

Program EVALPLOT
(Version 2018-1)

by

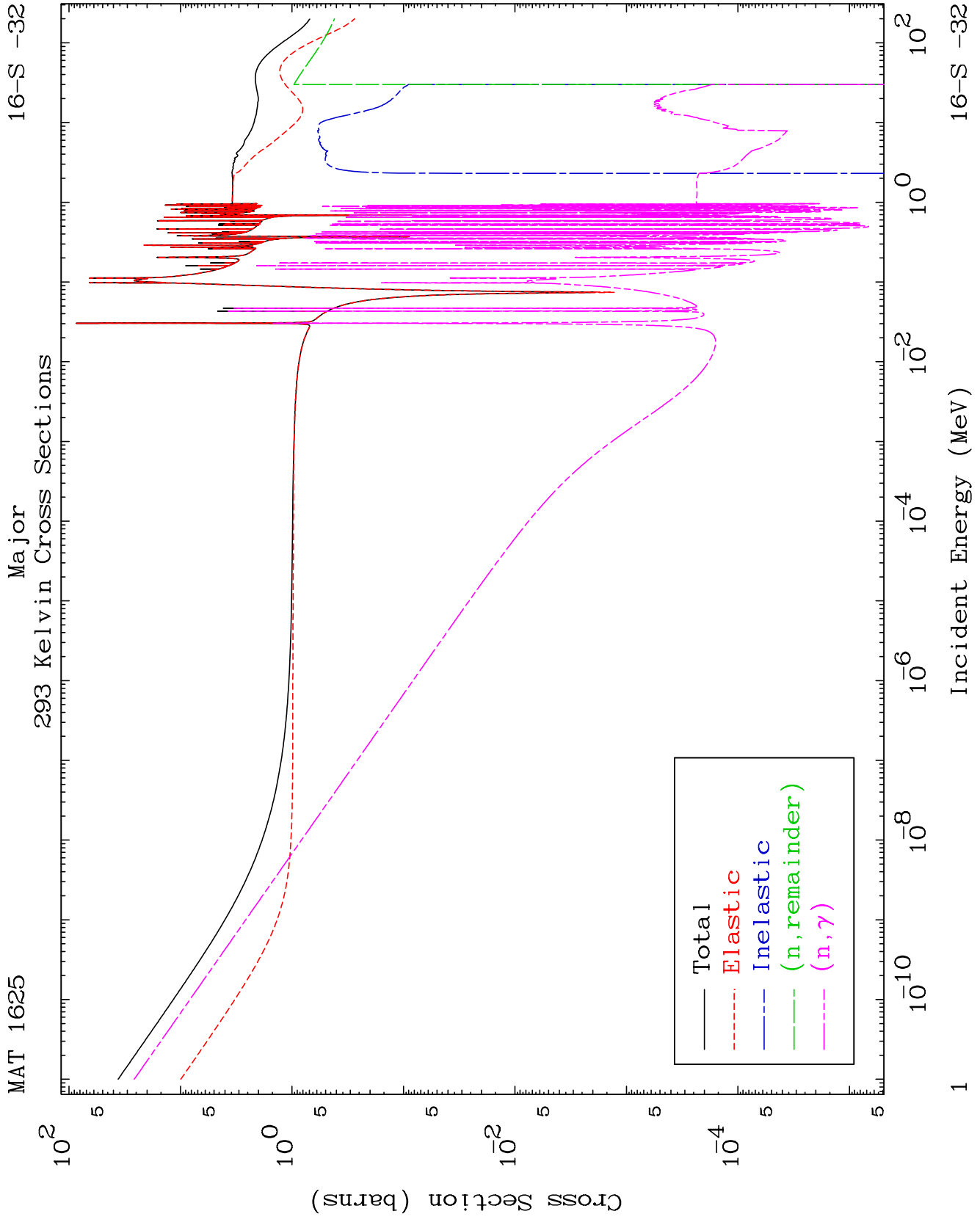
Dermott E. Cullen
(Present Contact Information)

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

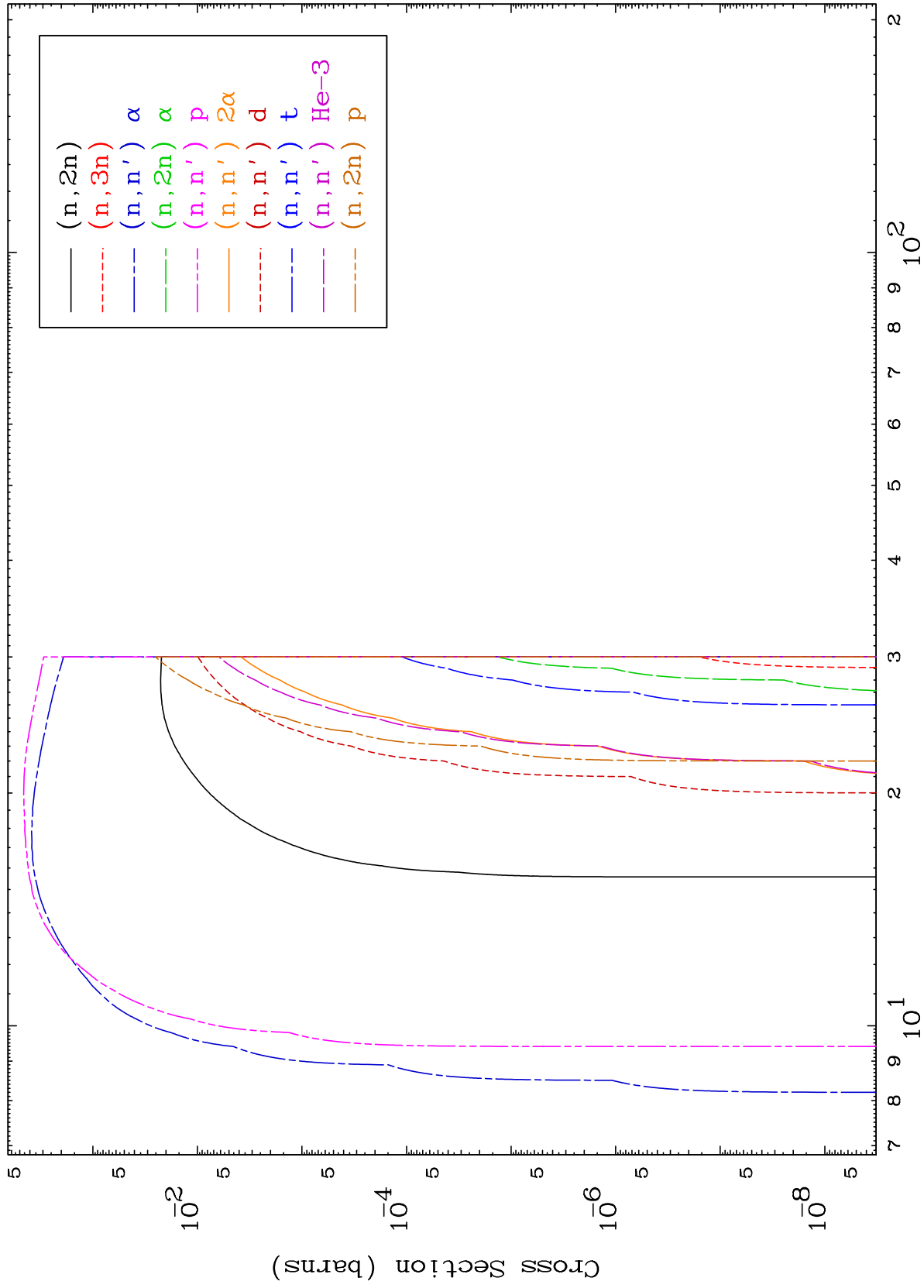
Press Mouse Button to Start



MAT 1625

Neutron Production
293 Kelvin Cross Sections

16-S -32



2

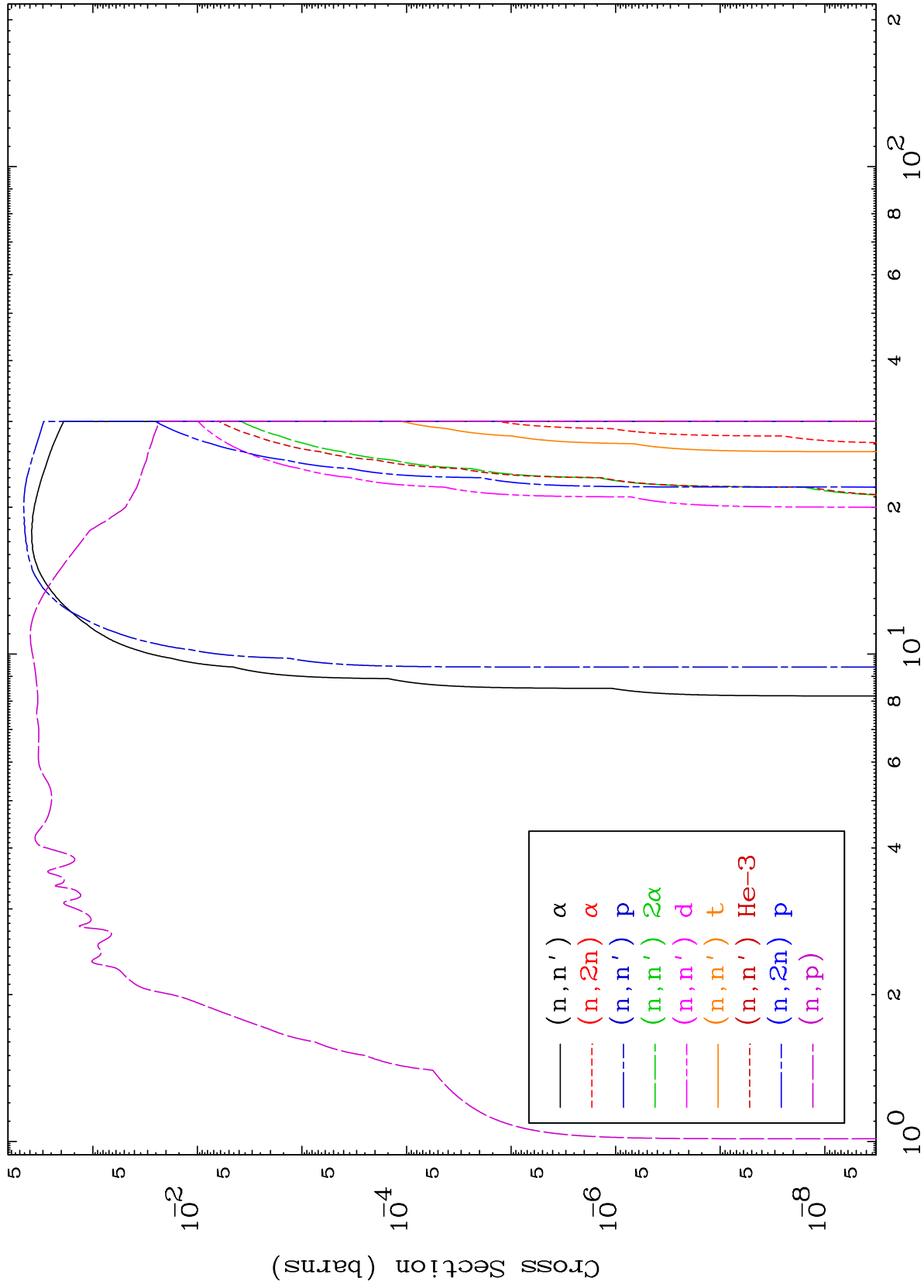
Incident Energy (MeV)

16-S -32

MAT 1625

293 Kelvin Cross Sections

16-S -32



Incident Energy (MeV)

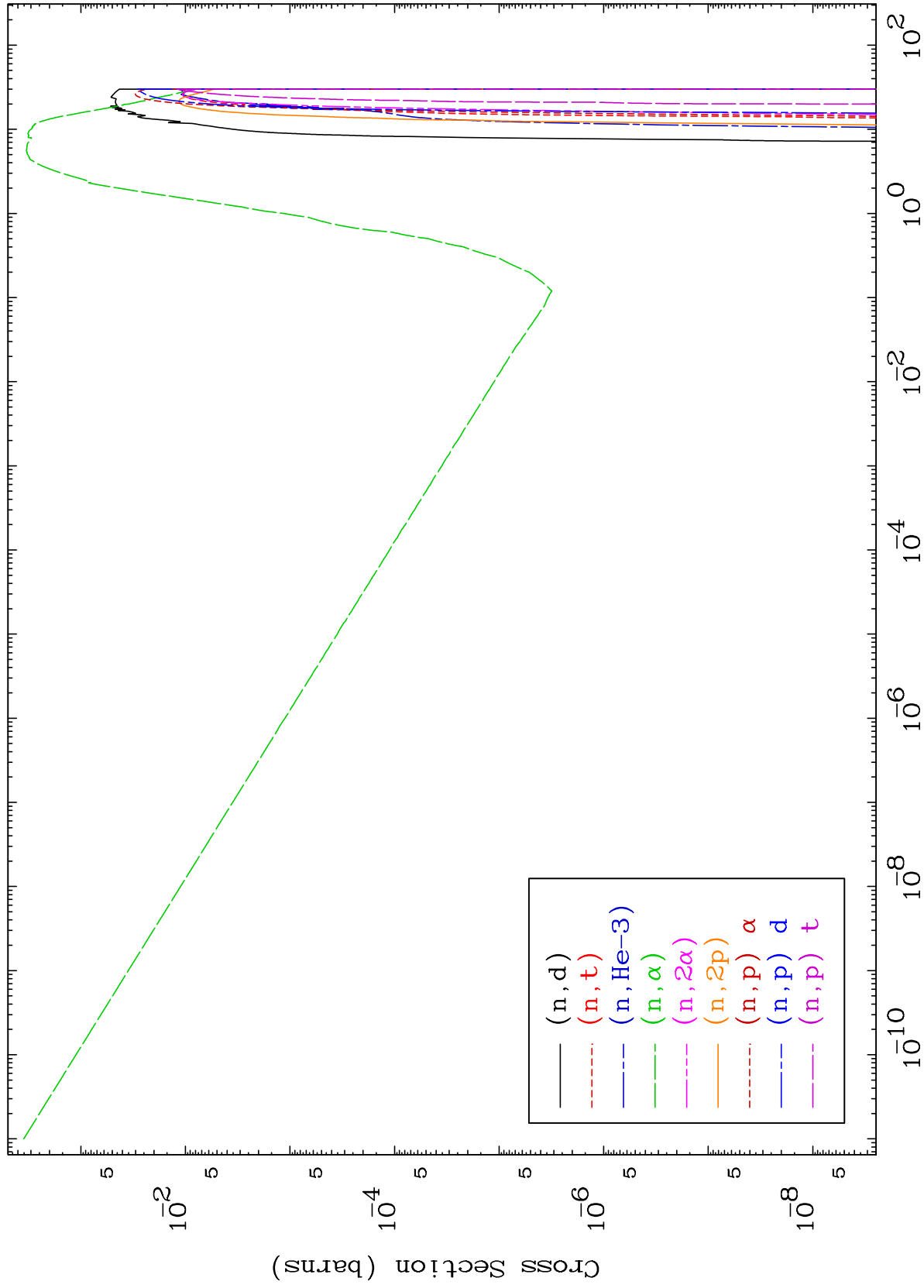
16-S -32

3

MAT 1625

293 Kelvin Cross Sections

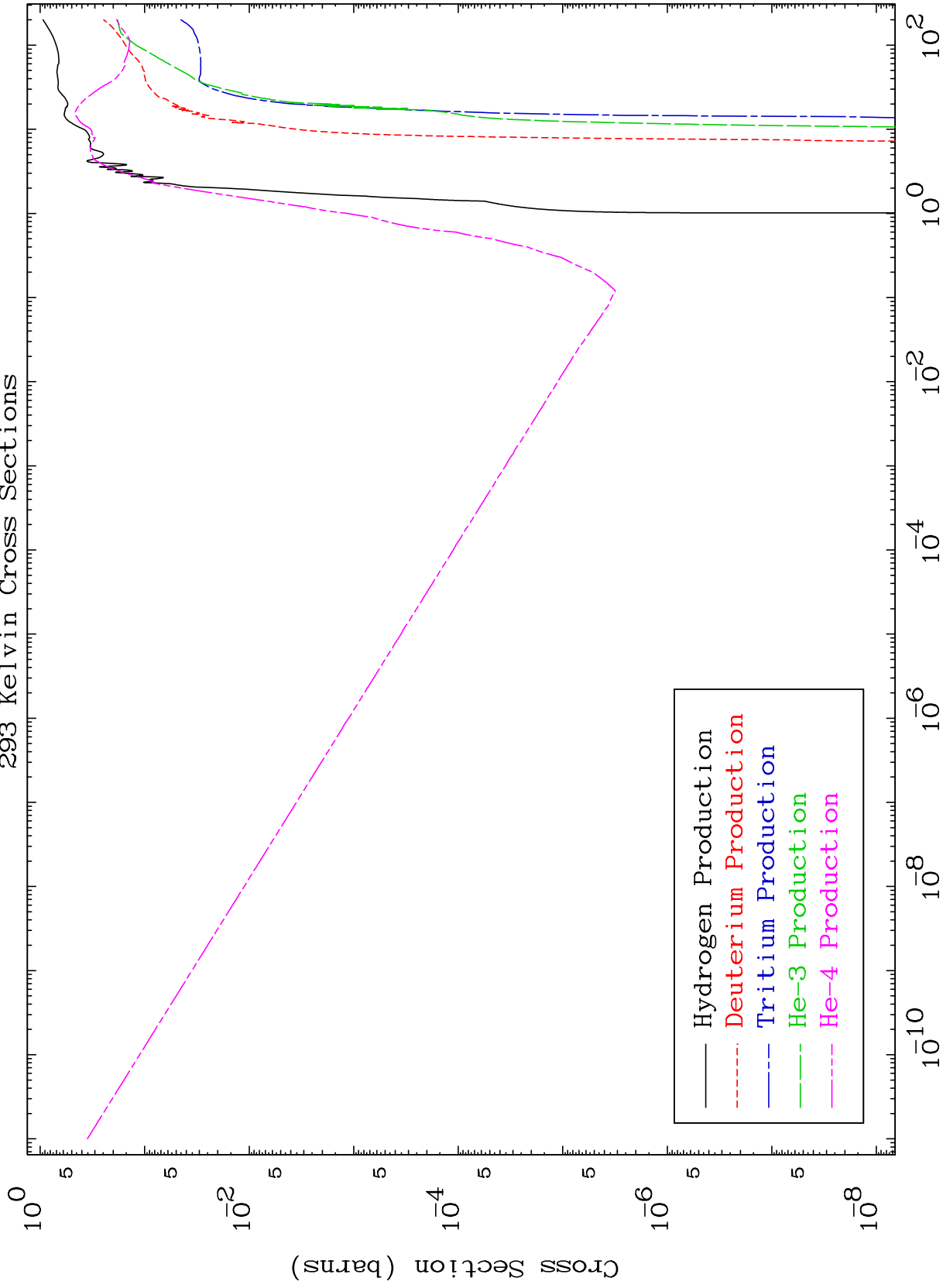
16-S -32



MAT 1625

Particle Production
293 Kelvin Cross Sections

16-S -32

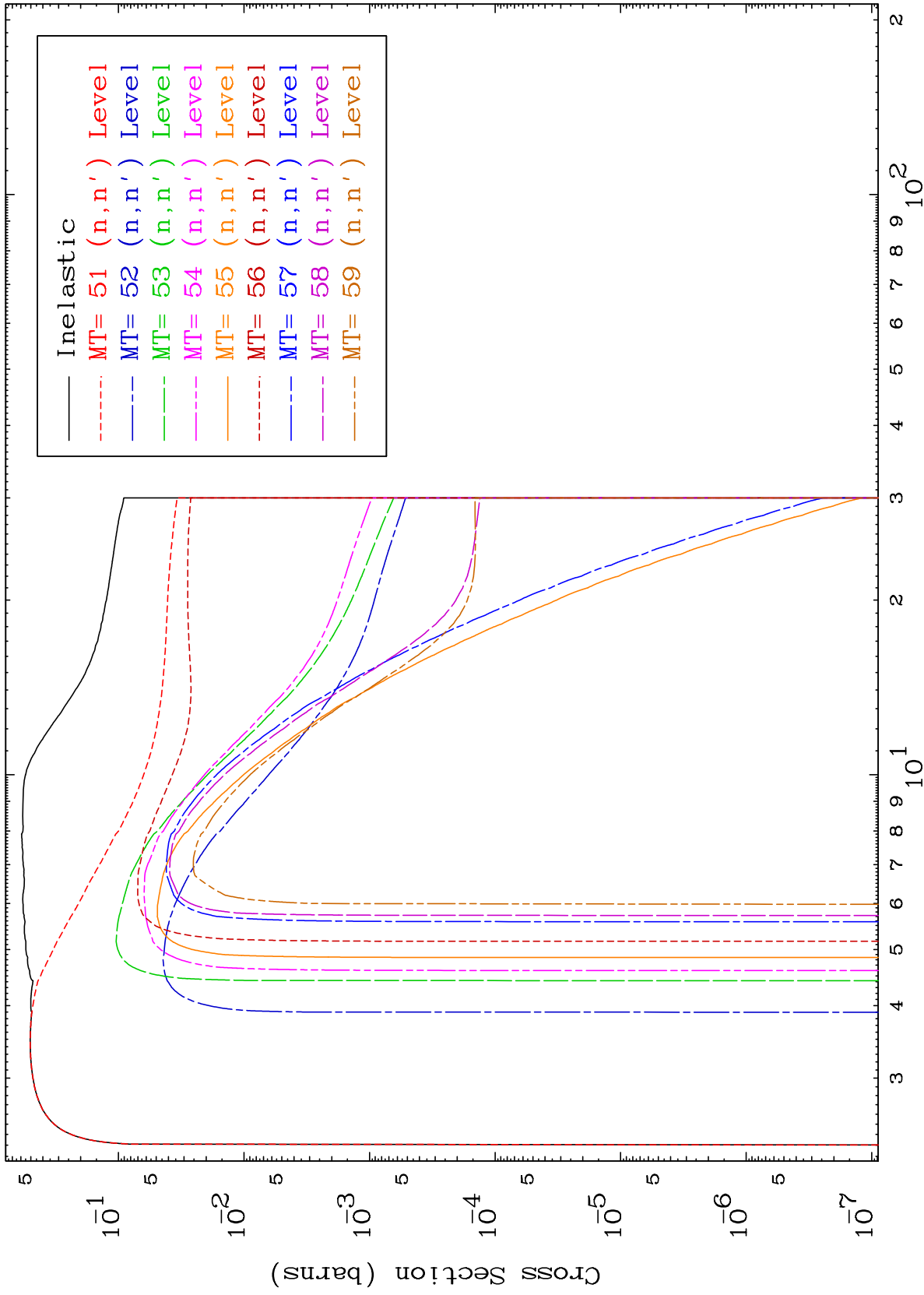


MAT 1625

(n,n') Level

16-S -32

293 Kelvin Cross Sections



6

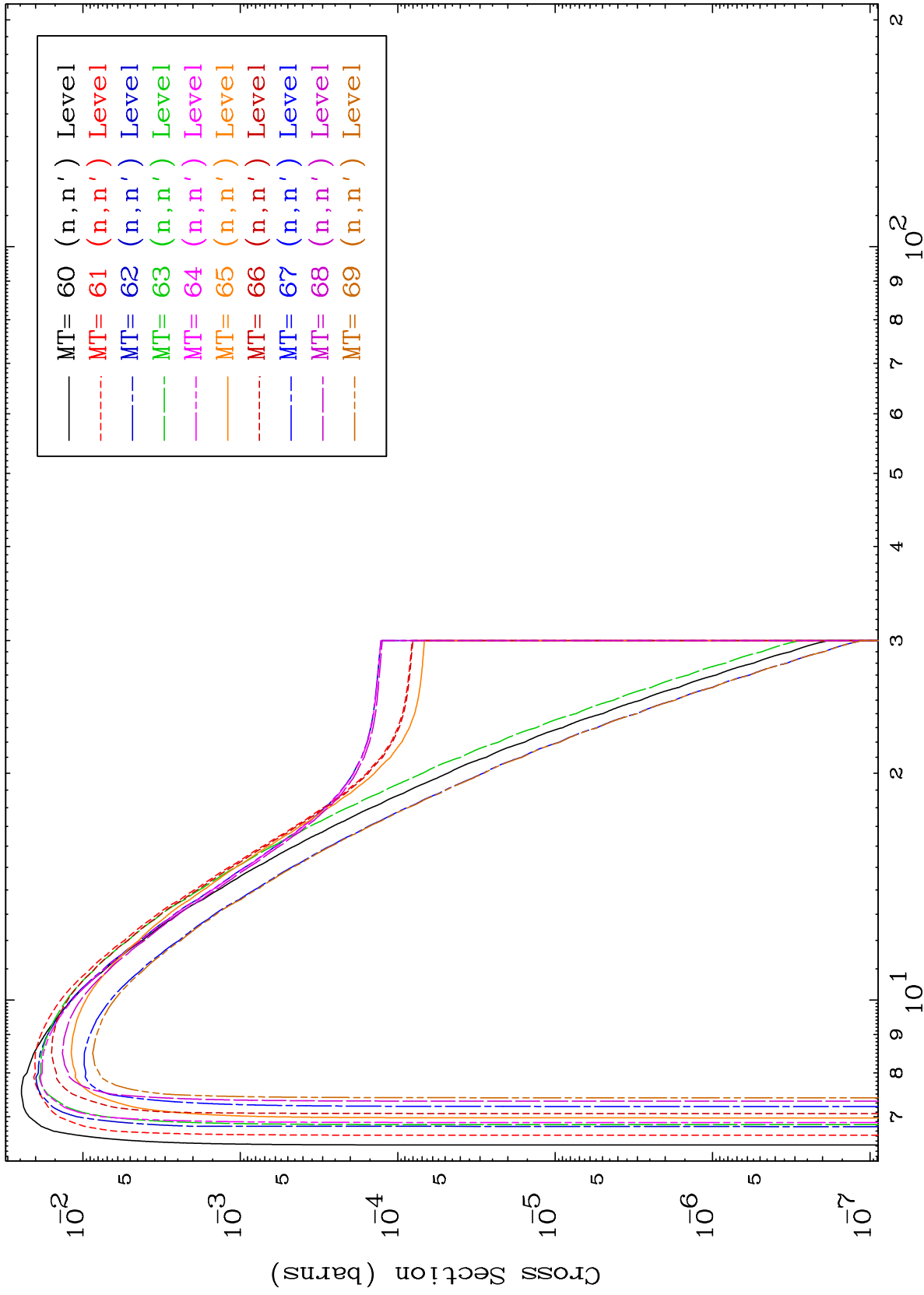
Incident Energy (MeV)

16-S -32

MAT 1625

(n,n') Level
293 Kelvin Cross Sections

16-S -32



7

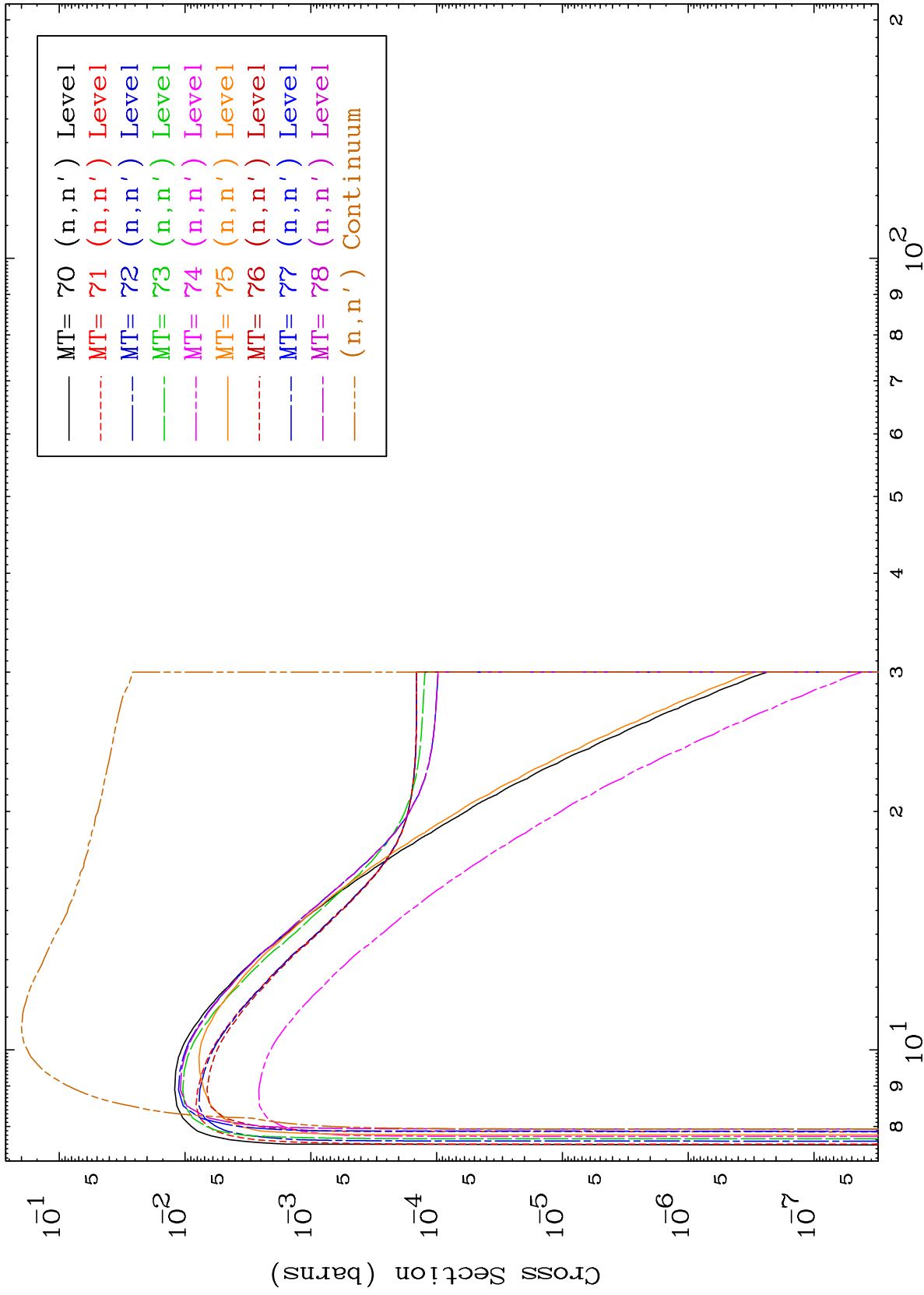
Incident Energy (MeV)

16-S -32

MAT 1625

(n,n') Level
293 Kelvin Cross Sections

16-S -32



8

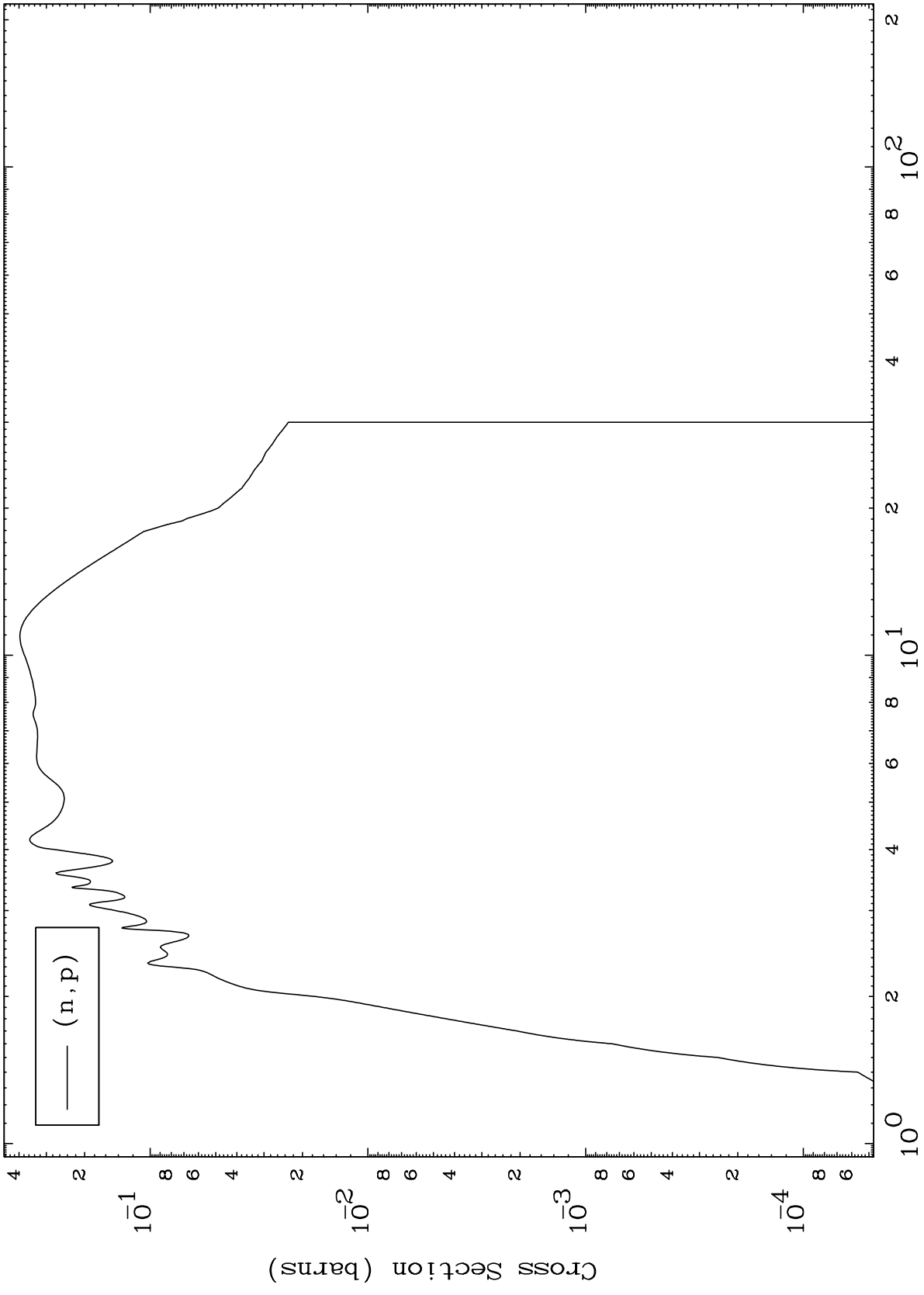
Incident Energy (MeV)

16-S -32

MAT 1625

(n,p) Levels
293 Kelvin Cross Sections

16-S -32



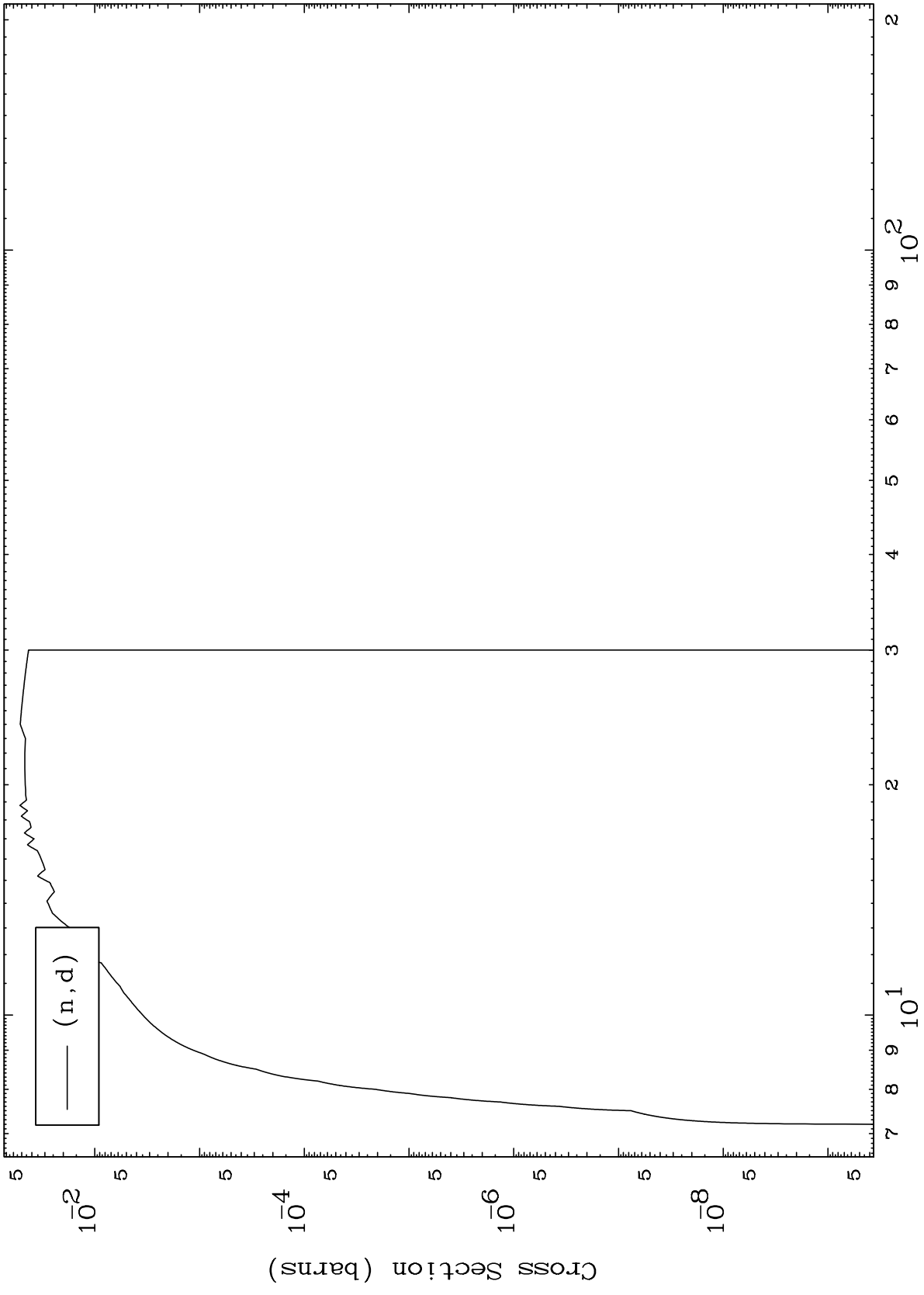
Incident Energy (MeV)

16-S -32

MAT 1625

(n,d) Levels
293 Kelvin Cross Sections

16-S -32



10

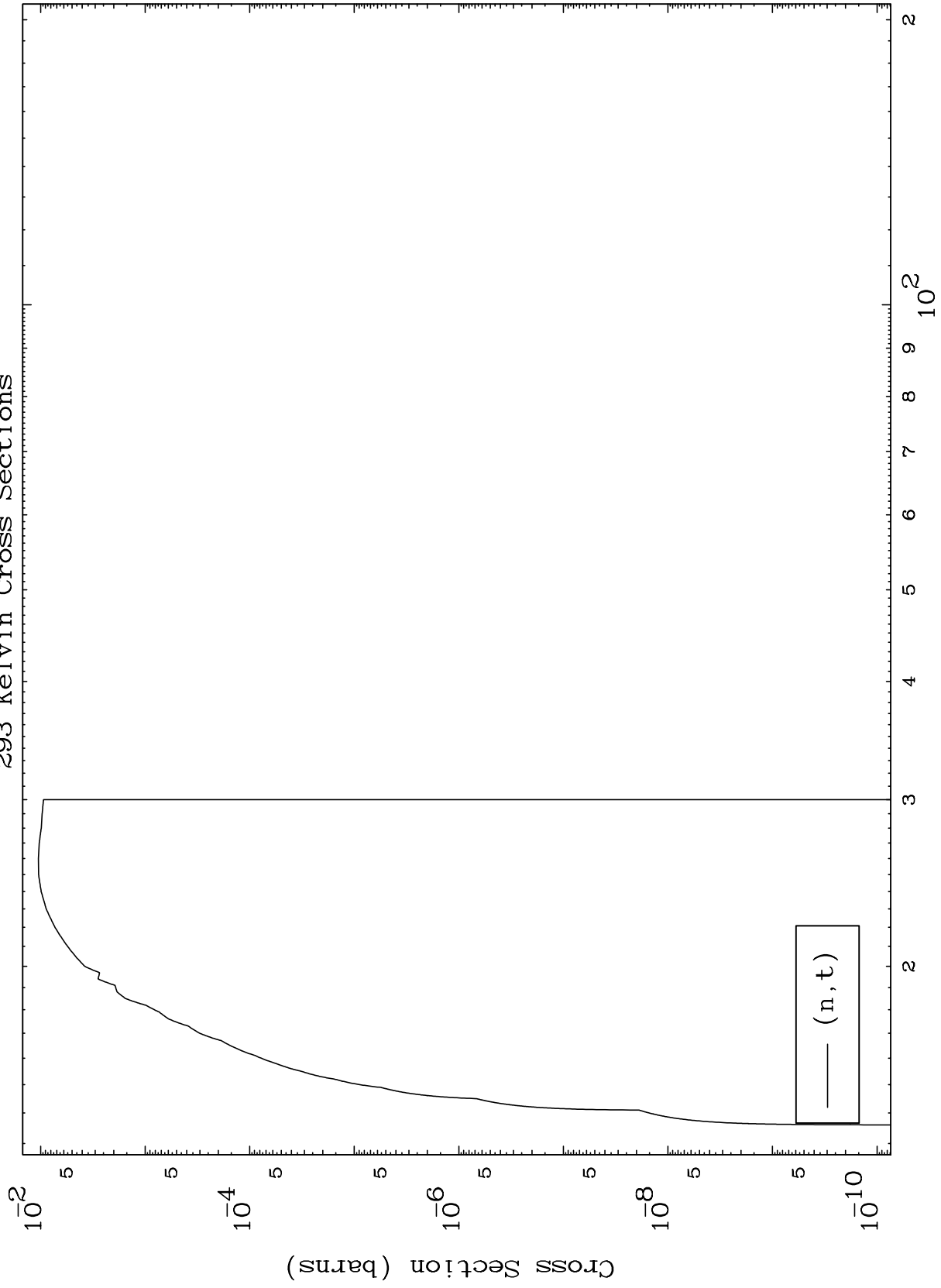
Incident Energy (MeV)

16-S -32

MAT 1625

(n,t) Levels
293 Kelvin Cross Sections

16-S -32



11

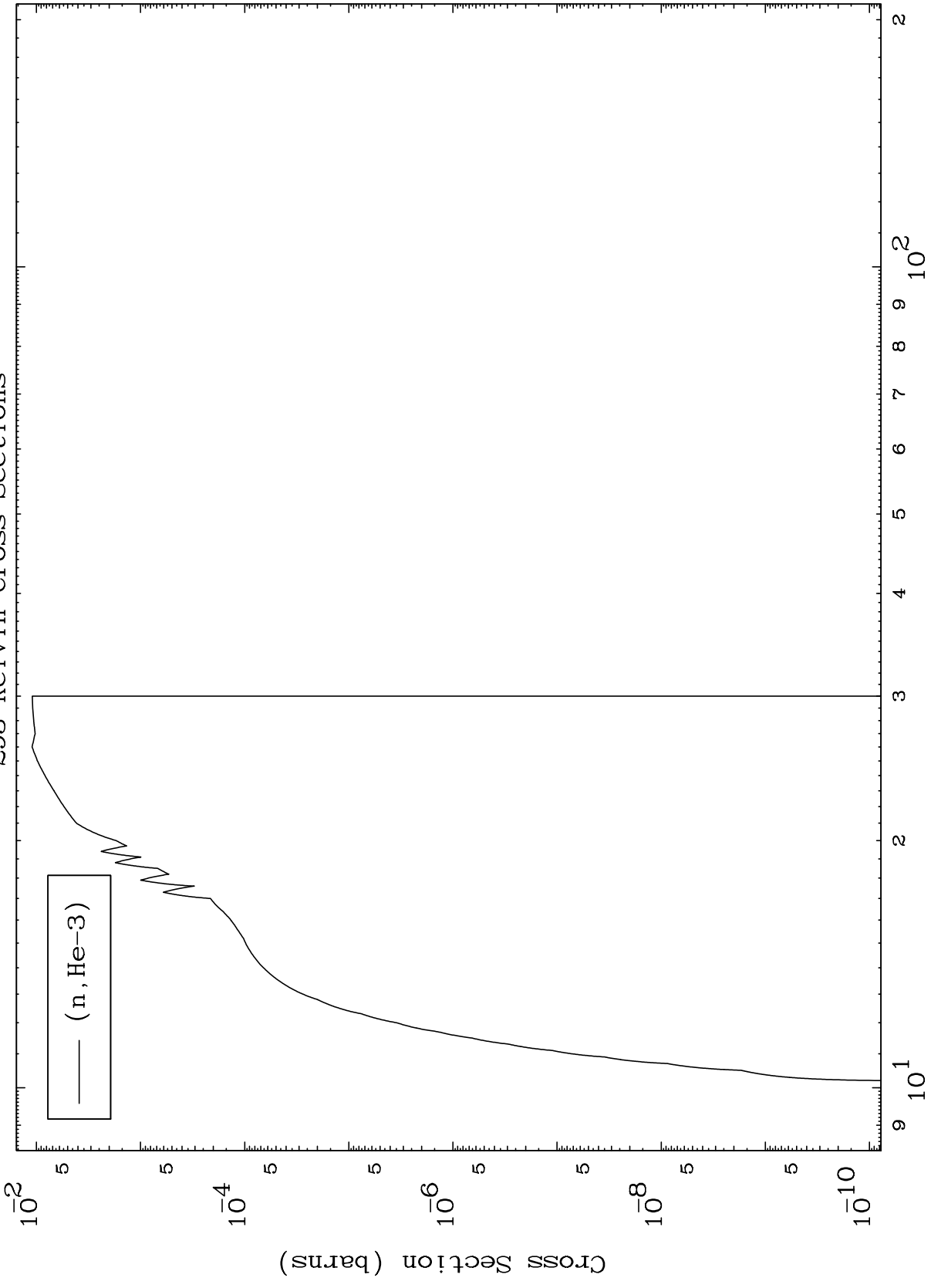
Incident Energy (MeV)

16-S -32

MAT 1625

(n,He3) Levels
293 Kelvin Cross Sections

16-S -32



12

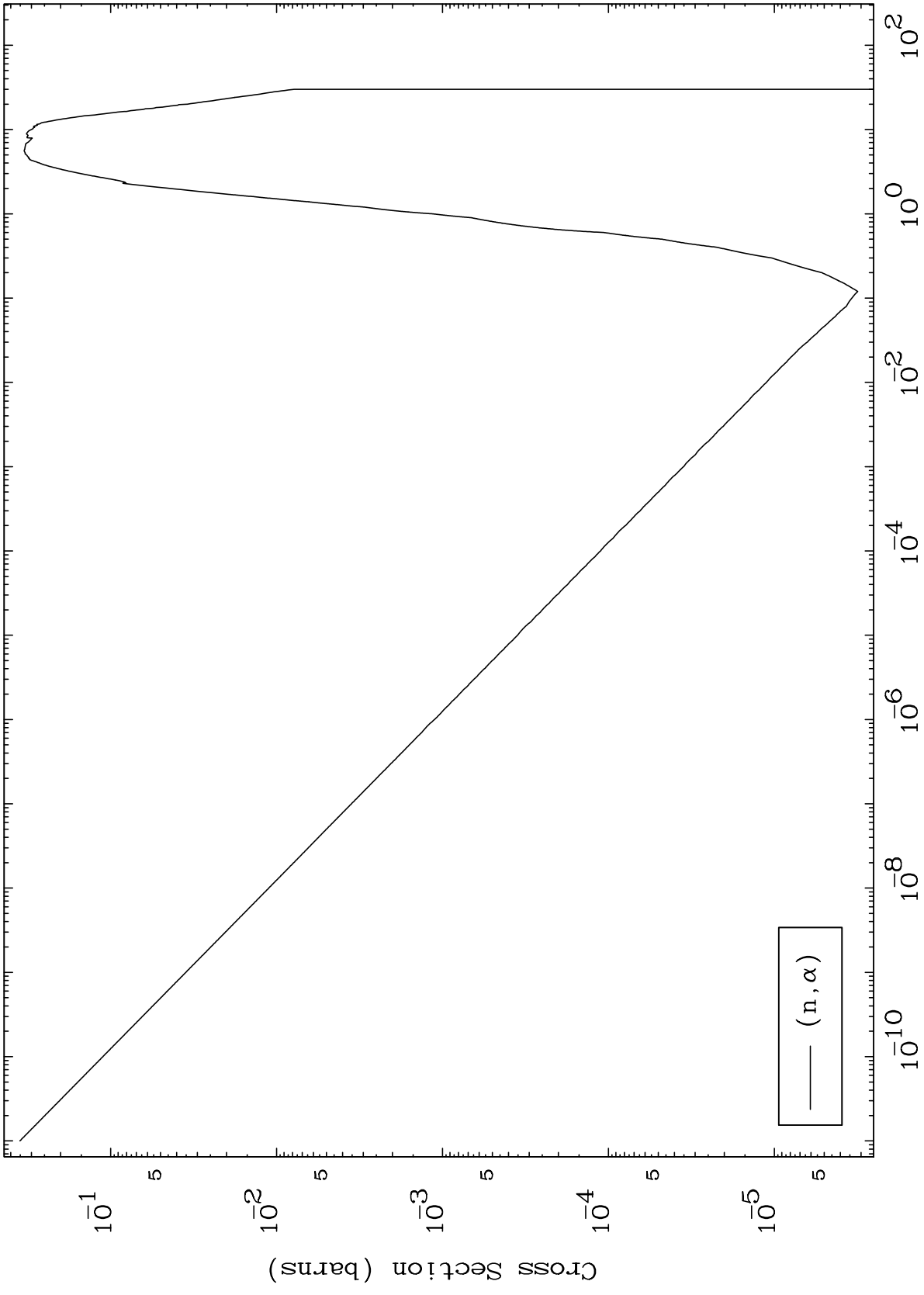
Incident Energy (MeV)

16-S -32

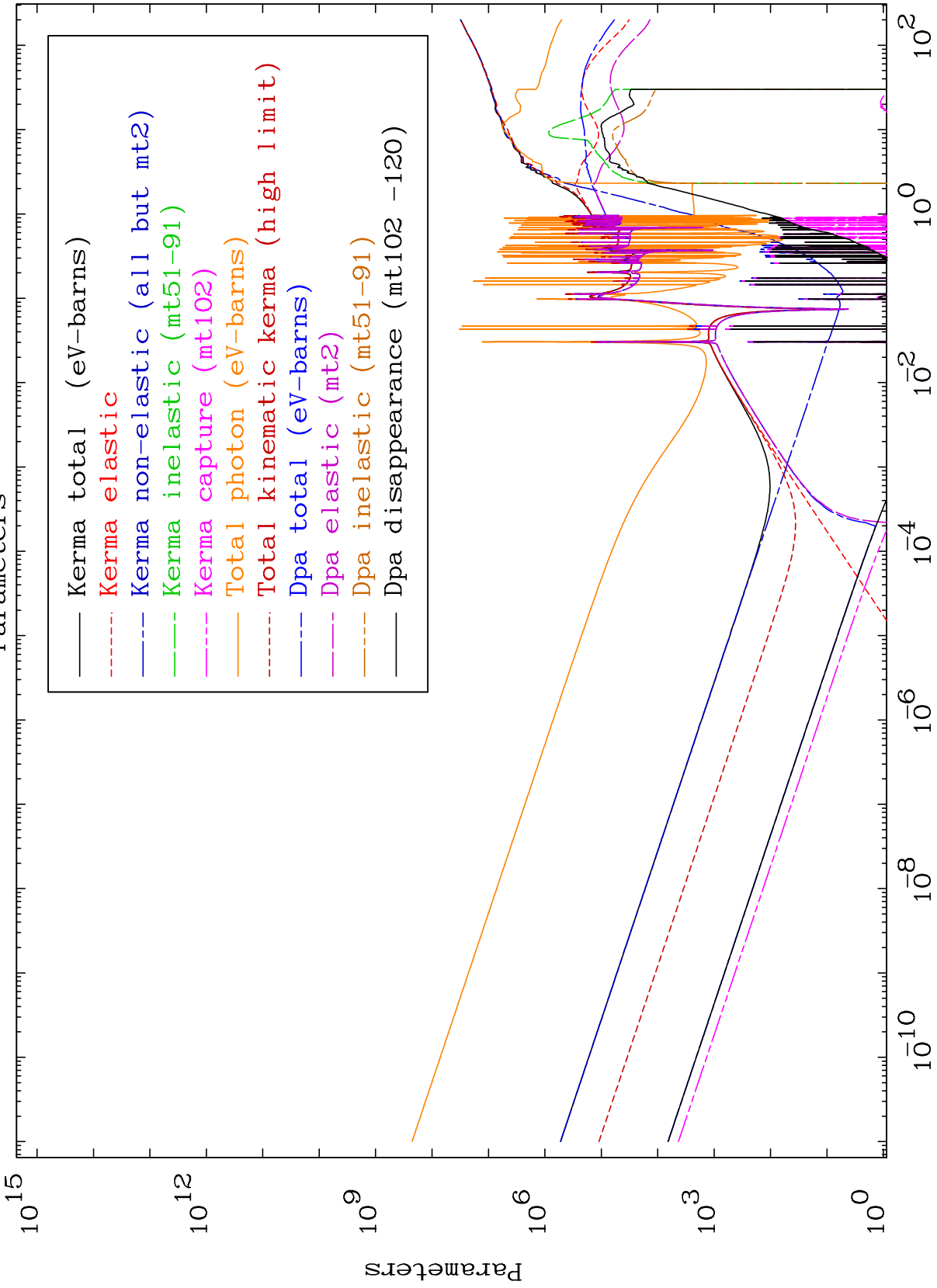
MAT 1625

(n,α) Levels
293 Kelvin Cross Sections

16-S -32



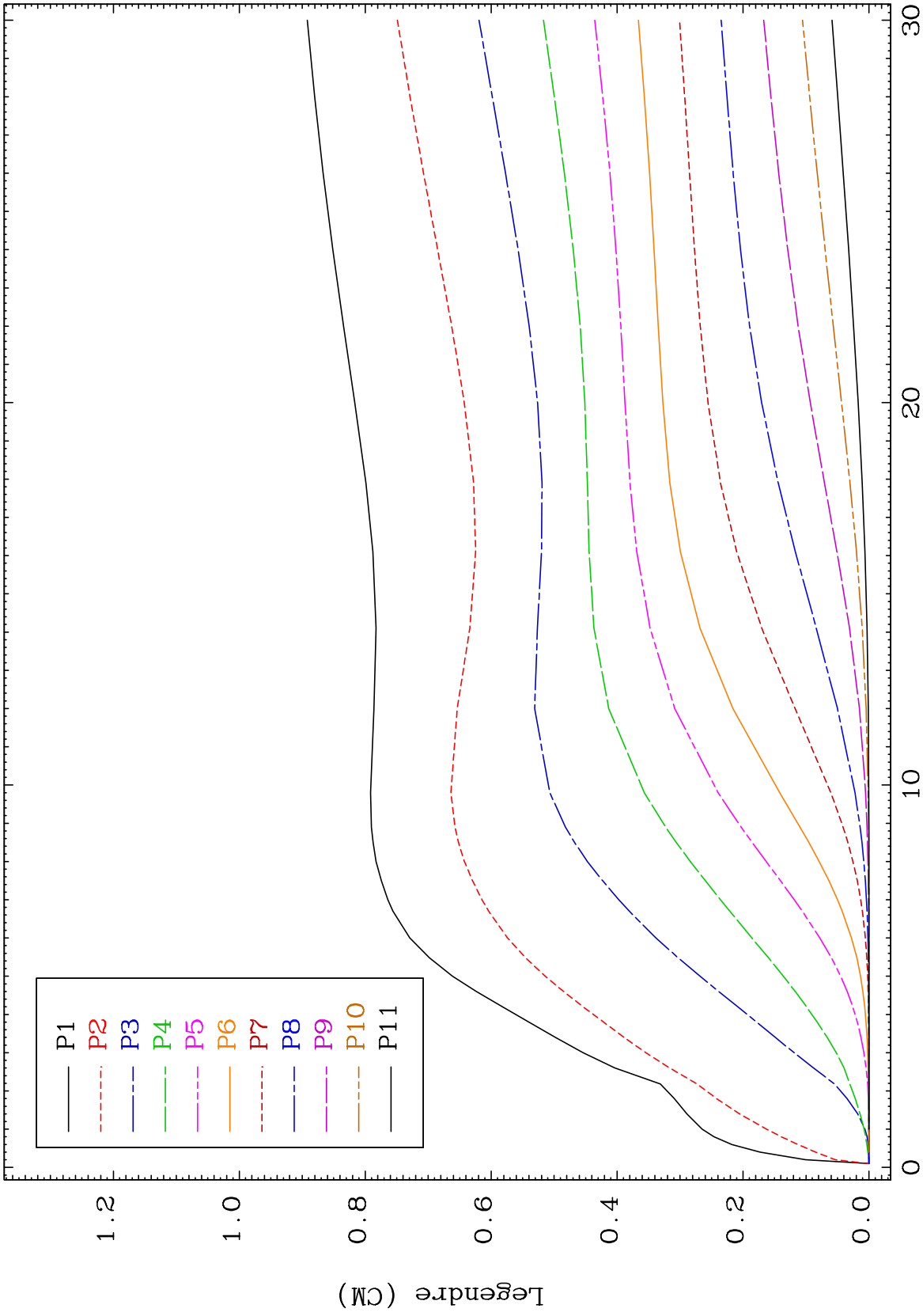
— (n,α)



MAT 1625

Elastic Legendre Coefficients

16-S -32



15

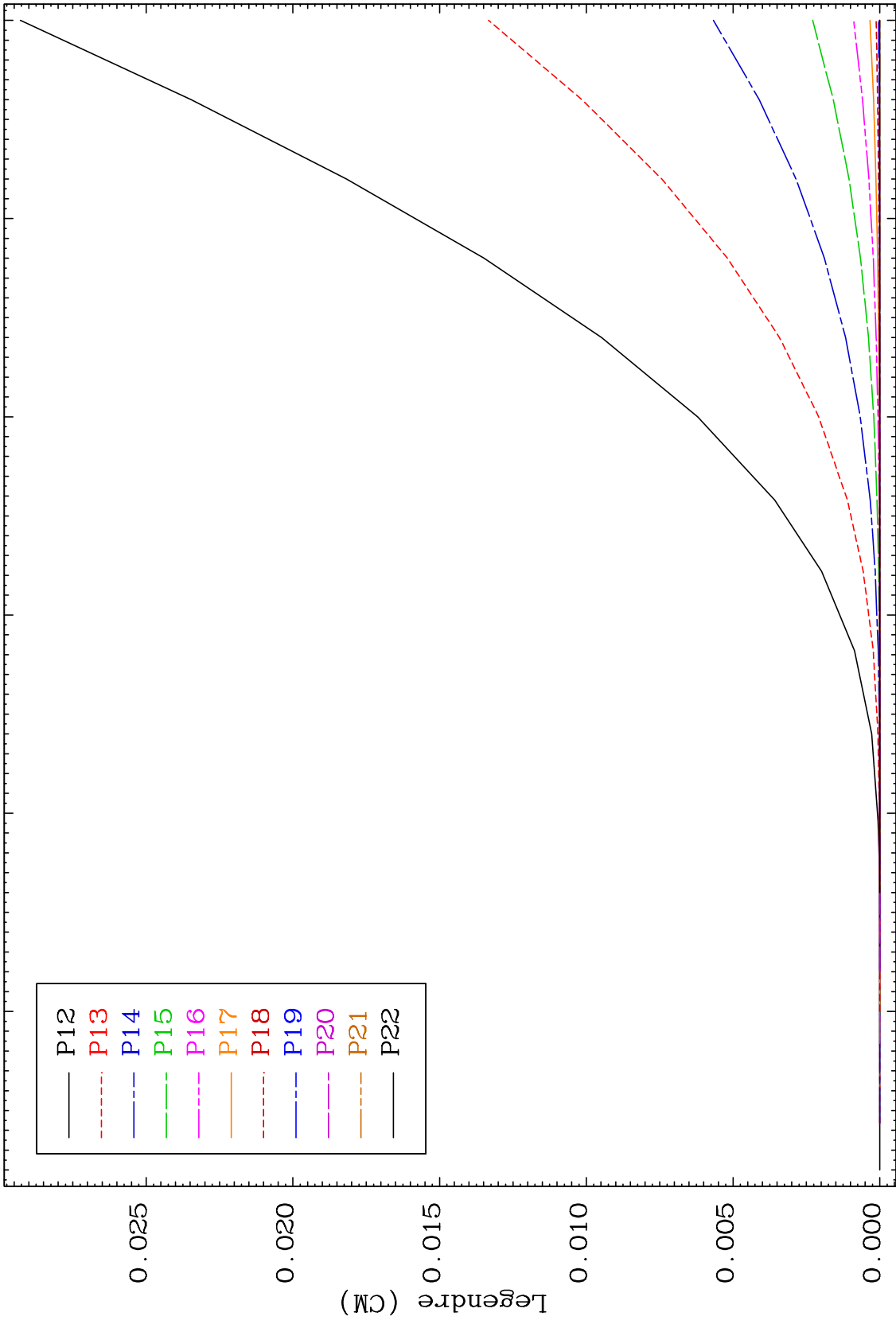
Incident Energy (MeV)

16-S -32

MAT 1625

Elastic Legendre Coefficients

16-S -32



16

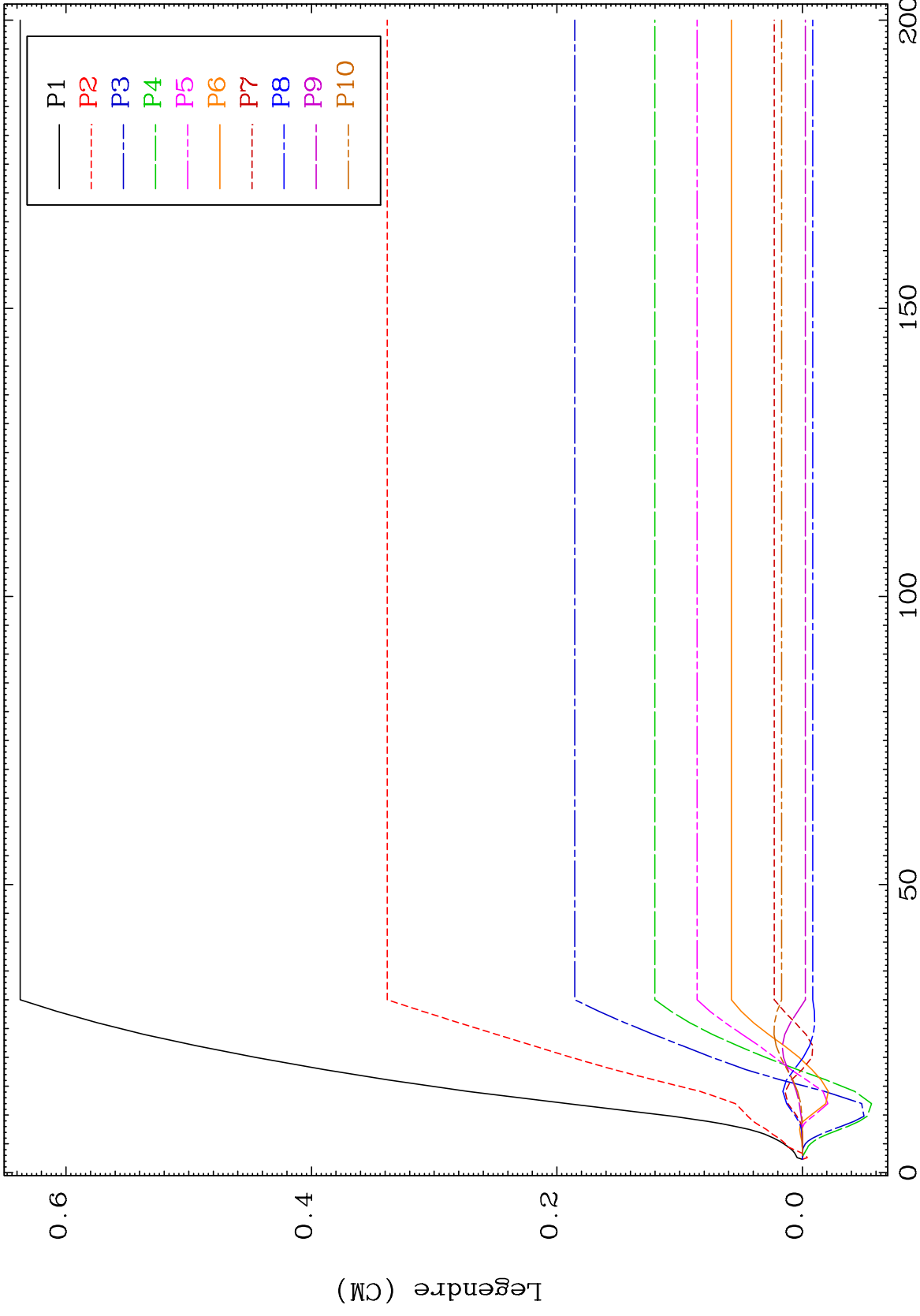
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32



18

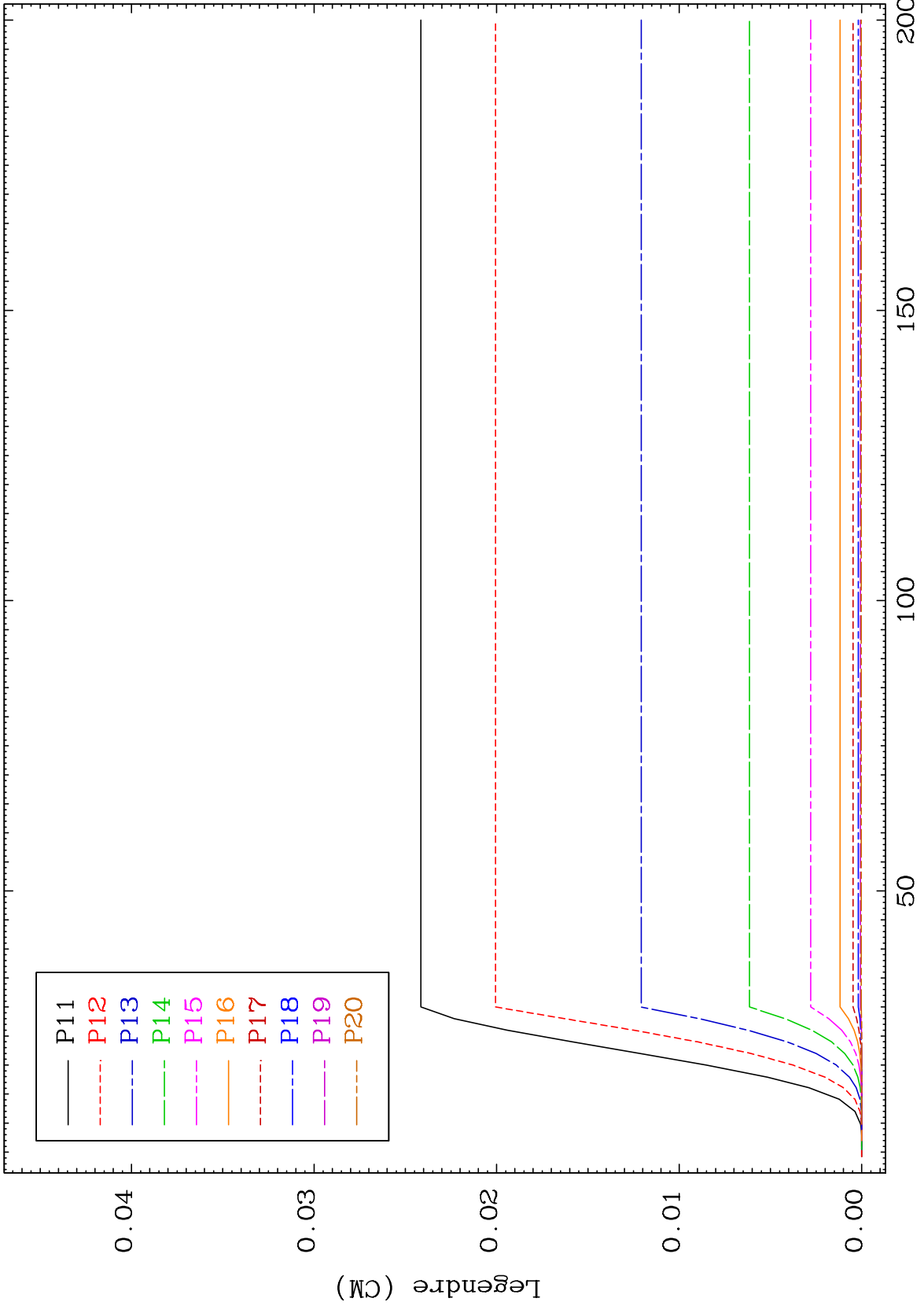
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32



19

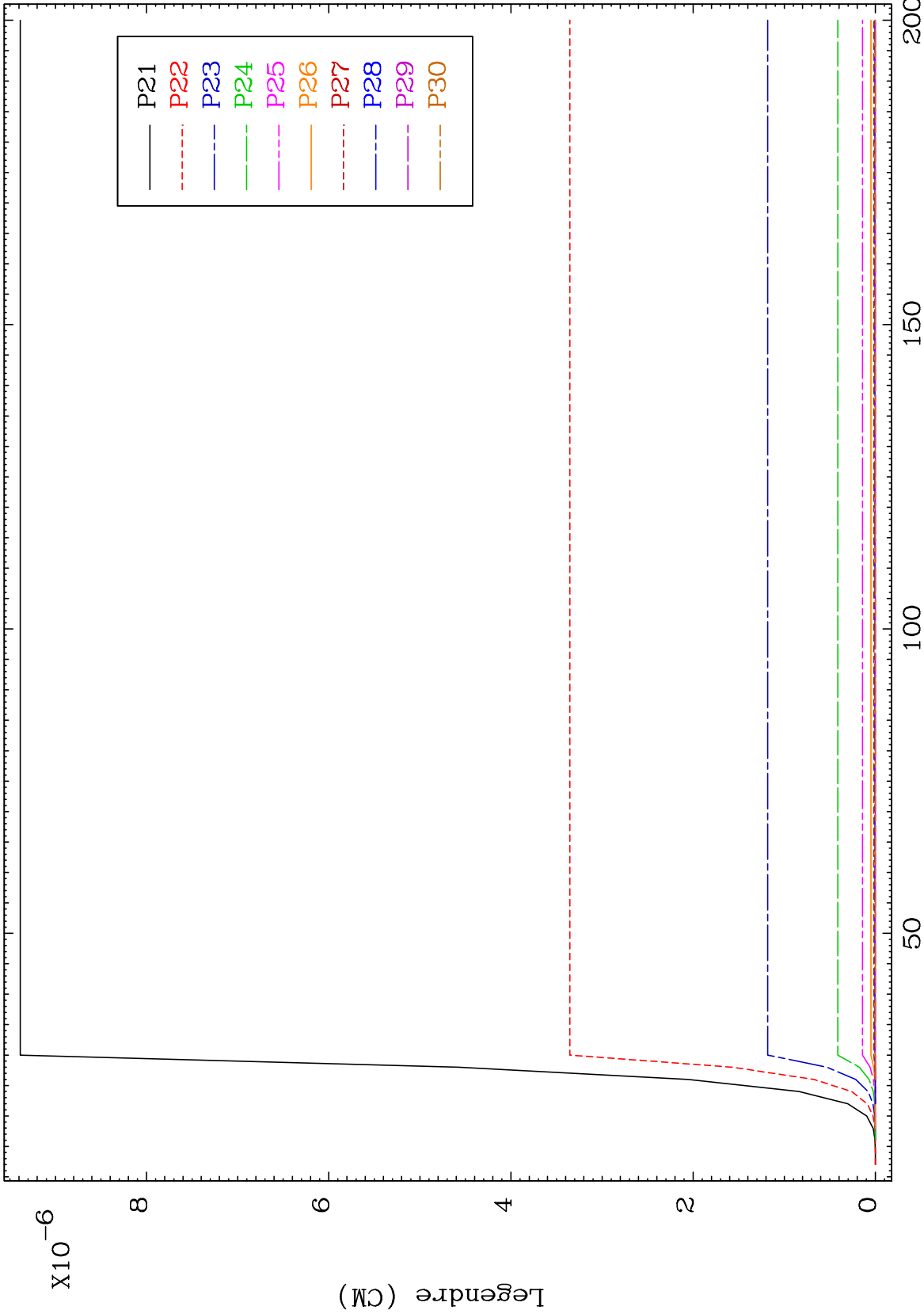
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32



20

50

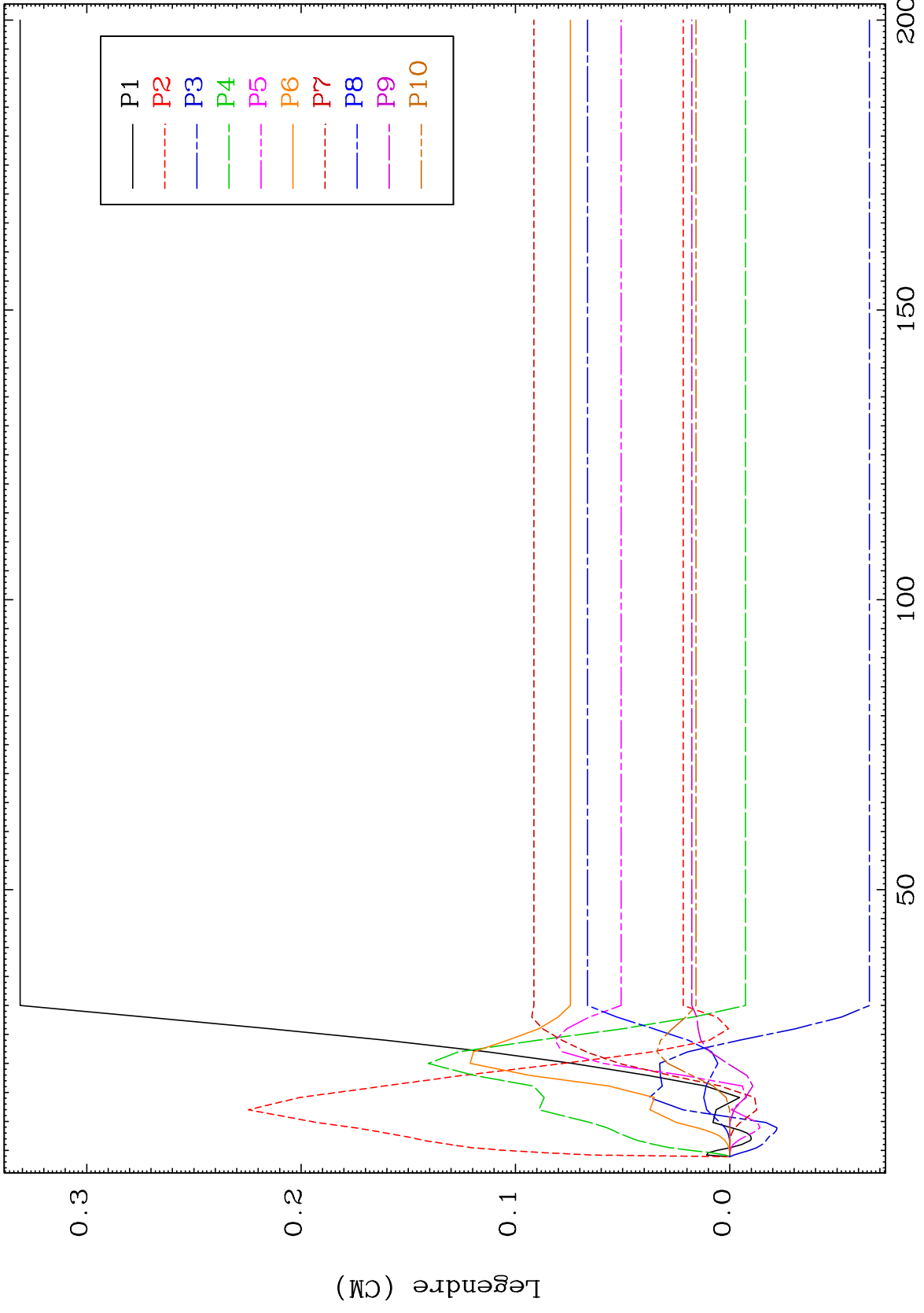
100

150

200

16-S -32

MAT 1625 MT= 52 (n,n') Level Legendre Coefficients 16-S -32

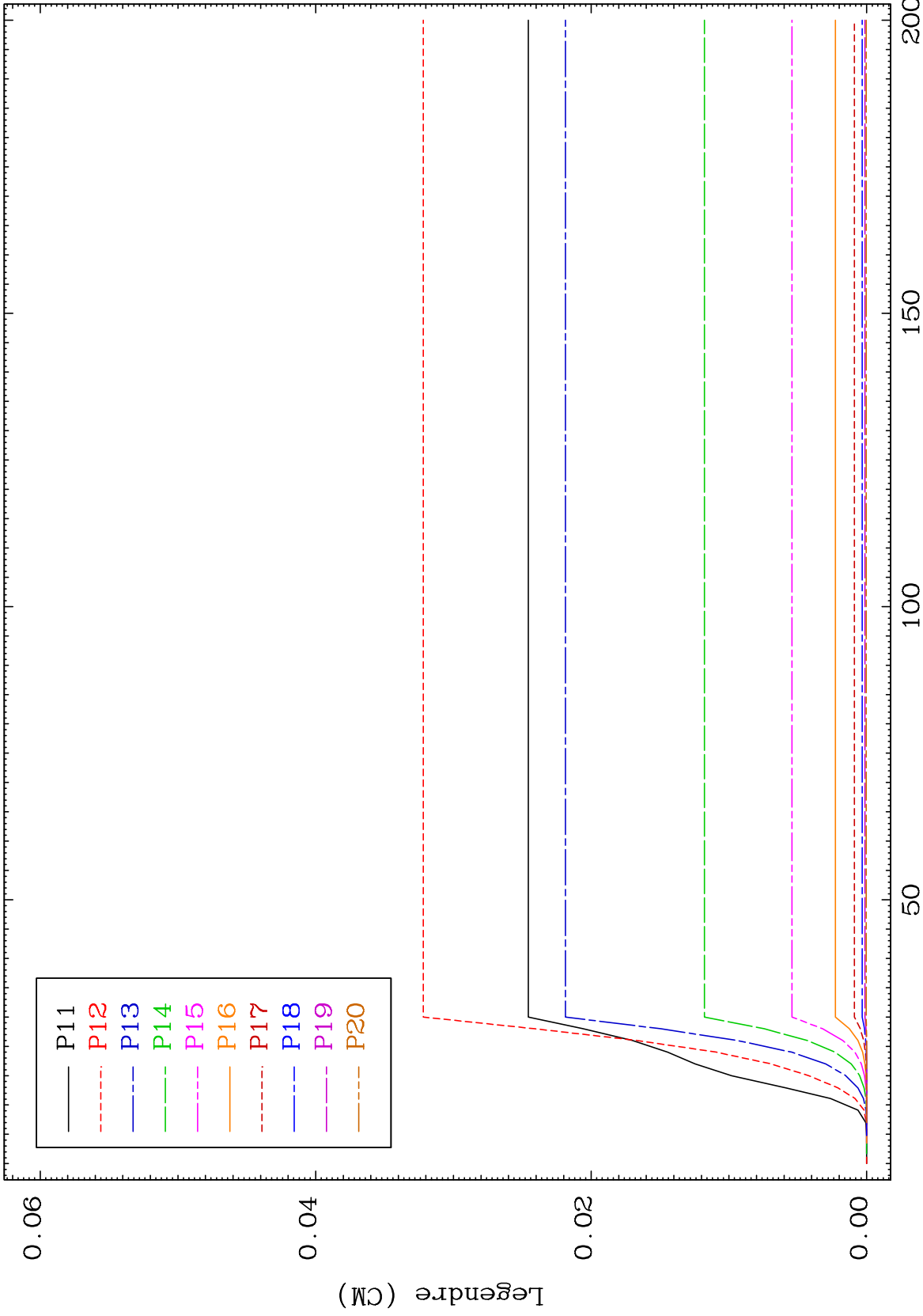


21 16-S -32

MAT 1625

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

16-S -32



22

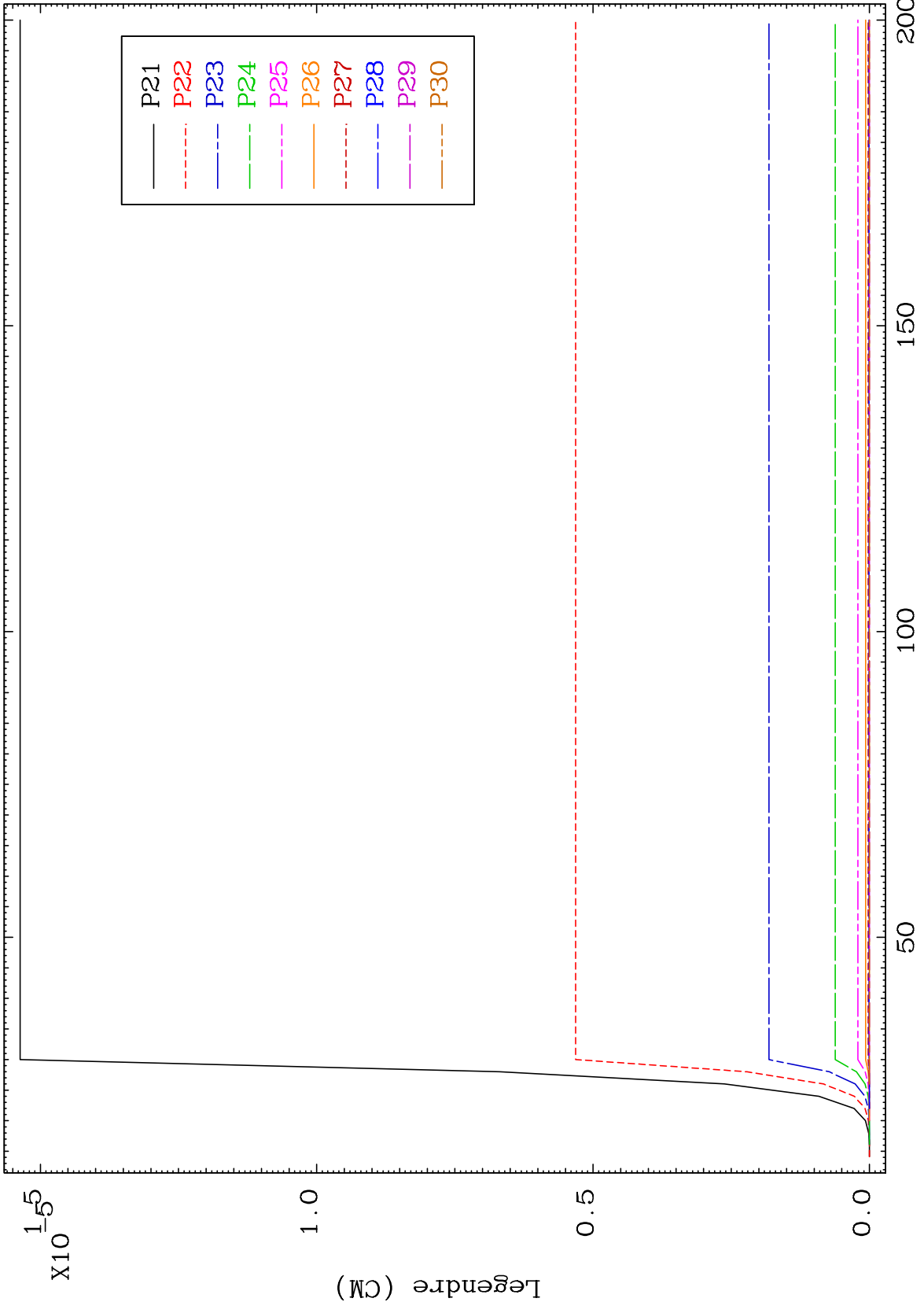
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32



23

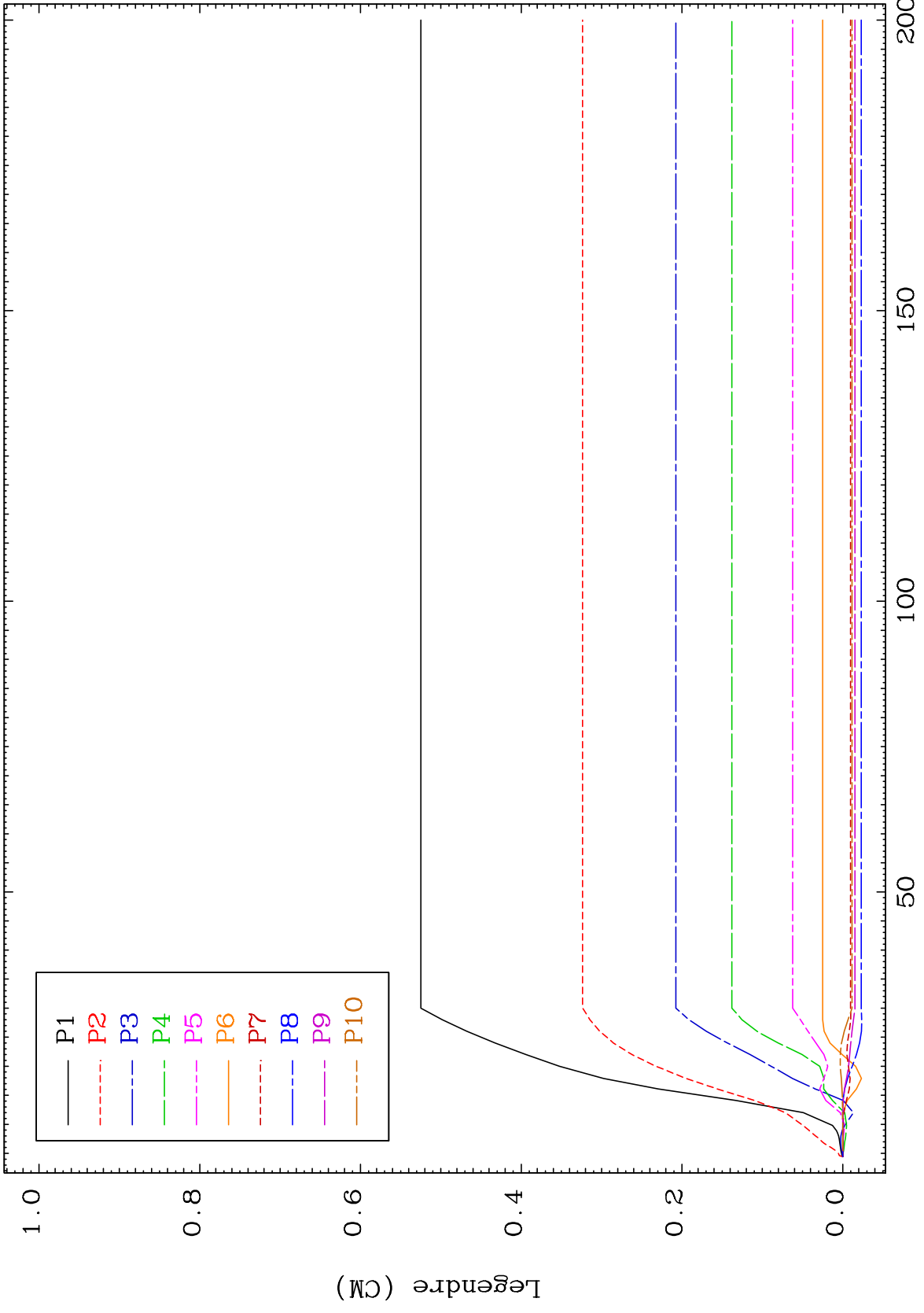
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32



24

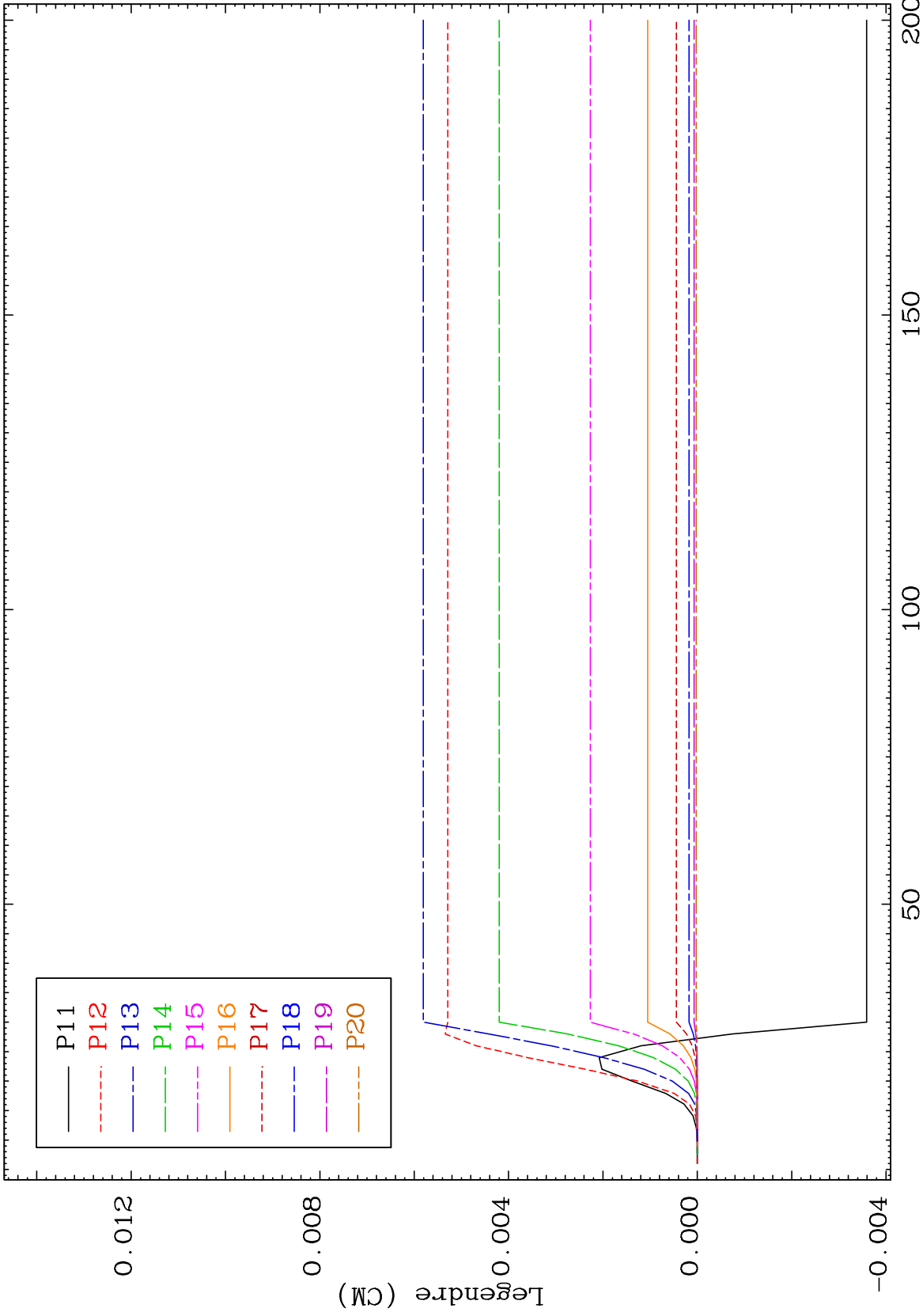
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32



25

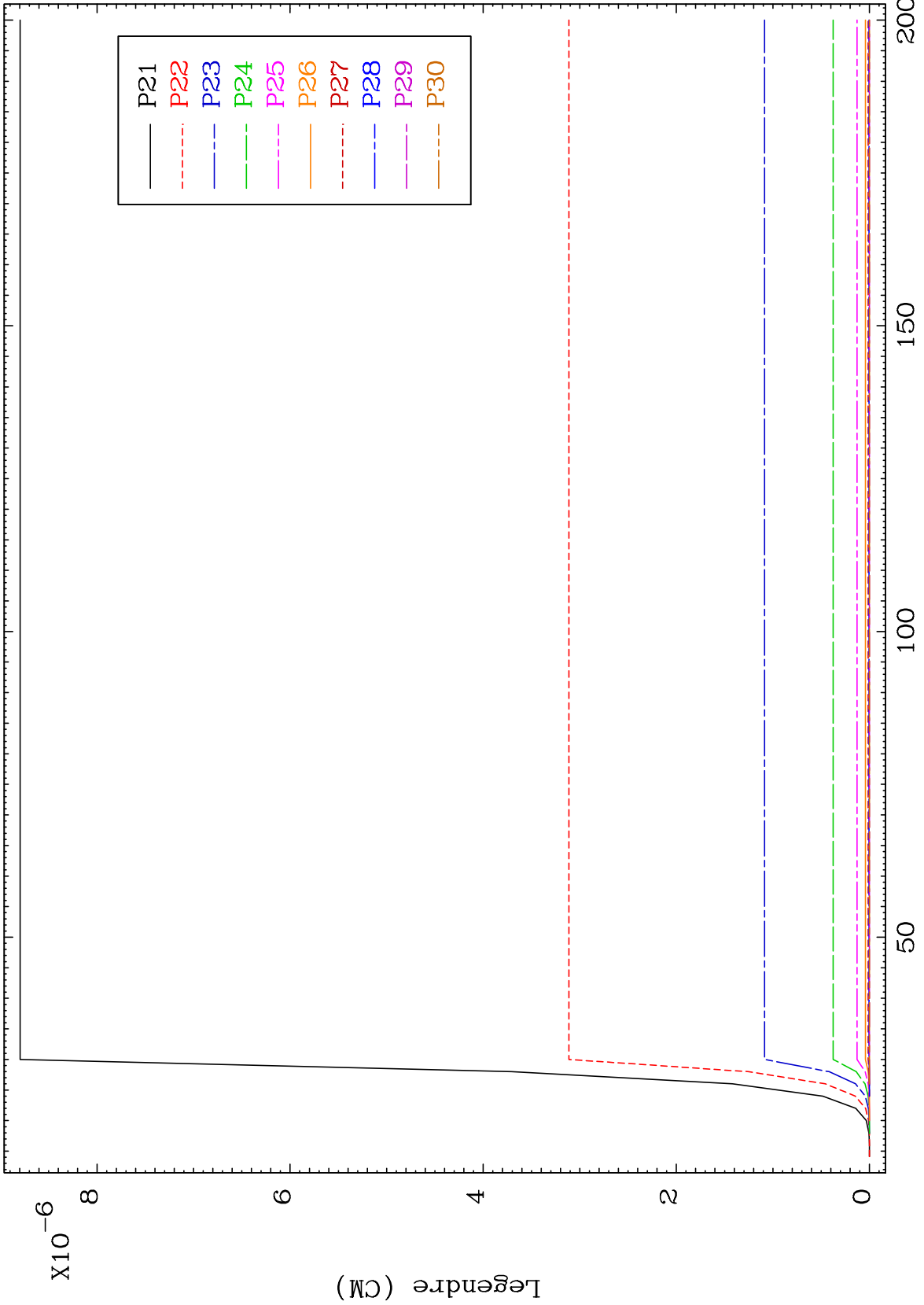
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32



26

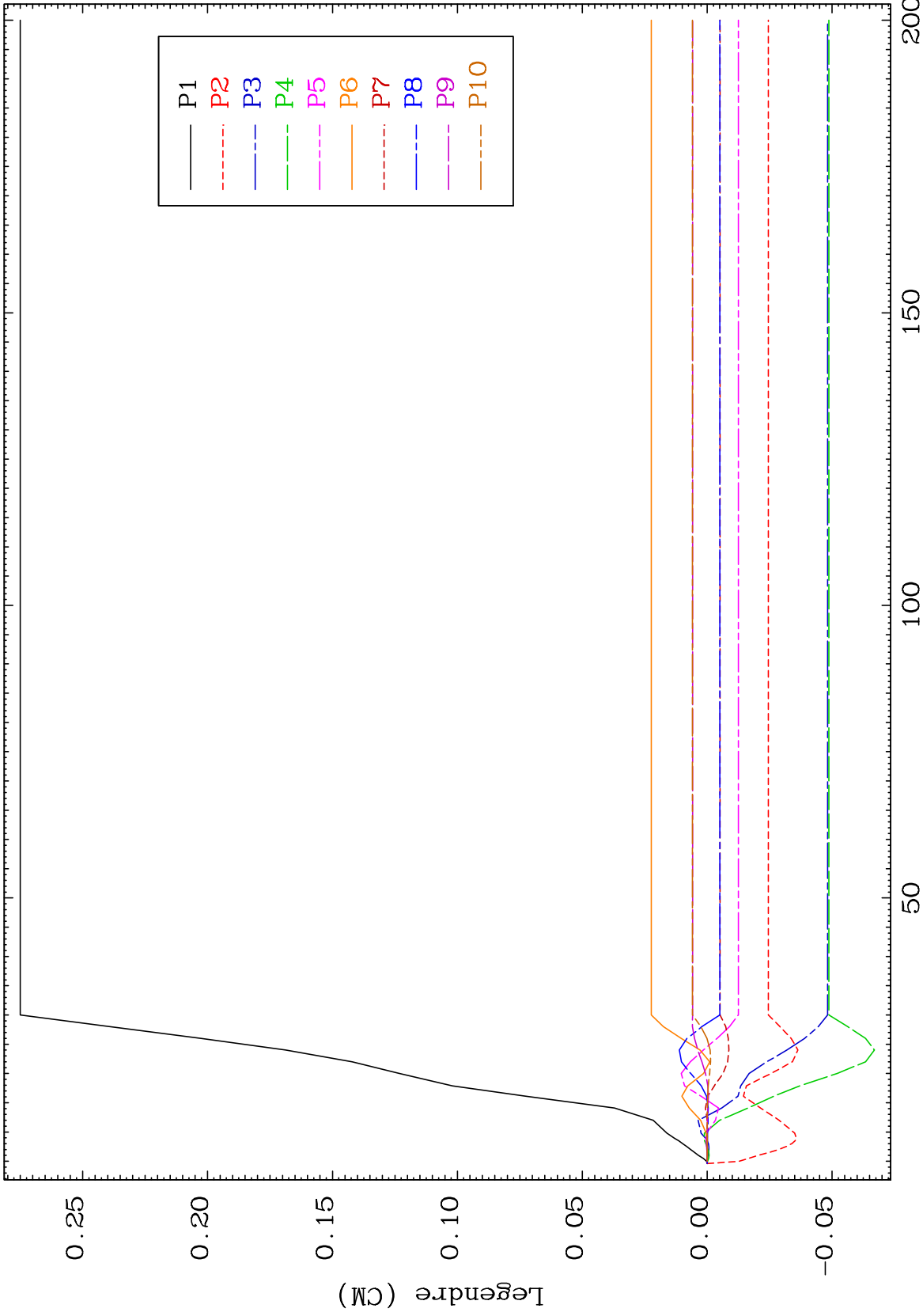
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32

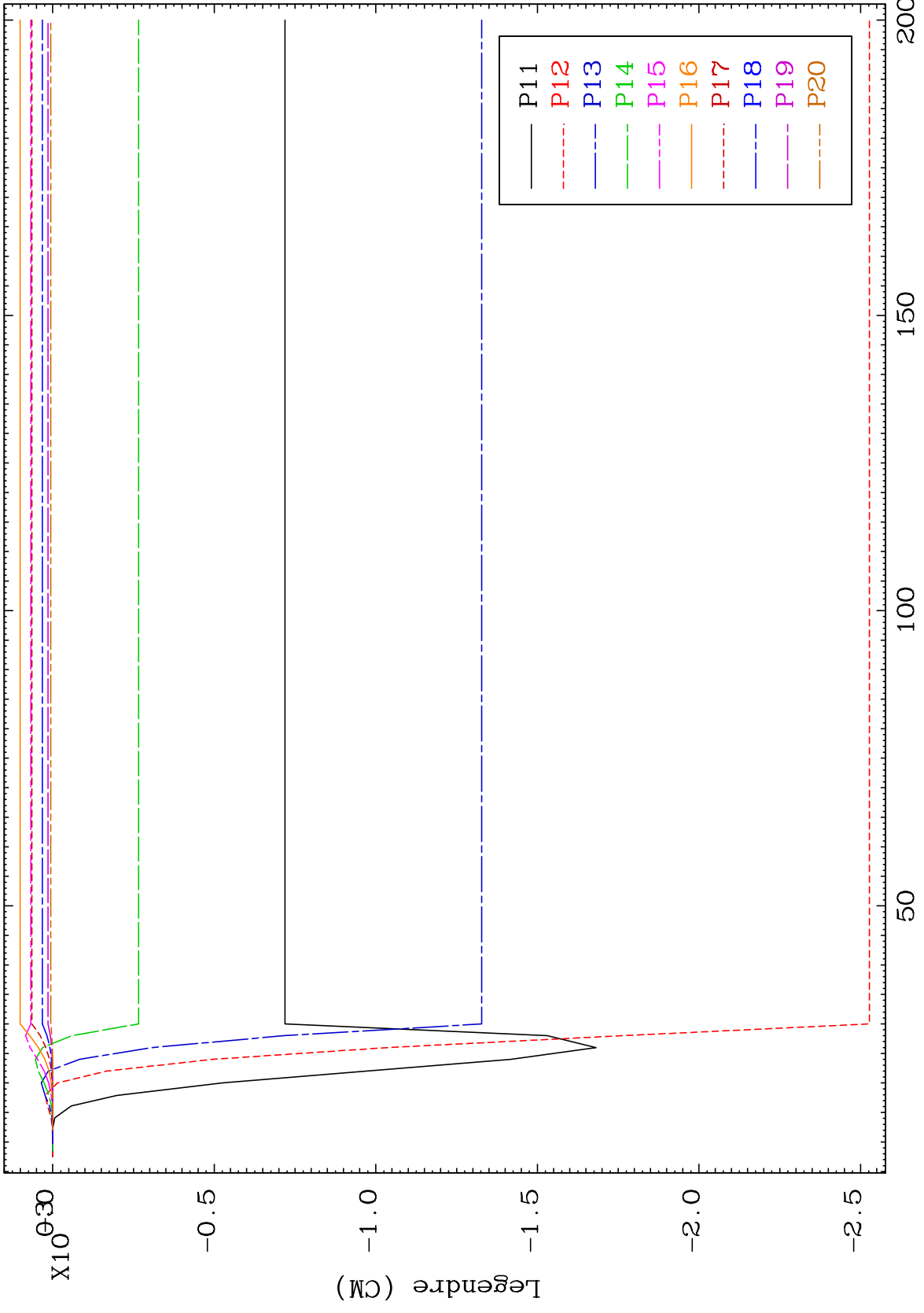


27

Incident Energy (MeV)

16-S -32

MAT 1625 MT= 54 (n,n') Level Legendre Coefficients 16-S -32

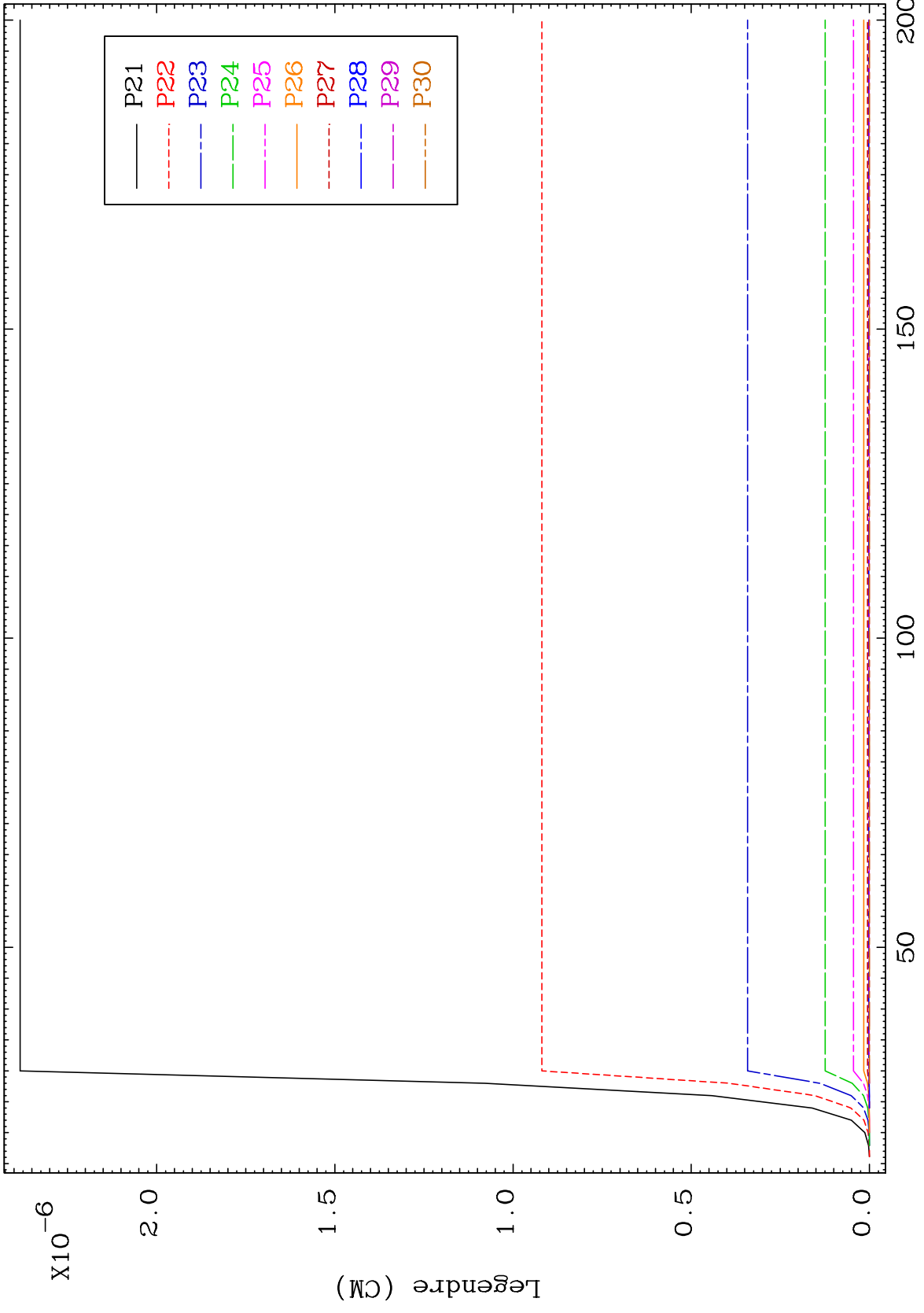


28 Incident Energy (MeV) 16-S -32

MAT 1625

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

16-S -32

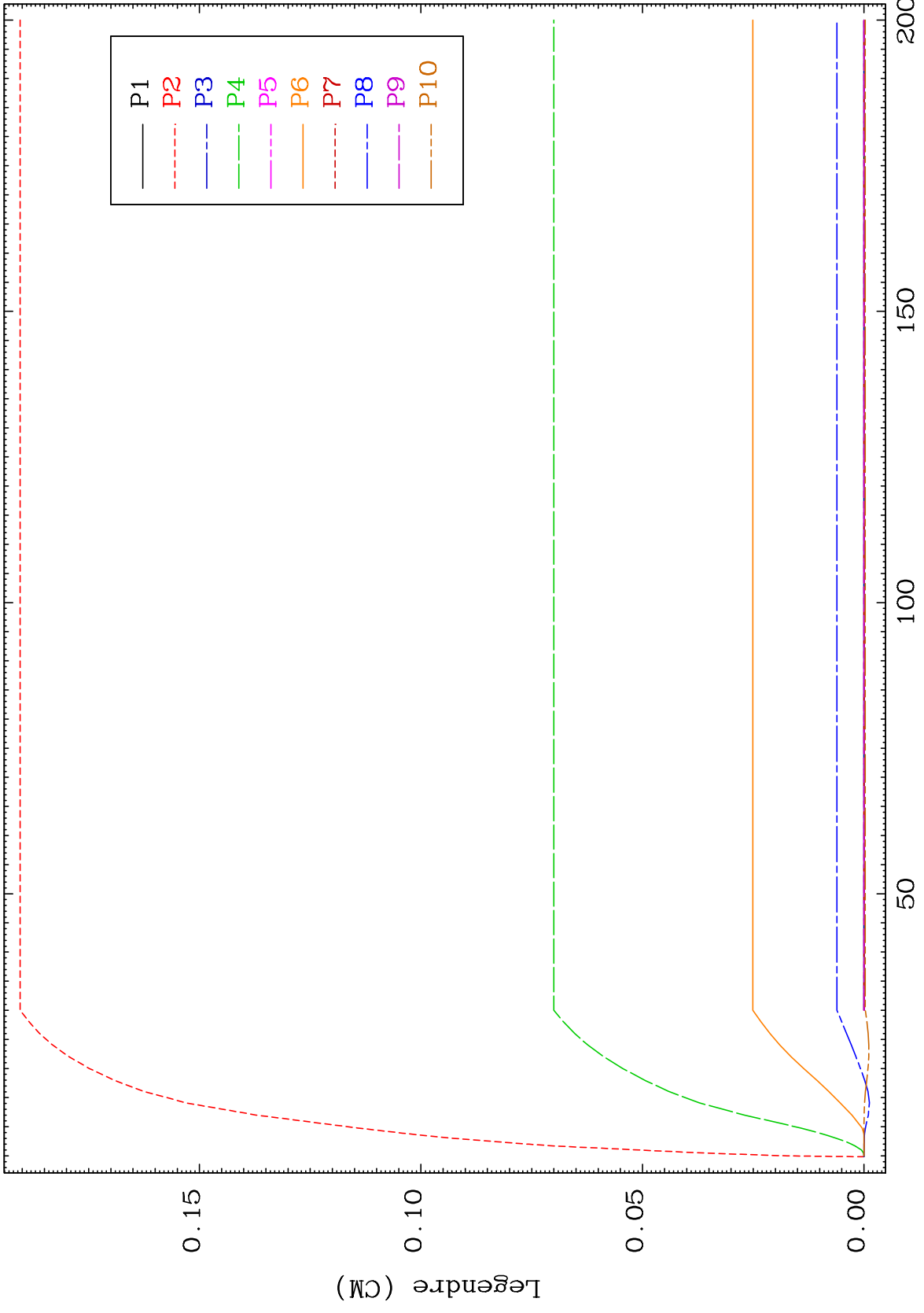


29

Incident Energy (MeV)

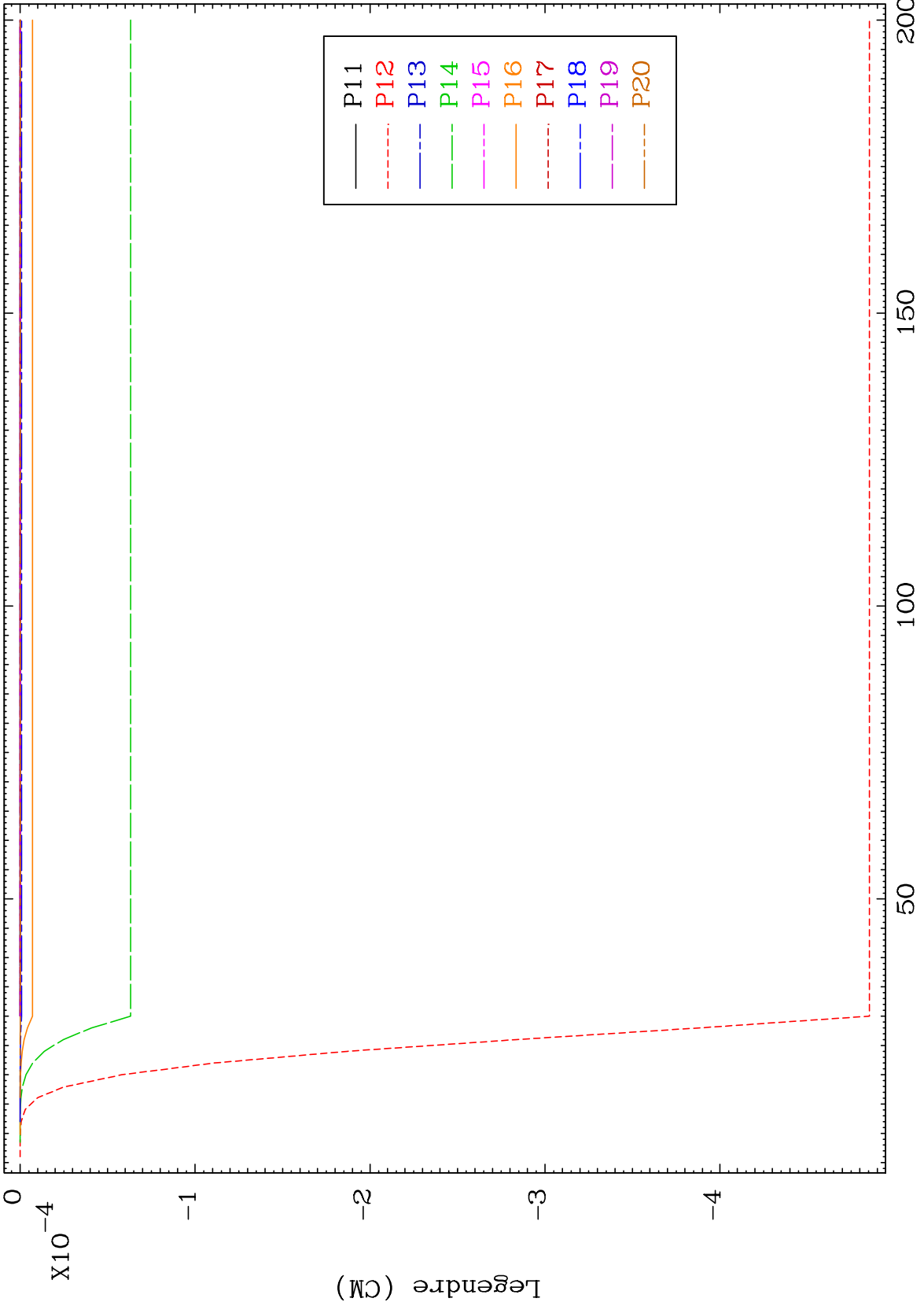
16-S -32

MAT 1625 MT= 55 (n,n') Level Legendre Coefficients 16-S -32



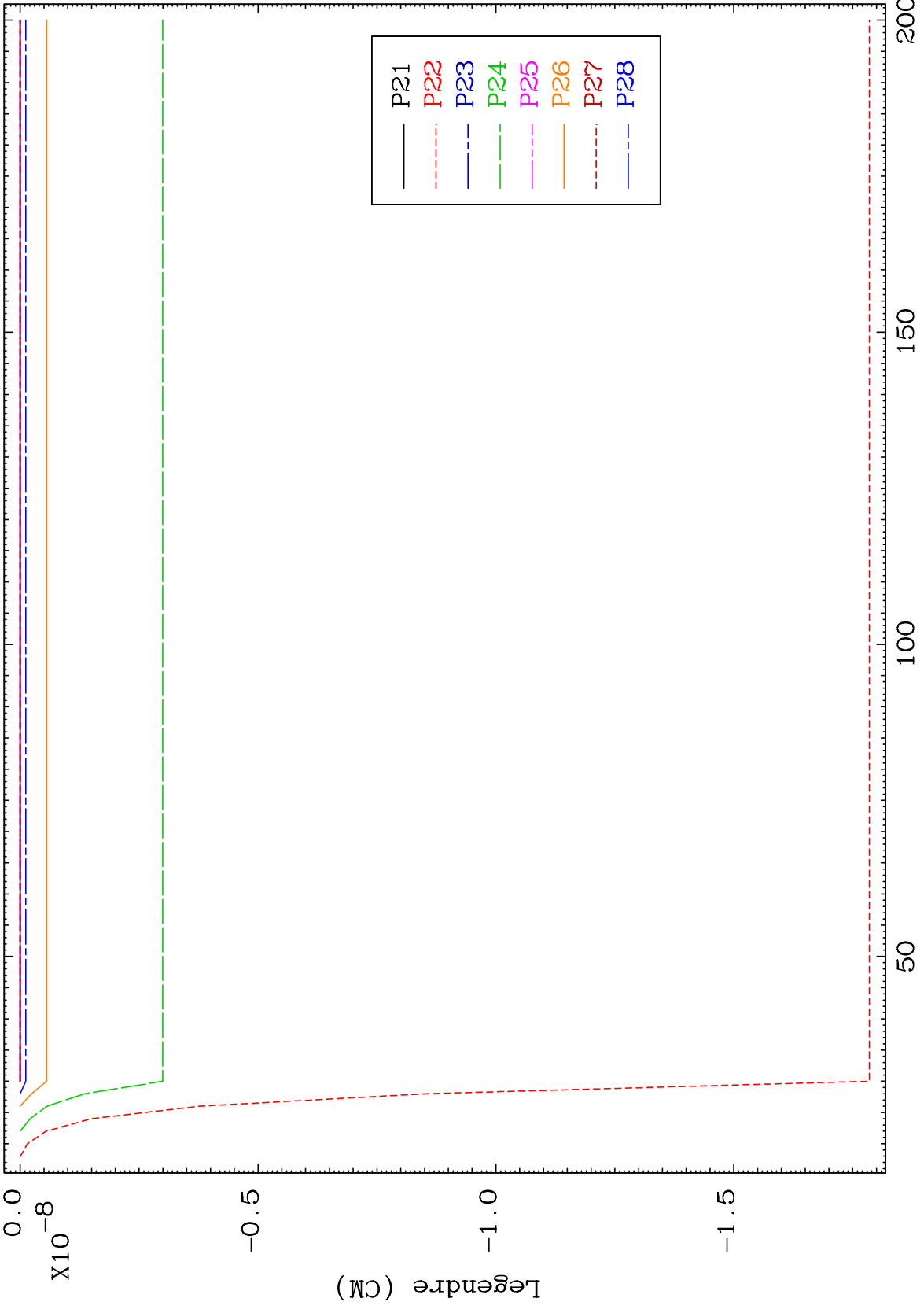
16-S -32

MAT 1625 MT= 55 (n,n') Level Legendre Coefficients 16-S -32



31 16-S -32

MAT 1625 MT= 55 (n,n') Level Legendre Coefficients 16-S -32

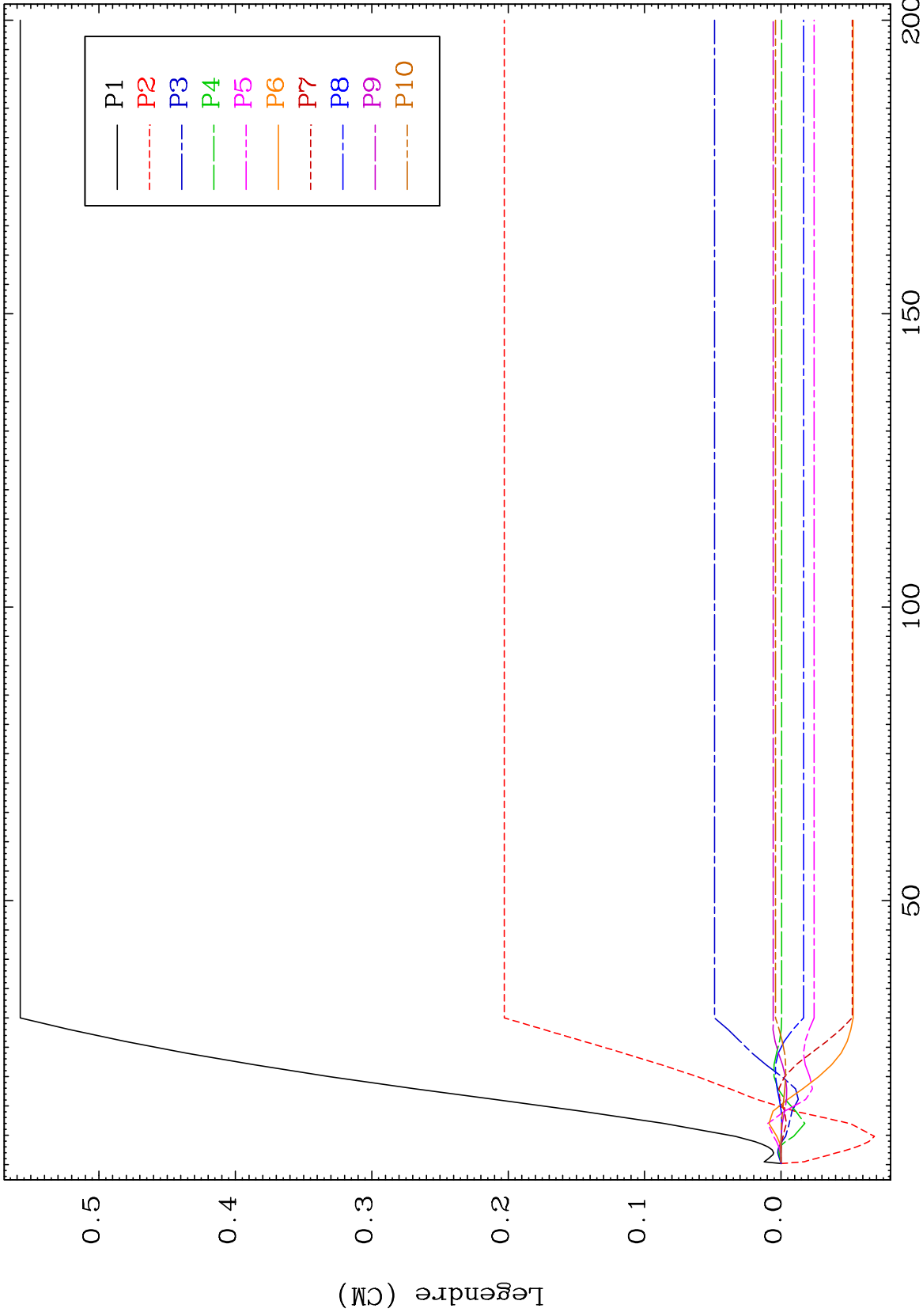


32 Incident Energy (MeV) 16-S -32

MAT 1625

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

16-S -32



33

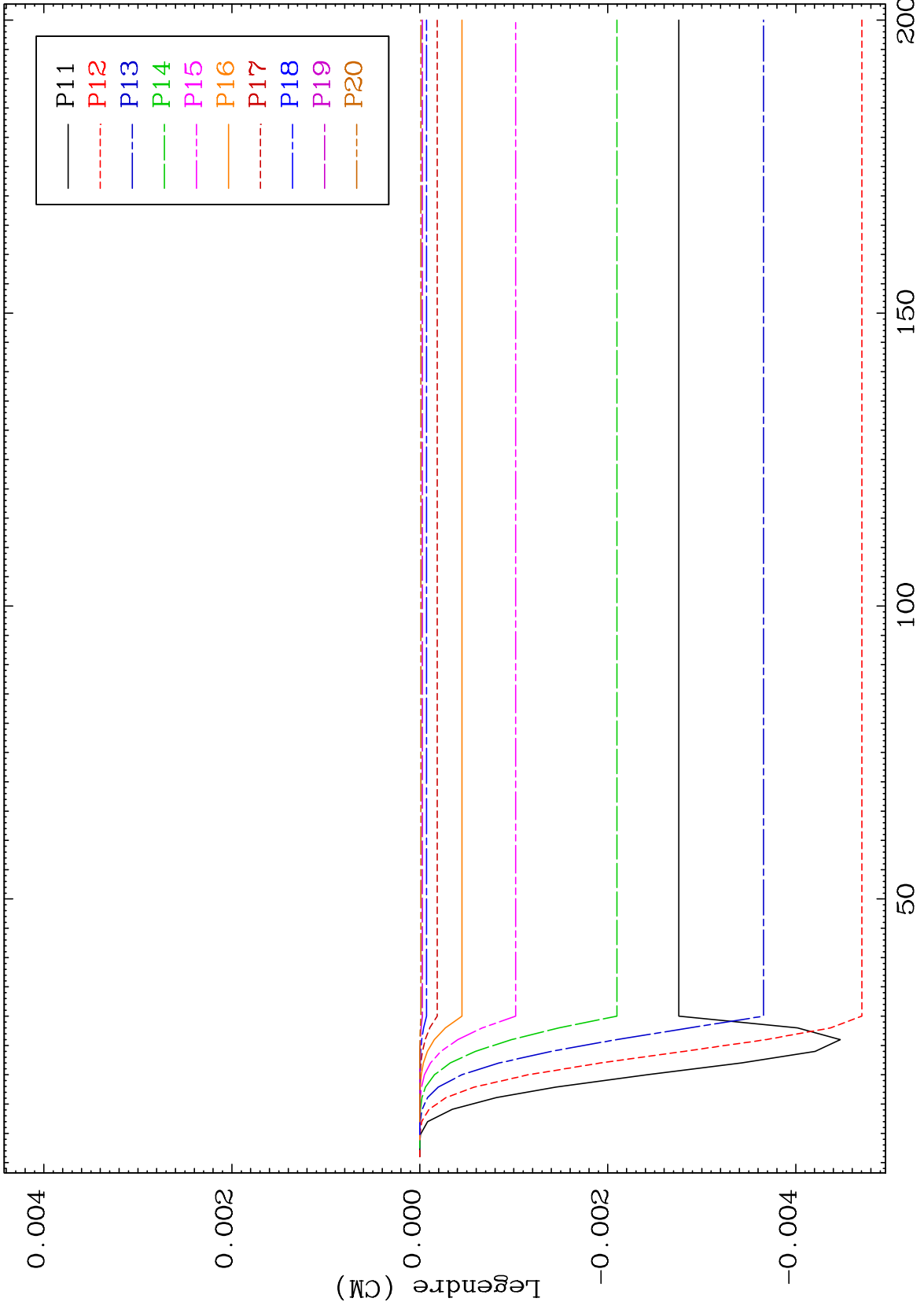
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32

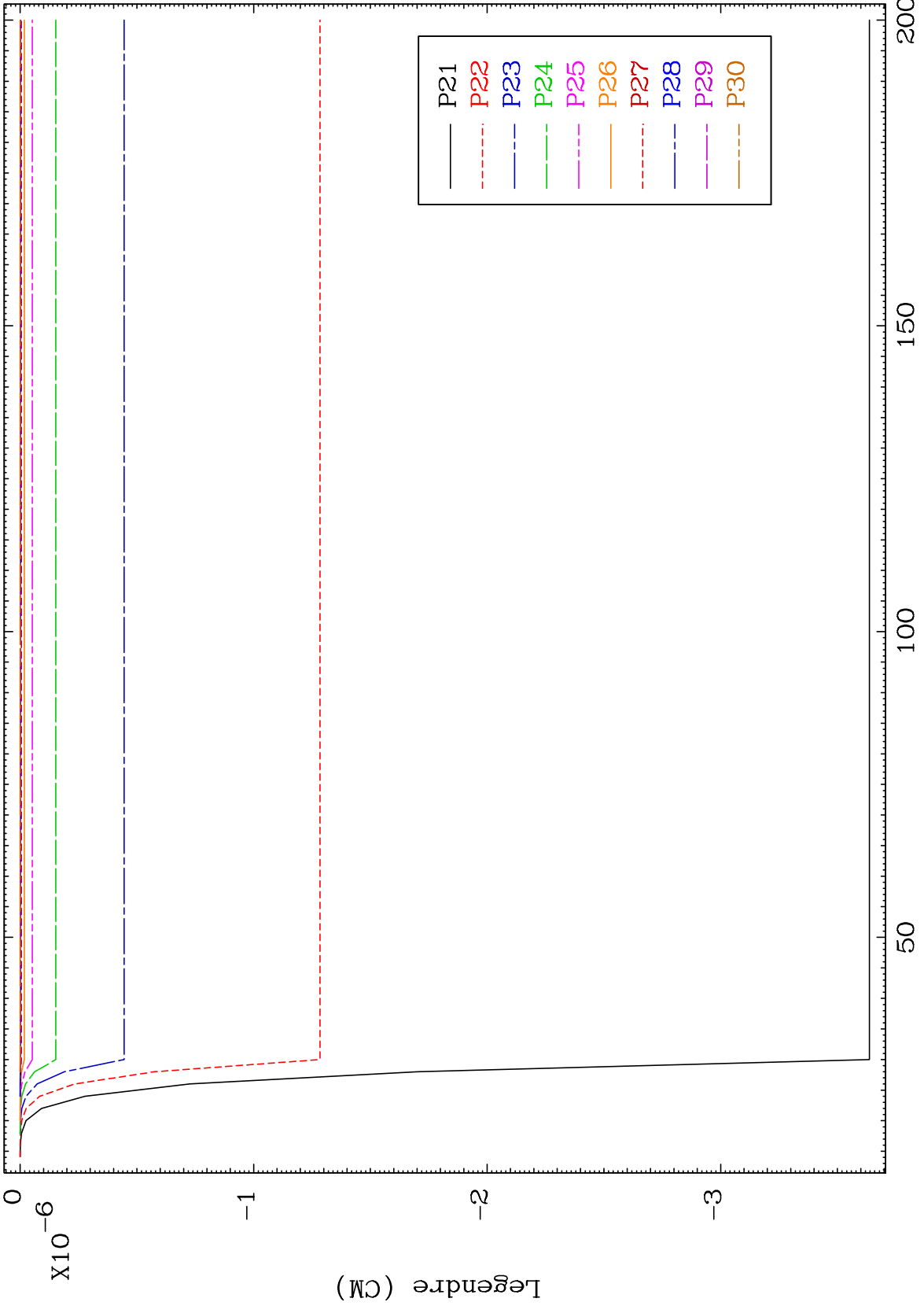


34

Incident Energy (MeV)

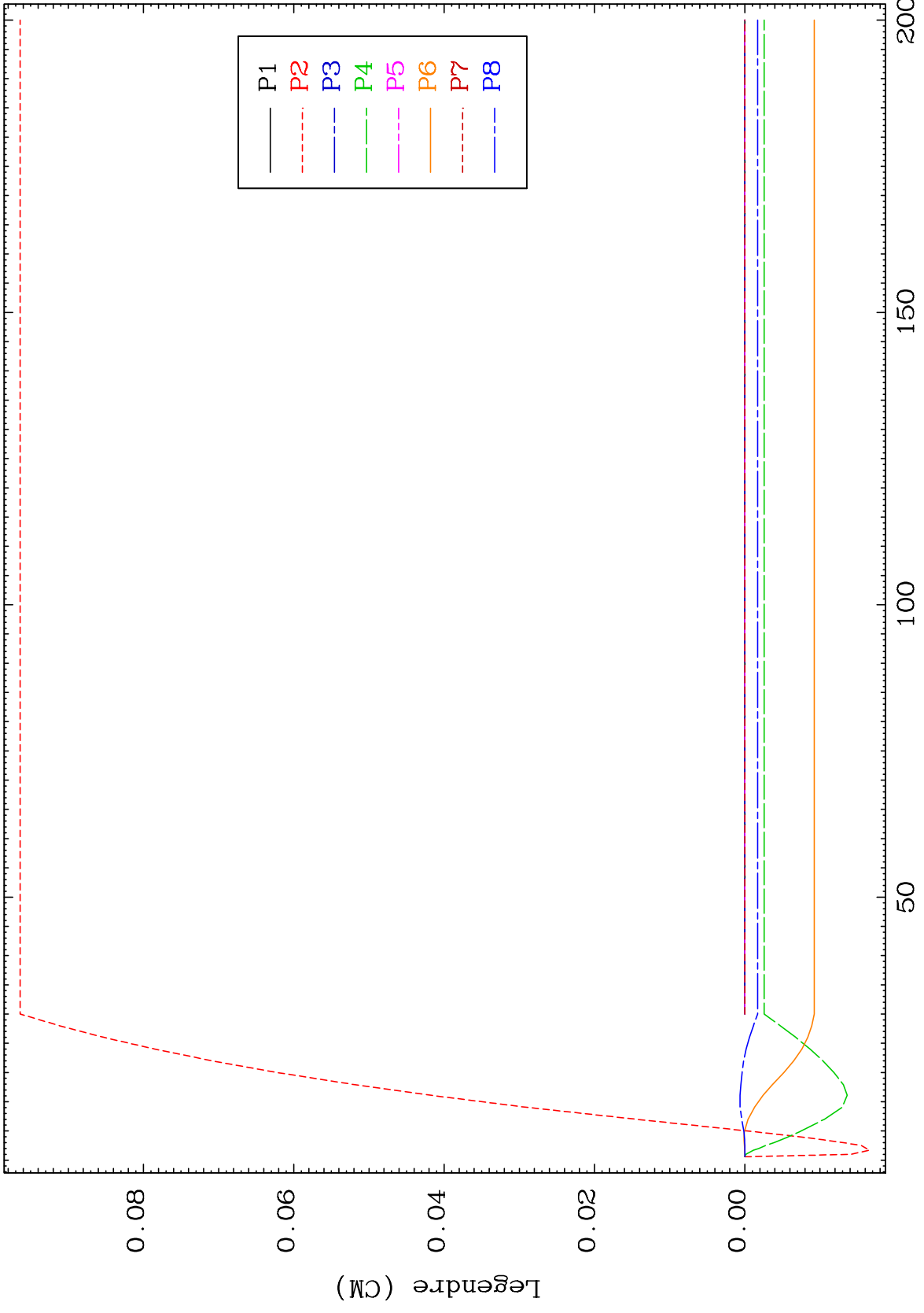
16-S -32

MAT 1625 MT= 56 (n,n') Level Legendre Coefficients 16-S -32



35 Incident Energy (MeV) 16-S -32

MAT 1625 MT= 57 (n,n') Level Legendre Coefficients 16-S -32

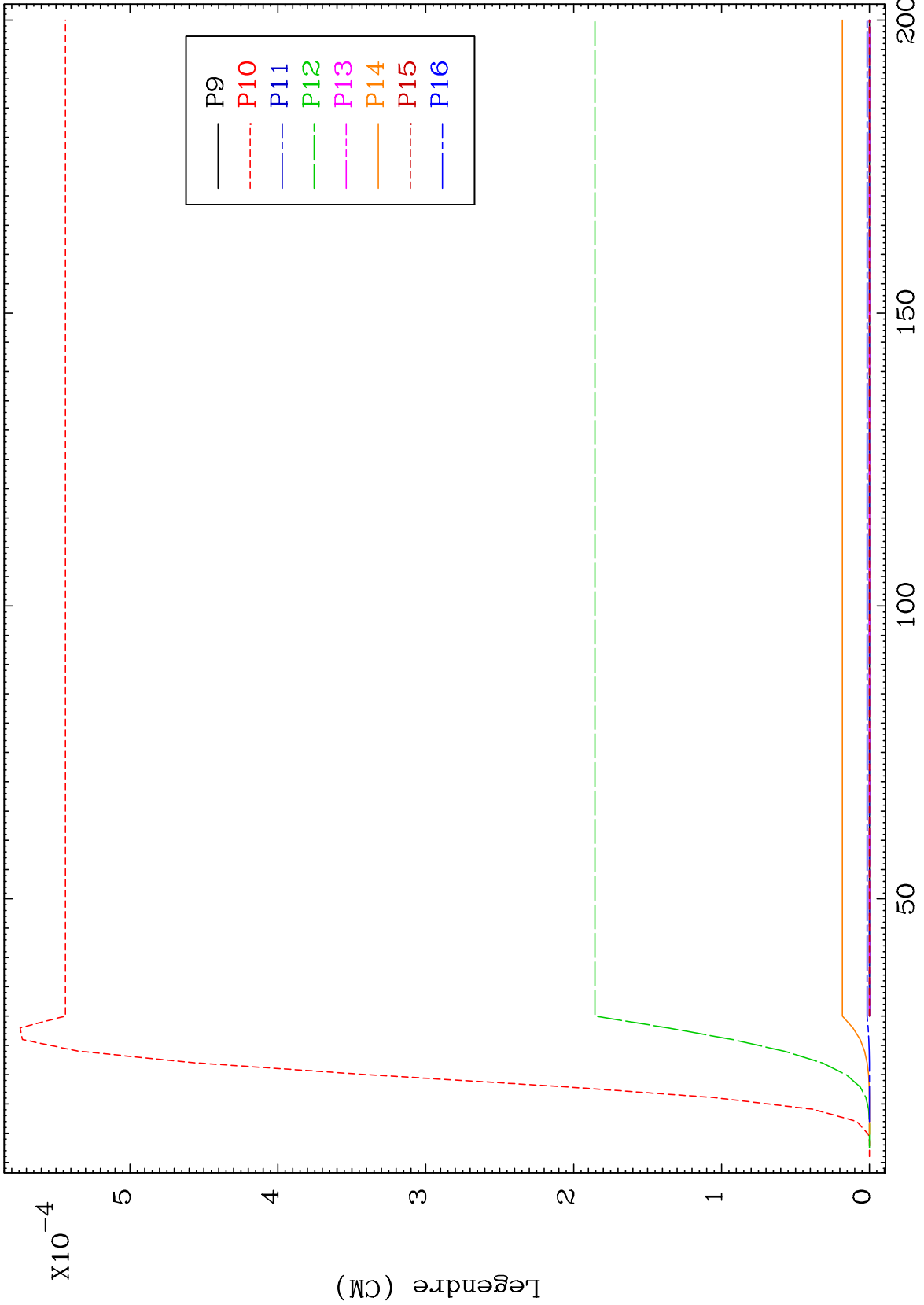


36 Incident Energy (MeV) 16-S -32

MAT 1625

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

16-S -32



37

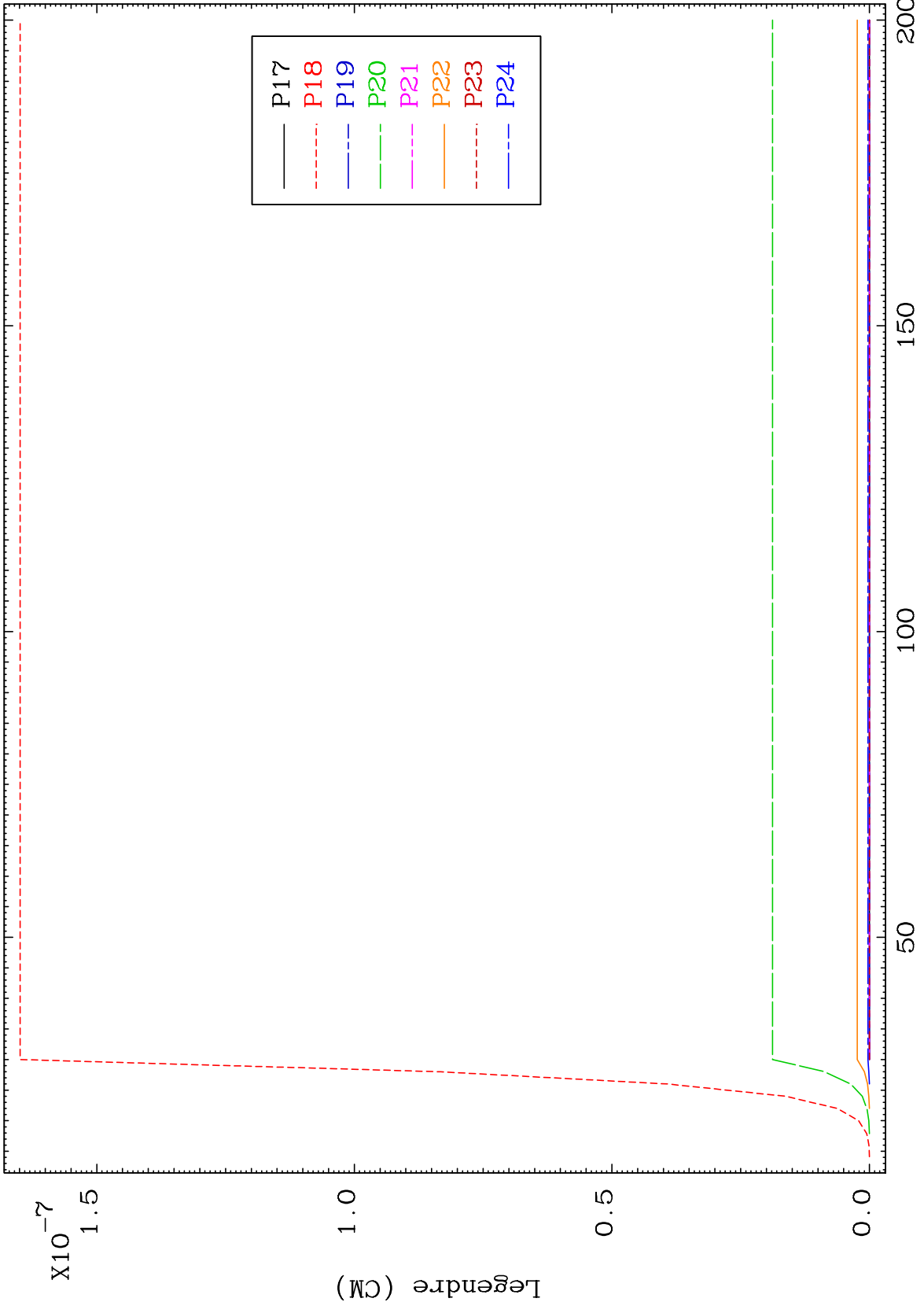
Incident Energy (MeV)

16-S -32

MAT 1625 MT= 57 (n,n') Level Legendre Coefficients

16-S -32

16-S -32



38

50

100

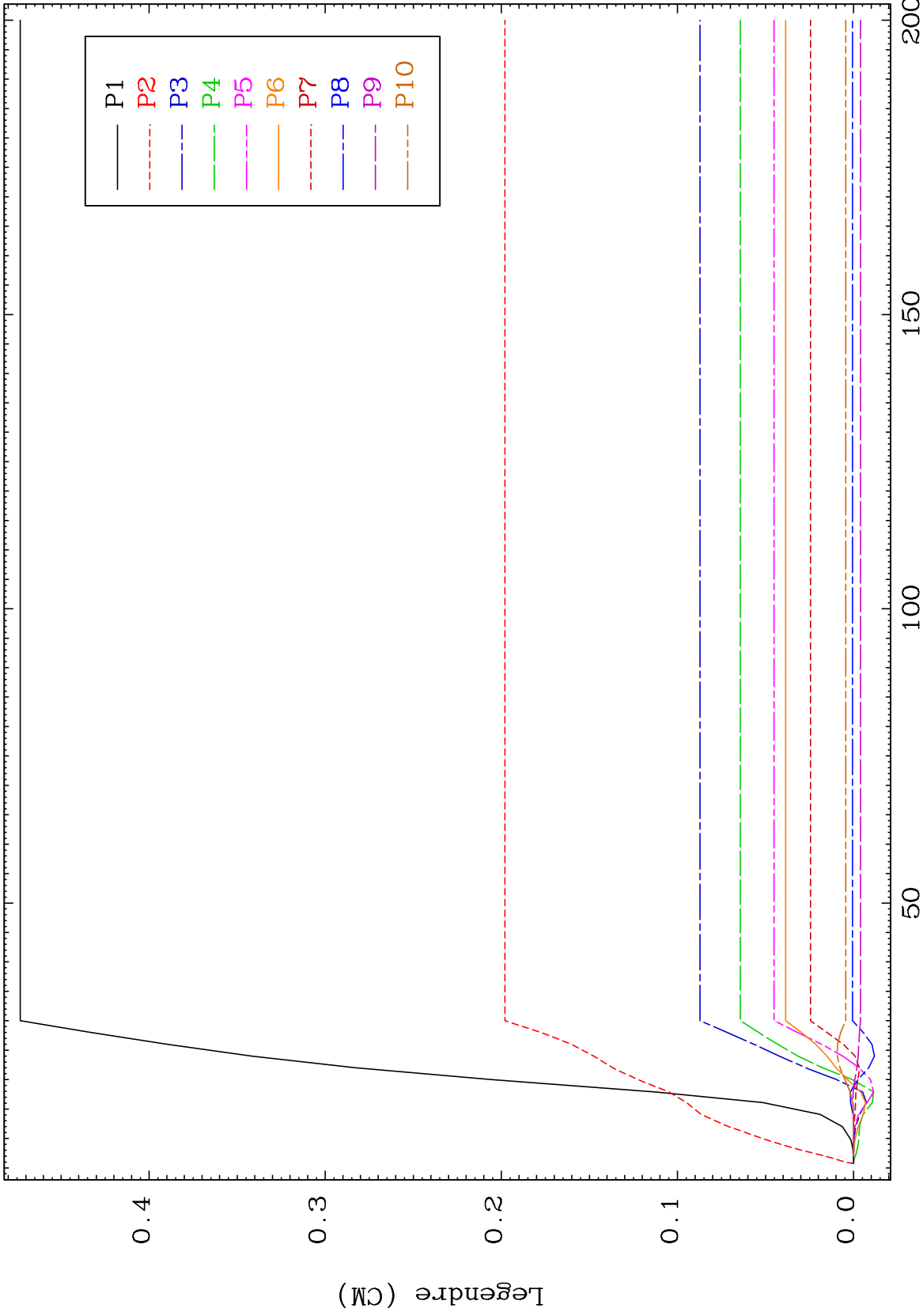
150

200

MAT 1625

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

16-S -32



39

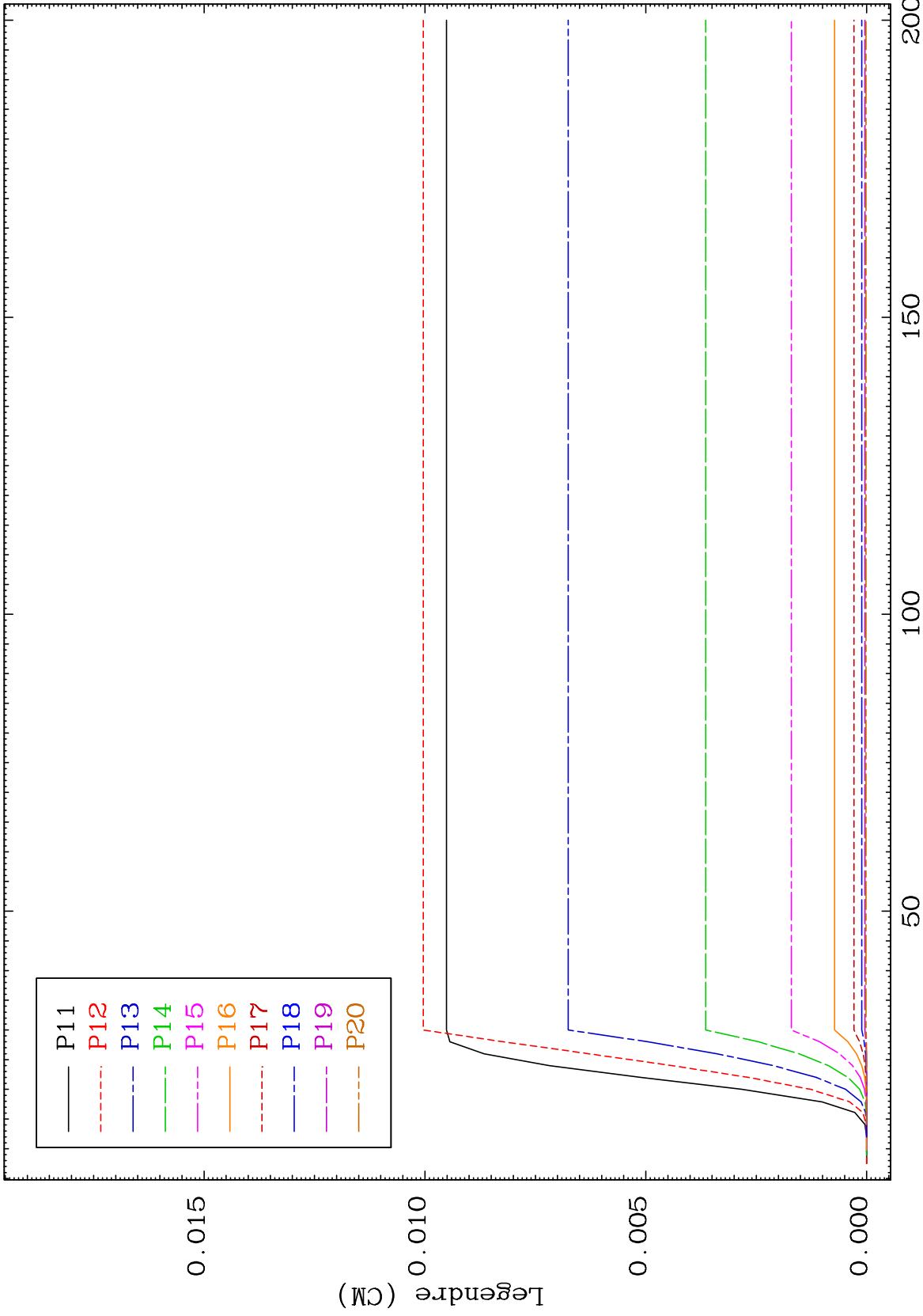
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32



40

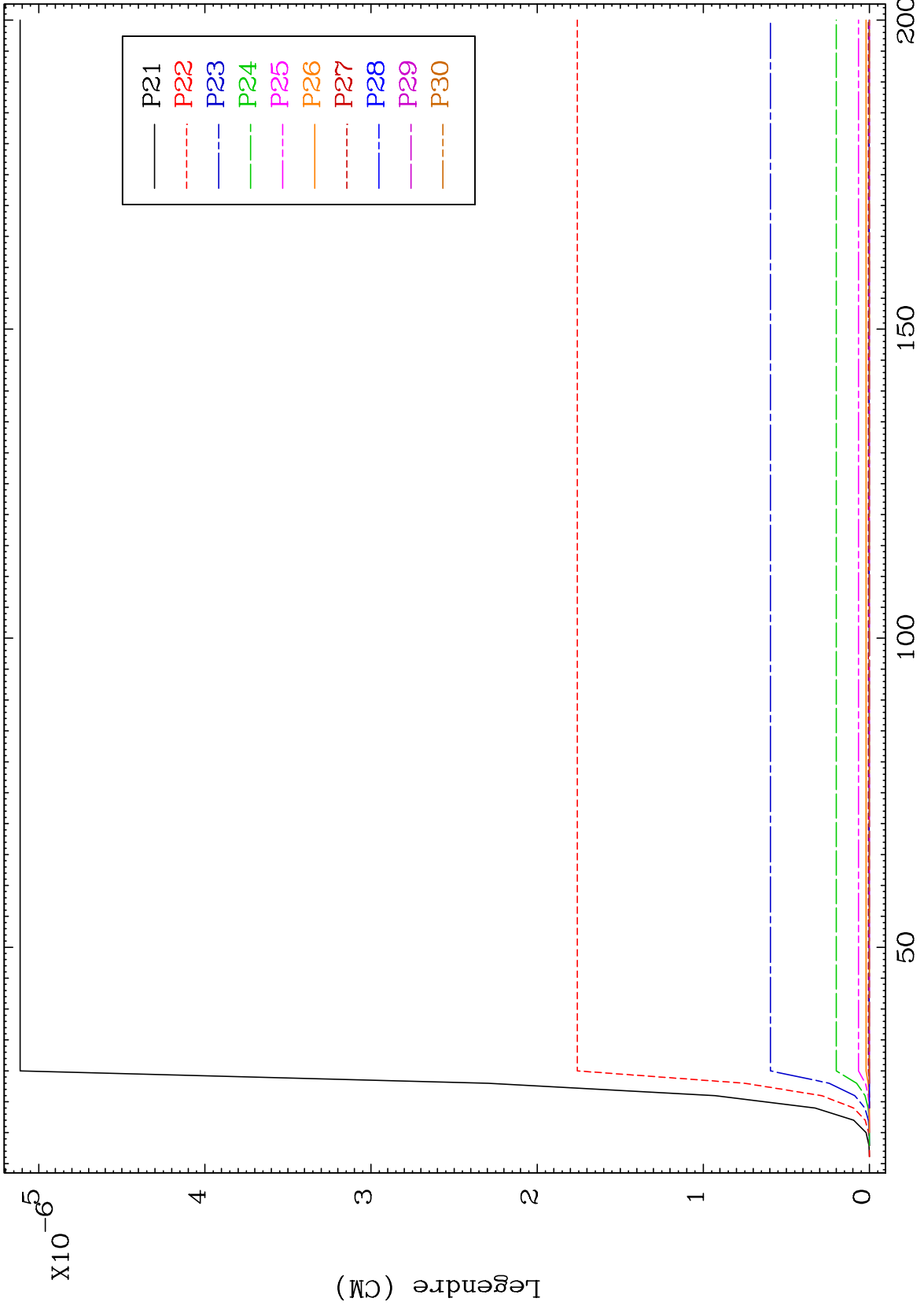
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32



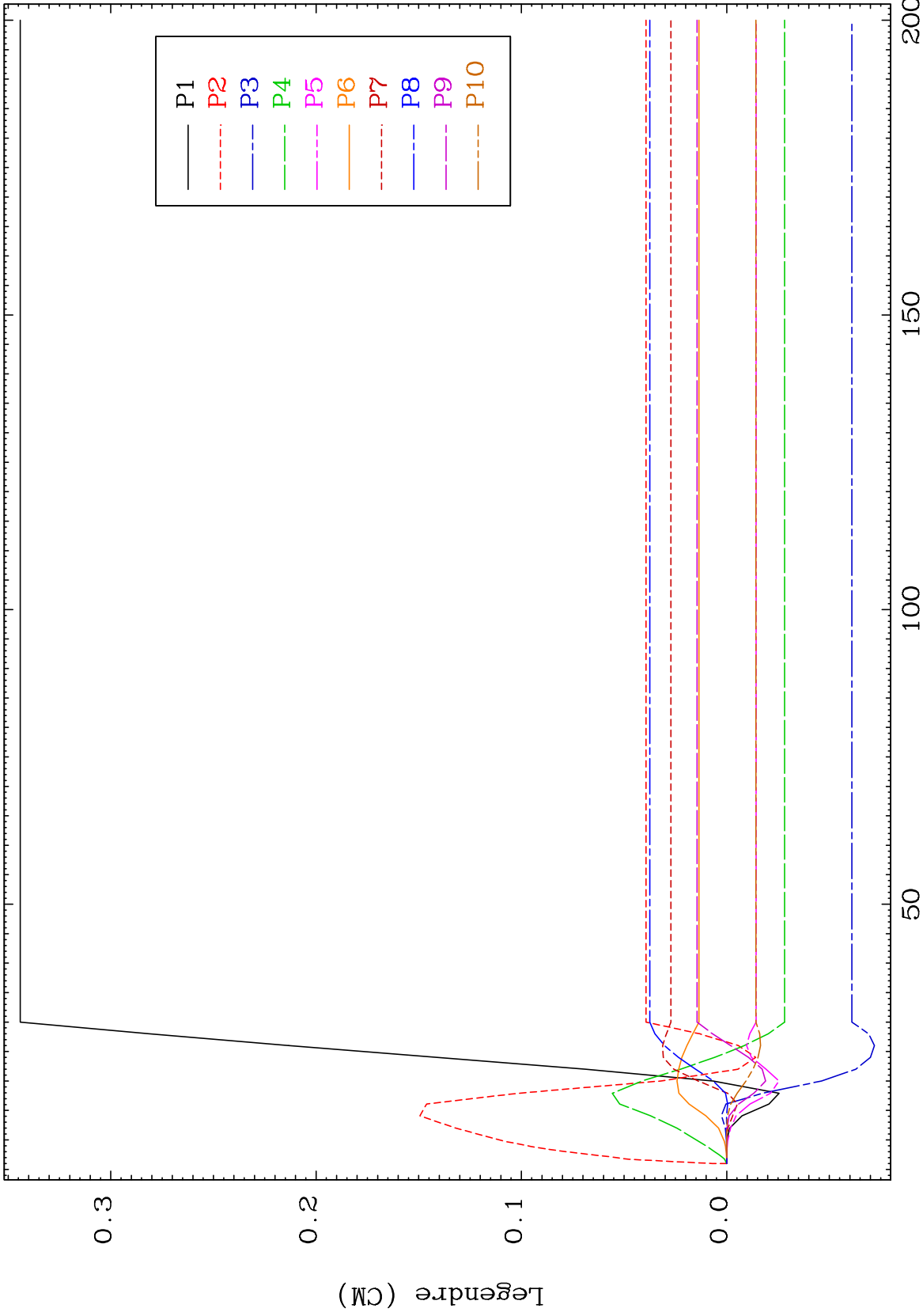
41

16-S -32

MAT 1625

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

16-S -32



42

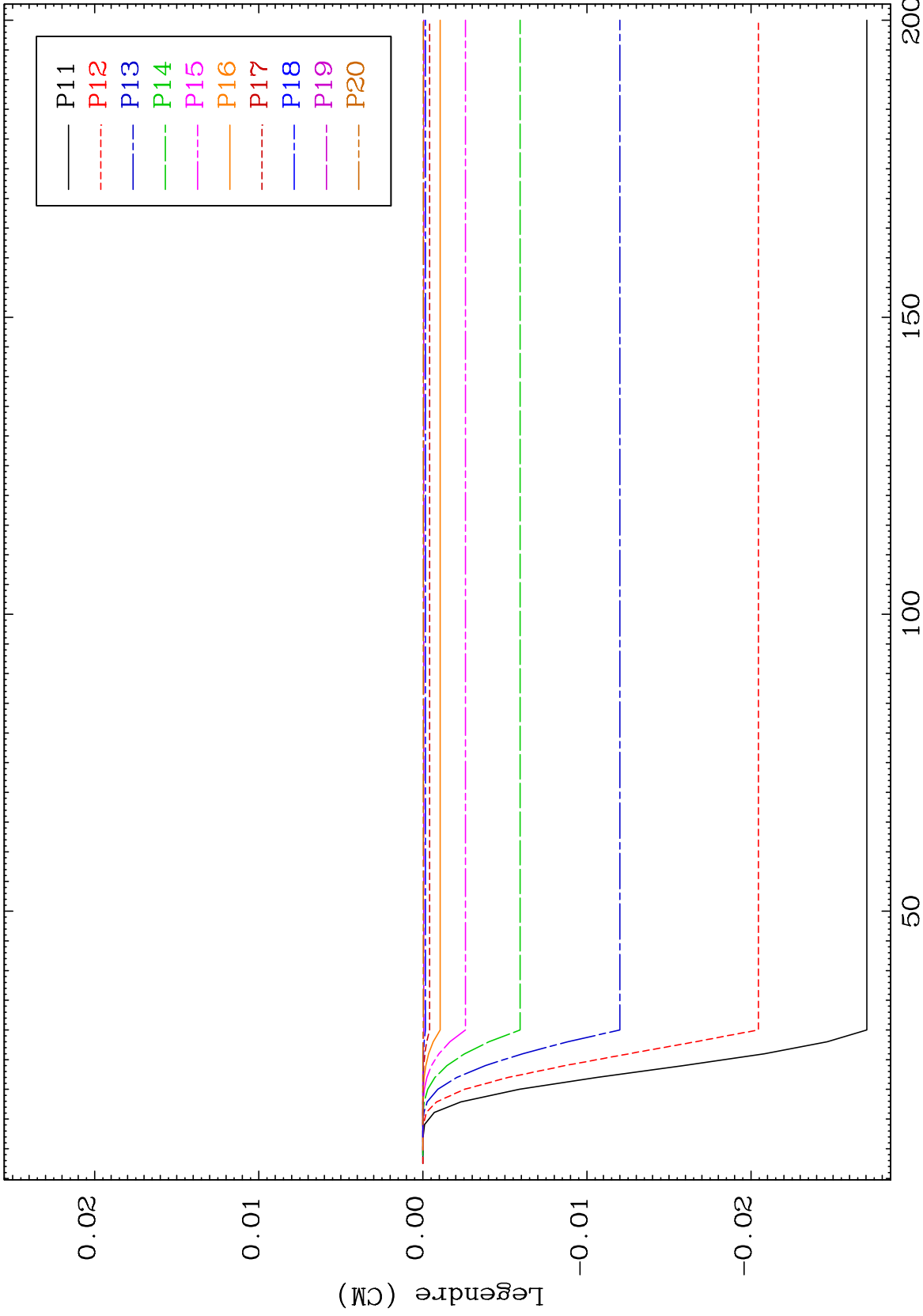
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32

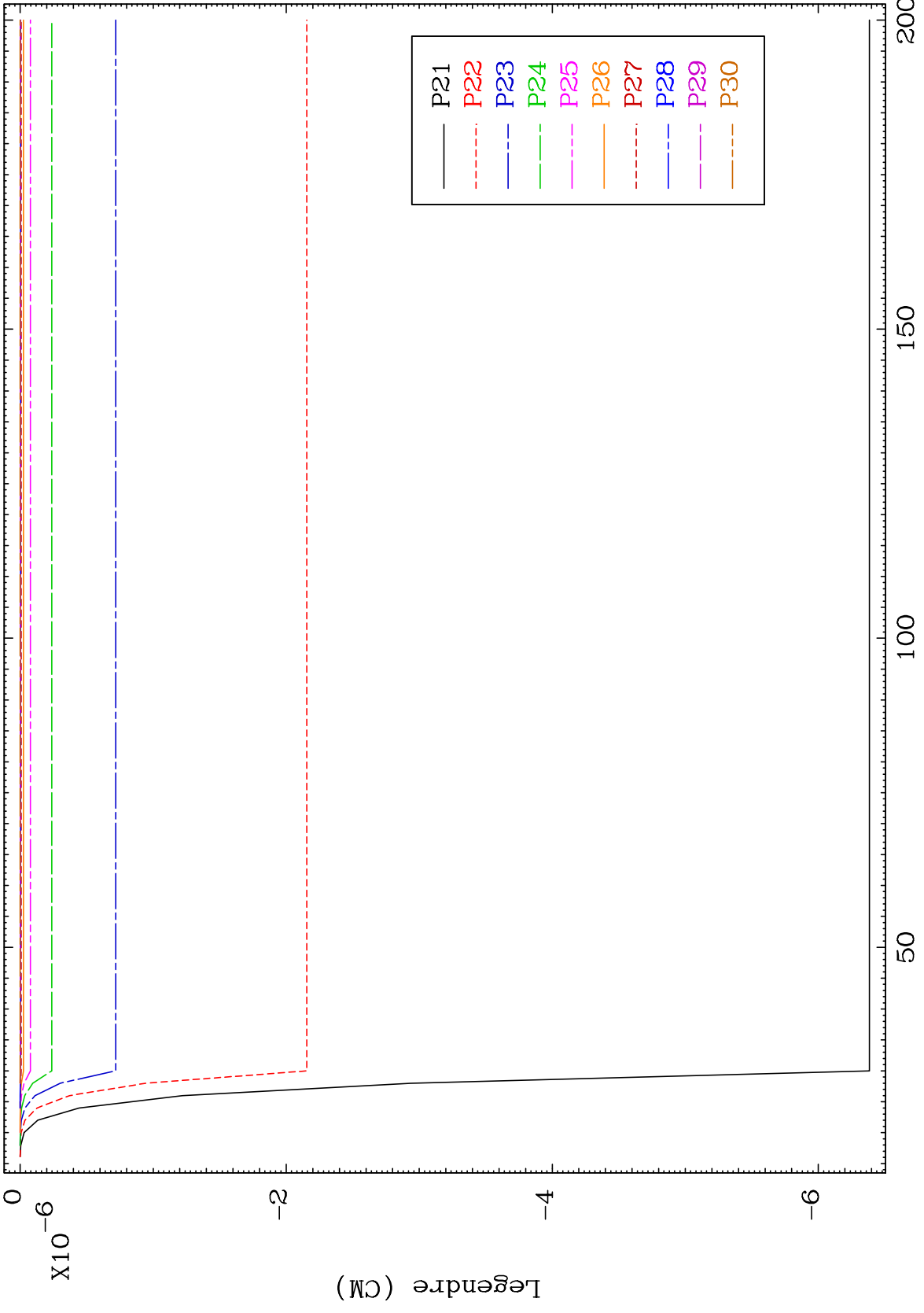


43

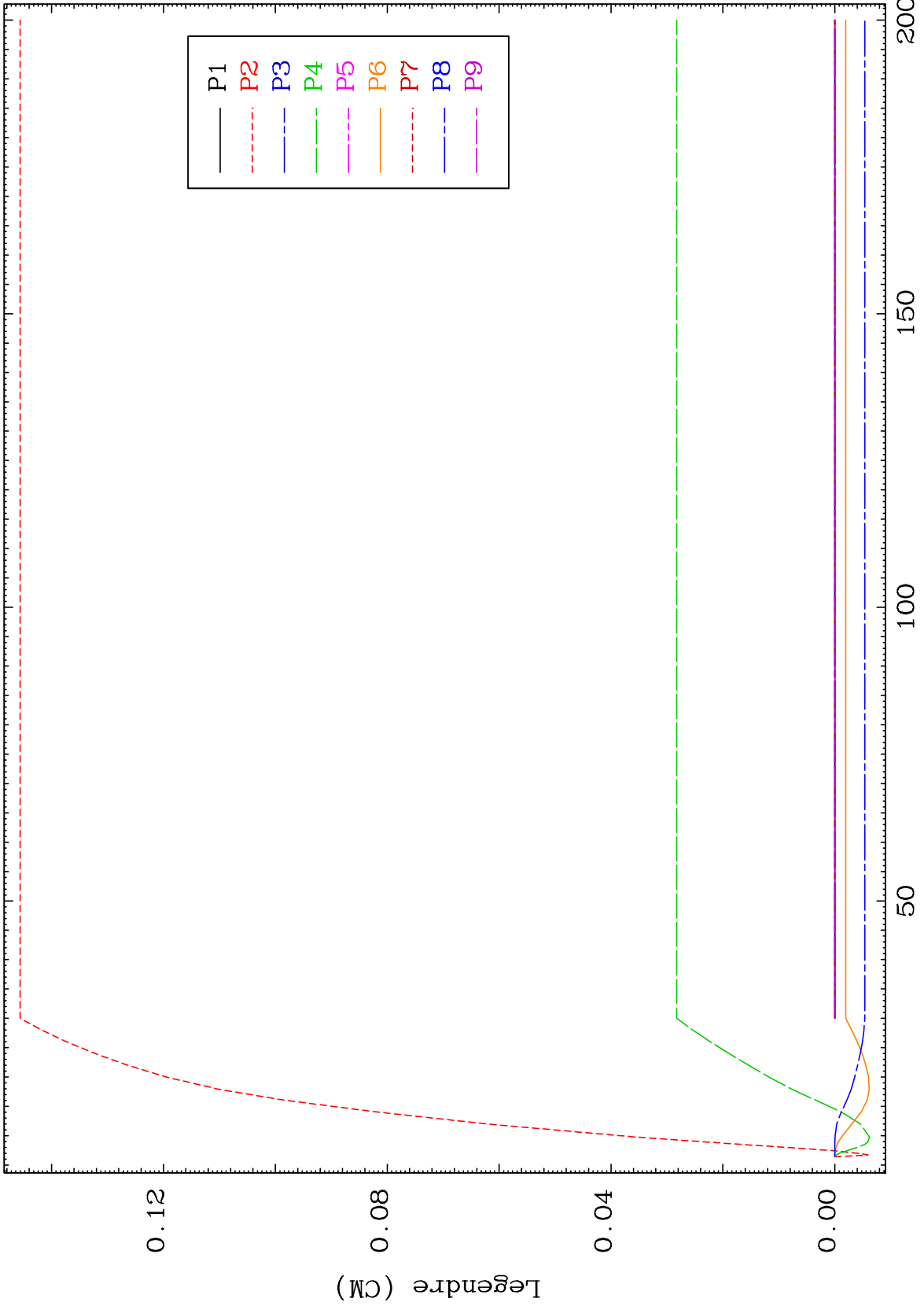
Incident Energy (MeV)

16-S -32

MAT 1625 MT= 59 (n,n') Level Legendre Coefficients 16-S -32



MAT 1625 MT= 60 (n,n') Level Legendre Coefficients 16-S -32

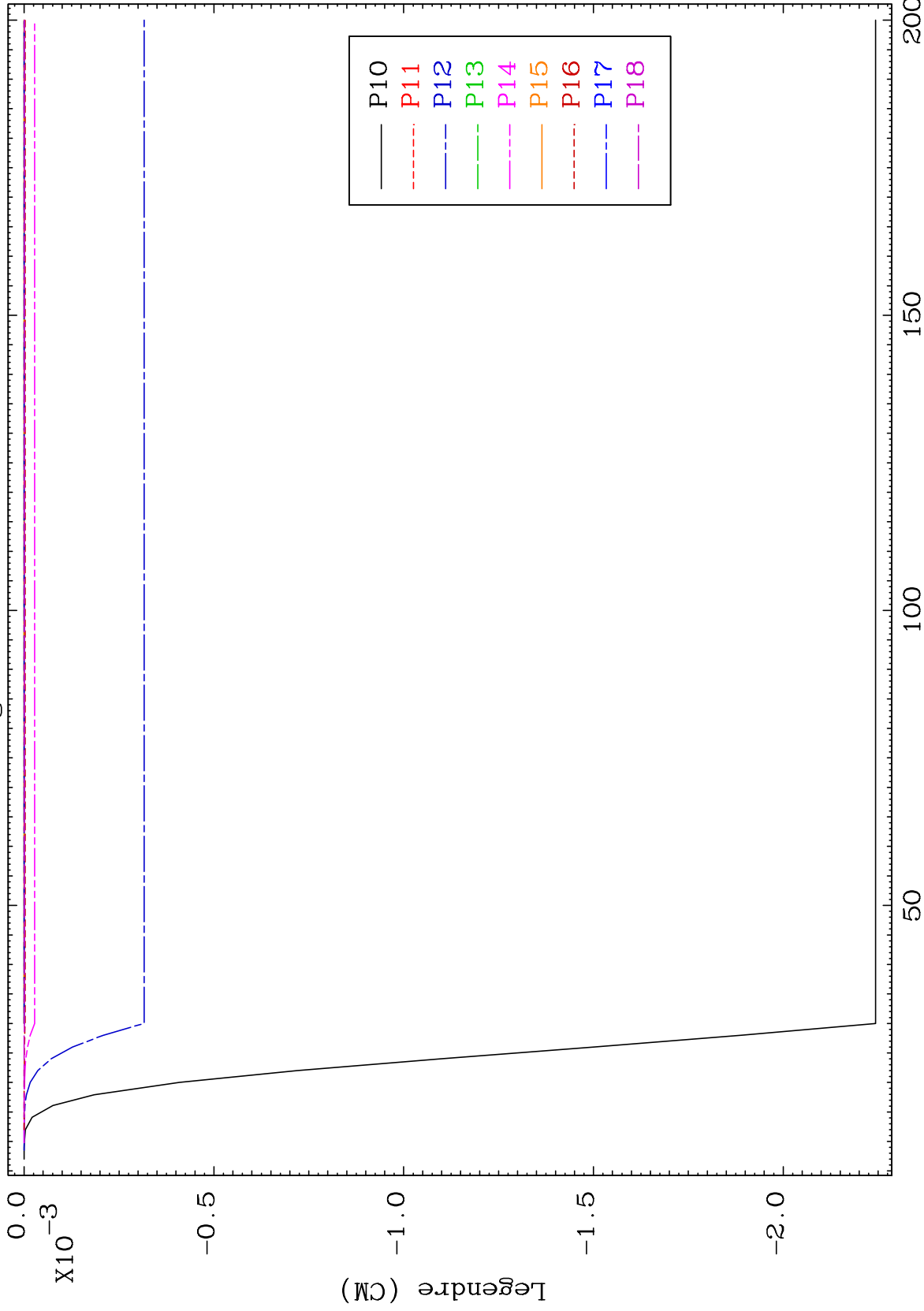


45 Incident Energy (MeV) 16-S -32

MAT 1625

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

16-S -32

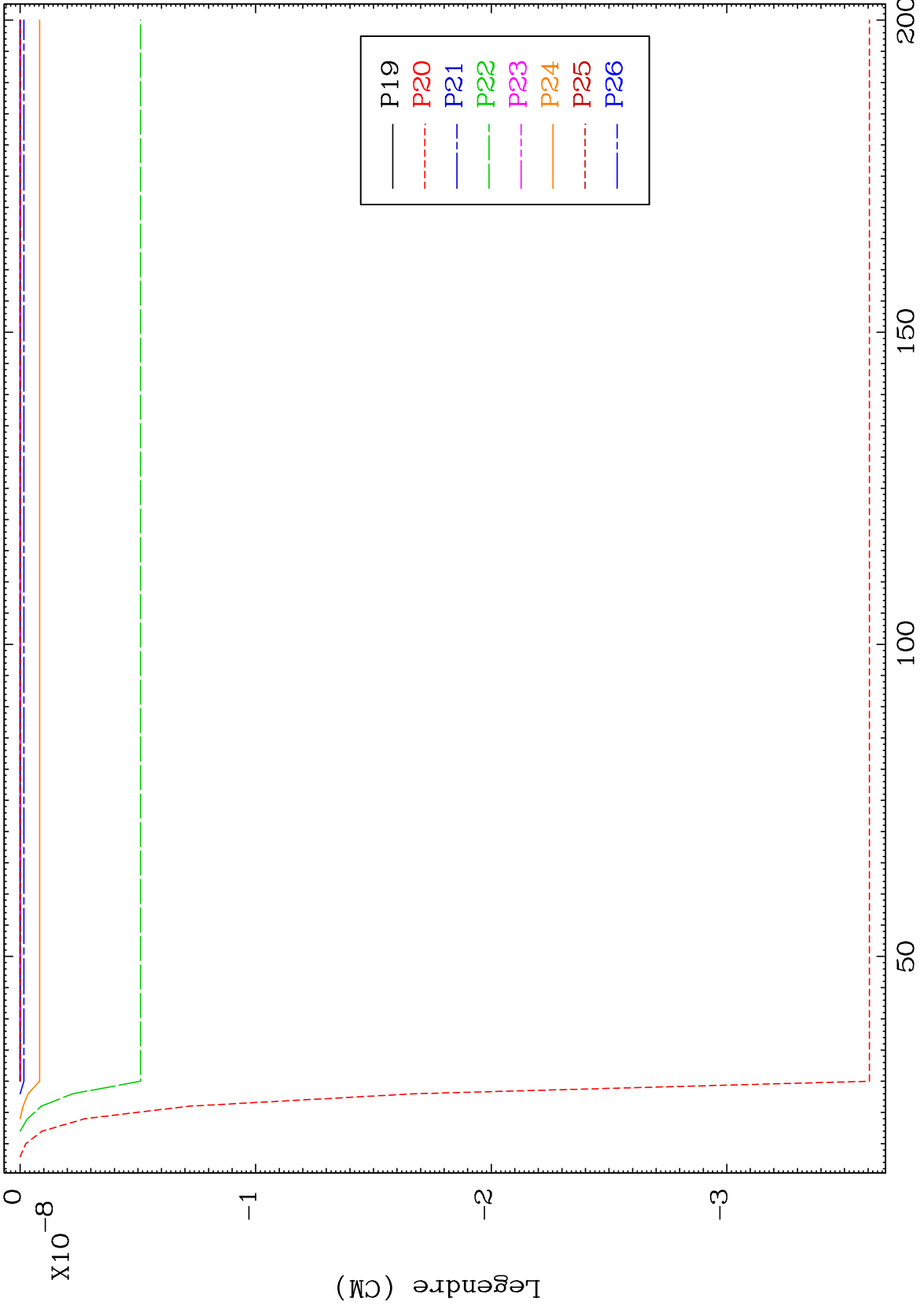


46

Incident Energy (MeV)

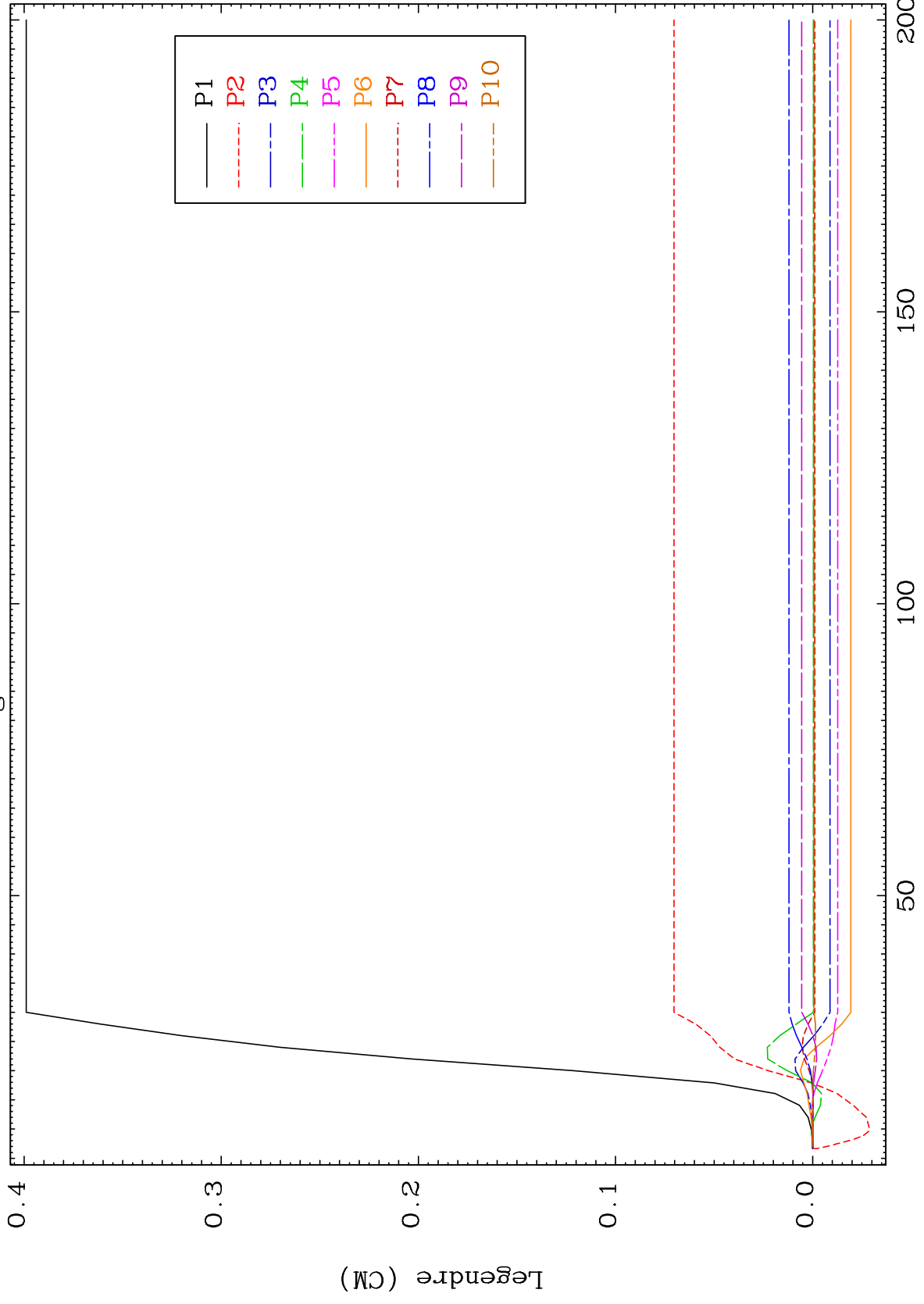
16-S -32

MAT 1625 MT= 60 (n,n') Level Legendre Coefficients 16-S -32



47 Incident Energy (MeV) 16-S -32

MAT 1625 MT= 61 (n,n') Level Legendre Coefficients 16-S -32

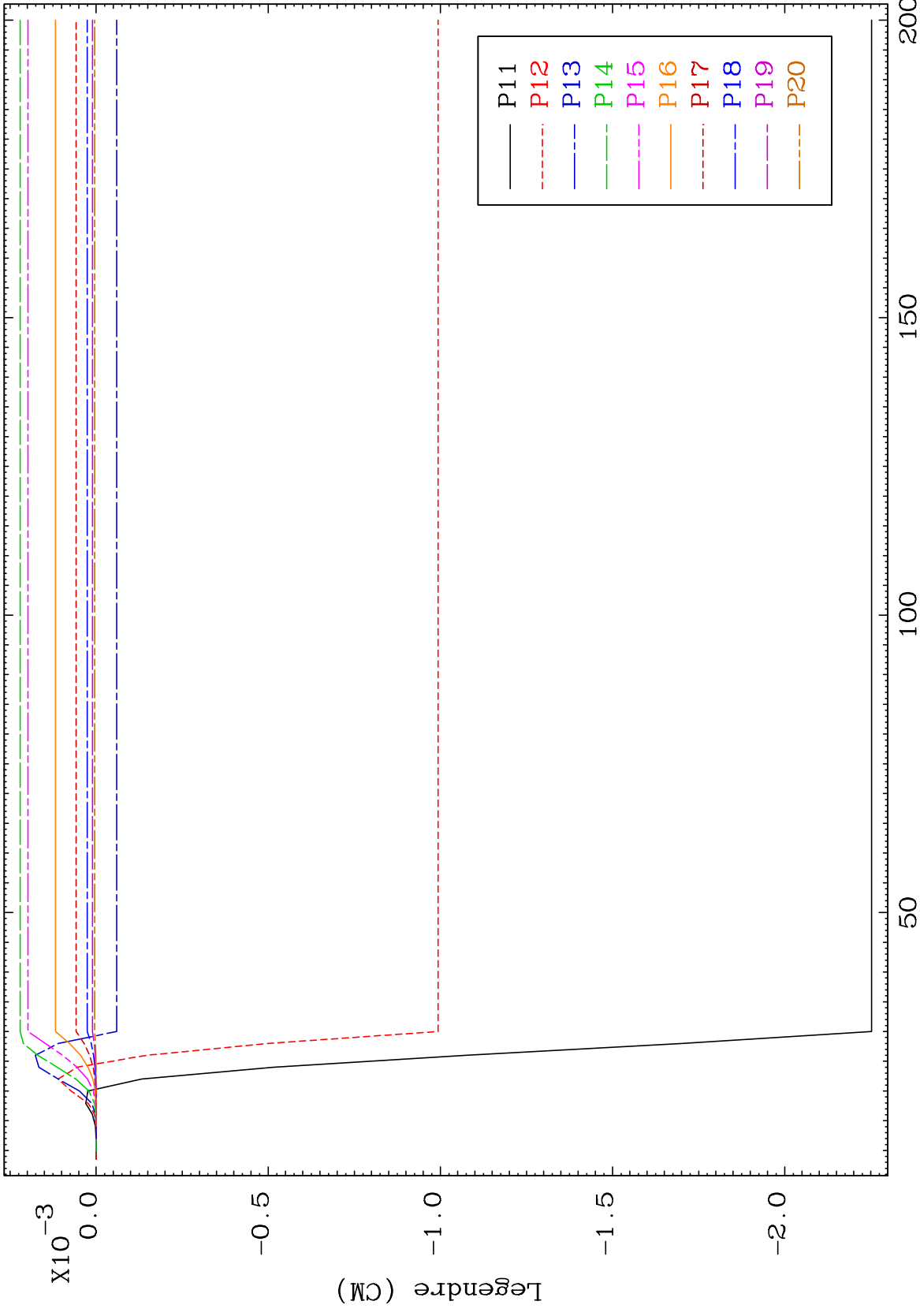


48 Incident Energy (MeV) 16-S -32

MAT 1625

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

16-S -32



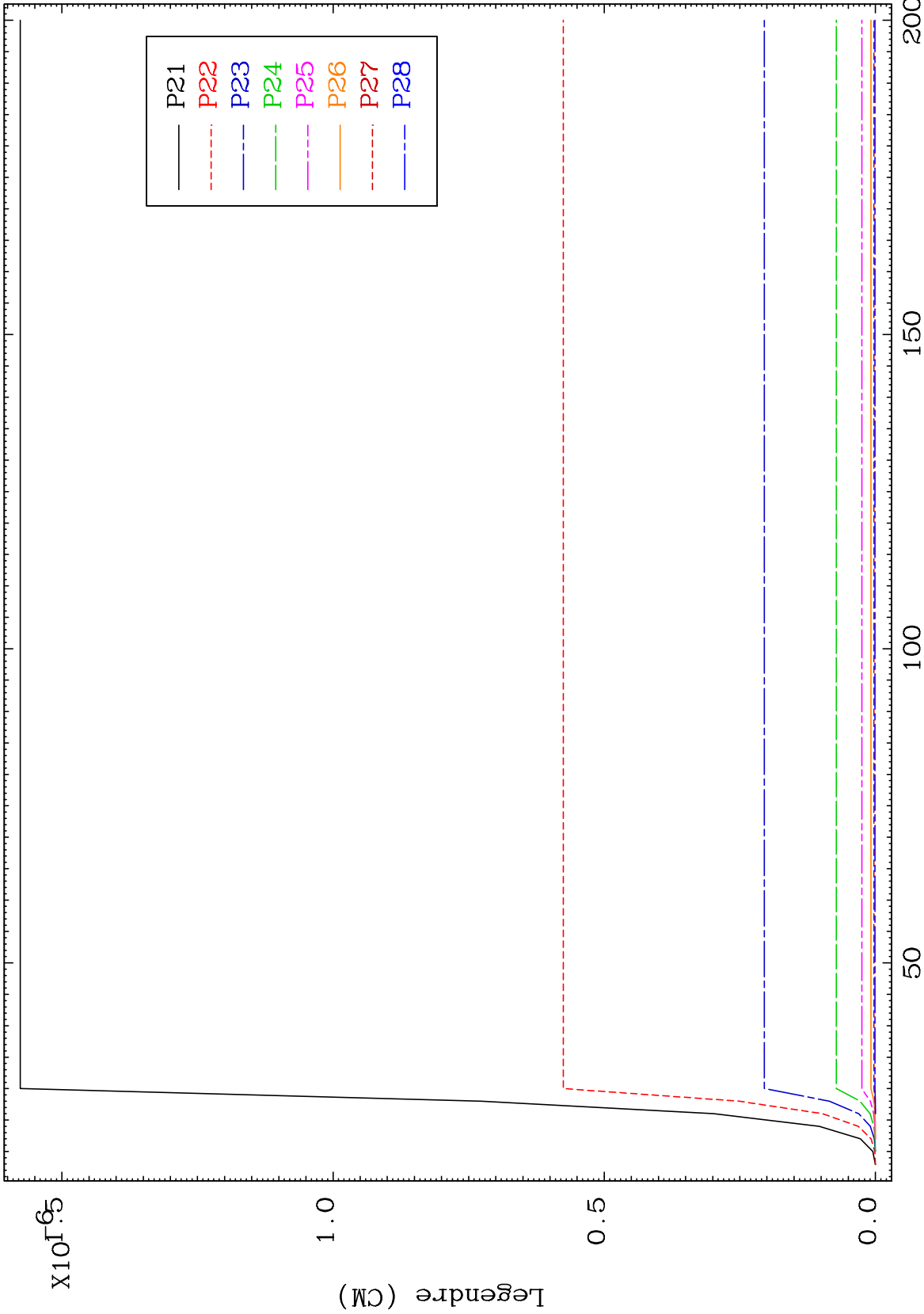
49

16-S -32

MAT 1625

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

16-S -32



50

50

100

150

200

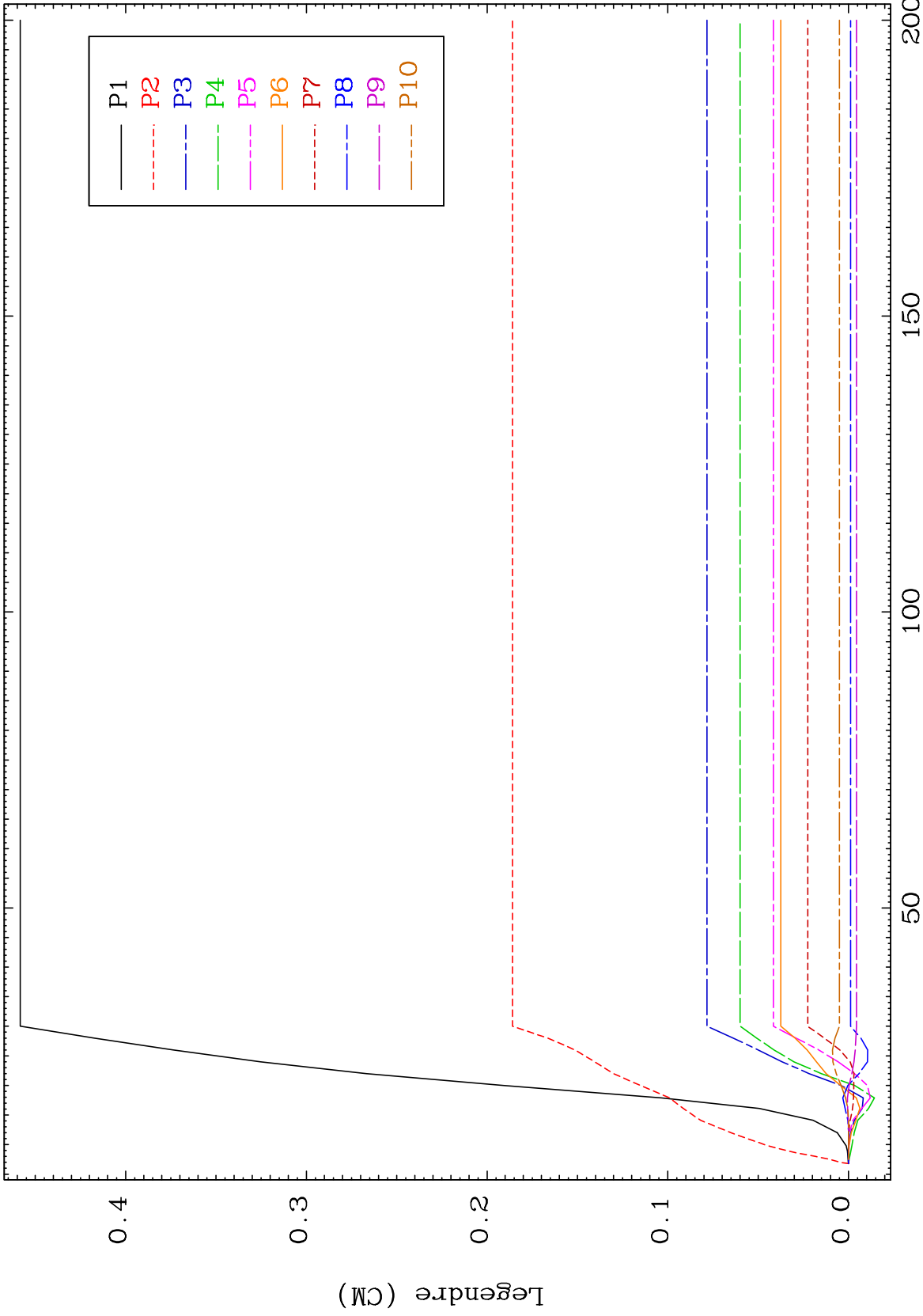
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32



51

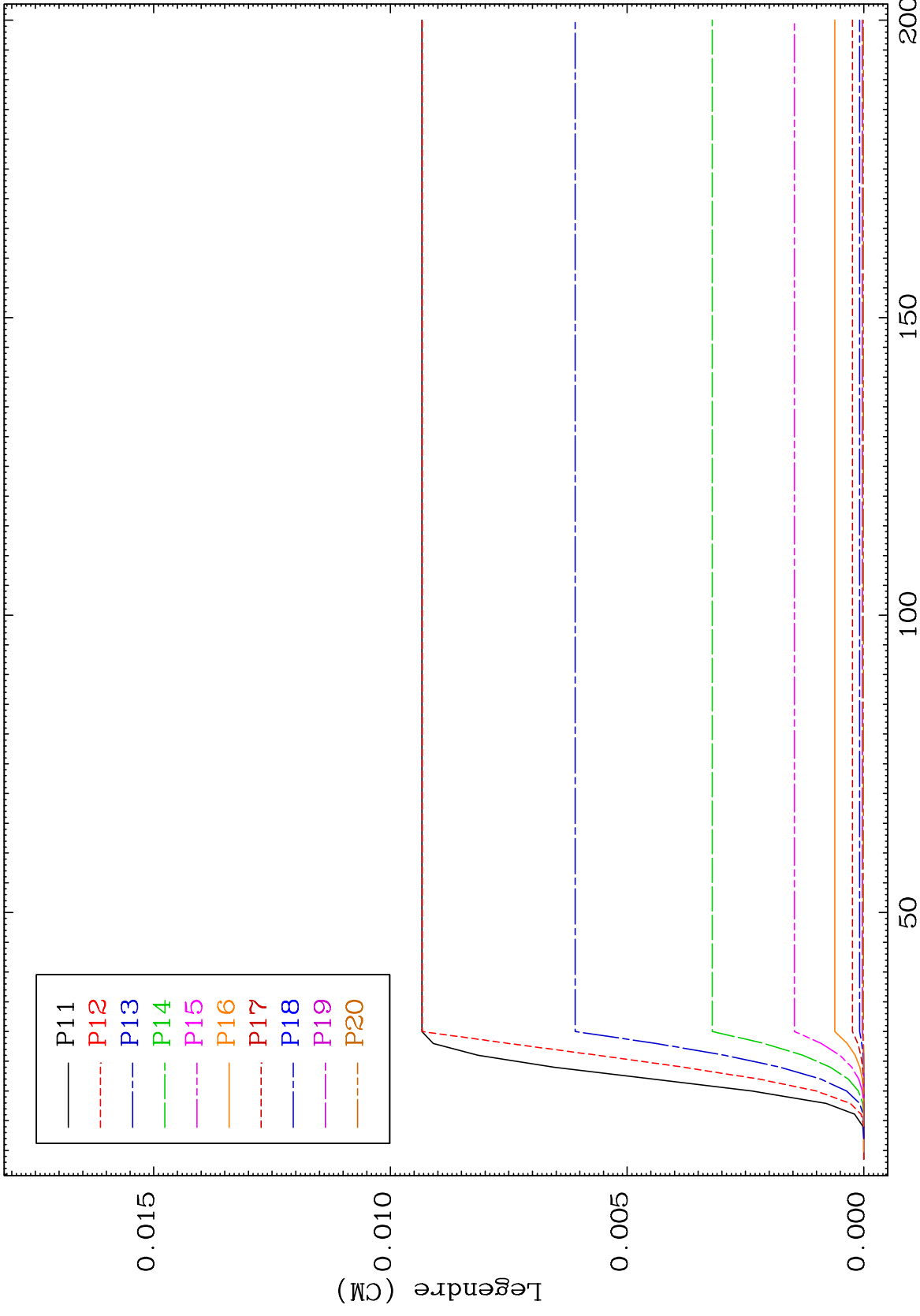
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32



52

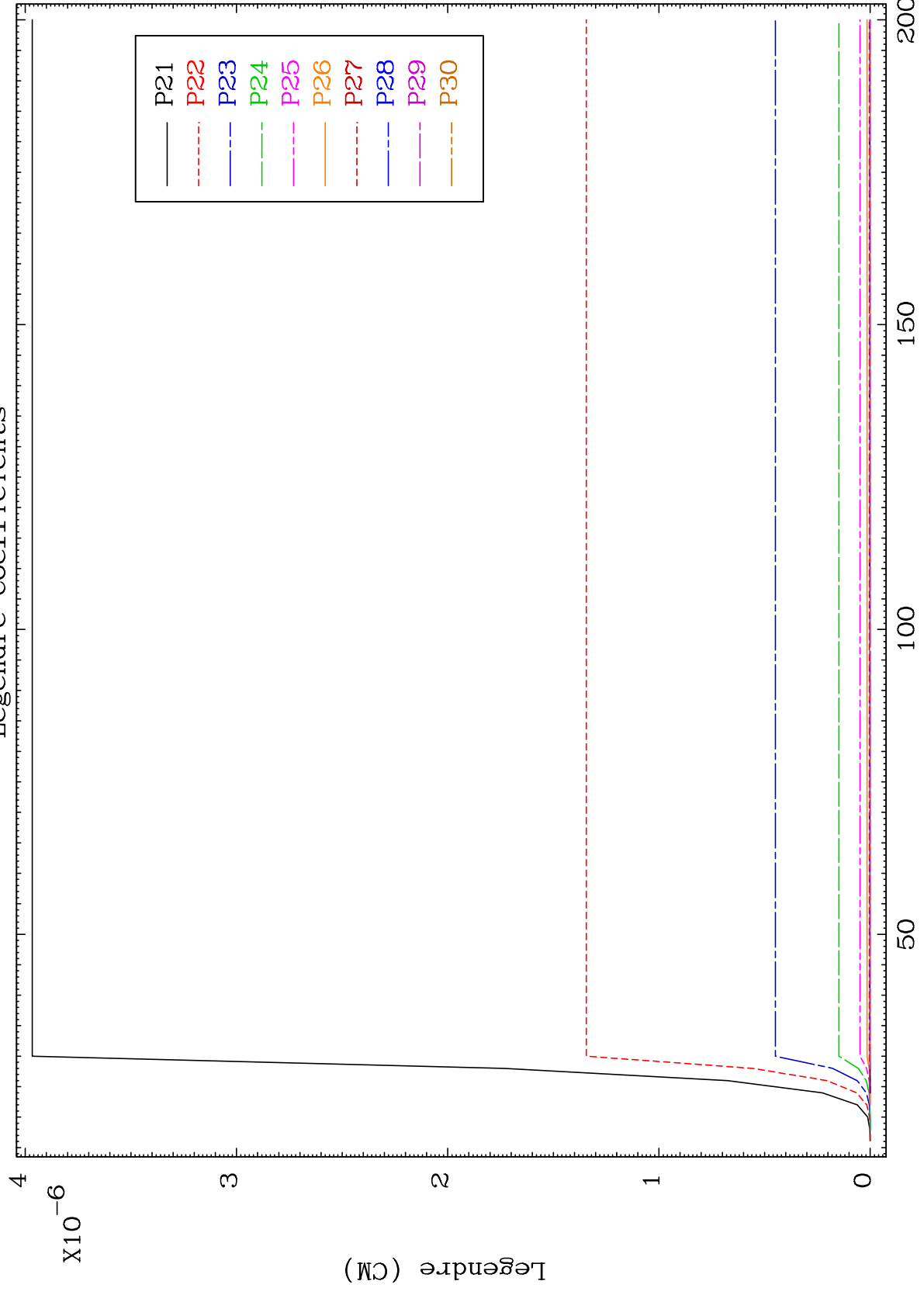
Incident Energy (MeV)

16-S -32

MAT 1625

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

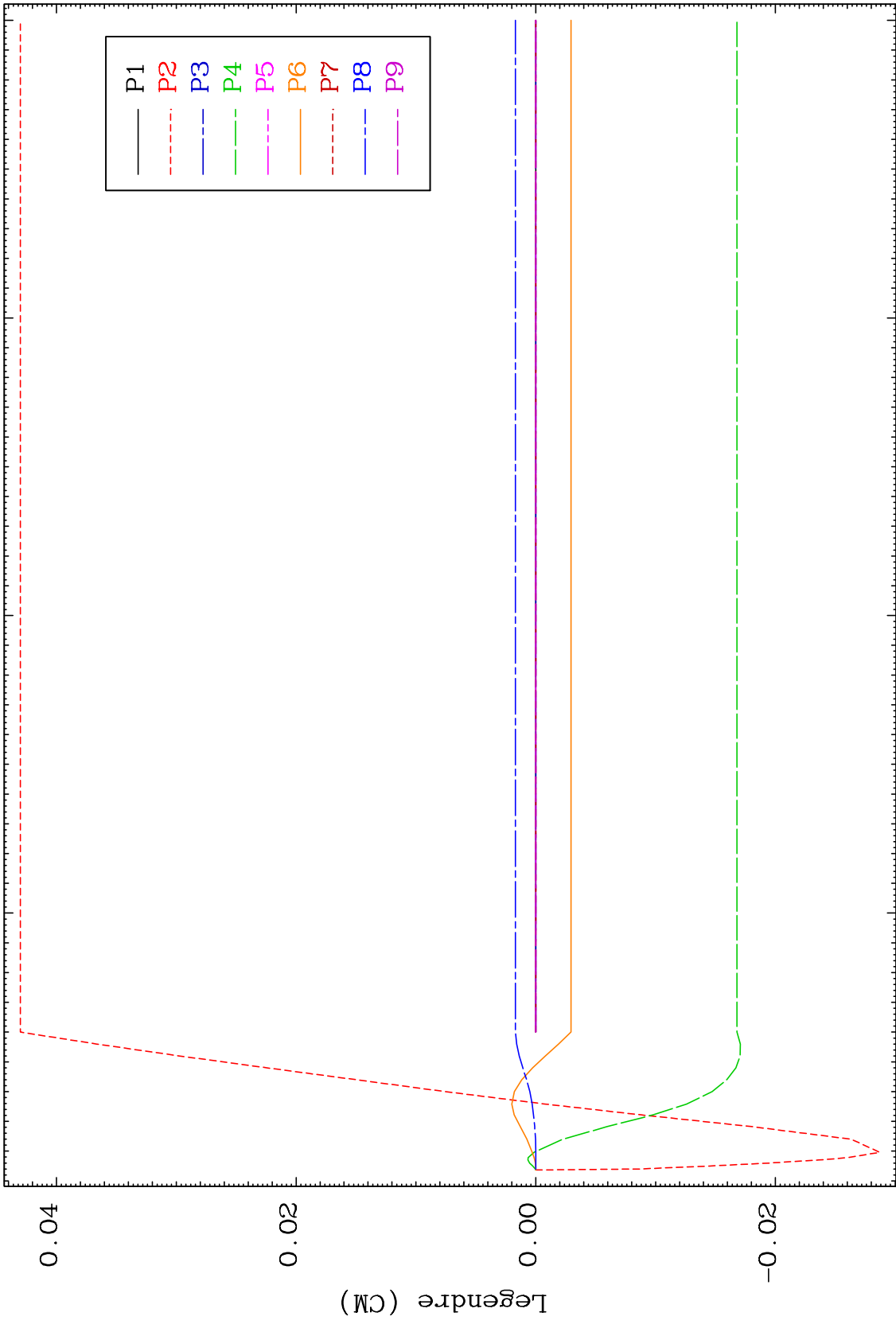
16-S -32



53

16-S -32

MAT 1625 MT= 63 (n,n') Level Legendre Coefficients 16-S -32

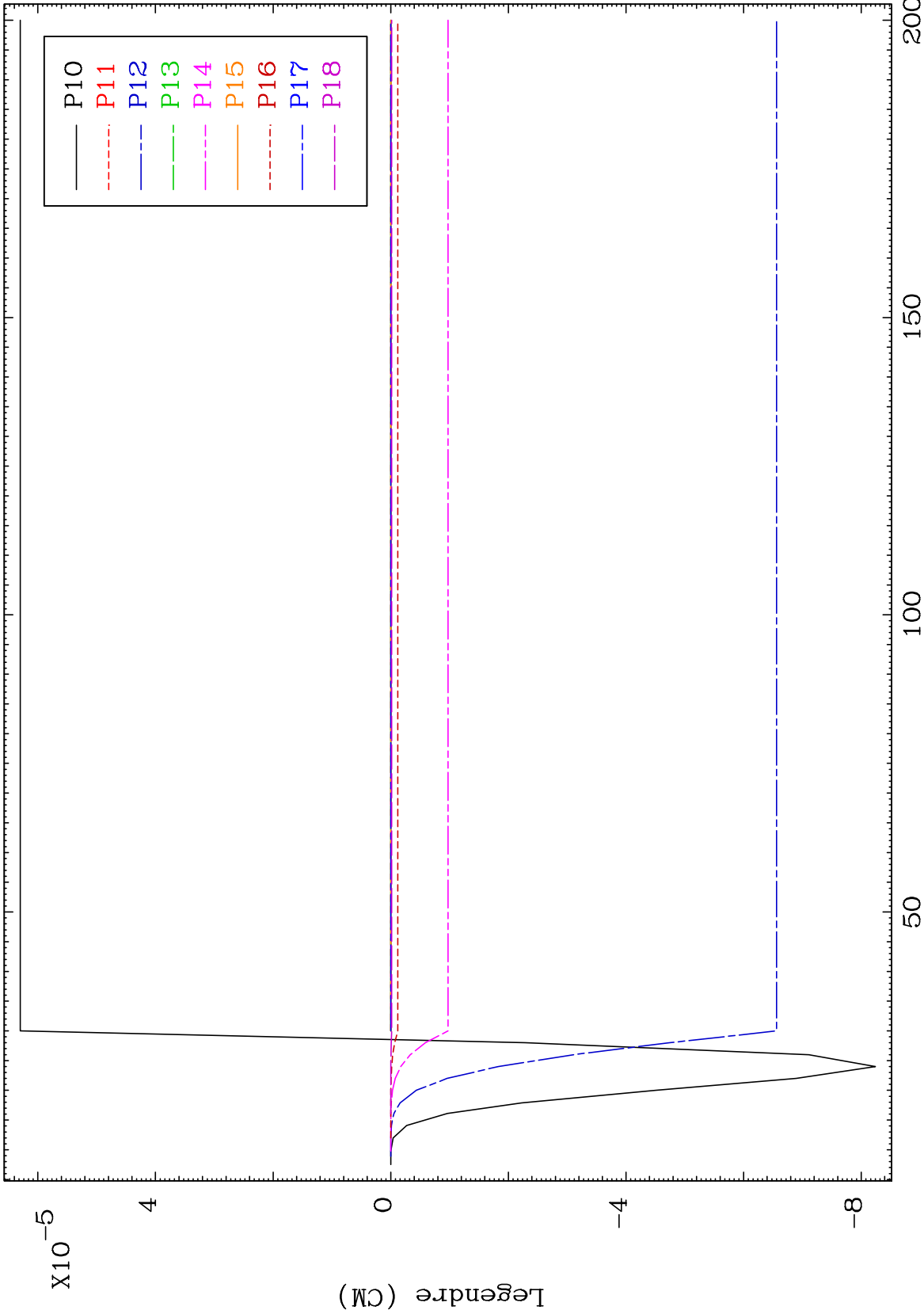


54 Incident Energy (MeV) 16-S -32

MAT 1625

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

16-S -32

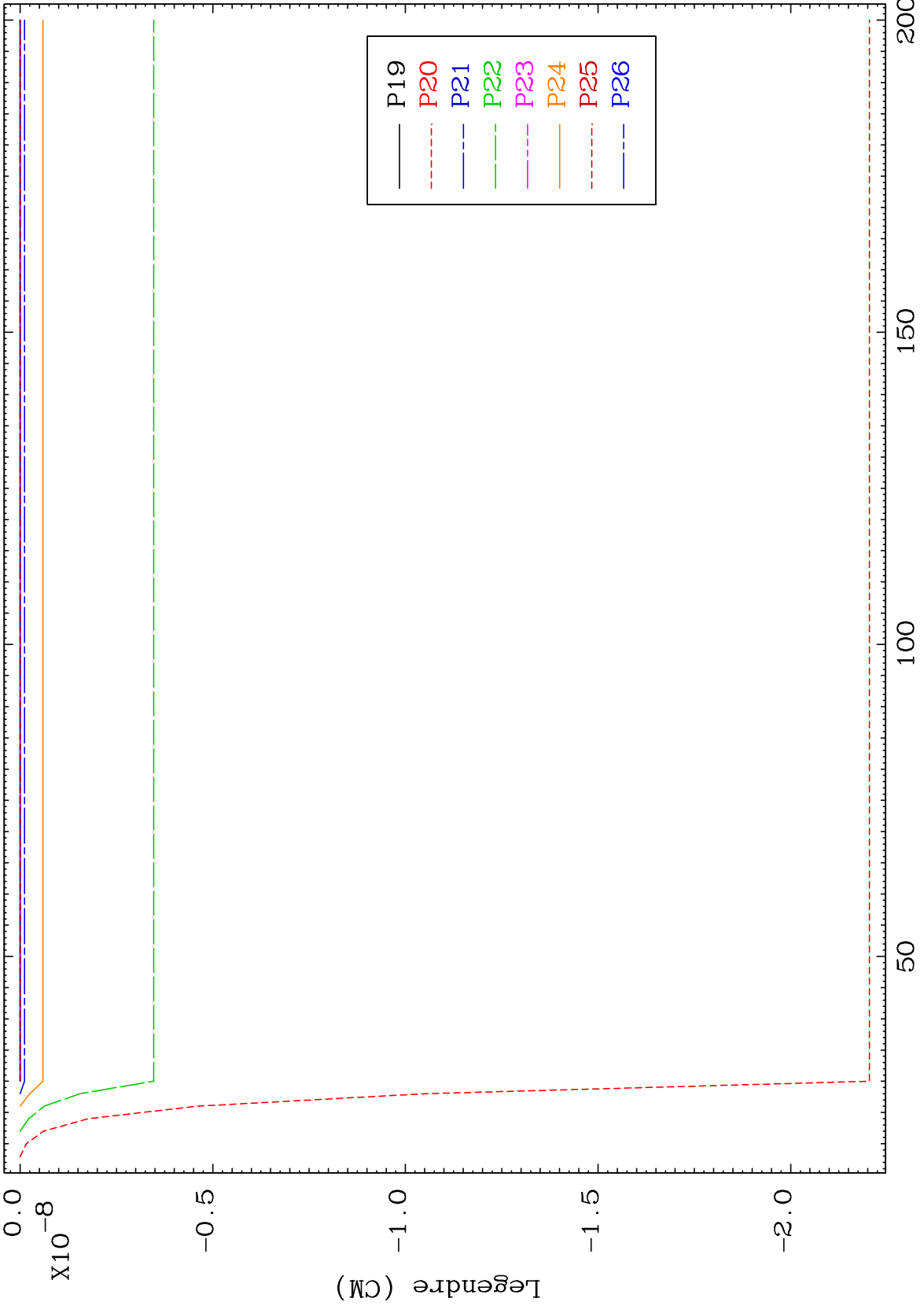


55

Incident Energy (MeV)

16-S -32

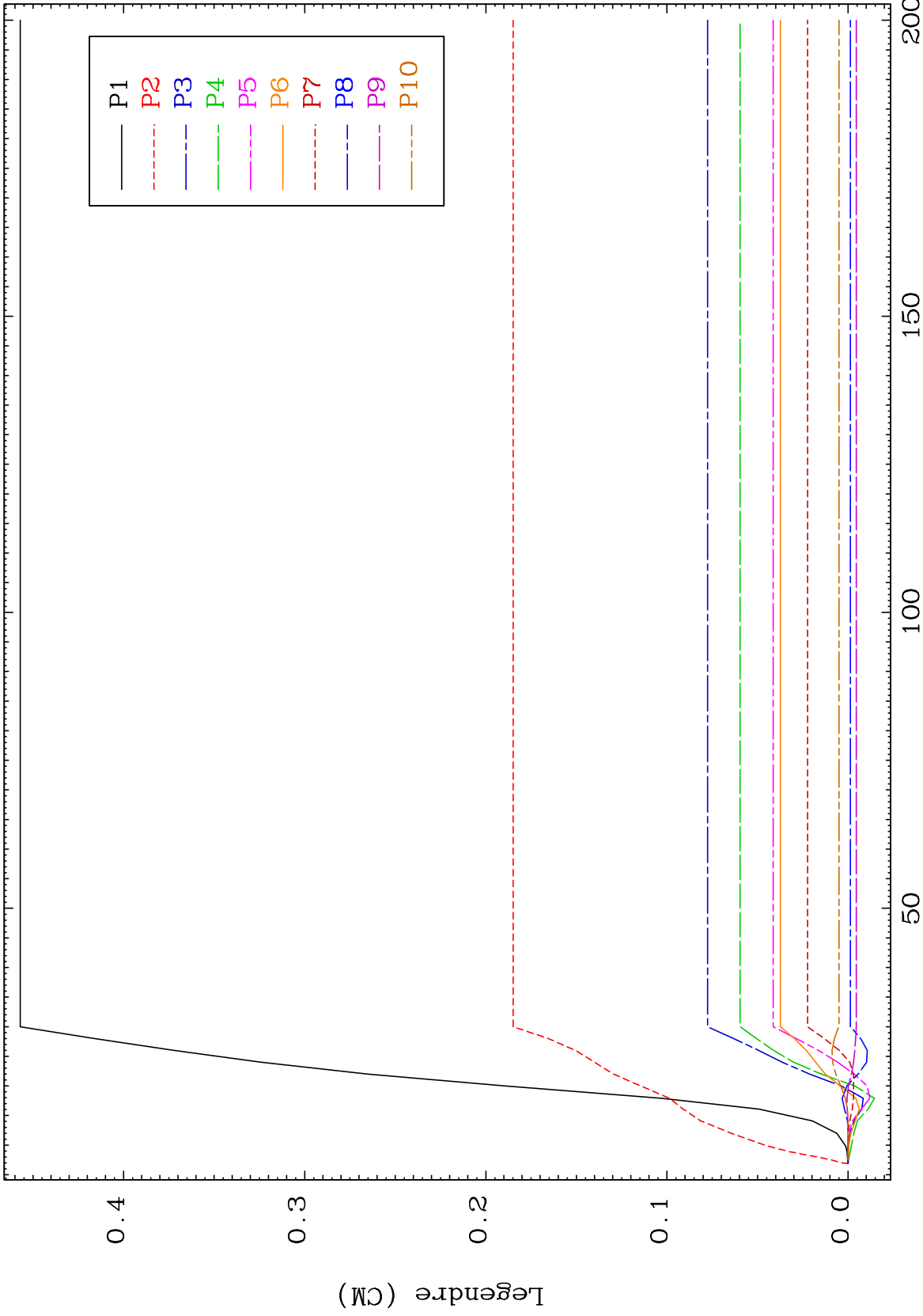
MAT 1625 MT= 63 (n,n') Level Legendre Coefficients 16-S -32



MAT 1625

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

16-S -32



57

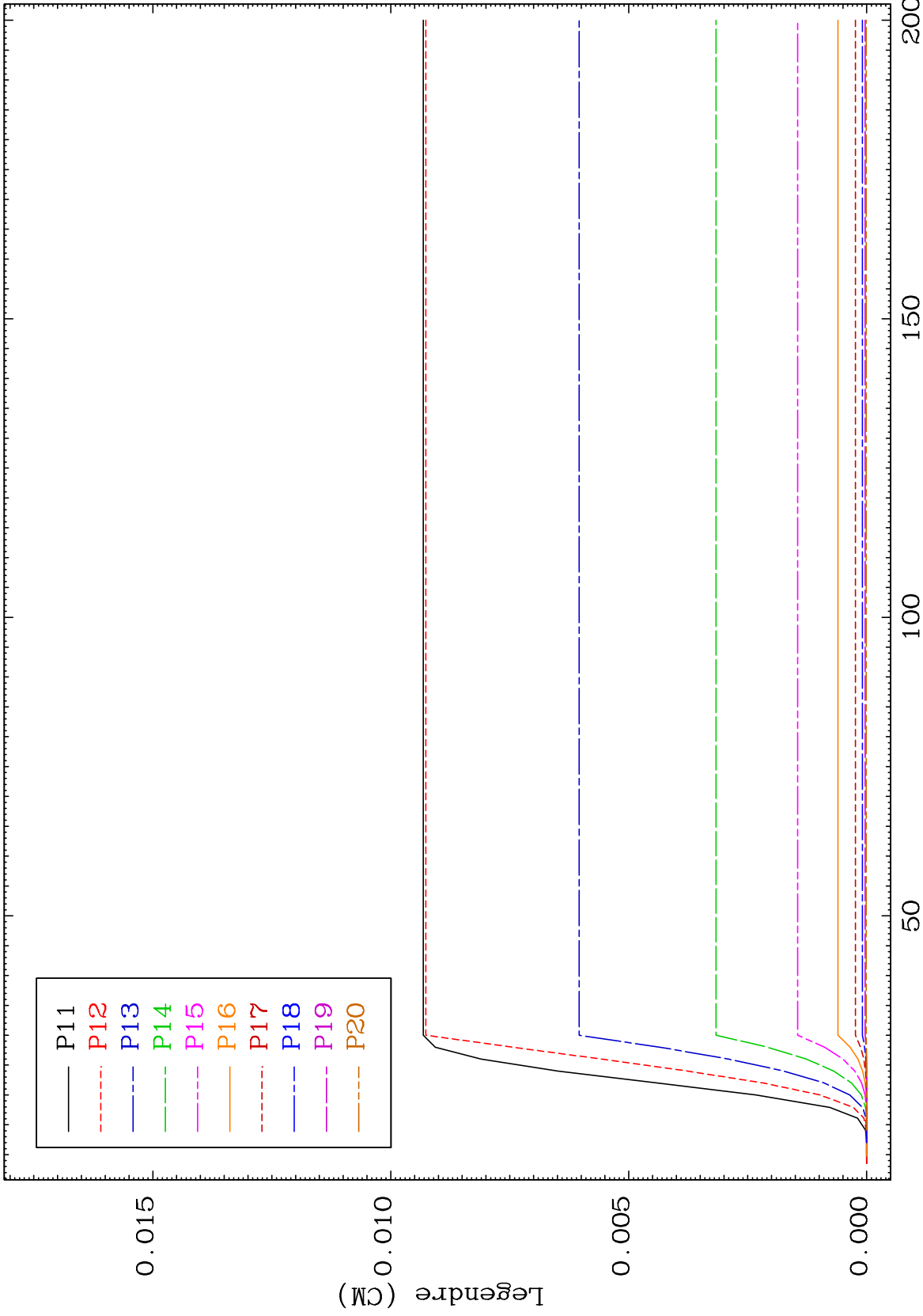
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32



58

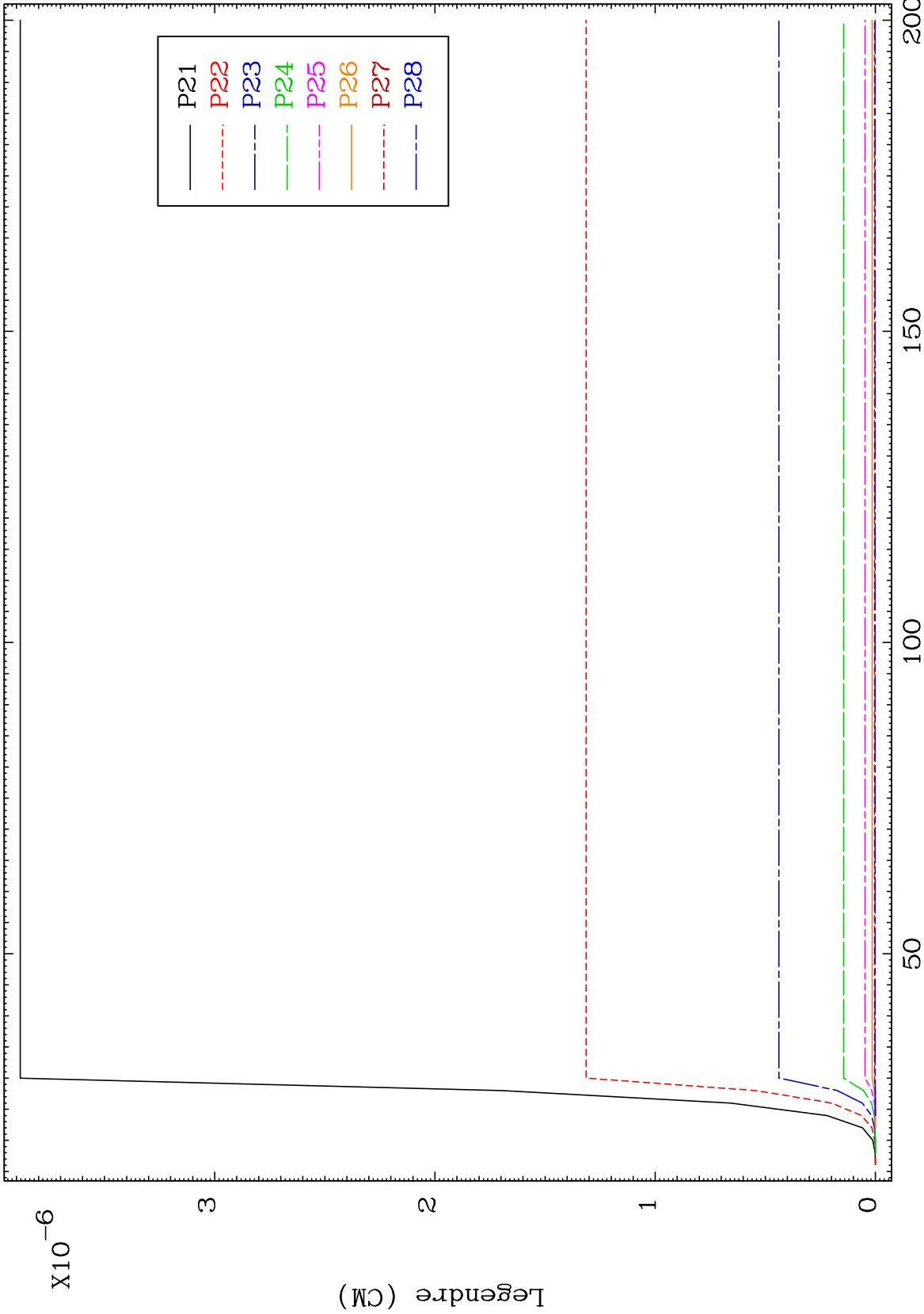
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32



59

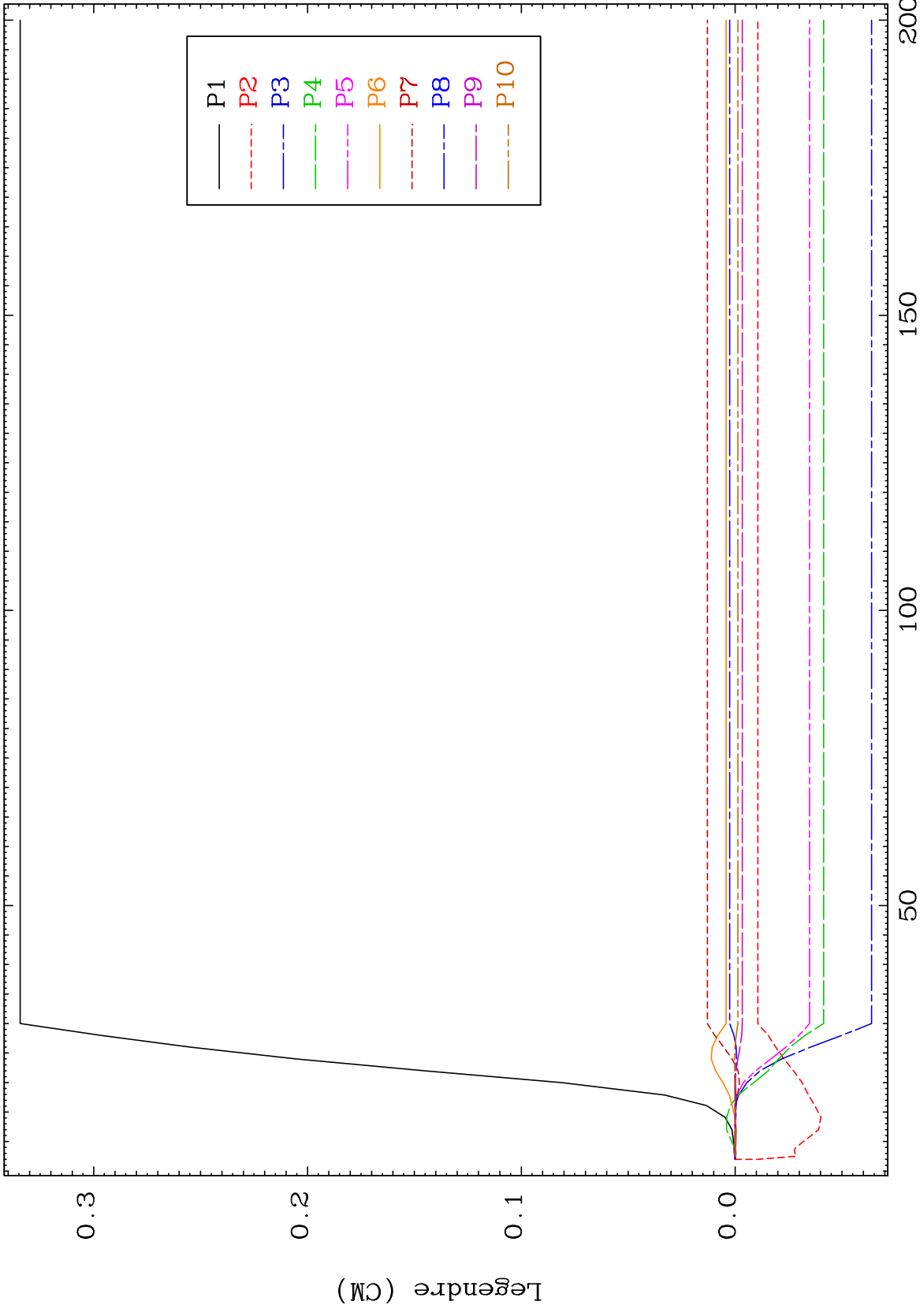
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32

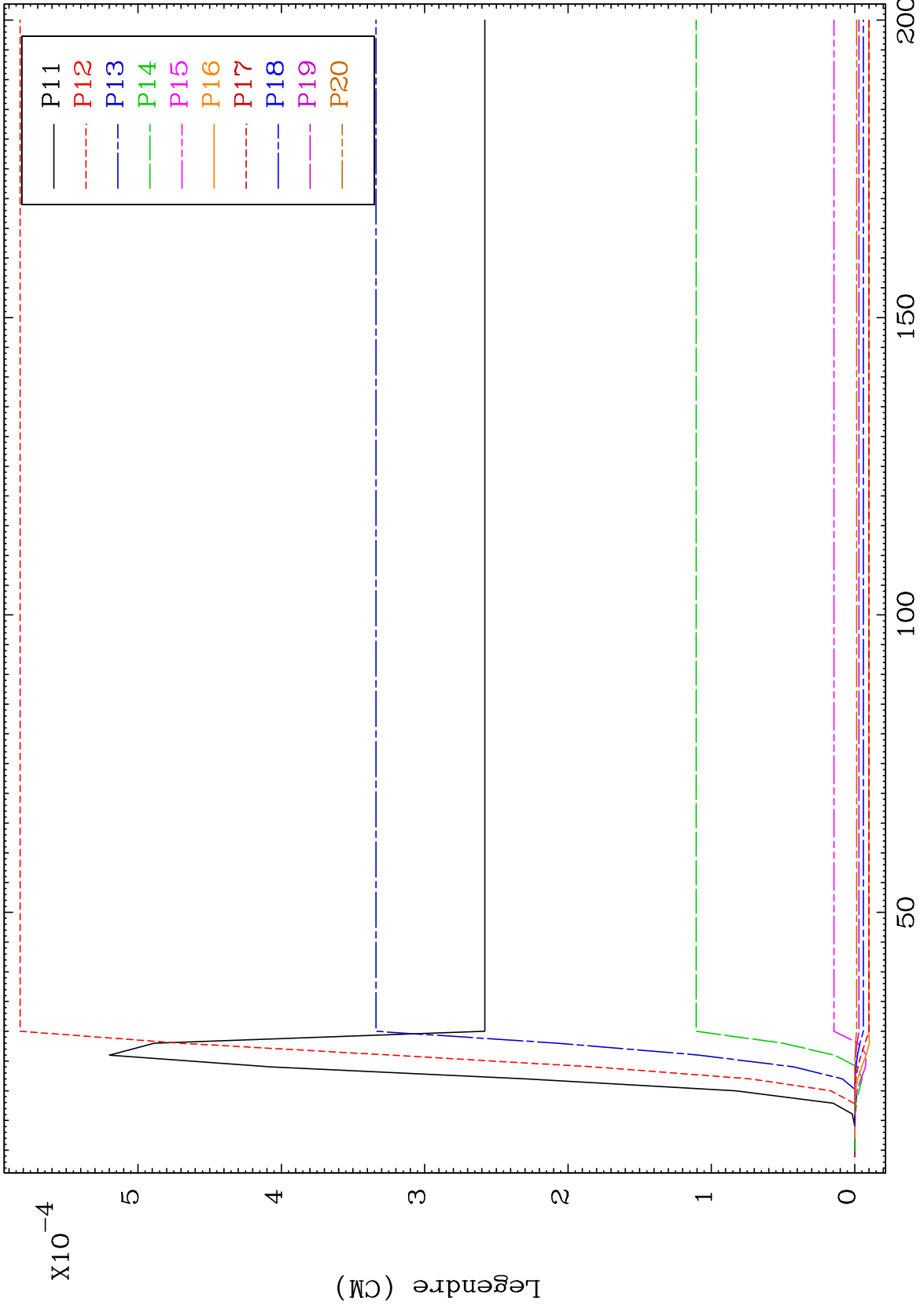


60

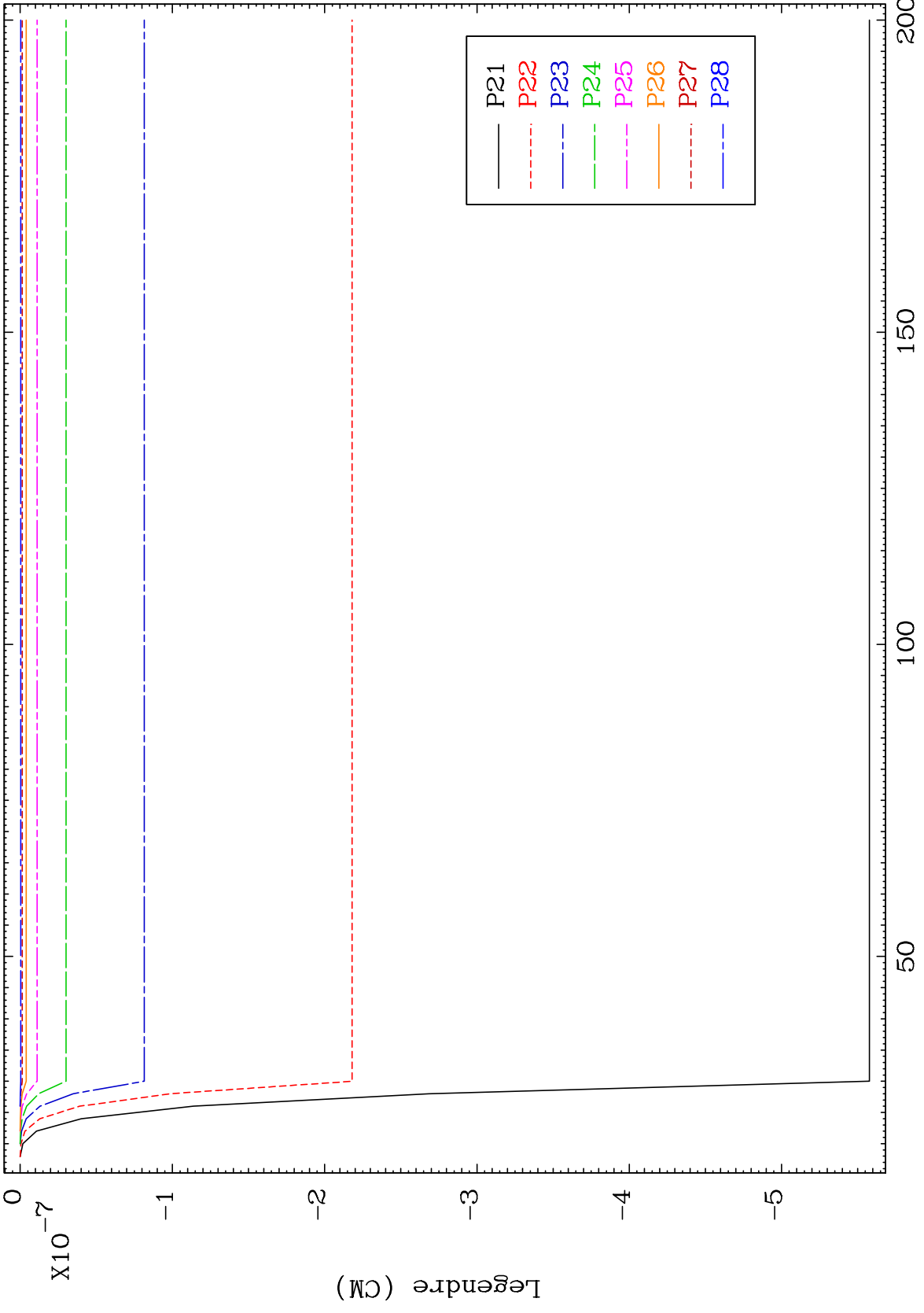
Incident Energy (MeV)

16-S -32

MAT 1625 MT= 65 (n,n') Level Legendre Coefficients 16-S -32

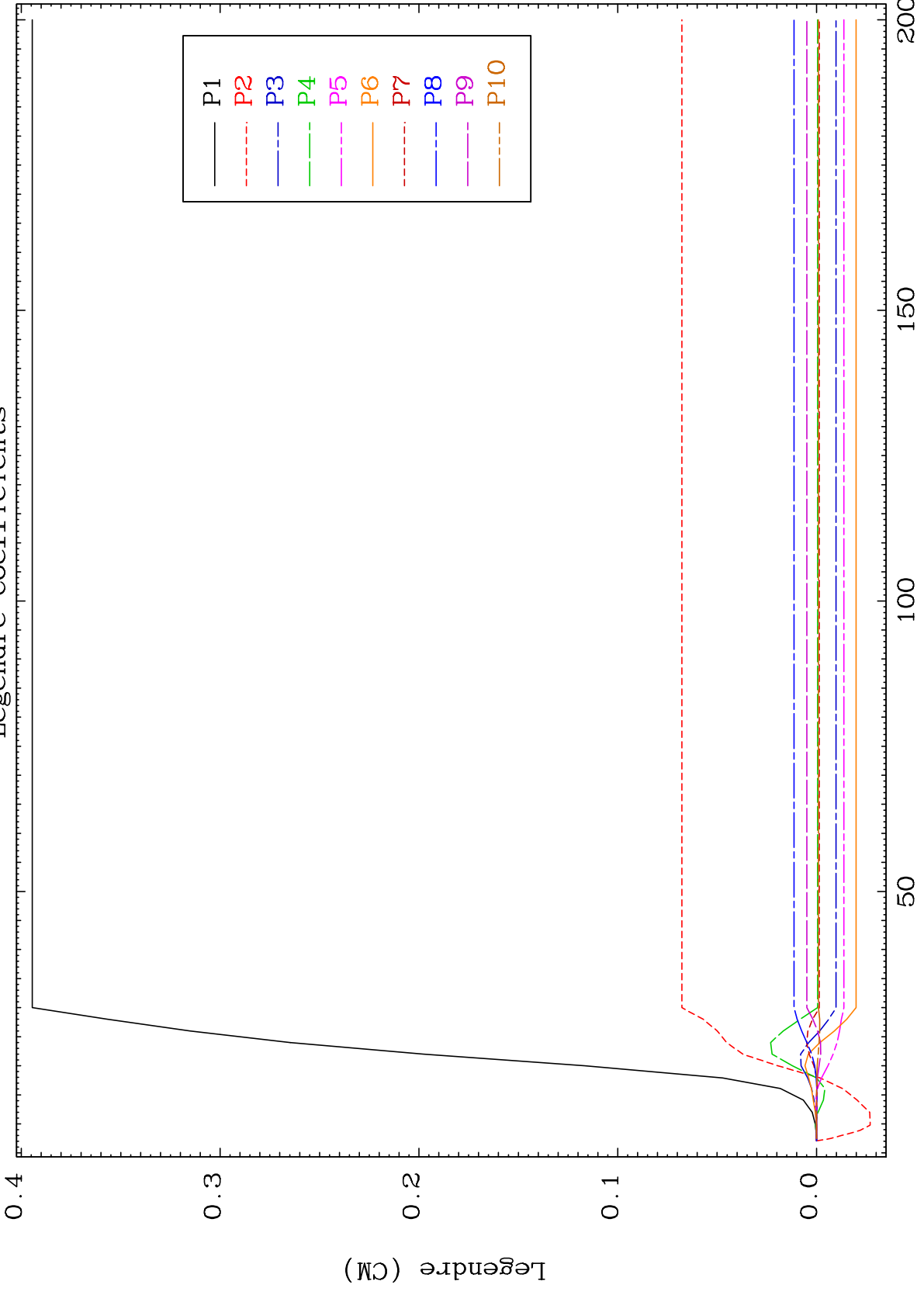


MAT 1625 MT= 65 (n,n') Level Legendre Coefficients 16-S -32



62 16-S -32

MAT 1625 MT= 66 (n,n') Level Legendre Coefficients 16-S -32

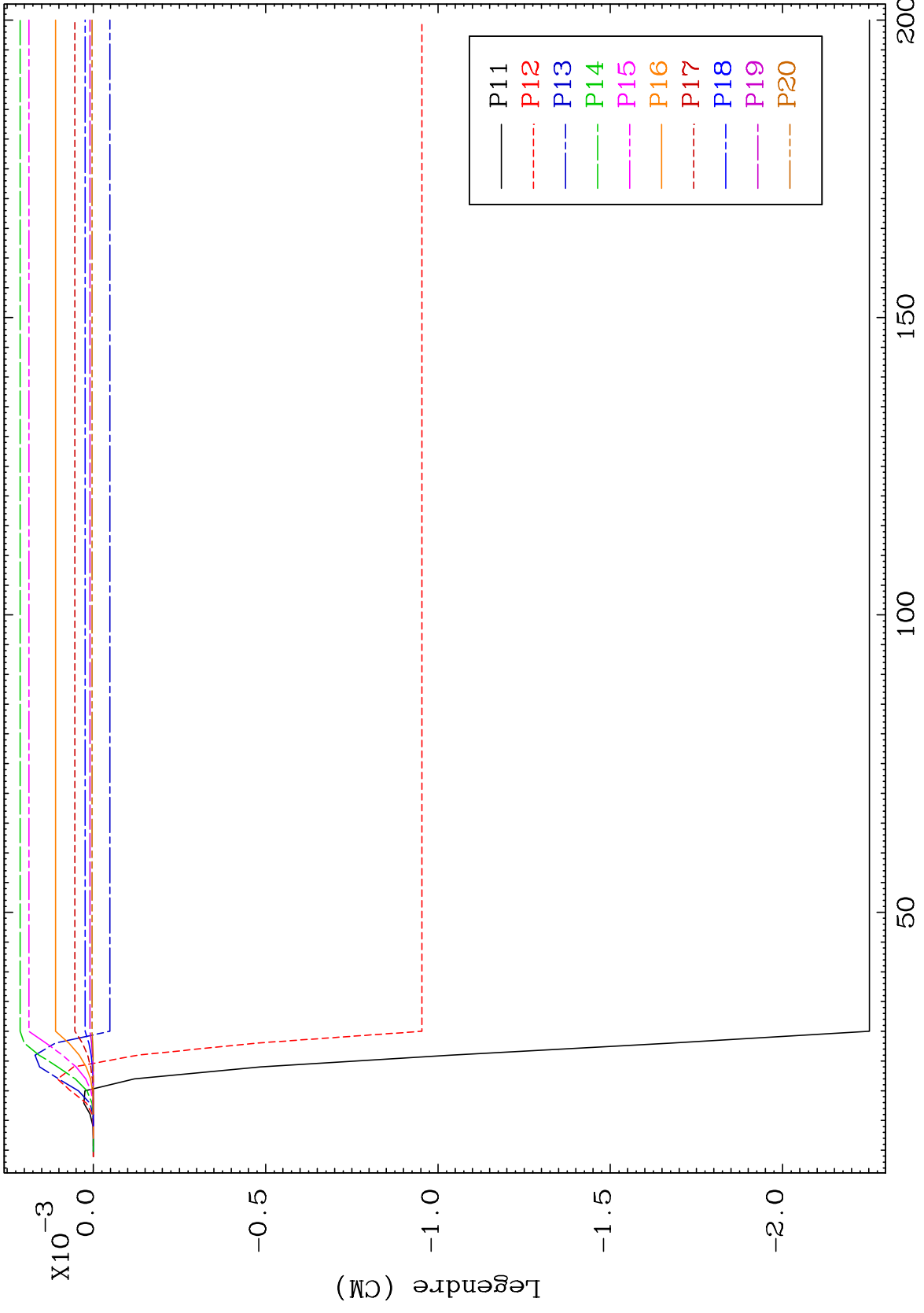


16-S -32

Incident Energy (MeV)

63

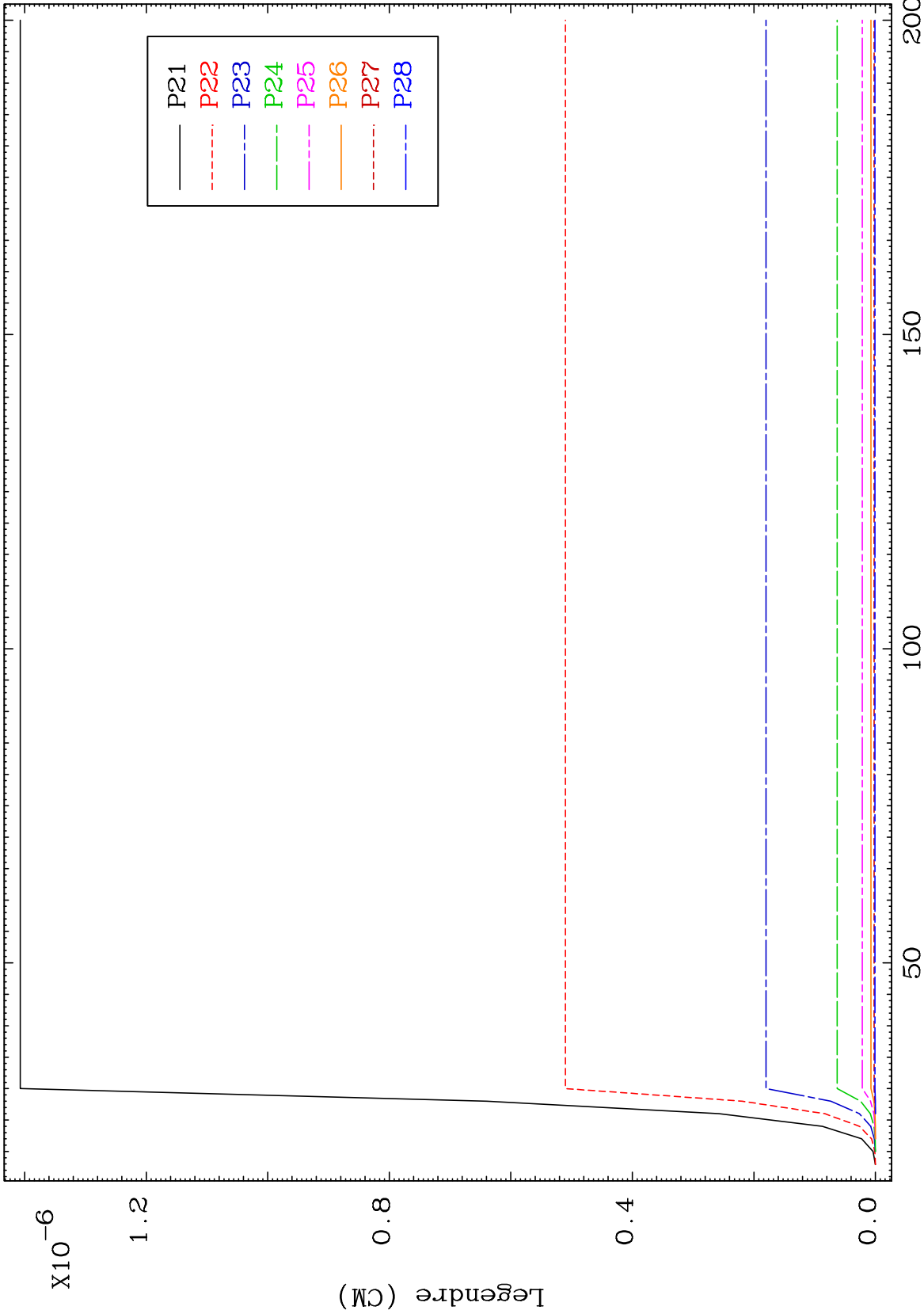
MAT 1625 MT= 66 (n,n') Level Legendre Coefficients 16-S -32



MAT 1625

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

16-S -32

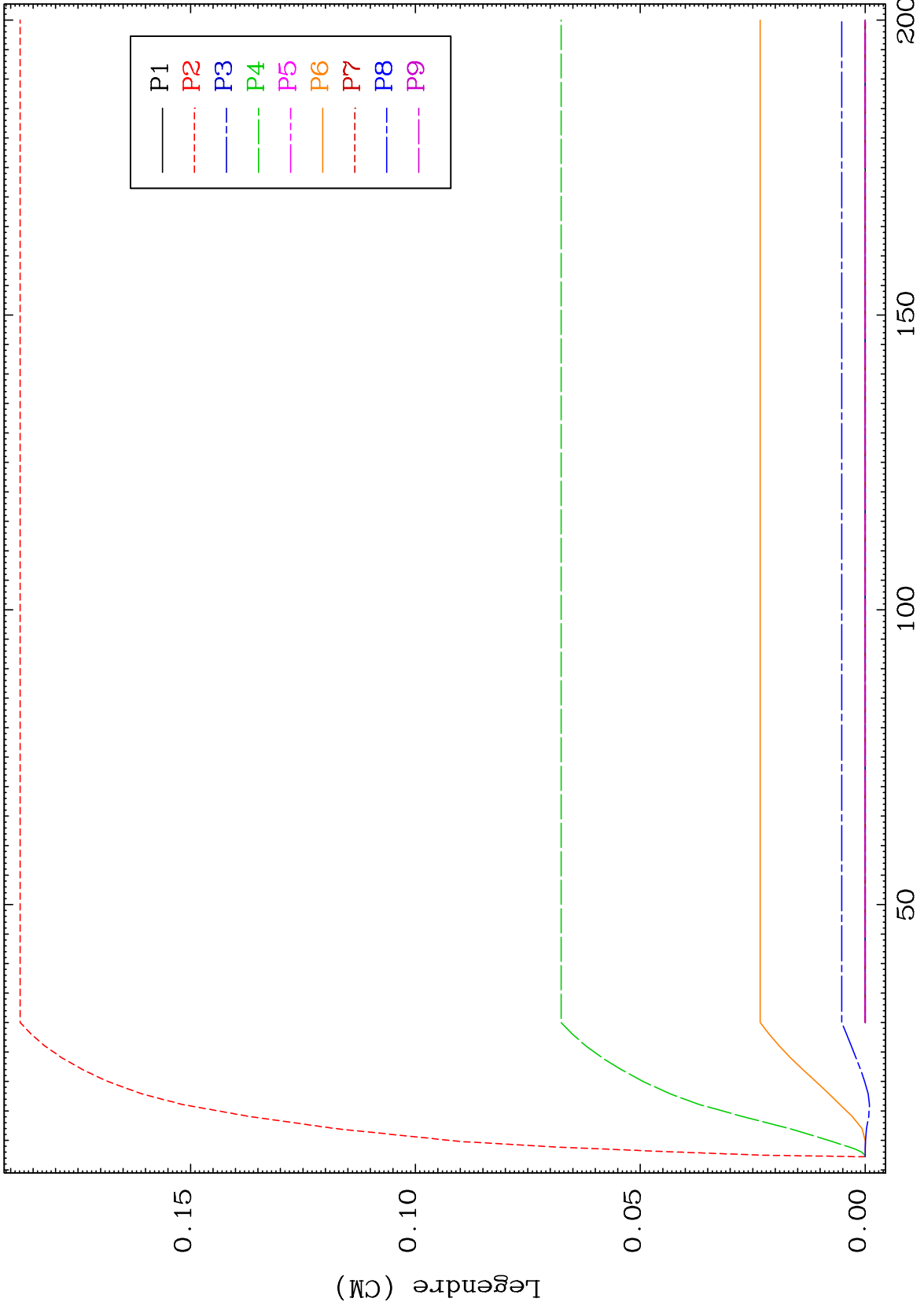


65

Incident Energy (MeV)

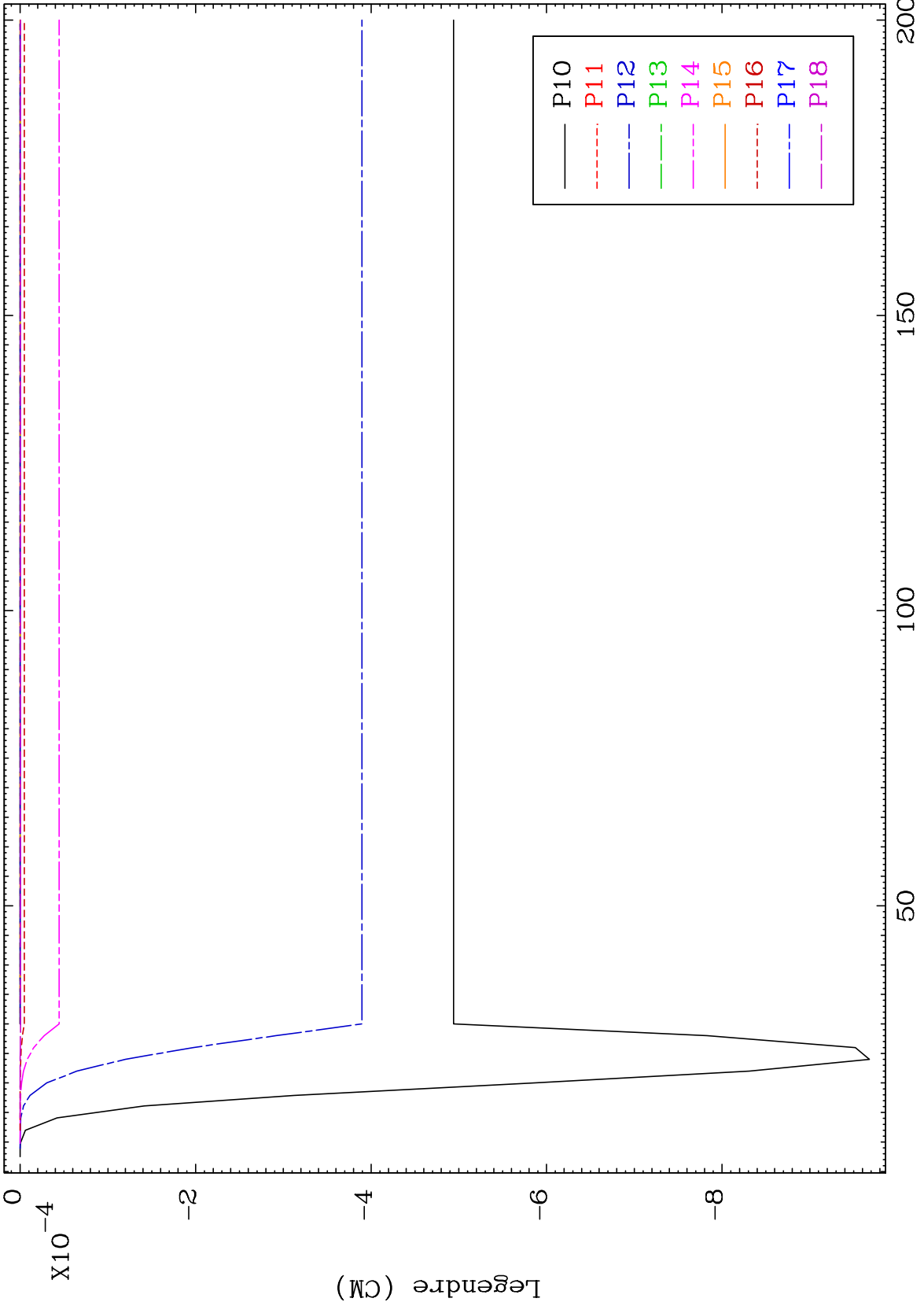
16-S -32

MAT 1625 MT= 67 (n,n') Level Legendre Coefficients 16-S -32



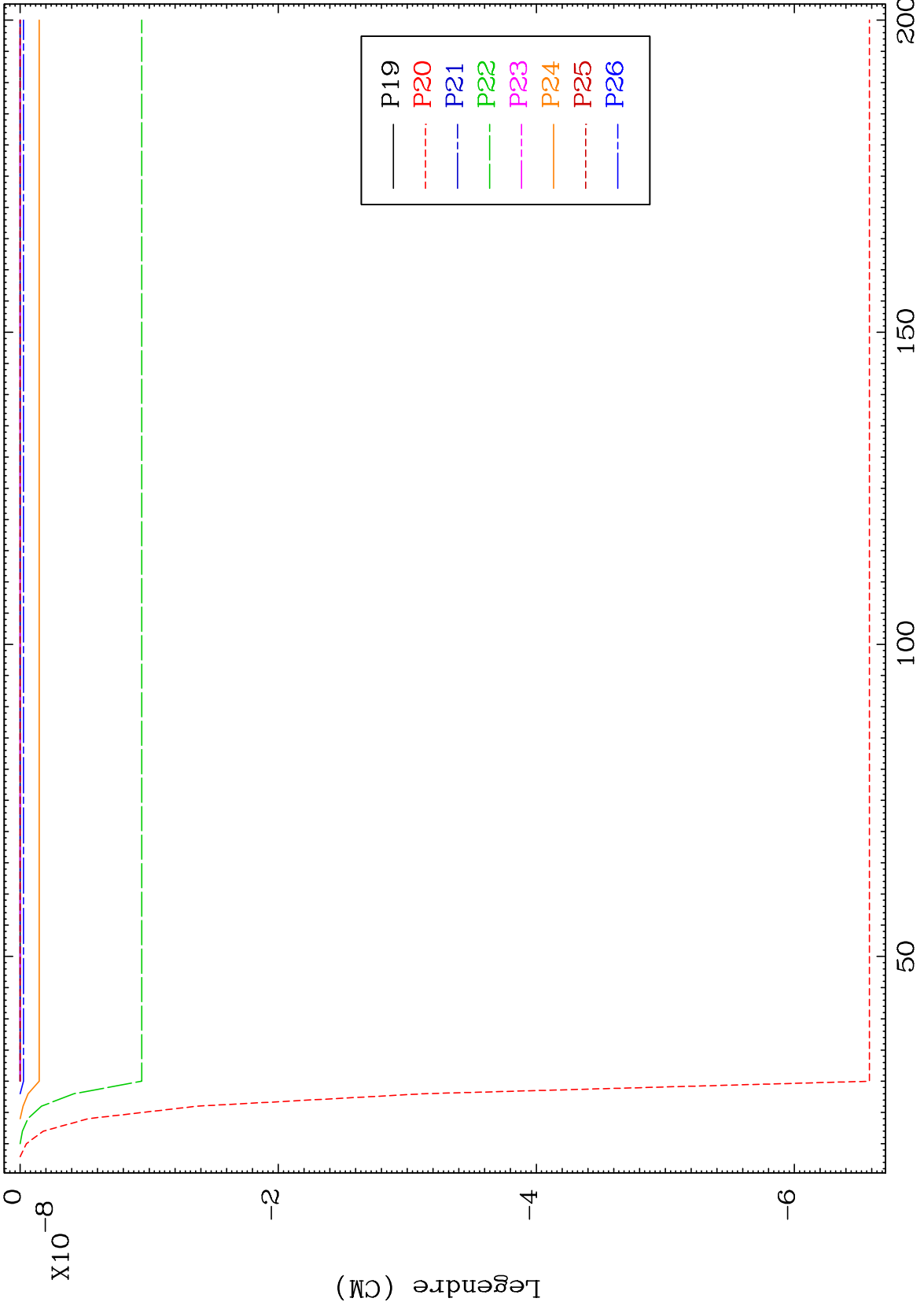
66 Incident Energy (MeV) 16-S -32

MAT 1625 MT= 67 (n,n') Level Legendre Coefficients 16-S -32



67 16-S -32

MAT 1625 MT= 67 (n,n') Level Legendre Coefficients 16-S -32

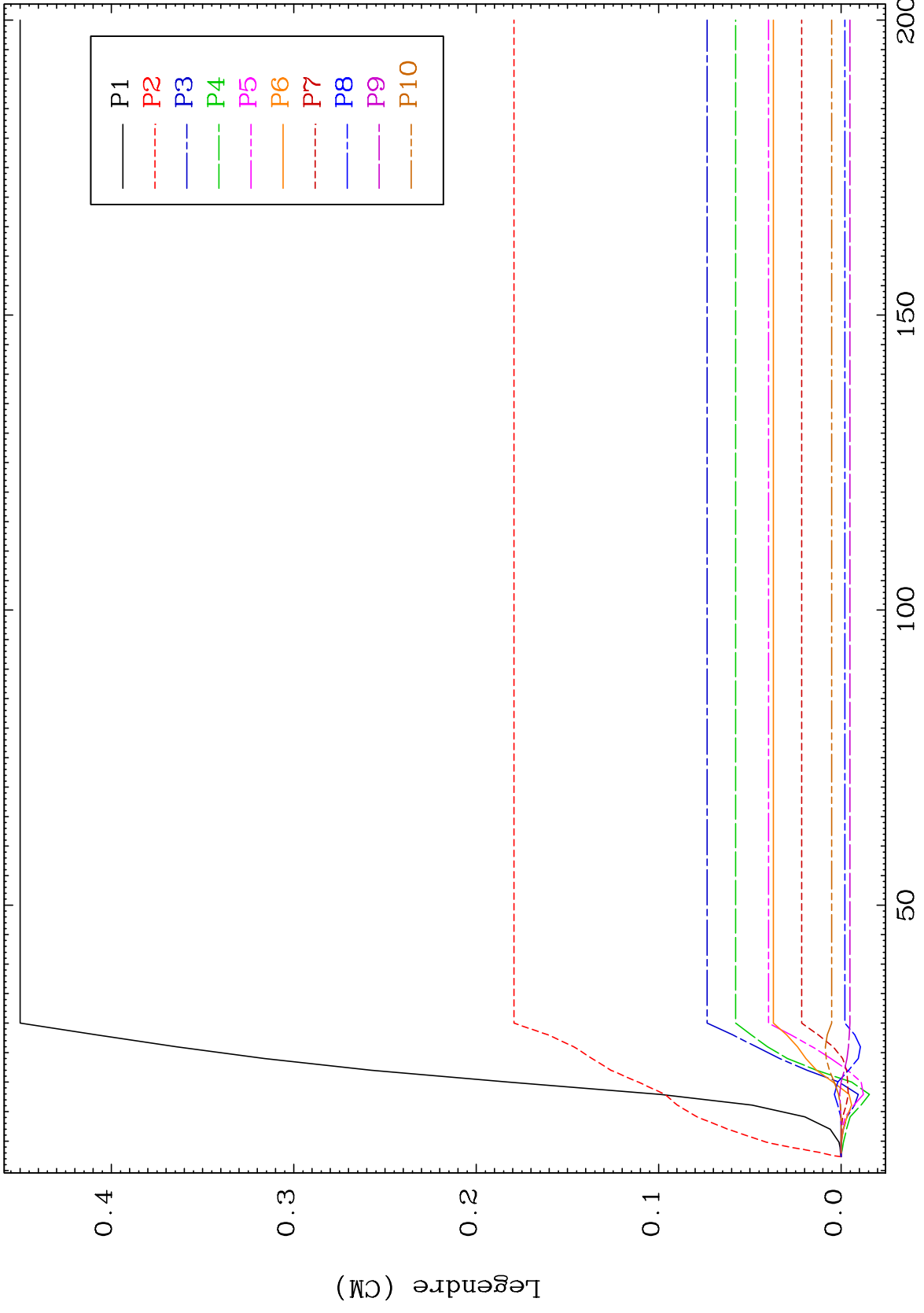


68 16-S -32

MAT 1625

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

16-S -32



69

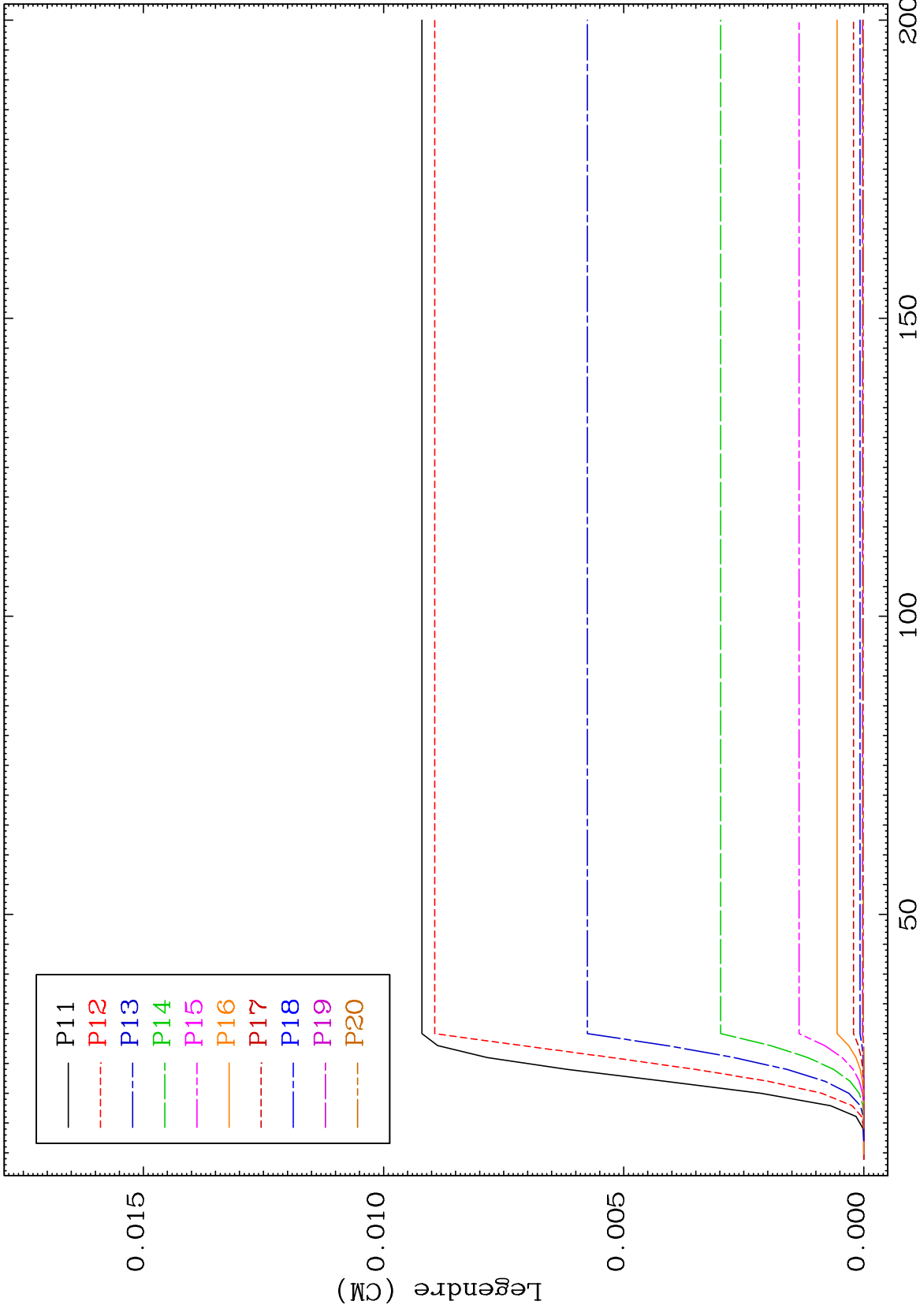
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32



70

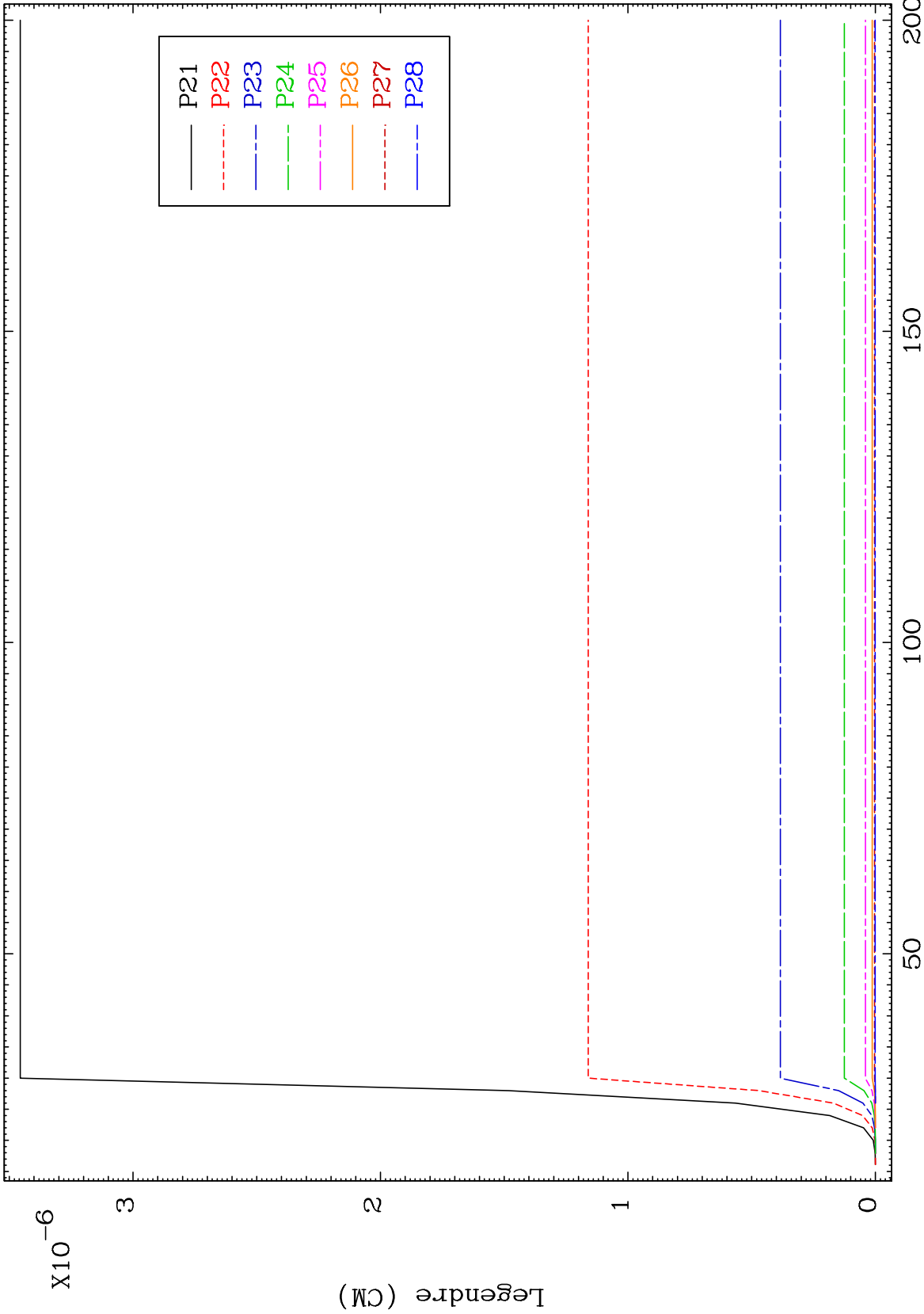
Incident Energy (MeV)

16-S -32

MAT 1625

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

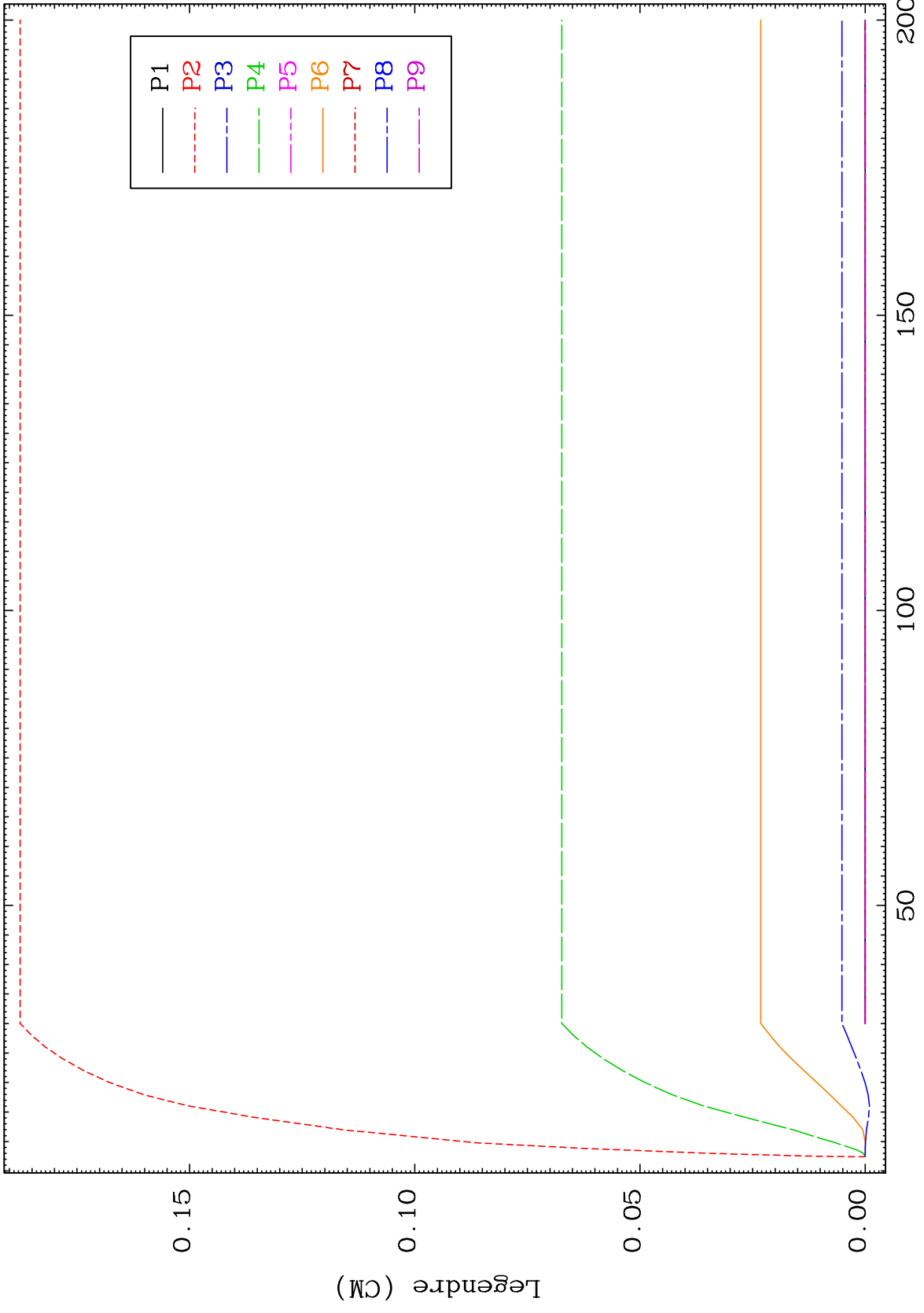
16-S -32



71

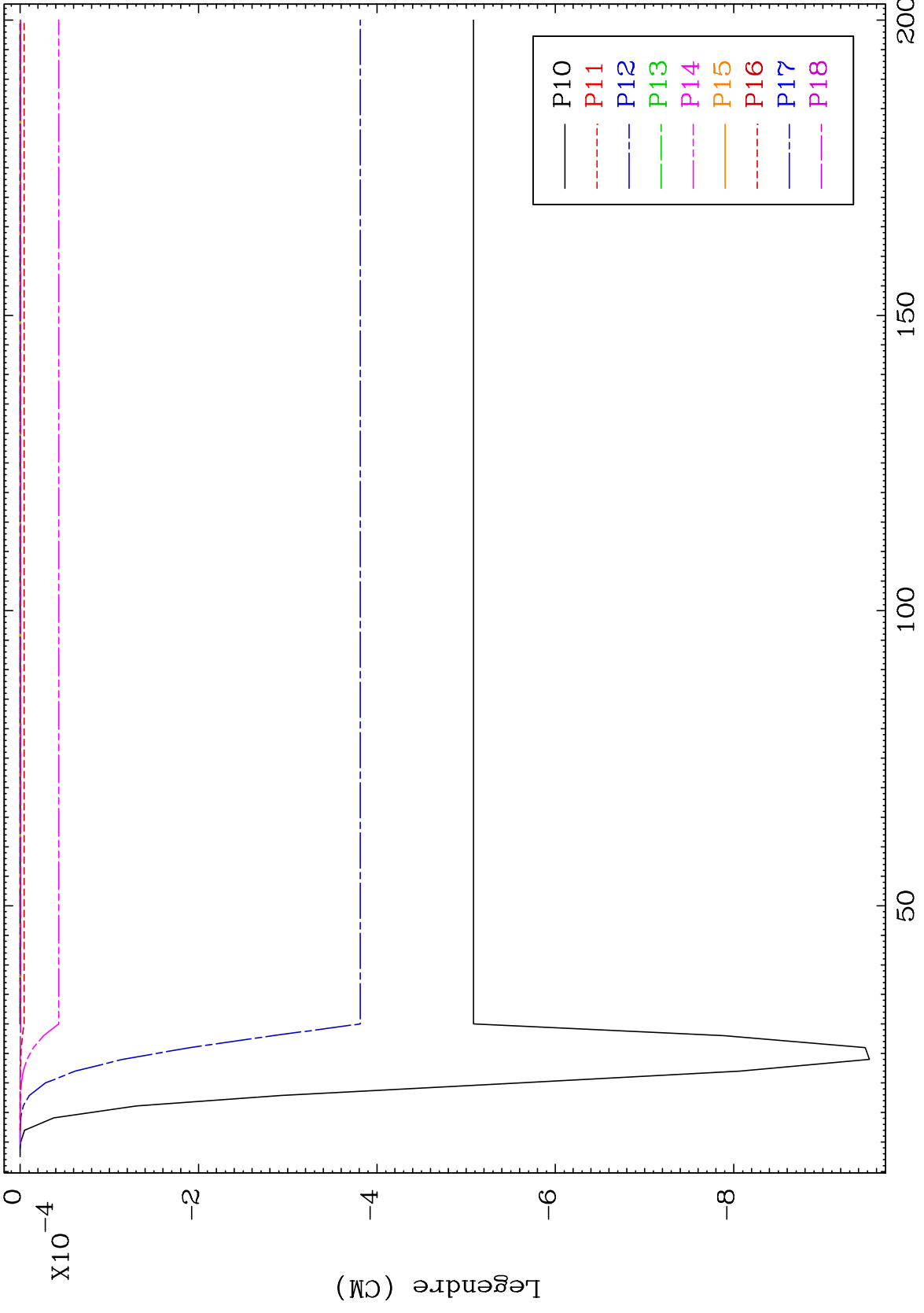
16-S -32

MAT 1625 MT= 69 (n,n') Level Legendre Coefficients 16-S -32



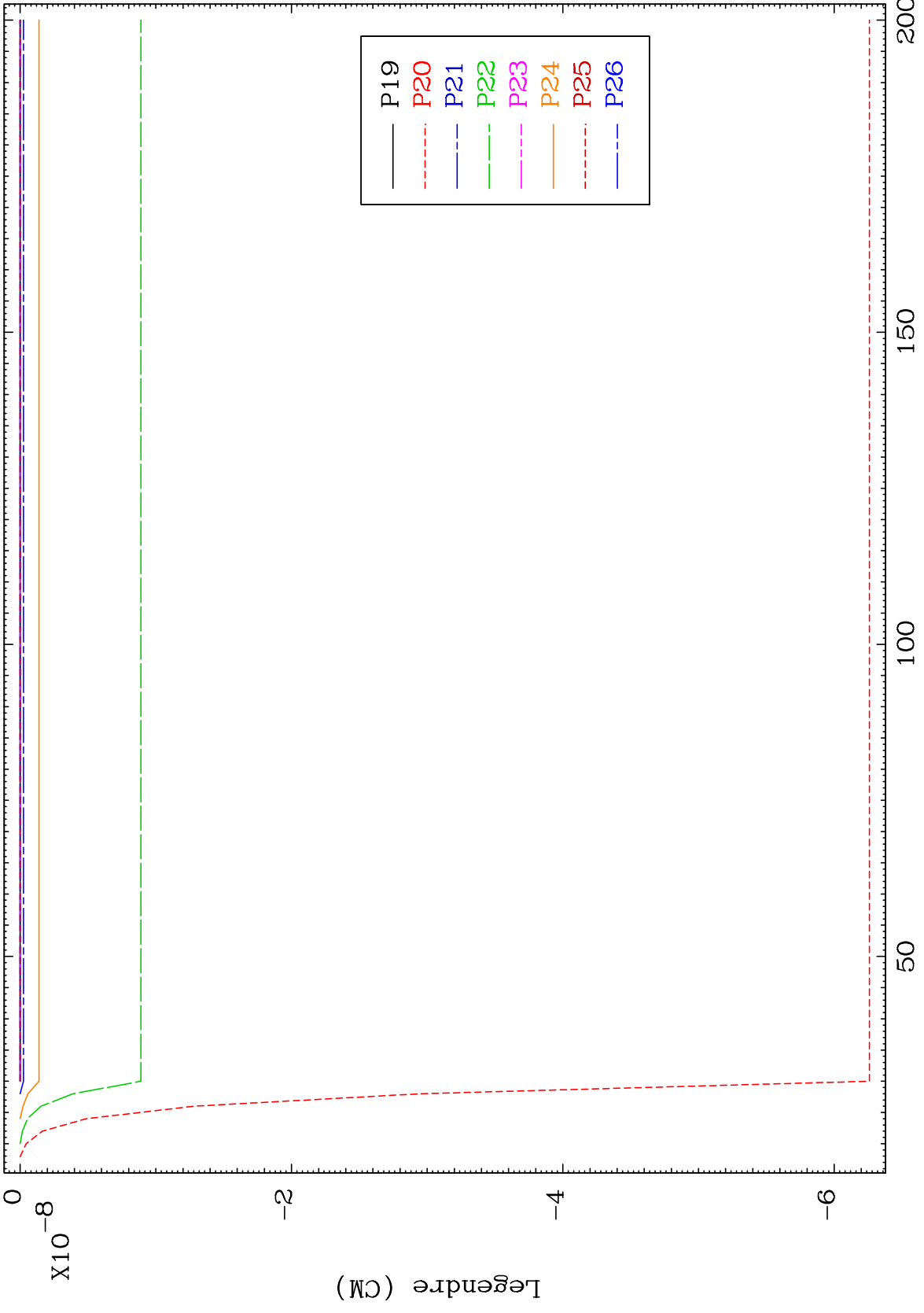
72 Incident Energy (MeV) 16-S -32

MAT 1625 MT= 69 (n,n') Level Legendre Coefficients 16-S -32



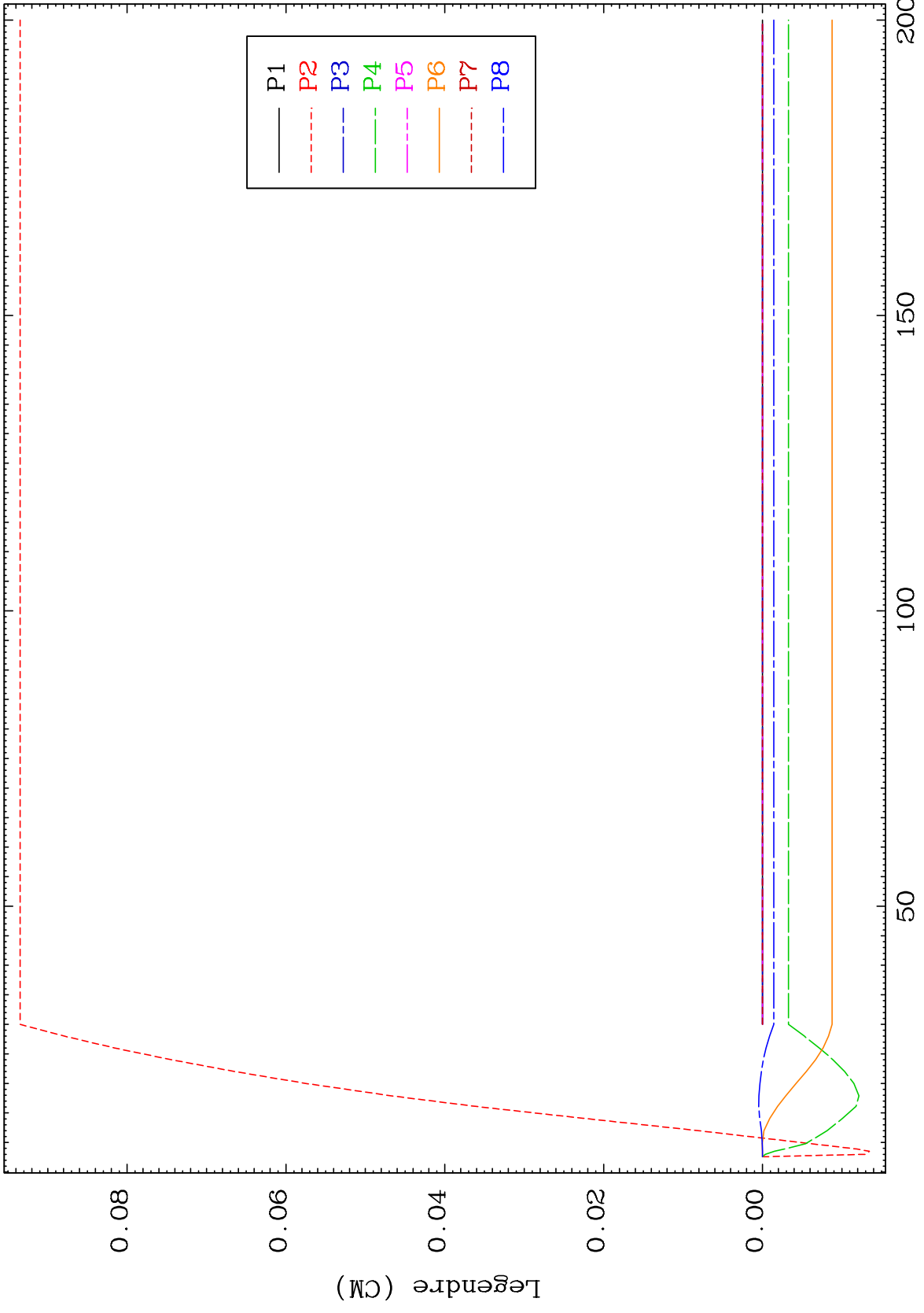
73 16-S -32

MAT 1625 MT= 69 (n,n') Level Legendre Coefficients 16-S -32



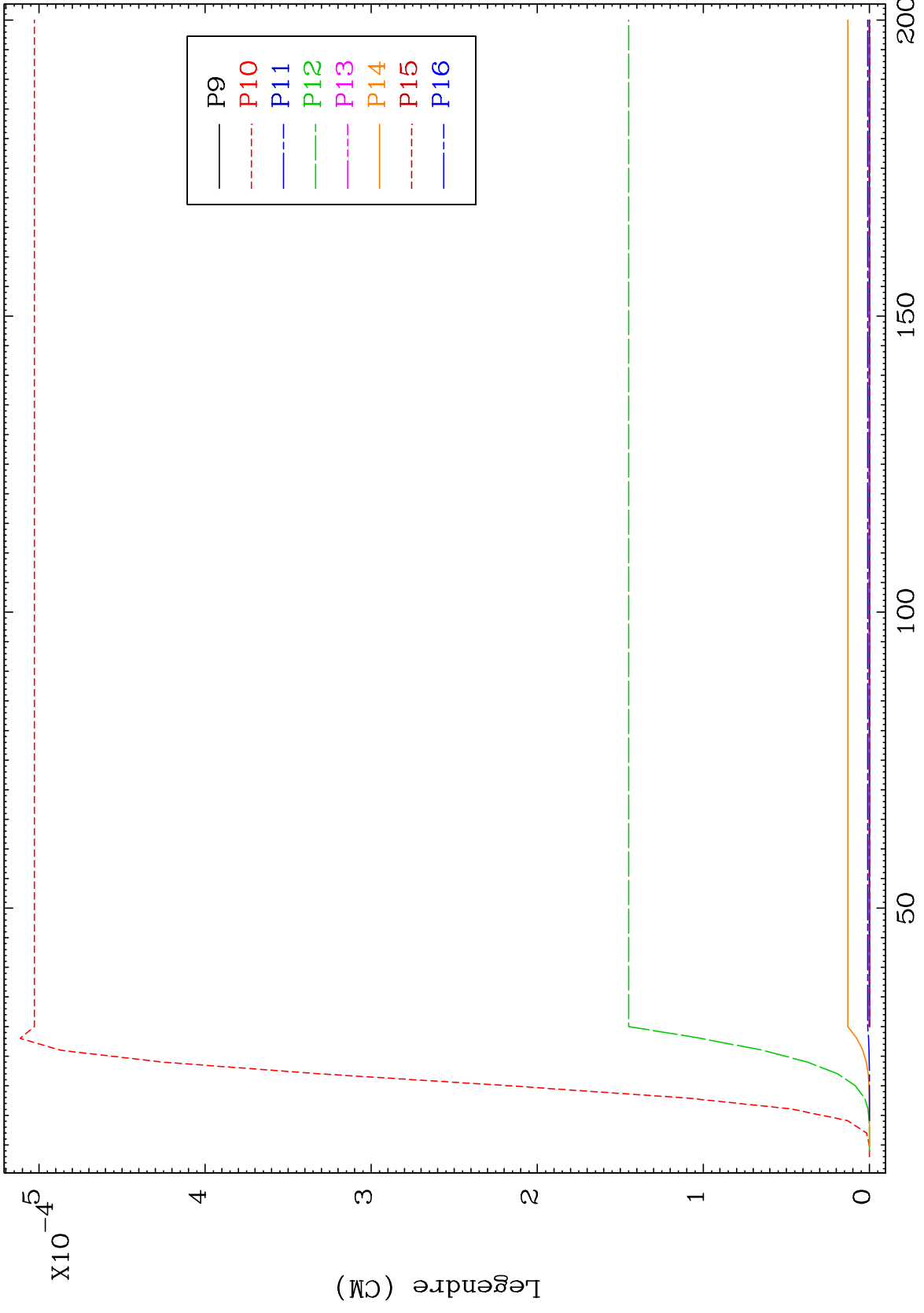
74 16-S -32

MAT 1625 MT= 70 (n,n') Level Legendre Coefficients 16-S -32



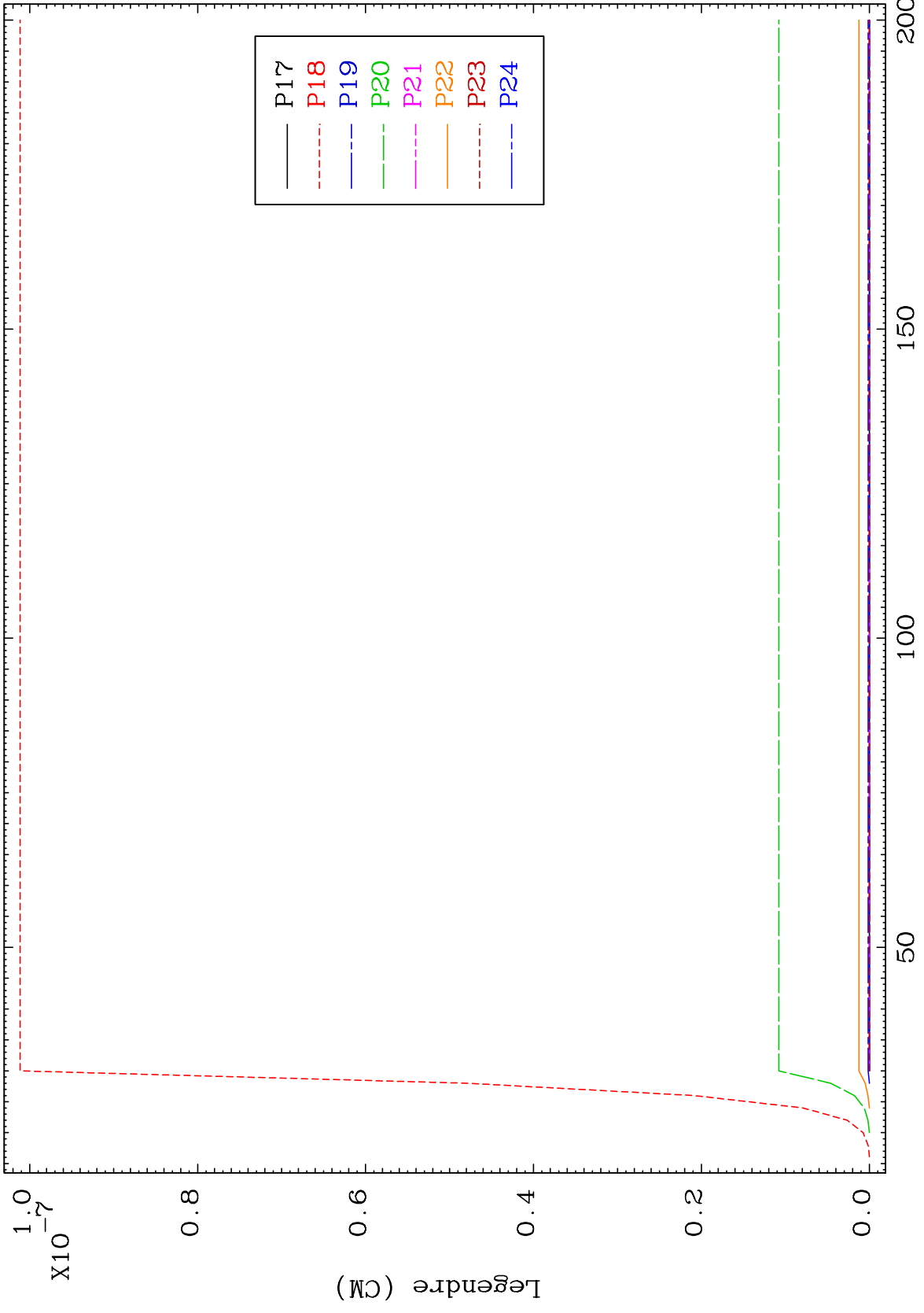
75 Incident Energy (MeV) 16-S -32

MAT 1625 MT= 70 (n,n') Level Legendre Coefficients 16-S -32



76 Incident Energy (MeV) 16-S -32

MAT 1625 MT= 70 (n,n') Level Legendre Coefficients 16-S -32

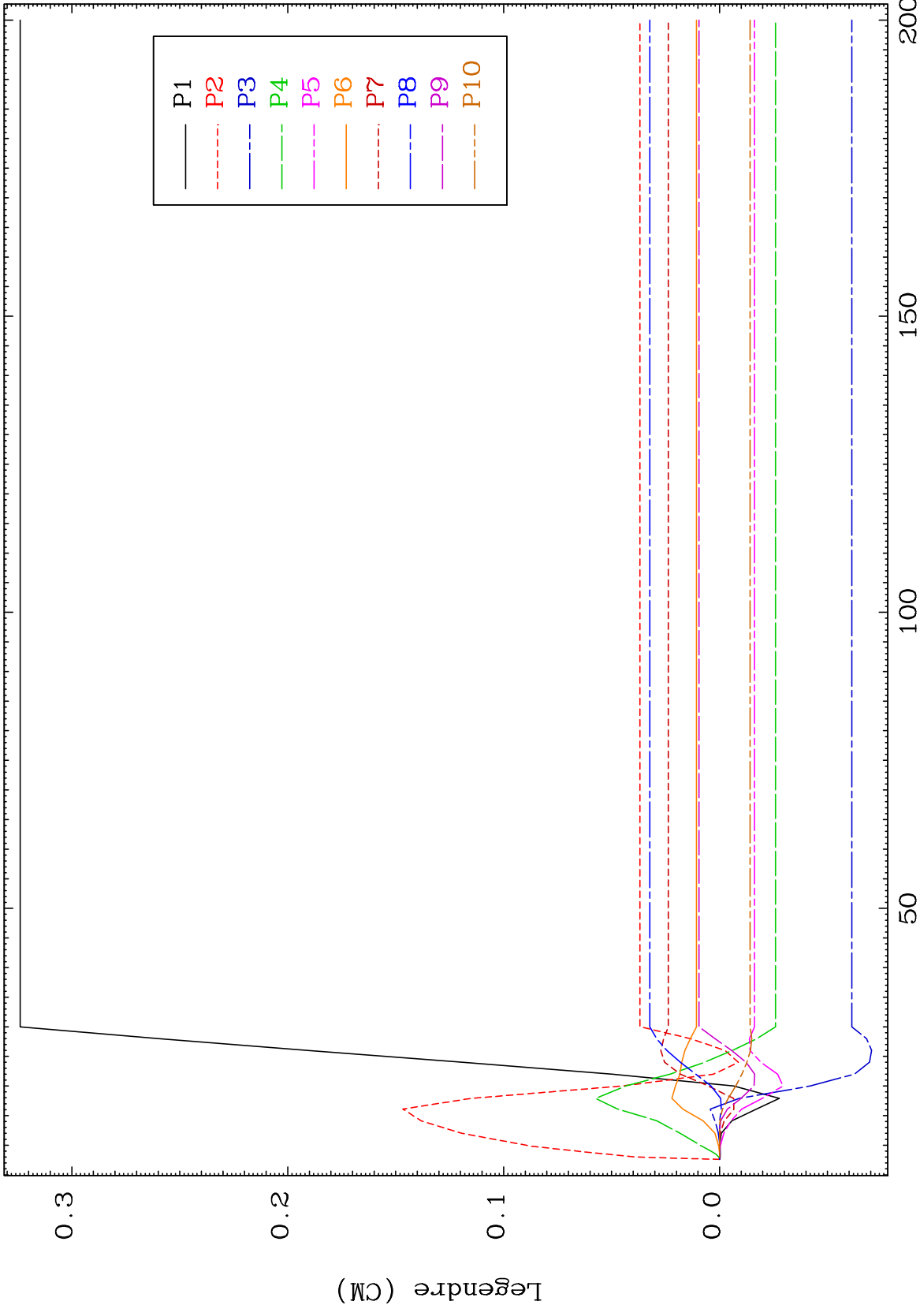


77 16-S -32

MAT 1625

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

16-S -32



78

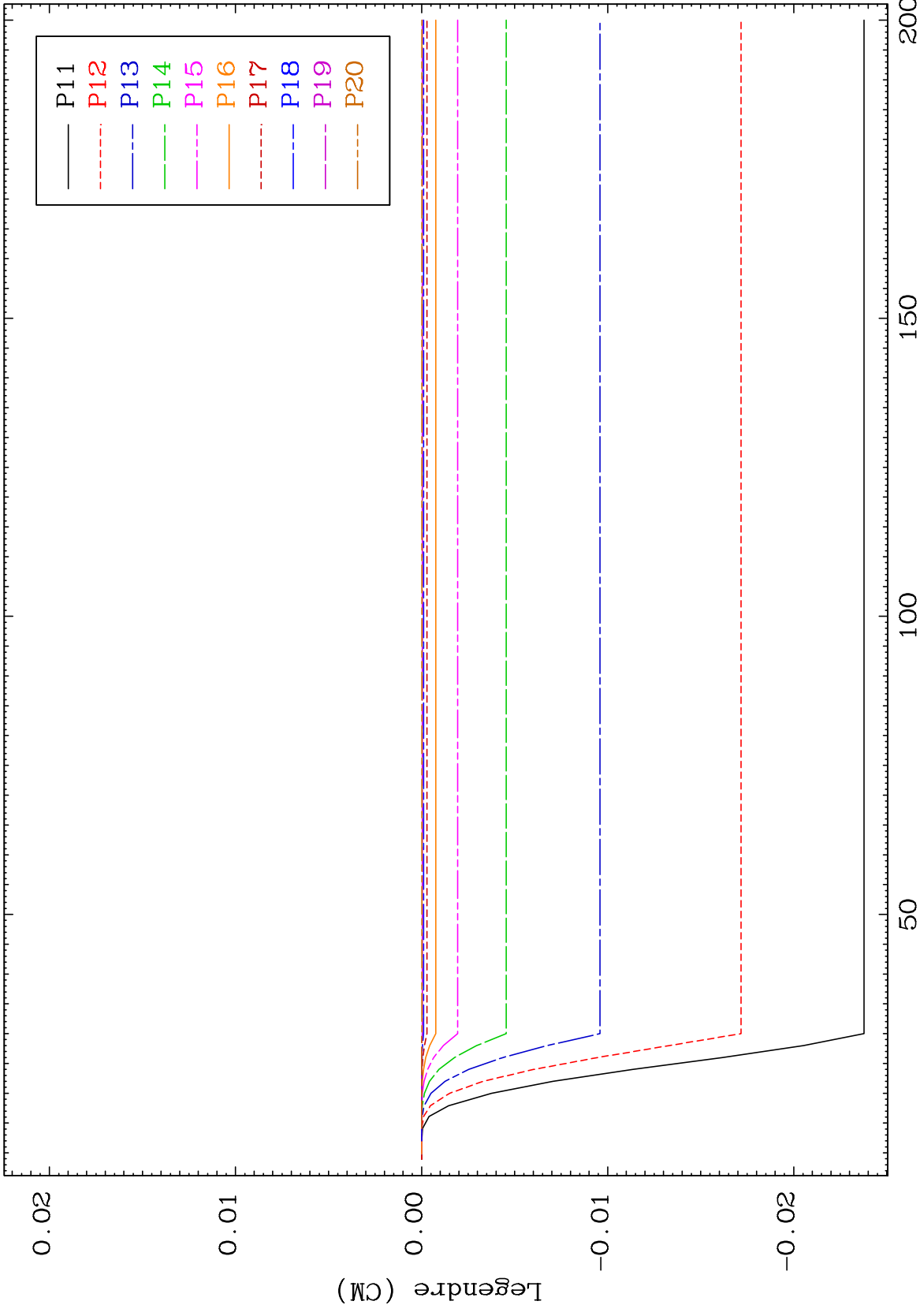
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32

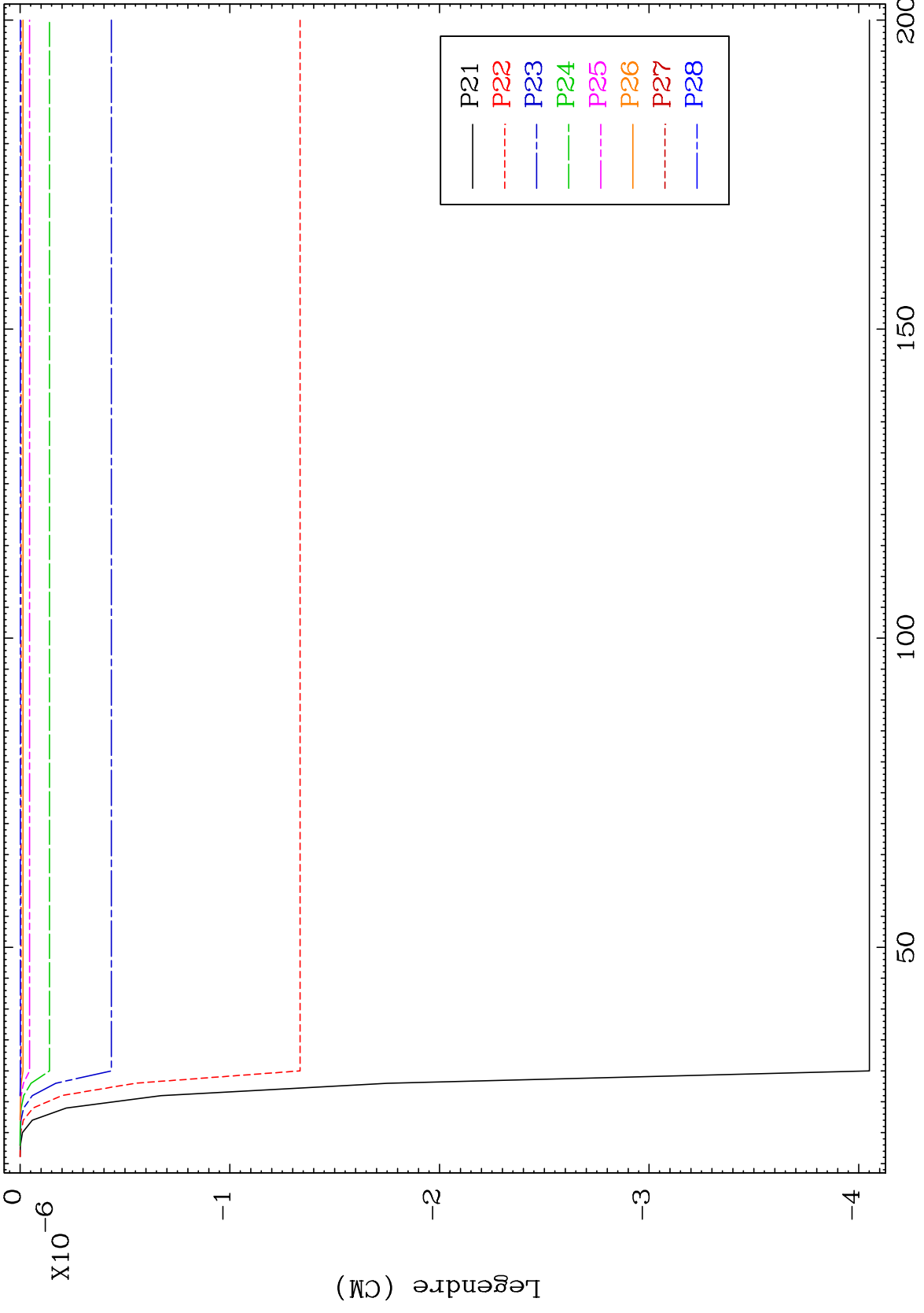


79

Incident Energy (MeV)

16-S -32

MAT 1625 MT= 71 (n,n') Level Legendre Coefficients 16-S -32

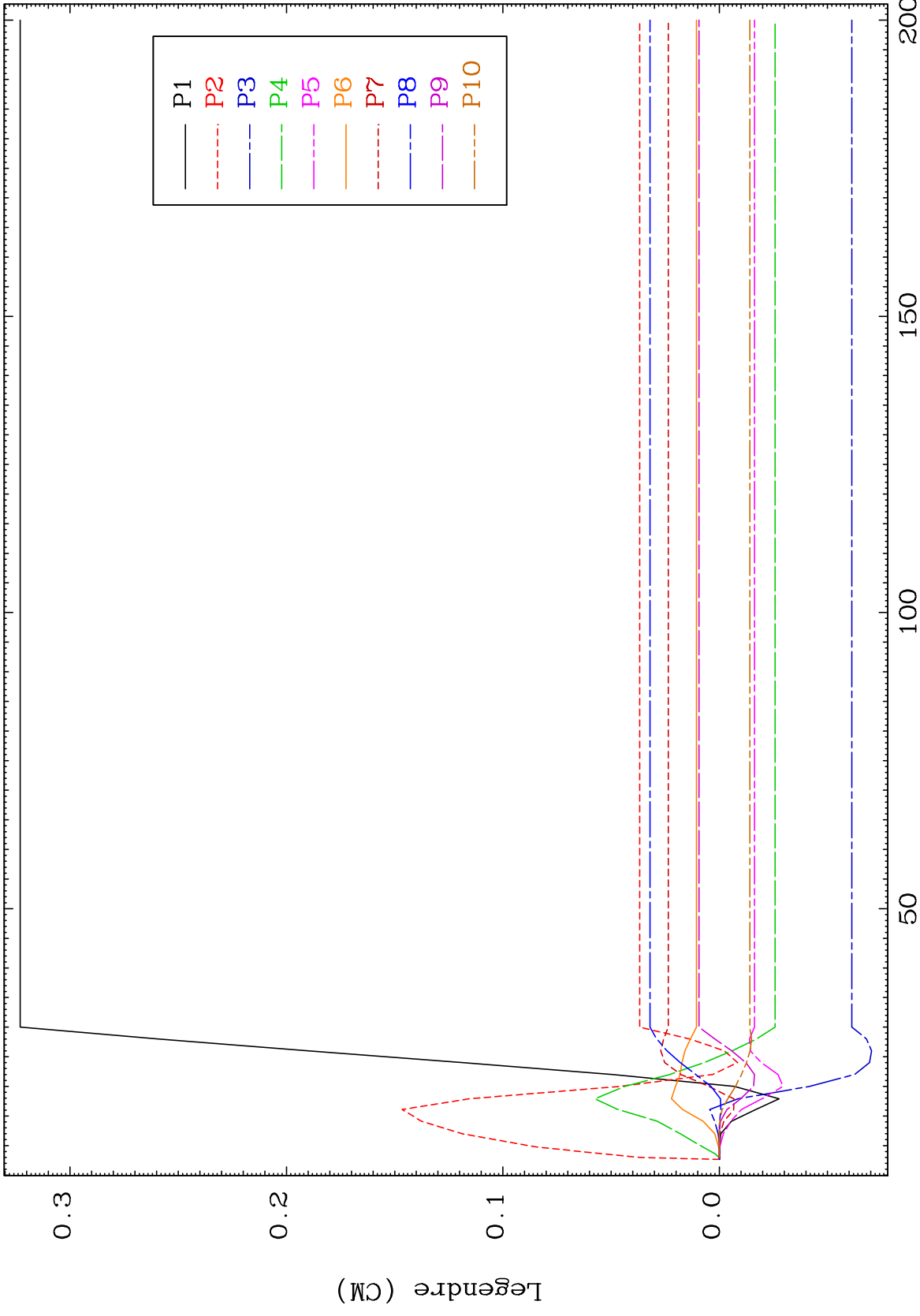


80 150 200 Incident Energy (MeV) 16-S -32

MAT 1625

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

16-S -32



81

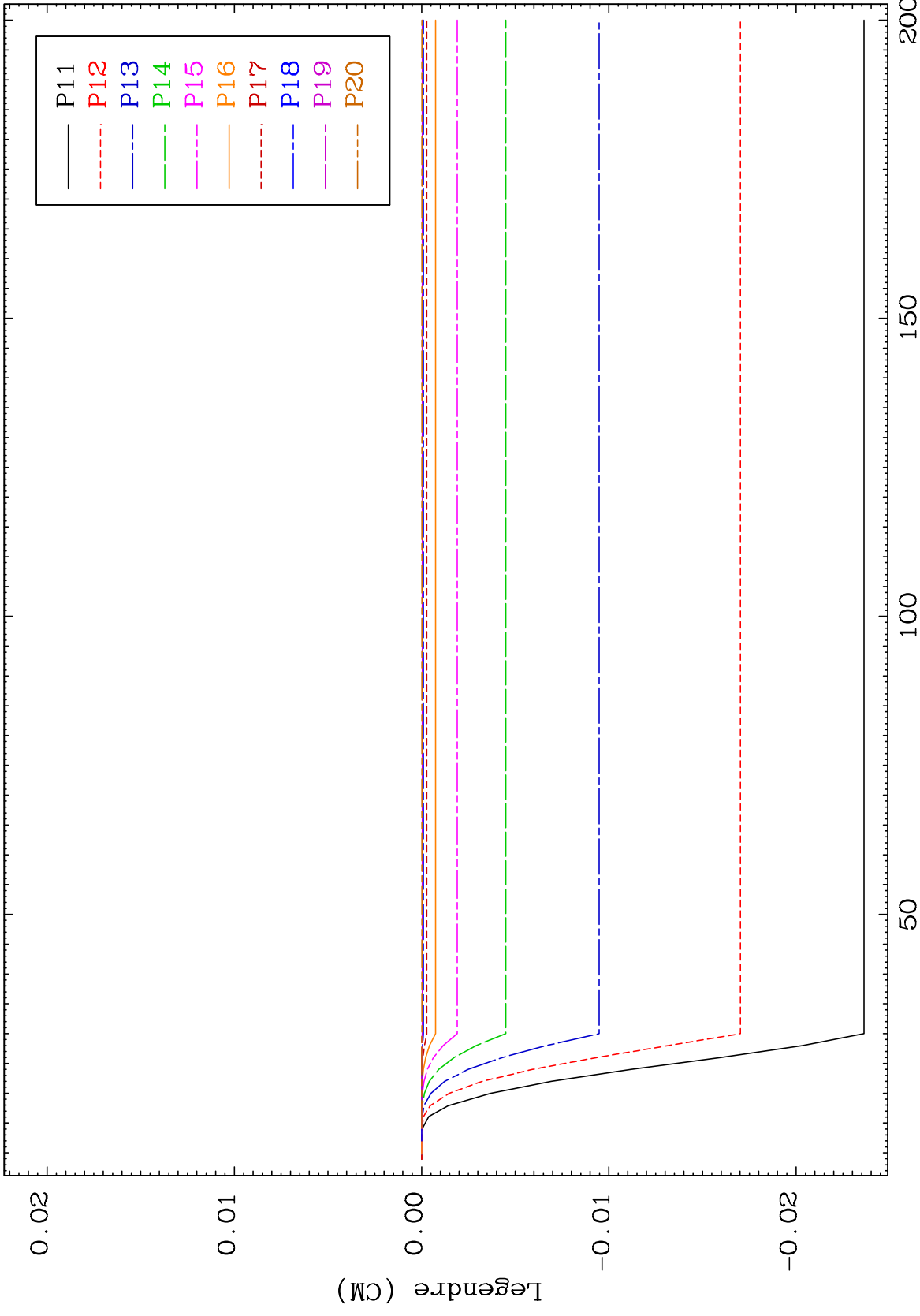
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32

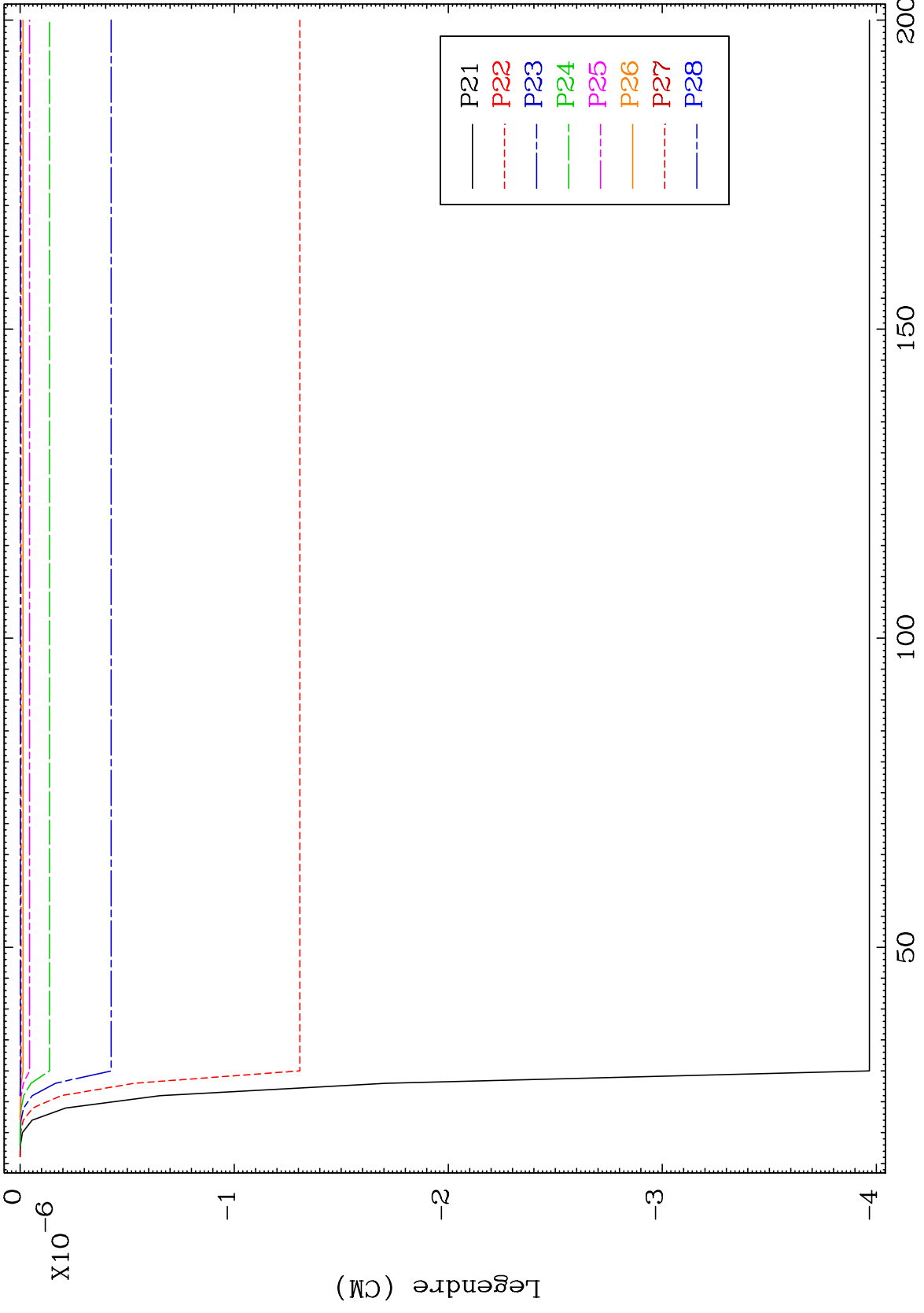


82

Incident Energy (MeV)

16-S -32

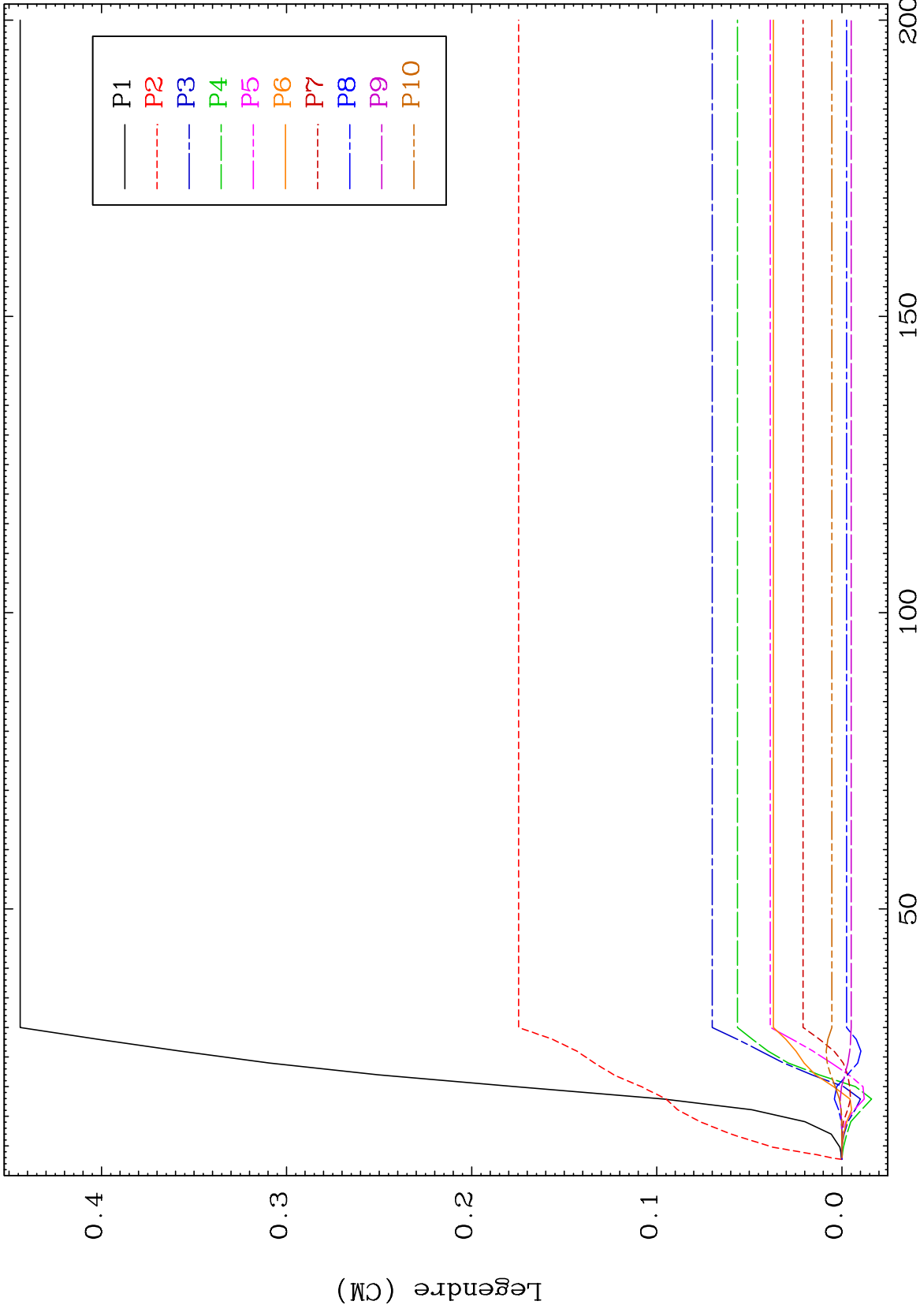
MAT 1625 MT= 72 (n,n') Level Legendre Coefficients 16-S -32



MAT 1625

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

16-S -32



84

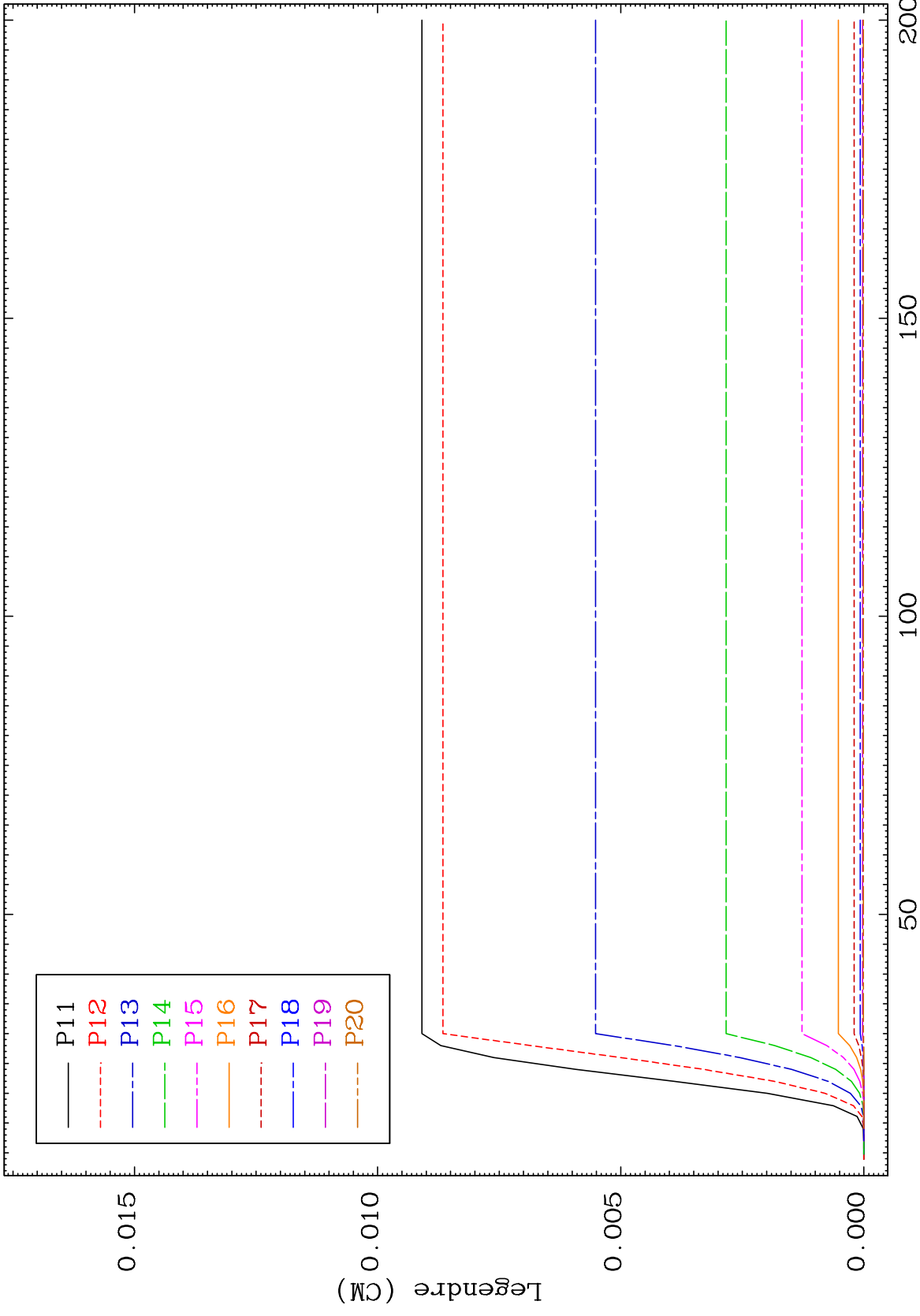
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32



85

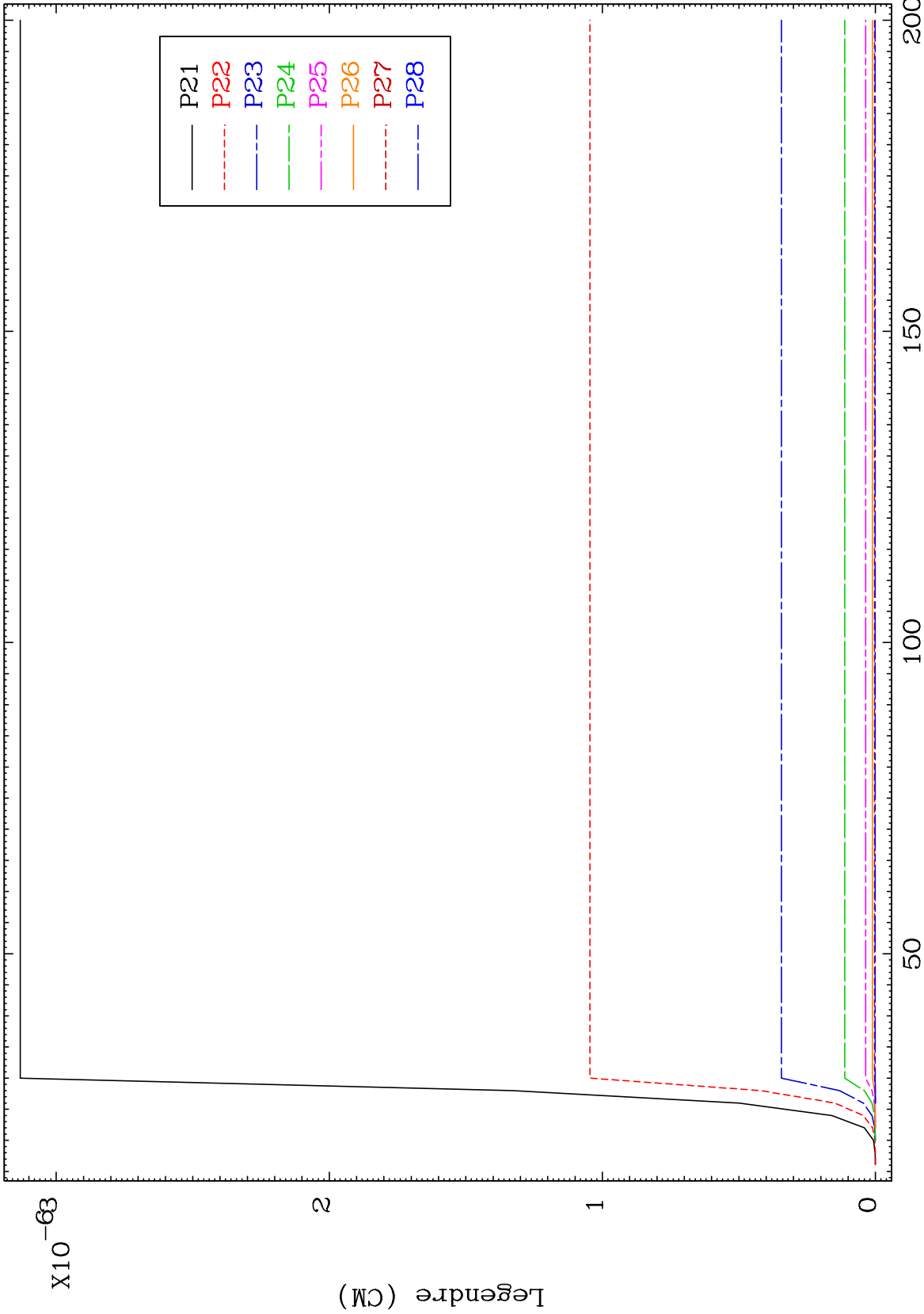
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32

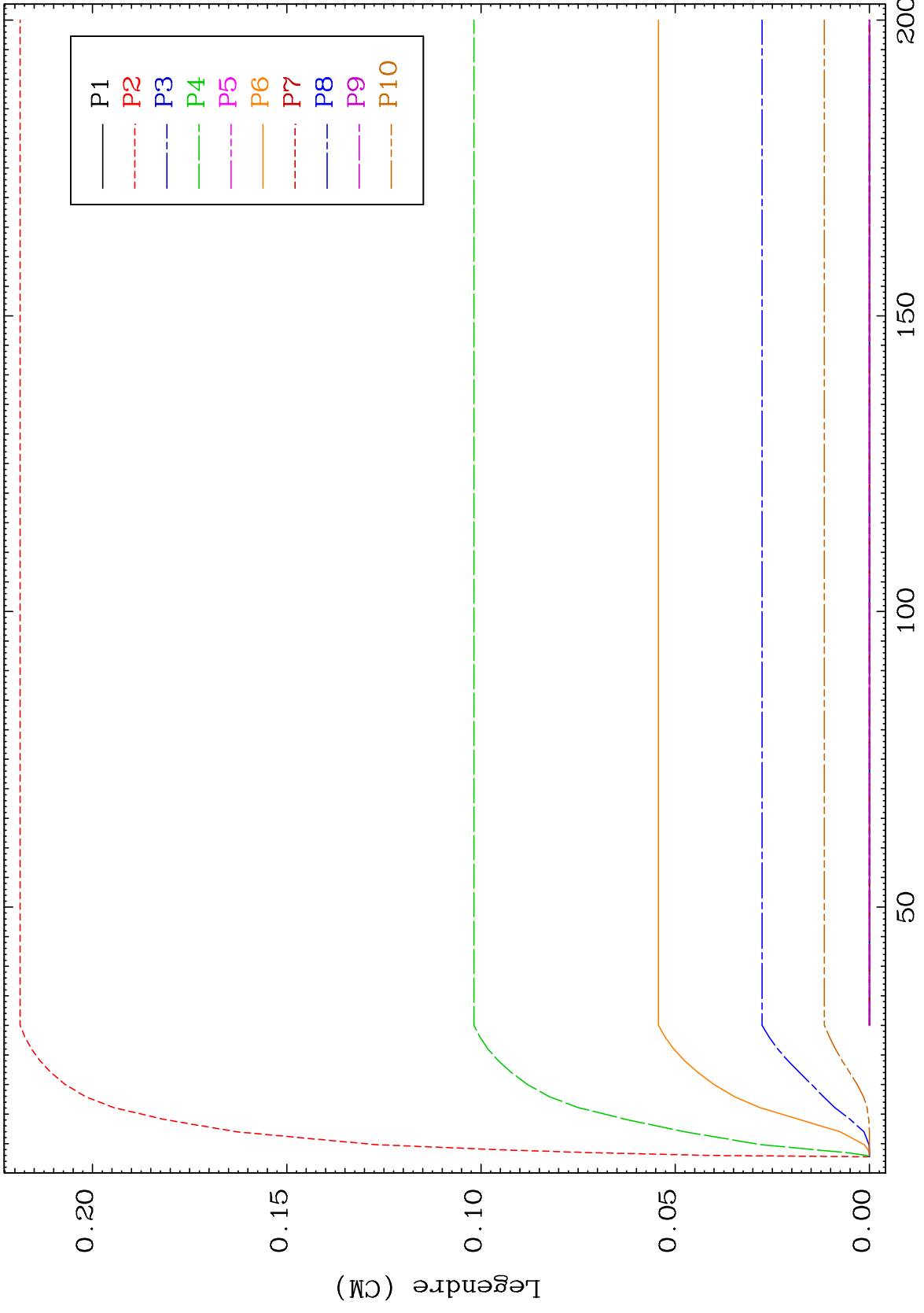


86

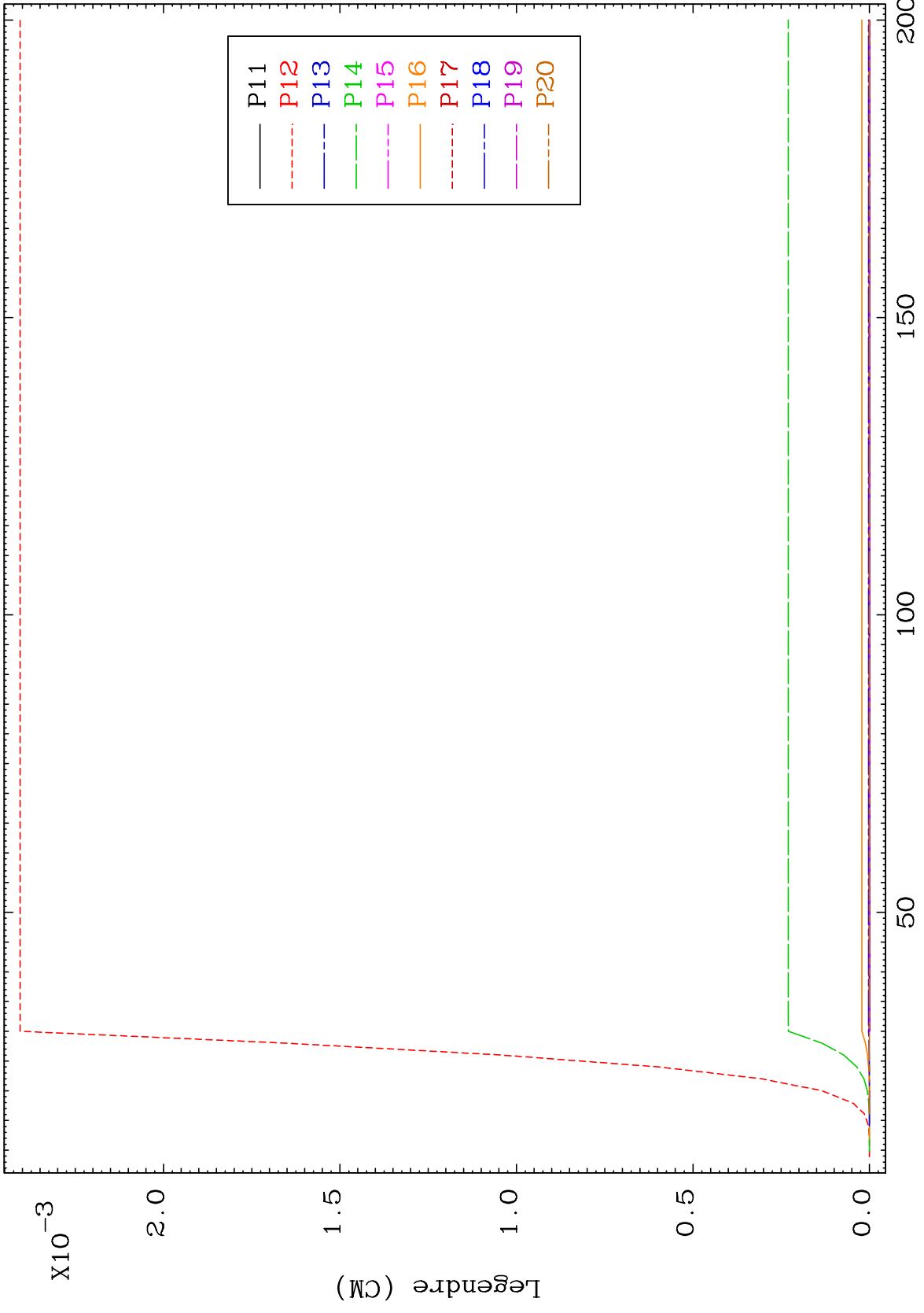
Incident Energy (MeV)

16-S -32

MAT 1625 MT= 74 (n,n') Level Legendre Coefficients 16-S -32

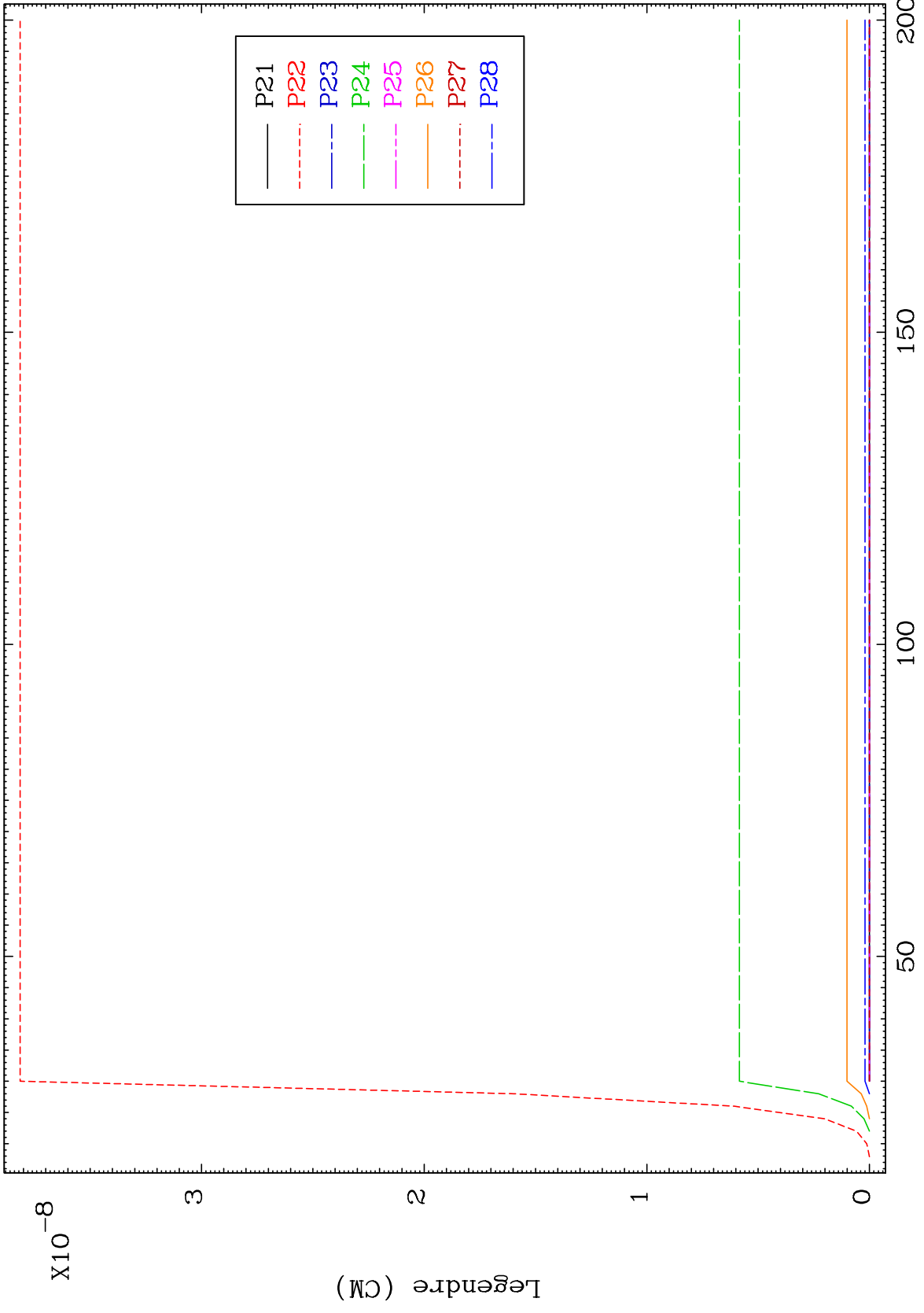


MAT 1625 MT= 74 (n,n') Level Legendre Coefficients 16-S -32



88 16-S -32

MAT 1625 MT= 74 (n,n') Level Legendre Coefficients 16-S -32

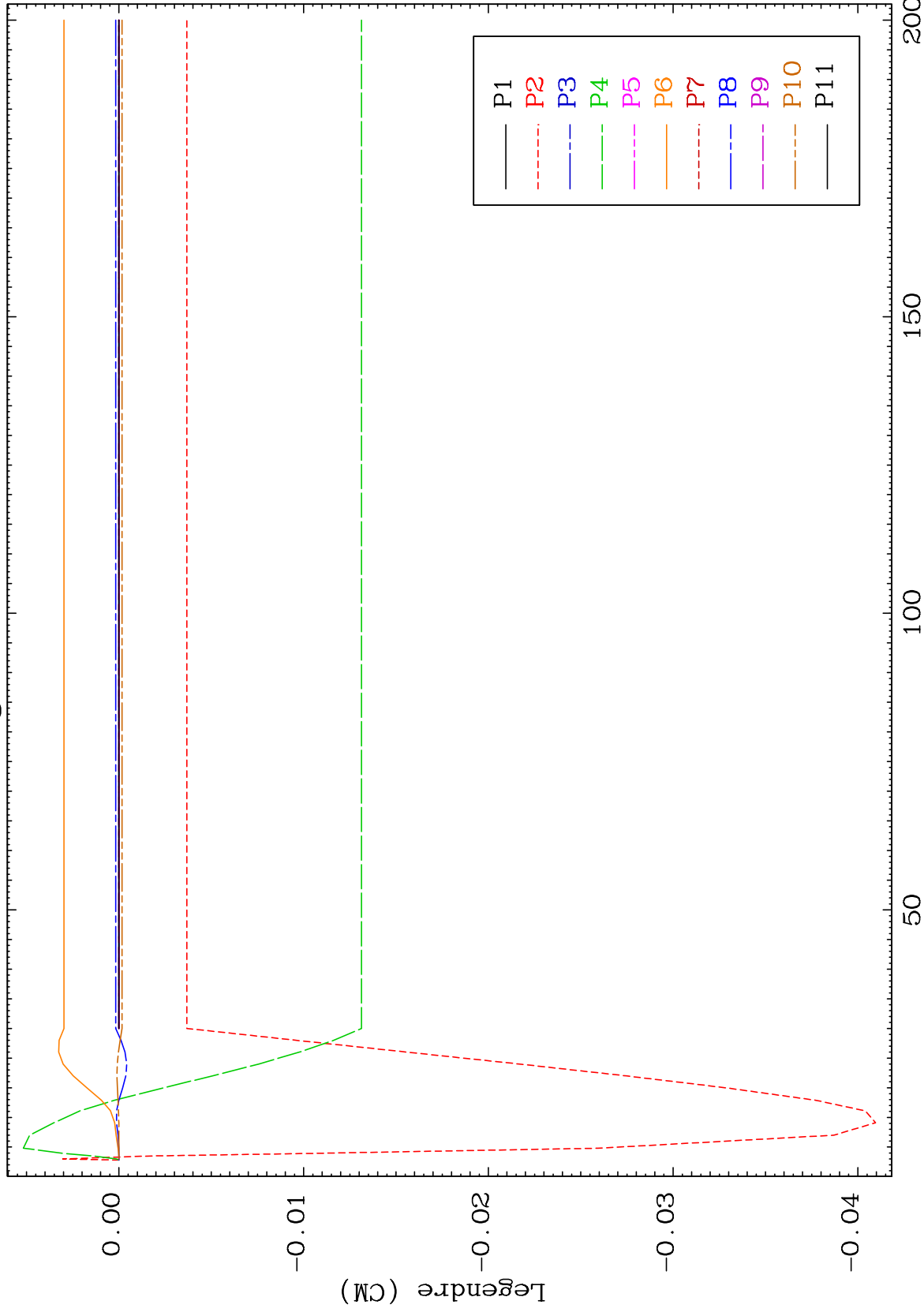


89 16-S -32

MAT 1625

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

16-S -32



90

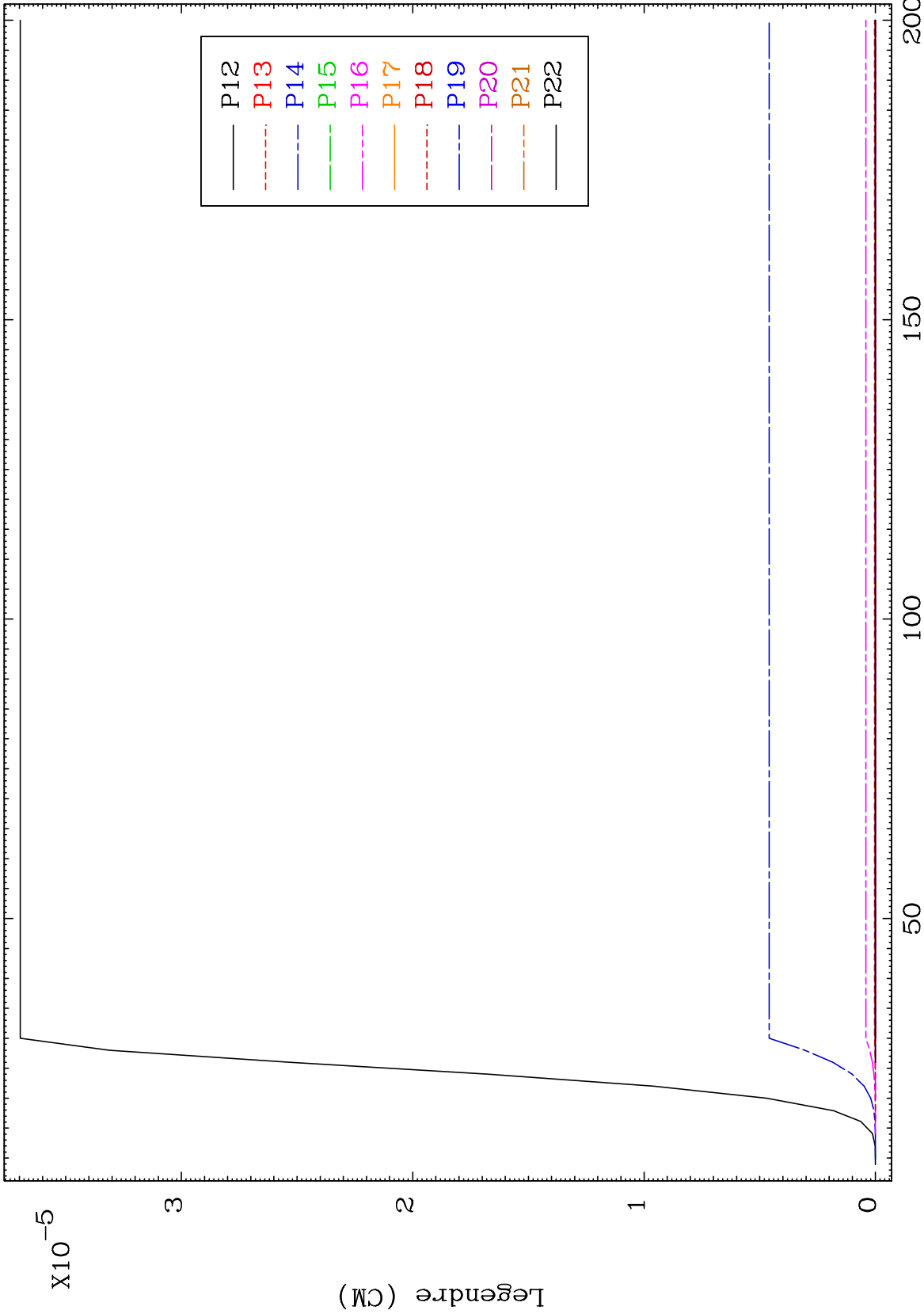
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32



91

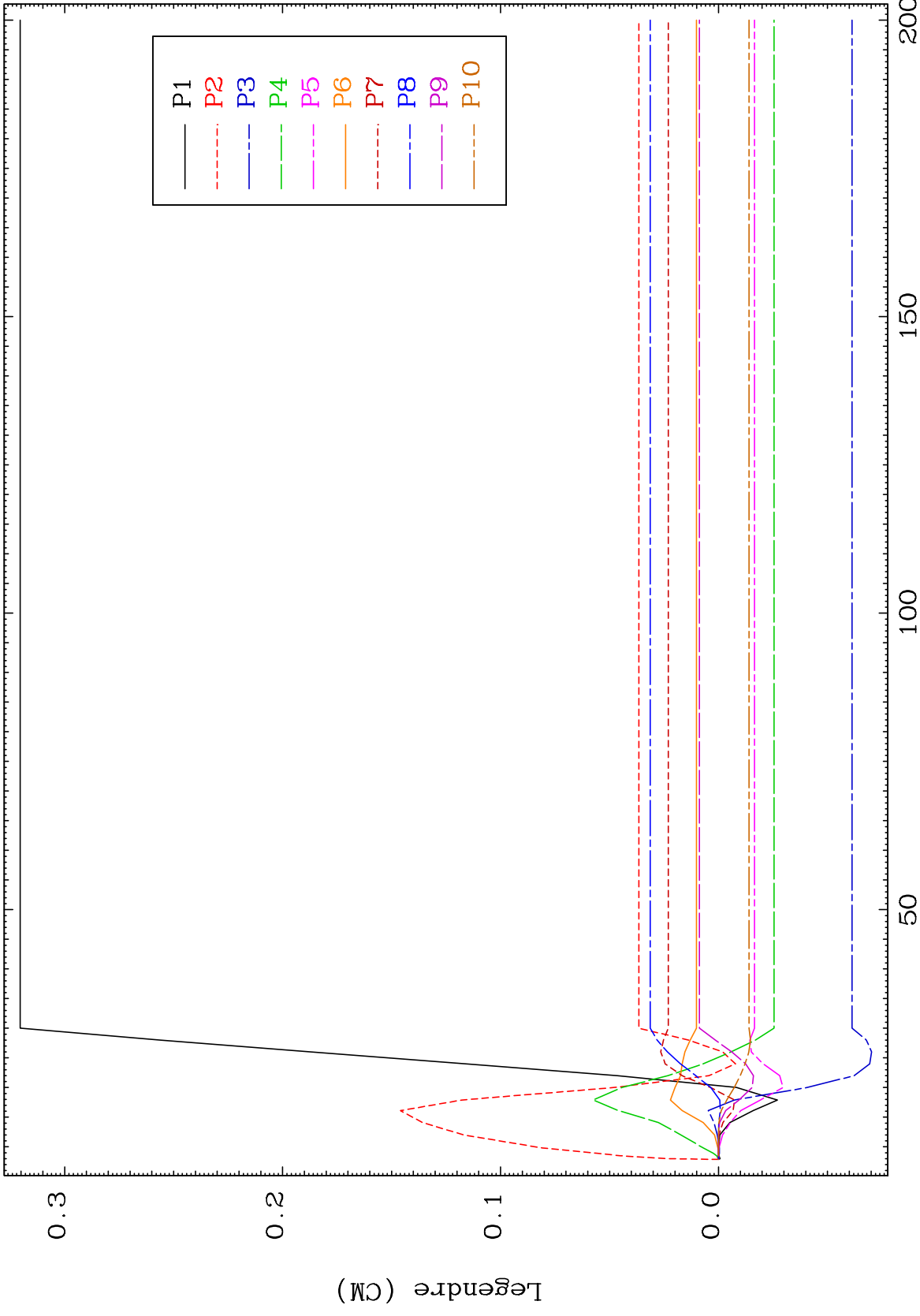
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32



92

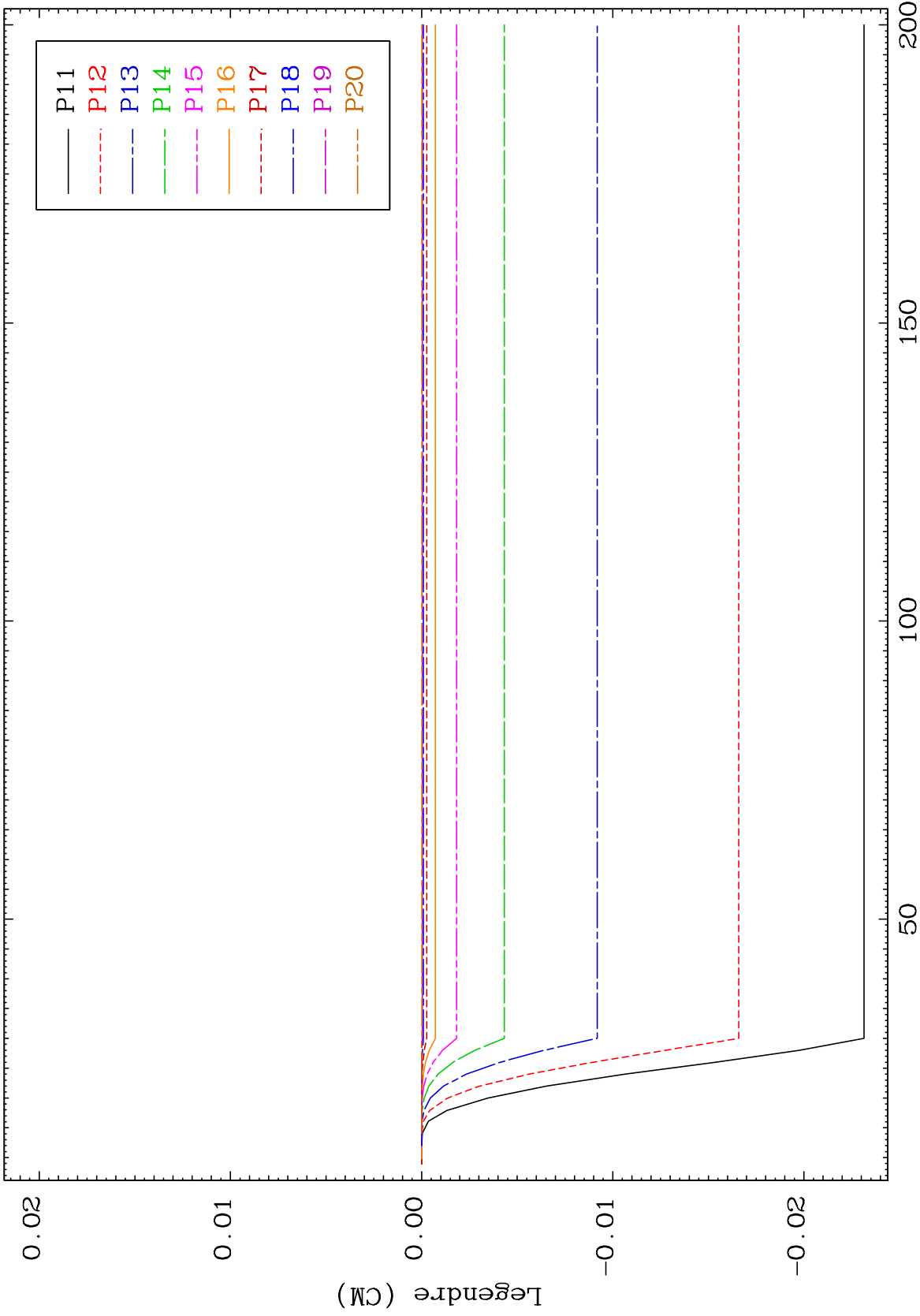
Incident Energy (MeV)

16-S -32

MAT 1625

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

16-S -32

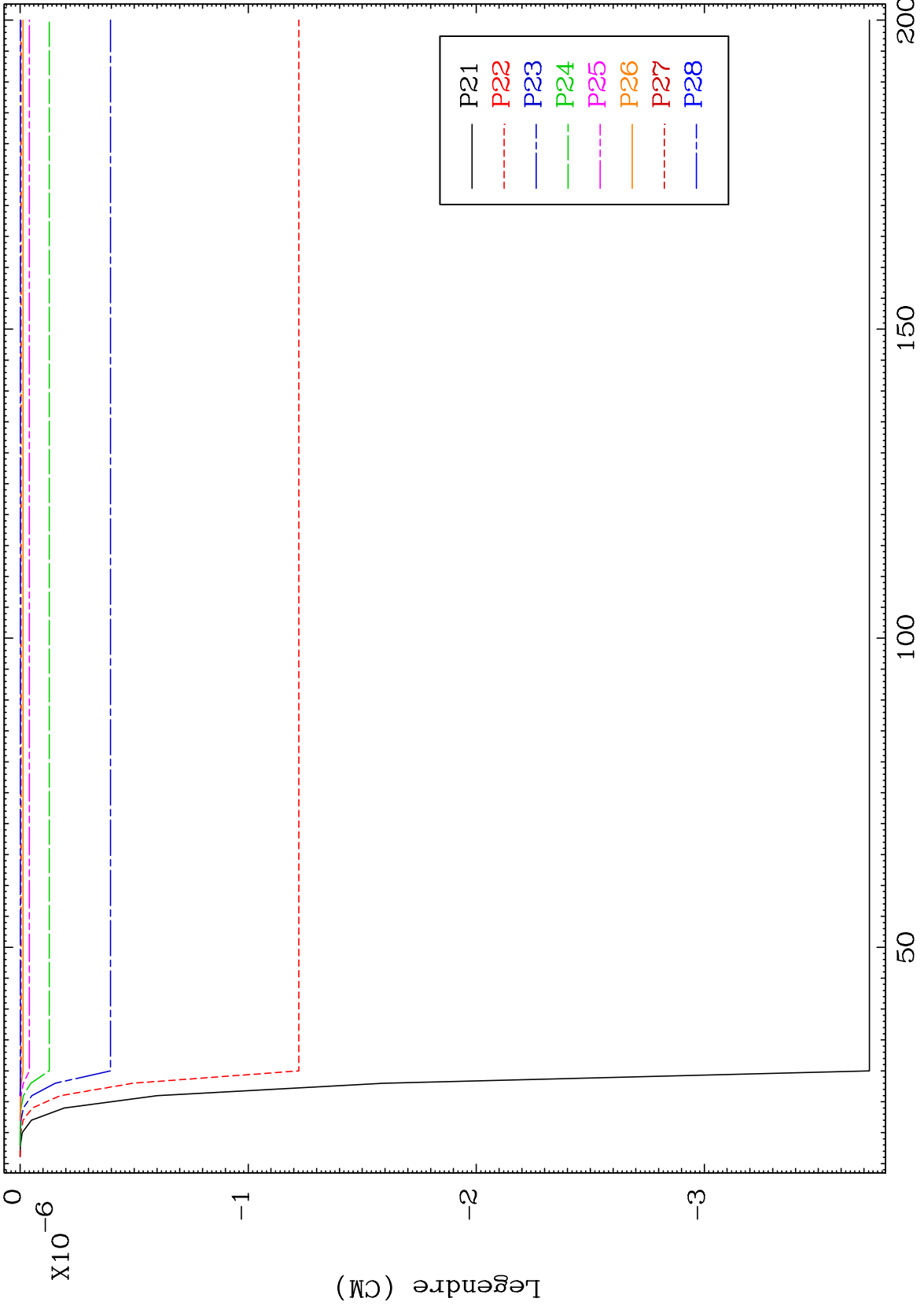


93

Incident Energy (MeV)

16-S -32

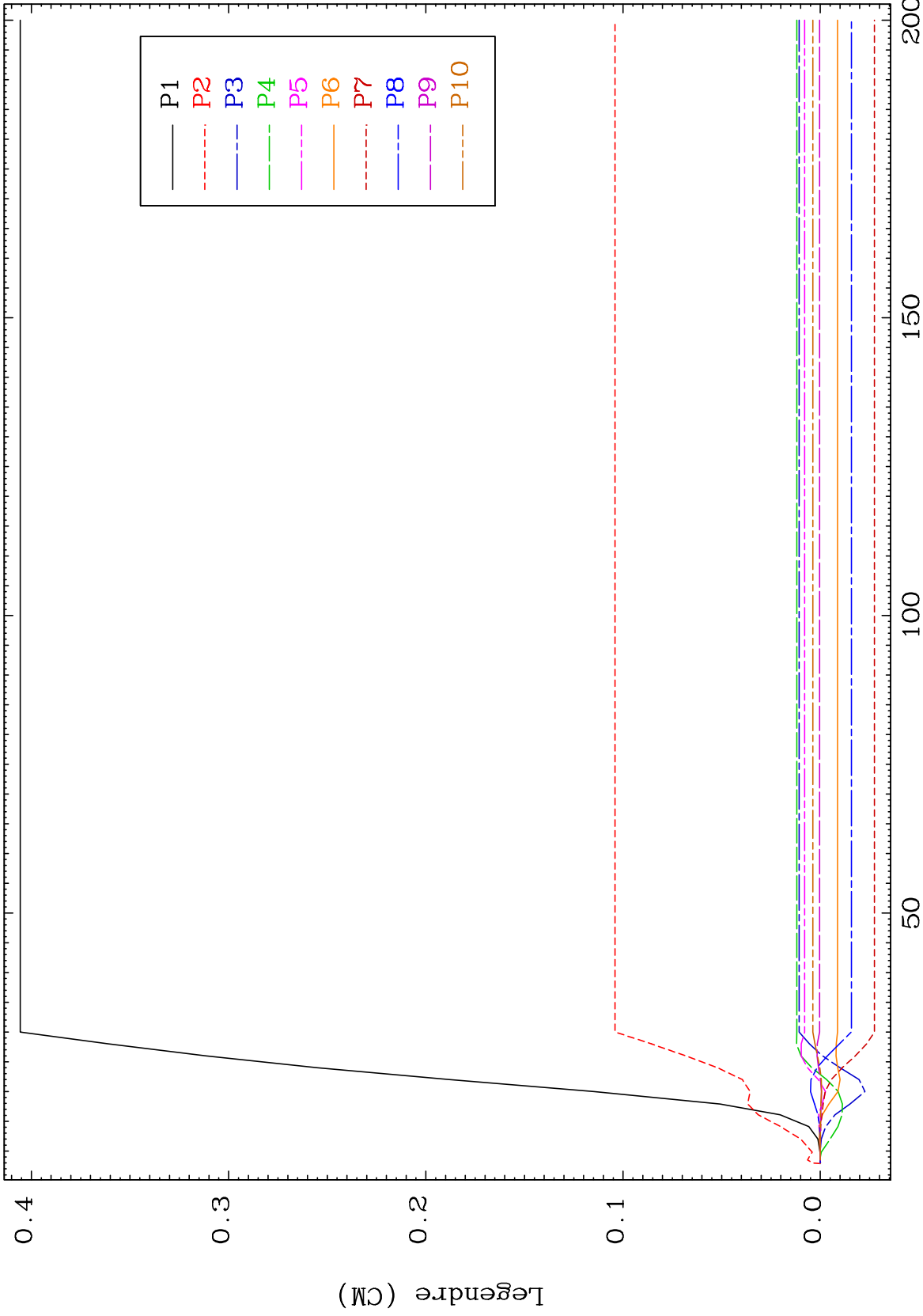
MAT 1625 MT= 76 (n,n') Level Legendre Coefficients 16-S -32



MAT 1625

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

16-S -32



95

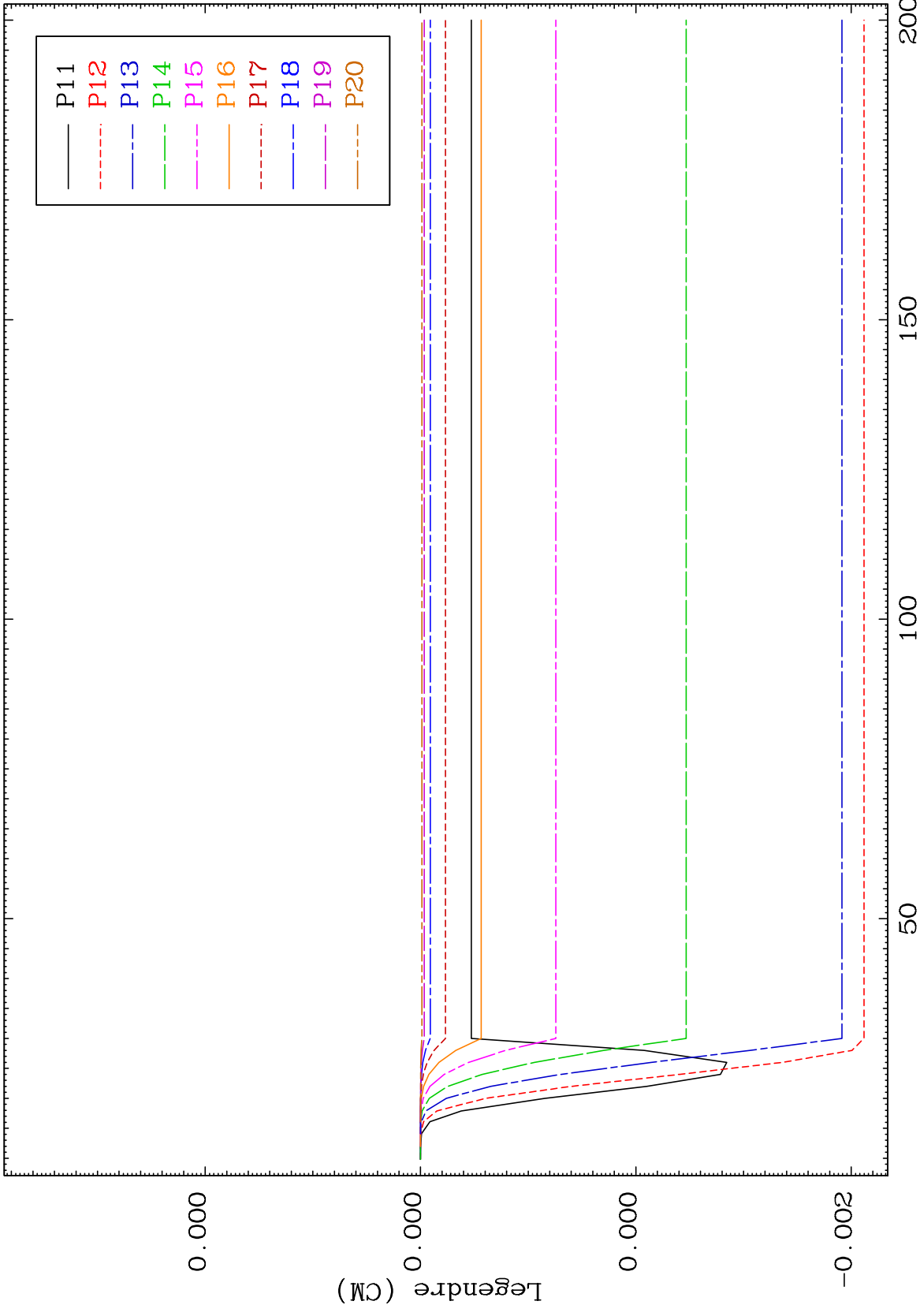
Incident Energy (MeV)

16-S -32

MAT 1625

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

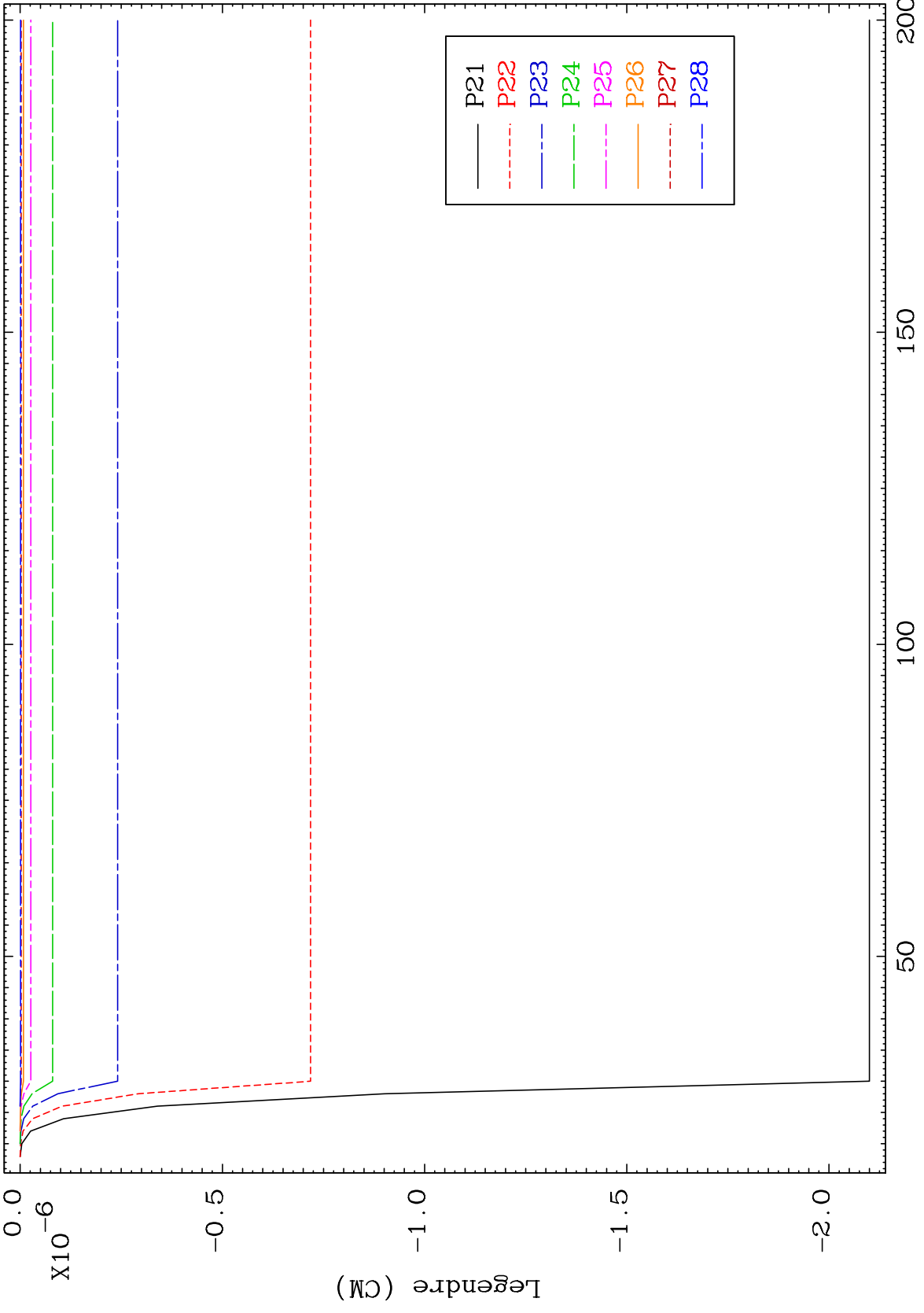
16-S -32



96

16-S -32

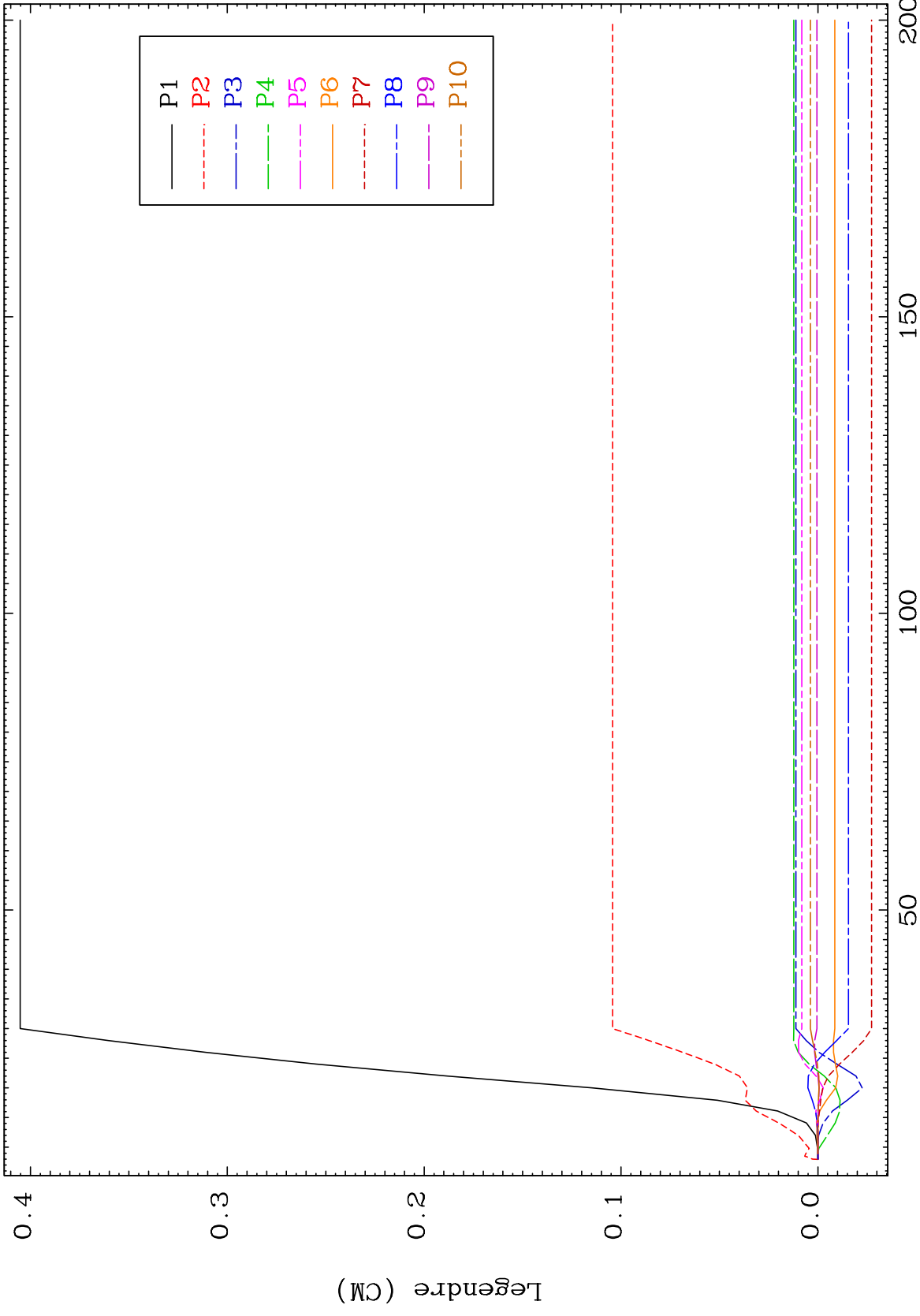
MAT 1625 MT= 77 (n,n') Level Legendre Coefficients 16-S -32



MAT 1625

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

16-S -32



98

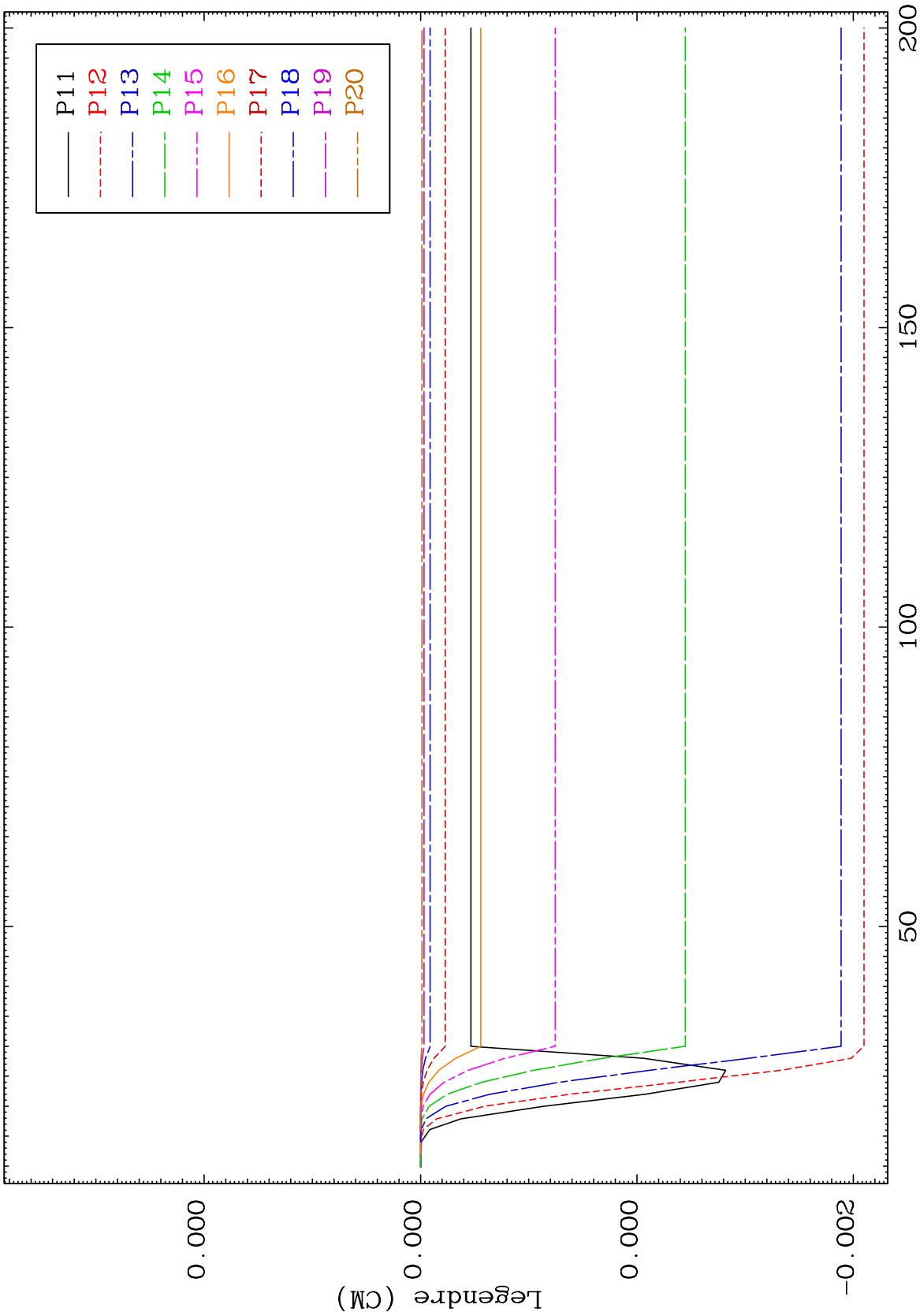
Incident Energy (MeV)

16-S -32

MAT 1625

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

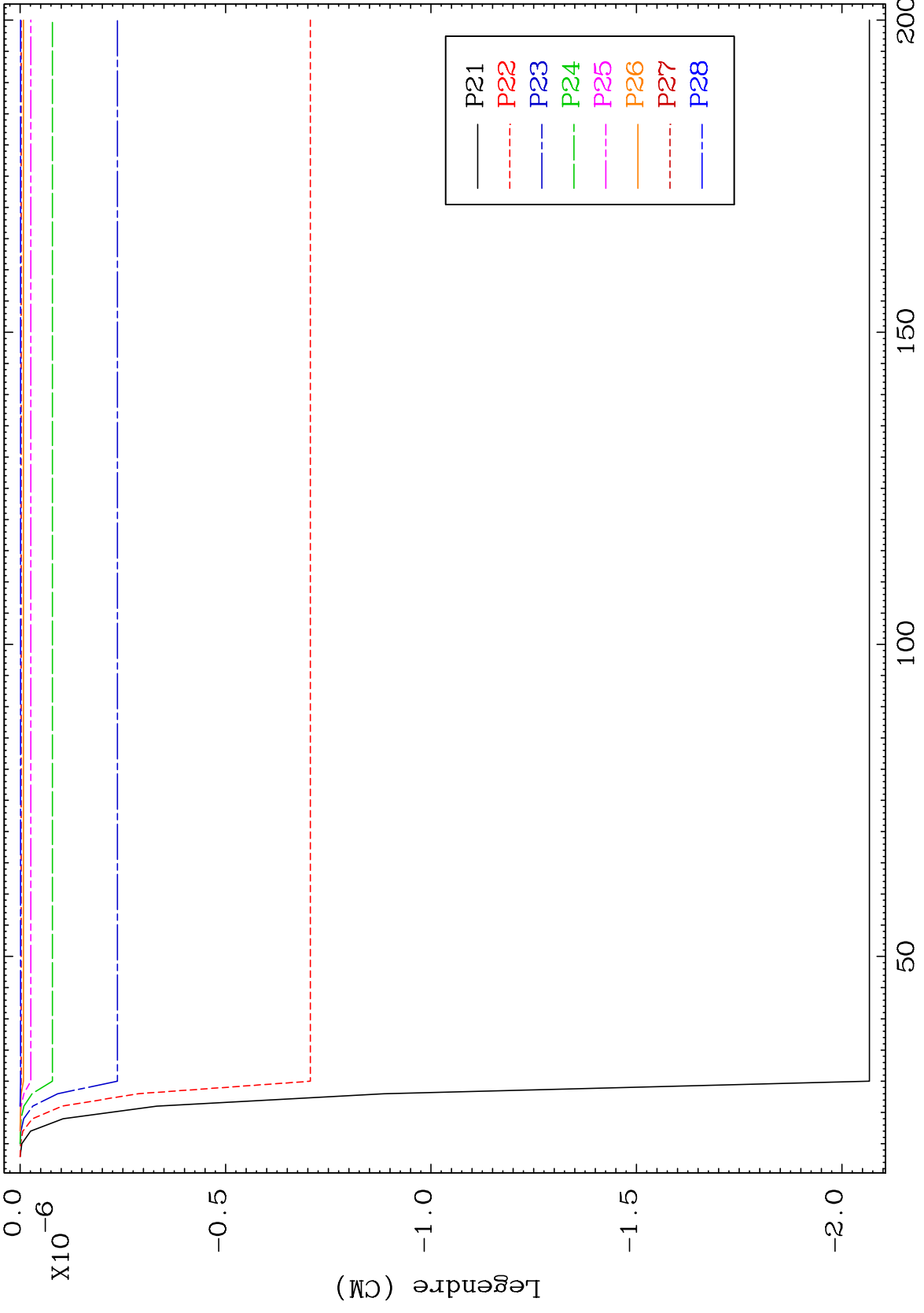
16-S -32



99

16-S -32

MAT 1625 MT= 78 (n,n') Level Legendre Coefficients 16-S -32



100 50 100 150 200 Incident Energy (MeV) 16-S -32