

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

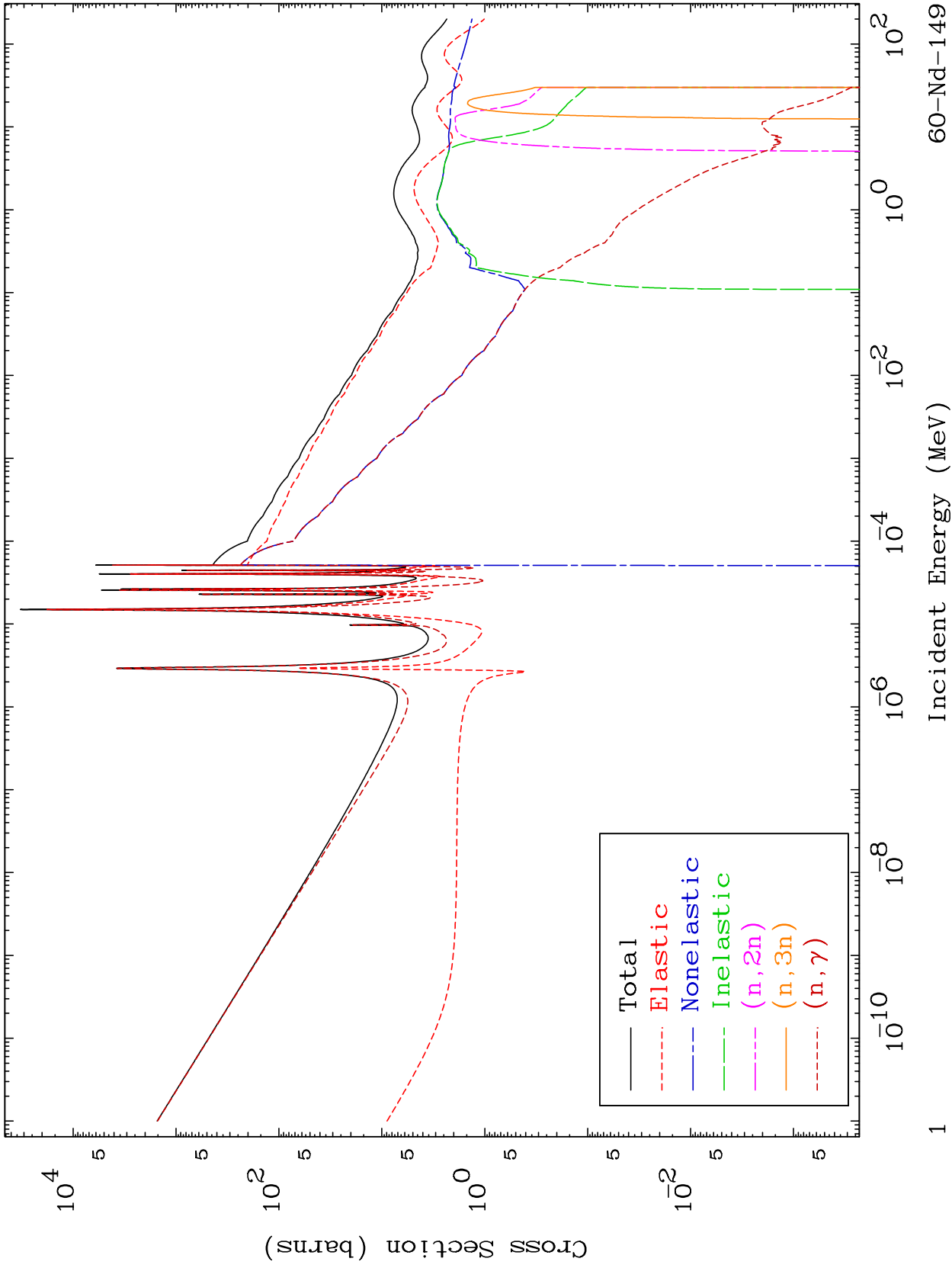
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6046

Neutron Major
293 Kelvin Cross Sections

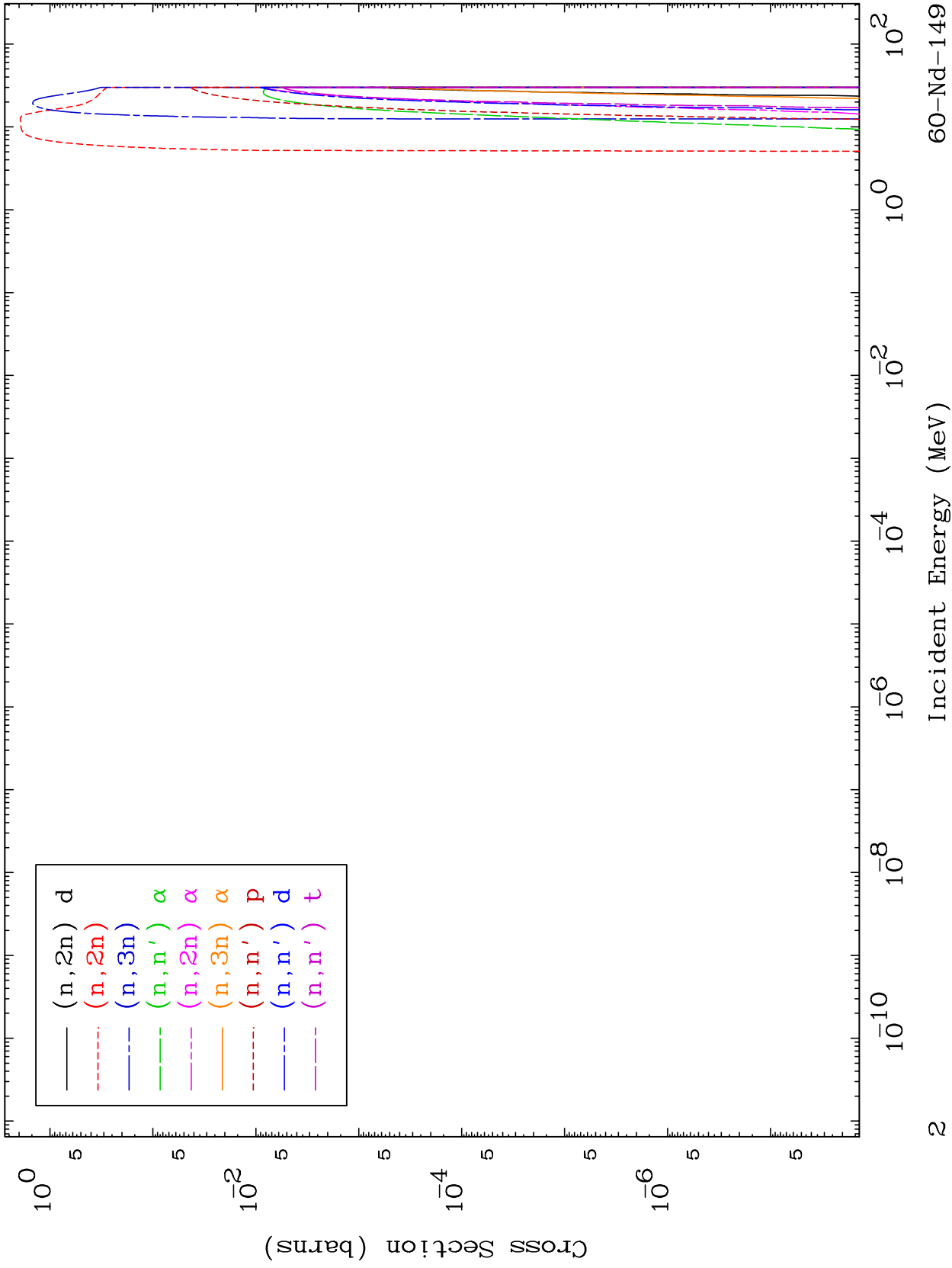
60-Nd-149



MAT 6046

Neutron Absorption
293 Kelvin Cross Sections

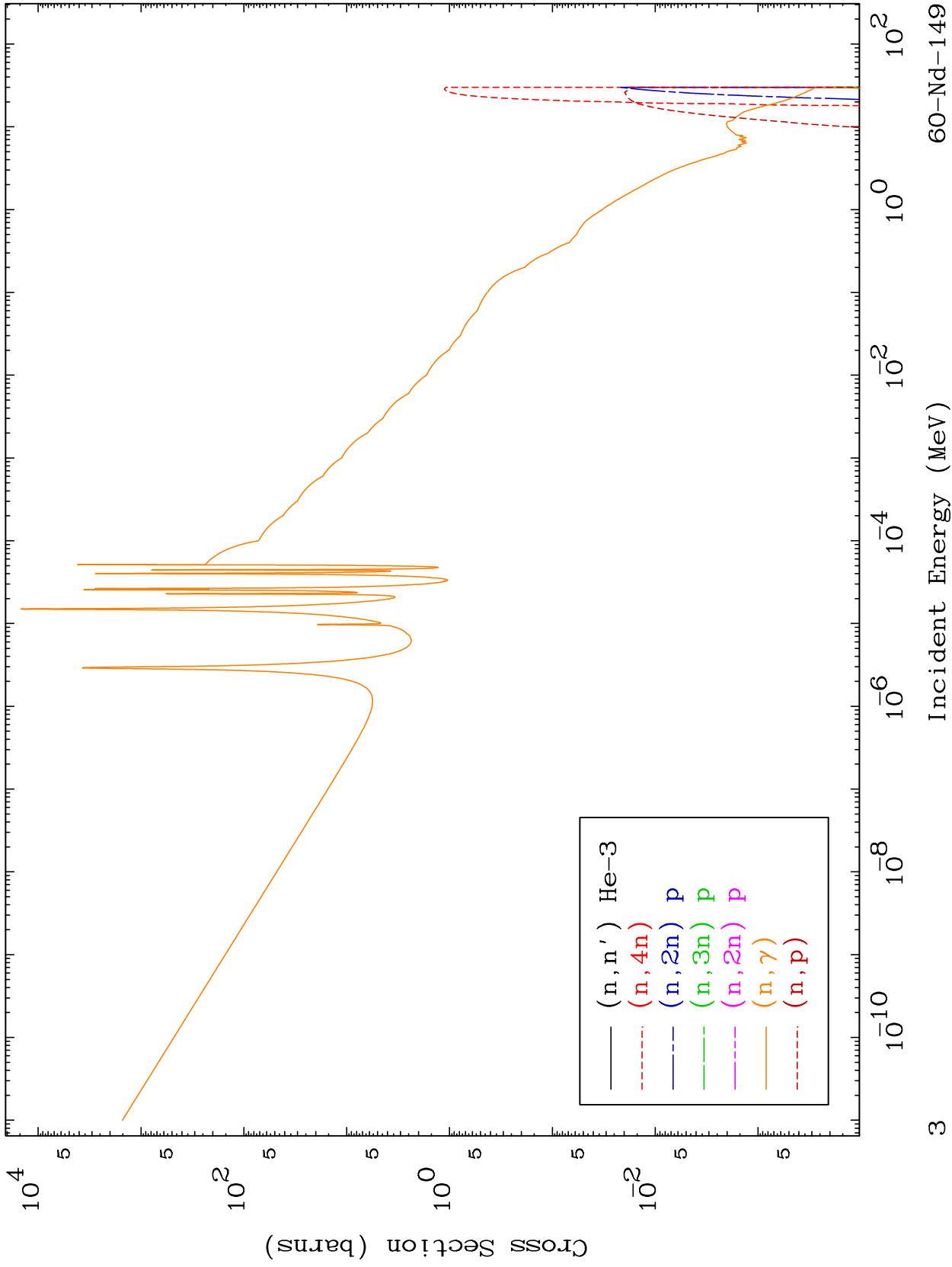
60-Nd-149

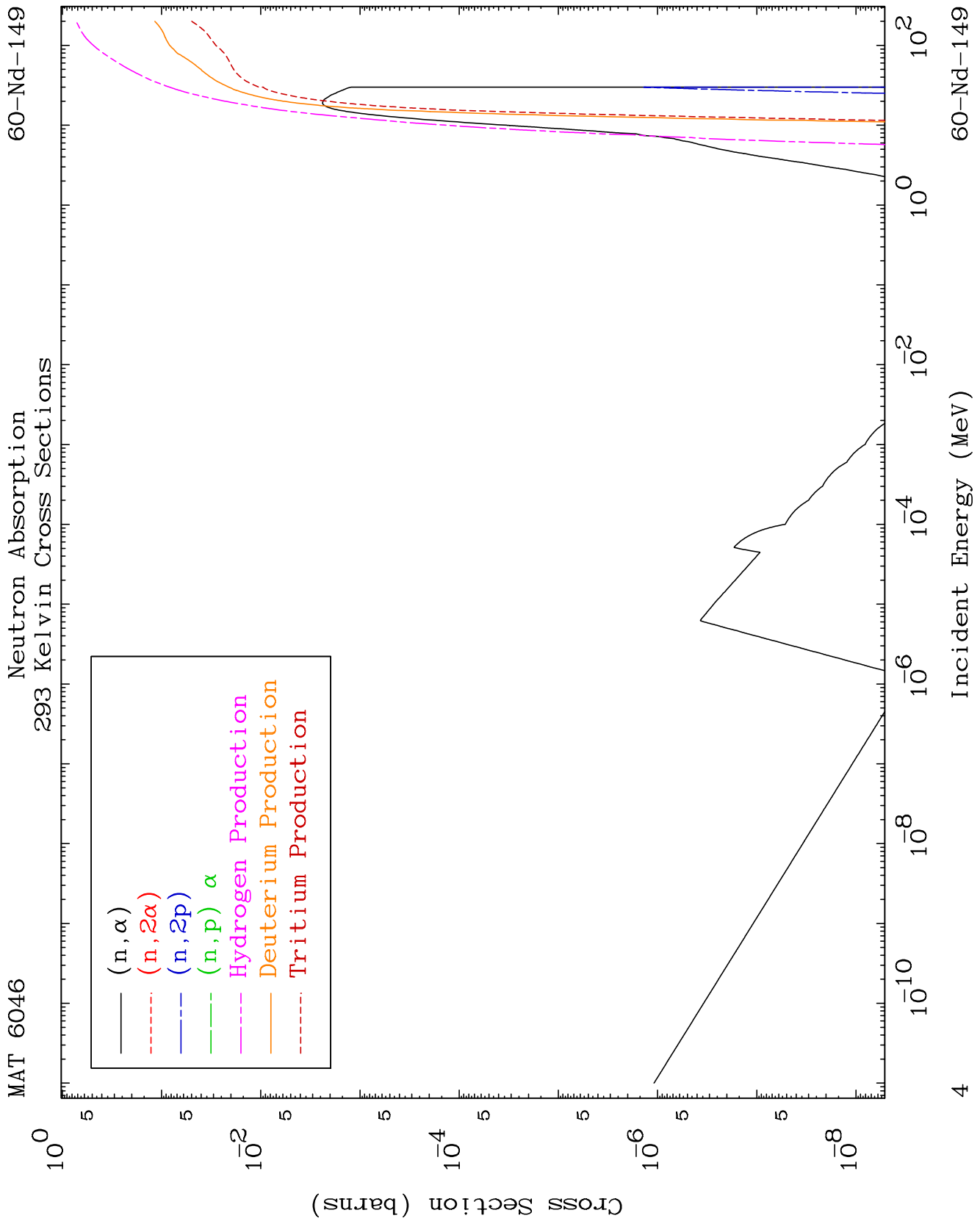


MAT 6046

Neutron Absorption
293 Kelvin Cross Sections

60-Nd-149

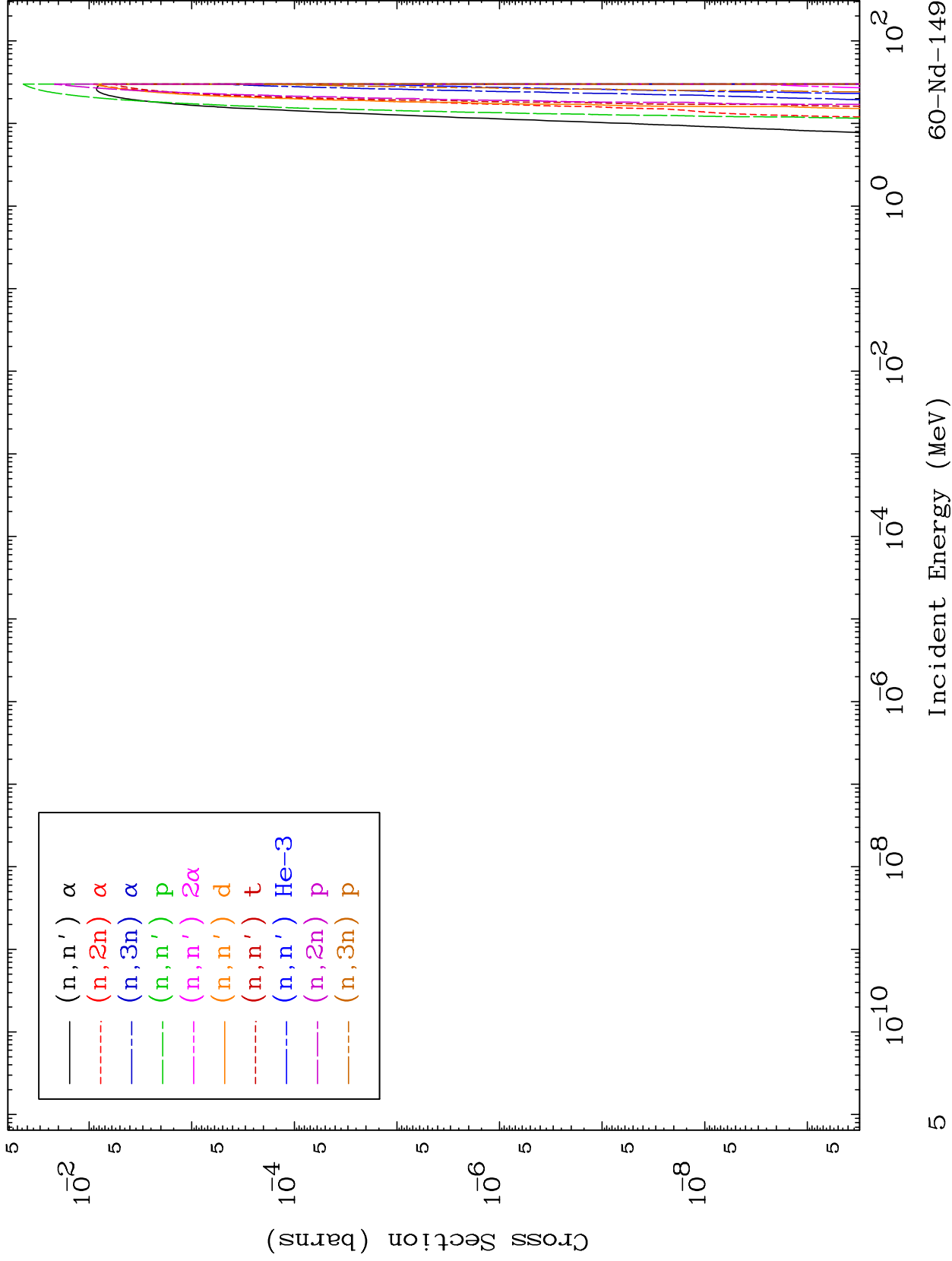




MAT 6046

Charged Particle
293 Kelvin Cross Sections

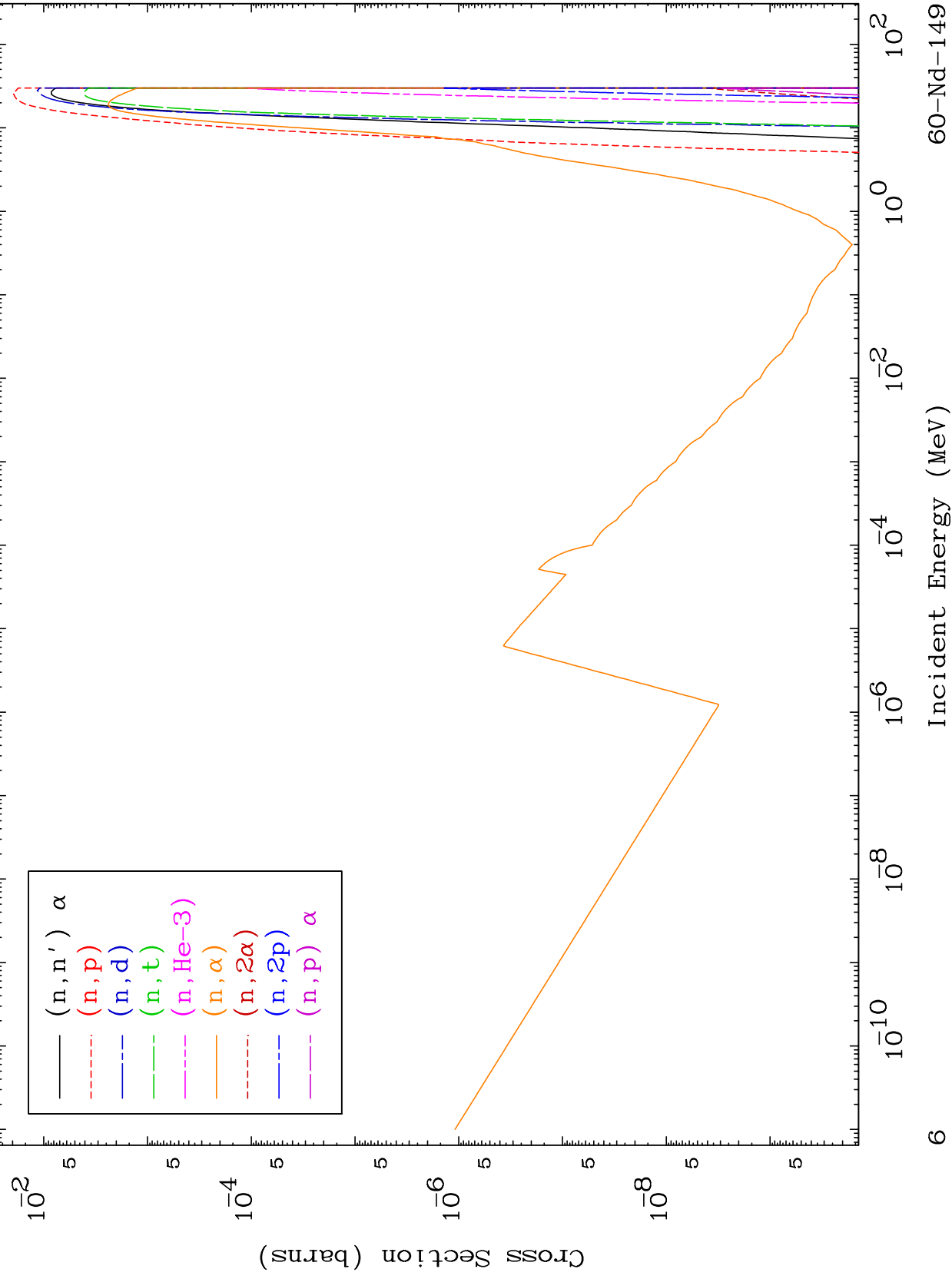
60-Nd-149



MAT 6046

Charged Particle
293 Kelvin Cross Sections

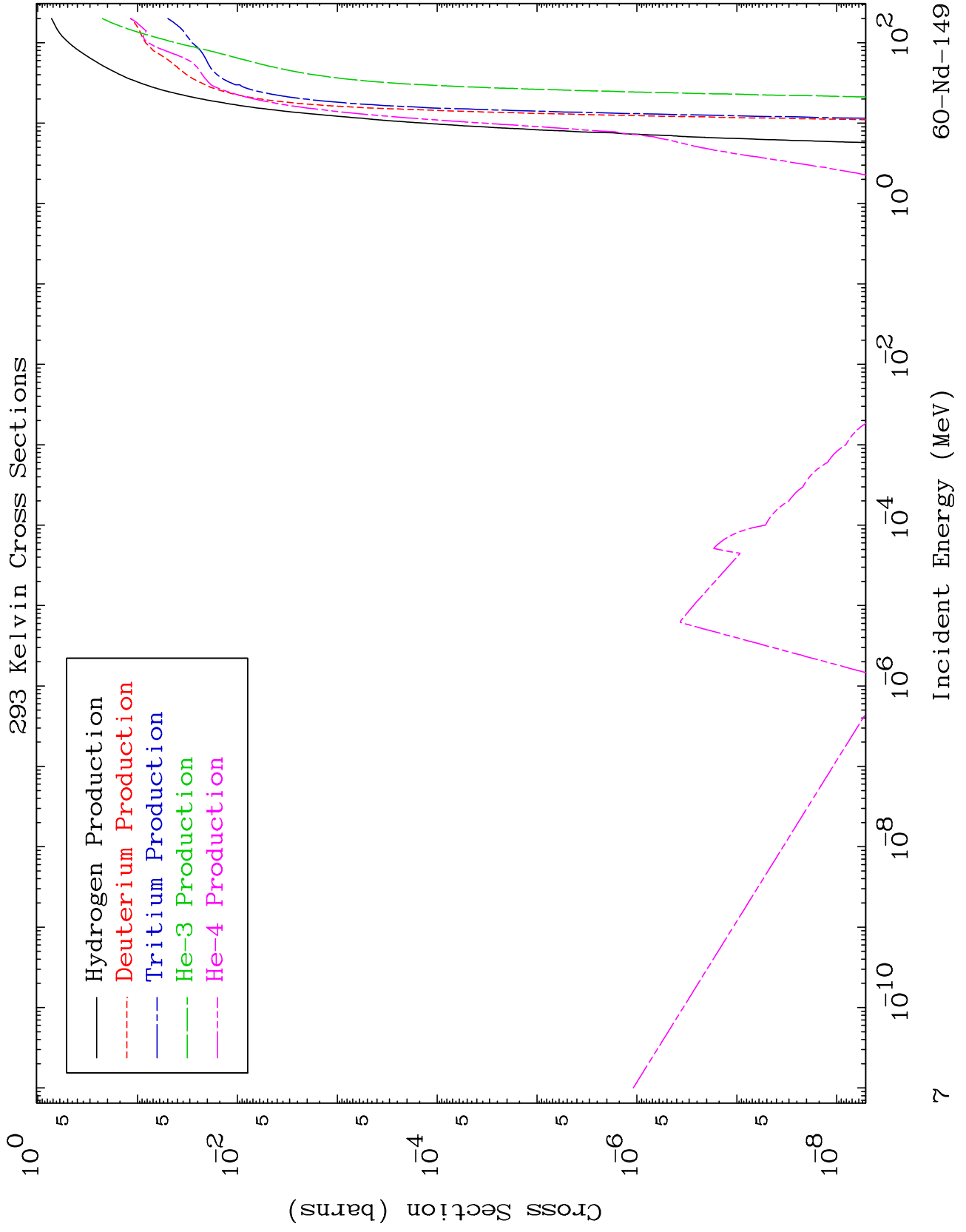
60-Nd-149



MAT 6046

Particle Production
293 Kelvin Cross Sections

60-Nd-149

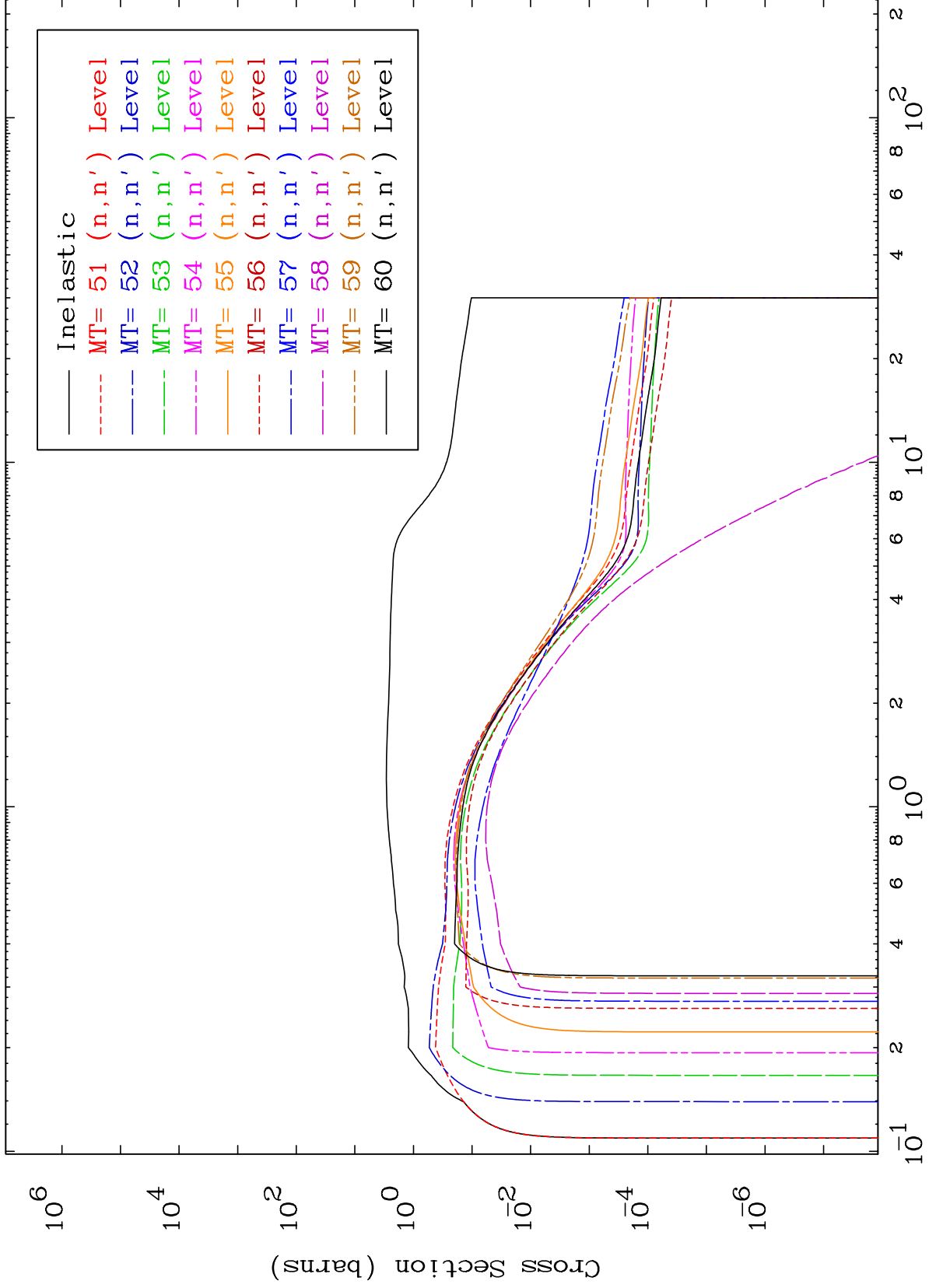


MAT 6046

(n,n') Levels

60-Nd-149

293 Kelvin Cross Sections



Incident Energy (MeV)

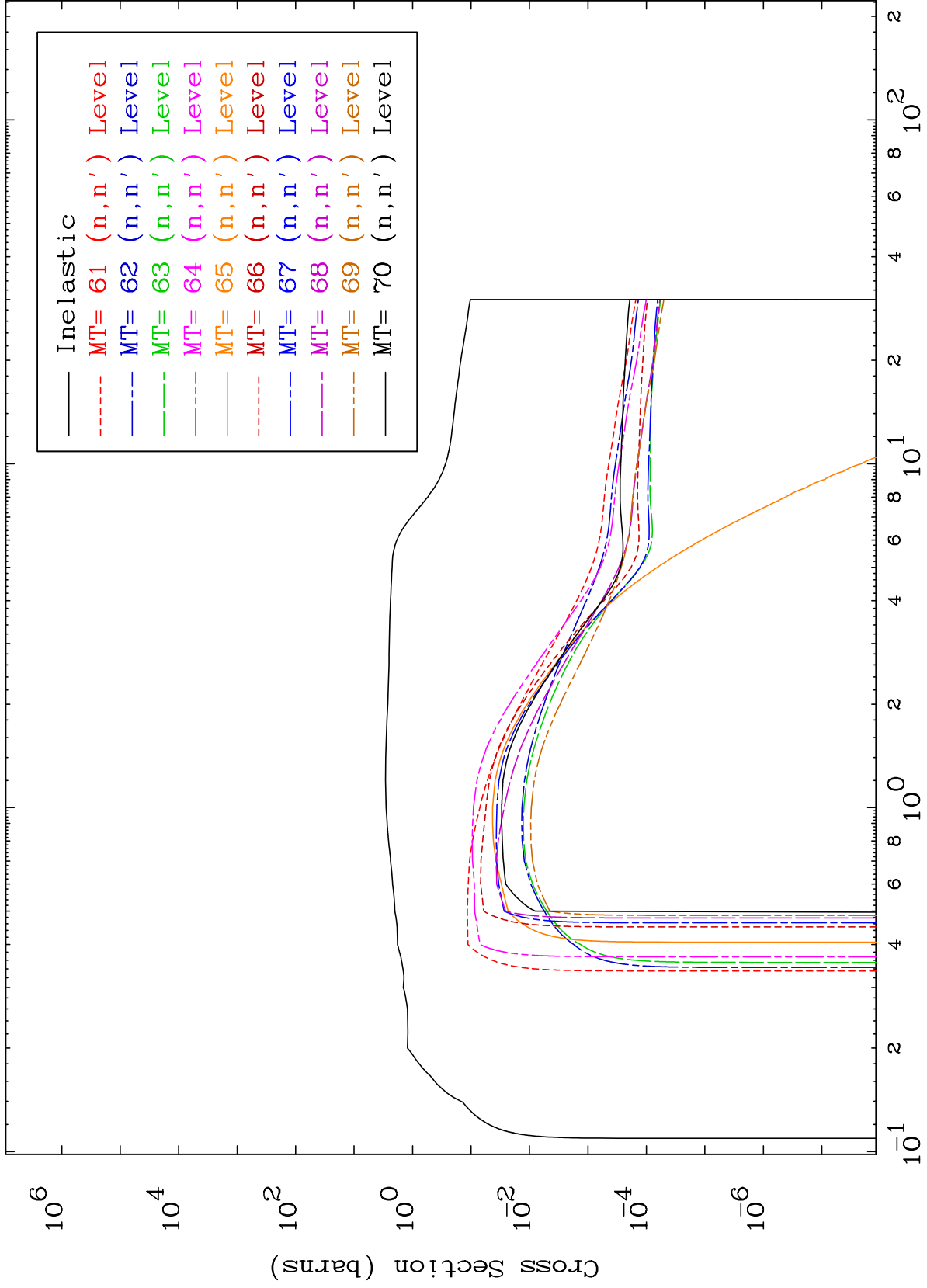
60-Nd-149

MAT 6046

(n,n') Levels

60-Nd-149

293 Kelvin Cross Sections



Incident Energy (MeV)

9

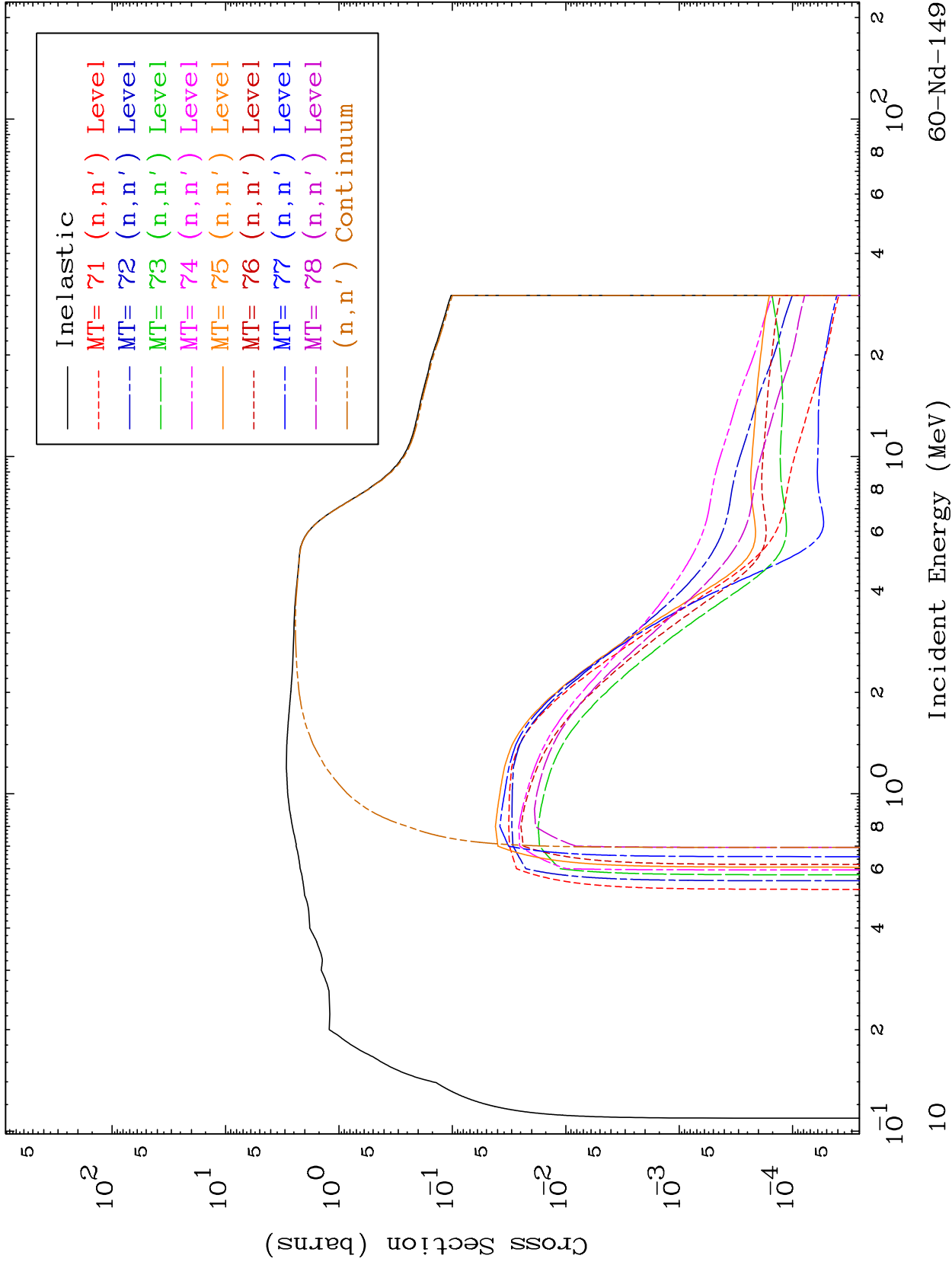
60-Nd-149

MAT 6046

(n,n') Levels

60-Nd-149

293 Kelvin Cross Sections



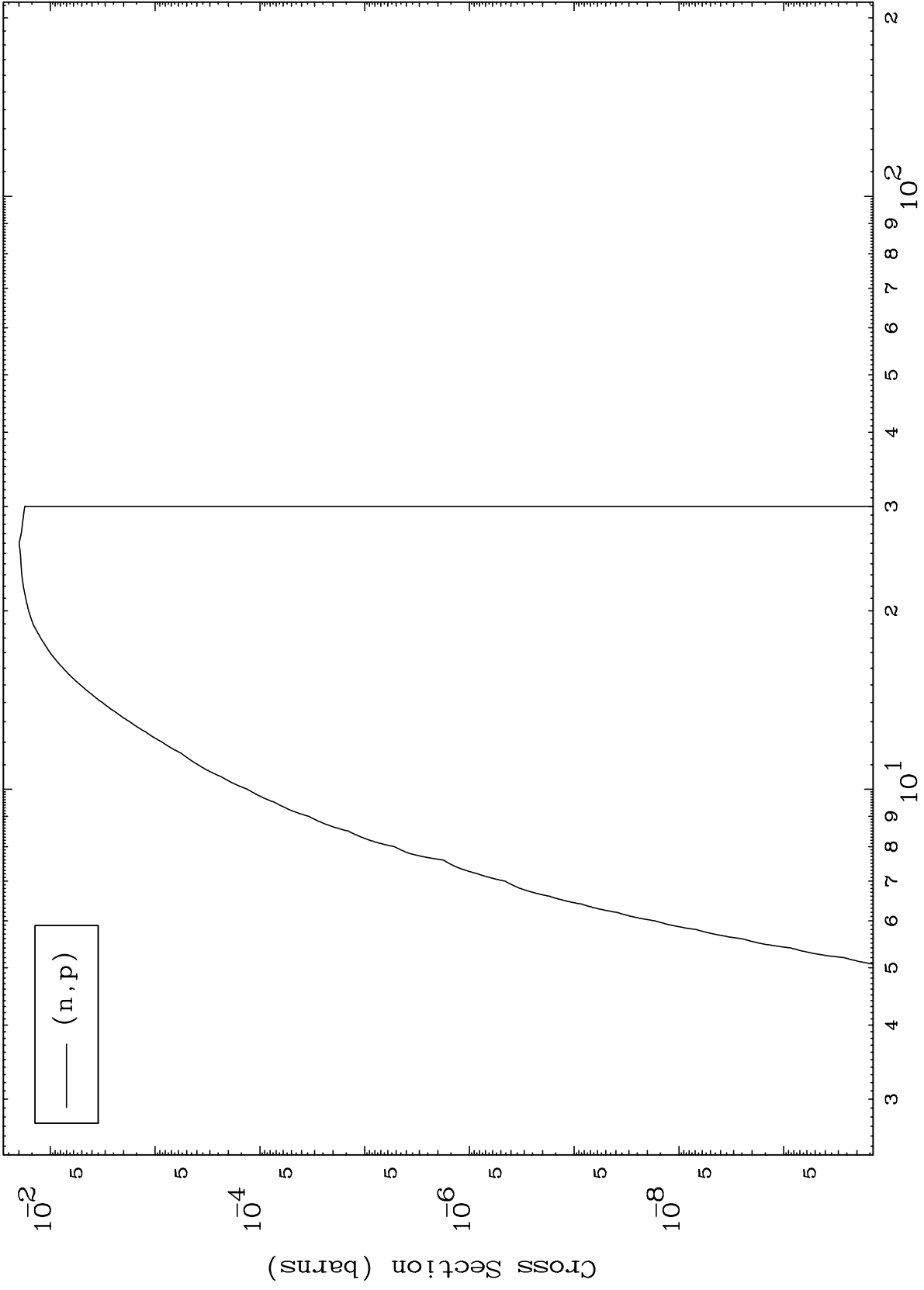
Incident Energy (MeV)

60-Nd-149

MAT 6046

(n,p) Levels
293 Kelvin Cross Sections

60-Nd-149

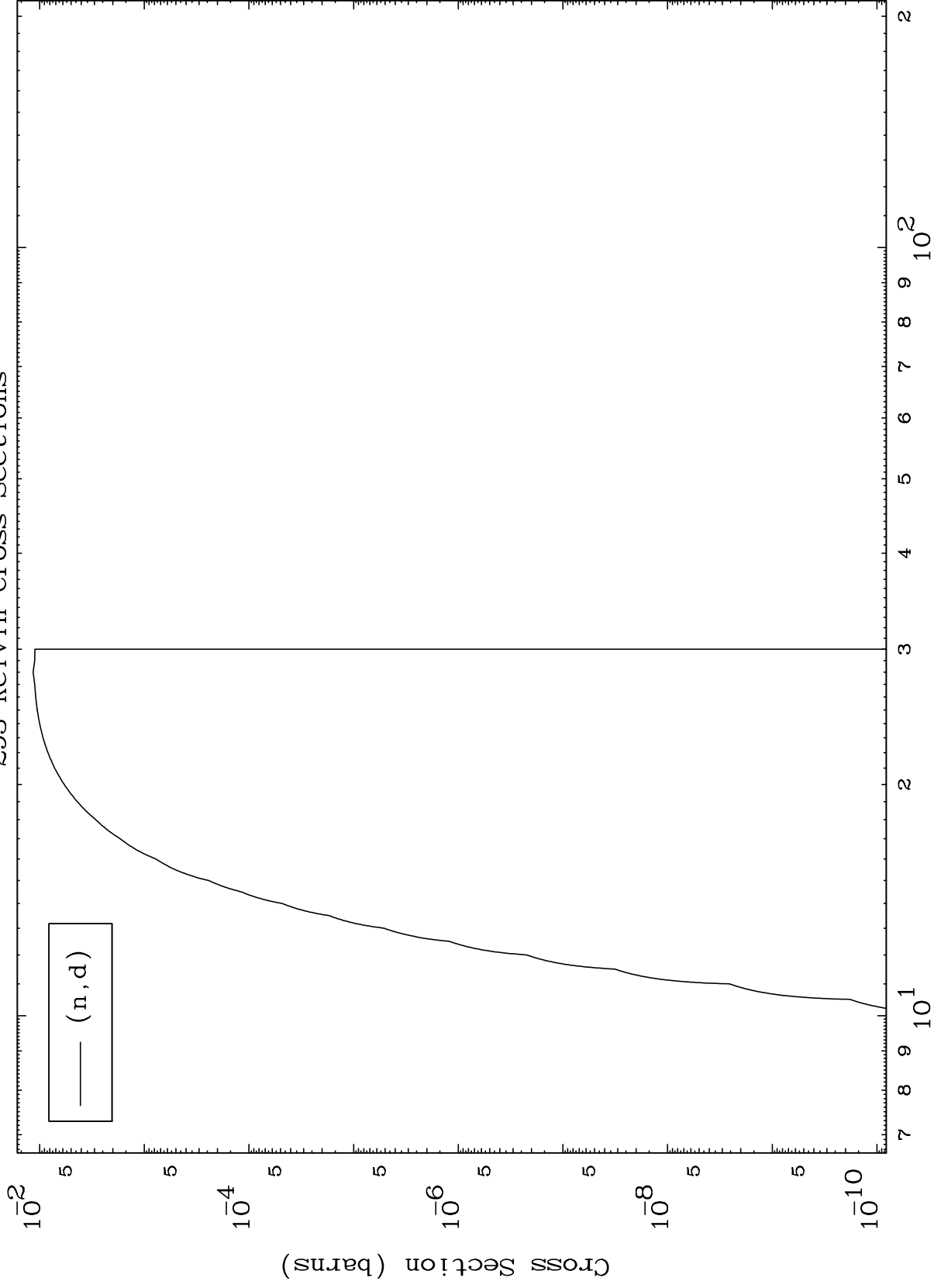


(n,p)

MAT 6046

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-149



12

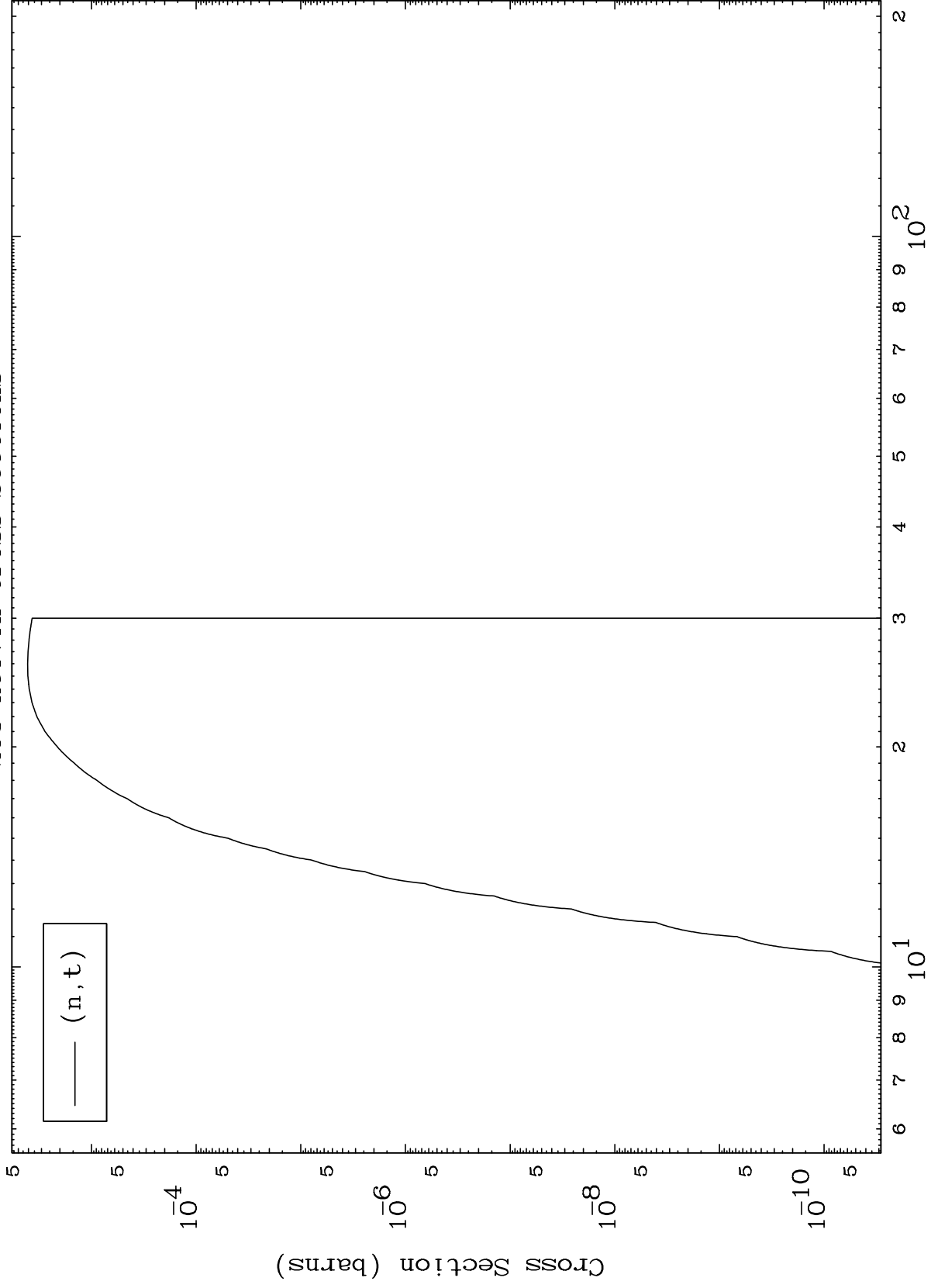
Incident Energy (MeV)

60-Nd-149

MAT 6046

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-149



13

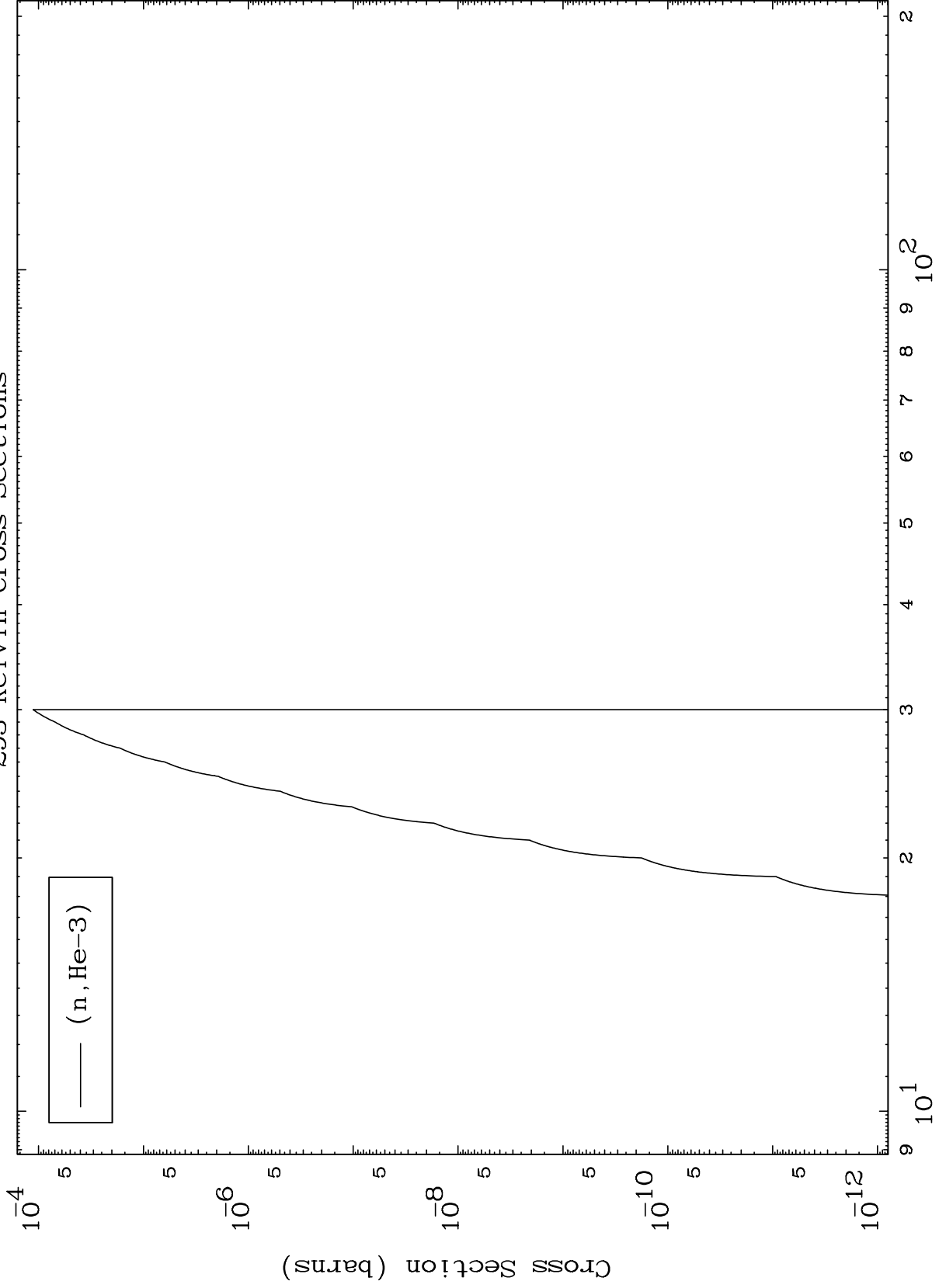
Incident Energy (MeV)

60-Nd-149

MAT 6046

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-149



14

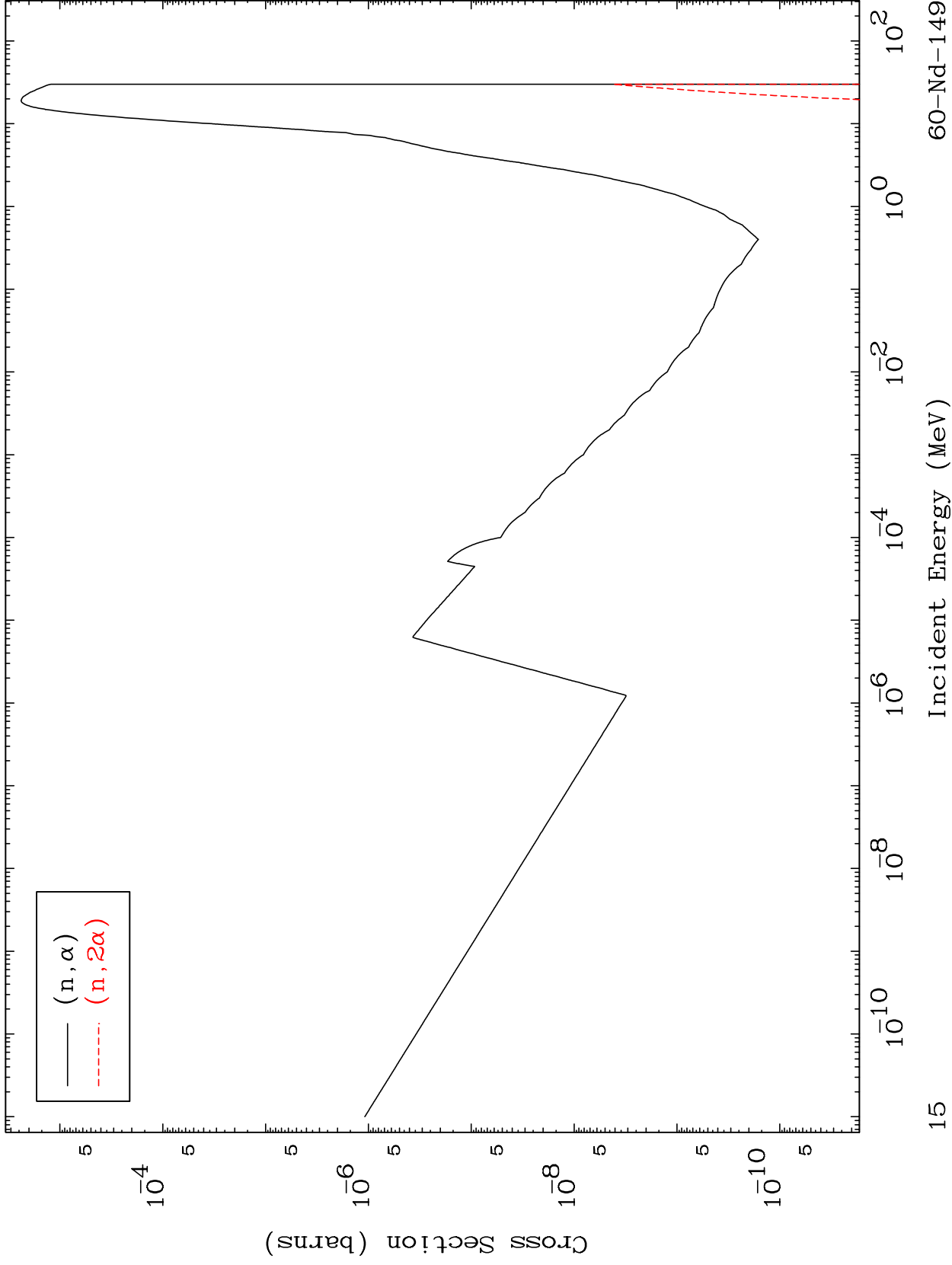
Incident Energy (MeV)

60-Nd-149

MAT 6046

(n, α) Levels
293 Kelvin Cross Sections

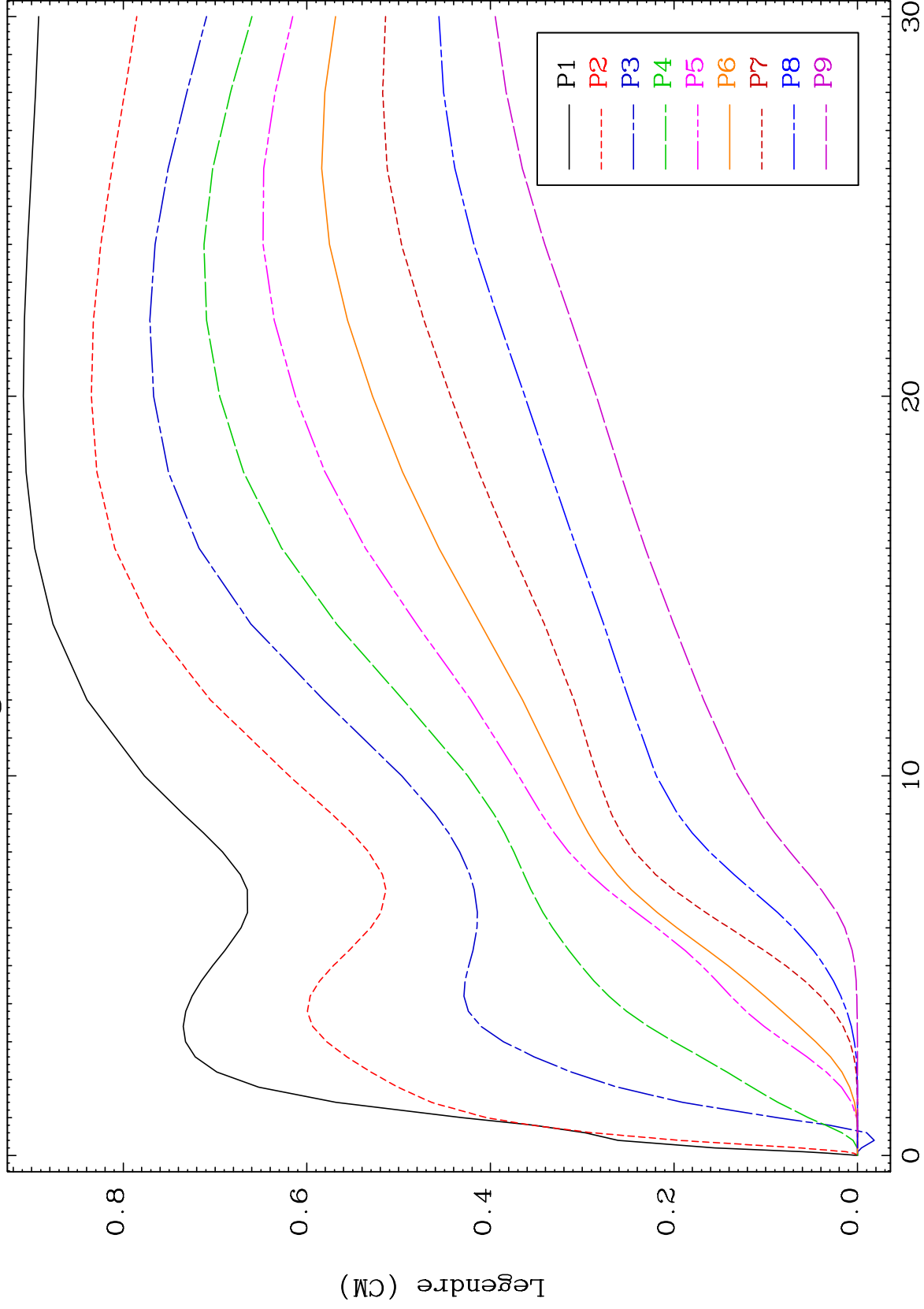
60-Nd-149



MAT 6046

Elastic Legendre Coefficients

60-Nd-149



16

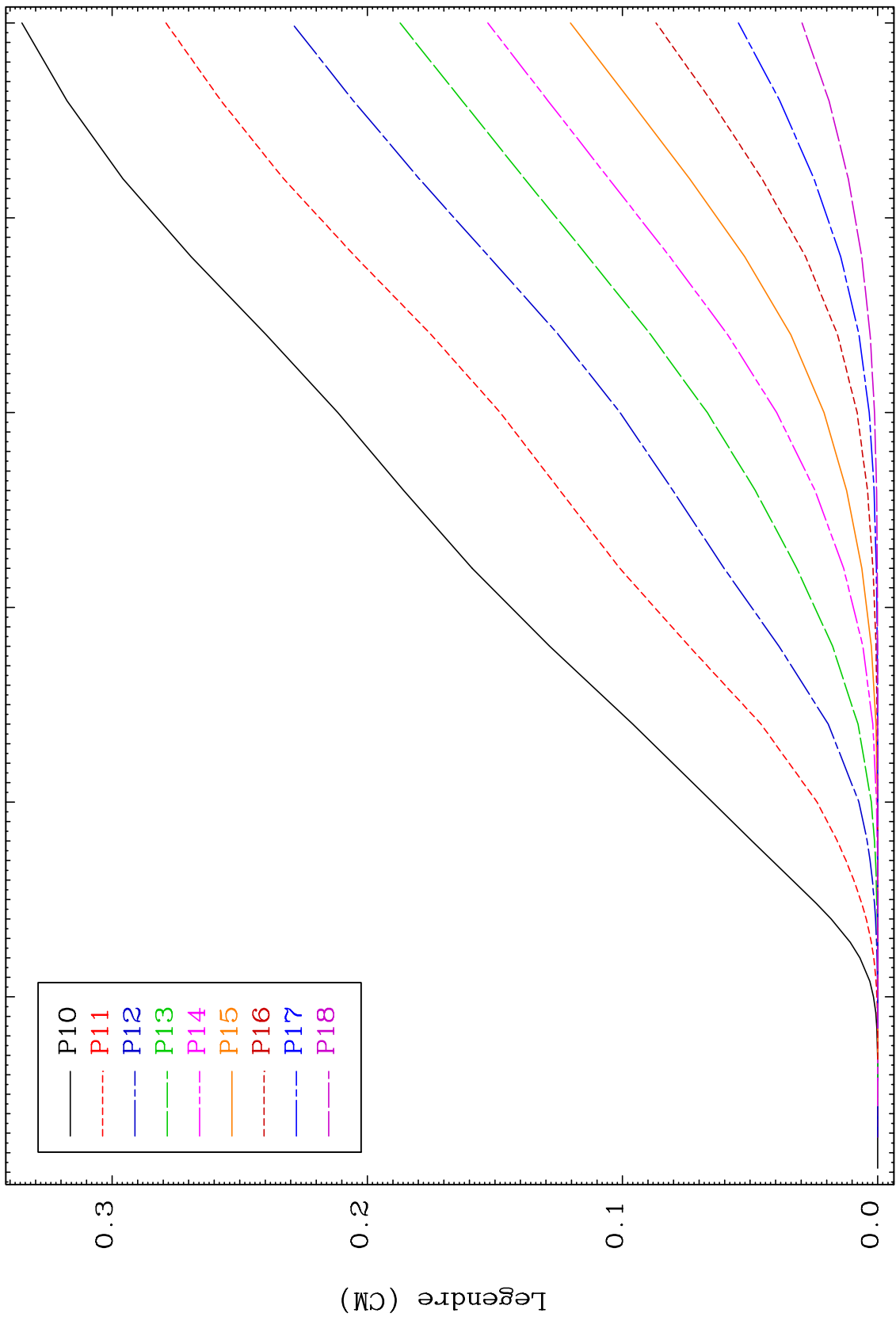
Incident Energy (MeV)

60-Nd-149

MAT 6046

Elastic Legendre Coefficients

60-Nd-149



17

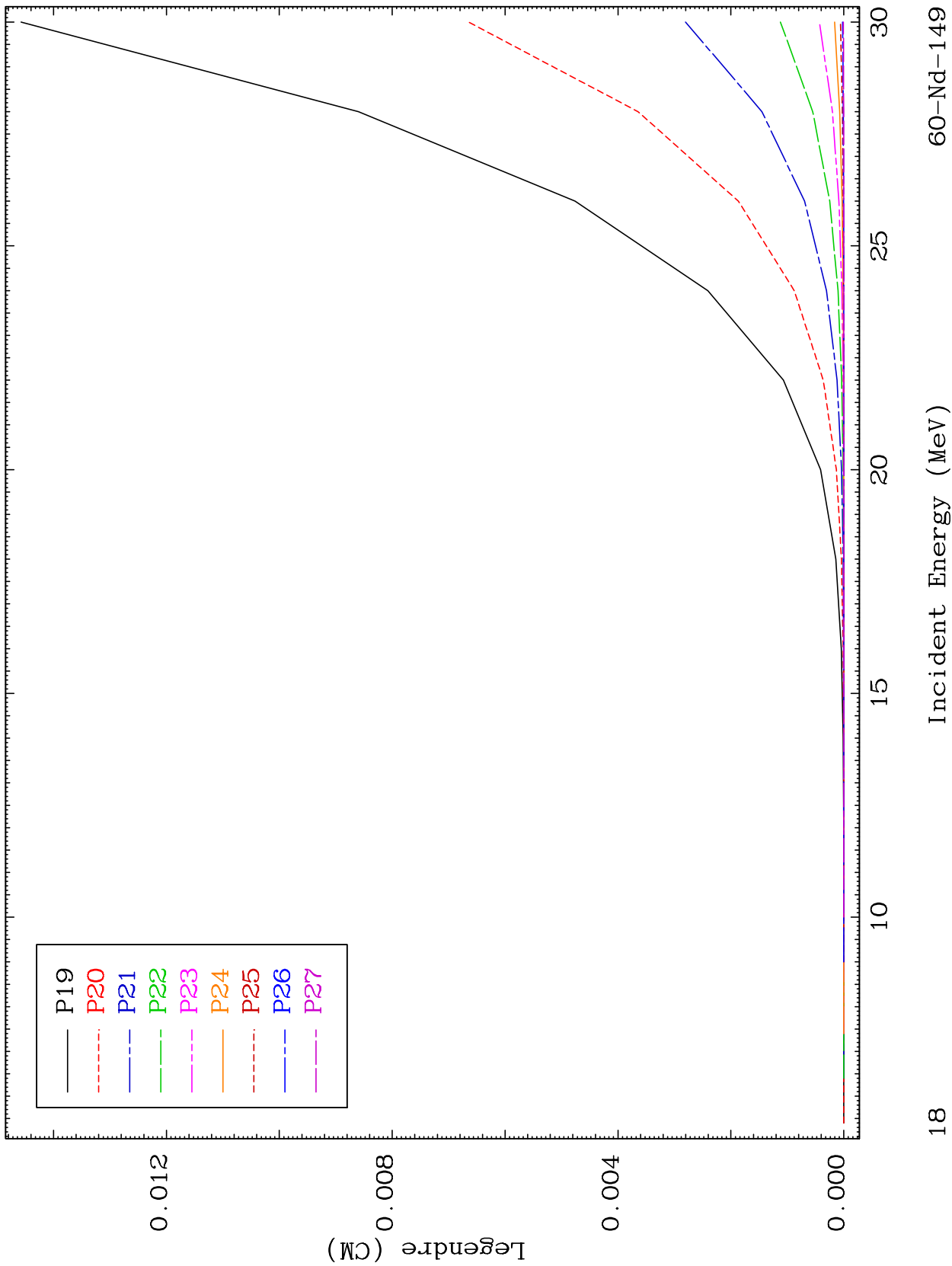
Incident Energy (MeV)

60-Nd-149

MAT 6046

Elastic Legendre Coefficients

60-Nd-149



18

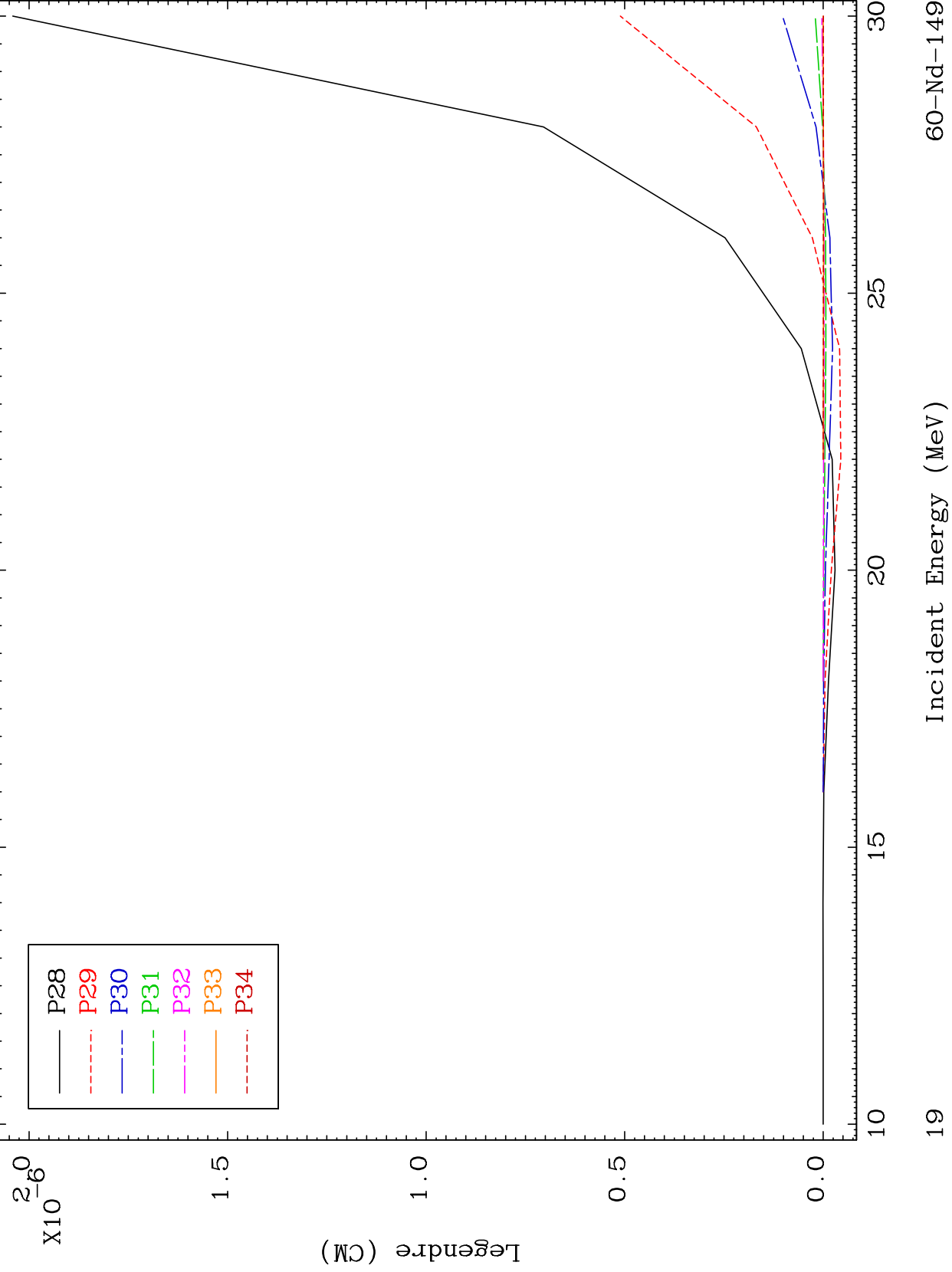
Incident Energy (MeV)

60-Nd-149

MAT 6046

Elastic
Legendre Coefficients

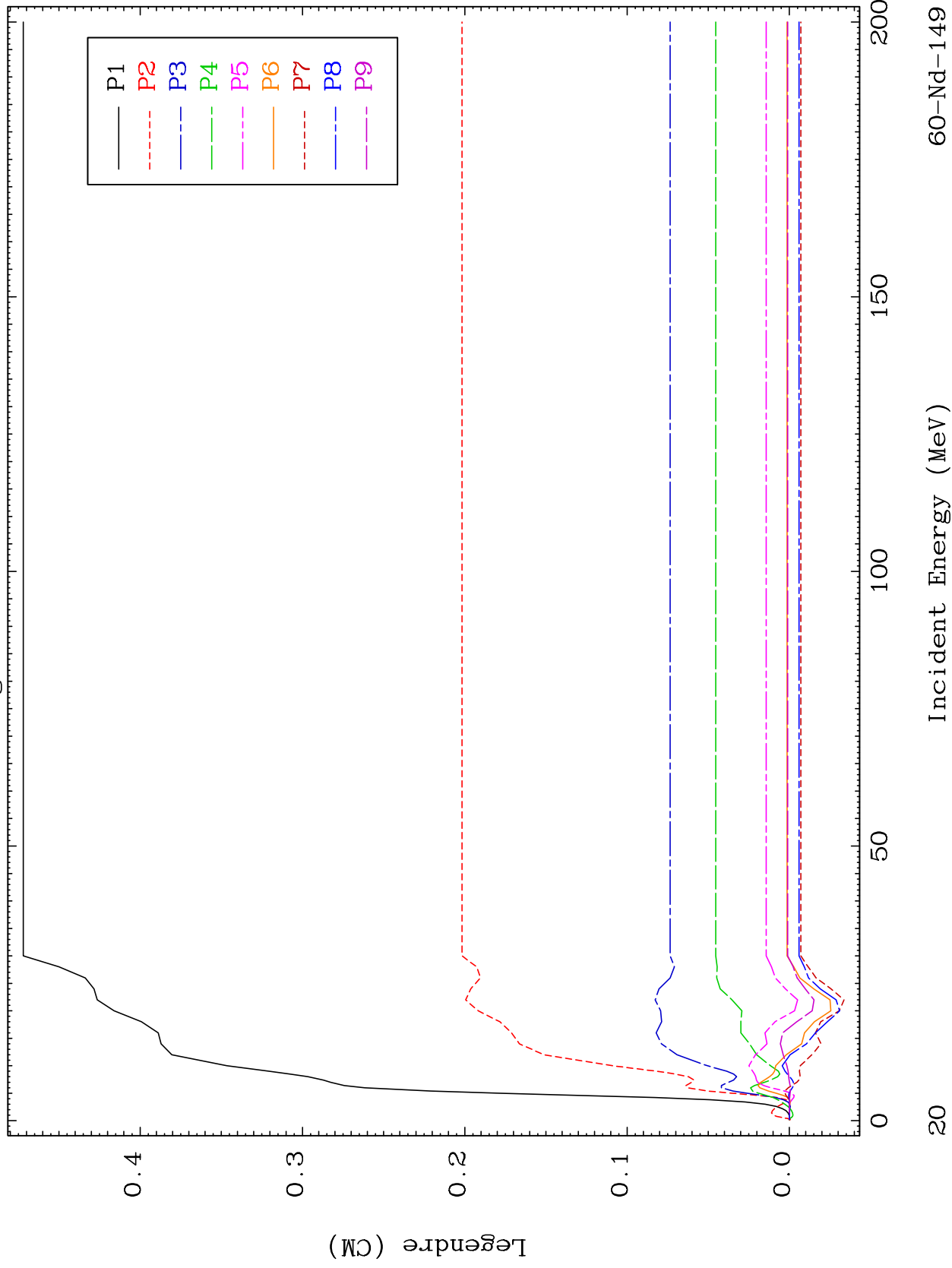
60-Nd-149



MAT 6046

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

60-Nd-149



60-Nd-149

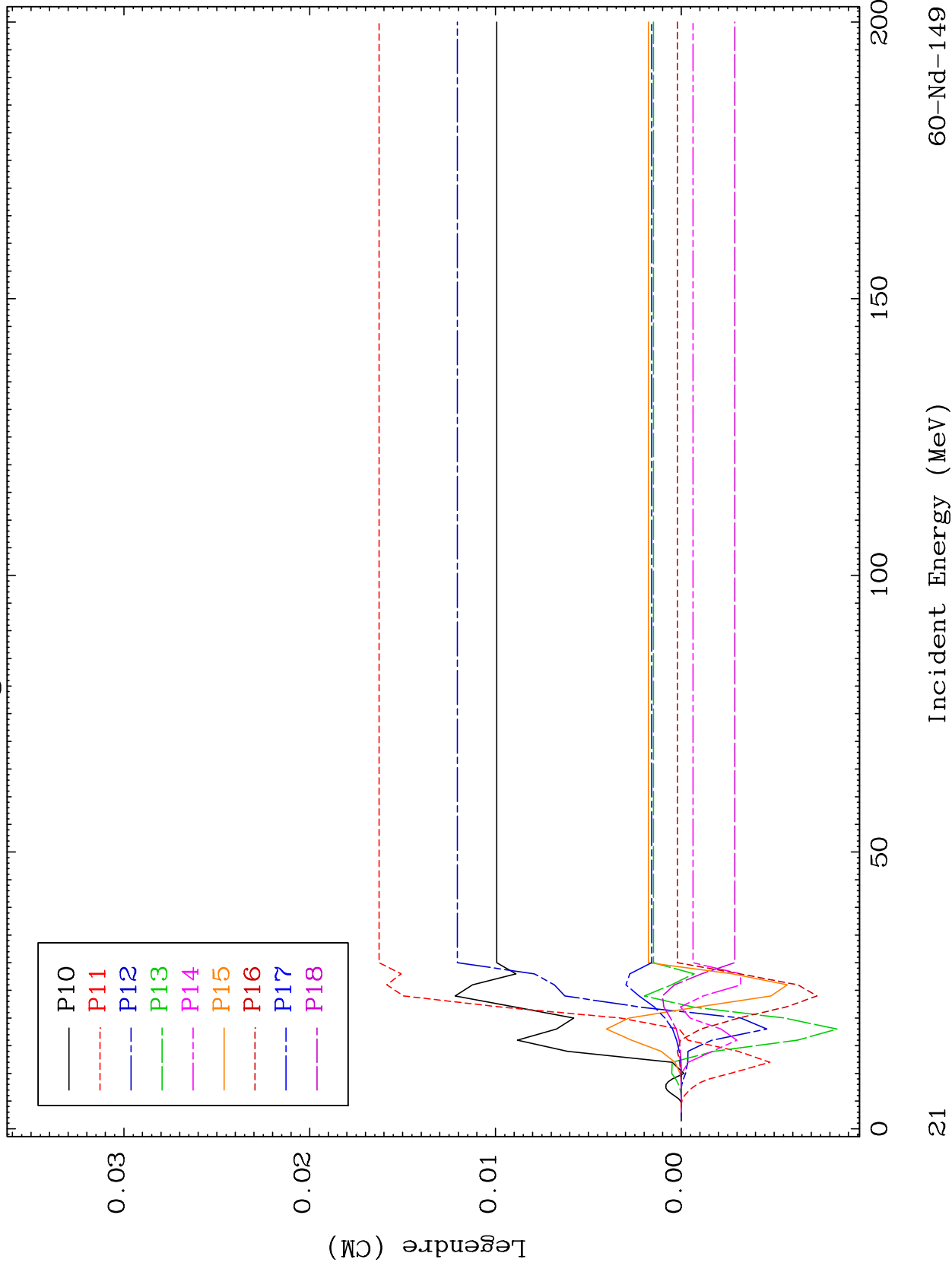
Incident Energy (MeV)

0

MAT 6046

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

60-Nd-149



21

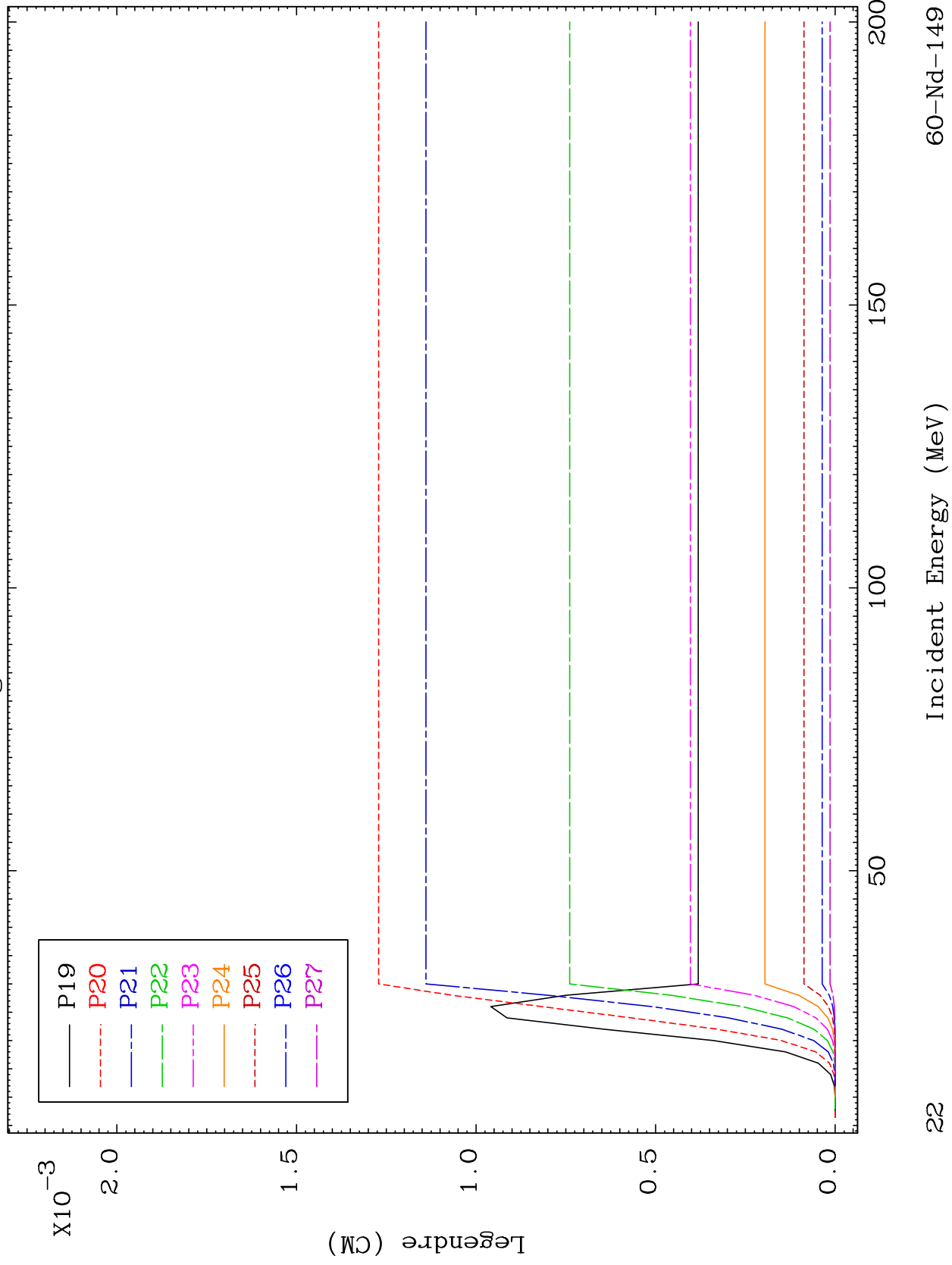
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

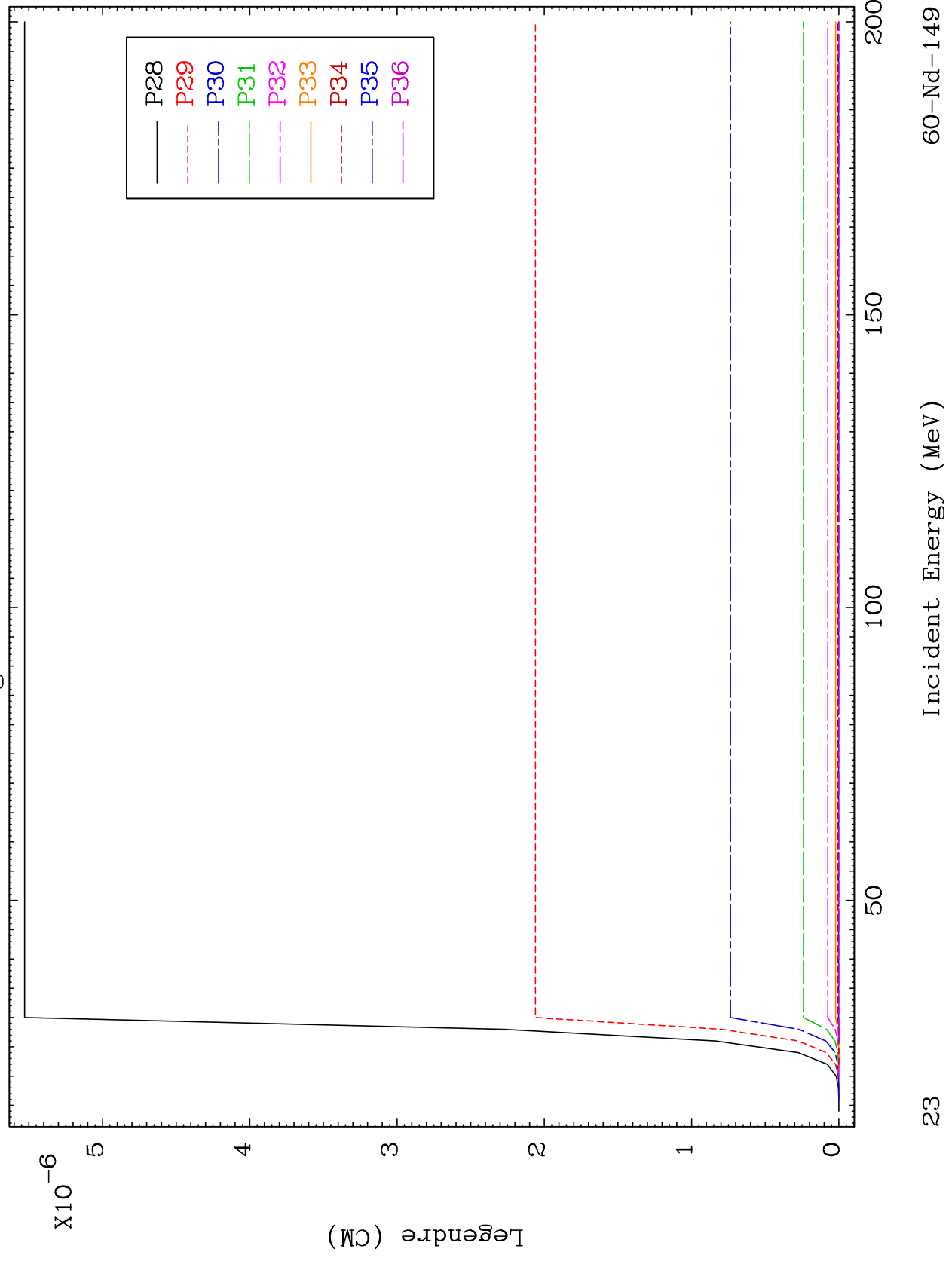
60-Nd-149



MAT 6046

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

60-Nd-149



23

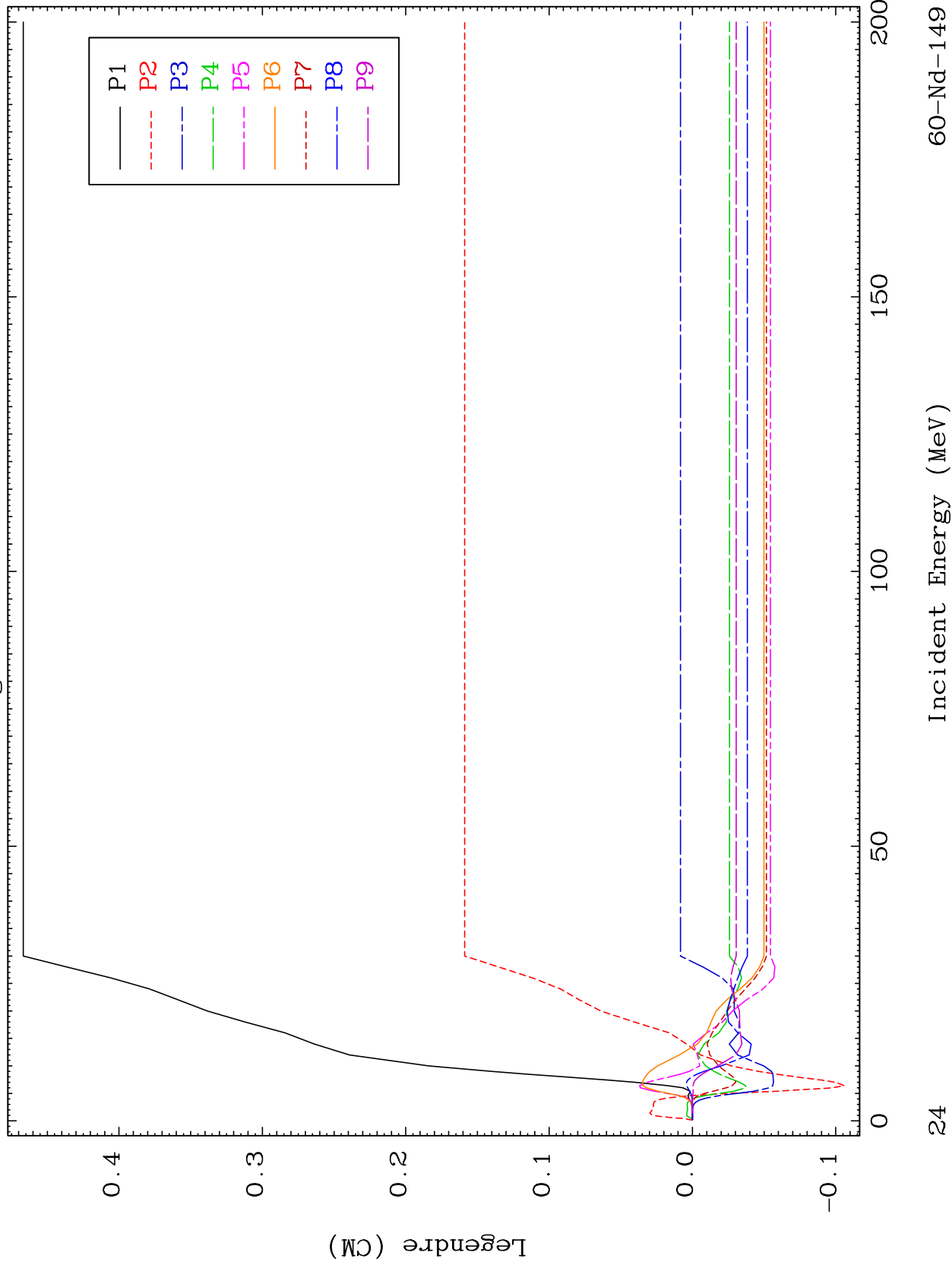
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



60-Nd-149

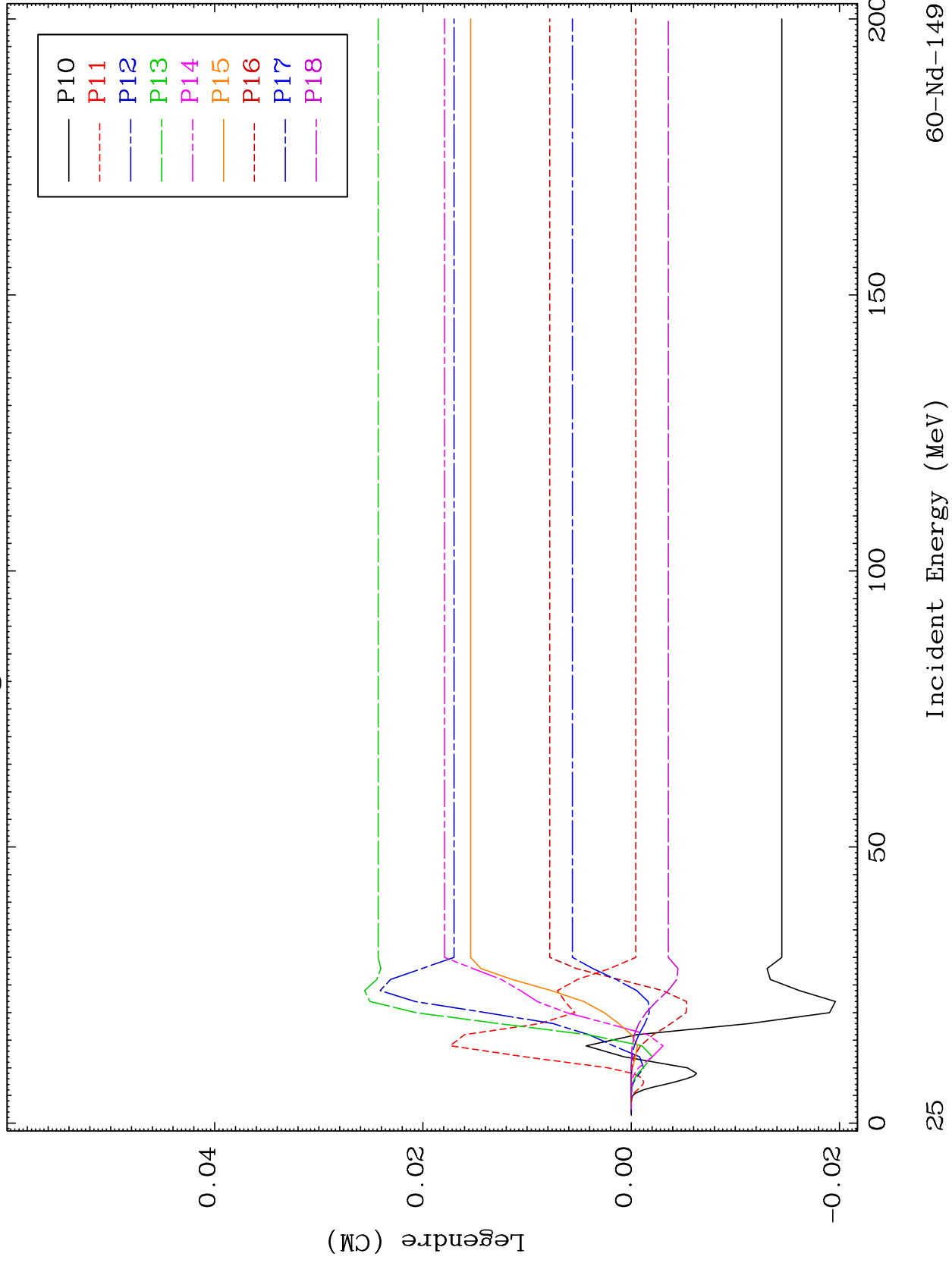
Incident Energy (MeV)

24

MAT 6046

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

60-Nd-149



60-Nd-149

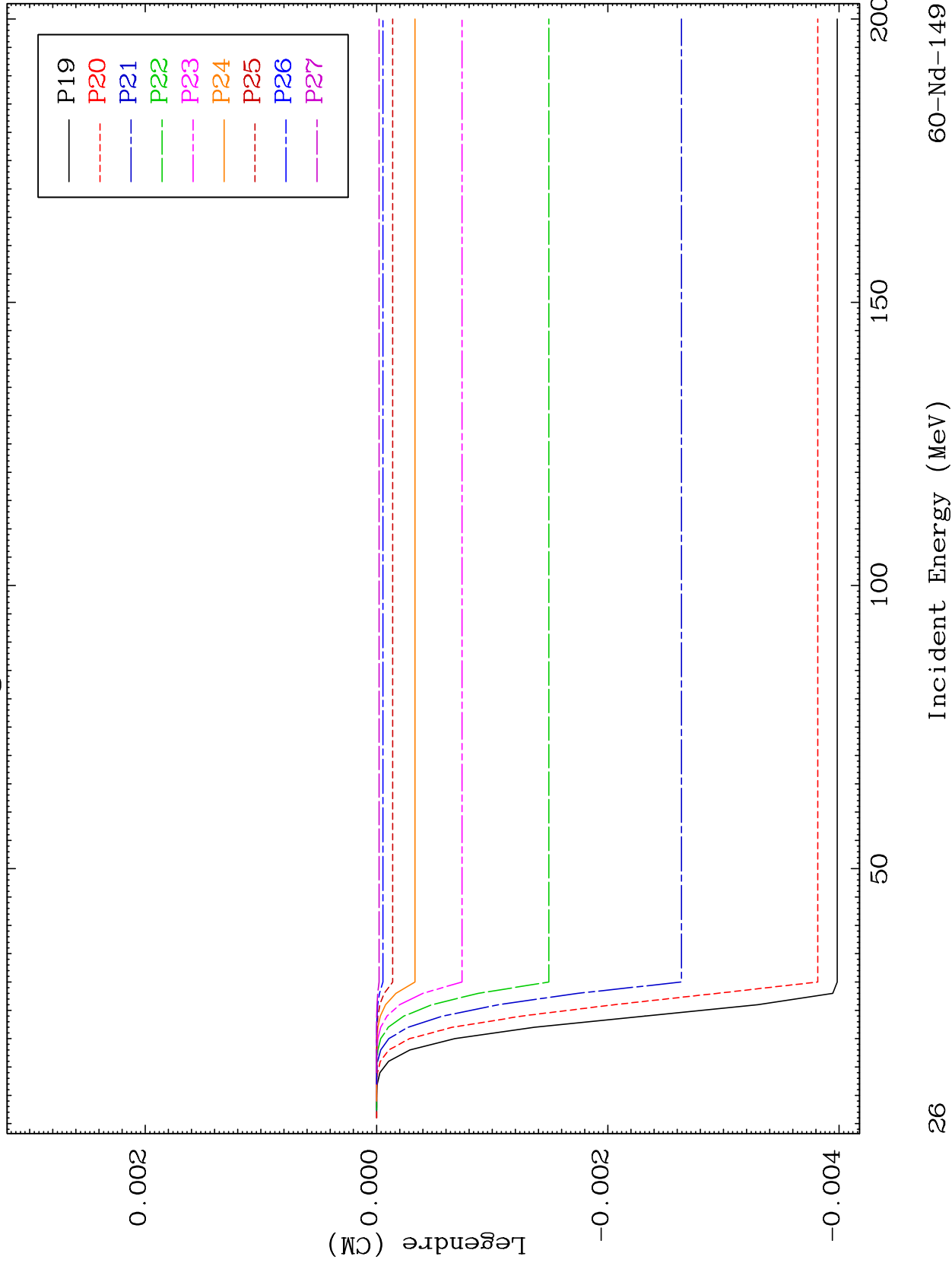
Incident Energy (MeV)

25

MAT 6046

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

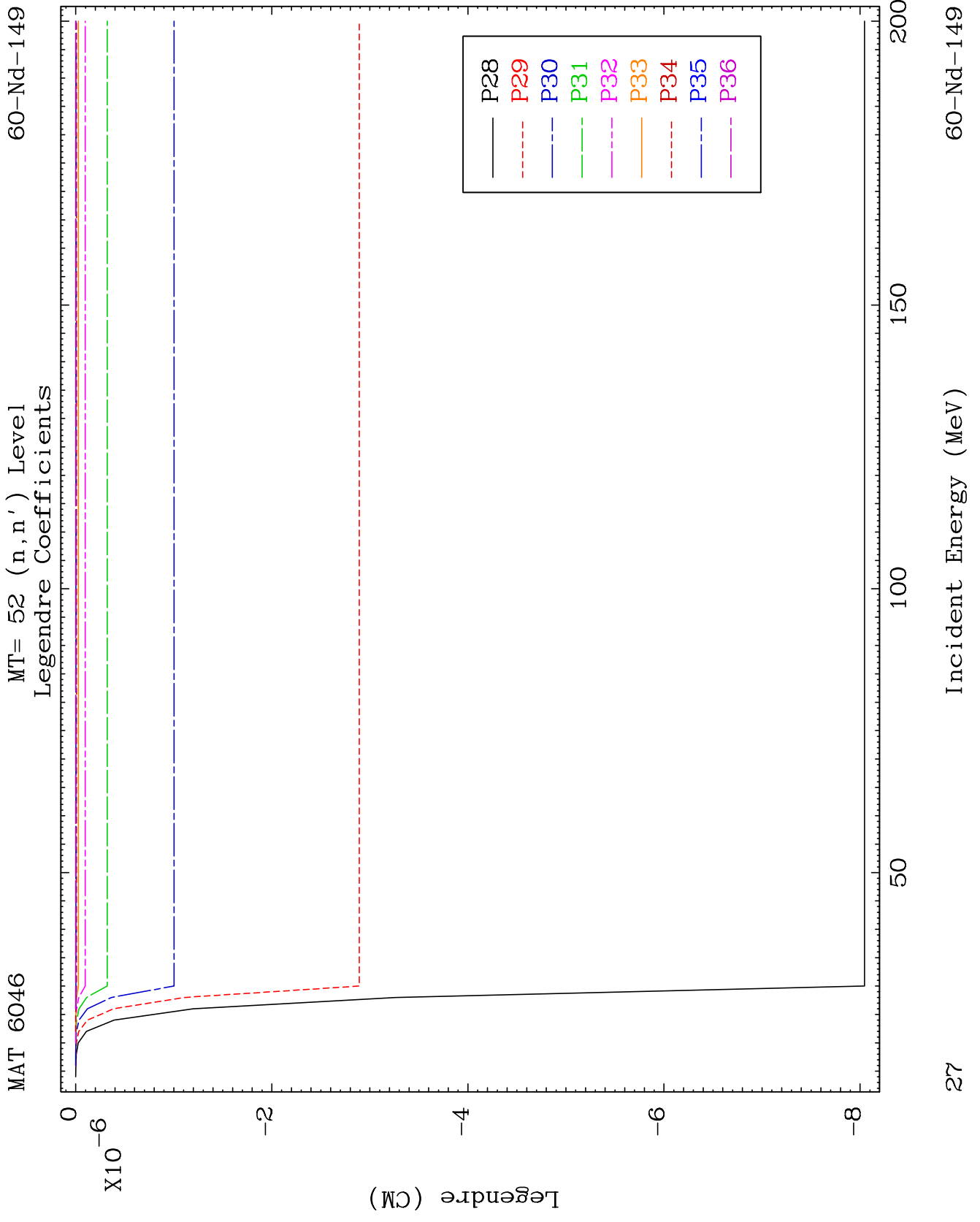
60-Nd-149



26

Incident Energy (MeV)

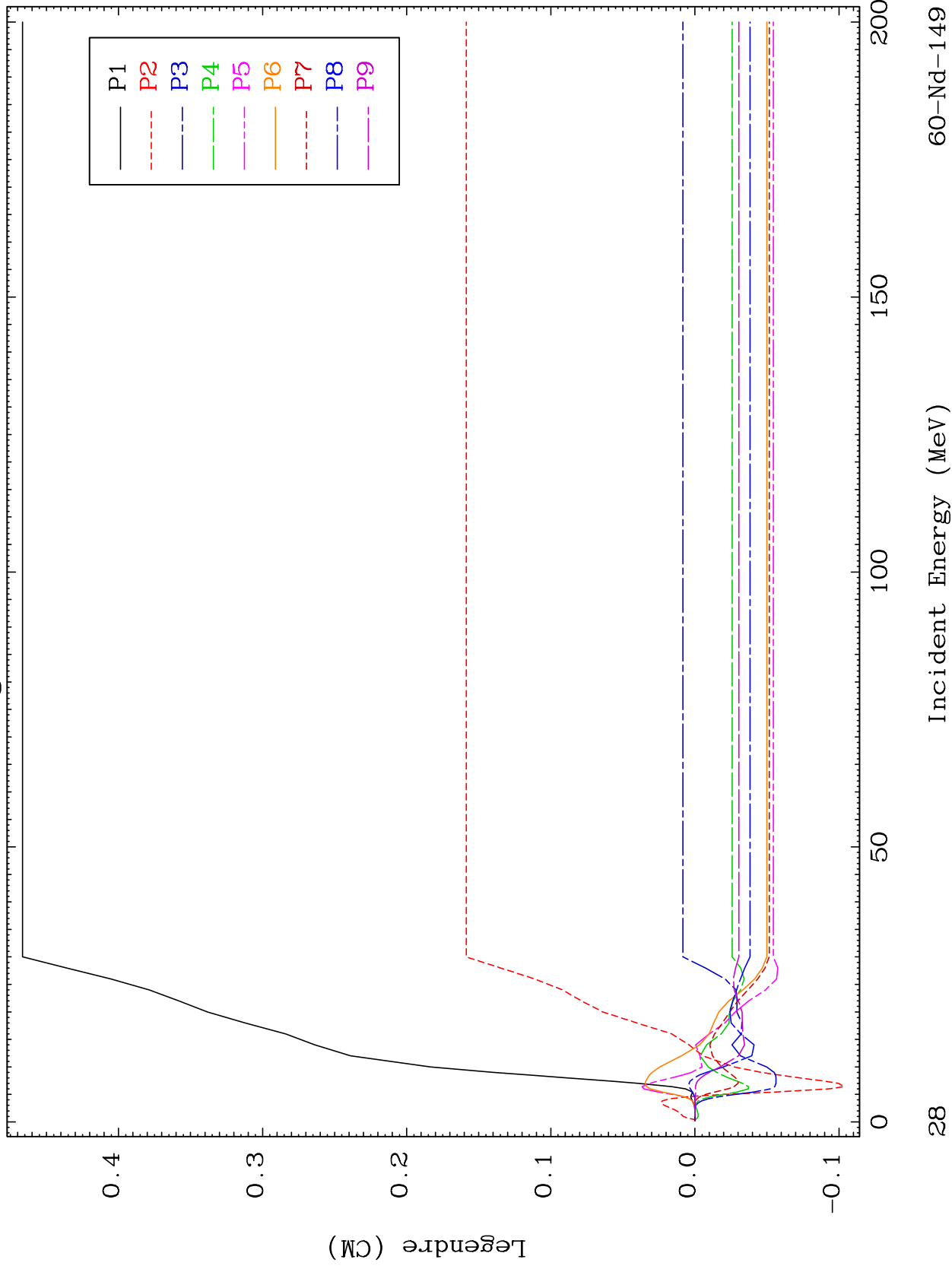
60-Nd-149



MAT 6046

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

60-Nd-149



60-Nd-149

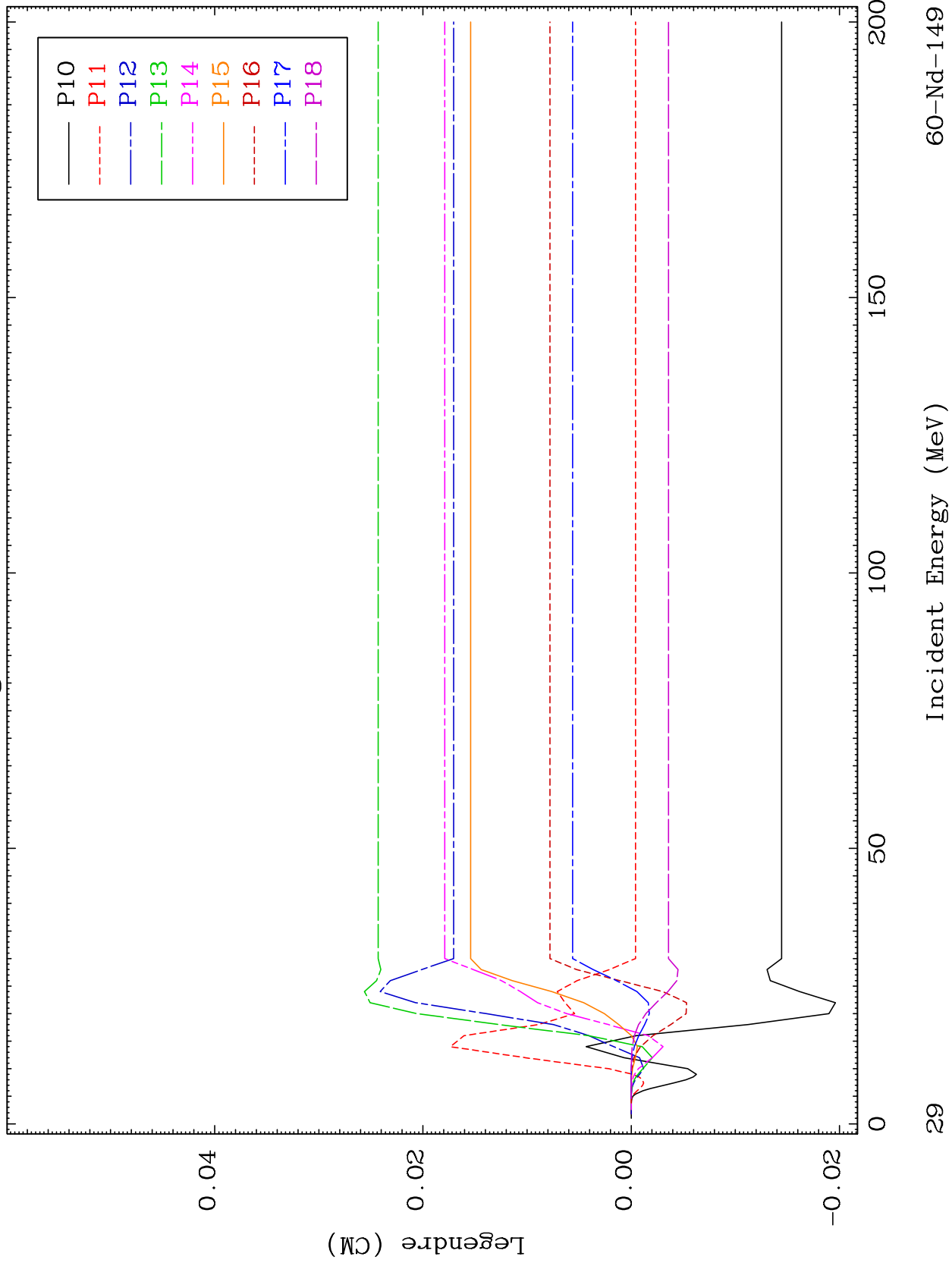
Incident Energy (MeV)

28

MAT 6046

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

60-Nd-149



60-Nd-149

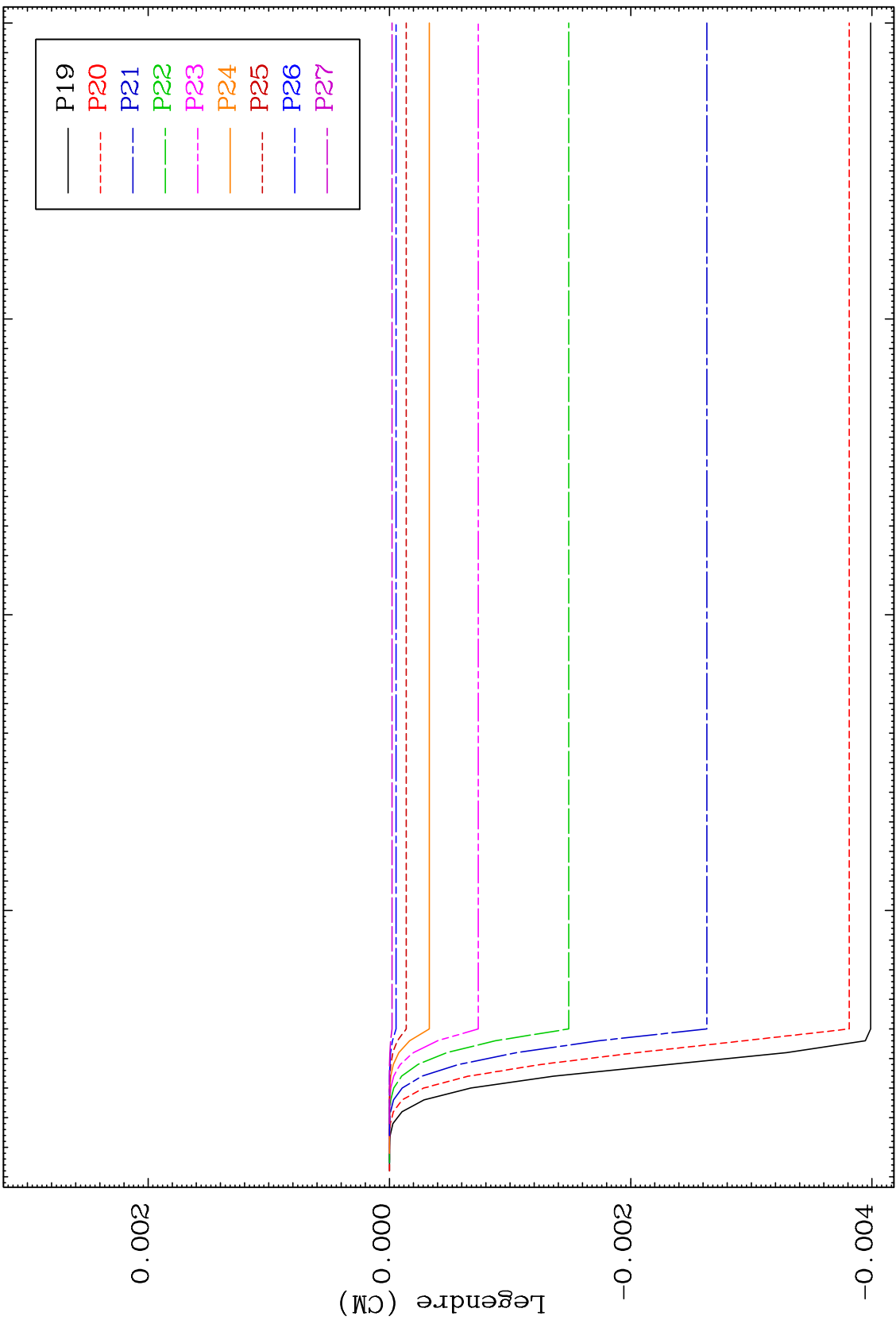
Incident Energy (MeV)

29

MAT 6046

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

60-Nd-149



30

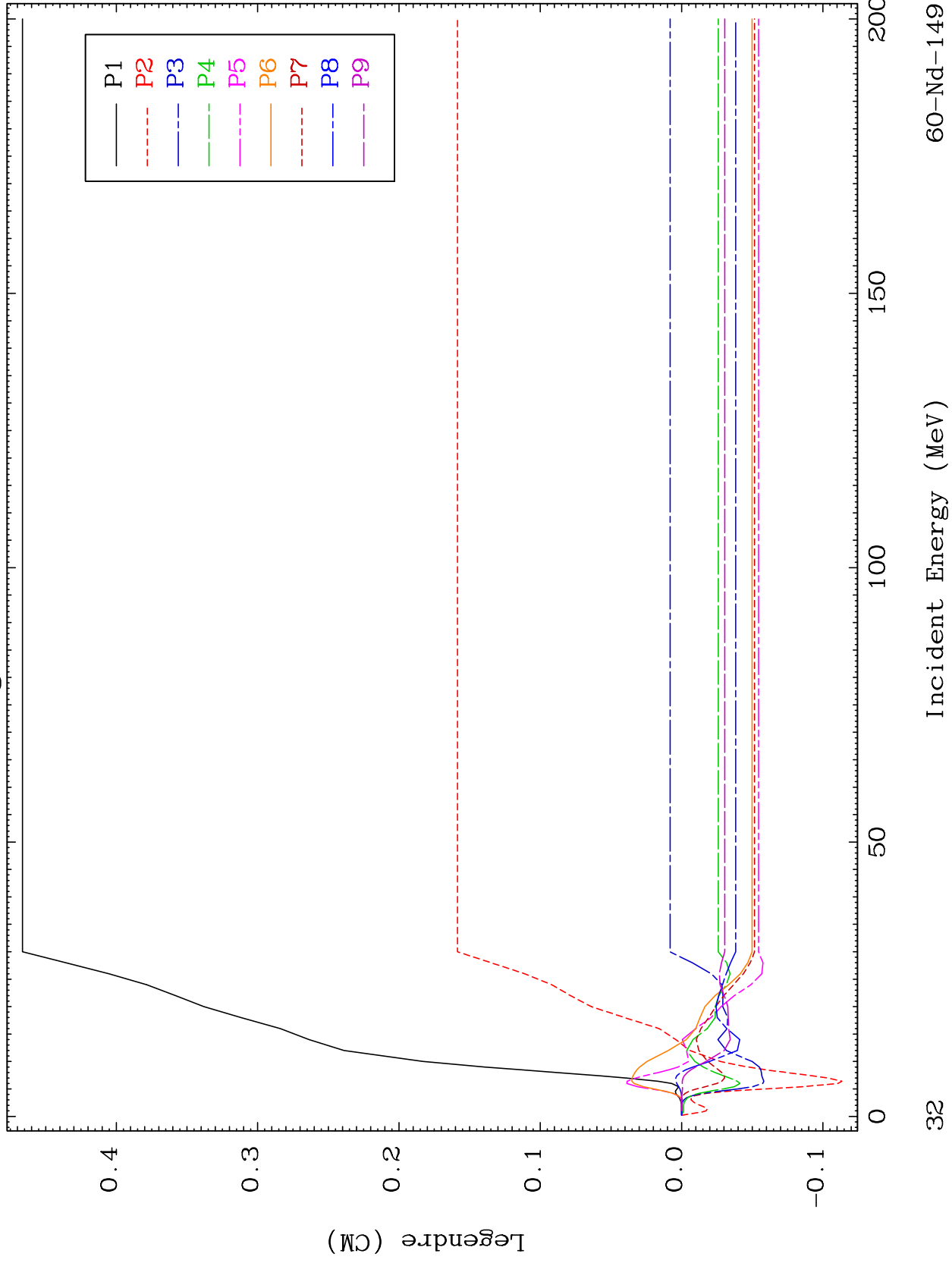
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



60-Nd-149

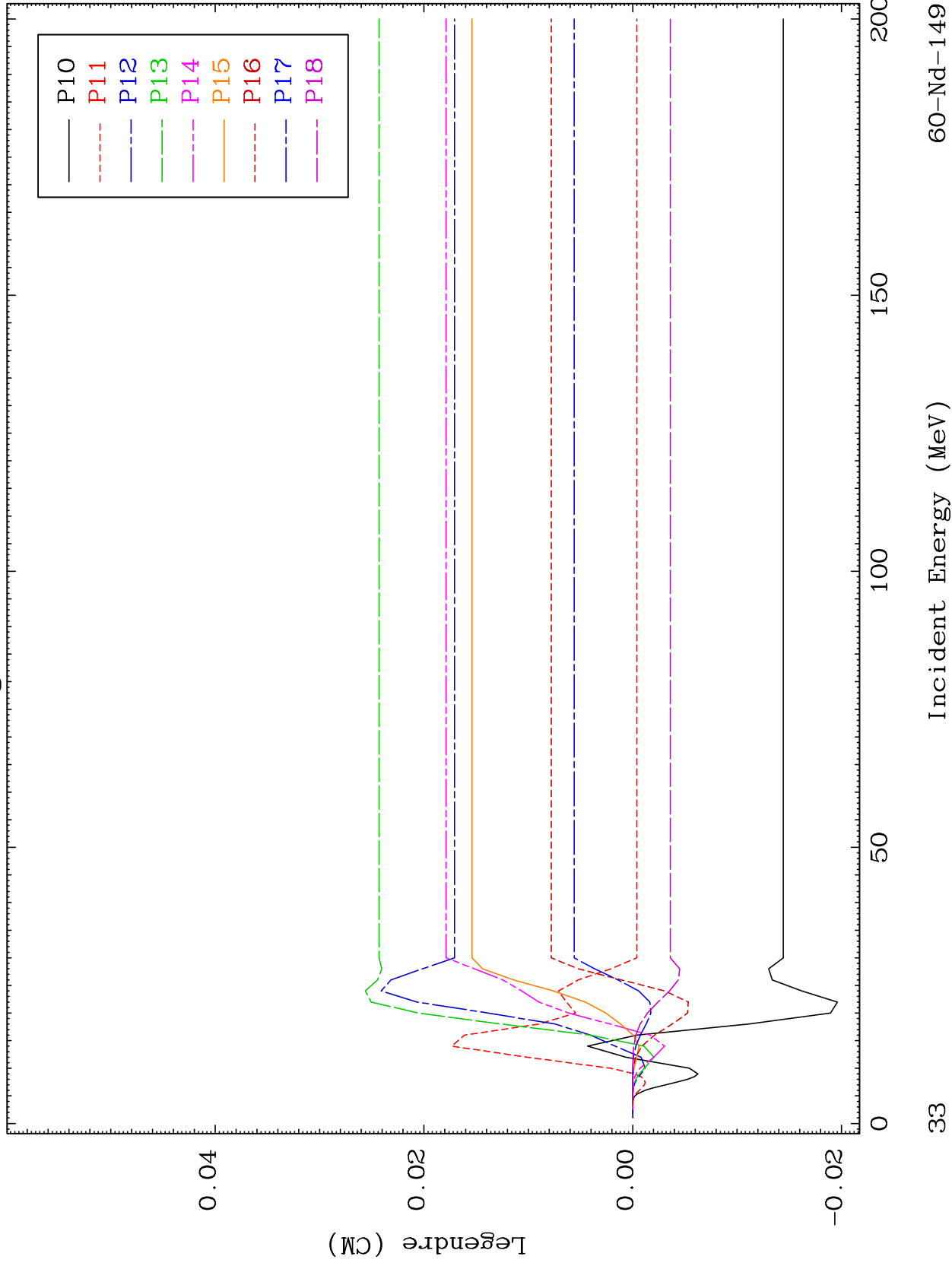
Incident Energy (MeV)

32

MAT 6046

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

60-Nd-149



33

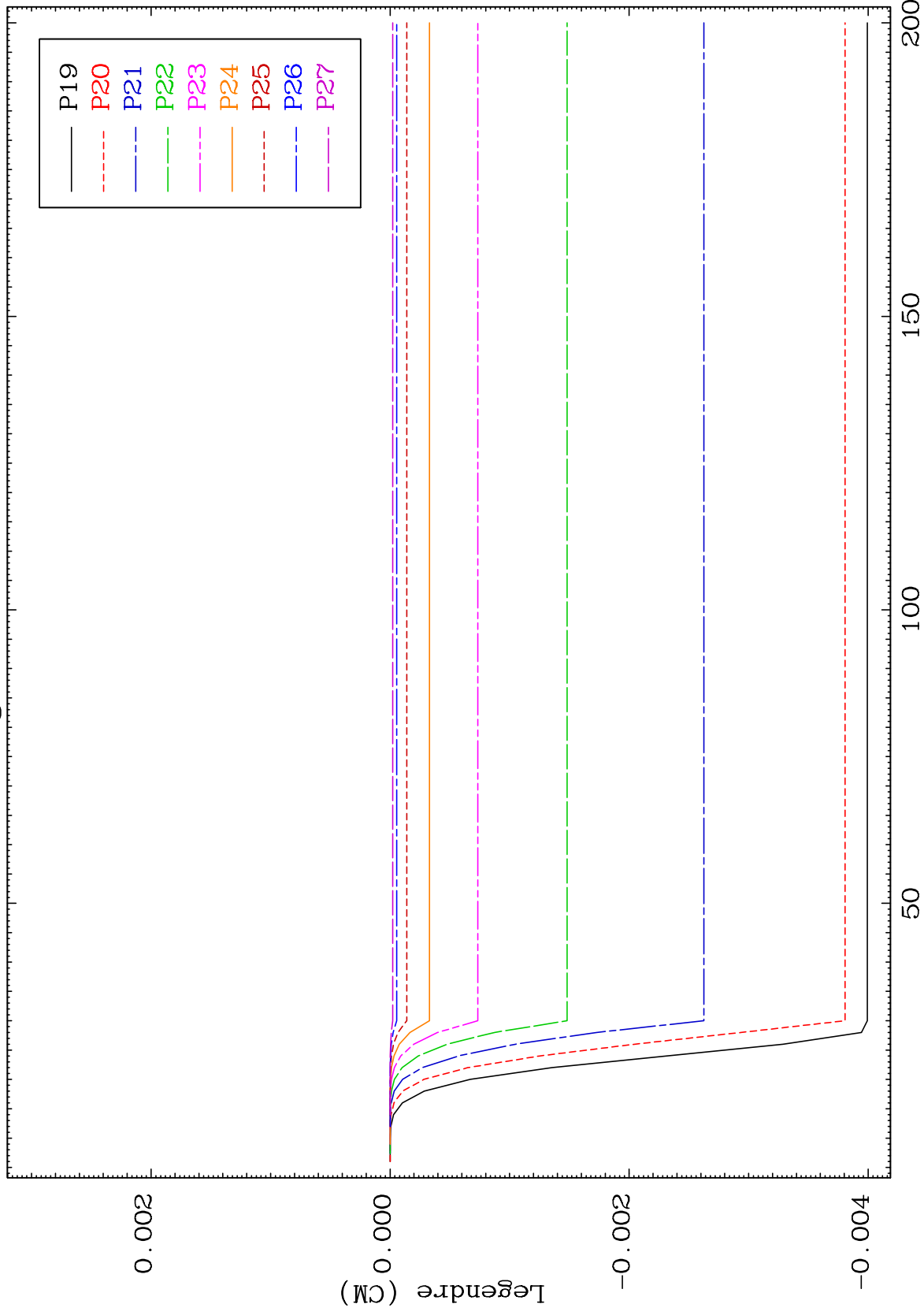
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

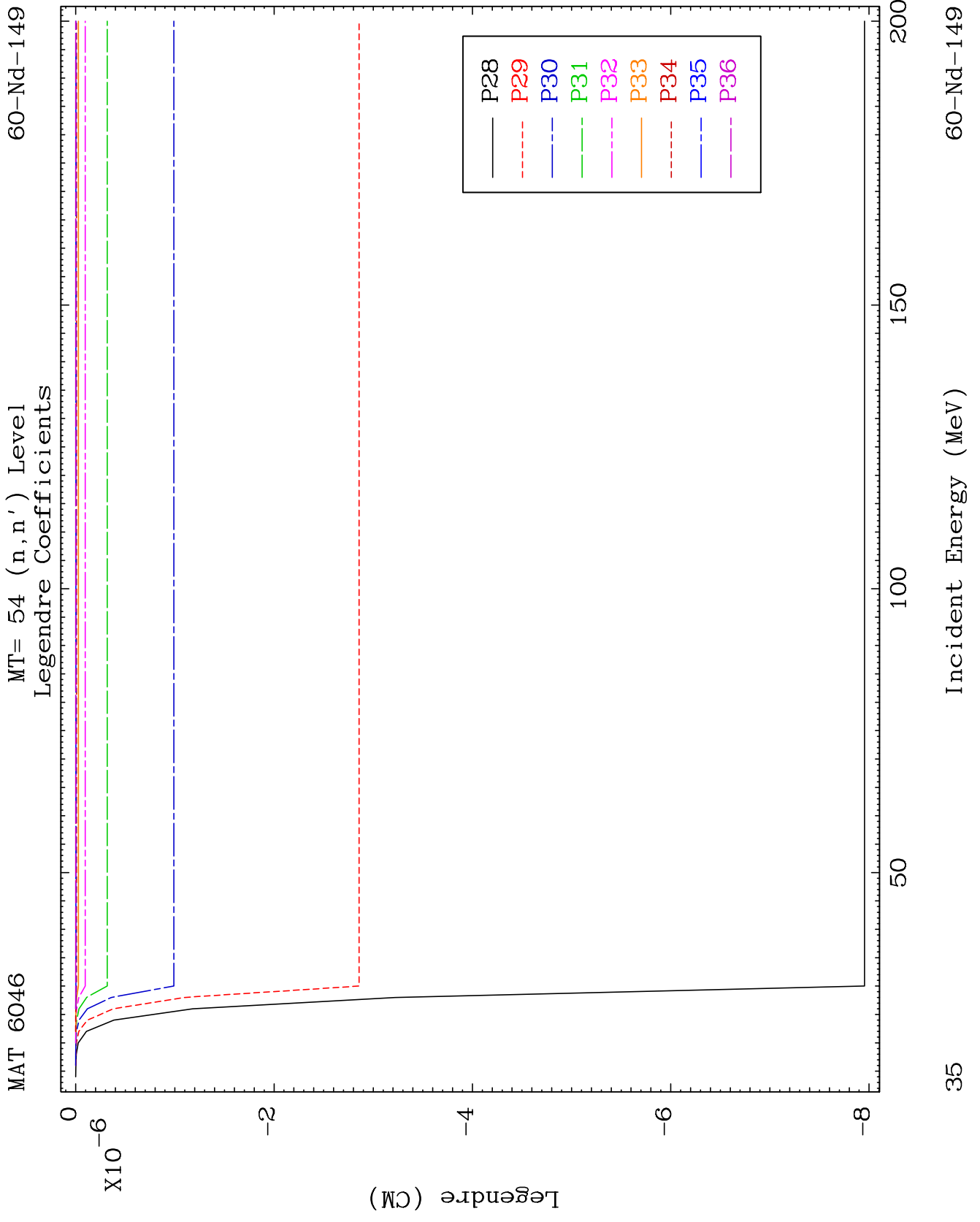
60-Nd-149



34

Incident Energy (MeV)

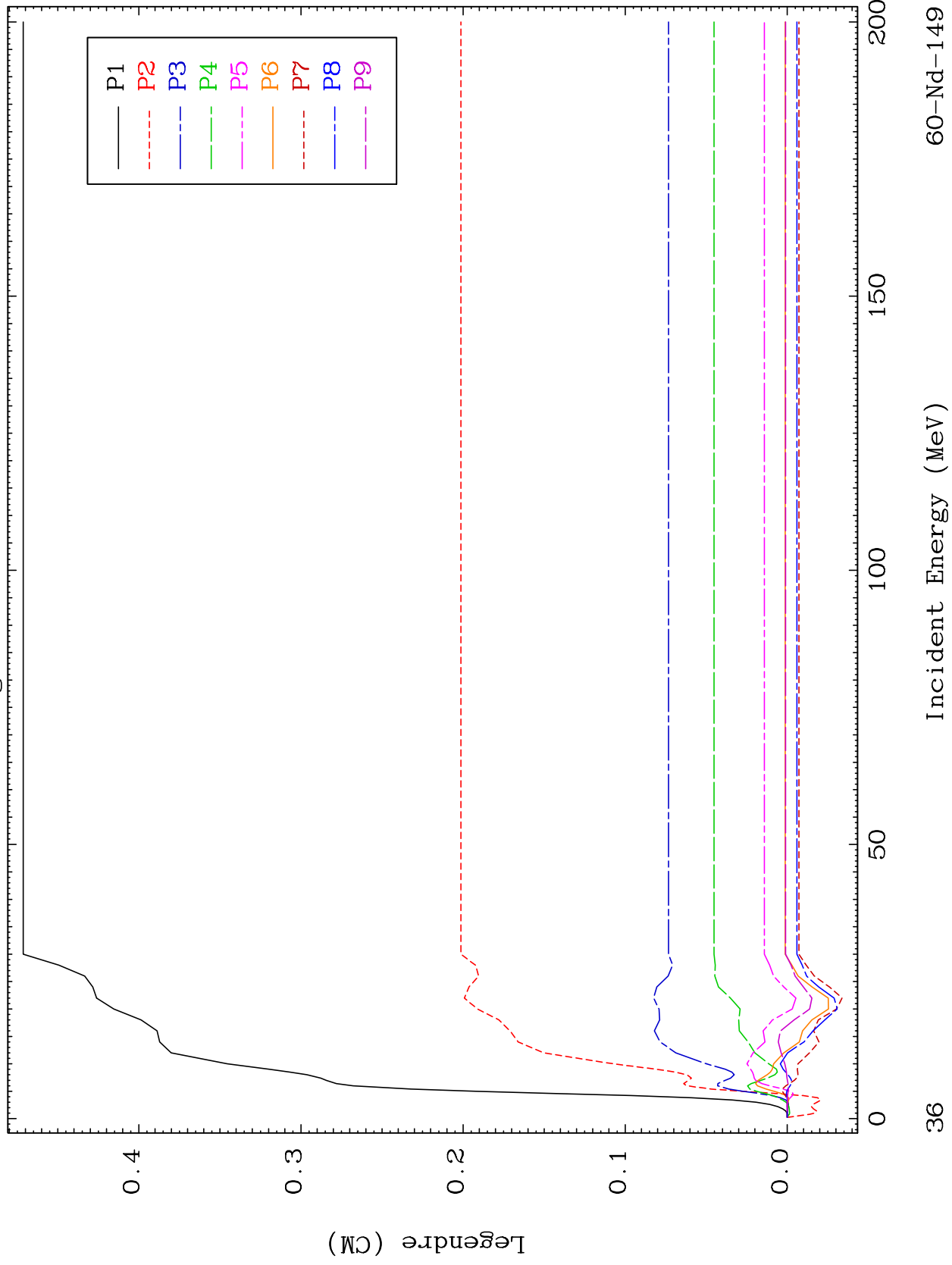
60-Nd-149



MAT 6046

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

60-Nd-149



60-Nd-149

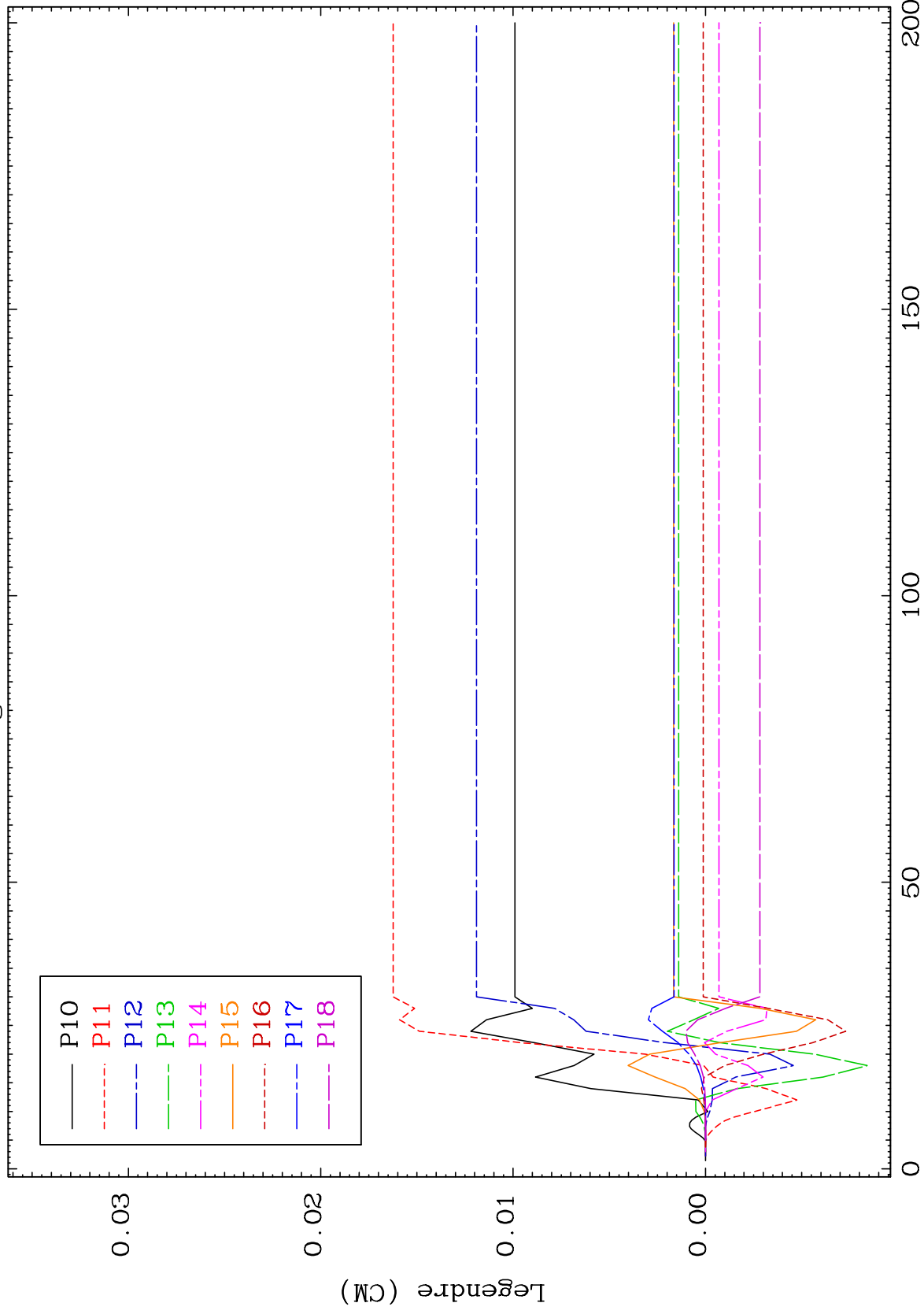
Incident Energy (MeV)

36

MAT 6046

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

60-Nd-149



37

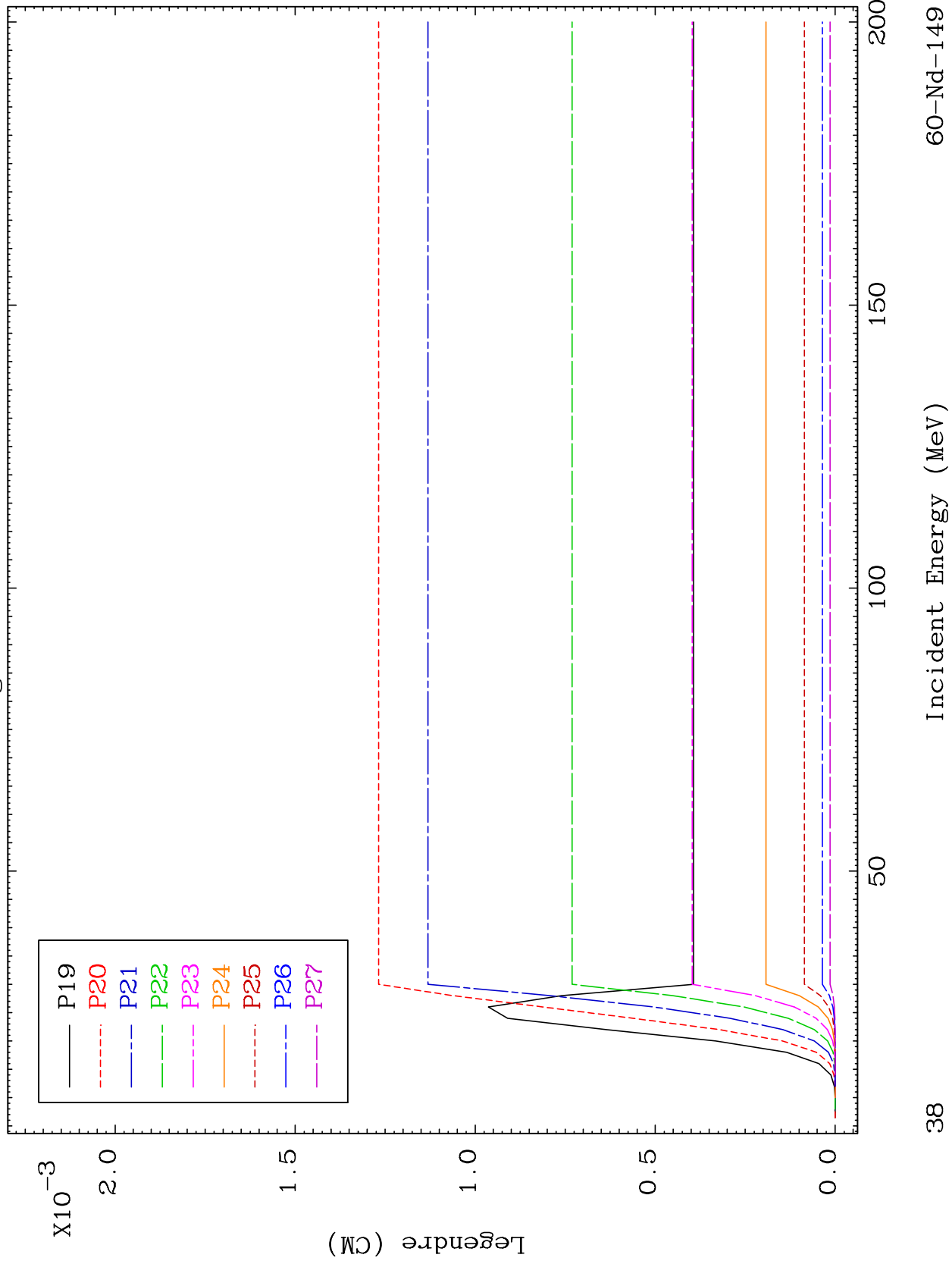
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

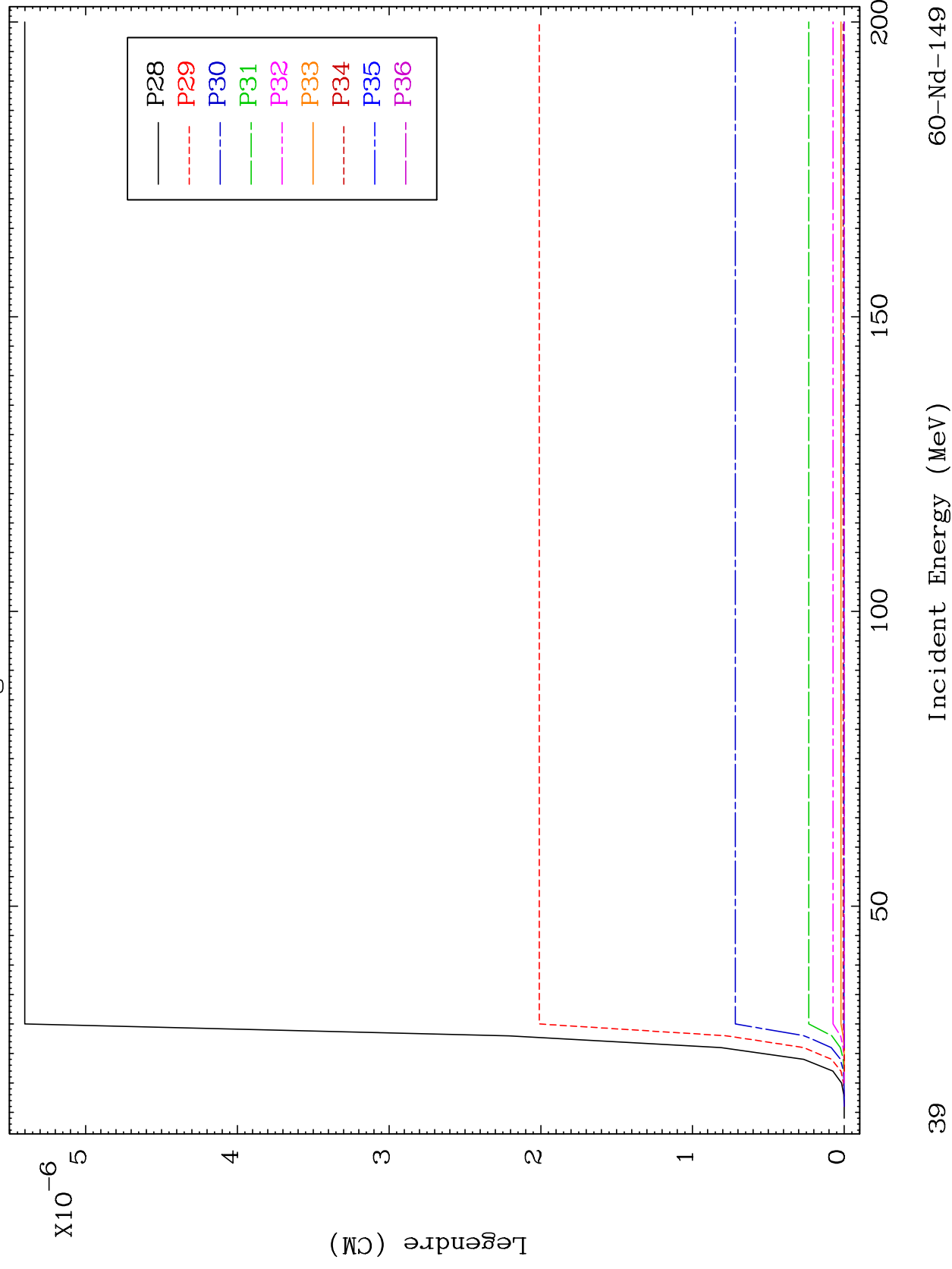
60-Nd-149



MAT 6046

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

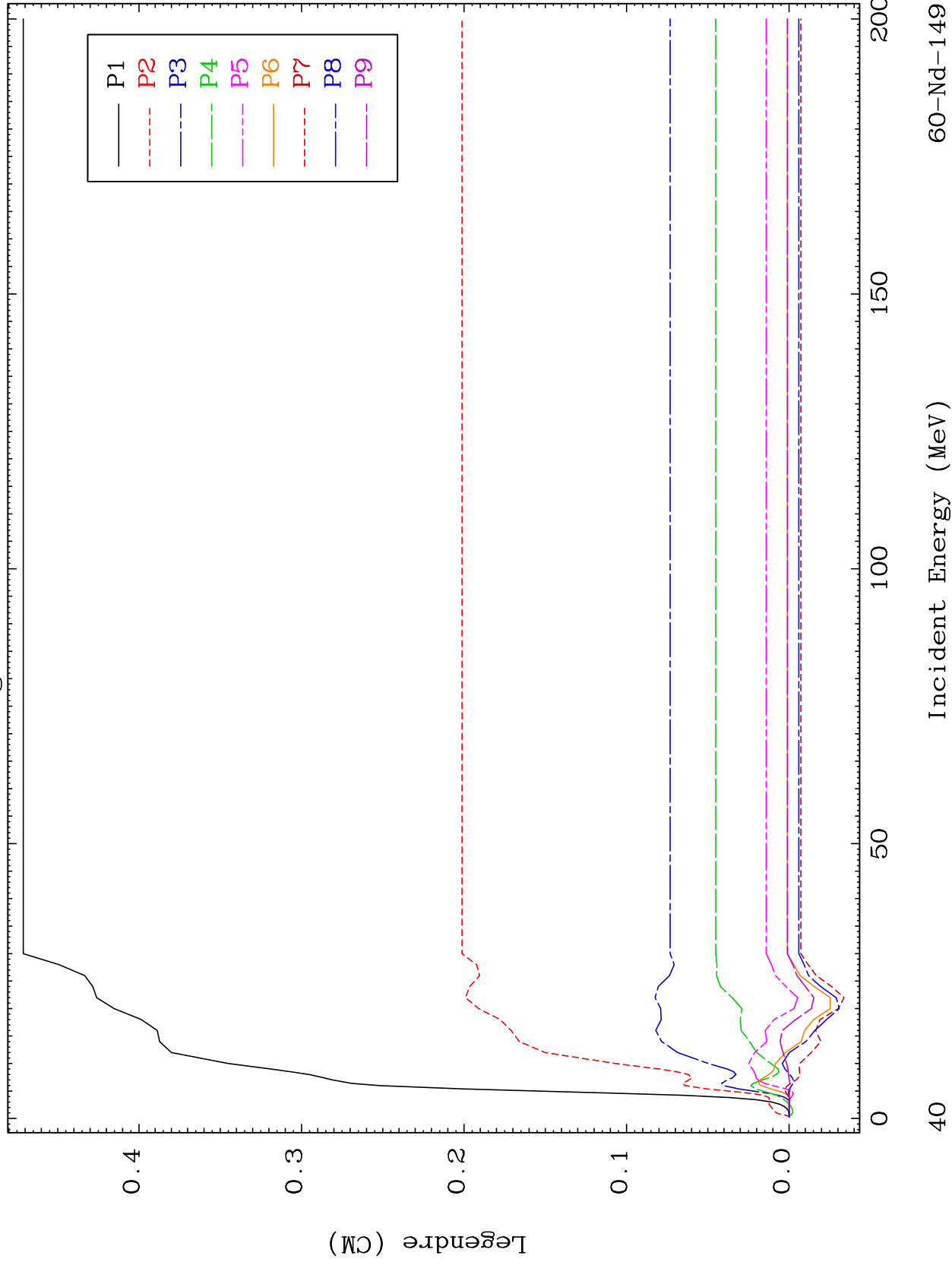
60-Nd-149



MAT 6046

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

60-Nd-149



60-Nd-149

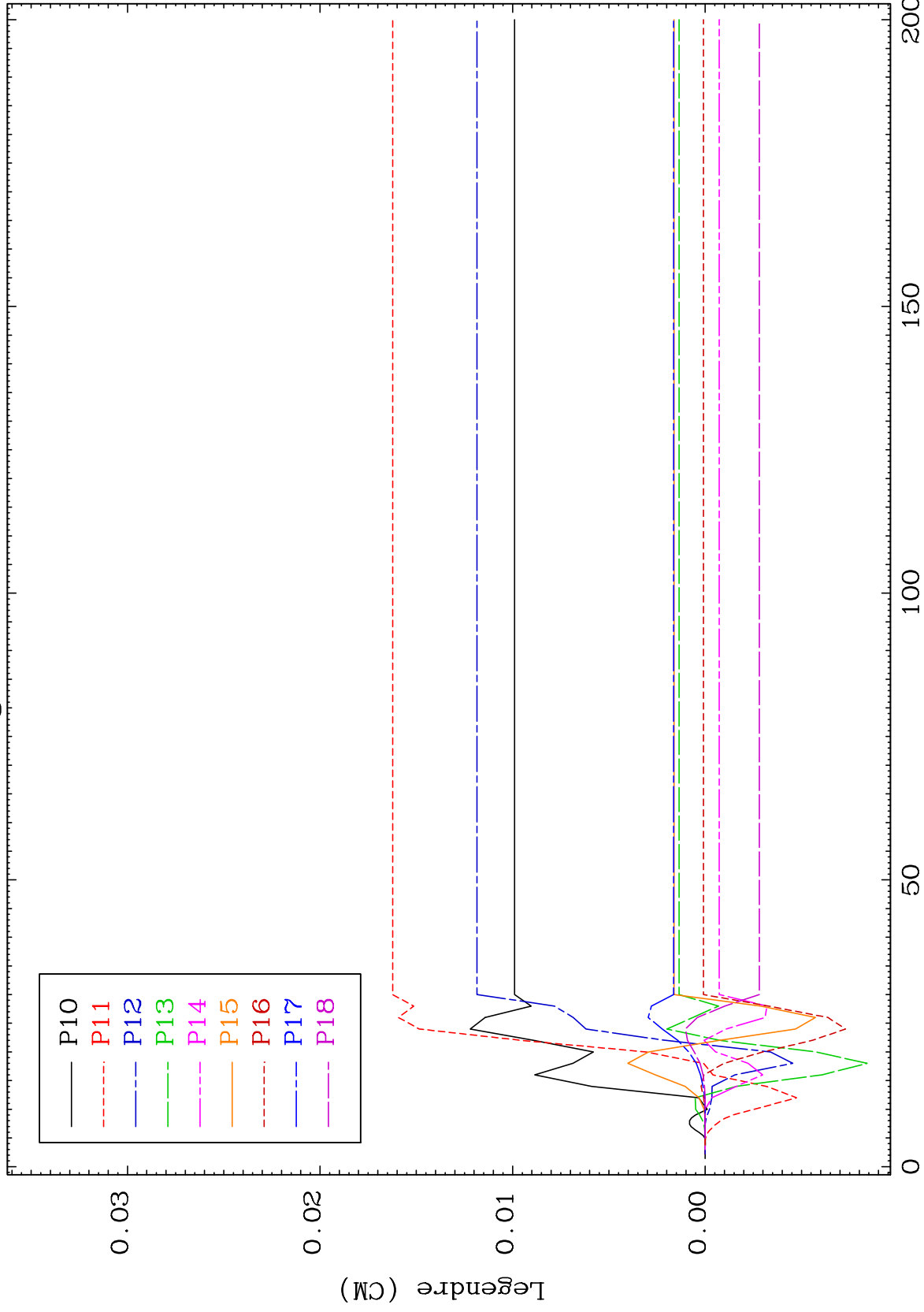
Incident Energy (MeV)

40

MAT 6046

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

60-Nd-149



41

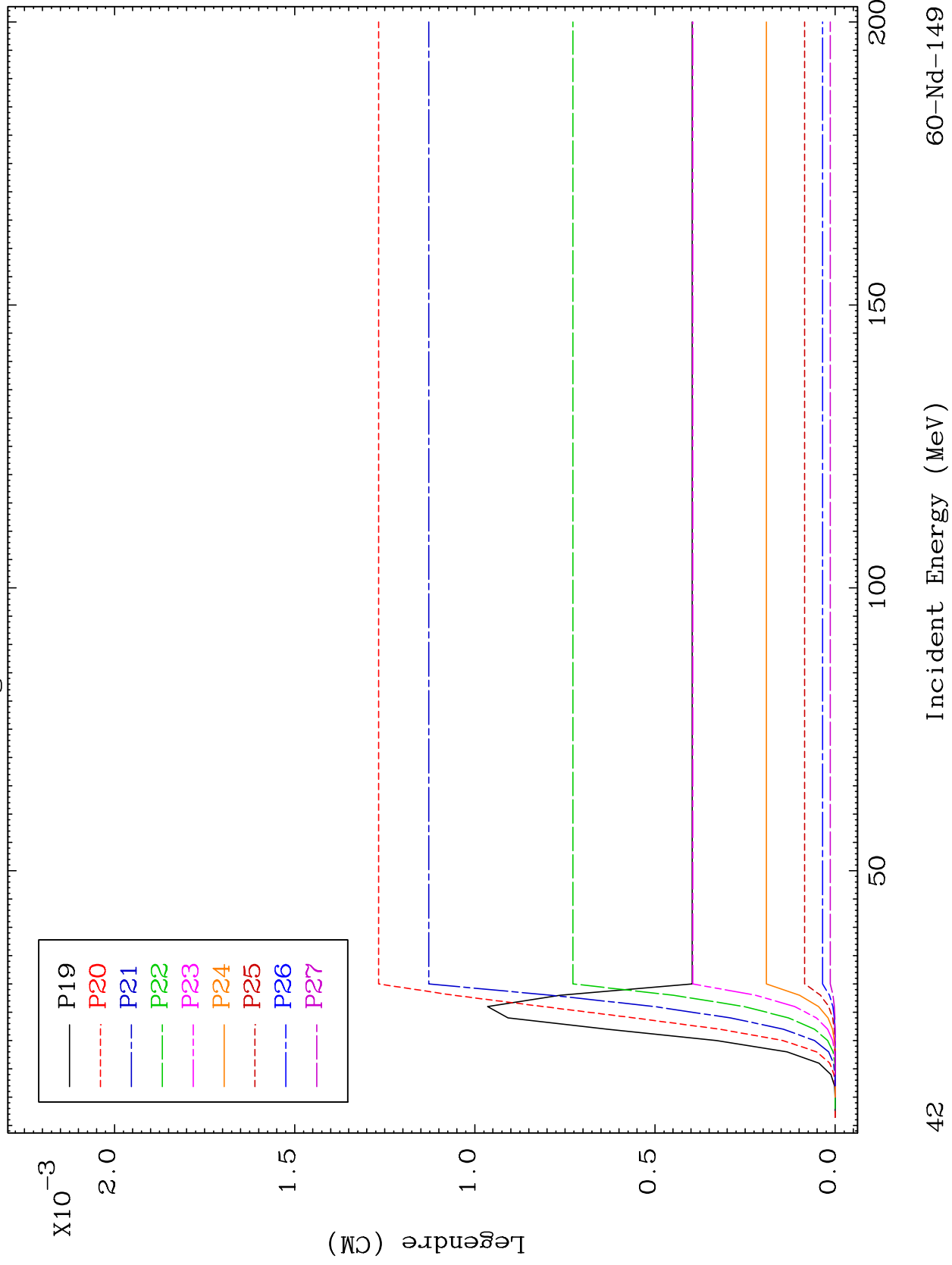
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



42

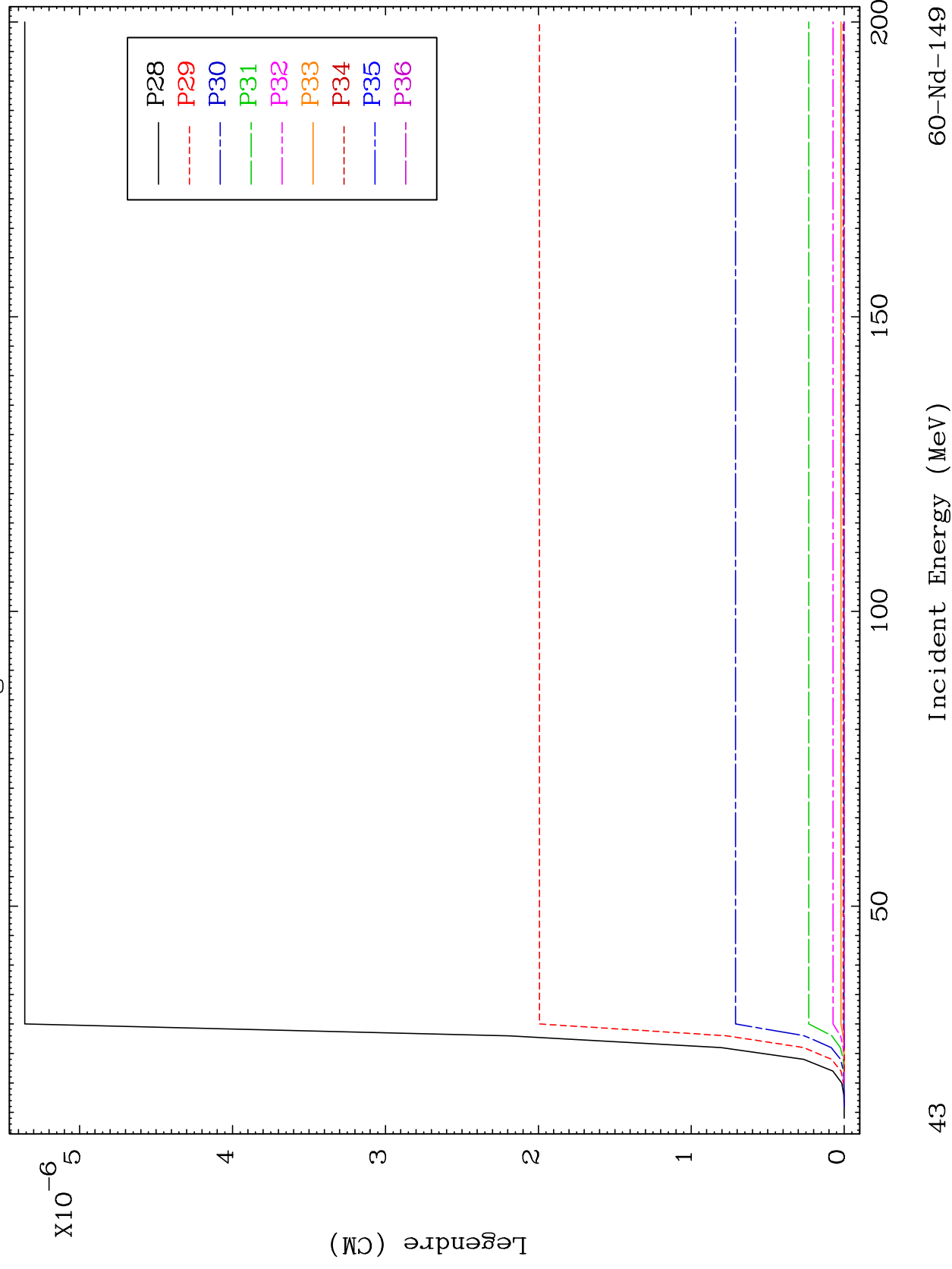
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



43

Incident Energy (MeV)

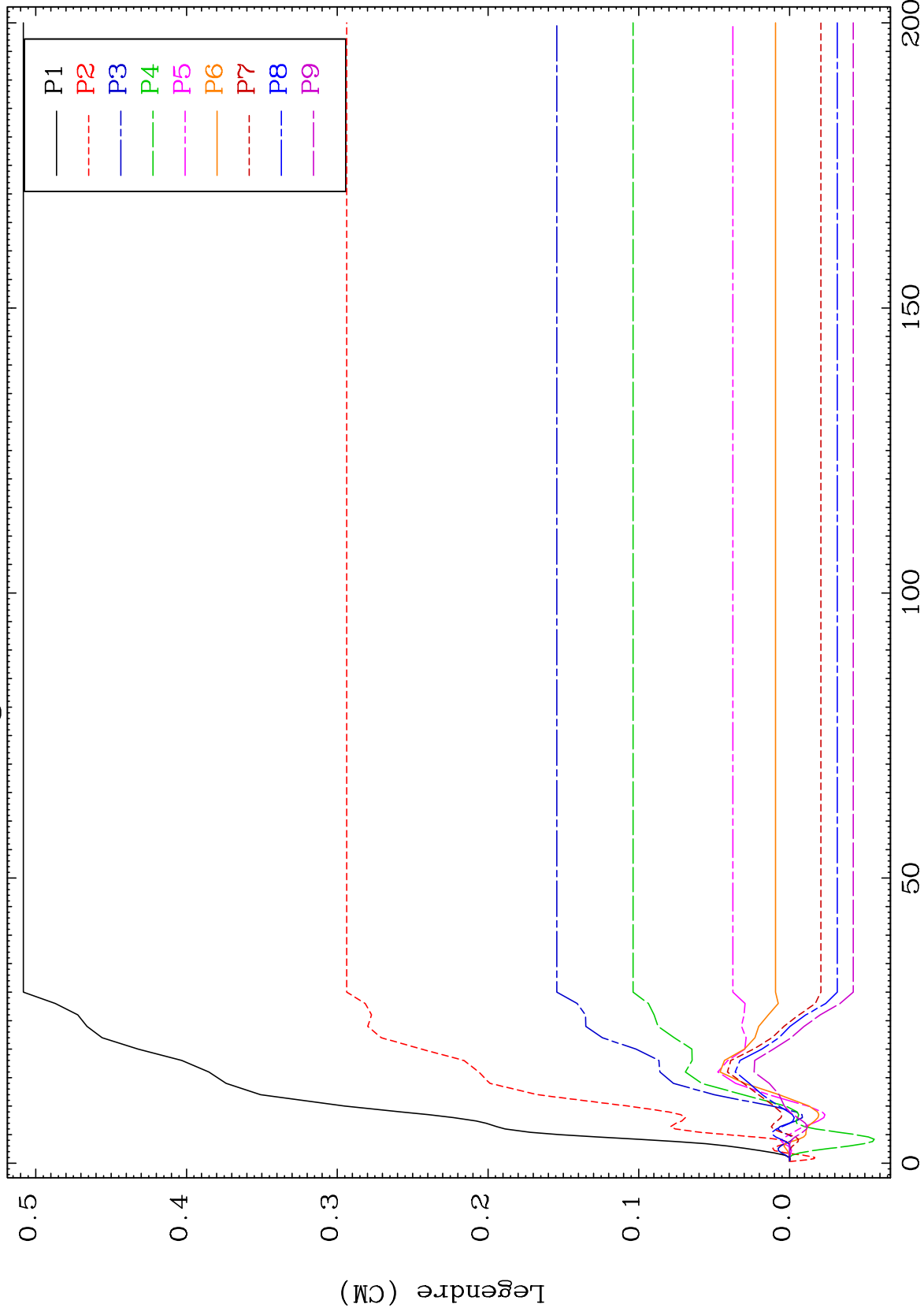
60-Nd-149

MAT 6046

MT= 57 (n,n') Level

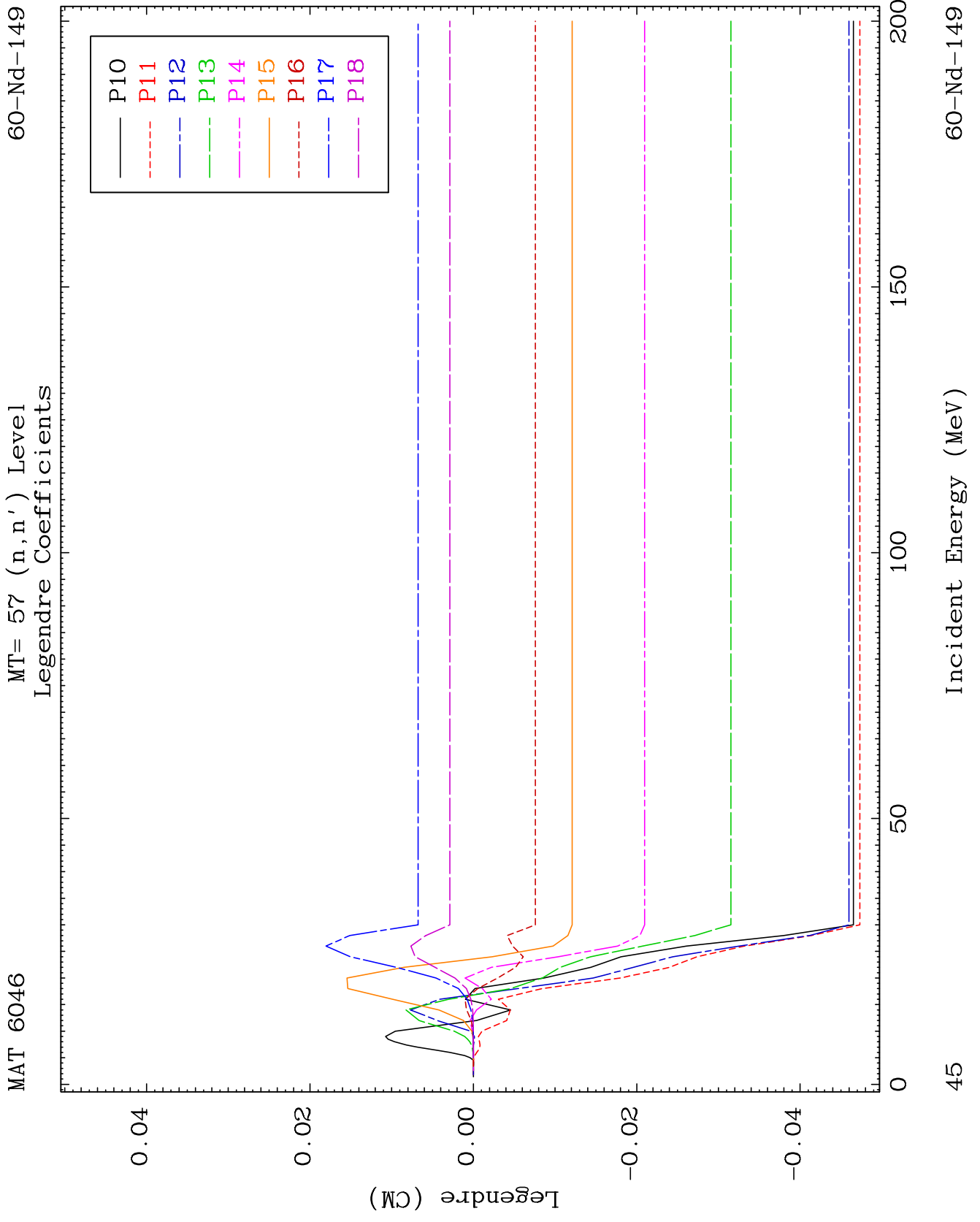
60-Nd-149

Legendre Coefficients



44

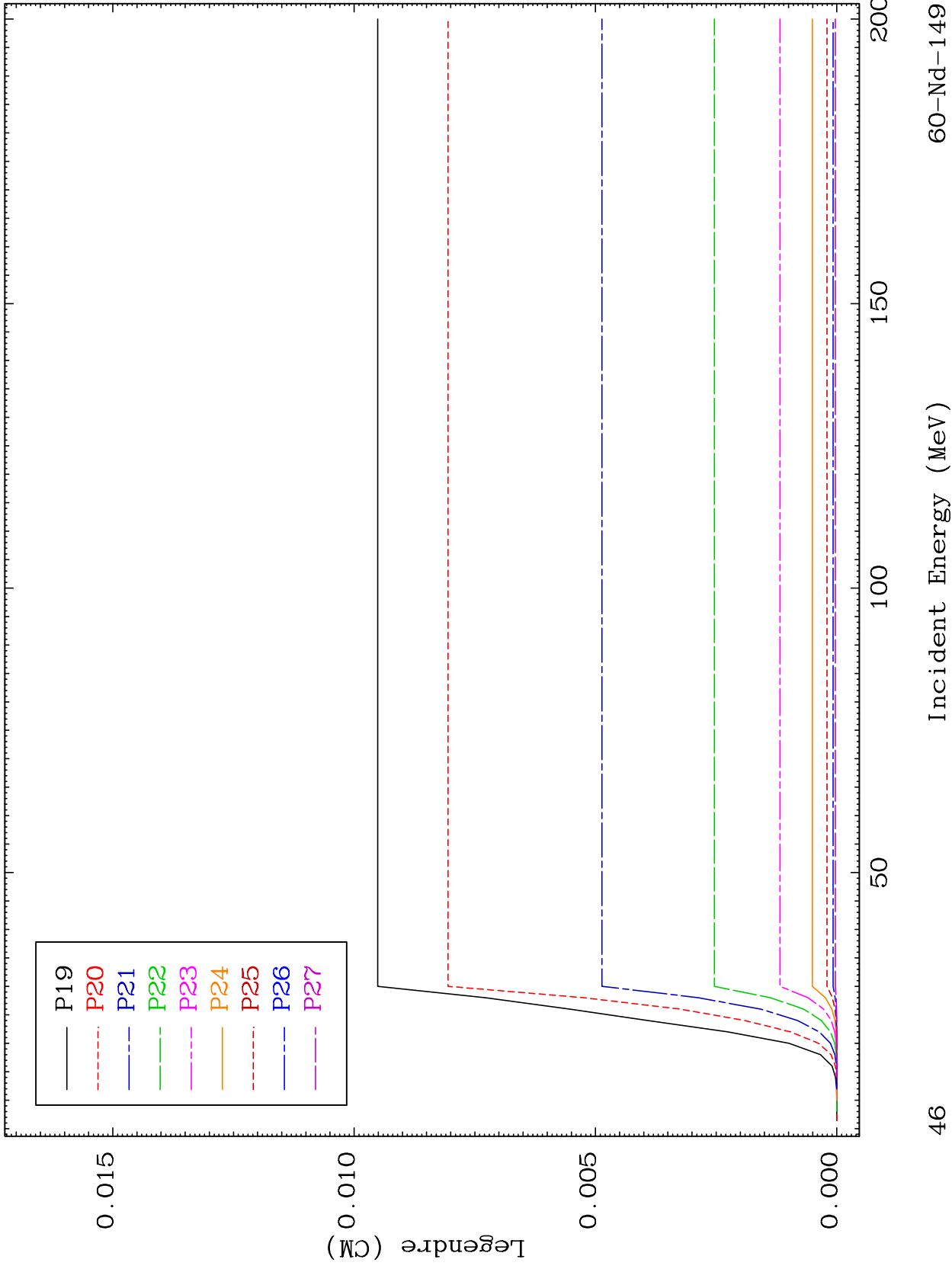
60-Nd-149



MAT 6046

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

60-Nd-149



46

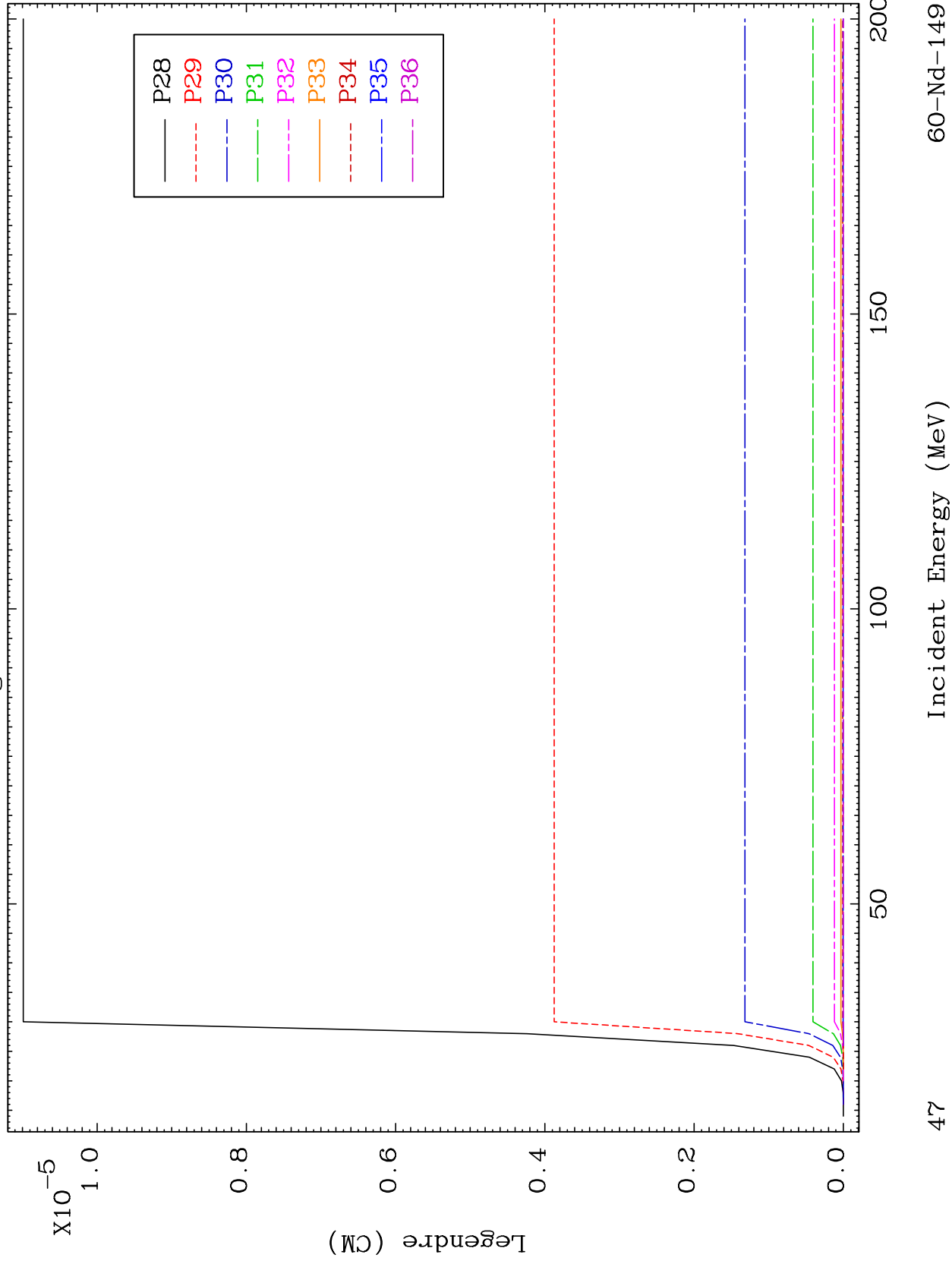
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

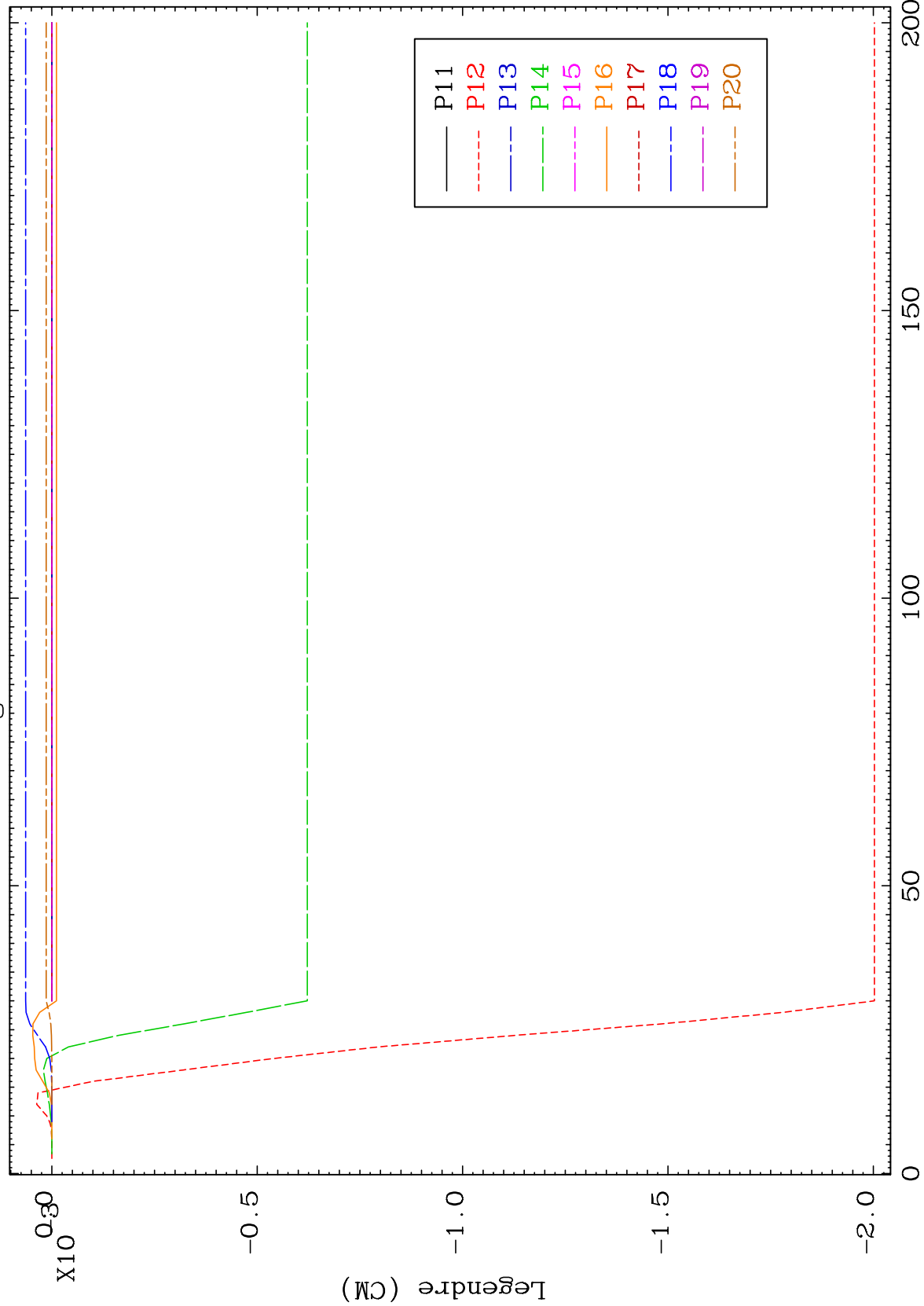
60-Nd-149



MAT 6046

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

60-Nd-149



49

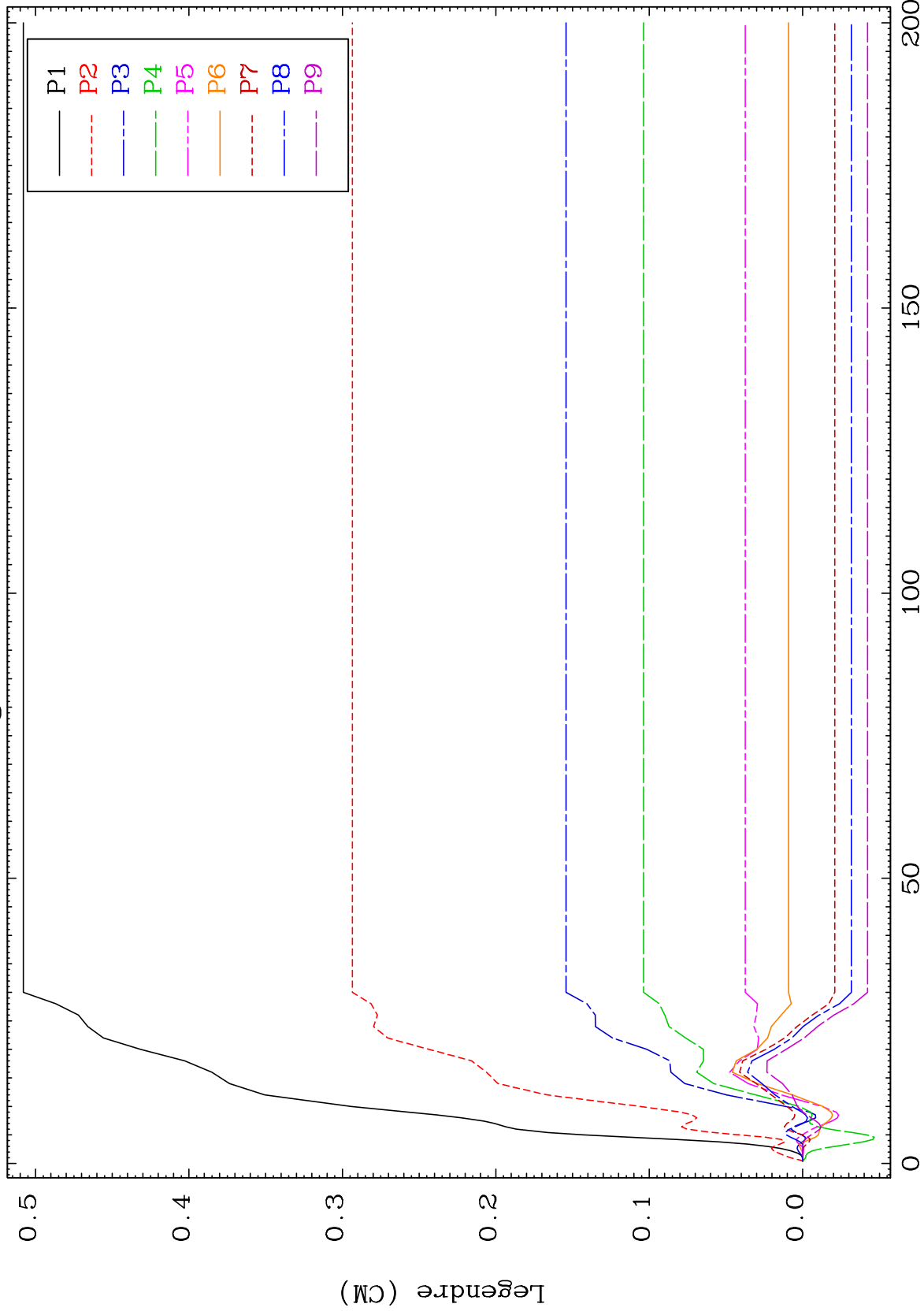
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



51

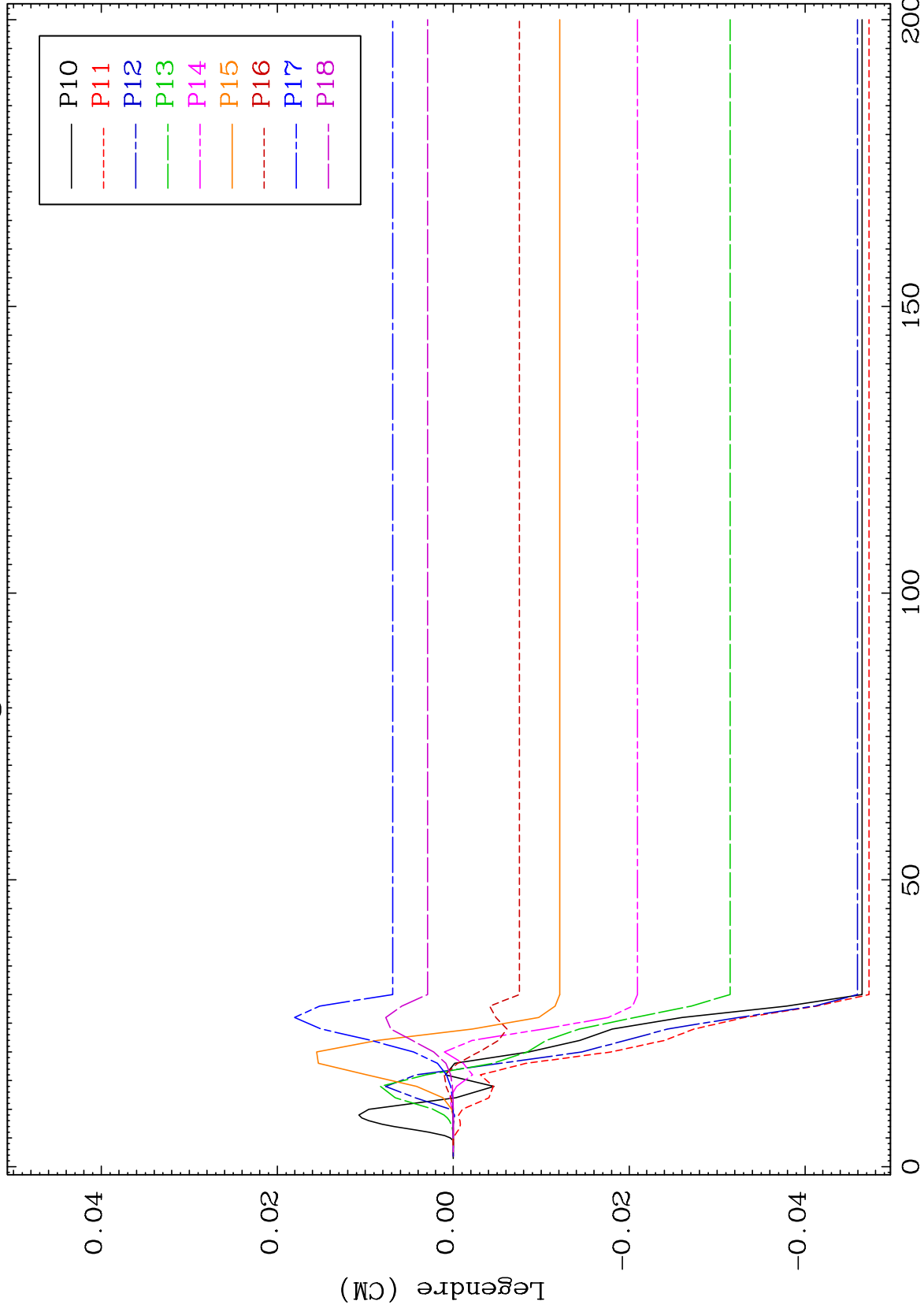
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



52

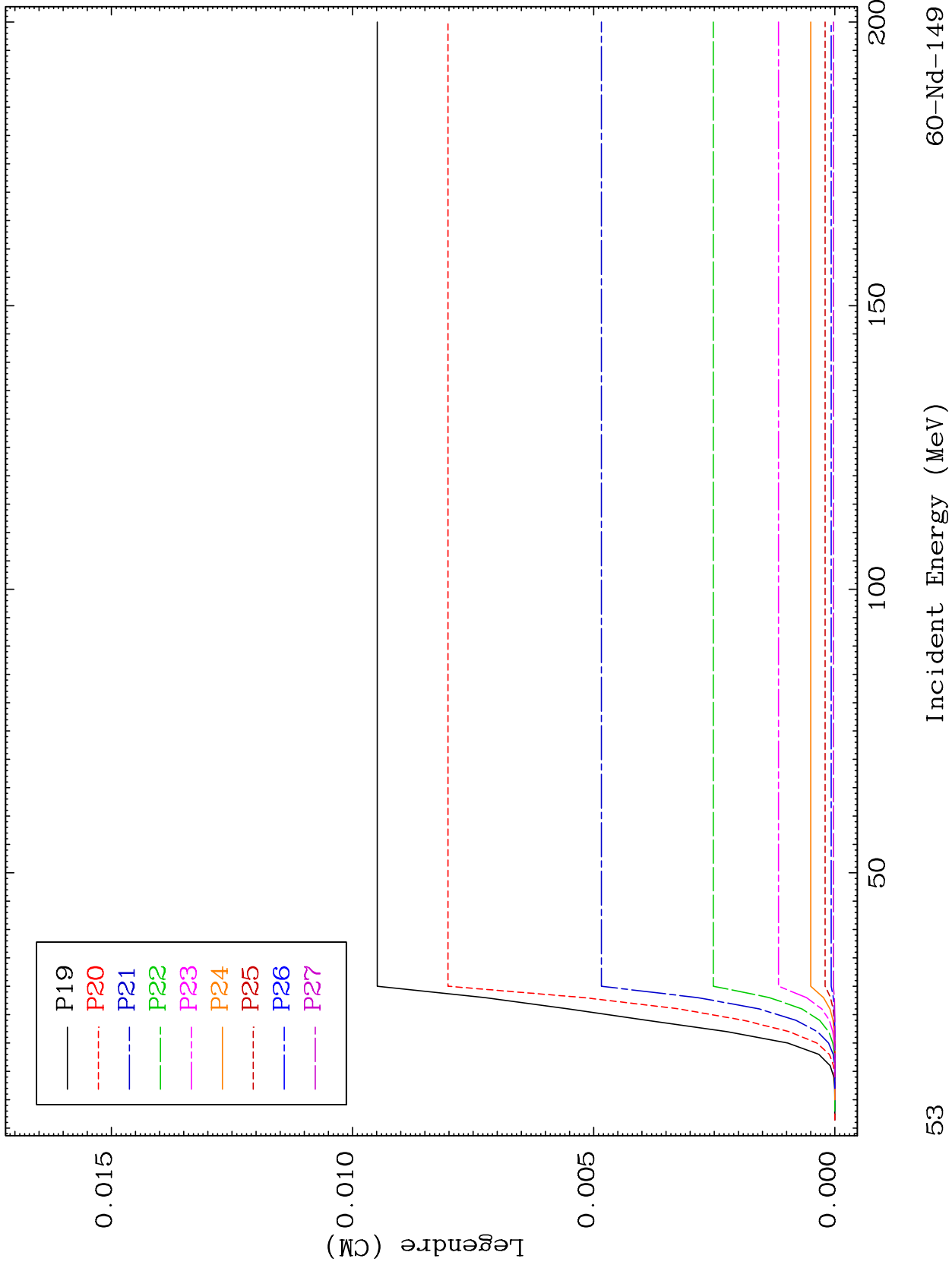
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



53

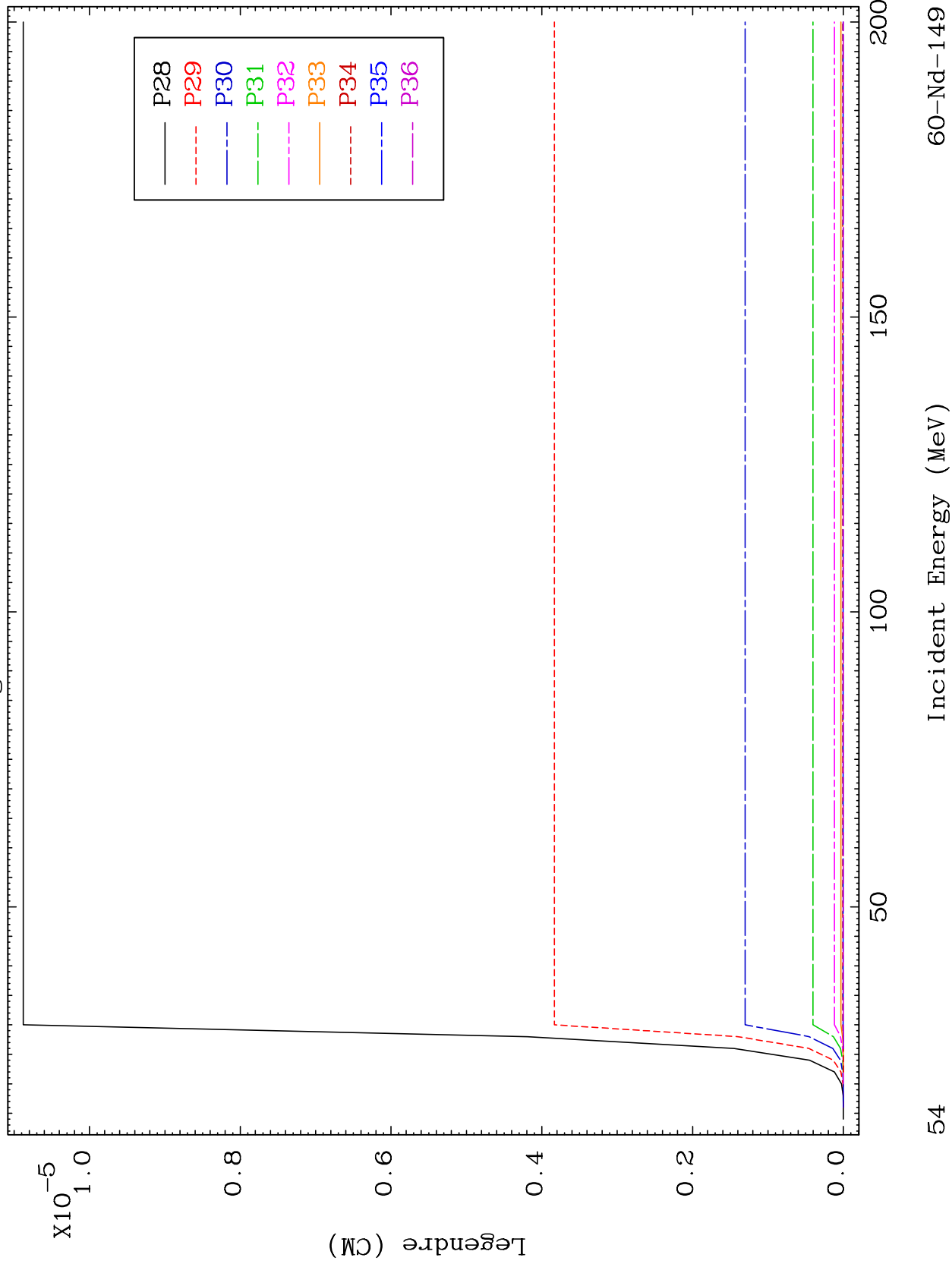
Incident Energy (MeV)

60-Nd-149

MAT 6046

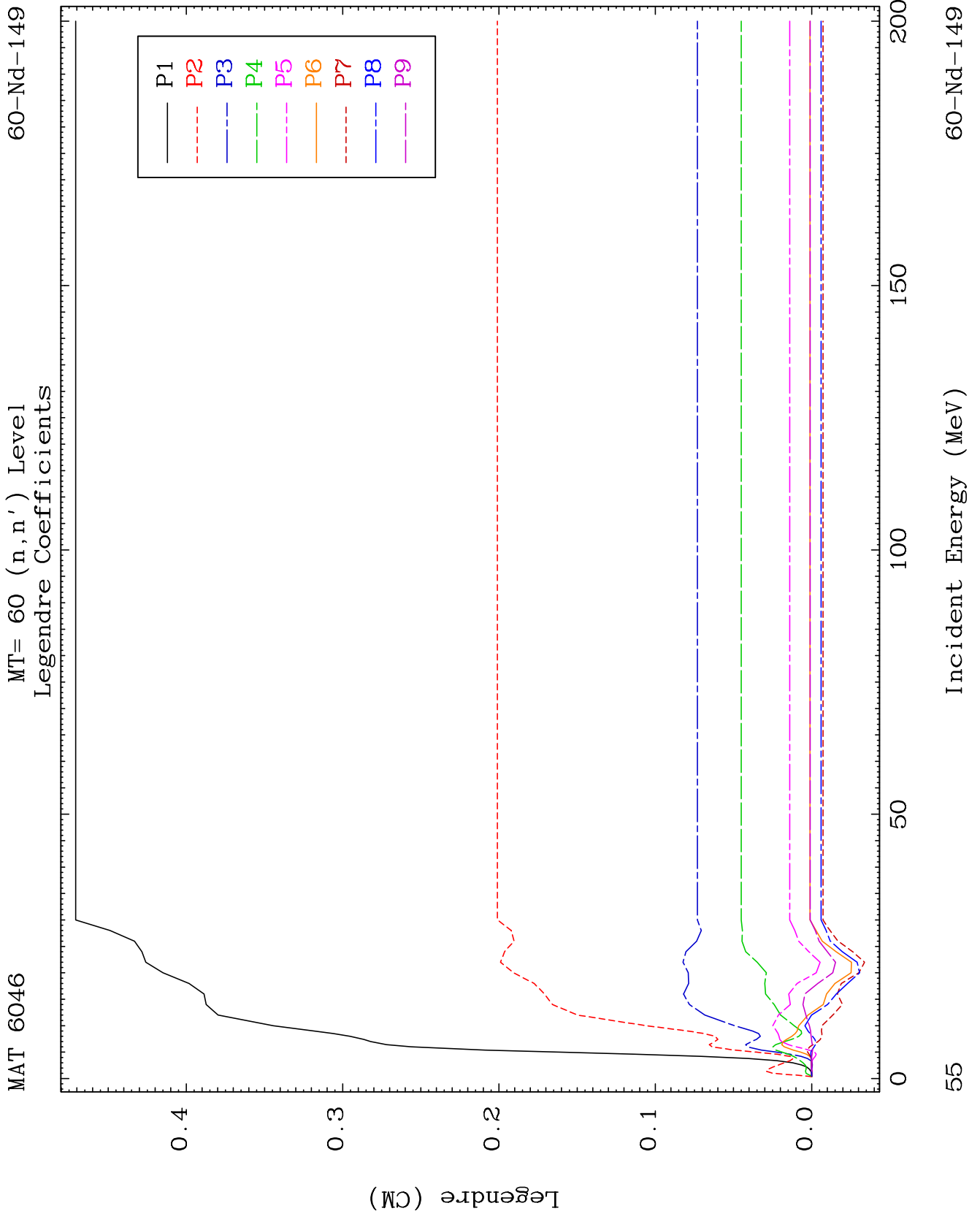
MT= 59 (n,n') Level
Legendre Coefficients

60-Nd-149



54

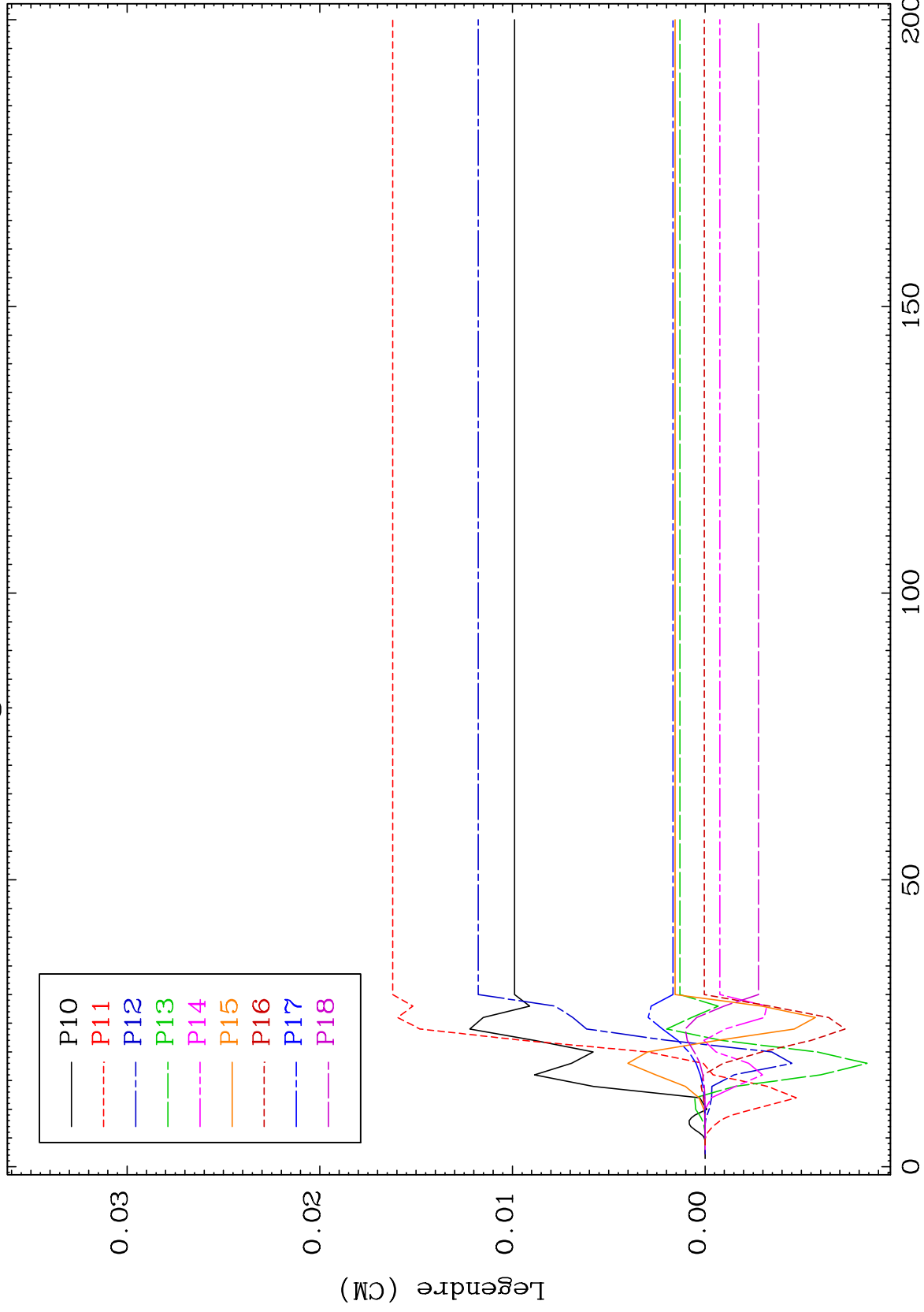
60-Nd-149



MAT 6046

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

60-Nd-149



56

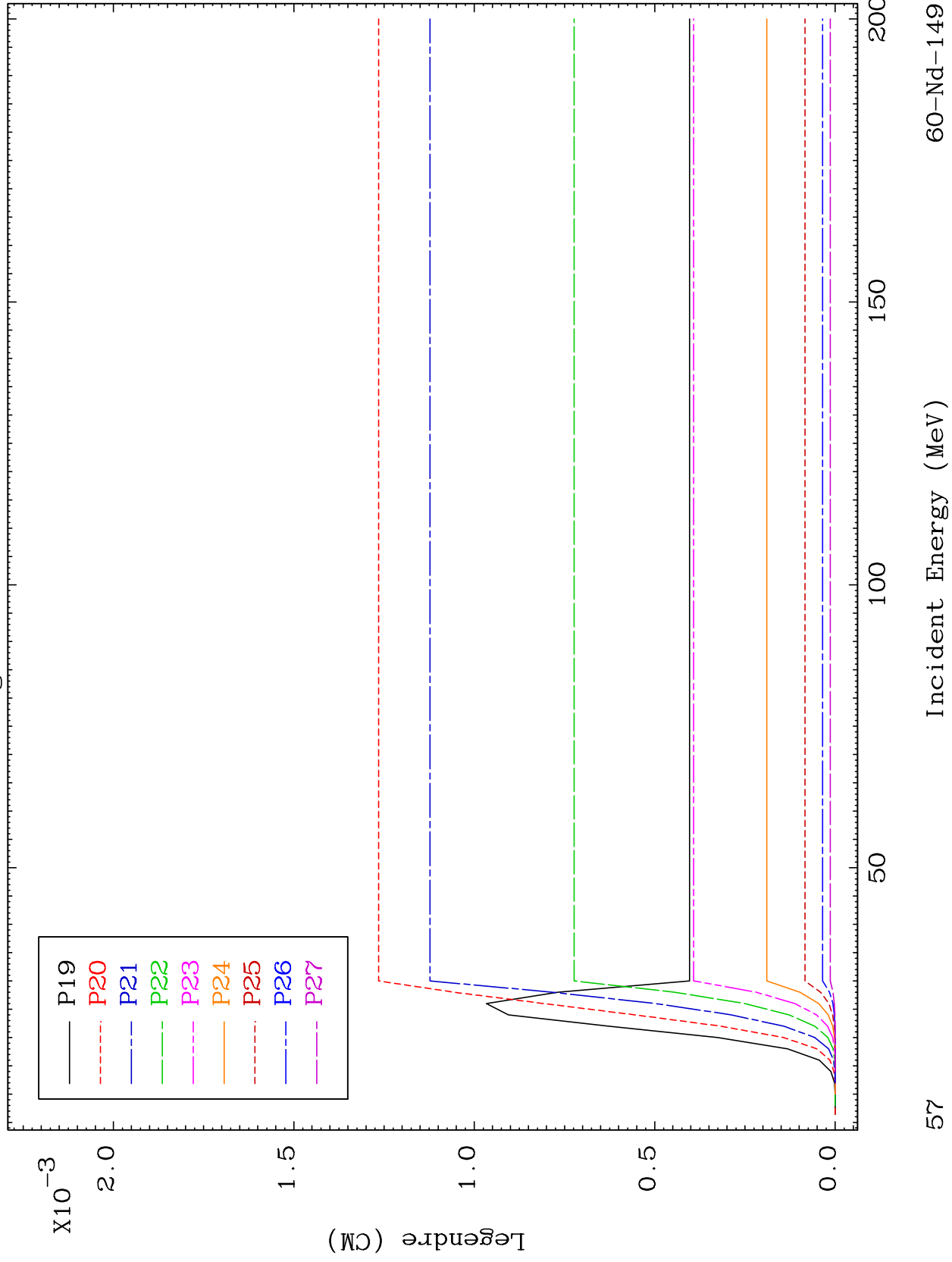
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

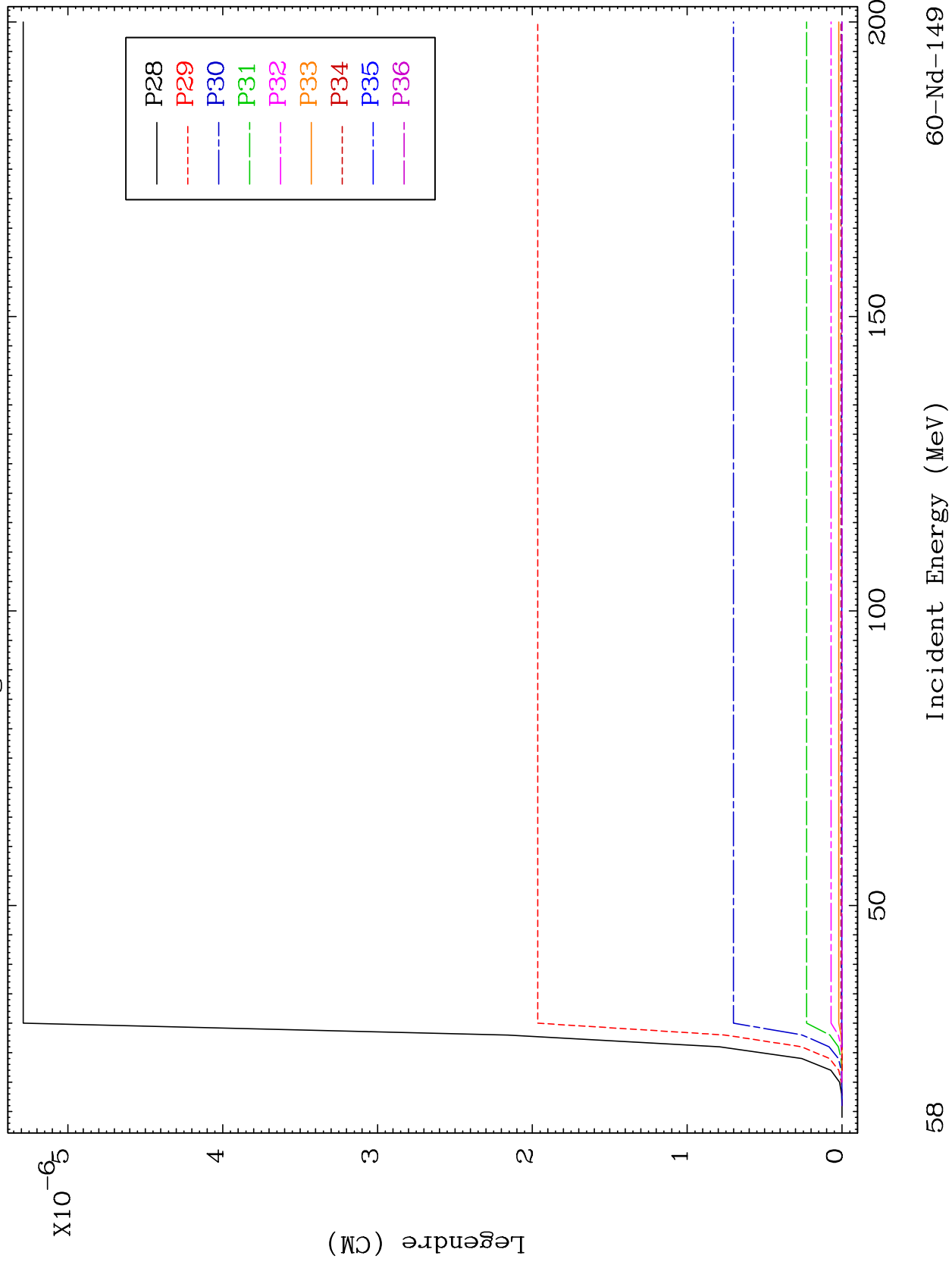
60-Nd-149



MAT 6046

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

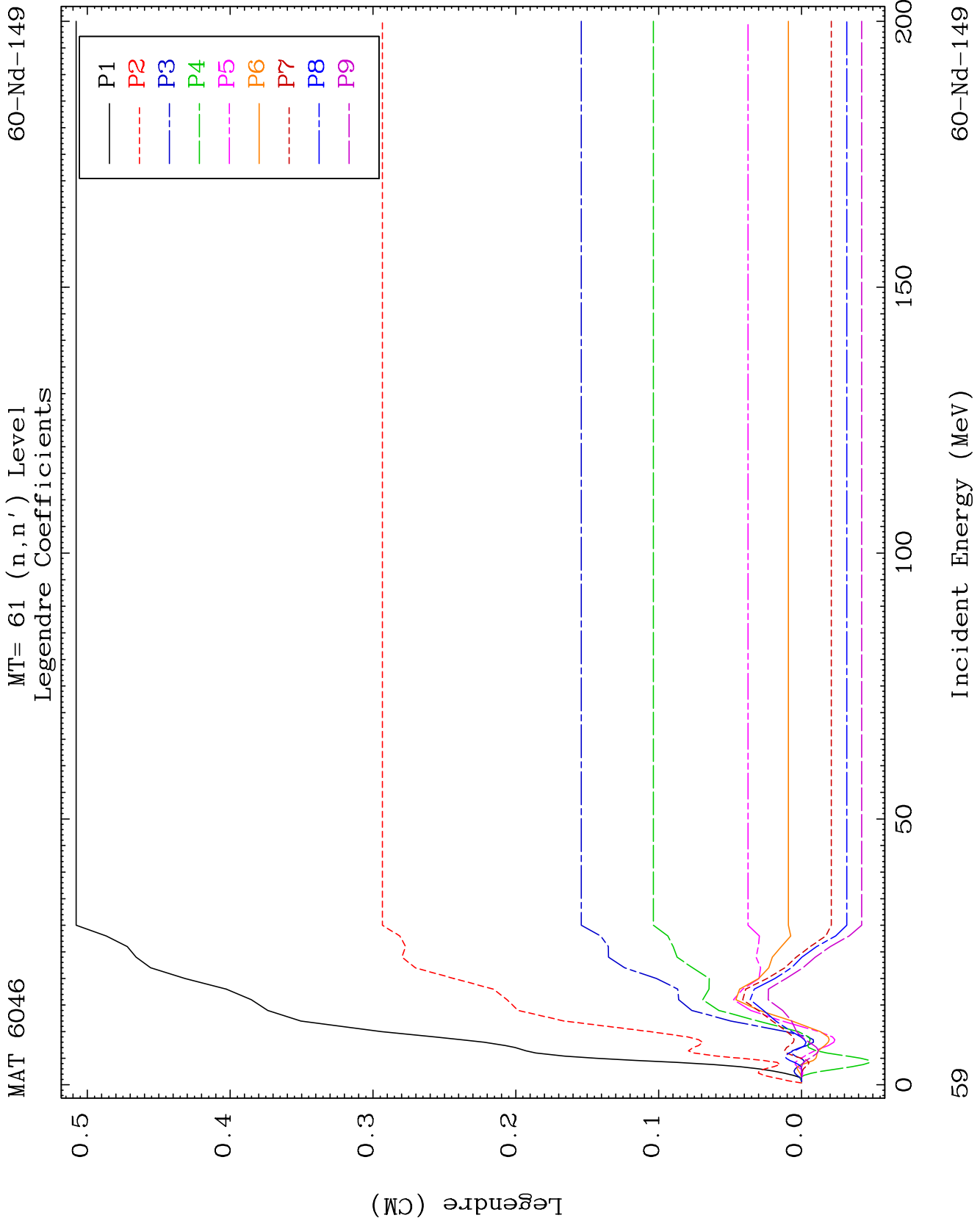
60-Nd-149

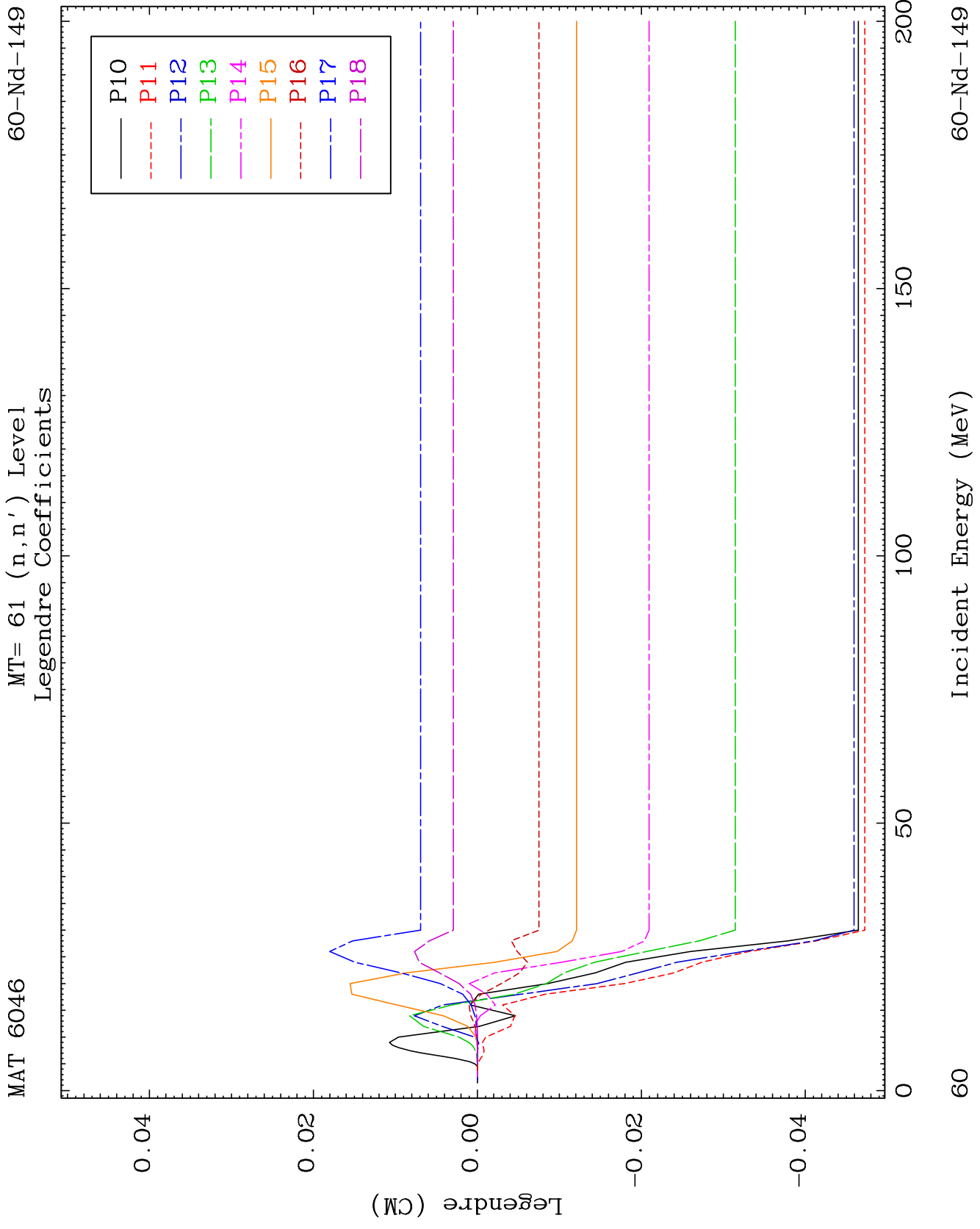


58

Incident Energy (MeV)

60-Nd-149

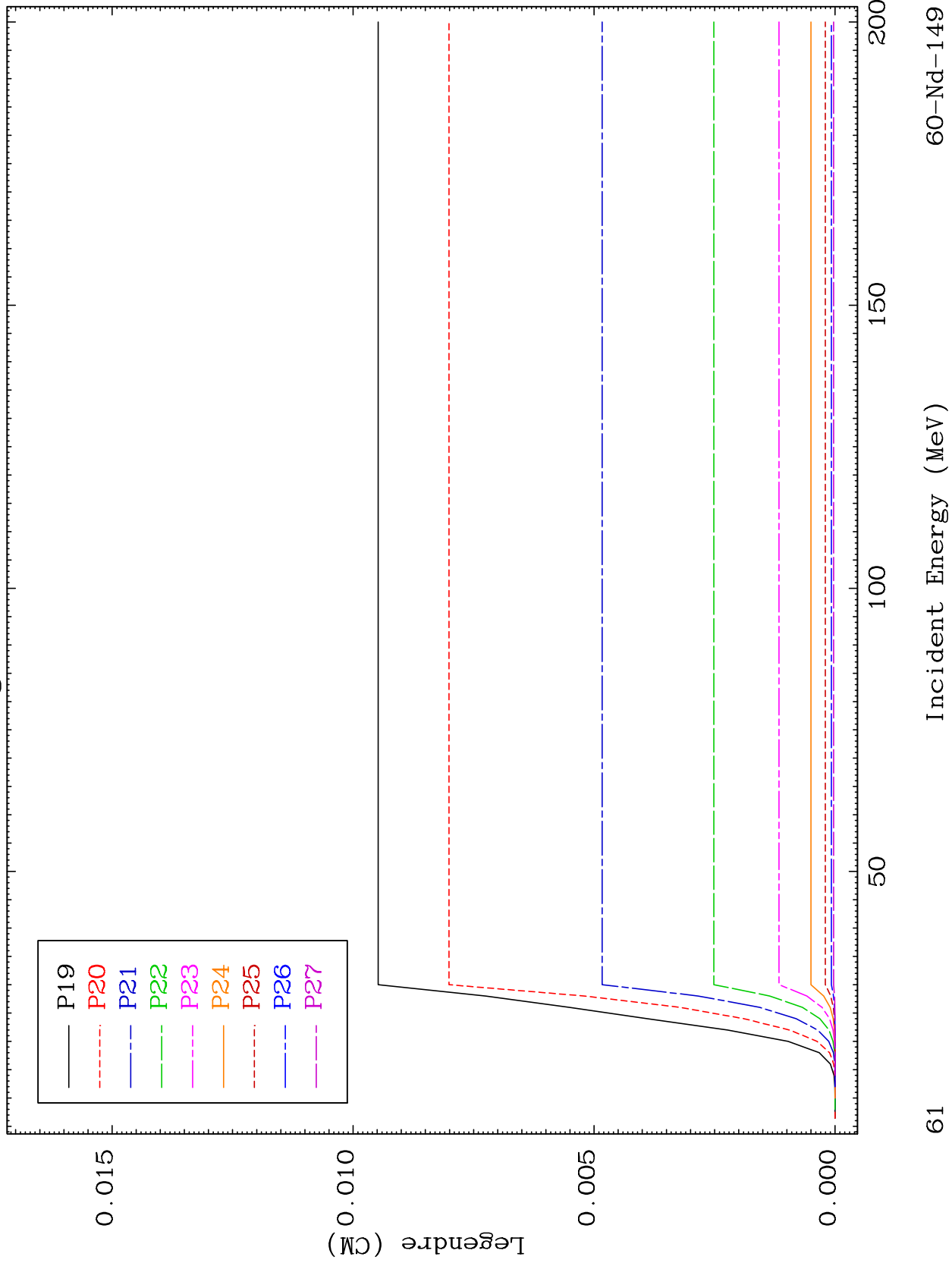




MAT 6046

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

60-Nd-149



61

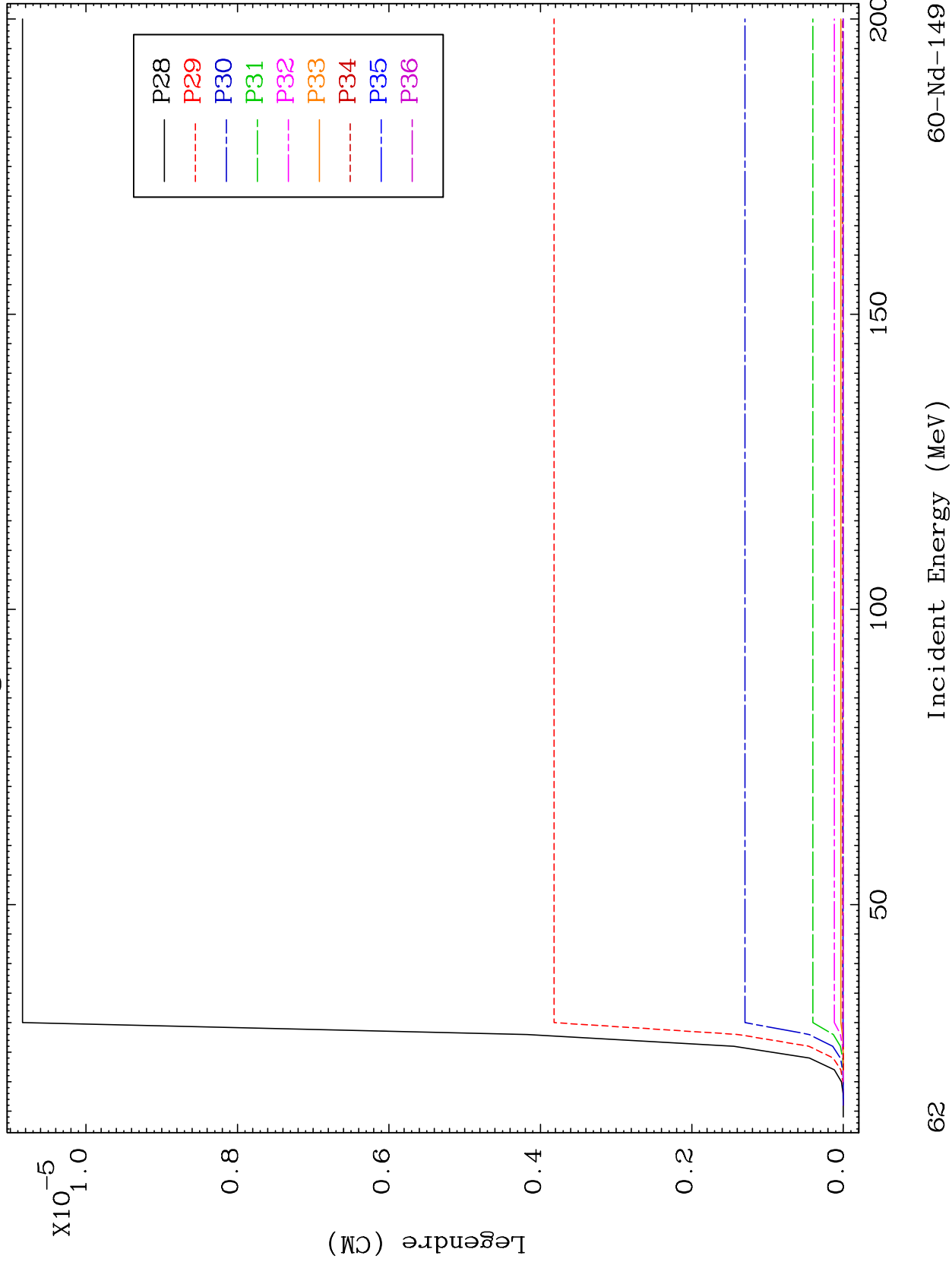
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149

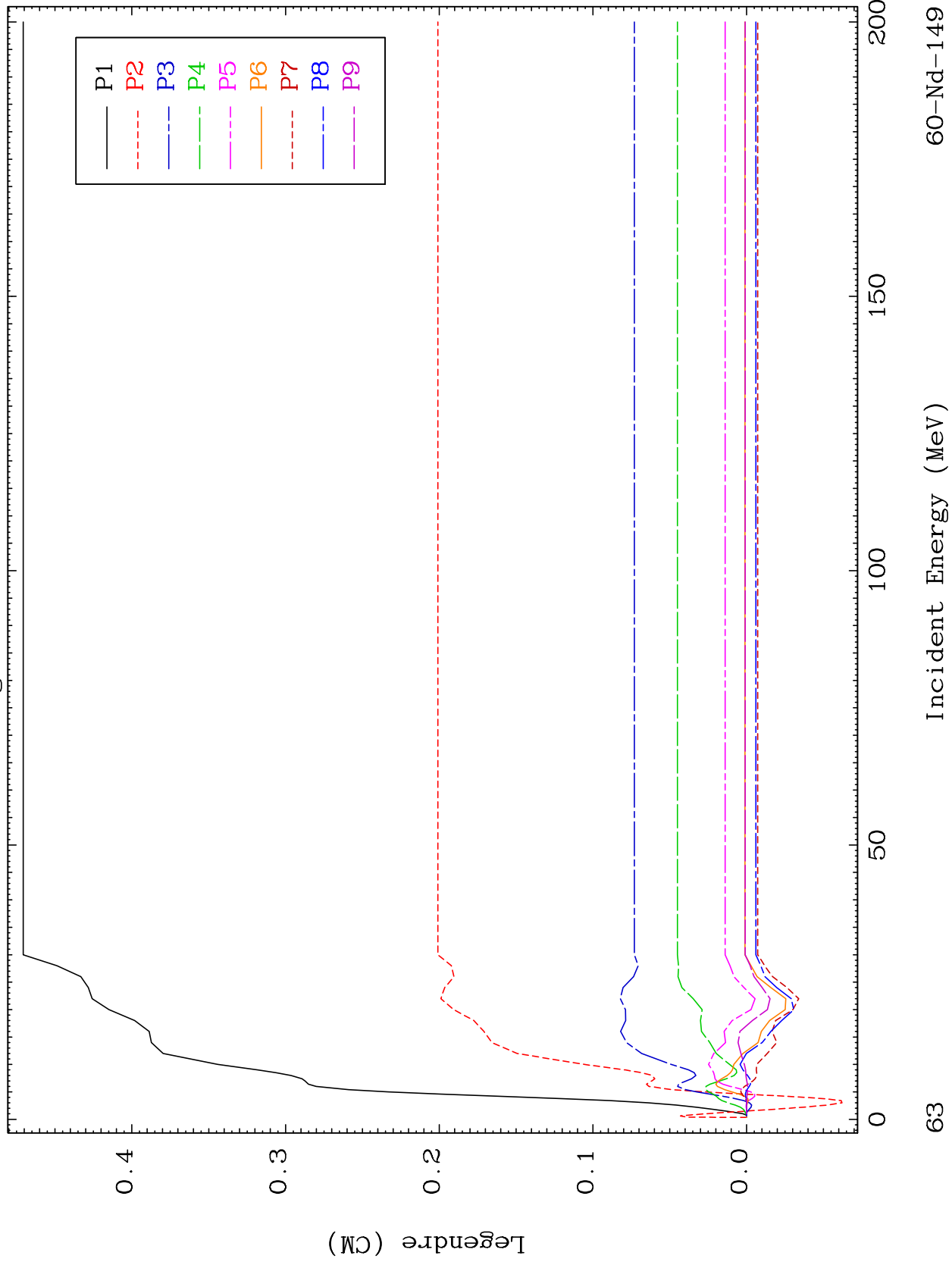


62

MAT 6046

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

60-Nd-149



60-Nd-149

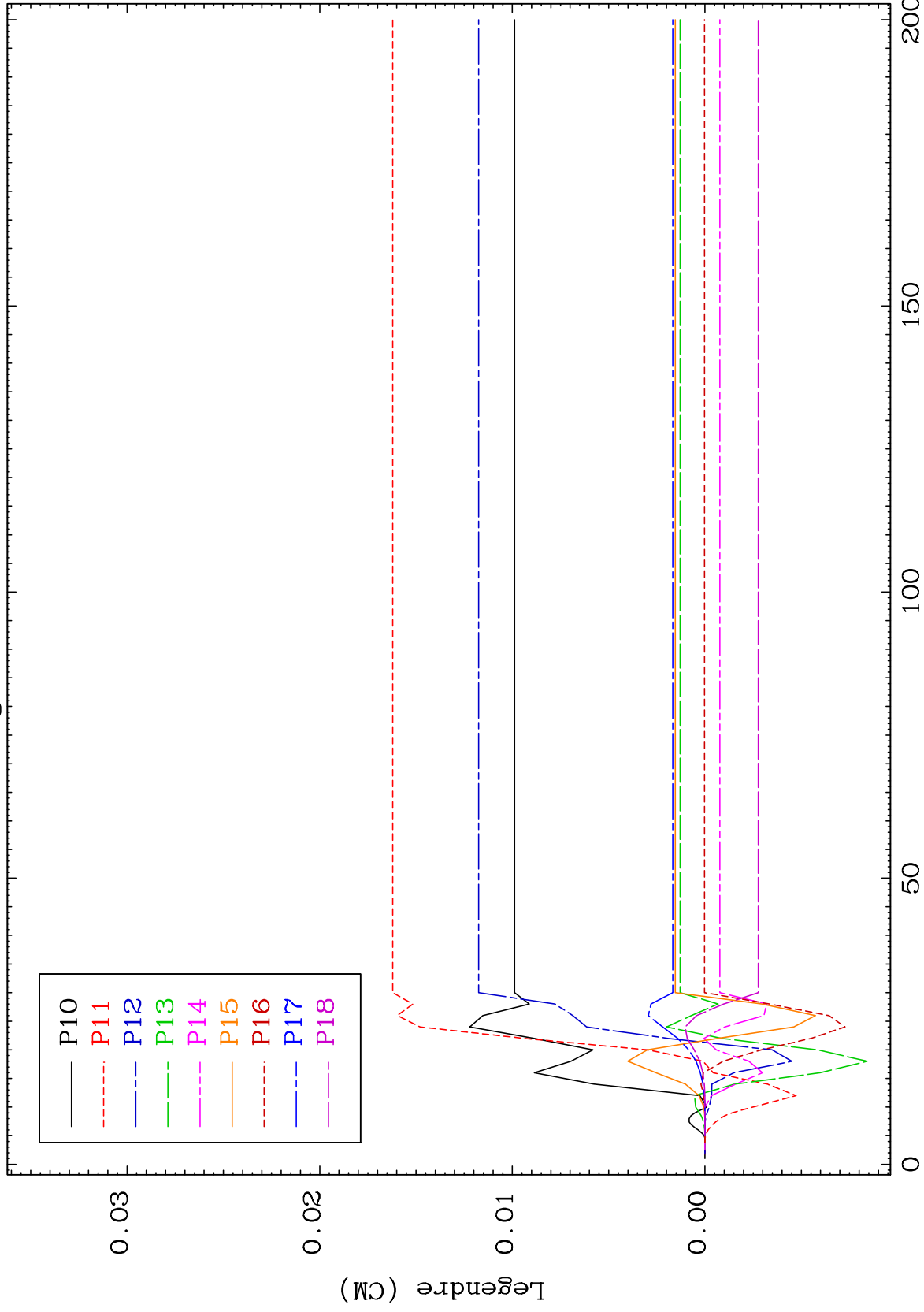
Incident Energy (MeV)

63

MAT 6046

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

60-Nd-149



64

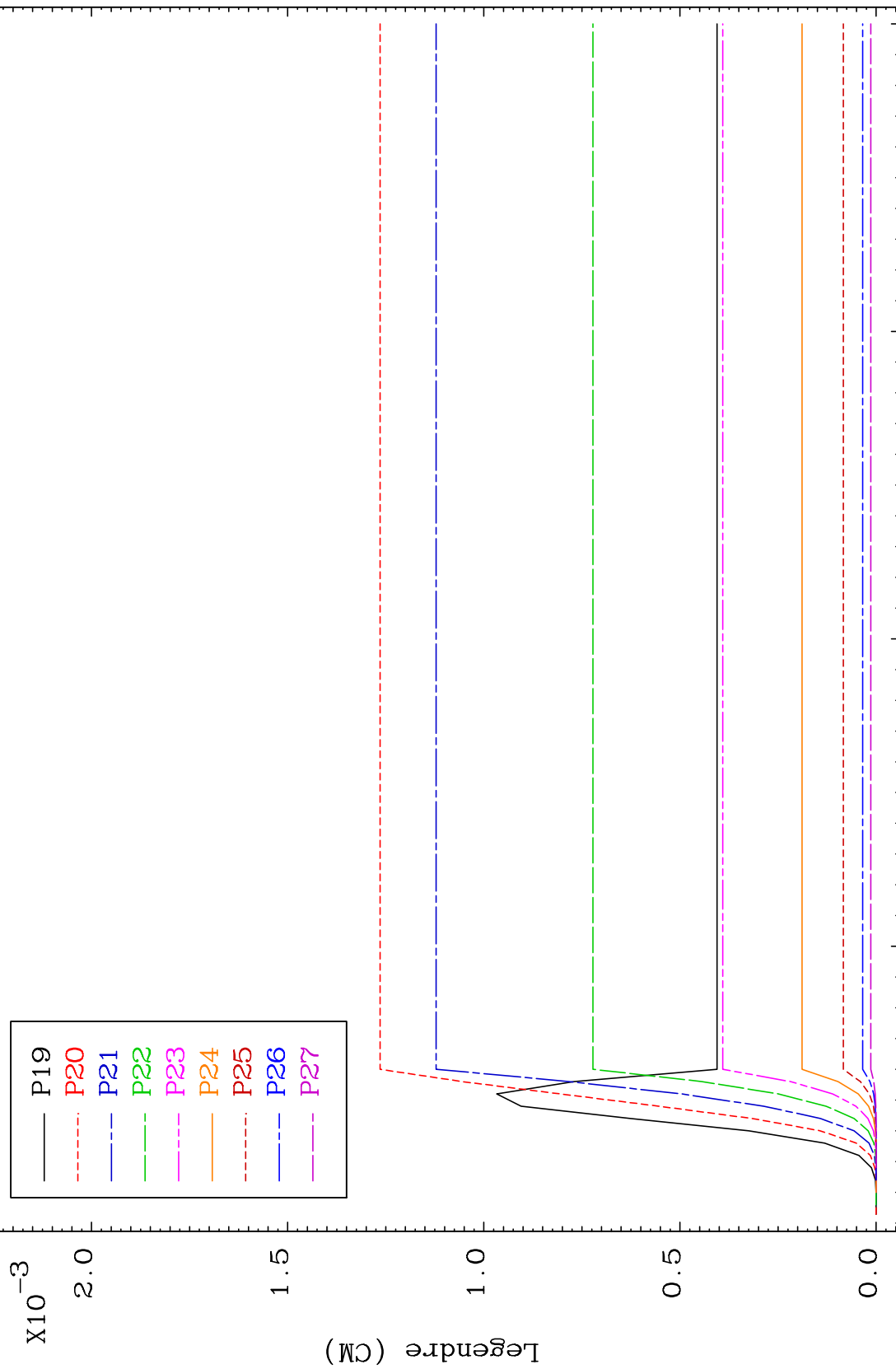
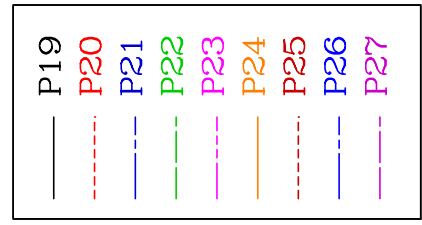
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



65

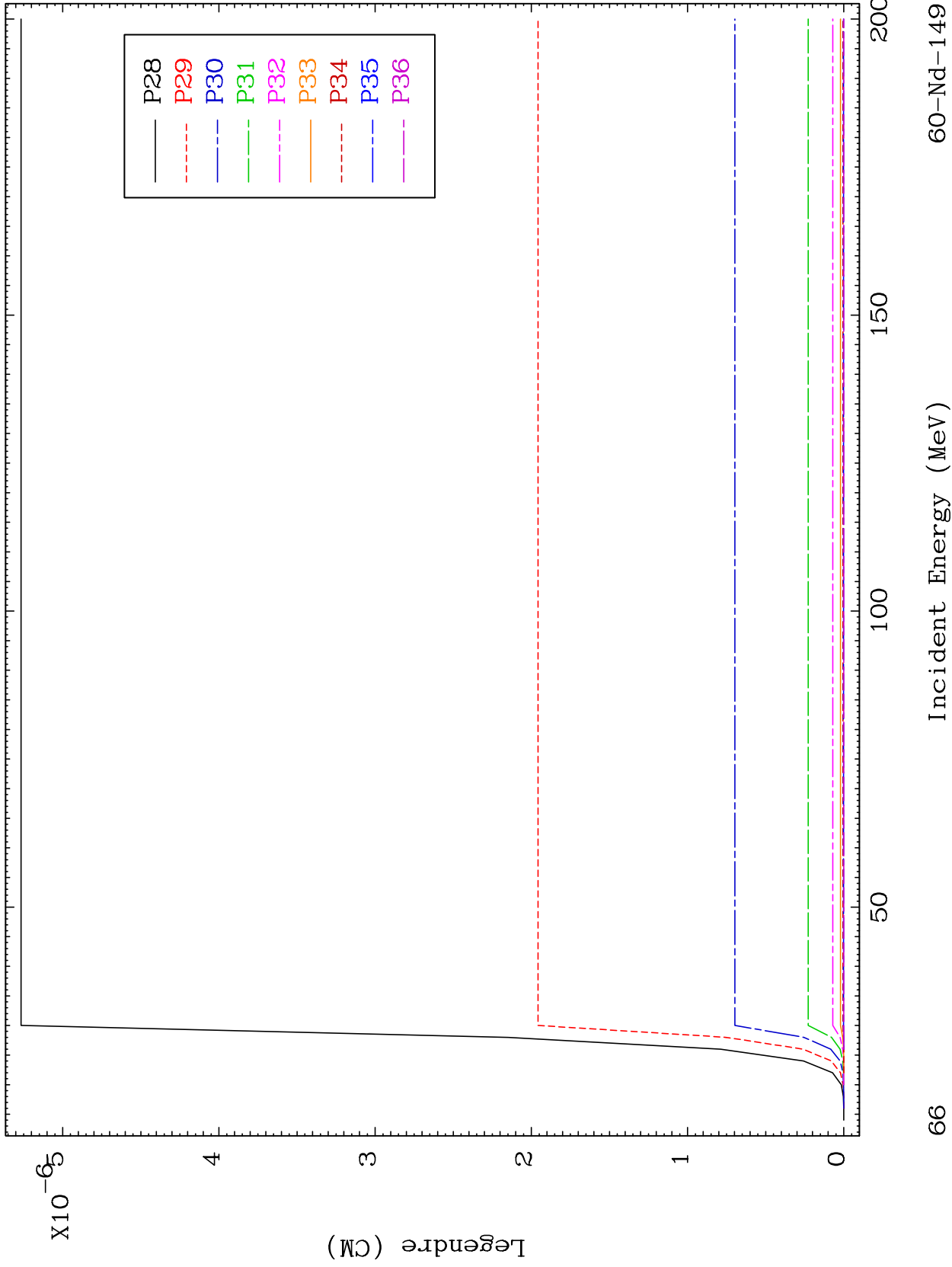
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

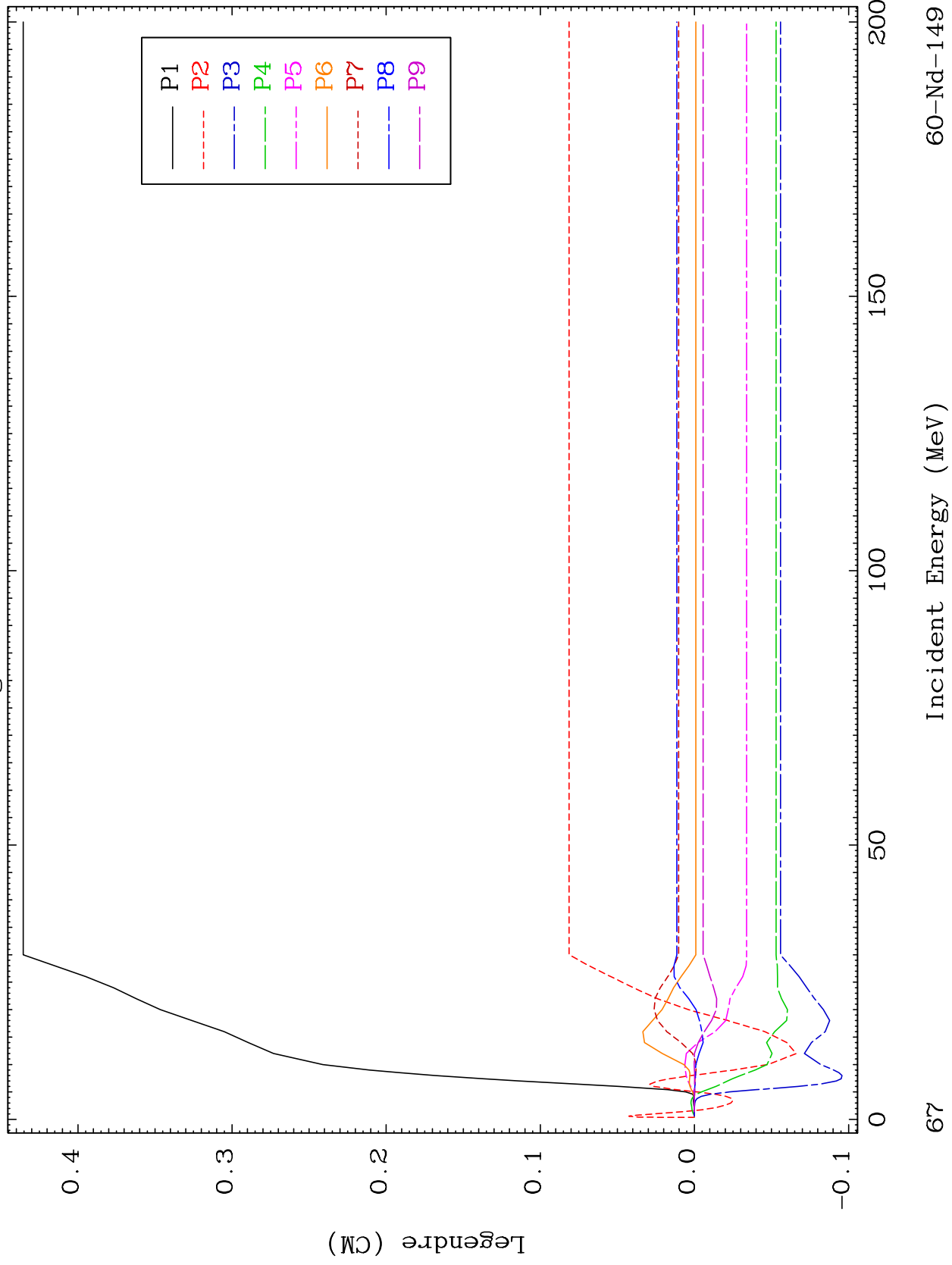
60-Nd-149



MAT 6046

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

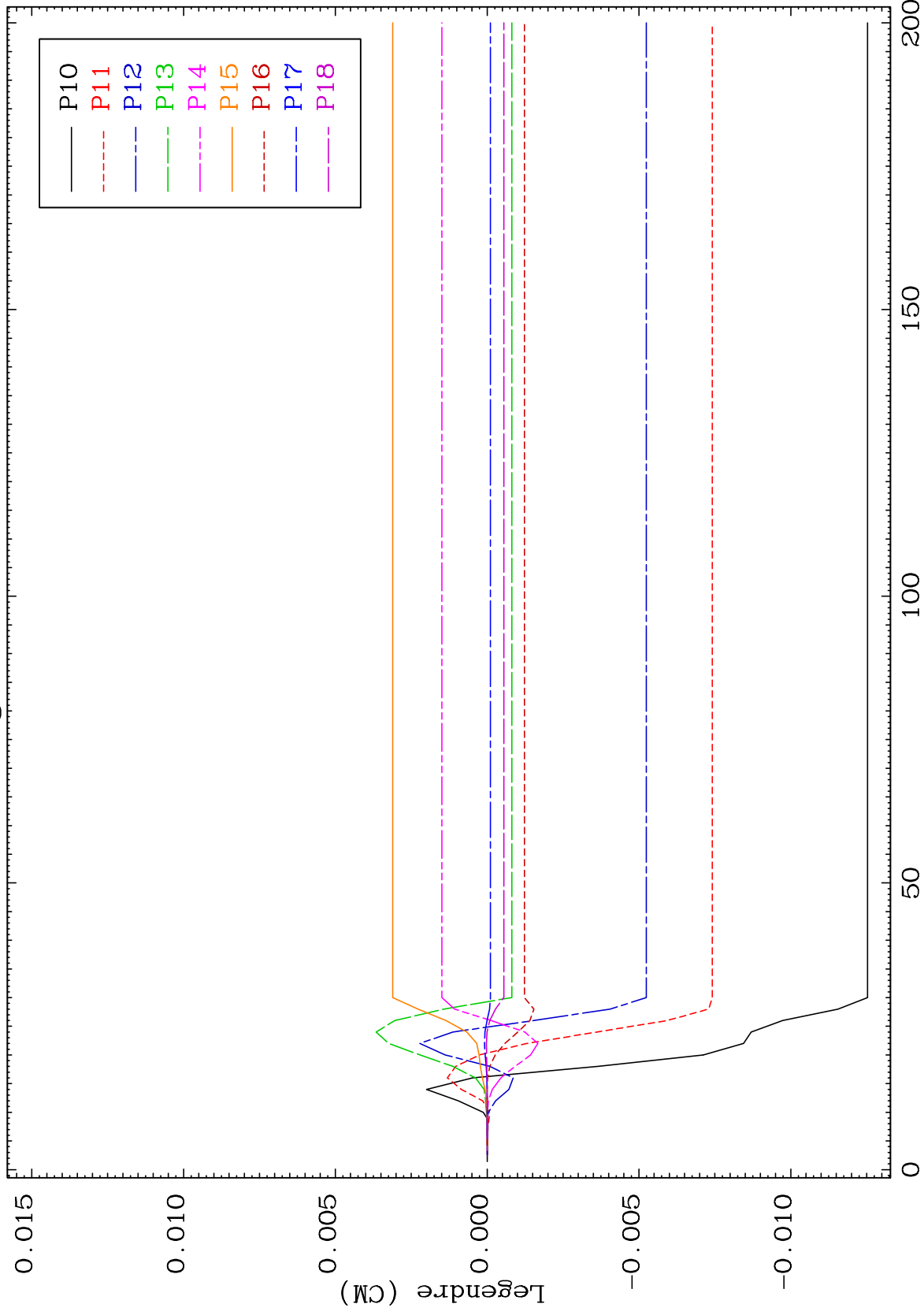
60-Nd-149



MAT 6046

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

60-Nd-149



68

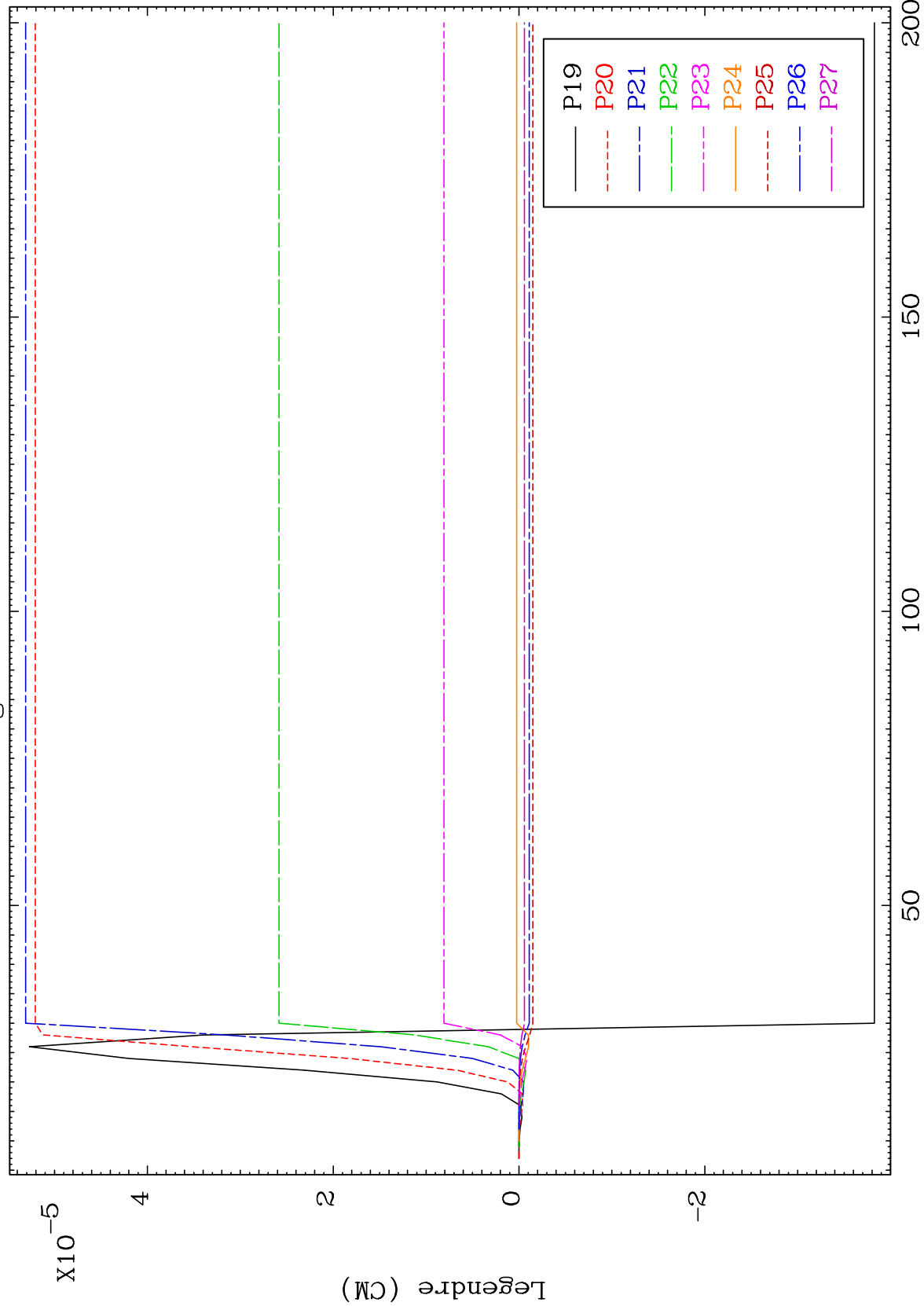
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

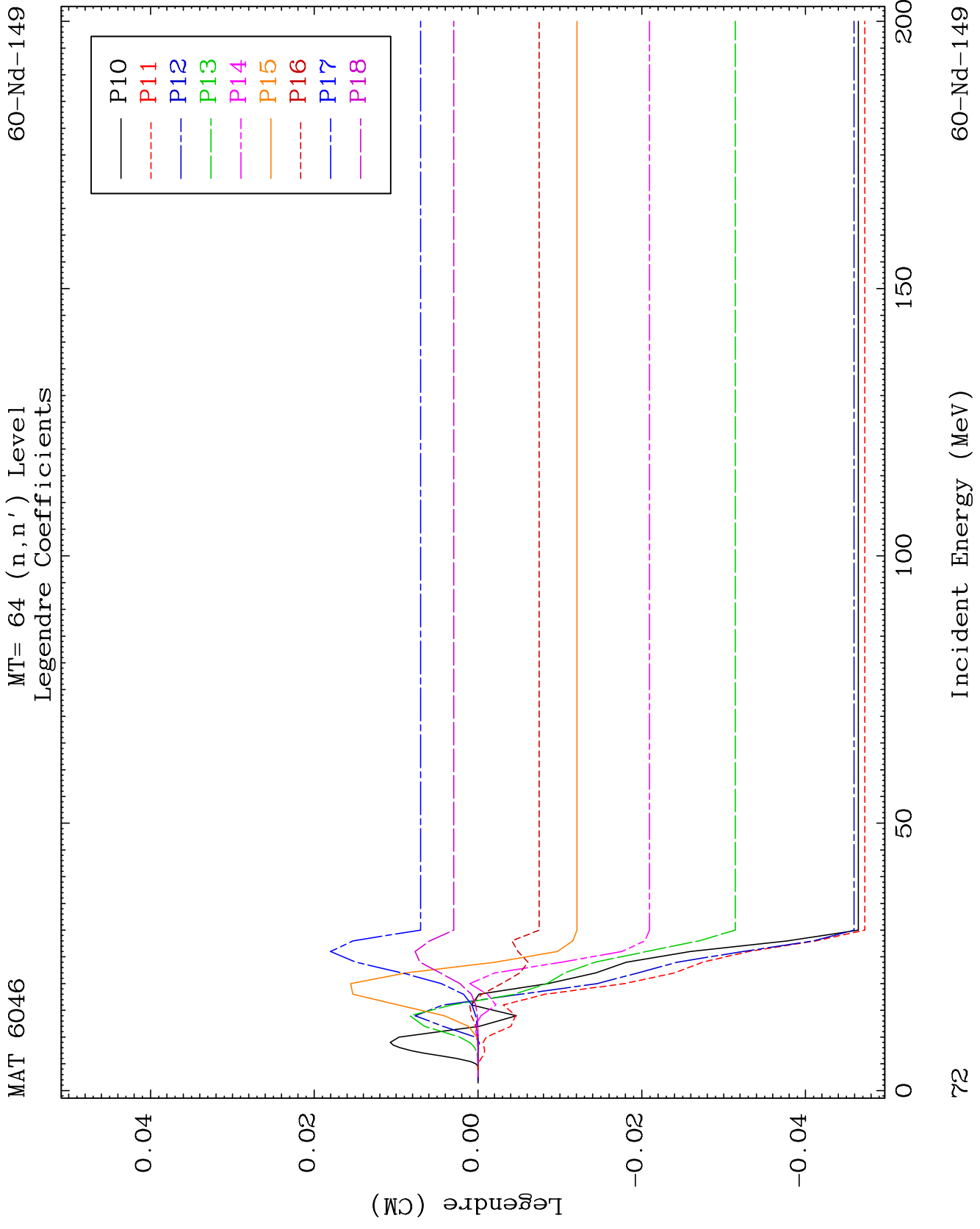
60-Nd-149



69

Incident Energy (MeV)

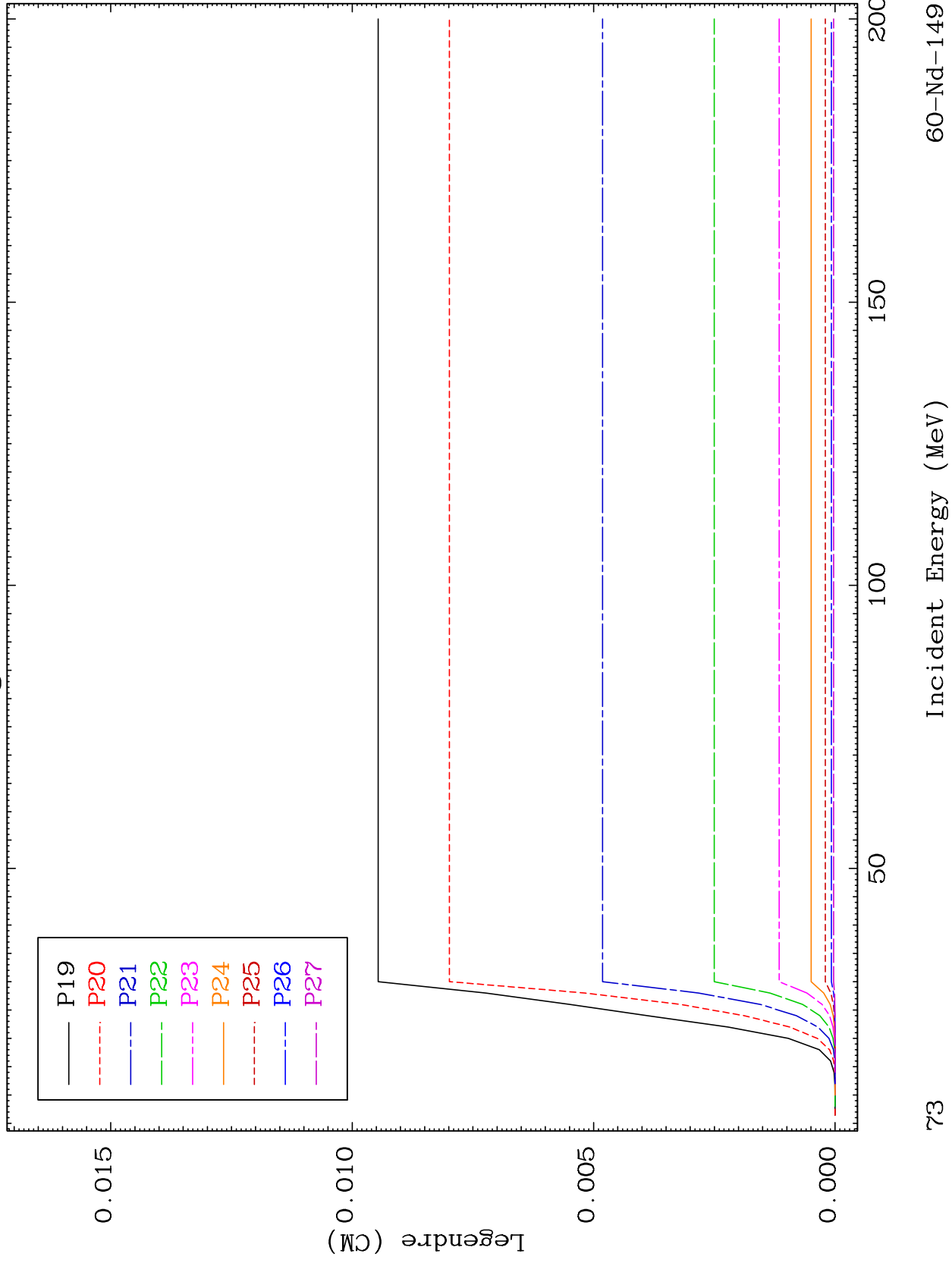
60-Nd-149



MAT 6046

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

60-Nd-149



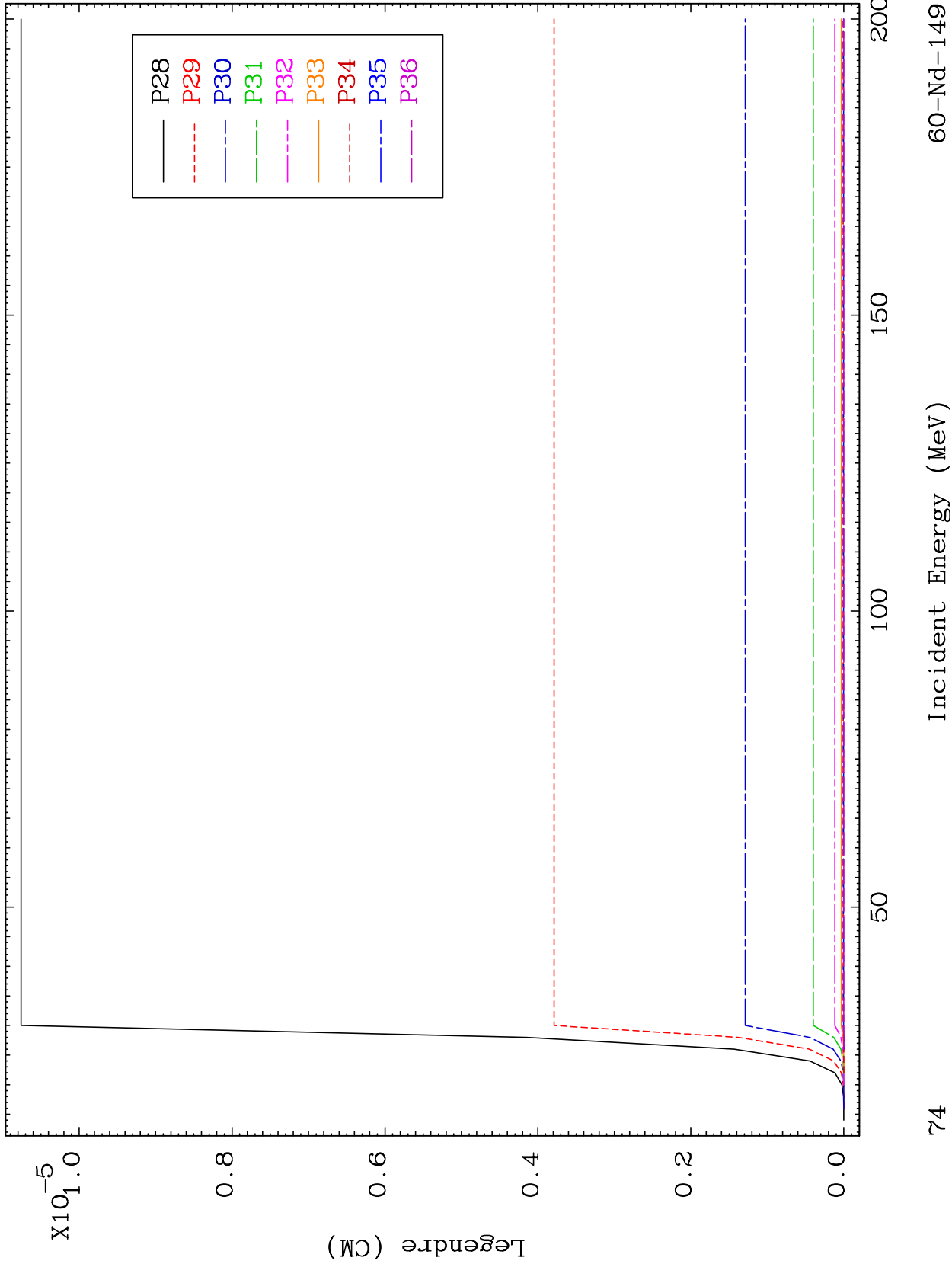
73

60-Nd-149

MAT 6046

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

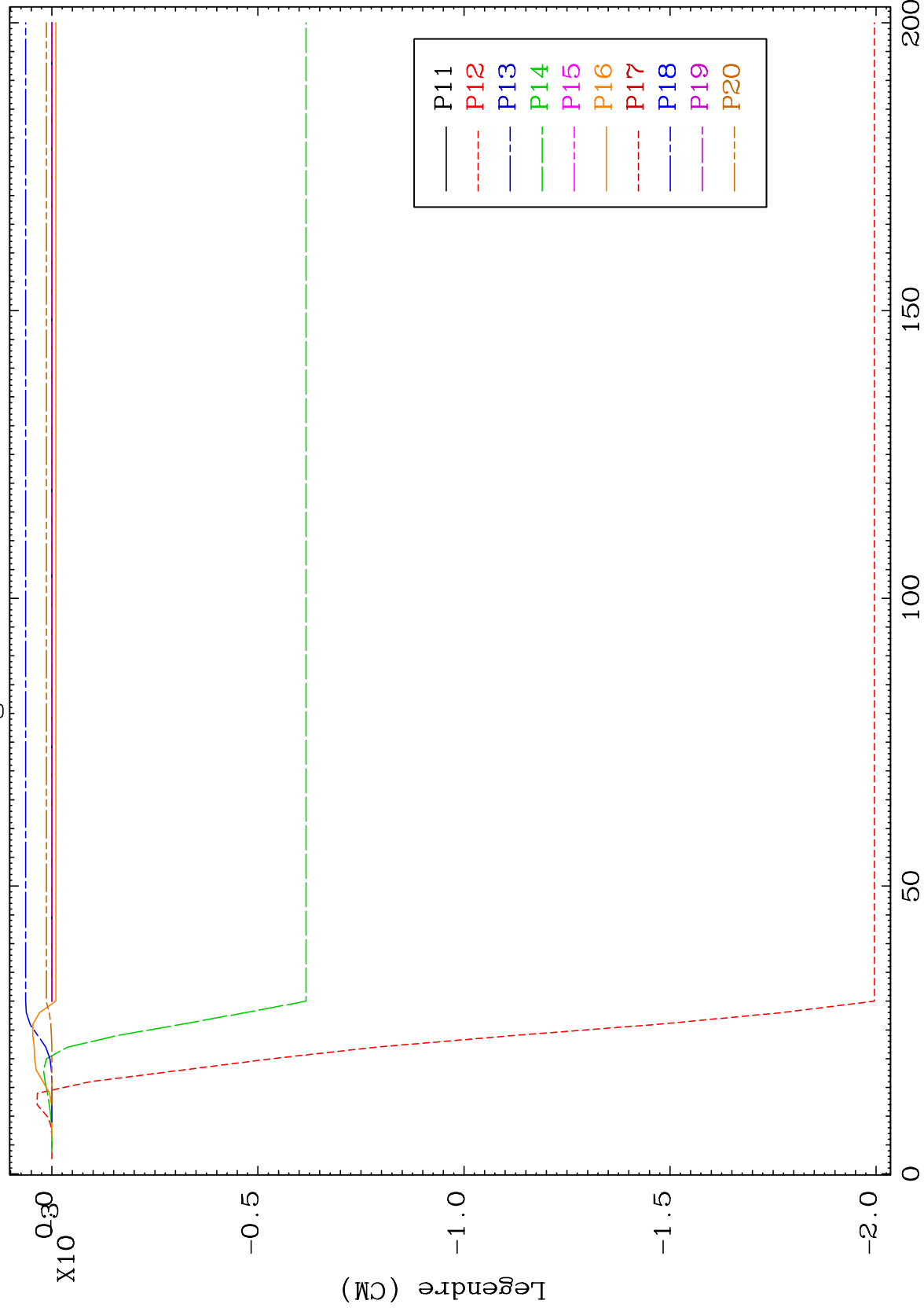
60-Nd-149



MAT 6046

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

60-Nd-149



76

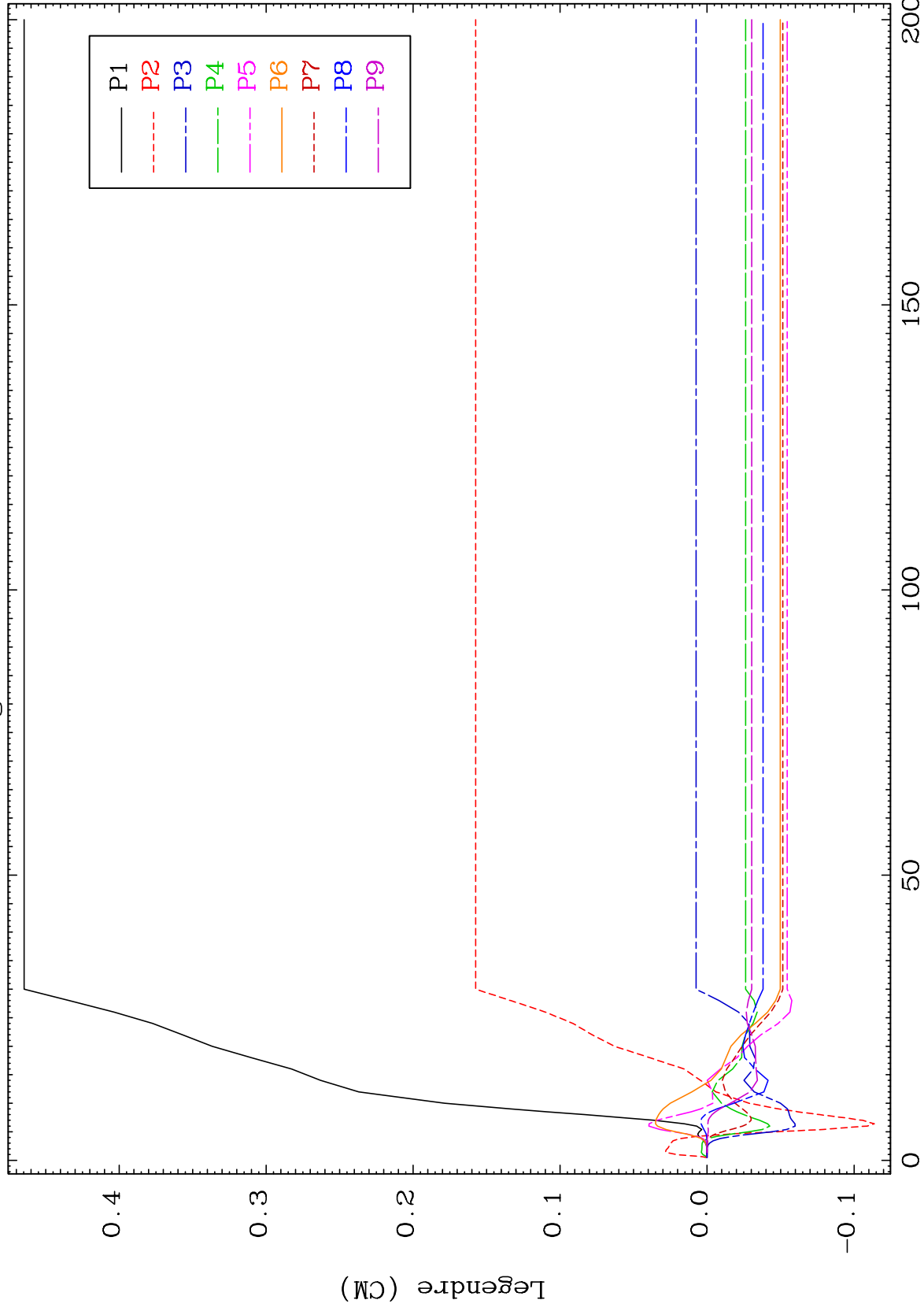
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



78

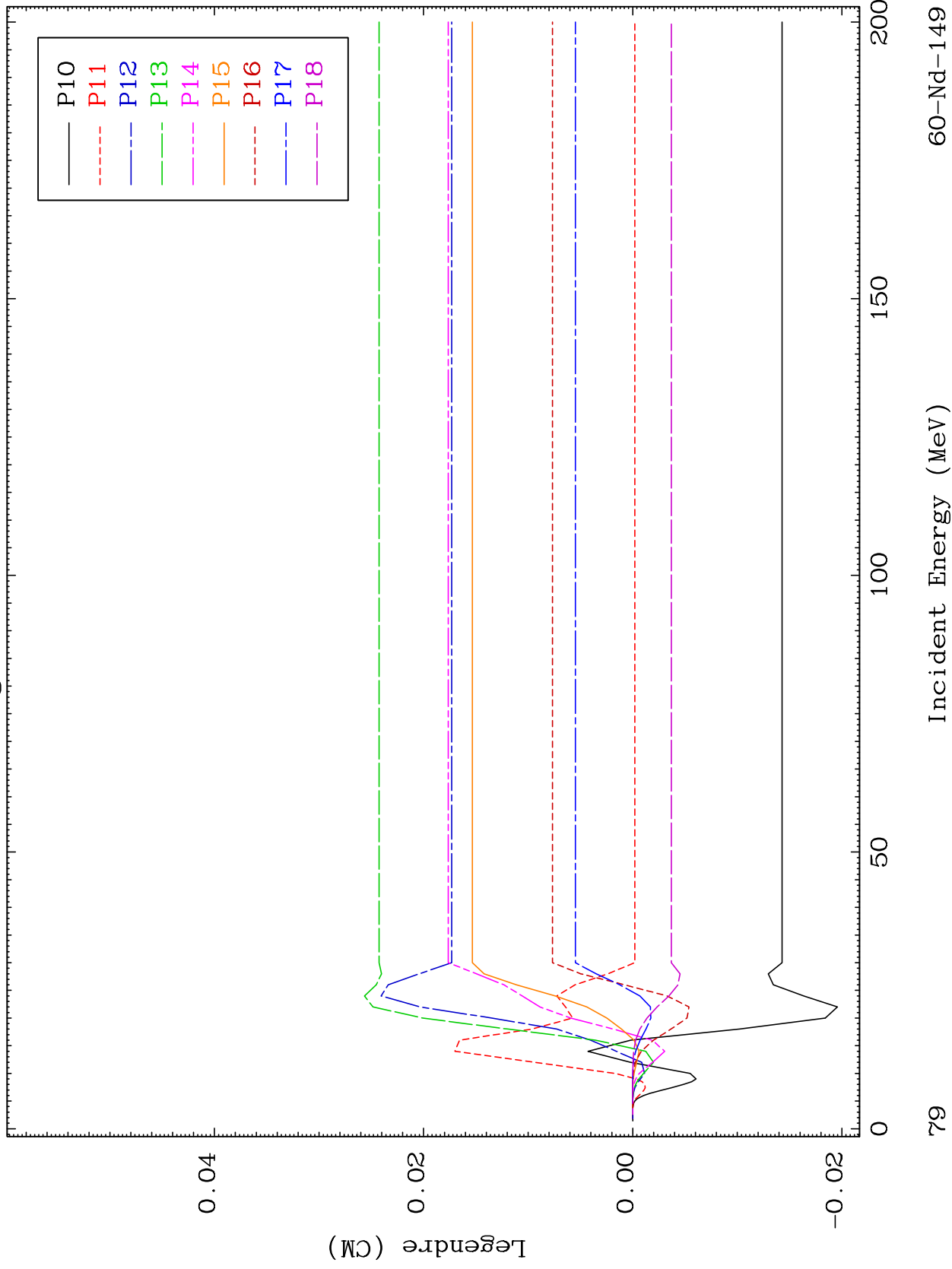
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

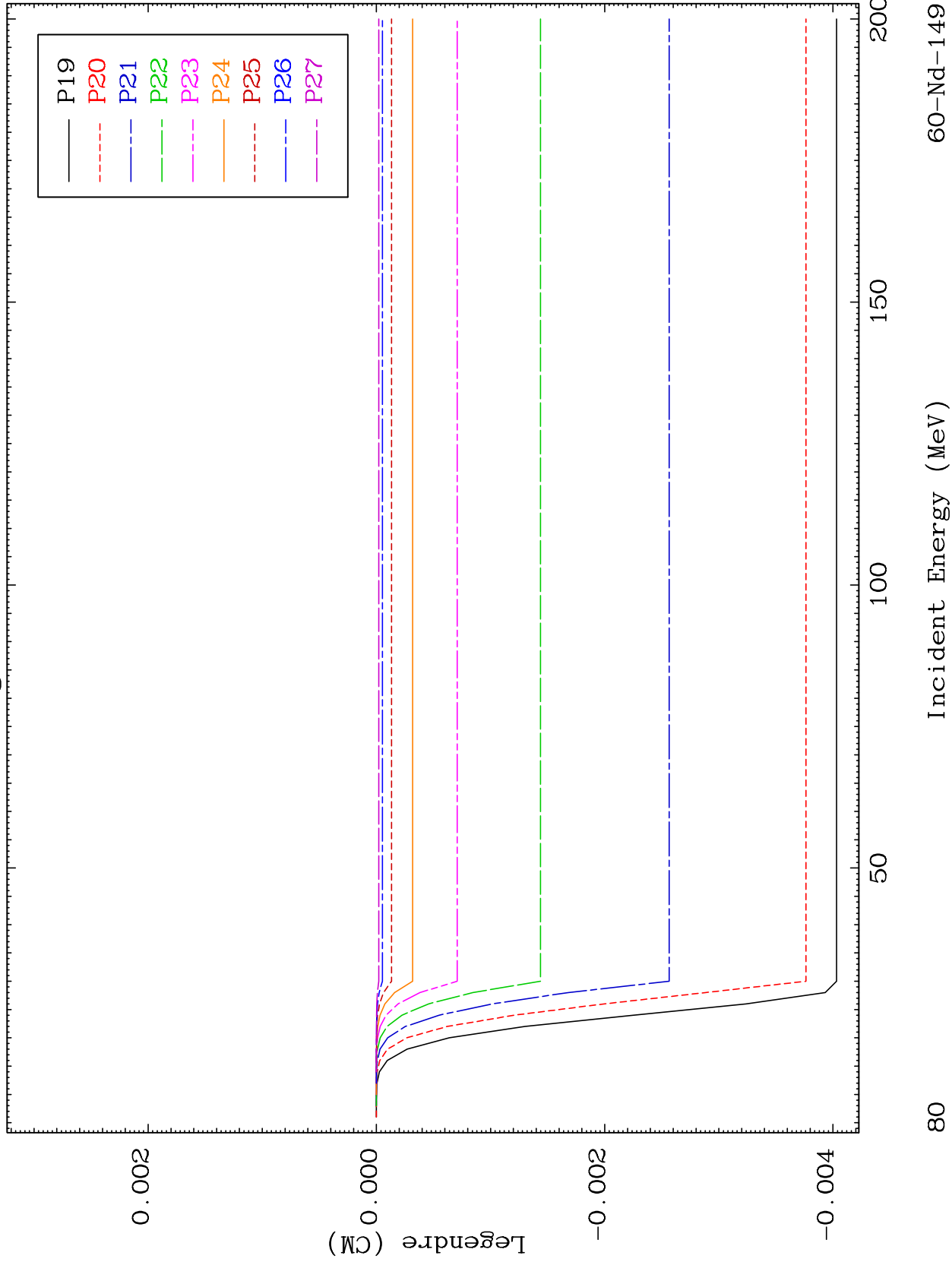
60-Nd-149

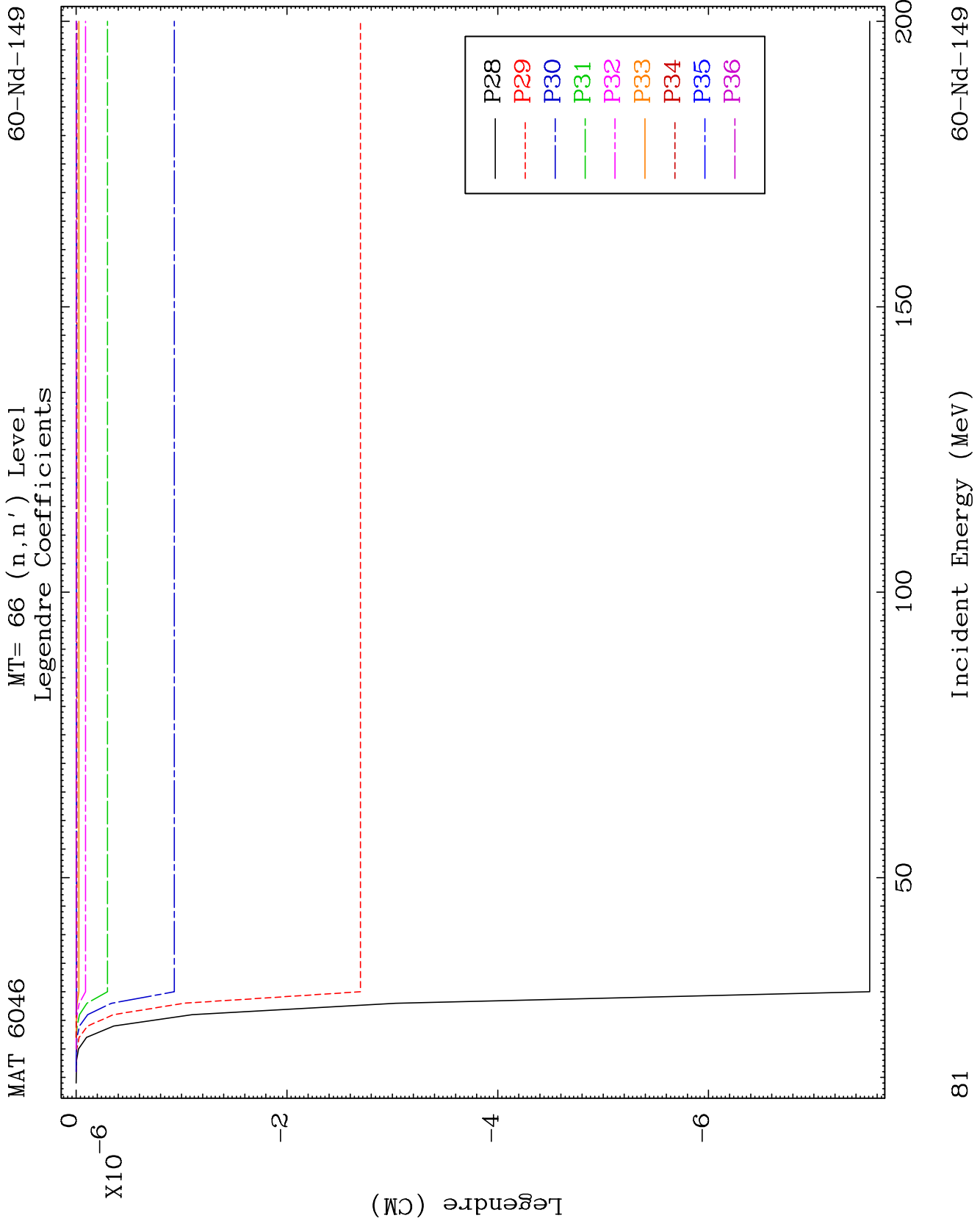


MAT 6046

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

60-Nd-149

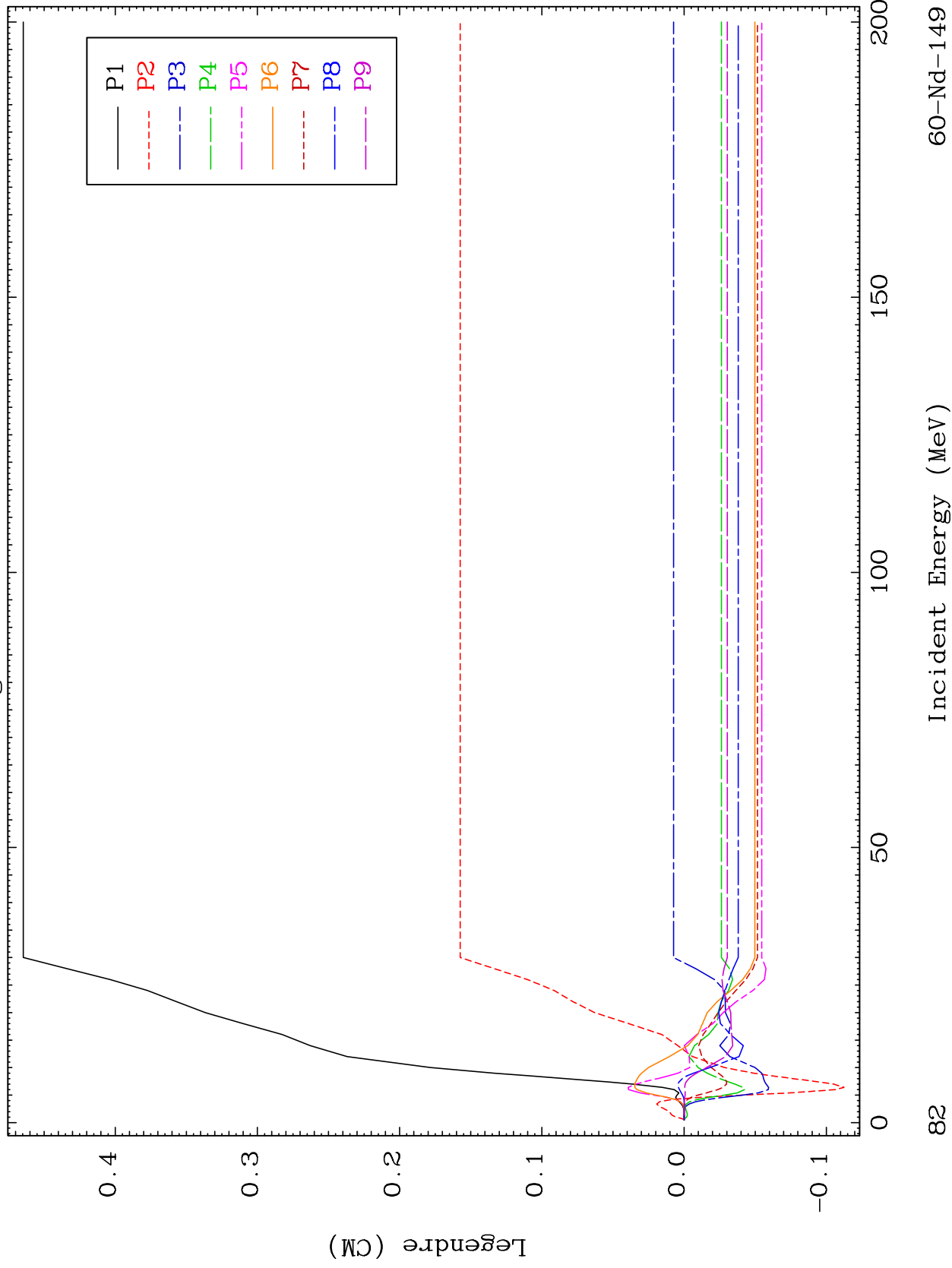




MAT 6046

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

60-Nd-149



82

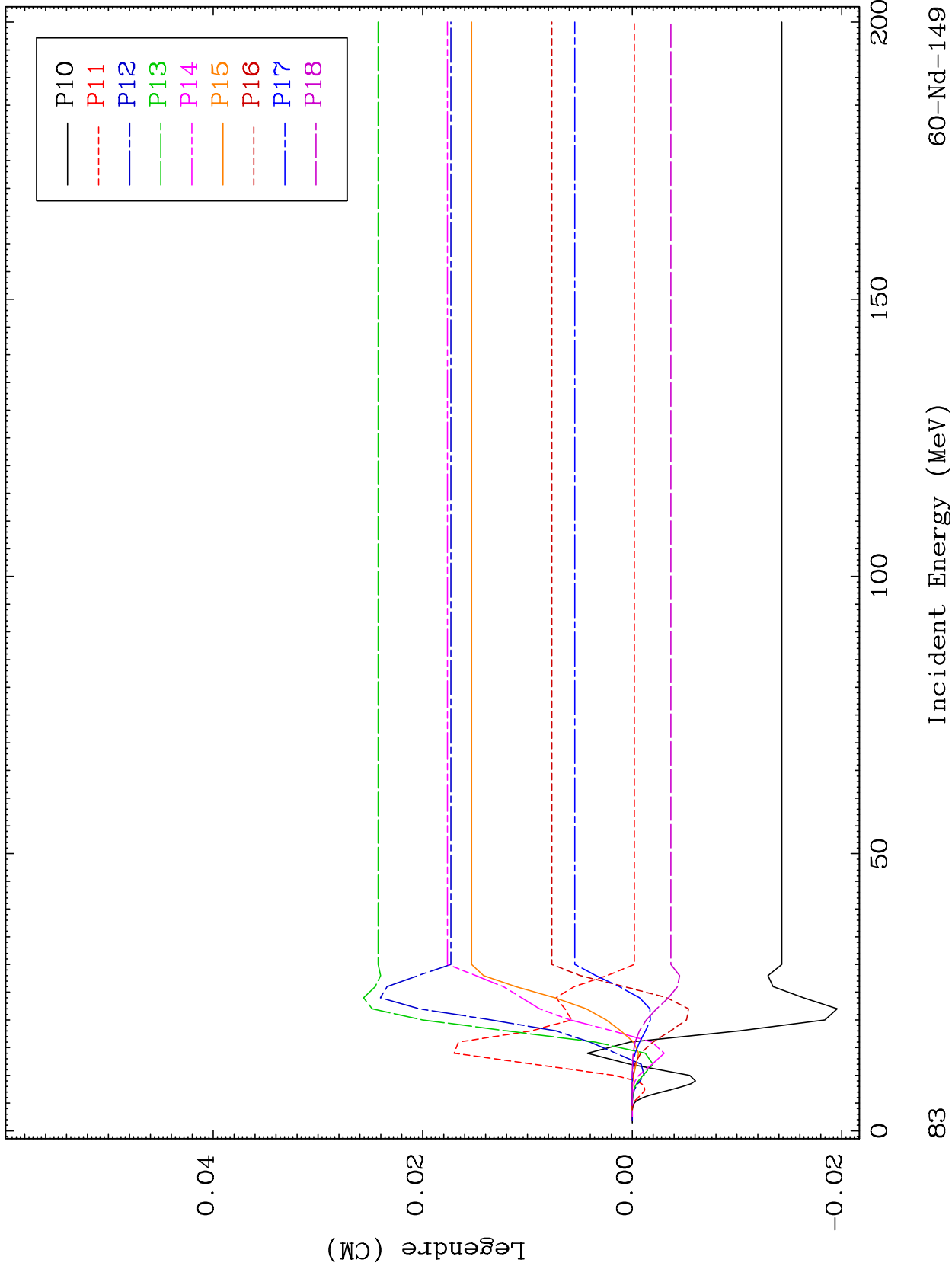
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



83

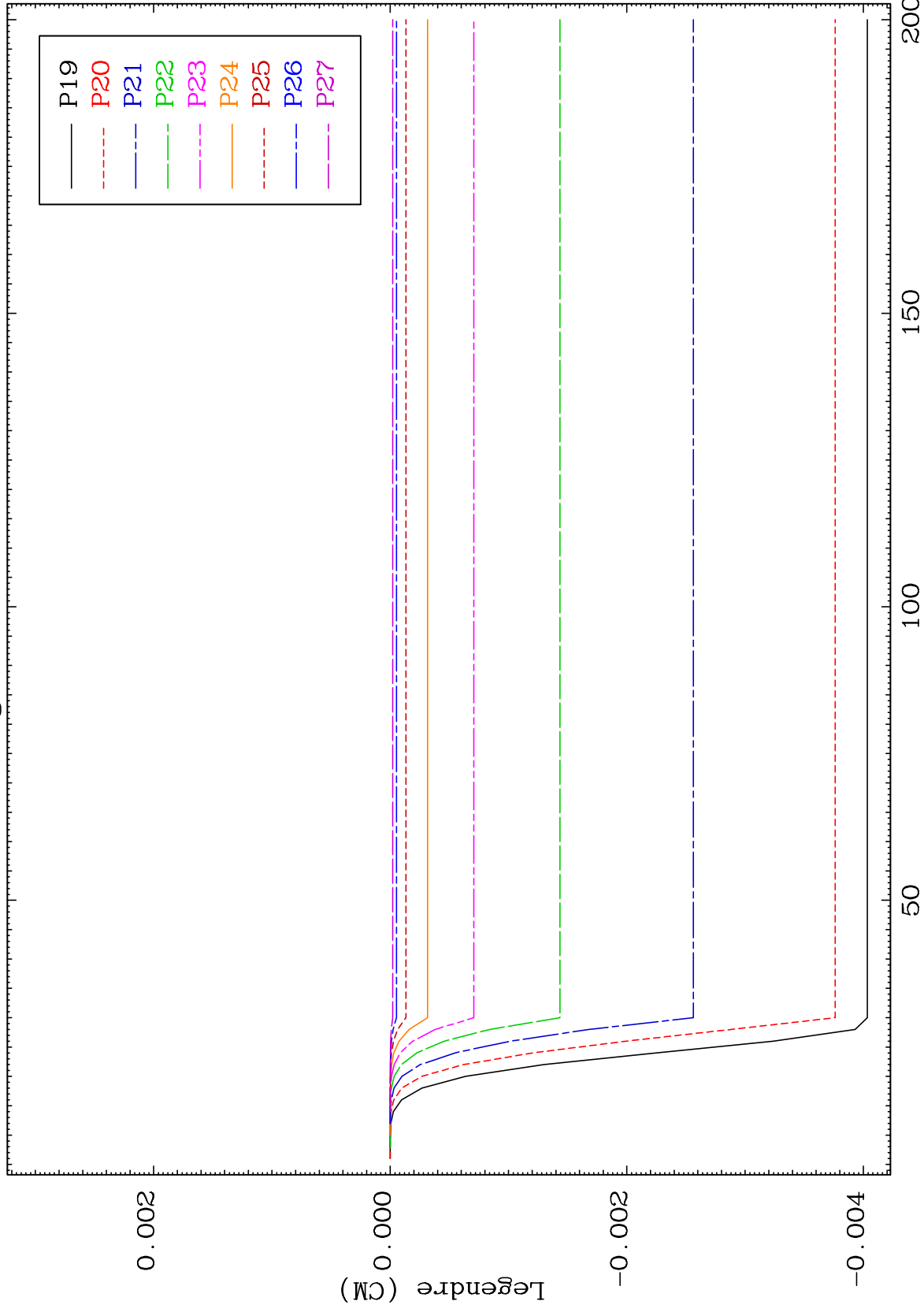
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

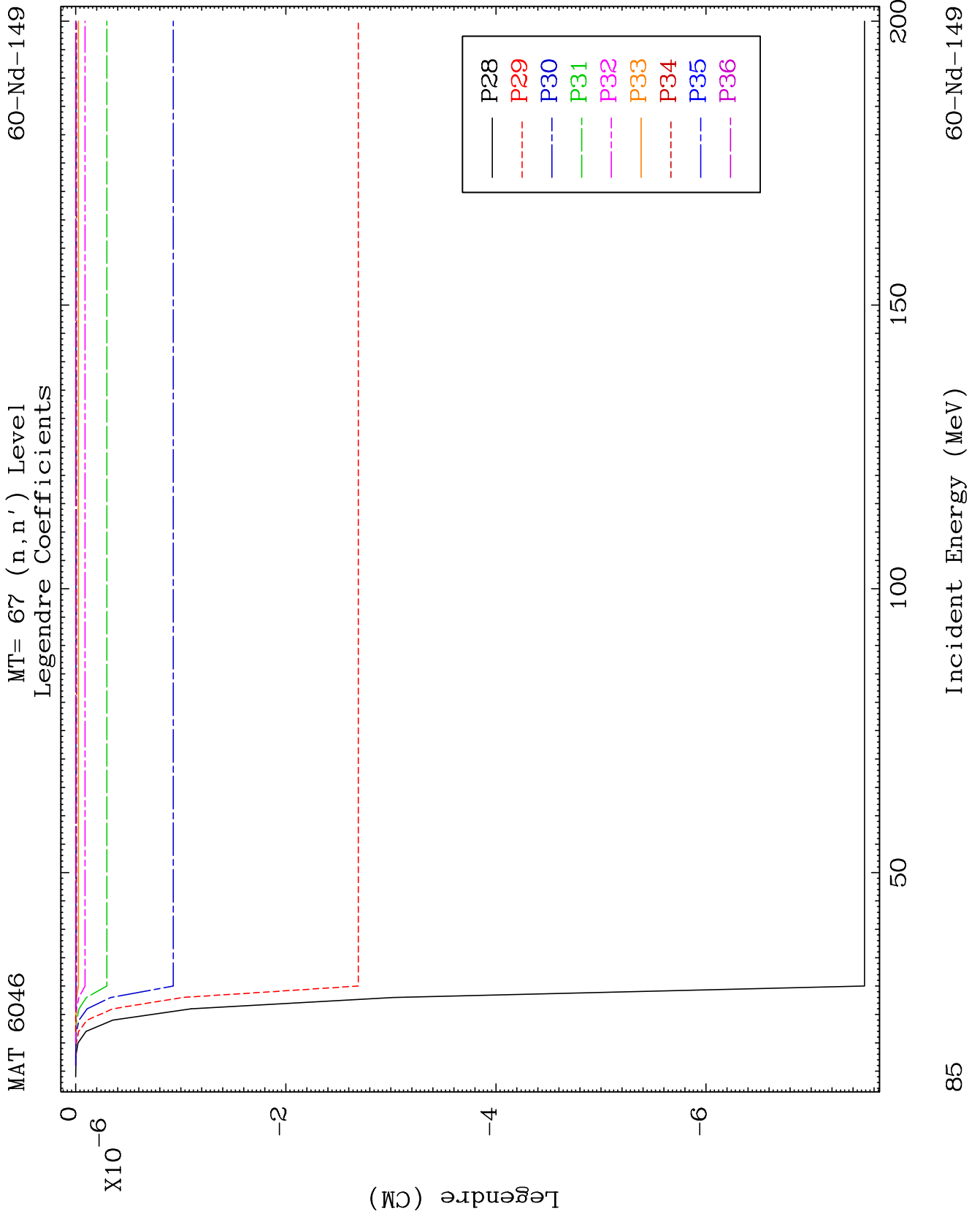
60-Nd-149



84

Incident Energy (MeV)

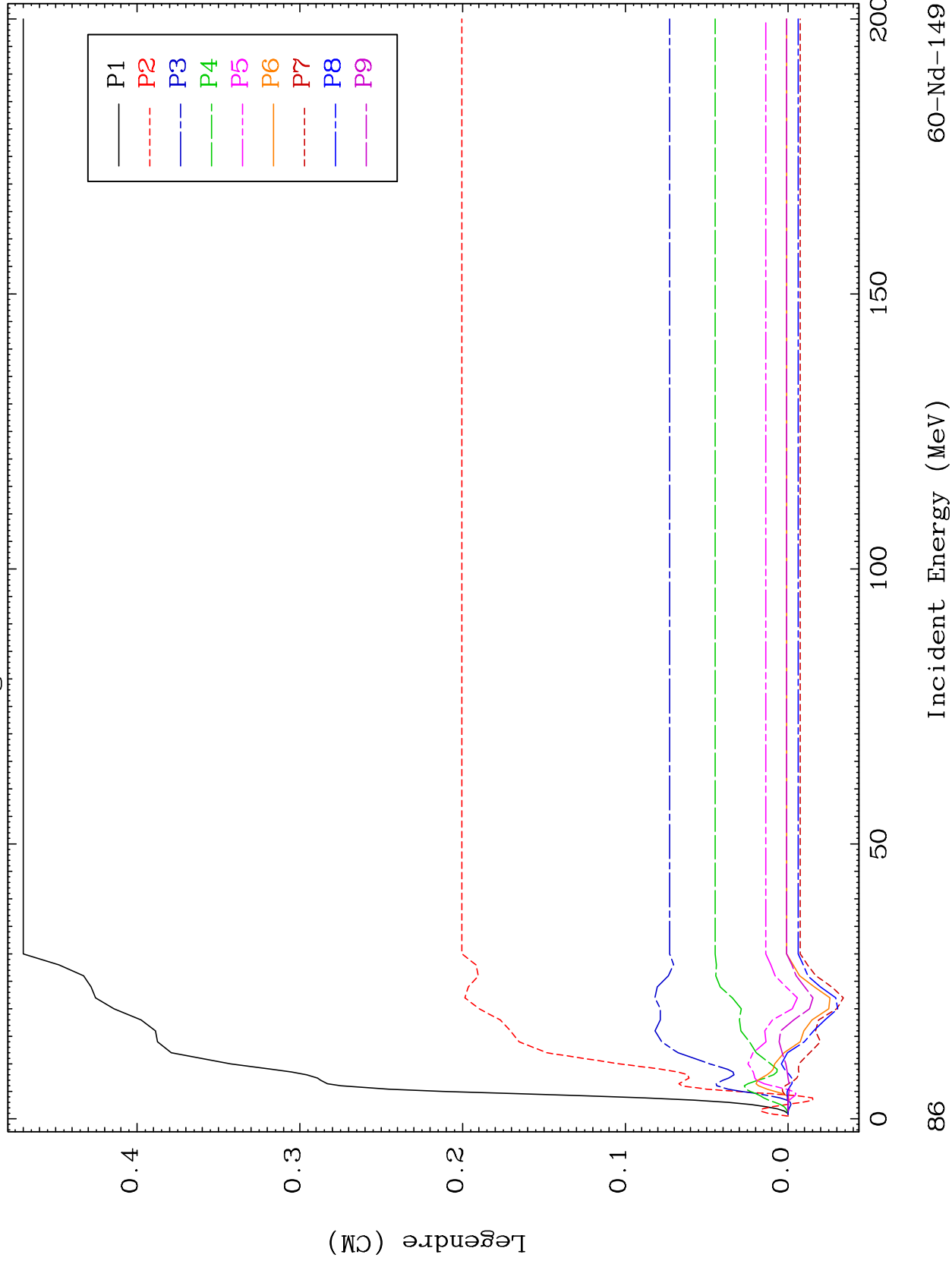
60-Nd-149



MAT 6046

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

60-Nd-149



60-Nd-149

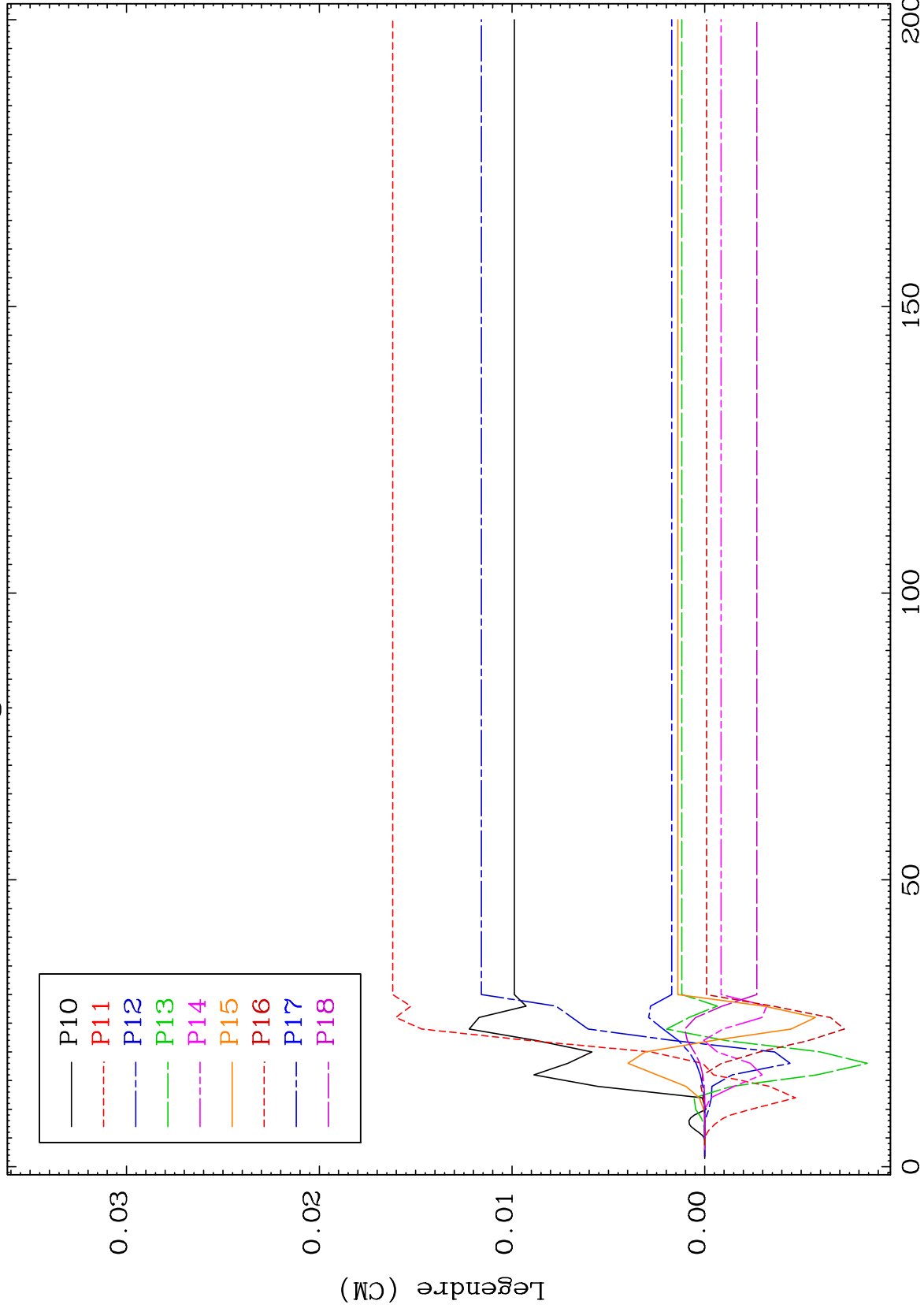
Incident Energy (MeV)

86

MAT 6046

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

60-Nd-149



87

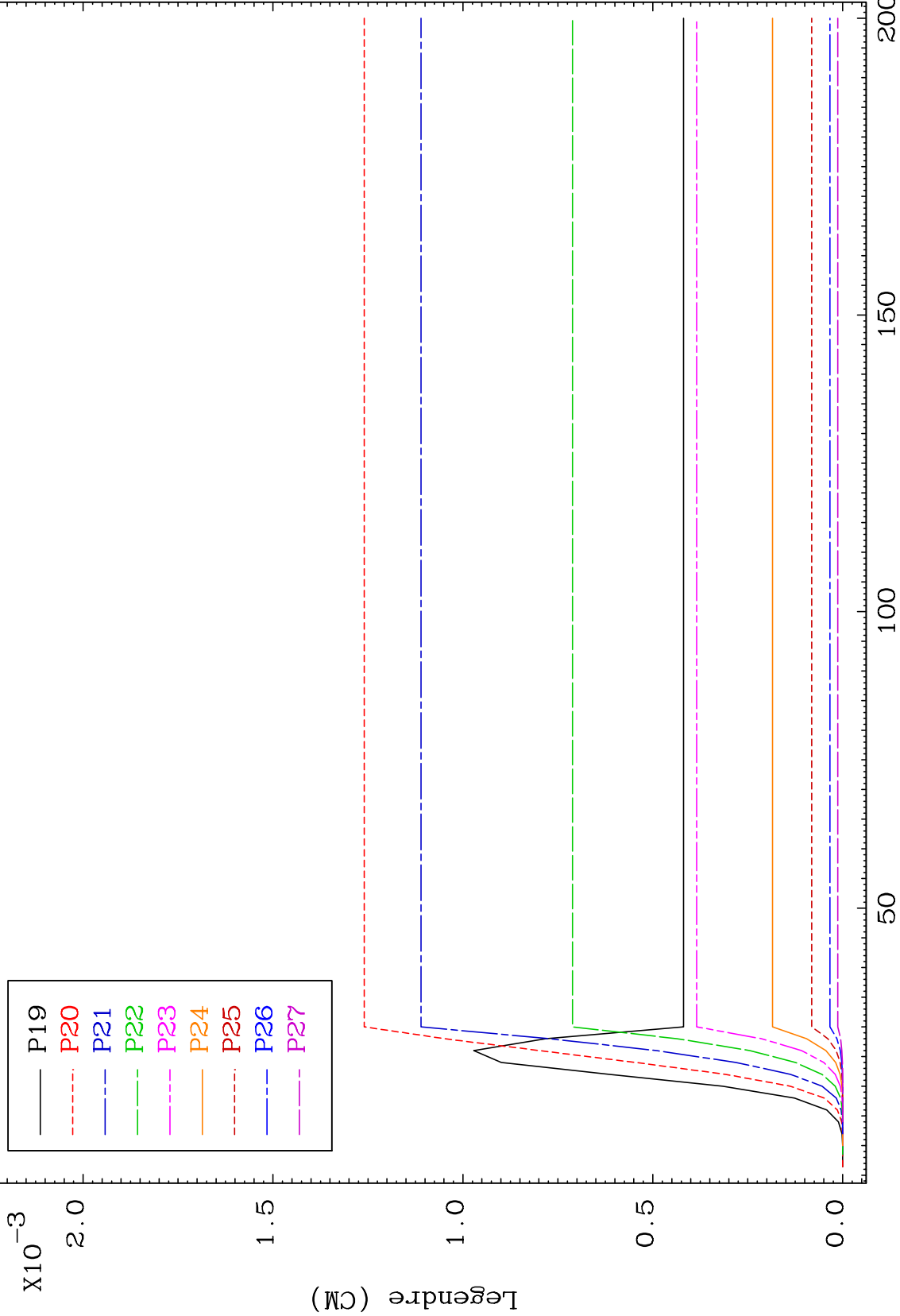
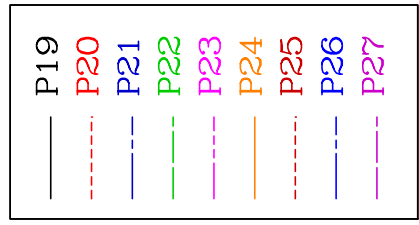
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



88

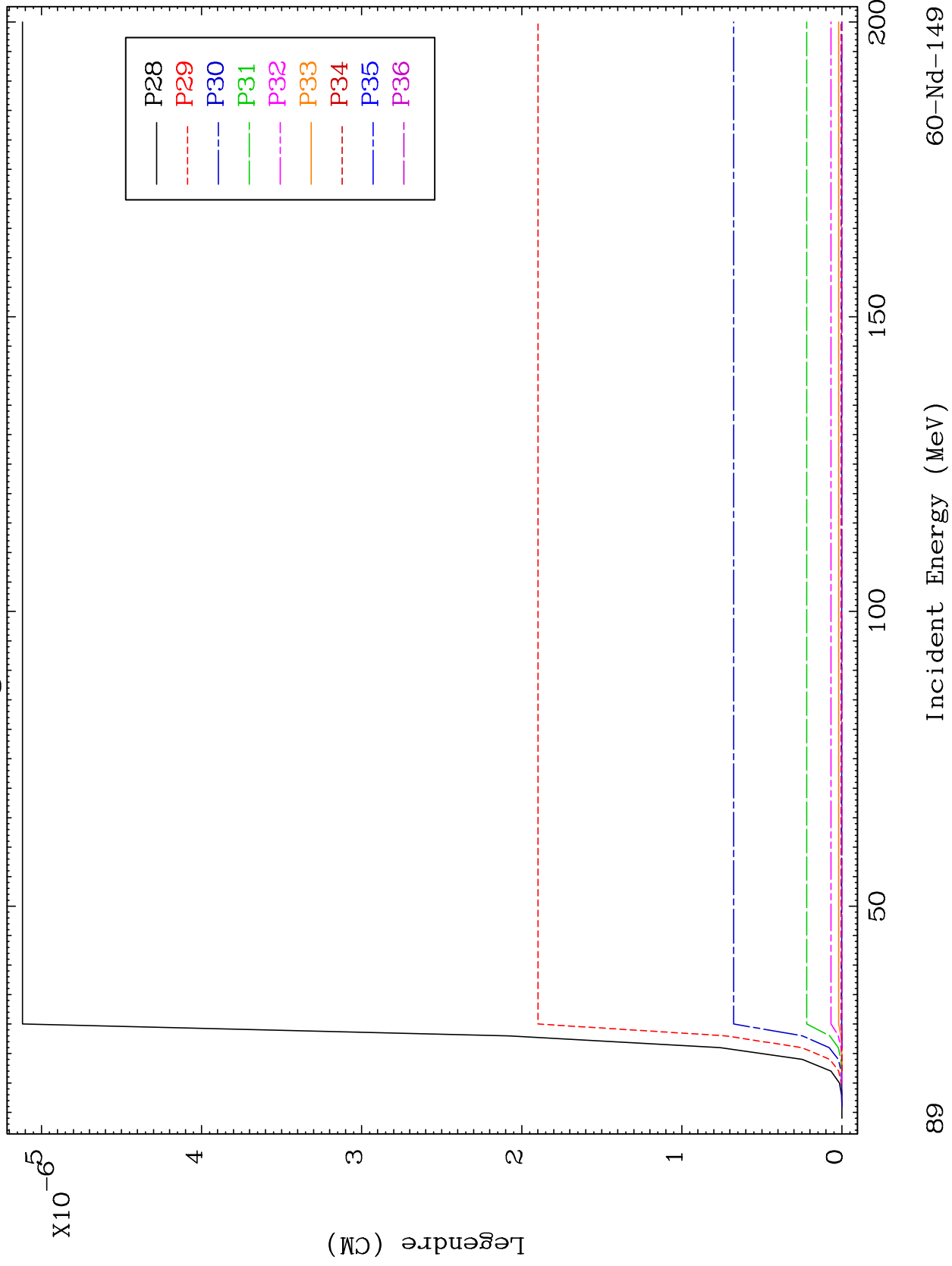
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

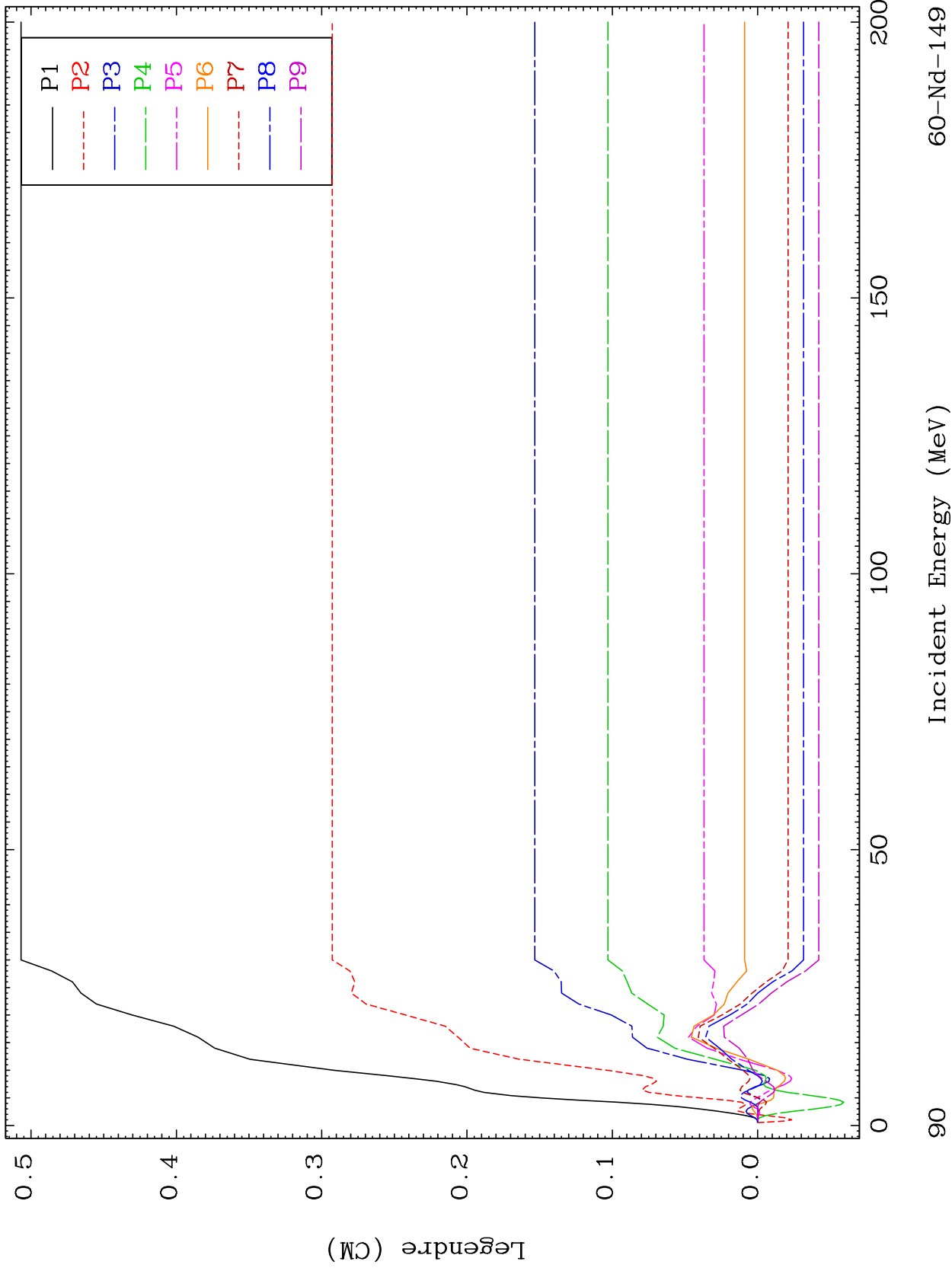
60-Nd-149



MAT 6046

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

60-Nd-149



60-Nd-149

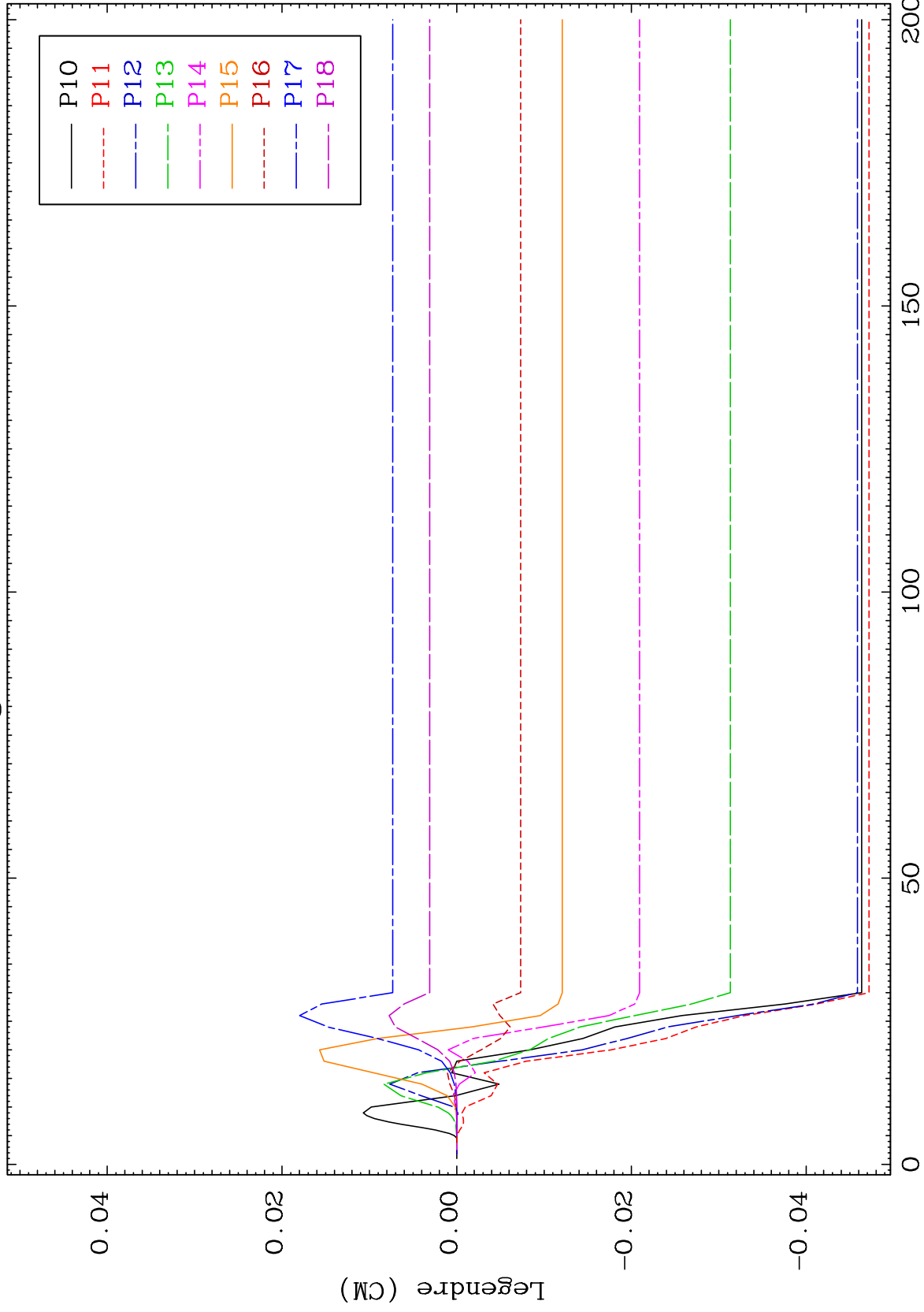
Incident Energy (MeV)

90

MAT 6046

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

60-Nd-149



91

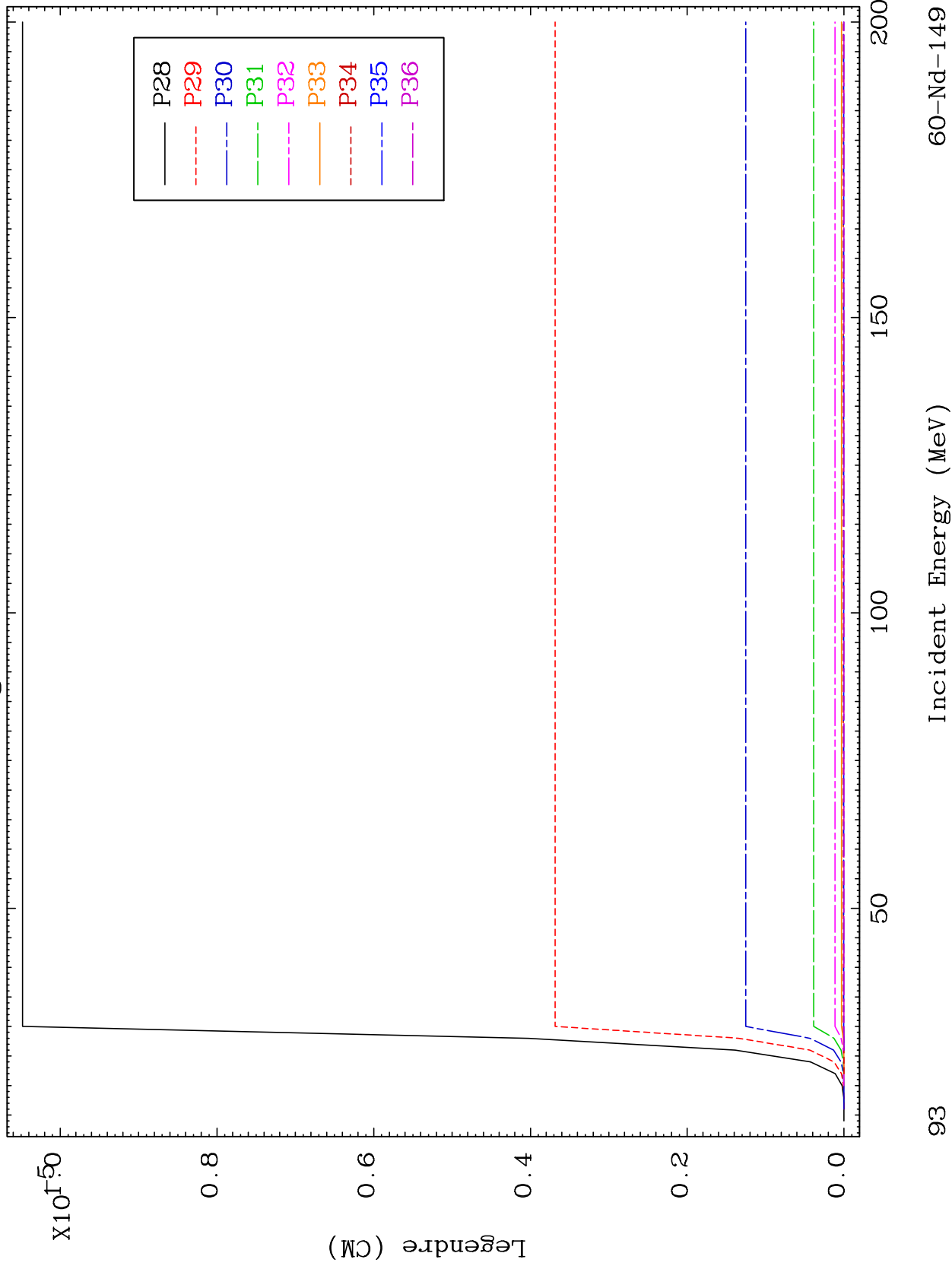
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

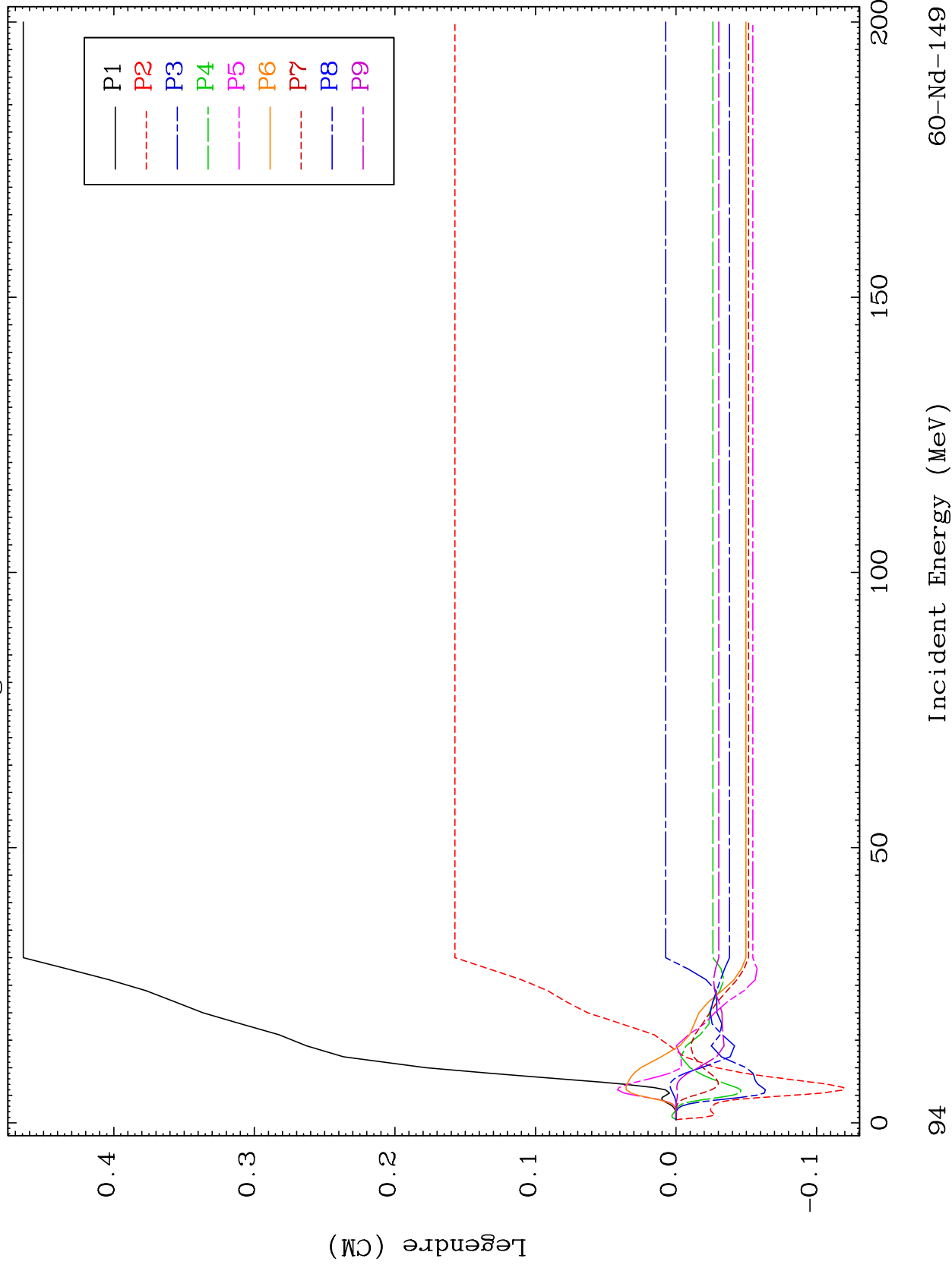
60-Nd-149



MAT 6046

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

60-Nd-149



60-Nd-149

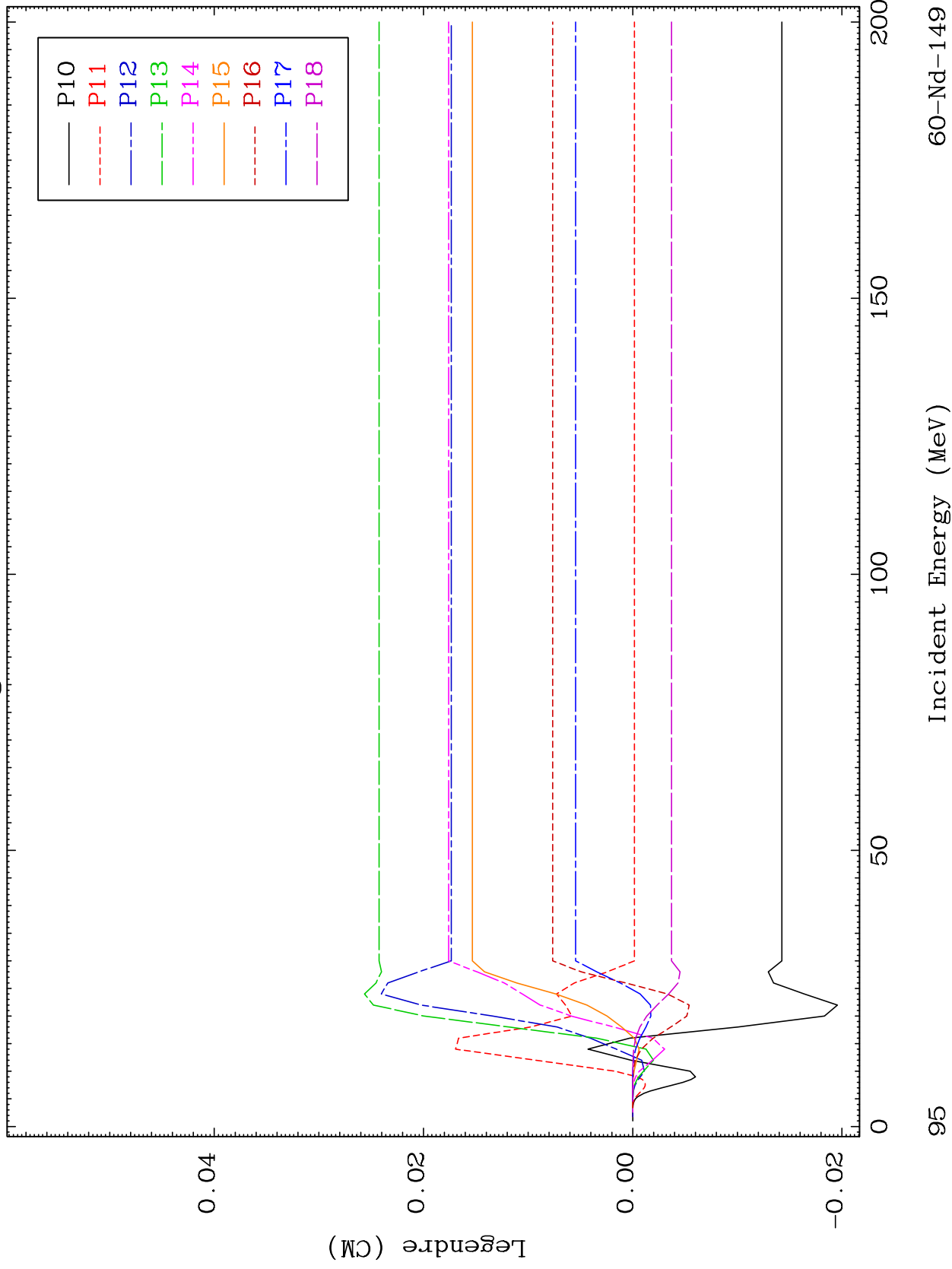
Incident Energy (MeV)

94

MAT 6046

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

60-Nd-149



60-Nd-149

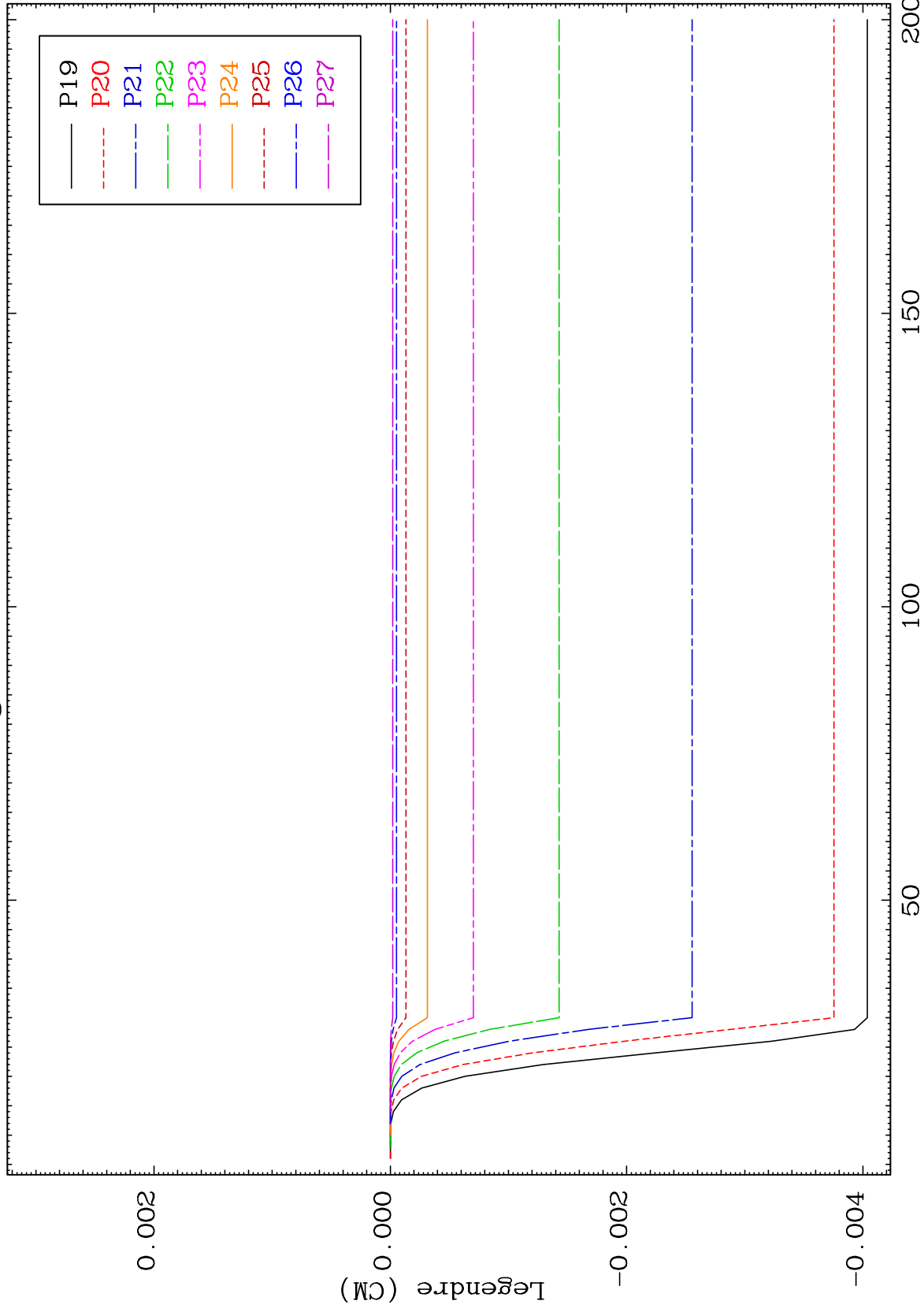
Incident Energy (MeV)

95

MAT 6046

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

60-Nd-149



96

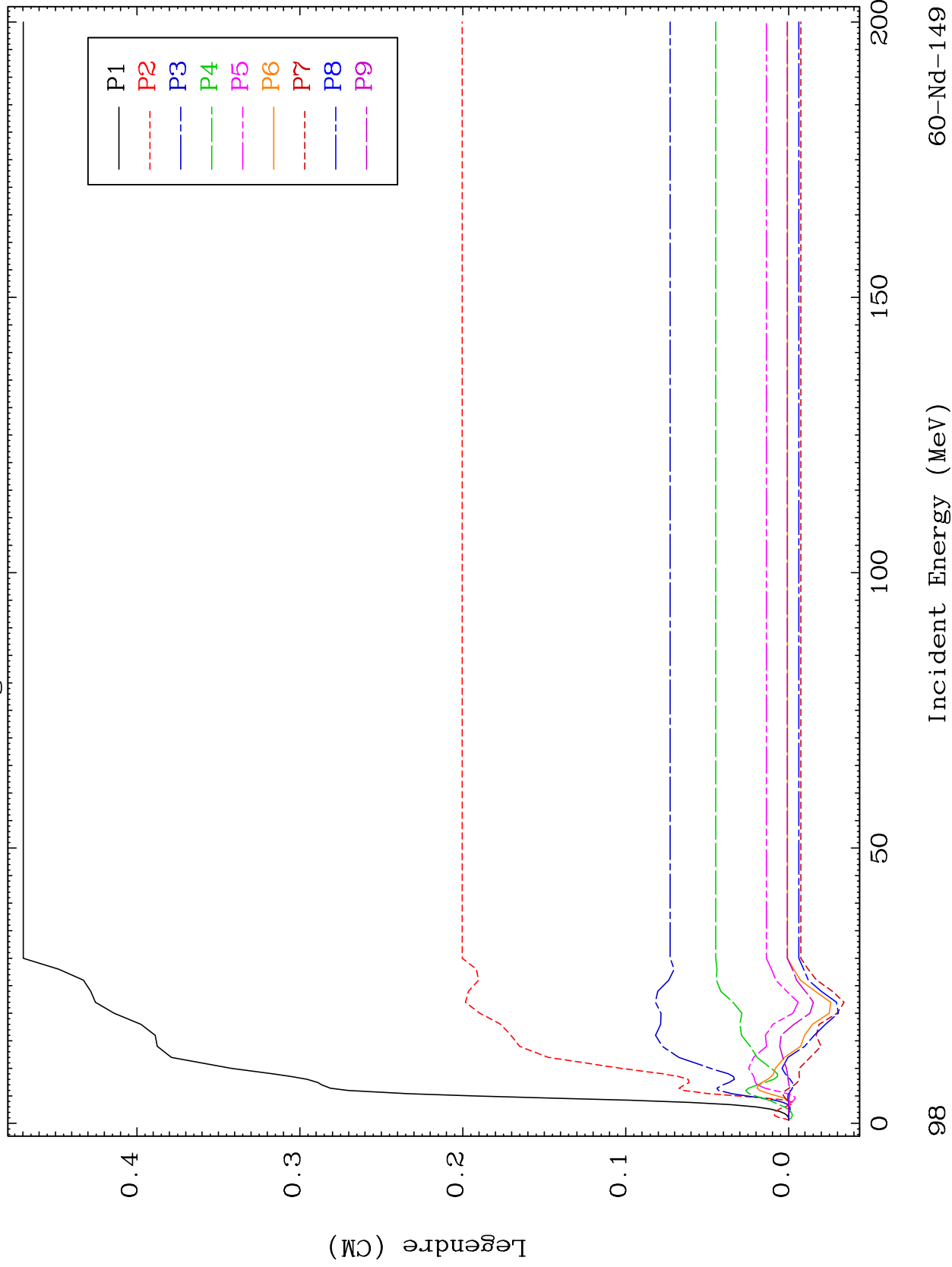
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



98

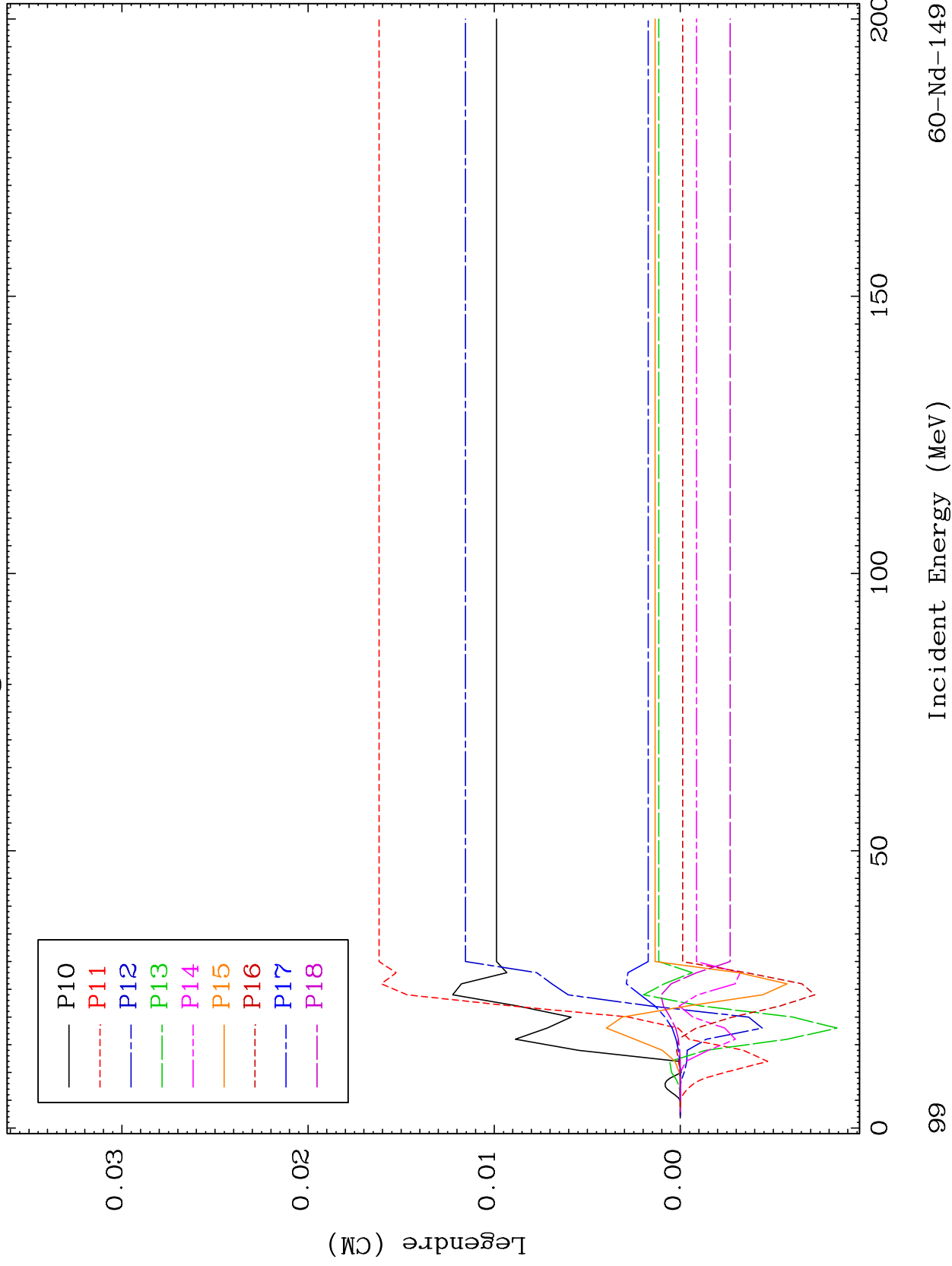
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



99

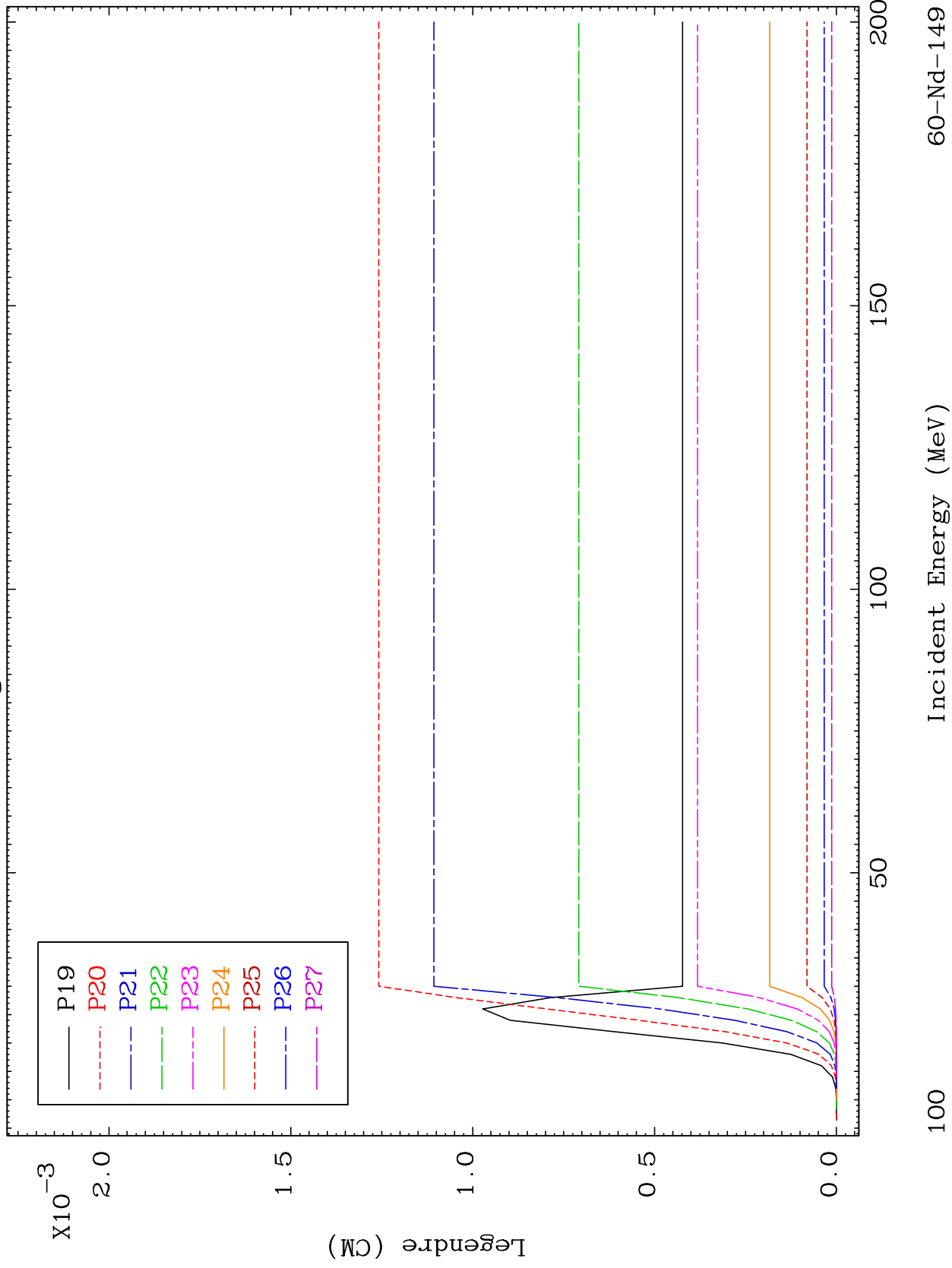
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

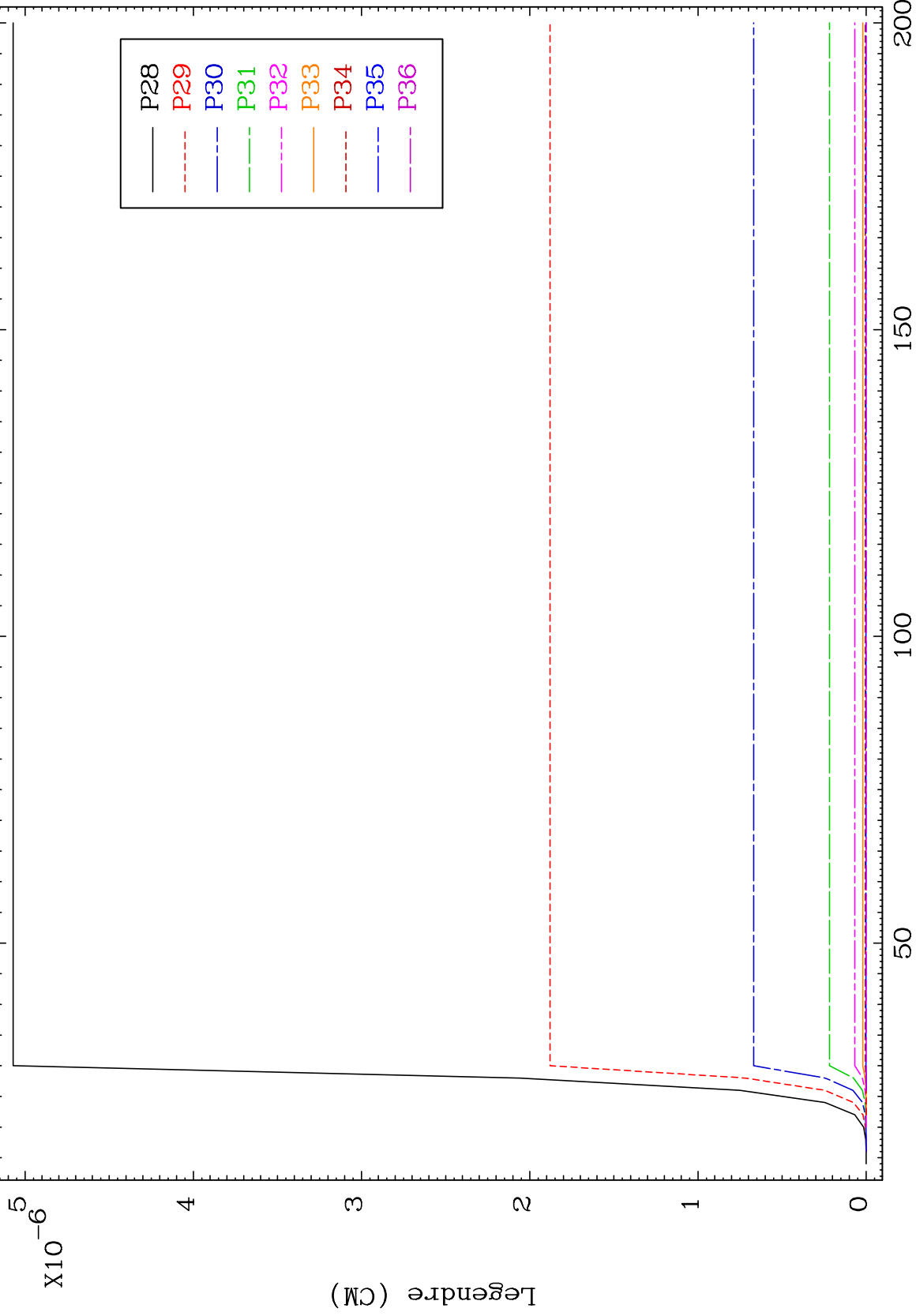
60-Nd-149



MAT 6046

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

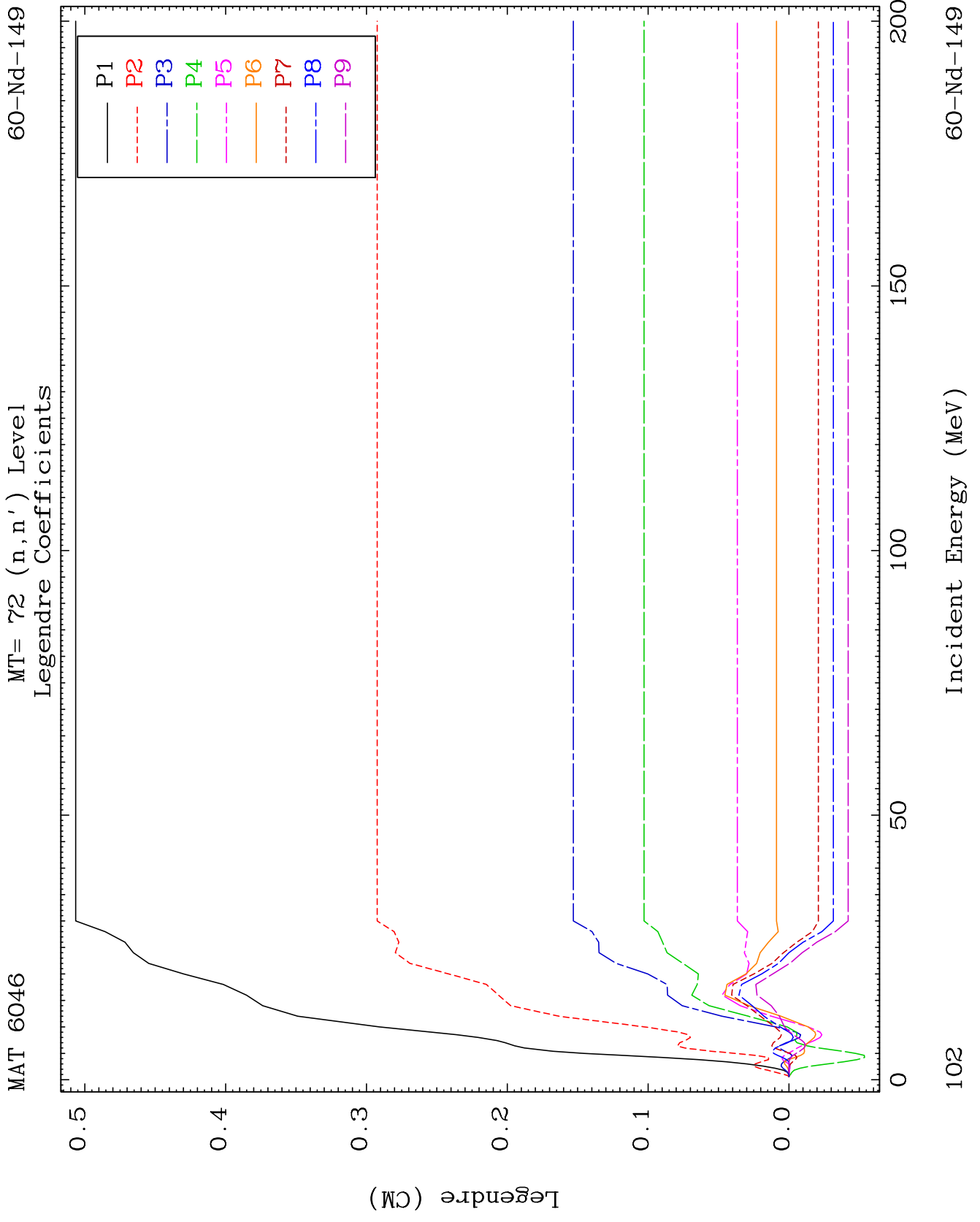
60-Nd-149



101

Incident Energy (MeV)

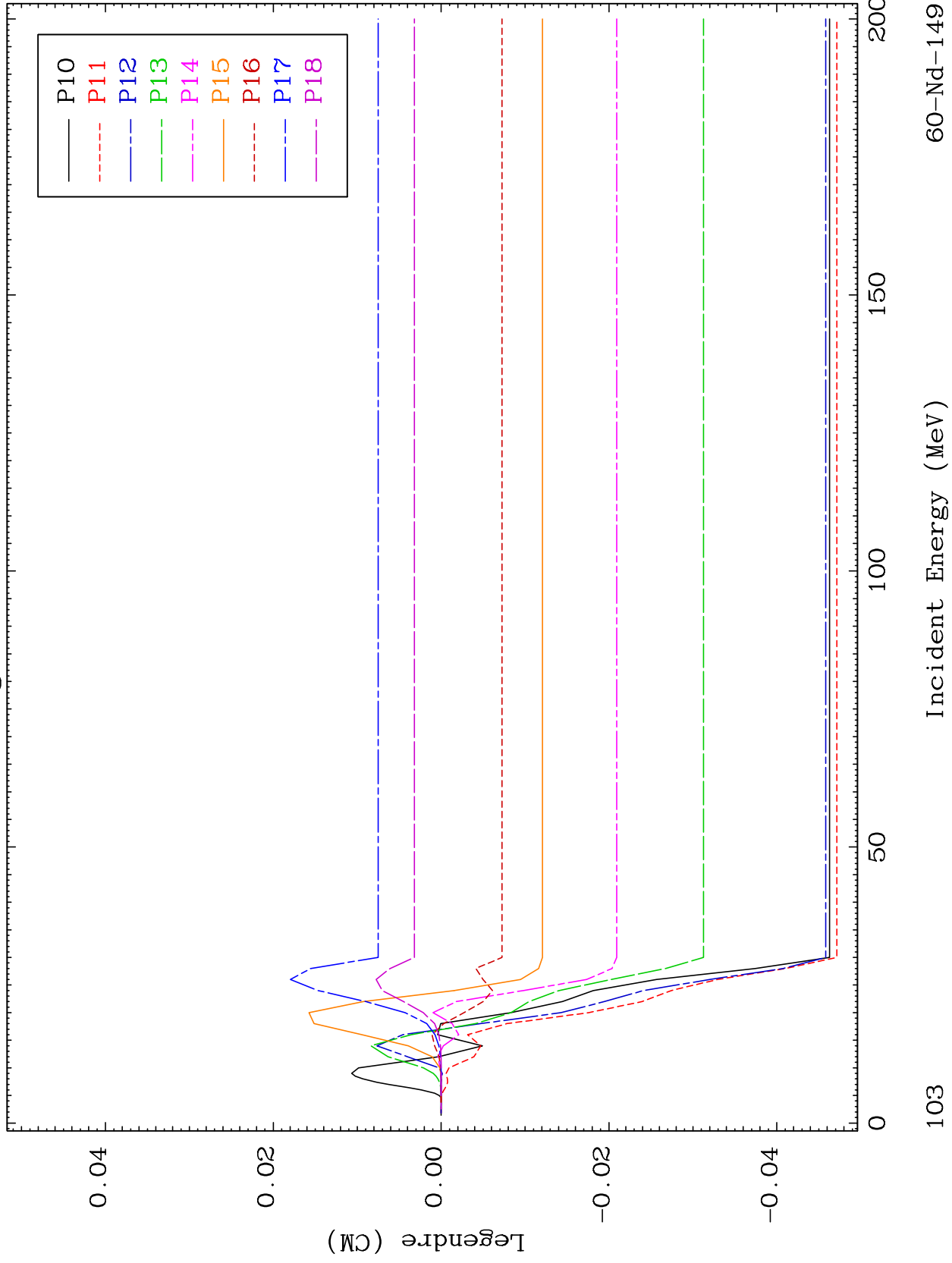
60-Nd-149



MAT 6046

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

60-Nd-149



103

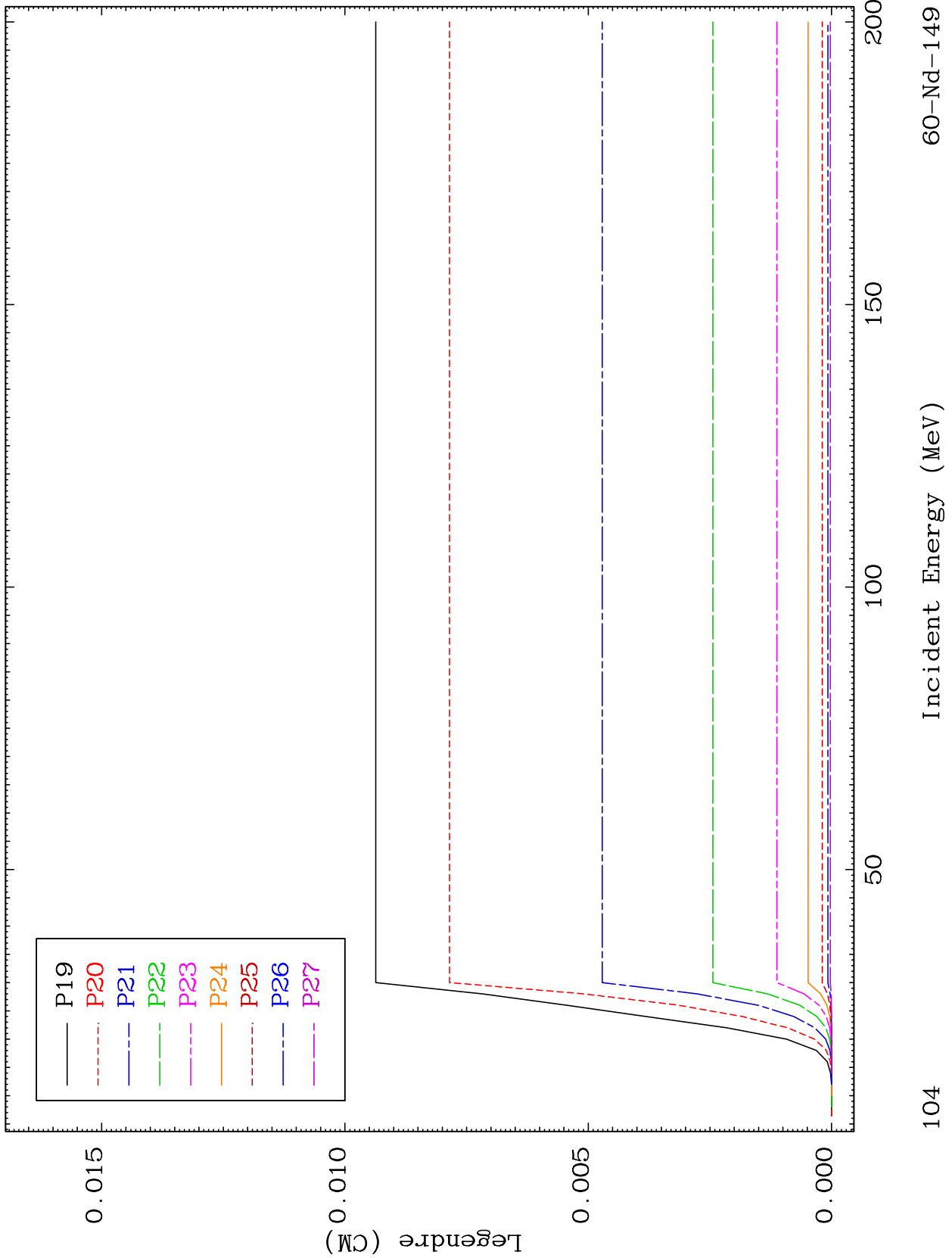
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



104

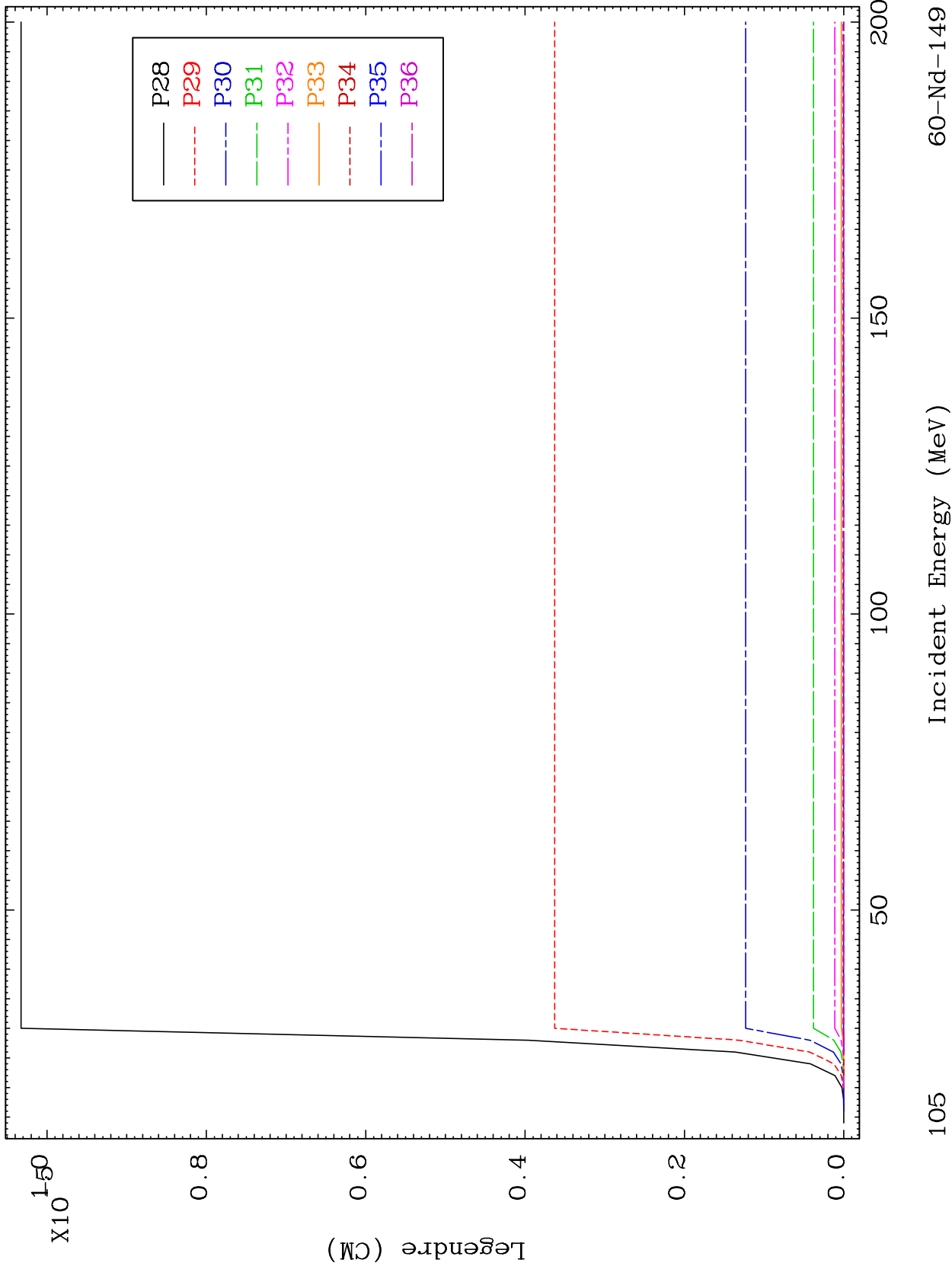
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

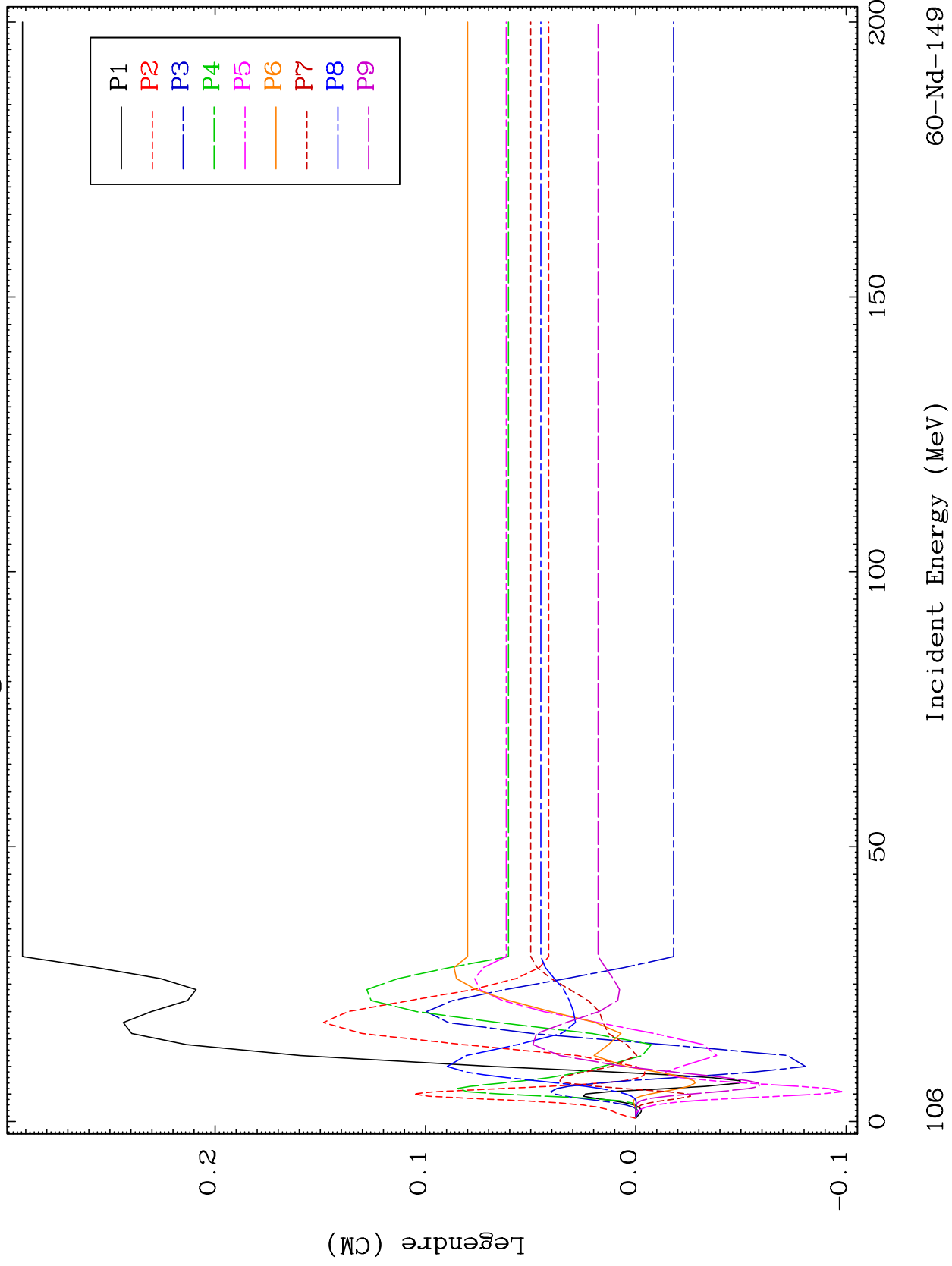
60-Nd-149



MAT 6046

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

60-Nd-149



60-Nd-149

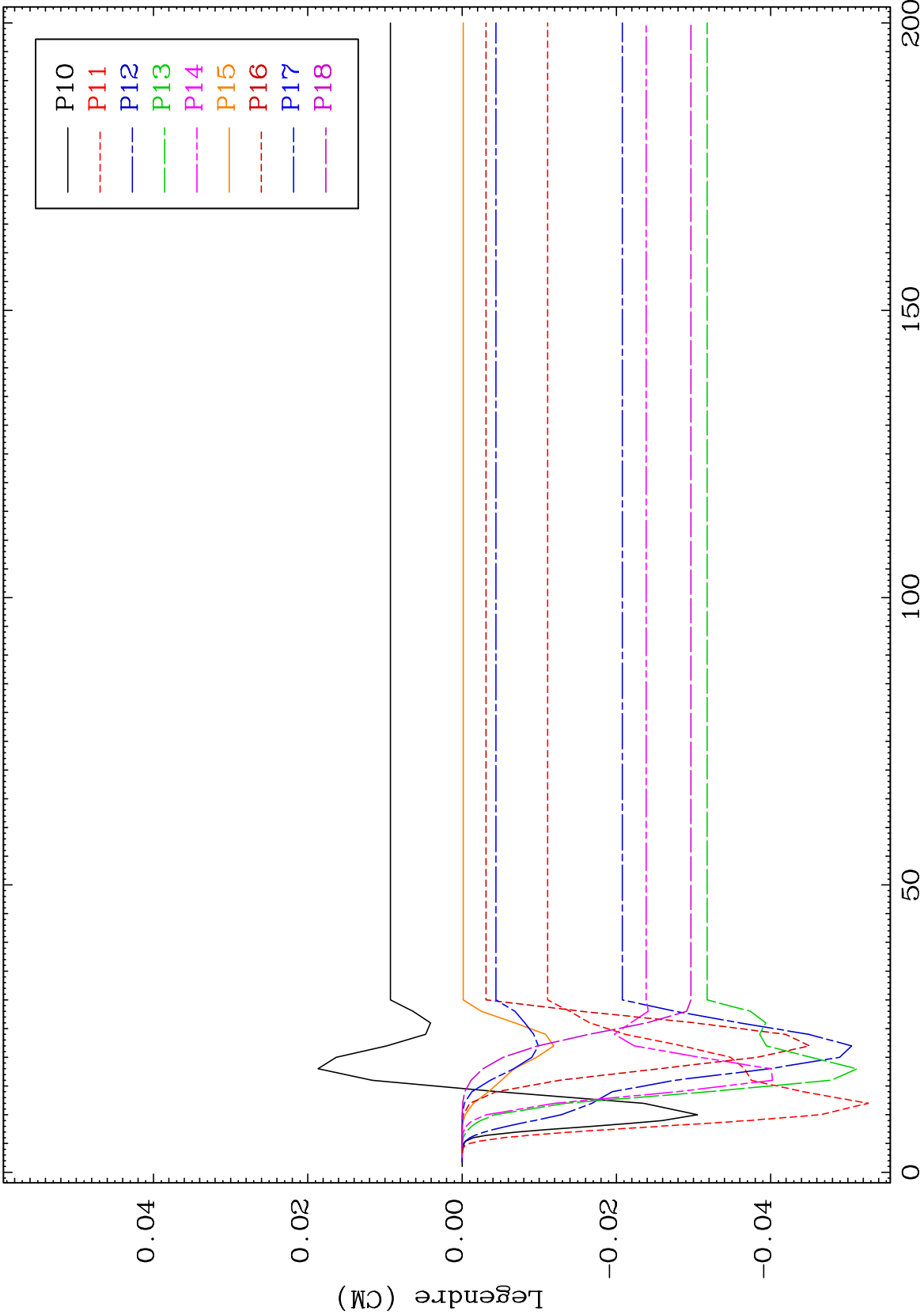
Incident Energy (MeV)

106

MAT 6046

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

60-Nd-149



60-Nd-149

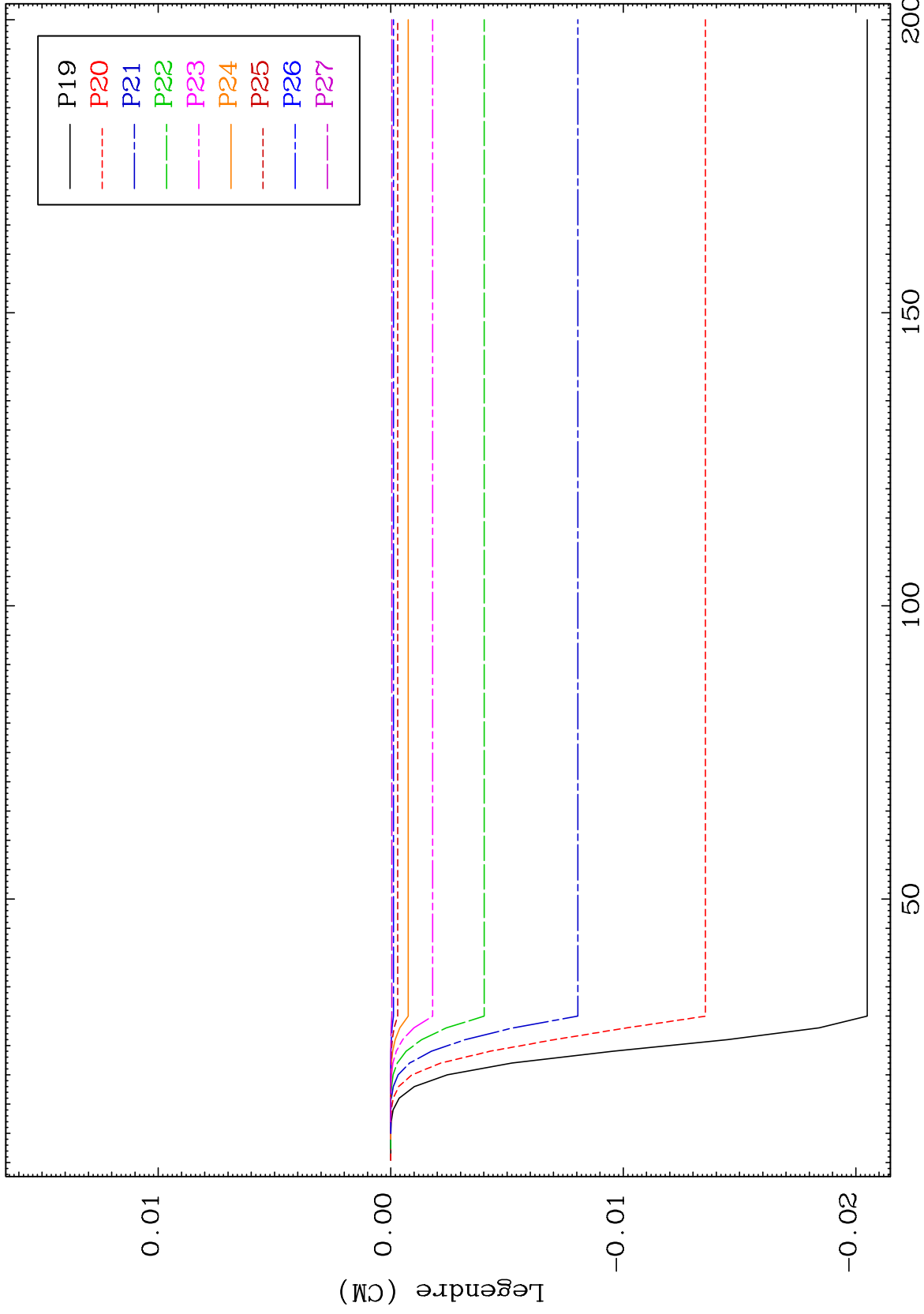
Incident Energy (MeV)

107

MAT 6046

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

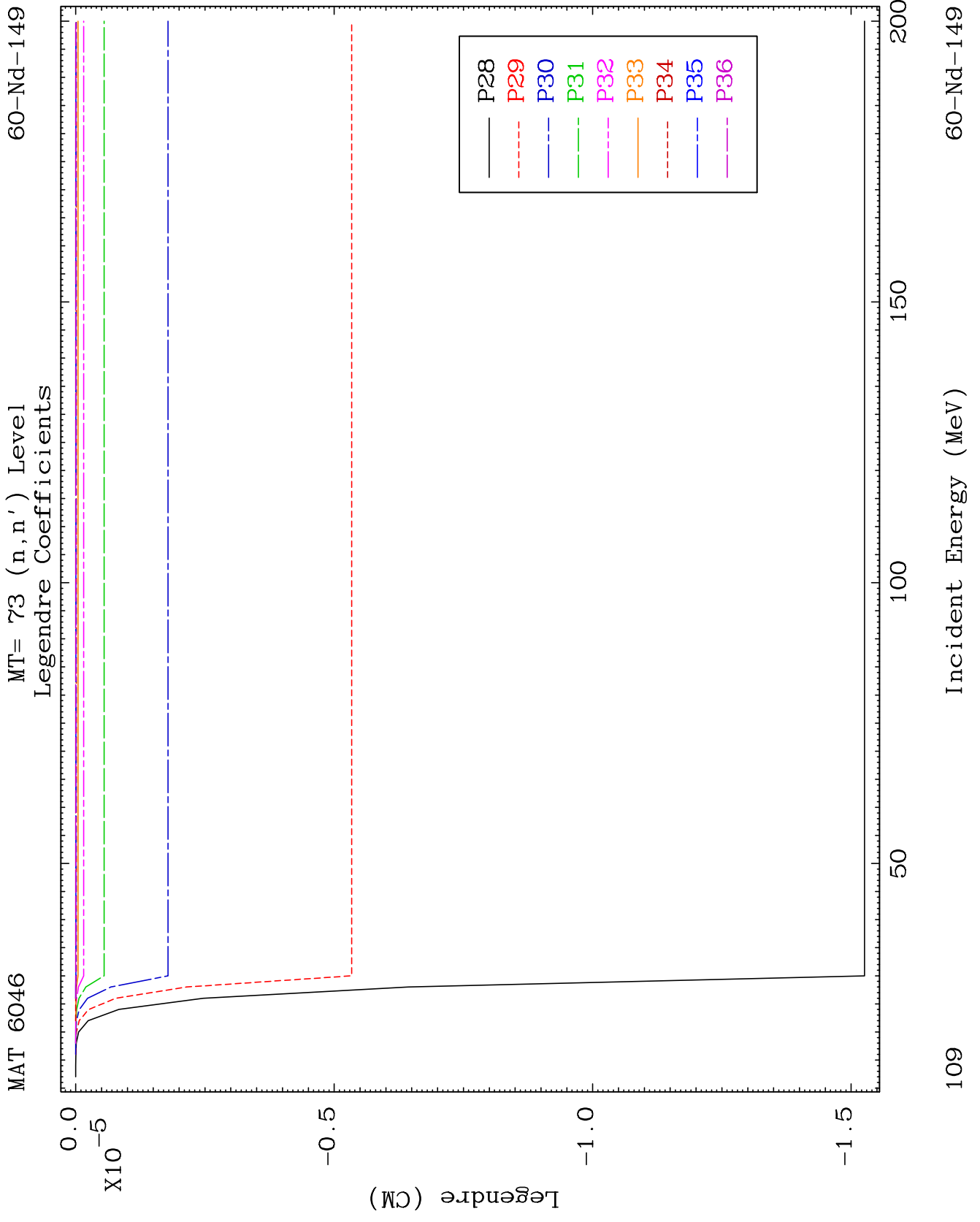
60-Nd-149

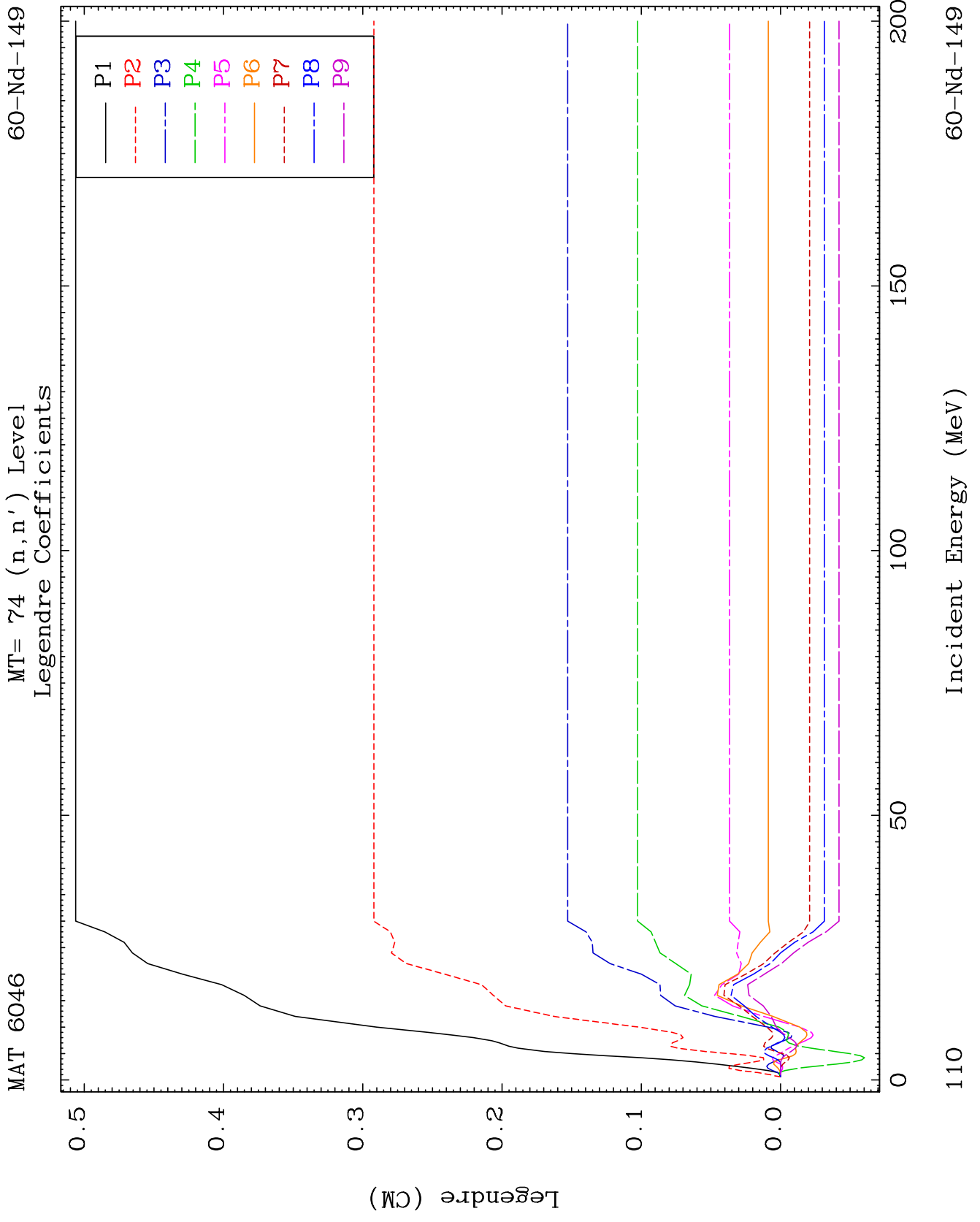


108

Incident Energy (MeV)

60-Nd-149

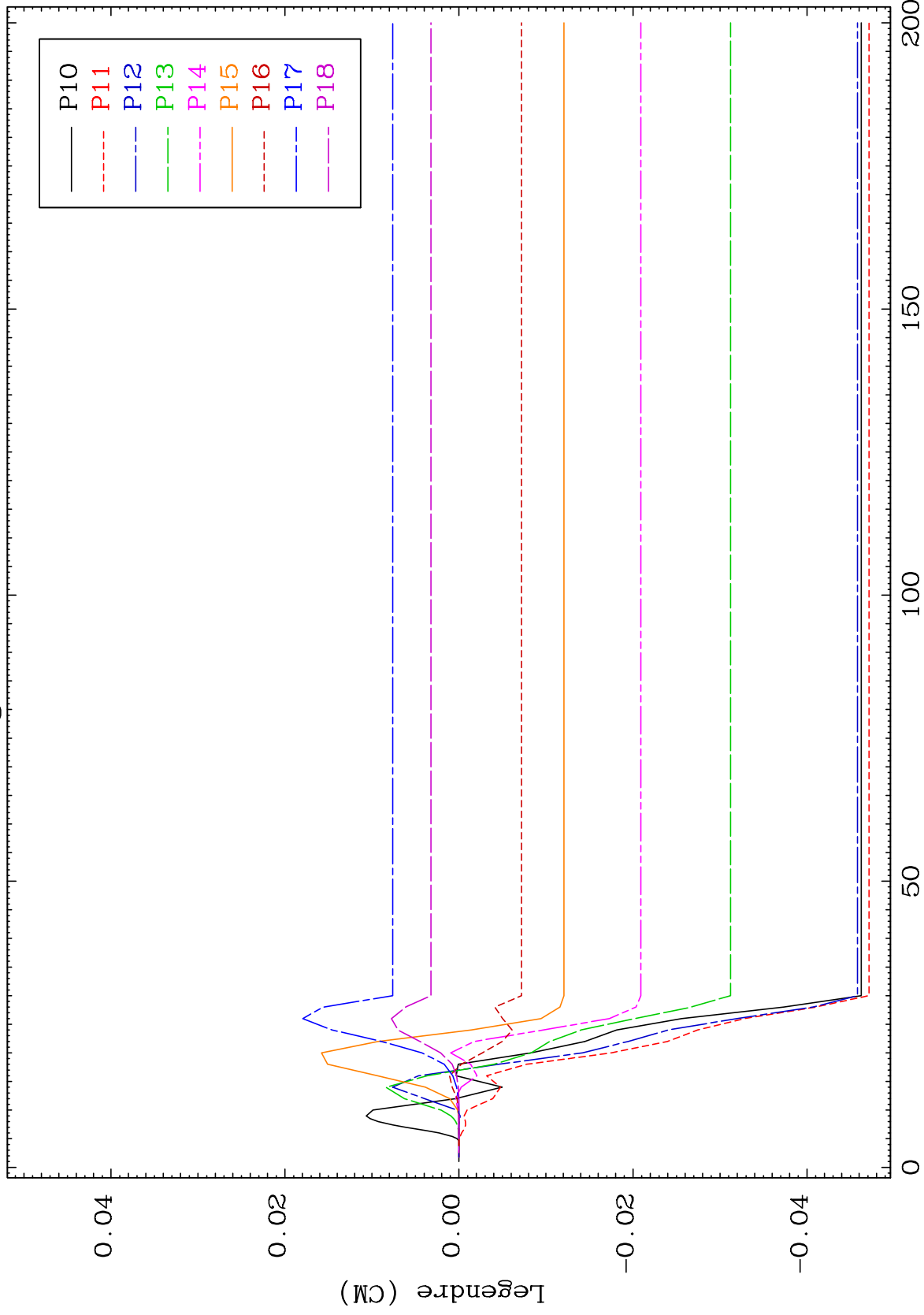




MAT 6046

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

60-Nd-149



111

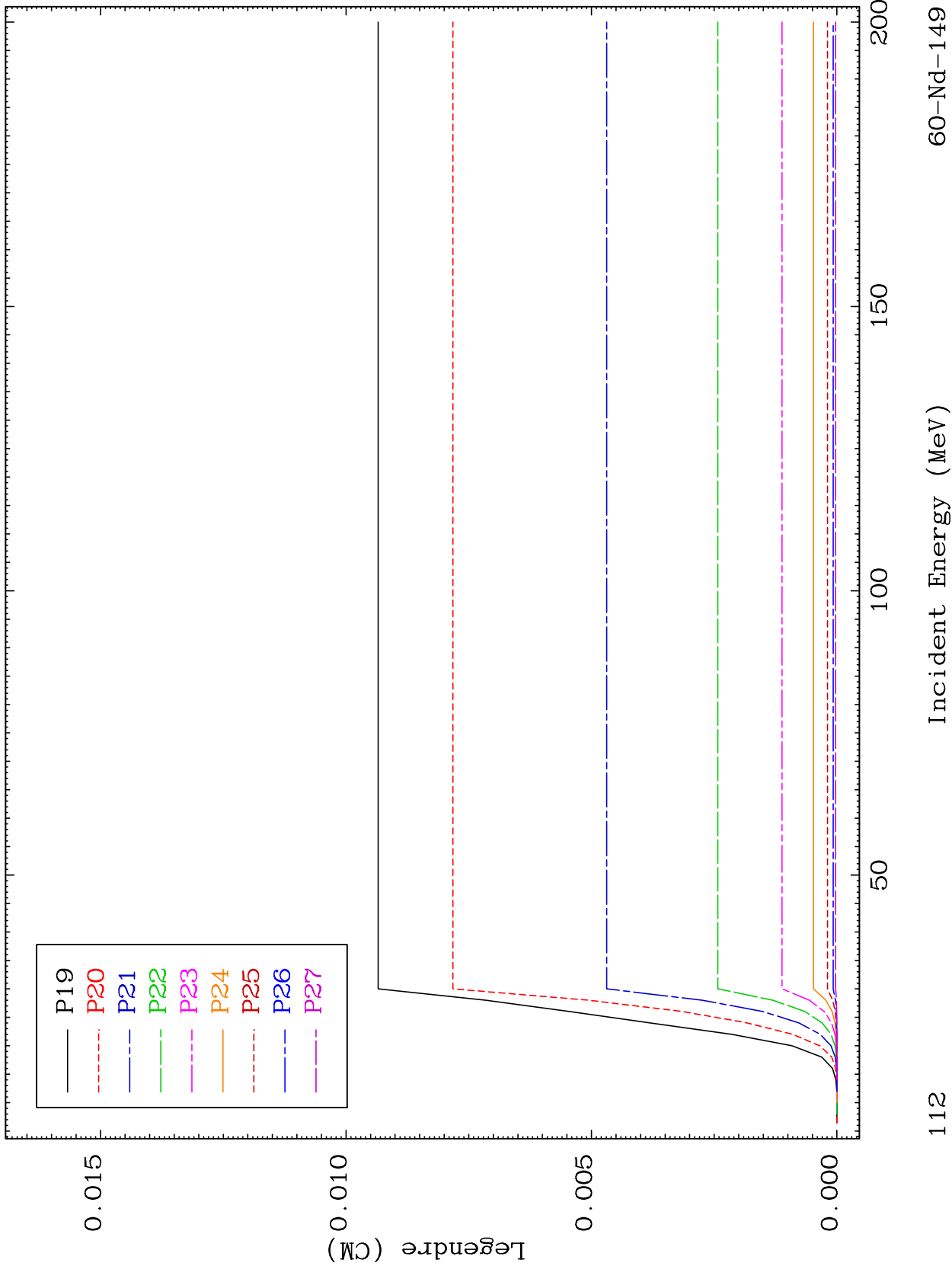
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



112

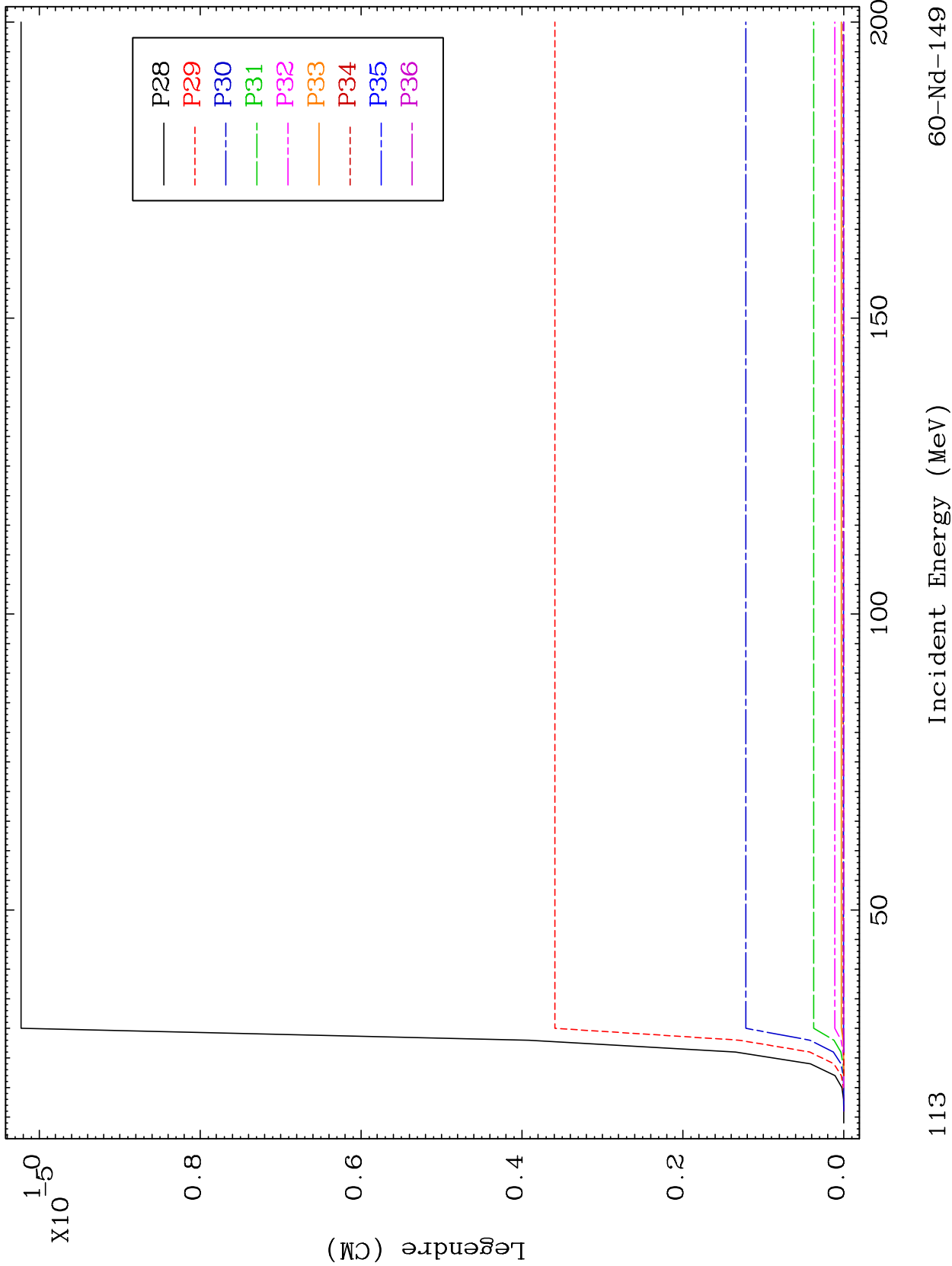
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



113

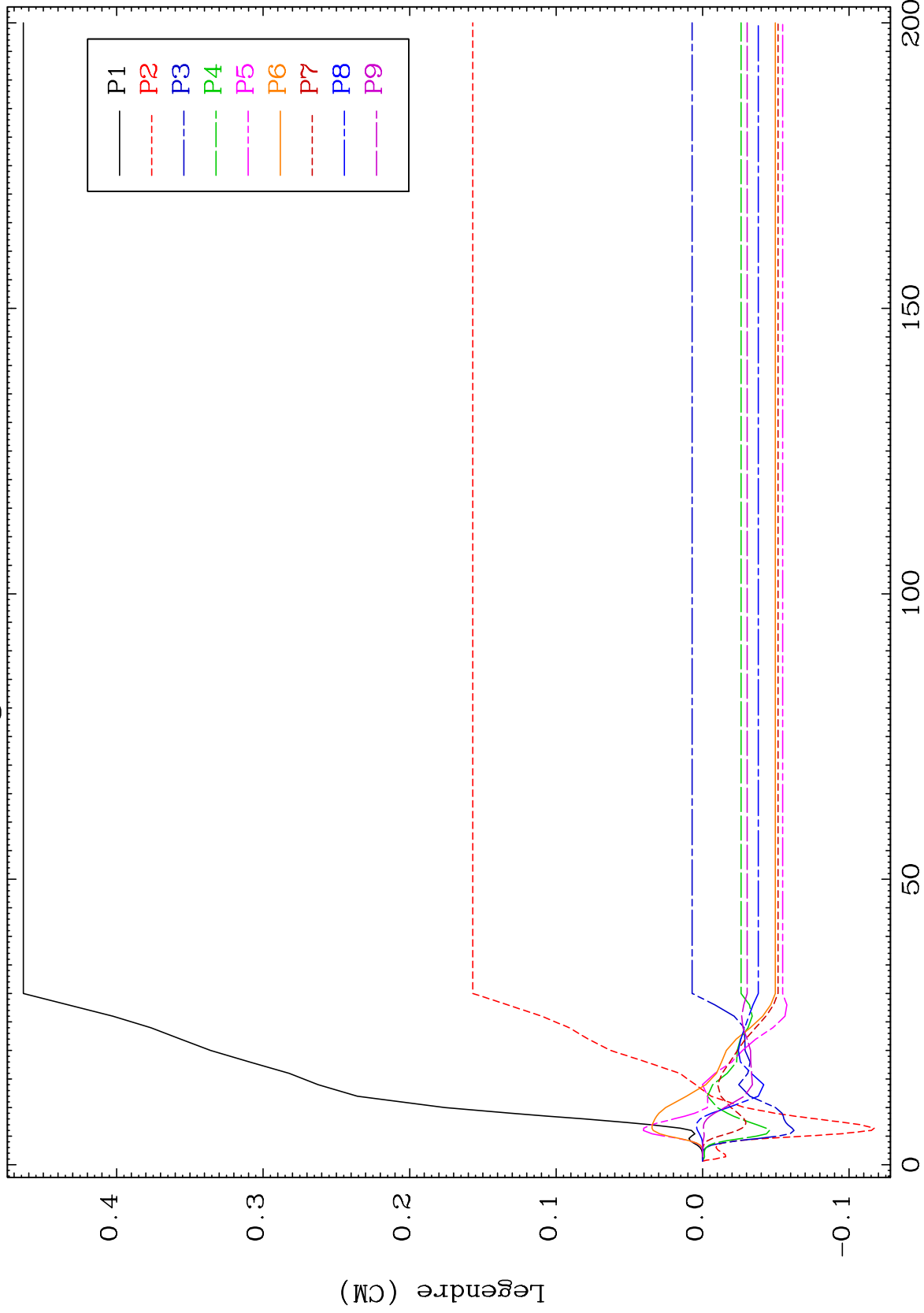
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



114

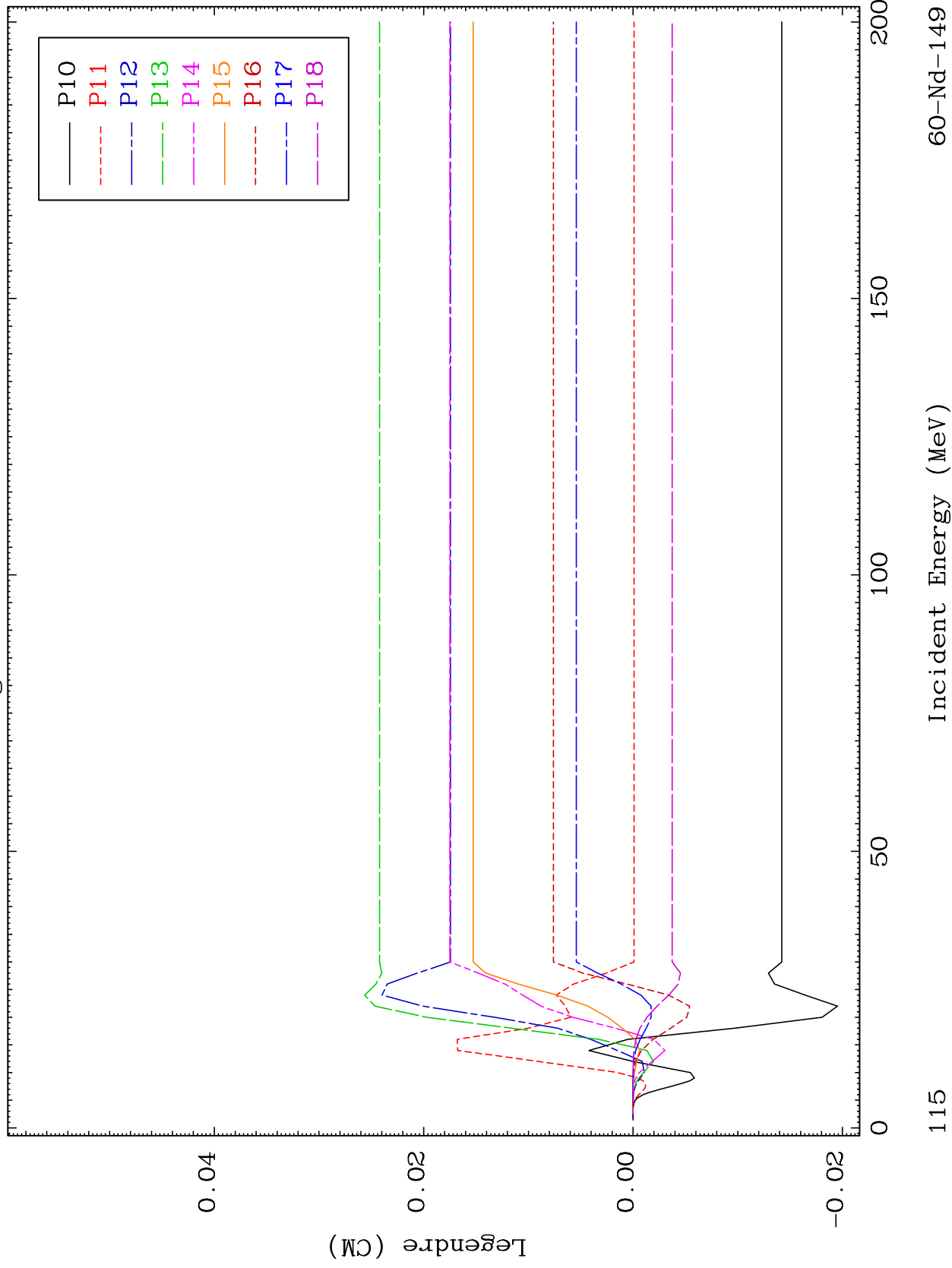
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



60-Nd-149

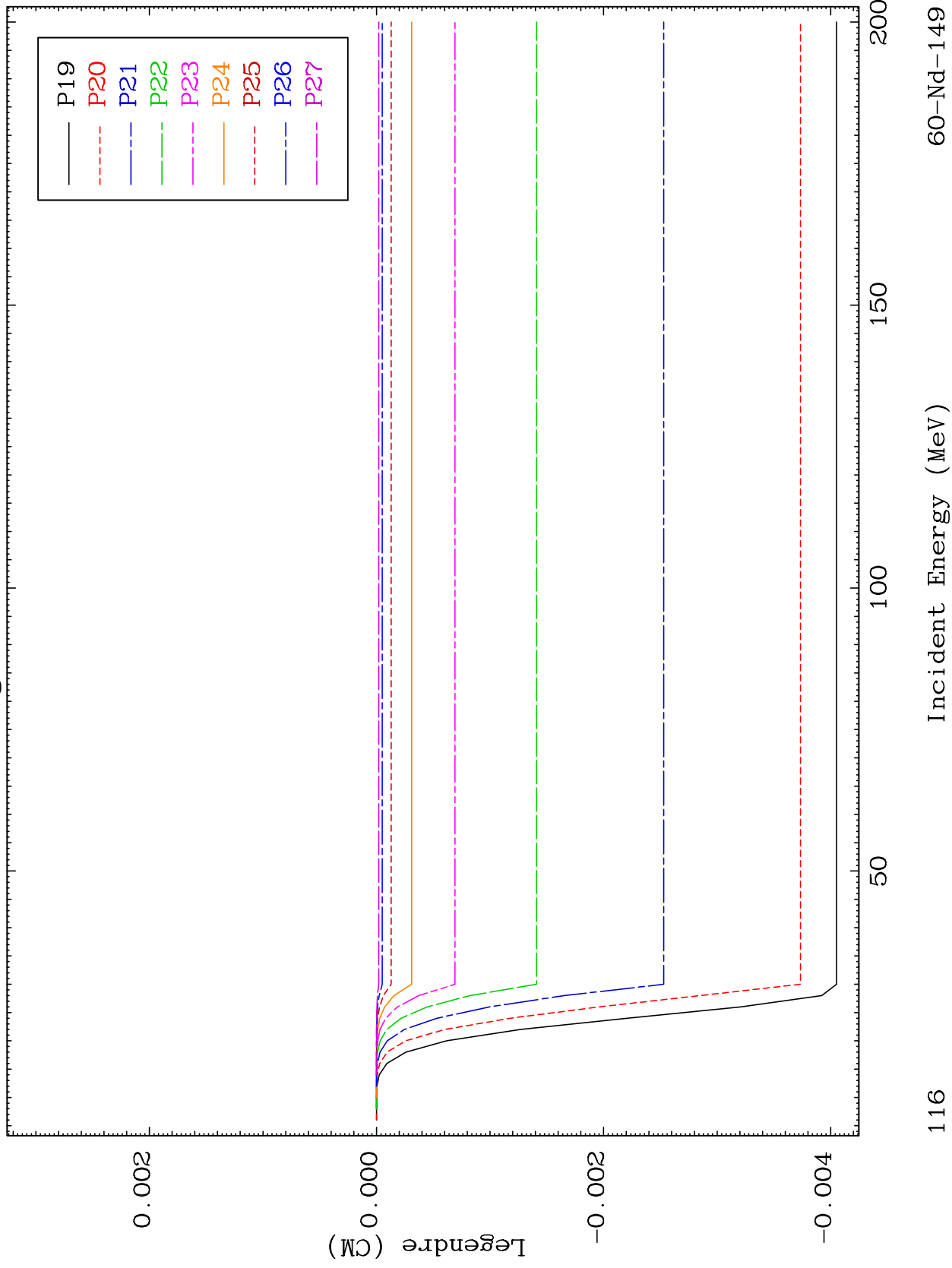
Incident Energy (MeV)

115

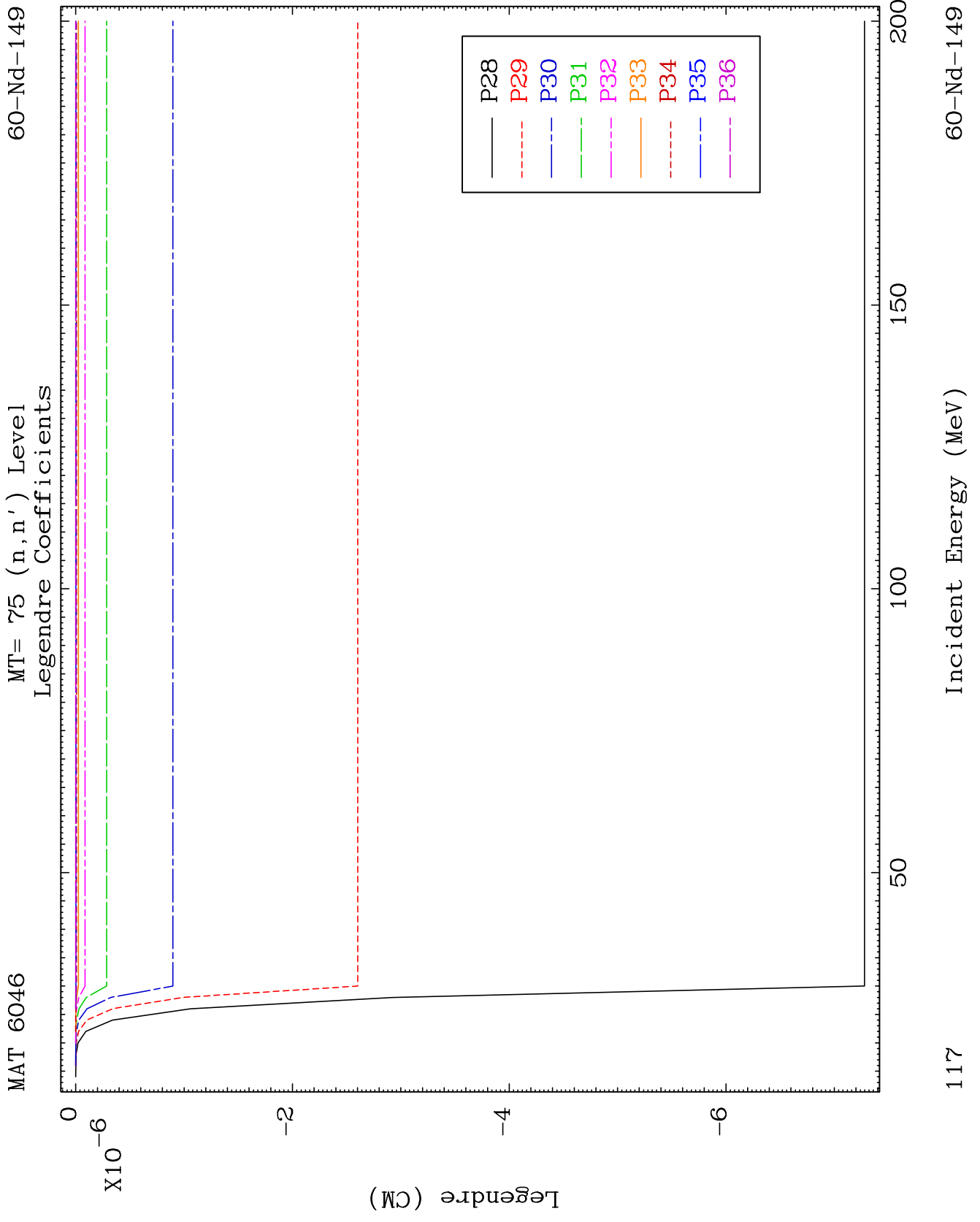
MAT 6046

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

60-Nd-149



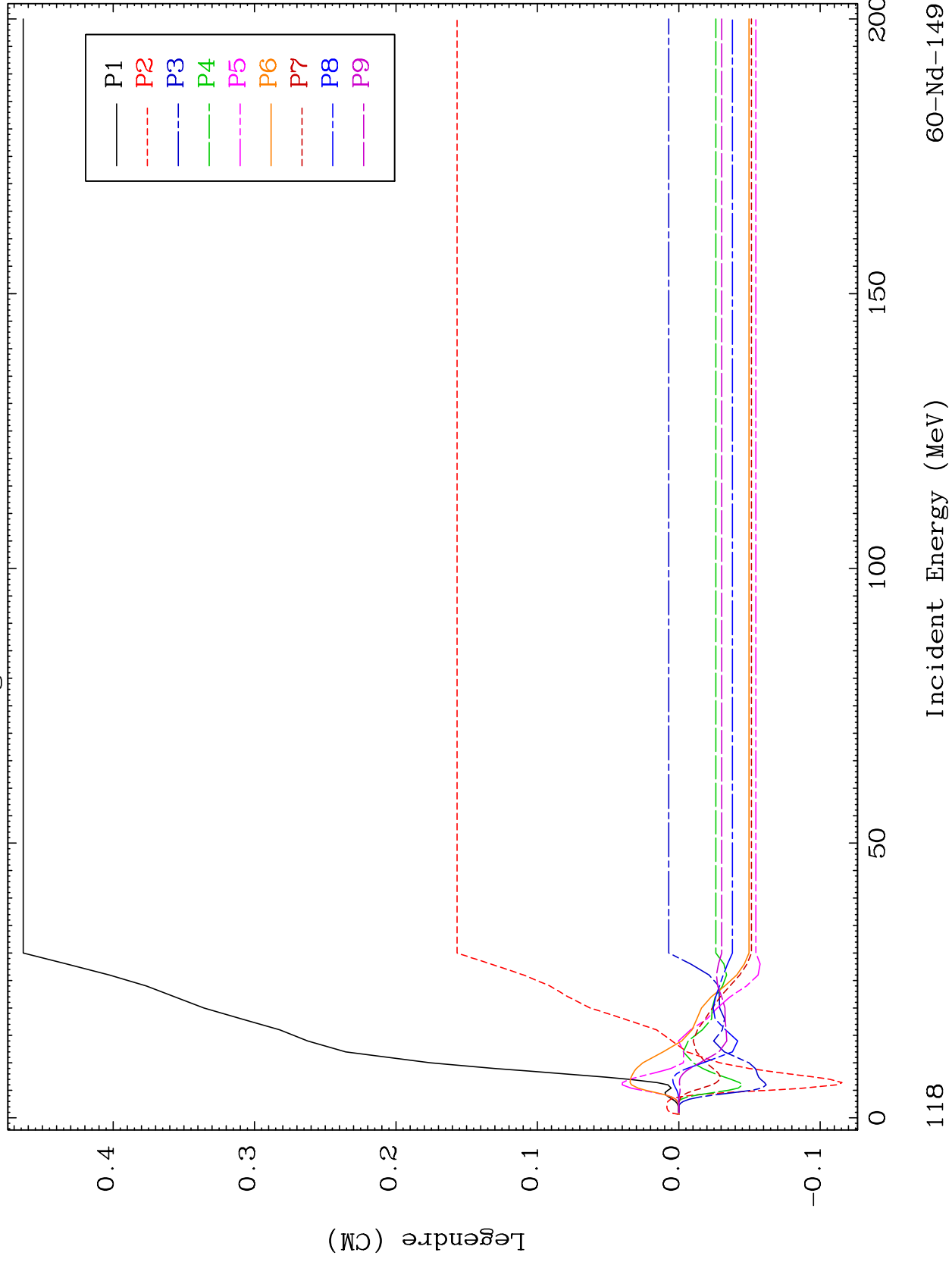
116



MAT 6046

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

60-Nd-149



60-Nd-149

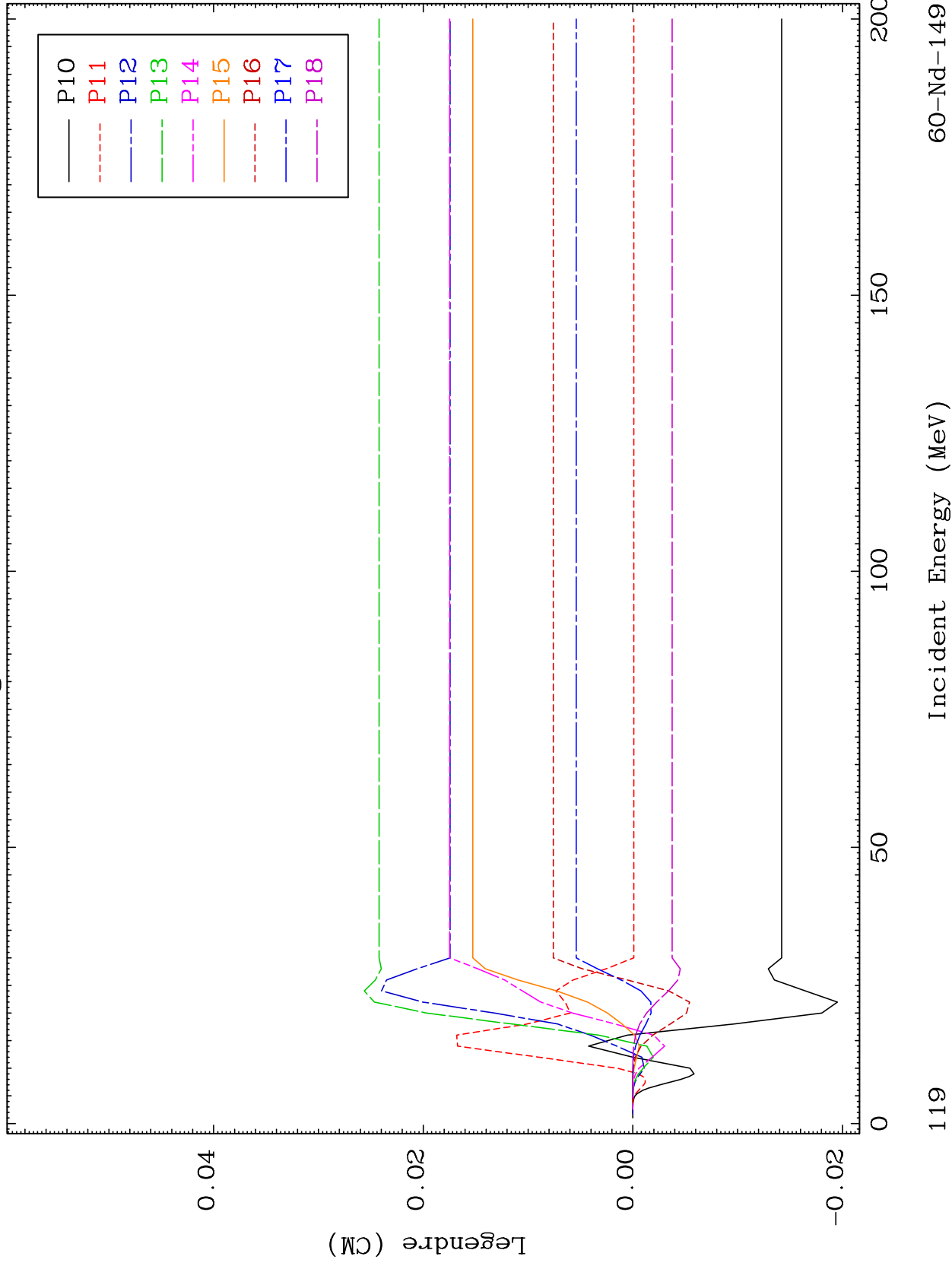
Incident Energy (MeV)

118

MAT 6046

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

60-Nd-149



60-Nd-149

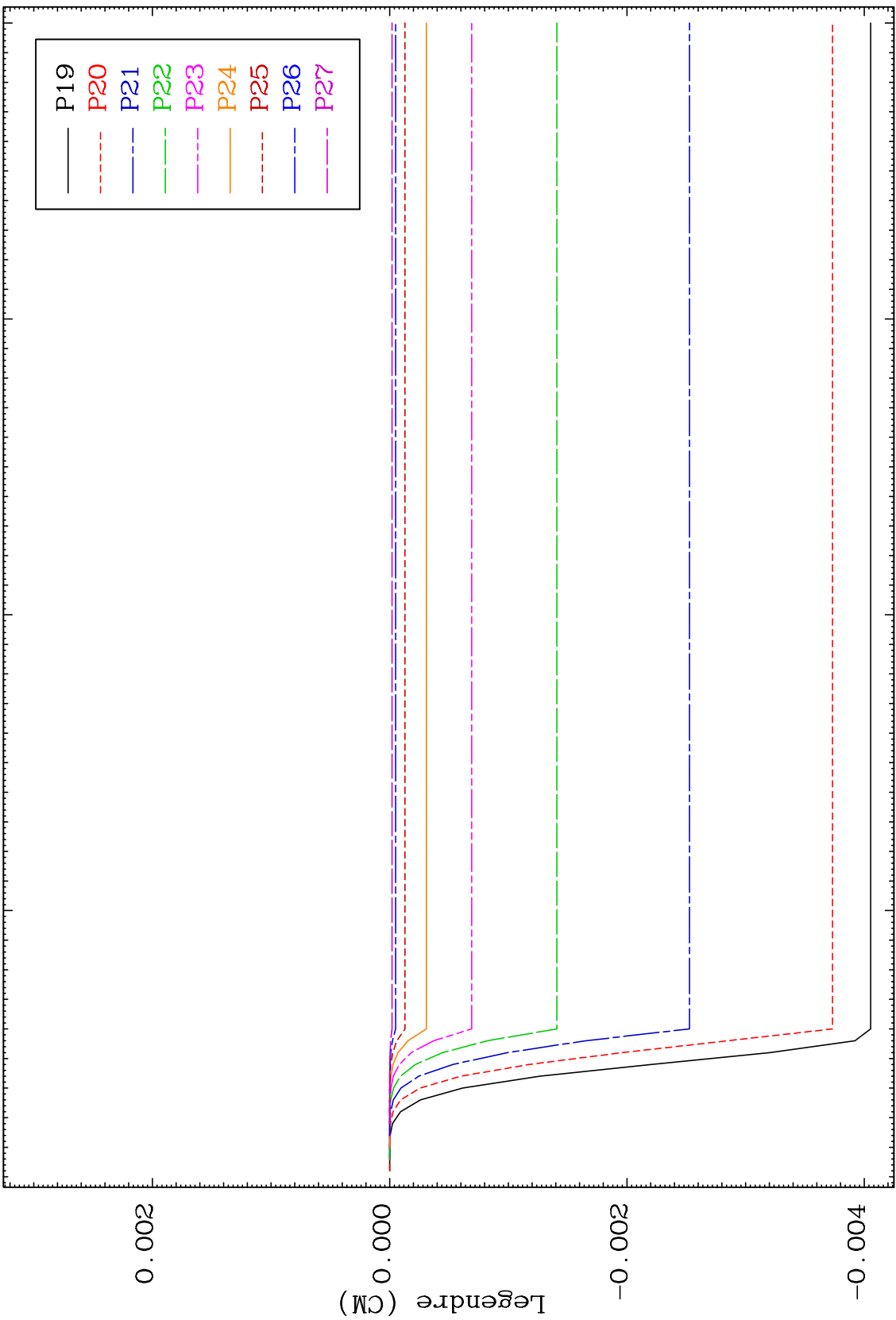
Incident Energy (MeV)

119

MAT 6046

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

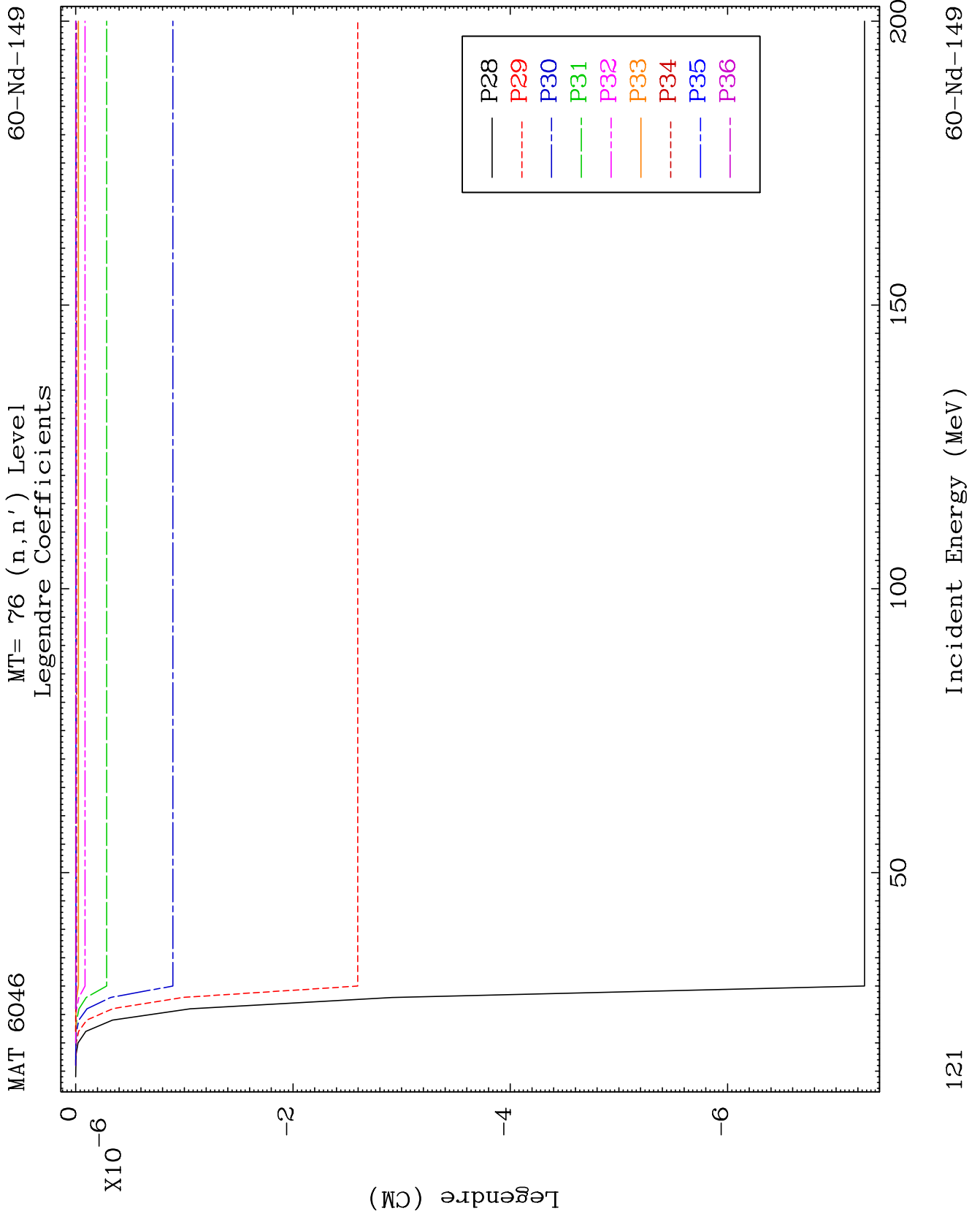
60-Nd-149



120

Incident Energy (MeV)

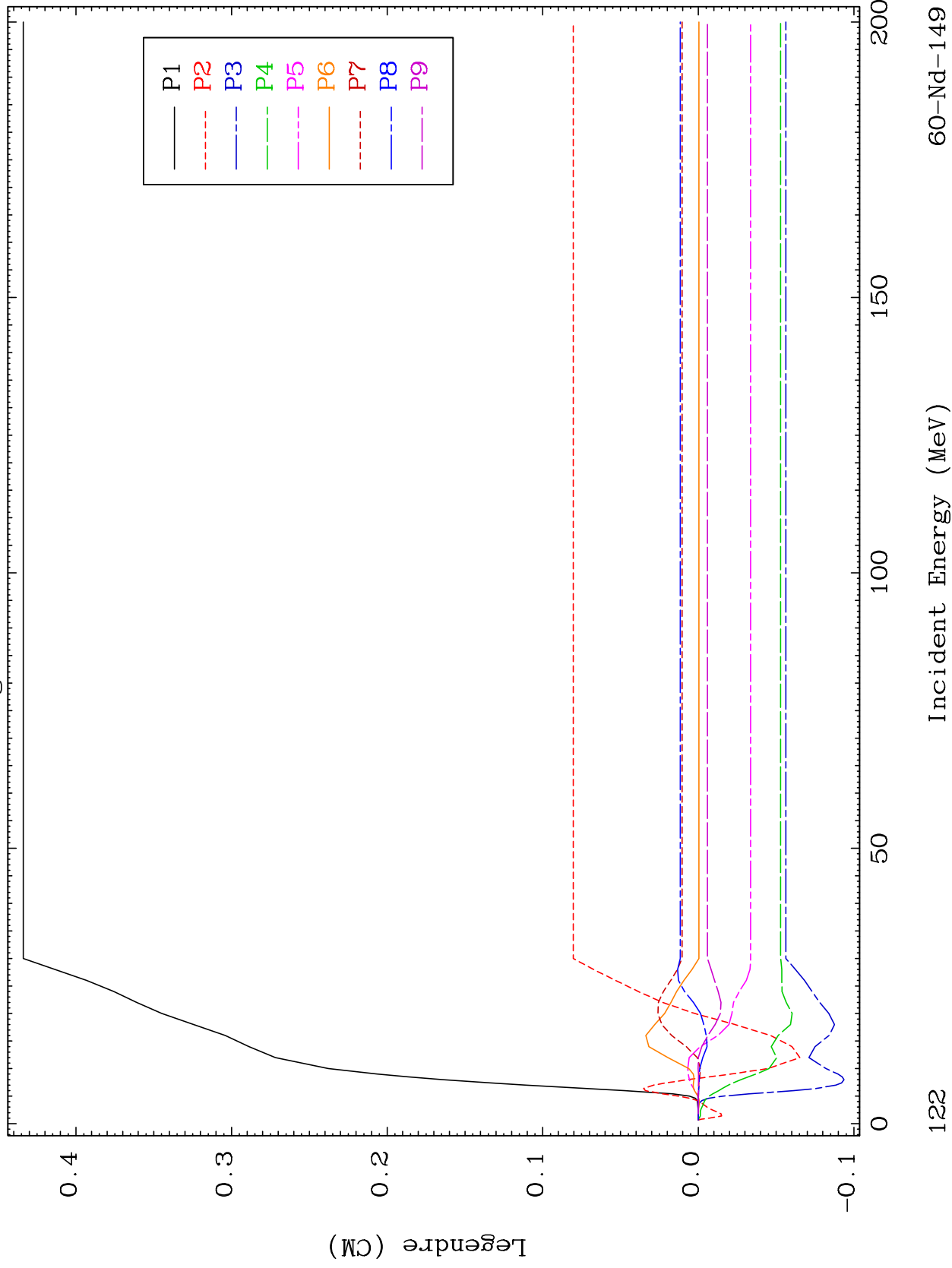
60-Nd-149



MAT 6046

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

60-Nd-149



60-Nd-149

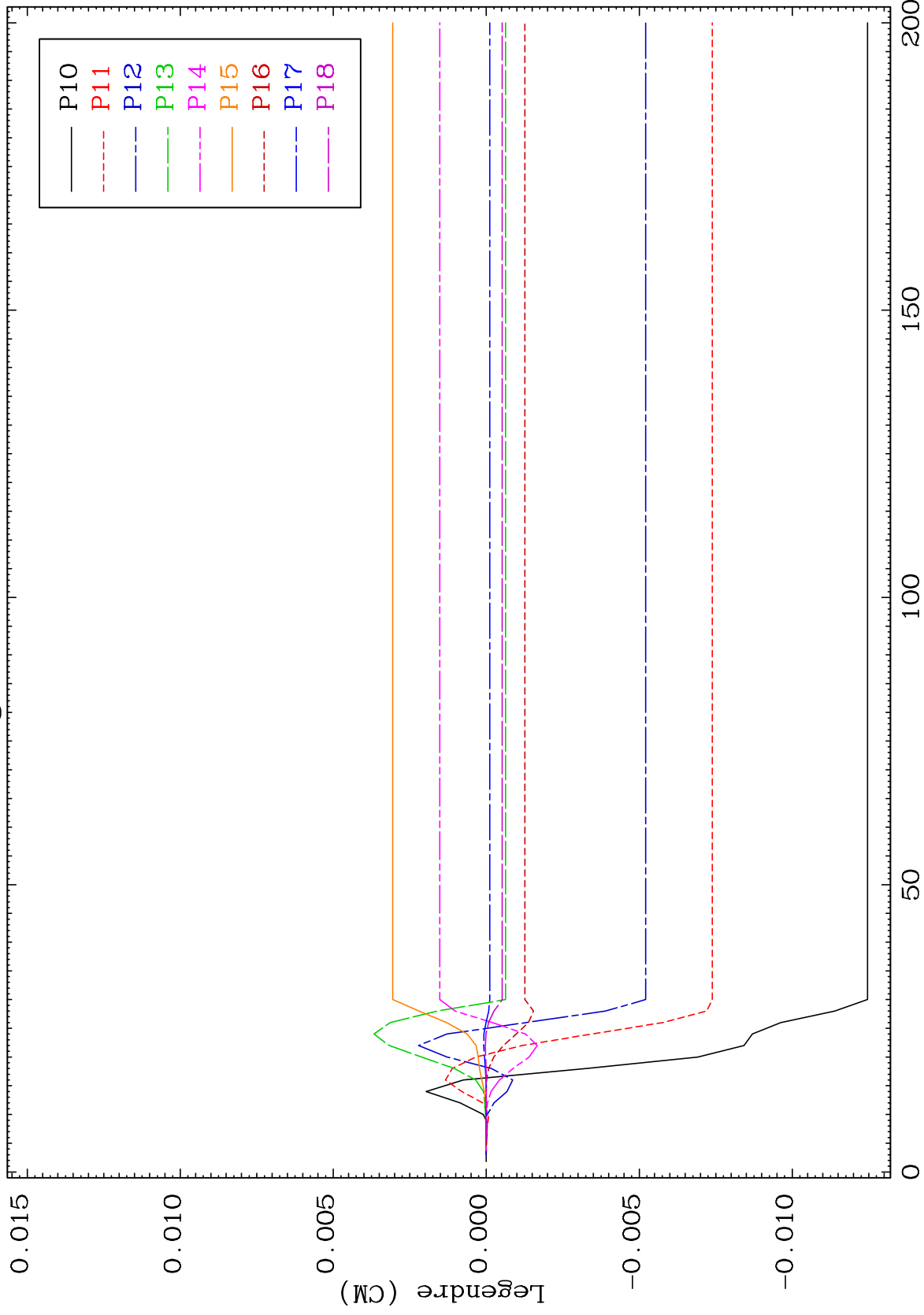
Incident Energy (MeV)

122

MAT 6046

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

60-Nd-149



123

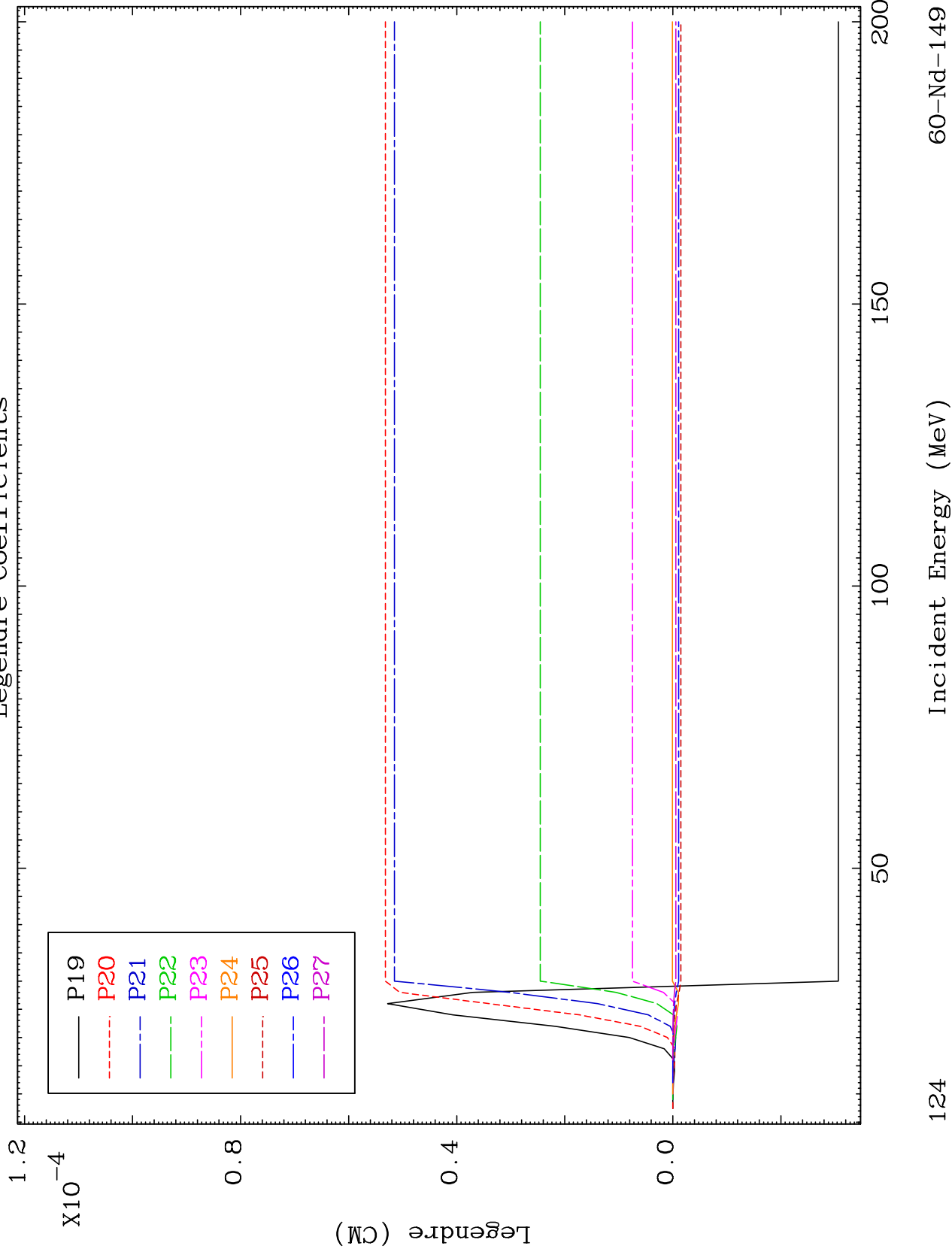
Incident Energy (MeV)

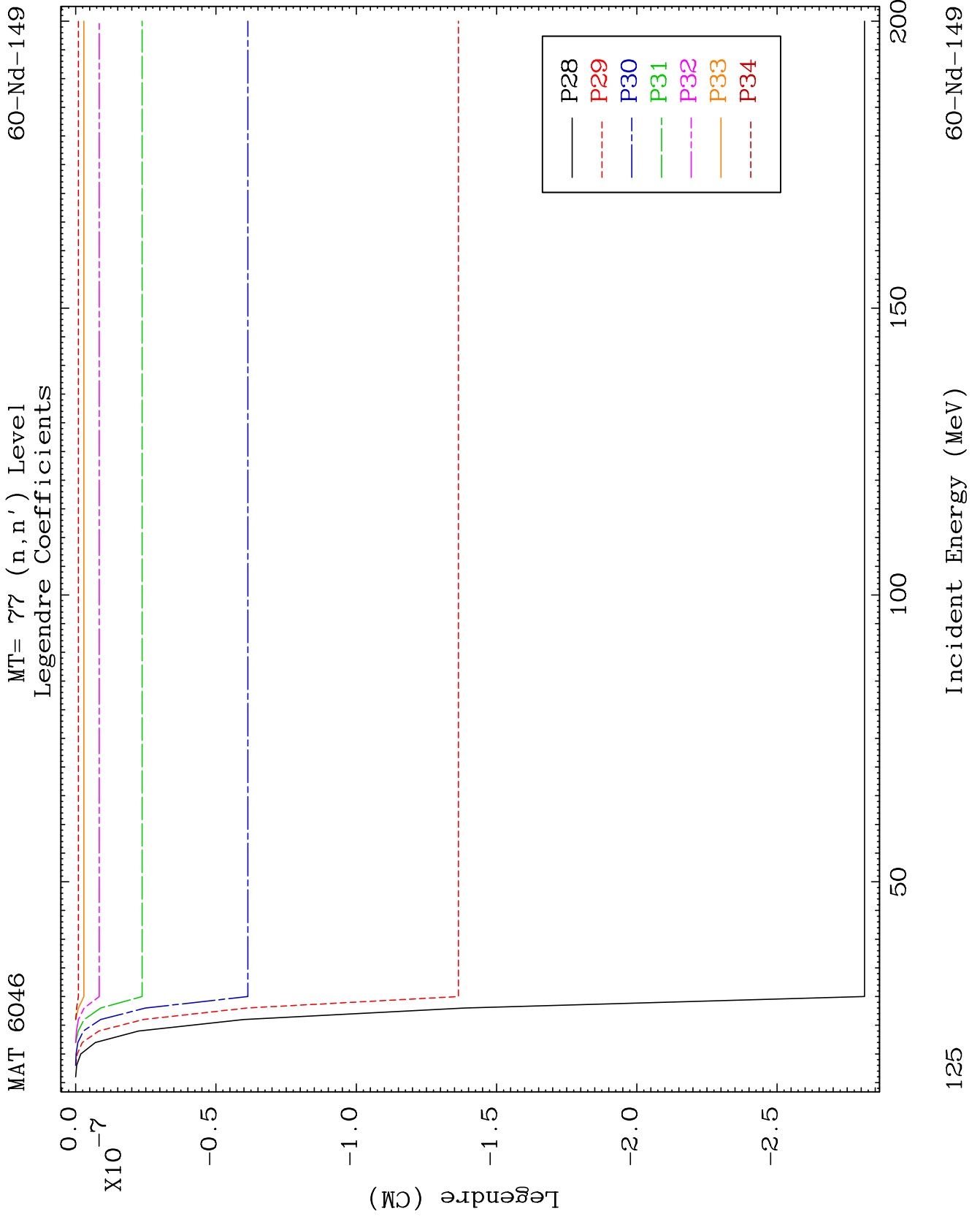
60-Nd-149

MAT 6046

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

60-Nd-149

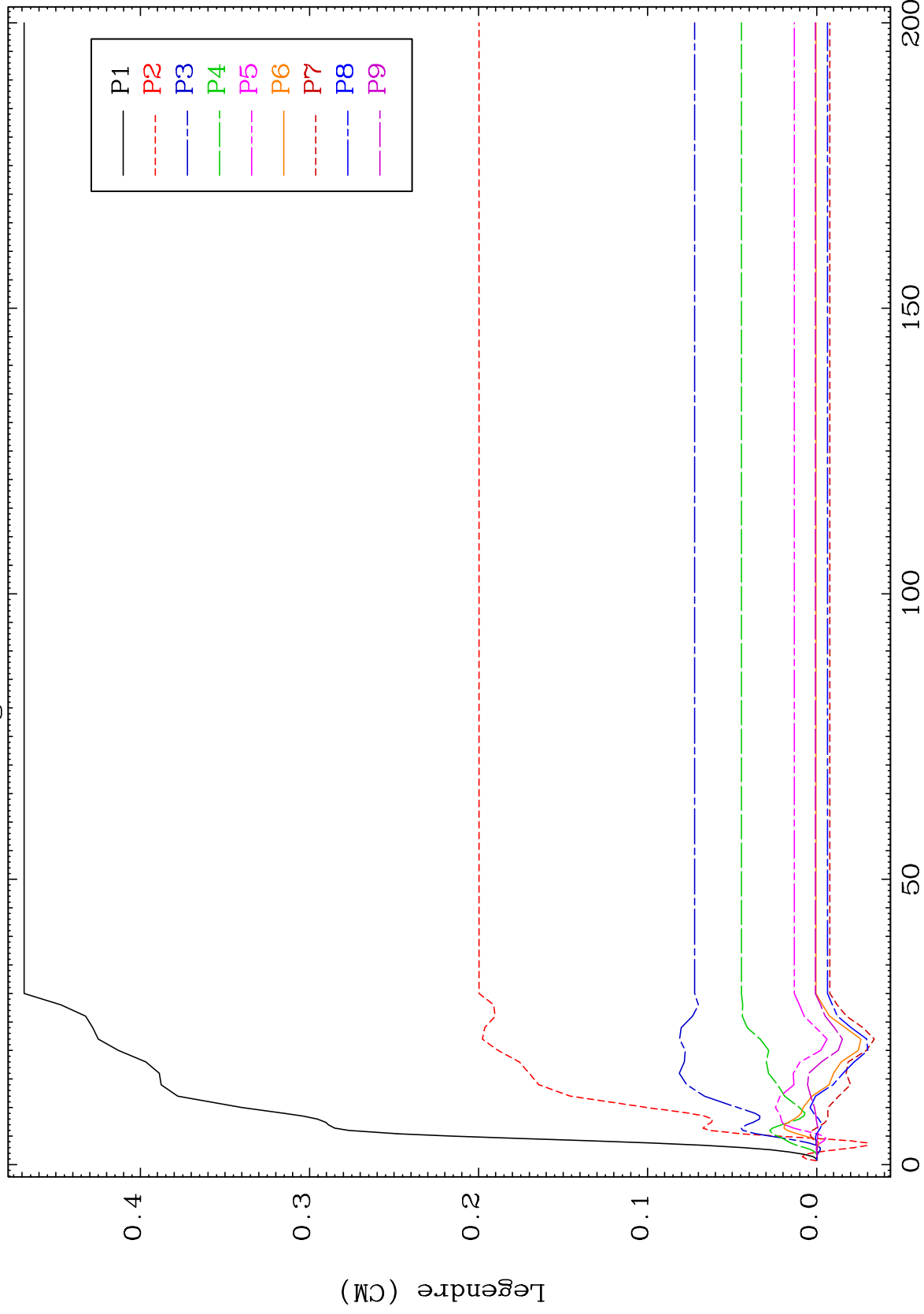




MAT 6046

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

60-Nd-149



126

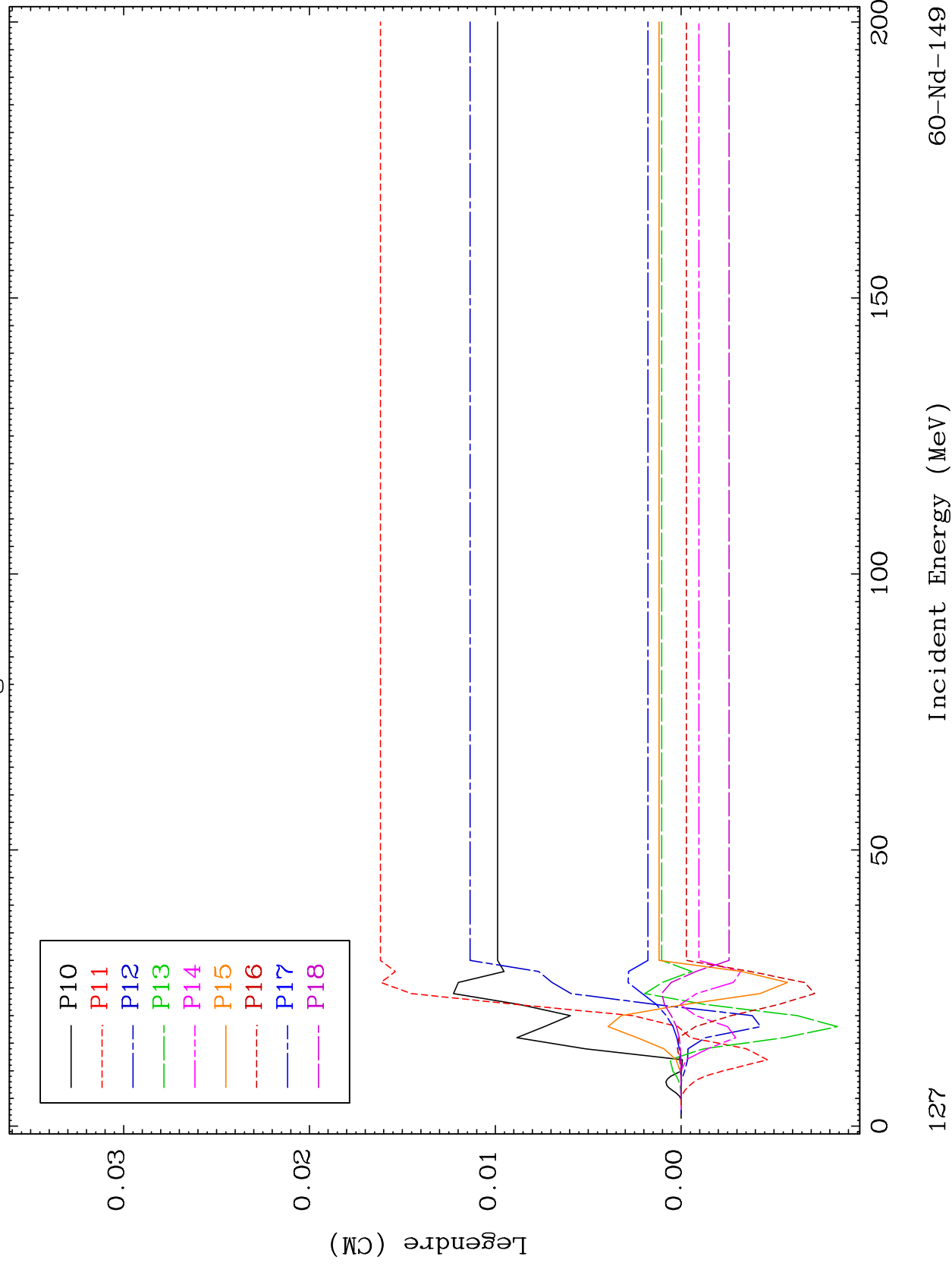
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



127

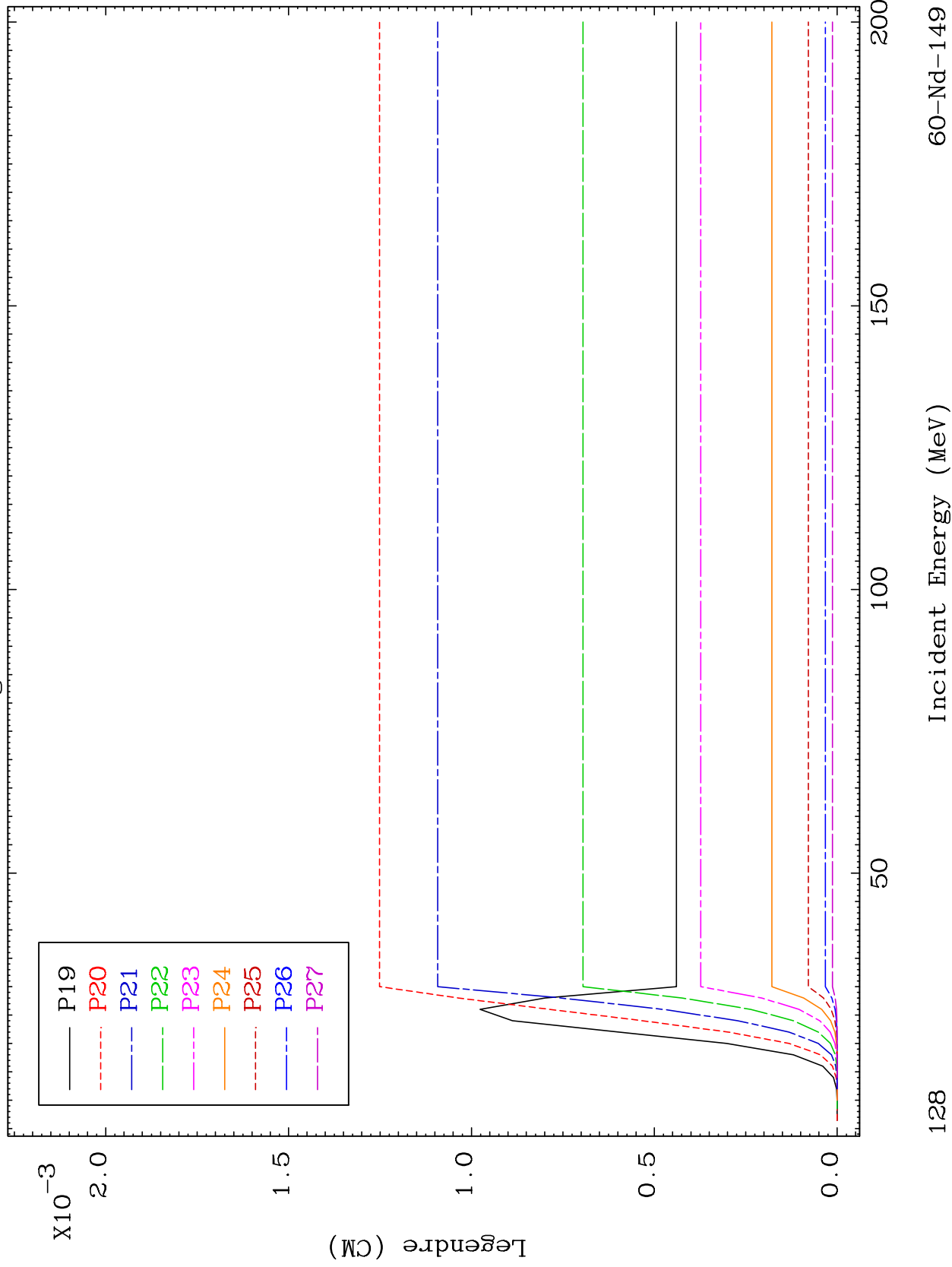
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

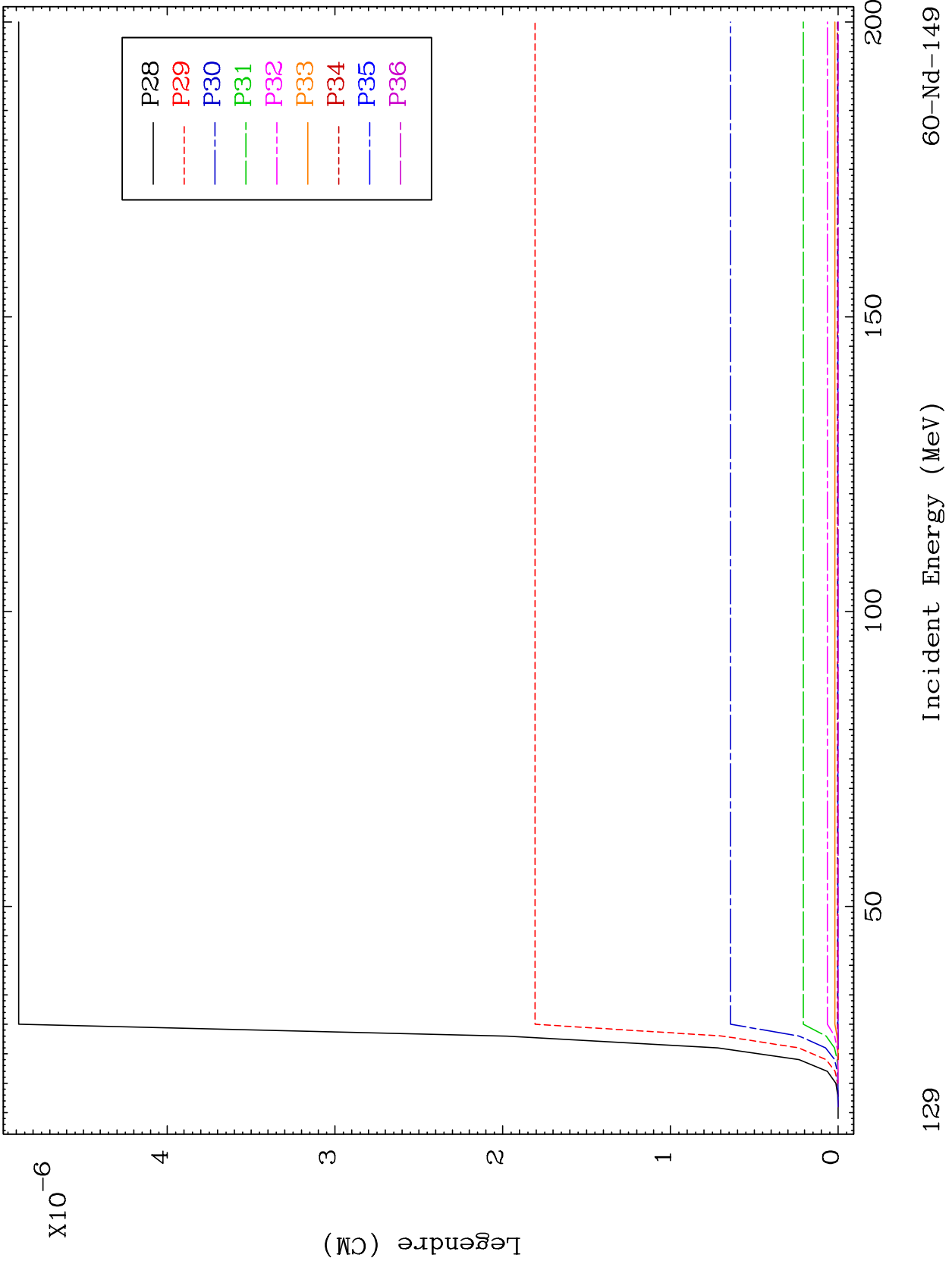
60-Nd-149



MAT 6046

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

60-Nd-149



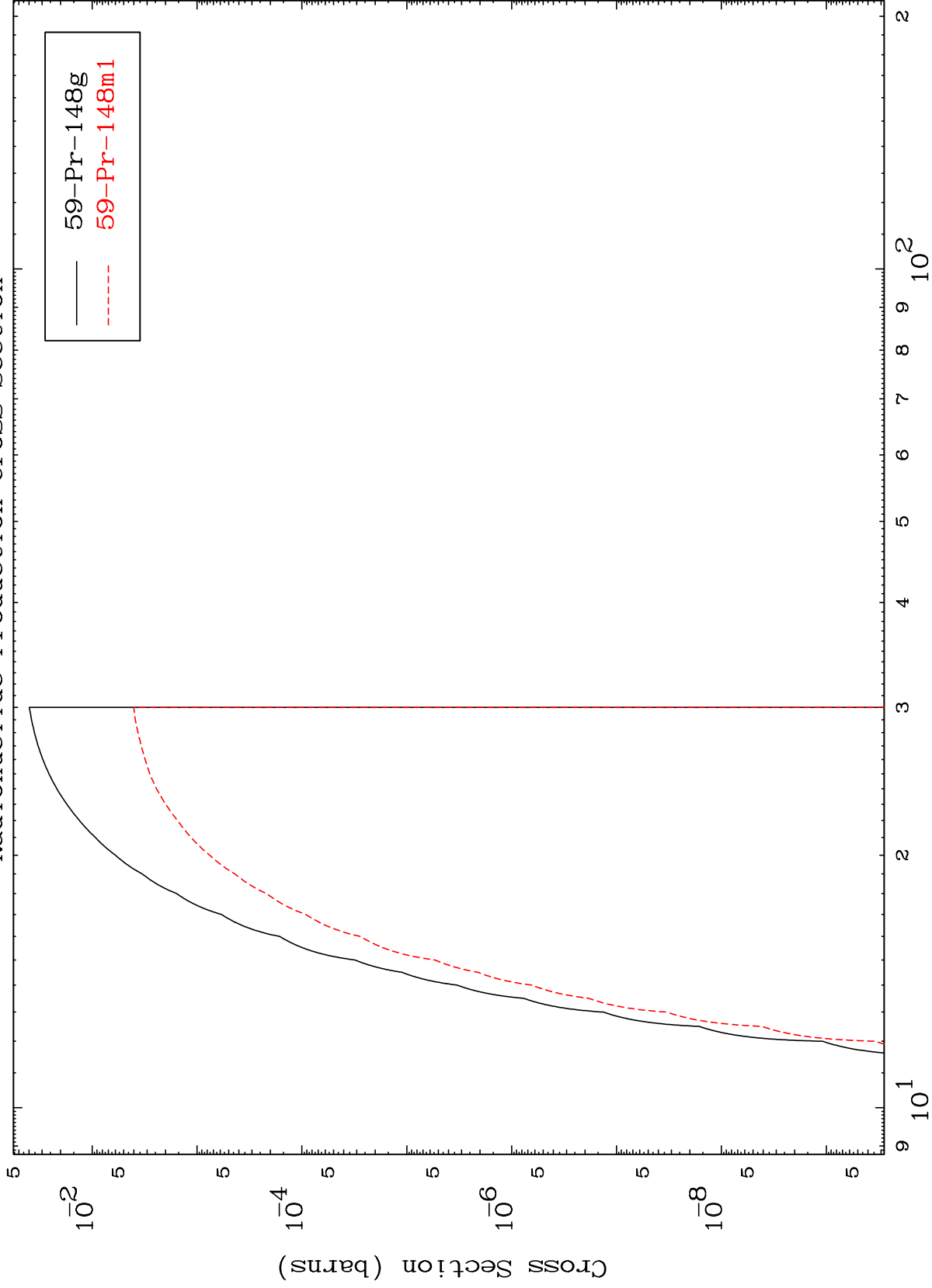
129

MAT 6046

(n,n') p

60-Nd-149

Radionuclide Production Cross Section



Incident Energy (MeV)

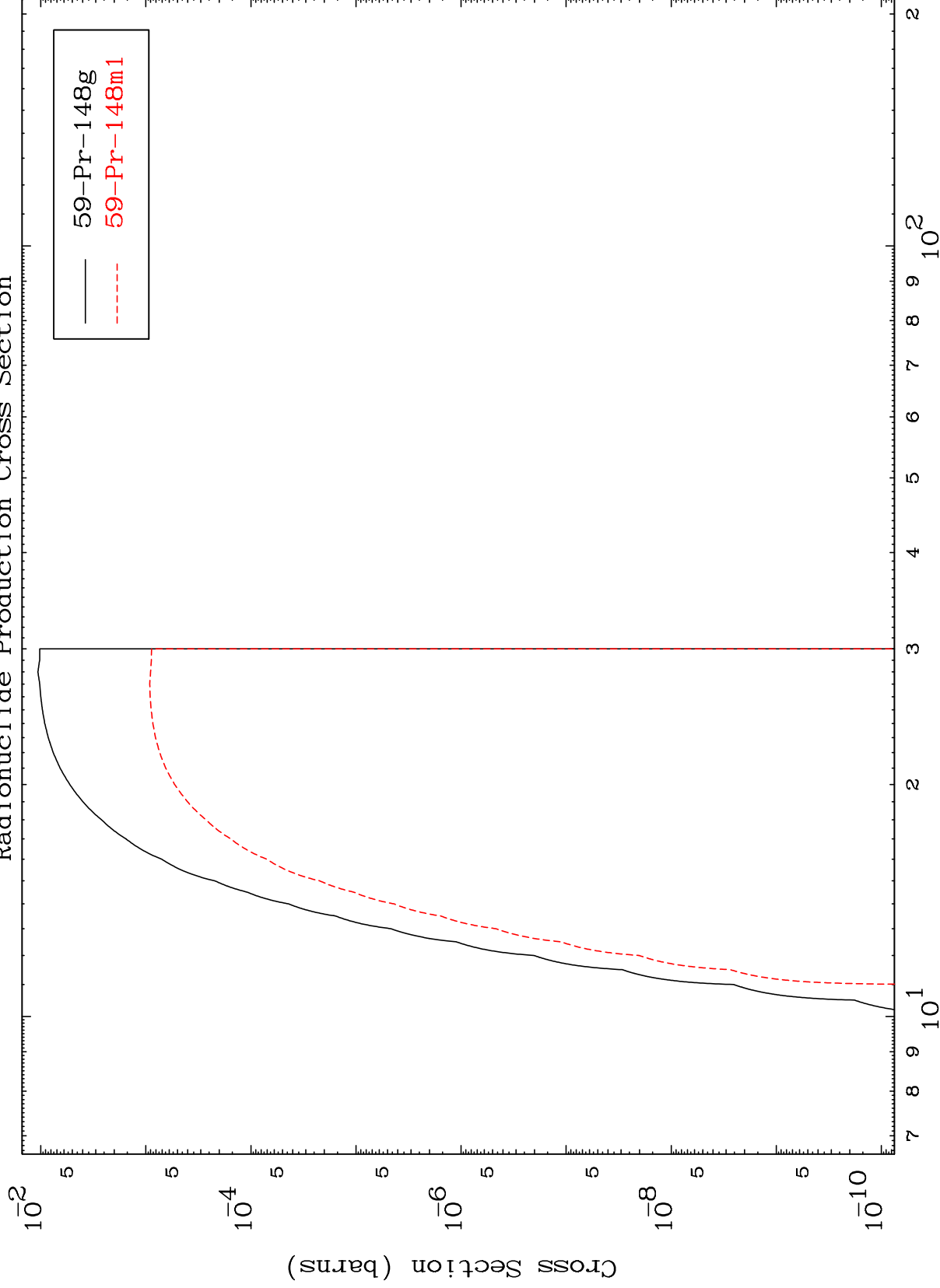
60-Nd-149

MAT 6046

(n,d)

60-Nd-149

Radionuclide Production Cross Section



131

Incident Energy (MeV)

60-Nd-149