

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

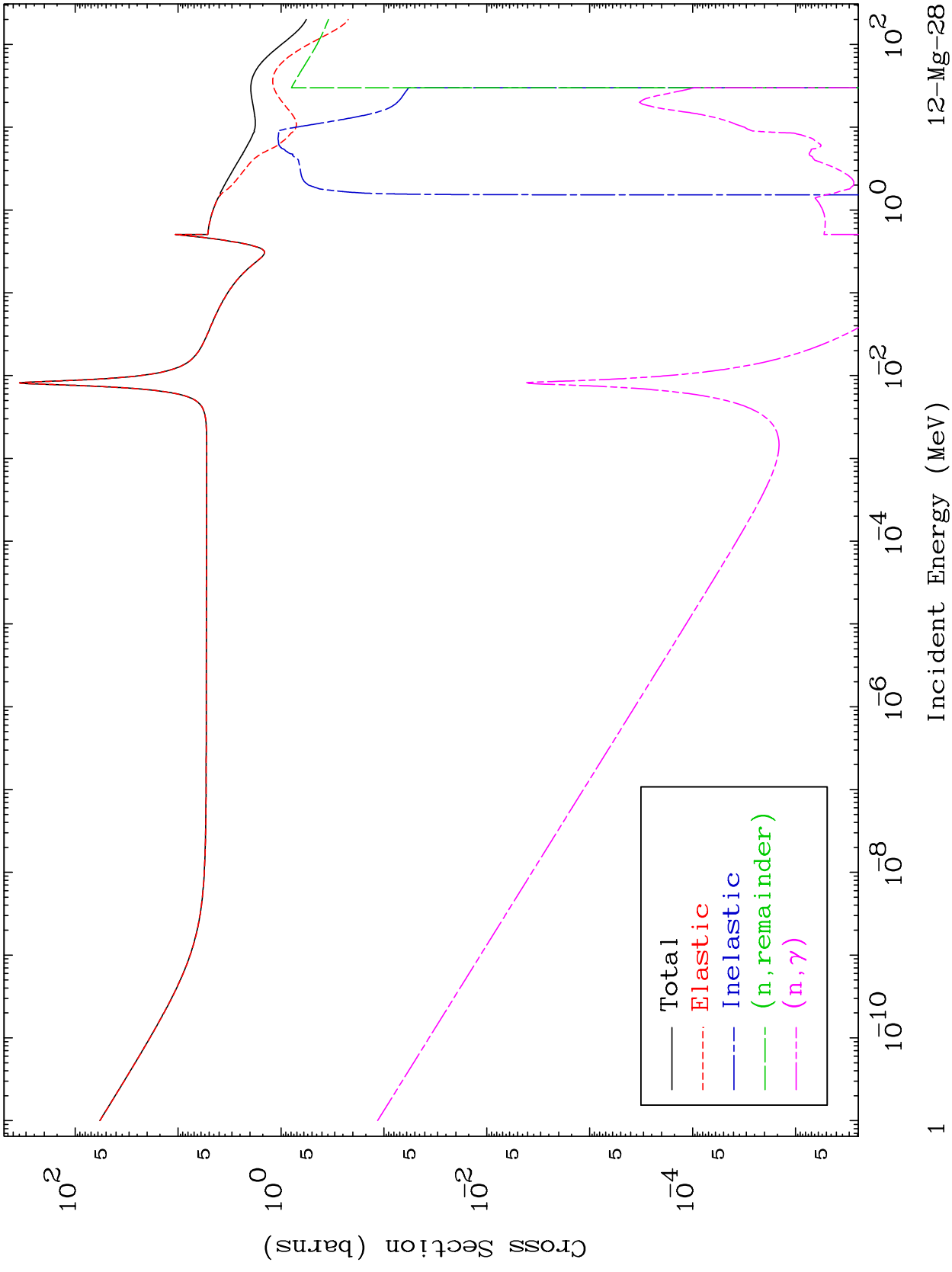
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1237

Major
293 Kelvin Cross Sections

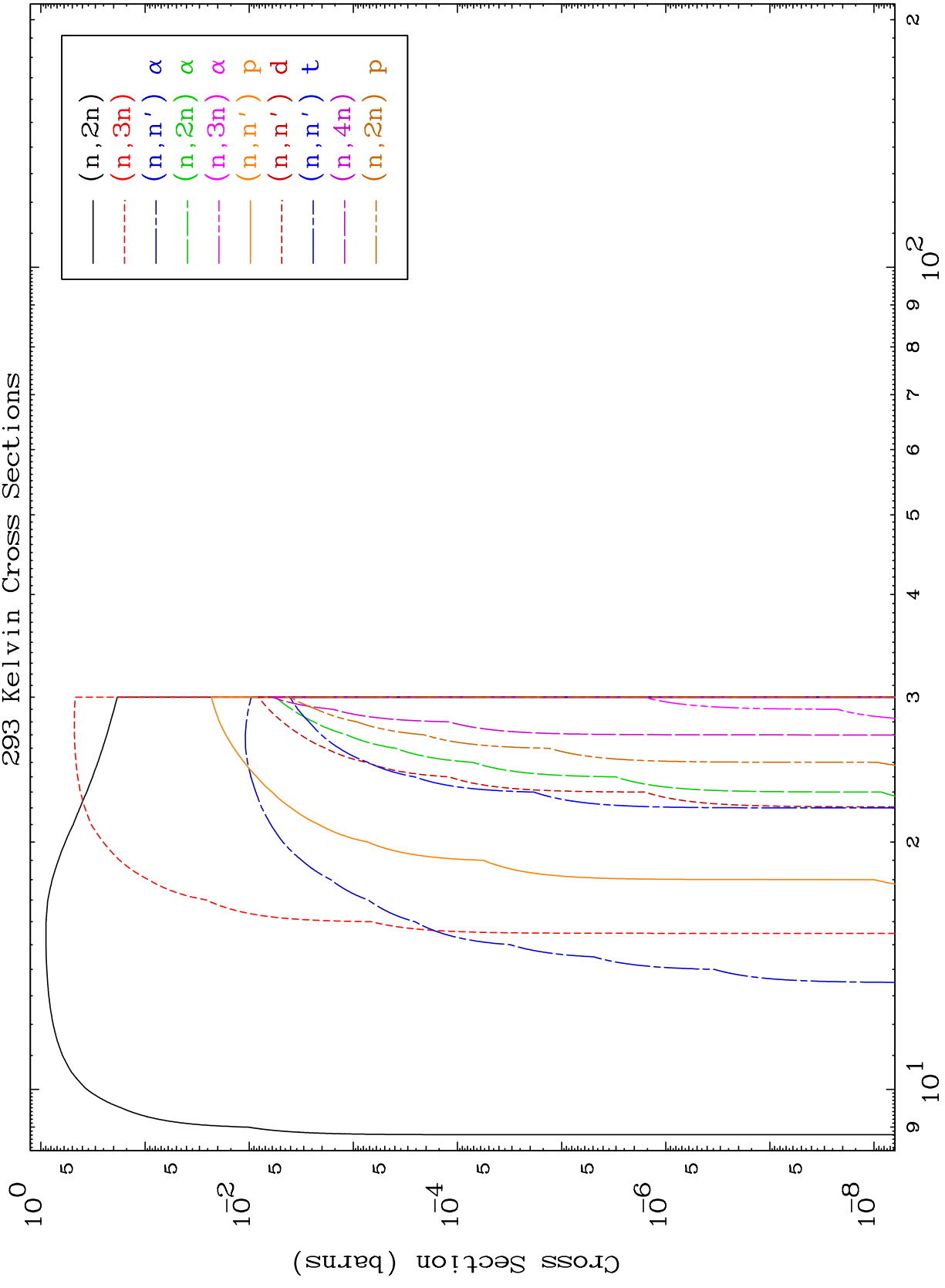
12-Mg-28



MAT 1237

Neutron Production
293 Kelvin Cross Sections

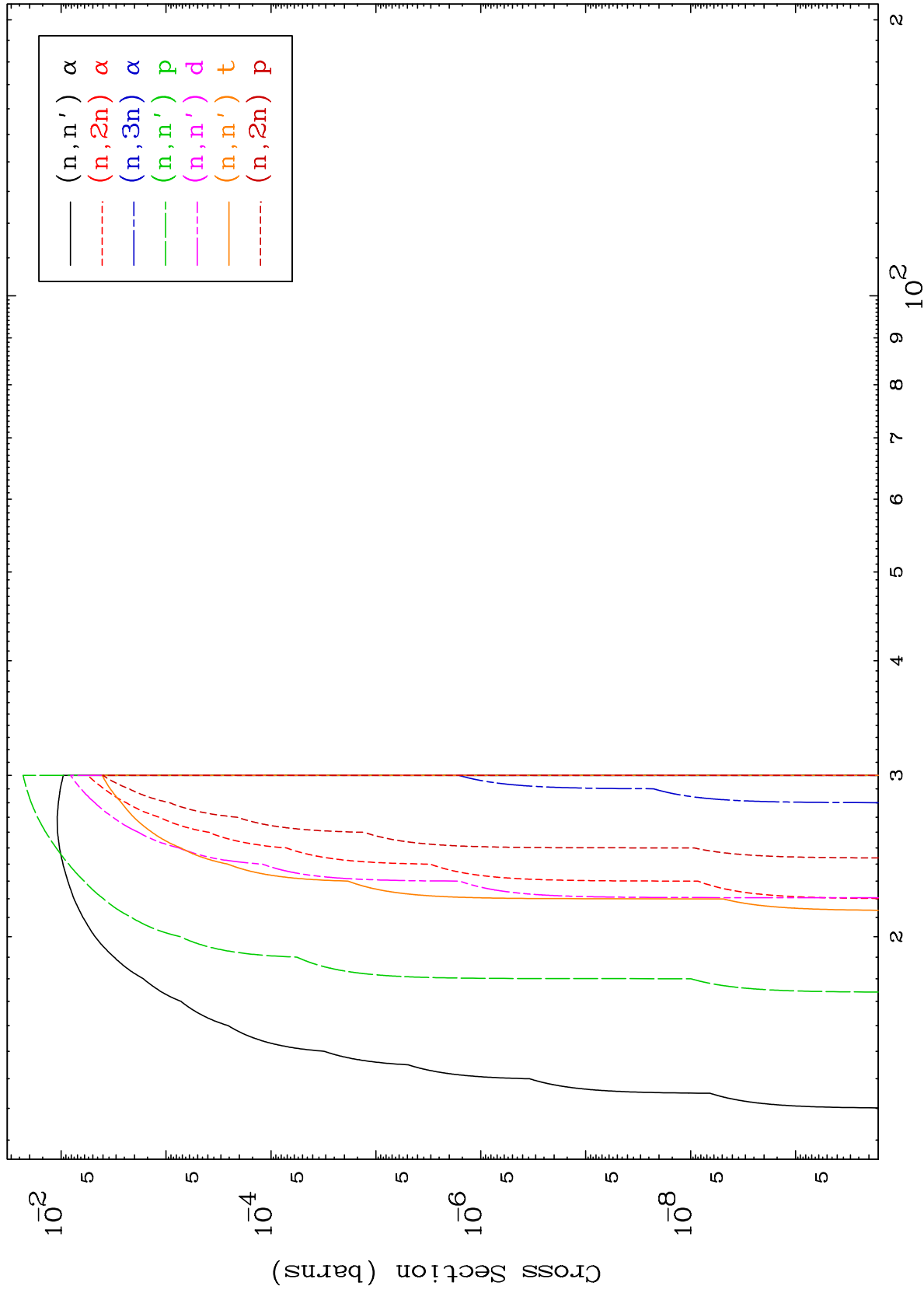
12-Mg-28



MAT 1237

Charged Particle
293 Kelvin Cross Sections

12-Mg-28



3

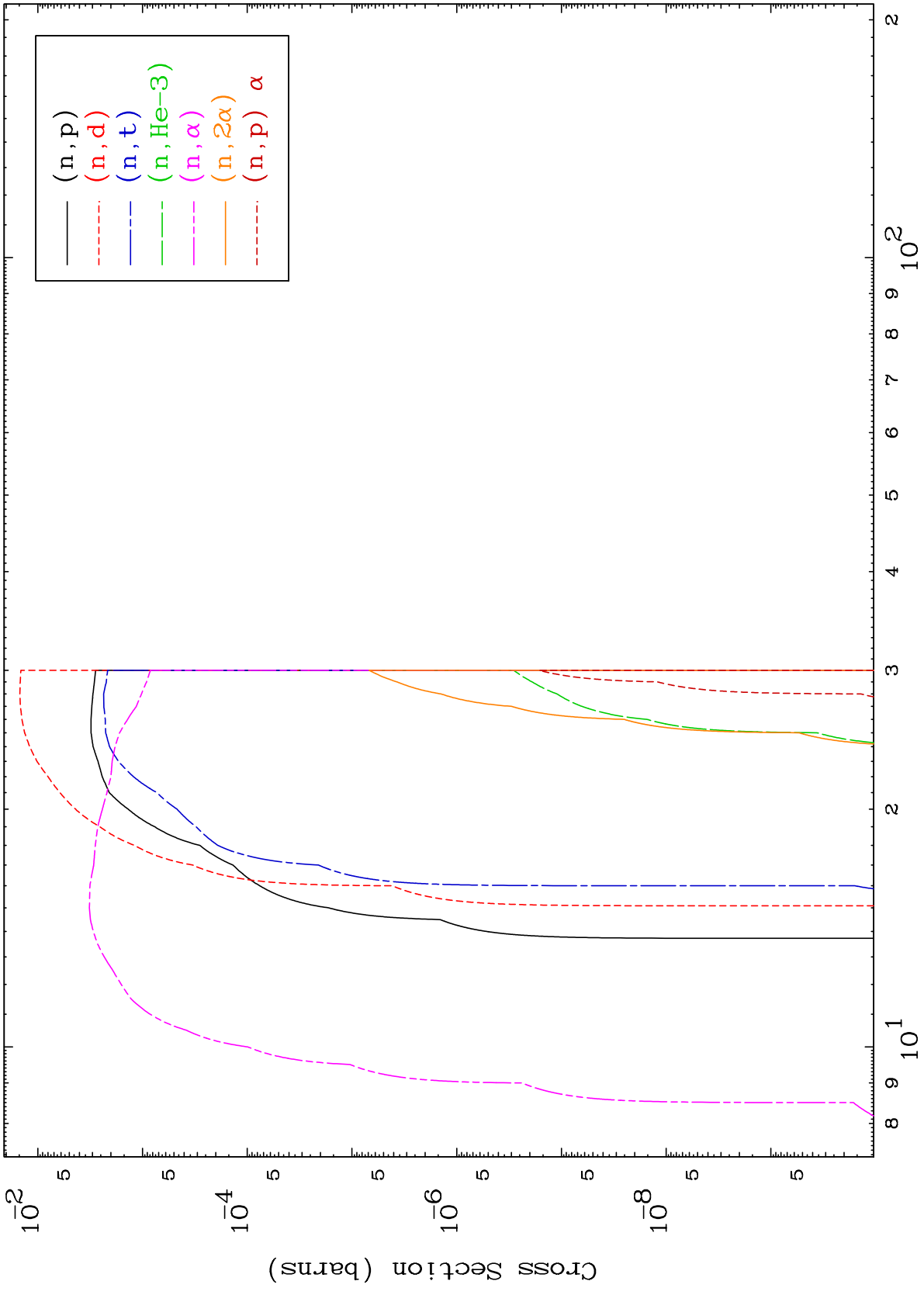
Incident Energy (MeV)

12-Mg-28

MAT 1237

Charged Particle
293 Kelvin Cross Sections

12-Mg-28



4

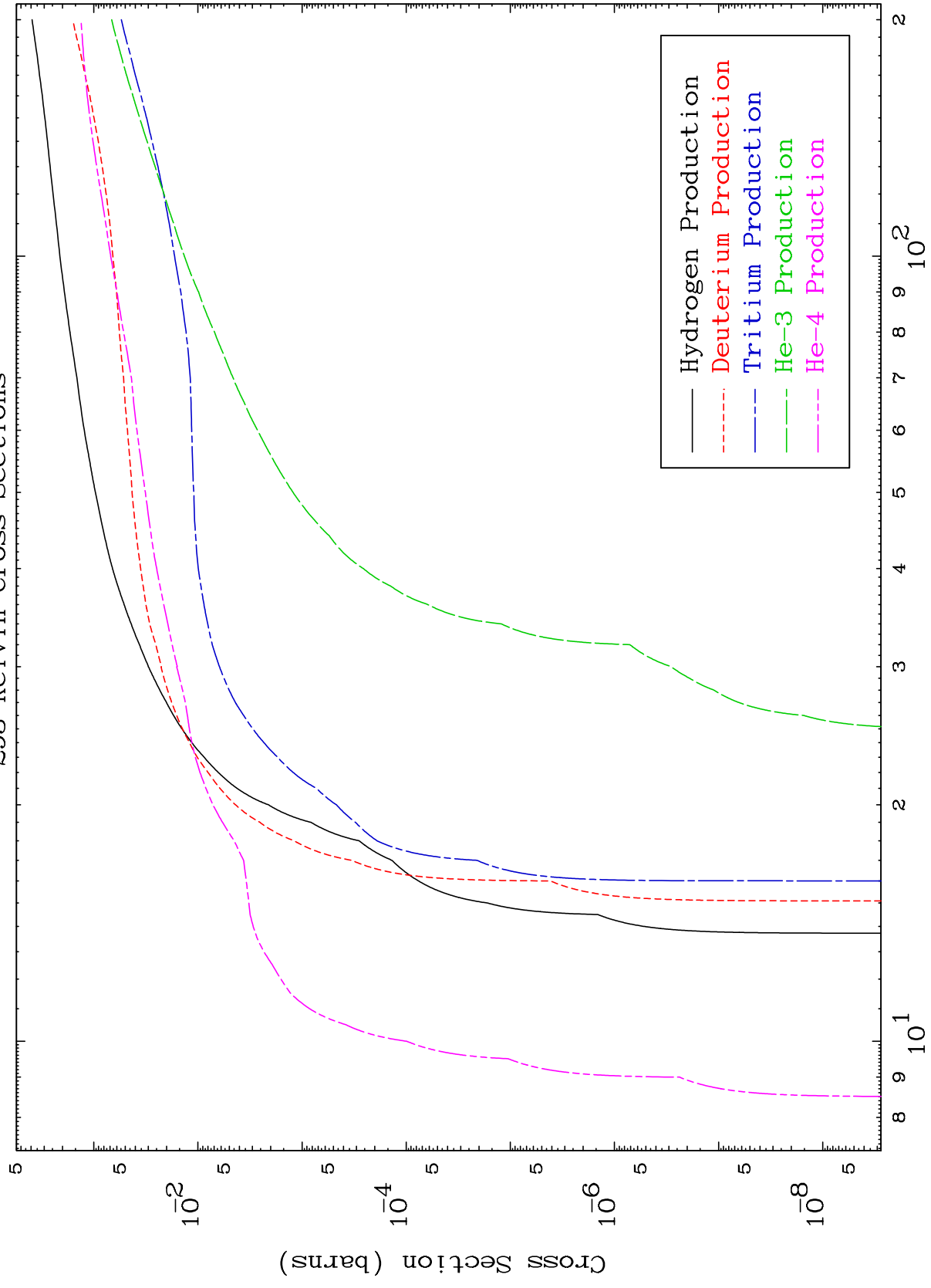
Incident Energy (MeV)

12-Mg-28

MAT 1237

Particle Production
293 Kelvin Cross Sections

12-Mg-28



5

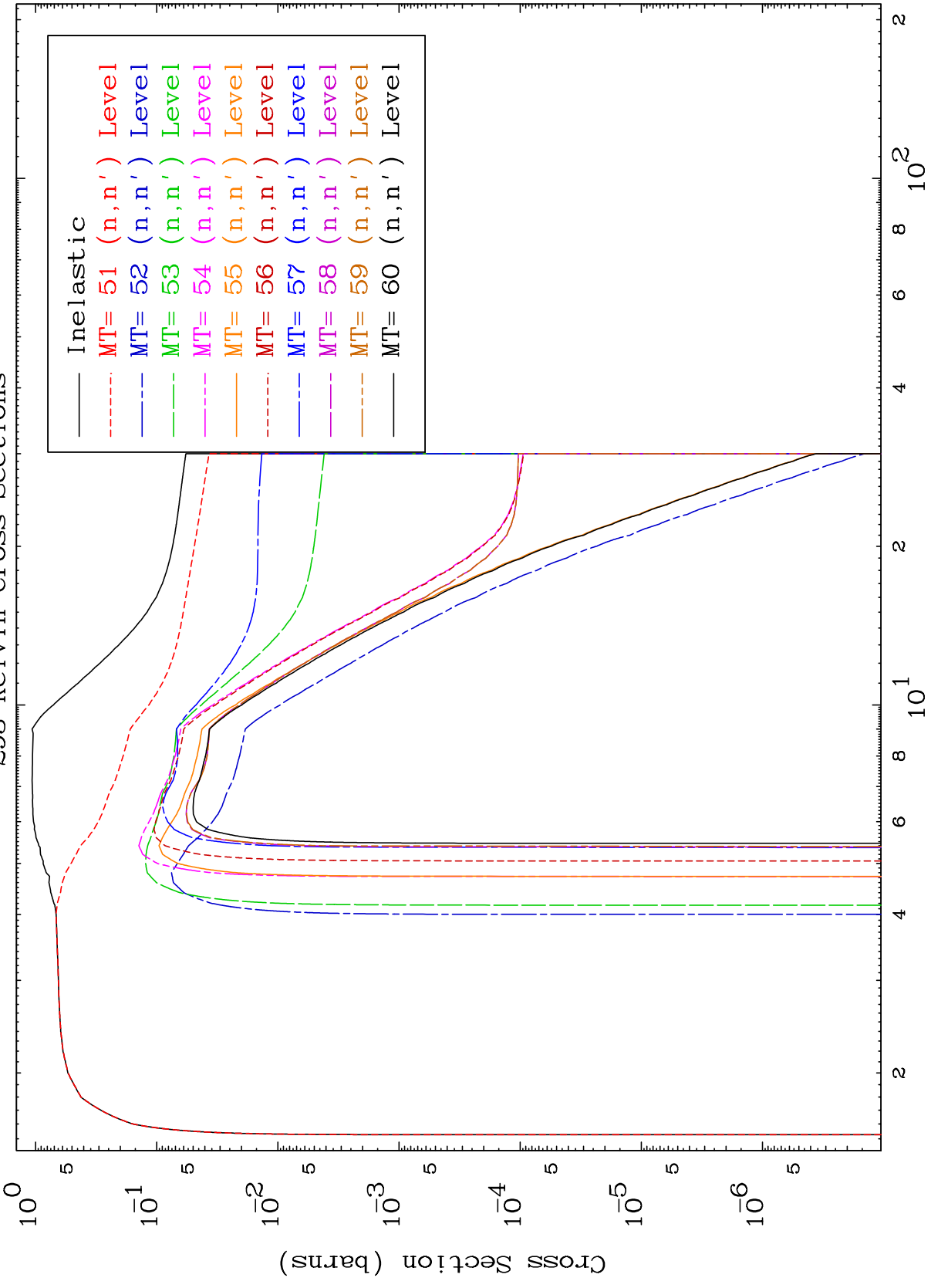
Incident Energy (MeV)

12-Mg-28

MAT 1237

(n,n') Level
293 Kelvin Cross Sections

12-Mg-28



6

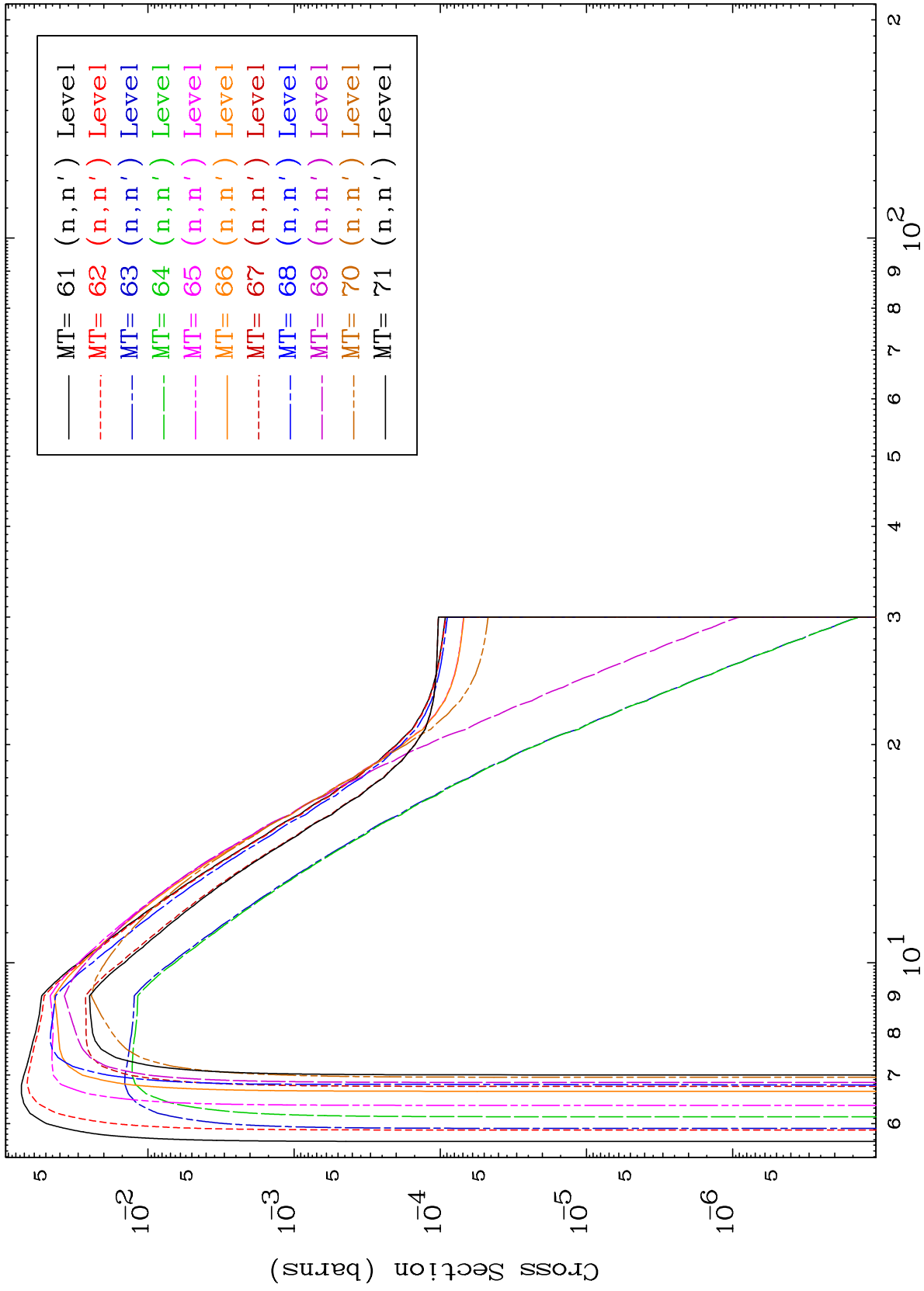
Incident Energy (MeV)

12-Mg-28

MAT 1237

(n,n') Level
293 Kelvin Cross Sections

12-Mg-28



7

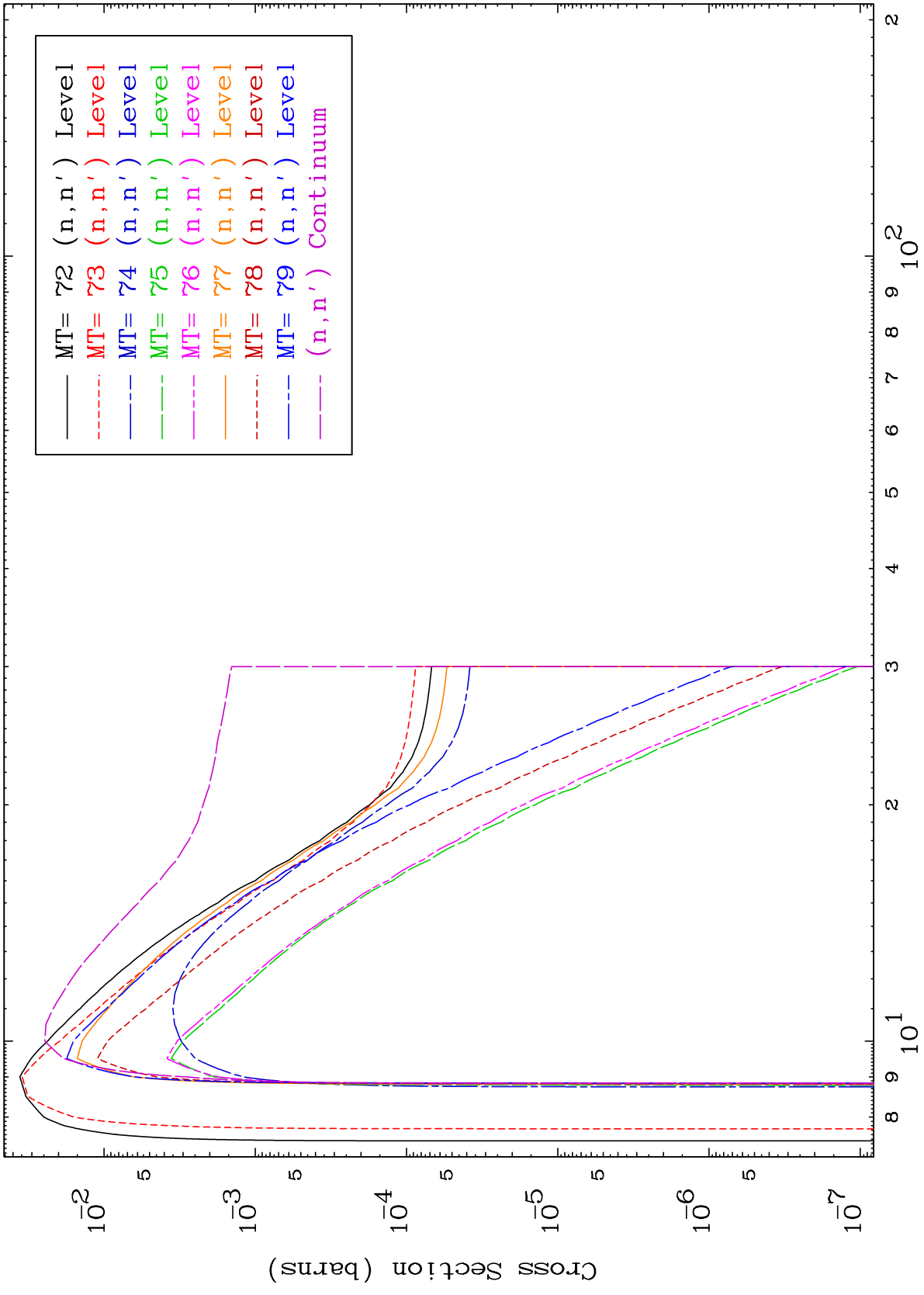
Incident Energy (MeV)

12-Mg-28

MAT 1237

(n,n') Level
293 Kelvin Cross Sections

12-Mg-28



8

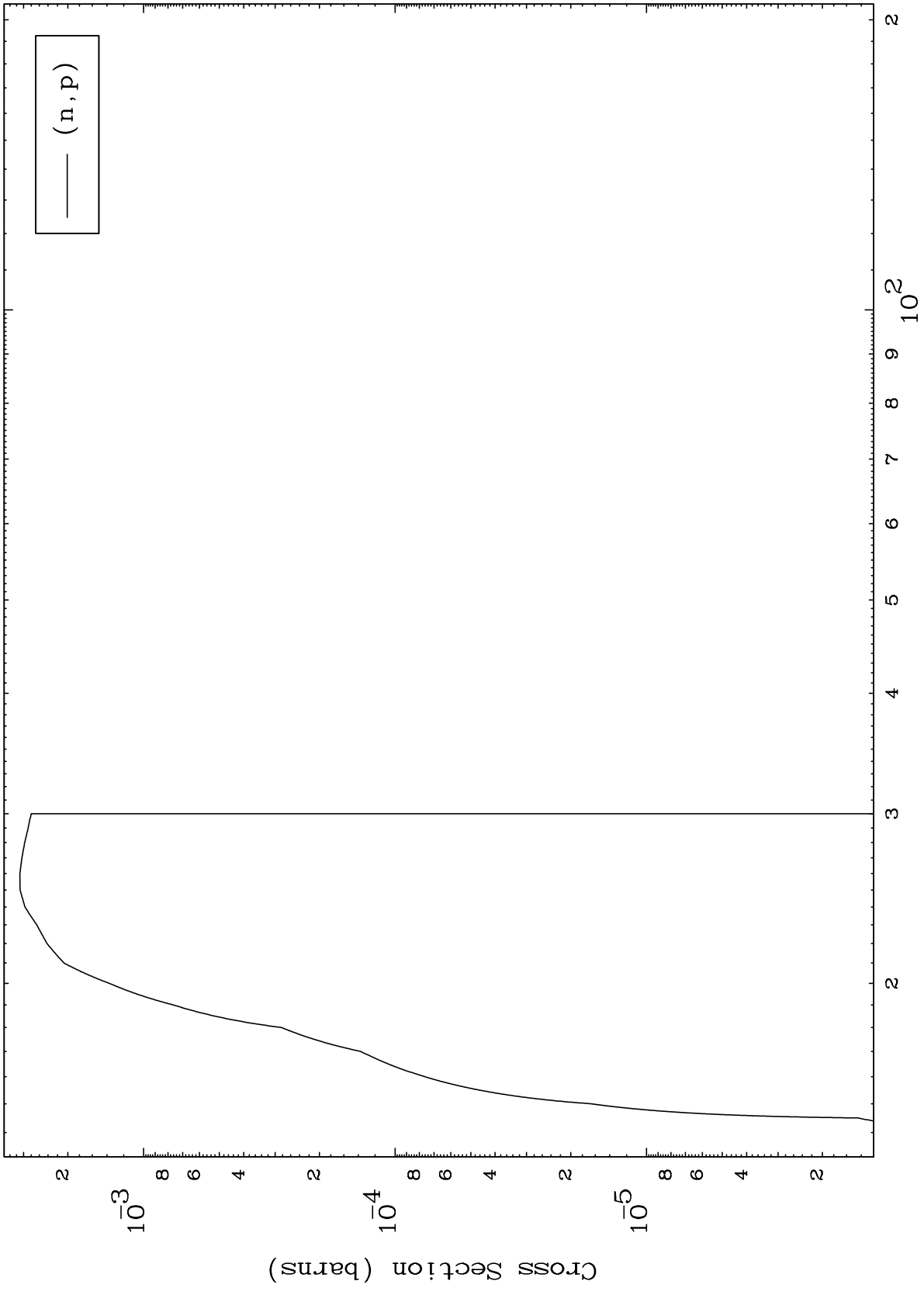
Incident Energy (MeV)

12-Mg-28

MAT 1237

(n,p) Levels
293 Kelvin Cross Sections

12-Mg-28

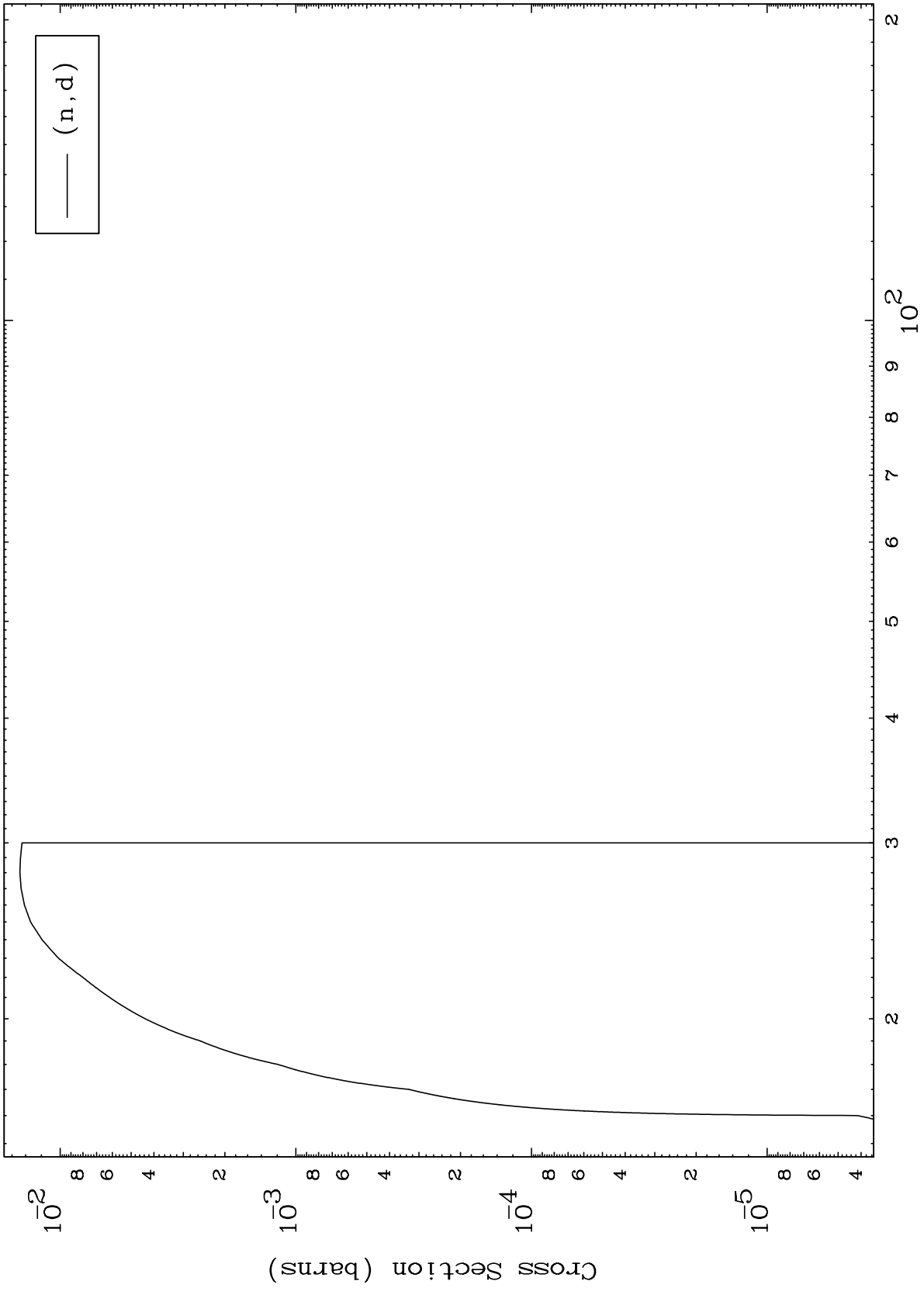


12-Mg-28

MAT 1237

(n,d) Levels
293 Kelvin Cross Sections

12-Mg-28



10

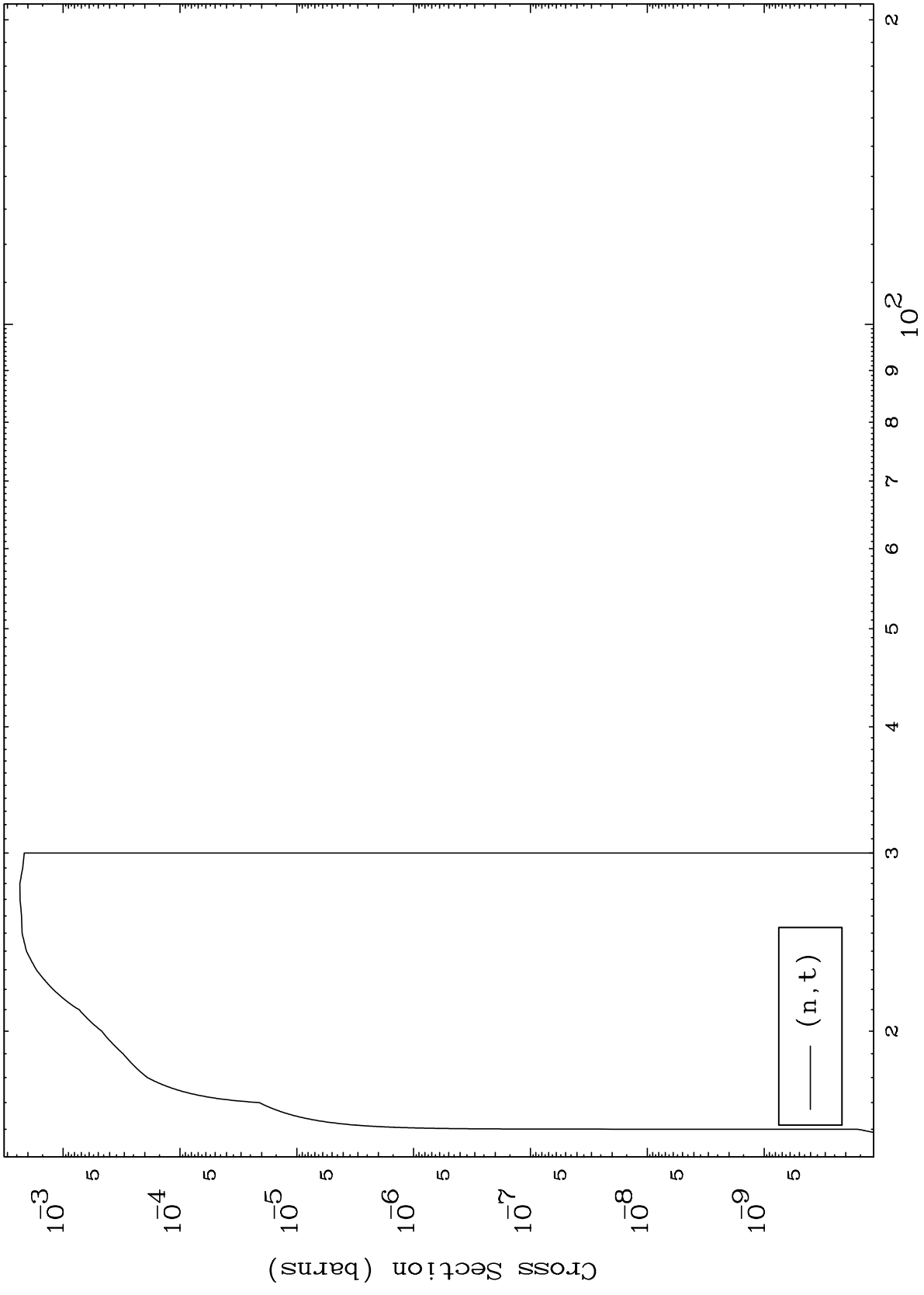
Incident Energy (MeV)

12-Mg-28

MAT 1237

(n,t) Levels
293 Kelvin Cross Sections

12-Mg-28



11

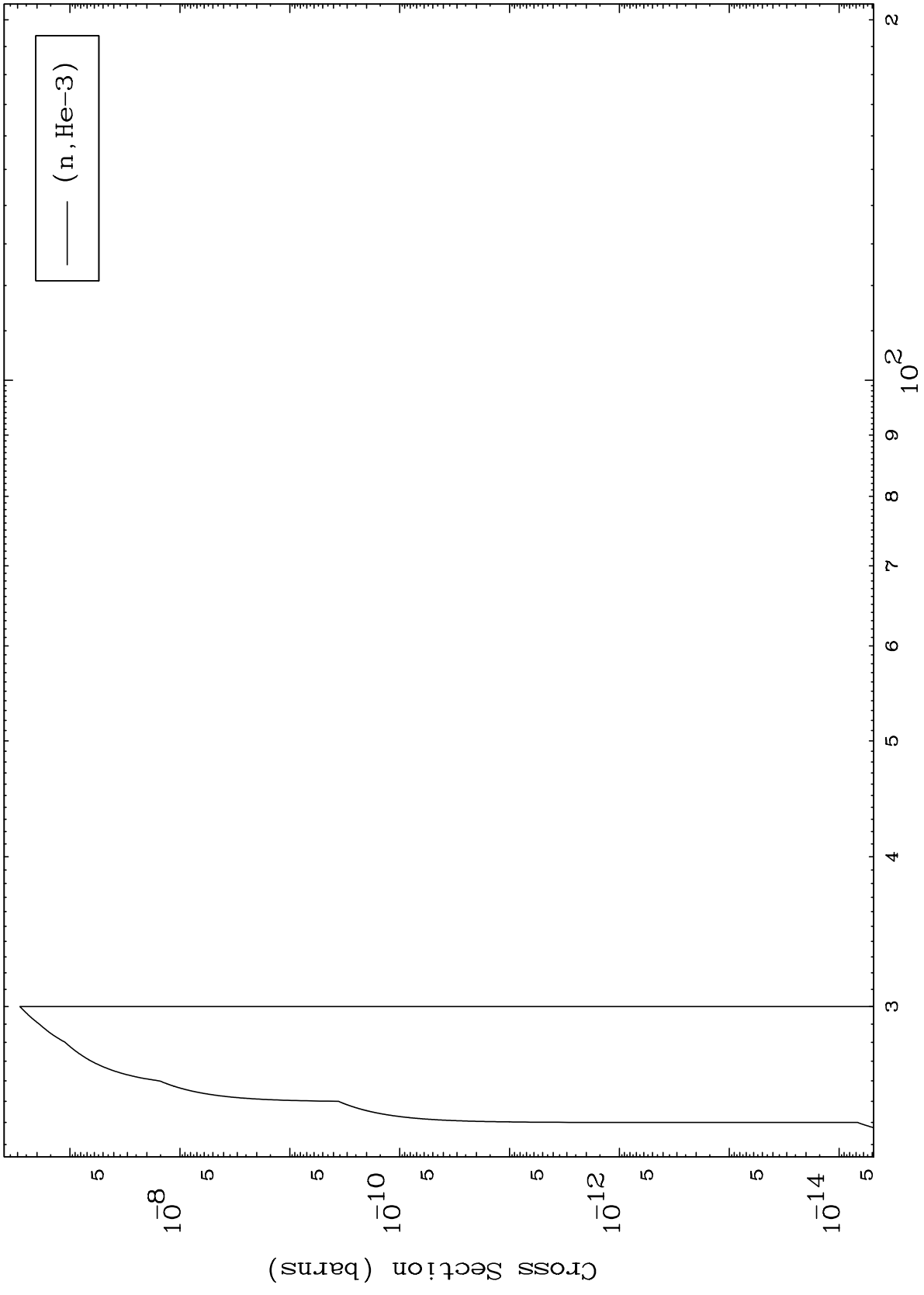
Incident Energy (MeV)

12-Mg-28

MAT 1237

(n,He3) Levels
293 Kelvin Cross Sections

12-Mg-28



12

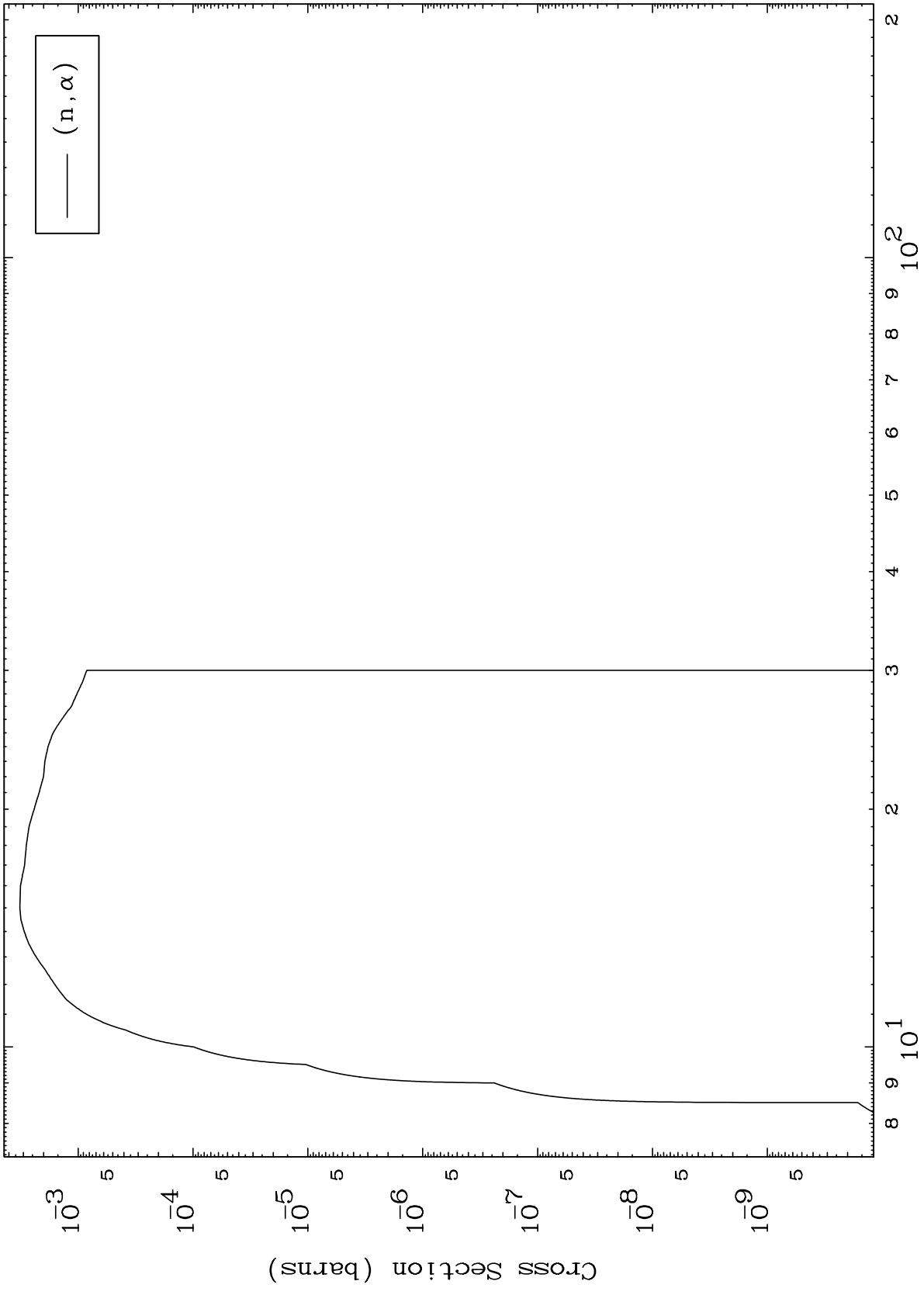
Incident Energy (MeV)

12-Mg-28

MAT 1237

(n, α) Levels
293 Kelvin Cross Sections

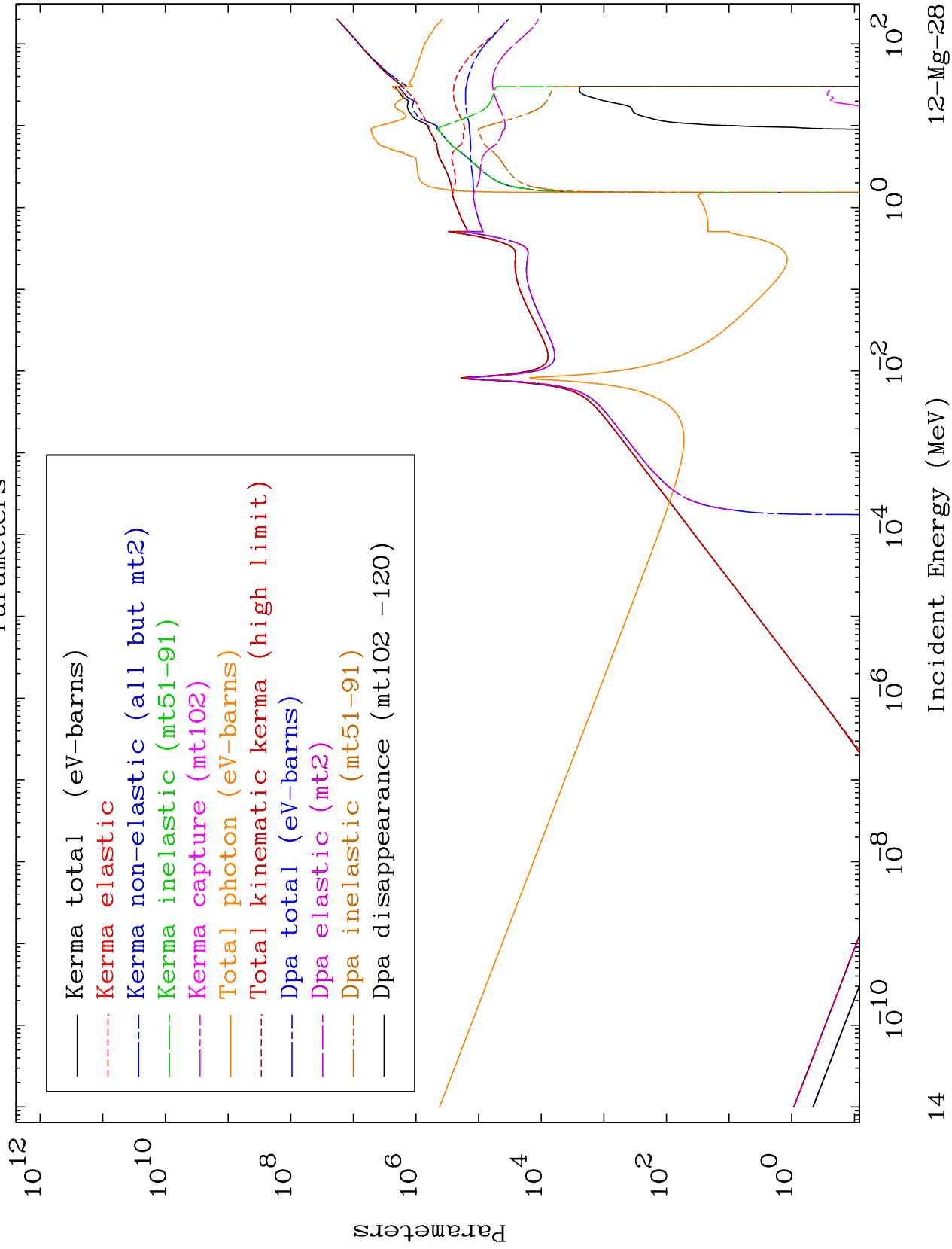
12-Mg-28



13

Incident Energy (MeV)

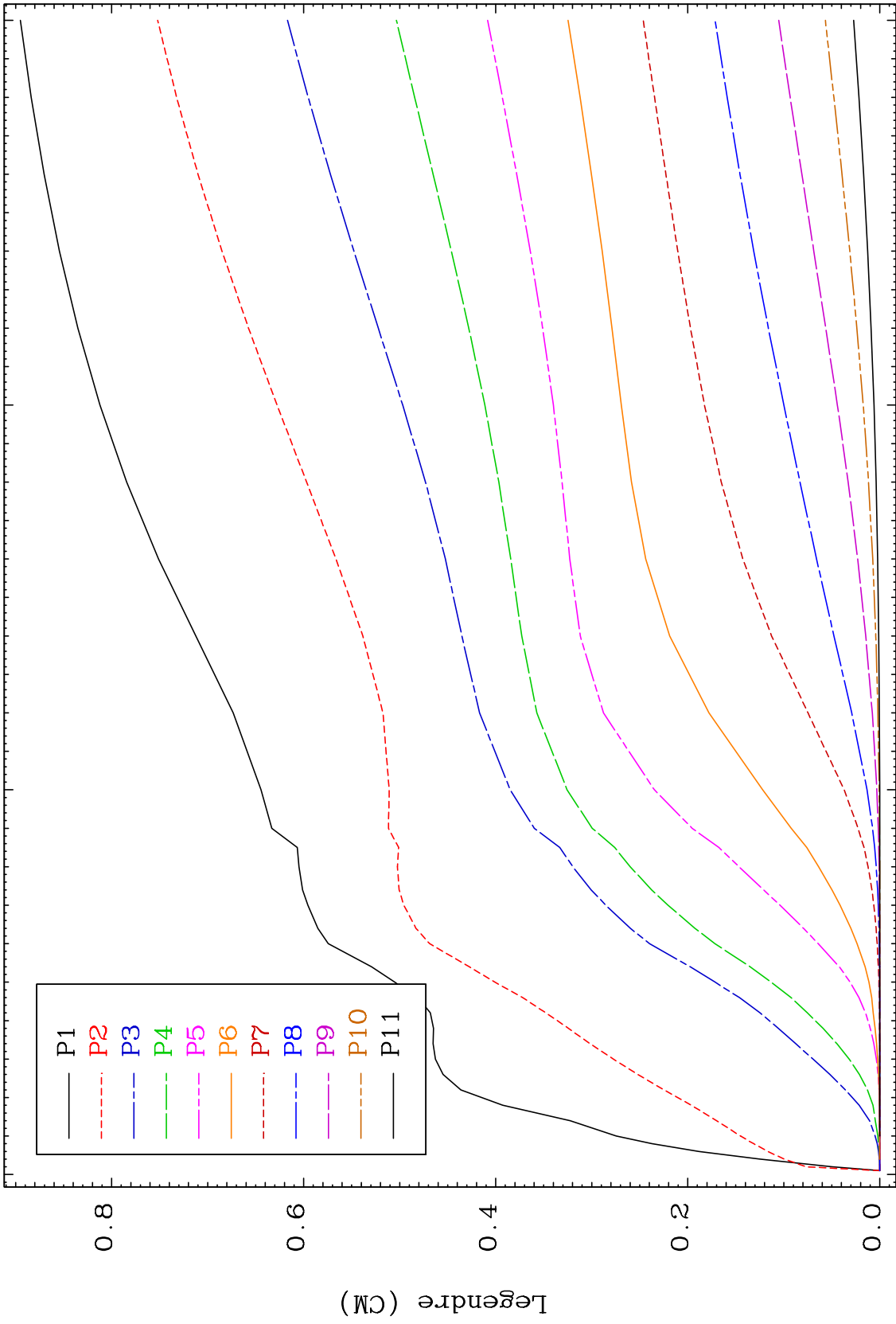
12-Mg-28



MAT 1237

Elastic Legendre Coefficients

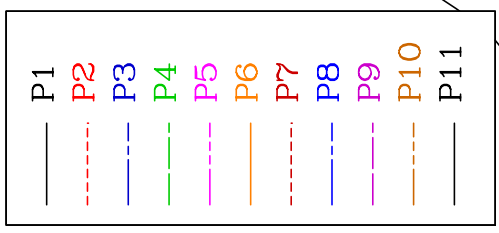
12-Mg-28



15

Incident Energy (MeV)

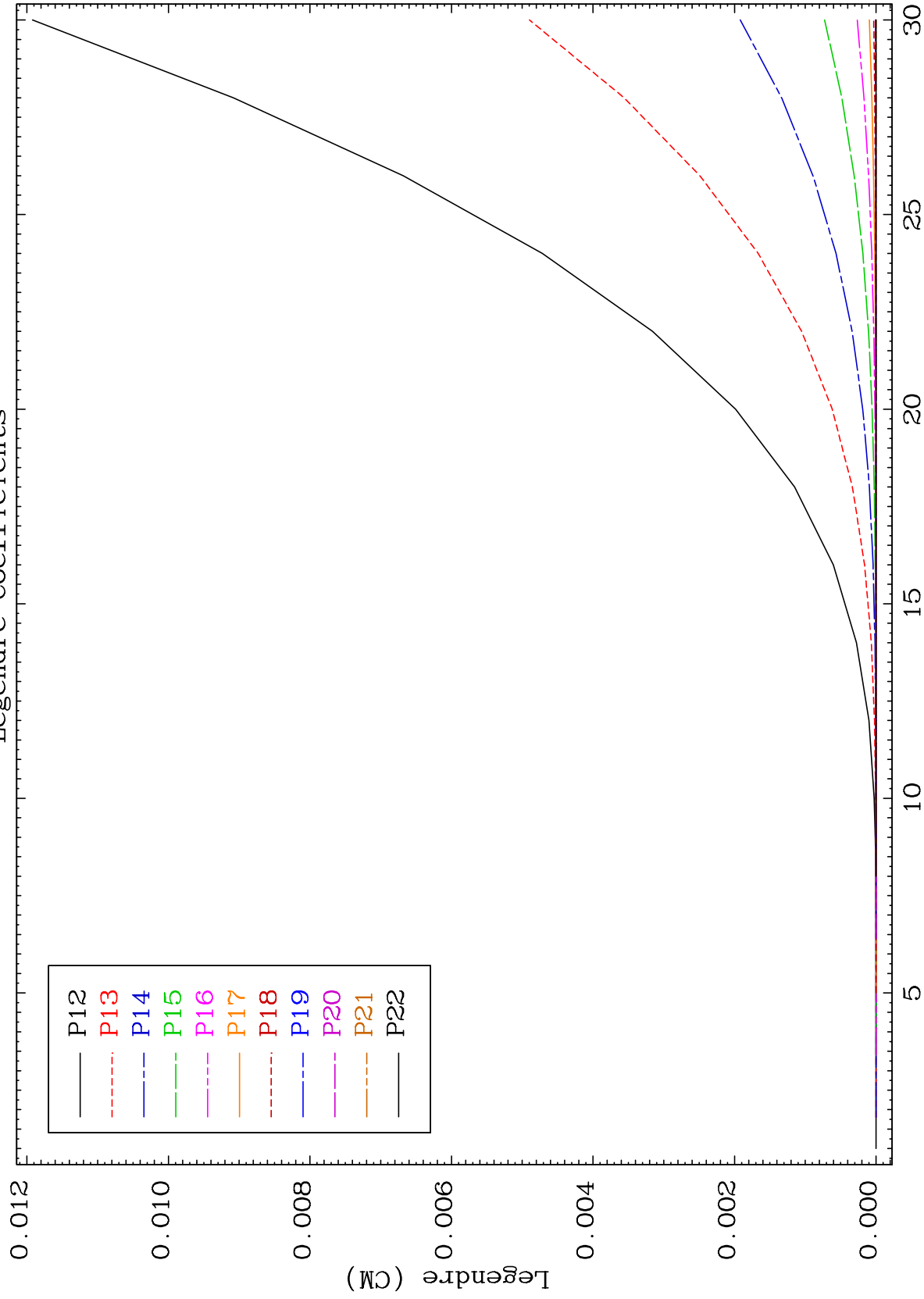
12-Mg-28



MAT 1237

Elastic
Legendre Coefficients

12-Mg-28



16

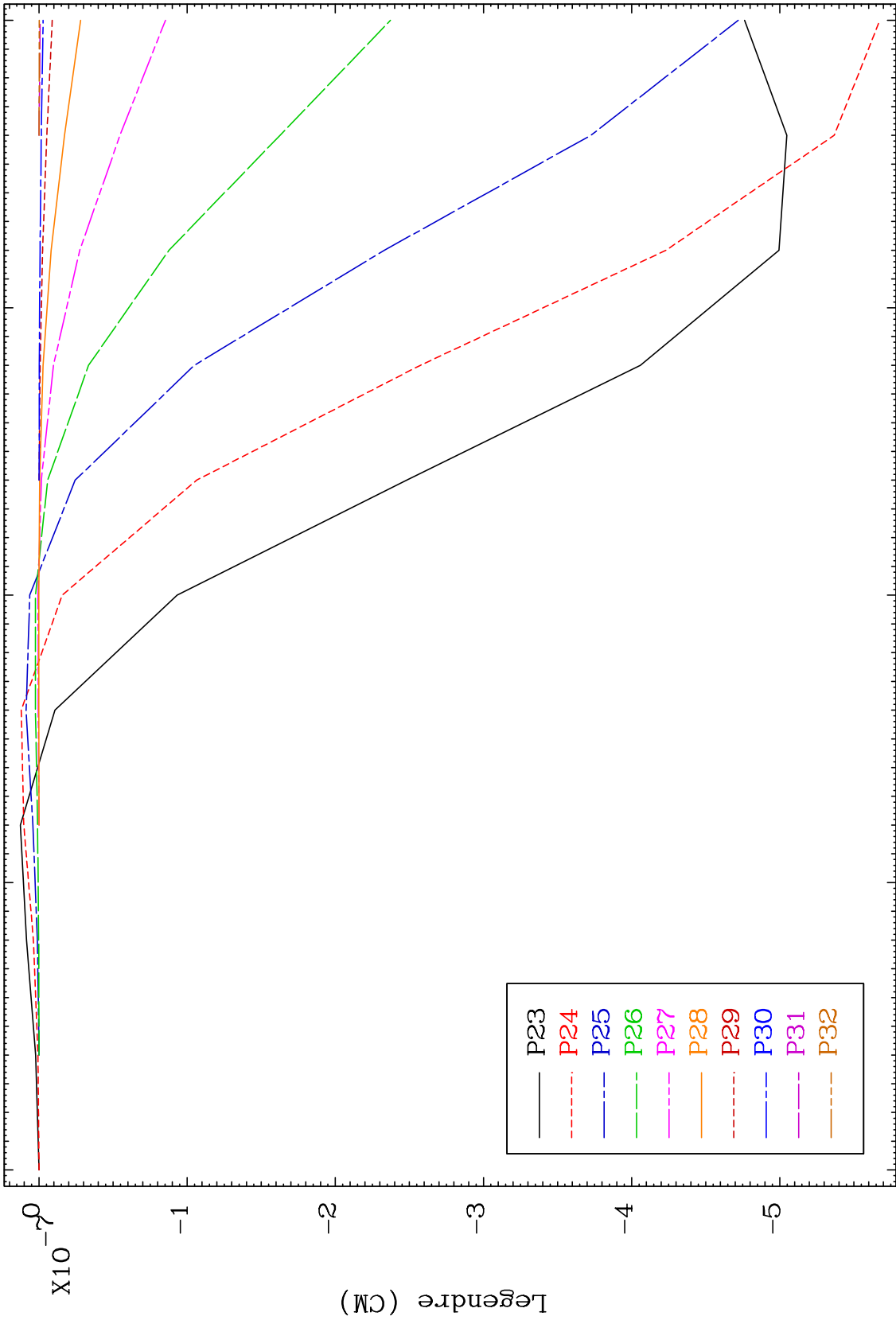
Incident Energy (MeV)

12-Mg-28

MAT 1237

Elastic Legendre Coefficients

12-Mg-28



17

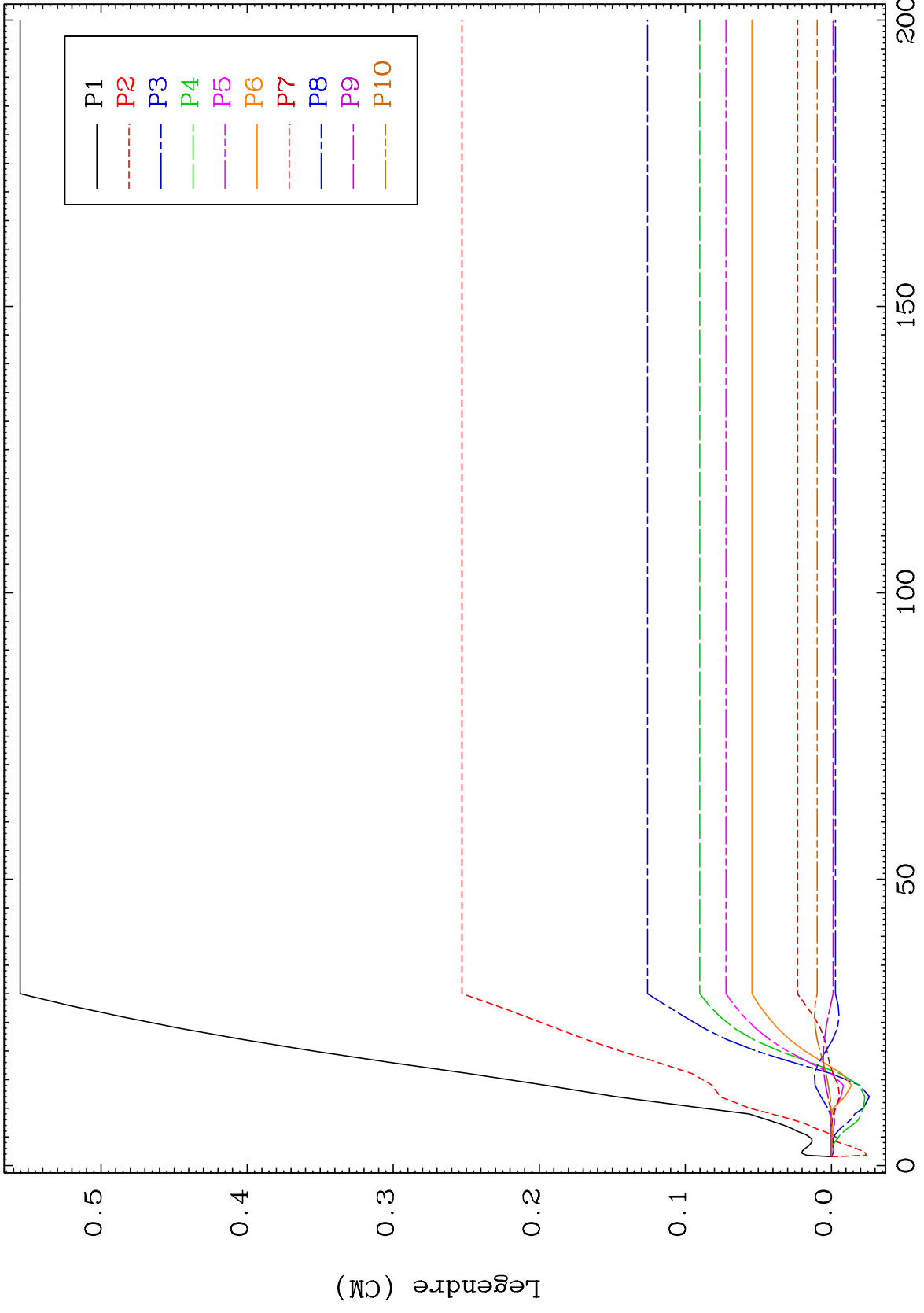
Incident Energy (MeV)

12-Mg-28

MAT 1237

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

12-Mg-28



18

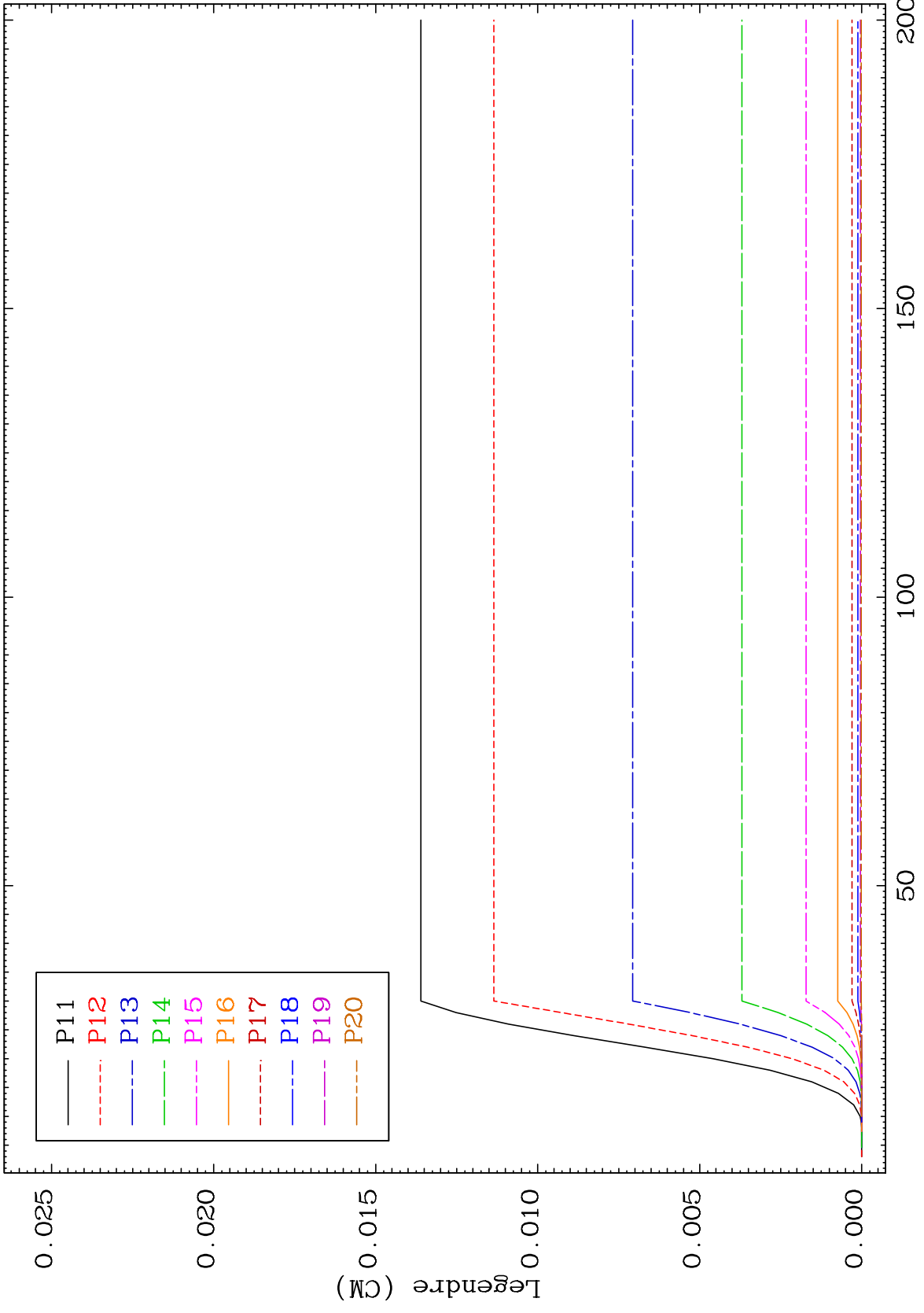
Incident Energy (MeV)

12-Mg-28

MAT 1237

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

12-Mg-28



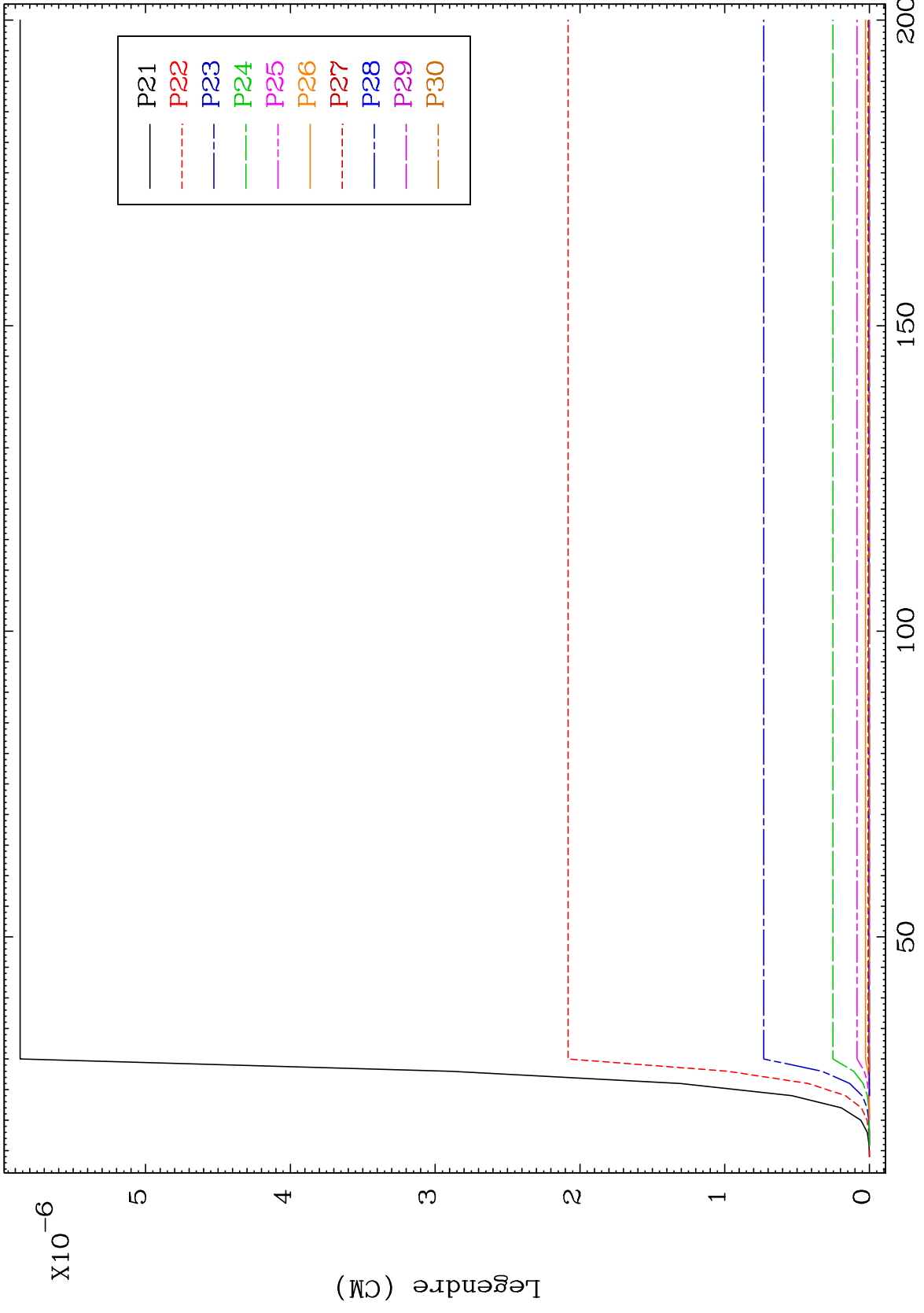
19

12-Mg-28

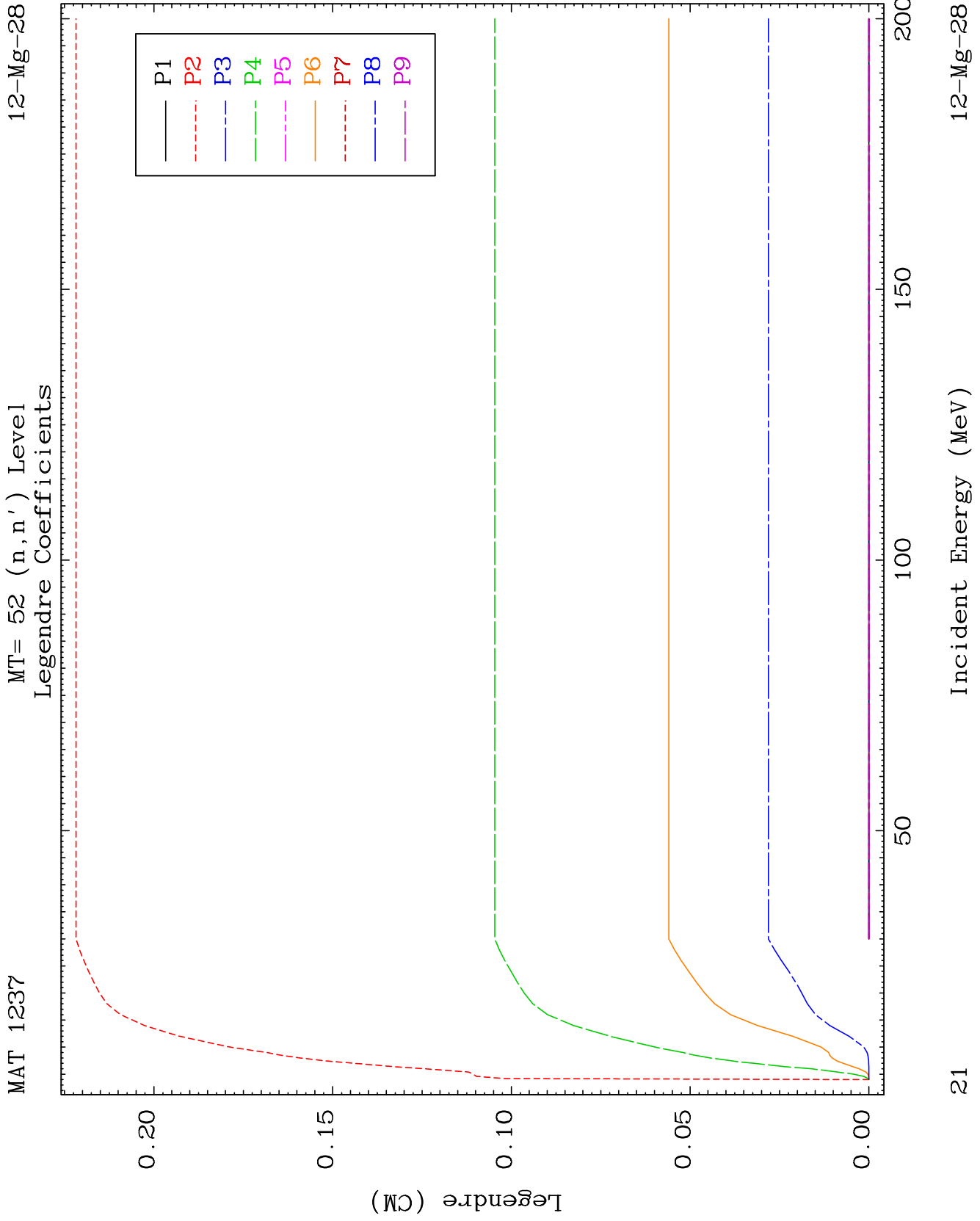
MAT 1237

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

12-Mg-28



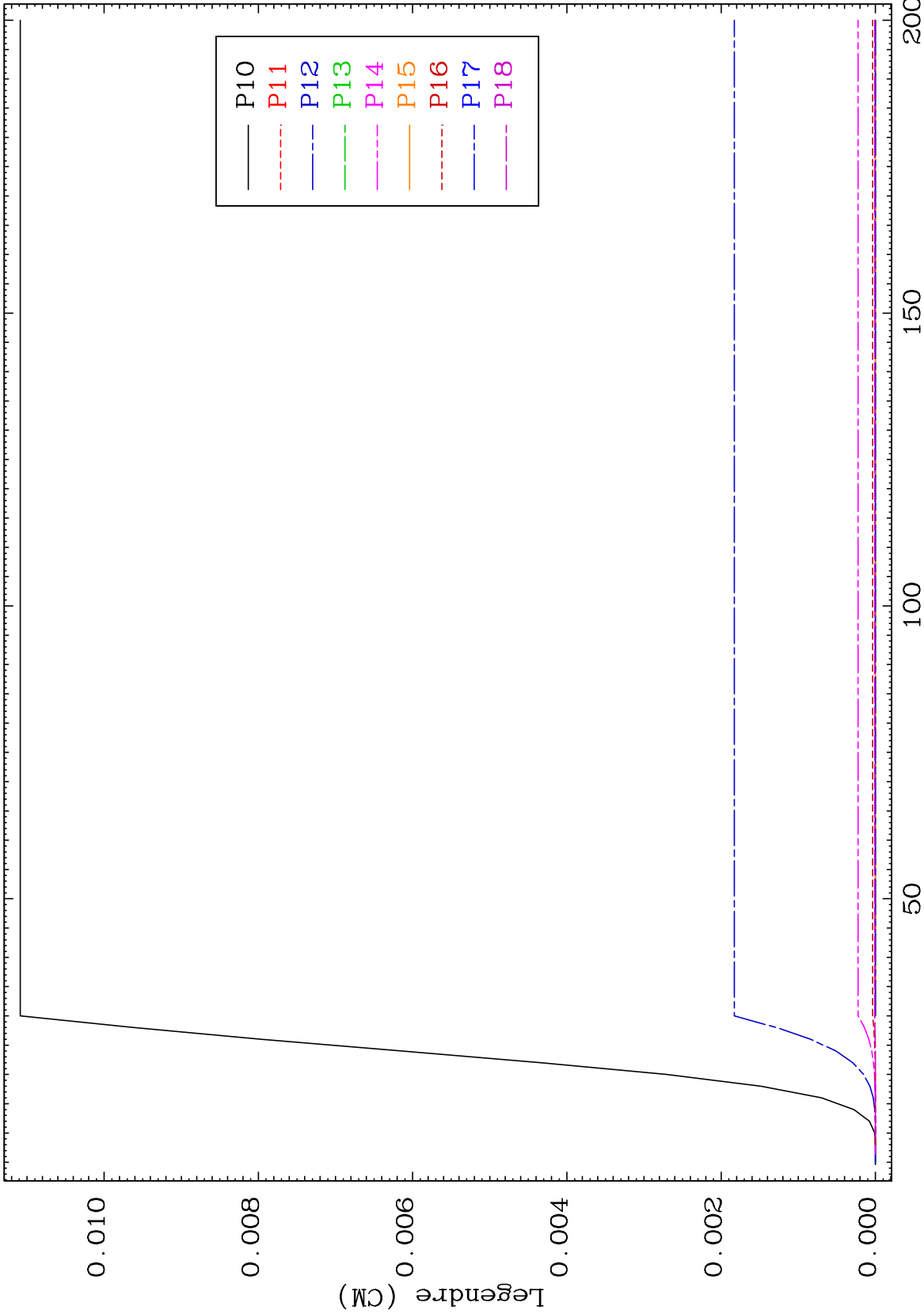
12-Mg-28



MAT 1237

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

12-Mg-28

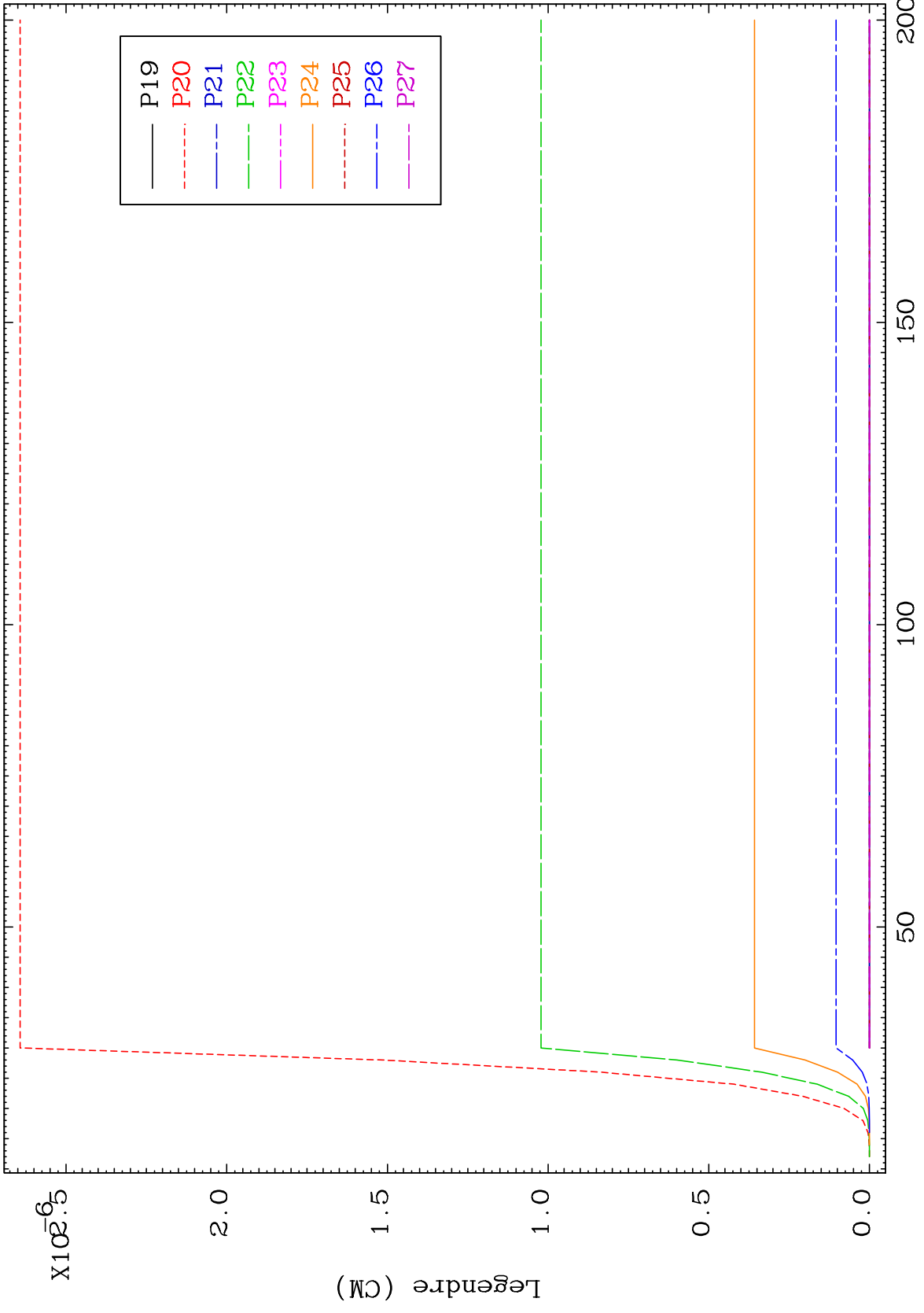


22

Incident Energy (MeV)

12-Mg-28

MAT 1237 MT= 52 (n,n') Level Legendre Coefficients 12-Mg-28

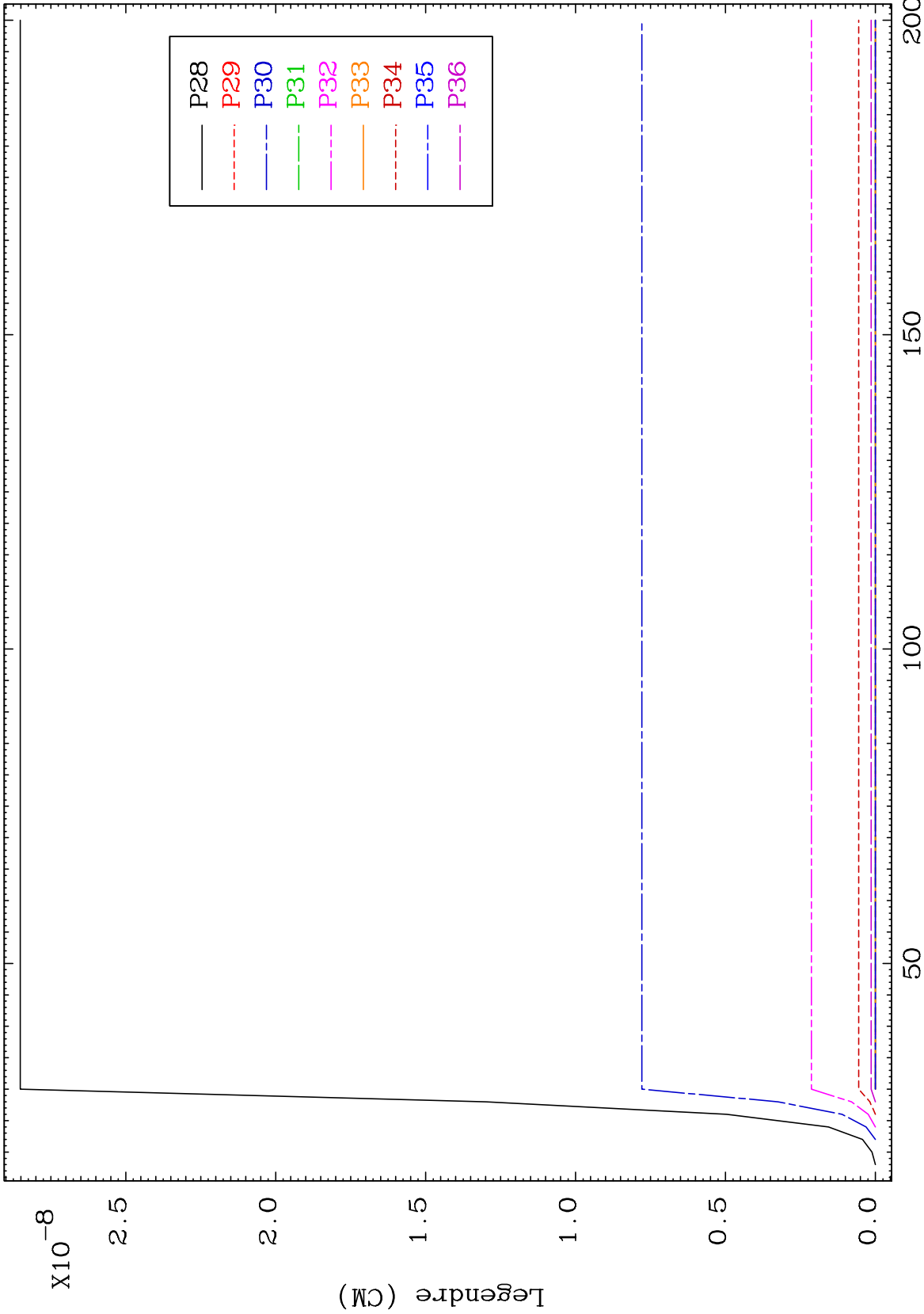


23 12-Mg-28

MAT 1237

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

12-Mg-28



24

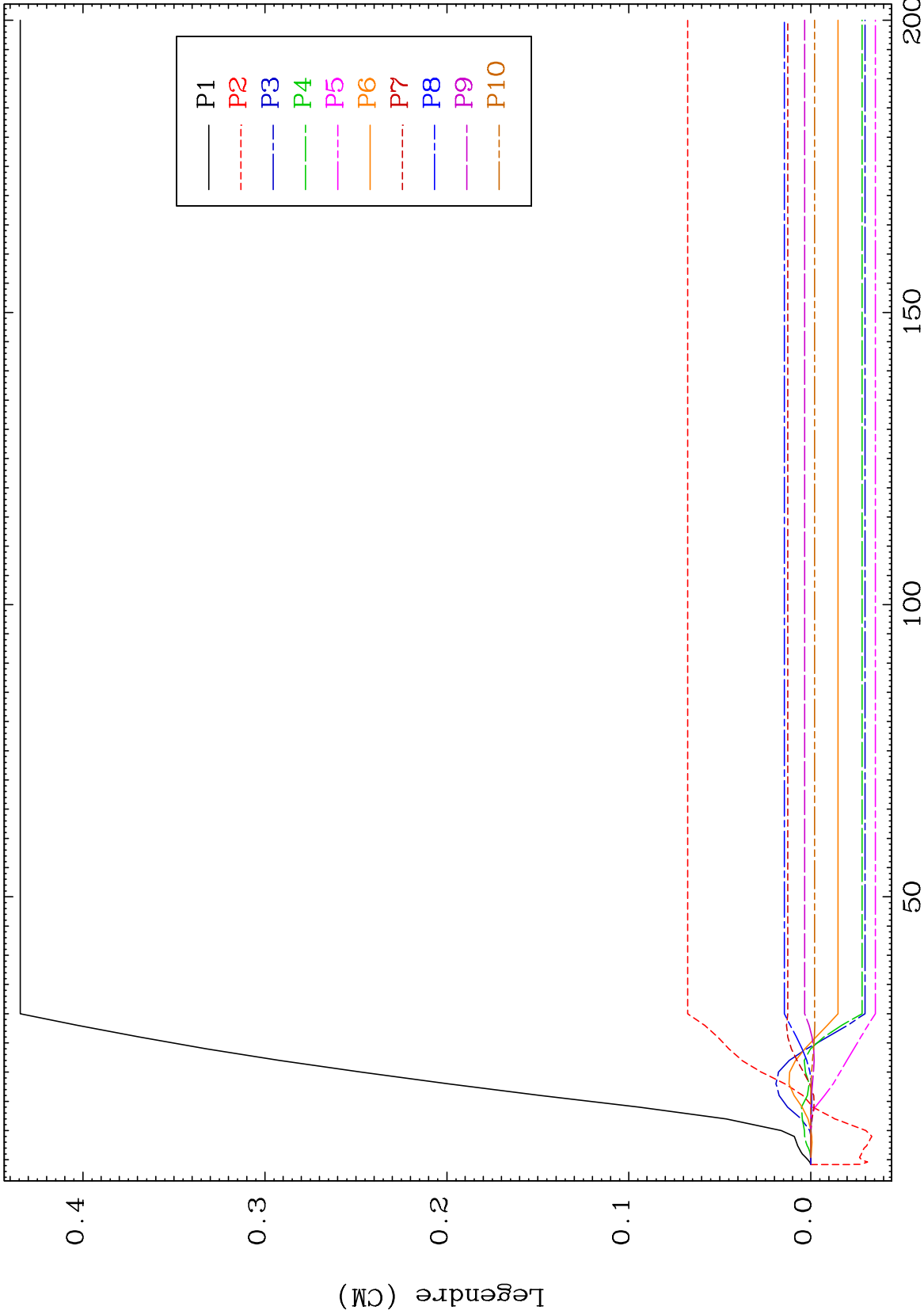
Incident Energy (MeV)

12-Mg-28

MAT 1237

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

12-Mg-28



25

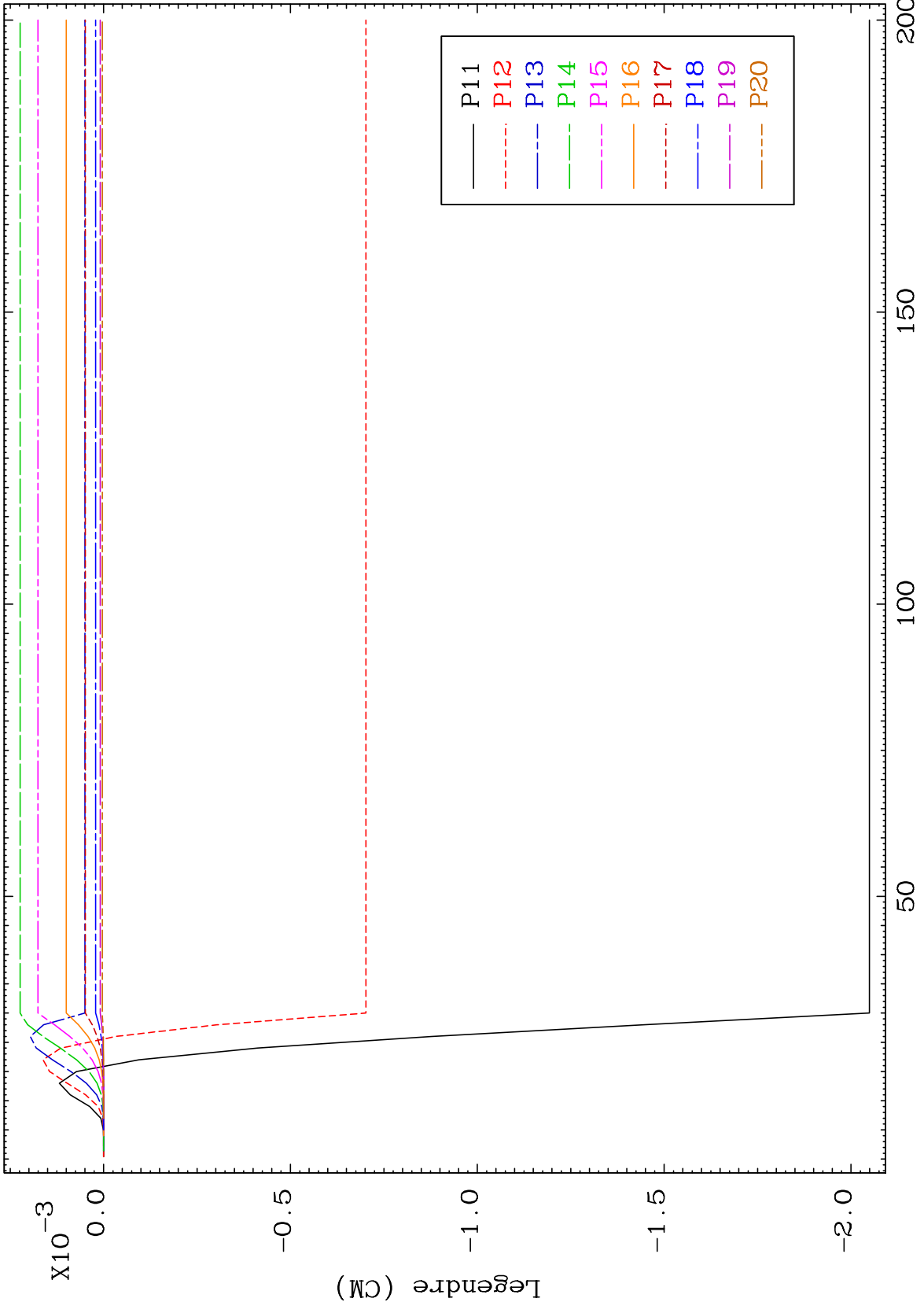
Incident Energy (MeV)

12-Mg-28

MAT 1237

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

12-Mg-28



12-Mg-28

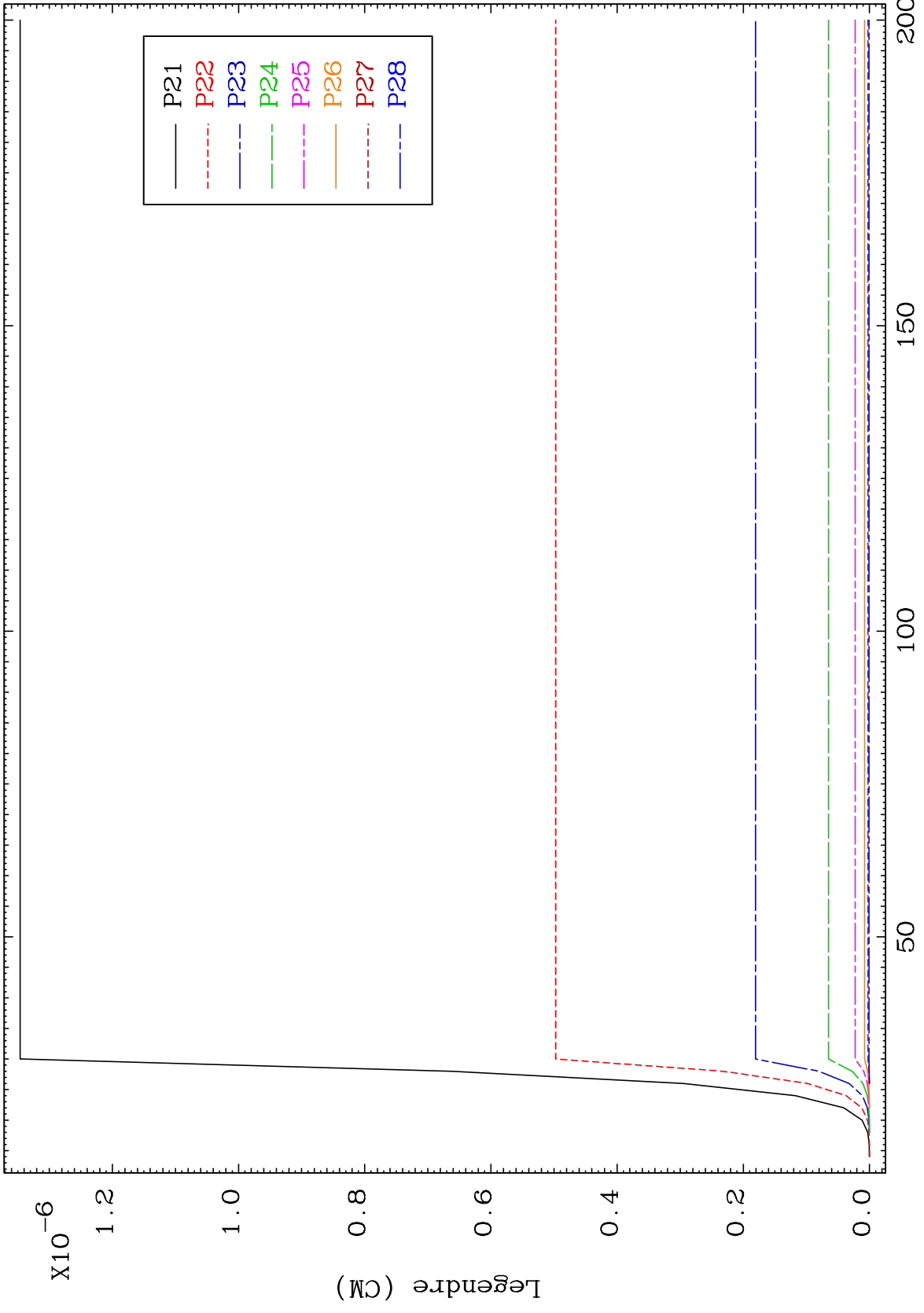
Incident Energy (MeV)

26

MAT 1237

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

12-Mg-28



27

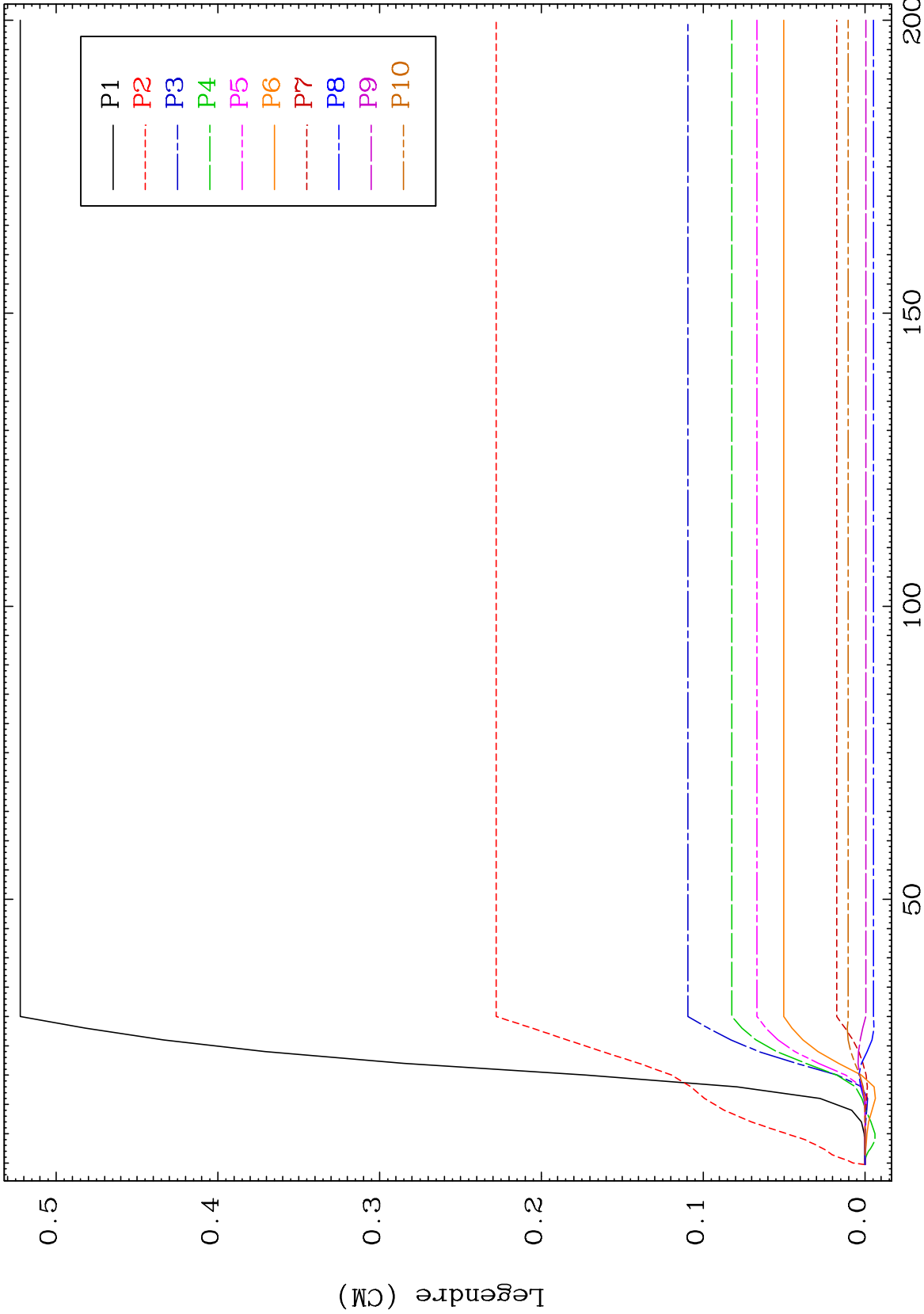
Incident Energy (MeV)

12-Mg-28

MAT 1237

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

12-Mg-28



28

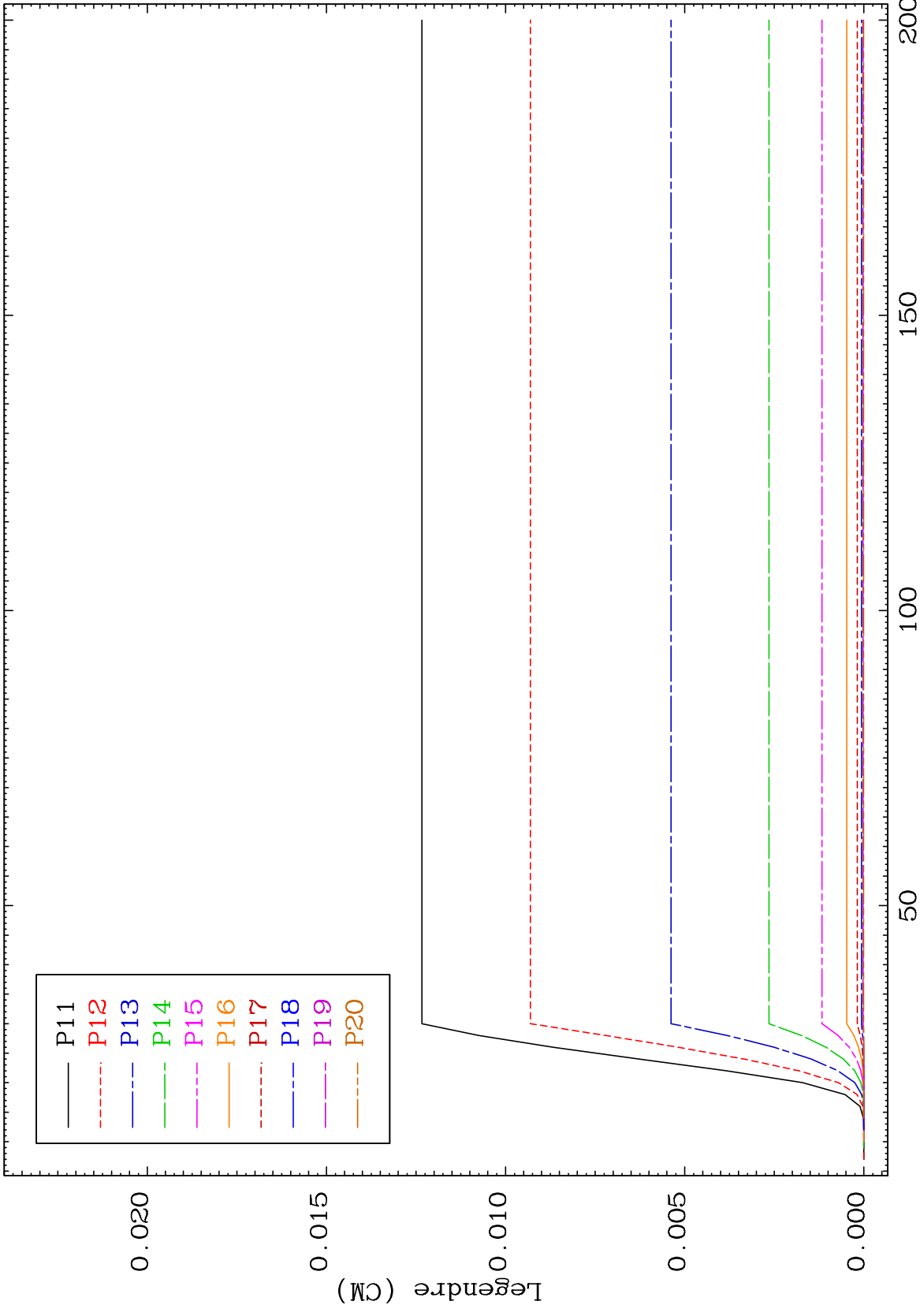
Incident Energy (MeV)

12-Mg-28

MAT 1237

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

12-Mg-28



29

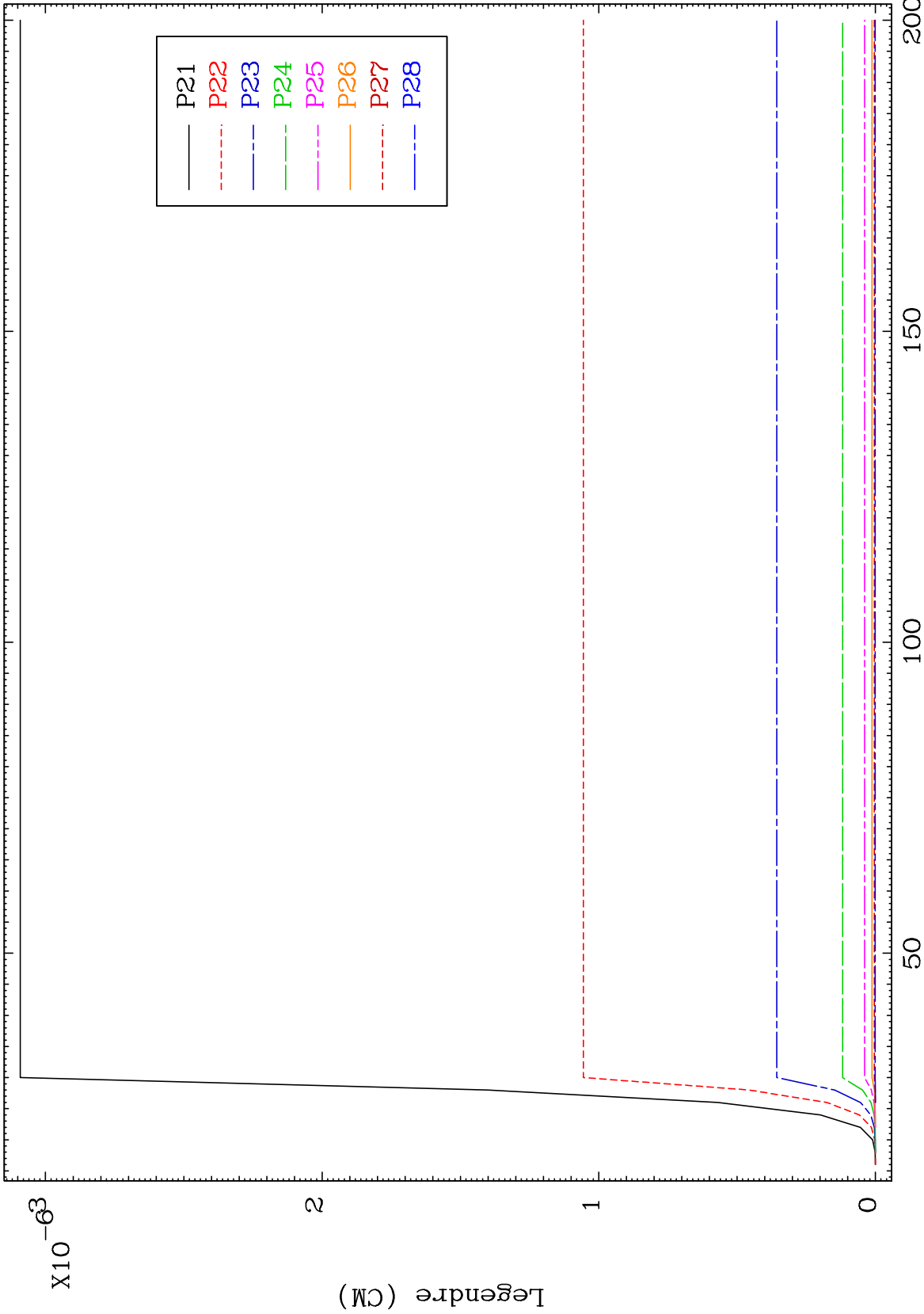
Incident Energy (MeV)

12-Mg-28

MAT 1237

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

12-Mg-28

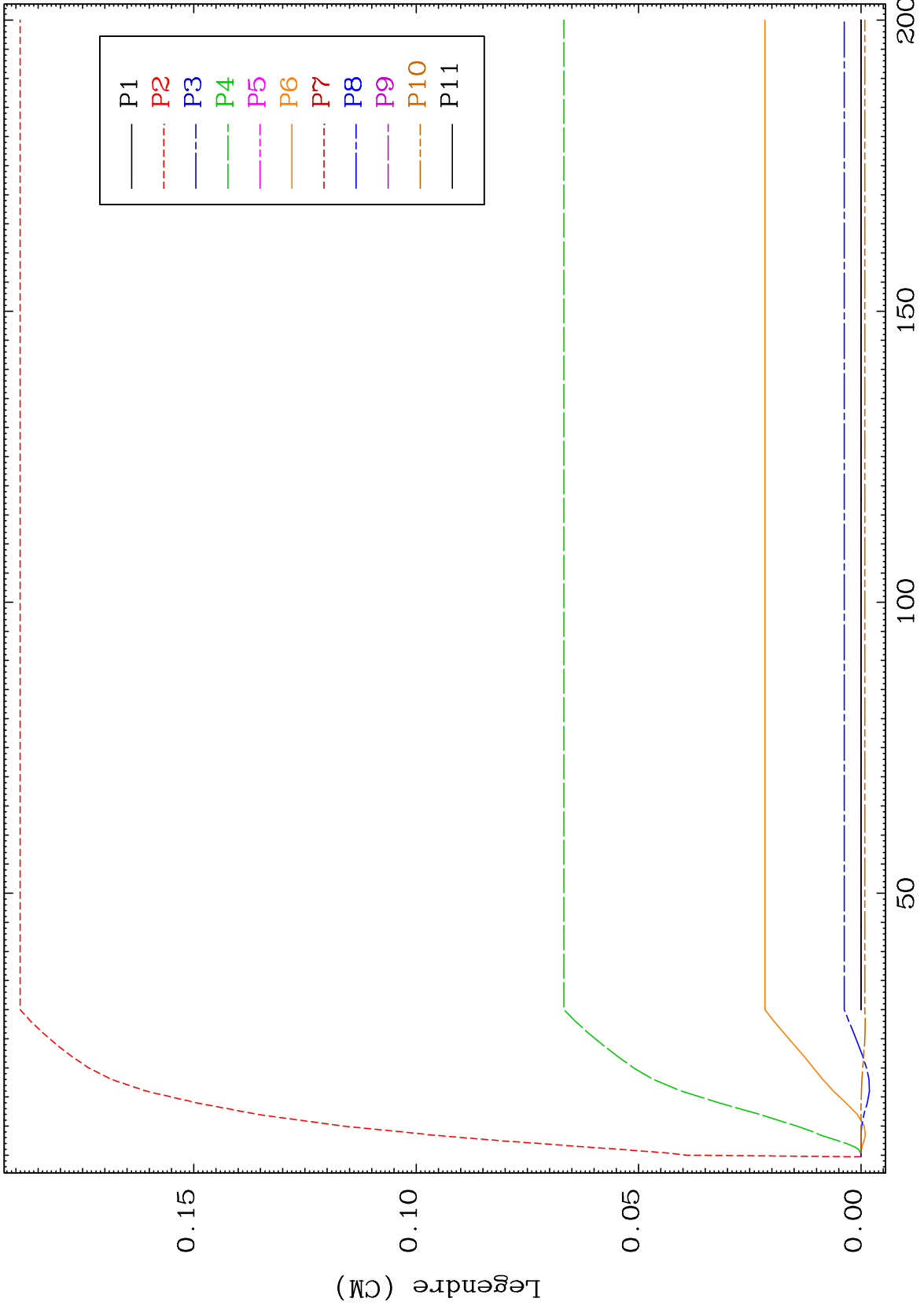


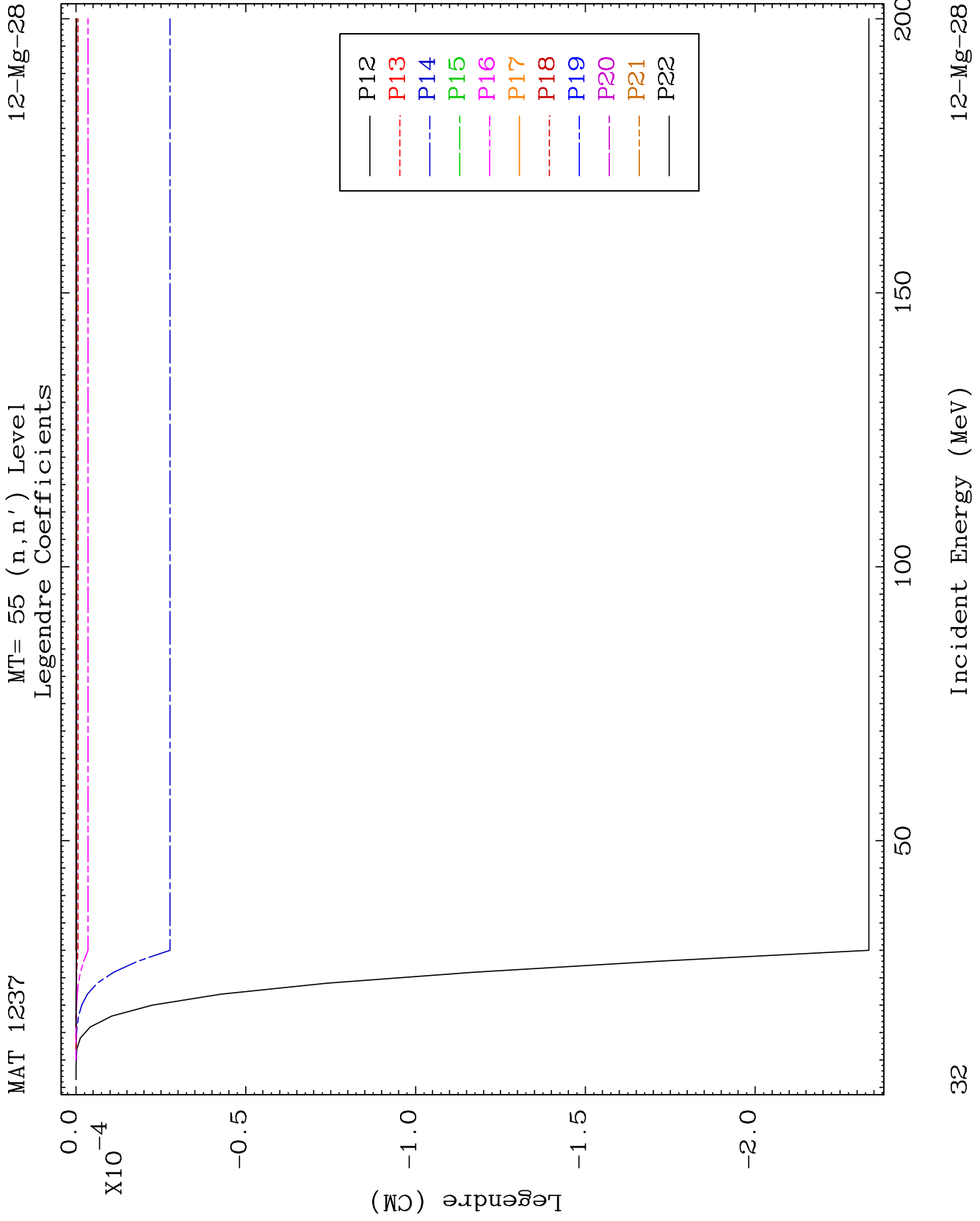
30

Incident Energy (MeV)

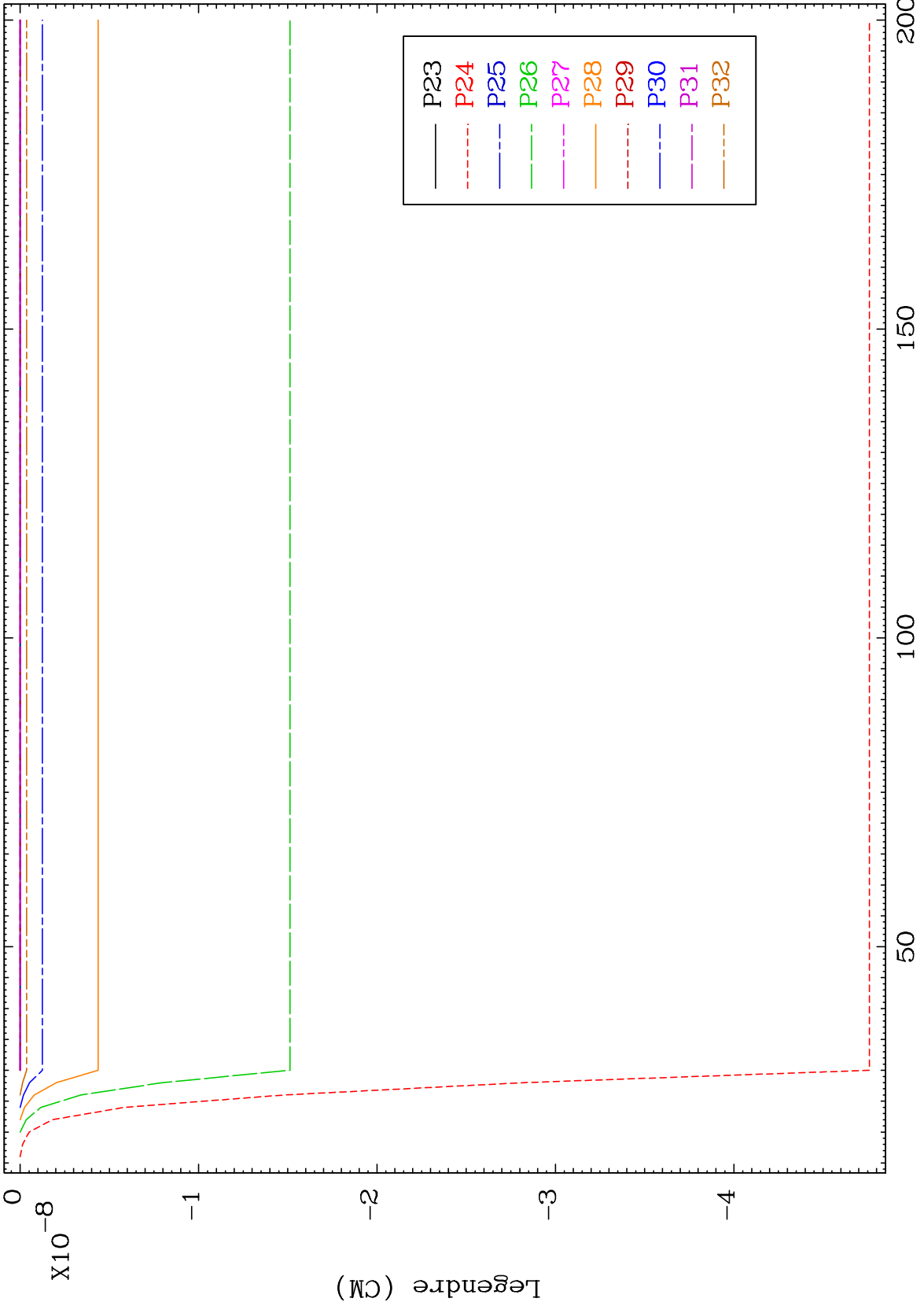
12-Mg-28

MAT 1237 MT= 55 (n,n') Level Legendre Coefficients 12-Mg-28





MAT 1237 MT= 55 (n,n') Level Legendre Coefficients 12-Mg-28

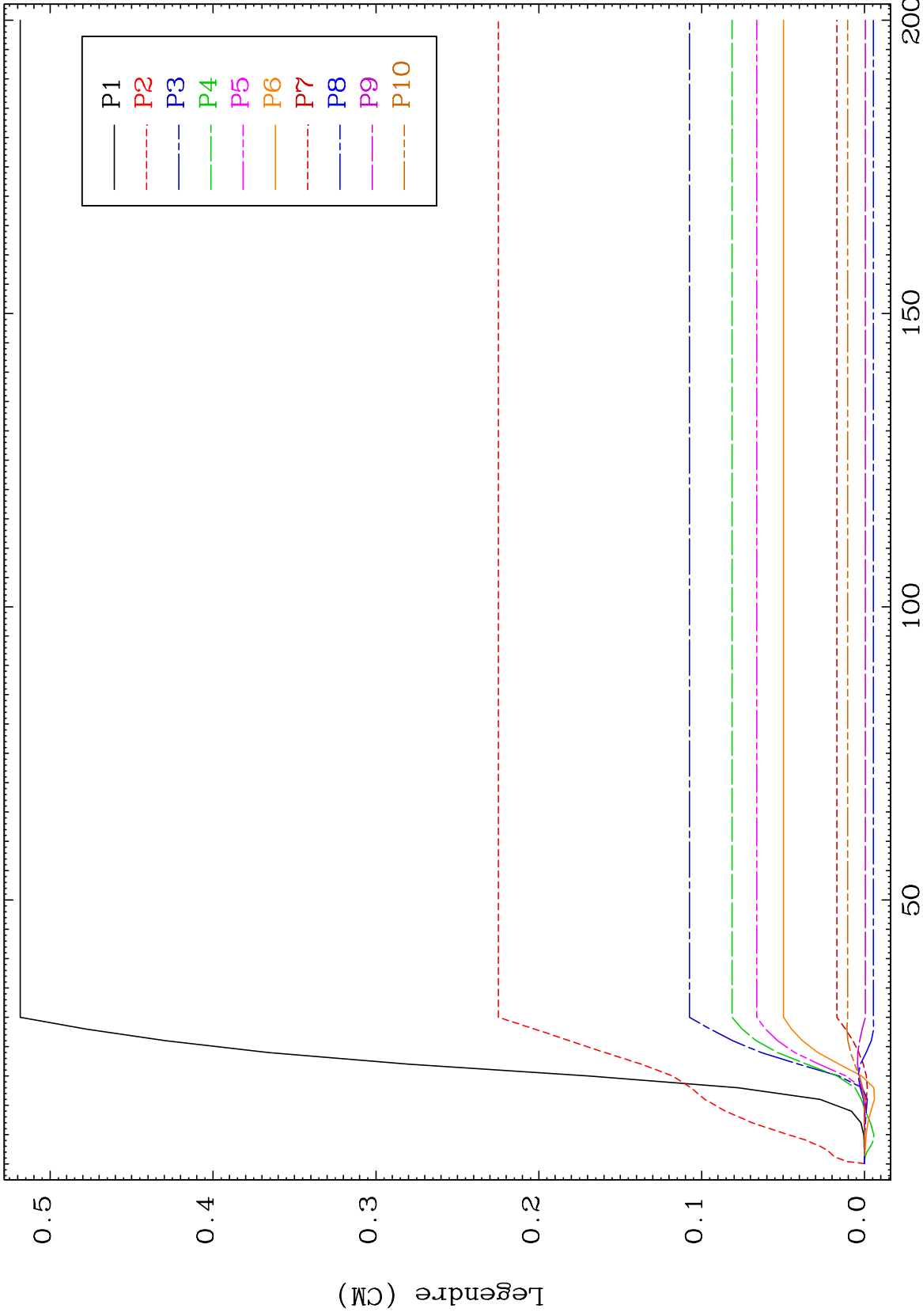


33 Incident Energy (MeV) 12-Mg-28

MAT 1237

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

12-Mg-28



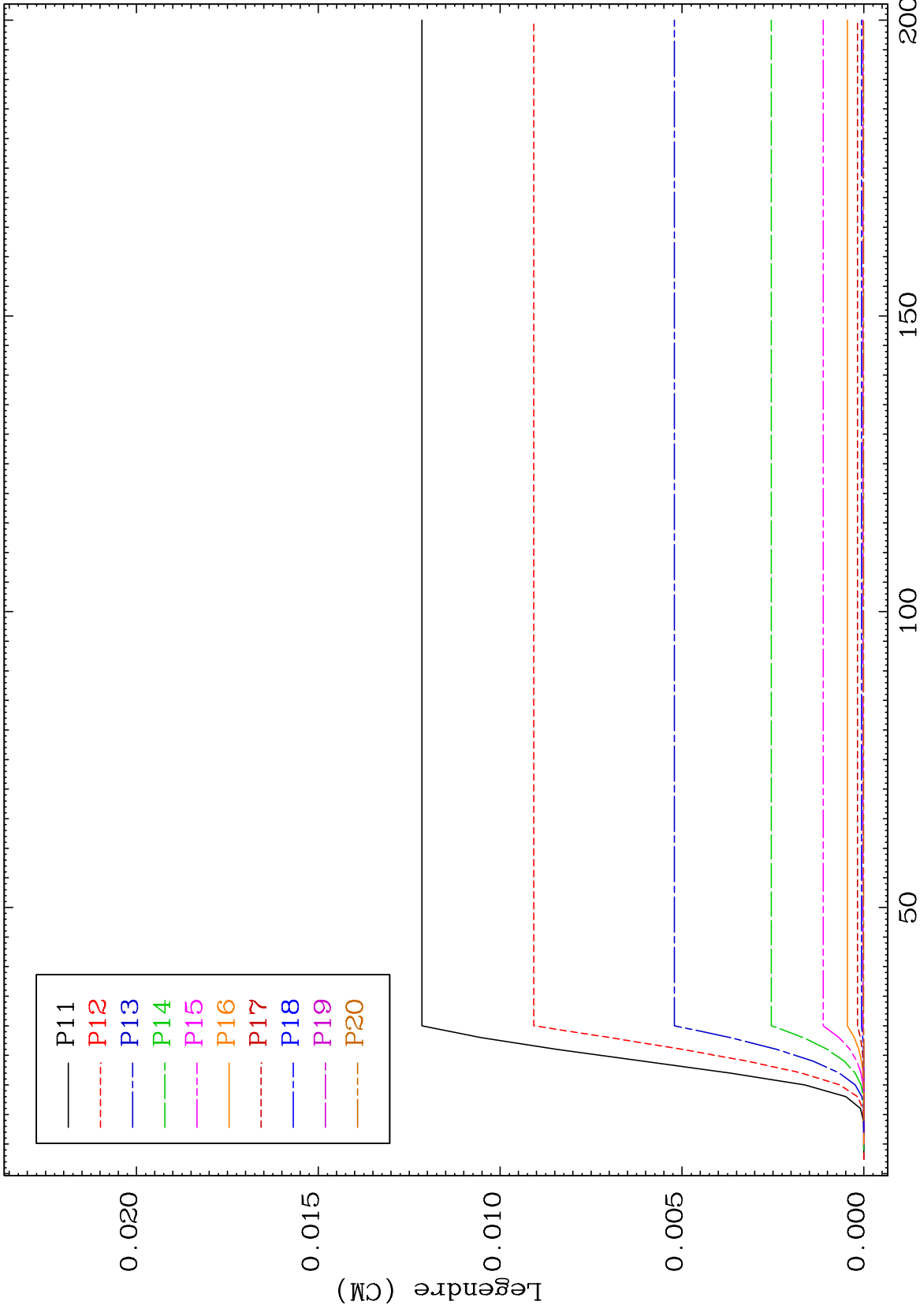
34

12-Mg-28

MAT 1237

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

12-Mg-28



35

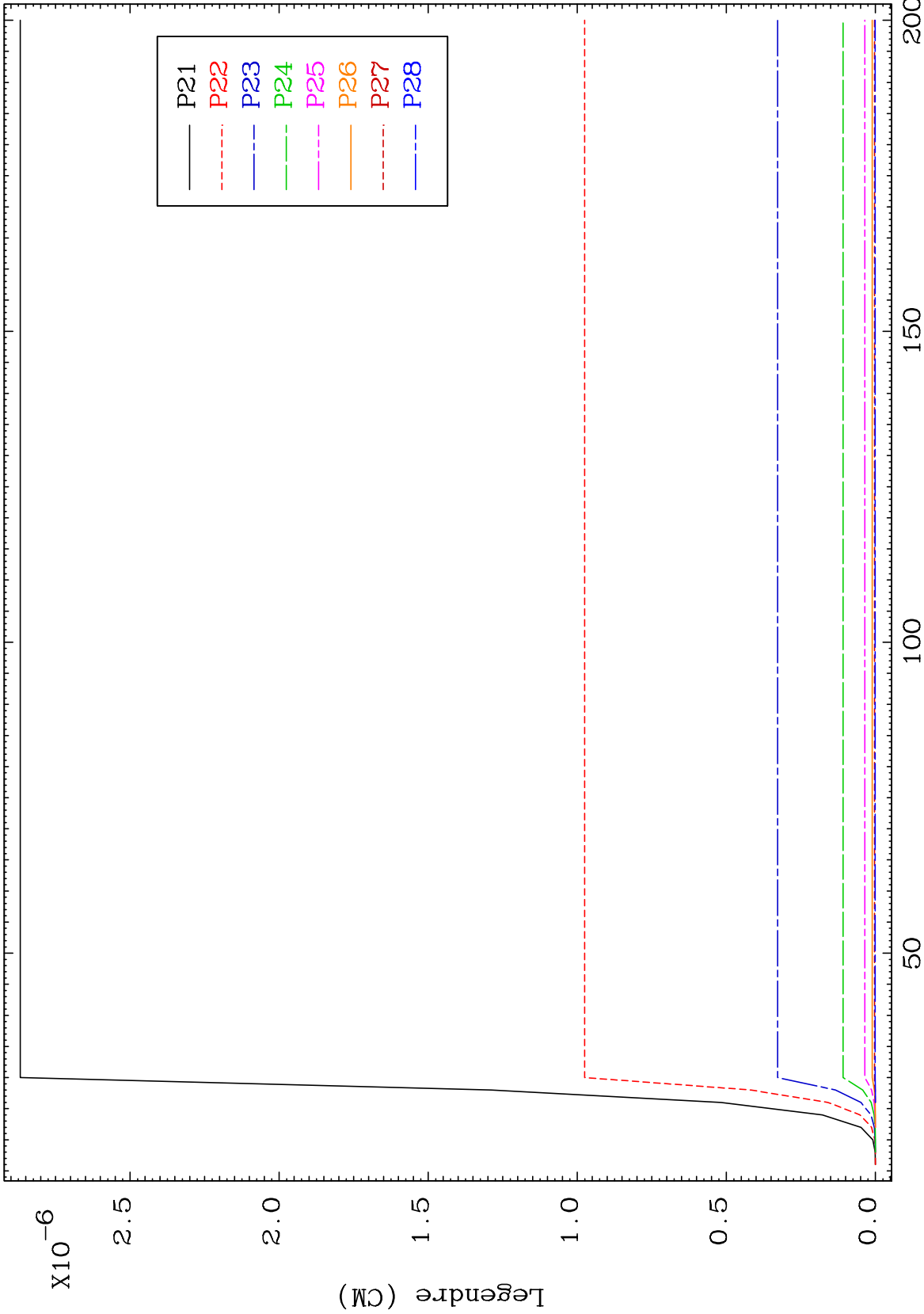
Incident Energy (MeV)

12-Mg-28

MAT 1237

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

12-Mg-28

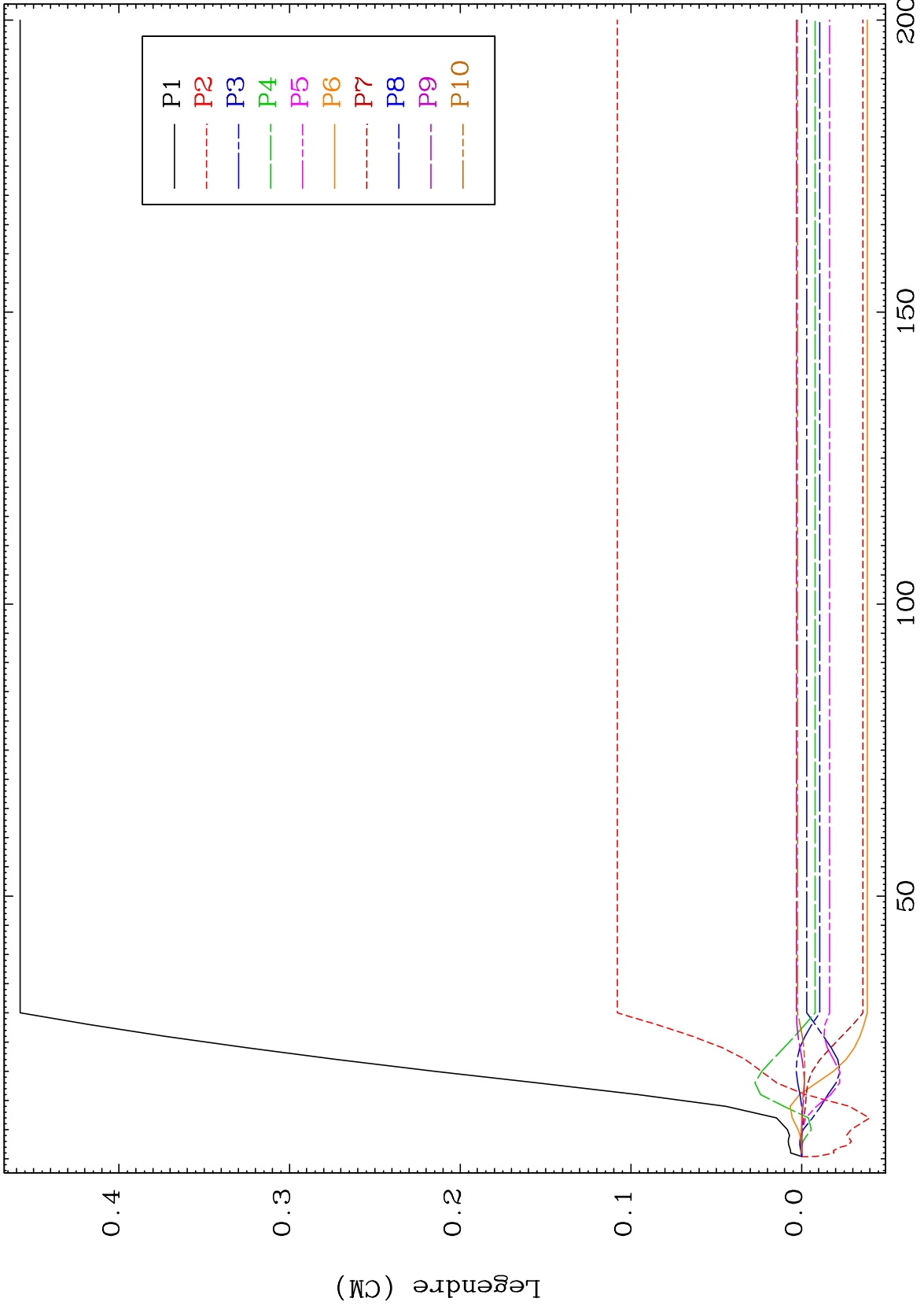


36

Incident Energy (MeV)

12-Mg-28

MAT 1237 MT= 57 (n,n') Level Legendre Coefficients 12-Mg-28

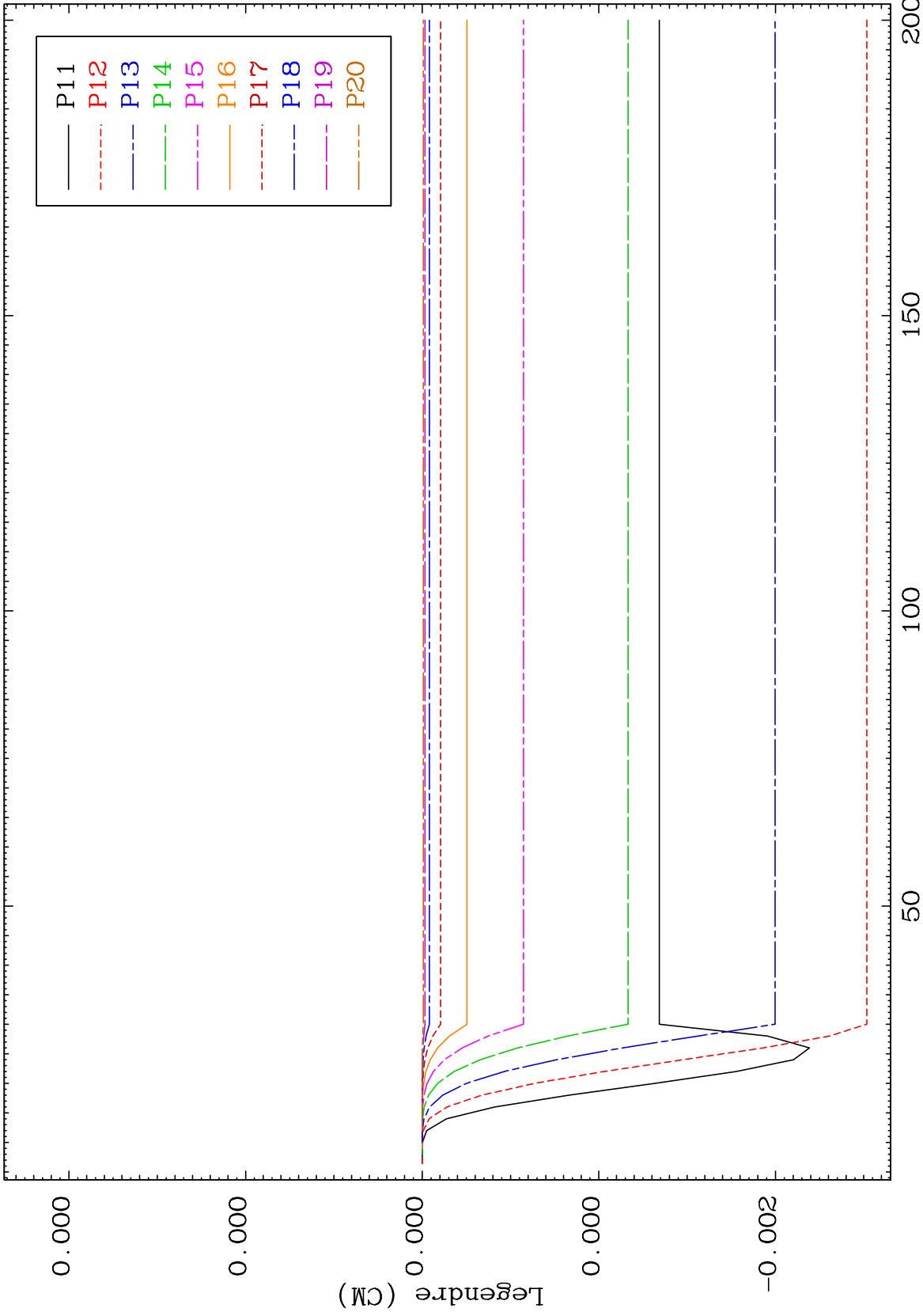


37 50 100 150 200 12-Mg-28

MAT 1237

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

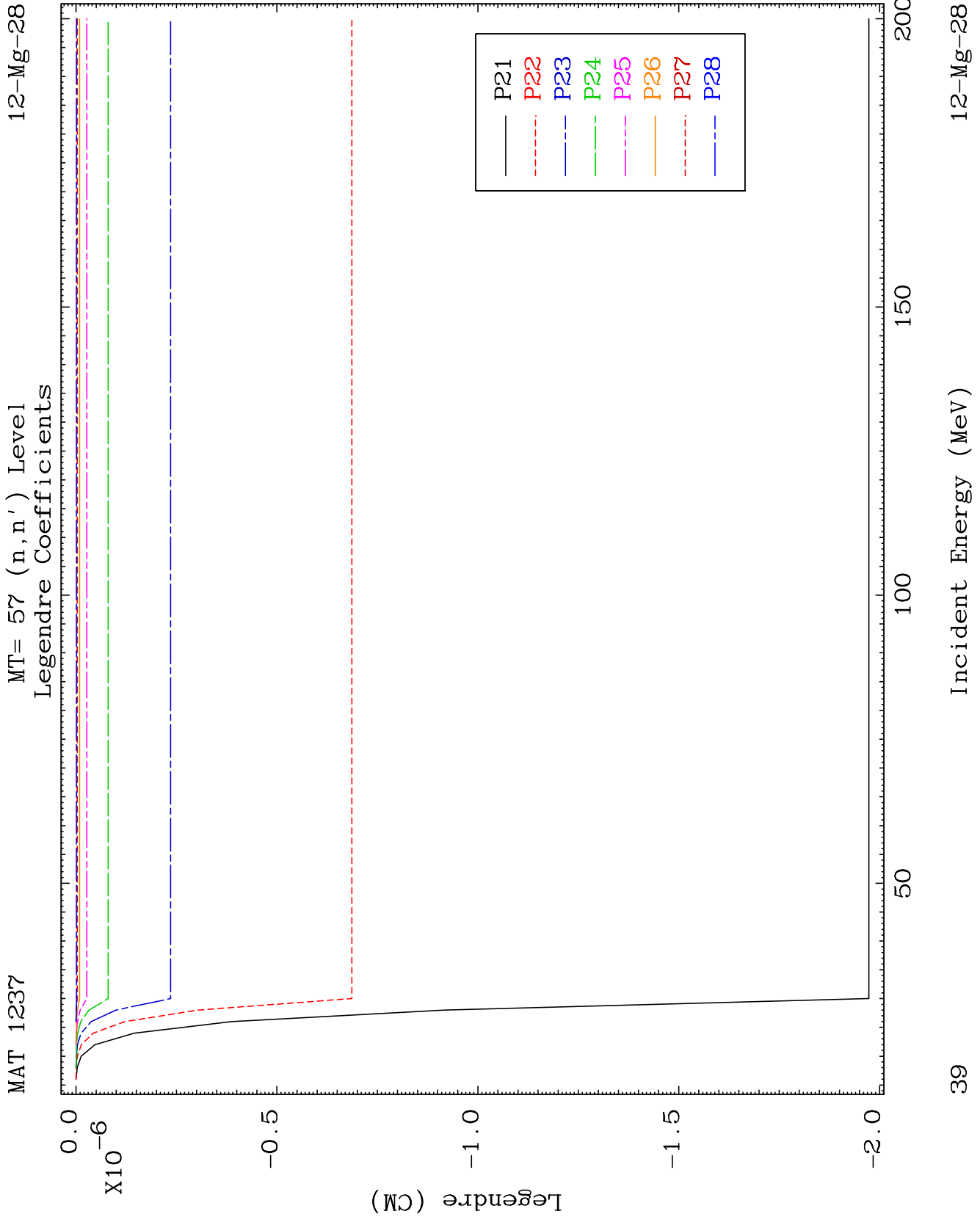
12-Mg-28



38

Incident Energy (MeV)

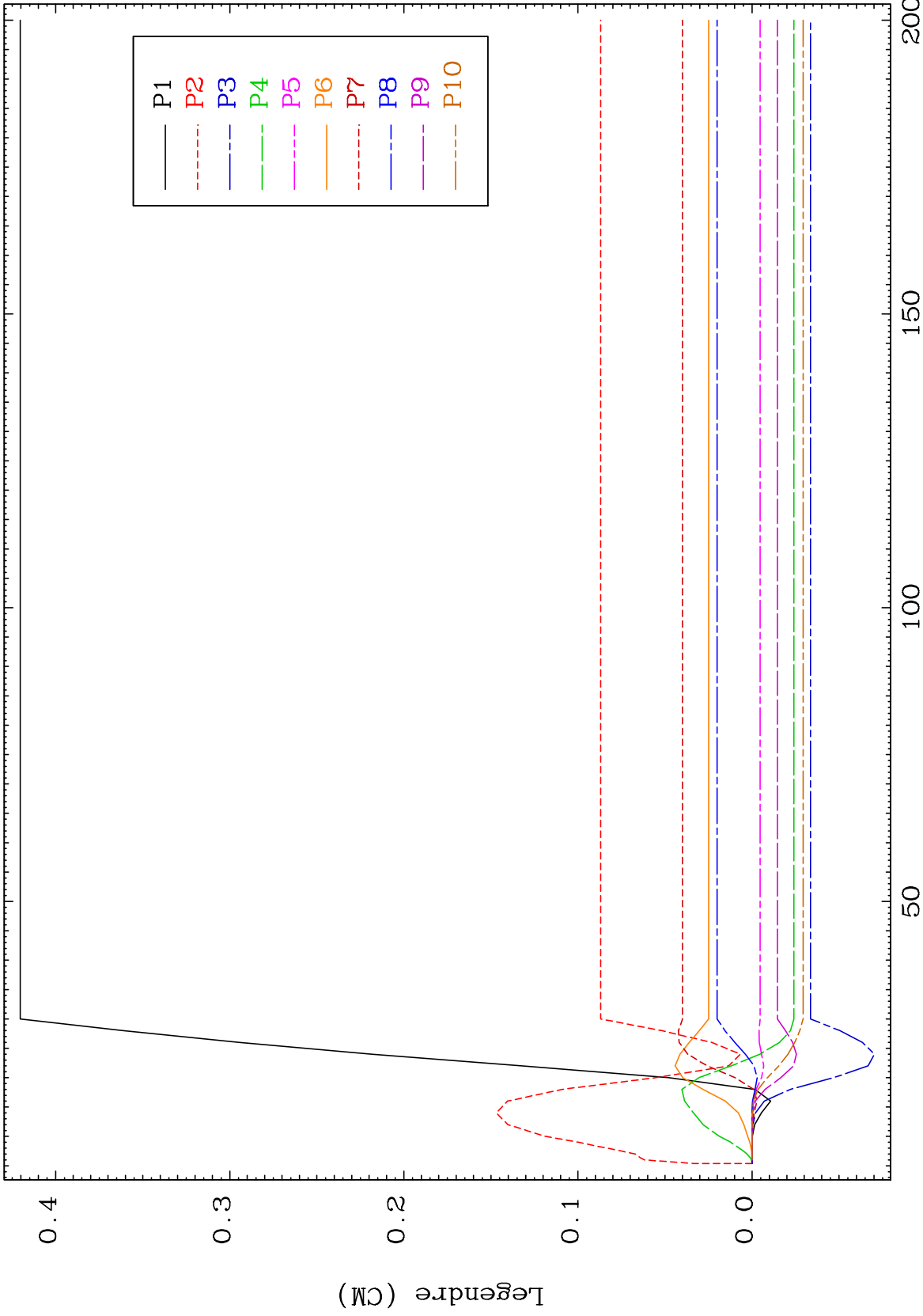
12-Mg-28



MAT 1237

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

12-Mg-28



40

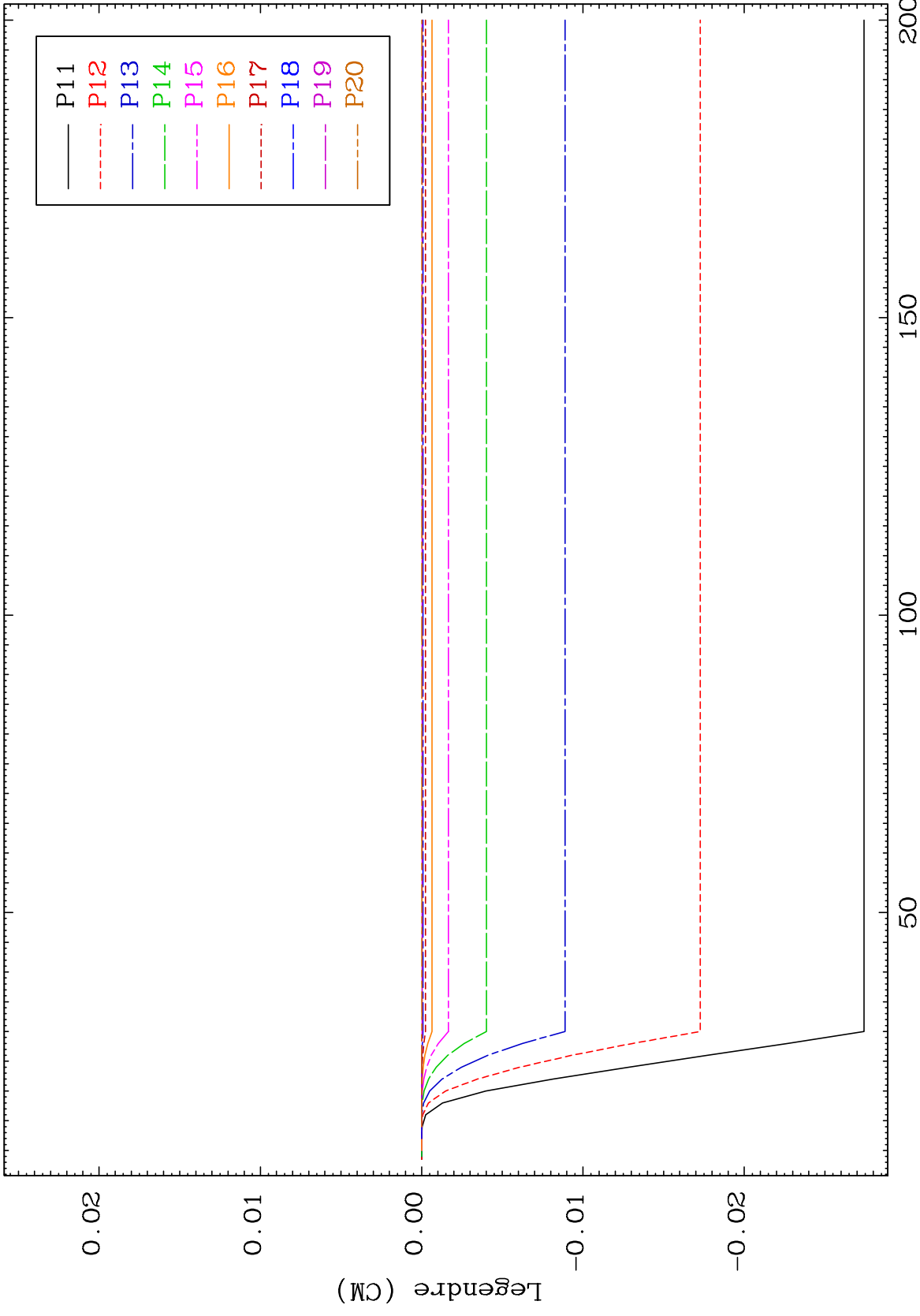
Incident Energy (MeV)

12-Mg-28

MAT 1237

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

12-Mg-28

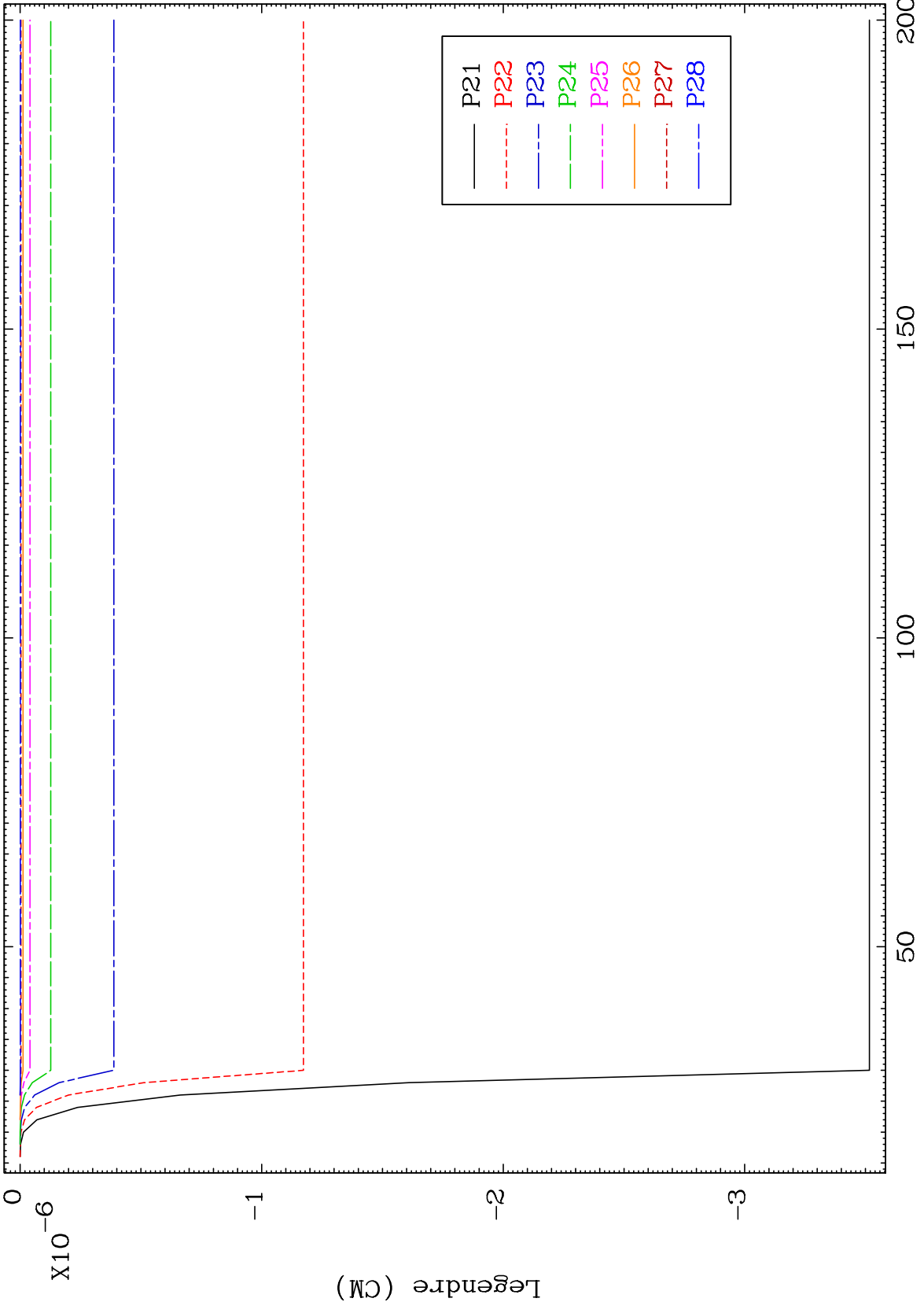


41

Incident Energy (MeV)

12-Mg-28

MAT 1237 MT= 58 (n,n') Level Legendre Coefficients 12-Mg-28

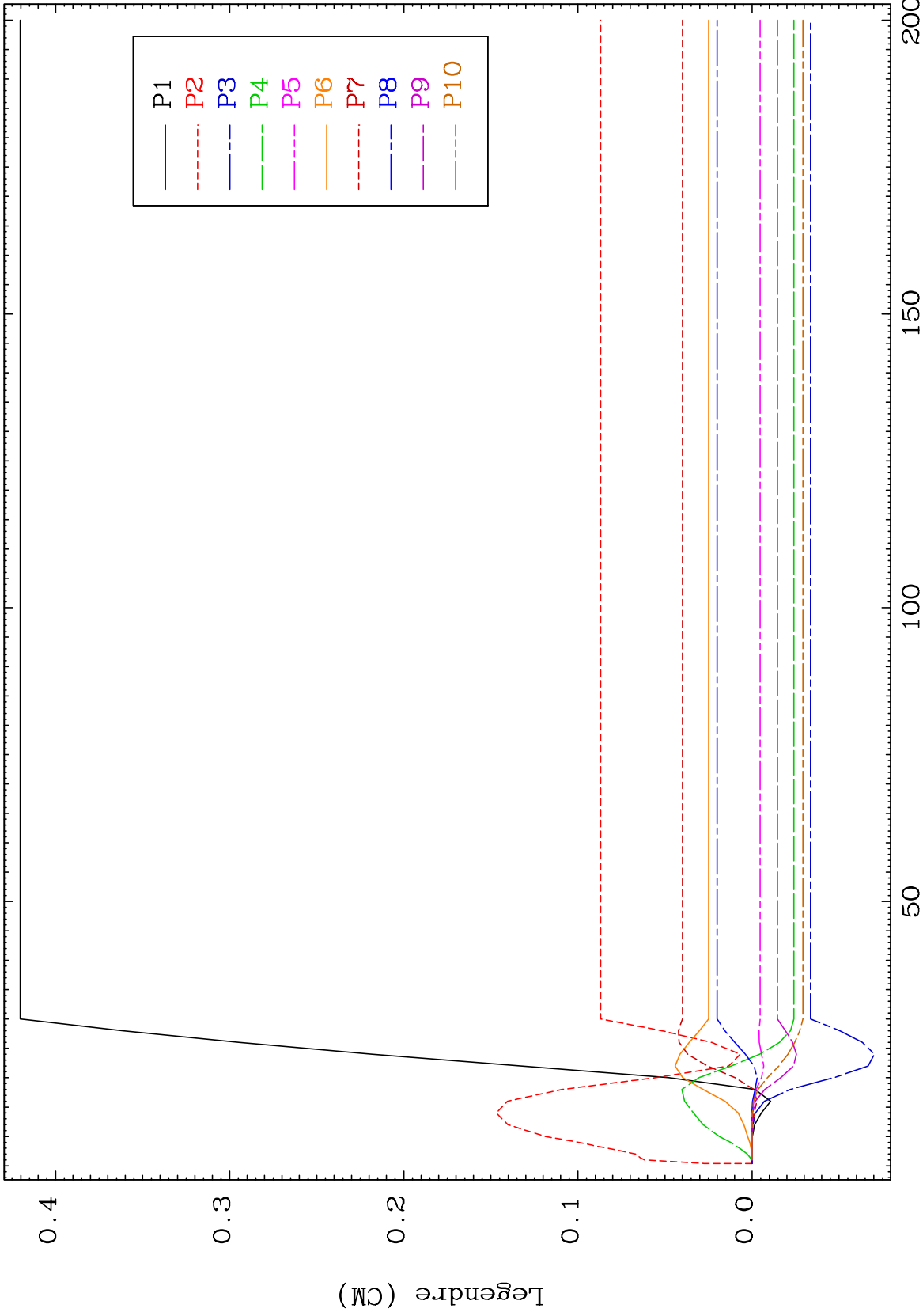


42 Incident Energy (MeV) 12-Mg-28

MAT 1237

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

12-Mg-28



43

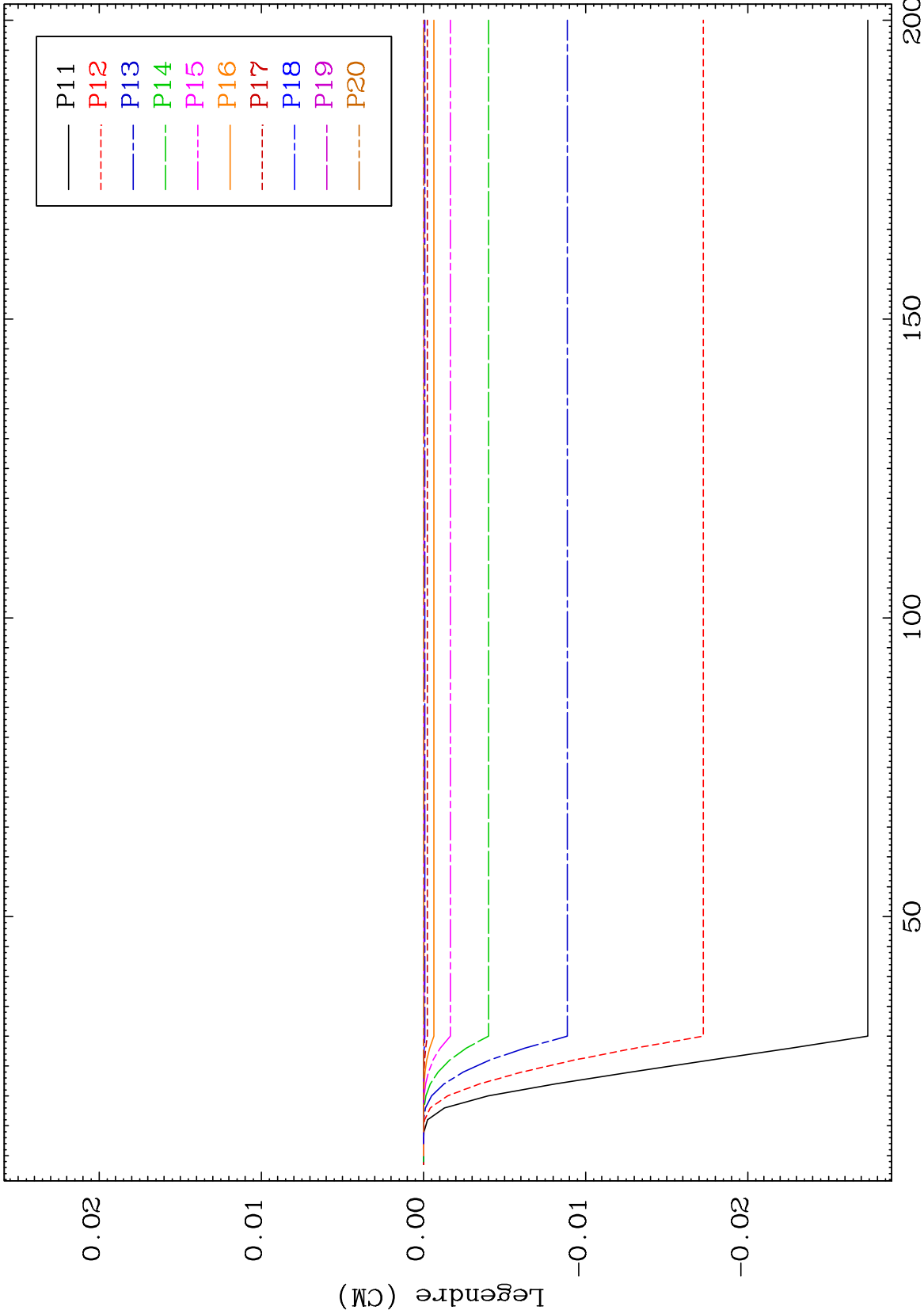
Incident Energy (MeV)

12-Mg-28

MAT 1237

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

12-Mg-28

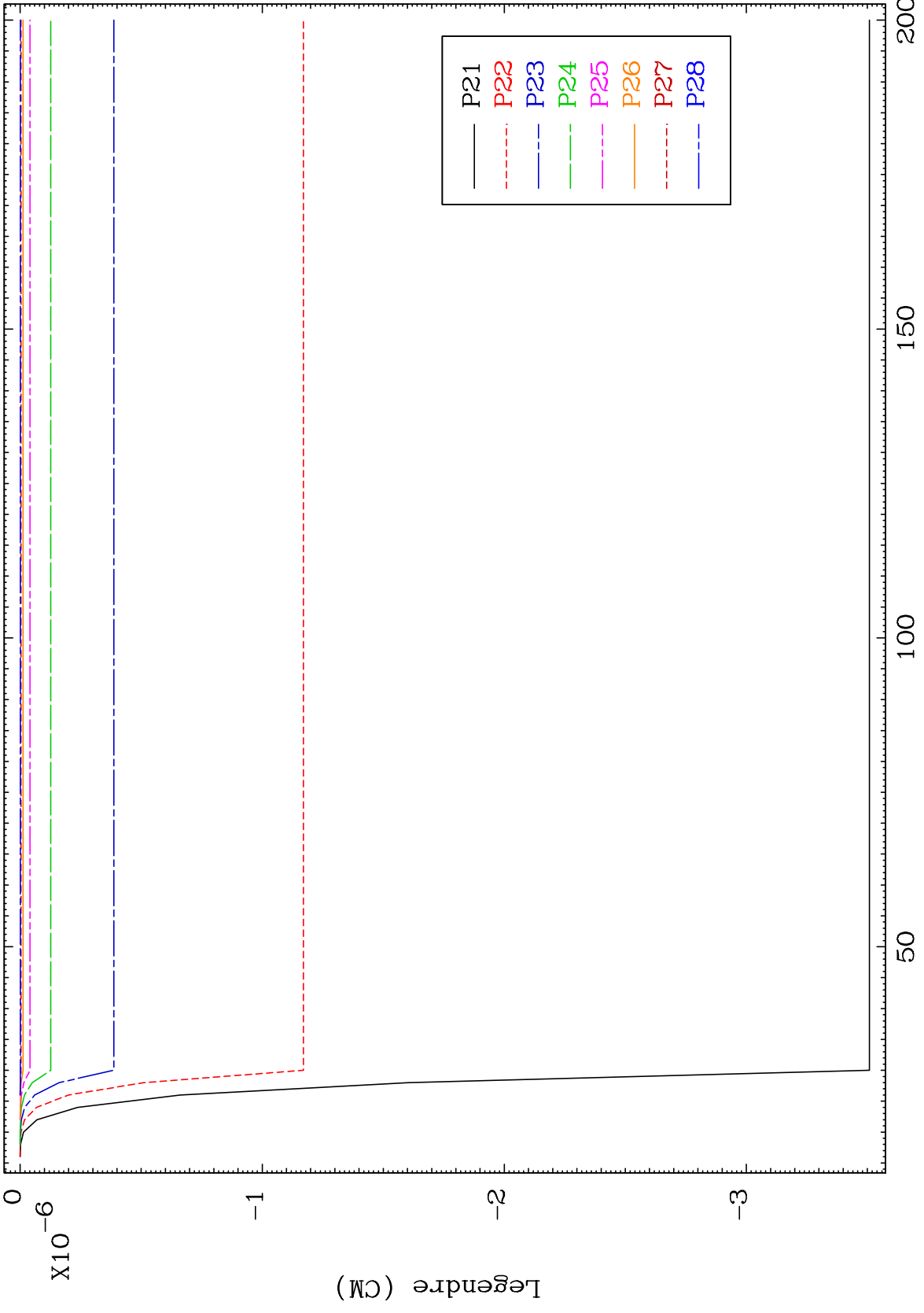


44

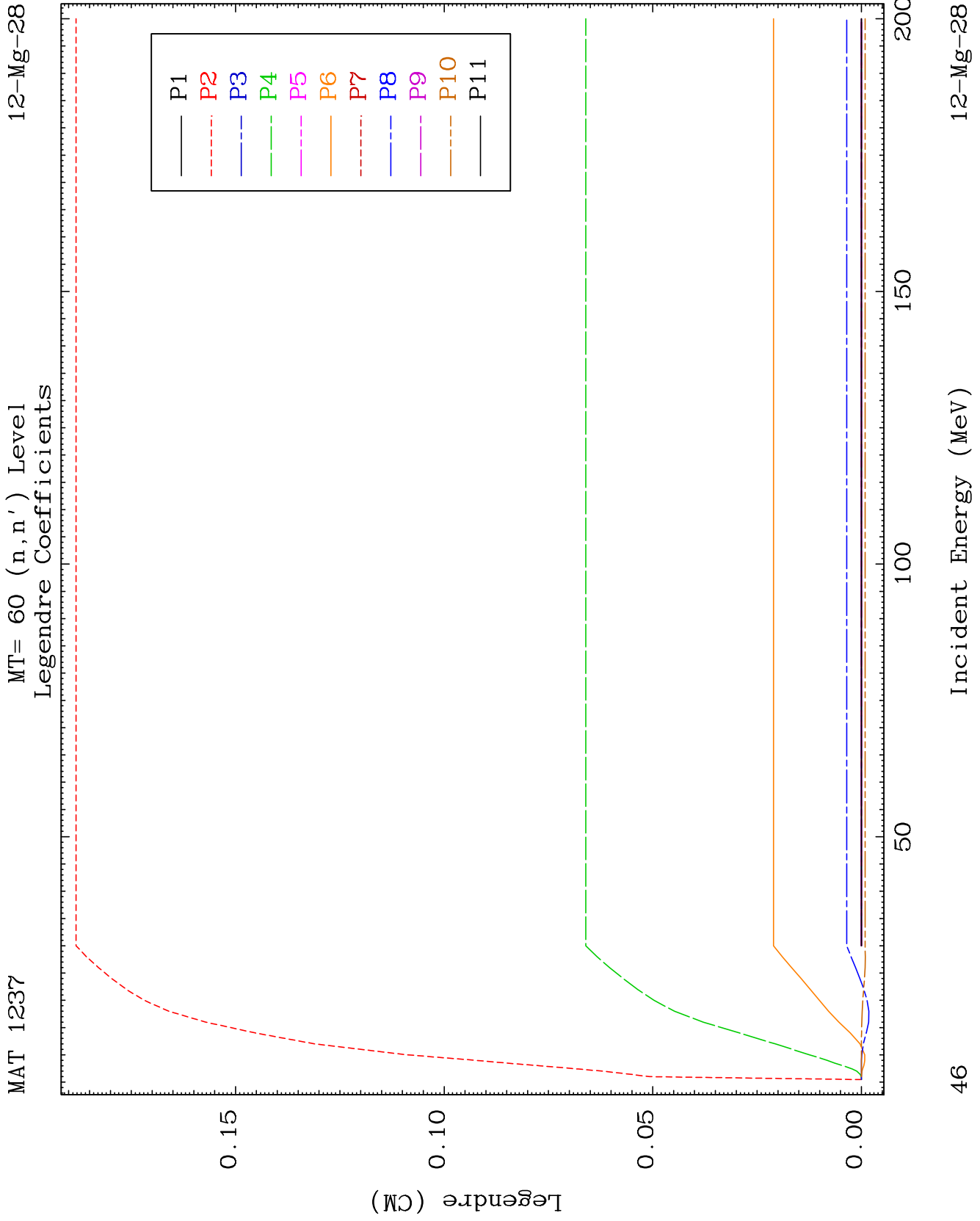
Incident Energy (MeV)

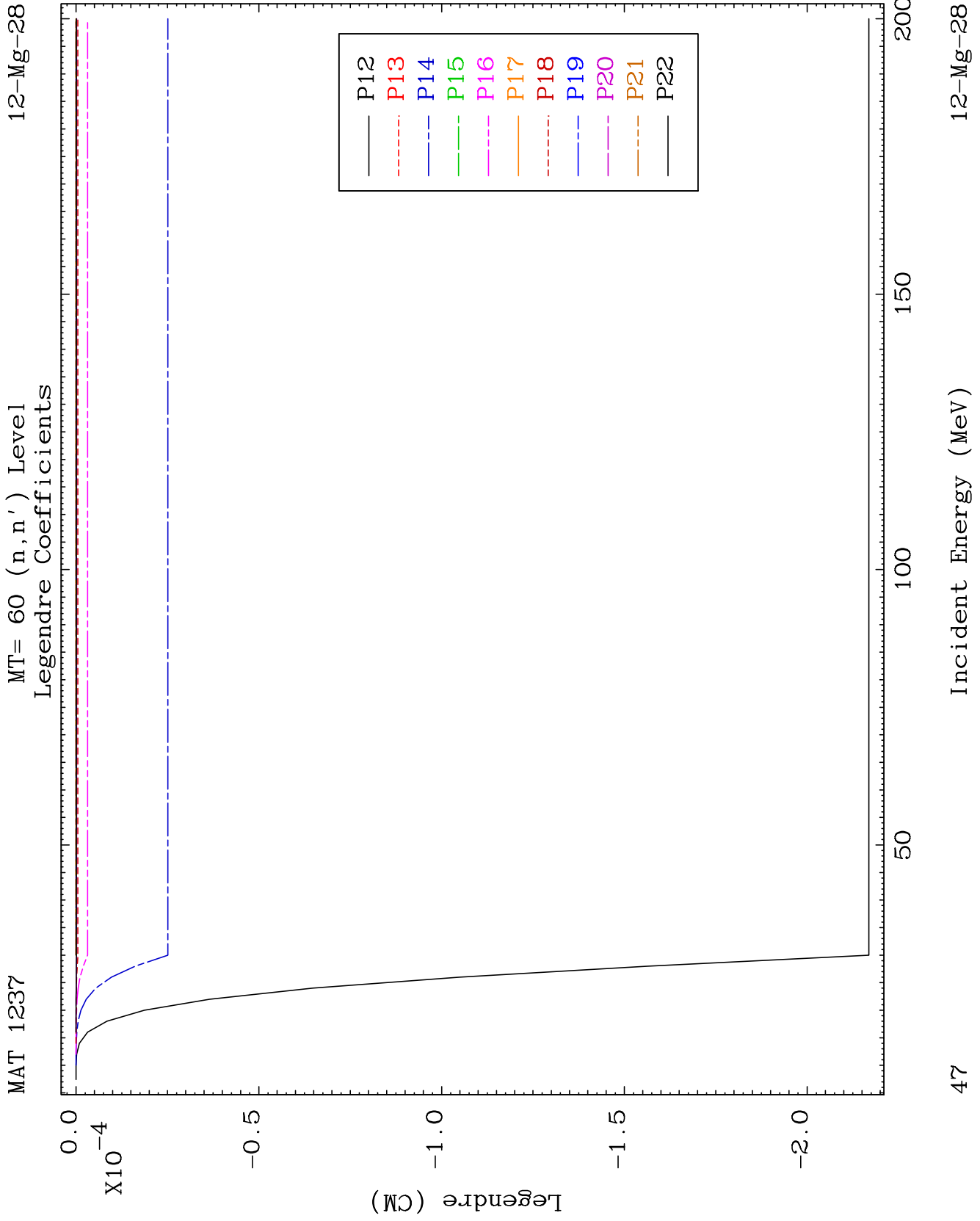
12-Mg-28

MAT 1237 MT= 59 (n,n') Level Legendre Coefficients 12-Mg-28



45 Incident Energy (MeV) 12-Mg-28

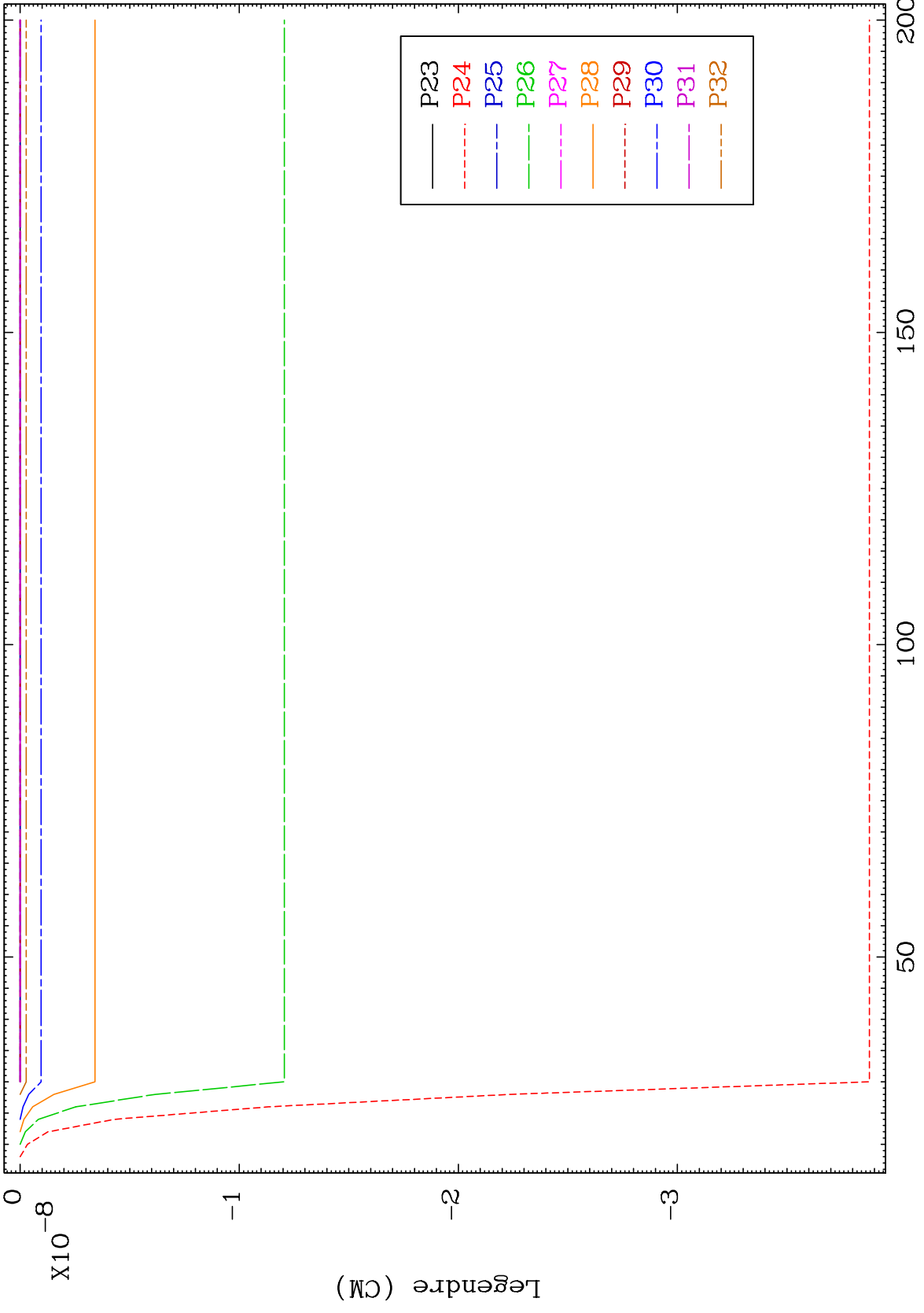




MAT 1237

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

12-Mg-28



12-Mg-28

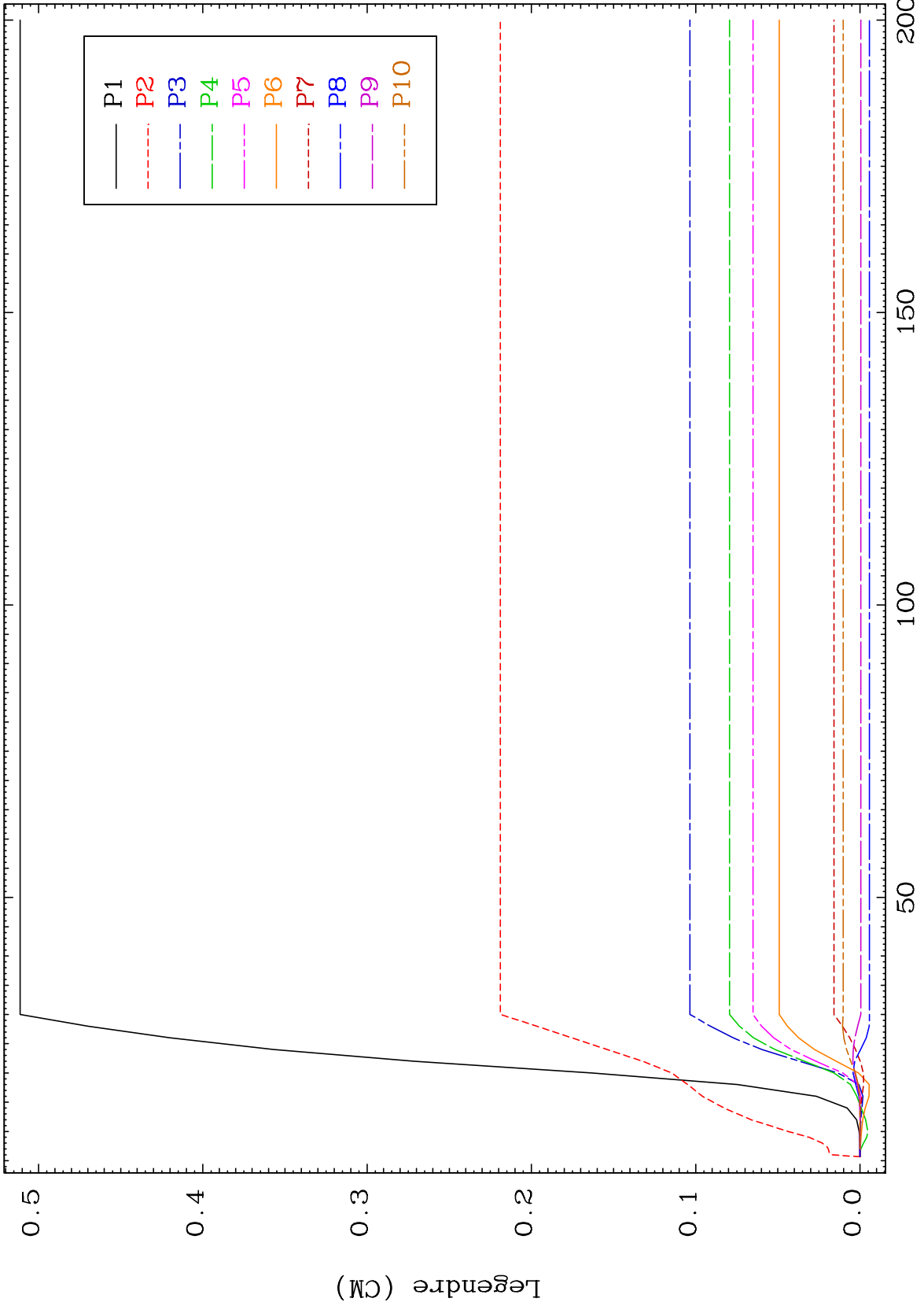
Incident Energy (MeV)

48

MAT 1237

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

12-Mg-28



49

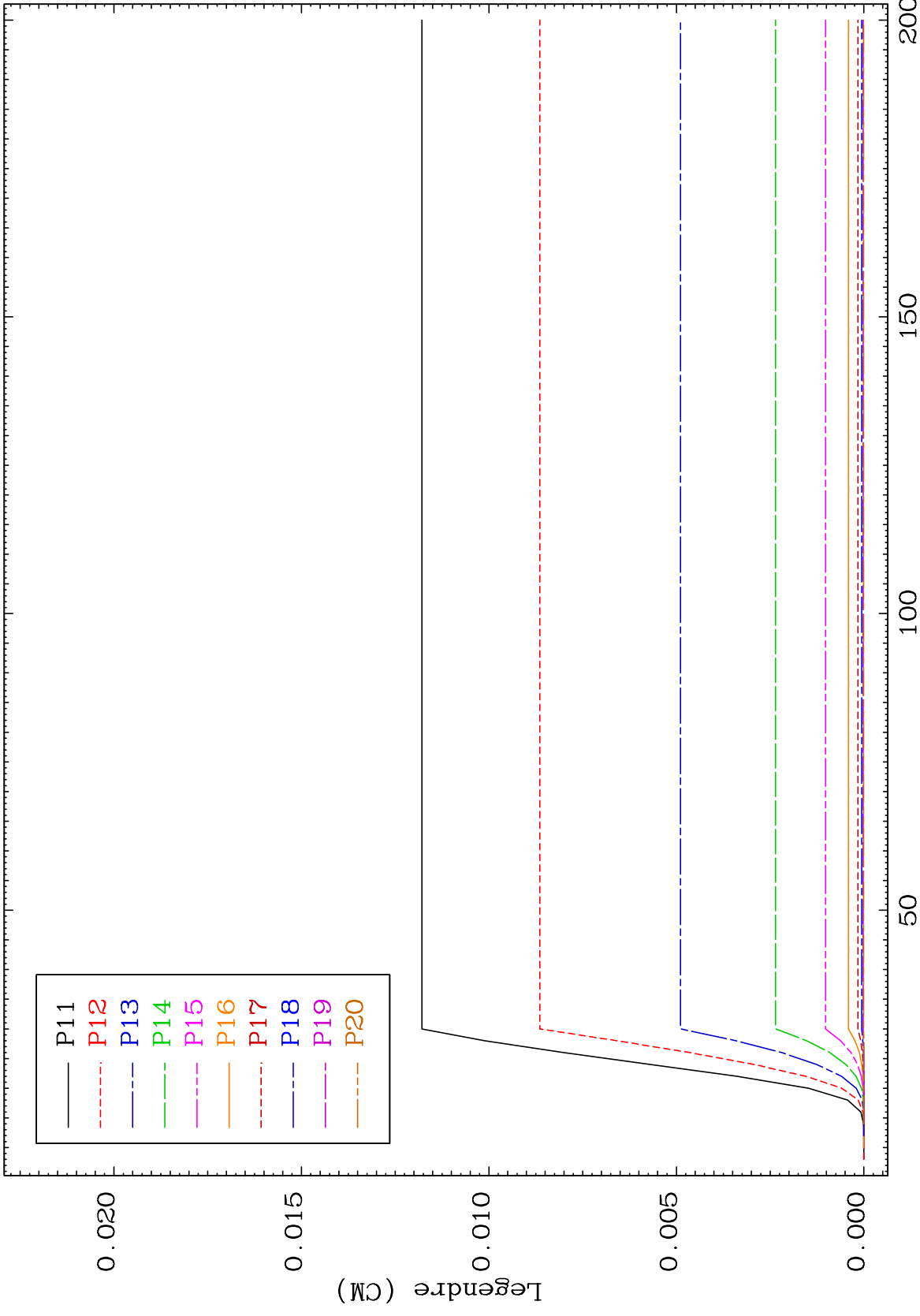
Incident Energy (MeV)

12-Mg-28

MAT 1237

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

12-Mg-28

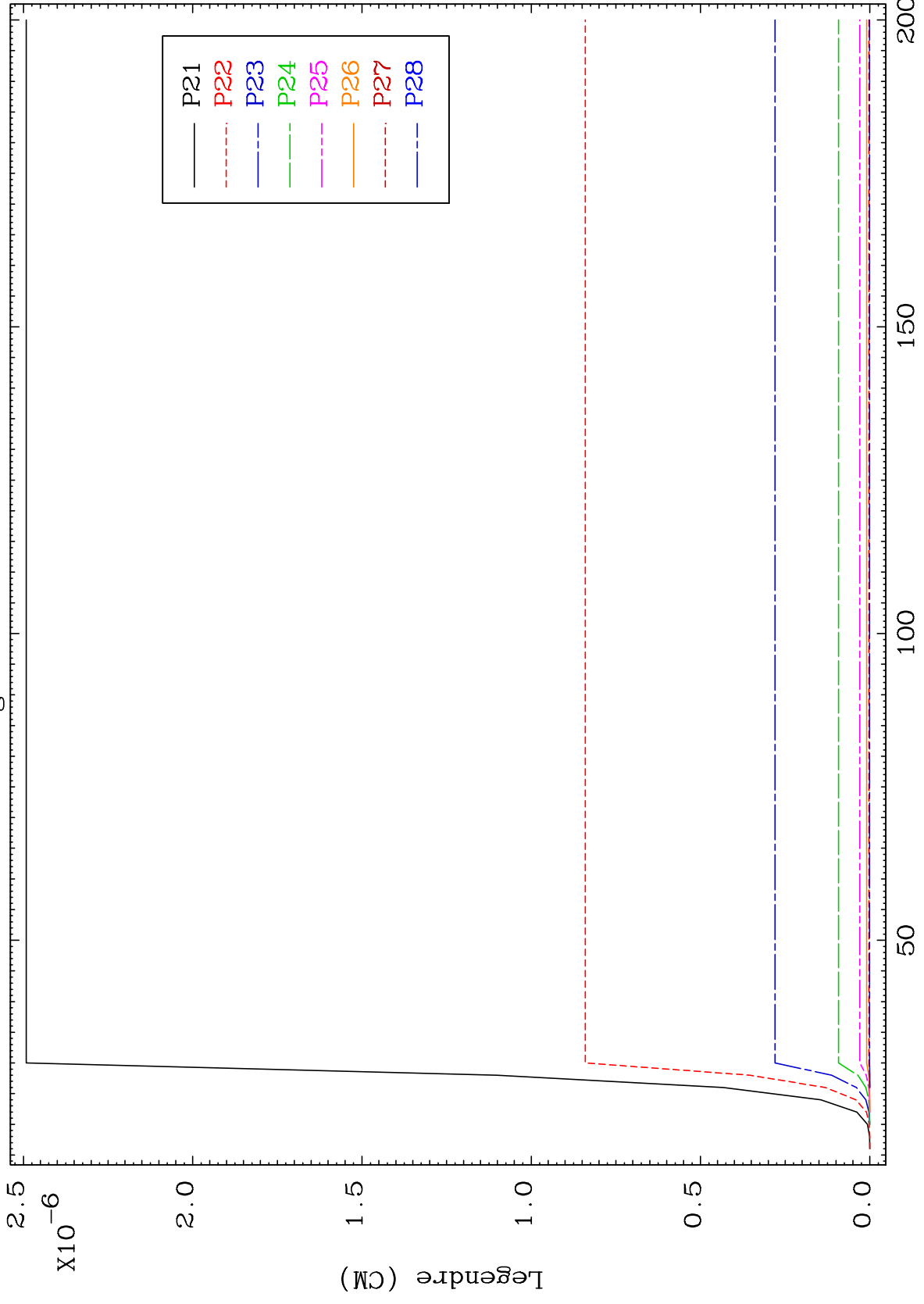


50

Incident Energy (MeV)

12-Mg-28

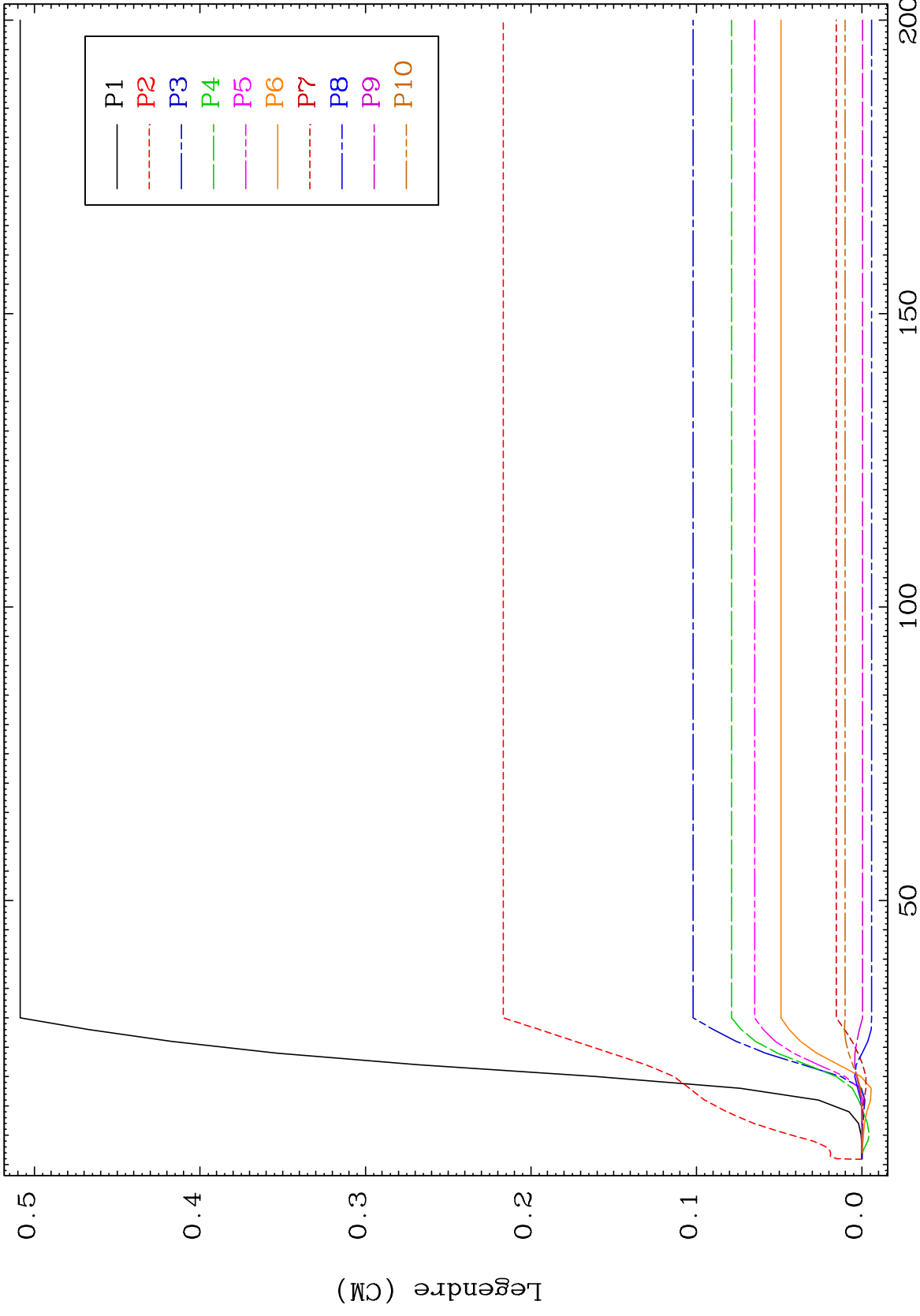
MAT 1237 MT= 61 (n,n') Level Legendre Coefficients 12-Mg-28



MAT 1237

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

12-Mg-28



52

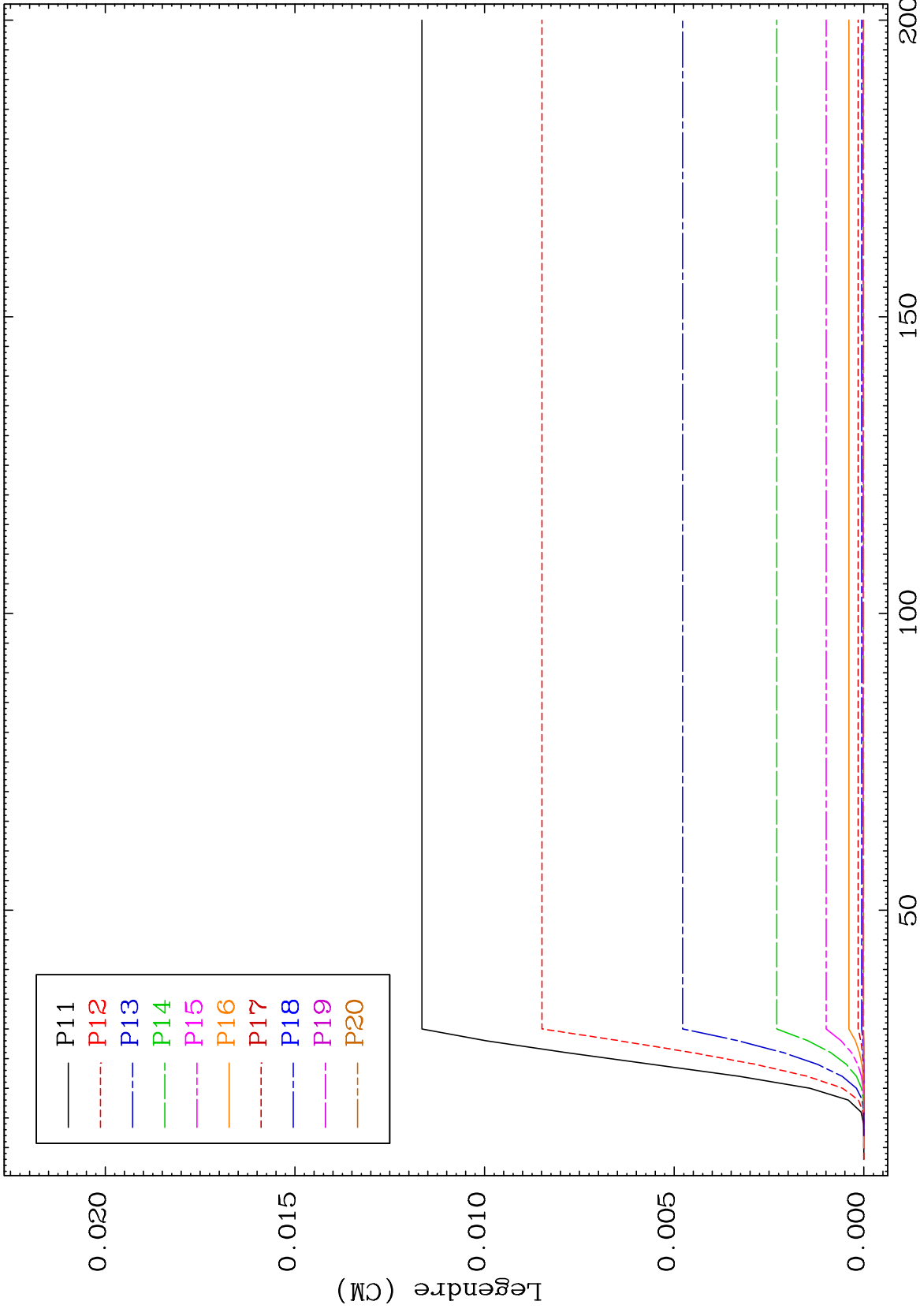
Incident Energy (MeV)

12-Mg-28

MAT 1237

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

12-Mg-28



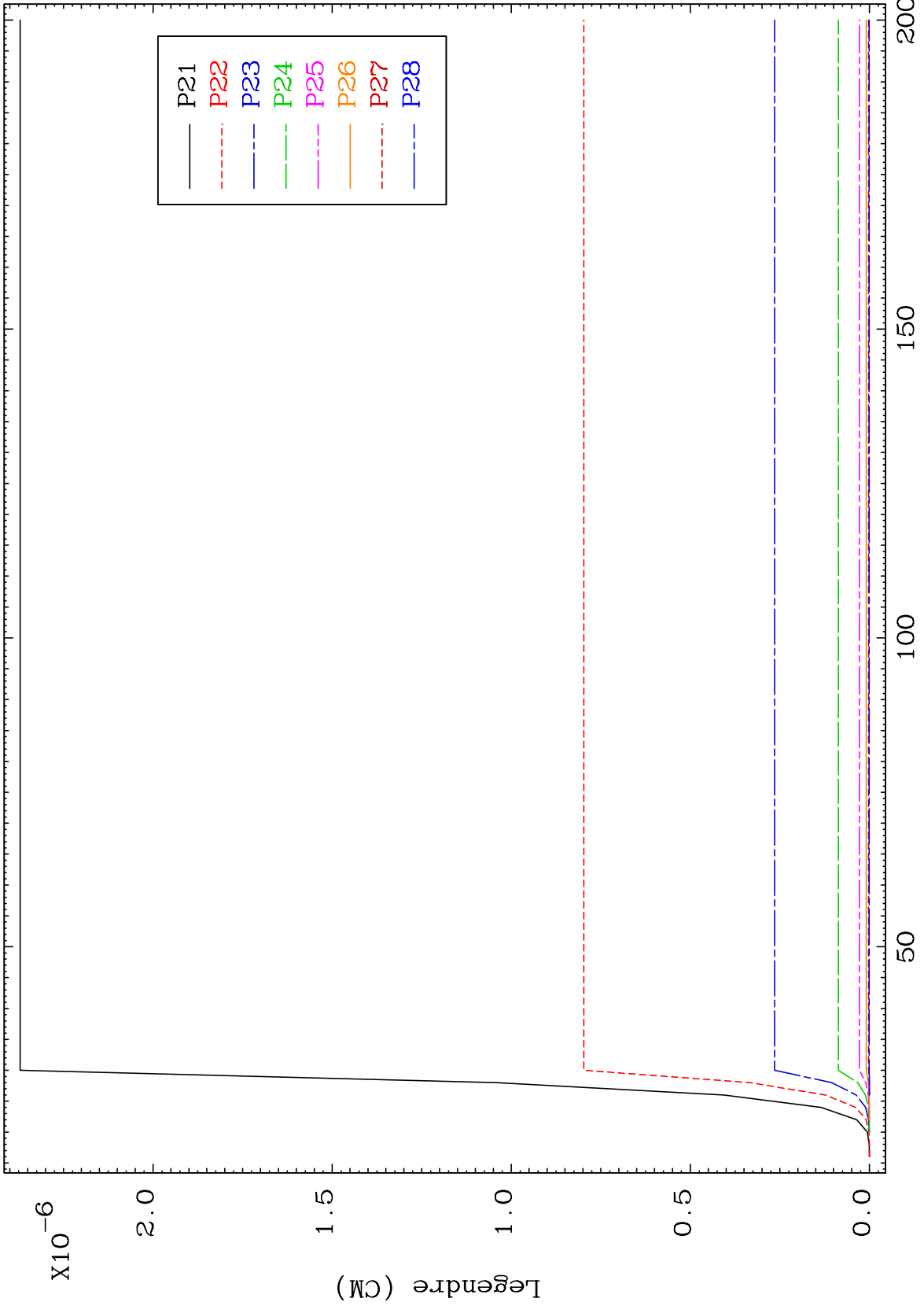
53

12-Mg-28

MAT 1237

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

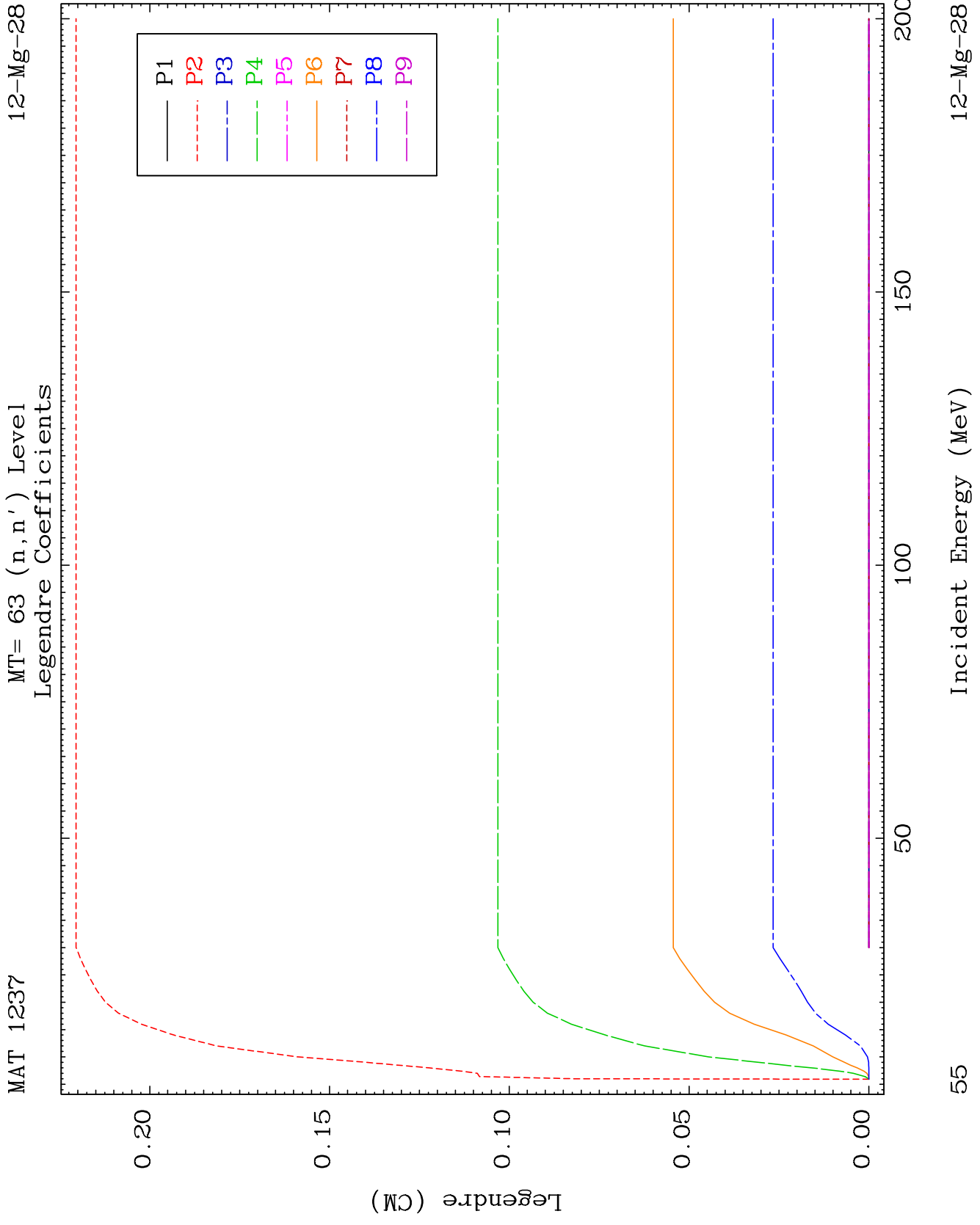
12-Mg-28



54

Incident Energy (MeV)

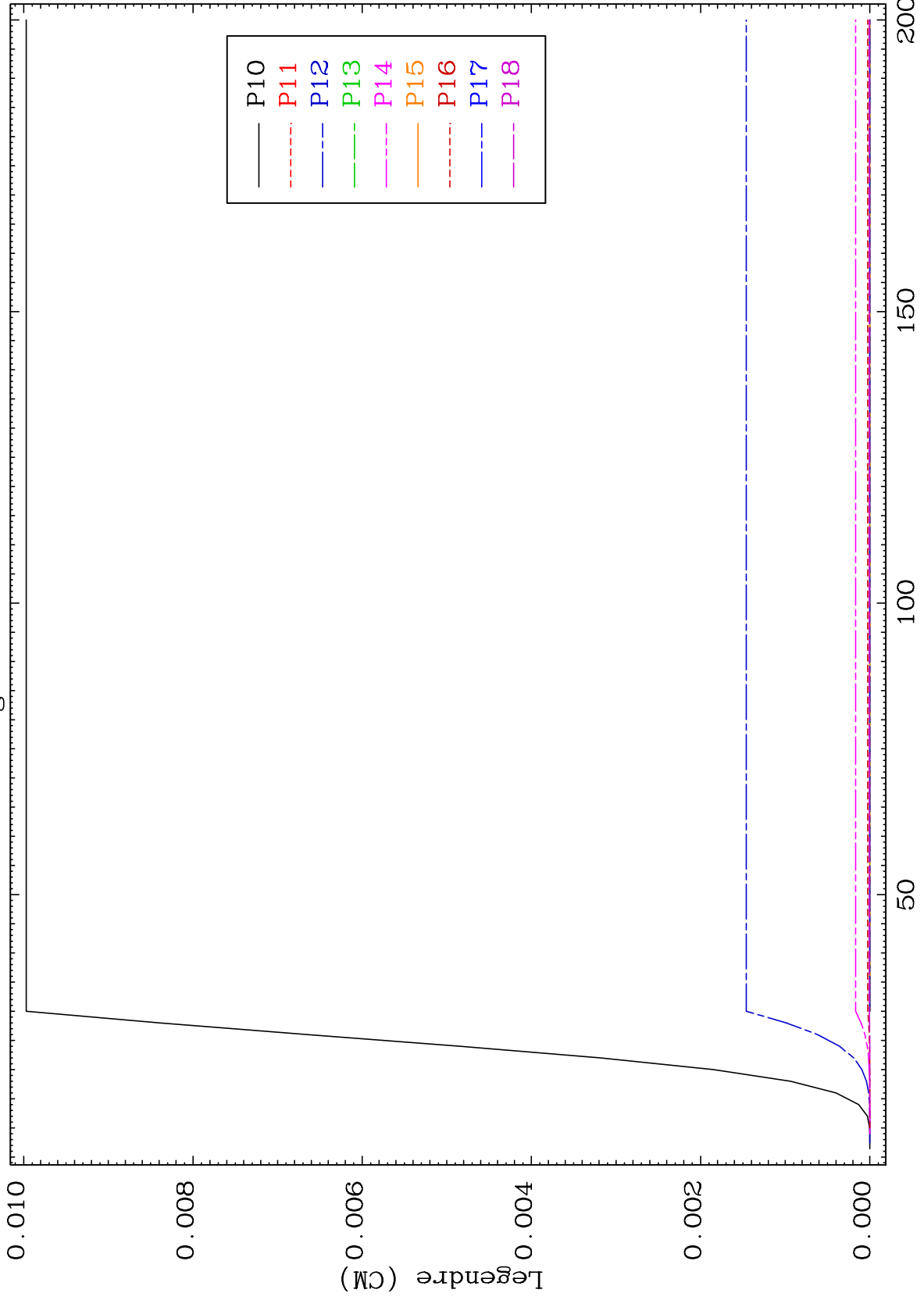
12-Mg-28



MAT 1237

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

12-Mg-28



56

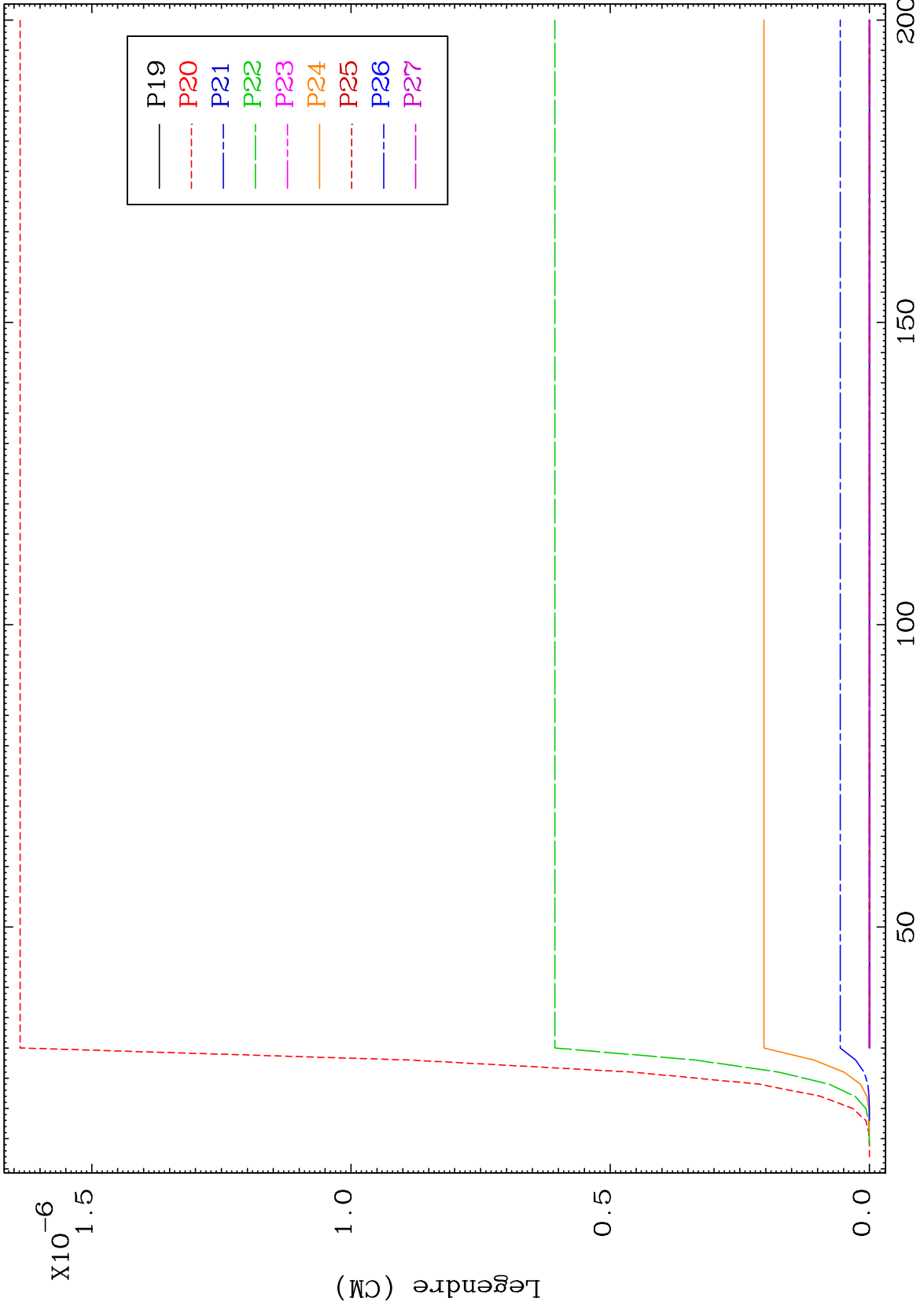
Incident Energy (MeV)

12-Mg-28

MAT 1237

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

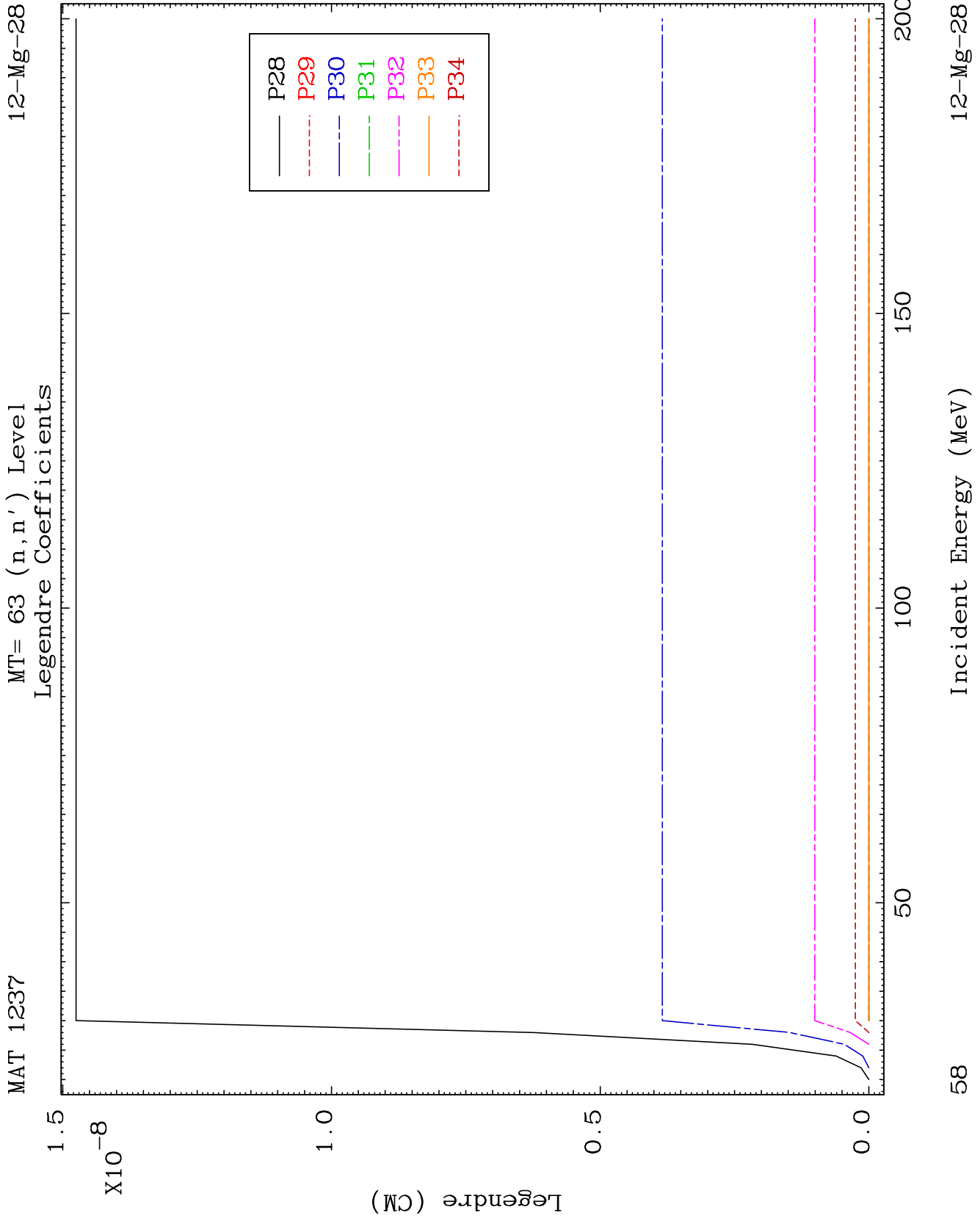
12-Mg-28



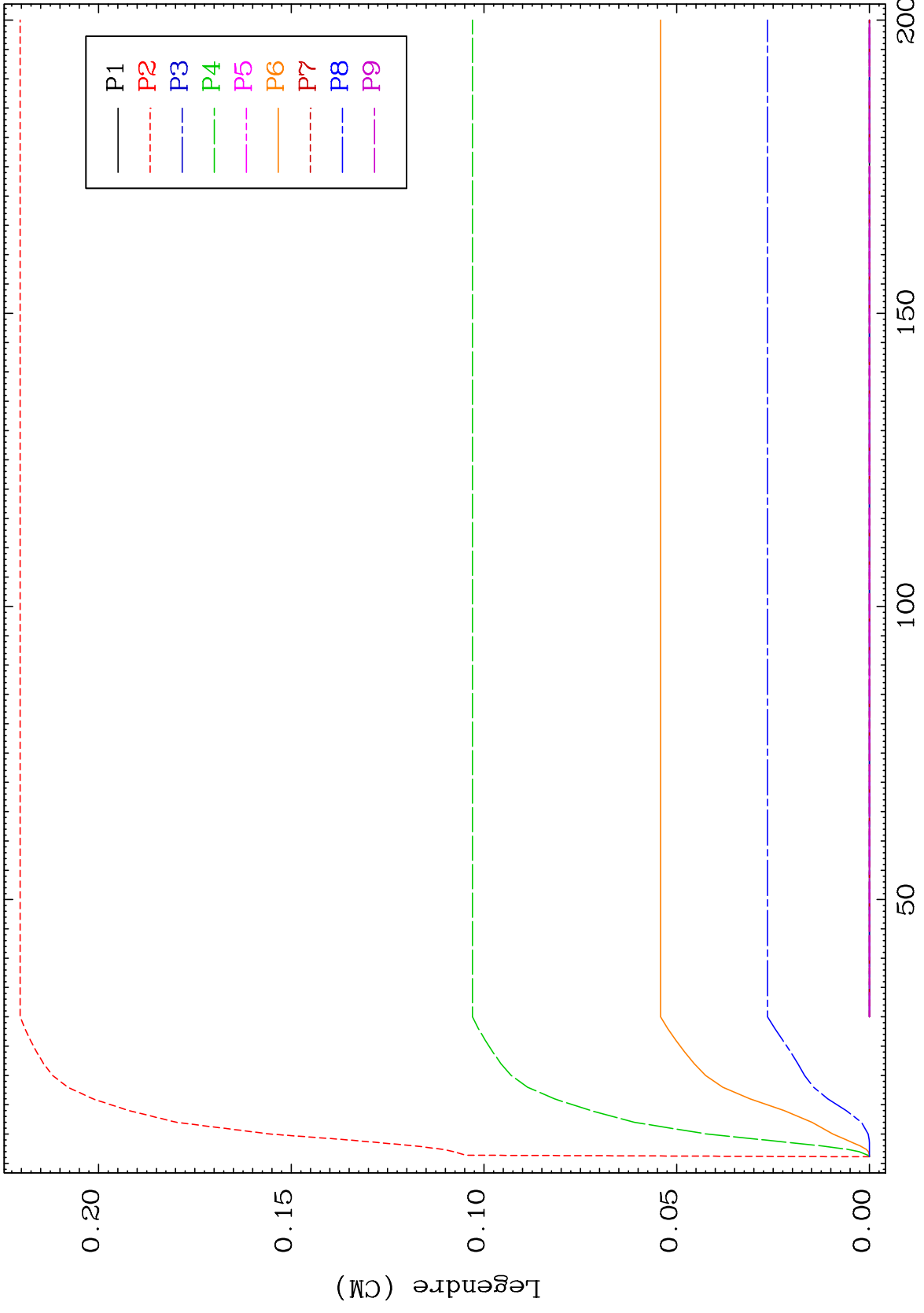
57

Incident Energy (MeV)

12-Mg-28



MAT 1237 MT= 64 (n,n') Level Legendre Coefficients 12-Mg-28

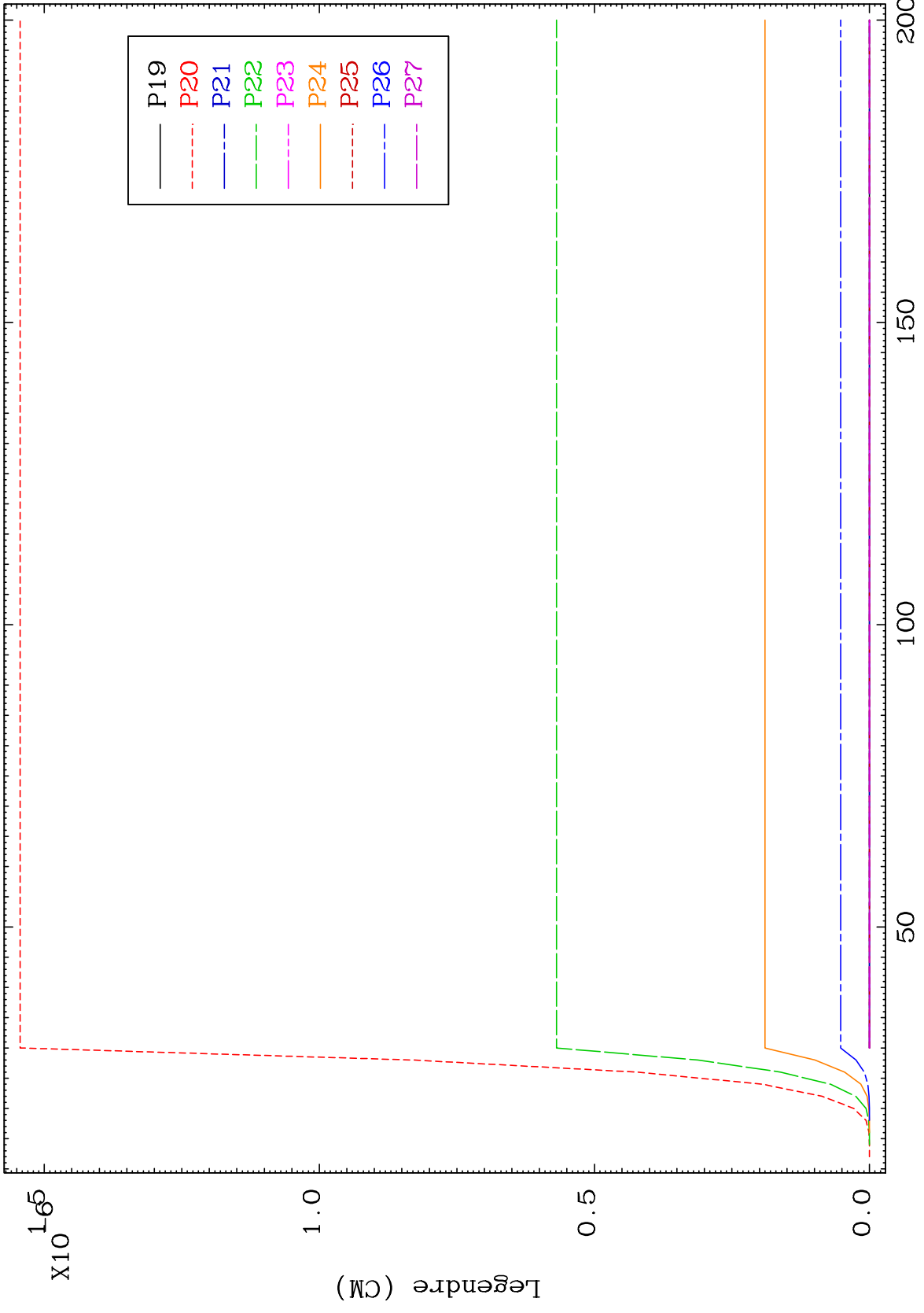


59 Incident Energy (MeV) 12-Mg-28

MAT 1237

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

12-Mg-28



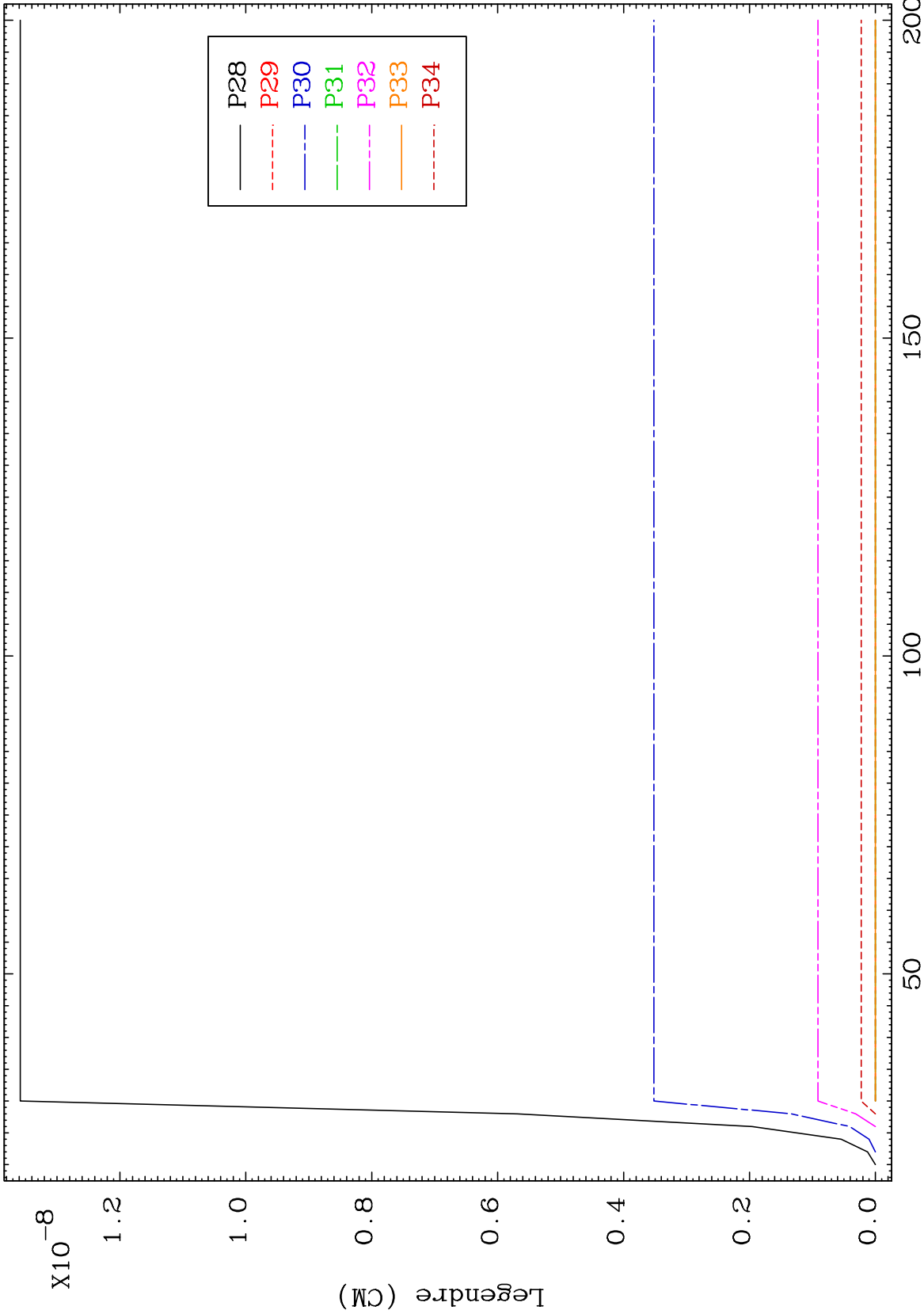
12-Mg-28

61

MAT 1237

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

12-Mg-28



62

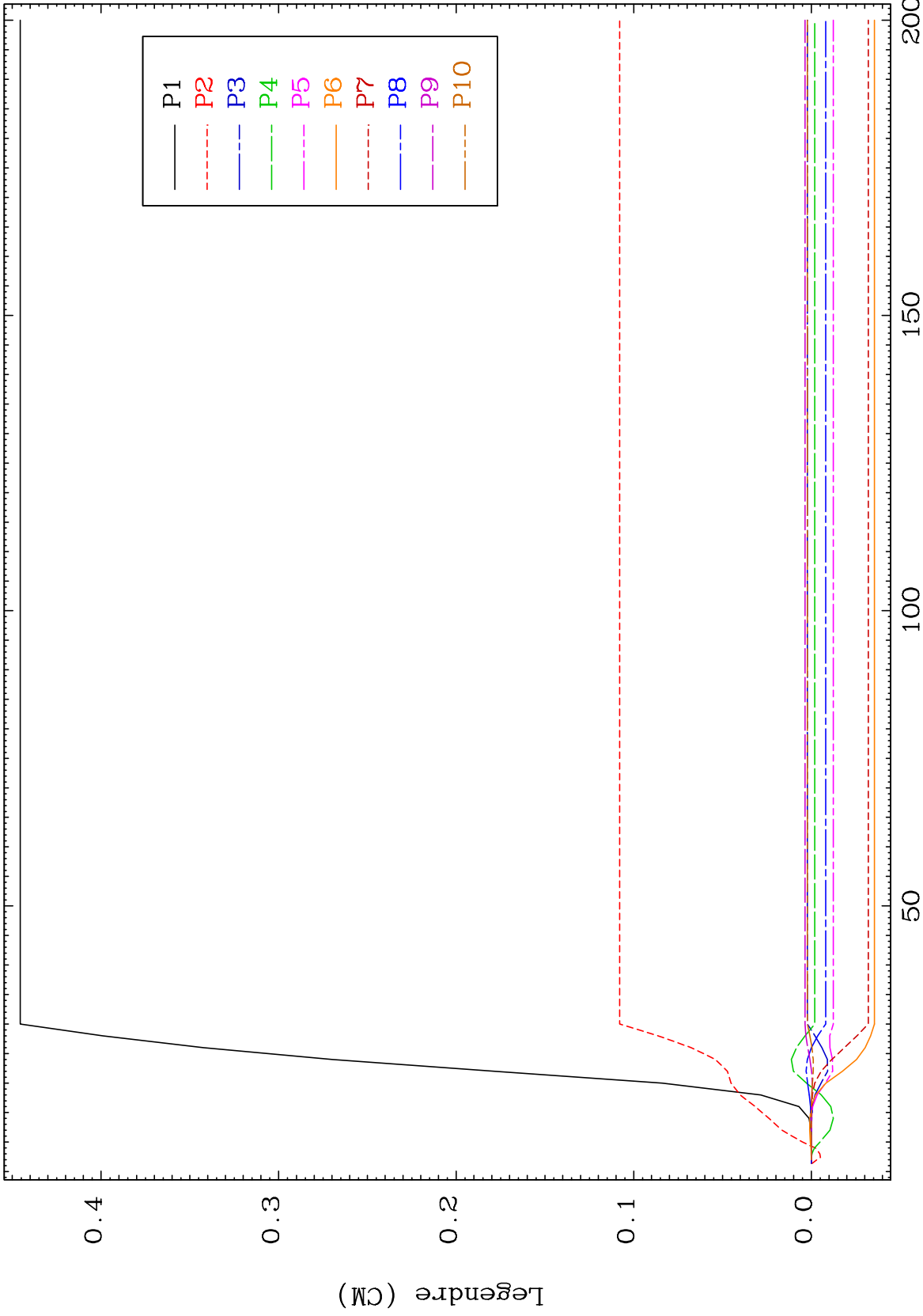
Incident Energy (MeV)

12-Mg-28

MAT 1237

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

12-Mg-28



63

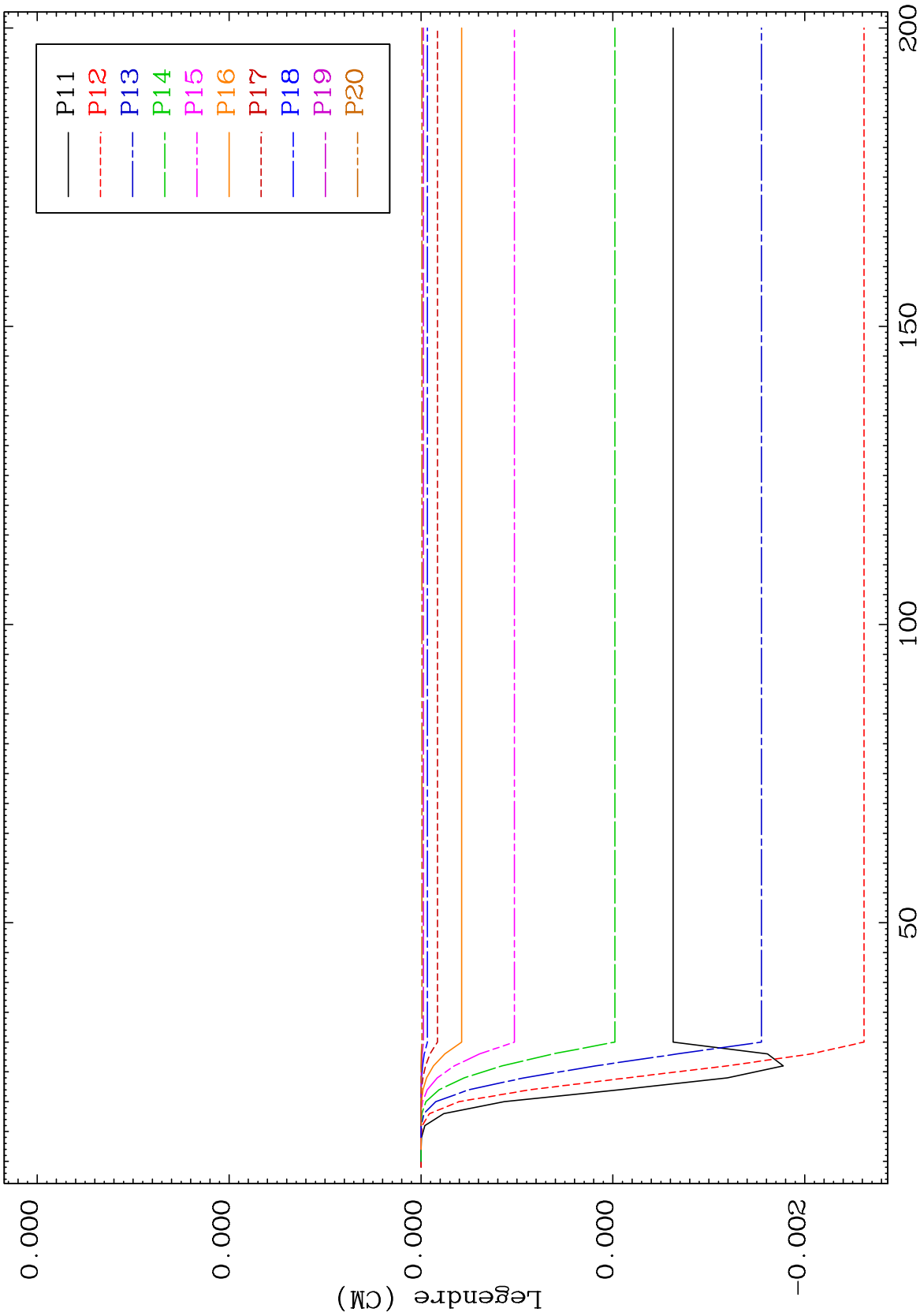
Incident Energy (MeV)

12-Mg-28

MAT 1237

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

12-Mg-28

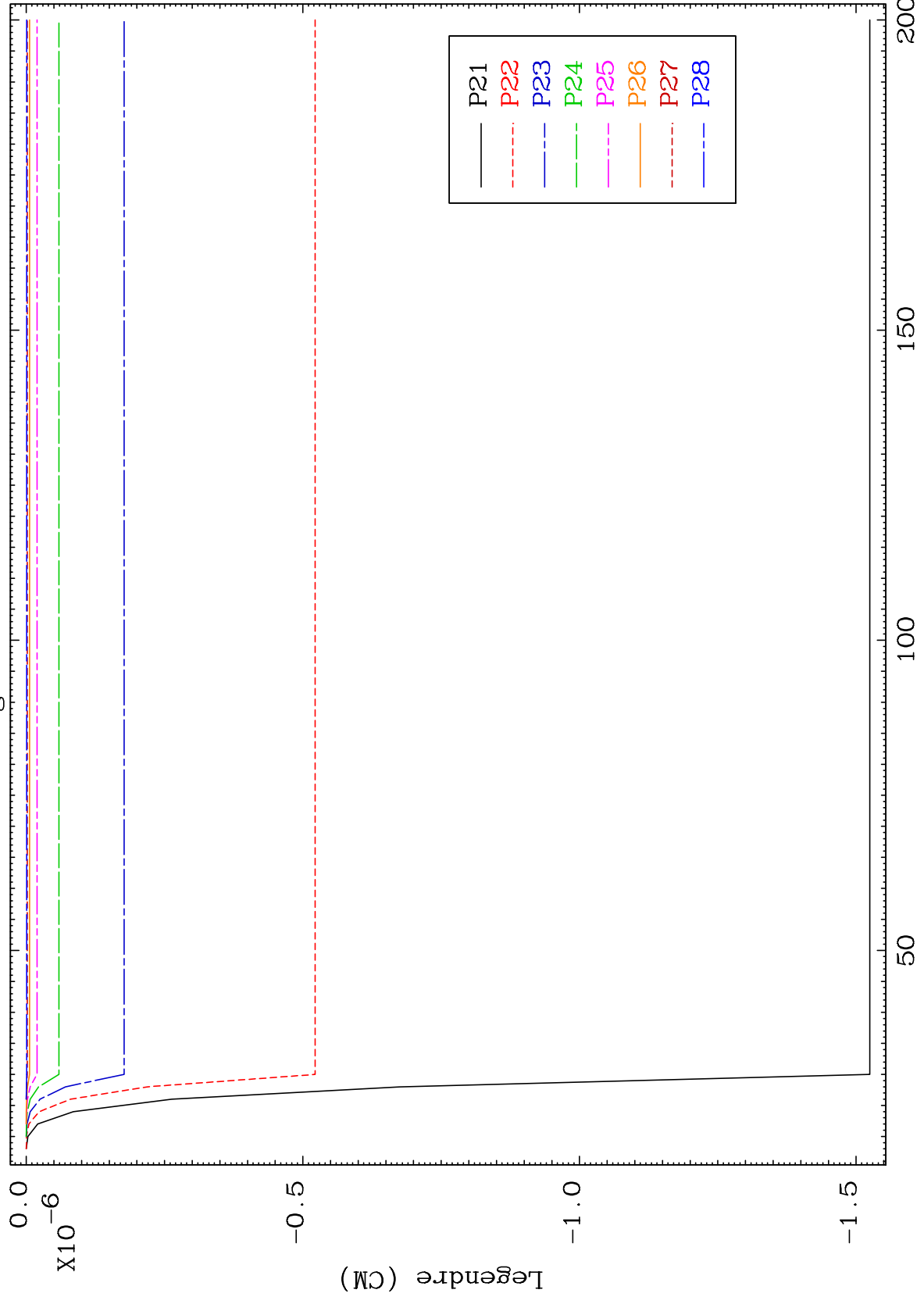


64

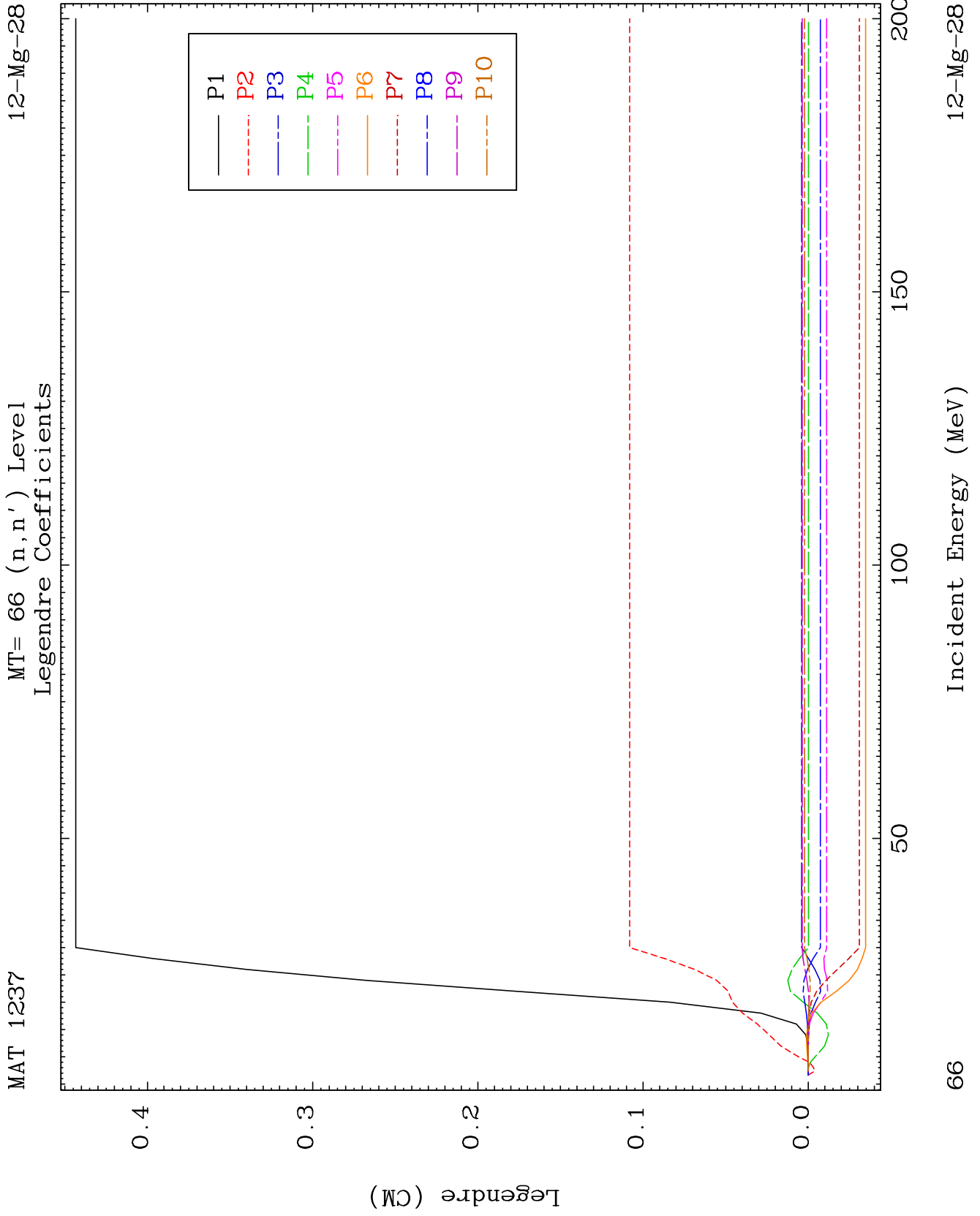
Incident Energy (MeV)

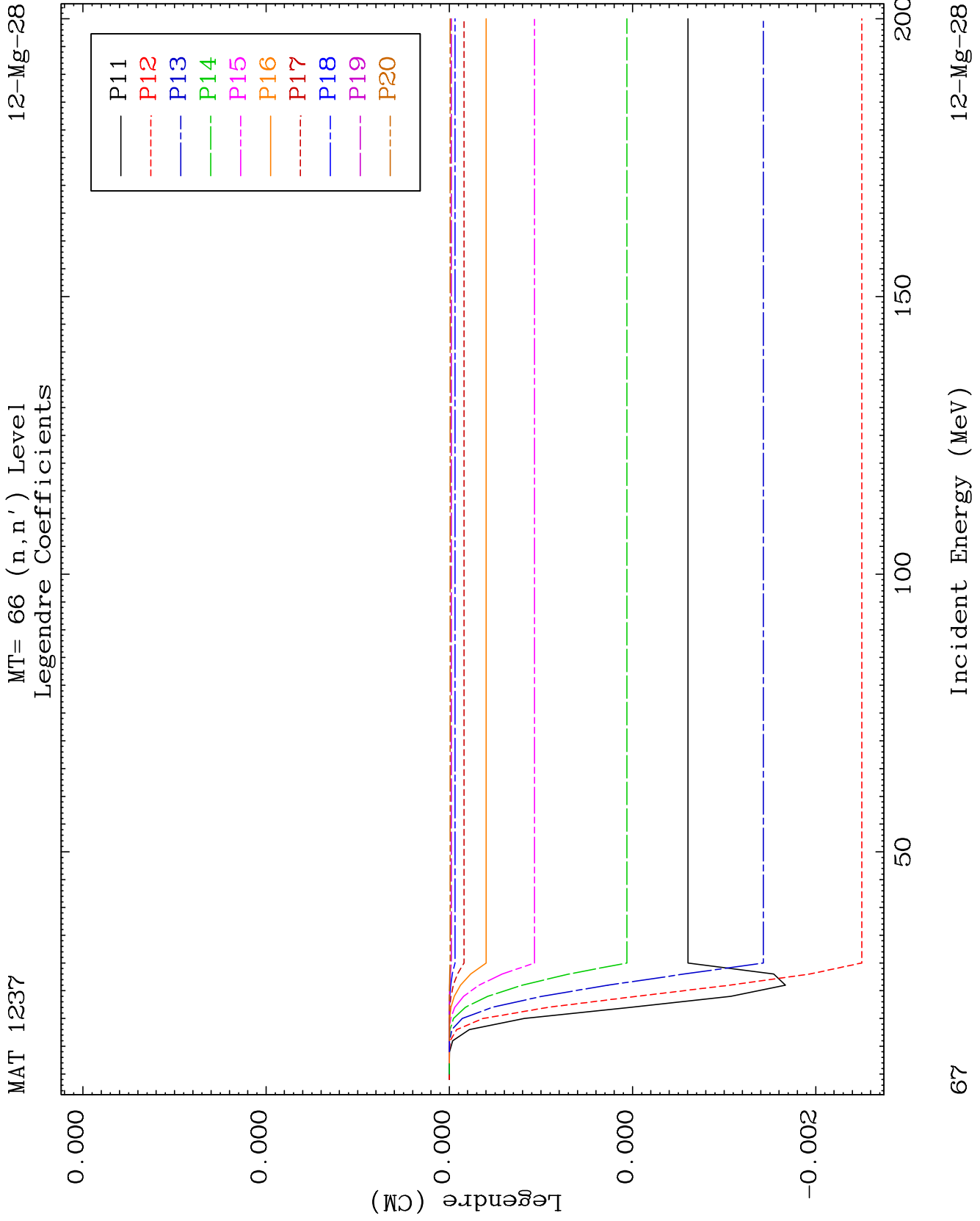
12-Mg-28

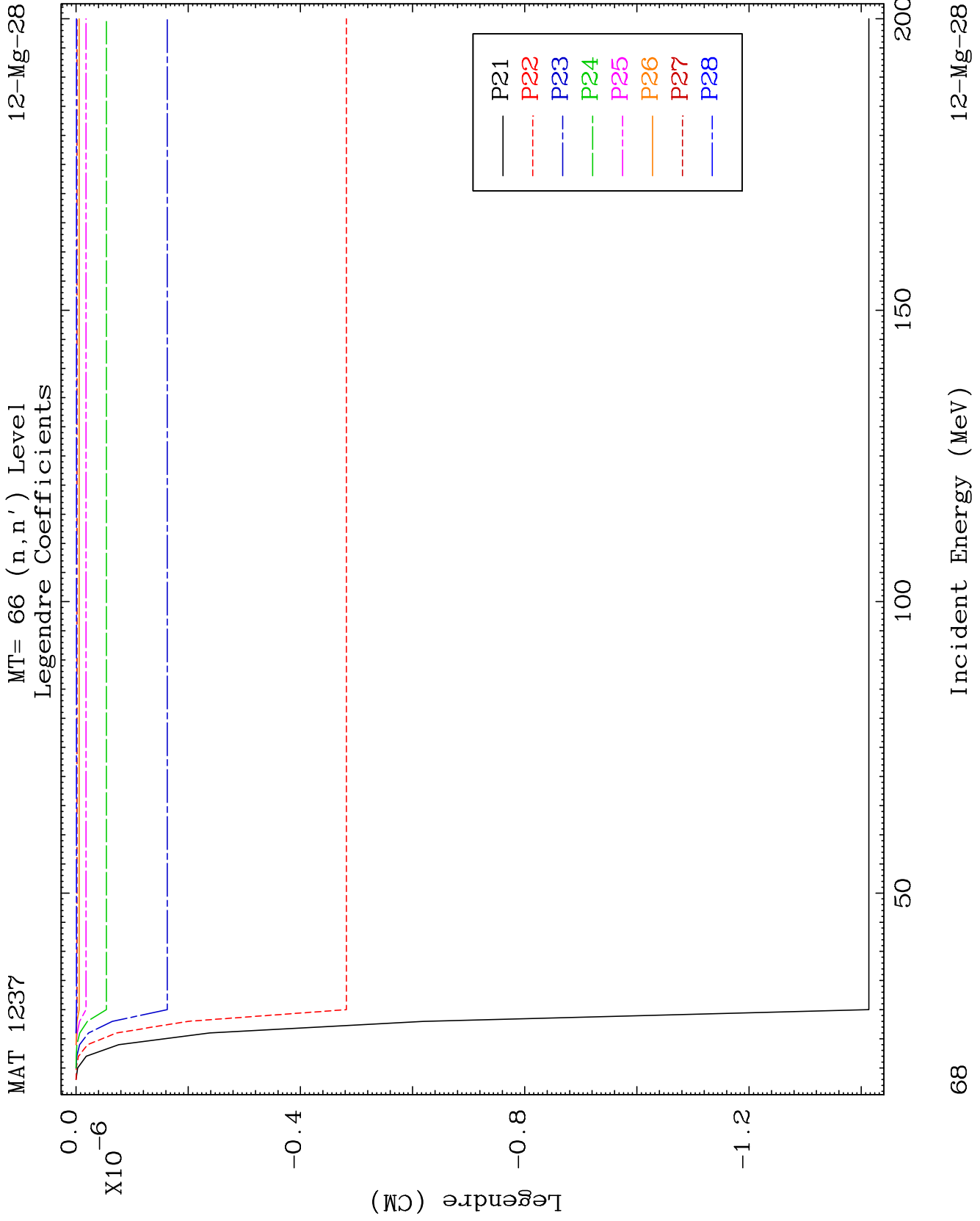
MAT 1237 MT= 65 (n,n') Level Legendre Coefficients 12-Mg-28



65 Incident Energy (MeV) 12-Mg-28



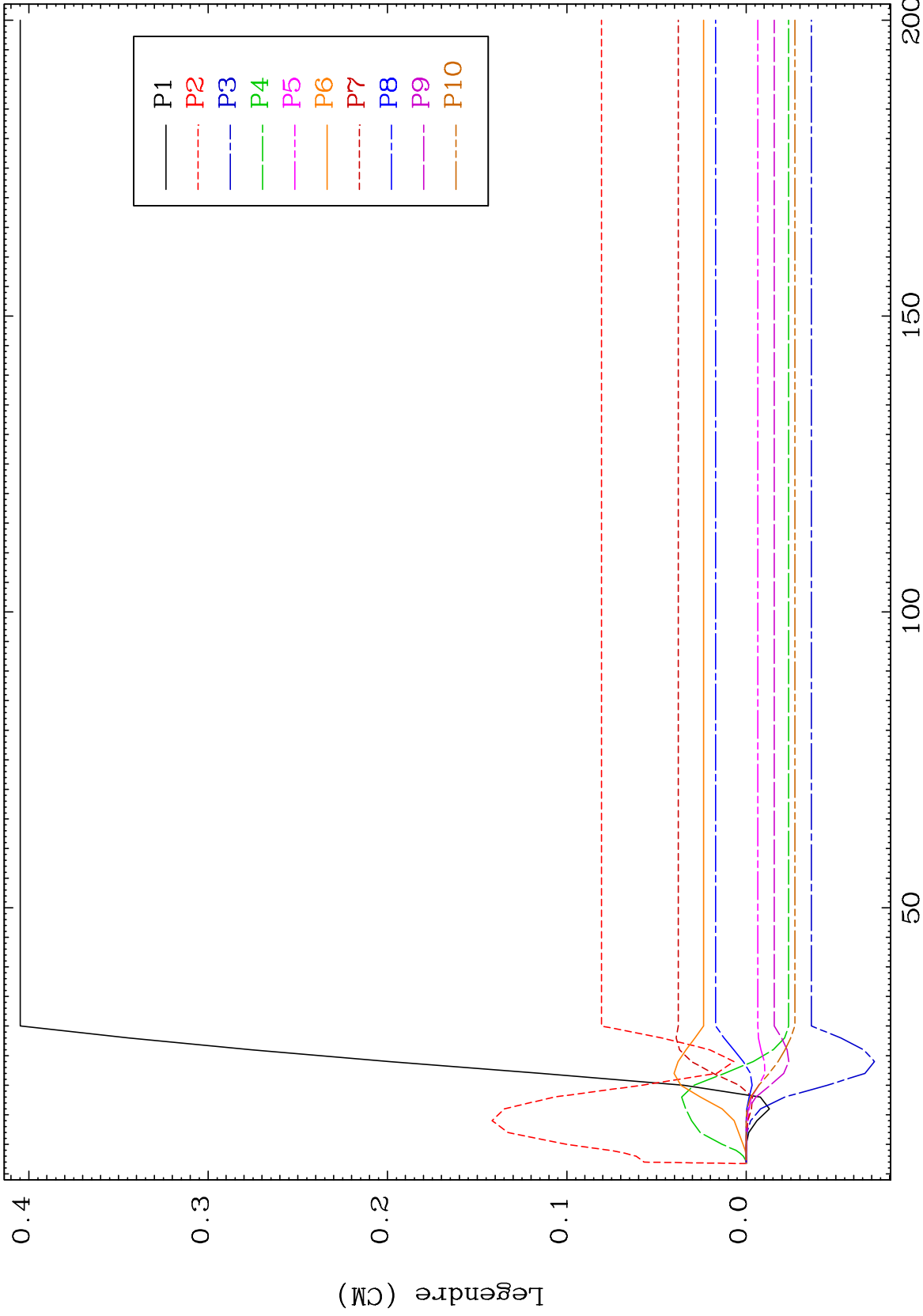




MAT 1237

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

12-Mg-28



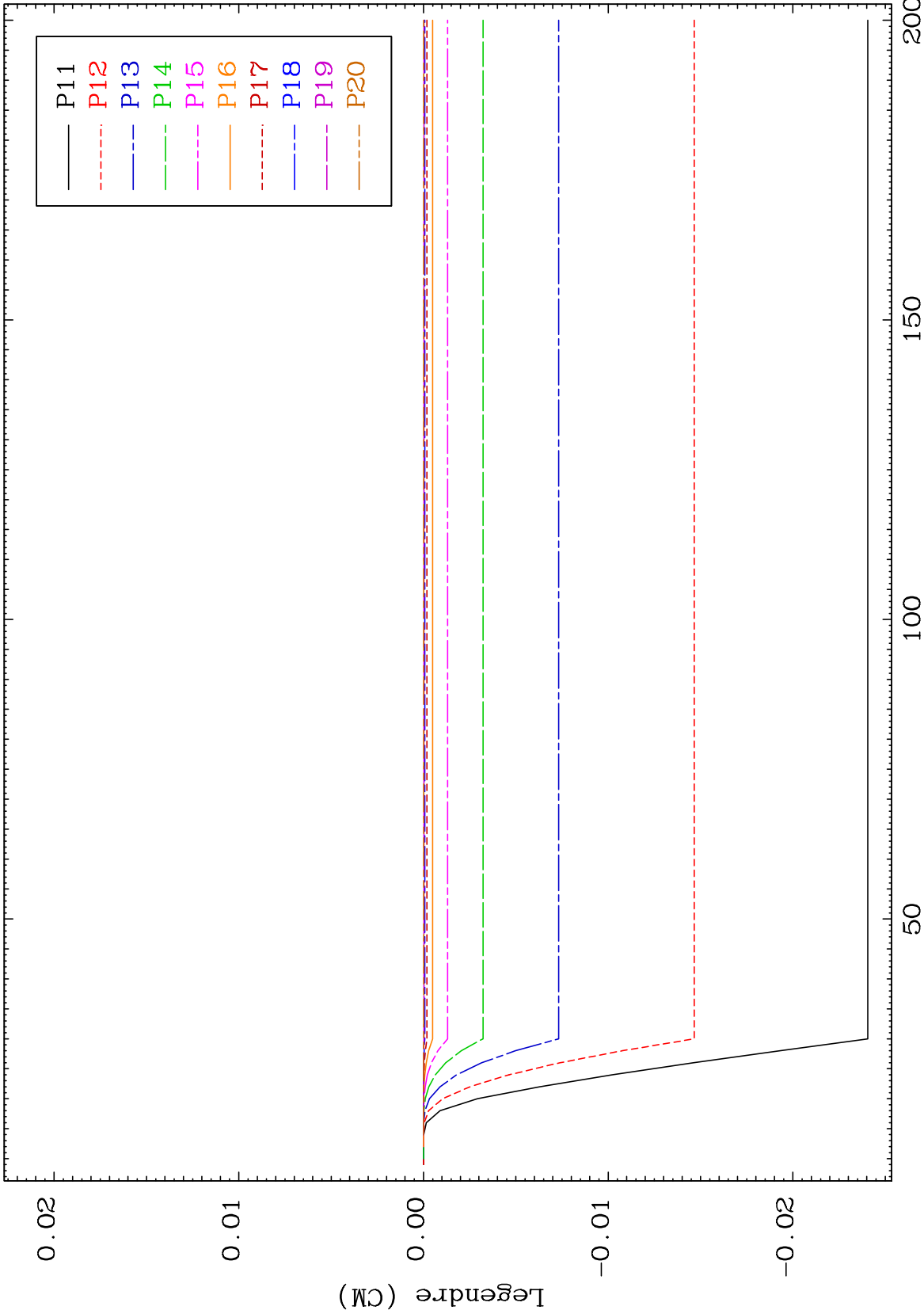
69

12-Mg-28

MAT 1237

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

12-Mg-28

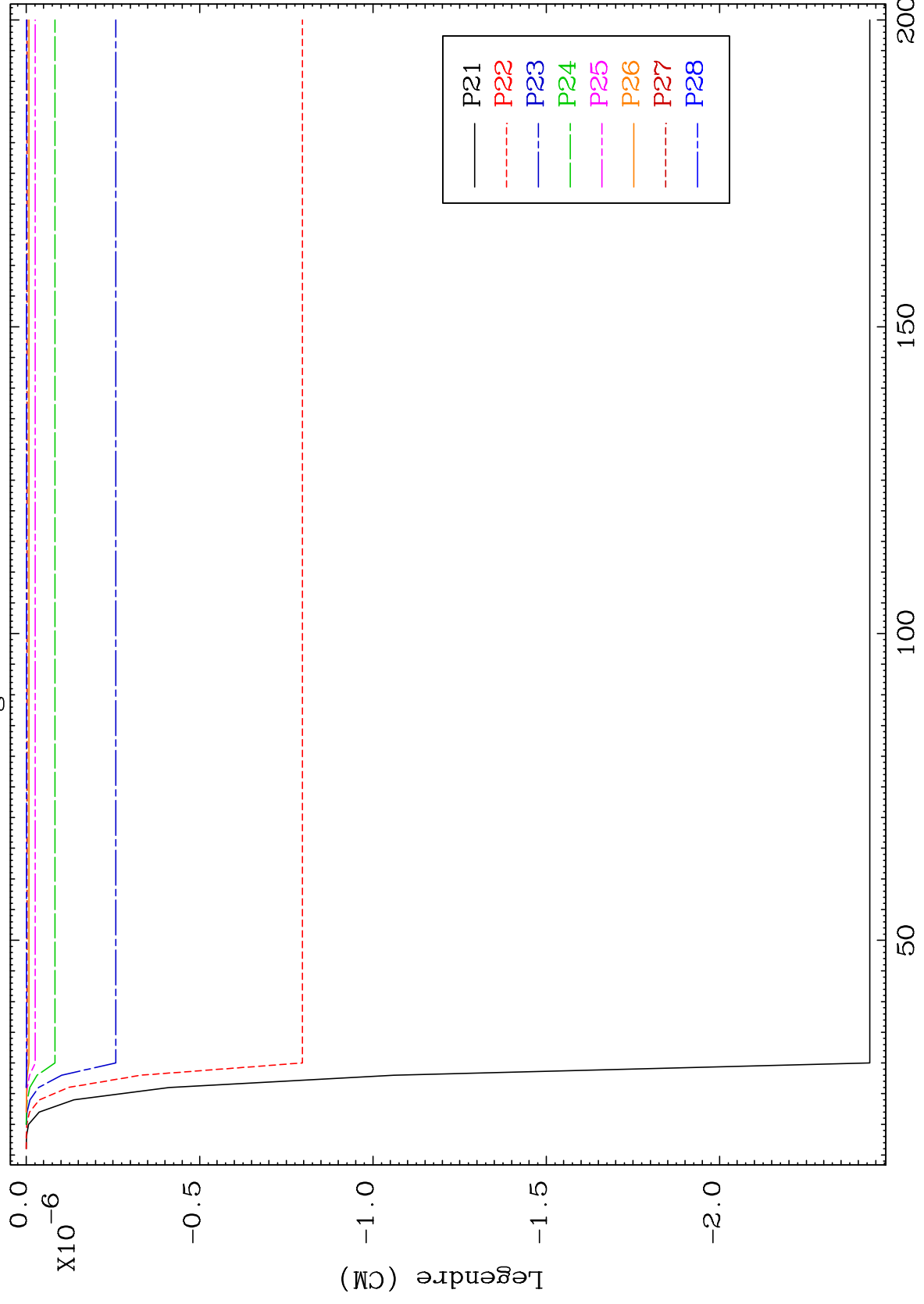


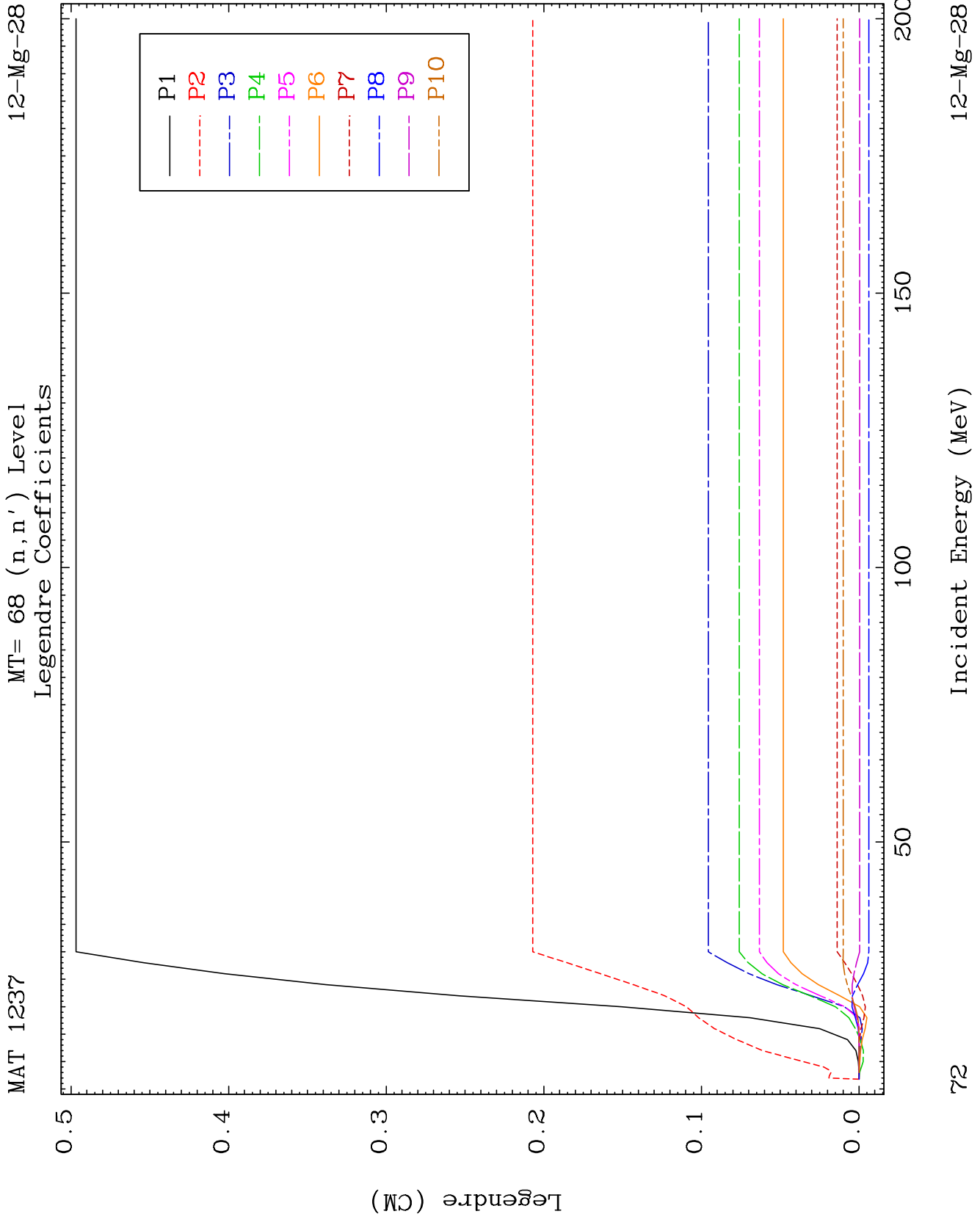
70

Incident Energy (MeV)

12-Mg-28

MAT 1237 MT= 67 (n,n') Level Legendre Coefficients 12-Mg-28

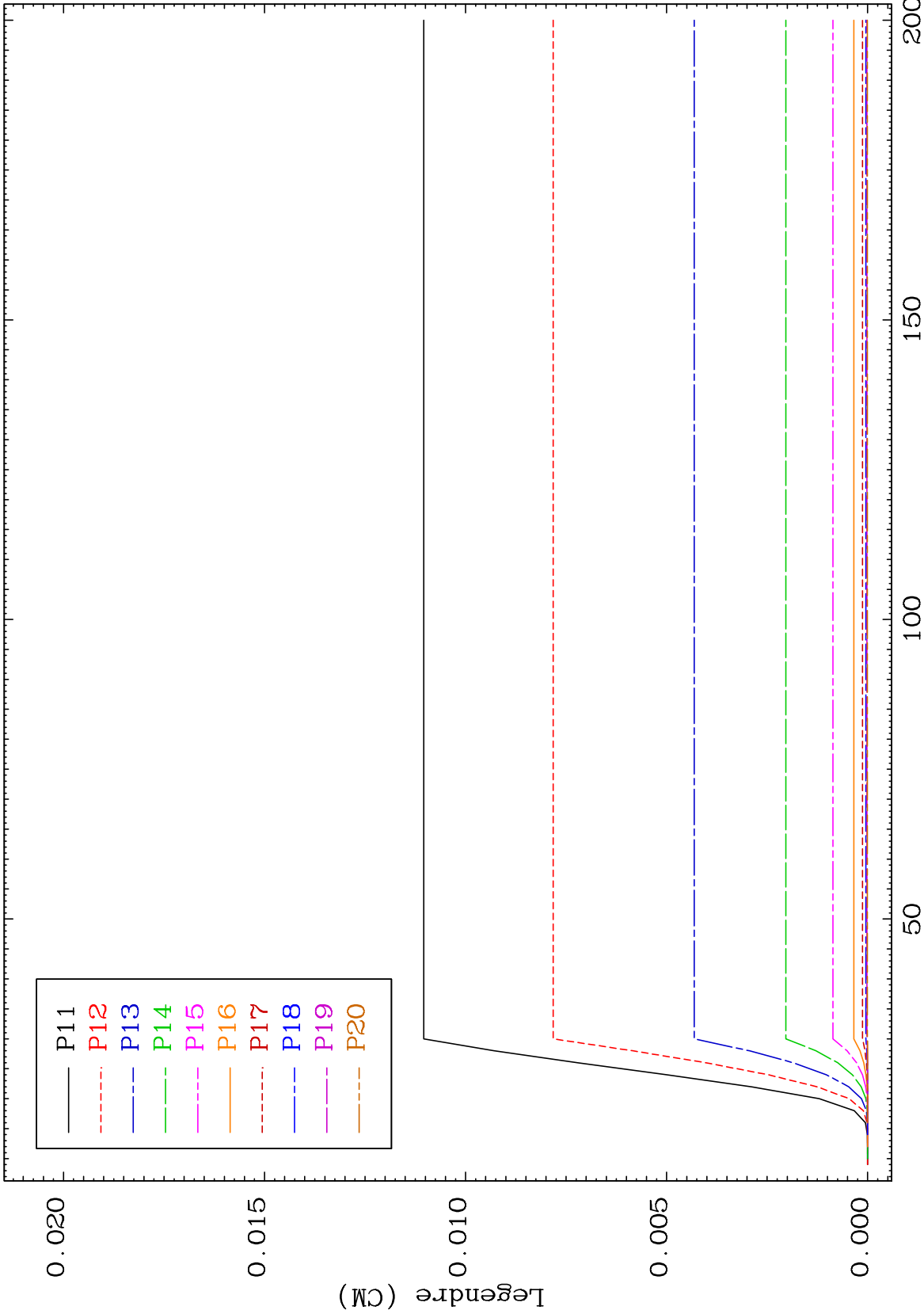




MAT 1237

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

12-Mg-28

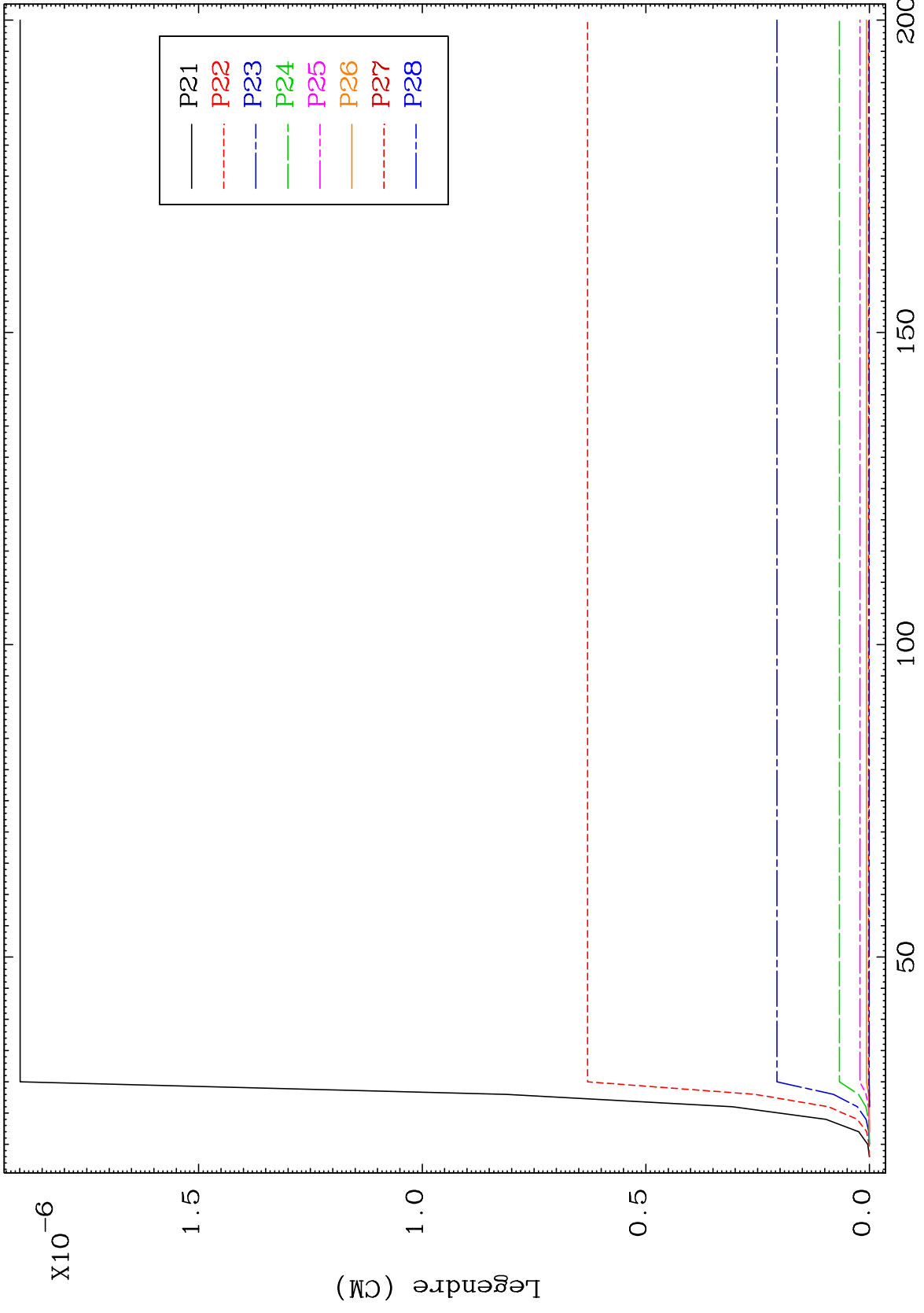


73

Incident Energy (MeV)

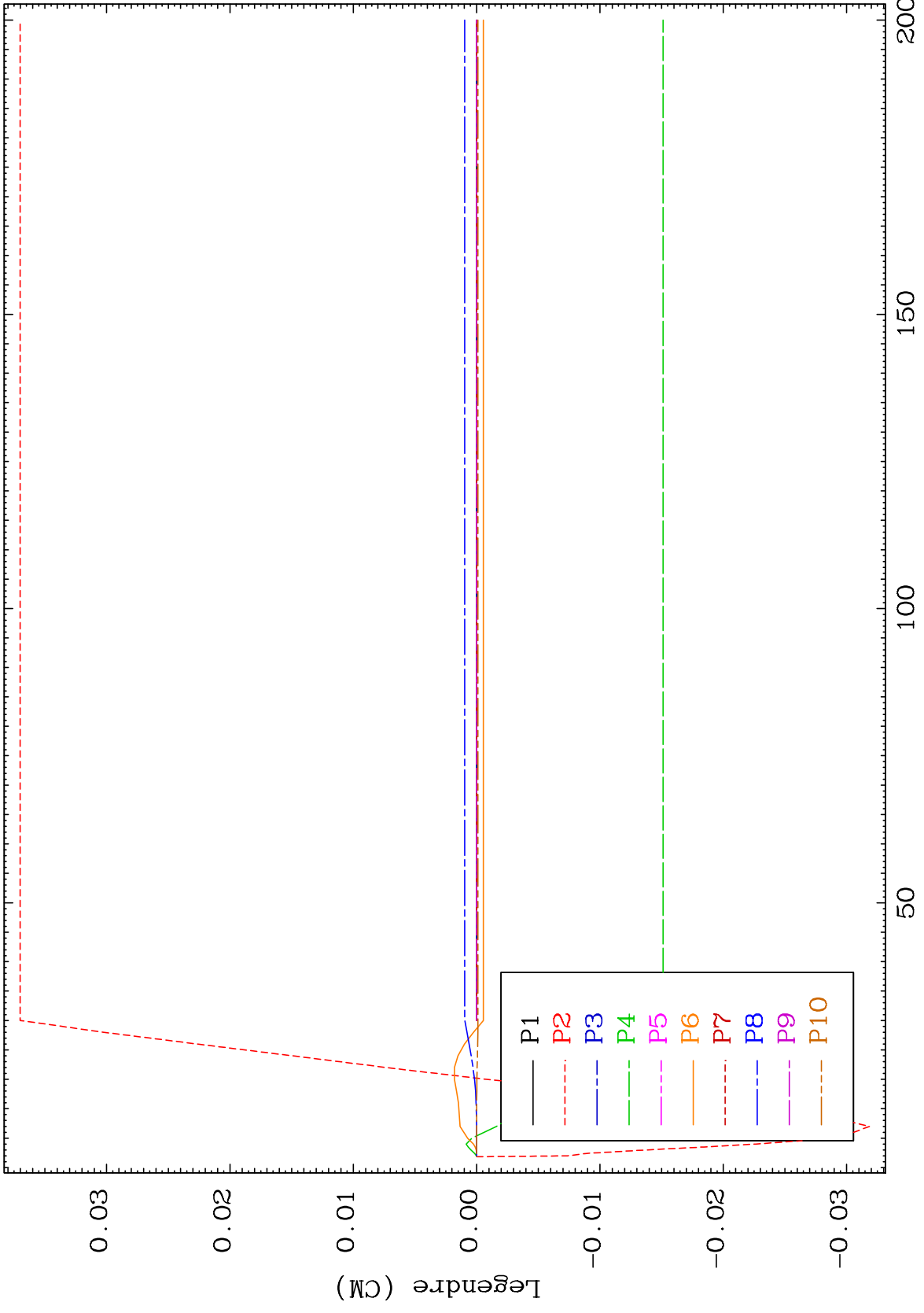
12-Mg-28

MAT 1237 MT= 68 (n,n') Level Legendre Coefficients 12-Mg-28



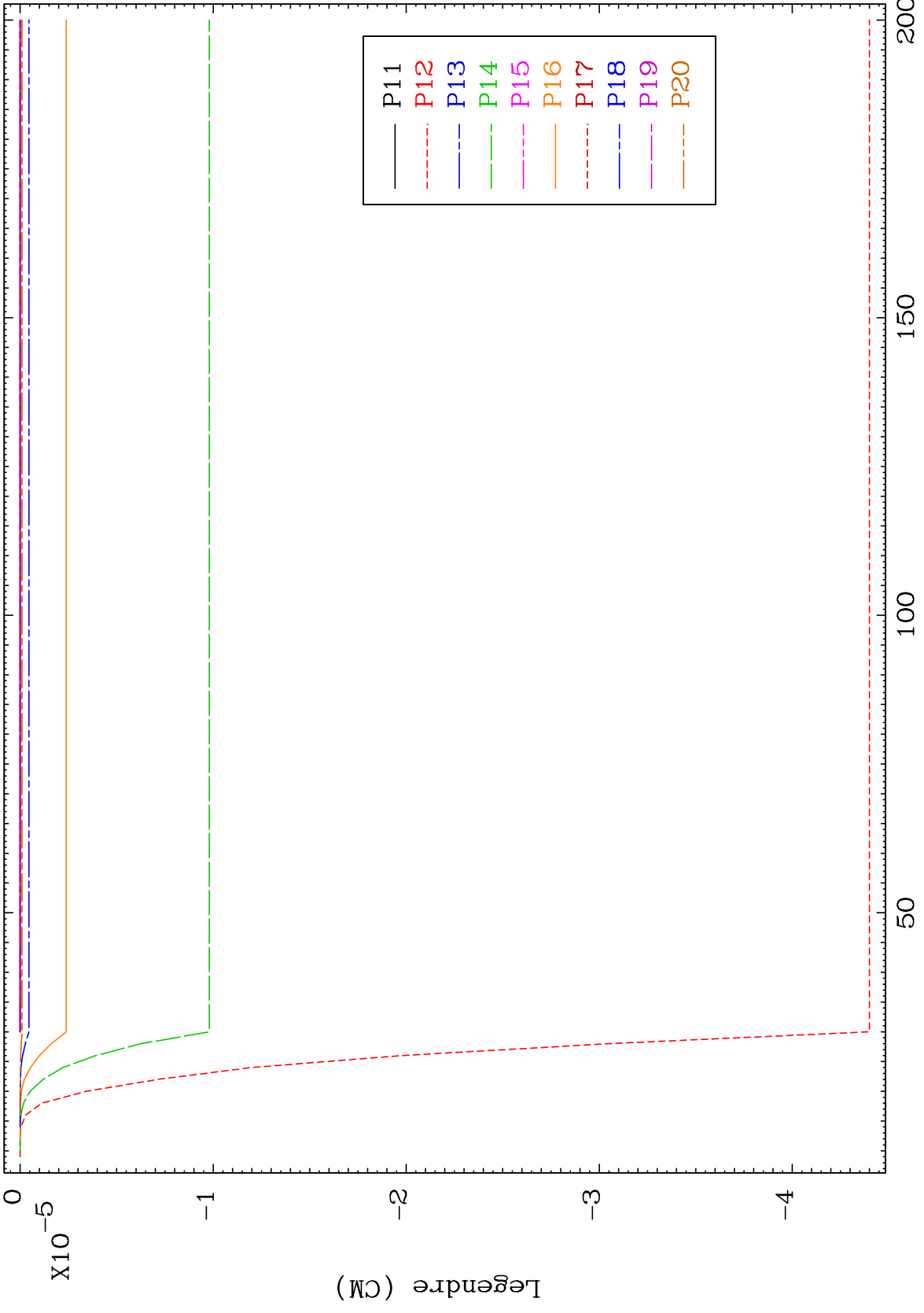
74 12-Mg-28

MAT 1237 MT= 69 (n,n') Level Legendre Coefficients 12-Mg-28



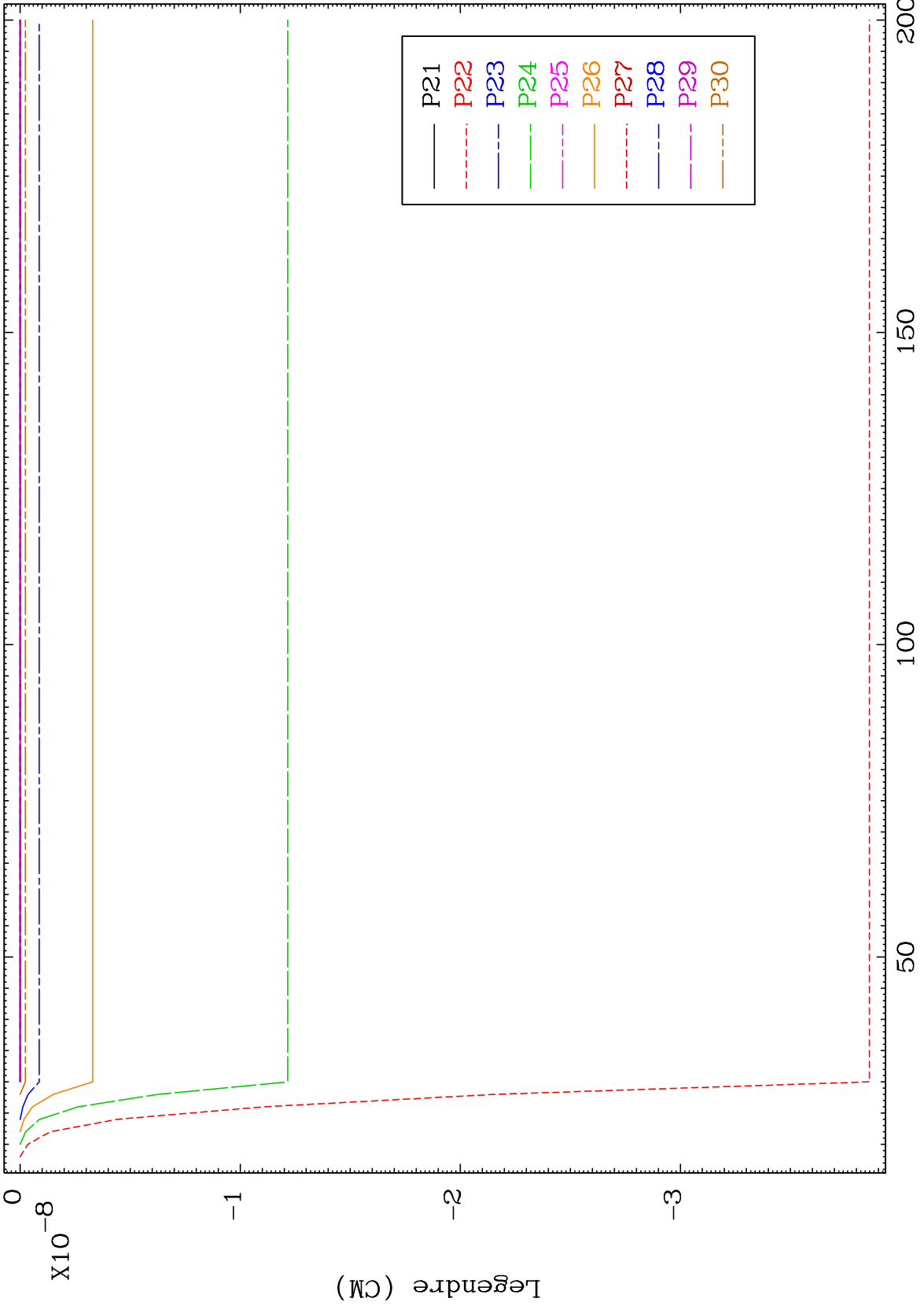
75 50 100 150 200 12-Mg-28

MAT 1237 MT= 69 (n,n') Level Legendre Coefficients 12-Mg-28



76 Incident Energy (MeV) 12-Mg-28

MAT 1237 MT= 69 (n,n') Level Legendre Coefficients 12-Mg-28

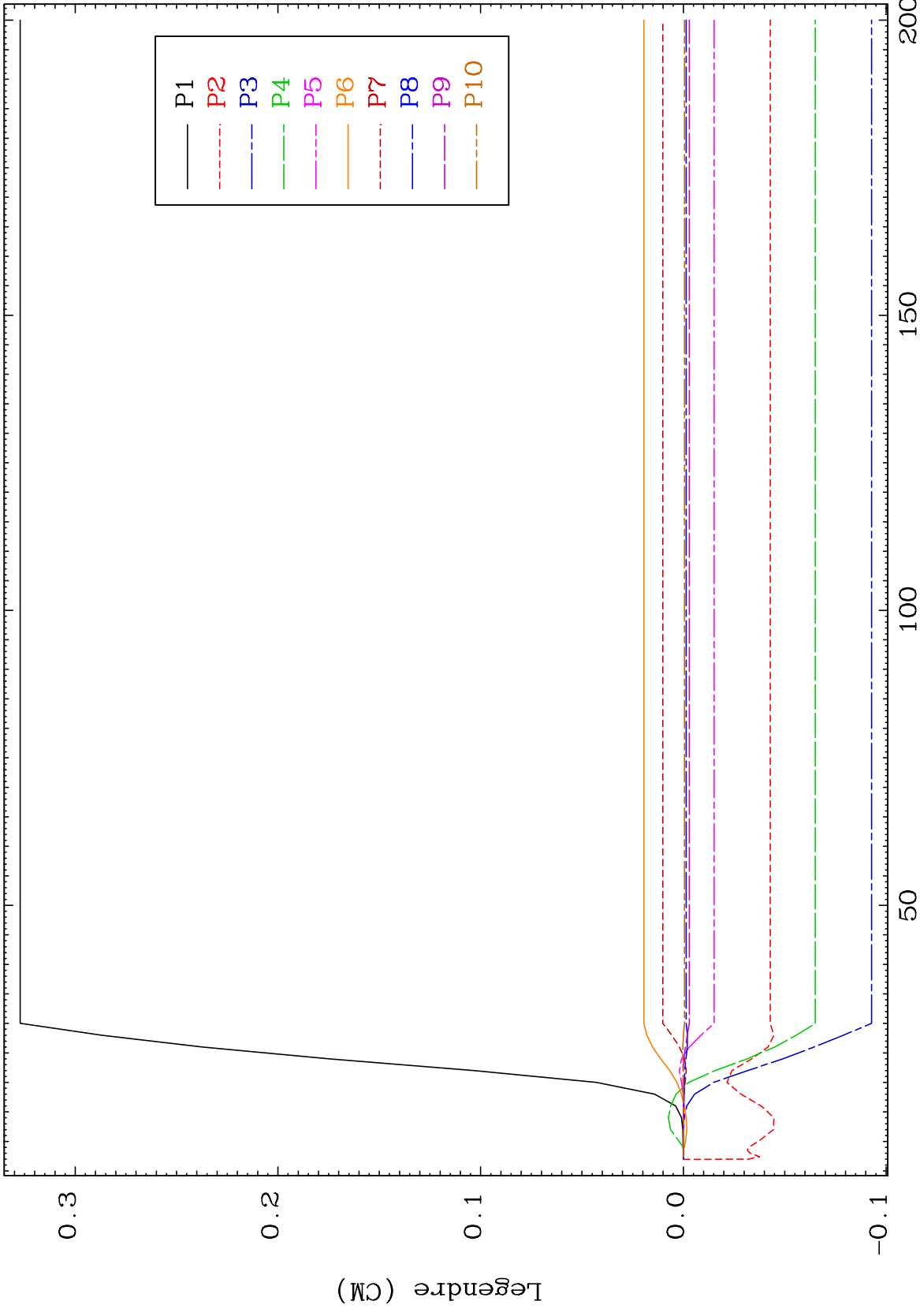


77 12-Mg-28

MAT 1237

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

12-Mg-28

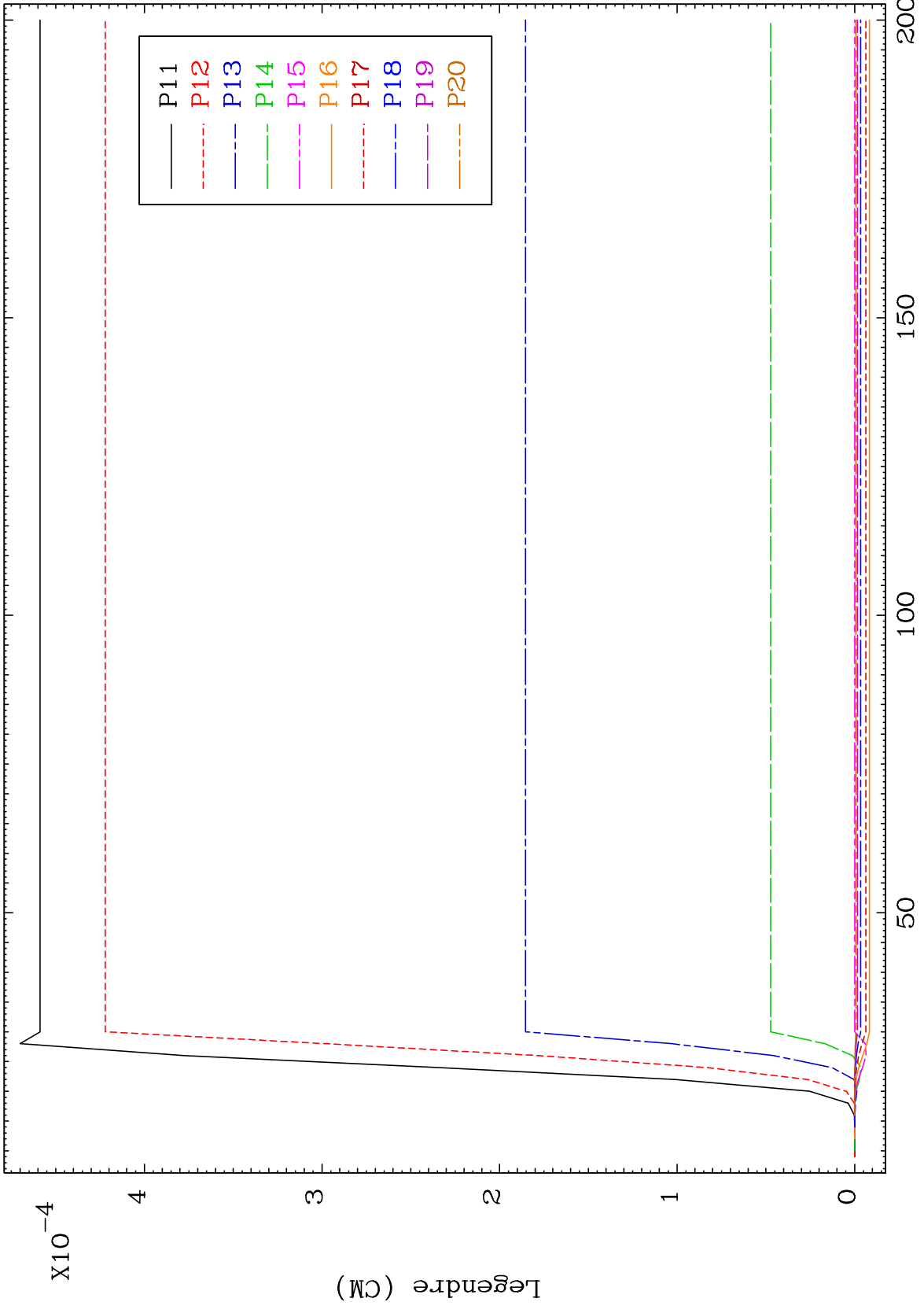


78

Incident Energy (MeV)

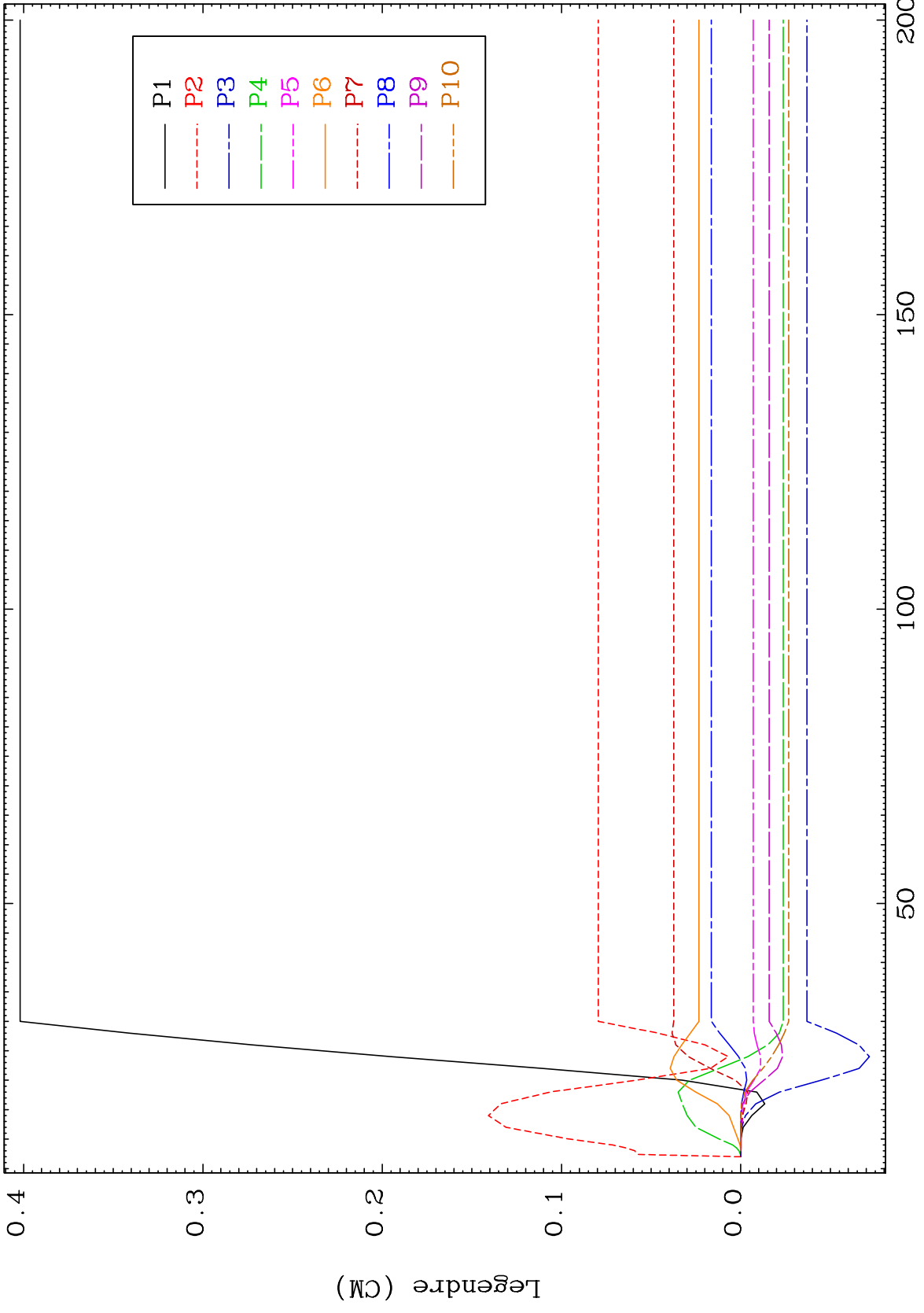
12-Mg-28

MAT 1237 MT= 70 (n,n') Level Legendre Coefficients 12-Mg-28

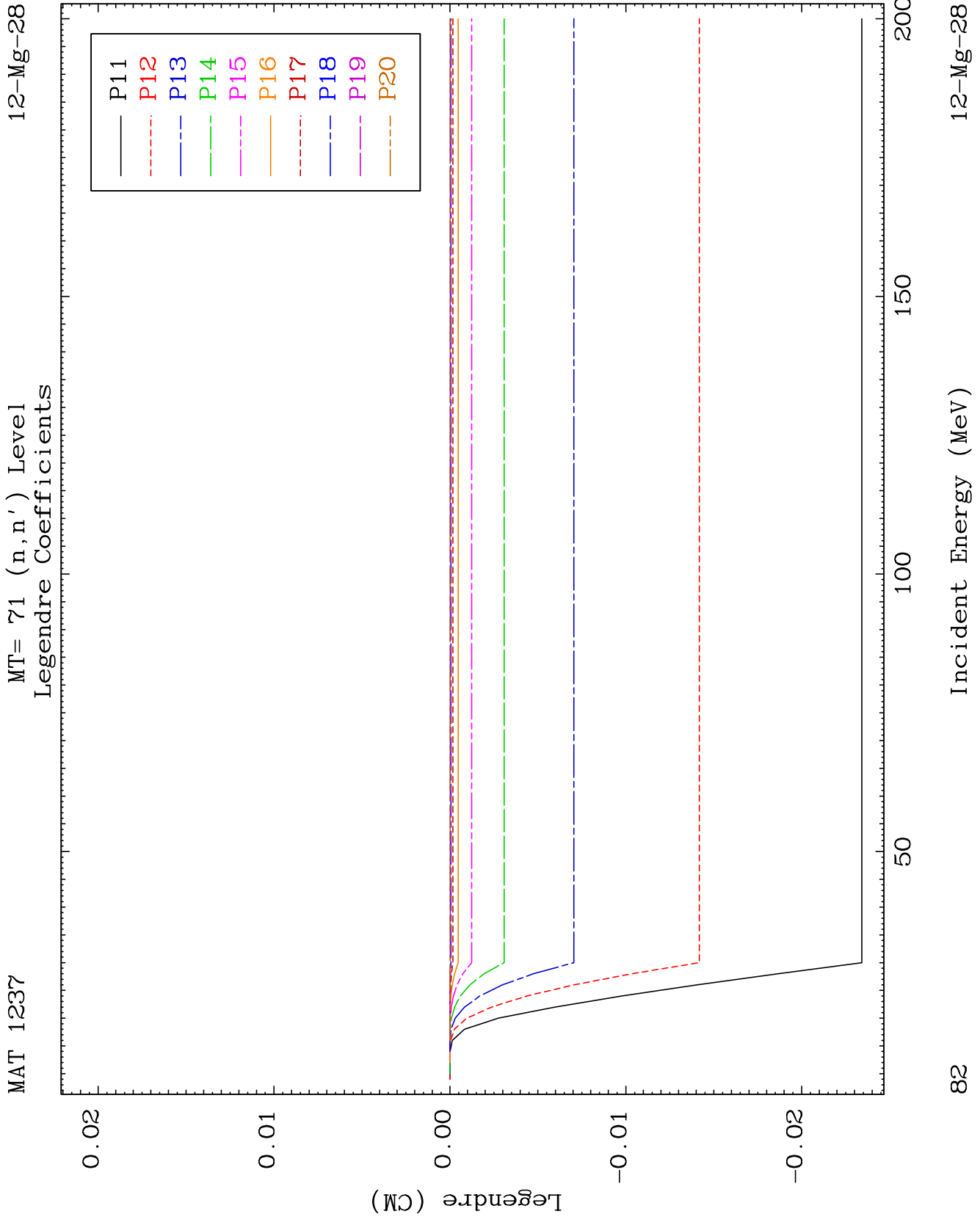


79 12-Mg-28

MAT 1237 MT= 71 (n,n') Level Legendre Coefficients 12-Mg-28

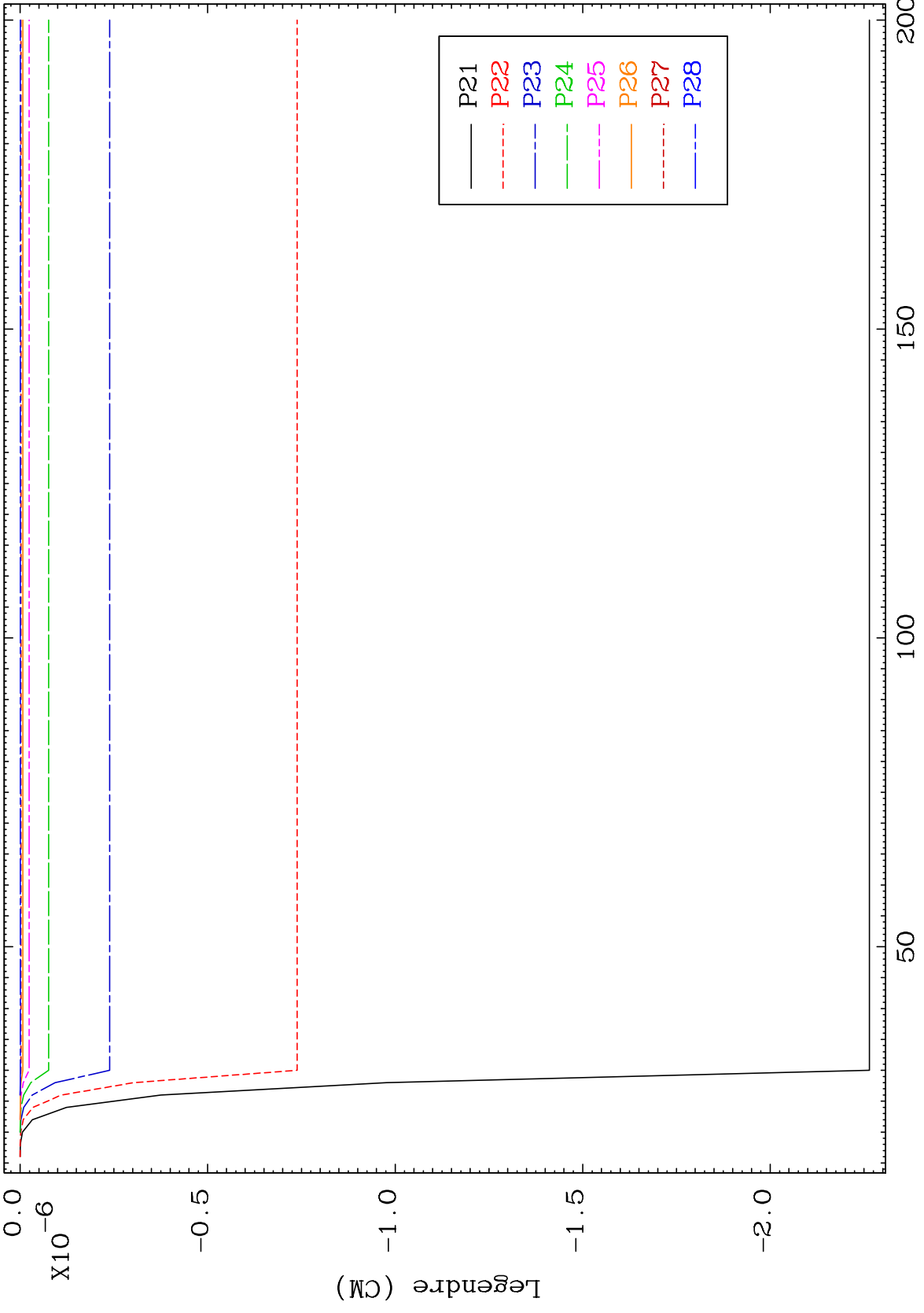


81 12-Mg-28



MAT 1237 MT= 71 (n,n') Level 12-Mg-28

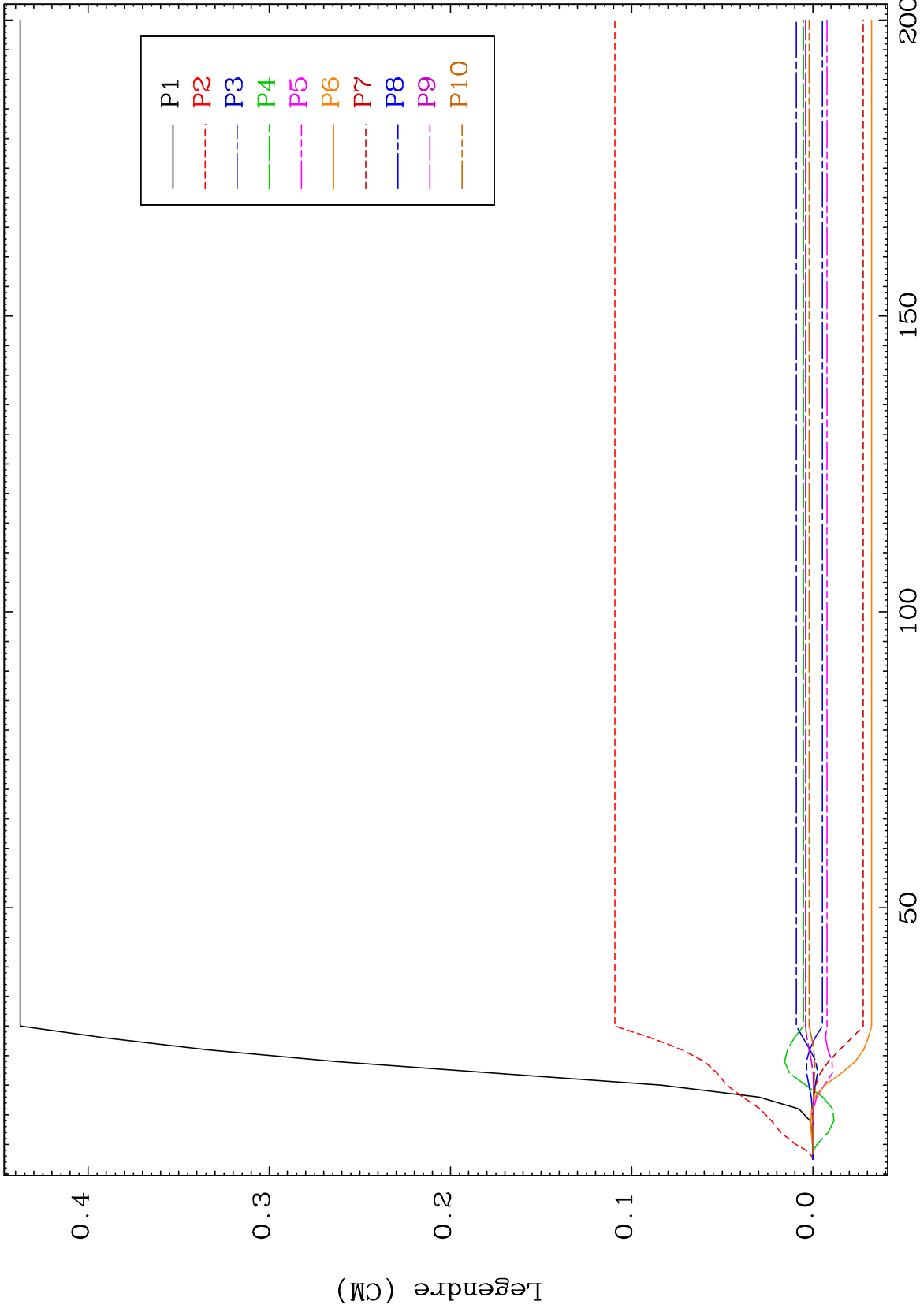
Legendre Coefficients



MAT 1237

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

12-Mg-28



84

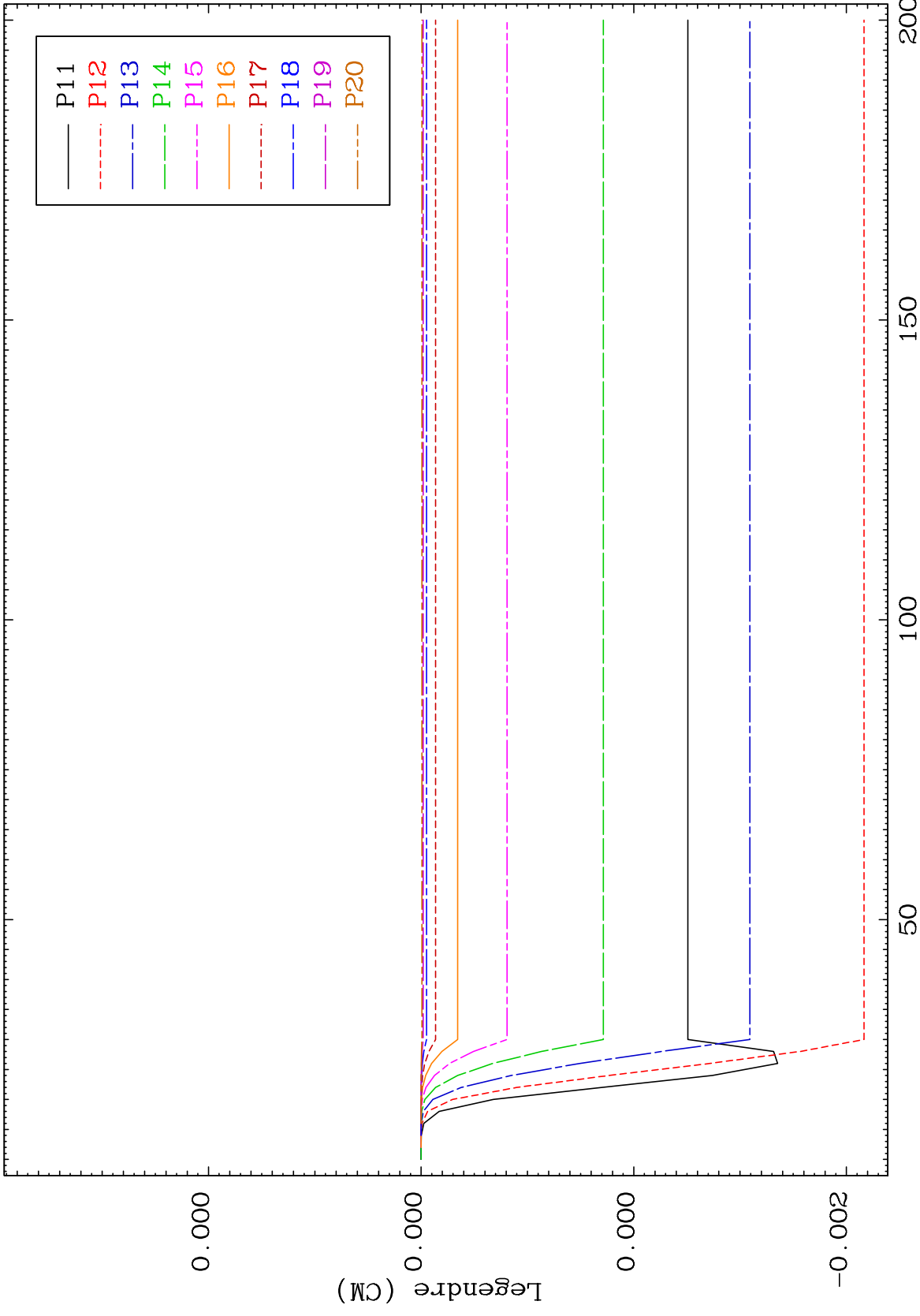
Incident Energy (MeV)

12-Mg-28

MAT 1237

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

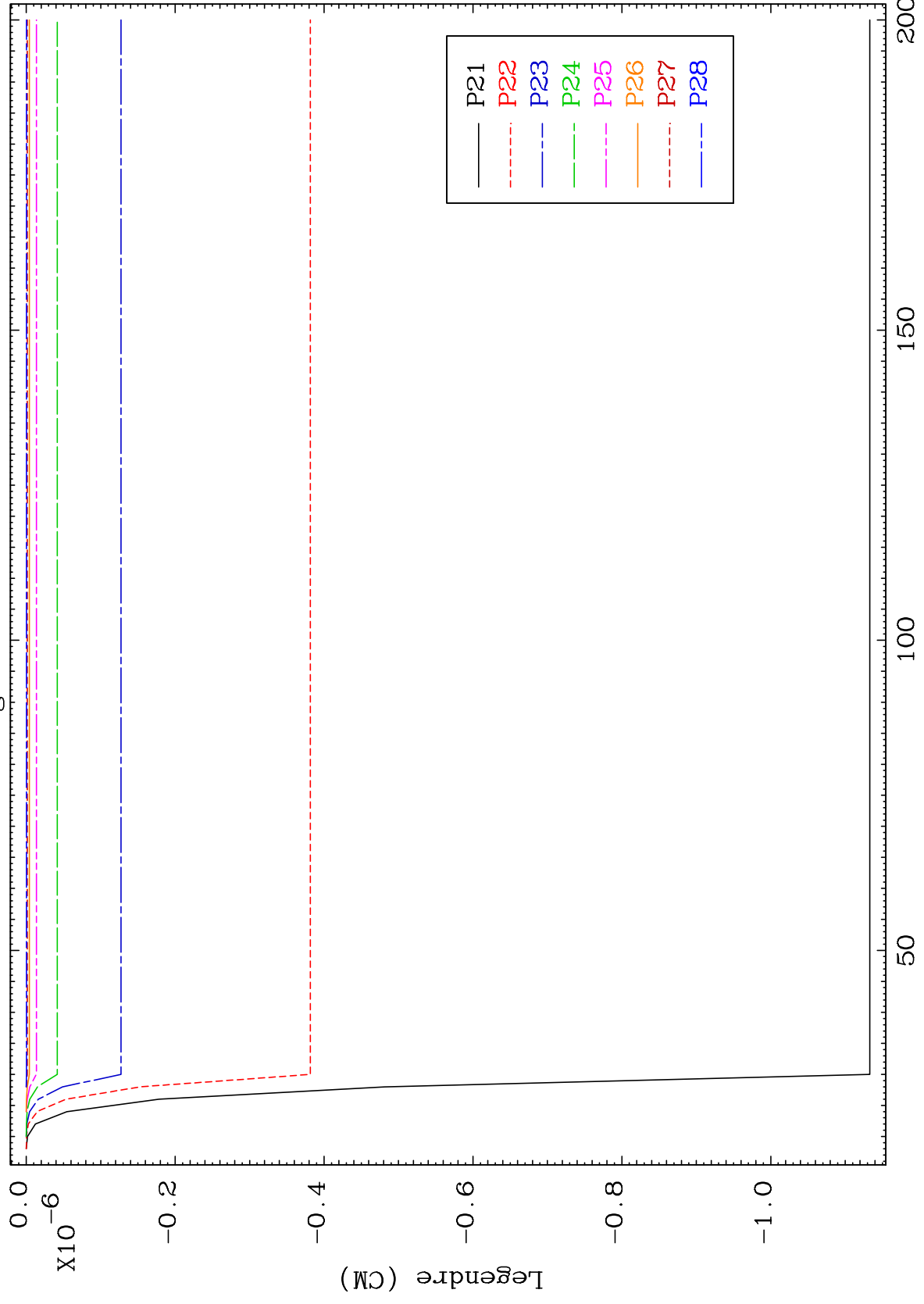
12-Mg-28



85

12-Mg-28

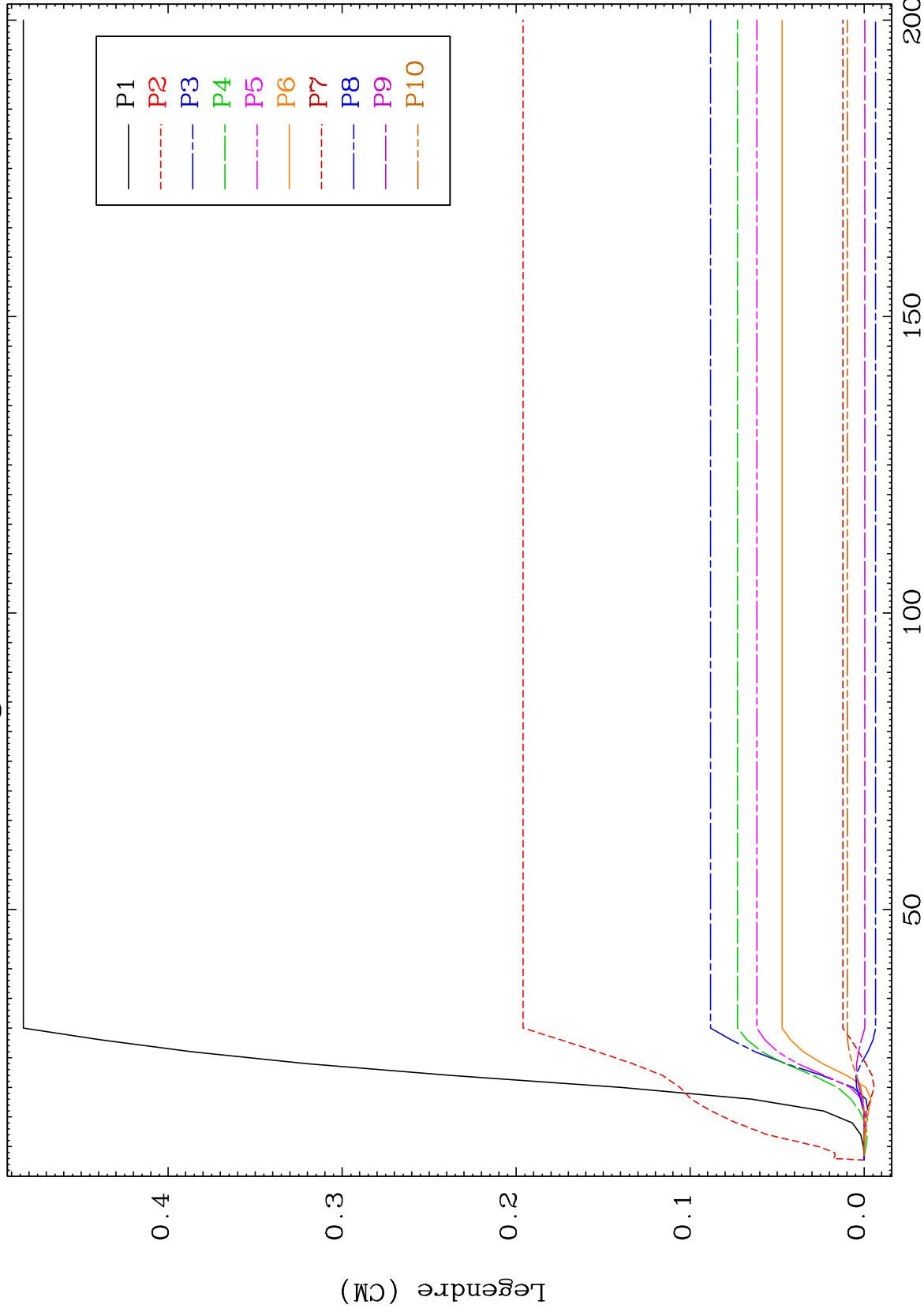
MAT 1237 MT= 72 (n,n') Level Legendre Coefficients 12-Mg-28



MAT 1237

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

12-Mg-28

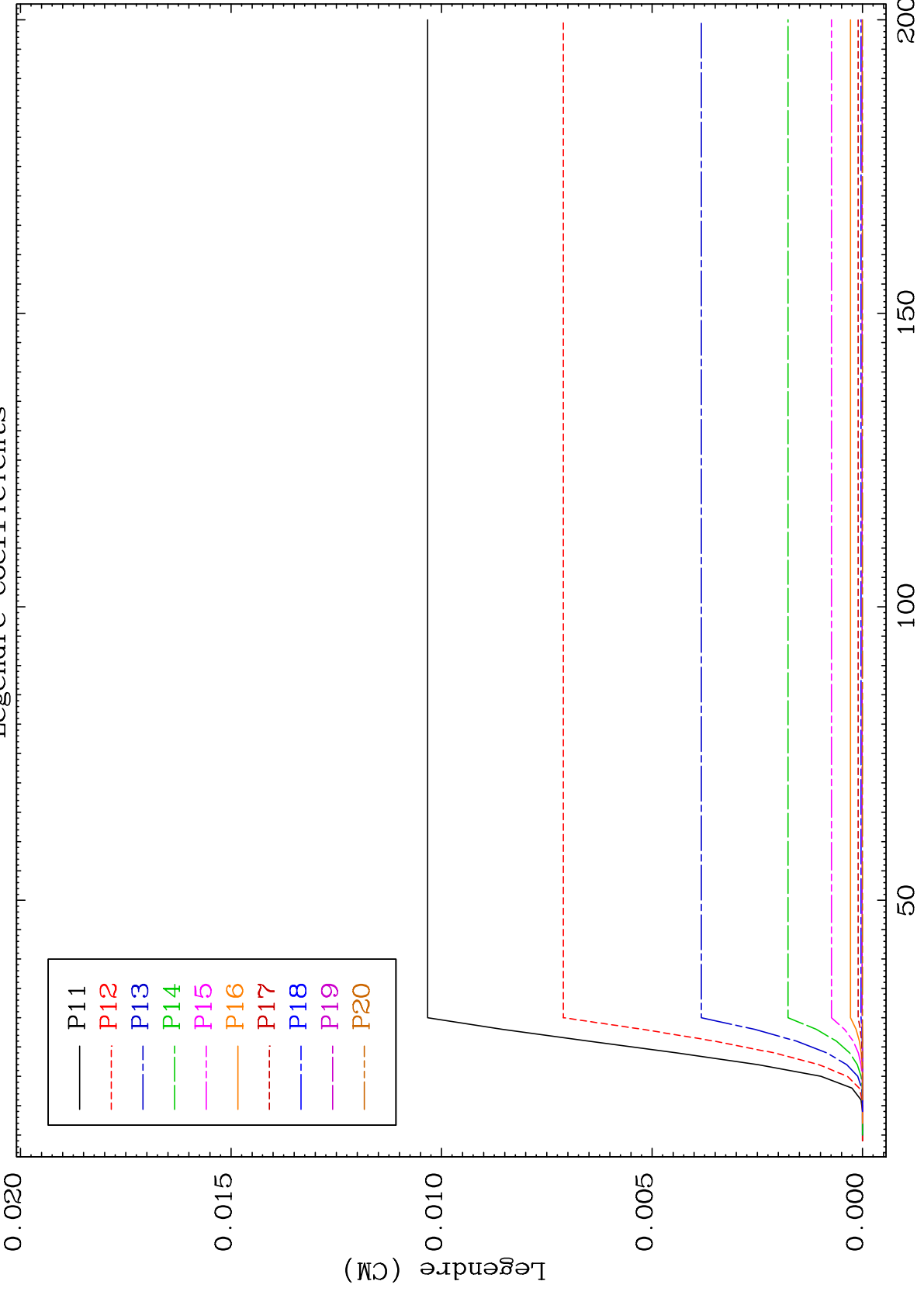


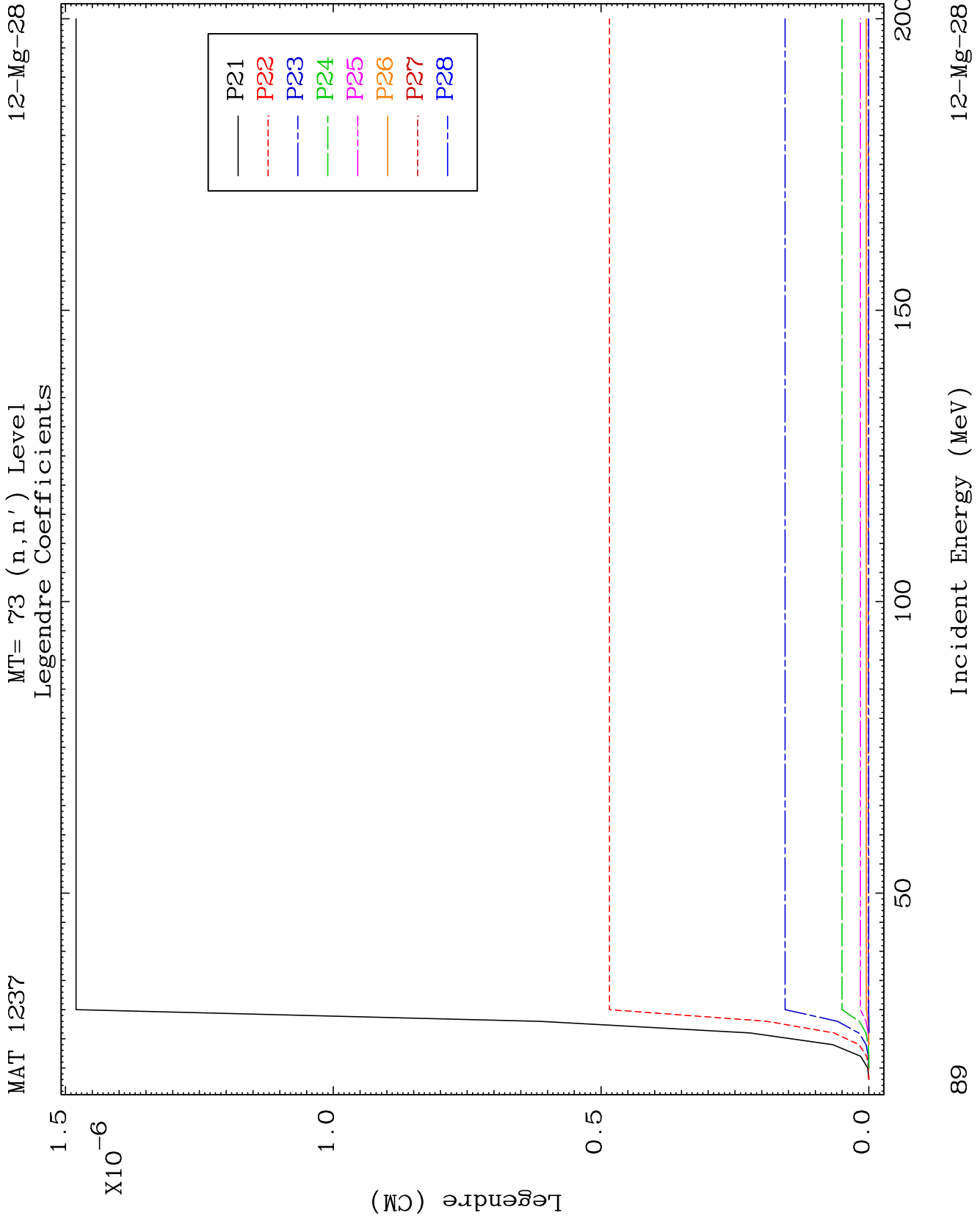
87

Incident Energy (MeV)

12-Mg-28

MAT 1237 MT= 73 (n,n') Level Legendre Coefficients 12-Mg-28

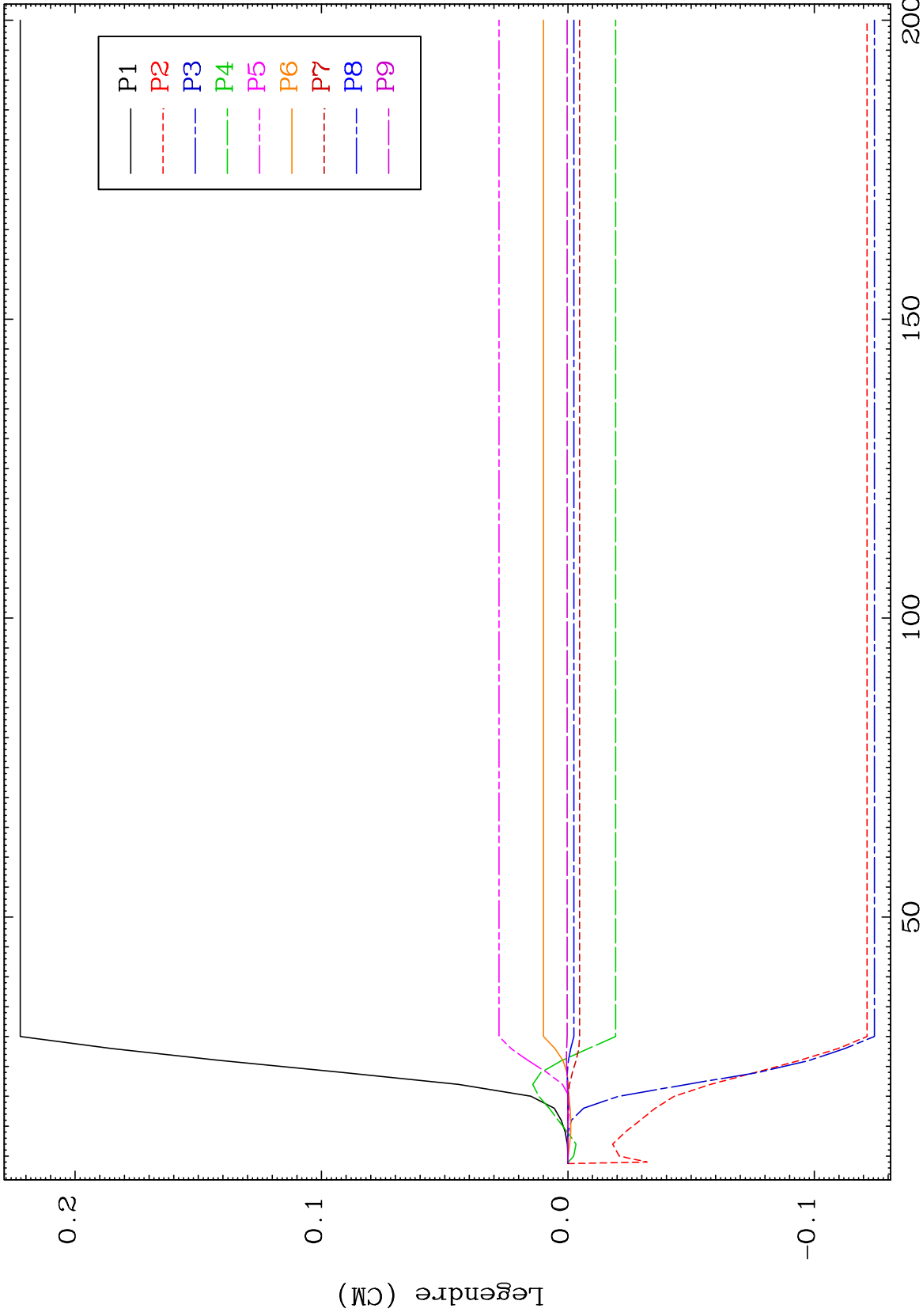




MAT 1237

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

12-Mg-28



90

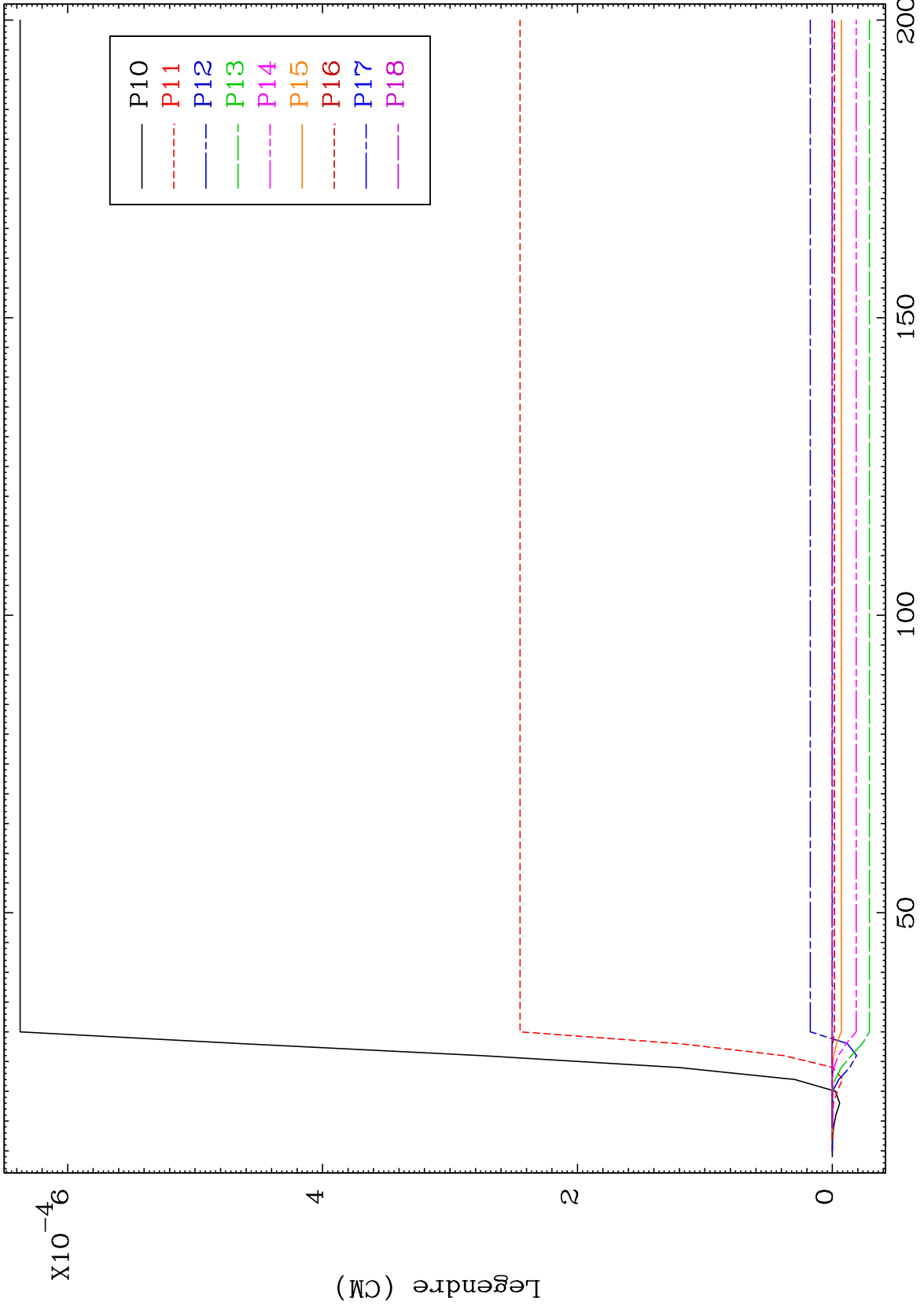
Incident Energy (MeV)

12-Mg-28

MAT 1237

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

12-Mg-28



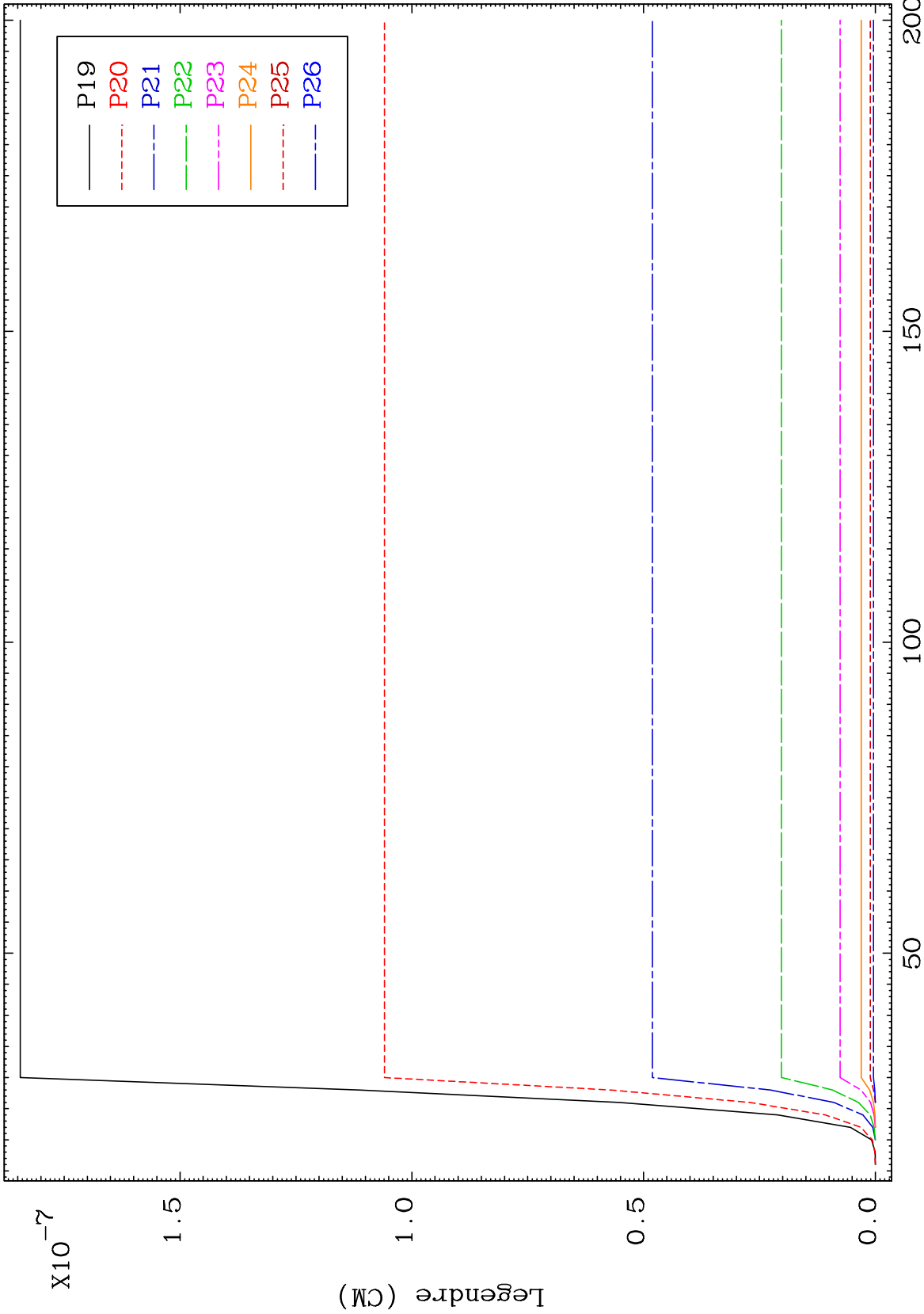
91

12-Mg-28

MAT 1237

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

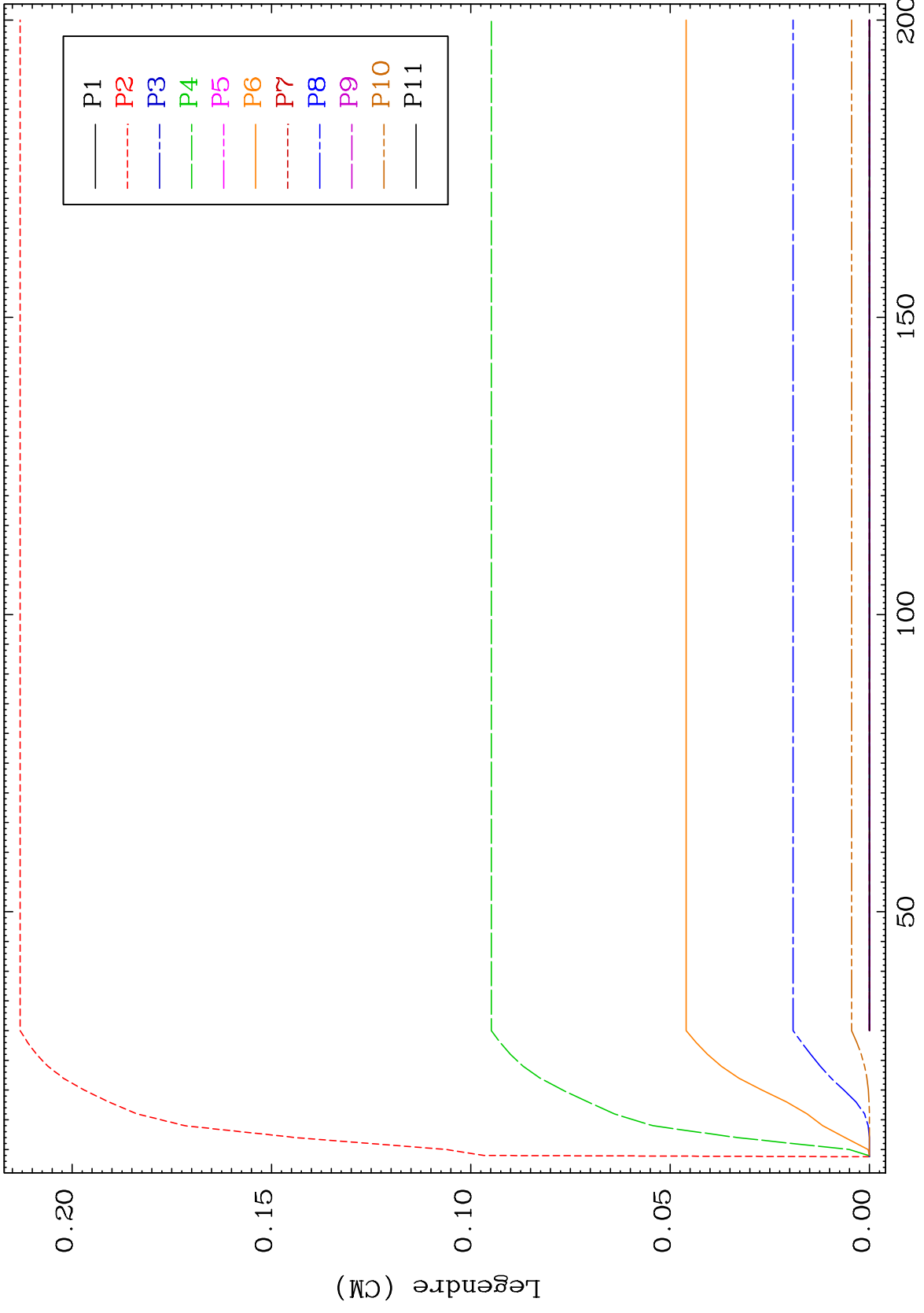
12-Mg-28



92

12-Mg-28

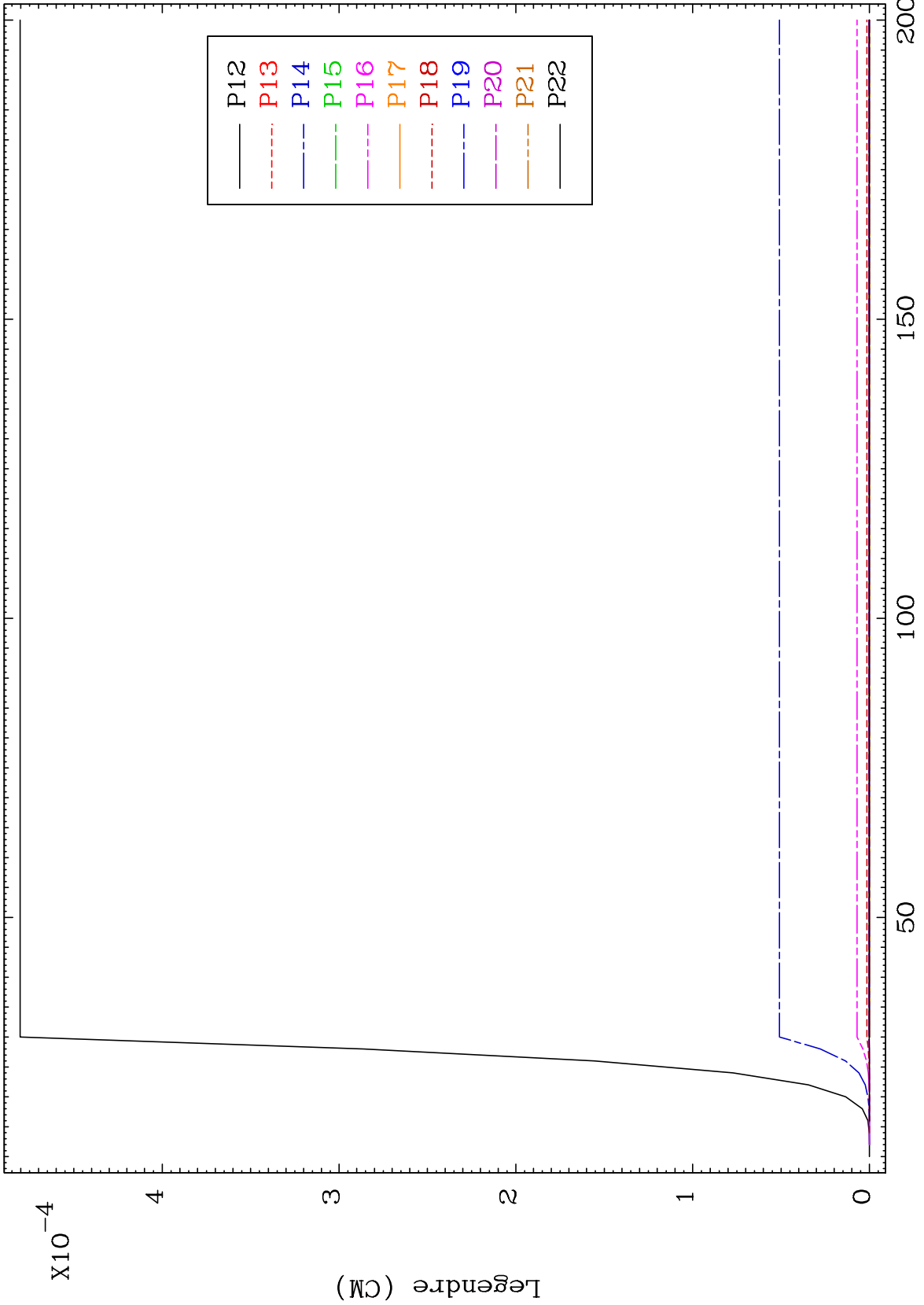
MAT 1237 MT= 75 (n,n') Level Legendre Coefficients 12-Mg-28



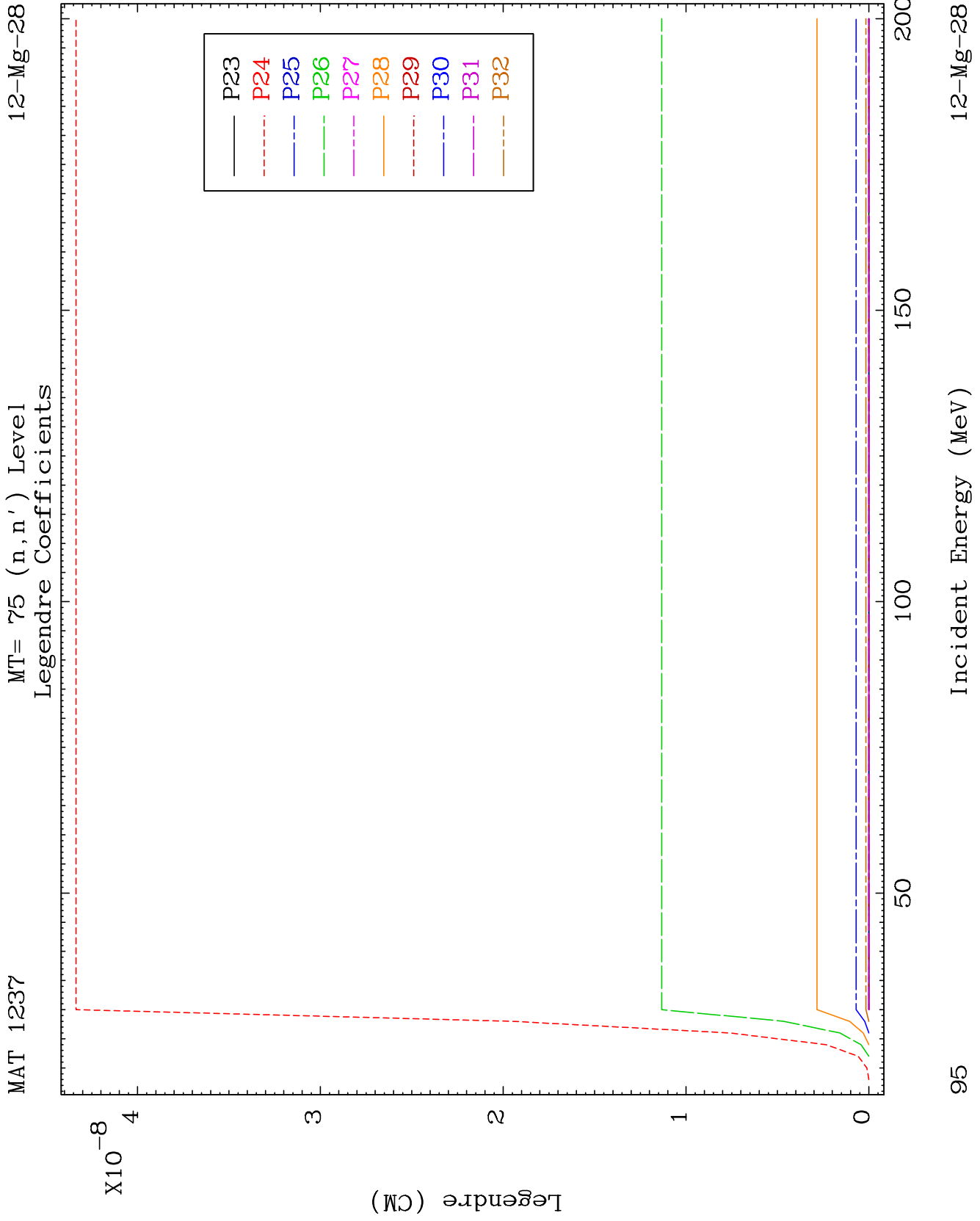
MAT 1237

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

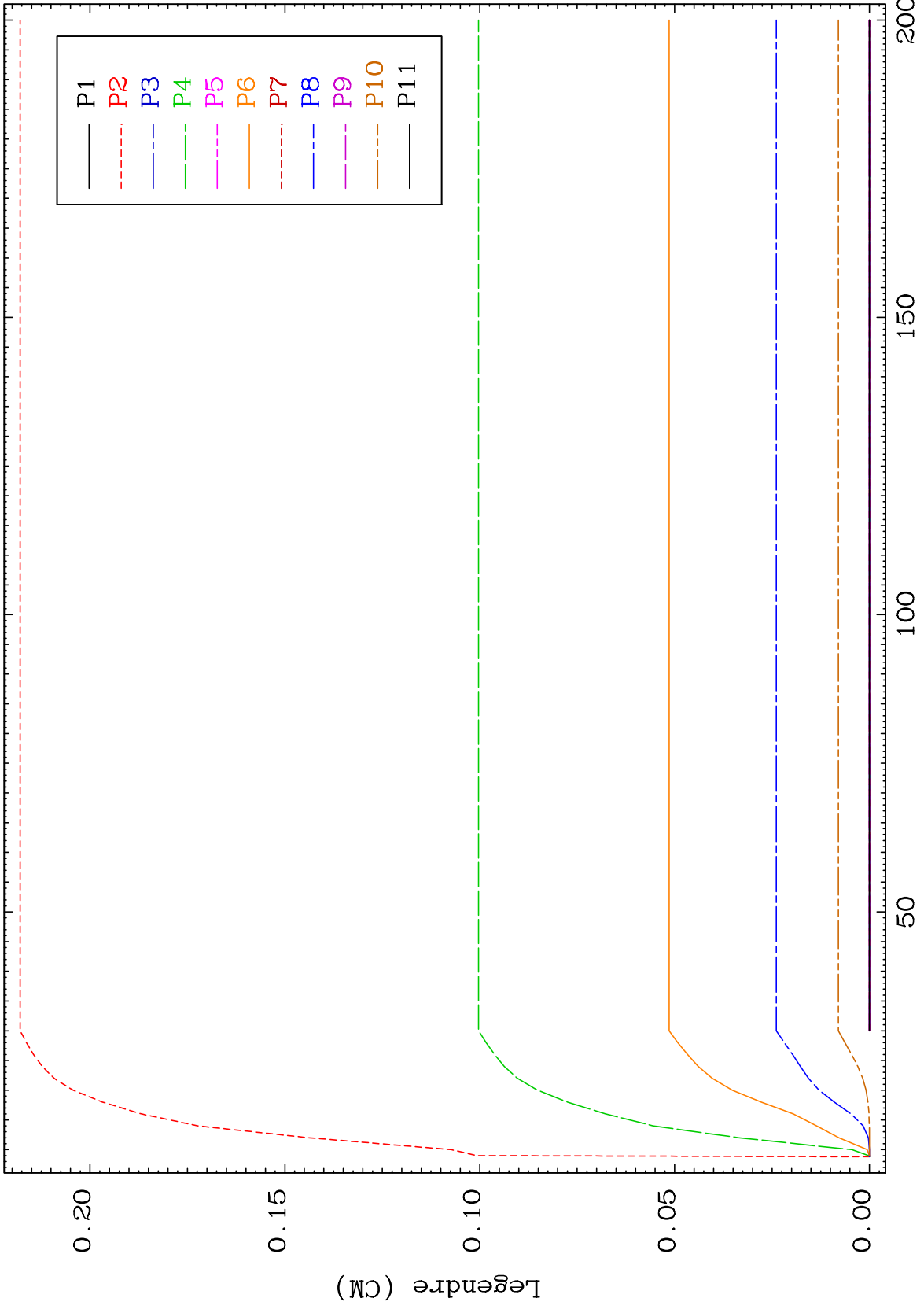
12-Mg-28



94



MAT 1237 MT= 76 (n,n') Level Legendre Coefficients 12-Mg-28

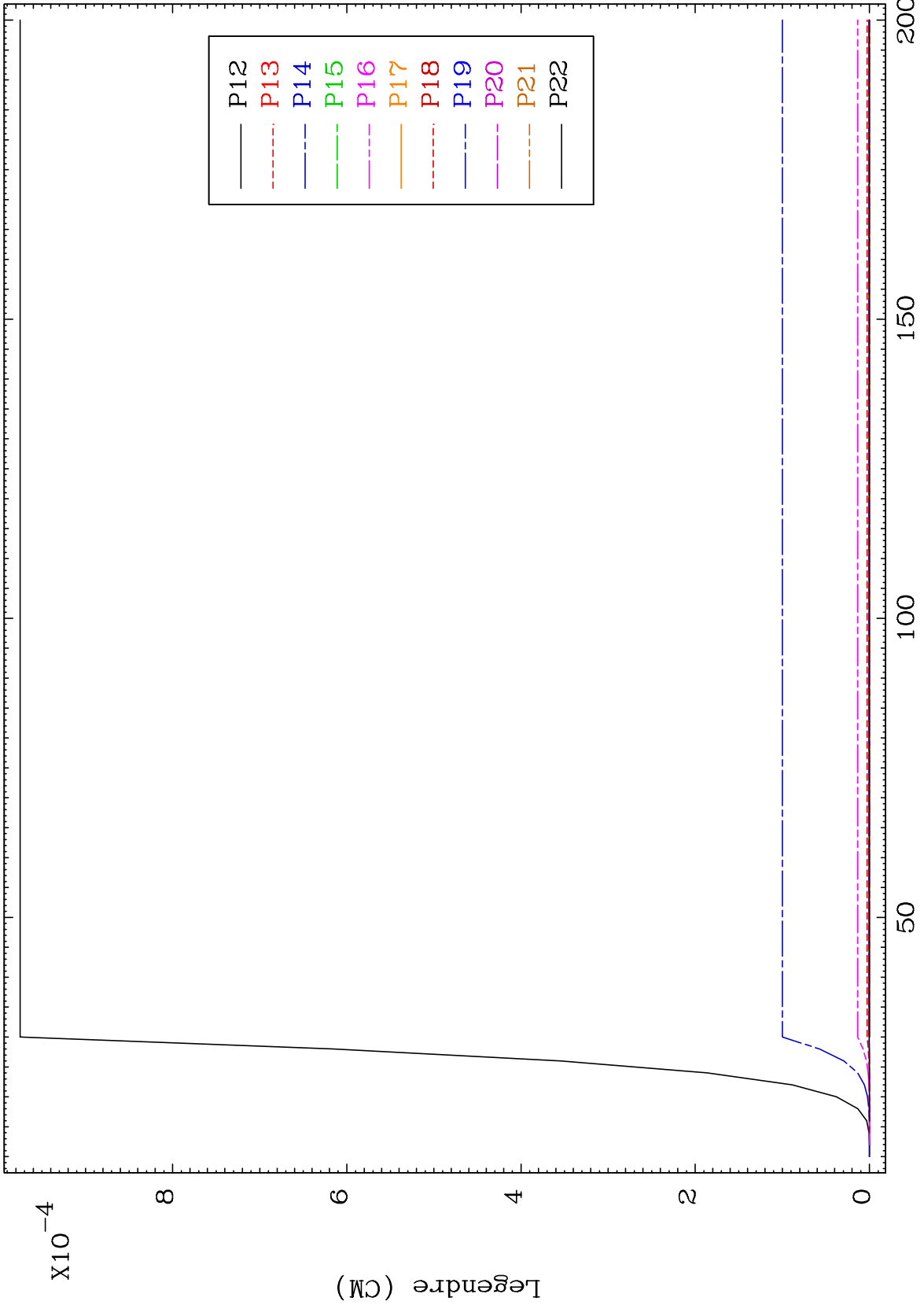


96 12-Mg-28

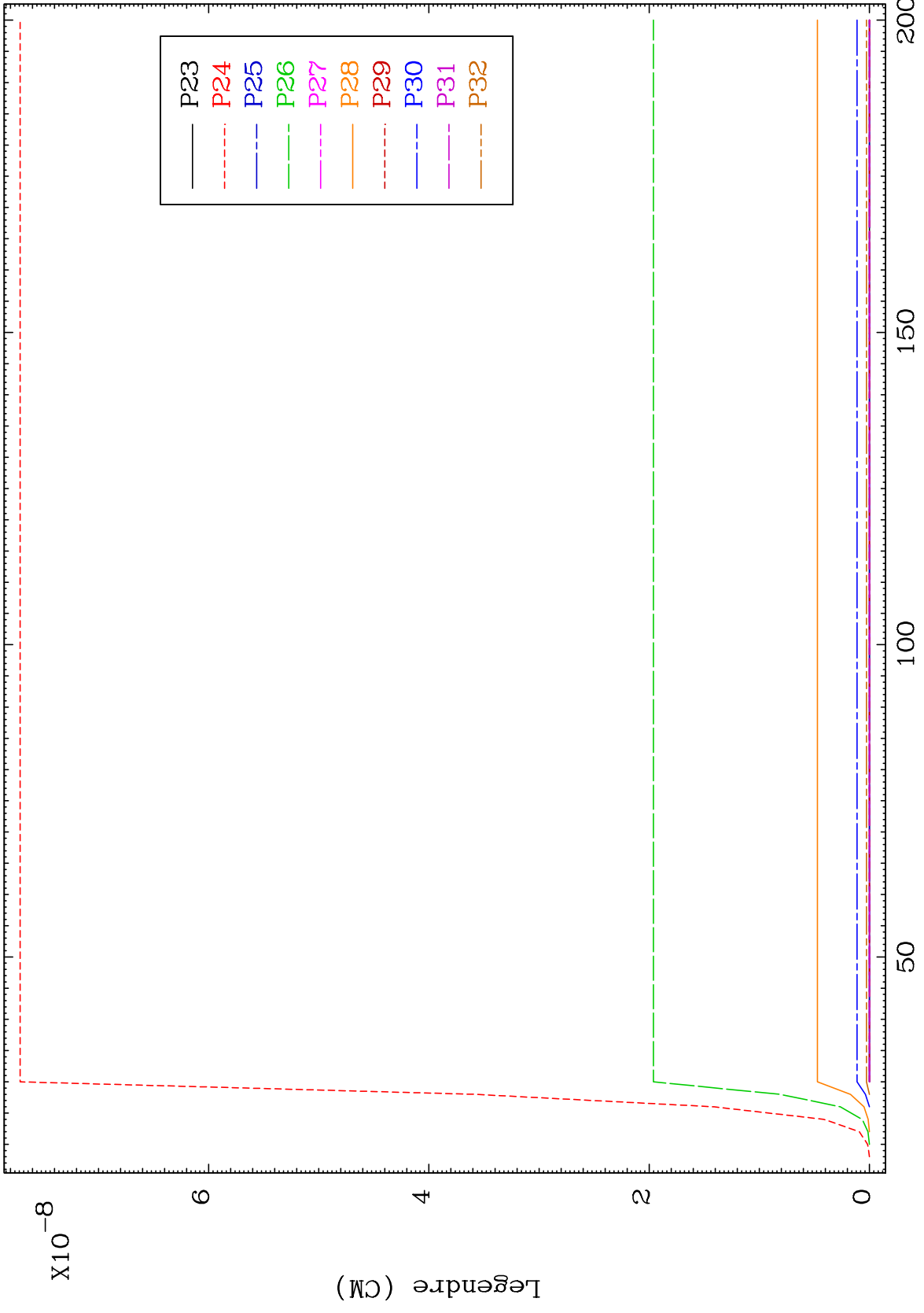
MAT 1237

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

12-Mg-28



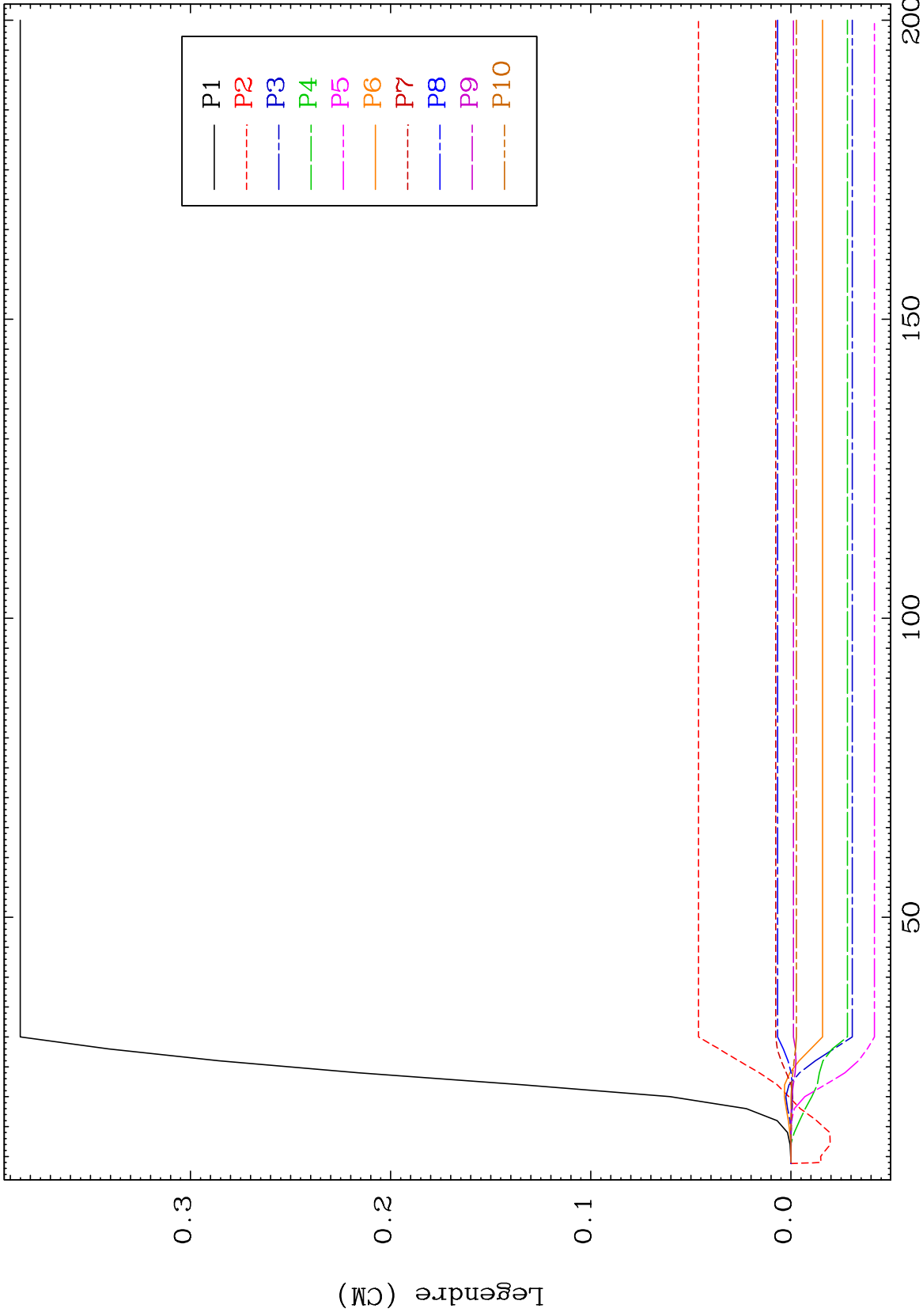
MAT 1237 MT= 76 (n,n') Level Legendre Coefficients 12-Mg-28



MAT 1237

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

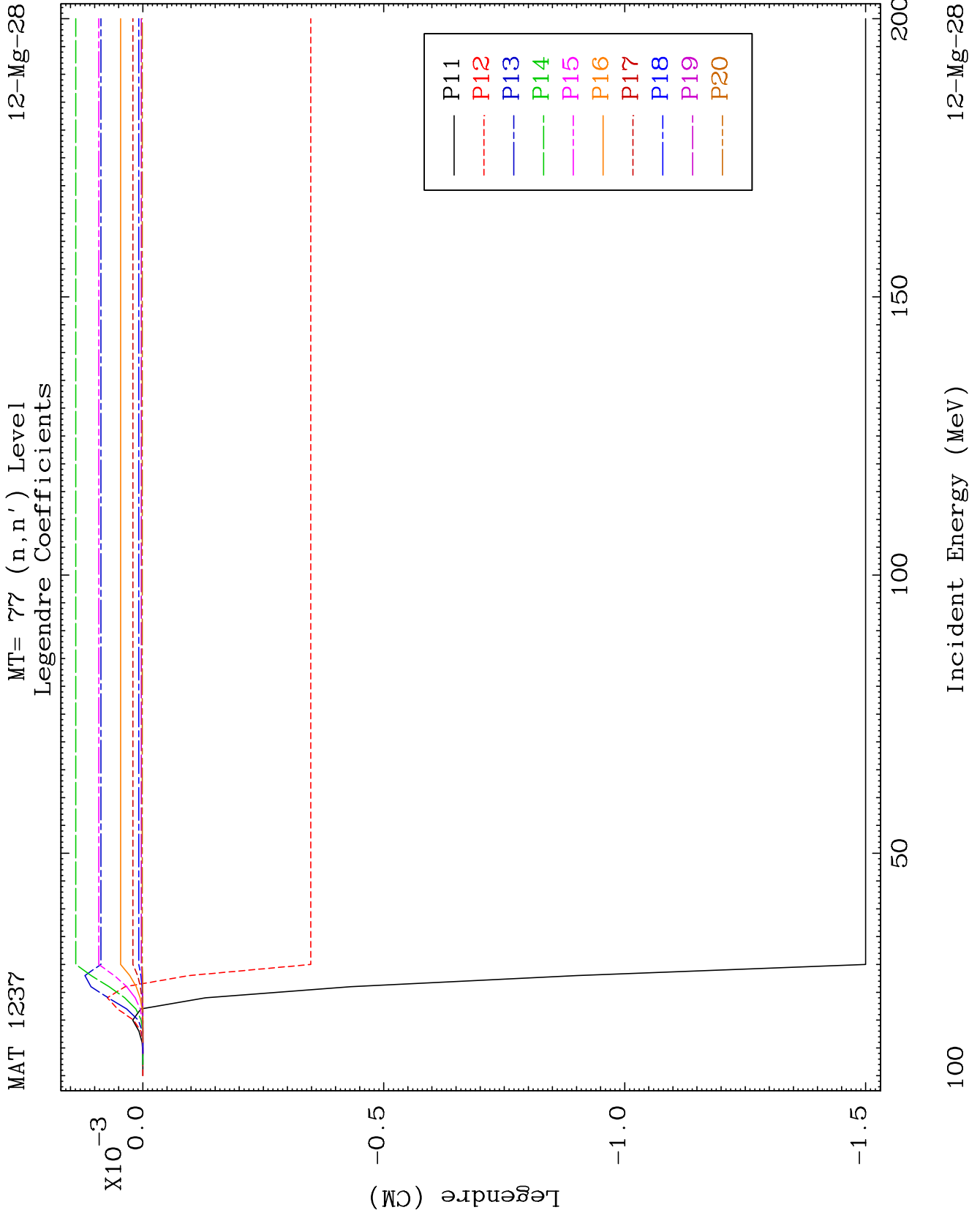
12-Mg-28



99

Incident Energy (MeV)

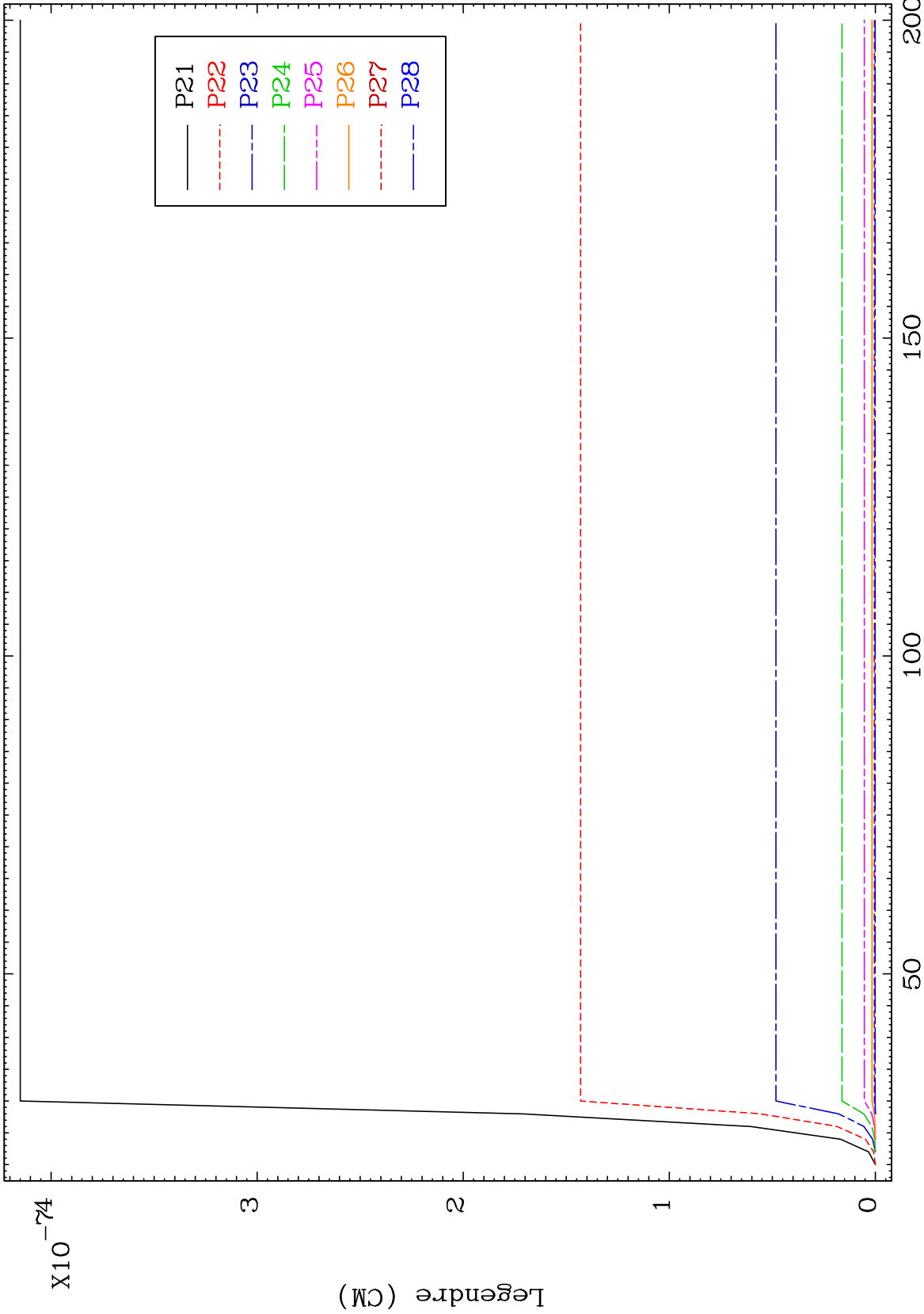
12-Mg-28



MAT 1237

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

12-Mg-28



101

Incident Energy (MeV)

12-Mg-28

