

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

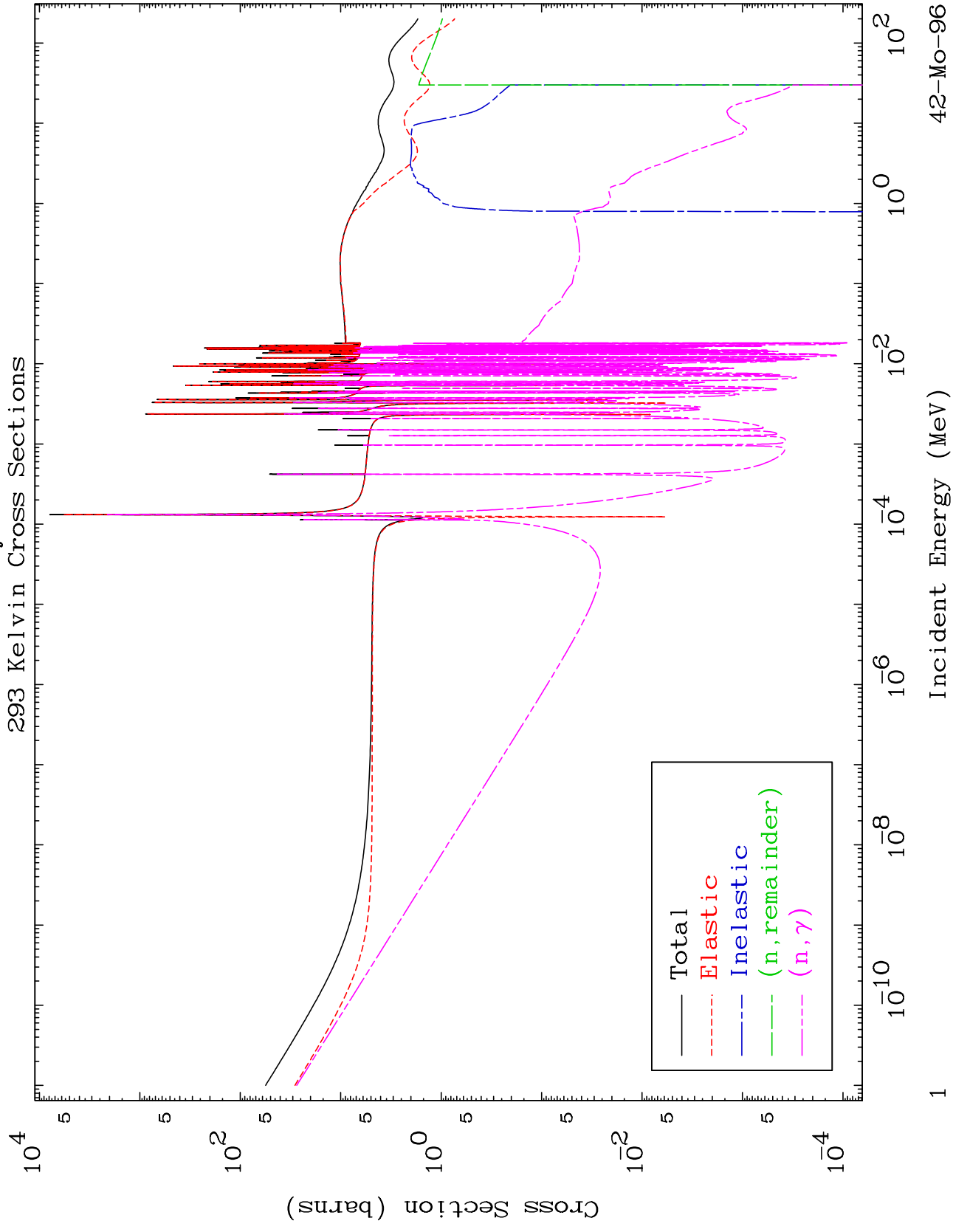
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

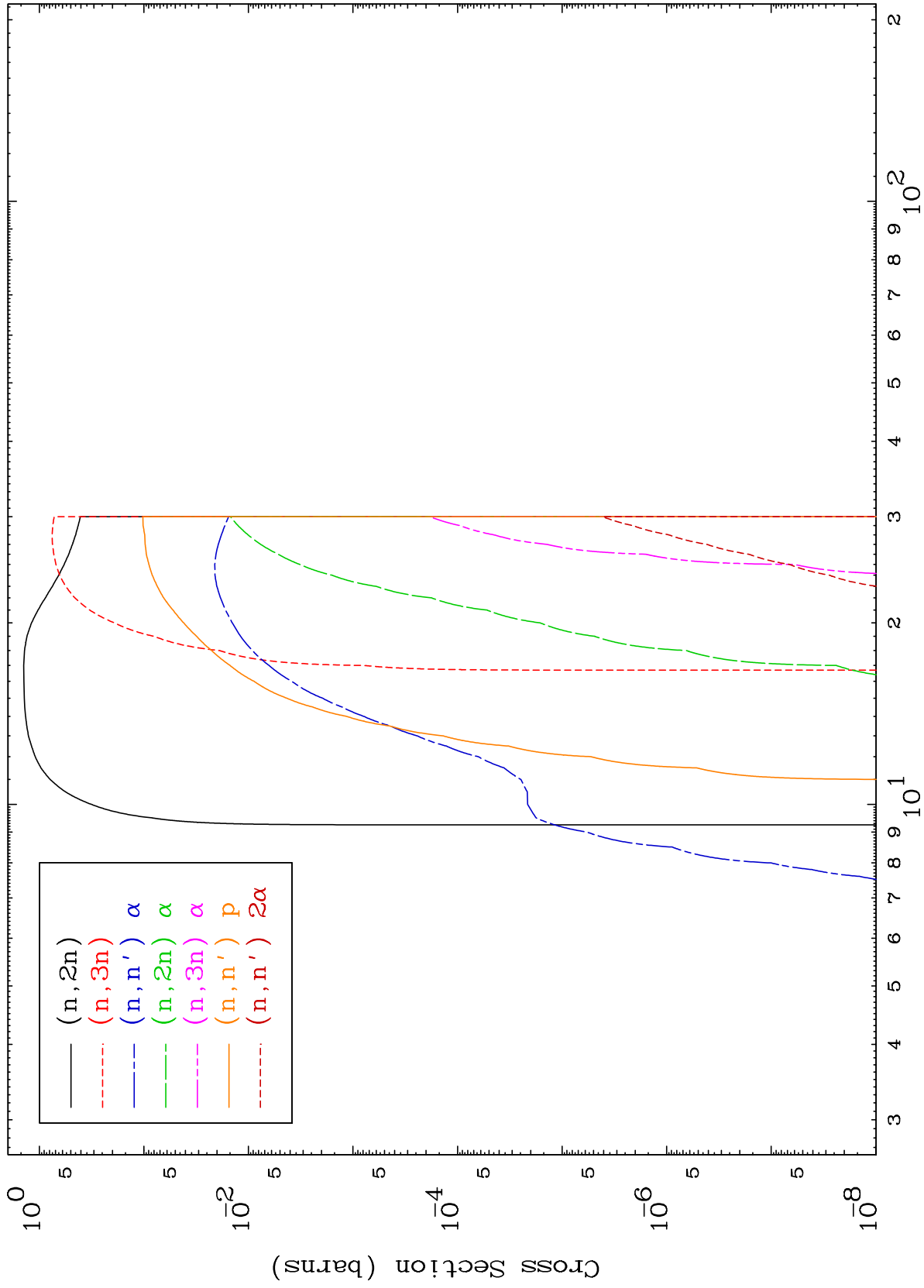
Press Mouse Button to Start

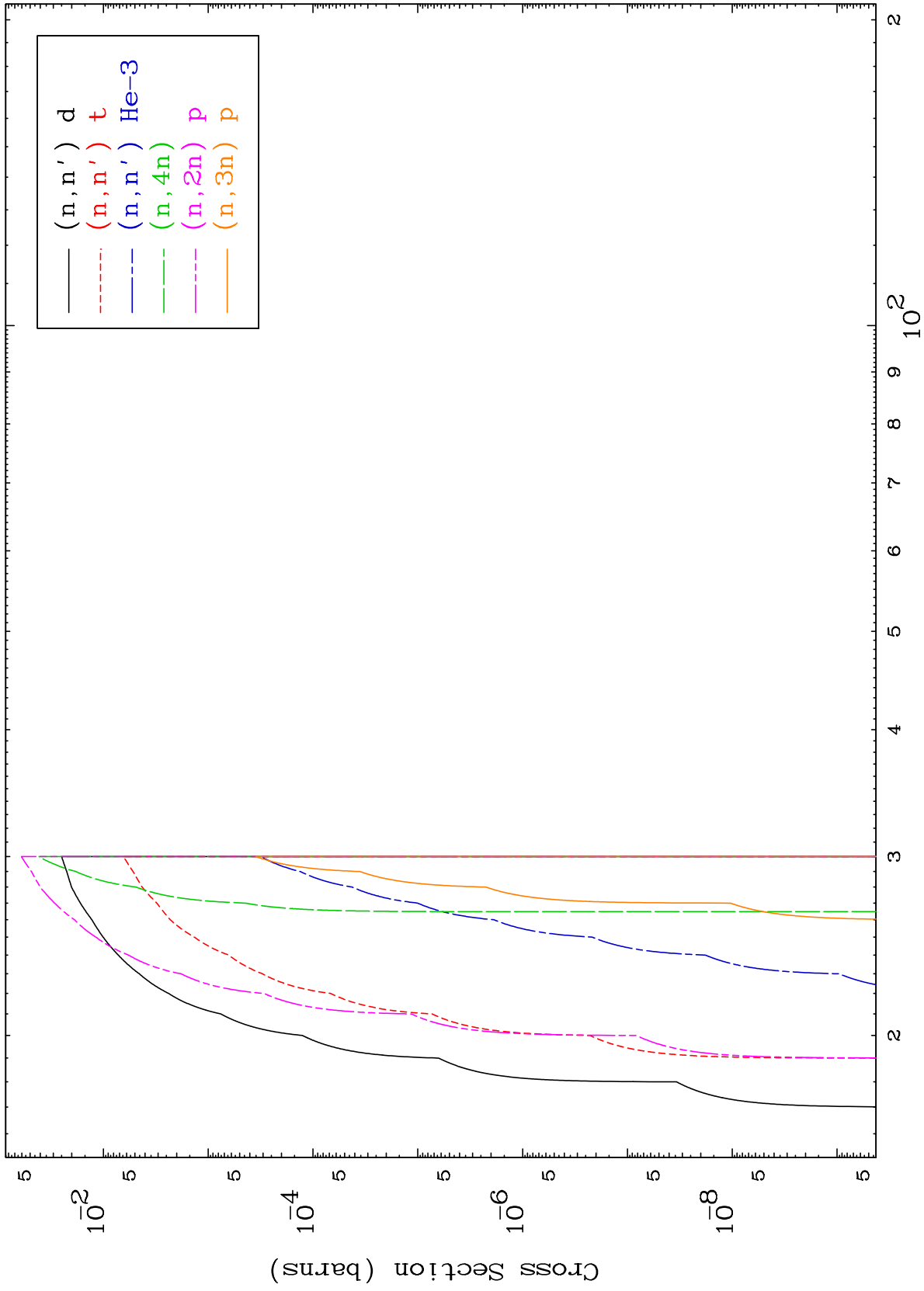
MAT 4237

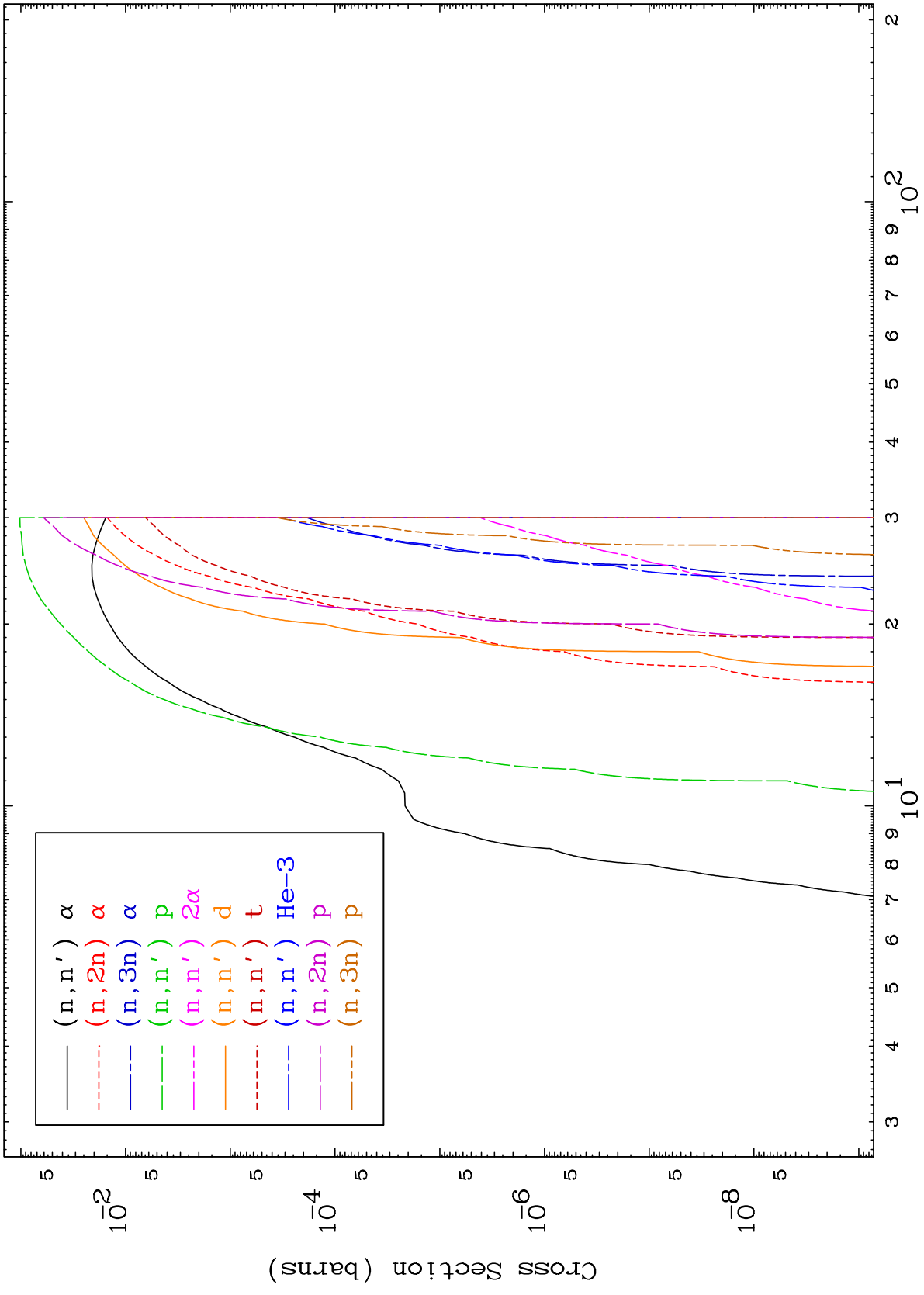
Major
293 Kelvin Cross Sections

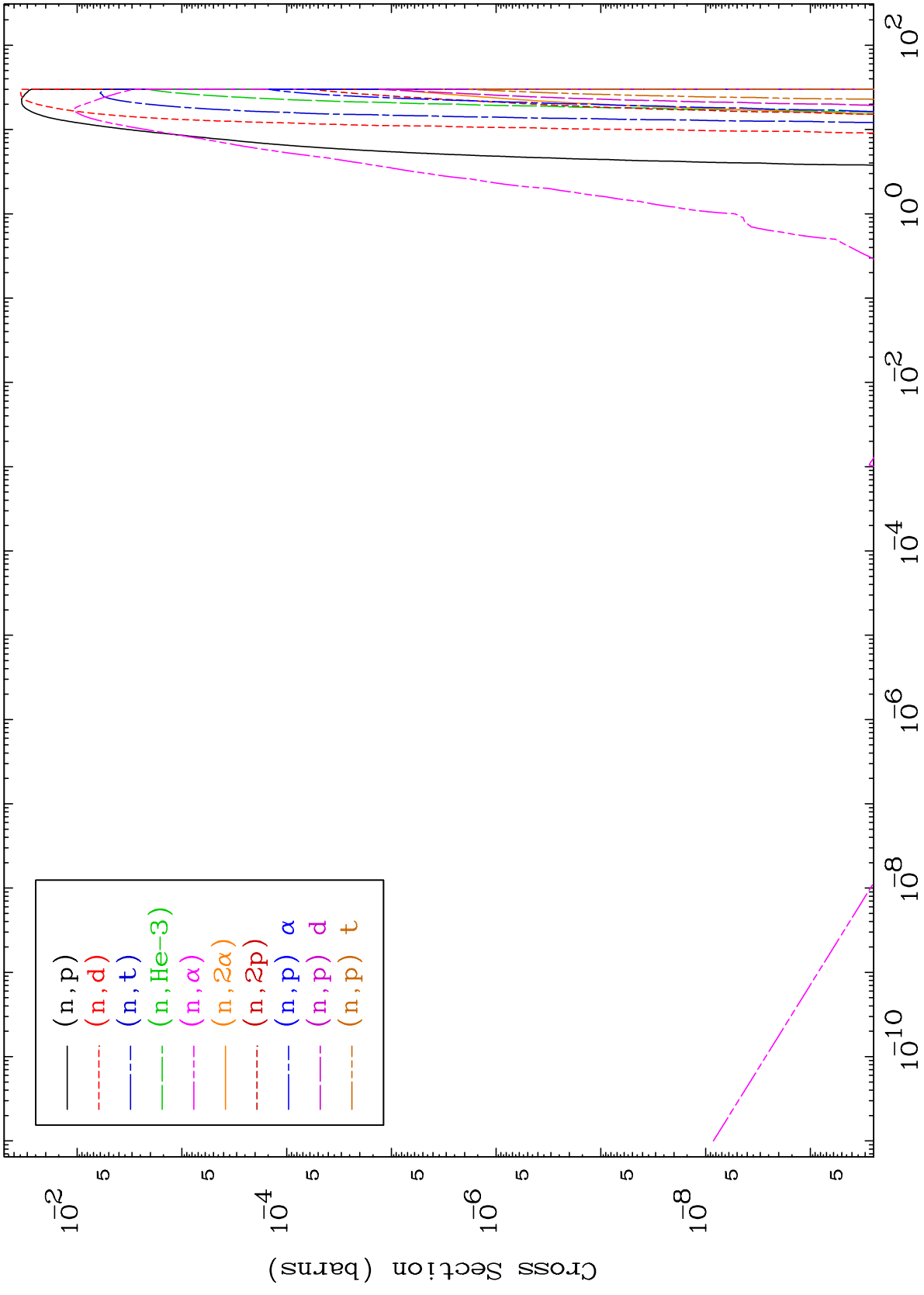
42-Mo-96

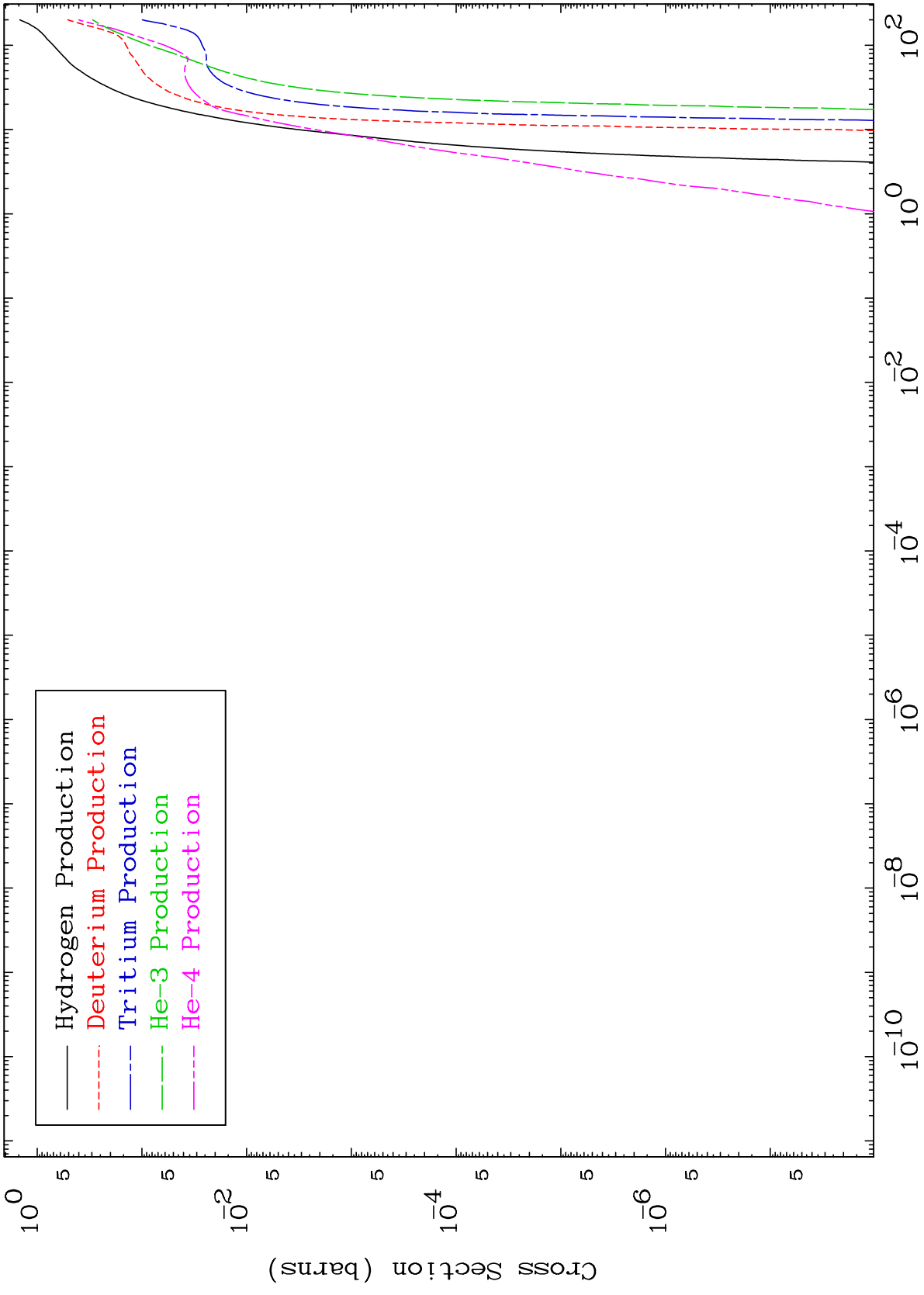










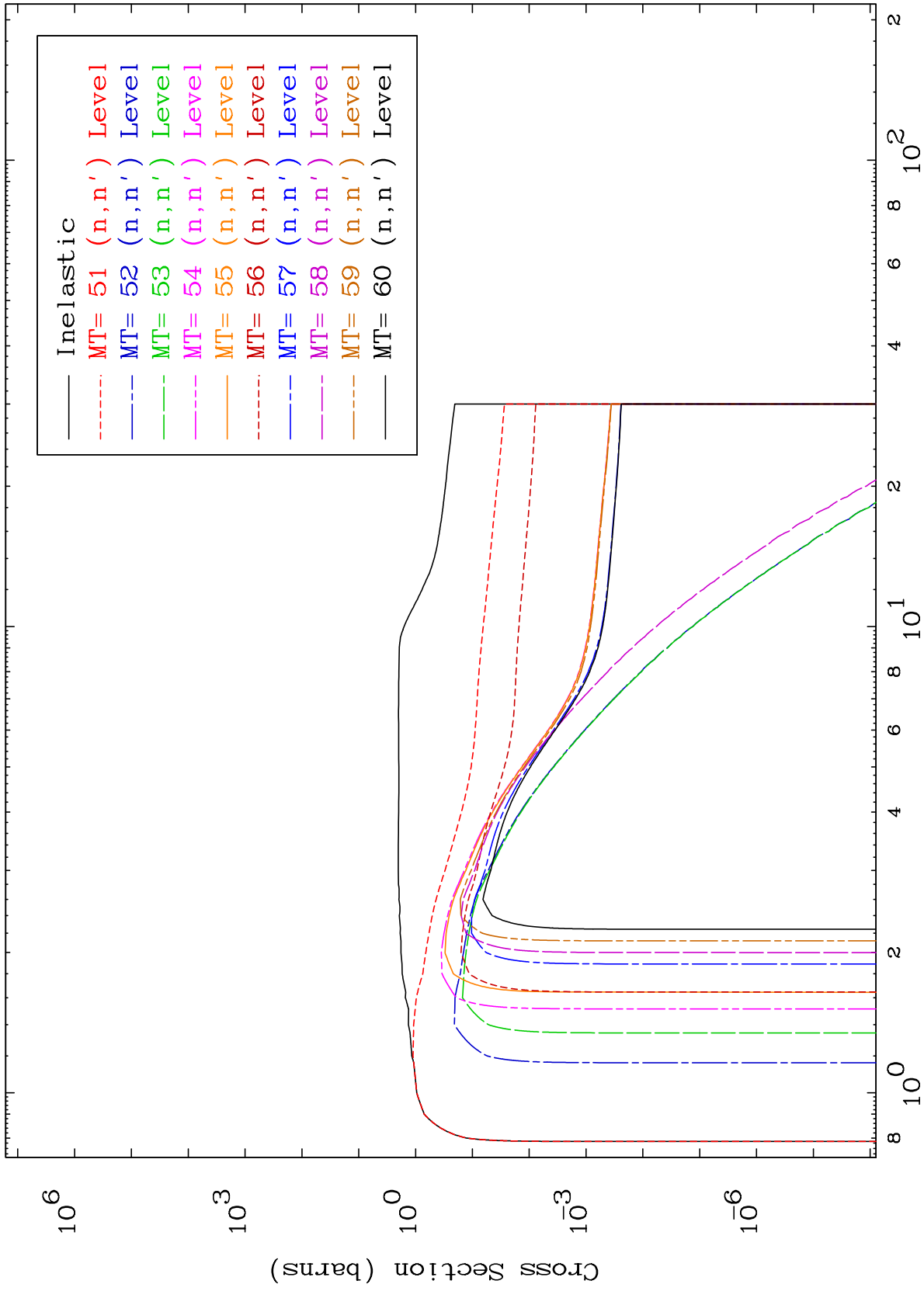


MAT 4237

(n,n') Level

293 Kelvin Cross Sections

42-Mo-96



7

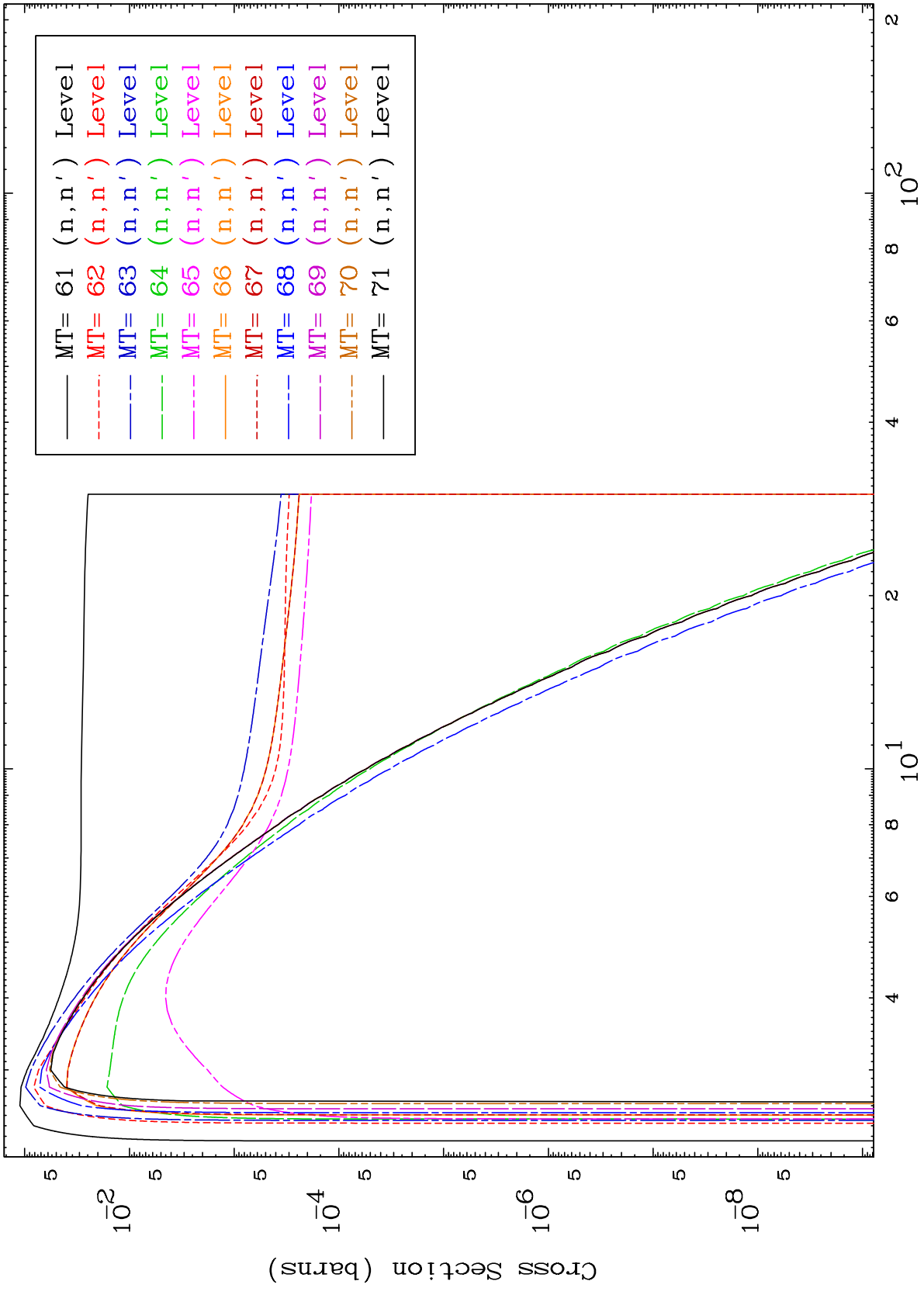
Incident Energy (MeV)

42-Mo-96

MAT 4237

(n,n') Level
293 Kelvin Cross Sections

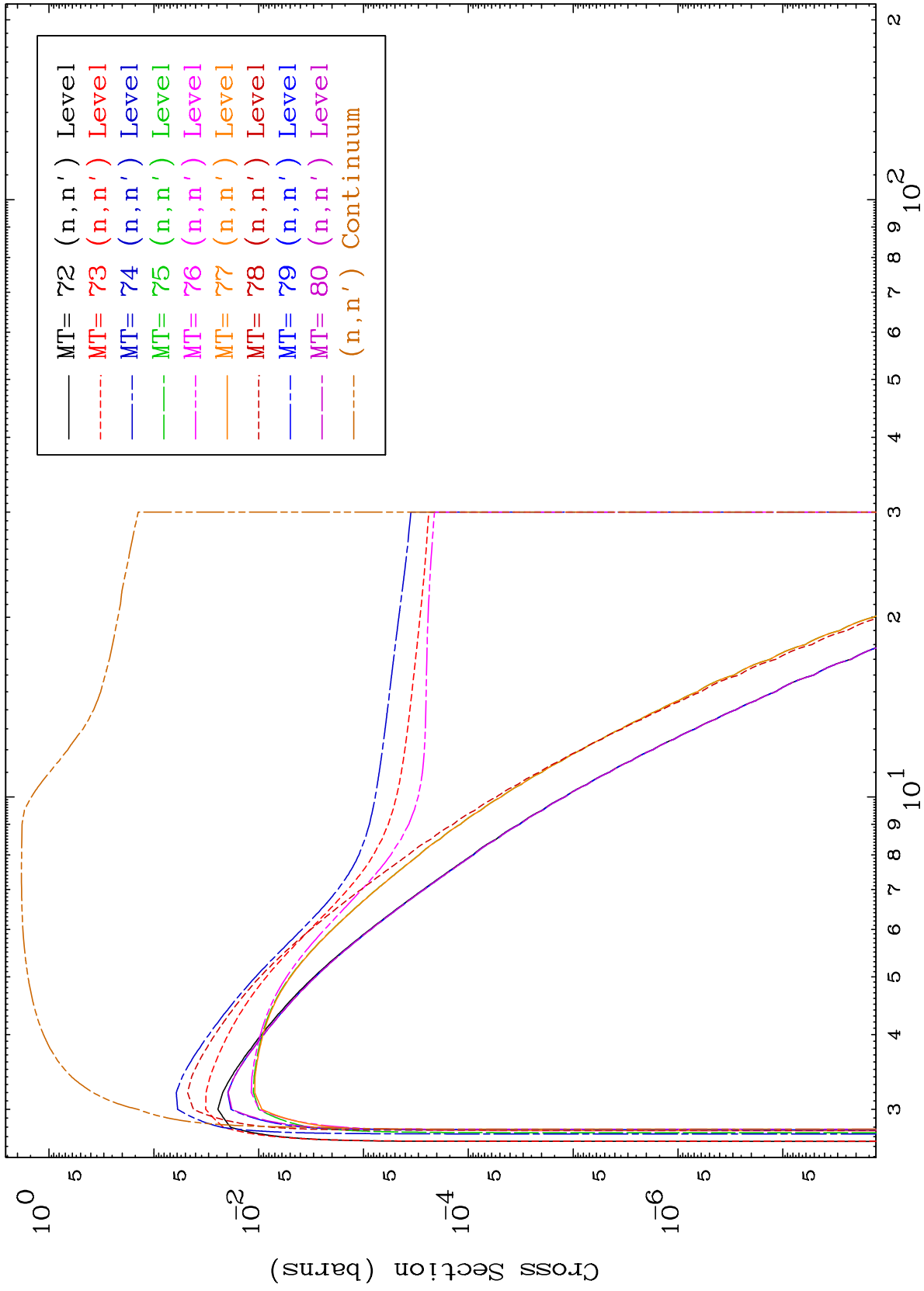
42-Mo-96



8

Incident Energy (MeV)

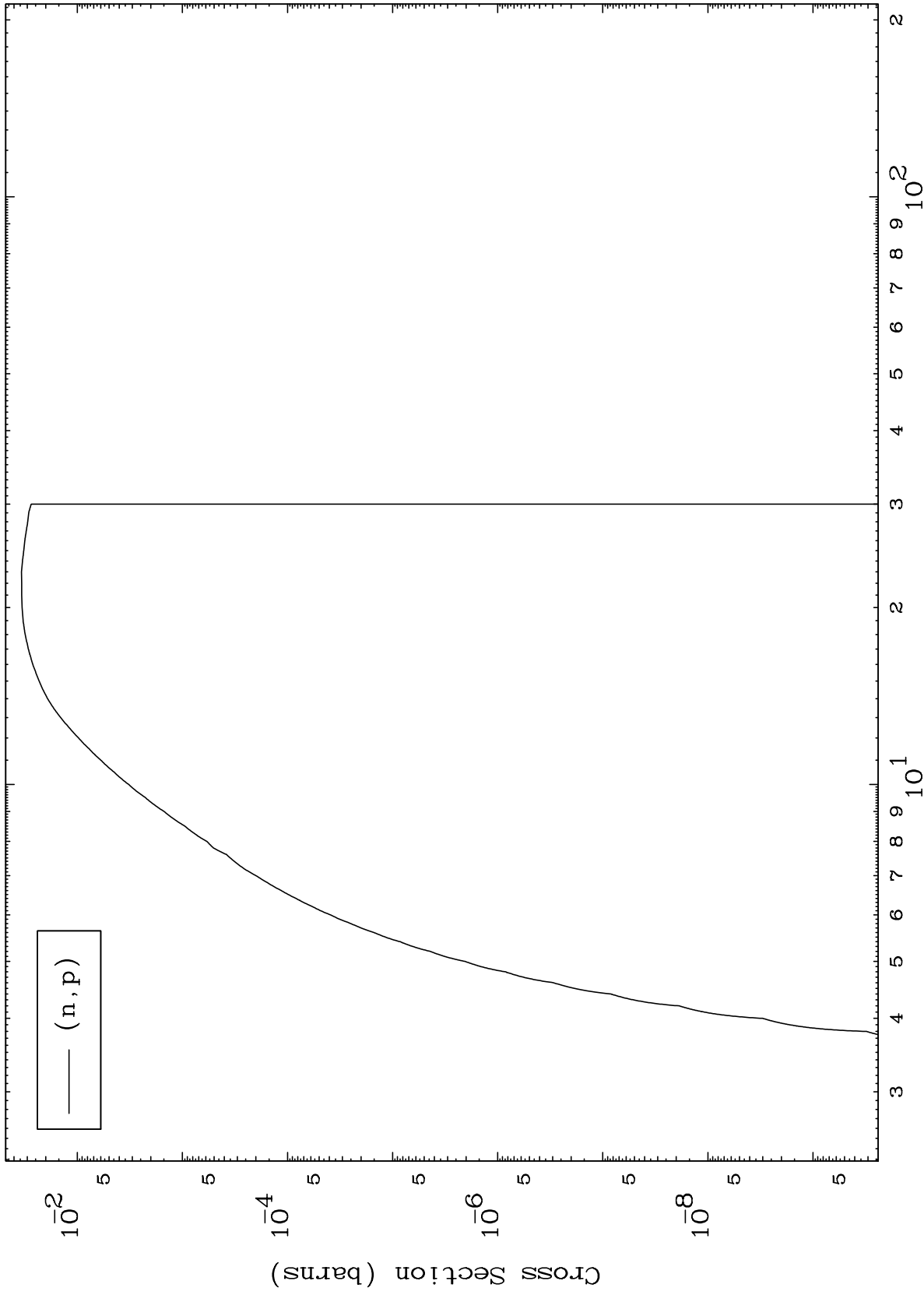
42-Mo-96



MAT 4237

(n,p) Levels
293 Kelvin Cross Sections

42-Mo-96



10

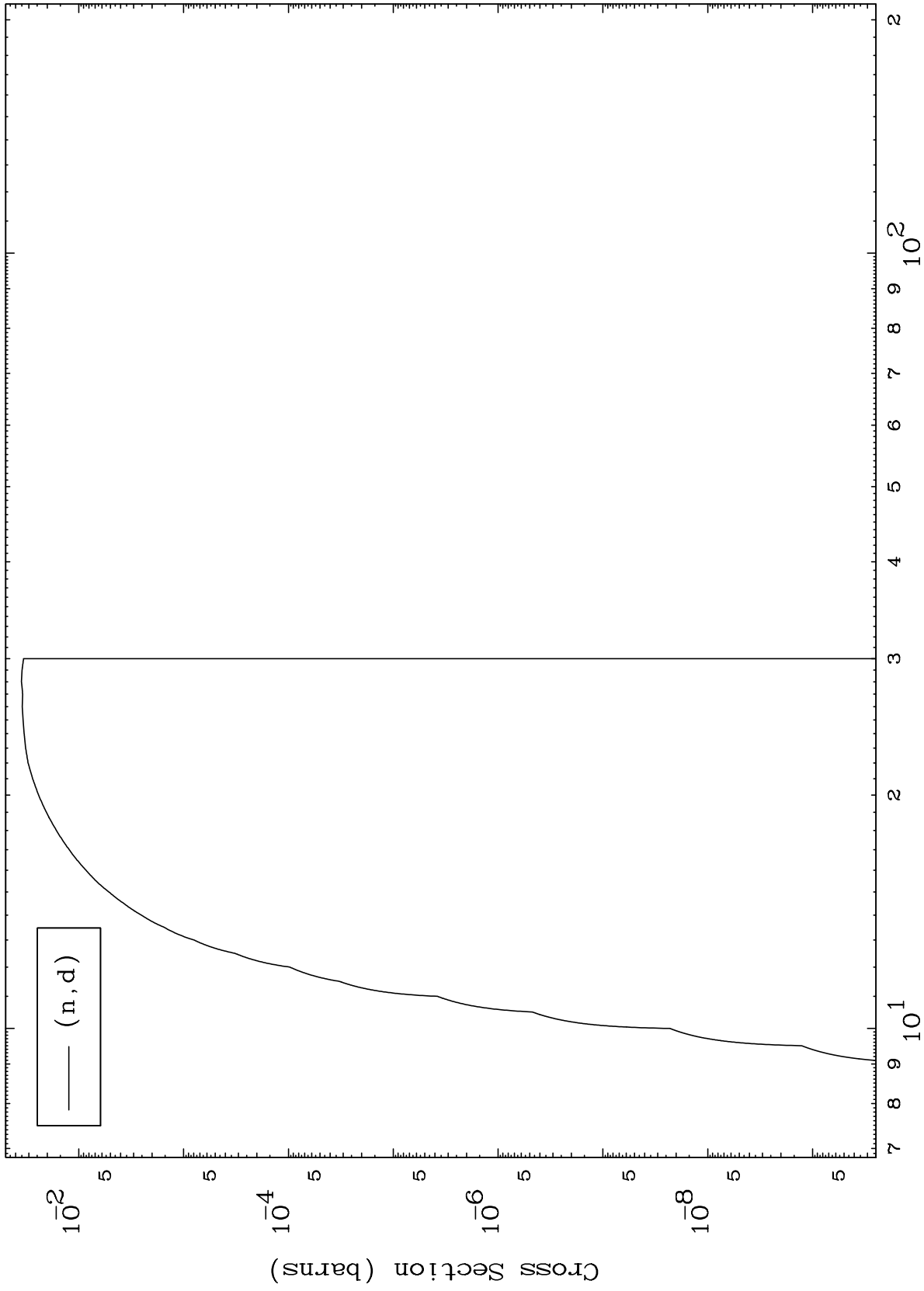
Incident Energy (MeV)

42-Mo-96

MAT 4237

(n,d) Levels
293 Kelvin Cross Sections

42-Mo-96



11

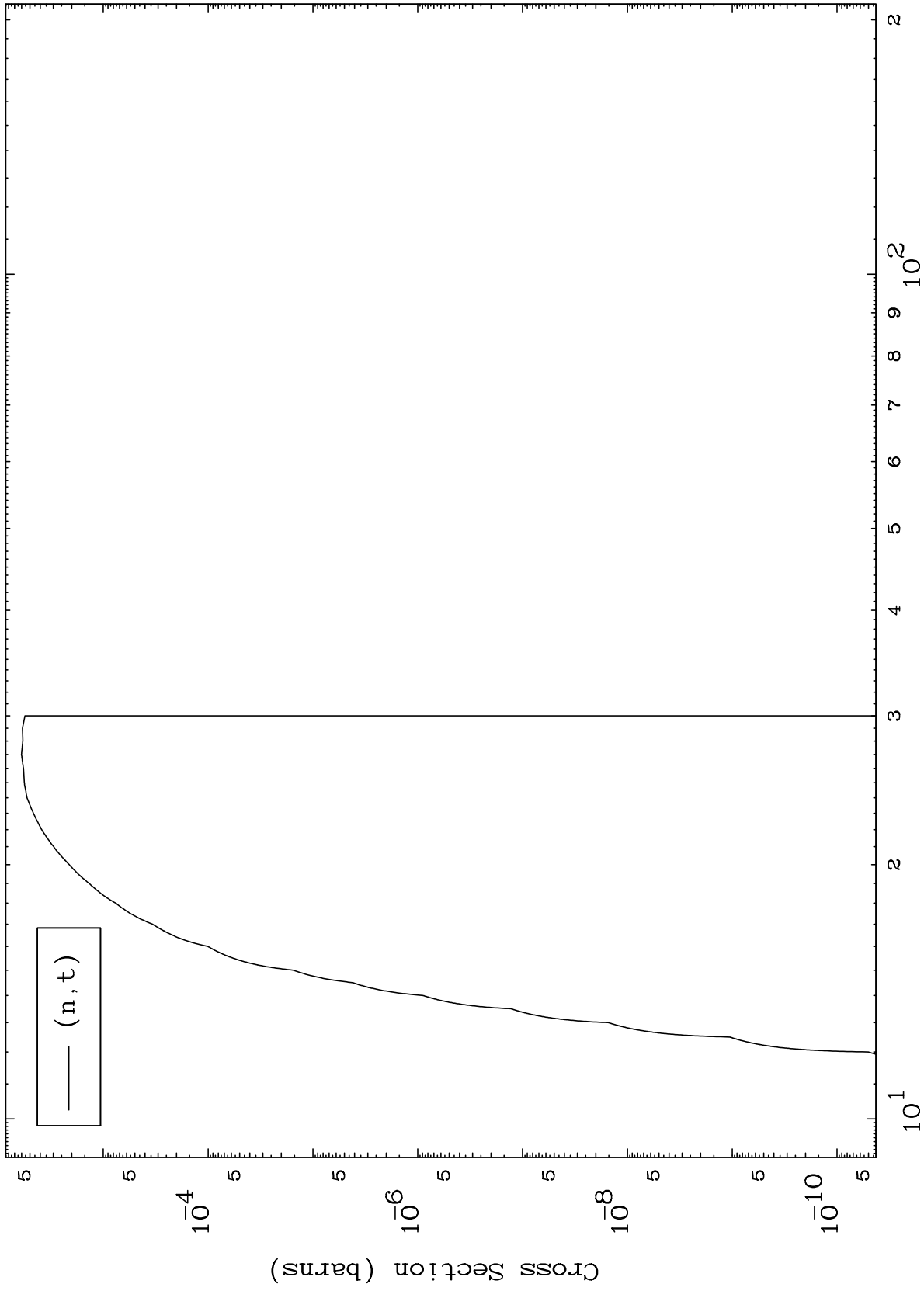
Incident Energy (MeV)

42-Mo-96

MAT 4237

(n,t) Levels
293 Kelvin Cross Sections

42-Mo-96



12

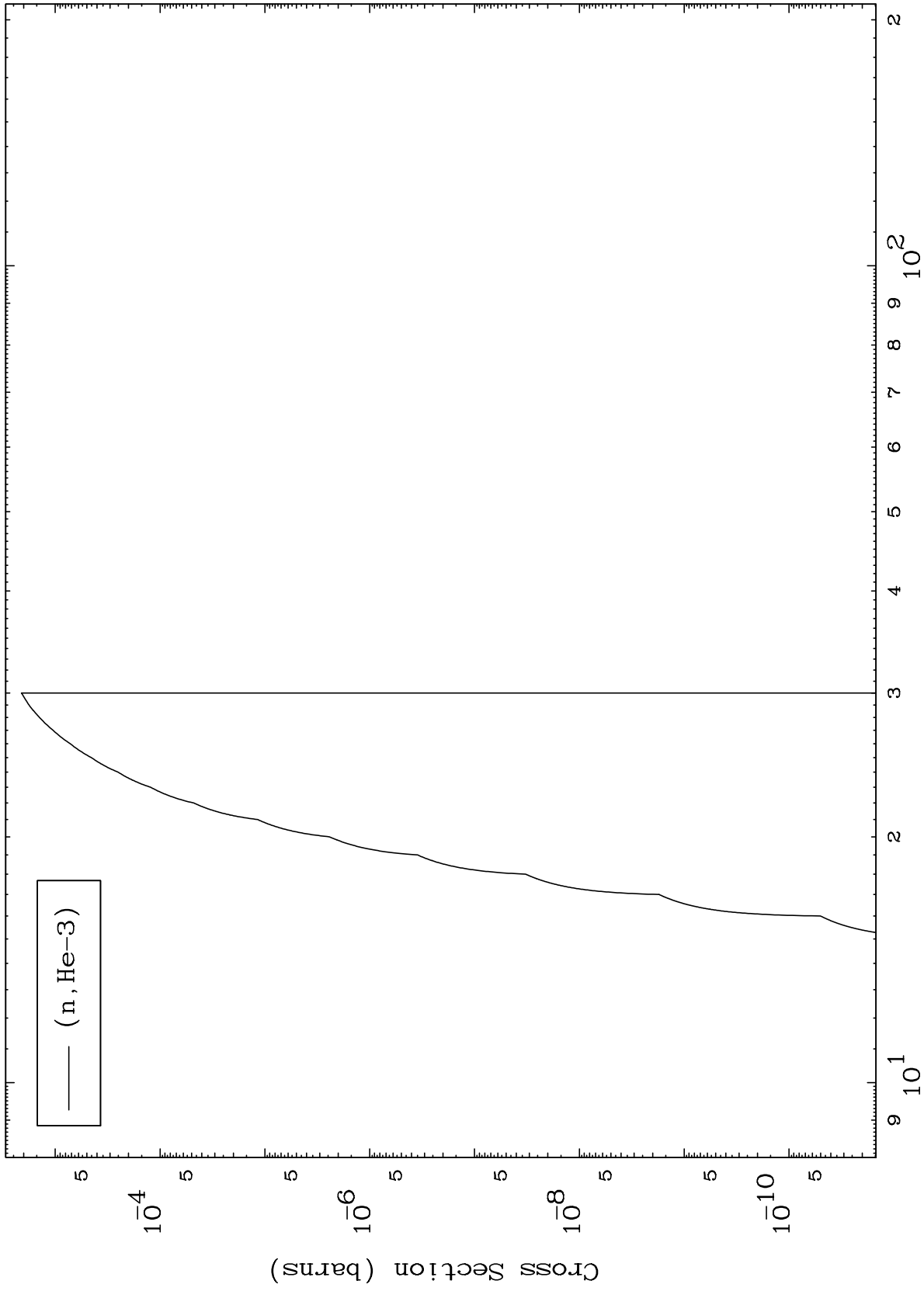
Incident Energy (MeV)

42-Mo-96

MAT 4237

(n,He3) Levels
293 Kelvin Cross Sections

42-Mo-96



13

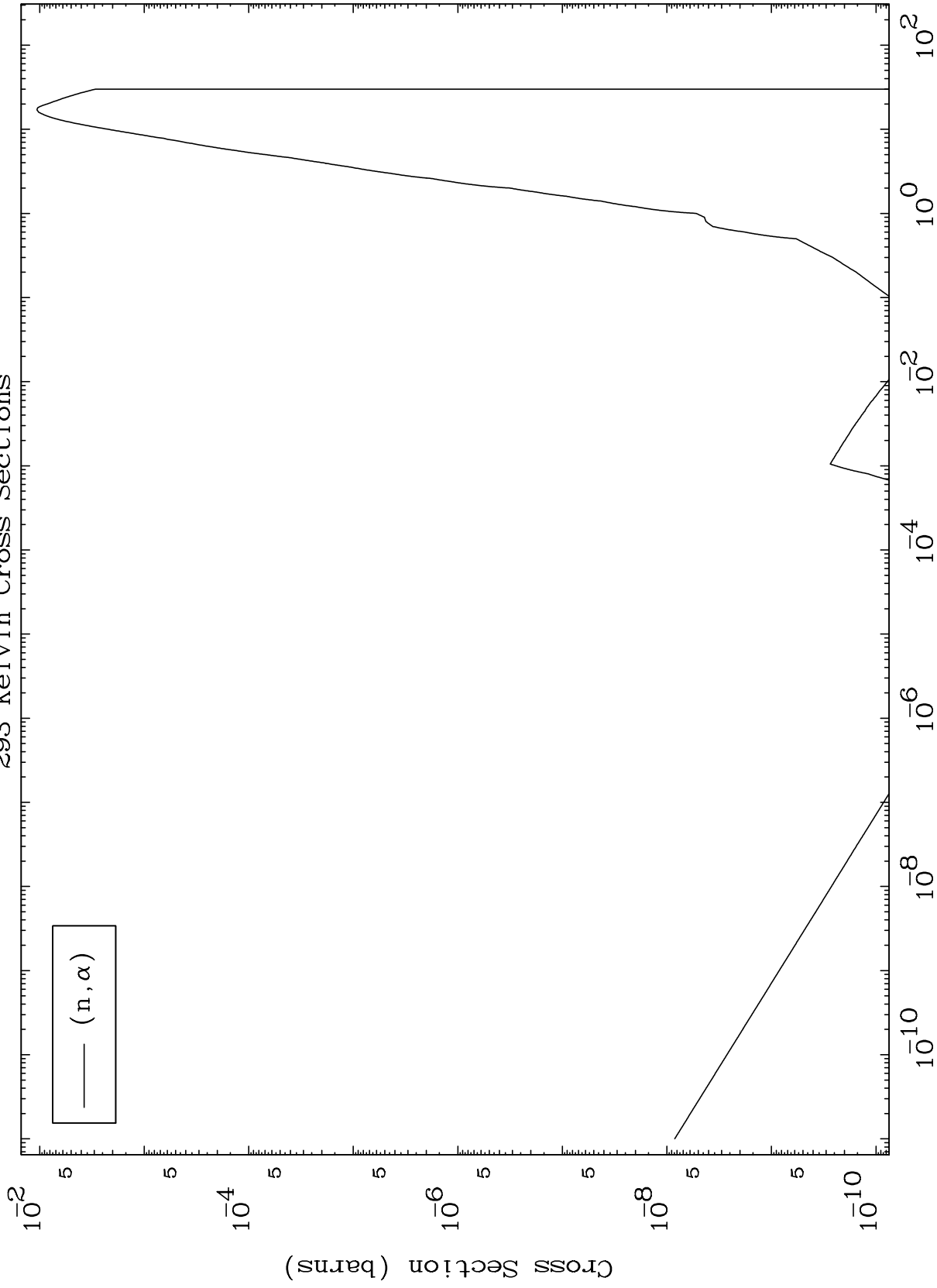
Incident Energy (MeV)

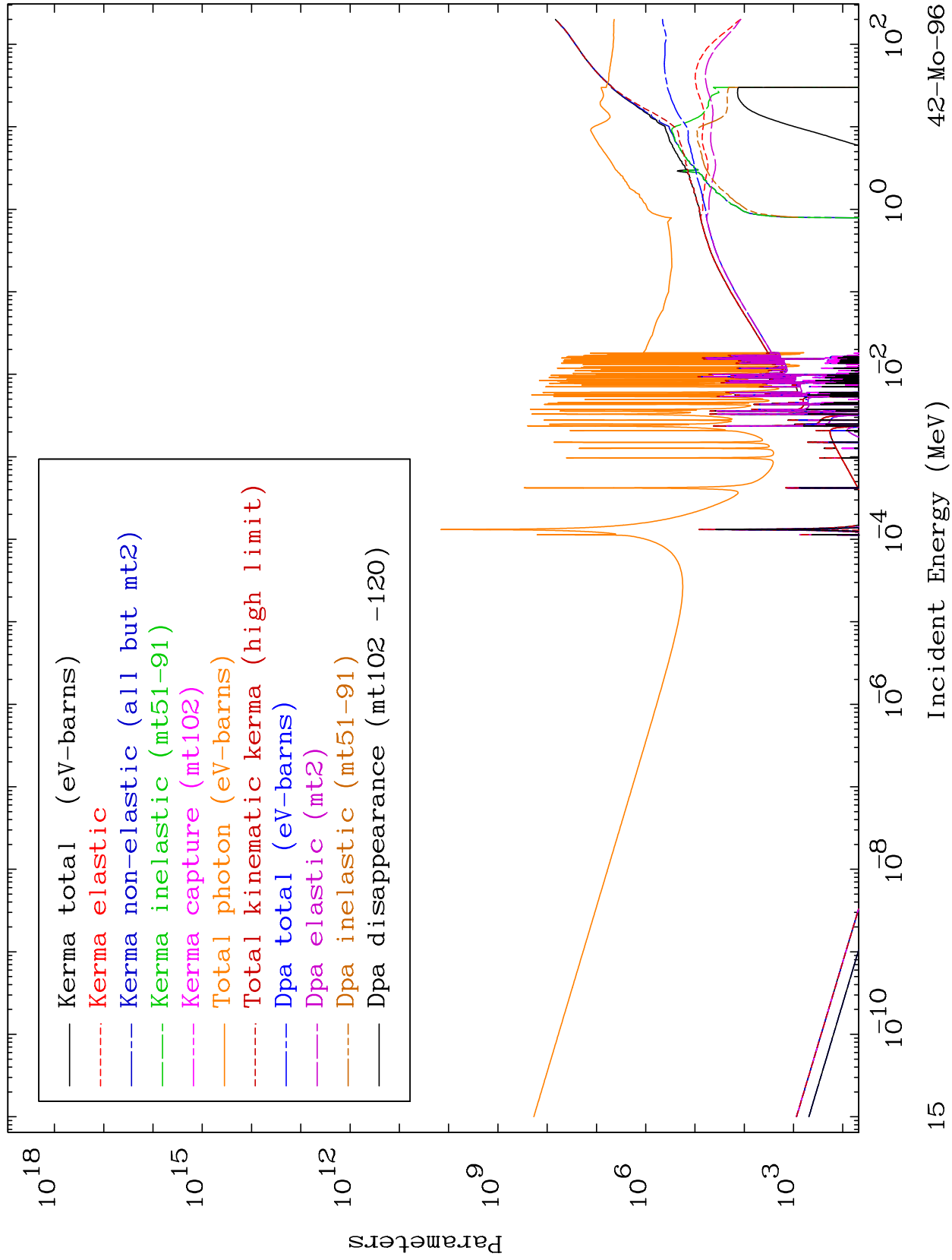
42-Mo-96

MAT 4237

(n,α) Levels
293 Kelvin Cross Sections

42-Mo-96

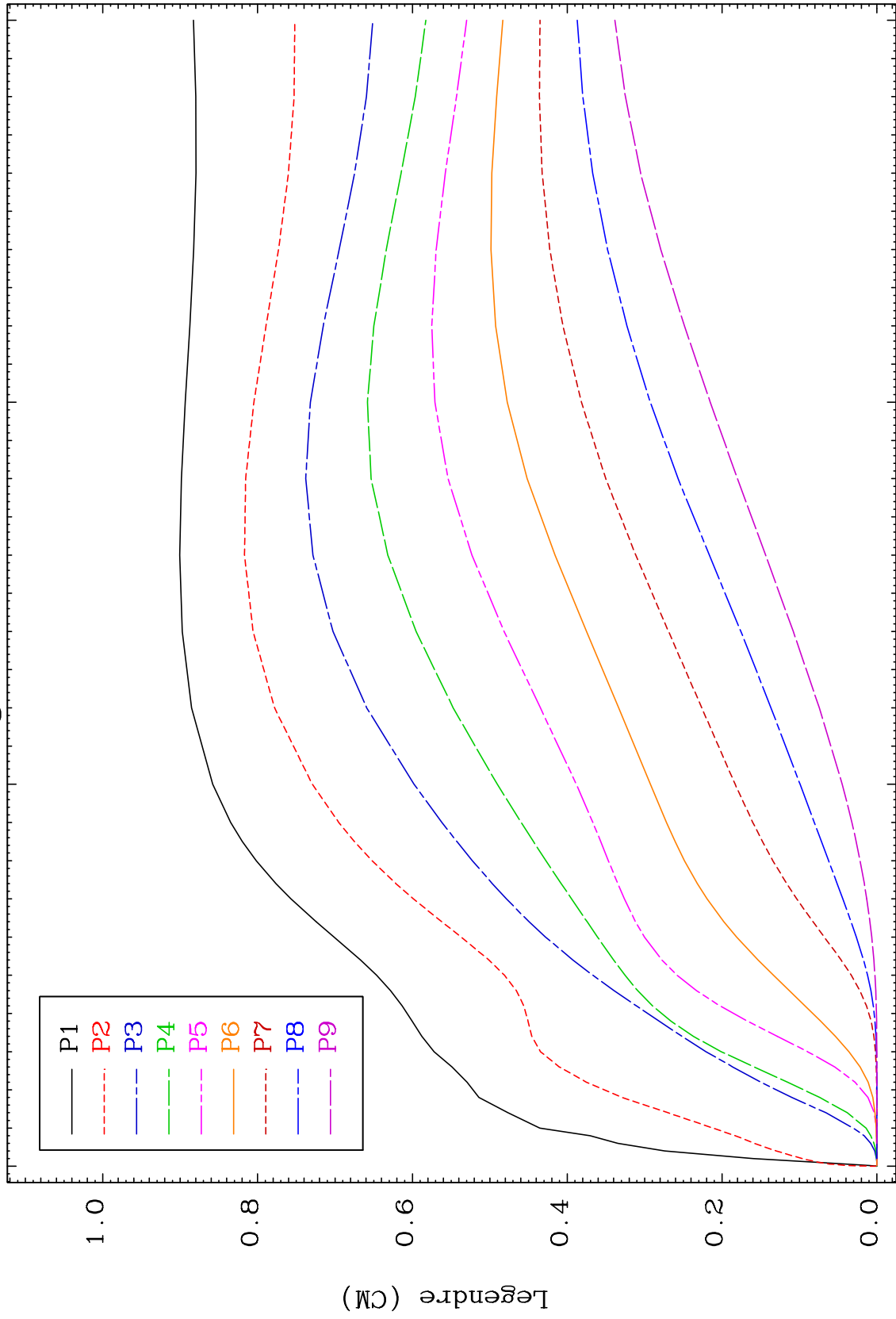




MAT 4237

Elastic Legendre Coefficients

42-Mo-96



0

10

20

30

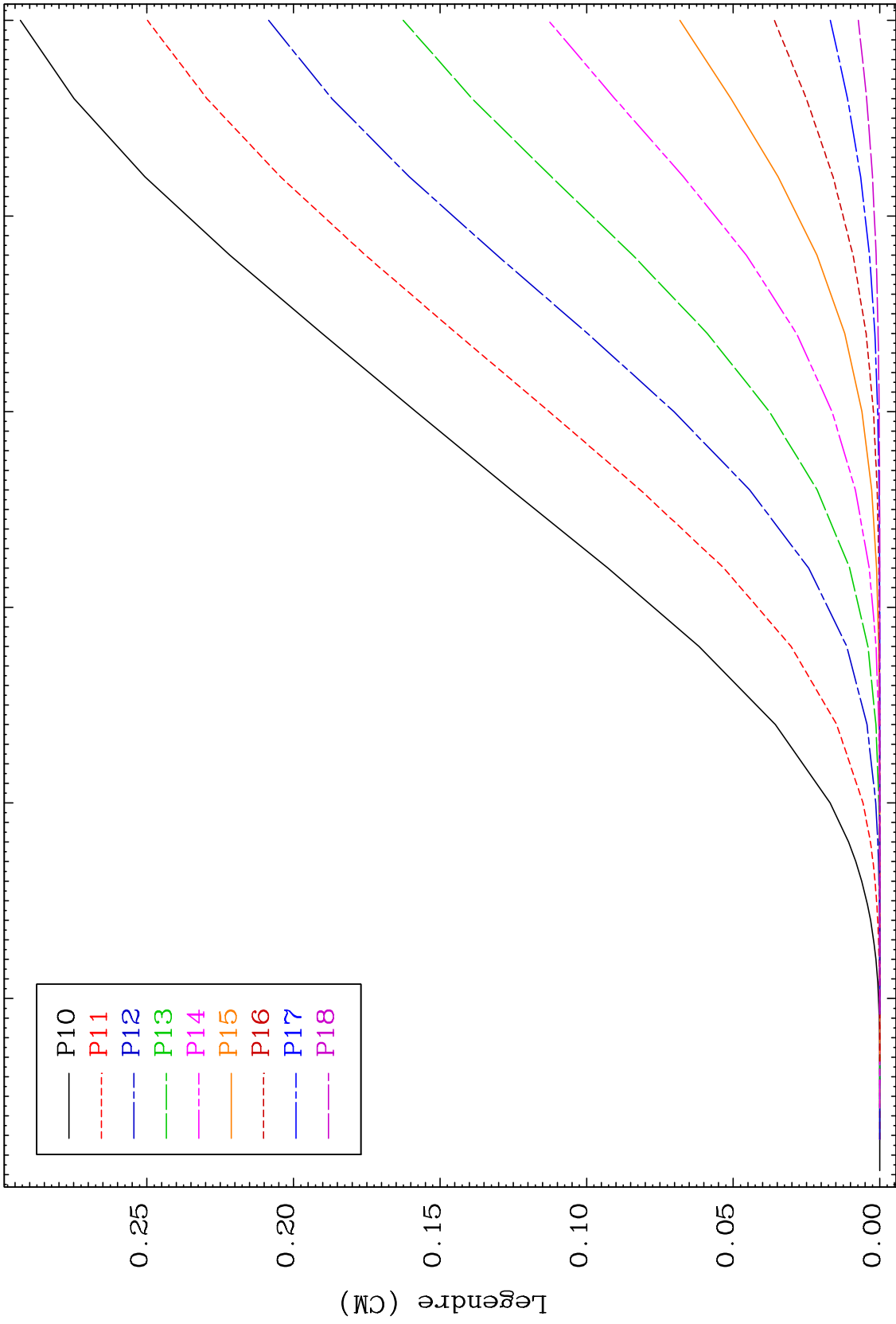
42-Mo-96

Incident Energy (MeV)

MAT 4237

Elastic Legendre Coefficients

42-Mo-96



17

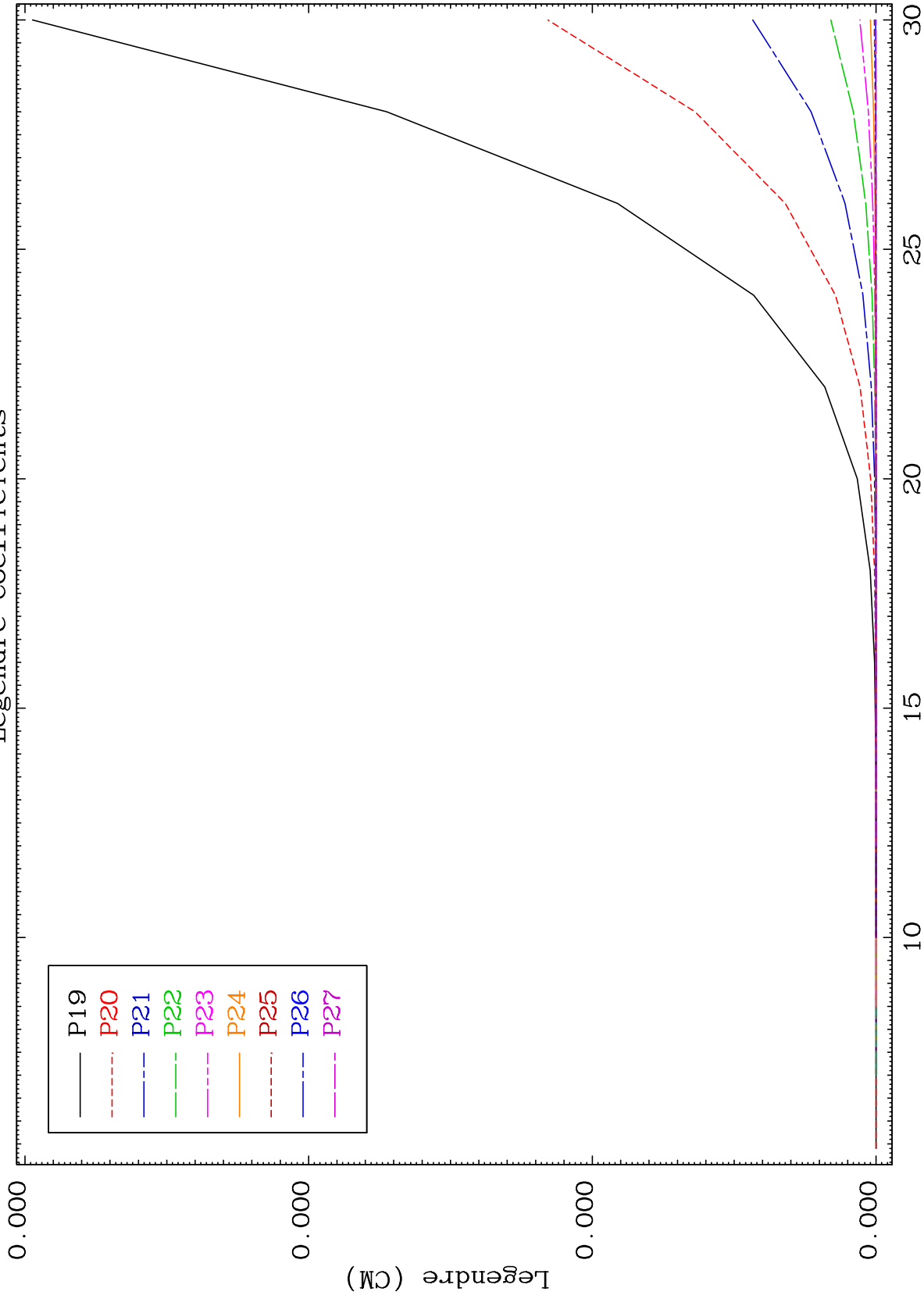
Incident Energy (MeV)

42-Mo-96

MAT 4237

Elastic Legendre Coefficients

42-Mo-96



18

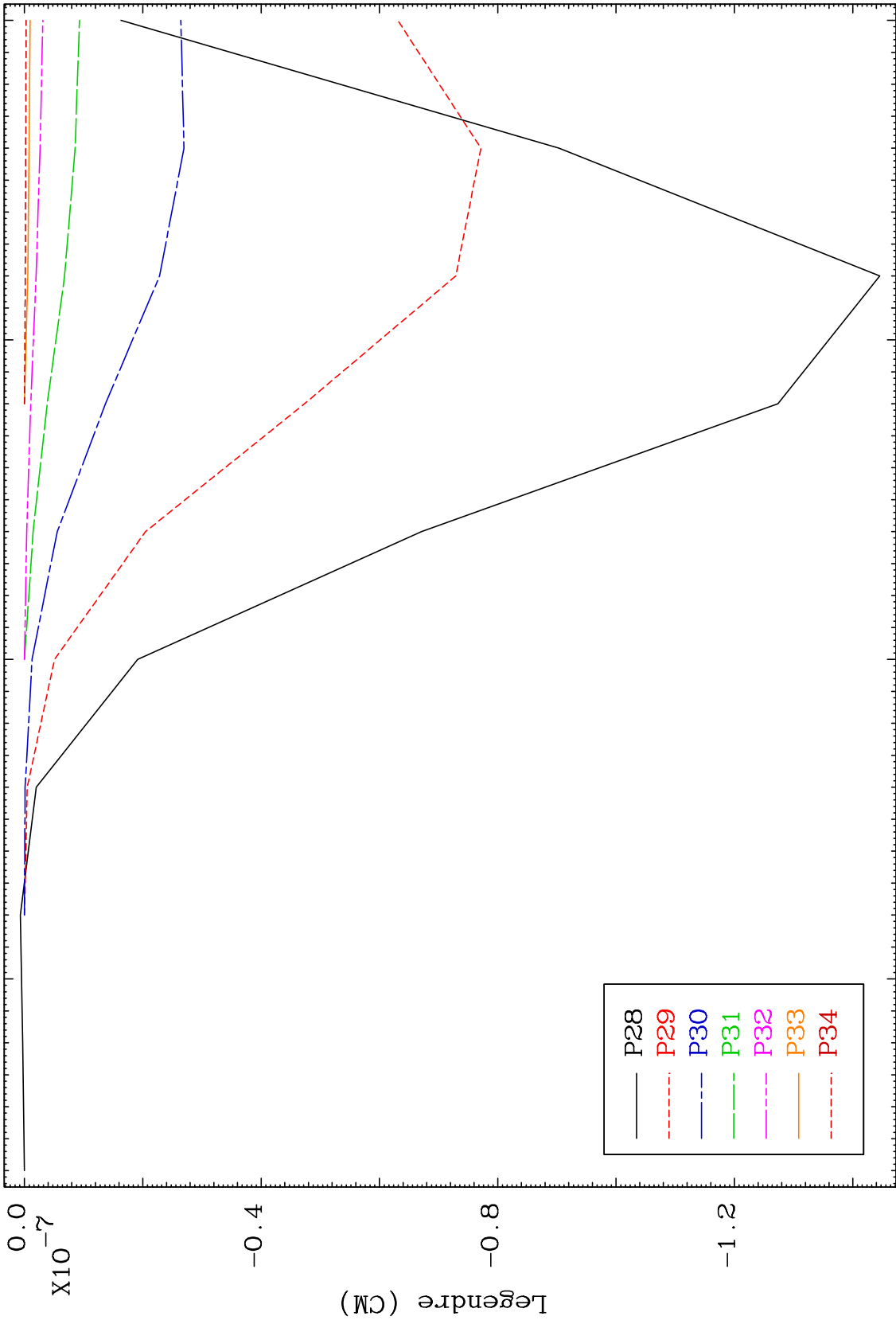
Incident Energy (MeV)

42-Mo-96

MAT 4237

42-Mo-96

Elastic Legendre Coefficients



19

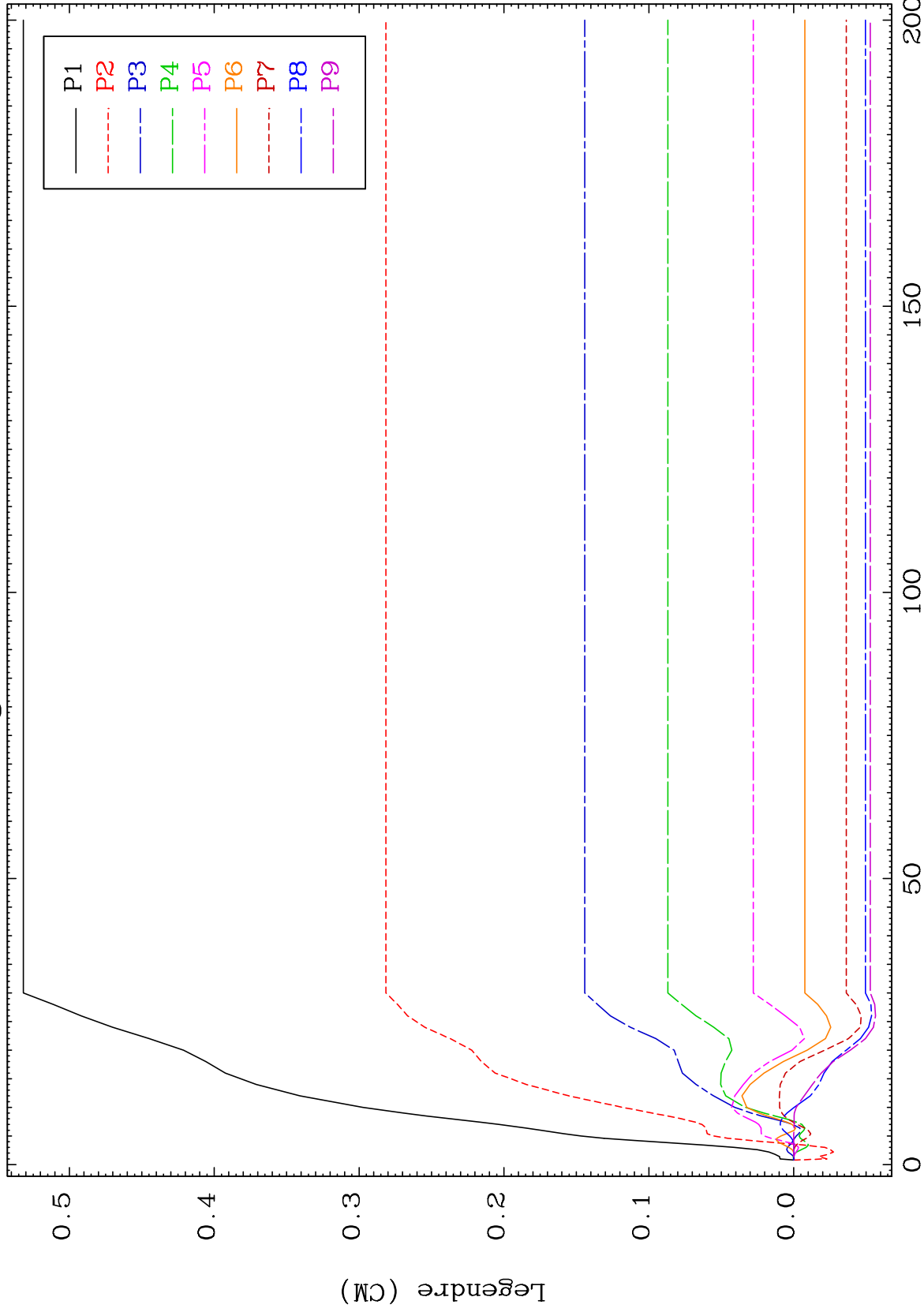
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



20

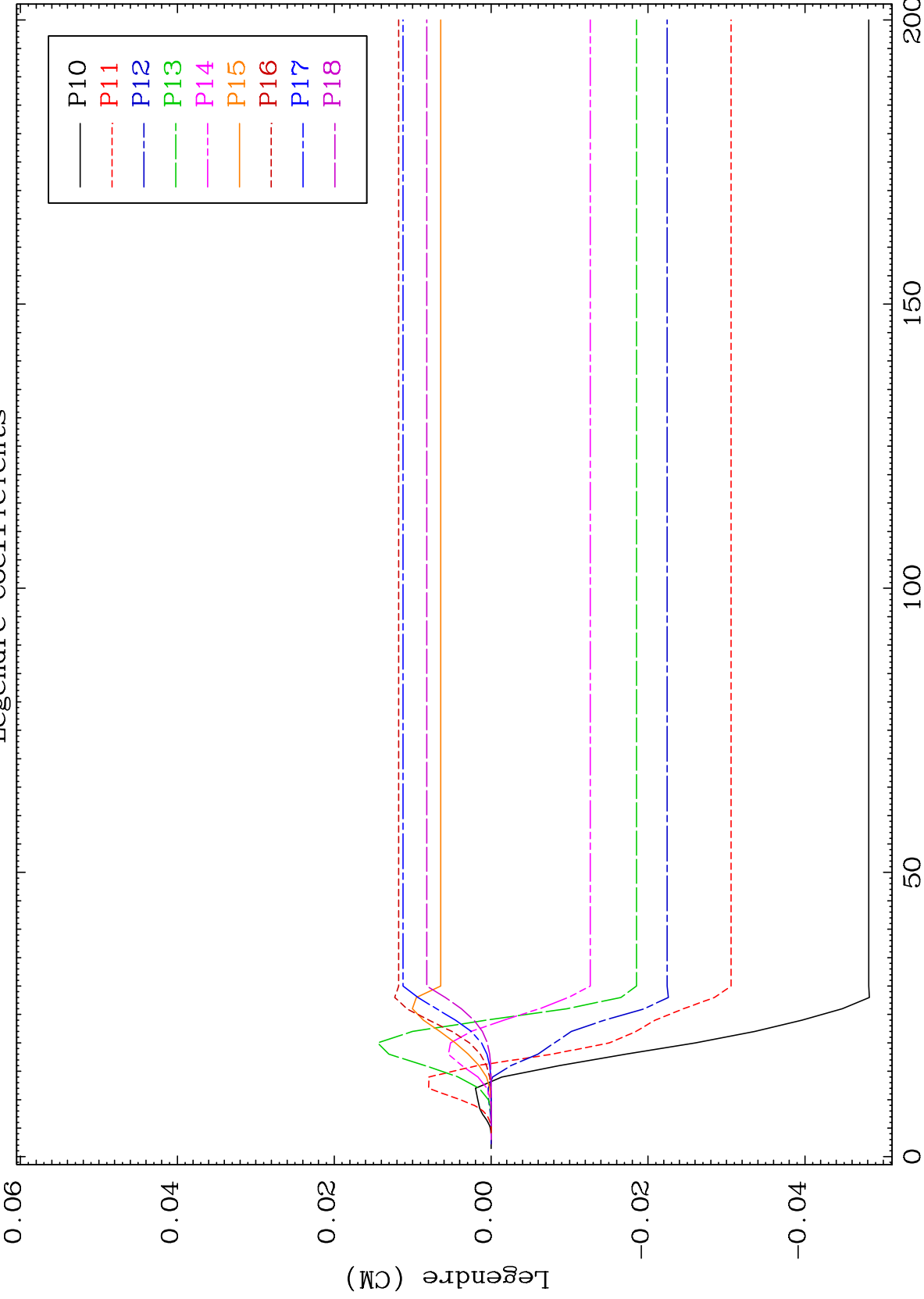
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



21

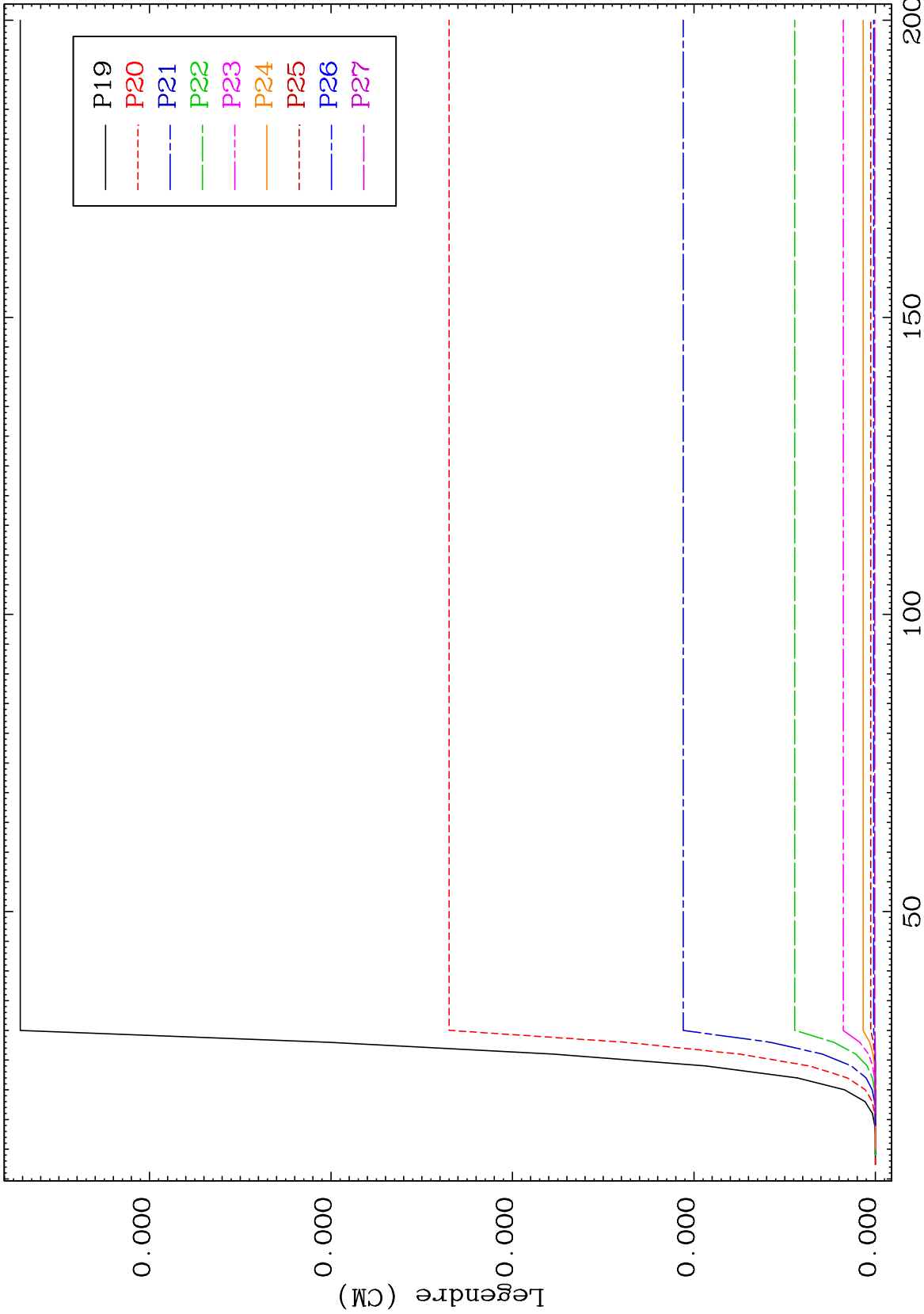
Incident Energy (MeV)

42-Mo-96

MAT 4237

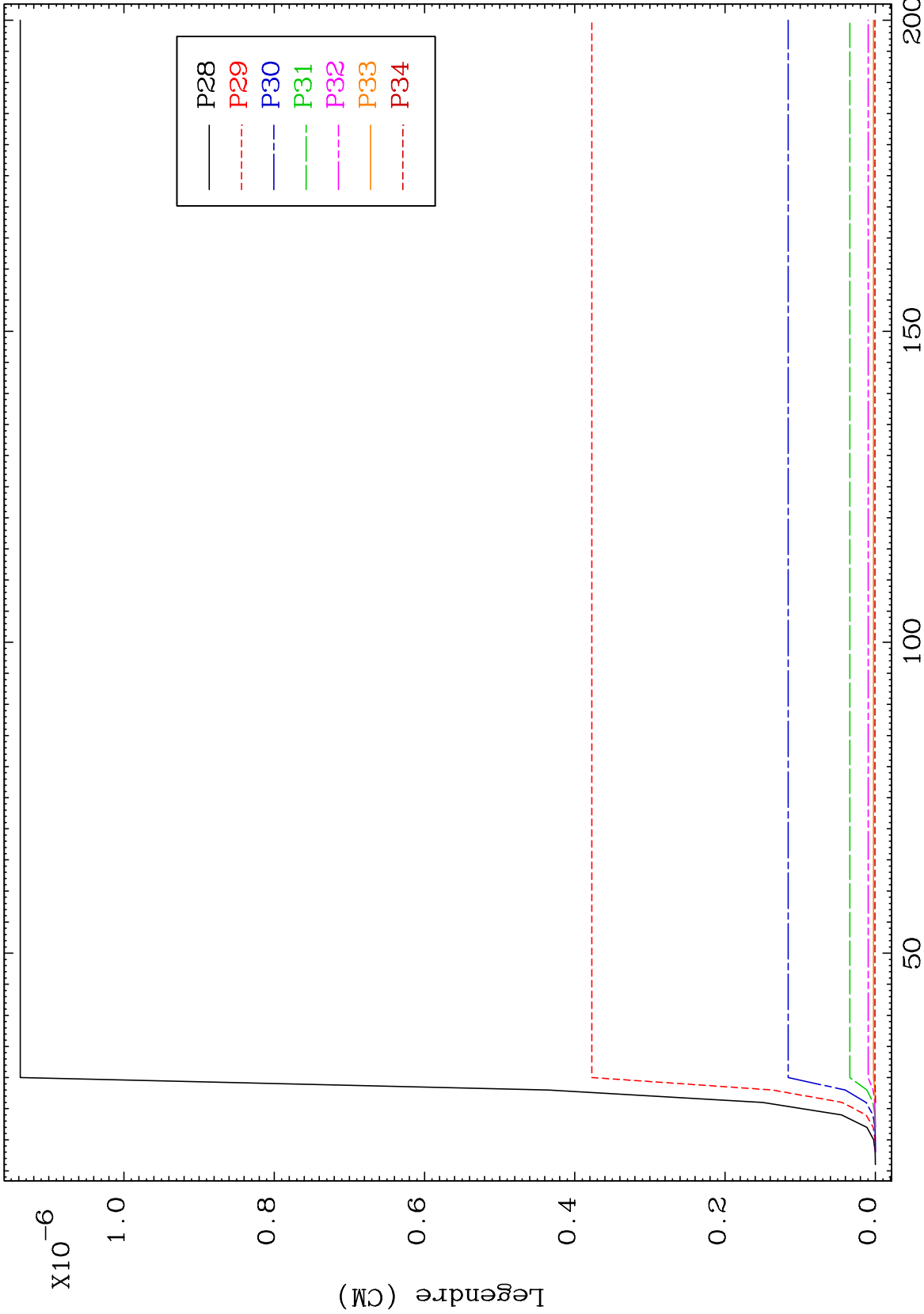
MT= 51 (n,n') Level
Legendre Coefficients

42-Mo-96



22

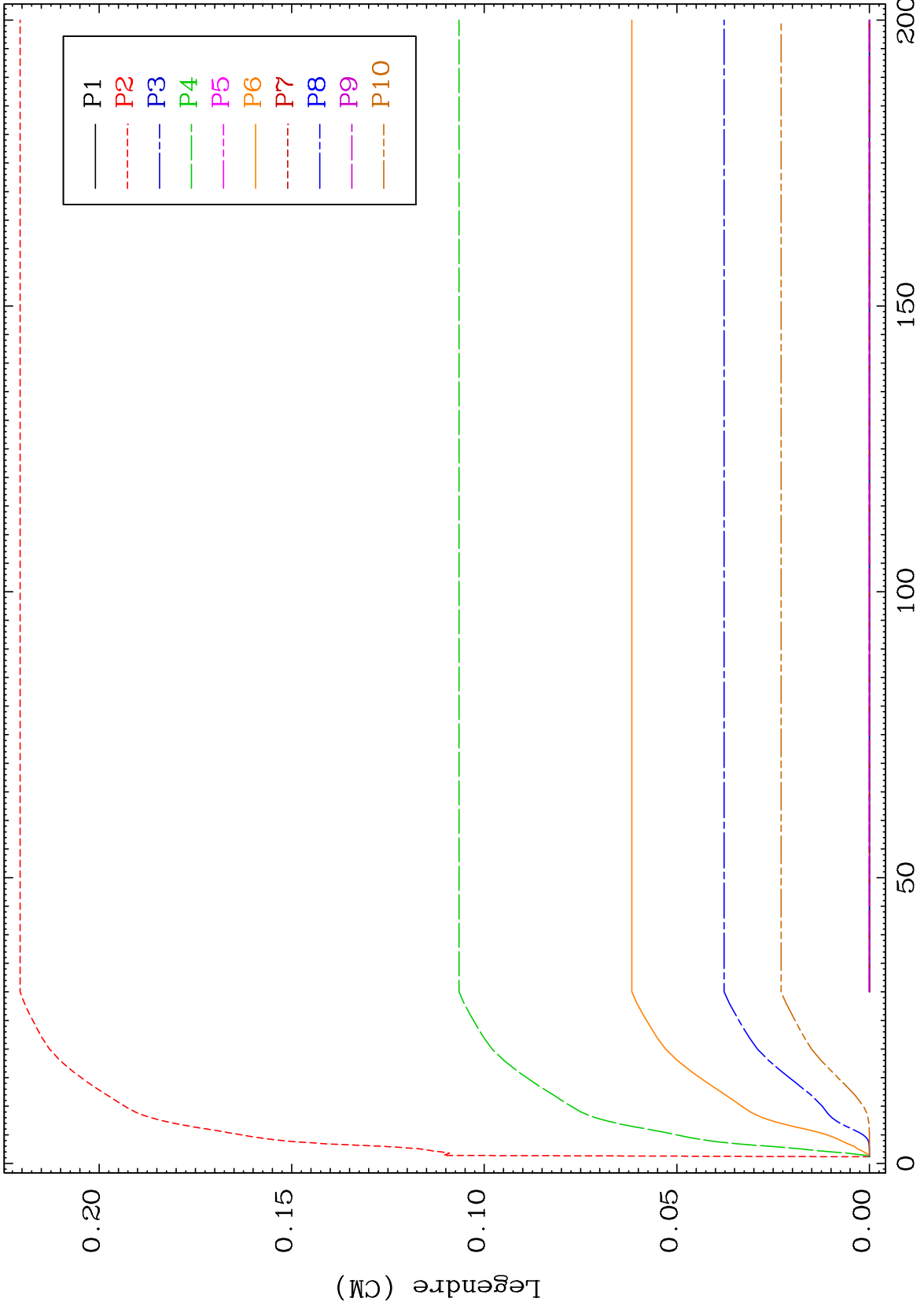
42-Mo-96



MAT 4237

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

42-Mo-96



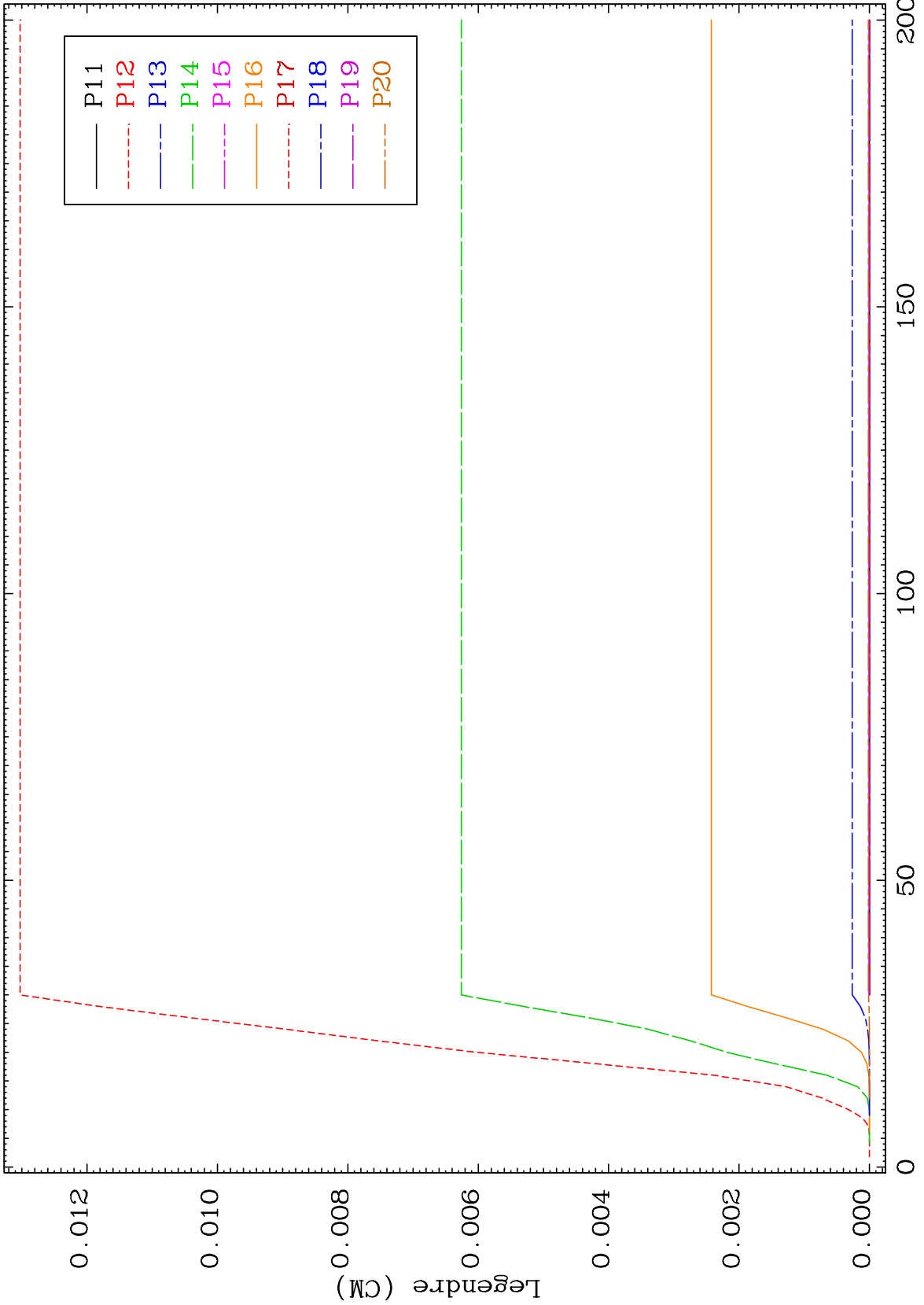
24

42-Mo-96

MAT 4237

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

42-Mo-96



25

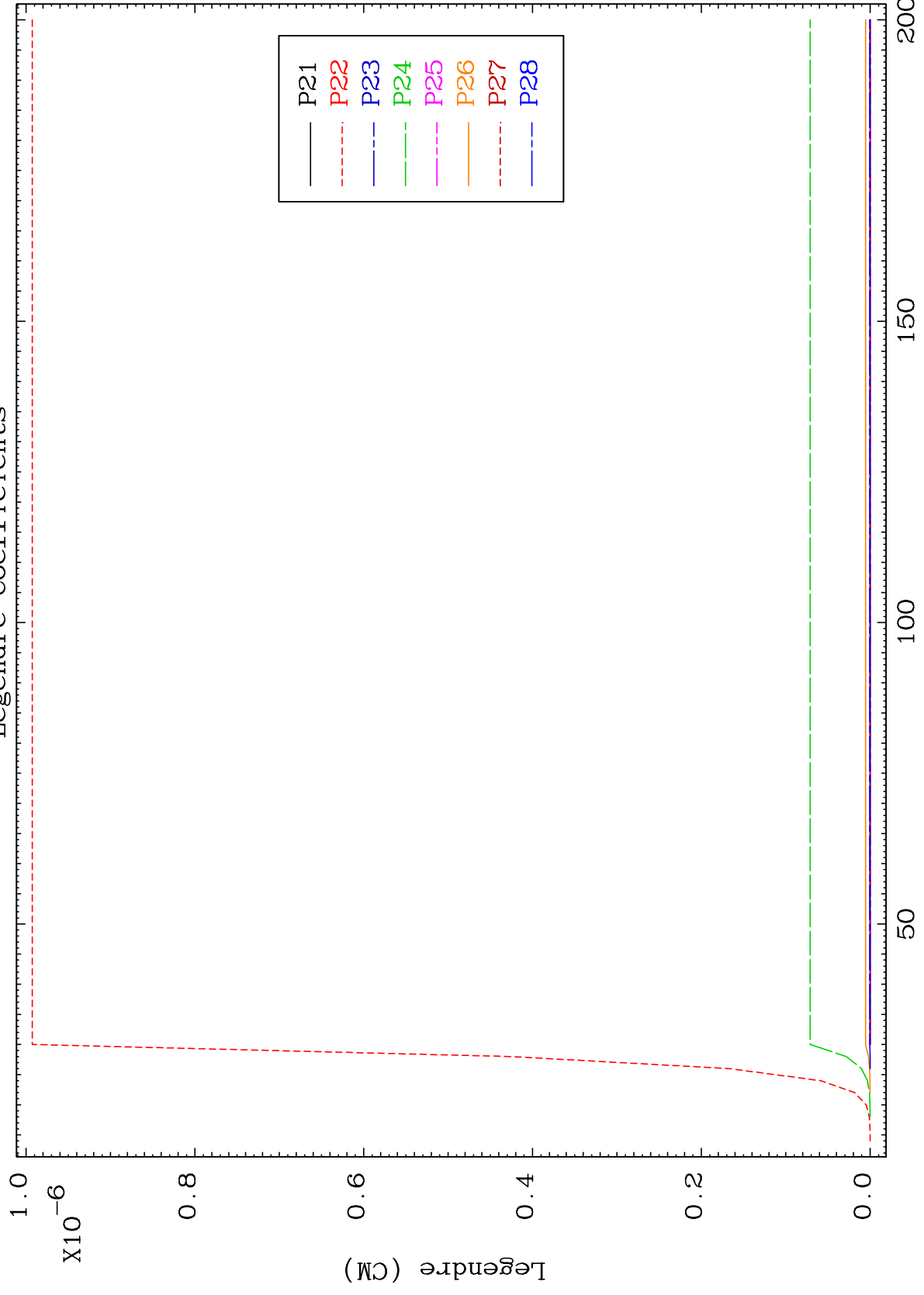
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



26

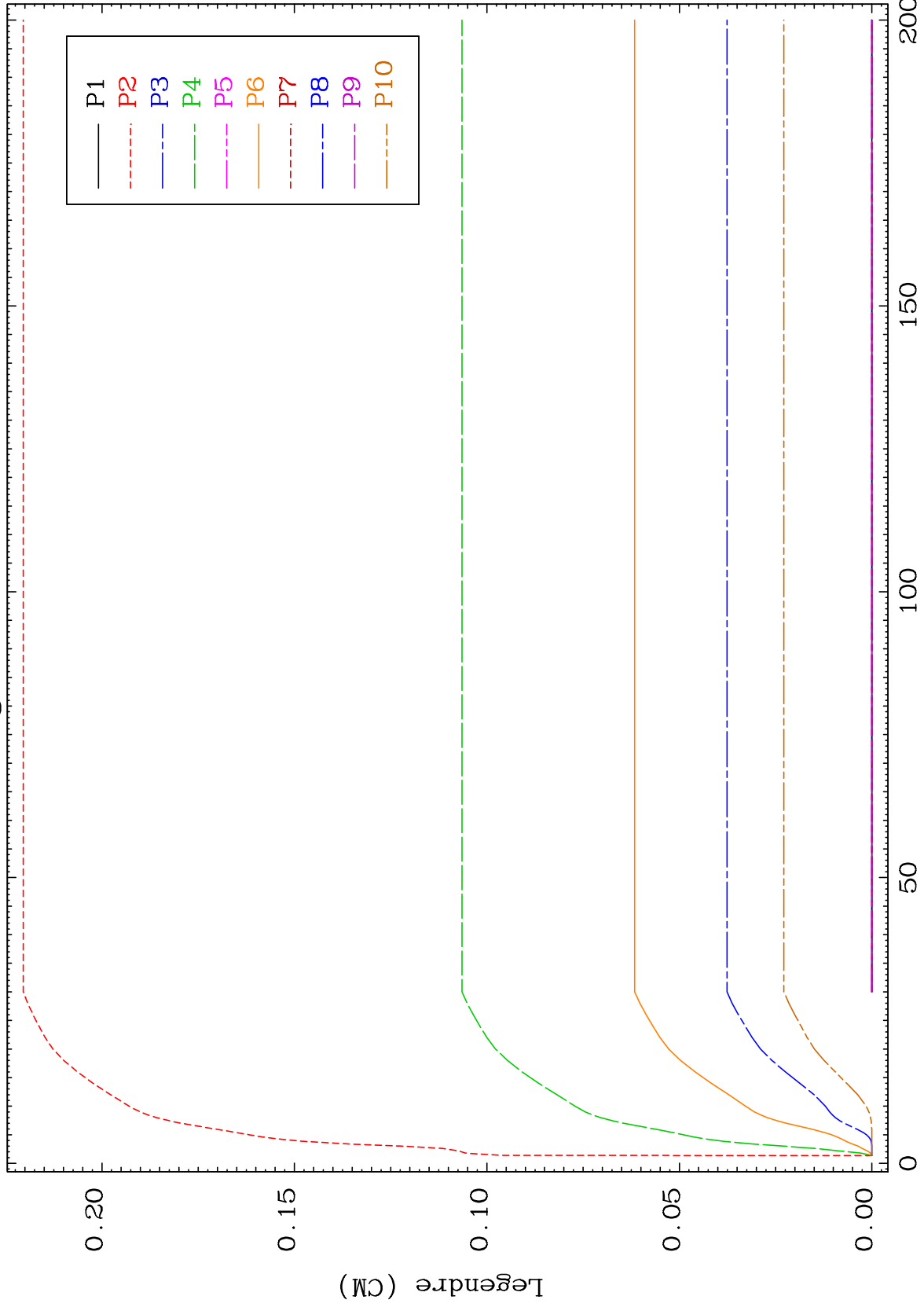
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



27

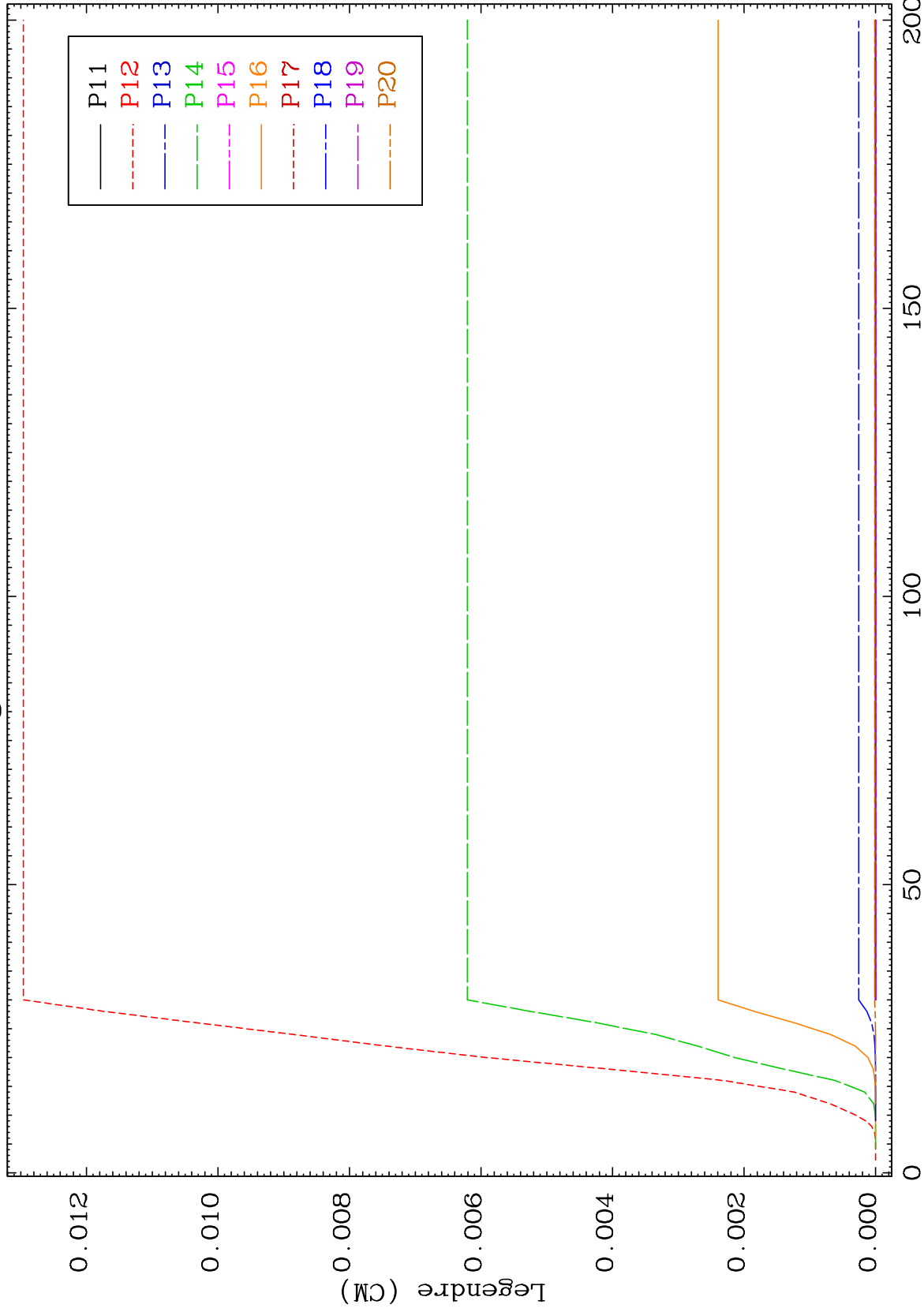
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



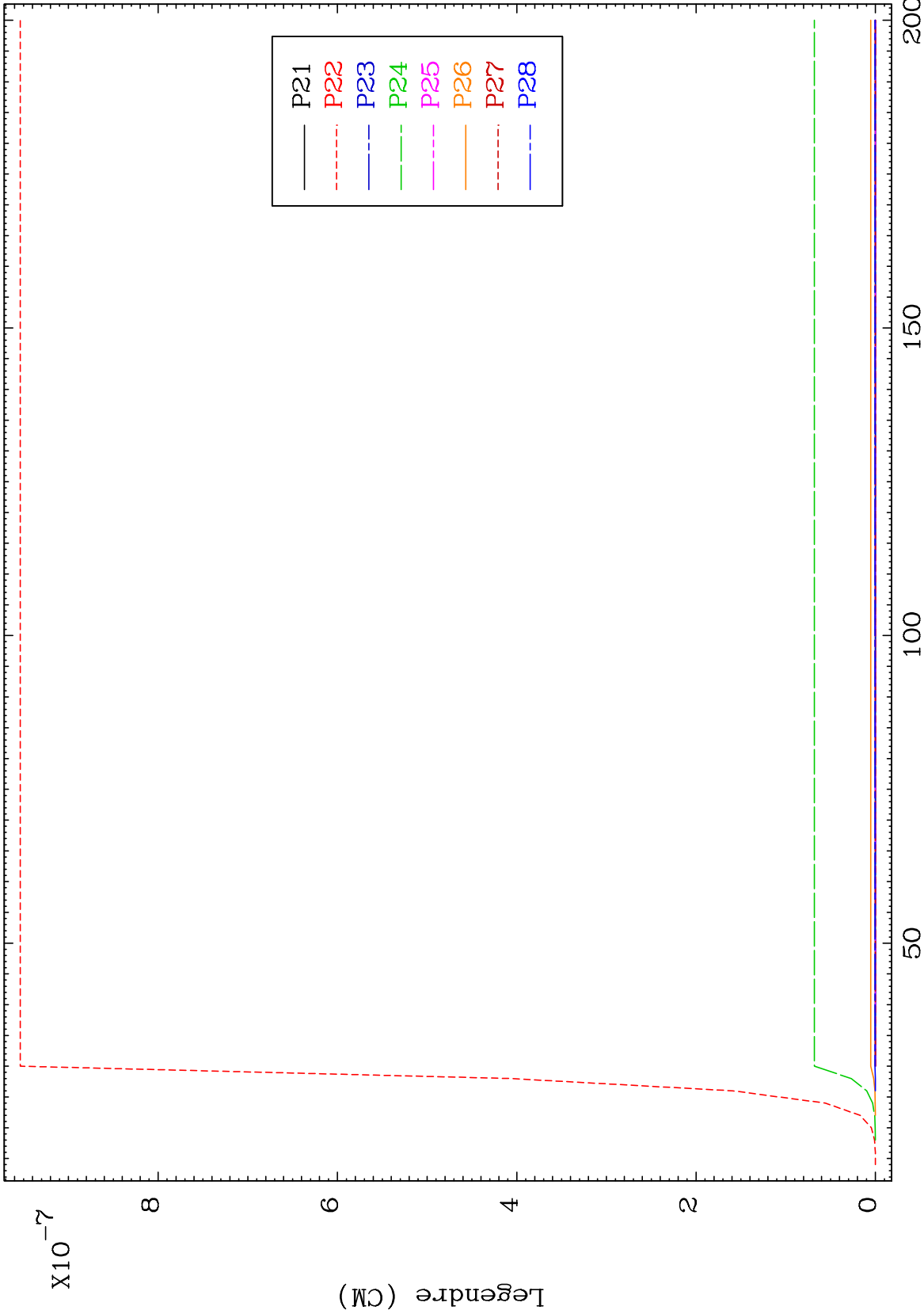
28

42-Mo-96

MAT 4237

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

42-Mo-96



29

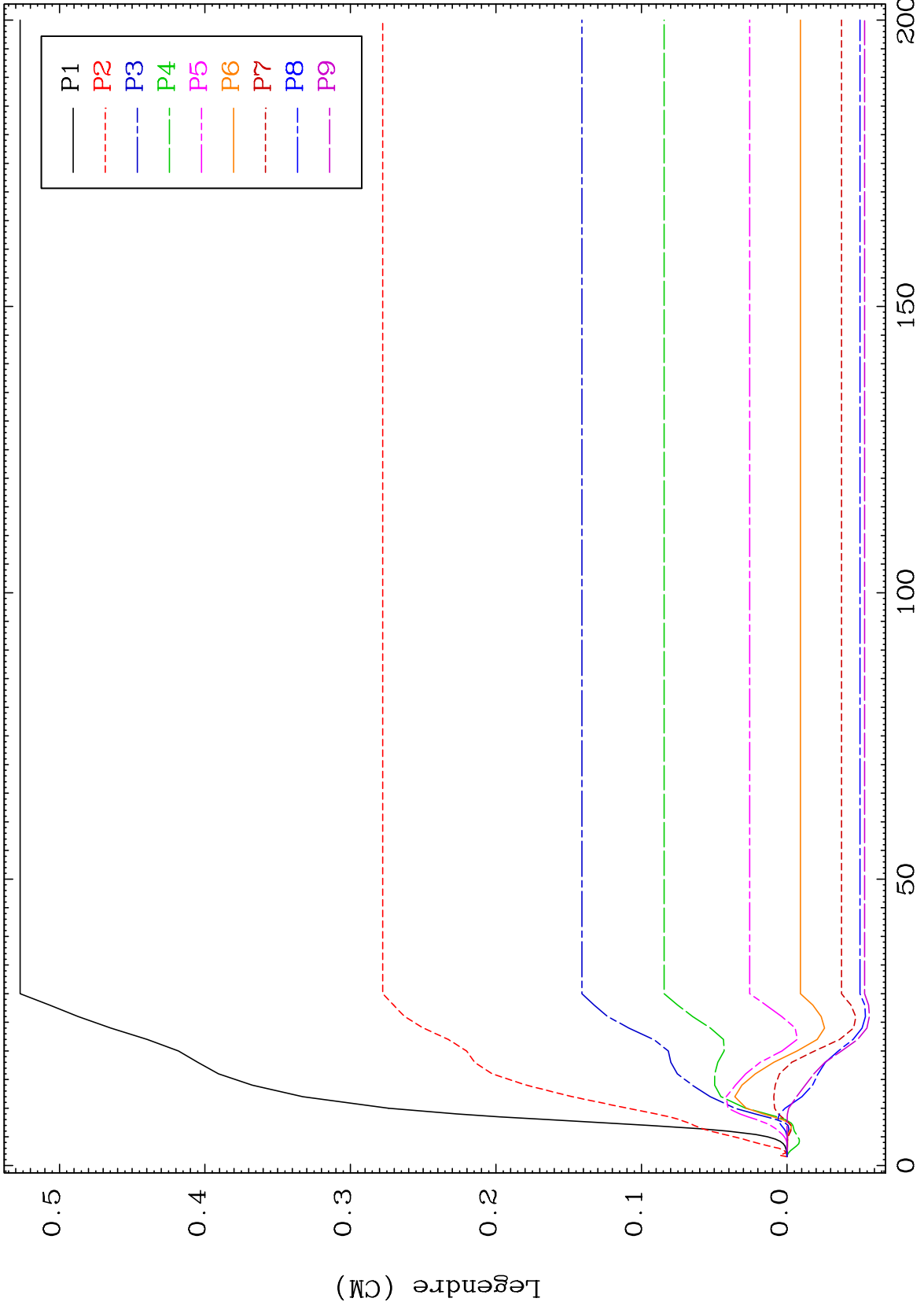
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



30

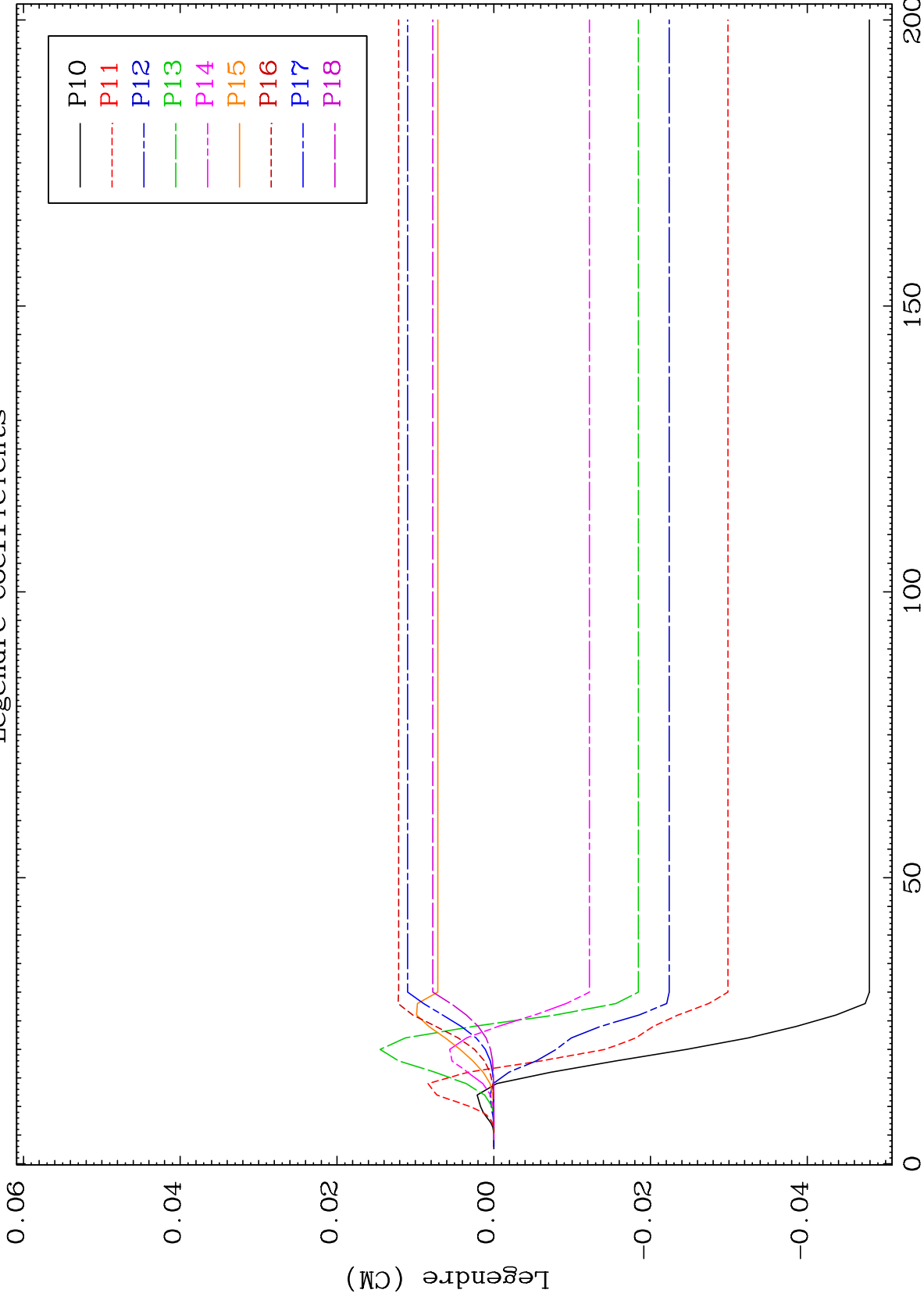
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



31

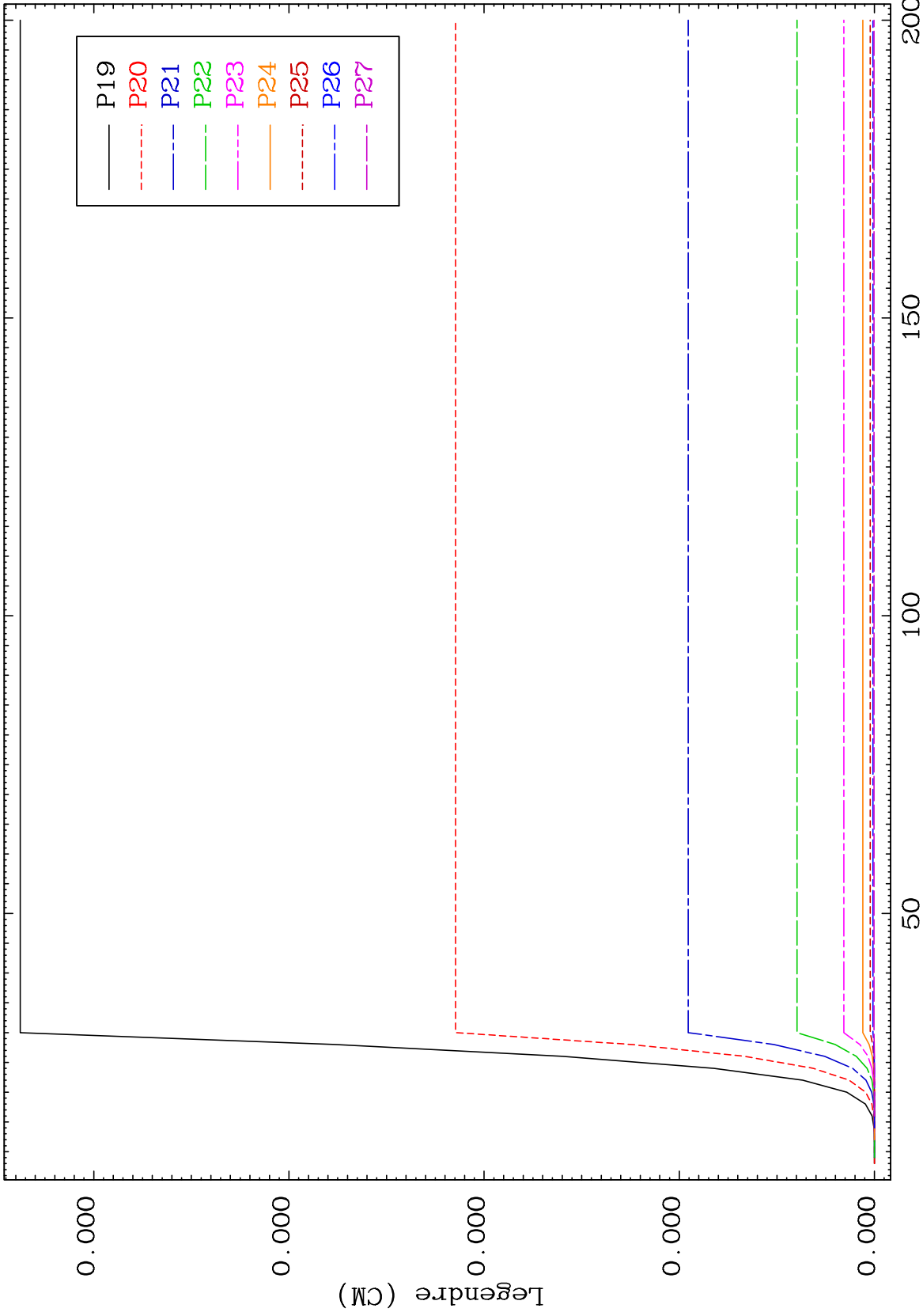
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



32

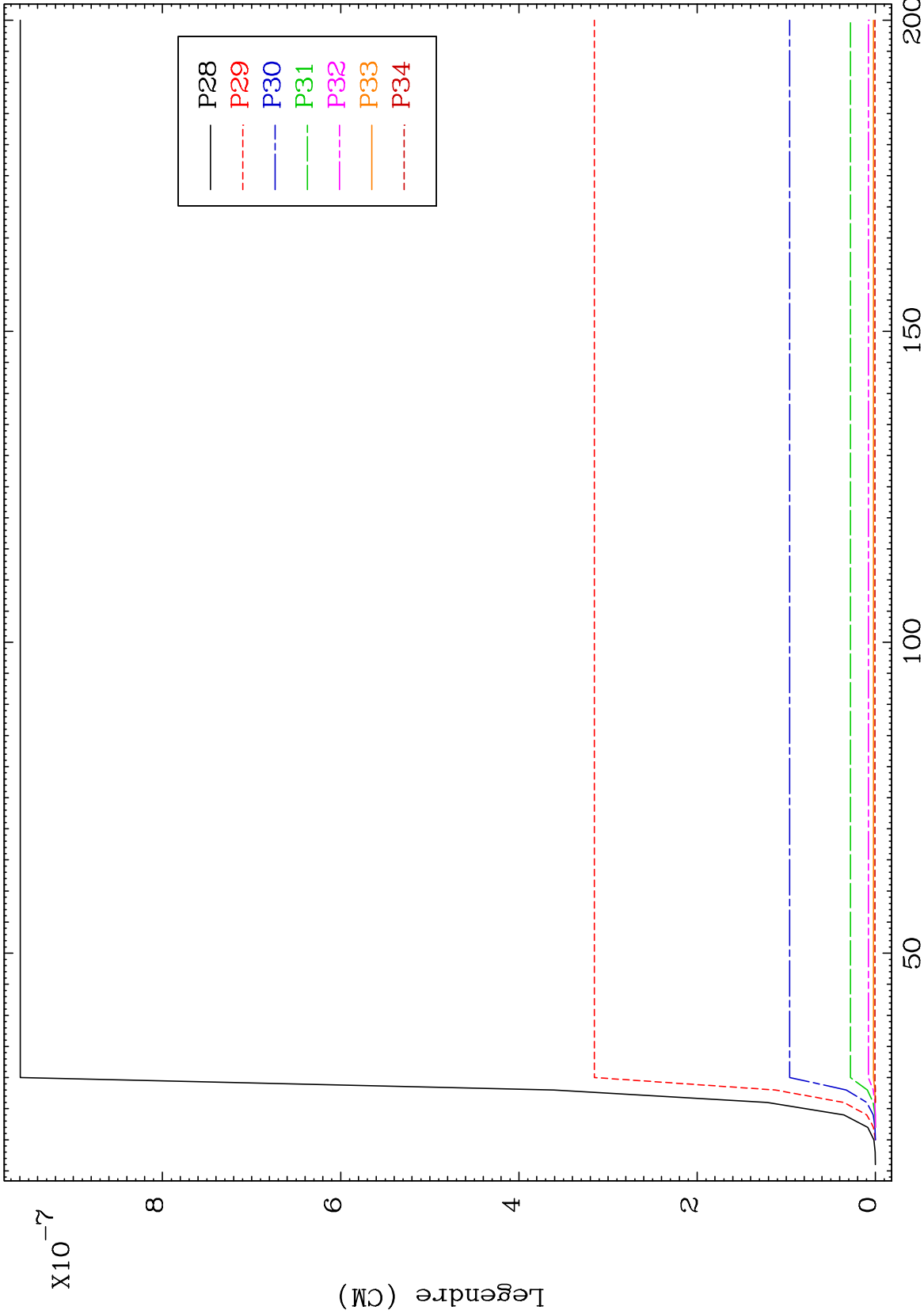
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

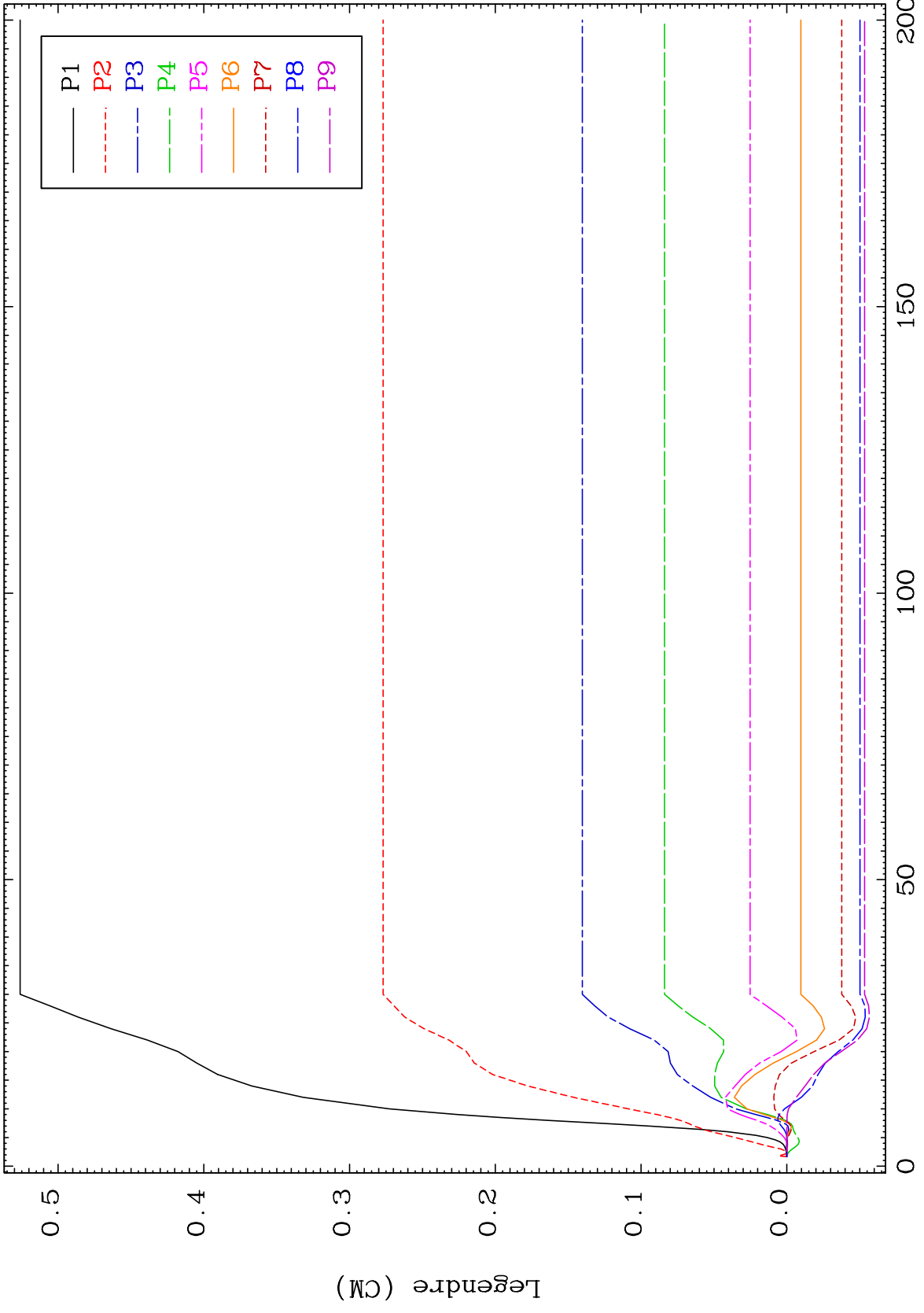
42-Mo-96



33

Incident Energy (MeV)

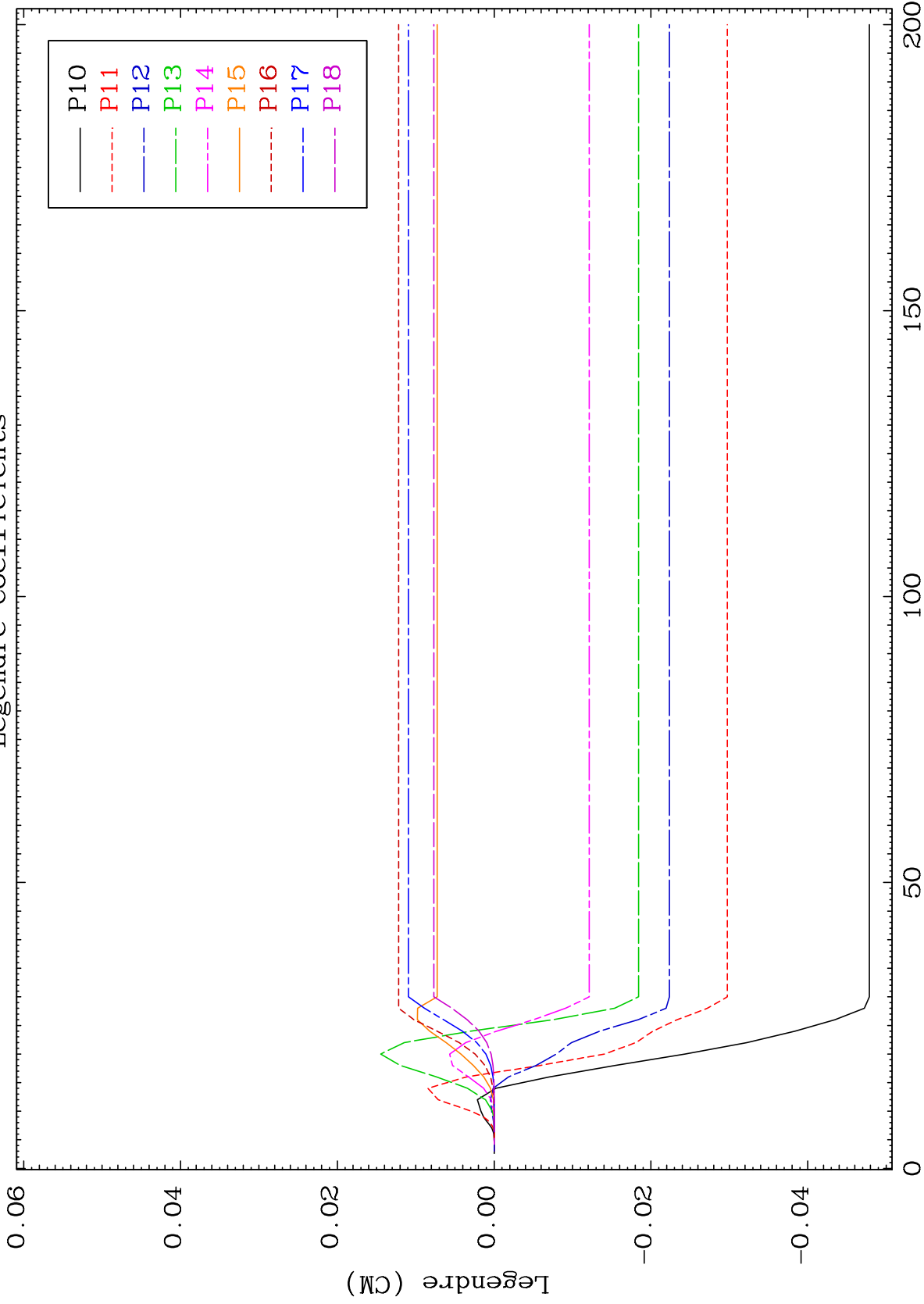
42-Mo-96



MAT 4237

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

42-Mo-96



35

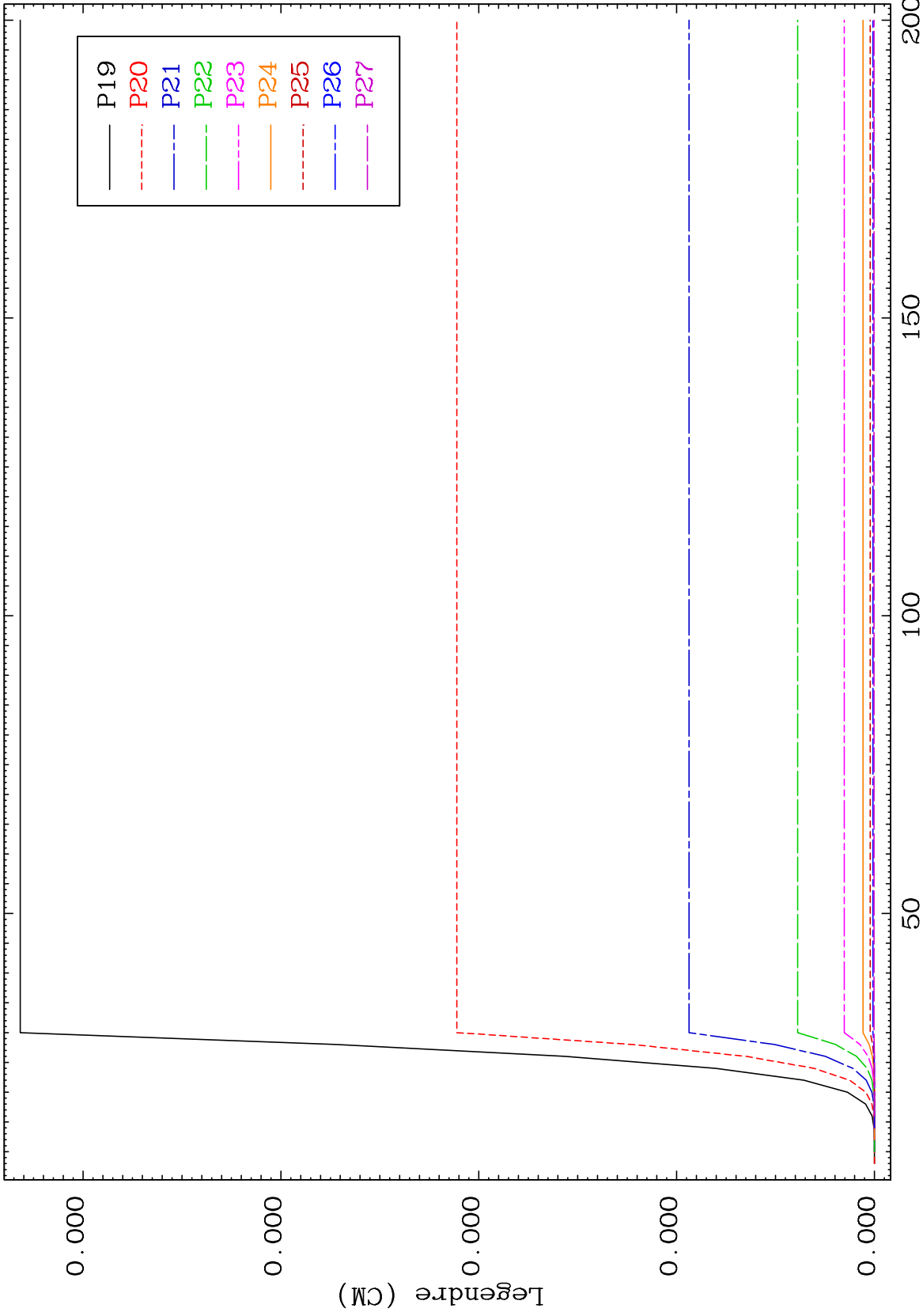
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



36

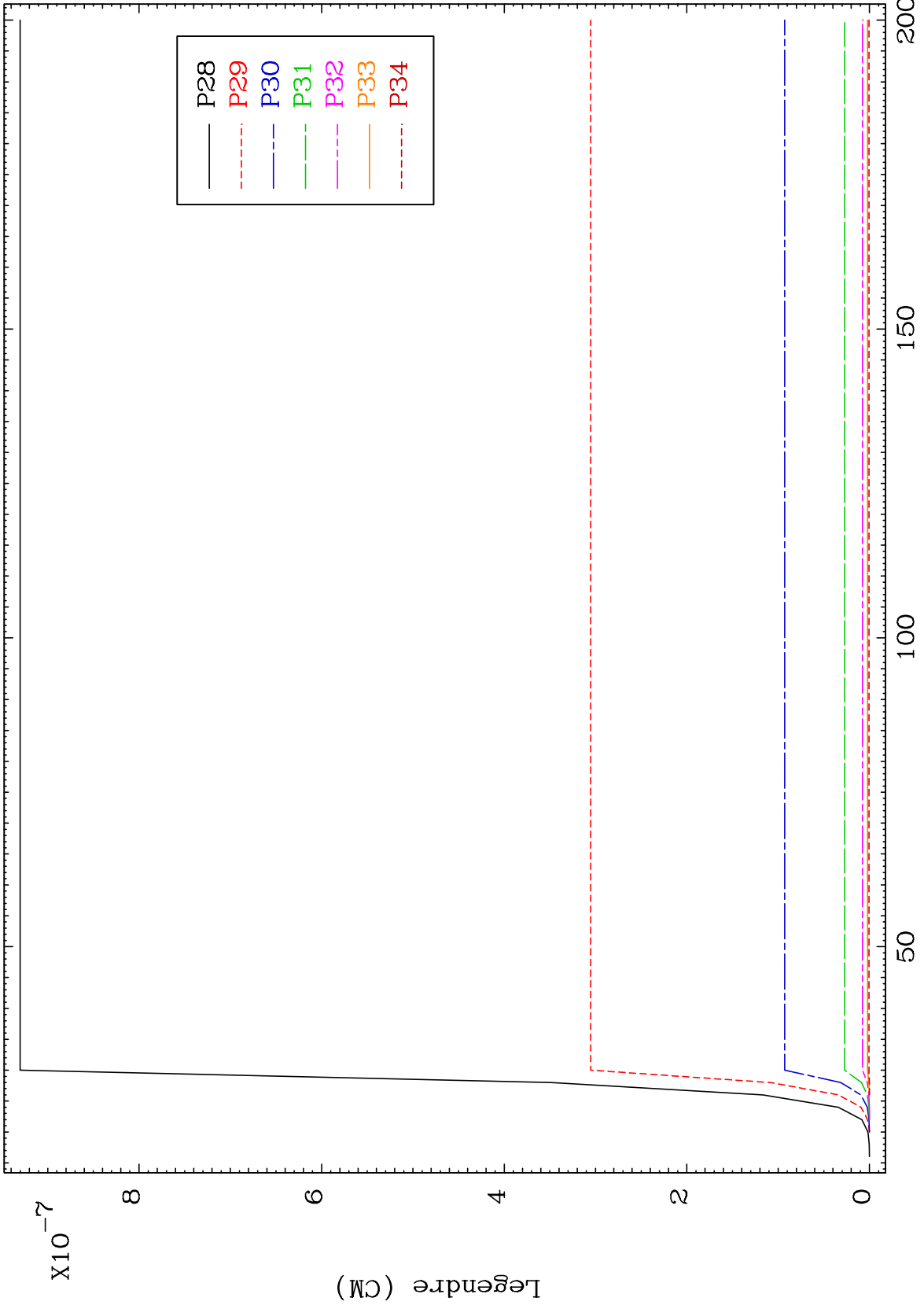
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



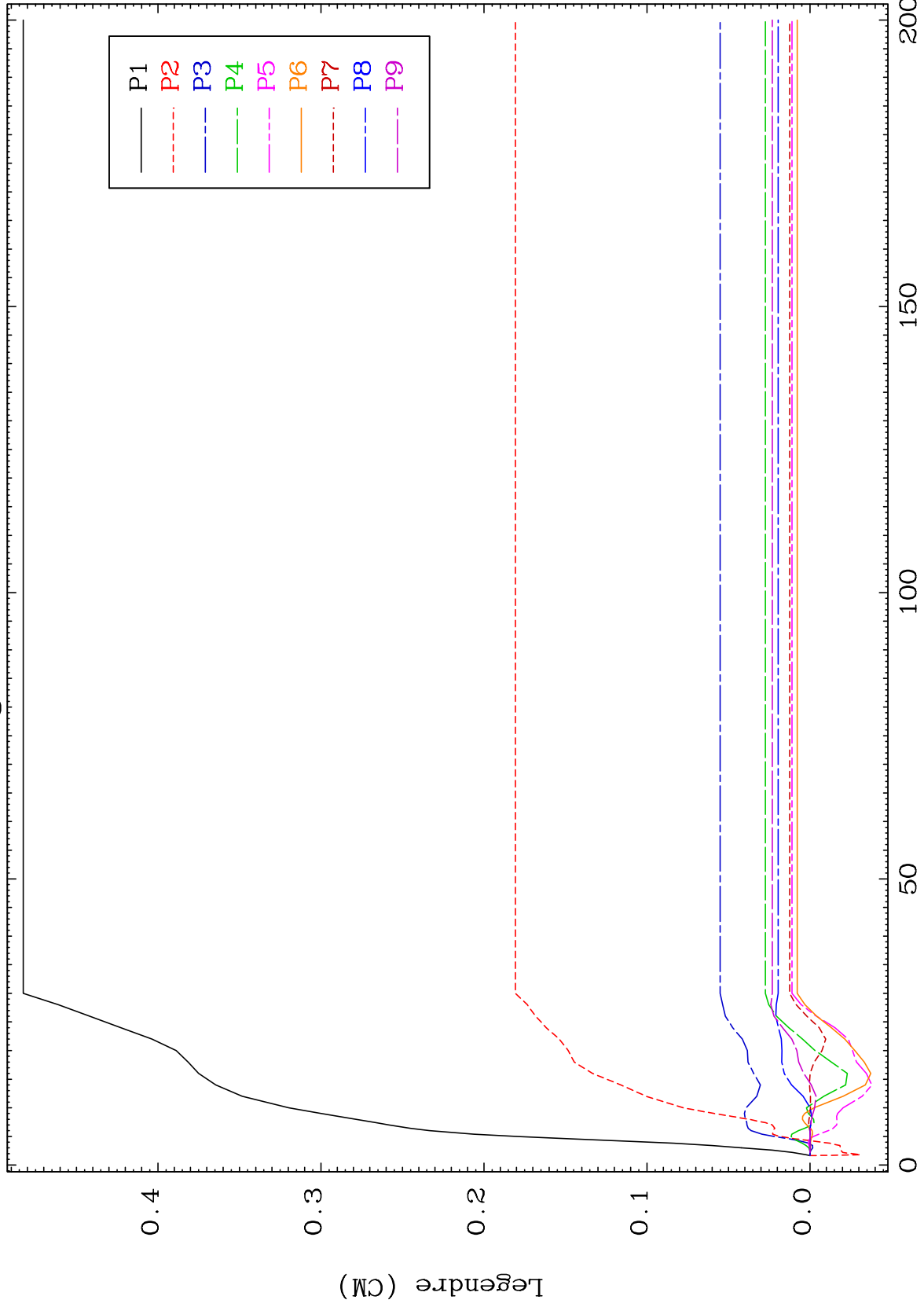
37

42-Mo-96

MAT 4237

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

42-Mo-96



38

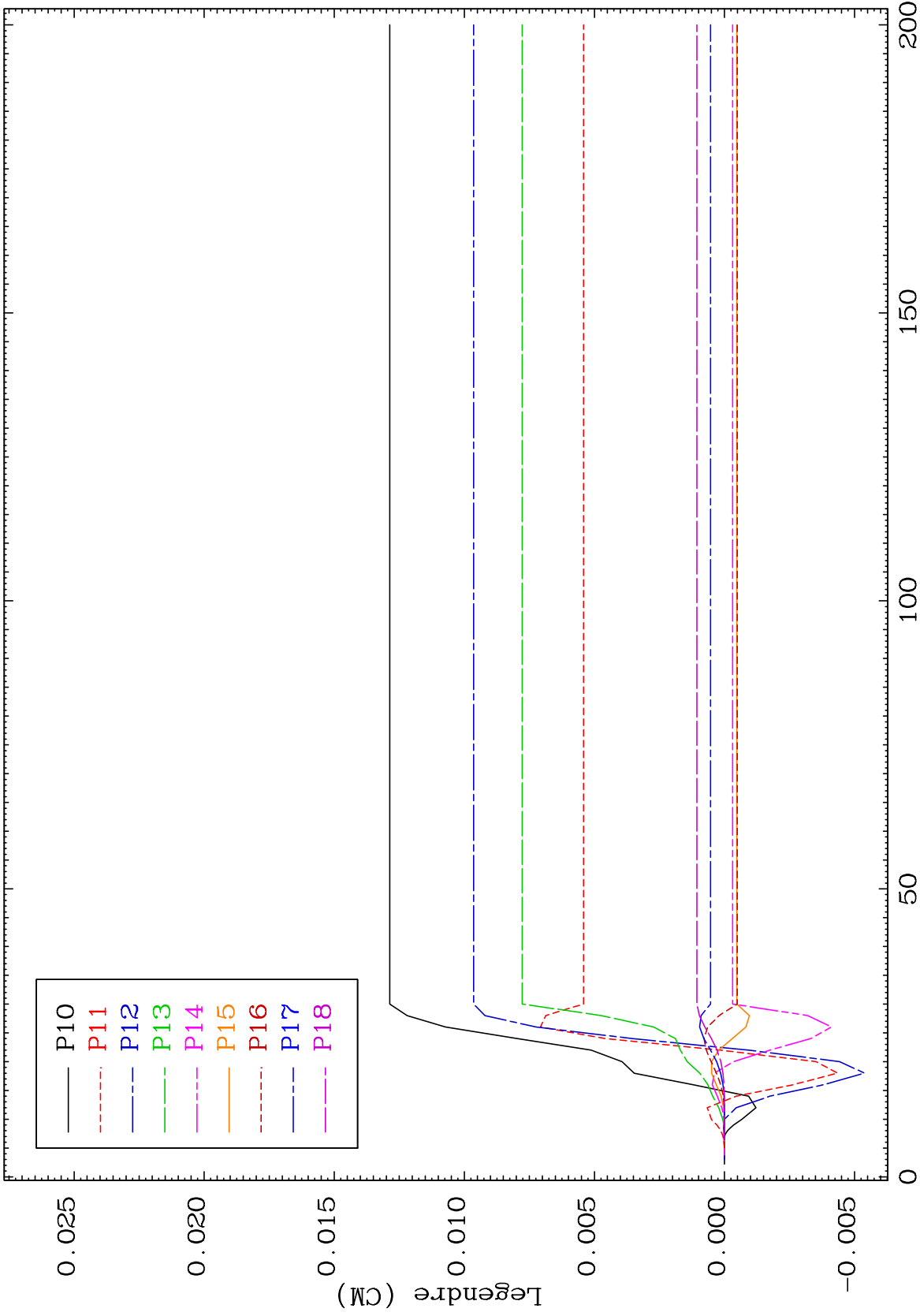
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



39

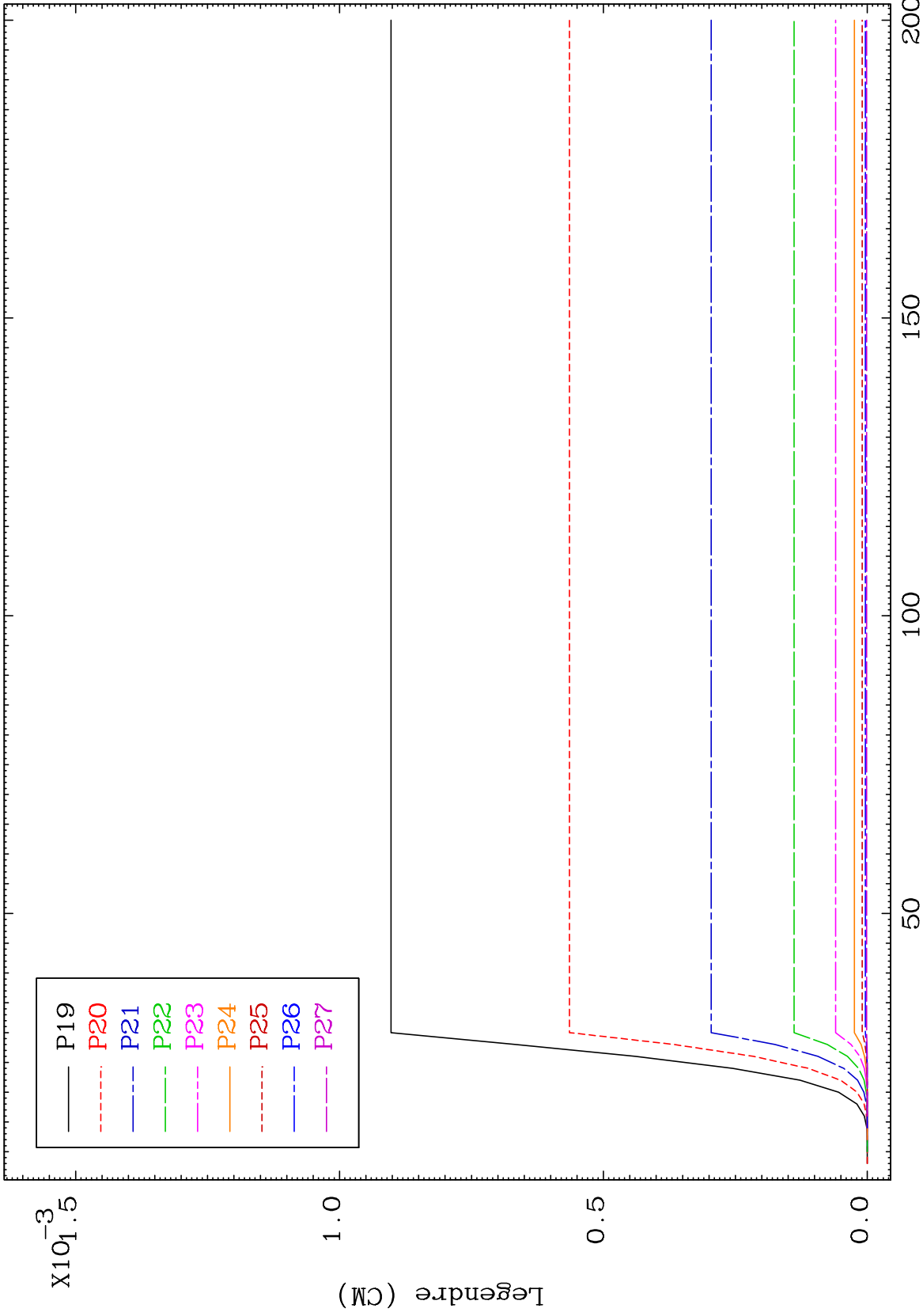
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



40

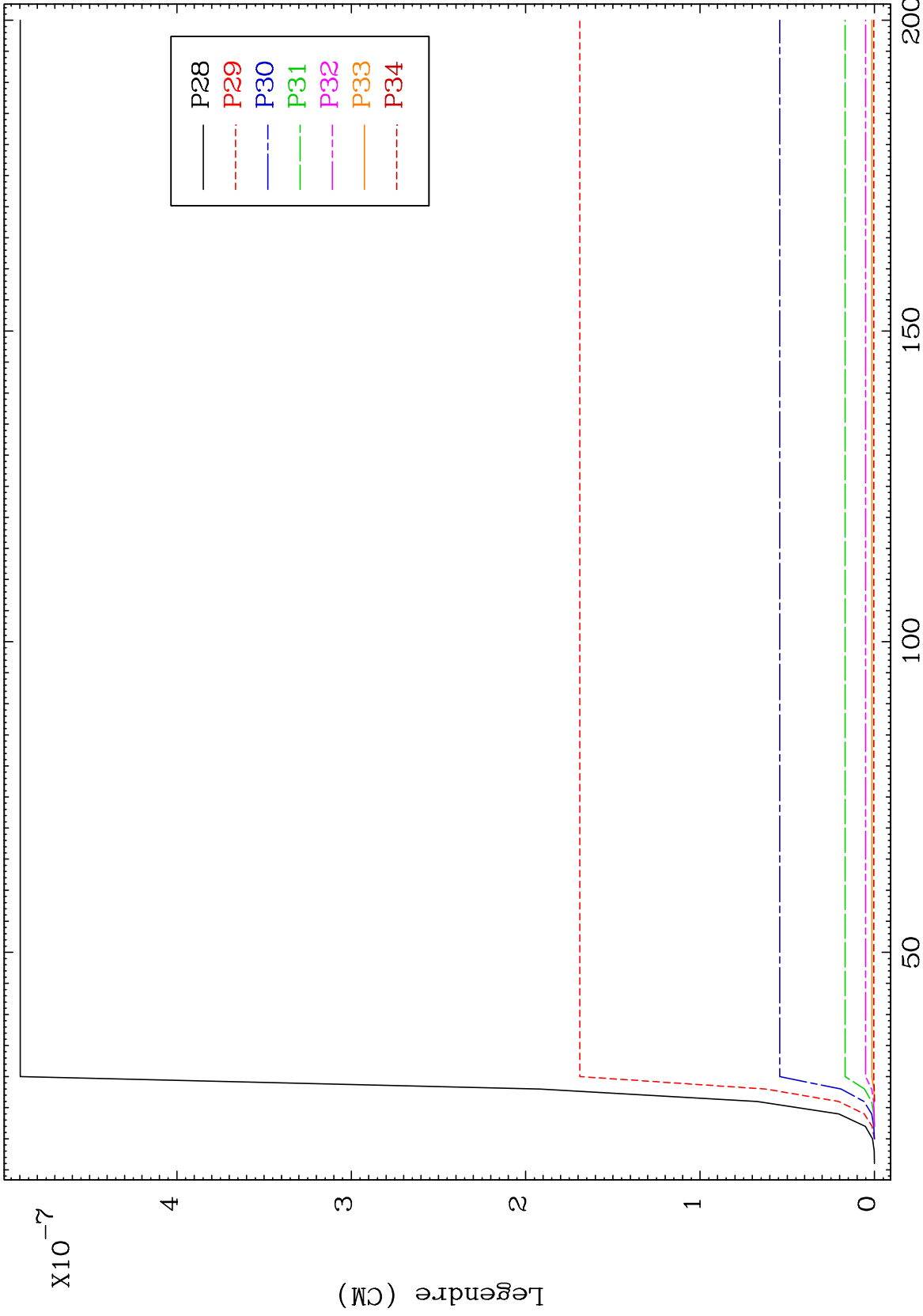
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



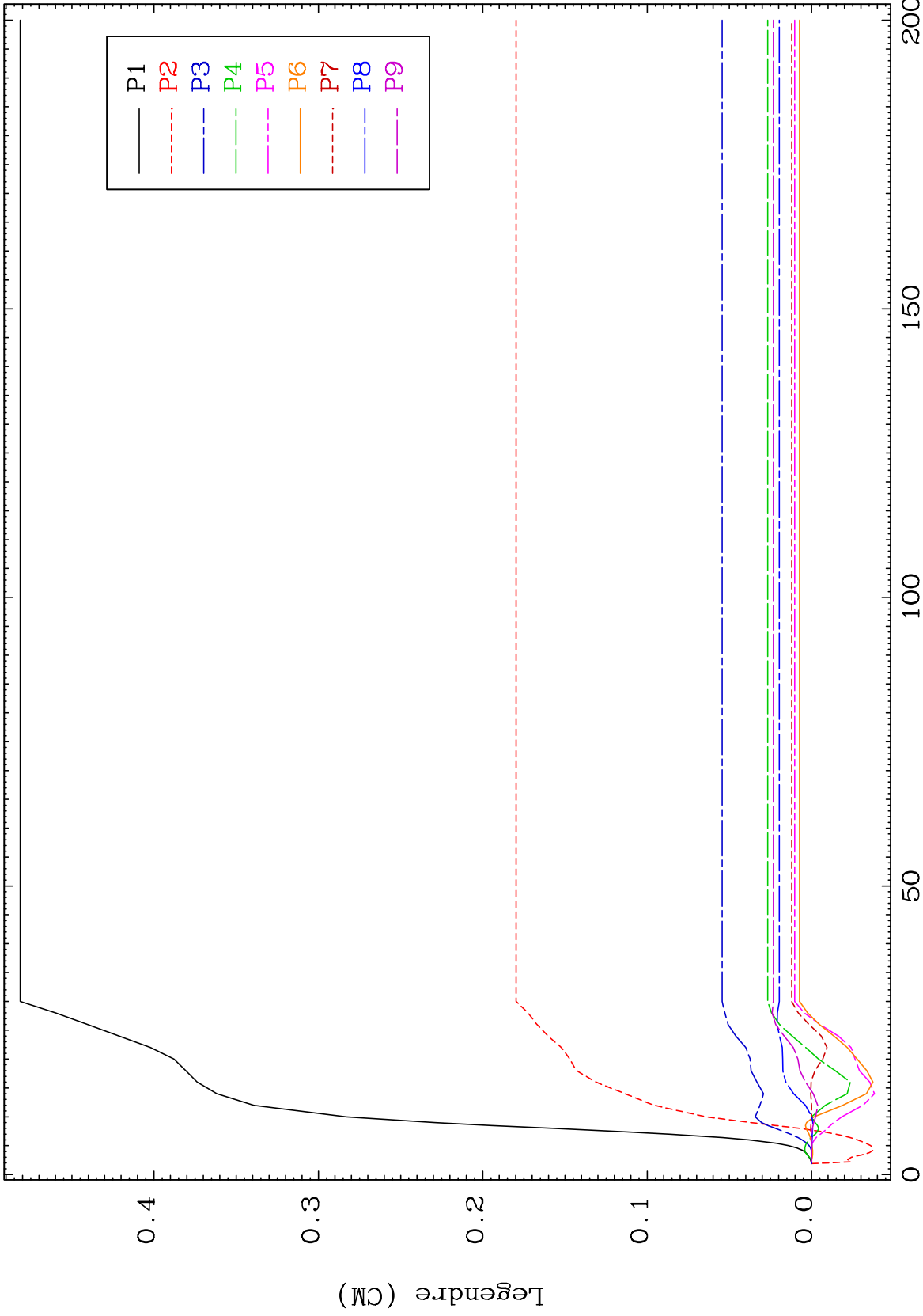
41

42-Mo-96

MAT 4237

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

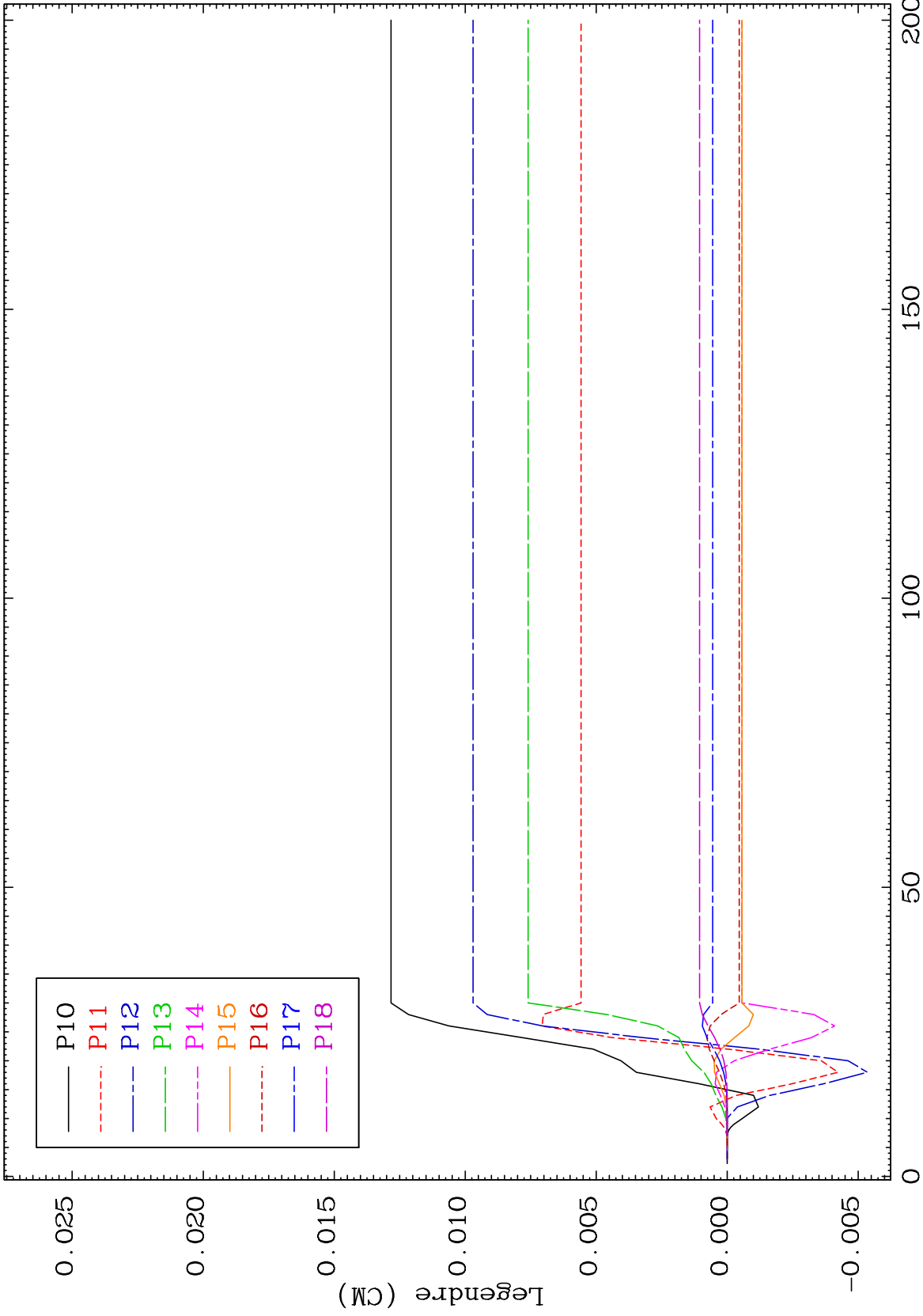
42-Mo-96



42

Incident Energy (MeV)

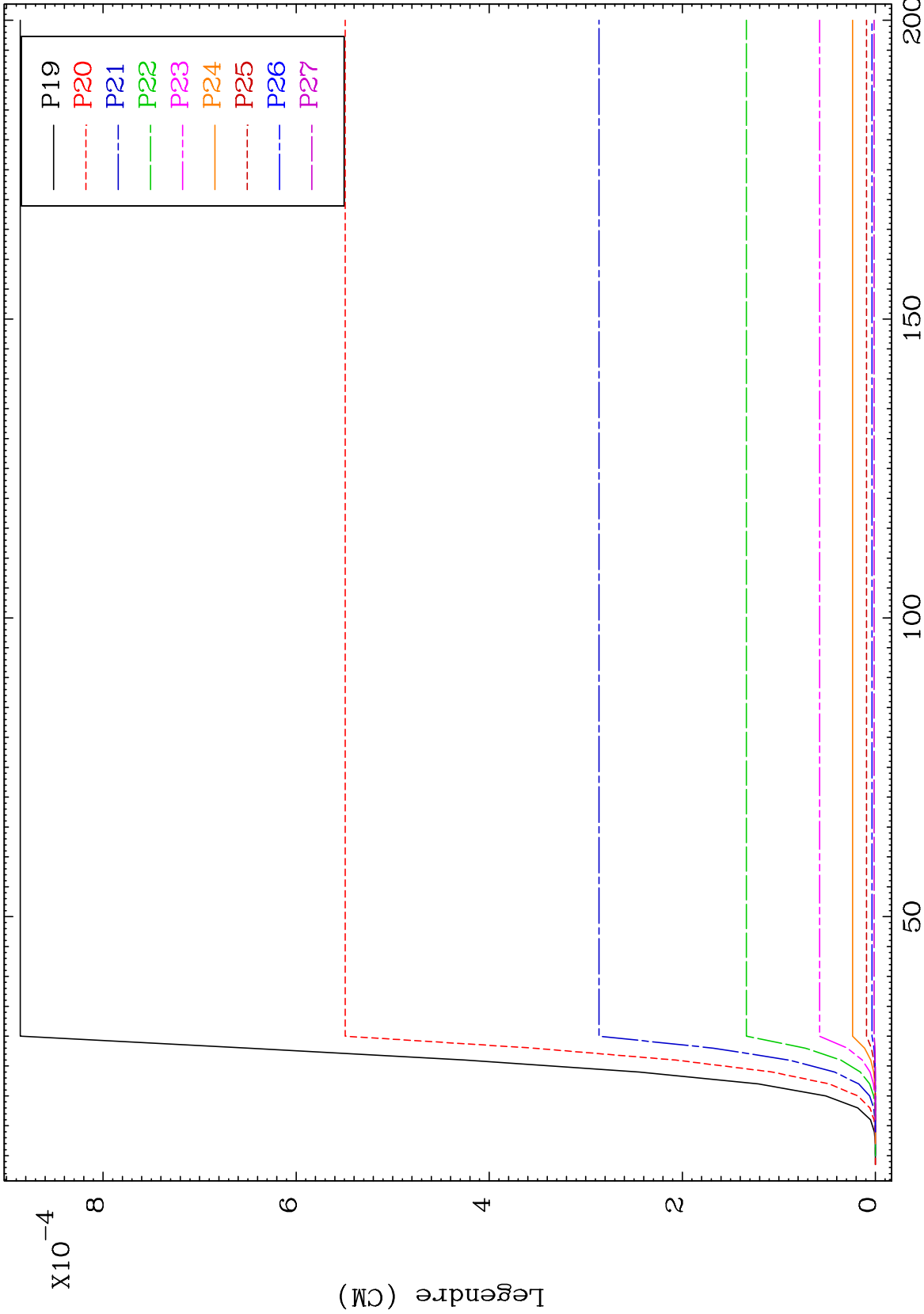
42-Mo-96



MAT 4237

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

42-Mo-96



44

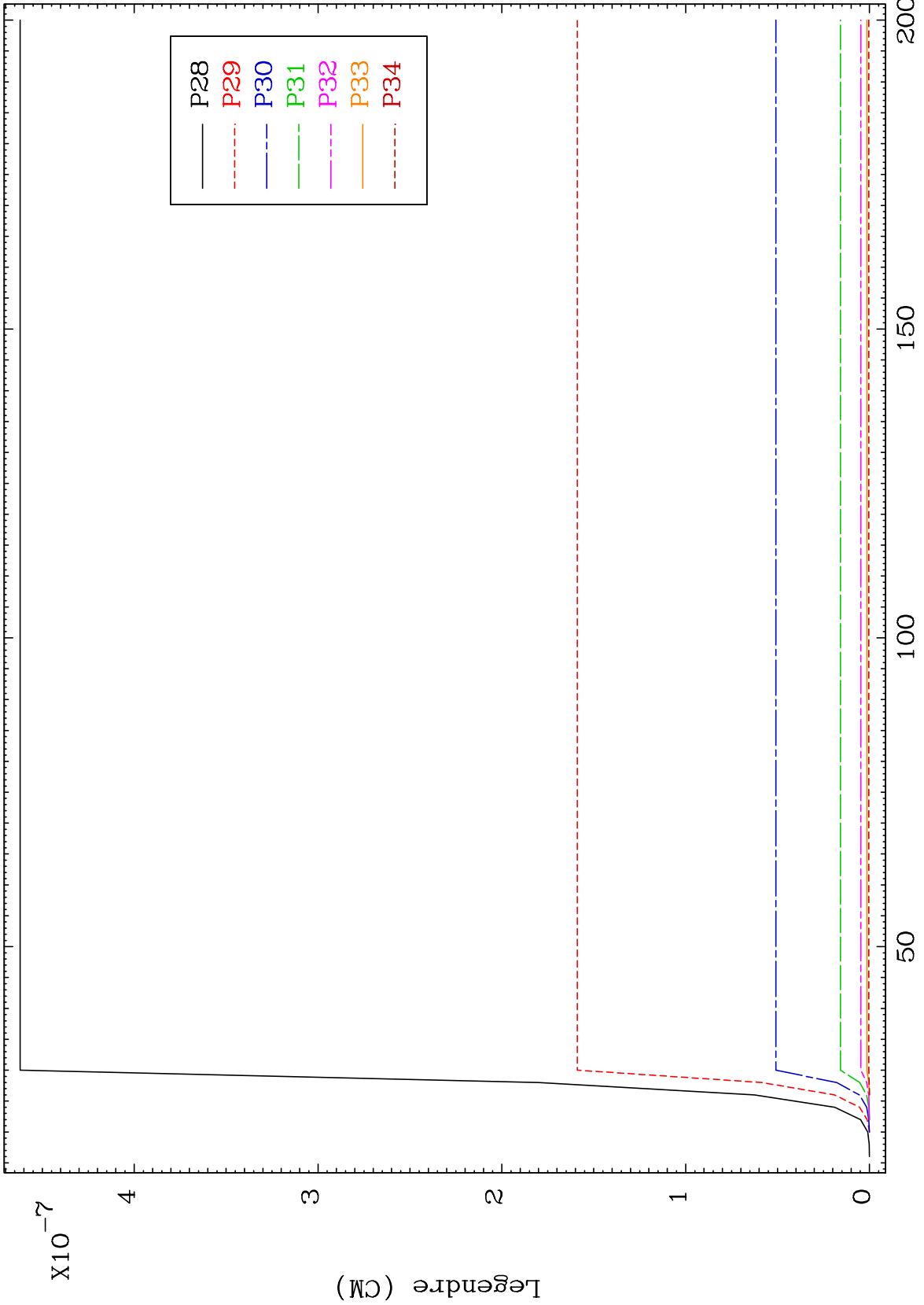
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



45

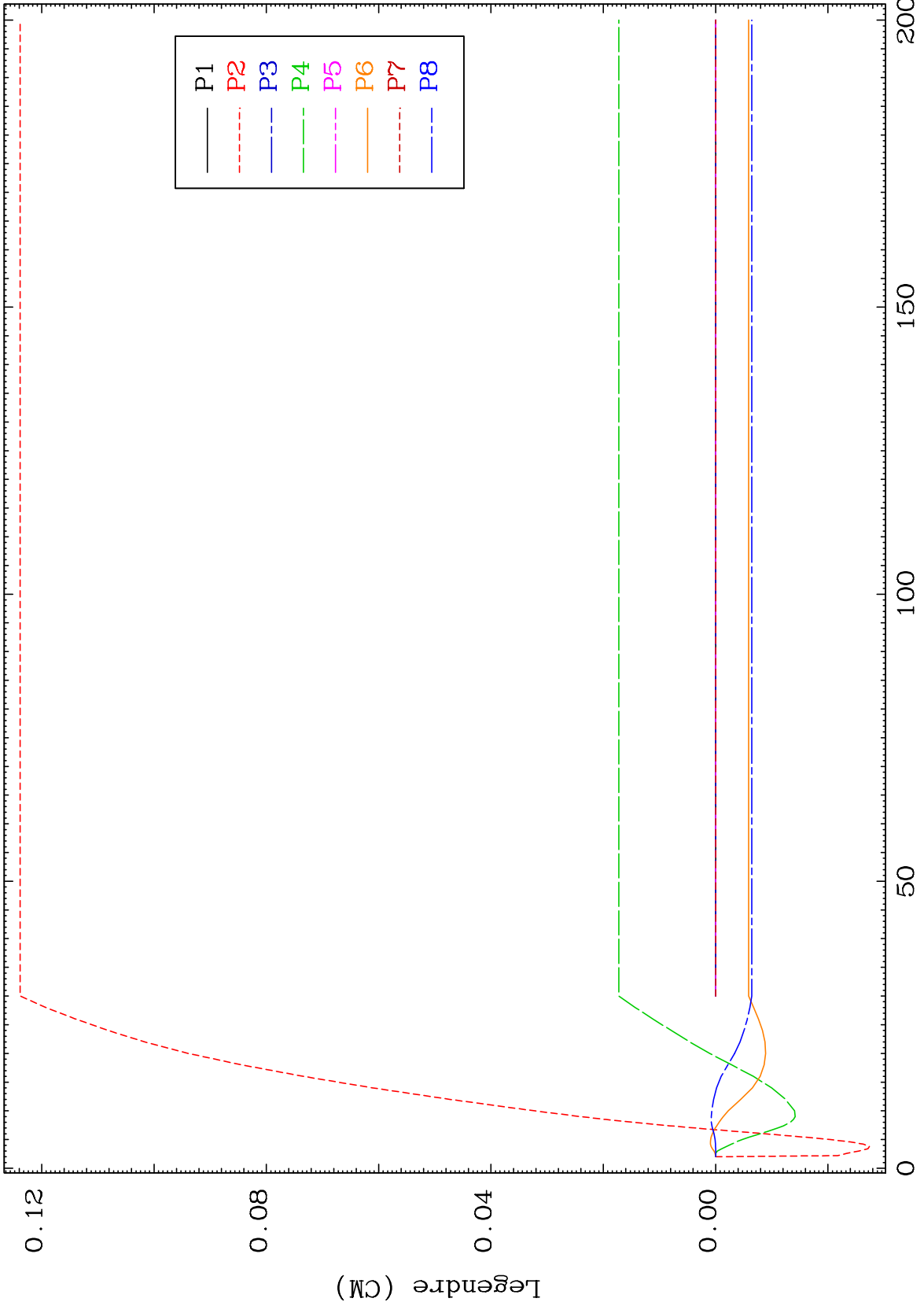
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



46

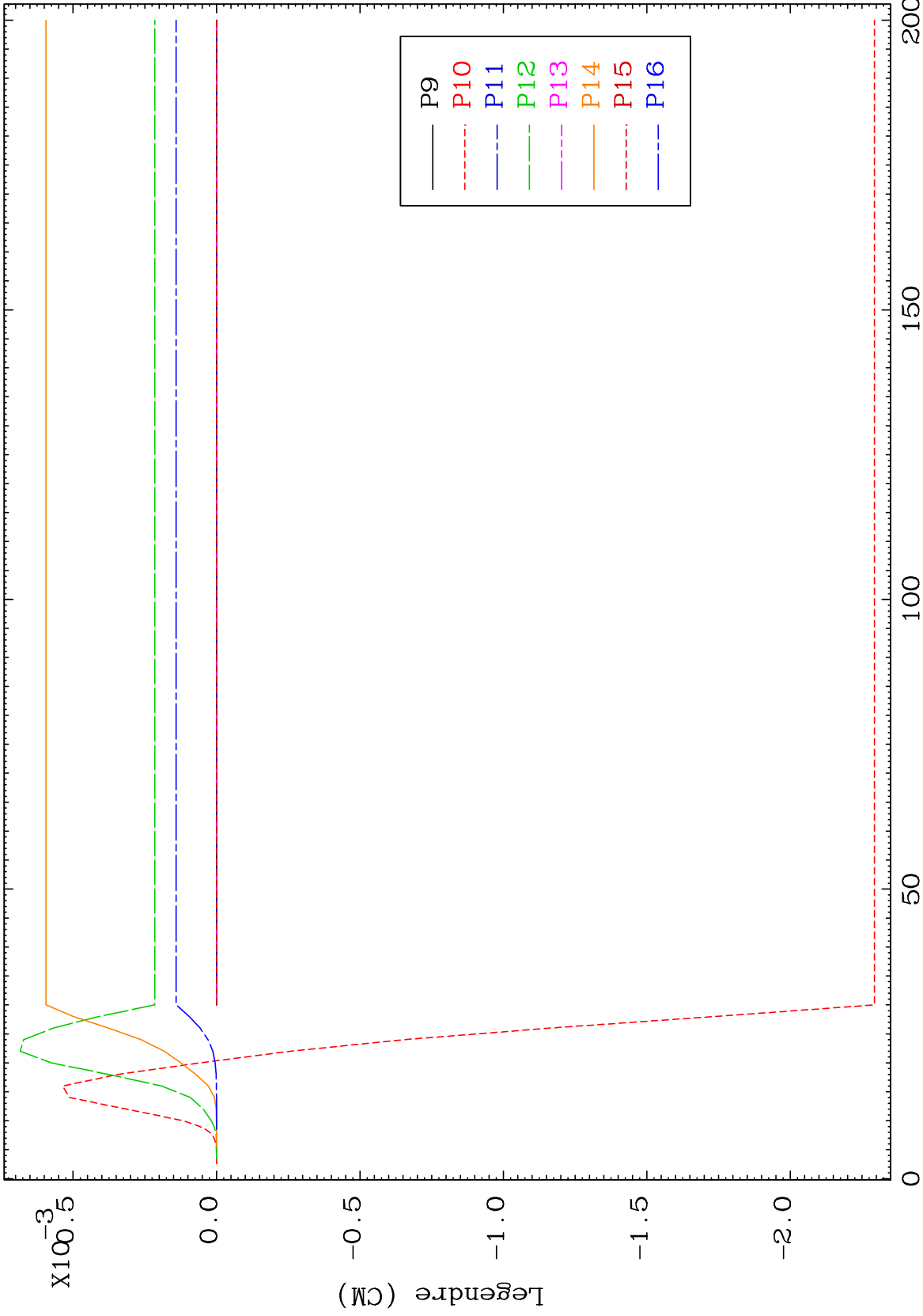
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



47

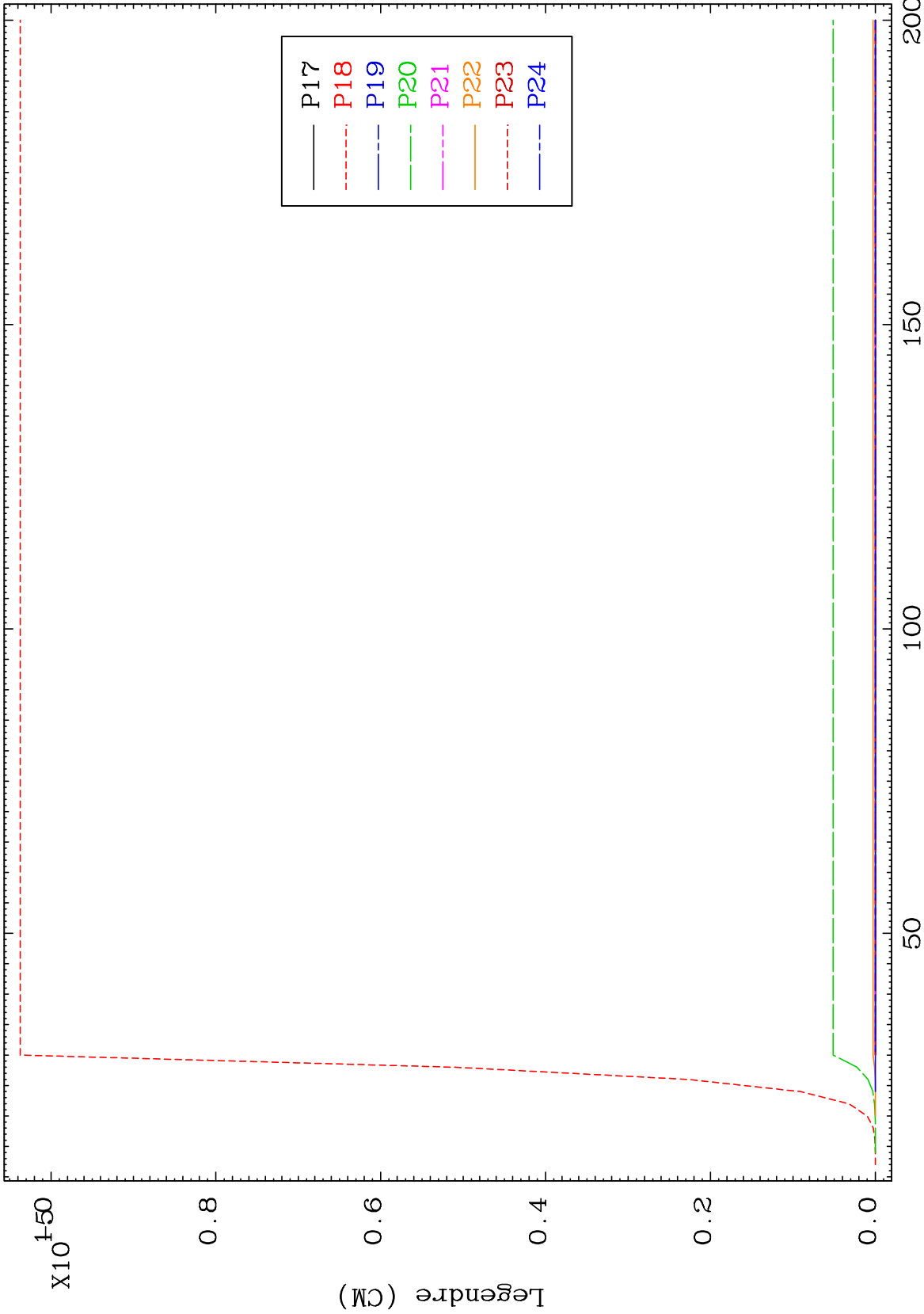
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

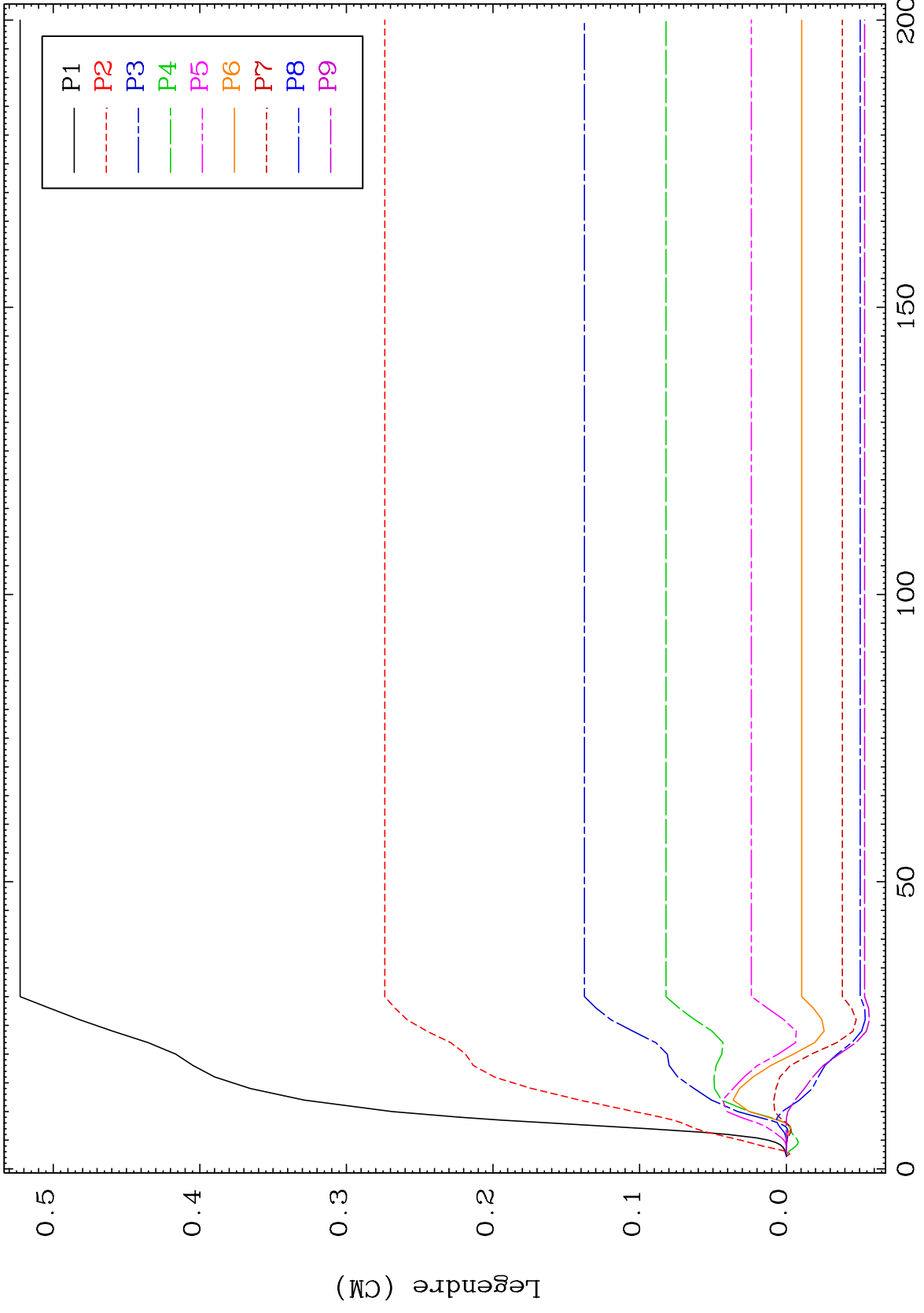
42-Mo-96



48

Incident Energy (MeV)

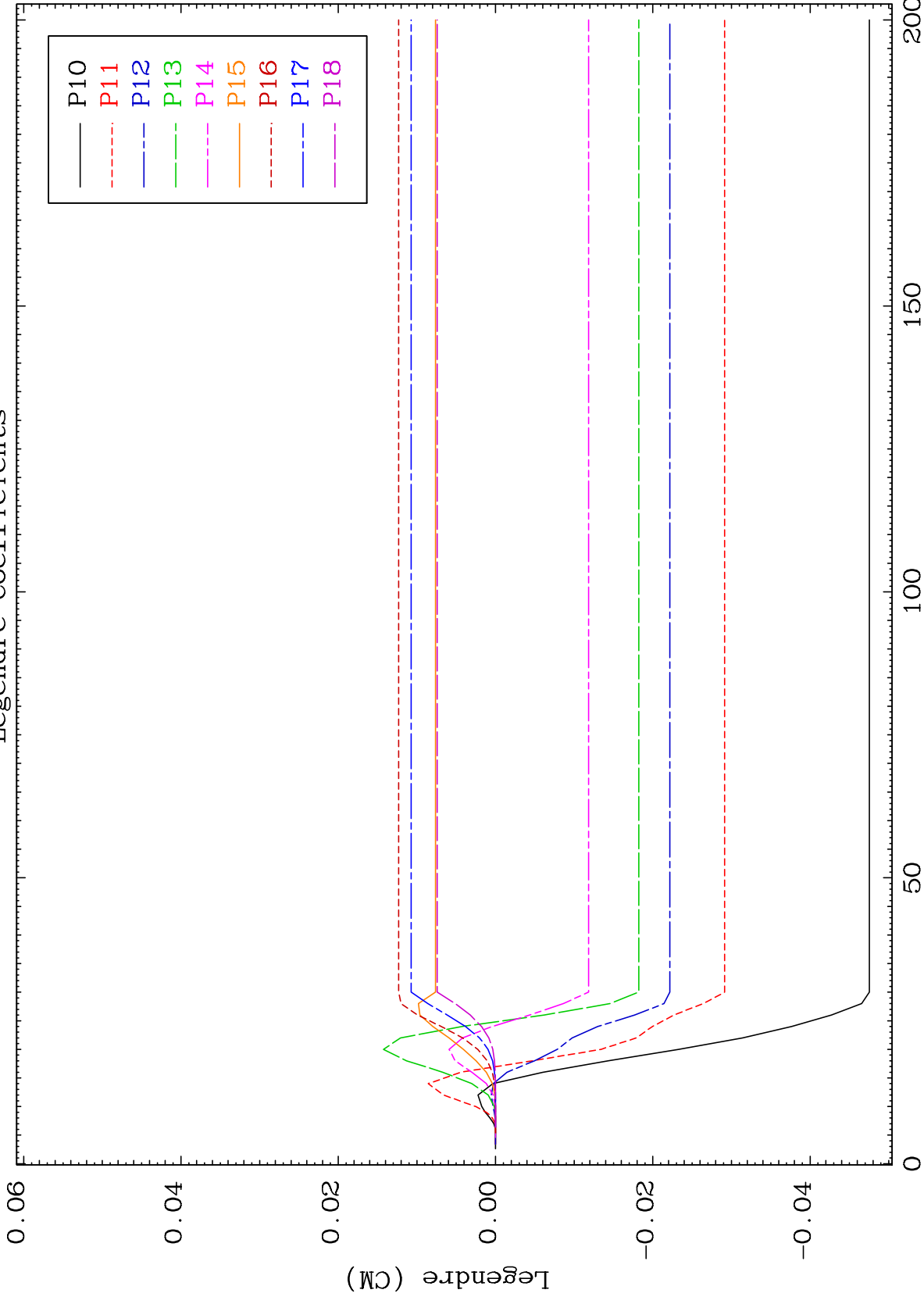
42-Mo-96



MAT 4237

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

42-Mo-96



50

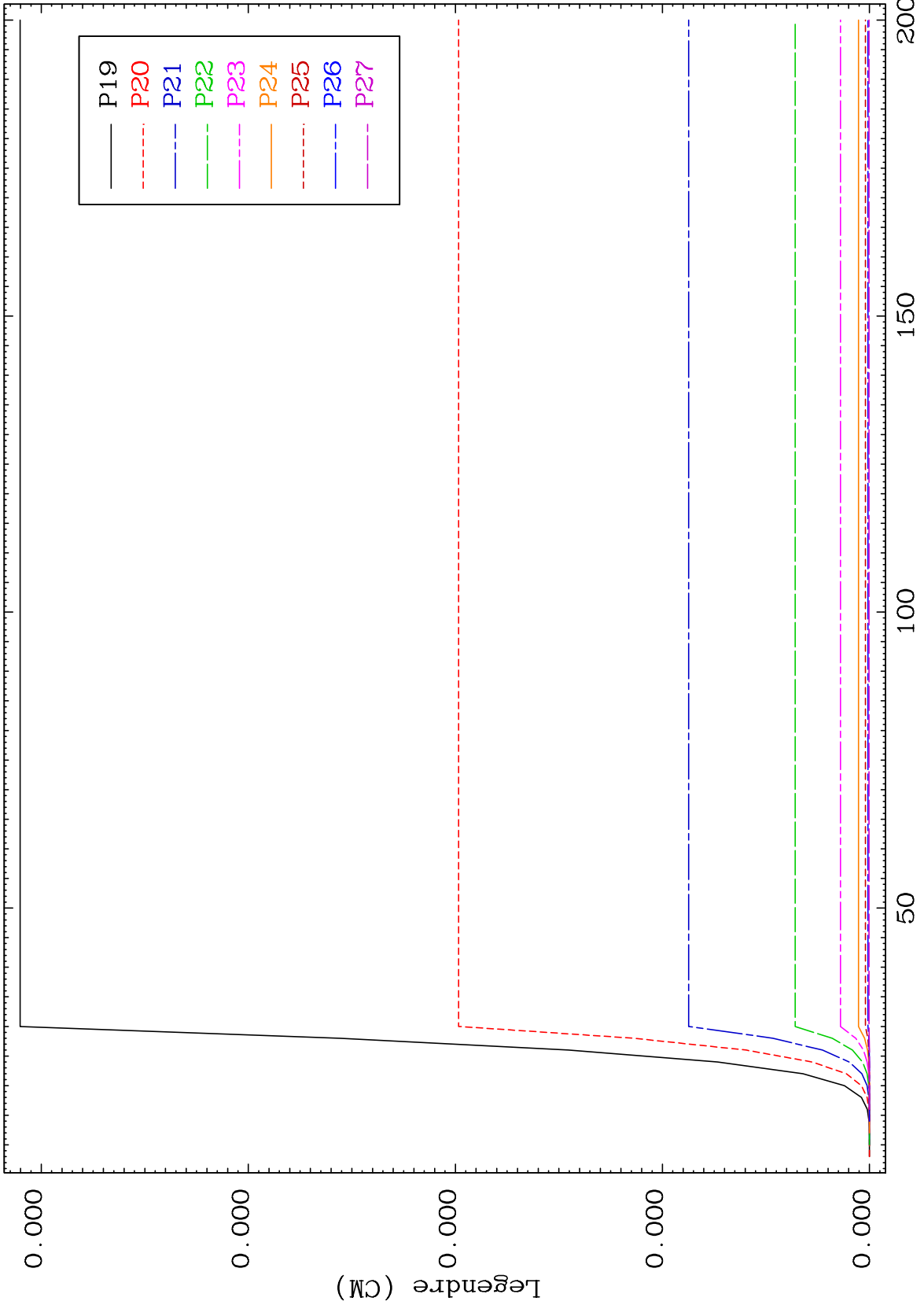
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



51

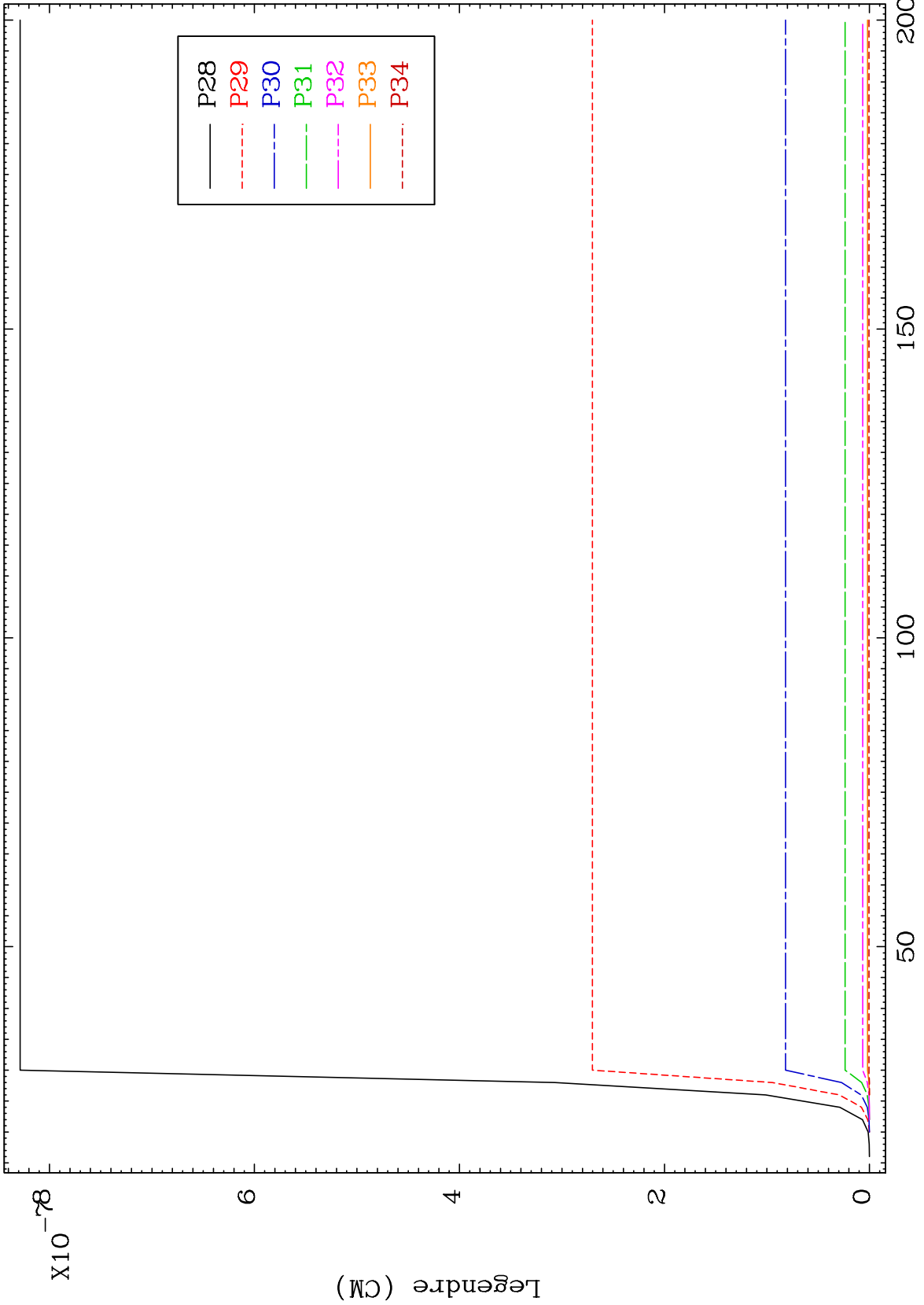
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



52

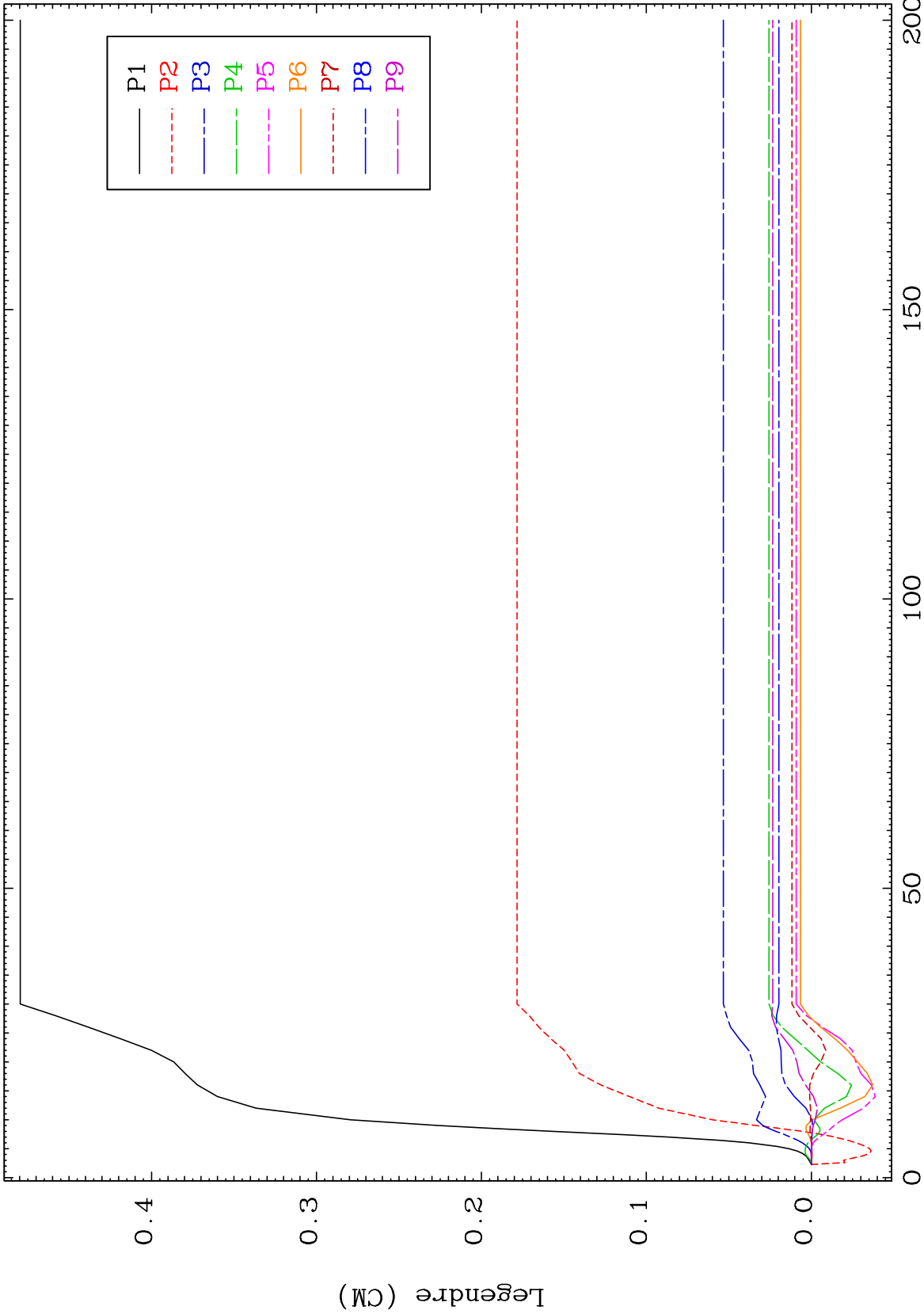
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

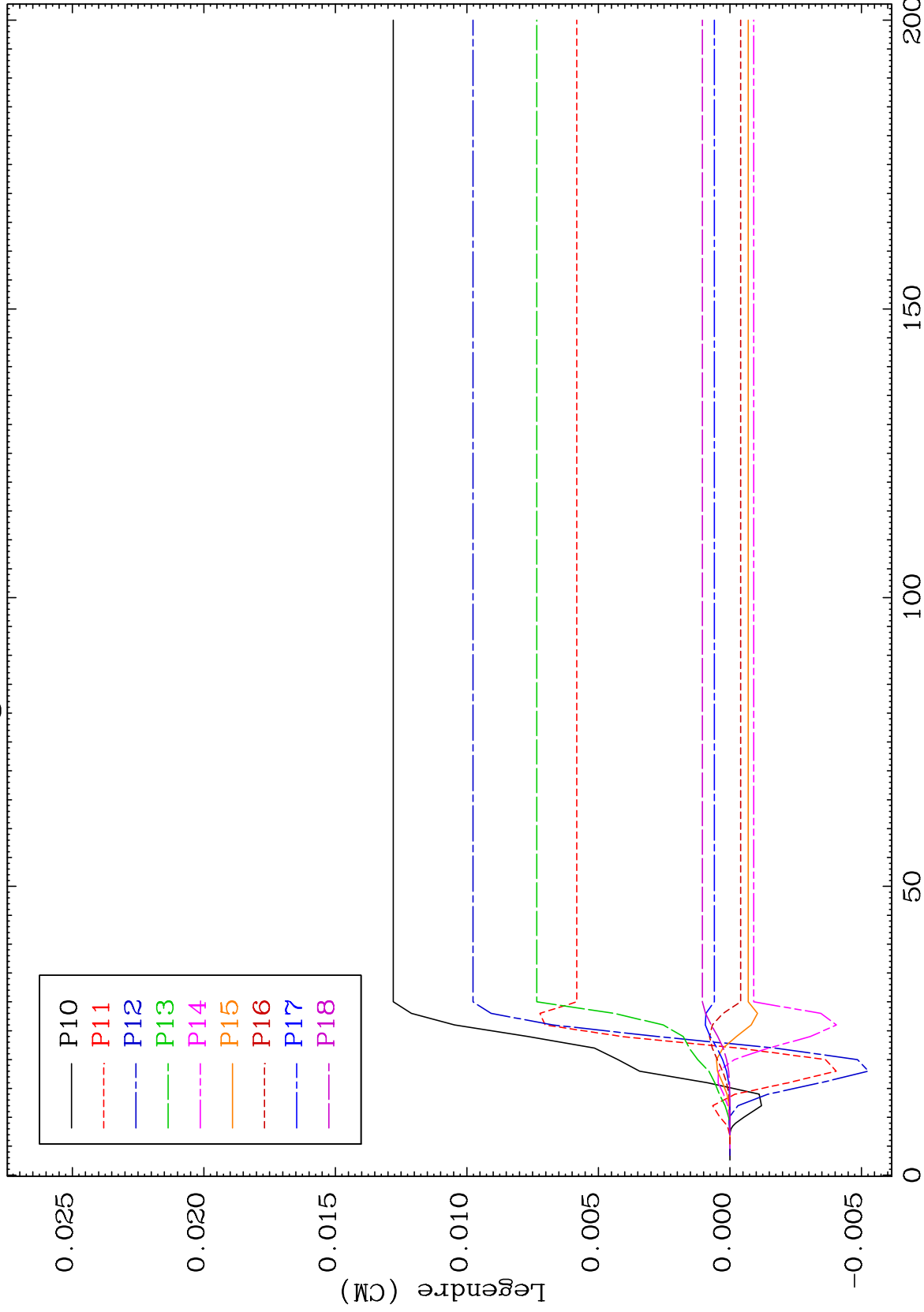
42-Mo-96



53

Incident Energy (MeV)

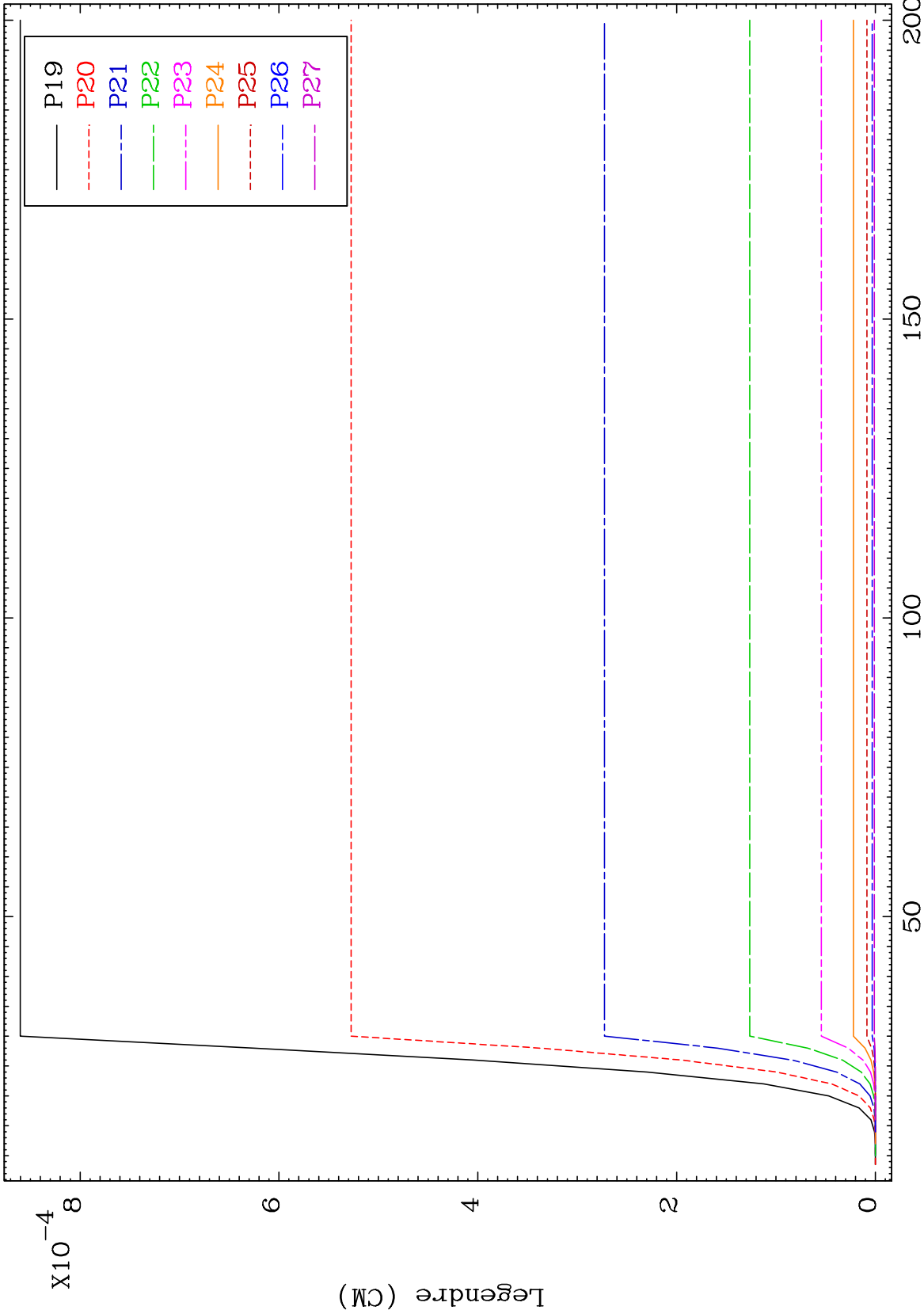
42-Mo-96



MAT 4237

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

42-Mo-96



55

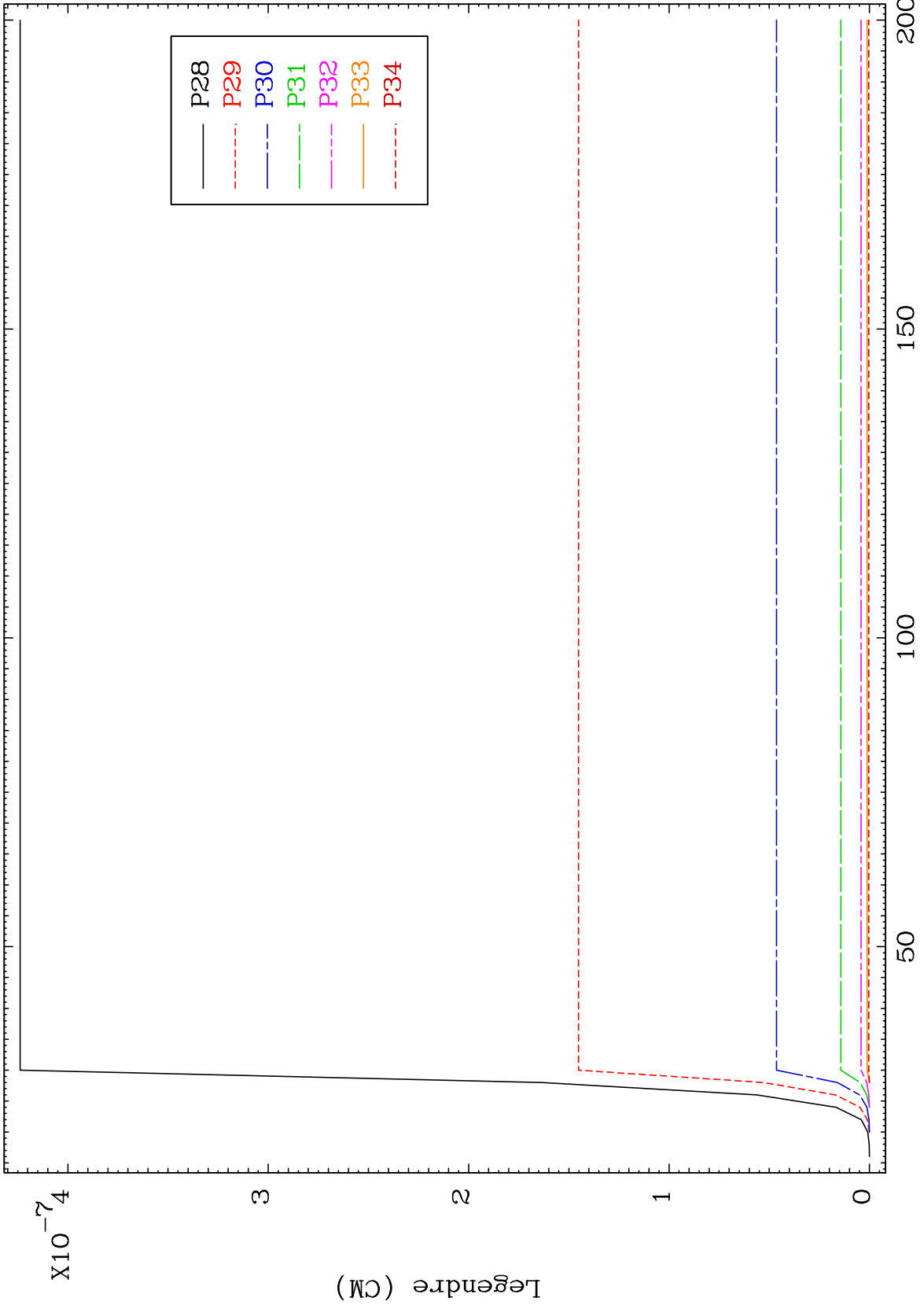
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



56

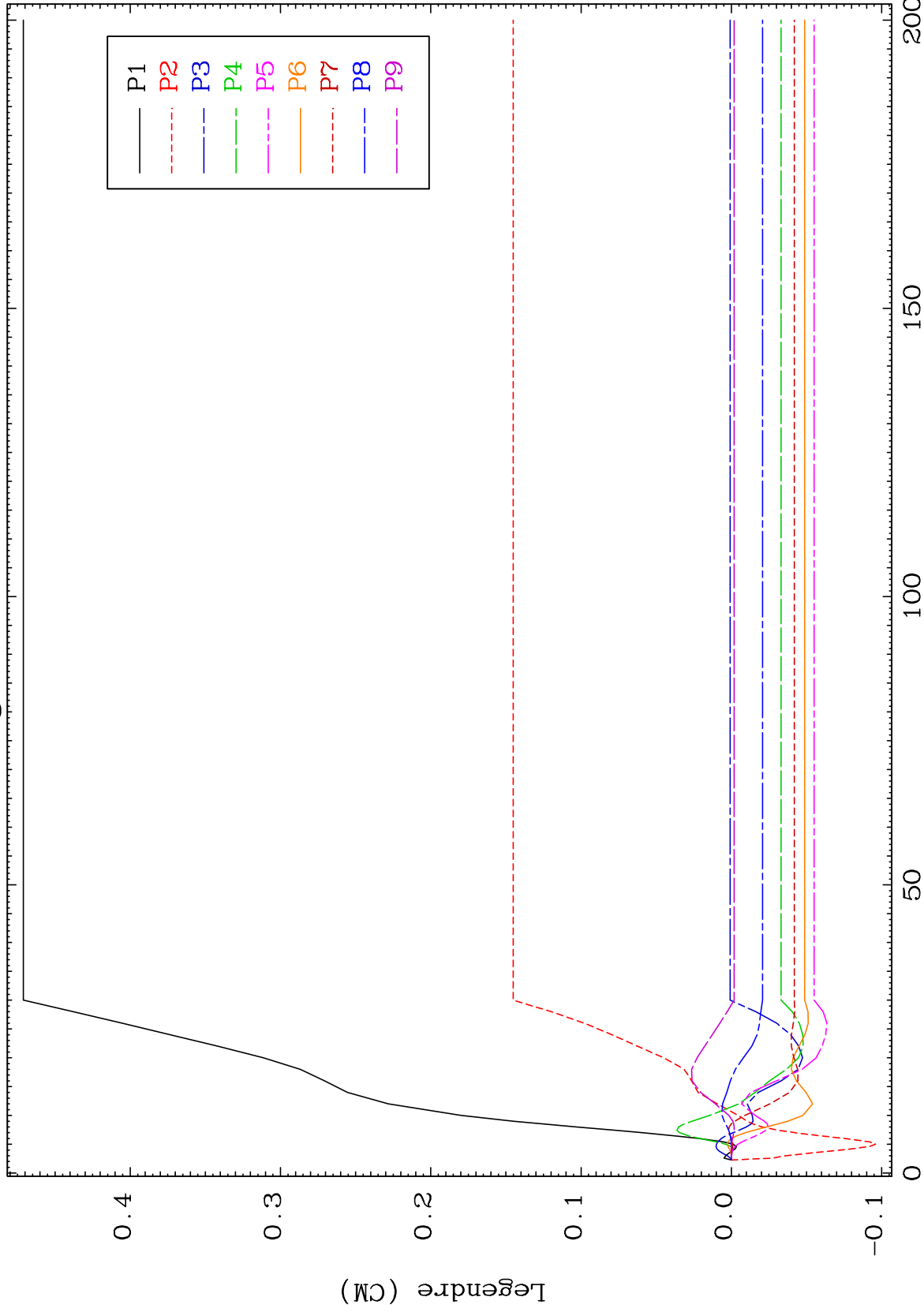
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



57

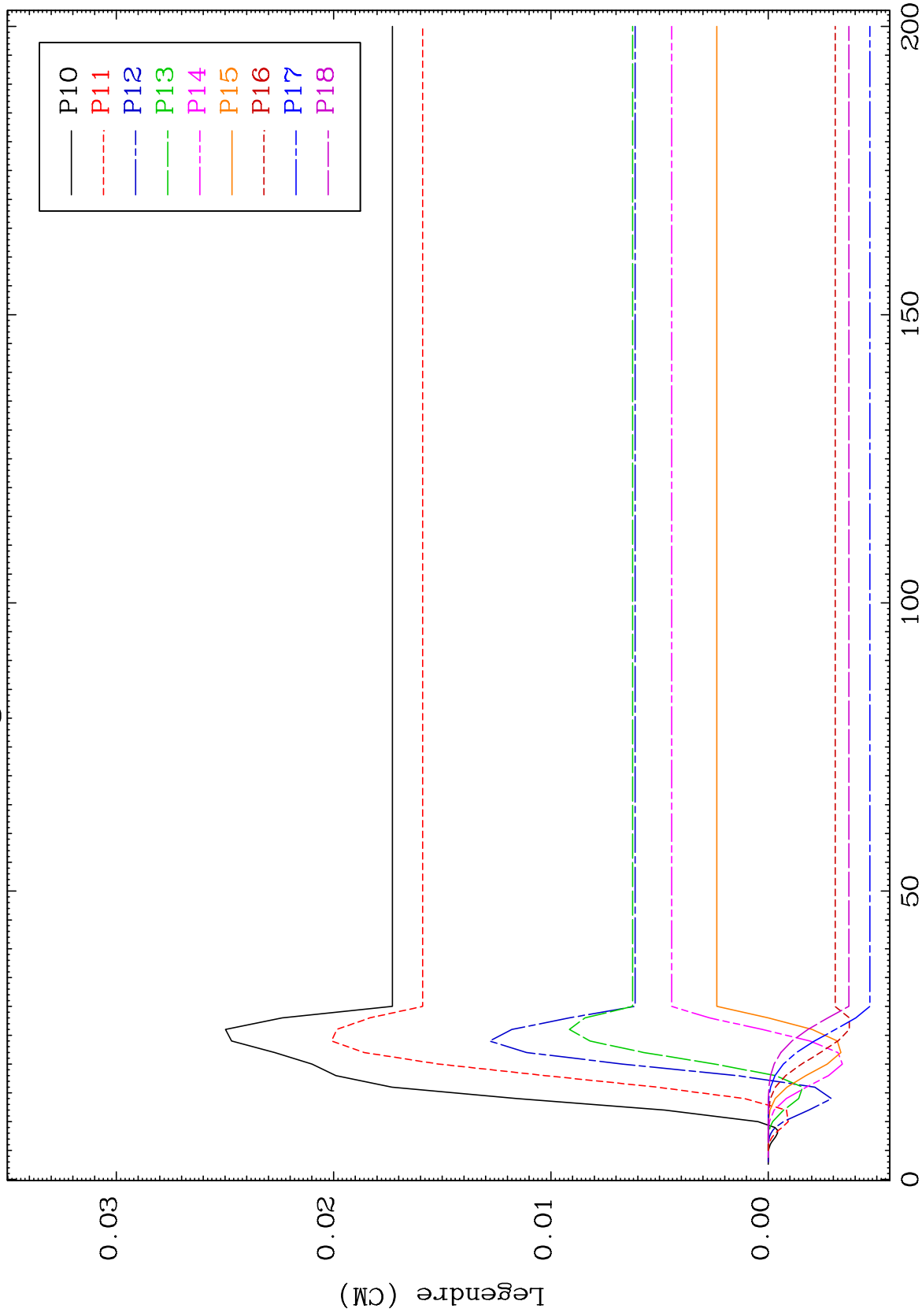
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

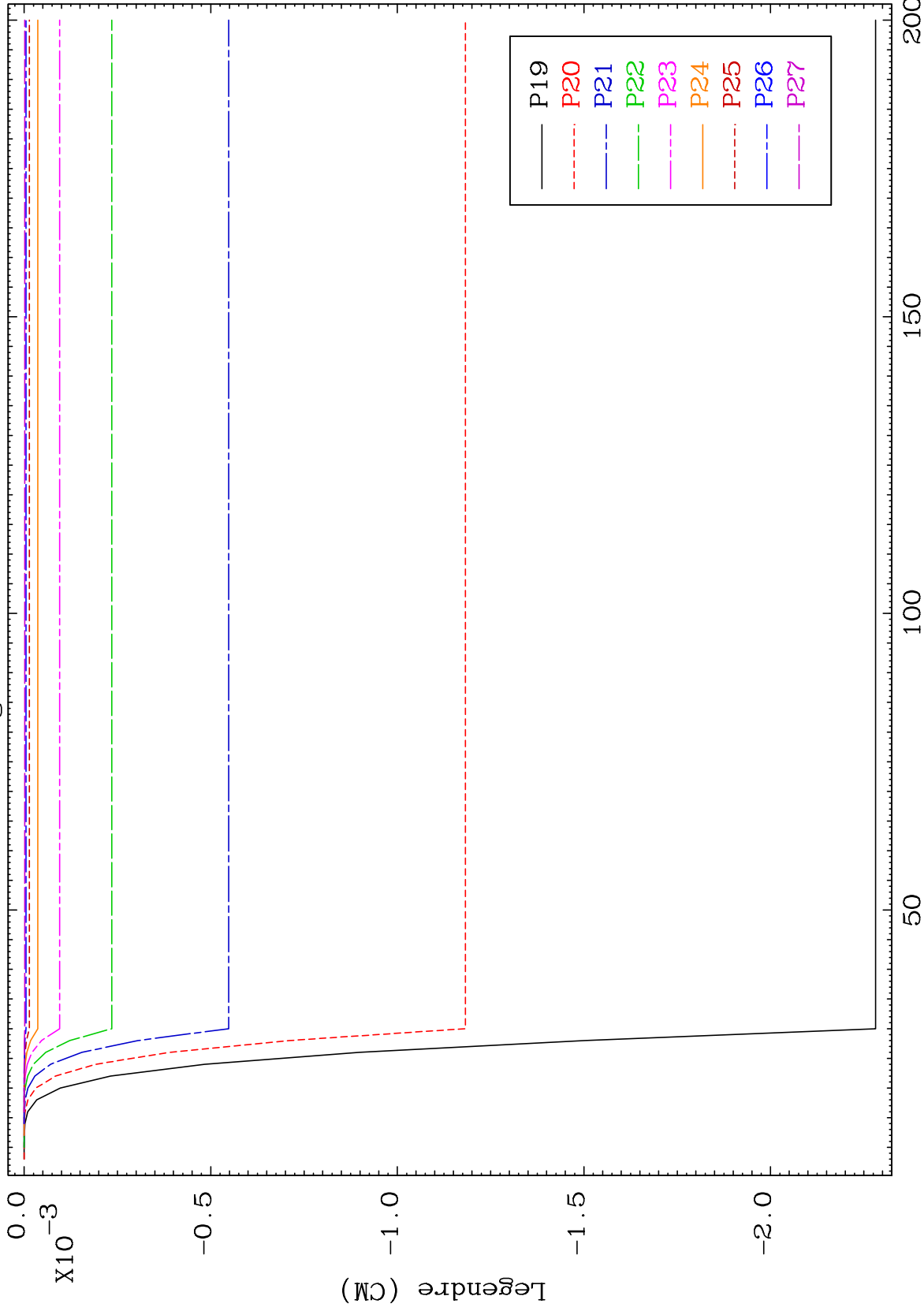
42-Mo-96



58

Incident Energy (MeV)

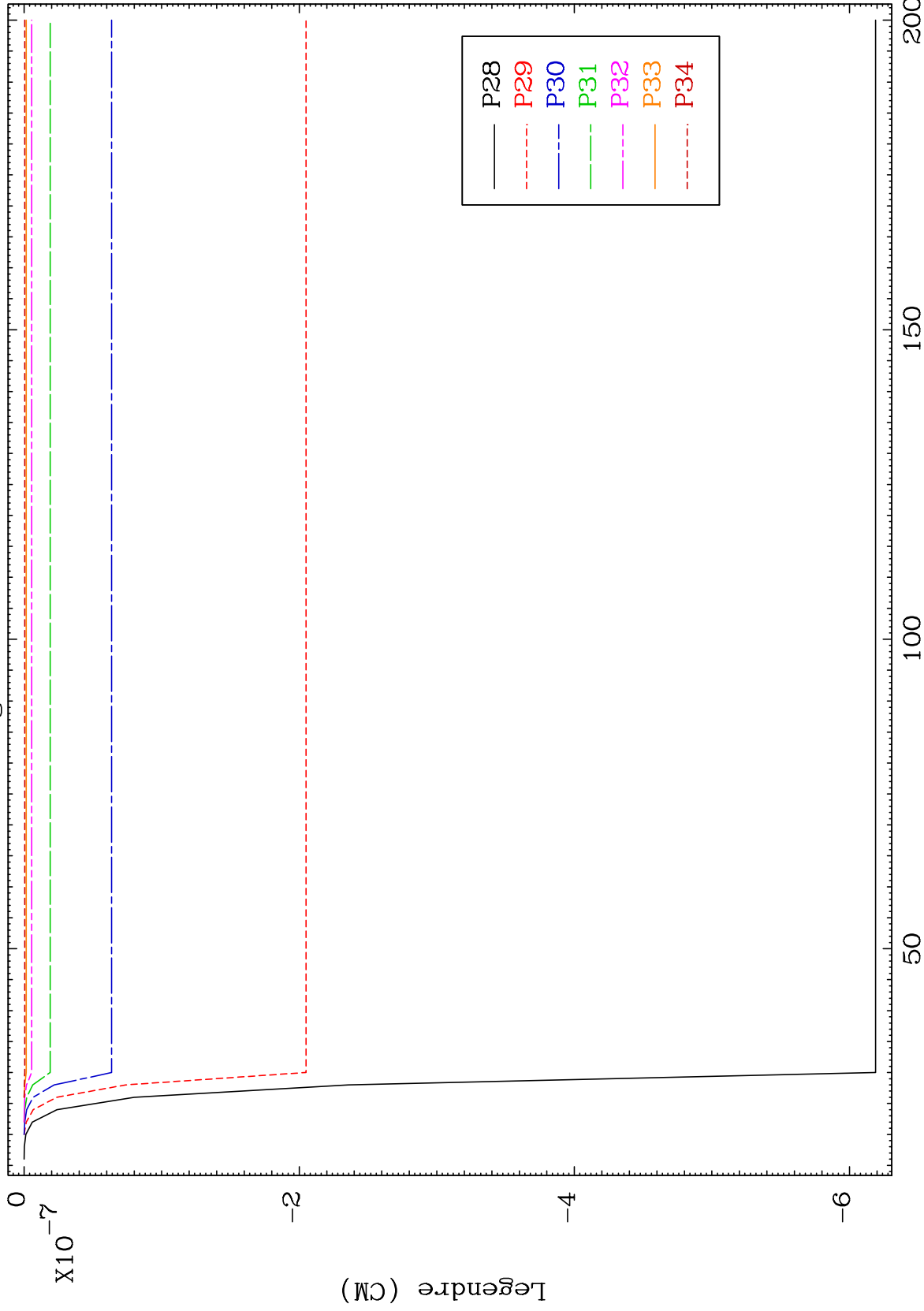
42-Mo-96



MAT 4237

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

42-Mo-96



42-Mo-96

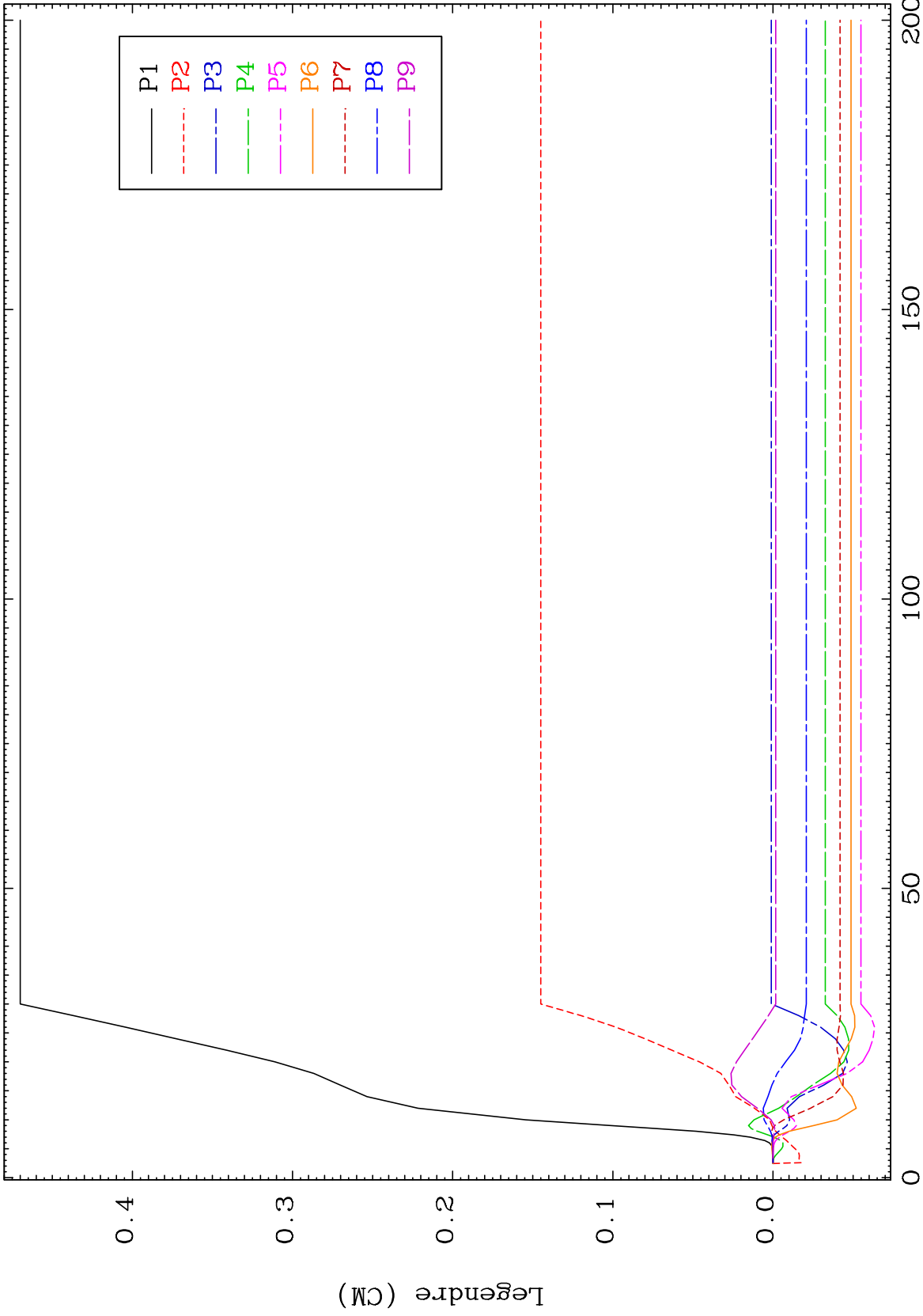
Incident Energy (MeV)

60

MAT 4237

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

42-Mo-96



61

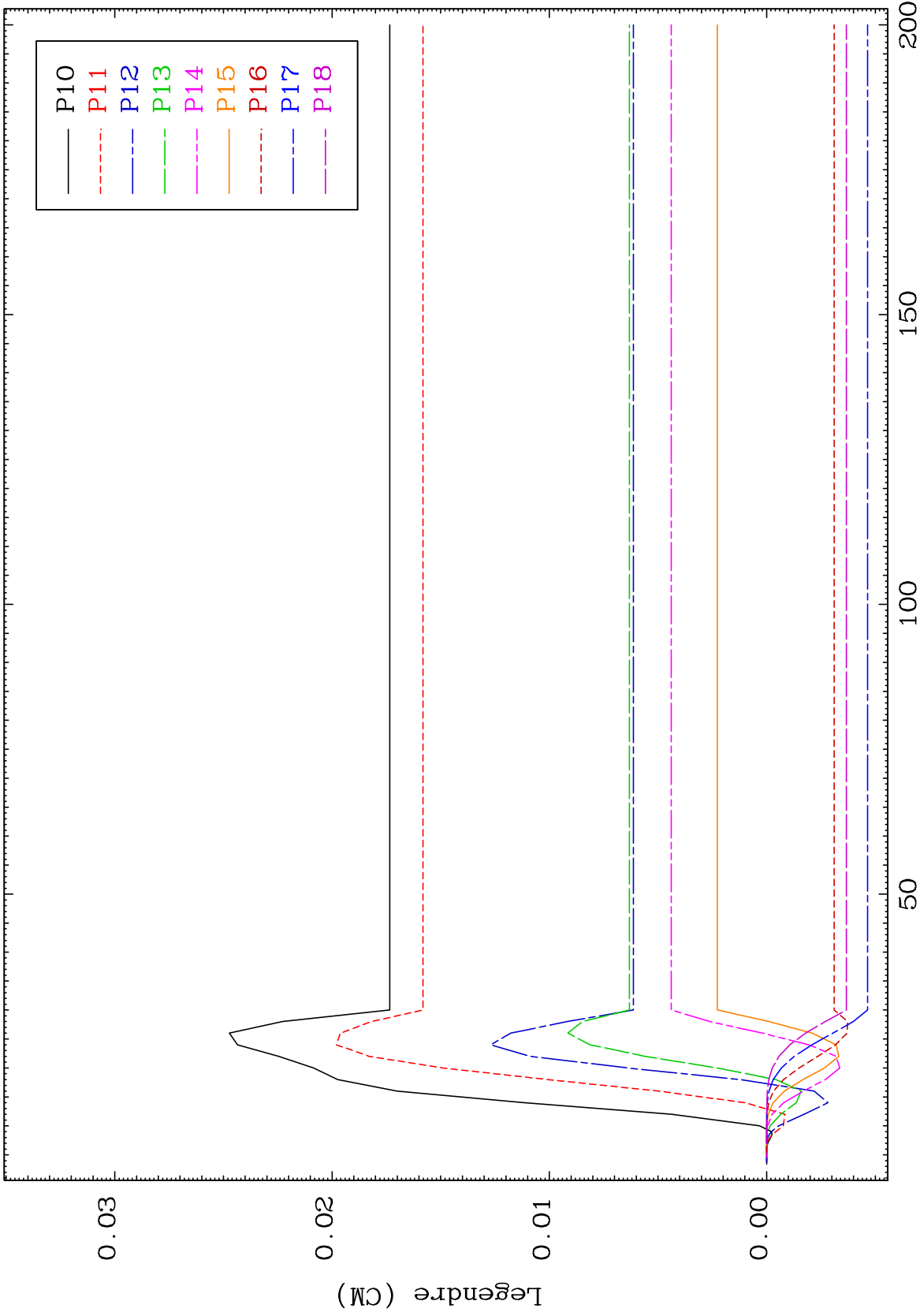
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



62

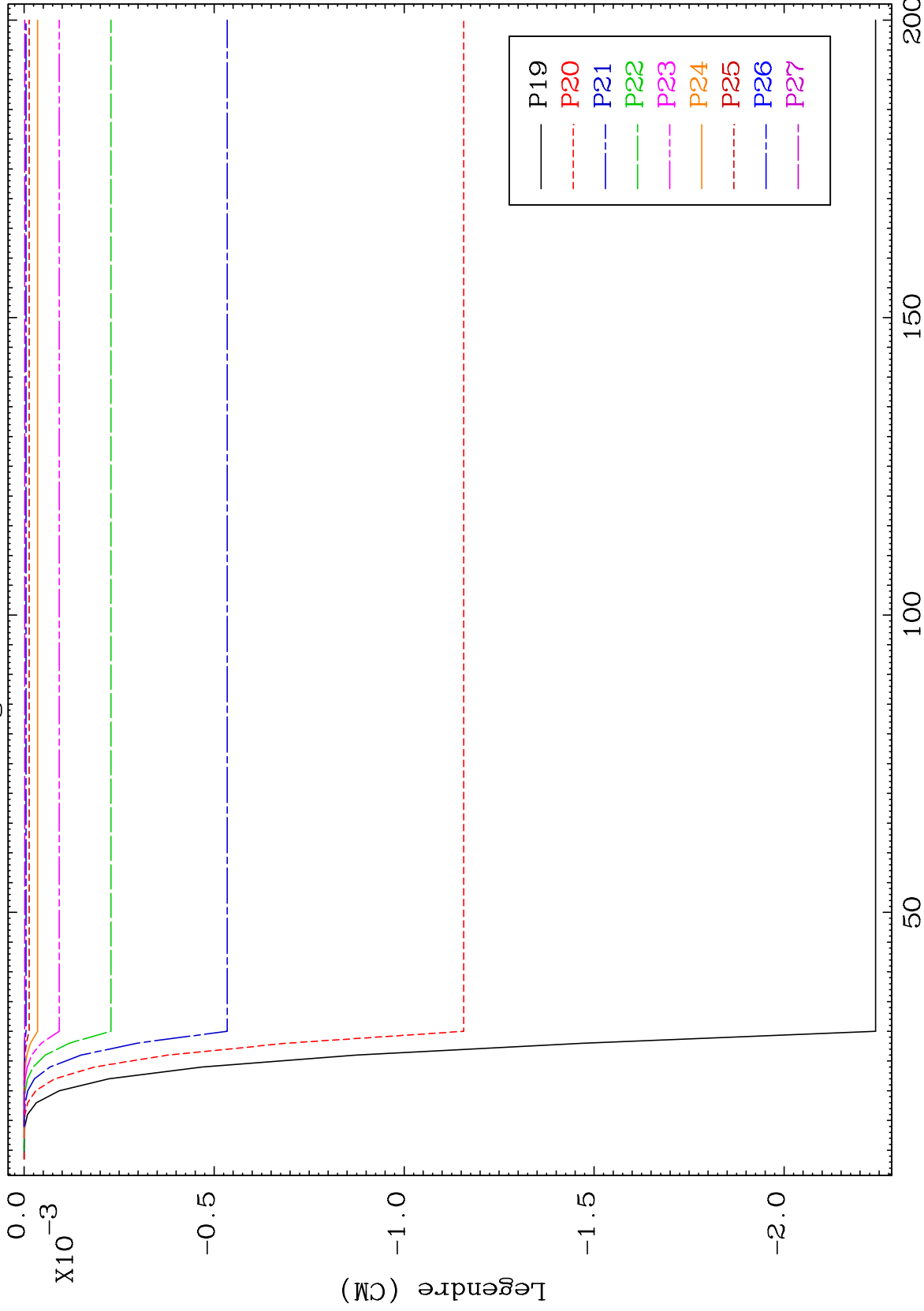
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



63

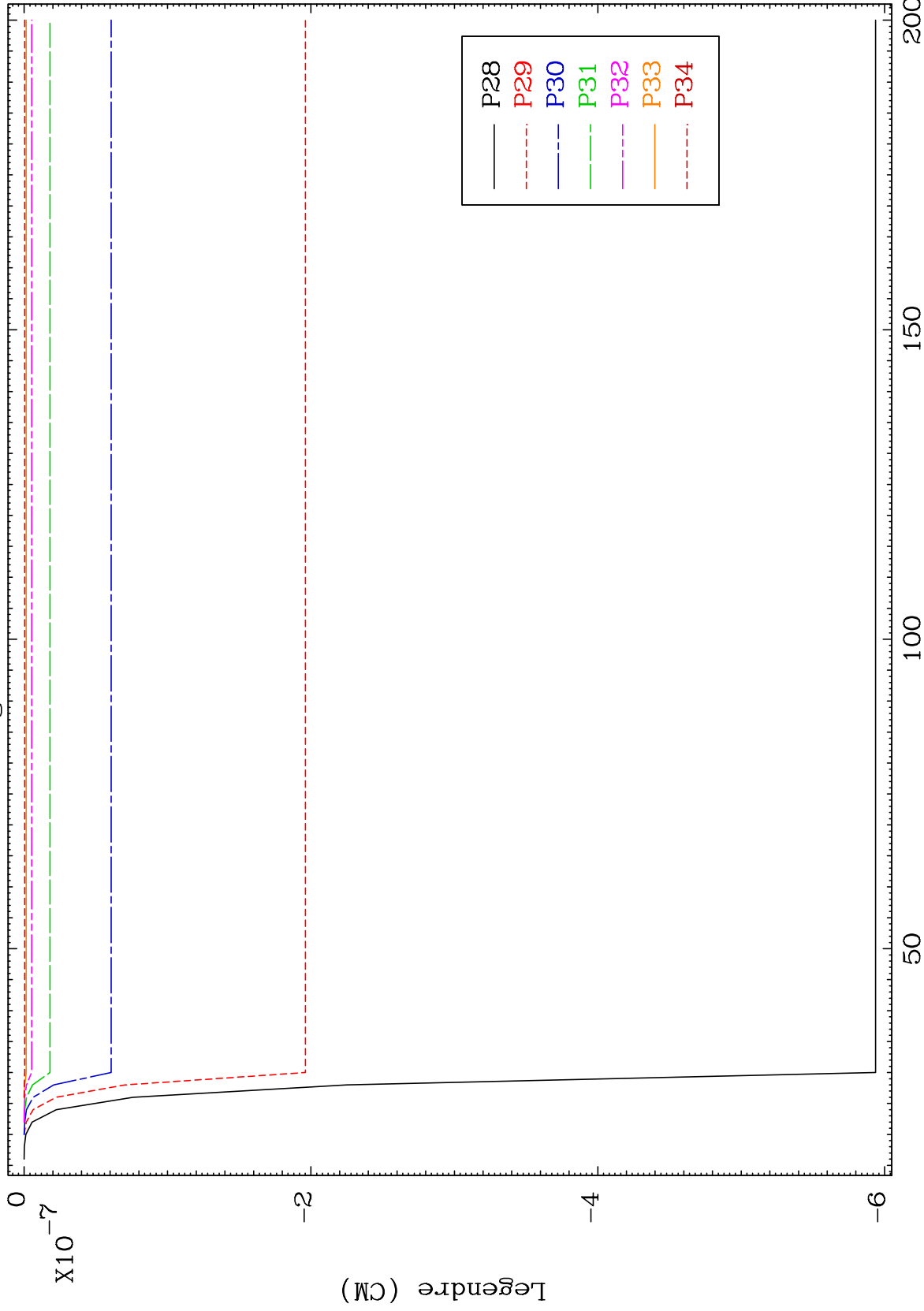
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



42-Mo-96

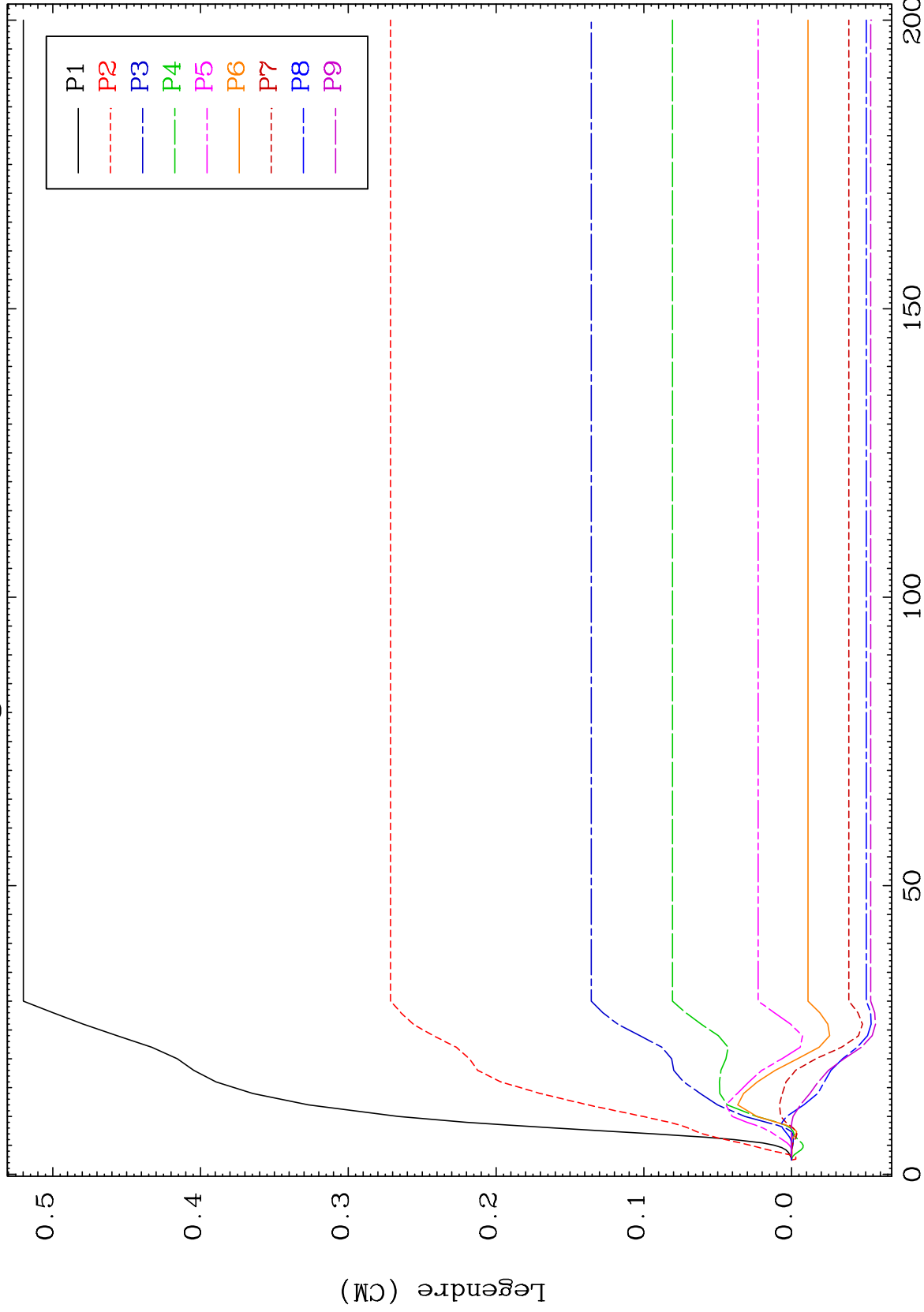
Incident Energy (MeV)

64

MAT 4237

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

42-Mo-96



65

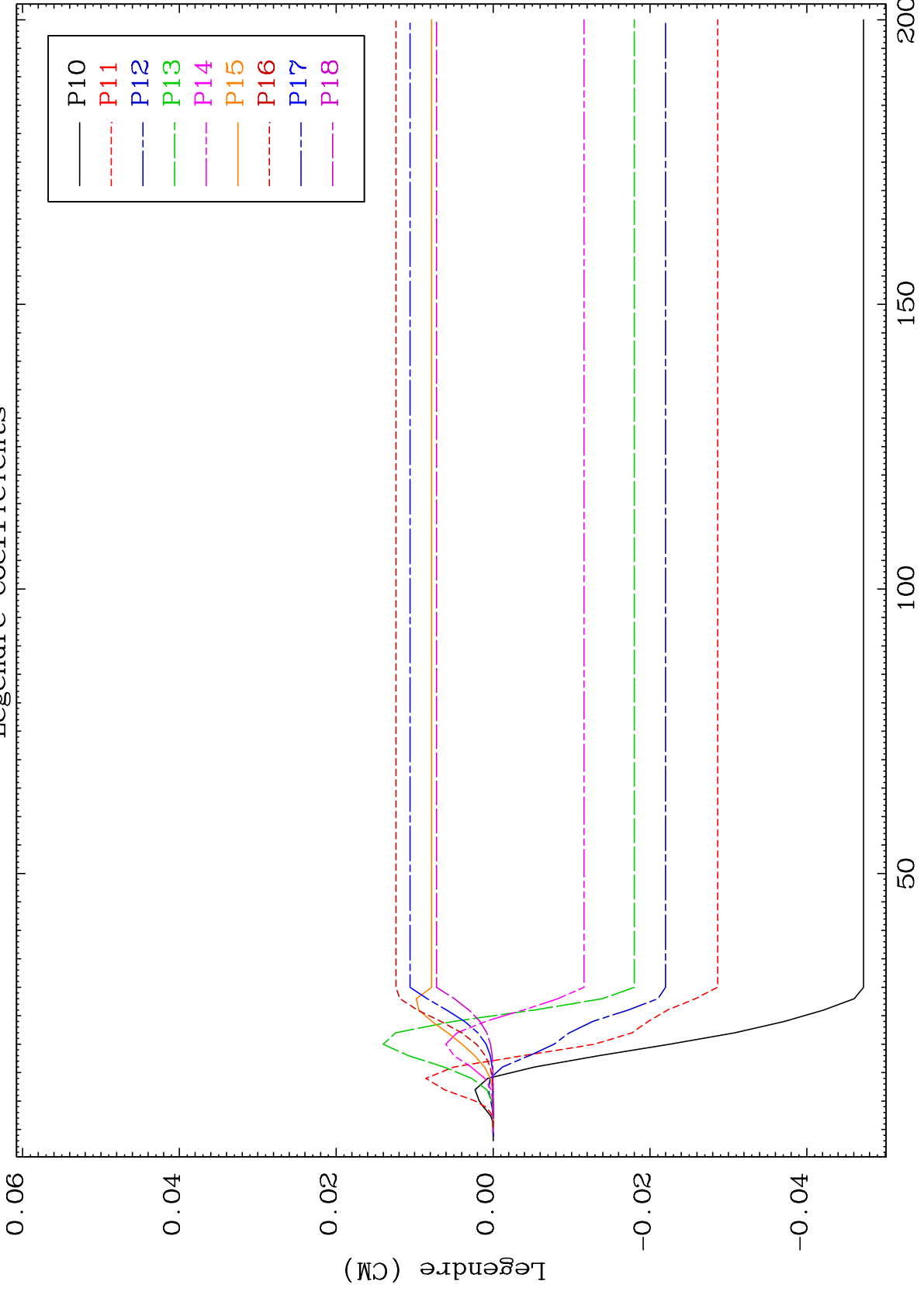
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



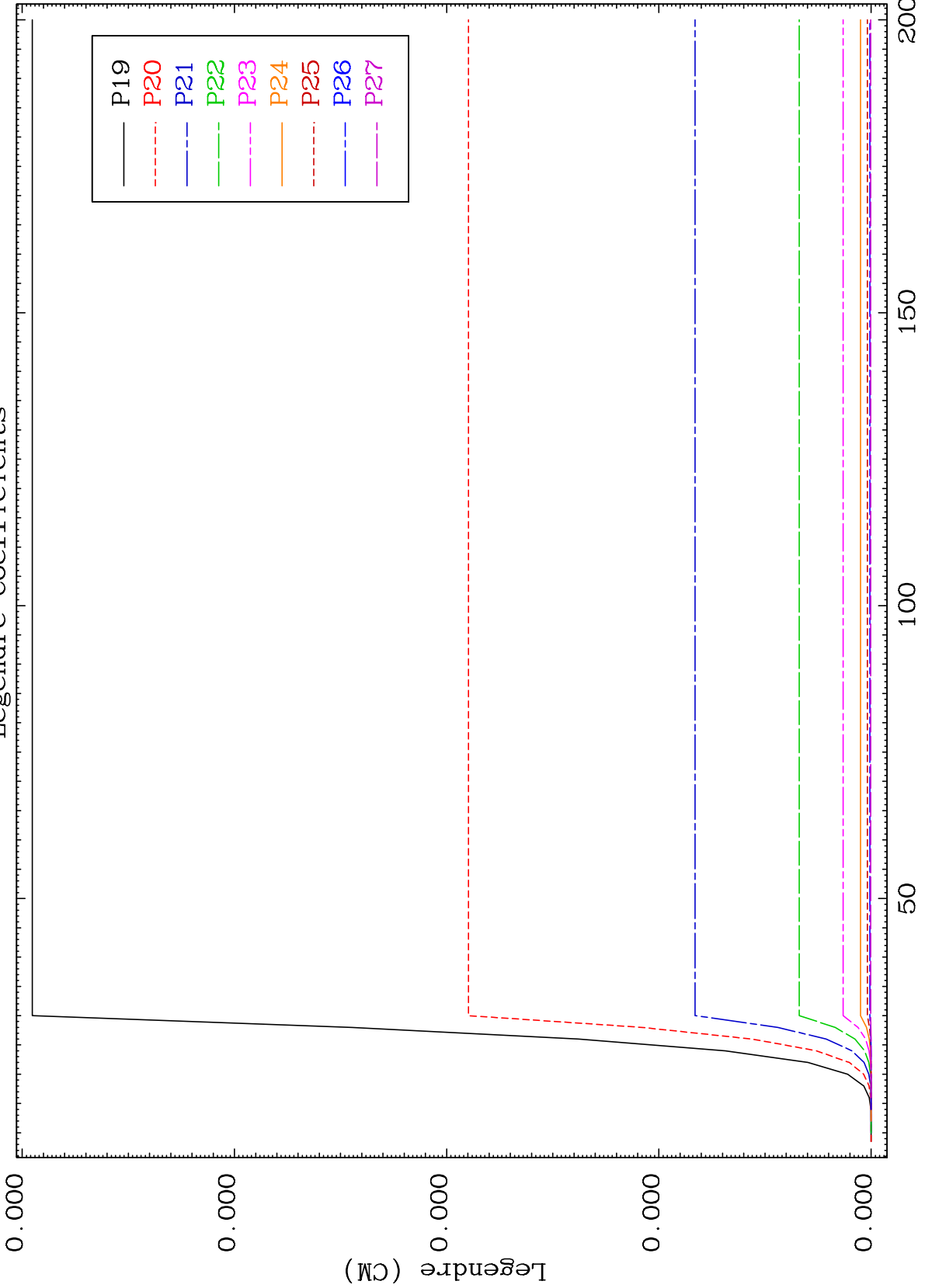
66

42-Mo-96

MAT 4237

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

42-Mo-96



67

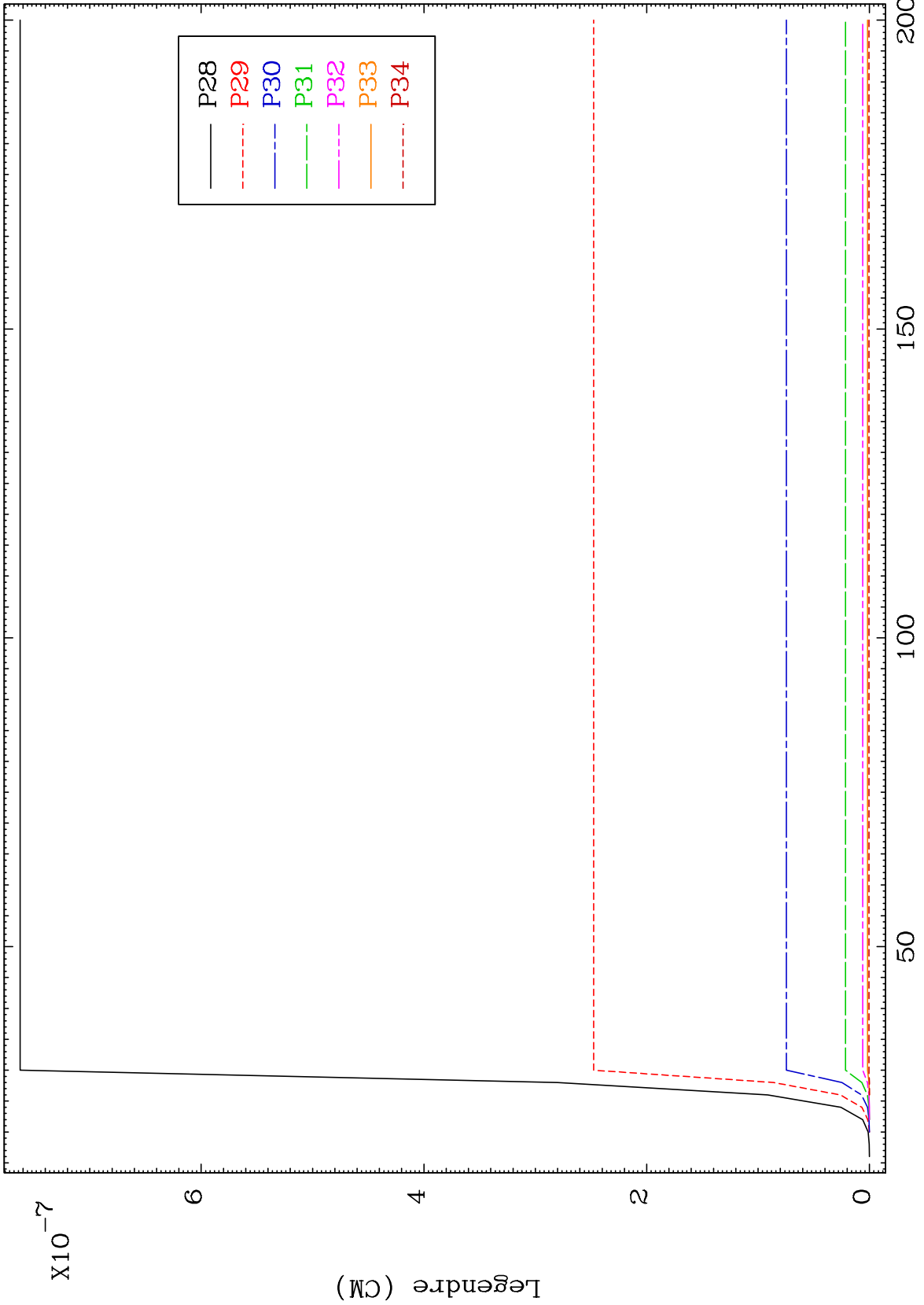
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



68

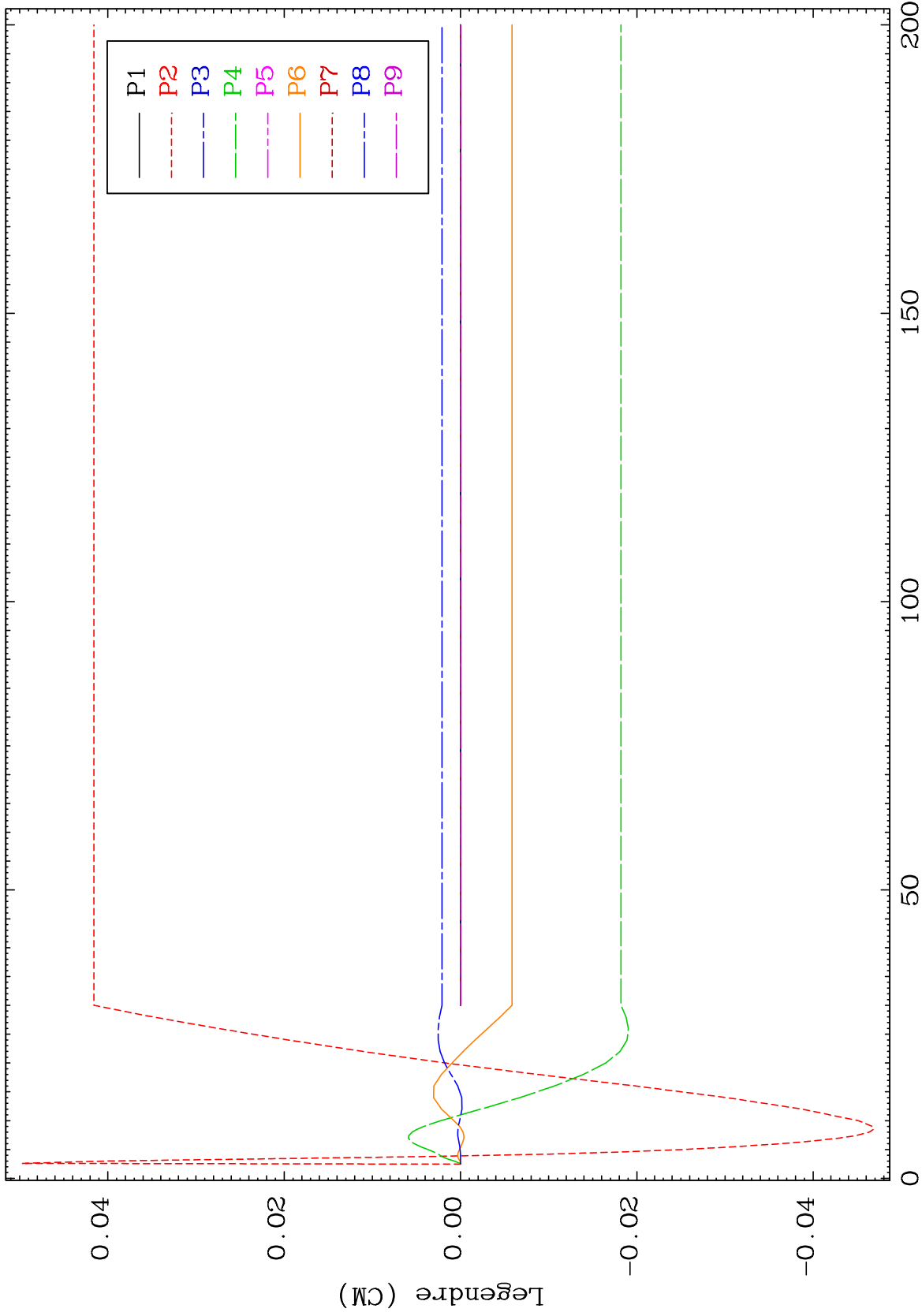
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



69

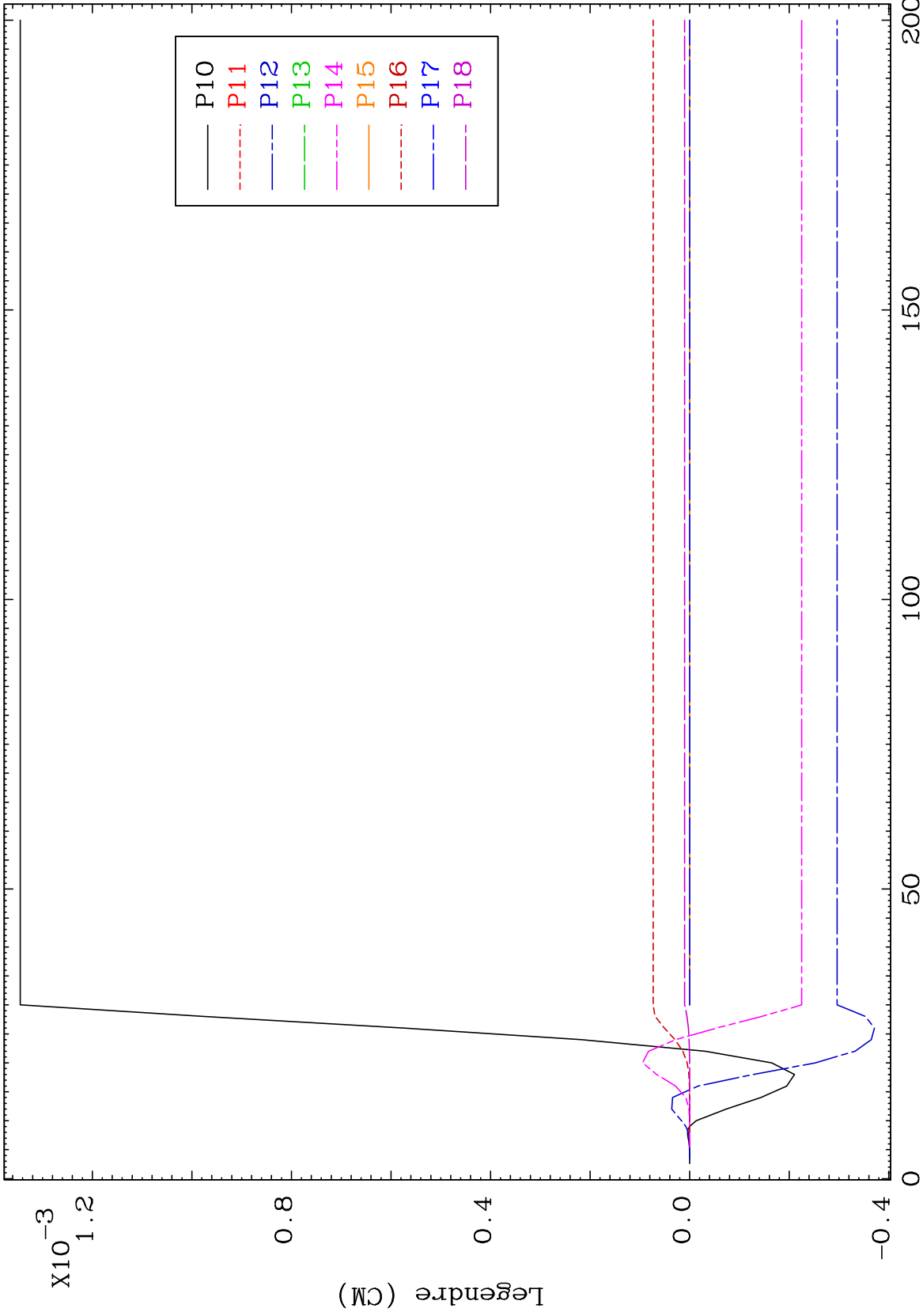
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



70

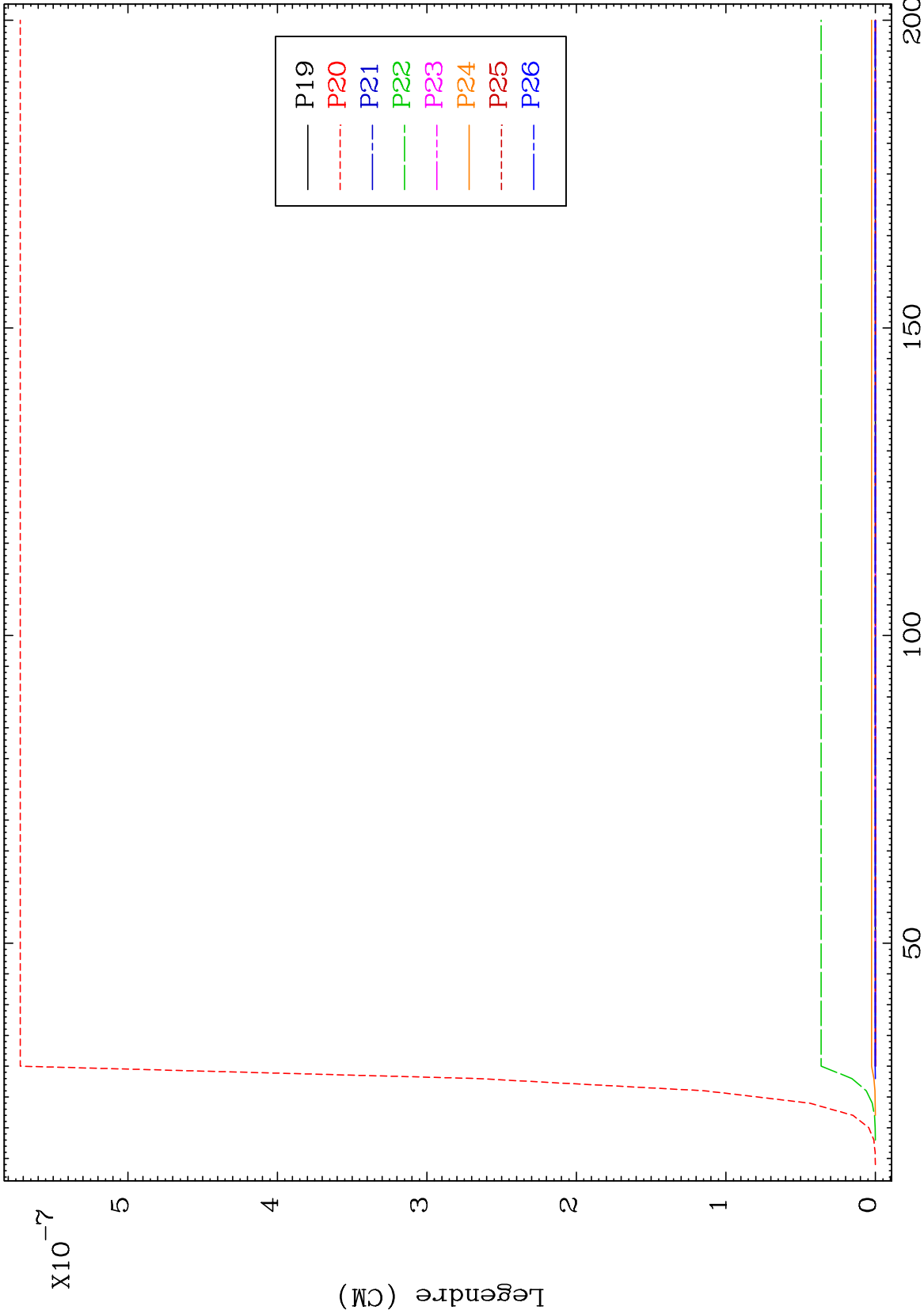
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



71

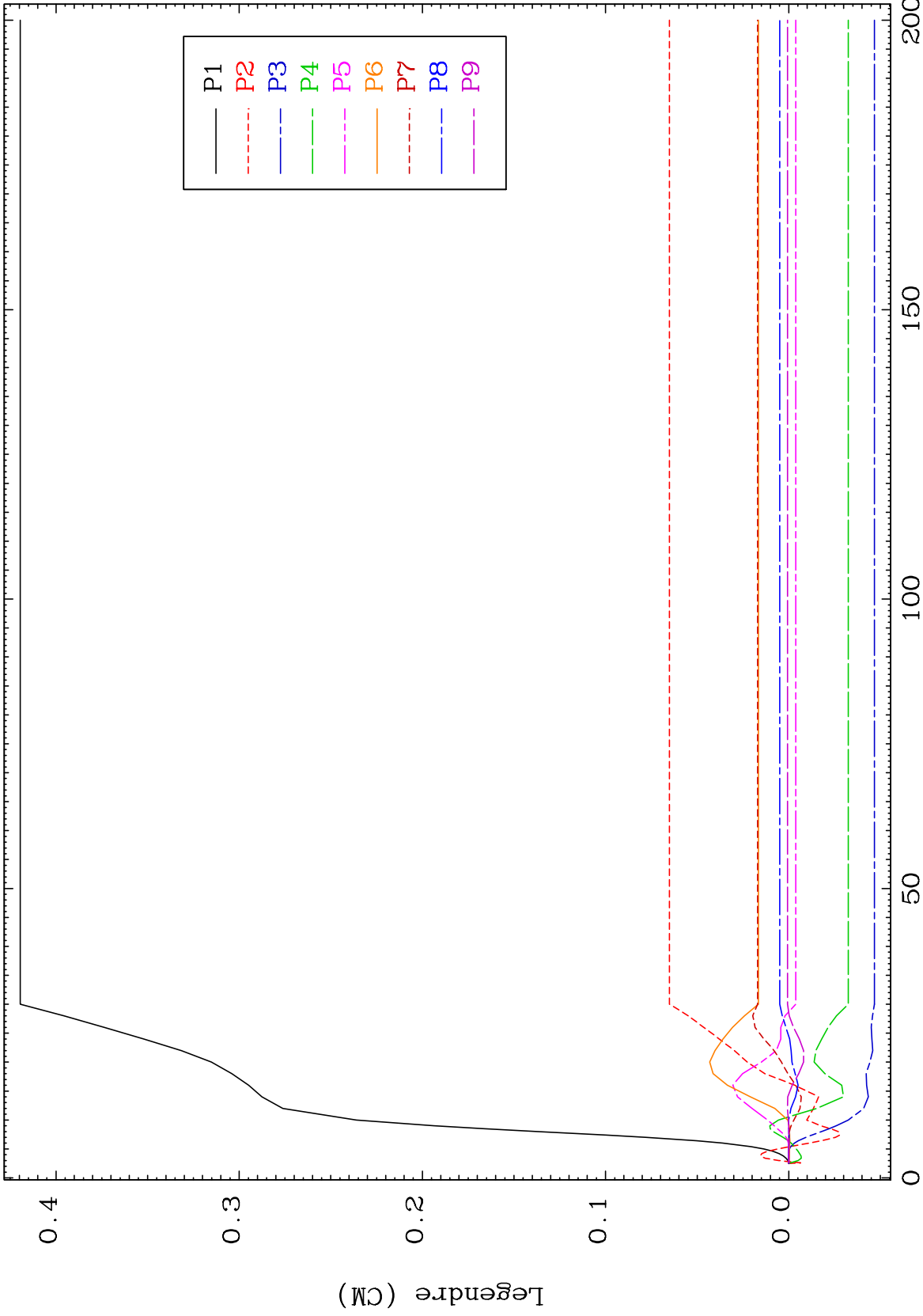
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

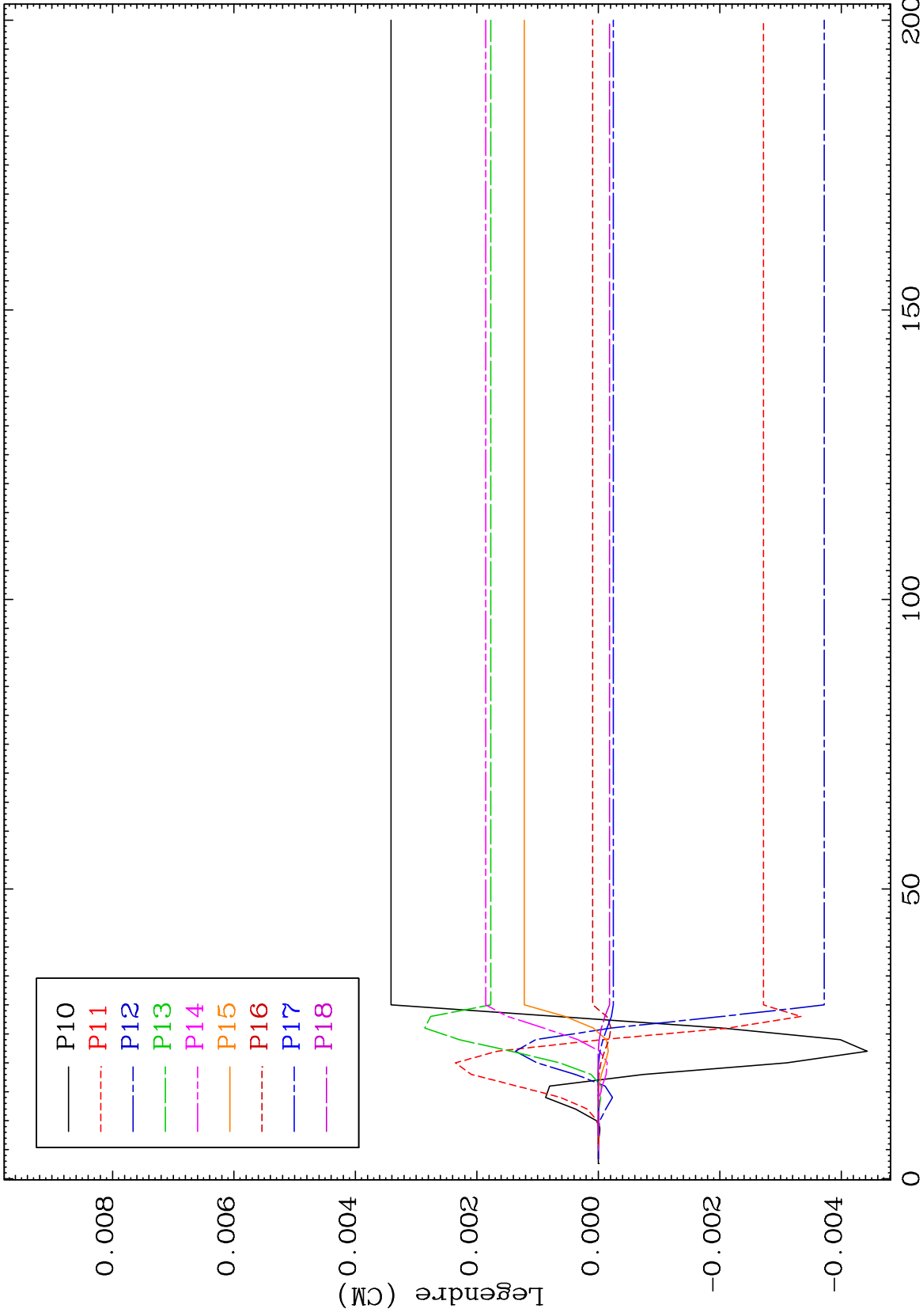
42-Mo-96



72

Incident Energy (MeV)

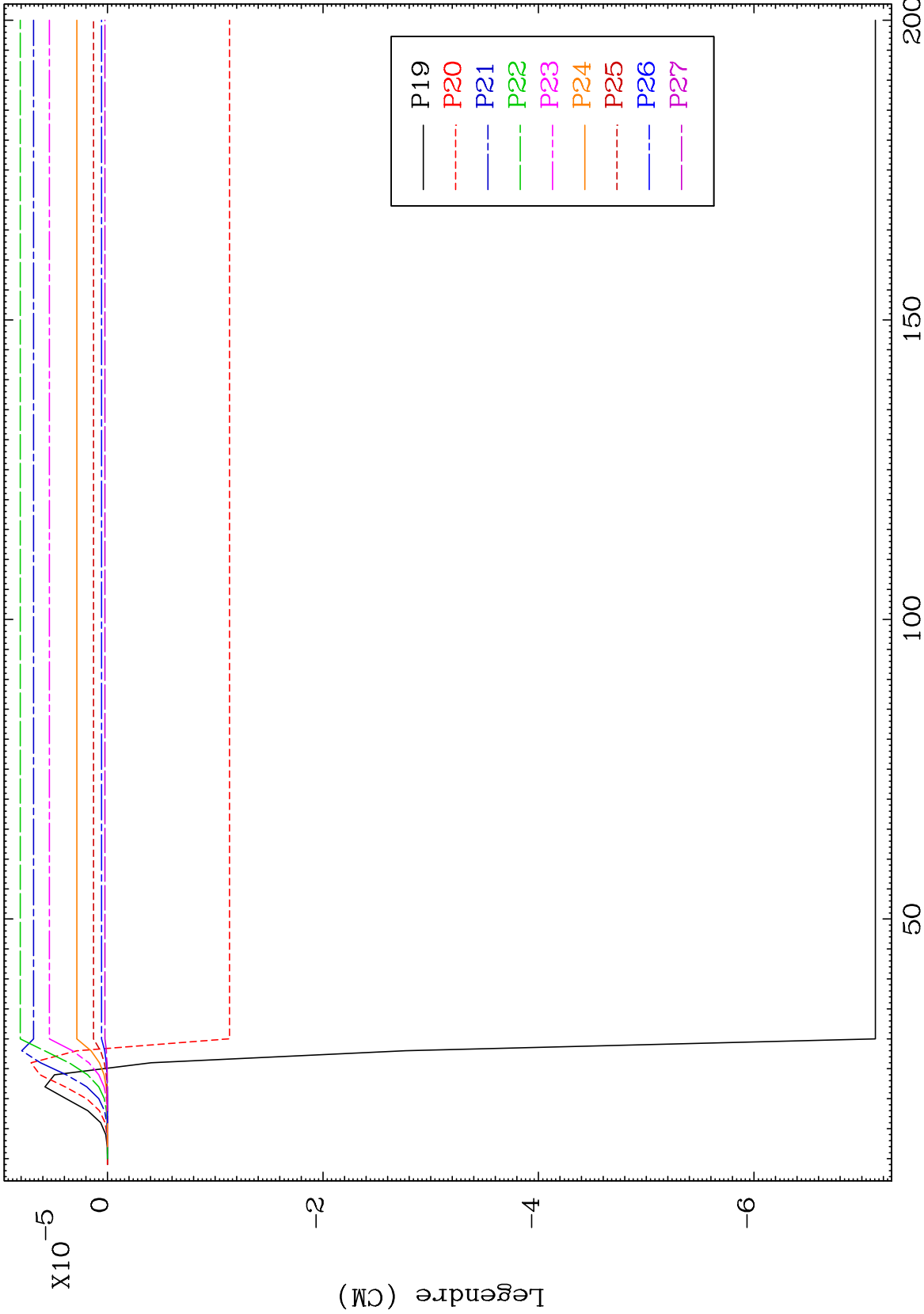
42-Mo-96



MAT 4237

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

42-Mo-96



74

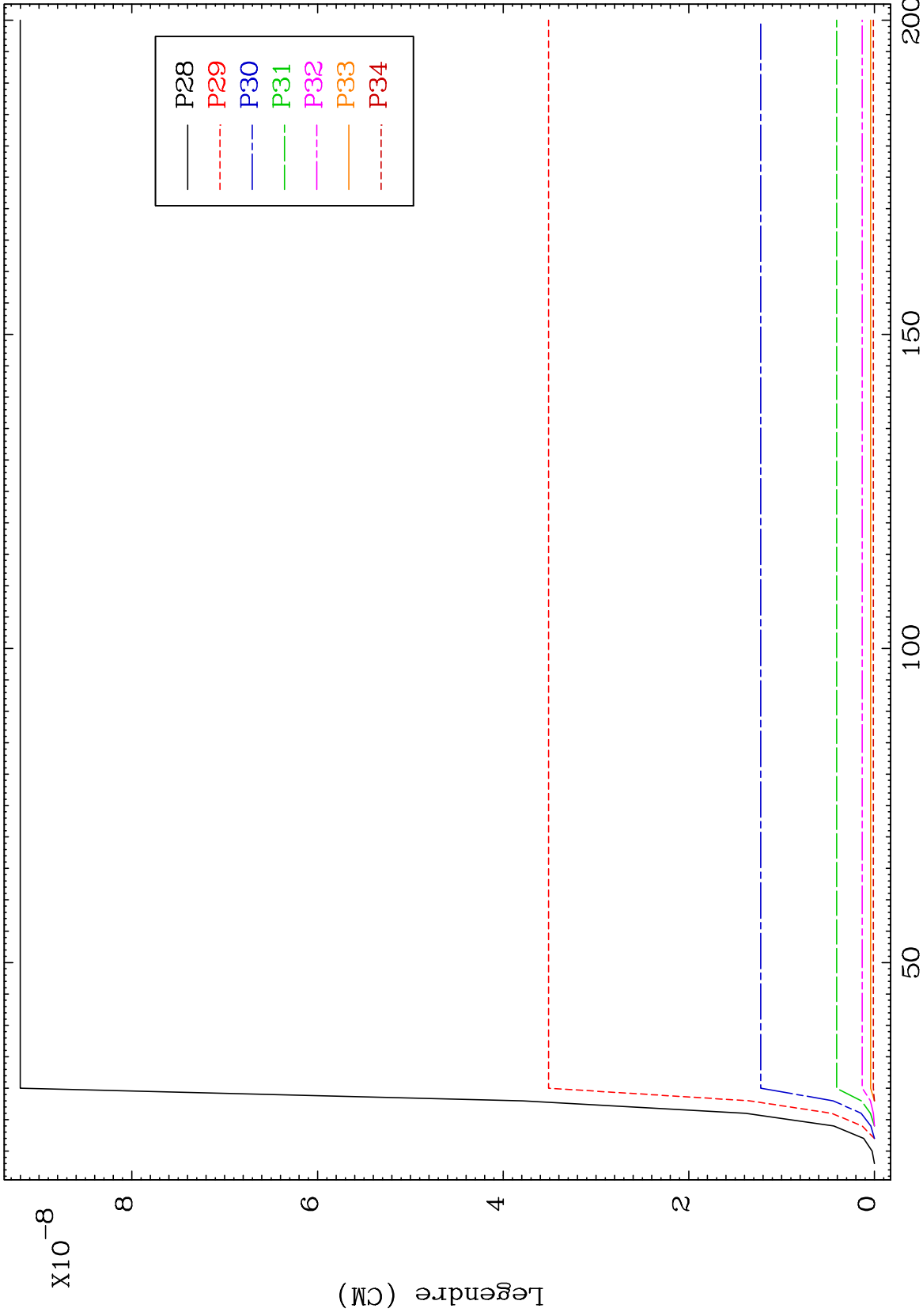
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



75

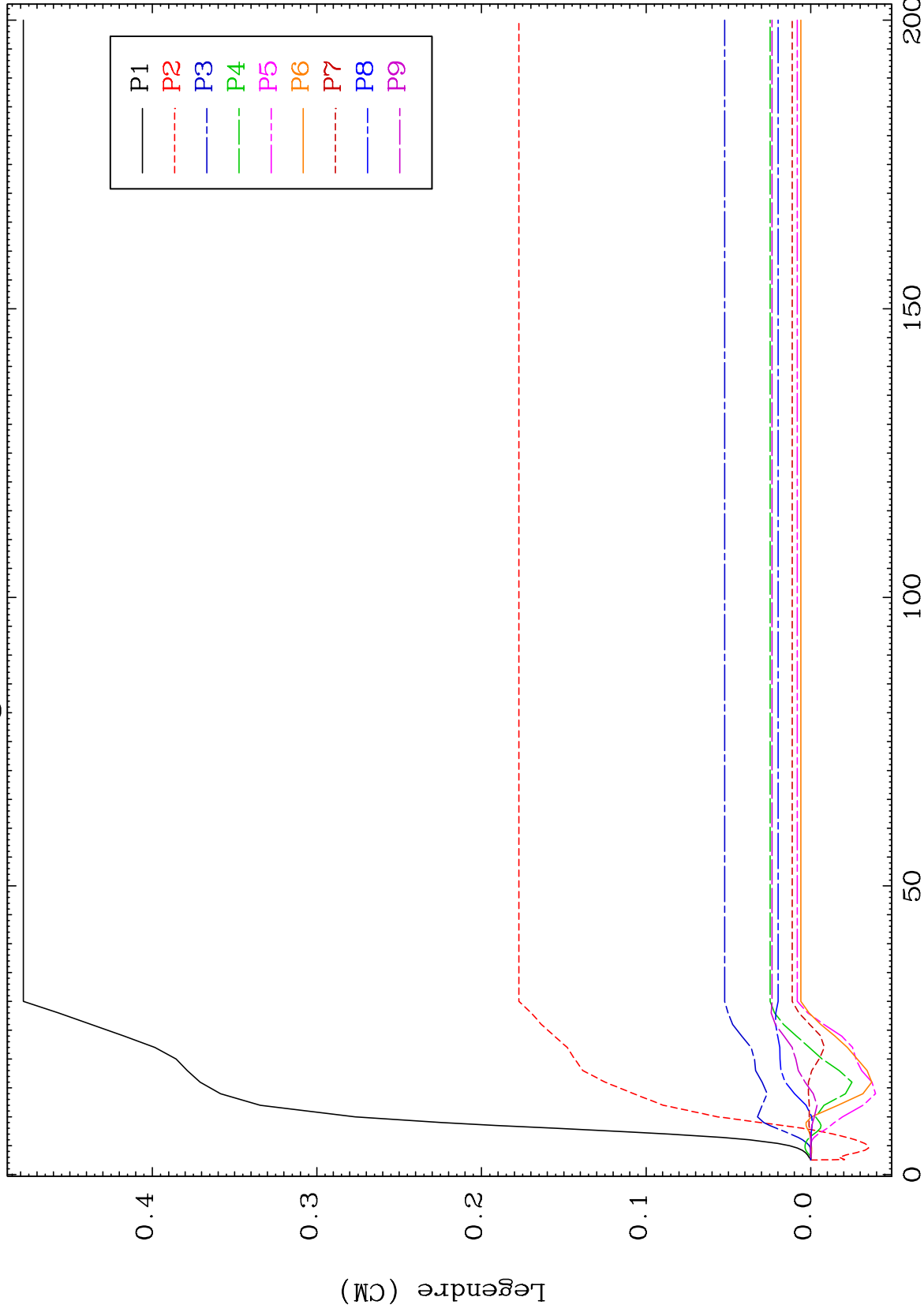
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

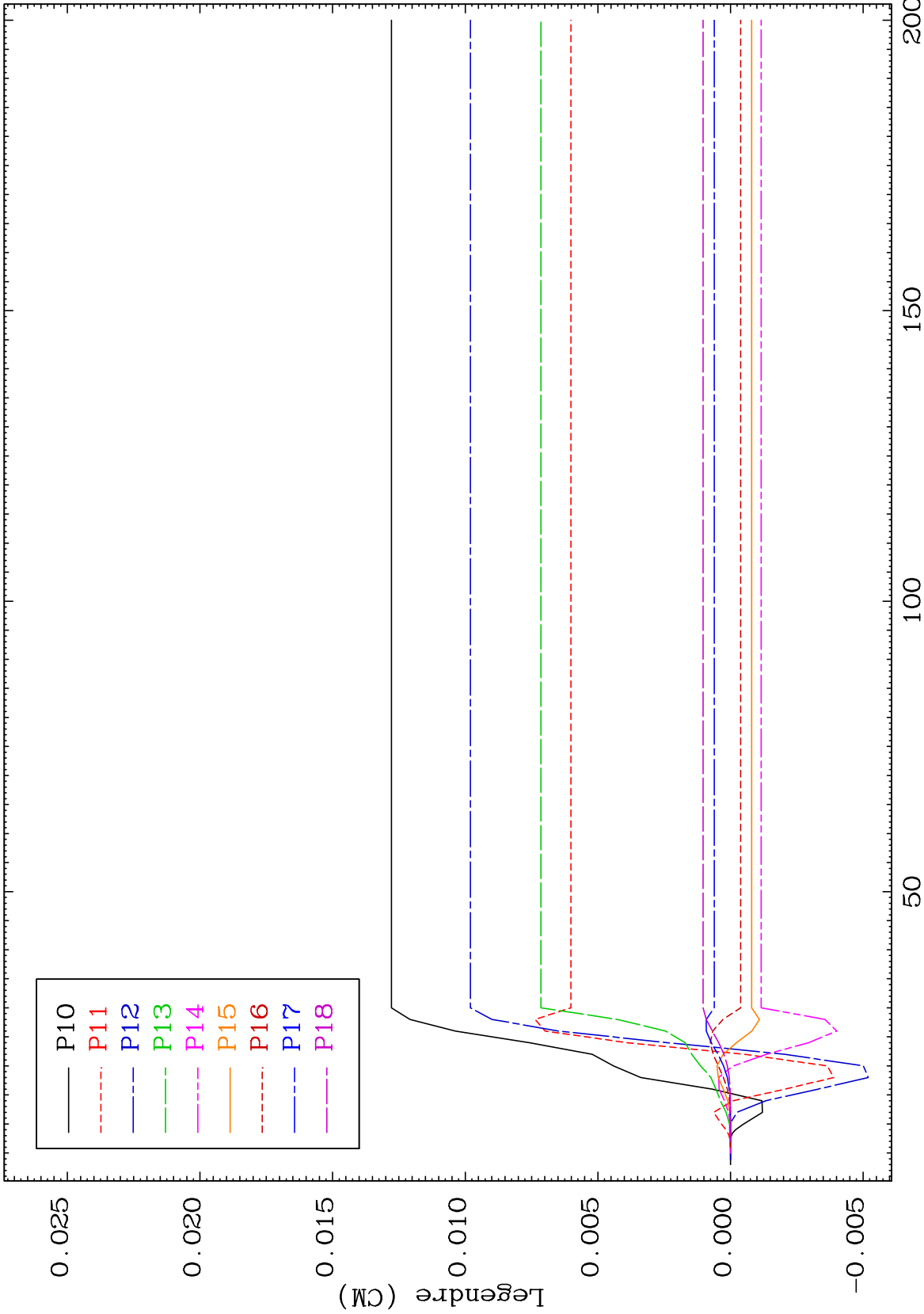
42-Mo-96



76

Incident Energy (MeV)

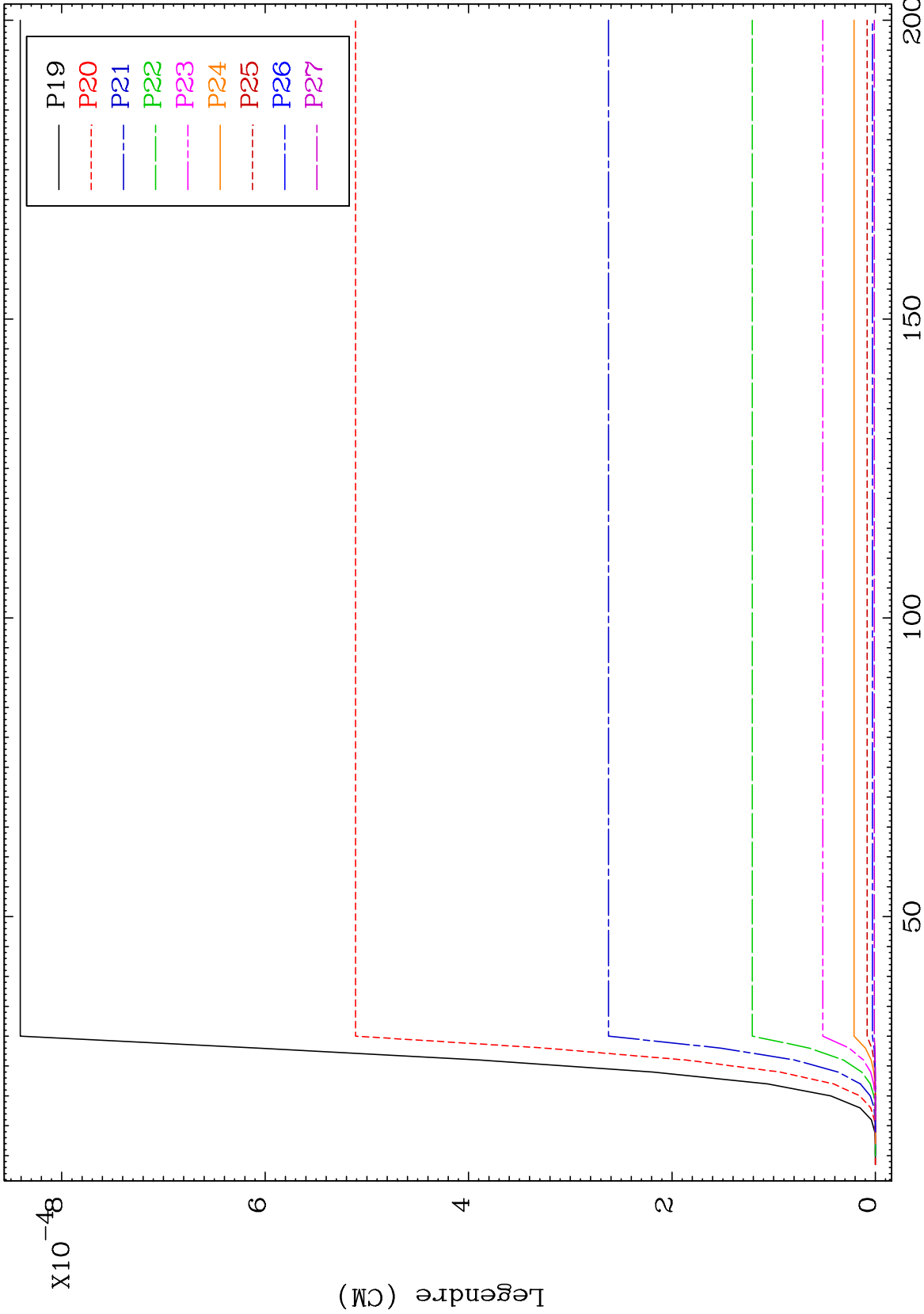
42-Mo-96



MAT 4237

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

42-Mo-96



78

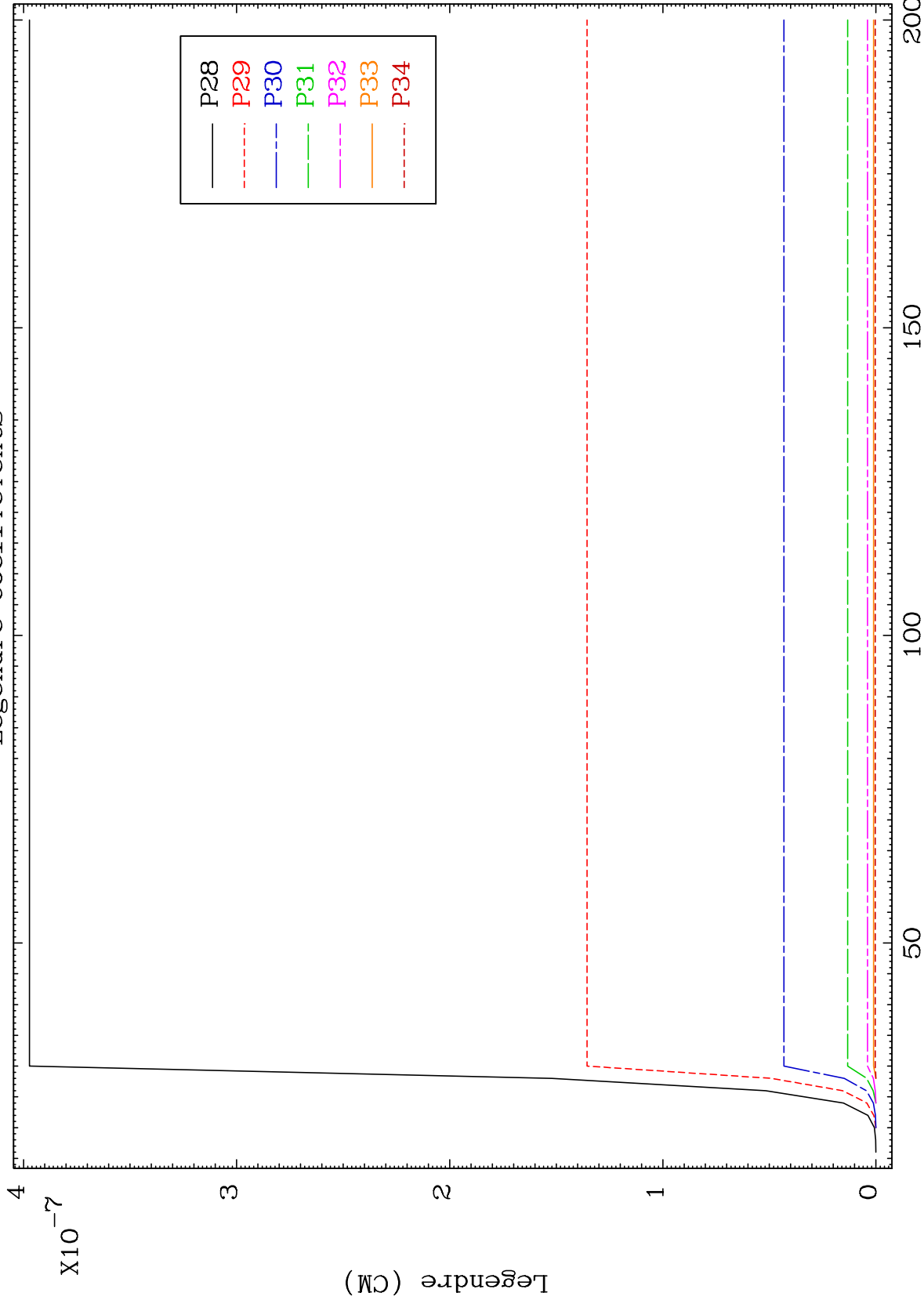
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



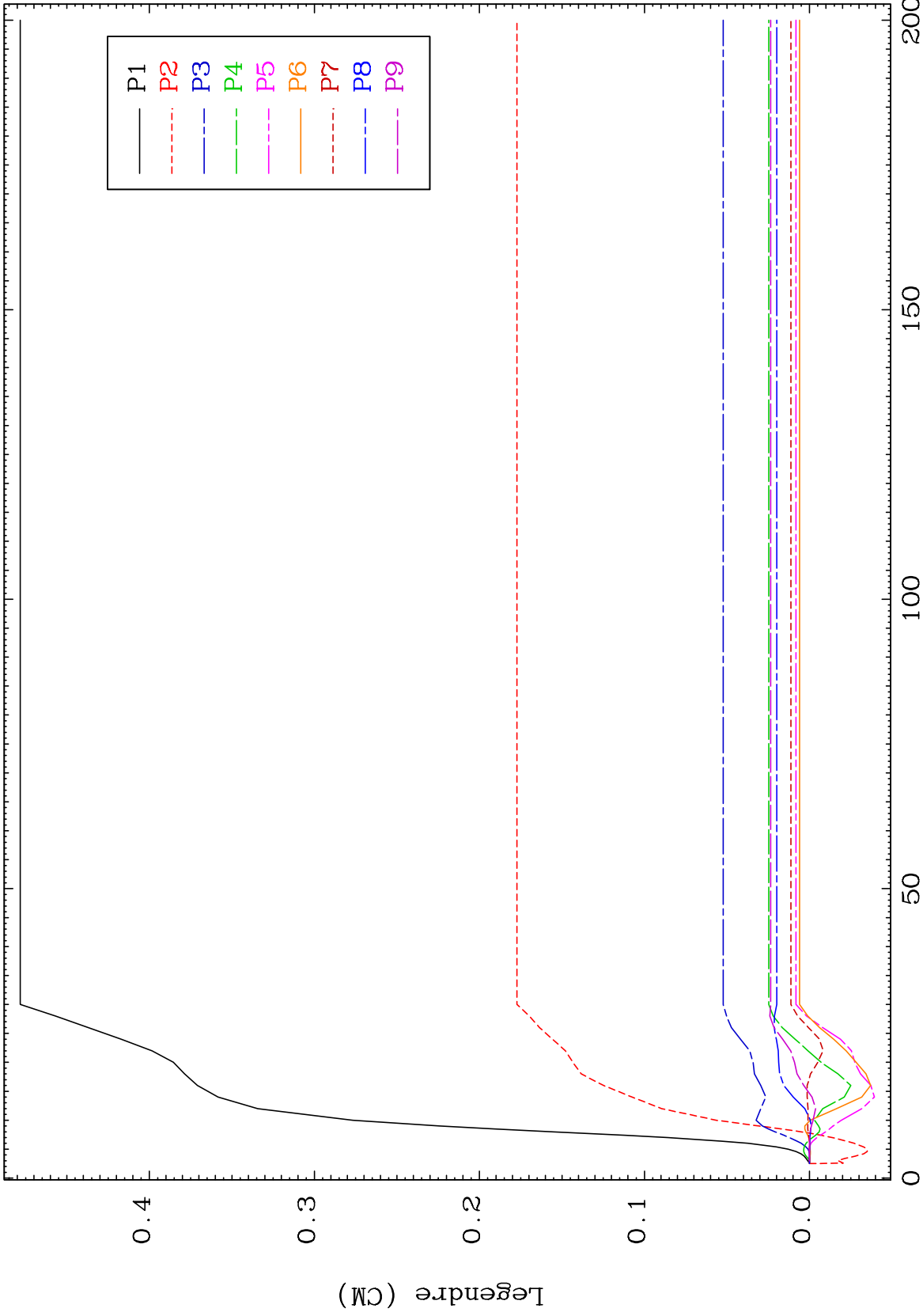
79

42-Mo-96

MAT 4237

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

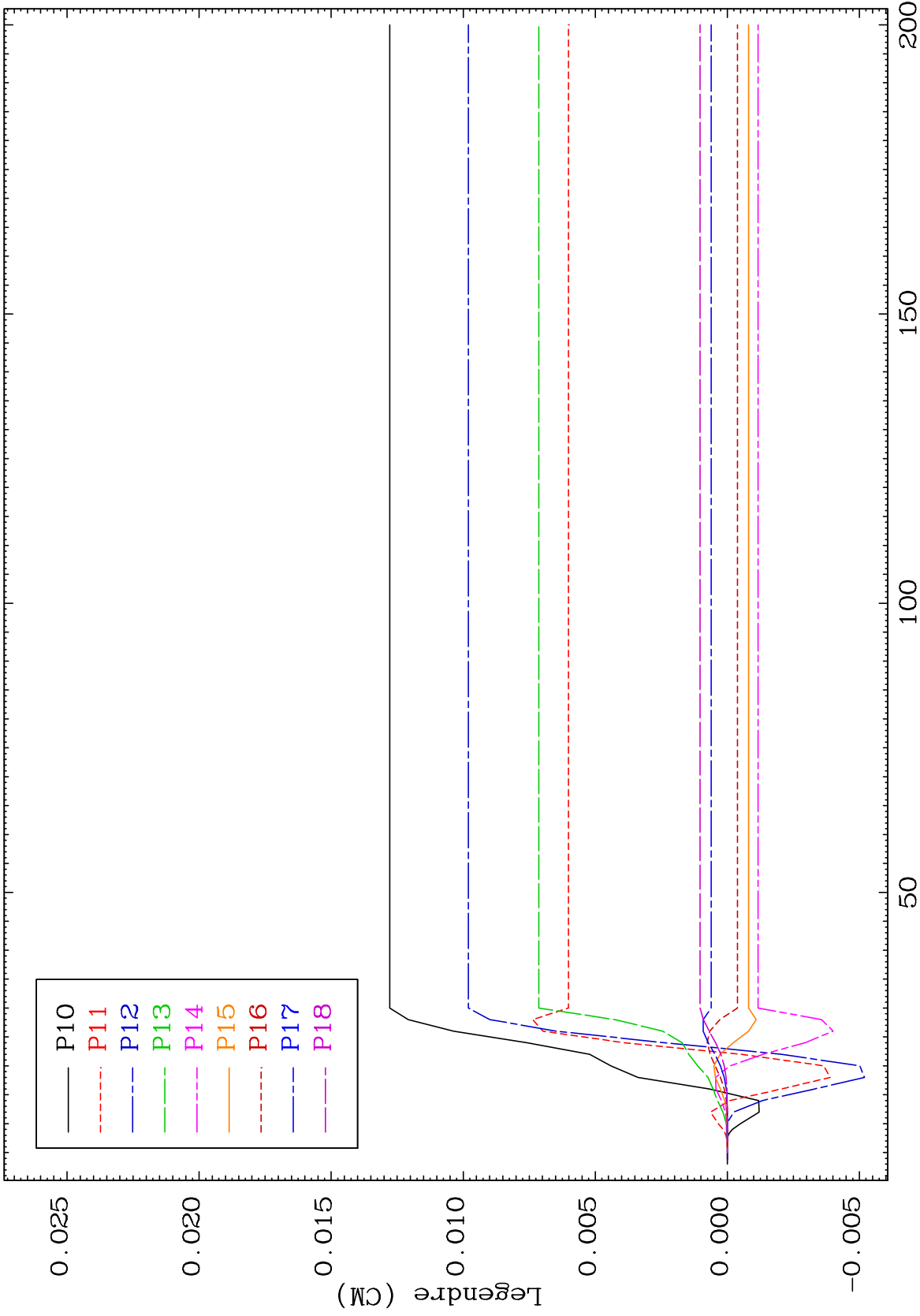
42-Mo-96



80

Incident Energy (MeV)

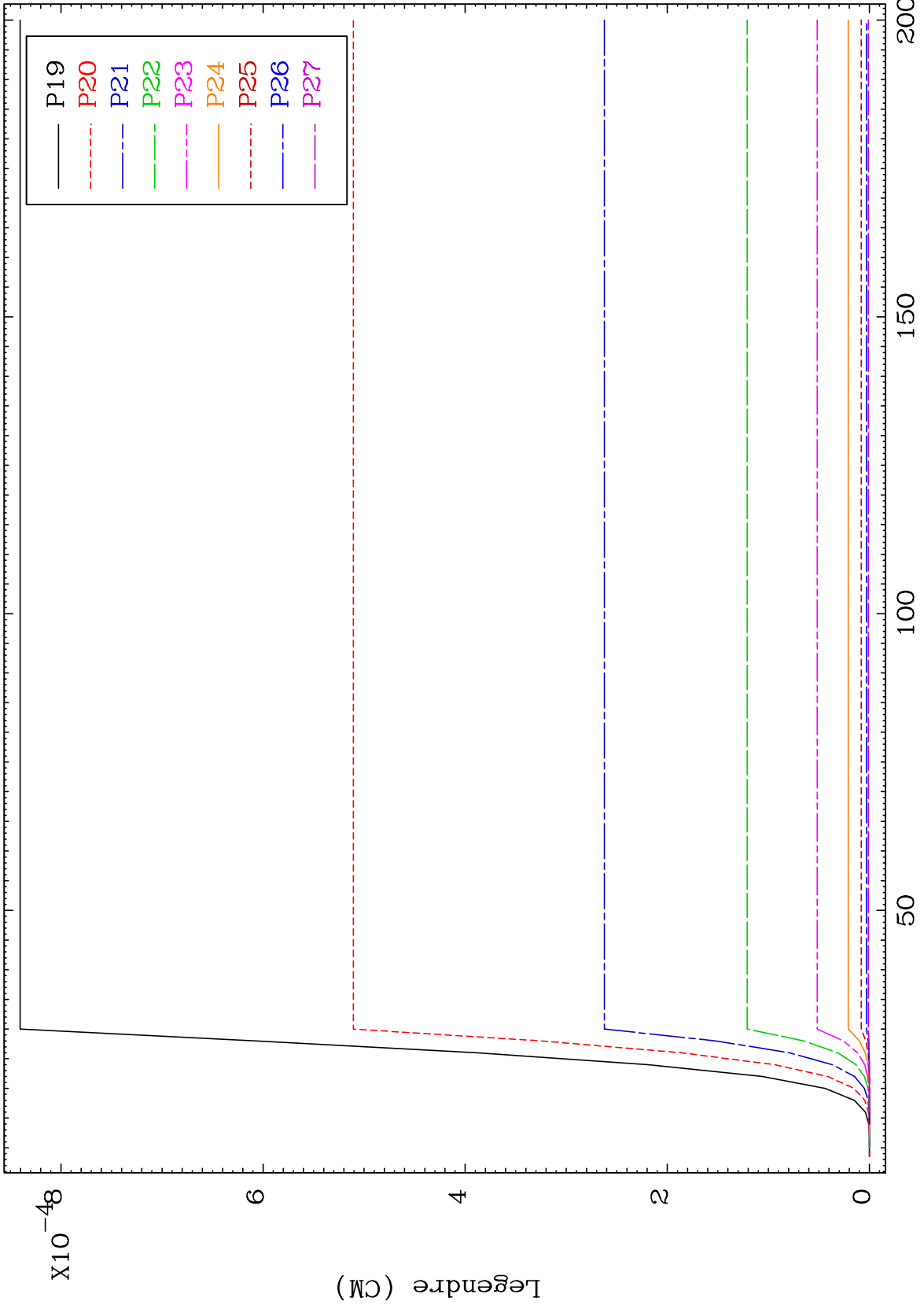
42-Mo-96



MAT 4237

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

42-Mo-96



82

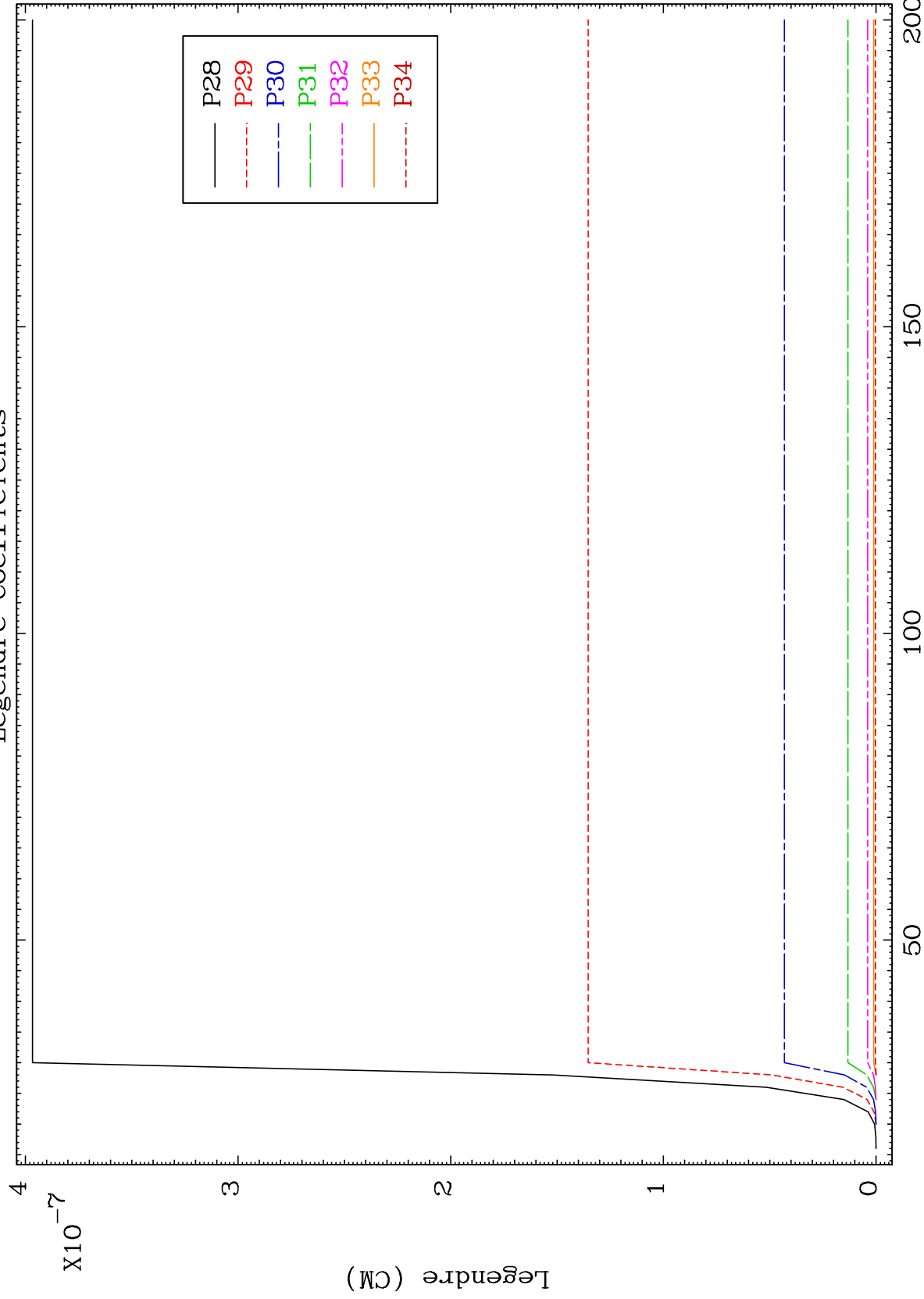
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



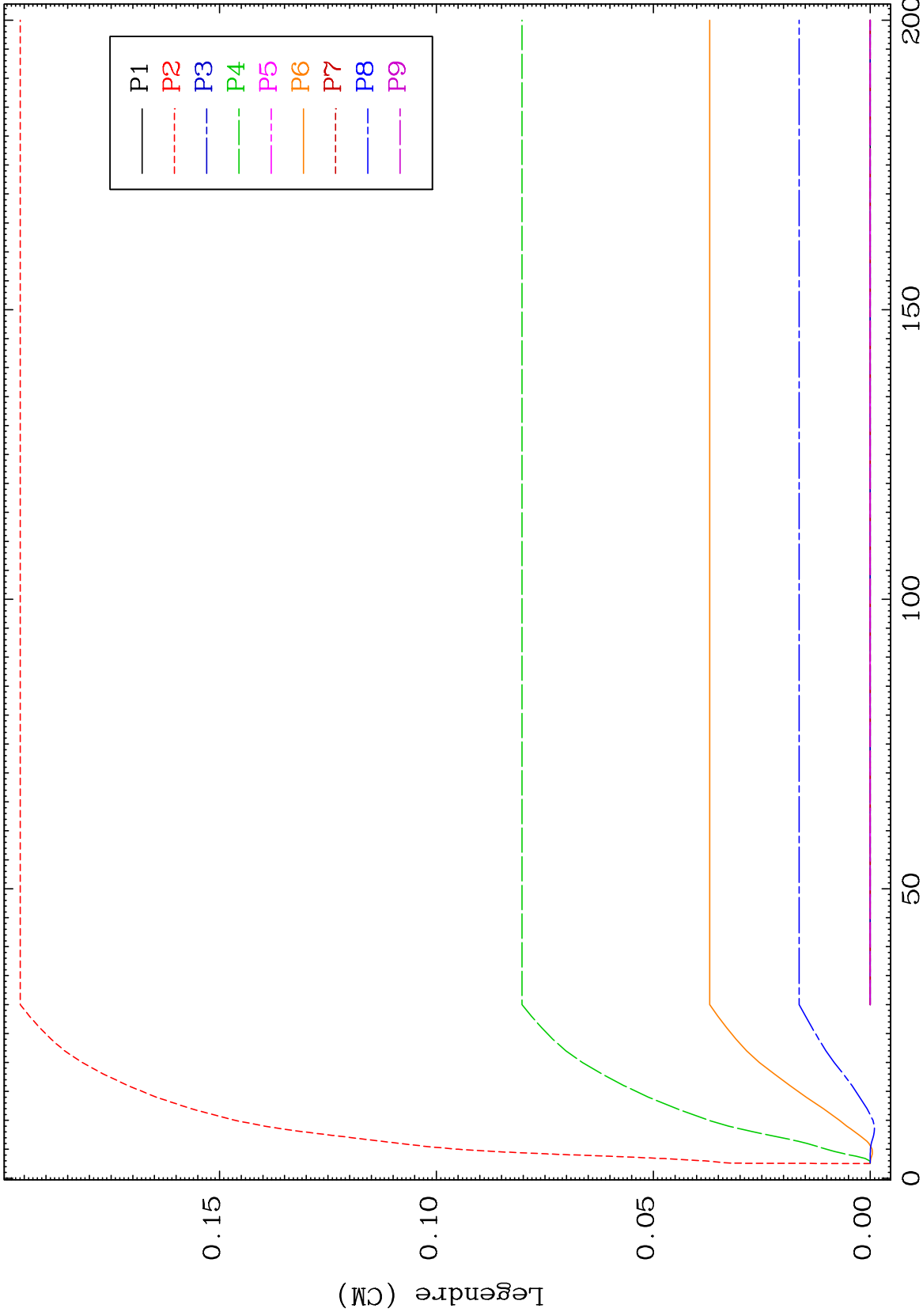
83

42-Mo-96

MAT 4237

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

42-Mo-96



84

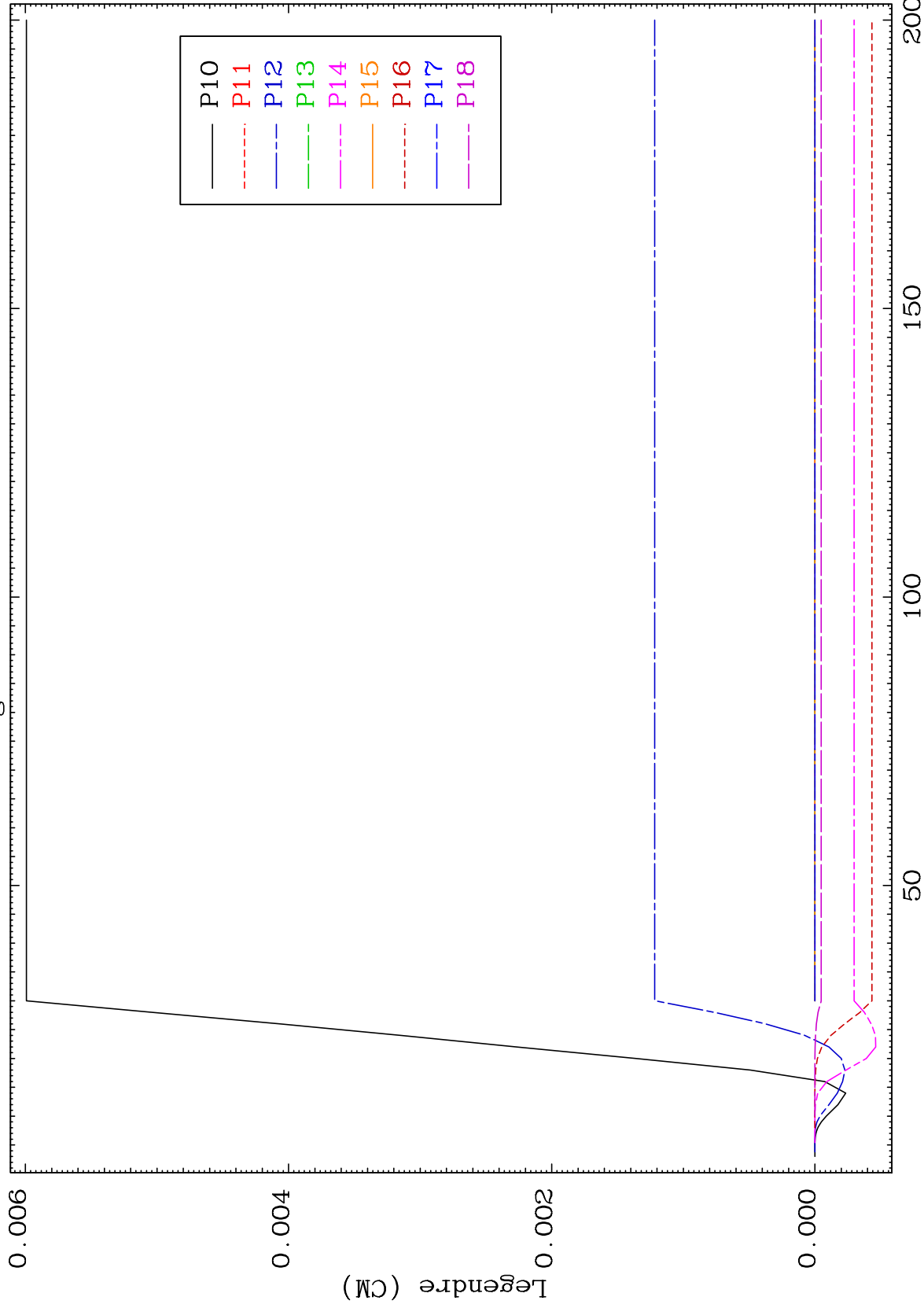
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



85

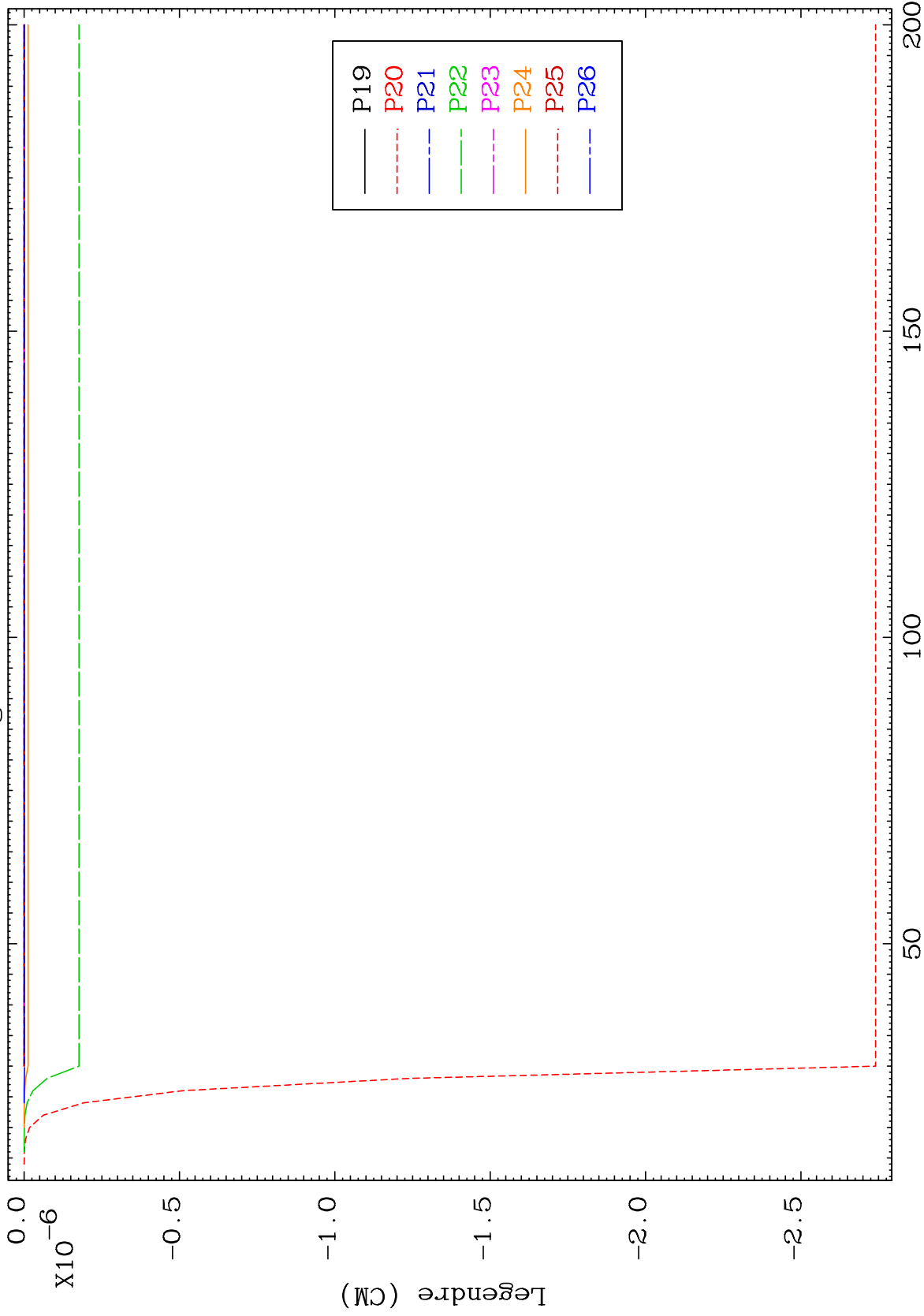
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



86

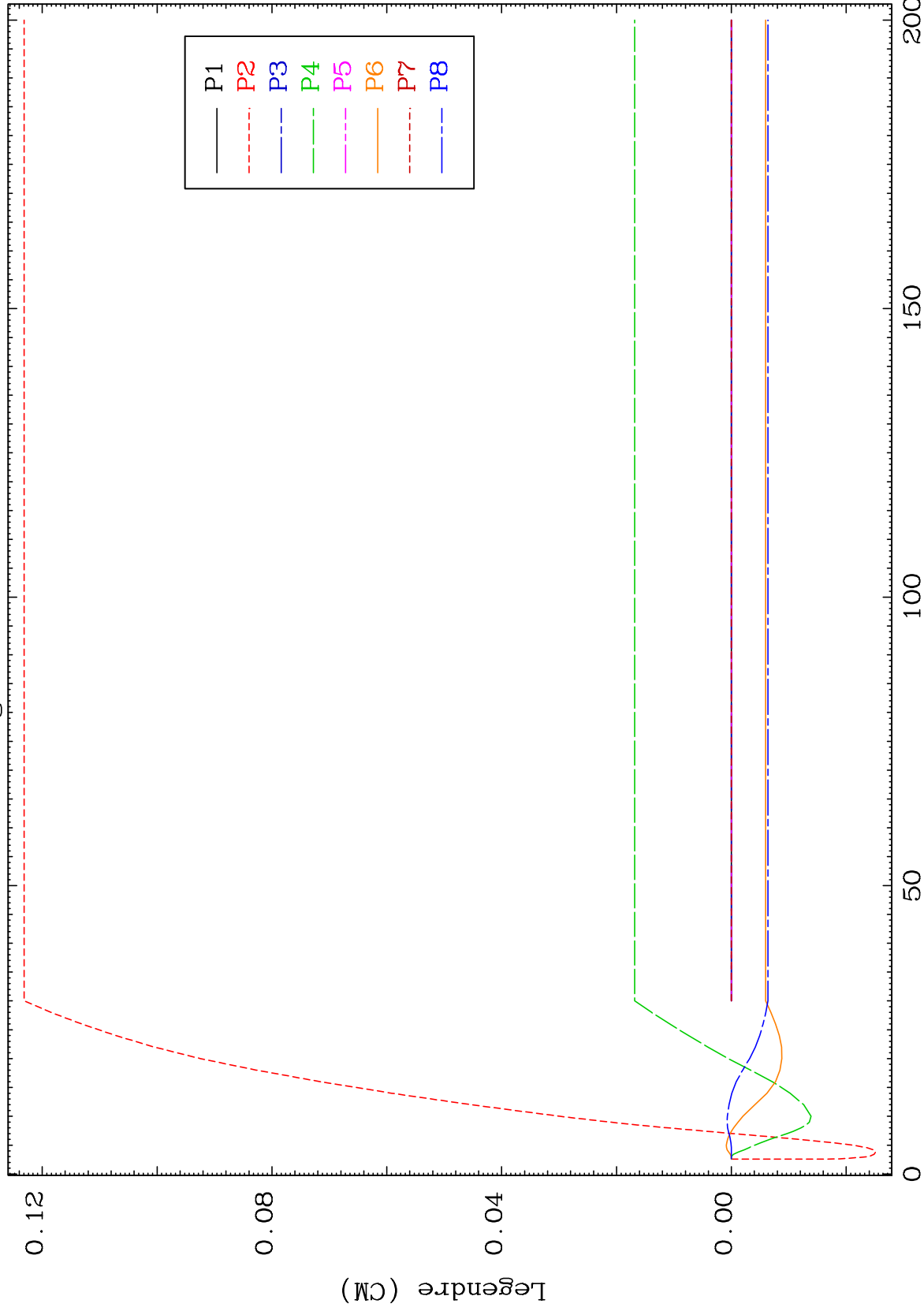
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

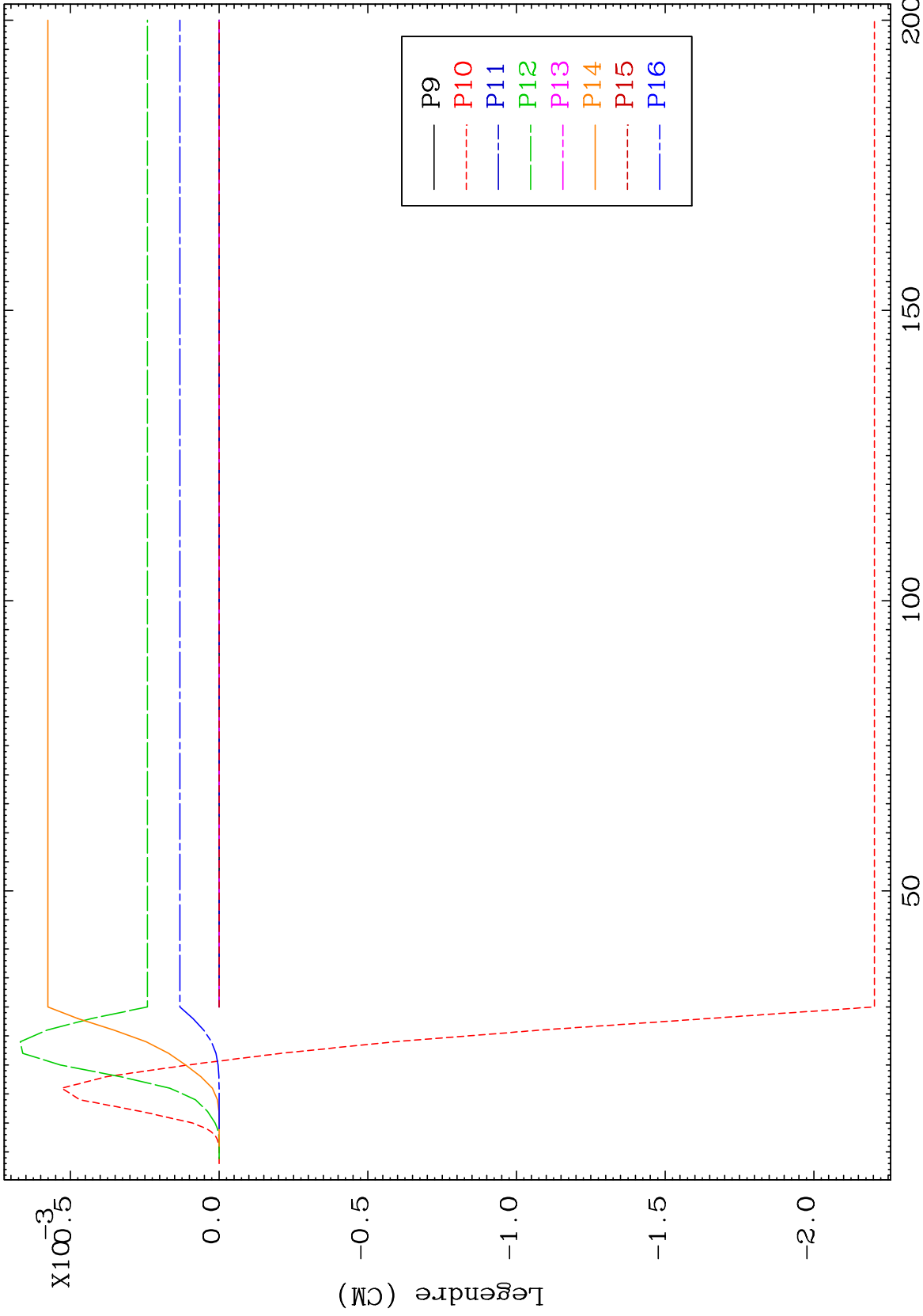
42-Mo-96



87

Incident Energy (MeV)

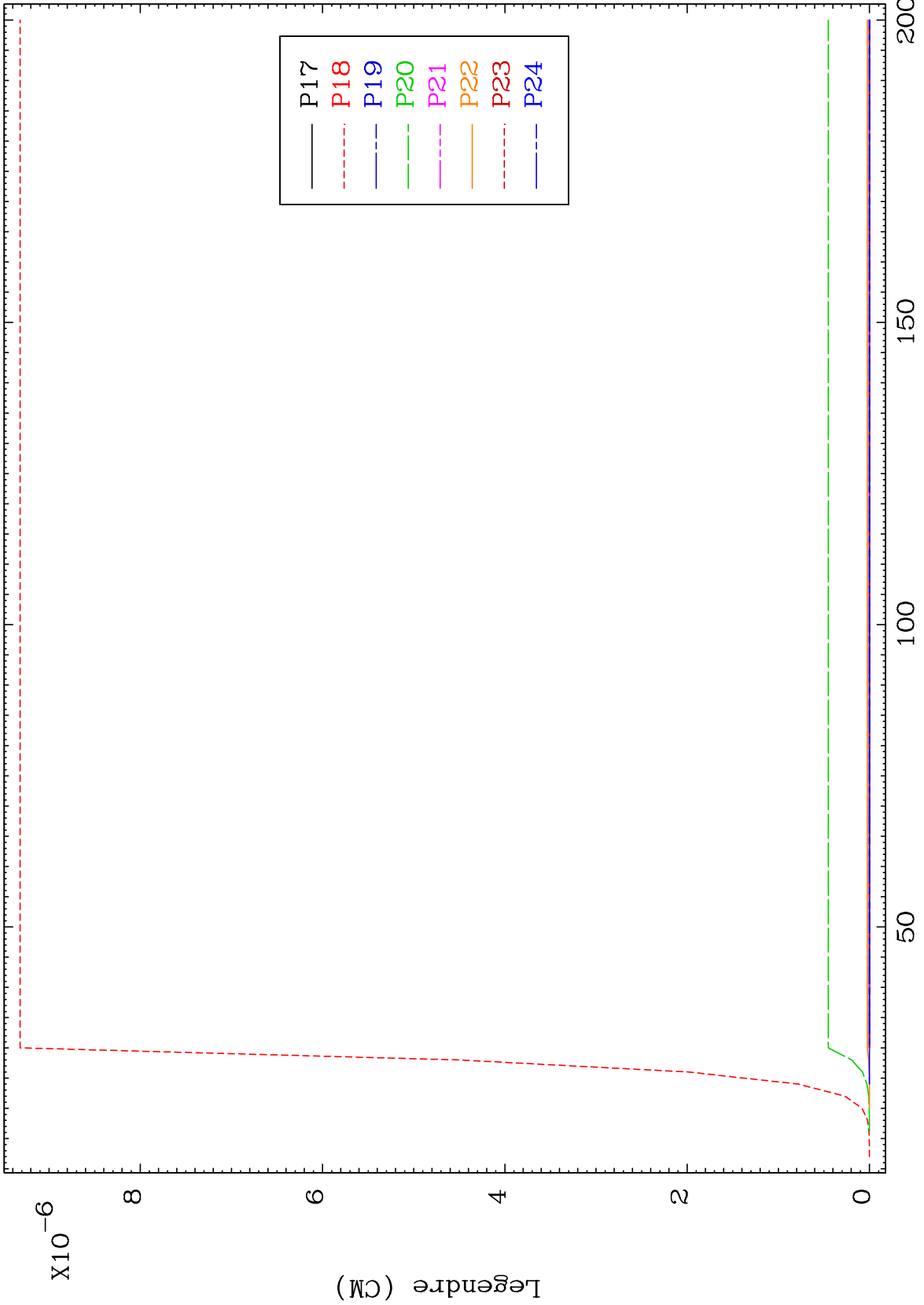
42-Mo-96



MAT 4237

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

42-Mo-96



89

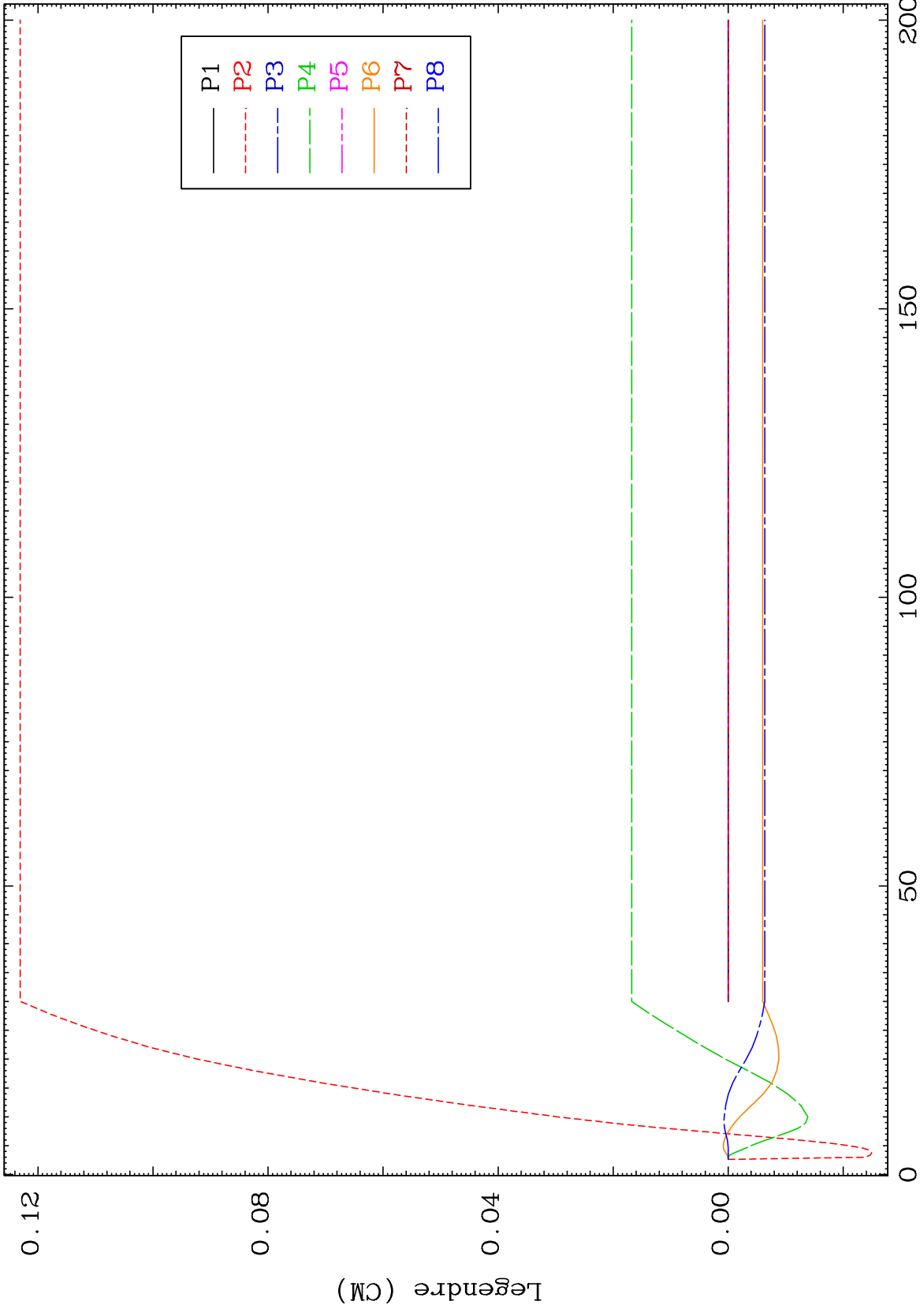
Incident Energy (MeV)

42-Mo-96

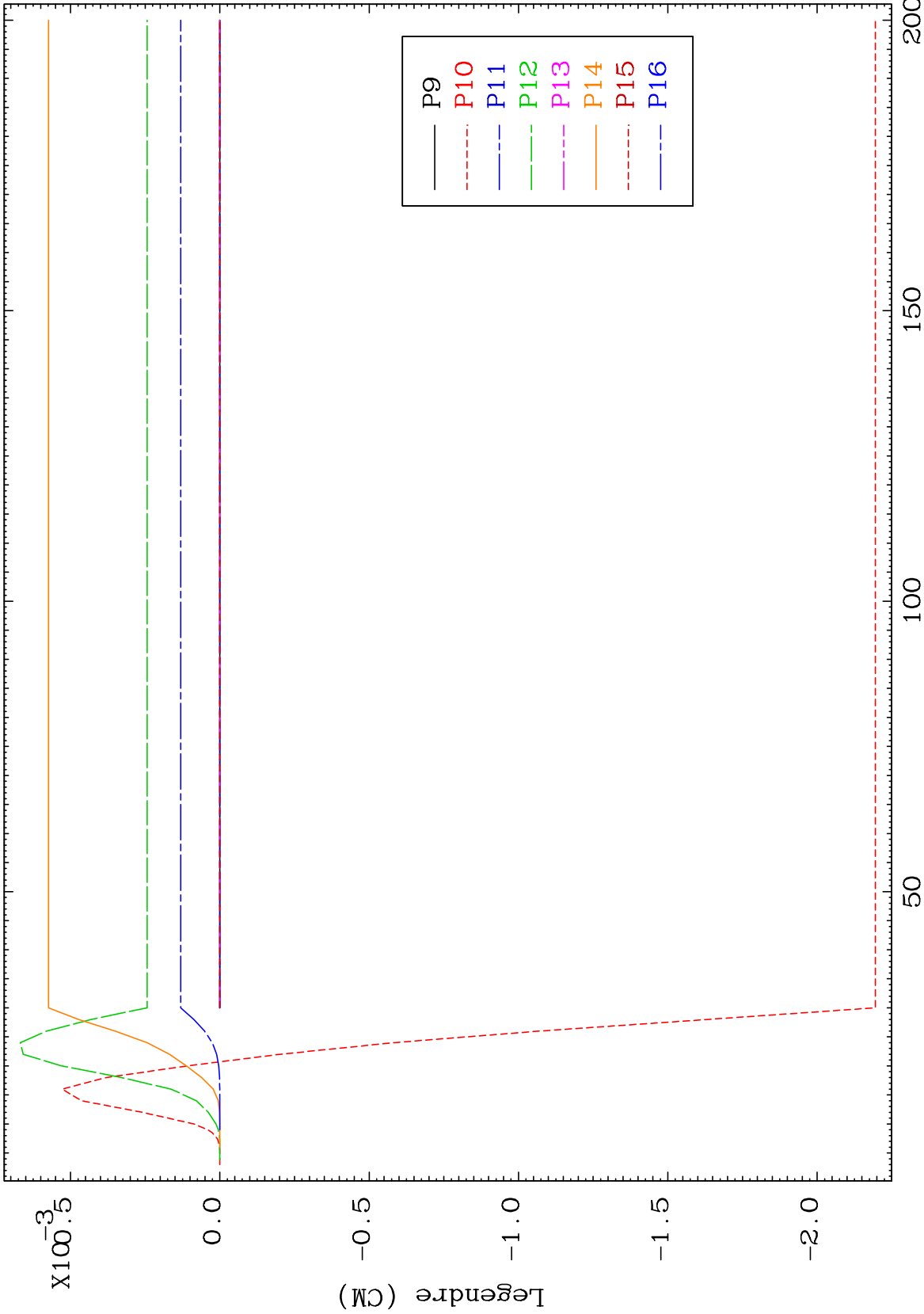
MAT 4237

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

42-Mo-96



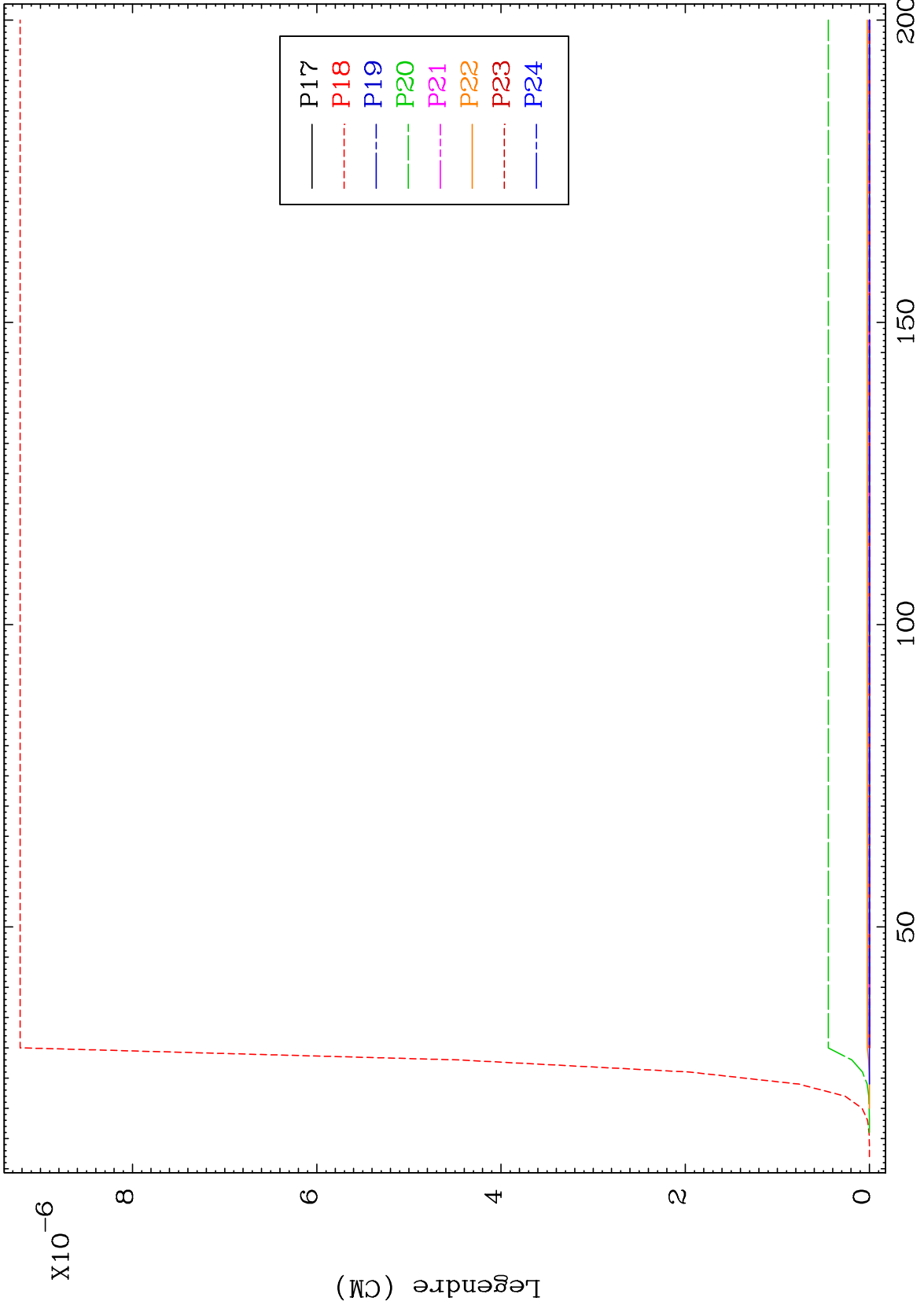
42-Mo-96



MAT 4237

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

42-Mo-96



92

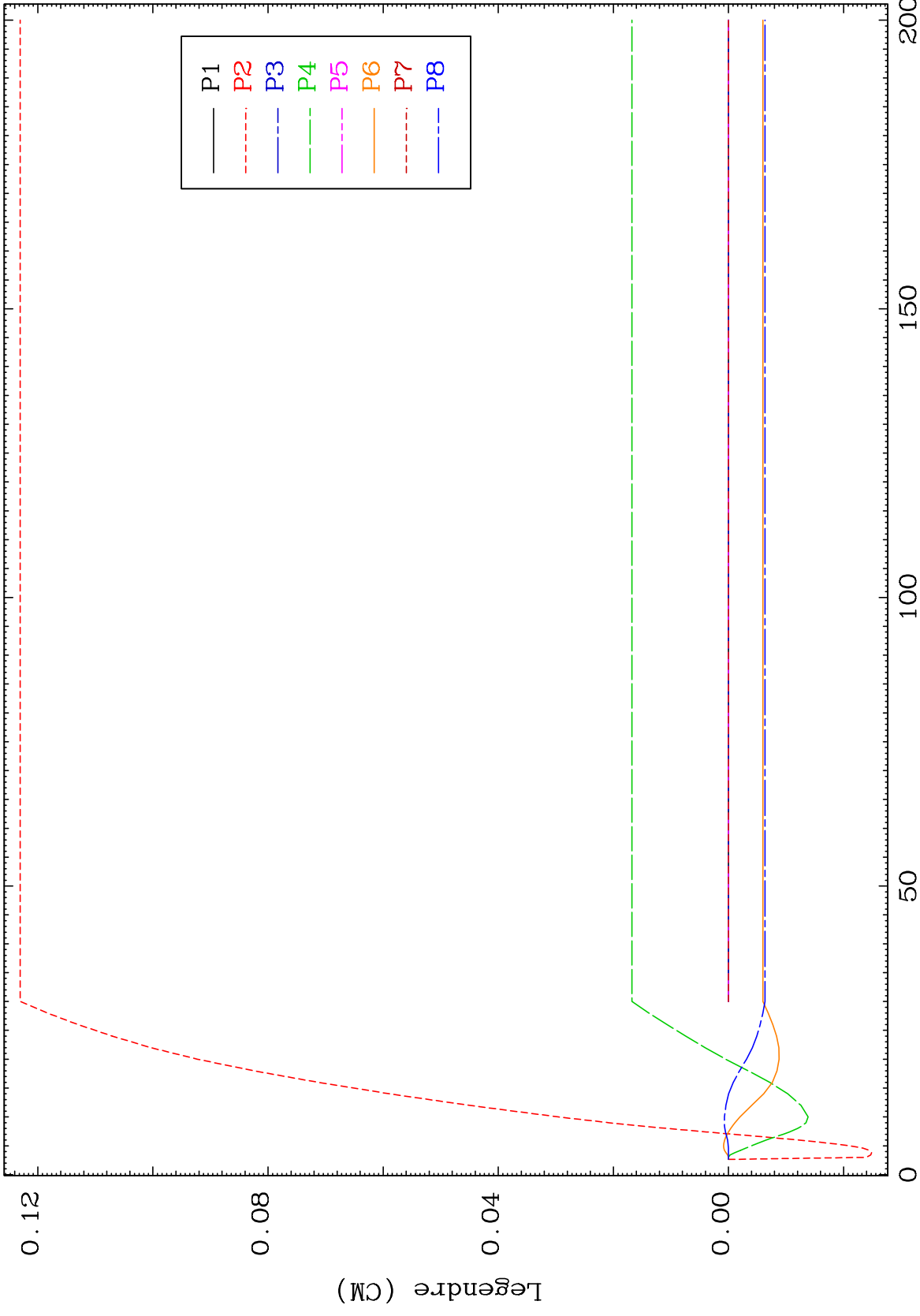
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

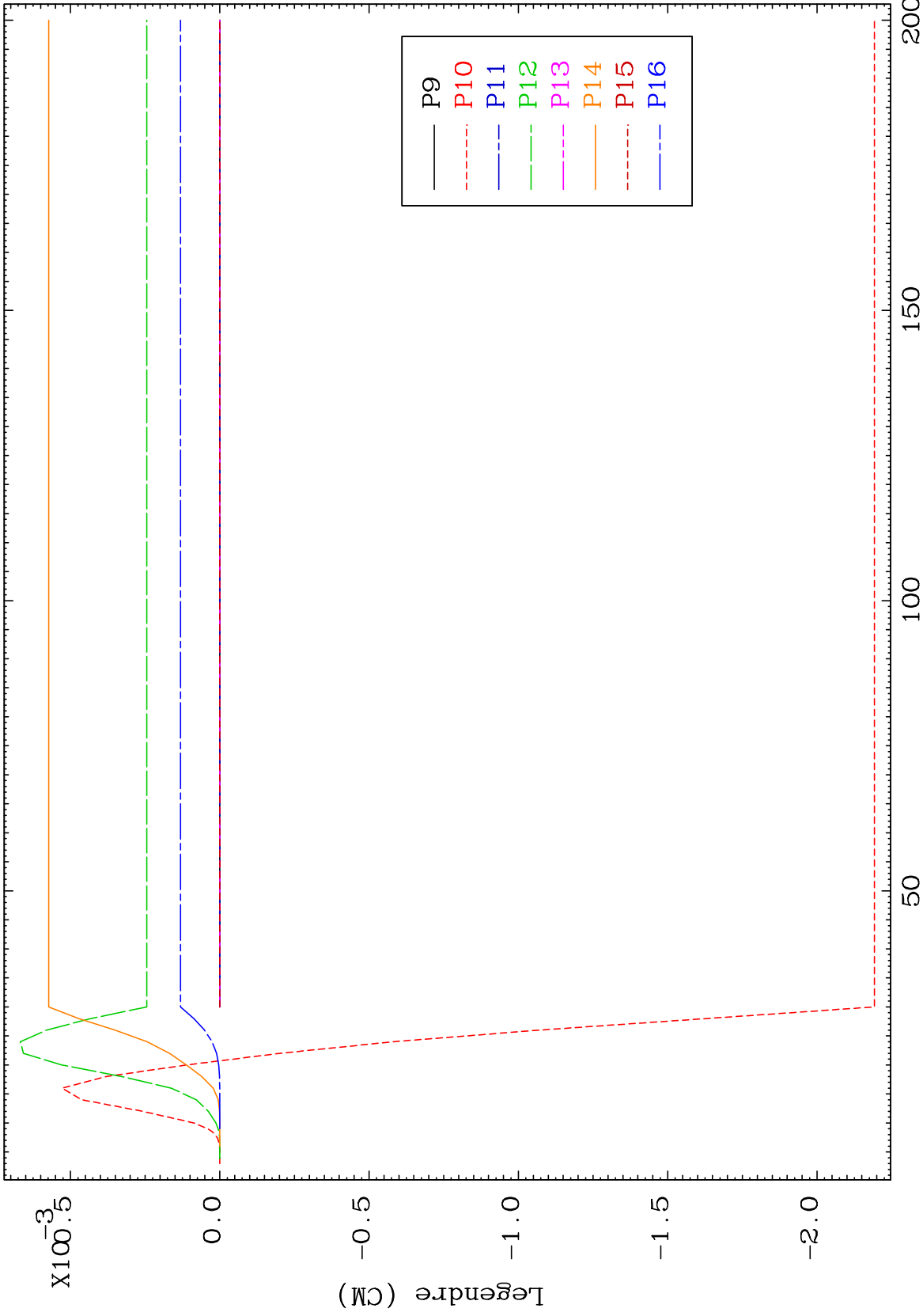
42-Mo-96



93

Incident Energy (MeV)

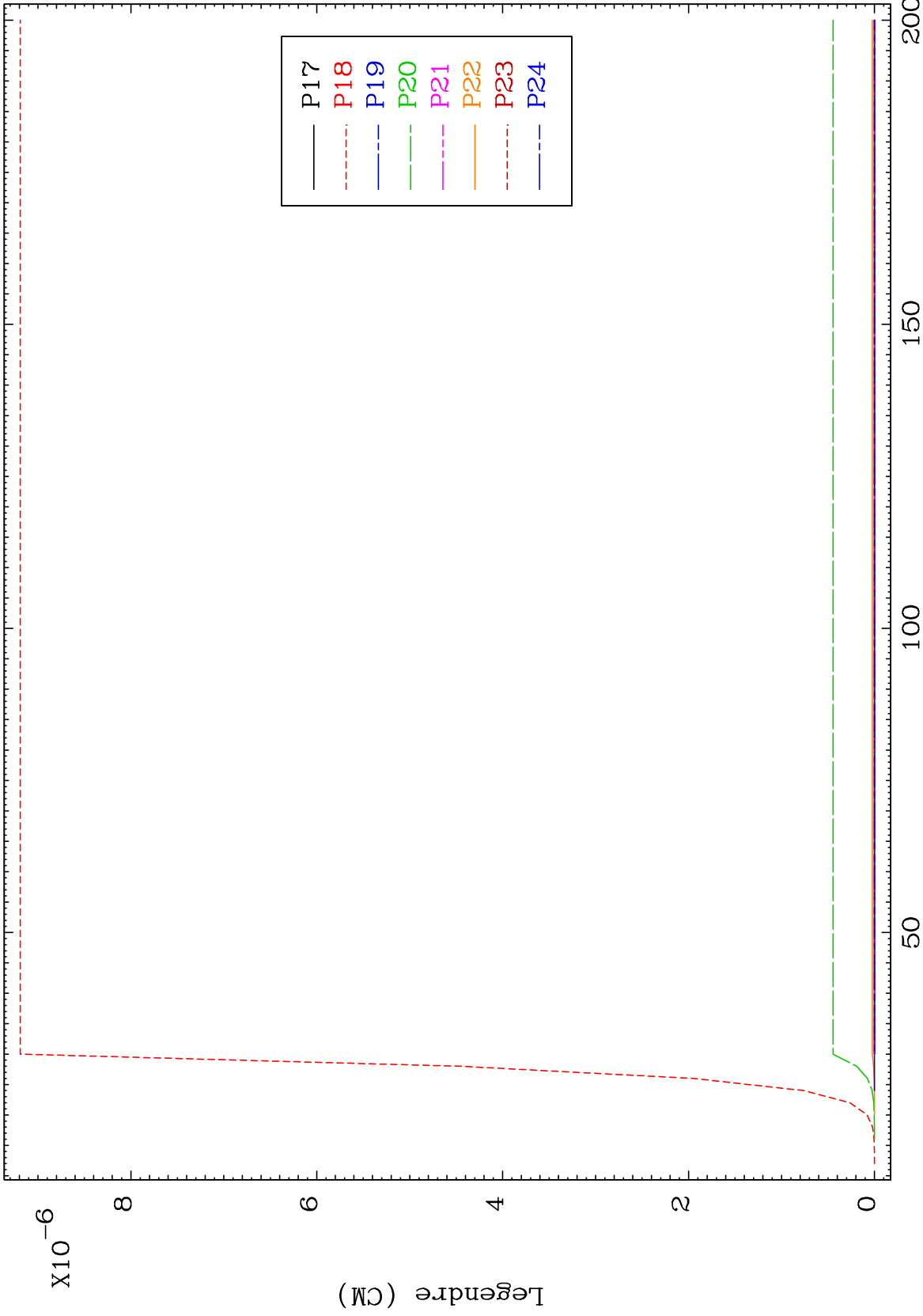
42-Mo-96



MAT 4237

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

42-Mo-96



95

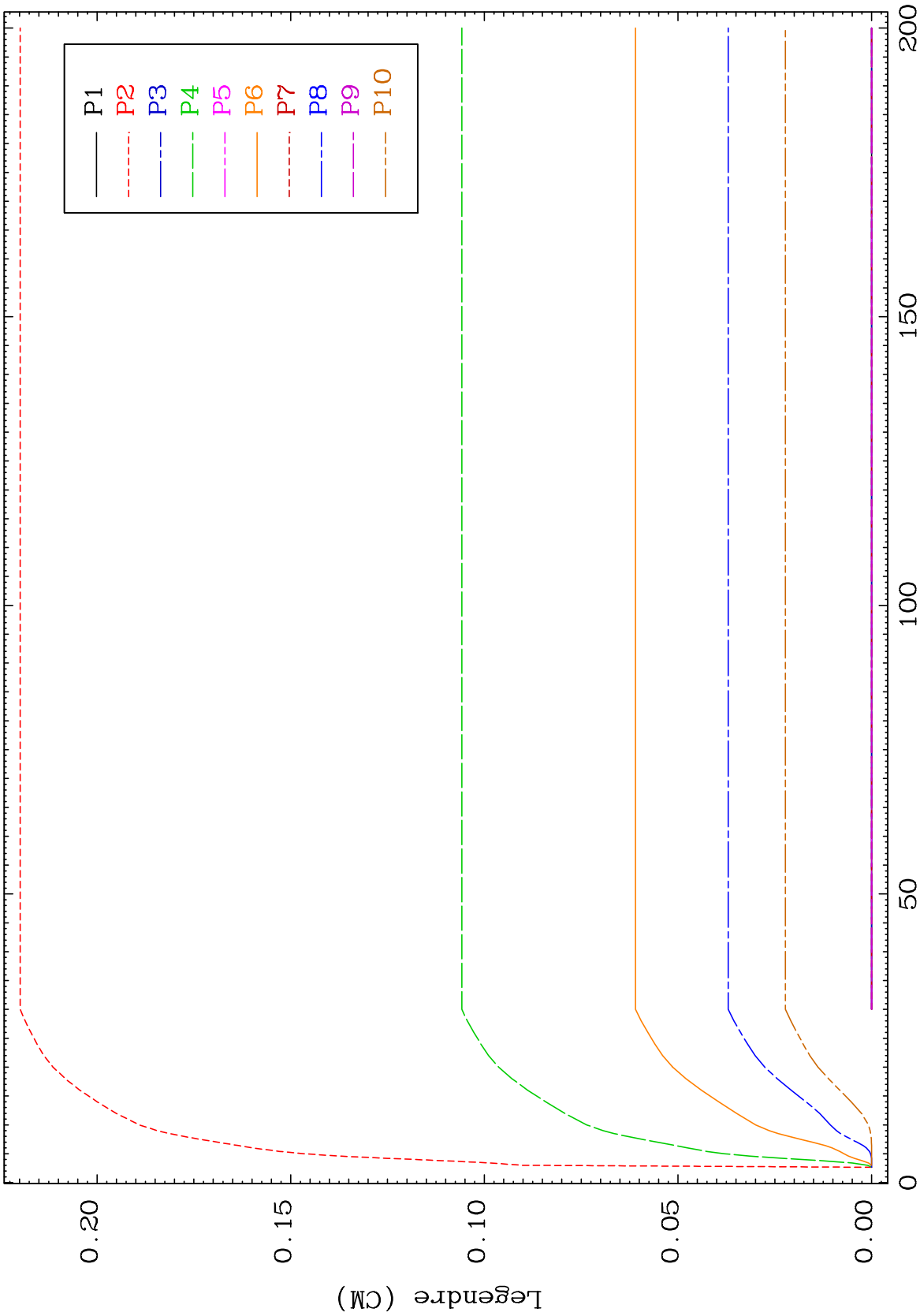
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



96

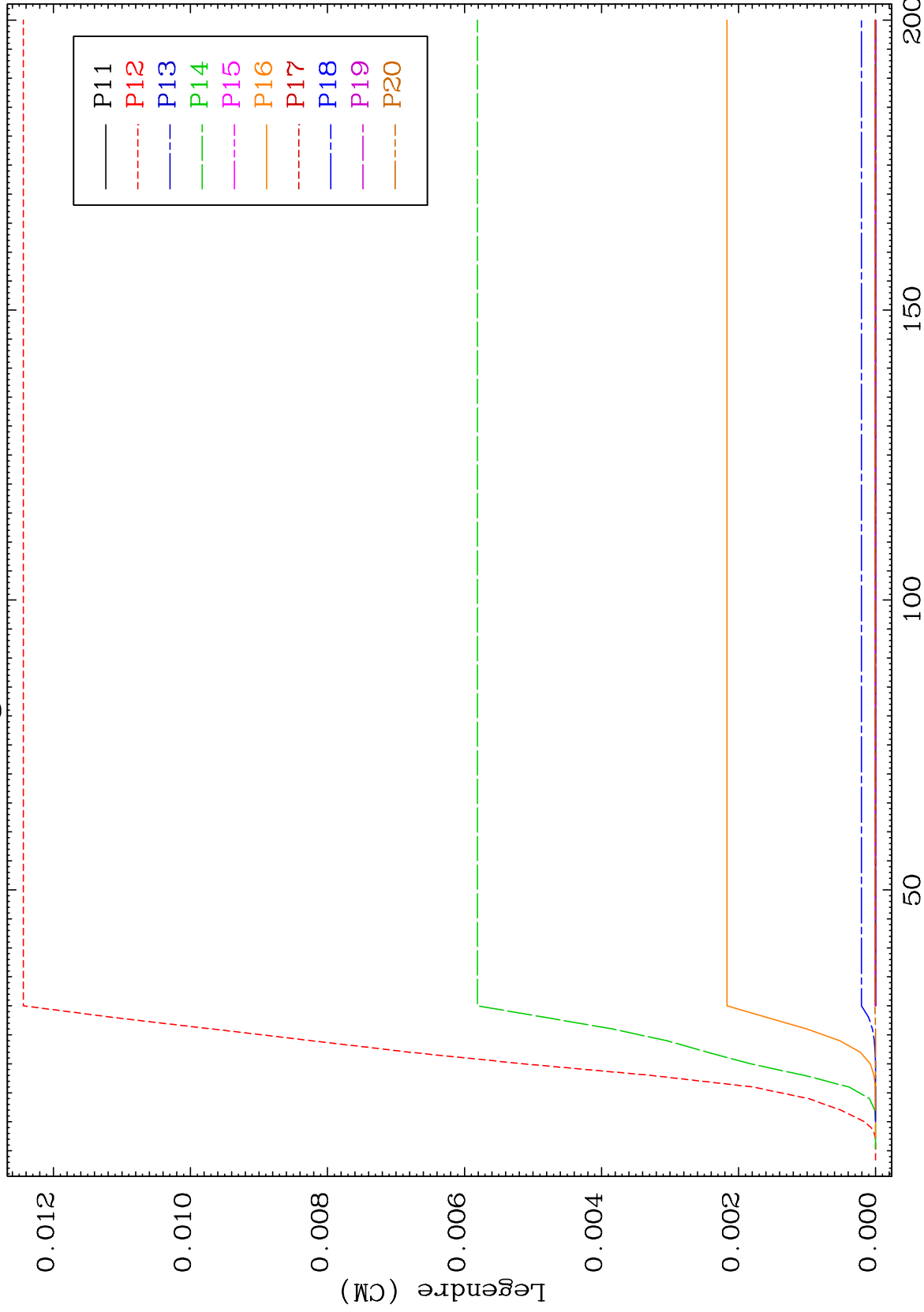
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



97

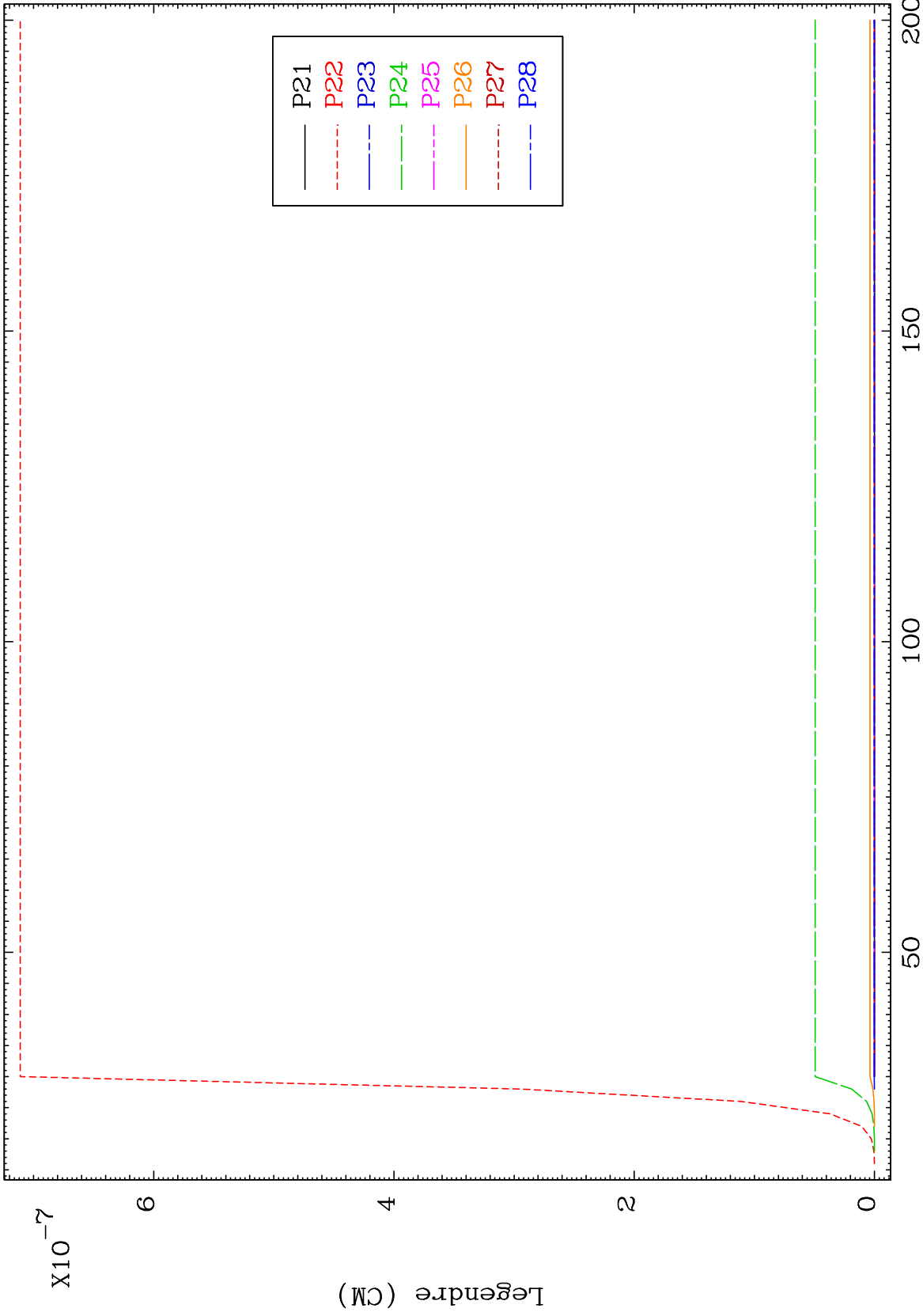
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



98

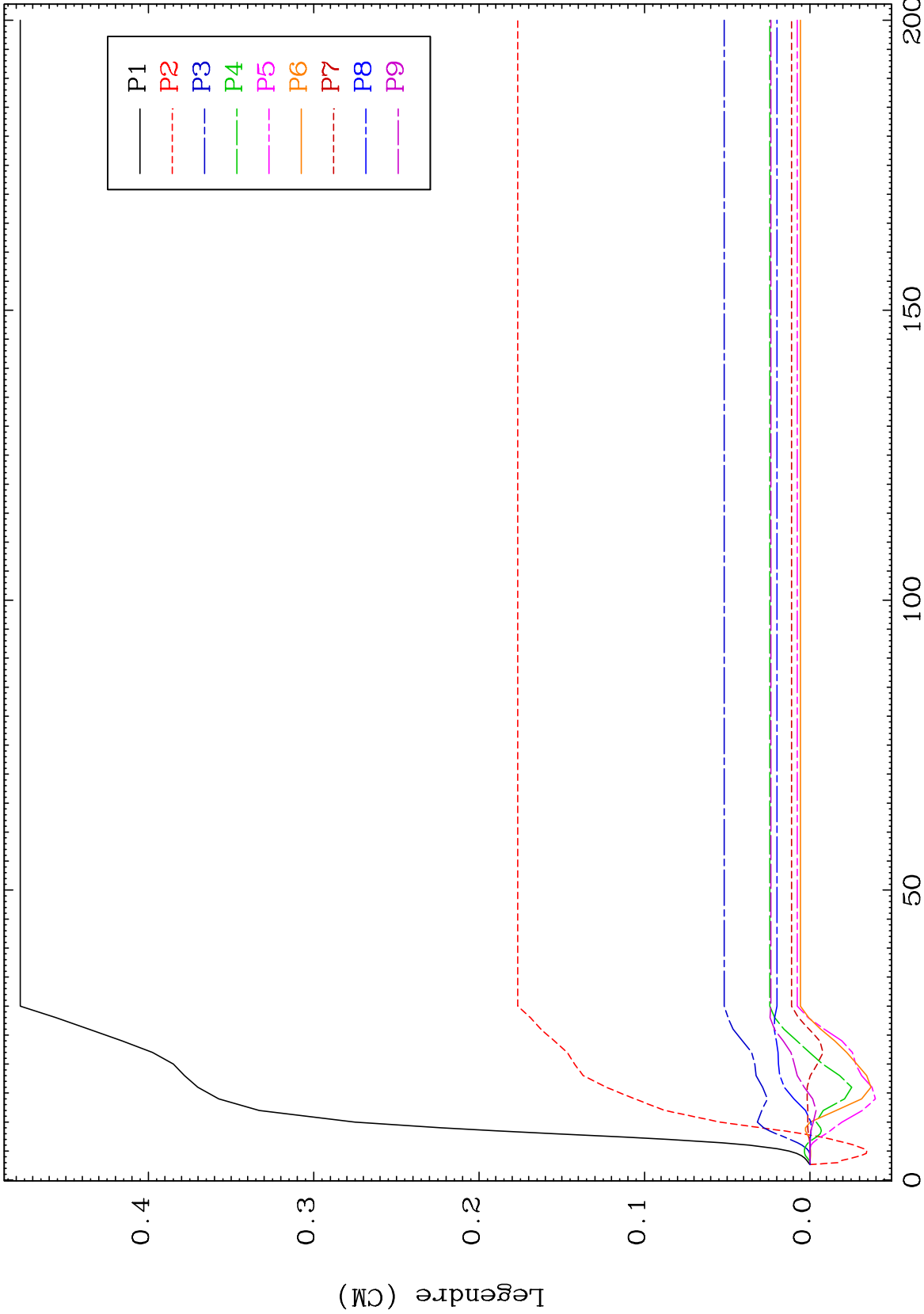
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



99

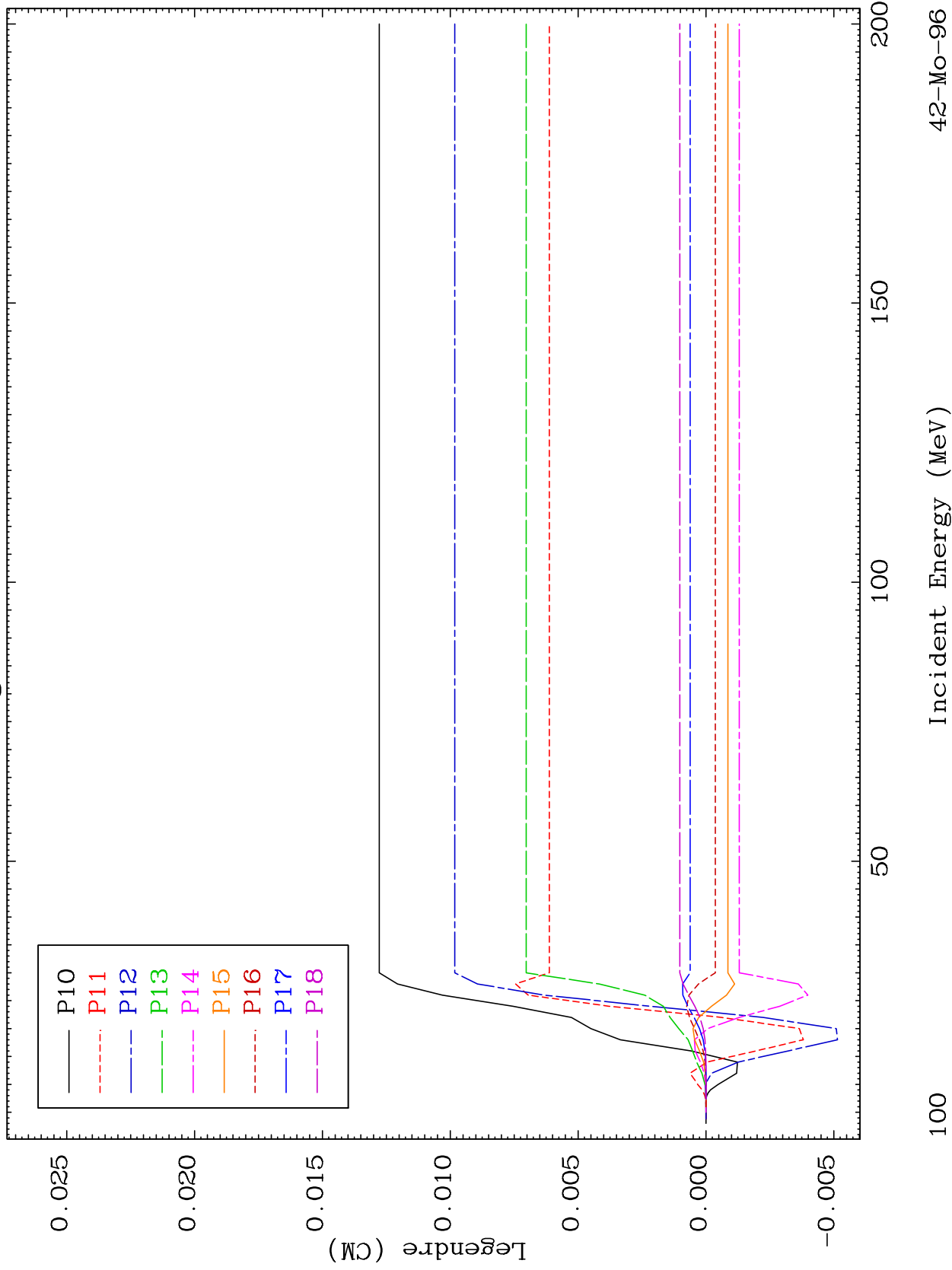
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

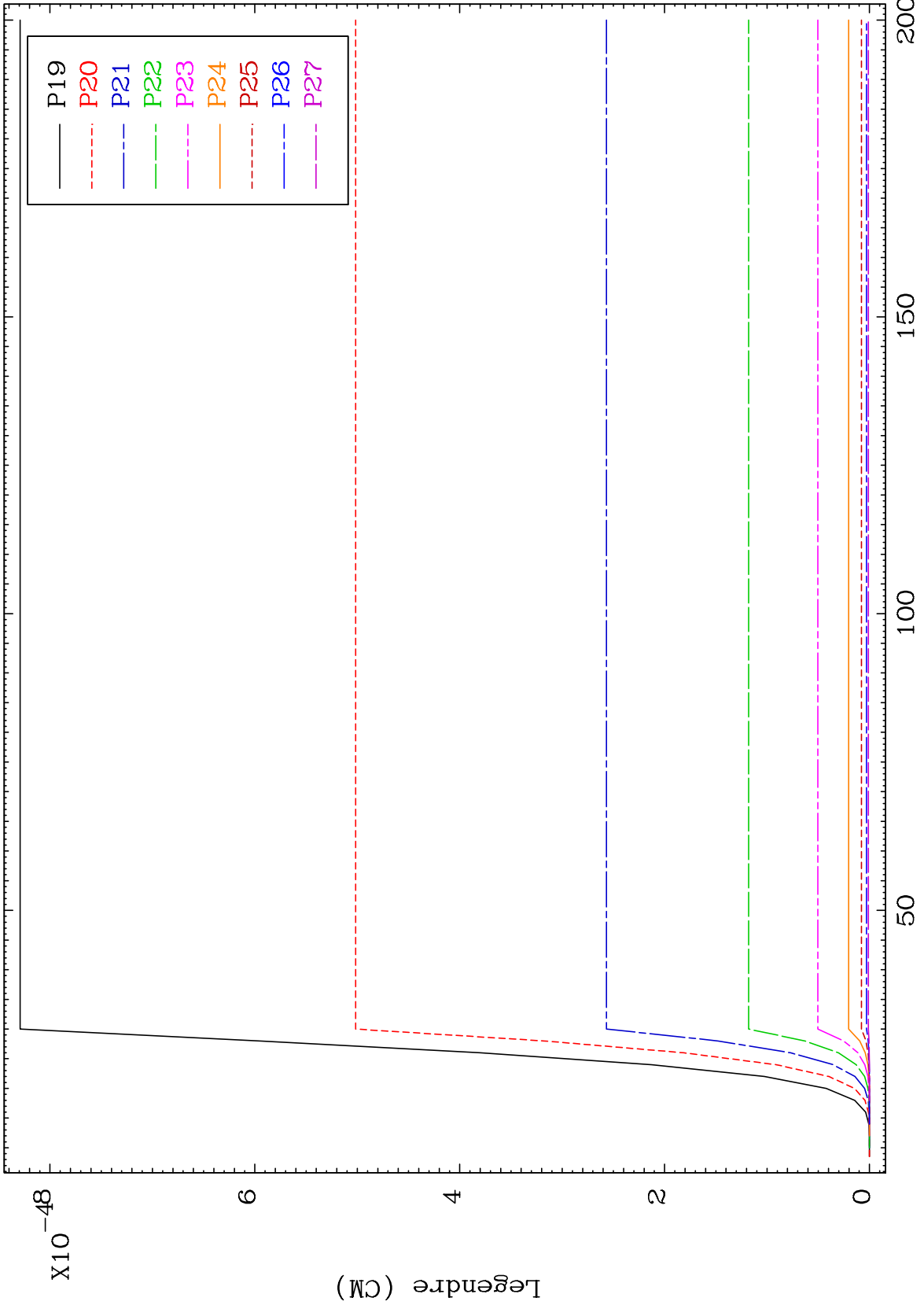
42-Mo-96



MAT 4237

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

42-Mo-96



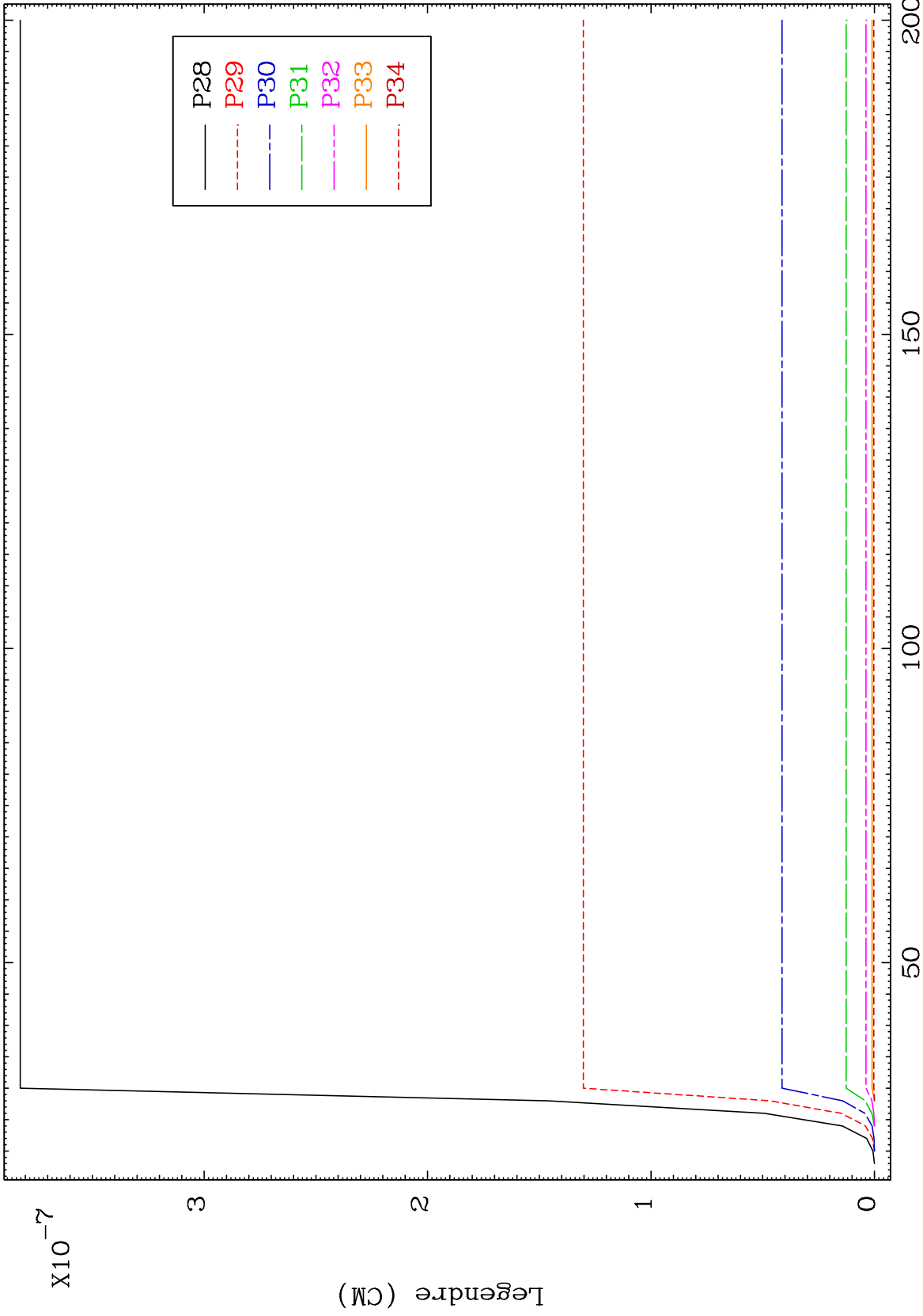
101

42-Mo-96

MAT 4237

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

42-Mo-96



102

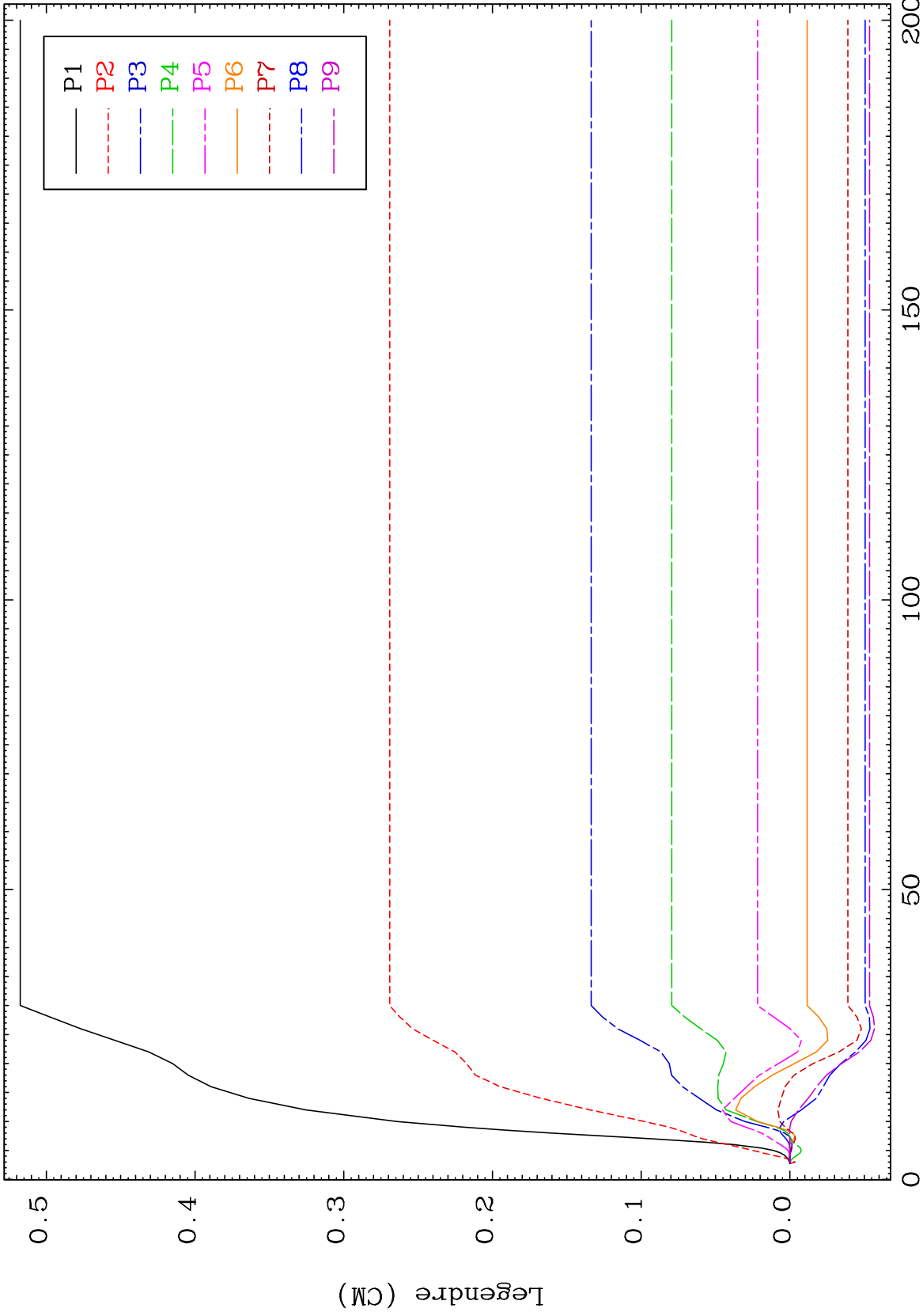
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



103

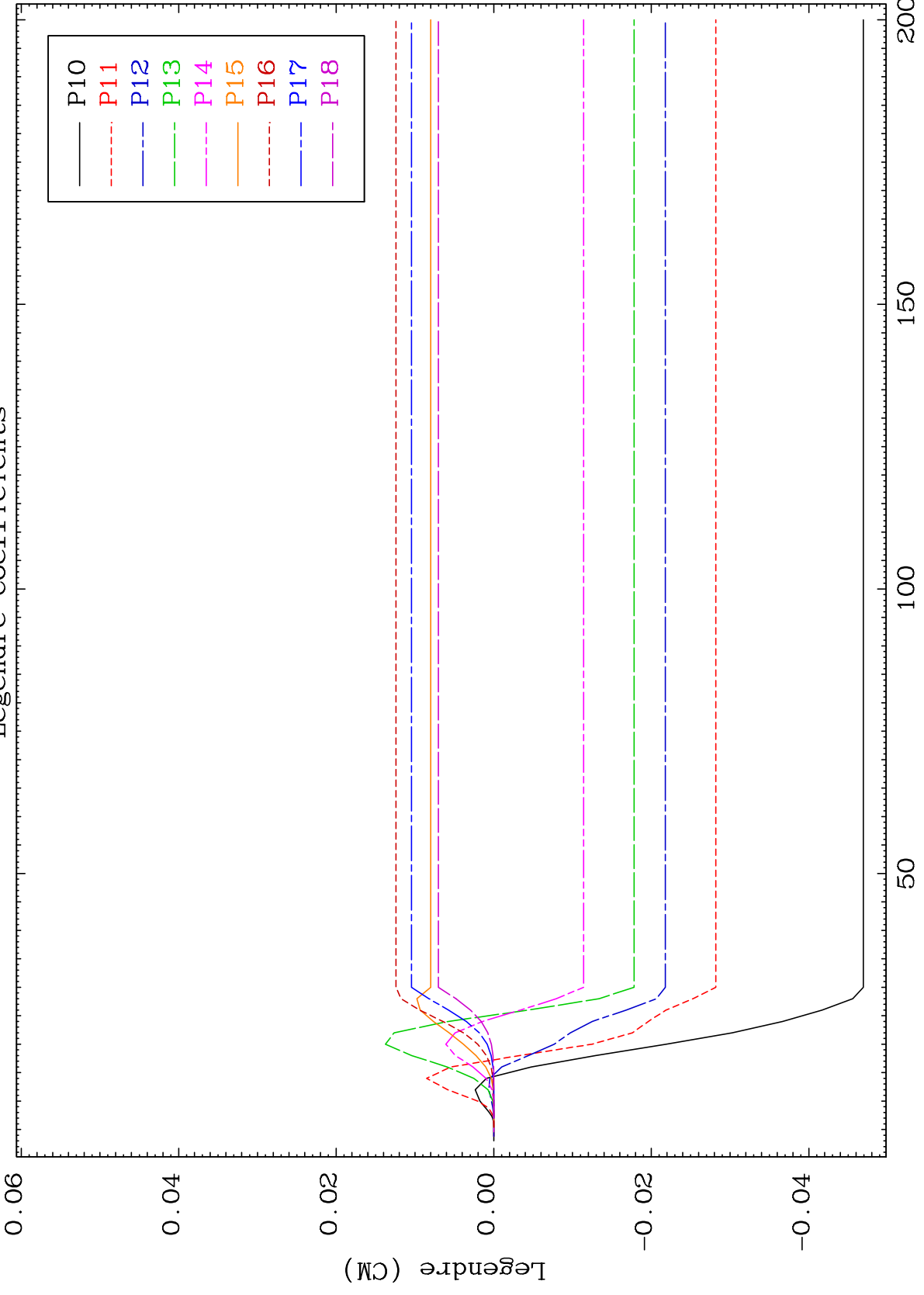
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



104

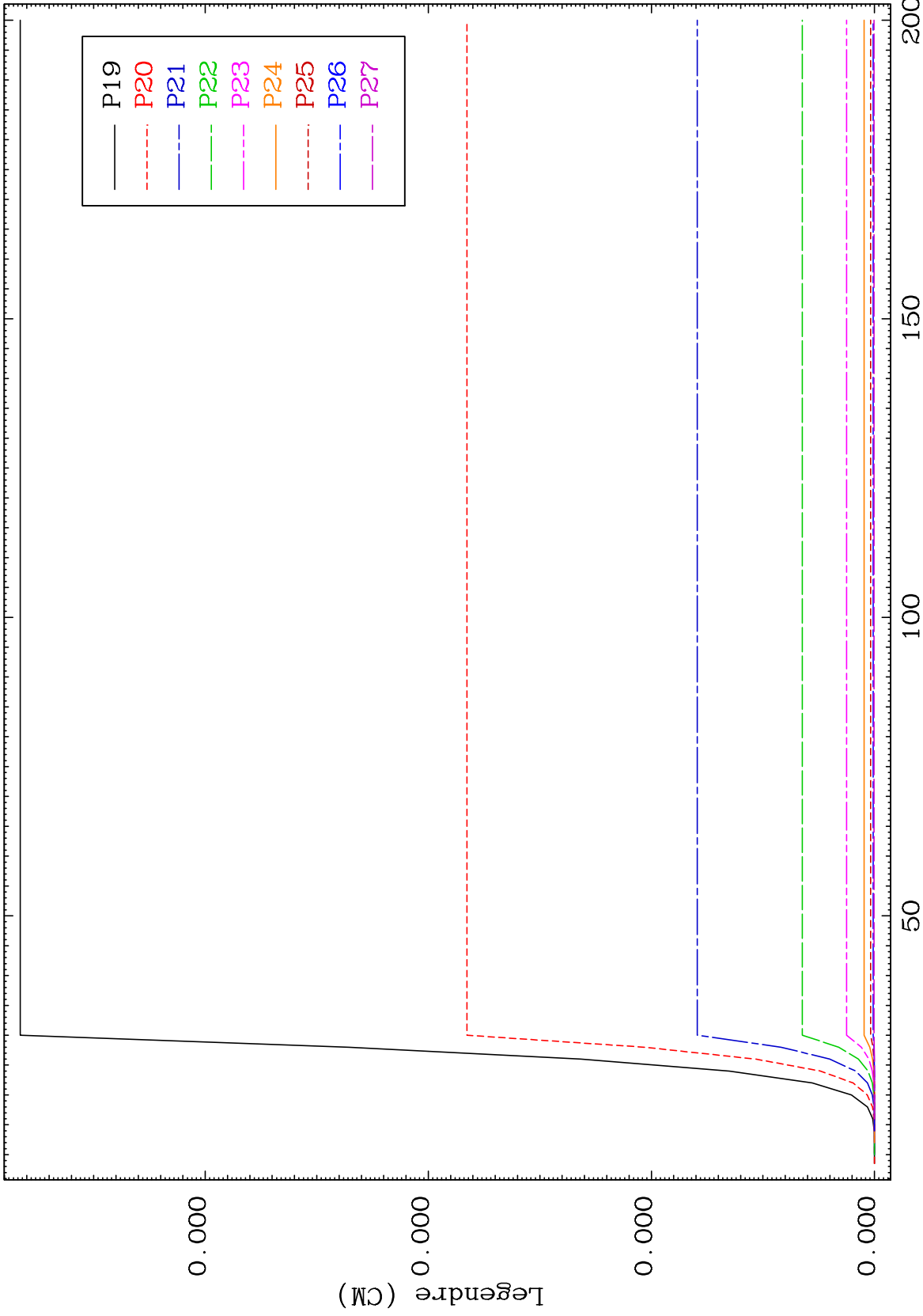
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



105

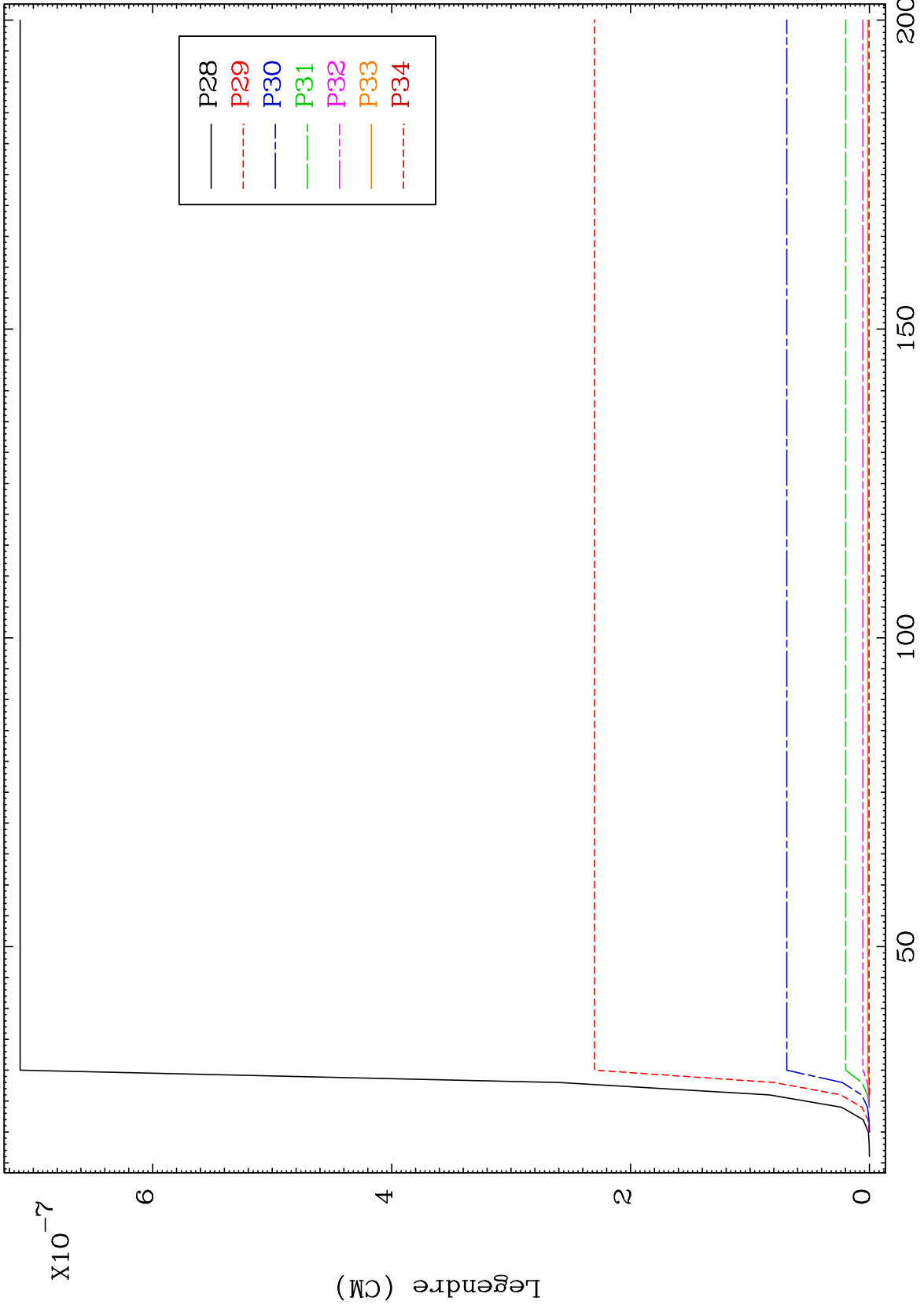
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



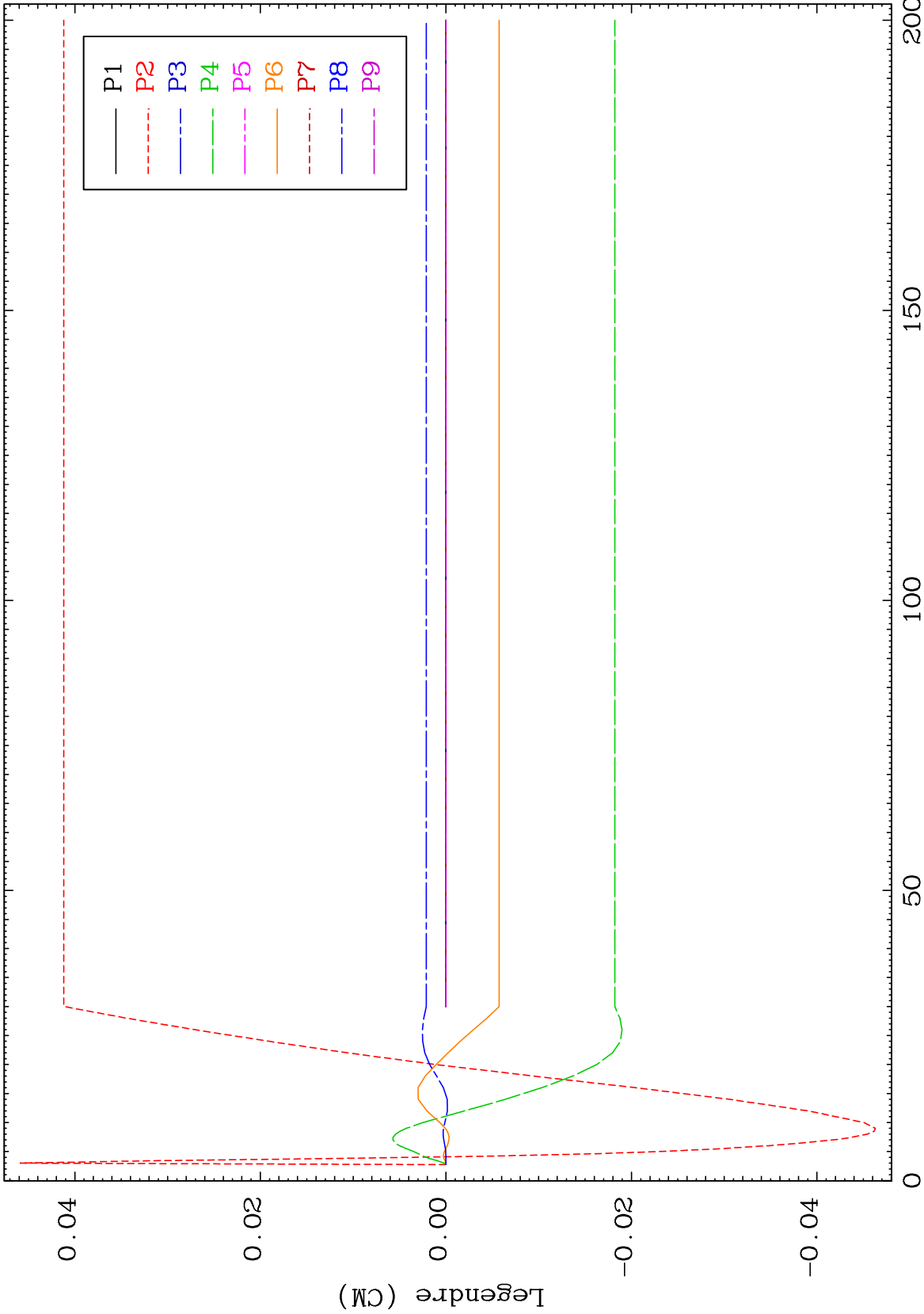
106

42-Mo-96

MAT 4237

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

42-Mo-96



107

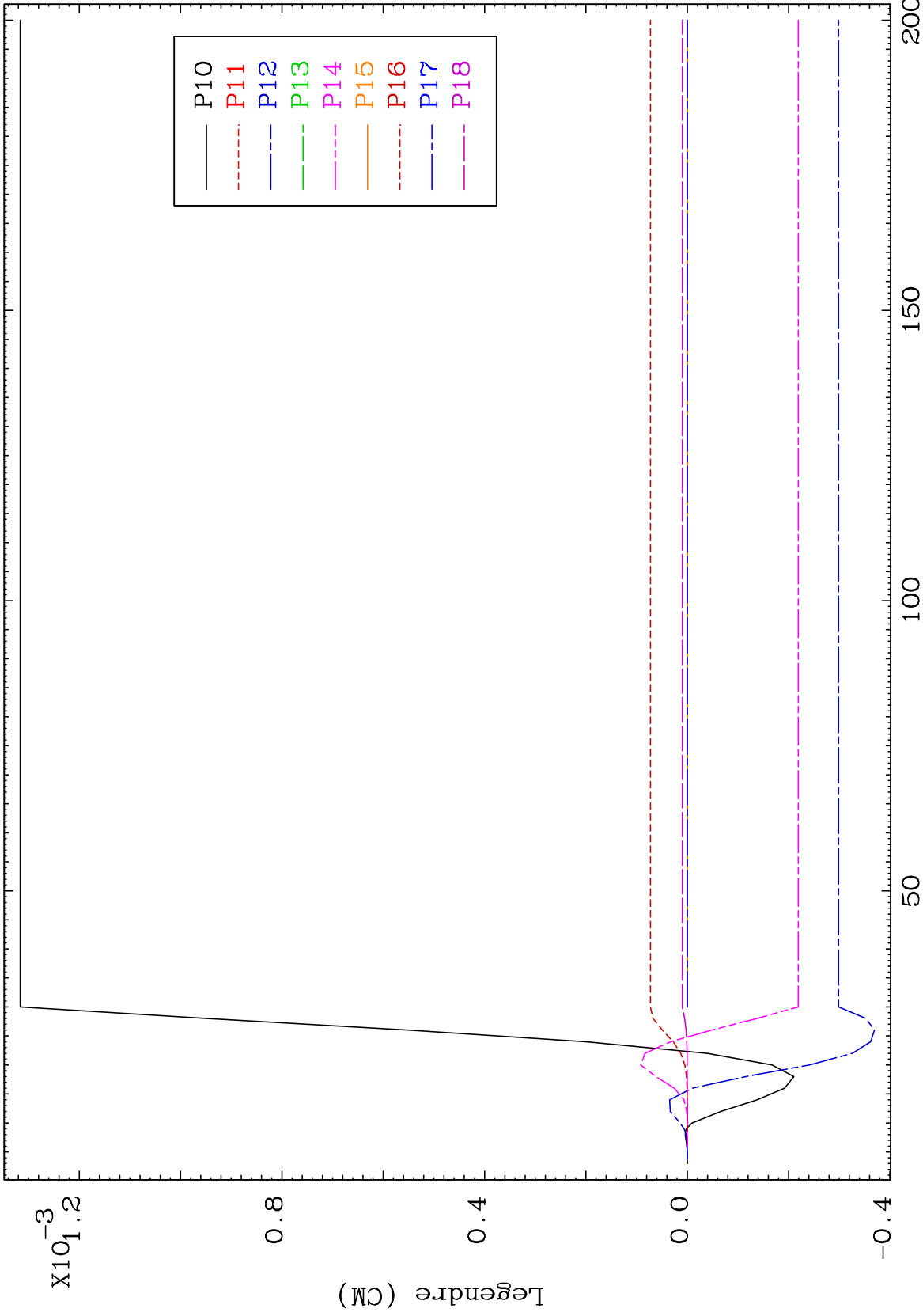
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



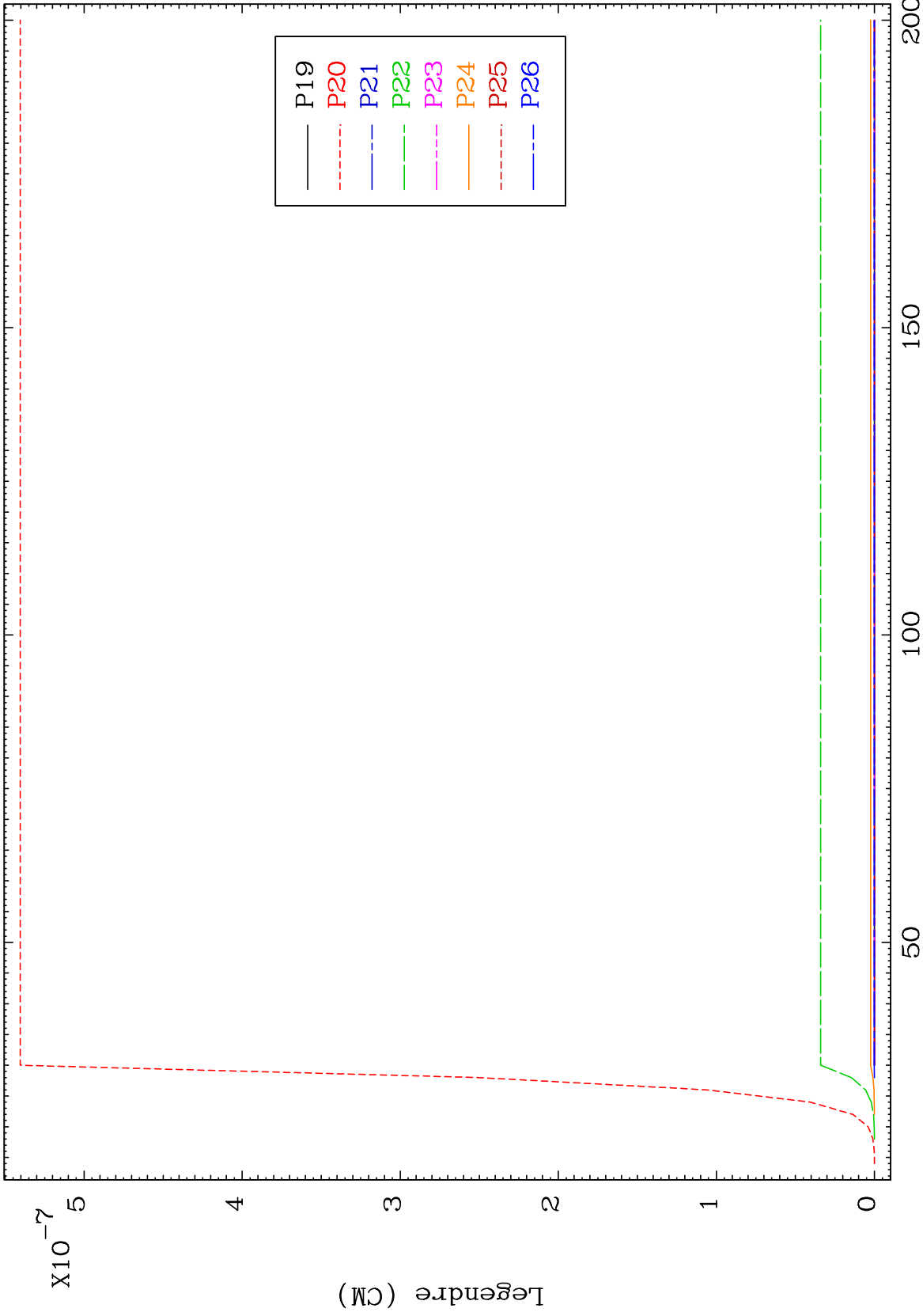
108

42-Mo-96

MAT 4237

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

42-Mo-96



109

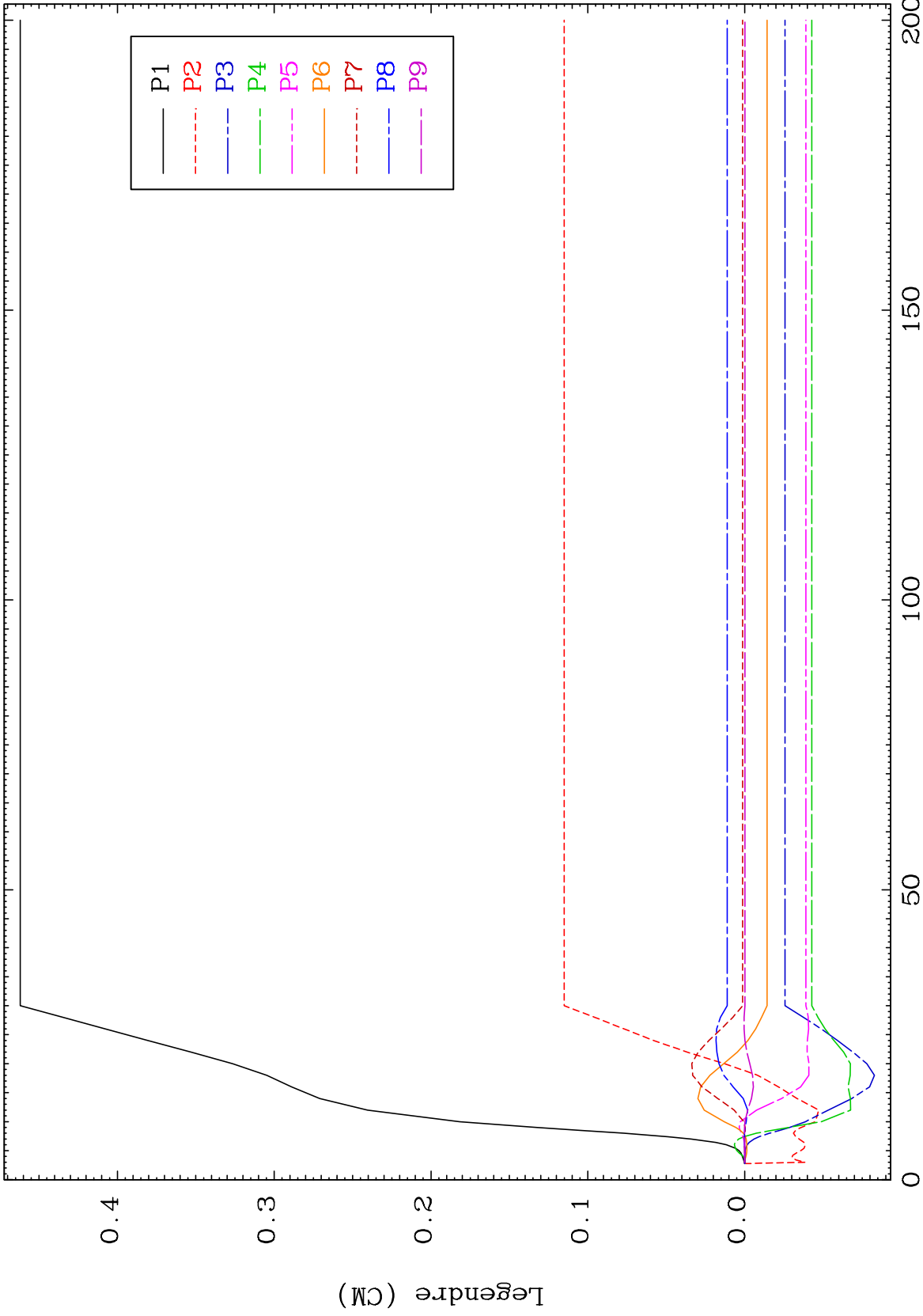
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



110

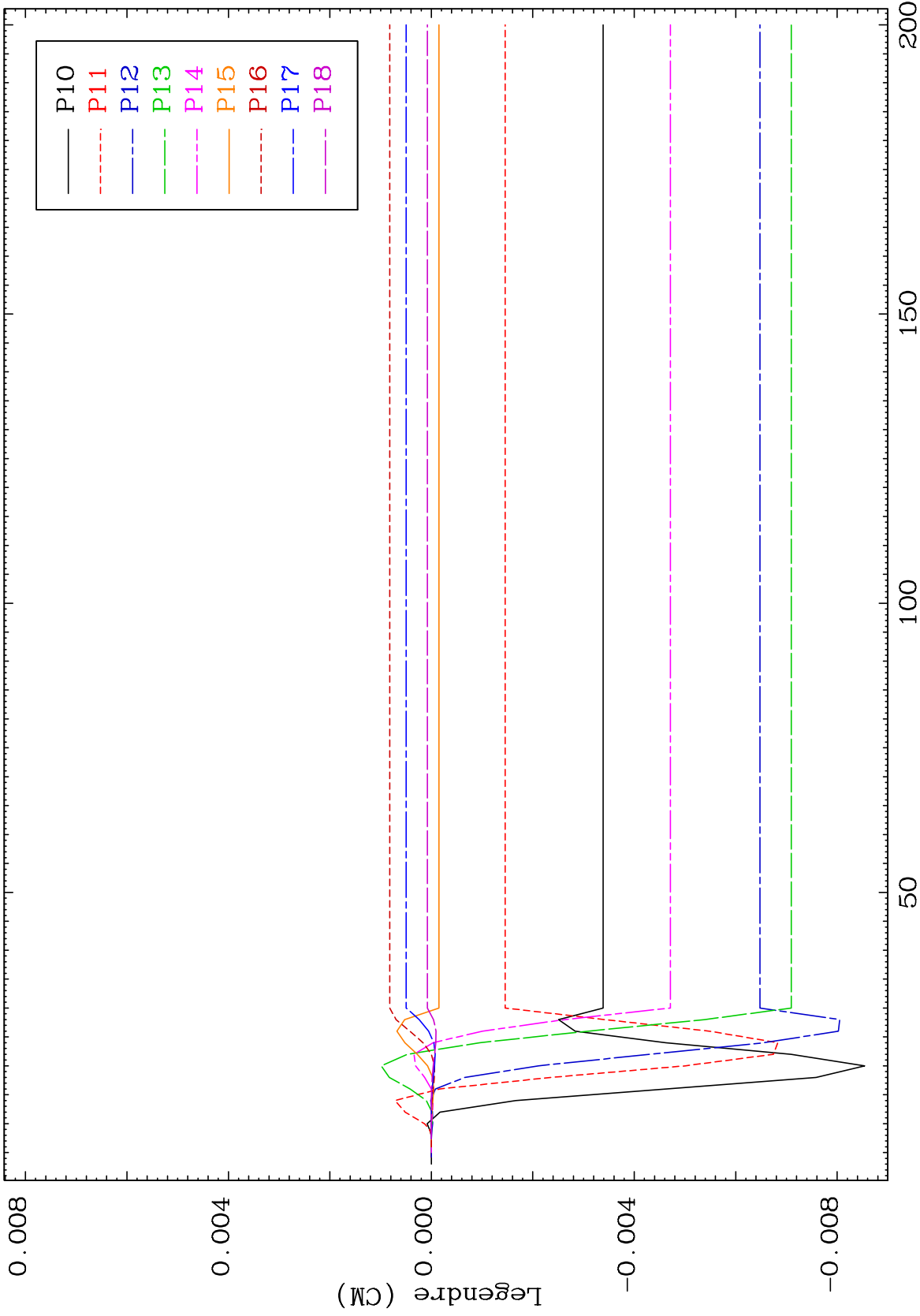
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



111

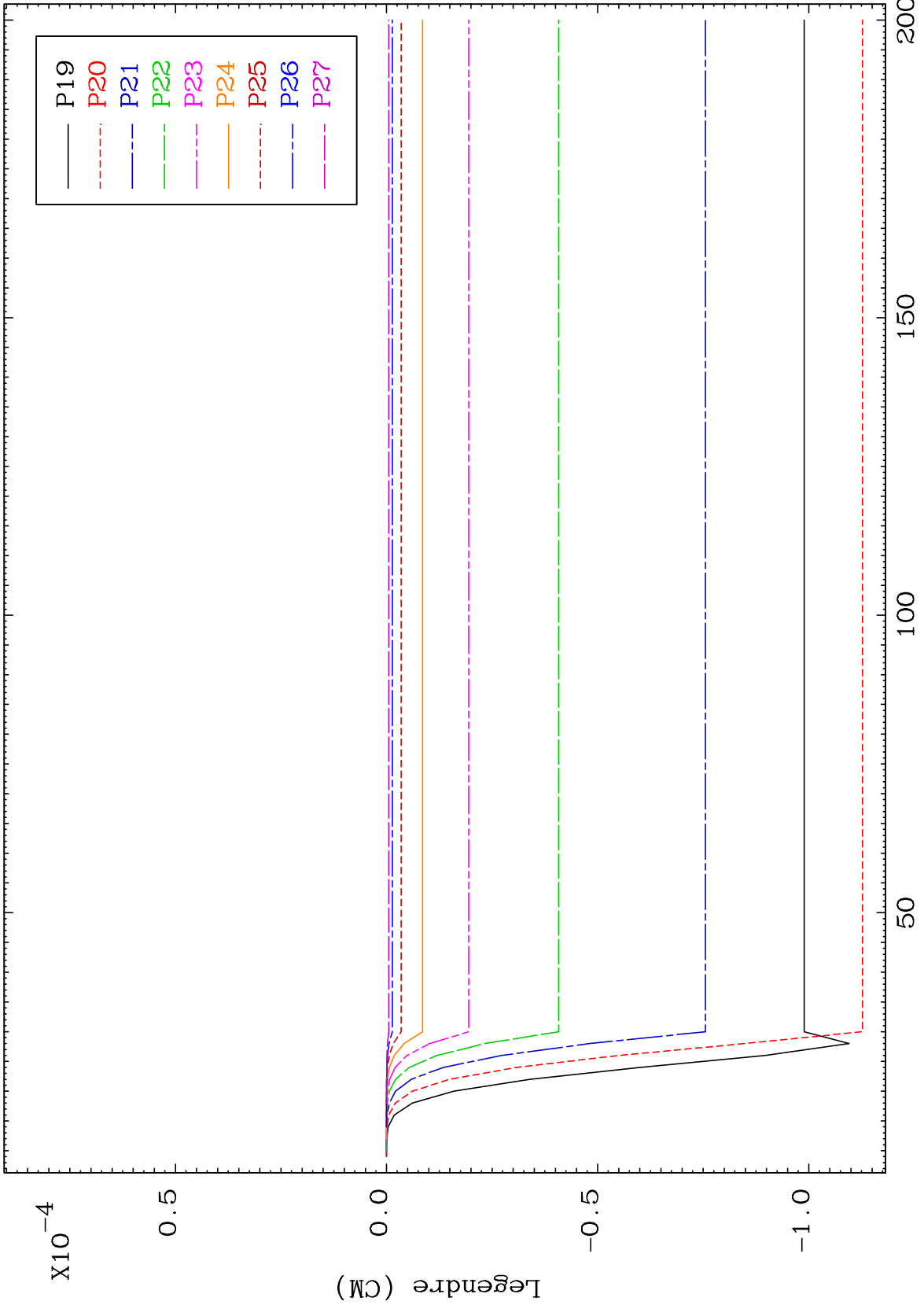
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



112

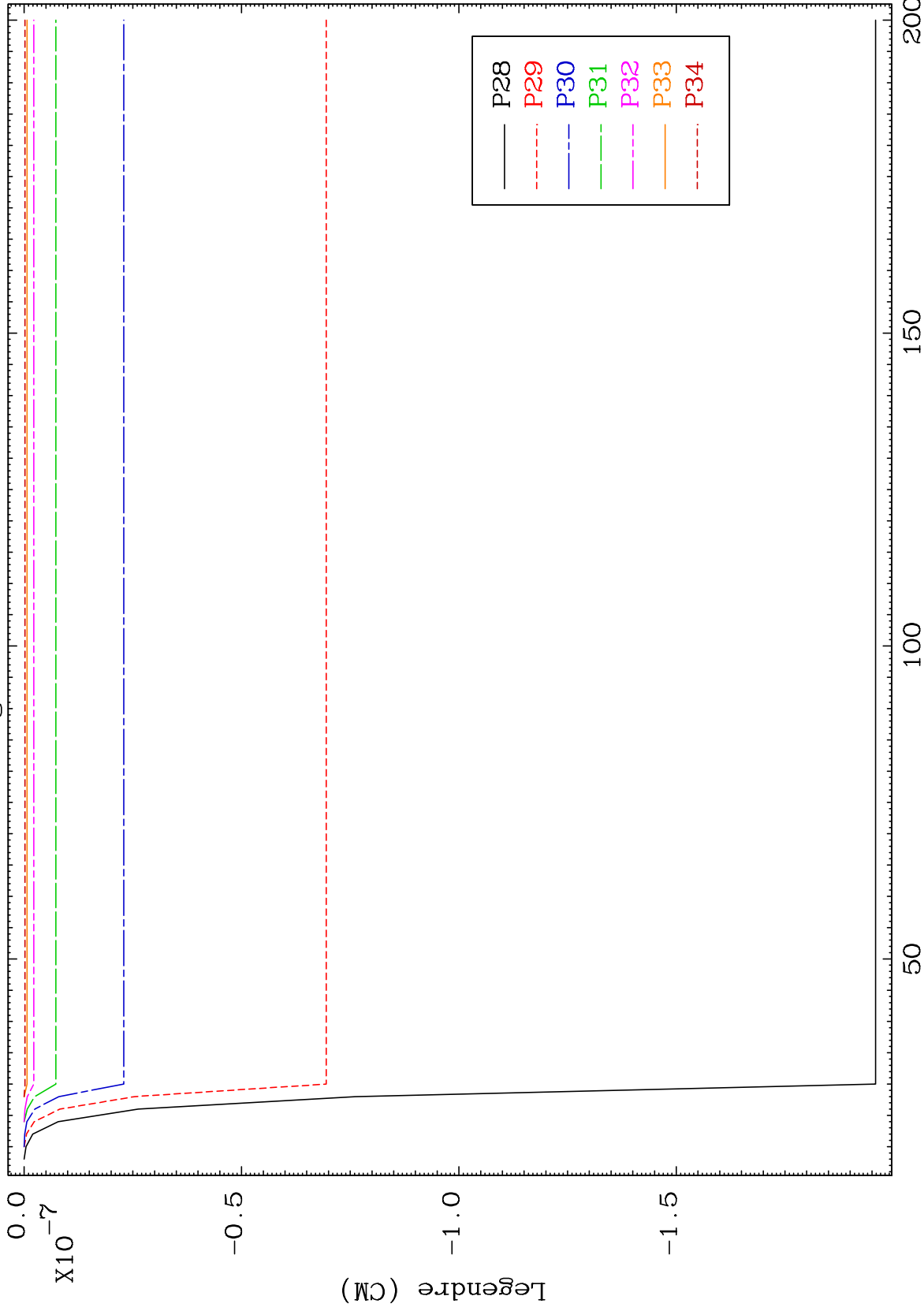
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



113

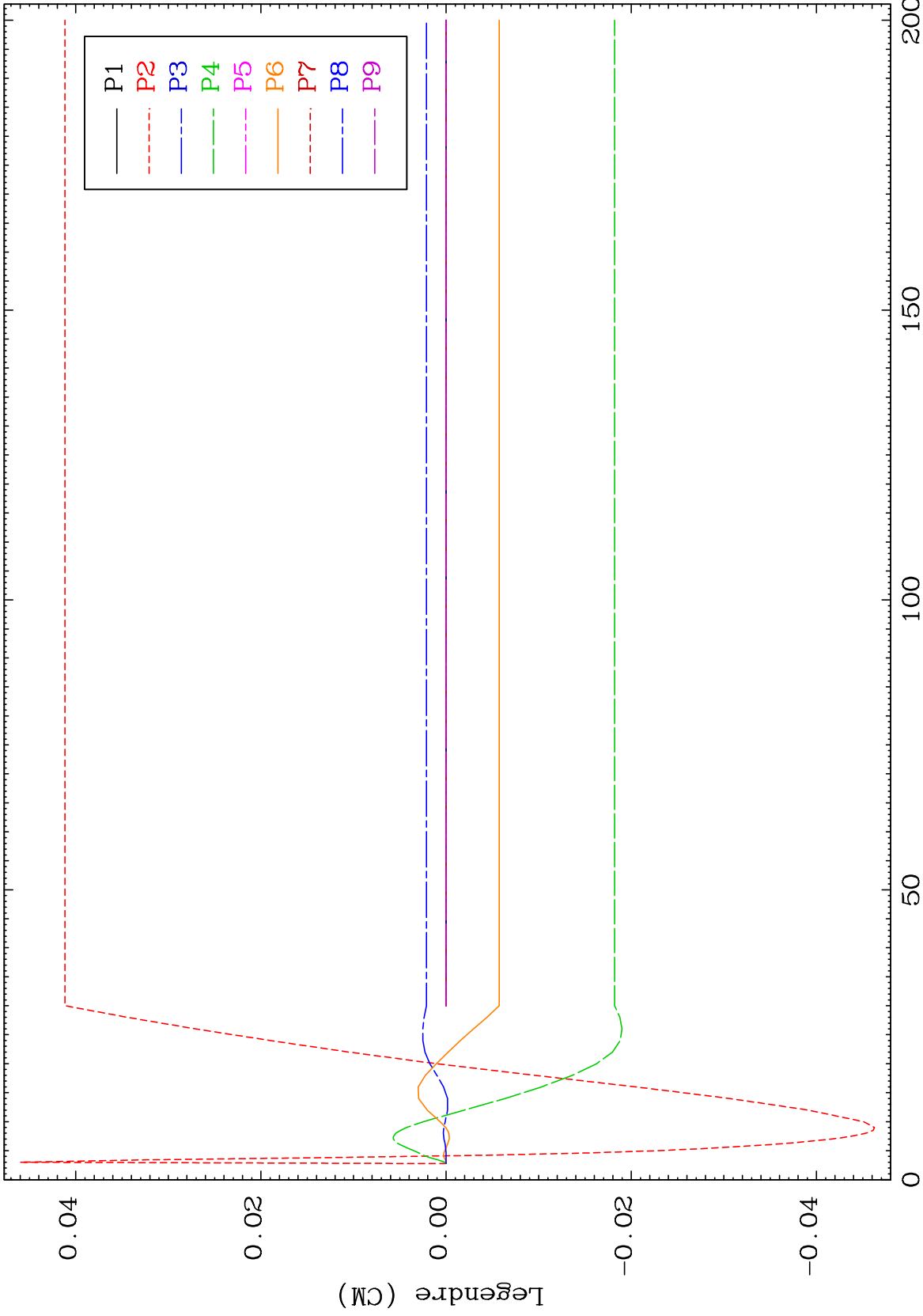
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



42-Mo-96

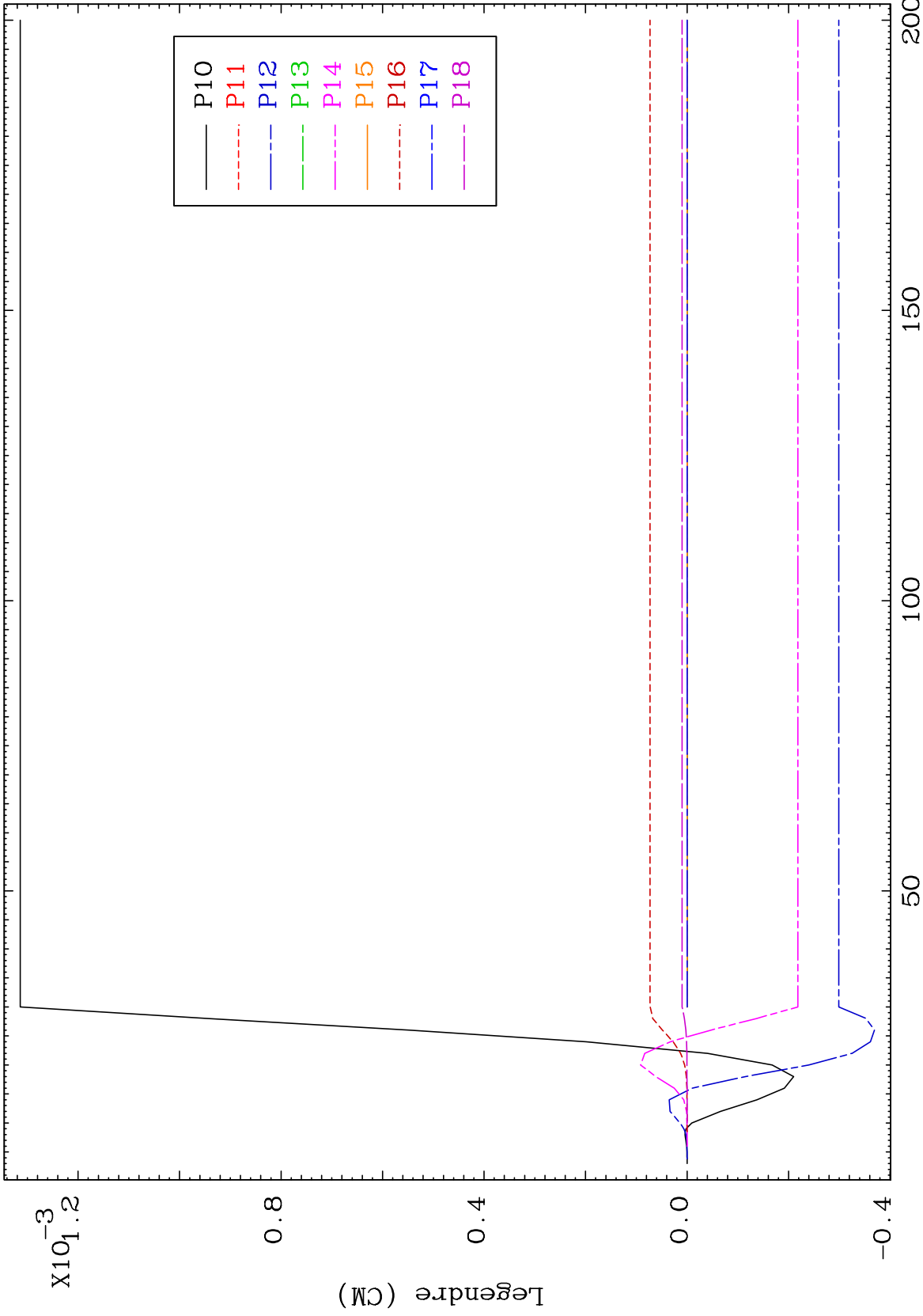
Incident Energy (MeV)

114

MAT 4237

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

42-Mo-96



115

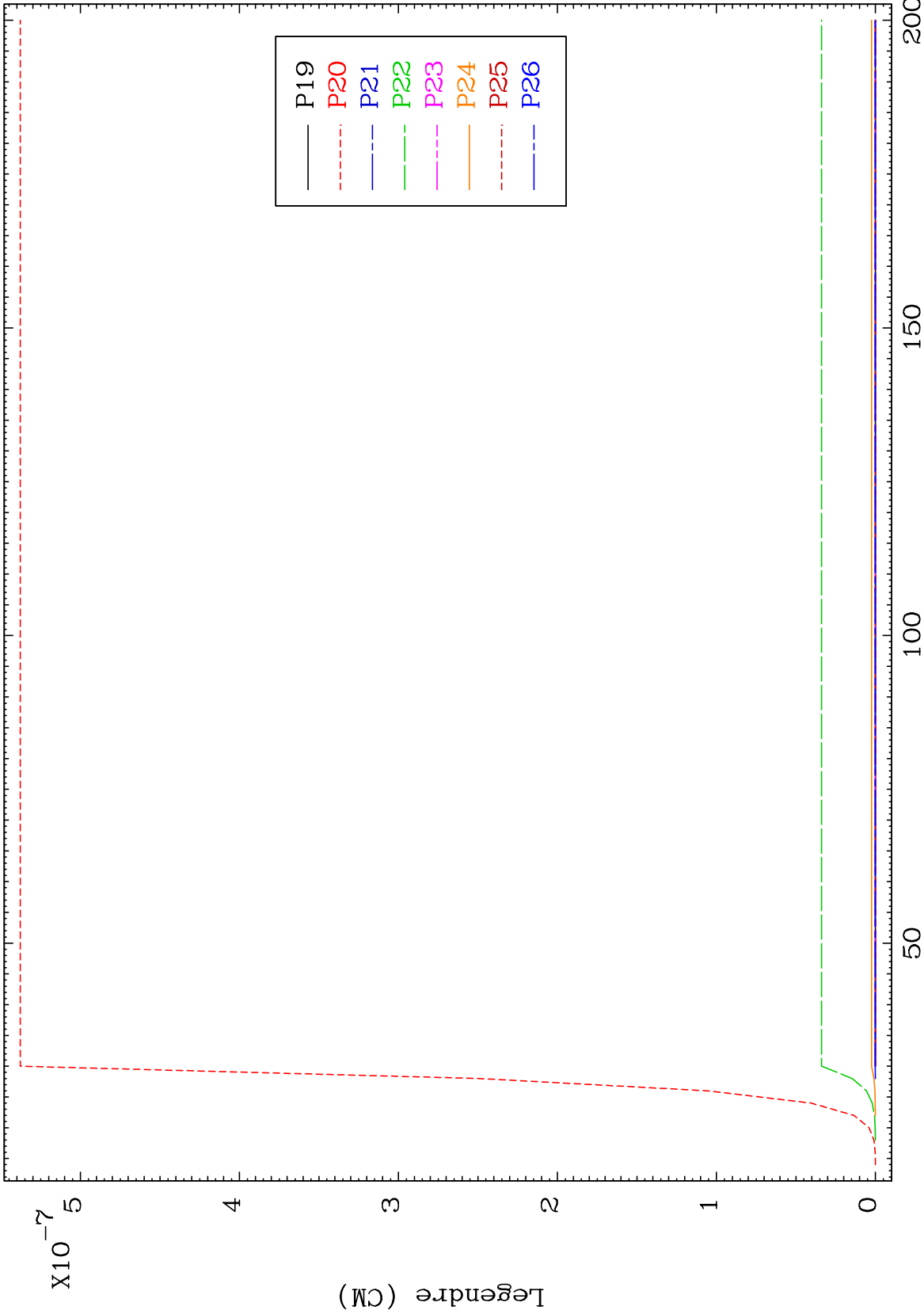
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



116

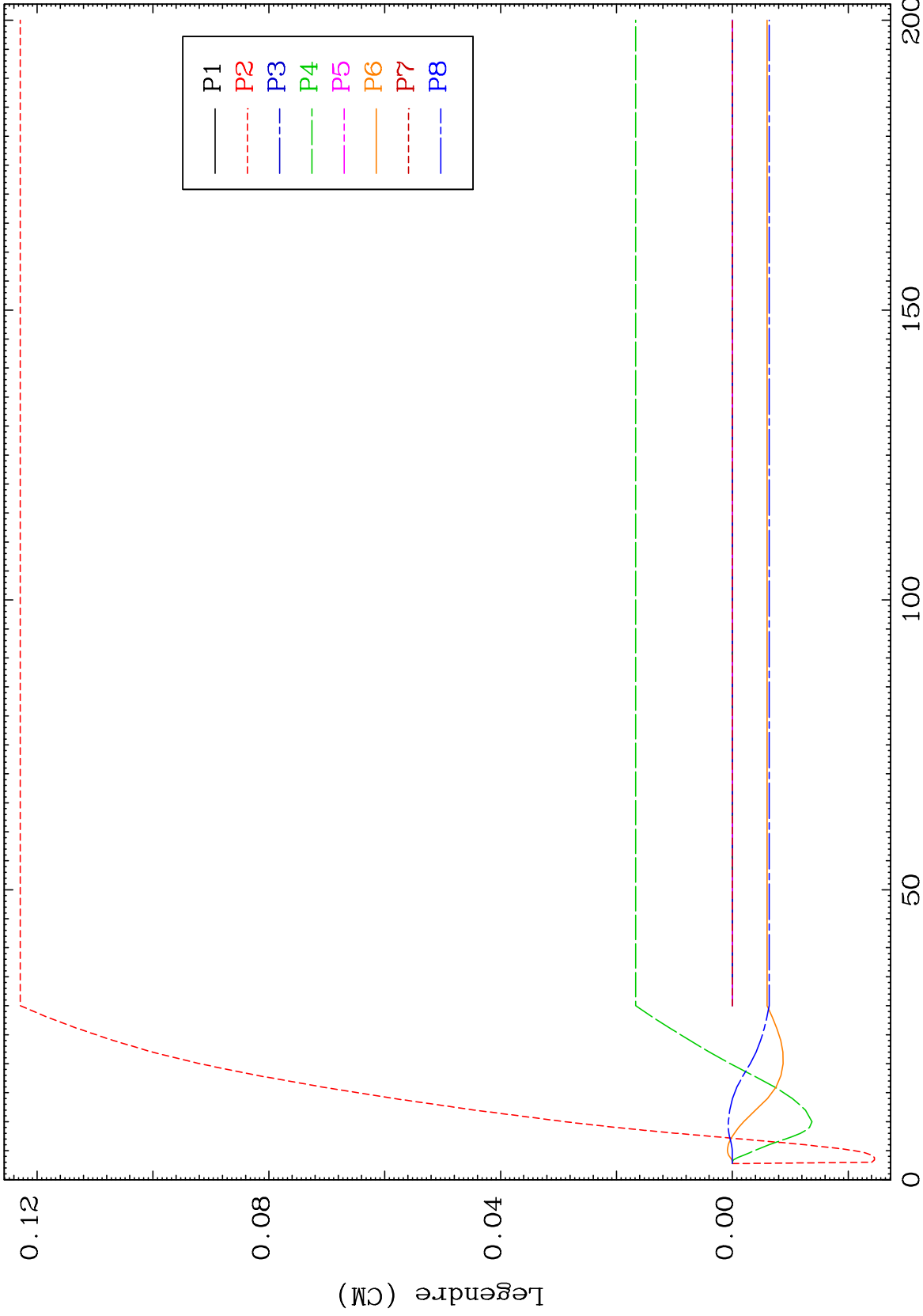
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

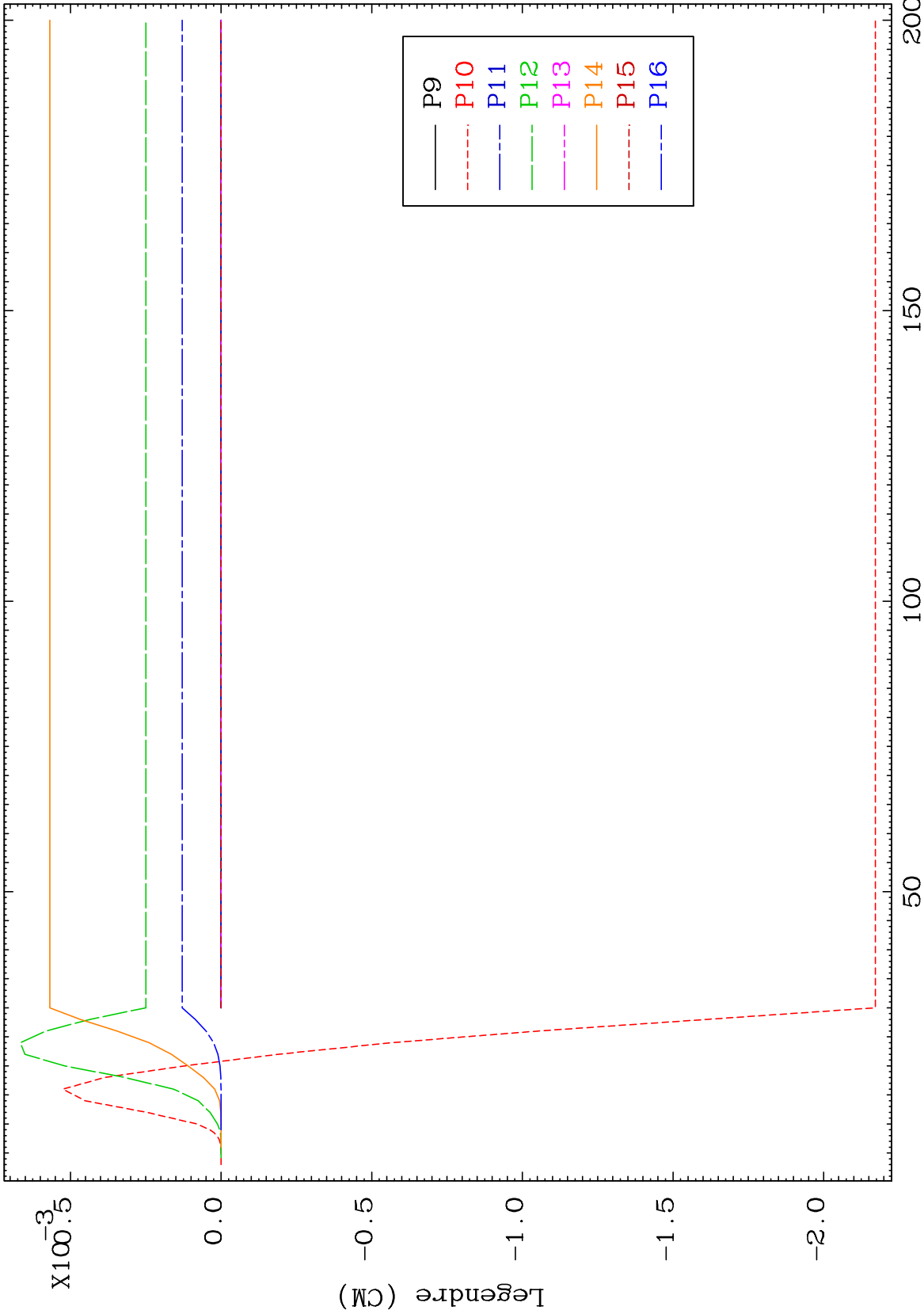
42-Mo-96



117

Incident Energy (MeV)

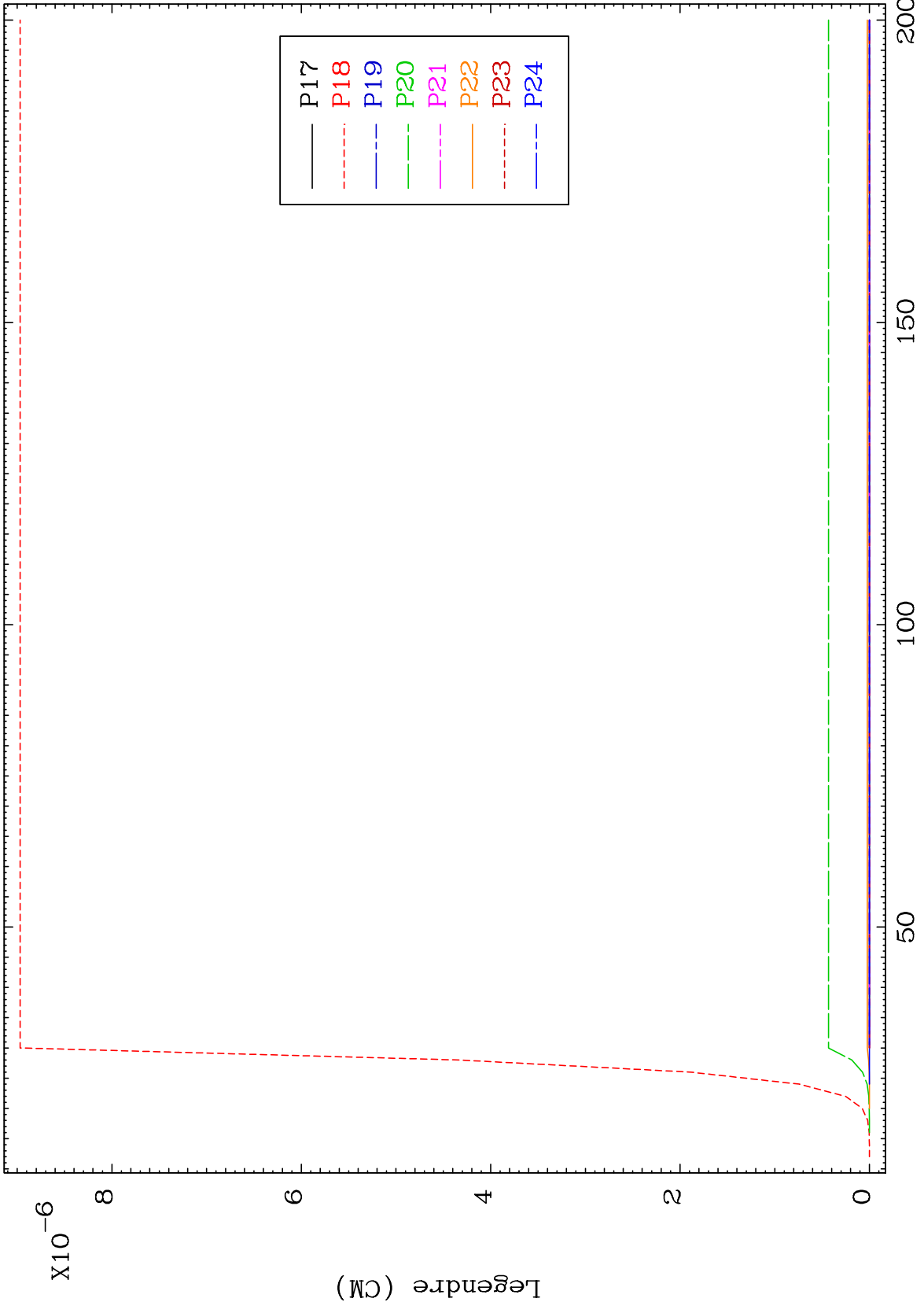
42-Mo-96



MAT 4237

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

42-Mo-96



119

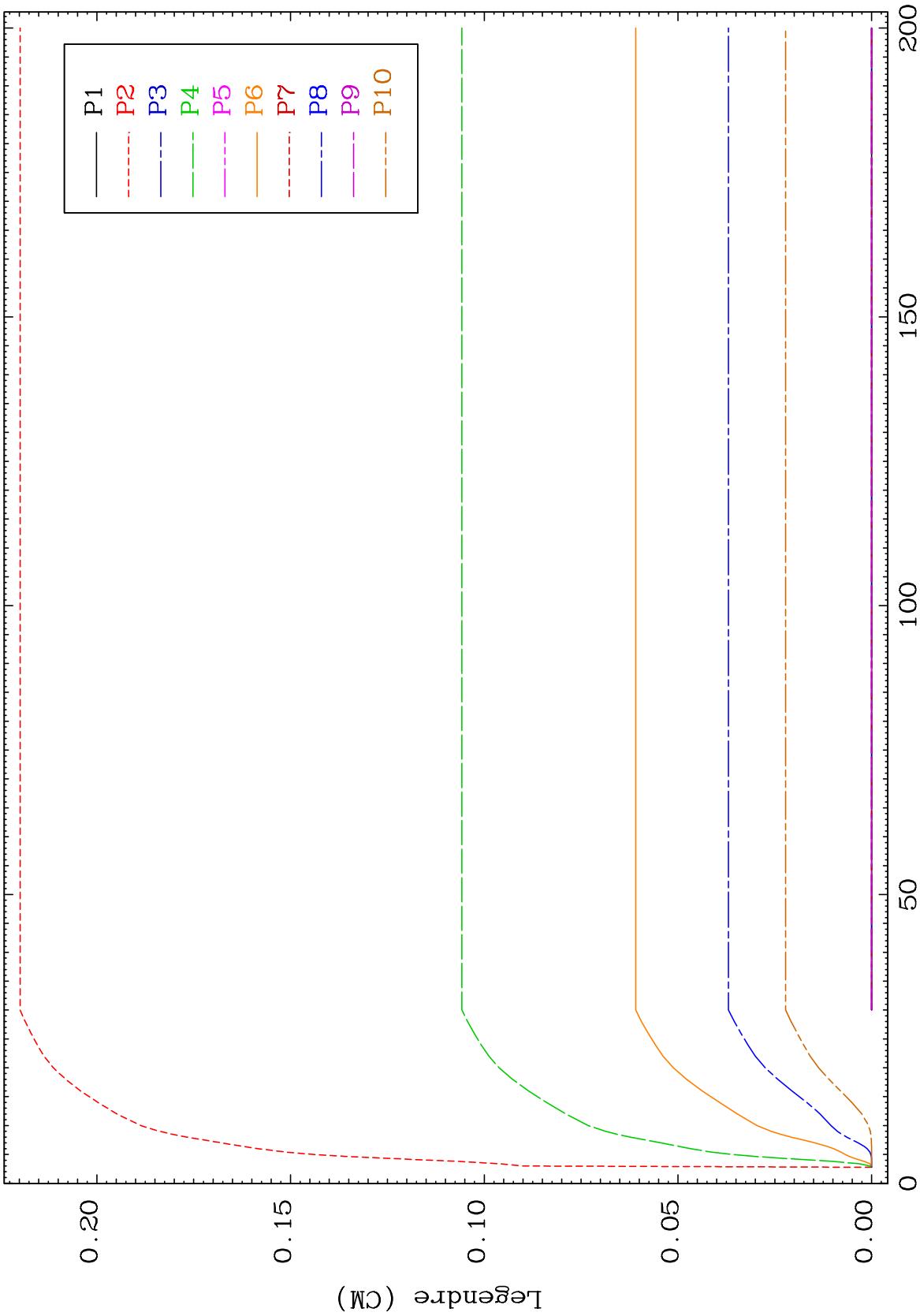
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



120

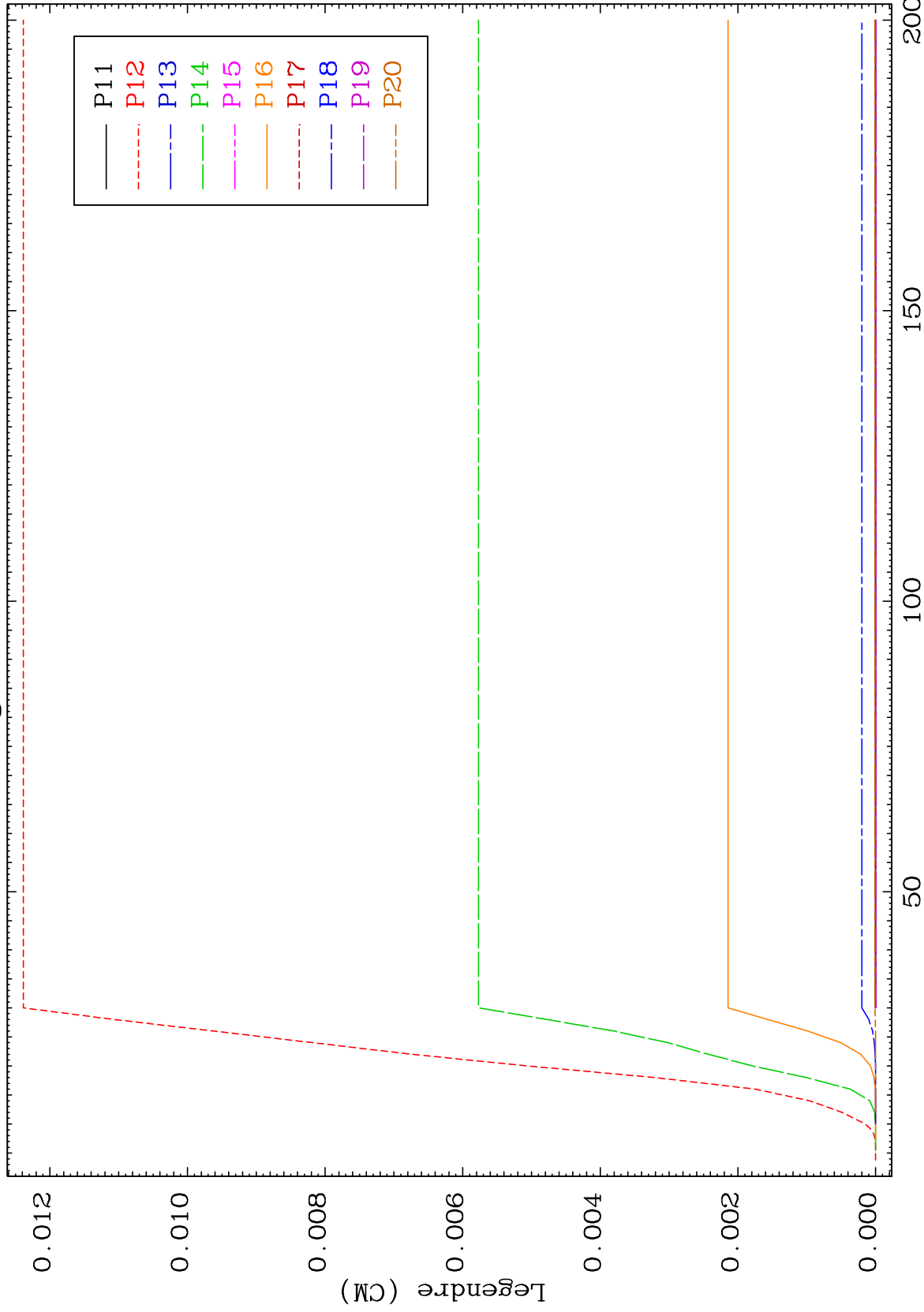
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



121

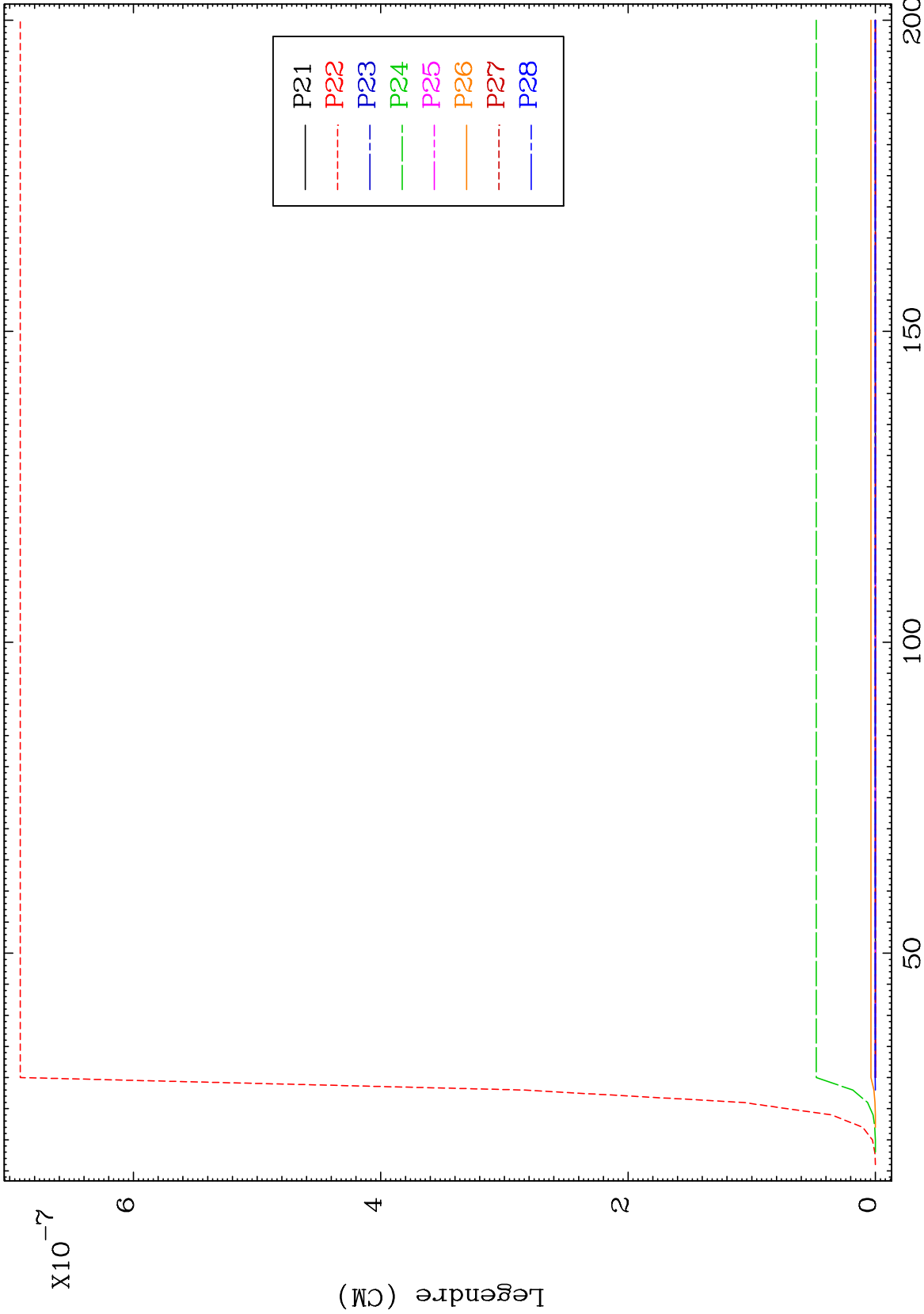
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



122

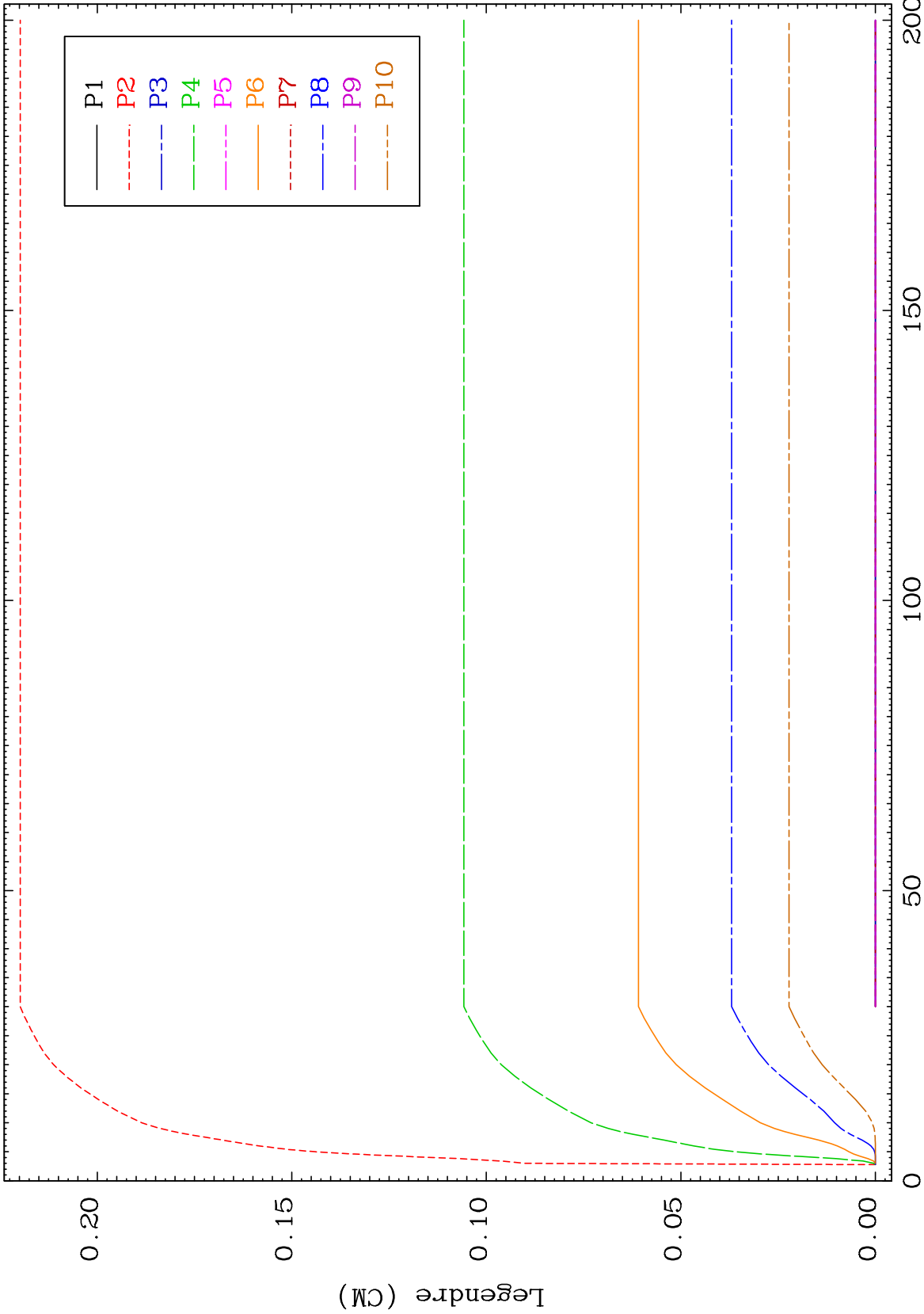
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



123

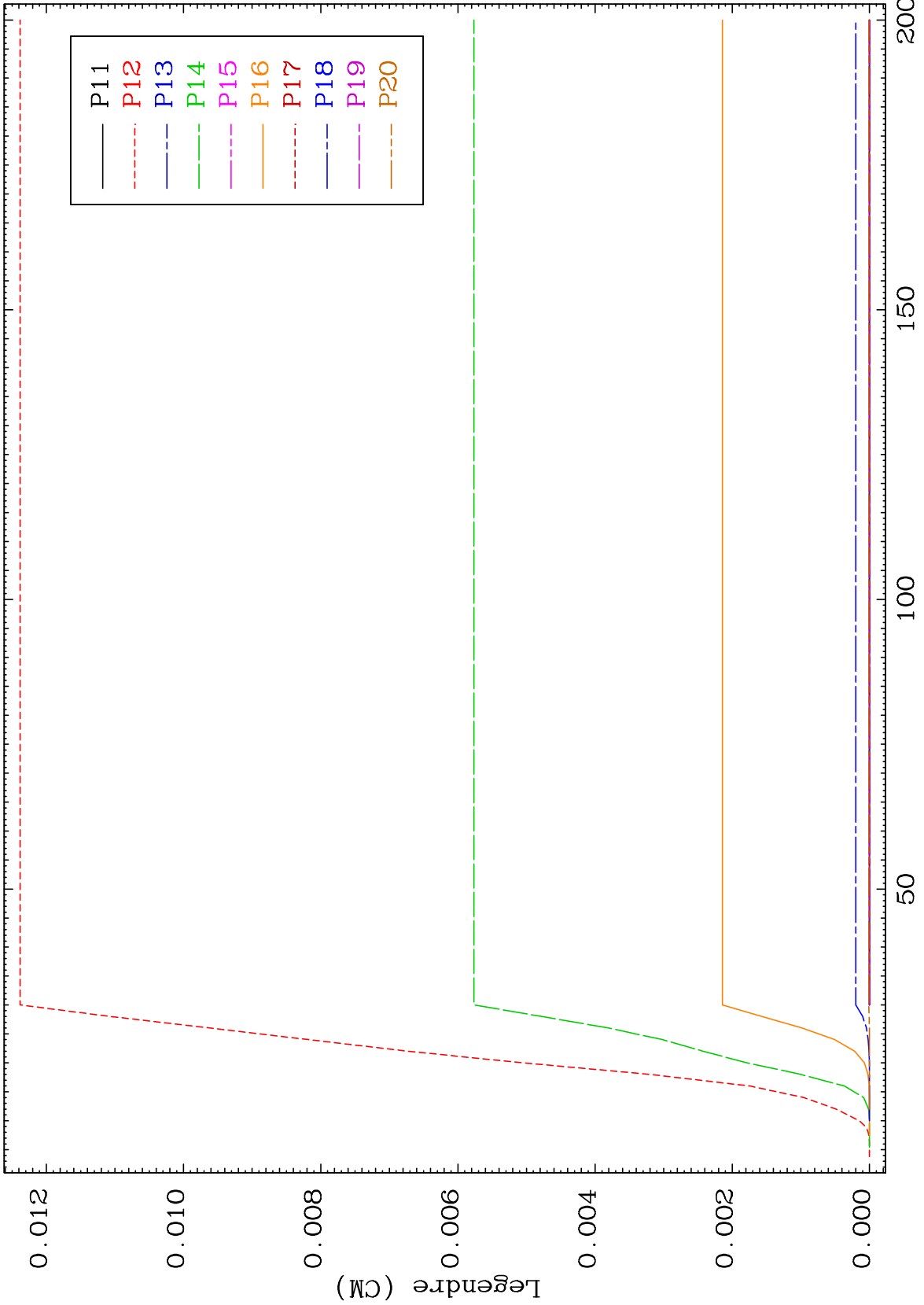
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96

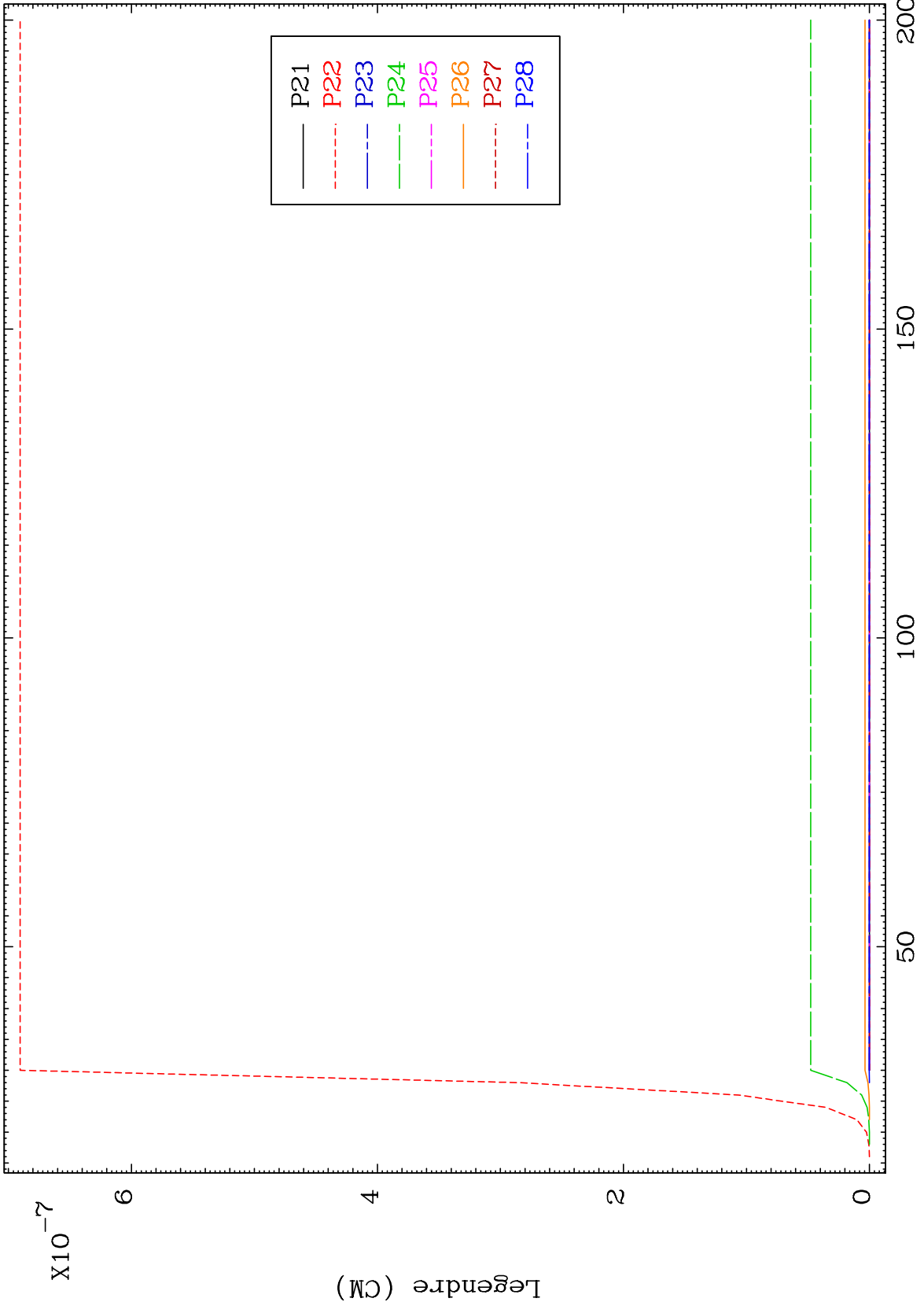


124

Incident Energy (MeV)

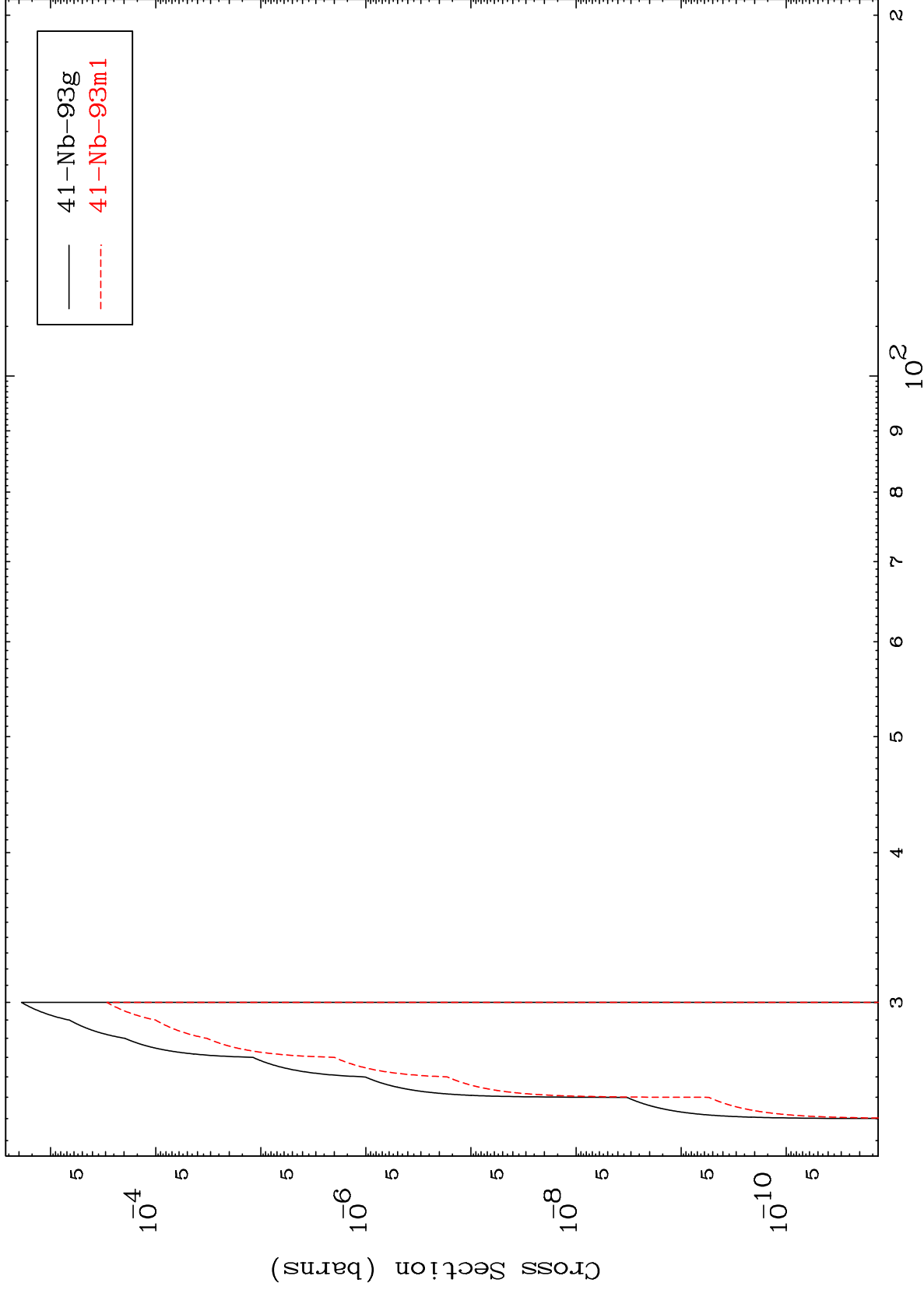
42-Mo-96

MAT 4237 MT= 80 (n,n') Level Legendre Coefficients 42-Mo-96



125 50 100 150 200 42-Mo-96

Radionuclide Production Cross Section

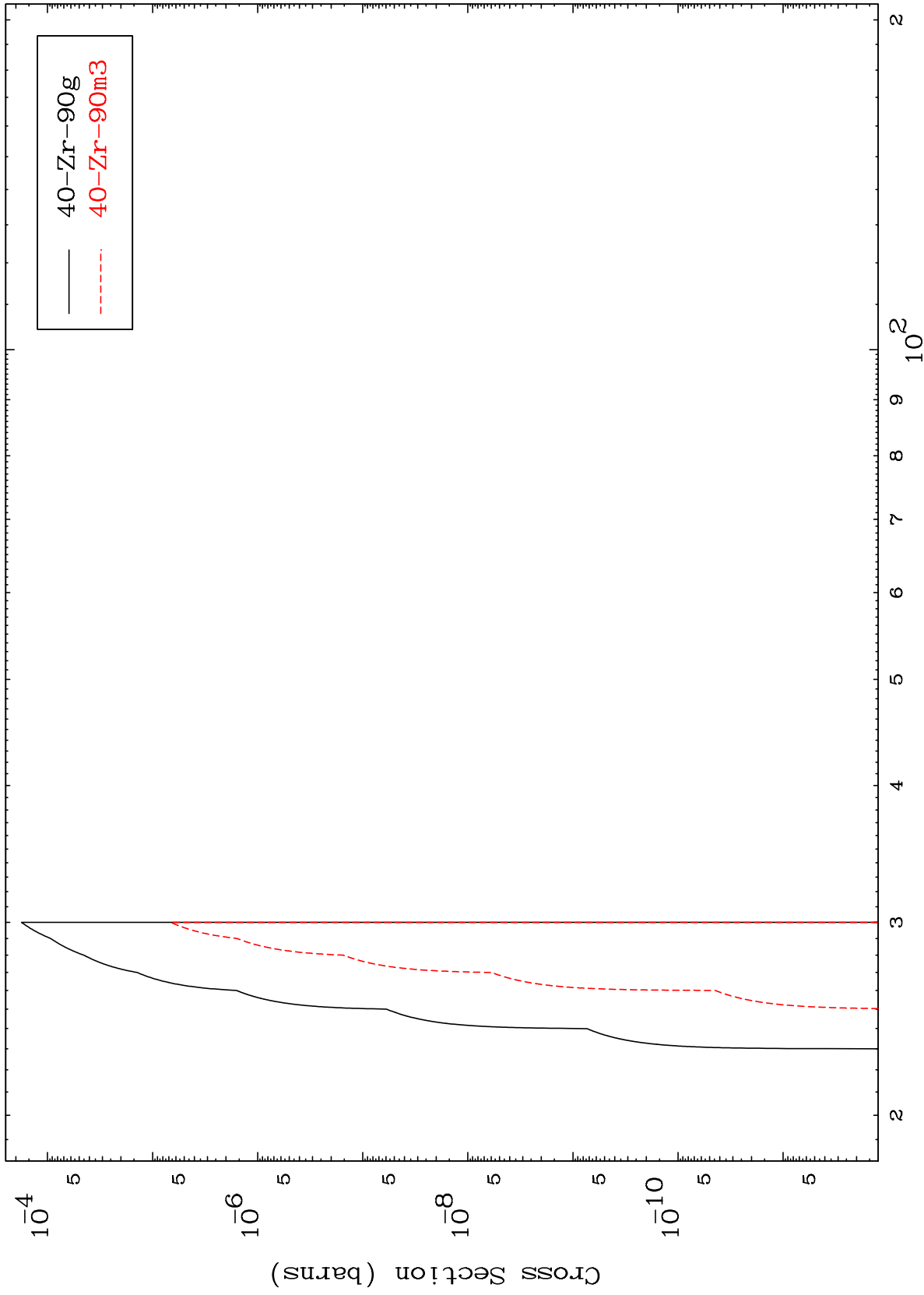


MAT 4237

(n,3n) α

42-Mo-96

Radionuclide Production Cross Section



127

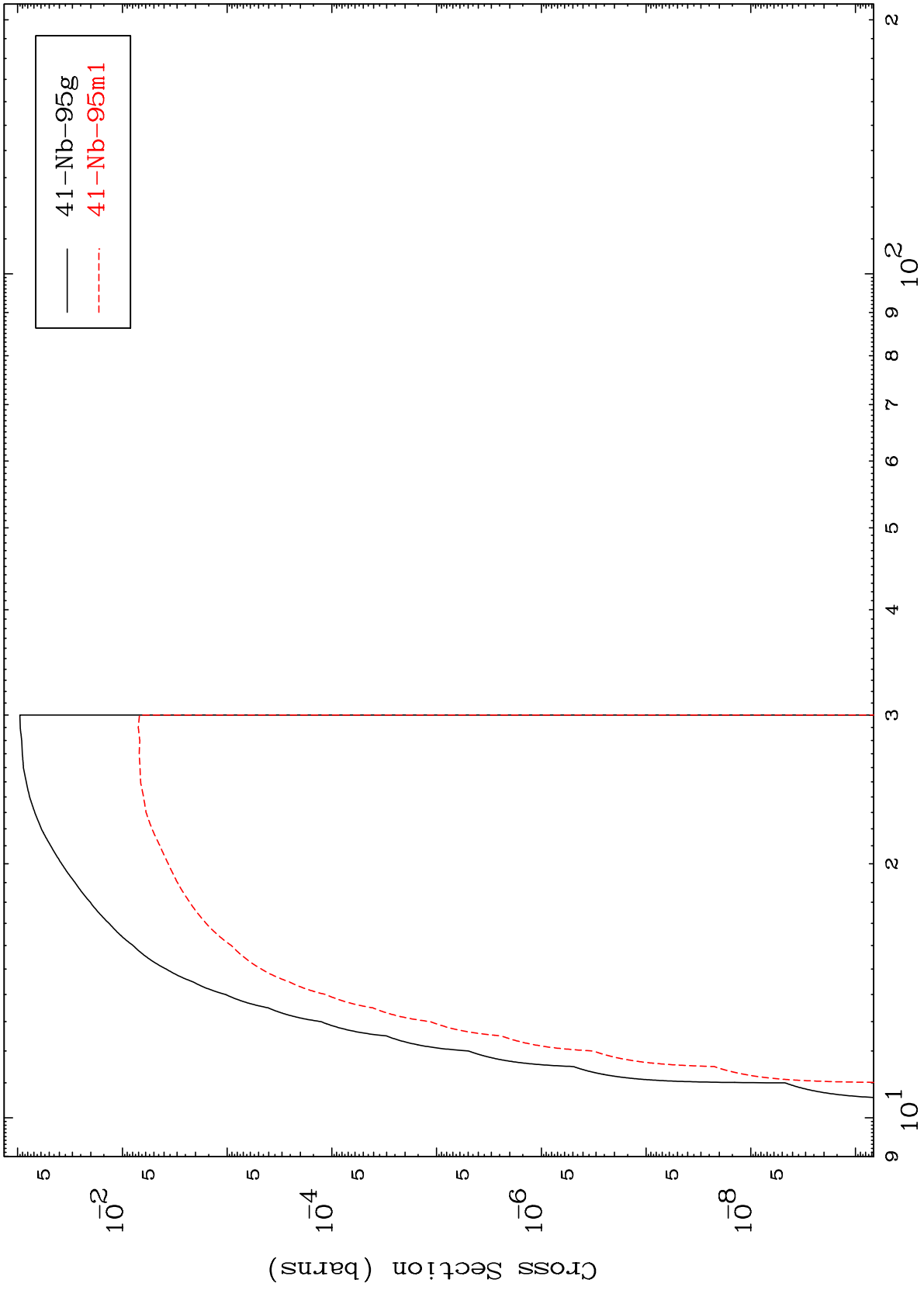
Incident Energy (MeV)

42-Mo-96

MAT 4237

42-Mo-96

(n,n') p
Radionuclide Production Cross Section



128

Incident Energy (MeV)

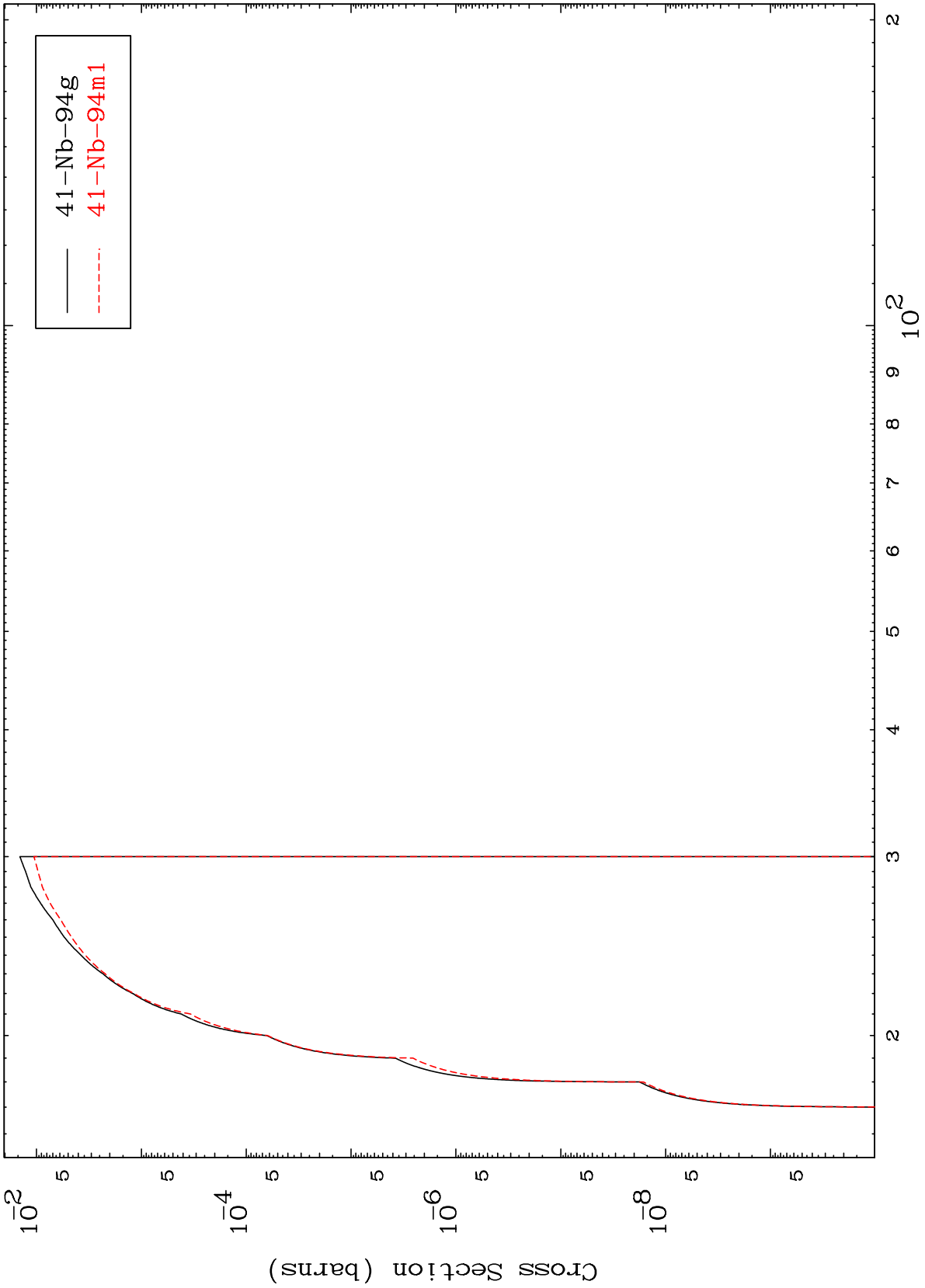
42-Mo-96

MAT 4237

(n,n') d

42-Mo-96

Radionuclide Production Cross Section



129

Incident Energy (MeV)

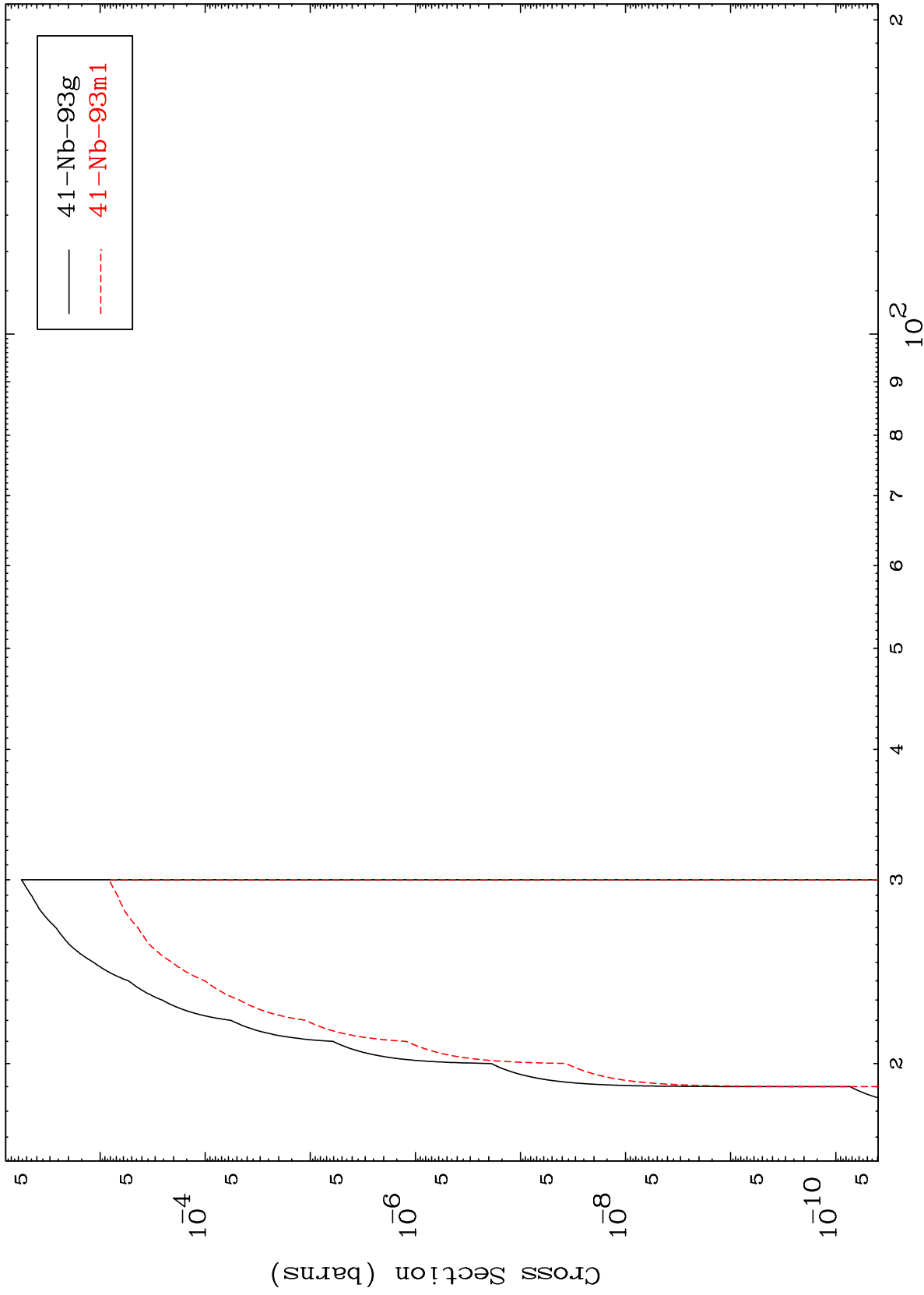
42-Mo-96

MAT 4237

(n,n') t

42-Mo-96

Radionuclide Production Cross Section



130

Incident Energy (MeV)

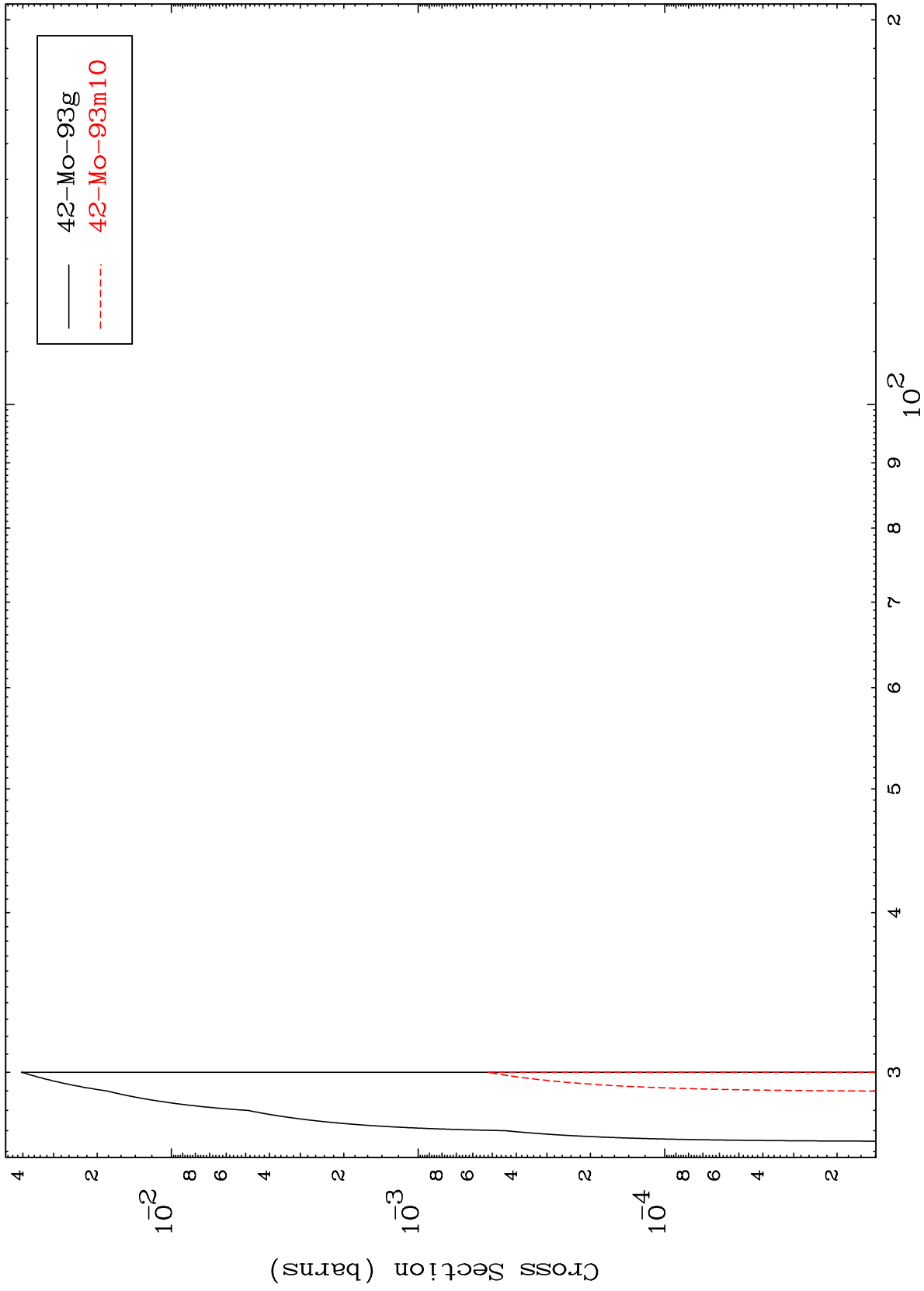
42-Mo-96

MAT 4237

(n,4n)

42-Mo-96

Radionuclide Production Cross Section



131

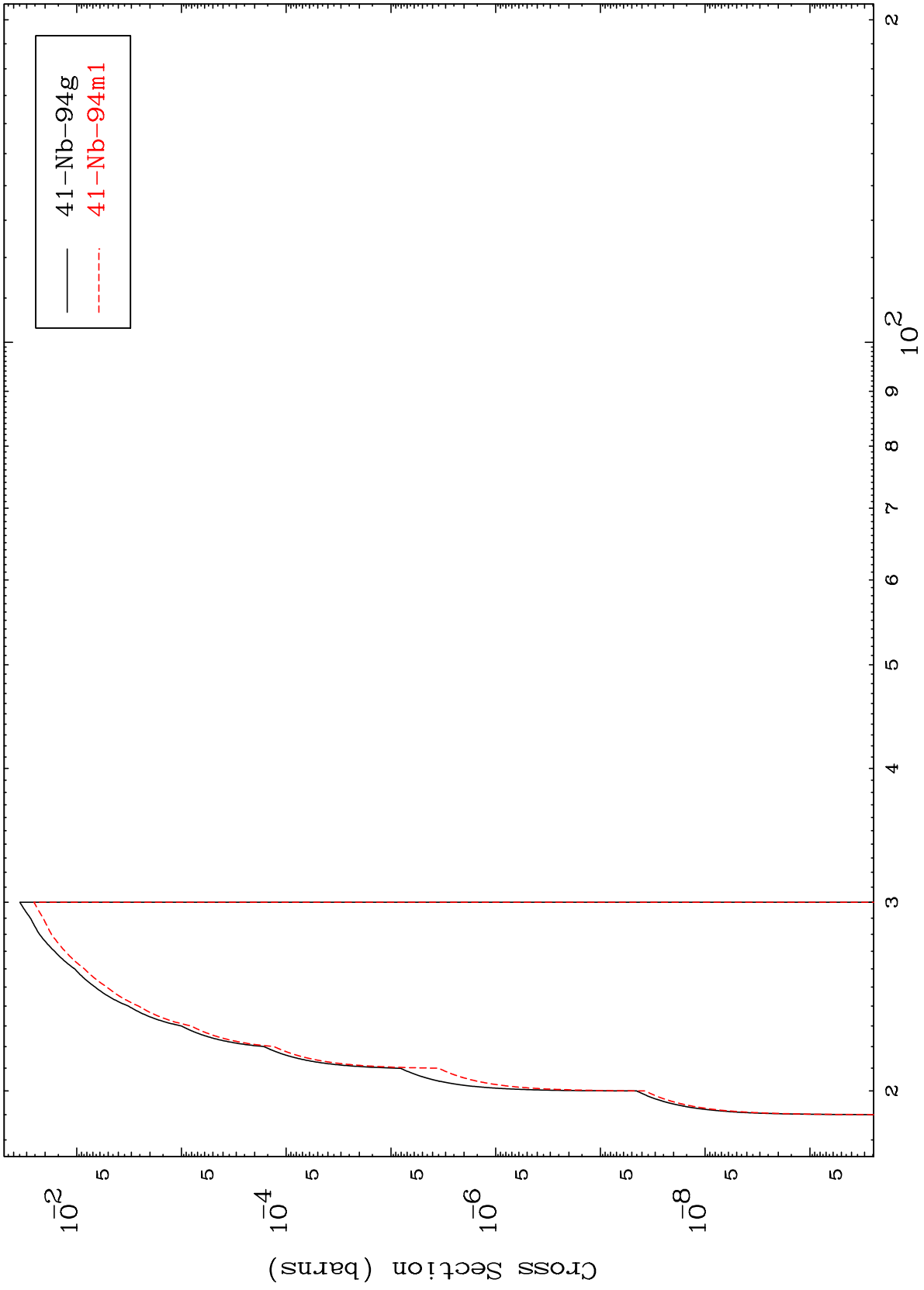
Incident Energy (MeV)

42-Mo-96

MAT 4237

42-Mo-96

(n,2n) p
Radionuclide Production Cross Section



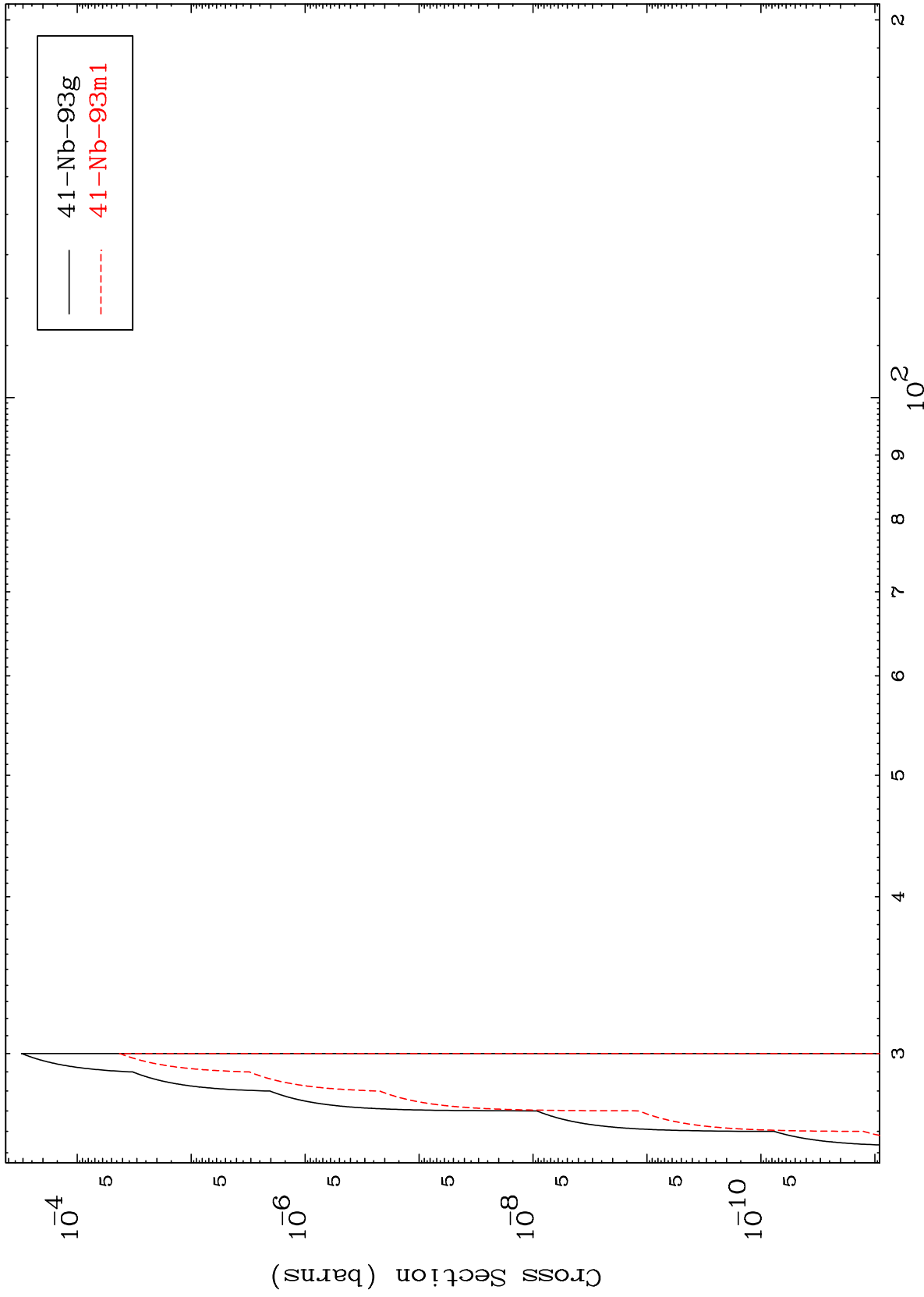
132

42-Mo-96

MAT 4237

42-Mo-96

(n,3n) p
Radionuclide Production Cross Section



133

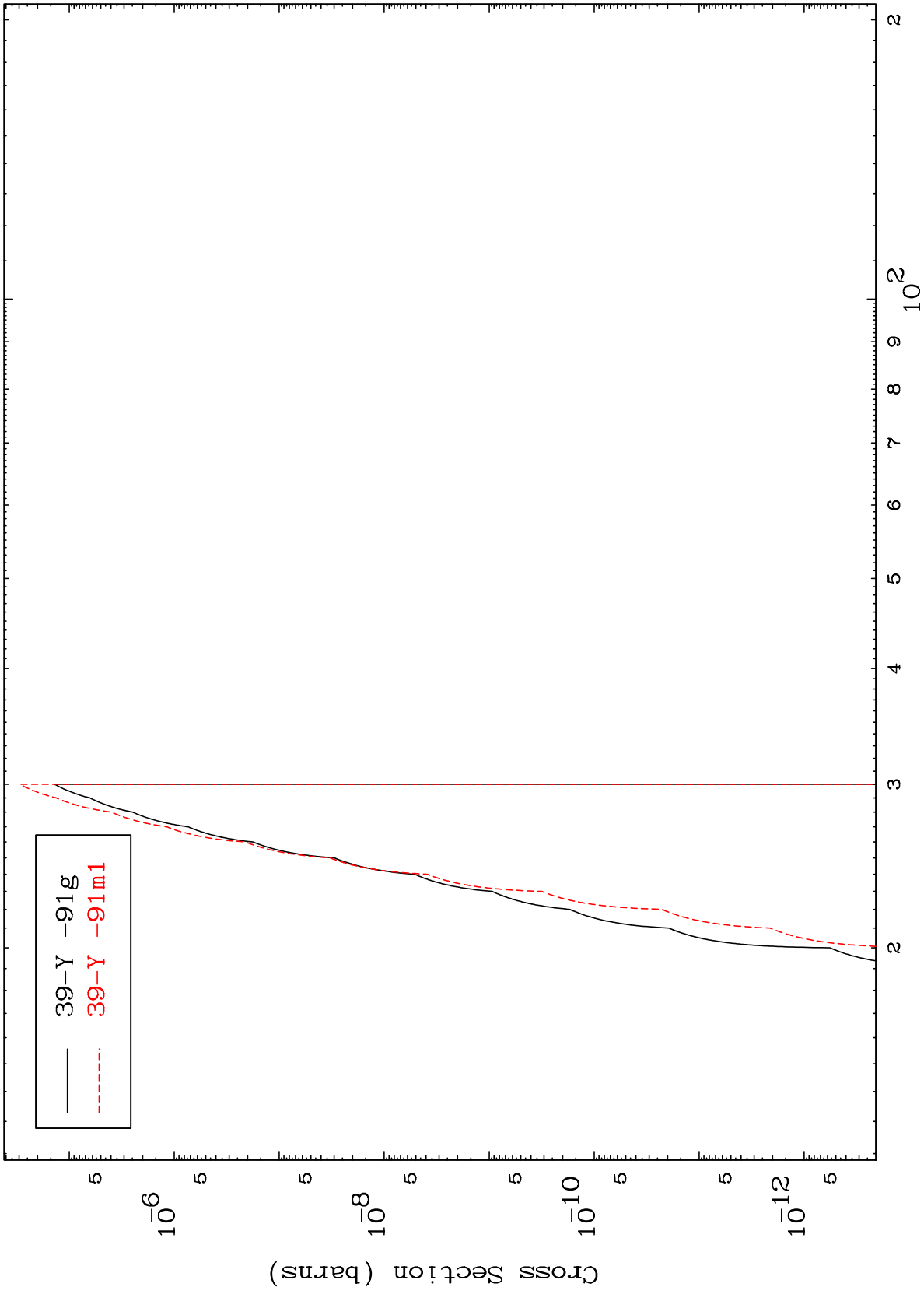
42-Mo-96

MAT 4237

(n,n') p α

42-Mo-96

Radionuclide Production Cross Section



134

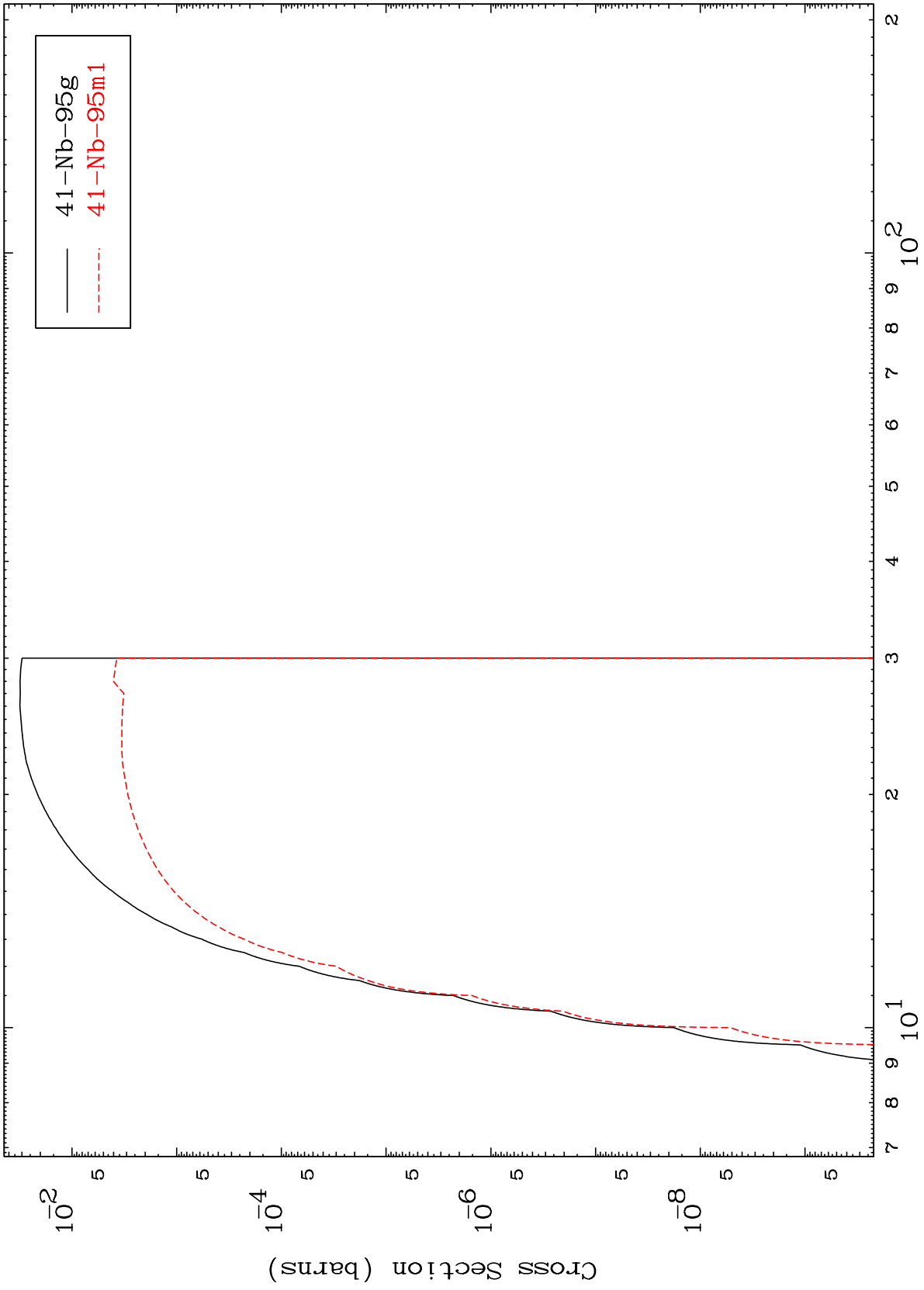
Incident Energy (MeV)

42-Mo-96

MAT 4237

42-Mo-96

(n,d)
Radionuclide Production Cross Section

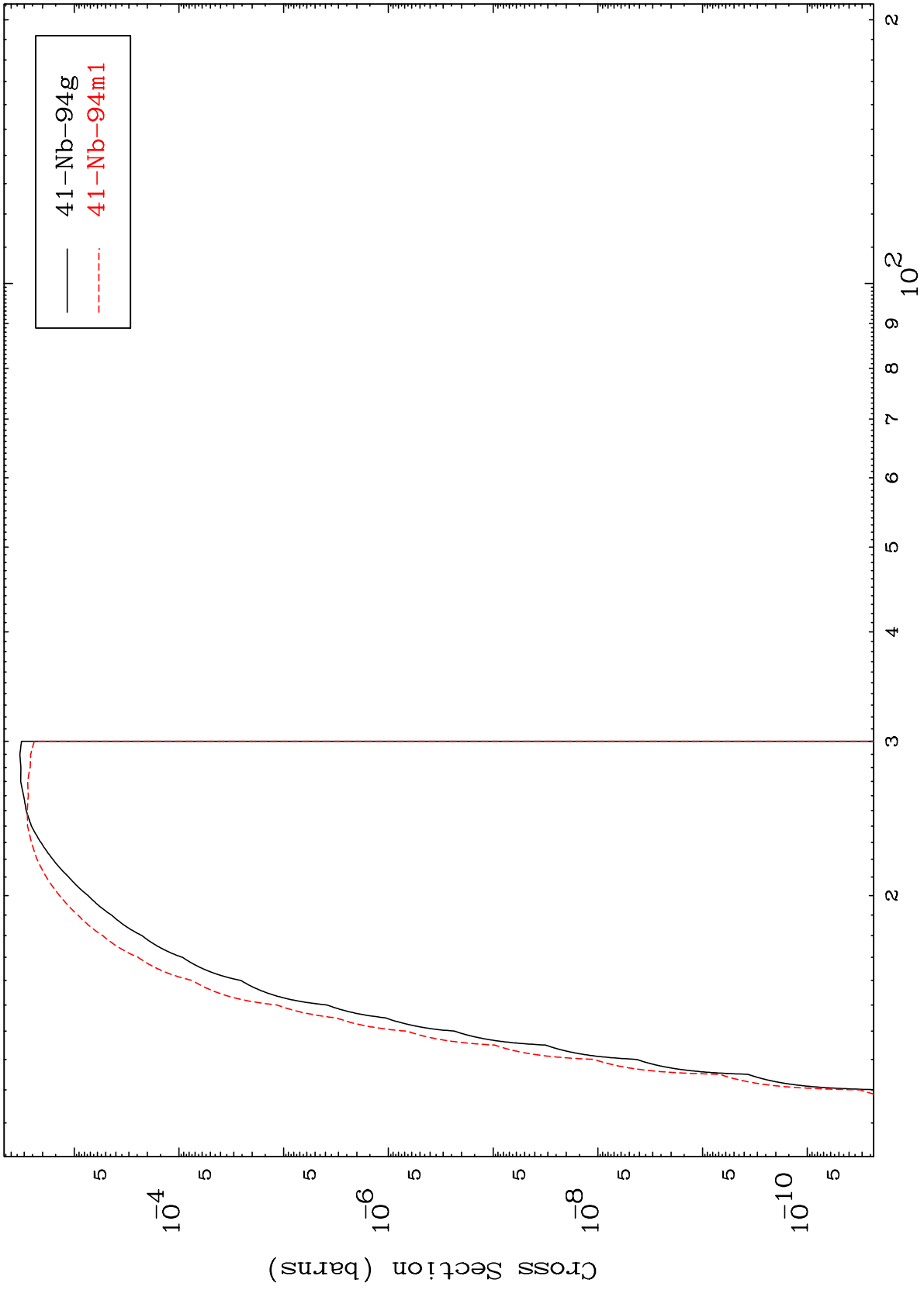


135

Incident Energy (MeV)

42-Mo-96

(n, t)
Radionuclide Production Cross Section



MAT 4237

(n,d) α

42-Mo-96

Radionuclide Production Cross Section

