

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

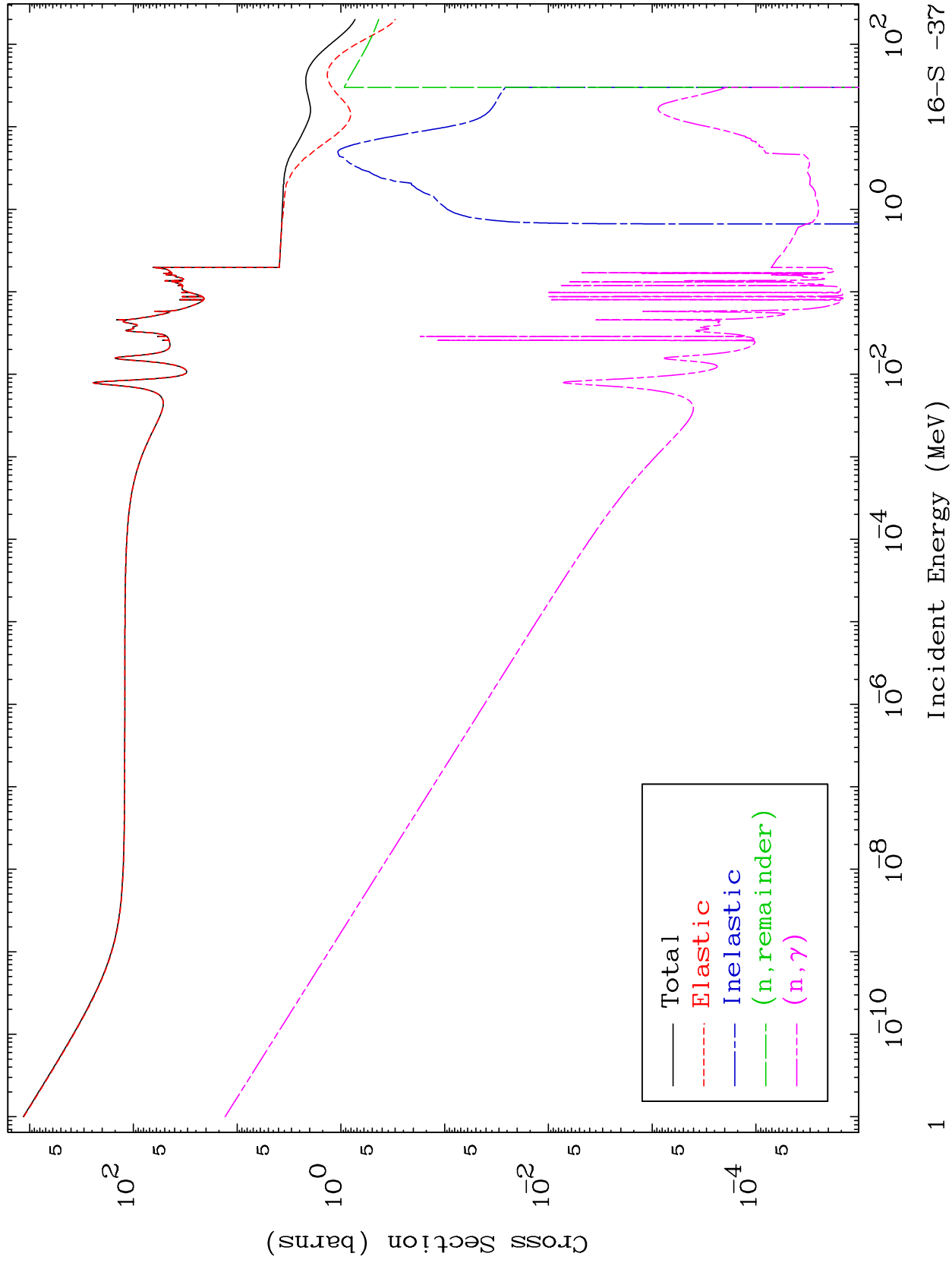
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1640

Major
293 Kelvin Cross Sections

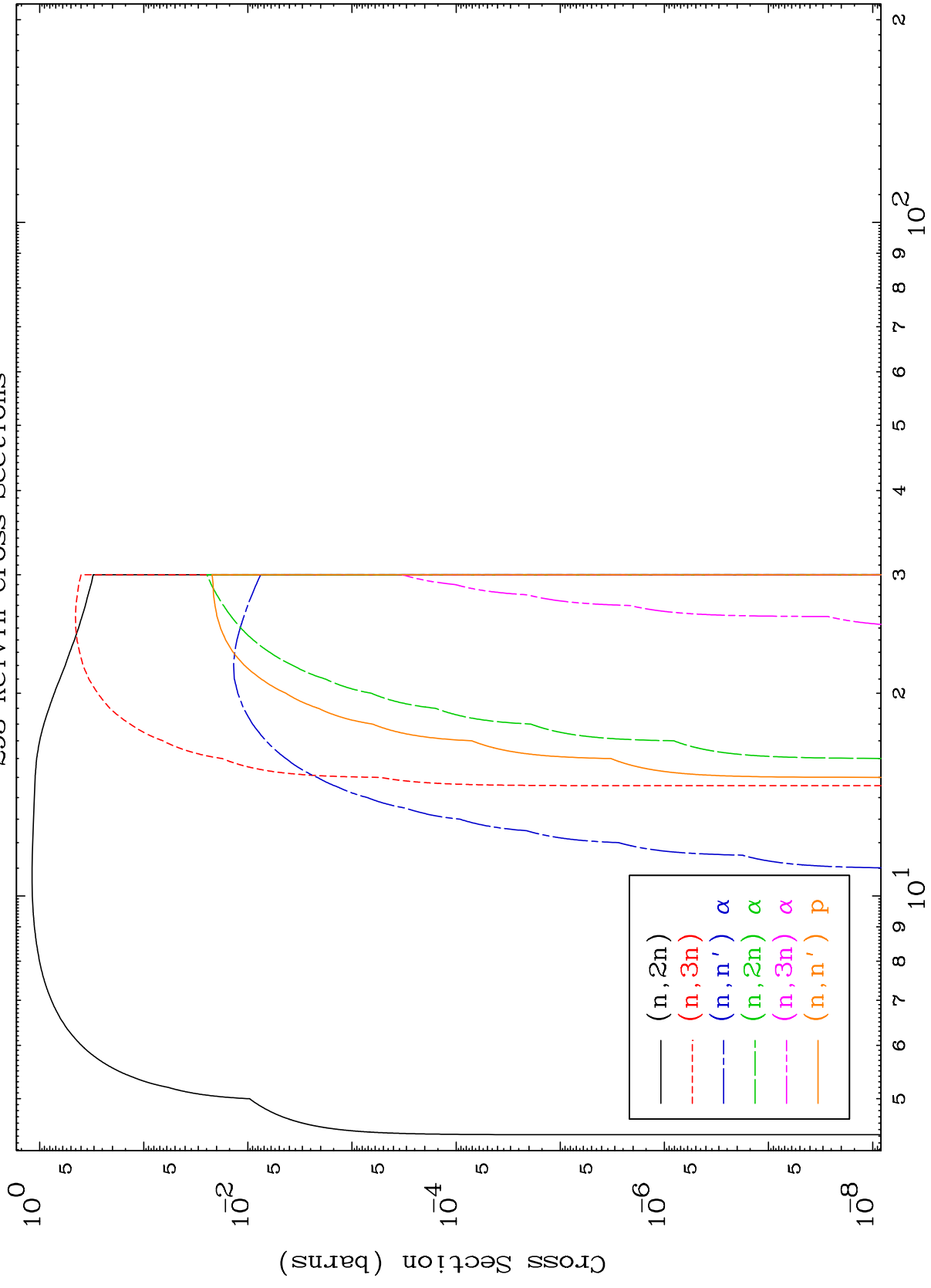
16-S -37



MAT 1640

Neutron Production
293 Kelvin Cross Sections

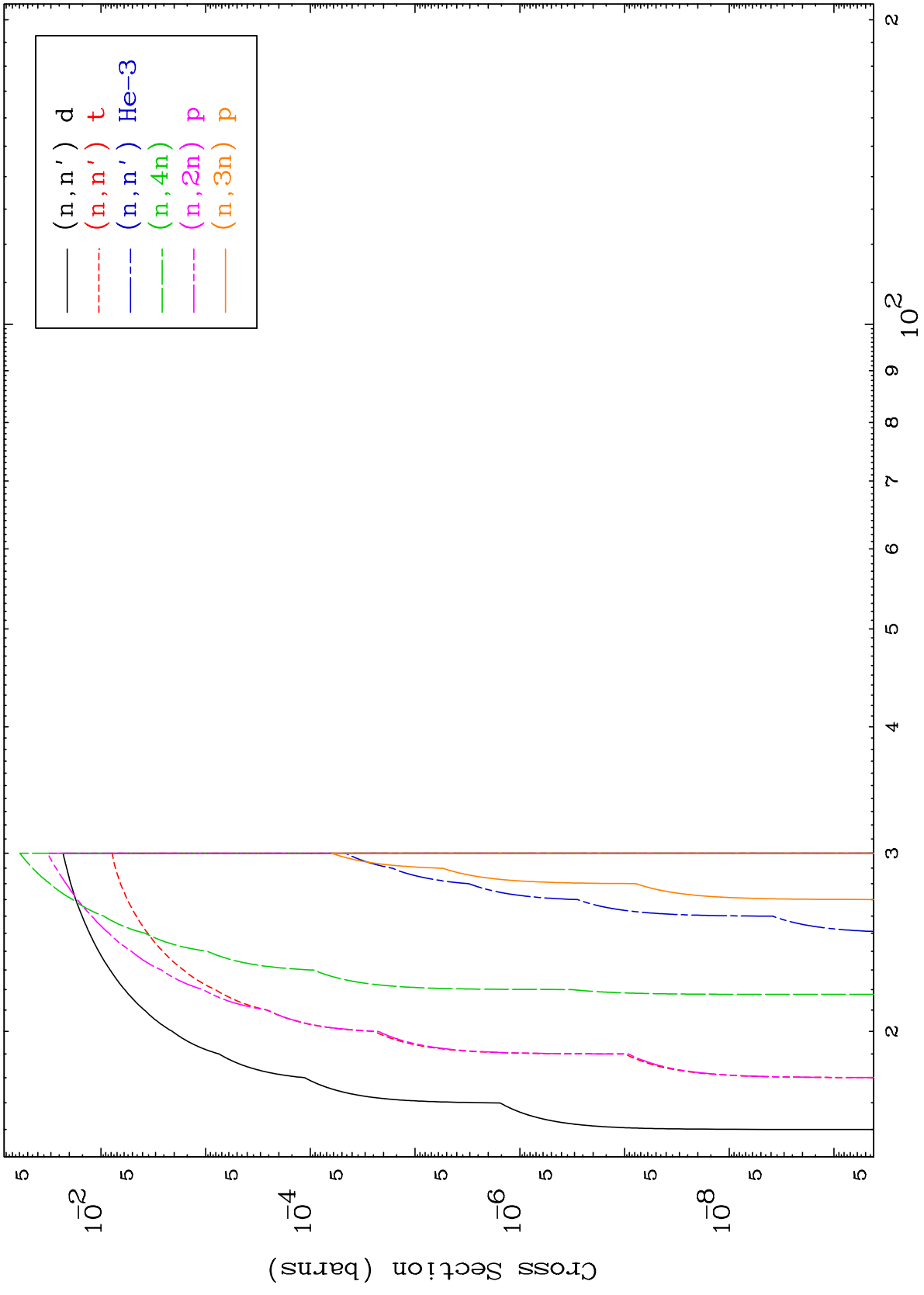
16-S -37



2

Incident Energy (MeV)

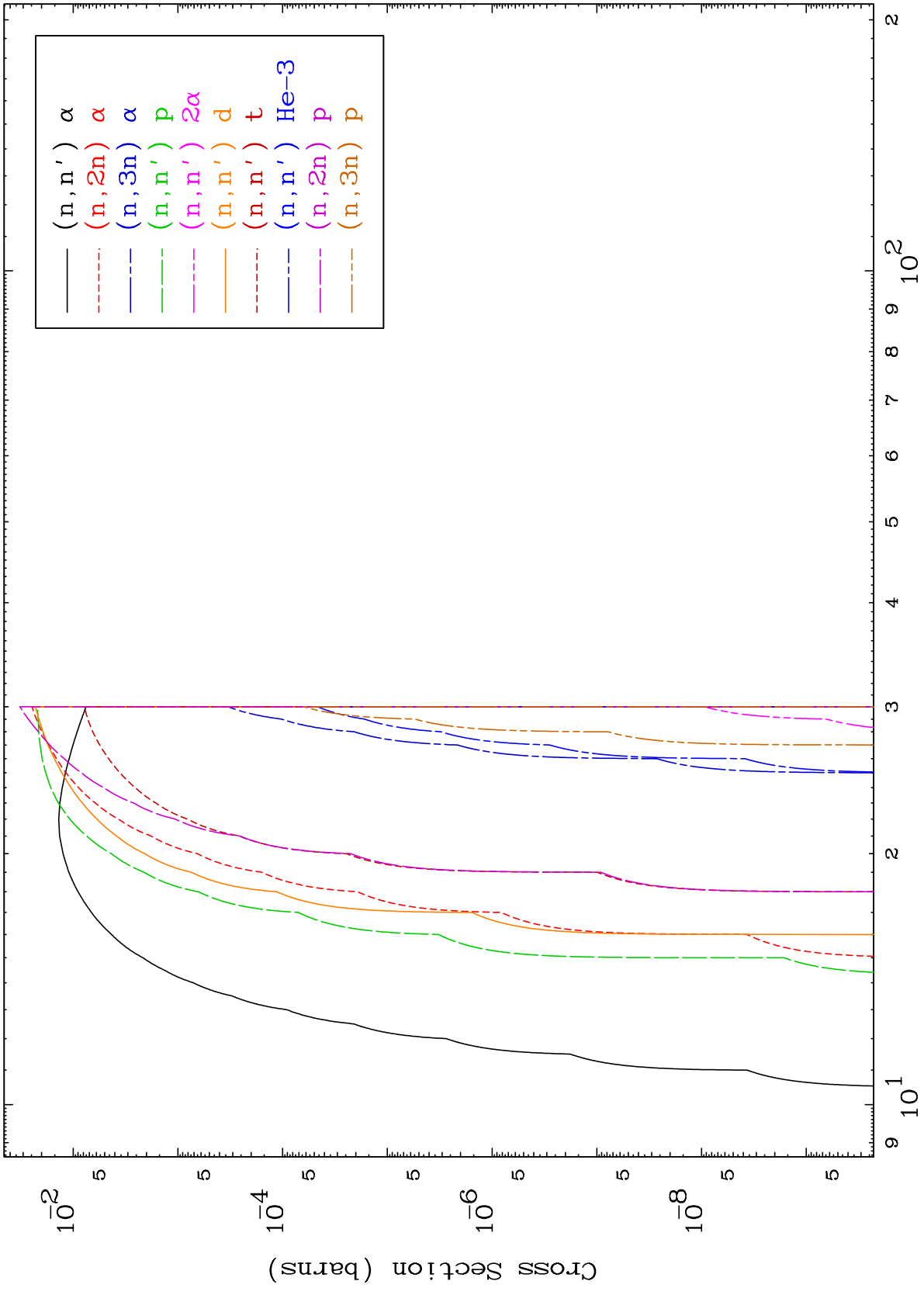
16-S -37



MAT 1640

Charged Particle
293 Kelvin Cross Sections

16-S -37



4

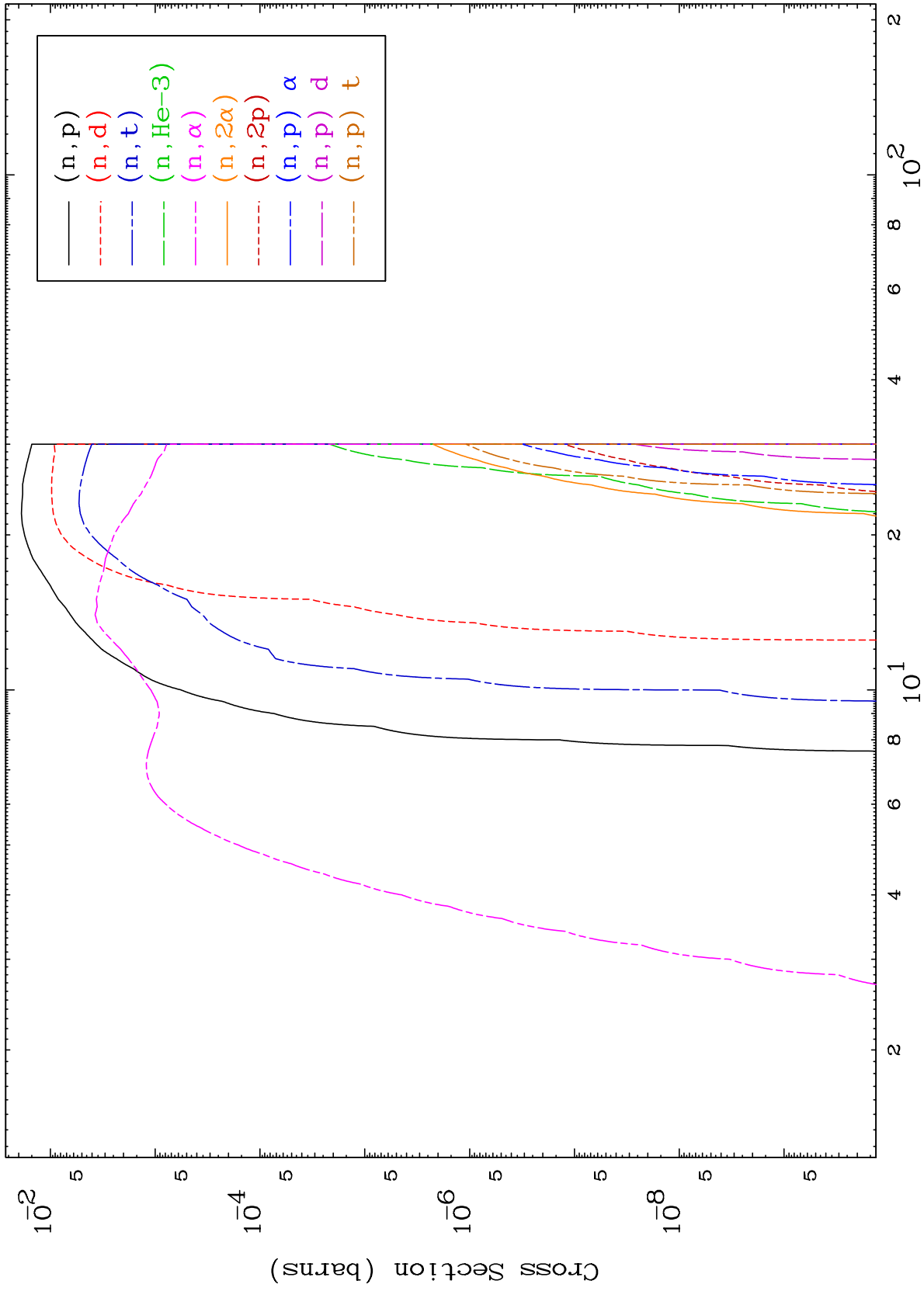
Incident Energy (MeV)

16-S -37

MAT 1640

293 Kelvin Cross Sections

16-S -37



5

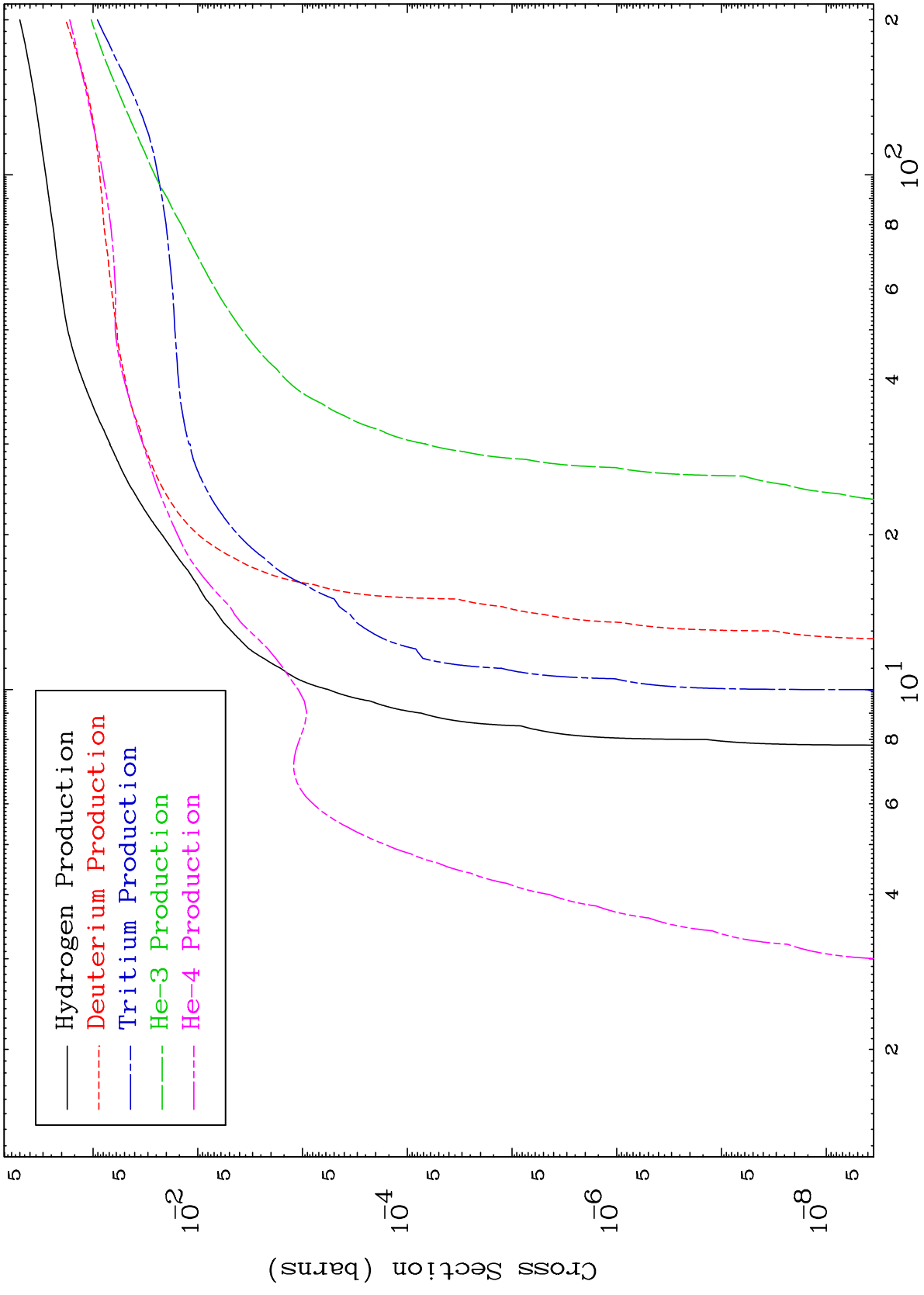
Incident Energy (MeV)

16-S -37

MAT 1640

Particle Production
293 Kelvin Cross Sections

16-S -37



6

Incident Energy (MeV)

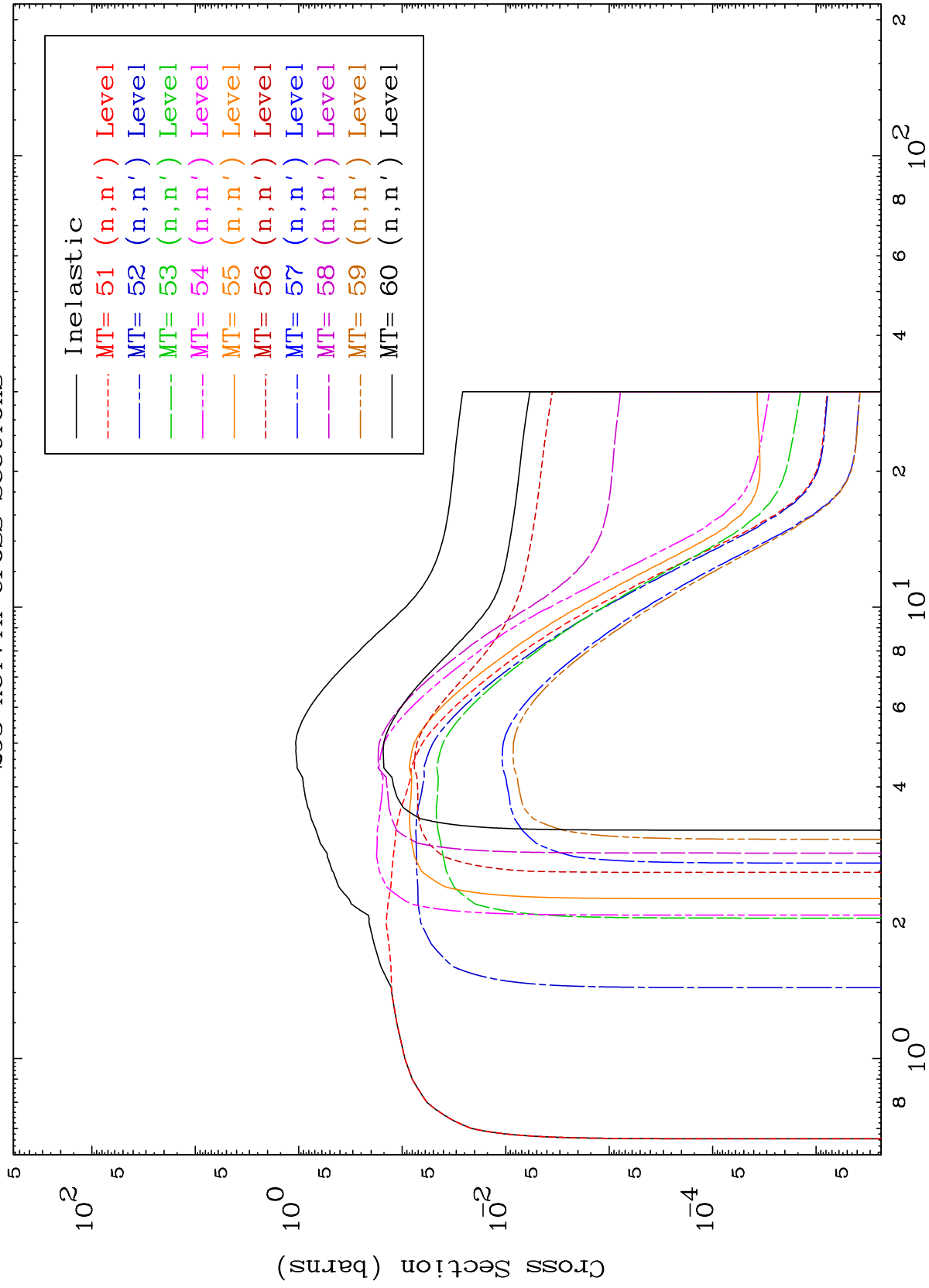
16-S -37

MAT 1640

(n,n') Level

16-S -37

293 Kelvin Cross Sections



7

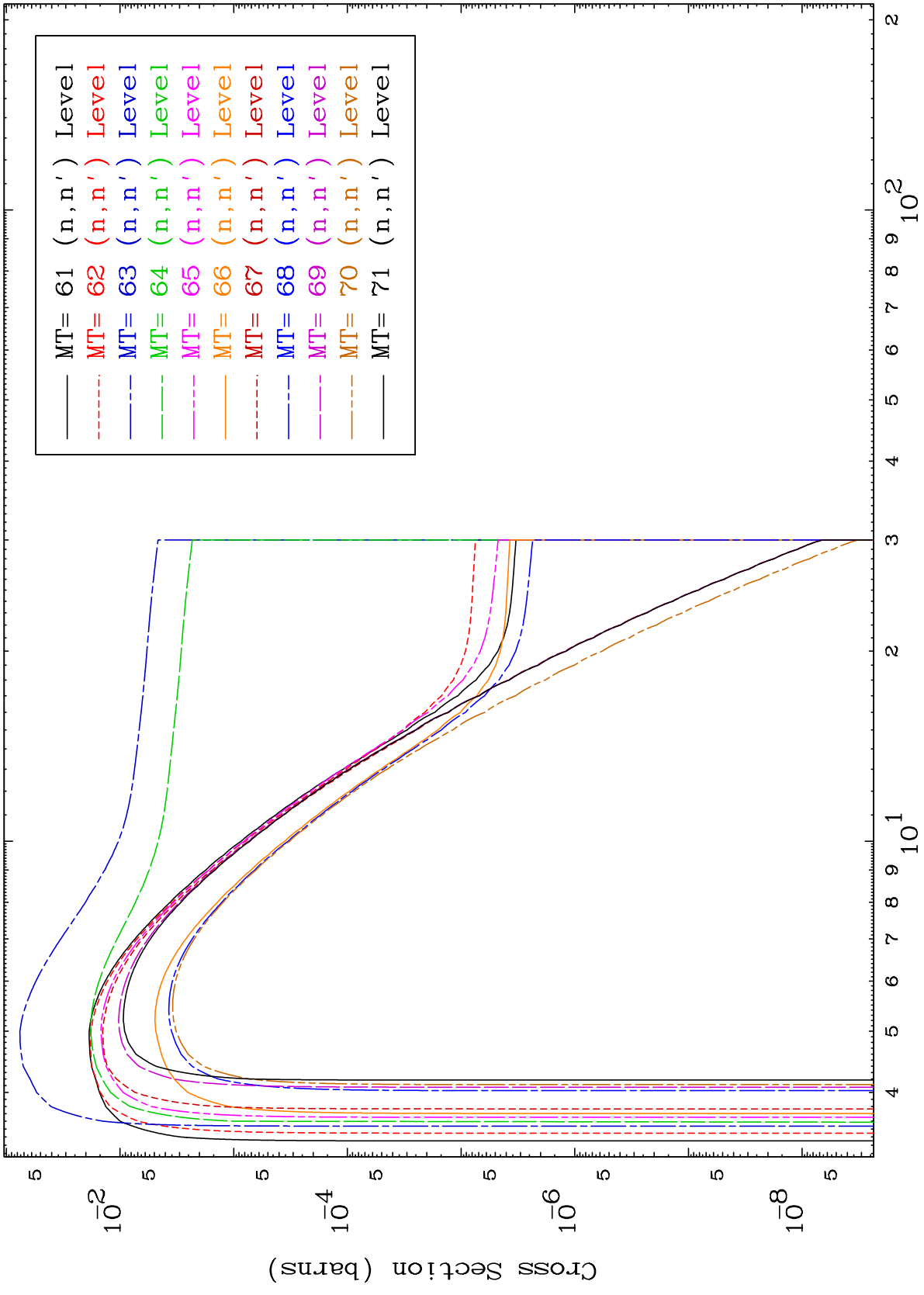
Incident Energy (MeV)

16-S -37

MAT 1640

(n,n') Level
293 Kelvin Cross Sections

16-S -37



8

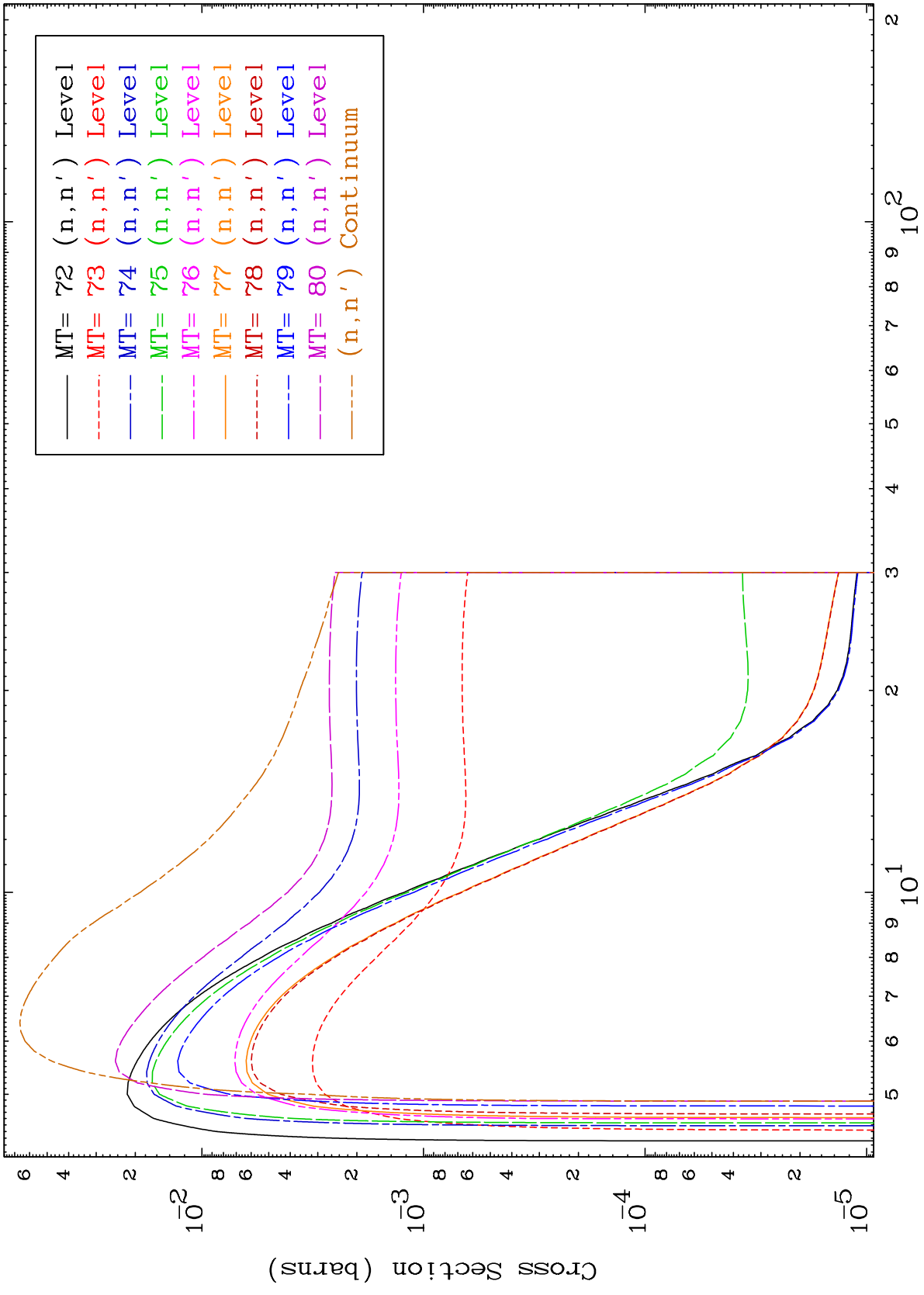
Incident Energy (MeV)

16-S -37

MAT 1640

(n,n') Level
293 Kelvin Cross Sections

16-S -37



9

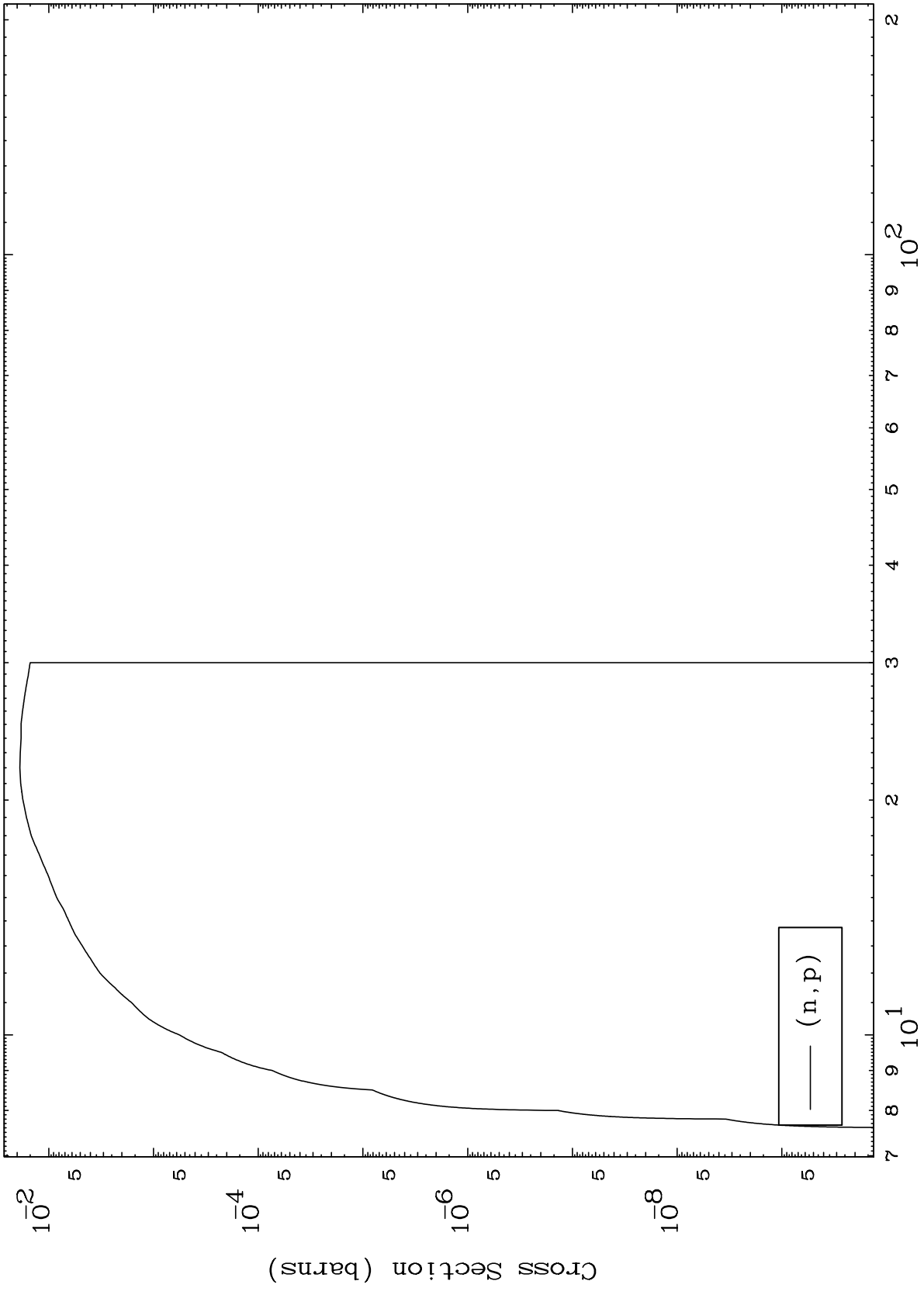
Incident Energy (MeV)

16-S -37

MAT 1640

(n,p) Levels
293 Kelvin Cross Sections

16-S -37



10

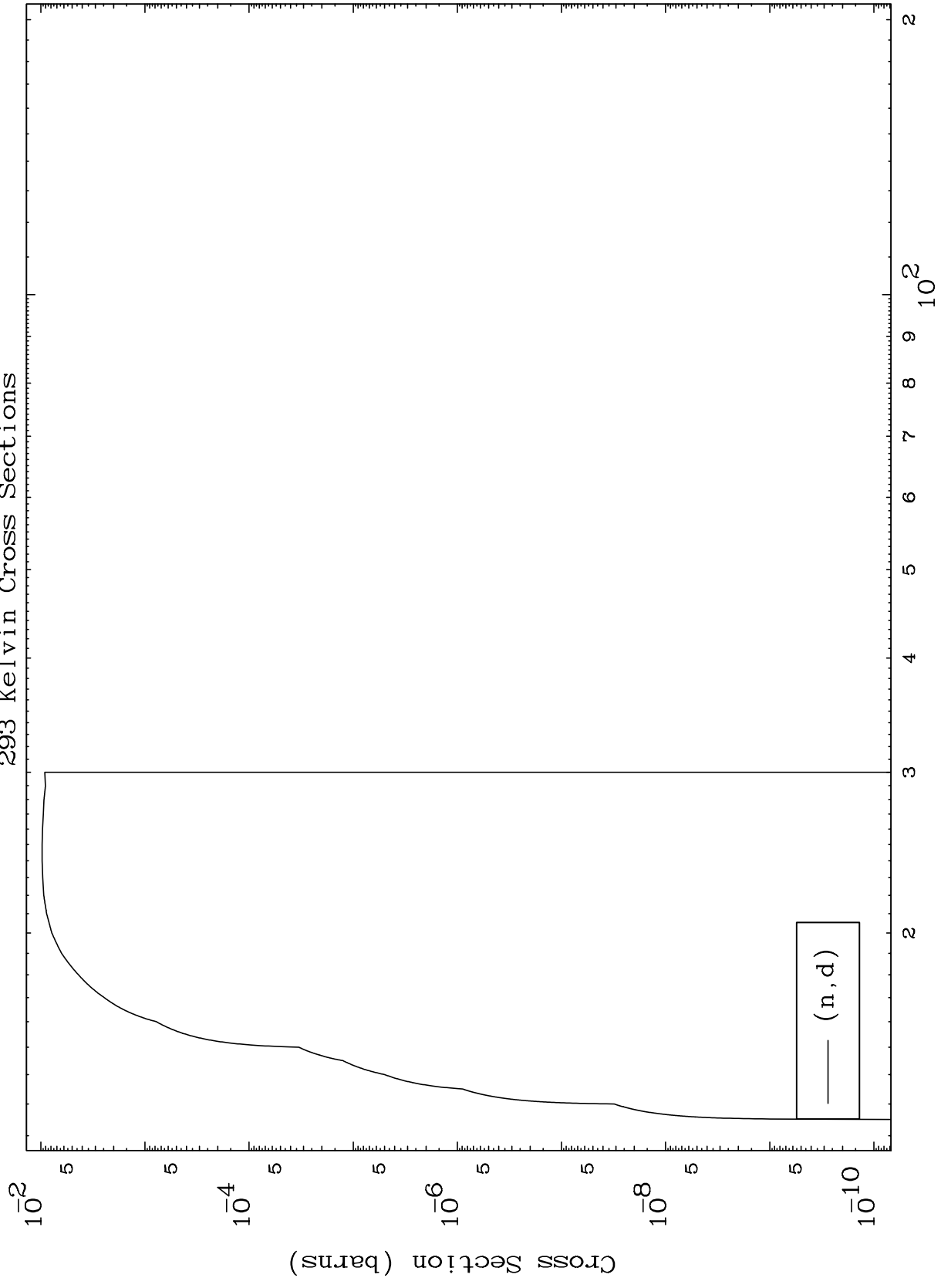
Incident Energy (MeV)

16-S -37

MAT 1640

(n,d) Levels
293 Kelvin Cross Sections

16-S -37



11

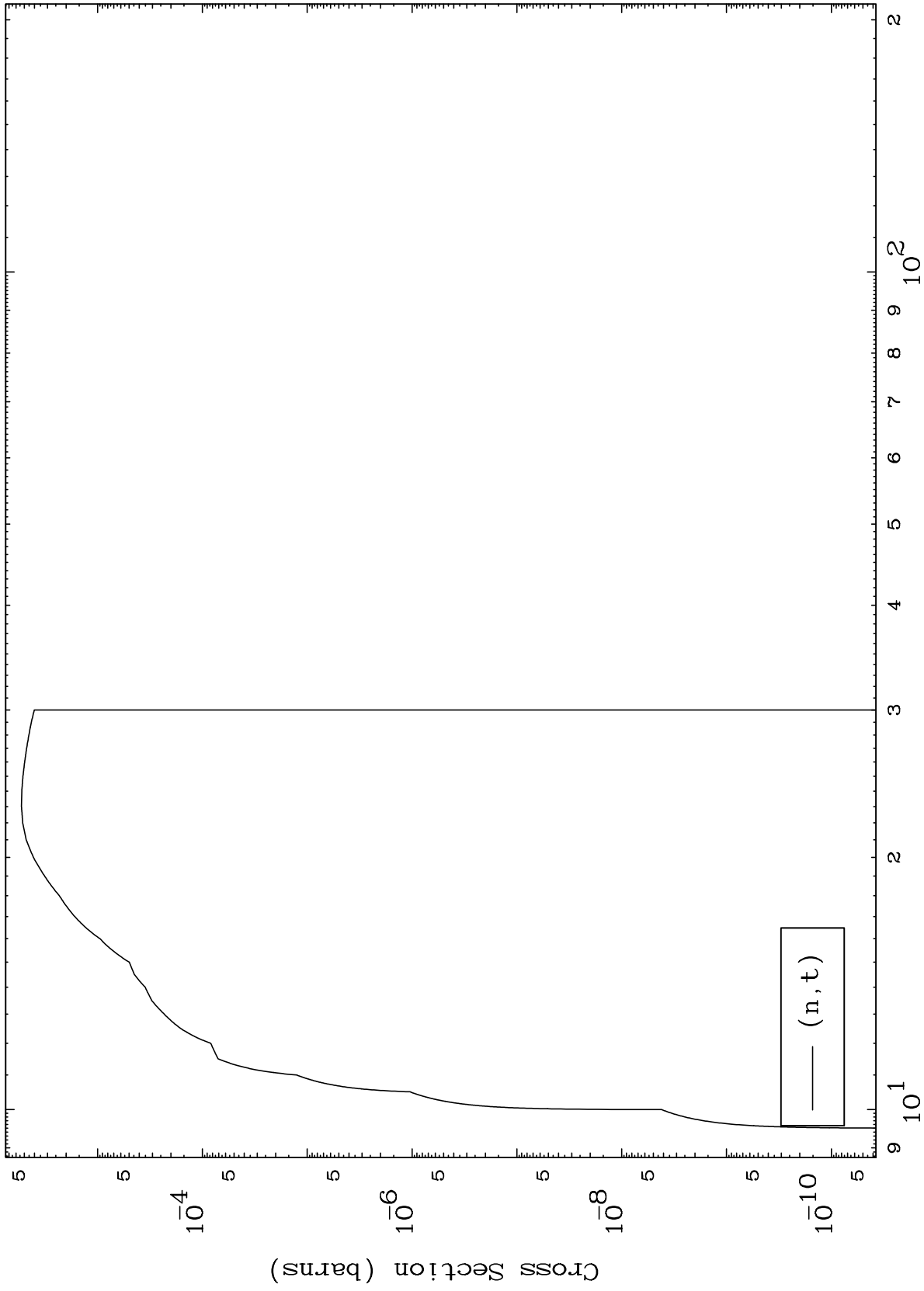
Incident Energy (MeV)

16-S -37

MAT 1640

(n,t) Levels
293 Kelvin Cross Sections

16-S -37



12

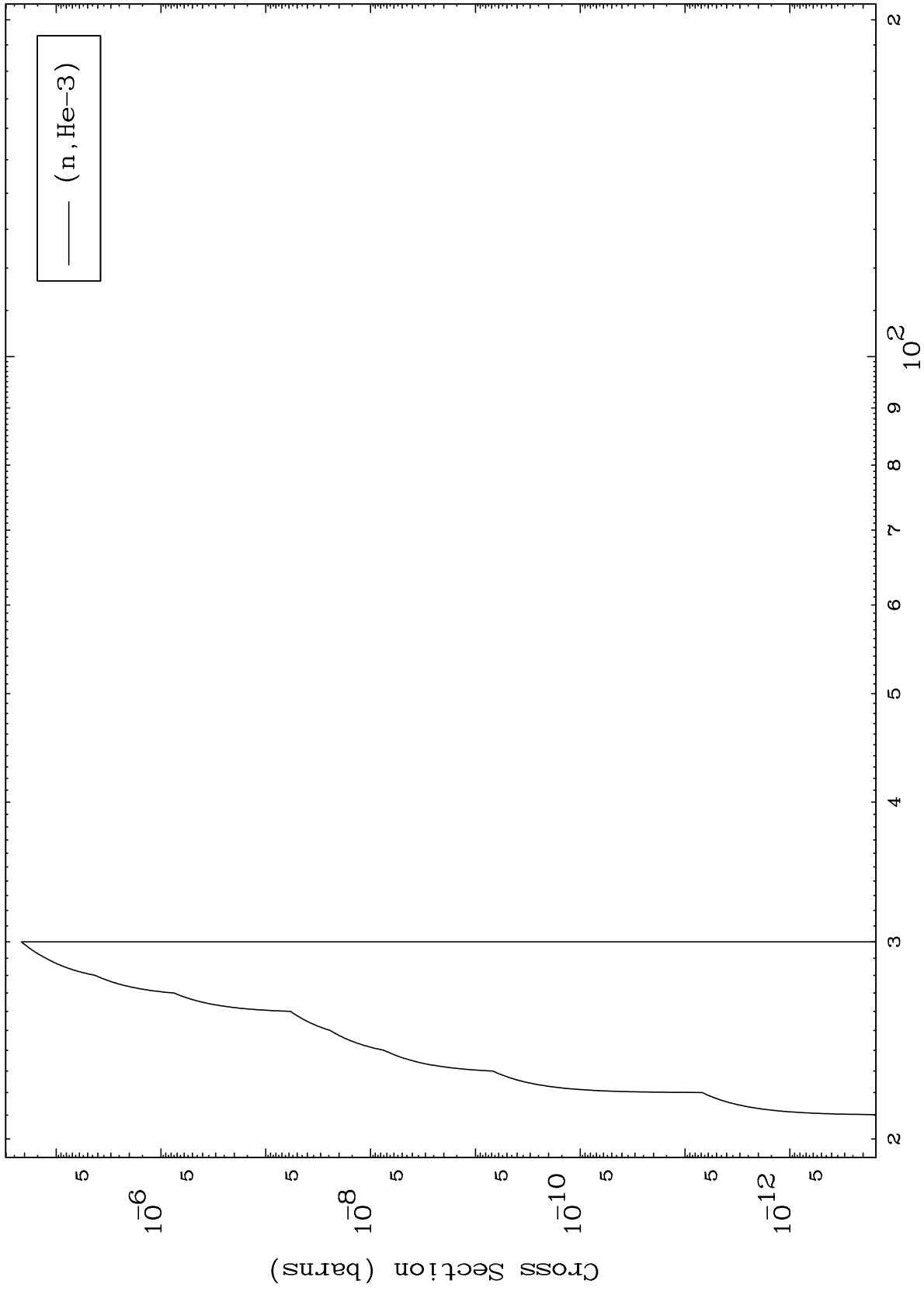
Incident Energy (MeV)

16-S -37

MAT 1640

(n,He3) Levels
293 Kelvin Cross Sections

16-S -37



13

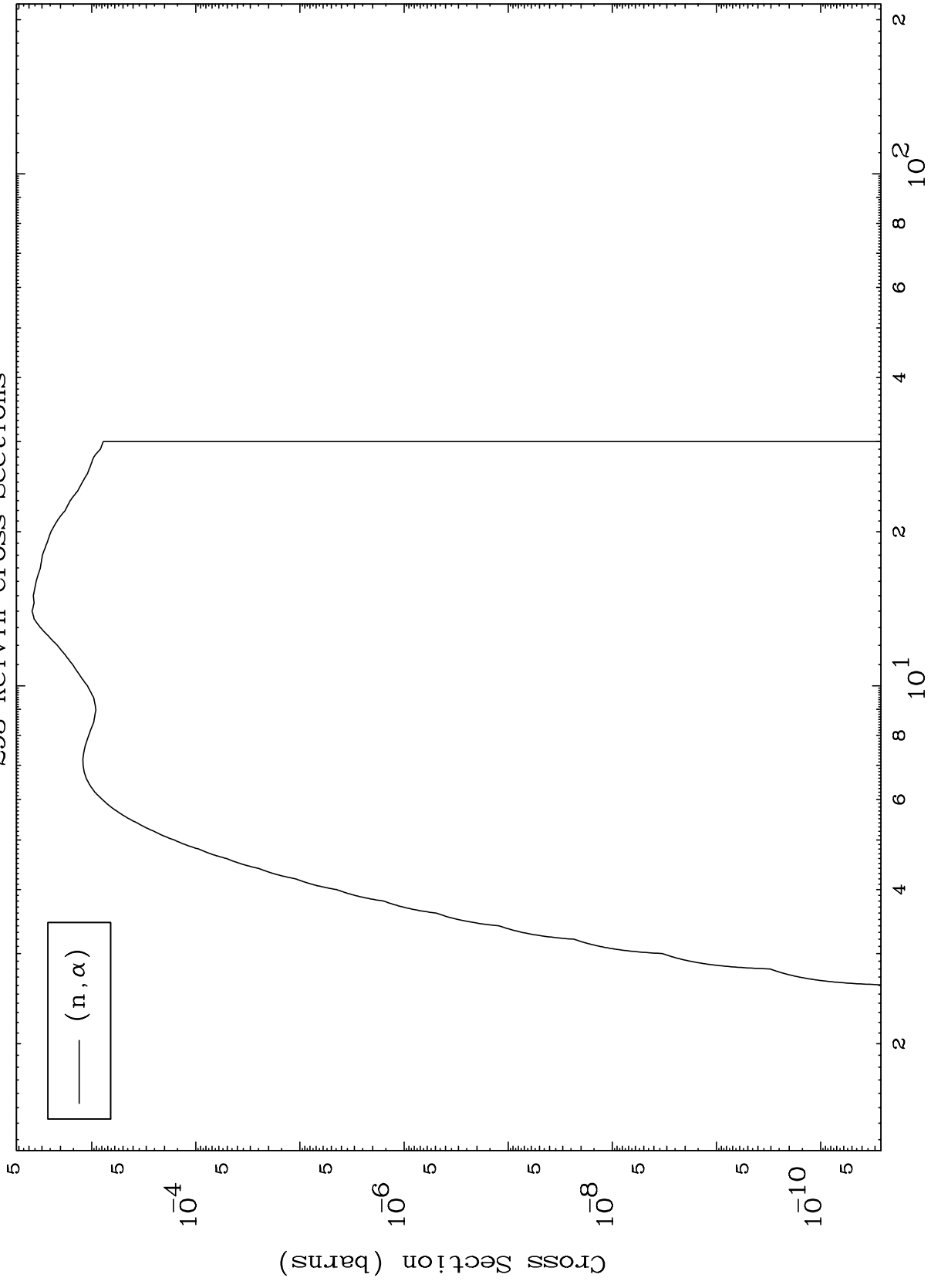
Incident Energy (MeV)

16-S -37

MAT 1640

(n,α) Levels
293 Kelvin Cross Sections

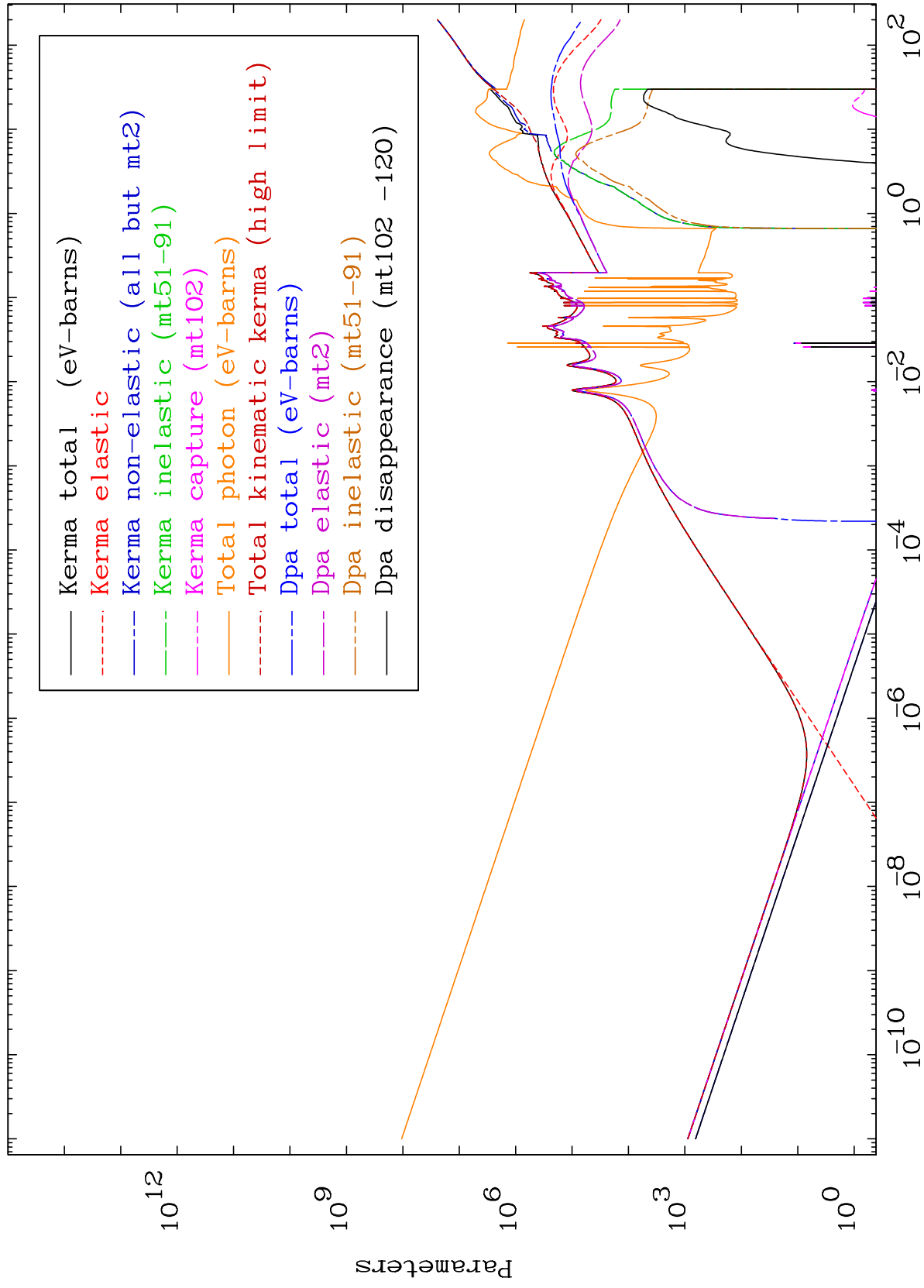
16-S -37



14

Incident Energy (MeV)

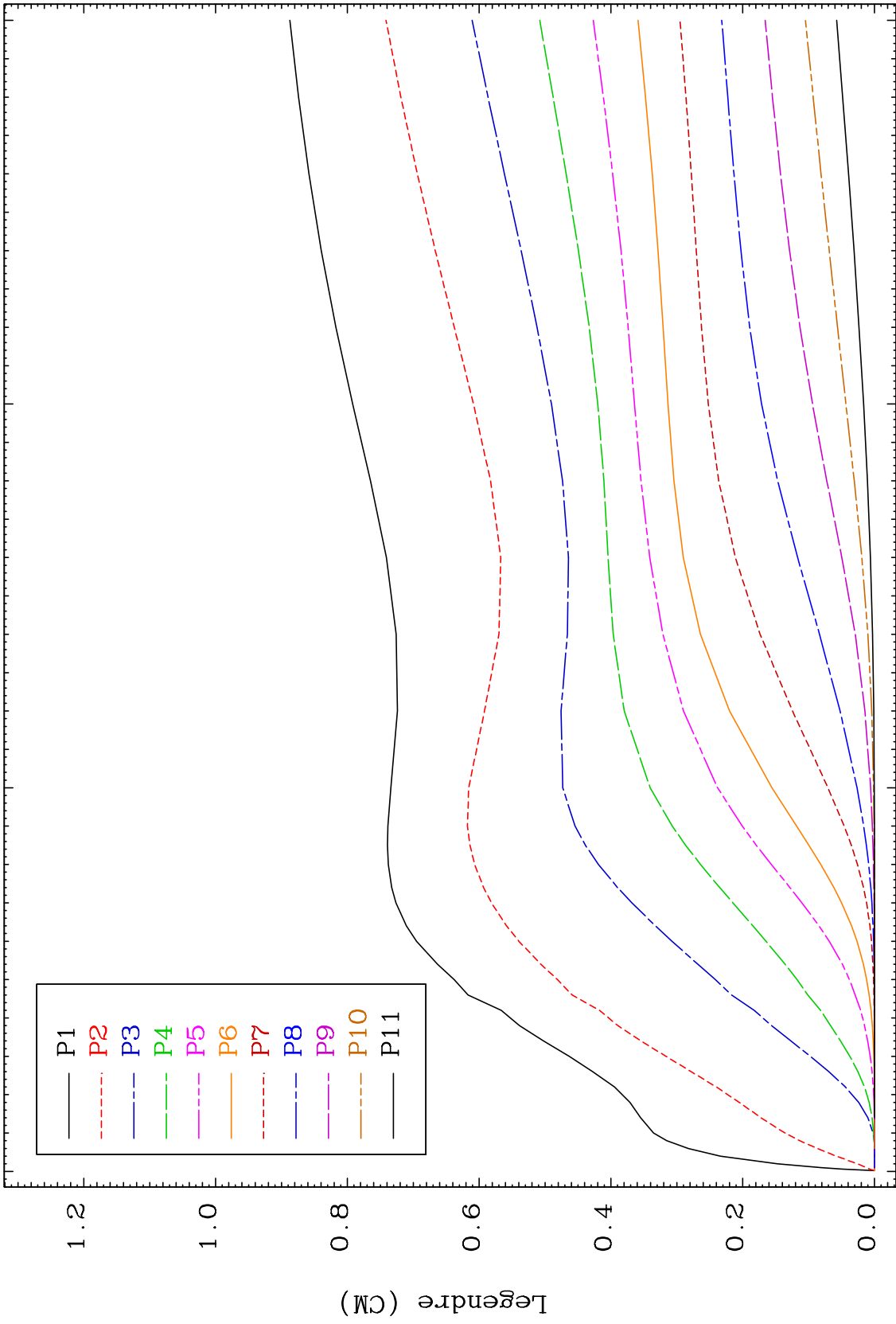
16-S -37



MAT 1640

Elastic Legendre Coefficients

16-S -37



16

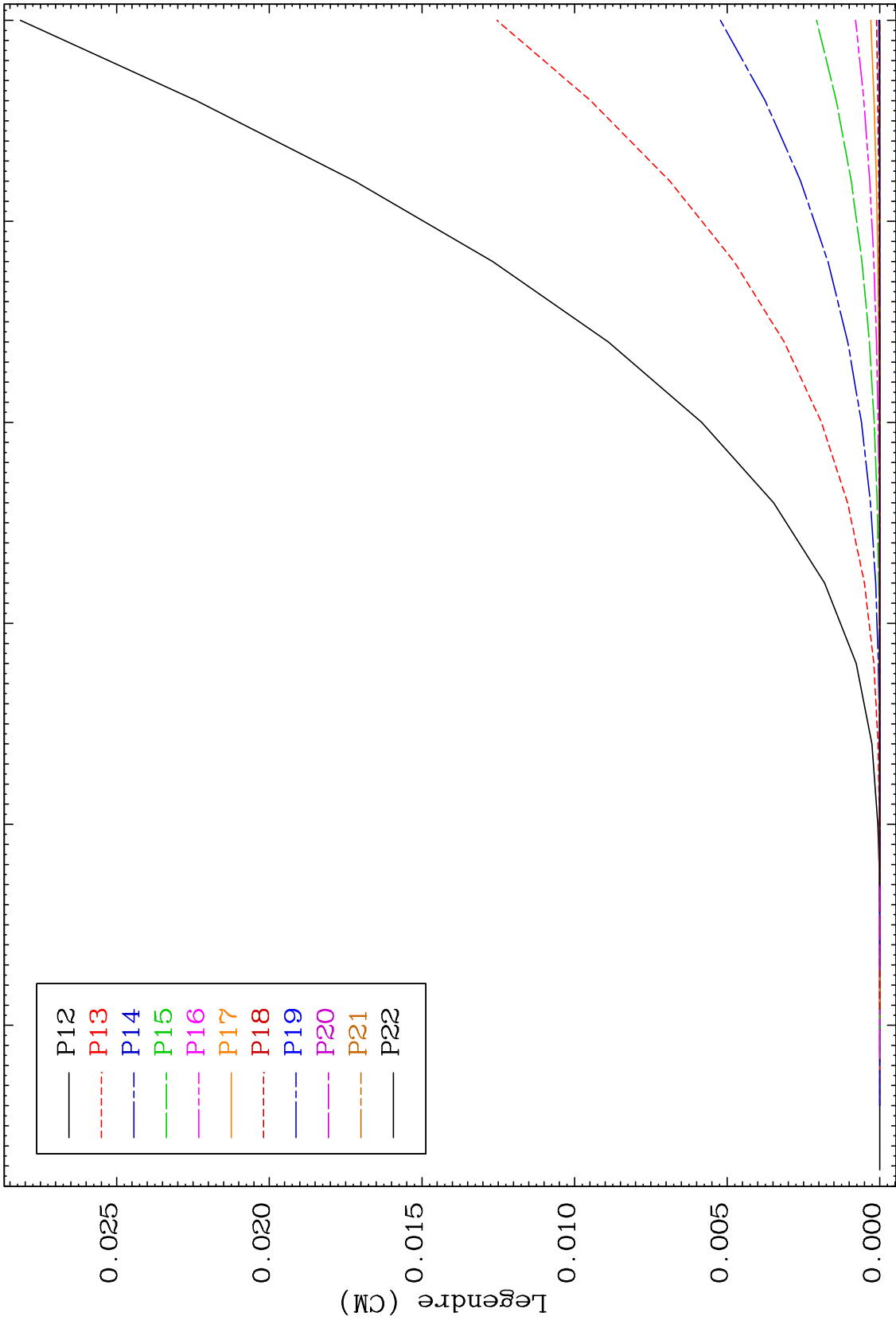
Incident Energy (MeV)

16-S -37

MAT 1640

Elastic Legendre Coefficients

16-S -37



17

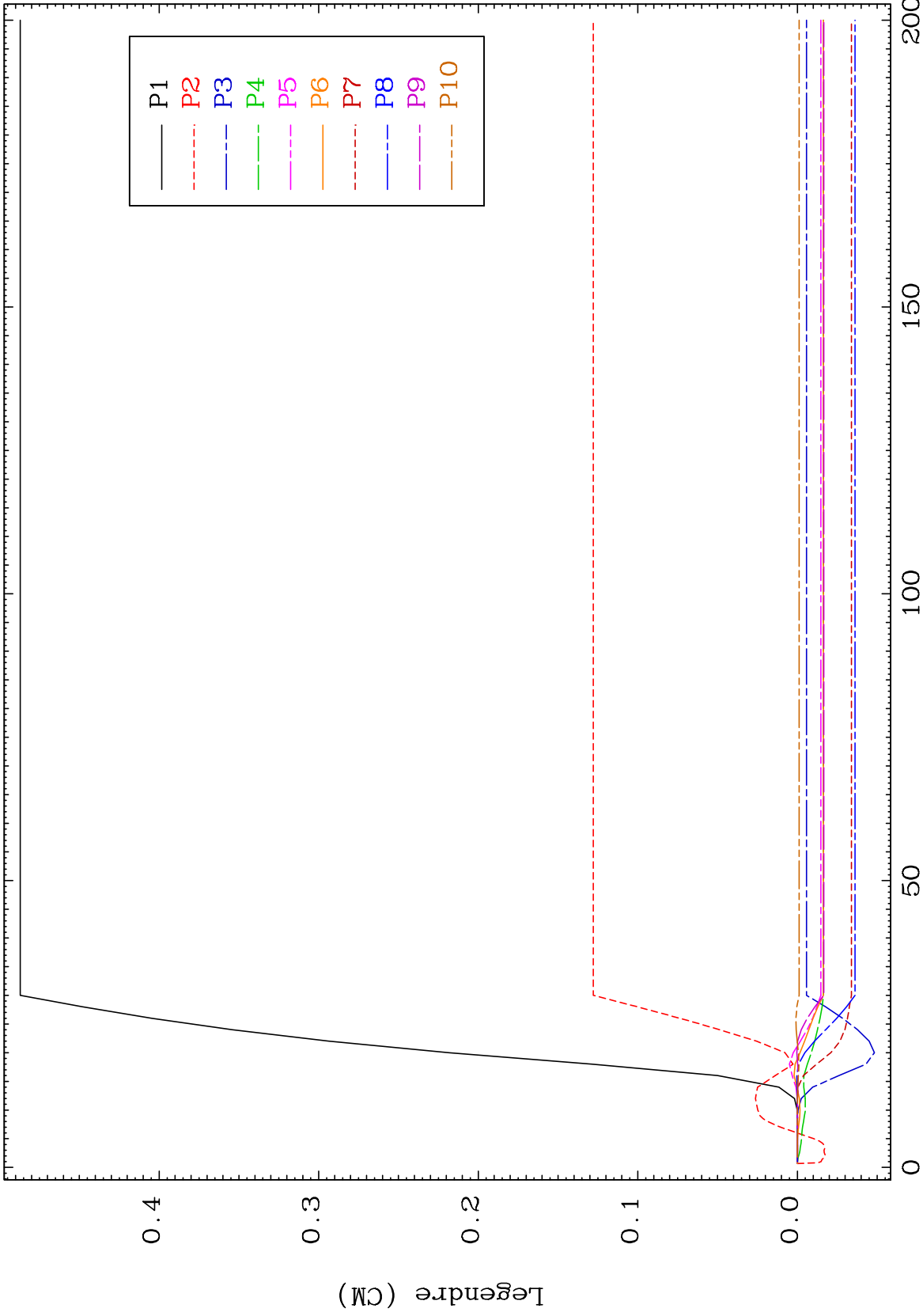
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37



19

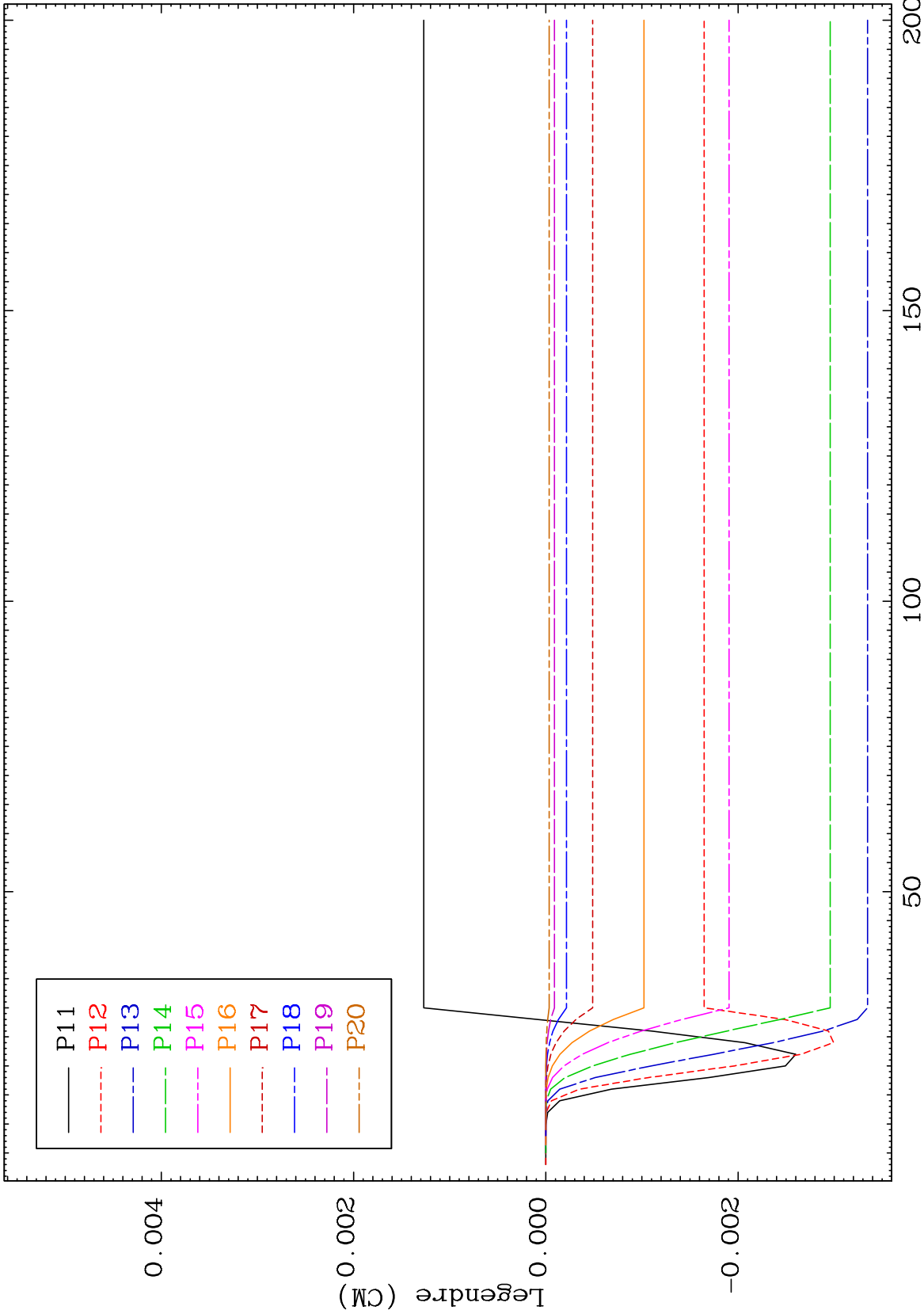
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37

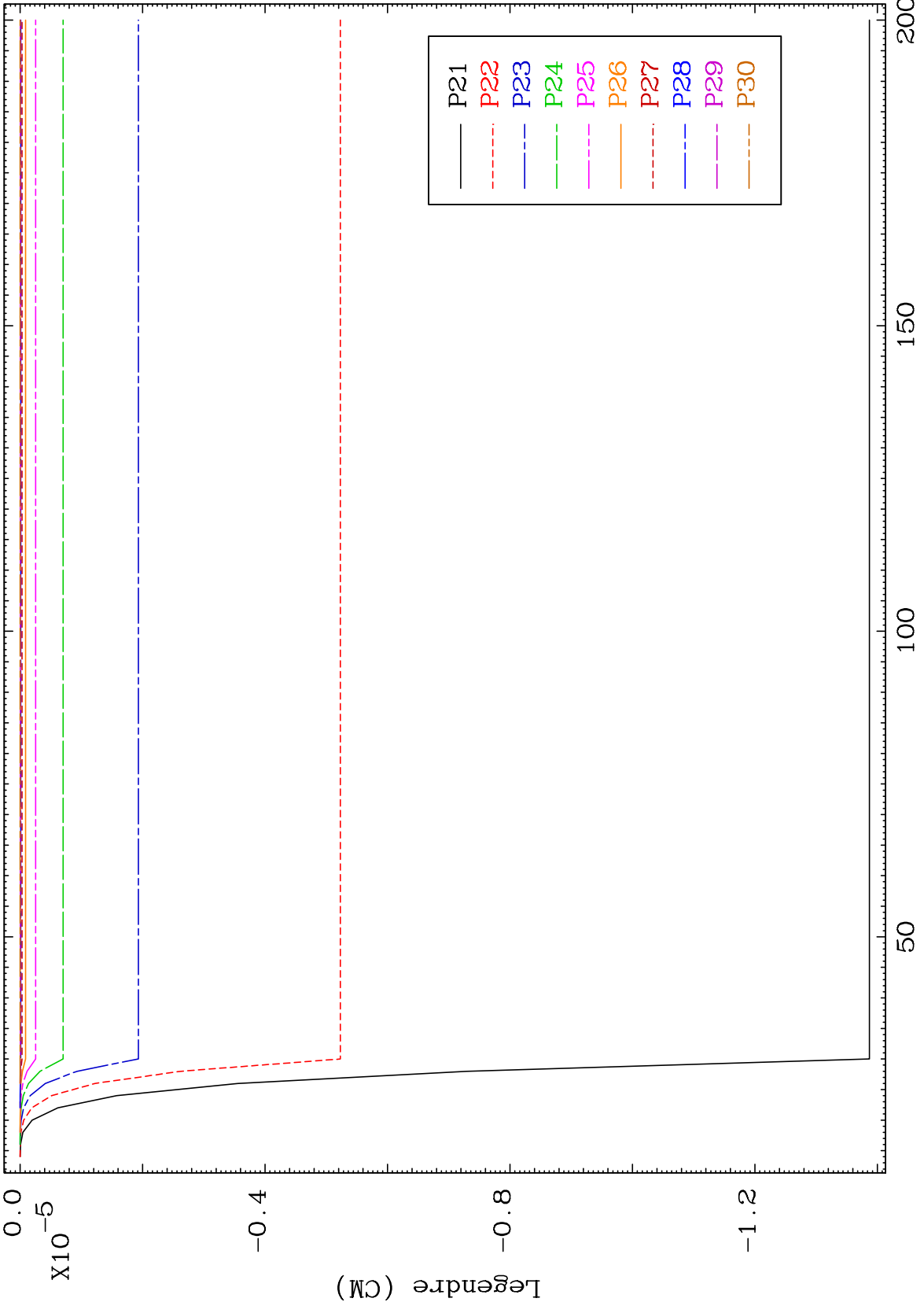


20

Incident Energy (MeV)

16-S -37

MAT 1640 MT= 51 (n,n') Level Legendre Coefficients 16-S -37

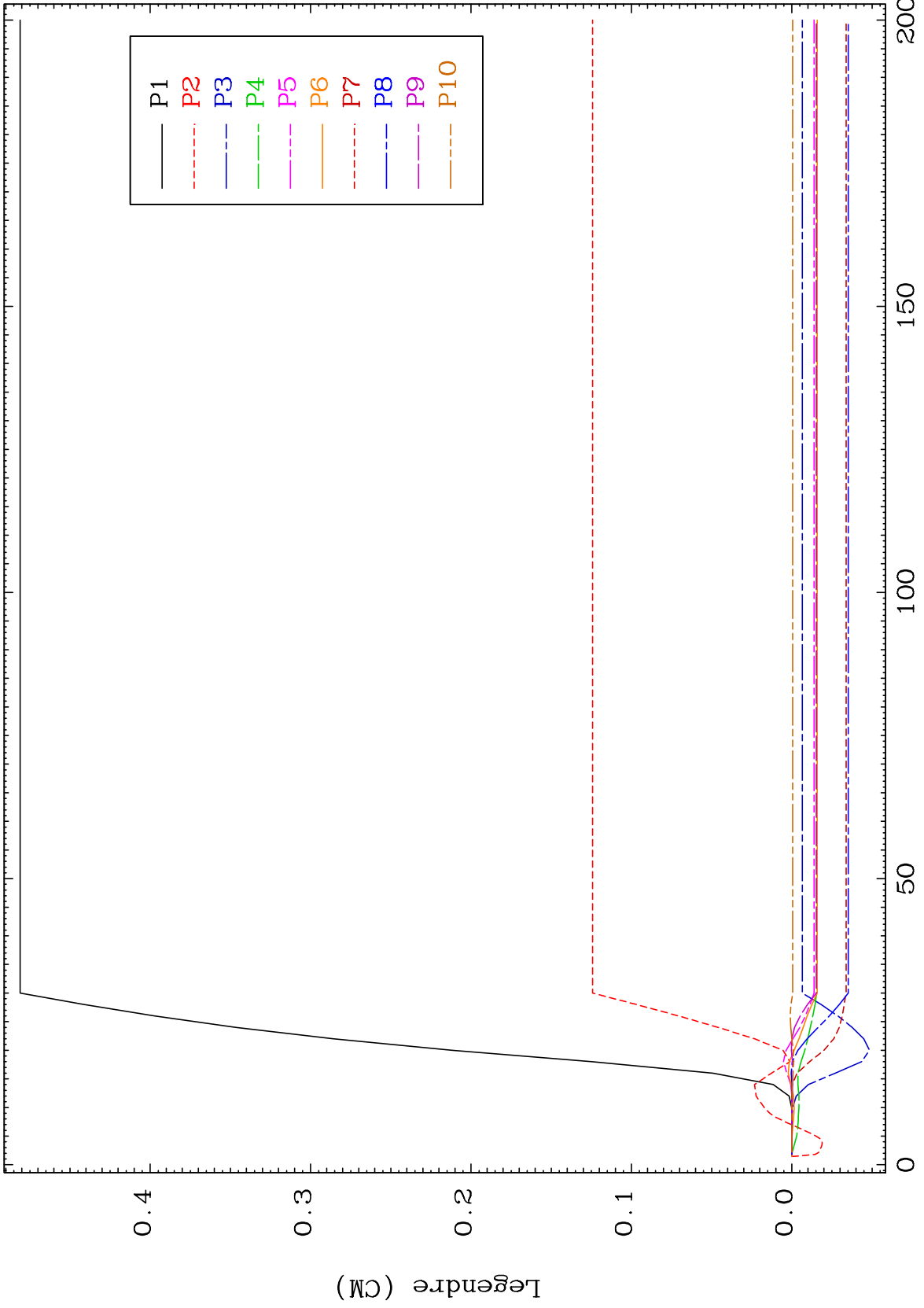


21 16-S -37

MAT 1640

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

16-S -37



22

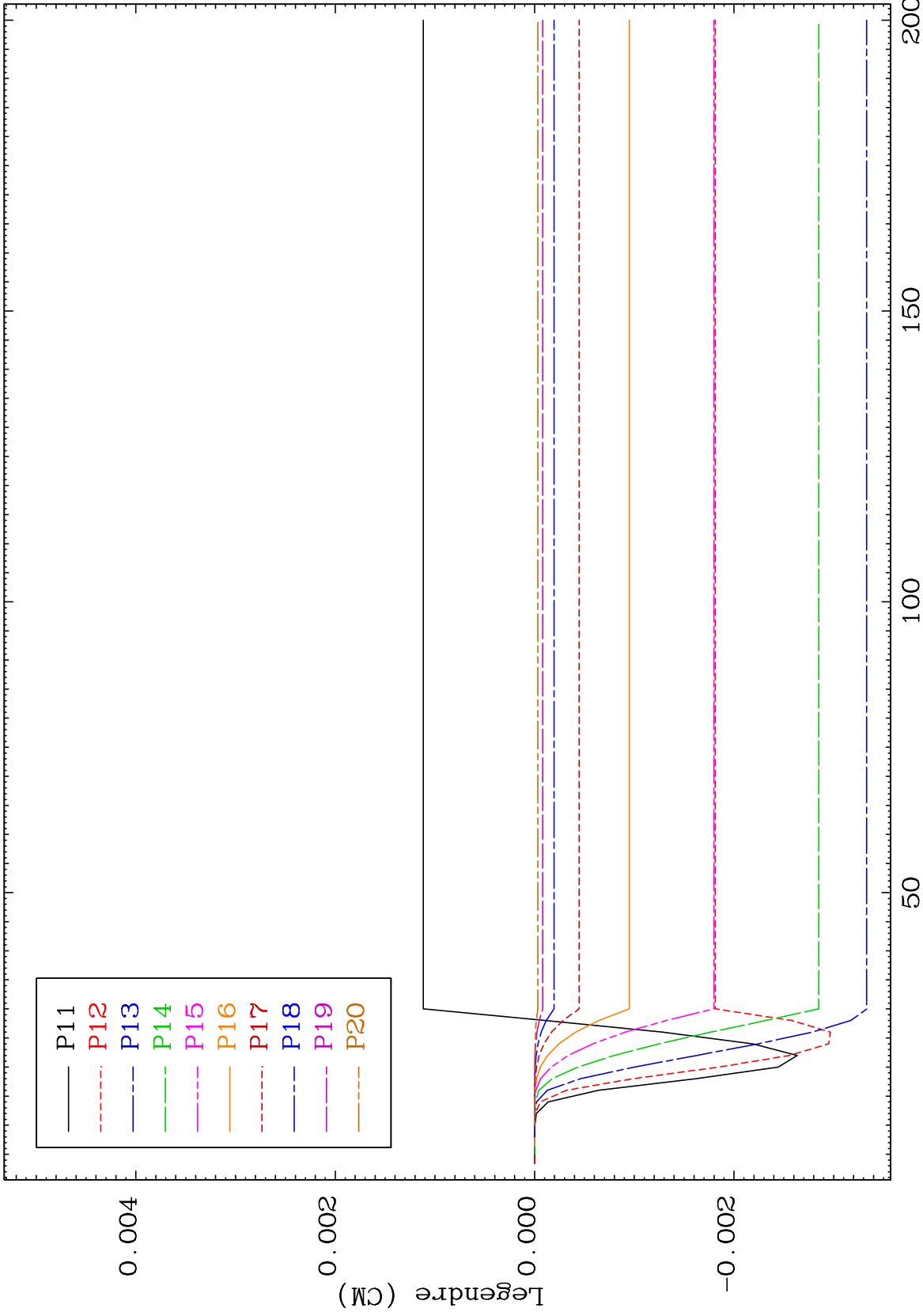
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37

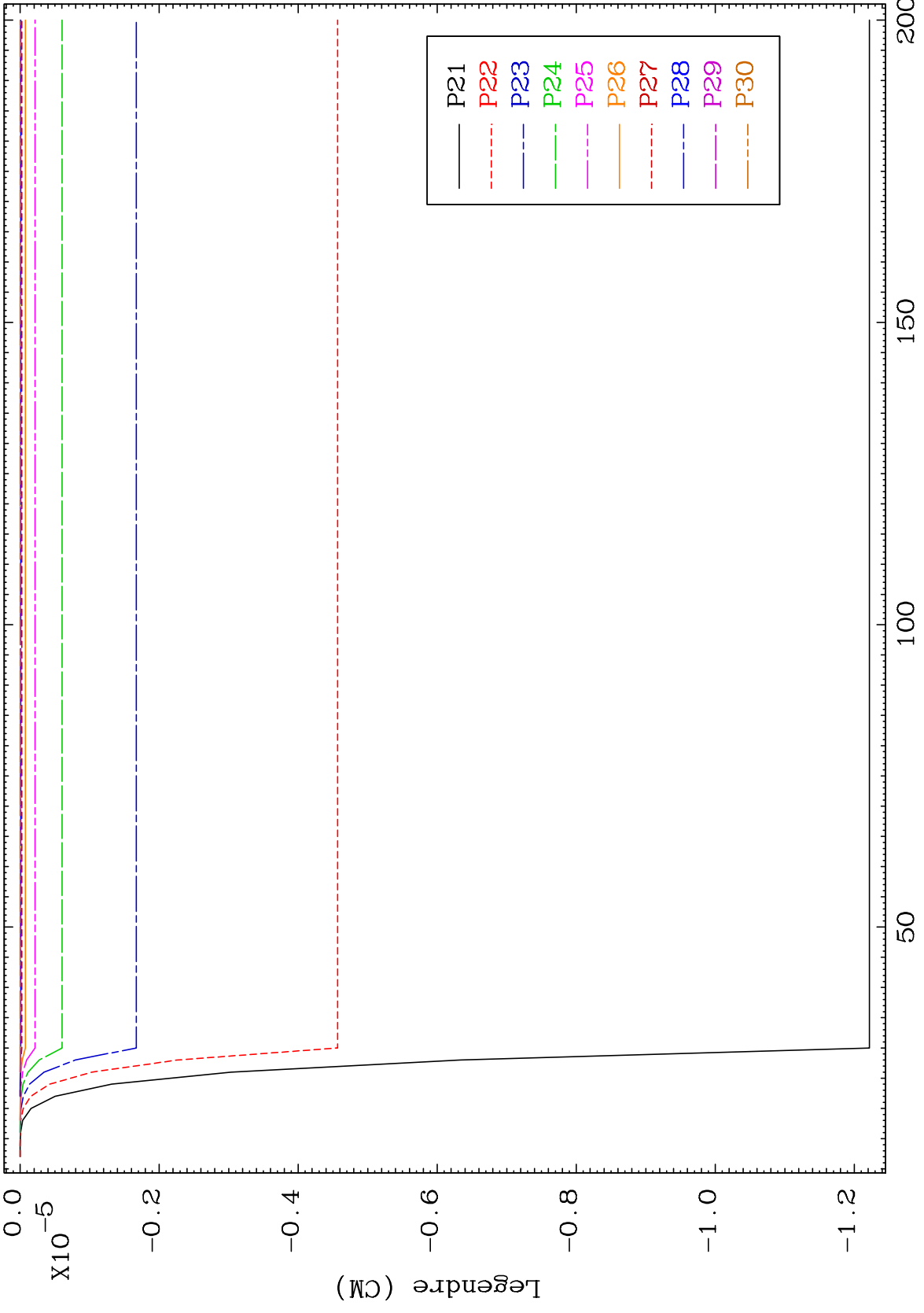


23

Incident Energy (MeV)

16-S -37

MAT 1640 MT= 52 (n,n') Level Legendre Coefficients 16-S -37

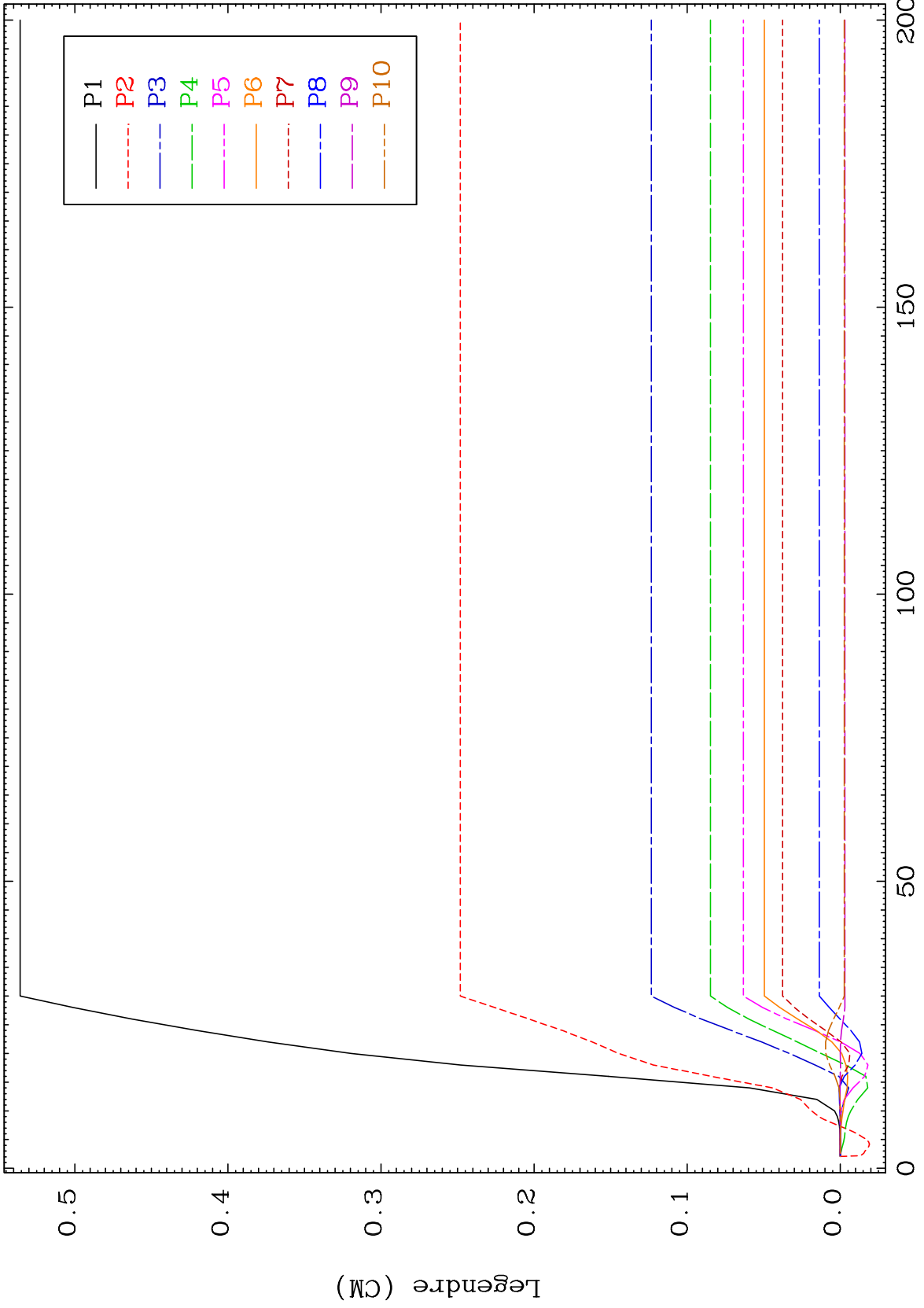


24 Incident Energy (MeV) 16-S -37

MAT 1640

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

16-S -37



25

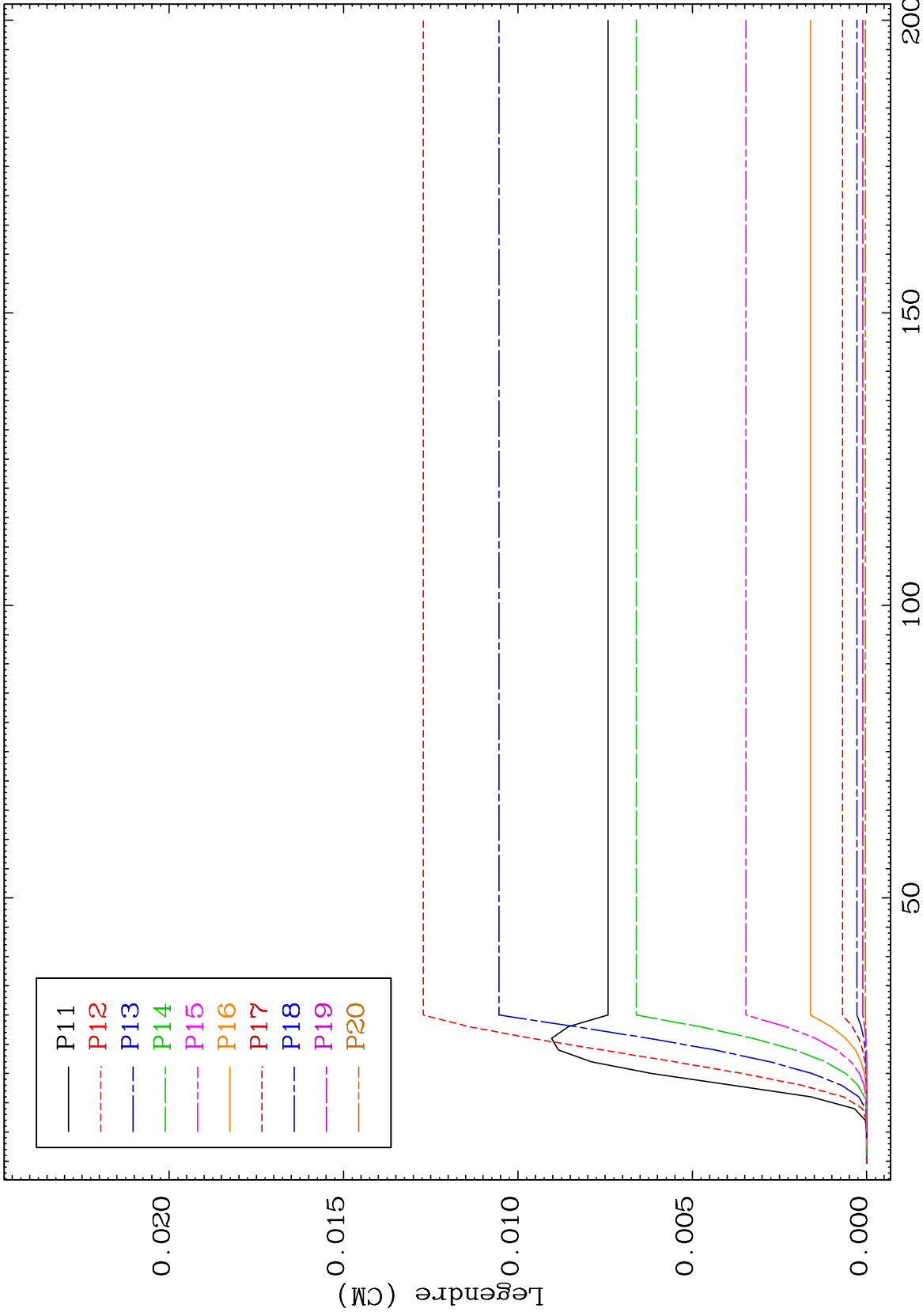
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37



26

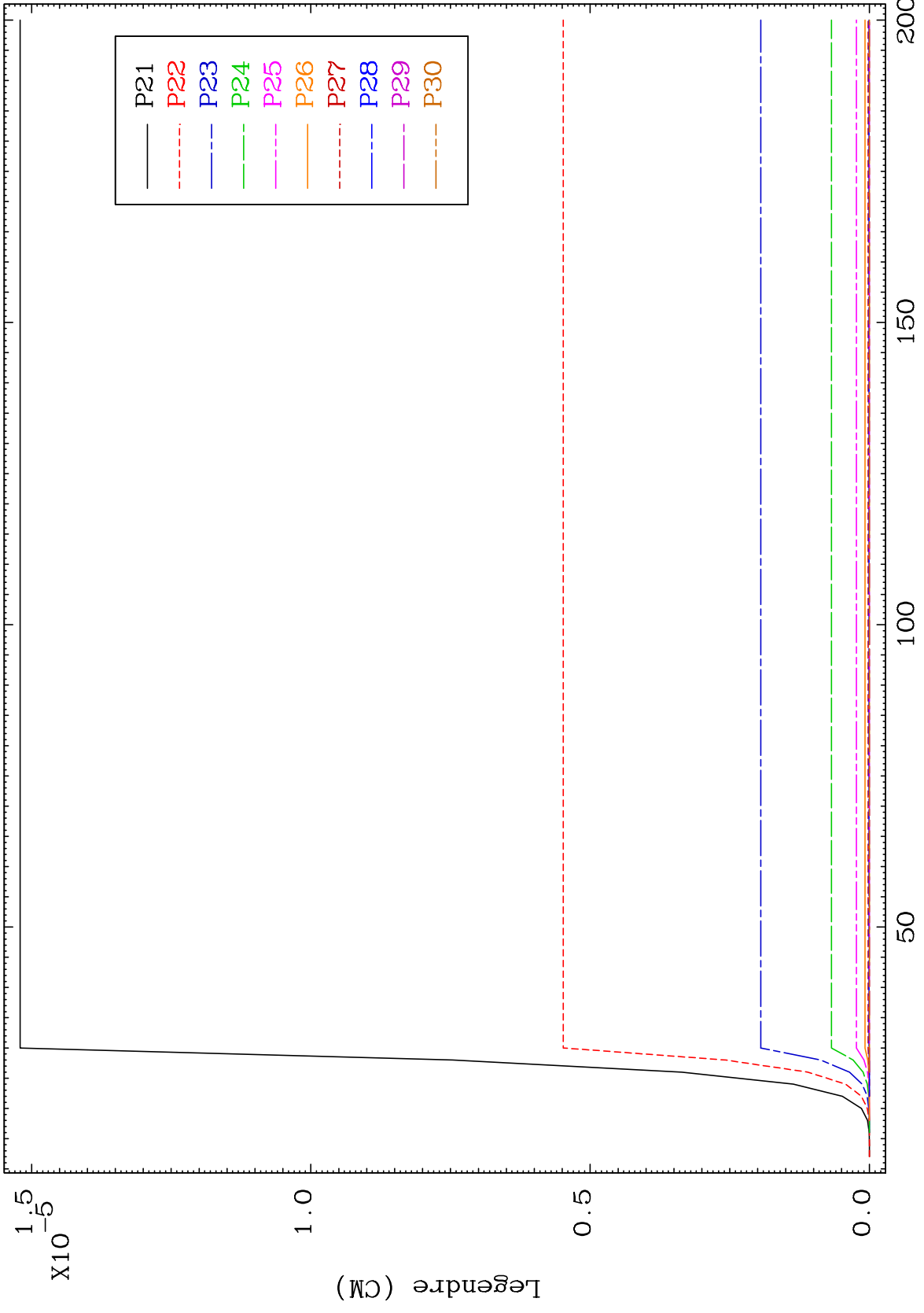
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37



27

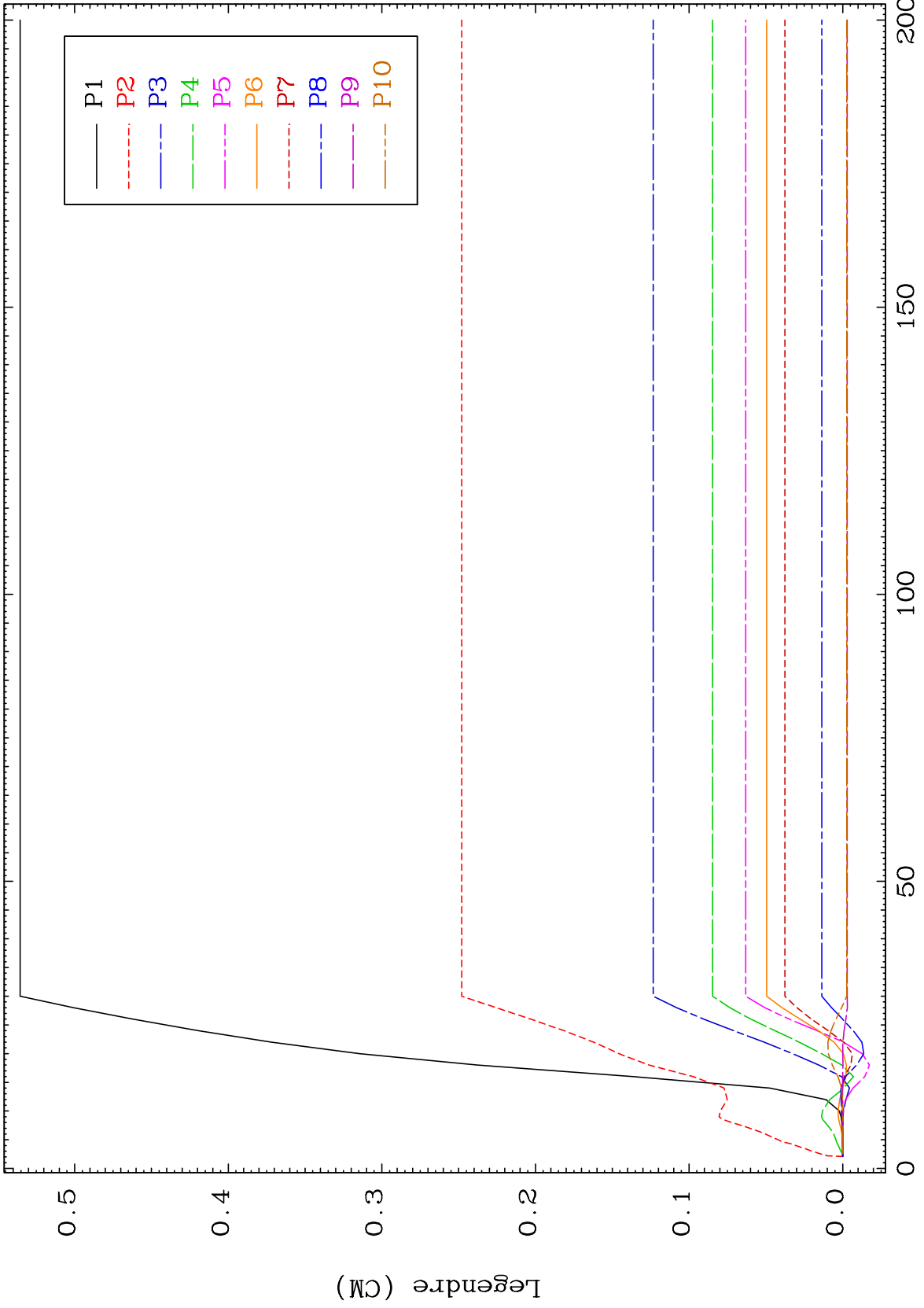
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37



28

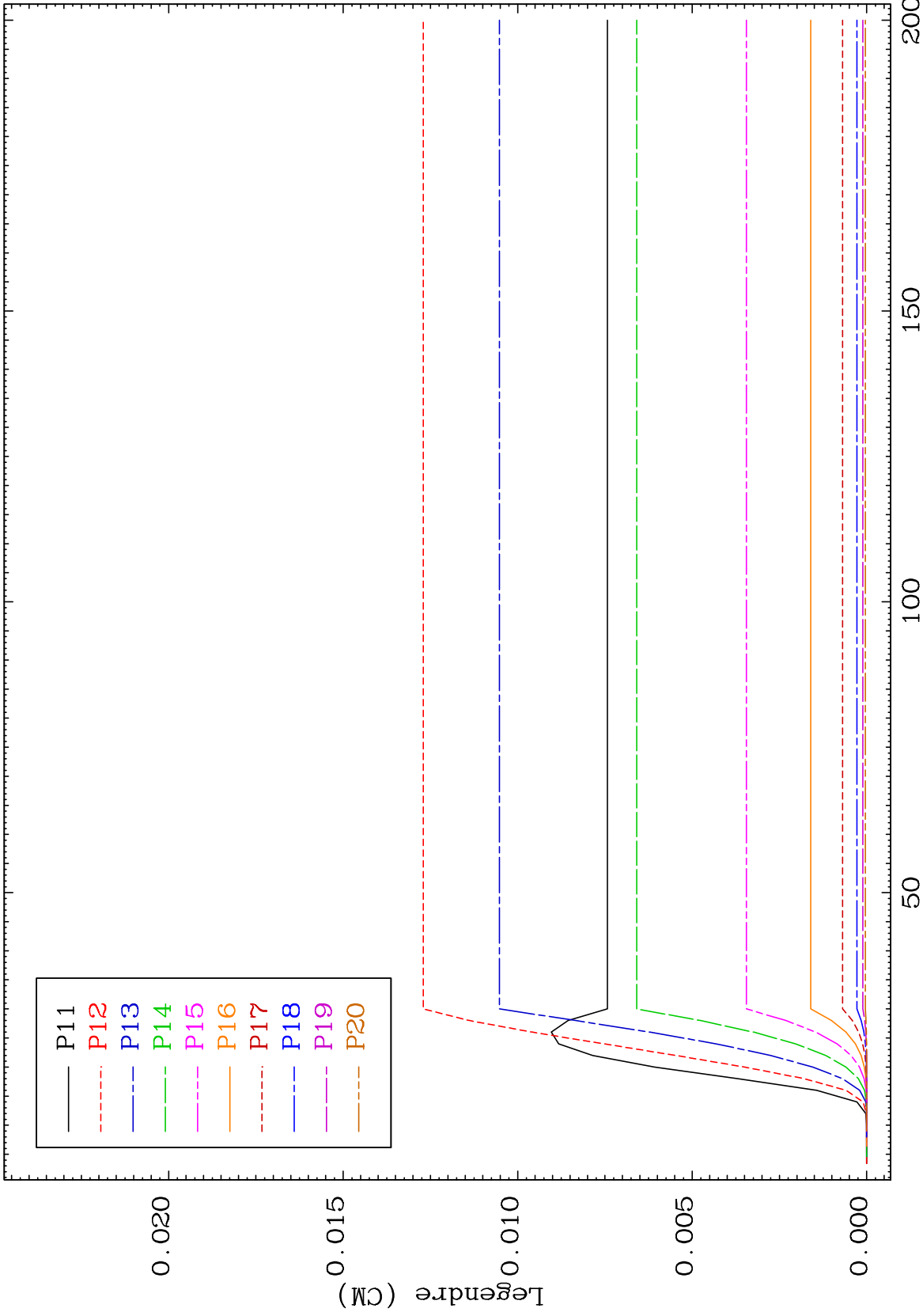
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37



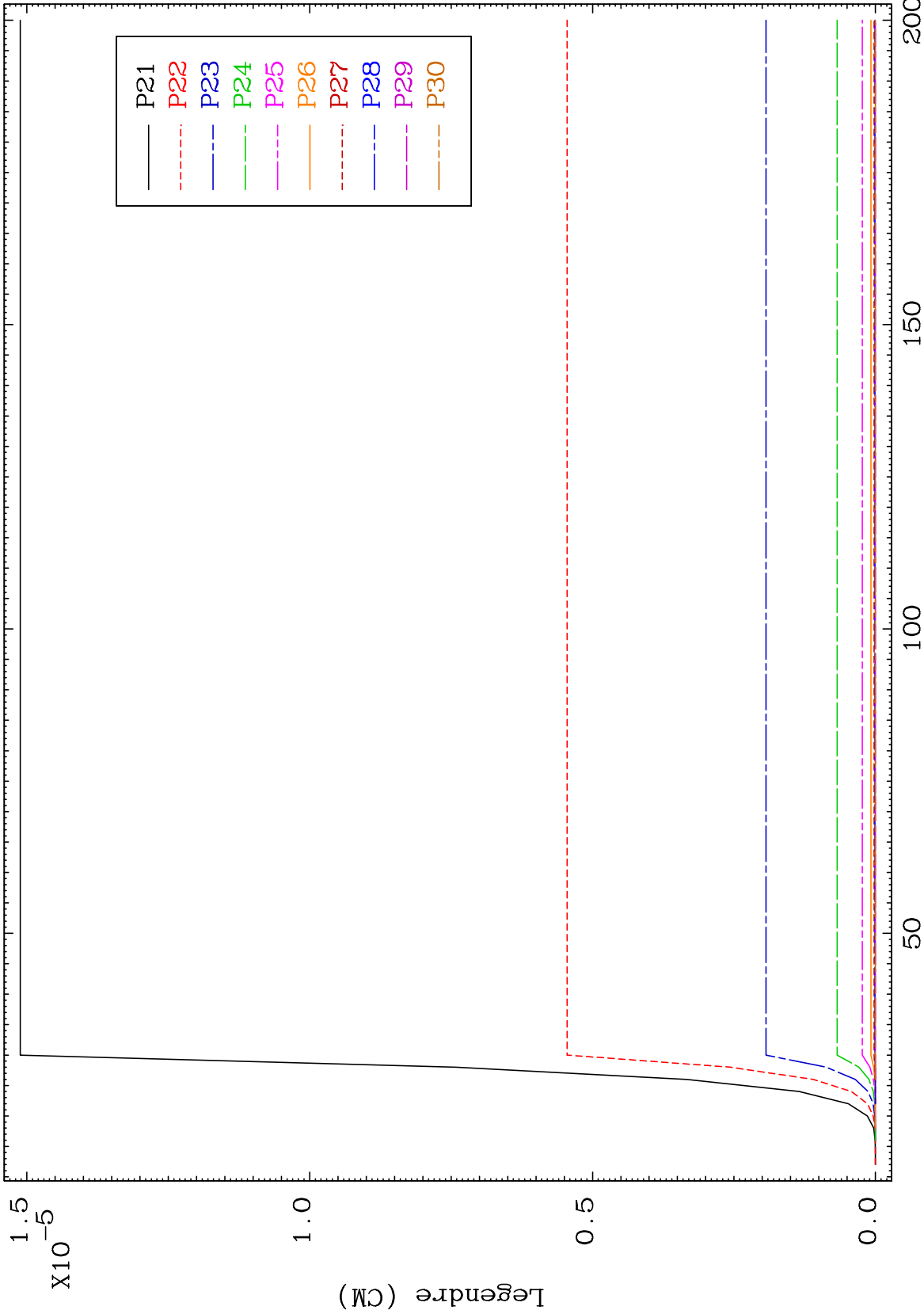
29

16-S -37

MAT 1640

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

16-S -37



30

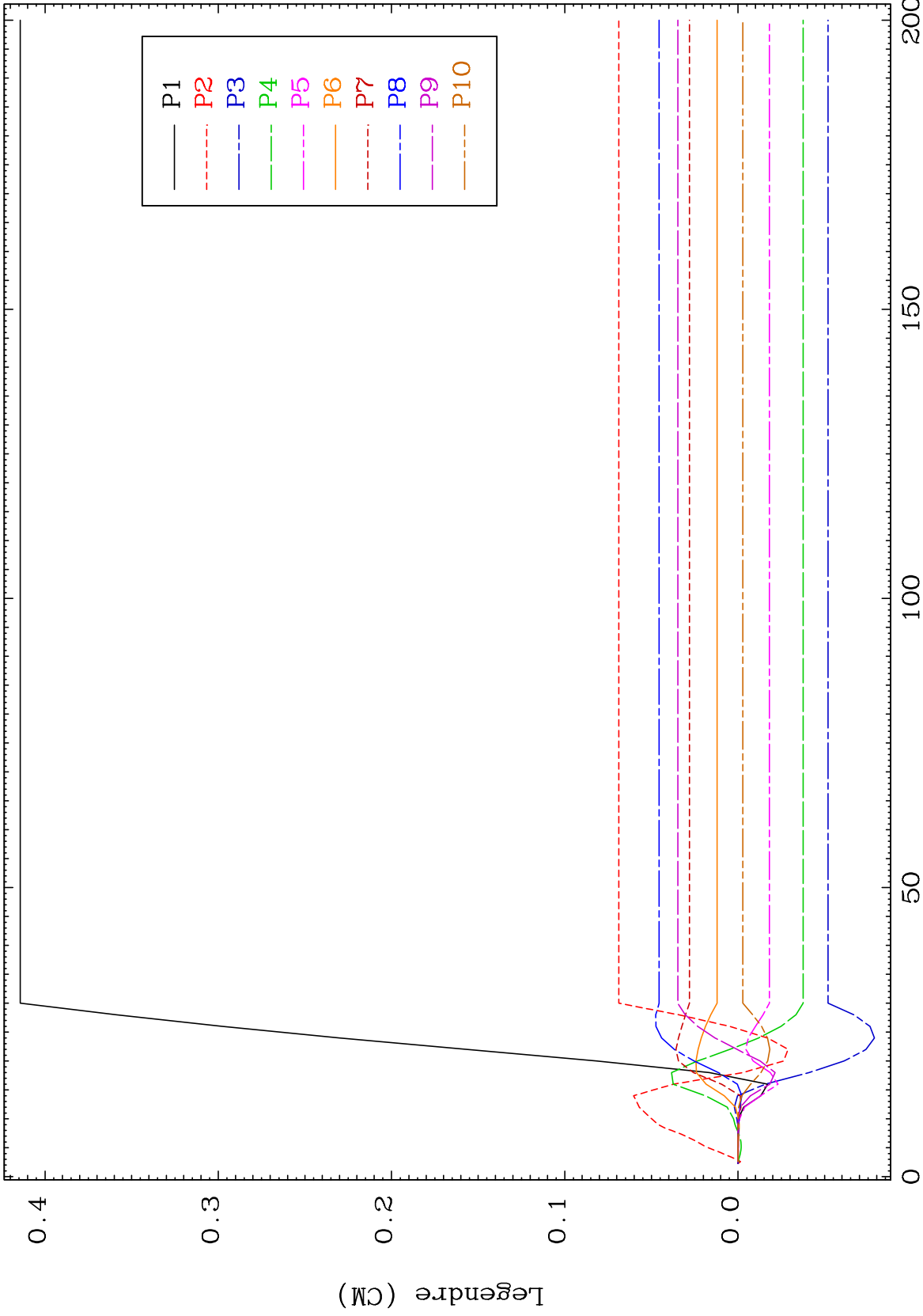
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37

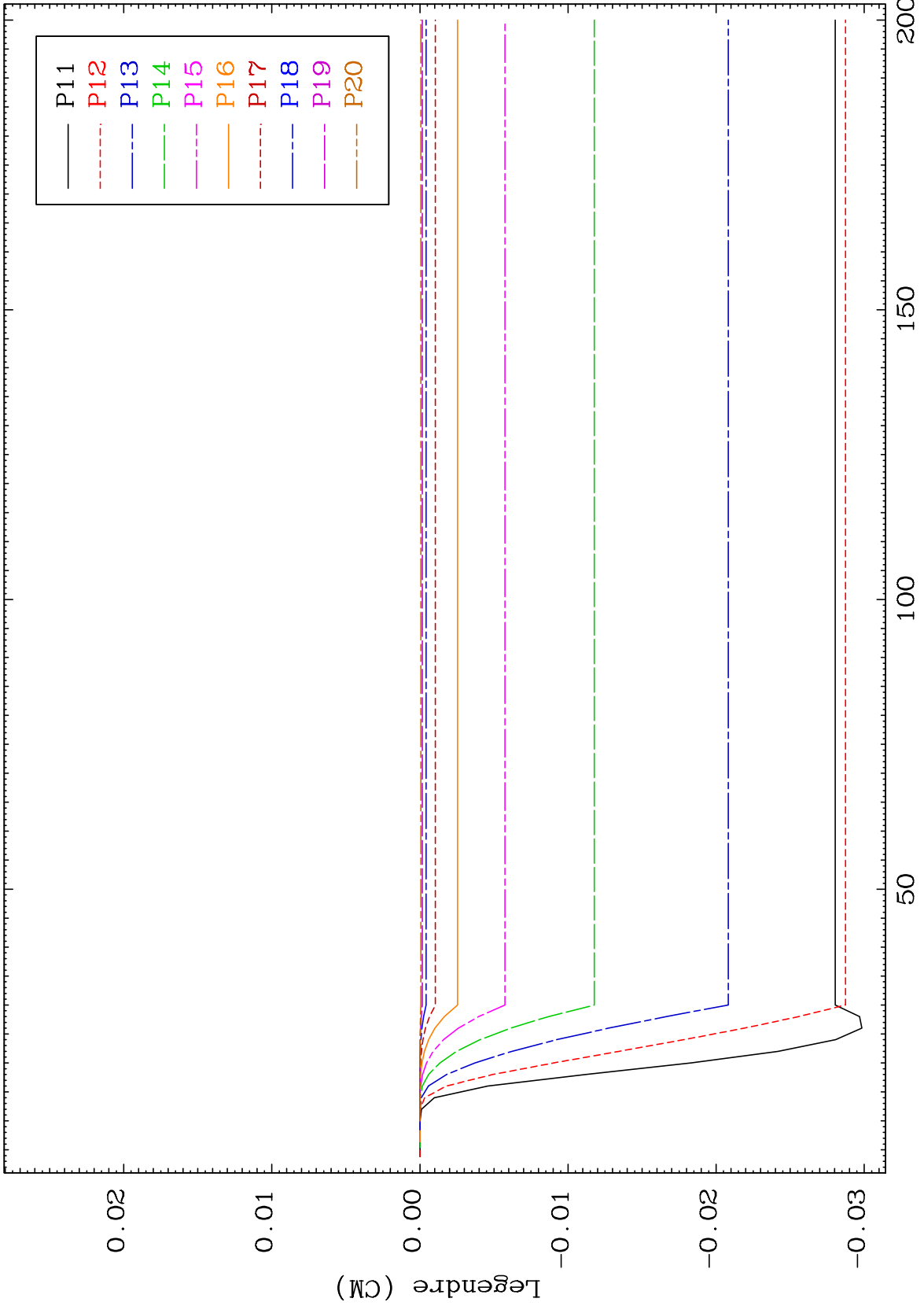


31

Incident Energy (MeV)

16-S -37

MAT 1640 MT= 55 (n,n') Level Legendre Coefficients 16-S -37

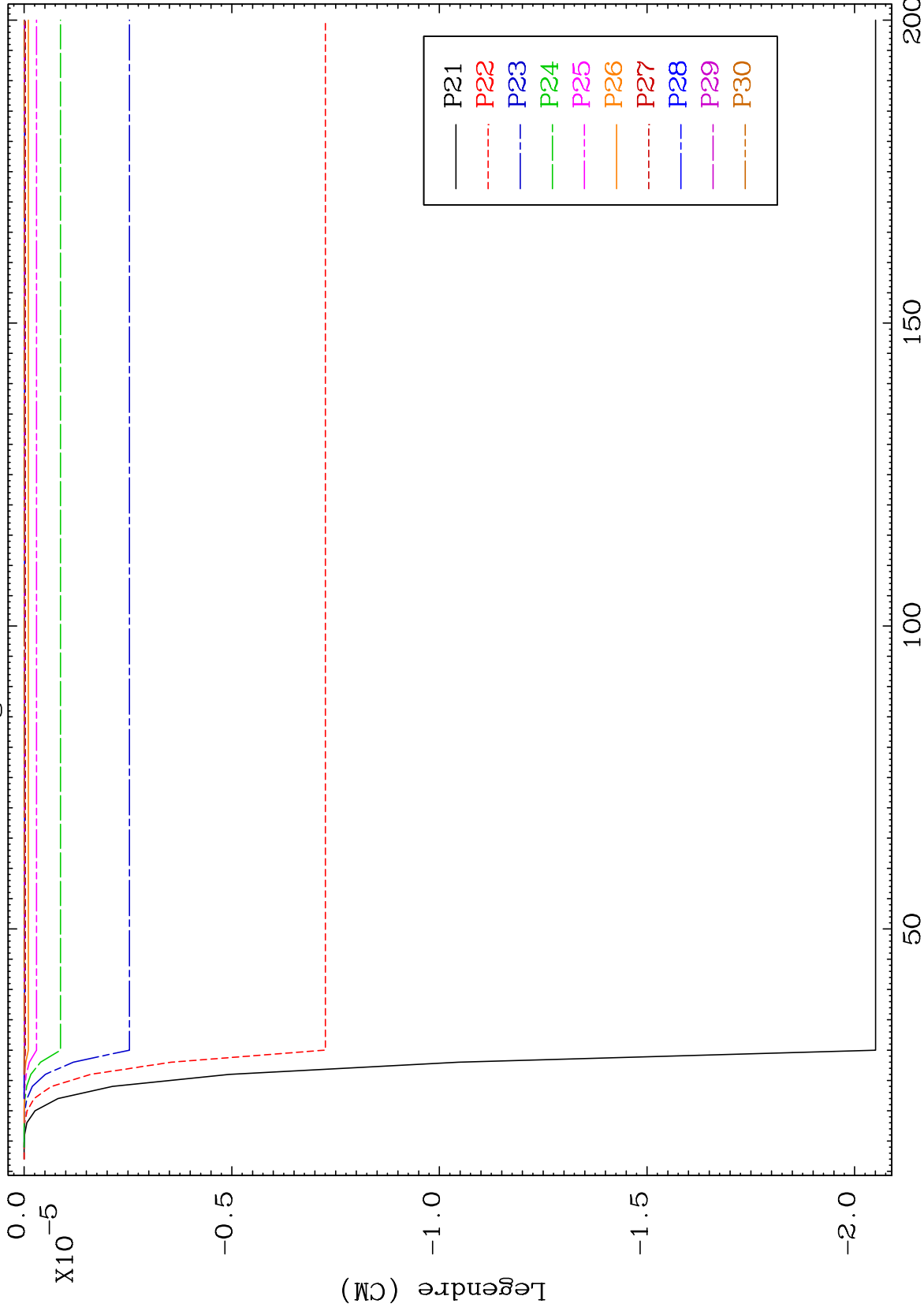


32 50 100 150 200 16-S -37

MAT 1640 MT= 55 (n,n') Level

Legendre Coefficients

16-S -37



16-S -37

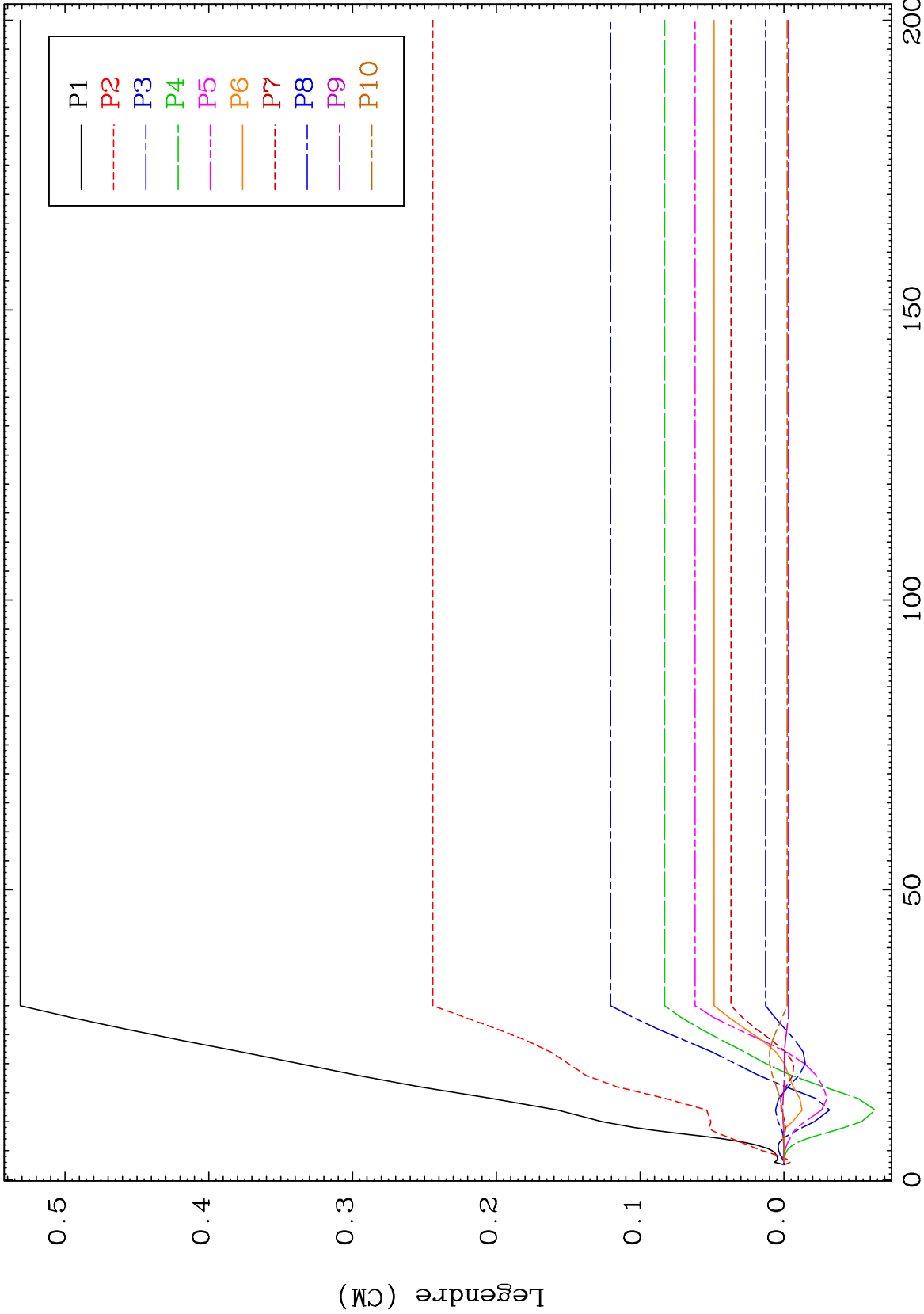
Incident Energy (MeV)

33

MAT 1640

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

16-S -37



34

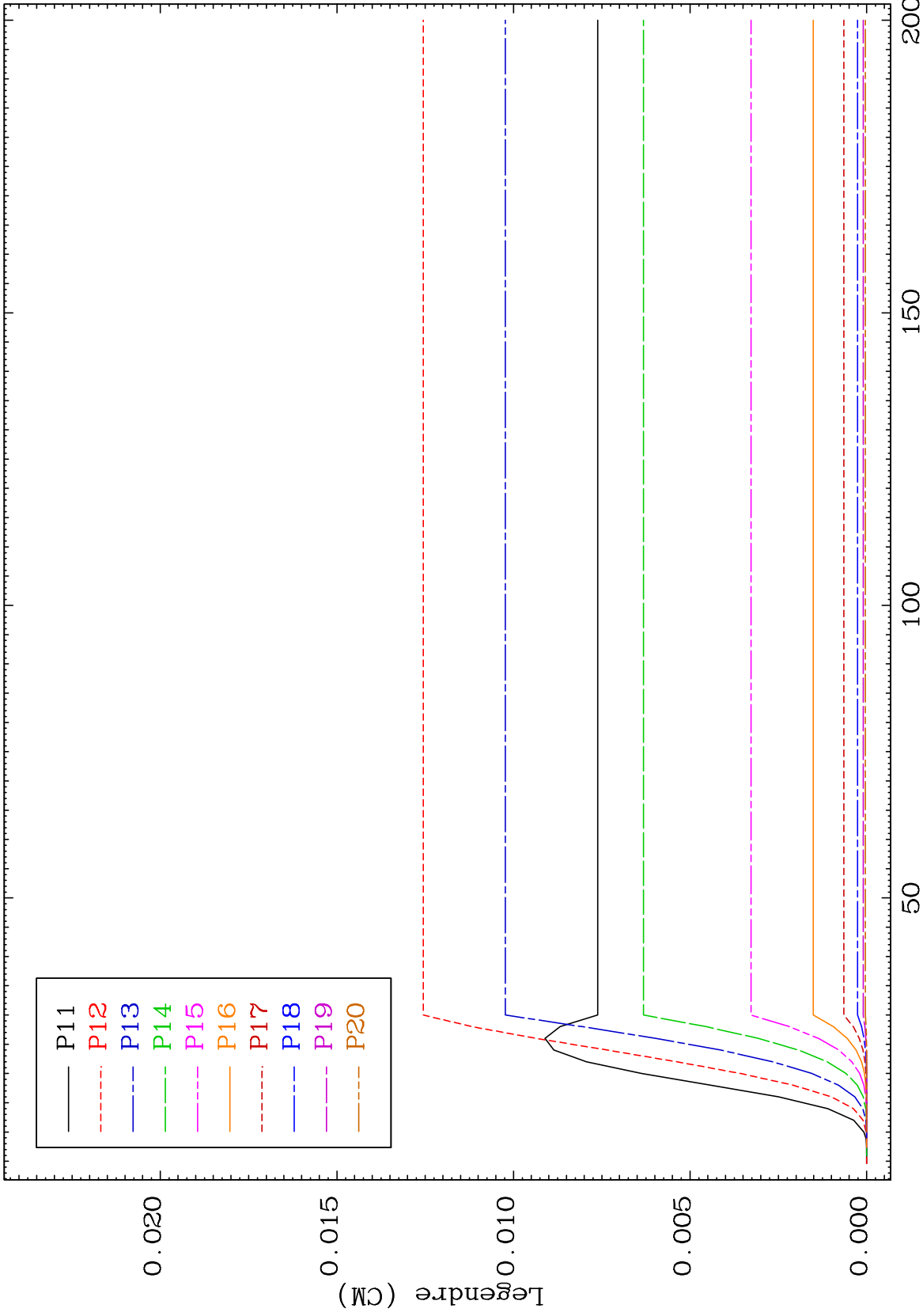
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37



35

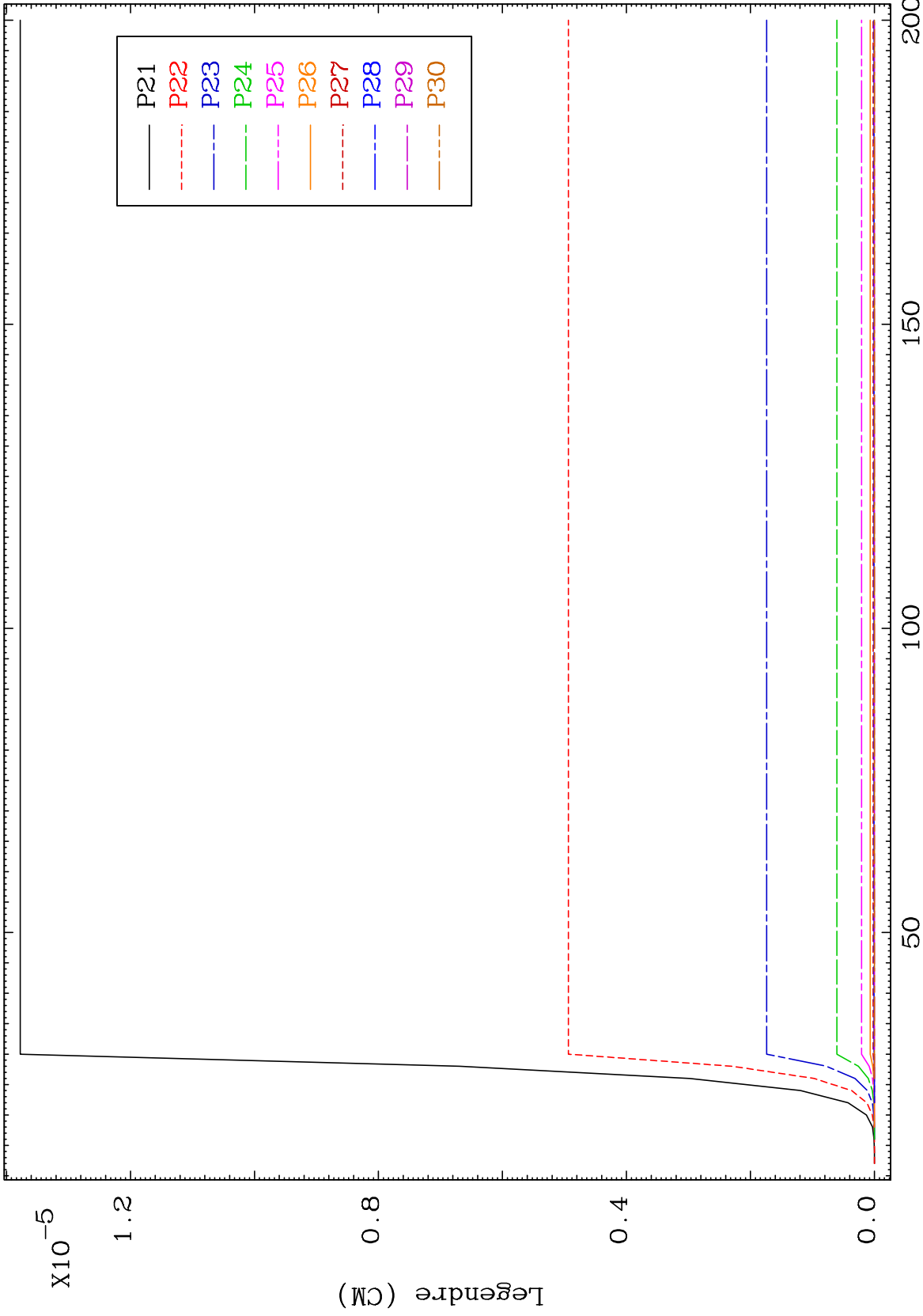
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37



36

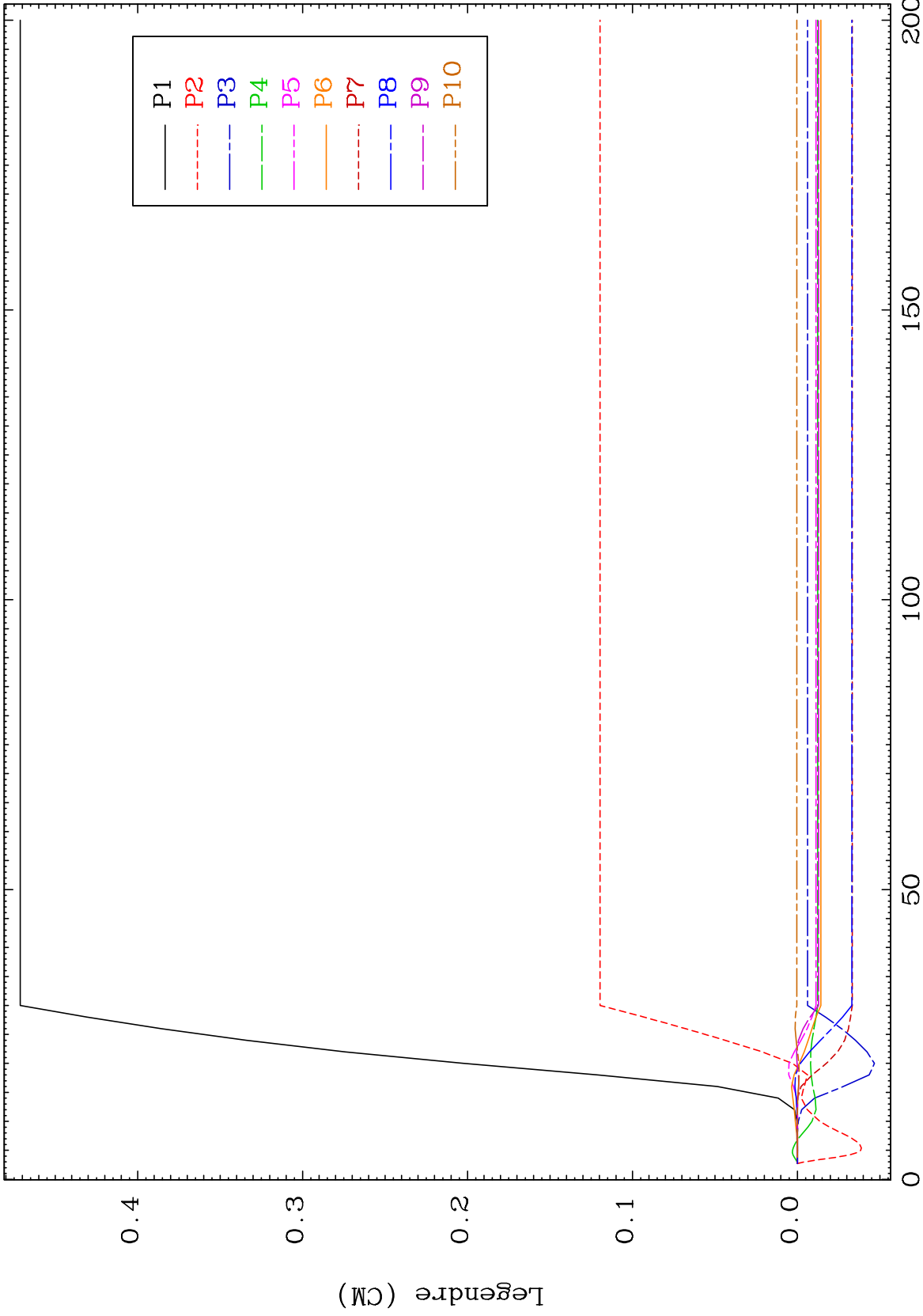
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37



37

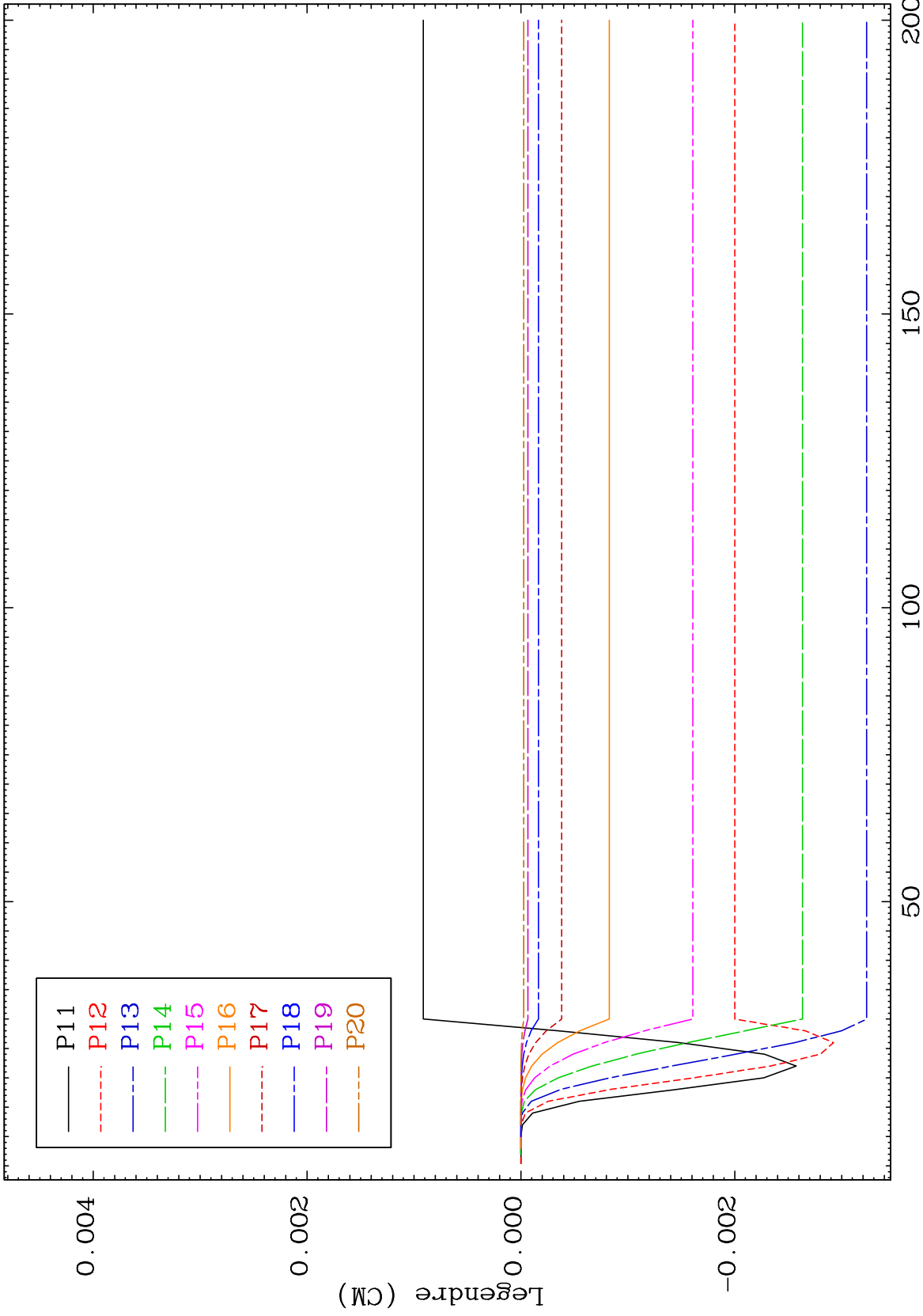
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37

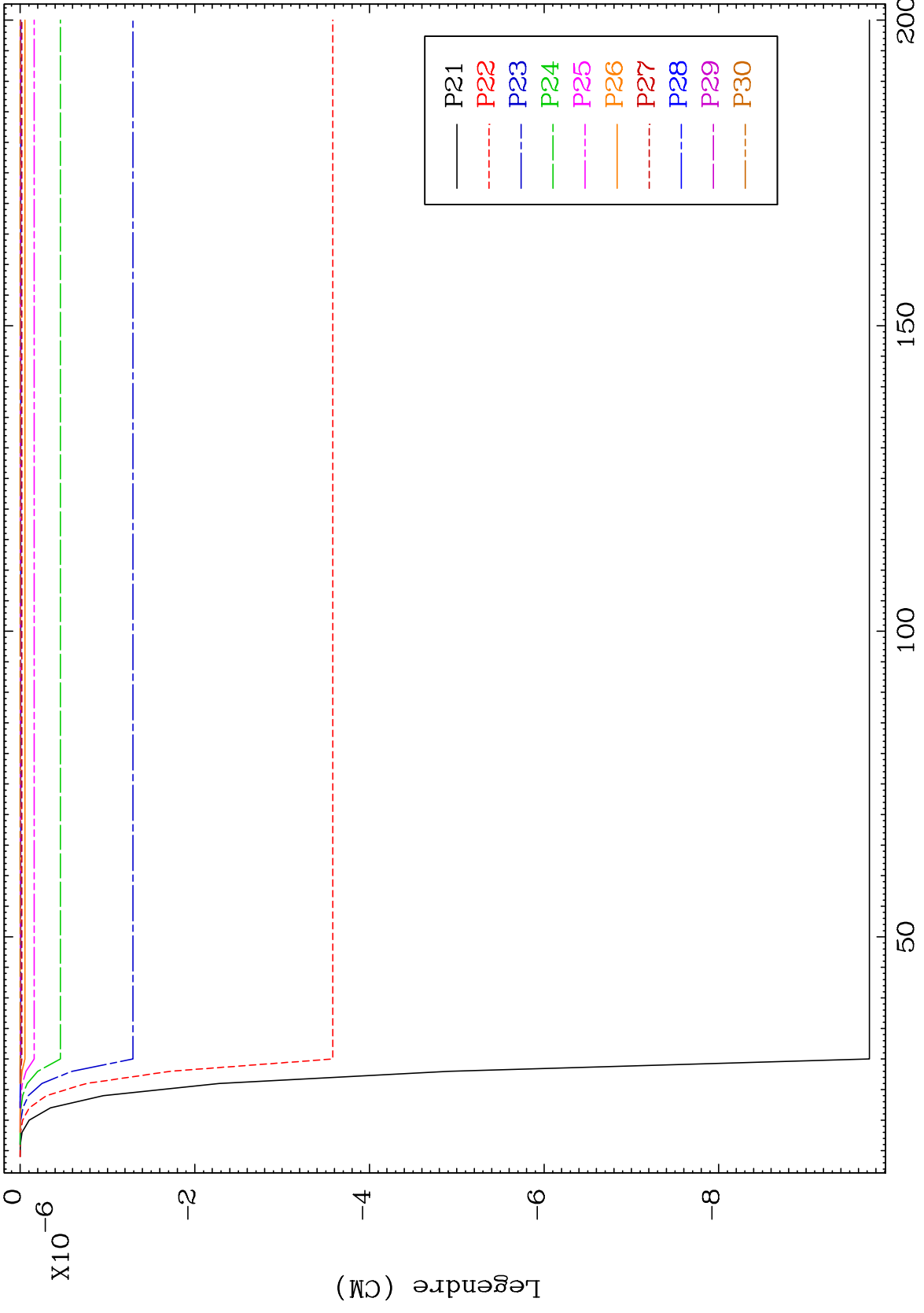


38

Incident Energy (MeV)

16-S -37

MAT 1640 MT= 57 (n,n') Level Legendre Coefficients 16-S -37

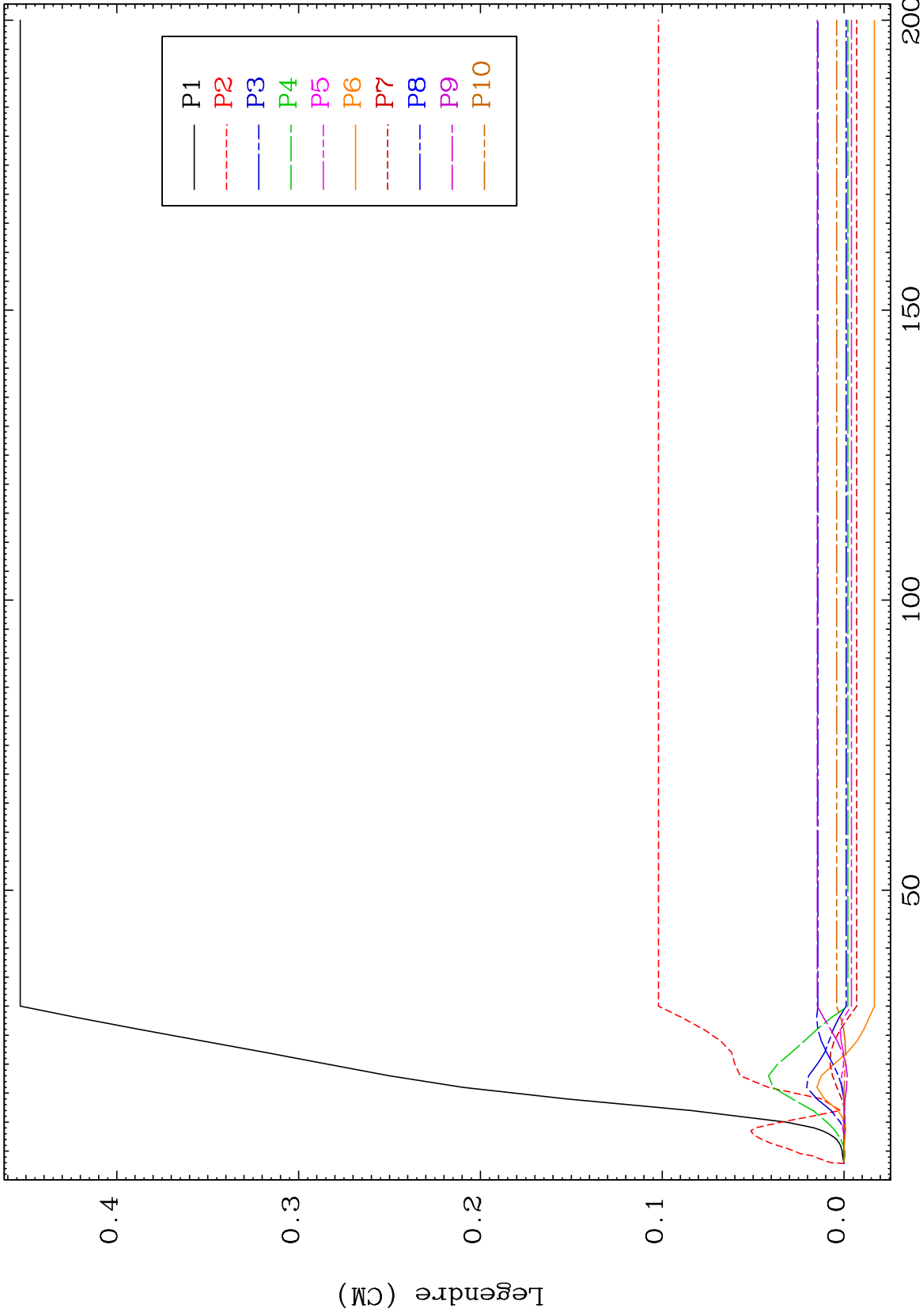


39 16-S -37

MAT 1640

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

16-S -37

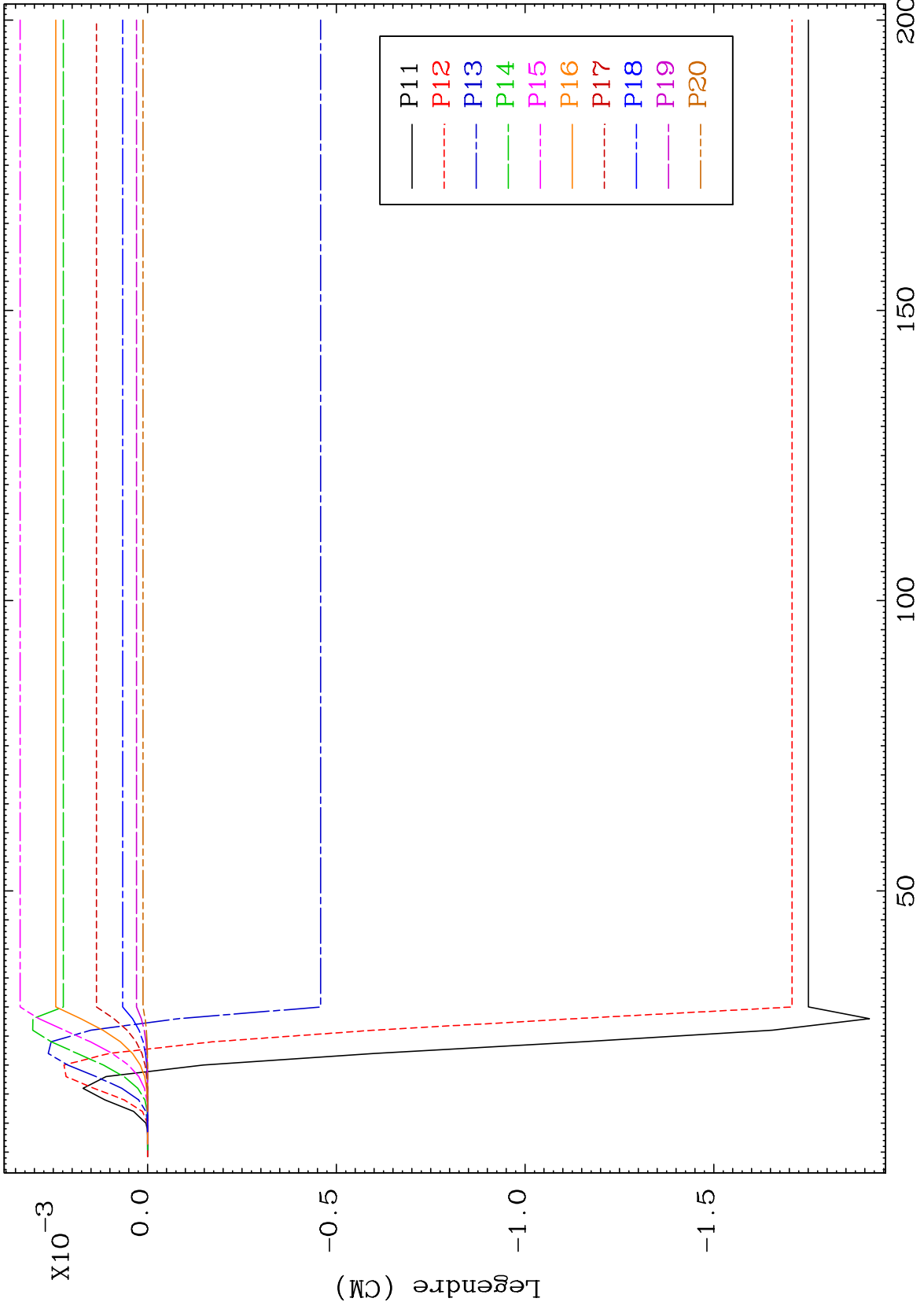


40

Incident Energy (MeV)

16-S -37

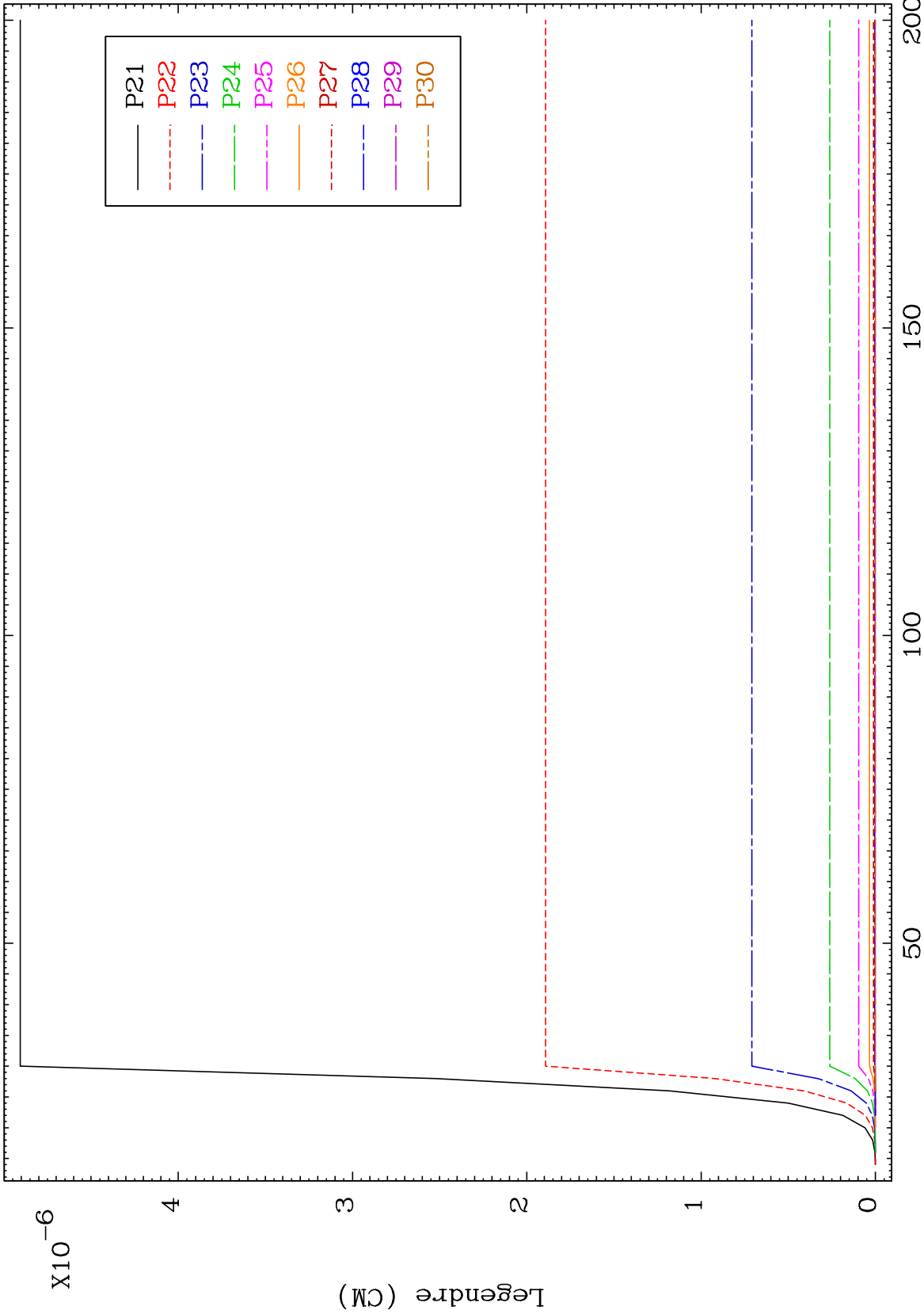
MAT 1640 MT= 58 (n,n') Level Legendre Coefficients 16-S -37



MAT 1640

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

16-S -37

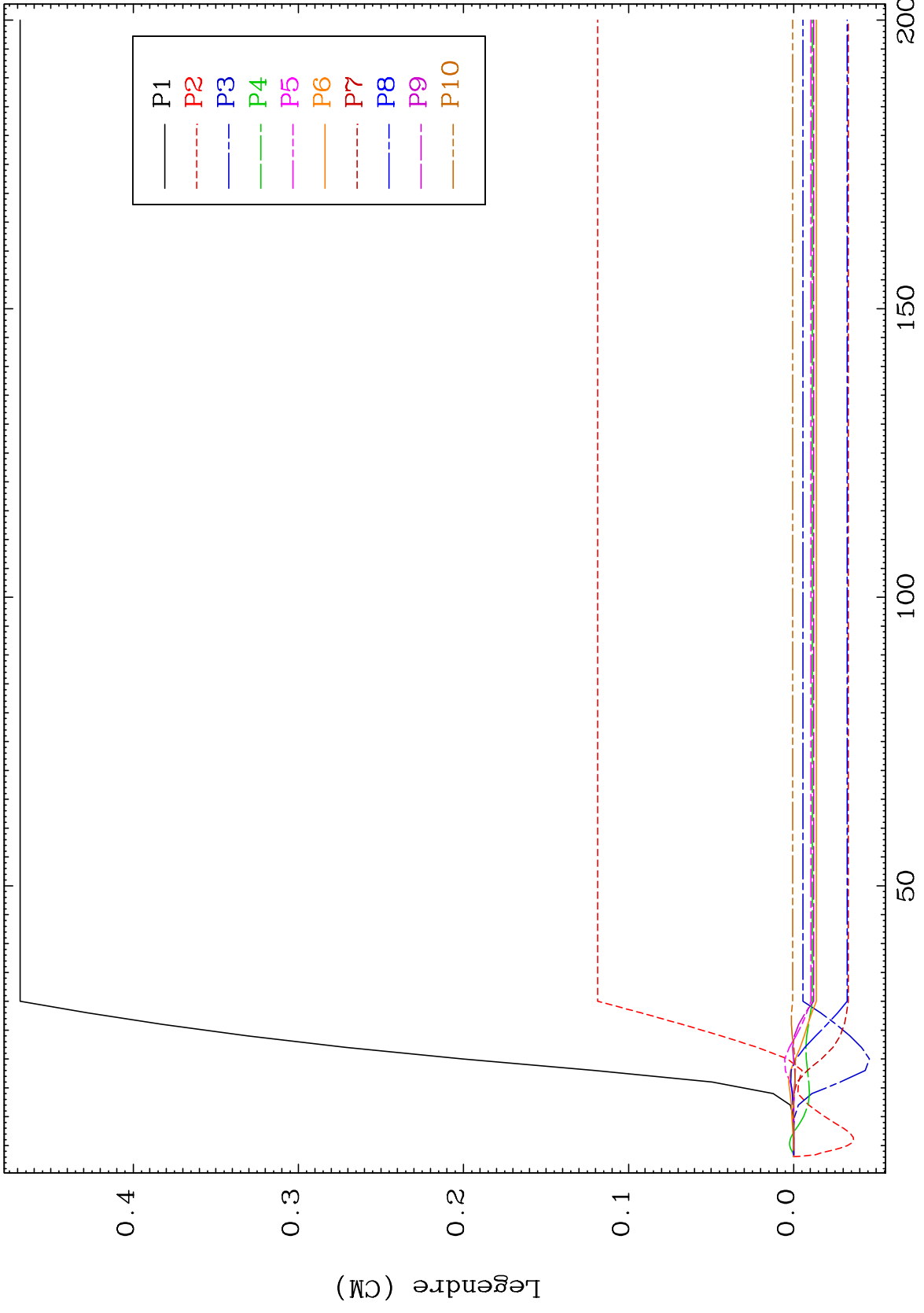


42

Incident Energy (MeV)

16-S -37

MAT 1640 MT= 59 (n,n') Level Legendre Coefficients 16-S -37

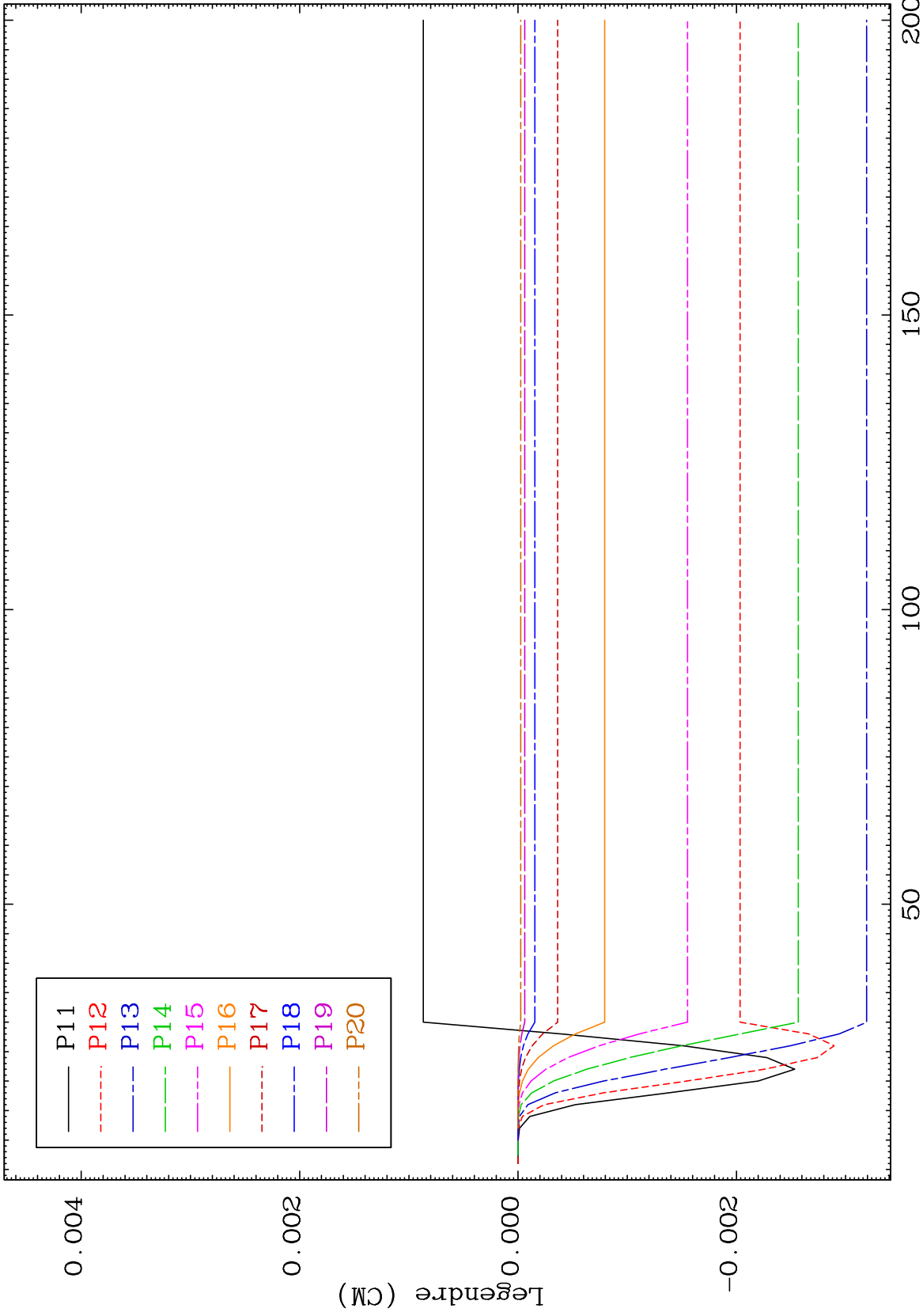


43 16-S -37

MAT 1640

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

16-S -37

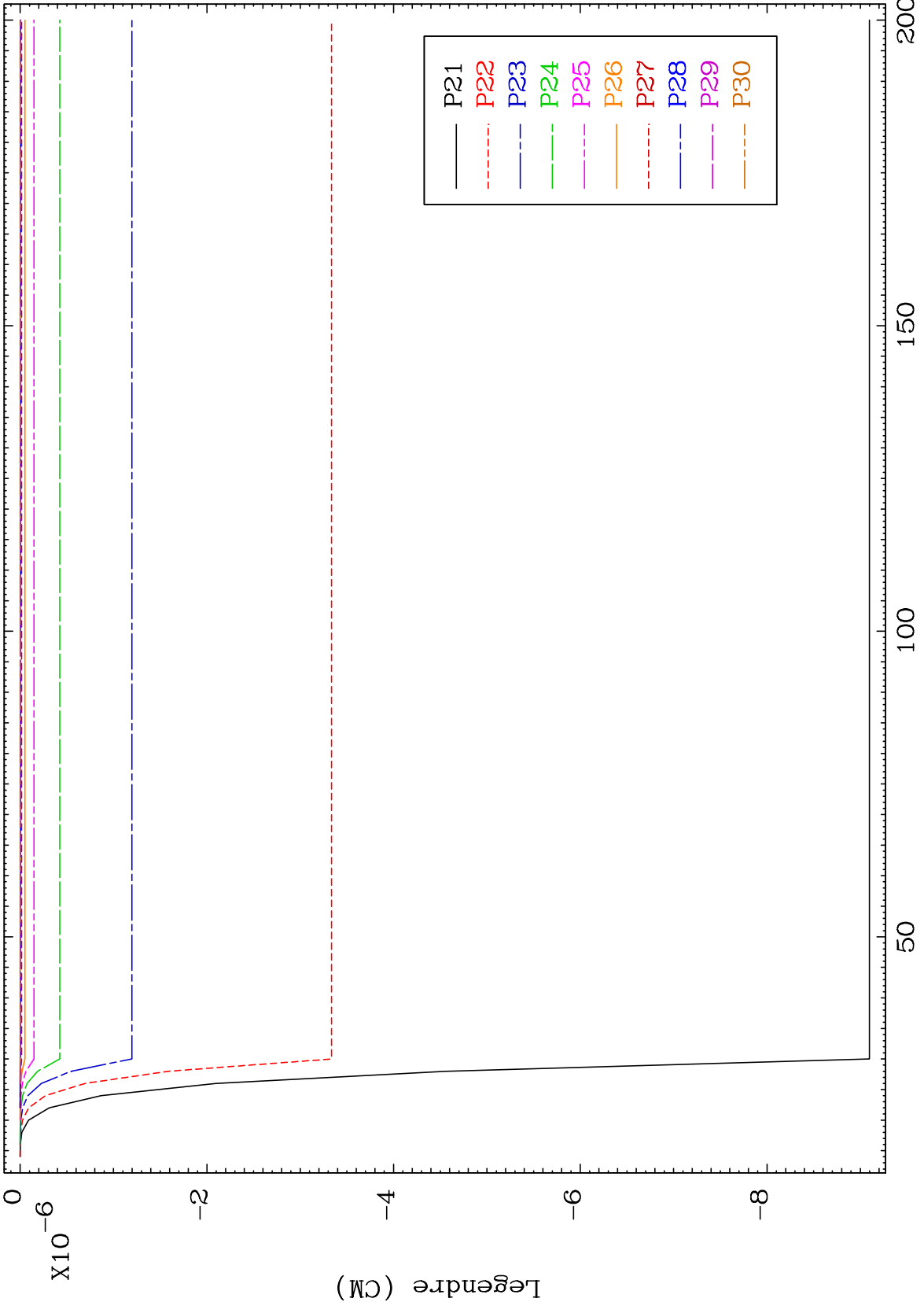


44

Incident Energy (MeV)

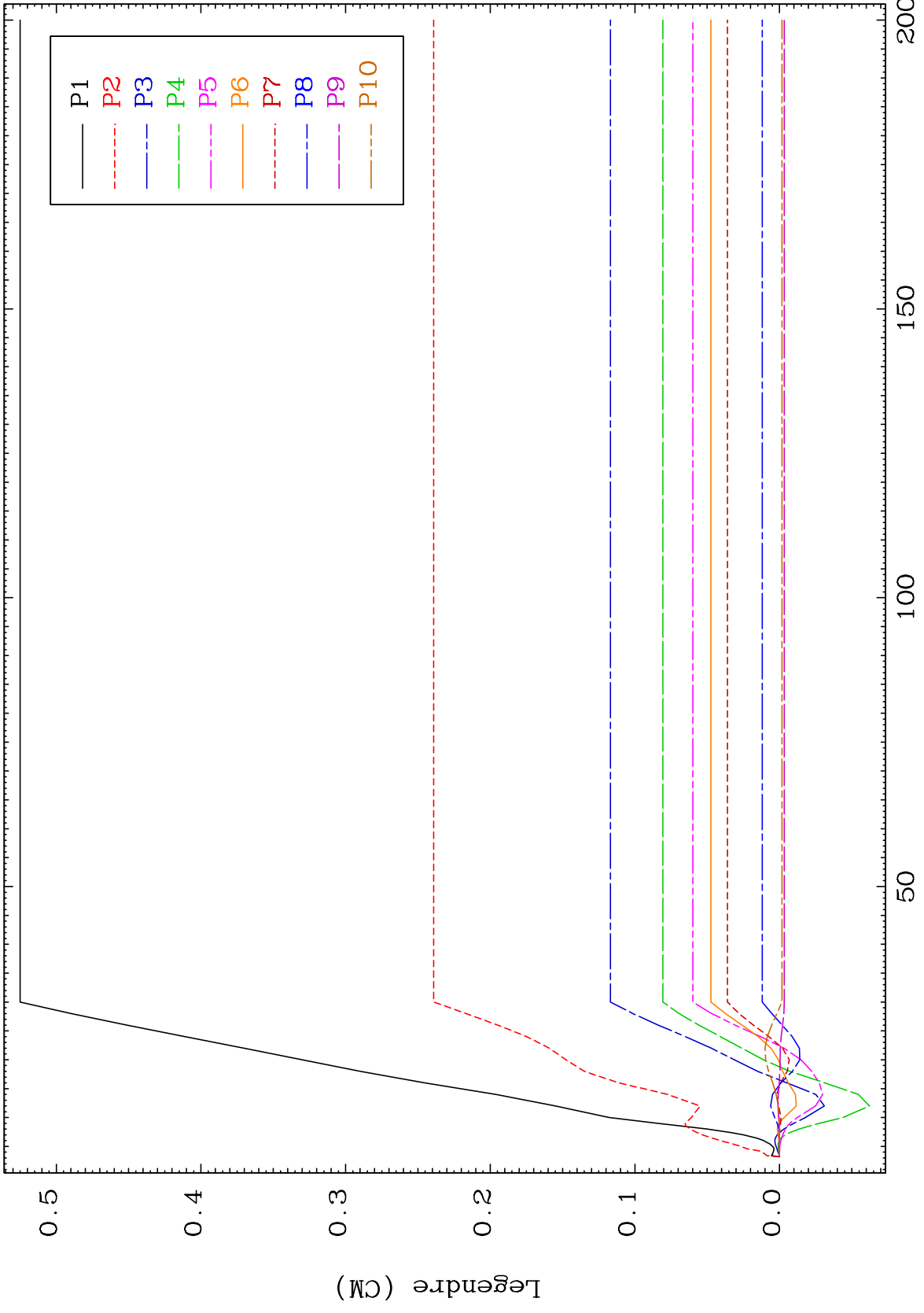
16-S -37

MAT 1640 MT= 59 (n,n') Level Legendre Coefficients 16-S -37



45 50 100 150 200 Incident Energy (MeV) 16-S -37

MAT 1640 MT= 60 (n,n') Level Legendre Coefficients 16-S -37

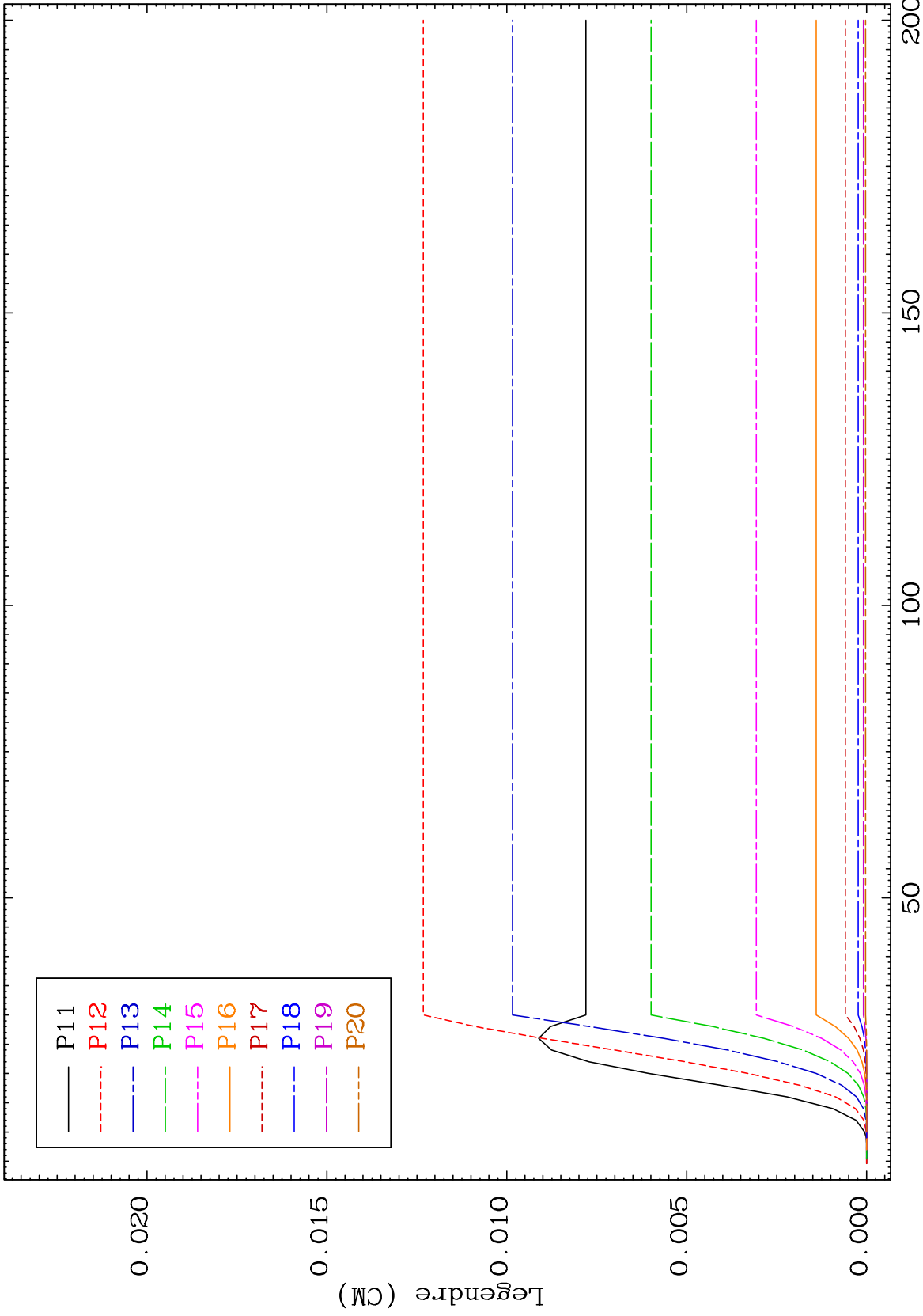


46 16-S -37

MAT 1640

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

16-S -37



47

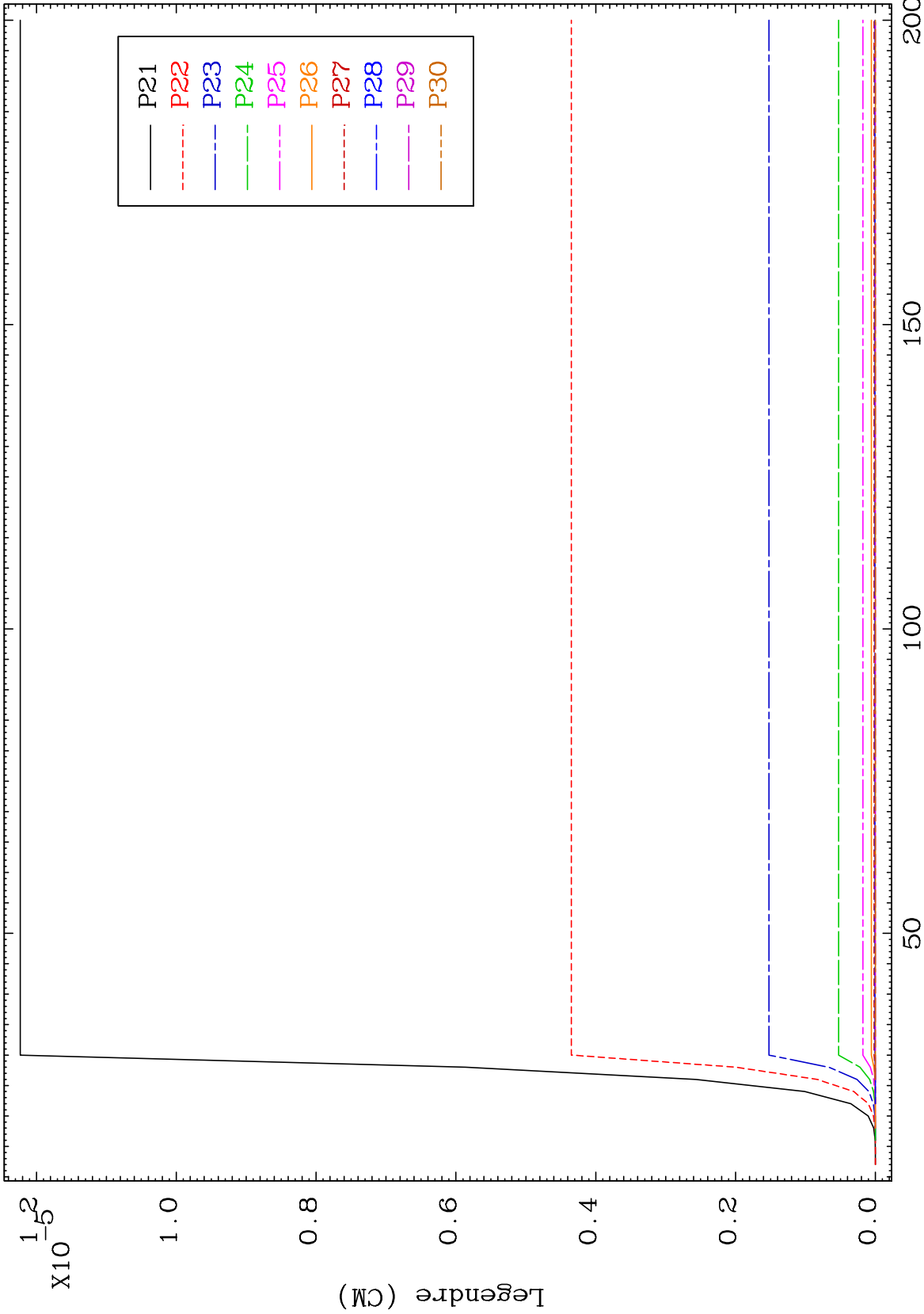
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37



48

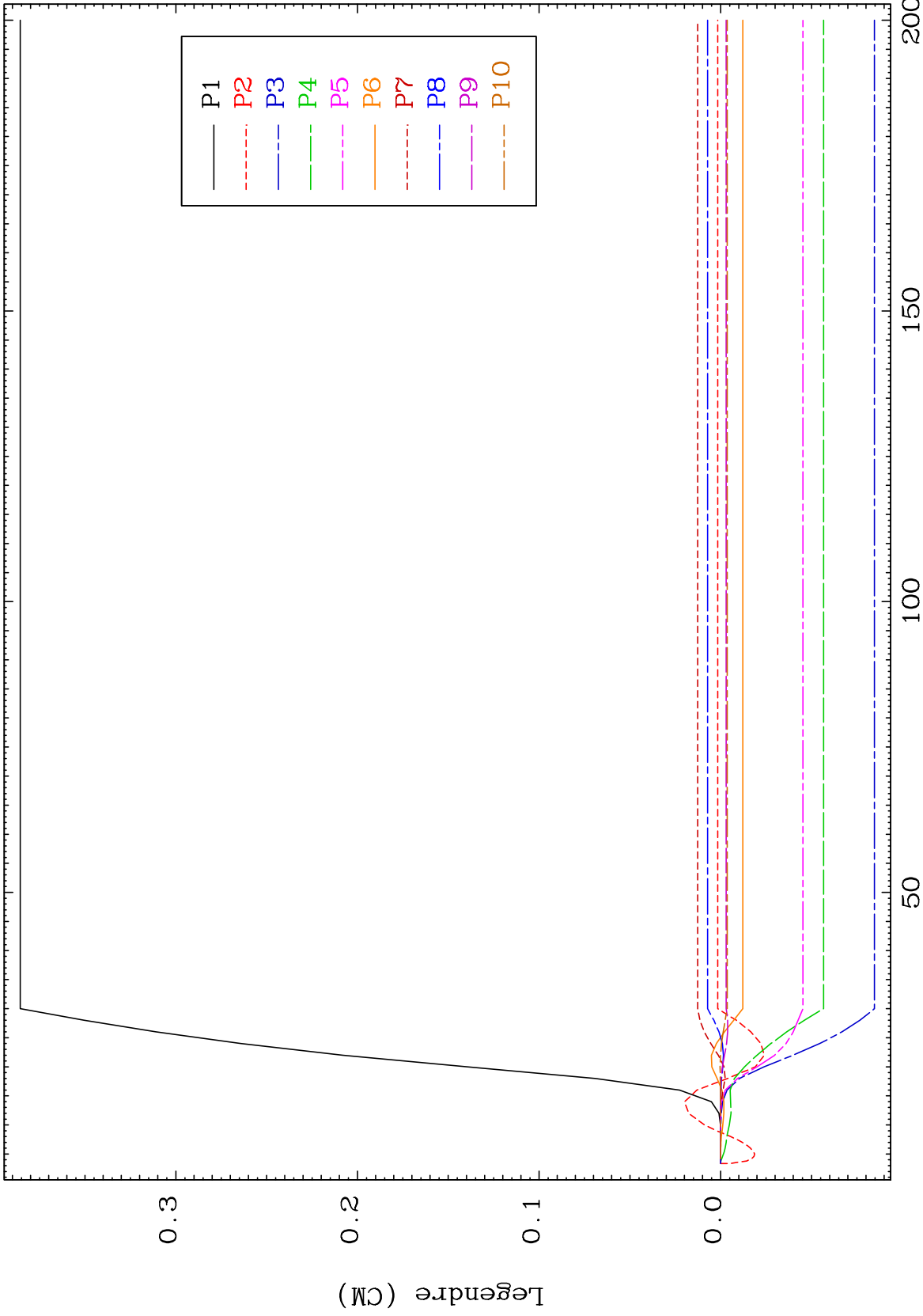
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37

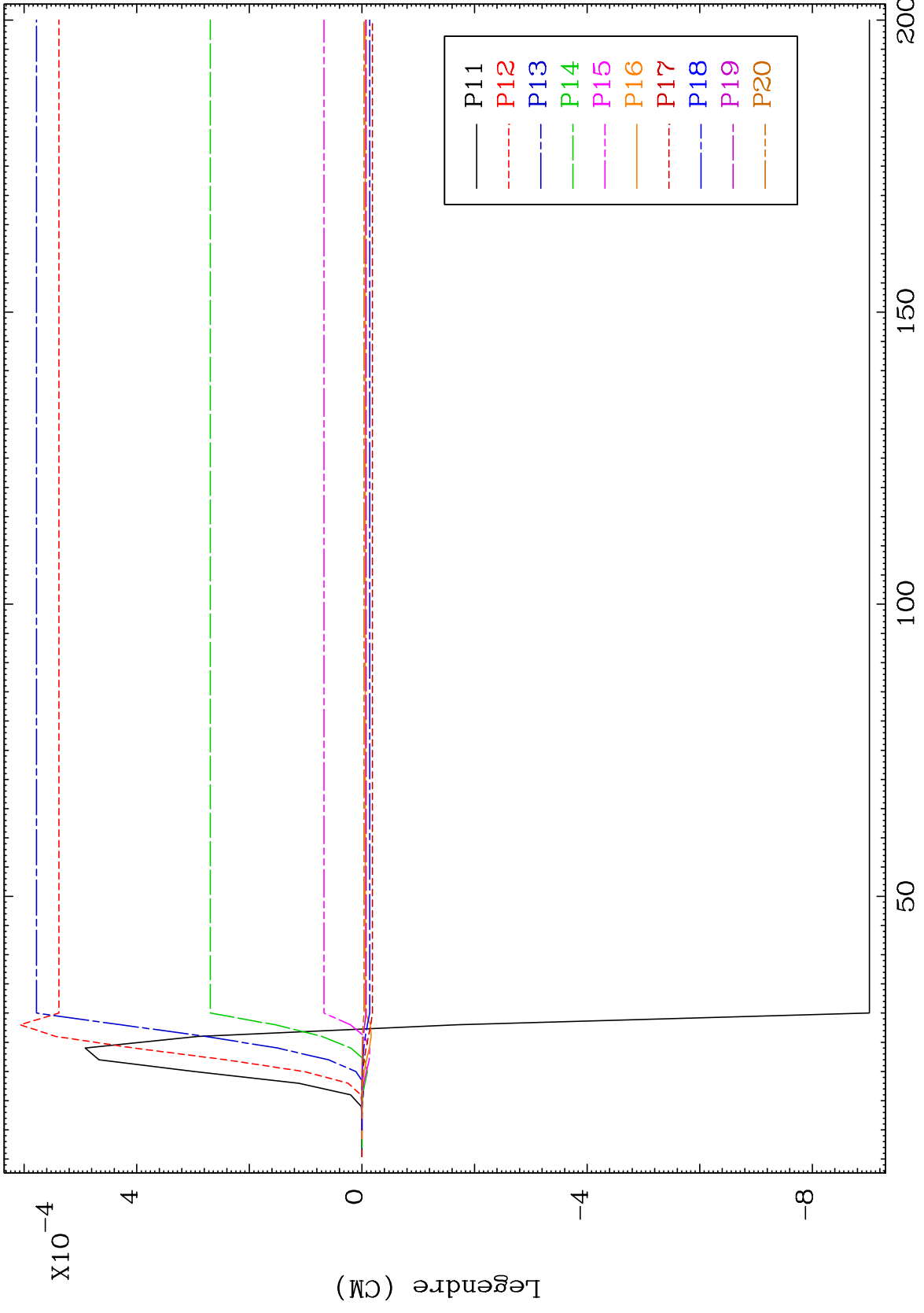


49

Incident Energy (MeV)

16-S -37

MAT 1640 MT= 61 (n,n') Level Legendre Coefficients 16-S -37

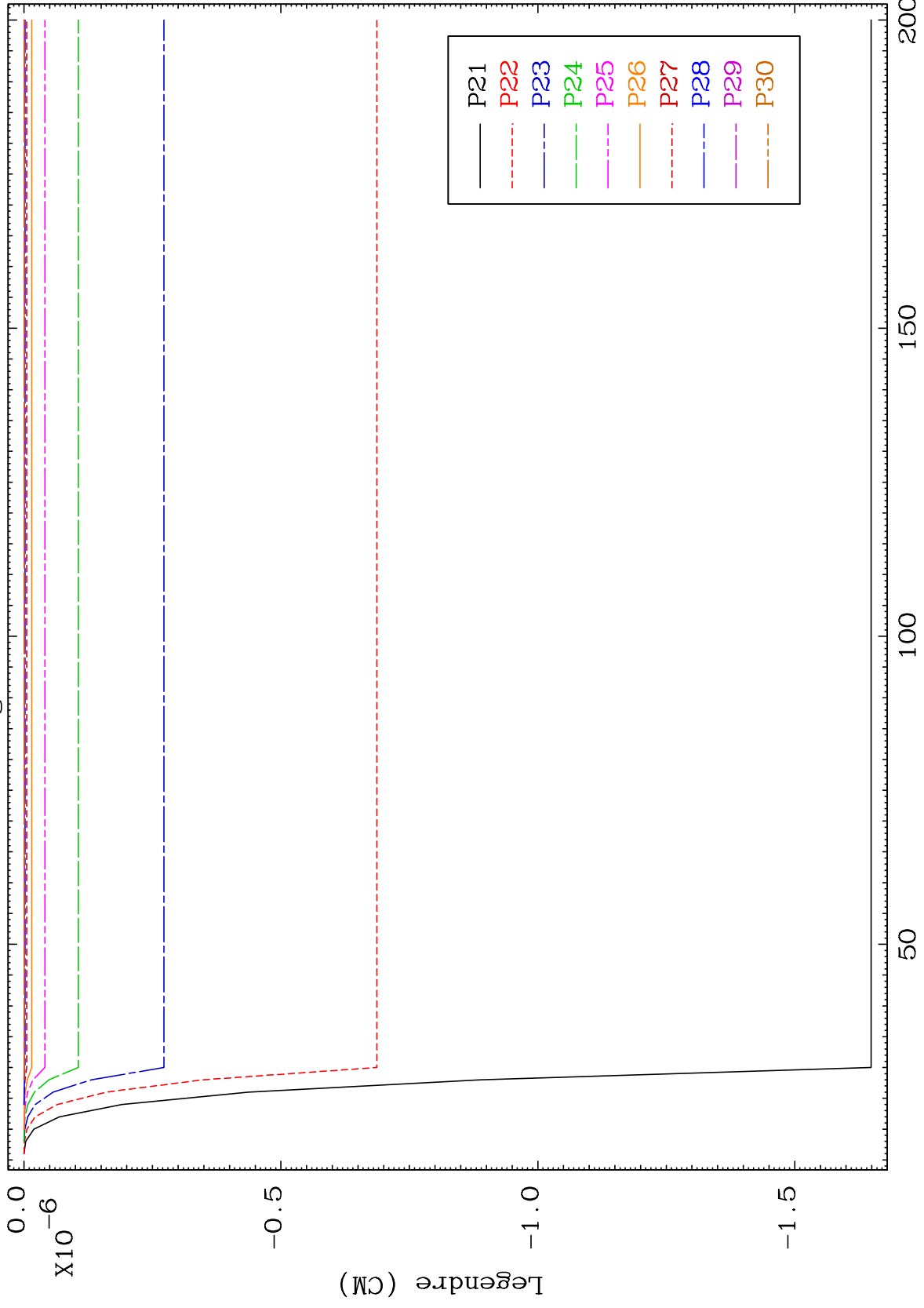


50 100 150 200 Incident Energy (MeV) 16-S -37

MAT 1640

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

16-S -37



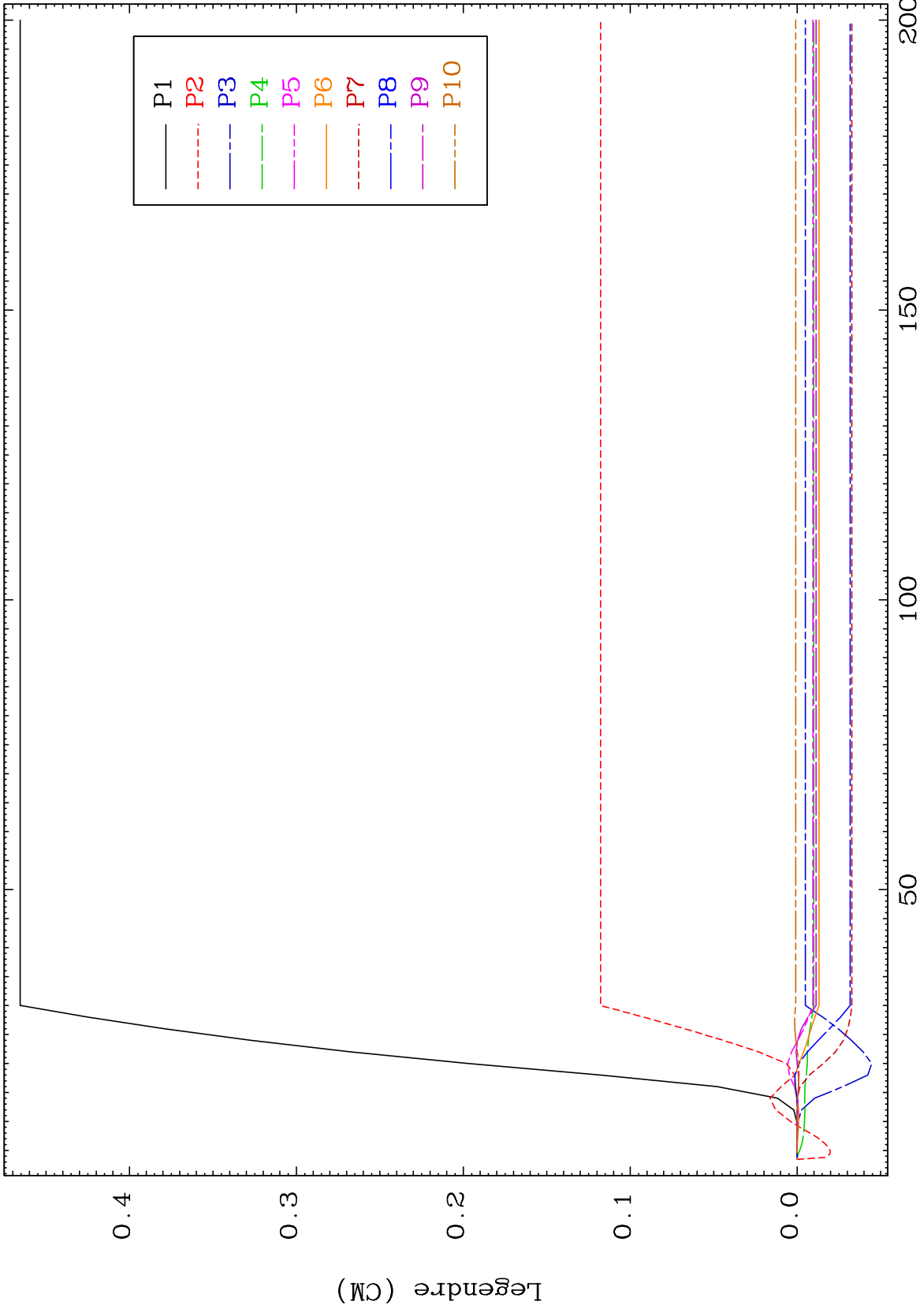
51

16-S -37

MAT 1640

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

16-S -37



52

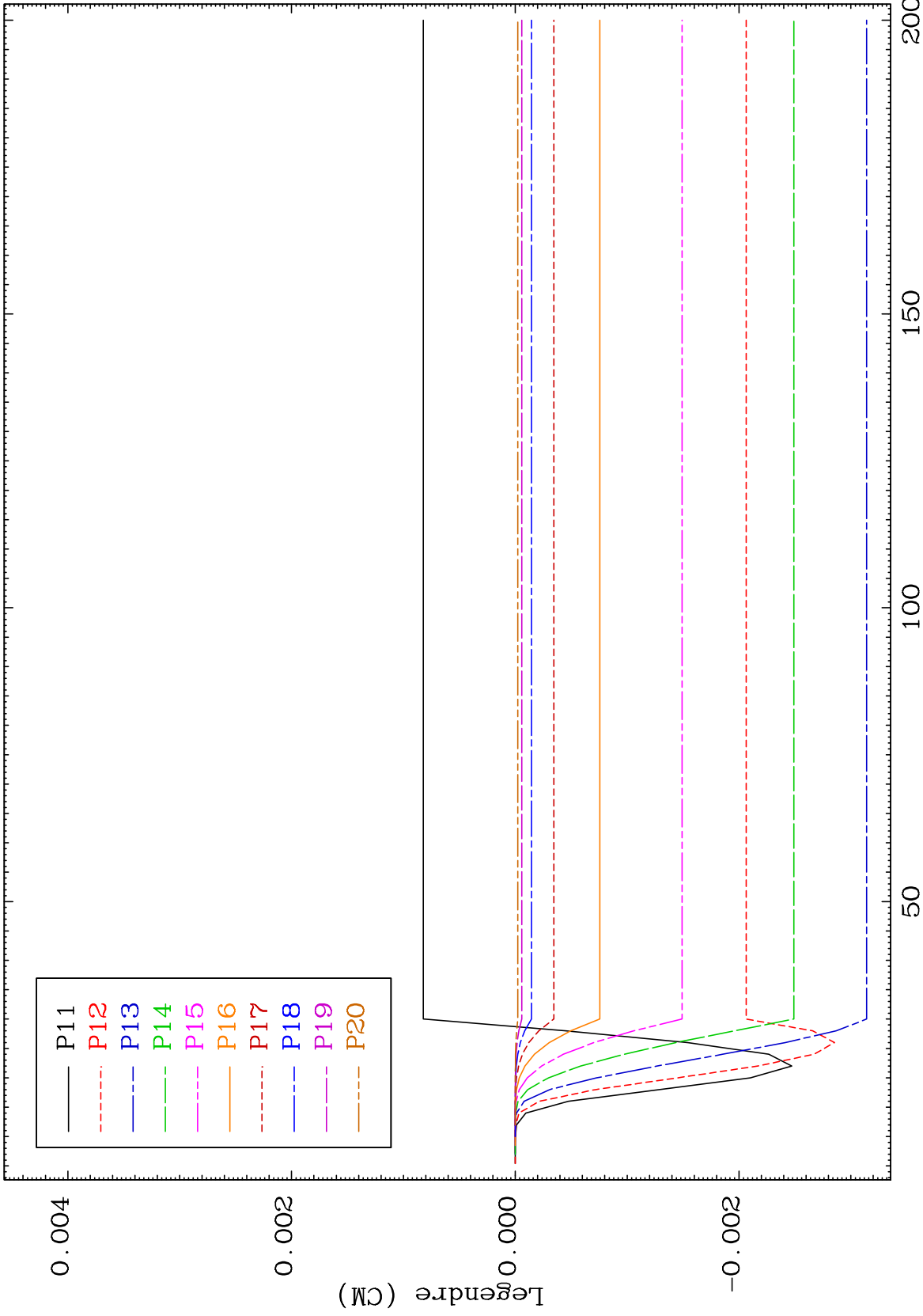
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37

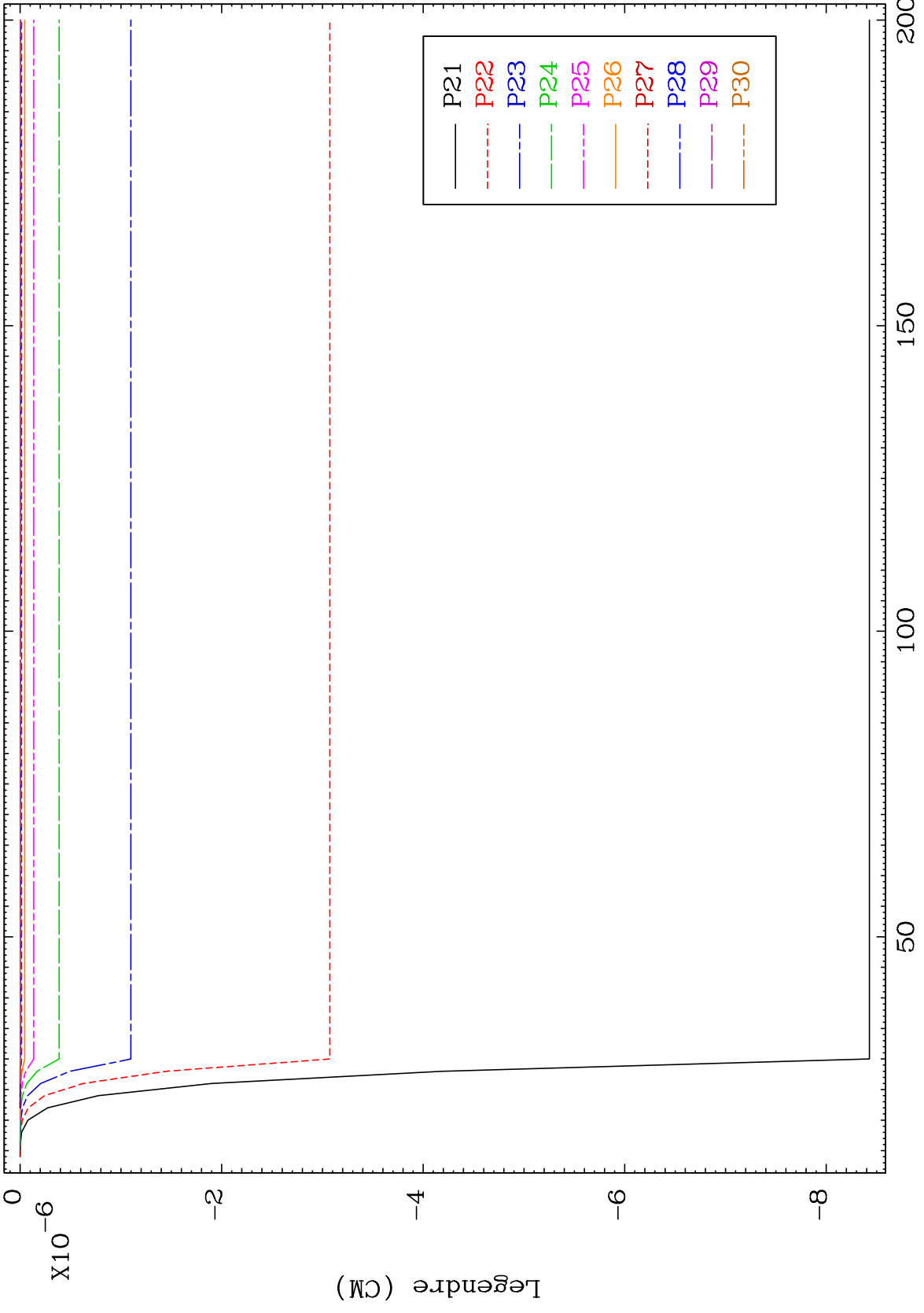


53

Incident Energy (MeV)

16-S -37

MAT 1640 MT= 62 (n,n') Level Legendre Coefficients 16-S -37

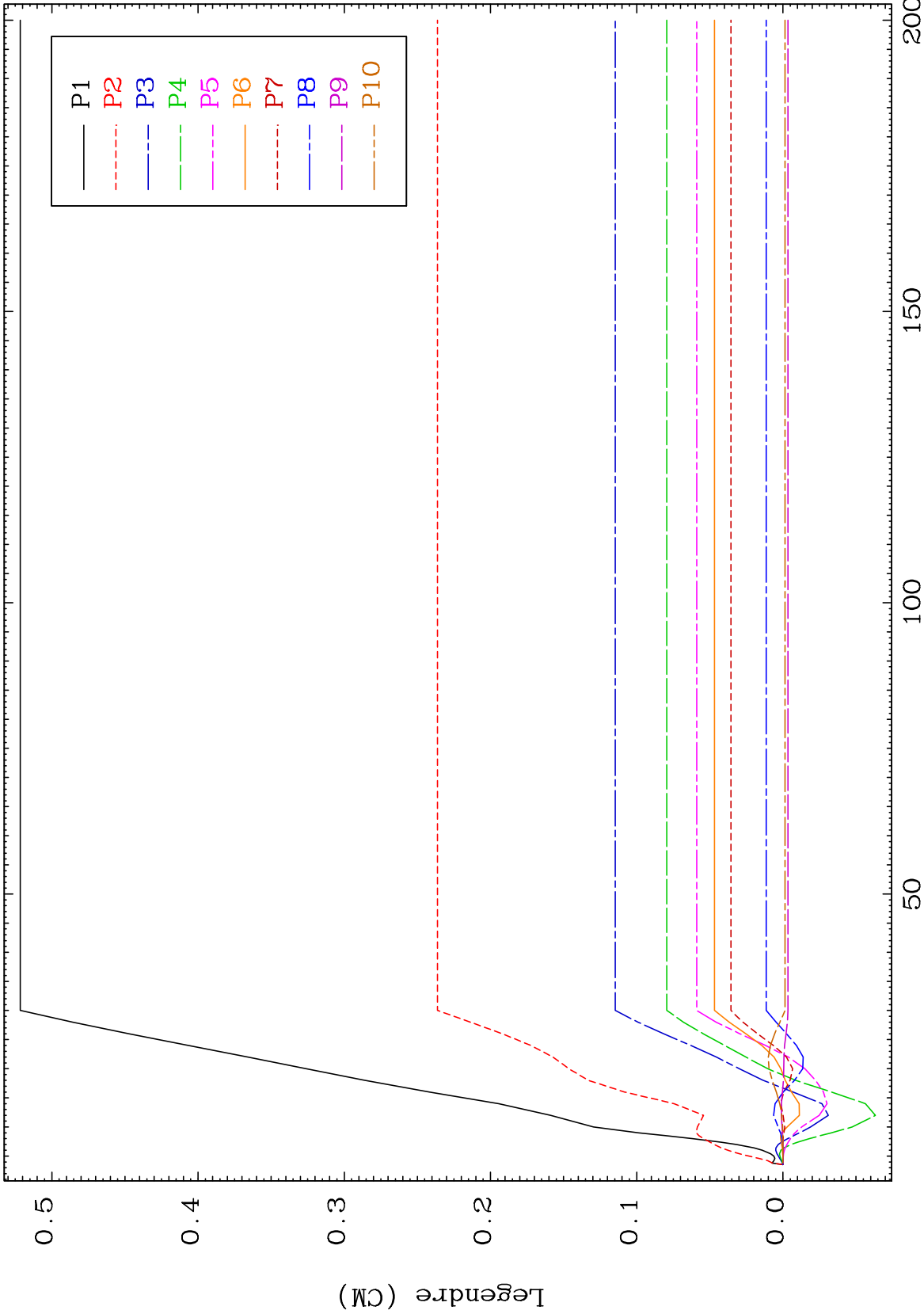


54 Incident Energy (MeV) 16-S -37

MAT 1640

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

16-S -37



55

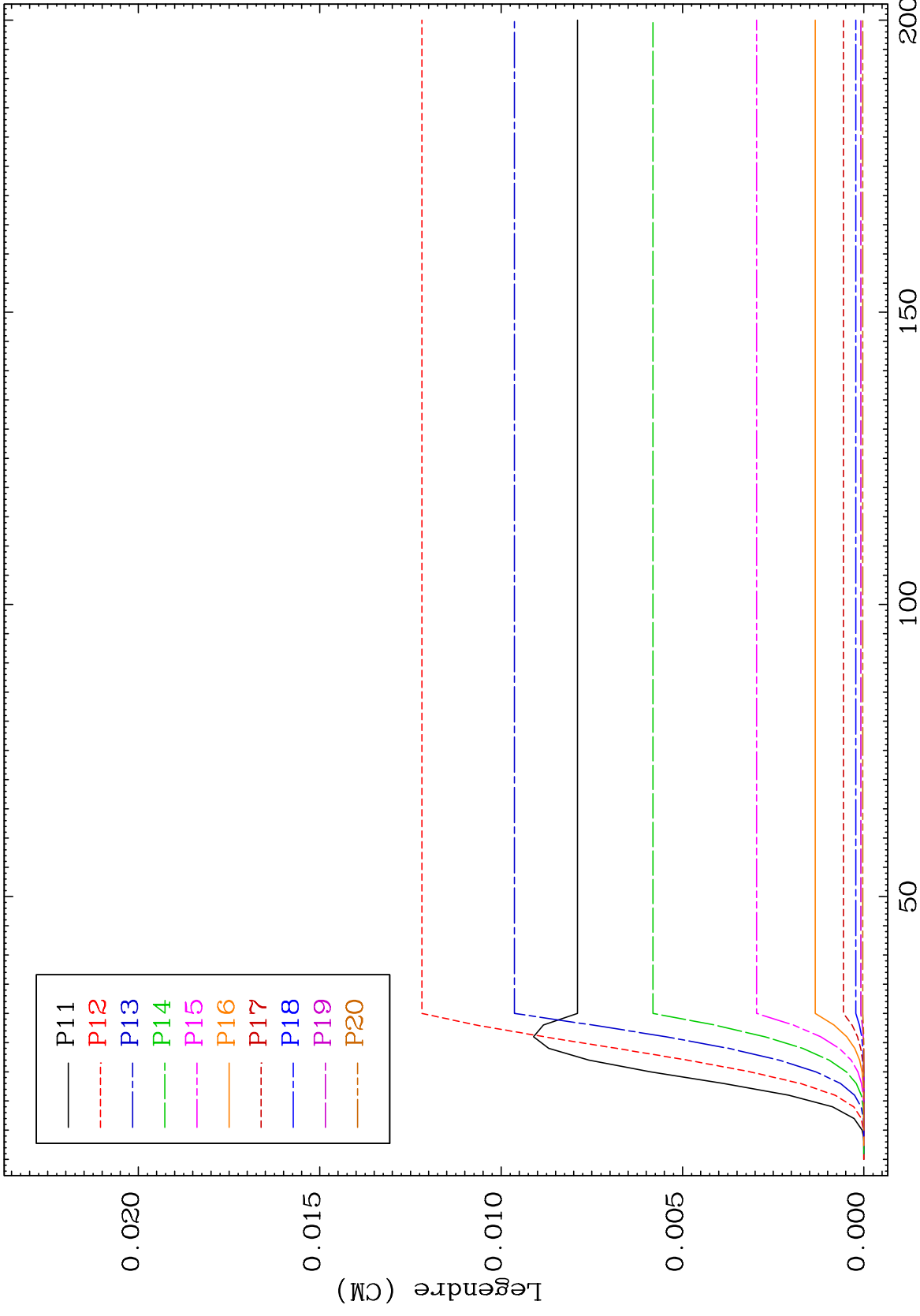
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37



56

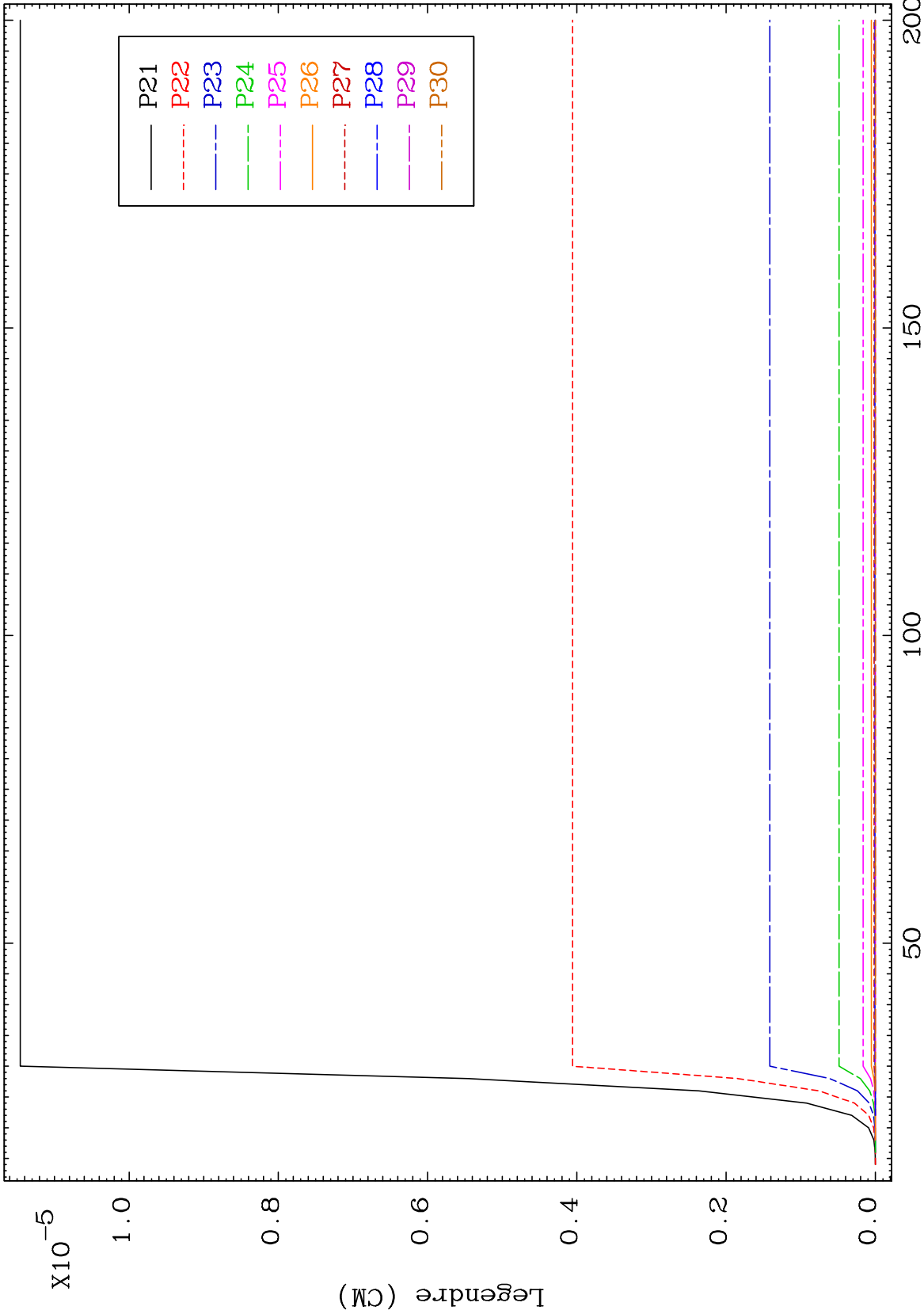
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37

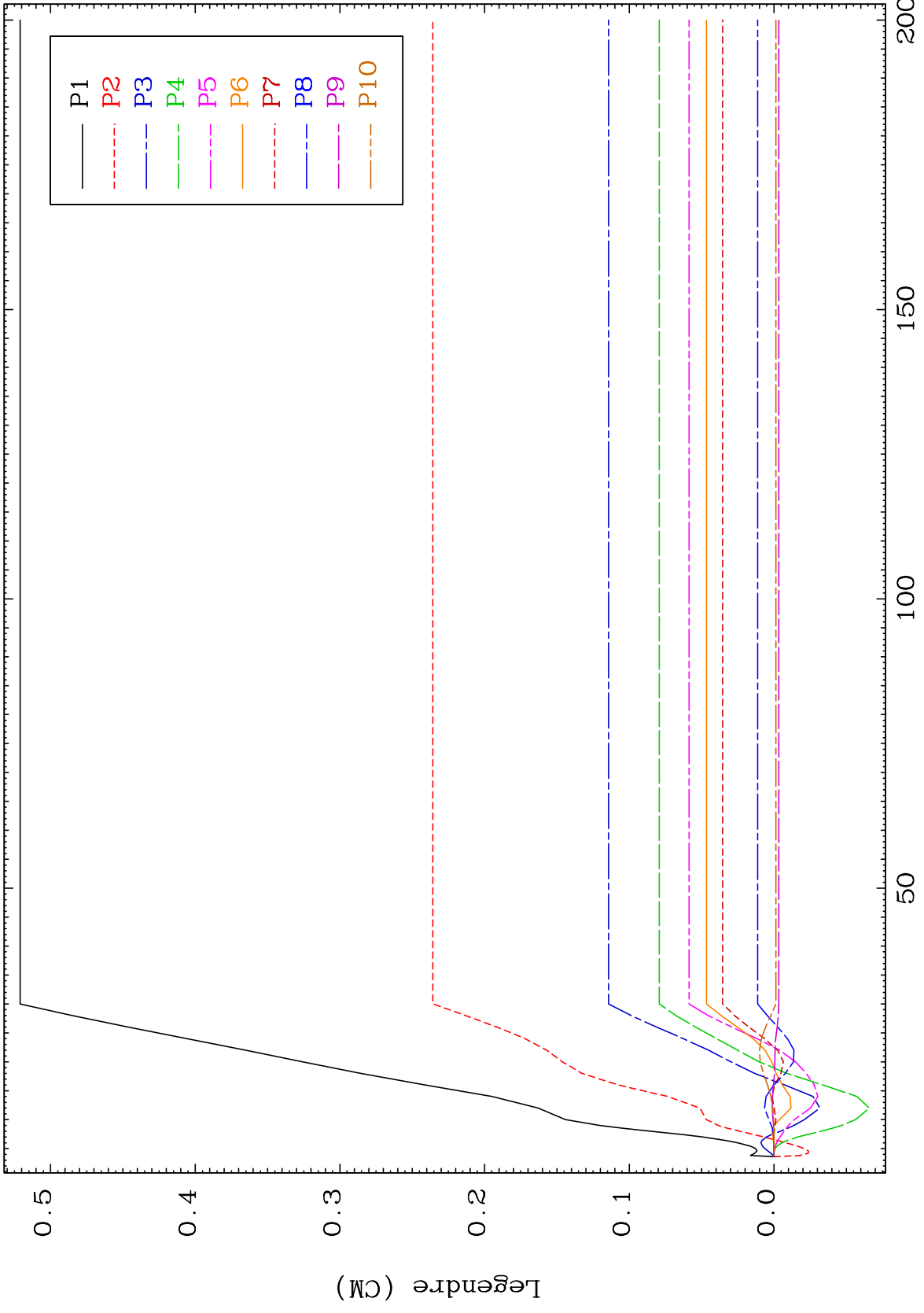


57

Incident Energy (MeV)

16-S -37

MAT 1640 MT= 64 (n,n') Level Legendre Coefficients 16-S -37

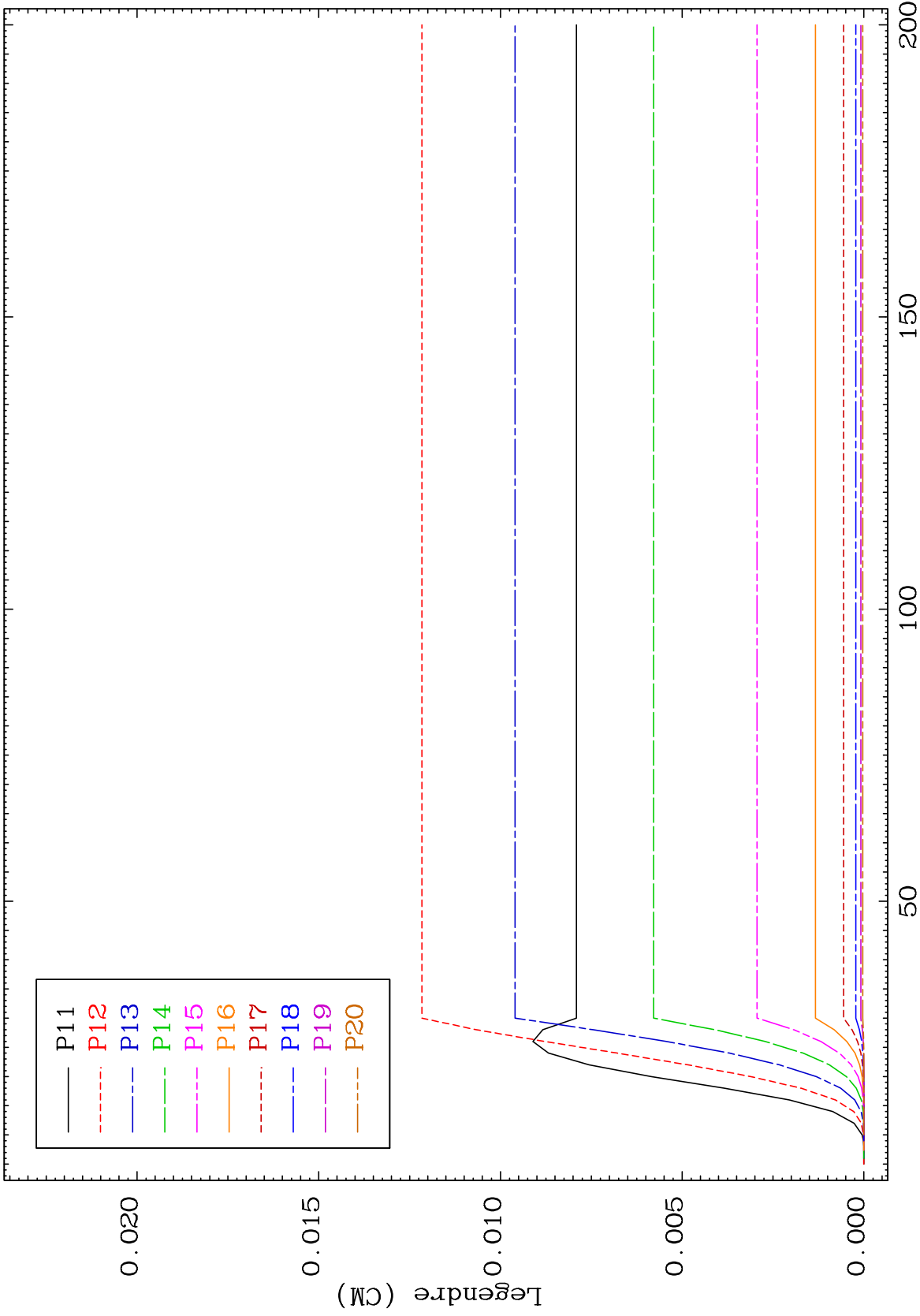


58 16-S -37

MAT 1640

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

16-S -37



59

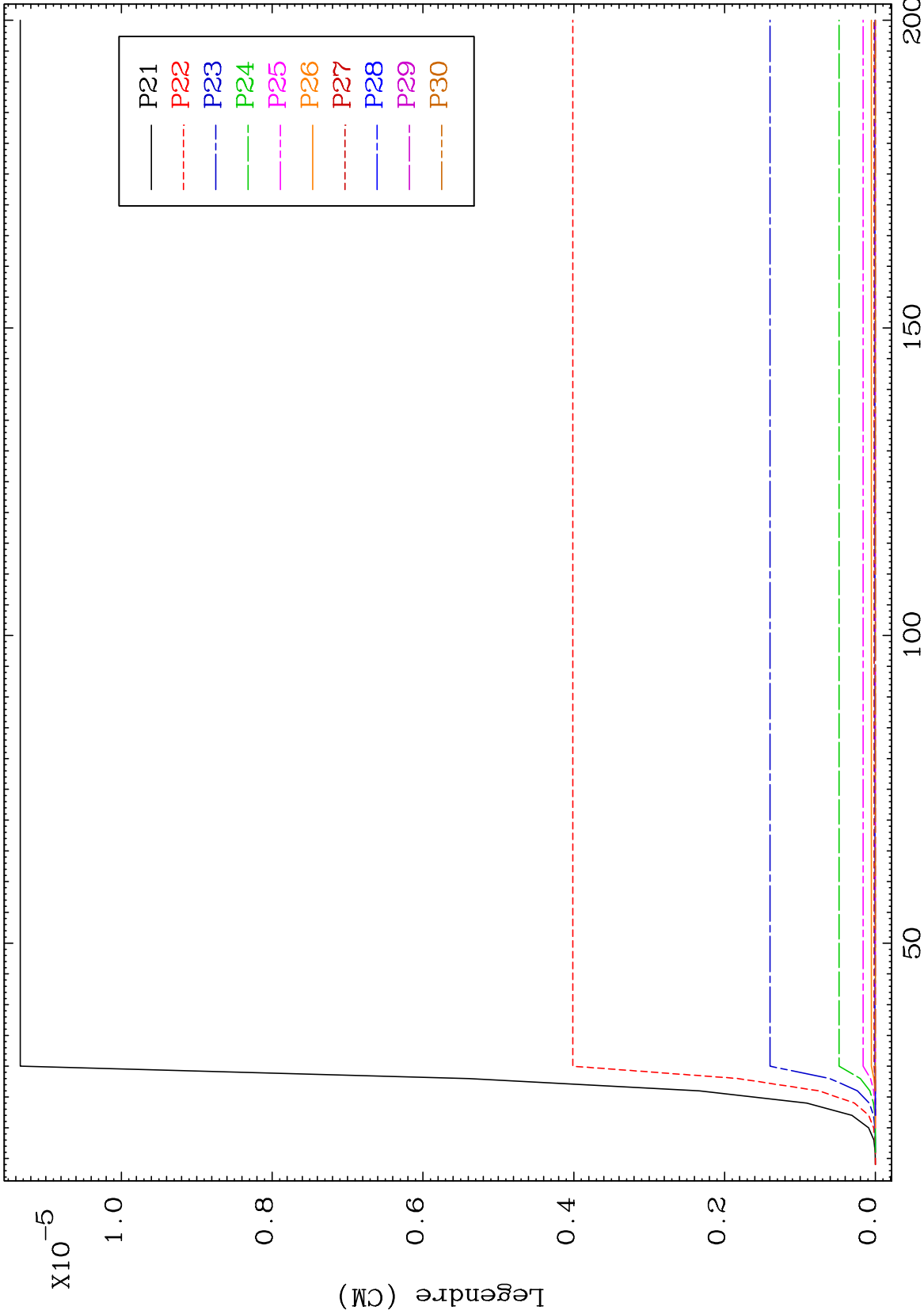
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37



60

50

100

150

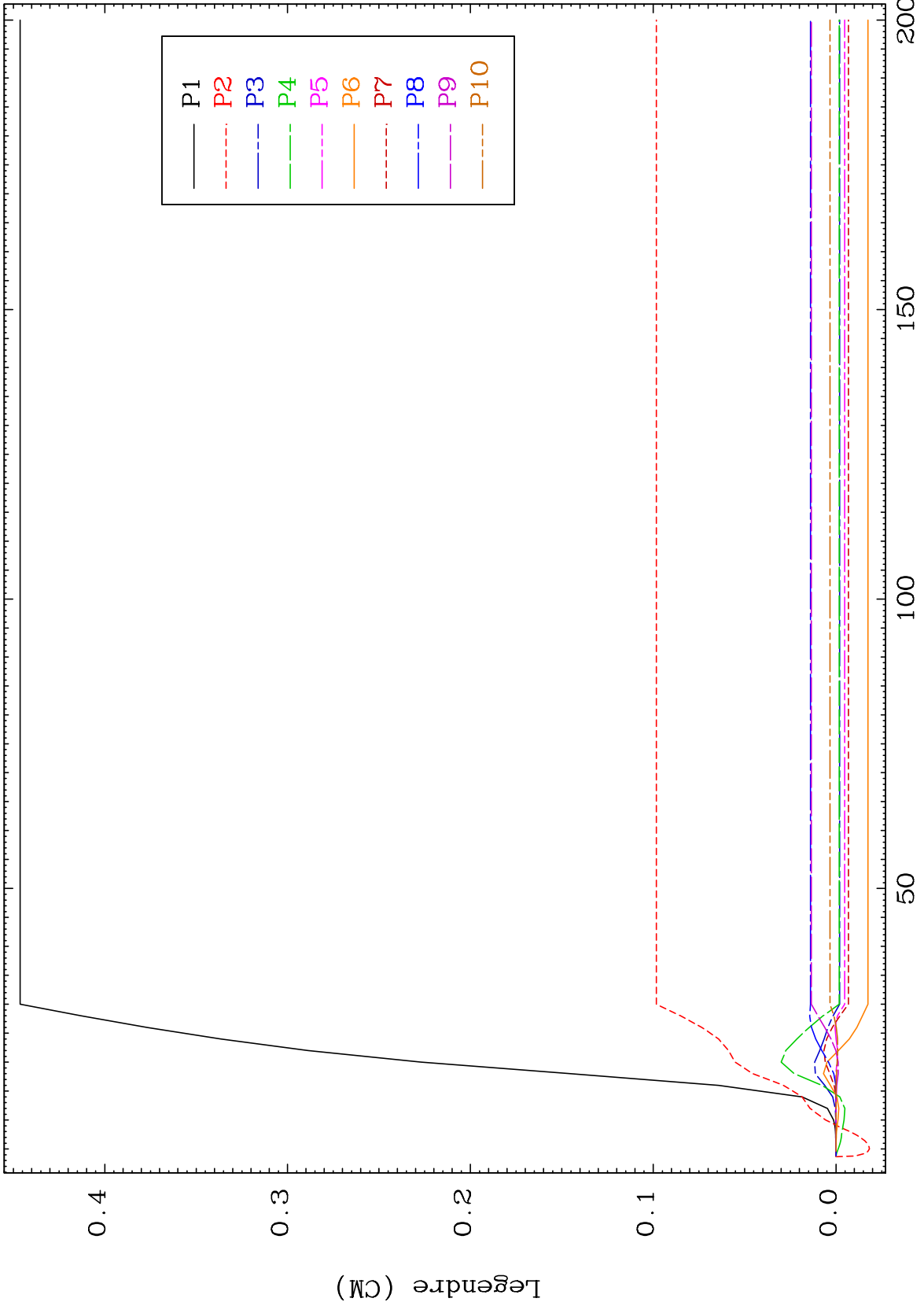
200

16-S -37

MAT 1640

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

16-S -37

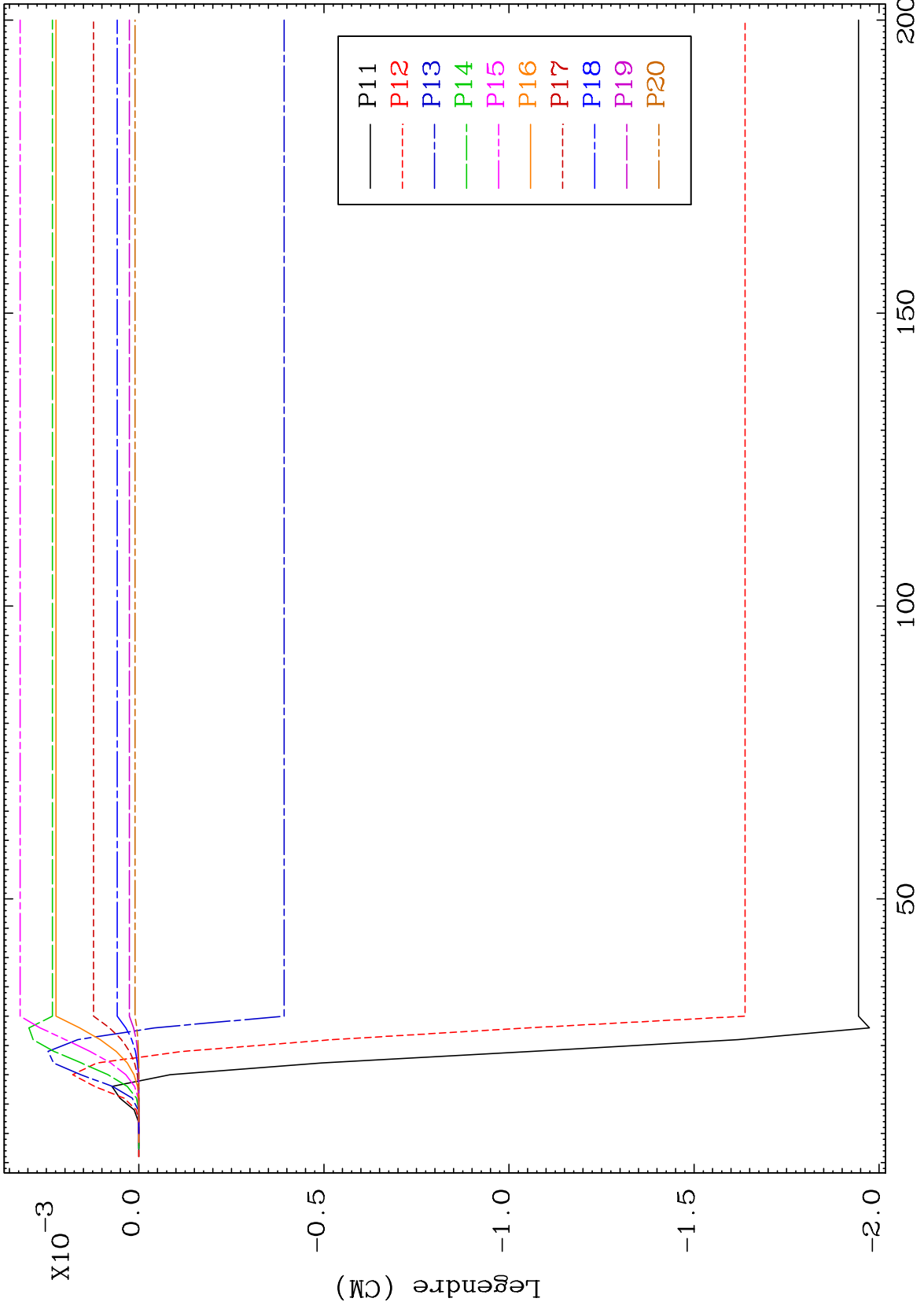


61

Incident Energy (MeV)

16-S -37

MAT 1640 MT= 65 (n,n') Level Legendre Coefficients 16-S -37

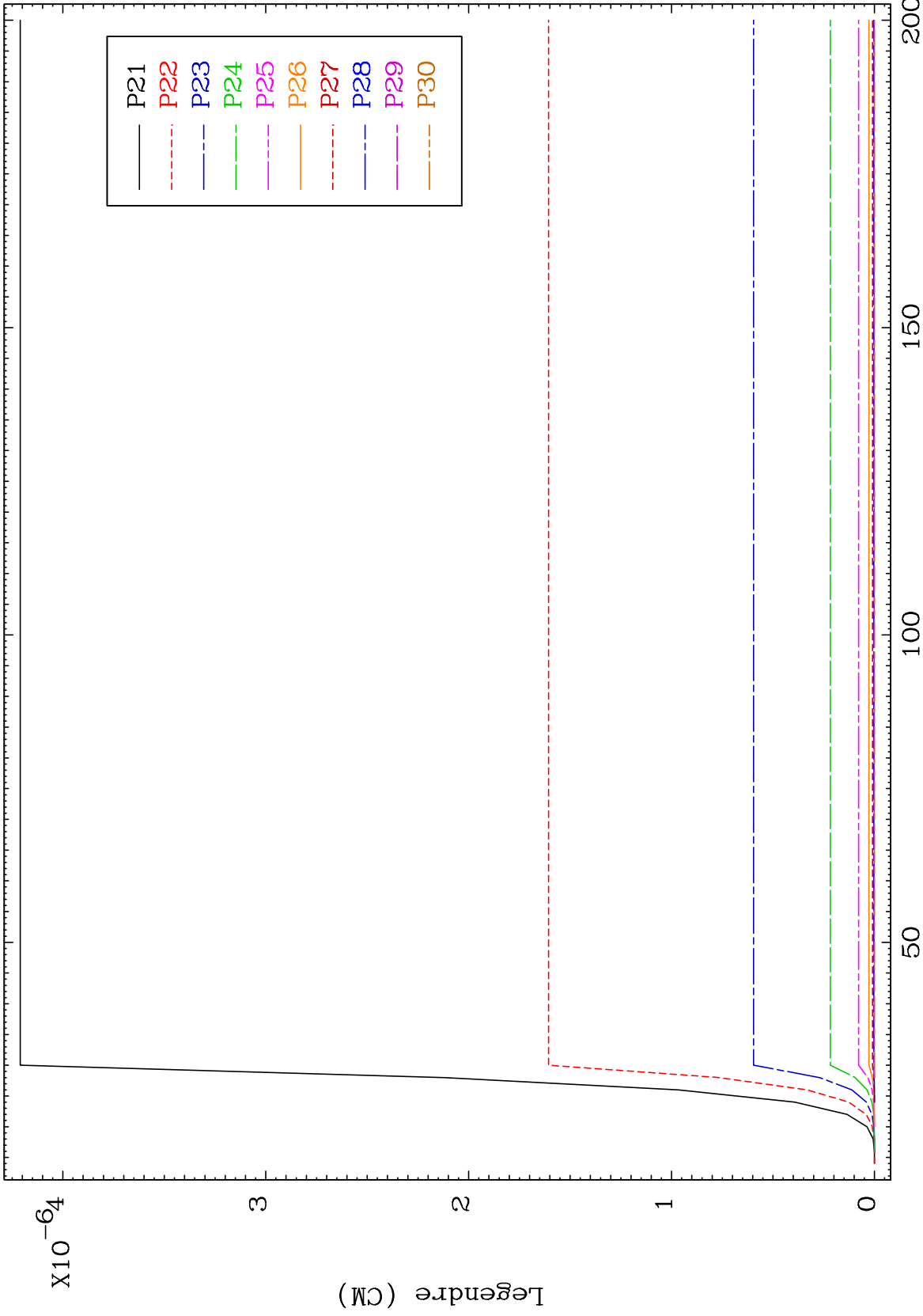


62 16-S -37

MAT 1640

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

16-S -37



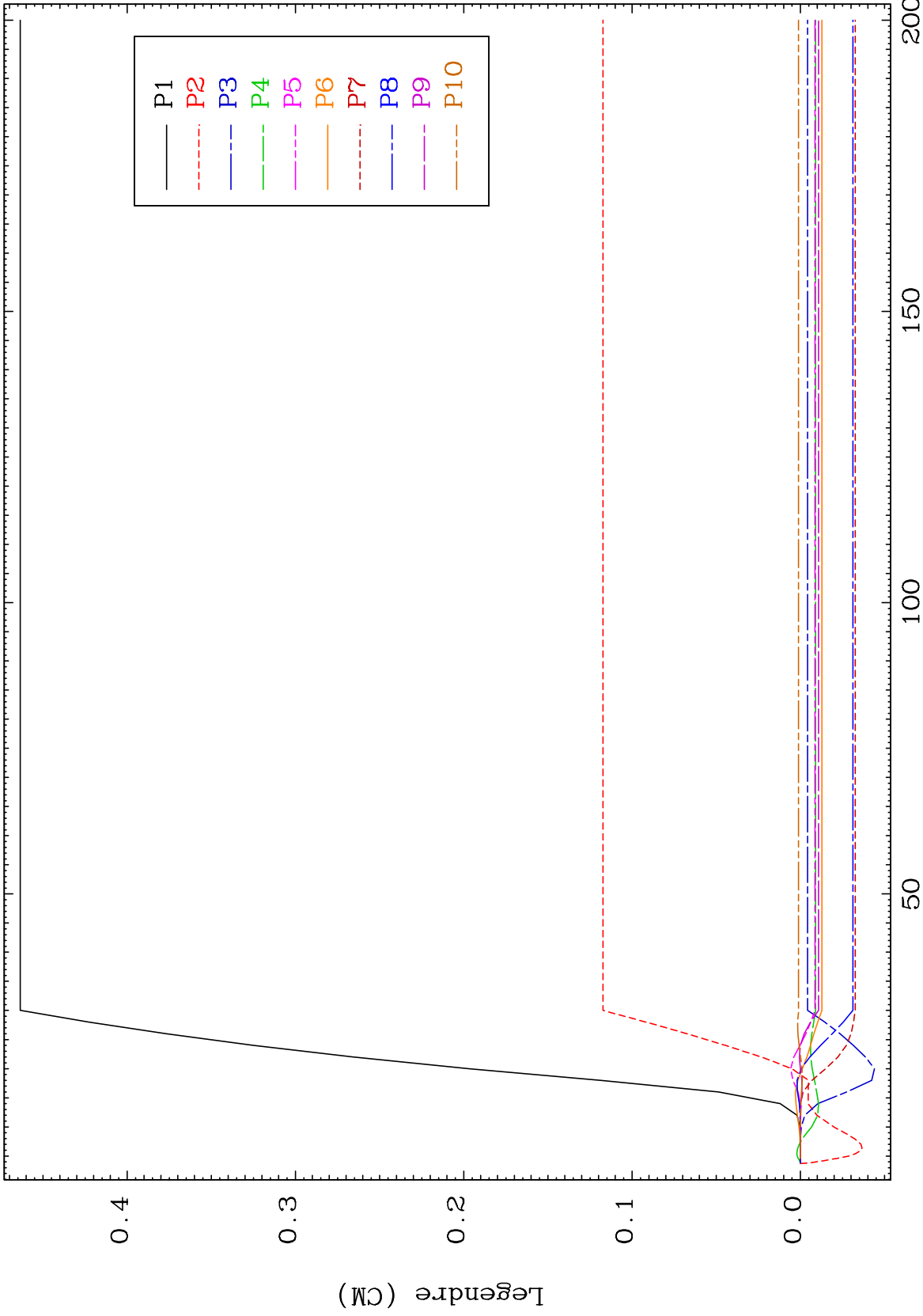
63

16-S -37

MAT 1640

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

16-S -37



64

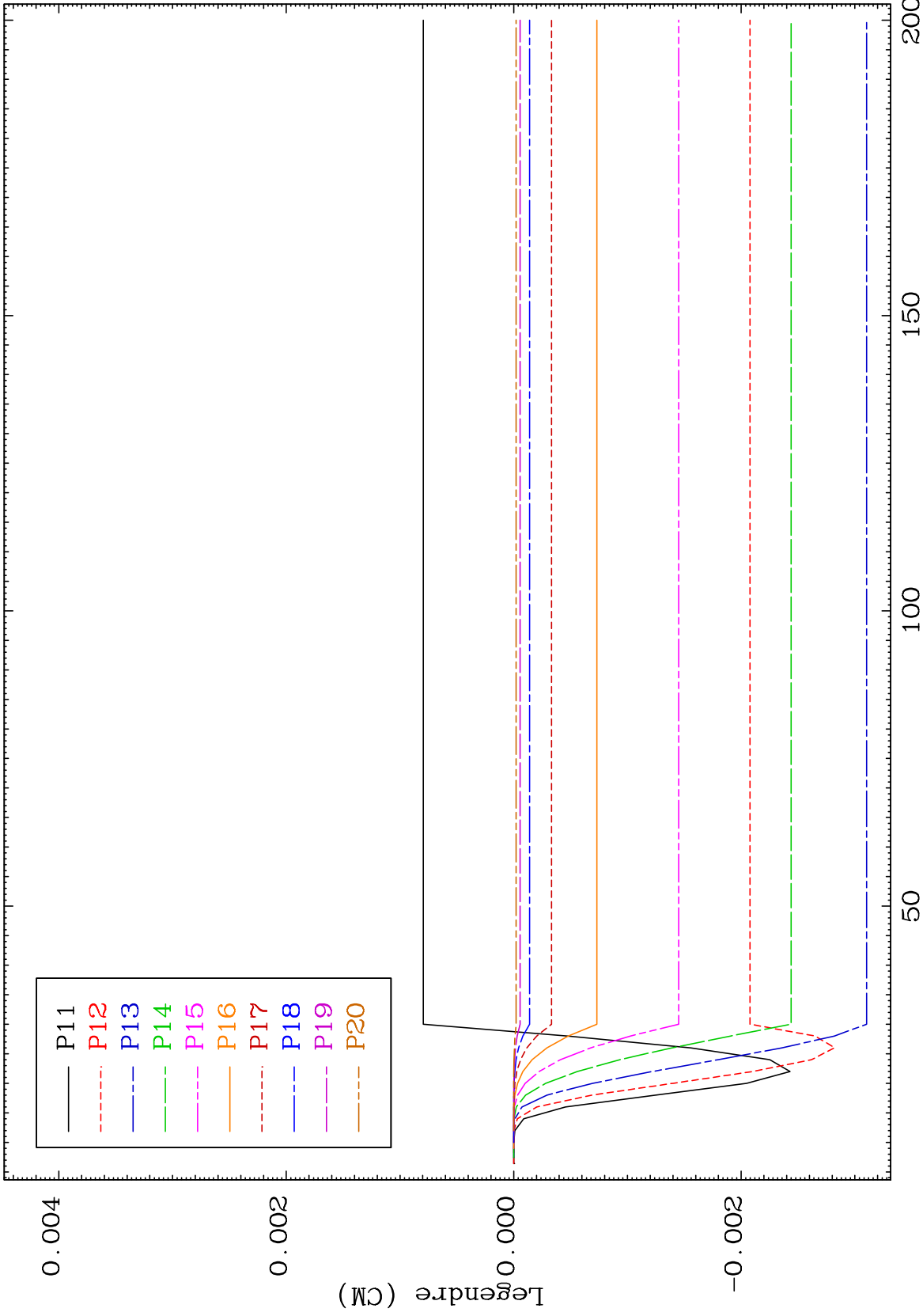
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37

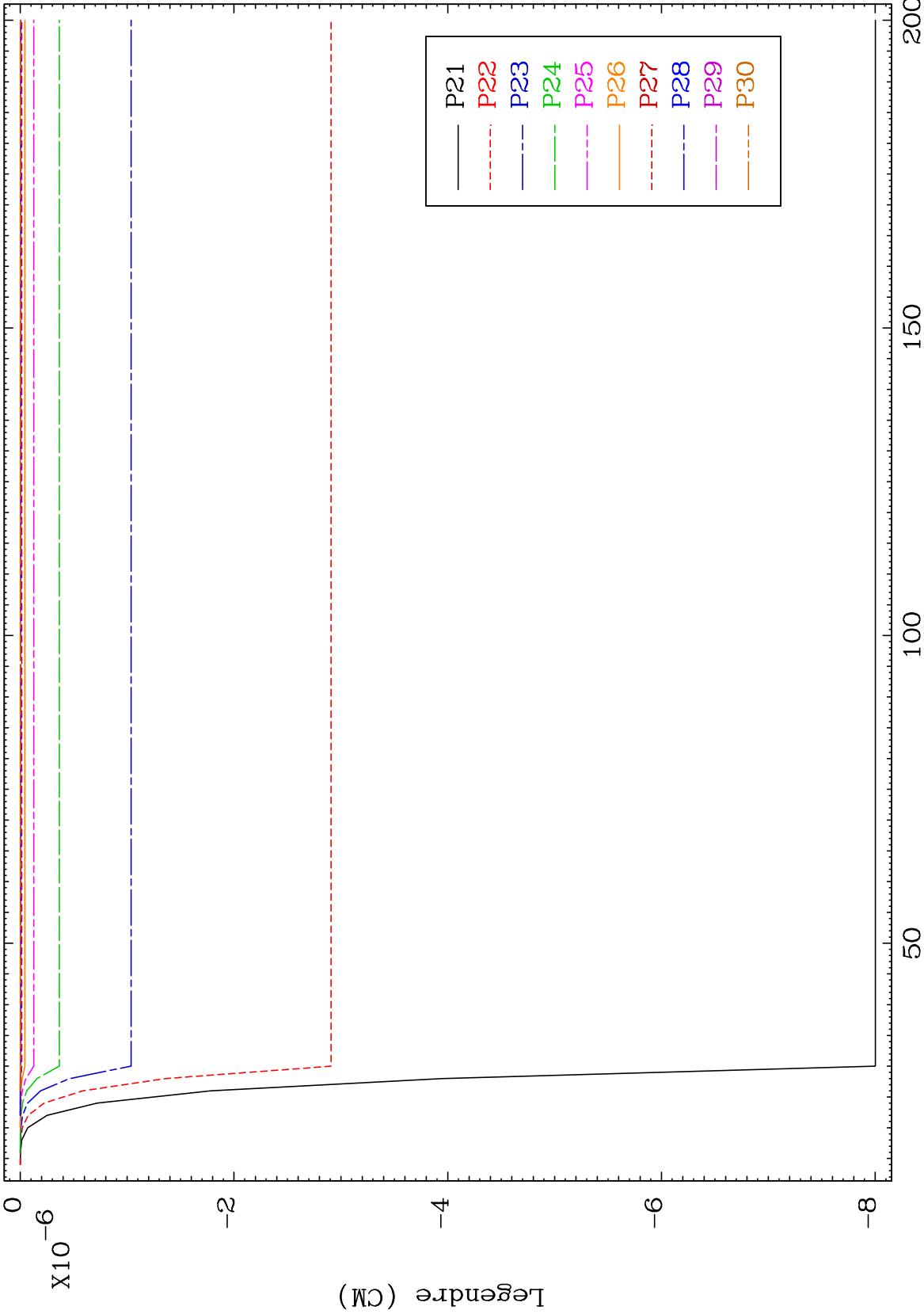


65

Incident Energy (MeV)

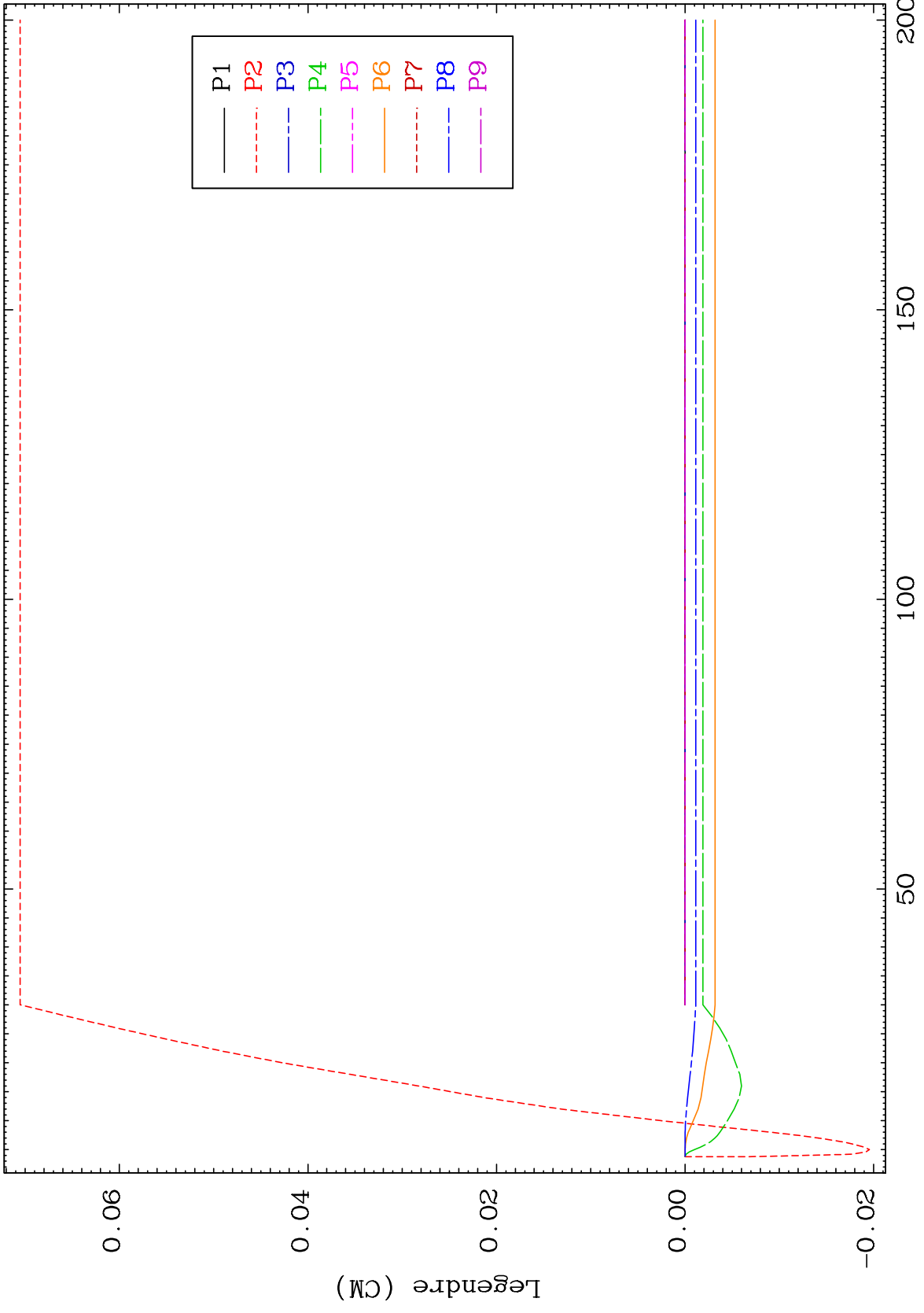
16-S -37

MAT 1640 MT= 66 (n,n') Level Legendre Coefficients 16-S -37



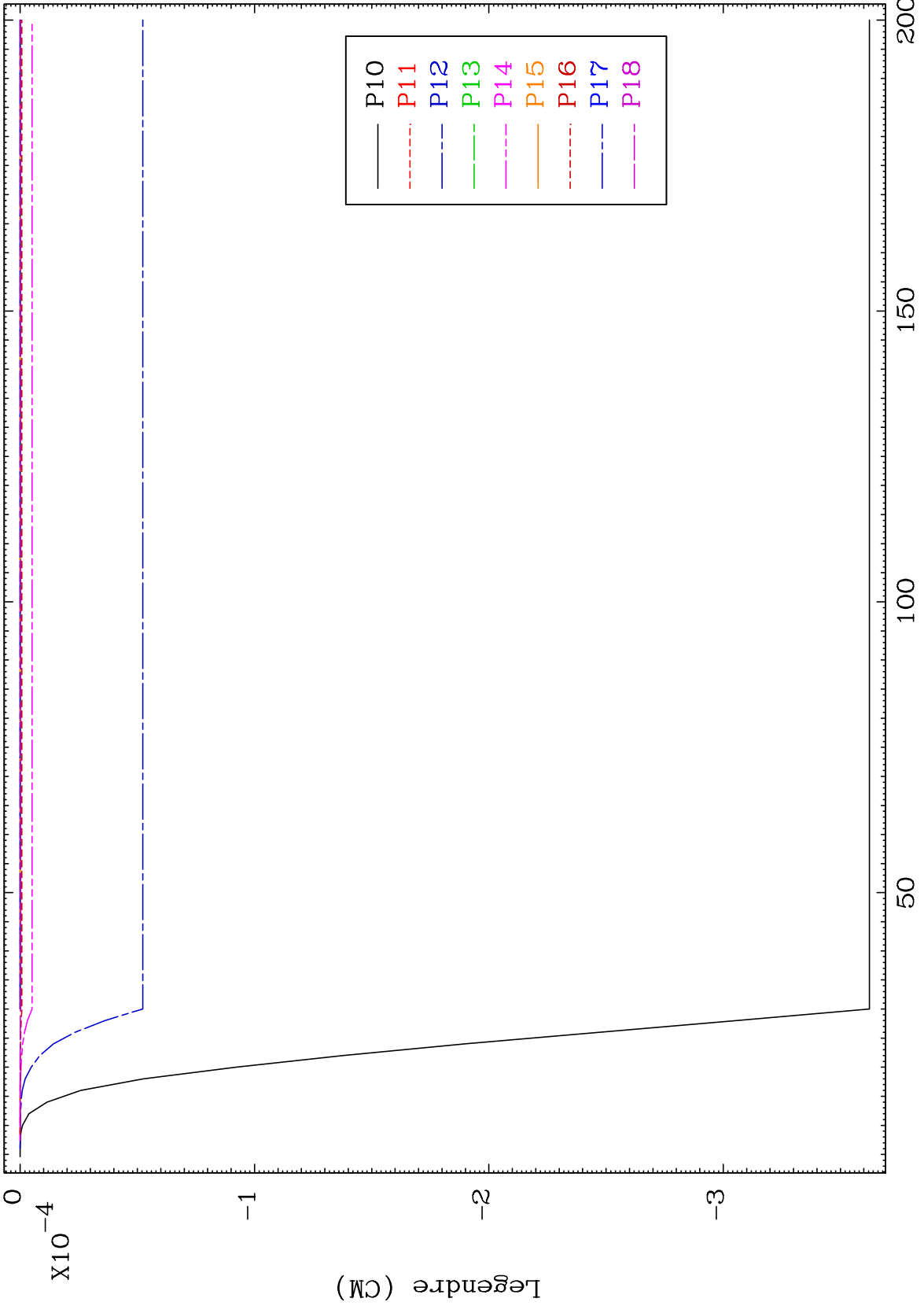
66 16-S -37

MAT 1640 MT= 67 (n,n') Level Legendre Coefficients 16-S -37

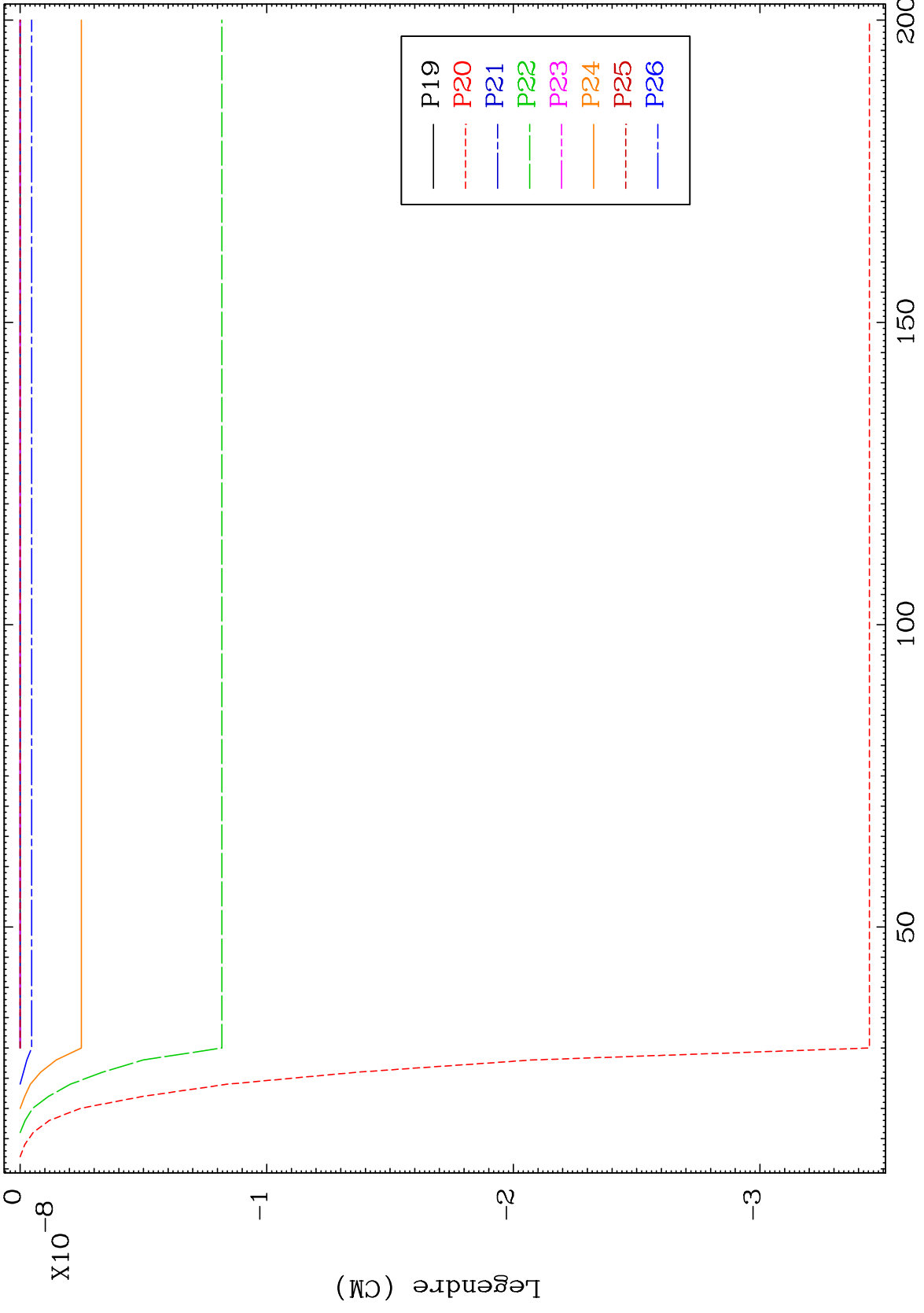


67 16-S -37

MAT 1640 MT= 67 (n,n') Level Legendre Coefficients 16-S -37



MAT 1640 MT= 67 (n,n') Level Legendre Coefficients 16-S -37

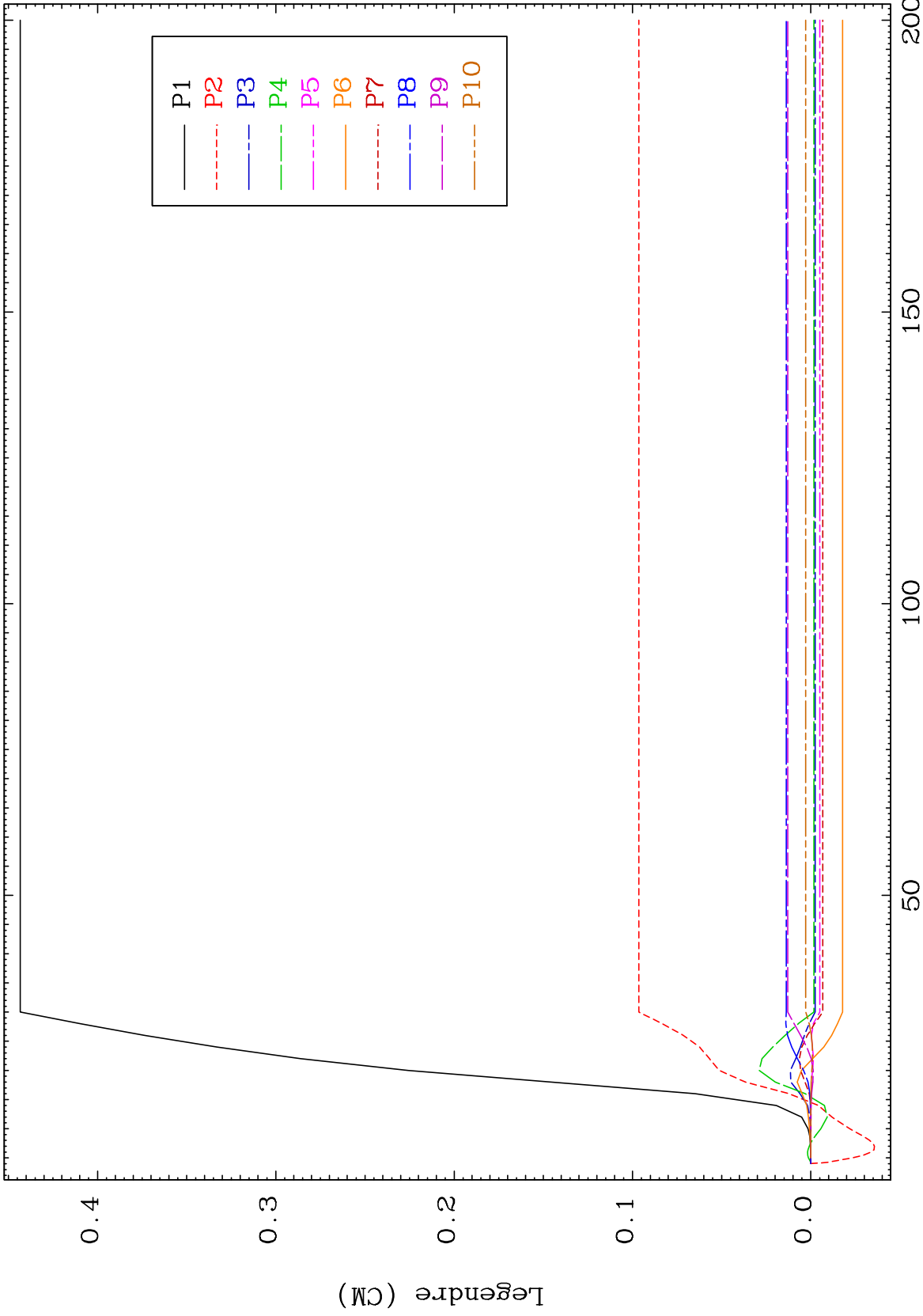


69 Incident Energy (MeV) 16-S -37

MAT 1640

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

16-S -37

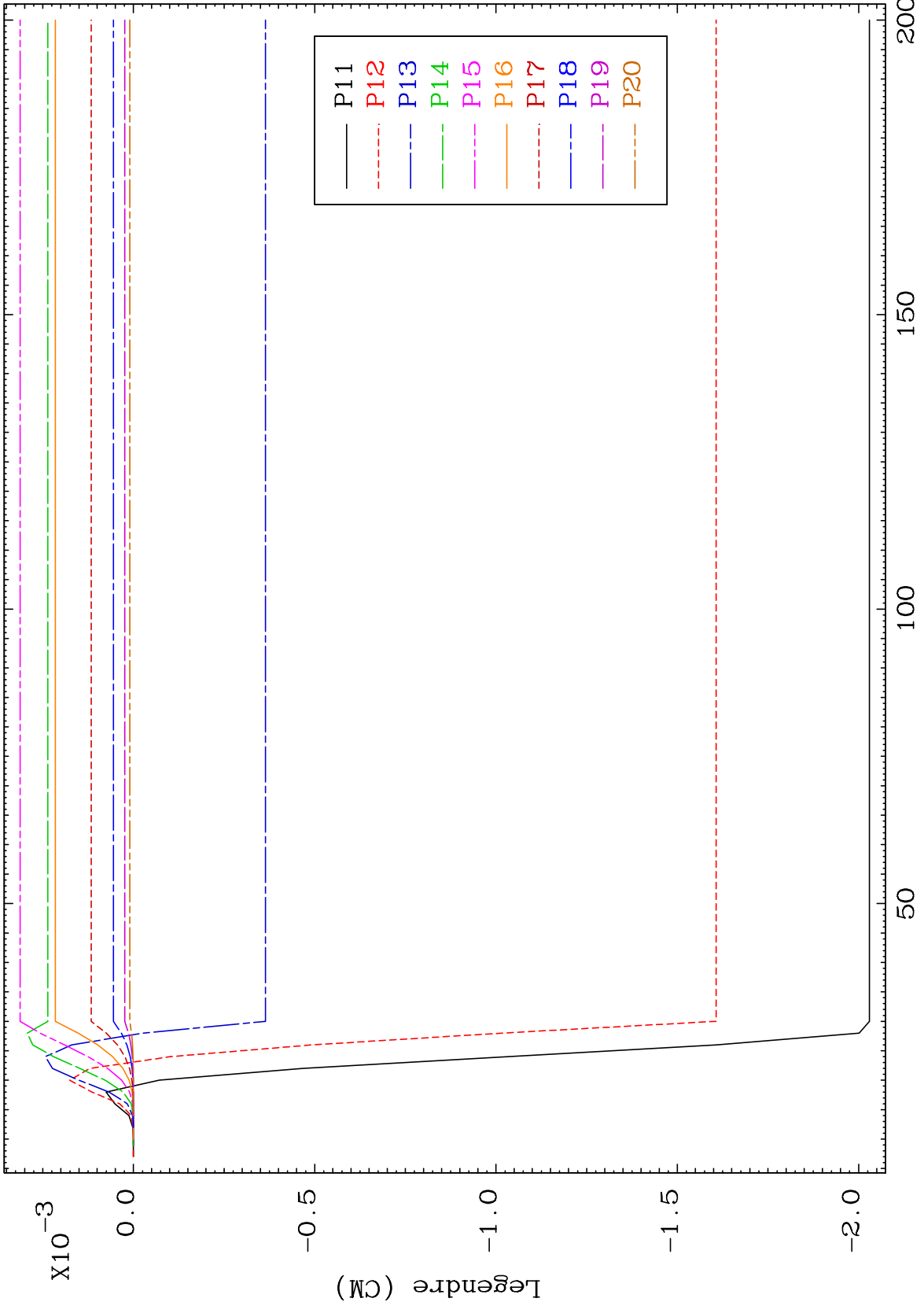


70

Incident Energy (MeV)

16-S -37

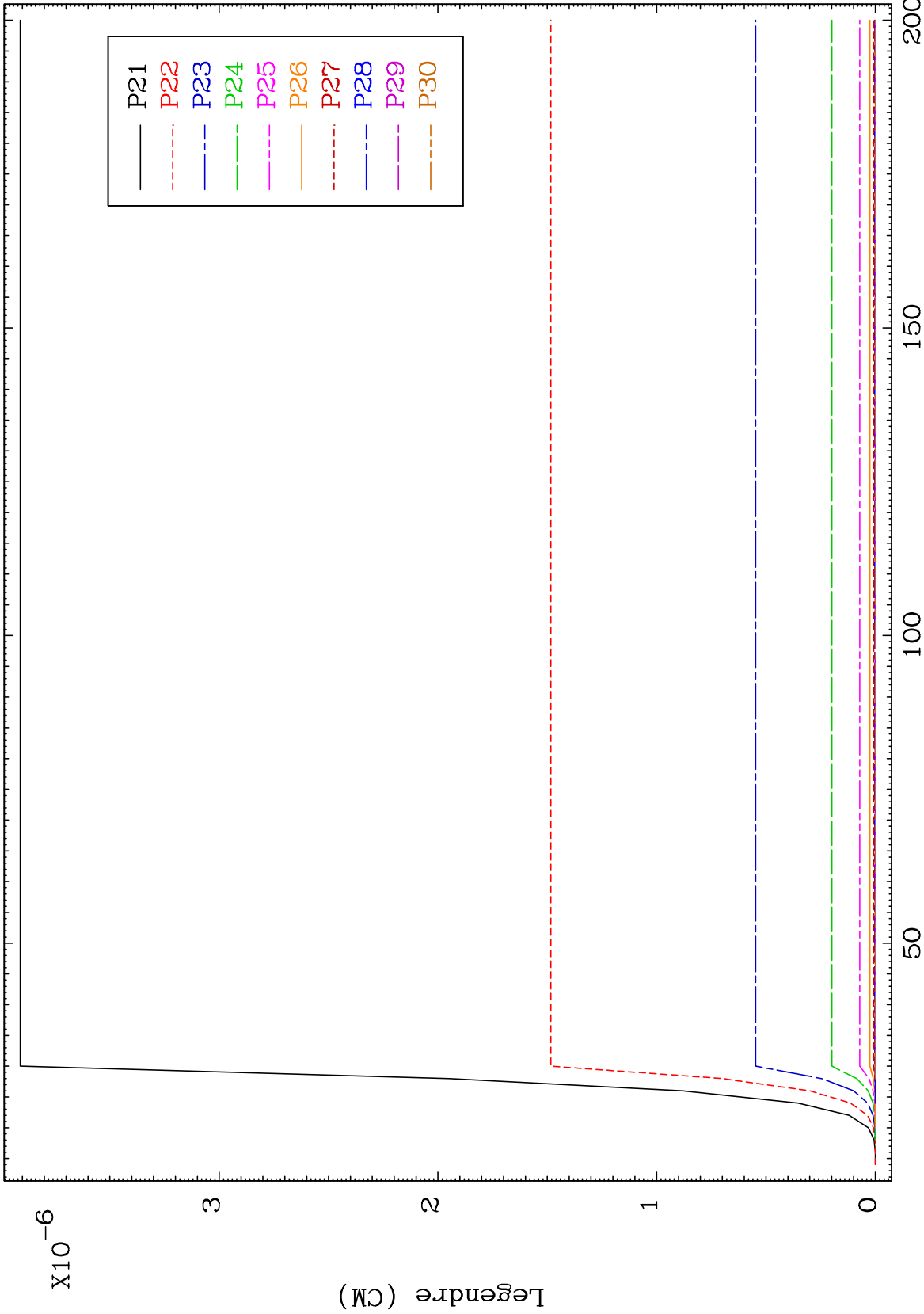
MAT 1640 MT= 68 (n,n') Level Legendre Coefficients 16-S -37



MAT 1640

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

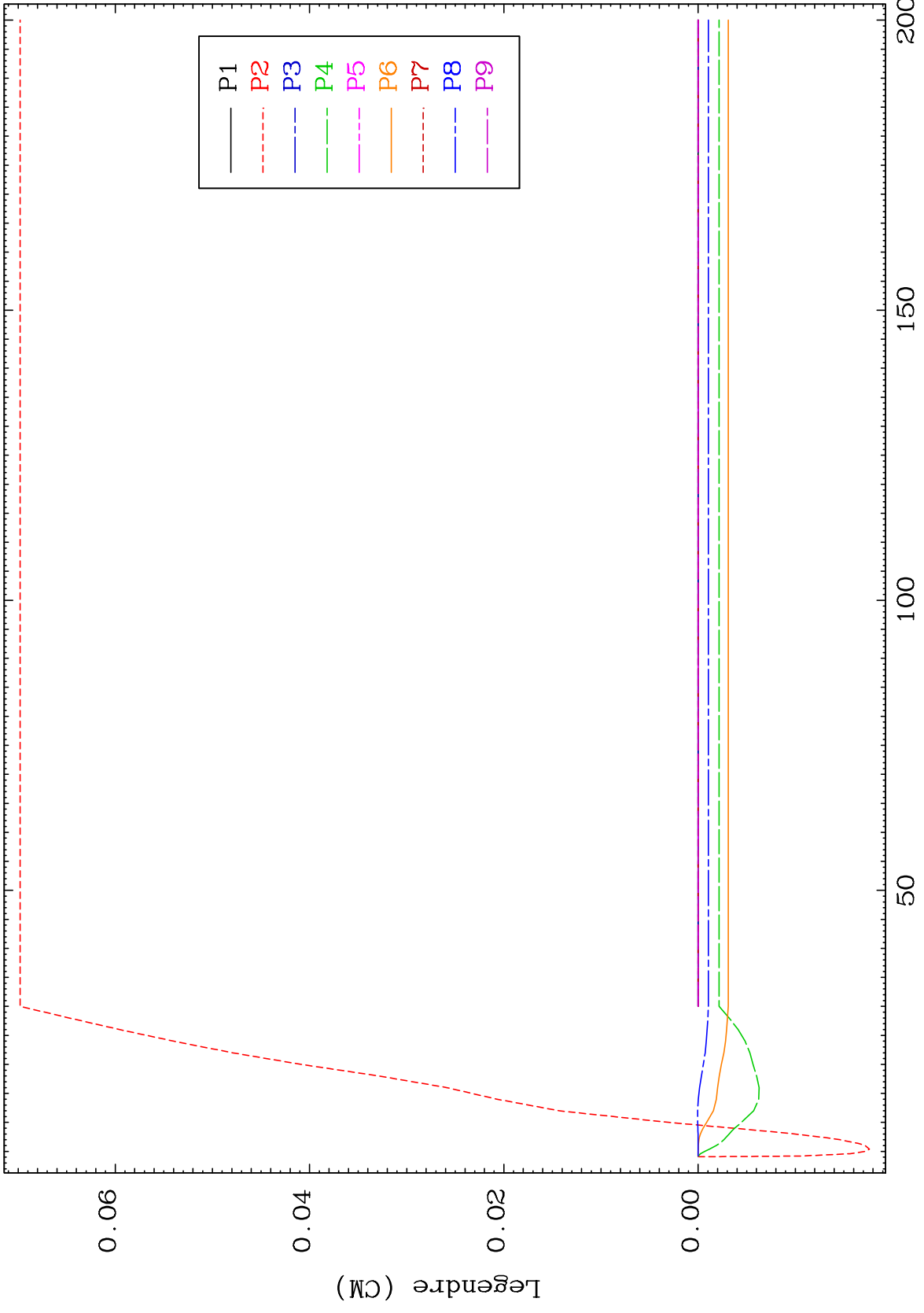
16-S -37



72

16-S -37

MAT 1640 MT= 69 (n,n') Level Legendre Coefficients 16-S -37

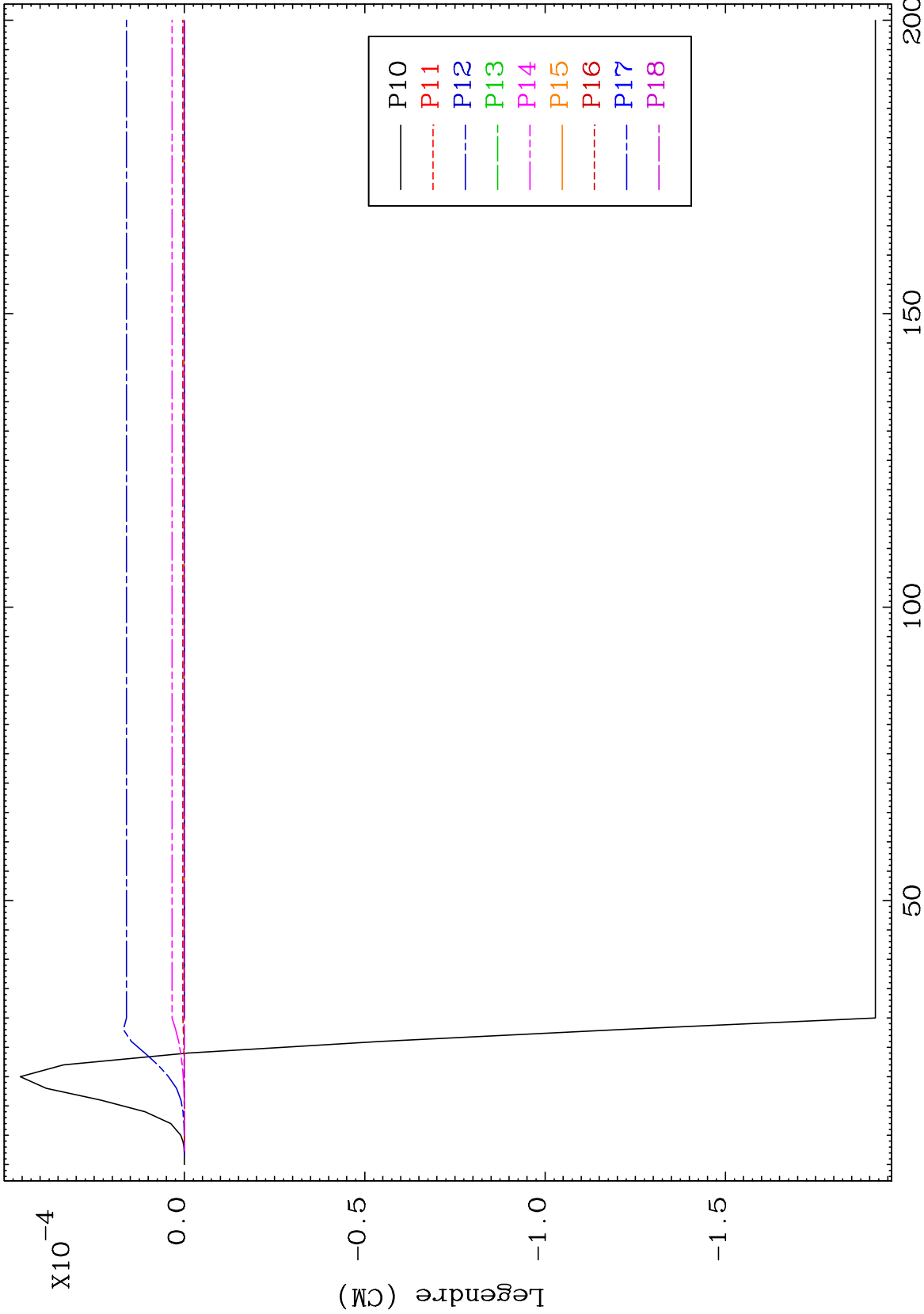


73 16-S -37

MAT 1640

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

16-S -37

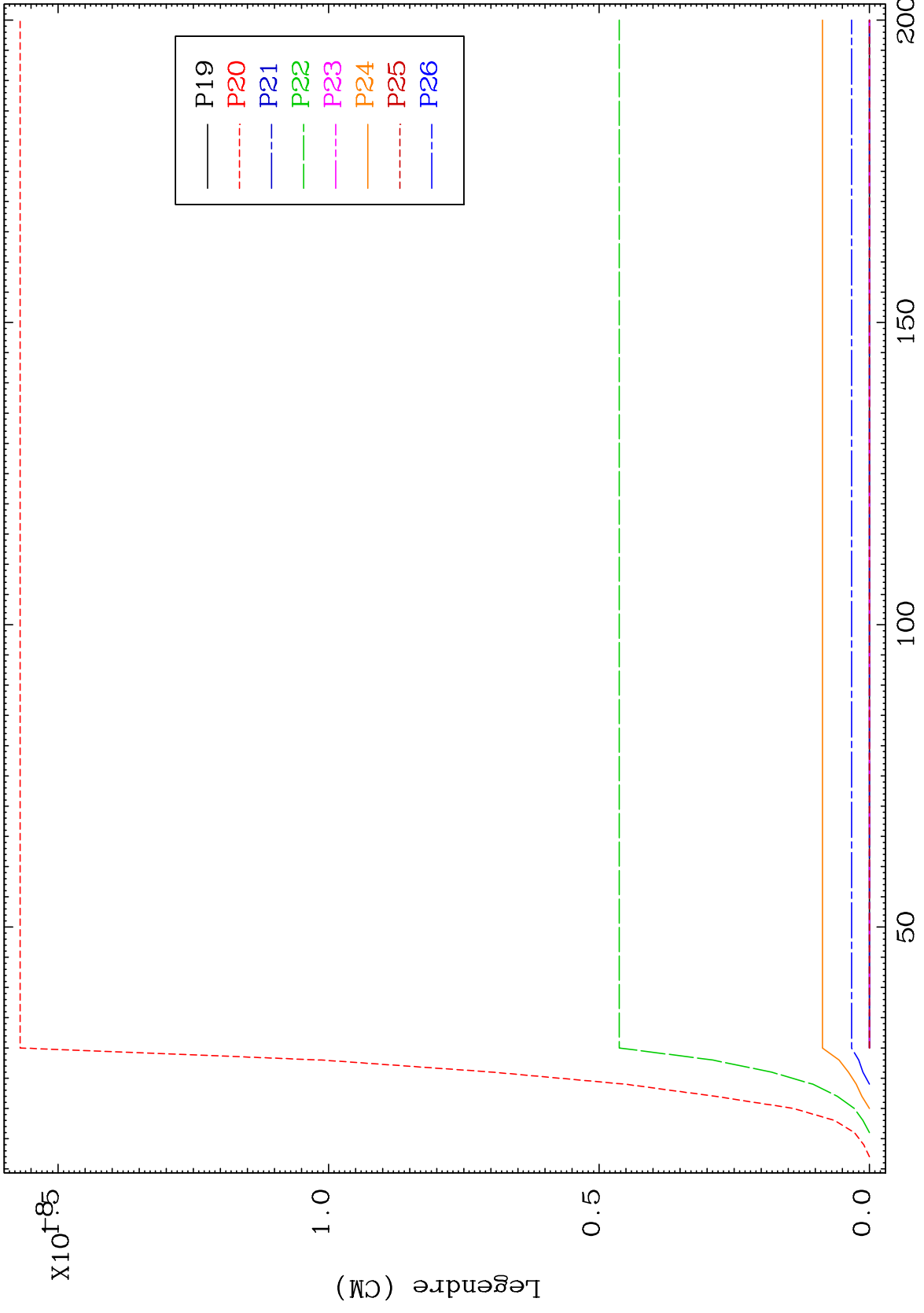


74

Incident Energy (MeV)

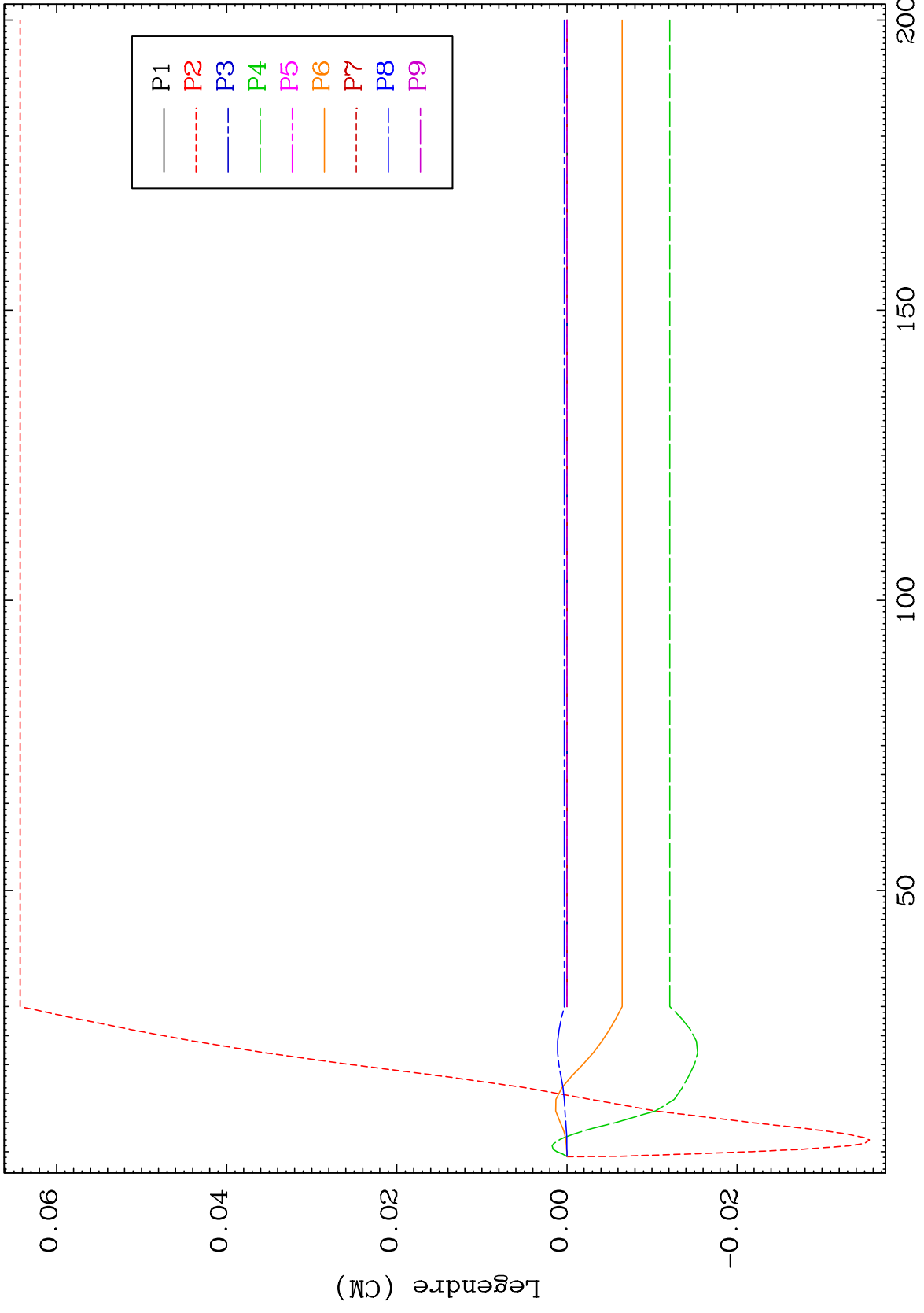
16-S -37

MAT 1640 MT= 69 (n,n') Level Legendre Coefficients 16-S -37



75 100 150 200 Incident Energy (MeV) 16-S -37

MAT 1640 MT= 70 (n,n') Level Legendre Coefficients 16-S -37

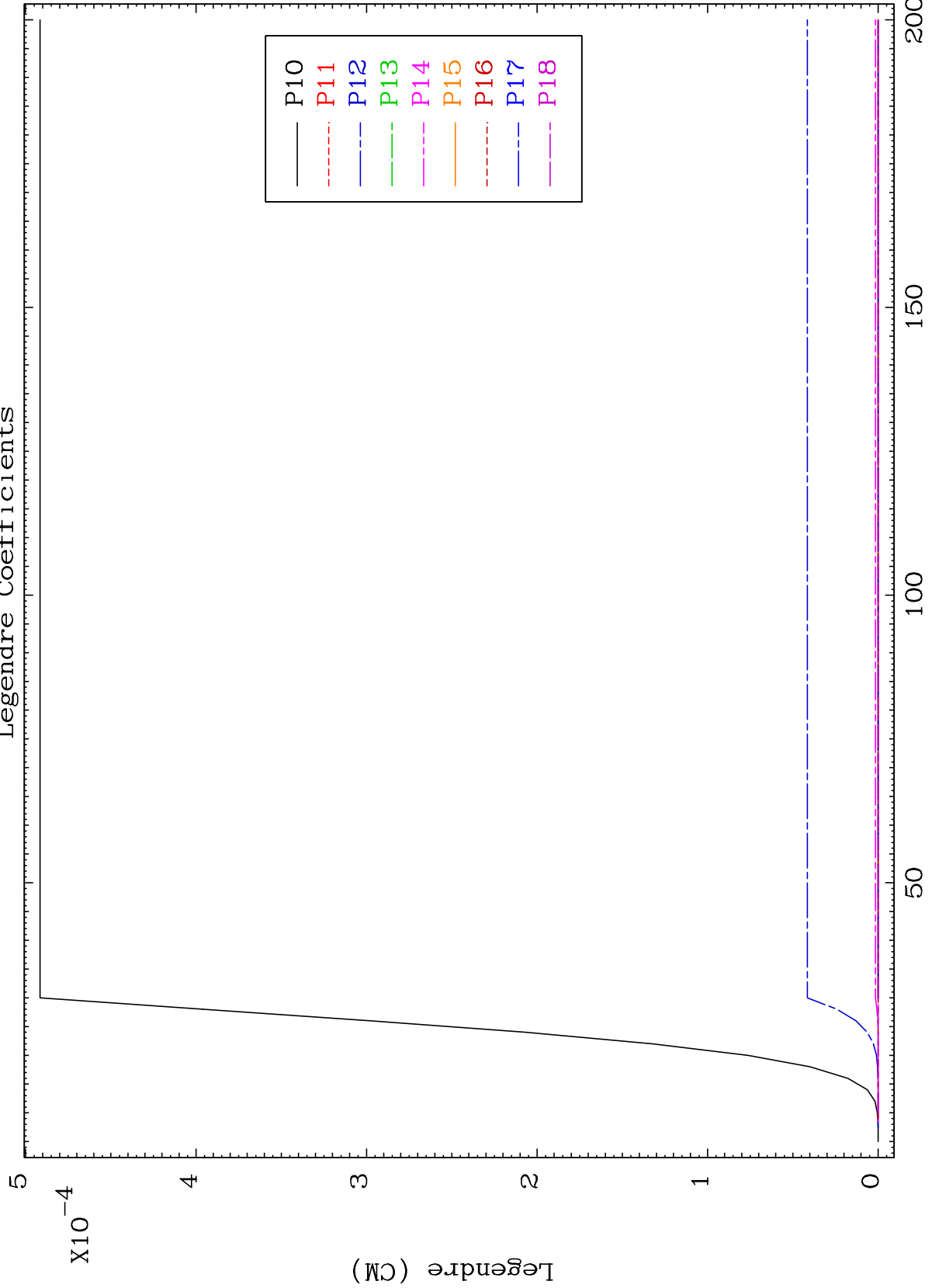


76 16-S -37

MAT 1640

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

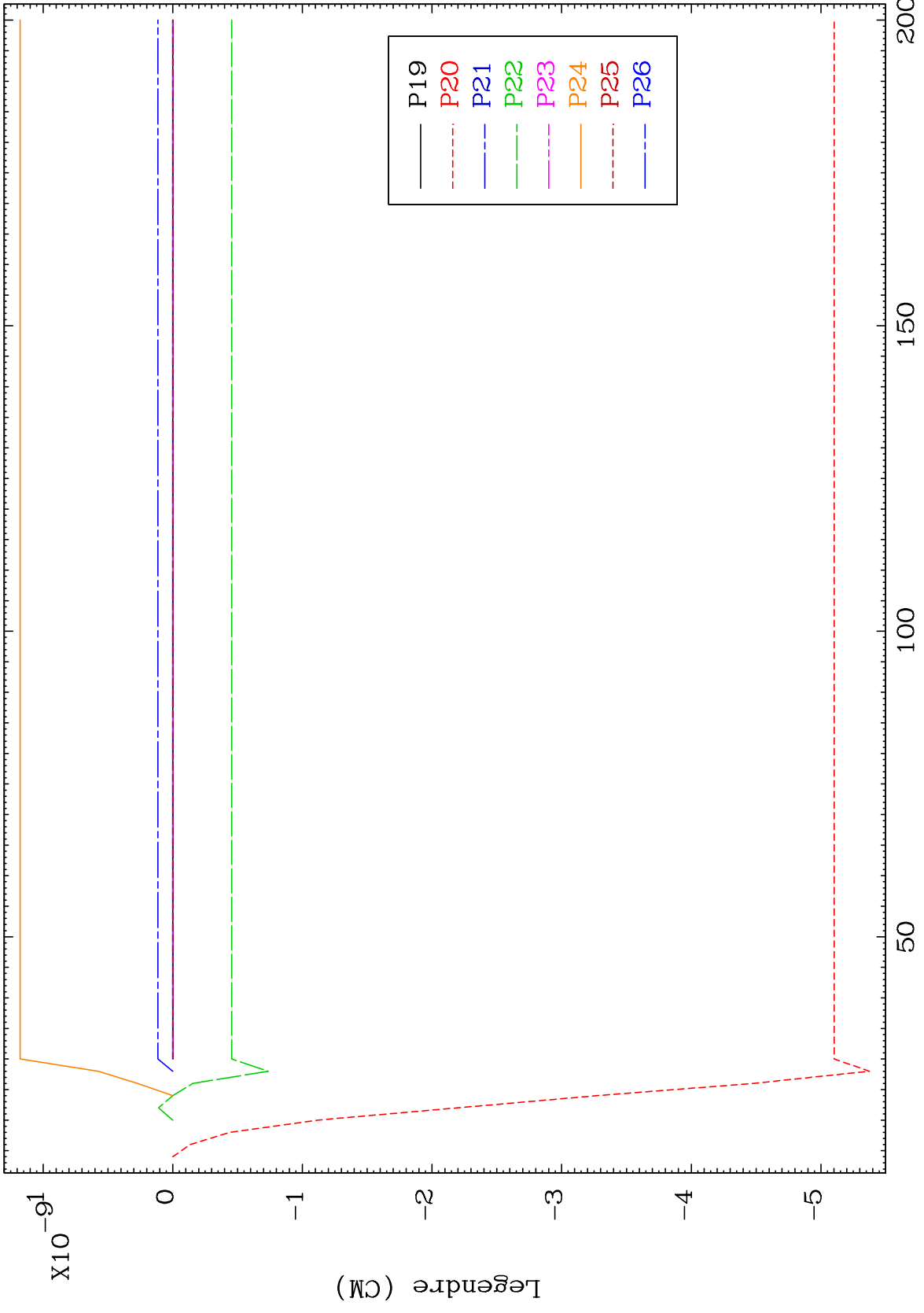
16-S -37



77

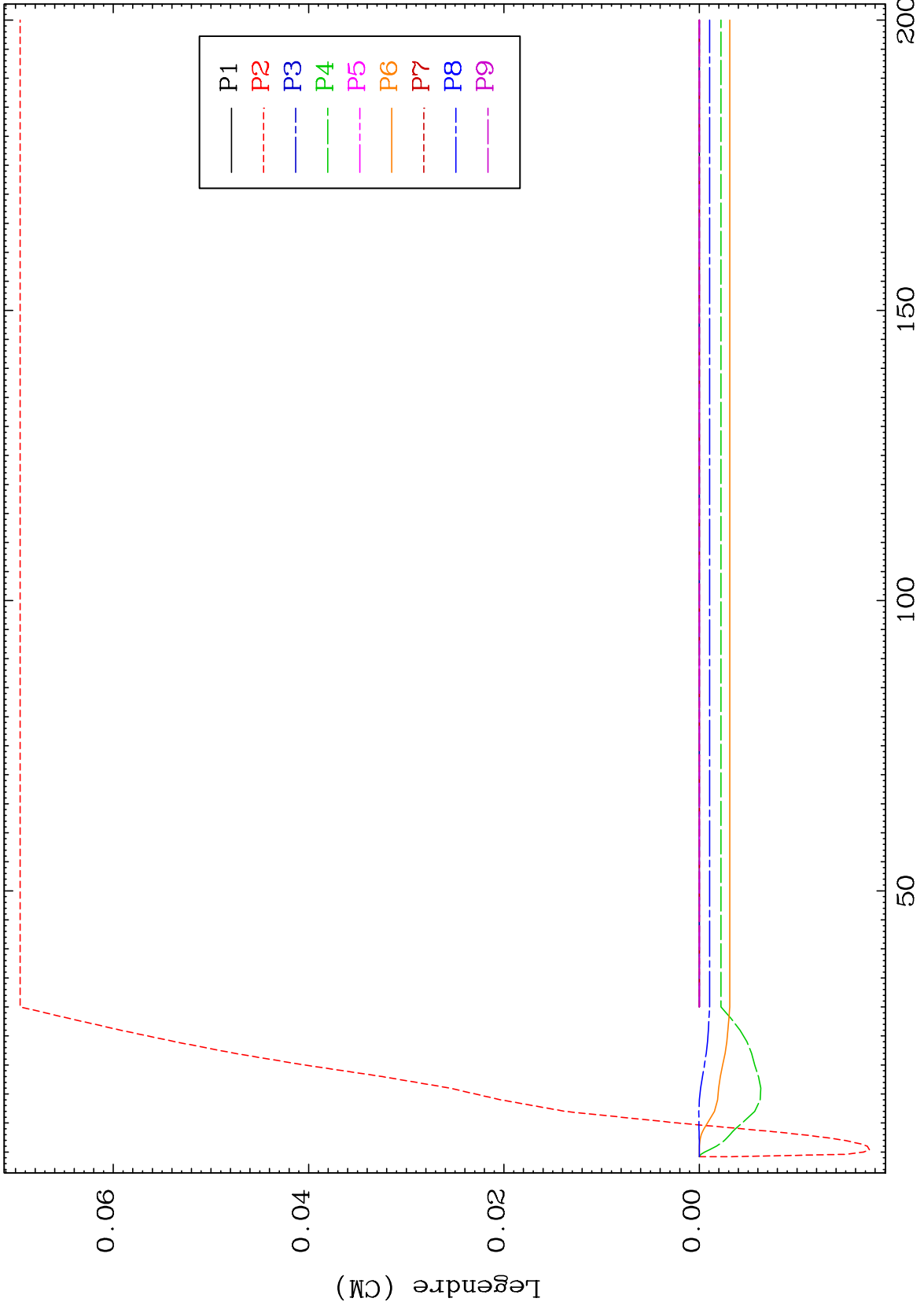
16-S -37

MAT 1640 MT= 70 (n,n') Level Legendre Coefficients 16-S -37



78 16-S -37

MAT 1640 MT= 71 (n,n') Level Legendre Coefficients 16-S -37

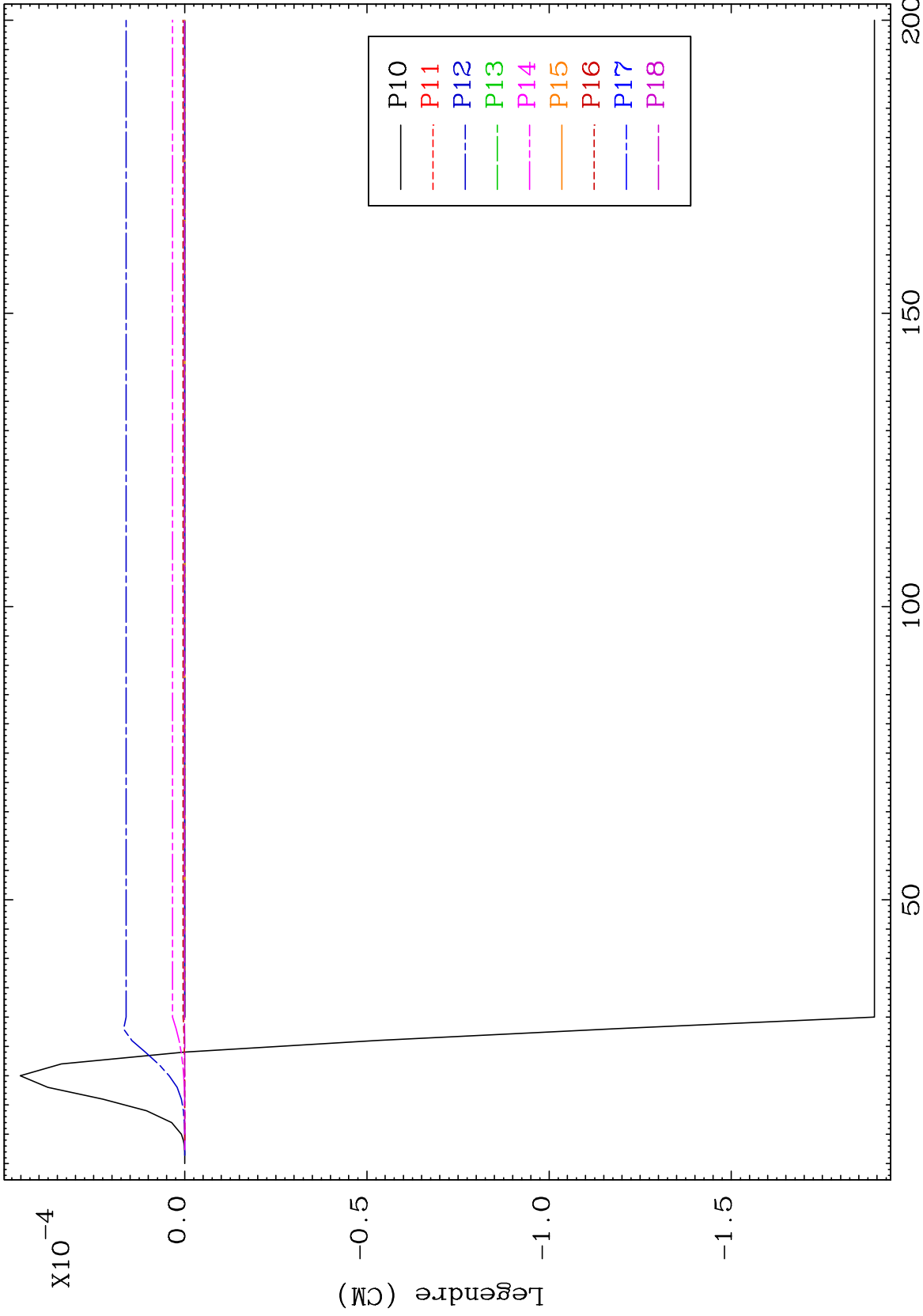


79 16-S -37

MAT 1640

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

16-S -37

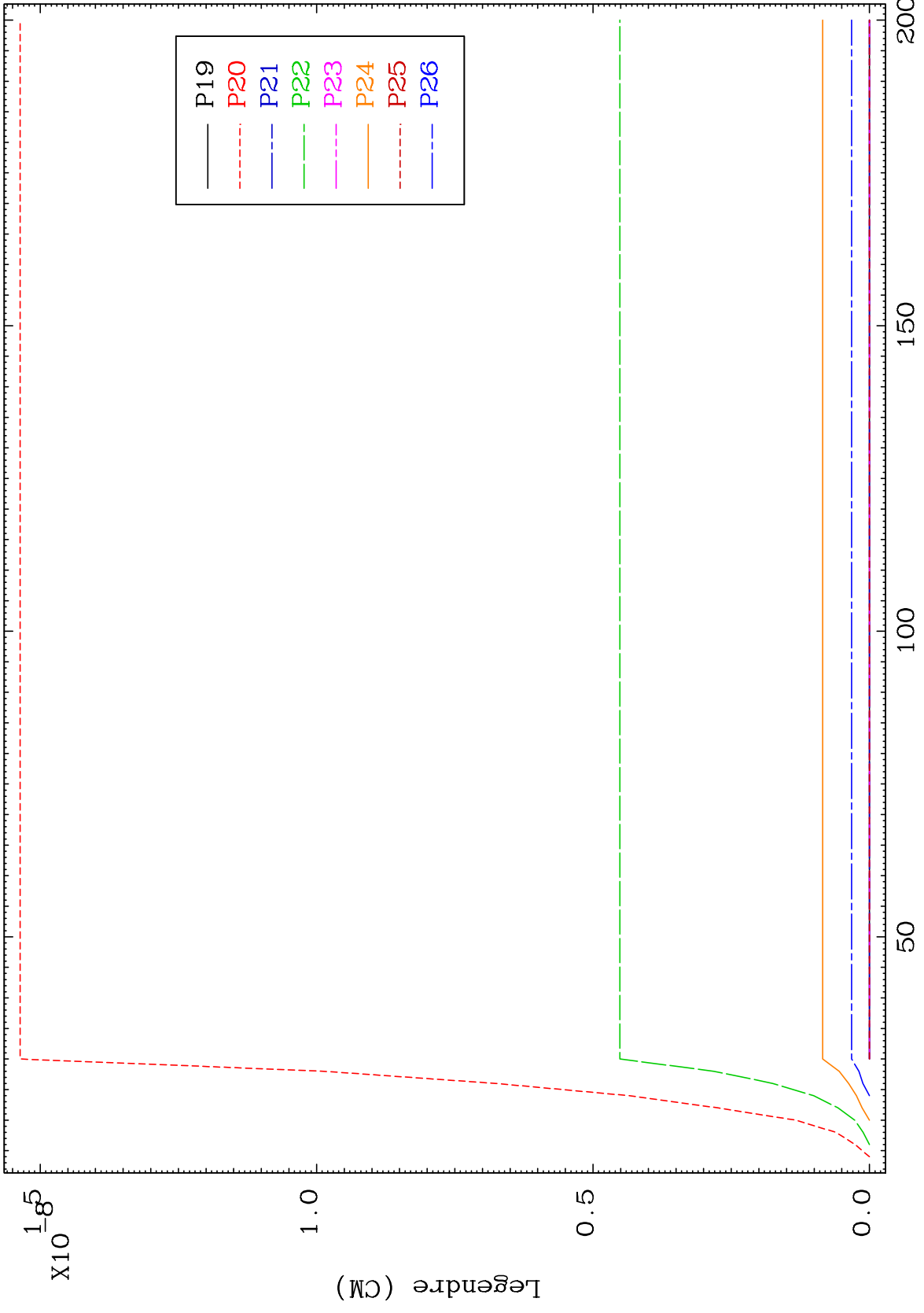


80

Incident Energy (MeV)

16-S -37

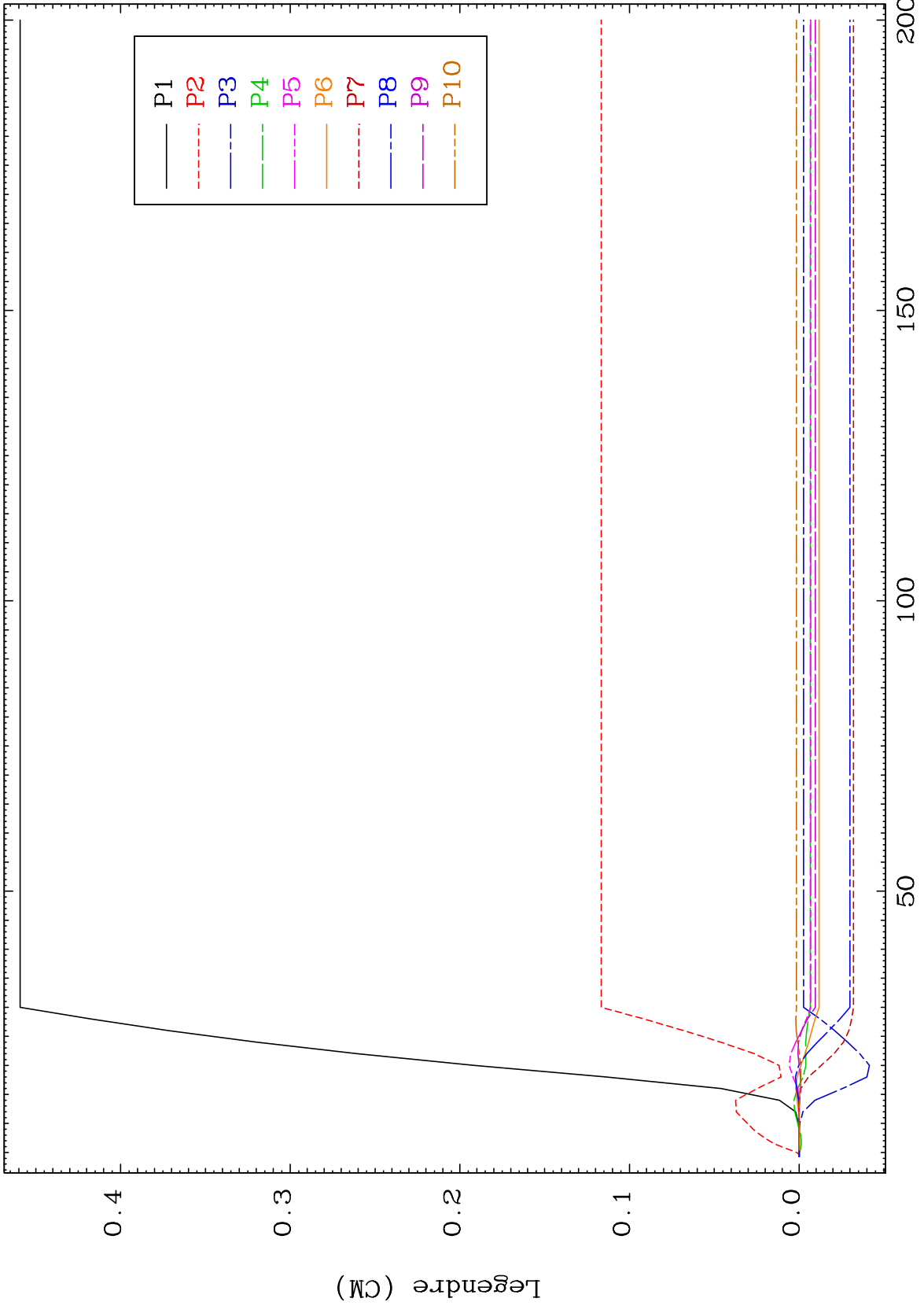
MAT 1640 MT= 71 (n,n') Level Legendre Coefficients 16-S -37



MAT 1640

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

16-S -37



82

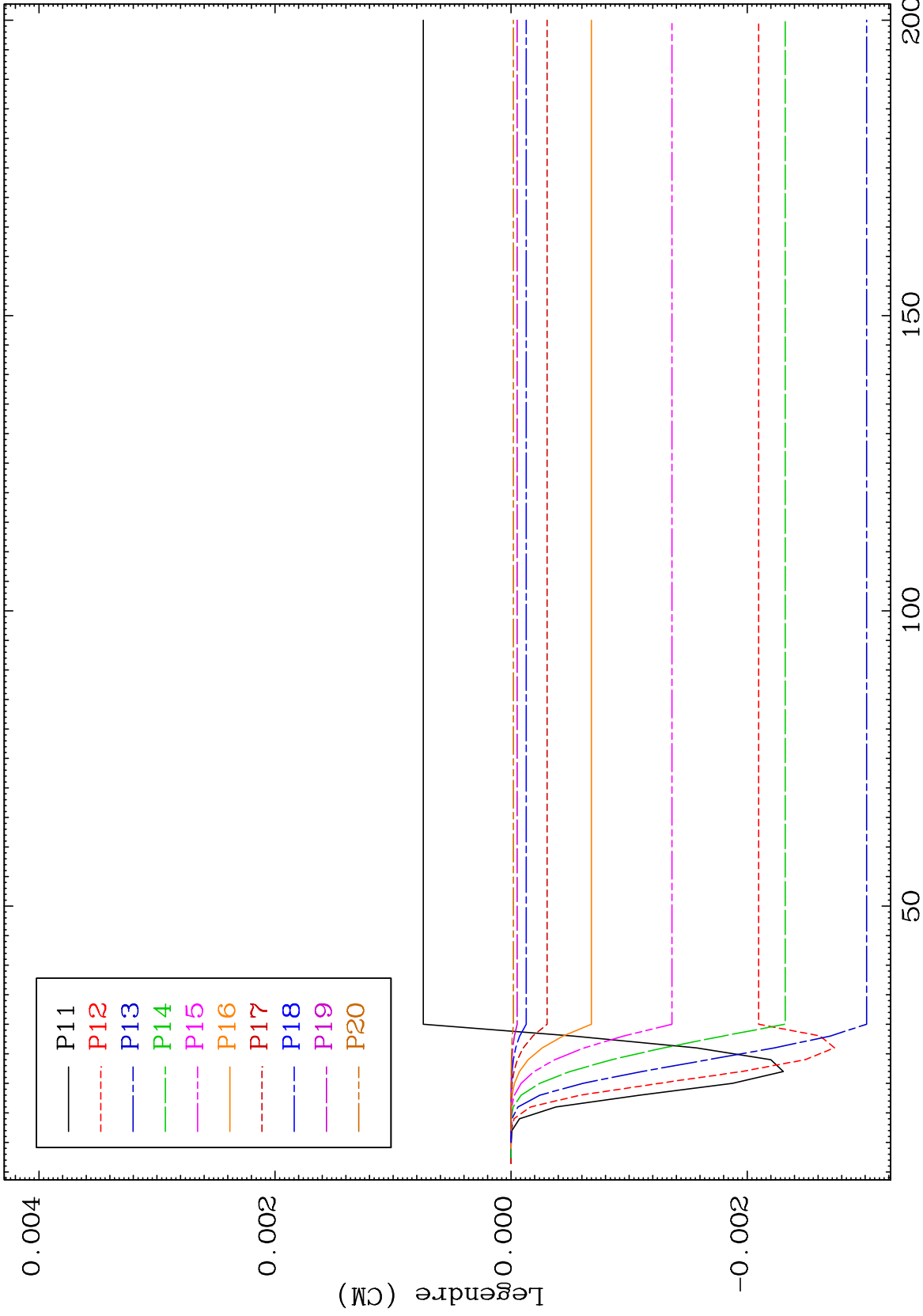
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37

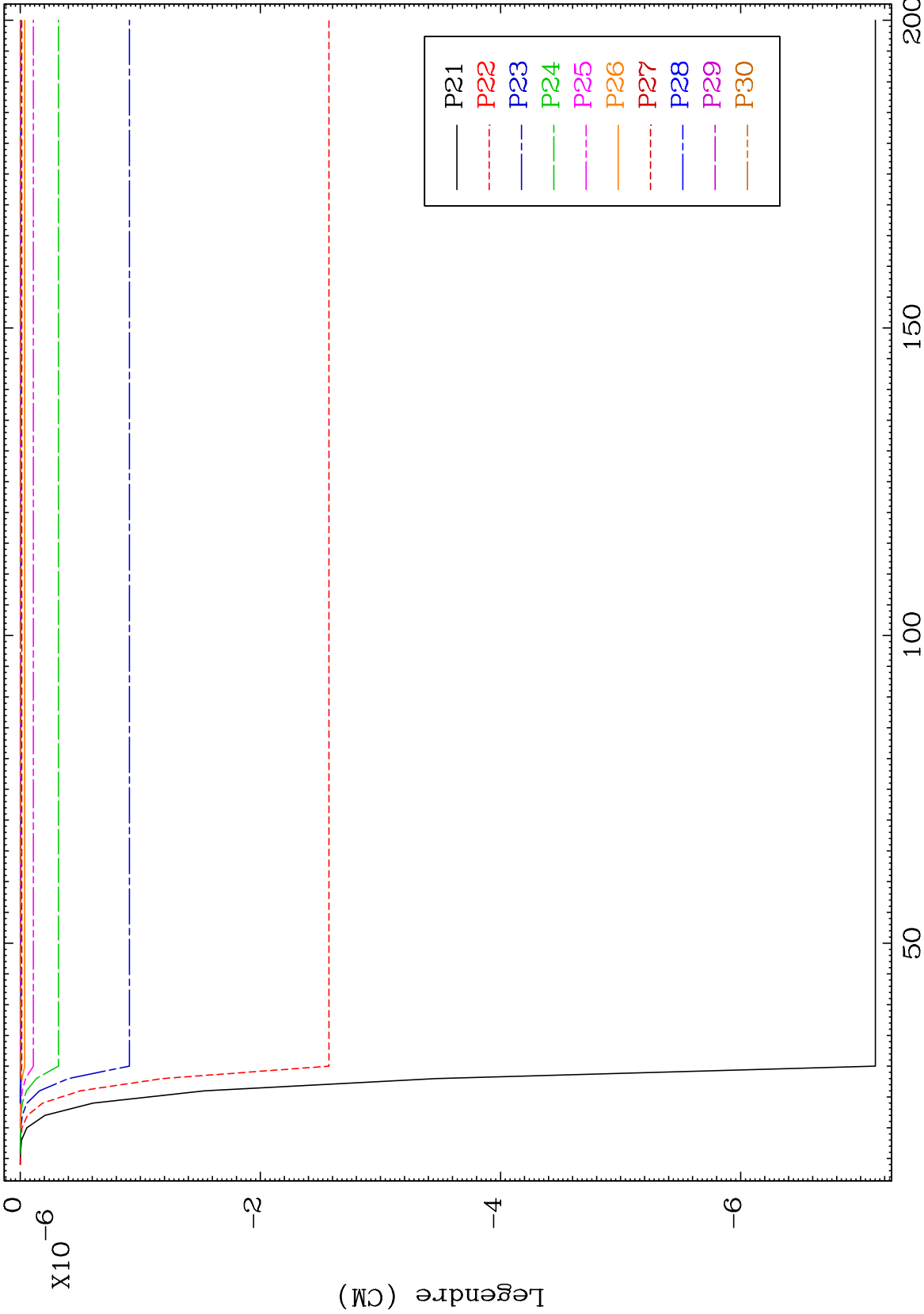


83

Incident Energy (MeV)

16-S -37

MAT 1640 MT= 72 (n,n') Level Legendre Coefficients 16-S -37

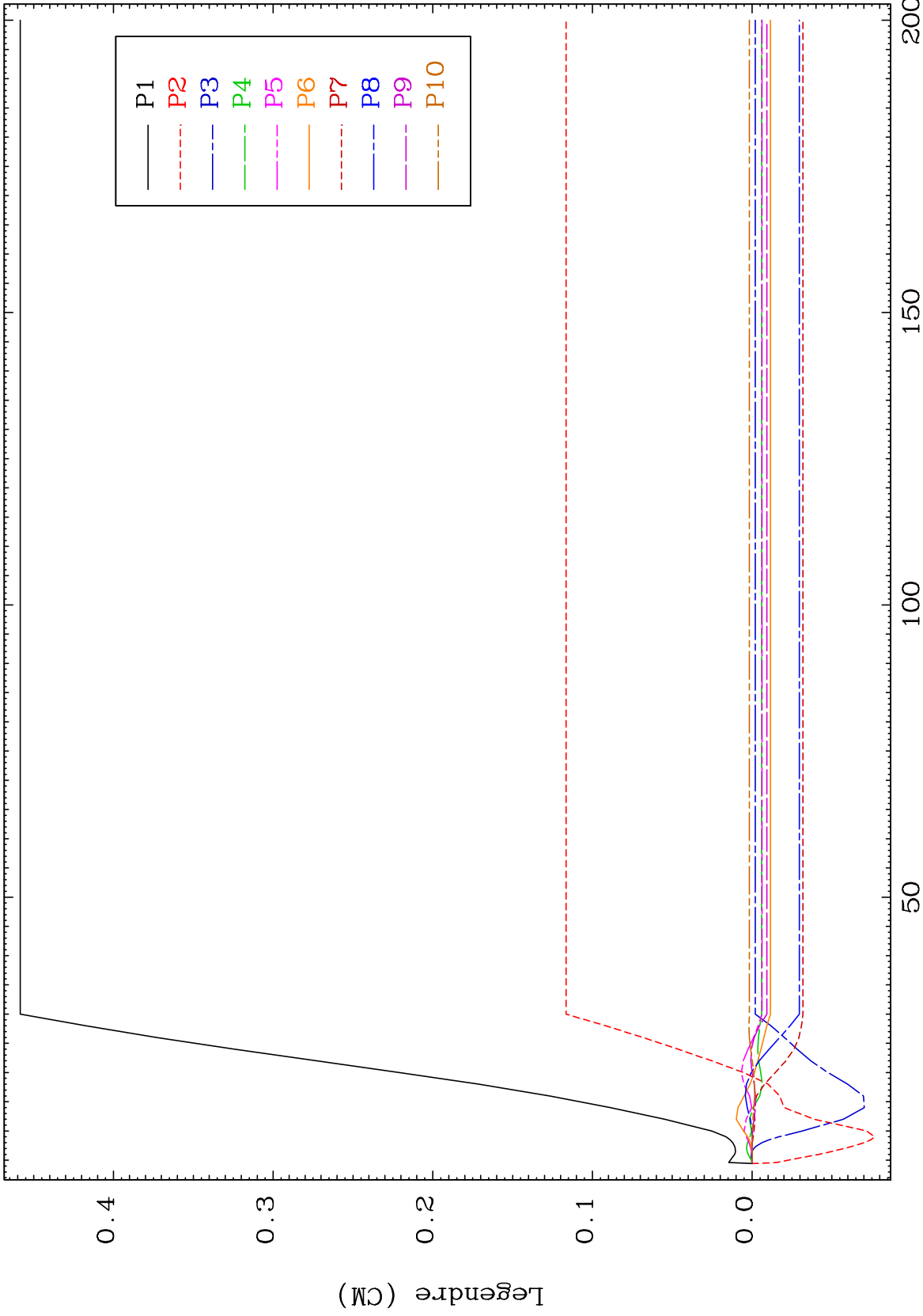


84 16-S -37

MAT 1640

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

16-S -37



85

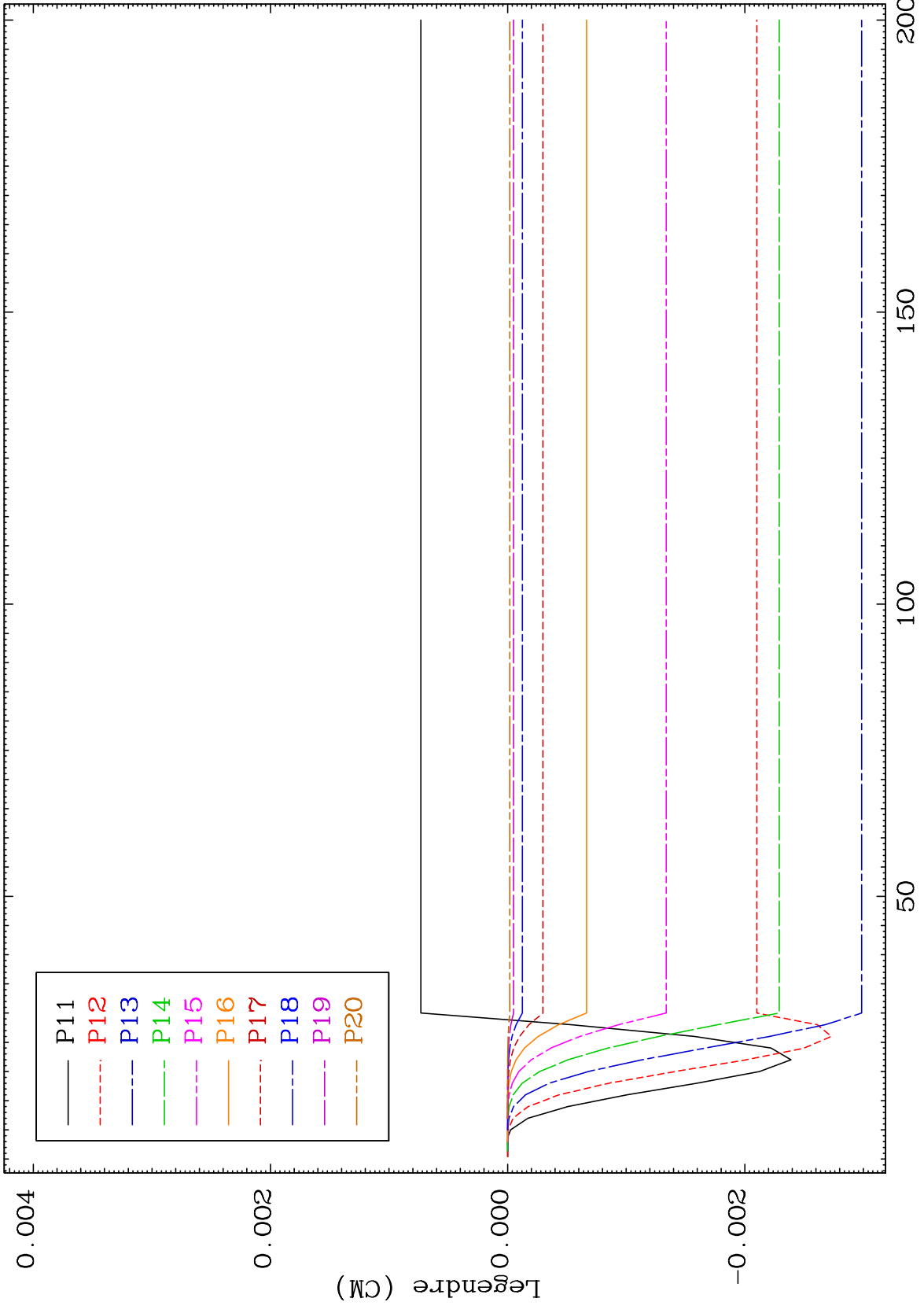
Incident Energy (MeV)

16-S -37

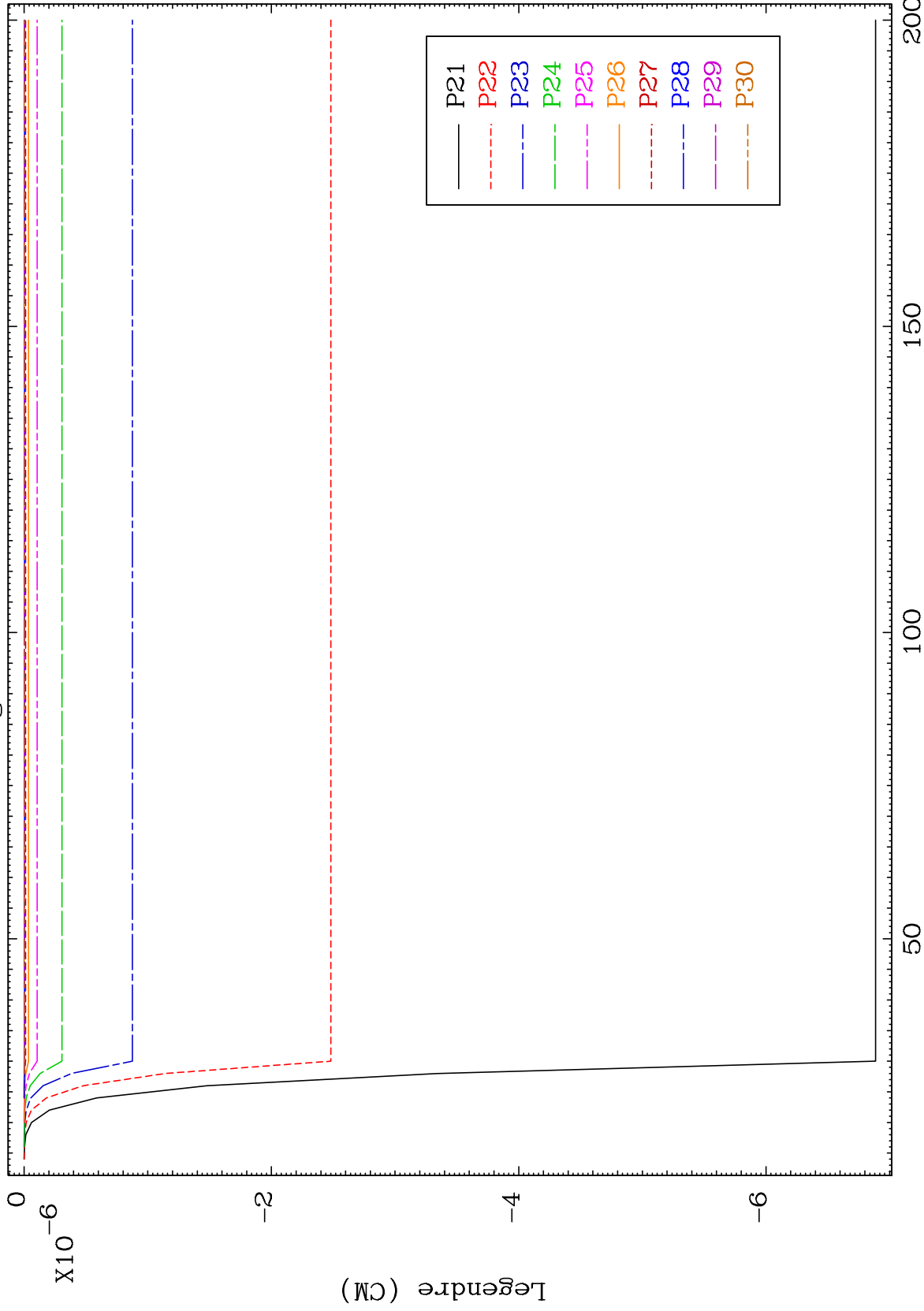
MAT 1640

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

16-S -37



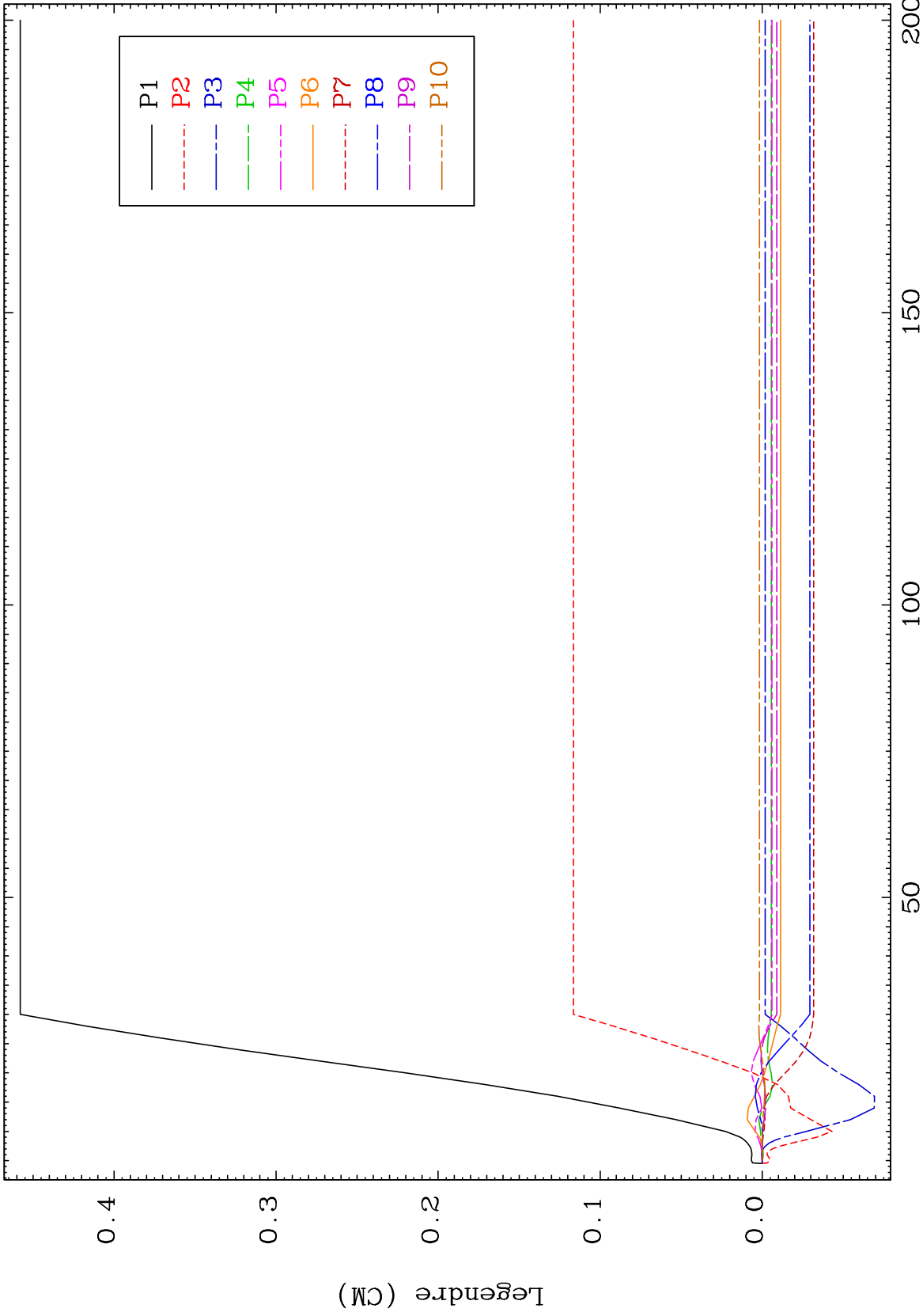
MAT 1640 MT= 73 (n,n') Level Legendre Coefficients 16-S -37



MAT 1640

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

16-S -37



88

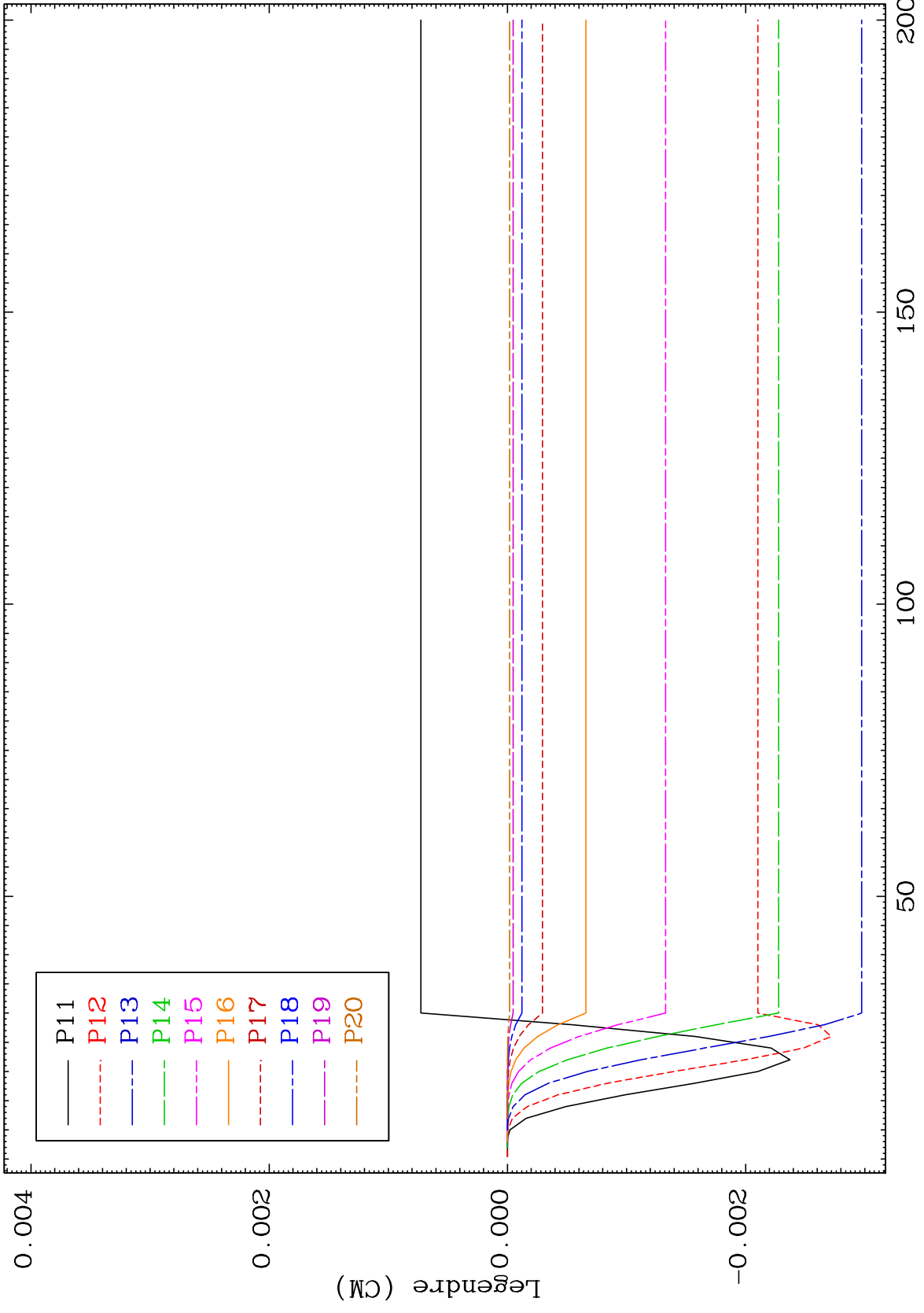
Incident Energy (MeV)

16-S -37

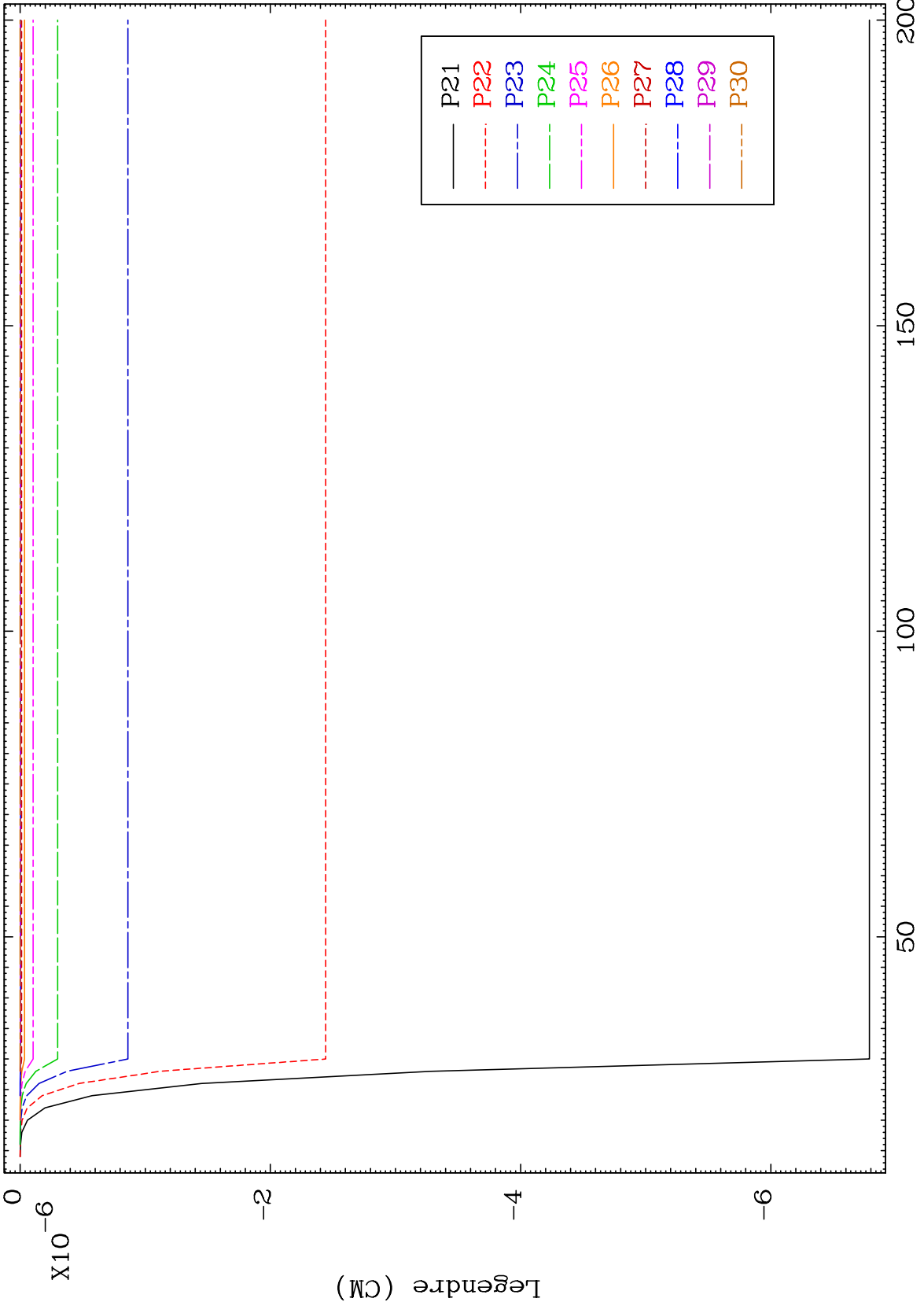
MAT 1640

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

16-S -37



MAT 1640 MT= 74 (n,n') Level Legendre Coefficients 16-S -37

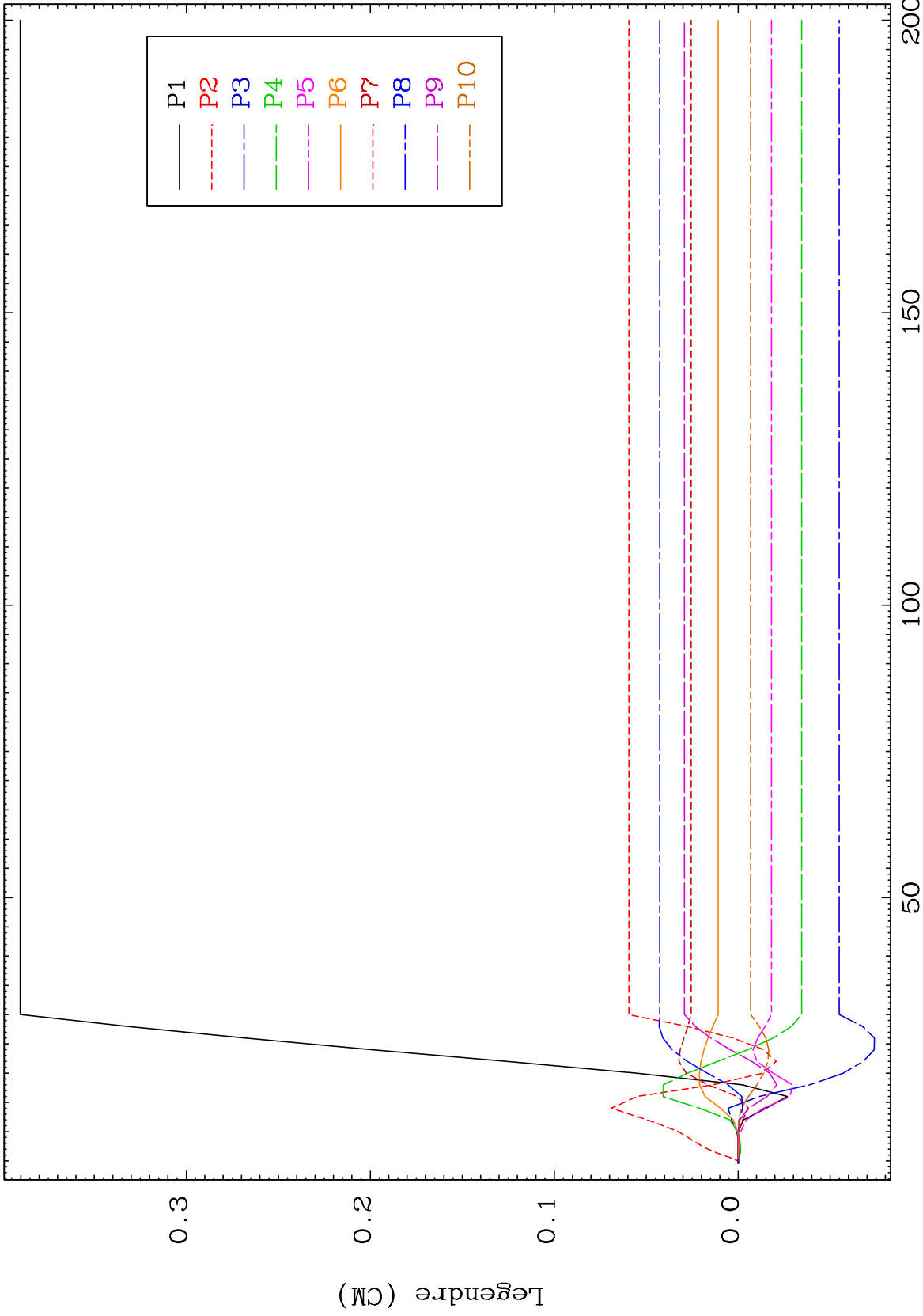


90 Incident Energy (MeV) 16-S -37

MAT 1640

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

16-S -37



91

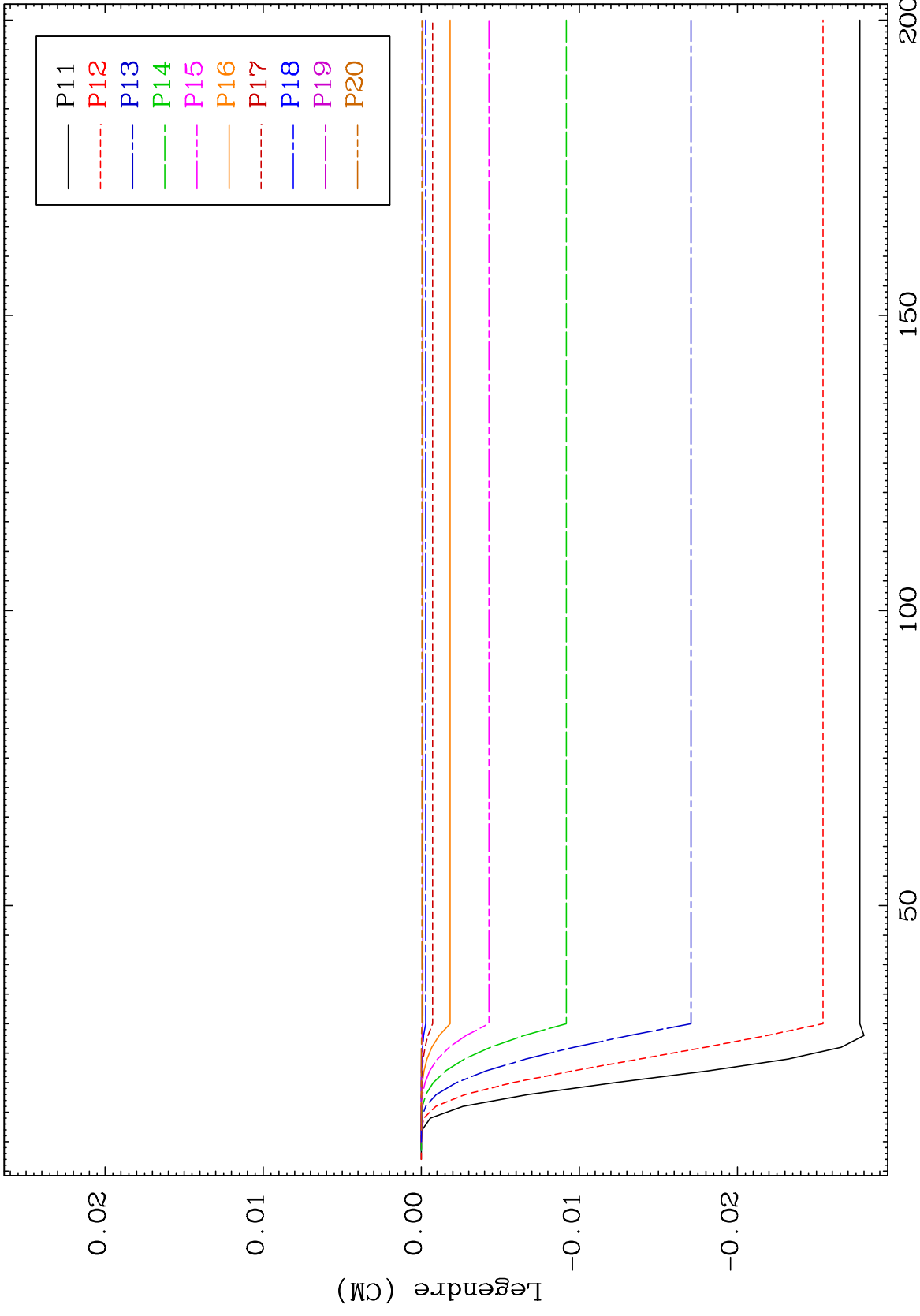
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37

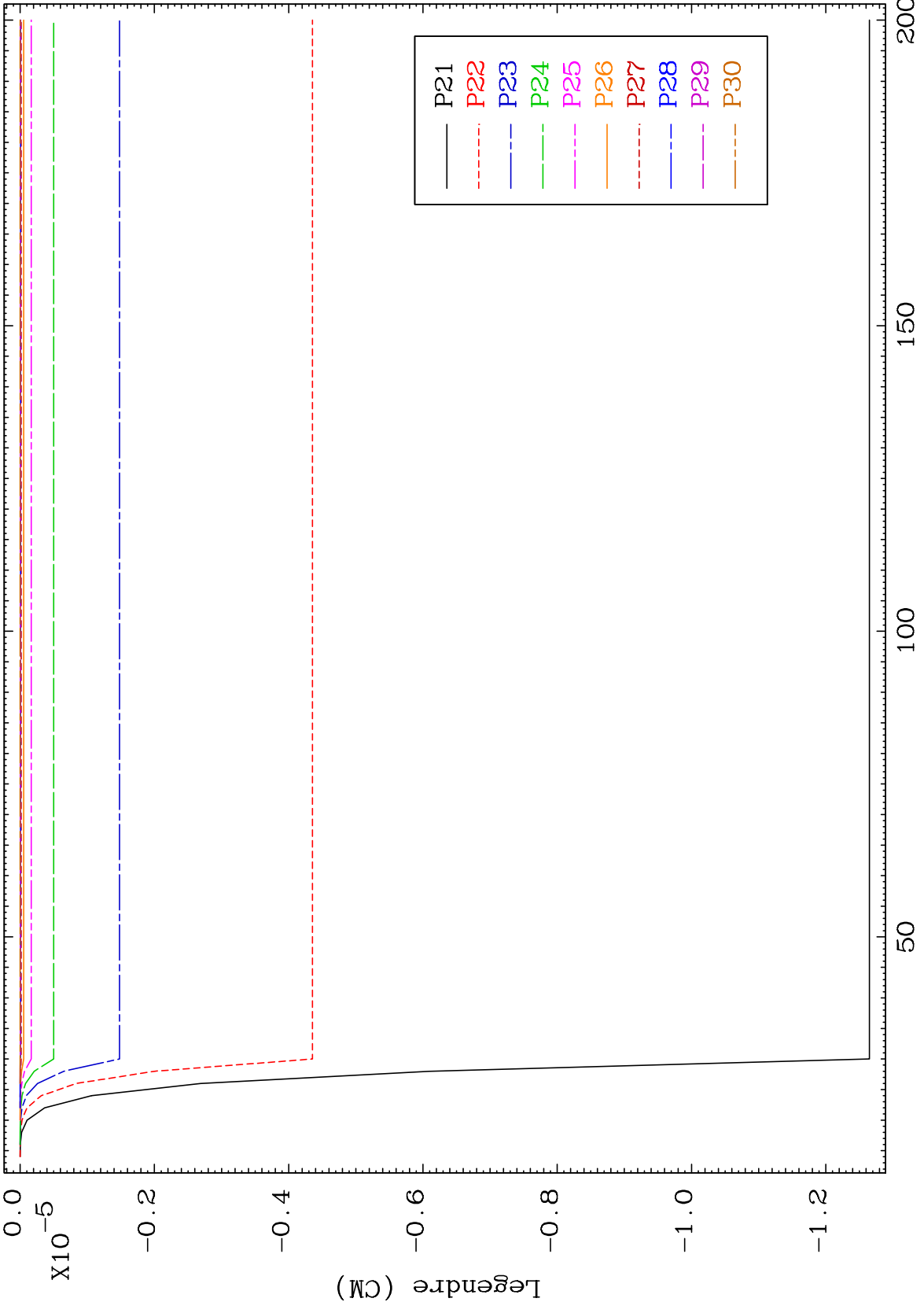


92

Incident Energy (MeV)

16-S -37

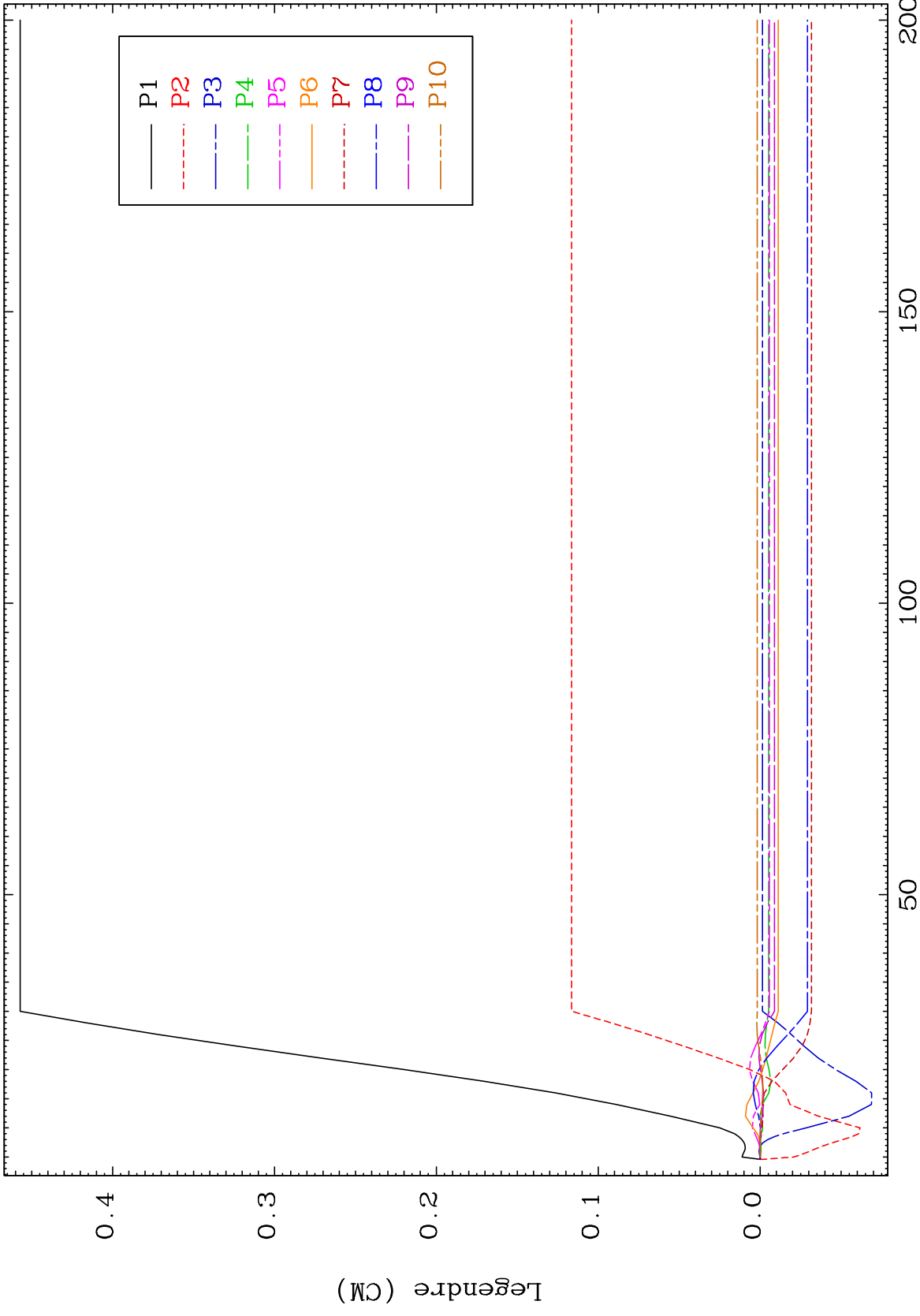
MAT 1640 MT= 75 (n,n') Level Legendre Coefficients 16-S -37



MAT 1640

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

16-S -37



94

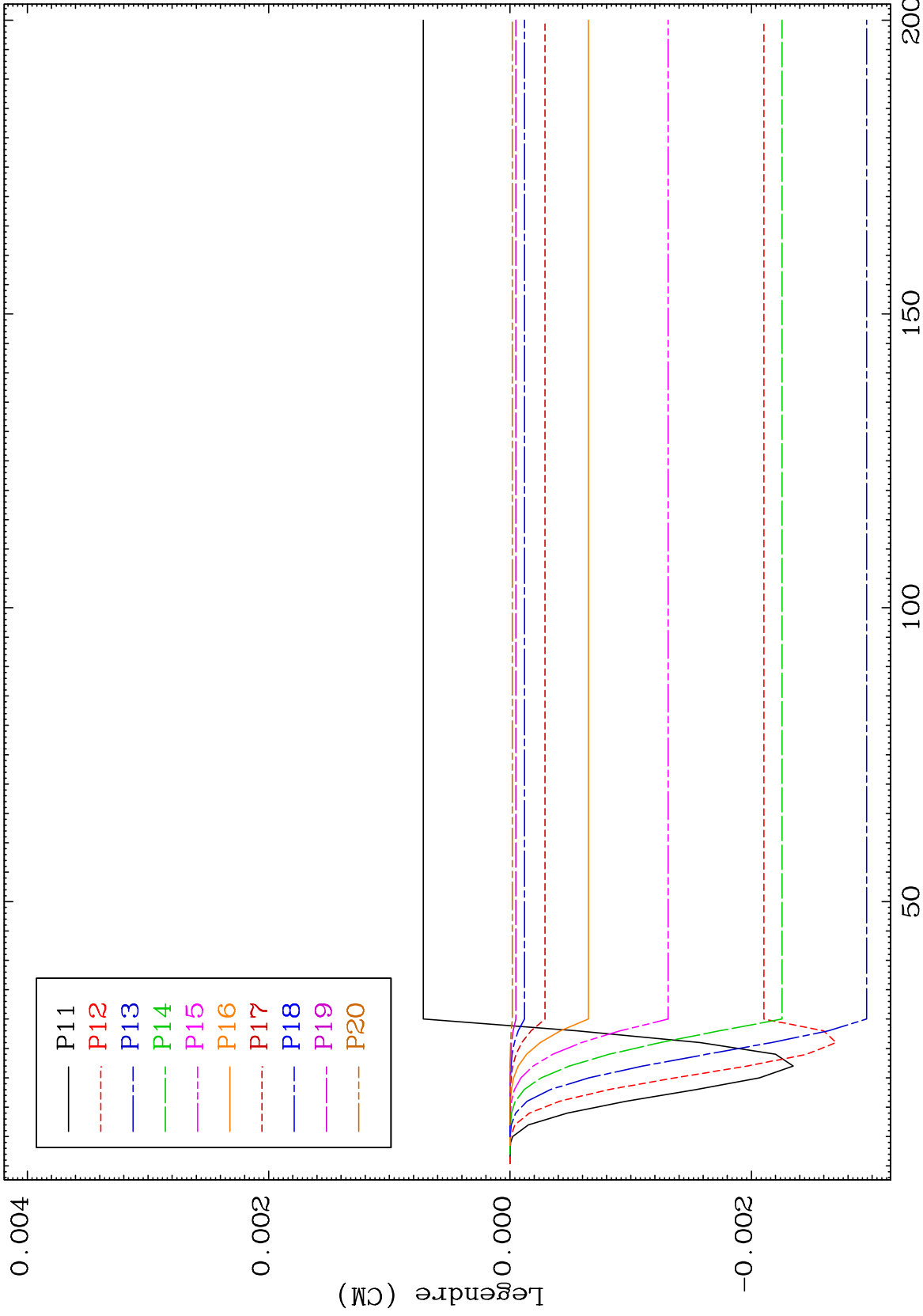
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37

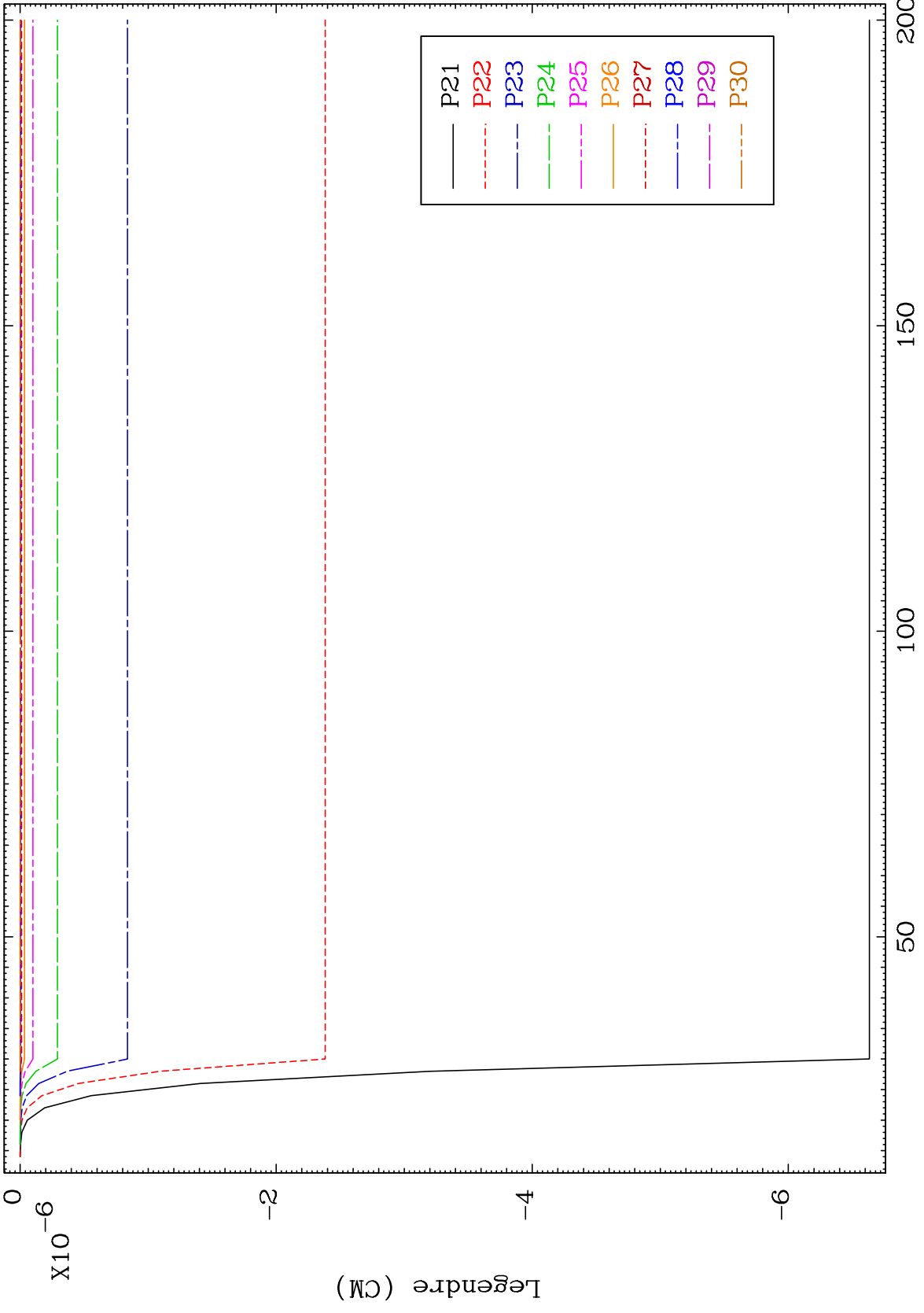


95

Incident Energy (MeV)

16-S -37

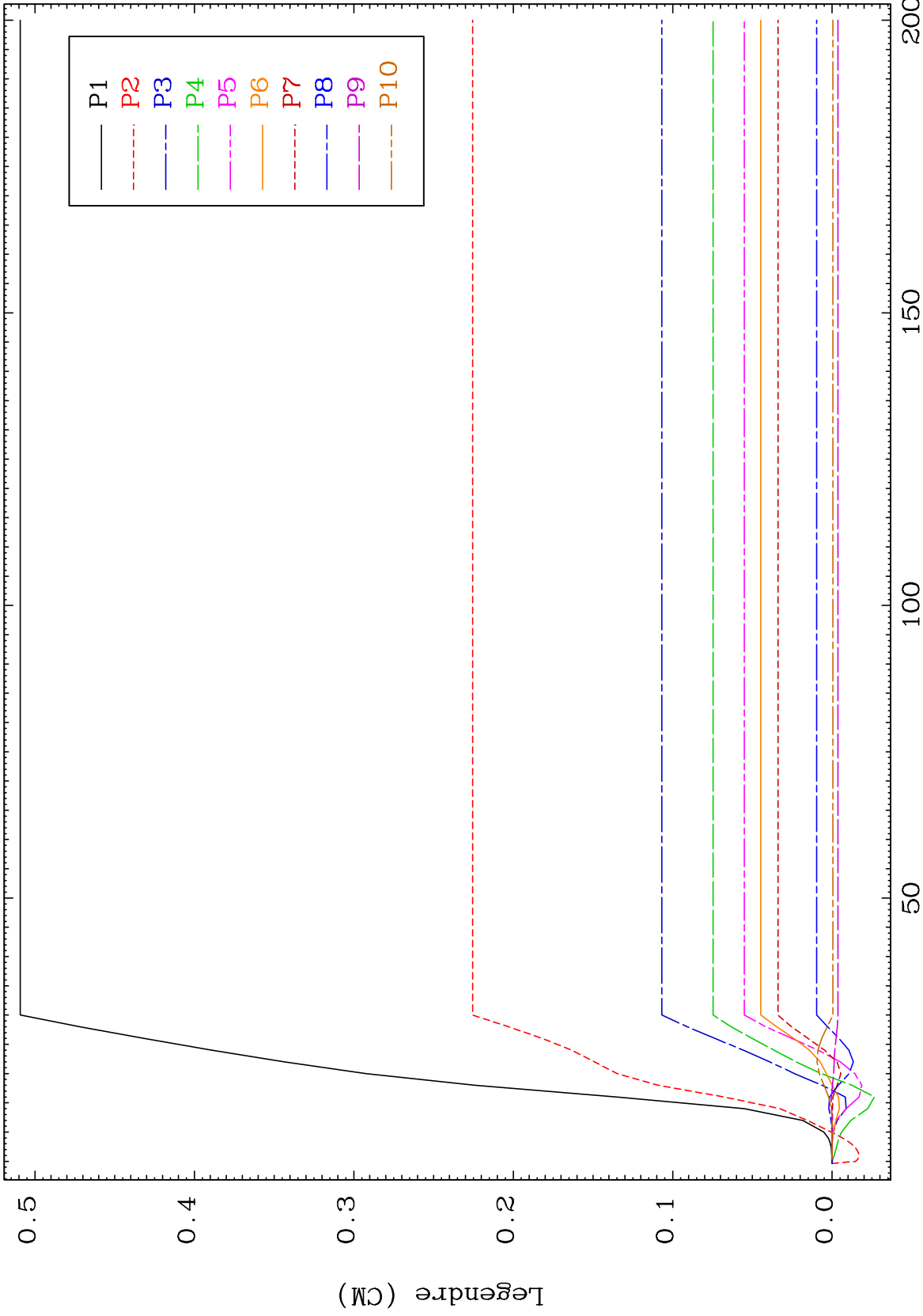
MAT 1640 MT= 76 (n,n') Level Legendre Coefficients 16-S -37



MAT 1640

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

16-S -37



97

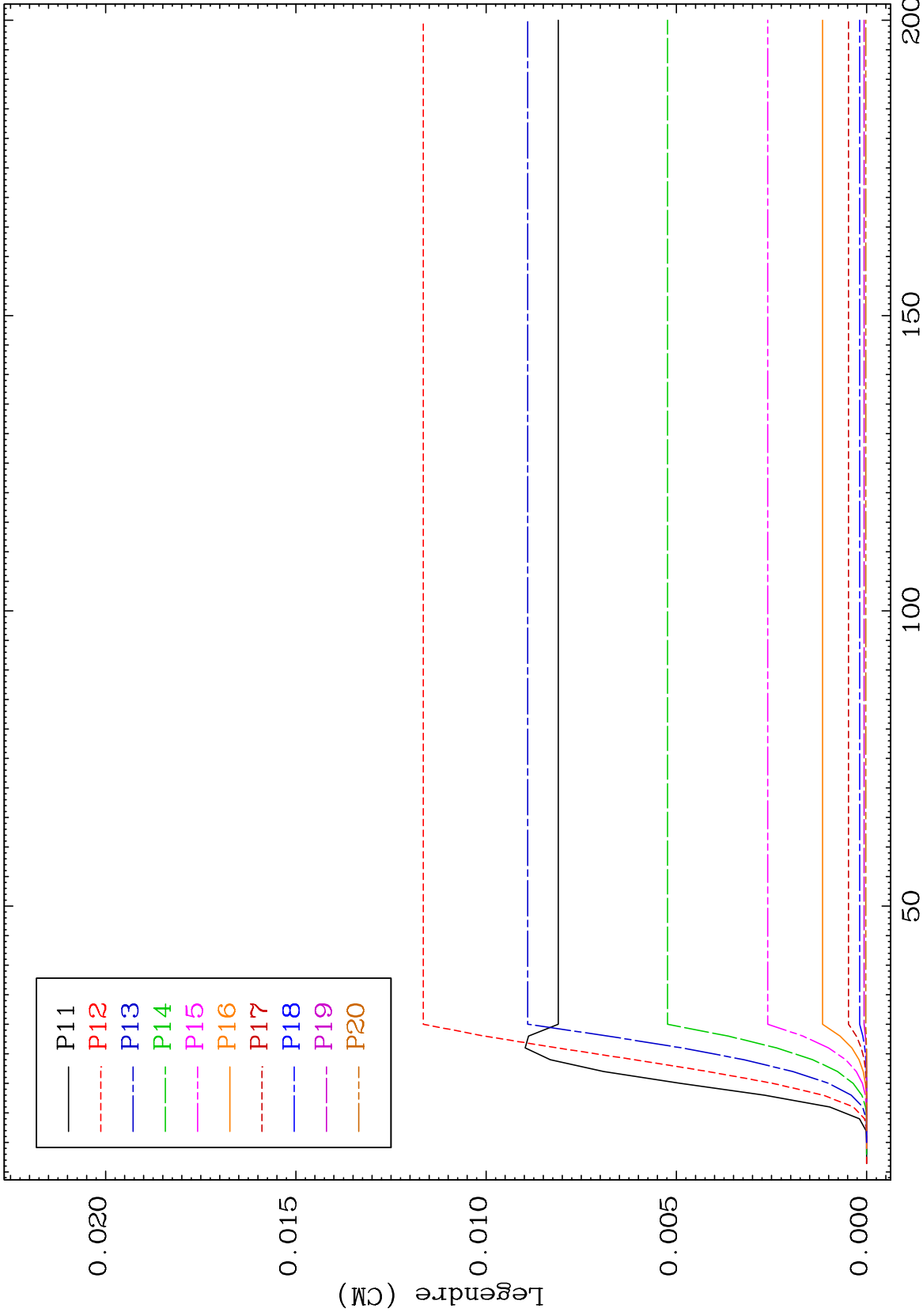
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37



98

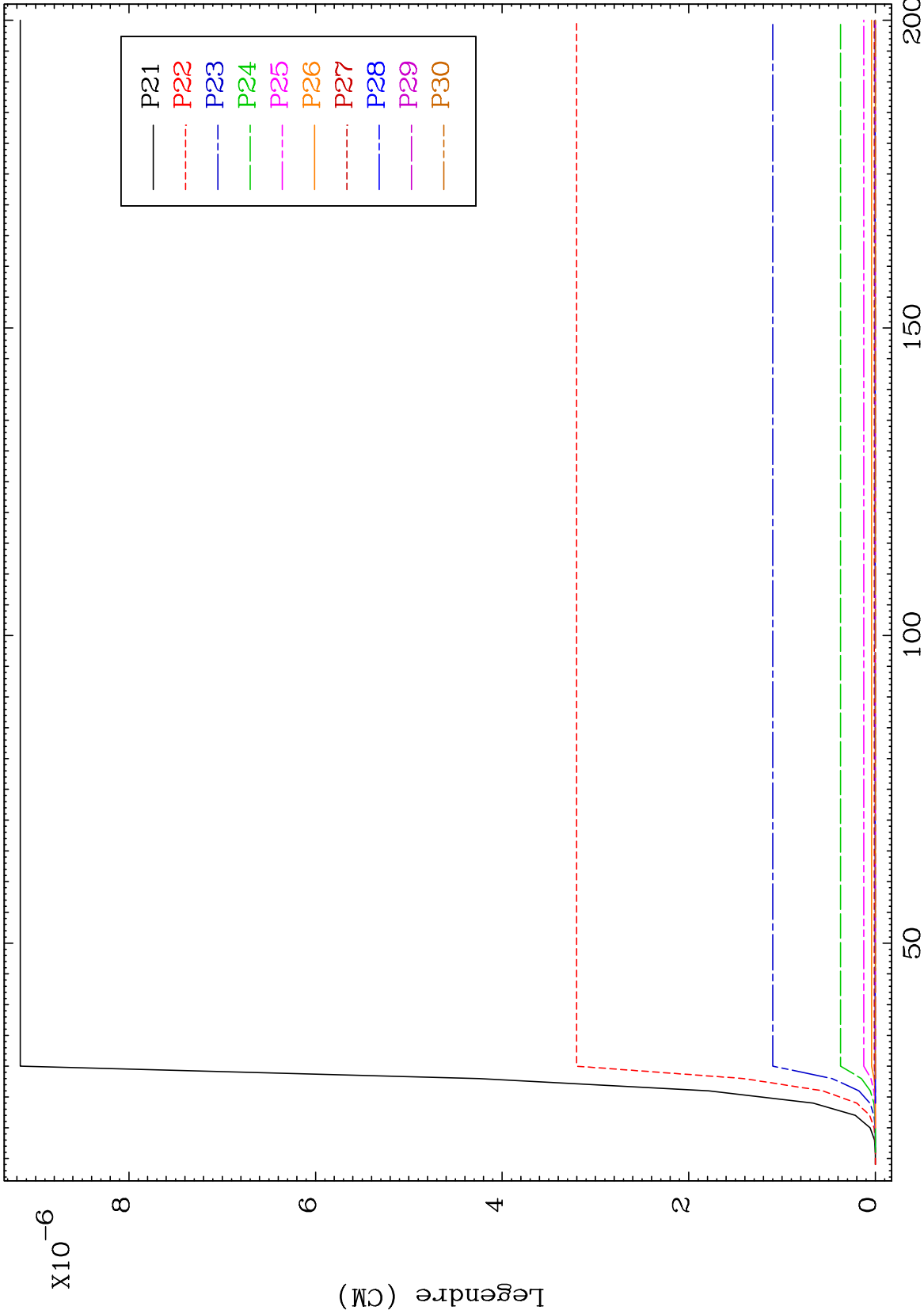
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37



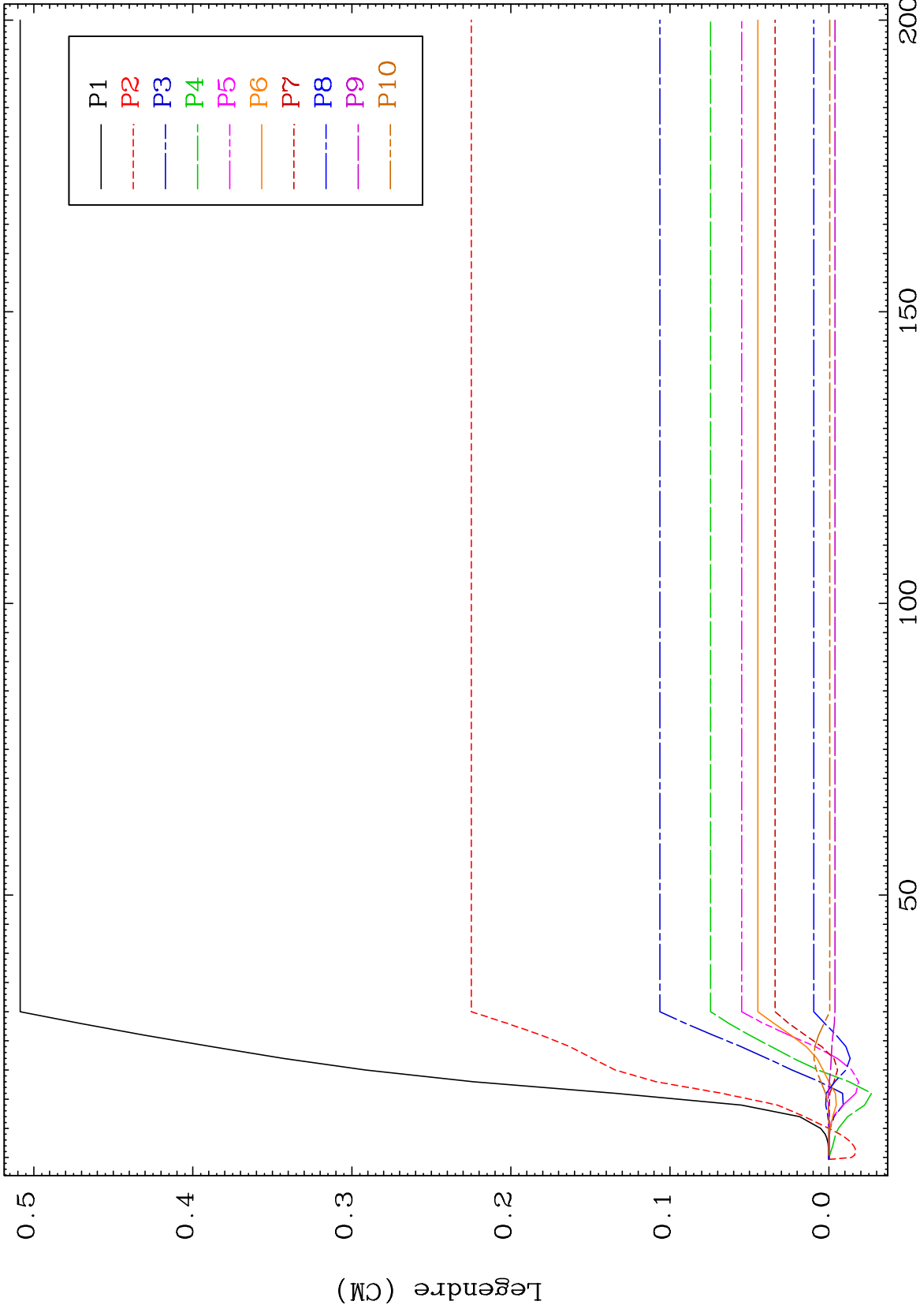
99

16-S -37

MAT 1640

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

16-S -37



100

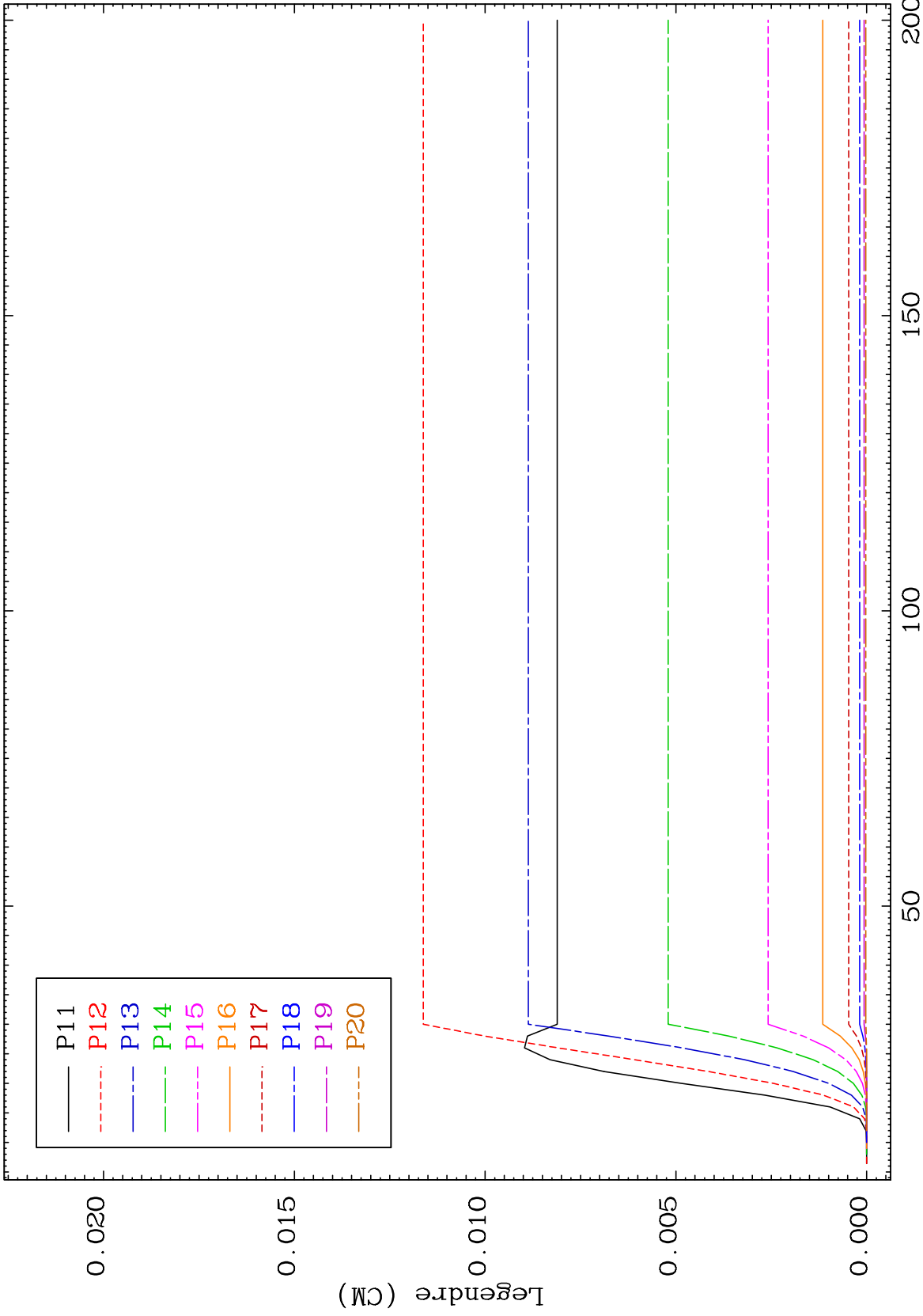
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37



101

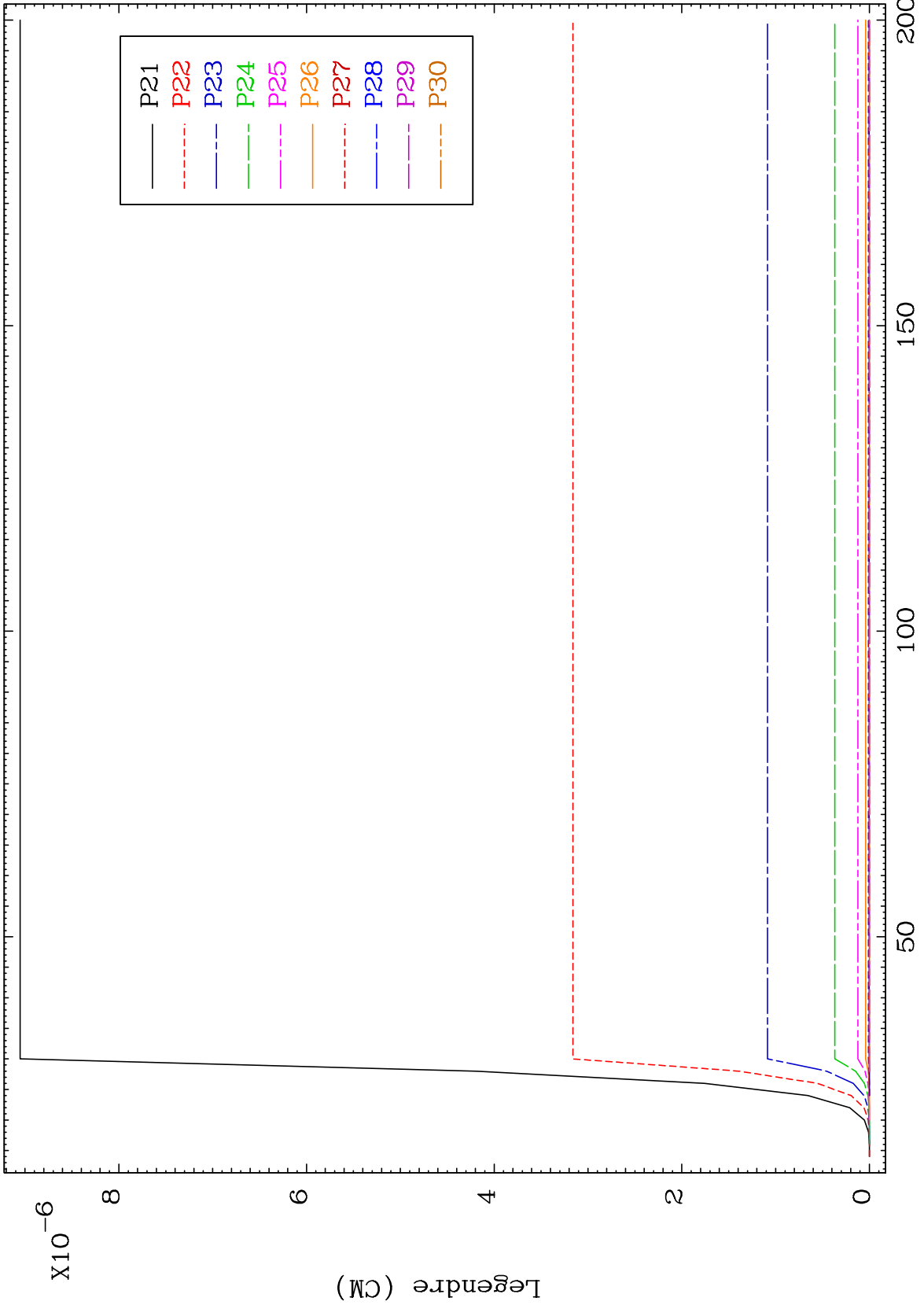
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37



102

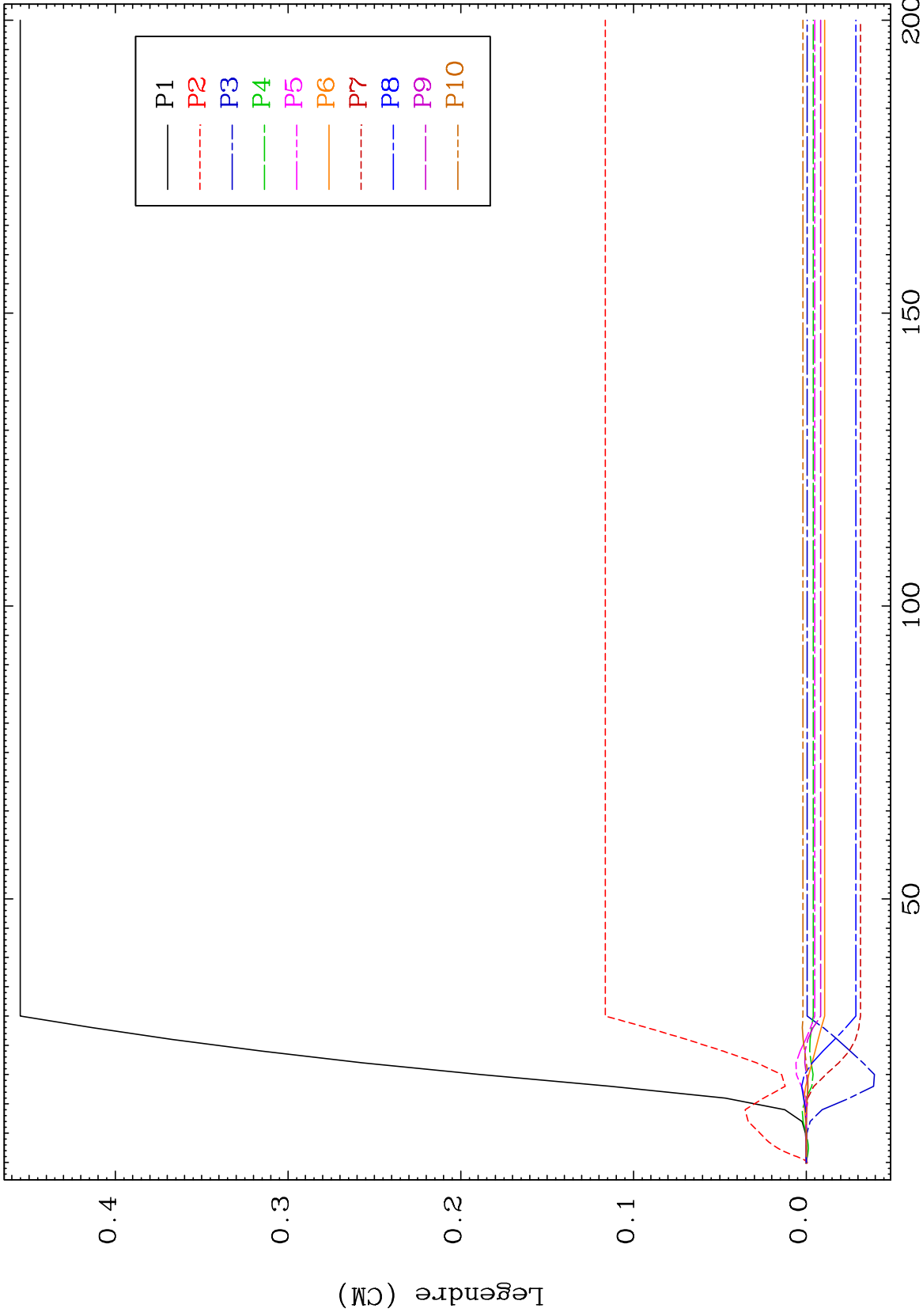
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37



103

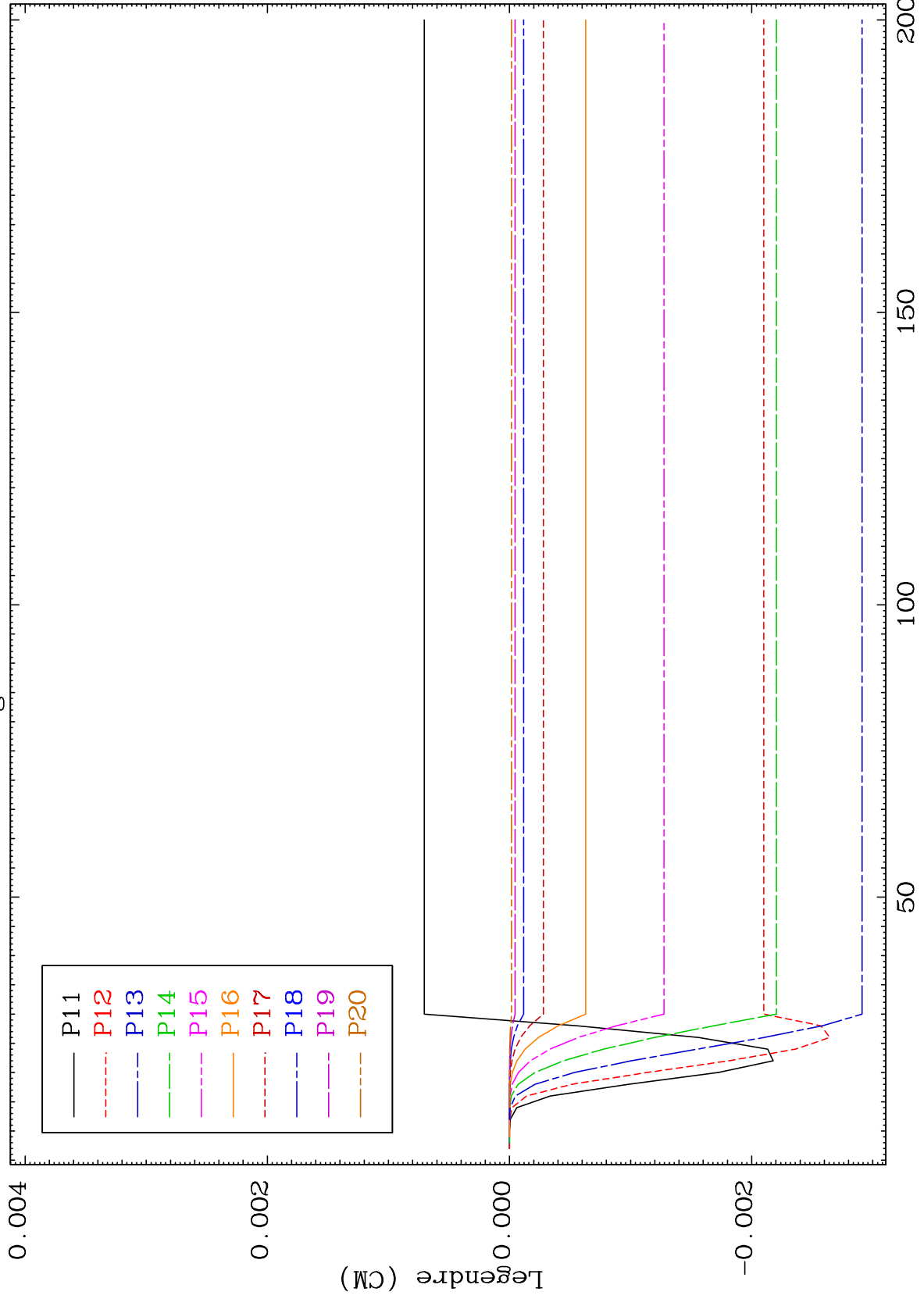
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37

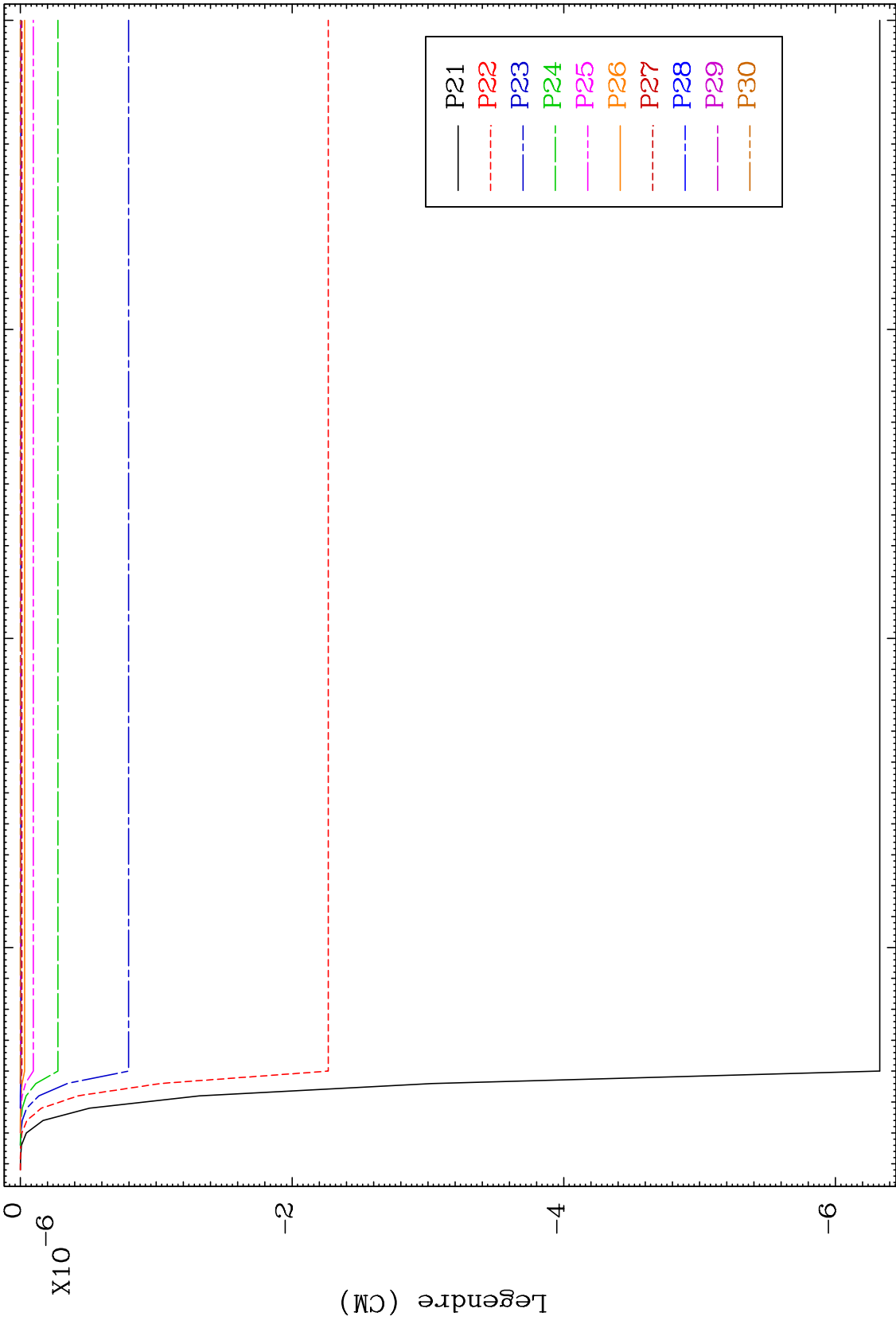


104

Incident Energy (MeV)

16-S -37

MAT 1640 MT= 79 (n,n') Level Legendre Coefficients 16-S -37

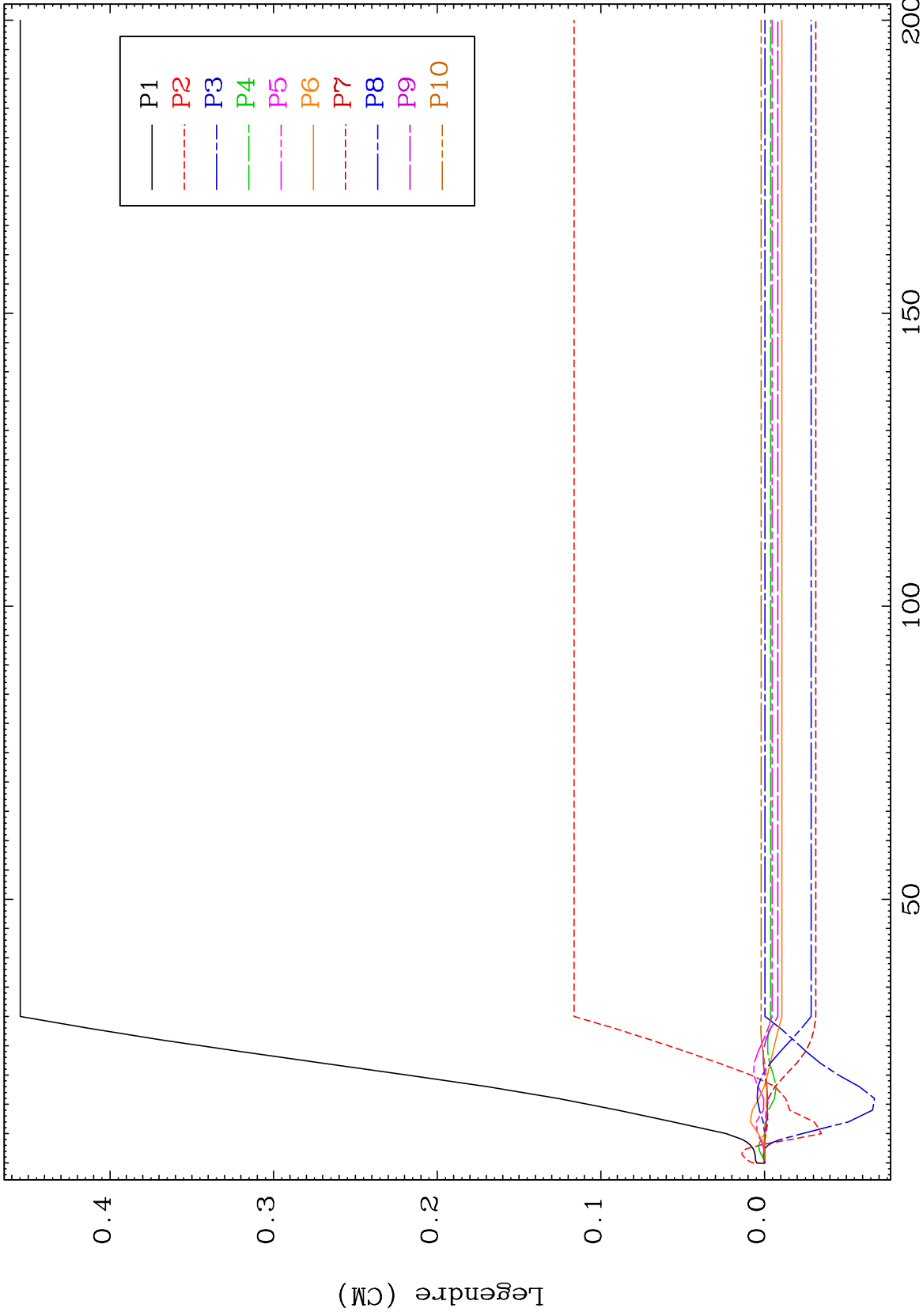


105 50 100 150 200 16-S -37

MAT 1640

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

16-S -37



106

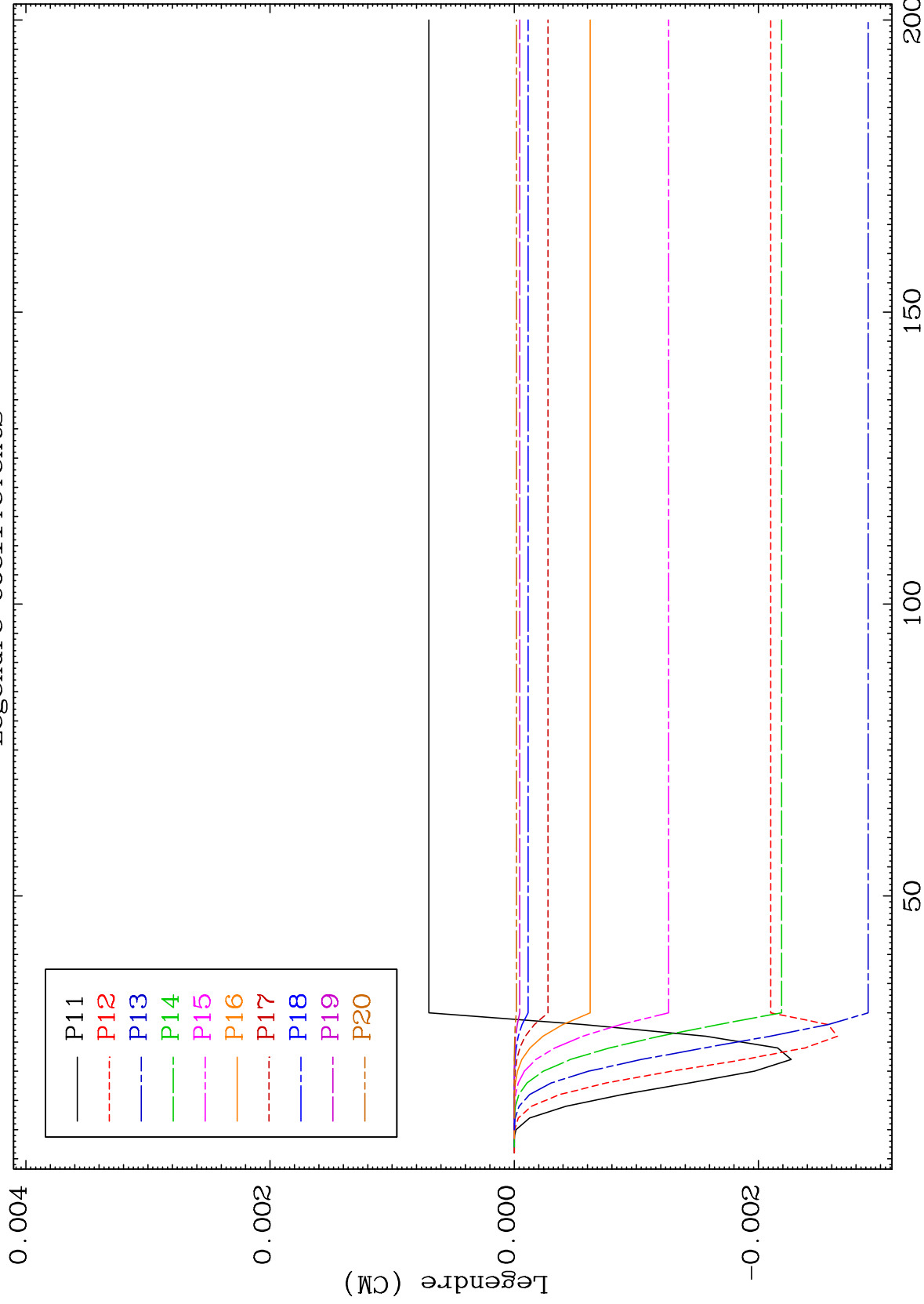
Incident Energy (MeV)

16-S -37

MAT 1640

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

16-S -37

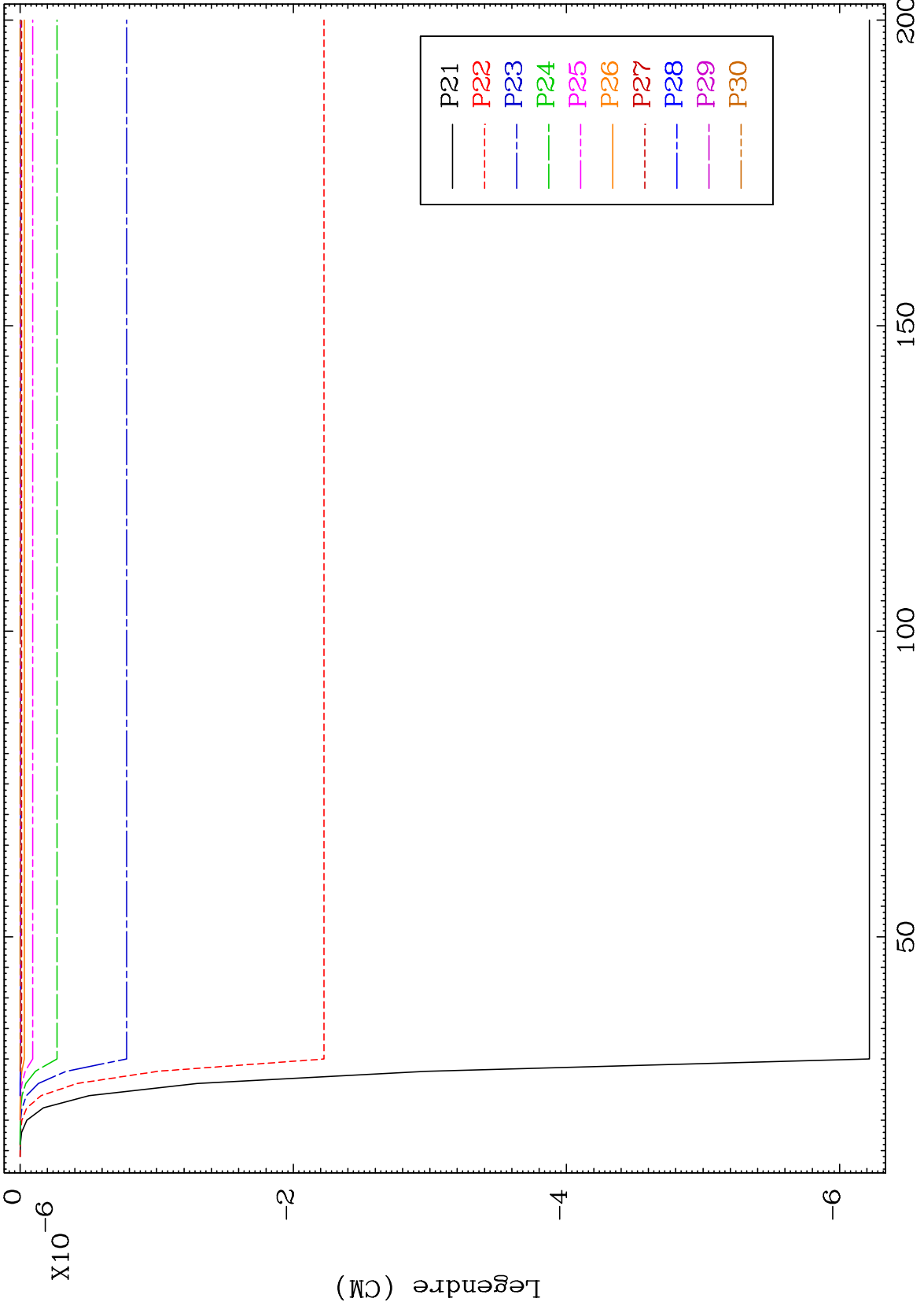


107

Incident Energy (MeV)

16-S -37

MAT 1640 MT= 80 (n,n') Level Legendre Coefficients 16-S -37



108 Incident Energy (MeV) 16-S -37