

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

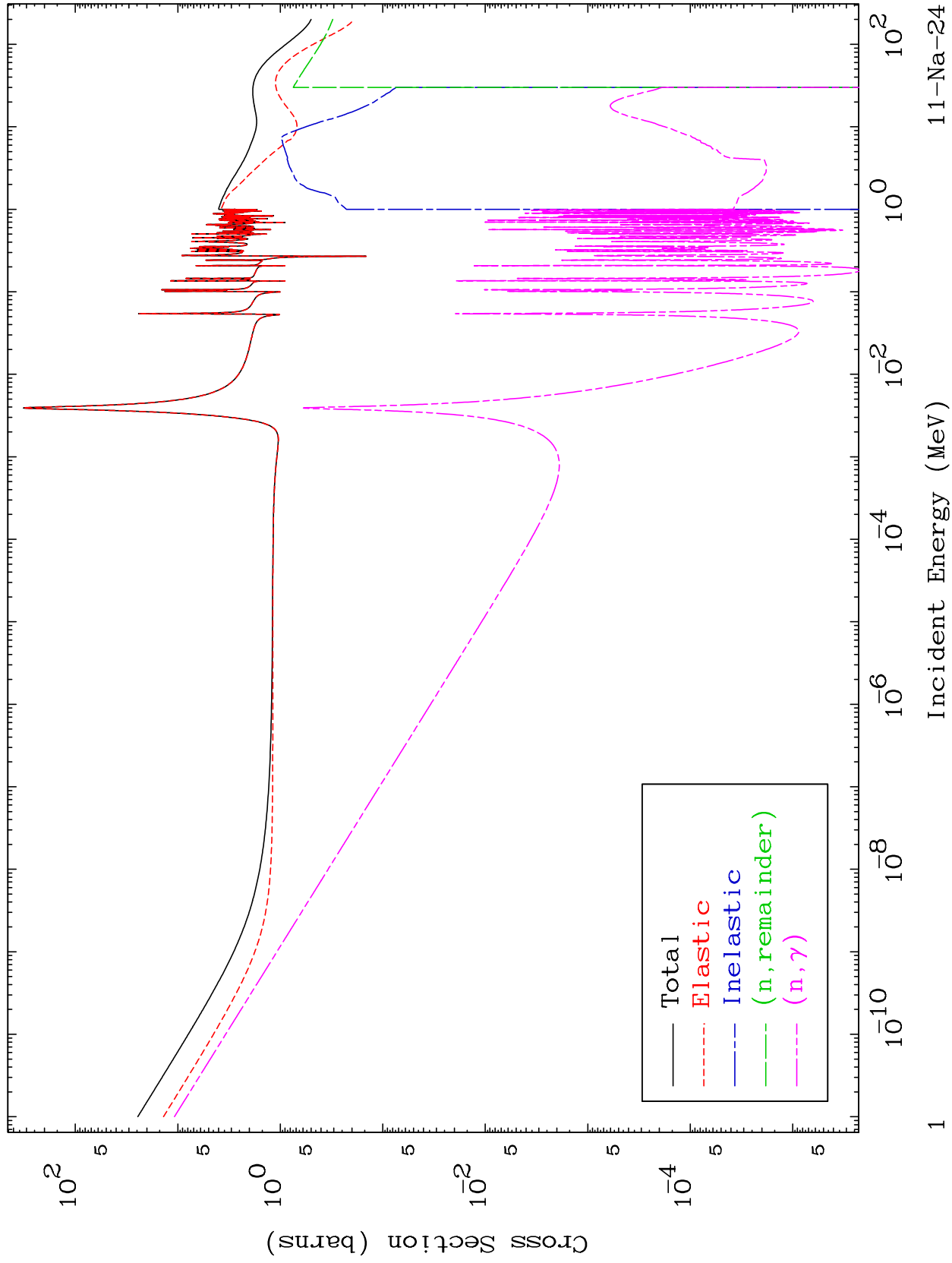
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1128

Major
293 Kelvin Cross Sections

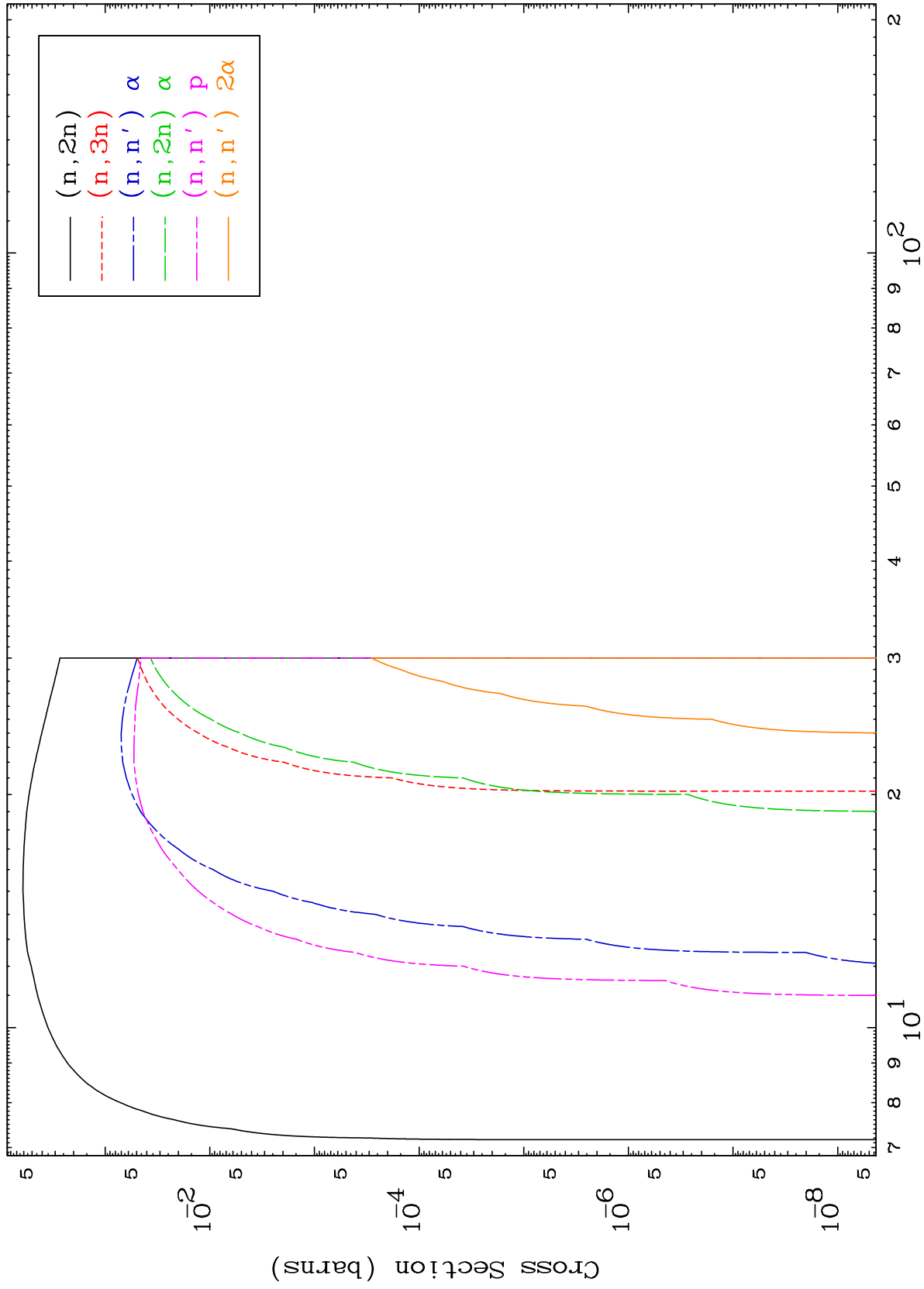
11-Na-24



MAT 1128

Neutron Production
293 Kelvin Cross Sections

11-Na-24



2

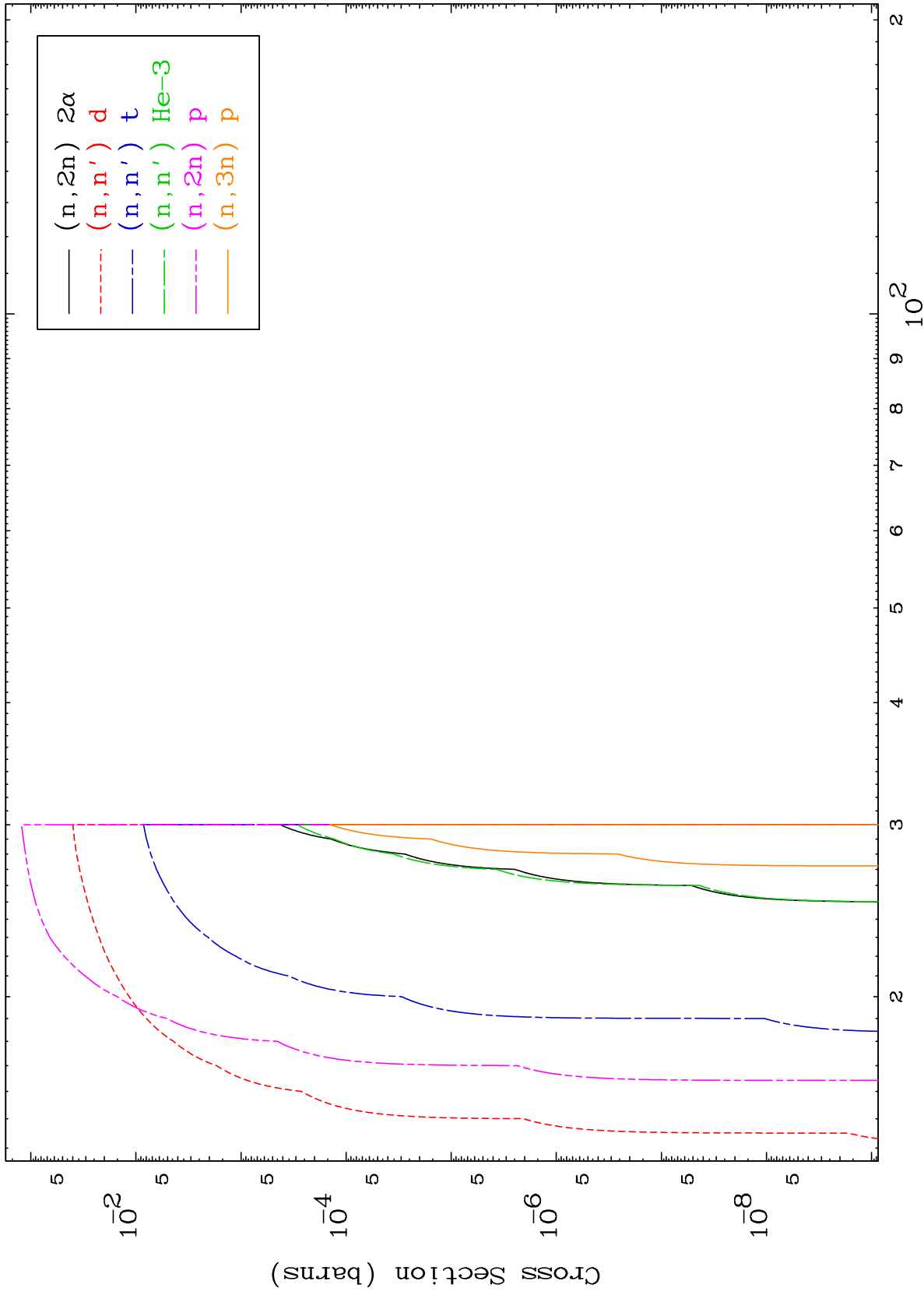
Incident Energy (MeV)

11-Na-24

MAT 1128

Neutron Production
293 Kelvin Cross Sections

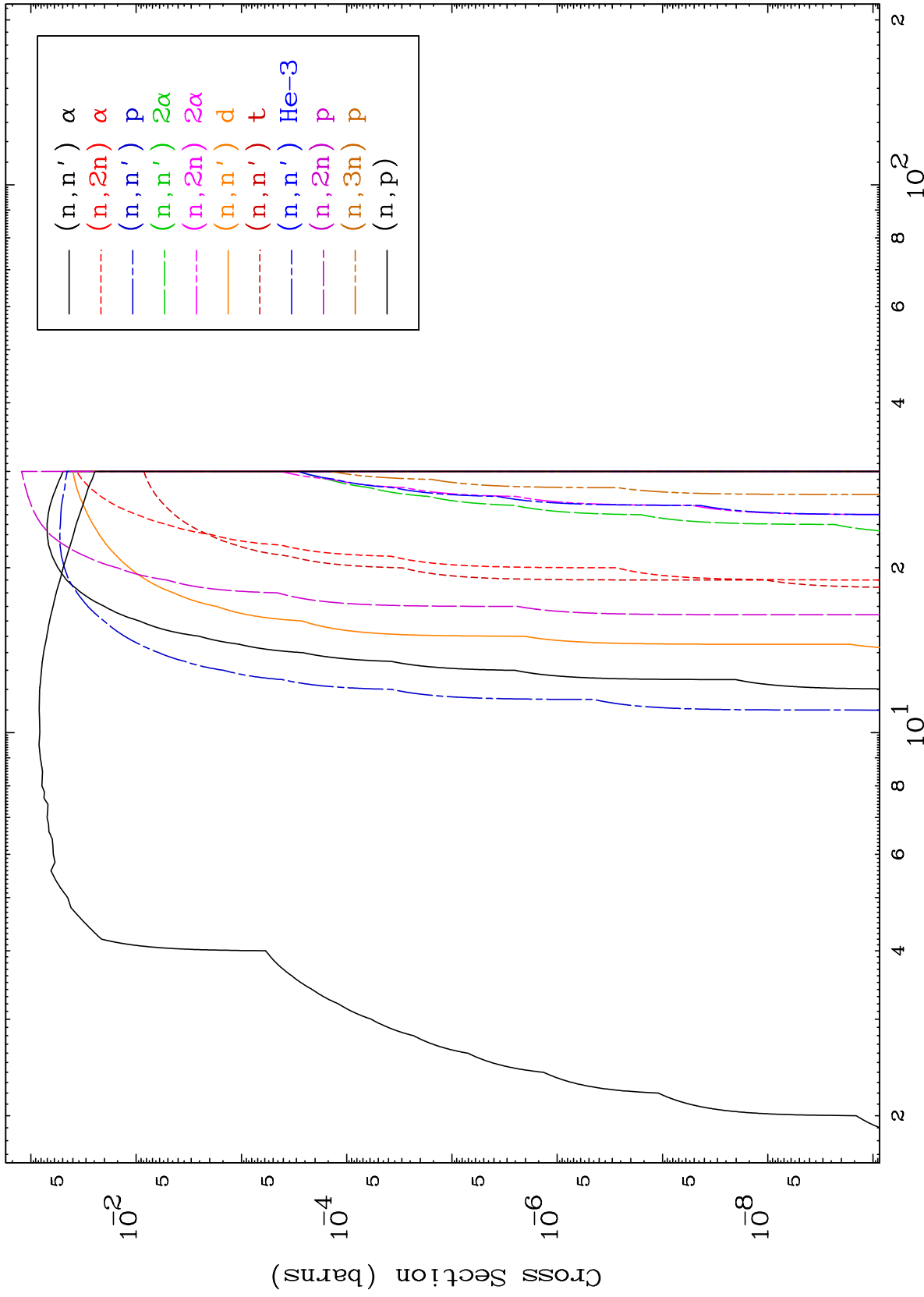
11-Na-24

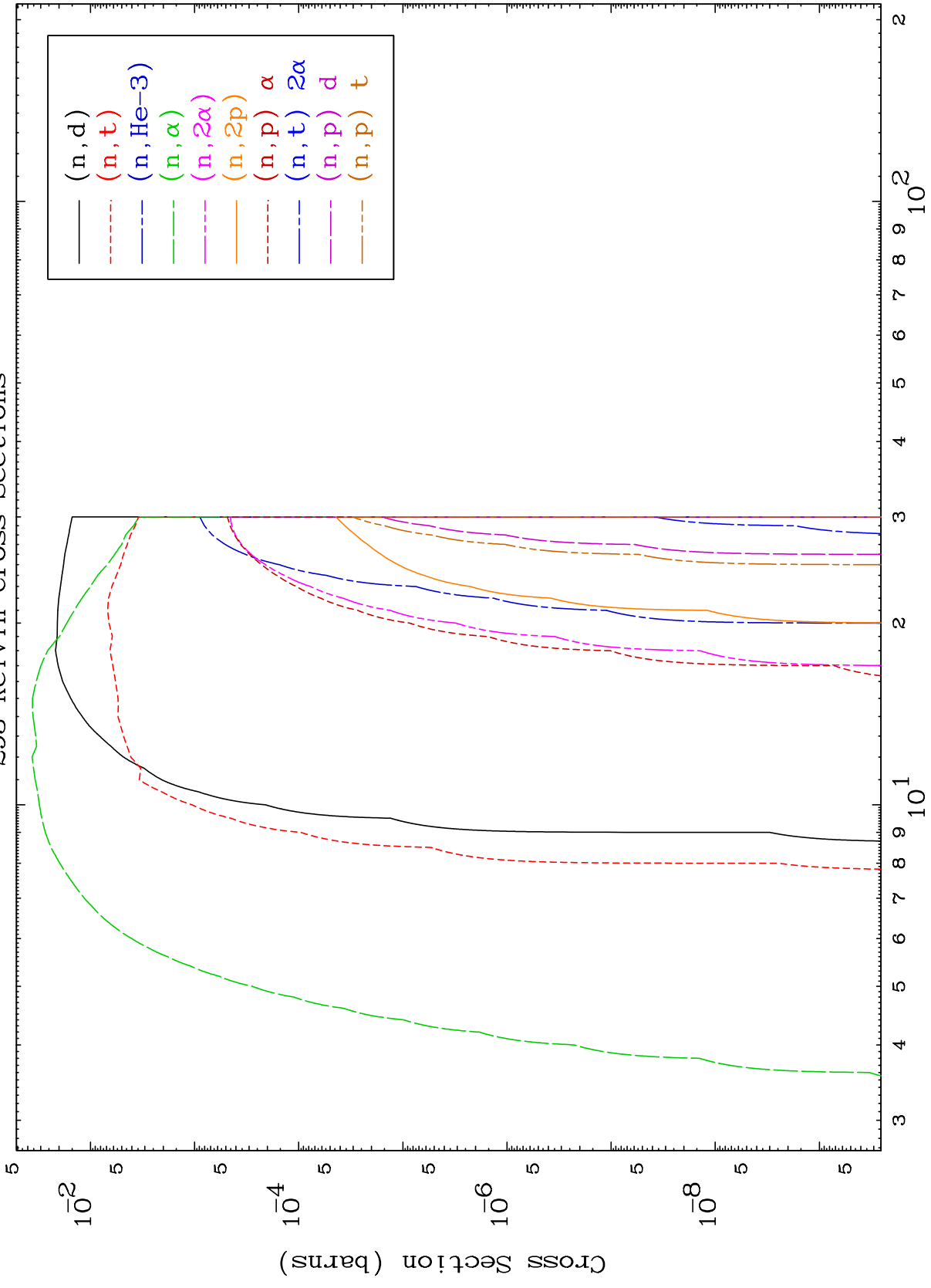


3

Incident Energy (MeV)

11-Na-24

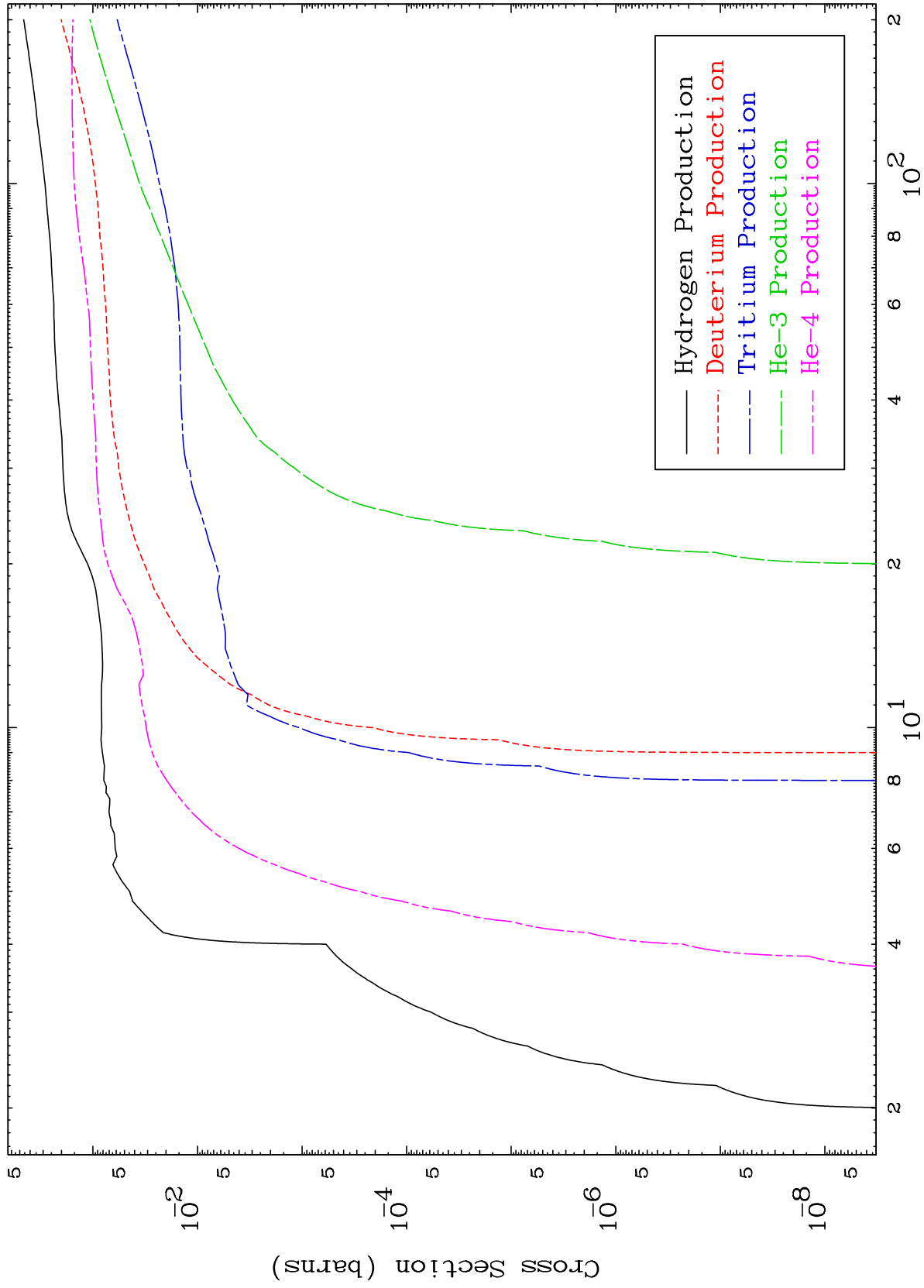




MAT 1128

Particle Production
293 Kelvin Cross Sections

11-Na-24



6

Incident Energy (MeV)

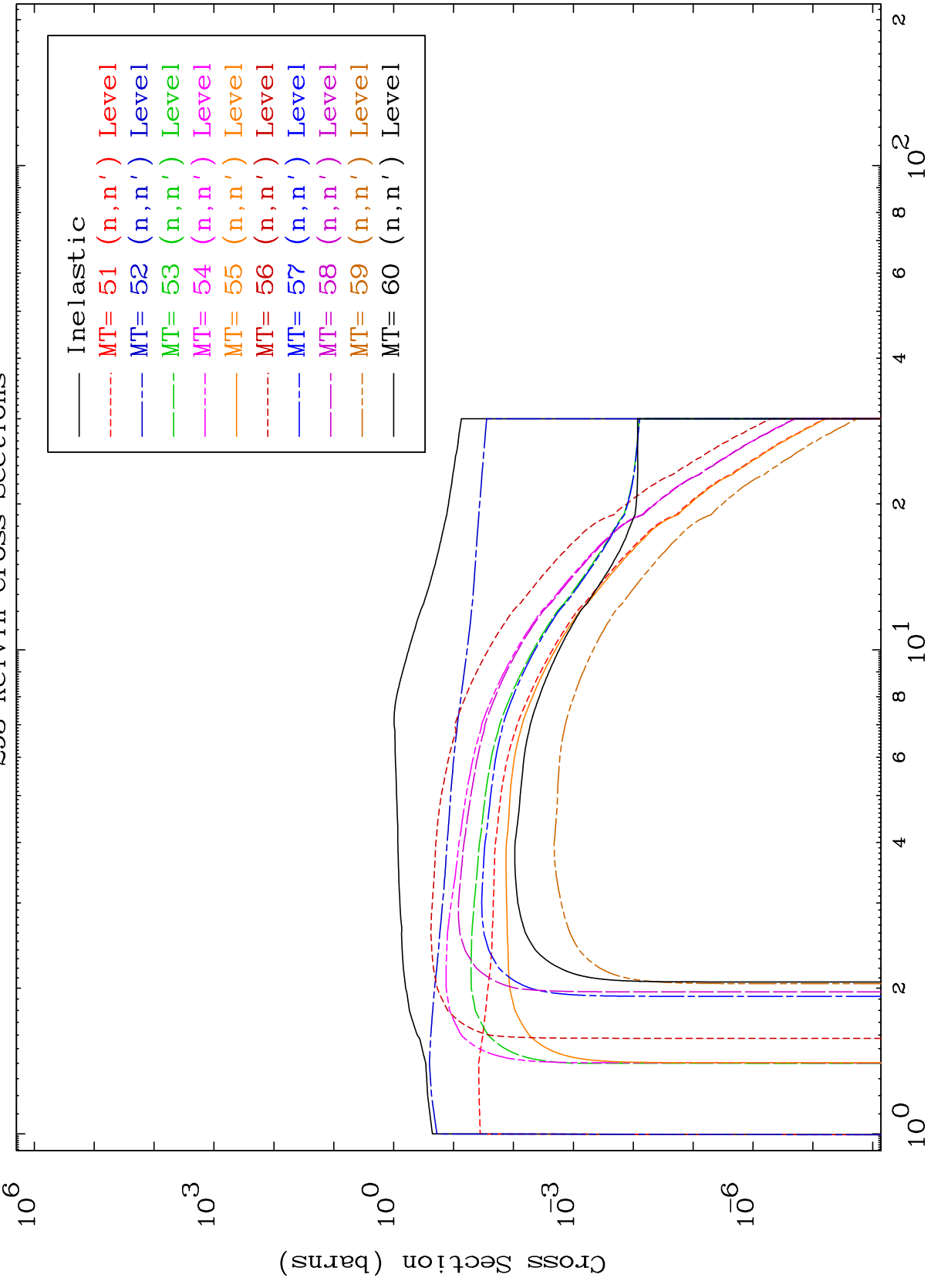
11-Na-24

MAT 1128

(n,n') Level

11-Na-24

293 Kelvin Cross Sections



Incident Energy (MeV)

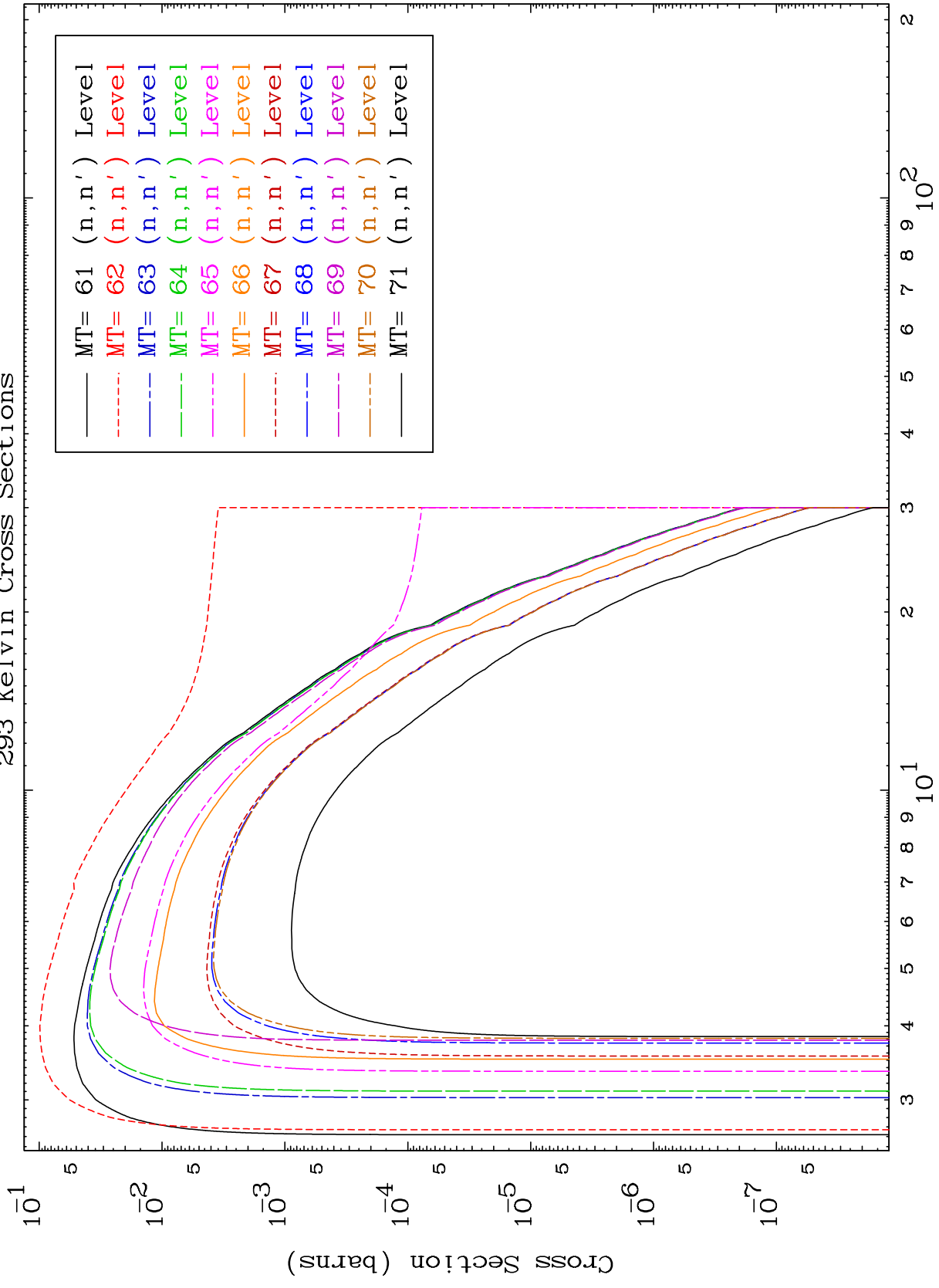
11-Na-24

MAT 1128

(n,n') Level

11-Na-24

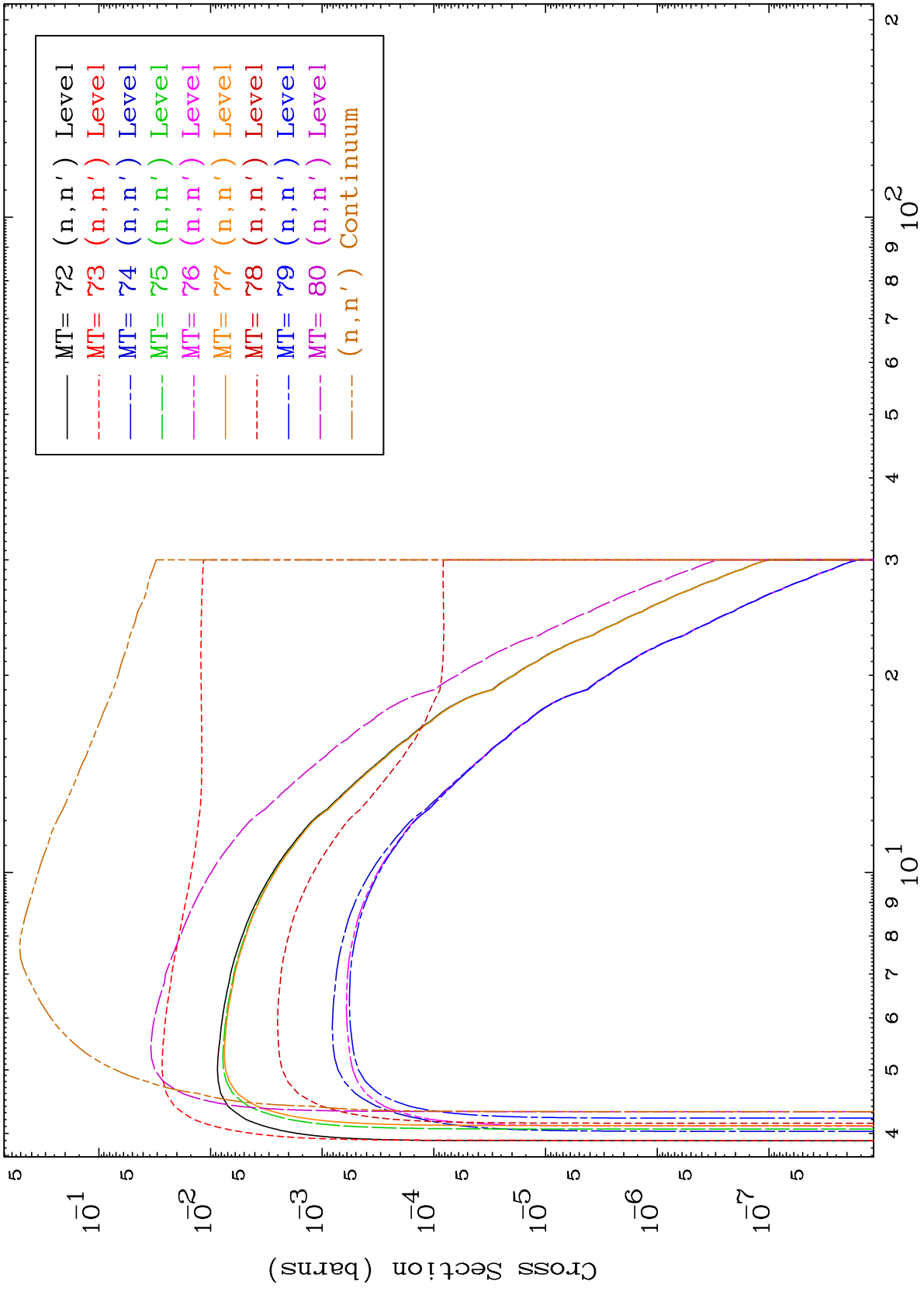
293 Kelvin Cross Sections



8

Incident Energy (MeV)

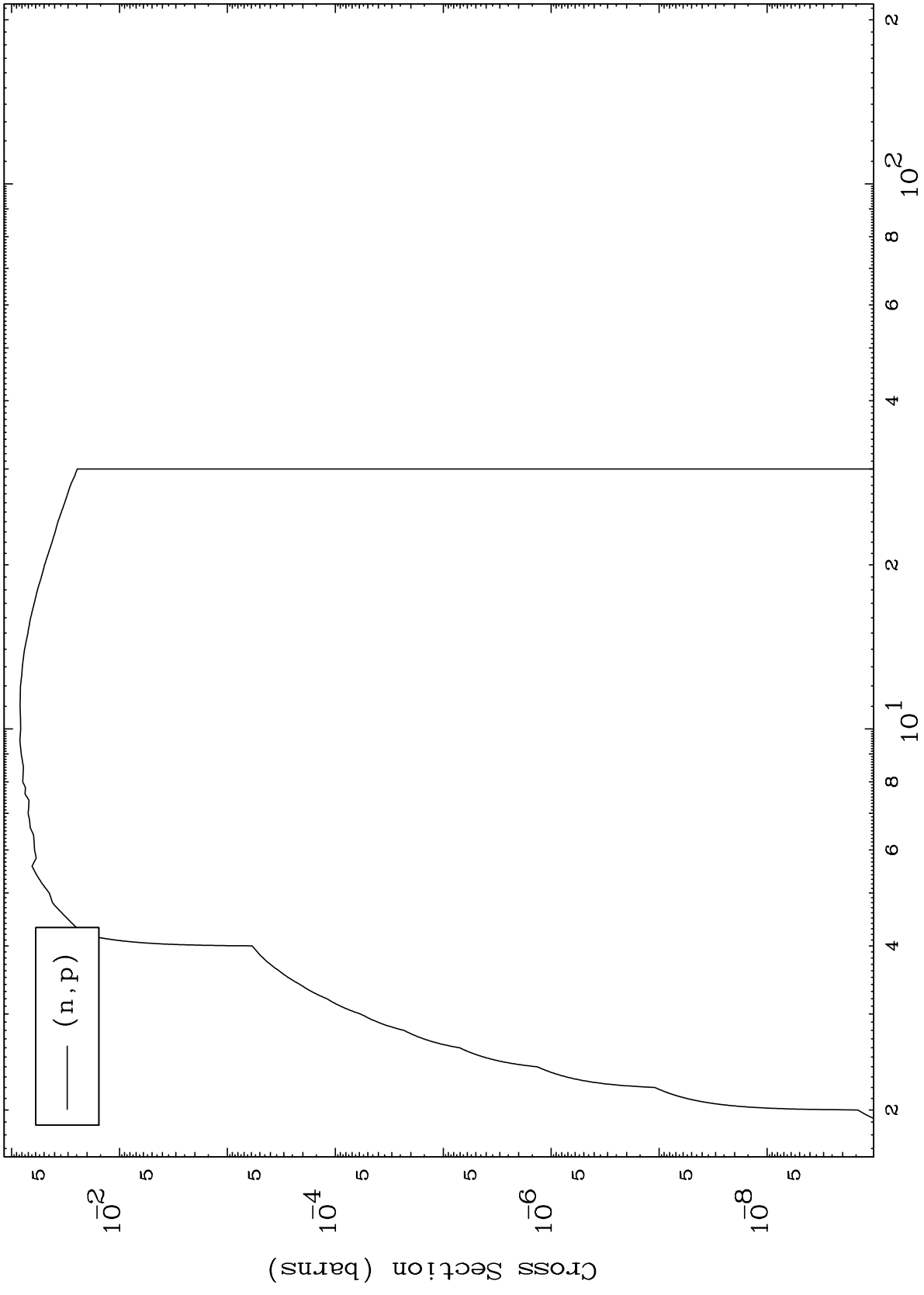
11-Na-24



MAT 1128

(n,p) Levels
293 Kelvin Cross Sections

11-Na-24



10

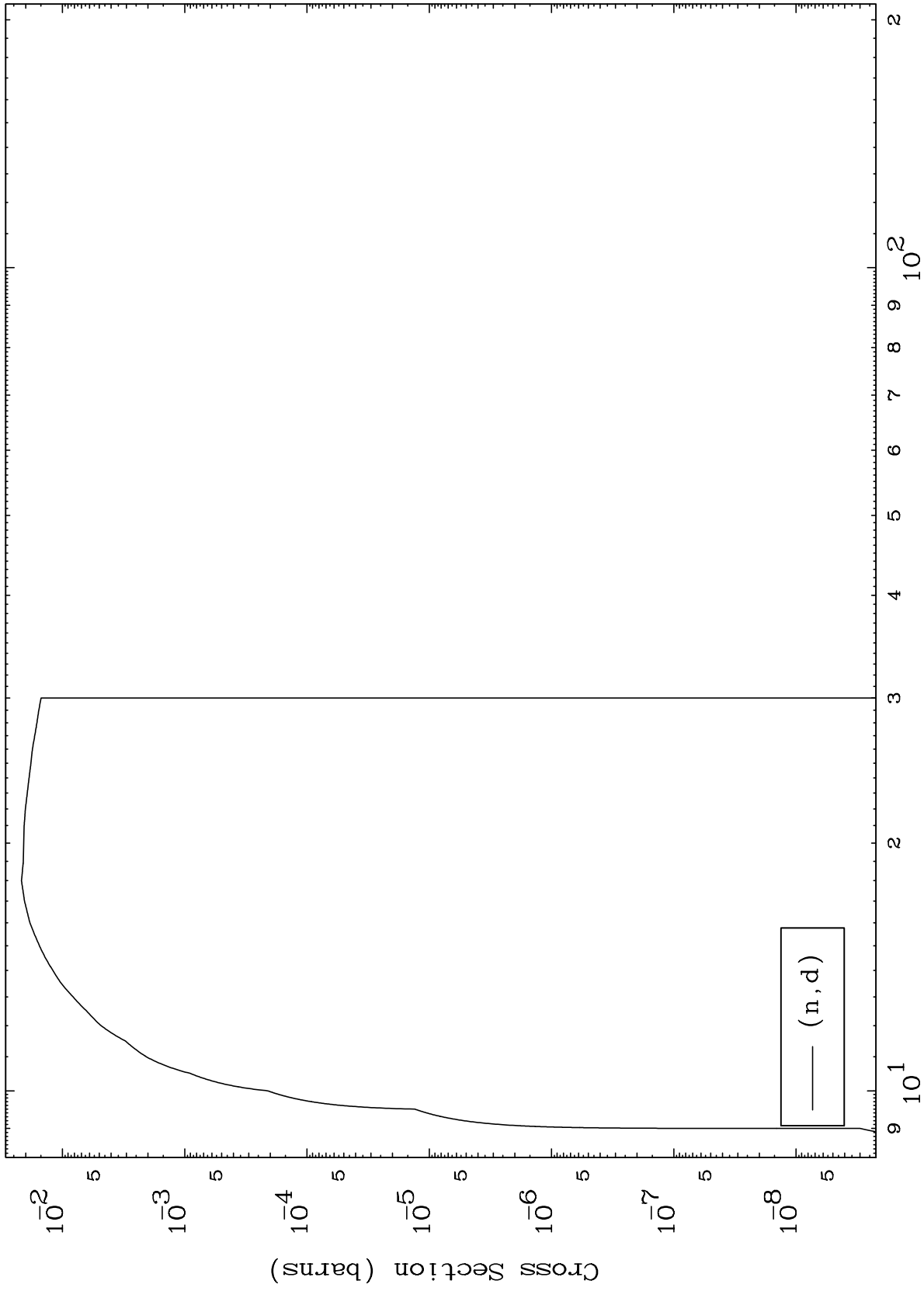
Incident Energy (MeV)

11-Na-24

MAT 1128

(n,d) Levels
293 Kelvin Cross Sections

11-Na-24



11

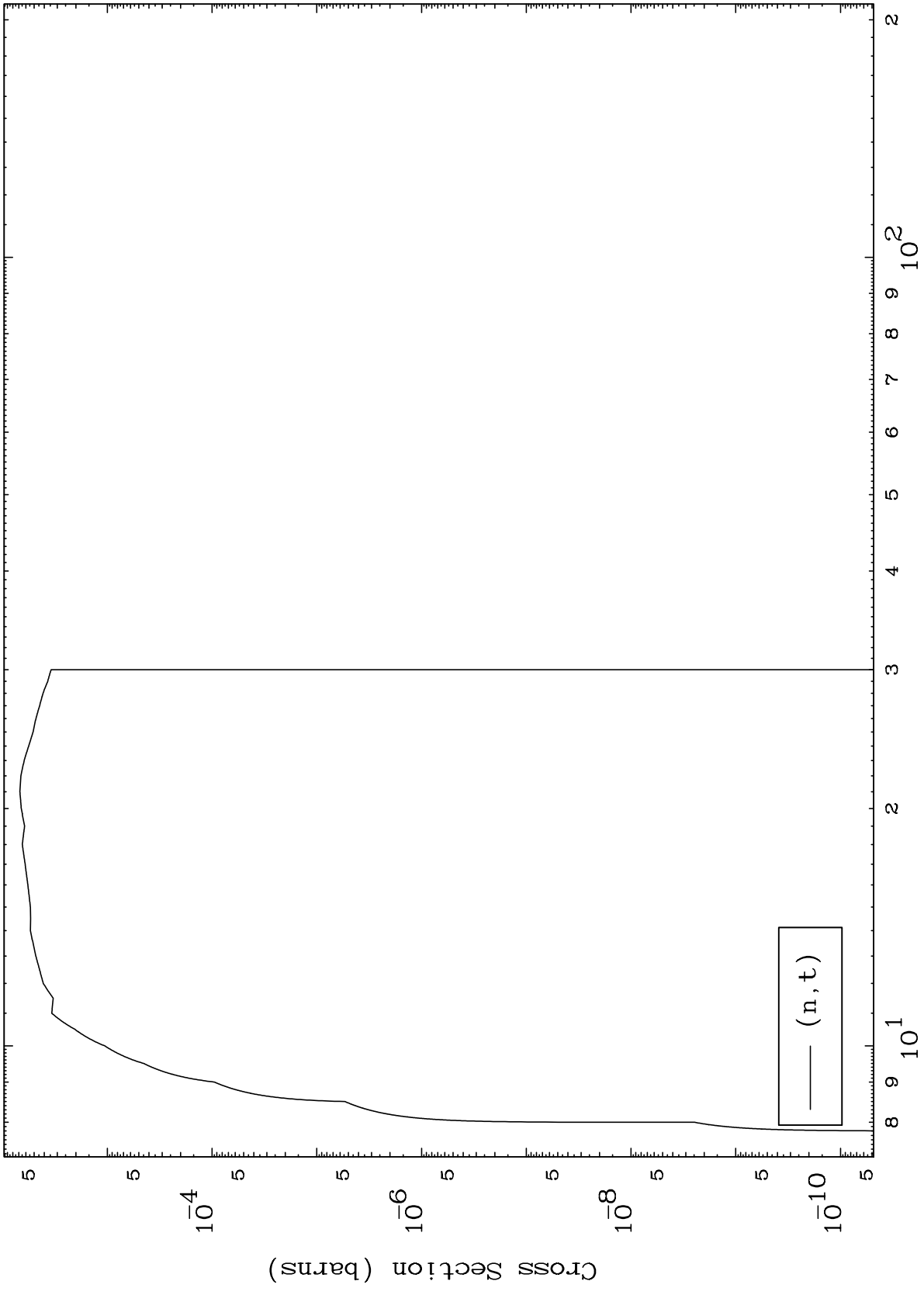
Incident Energy (MeV)

11-Na-24

MAT 1128

(n,t) Levels
293 Kelvin Cross Sections

11-Na-24



12

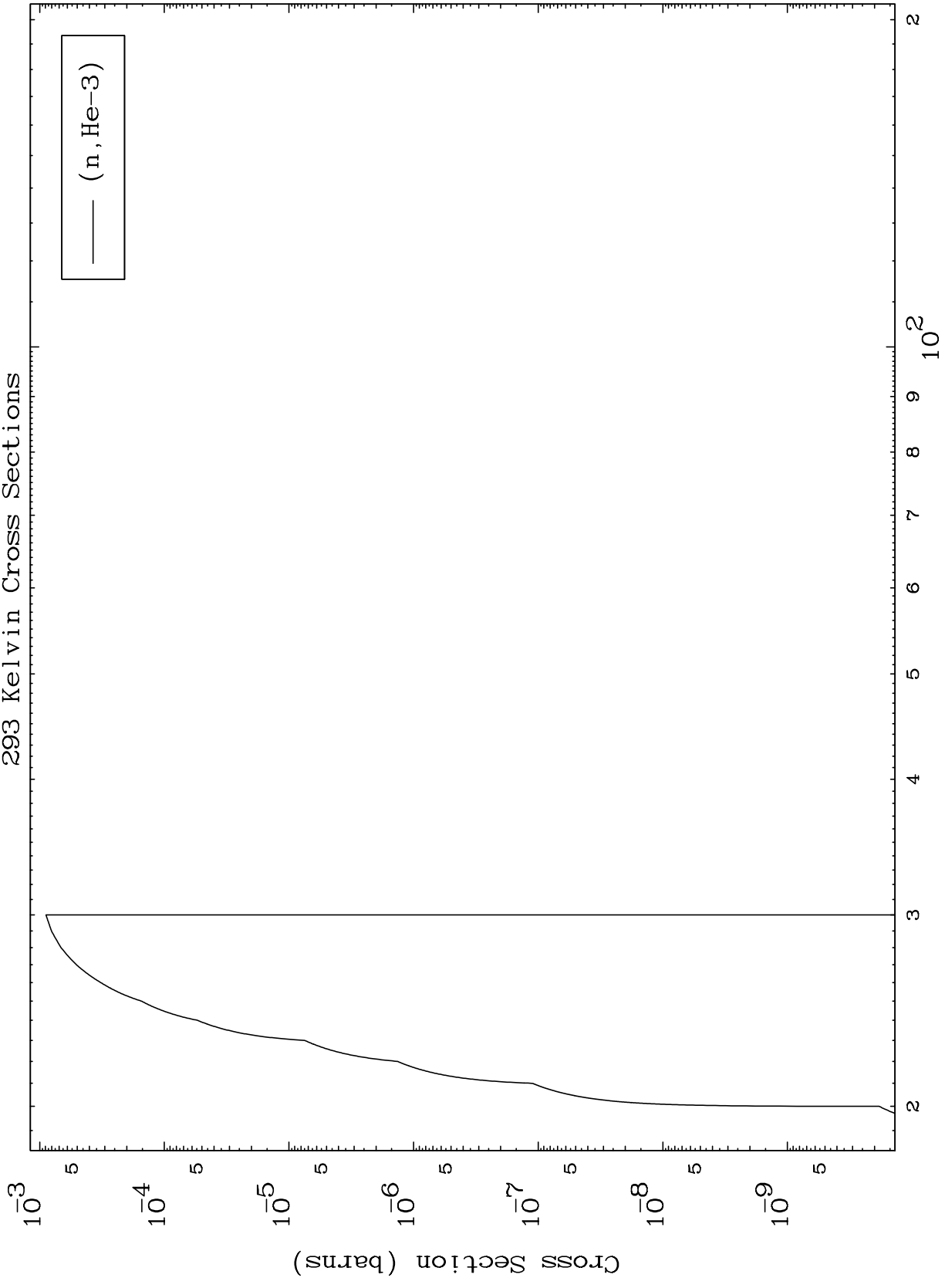
Incident Energy (MeV)

11-Na-24

MAT 1128

(n,He3) Levels
293 Kelvin Cross Sections

11-Na-24



13

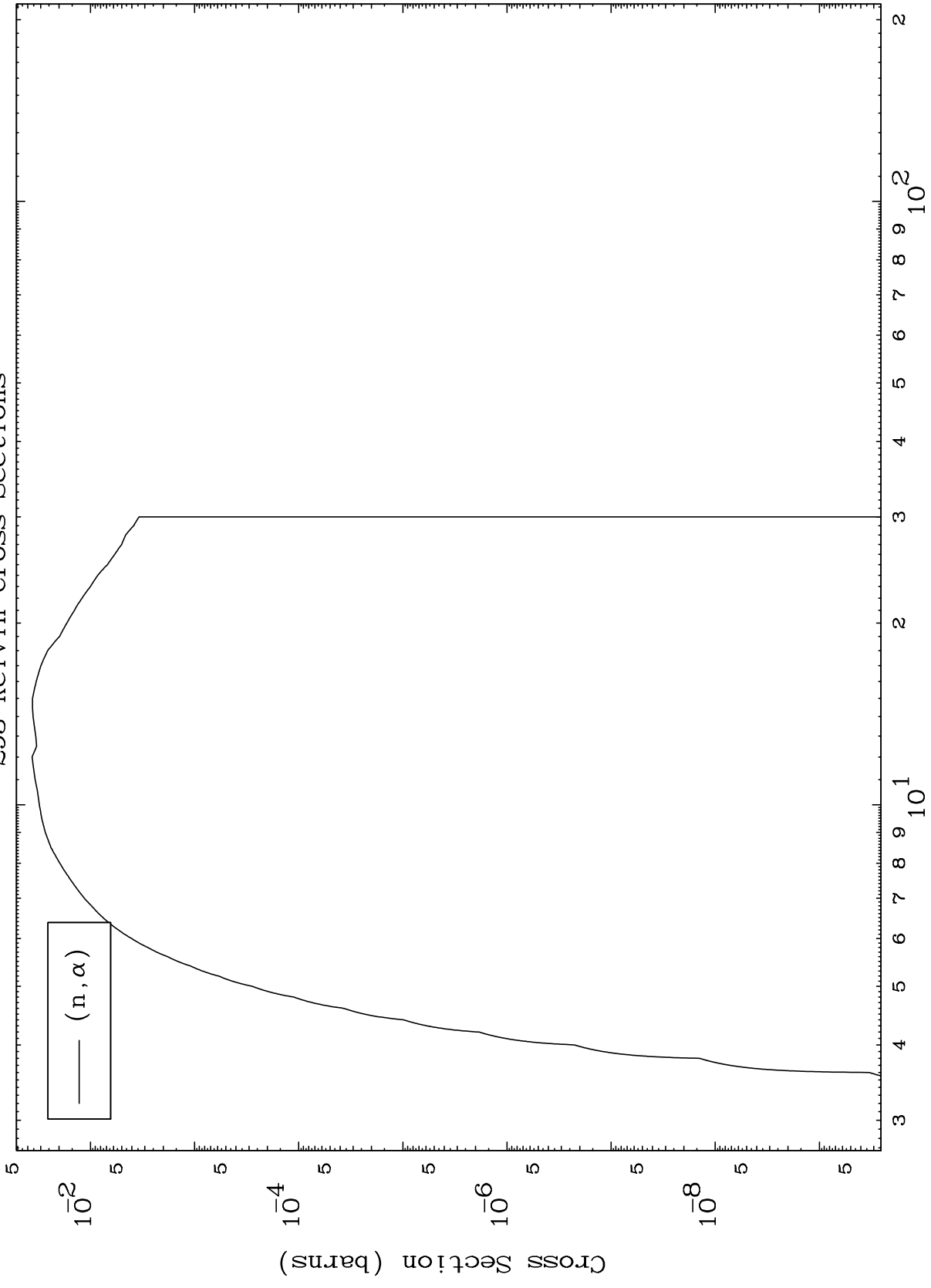
Incident Energy (MeV)

11-Na-24

MAT 1128

(n,α) Levels
293 Kelvin Cross Sections

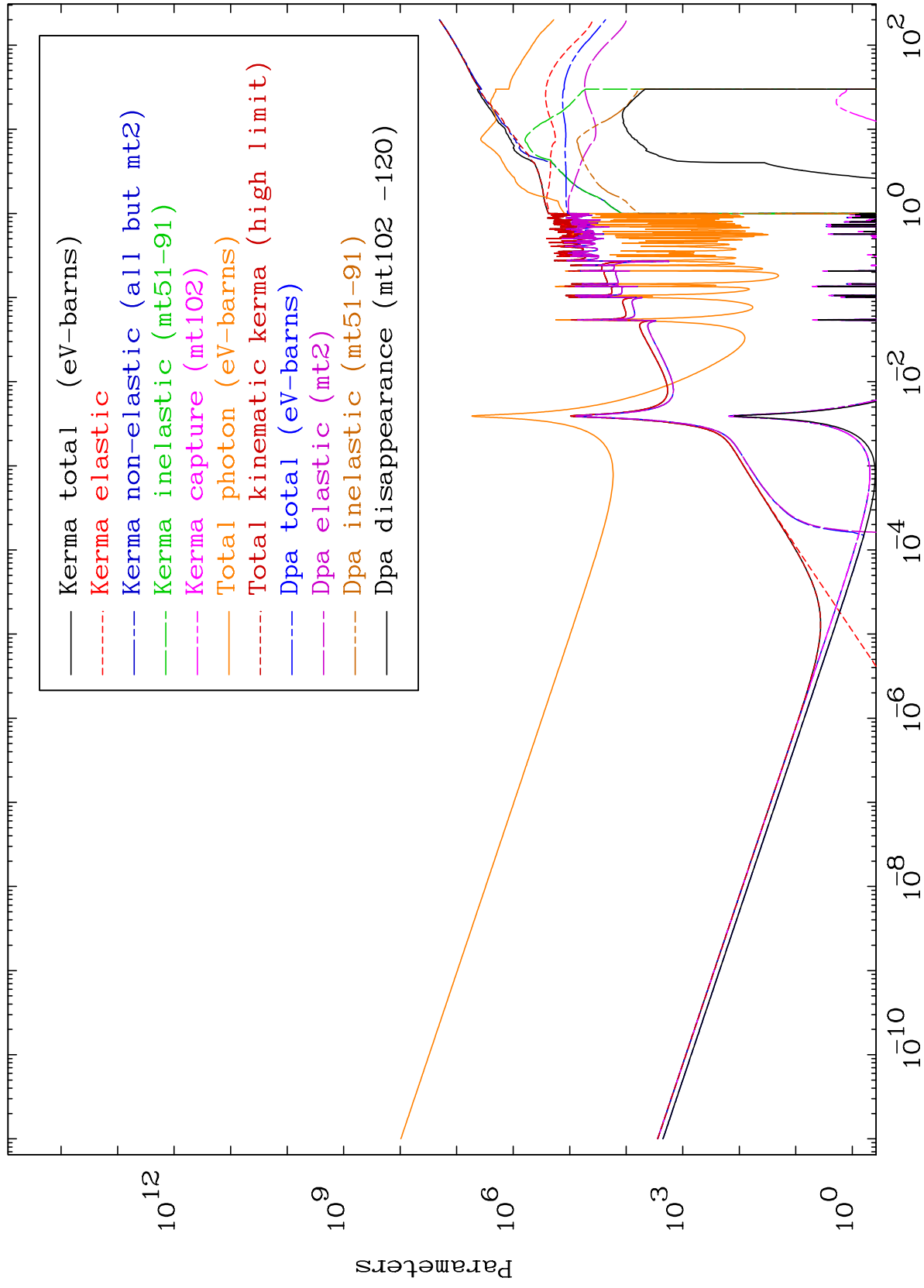
11-Na-24



14

Incident Energy (MeV)

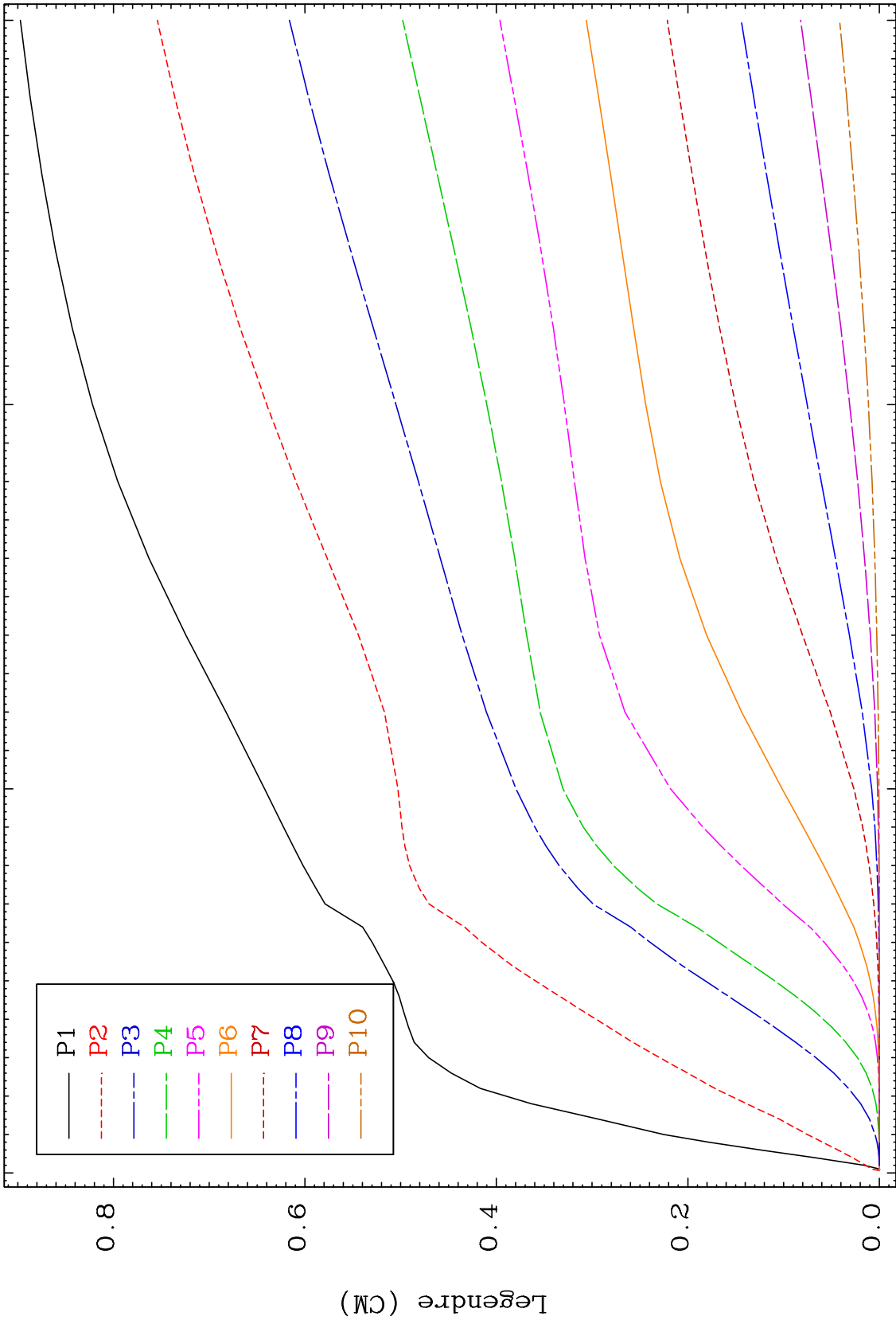
11-Na-24



MAT 1128

Elastic Legendre Coefficients

11-Na-24



16

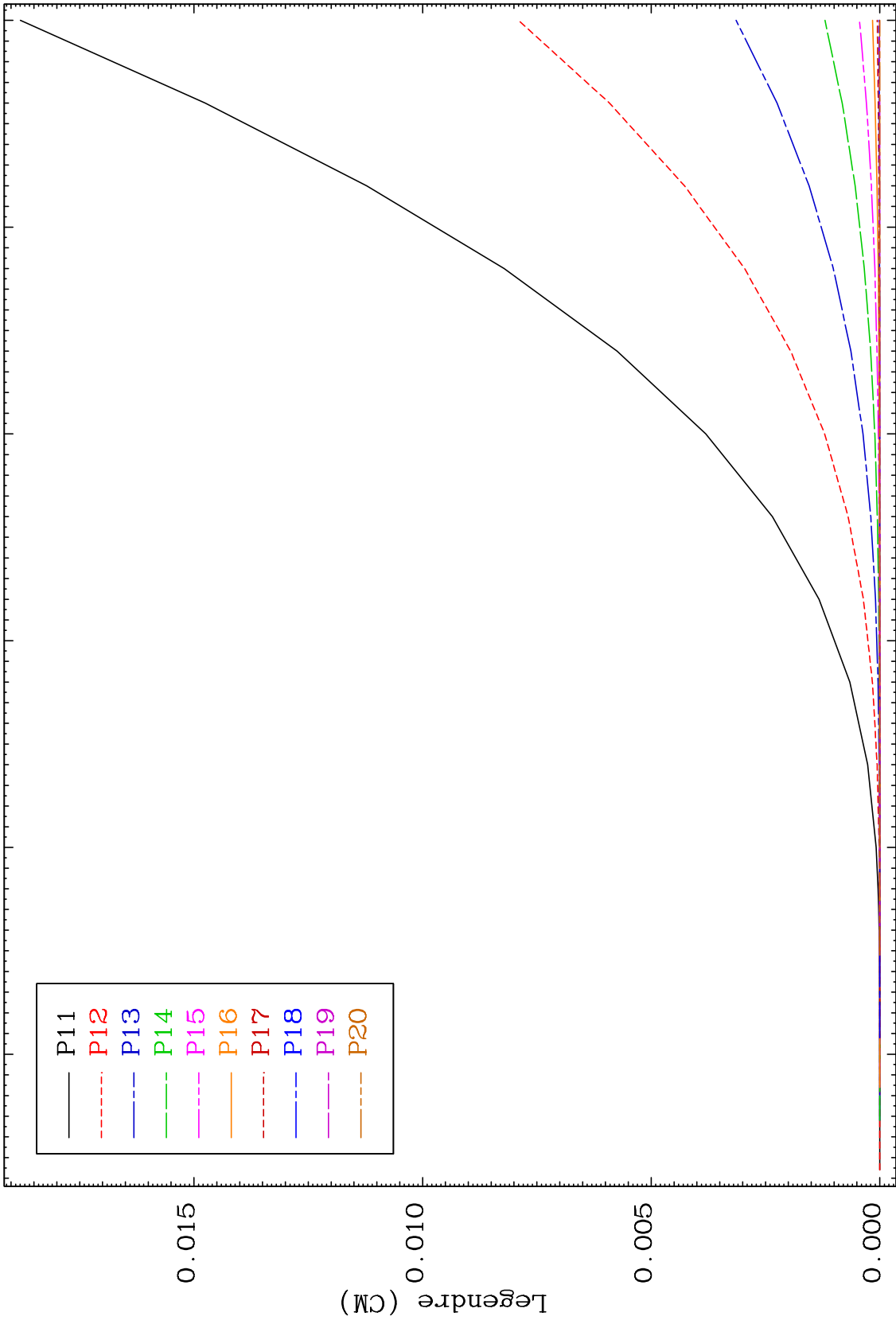
Incident Energy (MeV)

11-Na-24

MAT 1128

Elastic Legendre Coefficients

11-Na-24



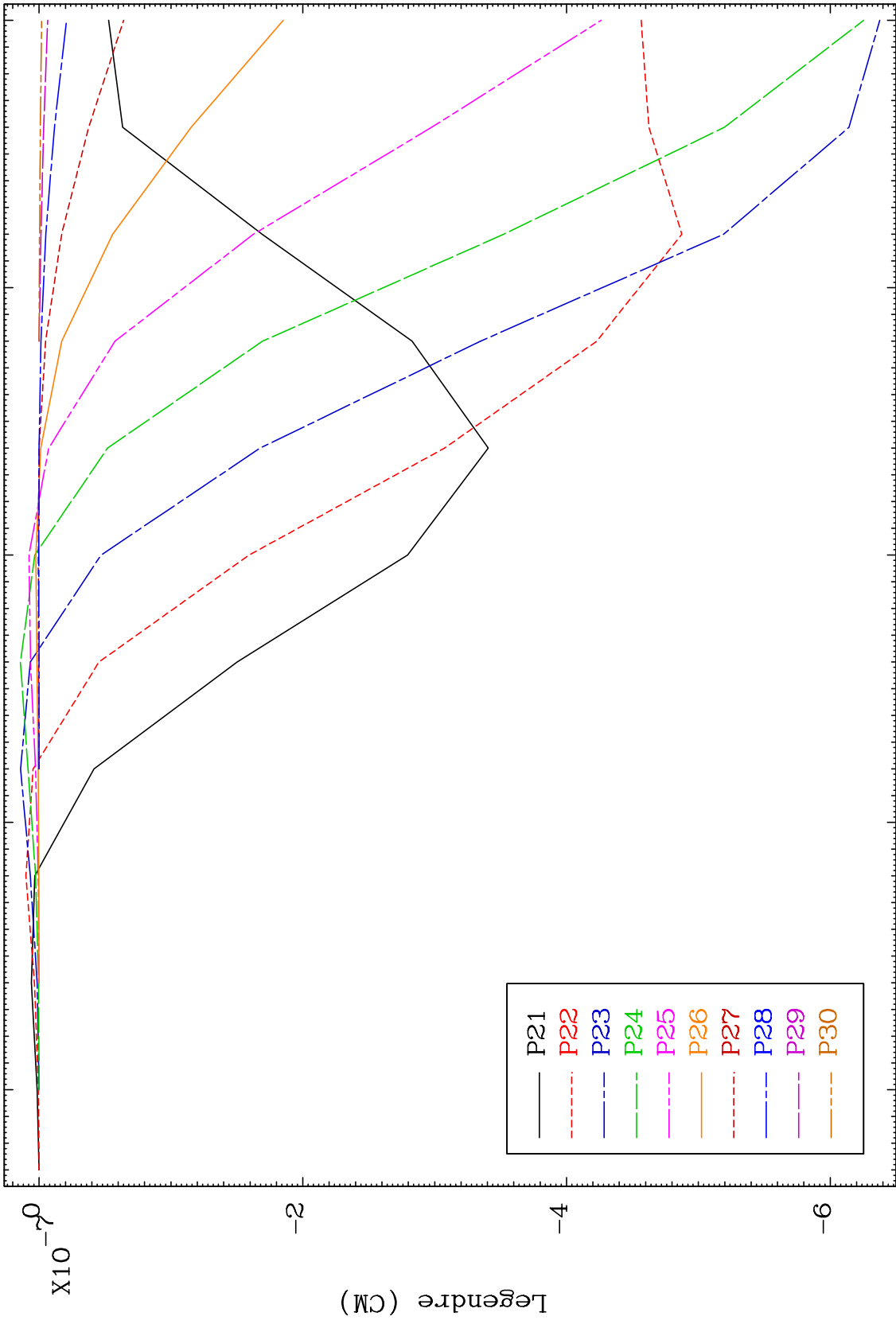
17

11-Na-24

MAT 1128

Elastic Legendre Coefficients

11-Na-24



18

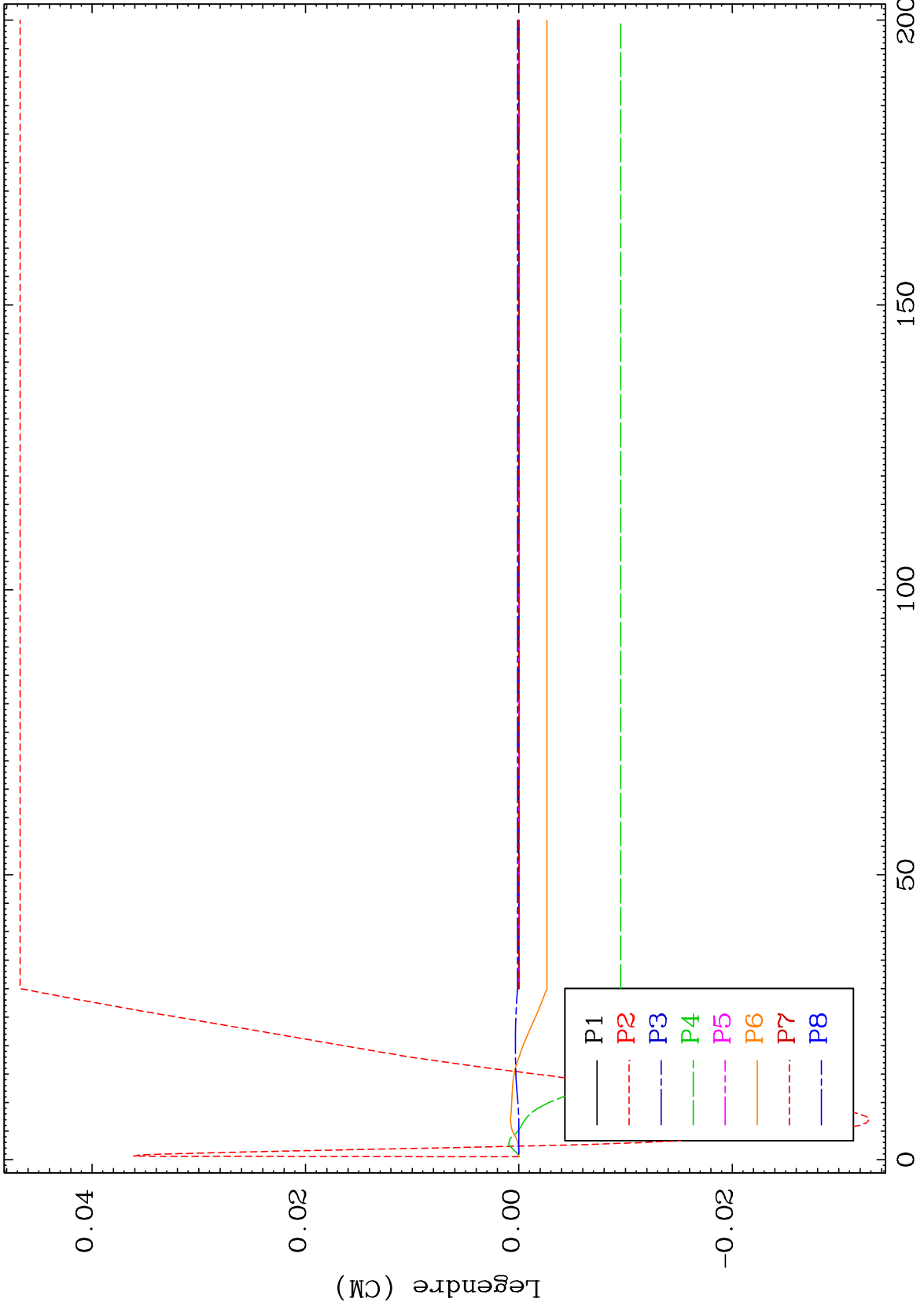
Incident Energy (MeV)

11-Na-24

MAT 1128

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

11-Na-24



19

Incident Energy (MeV)

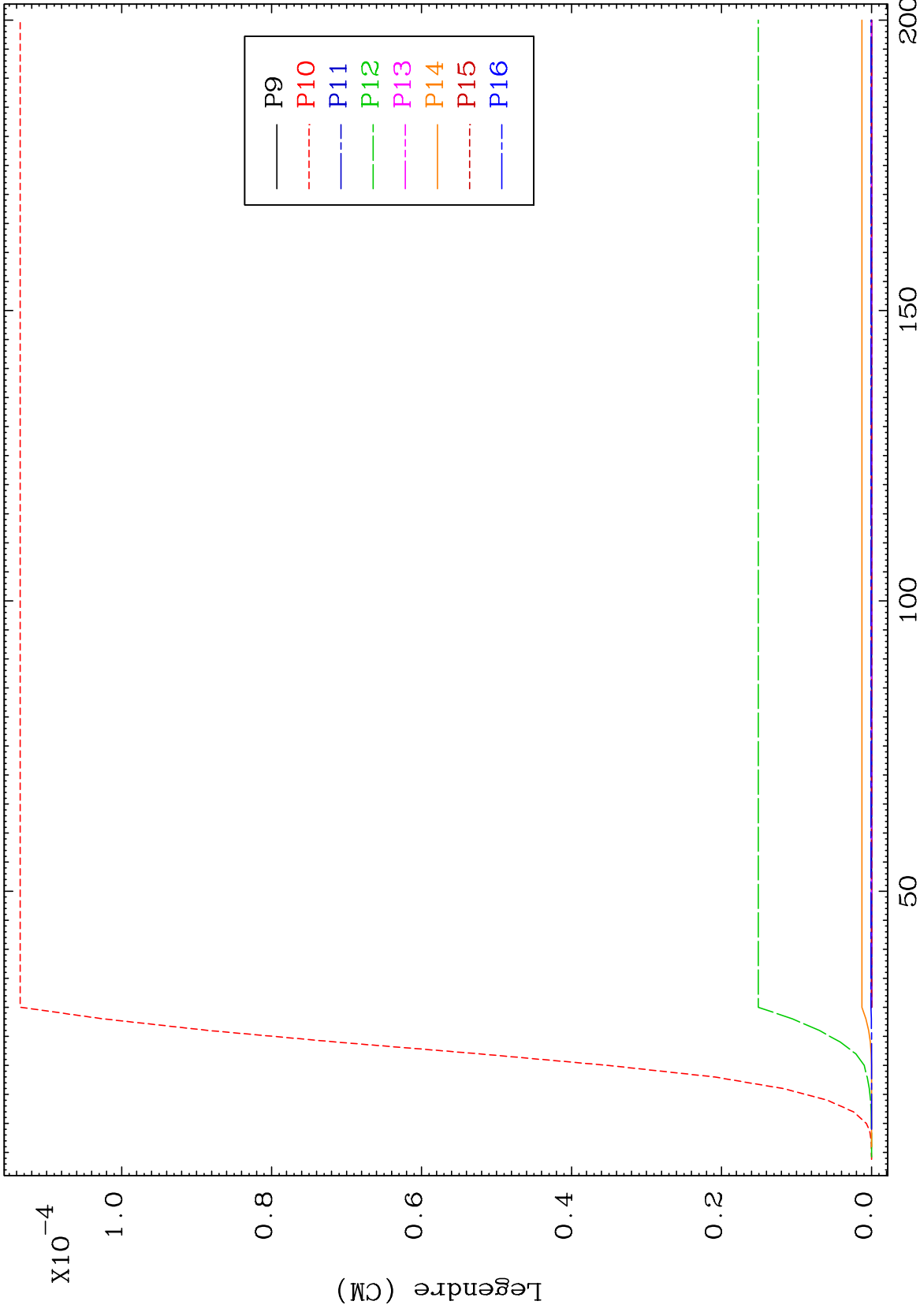
11-Na-24

MAT 1128

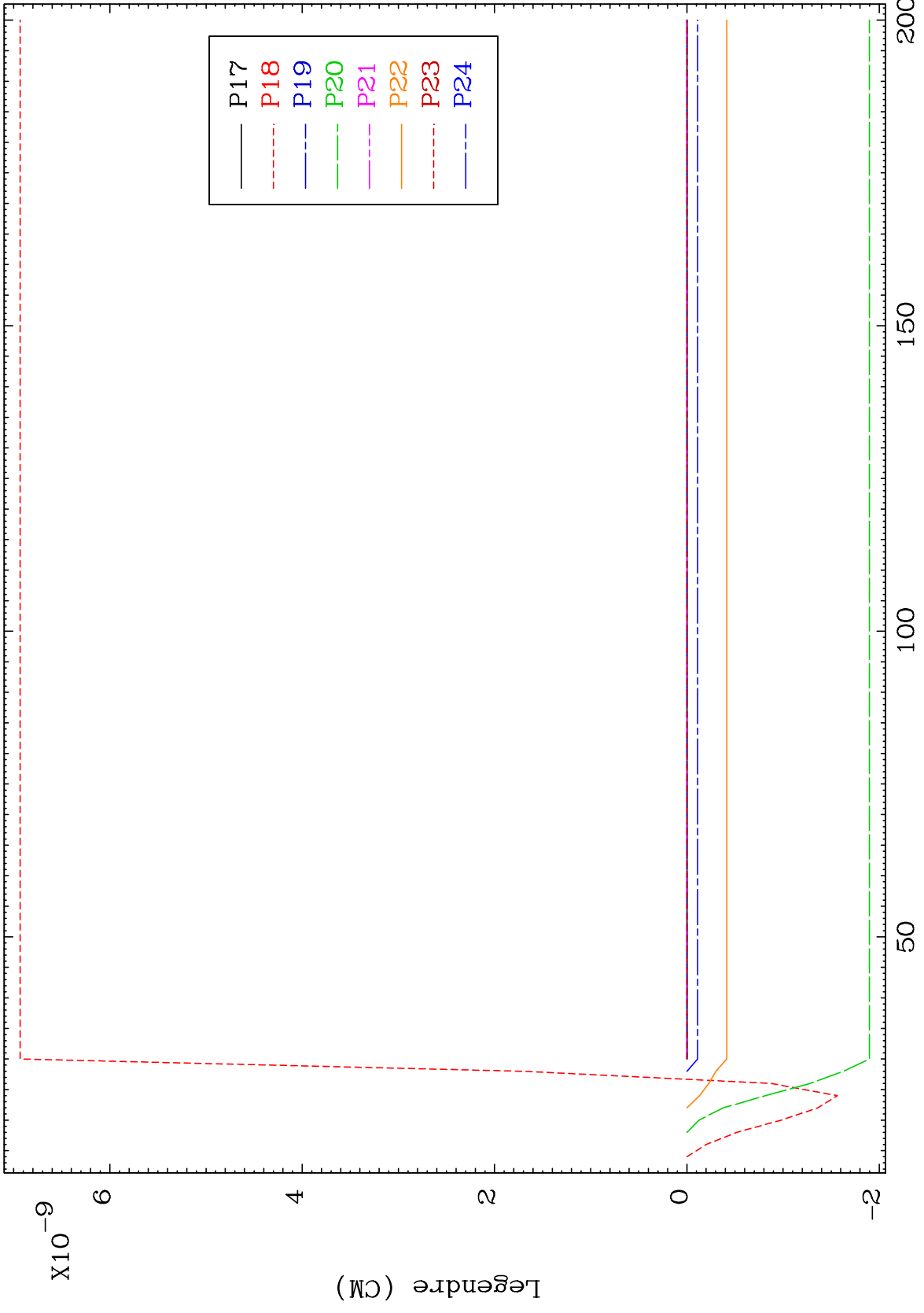
MT= 51 (n,n') Level
Legendre Coefficients

11-Na-24

Incident Energy (MeV)



MAT 1128 MT= 51 (n,n') Level Legendre Coefficients 11-Na-24

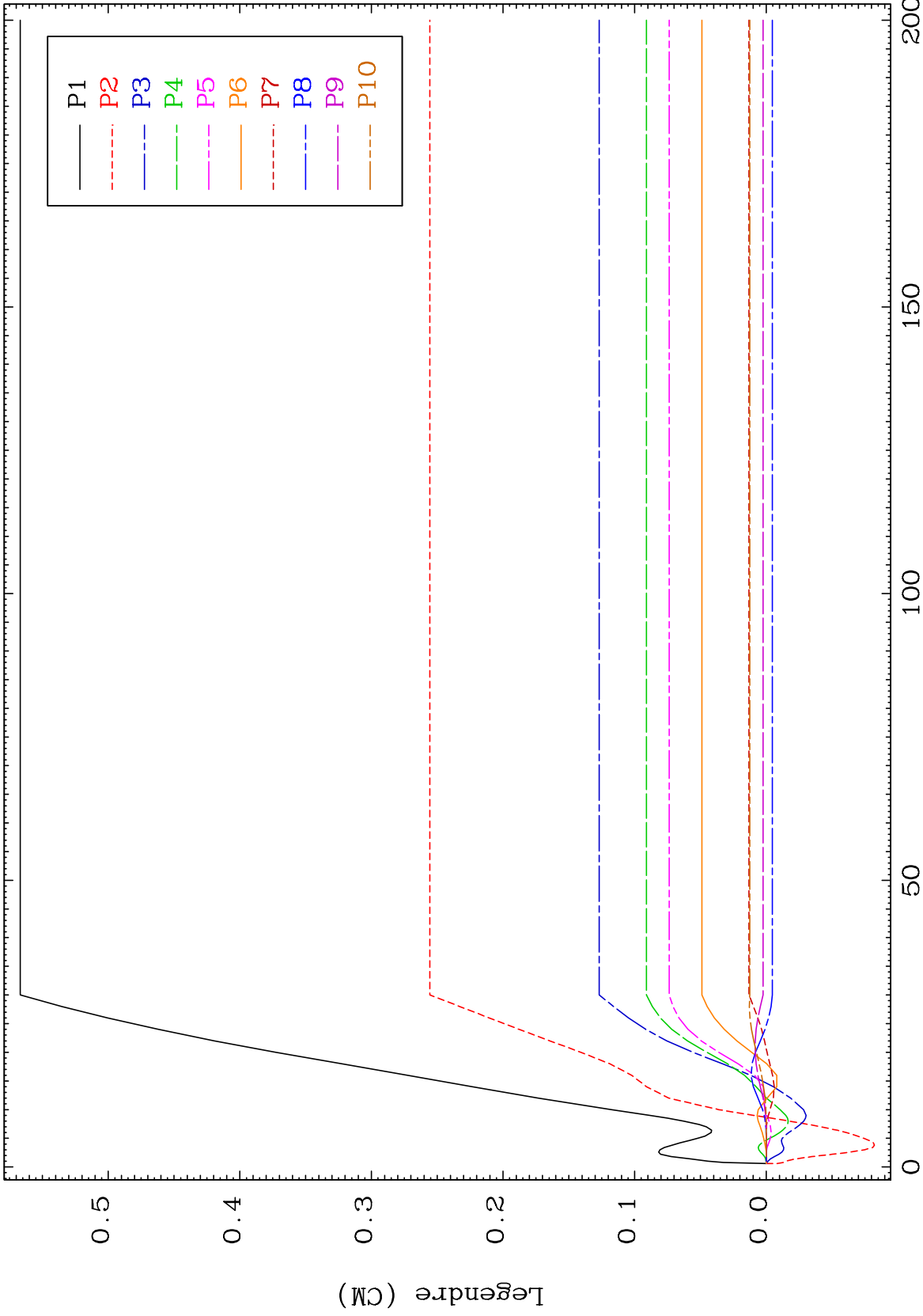


21 11-Na-24

MAT 1128

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

11-Na-24



22

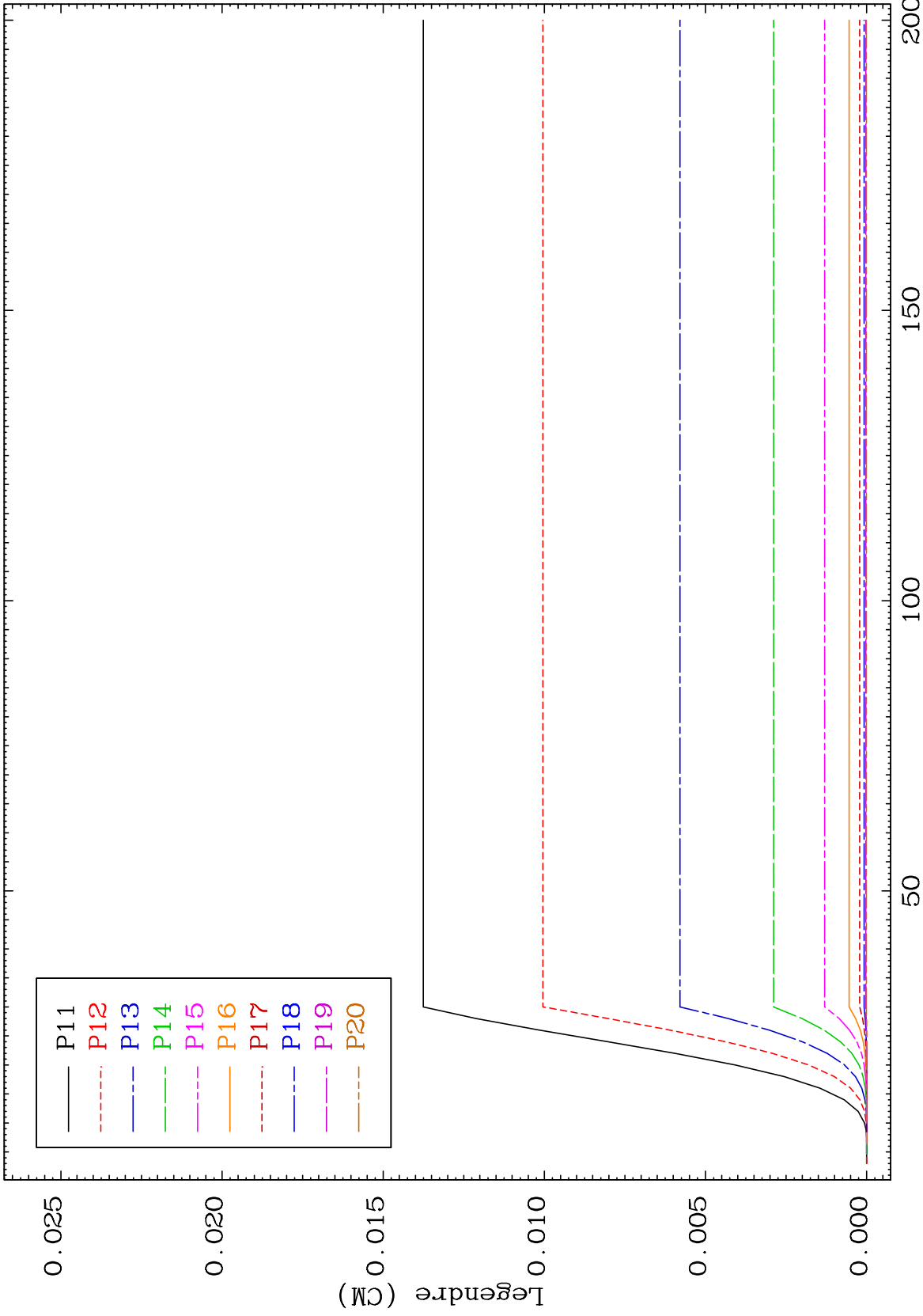
Incident Energy (MeV)

11-Na-24

MAT 1128

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

11-Na-24



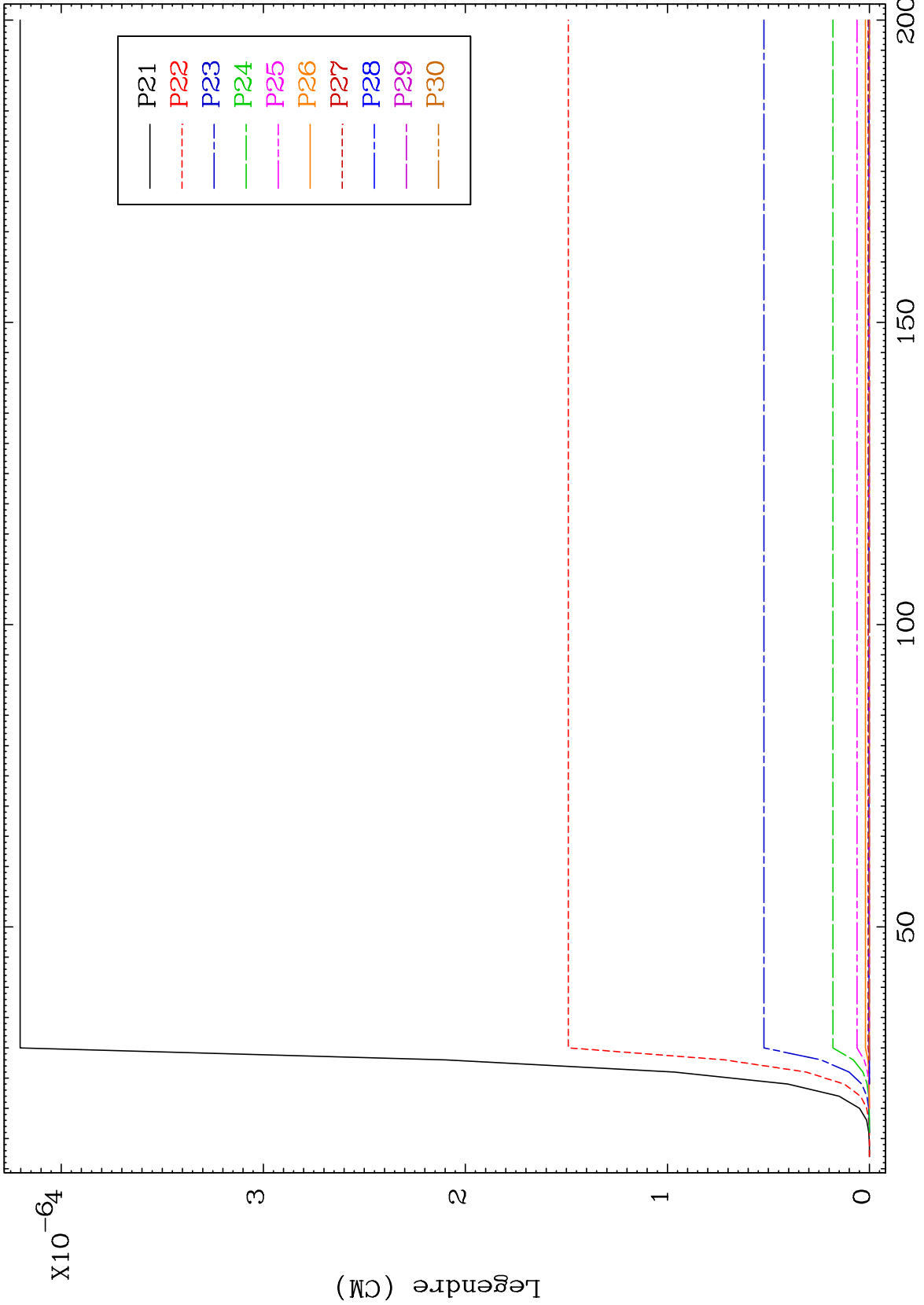
23

11-Na-24

MAT 1128

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

11-Na-24



24

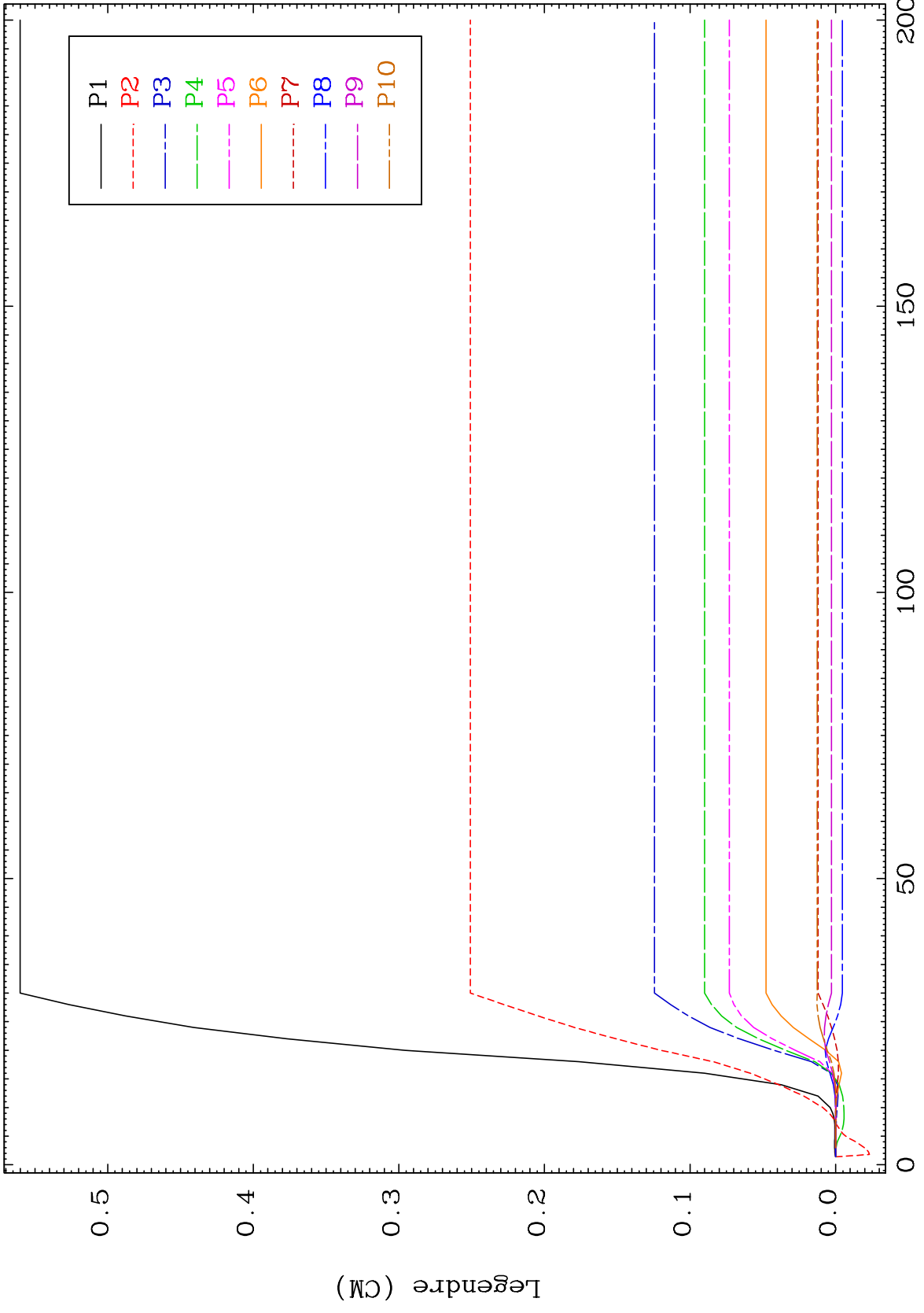
Incident Energy (MeV)

11-Na-24

MAT 1128

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

11-Na-24



25

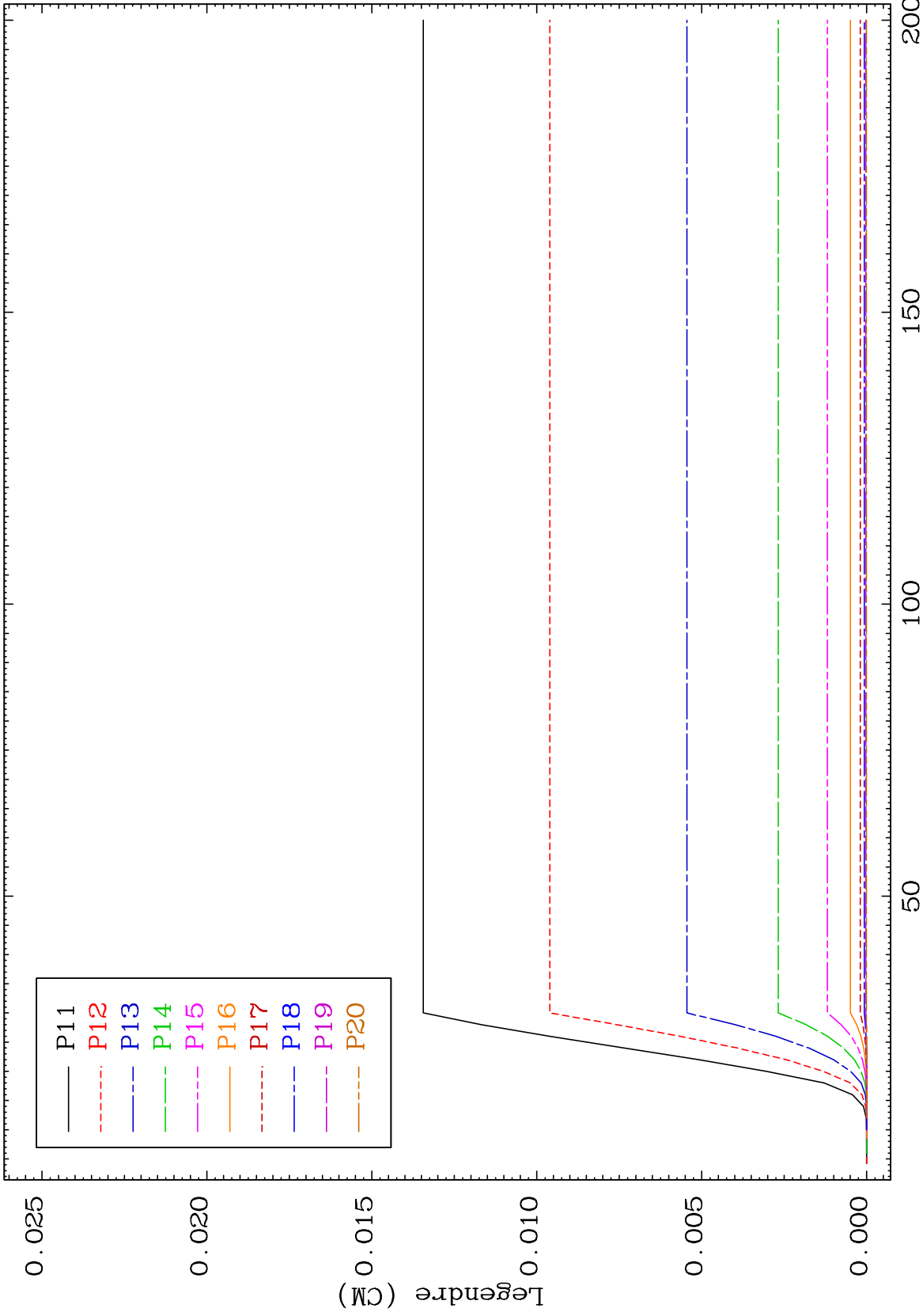
Incident Energy (MeV)

11-Na-24

MAT 1128

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

11-Na-24



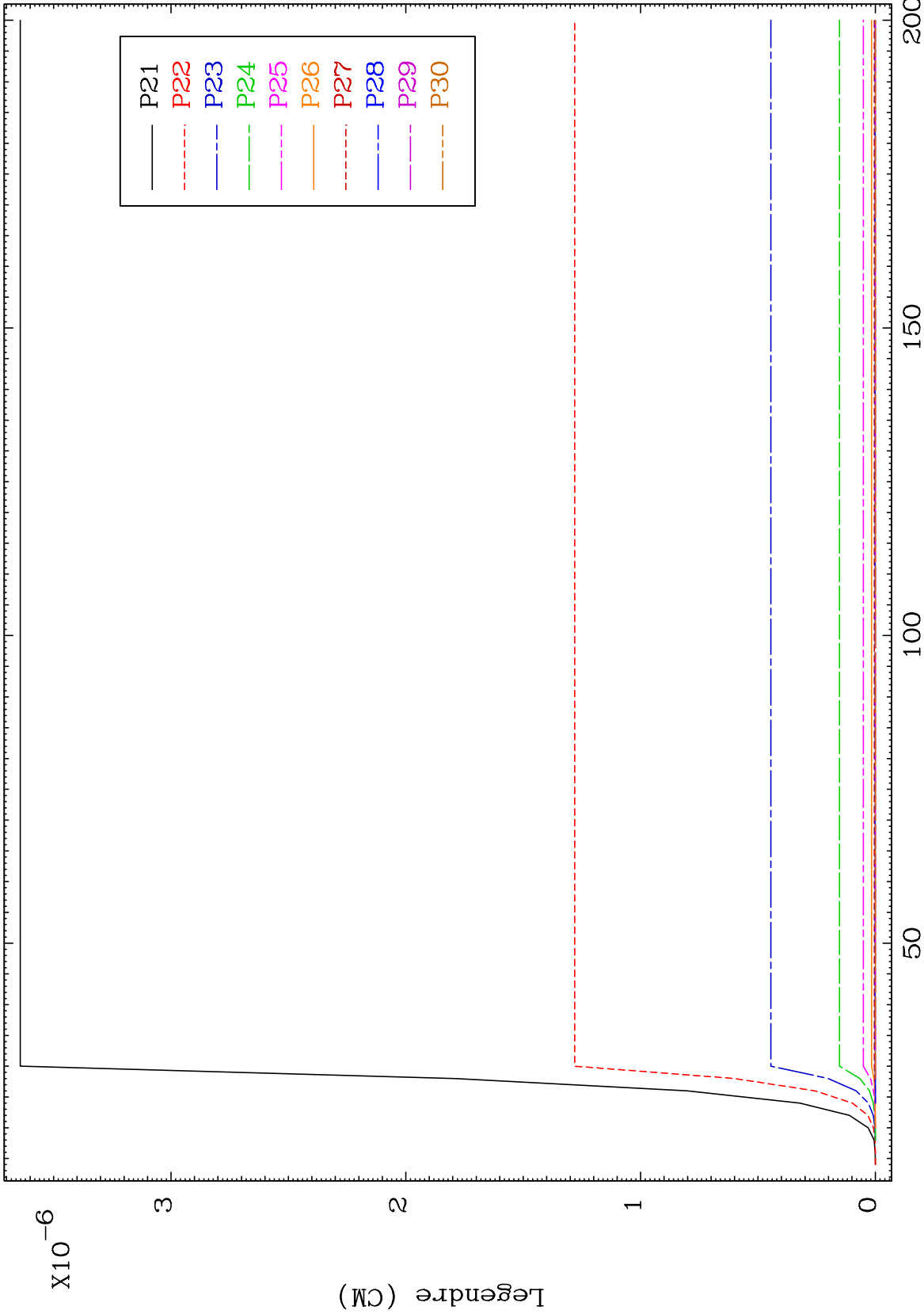
26

11-Na-24

MAT 1128

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

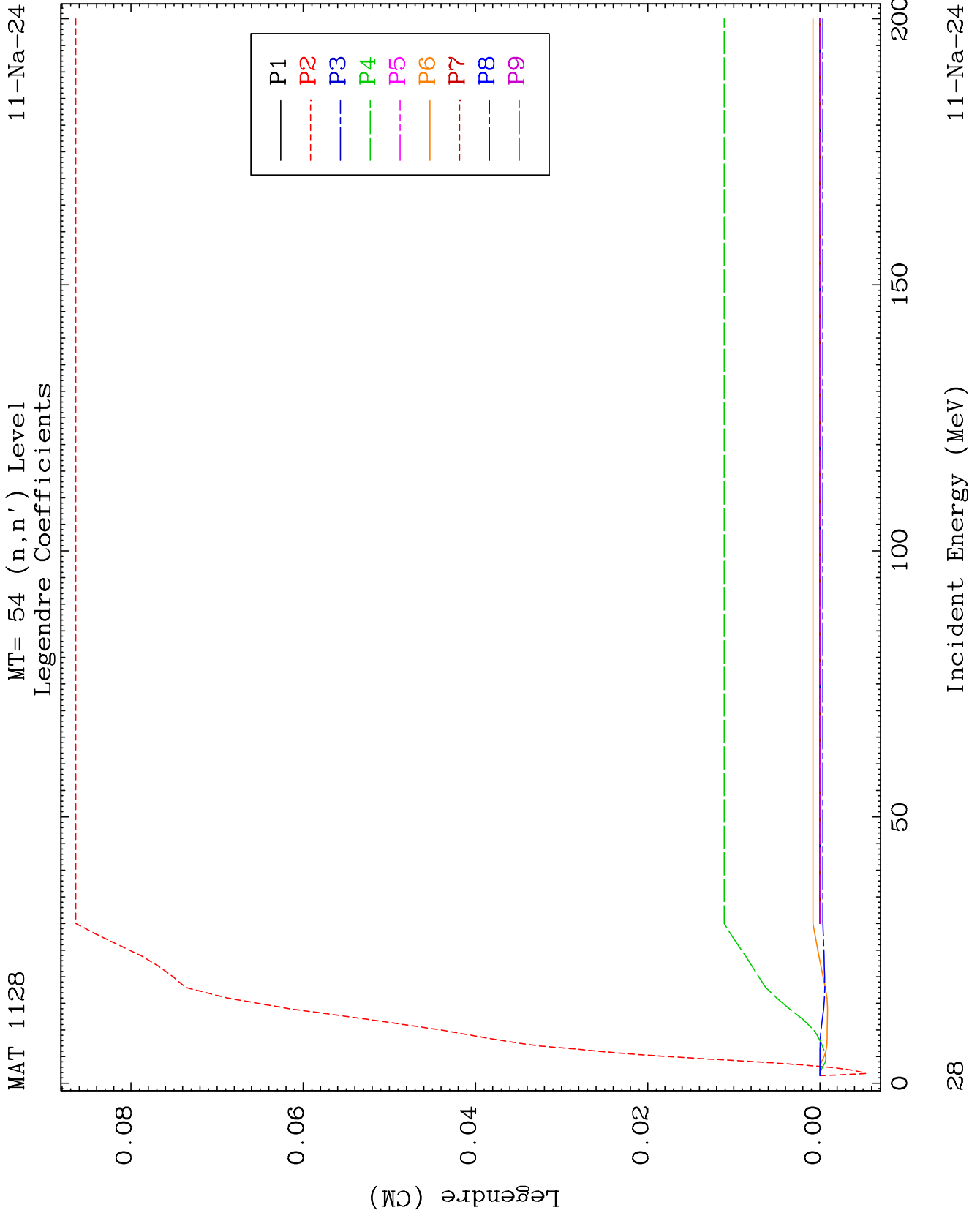
11-Na-24



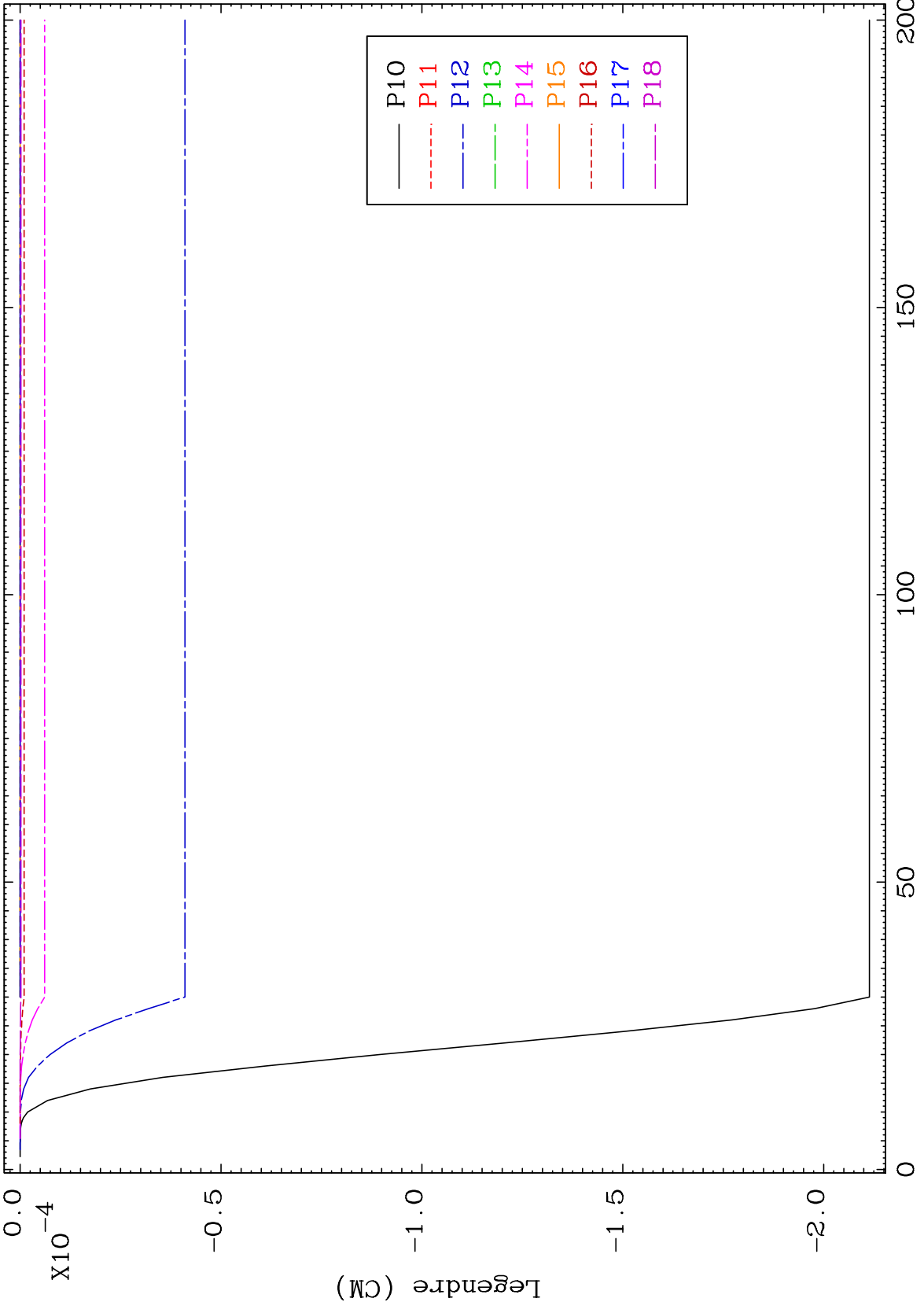
27

Incident Energy (MeV)

11-Na-24

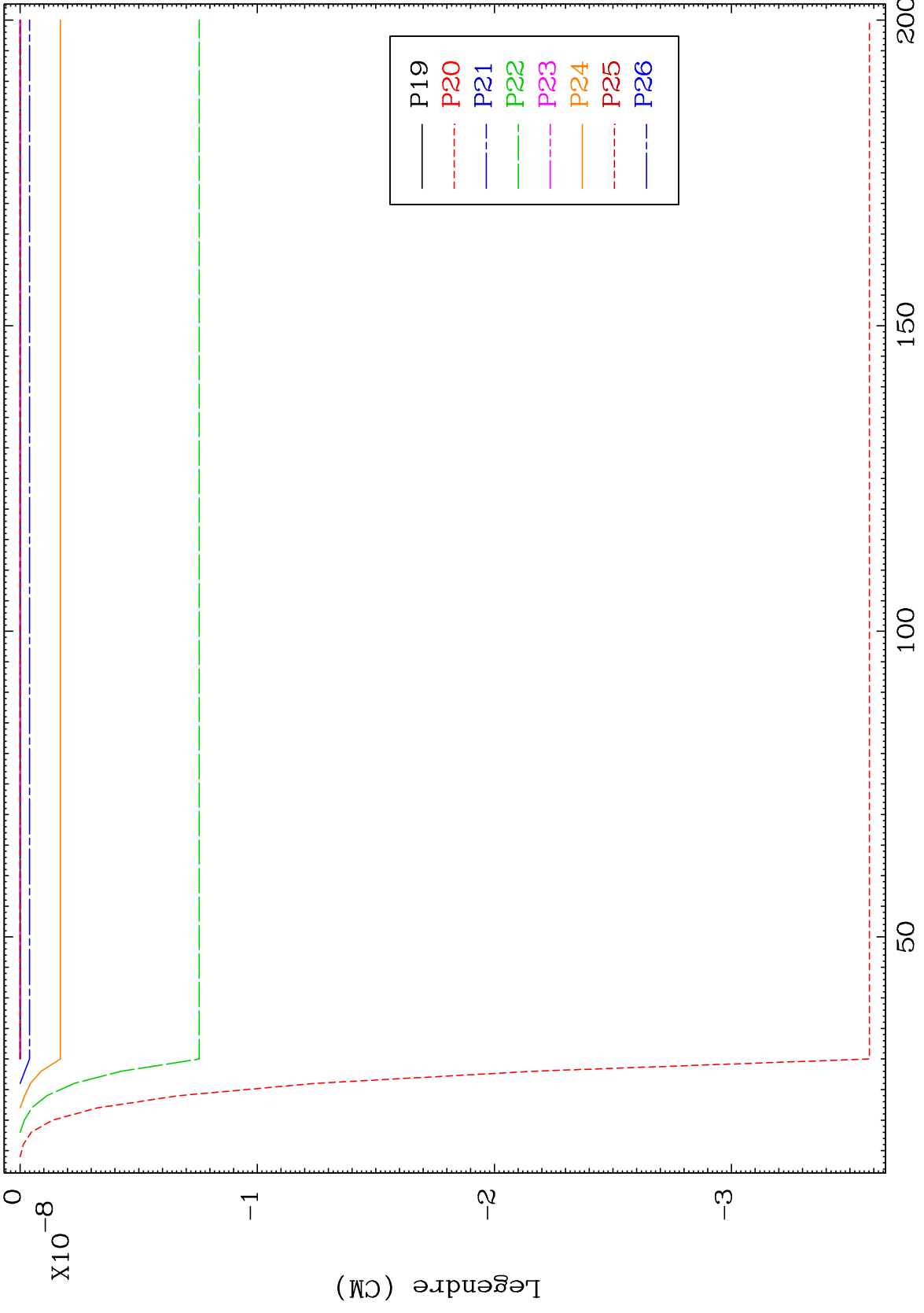


MAT 1128 MT= 54 (n,n') Level Legendre Coefficients 11-Na-24



29 11-Na-24

MAT 1128 MT= 54 (n,n') Level Legendre Coefficients 11-Na-24

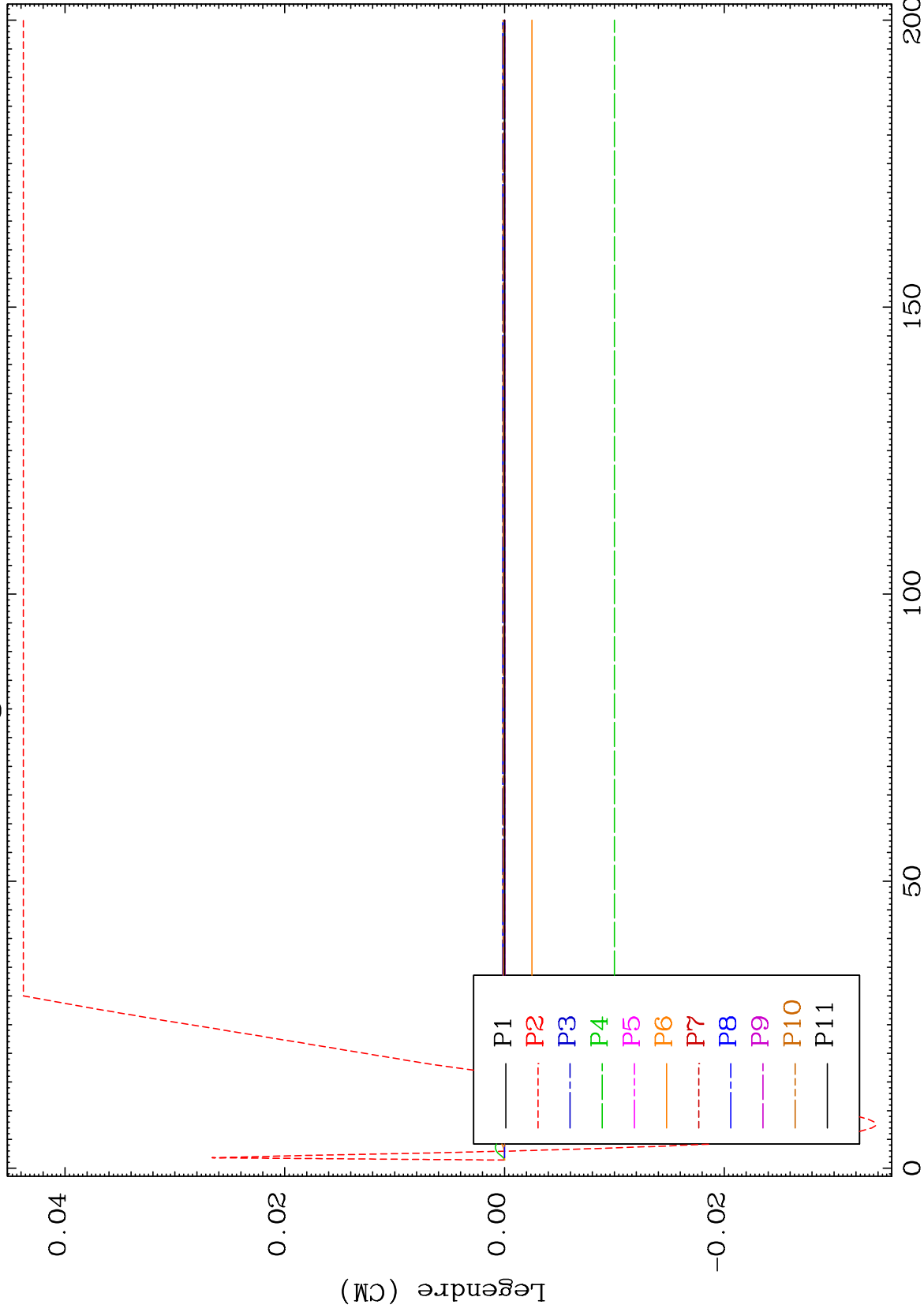


30 Incident Energy (MeV) 11-Na-24

MAT 1128

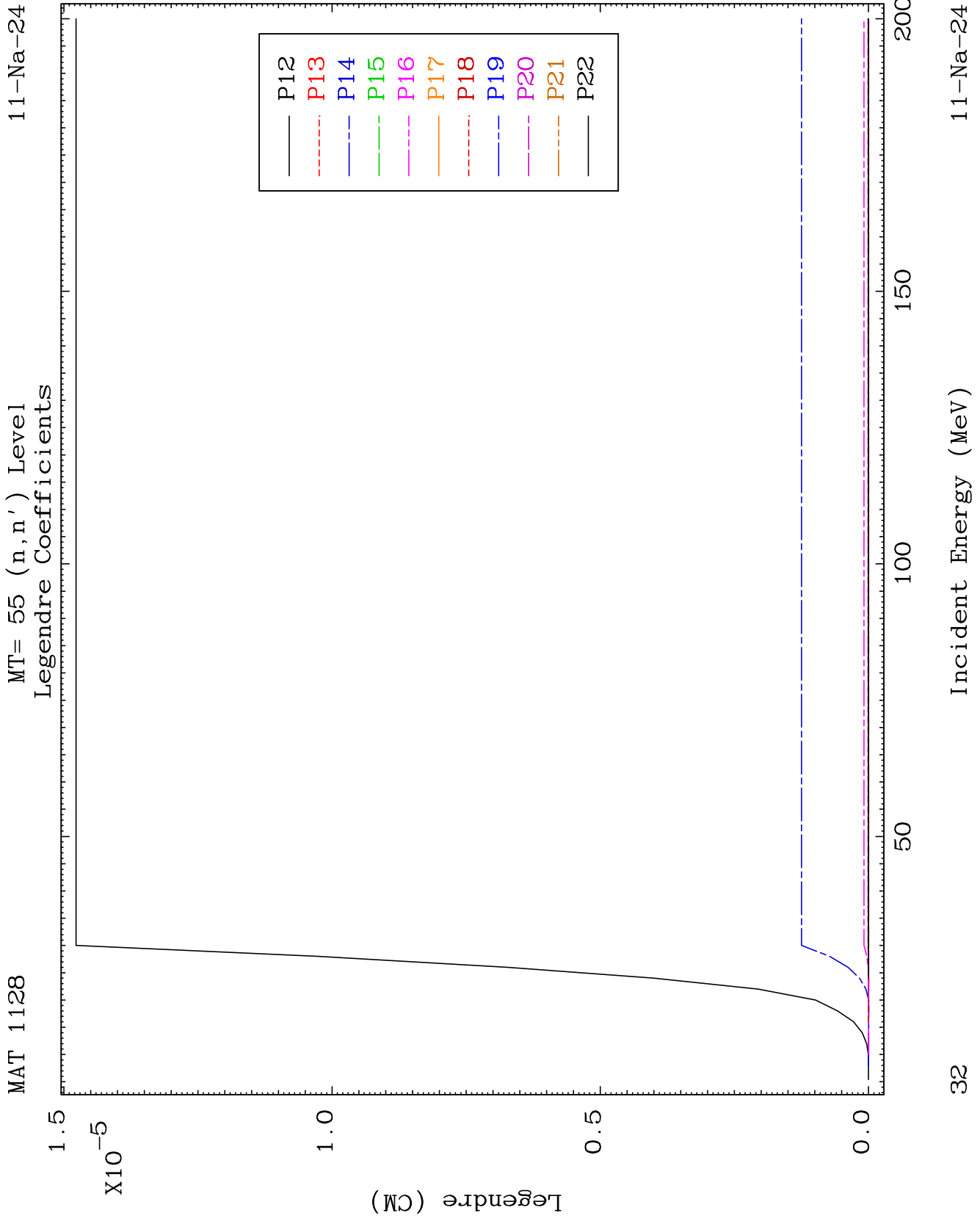
MT= 55 (n,n') Level
Legendre Coefficients

11-Na-24

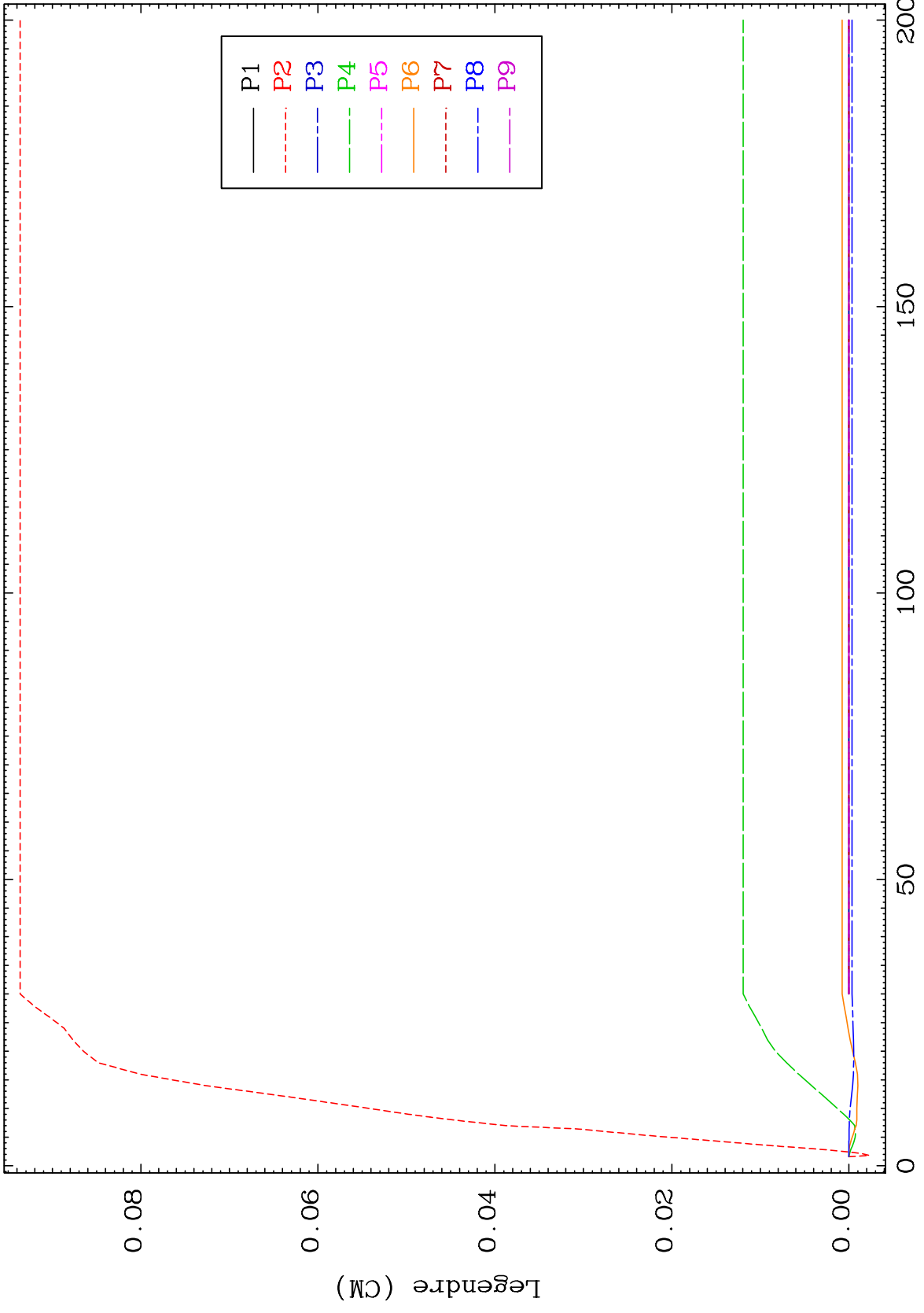


31

11-Na-24

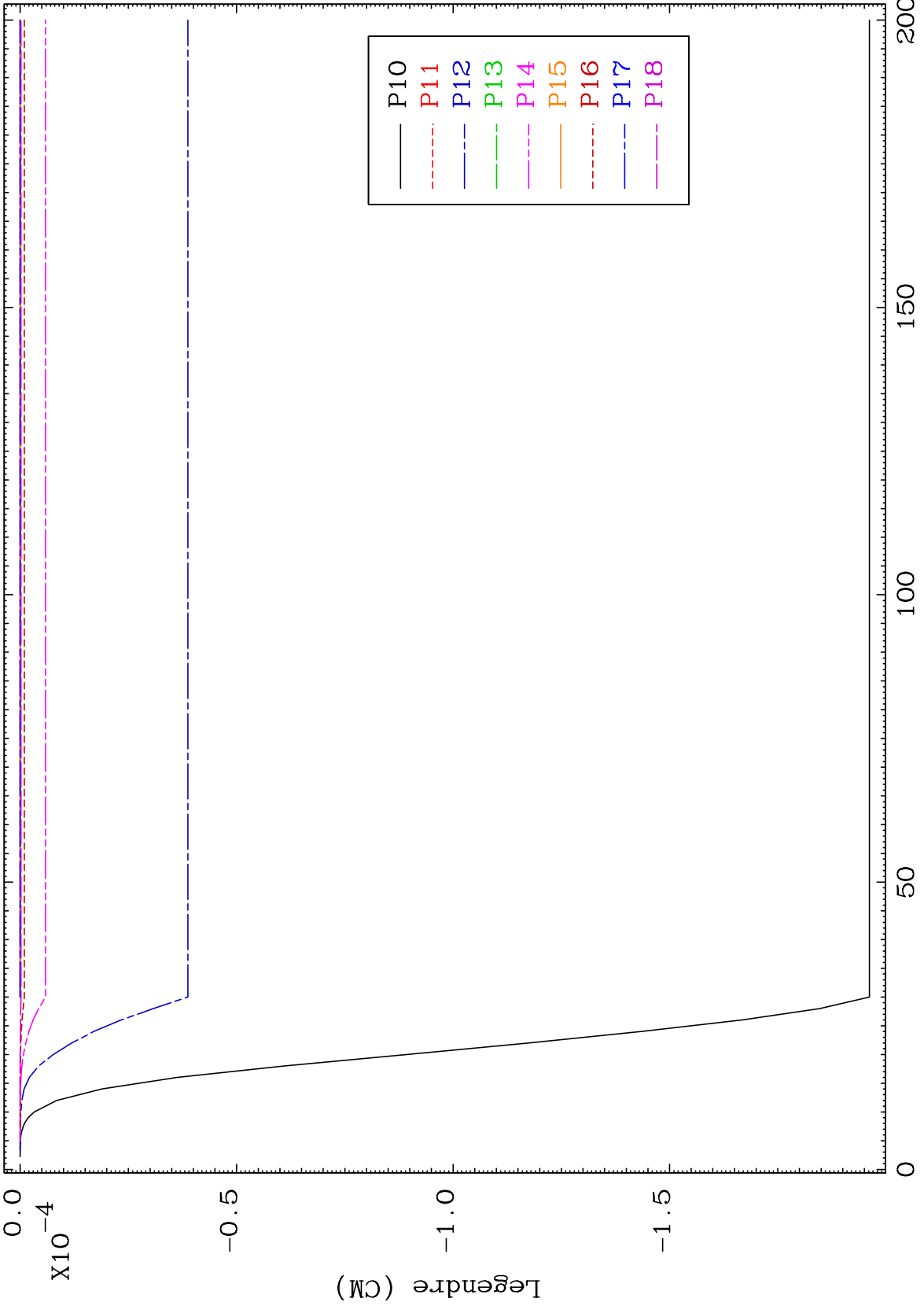


MAT 1128 MT= 56 (n,n') Level Legendre Coefficients 11-Na-24



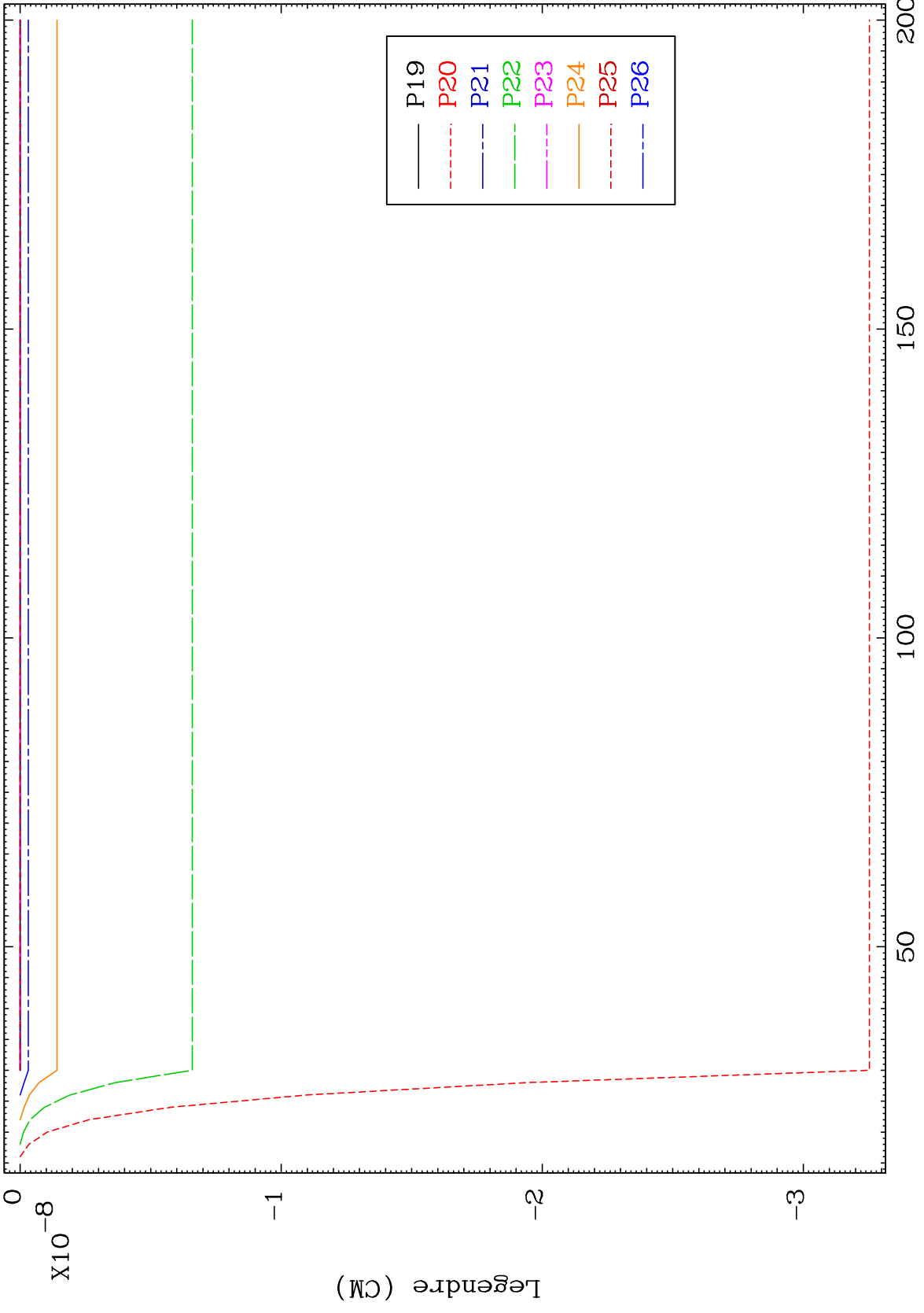
33 11-Na-24

MAT 1128 MT= 56 (n,n') Level Legendre Coefficients 11-Na-24



34 11-Na-24

MAT 1128 MT= 56 (n,n') Level Legendre Coefficients 11-Na-24

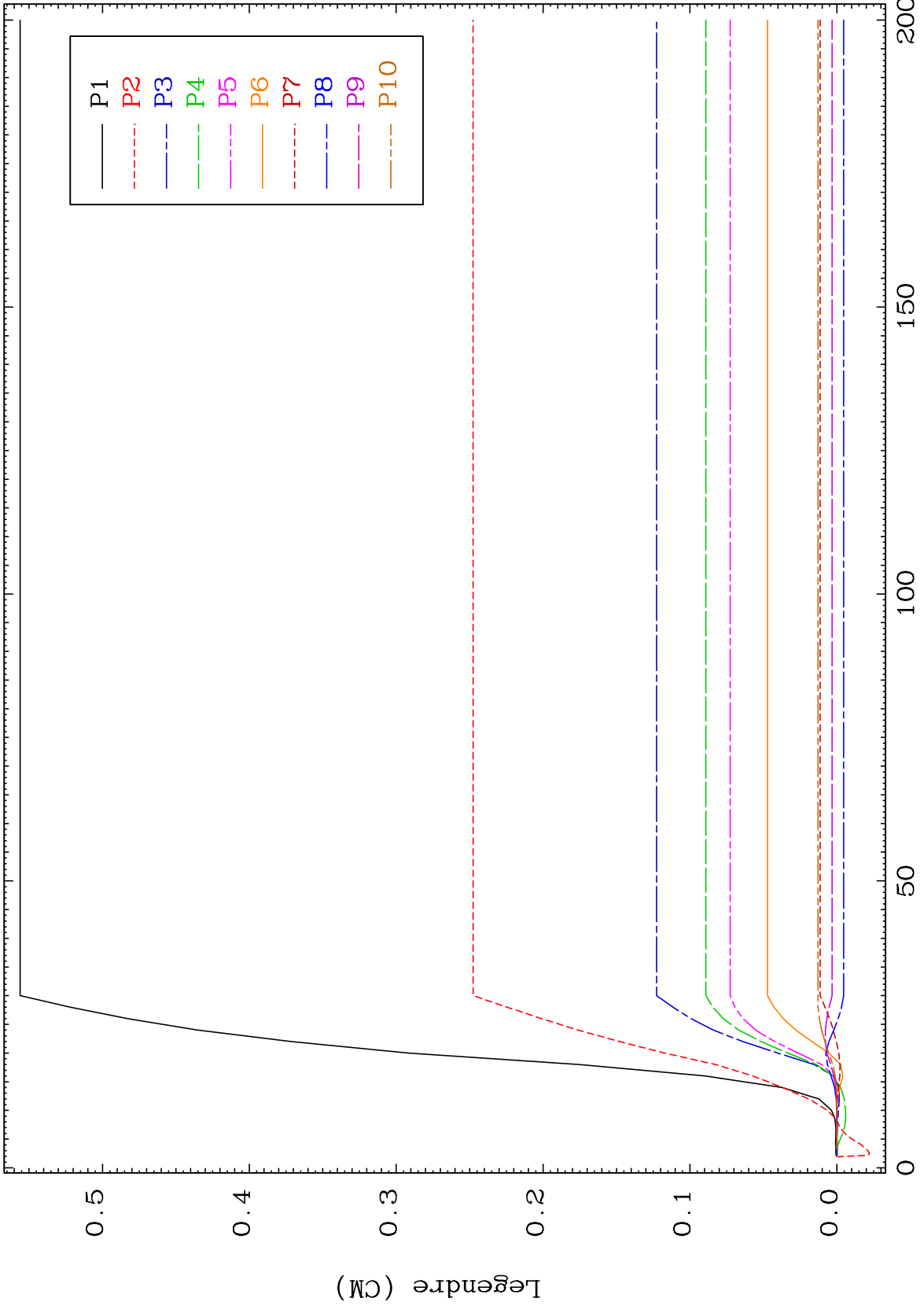


35 Incident Energy (MeV) 11-Na-24

MAT 1128

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

11-Na-24



36

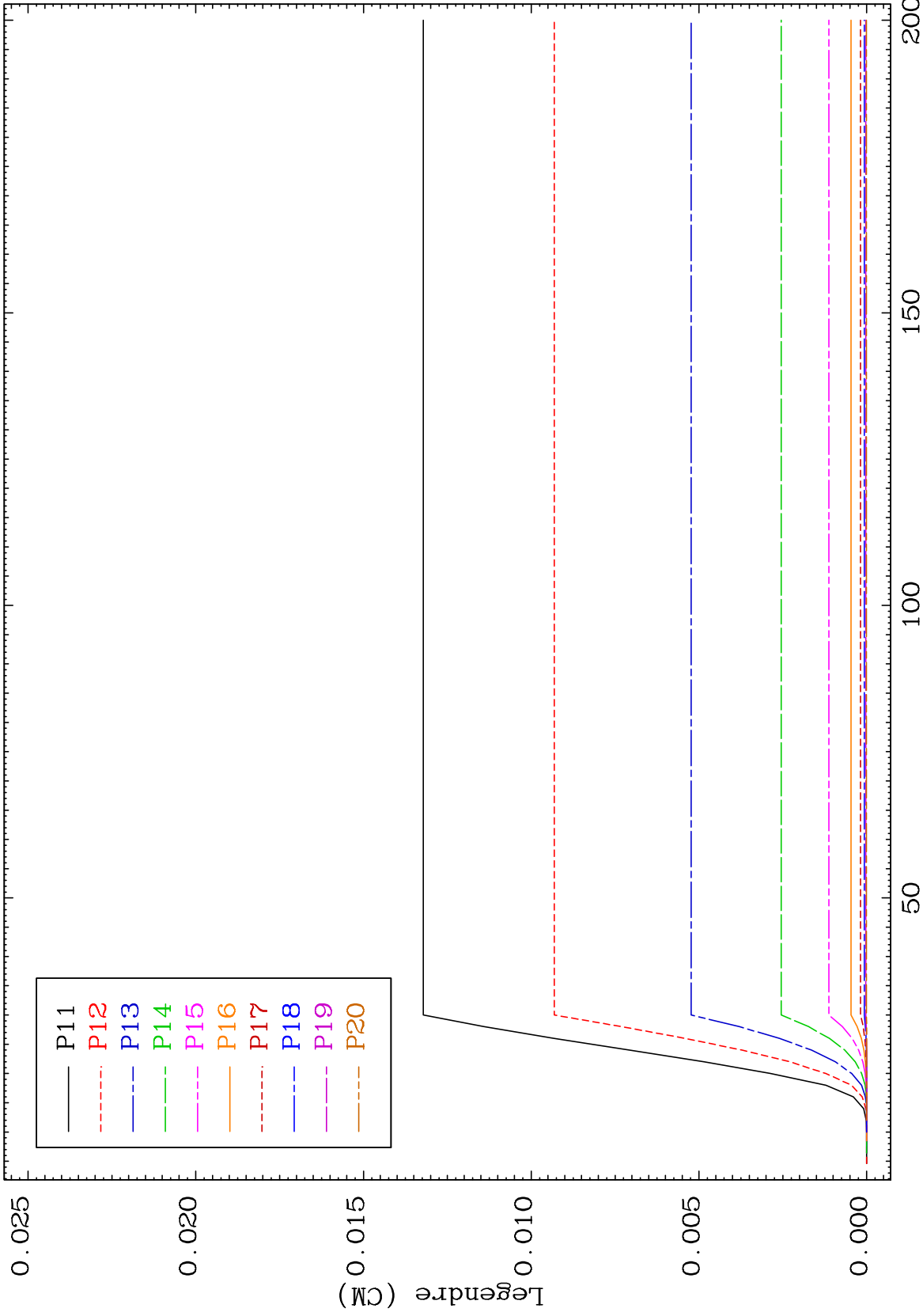
Incident Energy (MeV)

11-Na-24

MAT 1128

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

11-Na-24



37

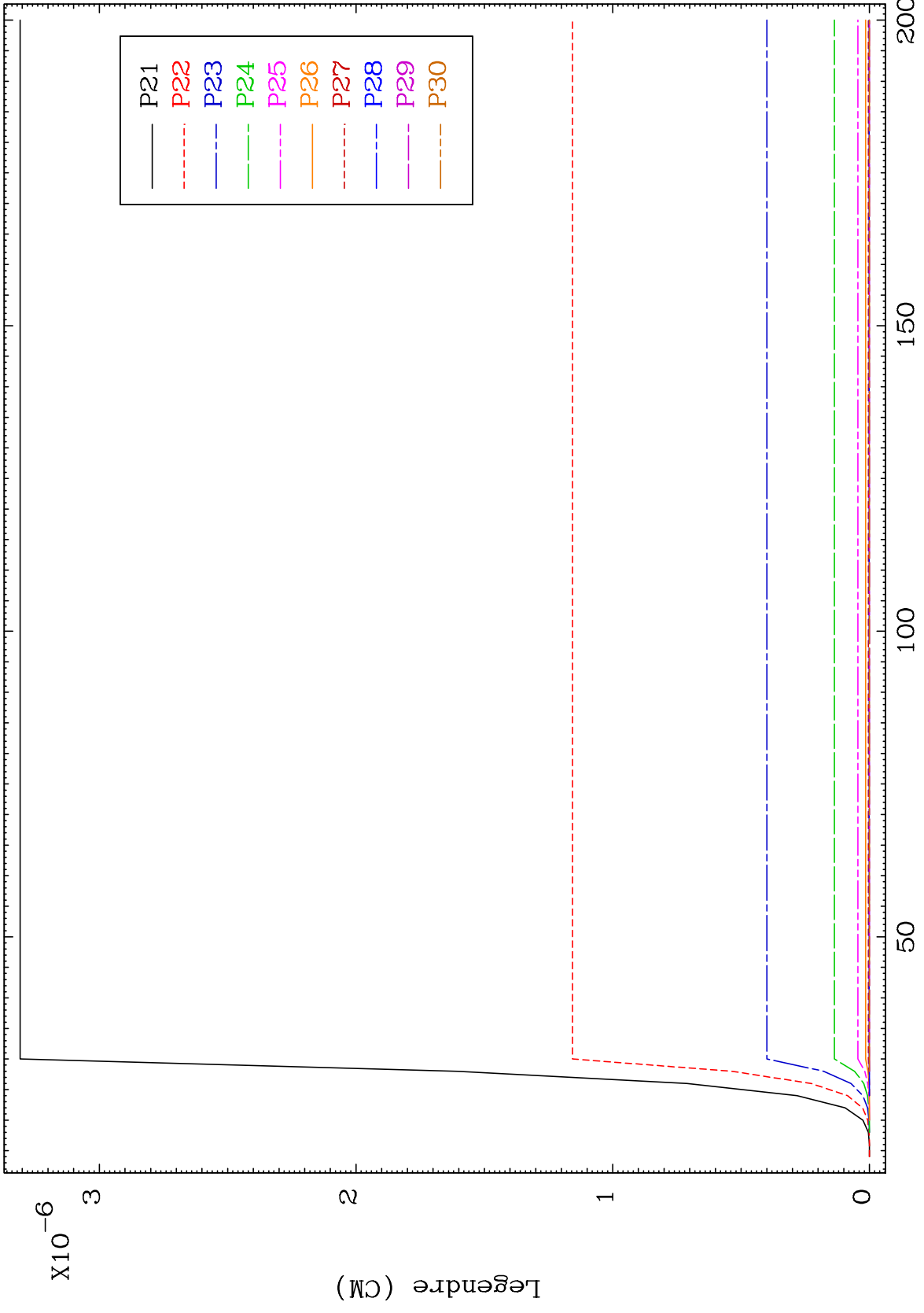
11-Na-24

Incident Energy (MeV)

MAT 1128

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

11-Na-24

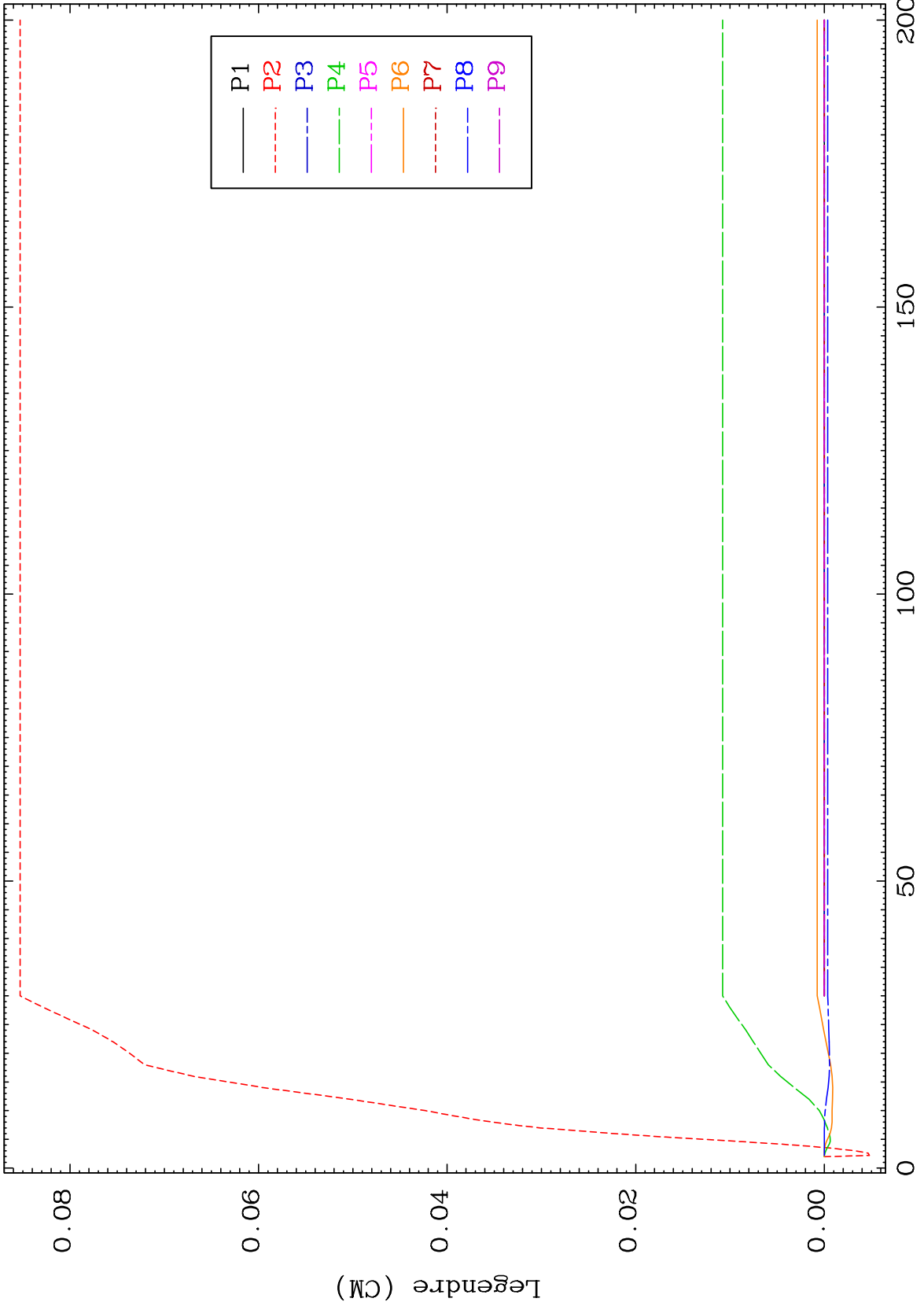


38

Incident Energy (MeV)

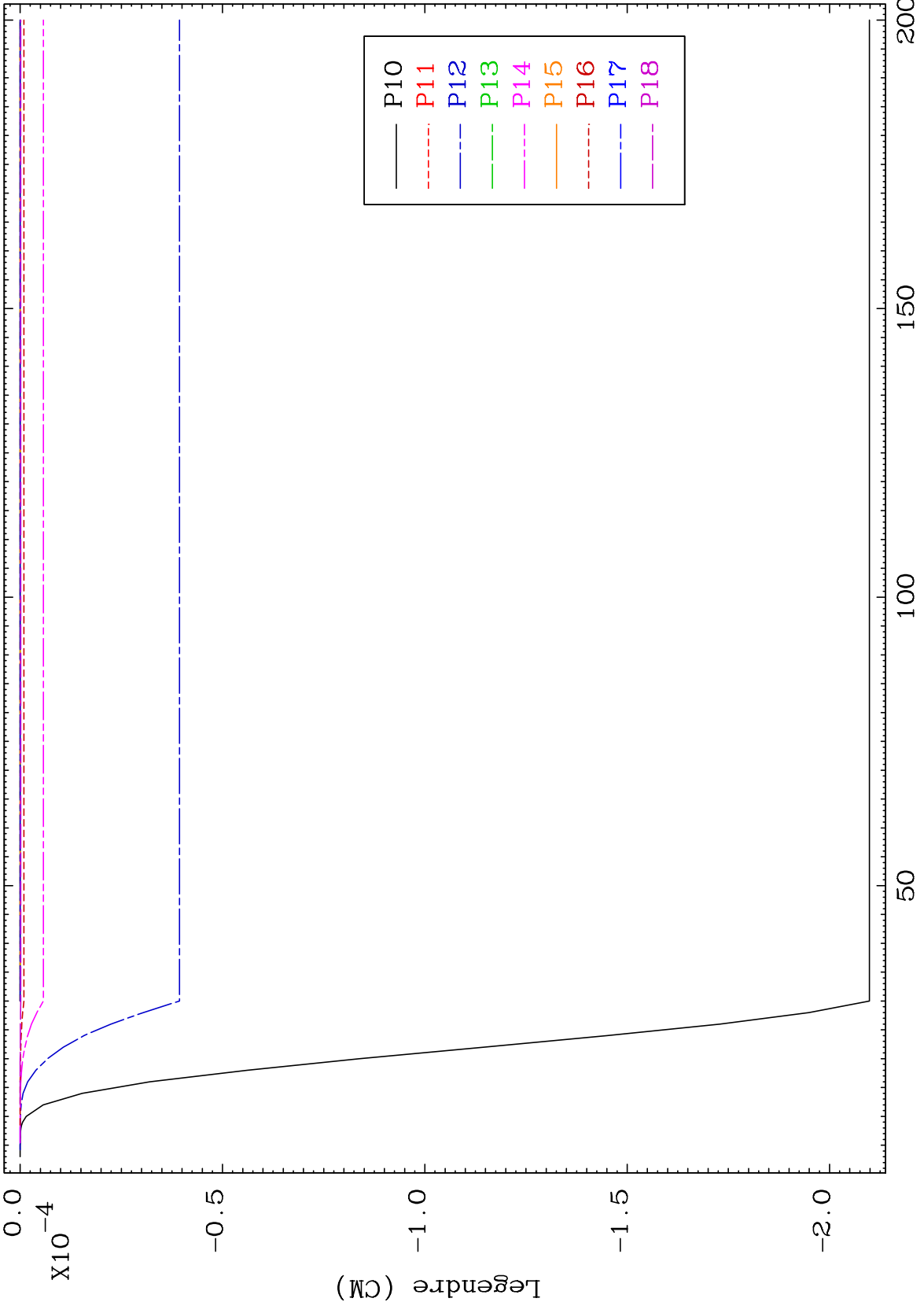
11-Na-24

MAT 1128 MT= 58 (n,n') Level Legendre Coefficients 11-Na-24



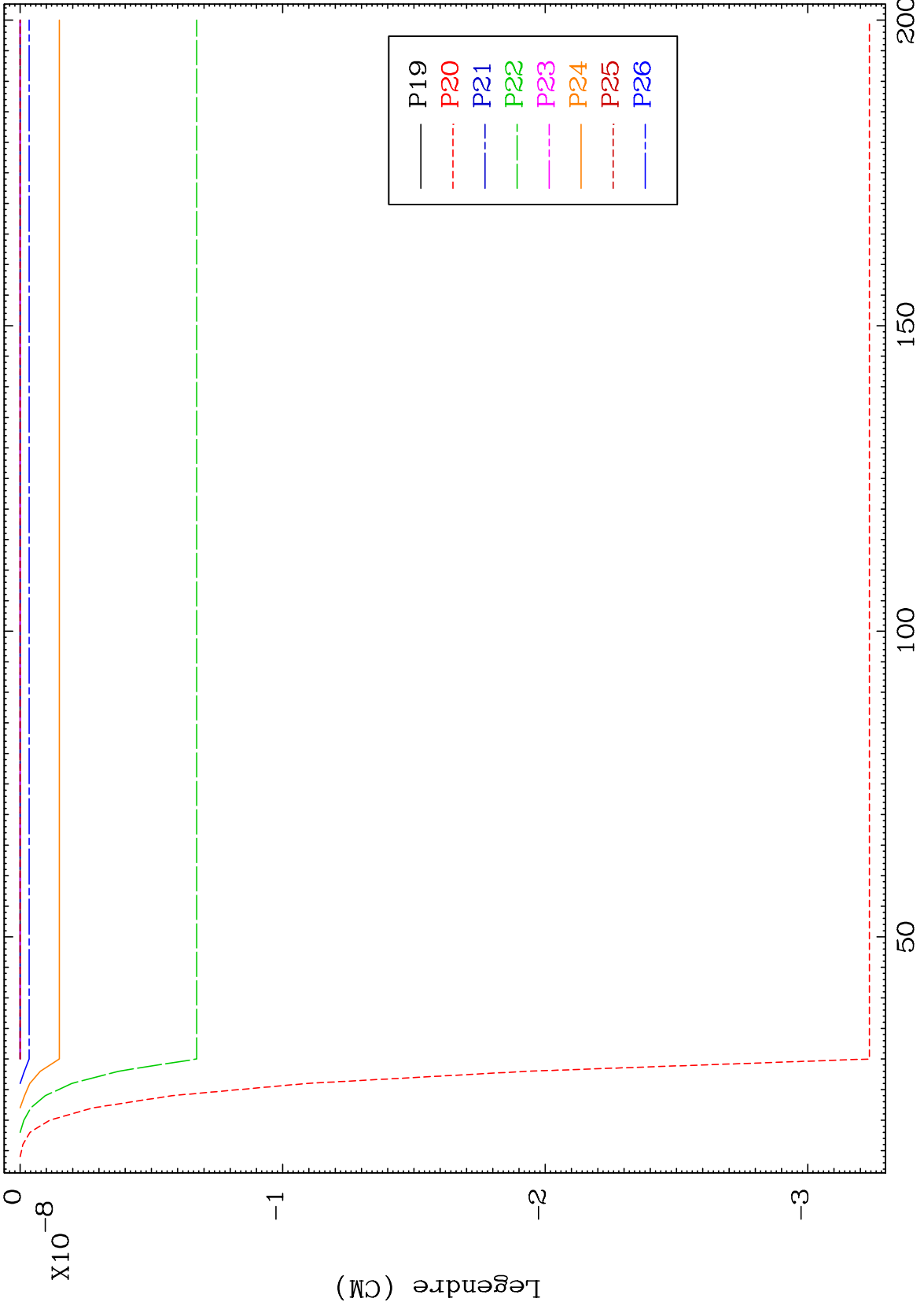
39 11-Na-24

MAT 1128 MT= 58 (n,n') Level Legendre Coefficients 11-Na-24



40 Incident Energy (MeV) 11-Na-24

MAT 1128 MT= 58 (n,n') Level Legendre Coefficients 11-Na-24

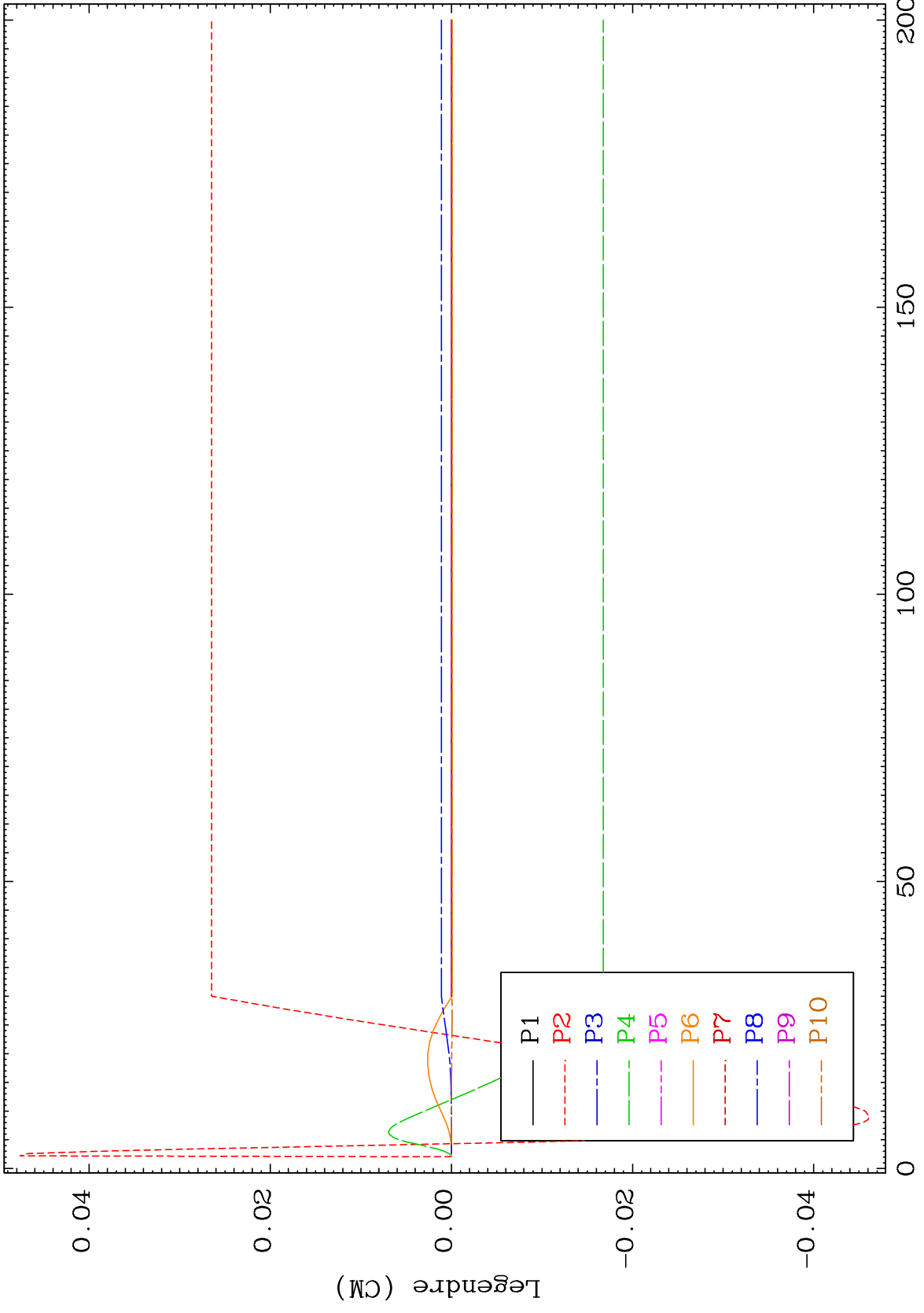


41 11-Na-24

MAT 1128

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

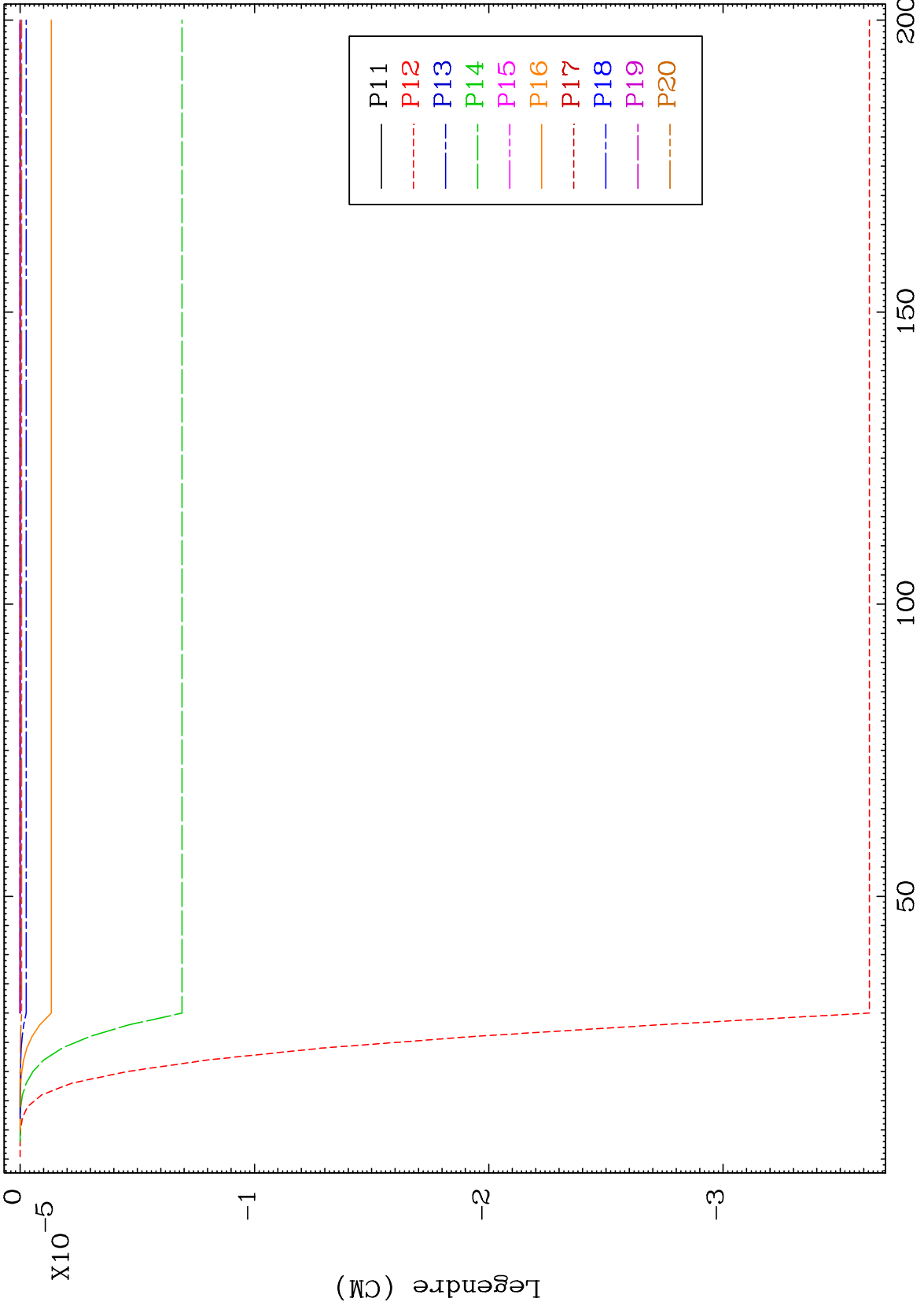
11-Na-24



42

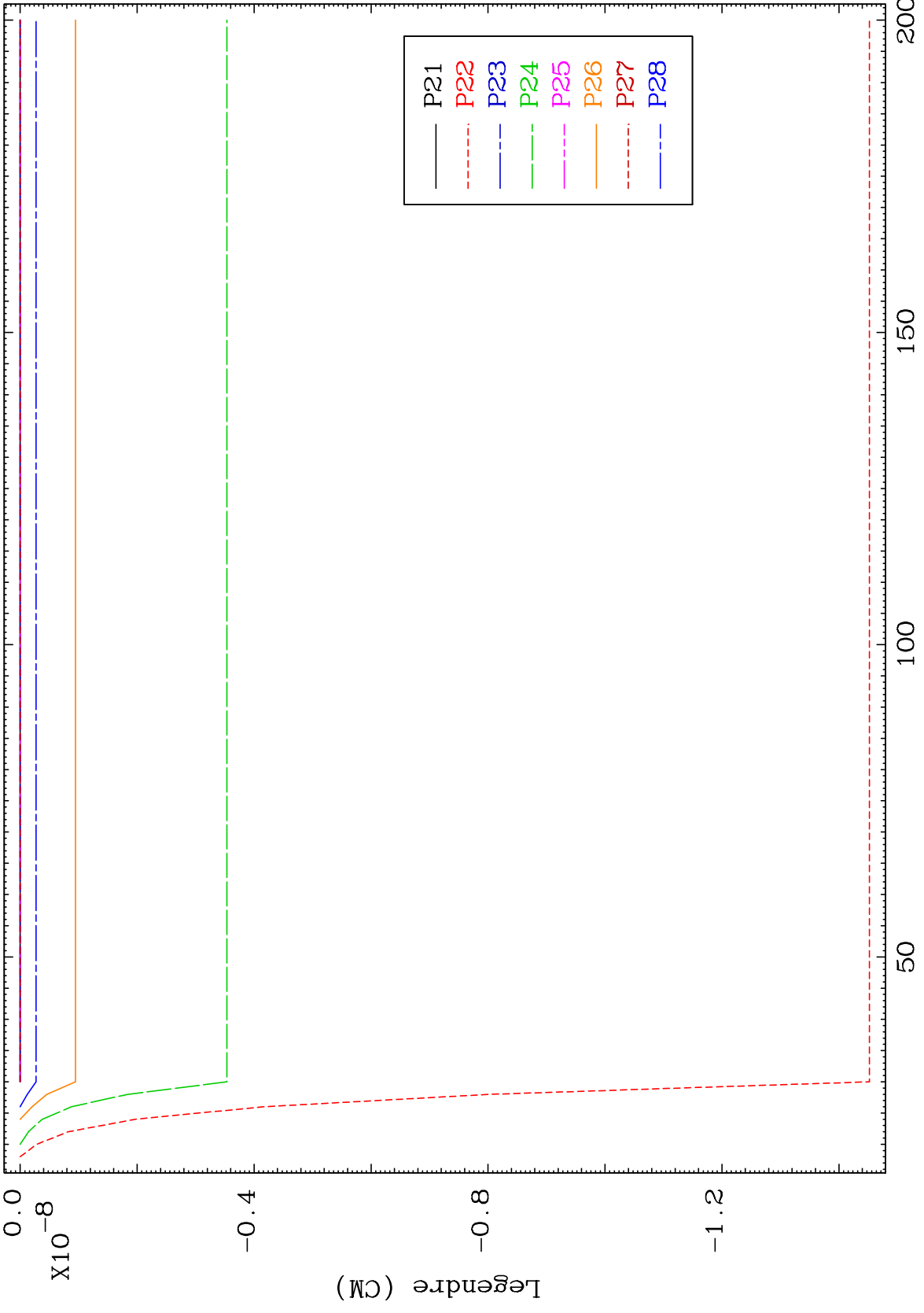
11-Na-24

MAT 1128 MT= 59 (n,n') Level Legendre Coefficients 11-Na-24



43 11-Na-24

MAT 1128 MT= 59 (n,n') Level Legendre Coefficients 11-Na-24

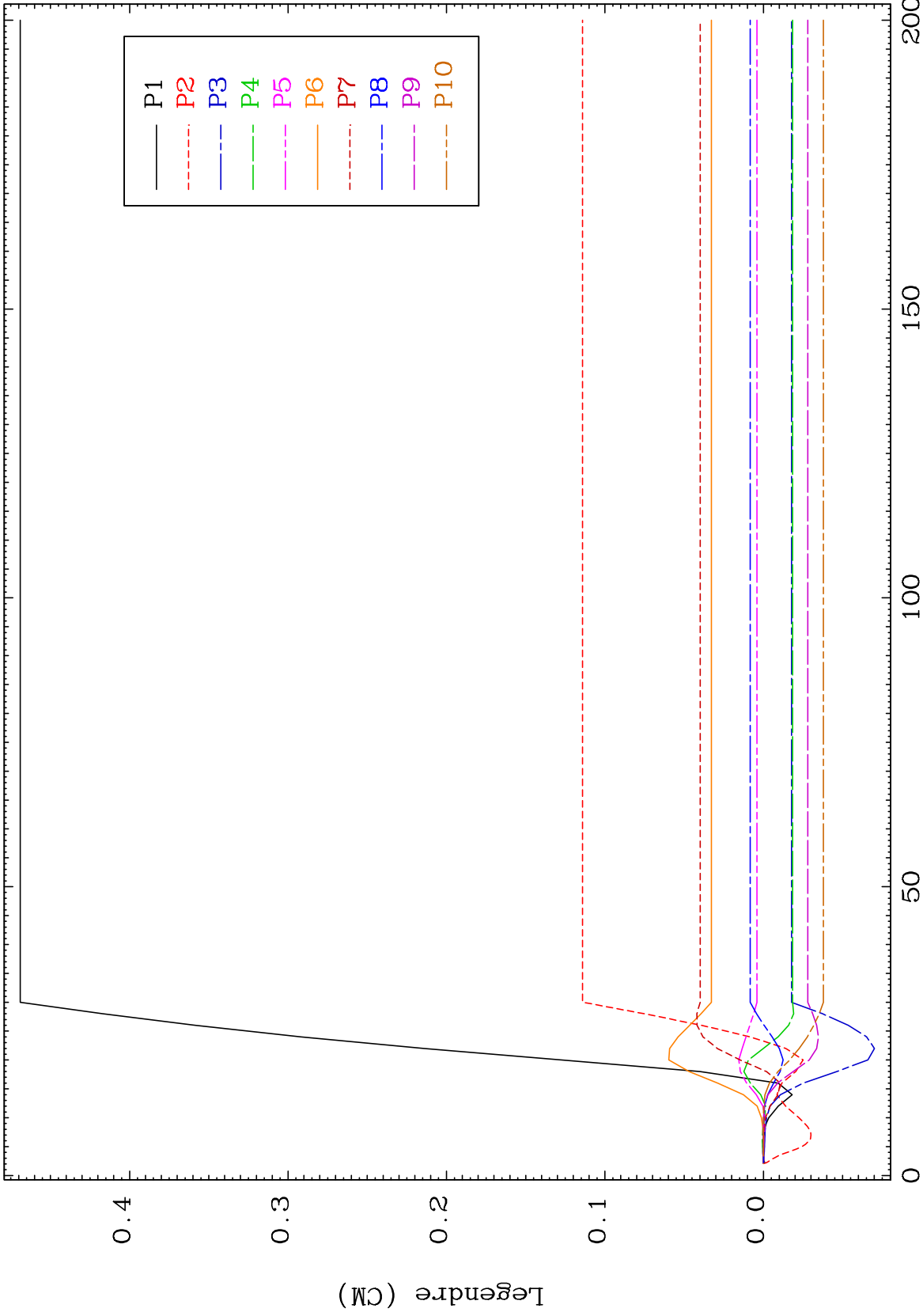


44 11-Na-24

MAT 1128

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

11-Na-24



45

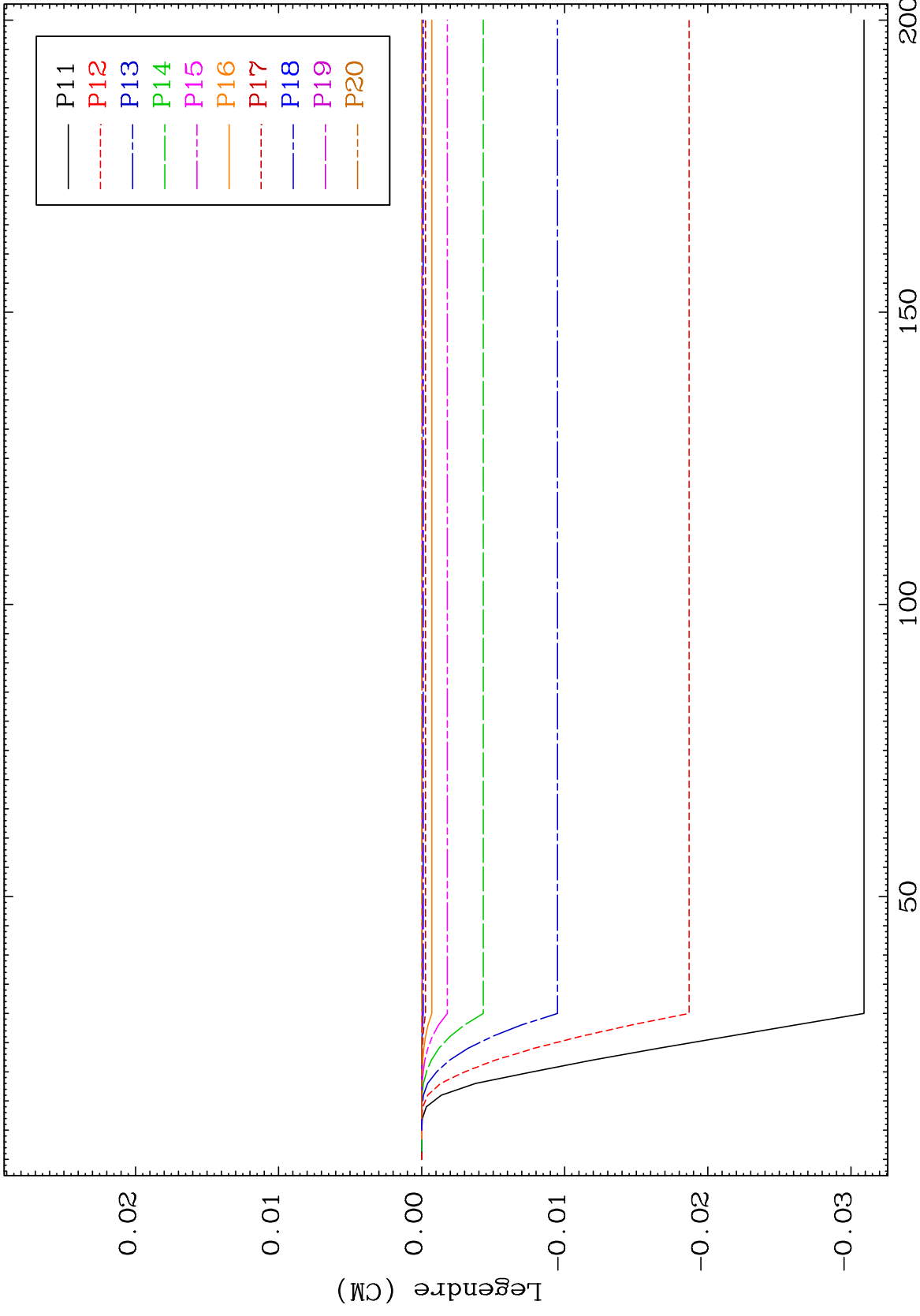
Incident Energy (MeV)

11-Na-24

MAT 1128

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

11-Na-24

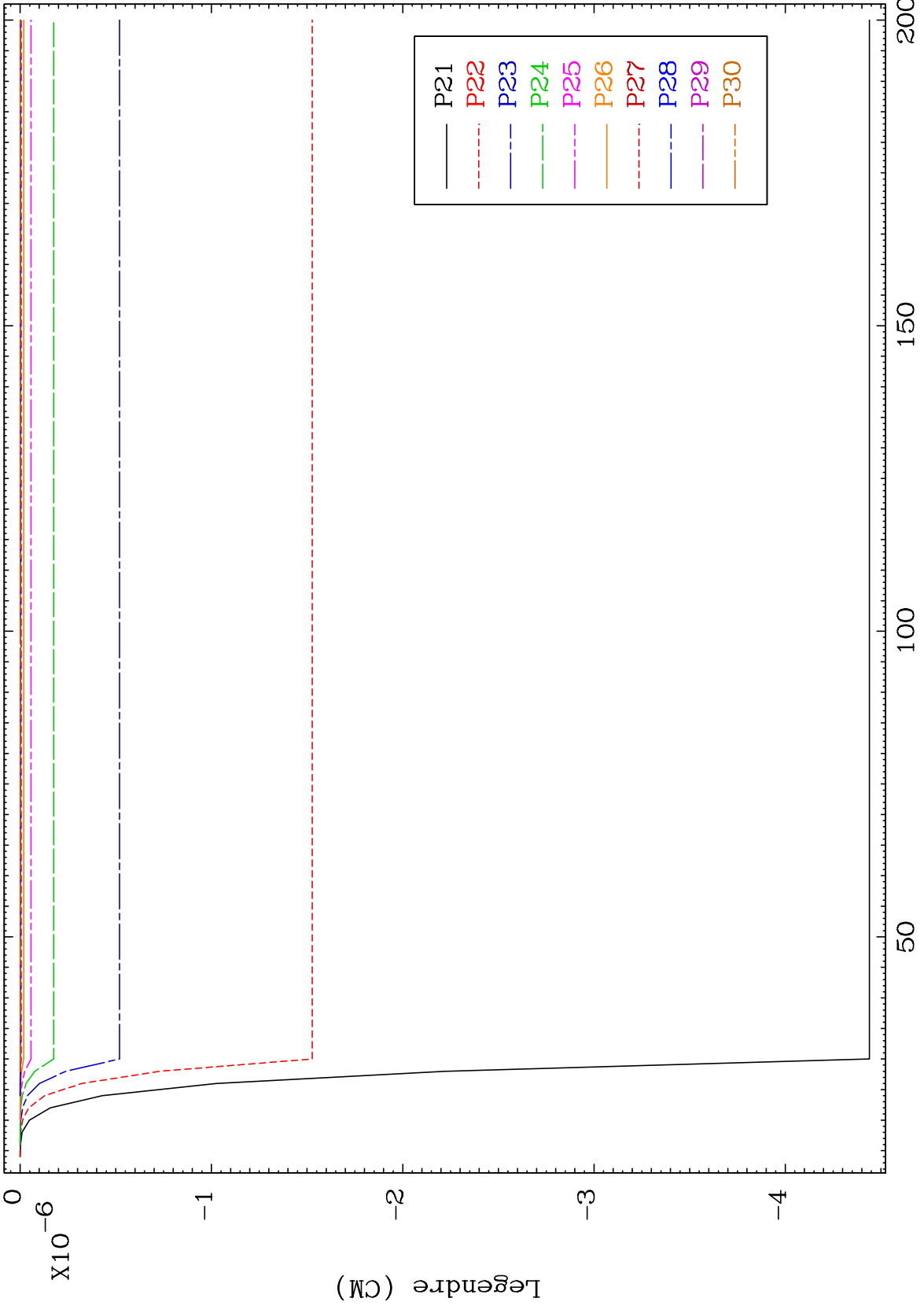


46

Incident Energy (MeV)

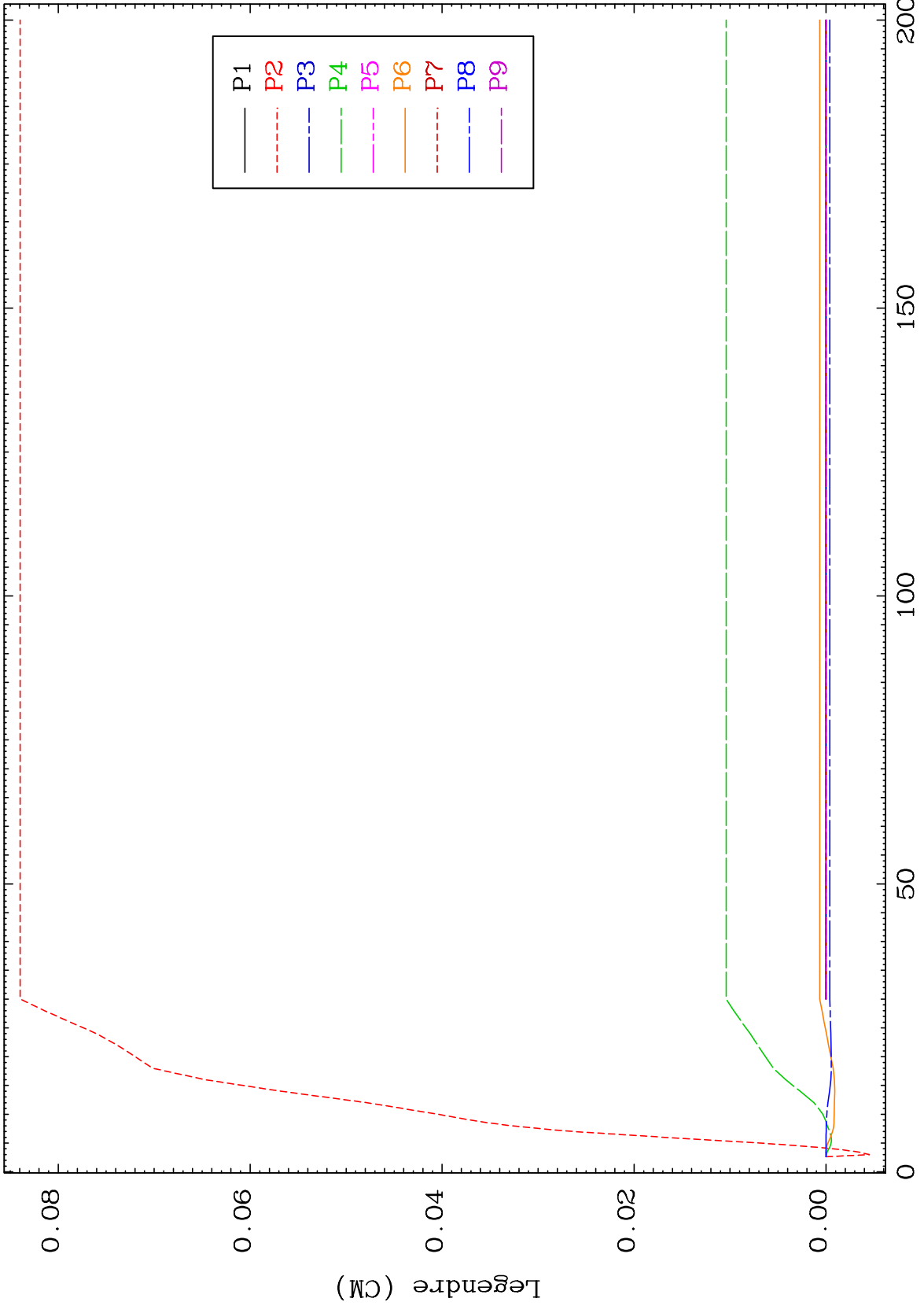
11-Na-24

MAT 1128 MT= 60 (n,n') Level Legendre Coefficients 11-Na-24



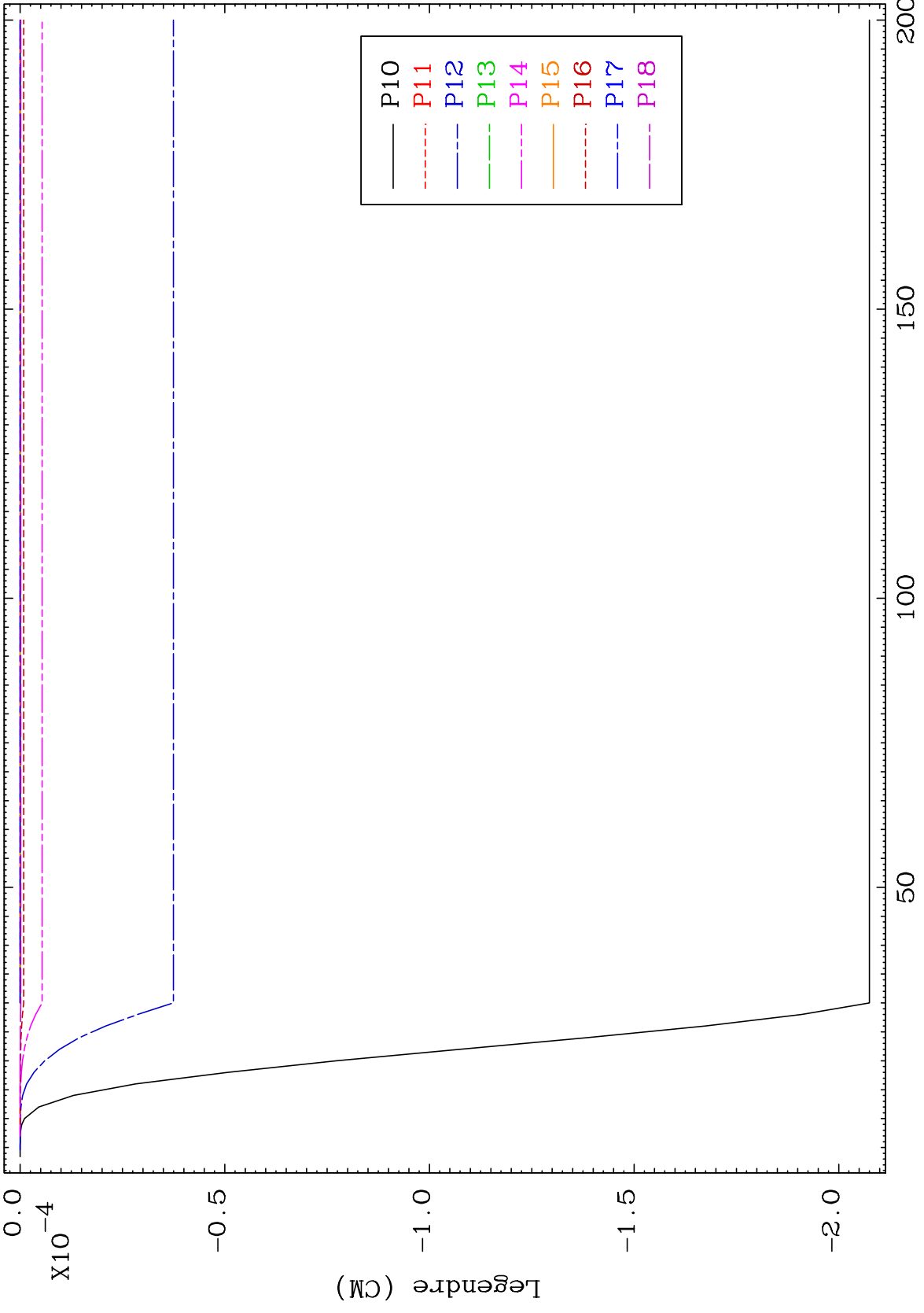
47 11-Na-24

MAT 1128 MT= 61 (n,n') Level Legendre Coefficients 11-Na-24



48 Incident Energy (MeV) 11-Na-24

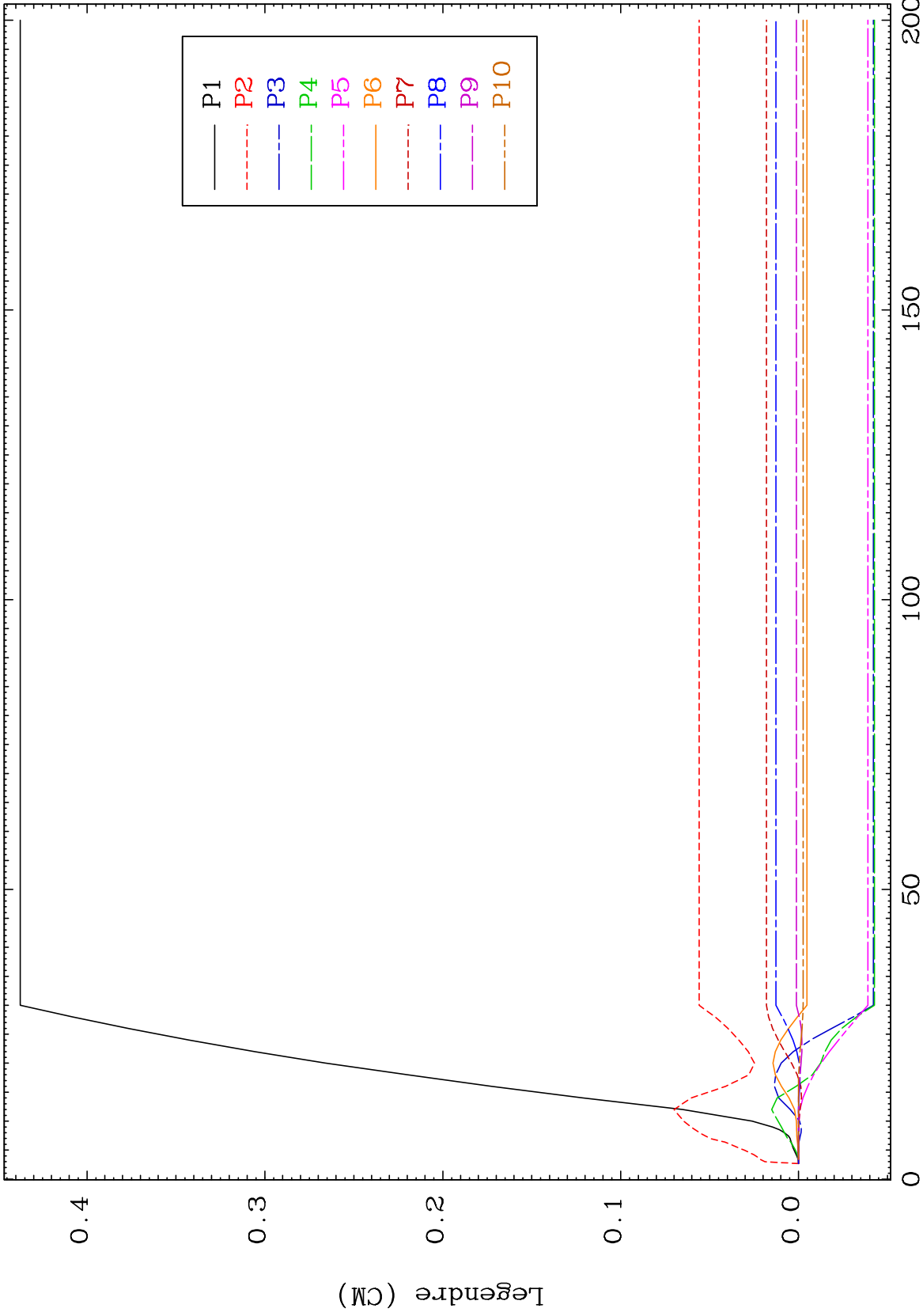
MAT 1128 MT= 61 (n,n') Level Legendre Coefficients 11-Na-24



MAT 1128

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

11-Na-24

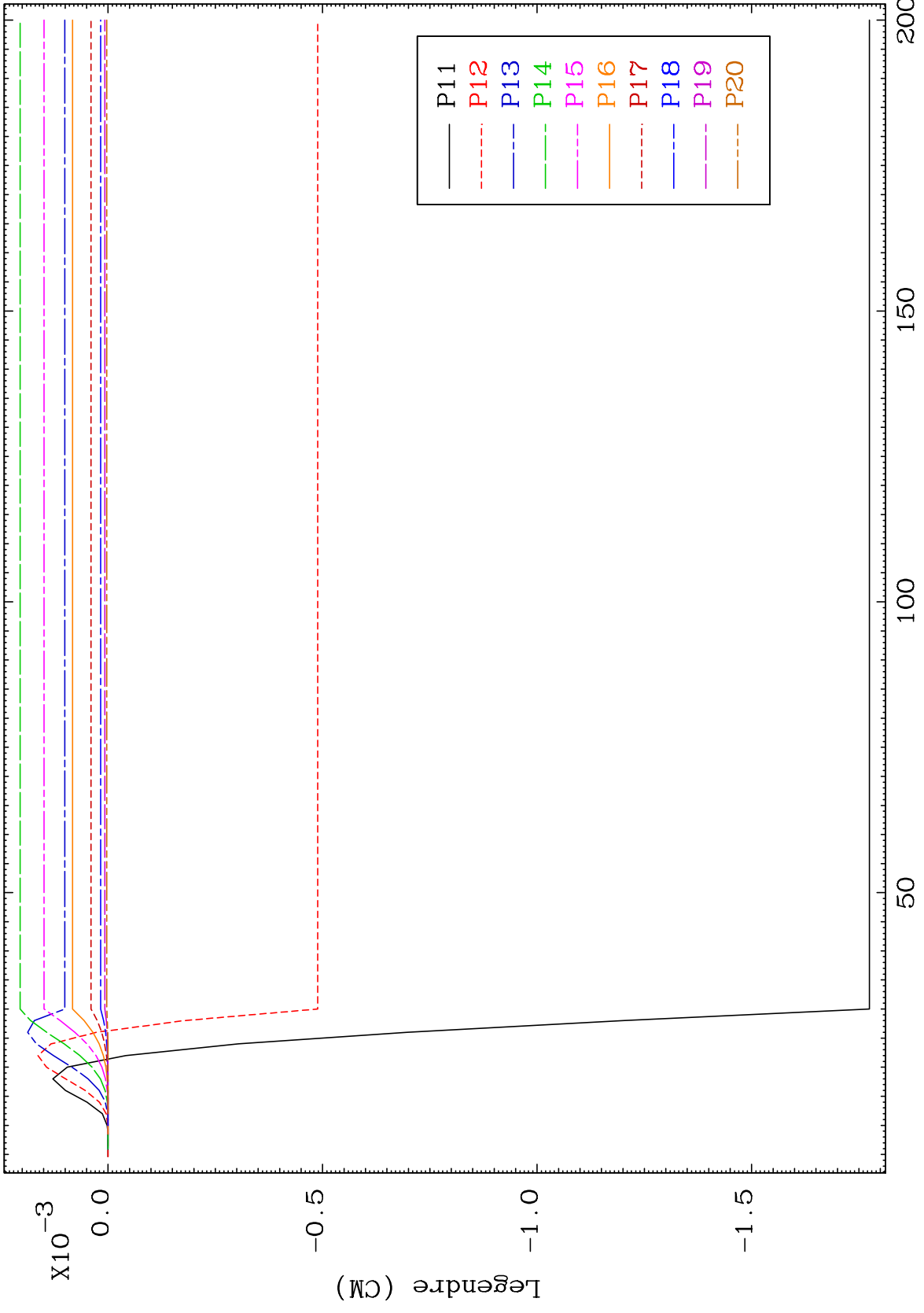


51

Incident Energy (MeV)

11-Na-24

MAT 1128 MT= 62 (n,n') Level Legendre Coefficients 11-Na-24

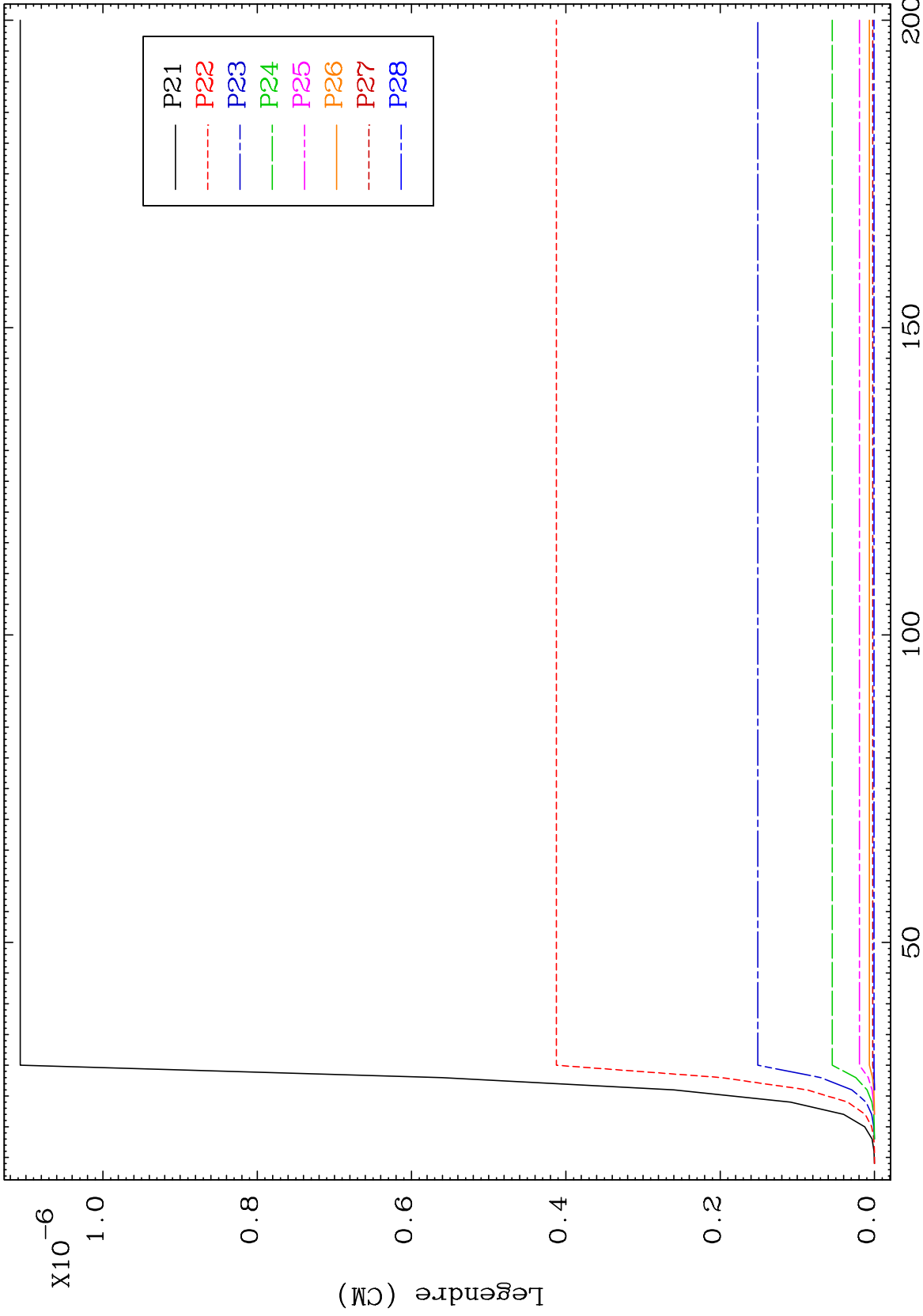


52 11-Na-24

MAT 1128

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

11-Na-24

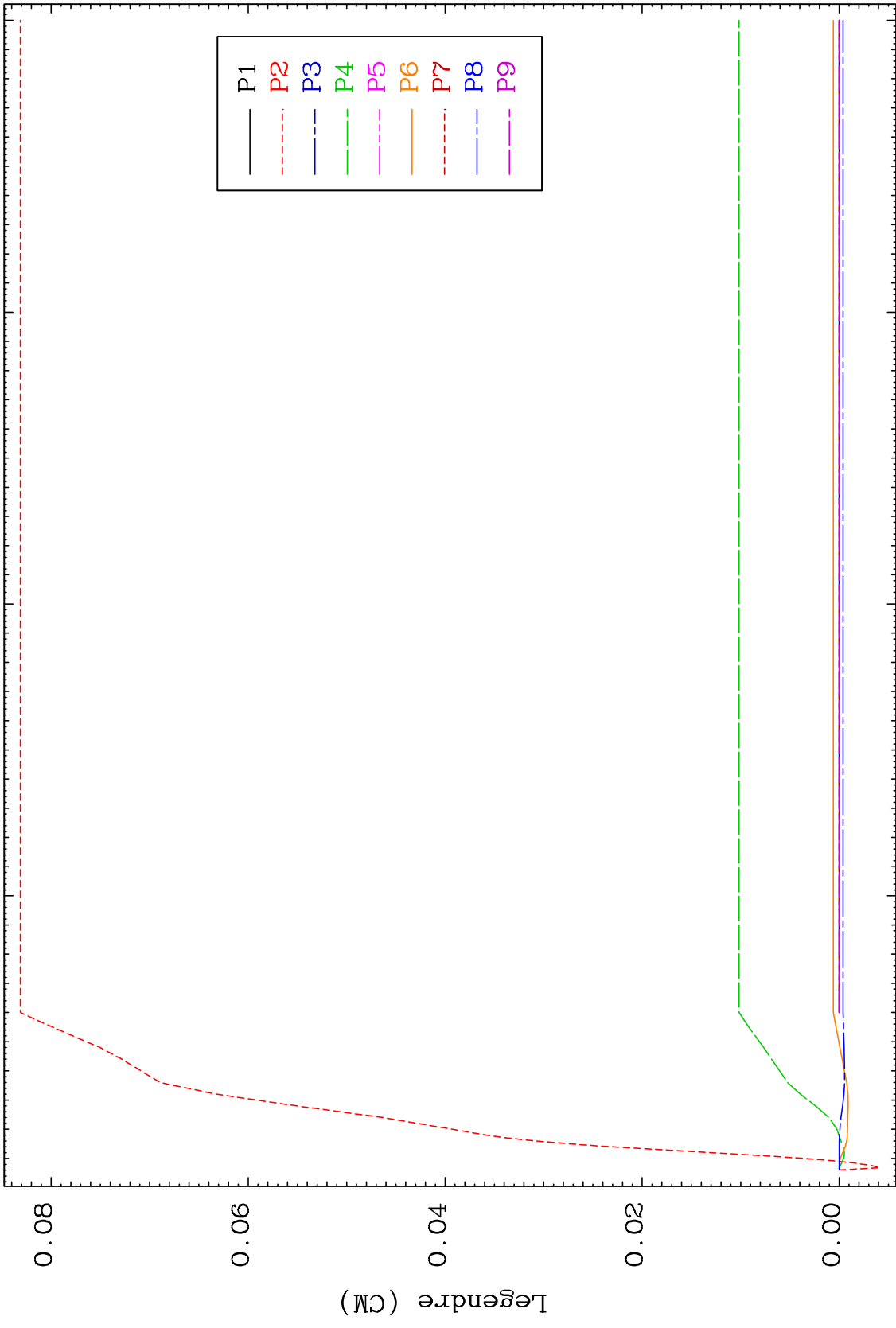


53

Incident Energy (MeV)

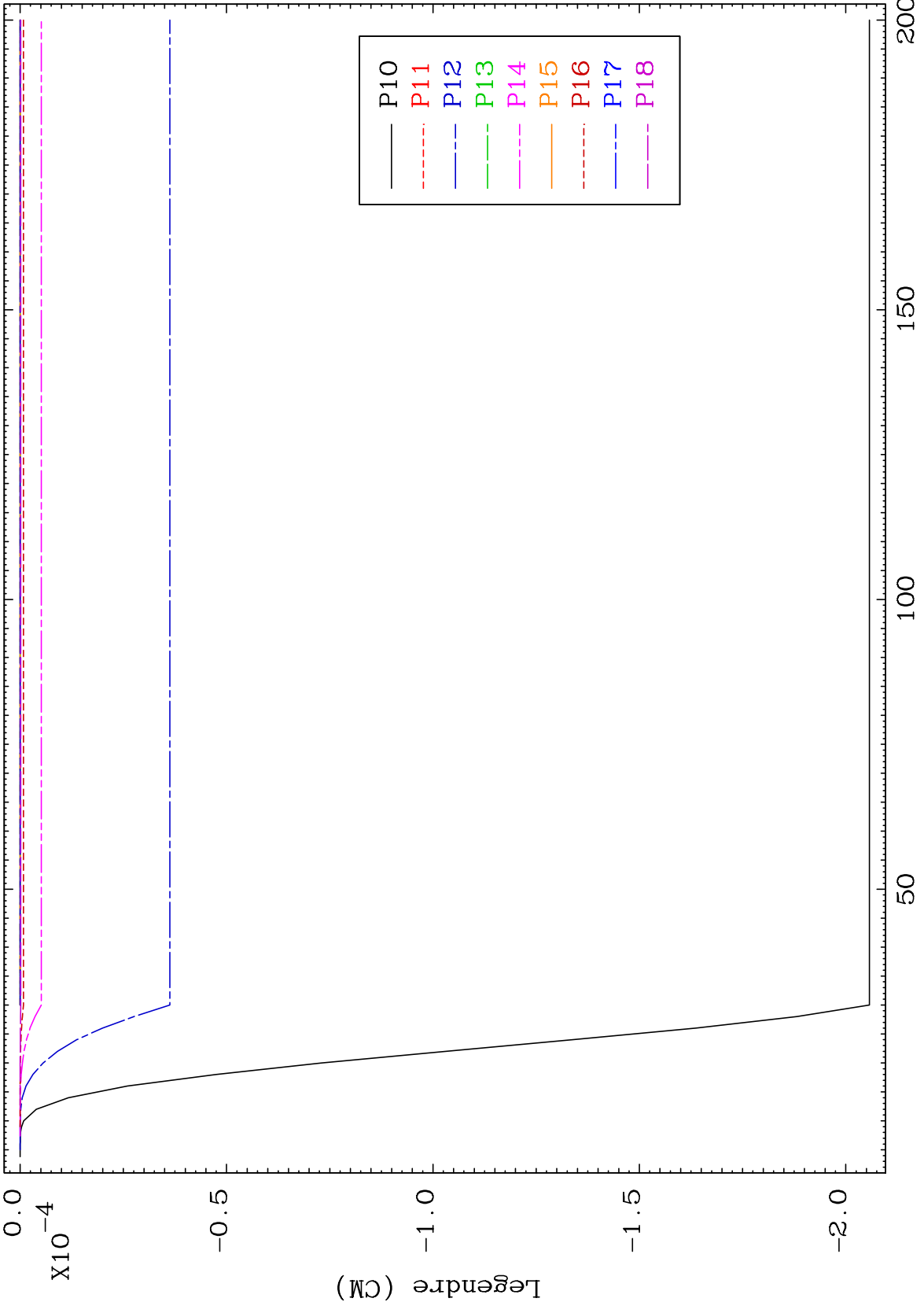
11-Na-24

MAT 1128 MT= 63 (n,n') Level Legendre Coefficients 11-Na-24



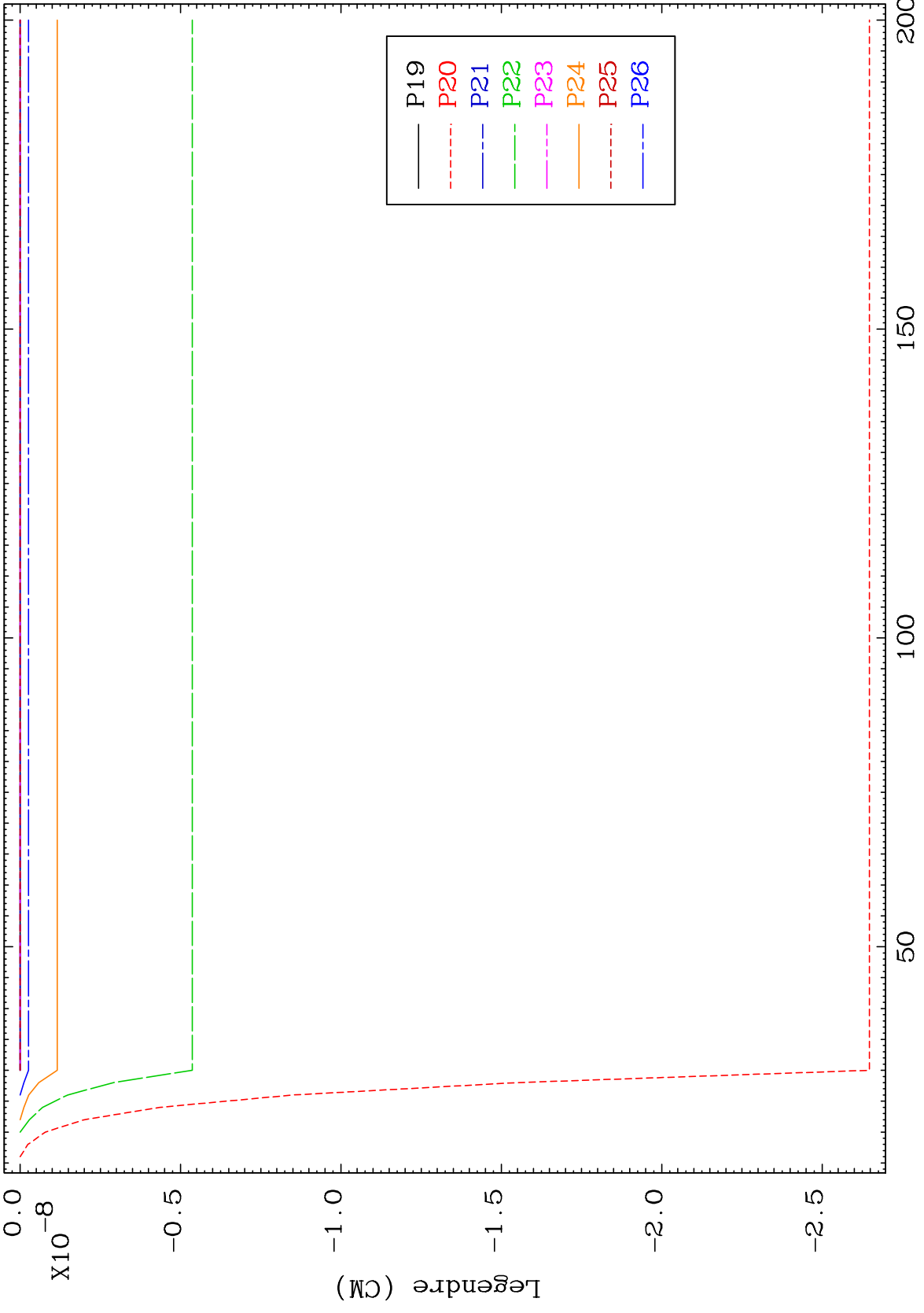
54 Incident Energy (MeV) 11-Na-24

MAT 1128 MT= 63 (n,n') Level Legendre Coefficients 11-Na-24



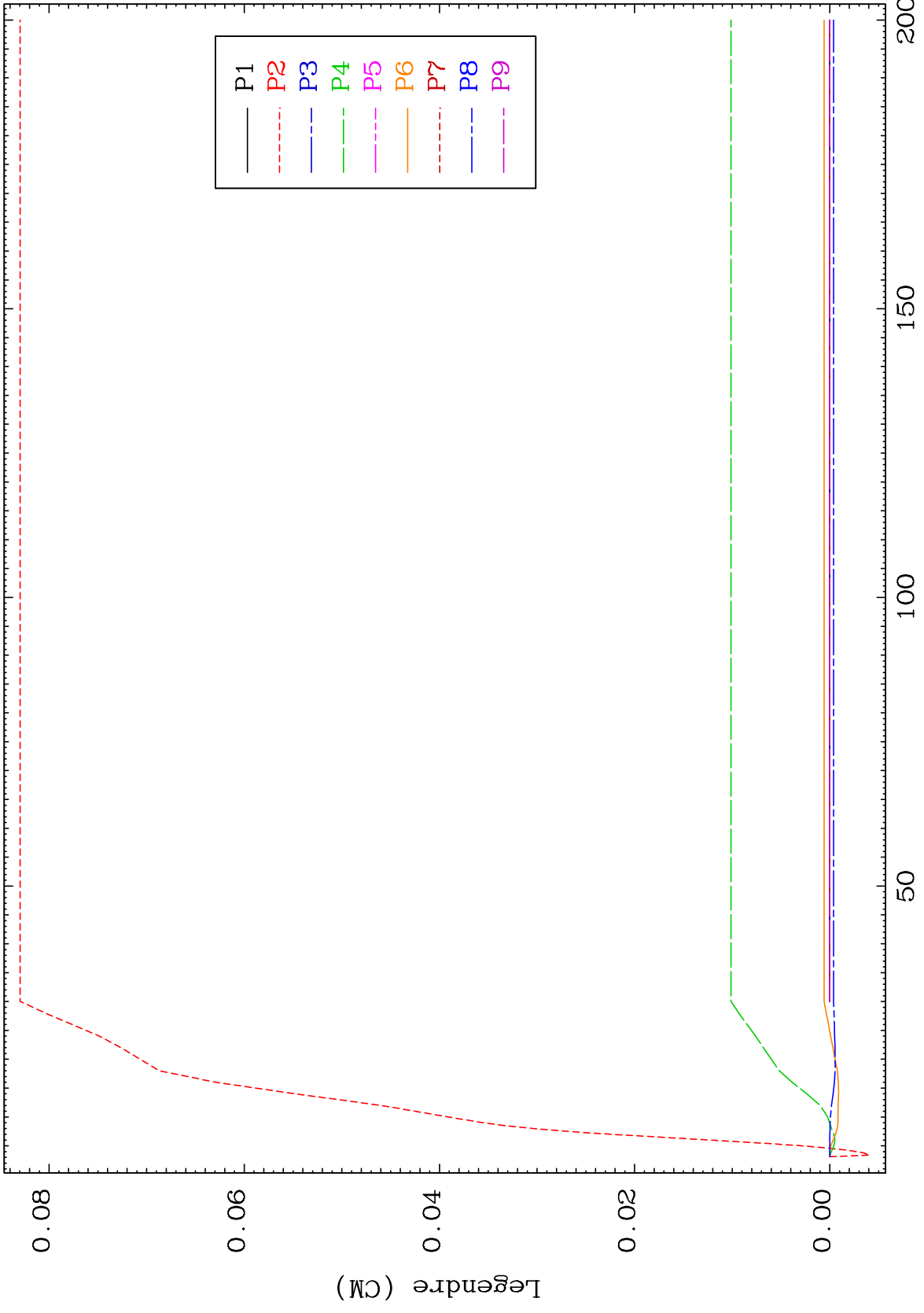
55 Incident Energy (MeV) 11-Na-24

MAT 1128 MT= 63 (n,n') Level Legendre Coefficients 11-Na-24



56 Incident Energy (MeV) 11-Na-24

MAT 1128 MT= 64 (n,n') Level Legendre Coefficients 11-Na-24



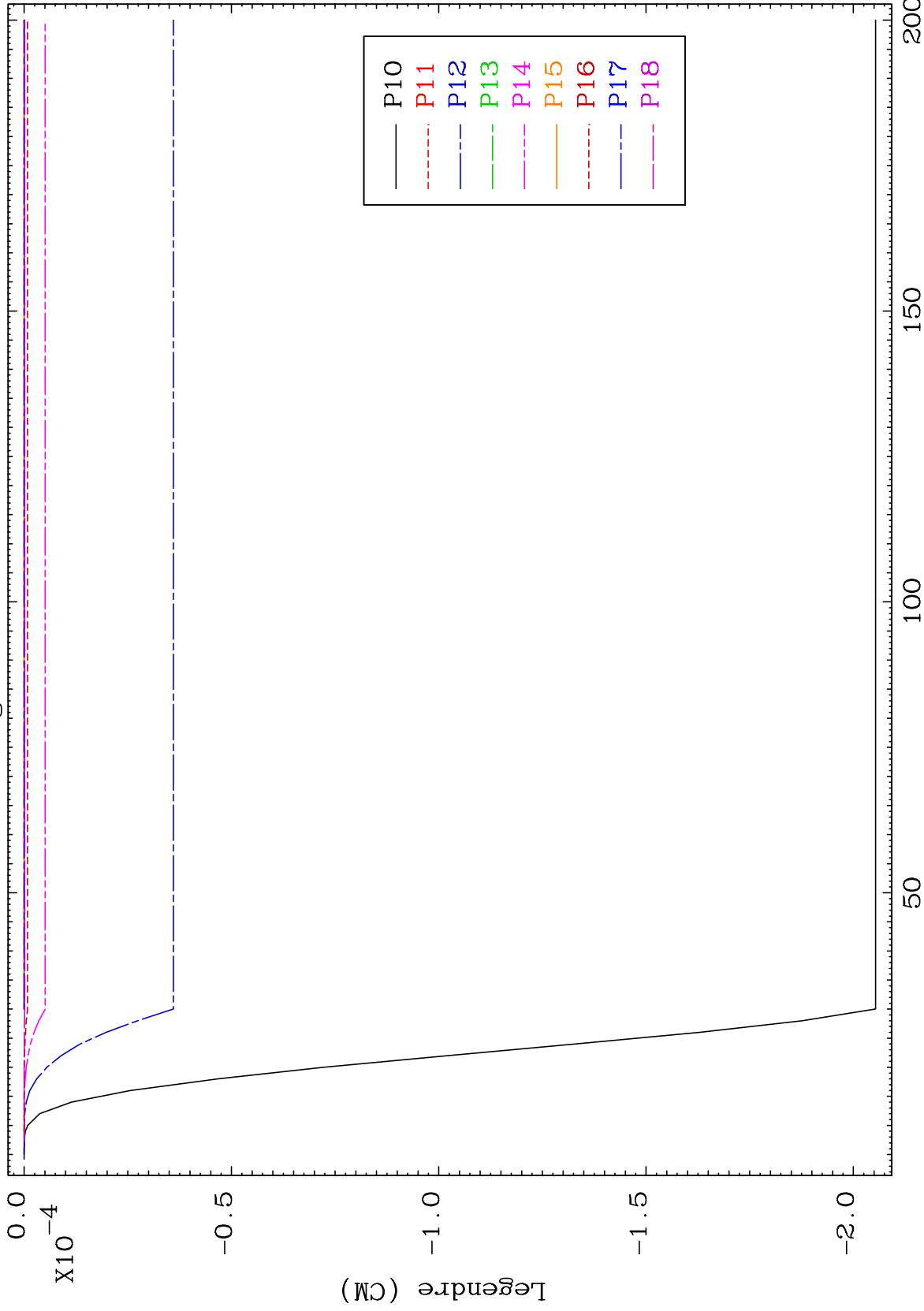
57 Incident Energy (MeV) 11-Na-24

MAT 1128

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

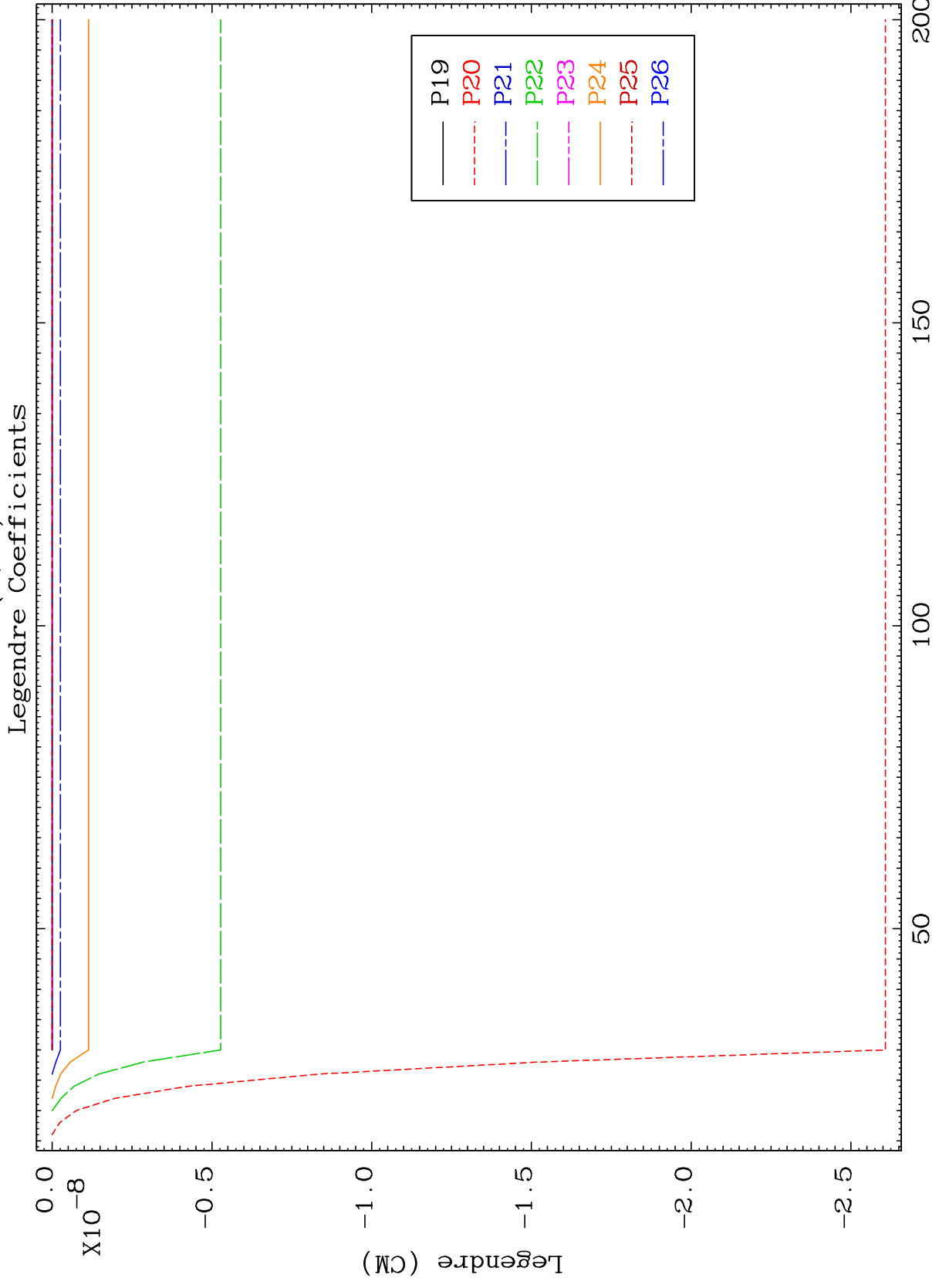
11-Na-24

Incident Energy (MeV)



58

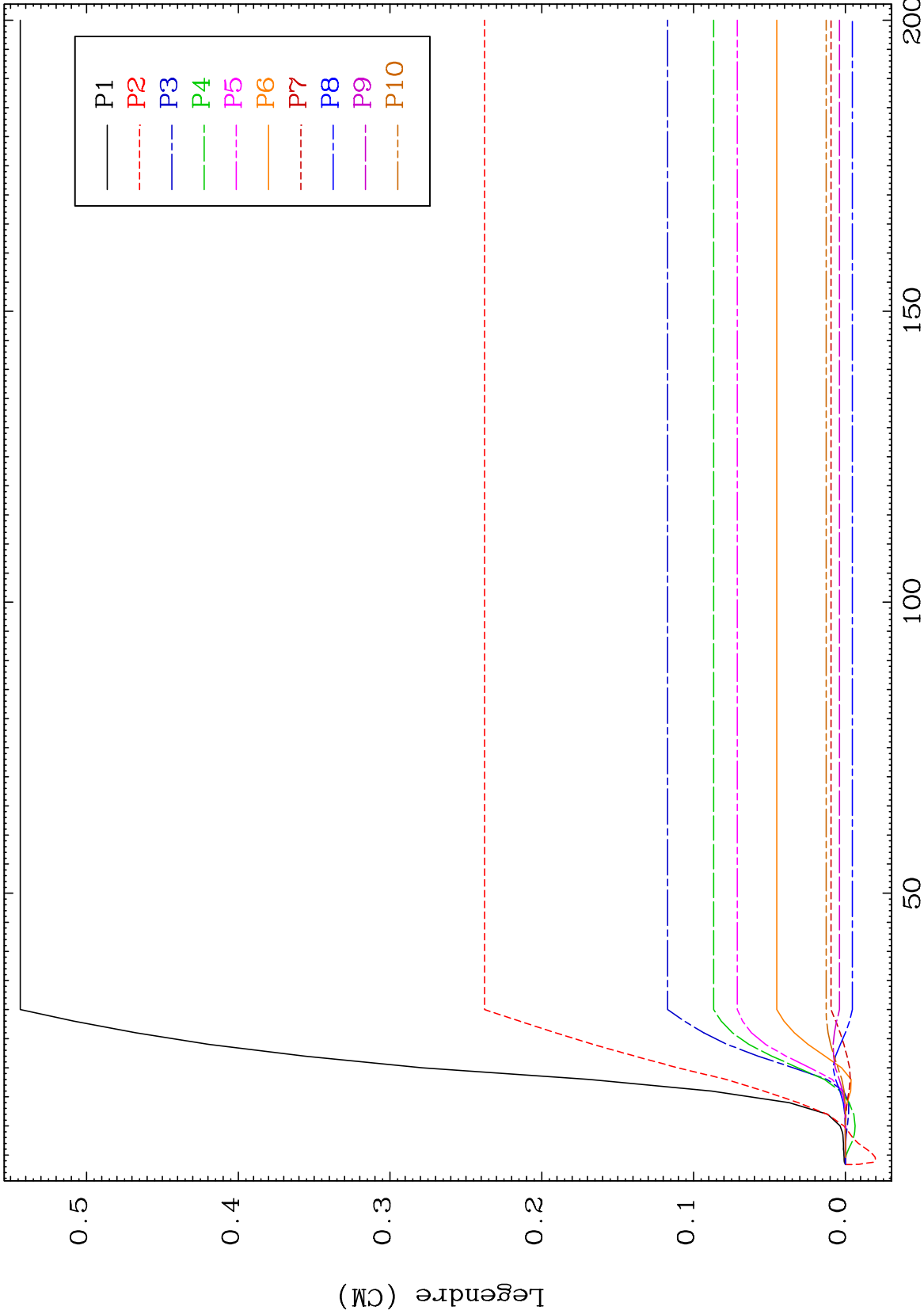
MAT 1128 MT= 64 (n,n') Level Legendre Coefficients 11-Na-24



MAT 1128

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

11-Na-24



60

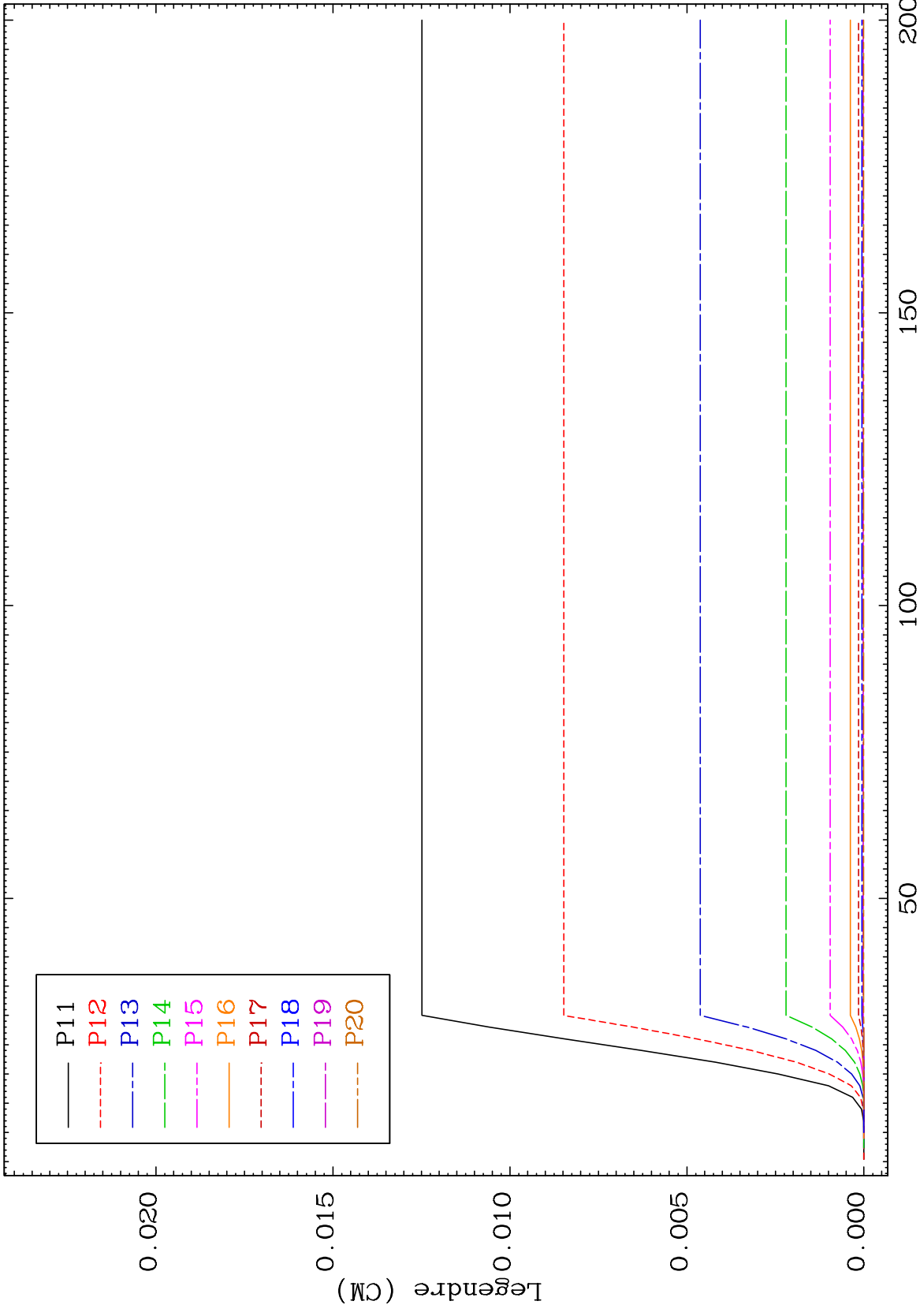
Incident Energy (MeV)

11-Na-24

MAT 1128

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

11-Na-24



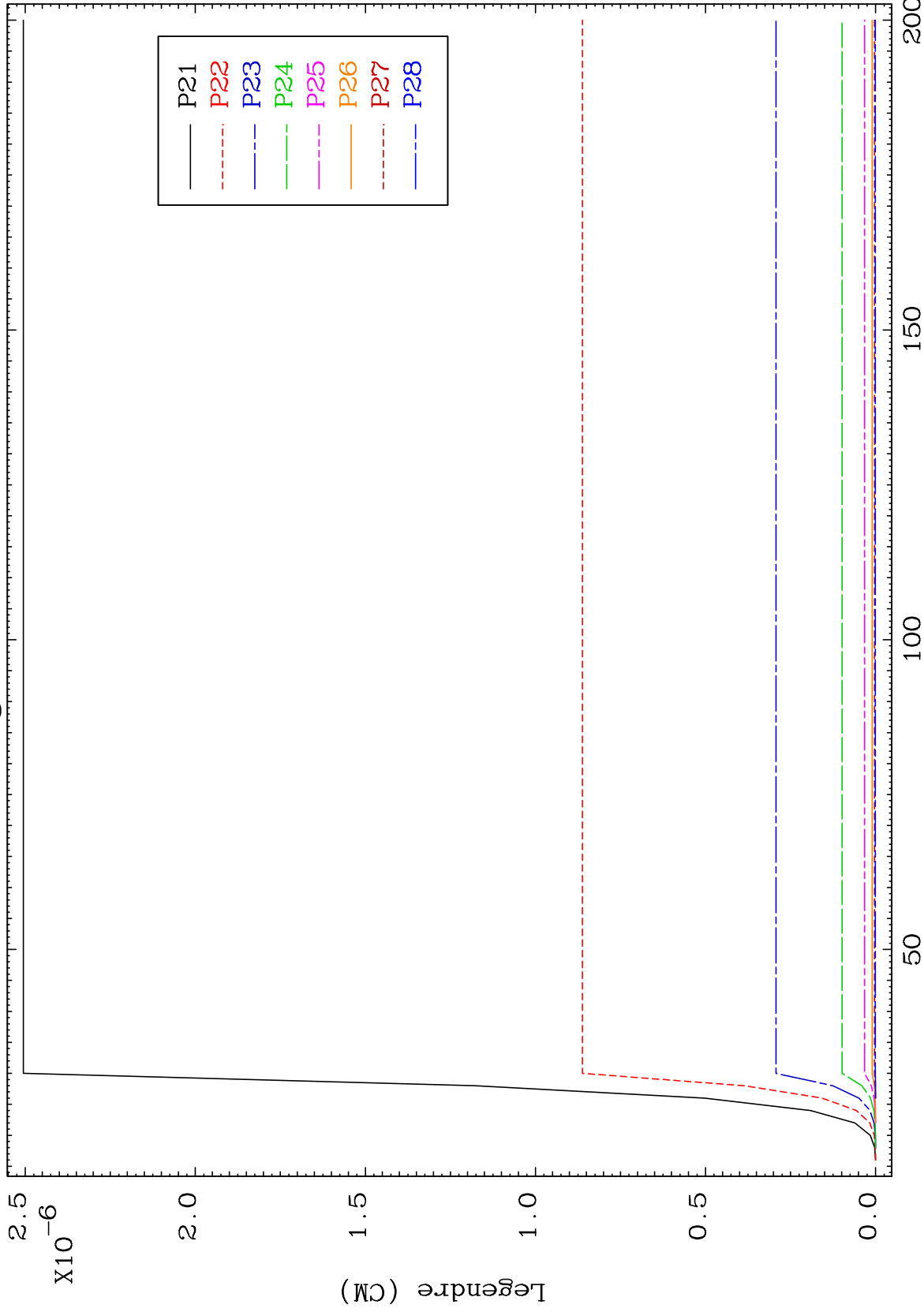
61

11-Na-24

MAT 1128

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

11-Na-24

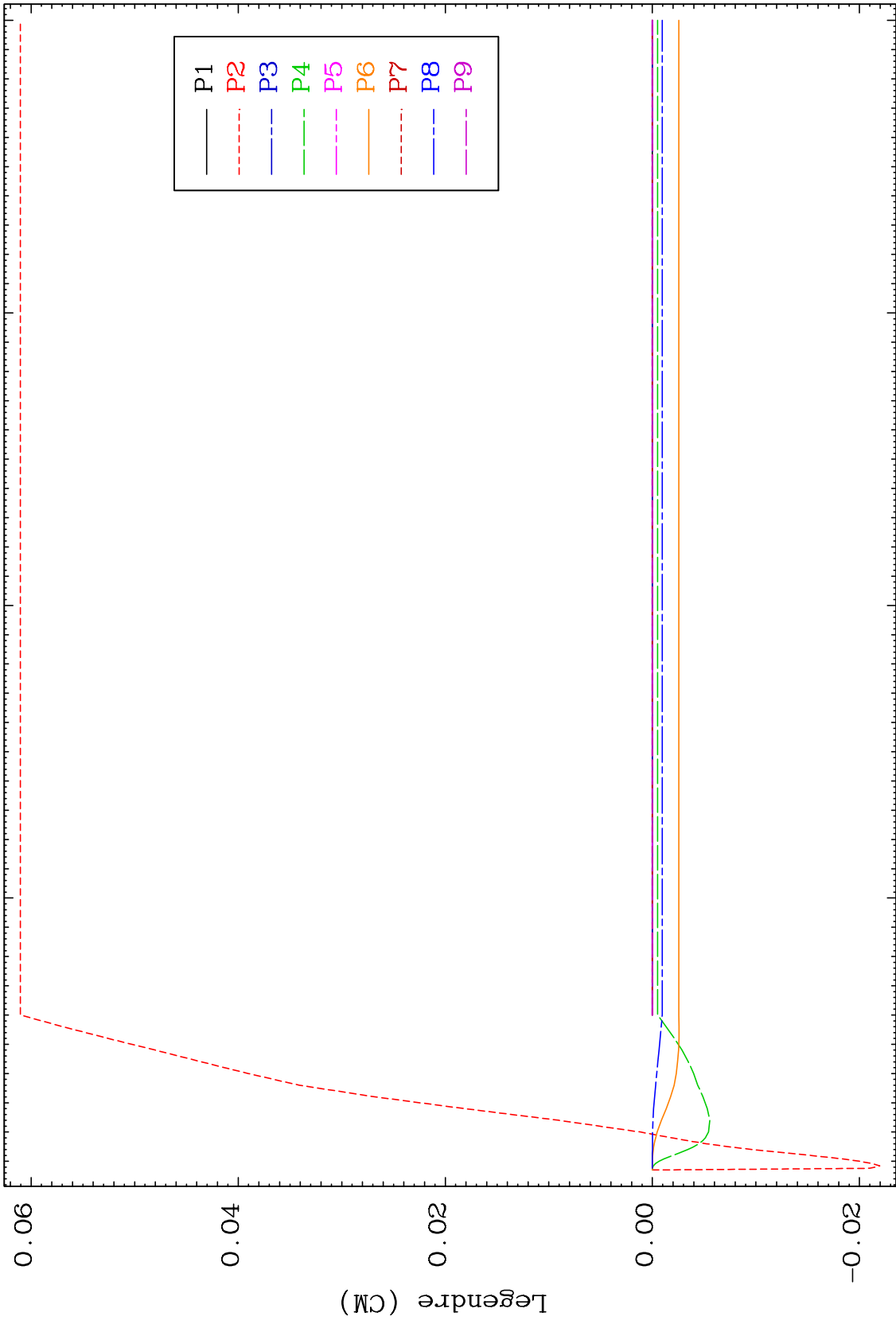


62

Incident Energy (MeV)

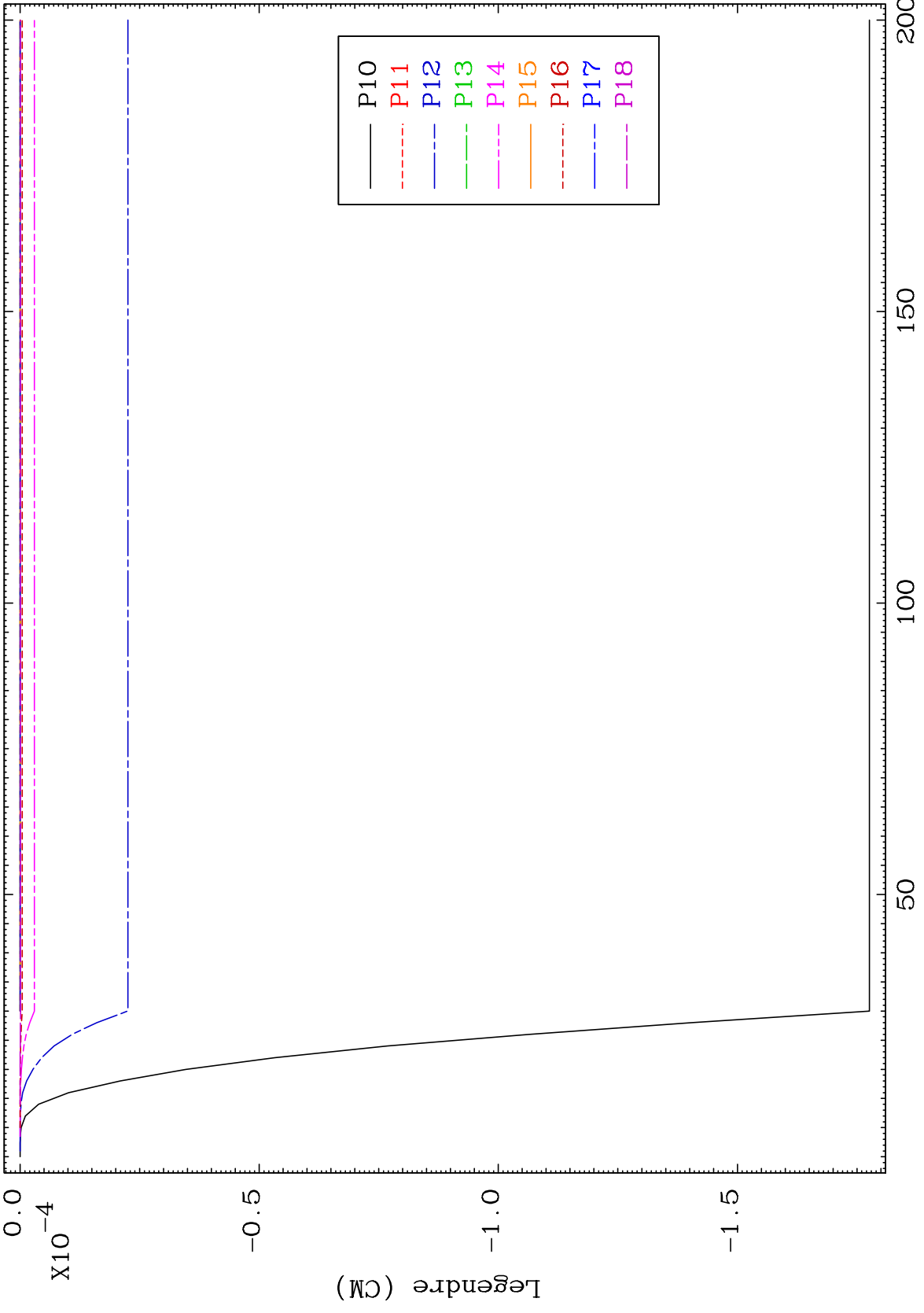
11-Na-24

MAT 1128 MT= 66 (n,n') Level Legendre Coefficients 11-Na-24

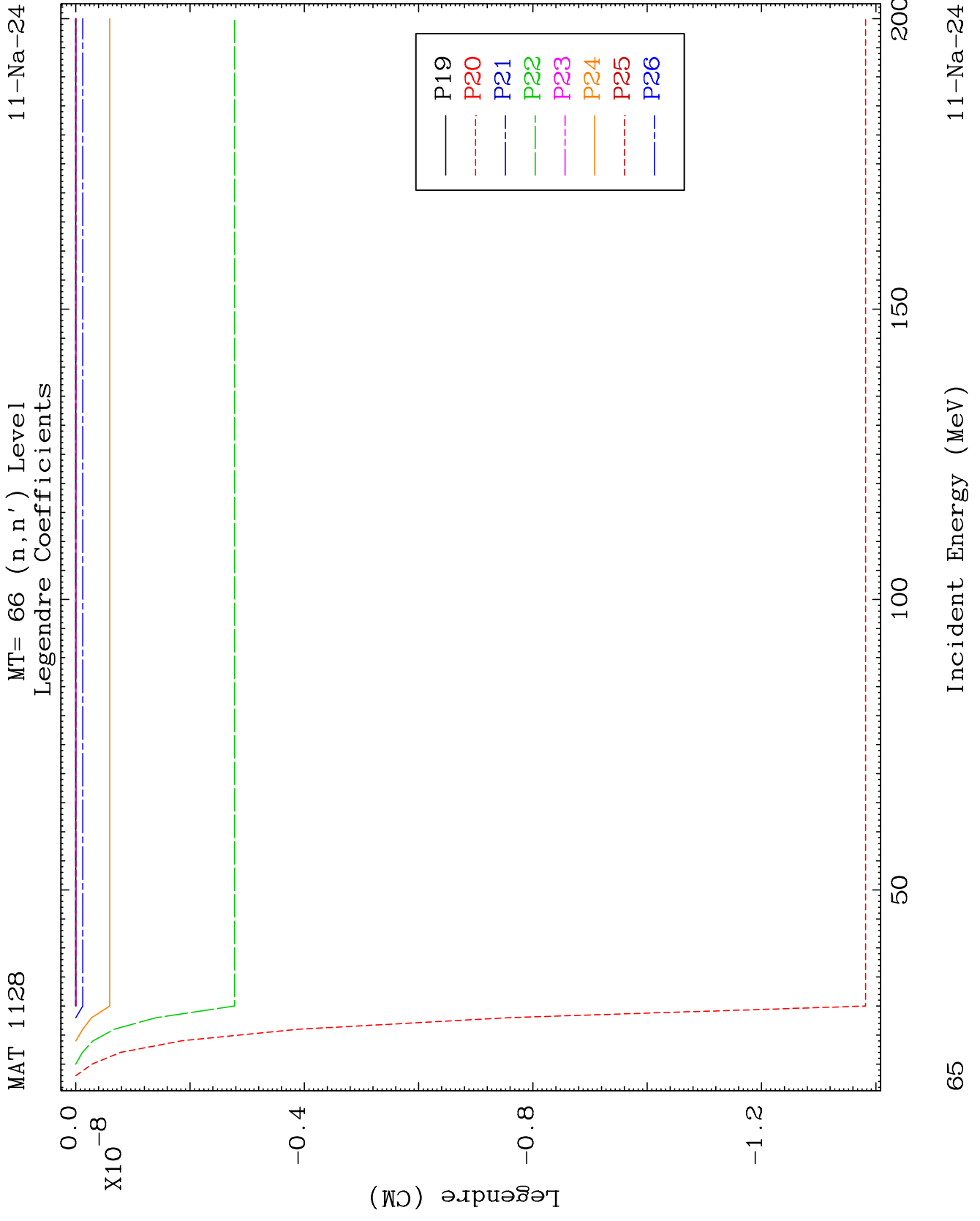


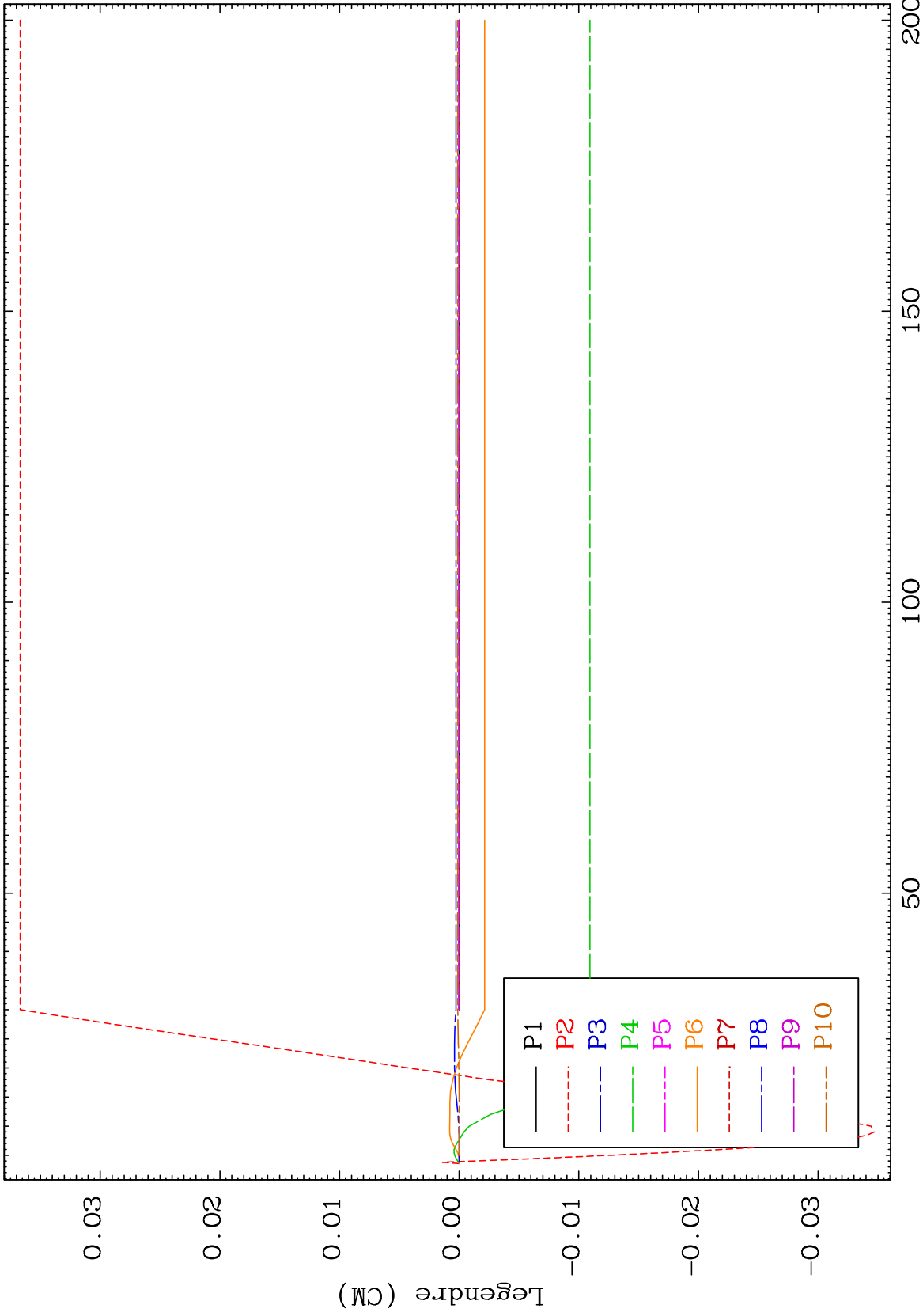
63 Incident Energy (MeV) 11-Na-24

MAT 1128 MT= 66 (n,n') Level Legendre Coefficients 11-Na-24

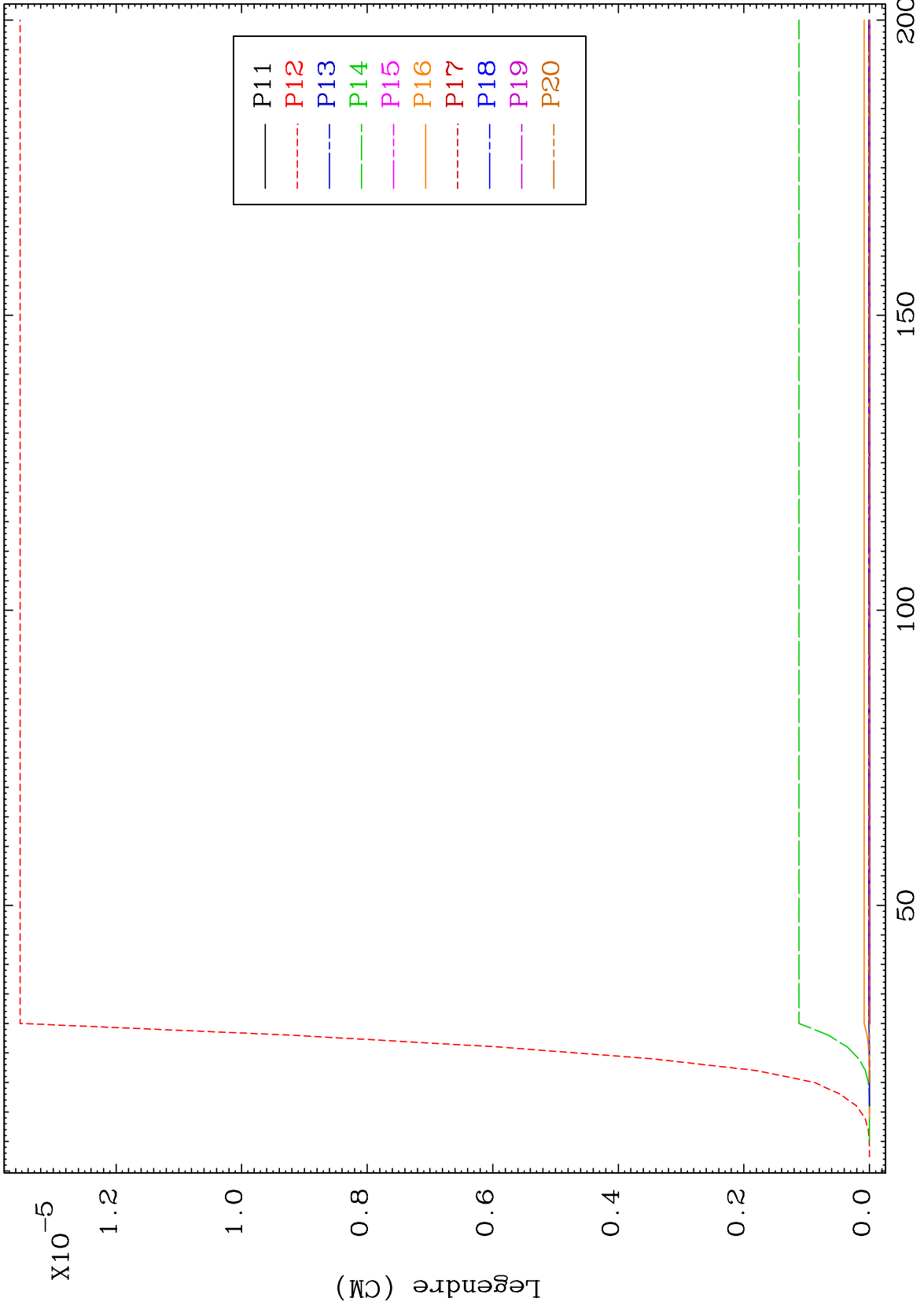


64 11-Na-24





MAT 1128 MT= 67 (n,n') Level Legendre Coefficients 11-Na-24

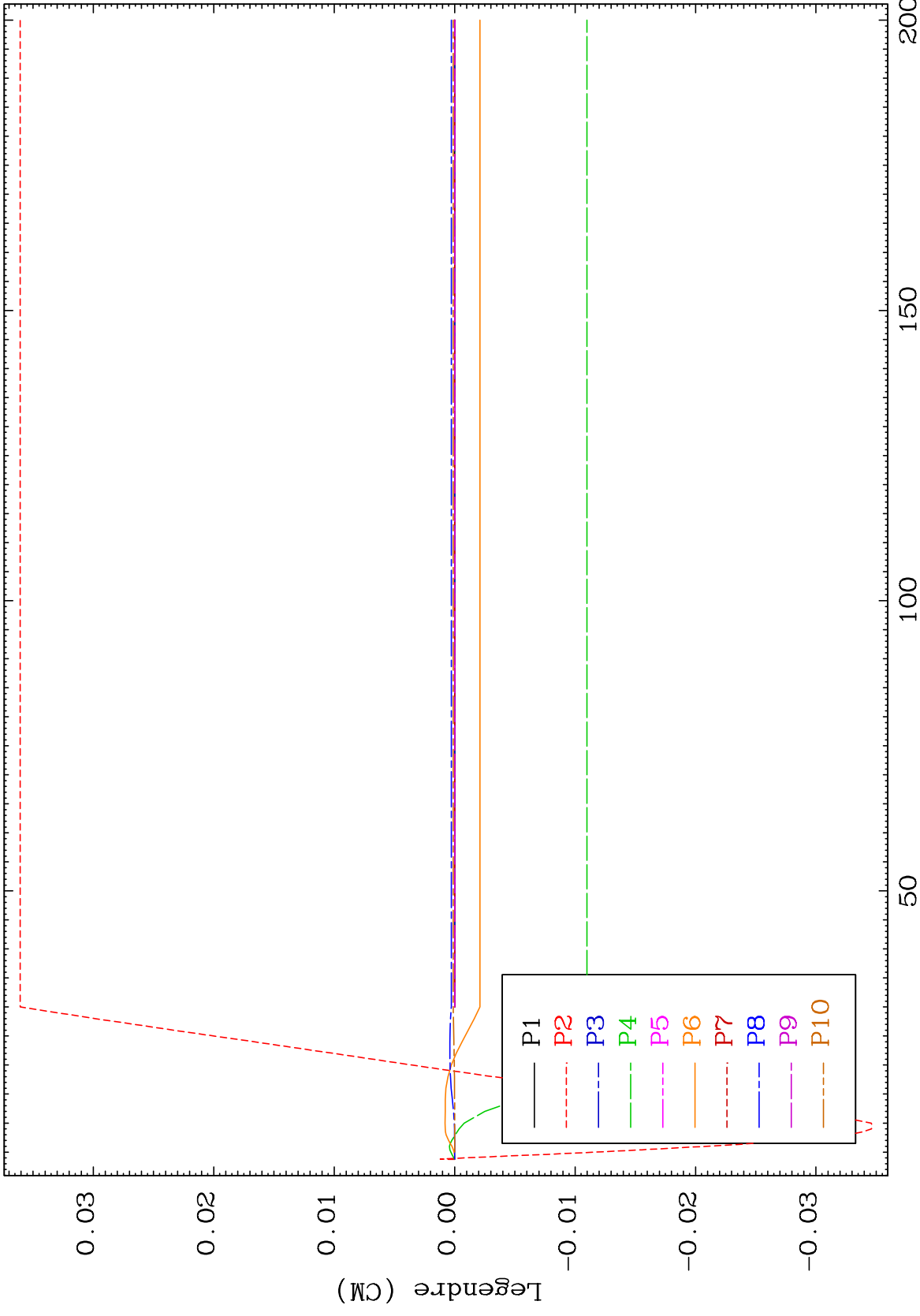


67 11-Na-24

MAT 1128

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

11-Na-24

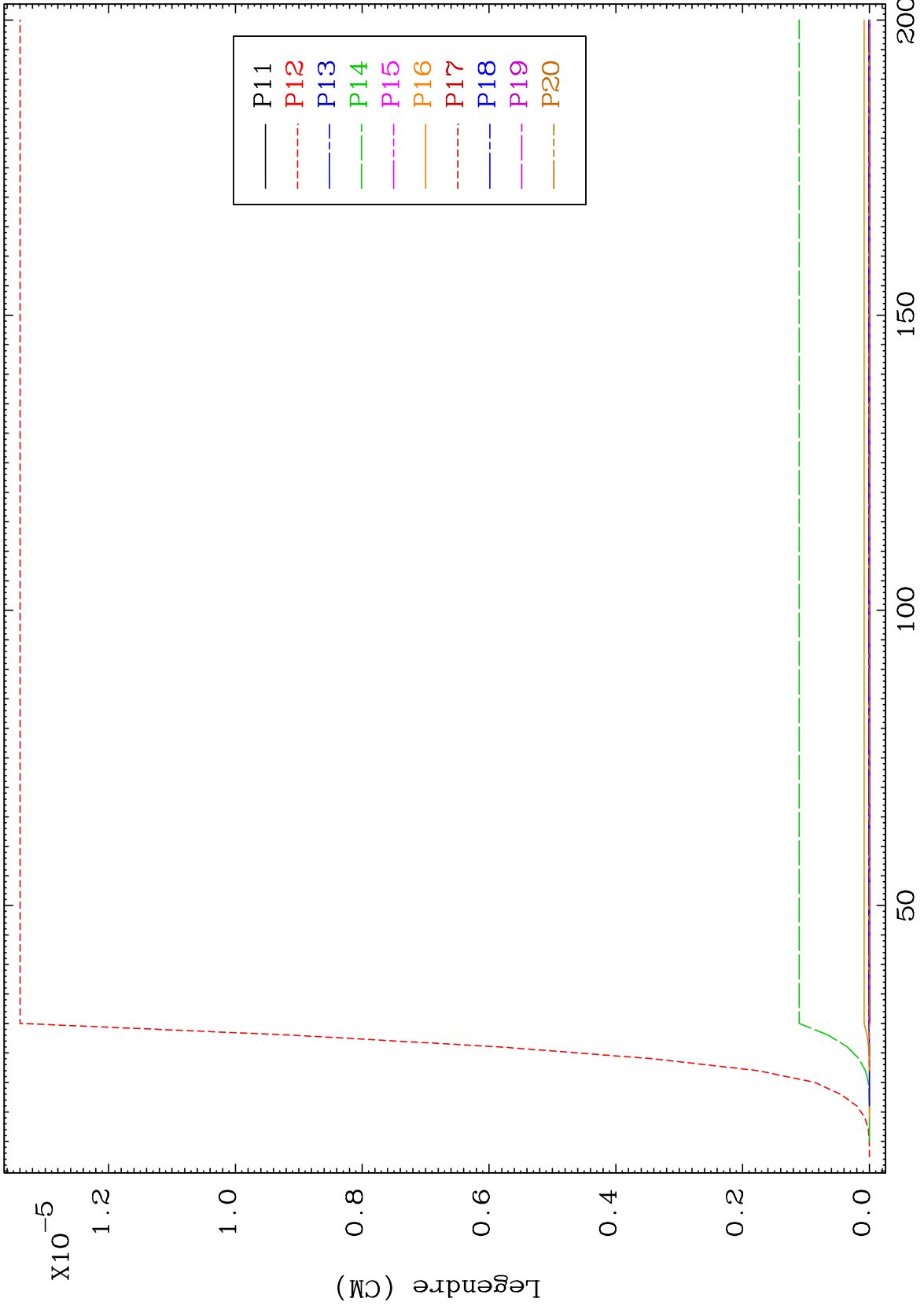


68

Incident Energy (MeV)

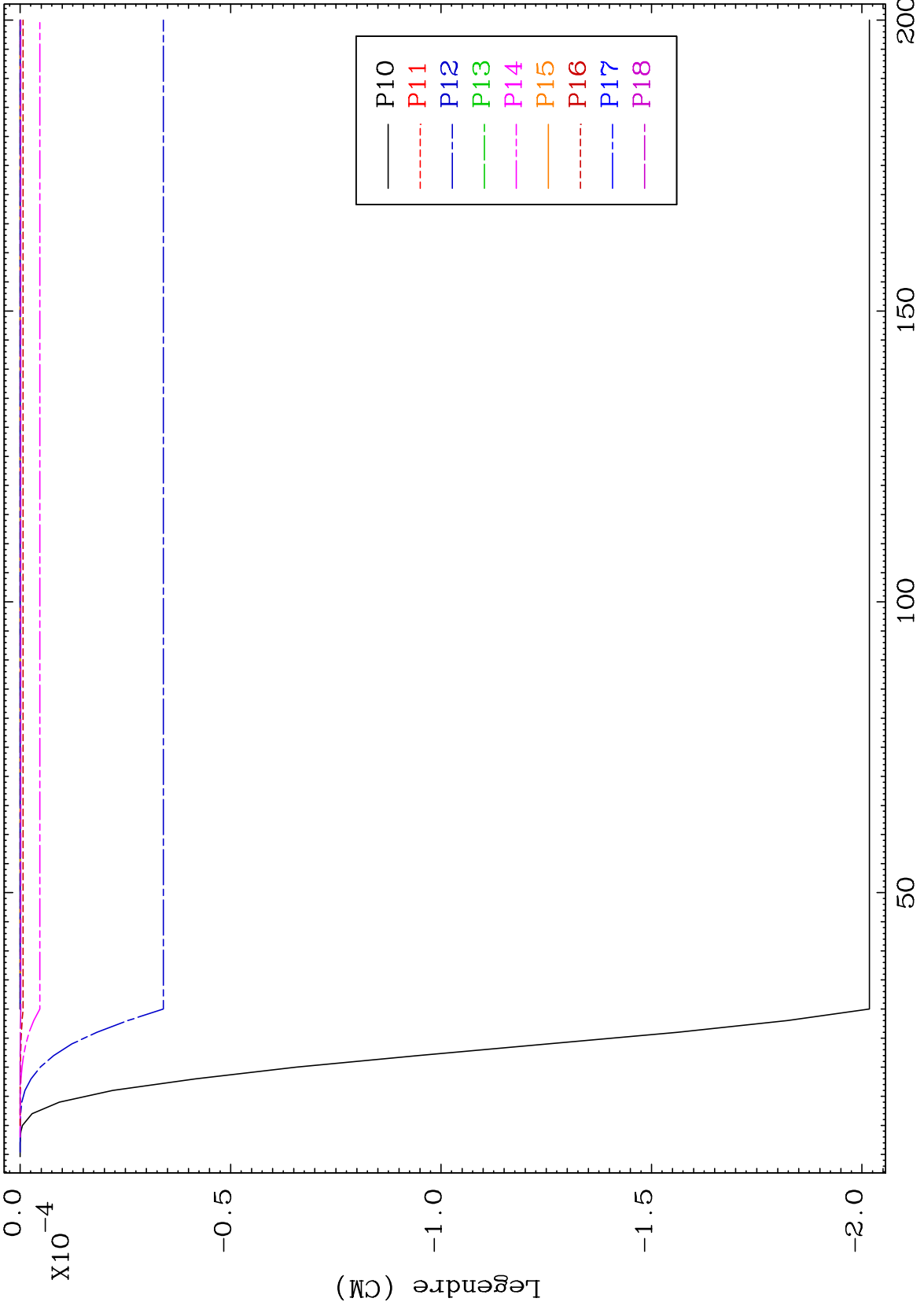
11-Na-24

MAT 1128 MT= 68 (n,n') Level Legendre Coefficients 11-Na-24

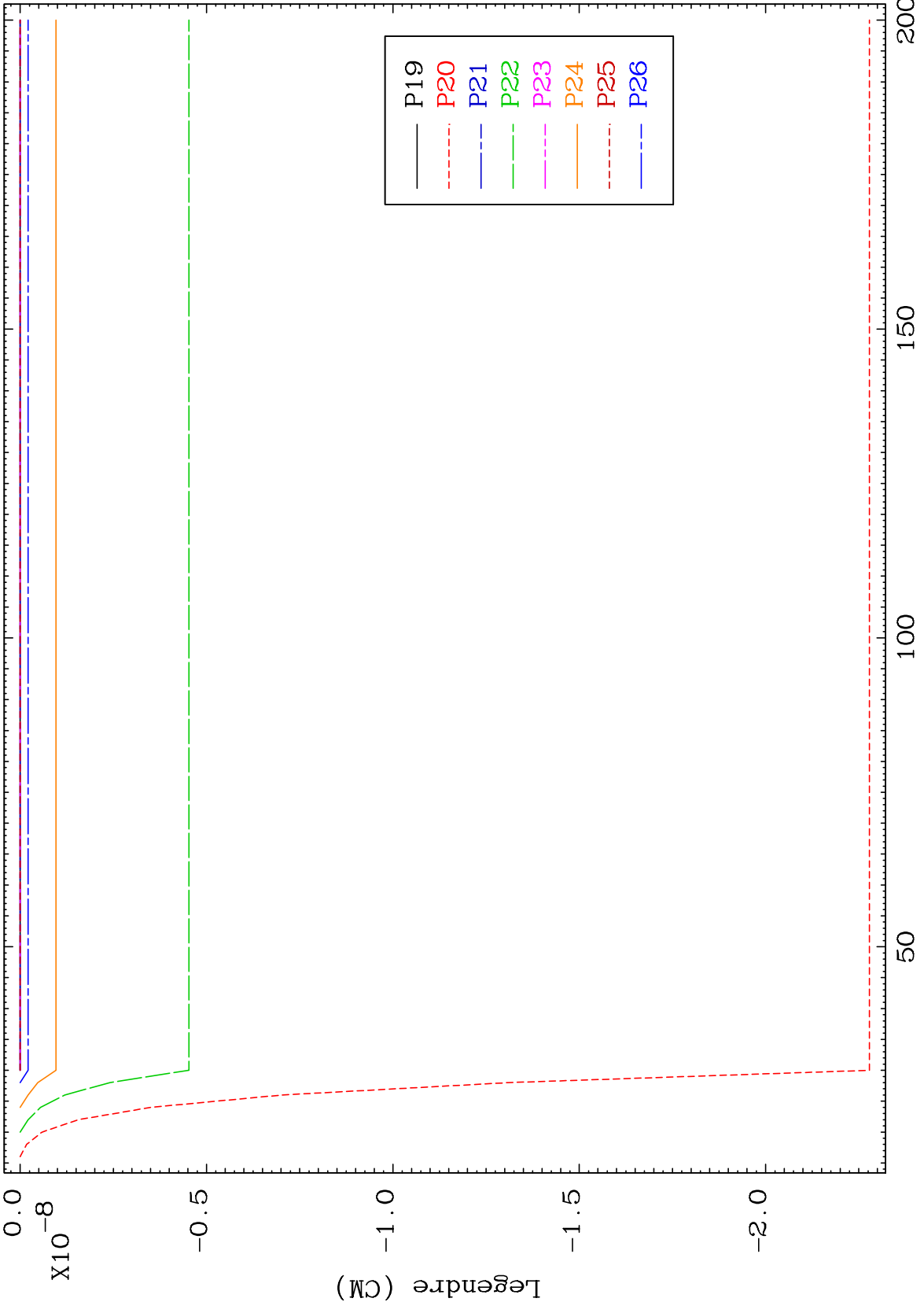


69 11-Na-24

MAT 1128 MT= 69 (n,n') Level Legendre Coefficients 11-Na-24



MAT 1128 MT= 69 (n,n') Level Legendre Coefficients 11-Na-24

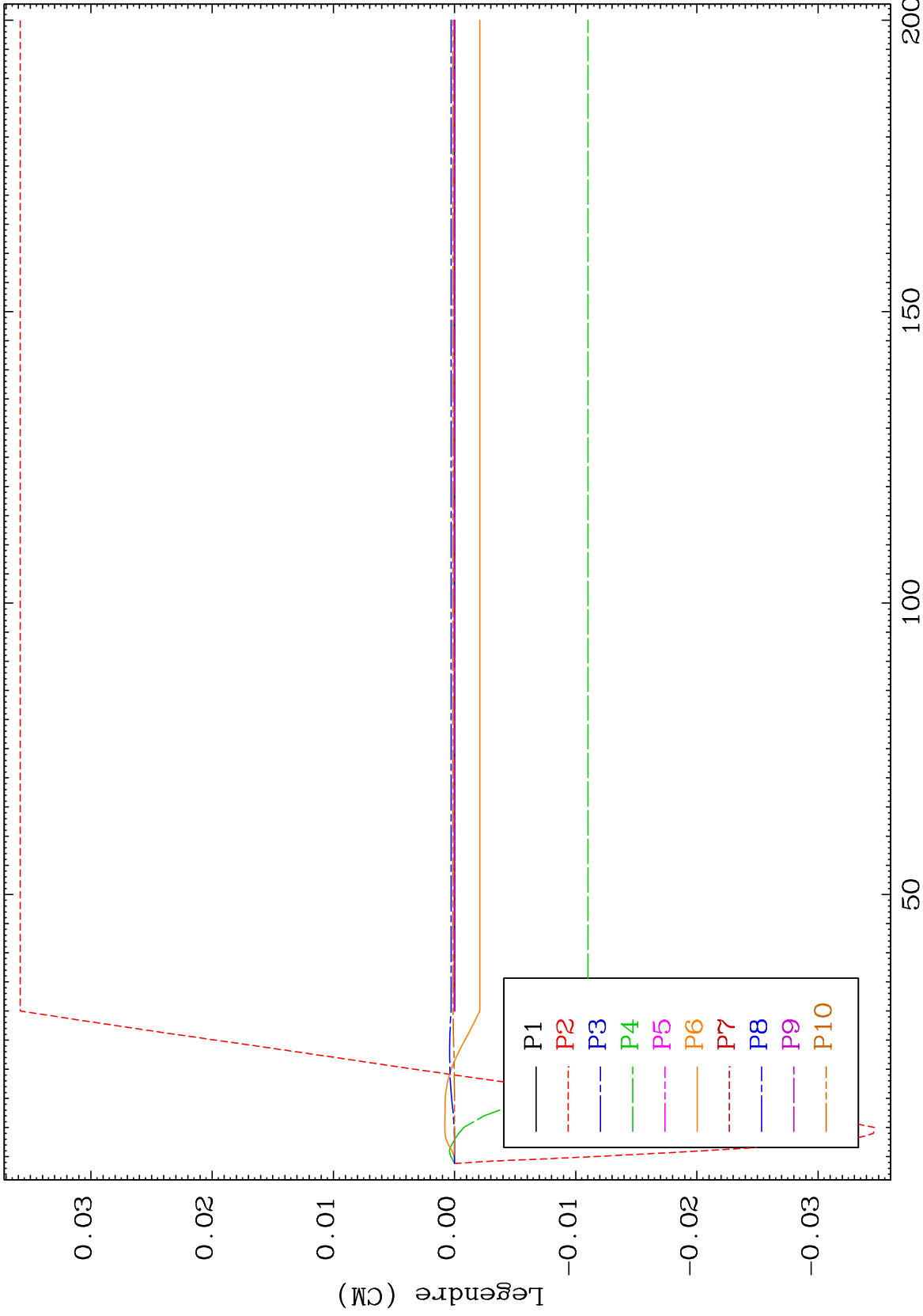


72 11-Na-24

MAT 1128

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

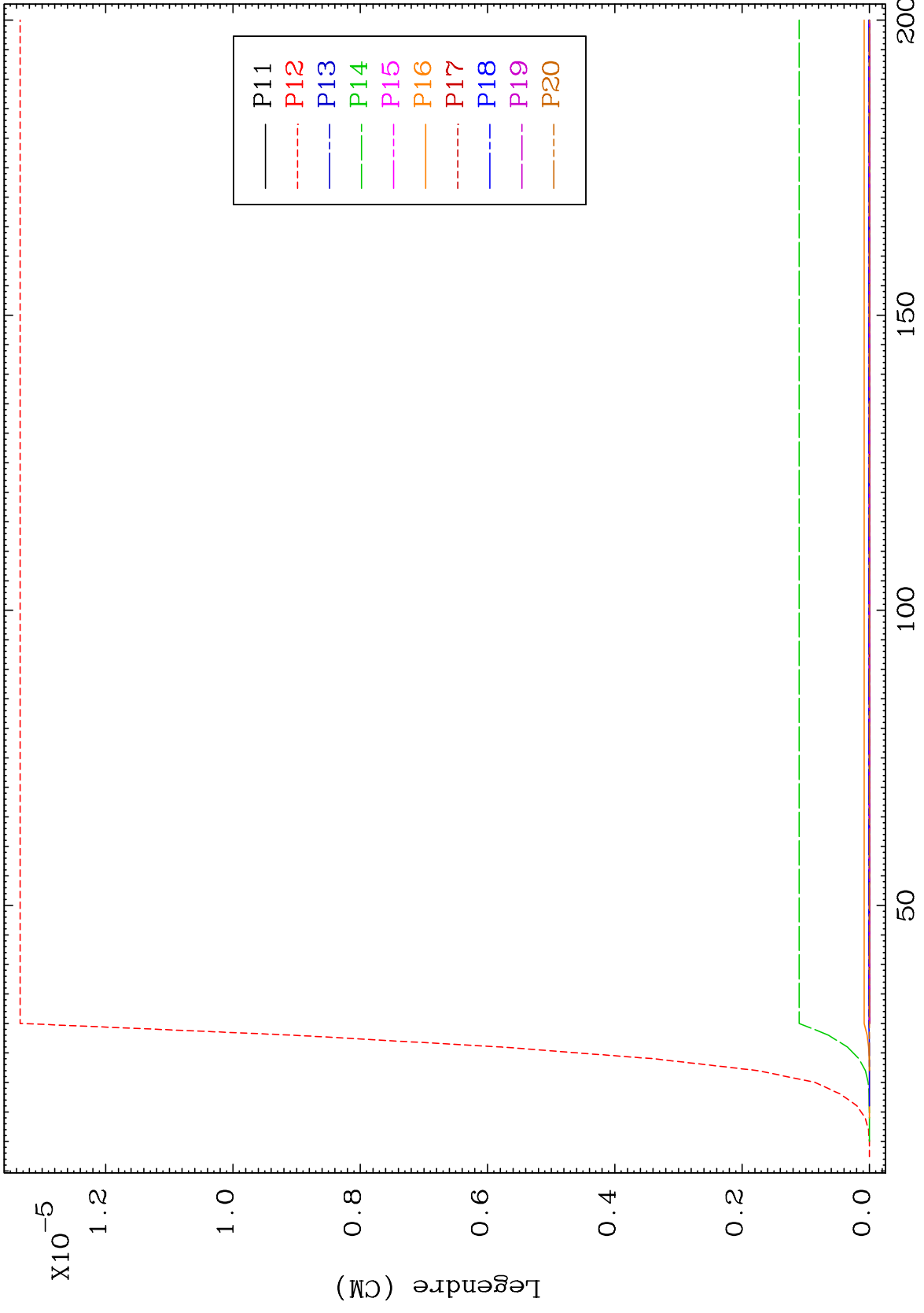
11-Na-24



73

11-Na-24

MAT 1128 MT= 70 (n,n') Level Legendre Coefficients 11-Na-24

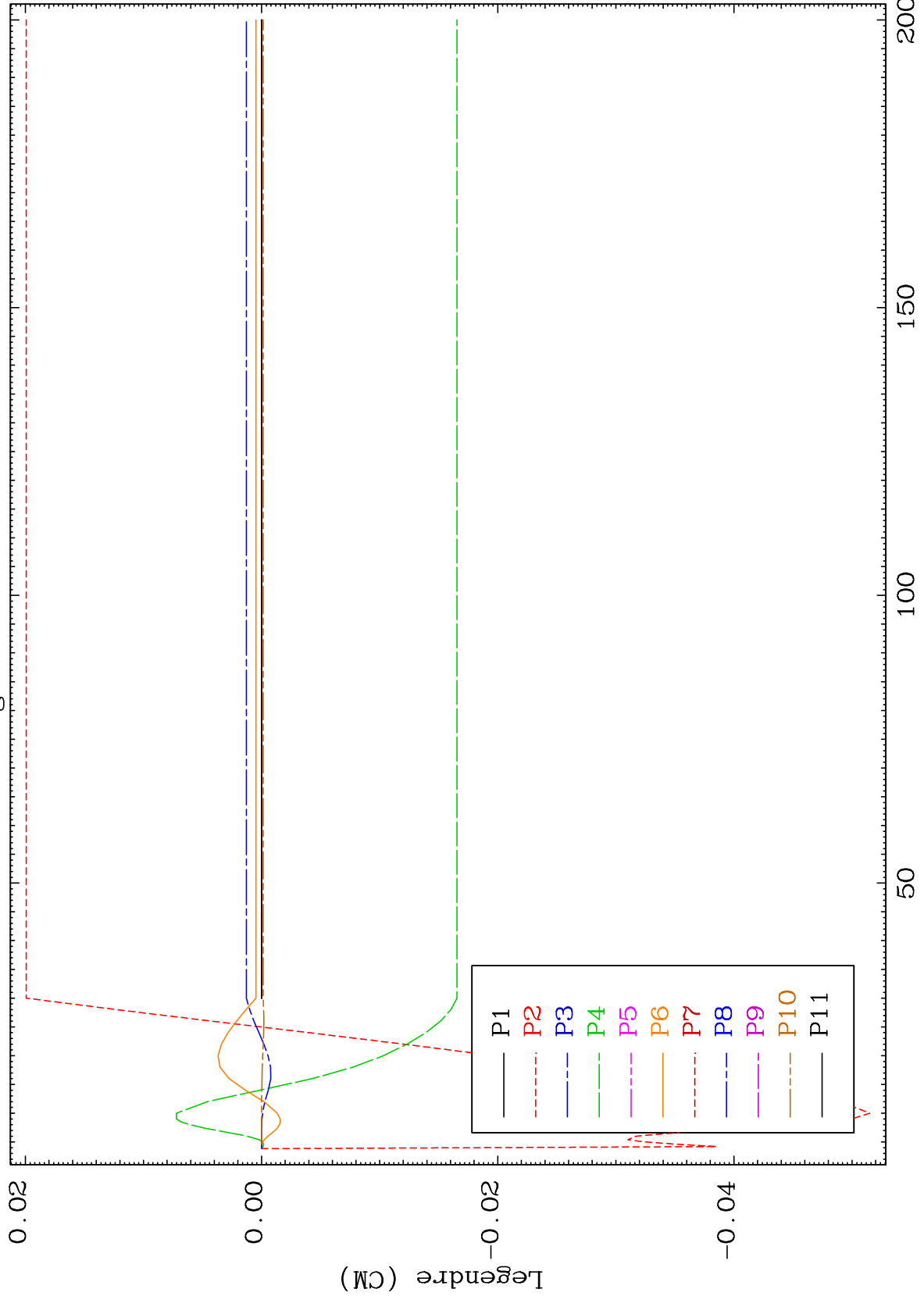


74 11-Na-24

MAT 1128 MT= 71 (n,n') Level Legendre Coefficients

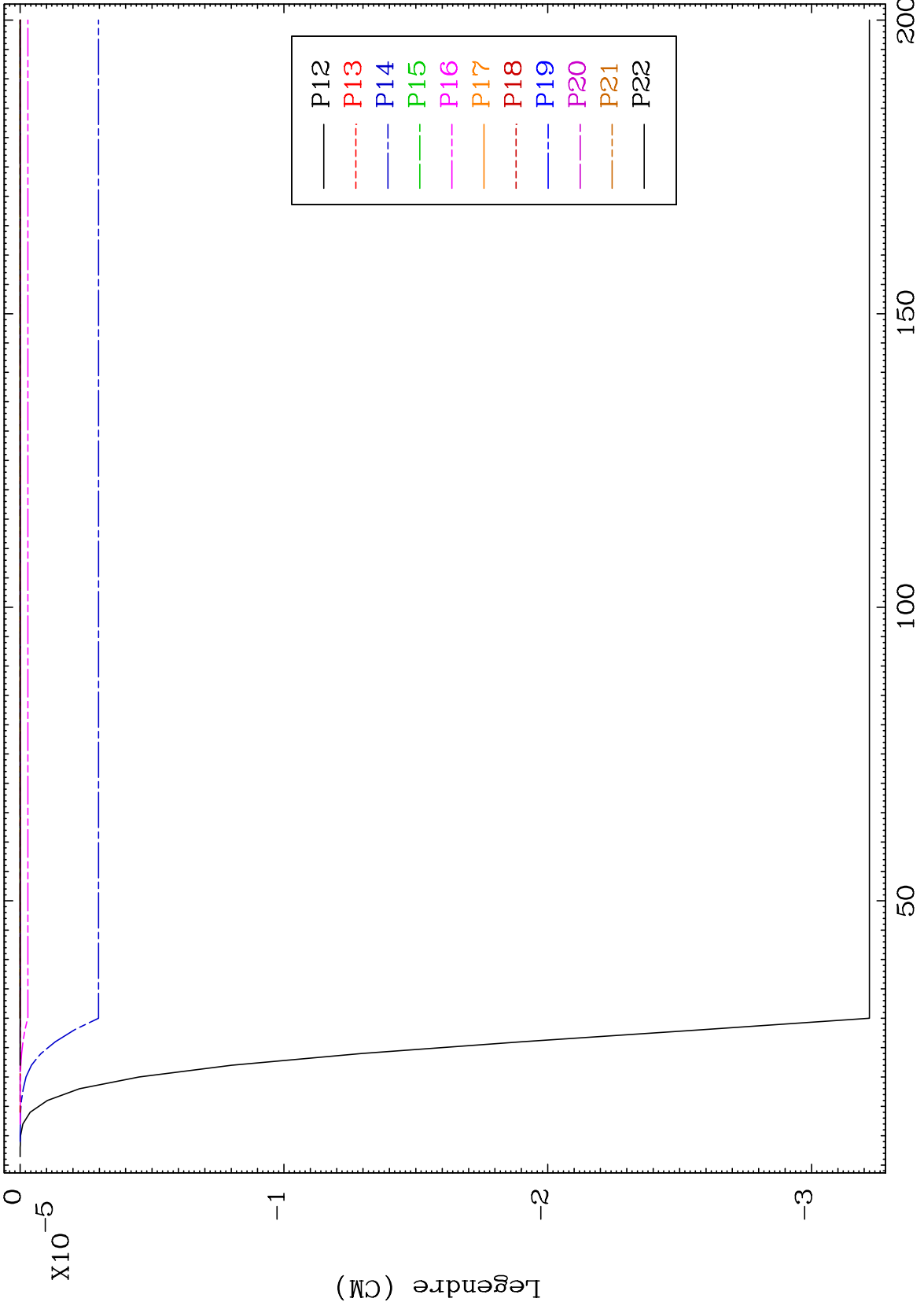
11-Na-24

11-Na-24



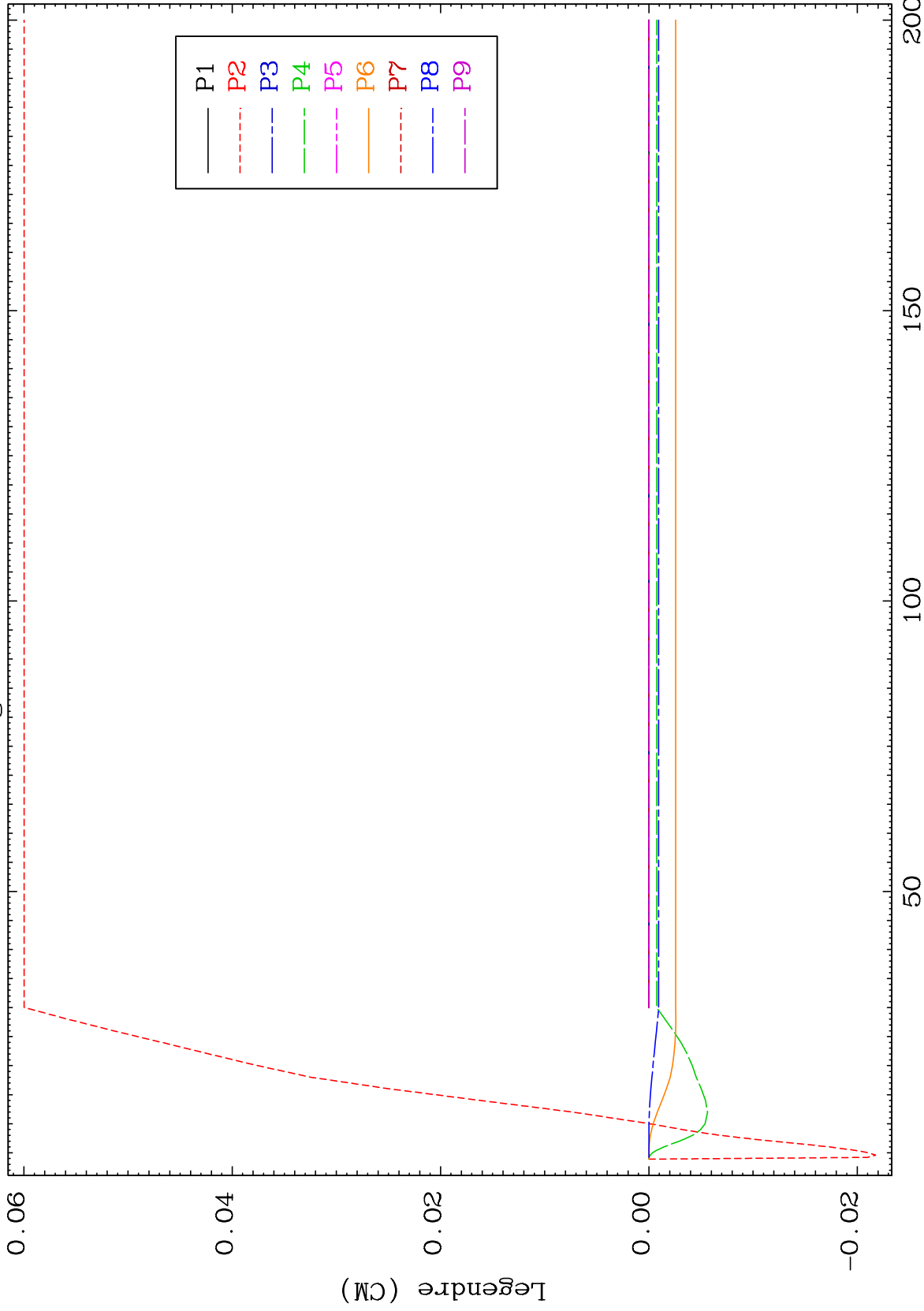
75

MAT 1128 MT= 71 (n,n') Level Legendre Coefficients 11-Na-24



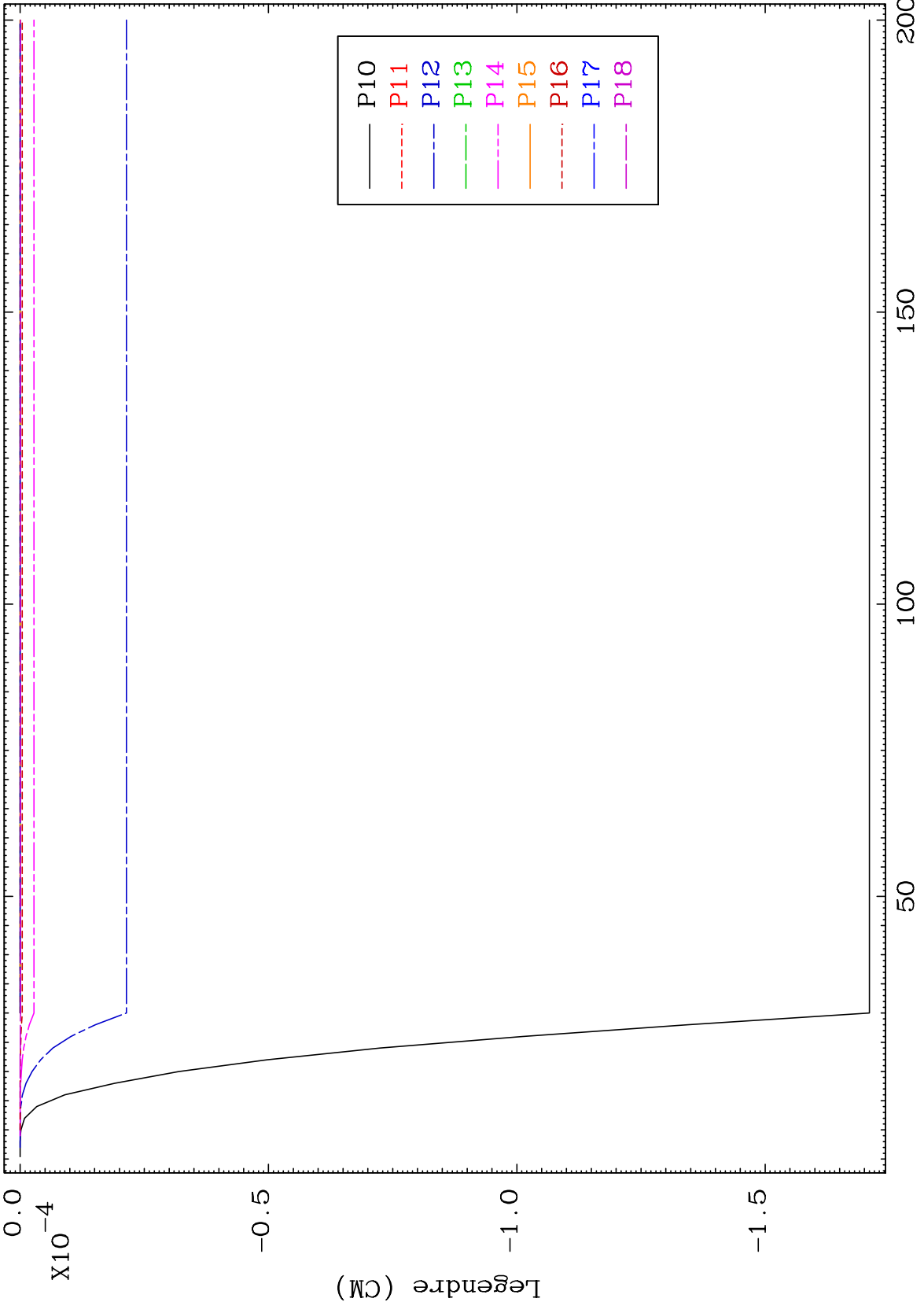
76 Incident Energy (MeV) 11-Na-24

MAT 1128 MT= 72 (n,n') Level Legendre Coefficients 11-Na-24



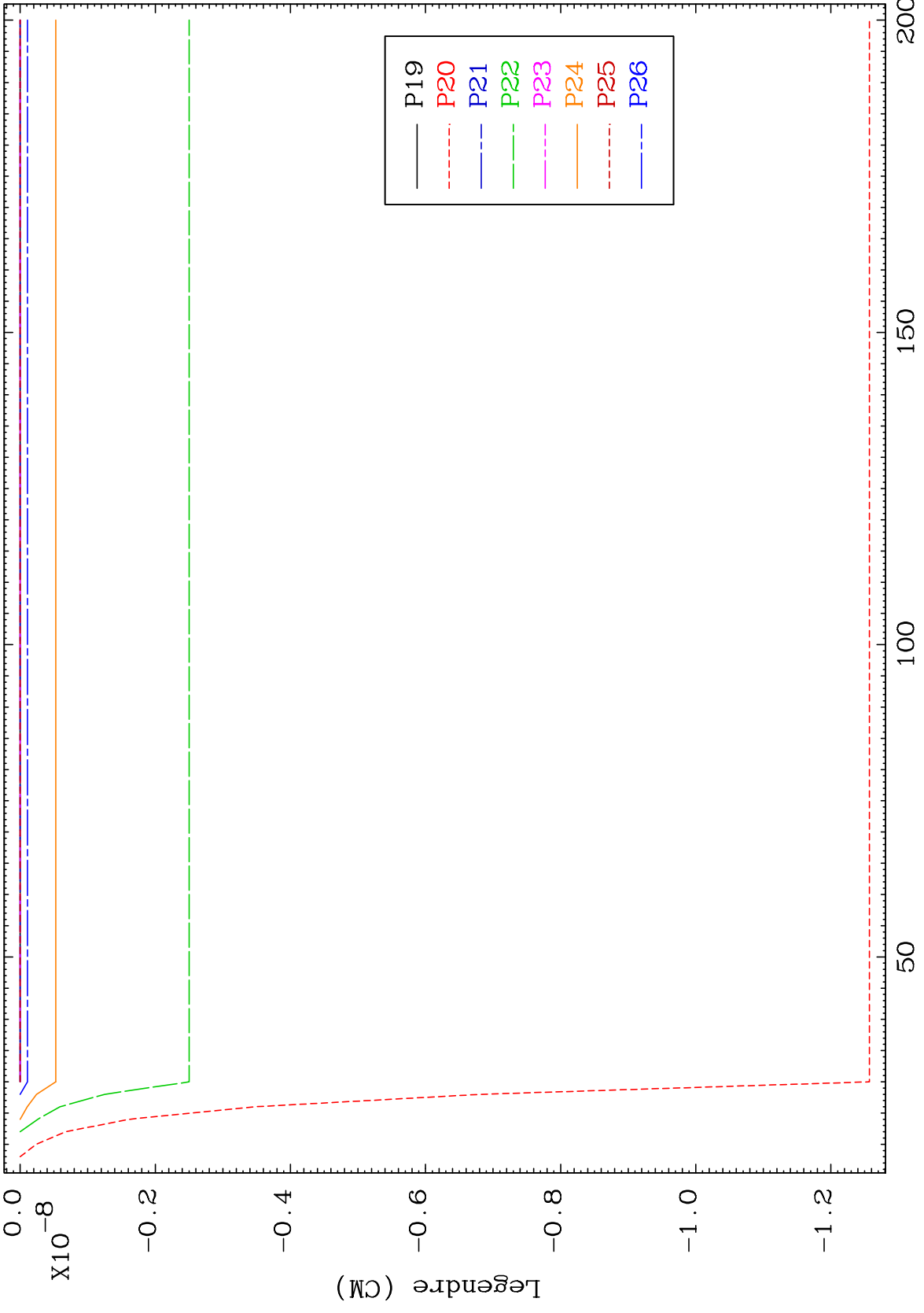
77 11-Na-24

MAT 1128 MT= 72 (n,n') Level Legendre Coefficients 11-Na-24



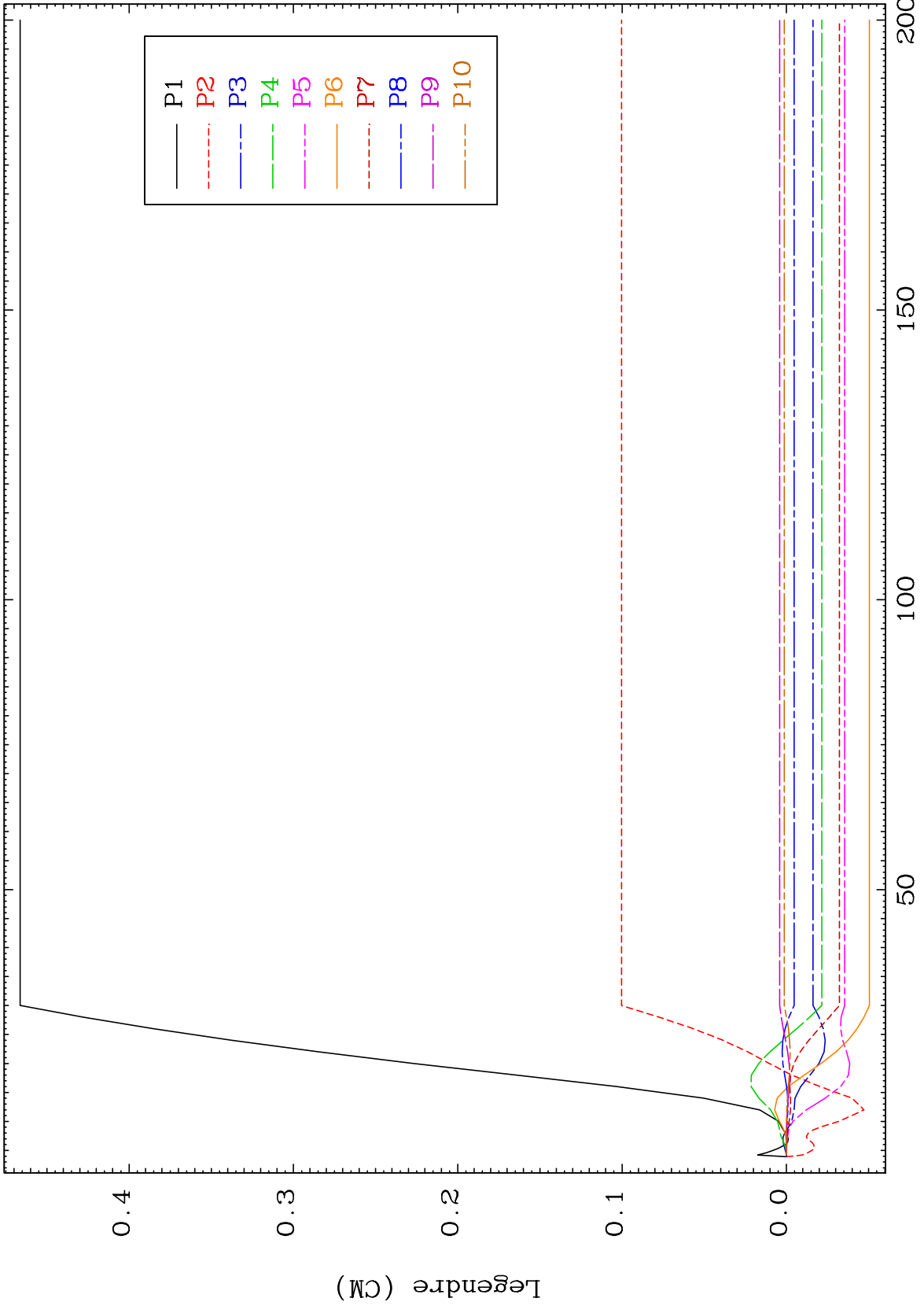
78 11-Na-24

MAT 1128 MT= 72 (n,n') Level Legendre Coefficients 11-Na-24



79 11-Na-24

MAT 1128 MT= 73 (n,n') Level Legendre Coefficients 11-Na-24

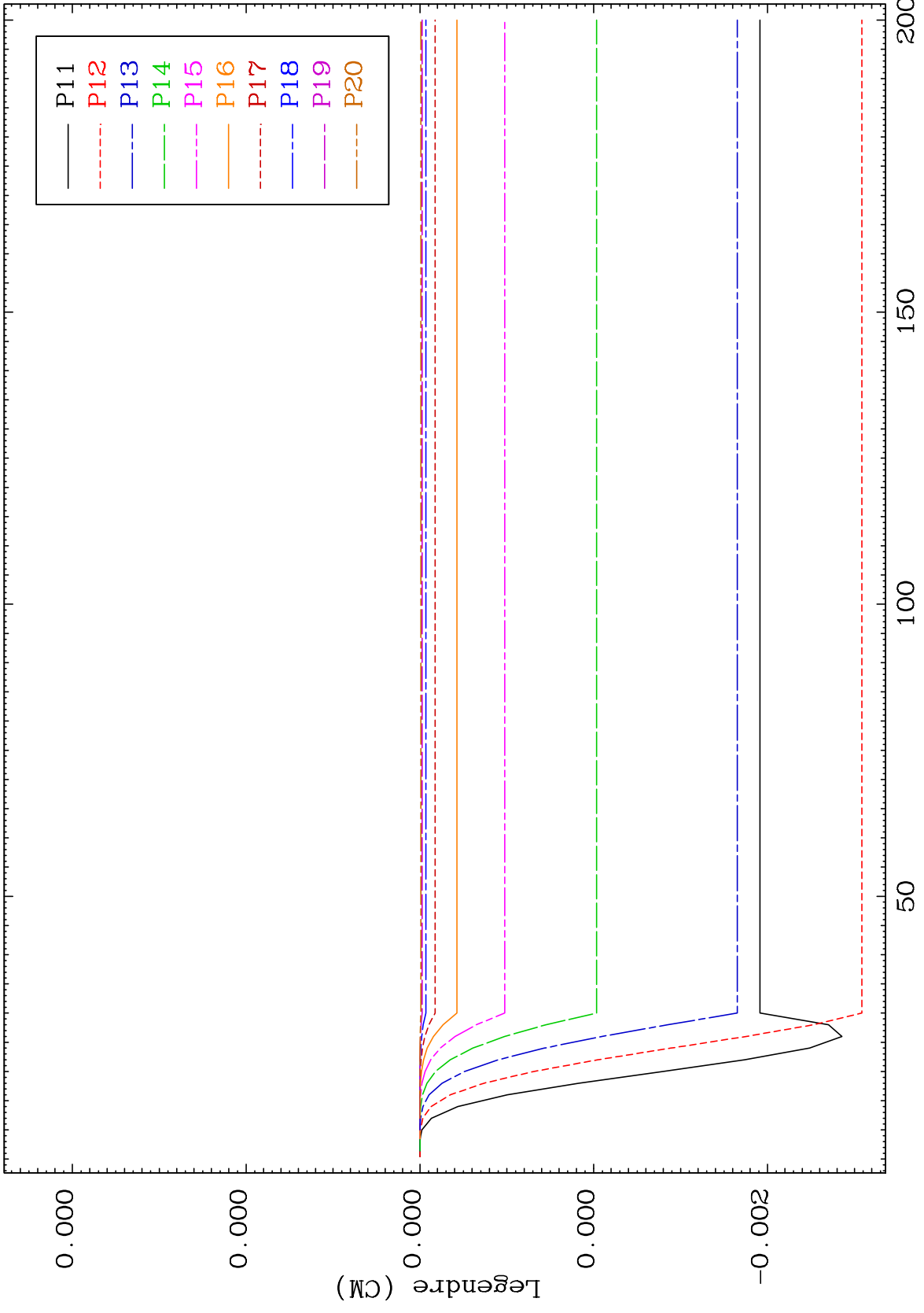


80 150 200 11-Na-24

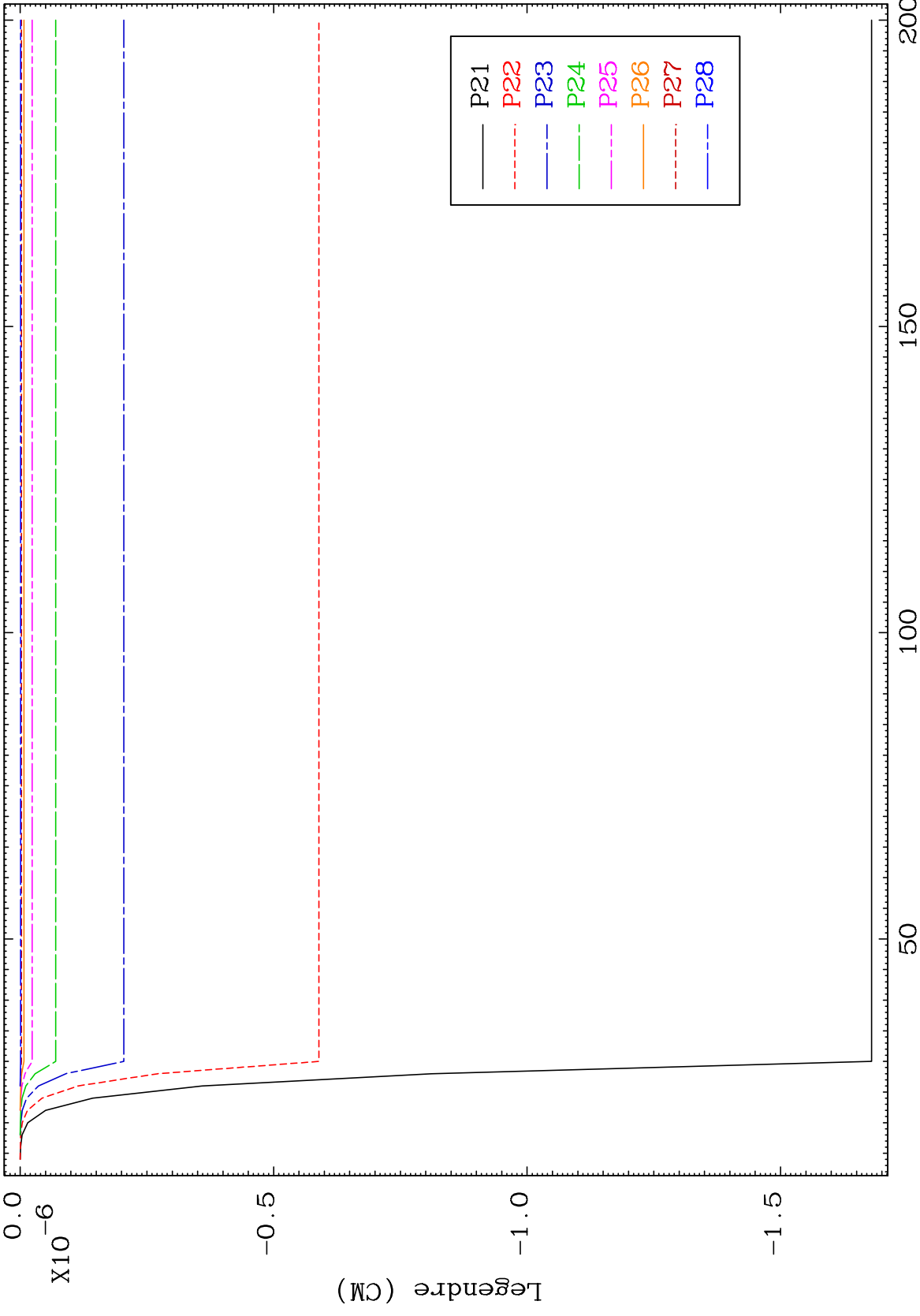
MAT 1128

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

11-Na-24



MAT 1128 MT= 73 (n,n') Level Legendre Coefficients 11-Na-24



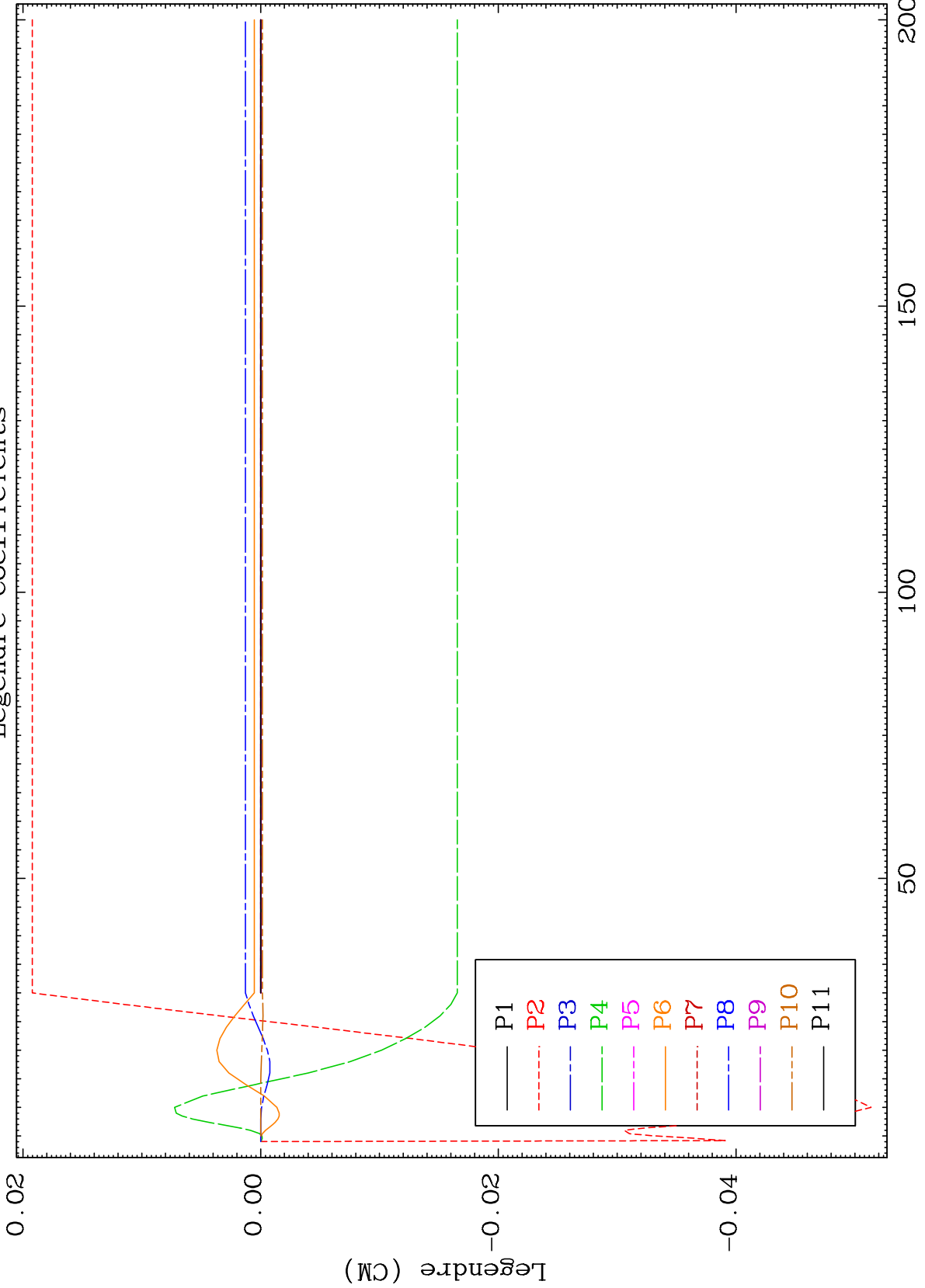
MAT 1128 MT= 74 (n,n') Level Legendre Coefficients

11-Na-24

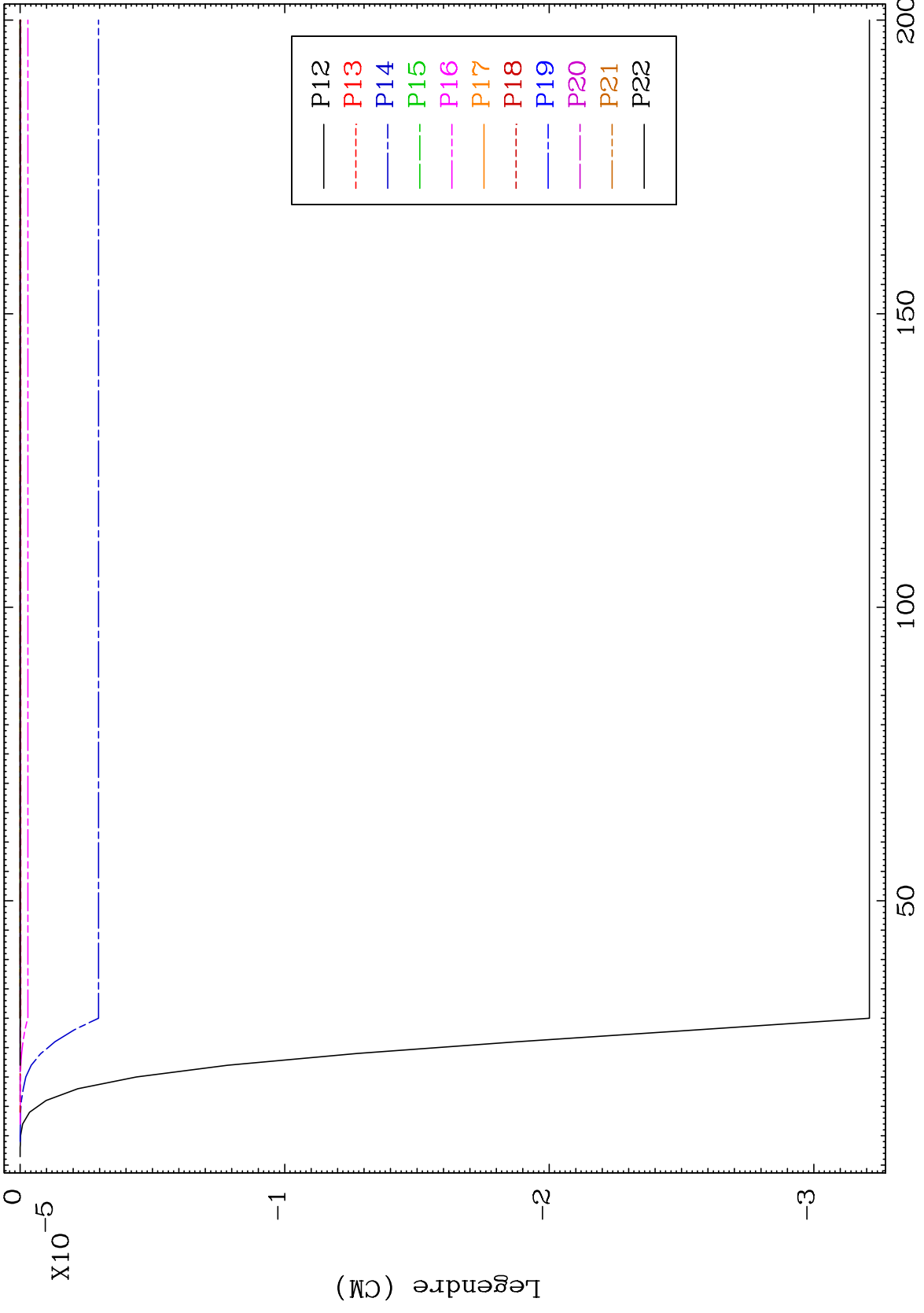
11-Na-24

Incident Energy (MeV)

83

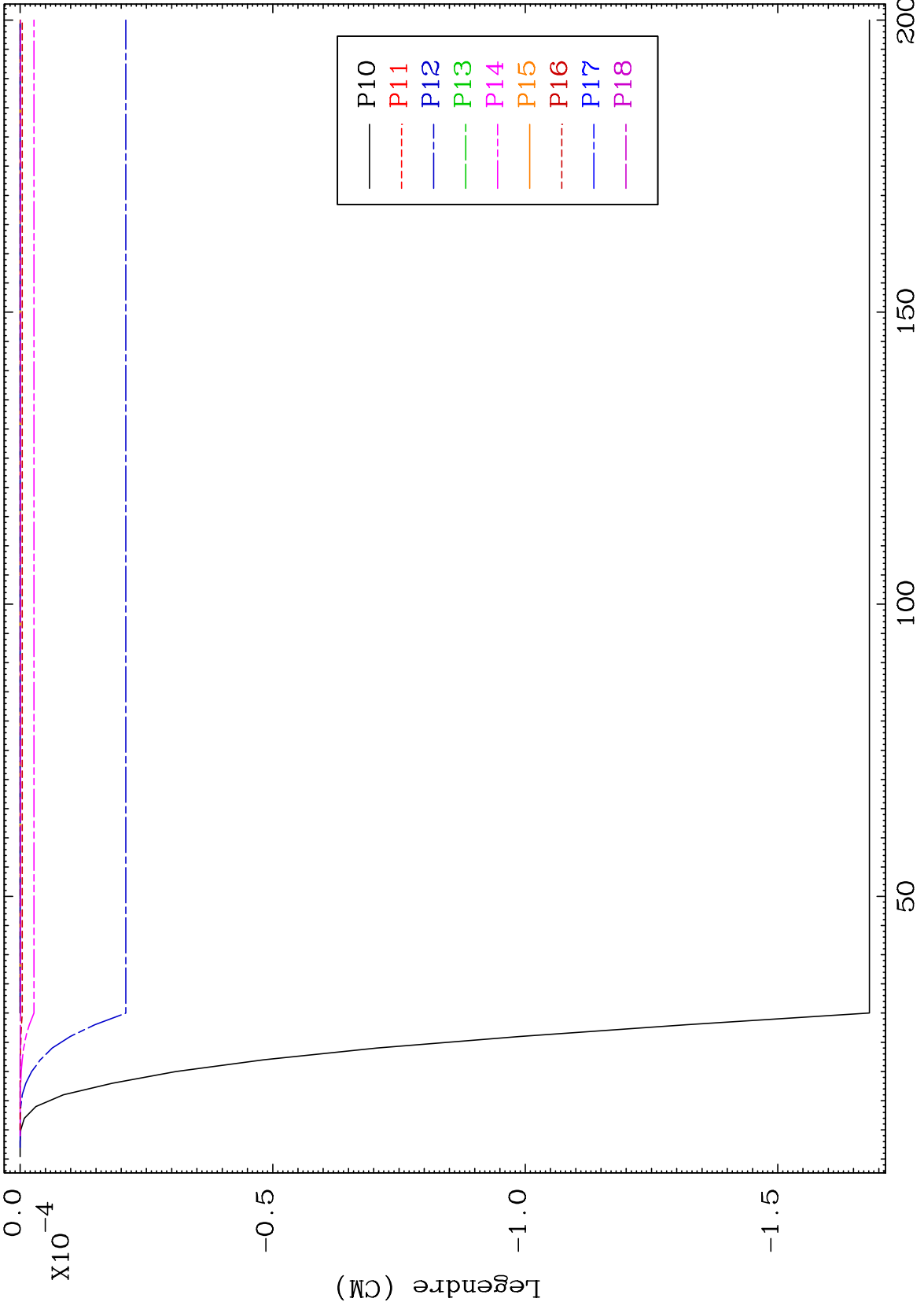


MAT 1128 MT= 74 (n,n') Level Legendre Coefficients 11-Na-24

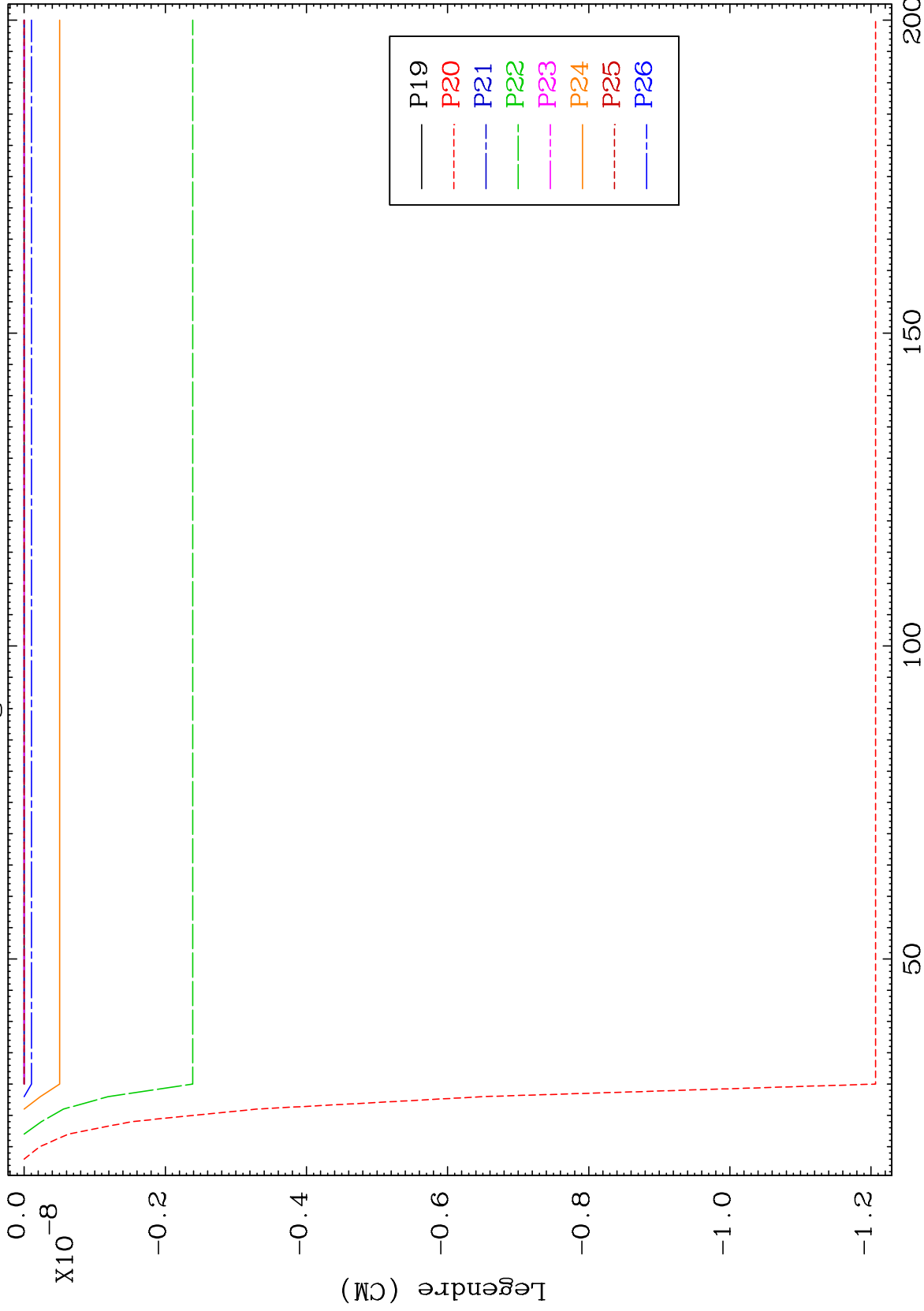


84 11-Na-24

MAT 1128 MT= 75 (n,n') Level Legendre Coefficients 11-Na-24



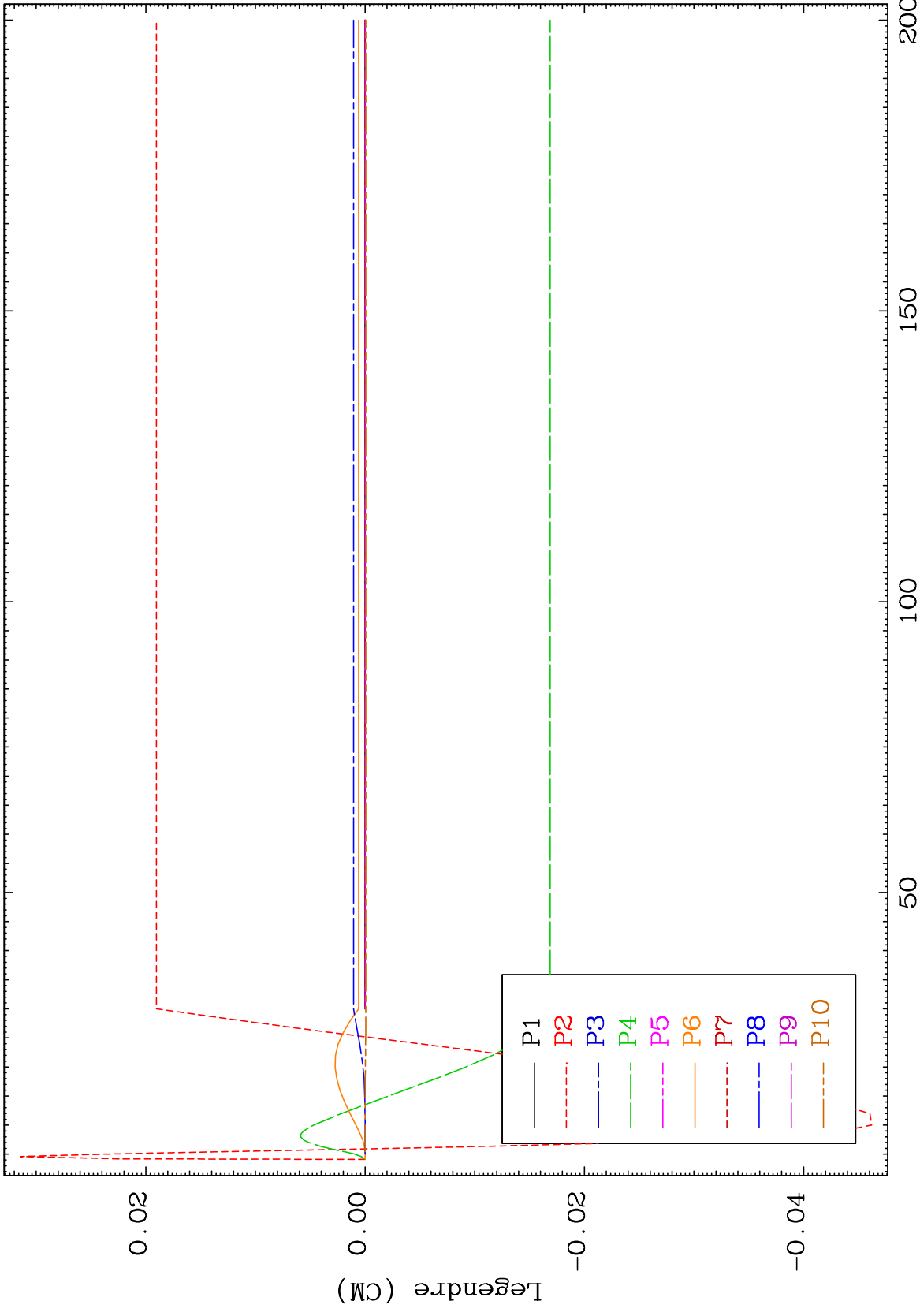
MAT 1128 MT= 75 (n,n') Level Legendre Coefficients 11-Na-24



MAT 1128

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

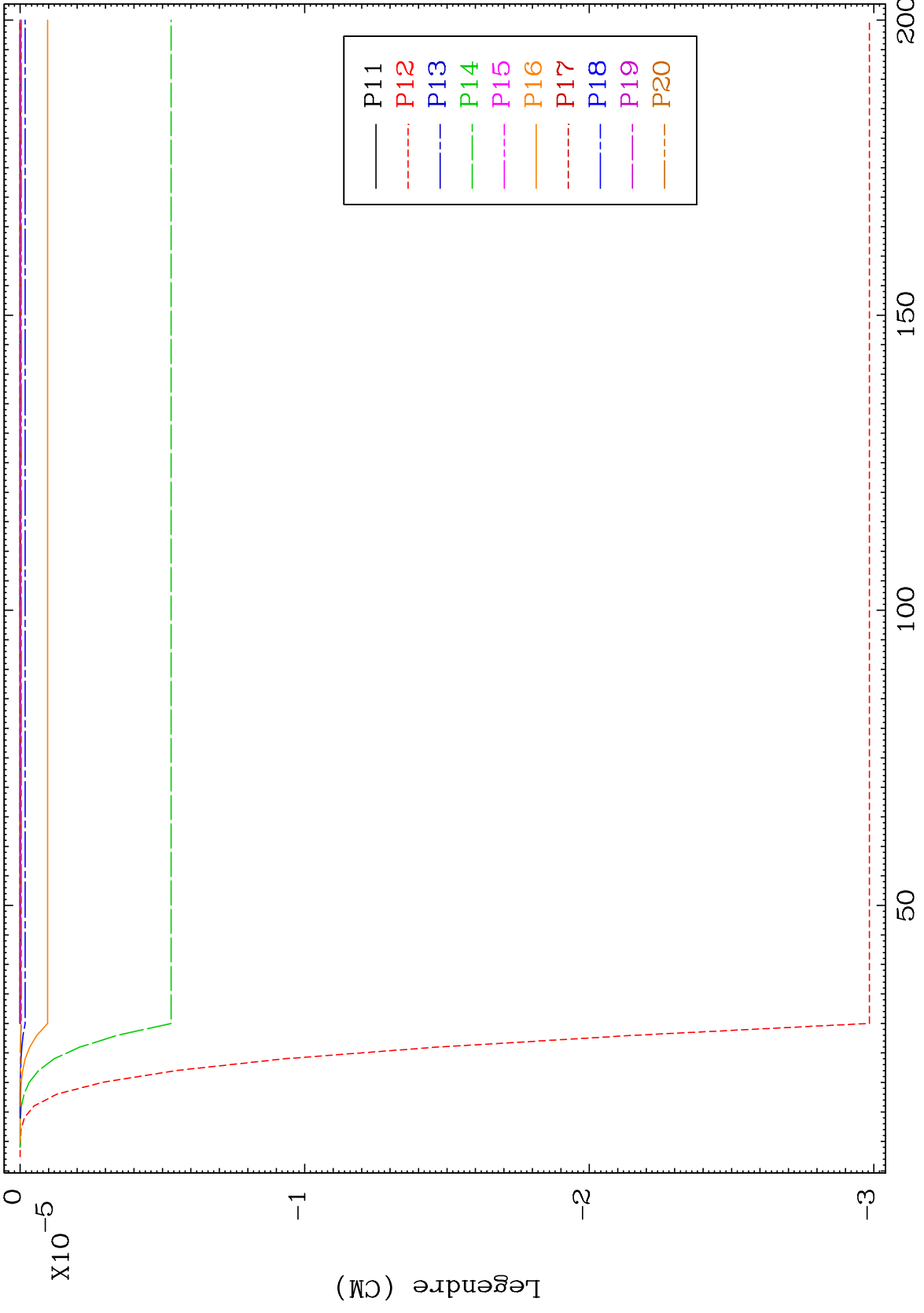
11-Na-24



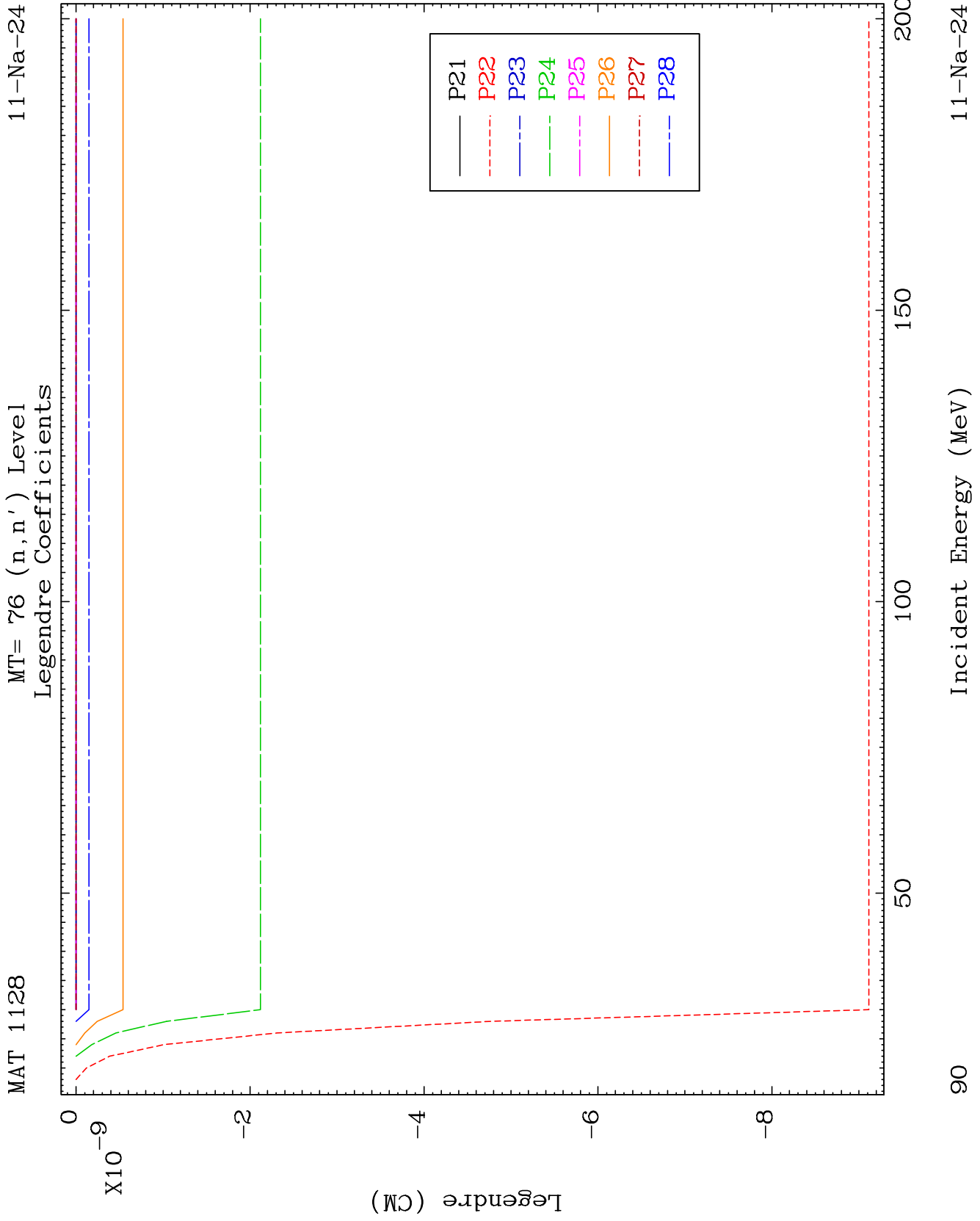
88

11-Na-24

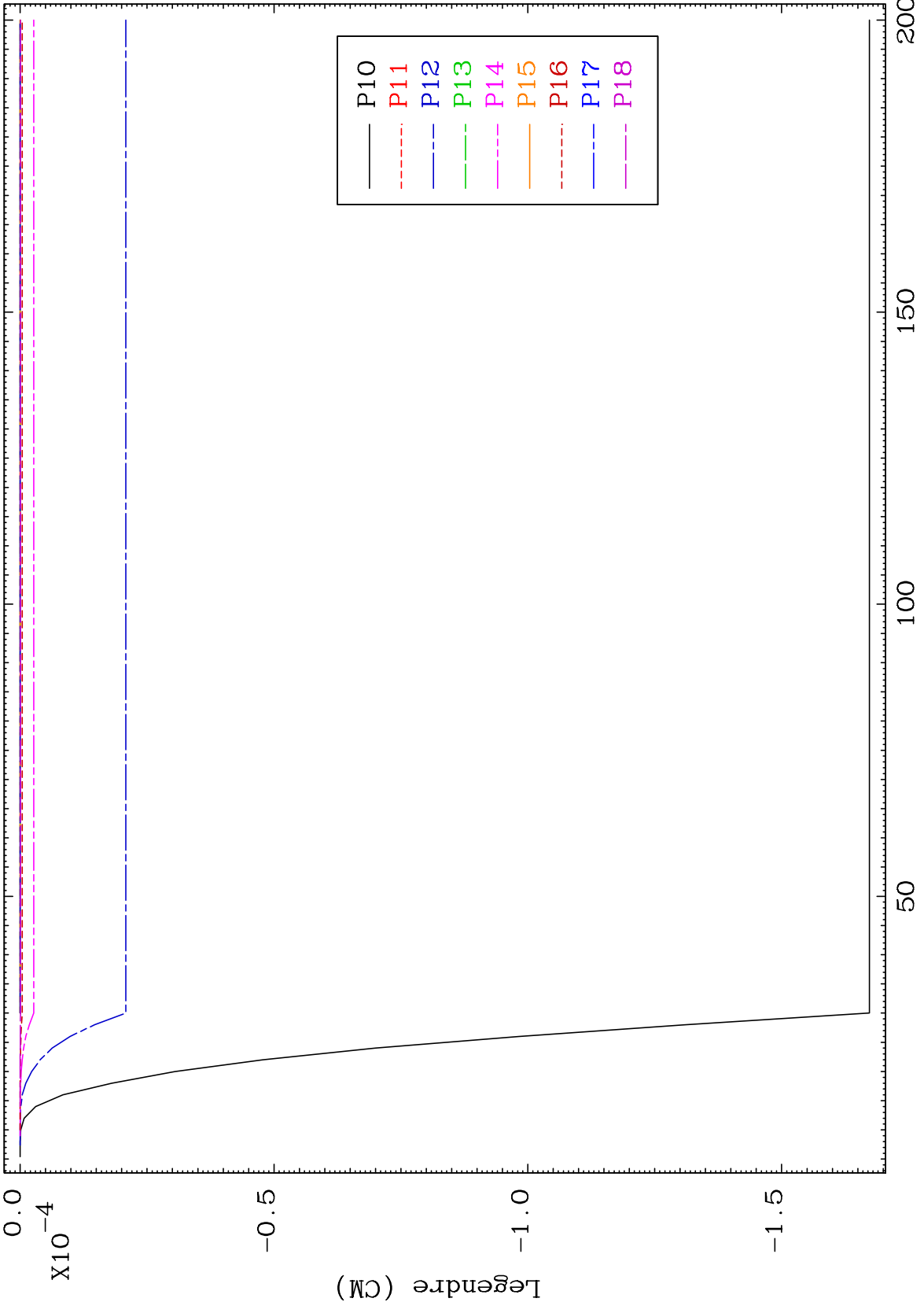
MAT 1128 MT= 76 (n,n') Level Legendre Coefficients 11-Na-24



89 11-Na-24

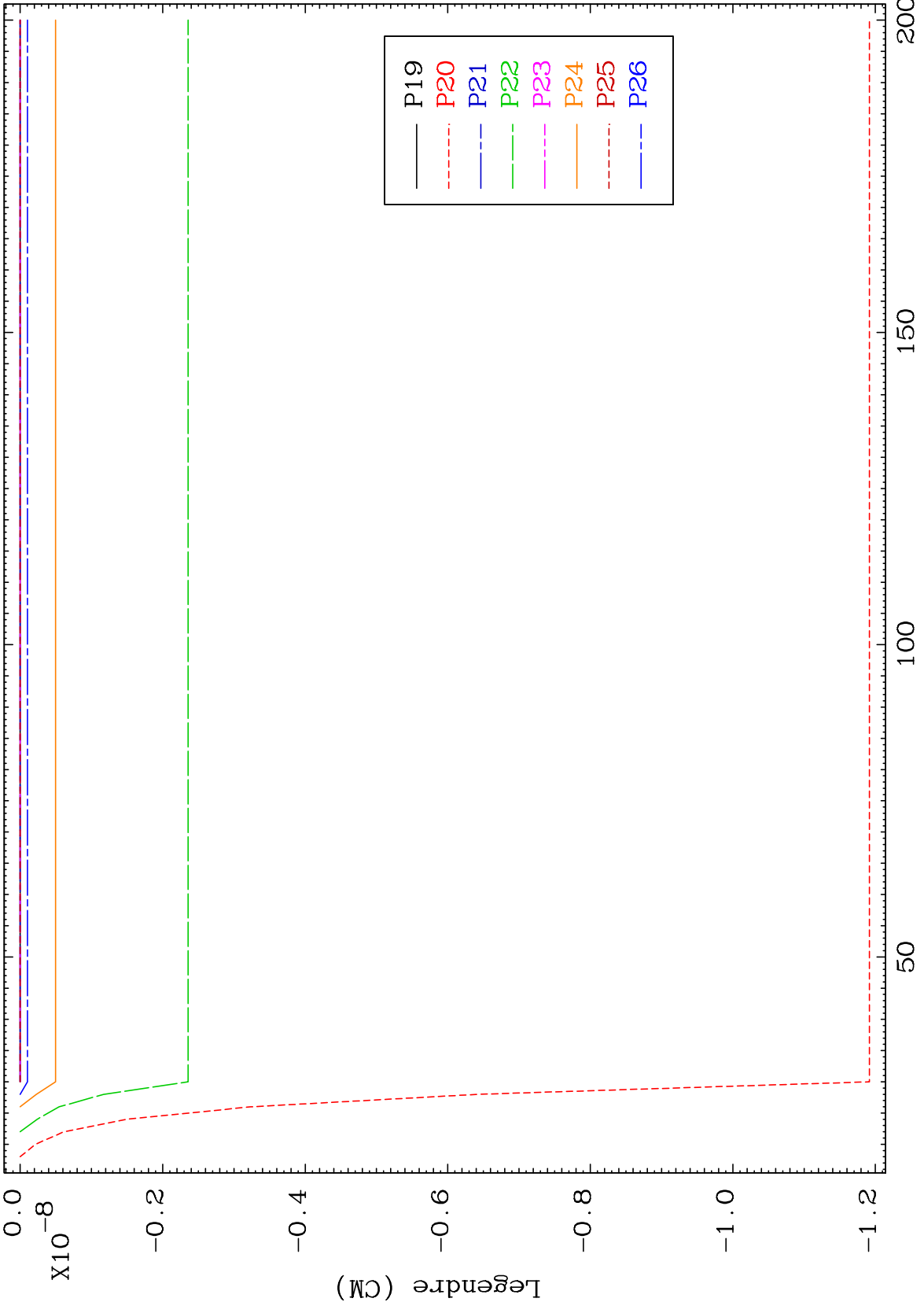


MAT 1128 MT= 77 (n,n') Level Legendre Coefficients 11-Na-24



92 11-Na-24

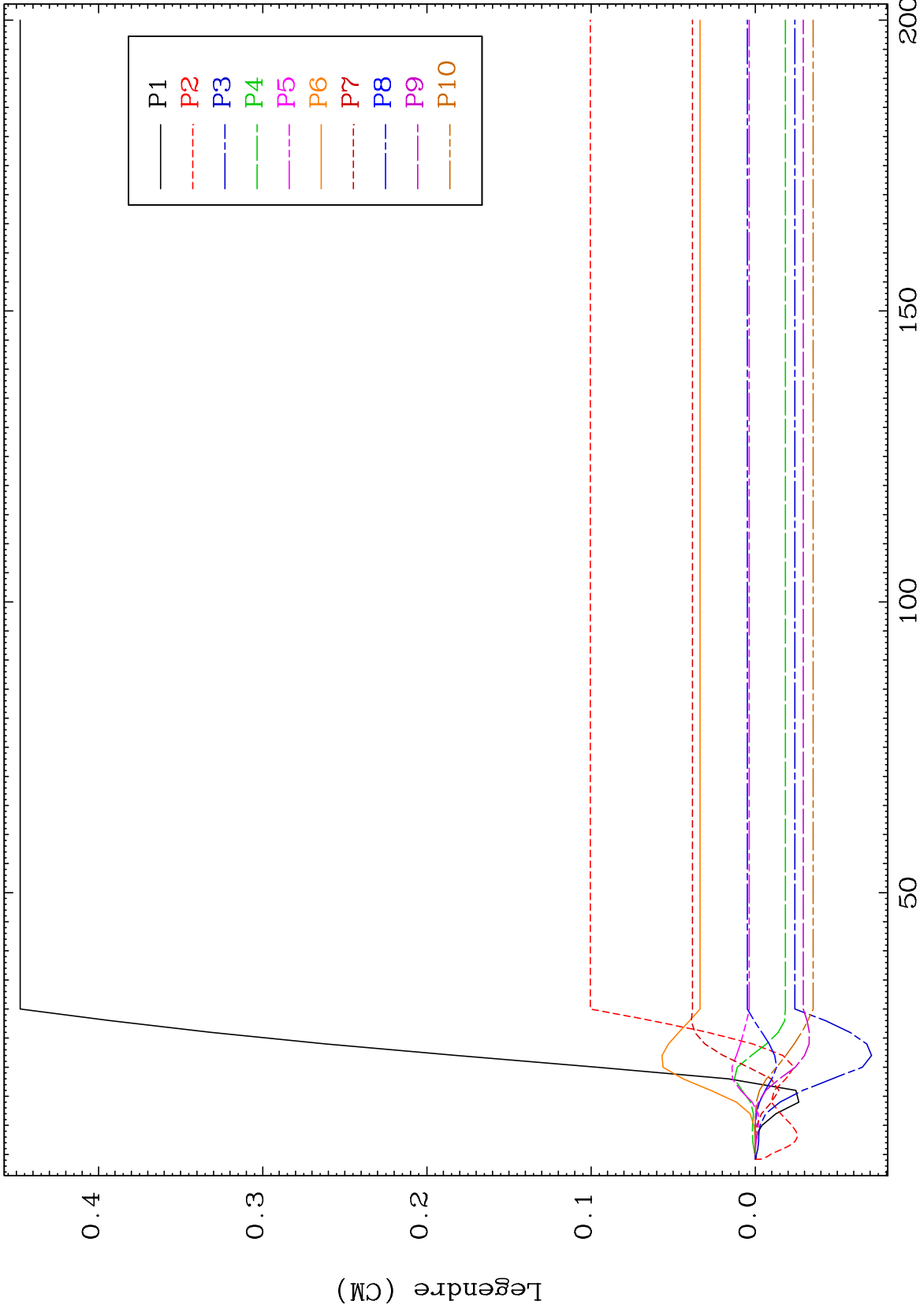
MAT 1128 MT= 77 (n,n') Level Legendre Coefficients 11-Na-24



MAT 1128

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

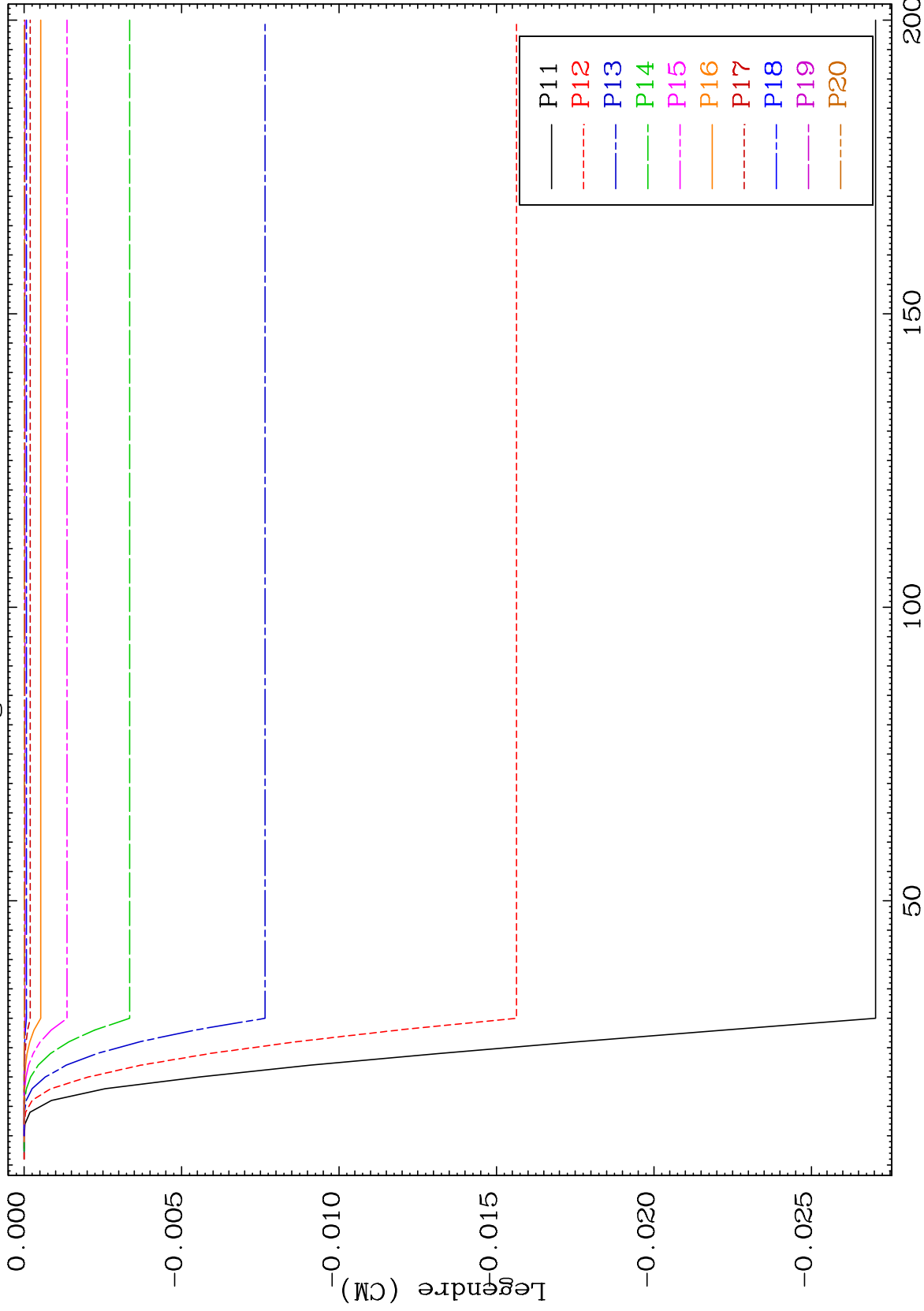
11-Na-24



94

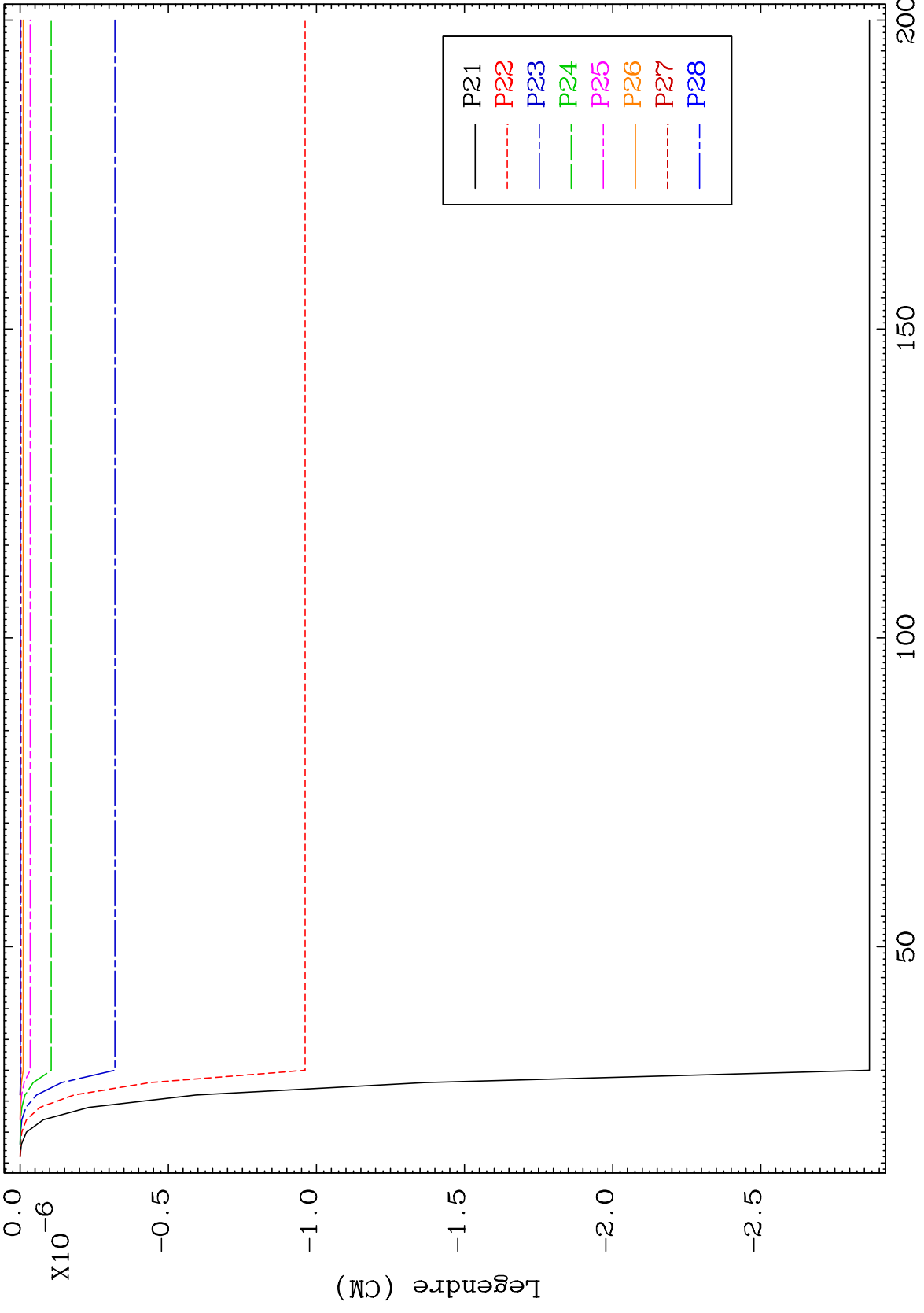
11-Na-24

MAT 1128 MT= 78 (n,n') Level Legendre Coefficients 11-Na-24



95 11-Na-24

MAT 1128 MT= 78 (n,n') Level Legendre Coefficients 11-Na-24

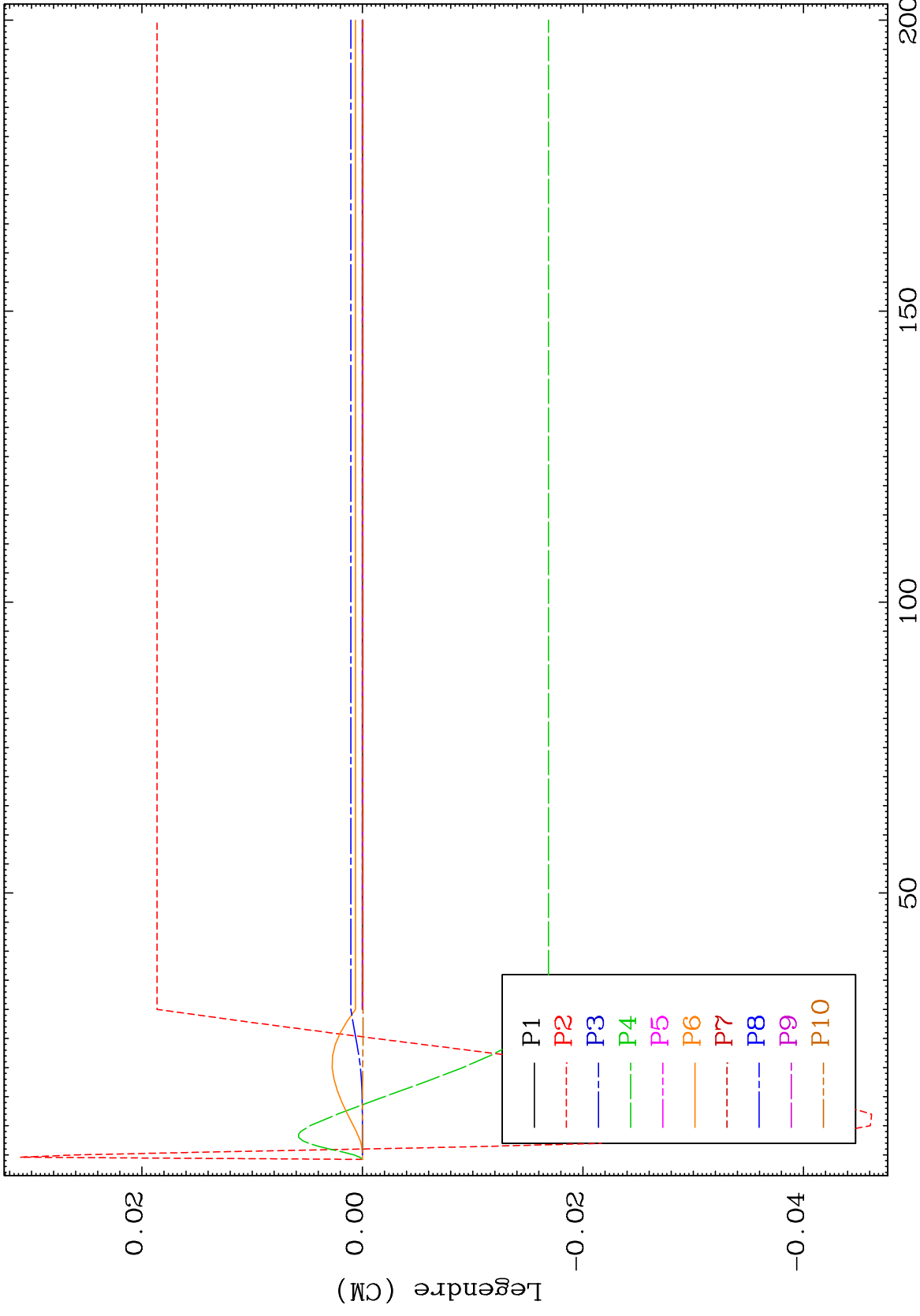


96 Incident Energy (MeV) 11-Na-24

MAT 1128

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

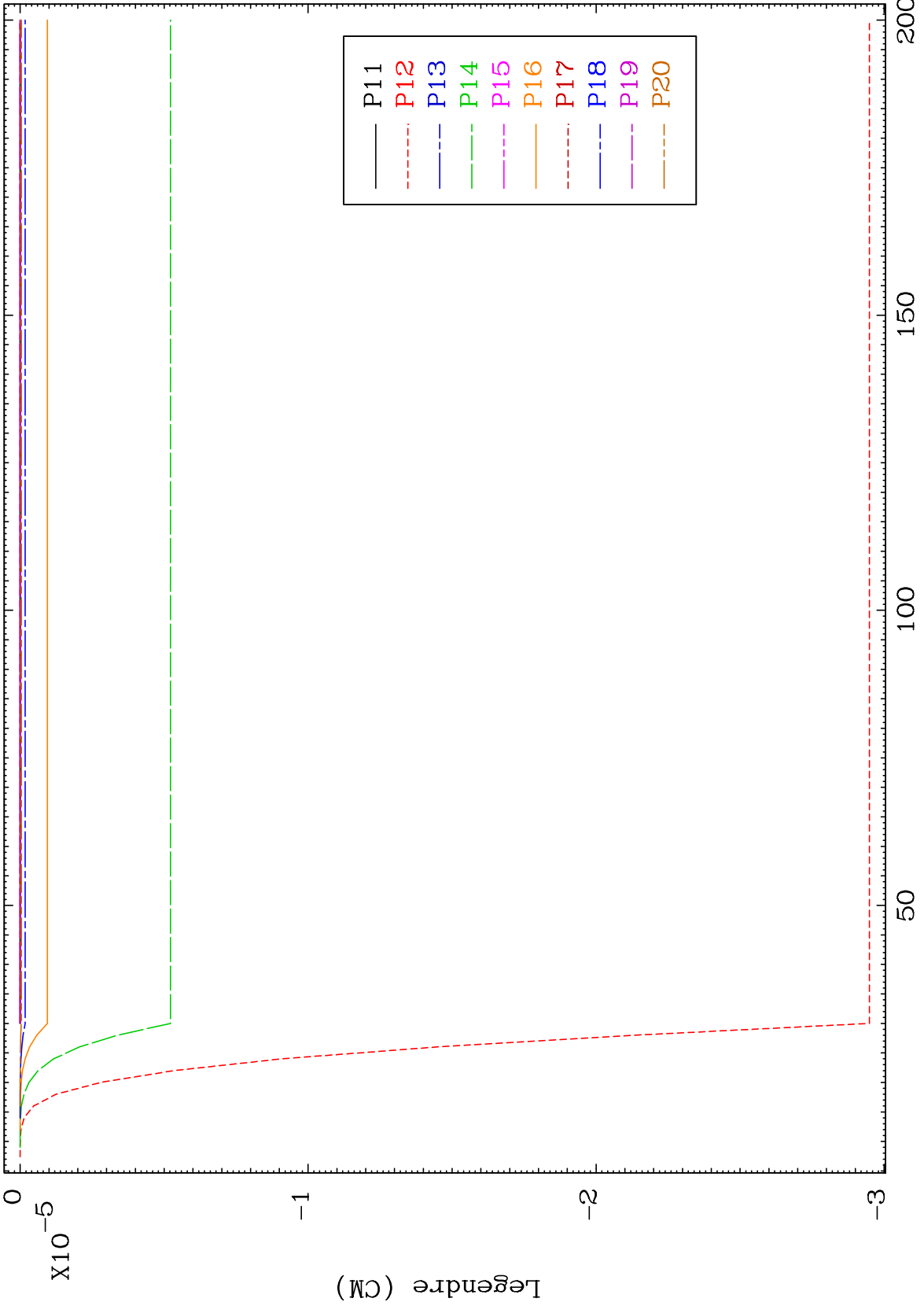
11-Na-24

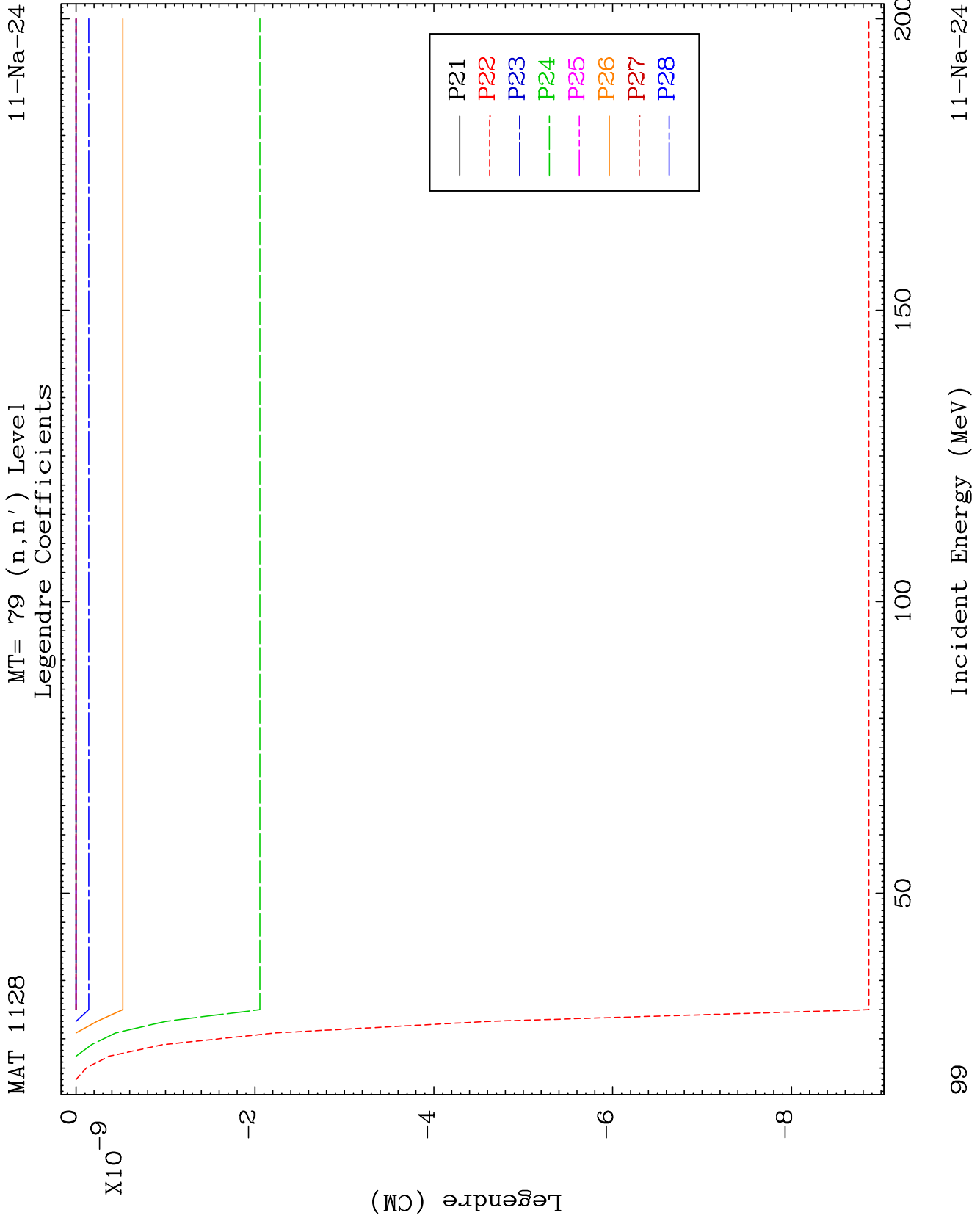


97

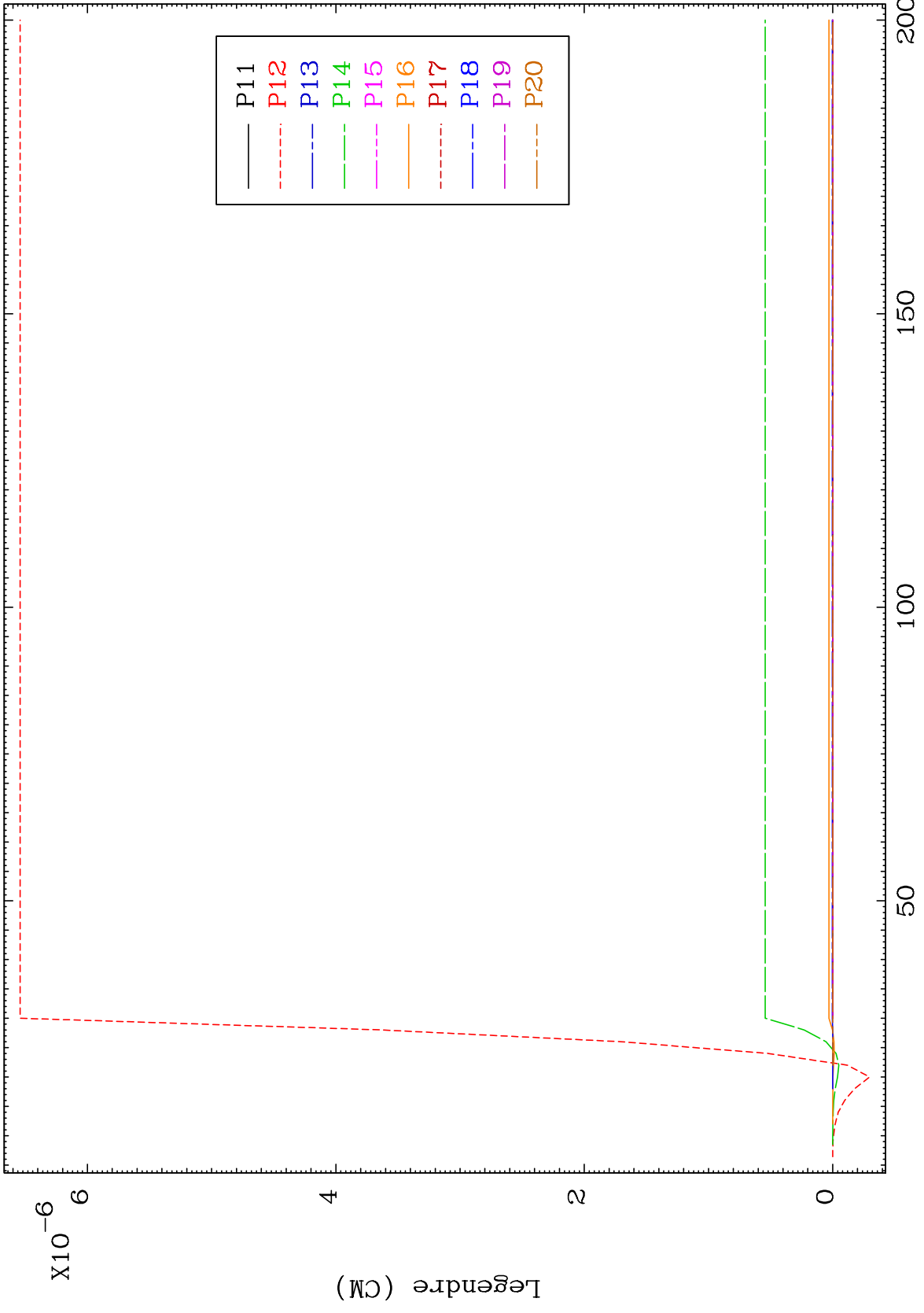
11-Na-24

MAT 1128 MT= 79 (n,n') Level Legendre Coefficients 11-Na-24





MAT 1128 MT= 80 (n,n') Level Legendre Coefficients 11-Na-24



101 50 100 150 200 11-Na-24