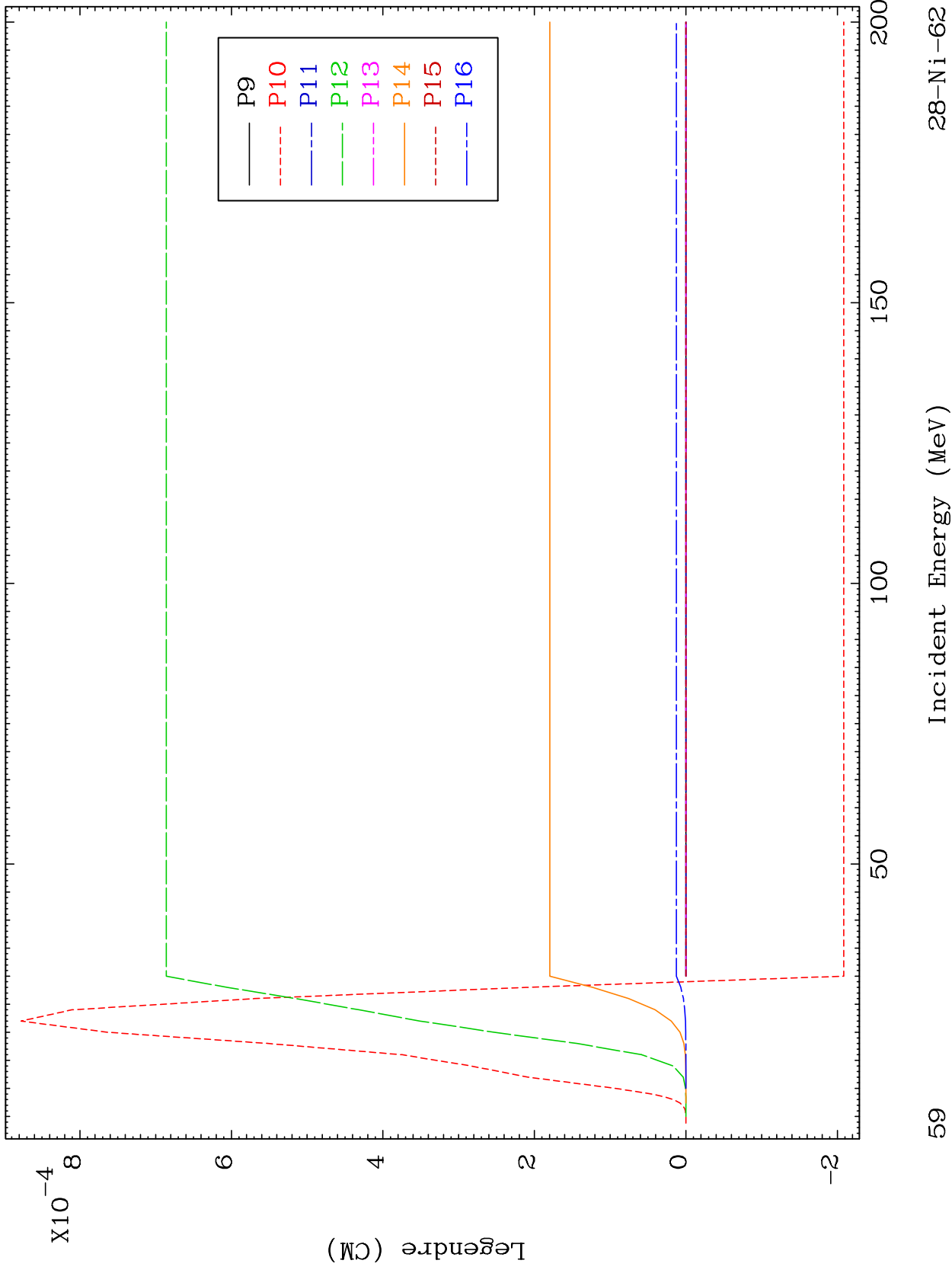
Incident Energy (MeV)

58

MAT 2837

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

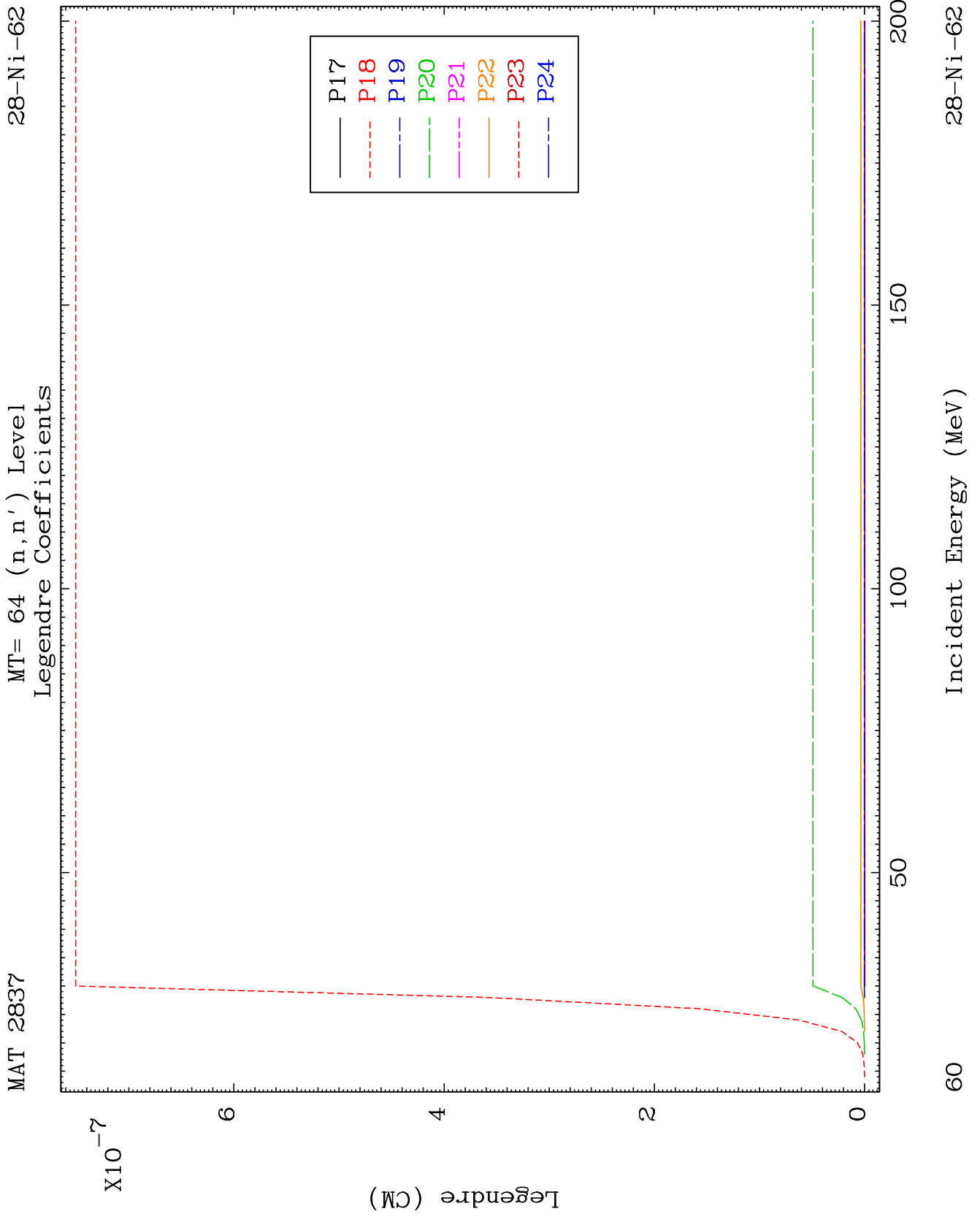
28-Ni-62



59

Incident Energy (MeV)

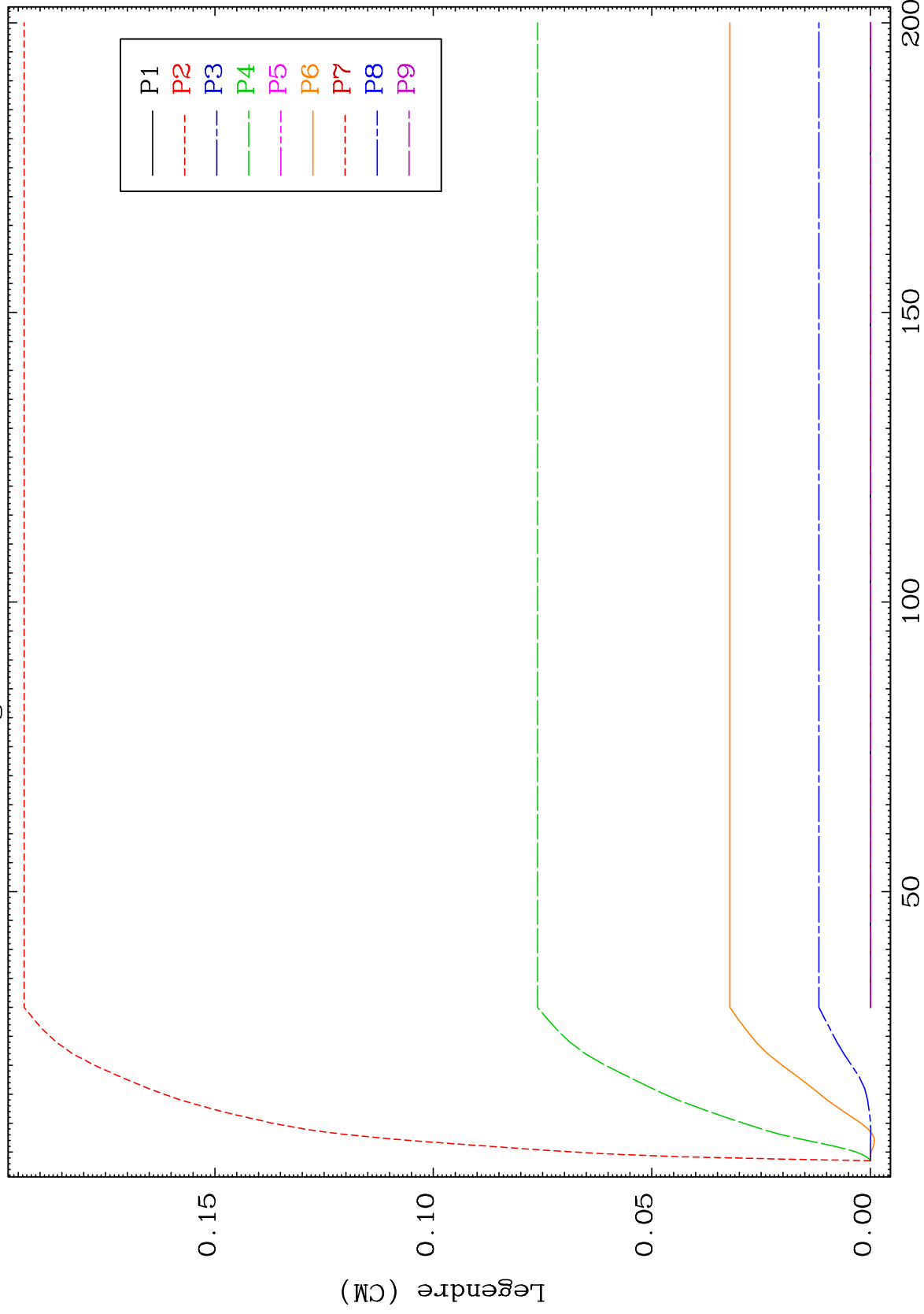
28-Ni-62



MAT 2837

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

28-Ni-62



61

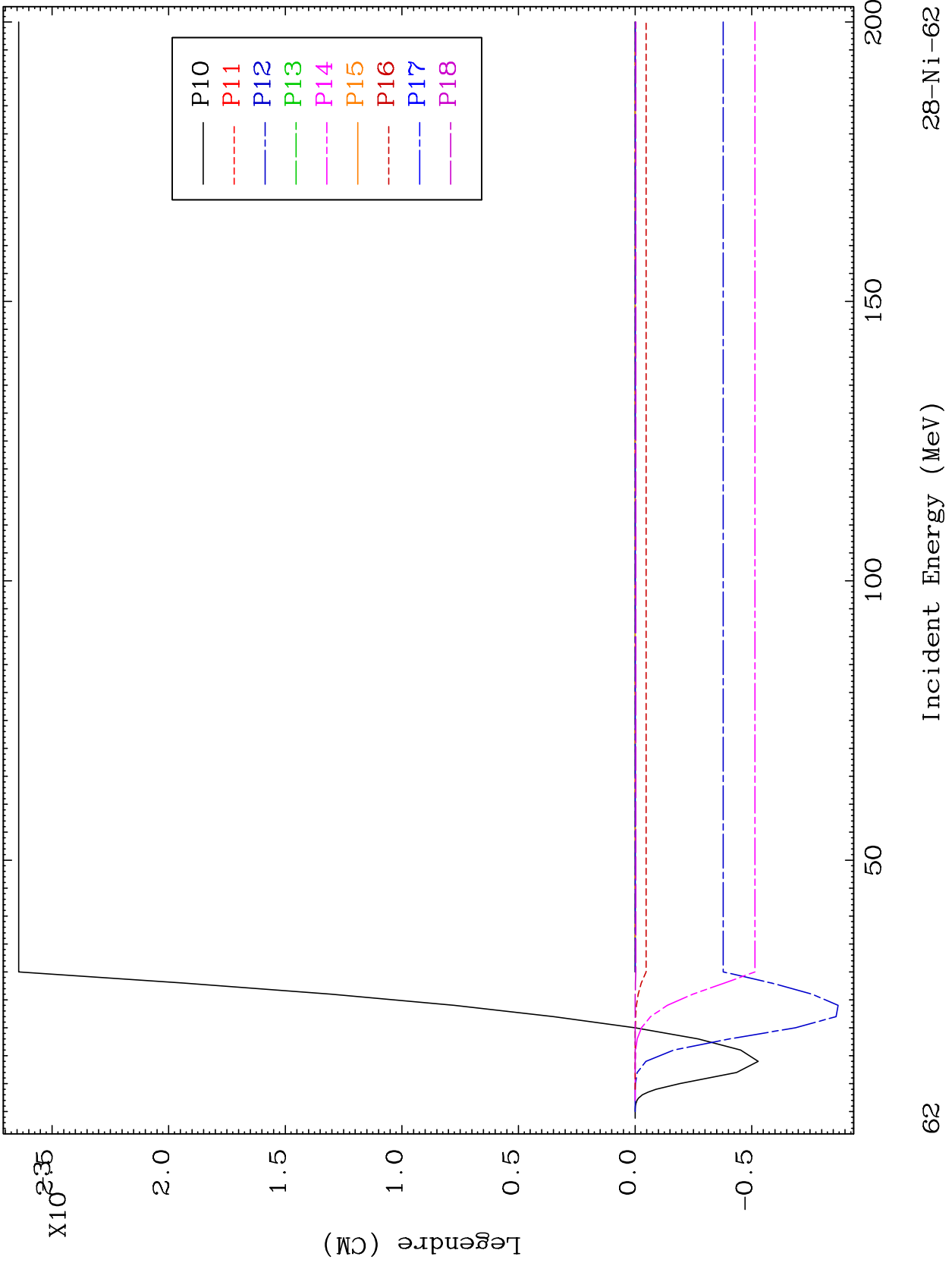
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



62

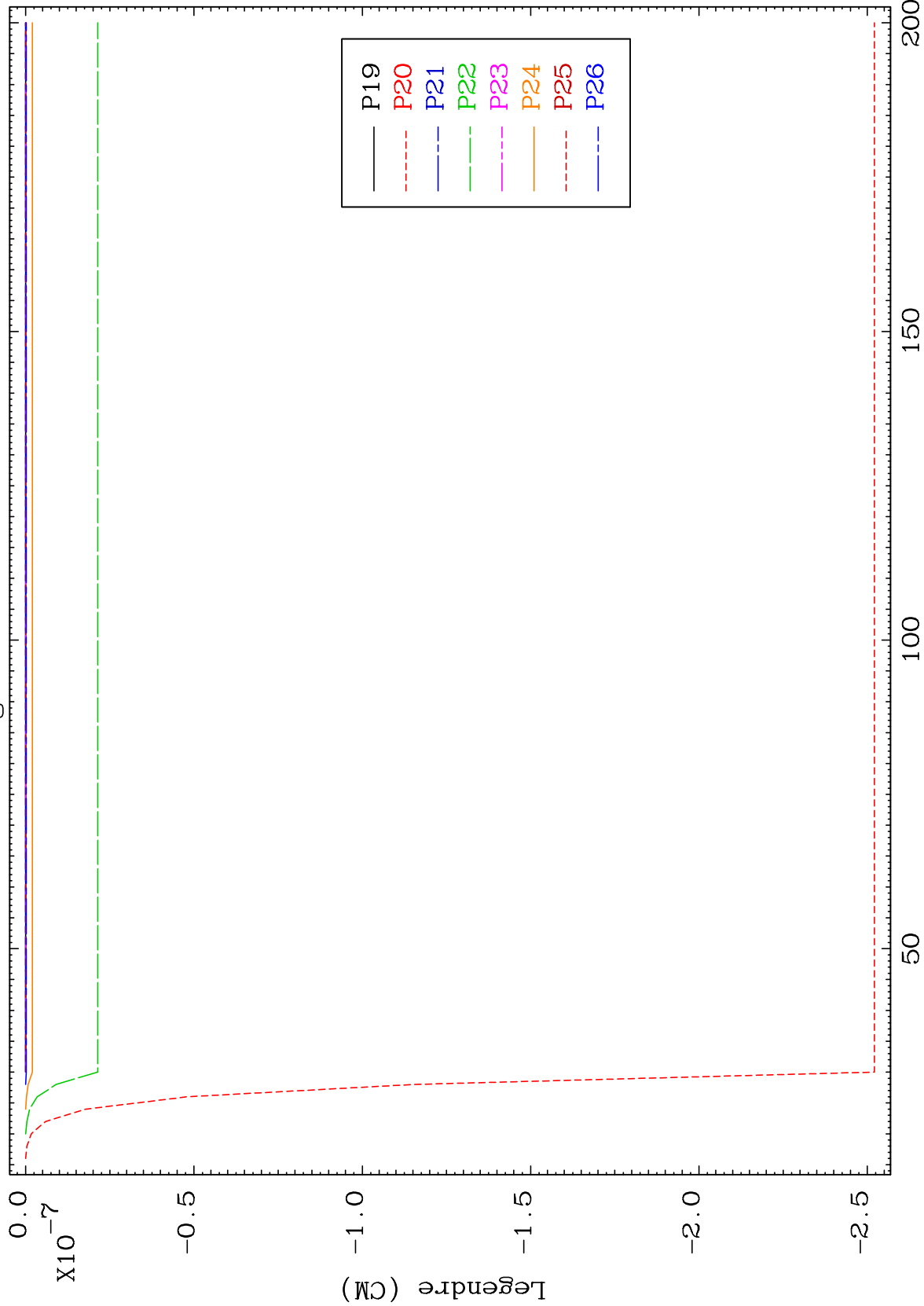
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



28-Ni-62

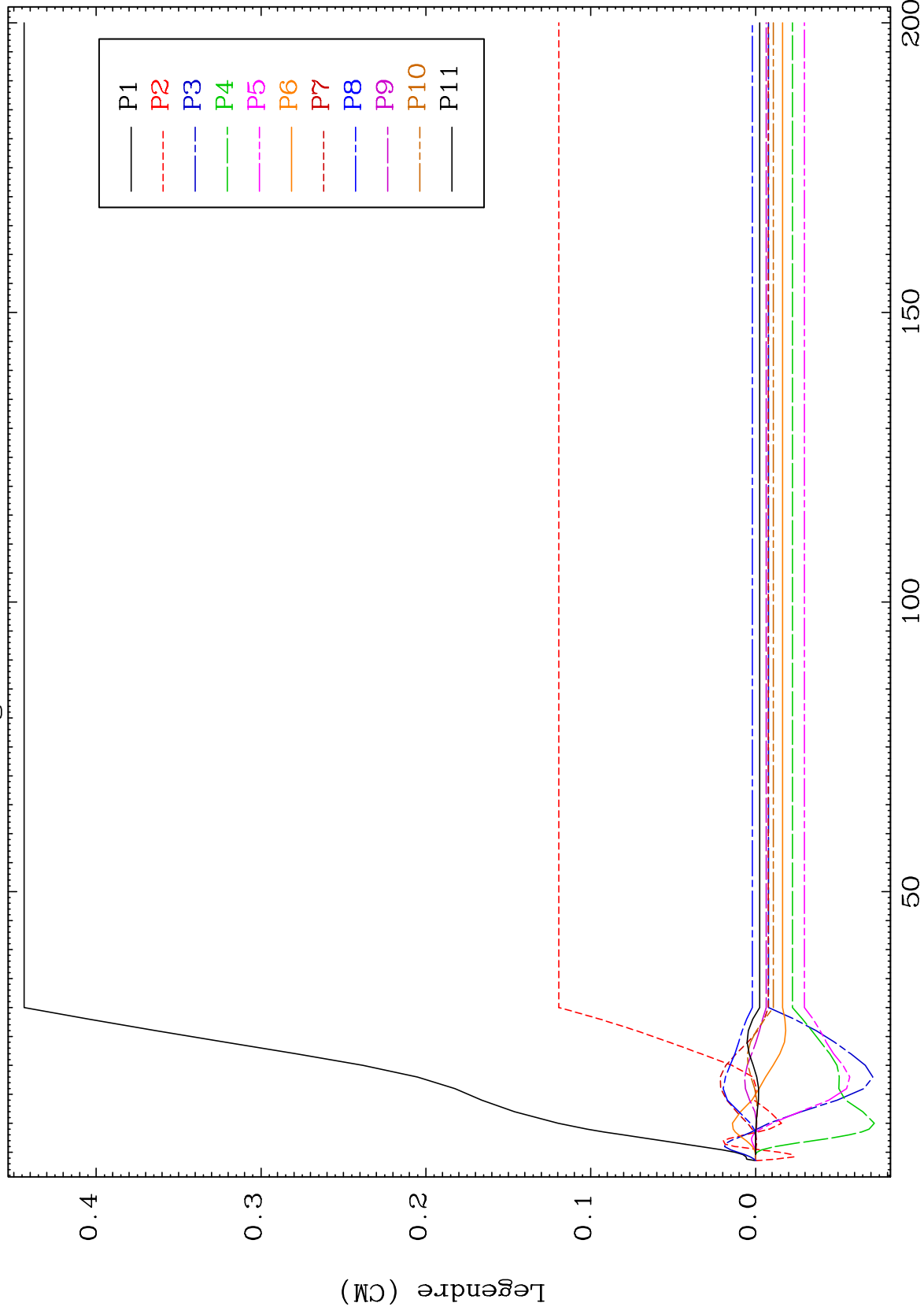
Incident Energy (MeV)

63

MAT 2837

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

28-Ni-62



64

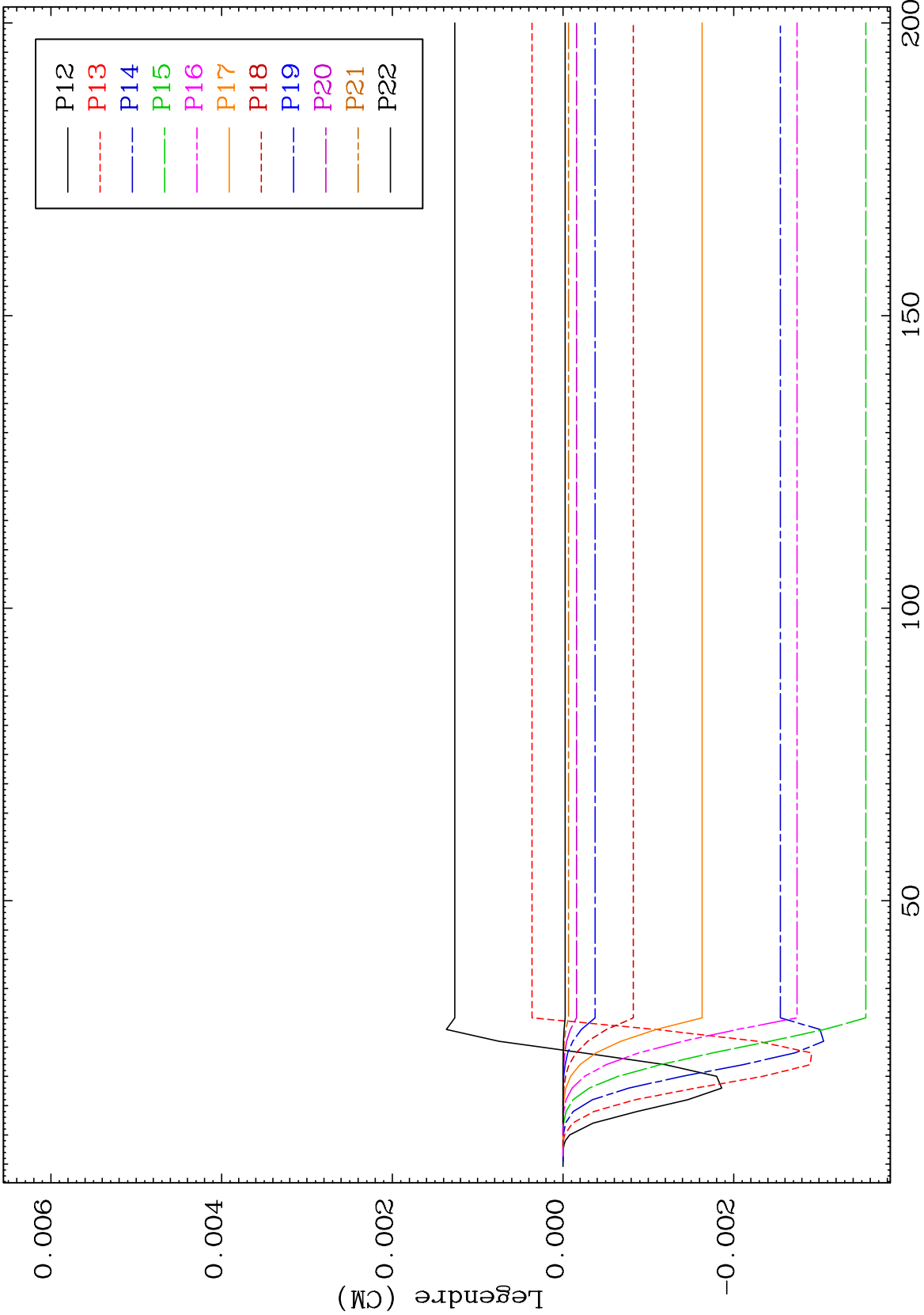
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

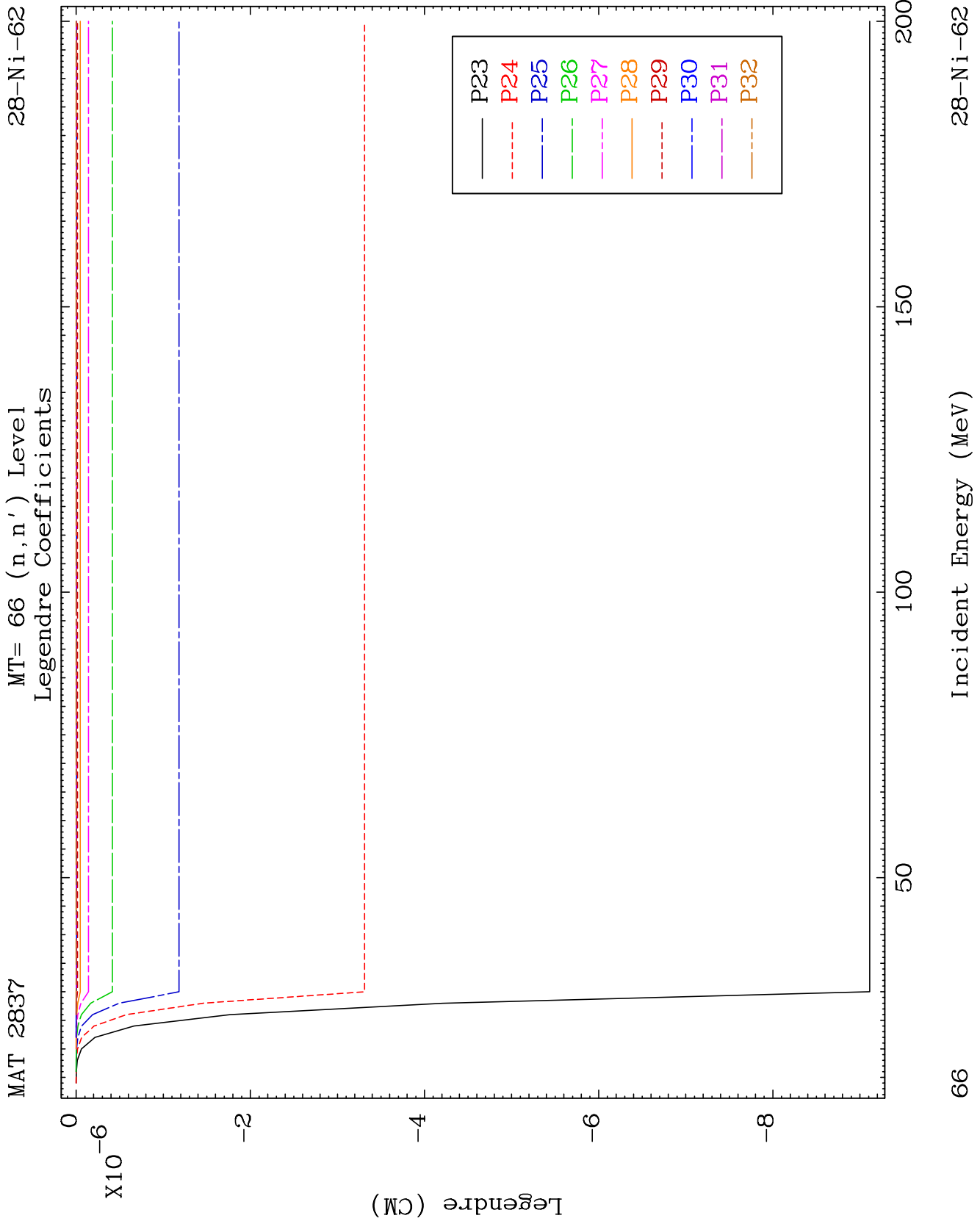
28-Ni-62

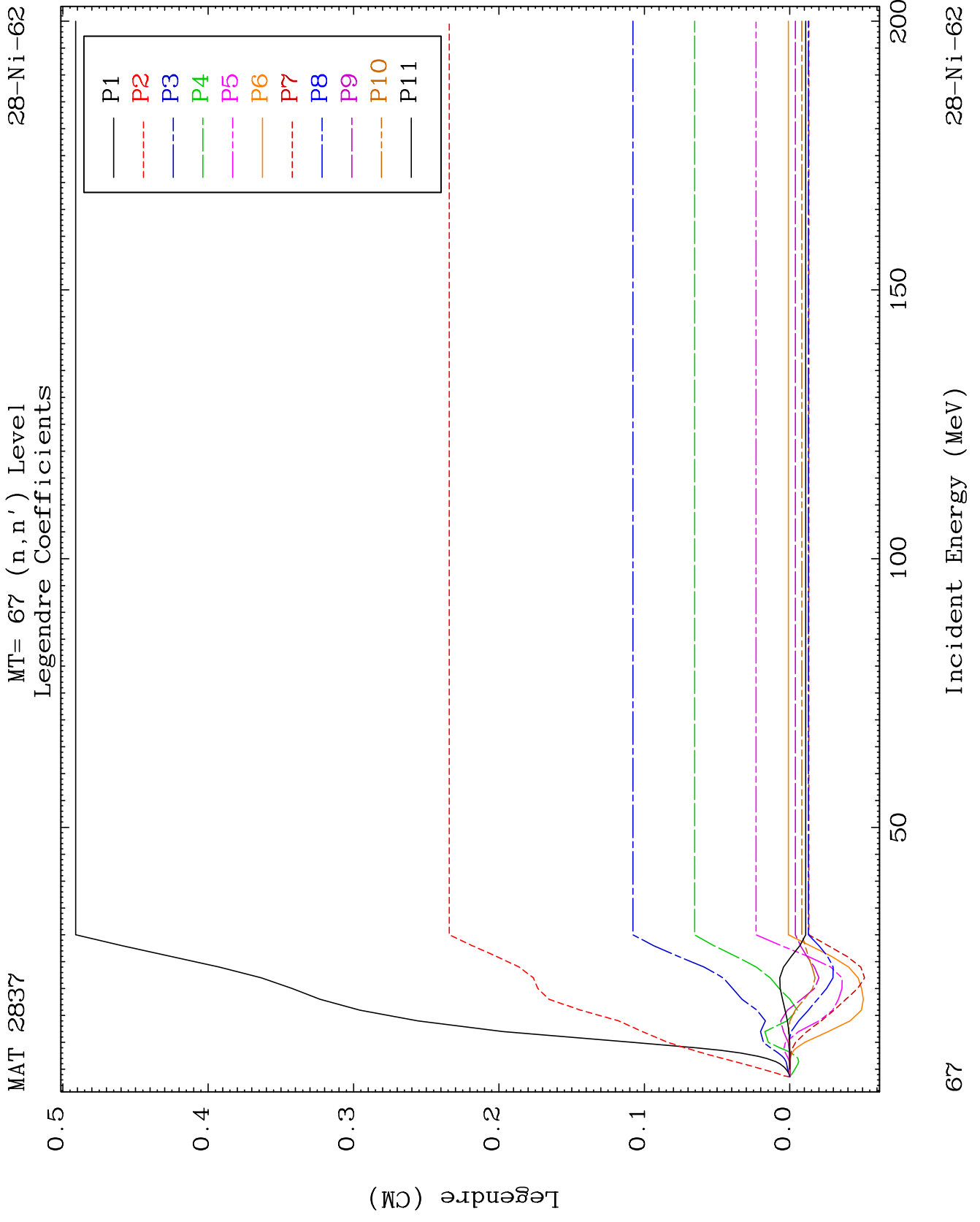


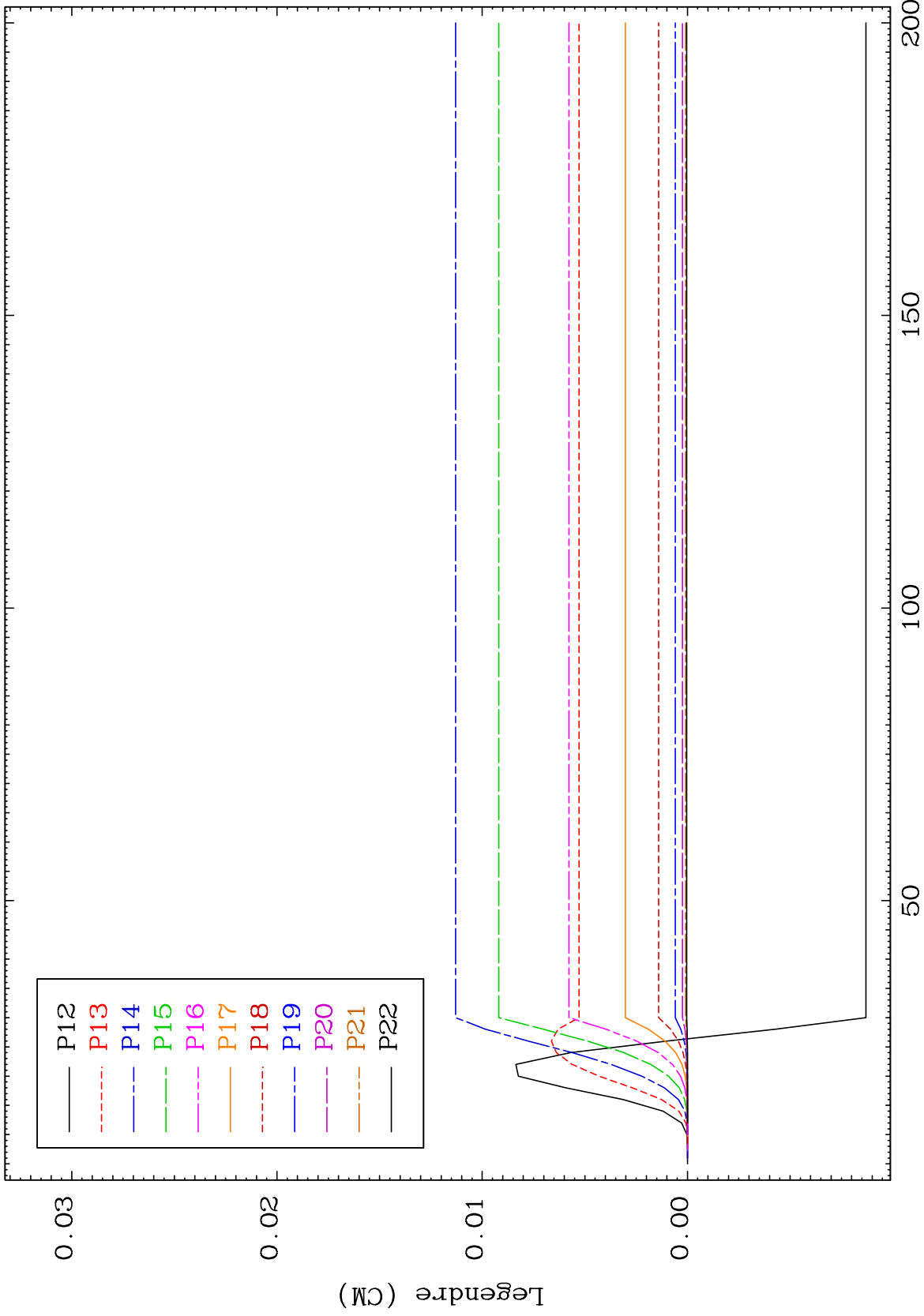
65

Incident Energy (MeV)

28-Ni-62



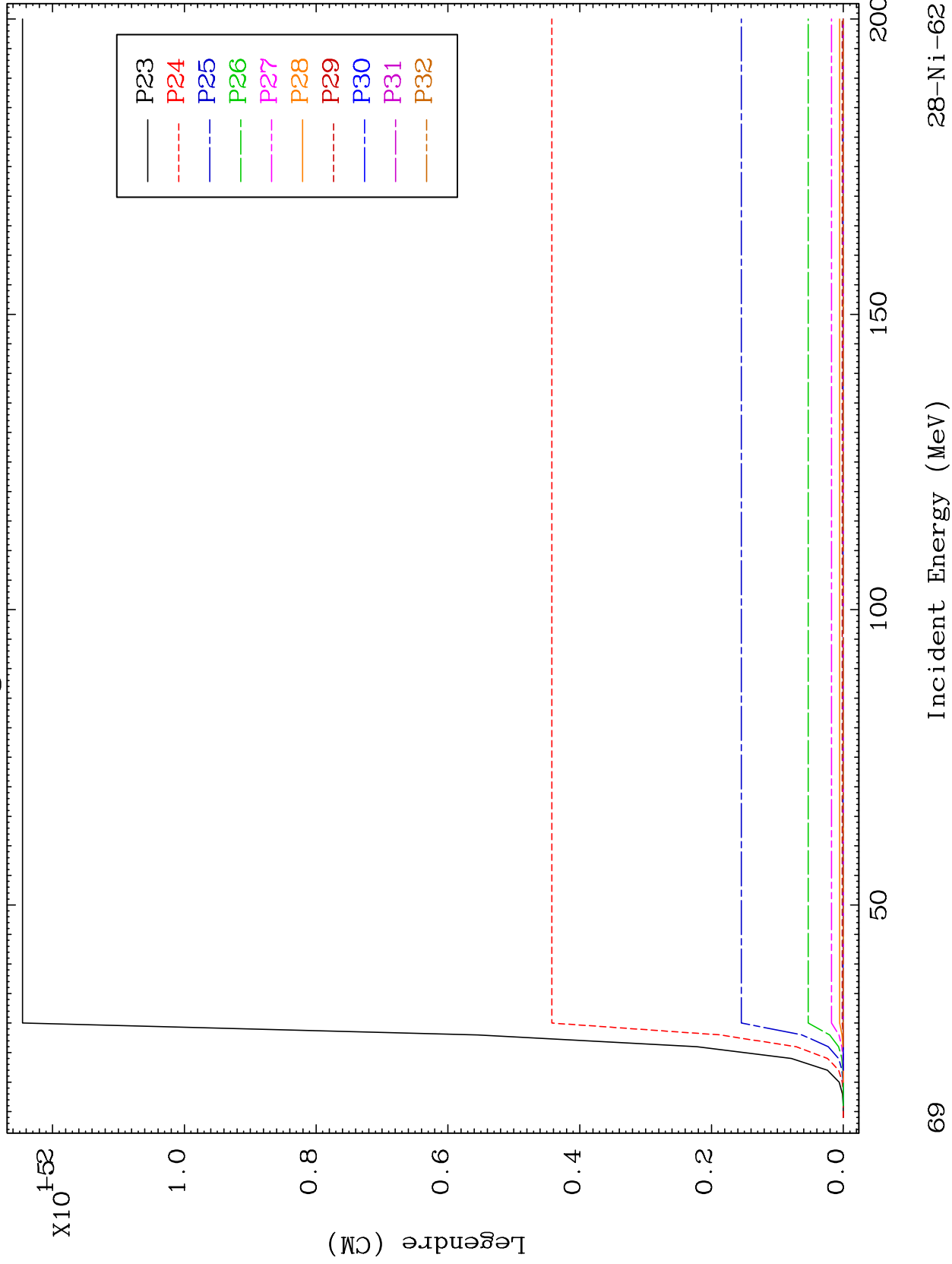




MAT 2837

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

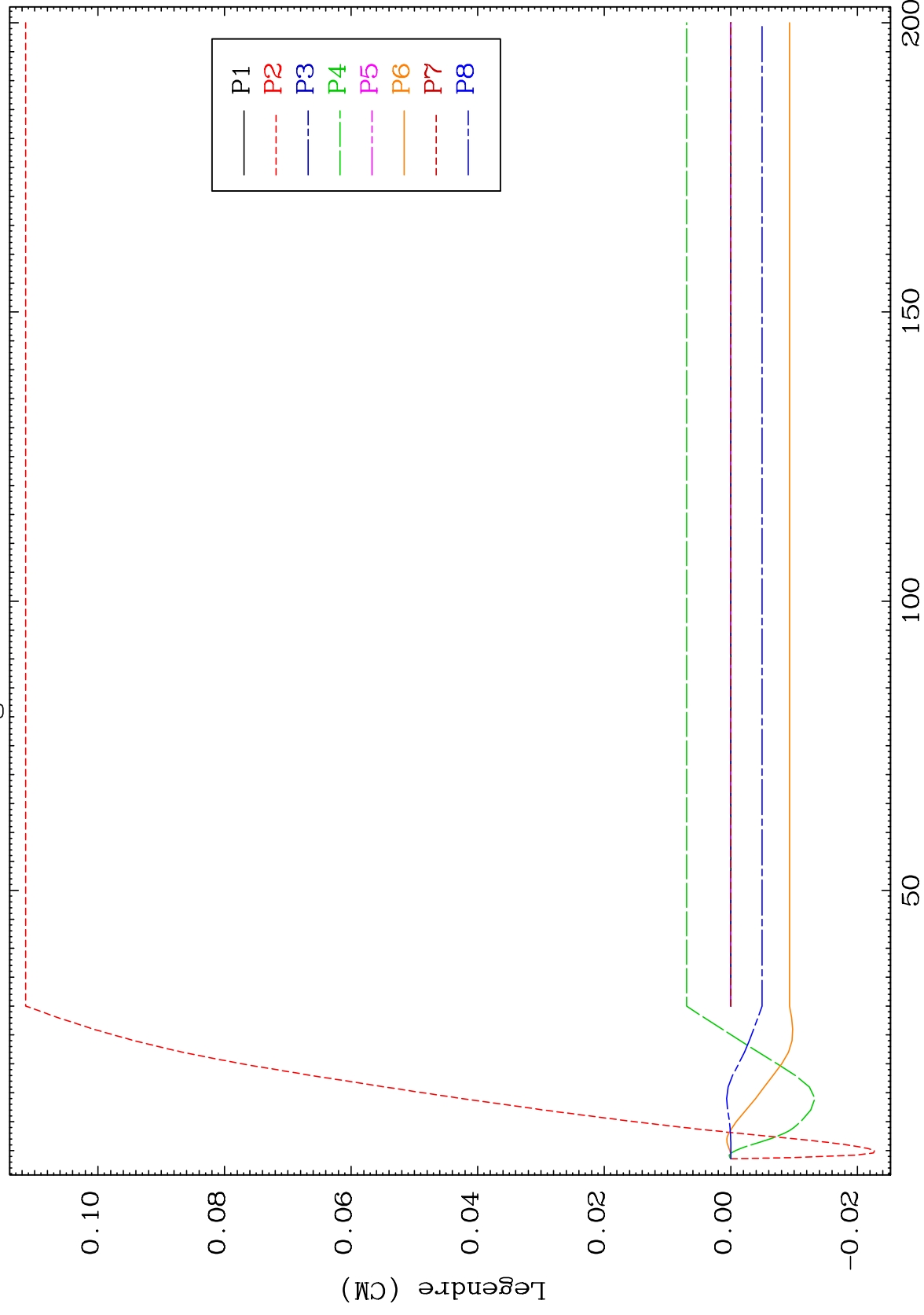
28-Ni-62



MAT 2837

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

28-Ni-62



28-Ni-62

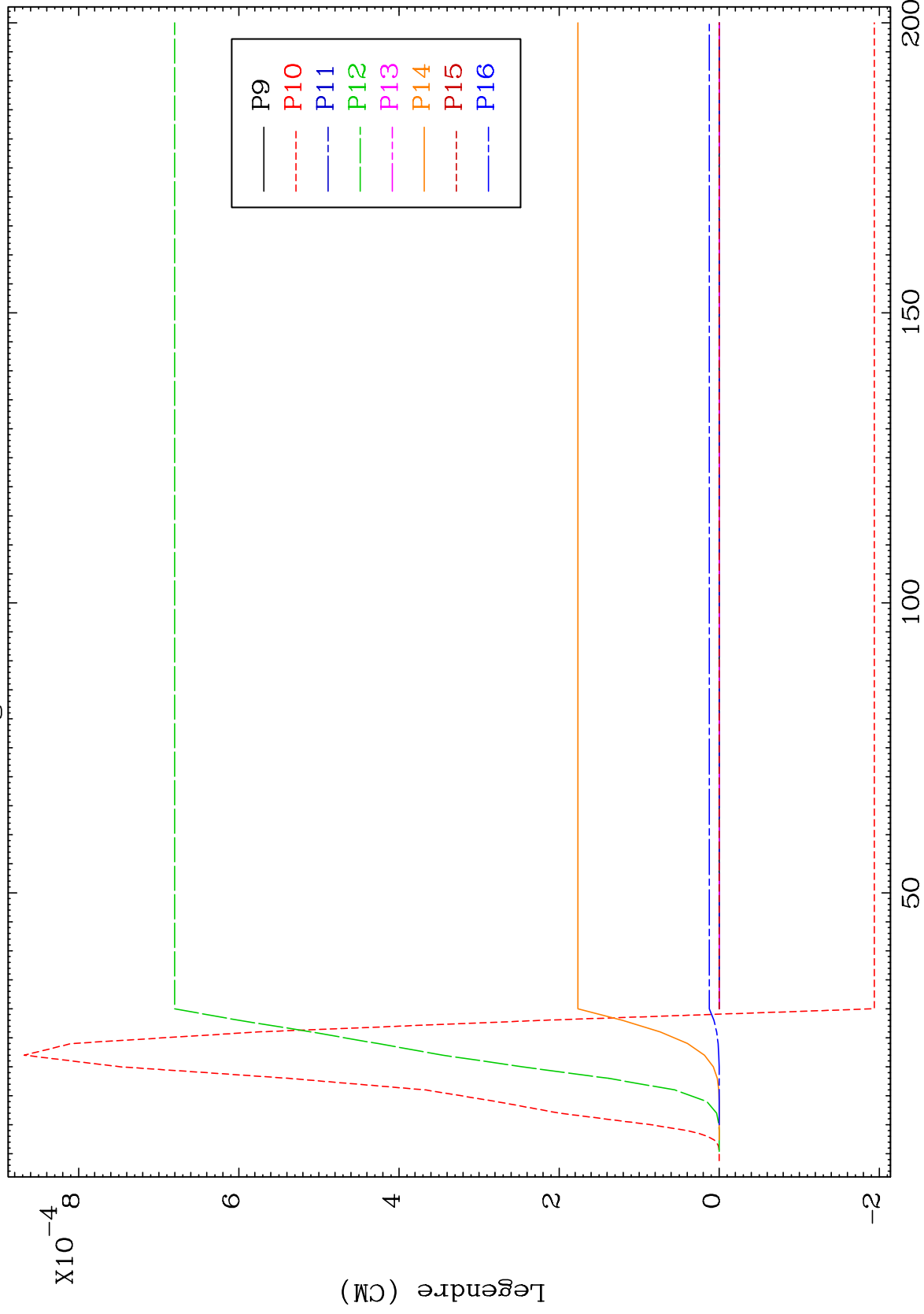
Incident Energy (MeV)

70

MAT 2837

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

28-Ni-62



71

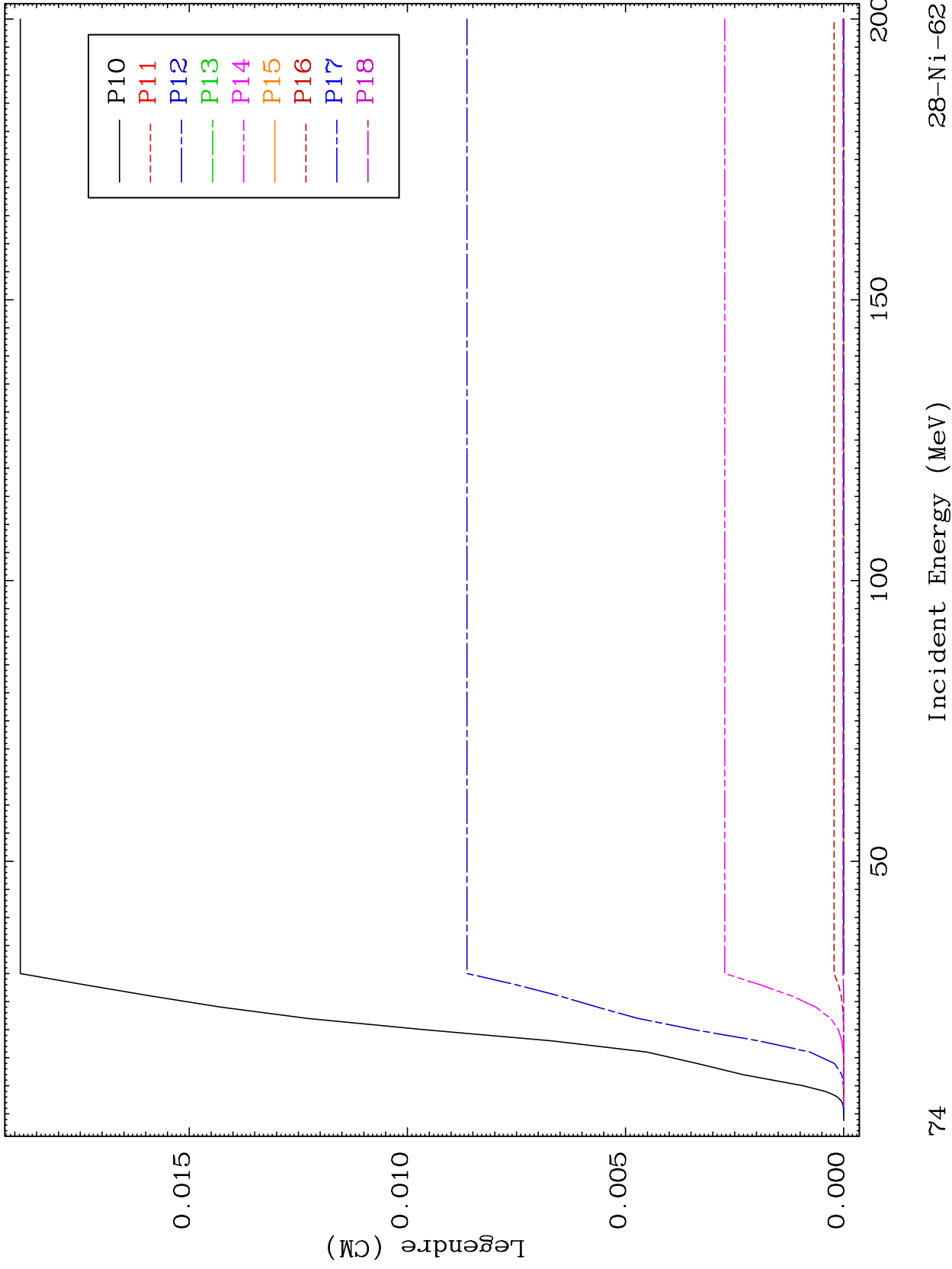
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

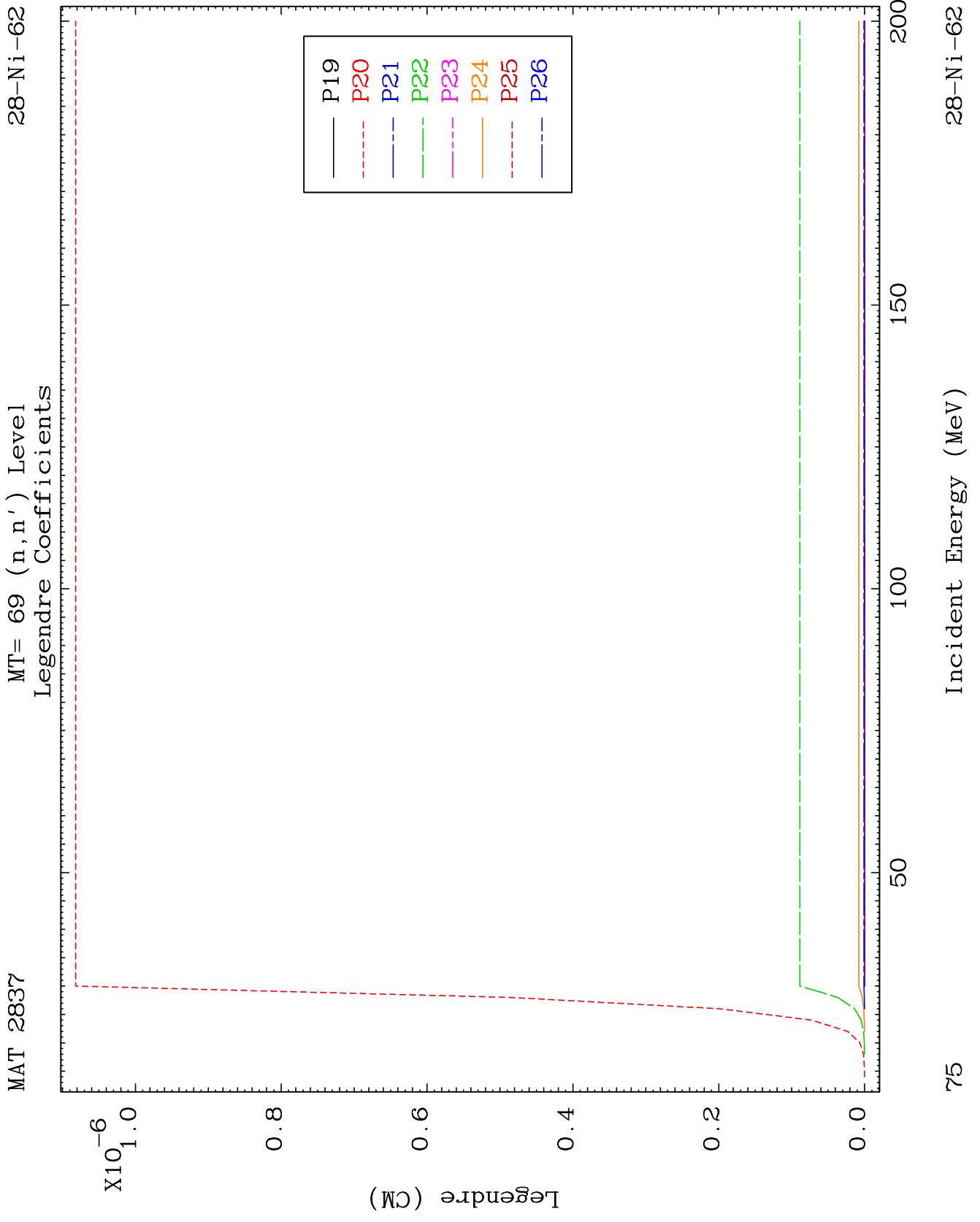
28-Ni-62



74

Incident Energy (MeV)

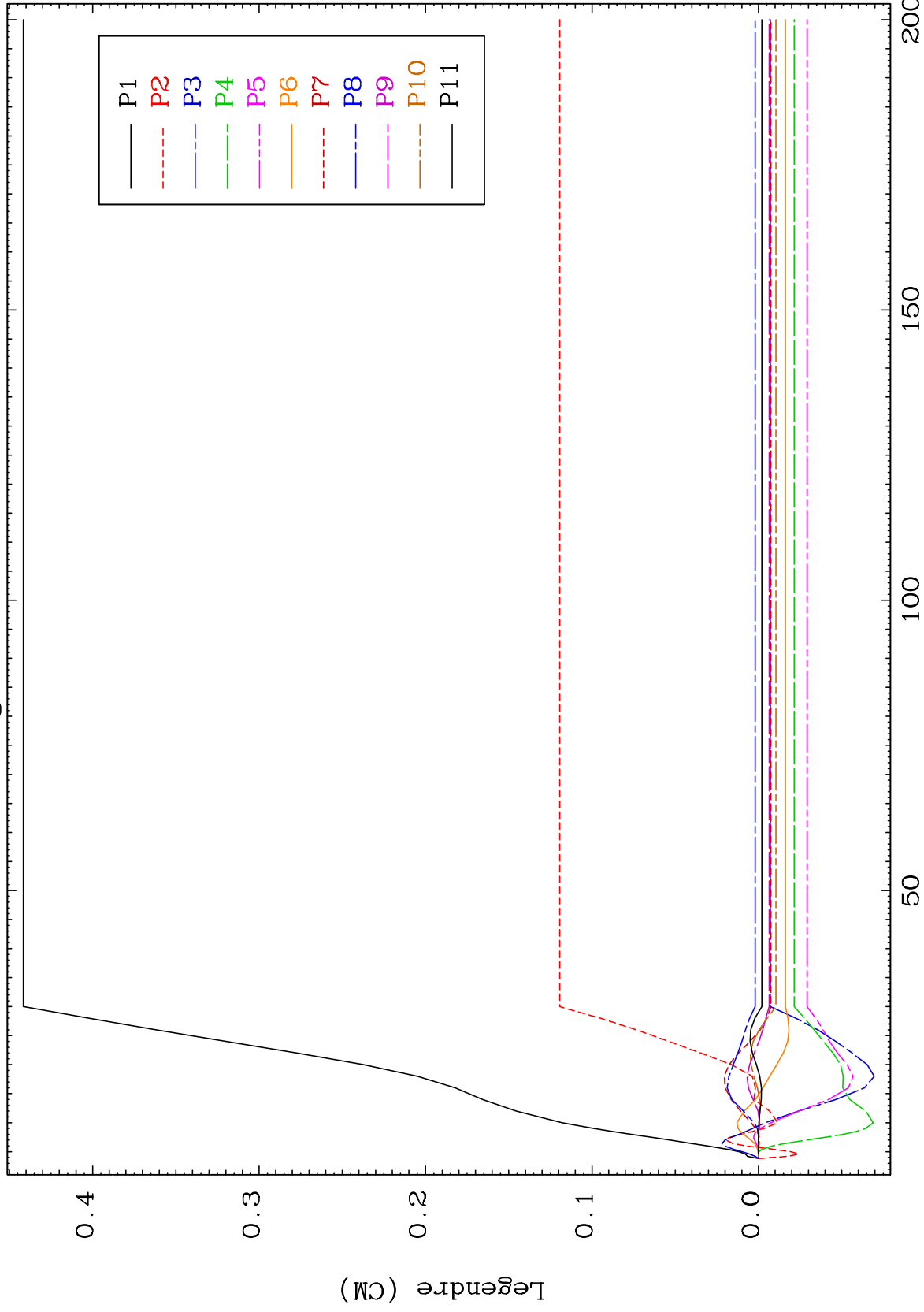
28-Ni-62



MAT 2837

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

28-Ni-62



76

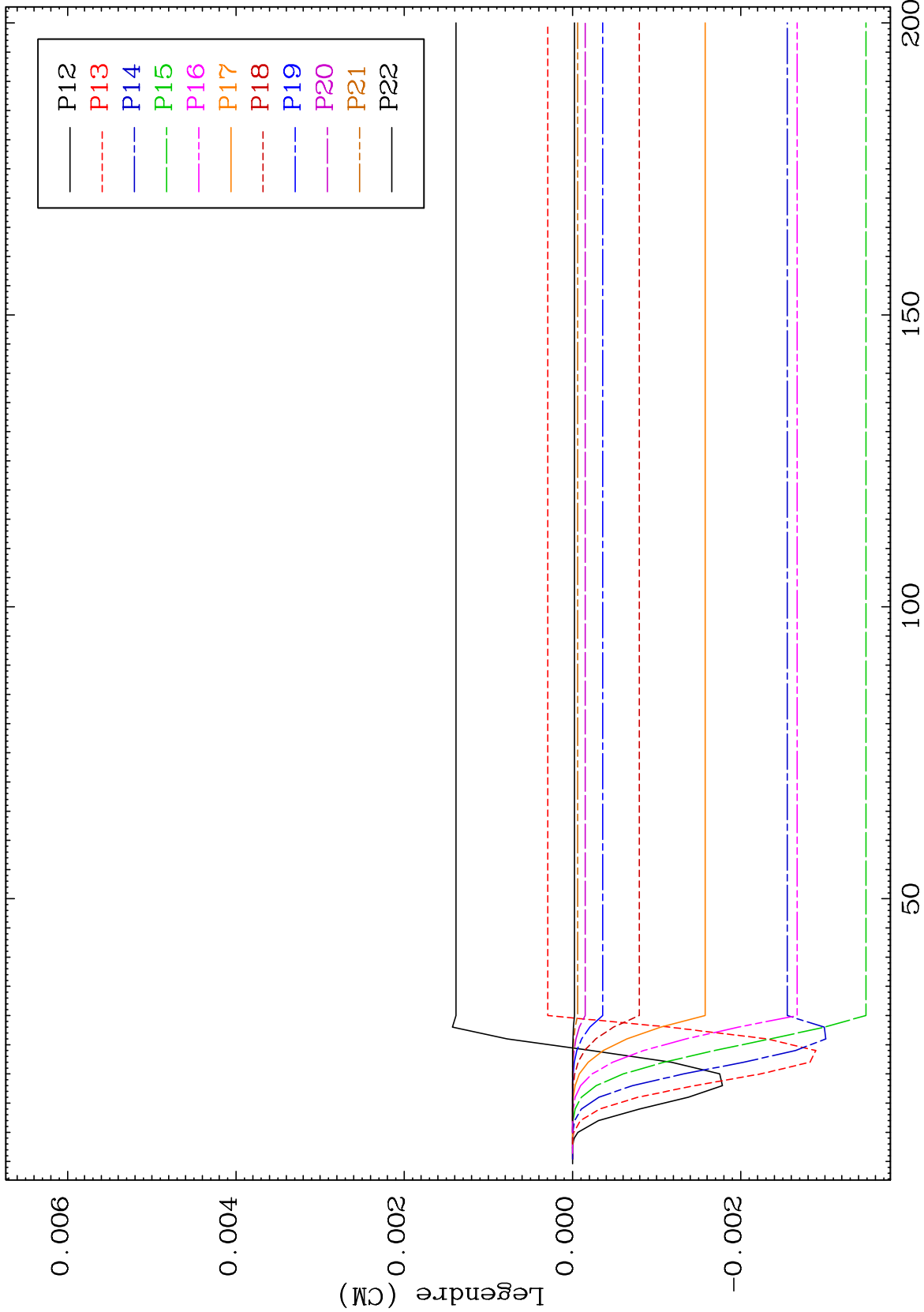
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



77

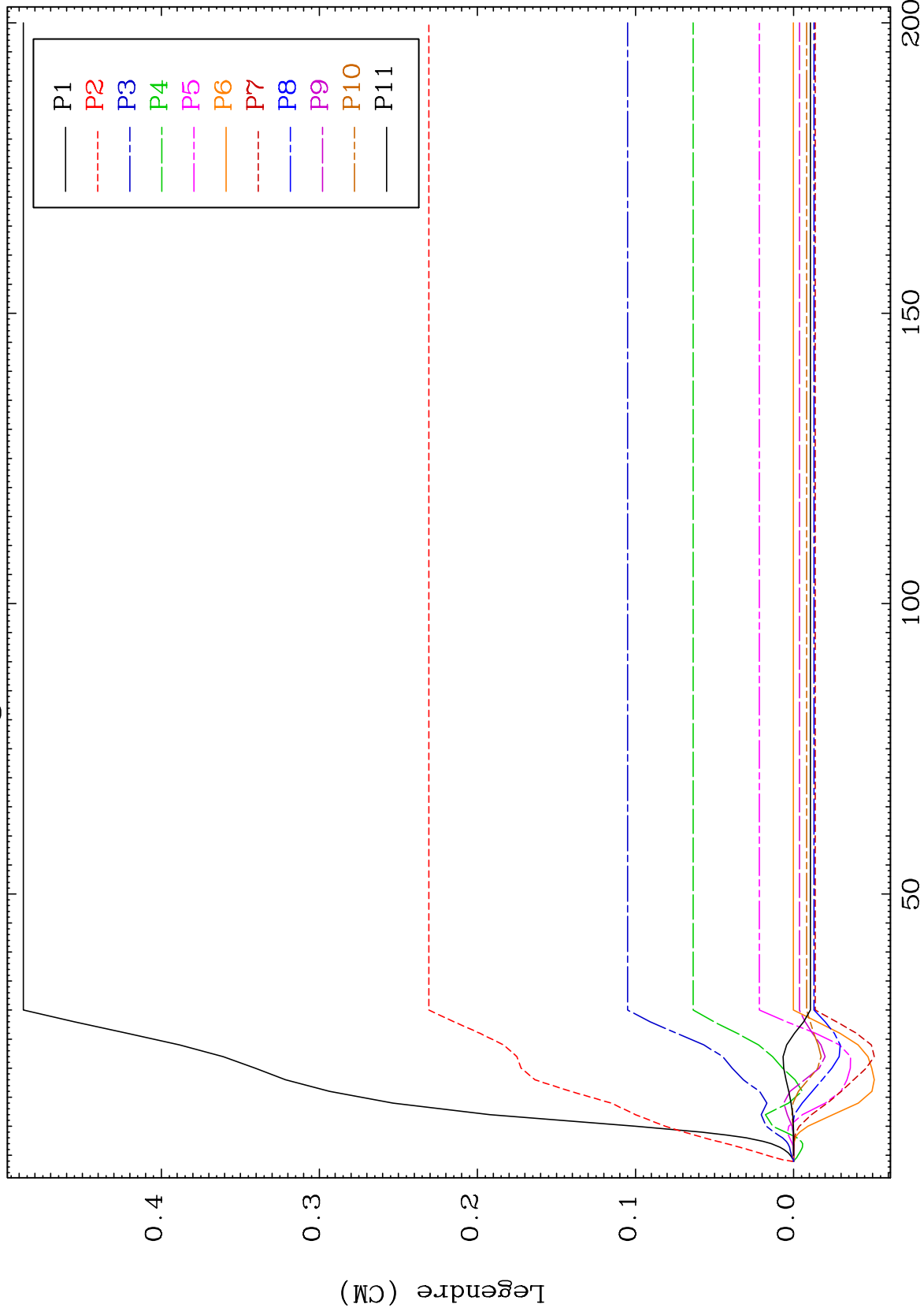
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



79

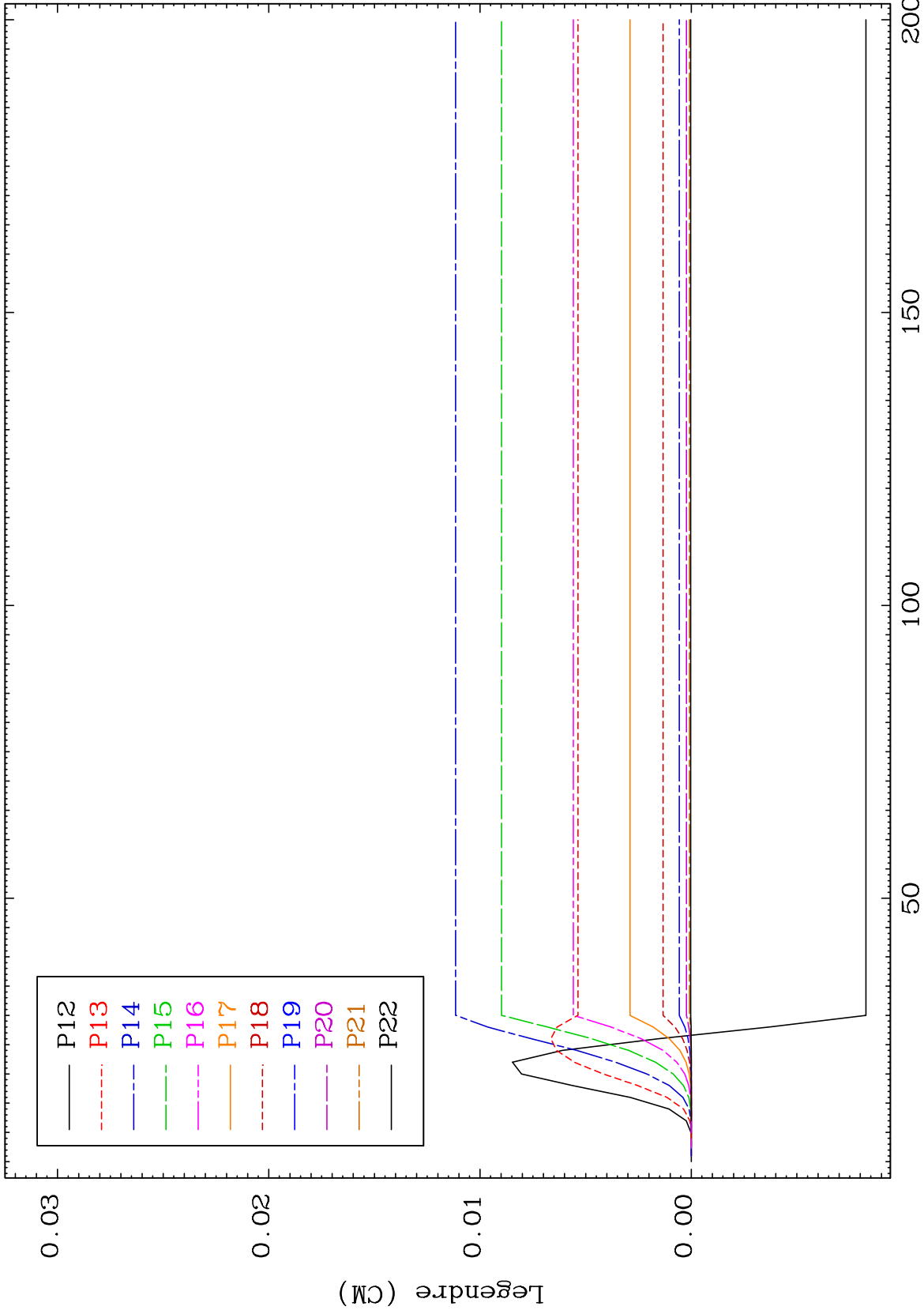
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



80

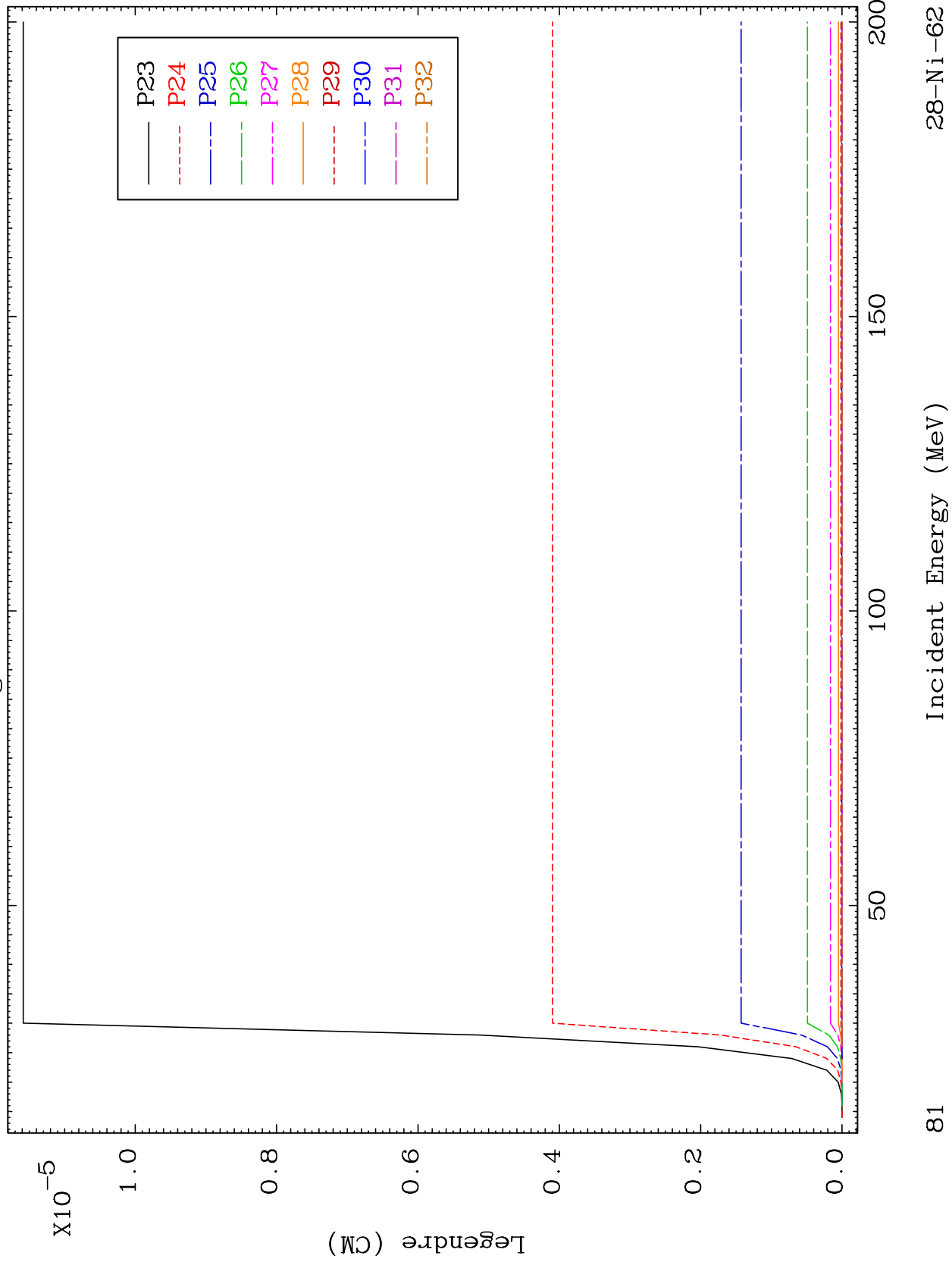
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

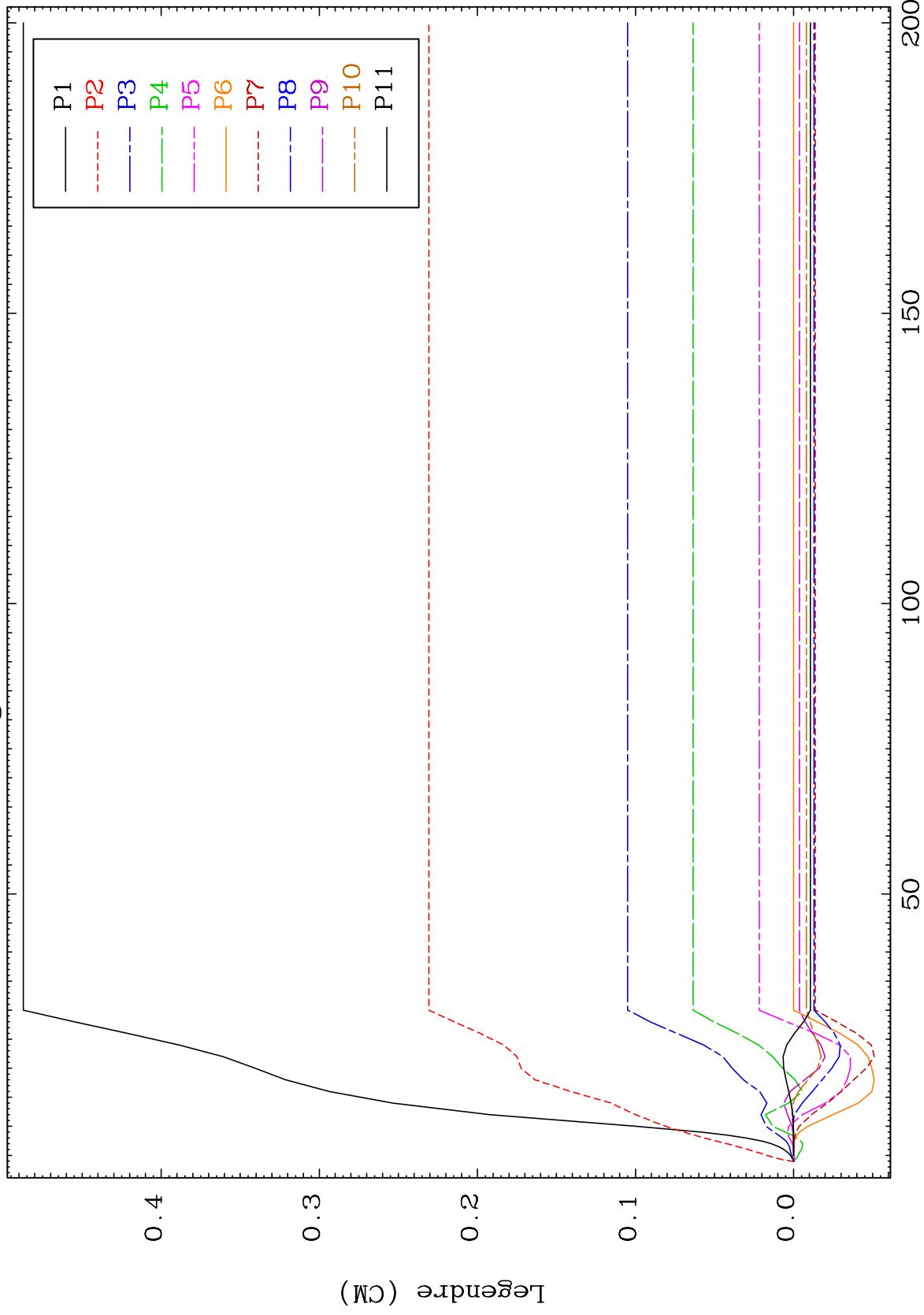
28-Ni-62



MAT 2837

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

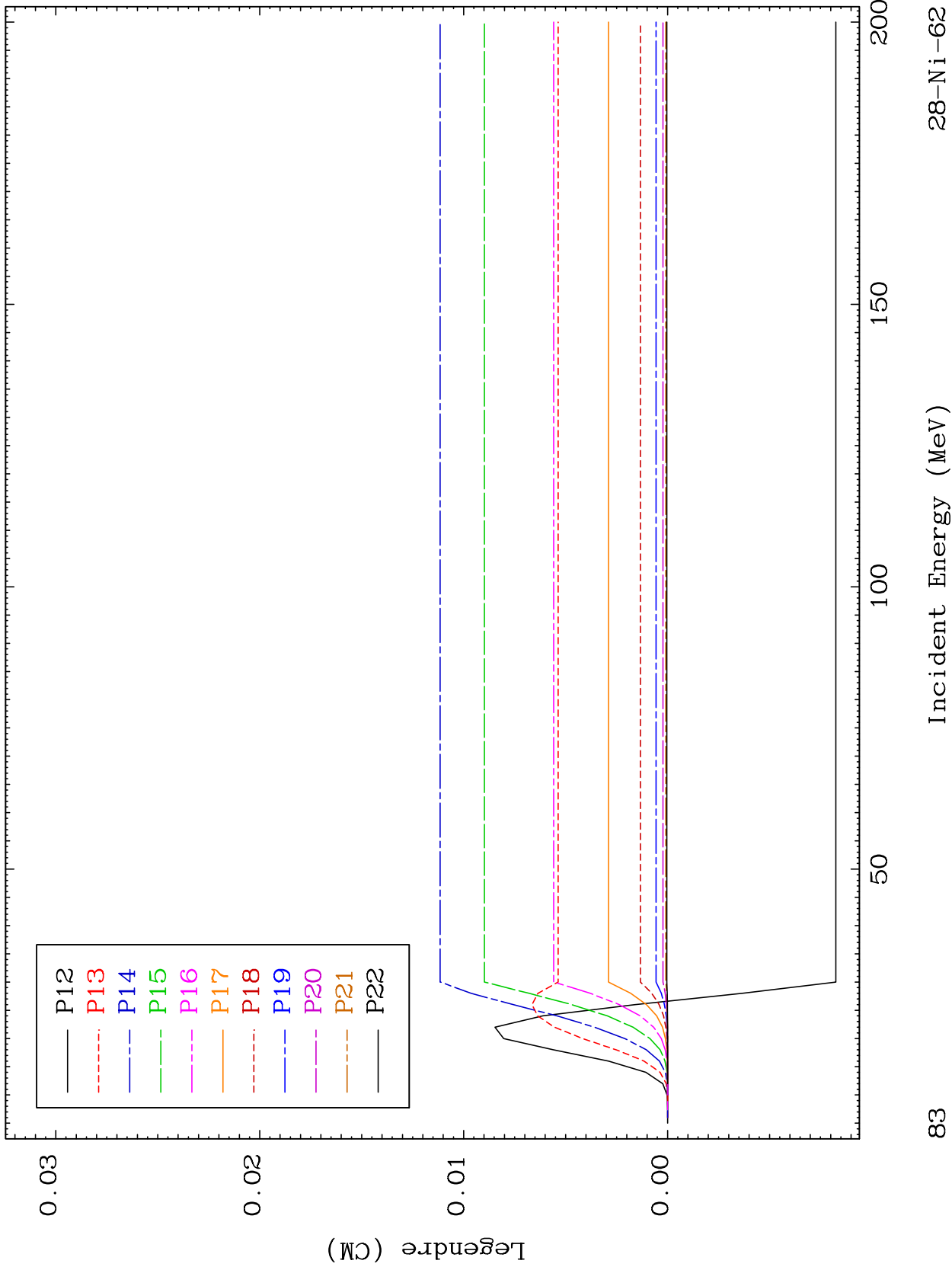
28-Ni-62



82

Incident Energy (MeV)

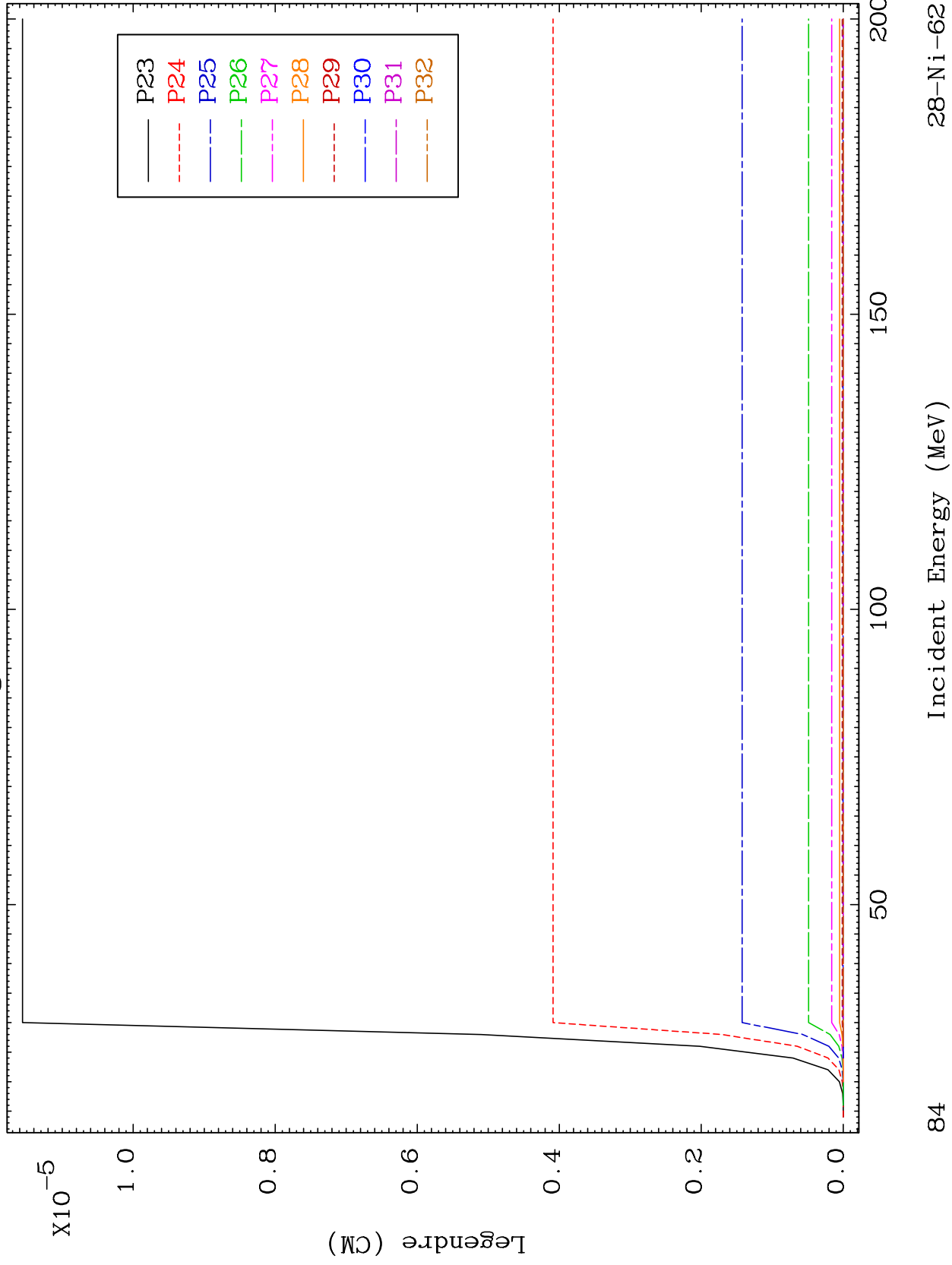
28-Ni-62



MAT 2837

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

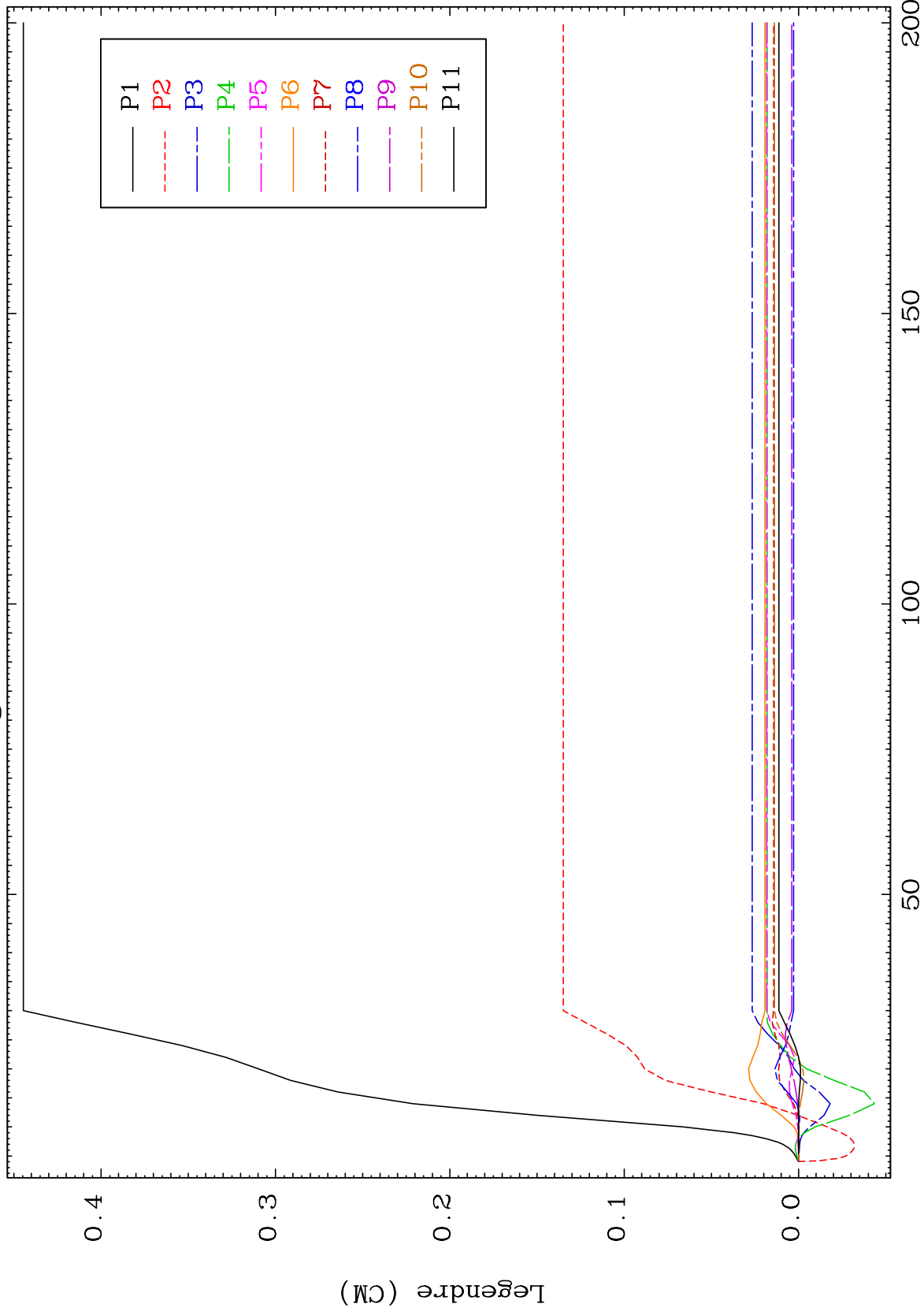
28-Ni-62



MAT 2837

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

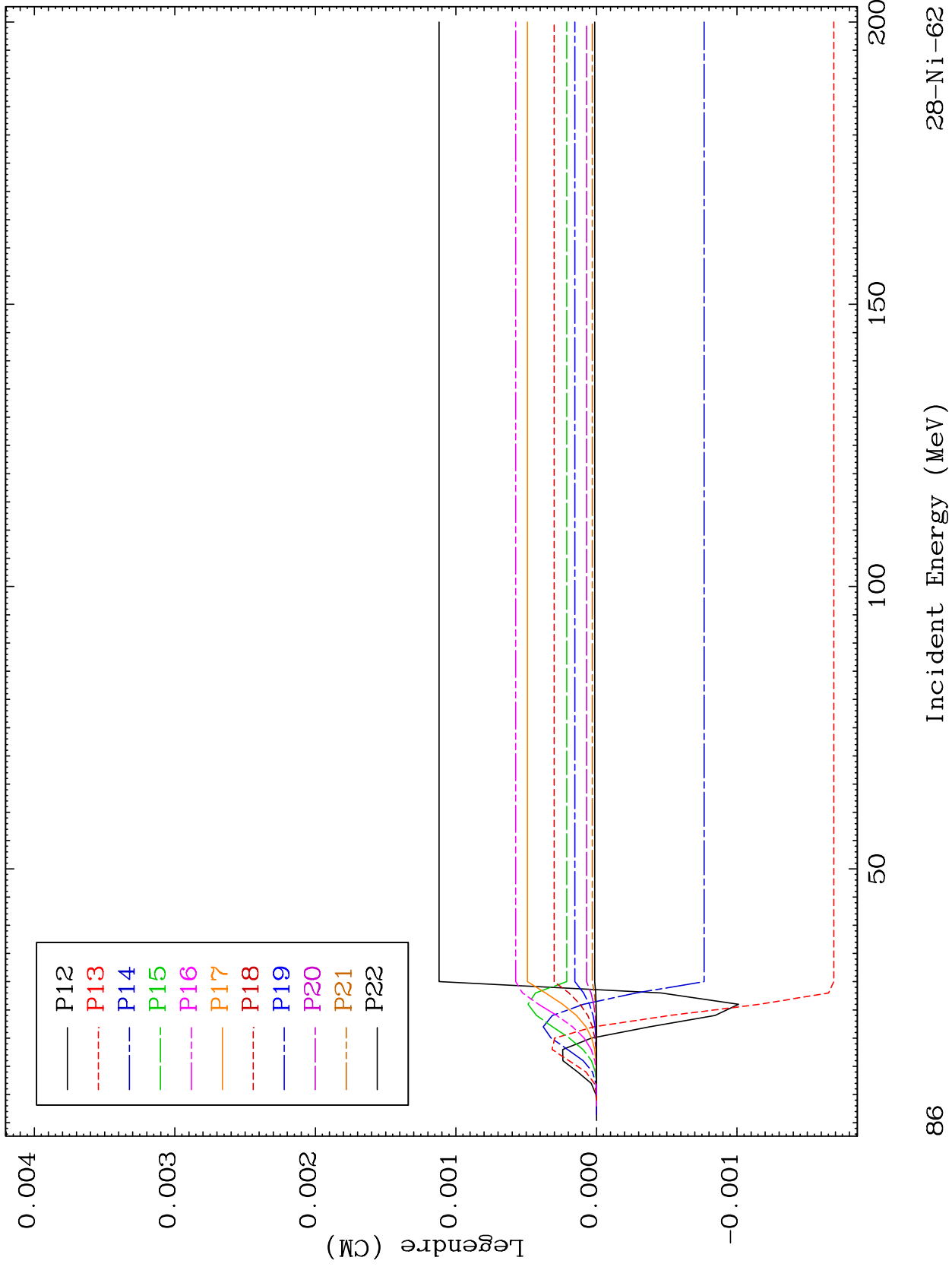
28-Ni-62



85

Incident Energy (MeV)

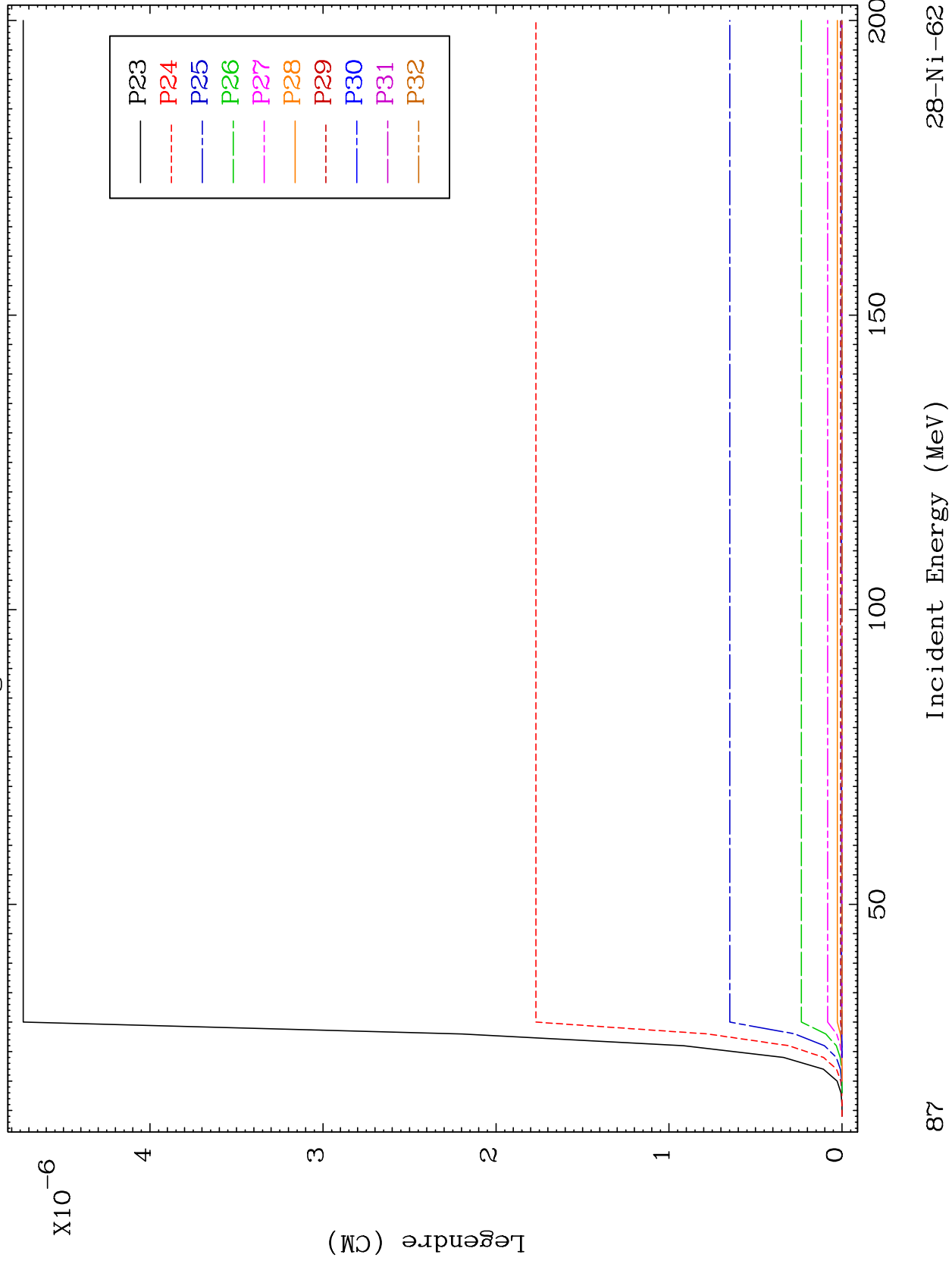
28-Ni-62



MAT 2837

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

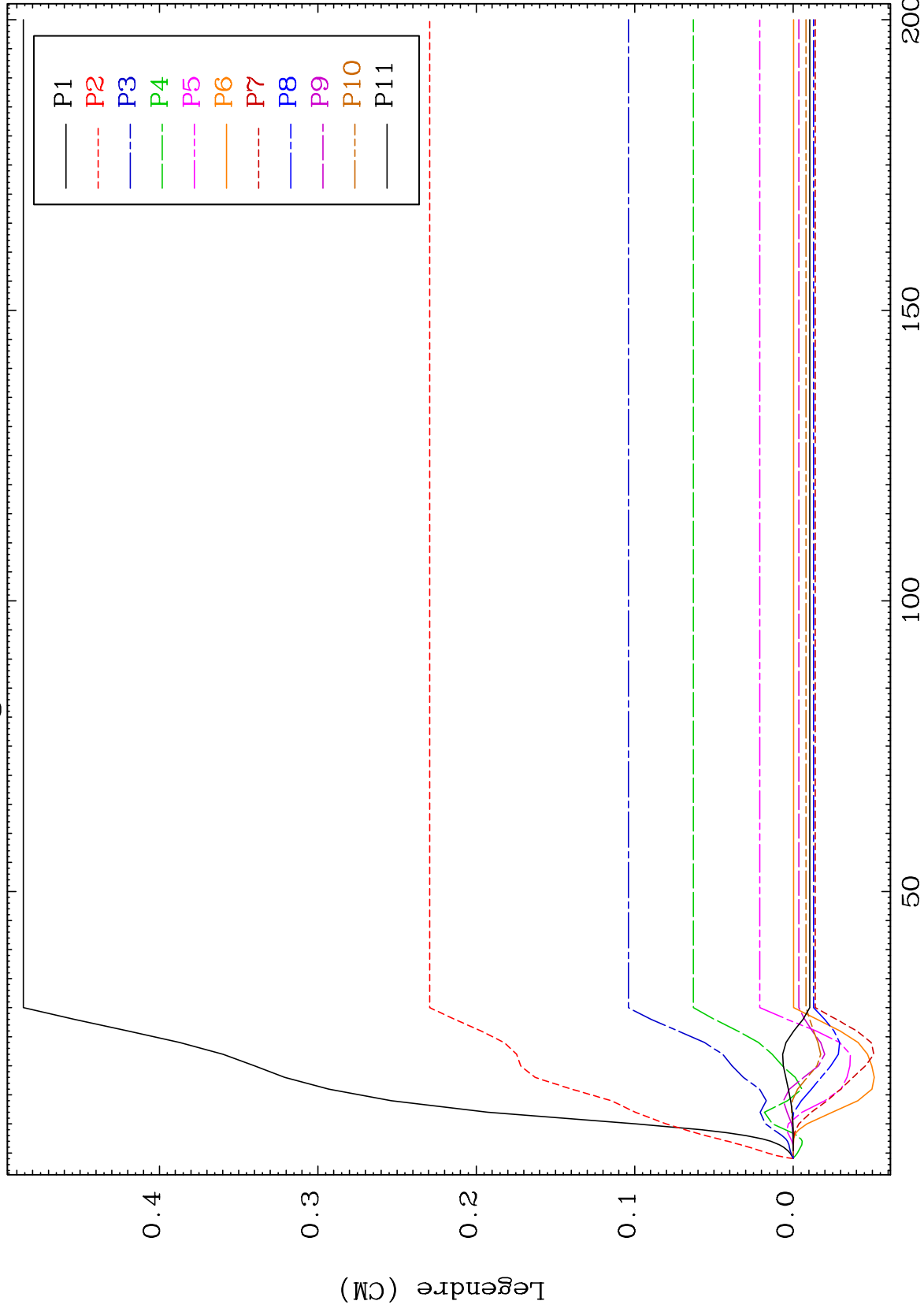
28-Ni-62



MAT 2837

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

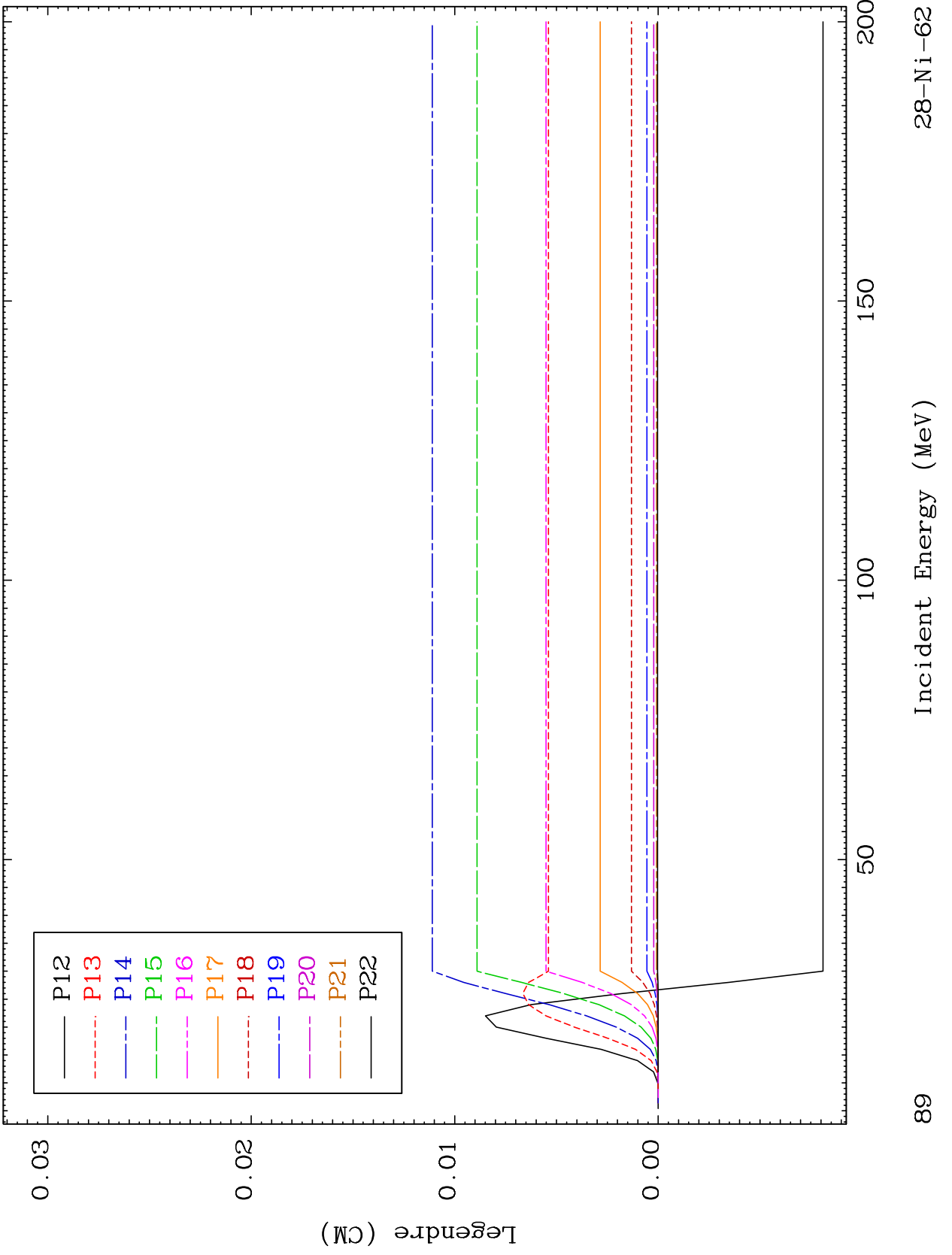
28-Ni-62



88

Incident Energy (MeV)

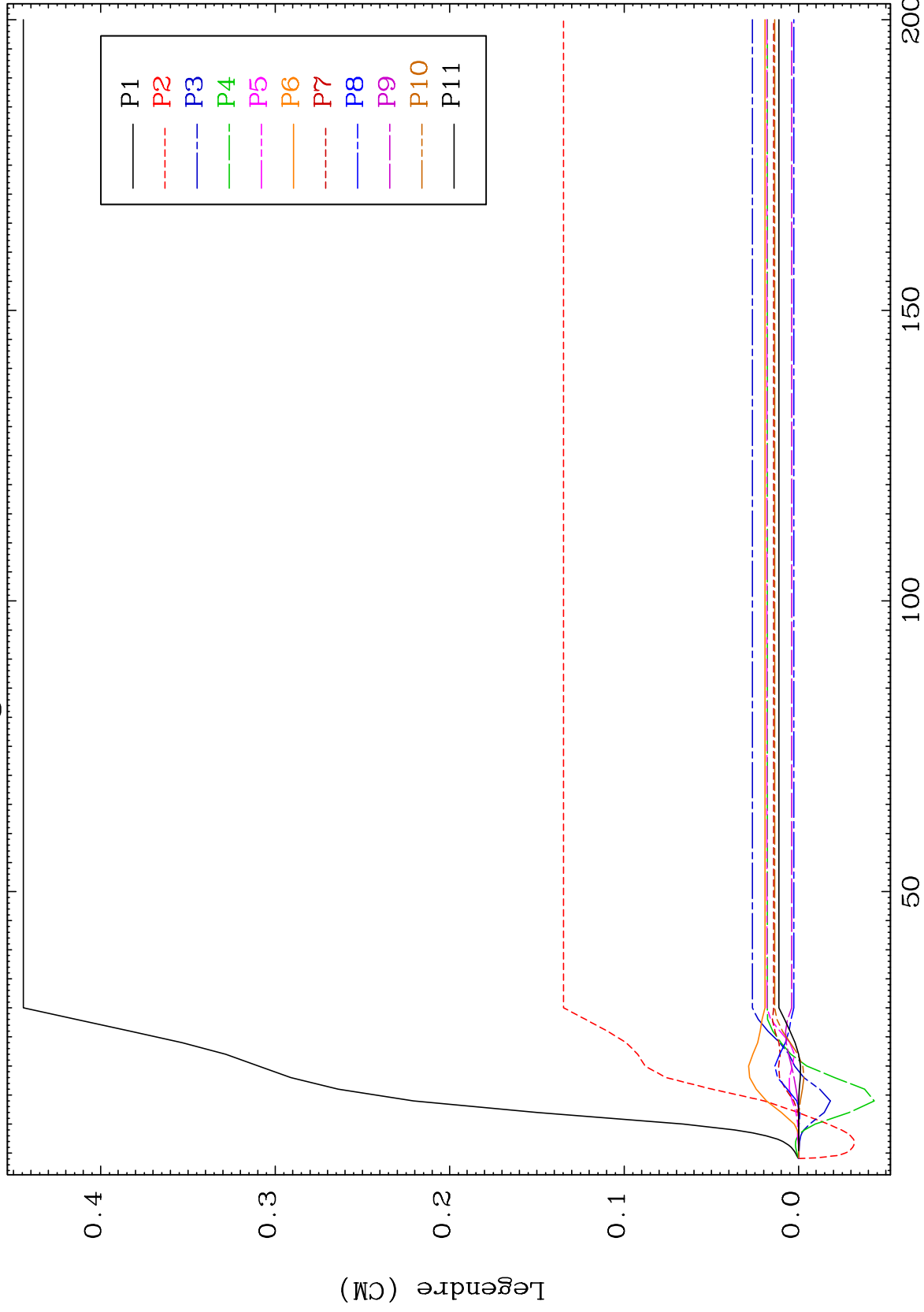
28-Ni-62



MAT 2837

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

28-Ni-62



91

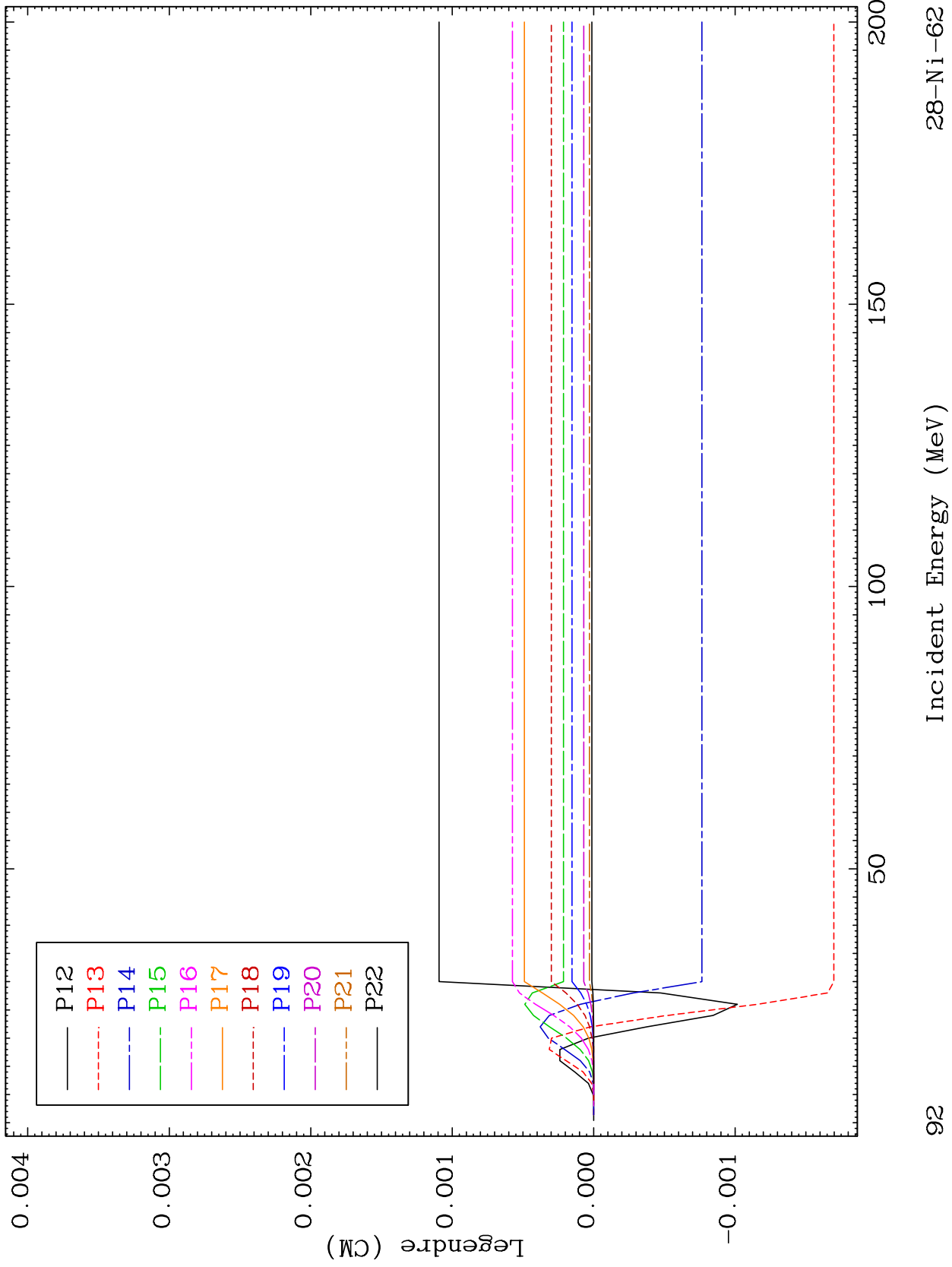
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

28-Ni-62



92

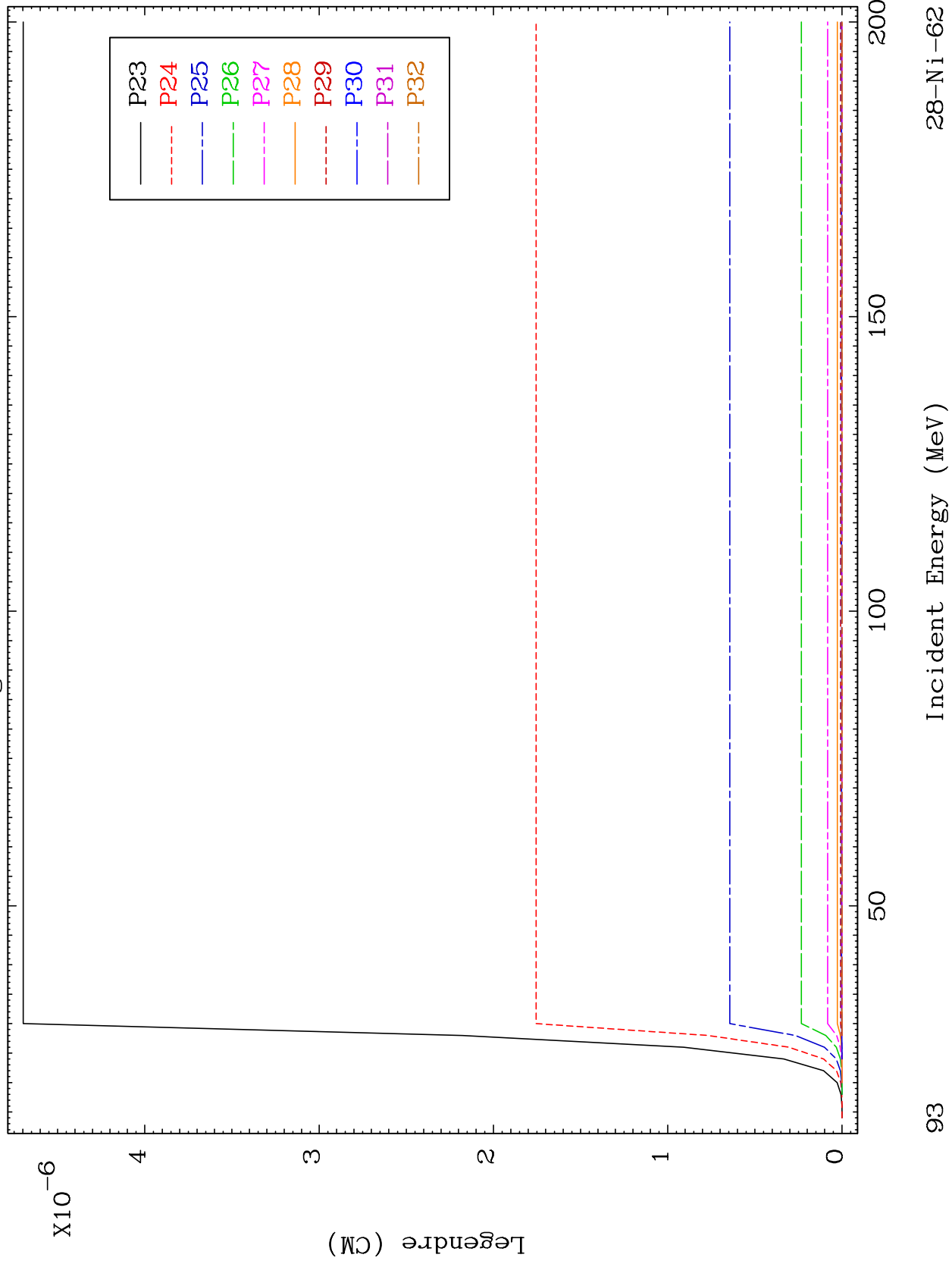
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

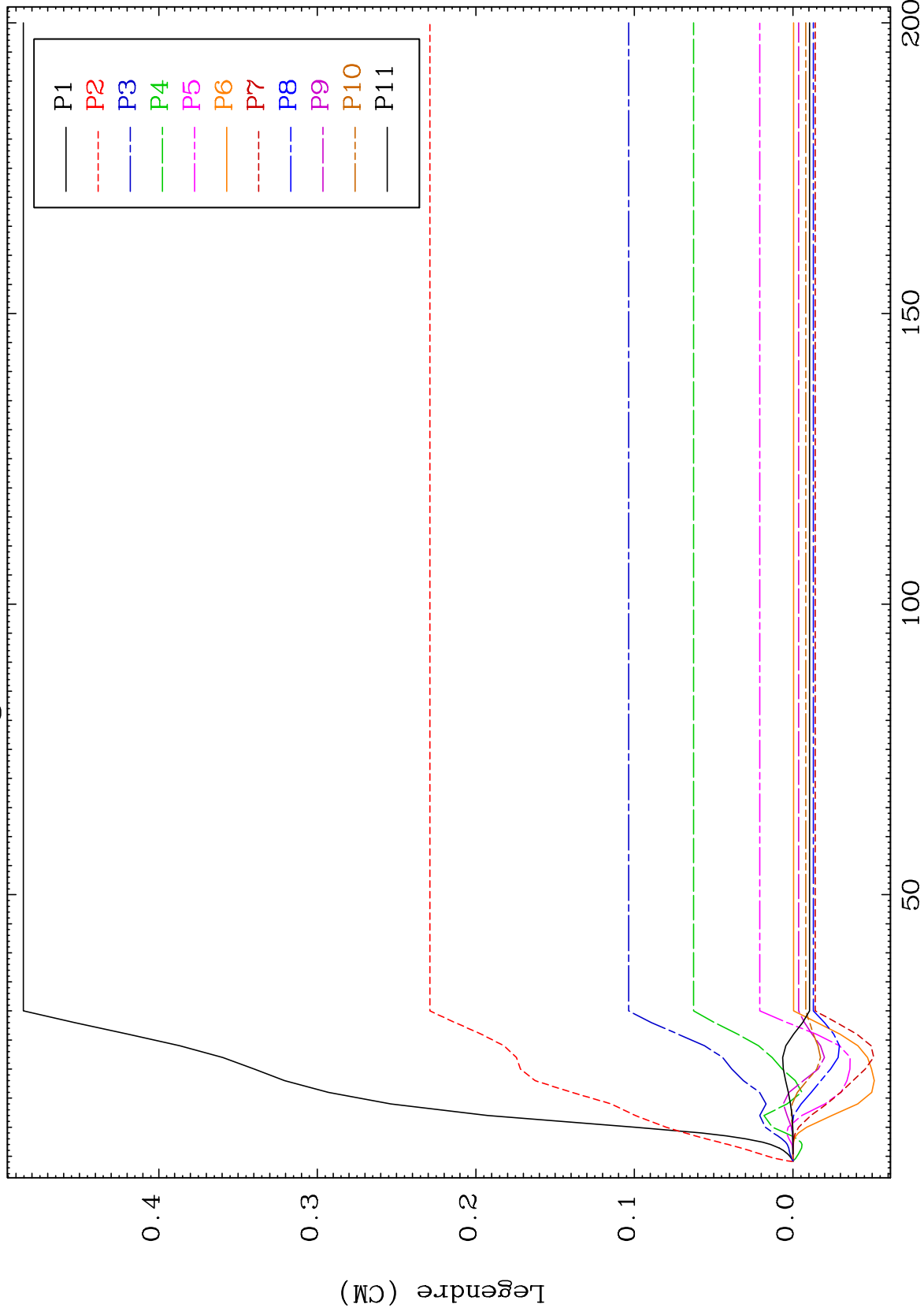
28-Ni-62



MAT 2837

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

28-Ni-62



94

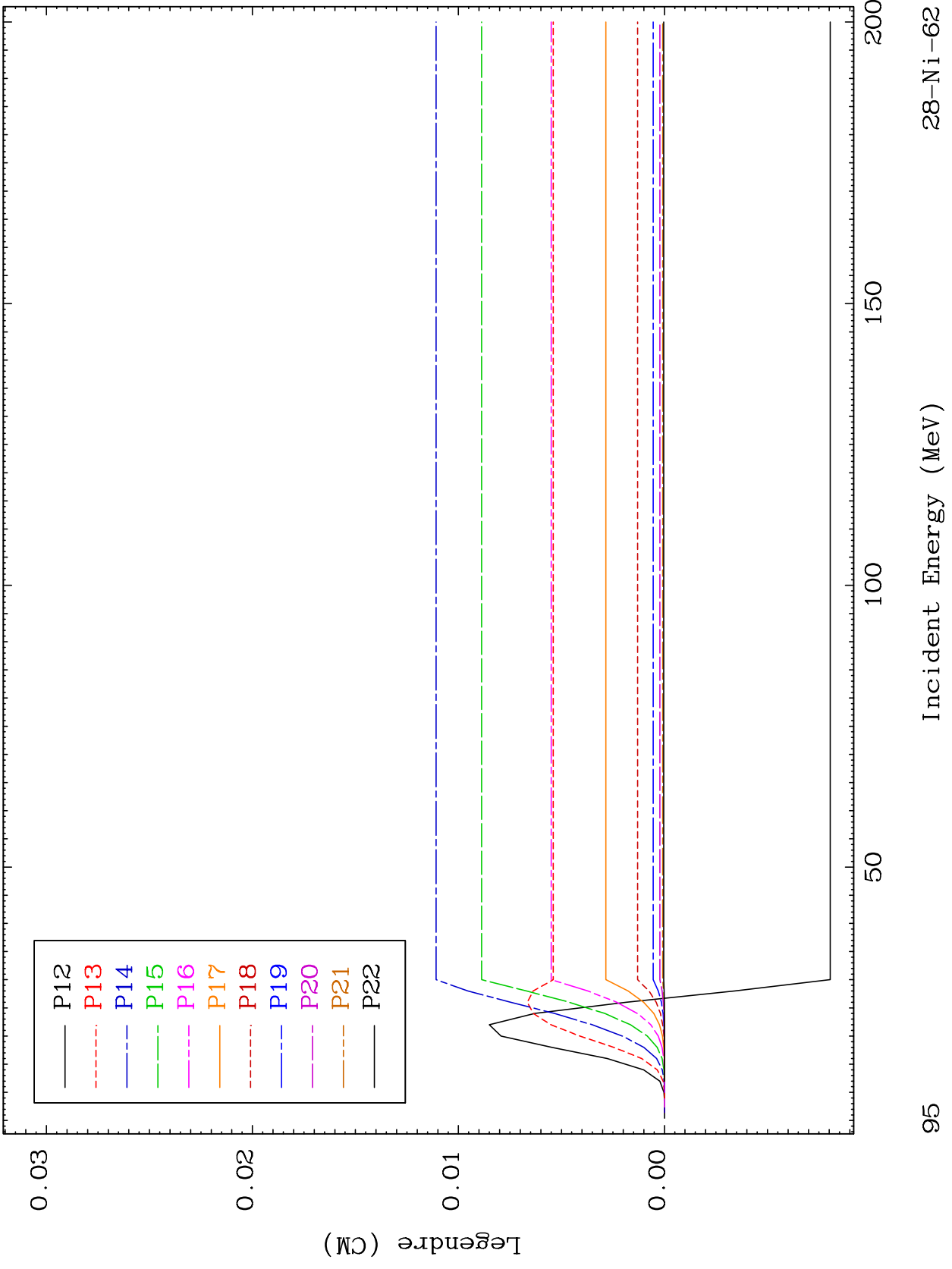
Incident Energy (MeV)

28-Ni-62

MAT 2837

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

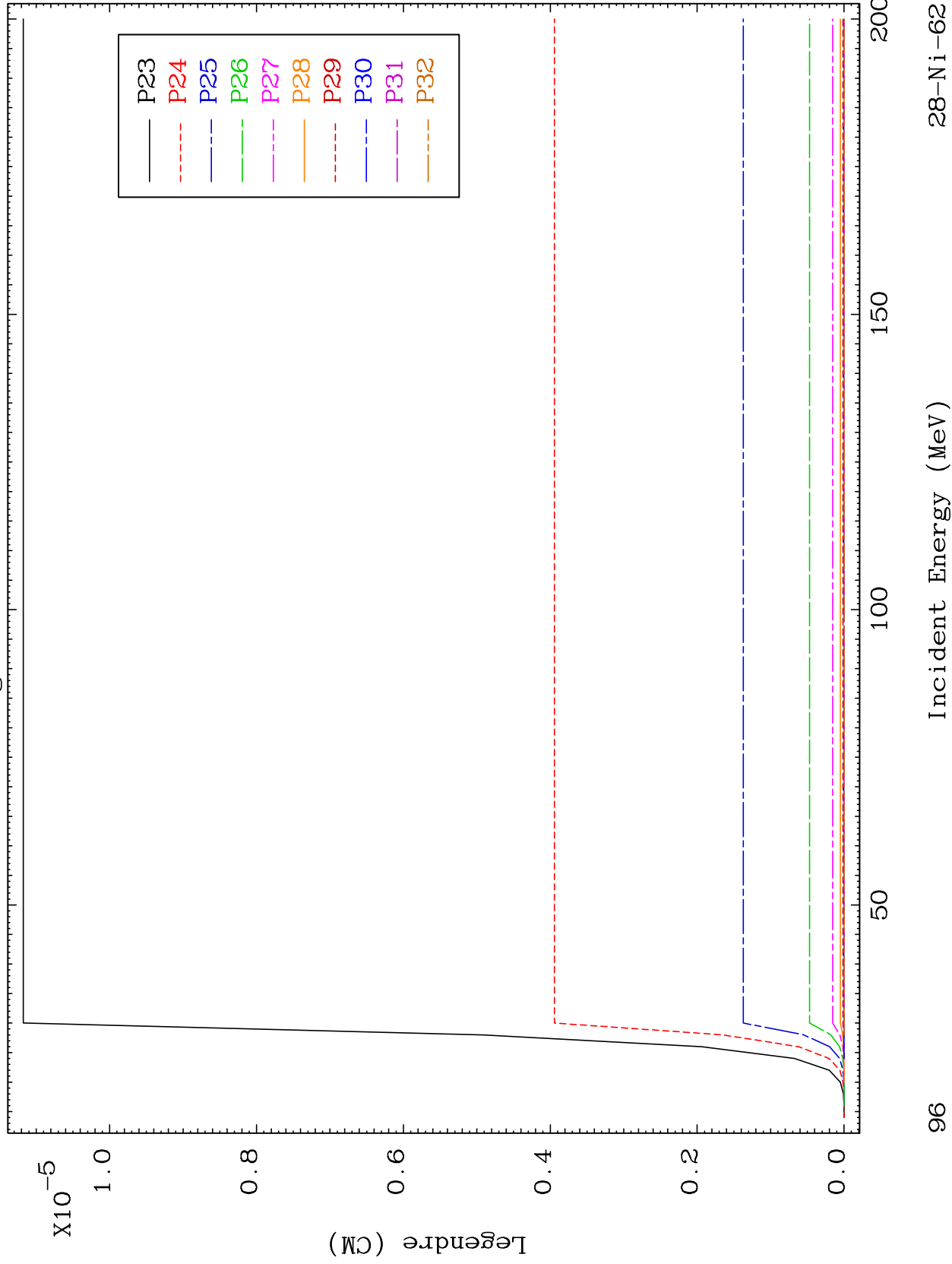
28-Ni-62



MAT 2837

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

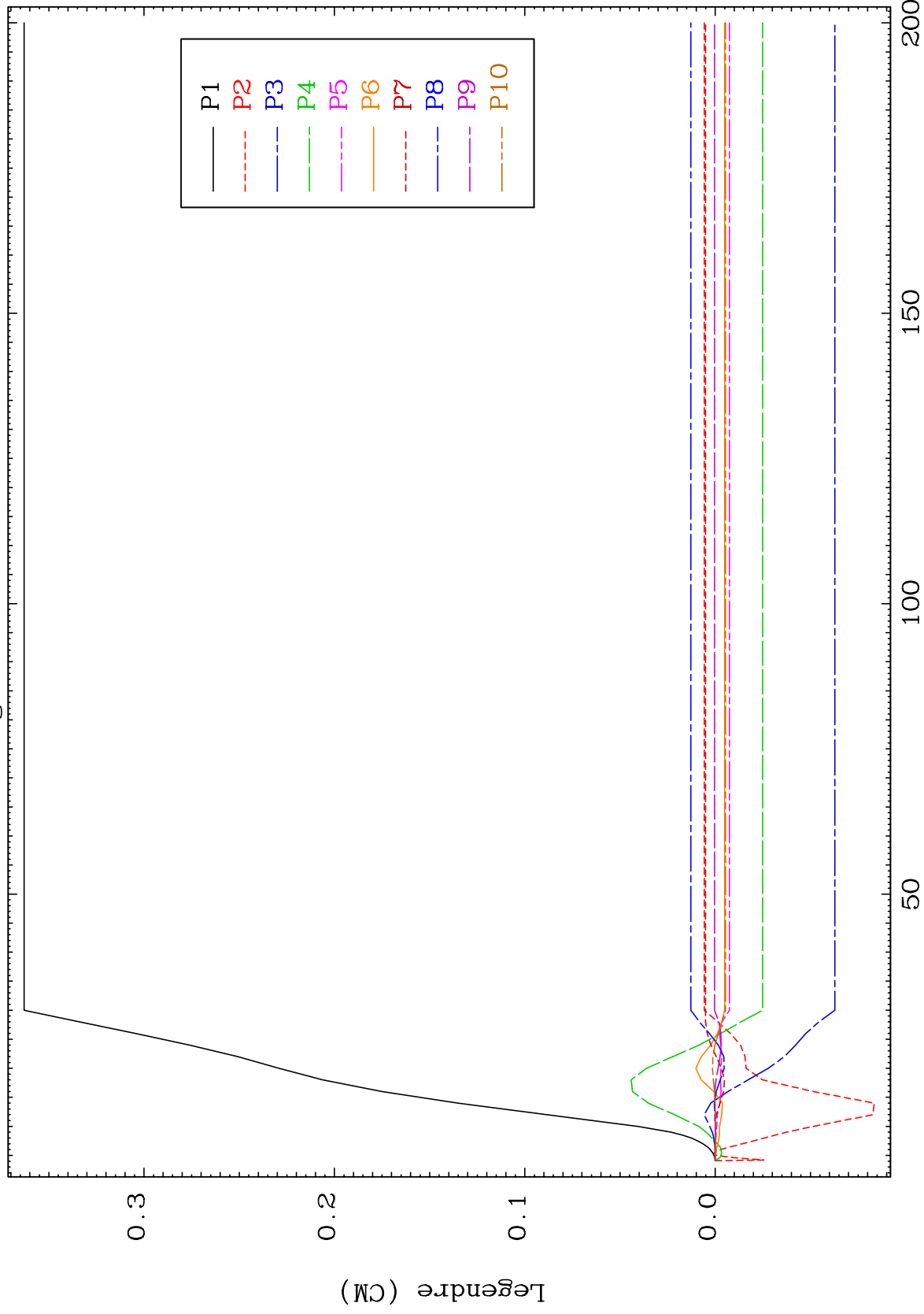
28-Ni-62



MAT 2837

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

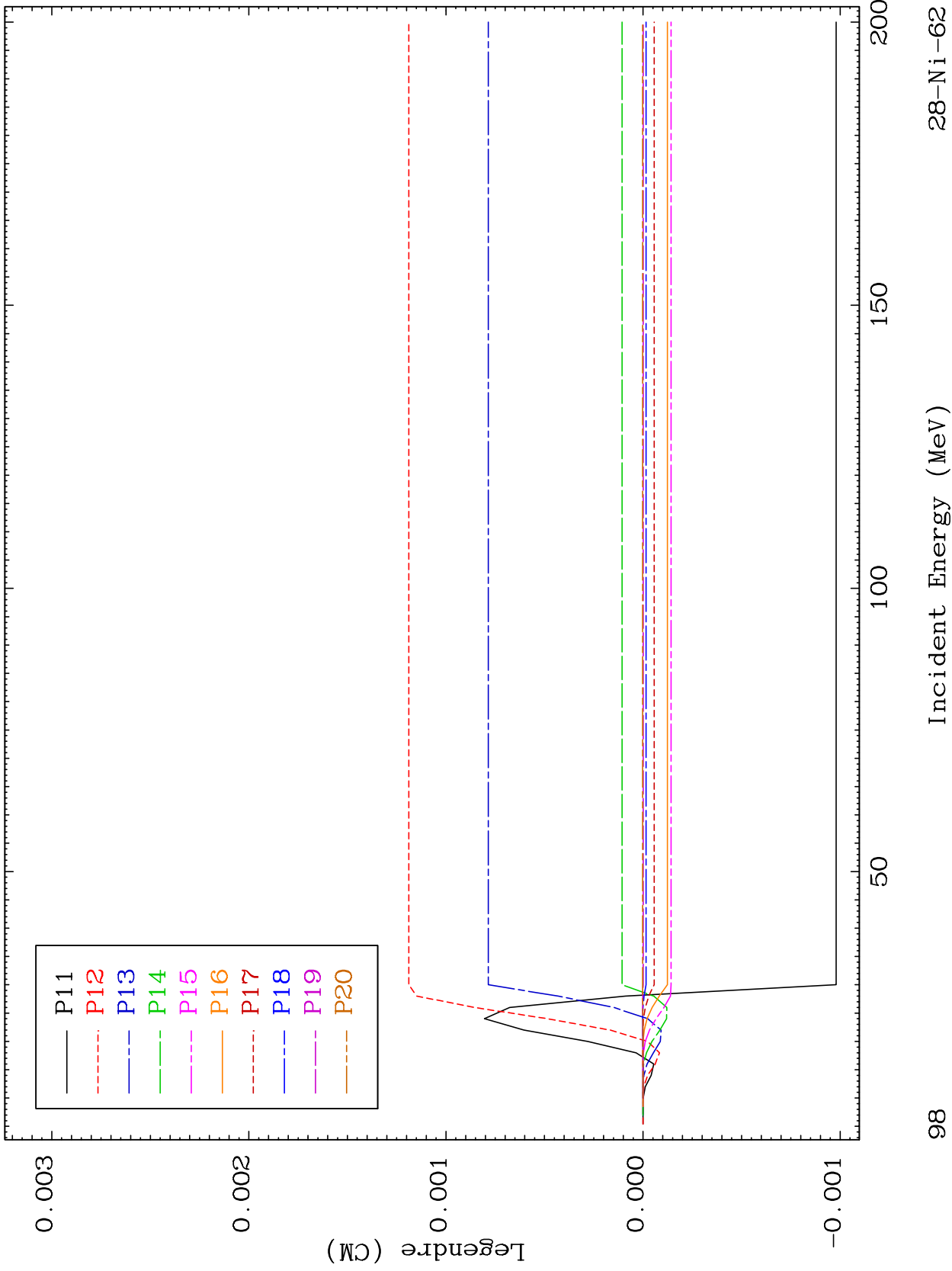
28-Ni-62



97

Incident Energy (MeV)

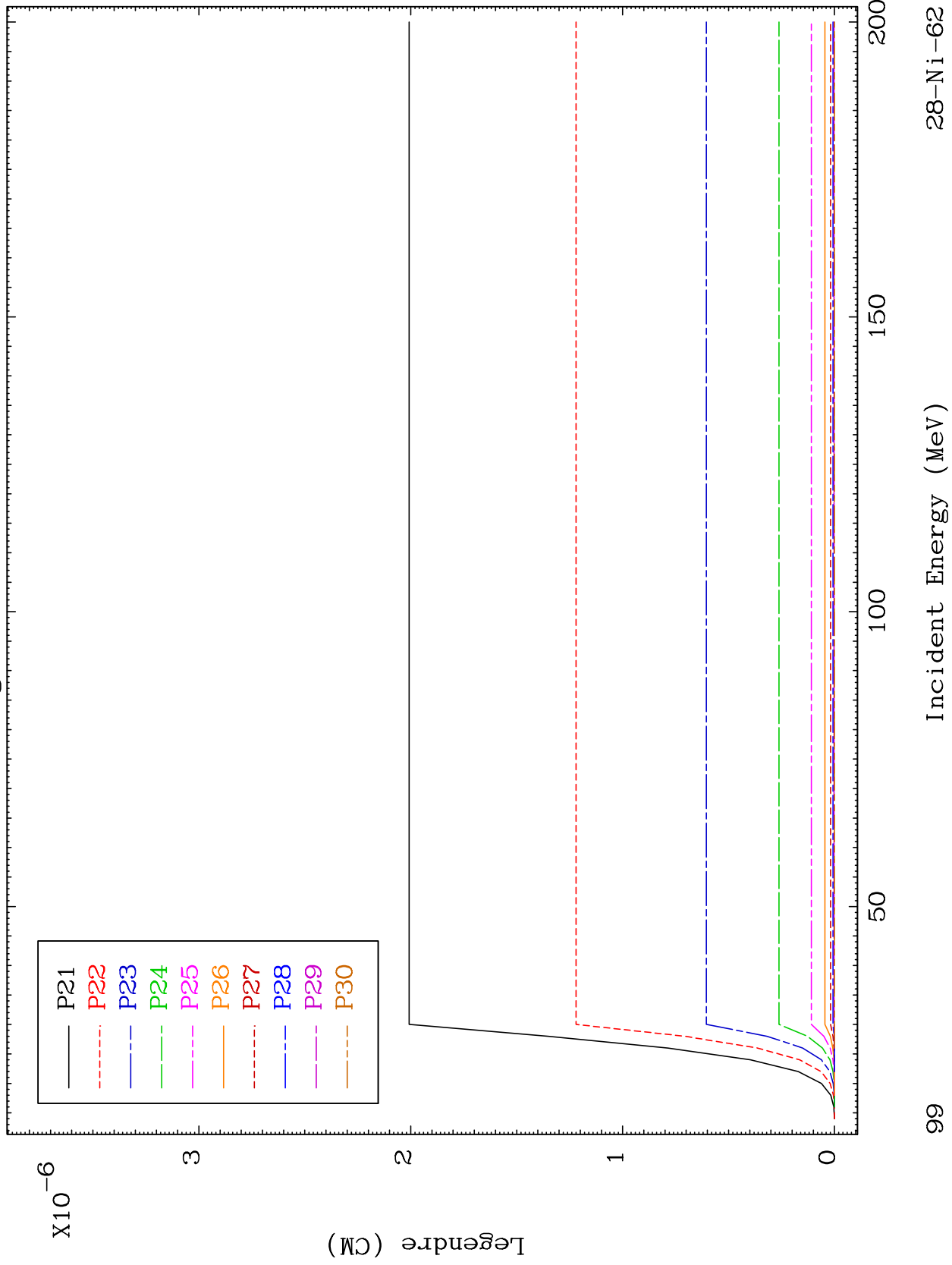
28-Ni-62



MAT 2837

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

28-Ni-62

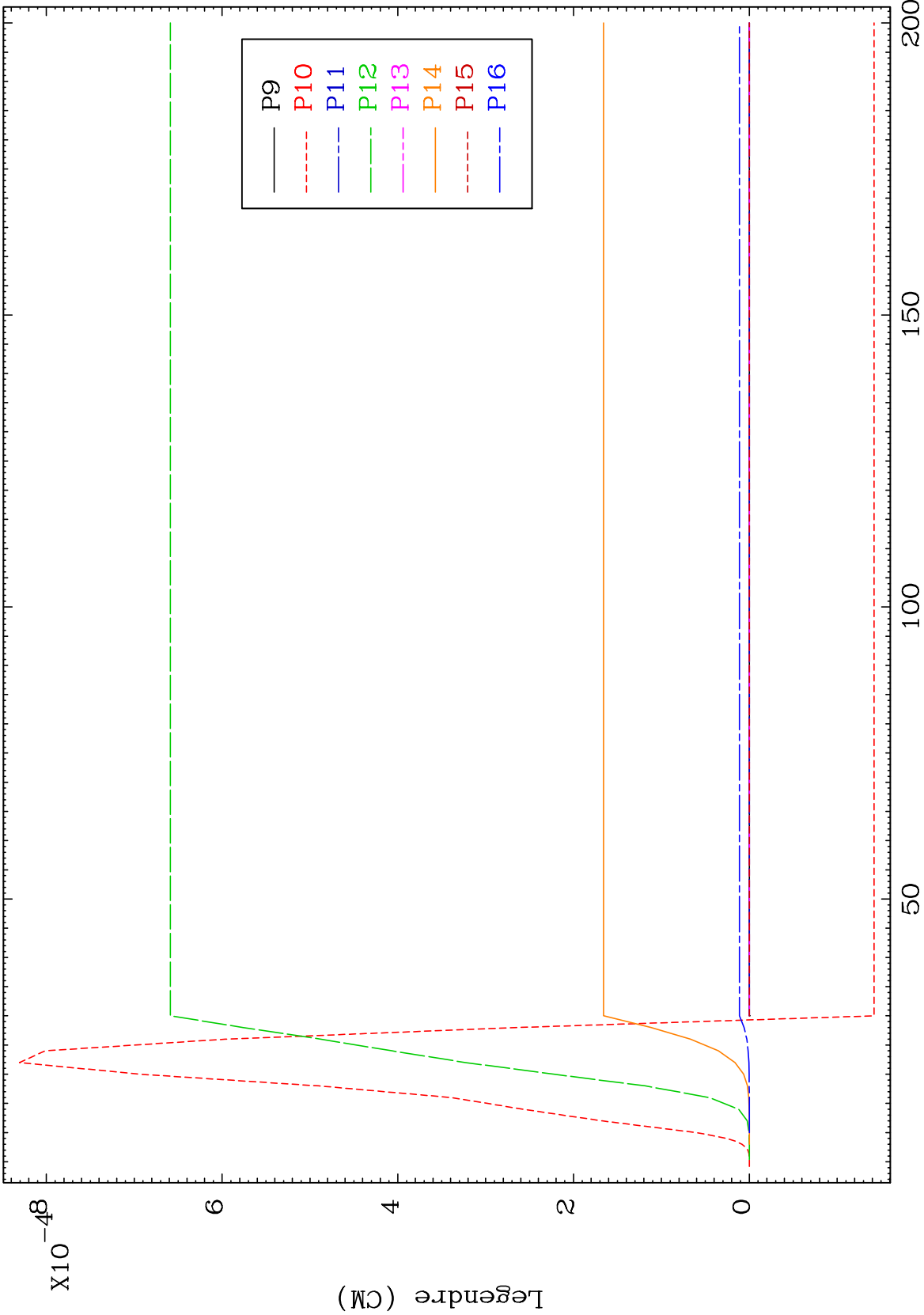


99

MAT 2837

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

28-Ni-62



101

Incident Energy (MeV)

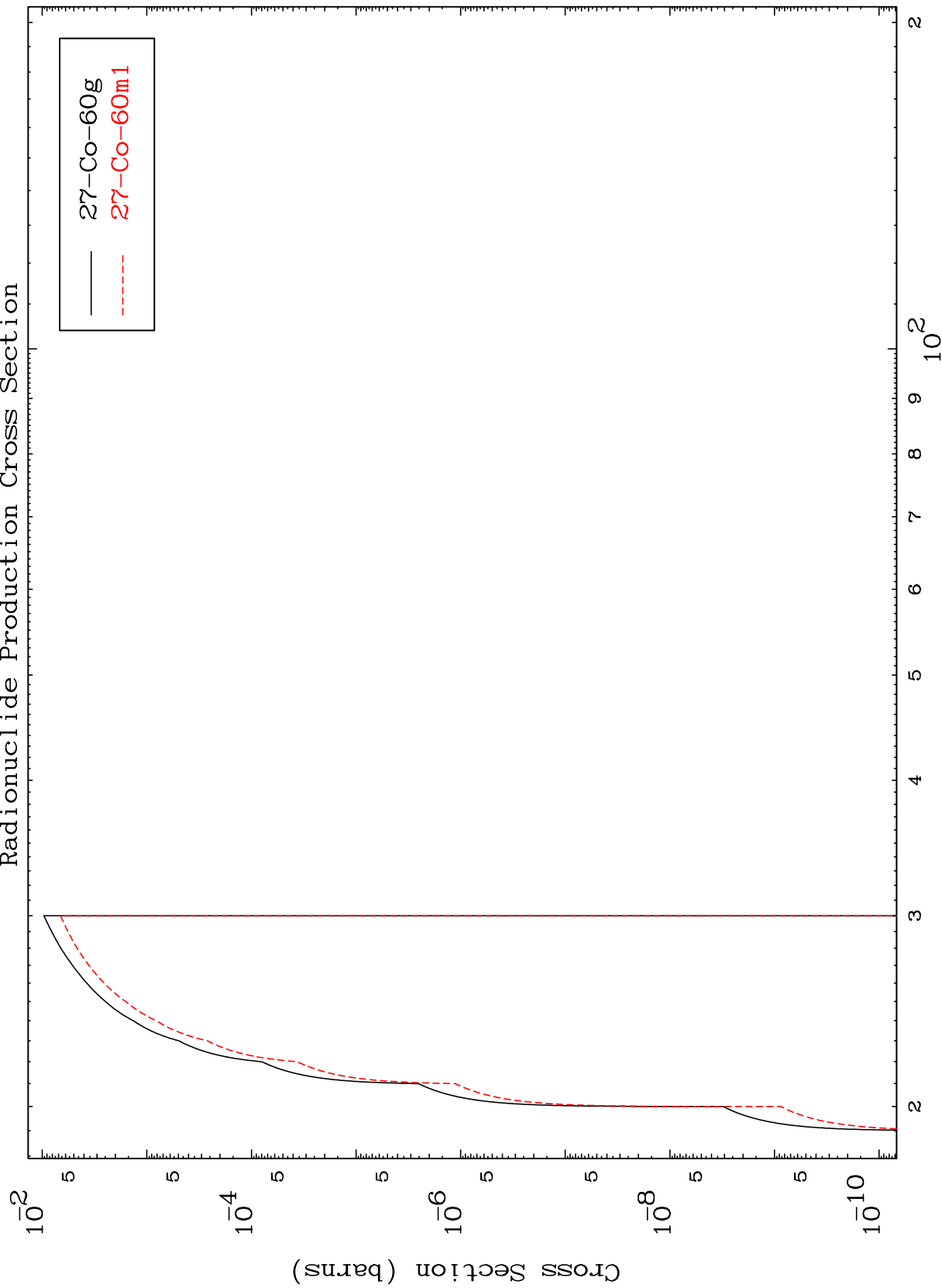
28-Ni-62

MAT 2837

(n,n') d

28-Ni-62

Radionuclide Production Cross Section



103

Incident Energy (MeV)

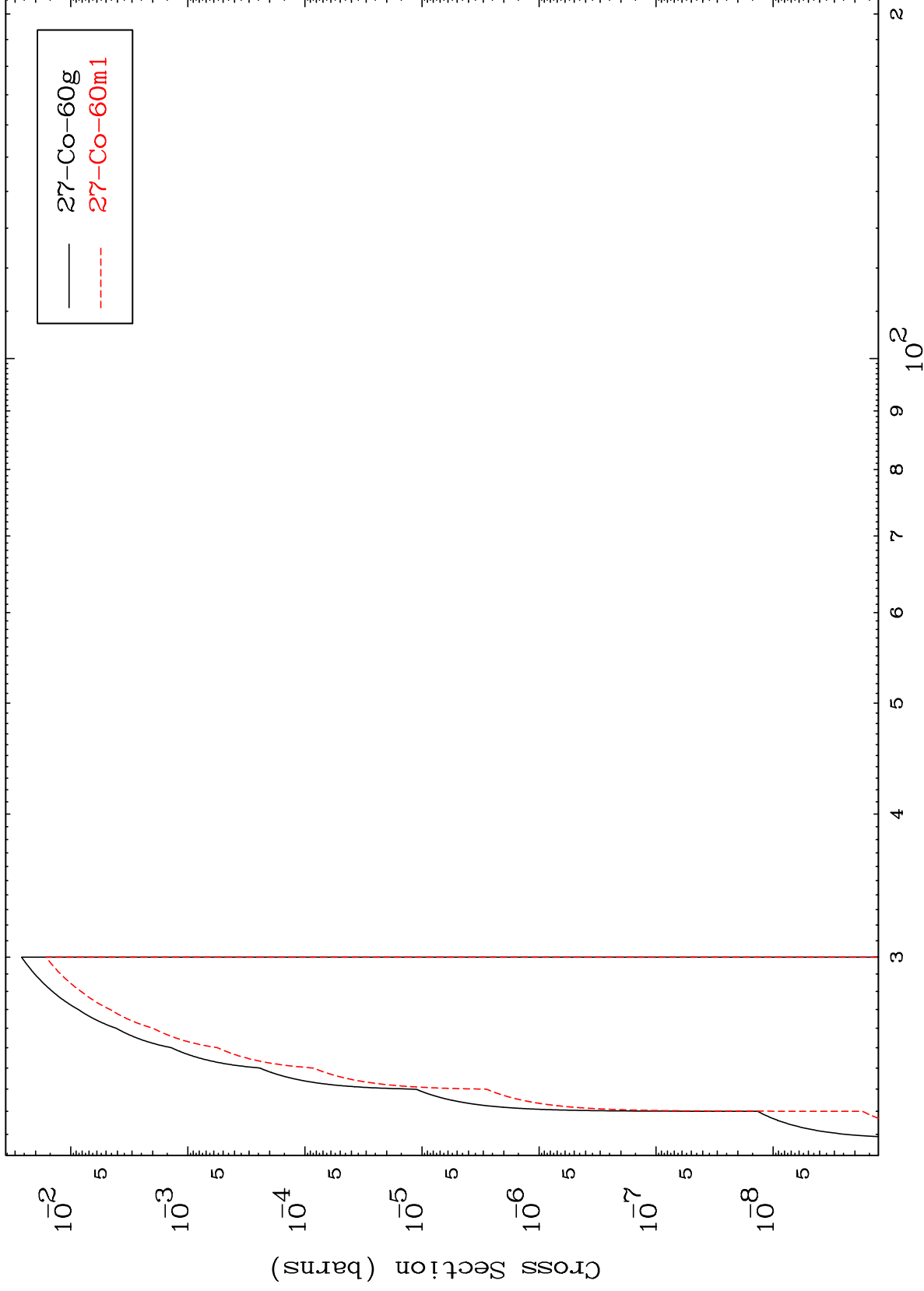
28-Ni-62

MAT 2837

(n,2n) p

28-Ni-62

Radionuclide Production Cross Section



104

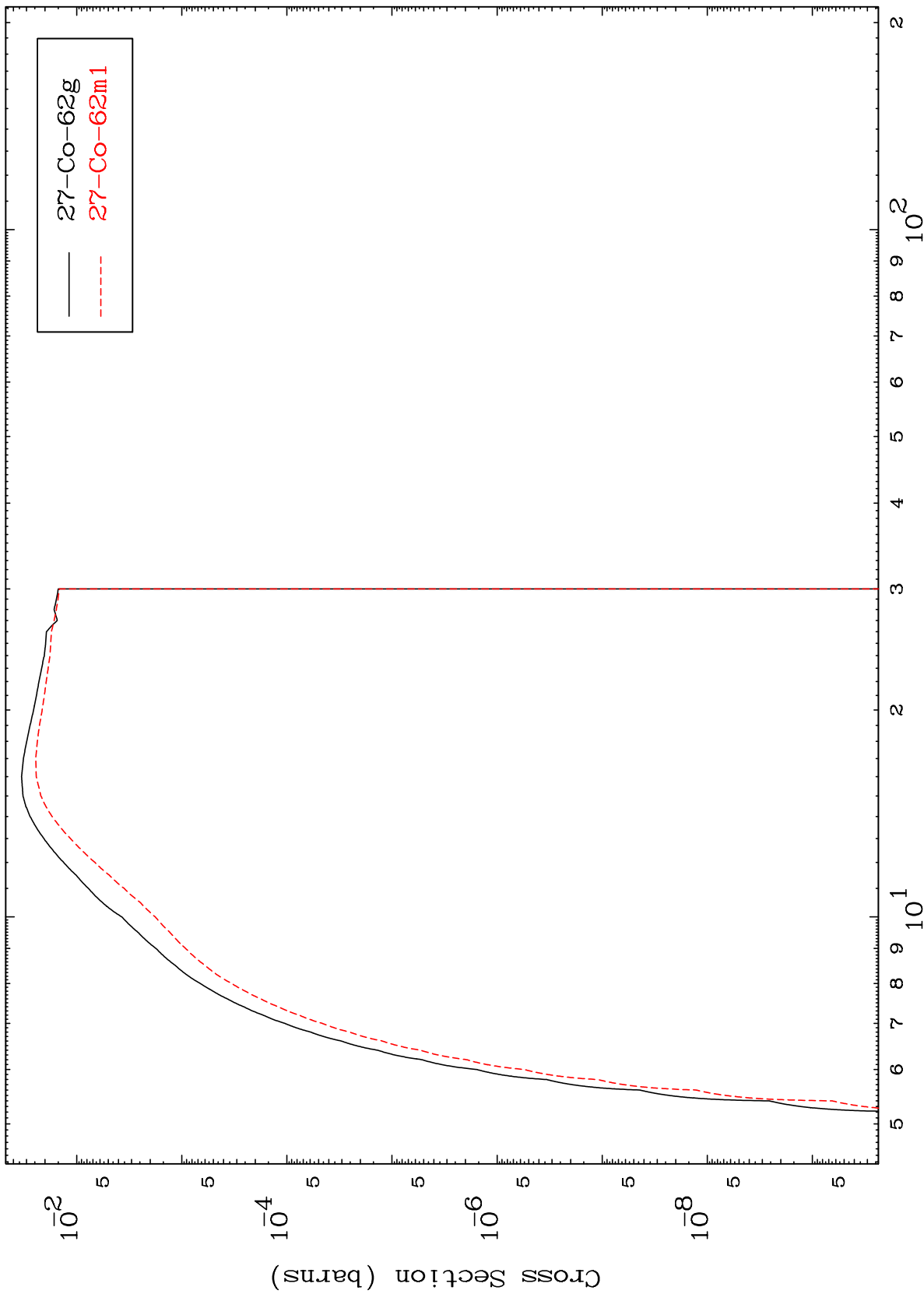
Incident Energy (MeV)

28-Ni-62

MAT 2837

28-Ni-62

(n,p)
Radionuclide Production Cross Section

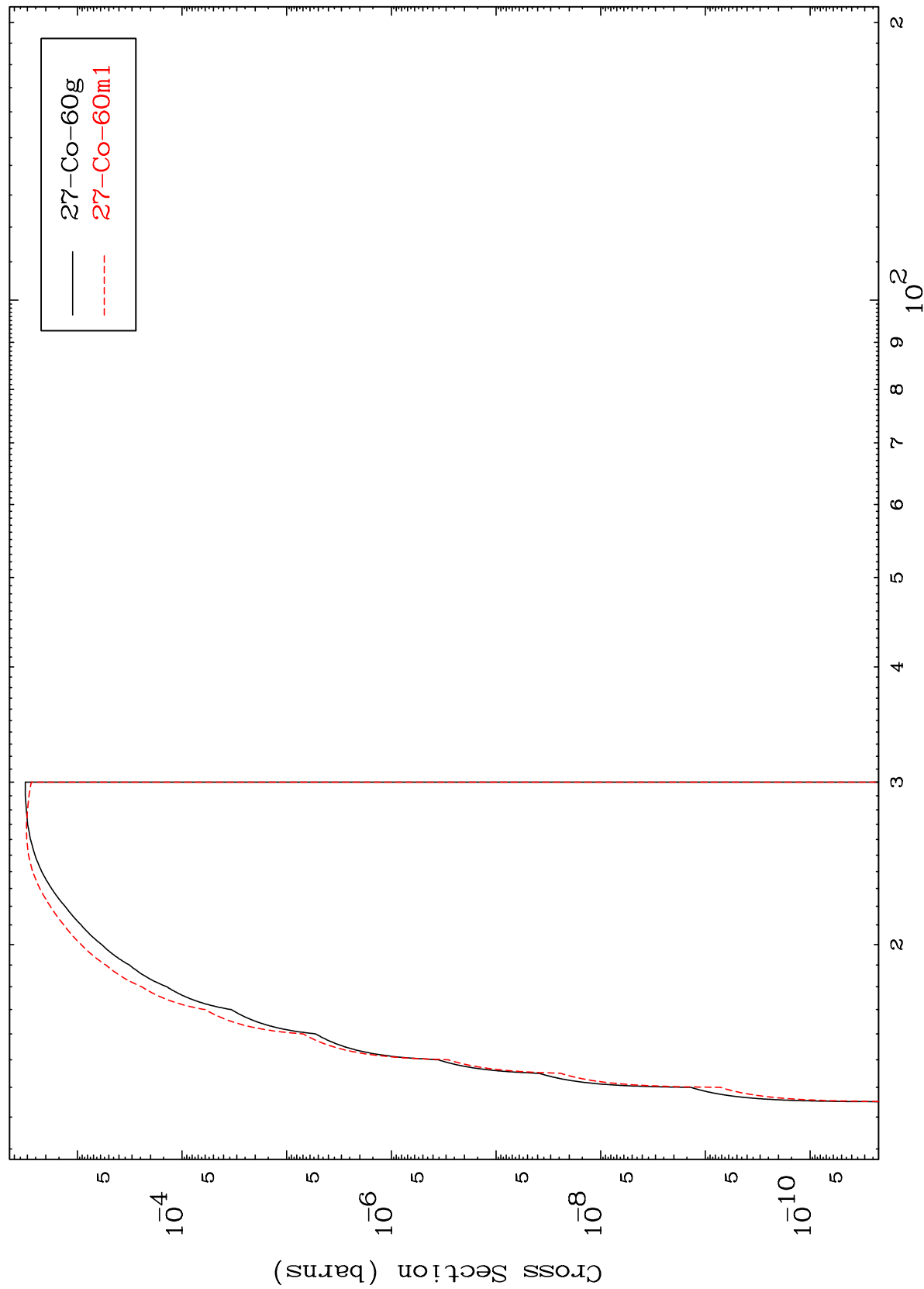


105

Incident Energy (MeV)

28-Ni-62

Radionuclide Production Cross Section

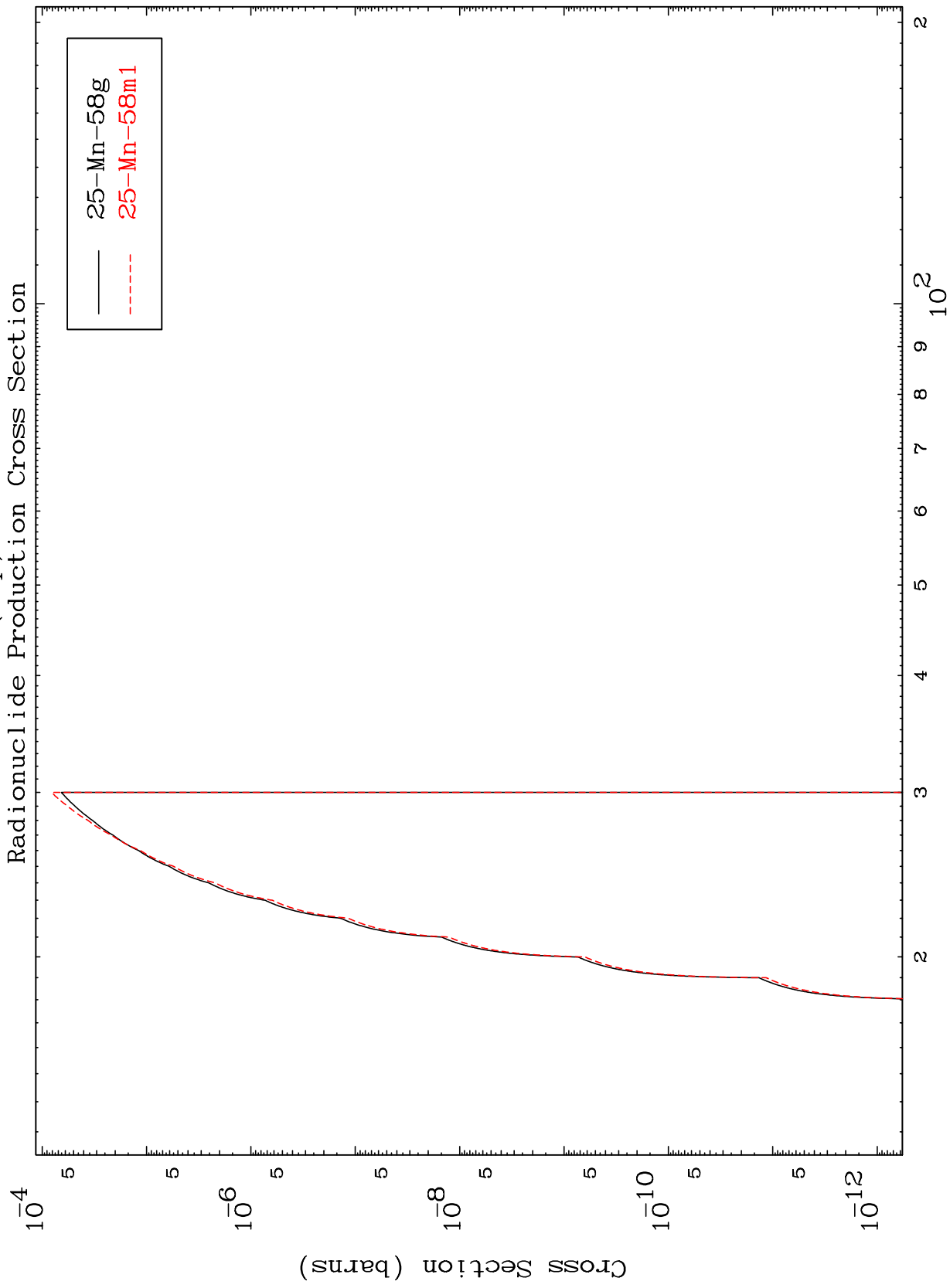


MAT 2837

(n,p) α

28-Ni-62

Radionuclide Production Cross Section



107

Incident Energy (MeV)

28-Ni-62