

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

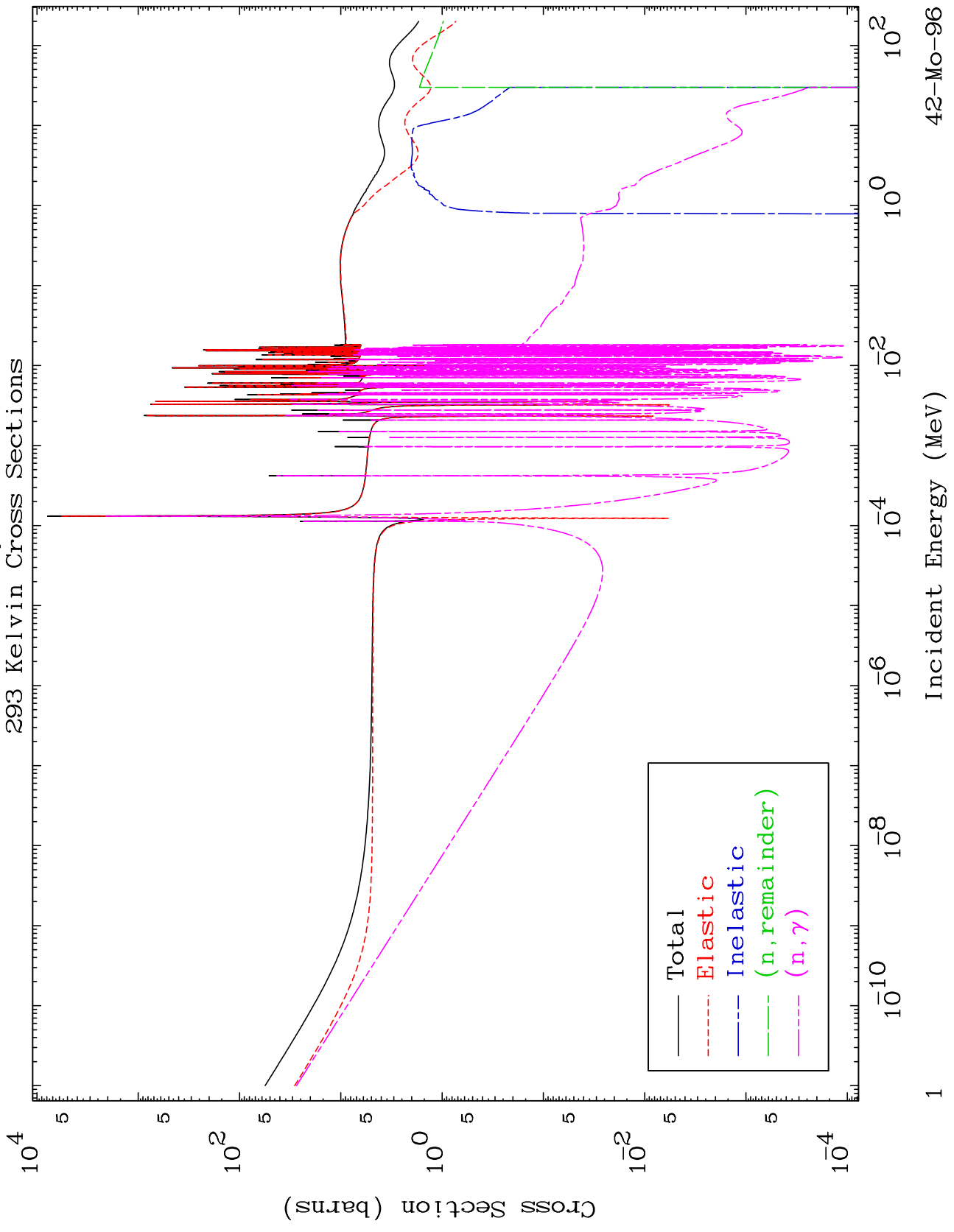
Press Mouse Button to Start

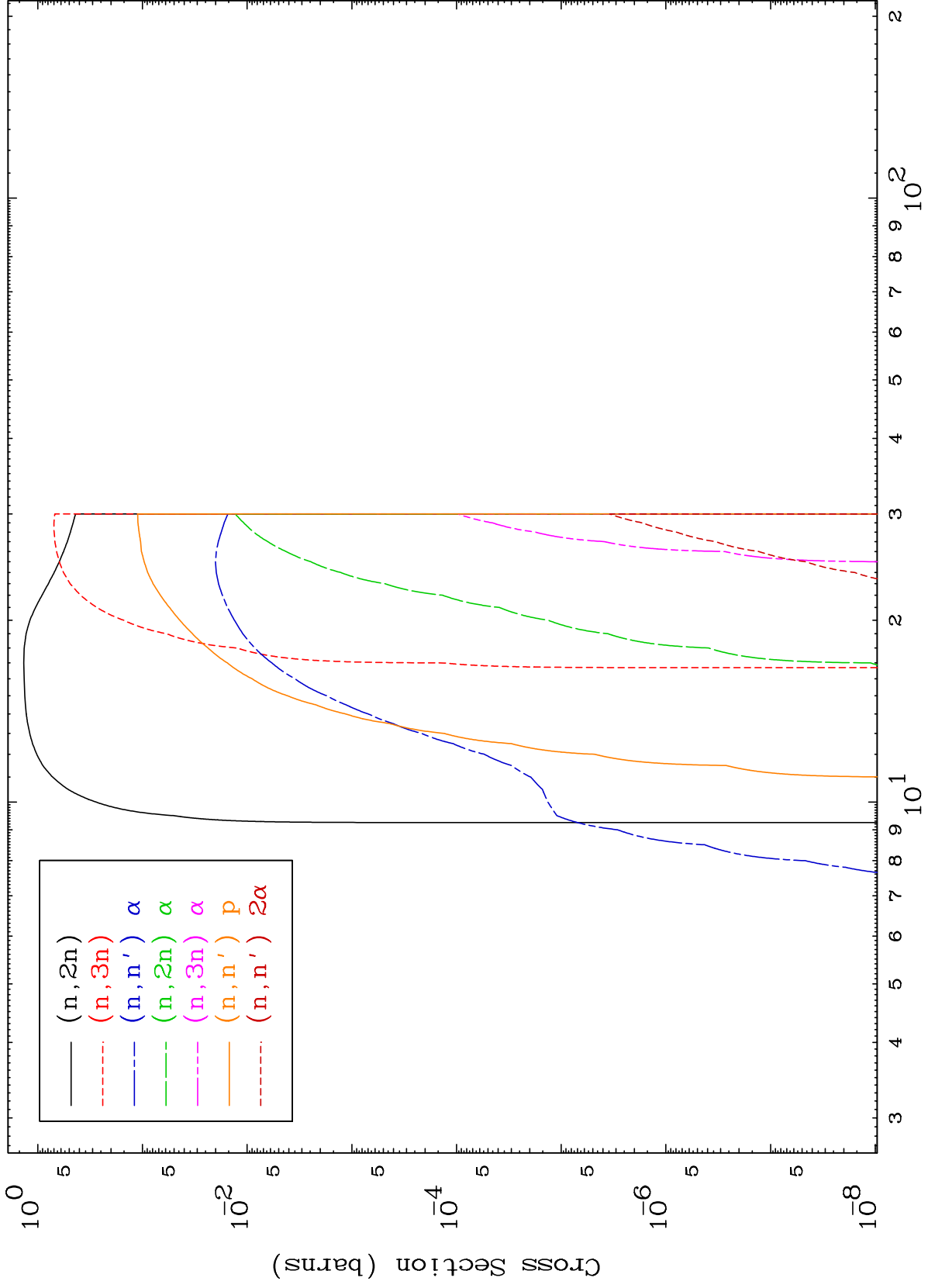
MAT 4237

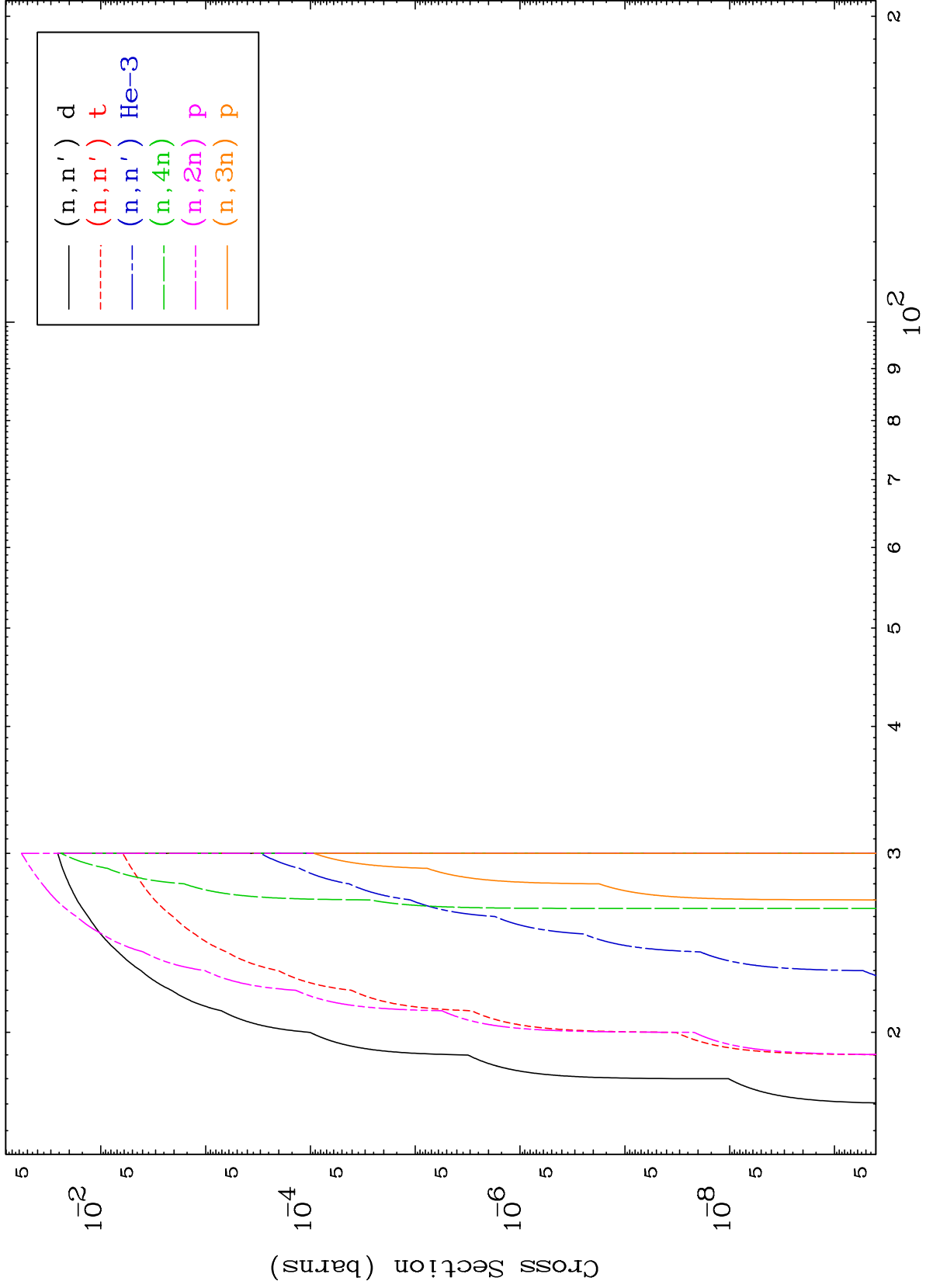
Major

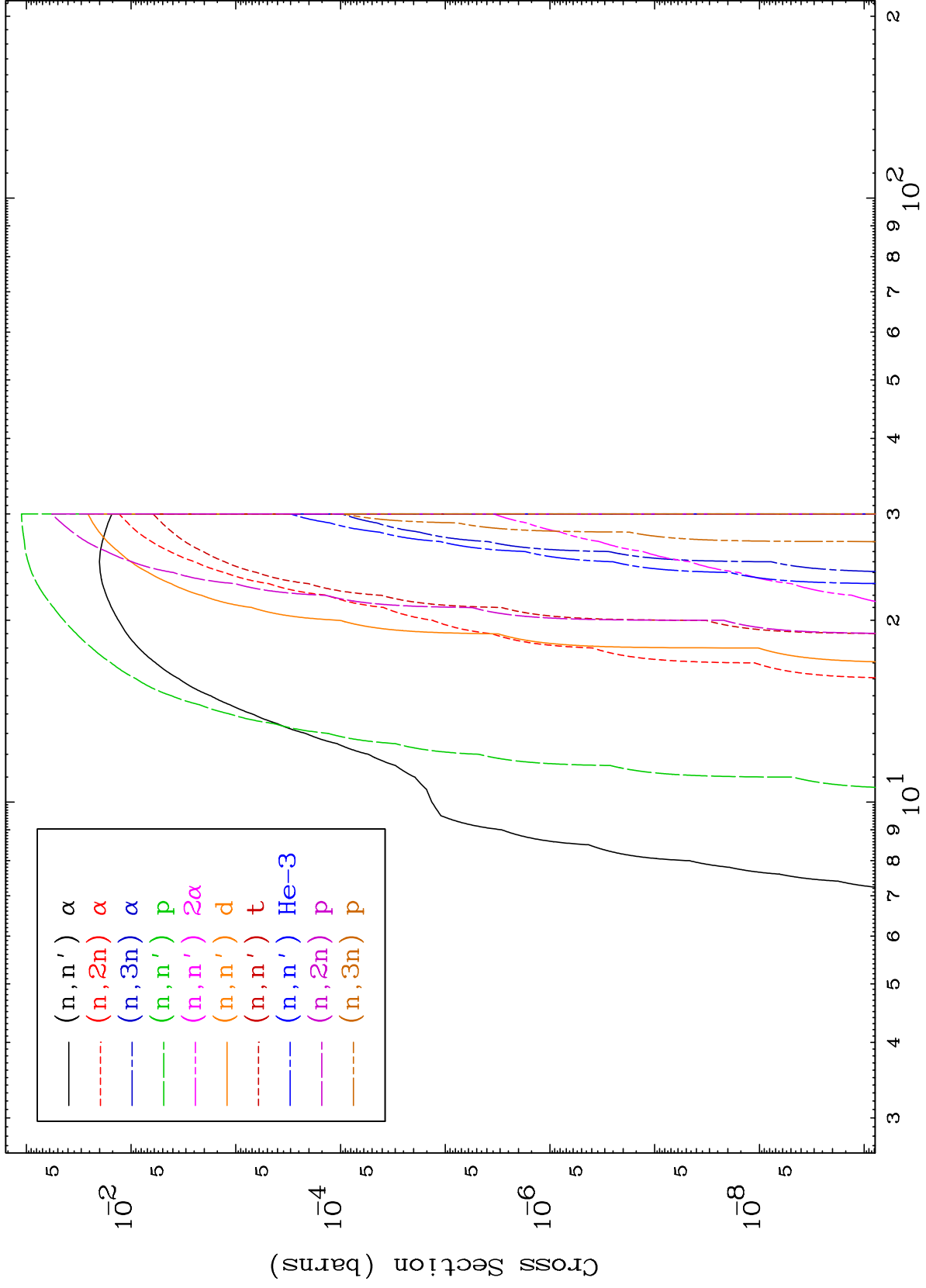
293 Kelvin Cross Sections

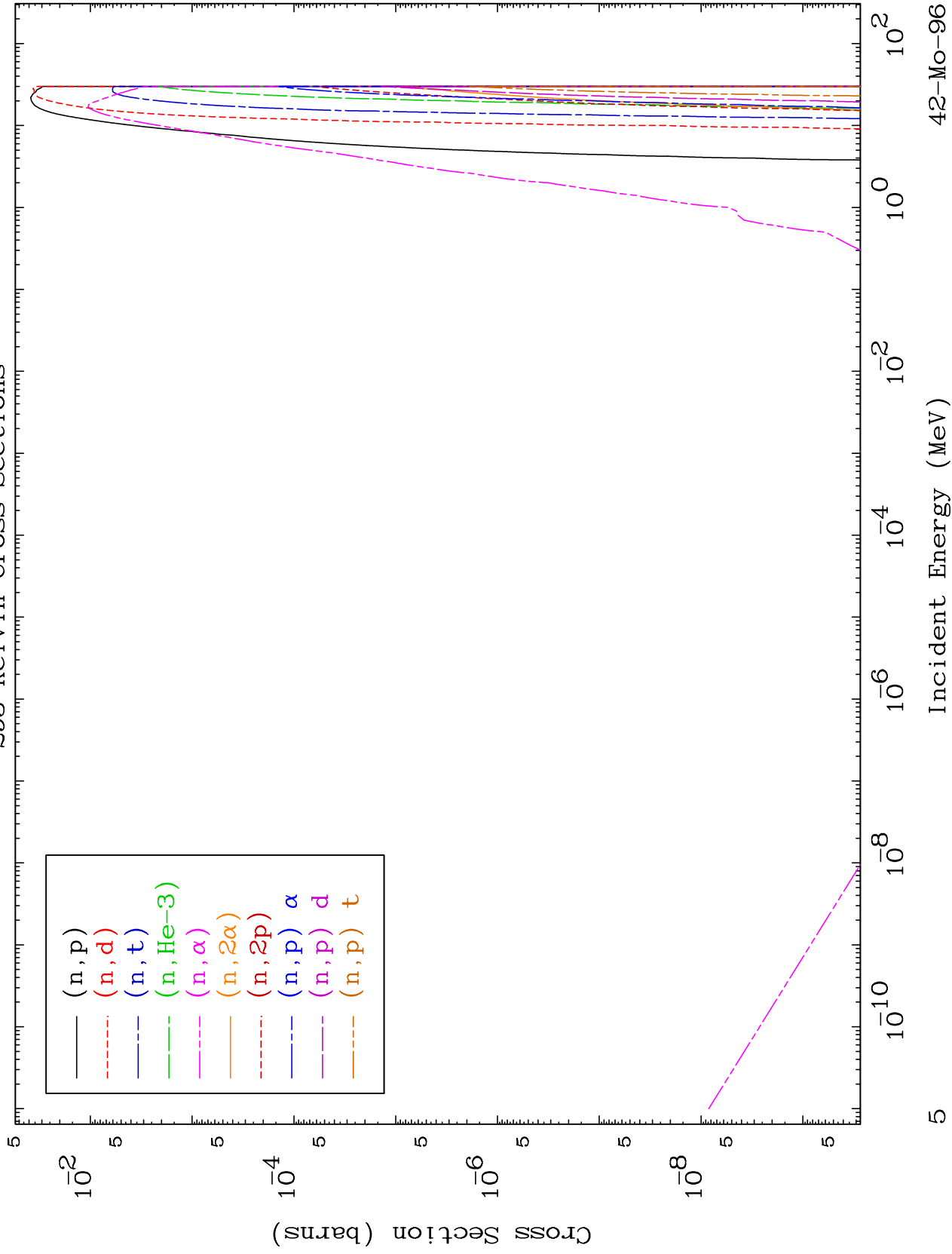
42-Mo-96







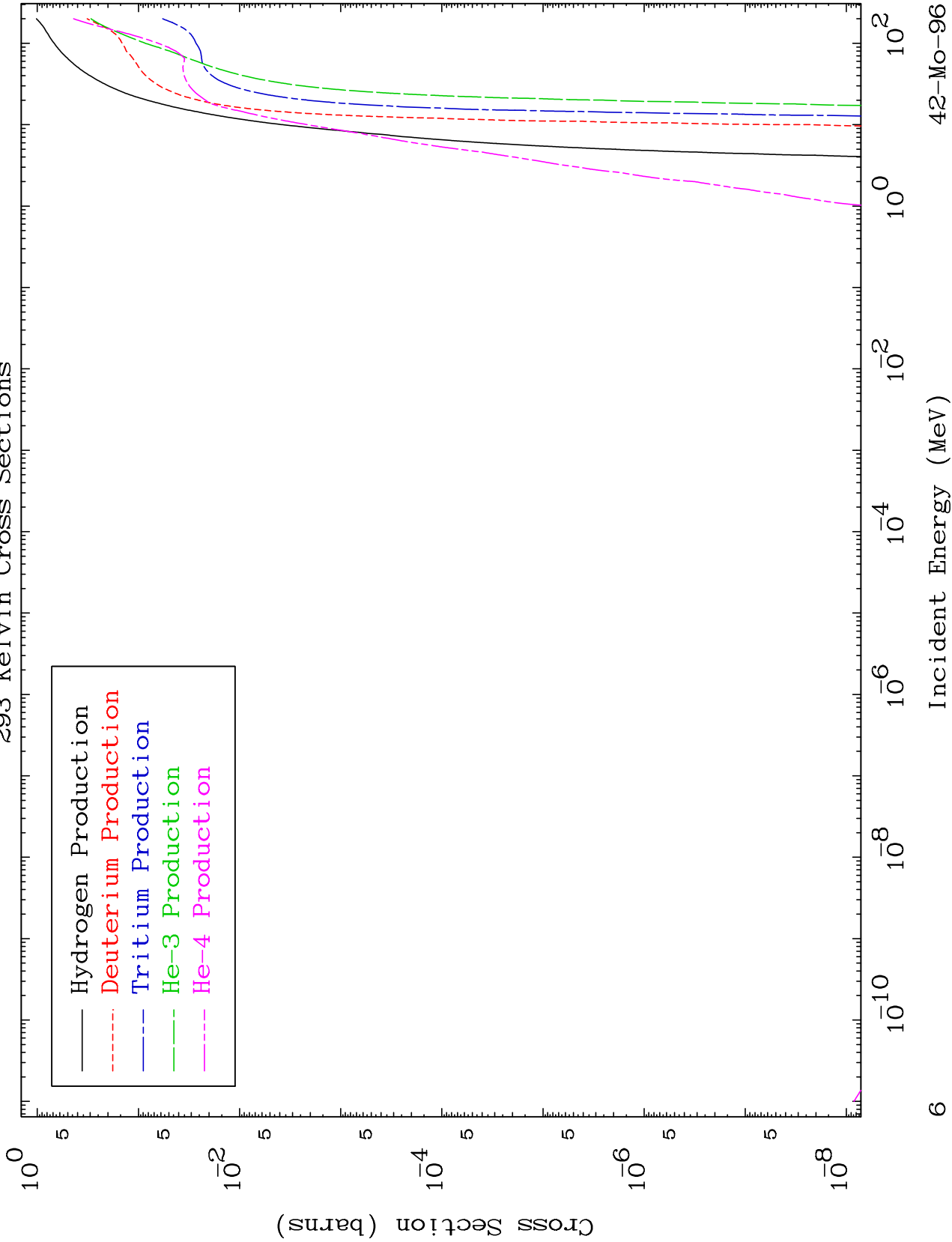




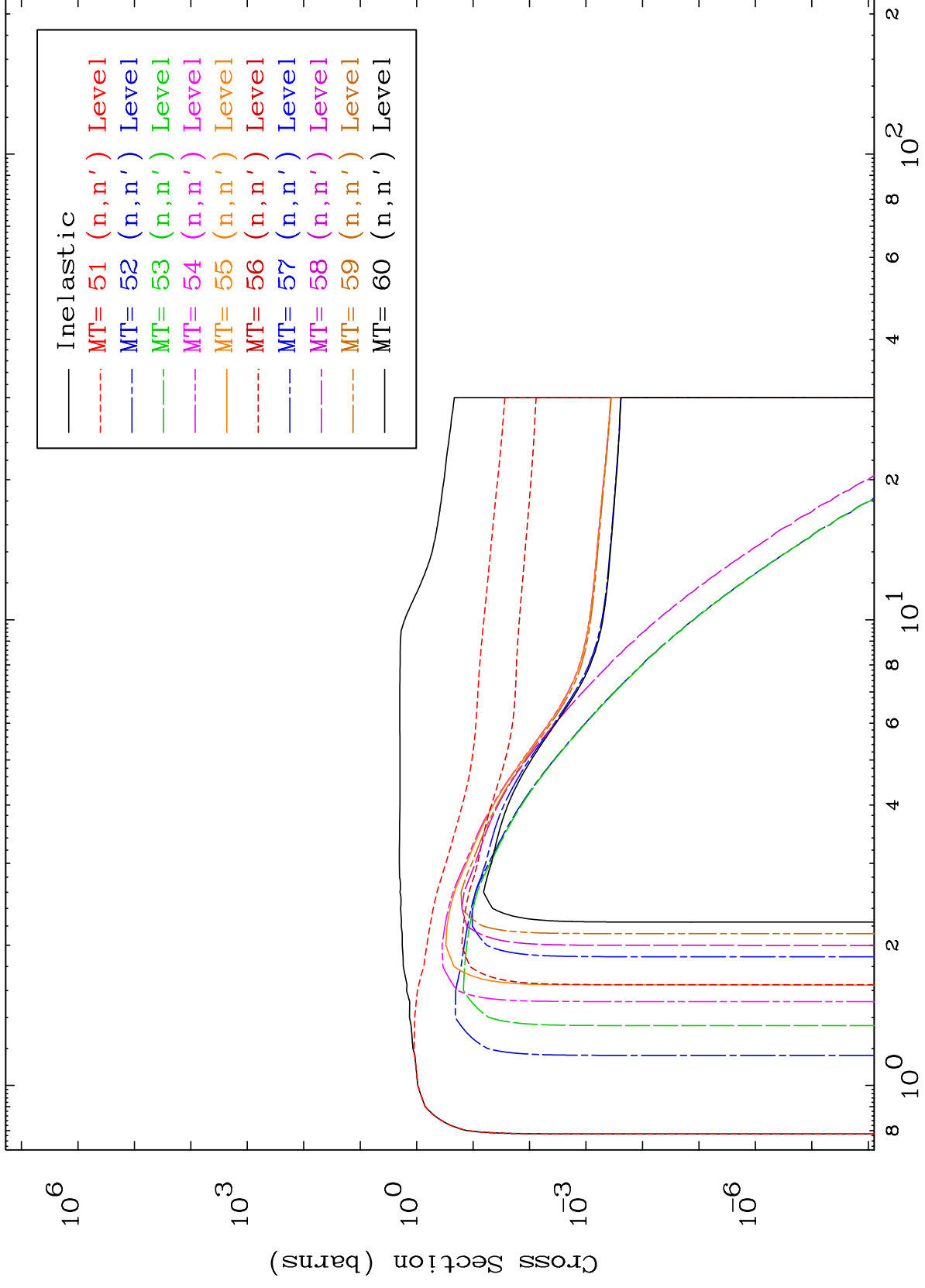
MAT 4237

Particle Production
293 Kelvin Cross Sections

42-Mo-96



293 Kelvin Cross Sections

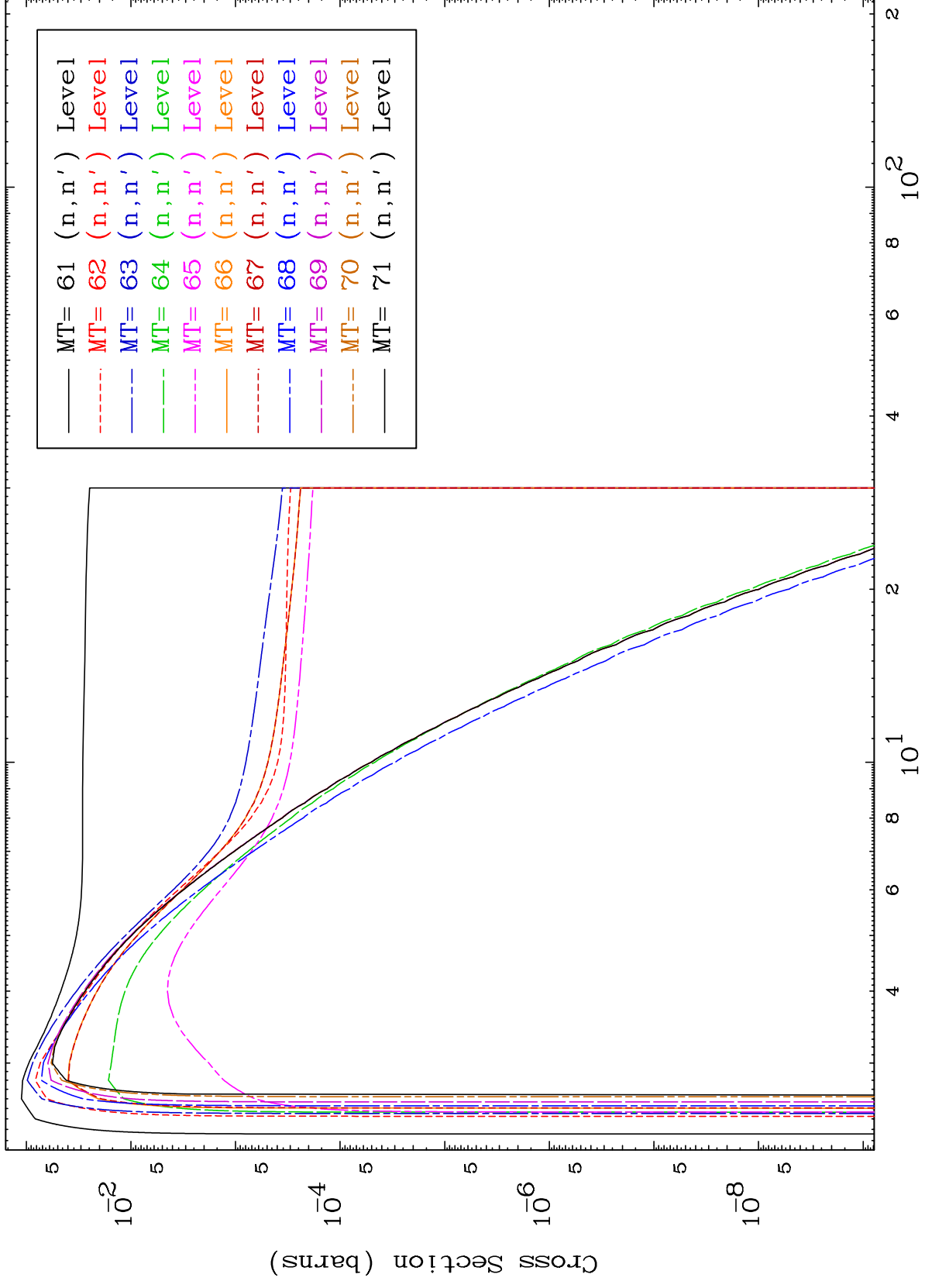


MAT 4237

(n,n') Level

42-Mo-96

293 Kelvin Cross Sections

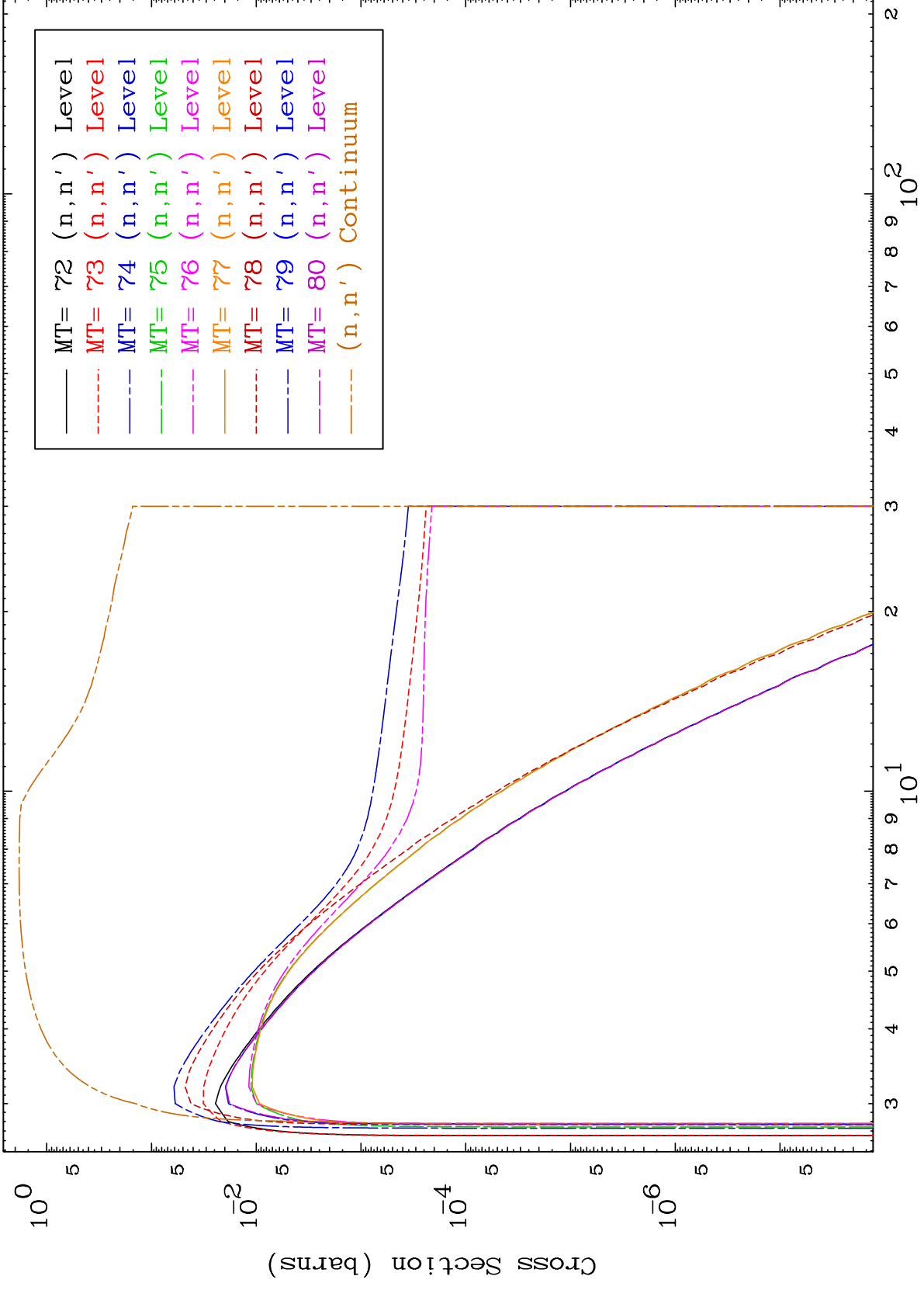


8

Incident Energy (MeV)

42-Mo-96

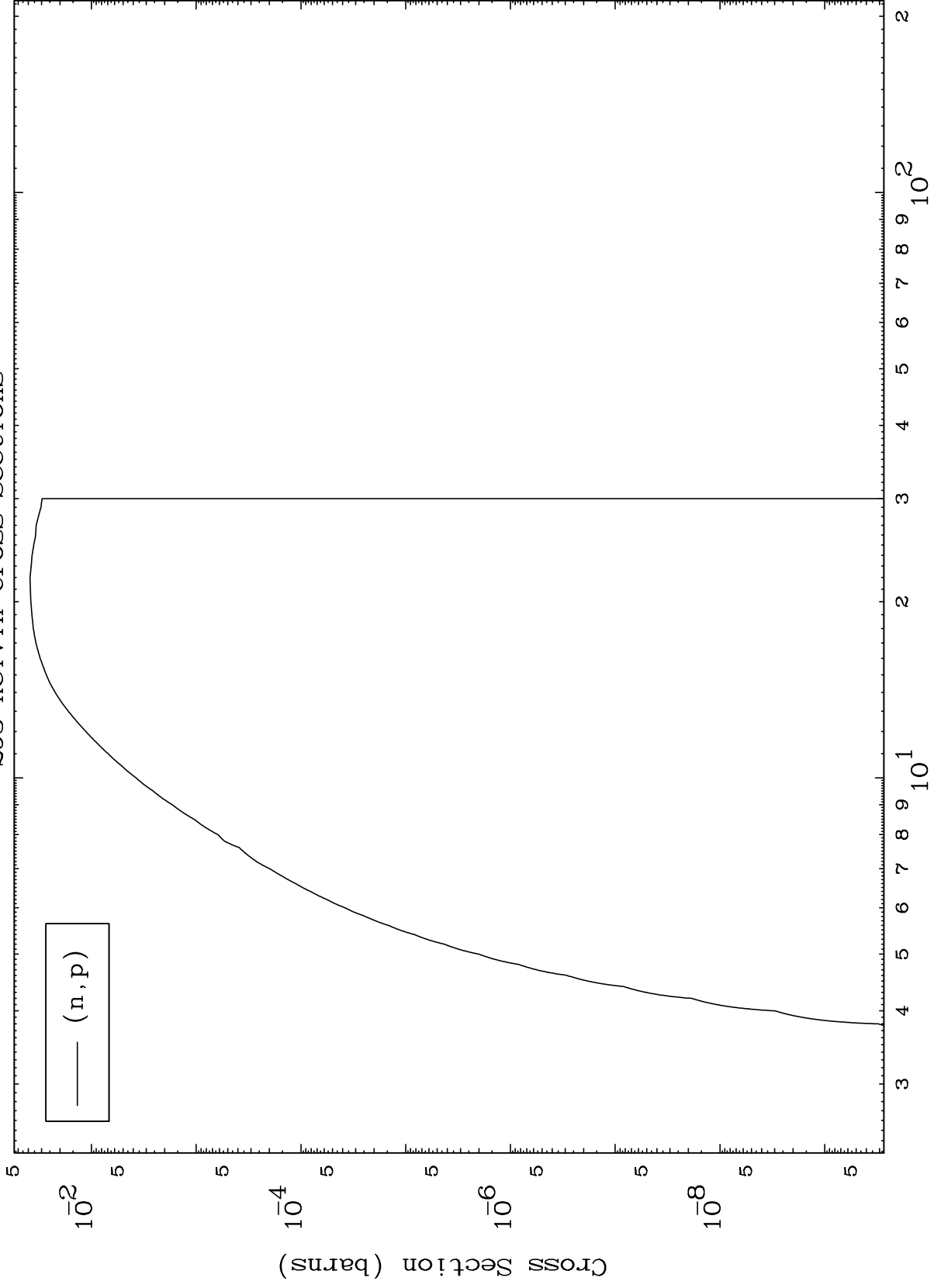
293 Kelvin Cross Sections



MAT 4237

(n,p) Levels
293 Kelvin Cross Sections

42-Mo-96



10

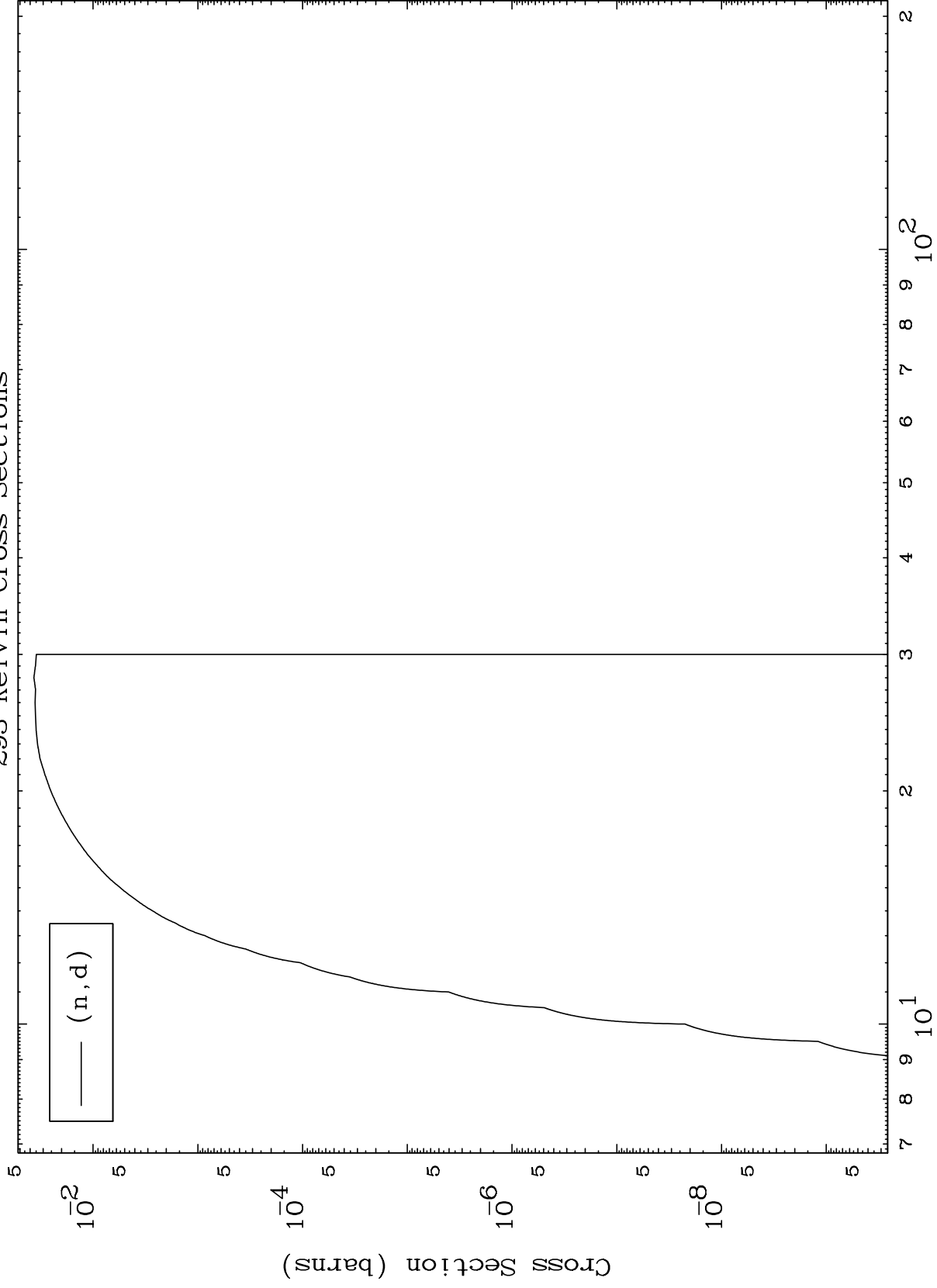
Incident Energy (MeV)

42-Mo-96

MAT 4237

(n,d) Levels
293 Kelvin Cross Sections

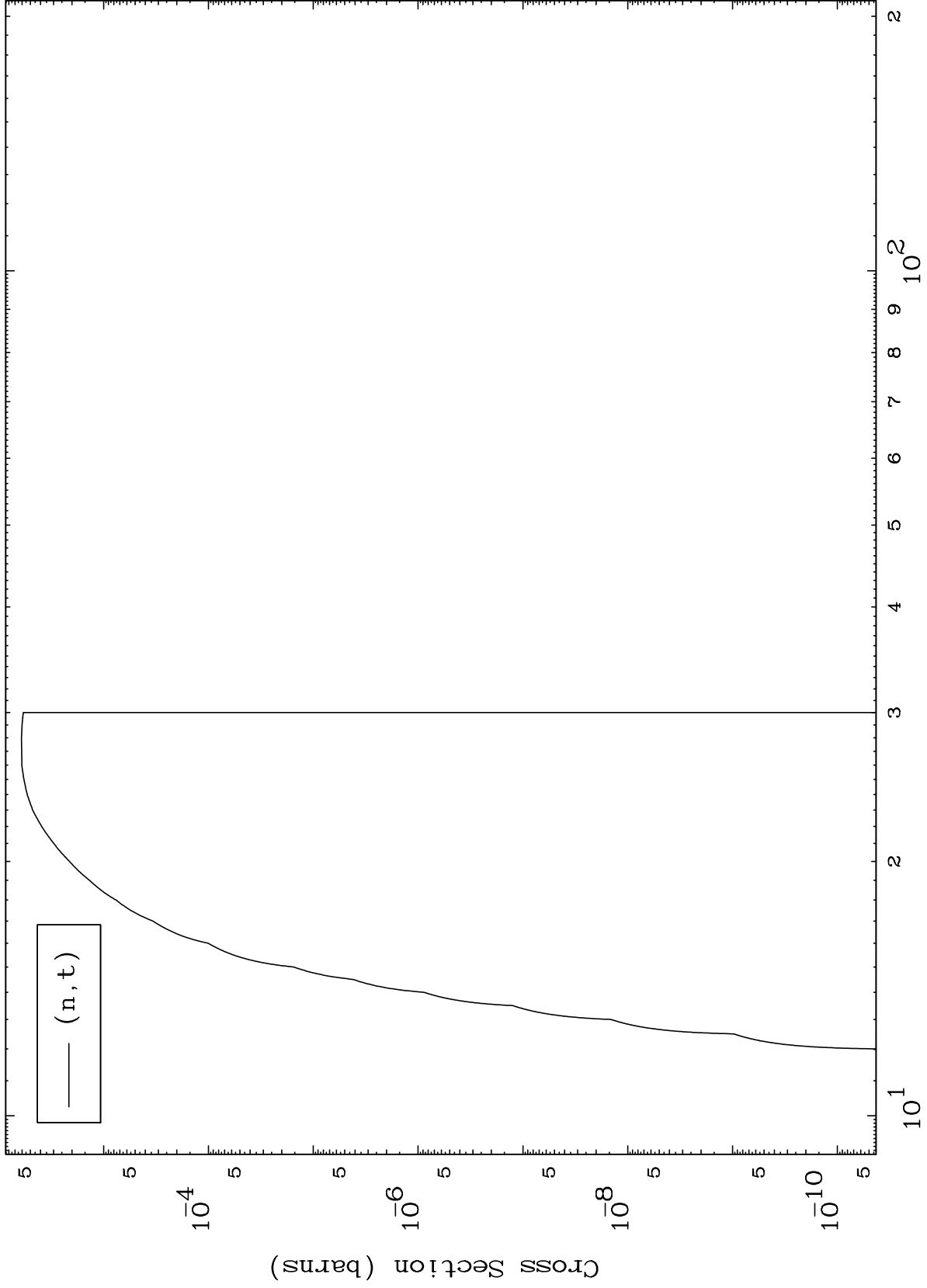
42-Mo-96

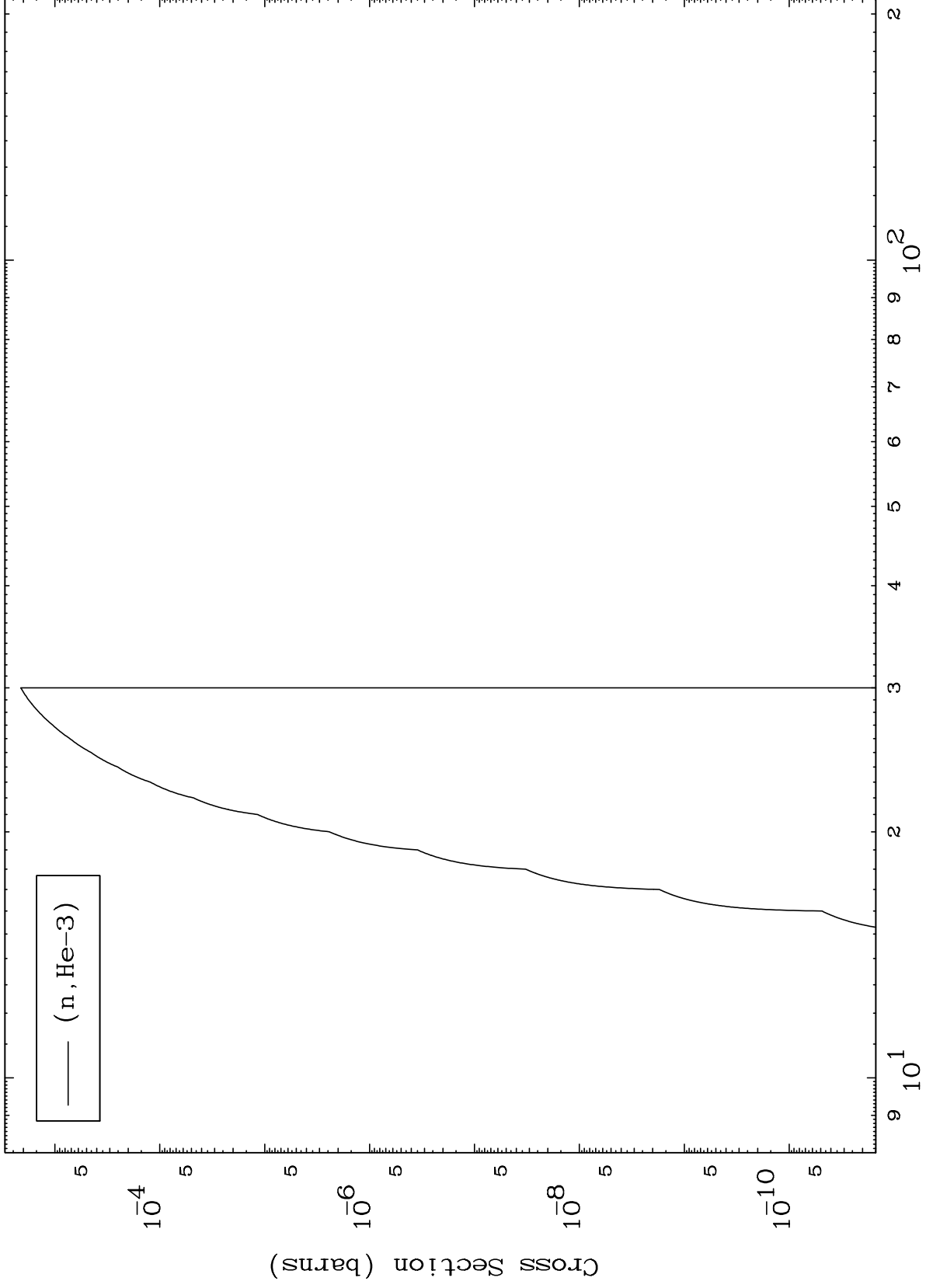


11

Incident Energy (MeV)

42-Mo-96

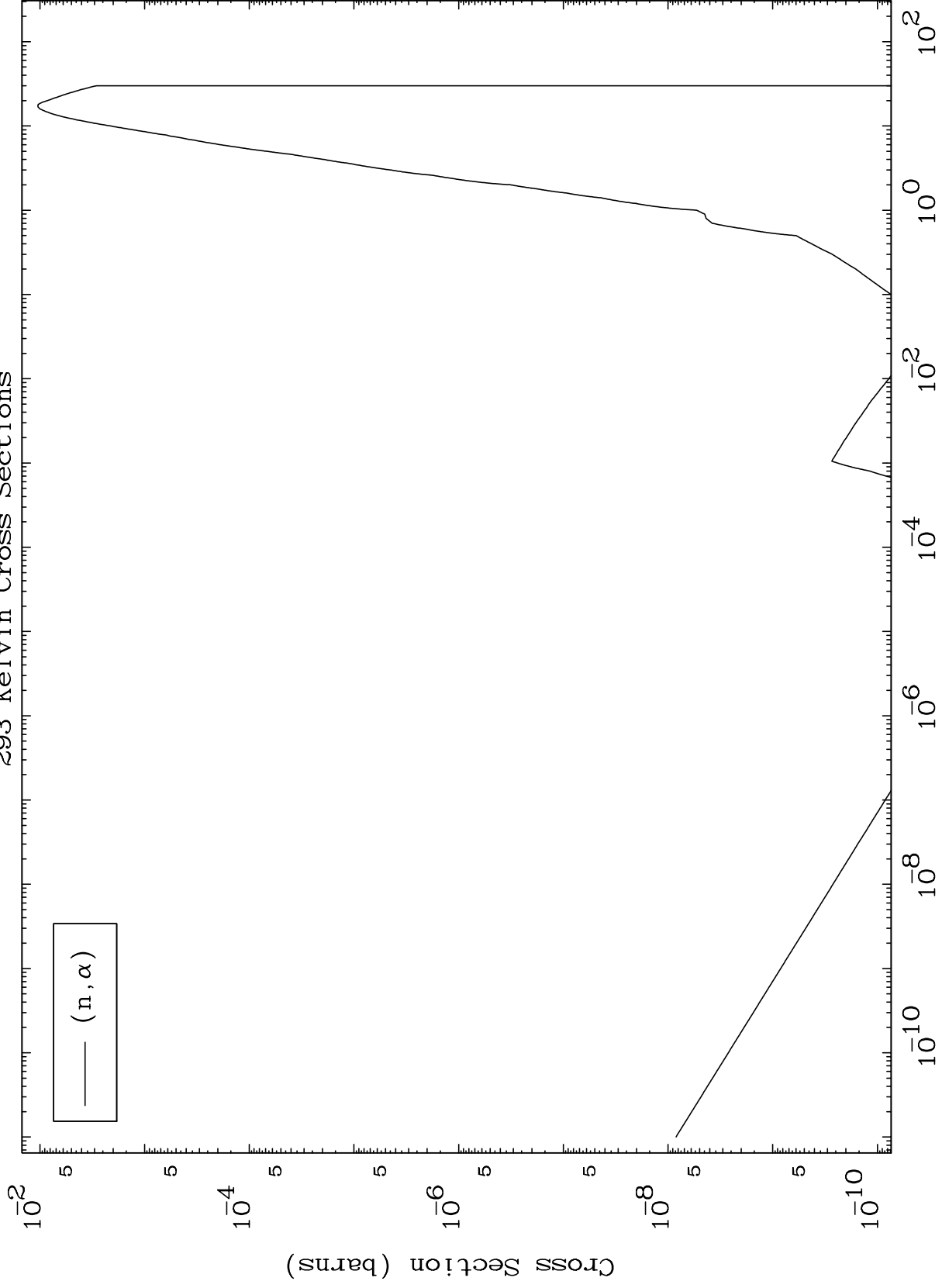


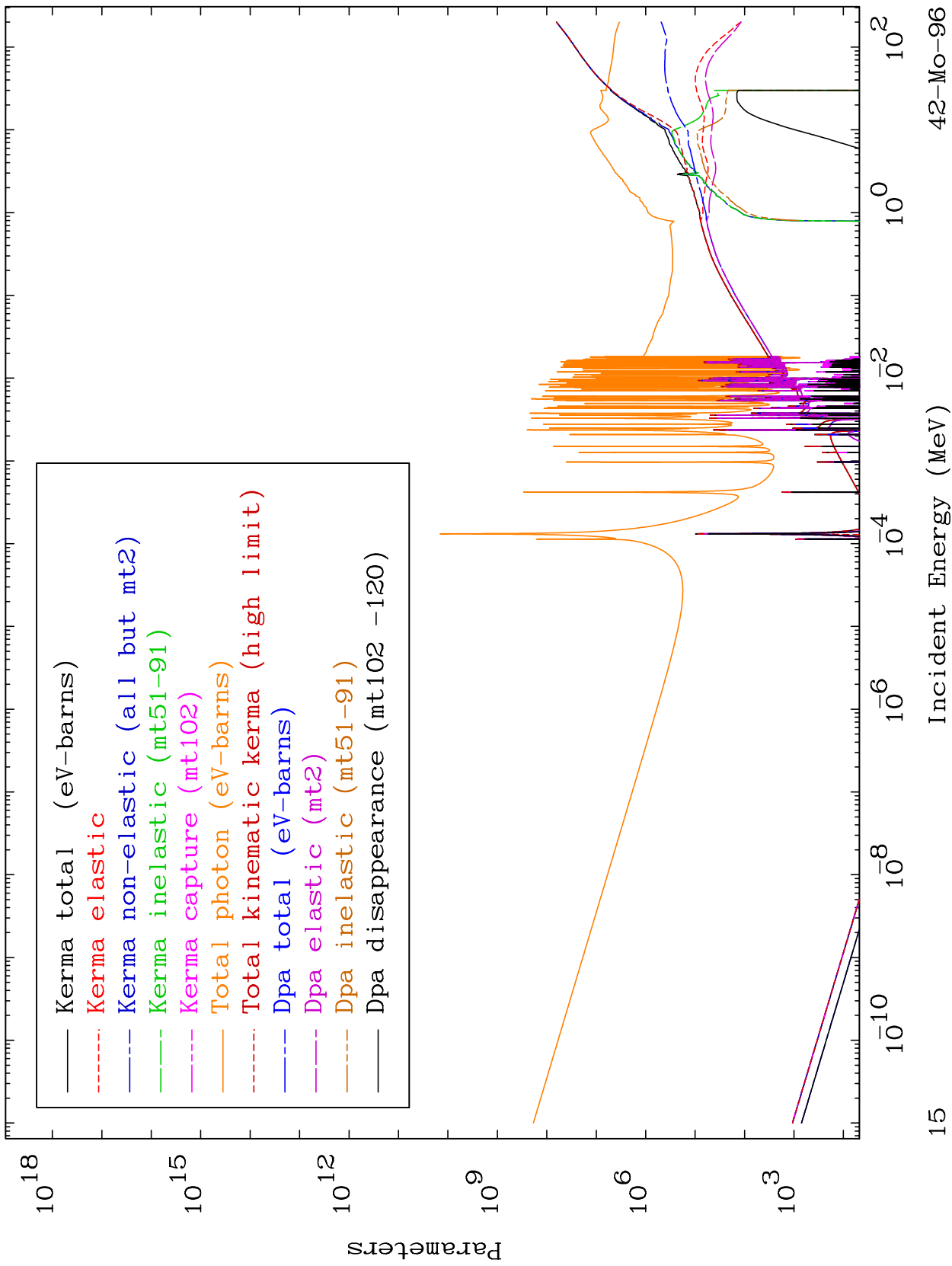


MAT 4237

(n, α) Levels
293 Kelvin Cross Sections

42-Mo-96

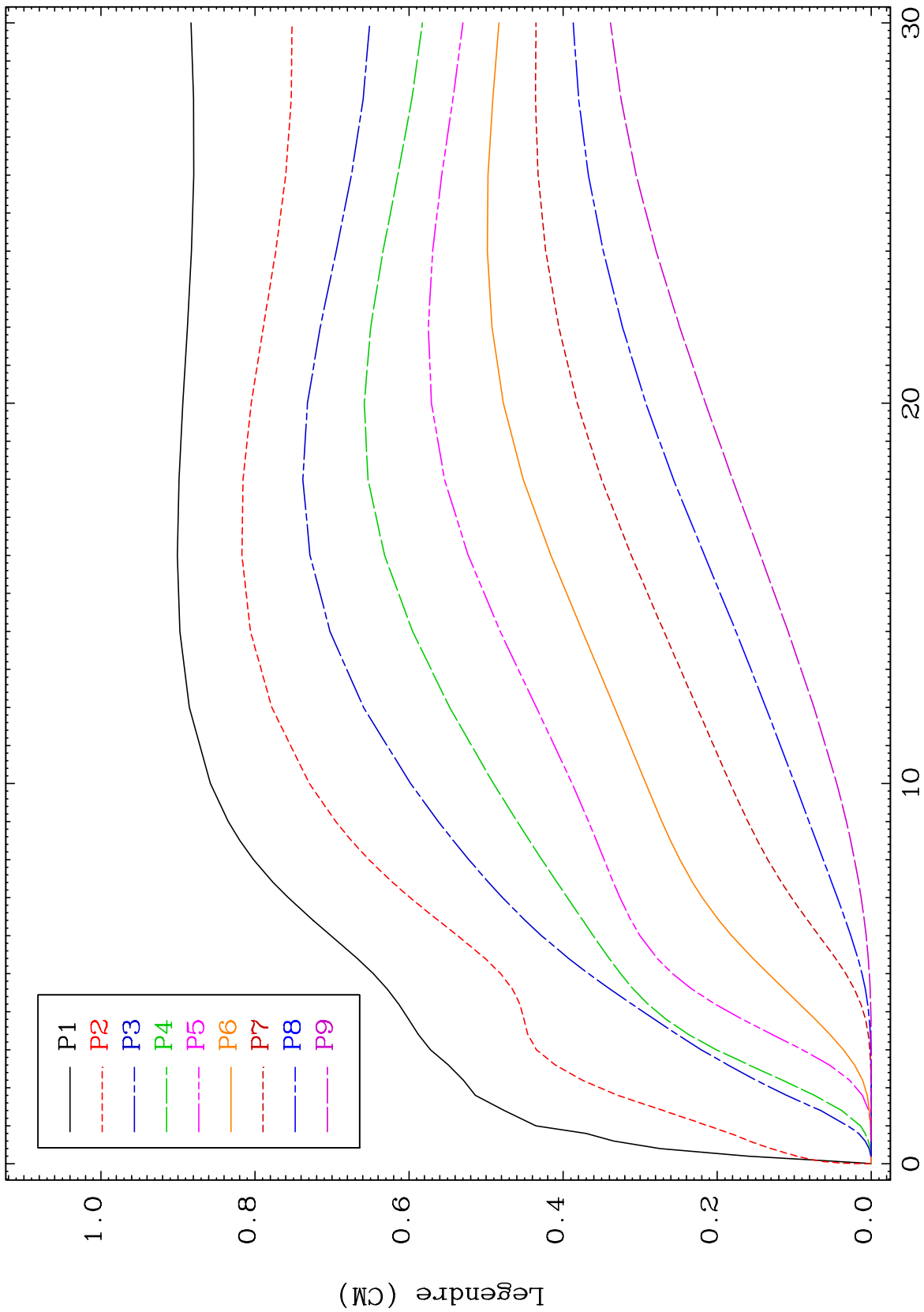




MAT 4237

Elastic Legendre Coefficients

42-Mo-96



16

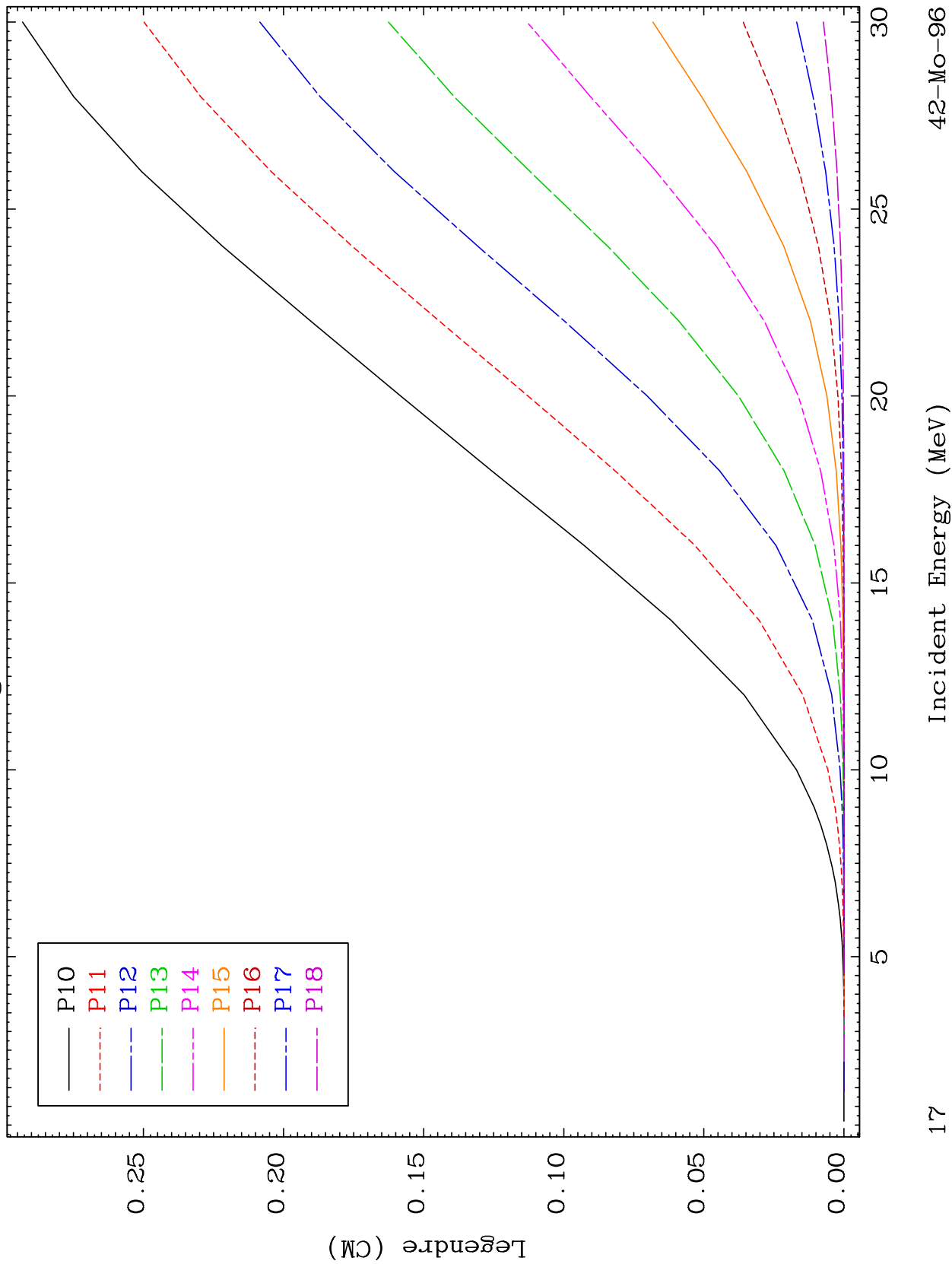
Incident Energy (MeV)

42-Mo-96

MAT 4237

Elastic Legendre Coefficients

42-Mo-96



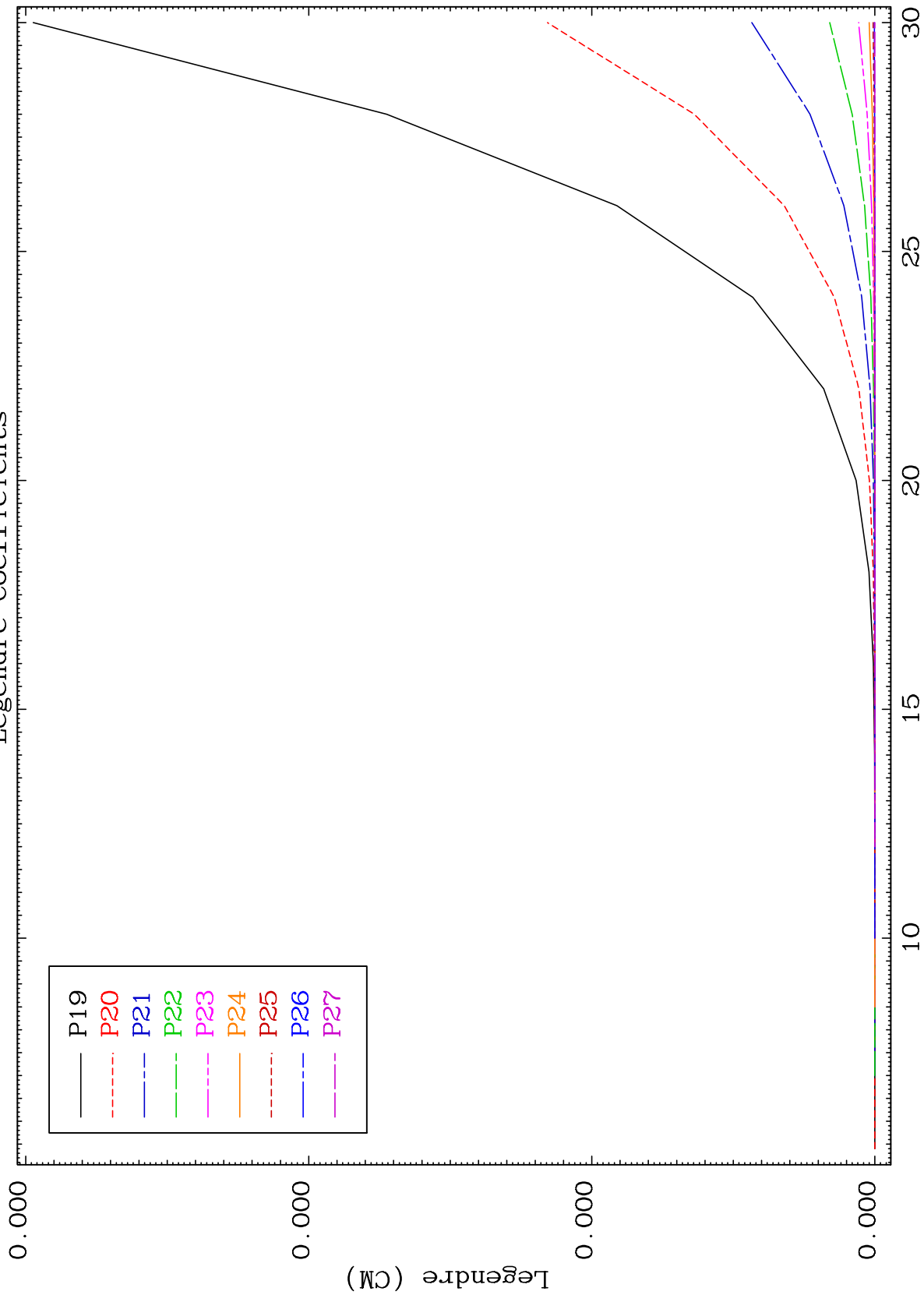
17

42-Mo-96

MAT 4237

Elastic Legendre Coefficients

42-Mo-96

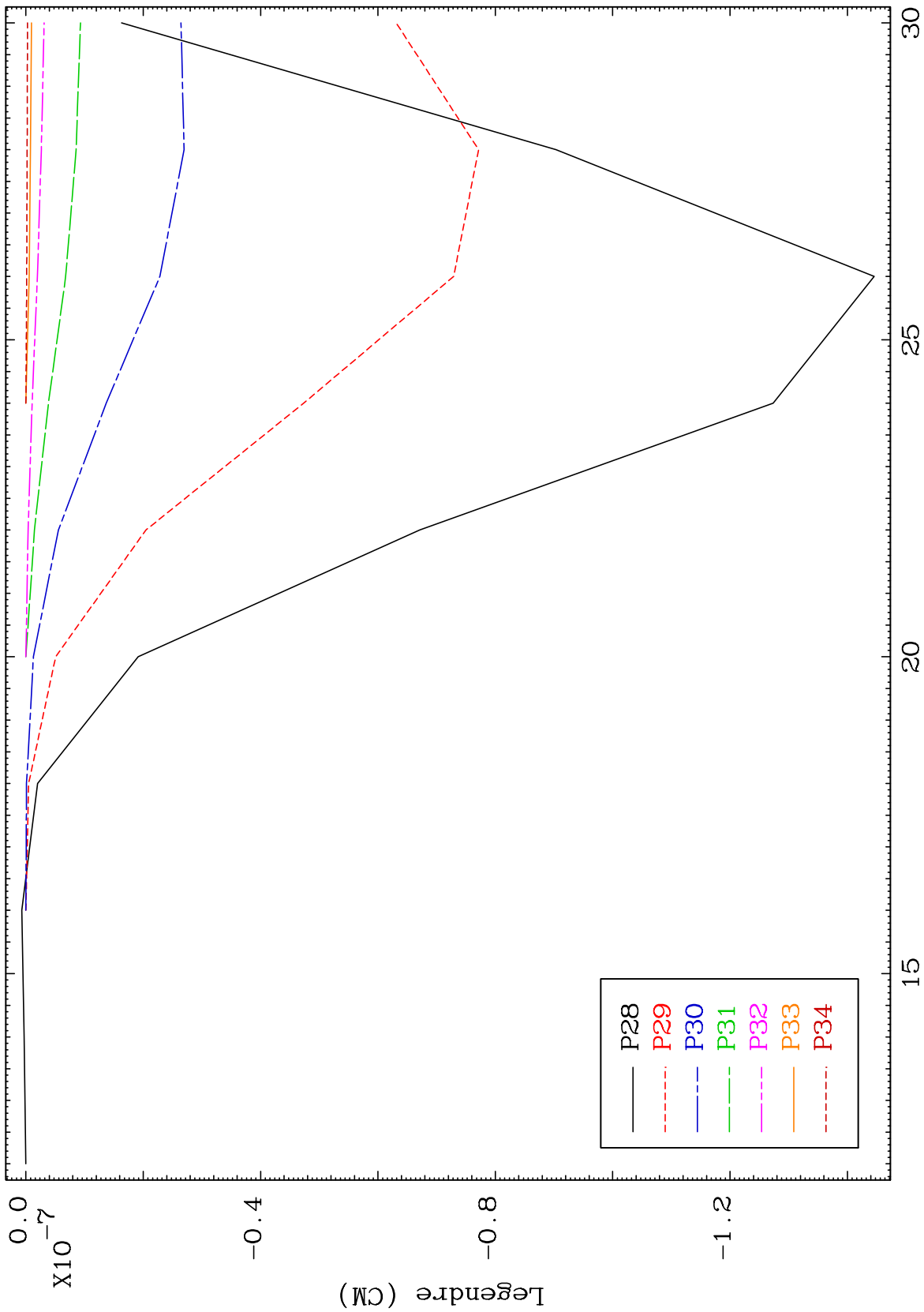


18

Incident Energy (MeV)

42-Mo-96

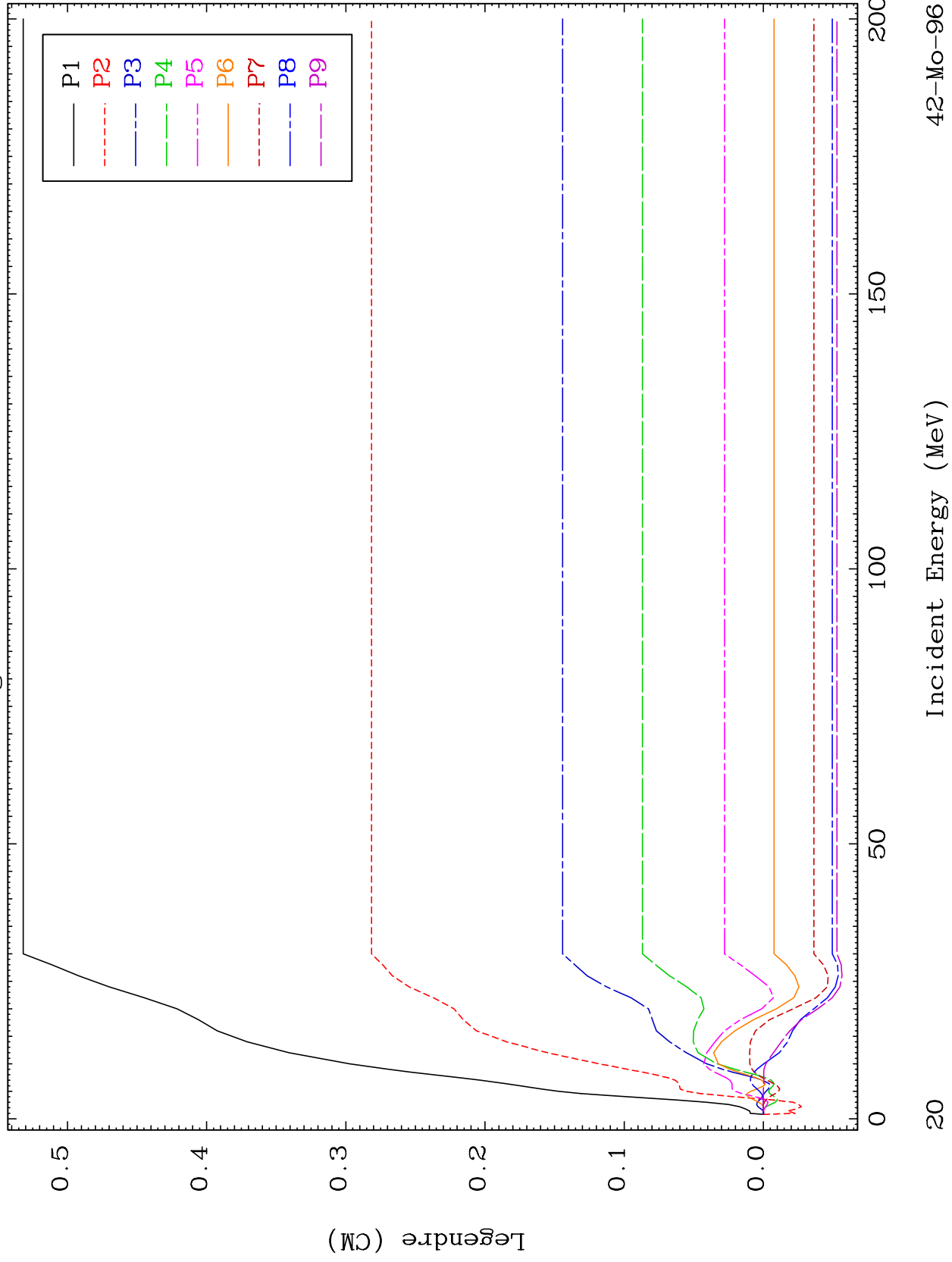
Elastic Legendre Coefficients



MAT 4237

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

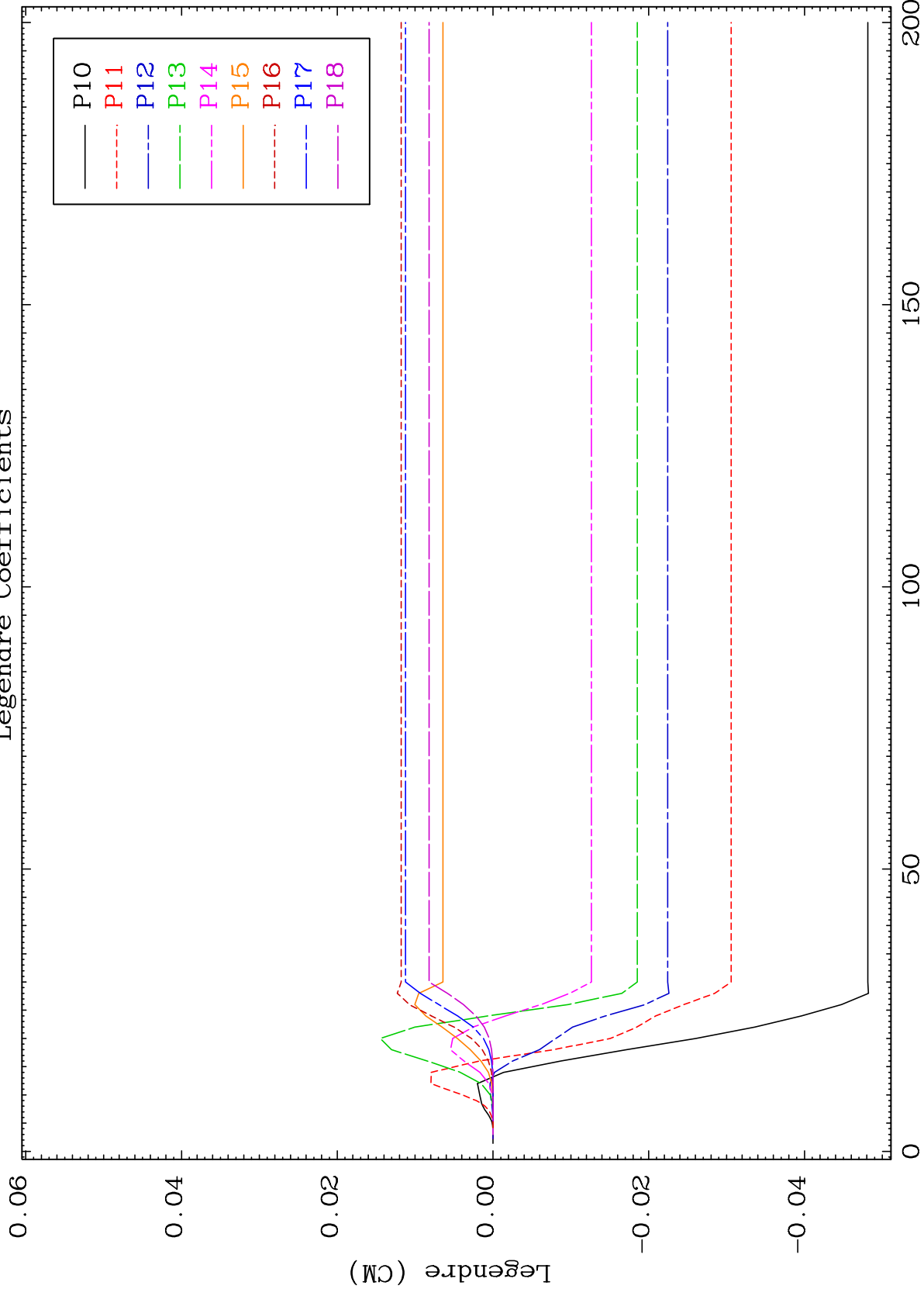
42-Mo-96



MAT 4237

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

42-Mo-96



21

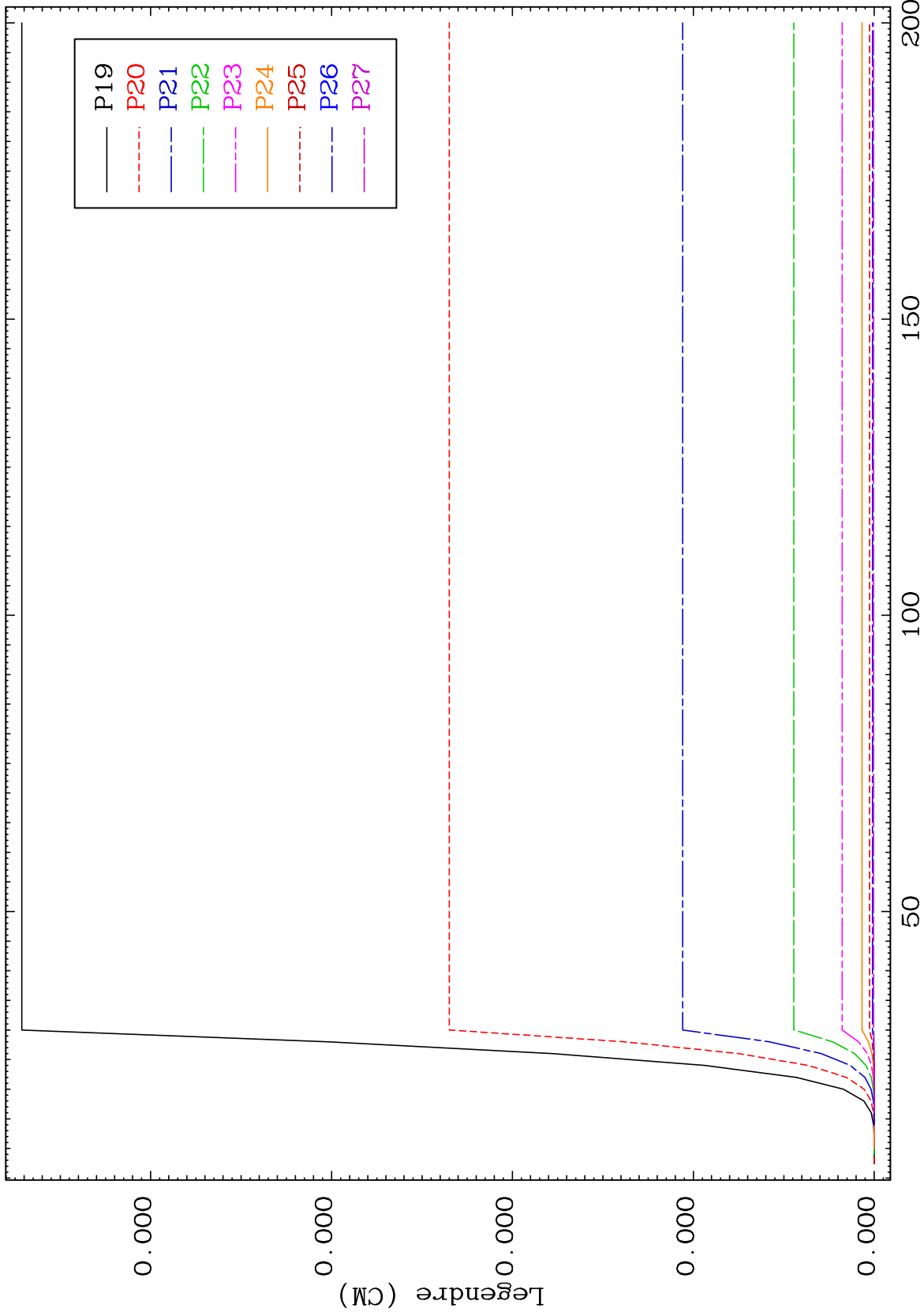
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



22

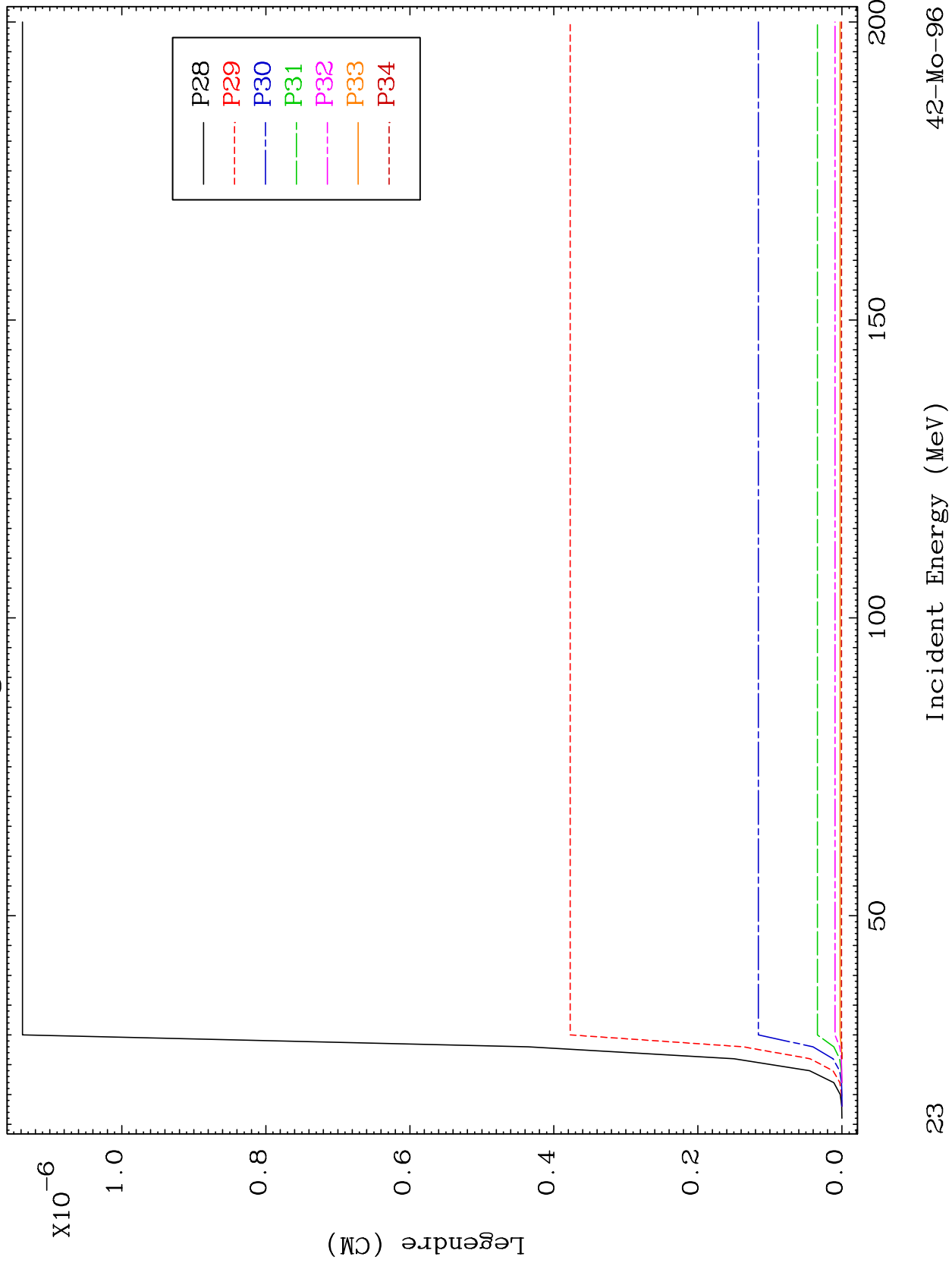
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96

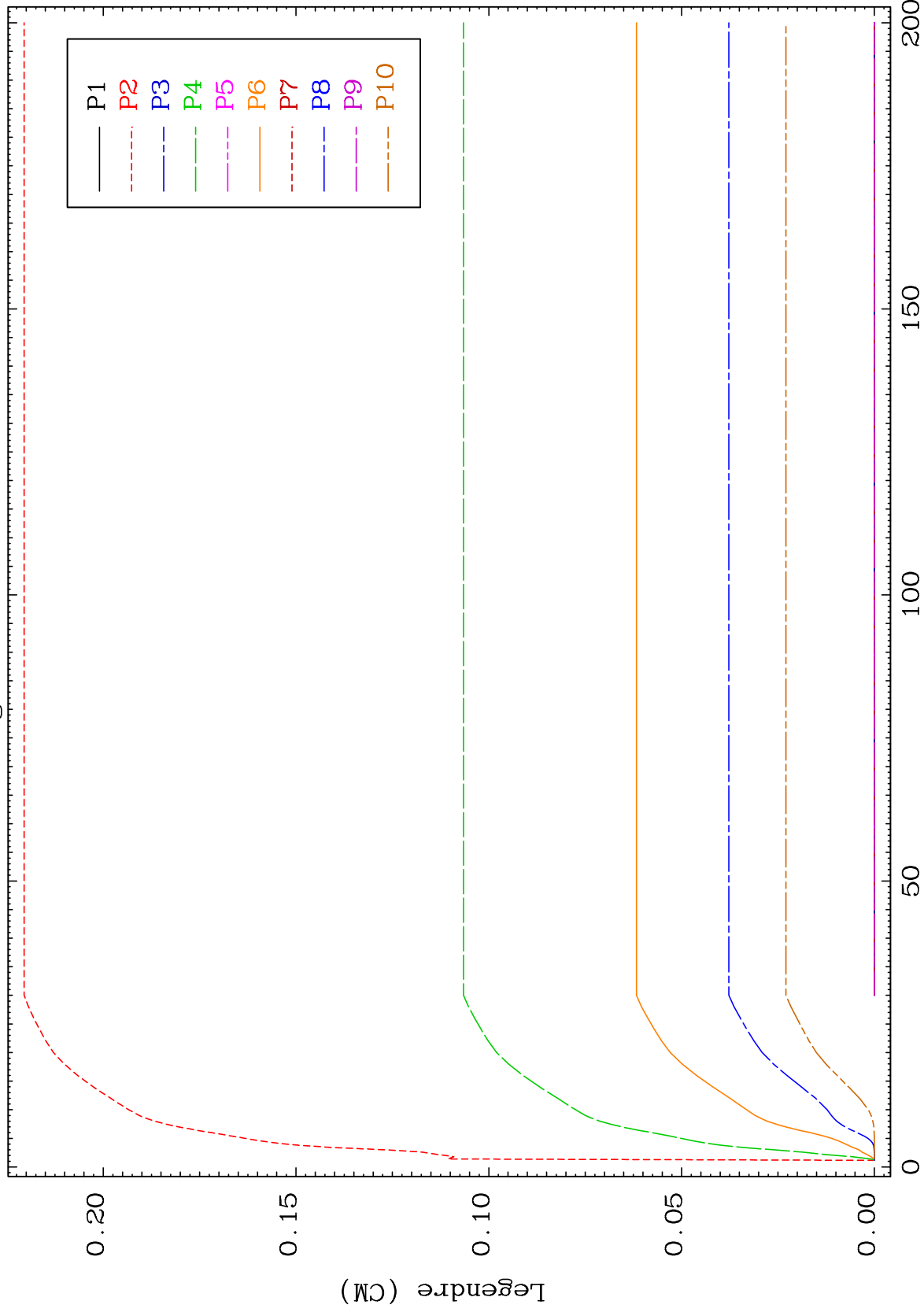


23

MAT 4237

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

42-Mo-96



24

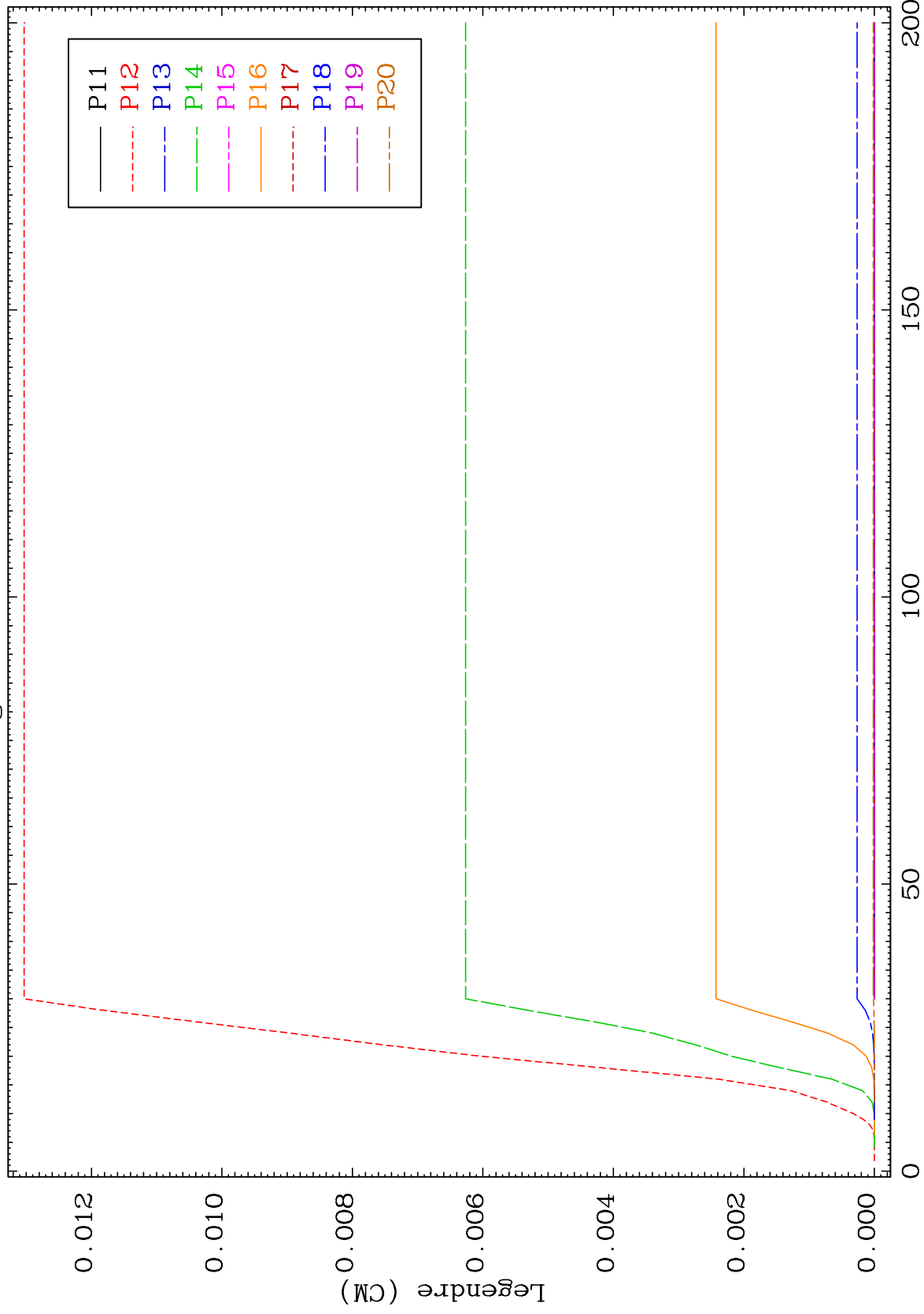
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

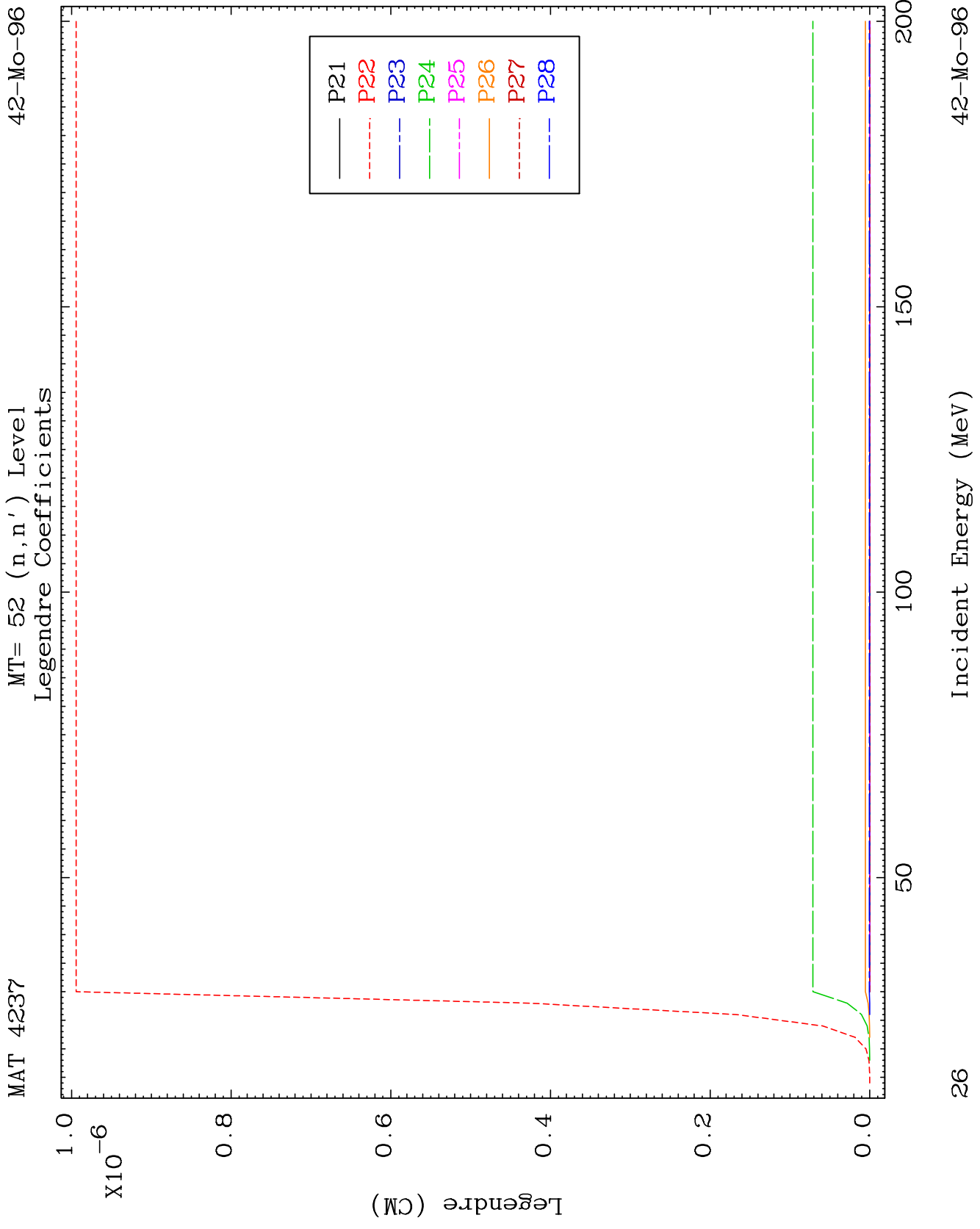
42-Mo-96



25

Incident Energy (MeV)

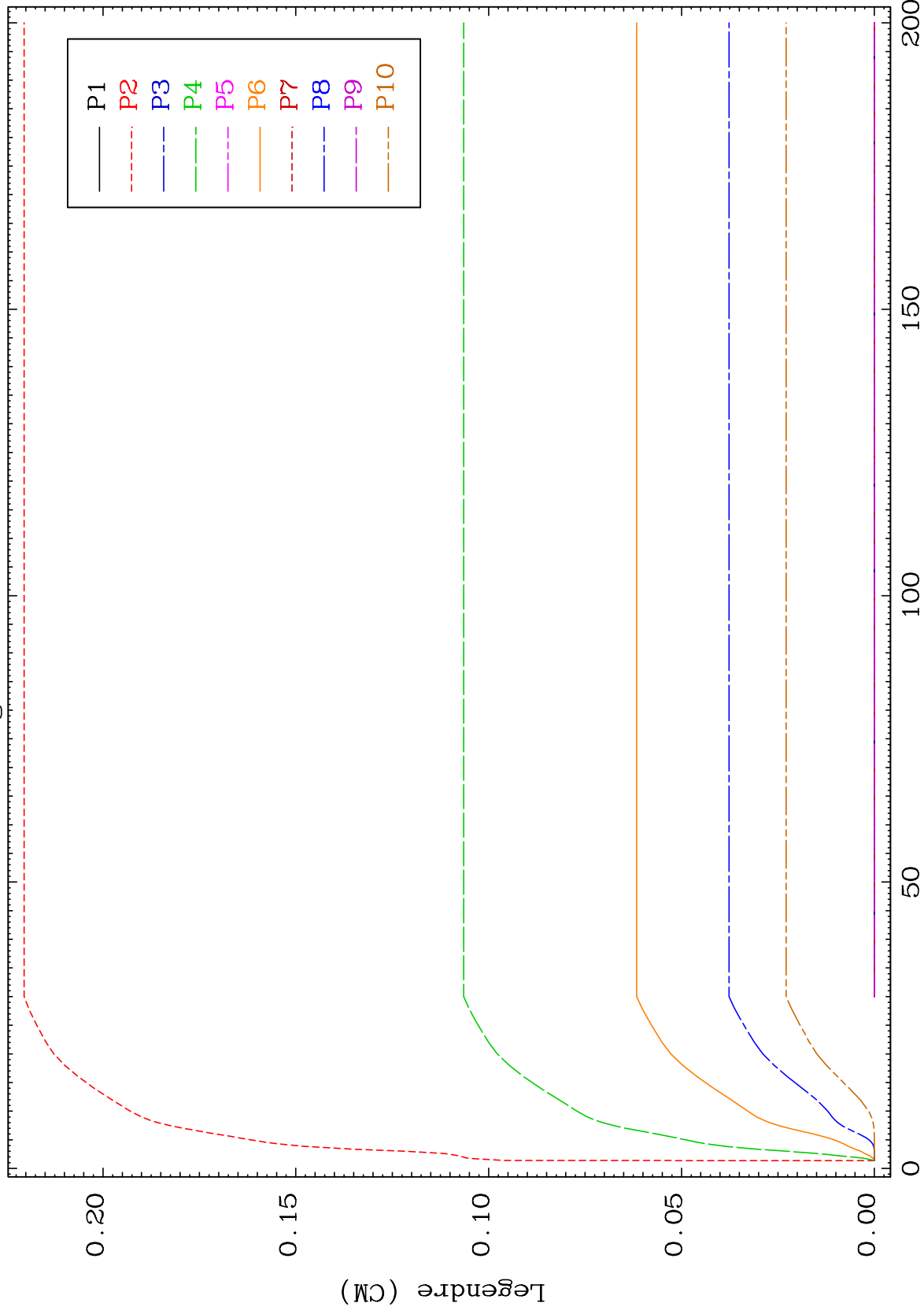
42-Mo-96



MAT 4237

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

42-Mo-96



27

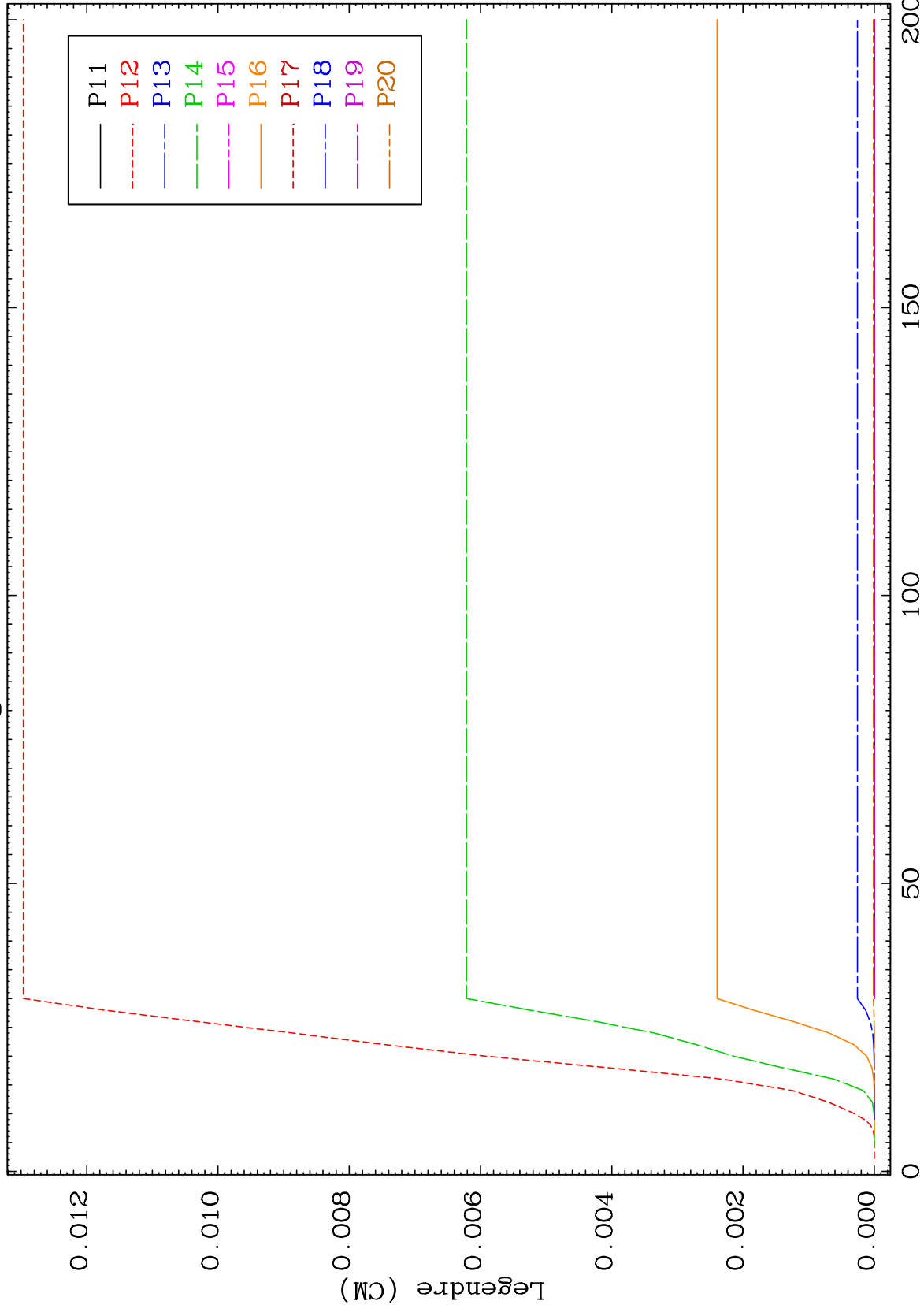
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



28

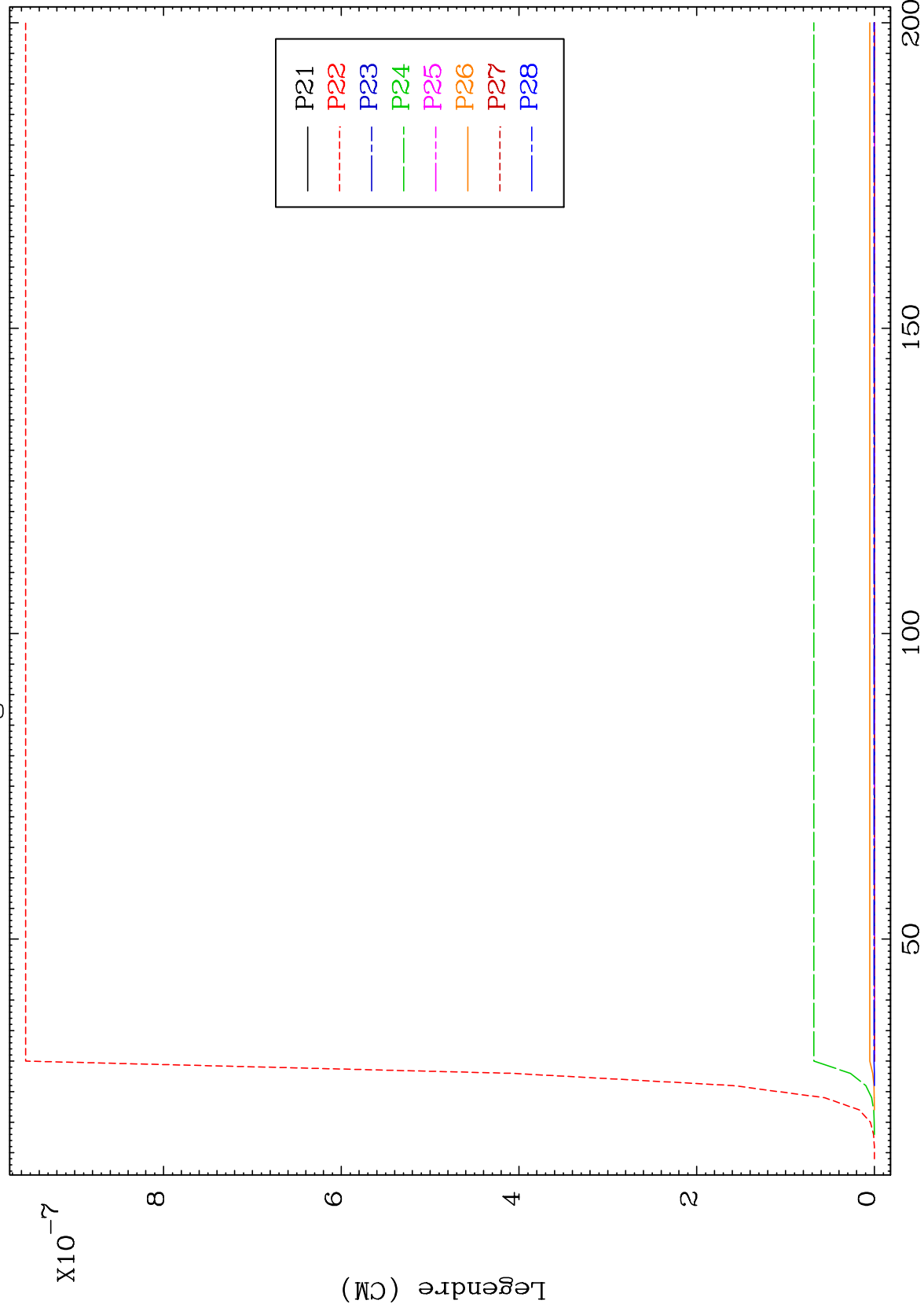
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



29

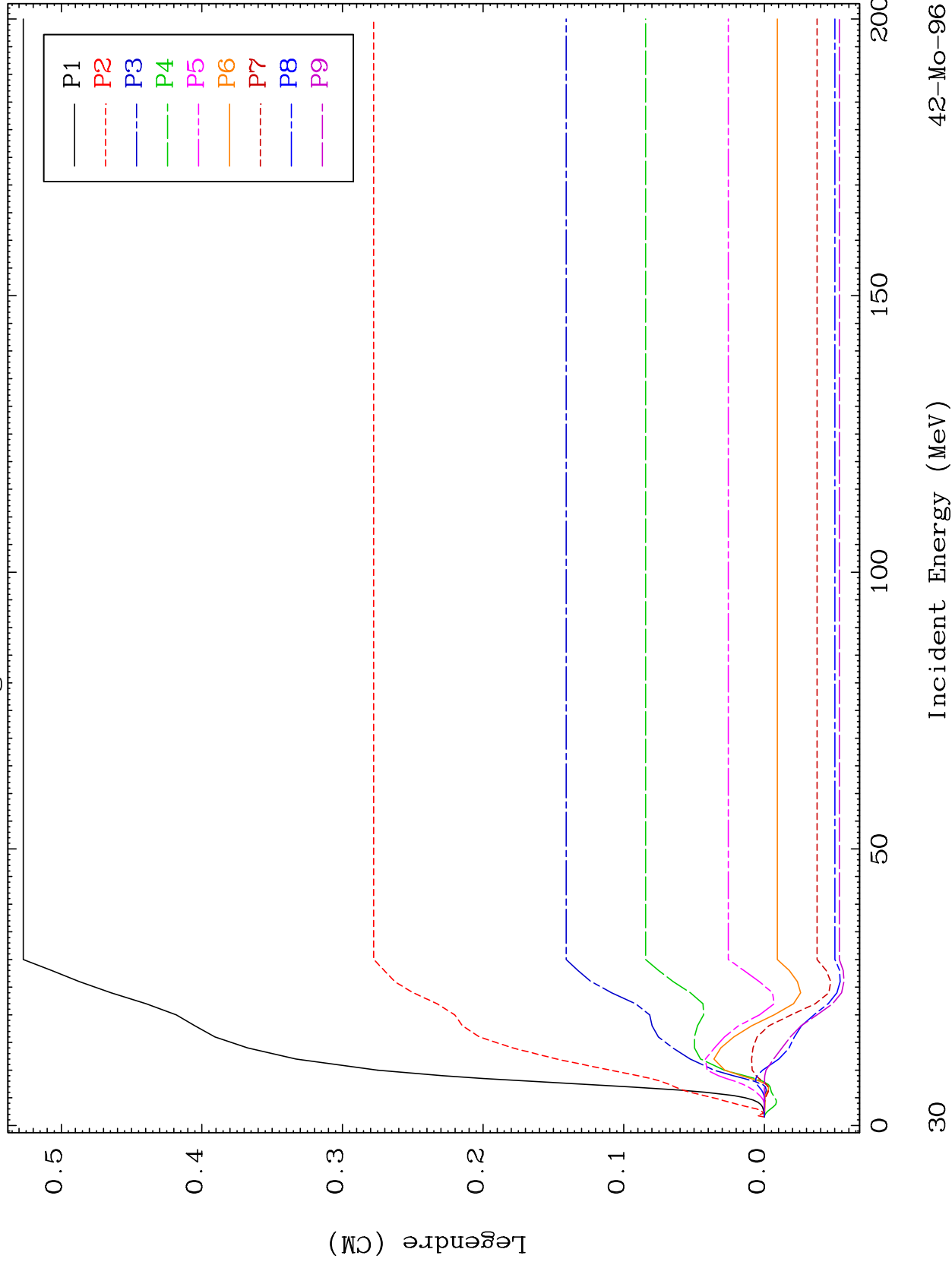
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



42-Mo-96

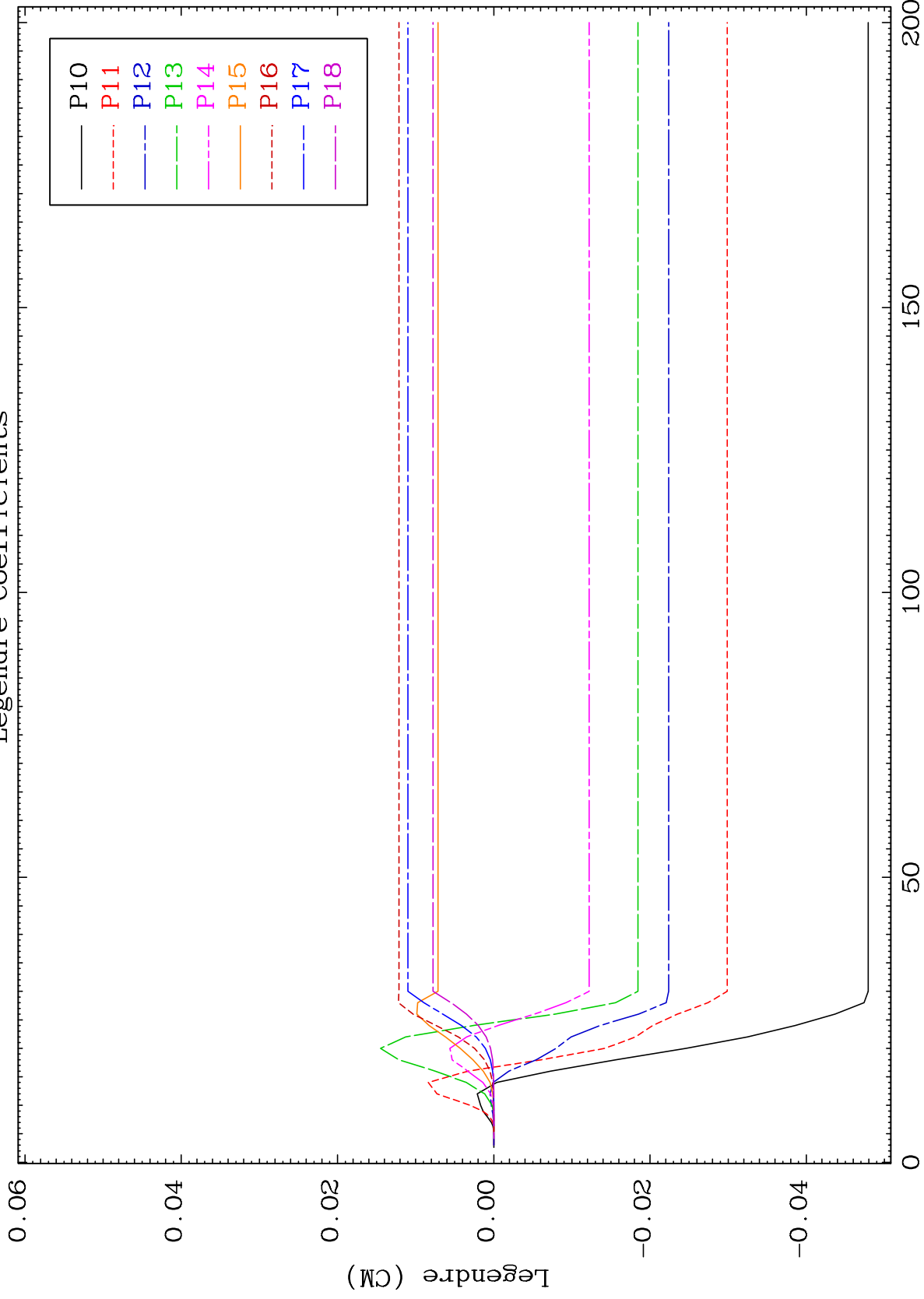
Incident Energy (MeV)

30

MAT 4237

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

42-Mo-96



31

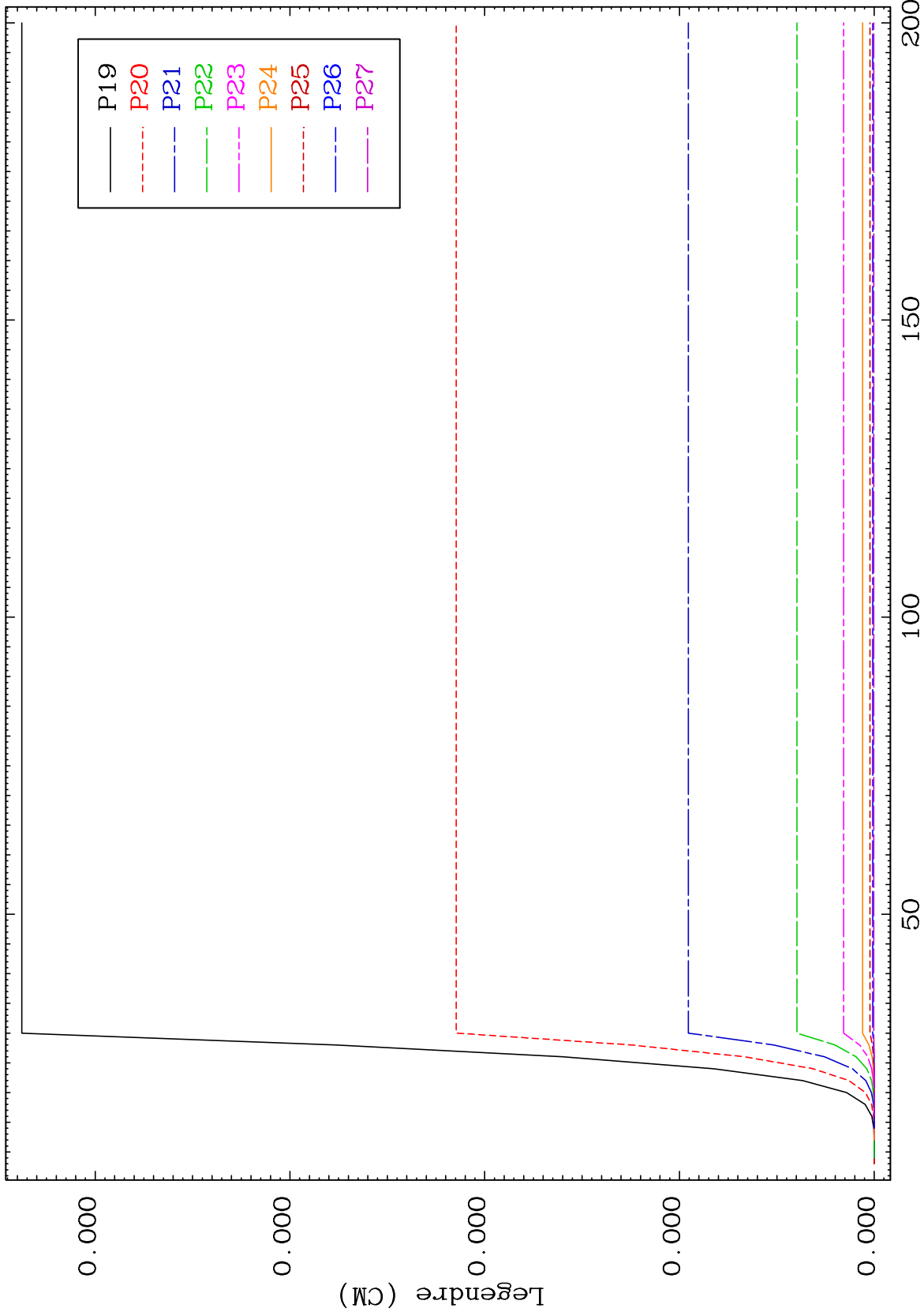
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



32

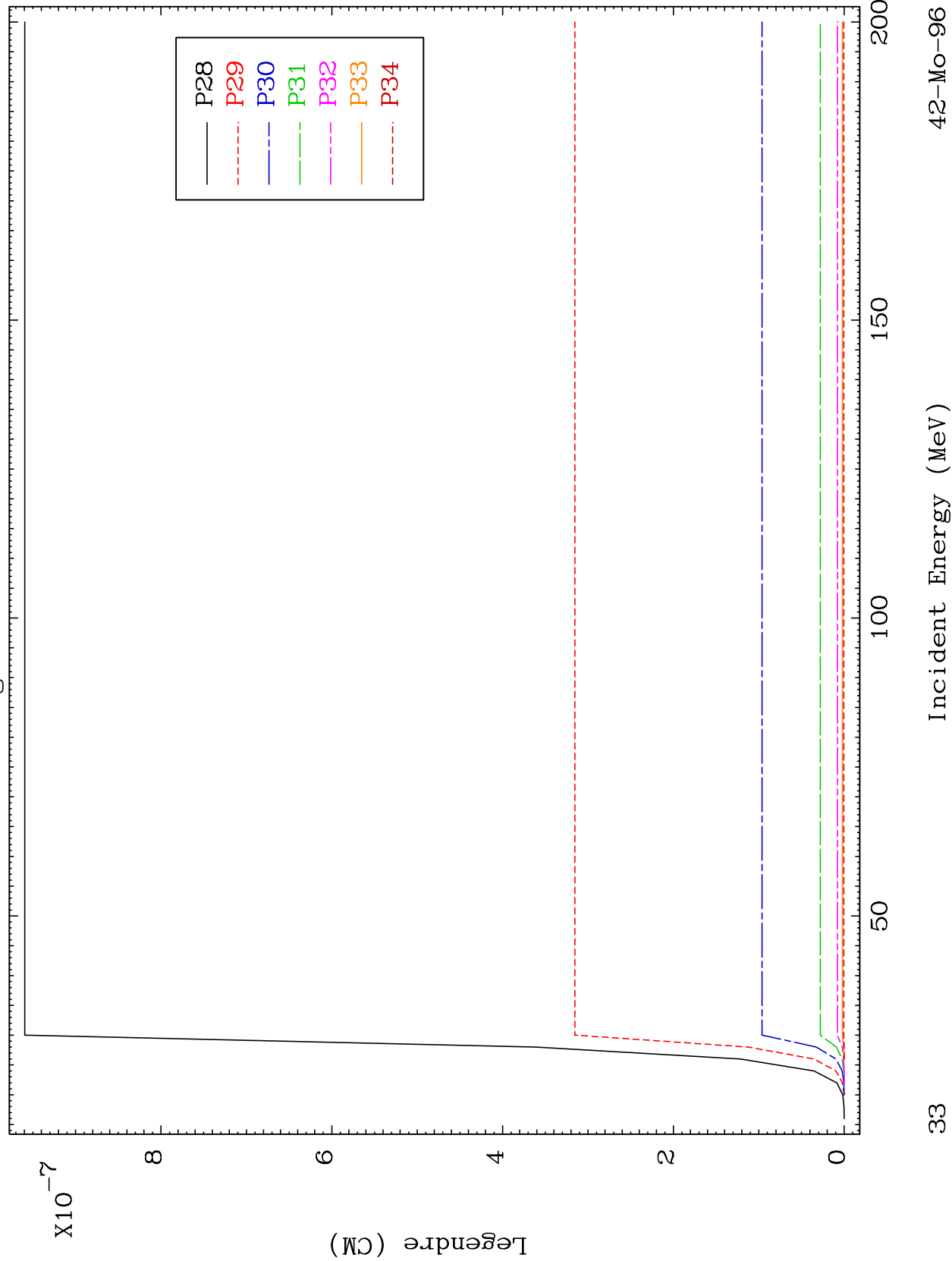
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



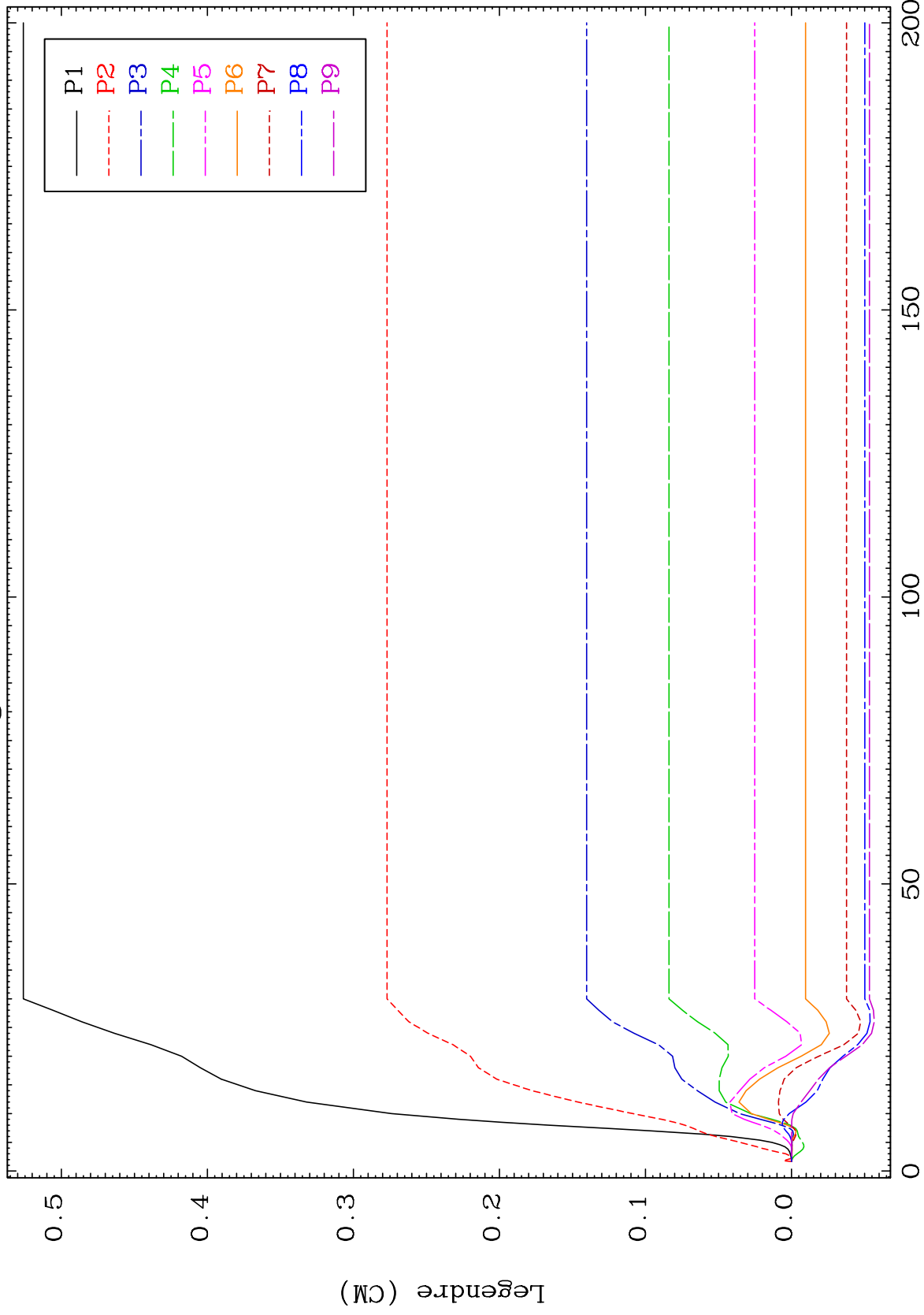
33

42-Mo-96

MAT 4237

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

42-Mo-96



34

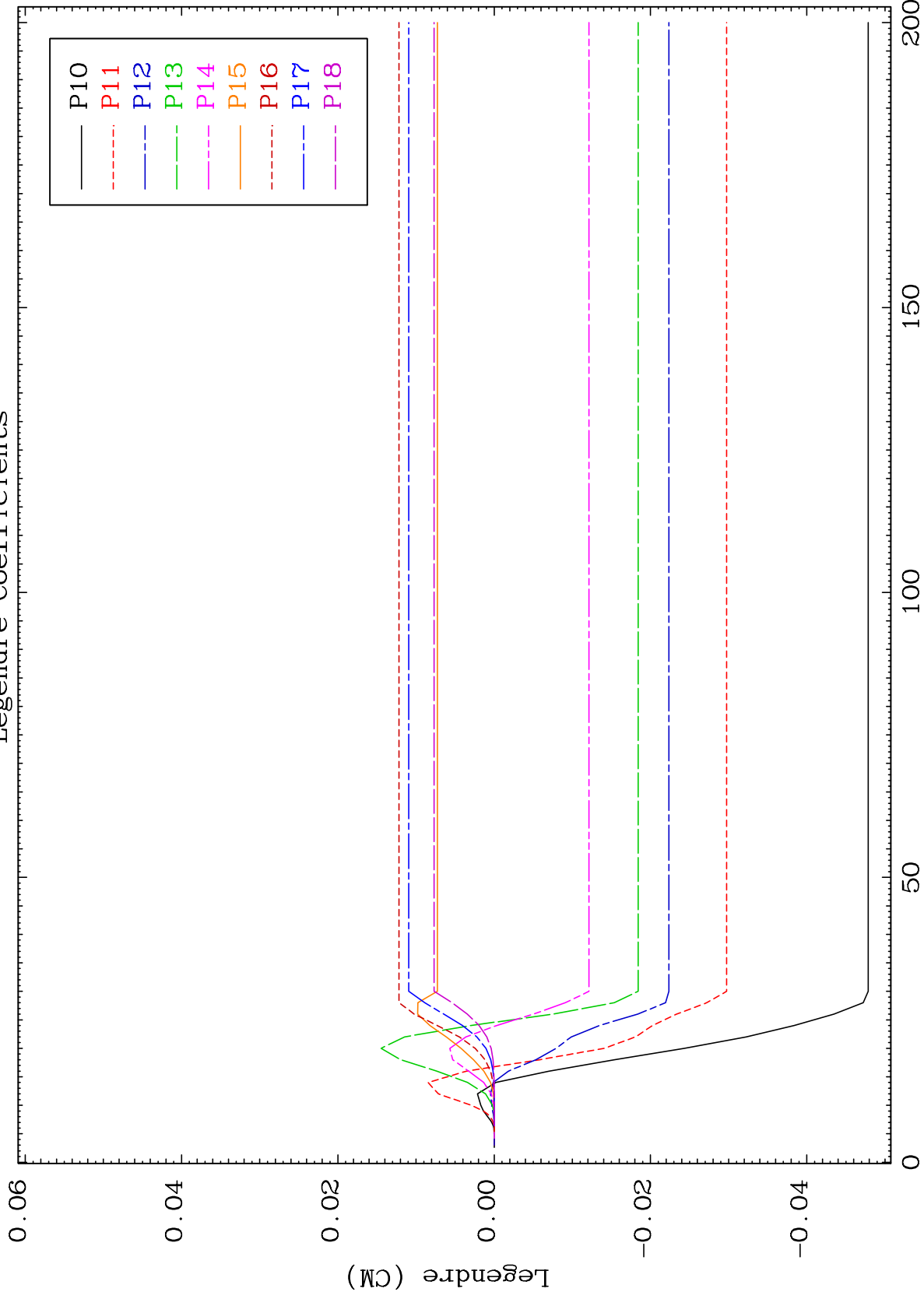
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



35

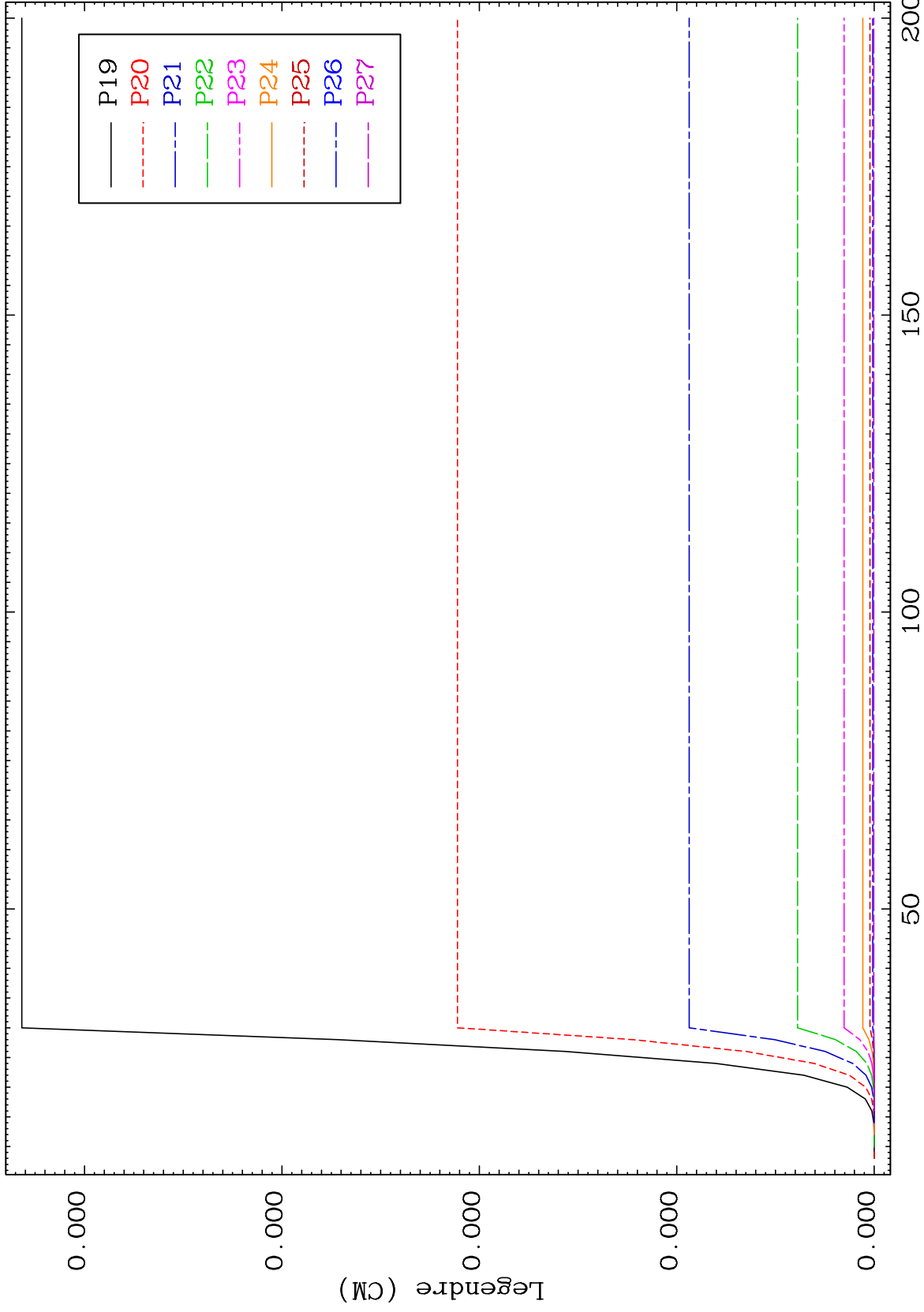
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



36

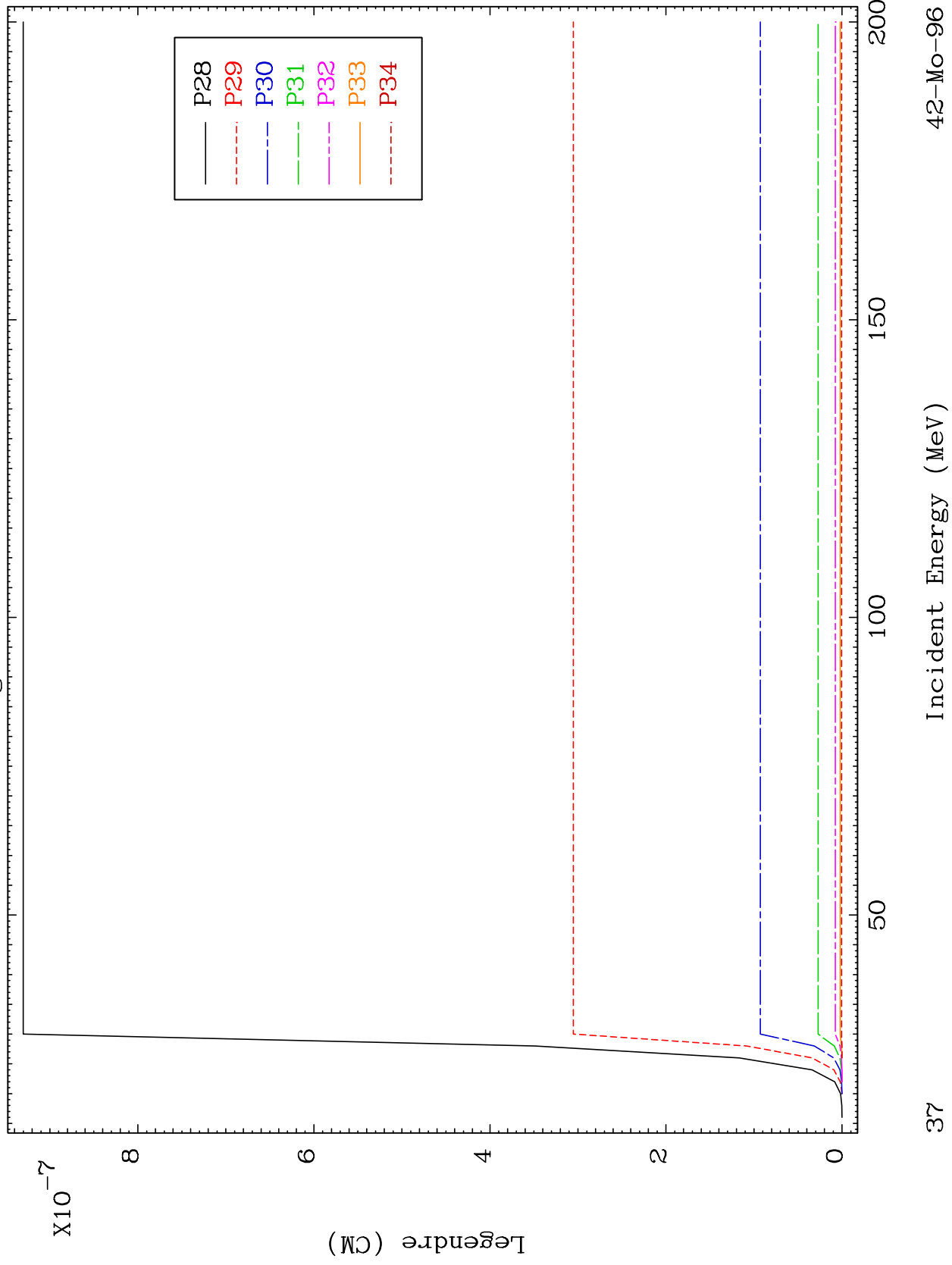
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



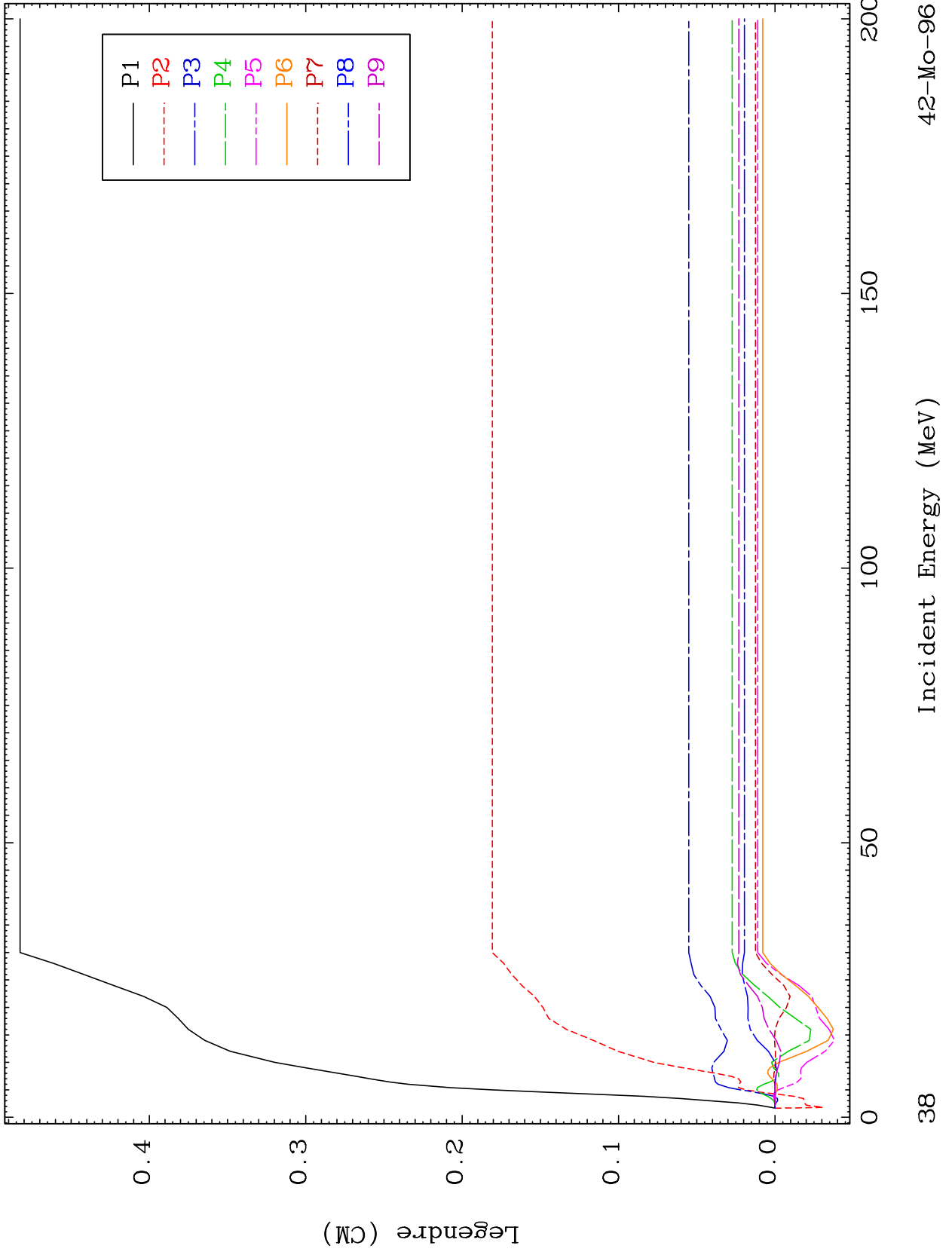
37

42-Mo-96

MAT 4237

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

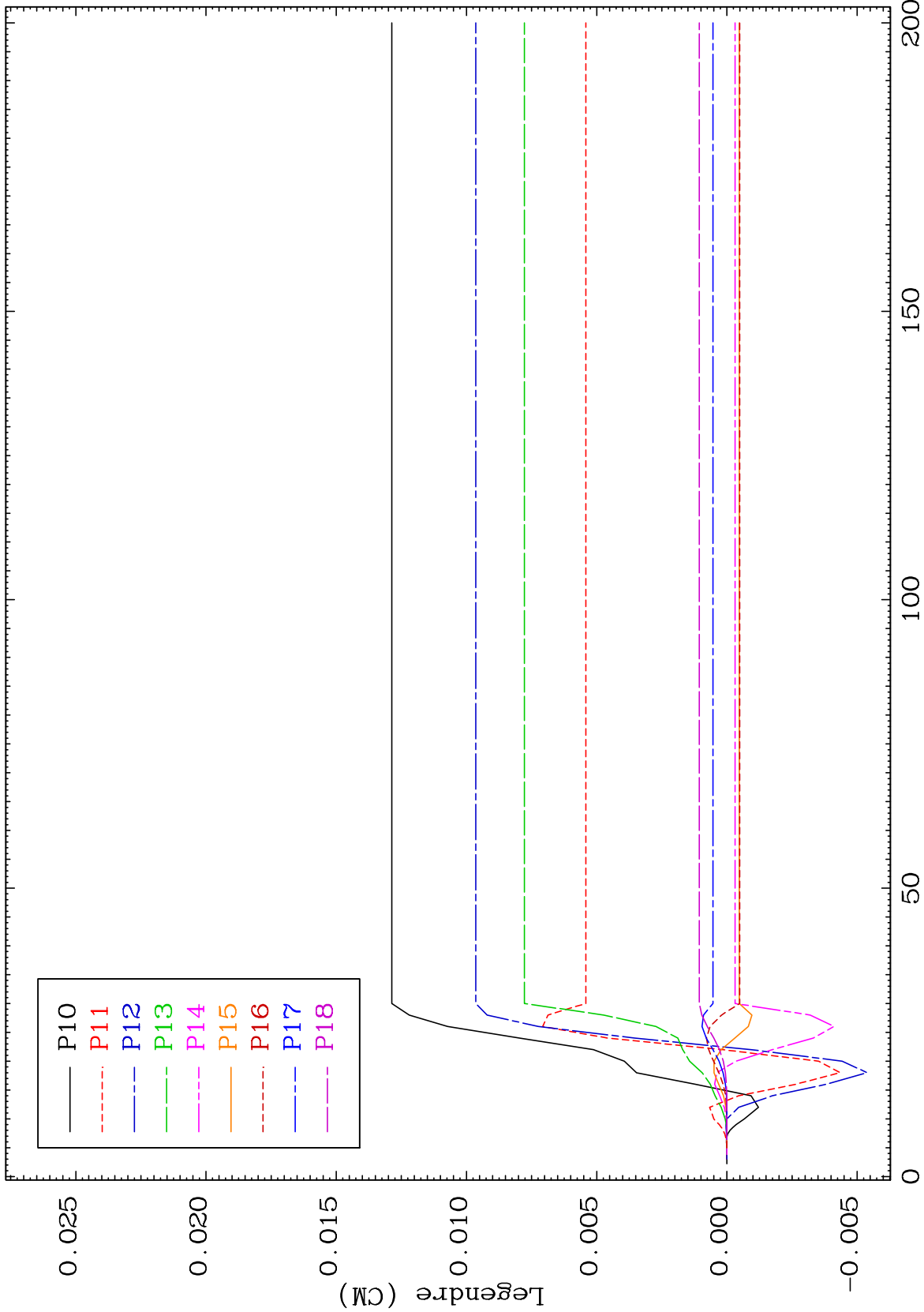
42-Mo-96



42-Mo-96

Incident Energy (MeV)

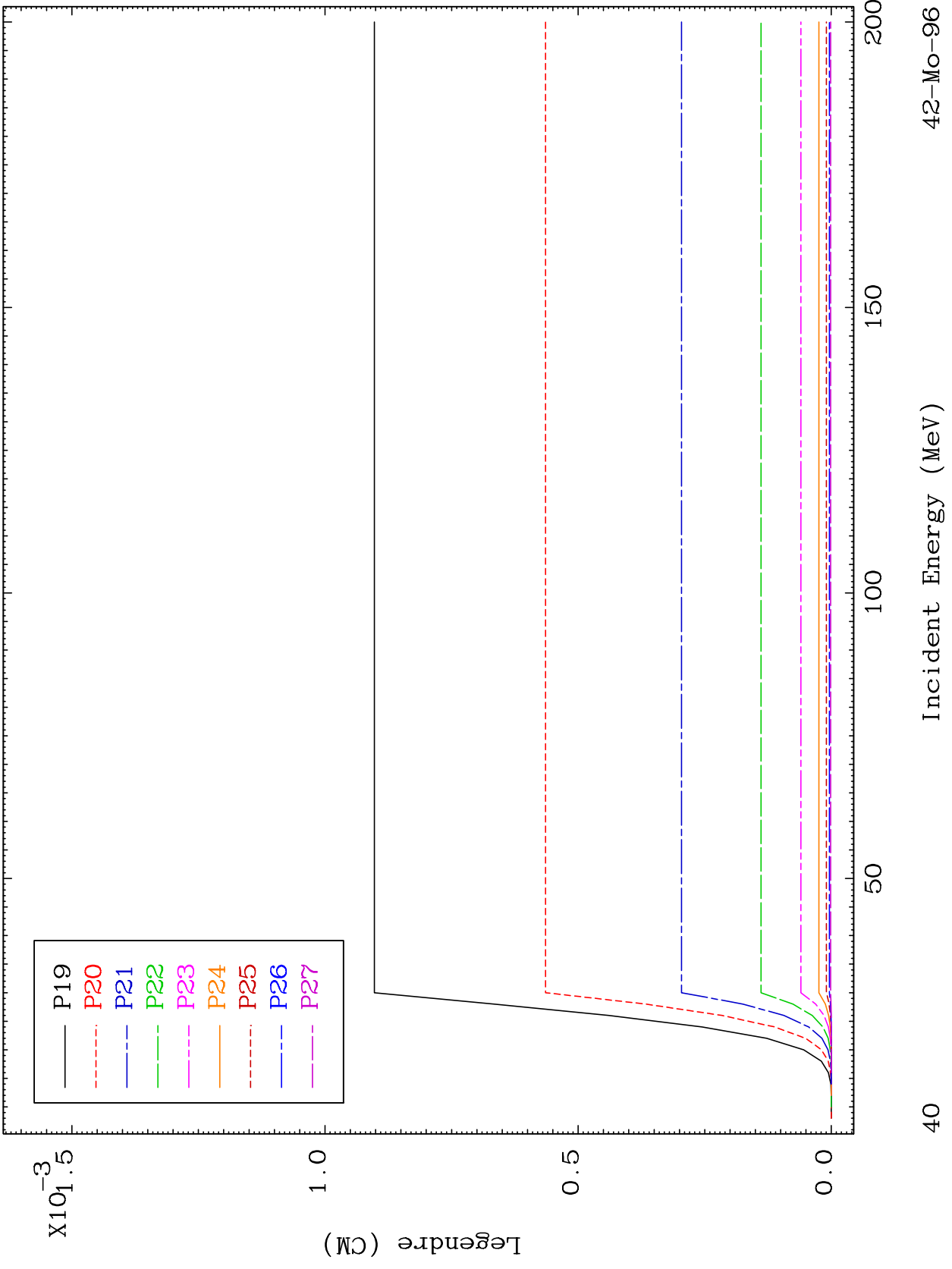
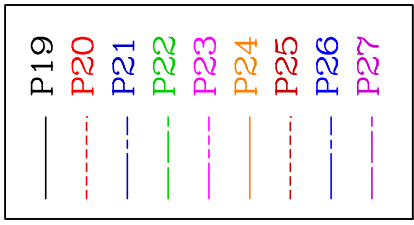
38



MAT 4237

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

42-Mo-96



40

Incident Energy (MeV)

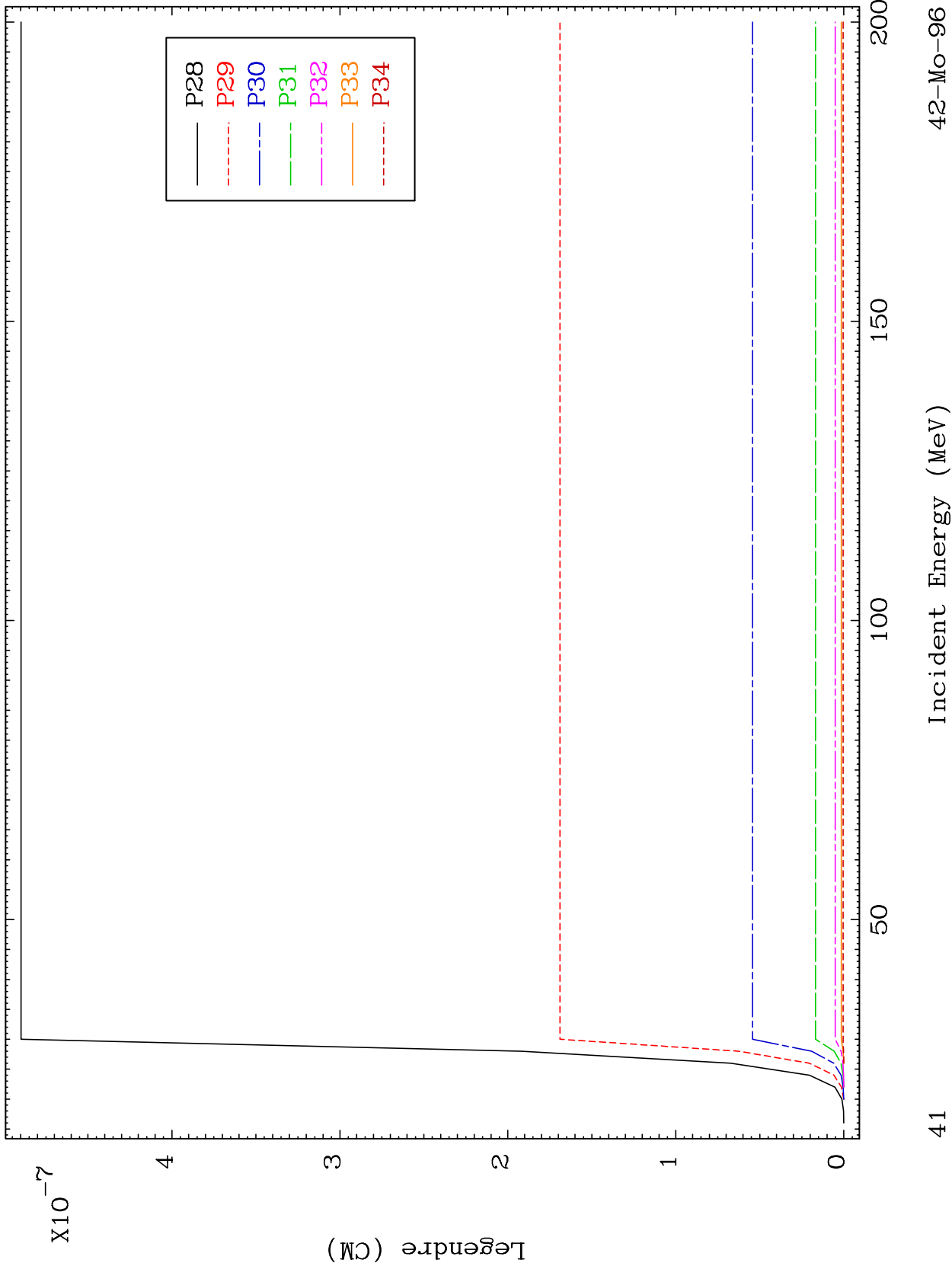
50

100

150

200

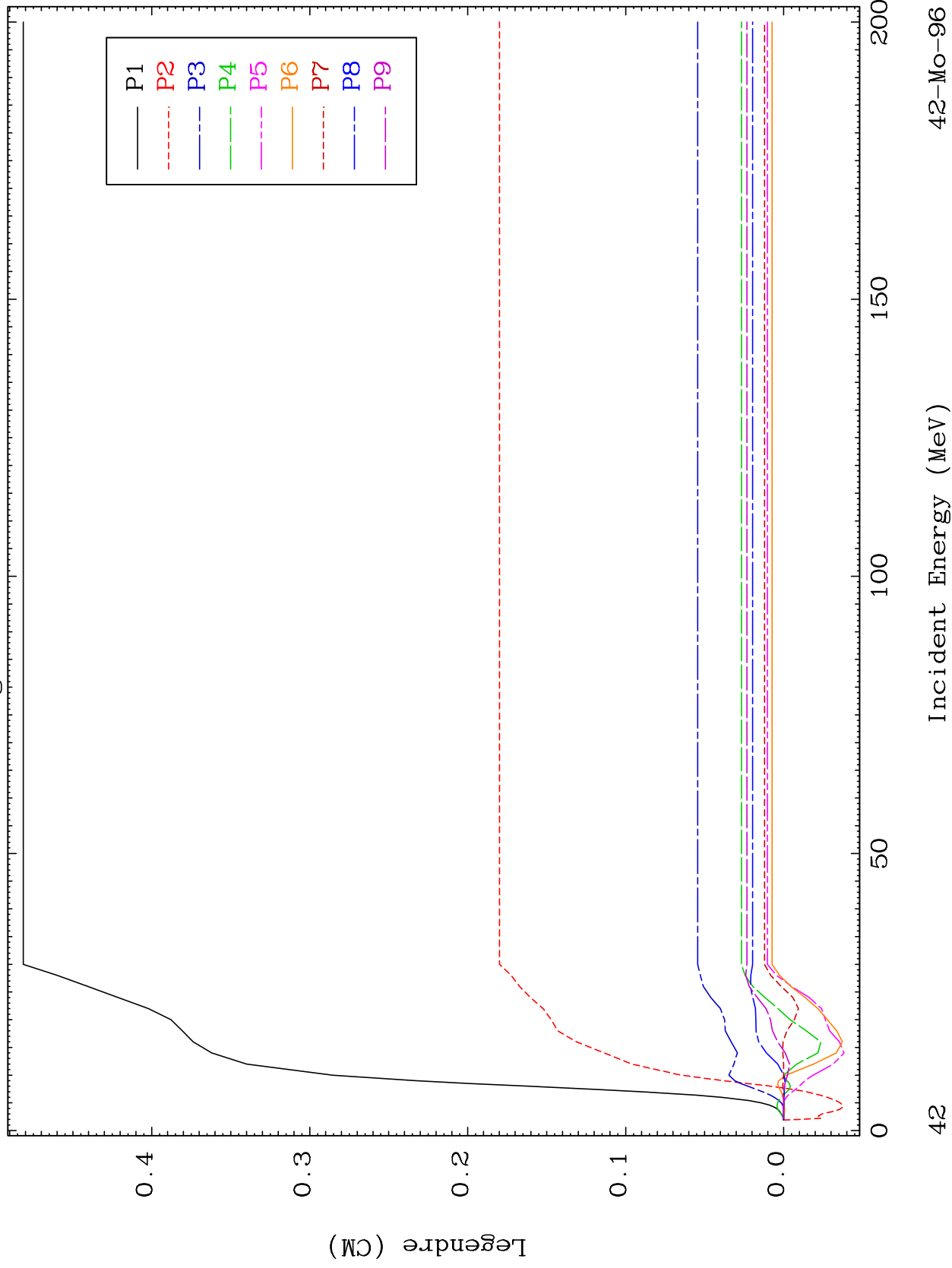
42-Mo-96



MAT 4237

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

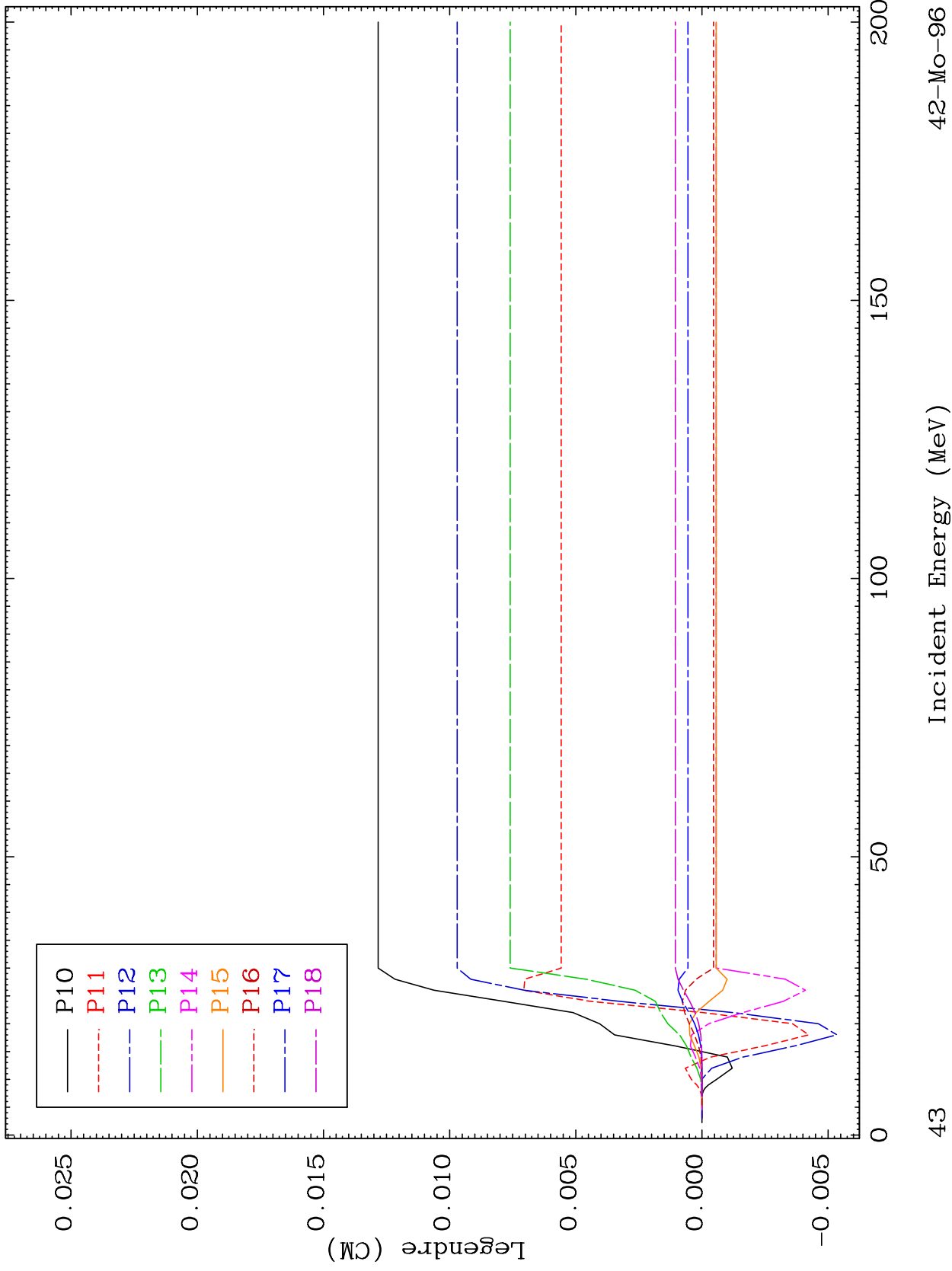
42-Mo-96



42-Mo-96

Incident Energy (MeV)

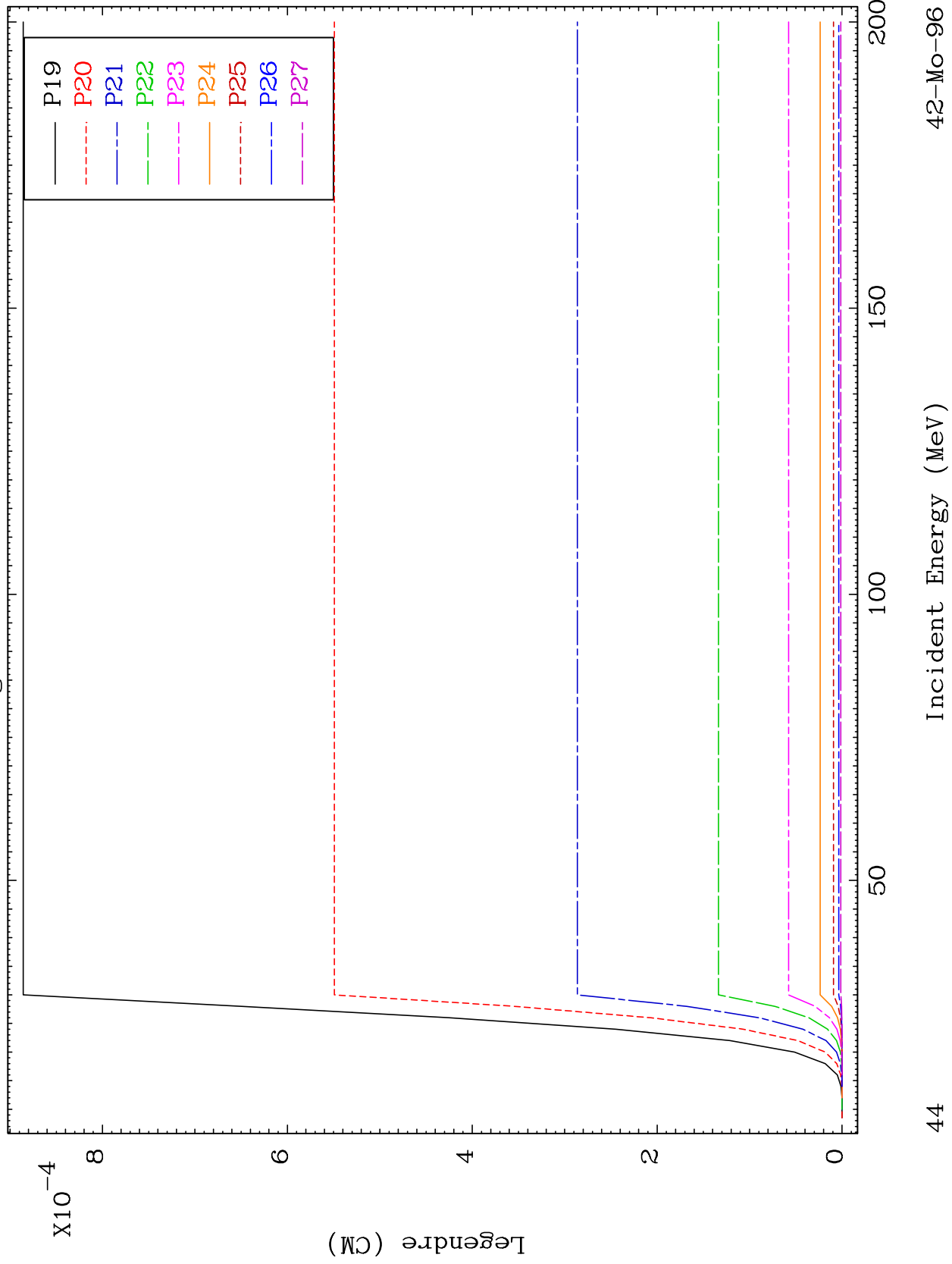
42



MAT 4237

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

42-Mo-96

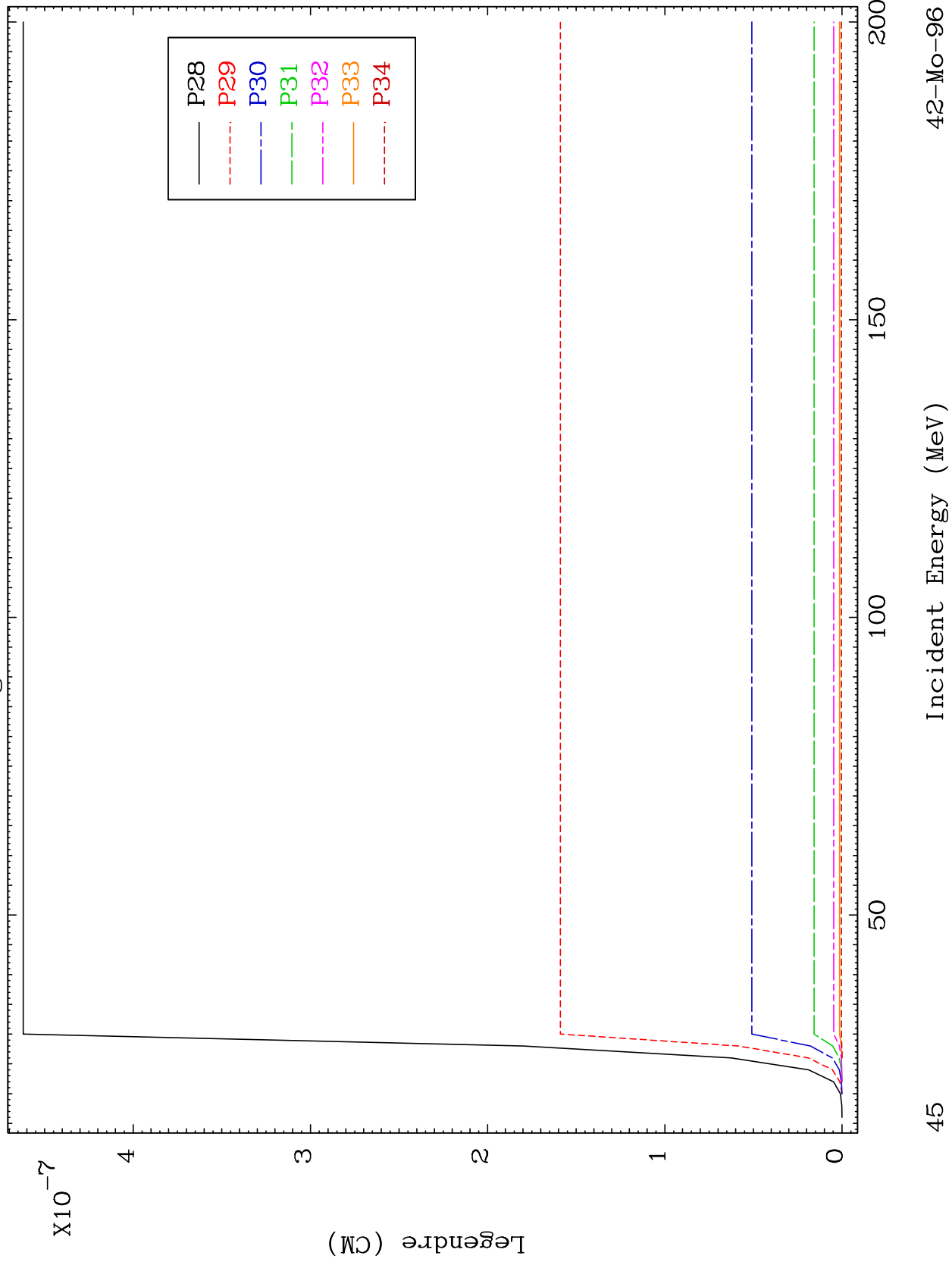


44

MAT 4237

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

42-Mo-96



45

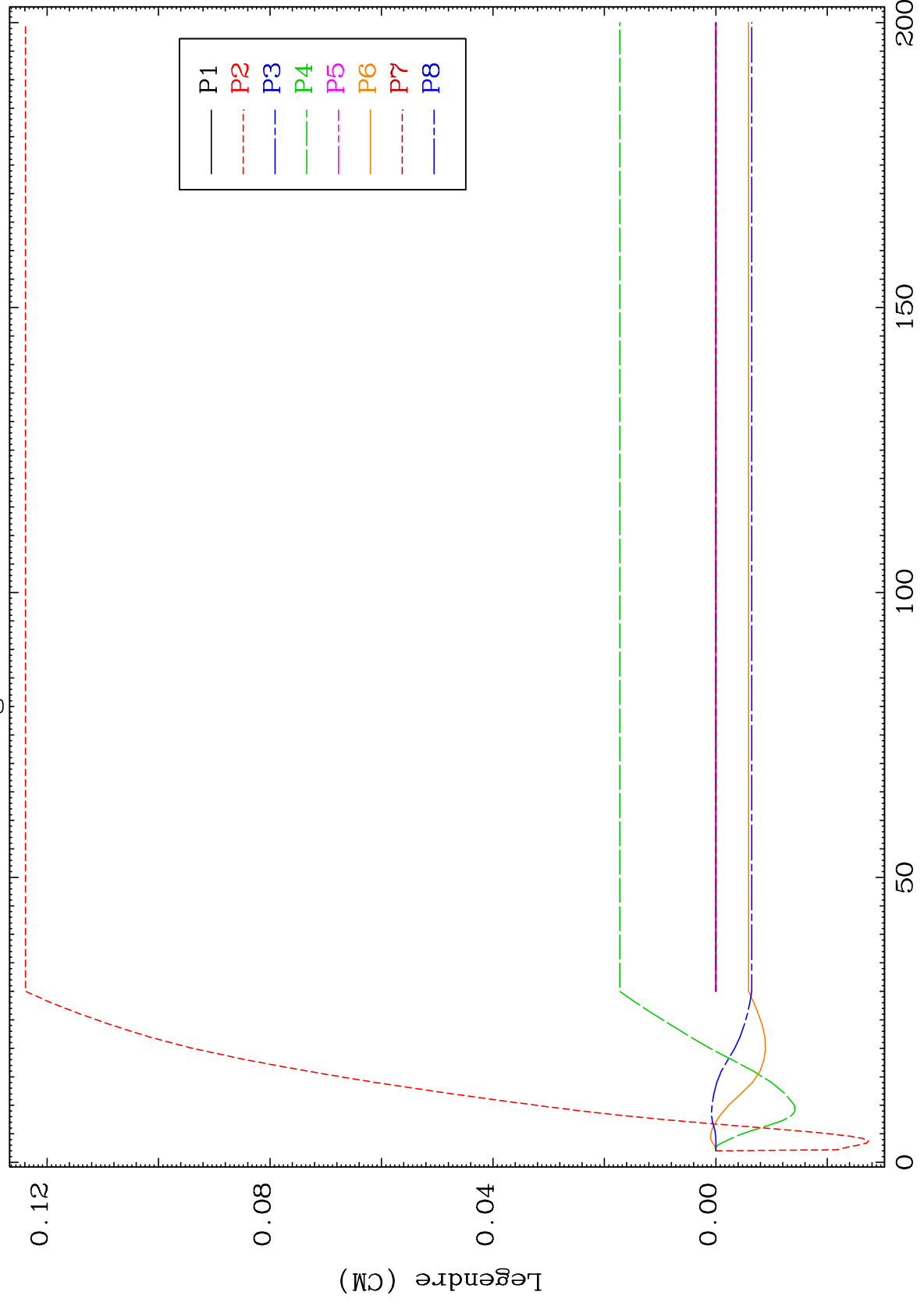
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



42-Mo-96

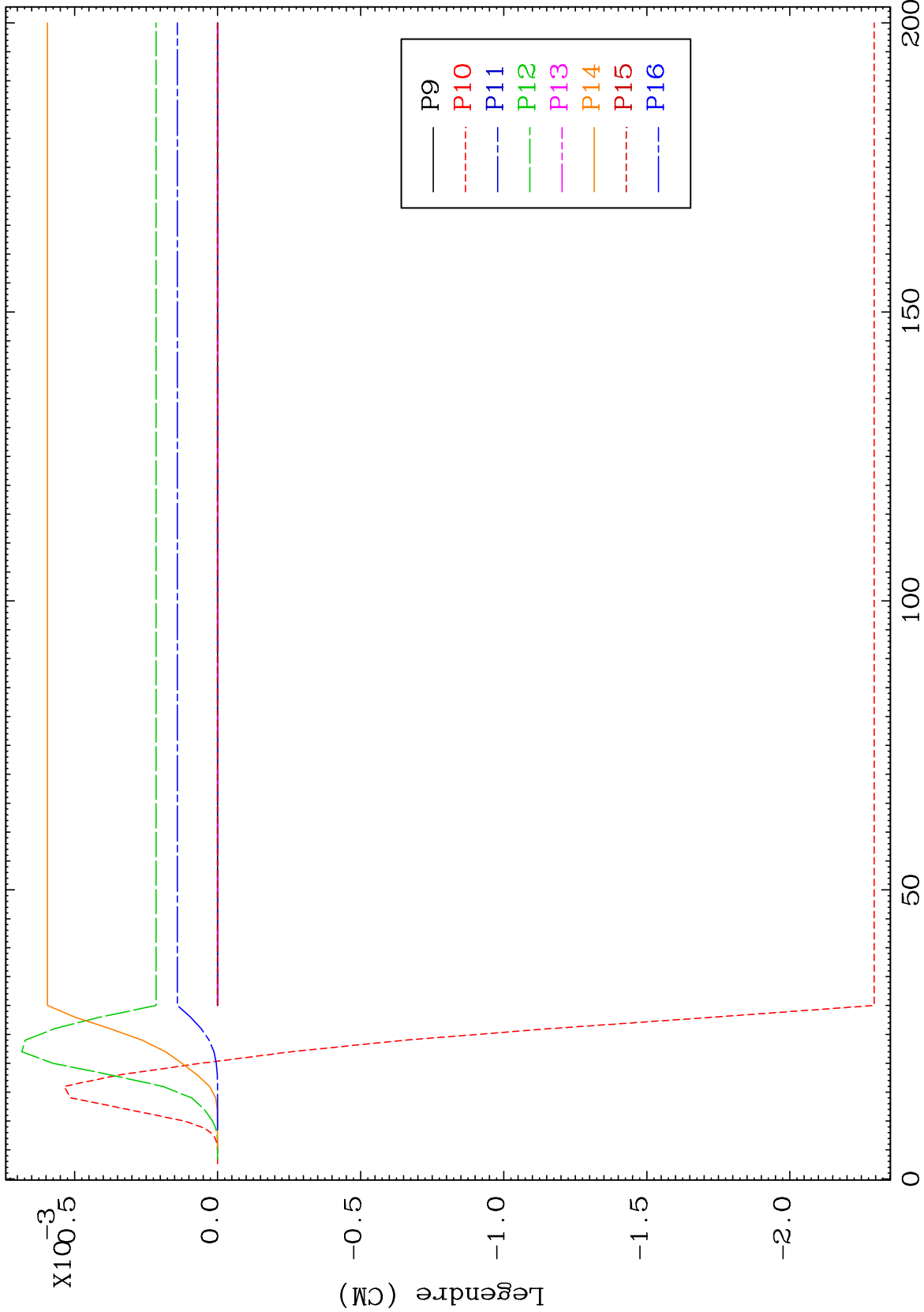
Incident Energy (MeV)

46

MAT 4237

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

42-Mo-96



47

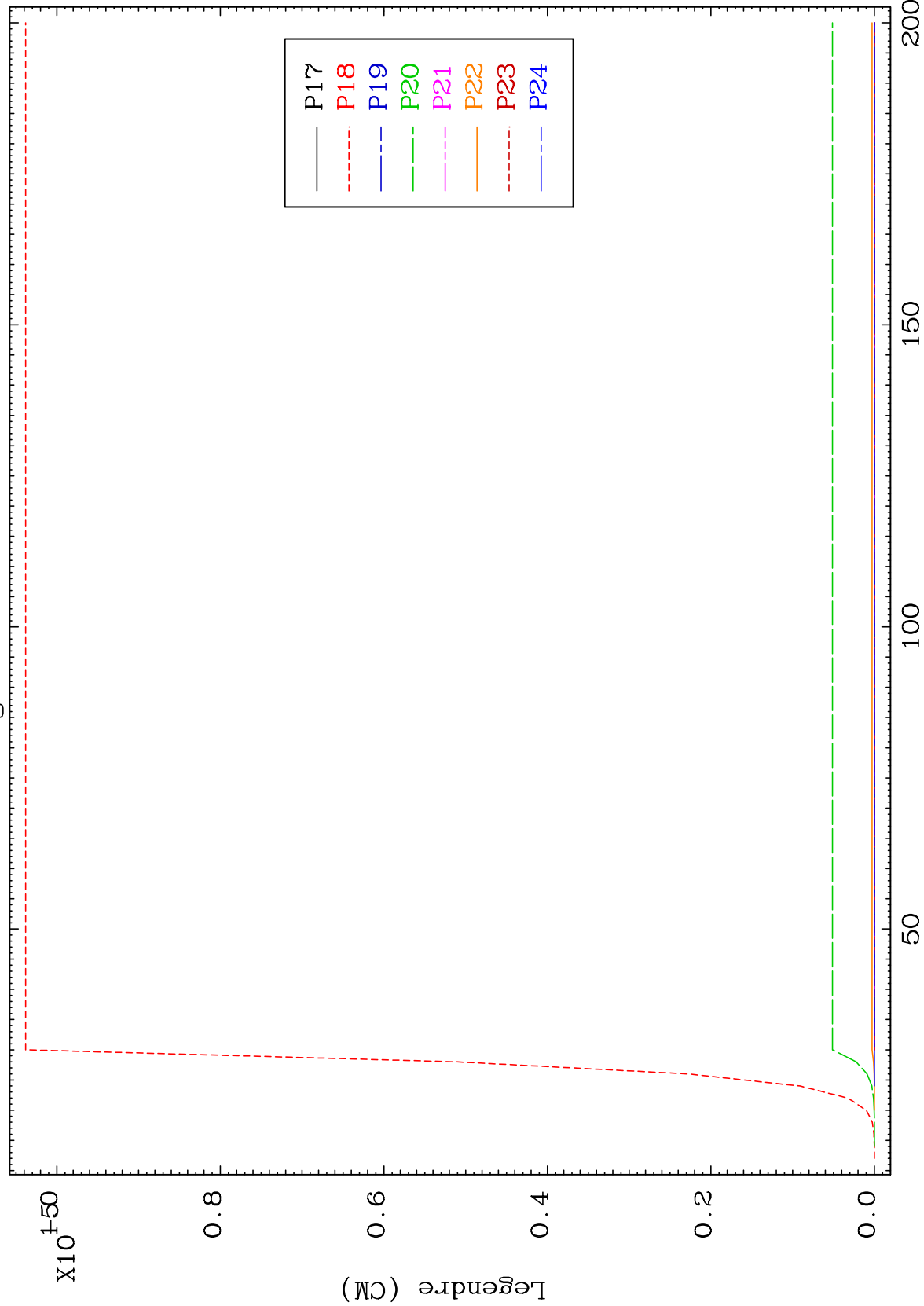
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



48

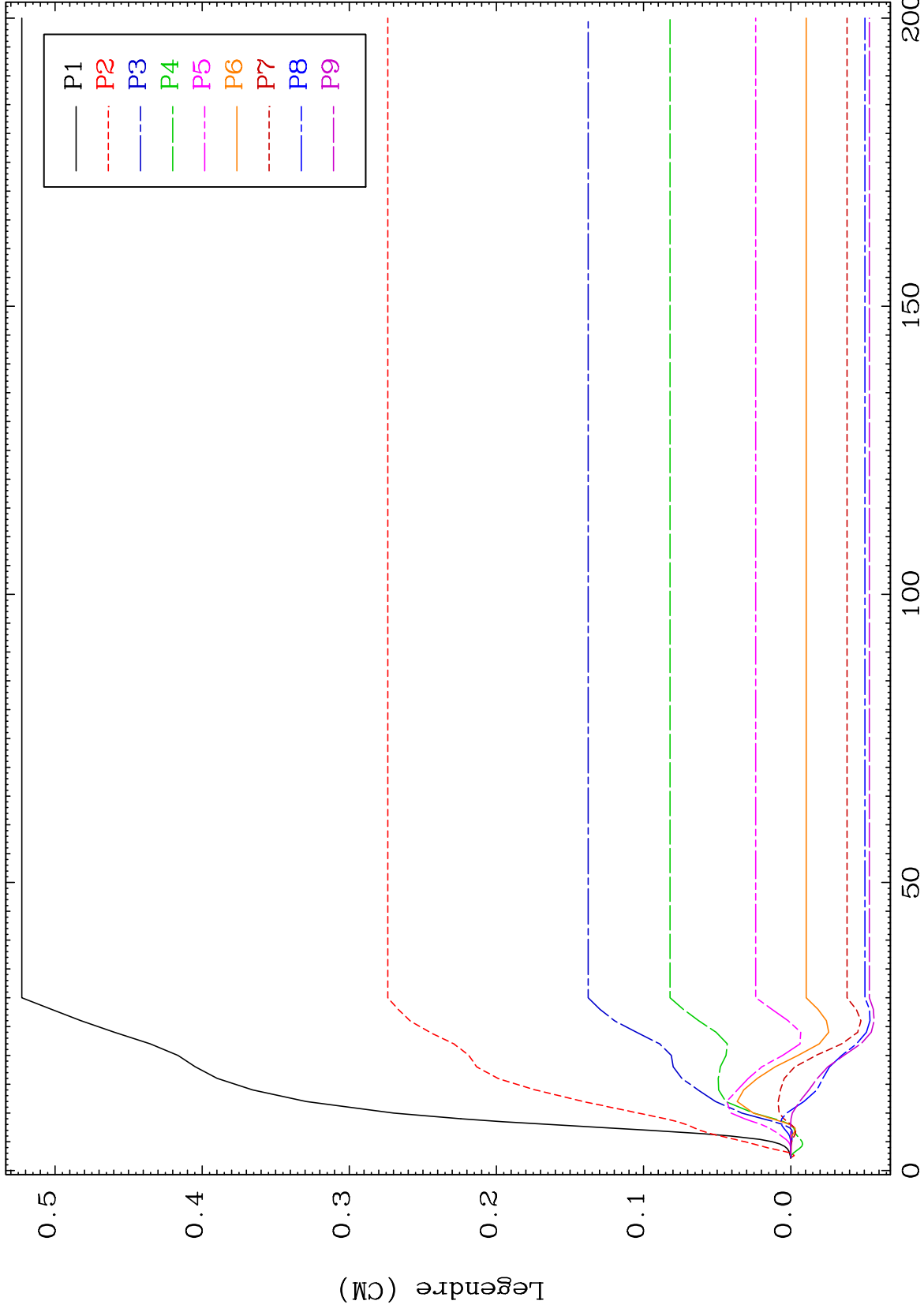
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



49

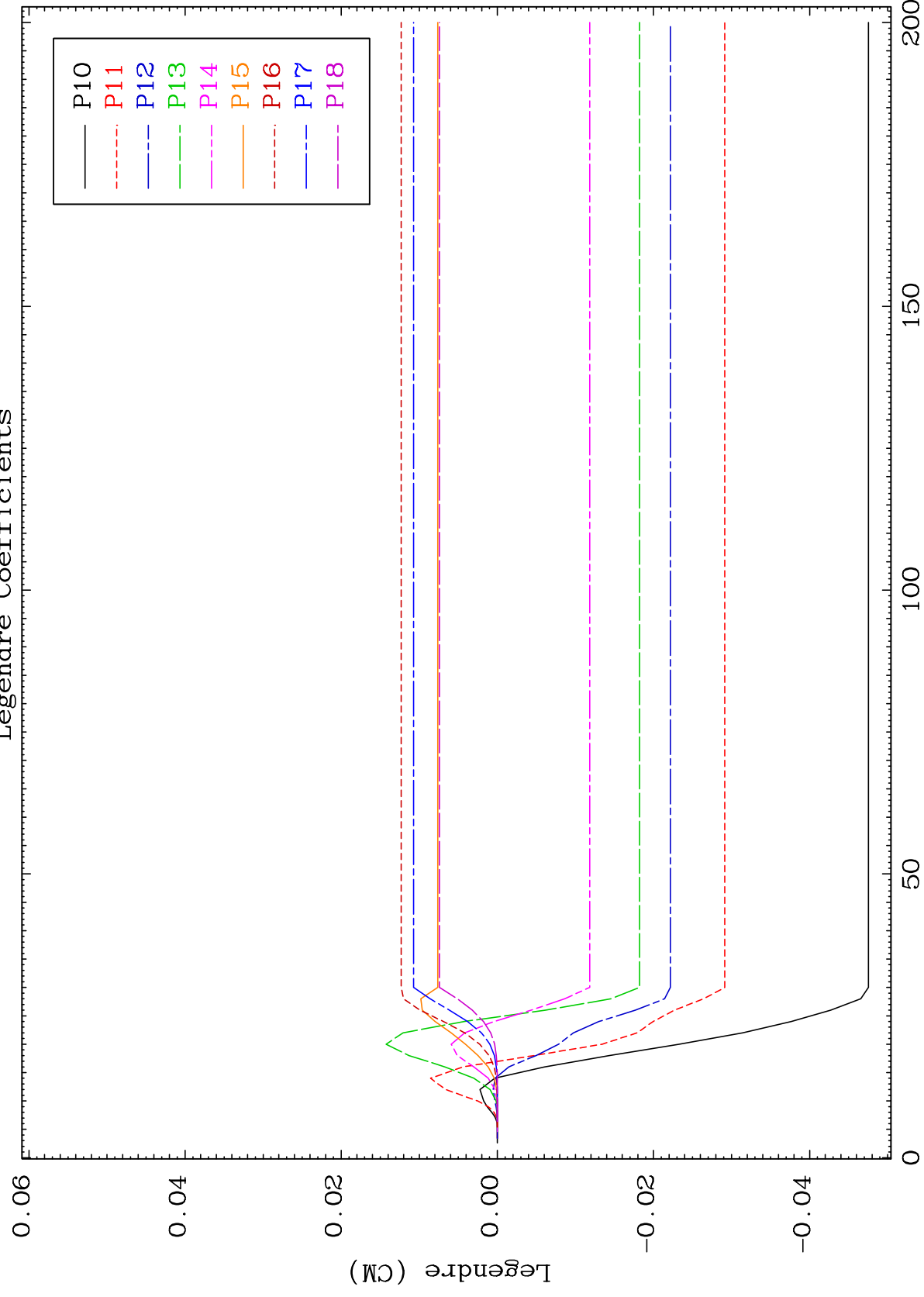
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



42-Mo-96

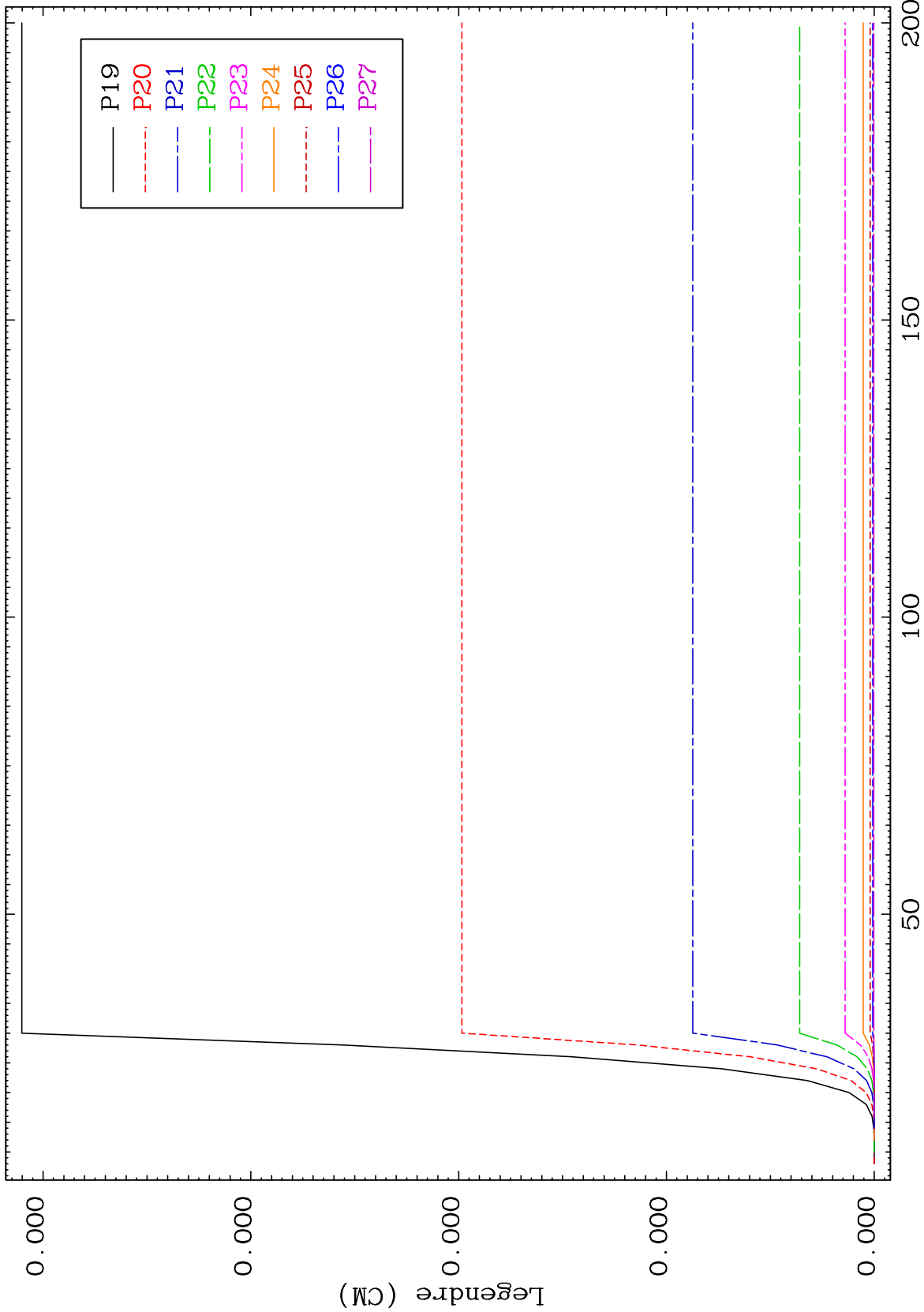
Incident Energy (MeV)

50

MAT 4237

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

42-Mo-96



51

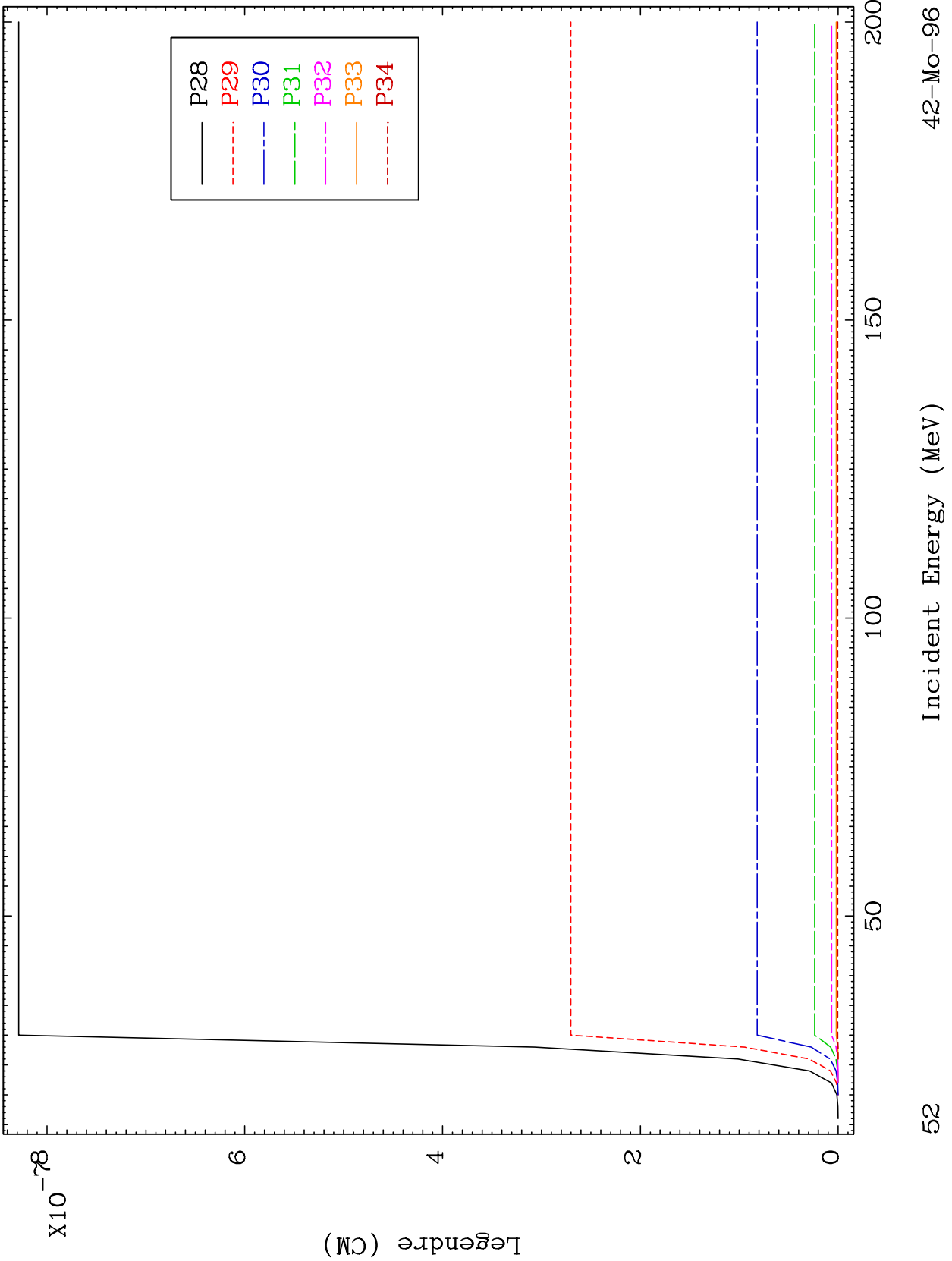
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



52

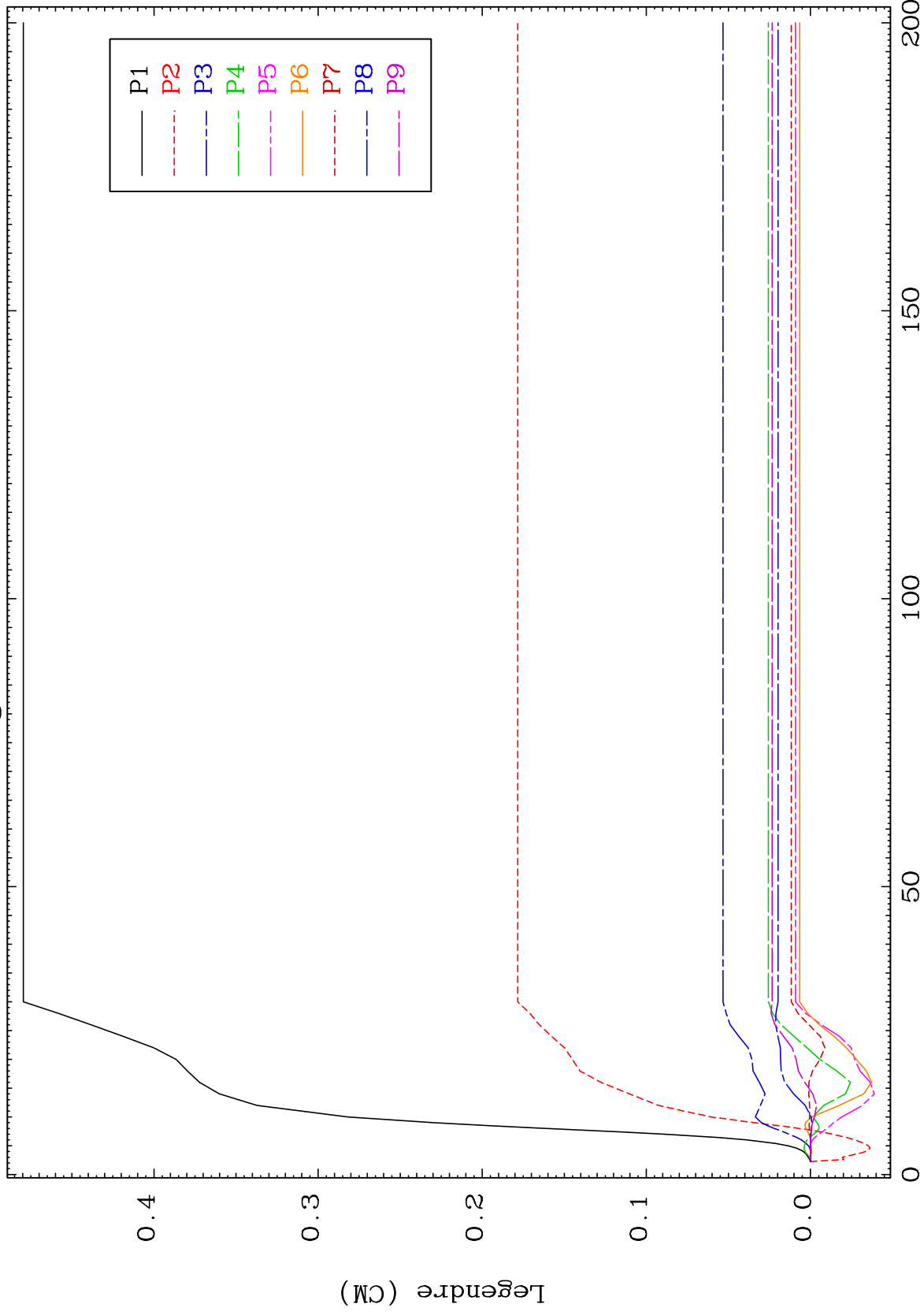
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

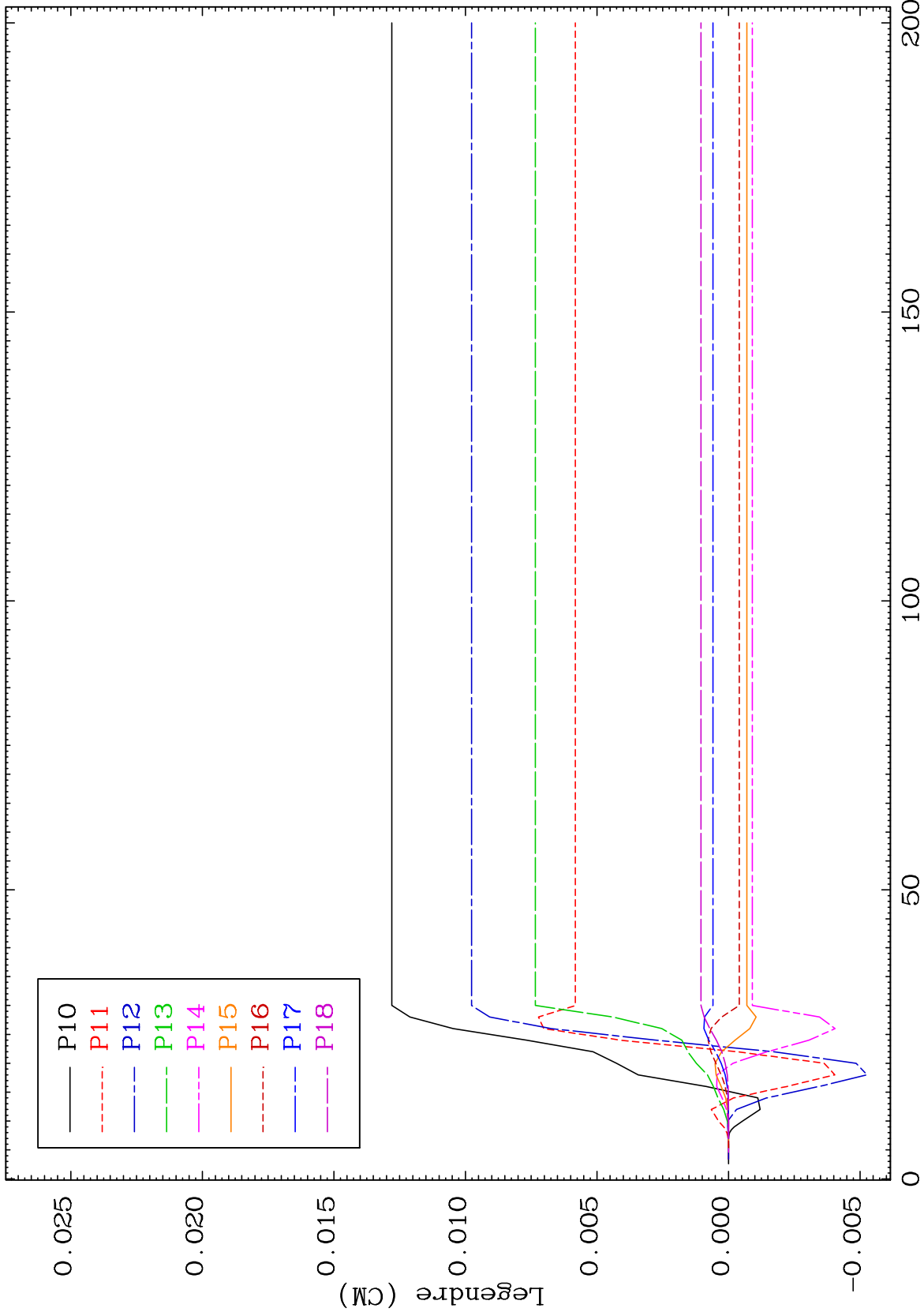
42-Mo-96



53

Incident Energy (MeV)

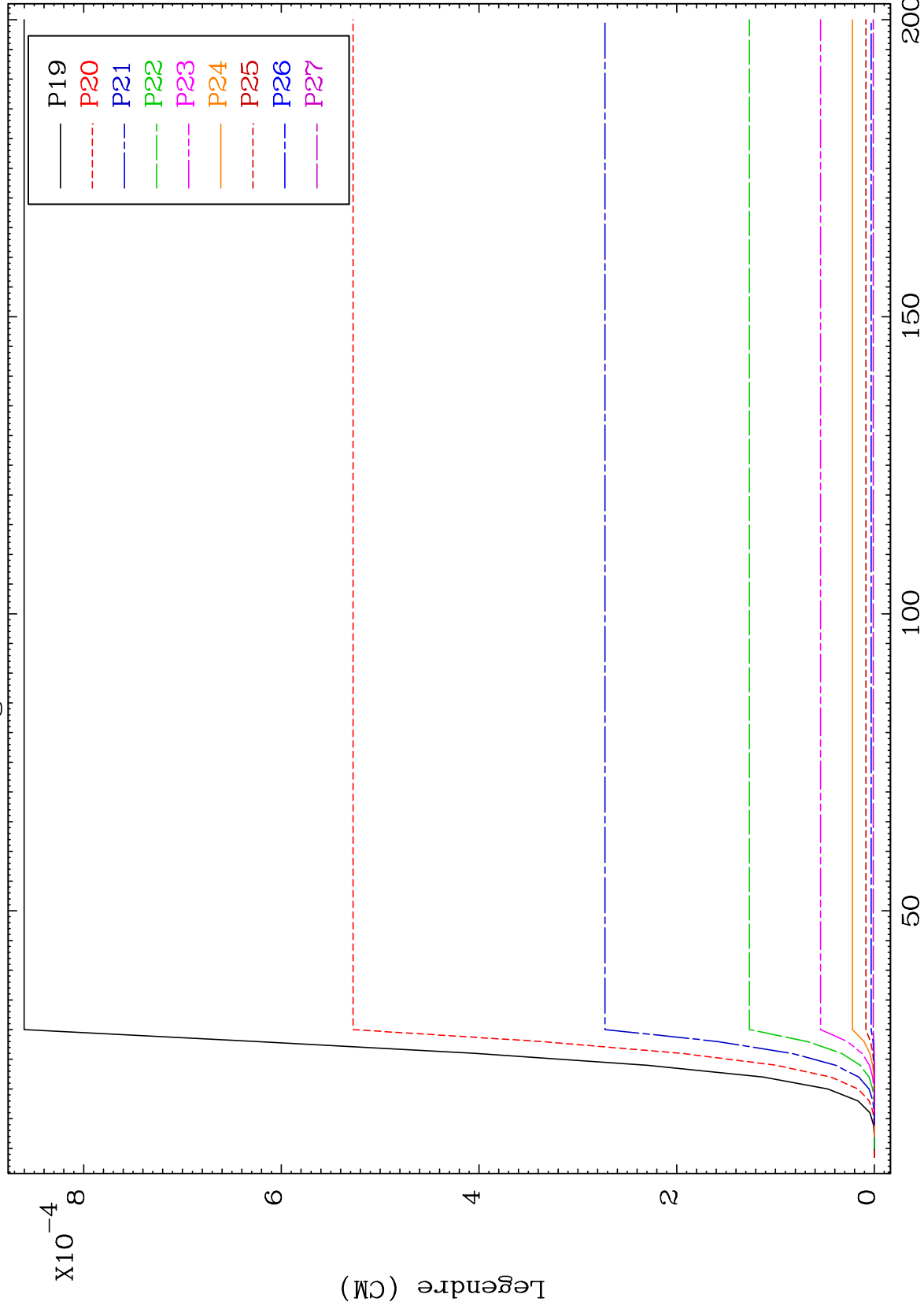
42-Mo-96



MAT 4237

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

42-Mo-96



55

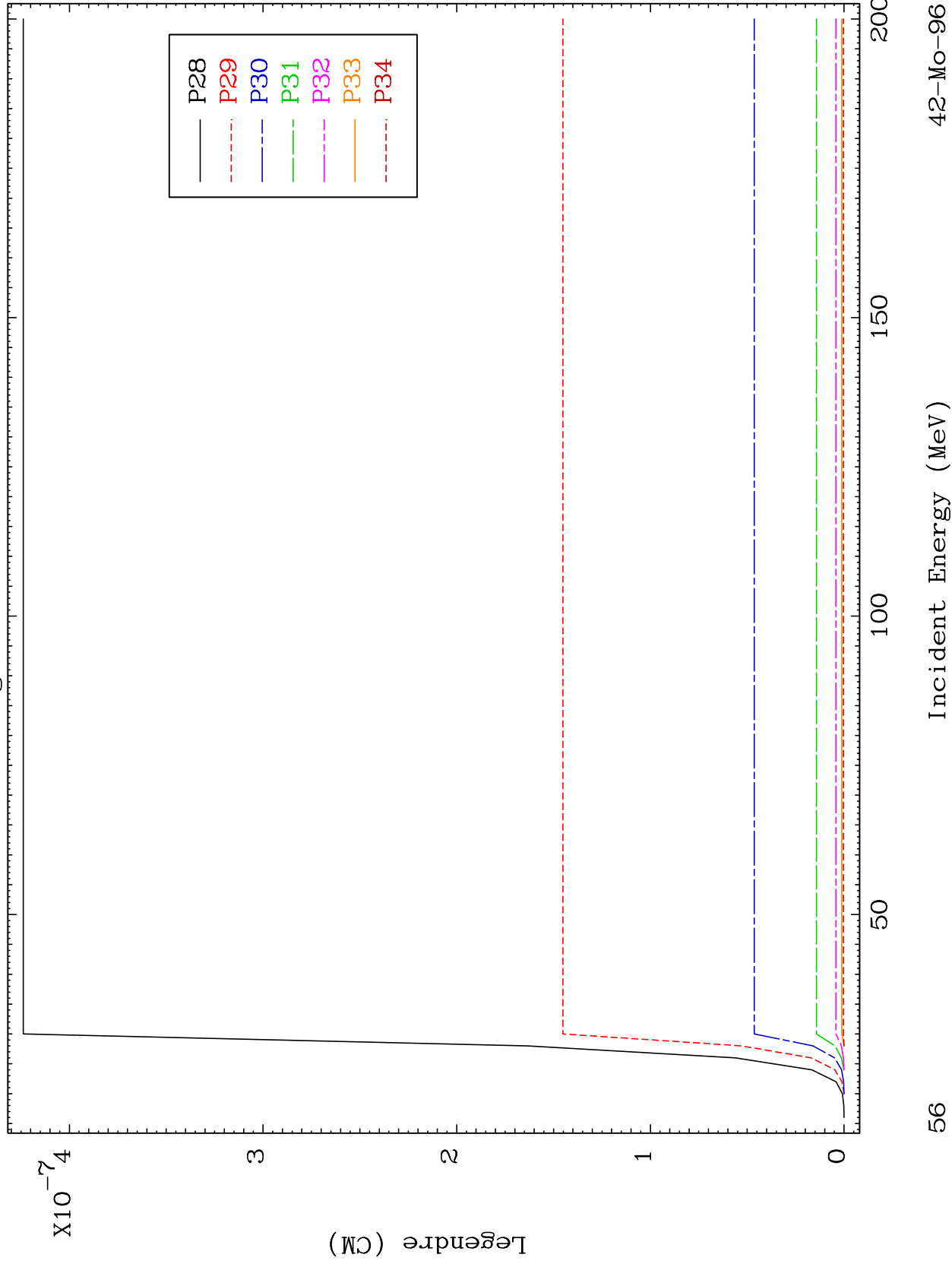
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



56

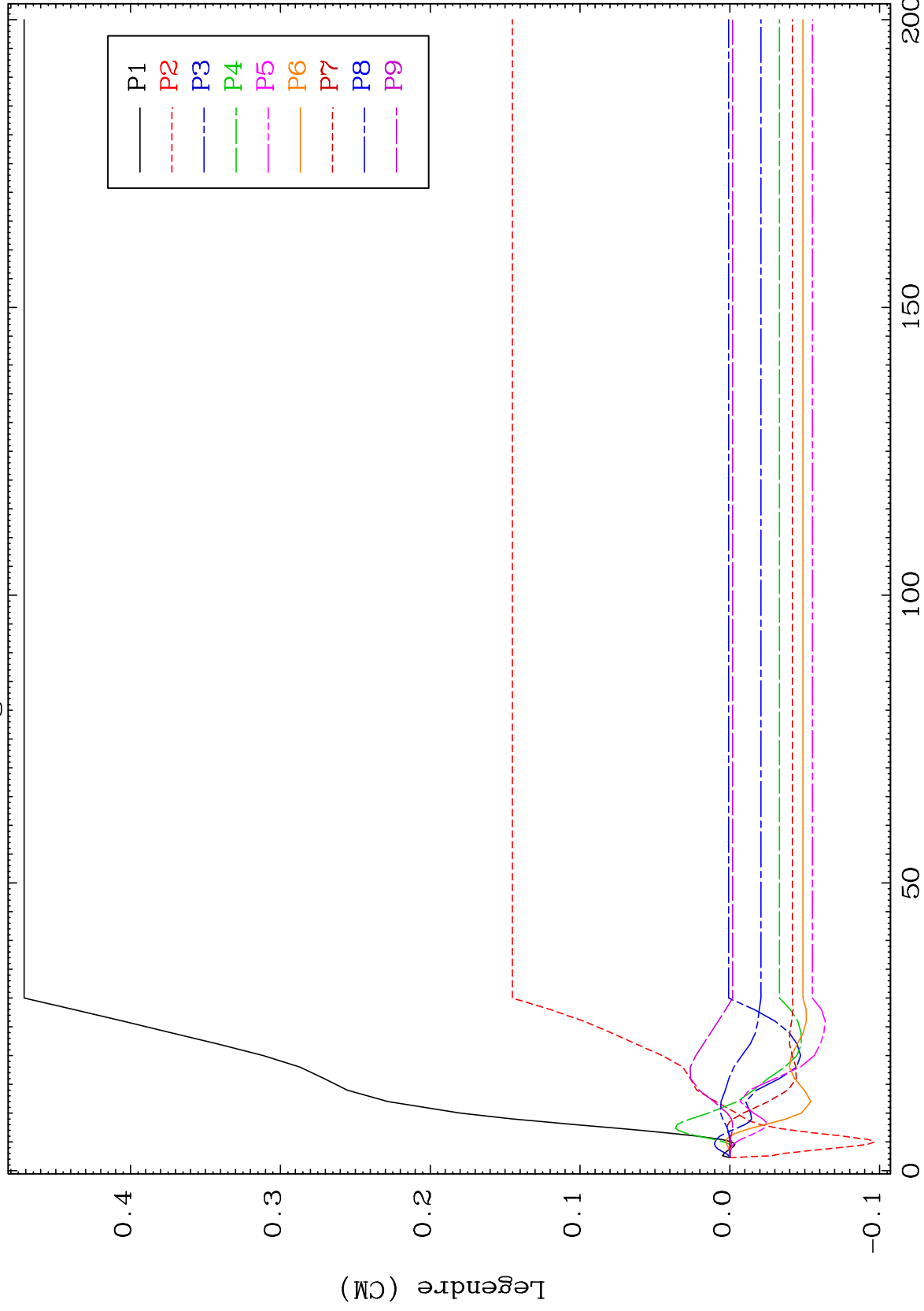
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



57

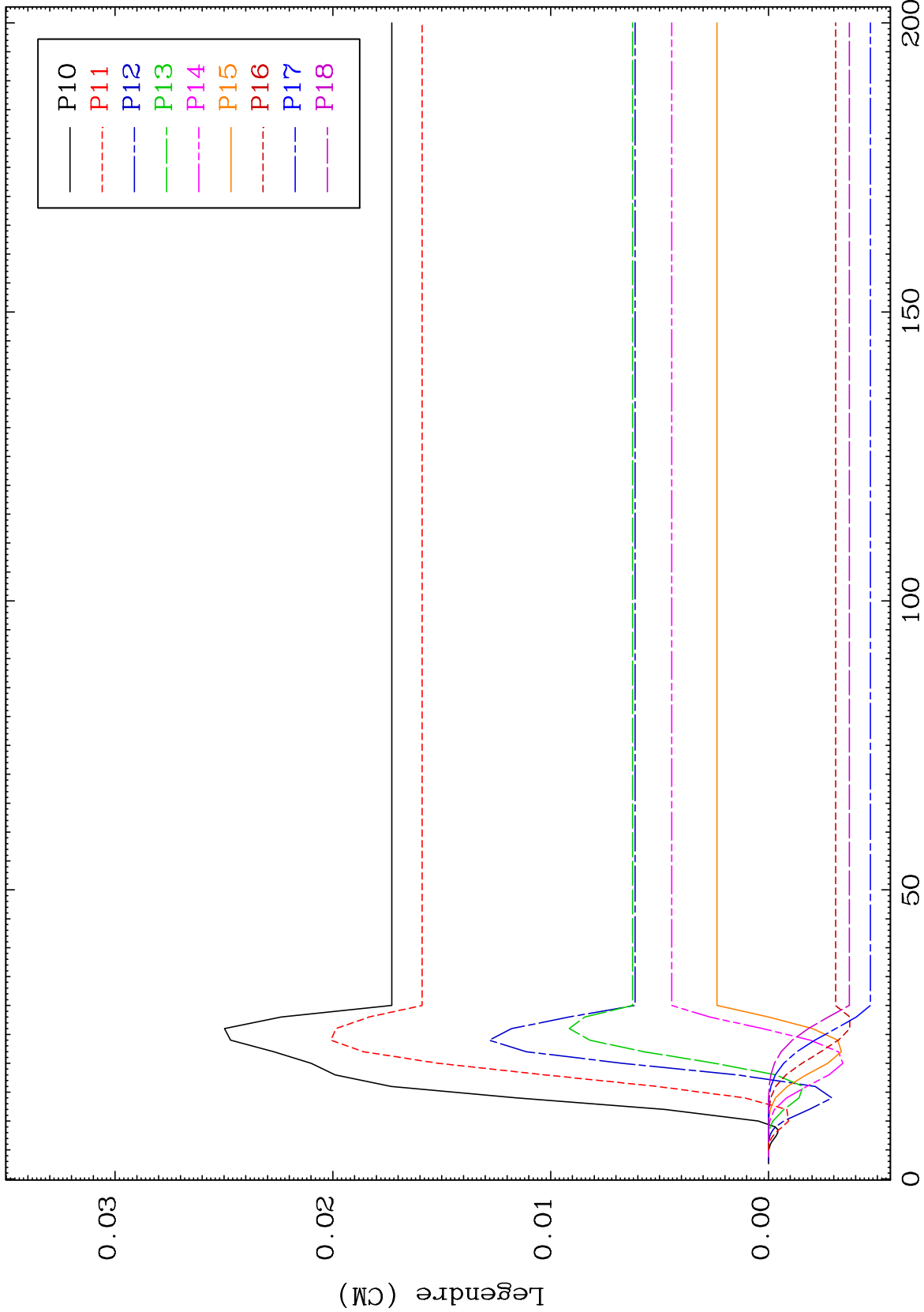
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

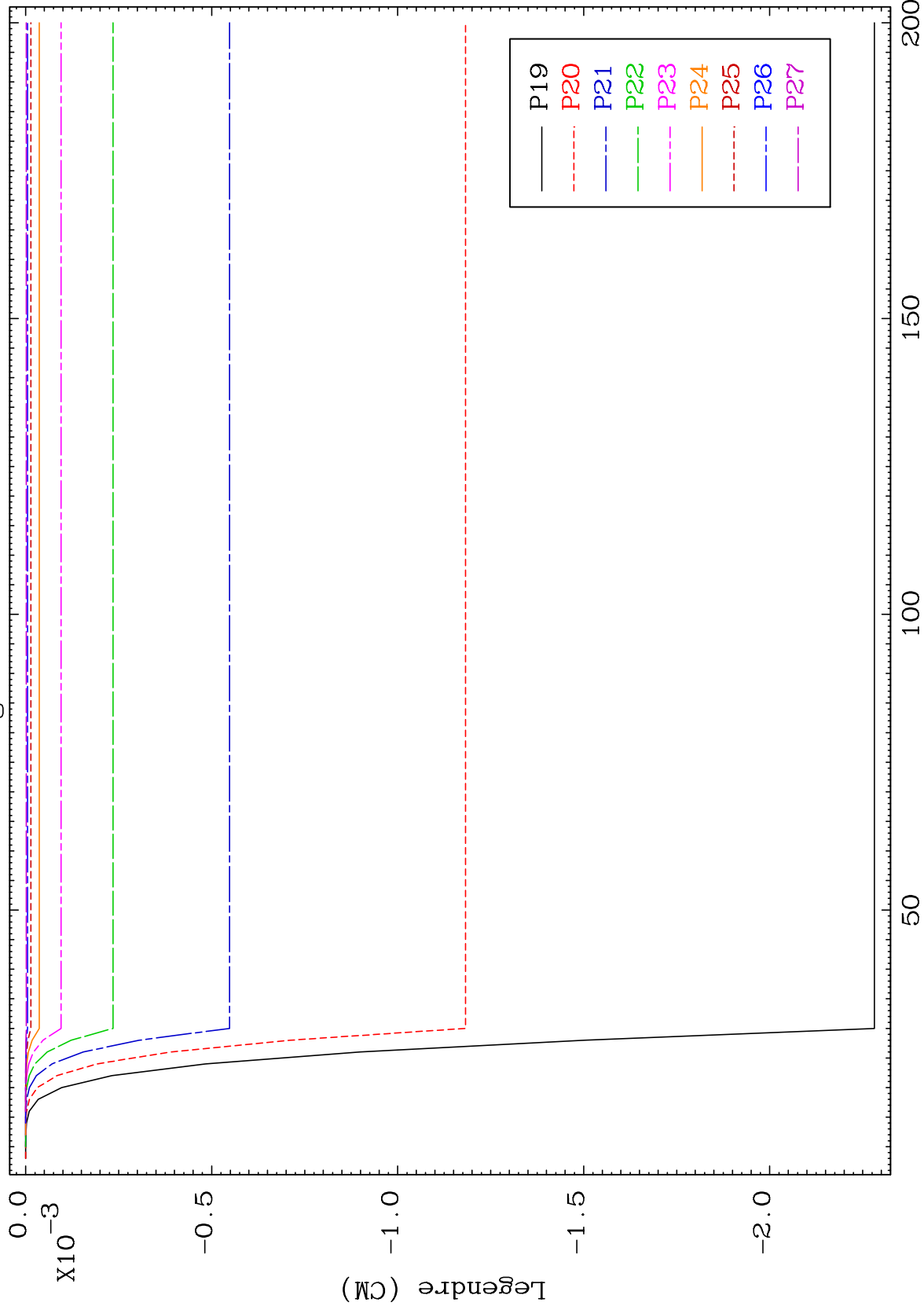
42-Mo-96

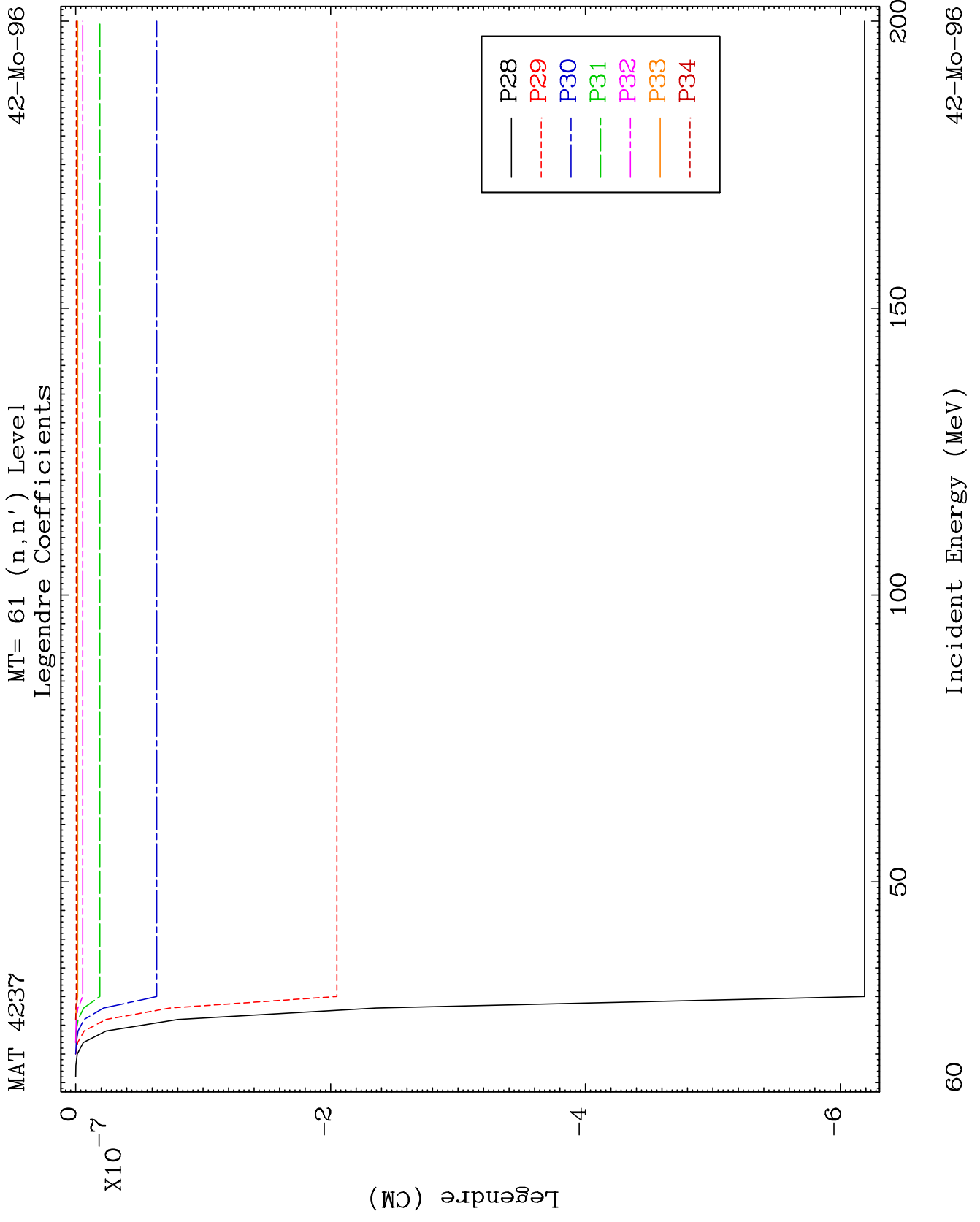


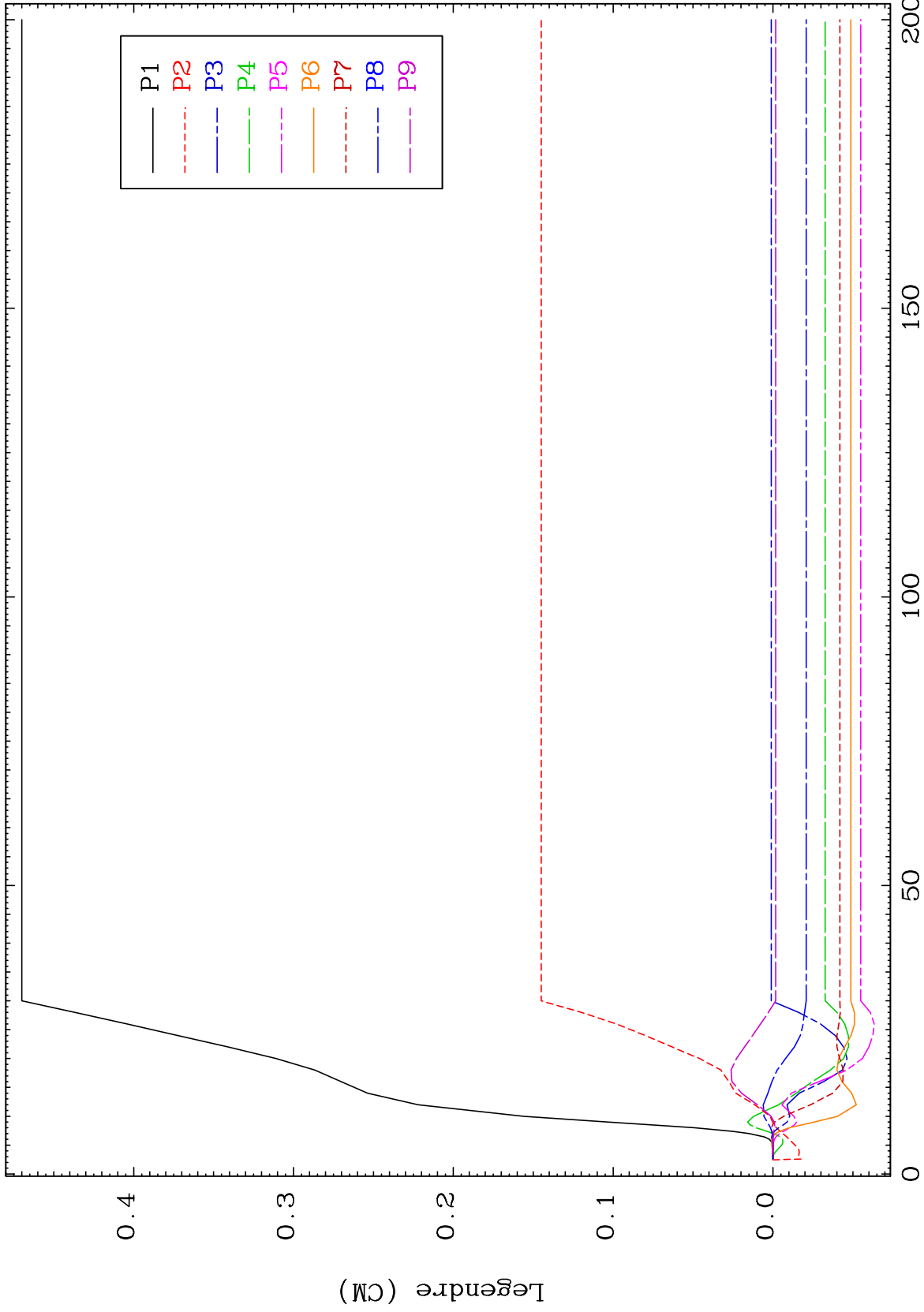
58

Incident Energy (MeV)

42-Mo-96



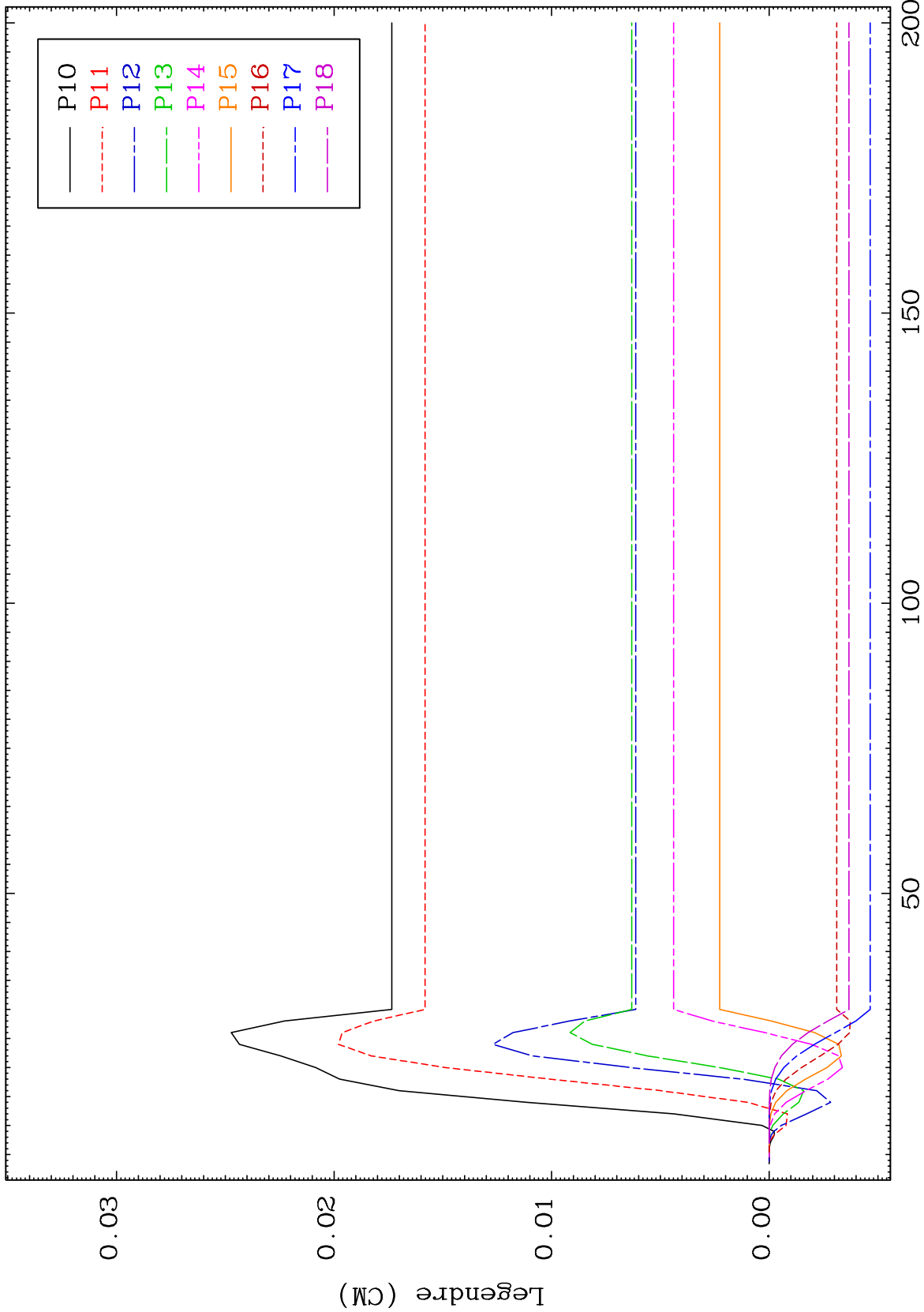




MAT 4237

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

42-Mo-96



62

Incident Energy (MeV)

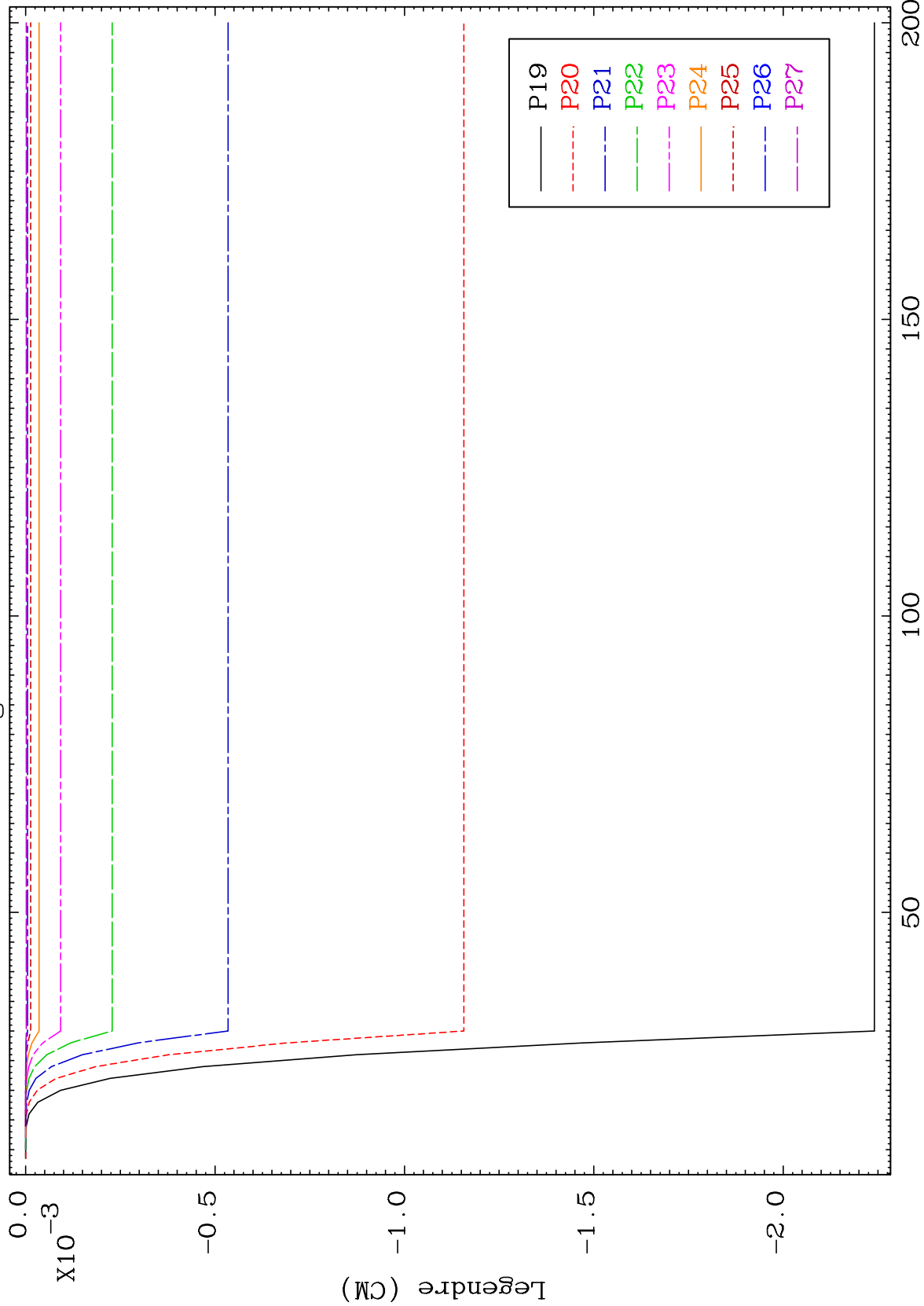
42-Mo-96

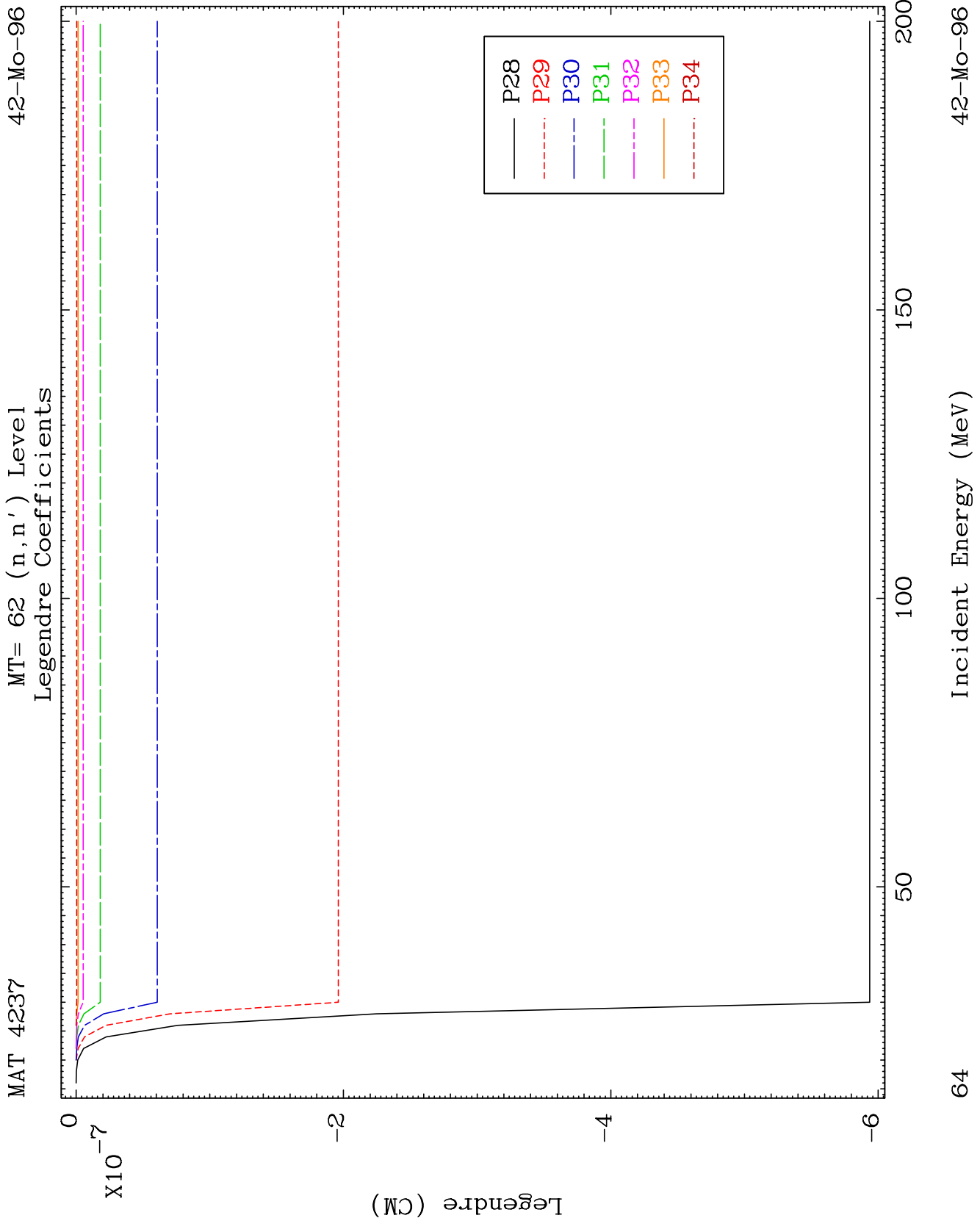
MAT 4237

MT= 62 (n,n') Level

42-Mo-96

Legendre Coefficients

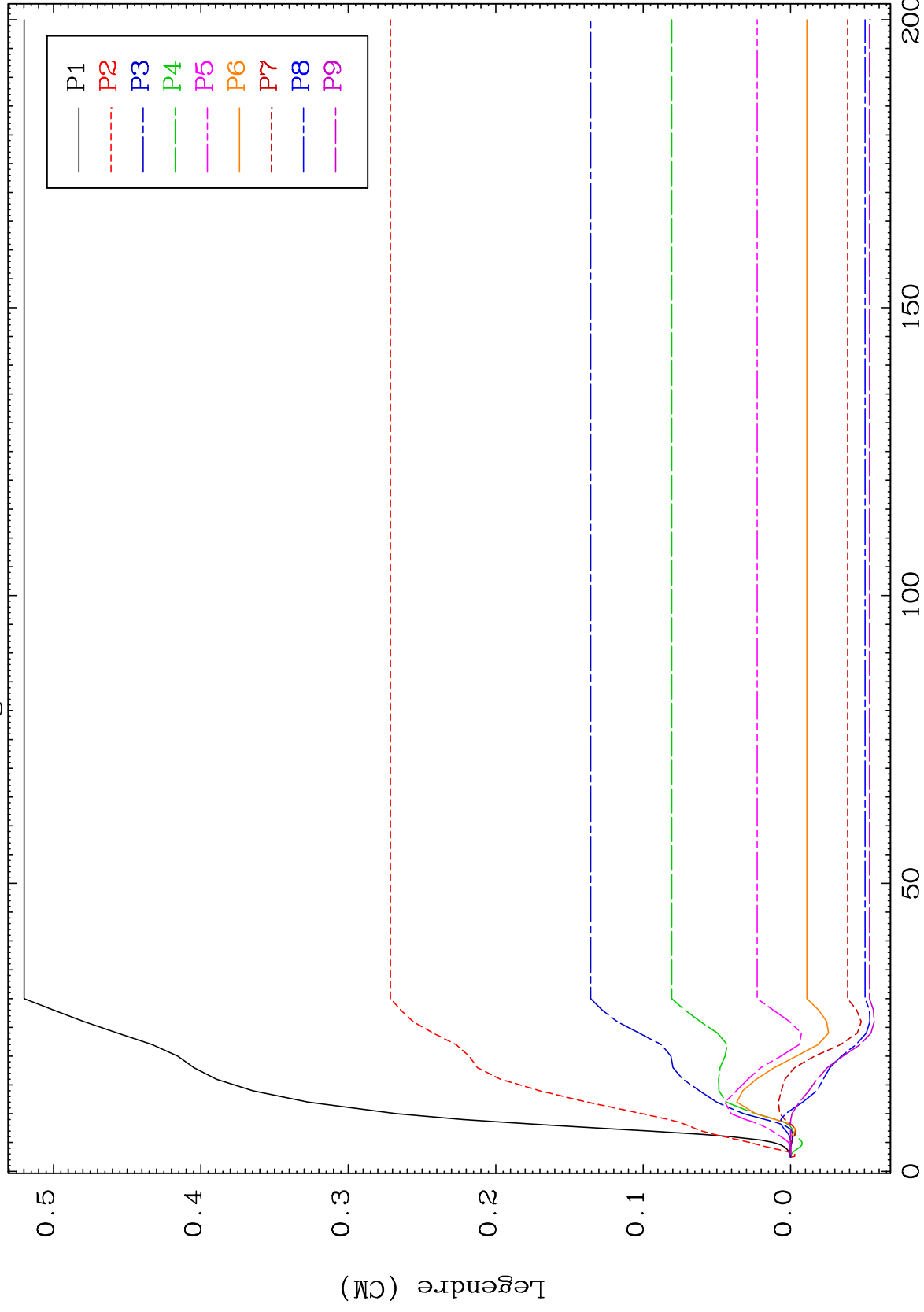




MAT 4237

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

42-Mo-96



65

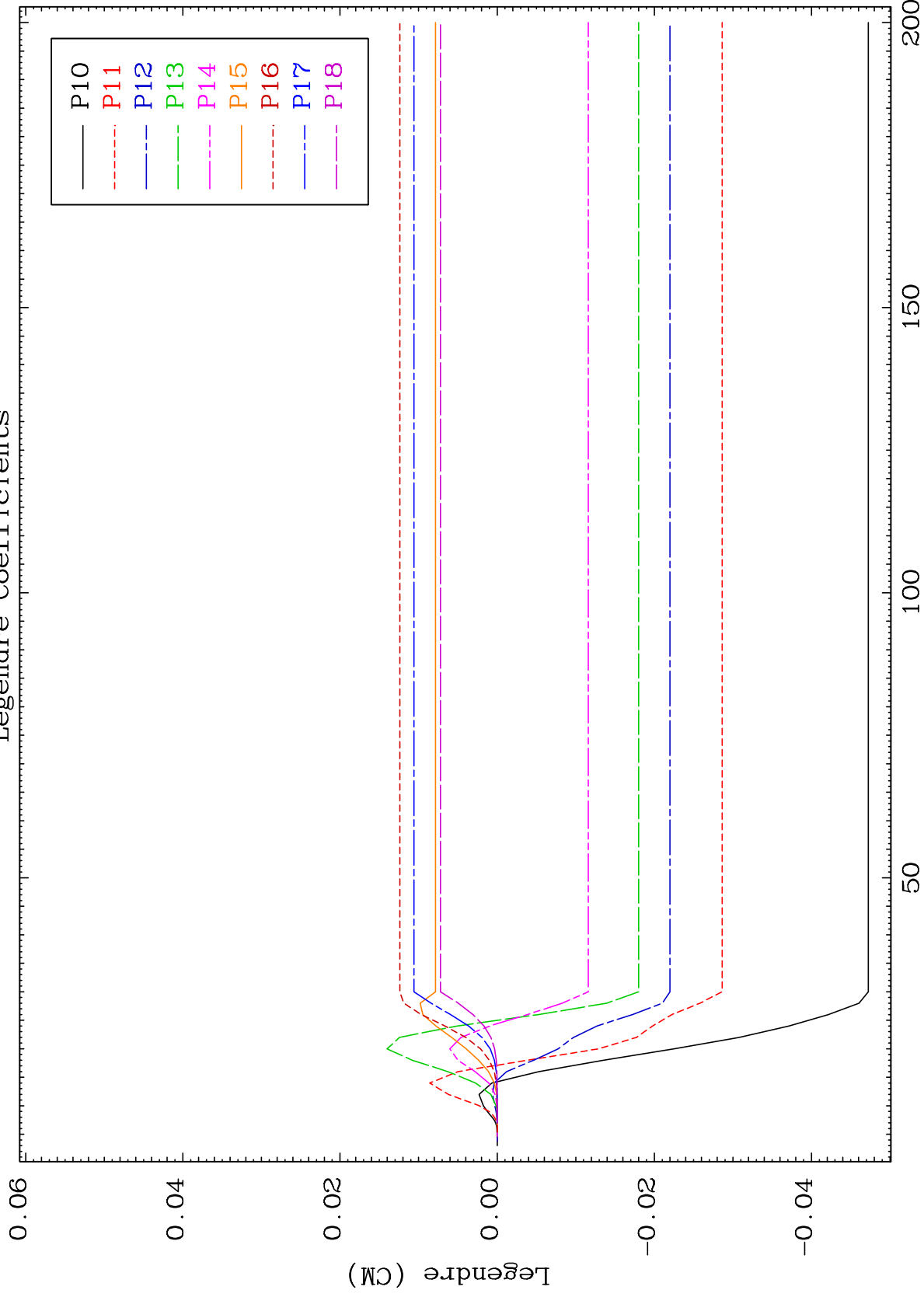
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



66

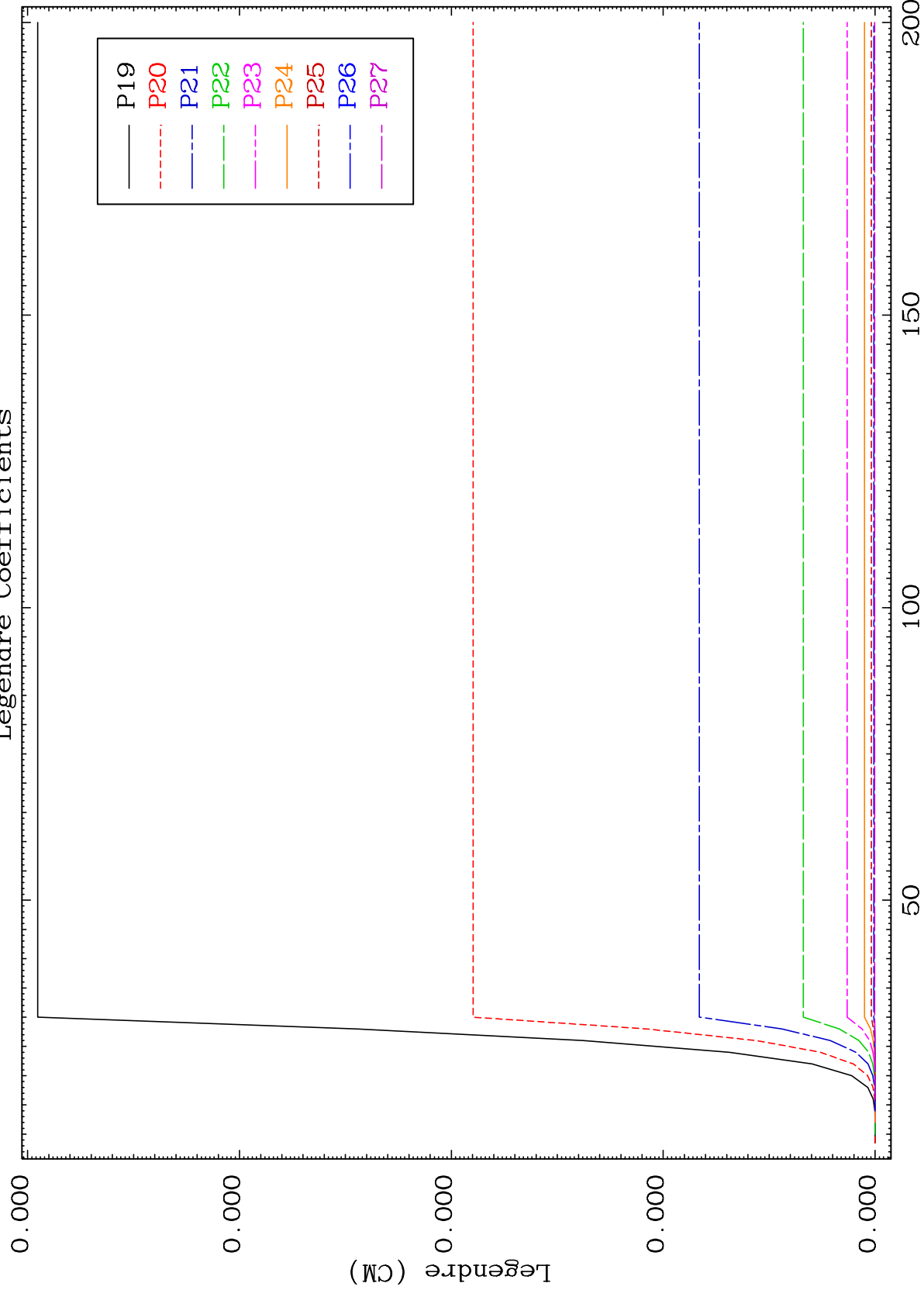
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



67

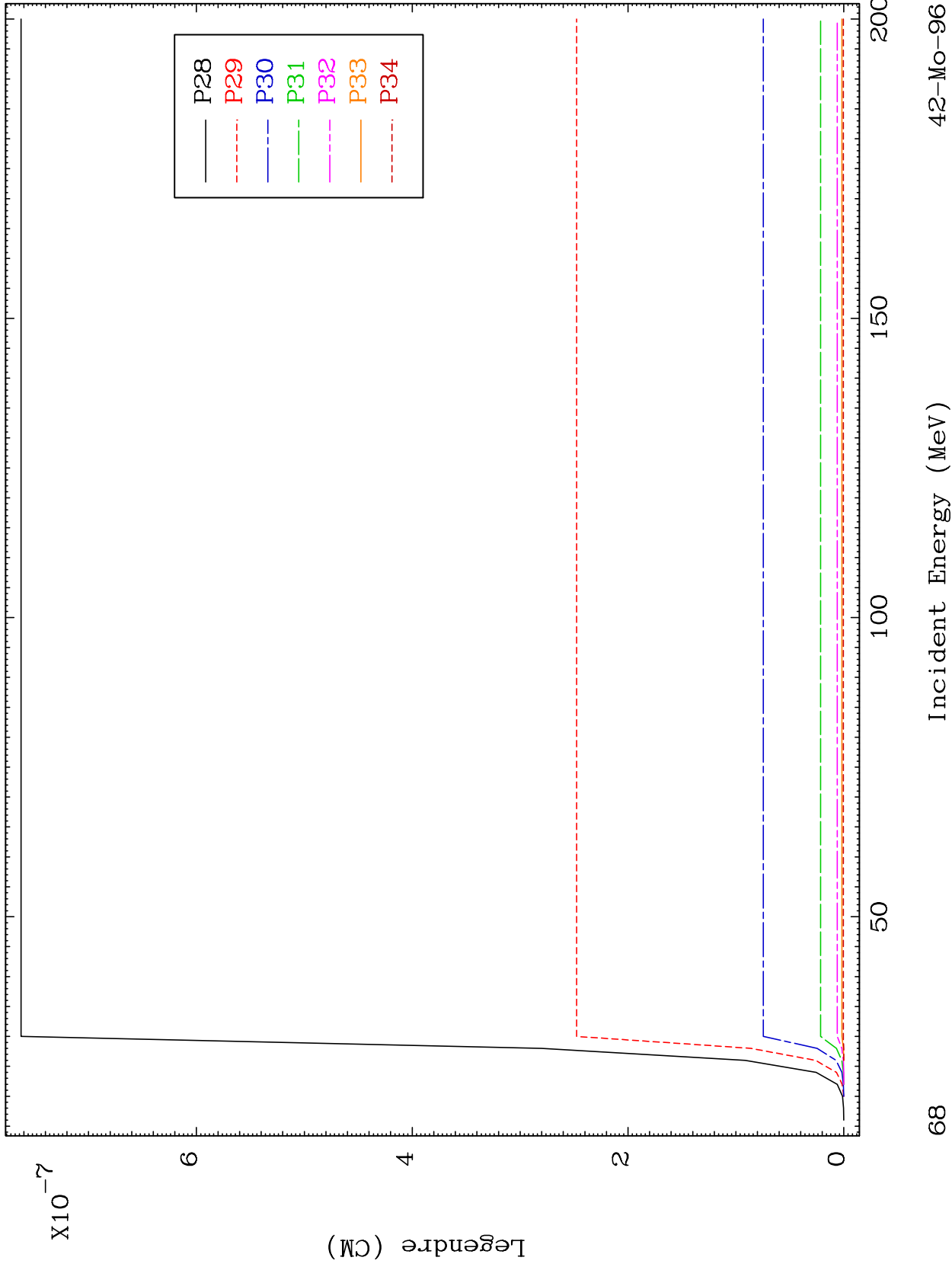
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

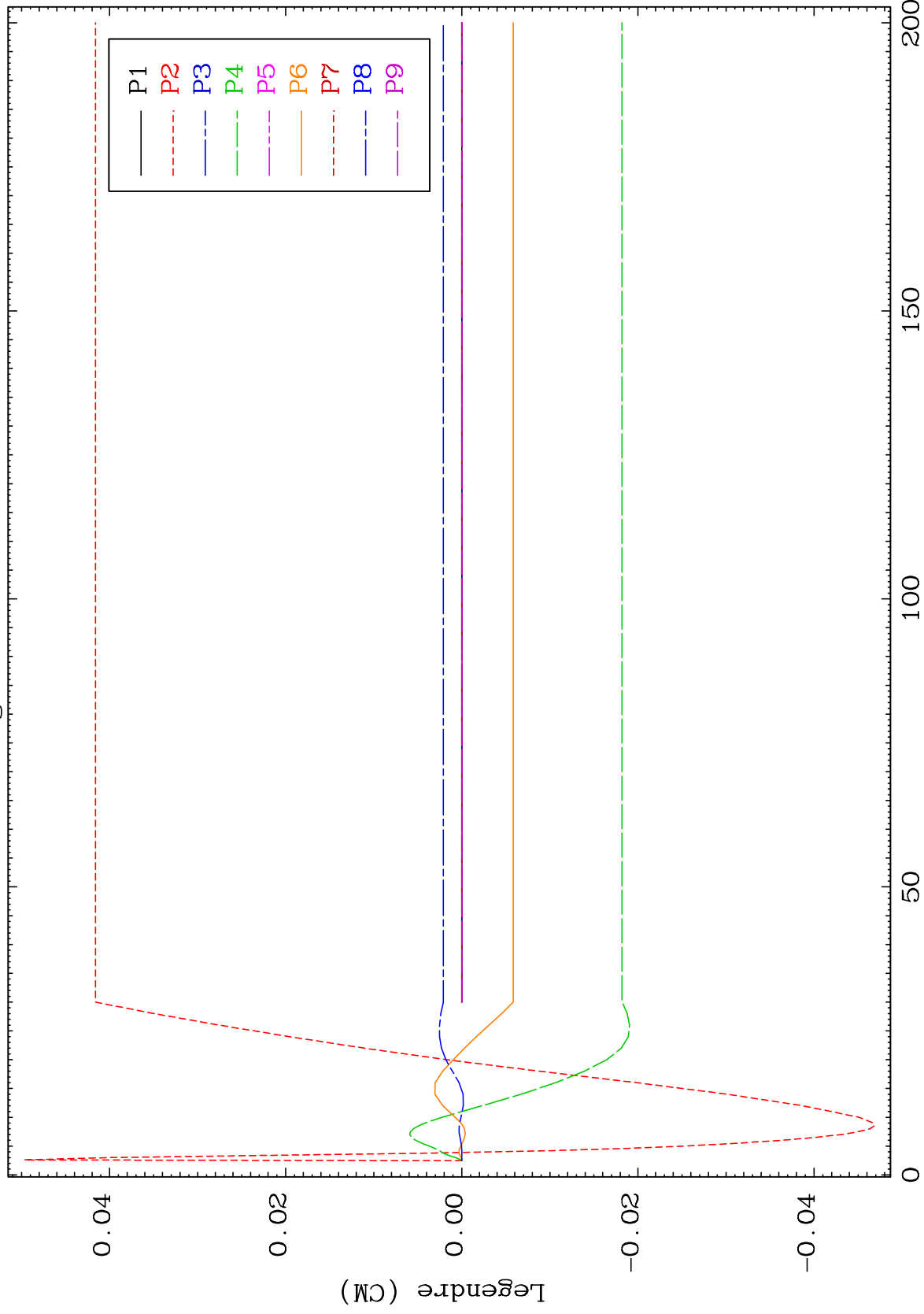
42-Mo-96



MAT 4237

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

42-Mo-96



42-Mo-96

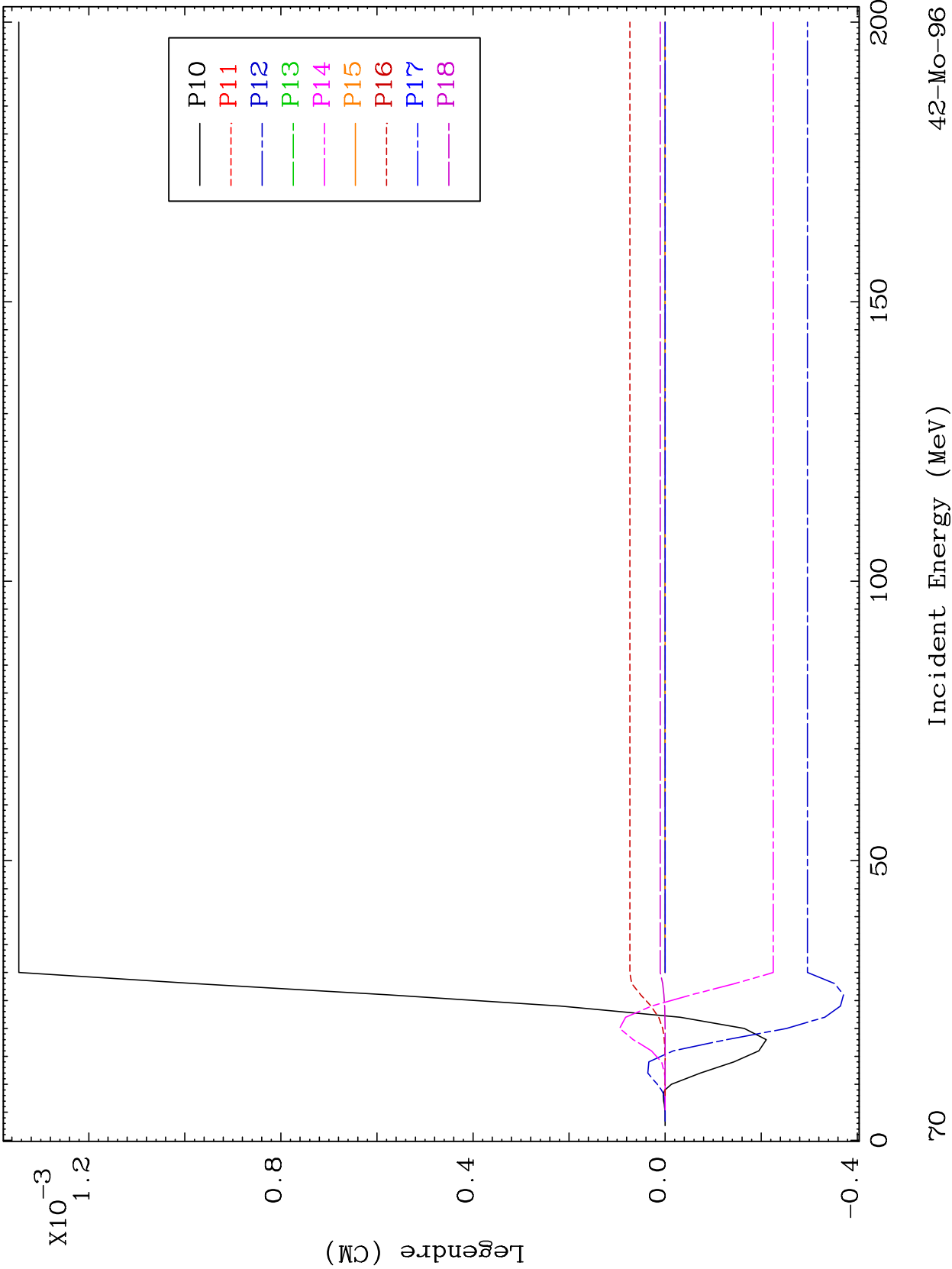
Incident Energy (MeV)

69

MAT 4237

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

42-Mo-96



42-Mo-96

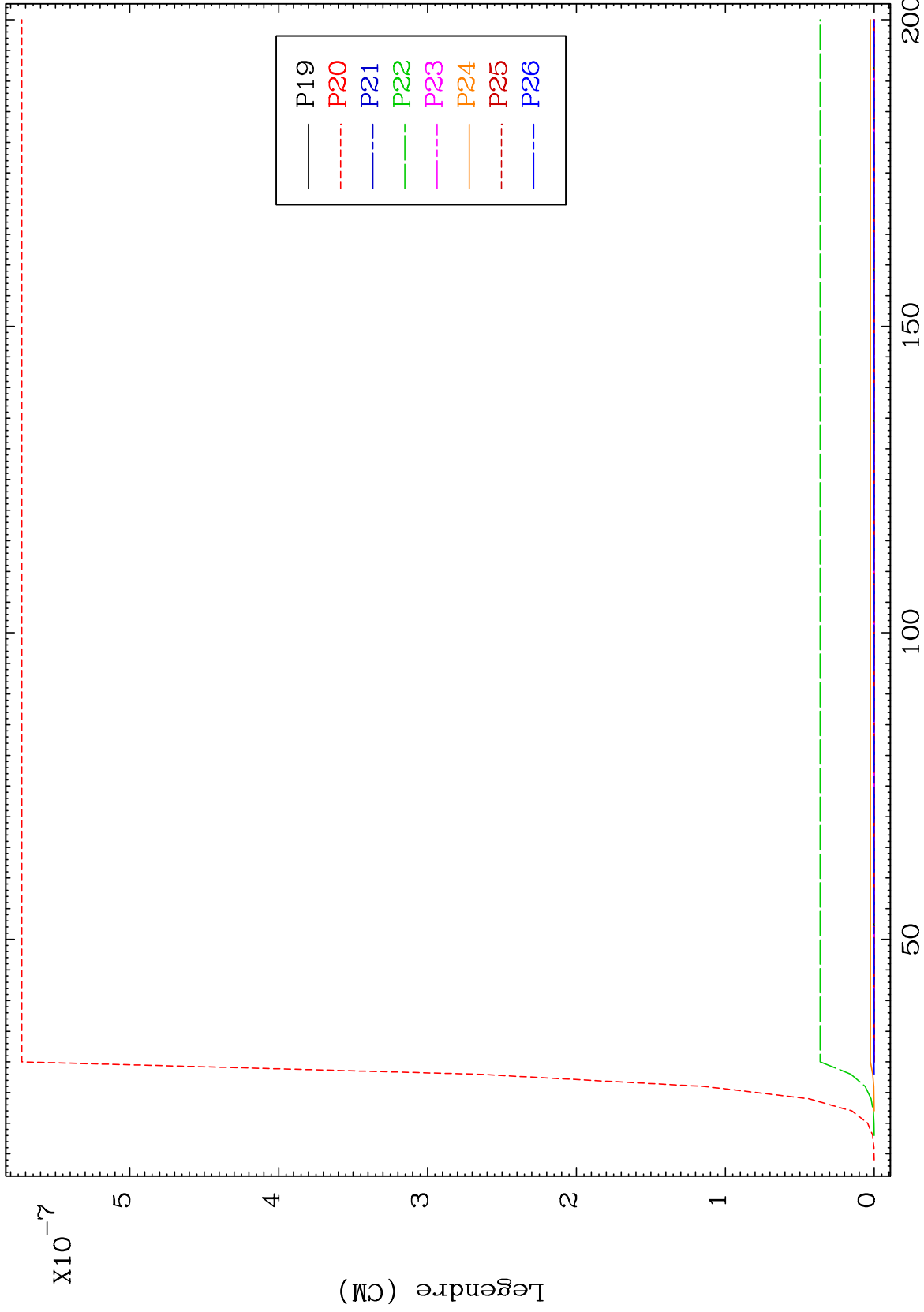
Incident Energy (MeV)

70

MAT 4237

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

42-Mo-96



71

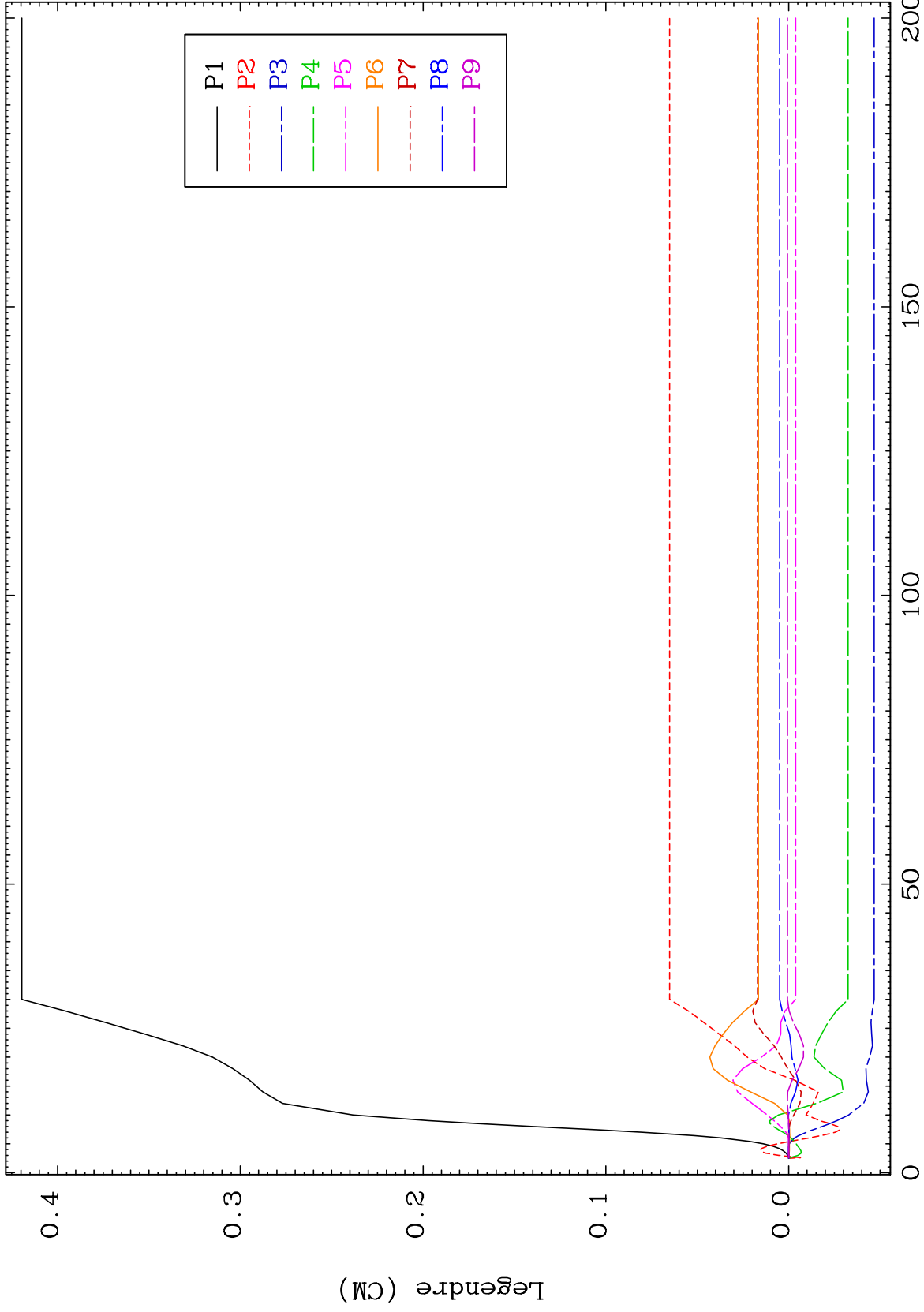
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

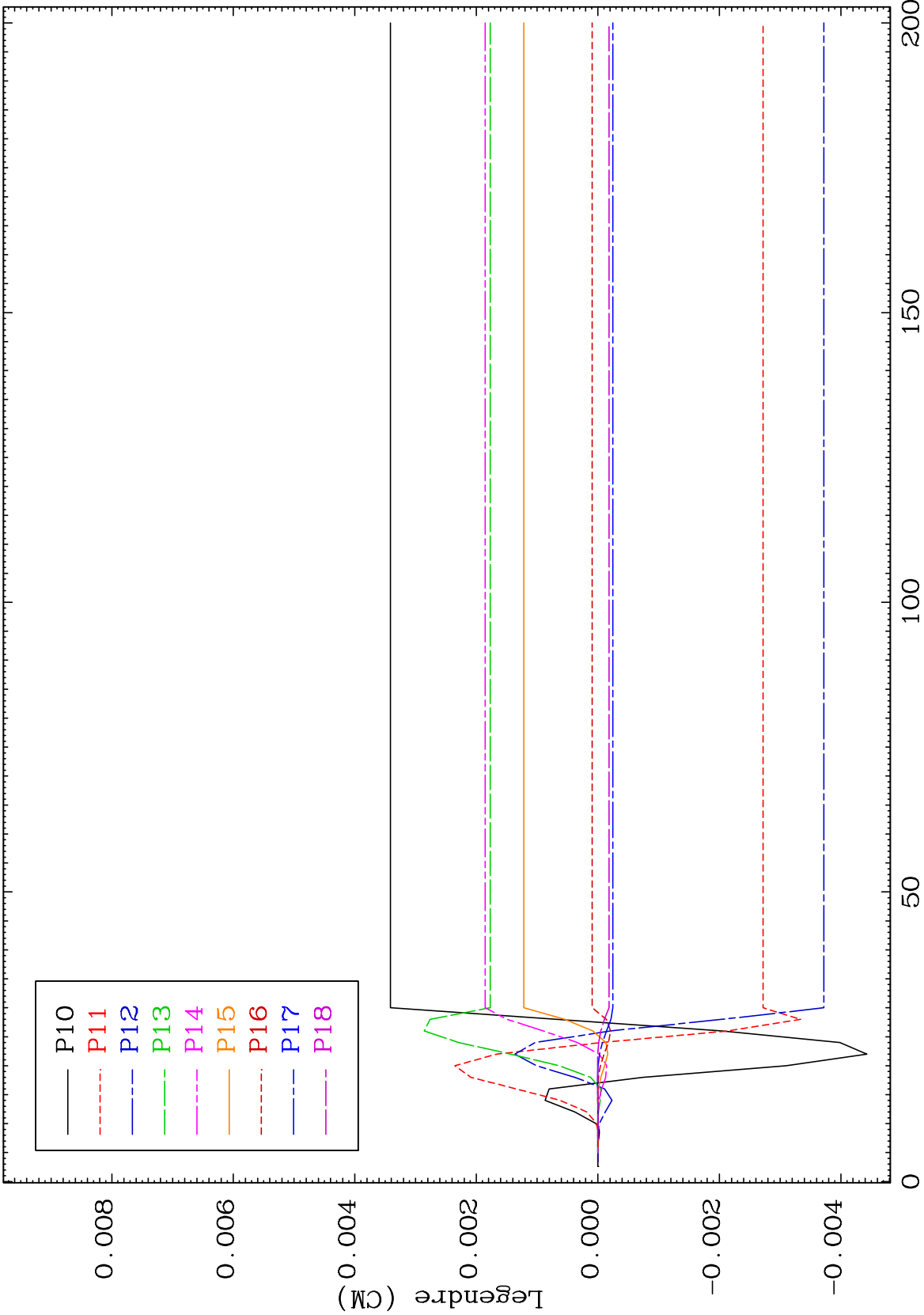
42-Mo-96



72

Incident Energy (MeV)

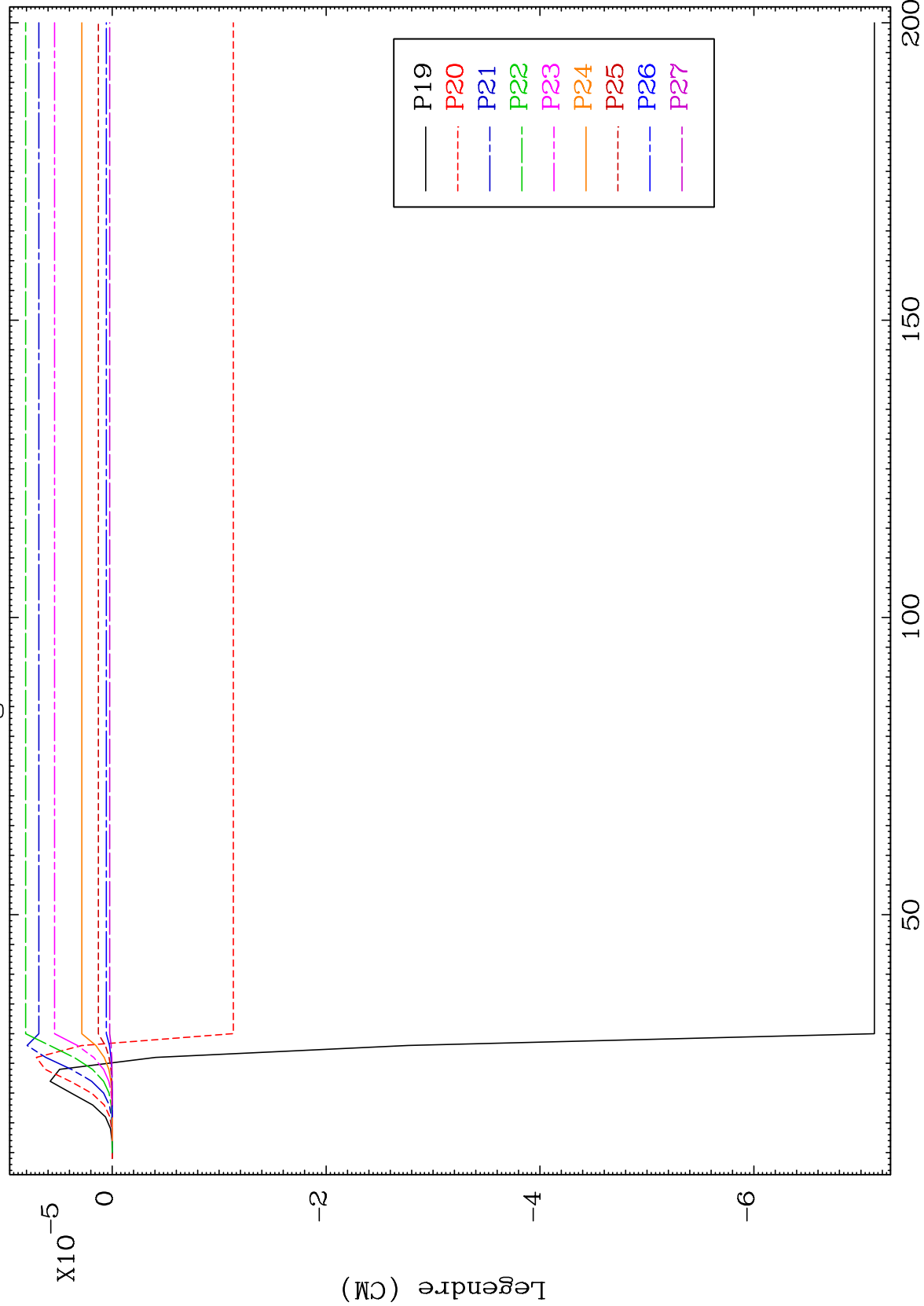
42-Mo-96



MAT 4237

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

42-Mo-96



74

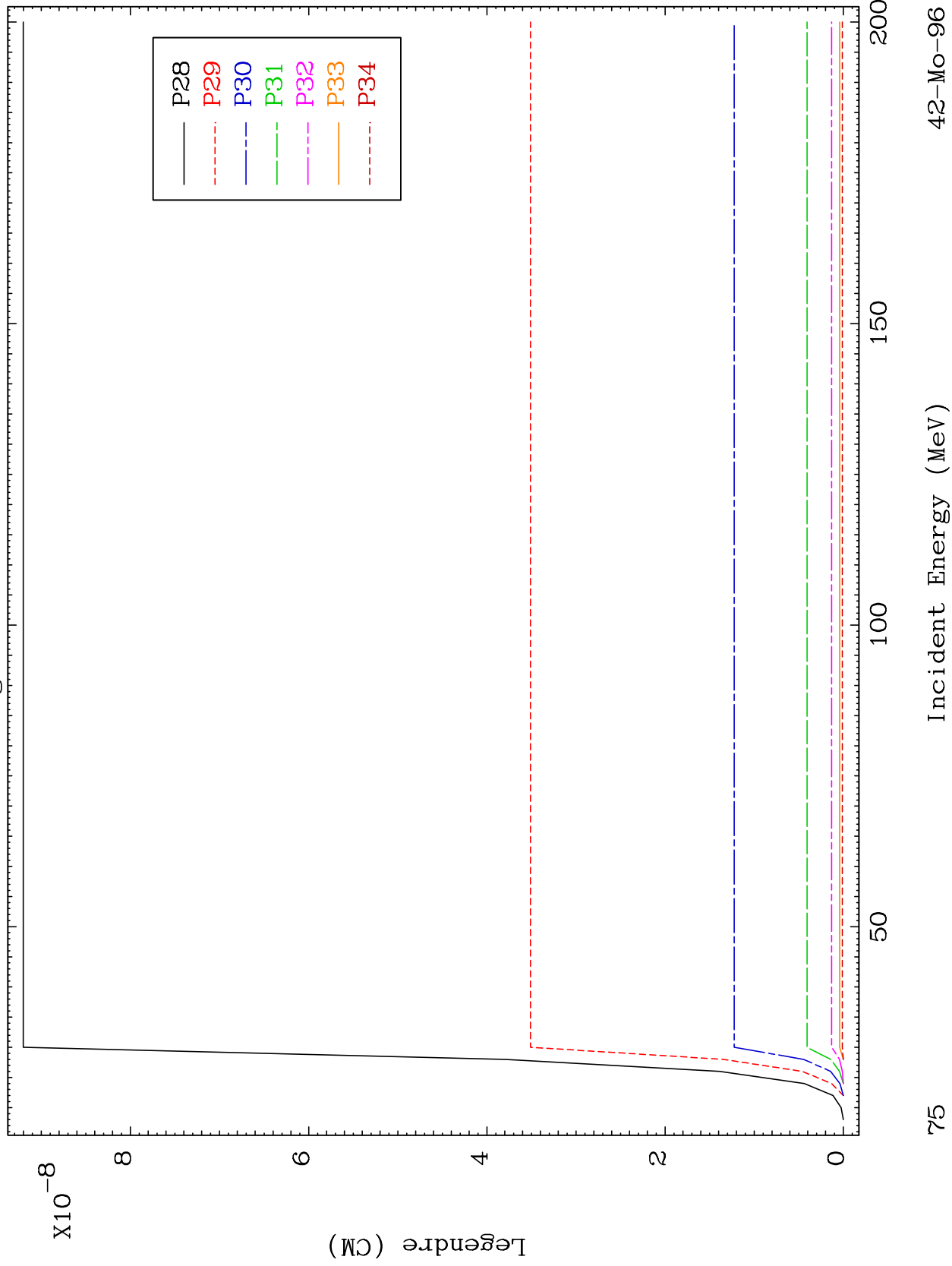
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

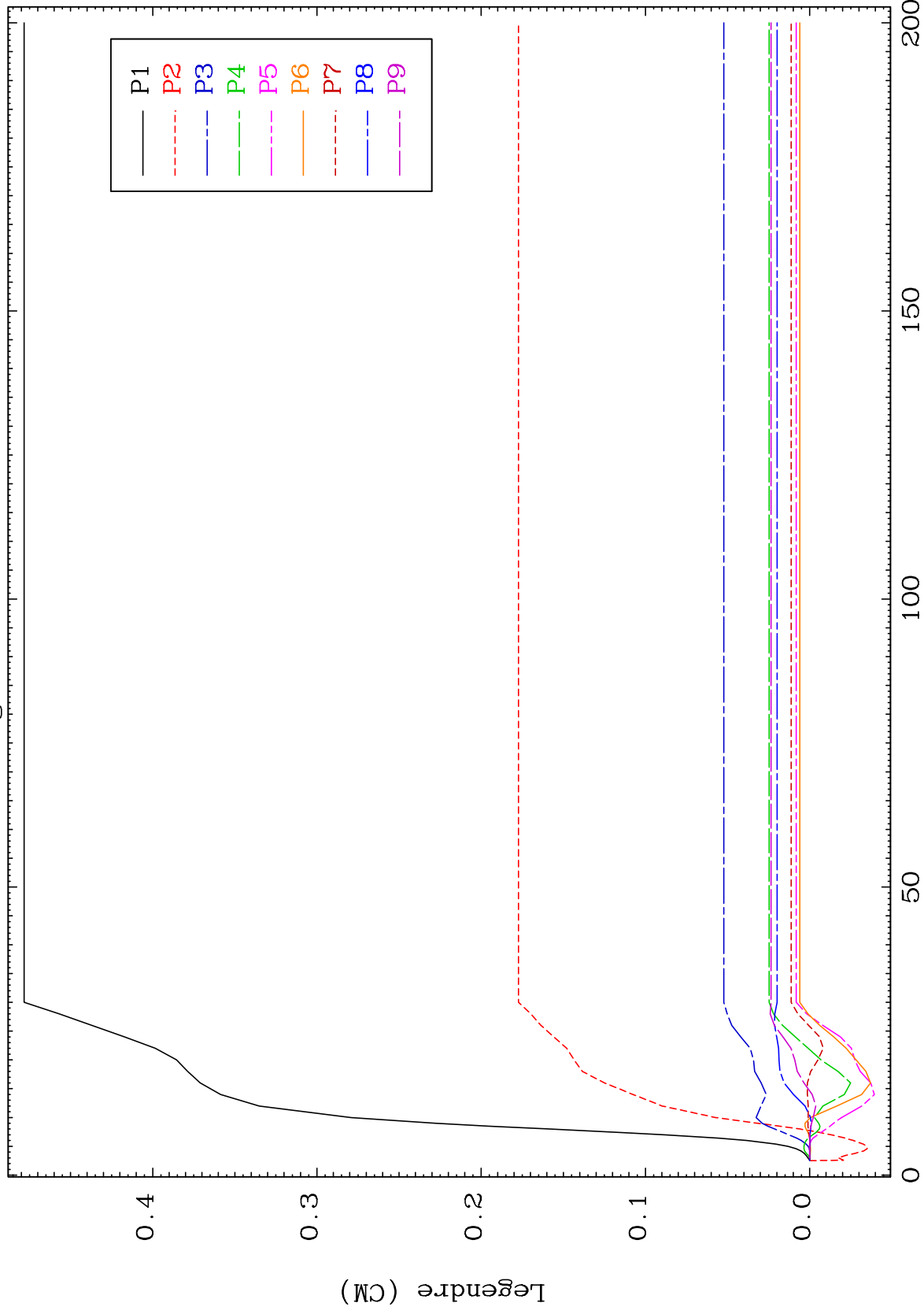
42-Mo-96



MAT 4237

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

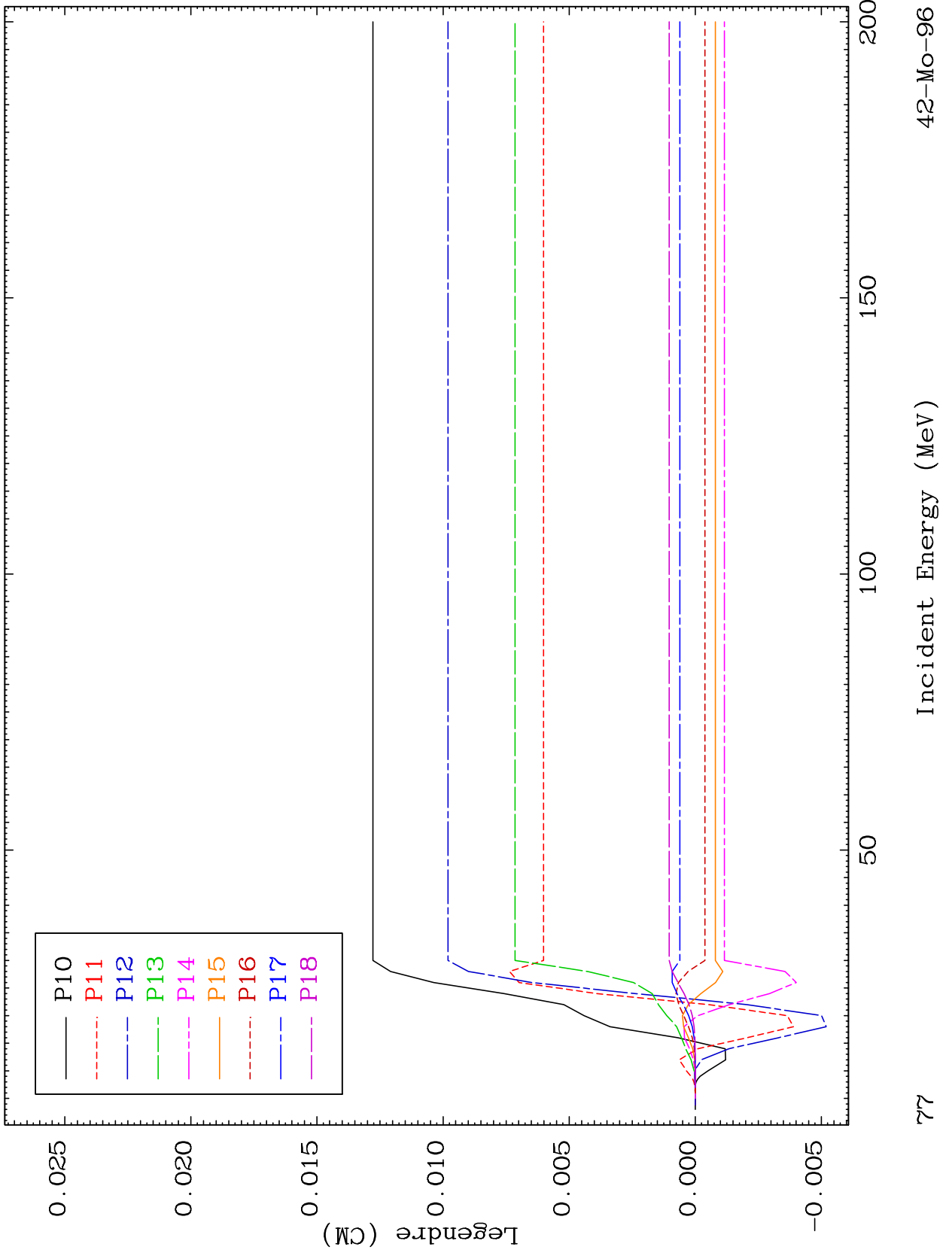
42-Mo-96



76

Incident Energy (MeV)

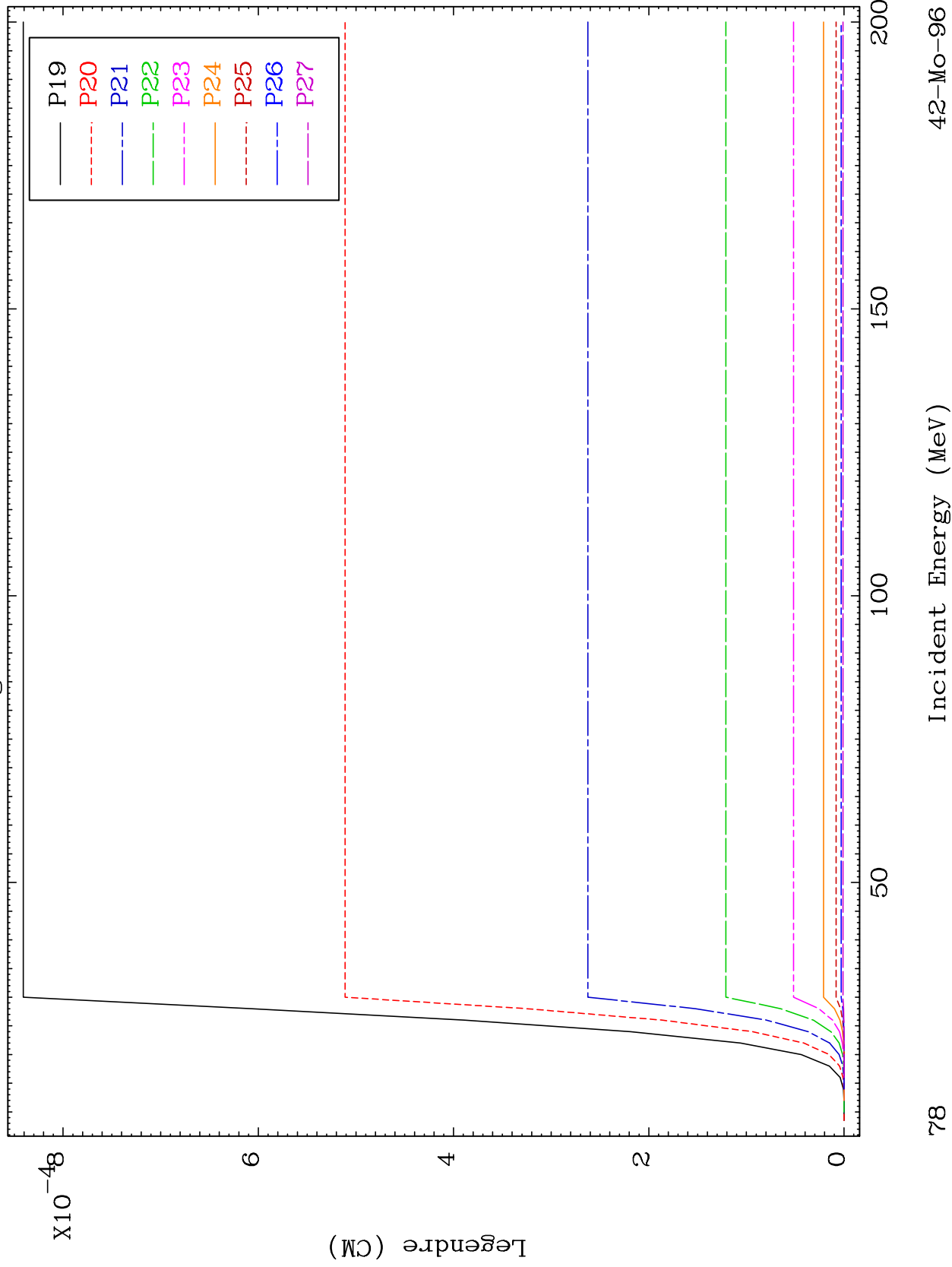
42-Mo-96



MAT 4237

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

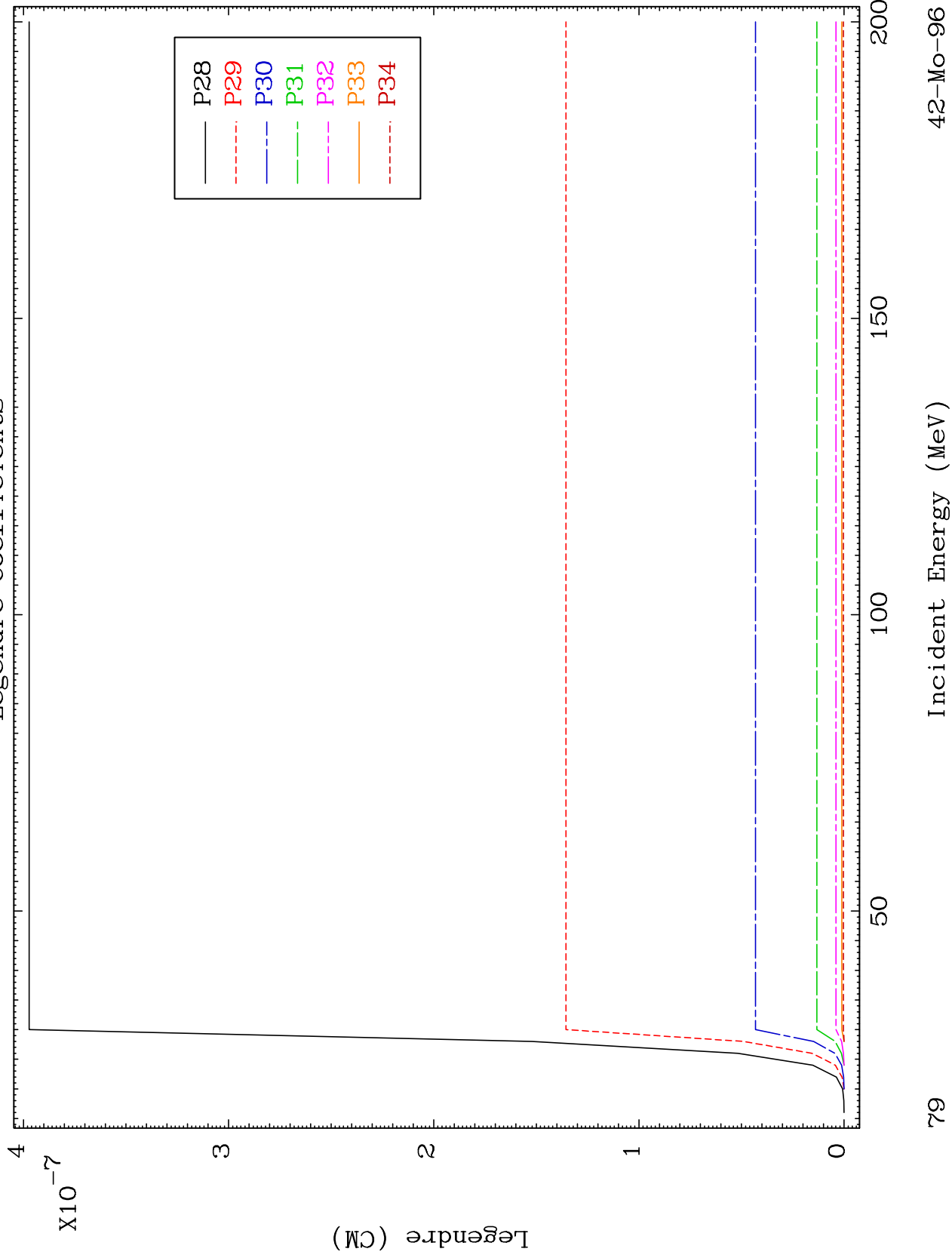
42-Mo-96



MAT 4237

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

42-Mo-96



79

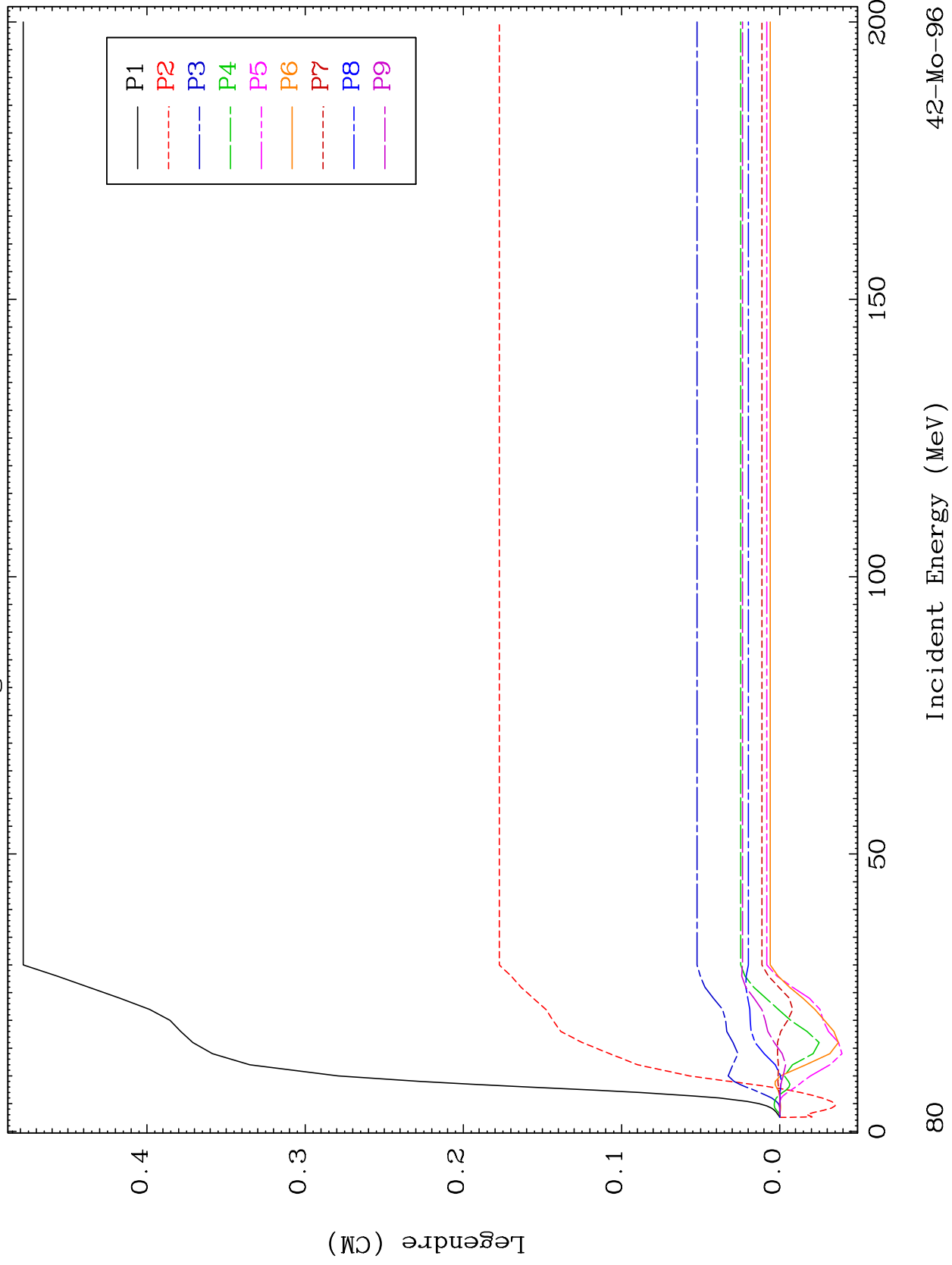
Incident Energy (MeV)

42-Mo-96

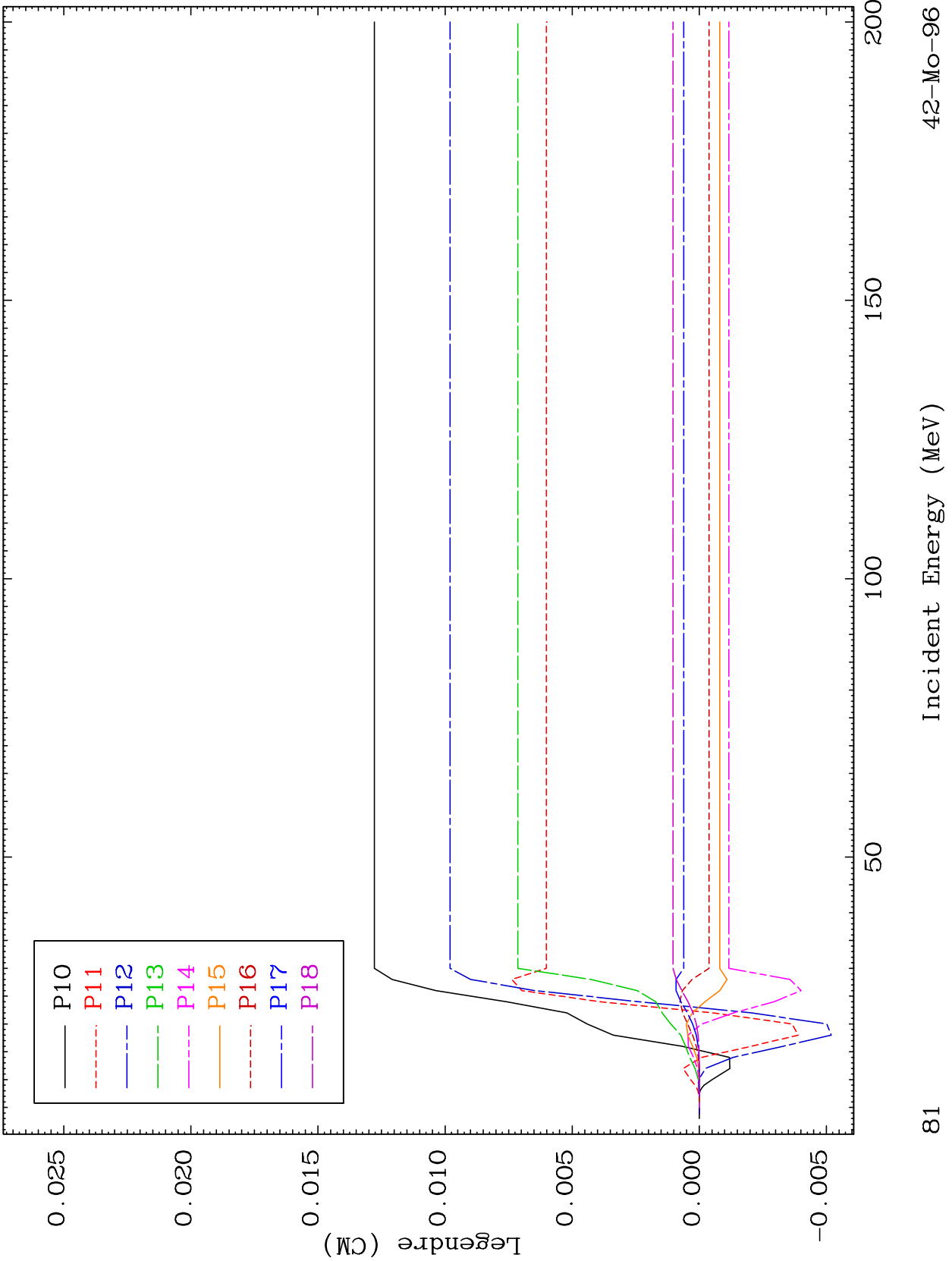
MAT 4237

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

42-Mo-96



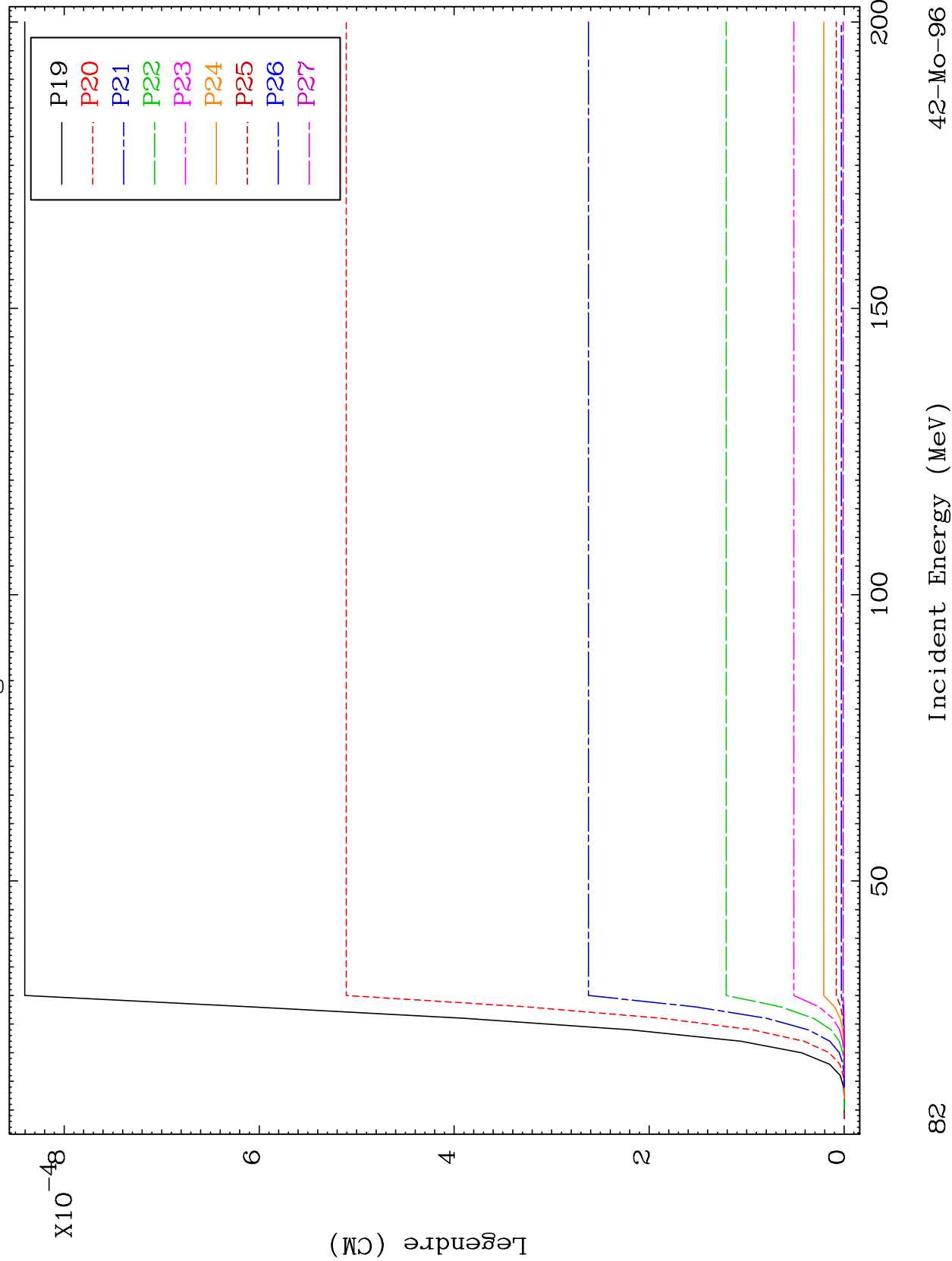
42-Mo-96



MAT 4237

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

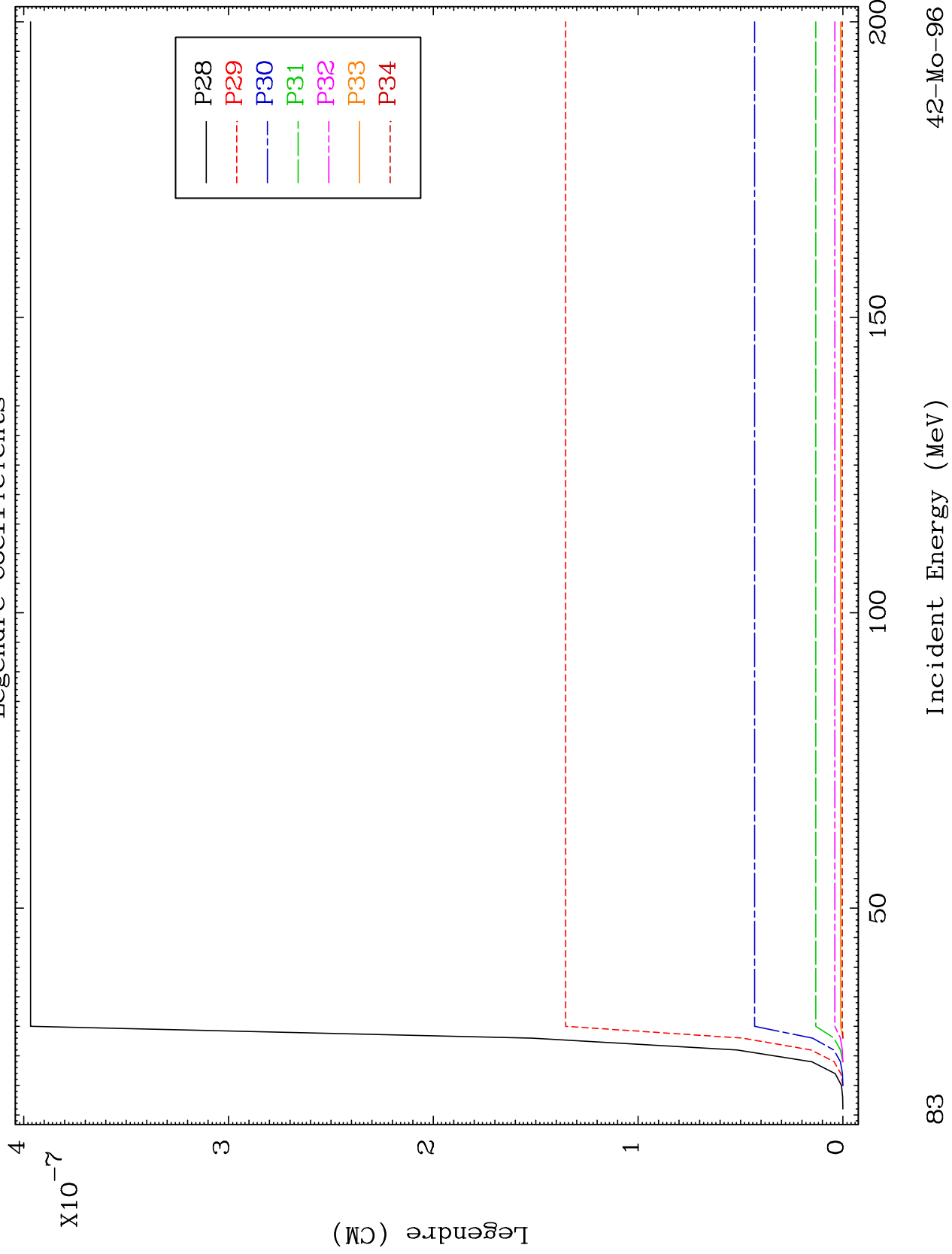
42-Mo-96



MAT 4237

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

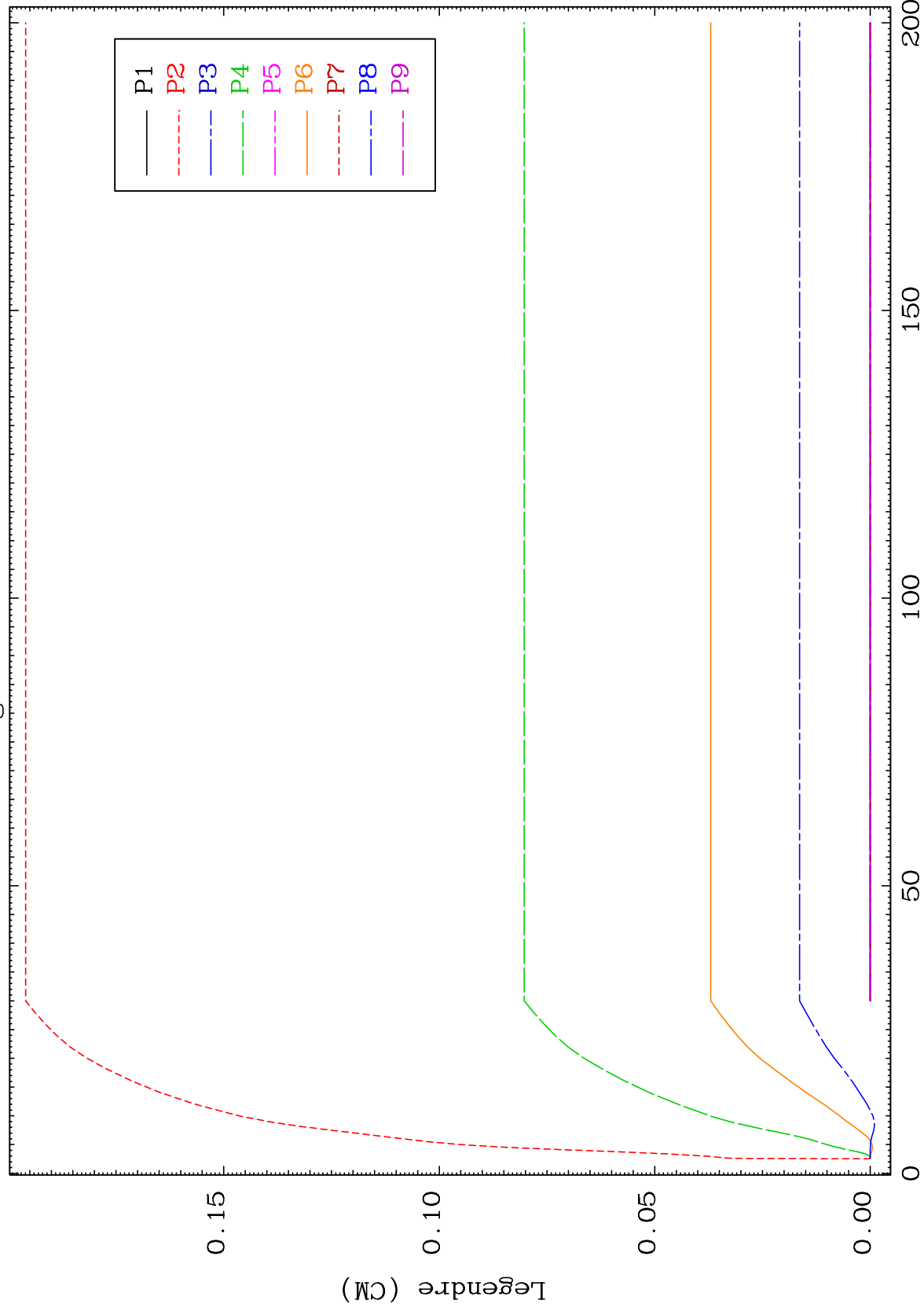
42-Mo-96



MAT 4237

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

42-Mo-96



84

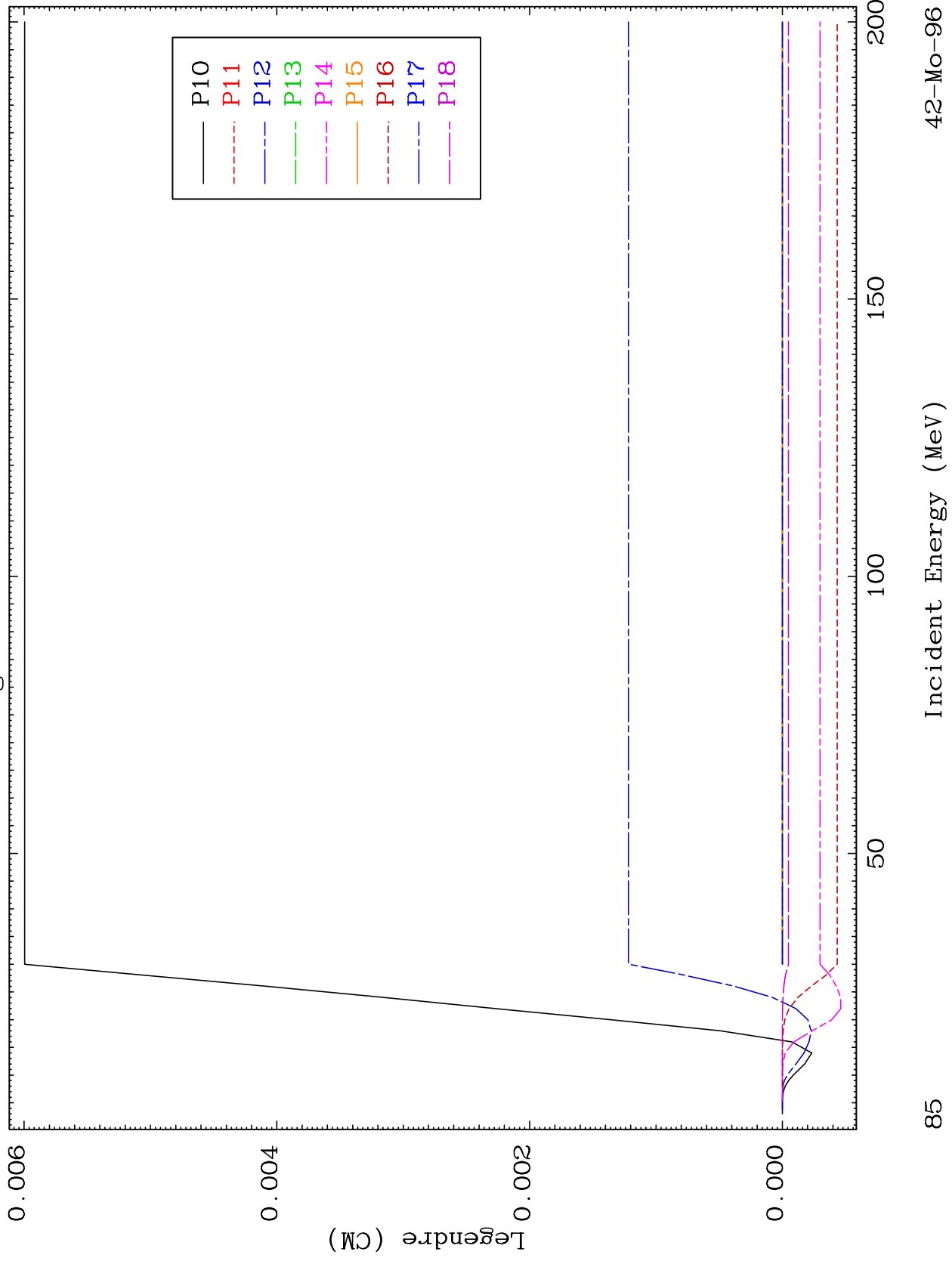
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

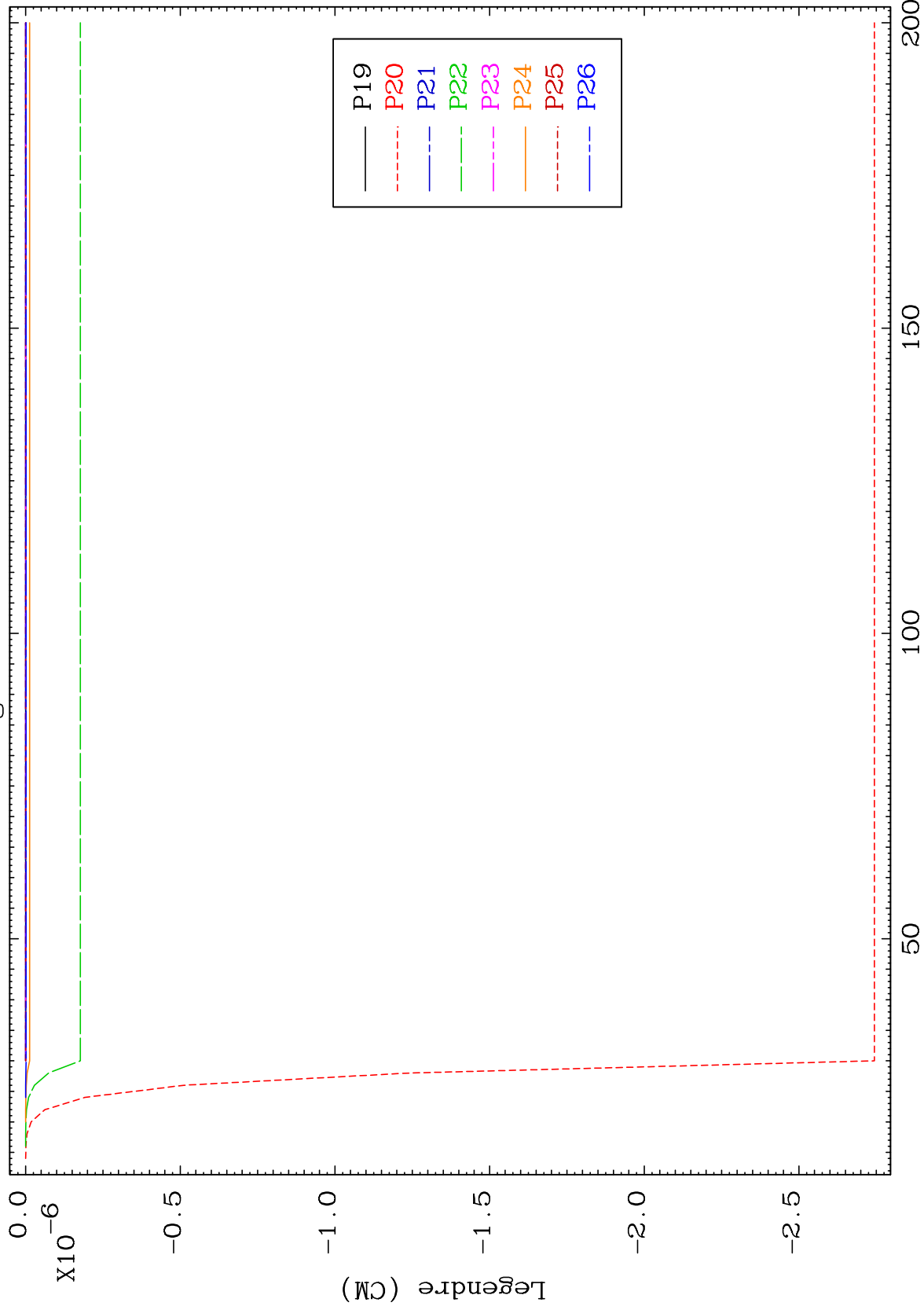
42-Mo-96



MAT 4237

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

42-Mo-96



86

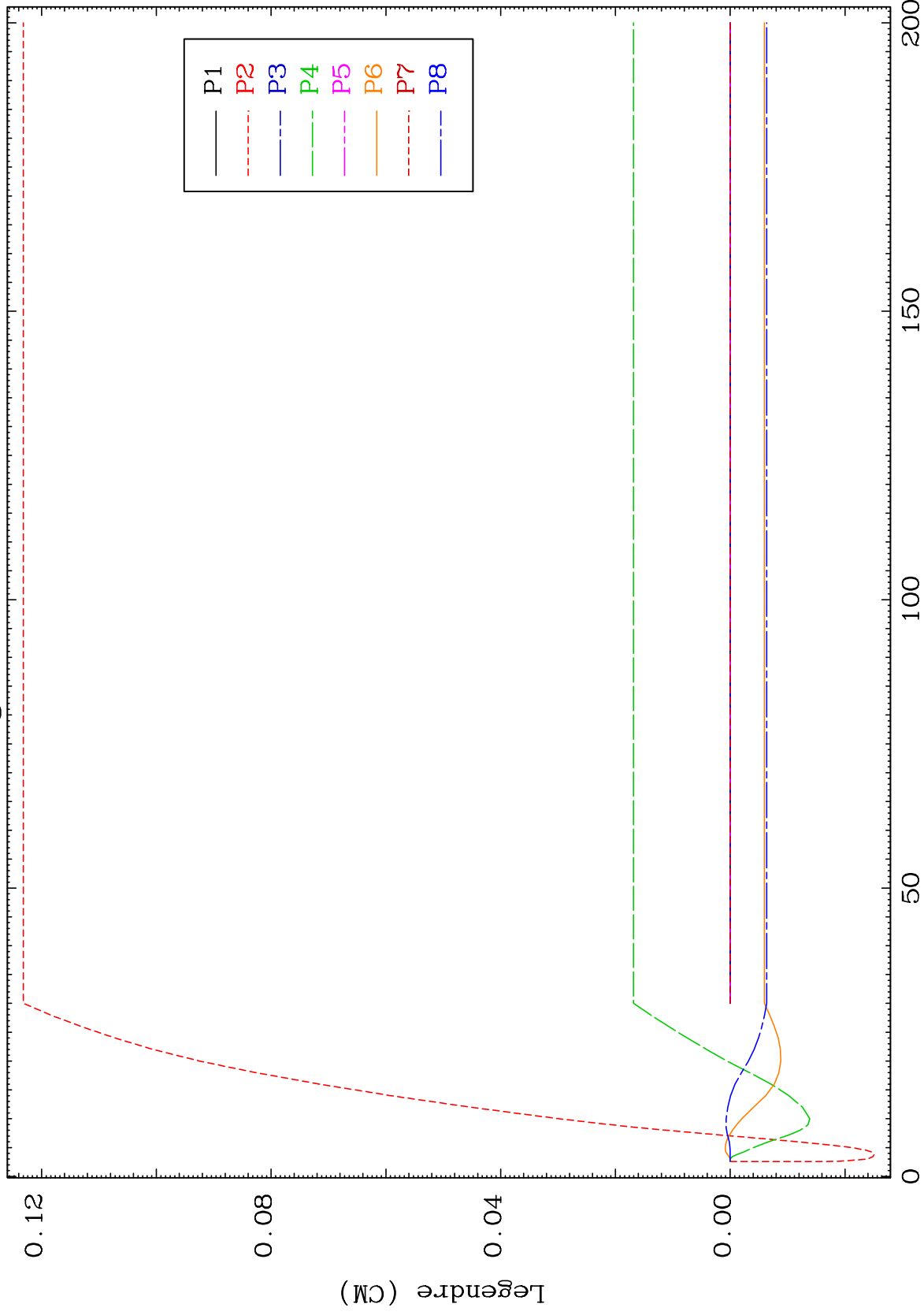
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

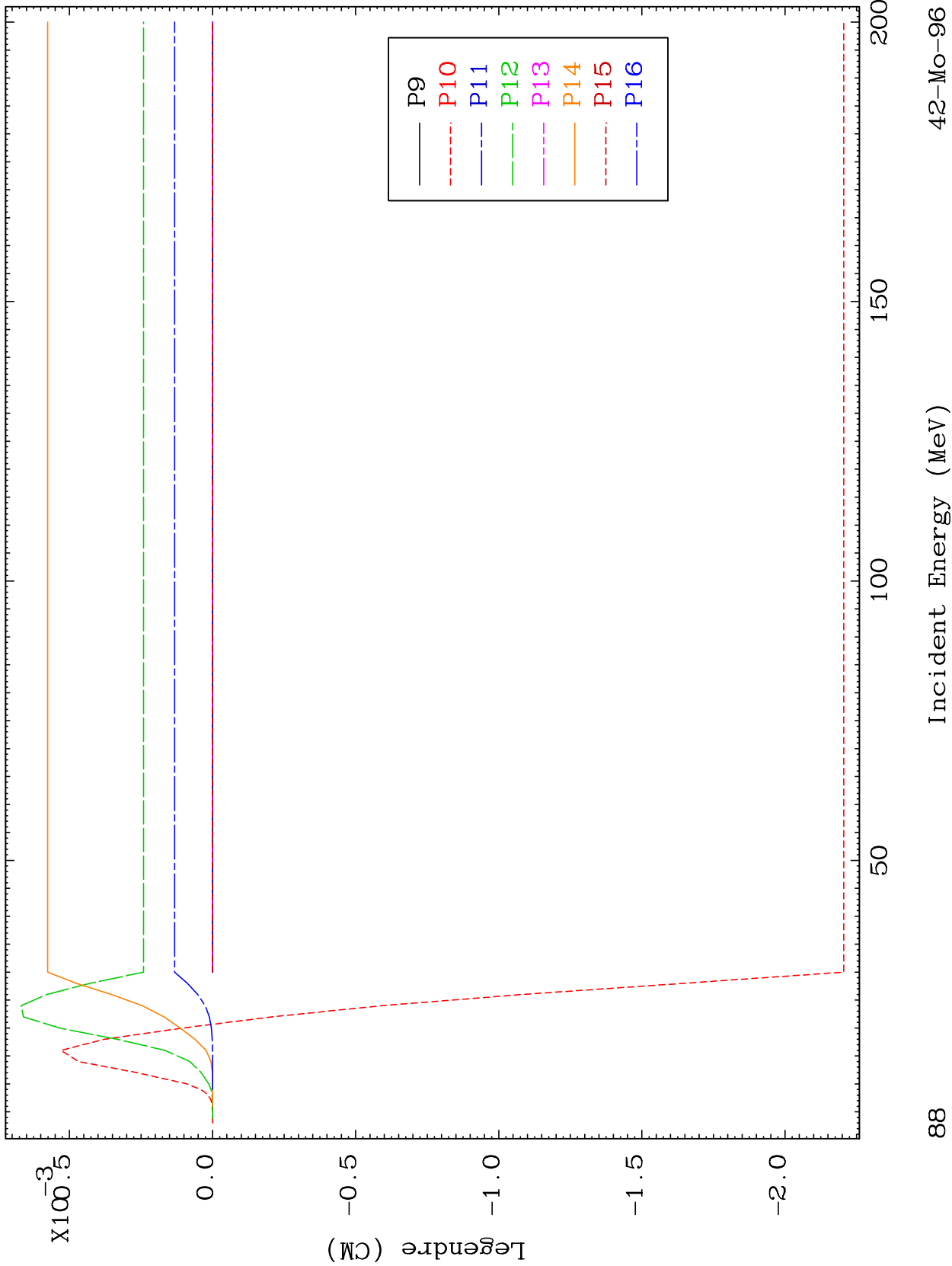
42-Mo-96



87

Incident Energy (MeV)

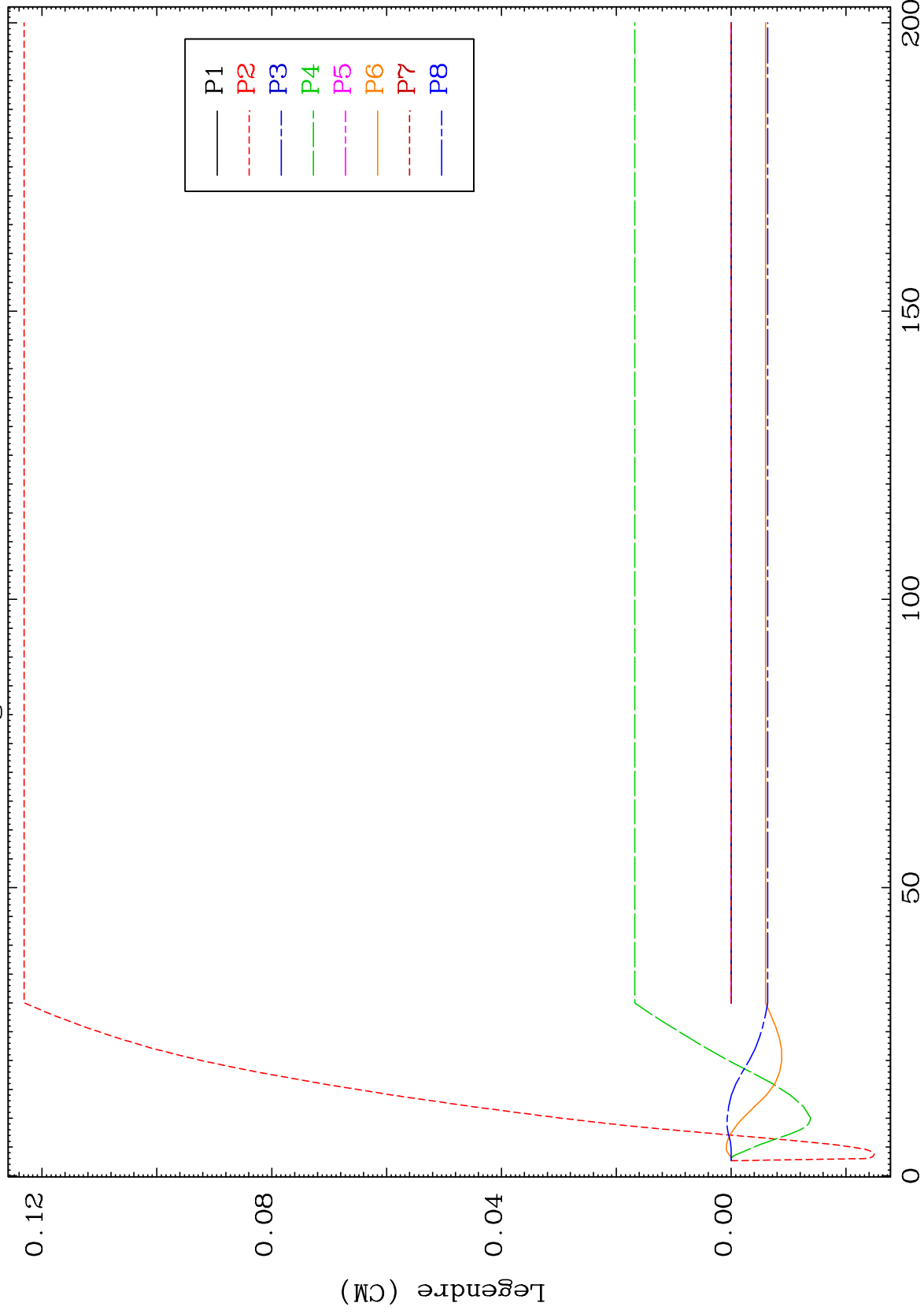
42-Mo-96



MAT 4237

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

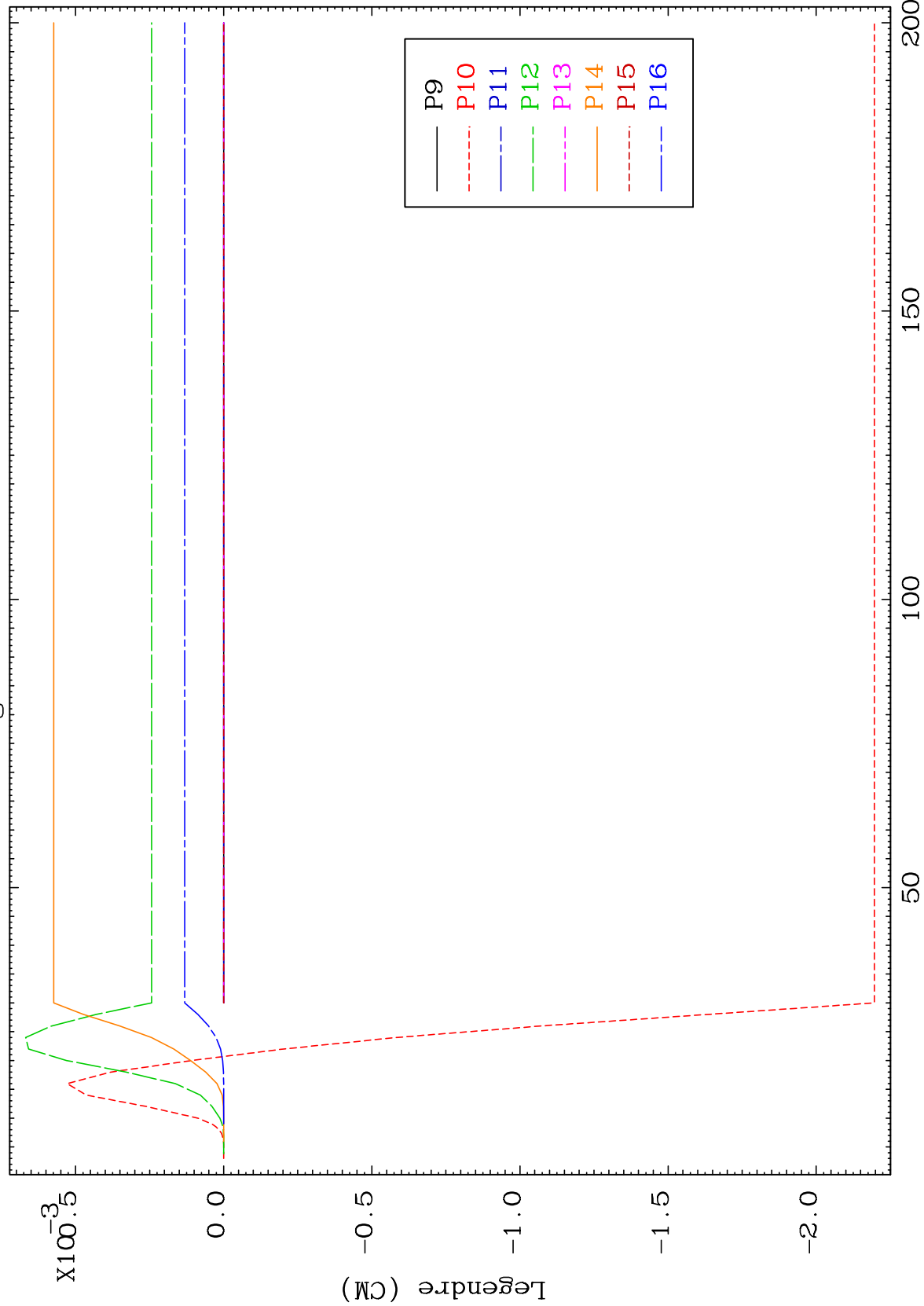
42-Mo-96



42-Mo-96

Incident Energy (MeV)

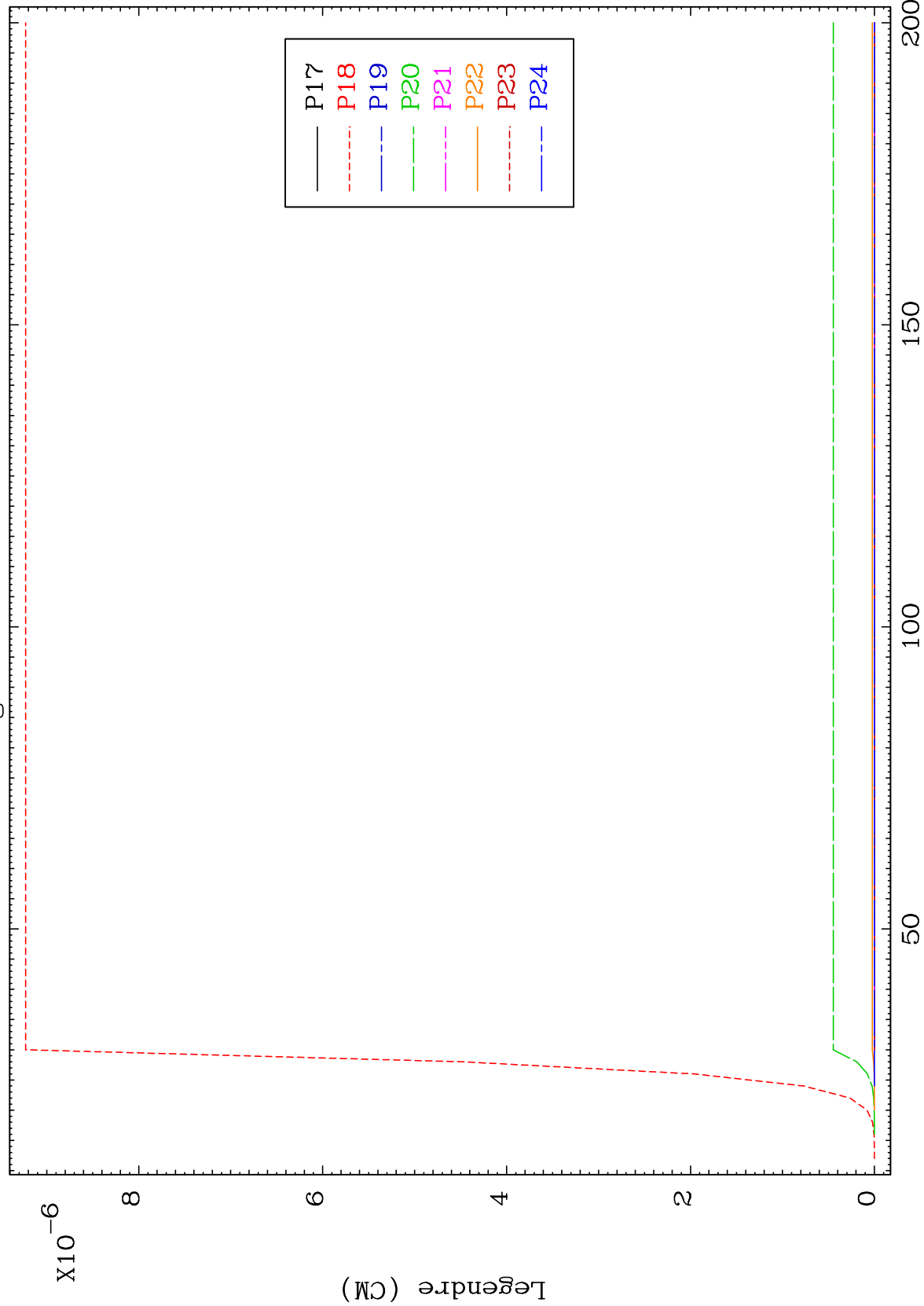
90



MAT 4237

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

42-Mo-96



92

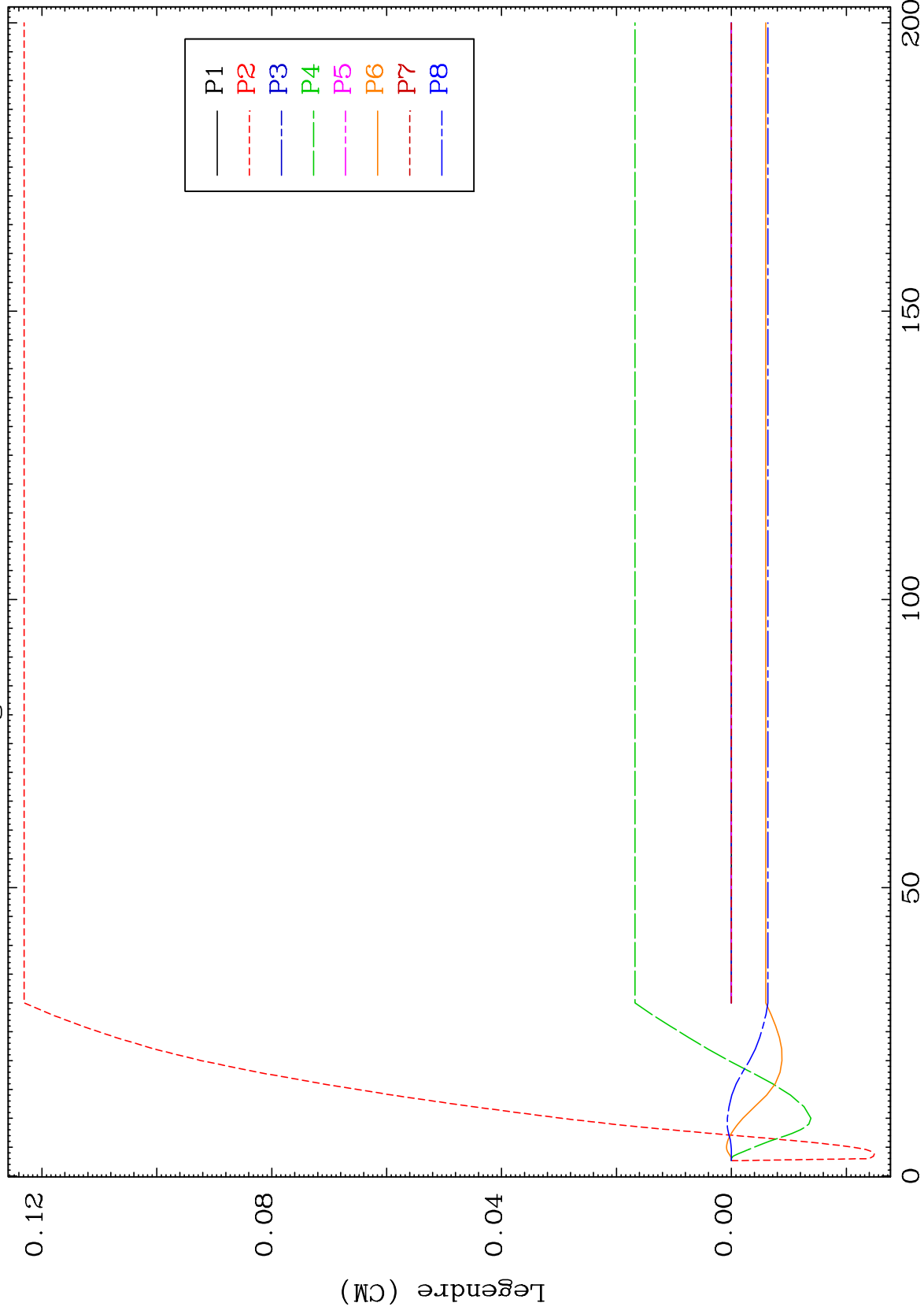
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

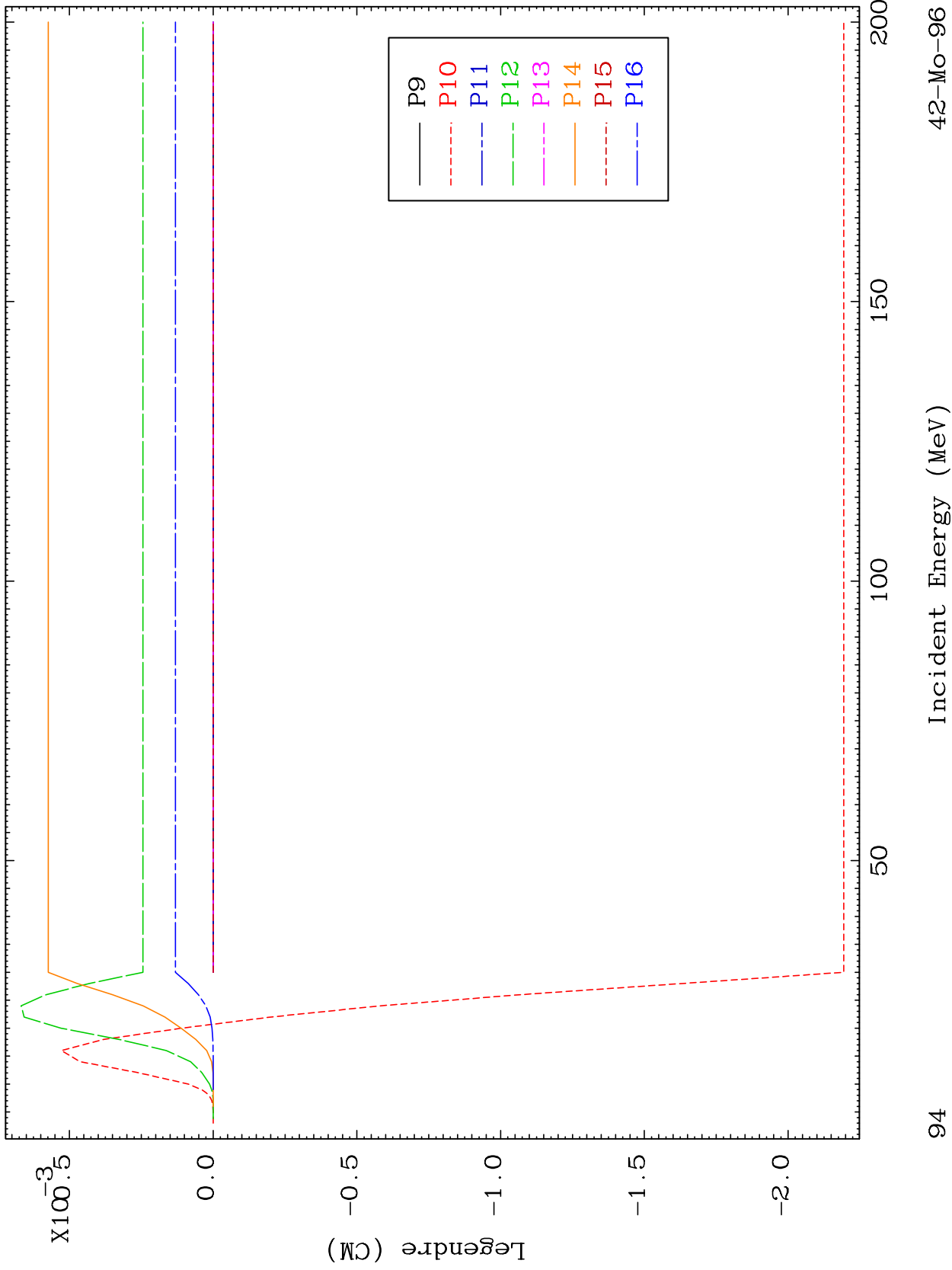
42-Mo-96



93

Incident Energy (MeV)

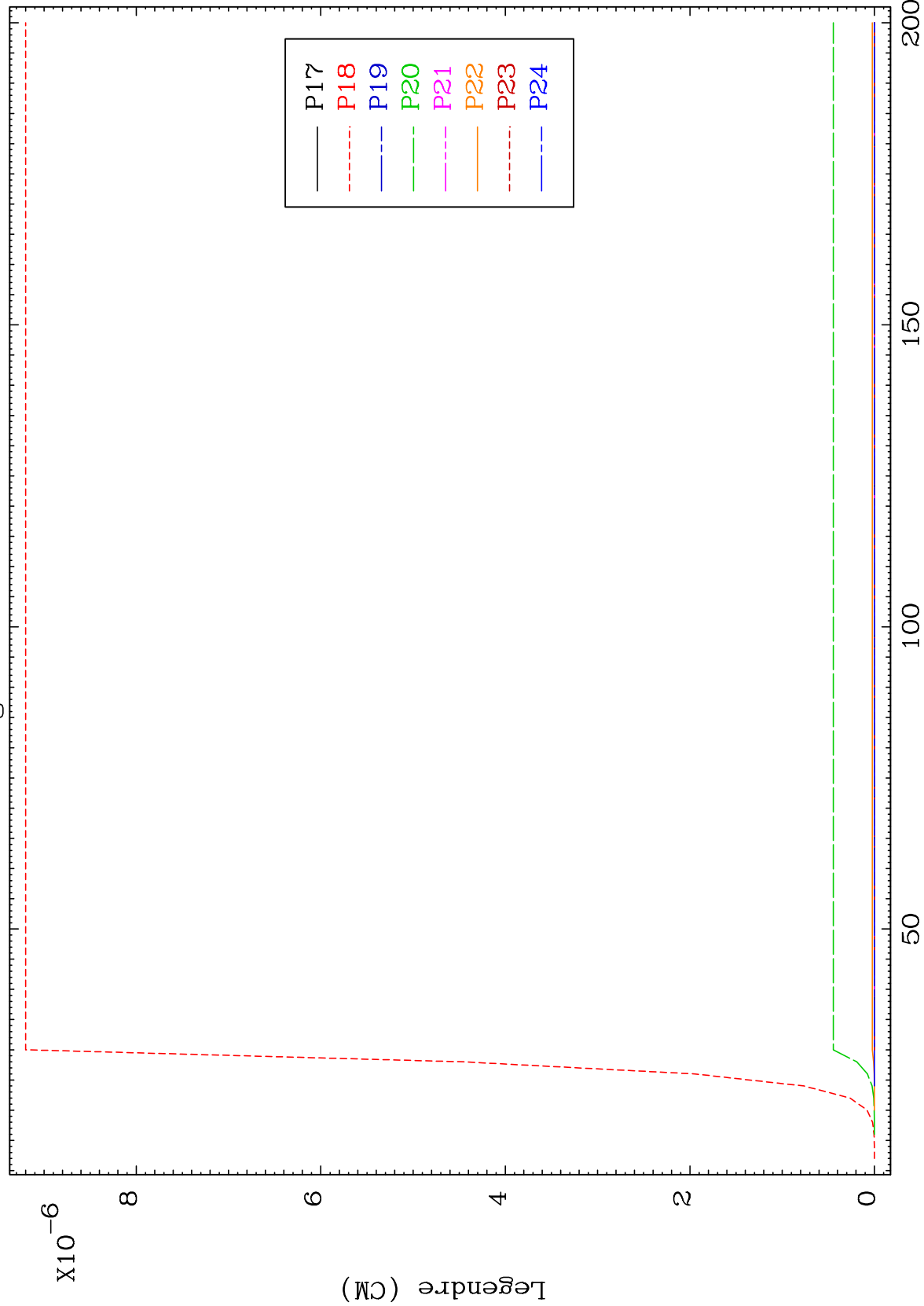
42-Mo-96



MAT 4237

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

42-Mo-96



95

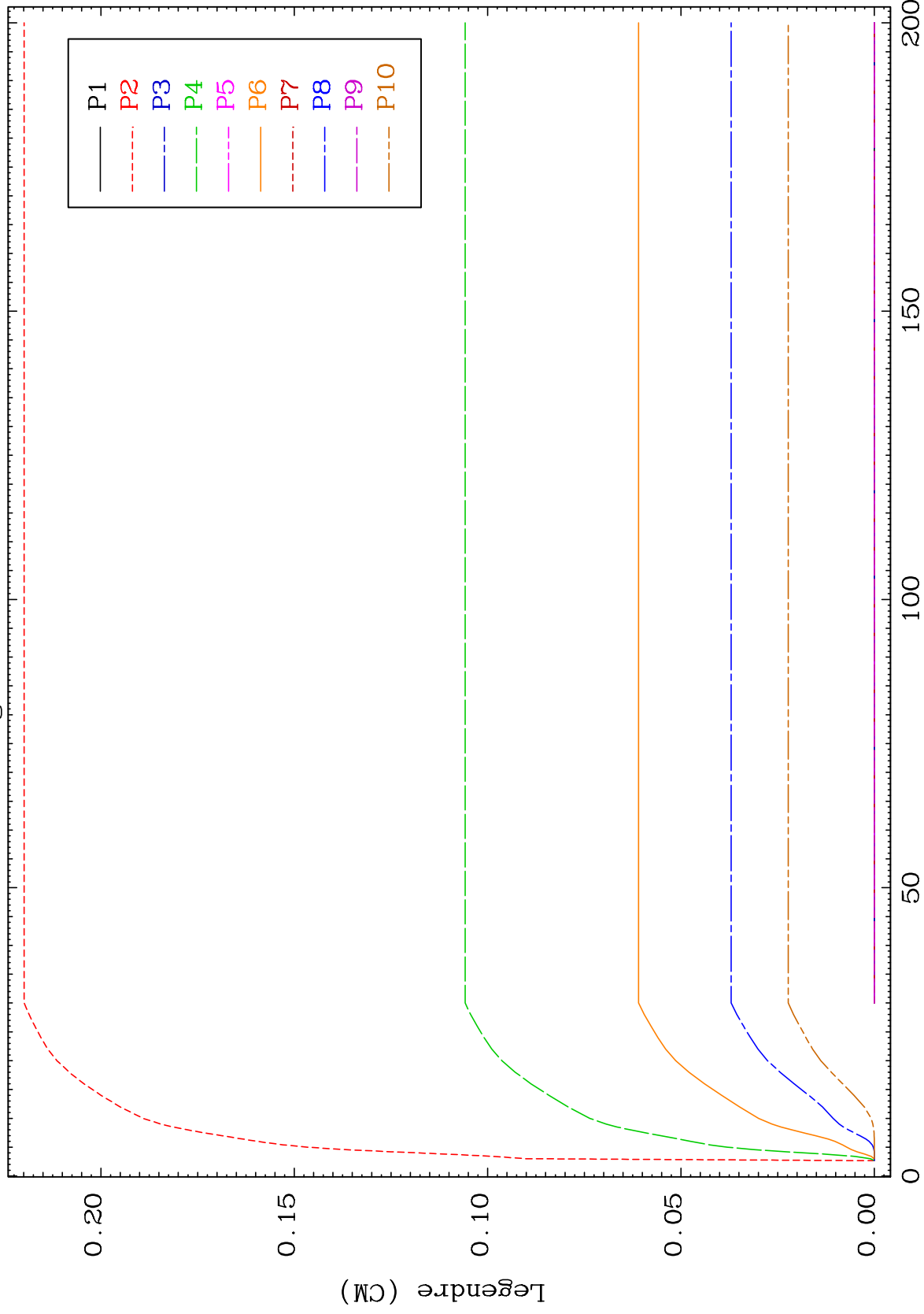
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



42-Mo-96

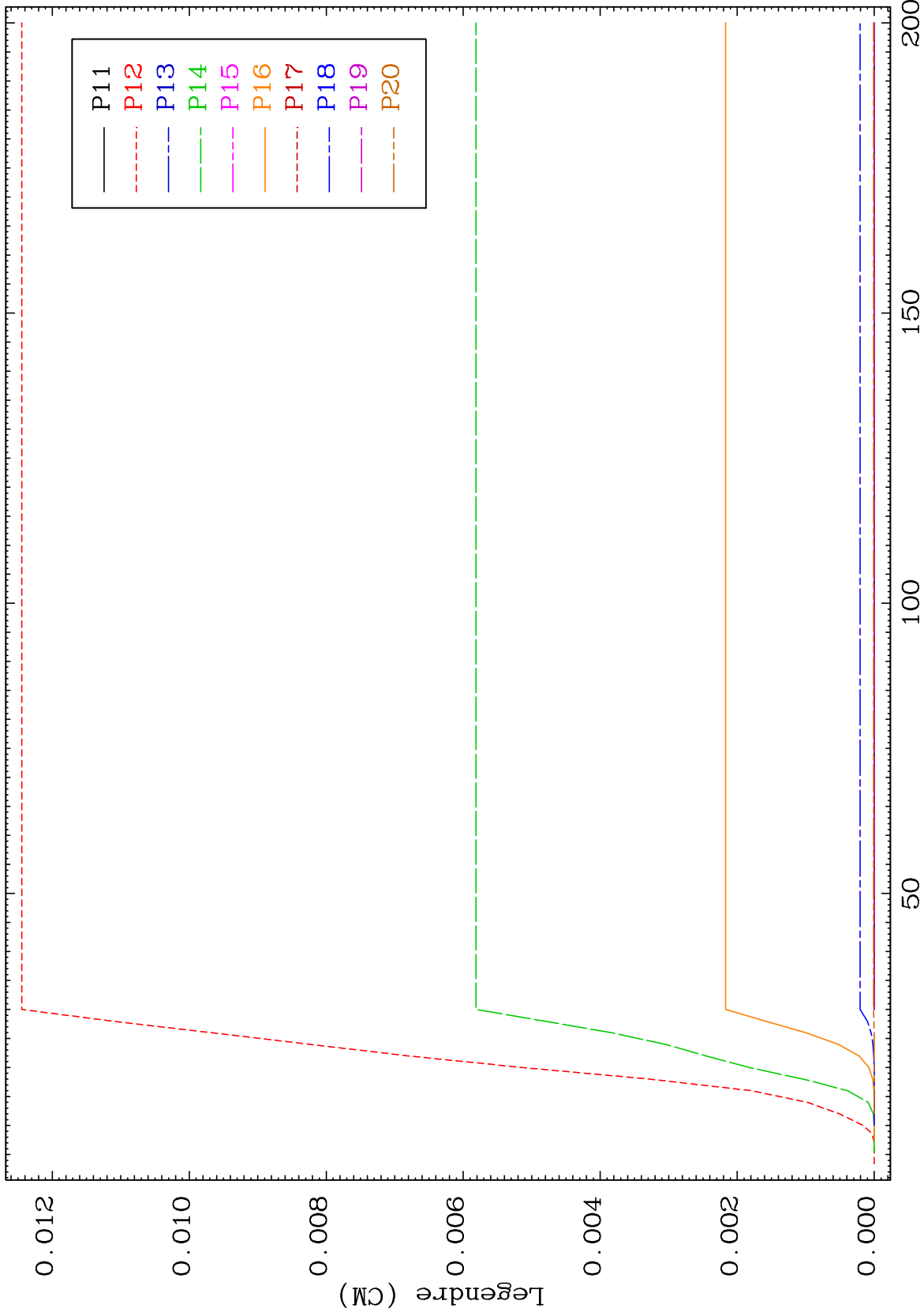
Incident Energy (MeV)

96

MAT 4237

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

42-Mo-96



97

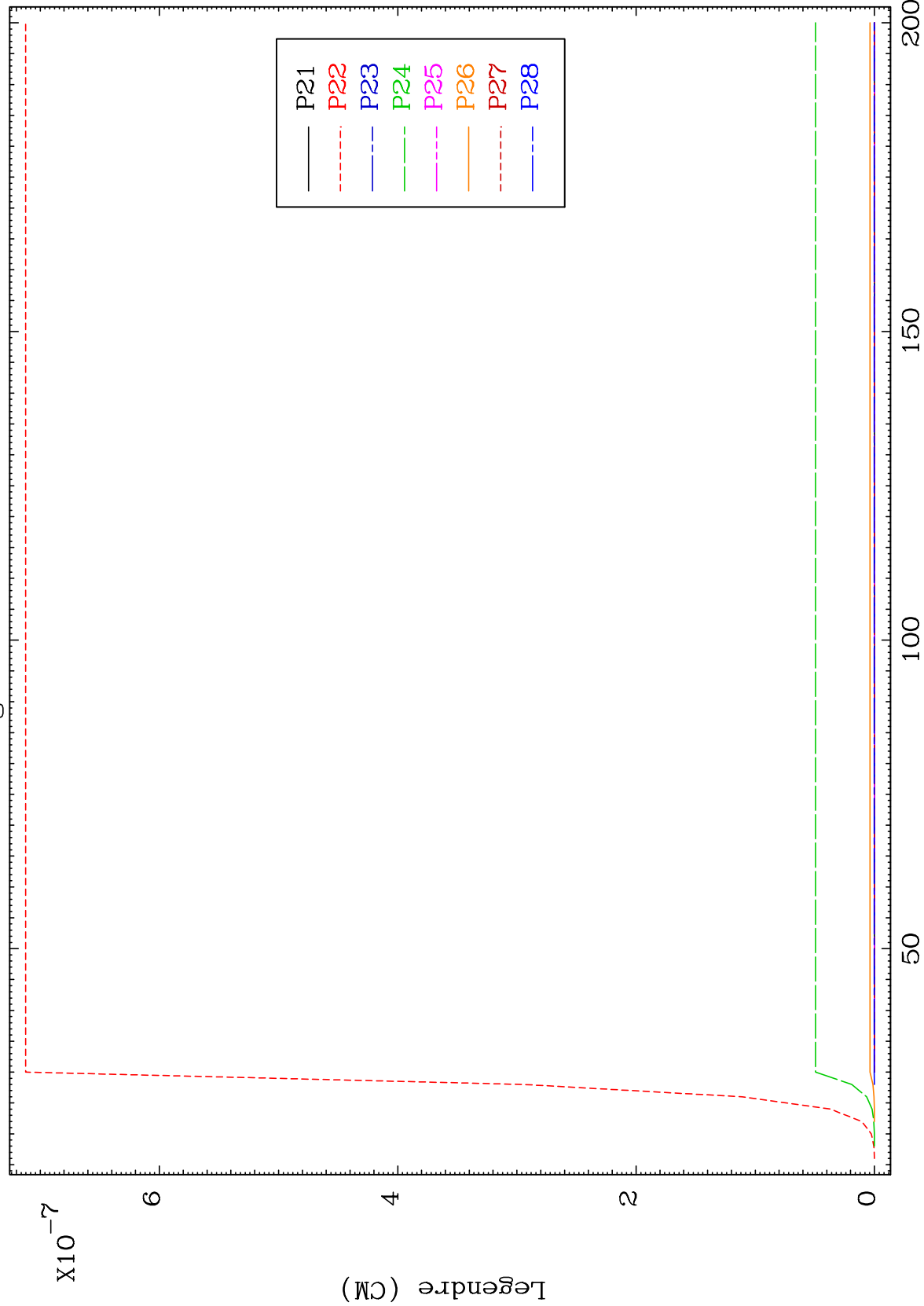
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



98

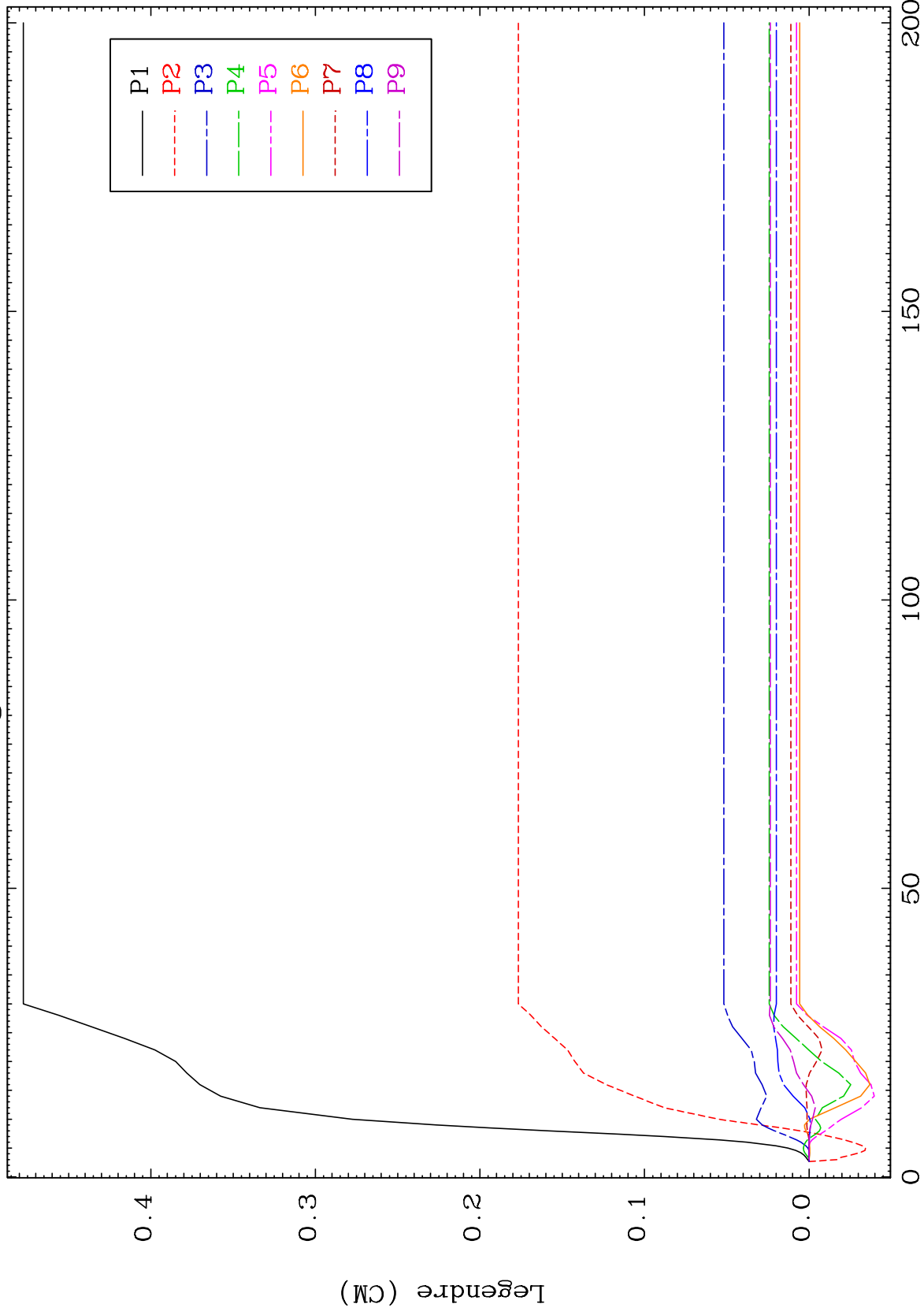
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



99

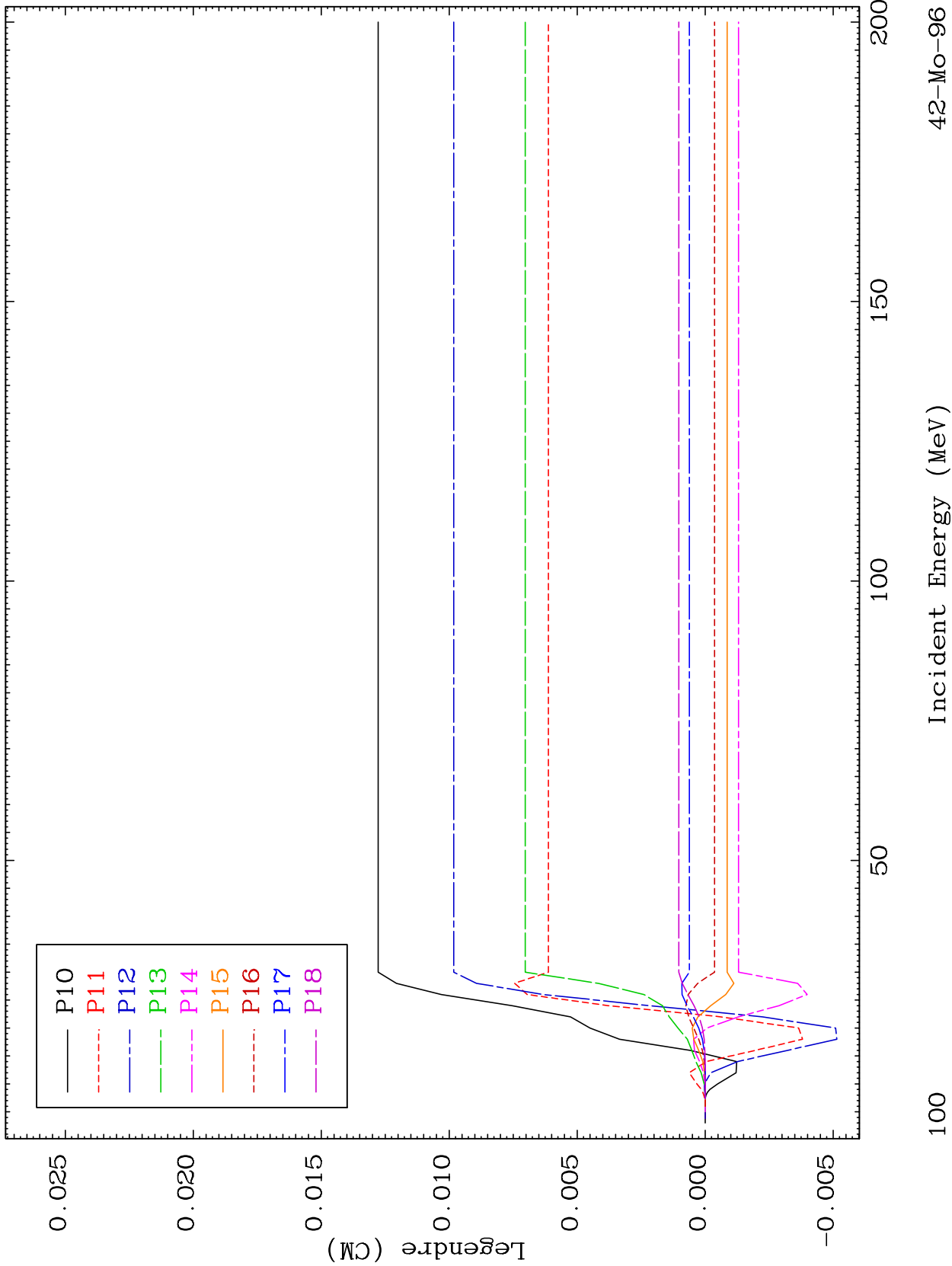
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



42-Mo-96

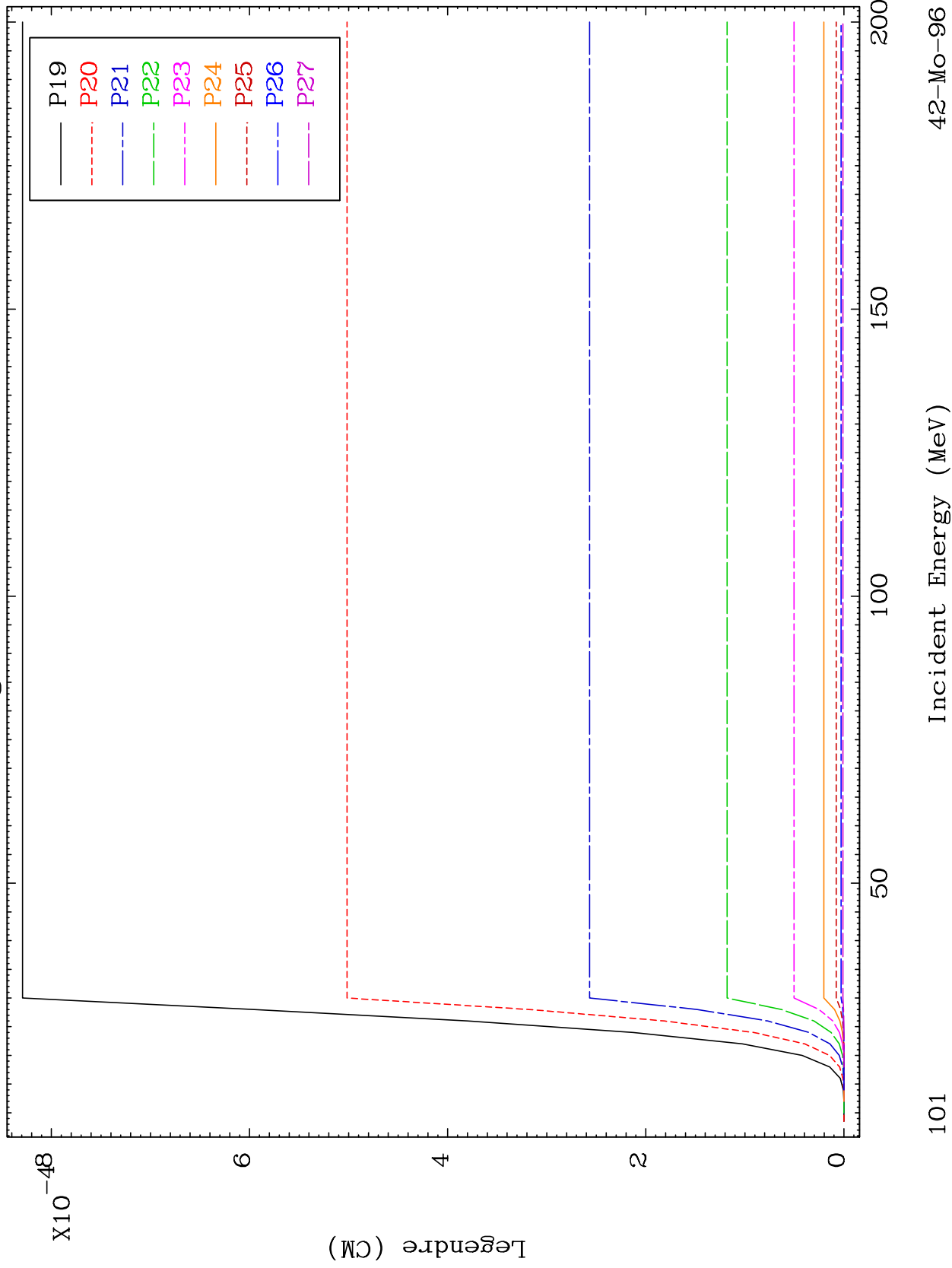
Incident Energy (MeV)

100

MAT 4237

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

42-Mo-96



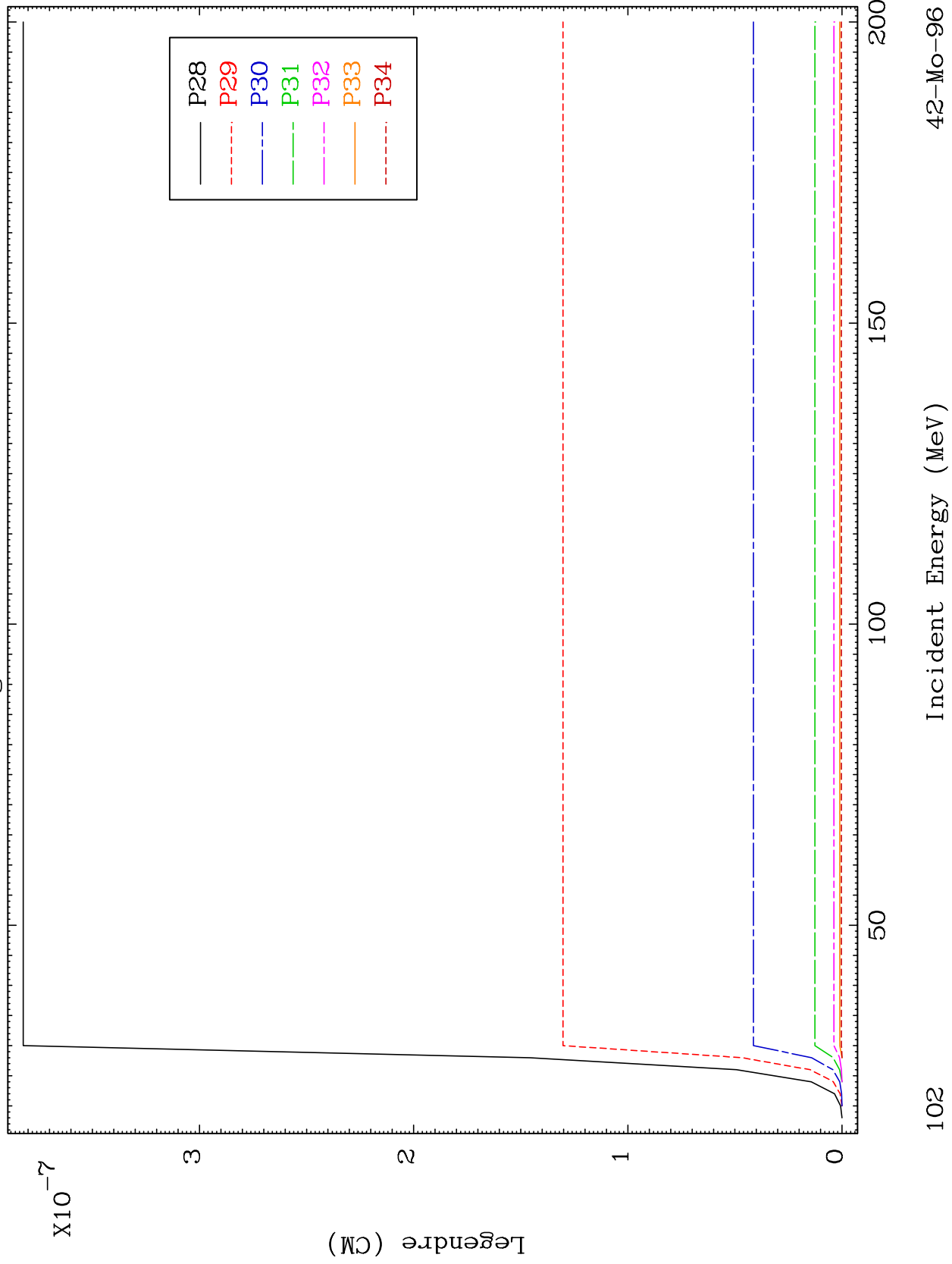
101

42-Mo-96

MAT 4237

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

42-Mo-96



42-Mo-96

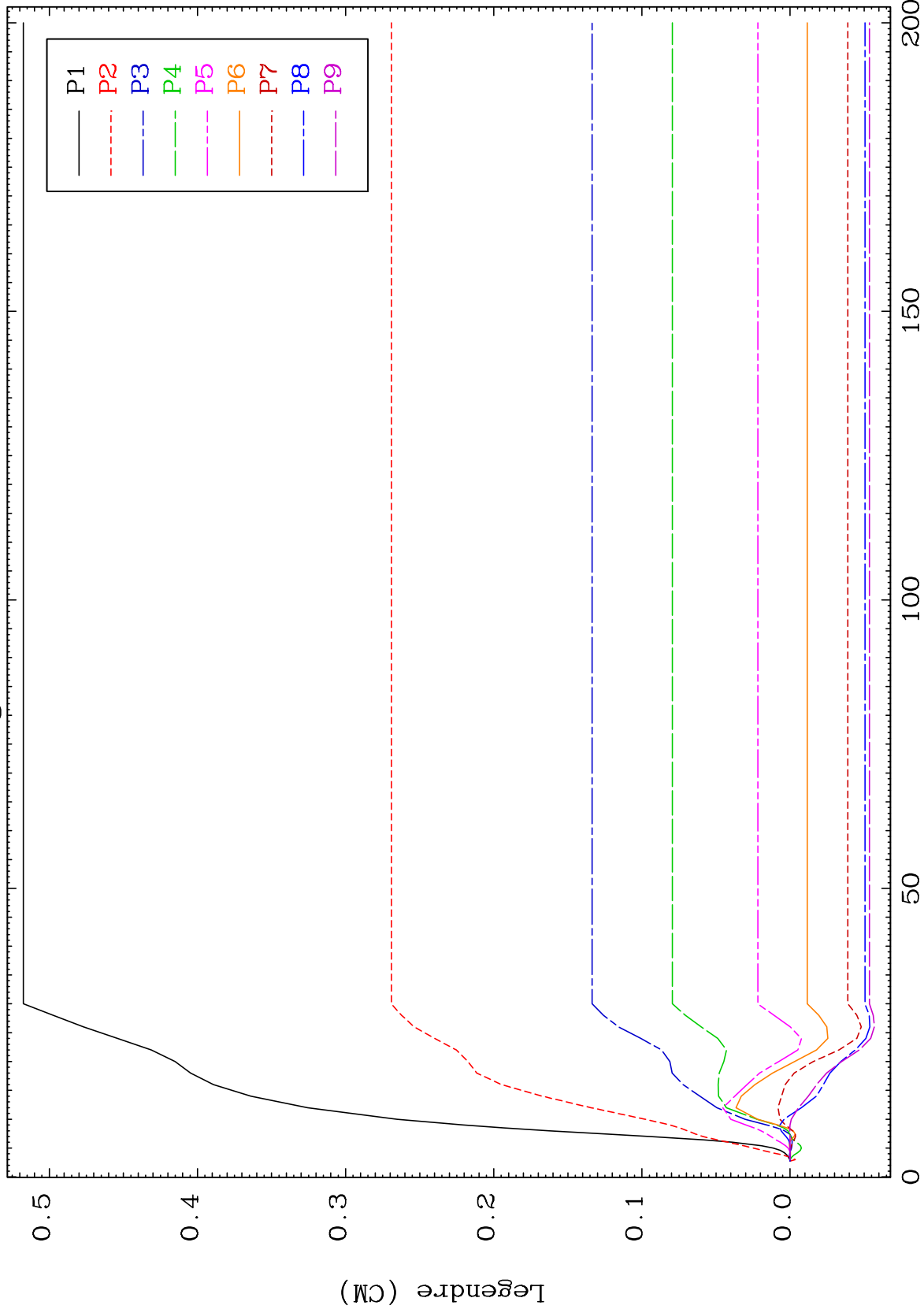
Incident Energy (MeV)

102

MAT 4237

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

42-Mo-96



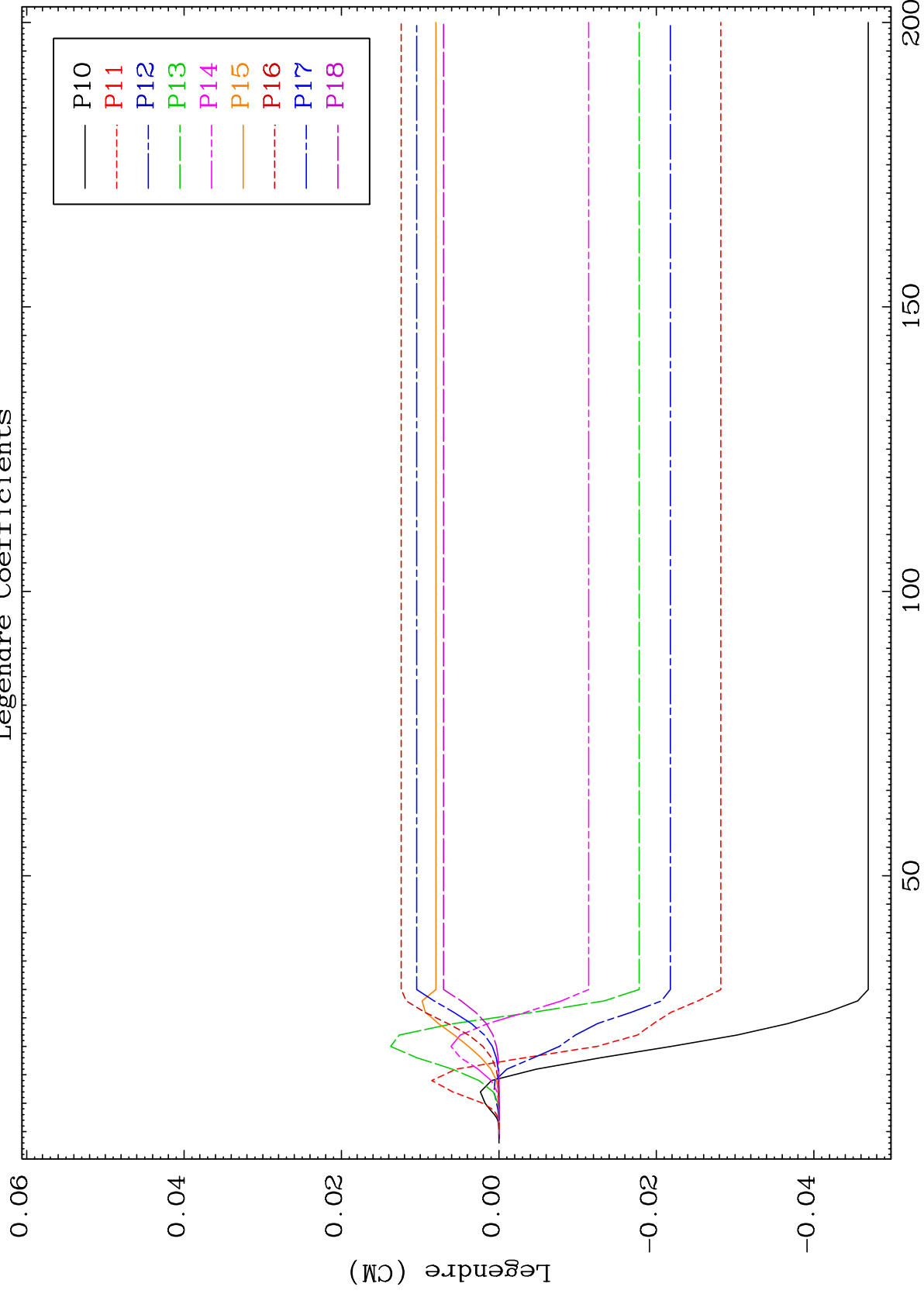
103

42-Mo-96

MAT 4237

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

42-Mo-96



104

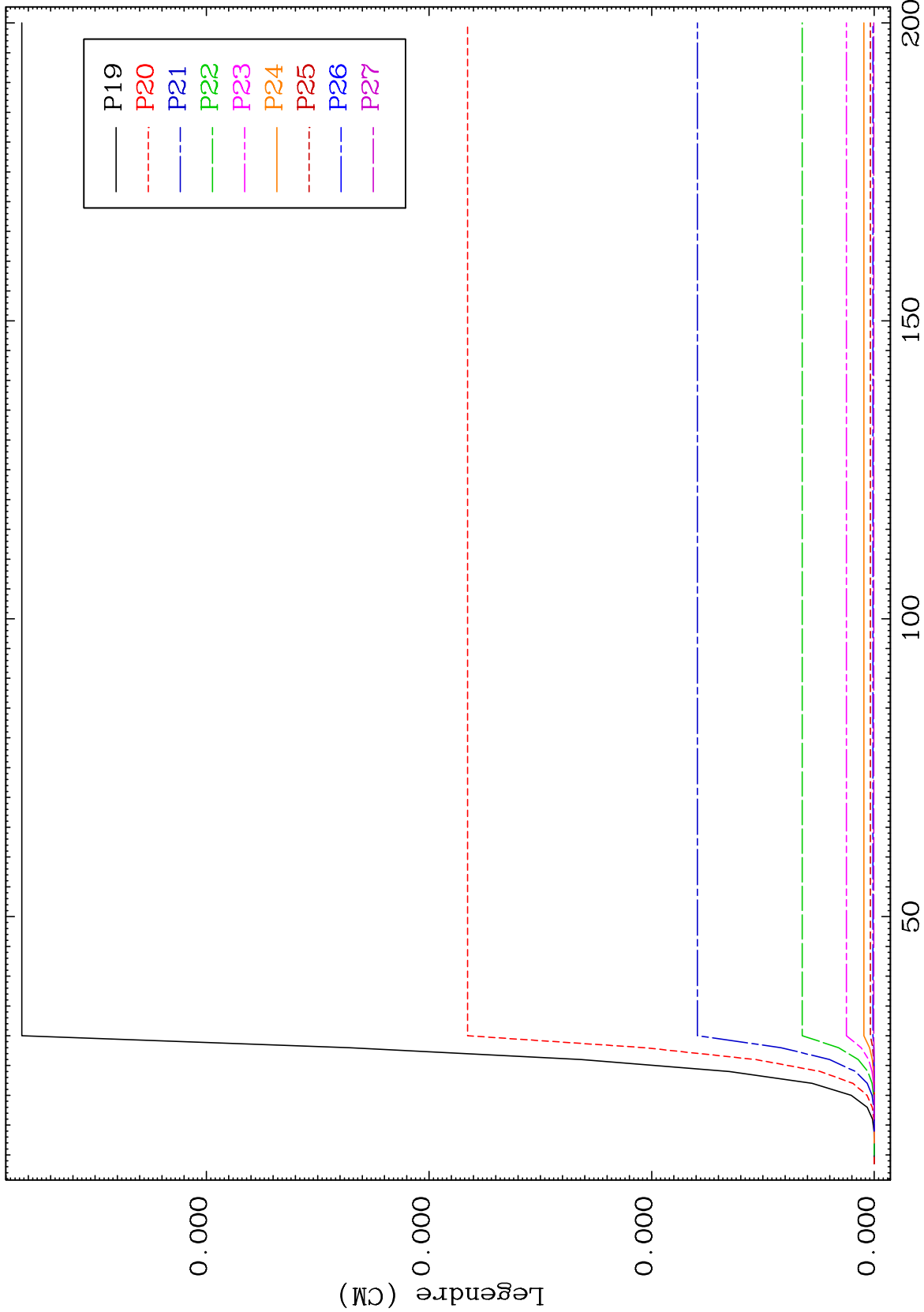
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



105

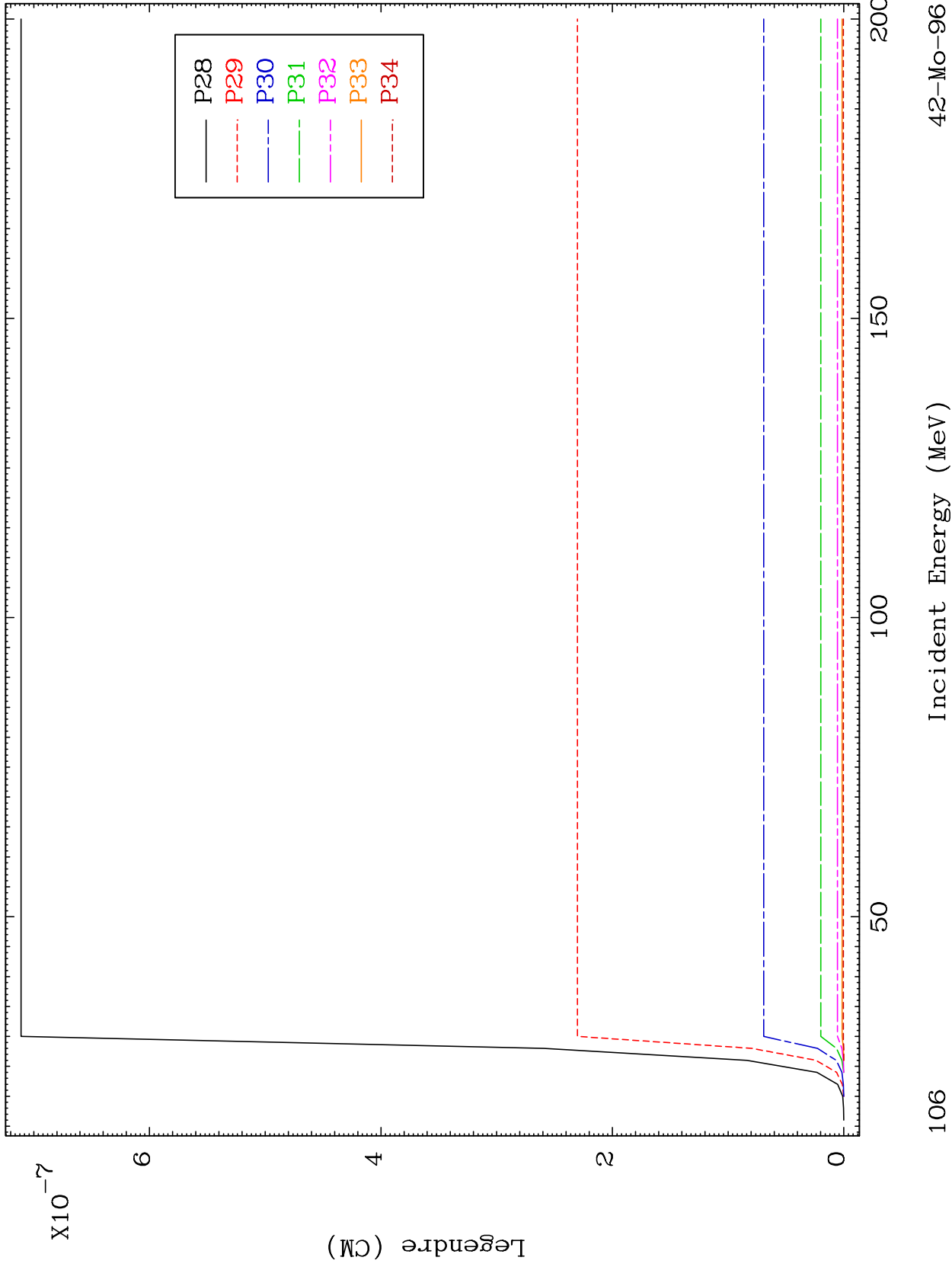
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

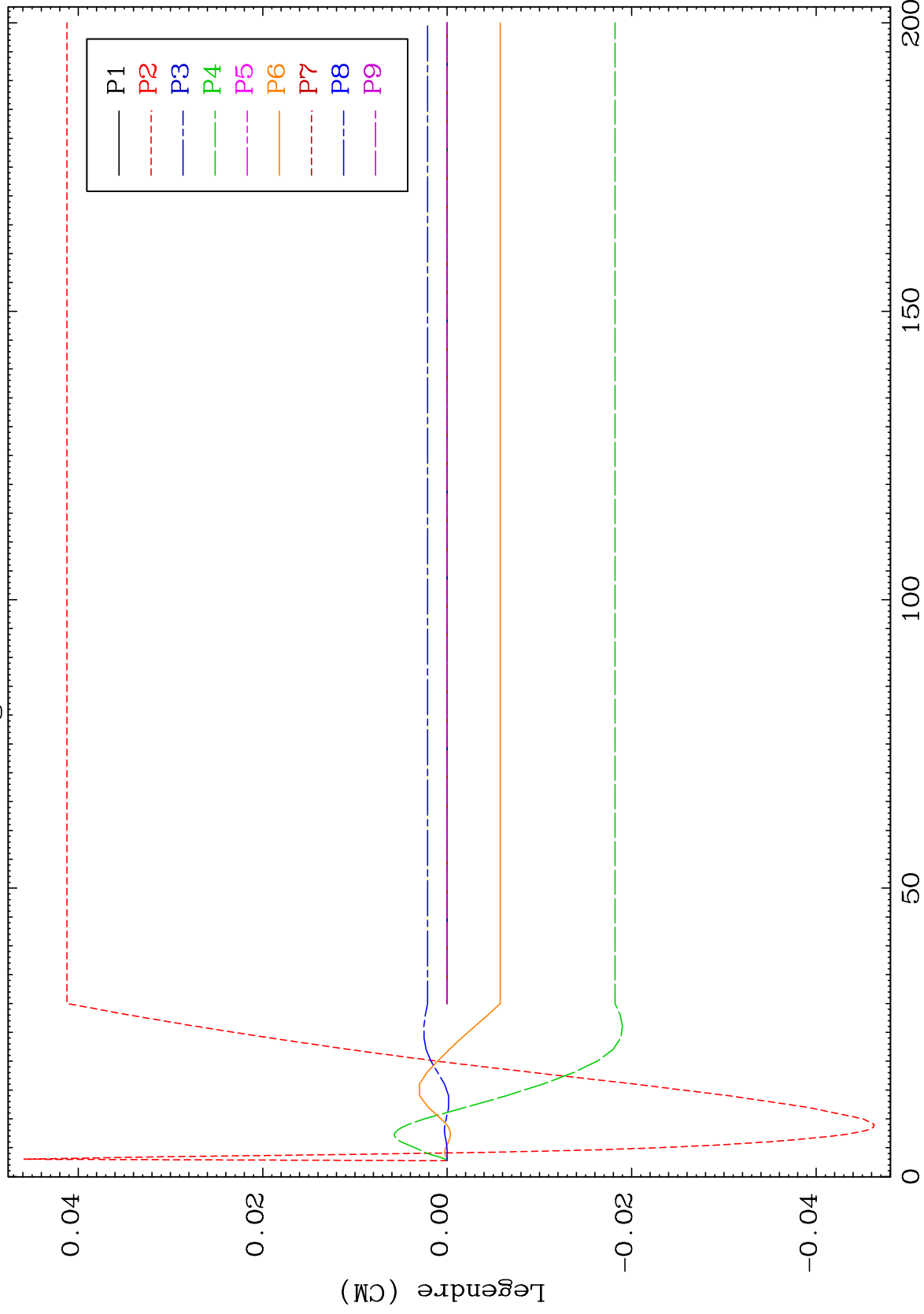
42-Mo-96



MAT 4237

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

42-Mo-96



107

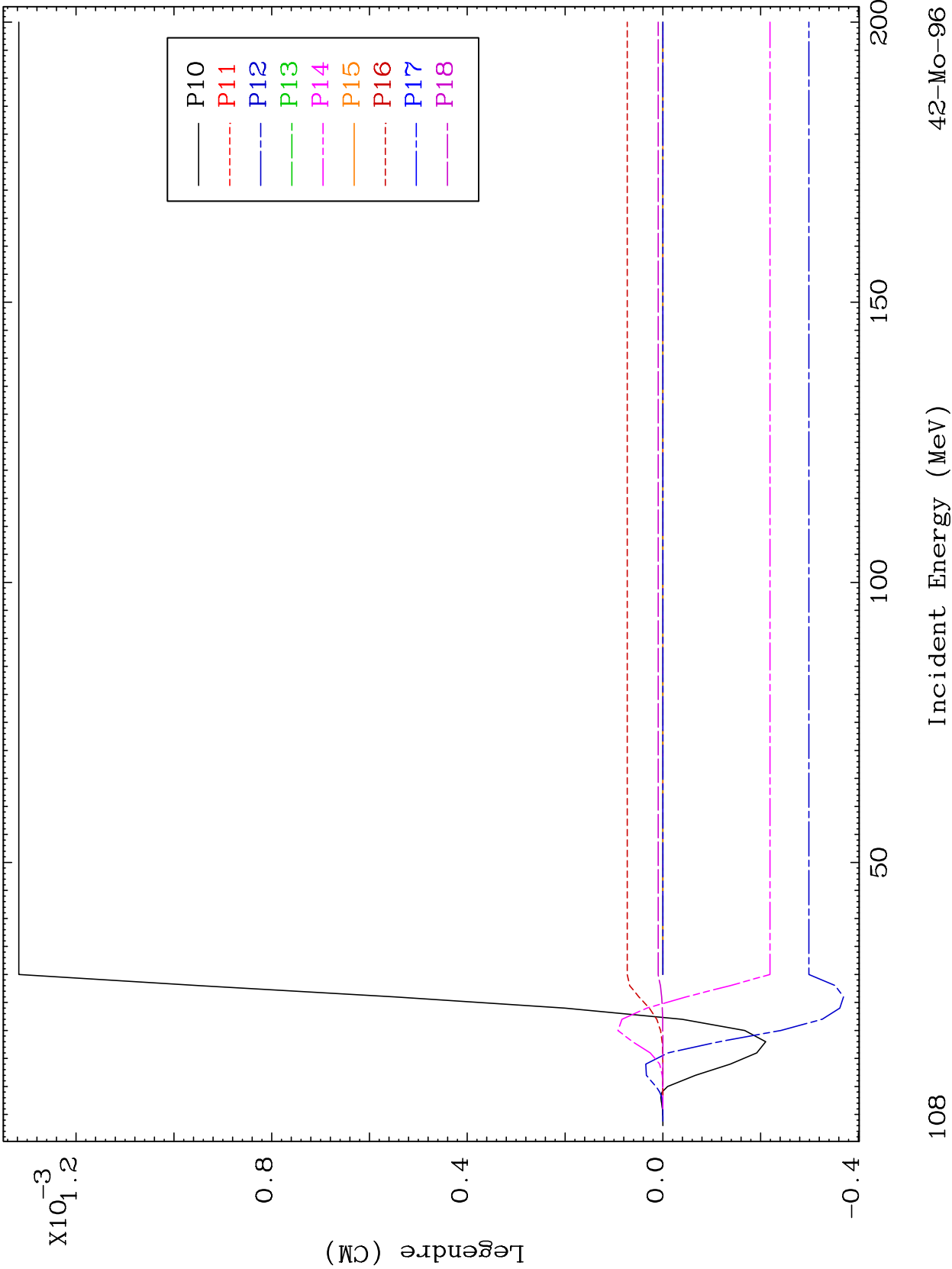
Incident Energy (MeV)

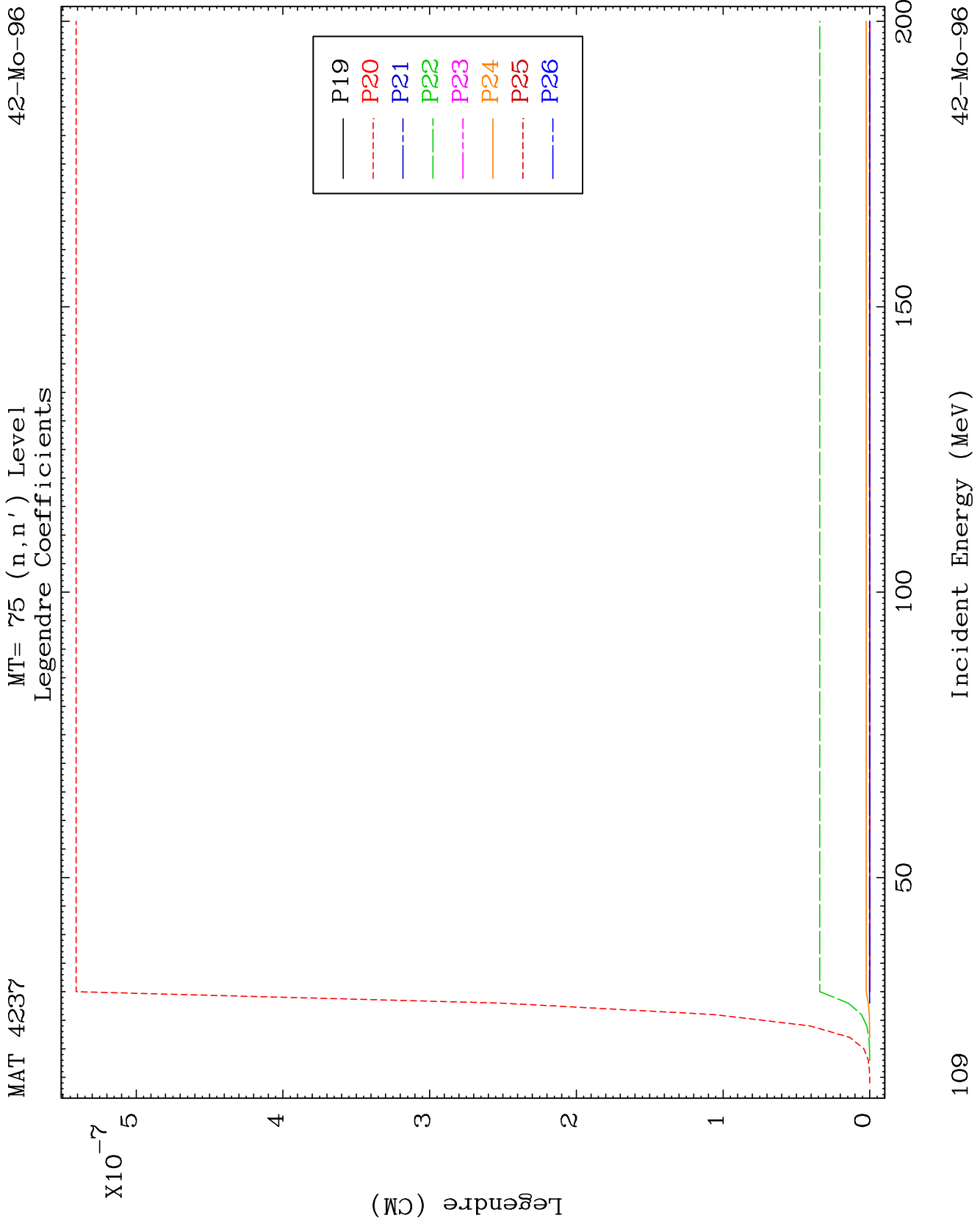
42-Mo-96

MAT 4237

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

42-Mo-96

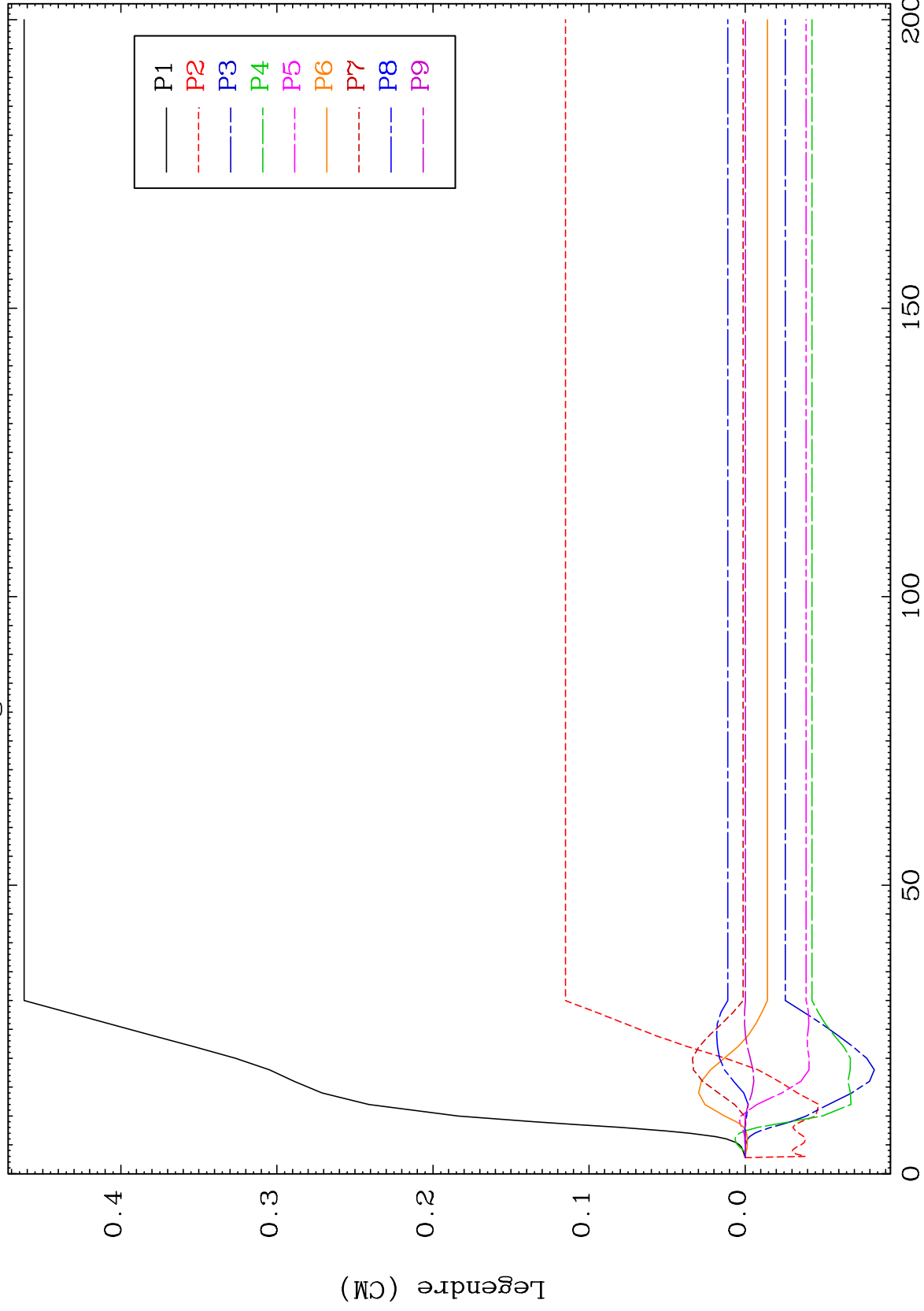




MAT 4237

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

42-Mo-96



42-Mo-96

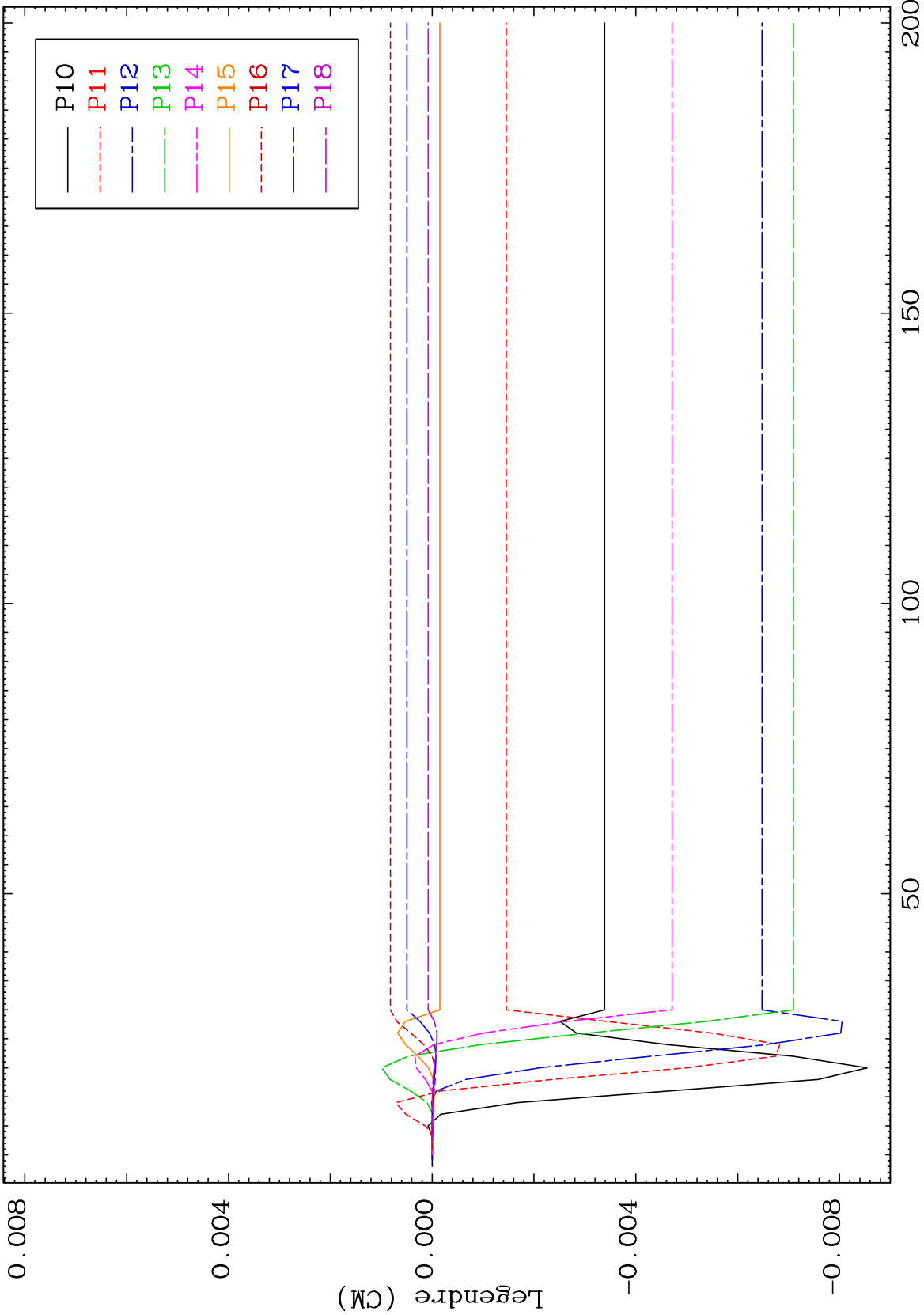
Incident Energy (MeV)

110

MAT 4237

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

42-Mo-96



111

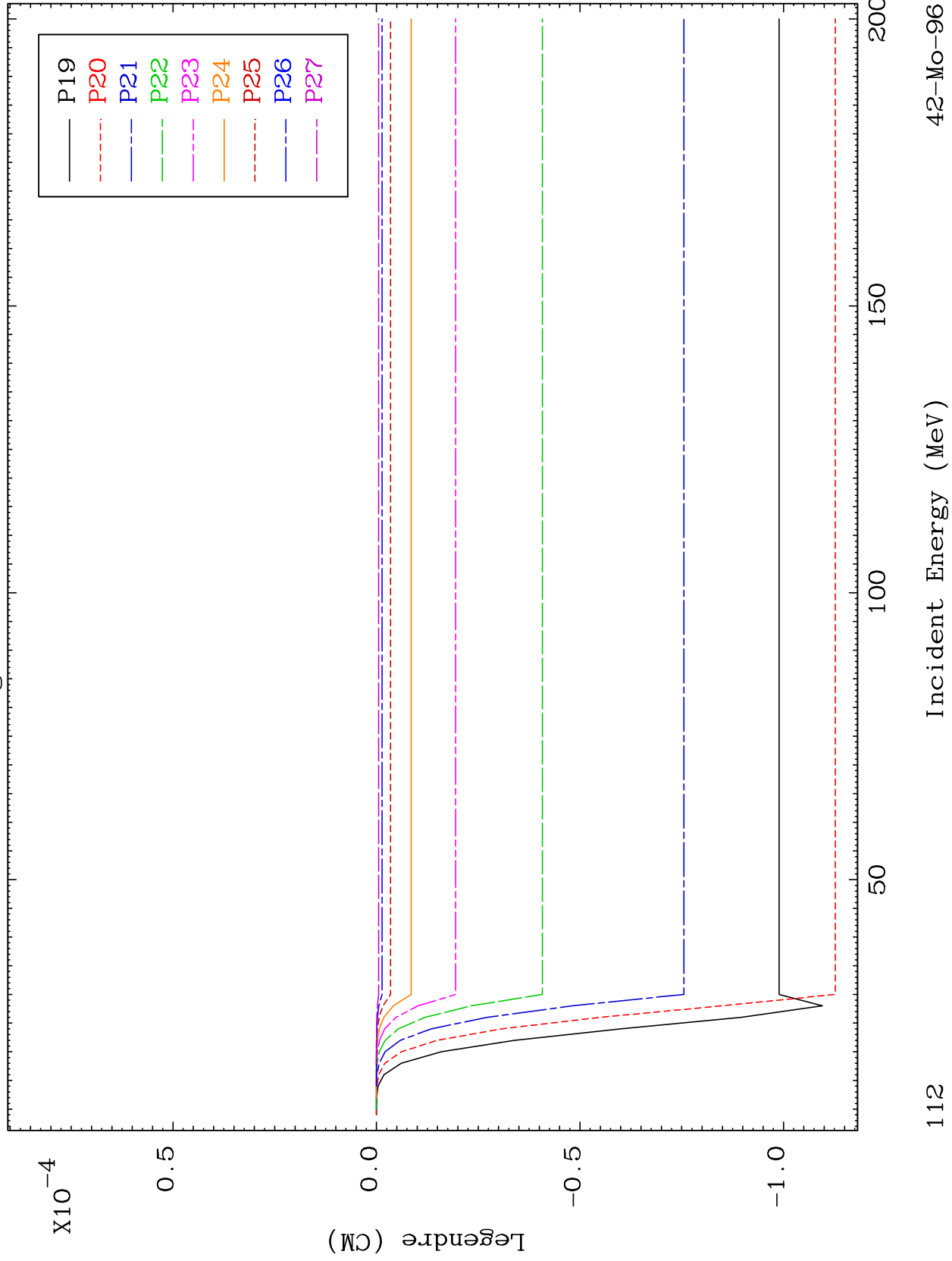
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



112

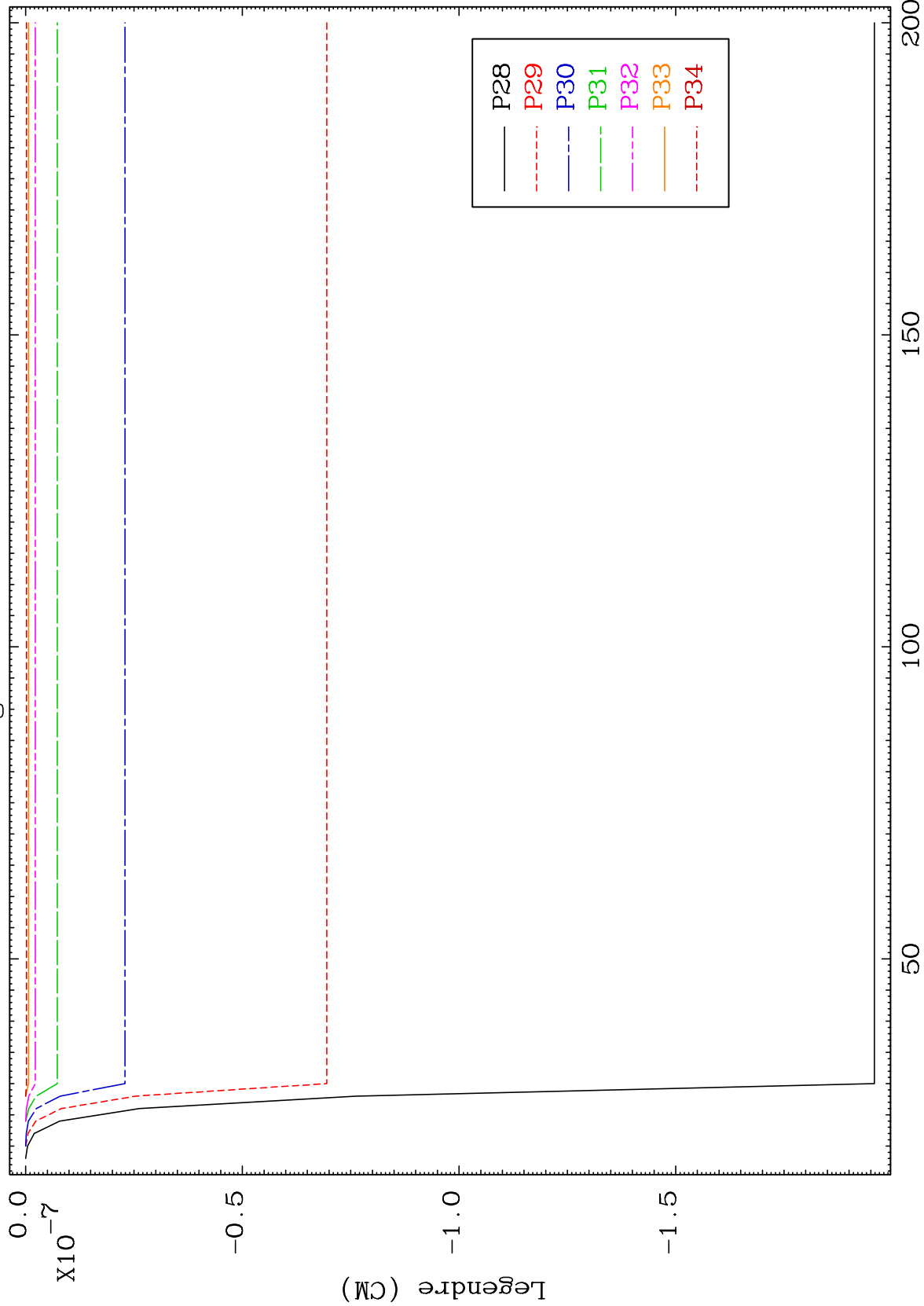
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



113

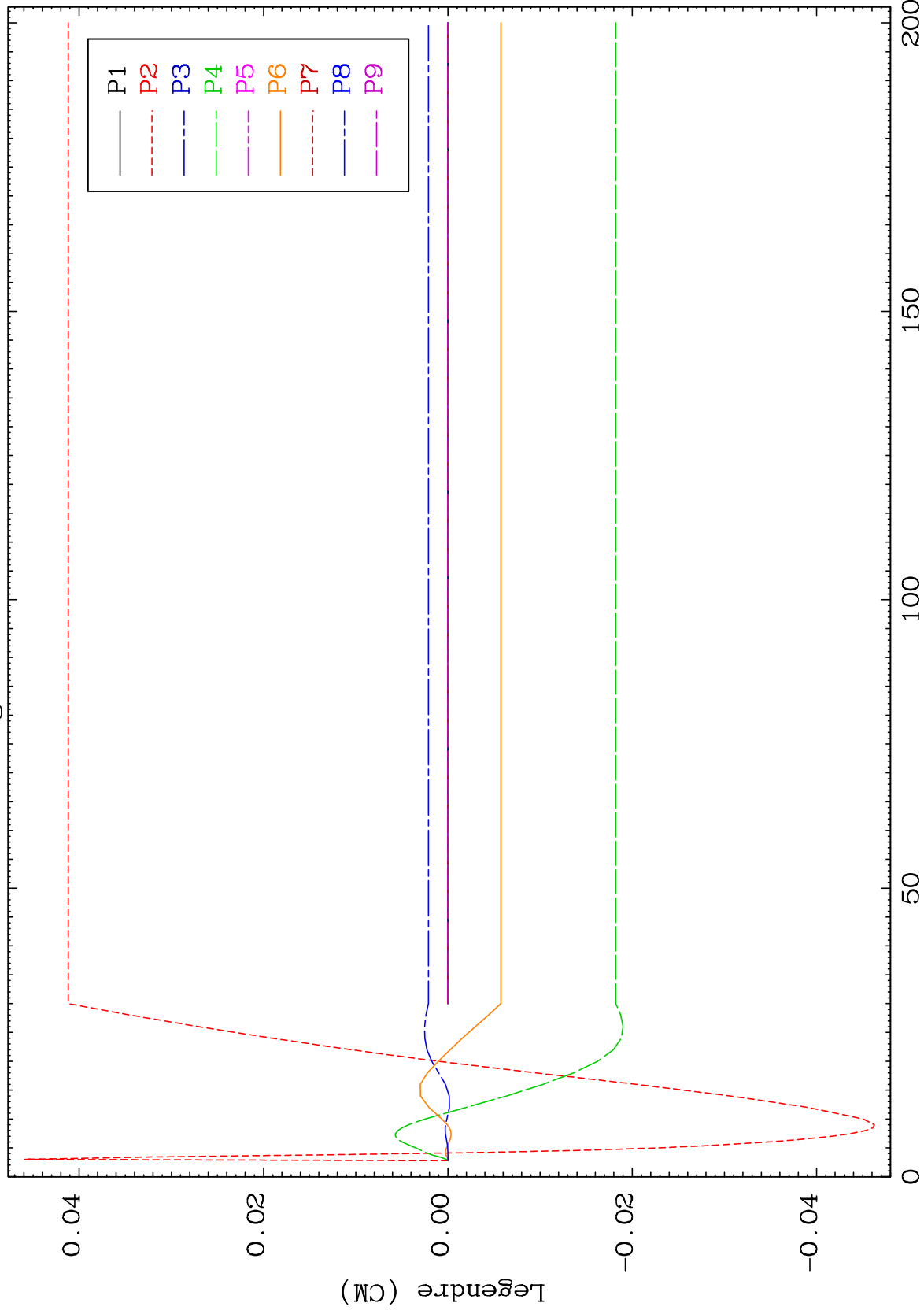
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

42-Mo-96



114

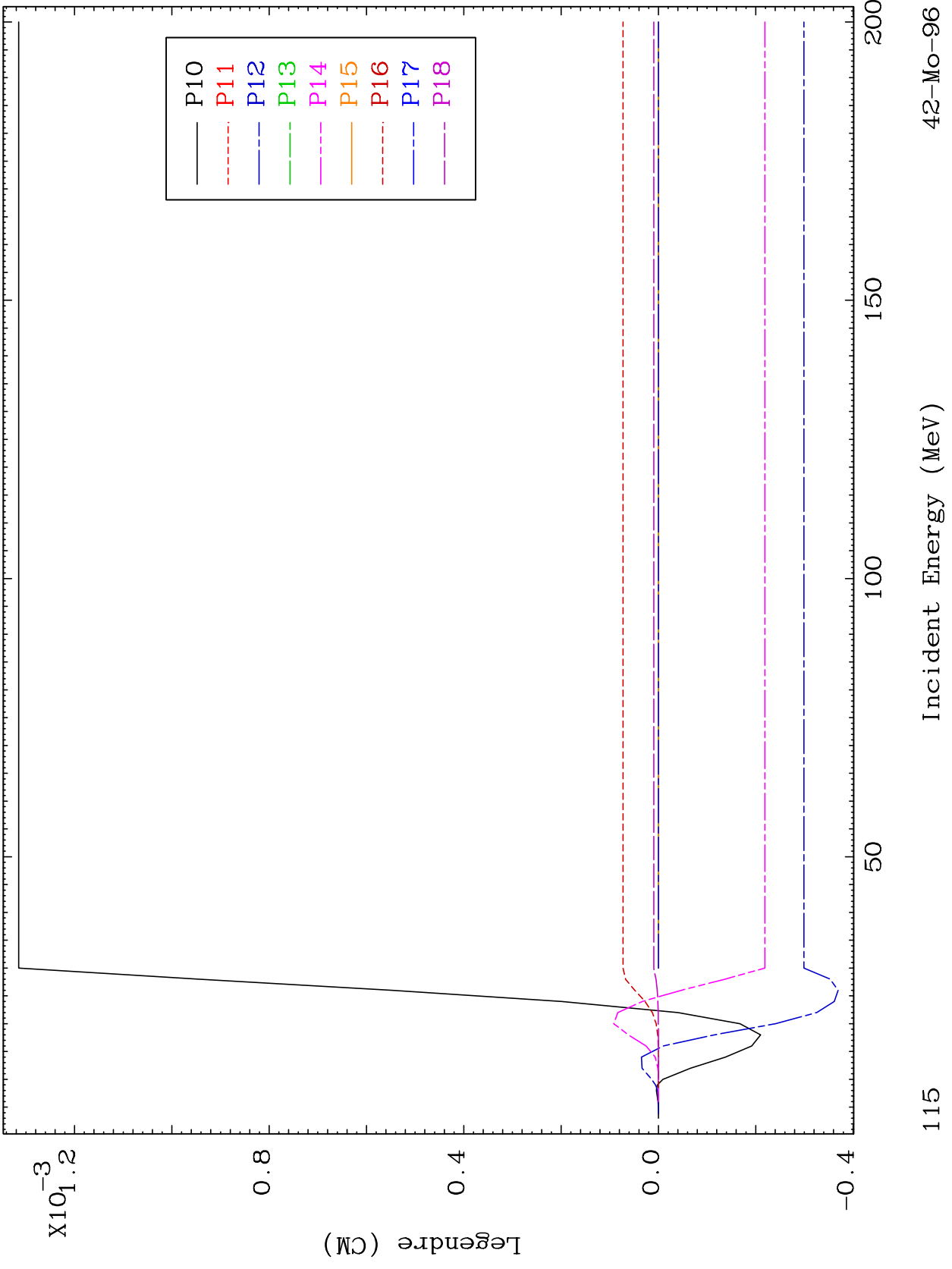
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

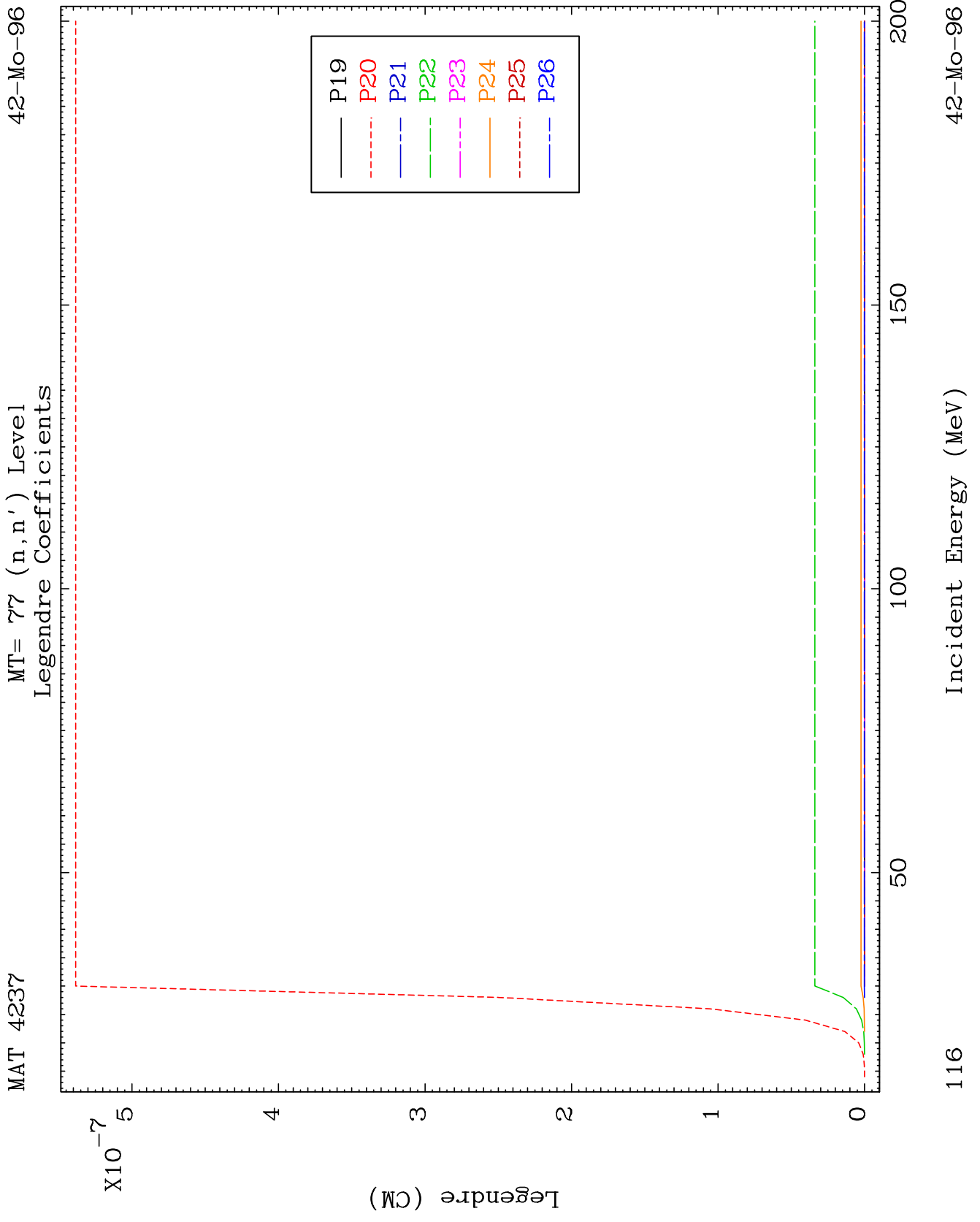
42-Mo-96



42-Mo-96

Incident Energy (MeV)

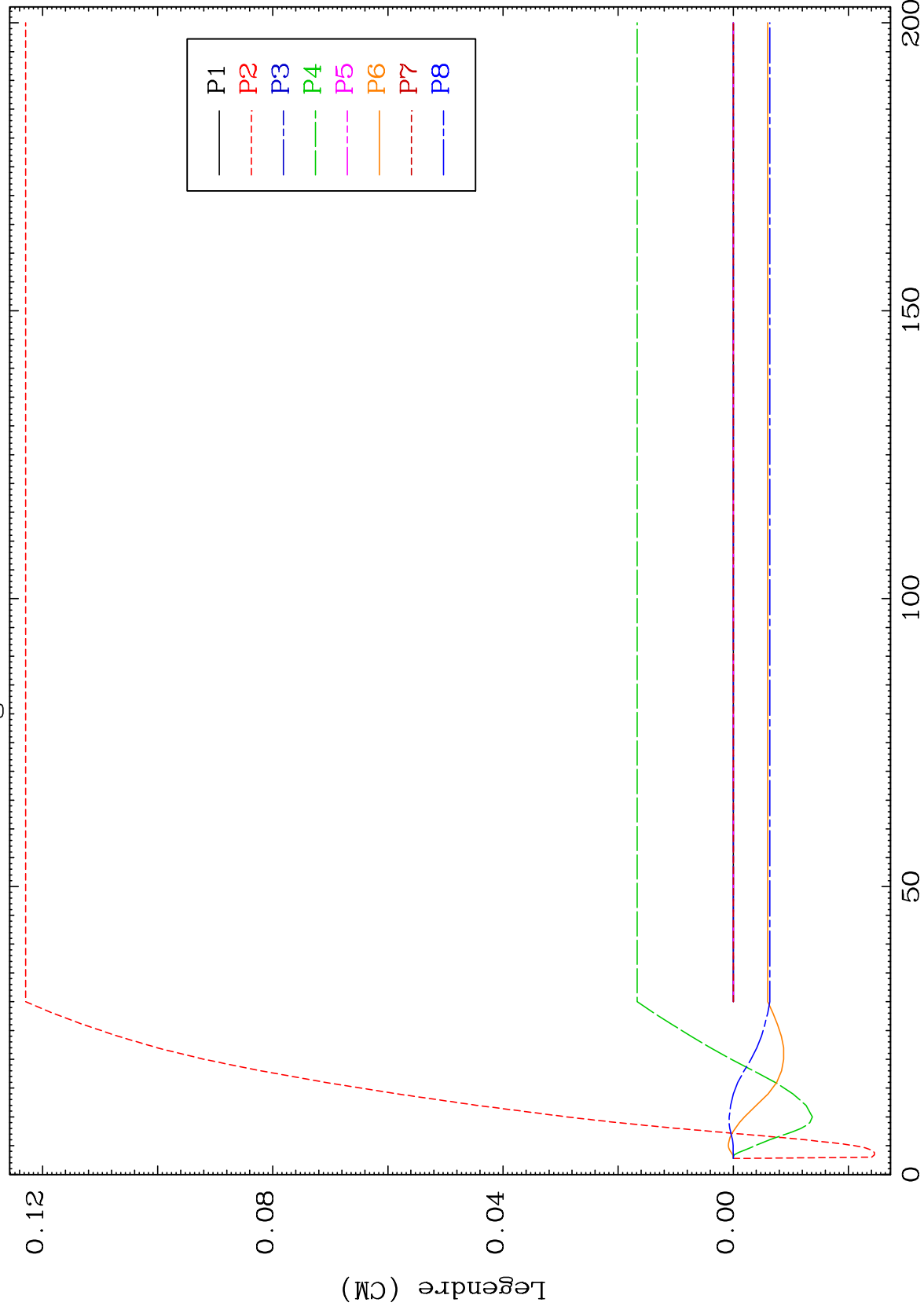
115



MAT 4237

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

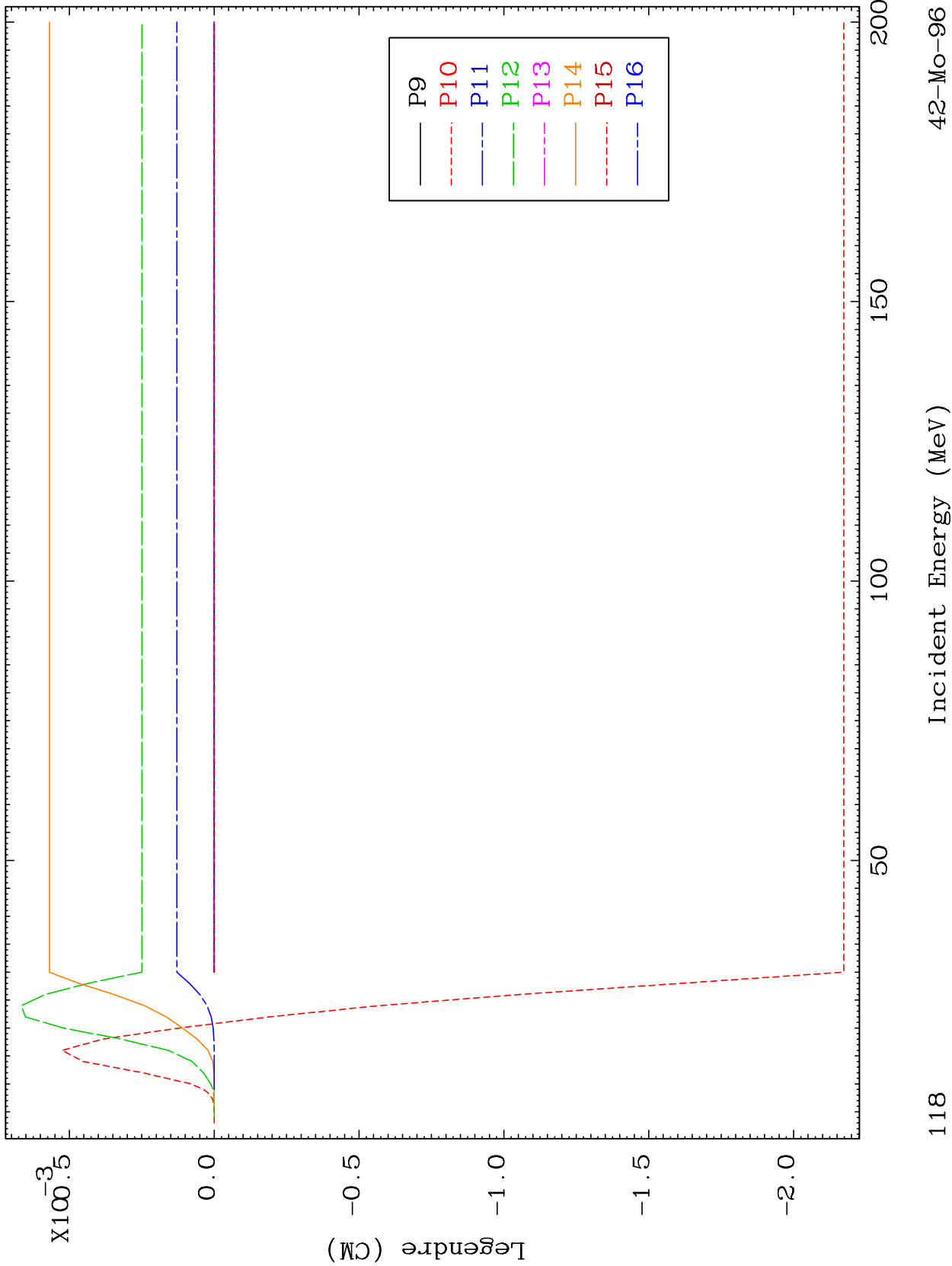
42-Mo-96

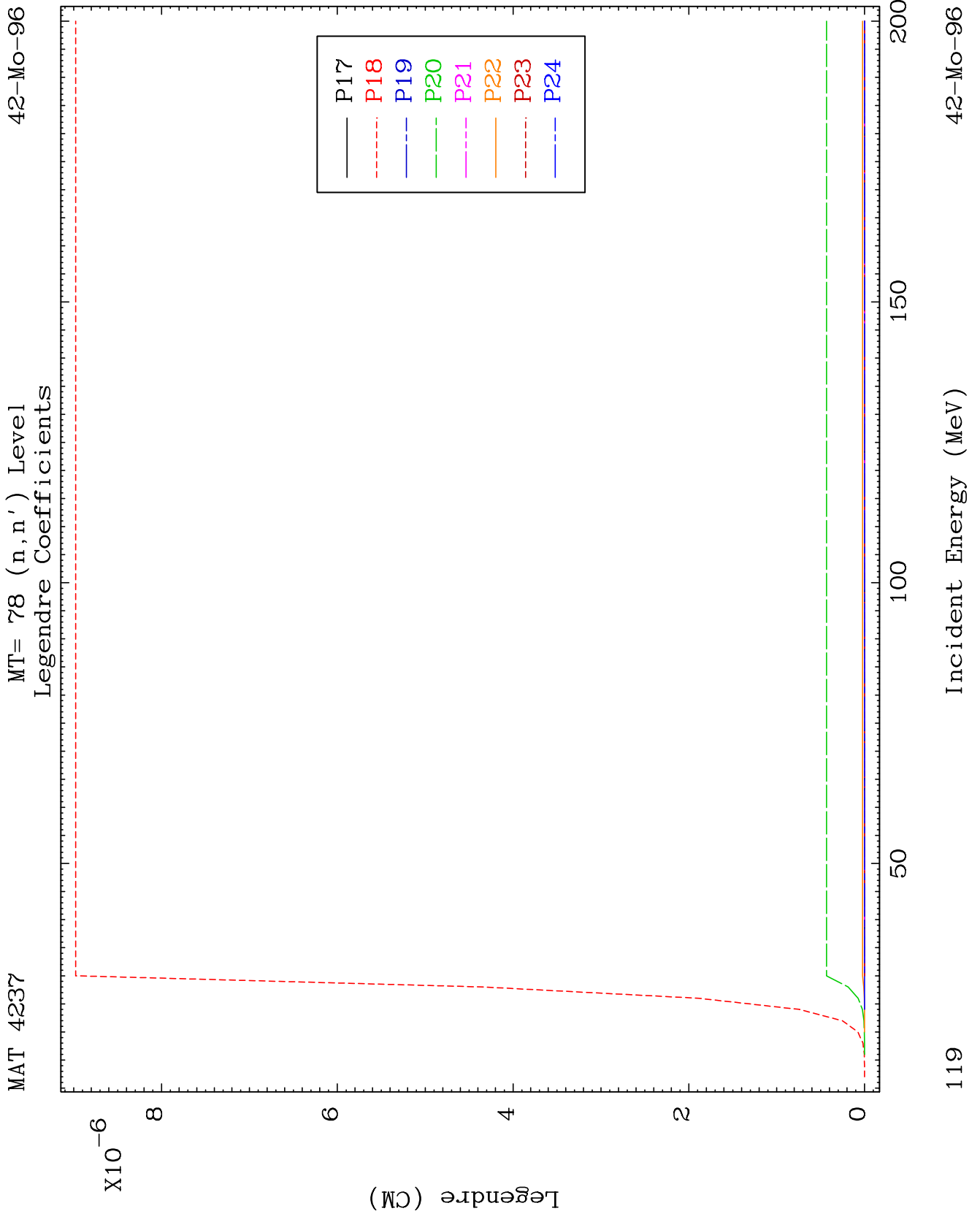


42-Mo-96

Incident Energy (MeV)

117

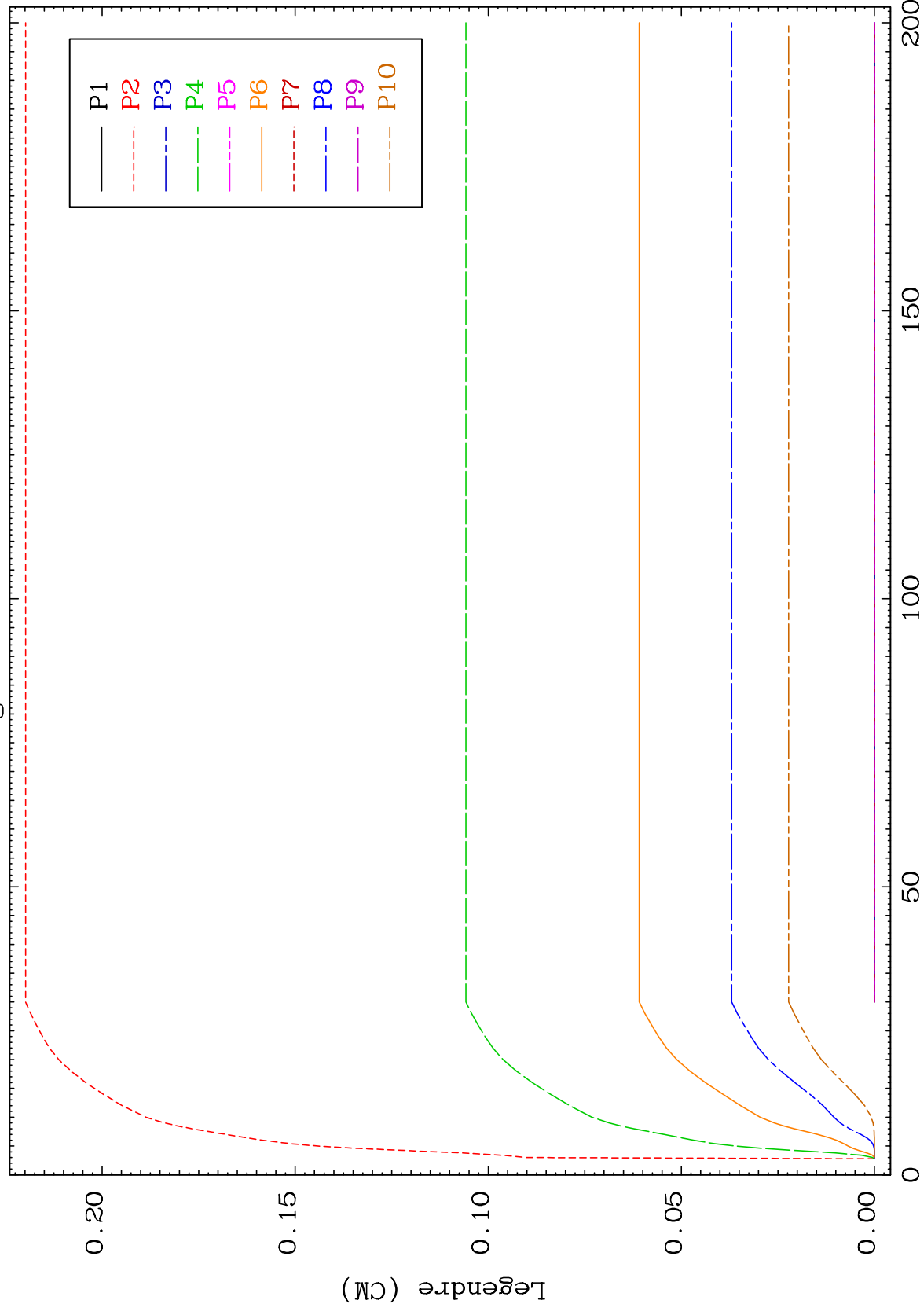




MAT 4237

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

42-Mo-96



42-Mo-96

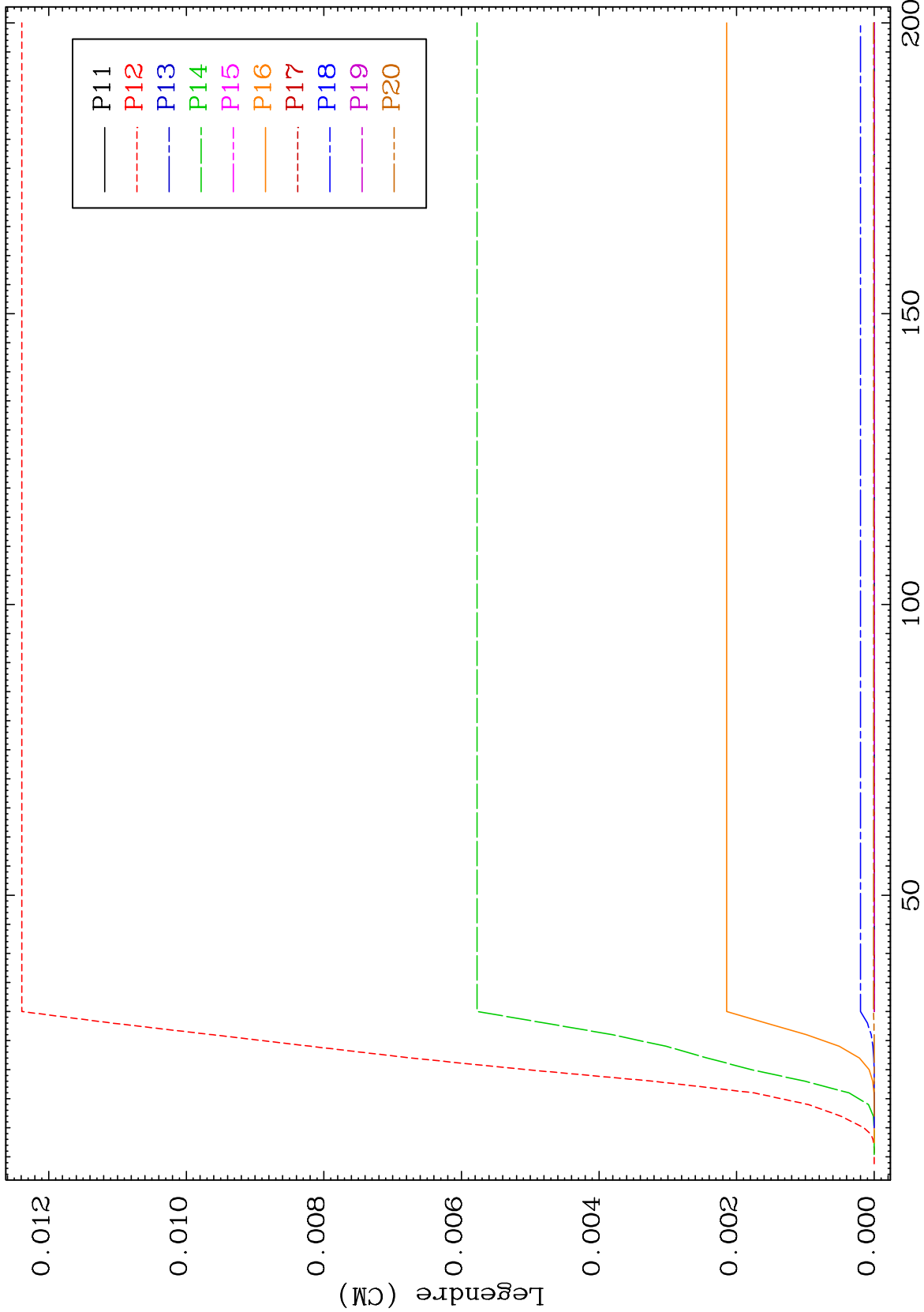
Incident Energy (MeV)

120

MAT 4237

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

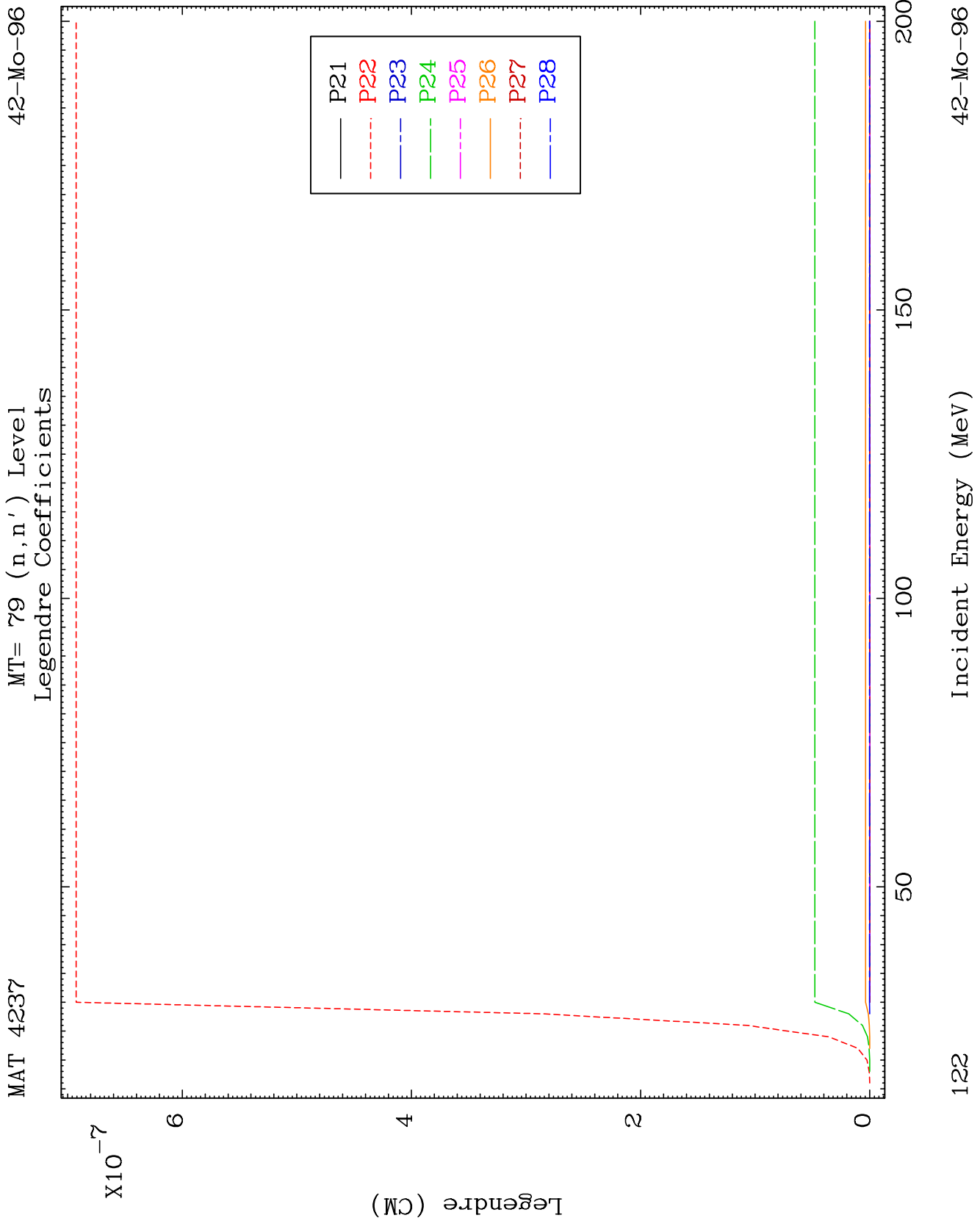
42-Mo-96



121

Incident Energy (MeV)

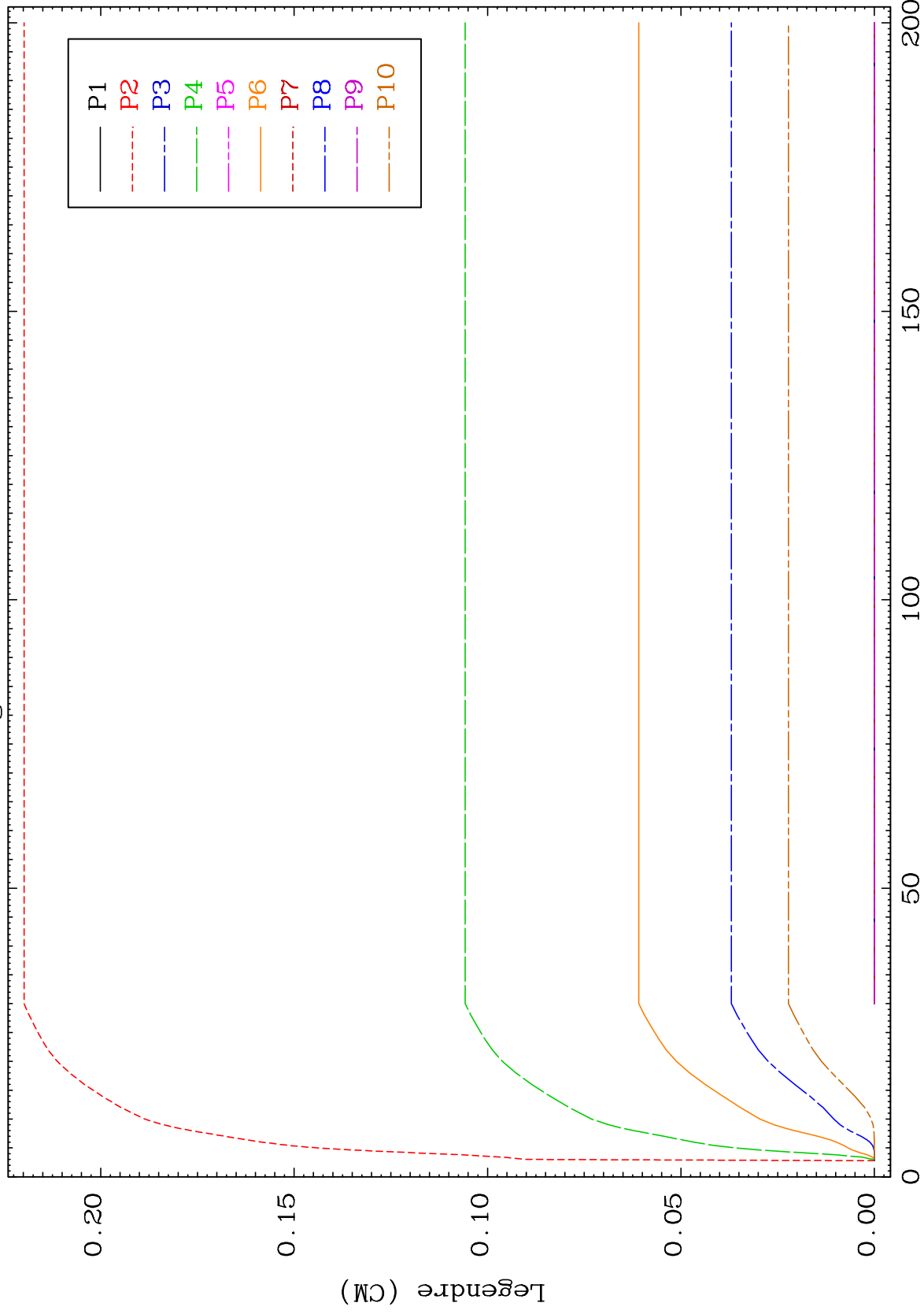
42-Mo-96



MAT 4237

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

42-Mo-96



123

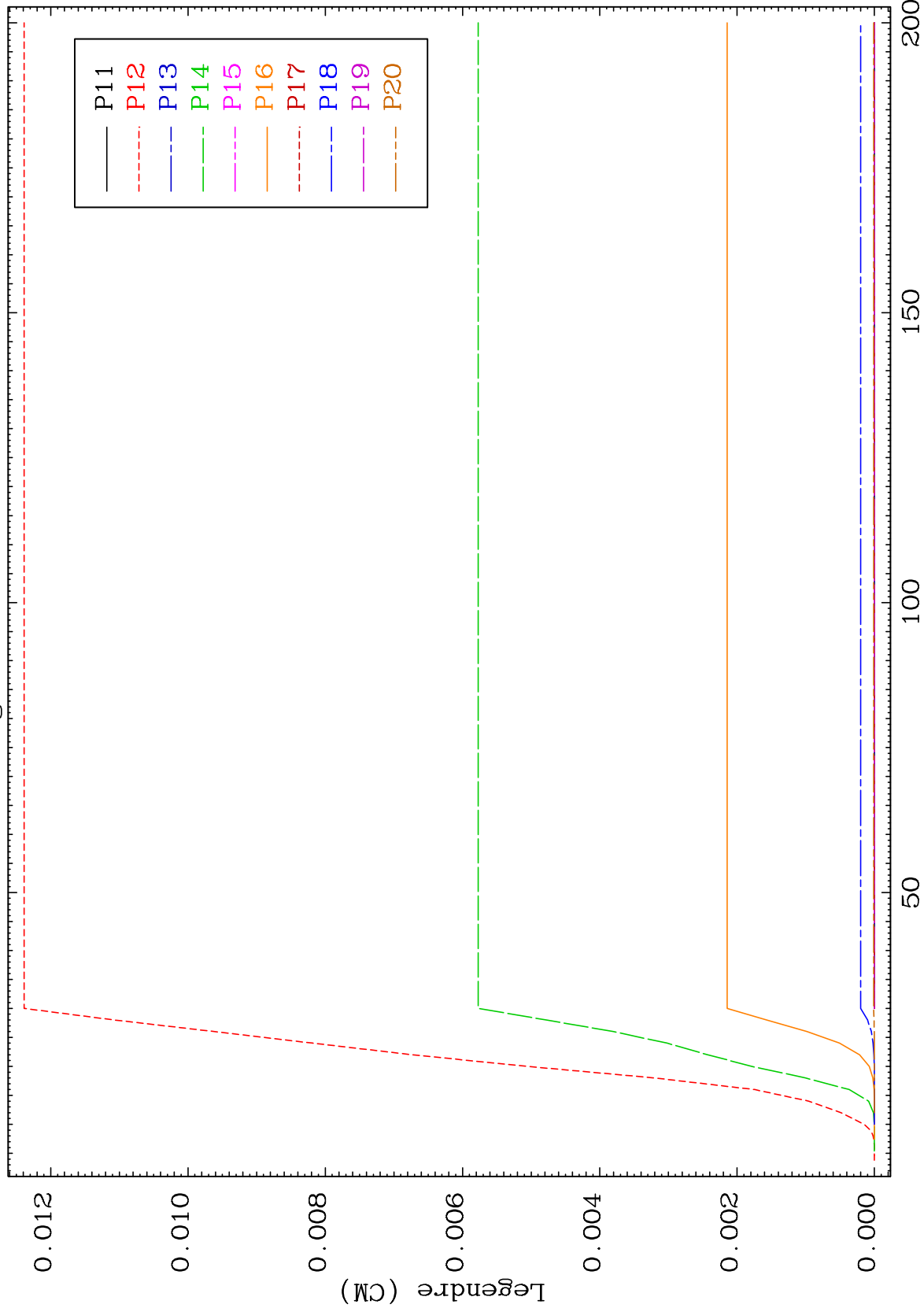
Incident Energy (MeV)

42-Mo-96

MAT 4237

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

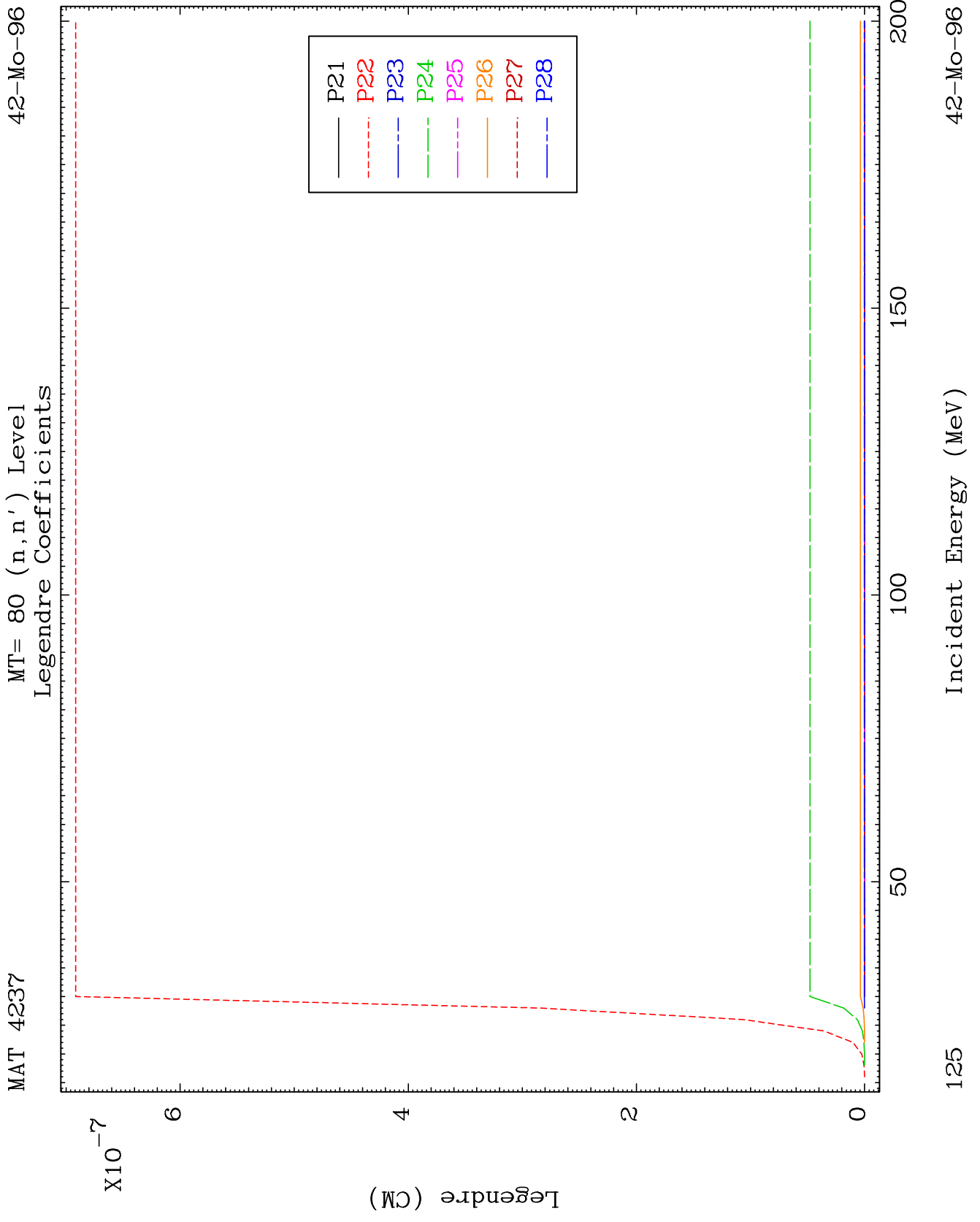
42-Mo-96



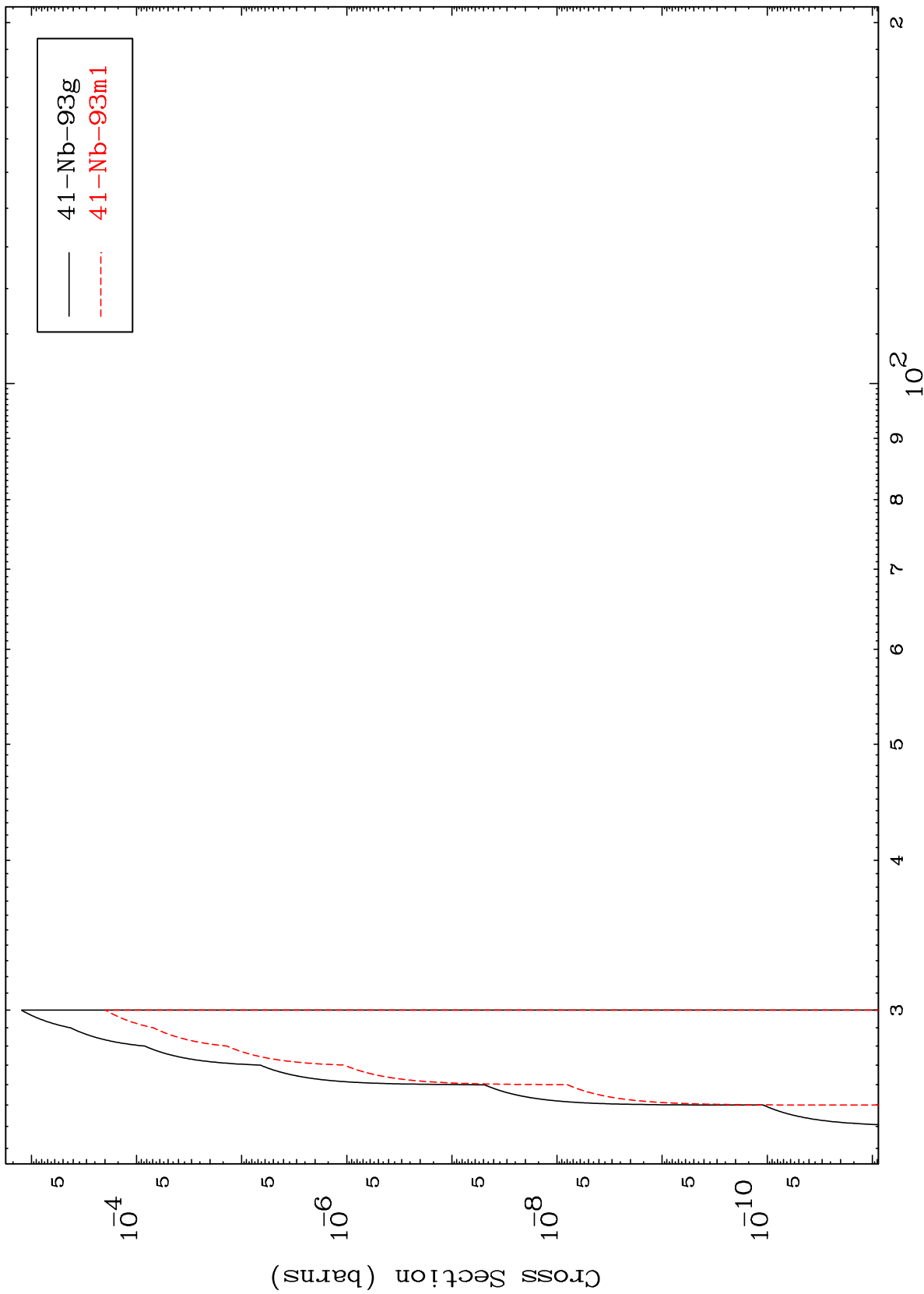
124

Incident Energy (MeV)

42-Mo-96



Radionuclide Production Cross Section

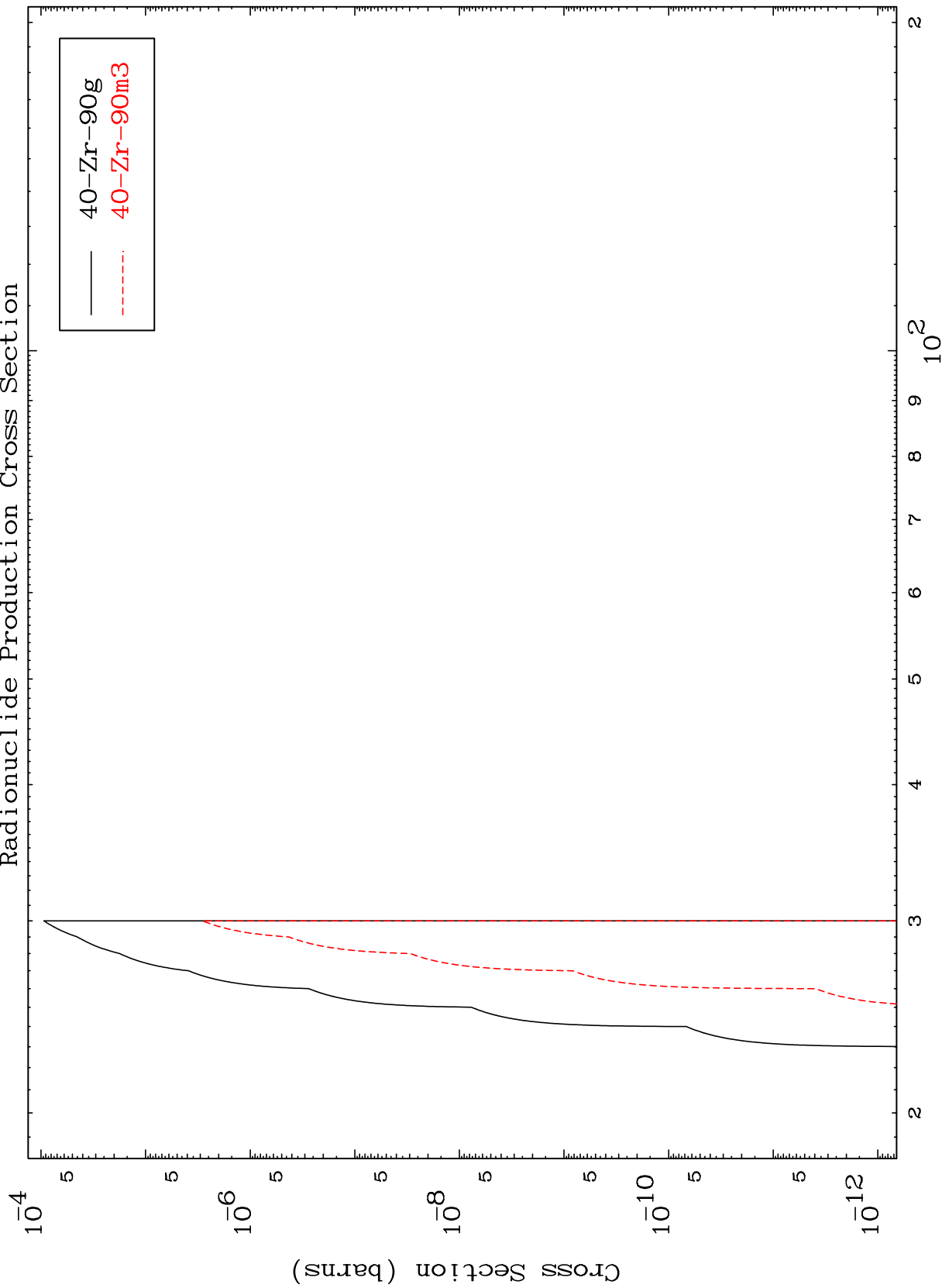


MAT 4237

(n,3n) α

42-Mo-96

Radionuclide Production Cross Section



40-Zr-90g
40-Zr-90m3

127

Incident Energy (MeV)

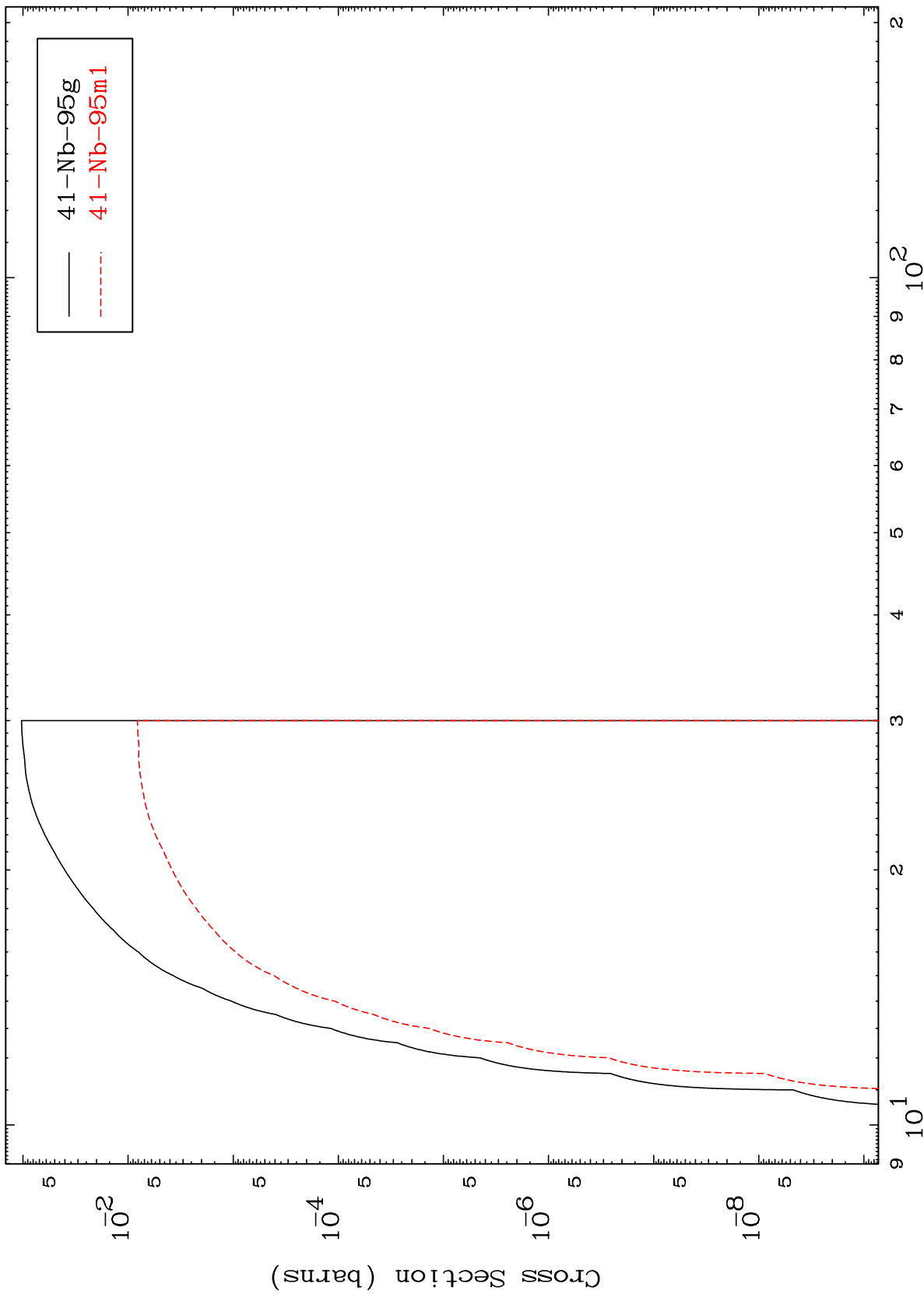
42-Mo-96

MAT 4237

(n,n') p

42-Mo-96

Radionuclide Production Cross Section

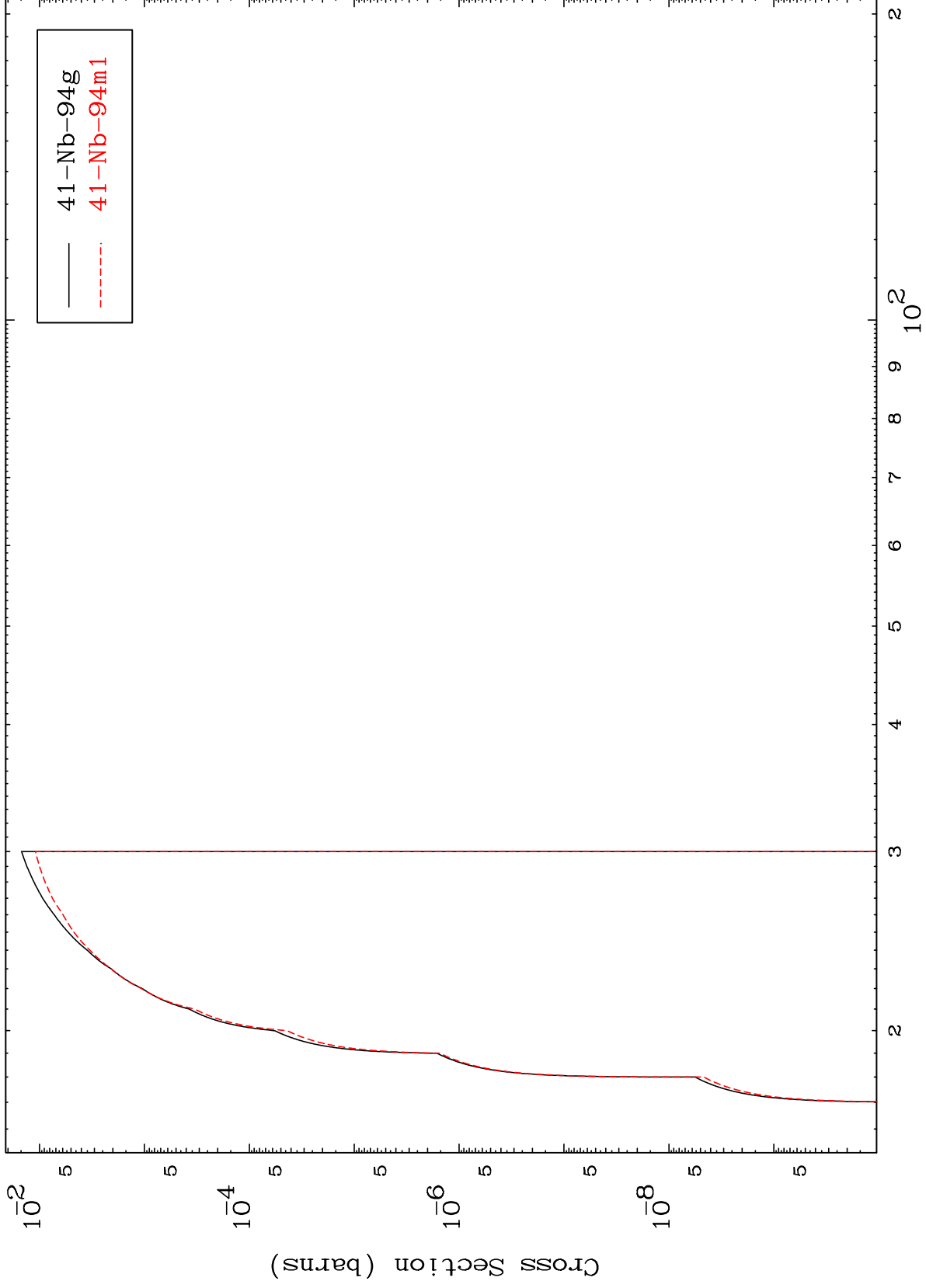


Incident Energy (MeV)

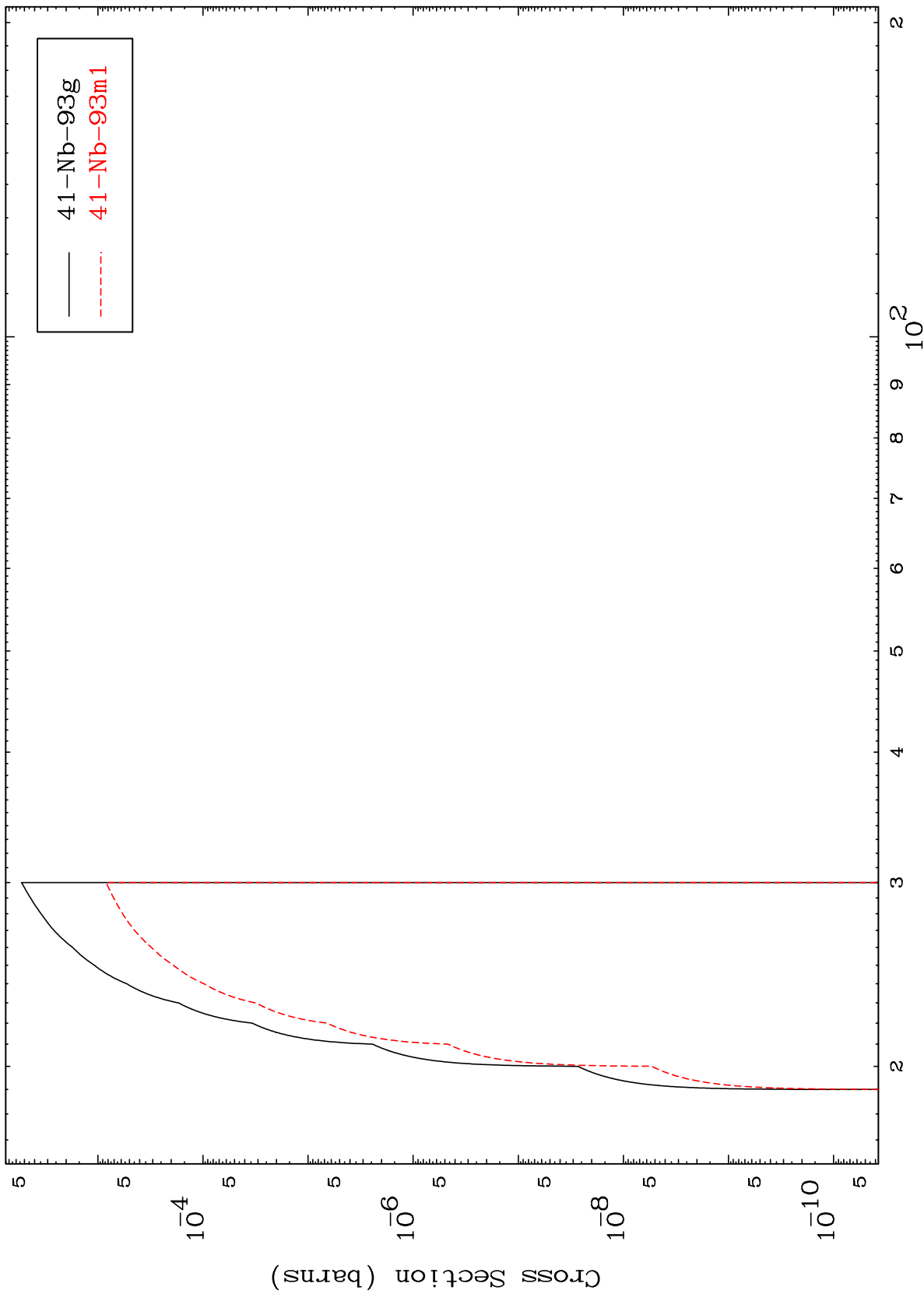
42-Mo-96

128

(n,n') d
Radionuclide Production Cross Section



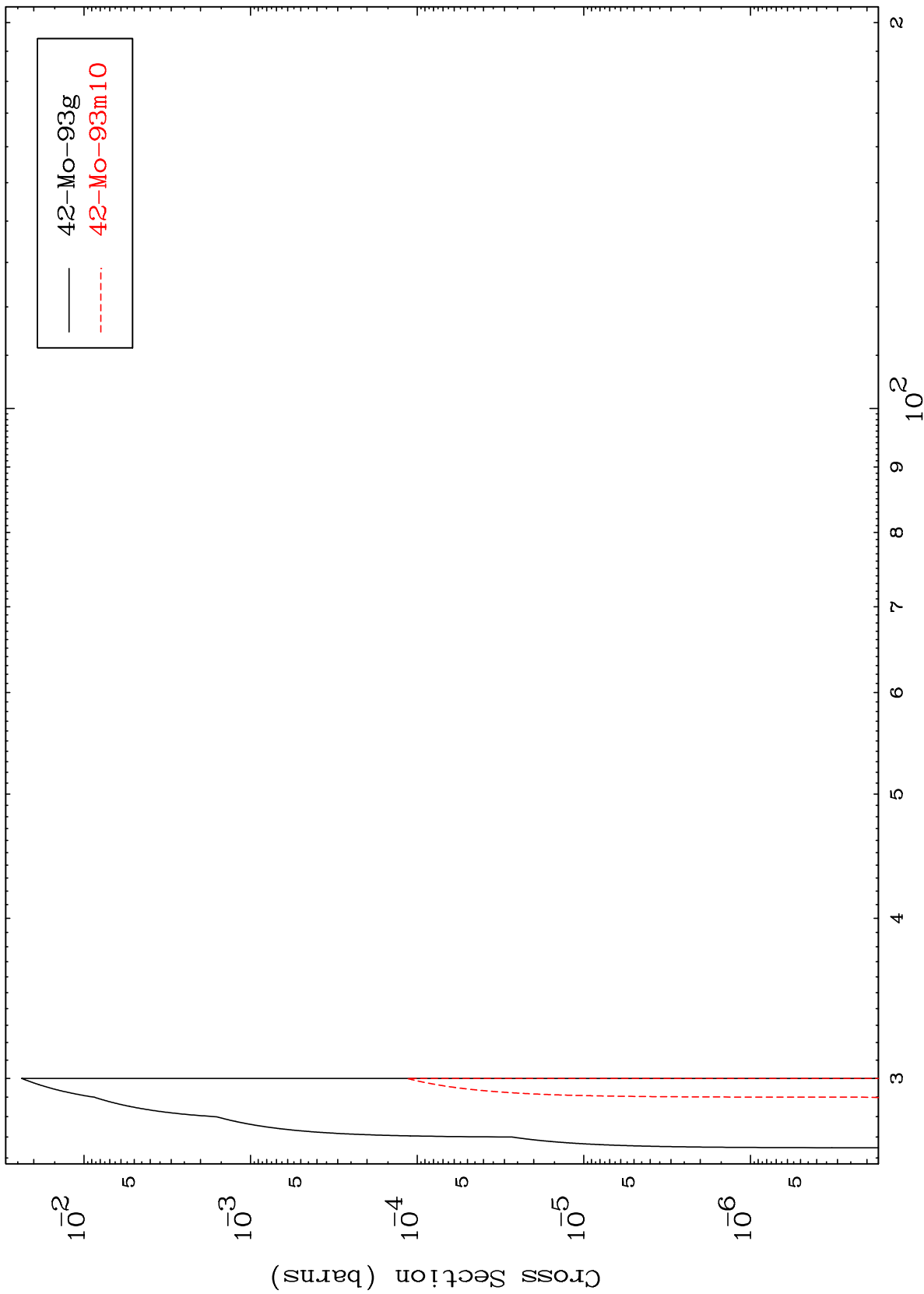
Radionuclide Production Cross Section



MAT 4237

42-Mo-96

(n,4n)
Radionuclide Production Cross Section



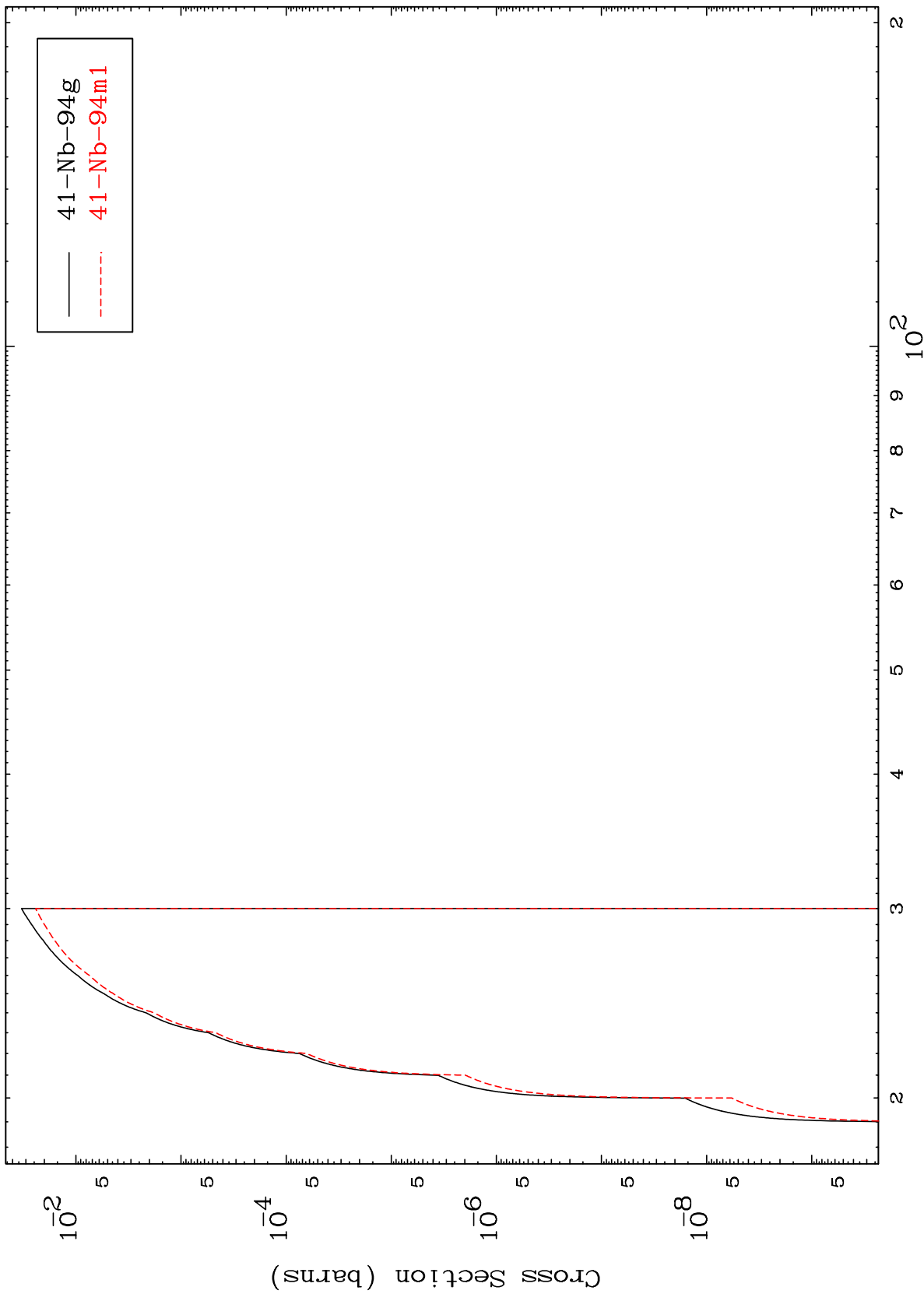
42-Mo-93g
42-Mo-93m10

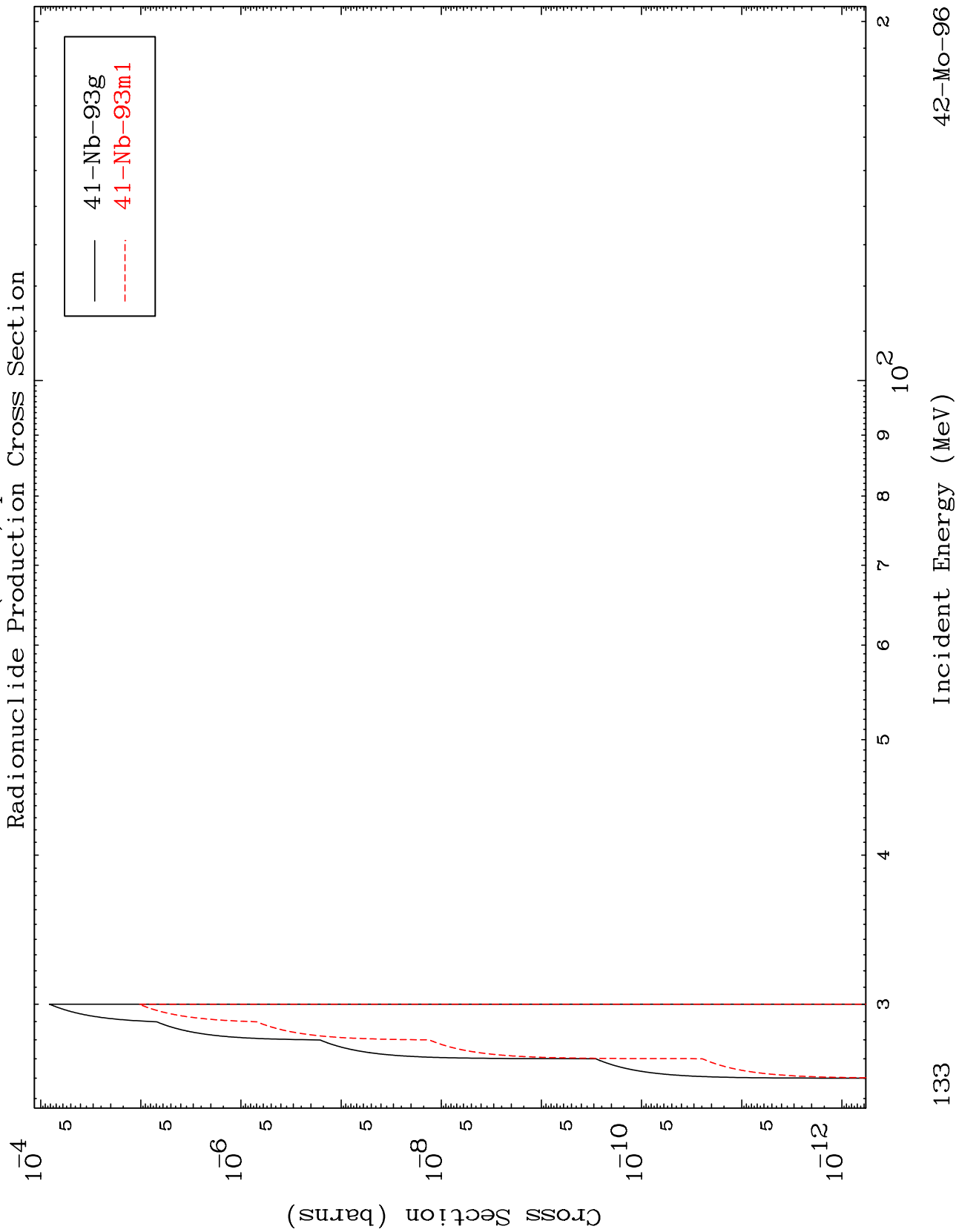
131

42-Mo-96

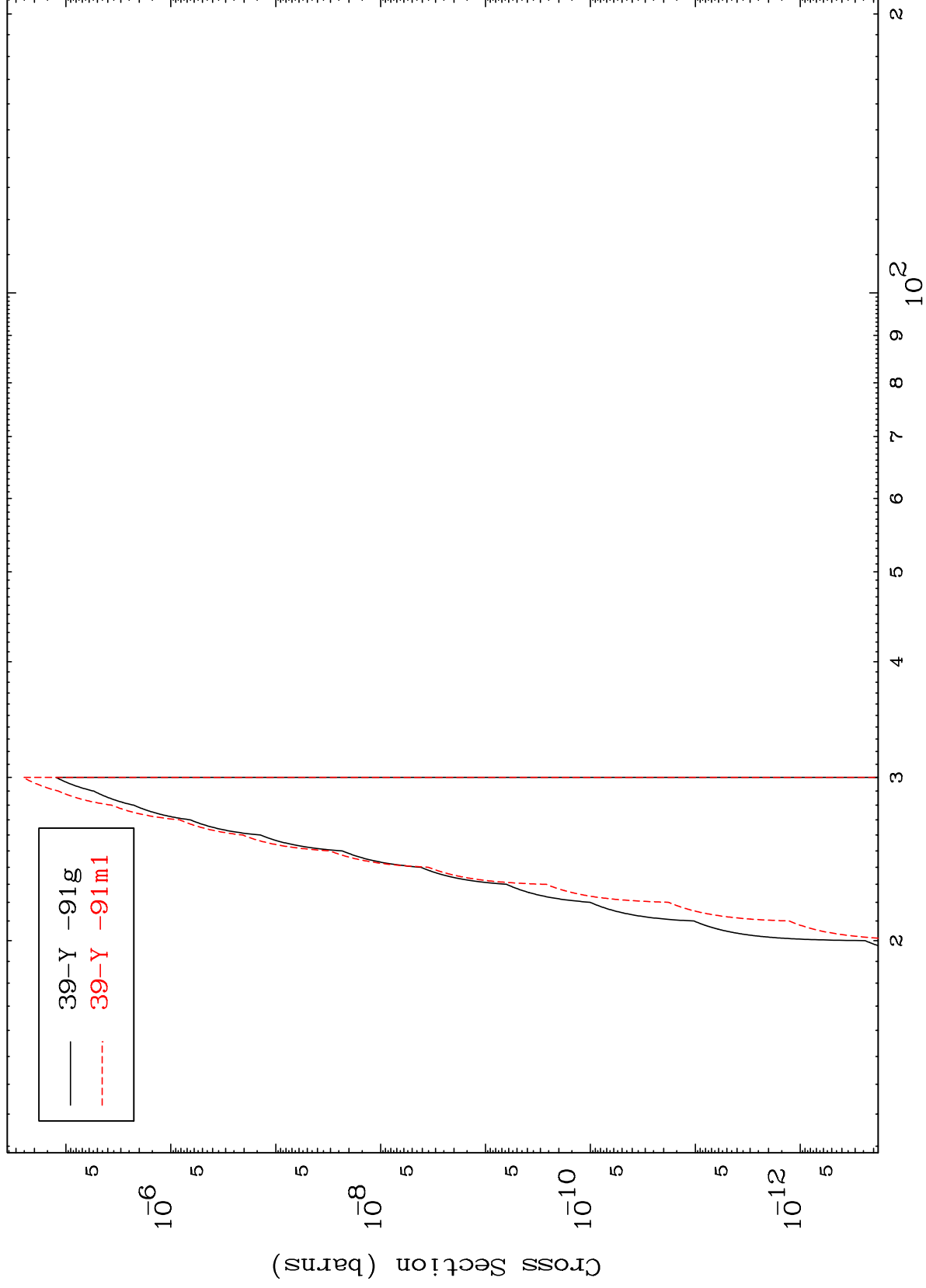
Incident Energy (MeV)

Radionuclide Production Cross Section





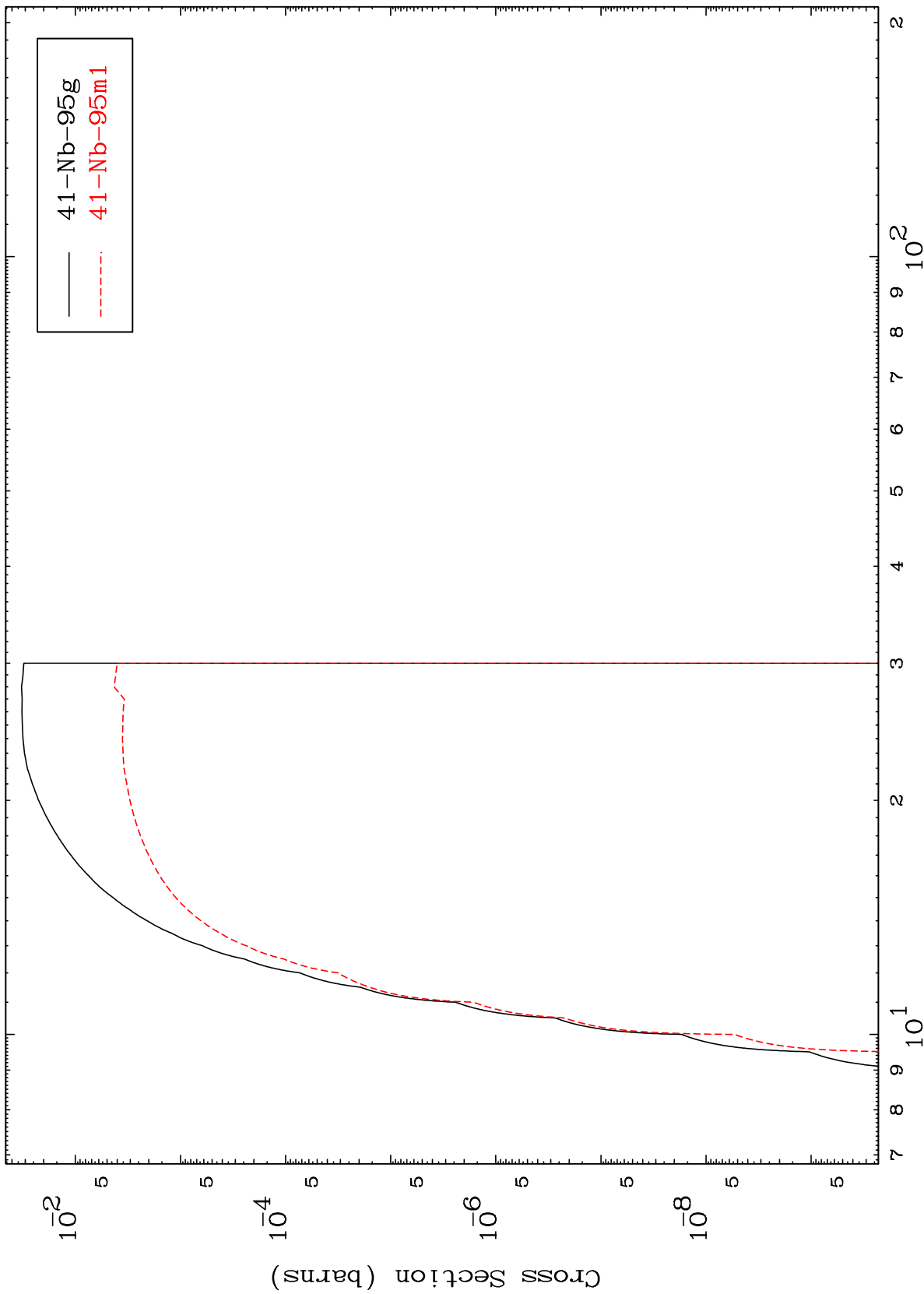
Radionuclide Production Cross Section



MAT 4237

42-Mo-96

(n,d)
Radionuclide Production Cross Section

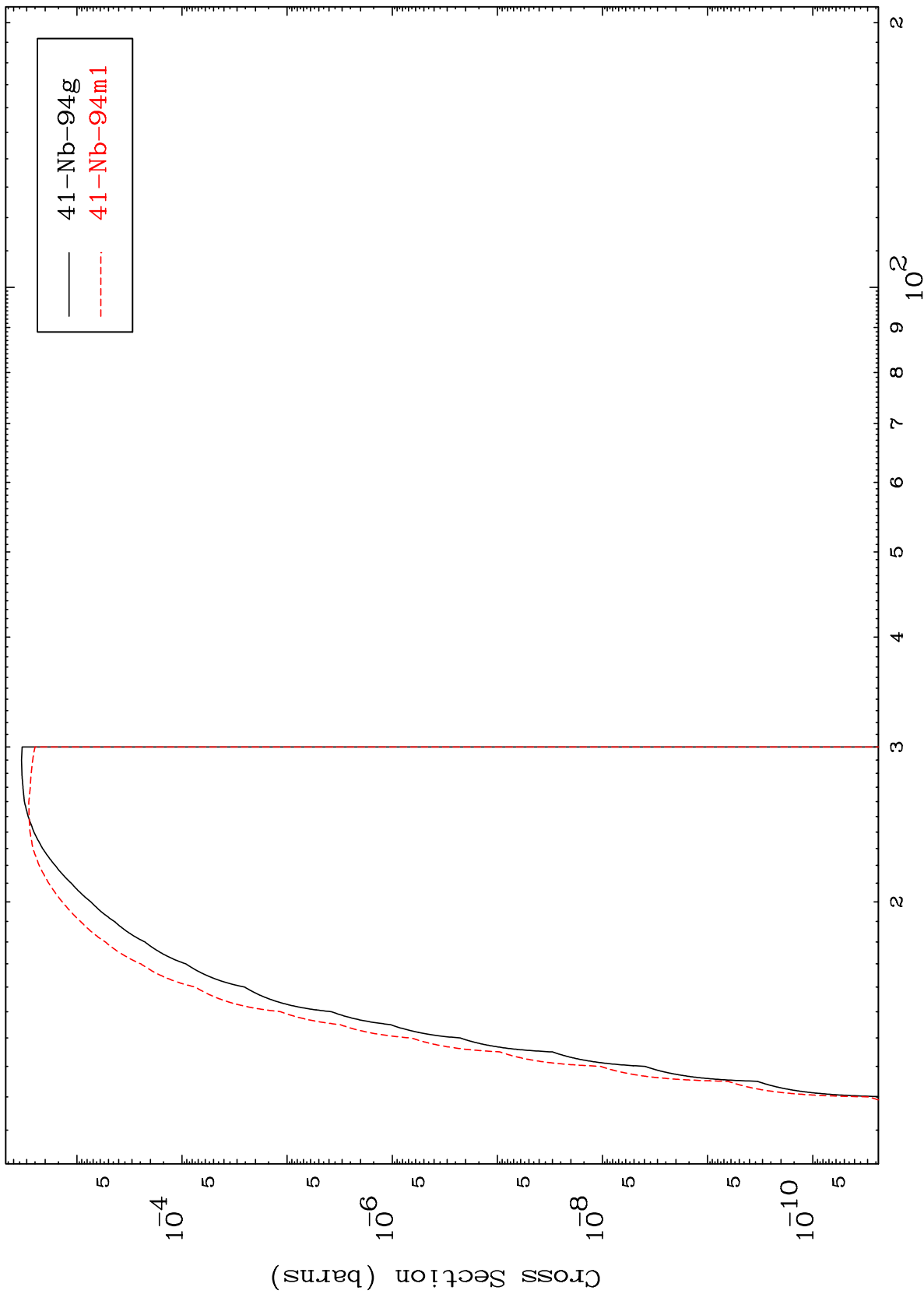


135

Incident Energy (MeV)

42-Mo-96

(n, t)
Radionuclide Production Cross Section



MAT 4237

(n,d) α

42-Mo-96

