

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

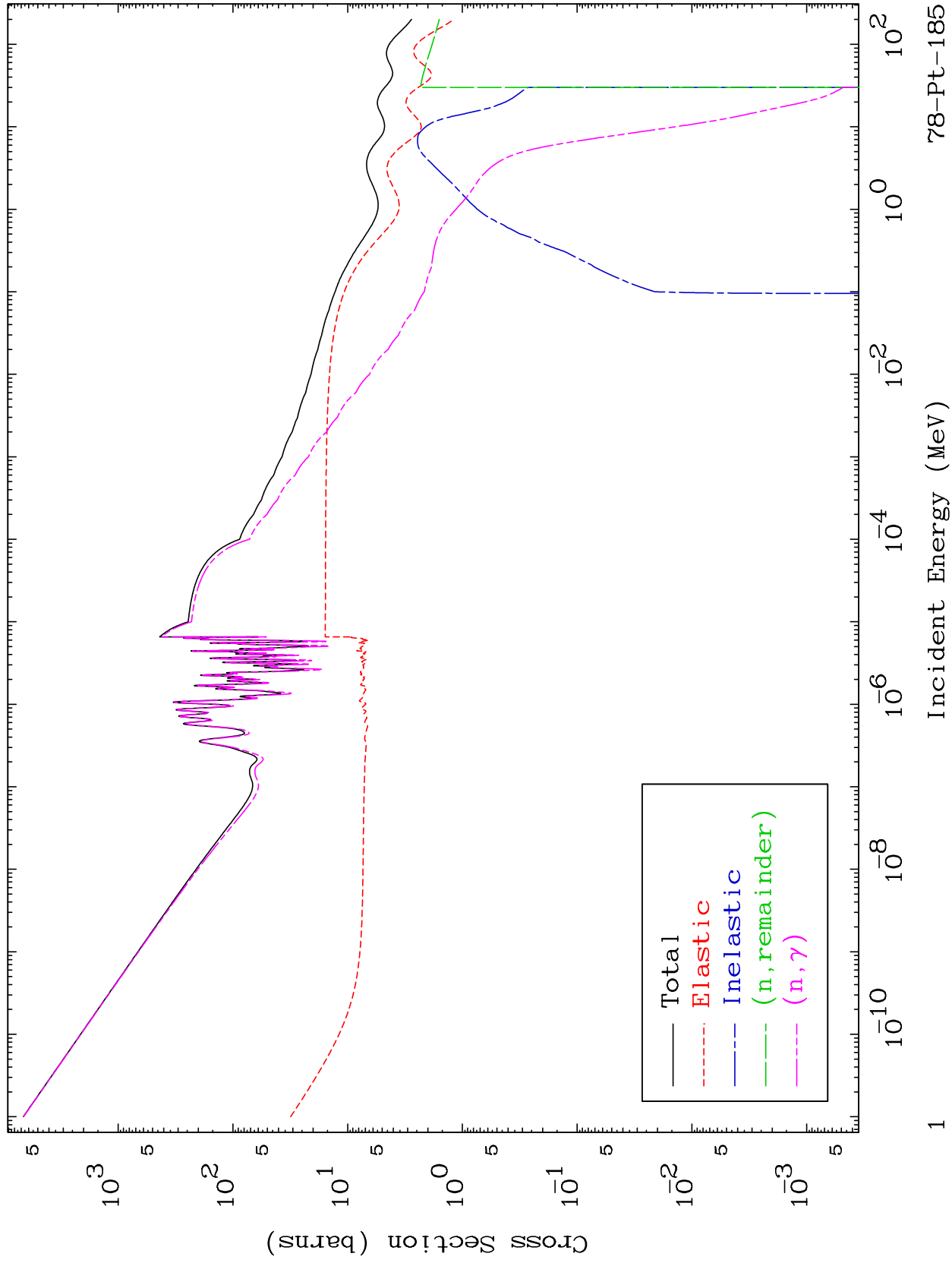
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7810

Major
293 Kelvin Cross Sections

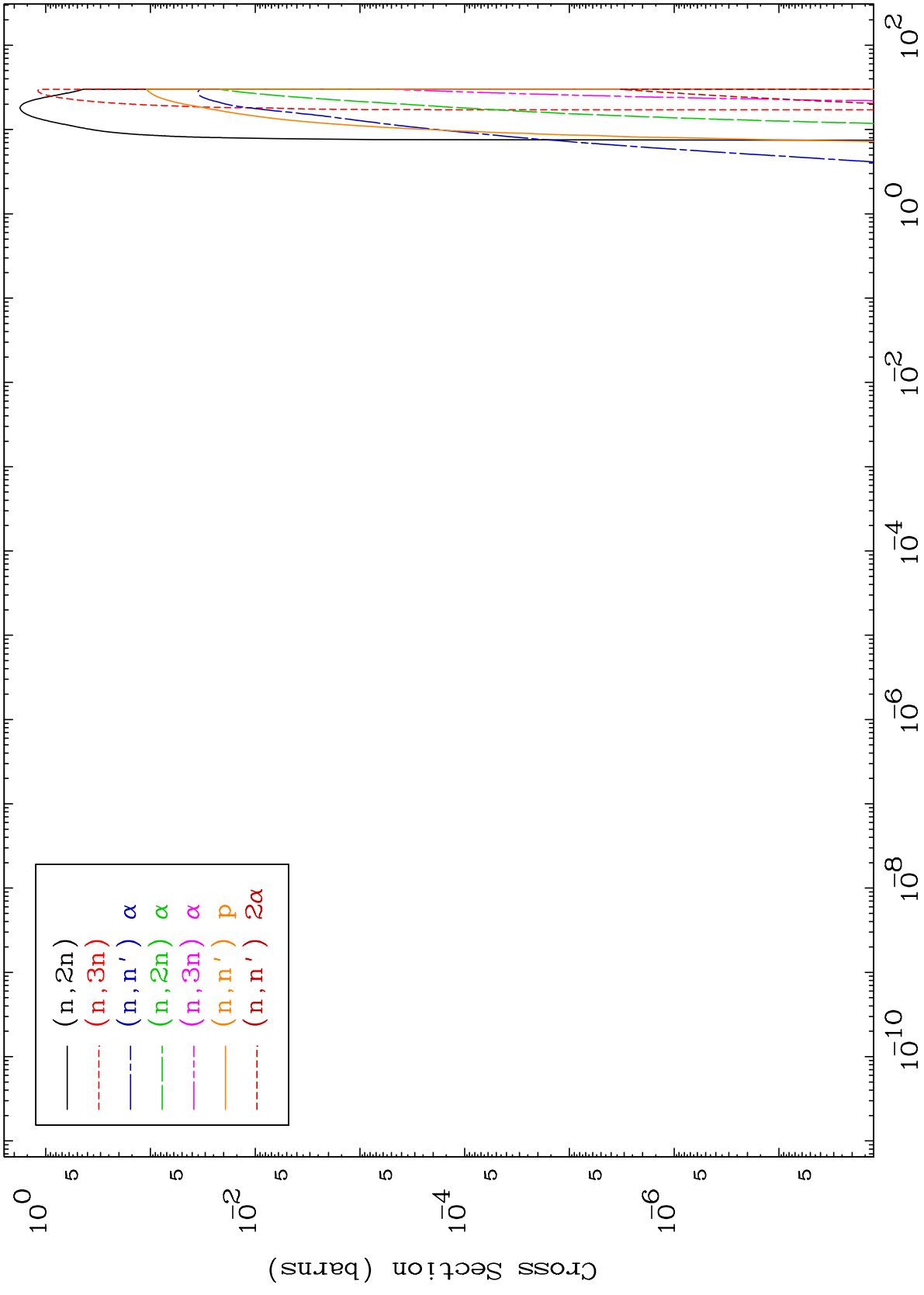
78-Pt-185



MAT 7810

Neutron Production
293 Kelvin Cross Sections

78-Pt-185

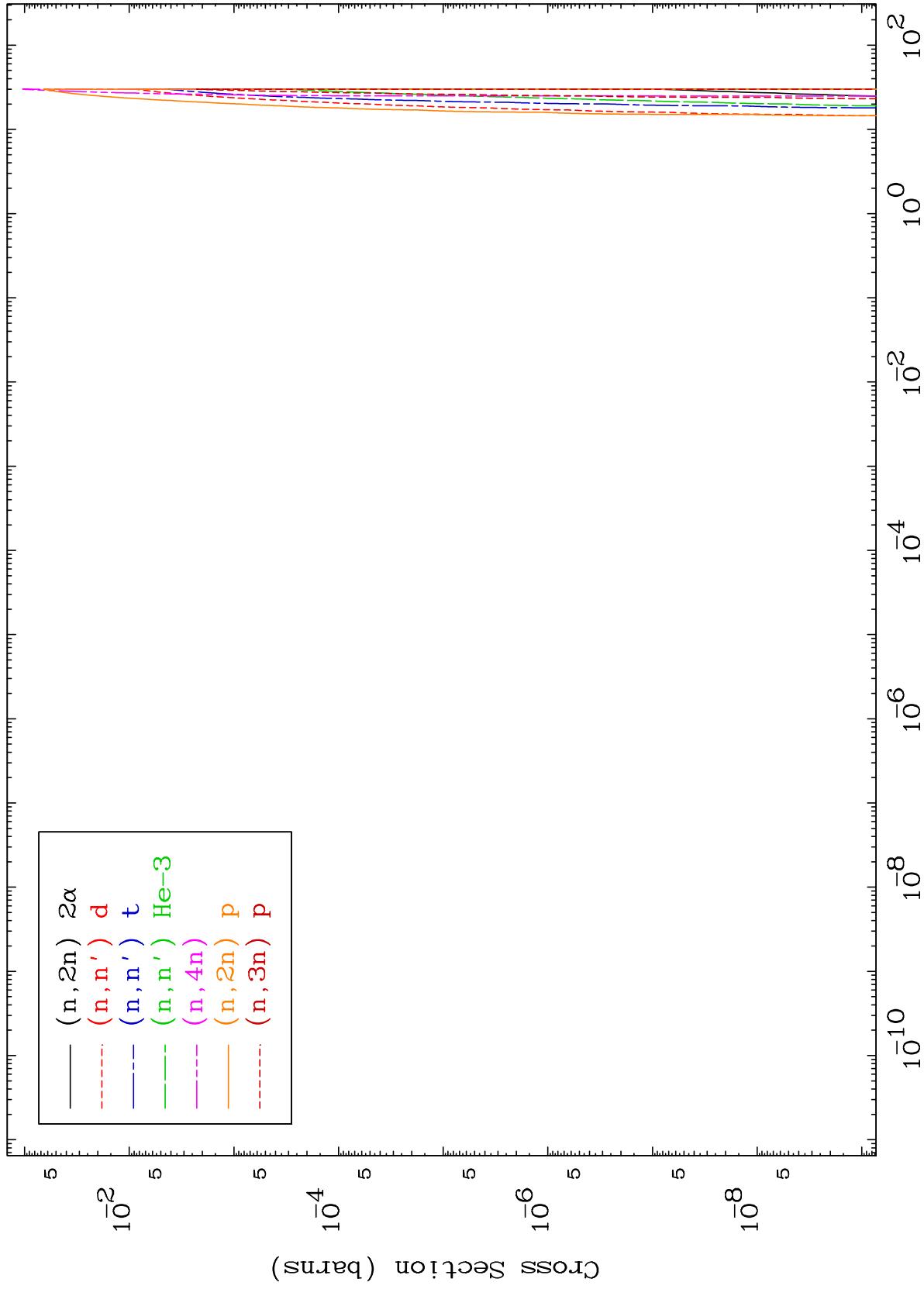


78-Pt-185

MAT 7810

Neutron Production
293 Kelvin Cross Sections

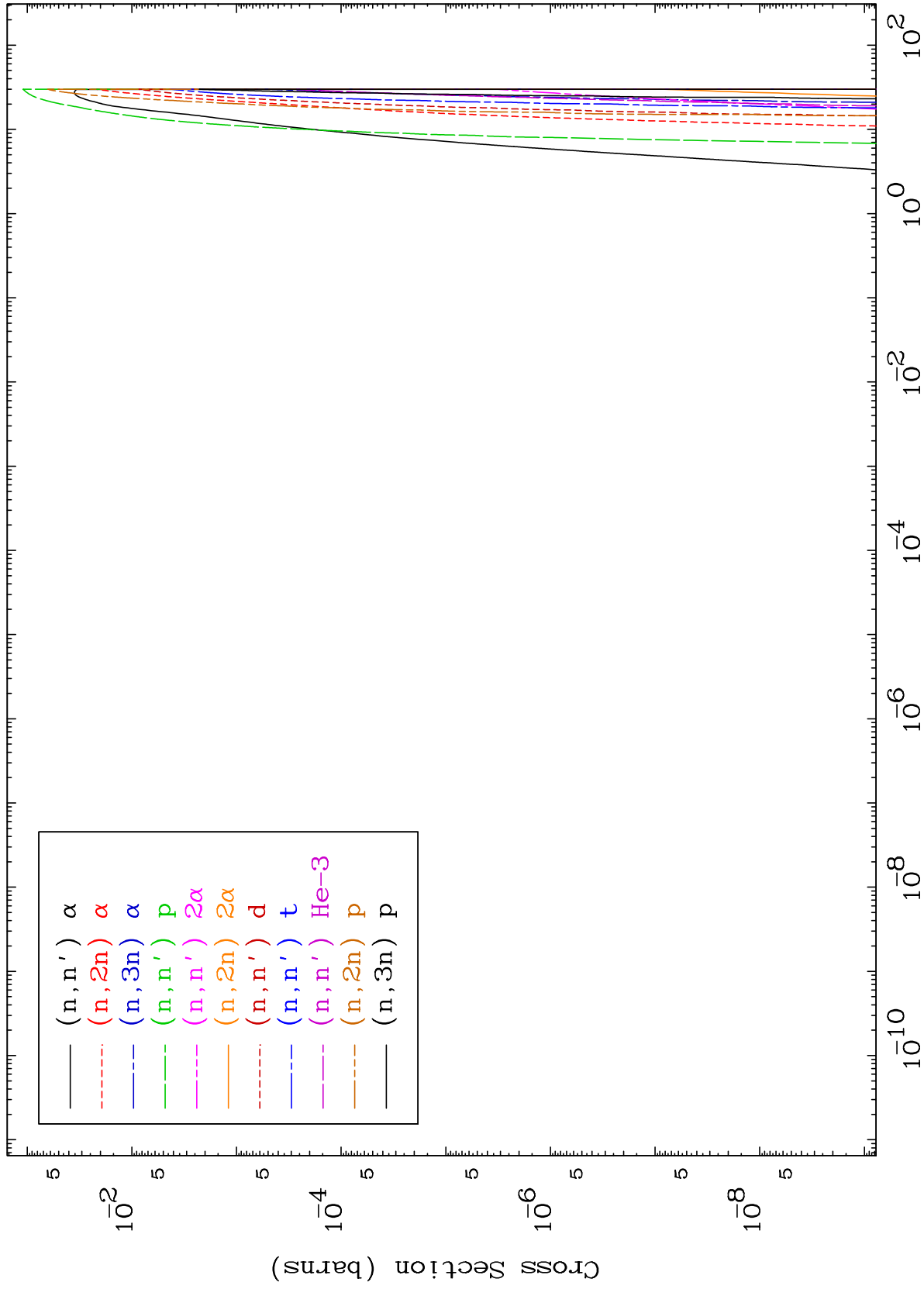
78-Pt-185



MAT 7810

Charged Particle
293 Kelvin Cross Sections

78-Pt-185

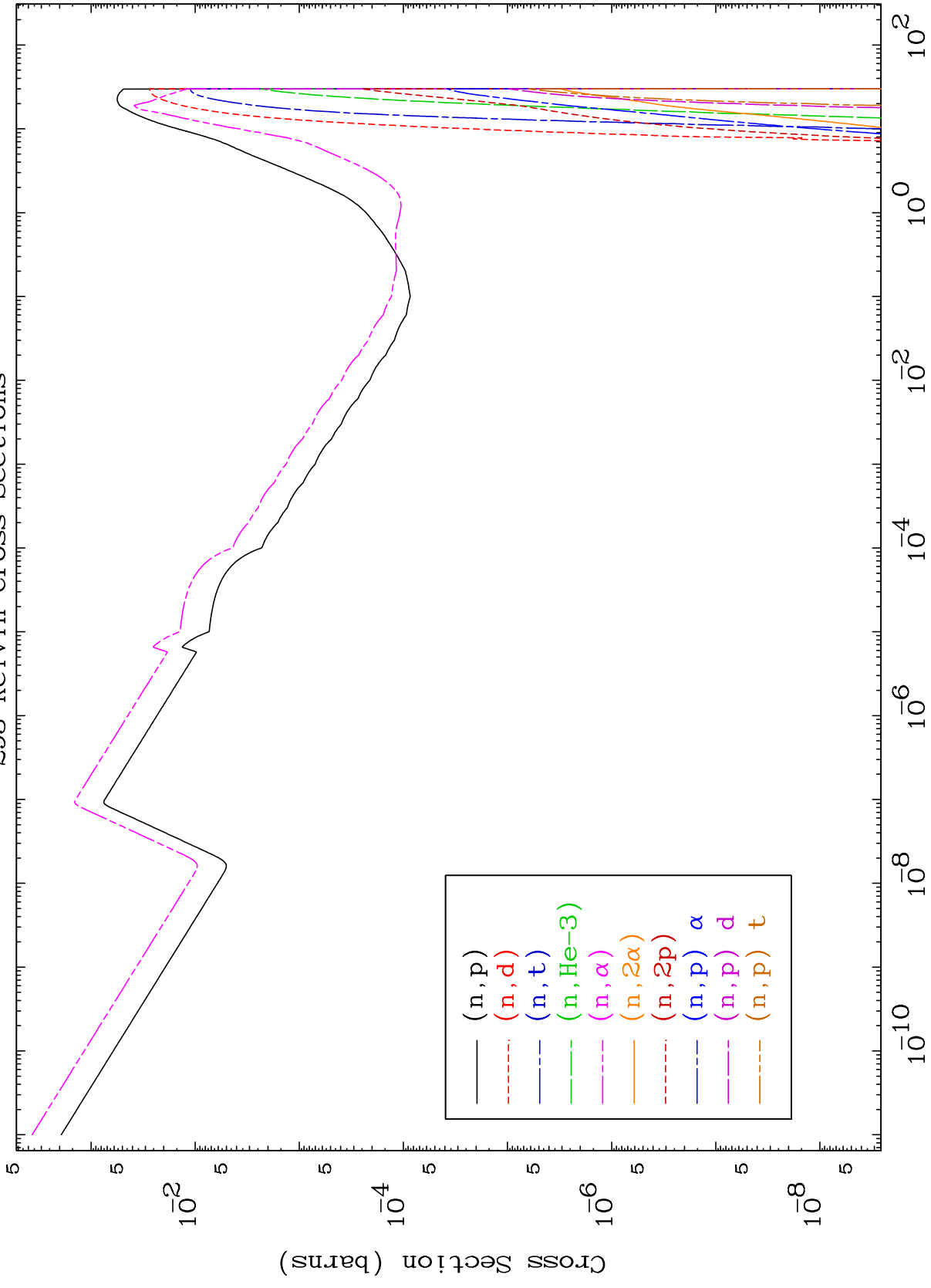


78-Pt-185

MAT 7810

293 Kelvin Cross Sections

78-Pt-185



5

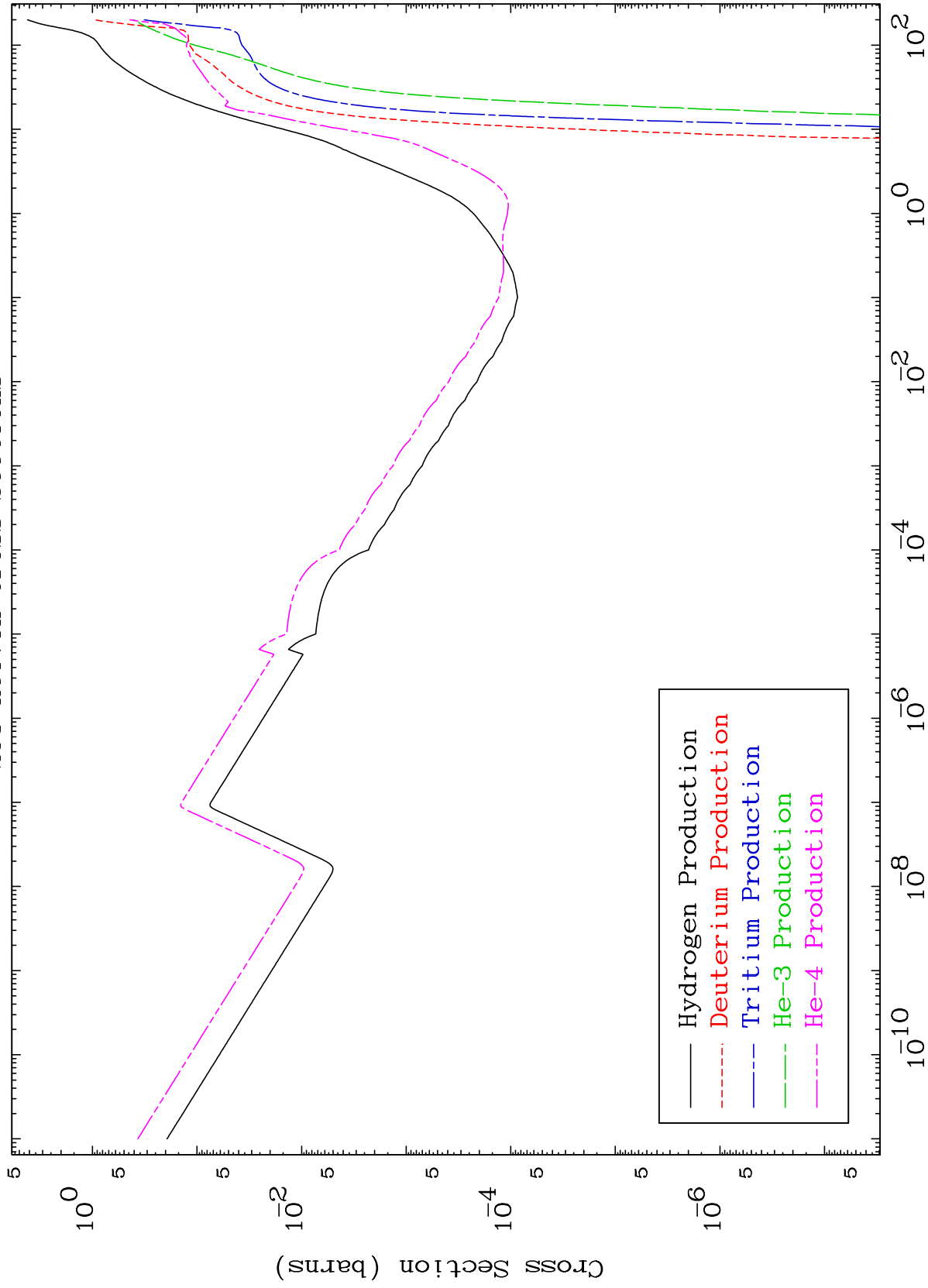
Incident Energy (MeV)

78-Pt-185

MAT 7810

Particle Production
293 Kelvin Cross Sections

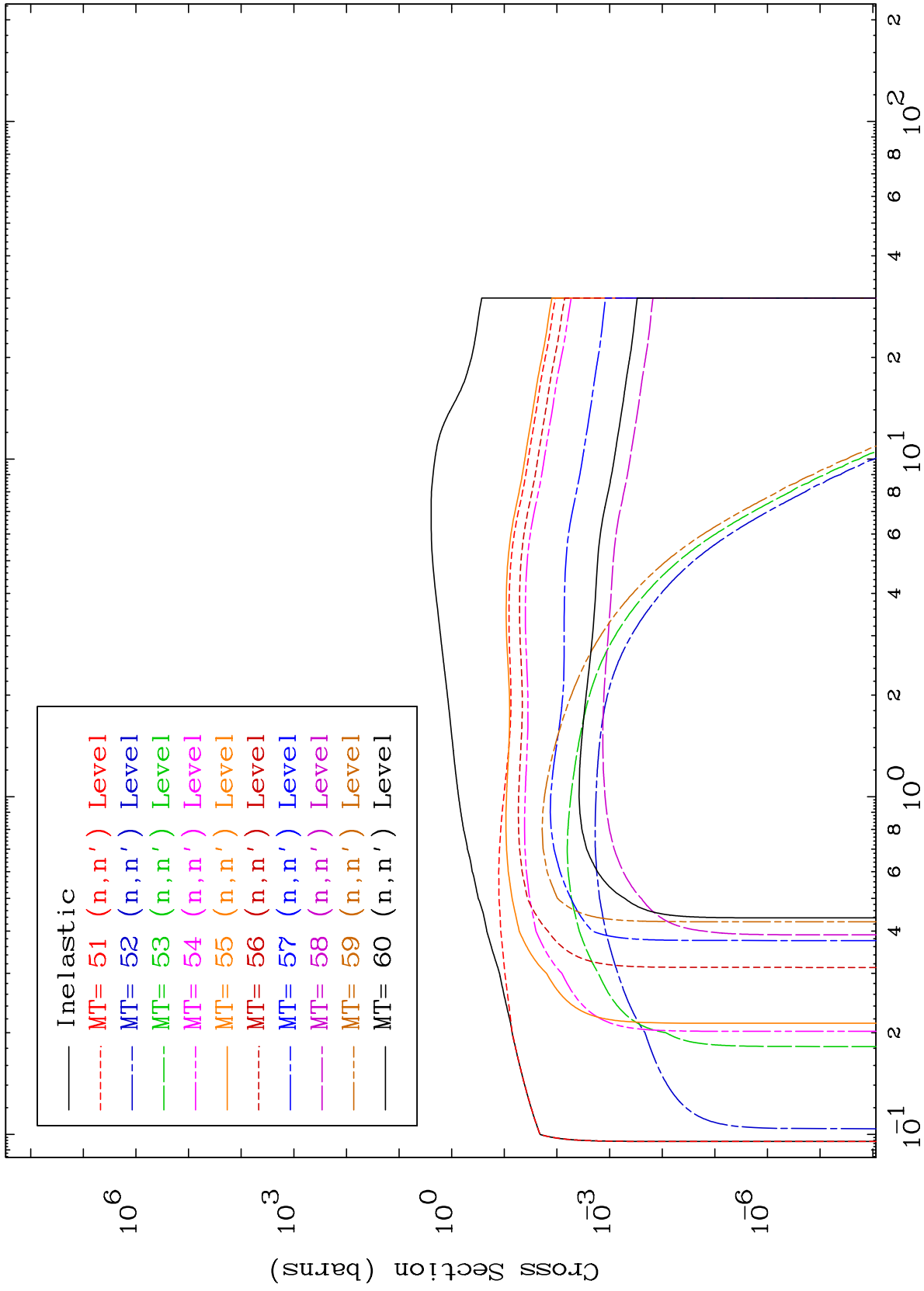
78-Pt-185



MAT 7810

(n,n') Level
293 Kelvin Cross Sections

78-Pt-185



7

Incident Energy (MeV)

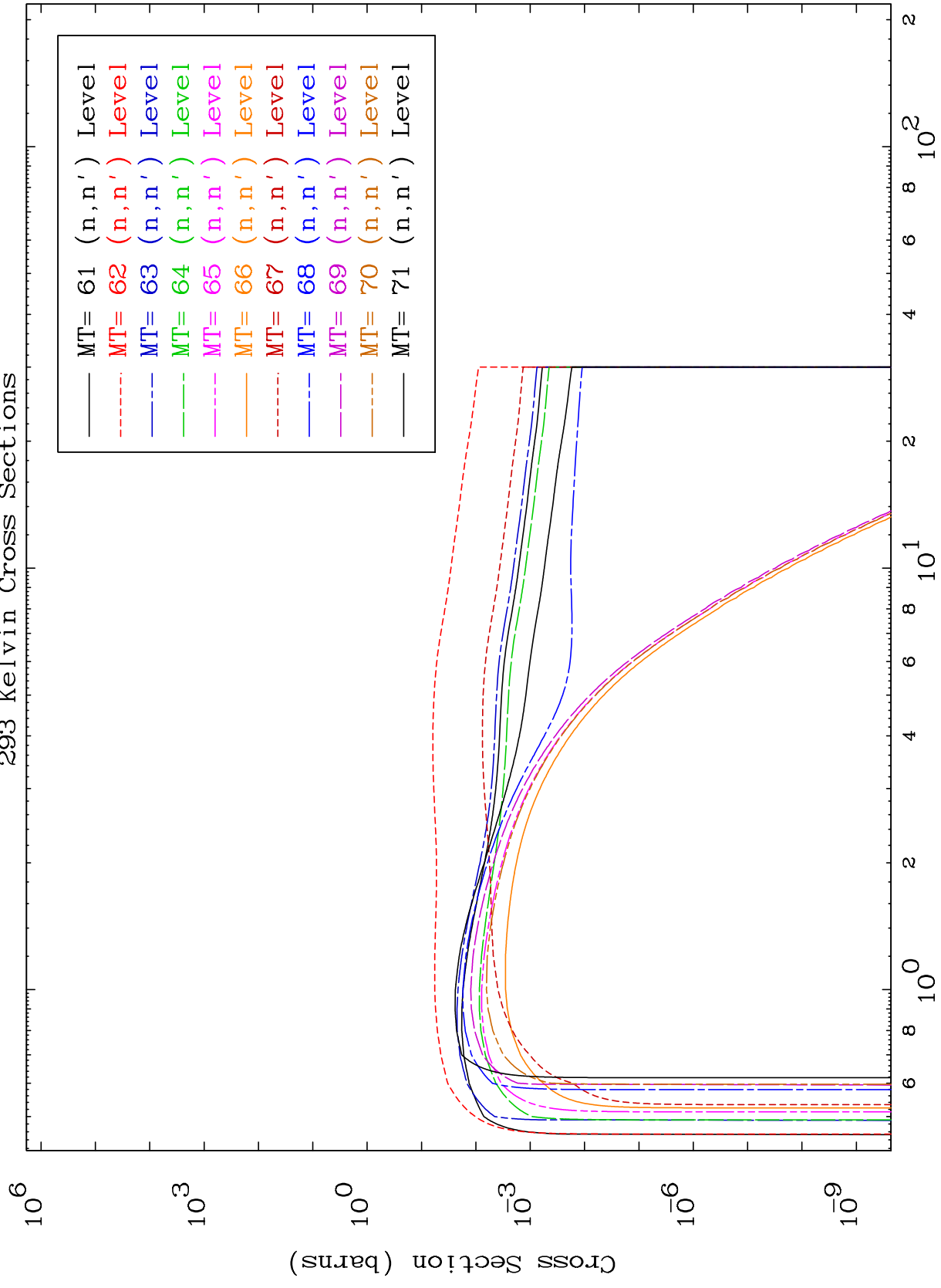
78-Pt-185

MAT 7810

(n,n') Level

78-Pt-185

293 Kelvin Cross Sections



8

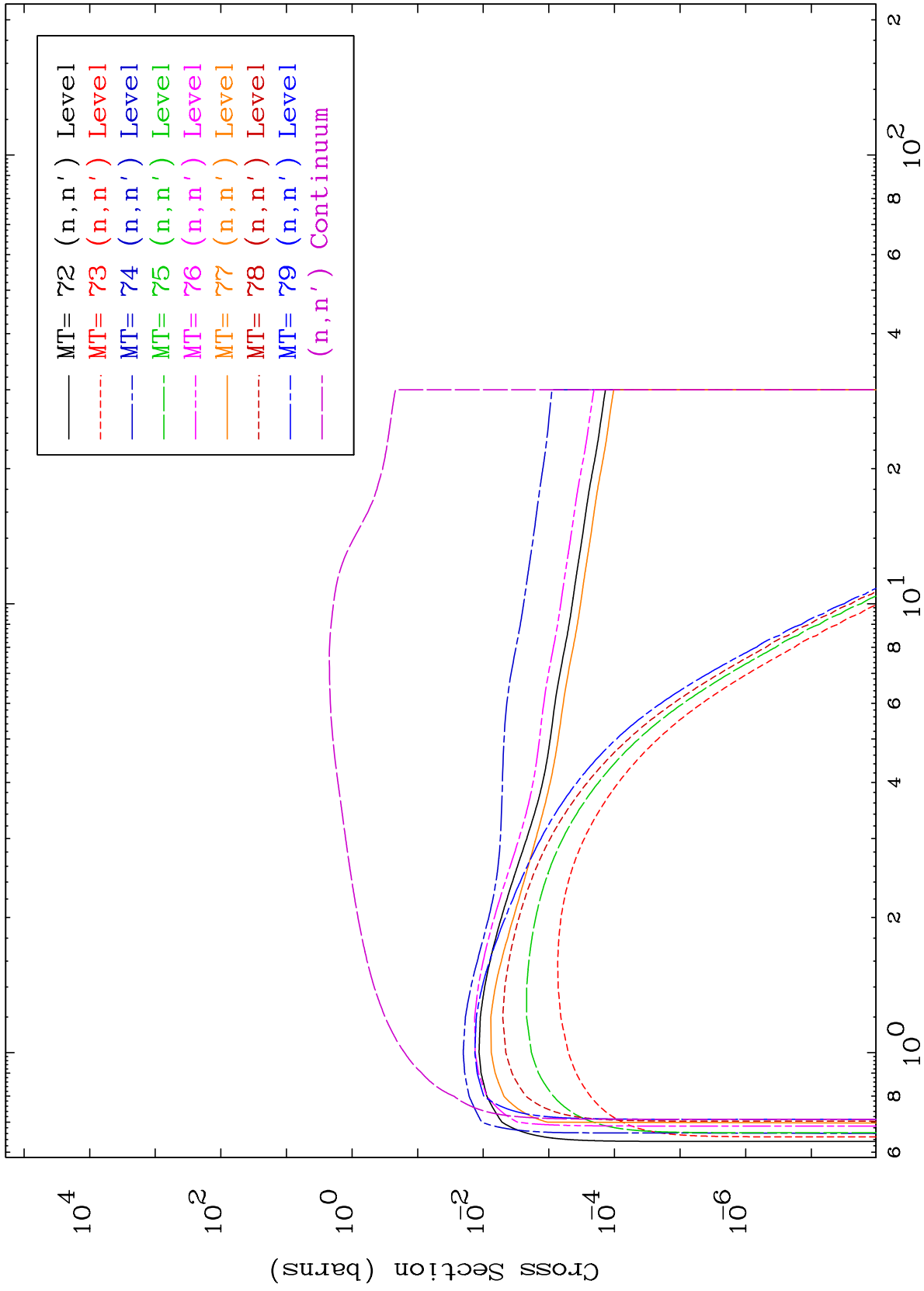
Incident Energy (MeV)

78-Pt-185

MAT 7810

(n,n') Level
293 Kelvin Cross Sections

78-Pt-185



9

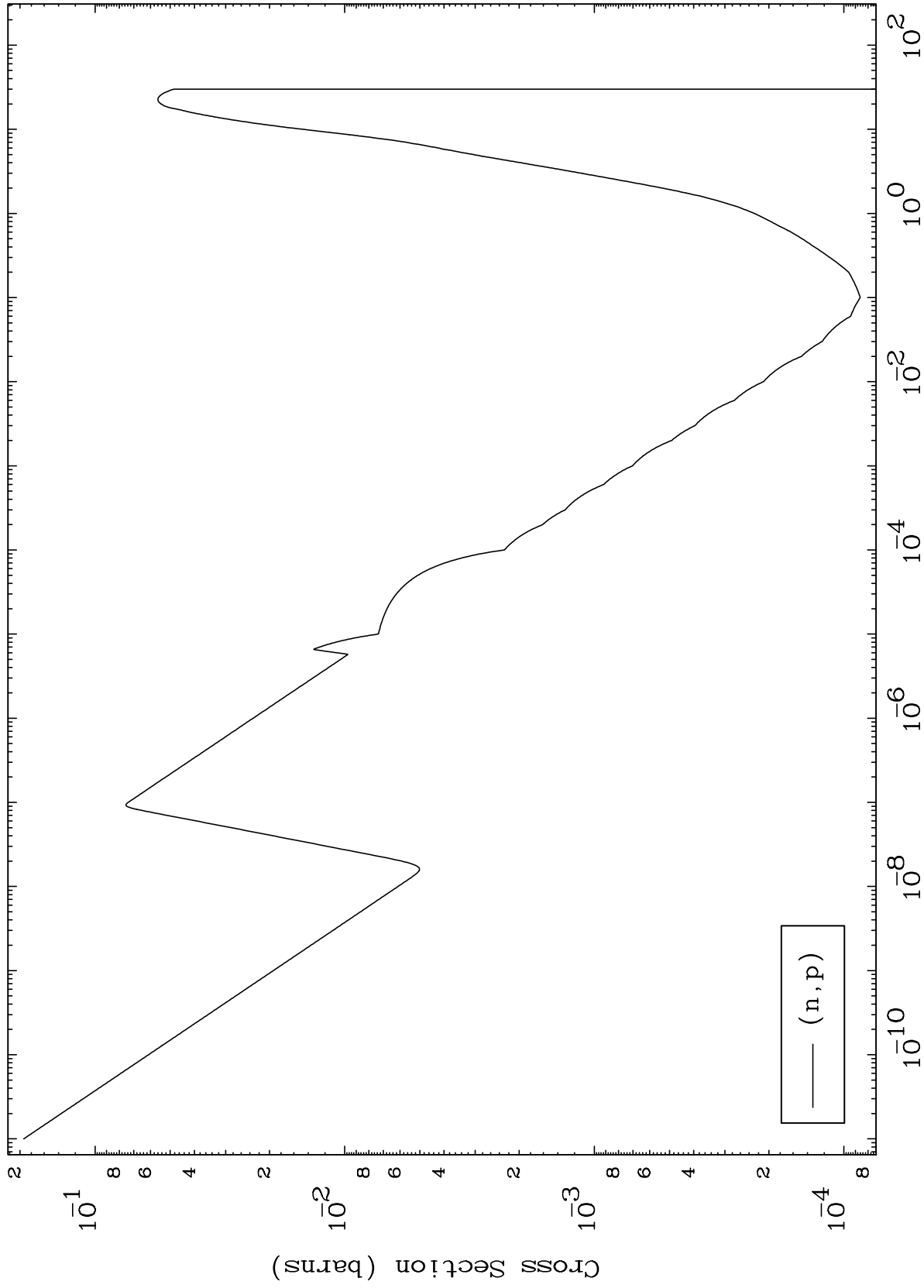
Incident Energy (MeV)

78-Pt-185

MAT 7810

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-185



10

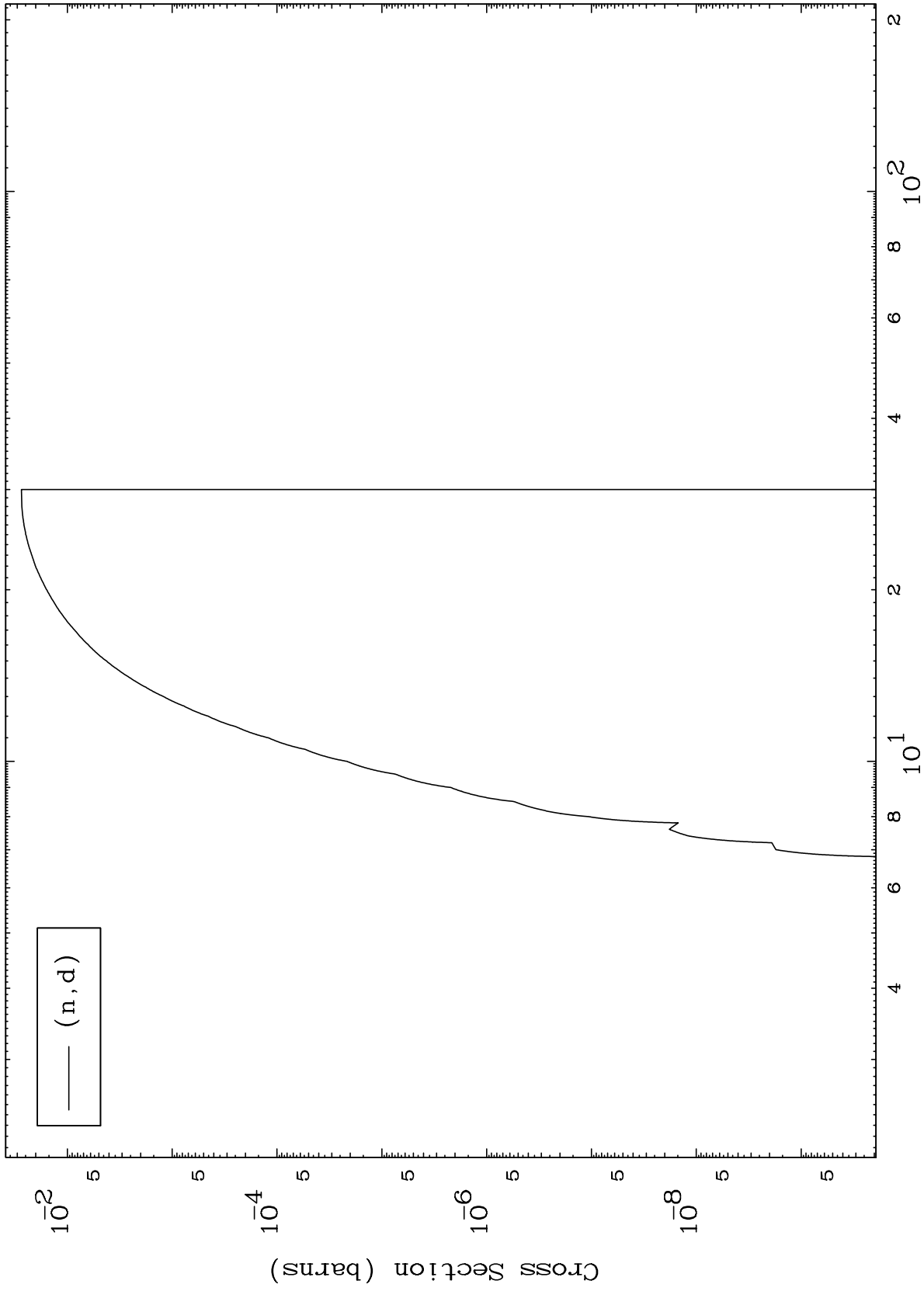
Incident Energy (MeV)

78-Pt-185

MAT 7810

(n,d) Levels
293 Kelvin Cross Sections

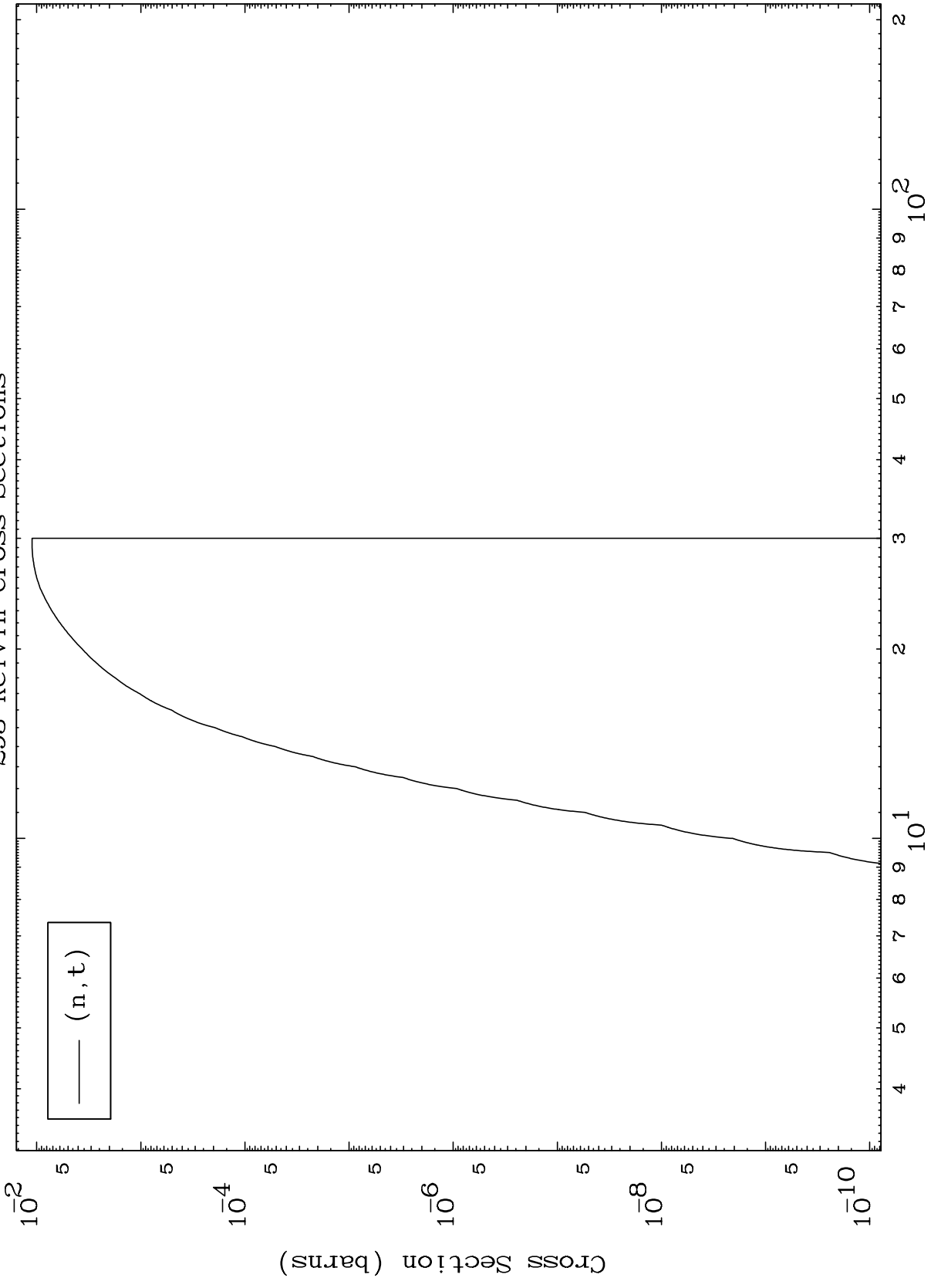
78-Pt-185



MAT 7810

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-185



12

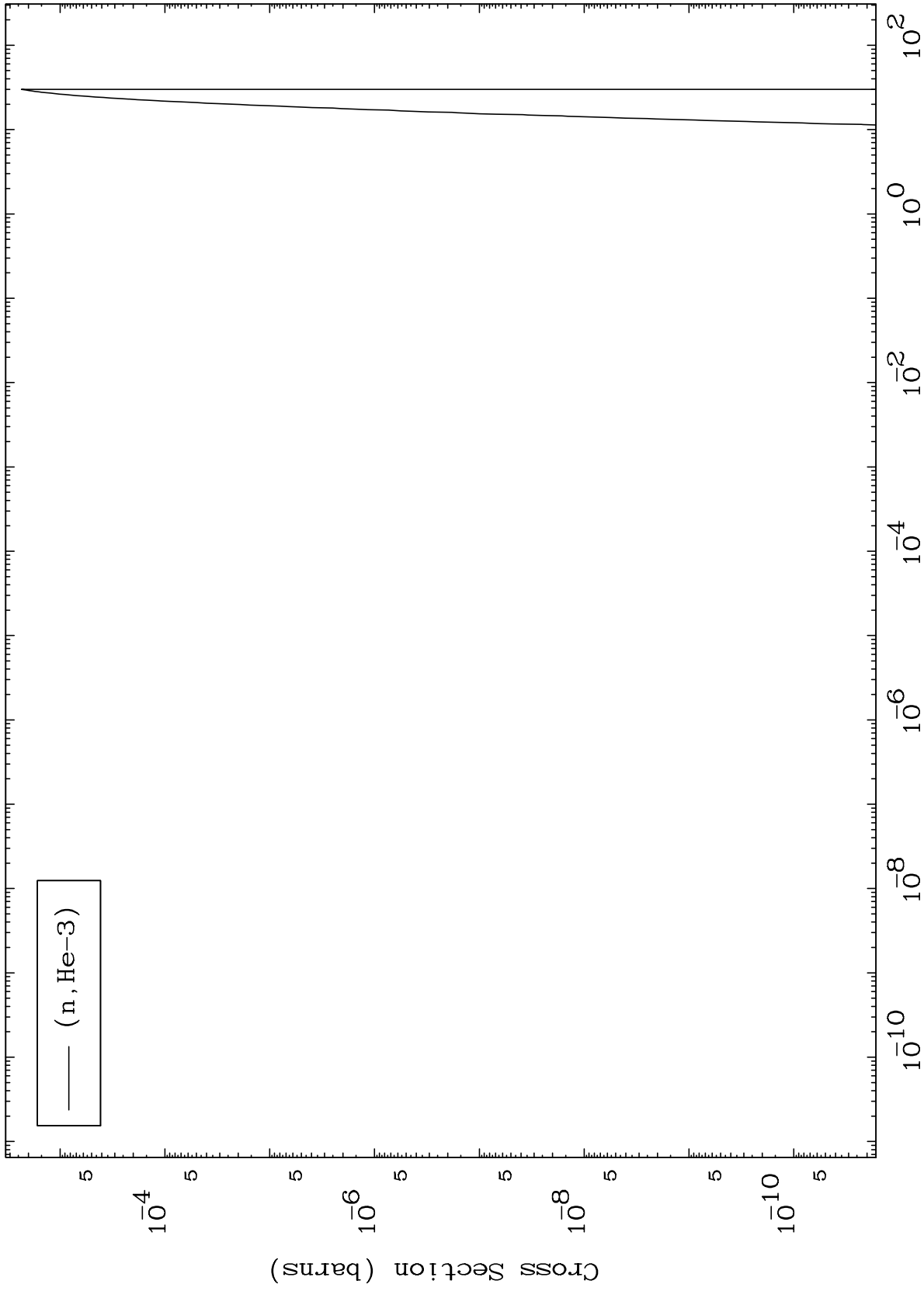
Incident Energy (MeV)

78-Pt-185

MAT 7810

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-185



13

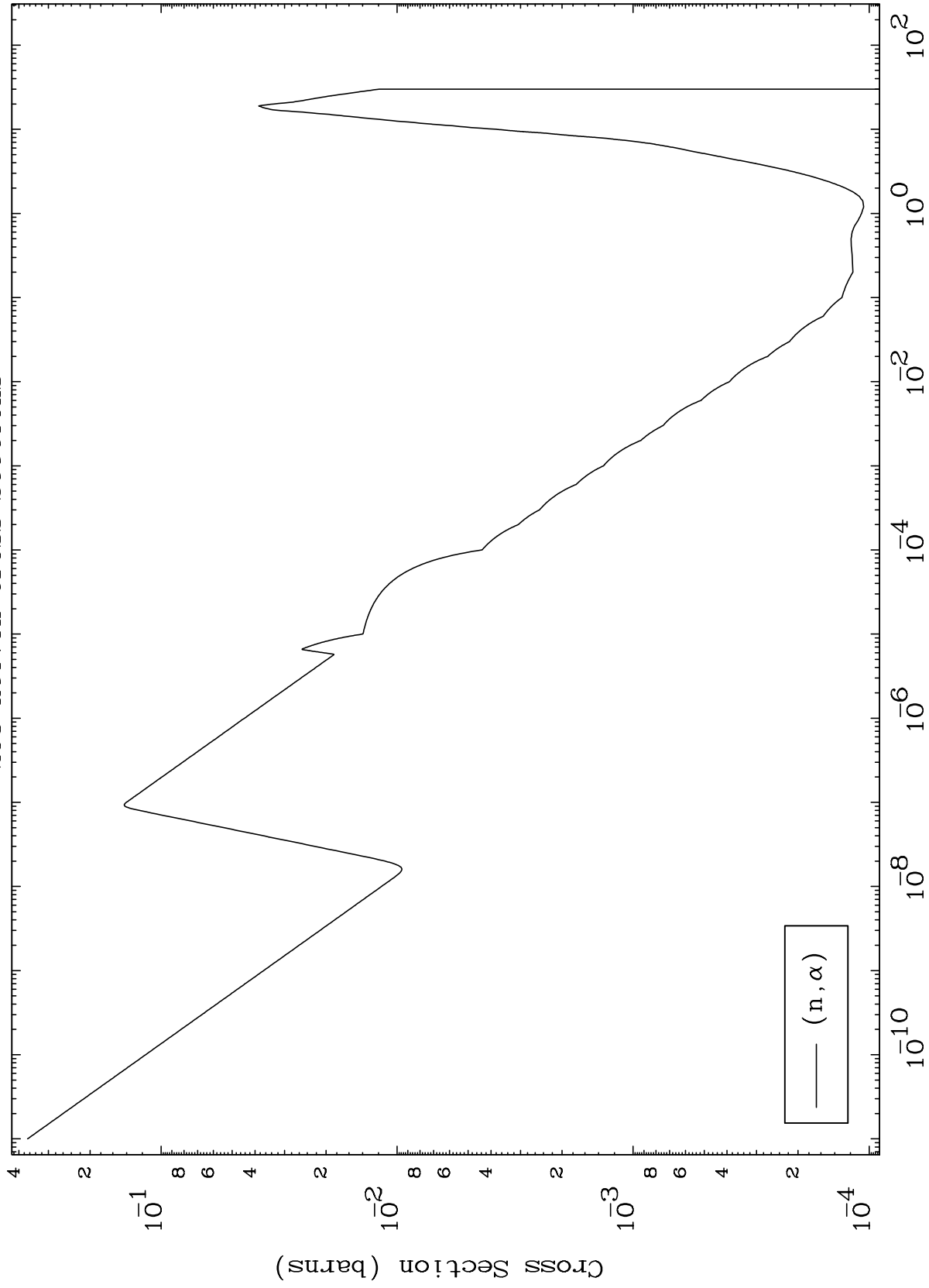
Incident Energy (MeV)

78-Pt-185

MAT 7810

(n,α) Levels
293 Kelvin Cross Sections

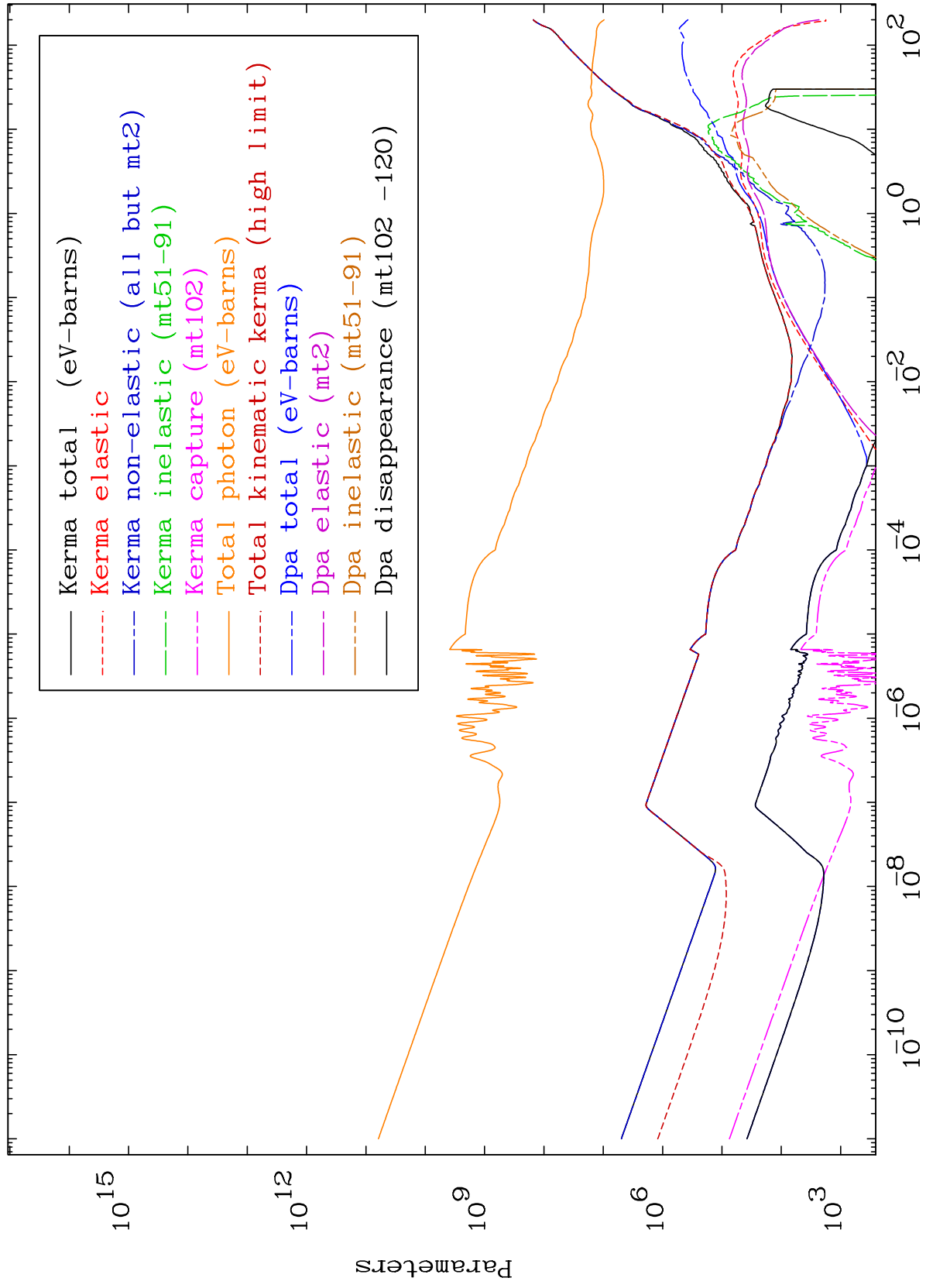
78-Pt-185

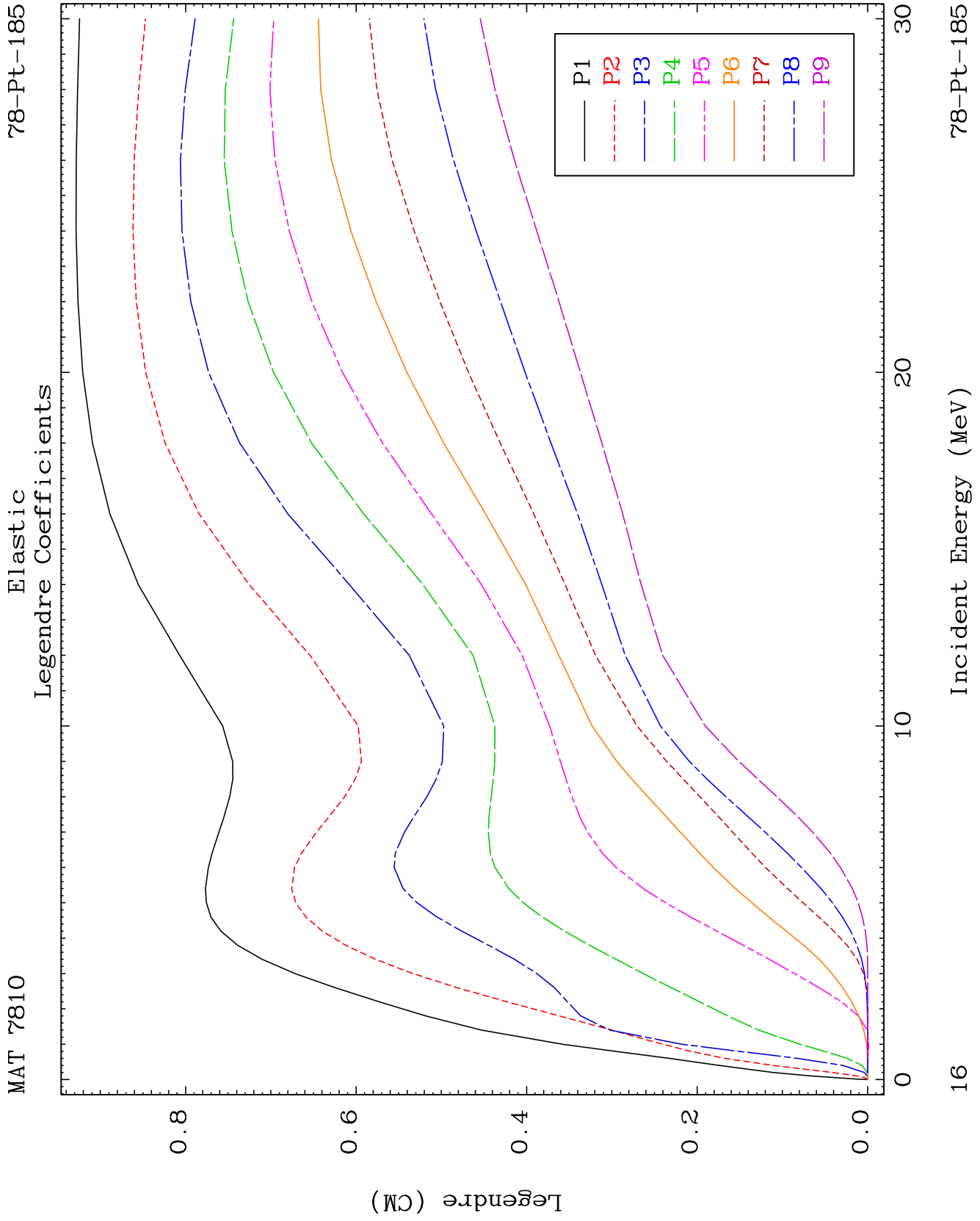


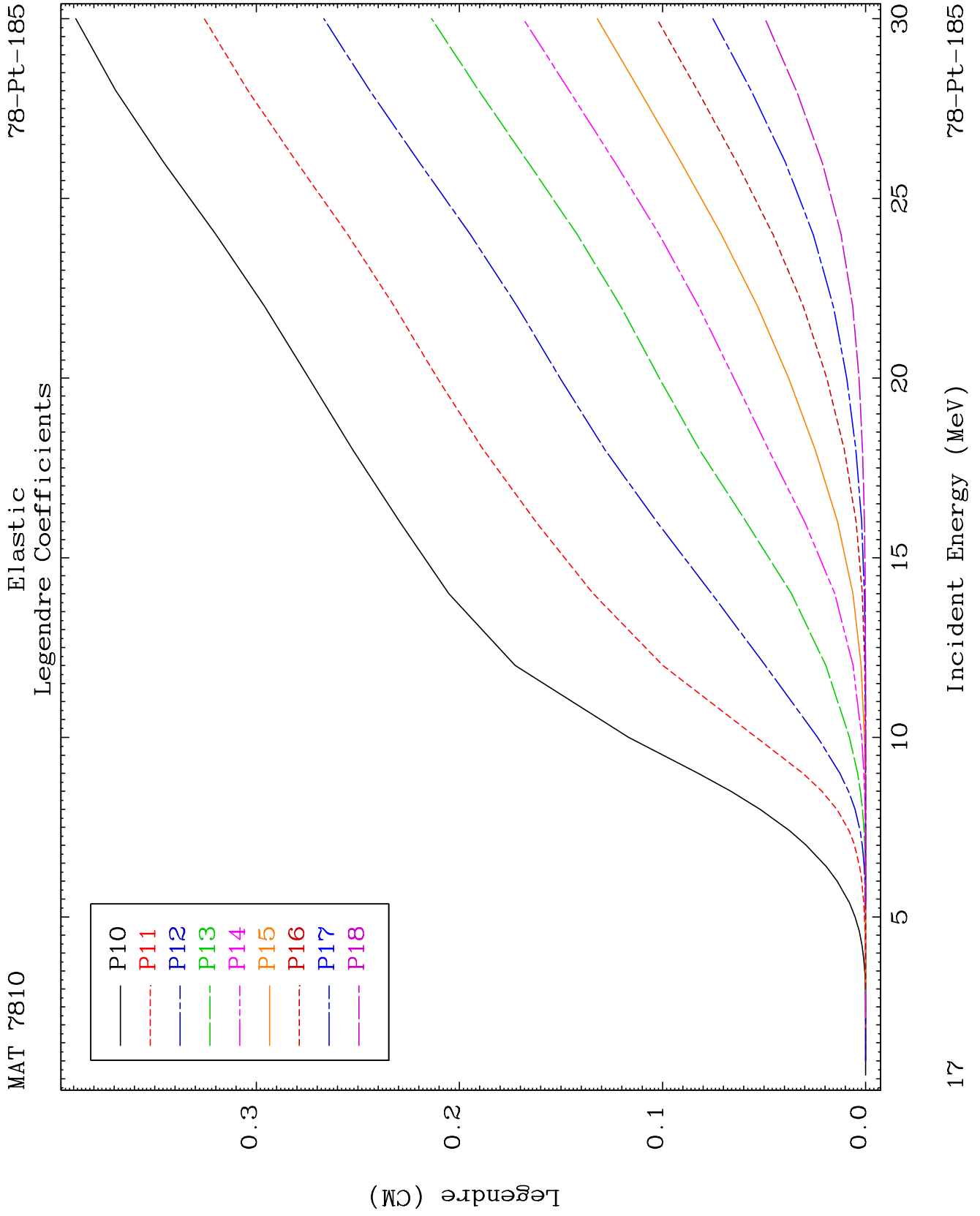
14

Incident Energy (MeV)

78-Pt-185



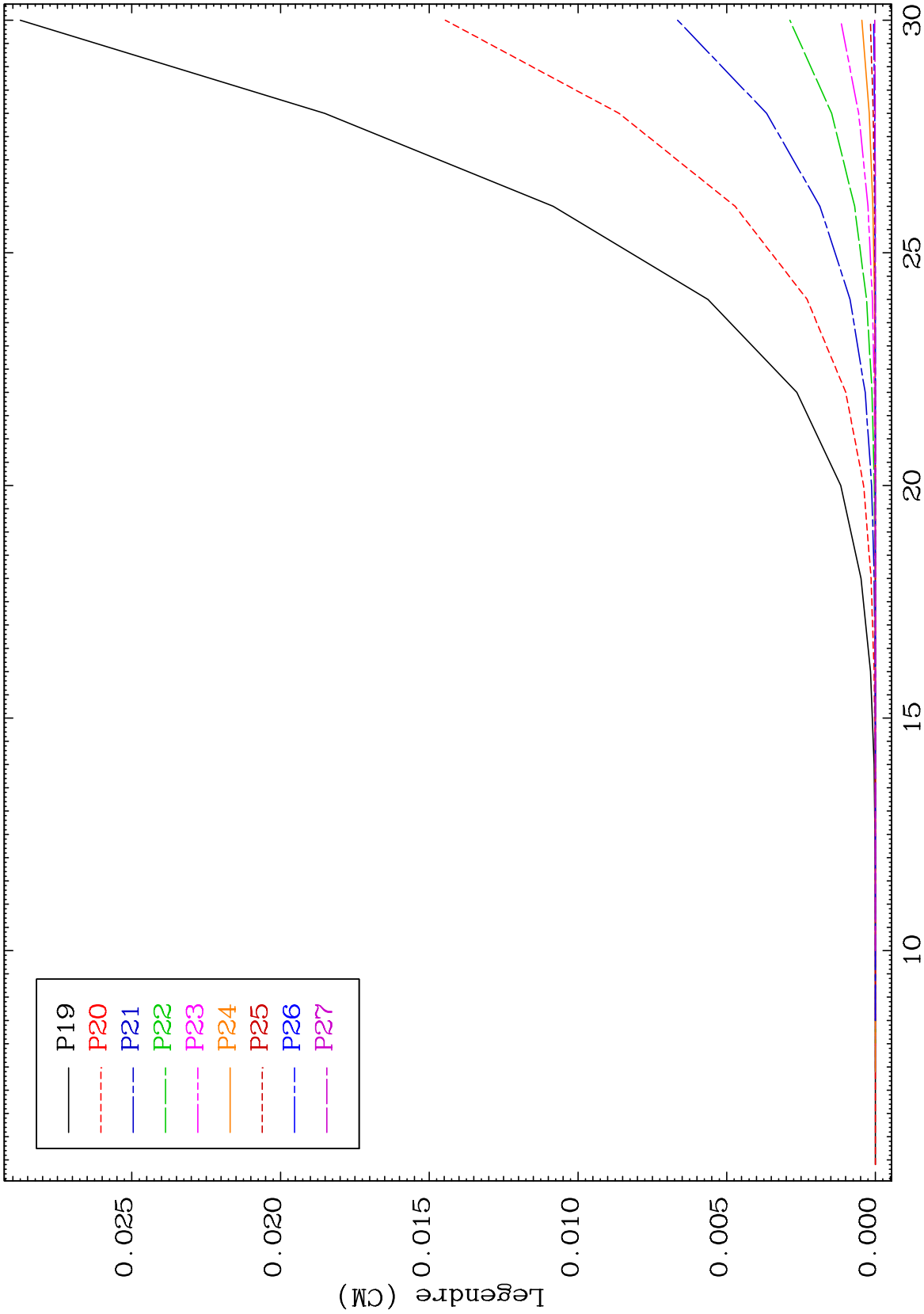




MAT 7810

Elastic Legendre Coefficients

78-Pt-185



18

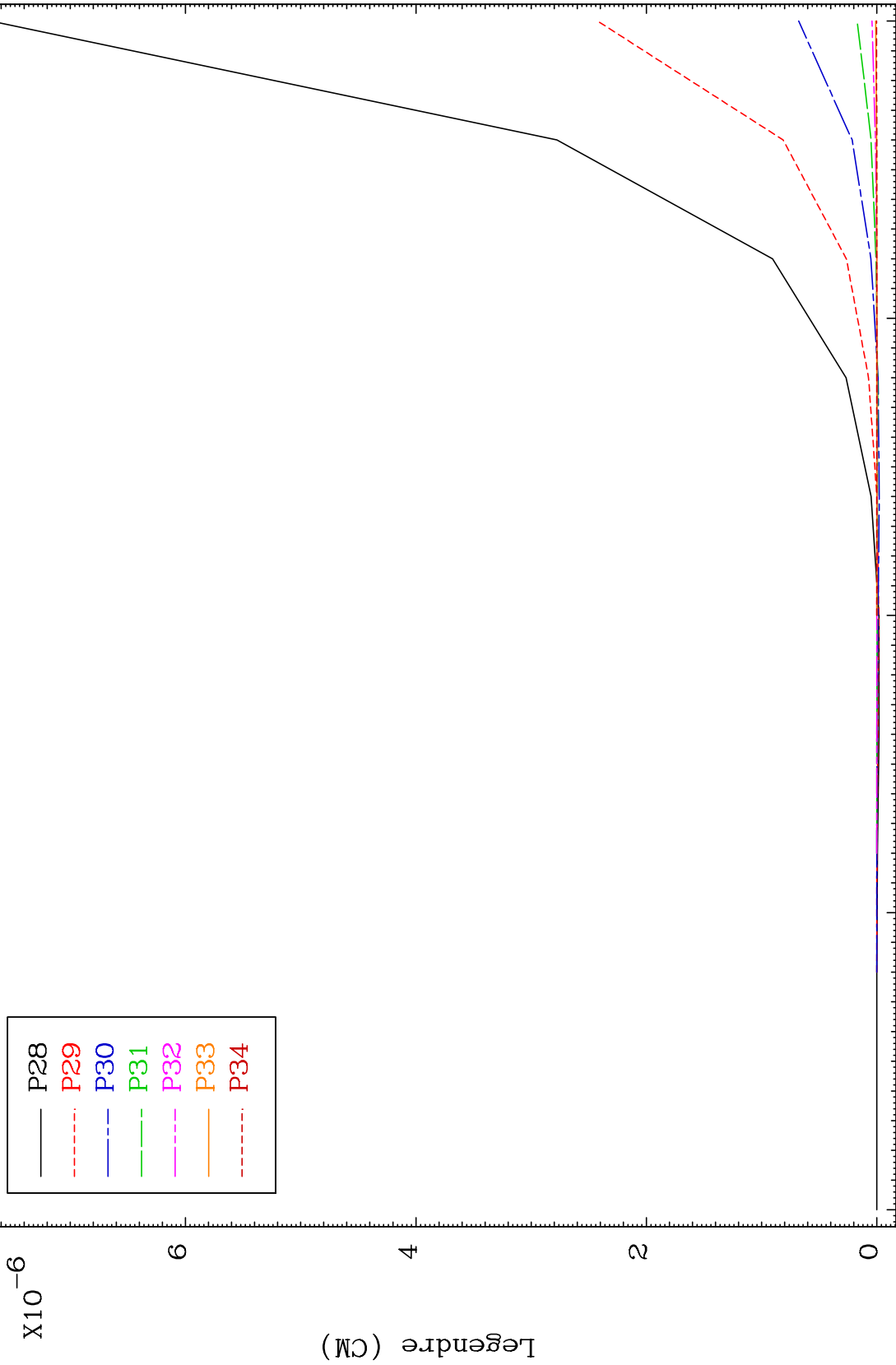
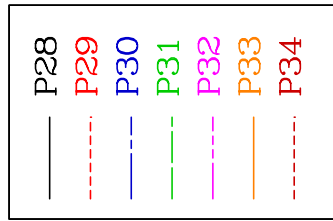
Incident Energy (MeV)

78-Pt-185

MAT 7810

Elastic Legendre Coefficients

78-Pt-185



19

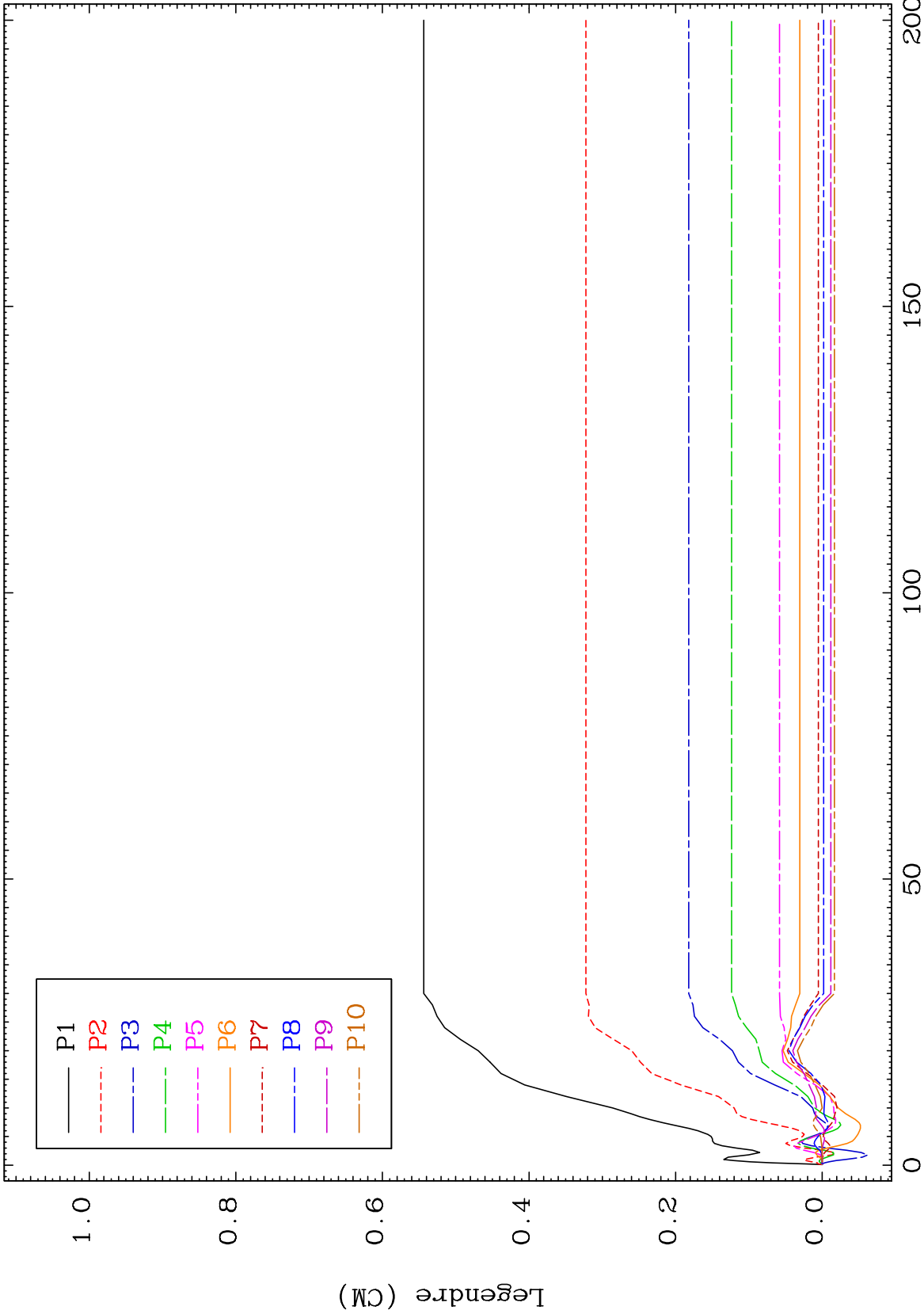
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



78-Pt-185

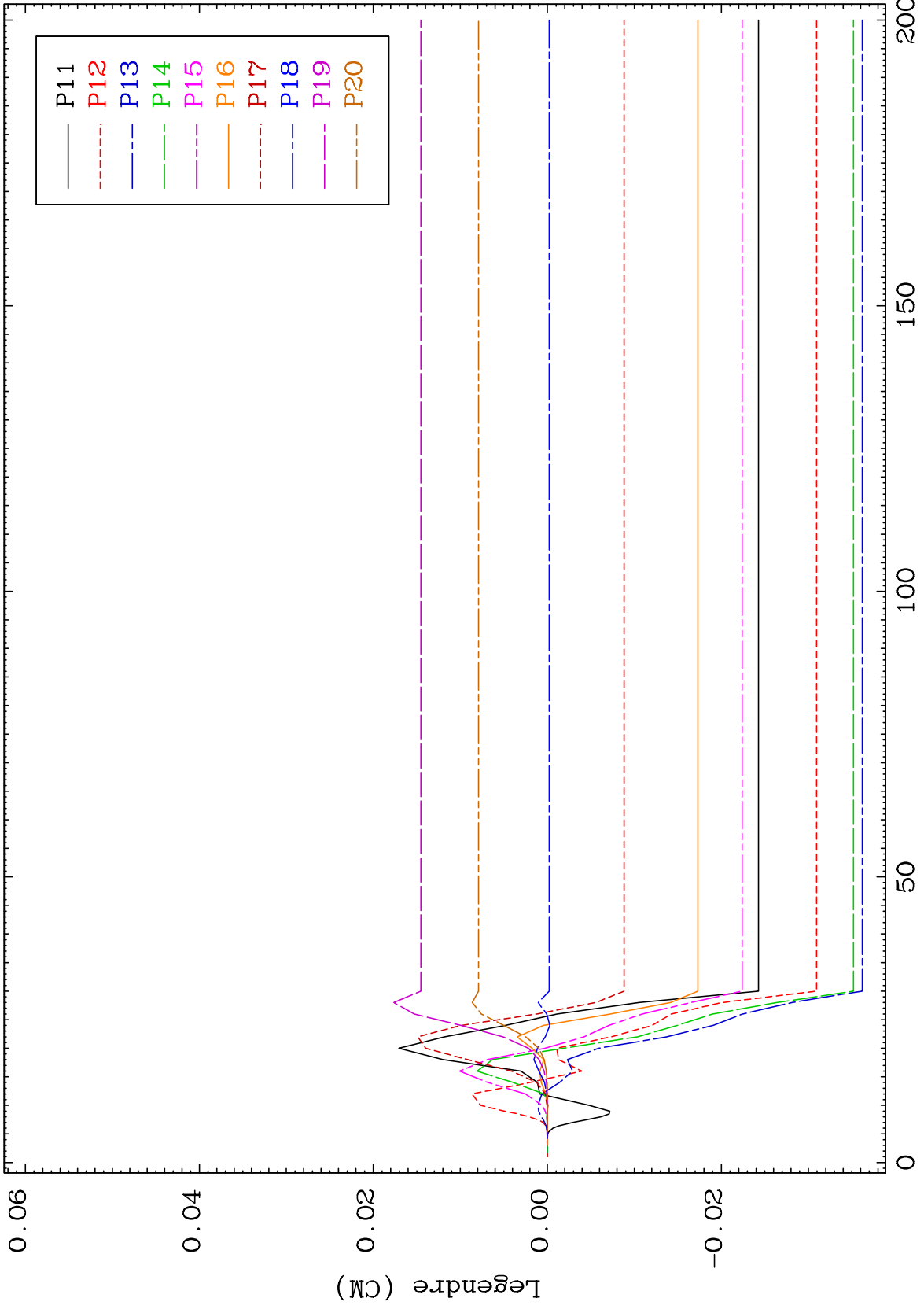
Incident Energy (MeV)

20

MAT 7810

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

78-Pt-185



21

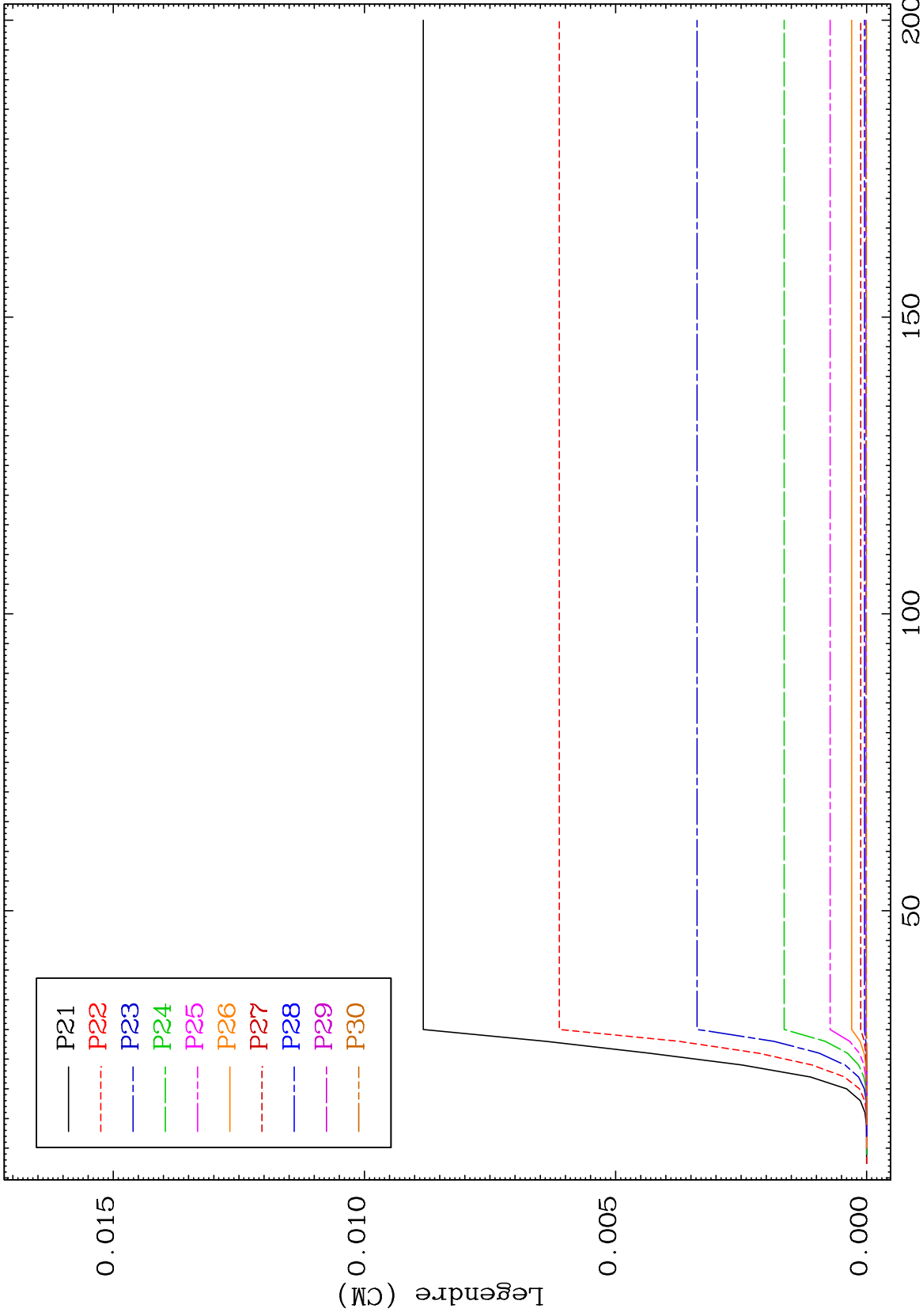
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



22

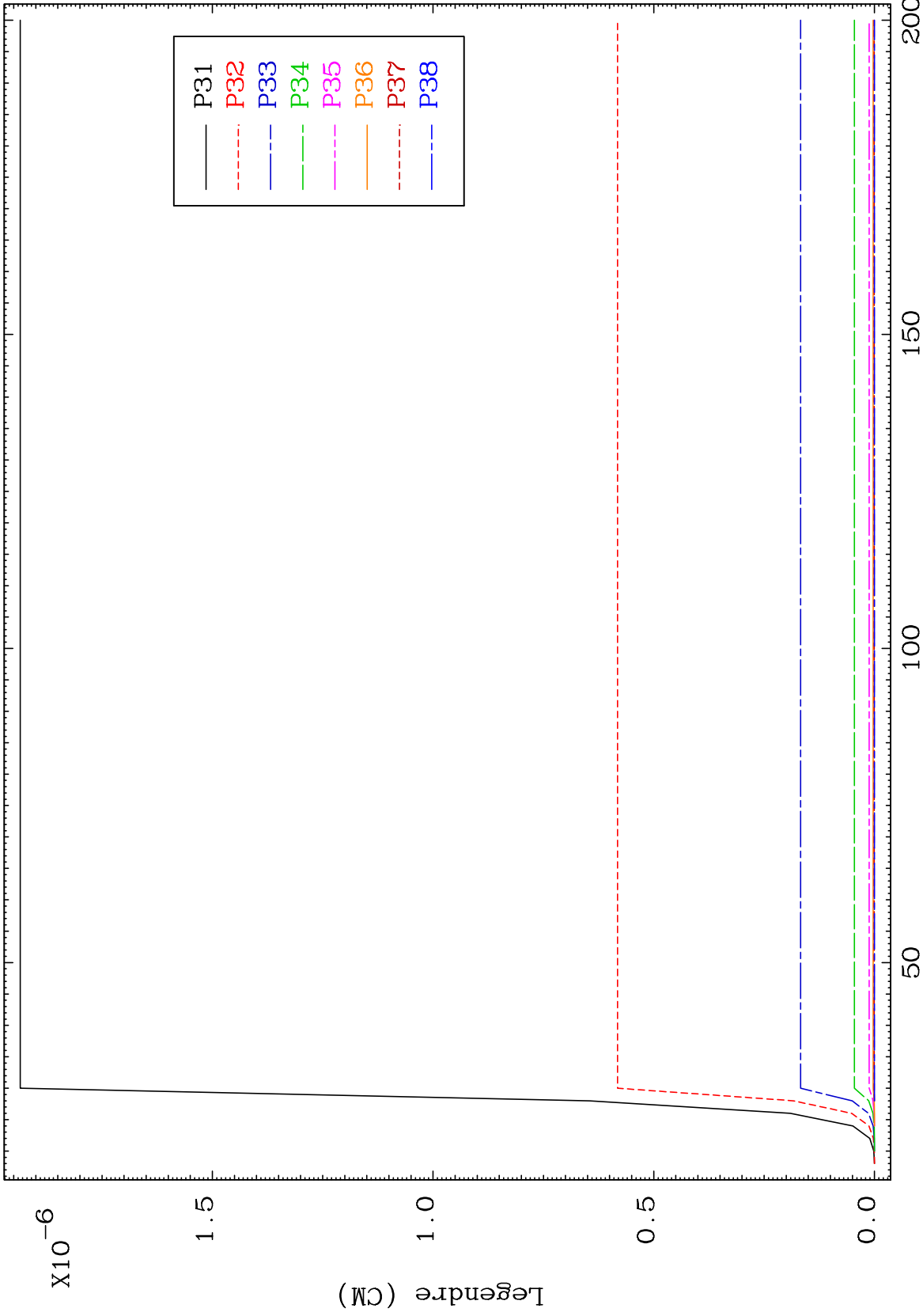
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



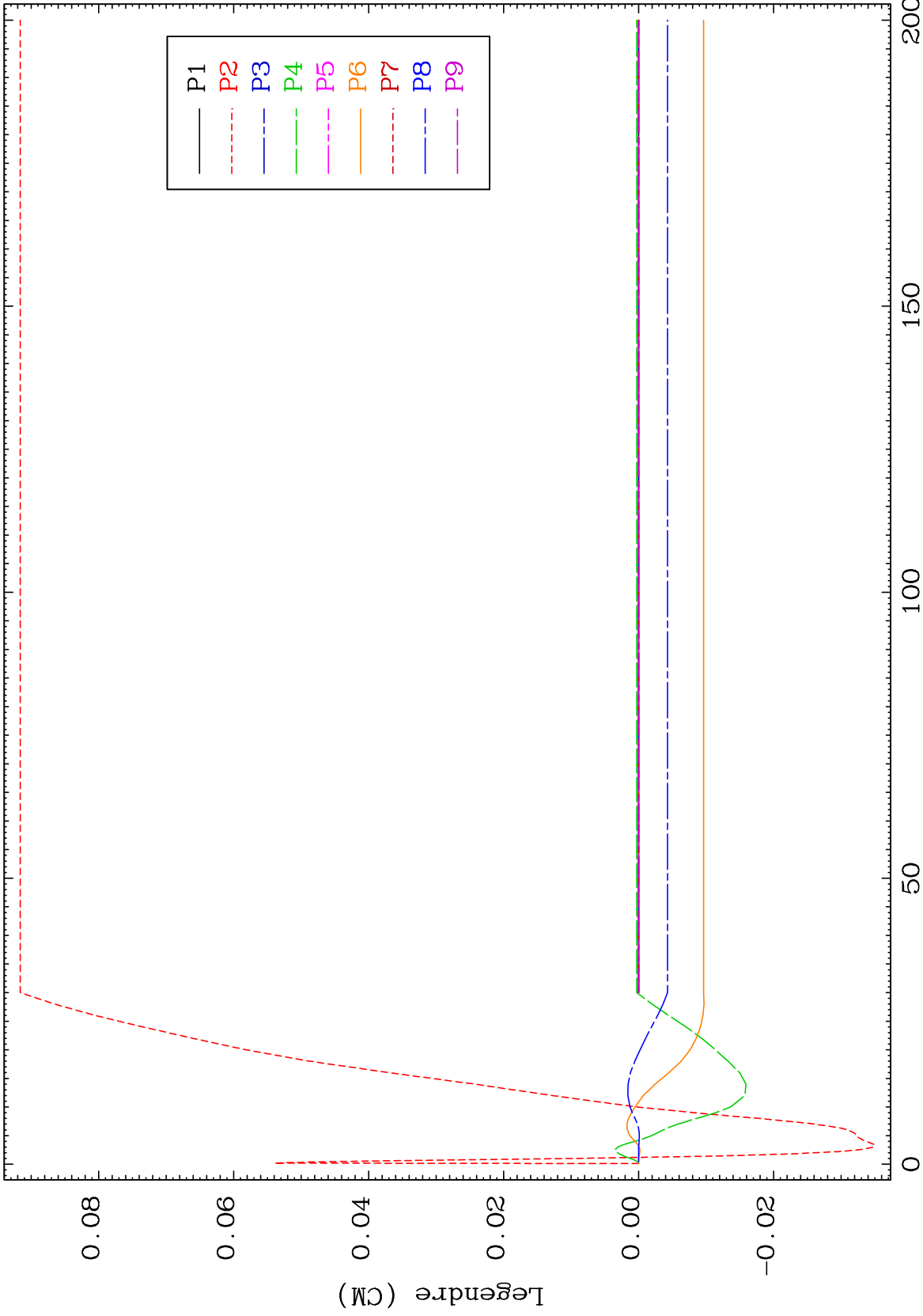
23

78-Pt-185

MAT 7810

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

78-Pt-185



24

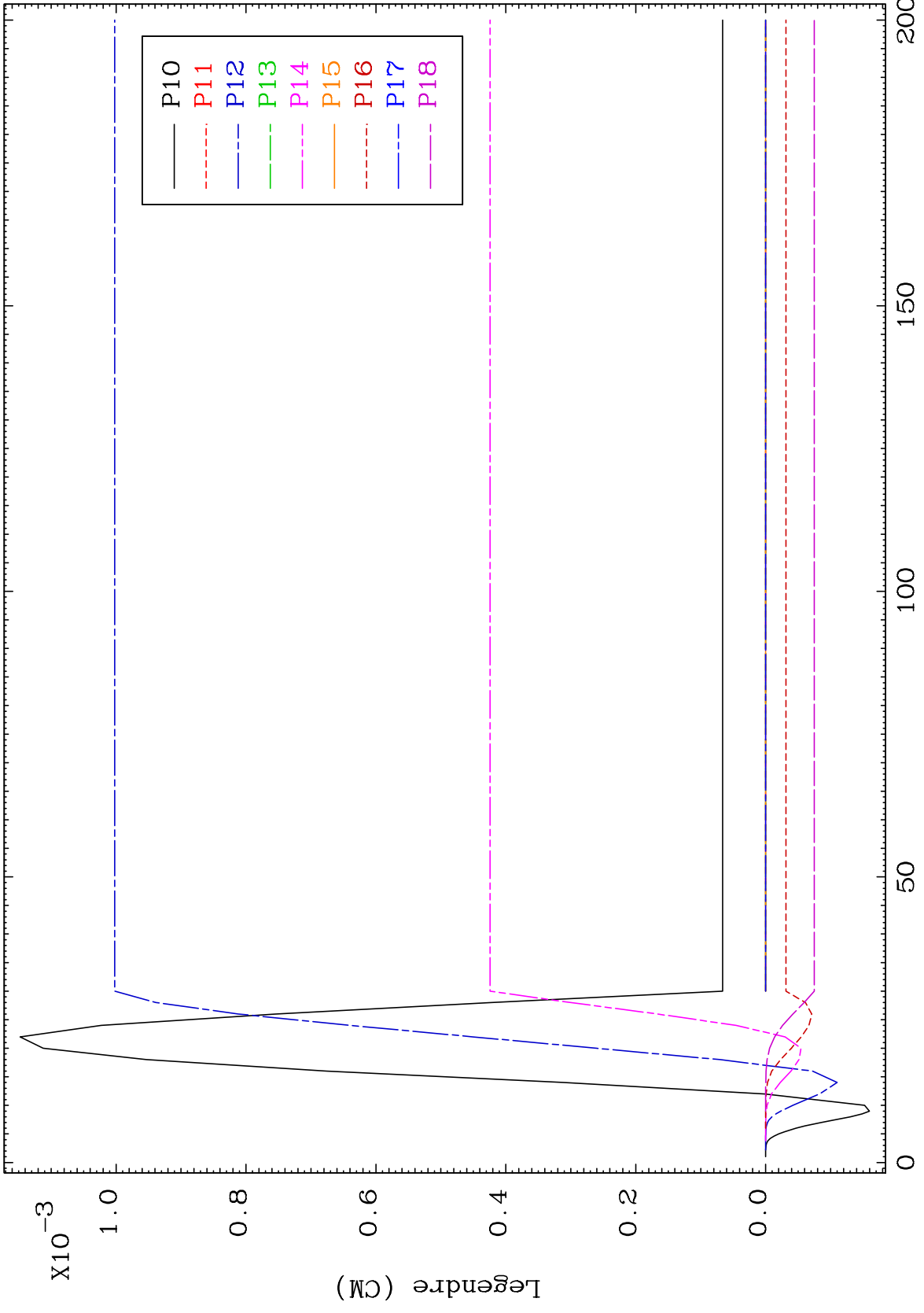
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



25

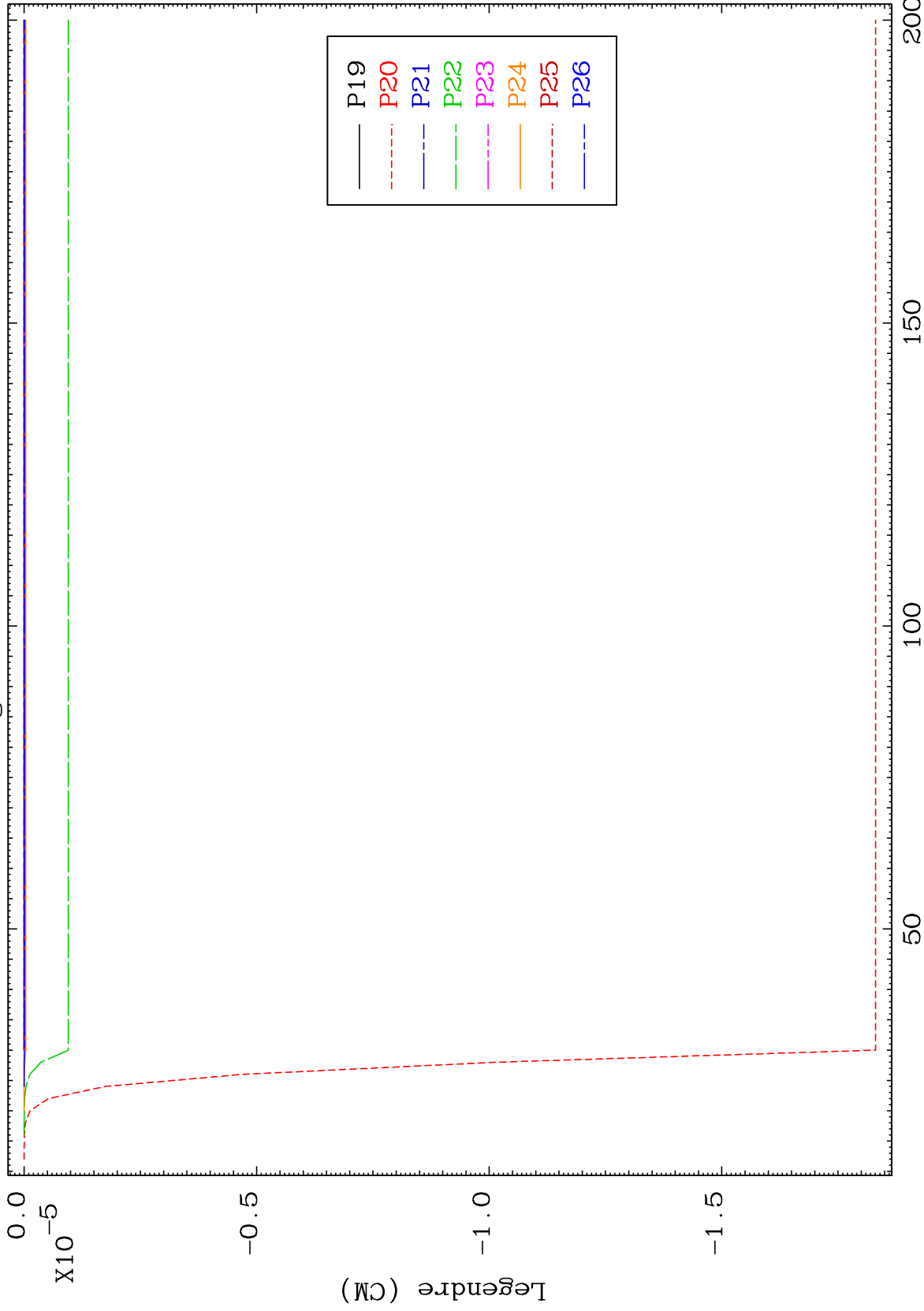
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



26

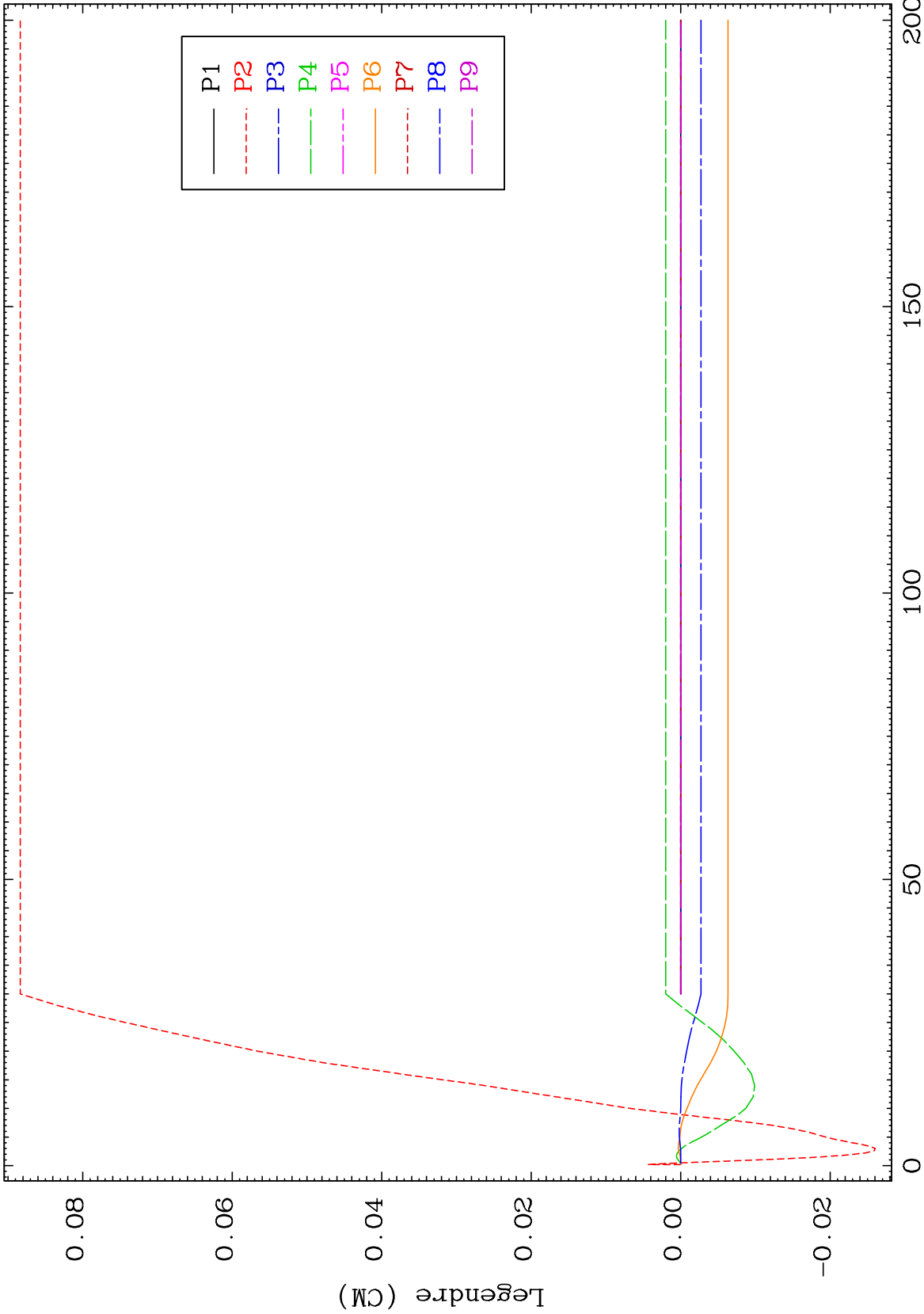
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



27

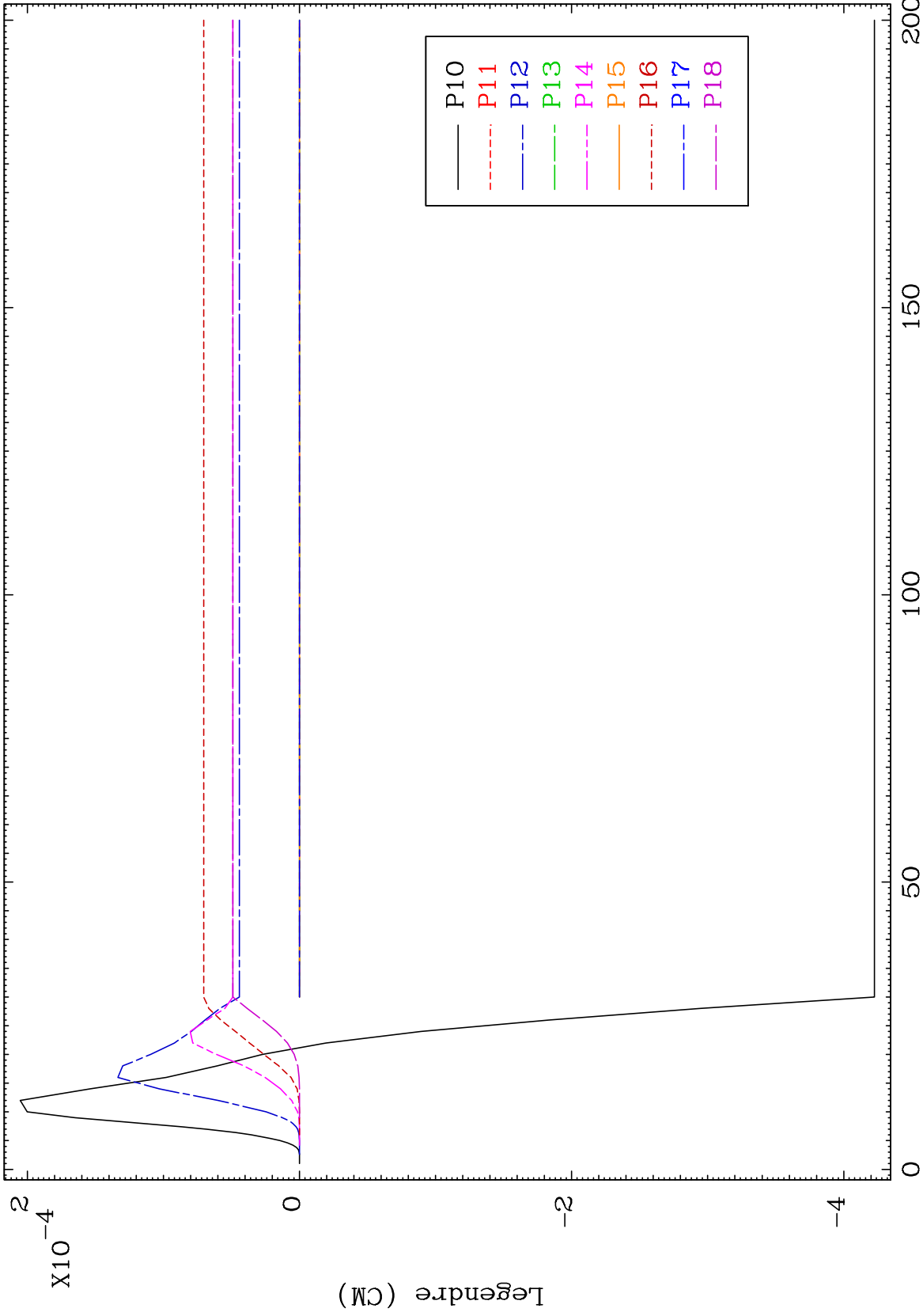
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185

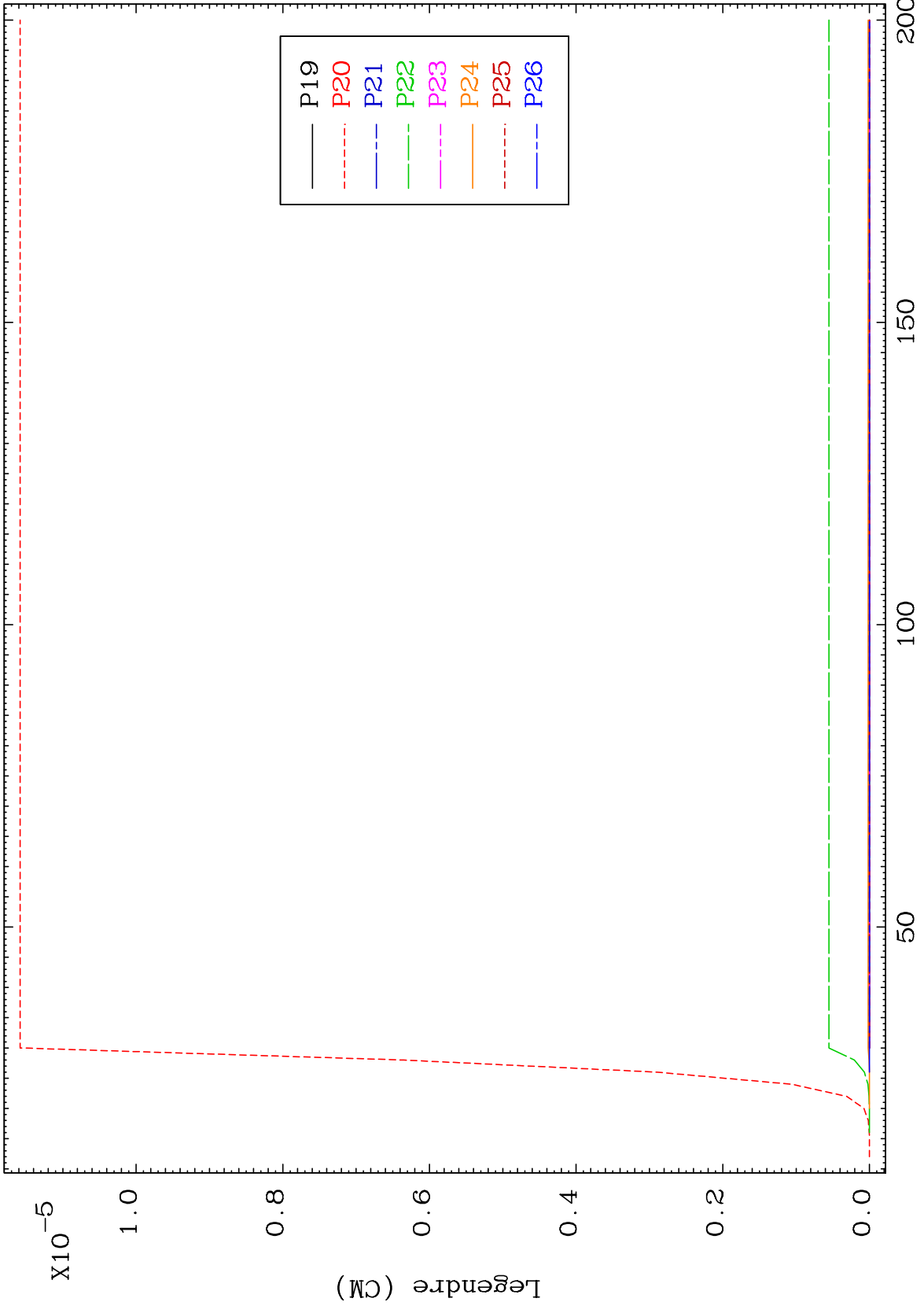


28

Incident Energy (MeV)

78-Pt-185

MAT 7810 MT= 53 (n,n') Level Legendre Coefficients 78-Pt-185

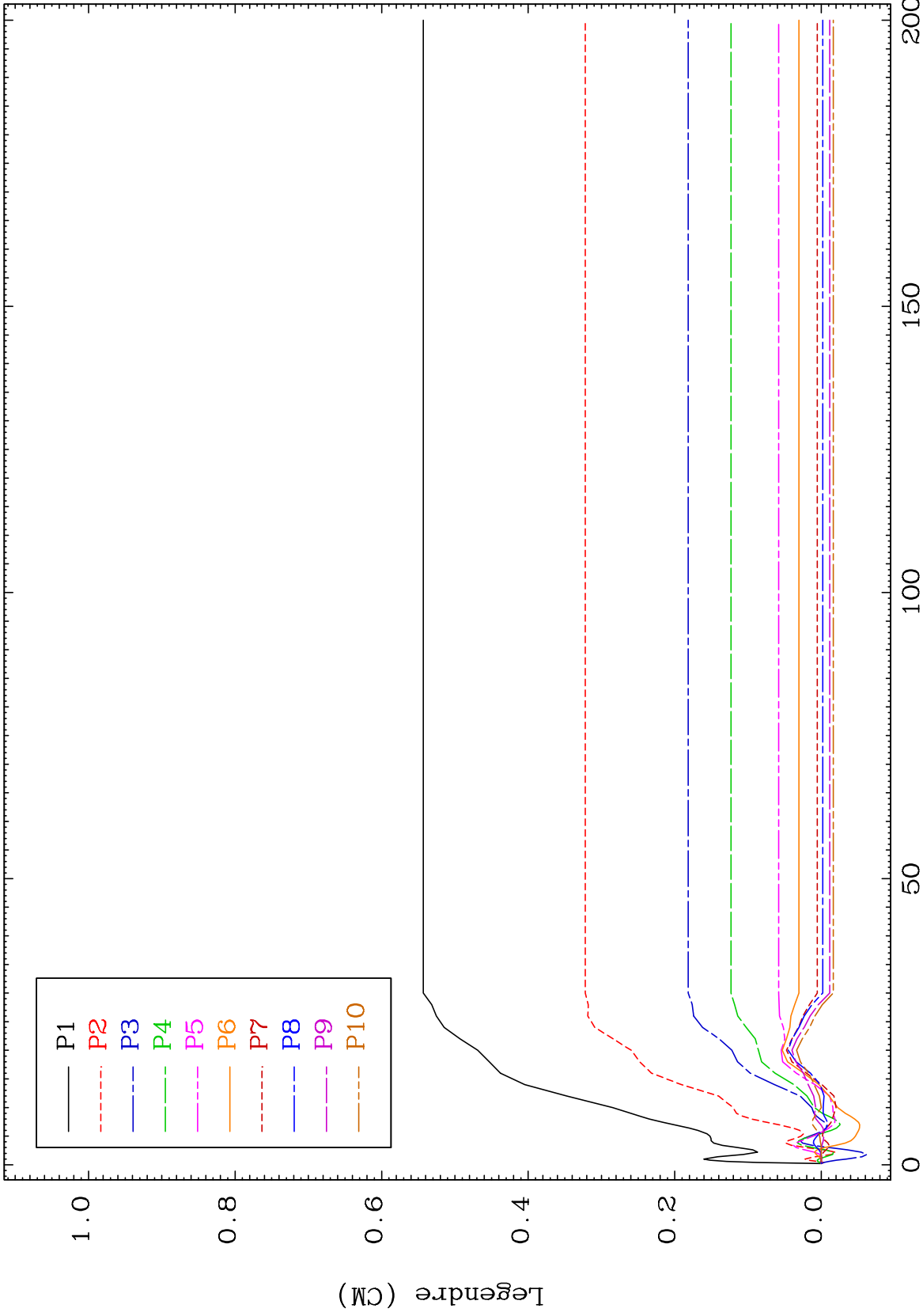


29 78-Pt-185

MAT 7810

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

78-Pt-185



78-Pt-185

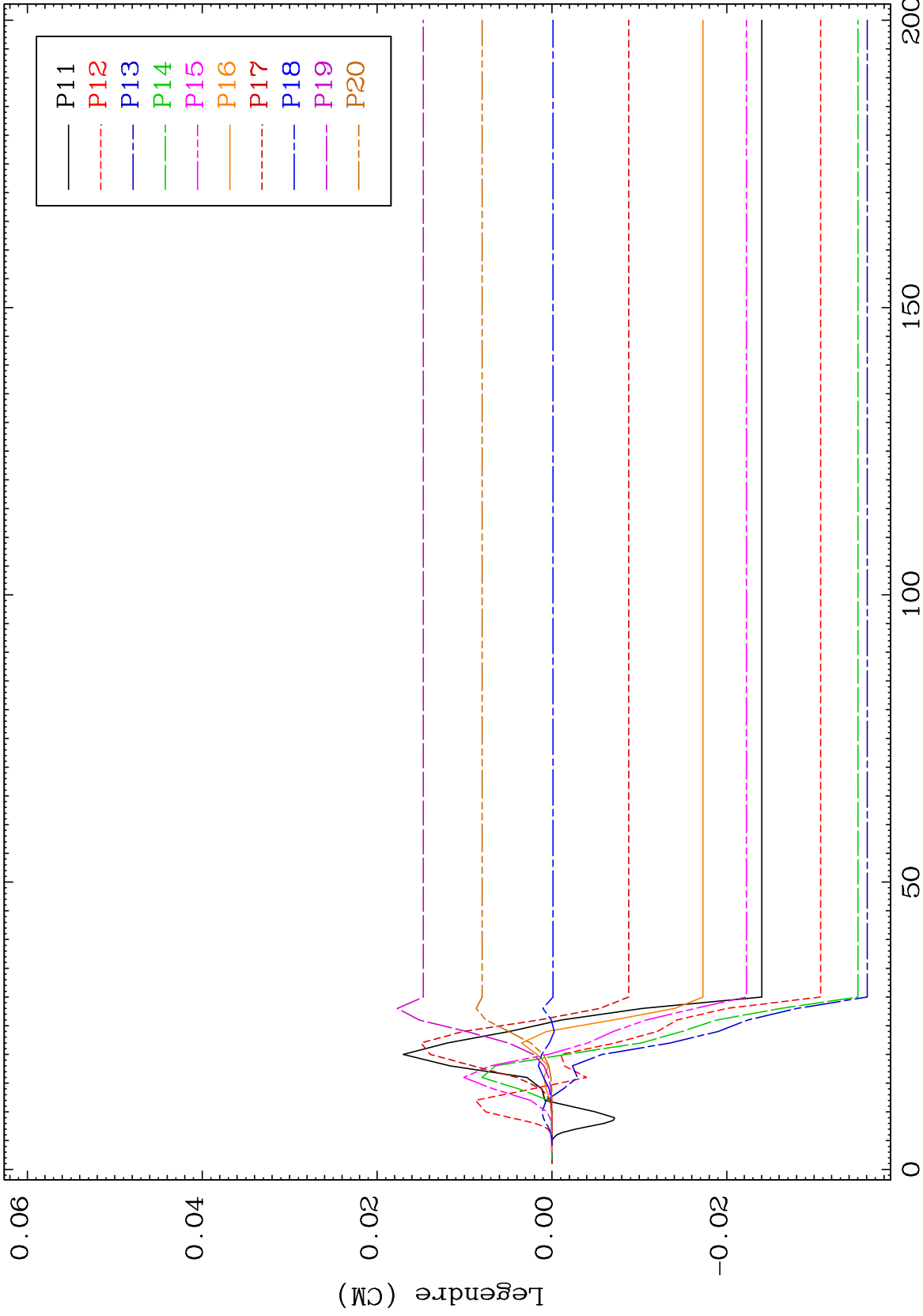
Incident Energy (MeV)

30

MAT 7810

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

78-Pt-185



31

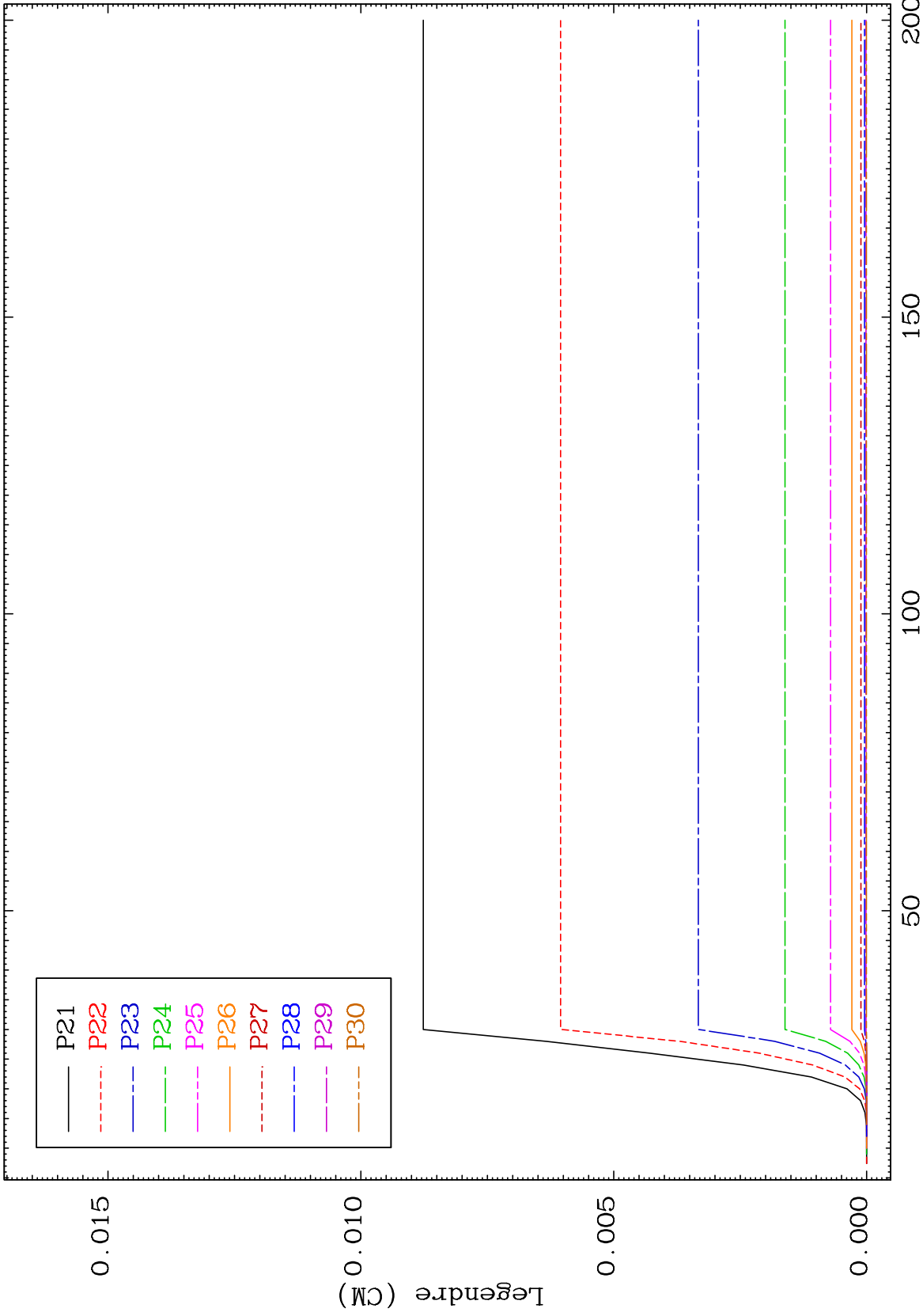
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



32

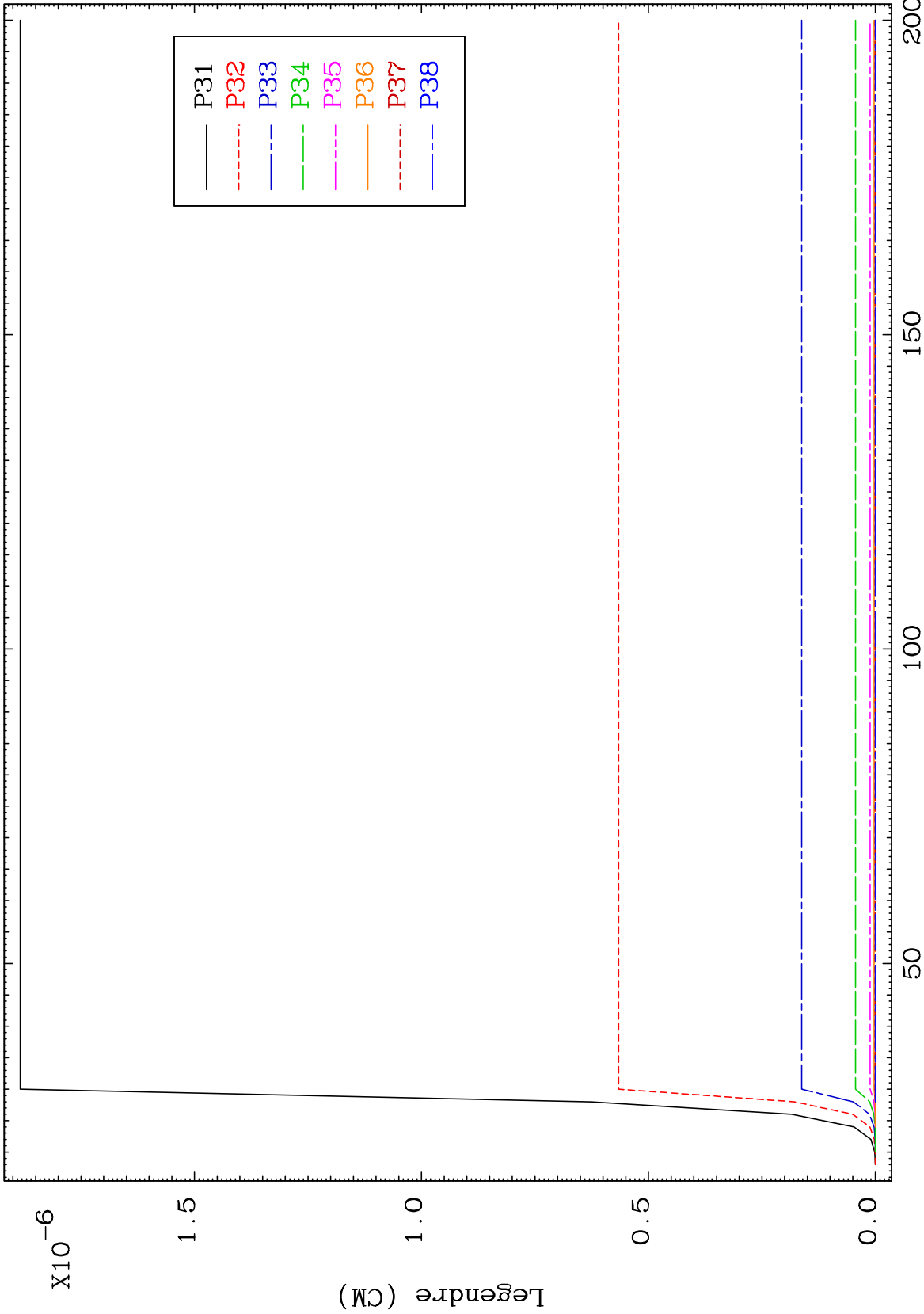
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



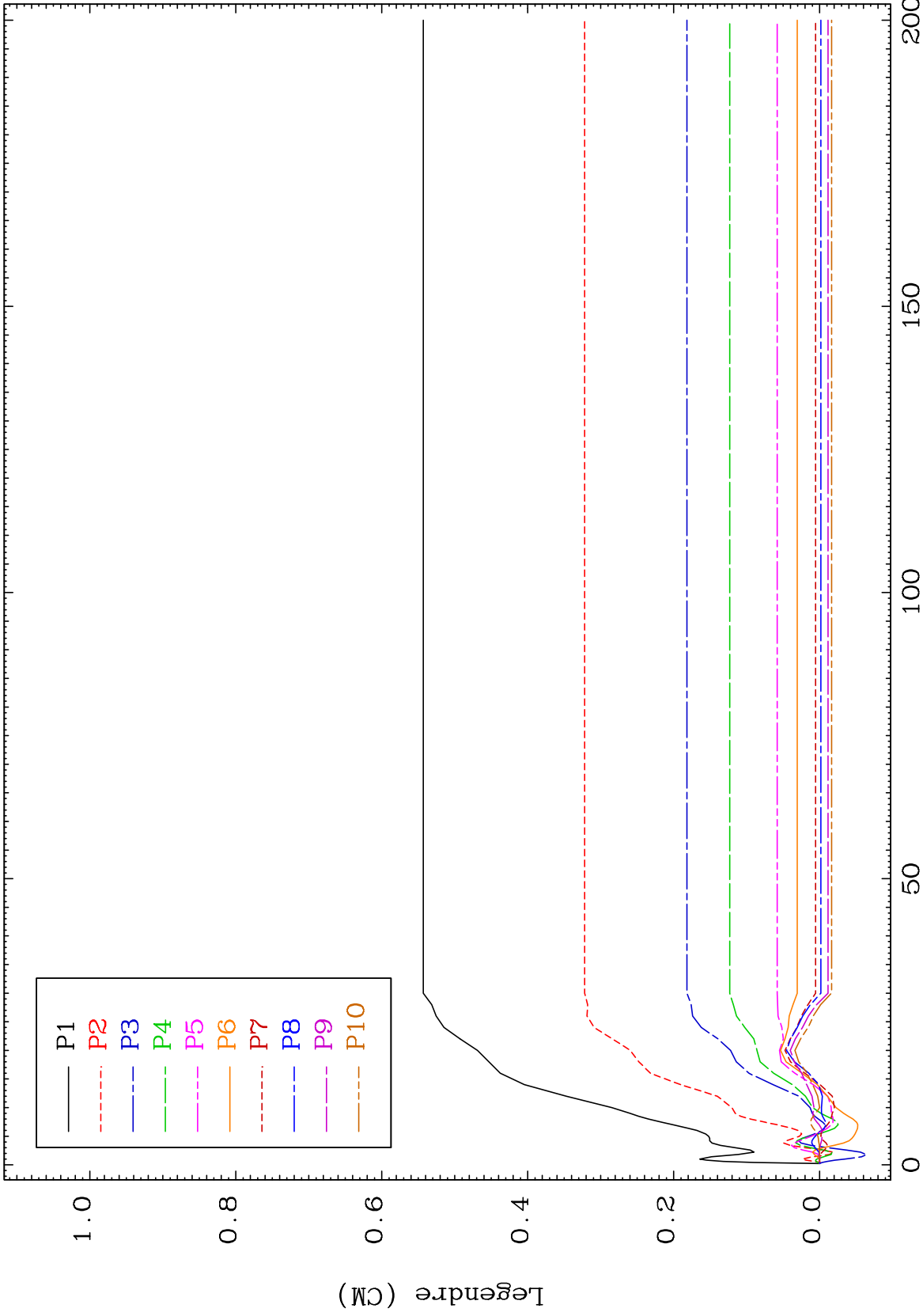
33

78-Pt-185

MAT 7810

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

78-Pt-185



34

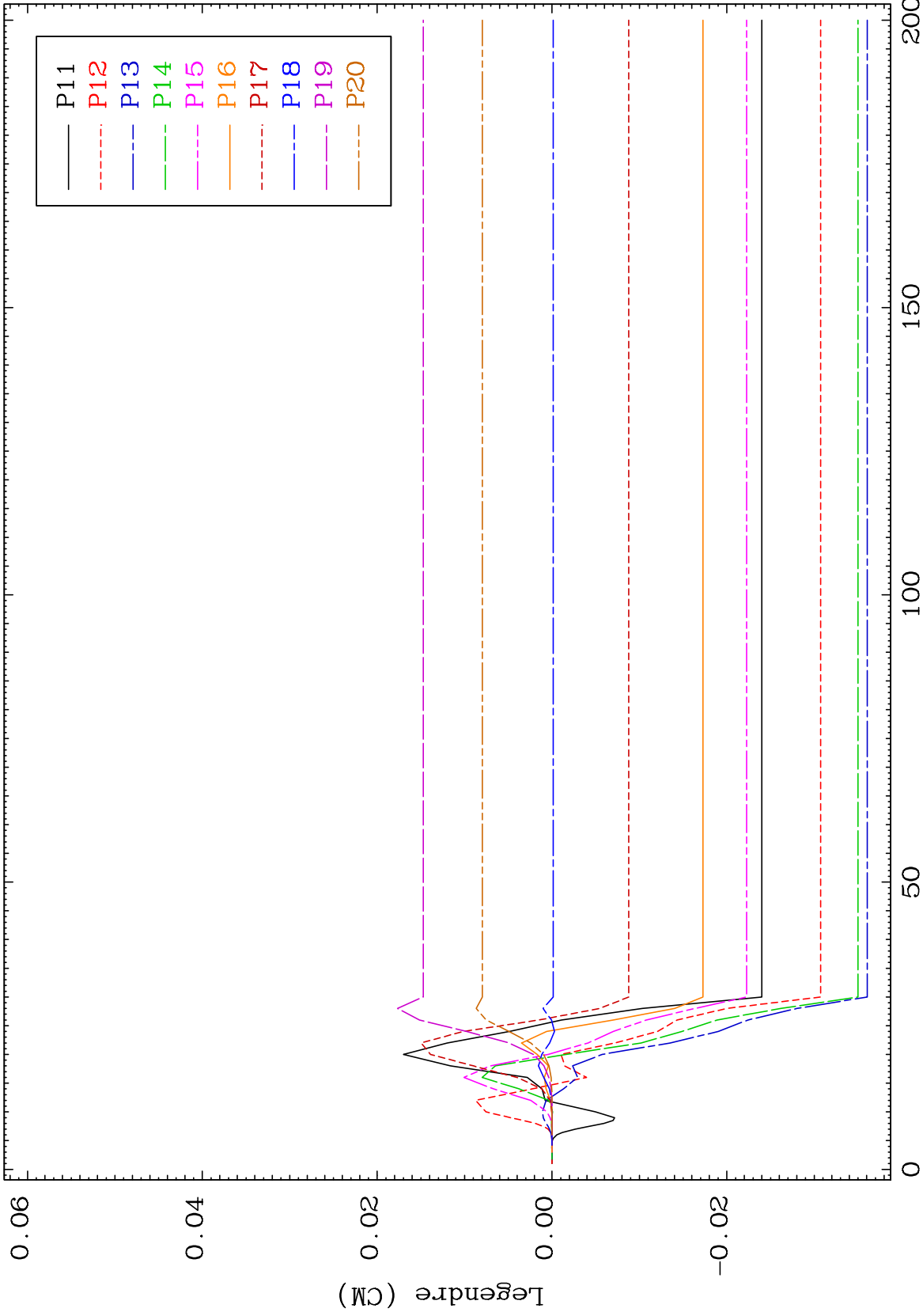
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



35

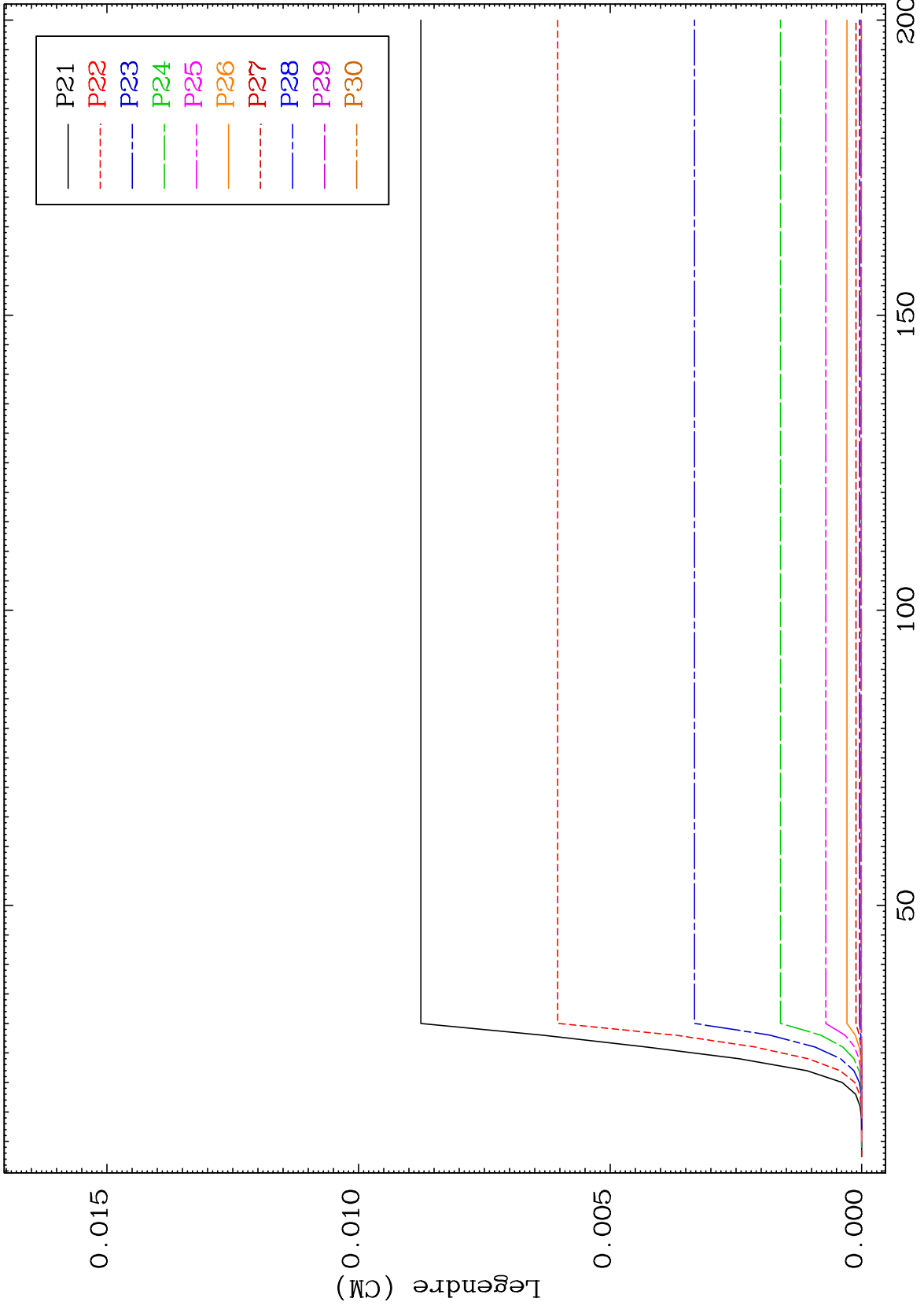
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



36

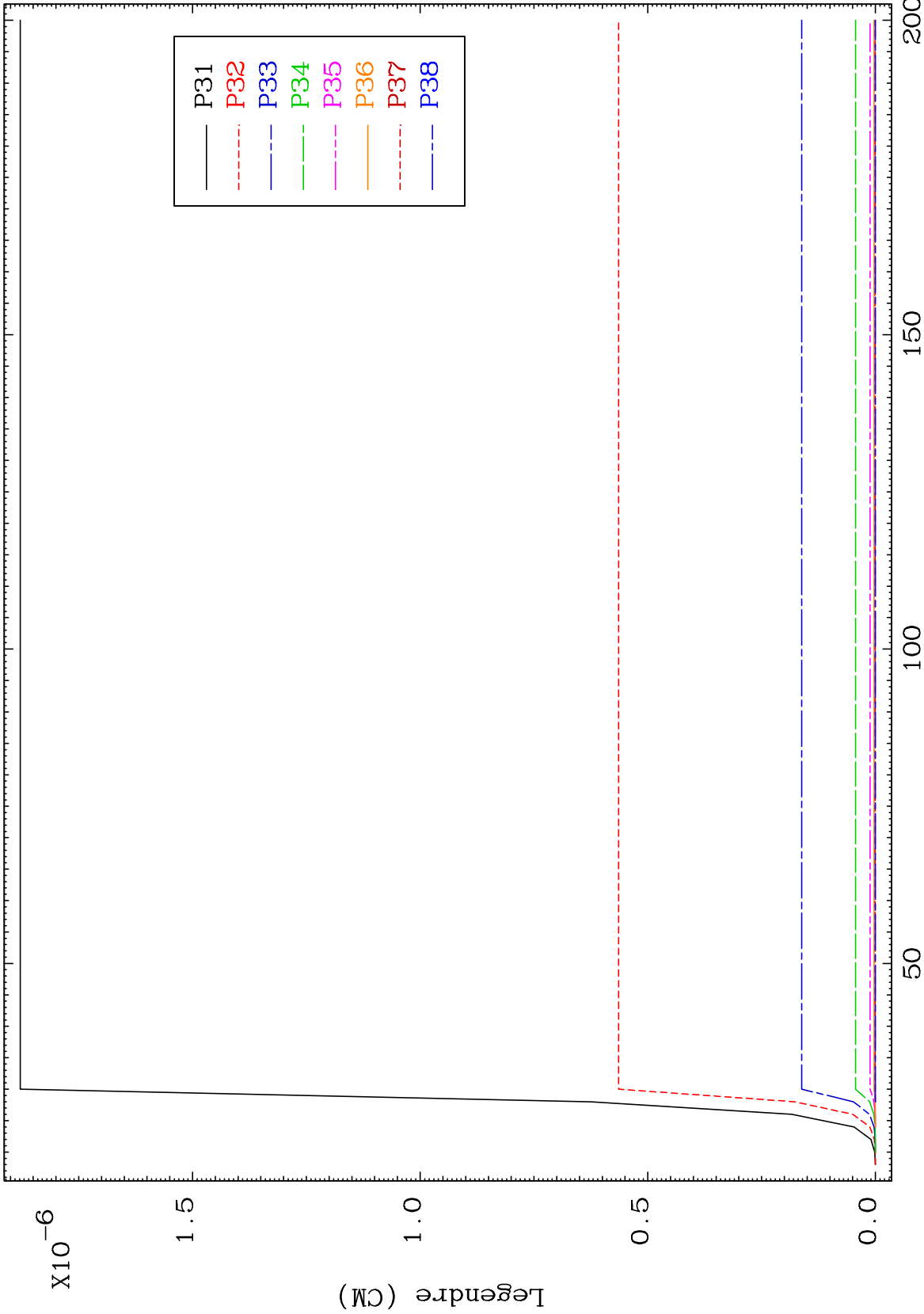
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



37

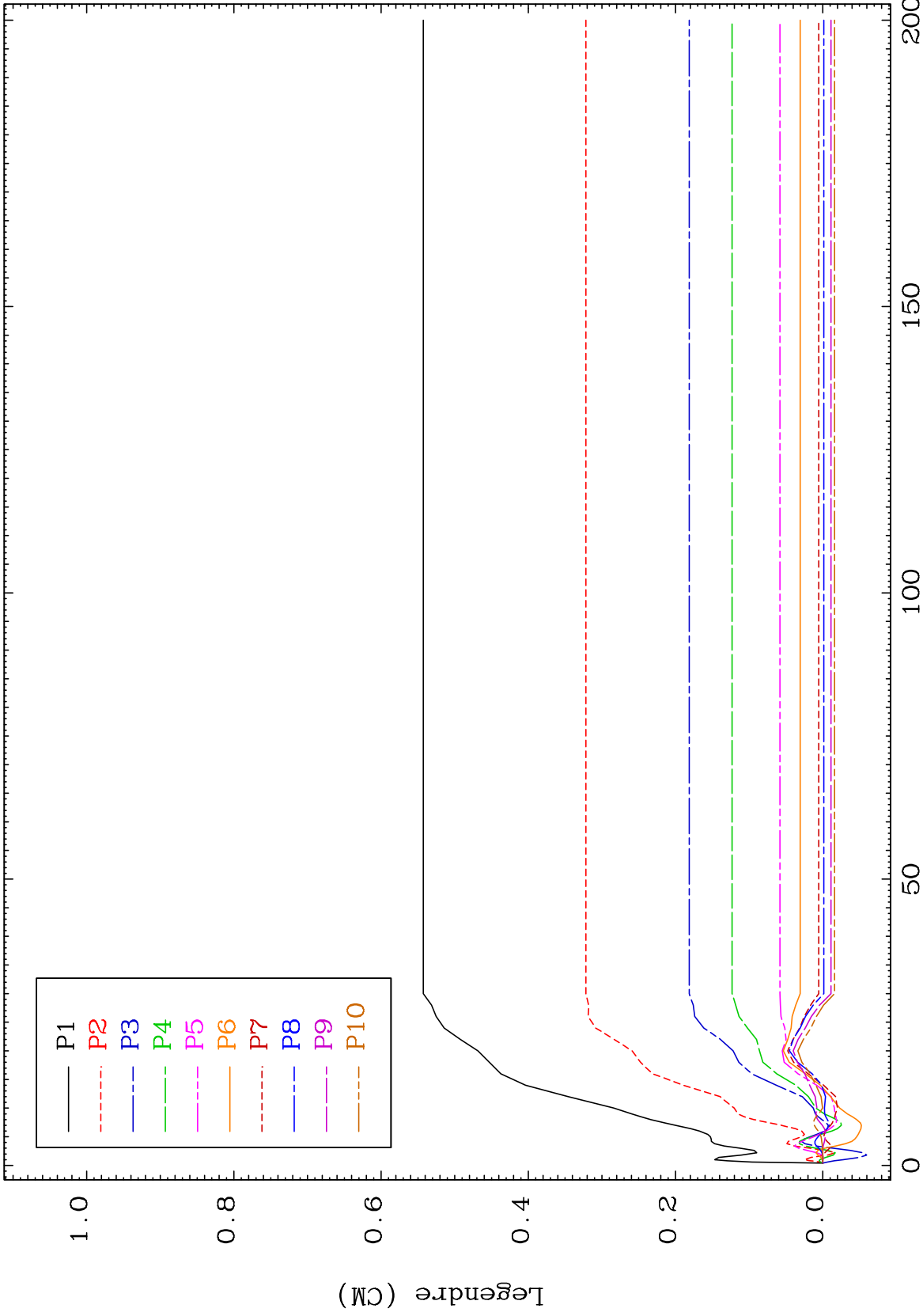
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



38

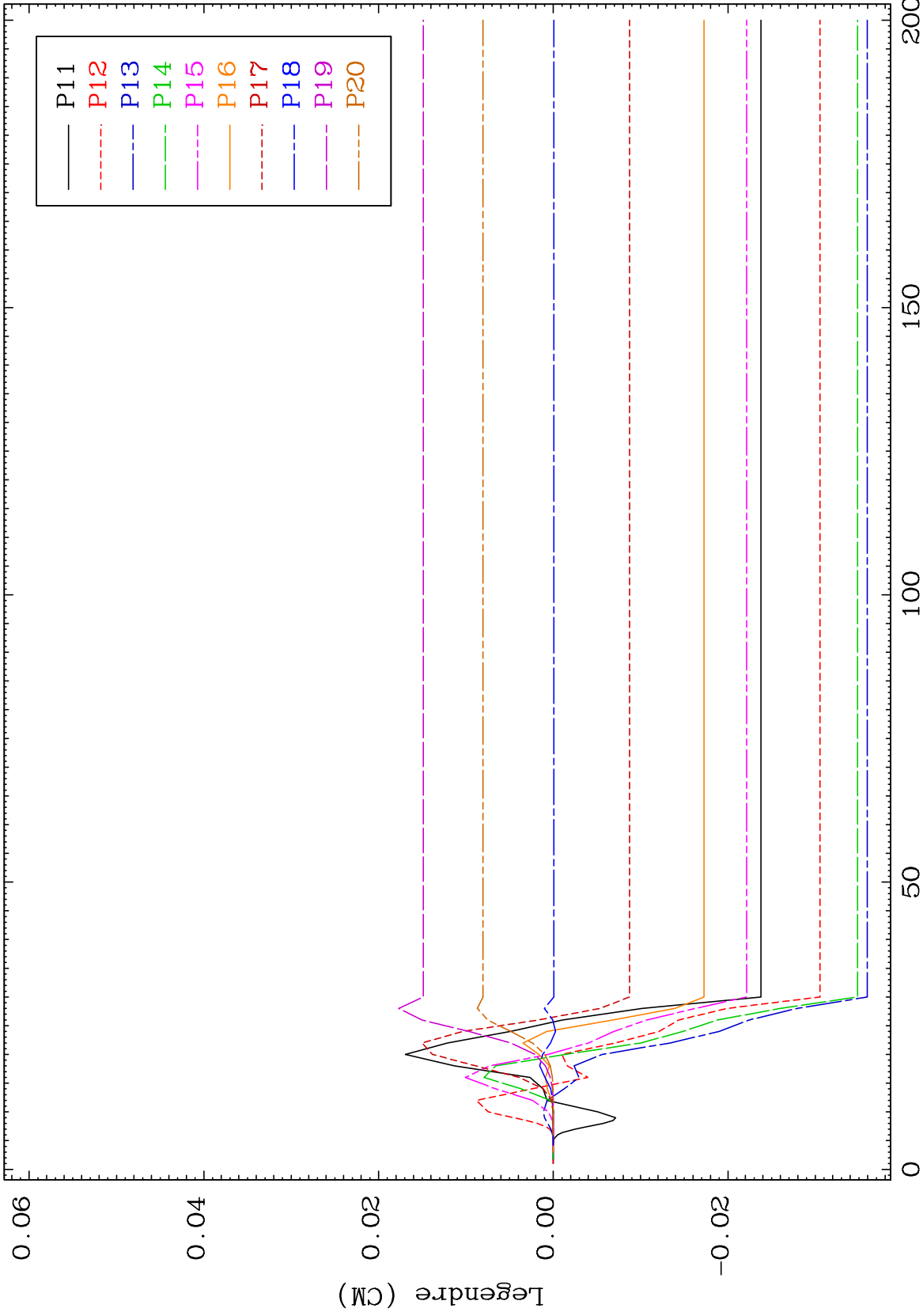
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



39

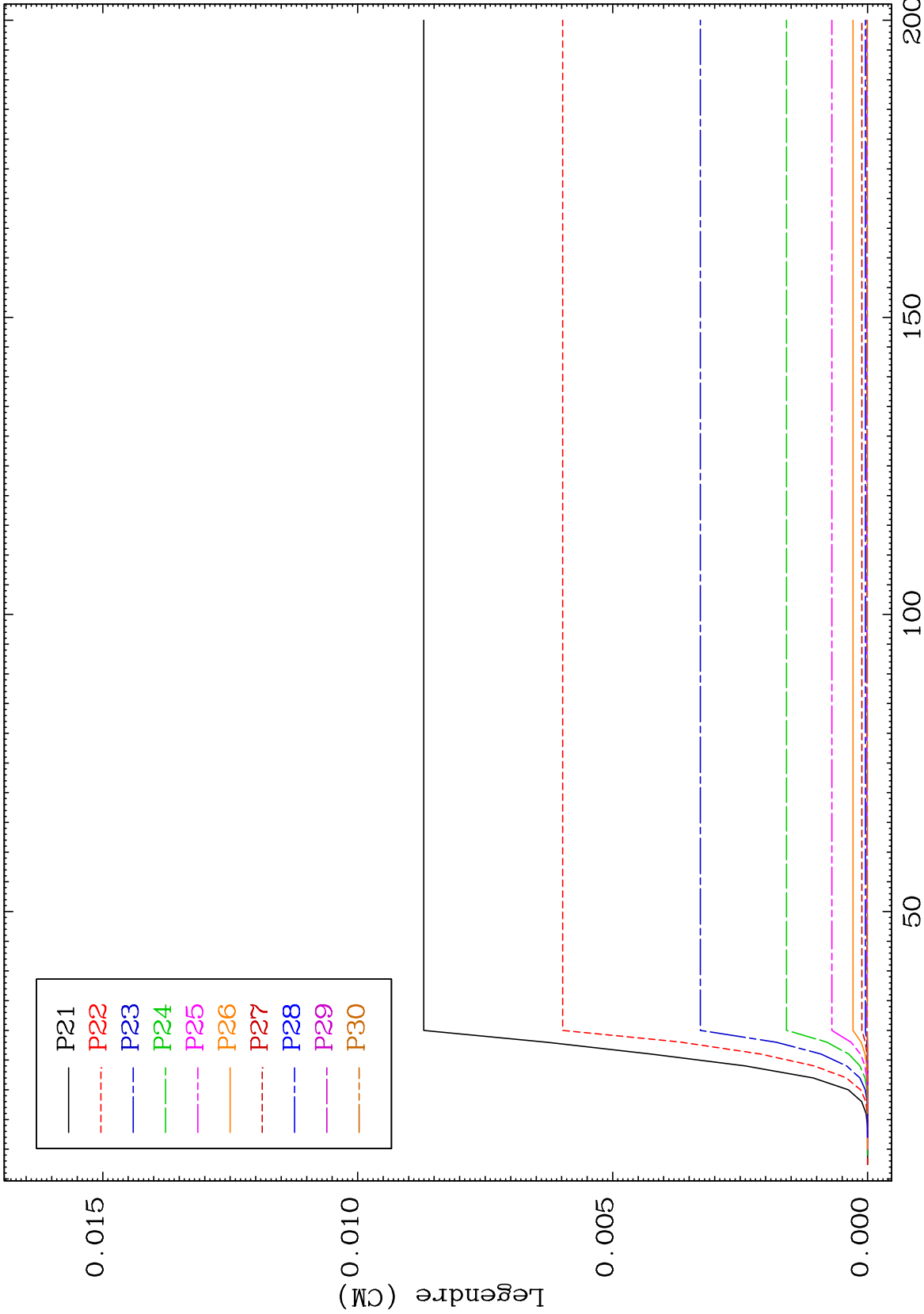
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



40

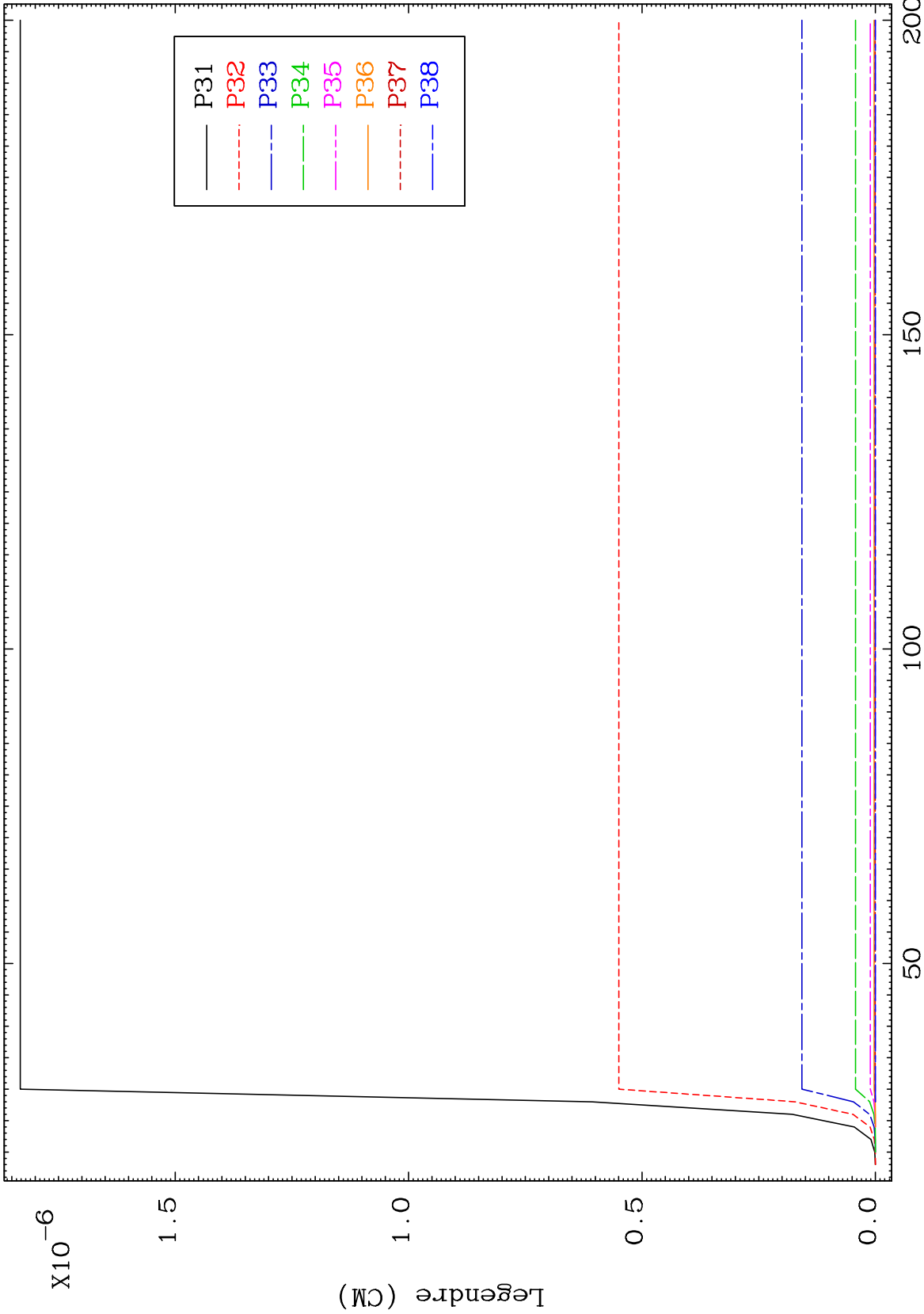
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

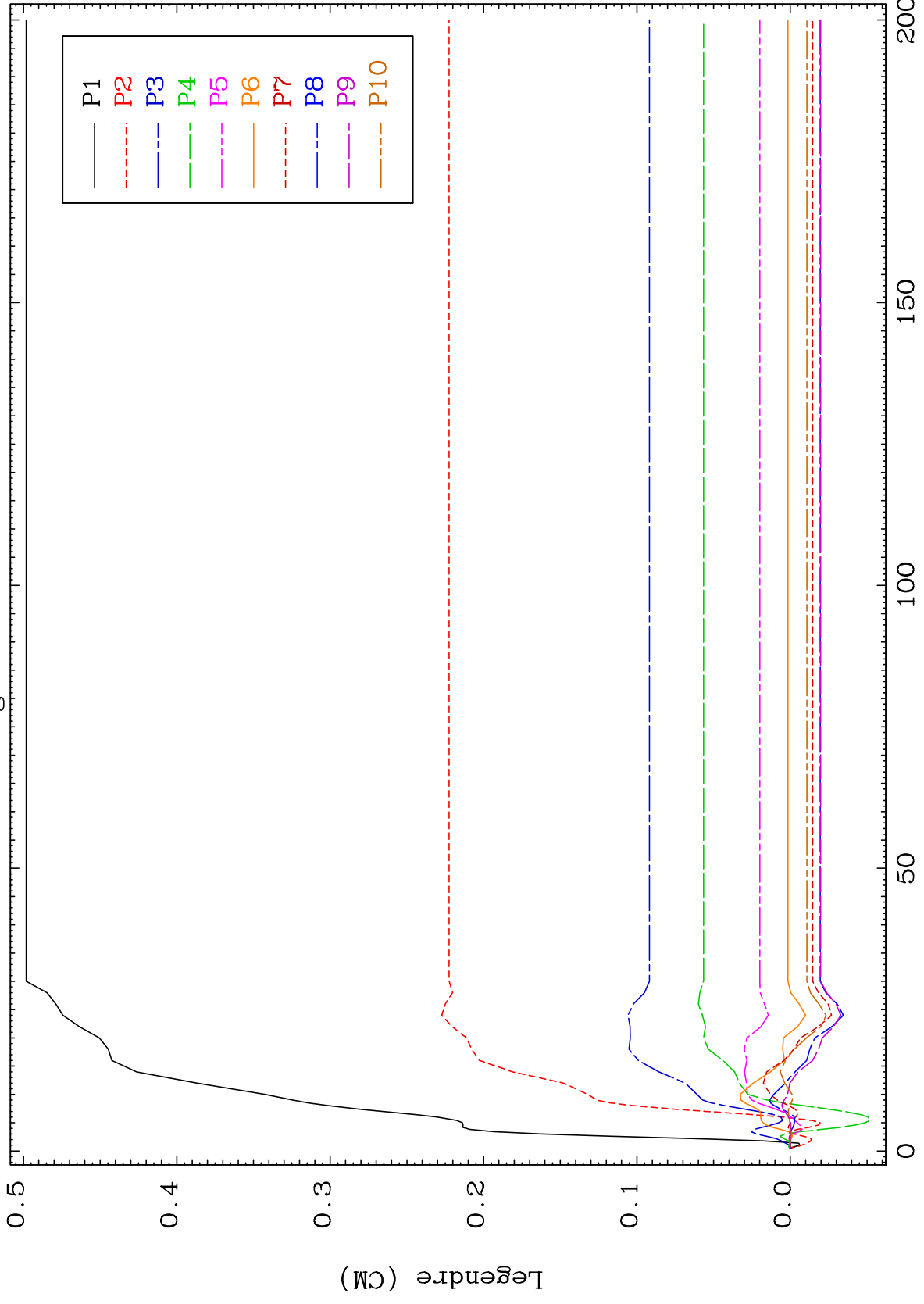
78-Pt-185



MAT 7810

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

78-Pt-185



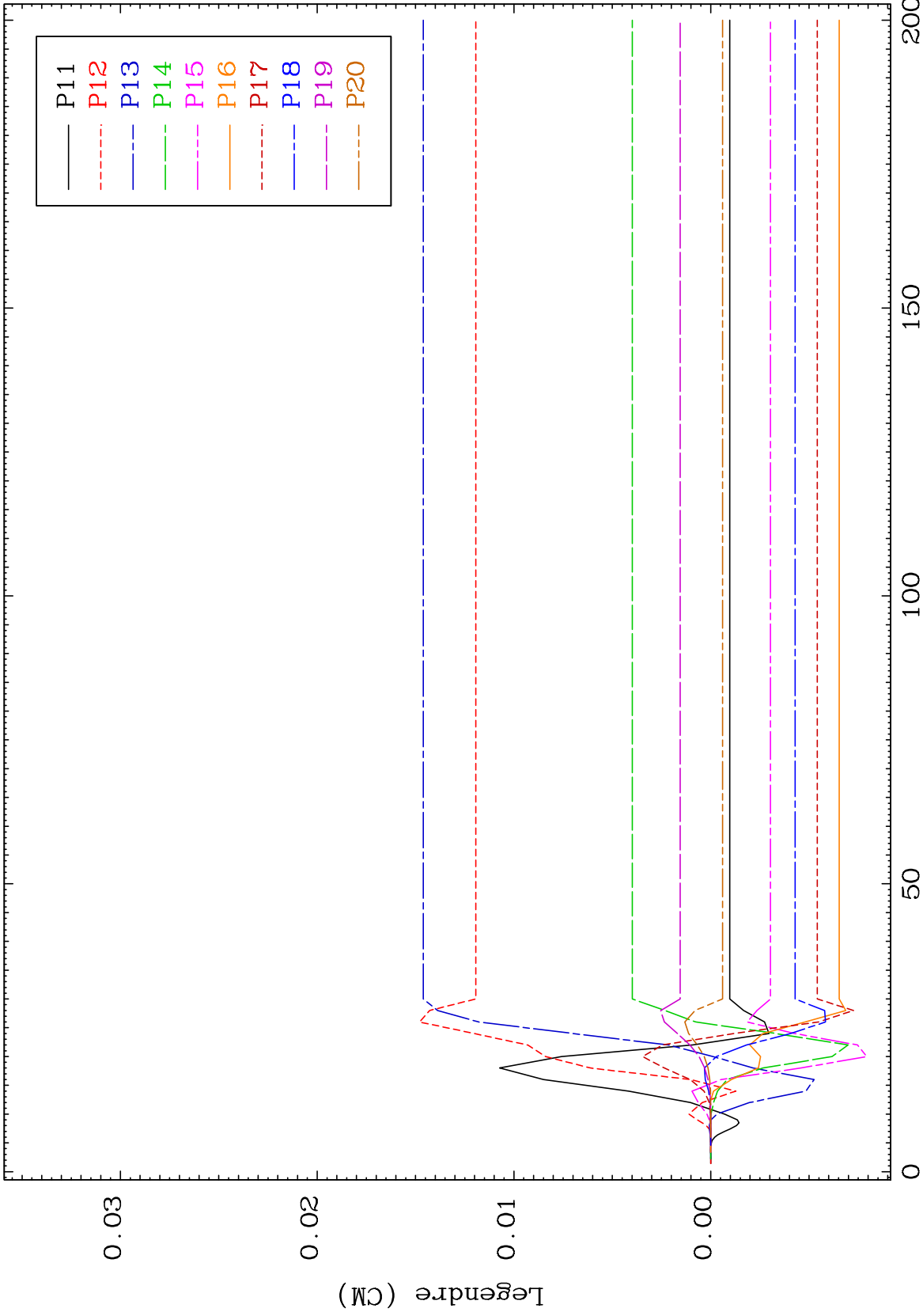
42

78-Pt-185

MAT 7810

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

78-Pt-185



43

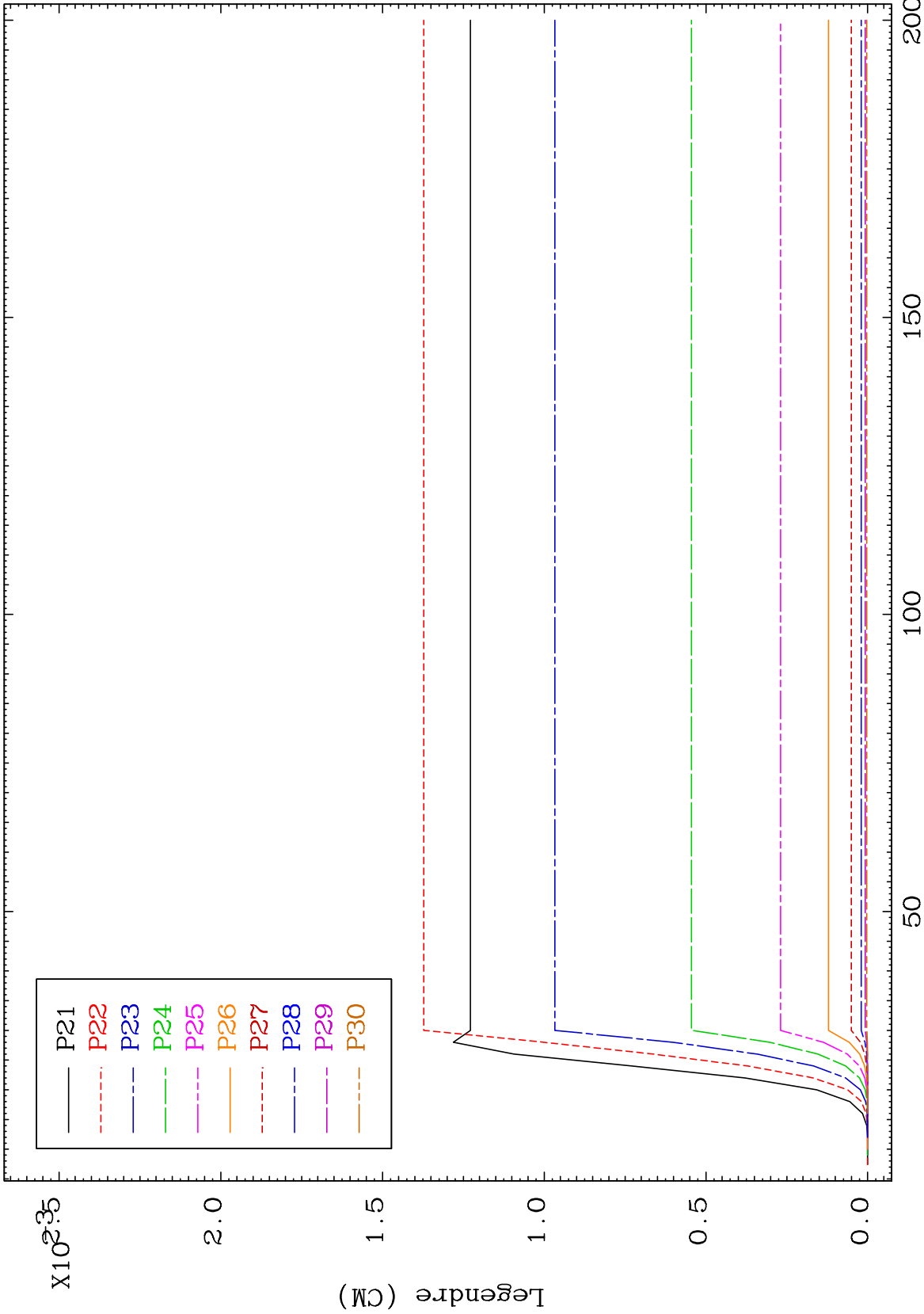
Incident Energy (MeV)

78-Pt-185

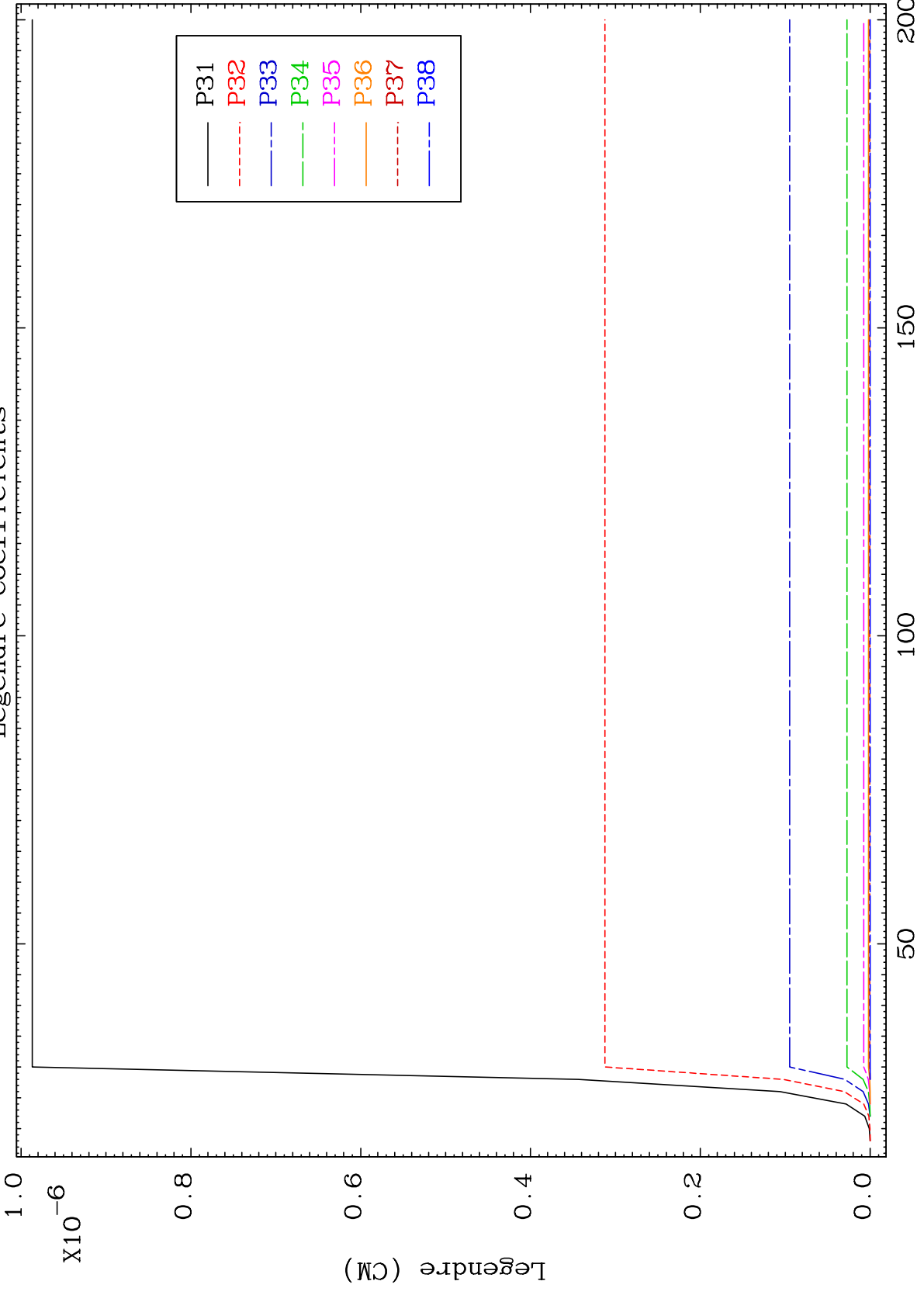
MAT 7810

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

78-Pt-185



MAT 7810 MT= 57 (n,n') Level Legendre Coefficients 78-Pt-185

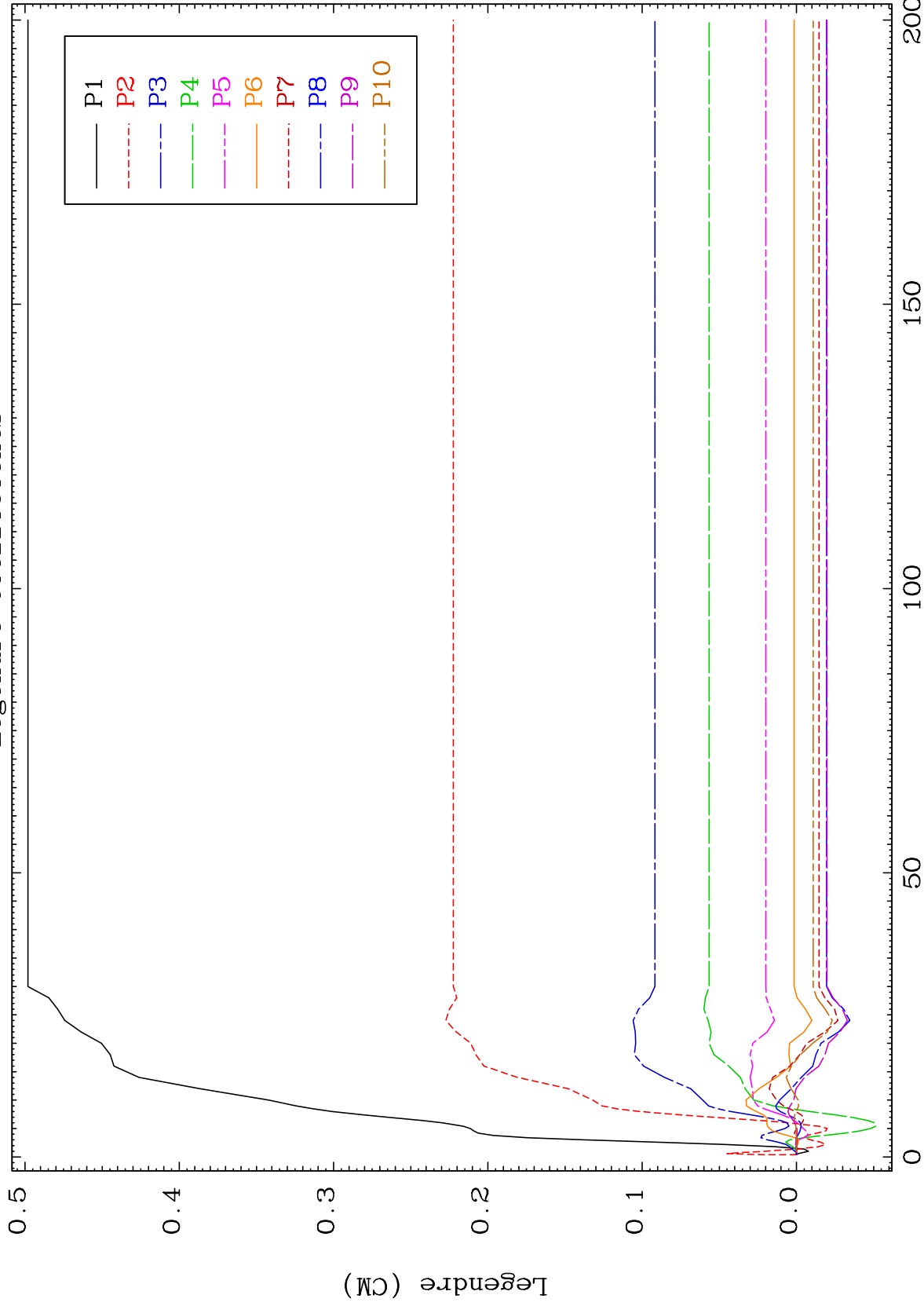


45 50 100 150 200 78-Pt-185

MAT 7810

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

78-Pt-185



46

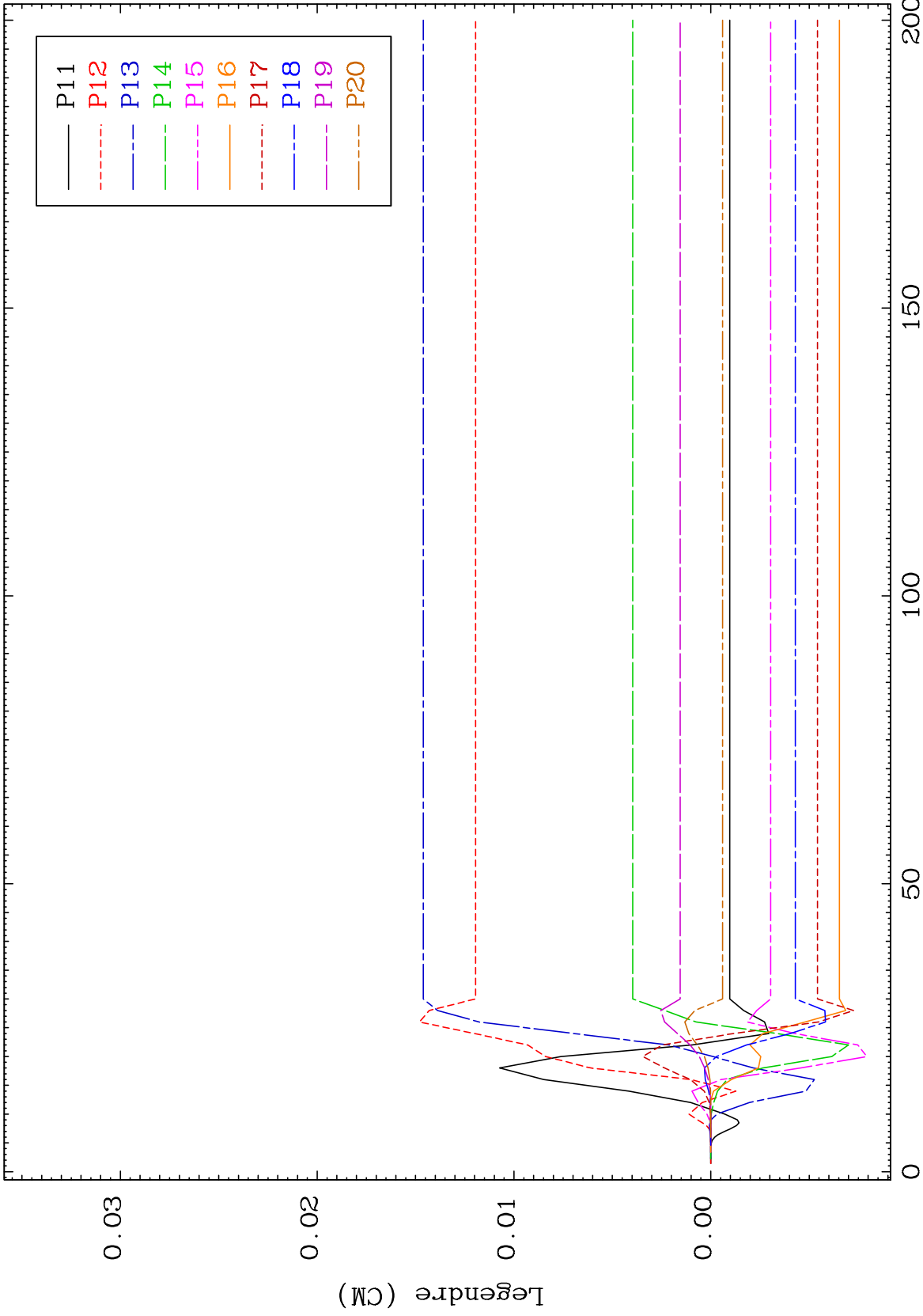
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



47

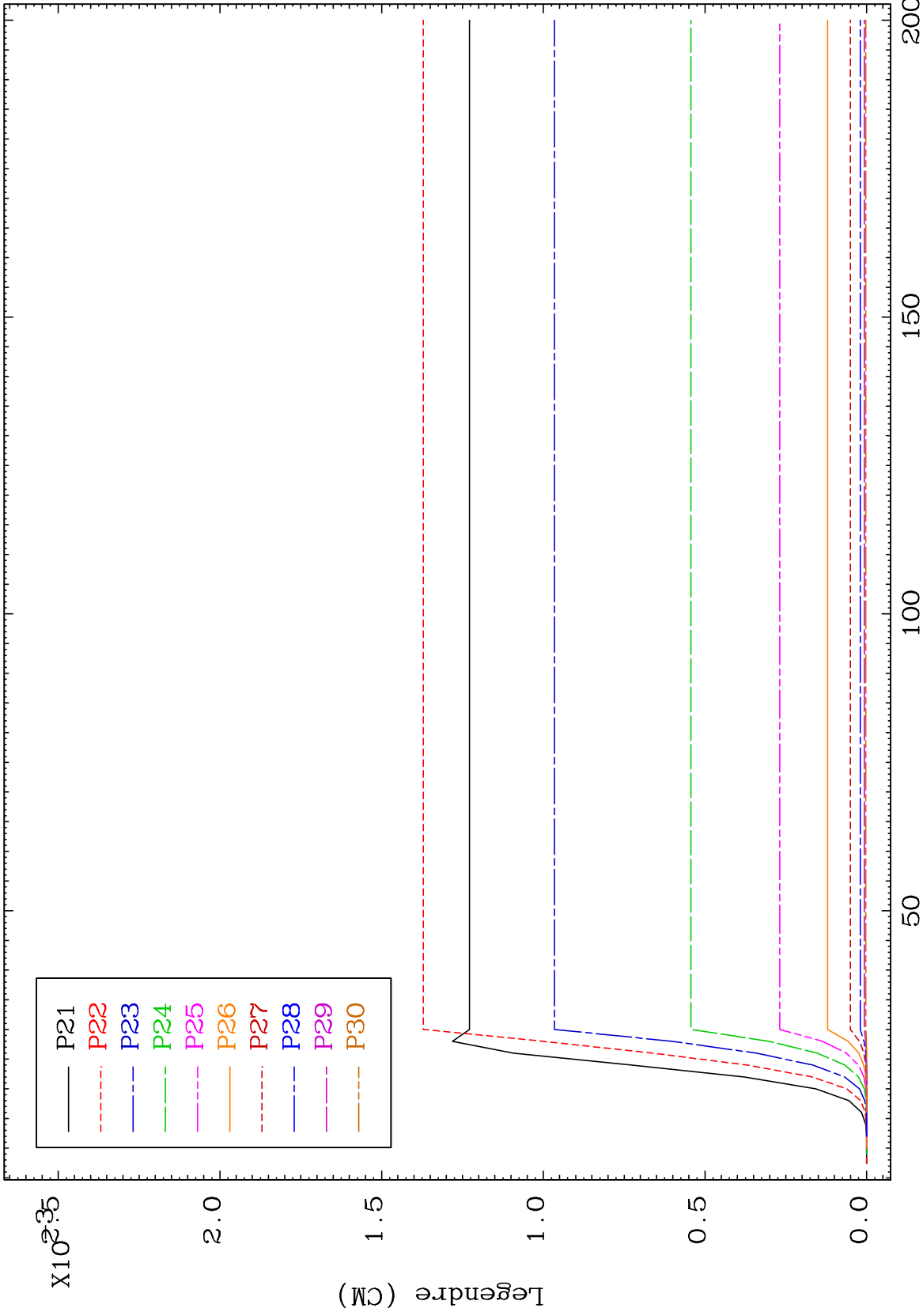
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

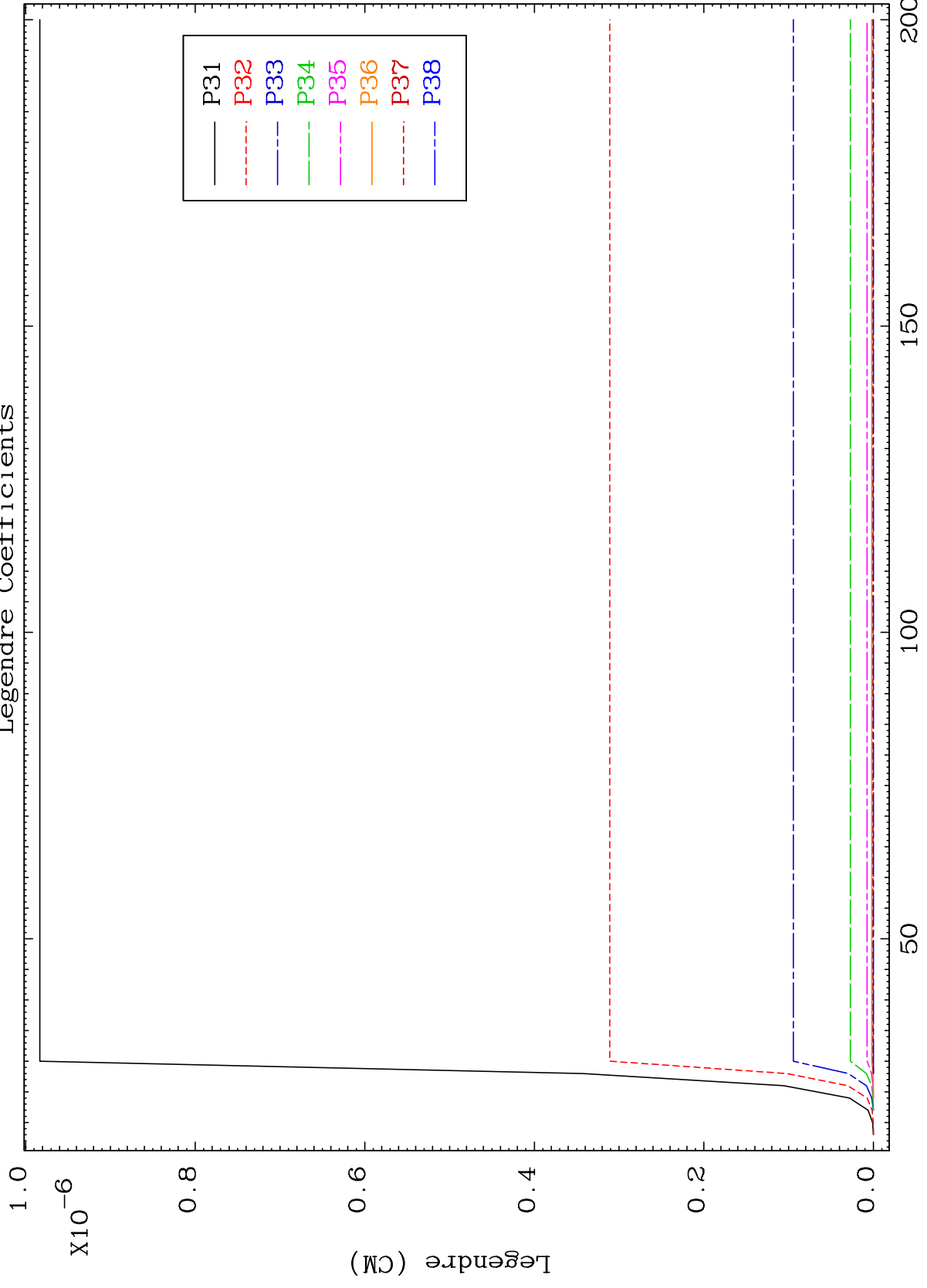
78-Pt-185



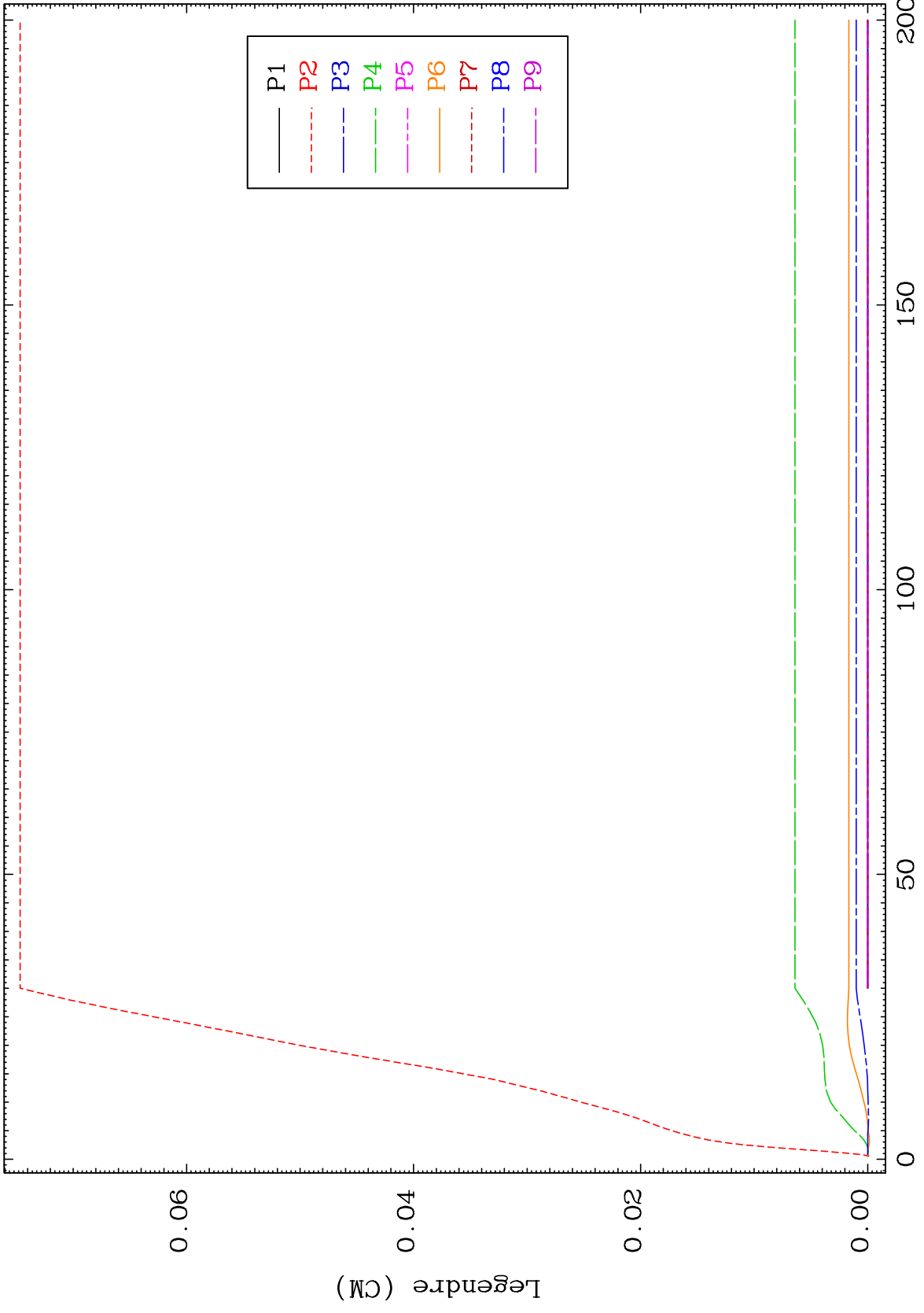
48

Incident Energy (MeV)

78-Pt-185



MAT 7810 MT= 59 (n,n') Level Legendre Coefficients 78-Pt-185

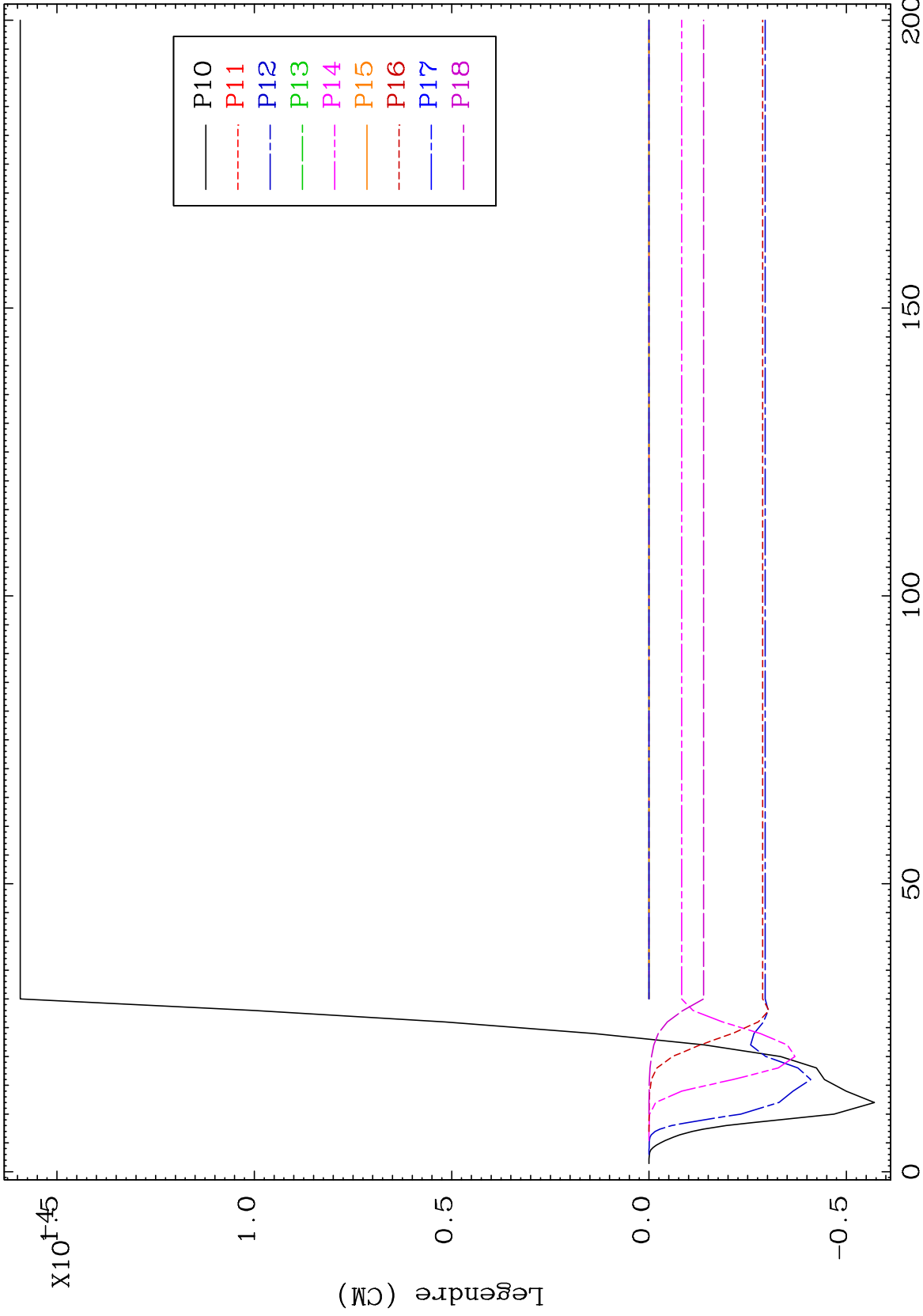


Incident Energy (MeV) 78-Pt-185

MAT 7810

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

78-Pt-185

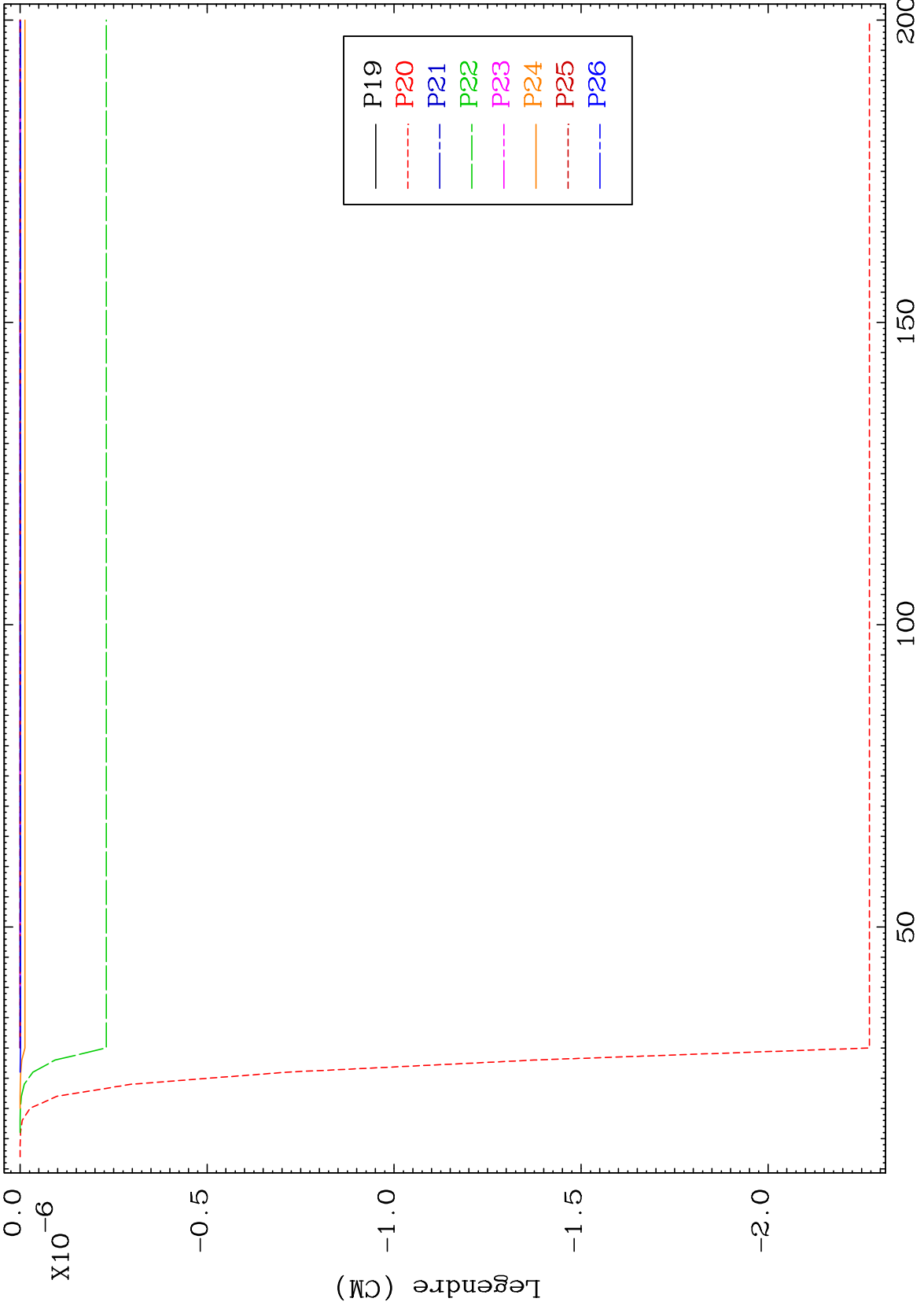


51

Incident Energy (MeV)

78-Pt-185

MAT 7810 MT= 59 (n,n') Level Legendre Coefficients 78-Pt-185

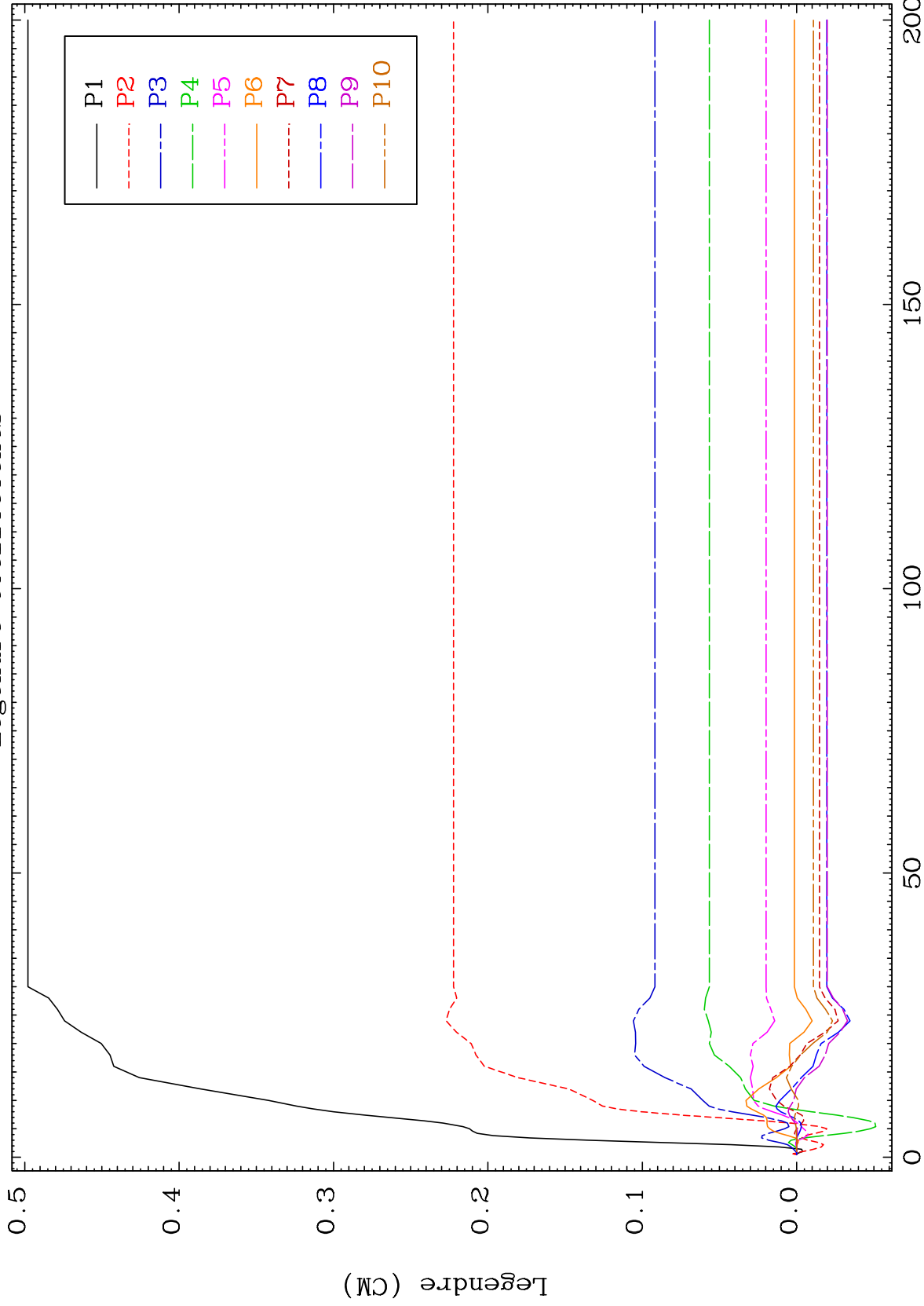


52 78-Pt-185

MAT 7810

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

78-Pt-185



53

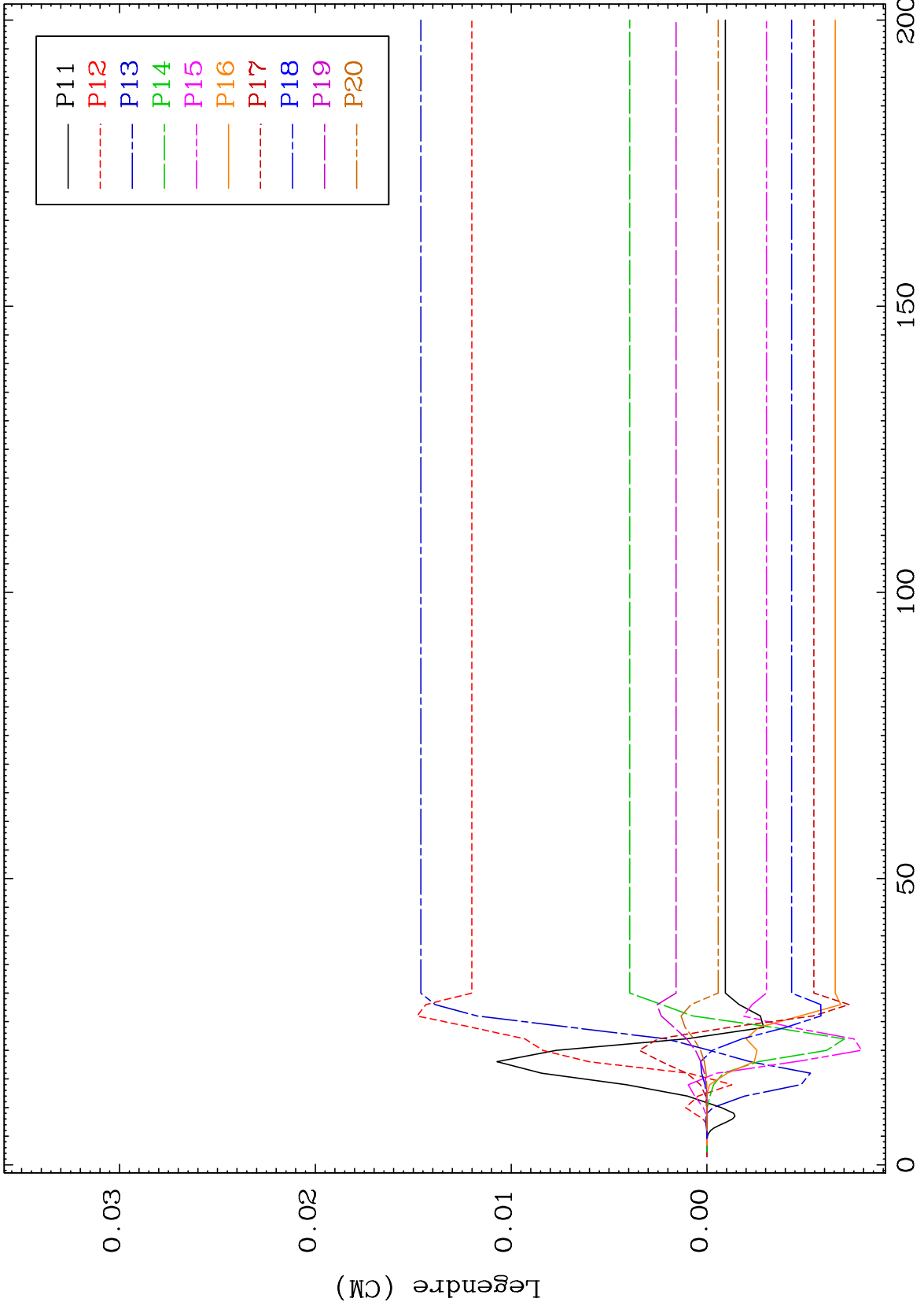
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



54

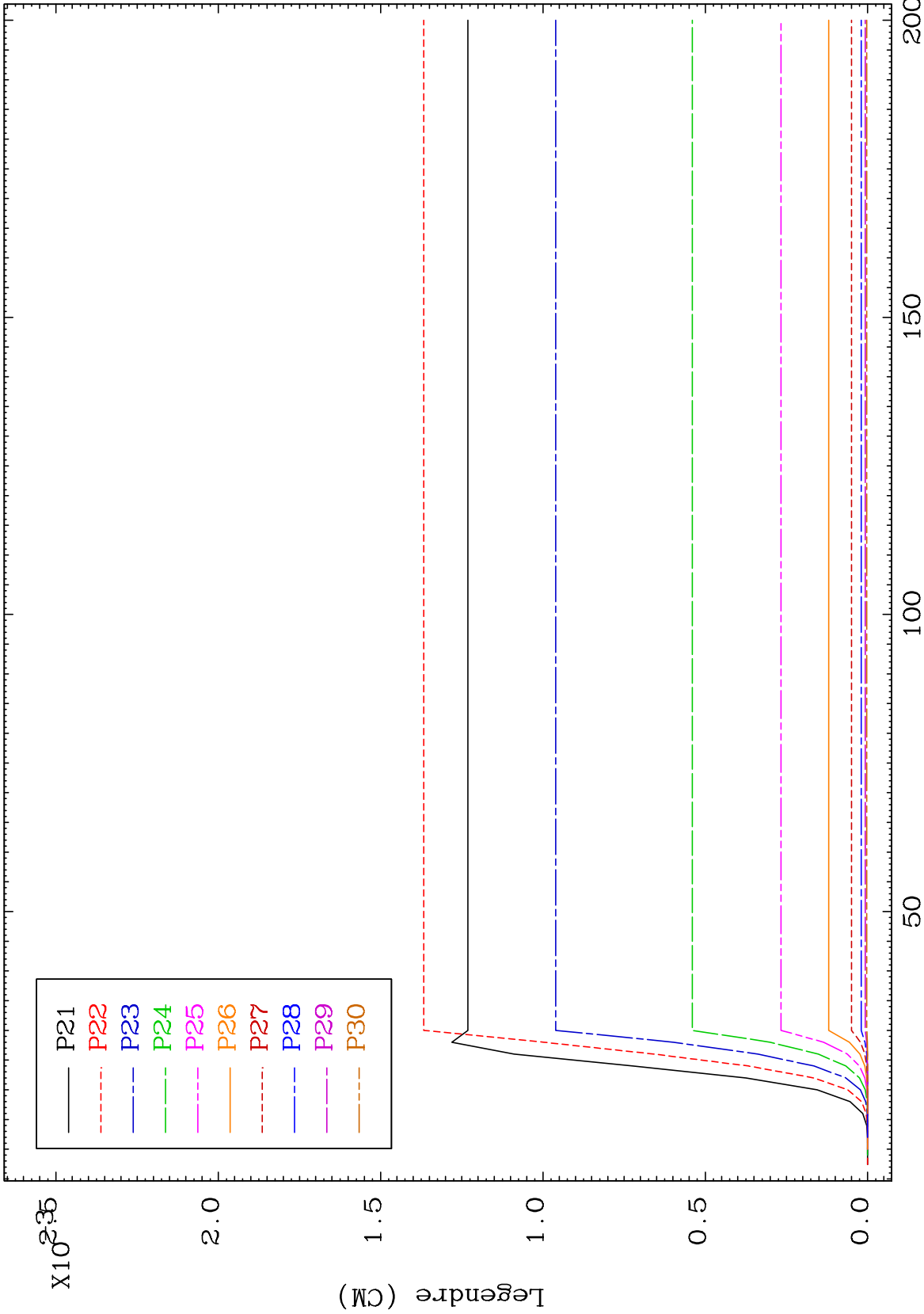
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



55

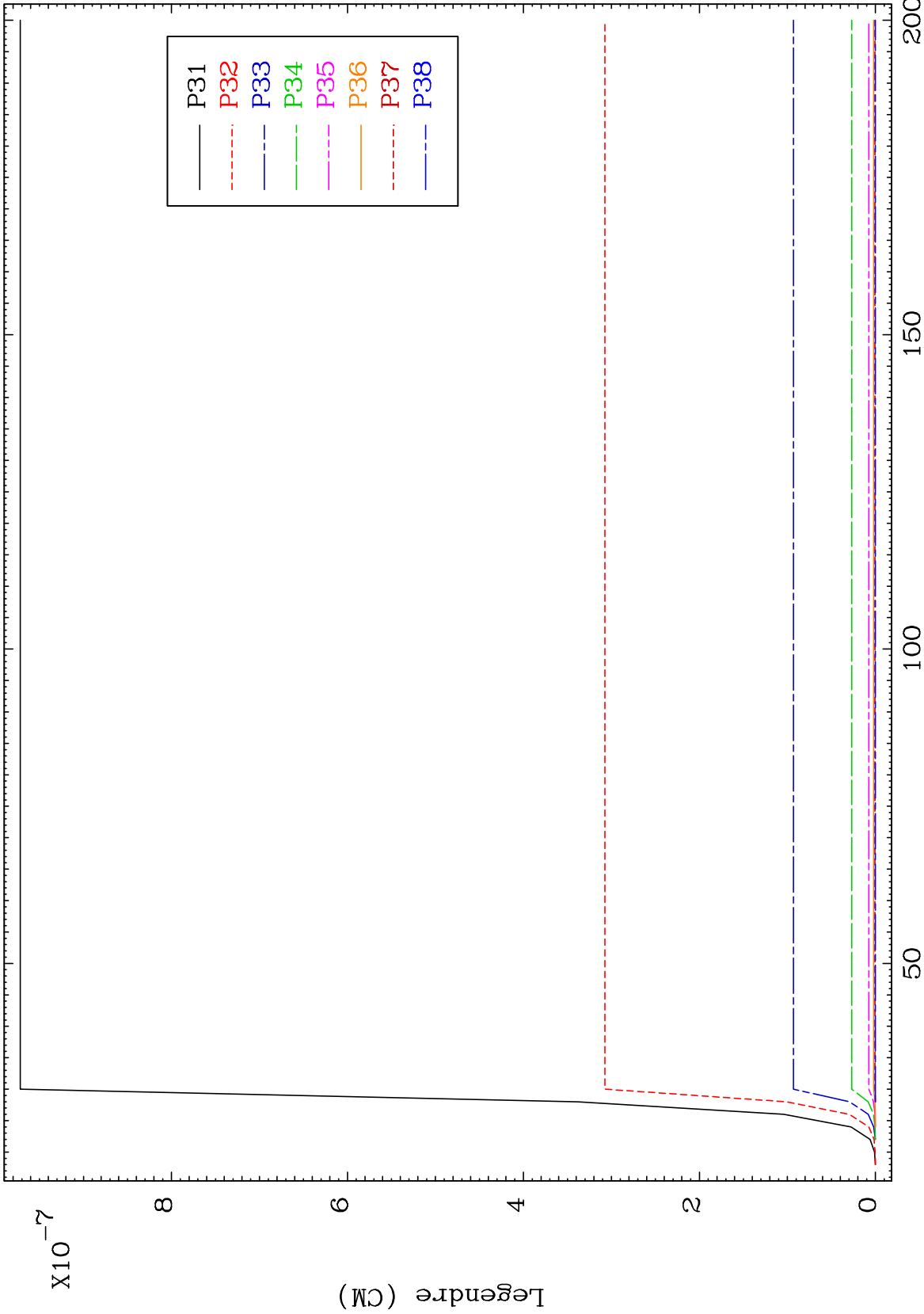
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185

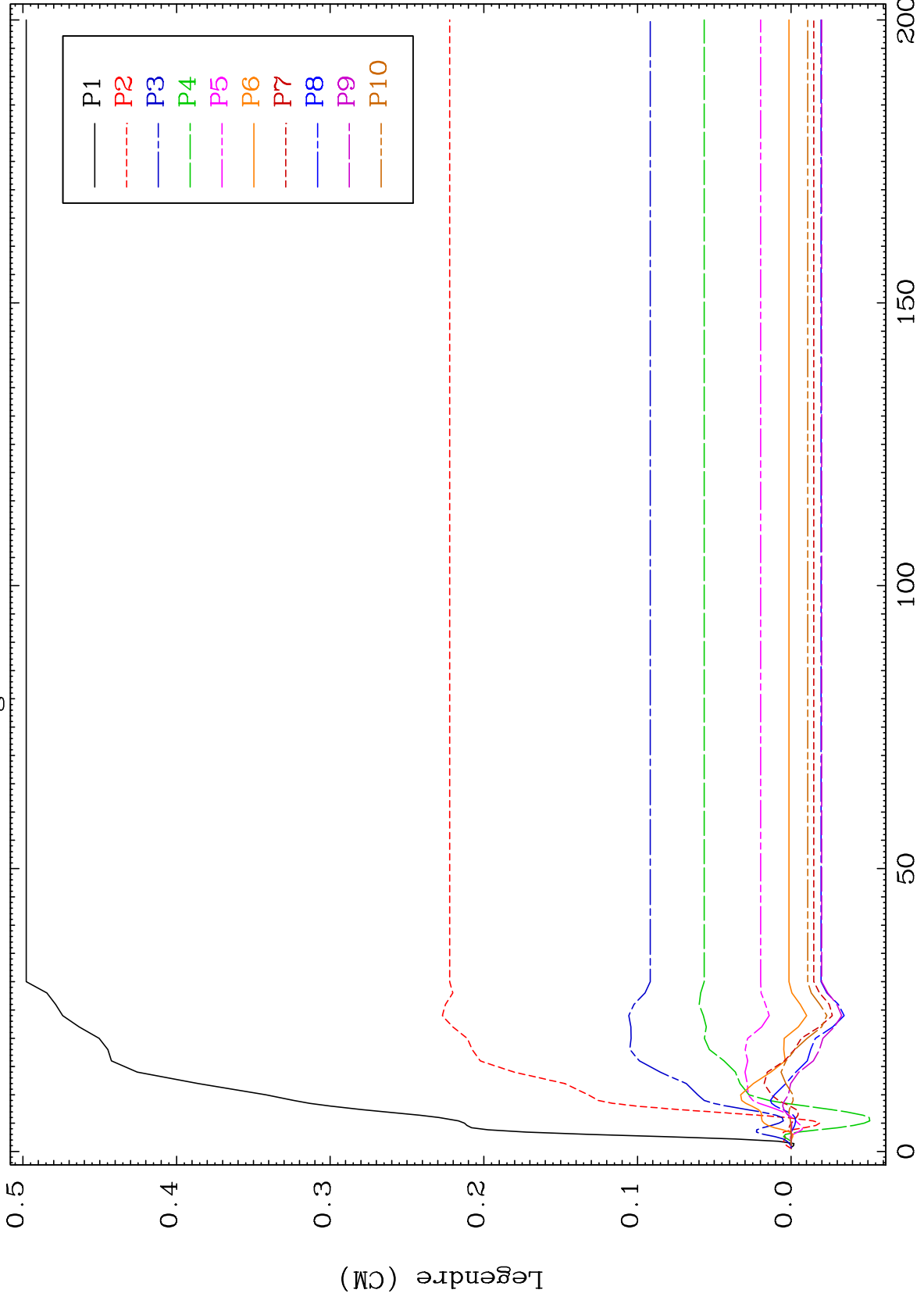


56

Incident Energy (MeV)

78-Pt-185

MAT 7810 MT= 61 (n,n') Level Legendre Coefficients 78-Pt-185

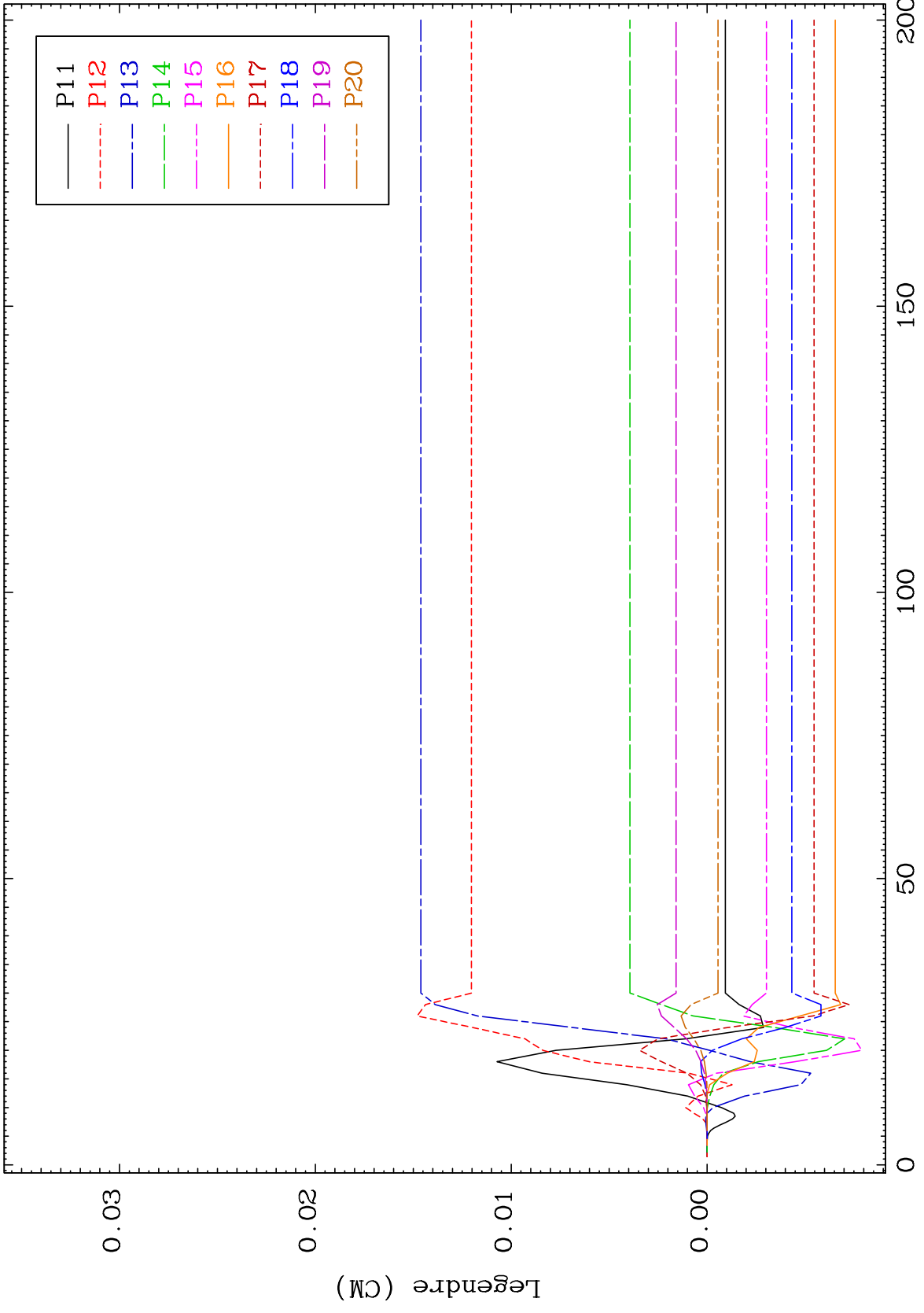


57 78-Pt-185

MAT 7810

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

78-Pt-185



58

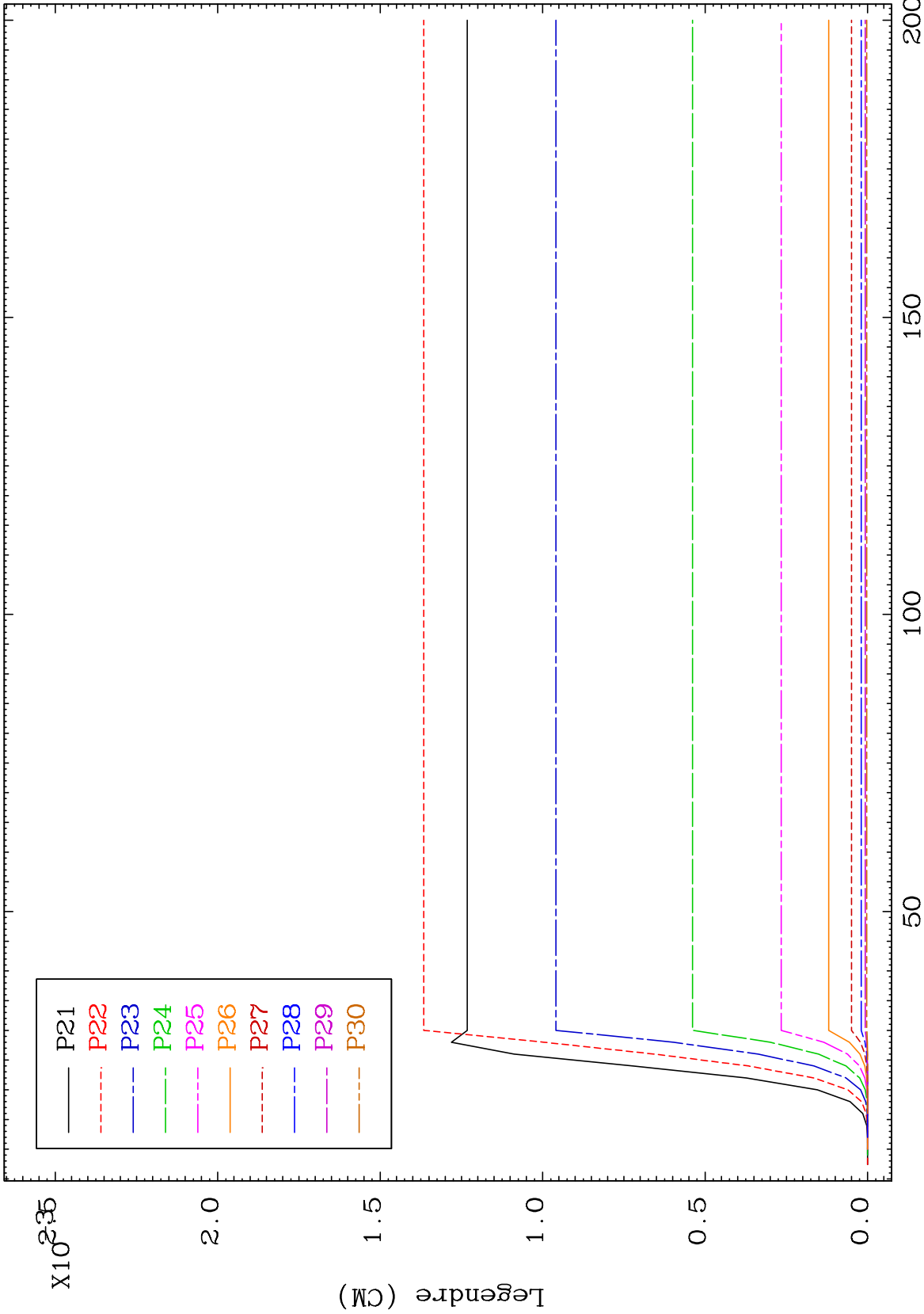
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



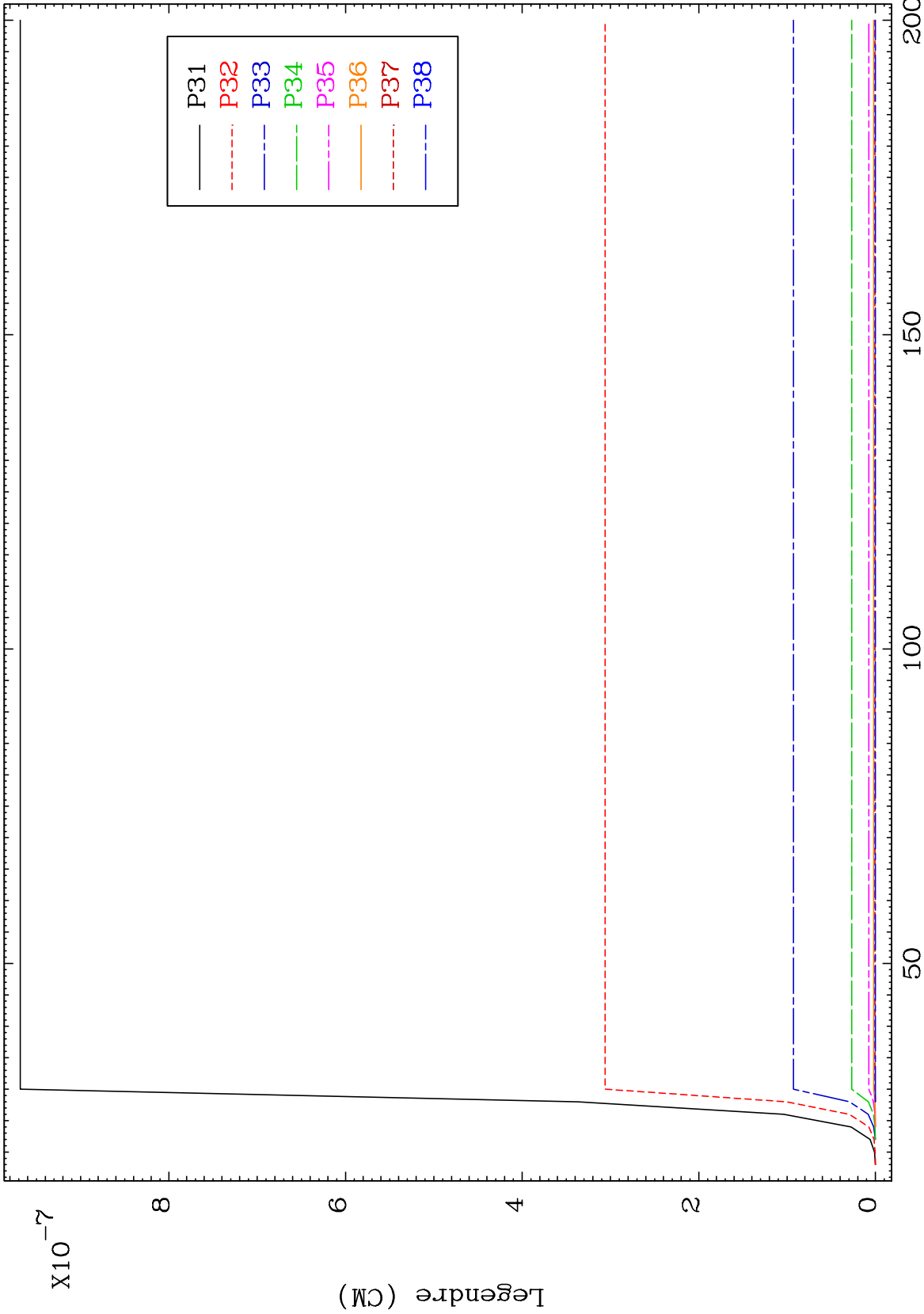
59

78-Pt-185

MAT 7810

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

78-Pt-185



60

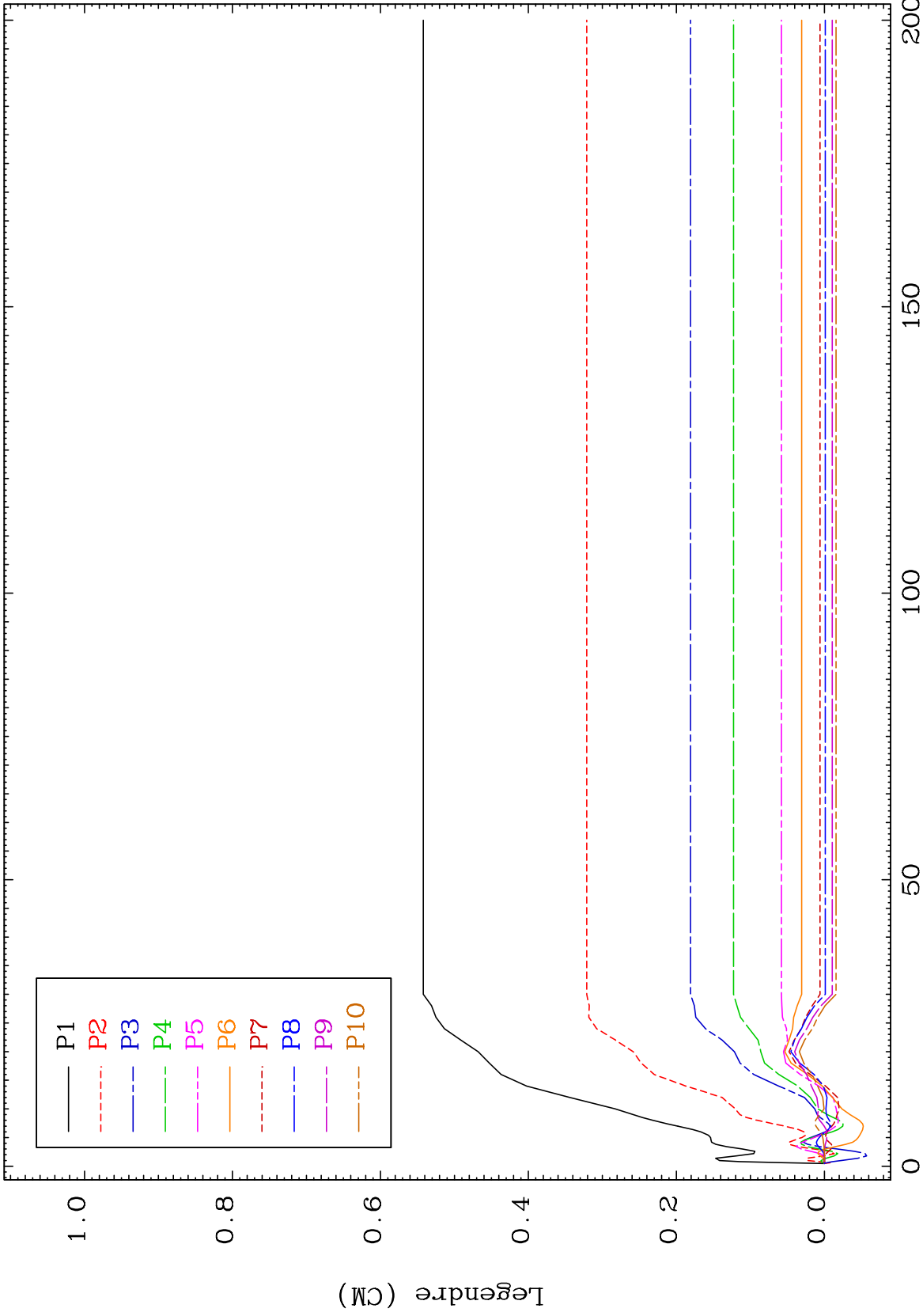
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



61

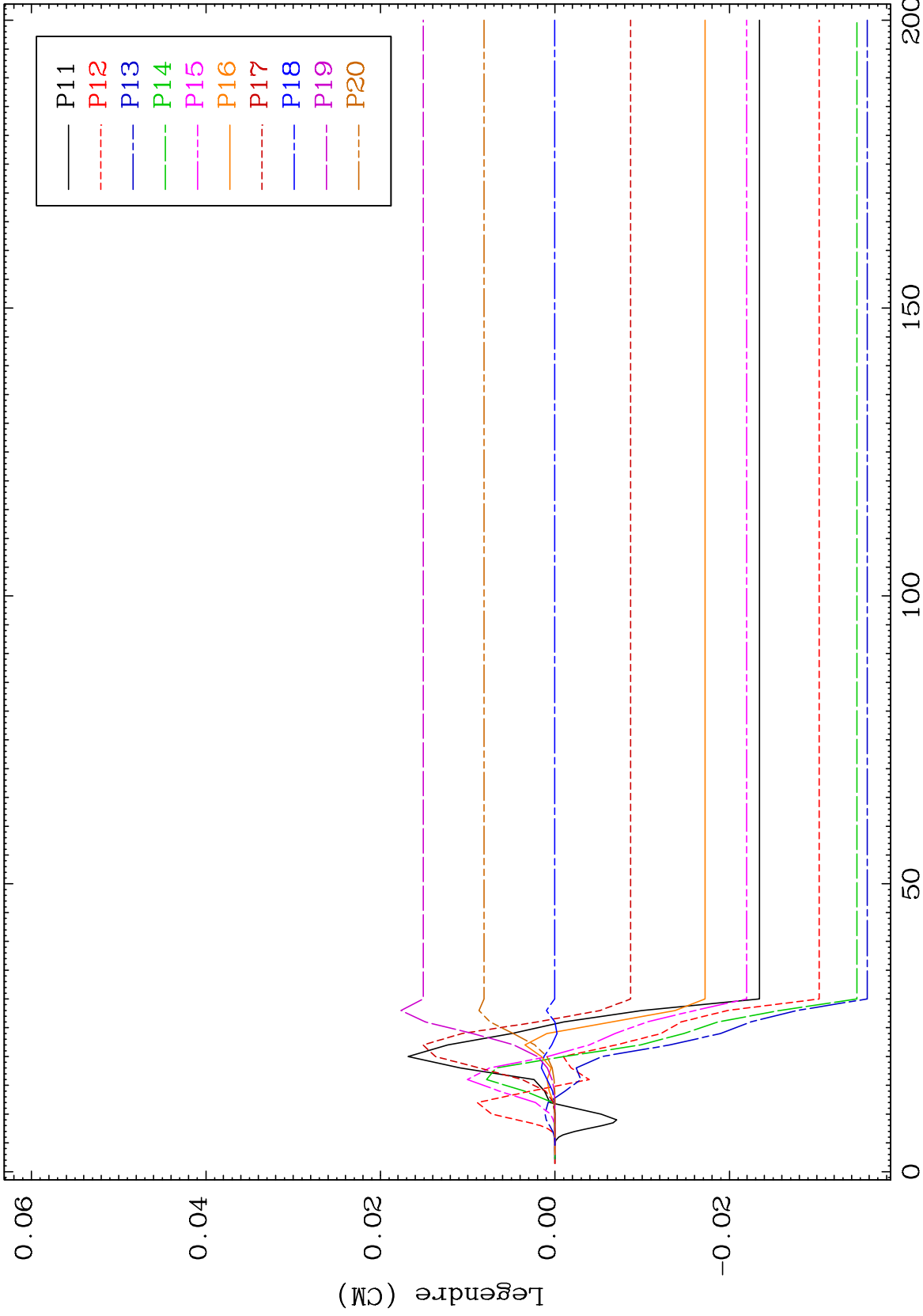
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



62

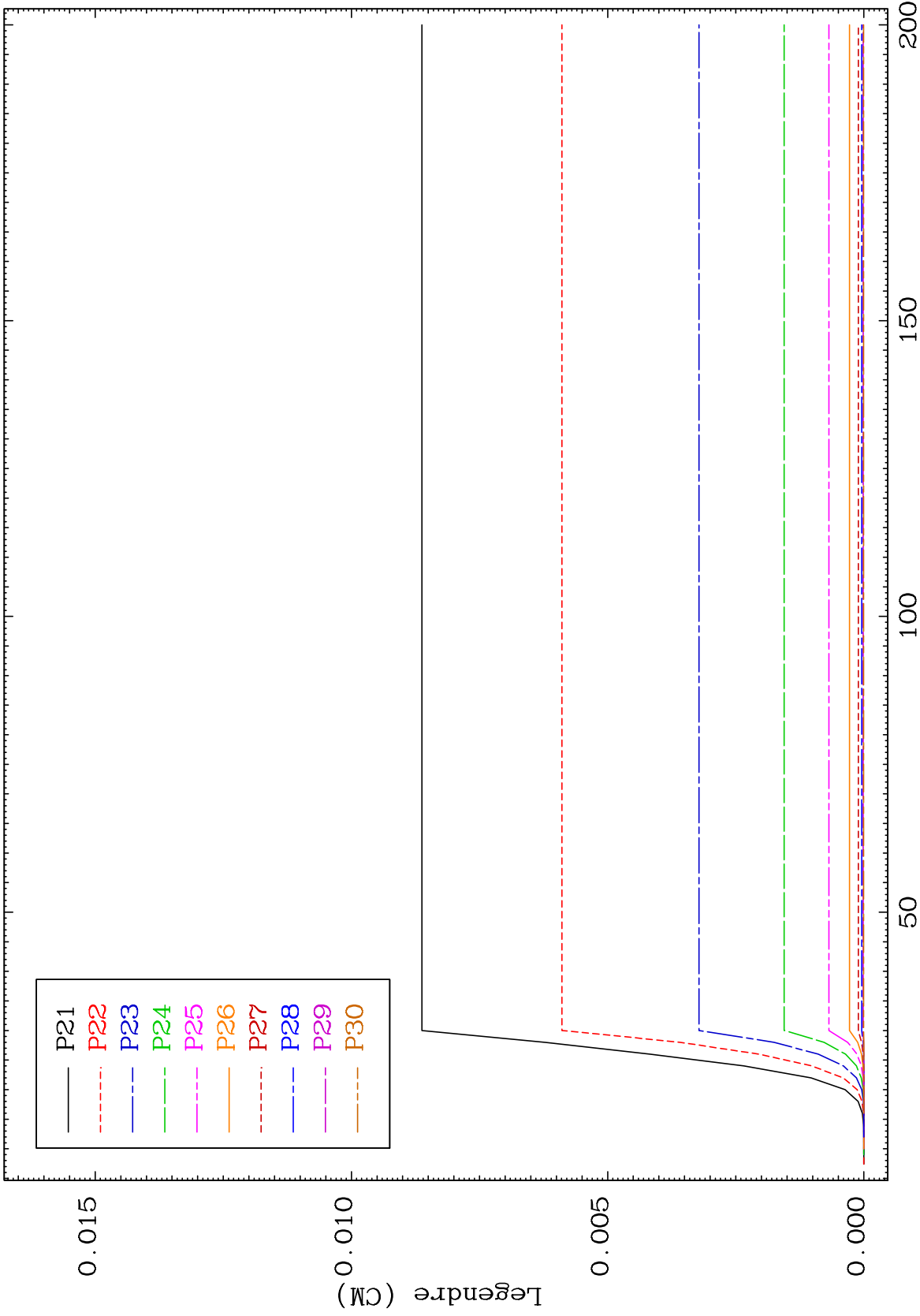
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



63

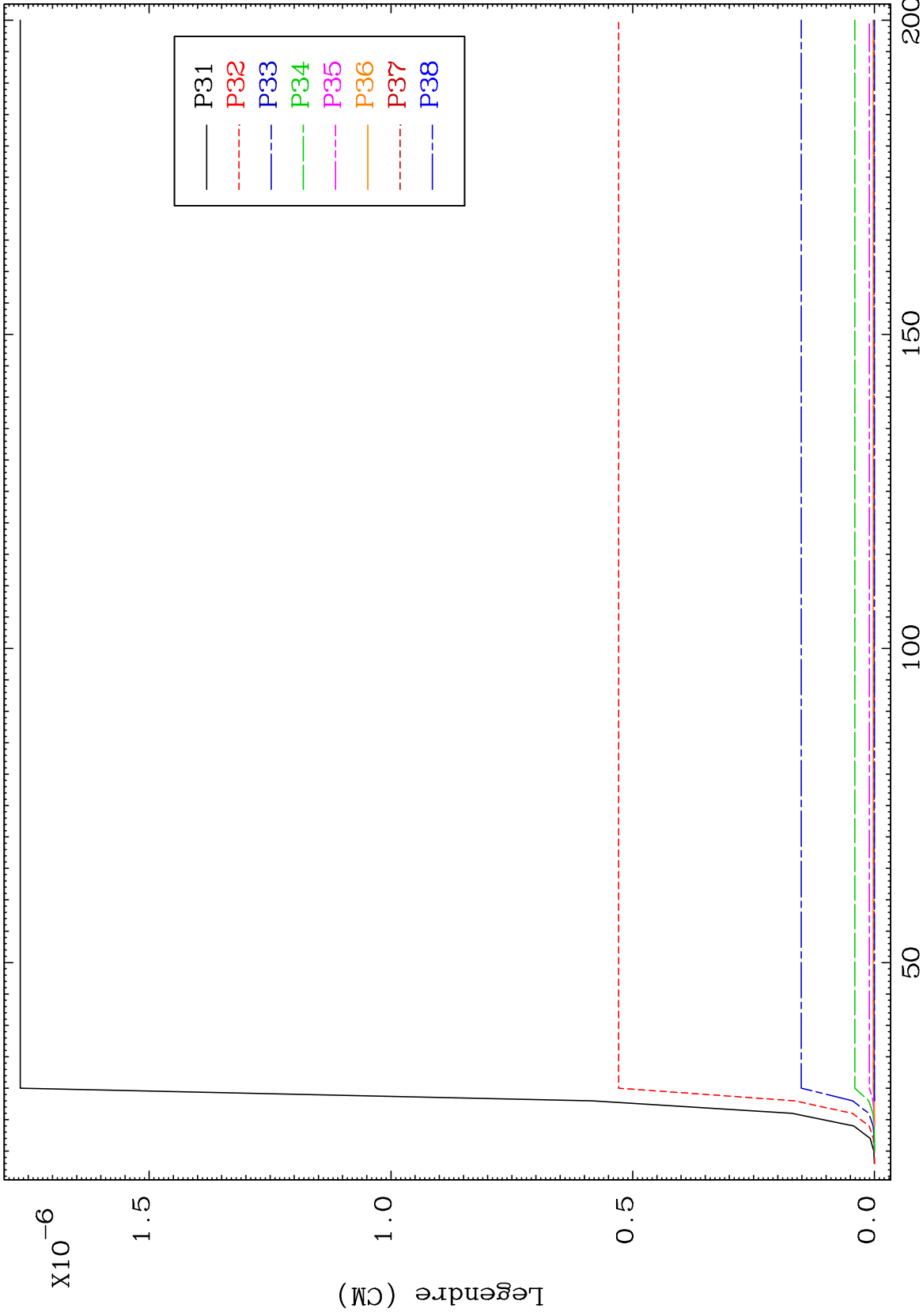
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



64

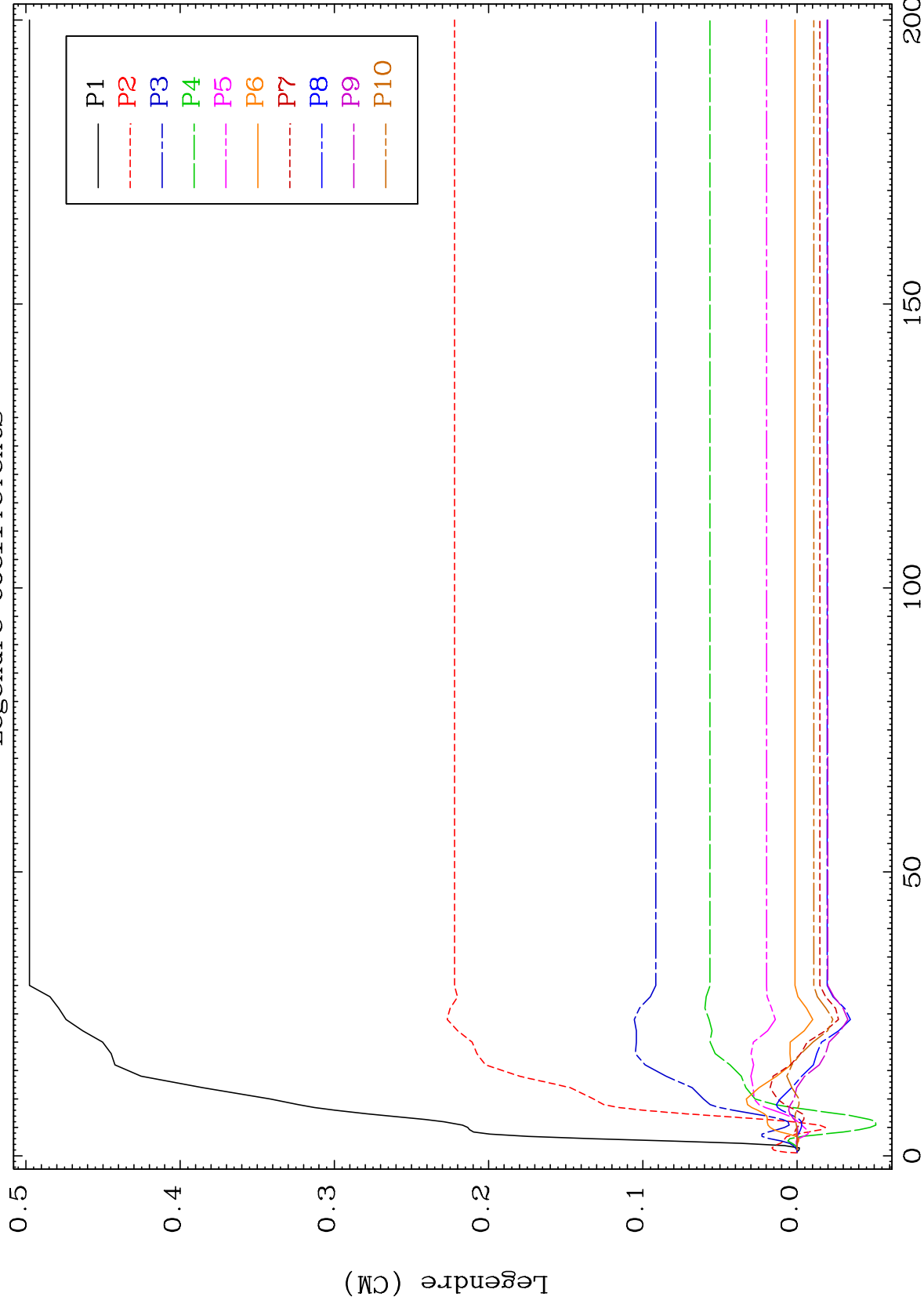
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



65

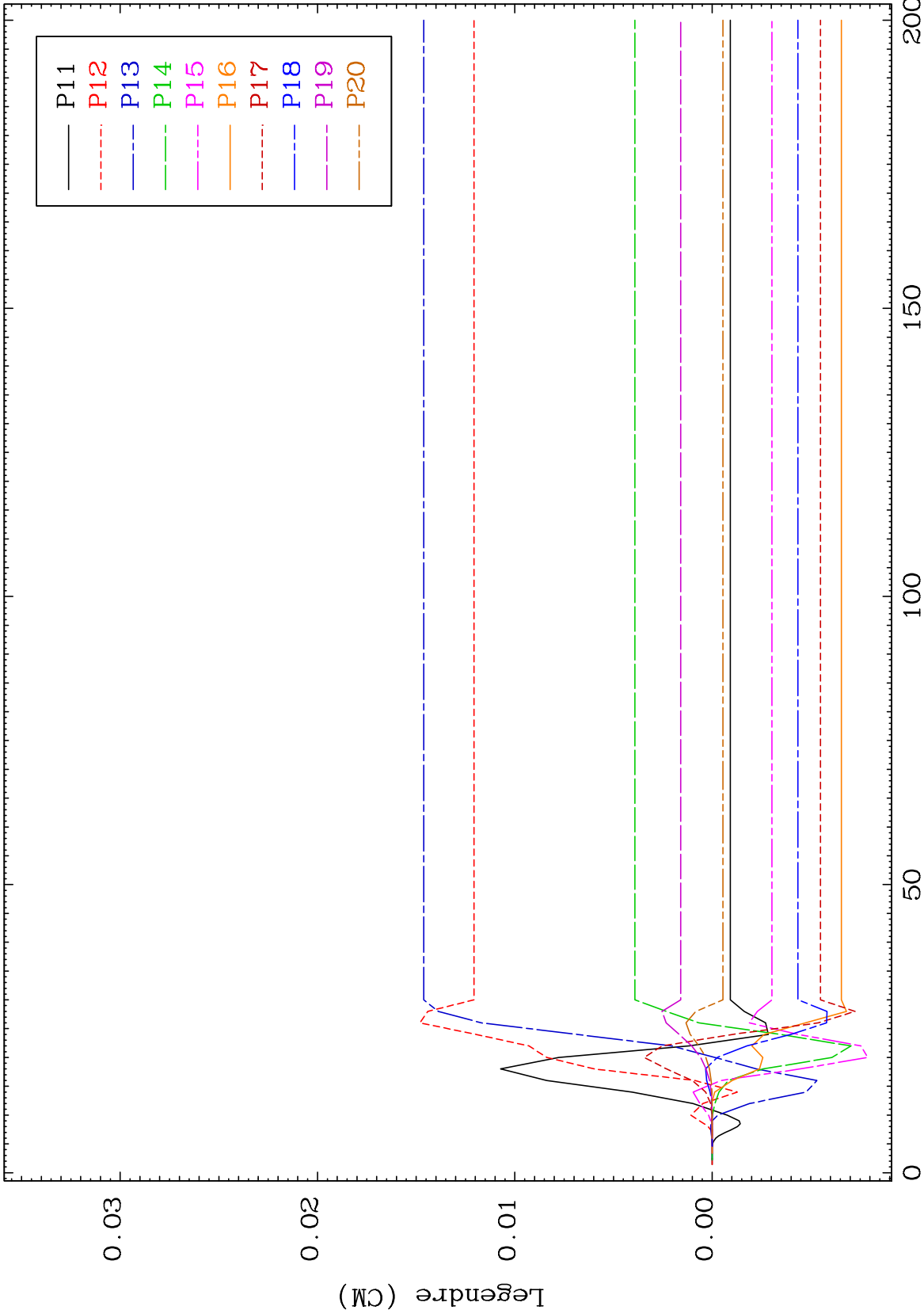
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



66

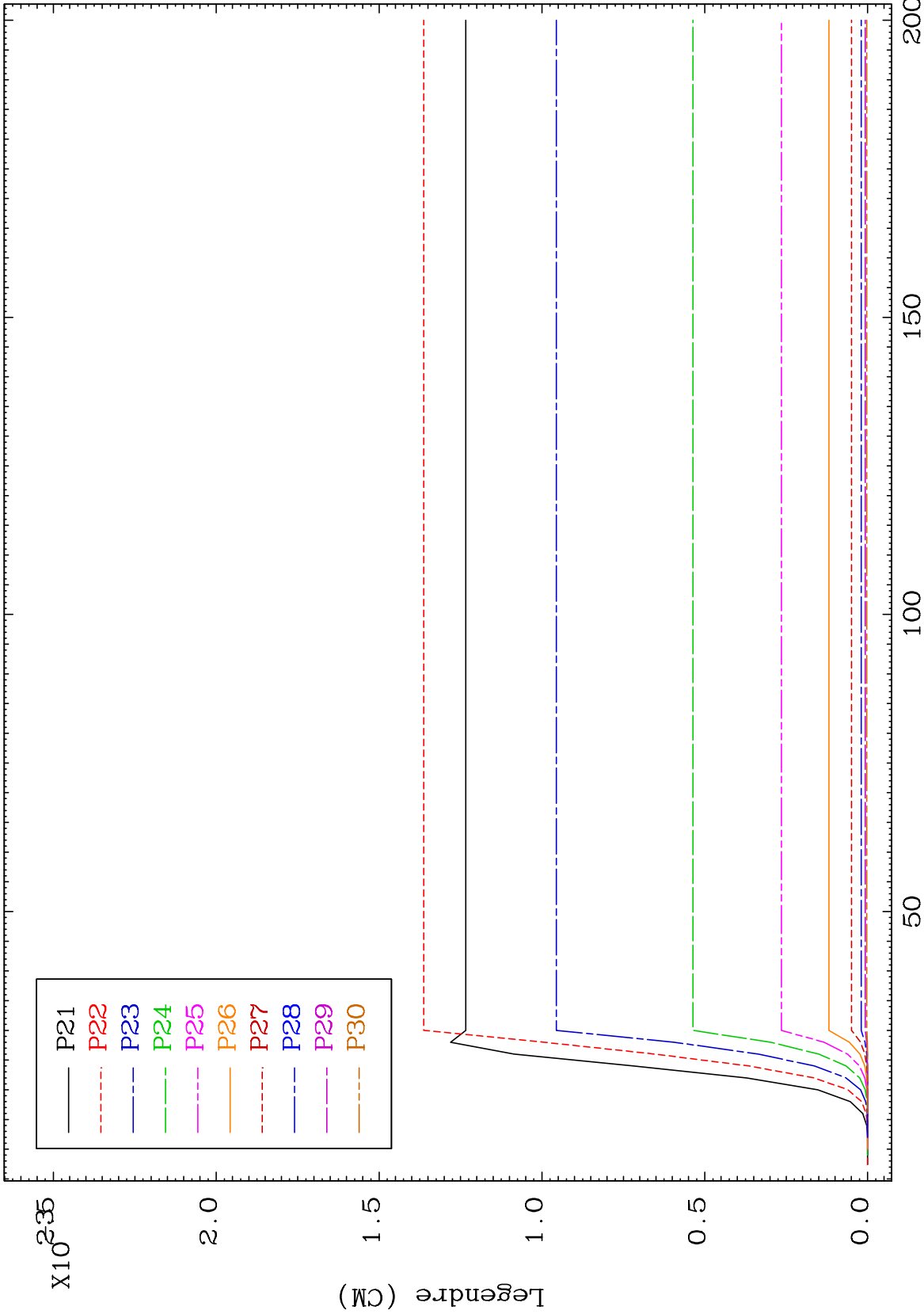
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



67

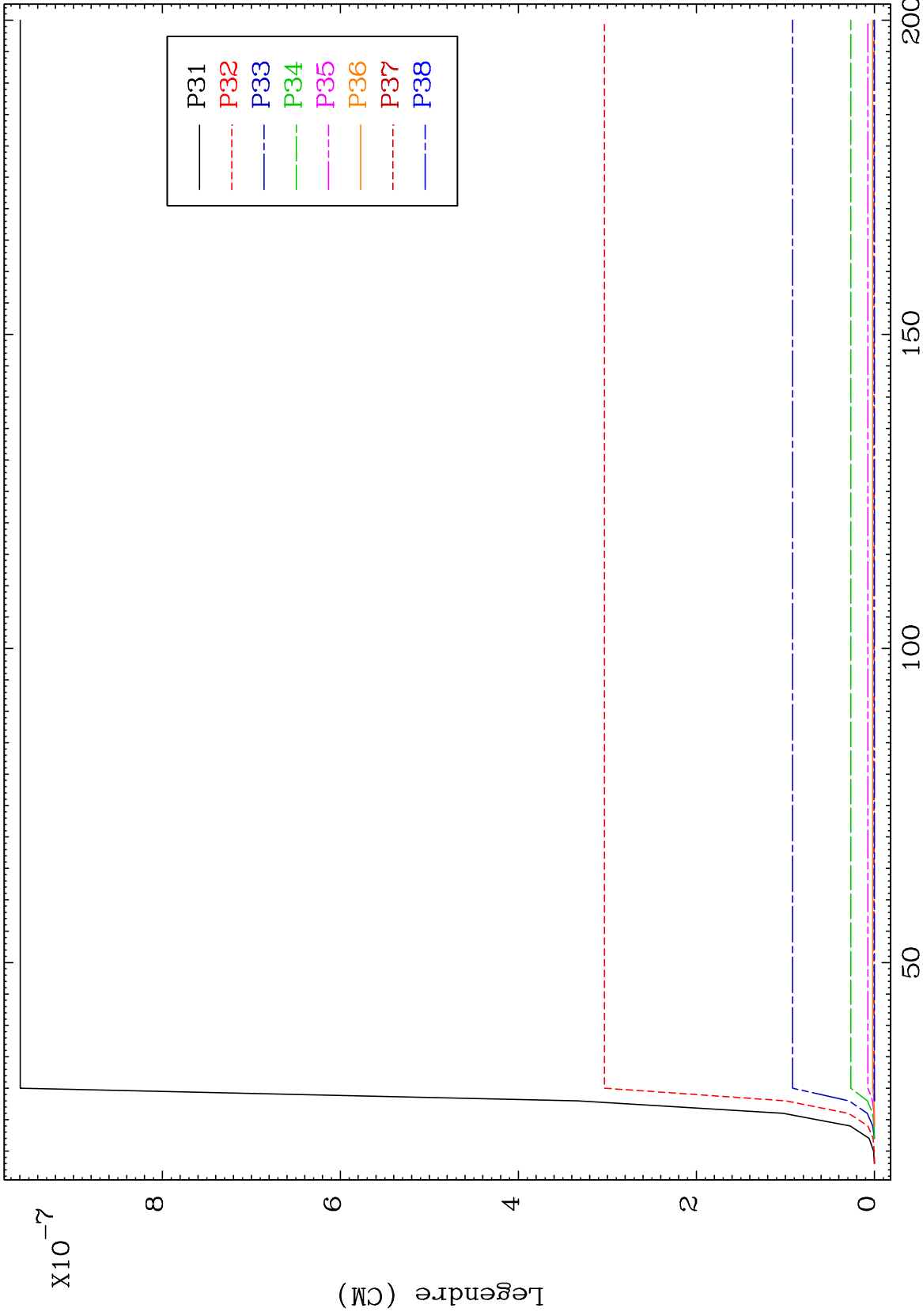
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



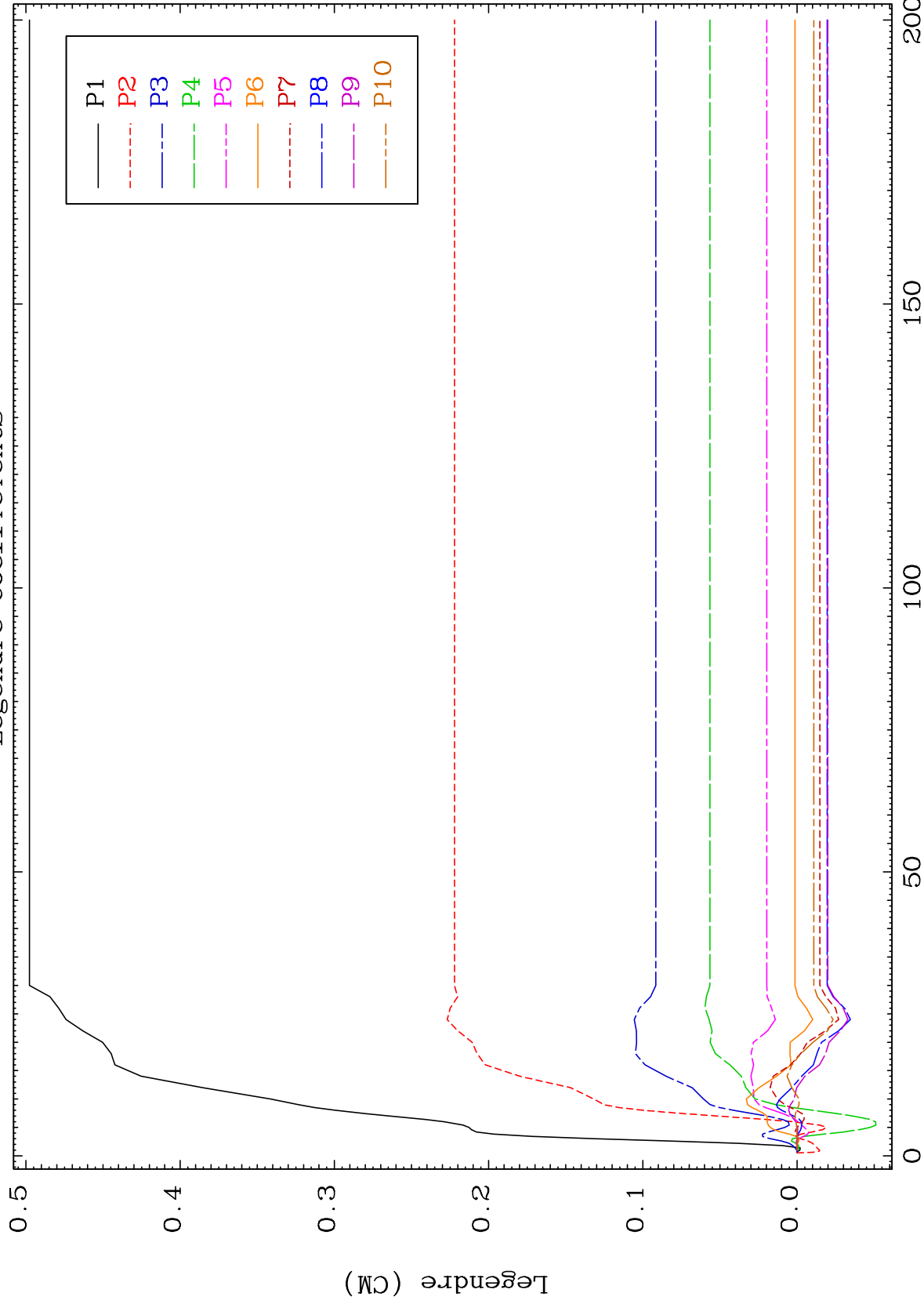
68

78-Pt-185

MAT 7810

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

78-Pt-185



69

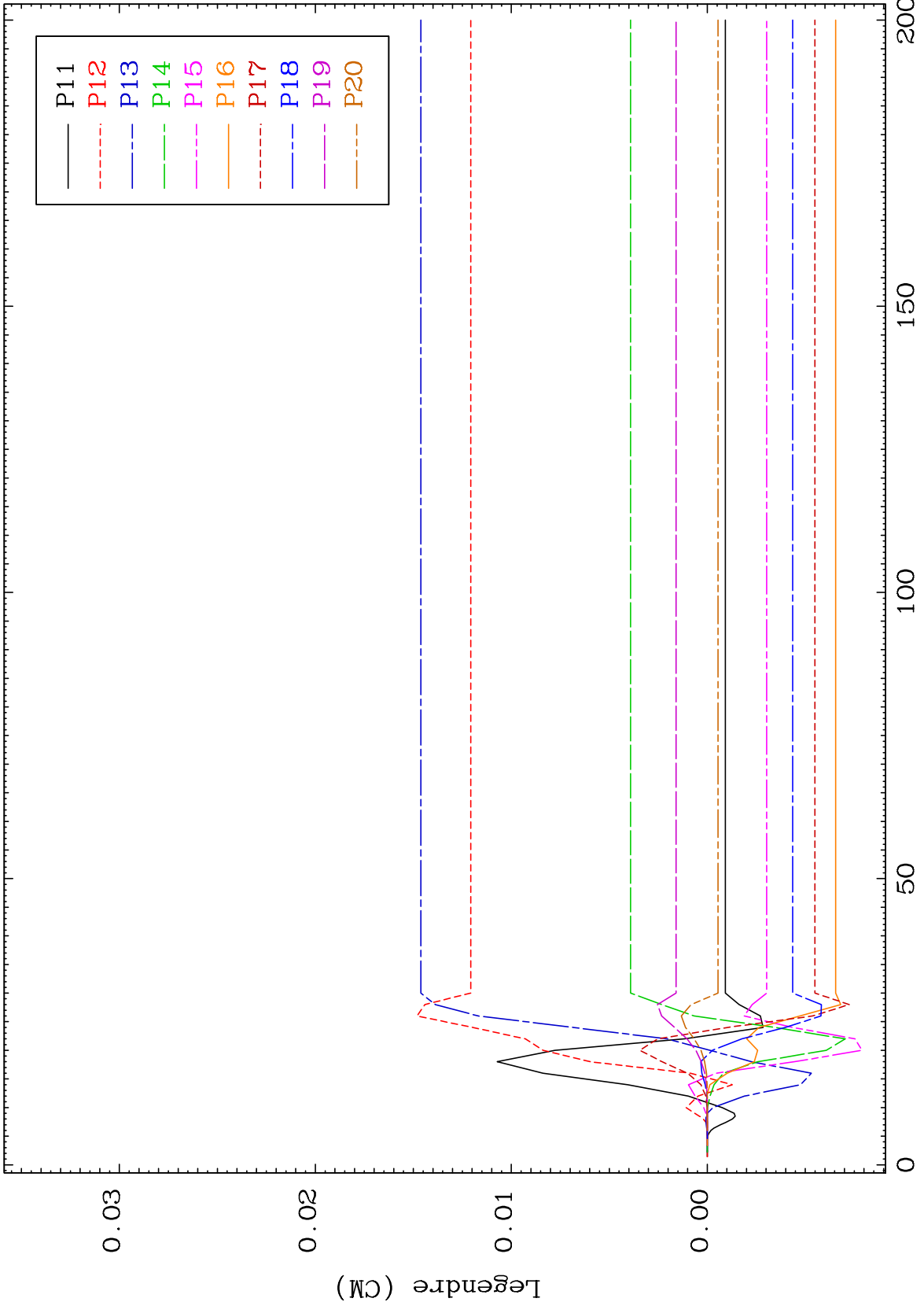
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



70

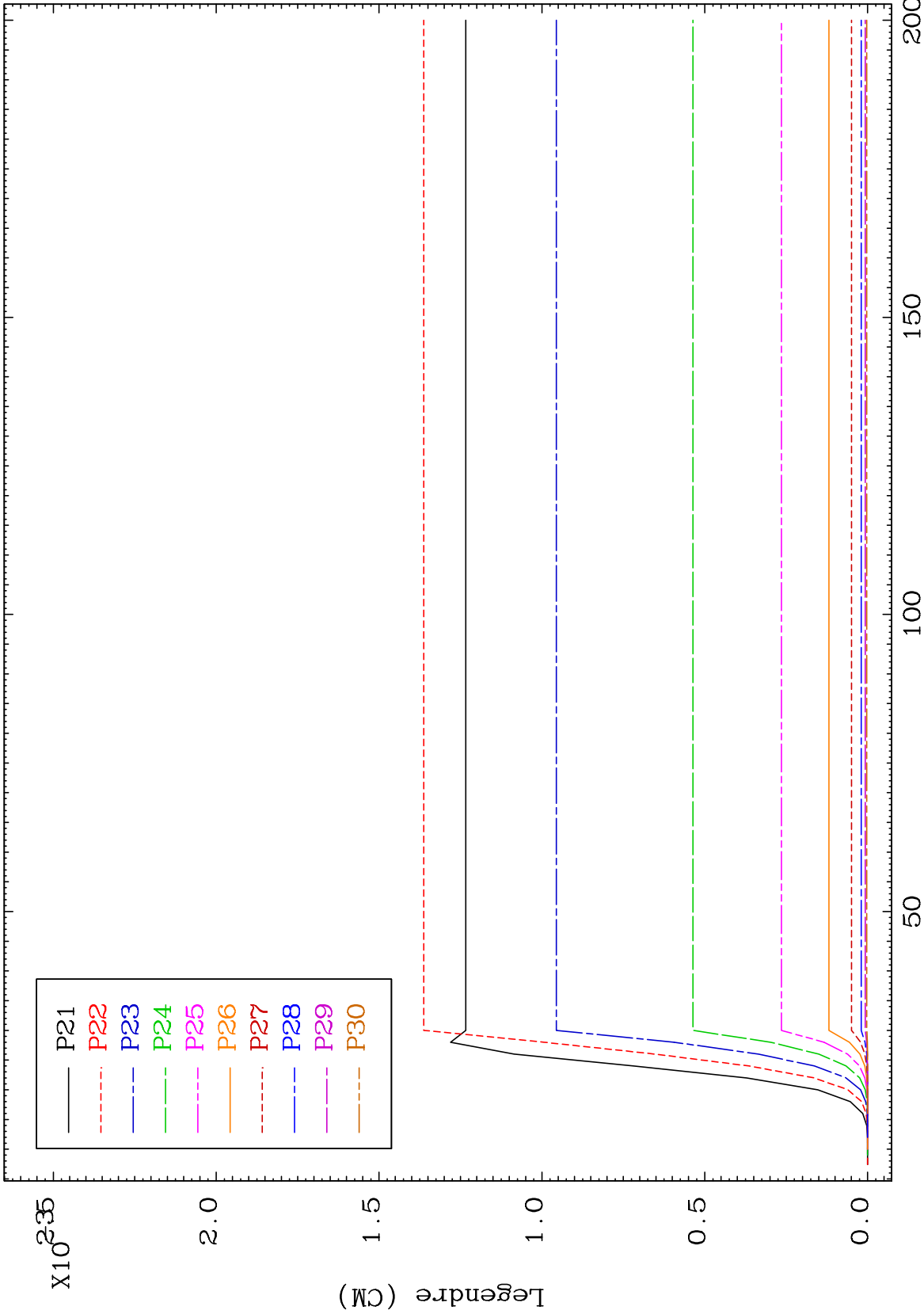
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



71

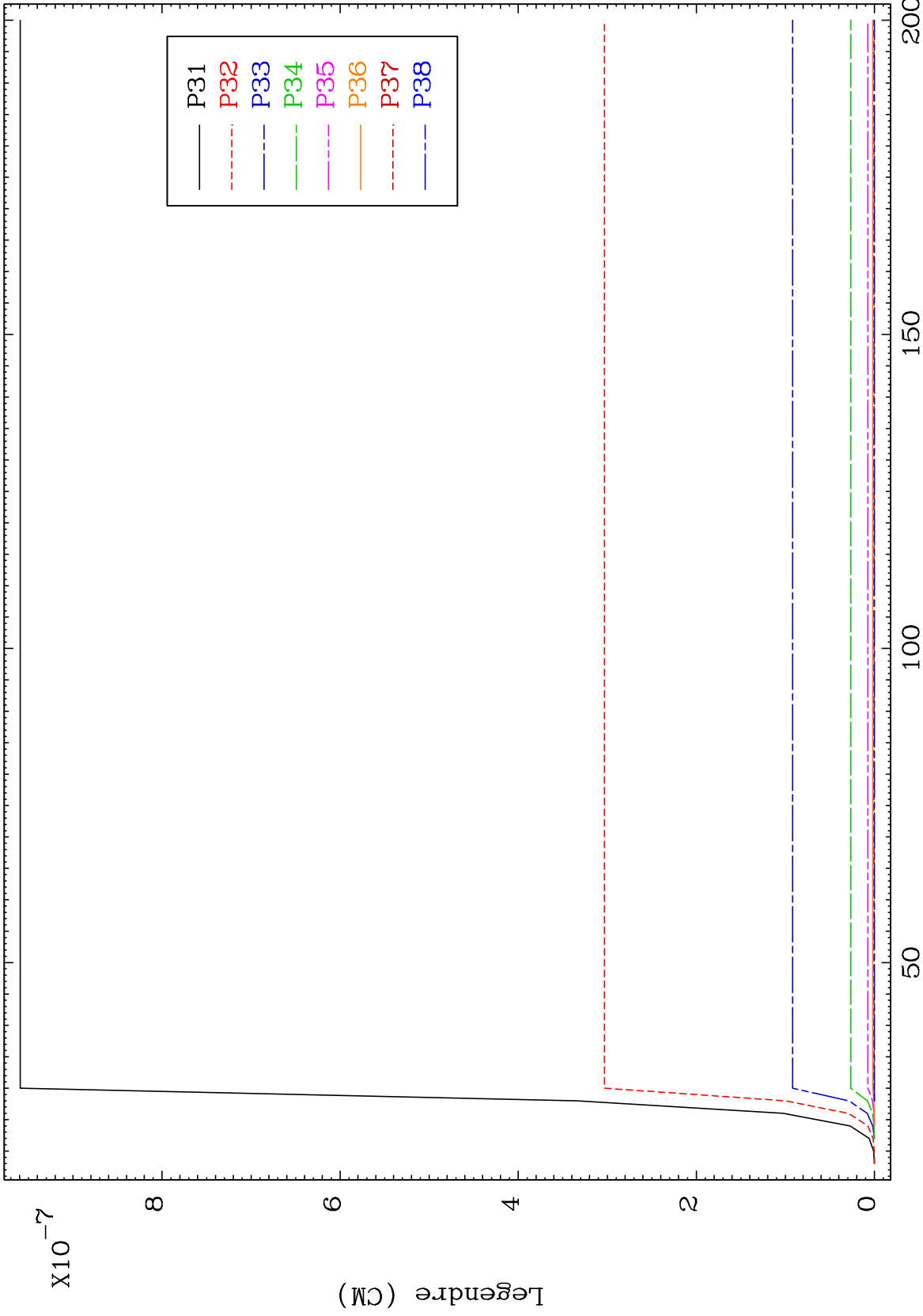
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



72

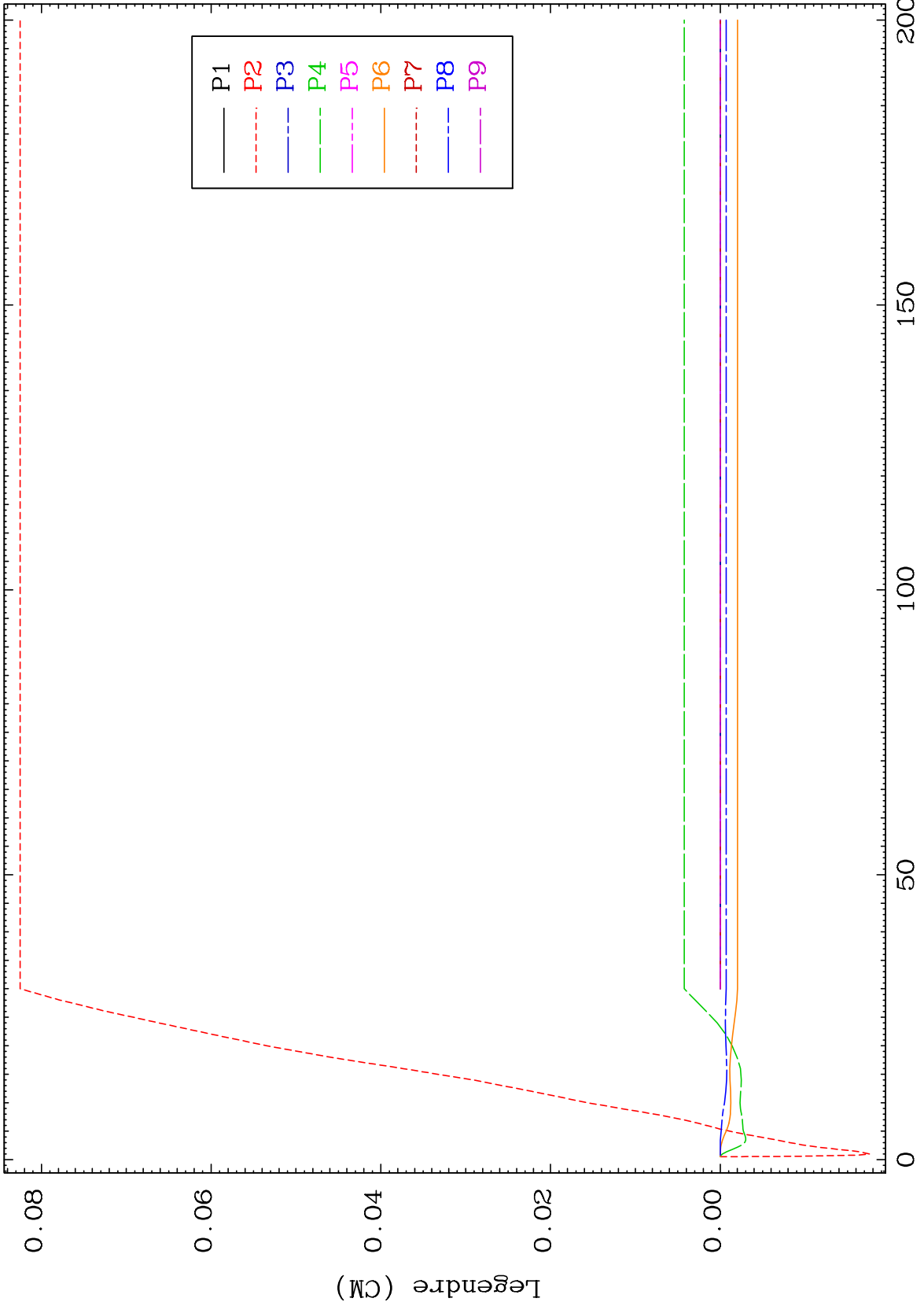
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185

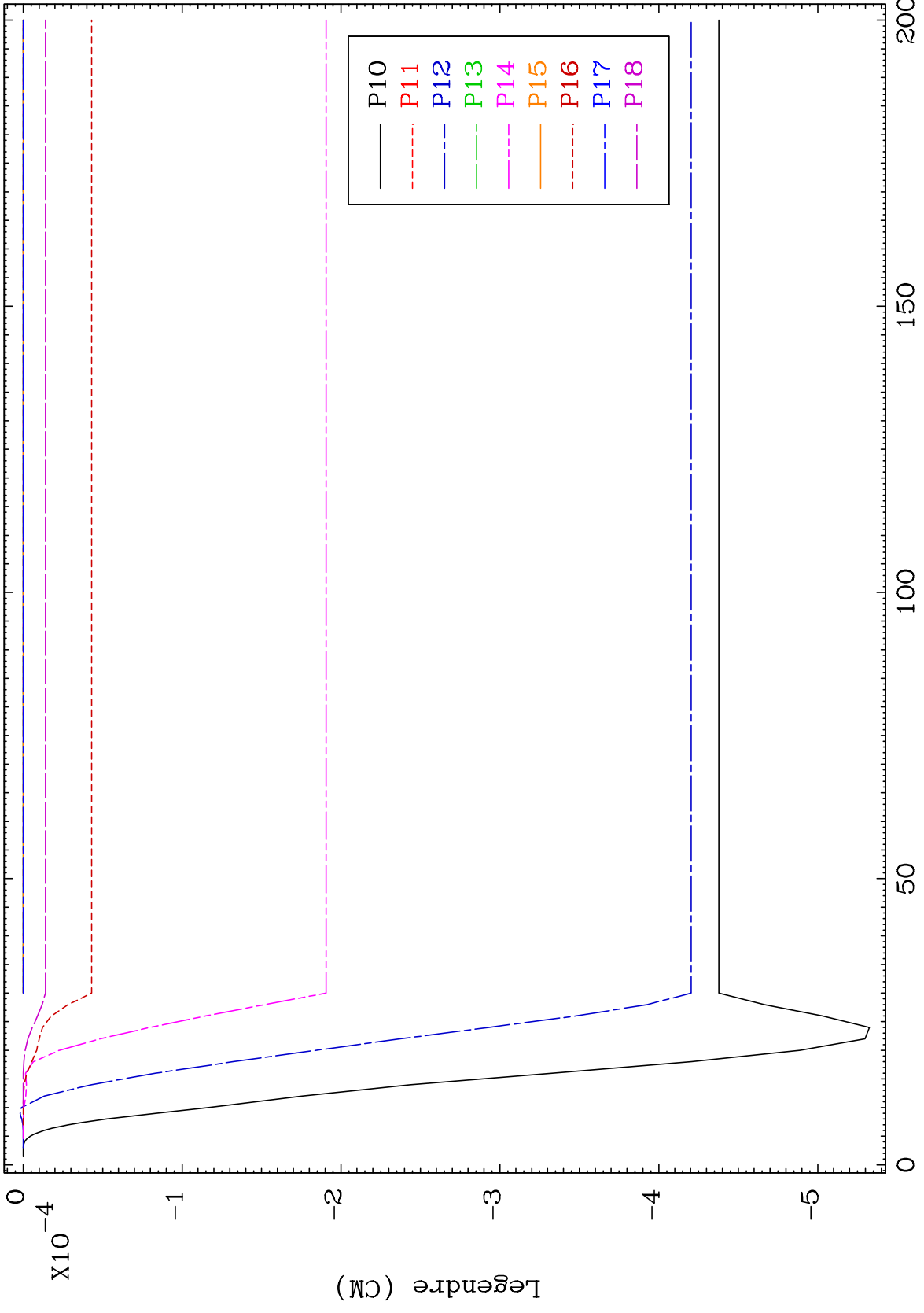


73

Incident Energy (MeV)

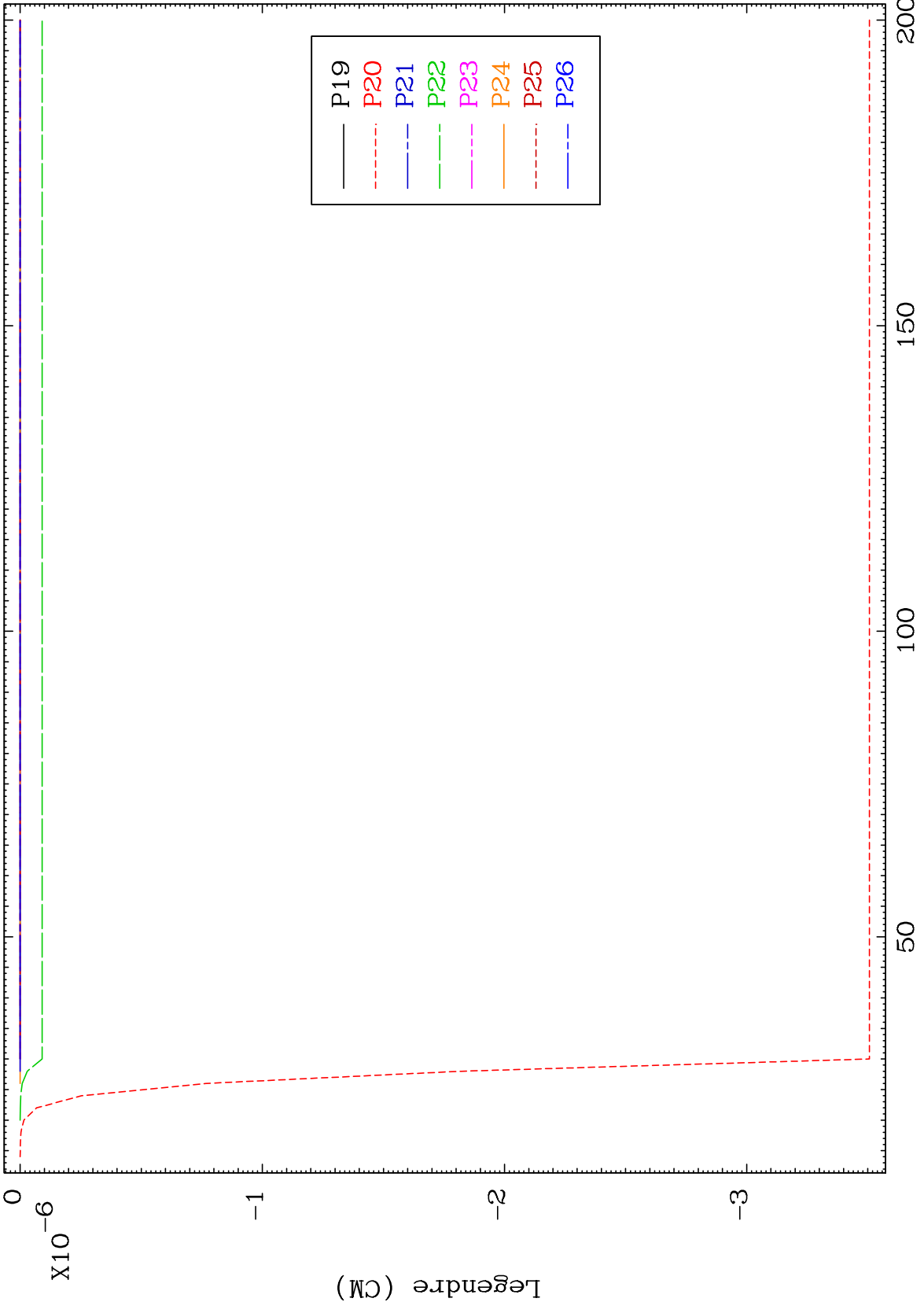
78-Pt-185

MAT 7810 MT= 65 (n,n') Level Legendre Coefficients 78-Pt-185



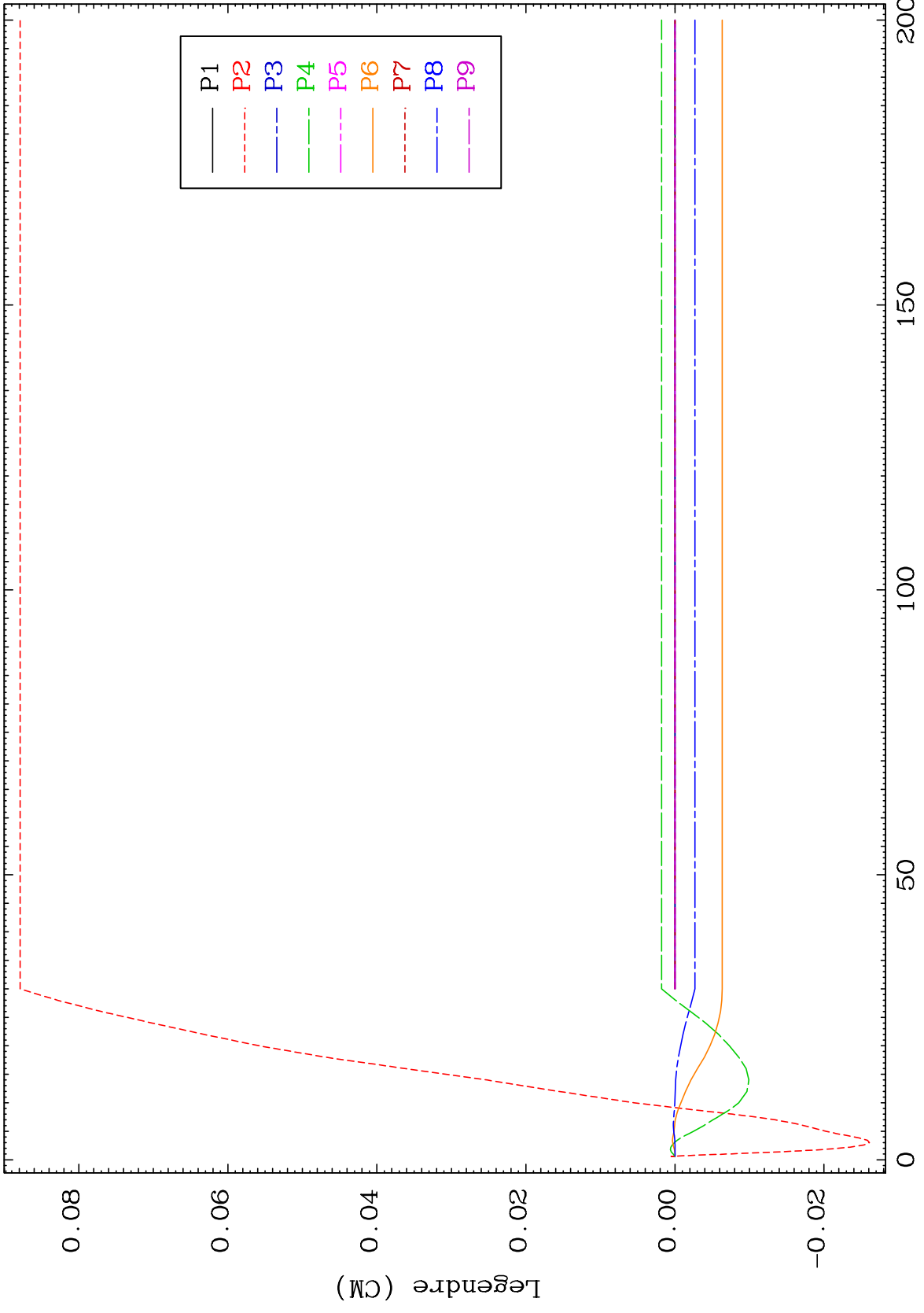
74 78-Pt-185

MAT 7810 MT= 65 (n,n') Level Legendre Coefficients 78-Pt-185



75 Incident Energy (MeV) 78-Pt-185

MAT 7810 MT= 66 (n,n') Level Legendre Coefficients 78-Pt-185

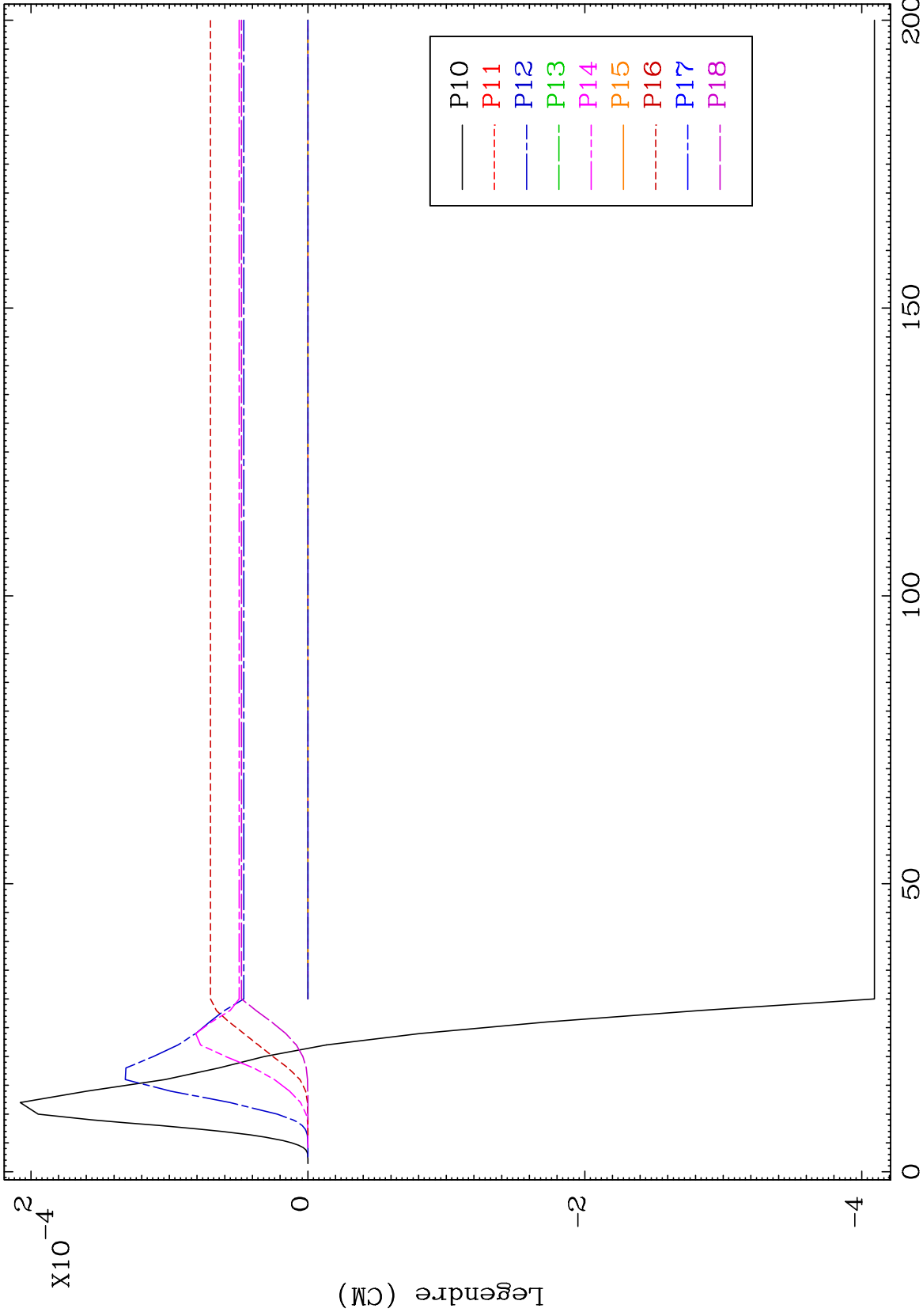


76 78-Pt-185

MAT 7810

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

78-Pt-185

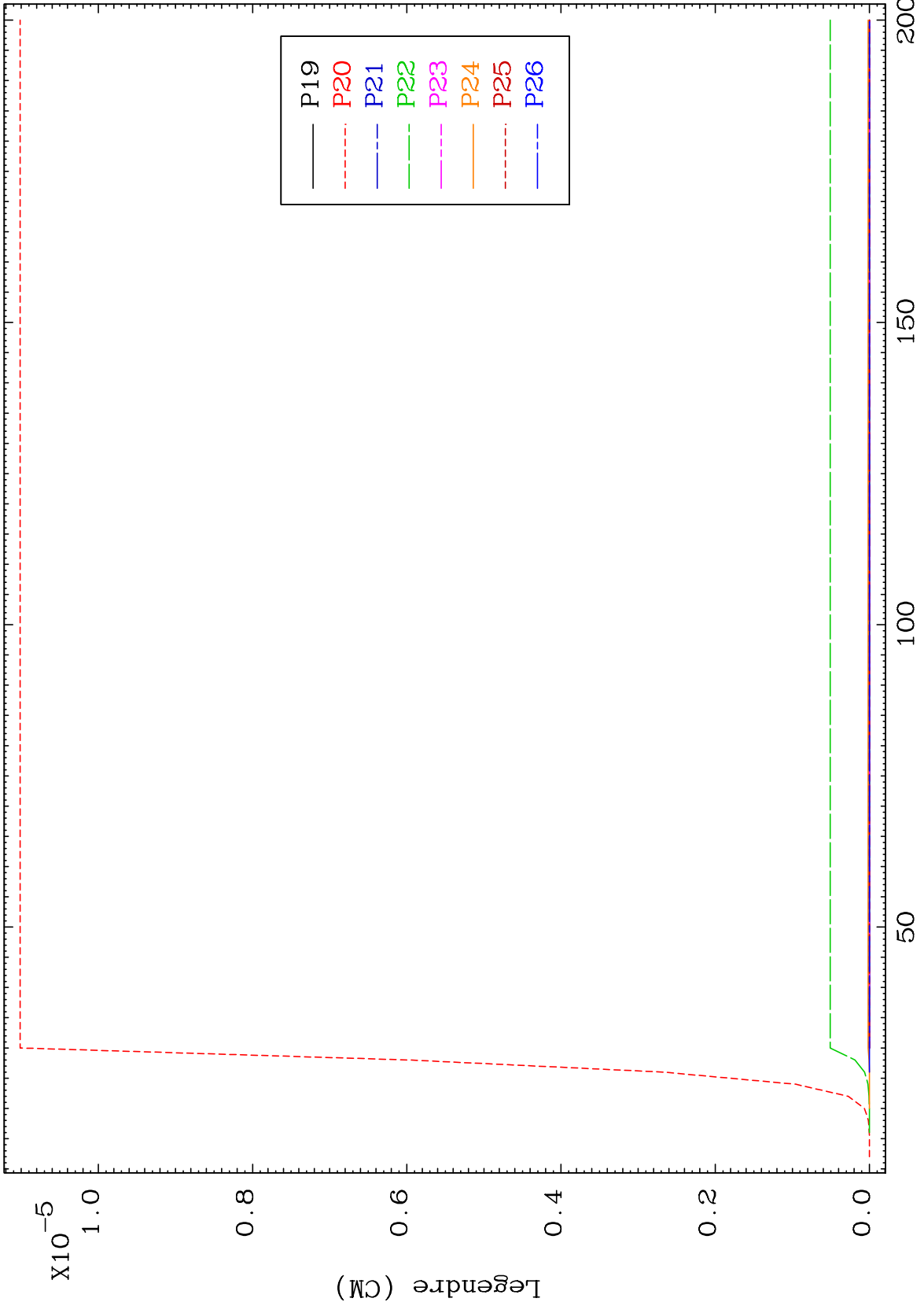


77

Incident Energy (MeV)

78-Pt-185

MAT 7810 MT= 66 (n,n') Level Legendre Coefficients 78-Pt-185

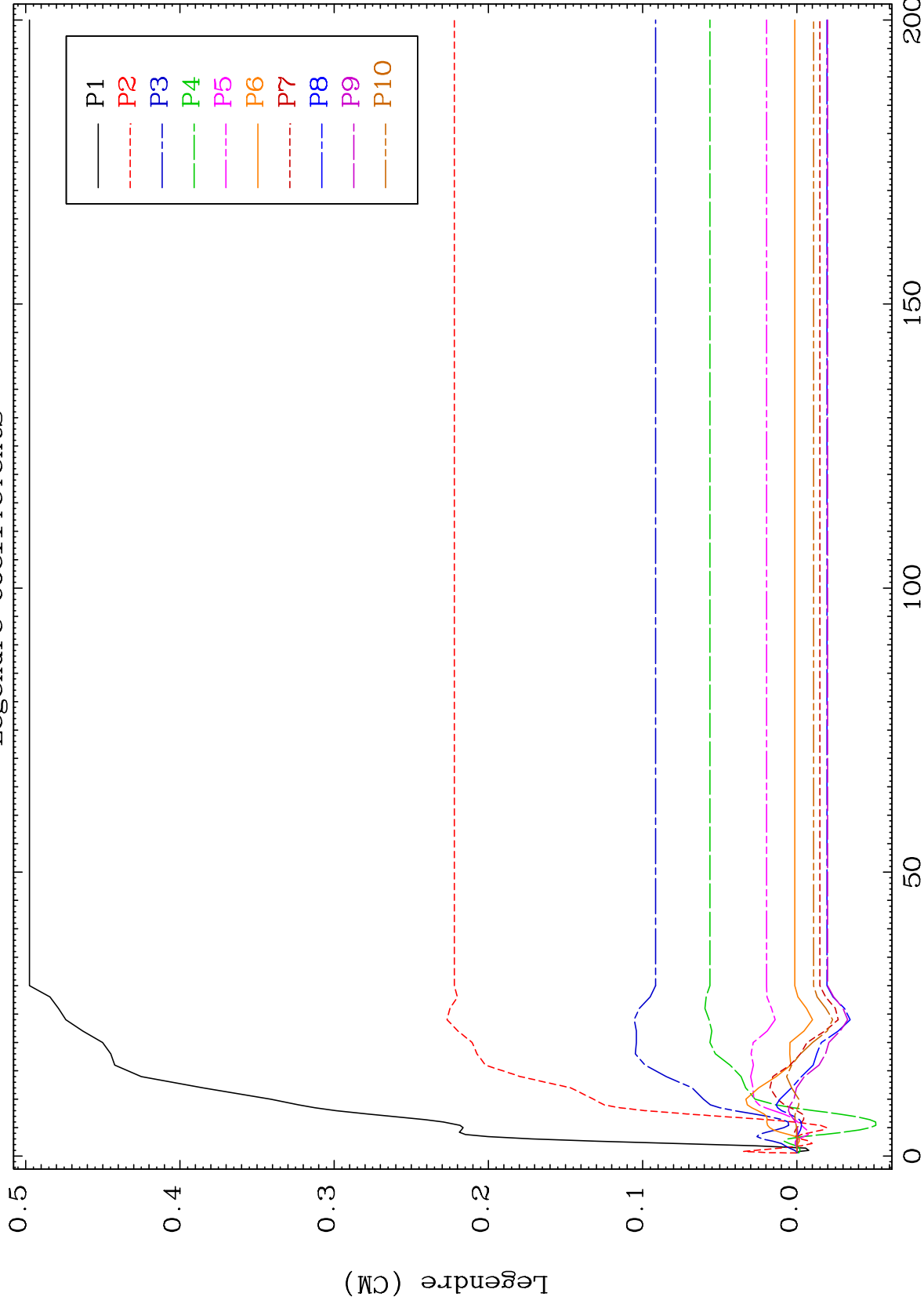


78 78-Pt-185

MAT 7810

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

78-Pt-185



79

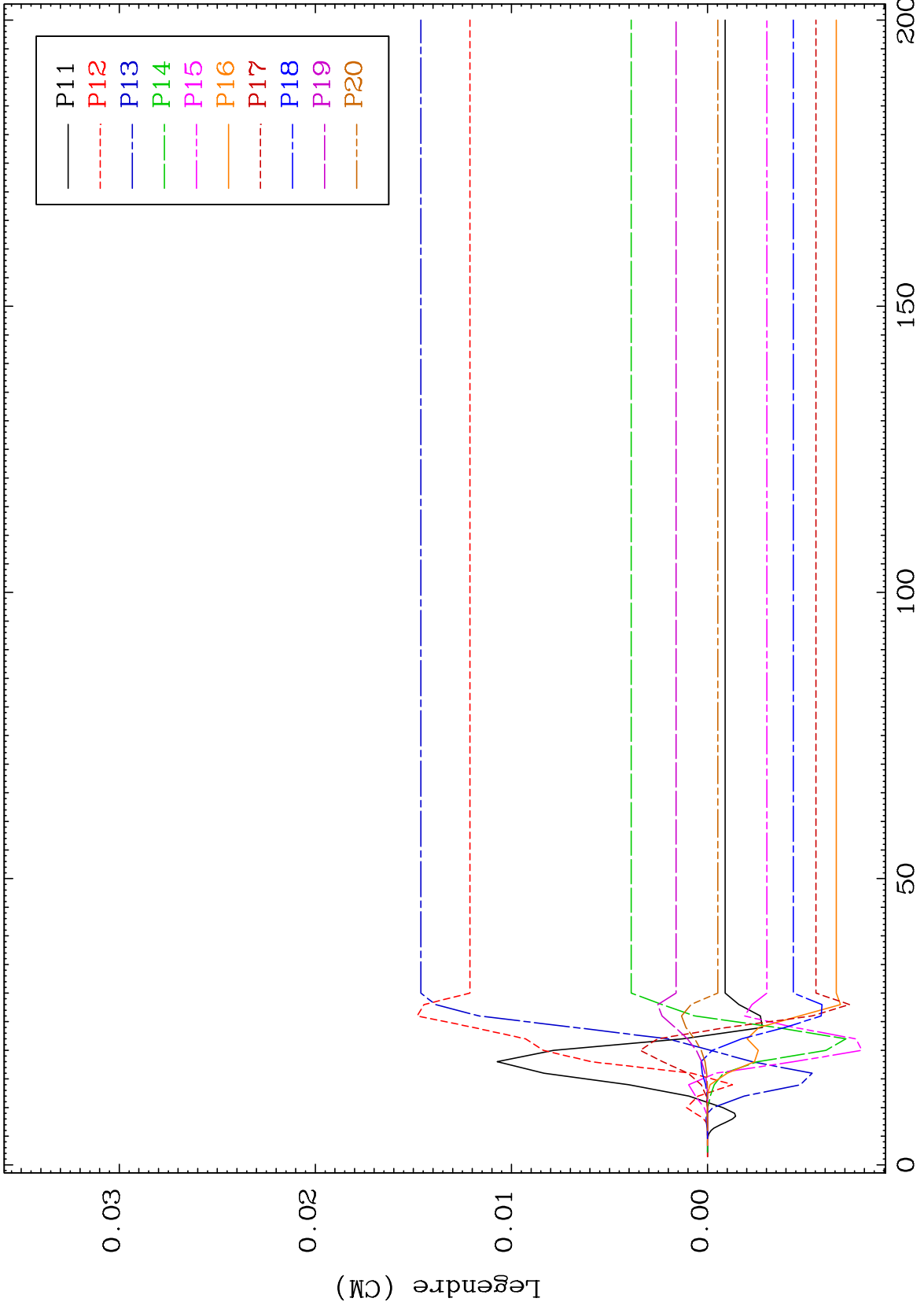
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



80

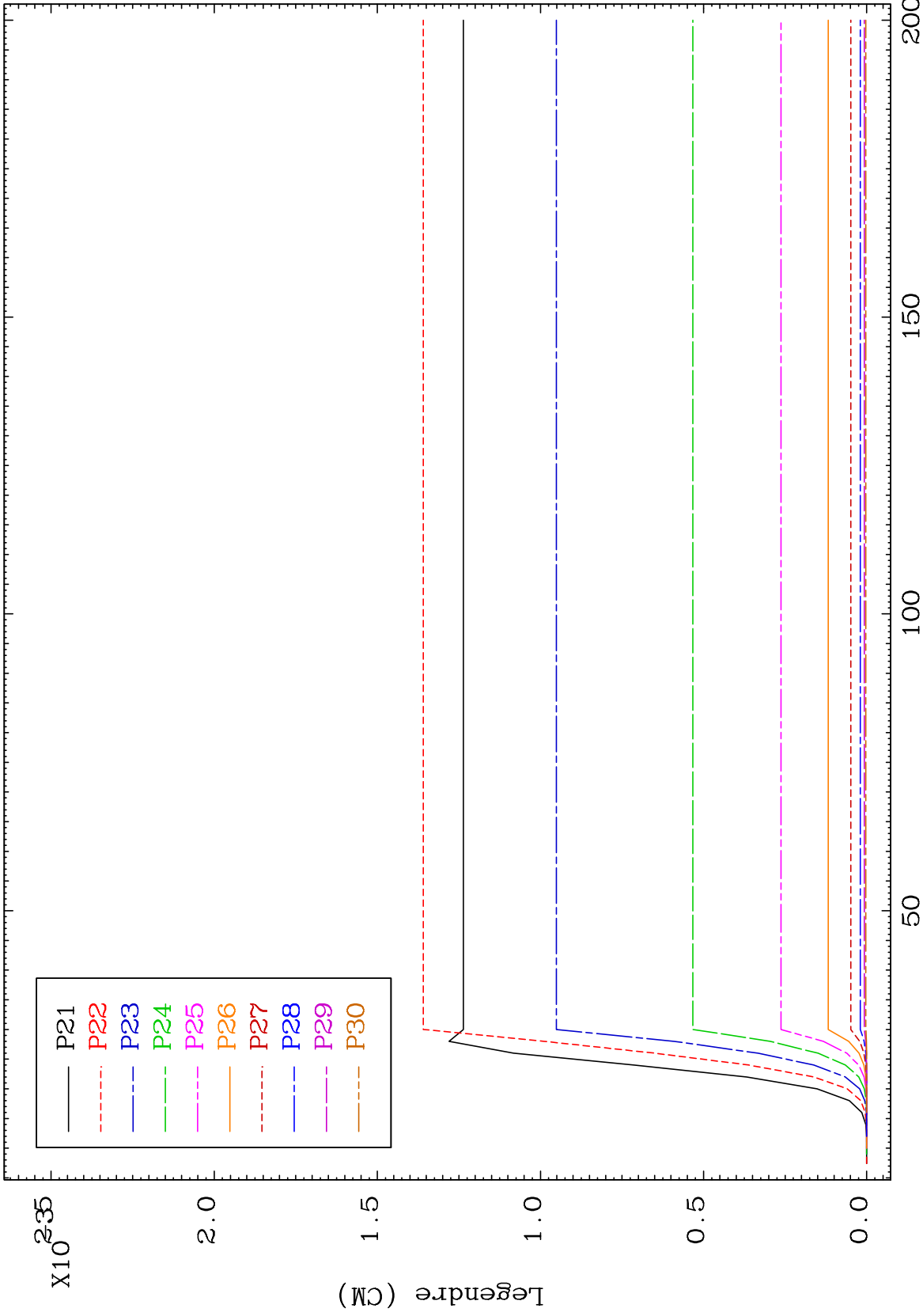
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



81

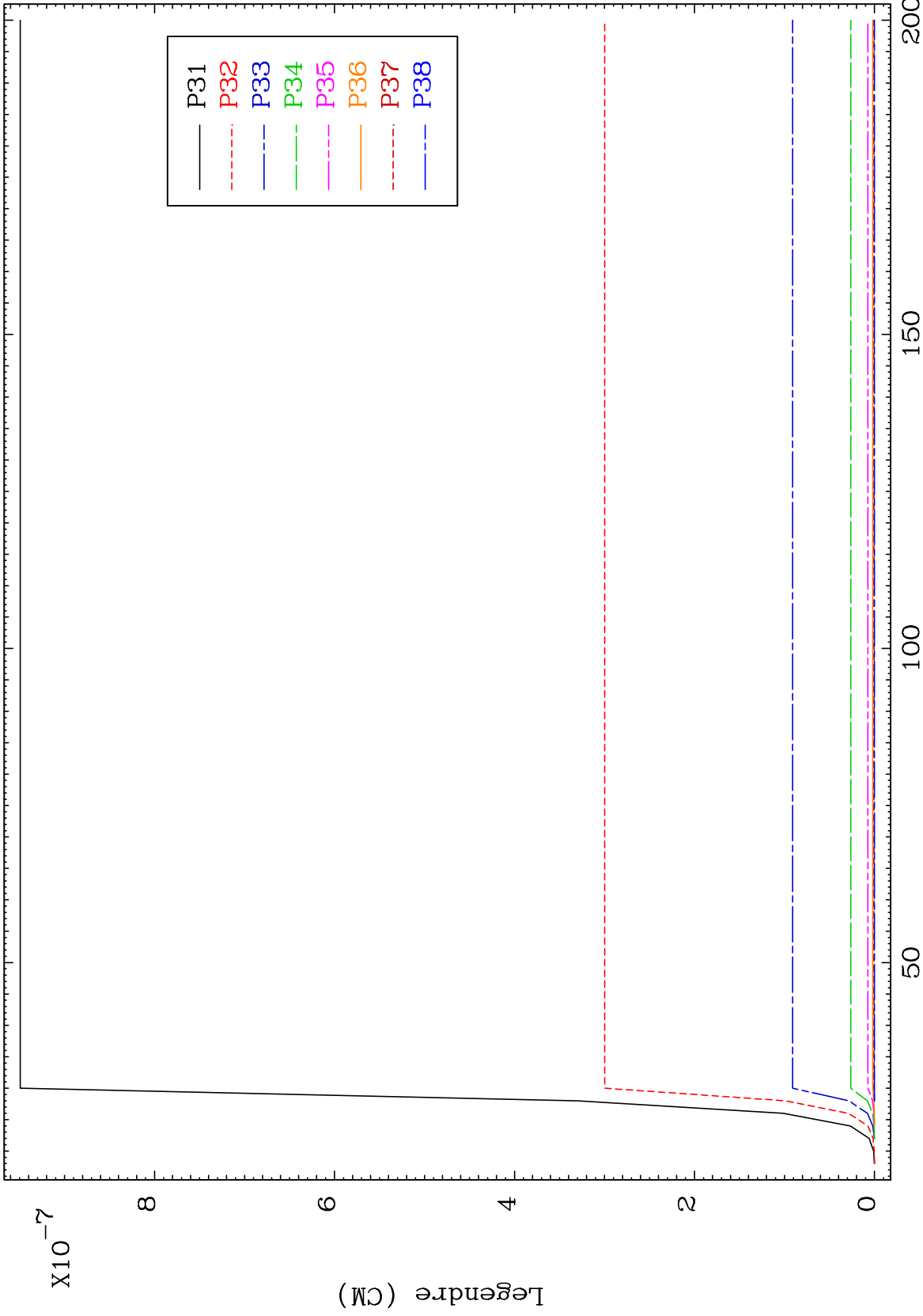
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



82

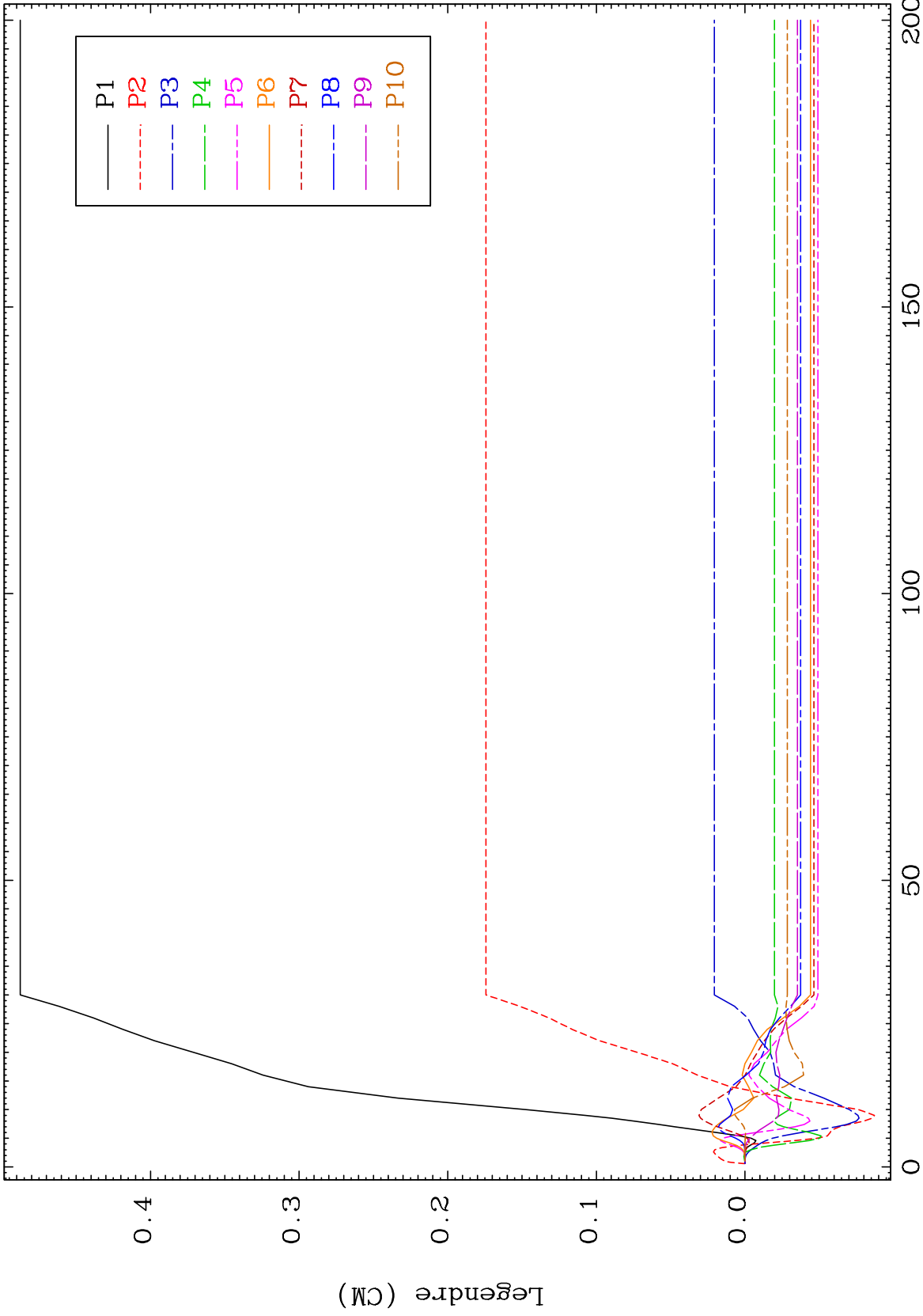
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



83

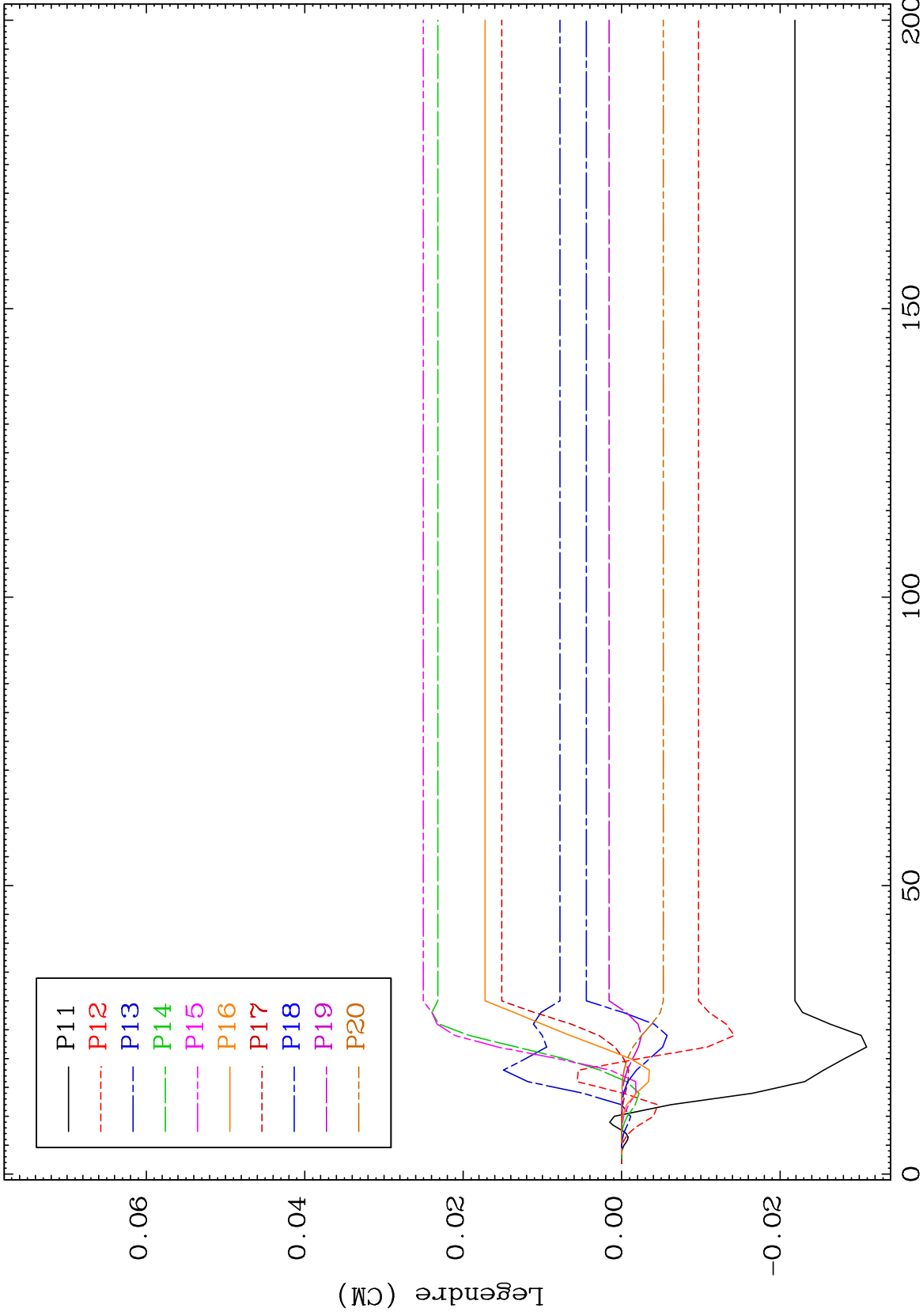
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185

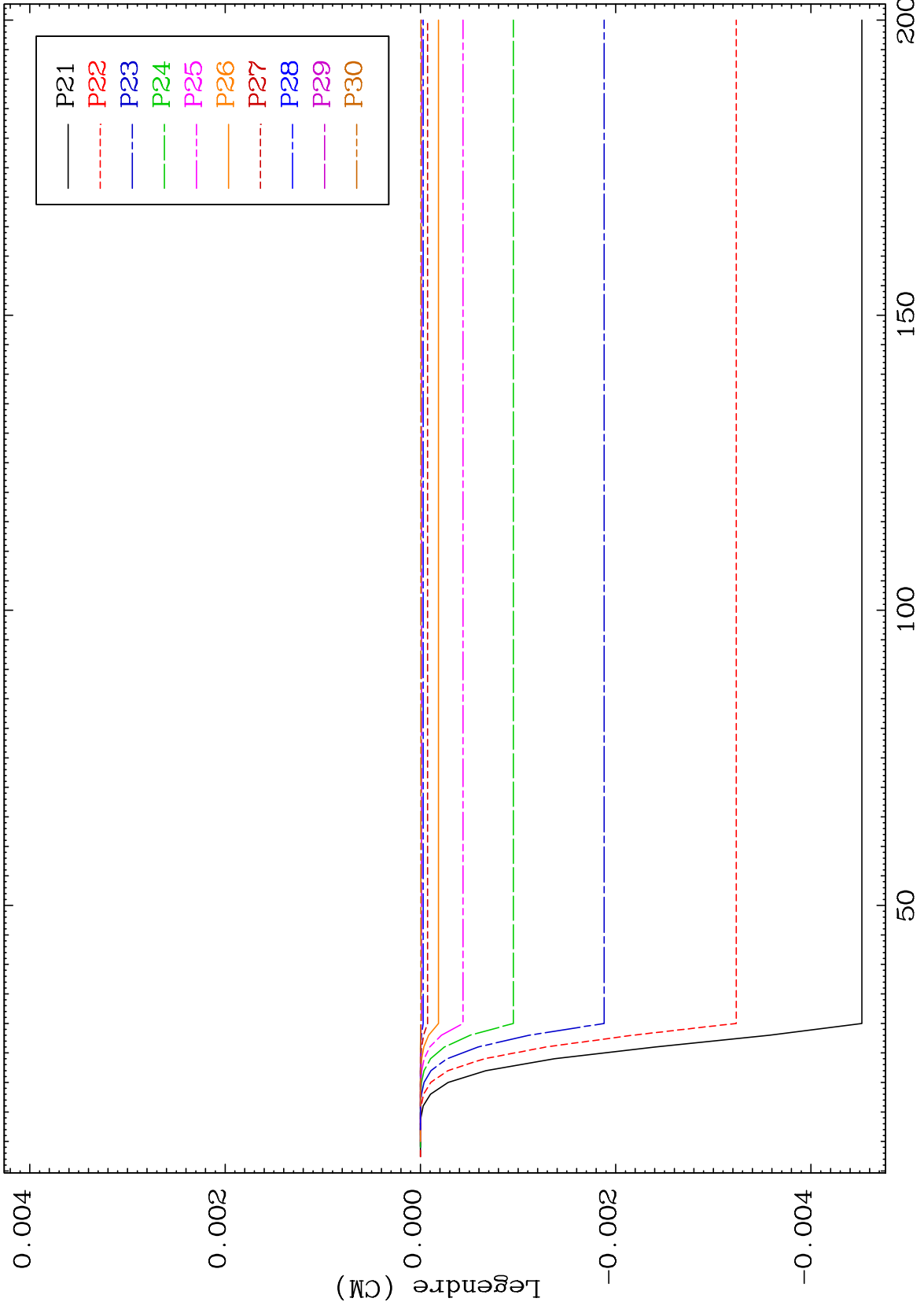


84

Incident Energy (MeV)

78-Pt-185

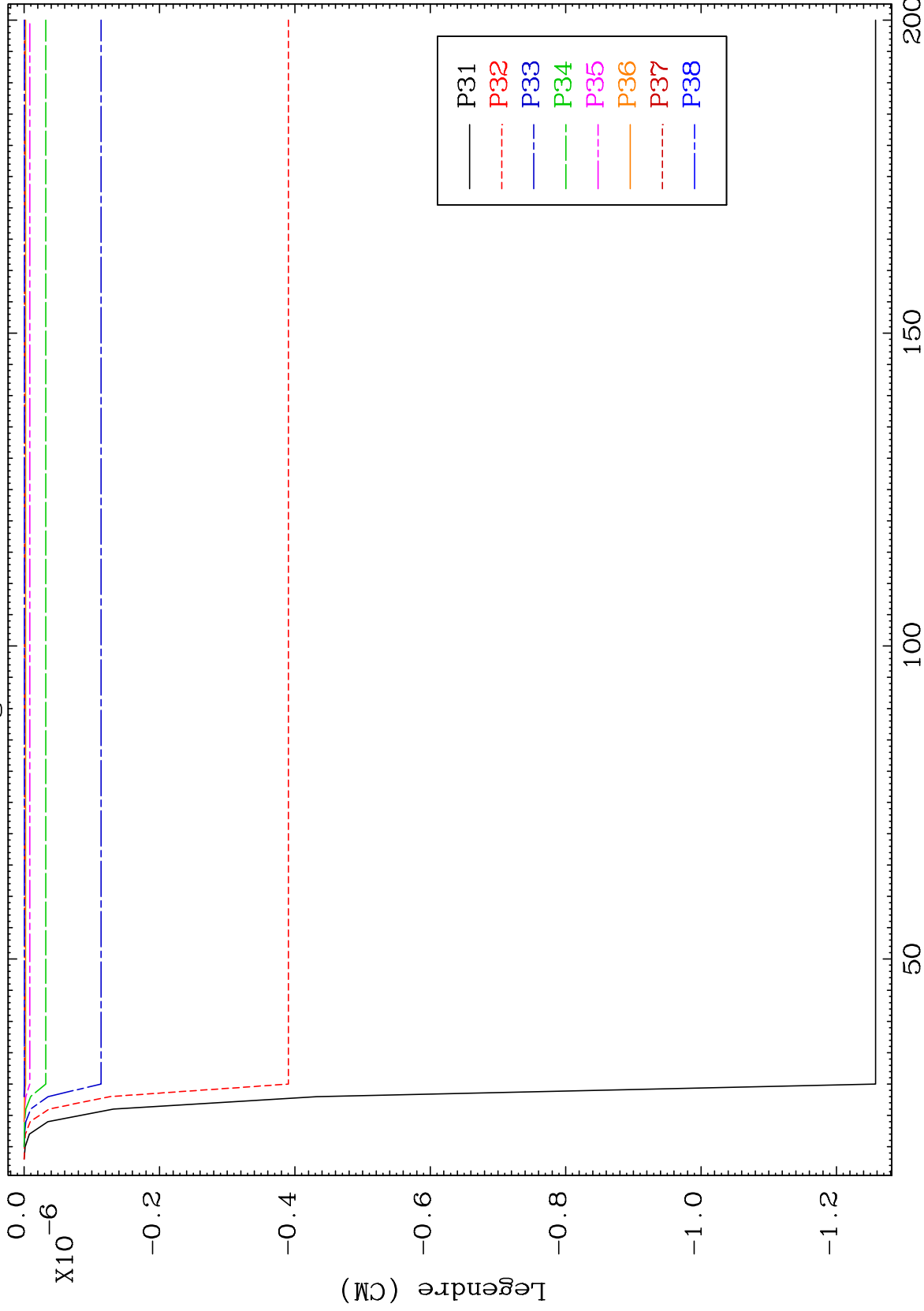
MAT 7810 MT= 68 (n,n') Level Legendre Coefficients 78-Pt-185



MAT 7810

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

78-Pt-185

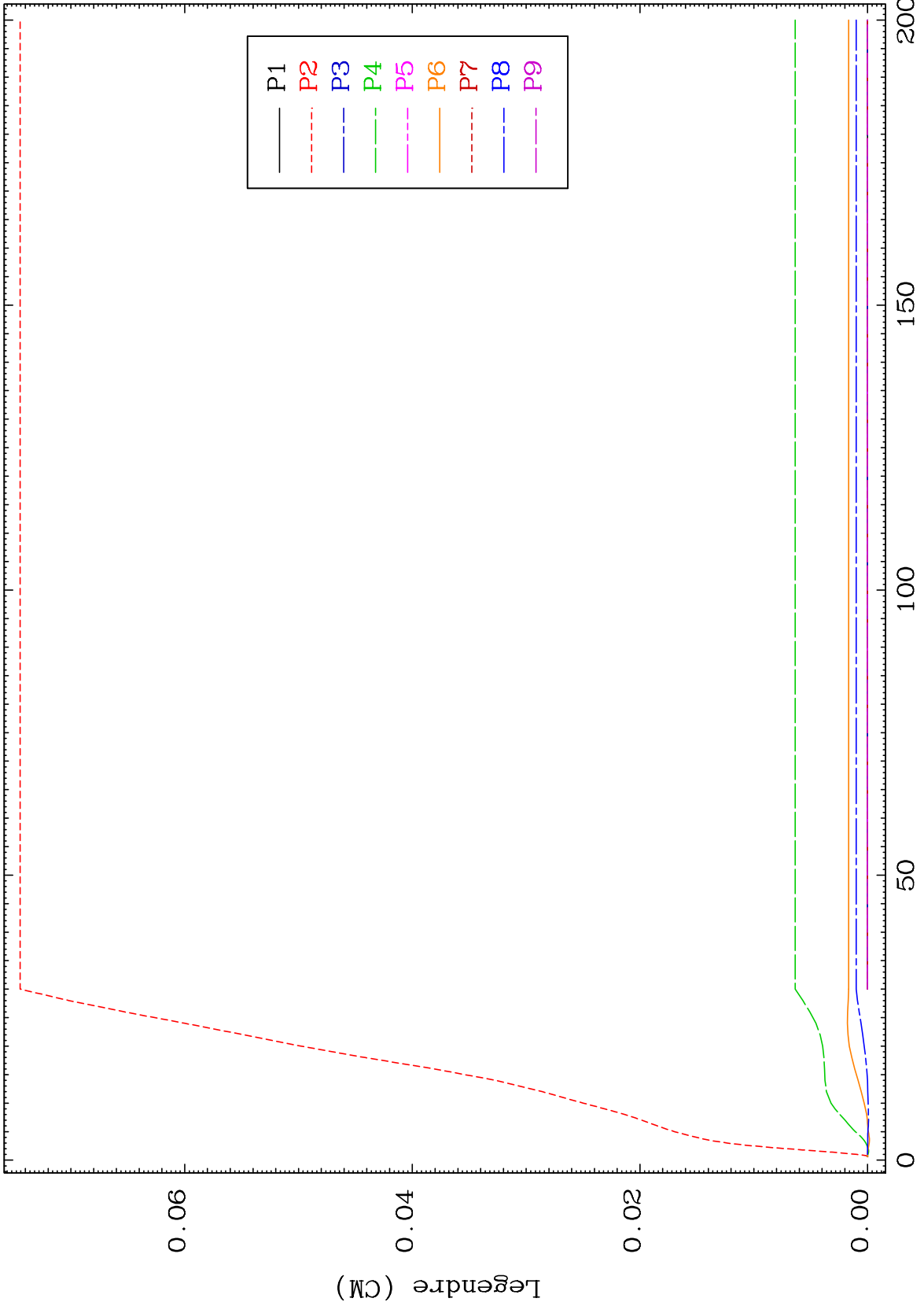


86

Incident Energy (MeV)

78-Pt-185

MAT 7810 MT= 69 (n,n') Level Legendre Coefficients 78-Pt-185

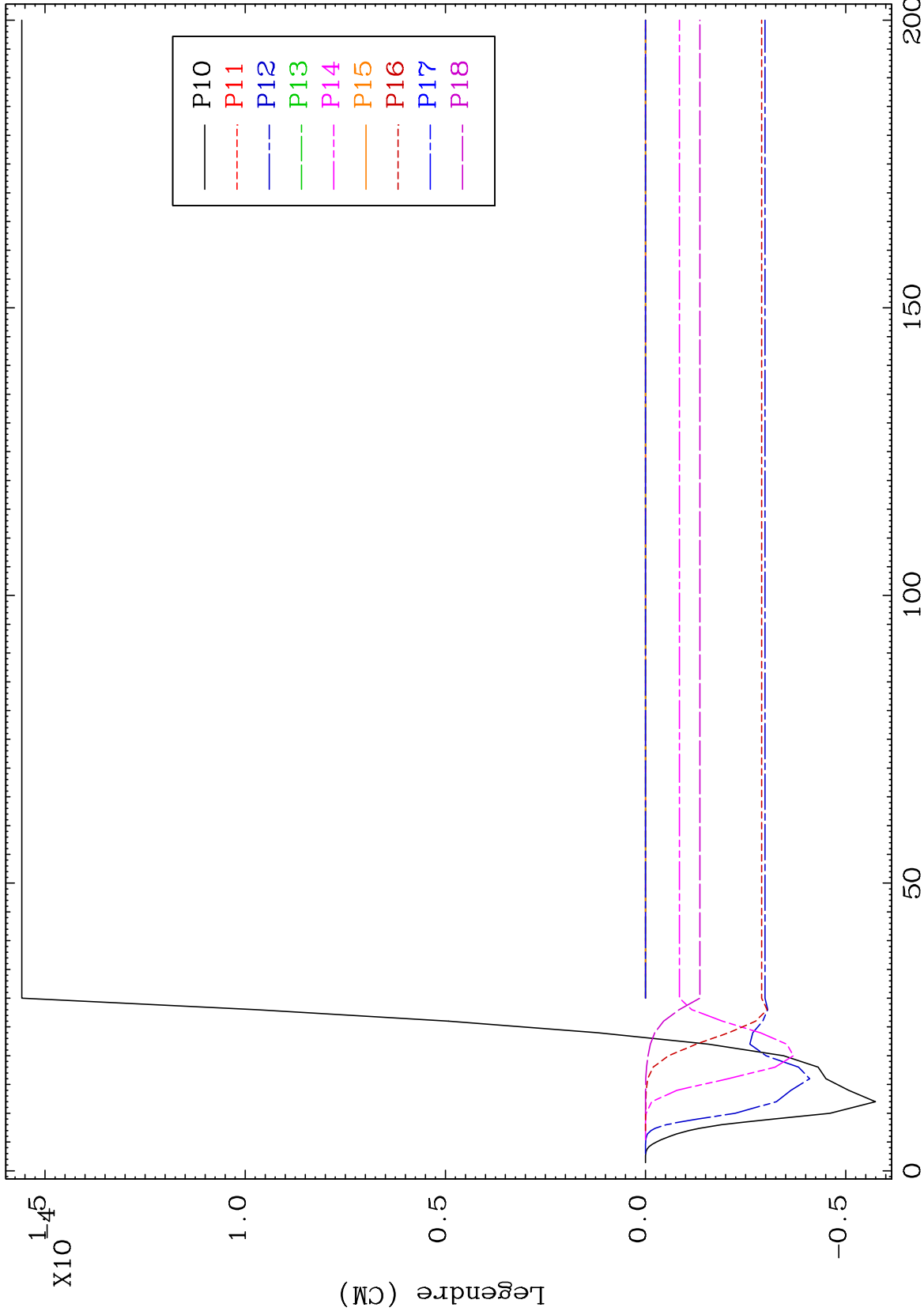


87 Incident Energy (MeV) 78-Pt-185

MAT 7810

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

78-Pt-185

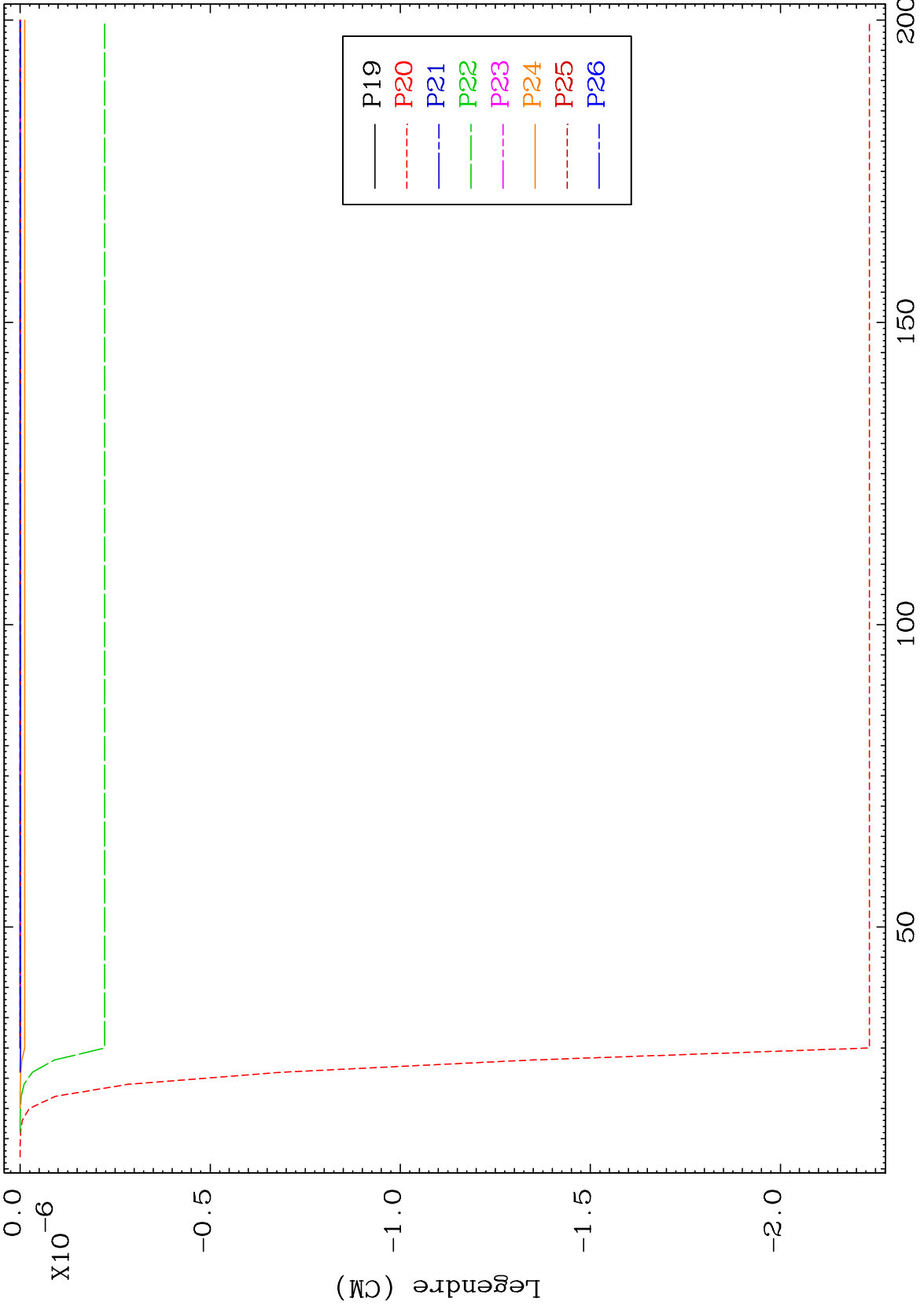


88

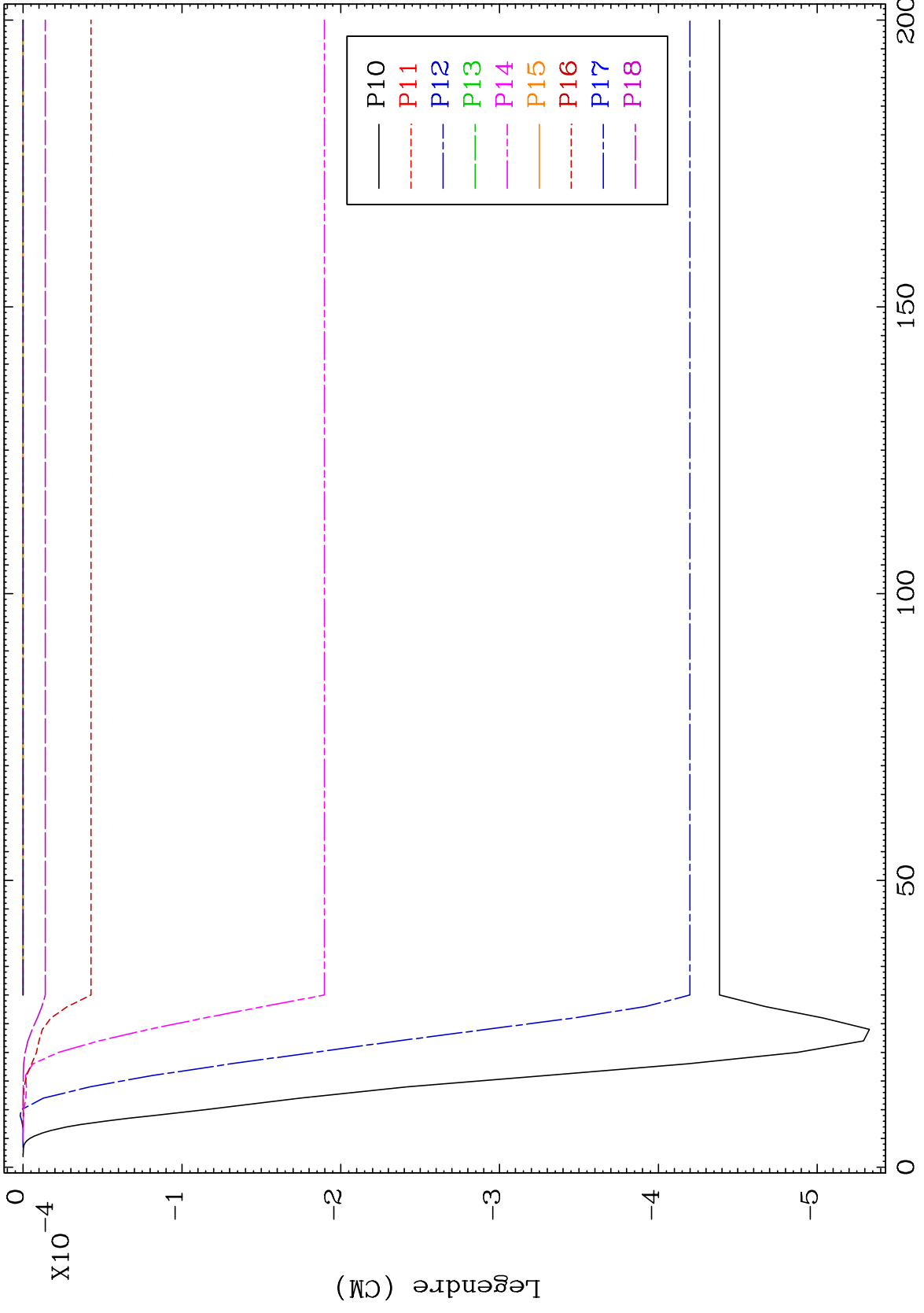
Incident Energy (MeV)

78-Pt-185

MAT 7810 MT= 69 (n,n') Level Legendre Coefficients 78-Pt-185

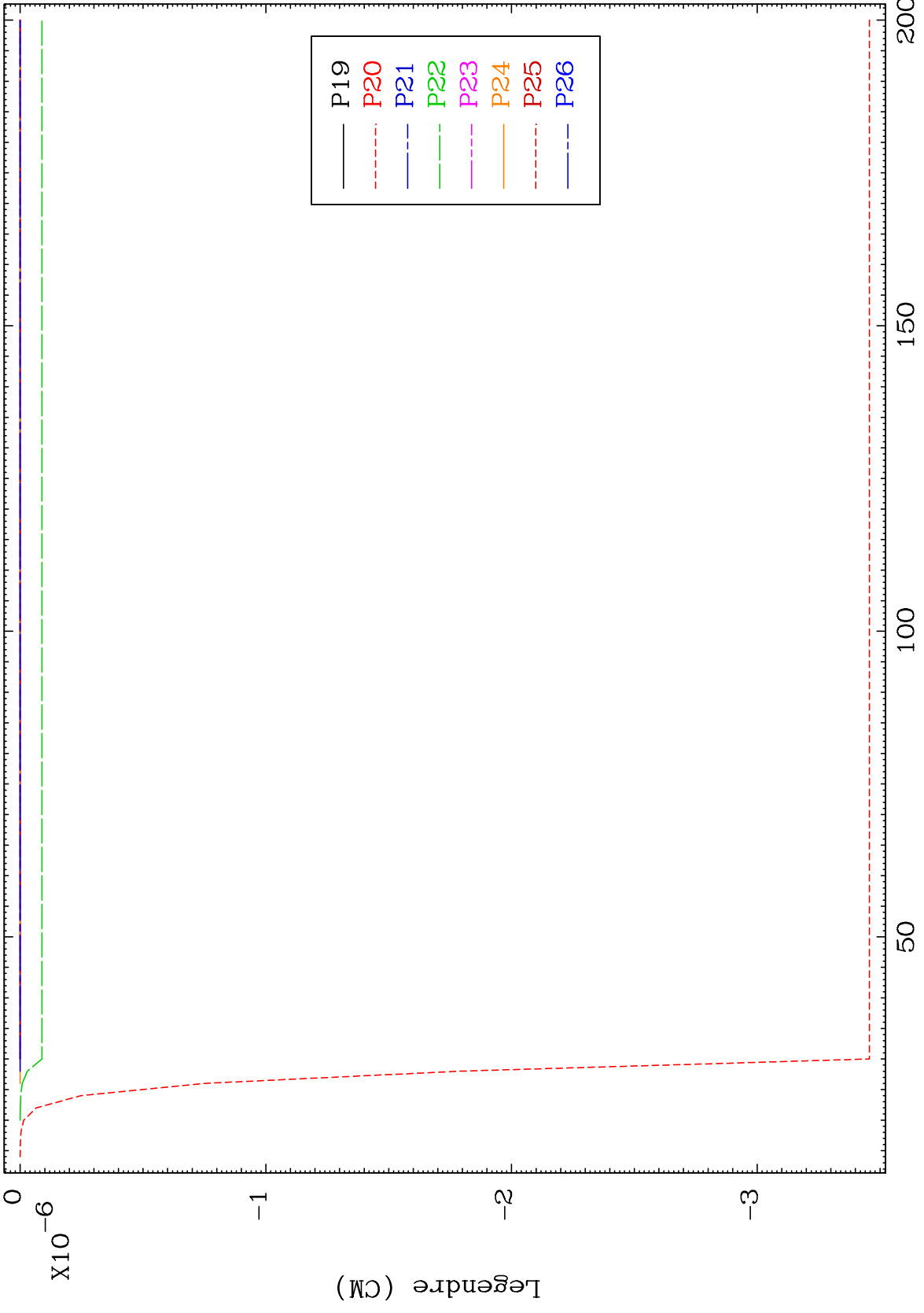


MAT 7810 MT= 70 (n,n') Level Legendre Coefficients 78-Pt-185



91 78-Pt-185

MAT 7810 MT= 70 (n,n') Level Legendre Coefficients 78-Pt-185

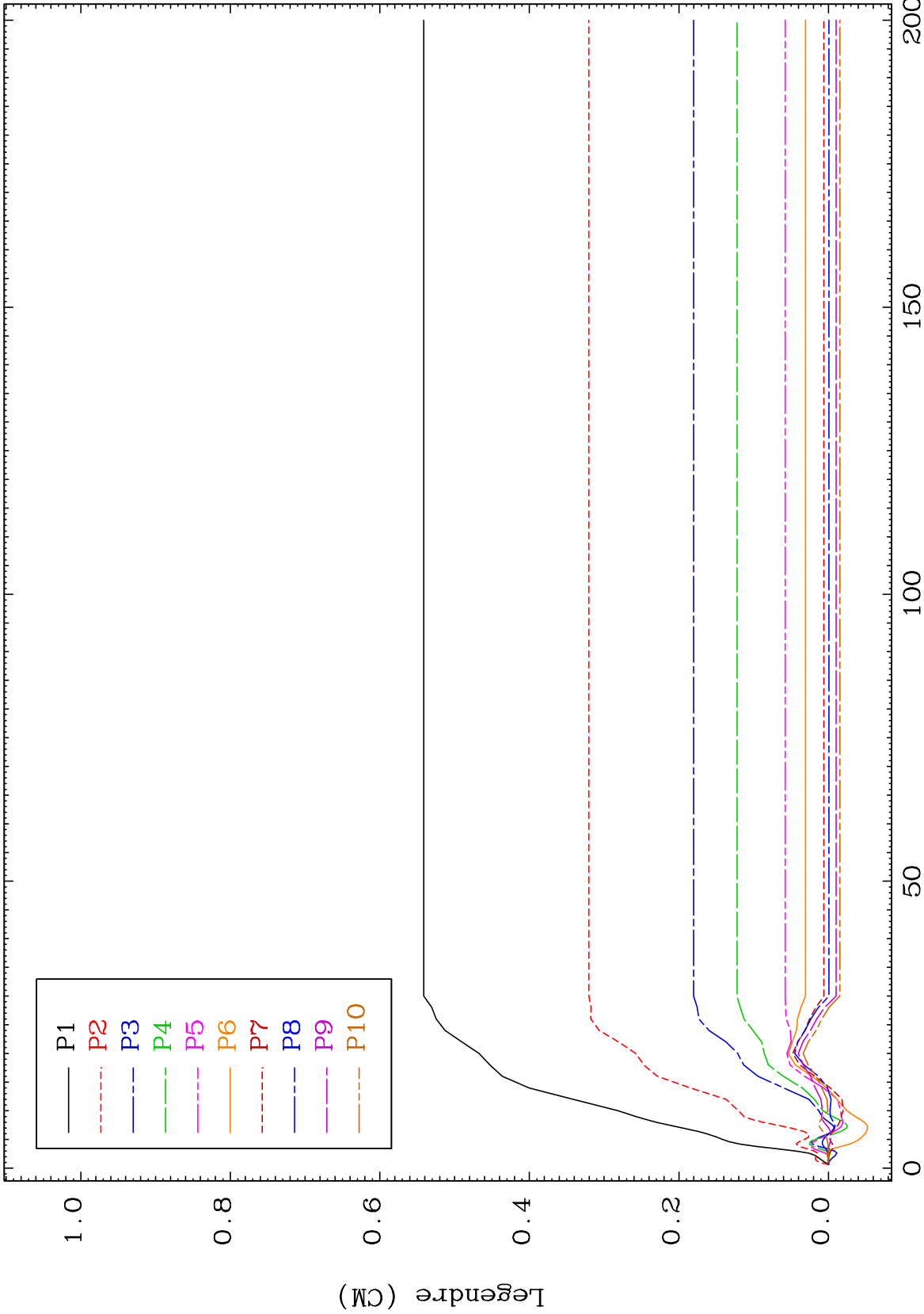


92 78-Pt-185

MAT 7810

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

78-Pt-185



93

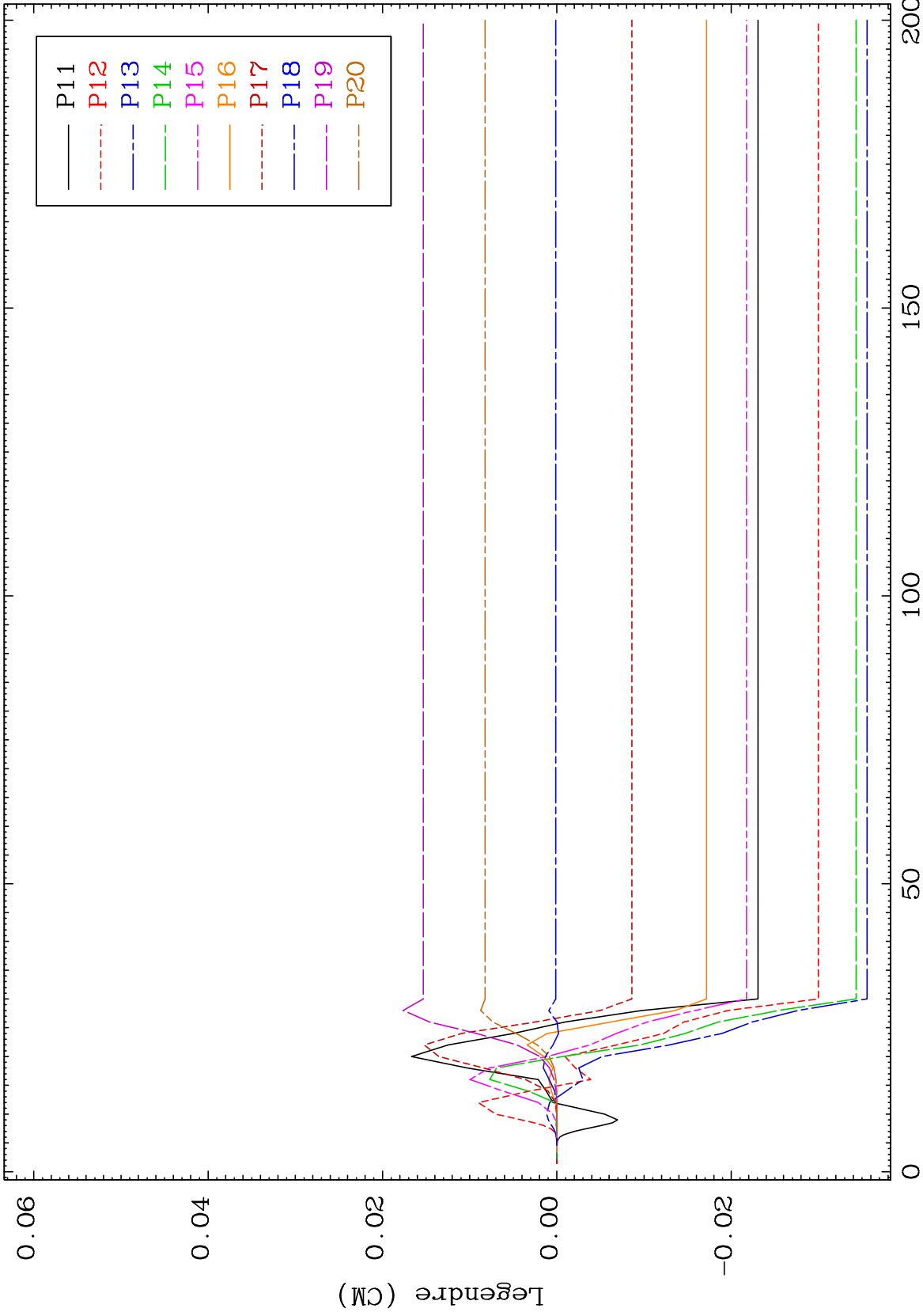
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



94

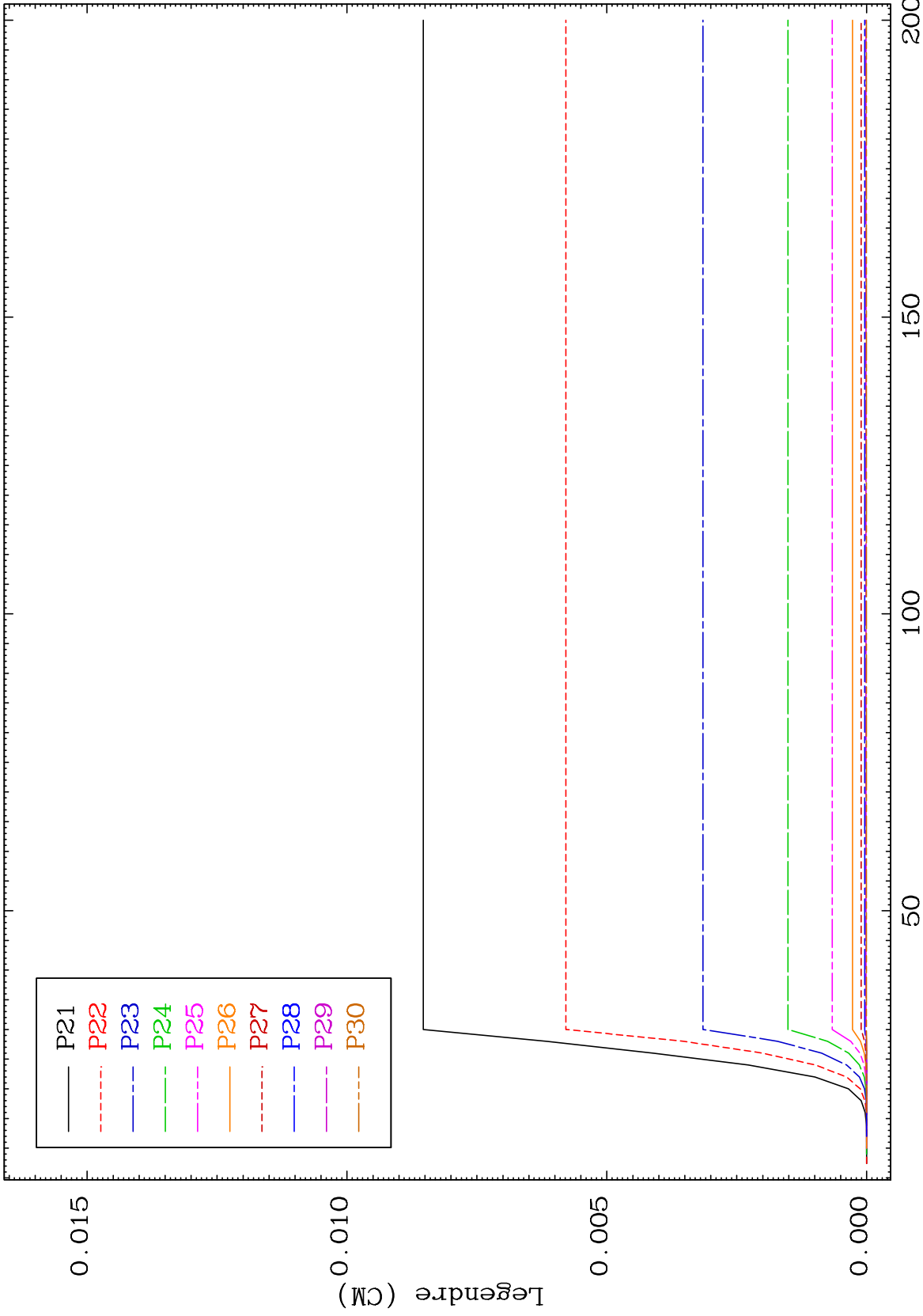
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



95

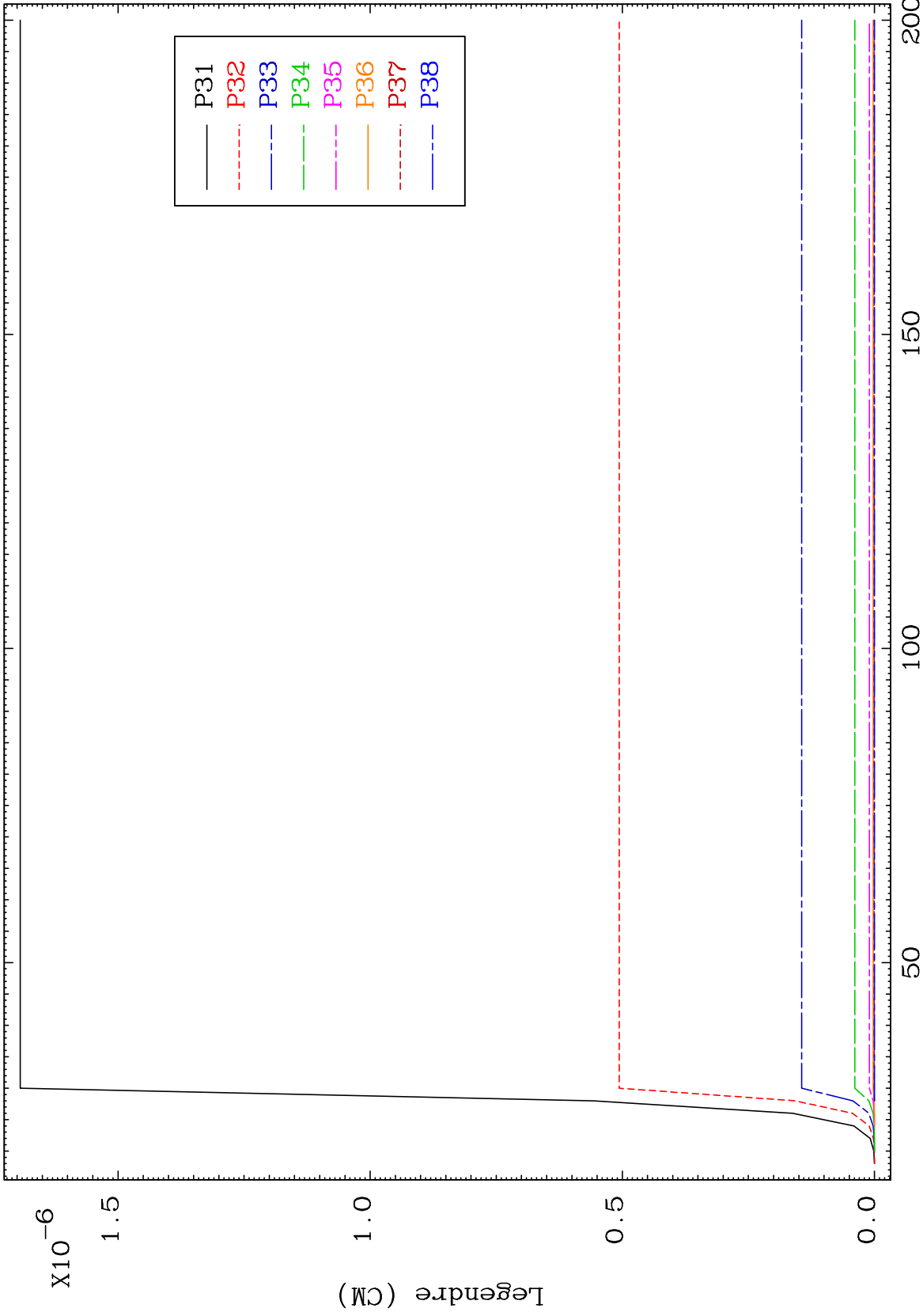
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



96

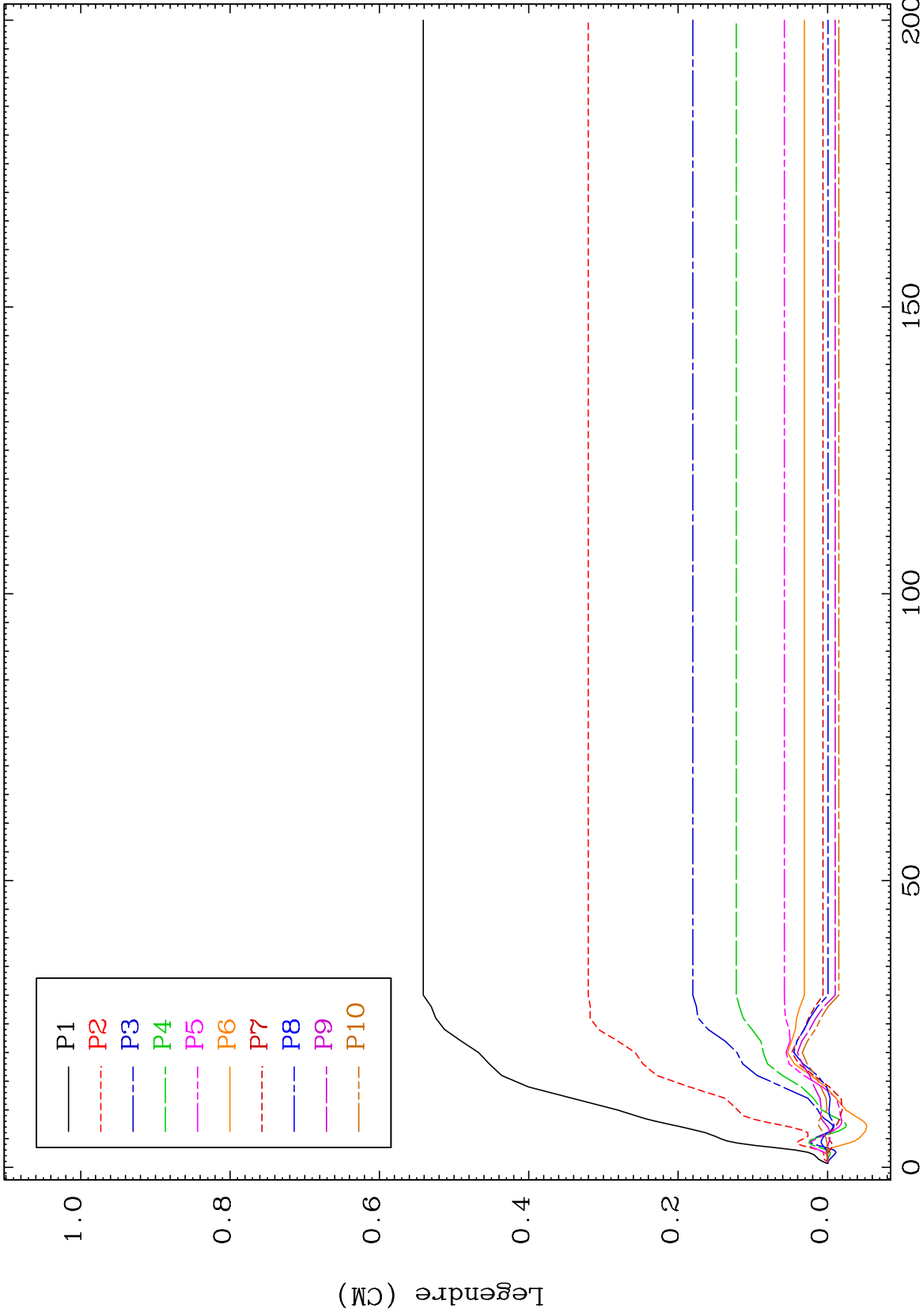
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



97

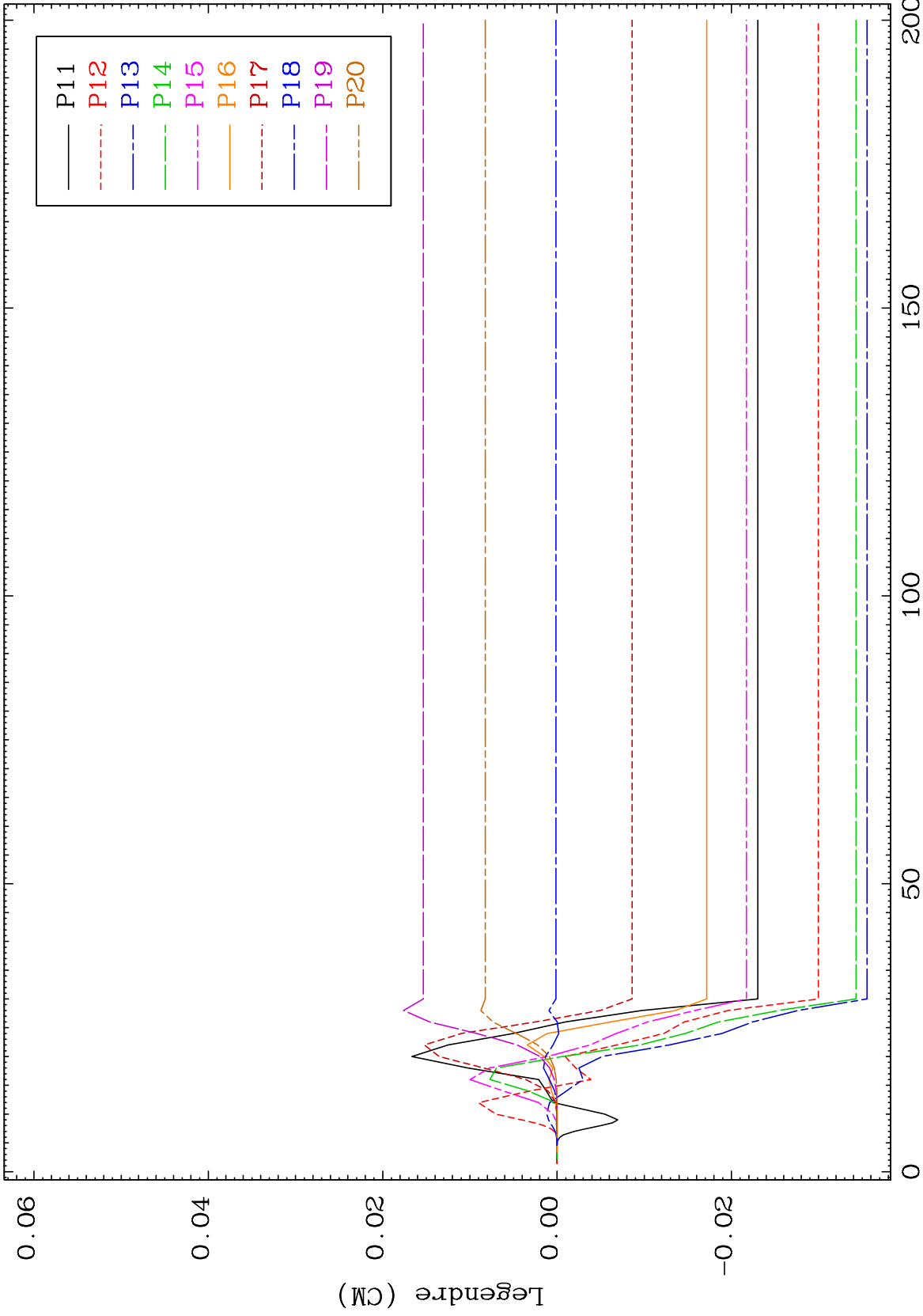
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



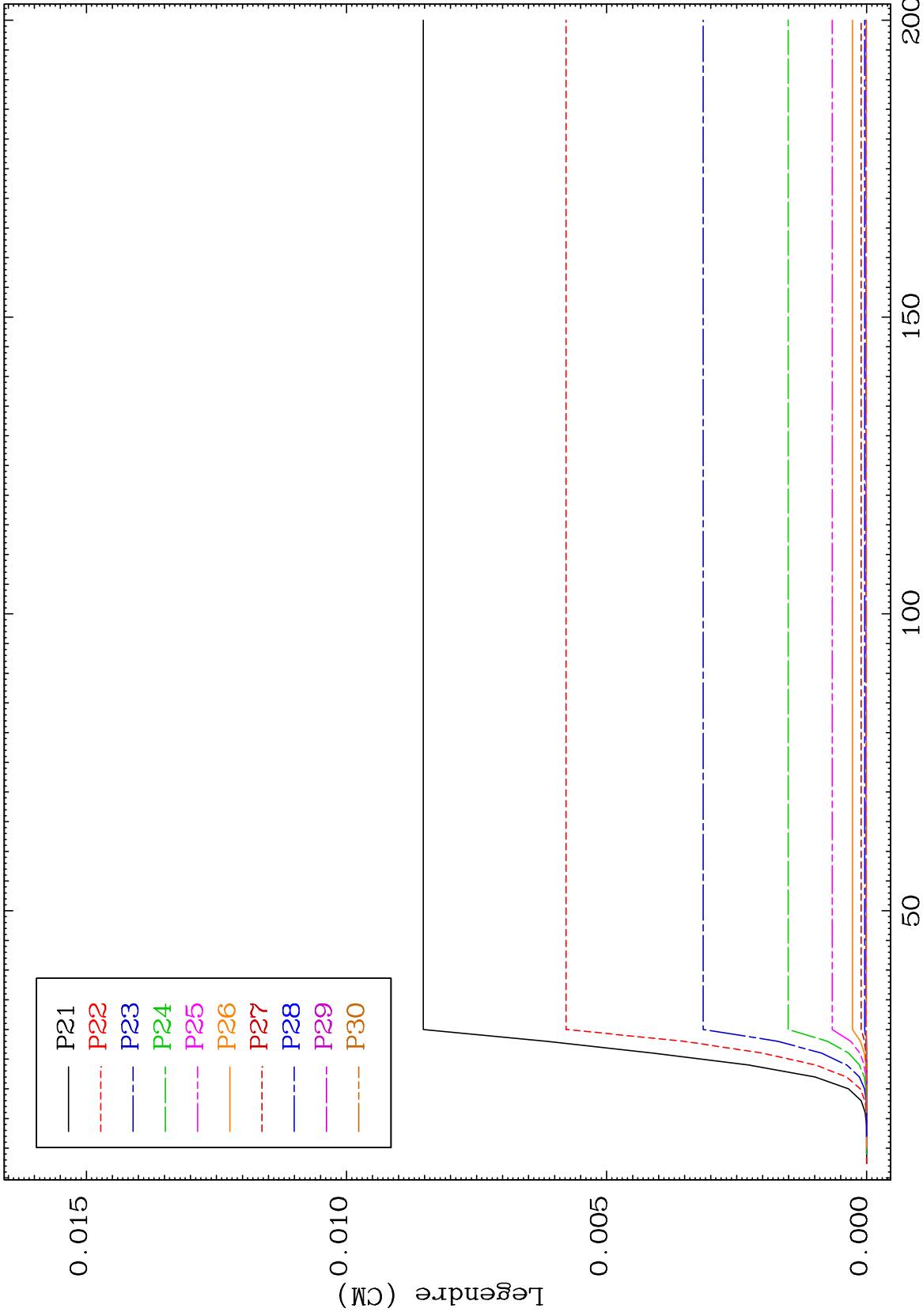
98

78-Pt-185

MAT 7810

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

78-Pt-185



99

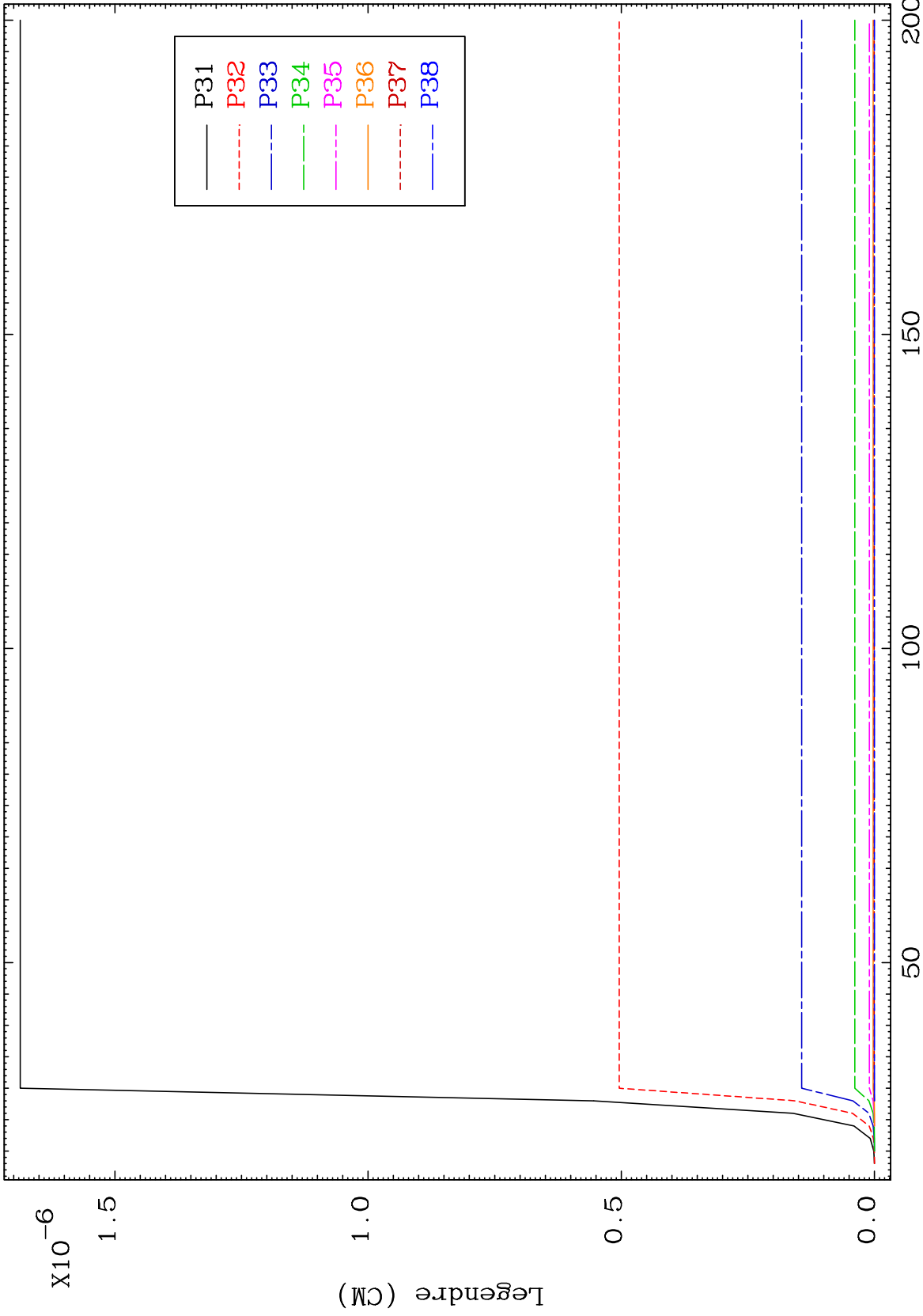
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



100

50

100

150

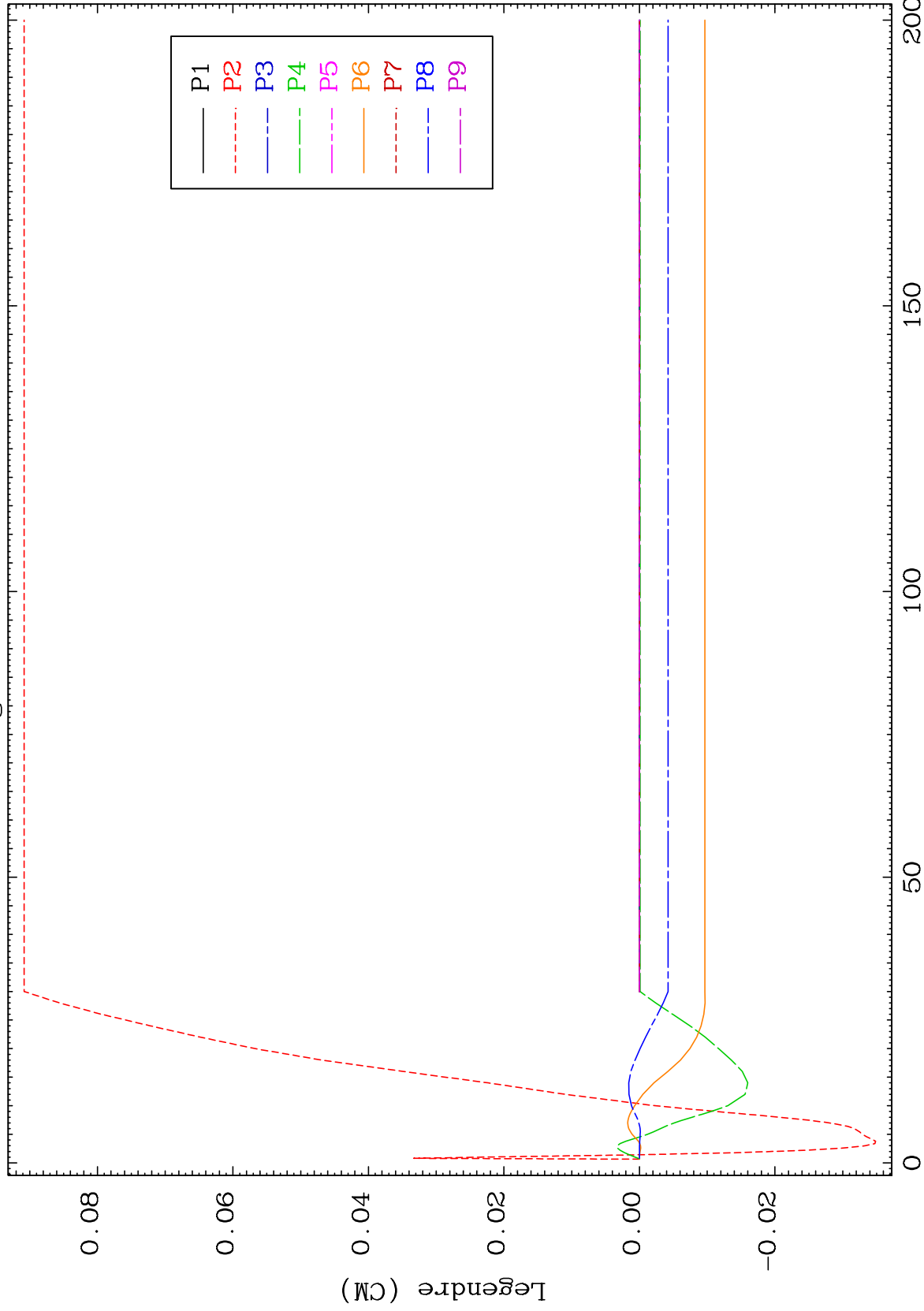
200

78-Pt-185

MAT 7810

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

78-Pt-185



101

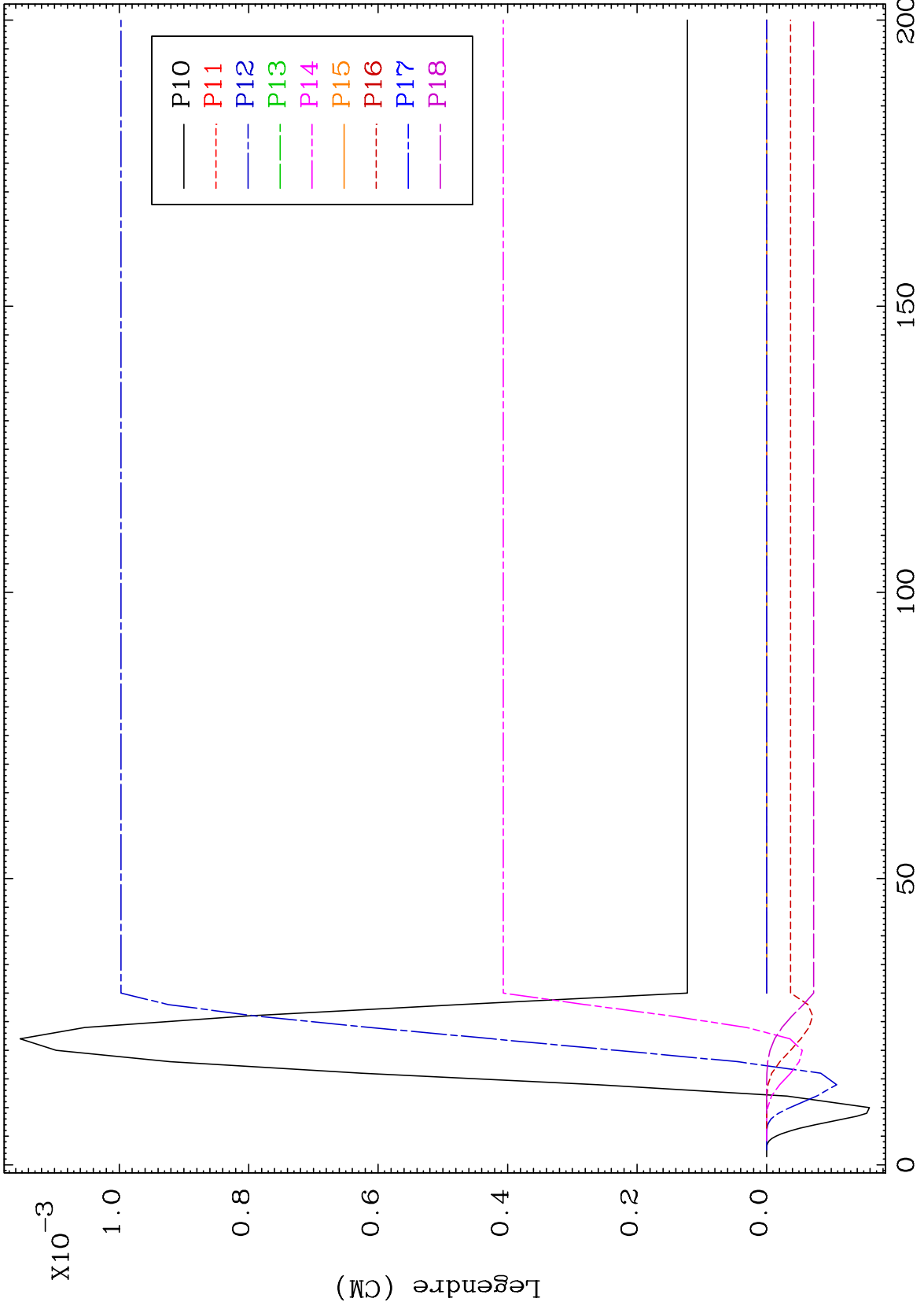
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185

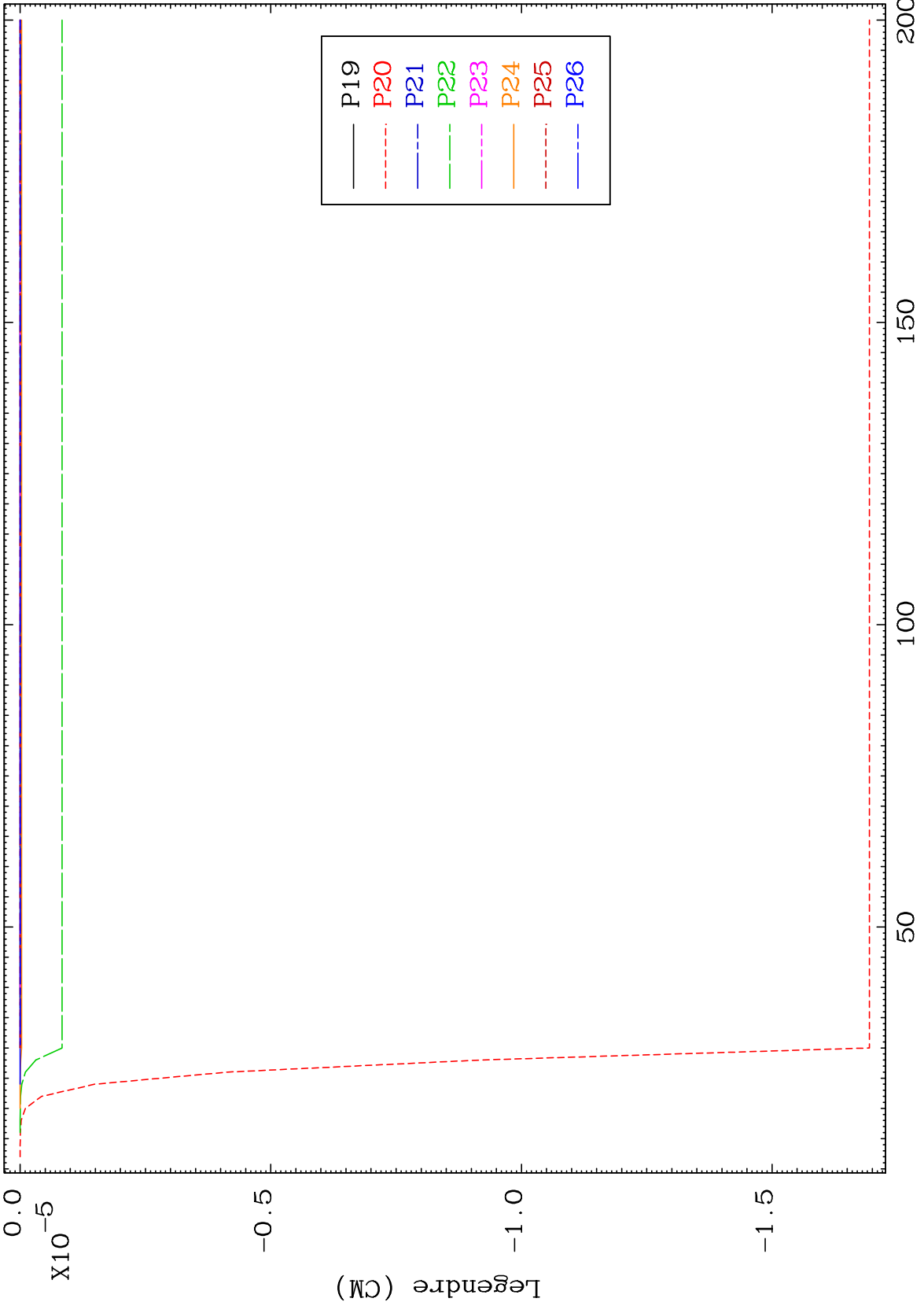


102

Incident Energy (MeV)

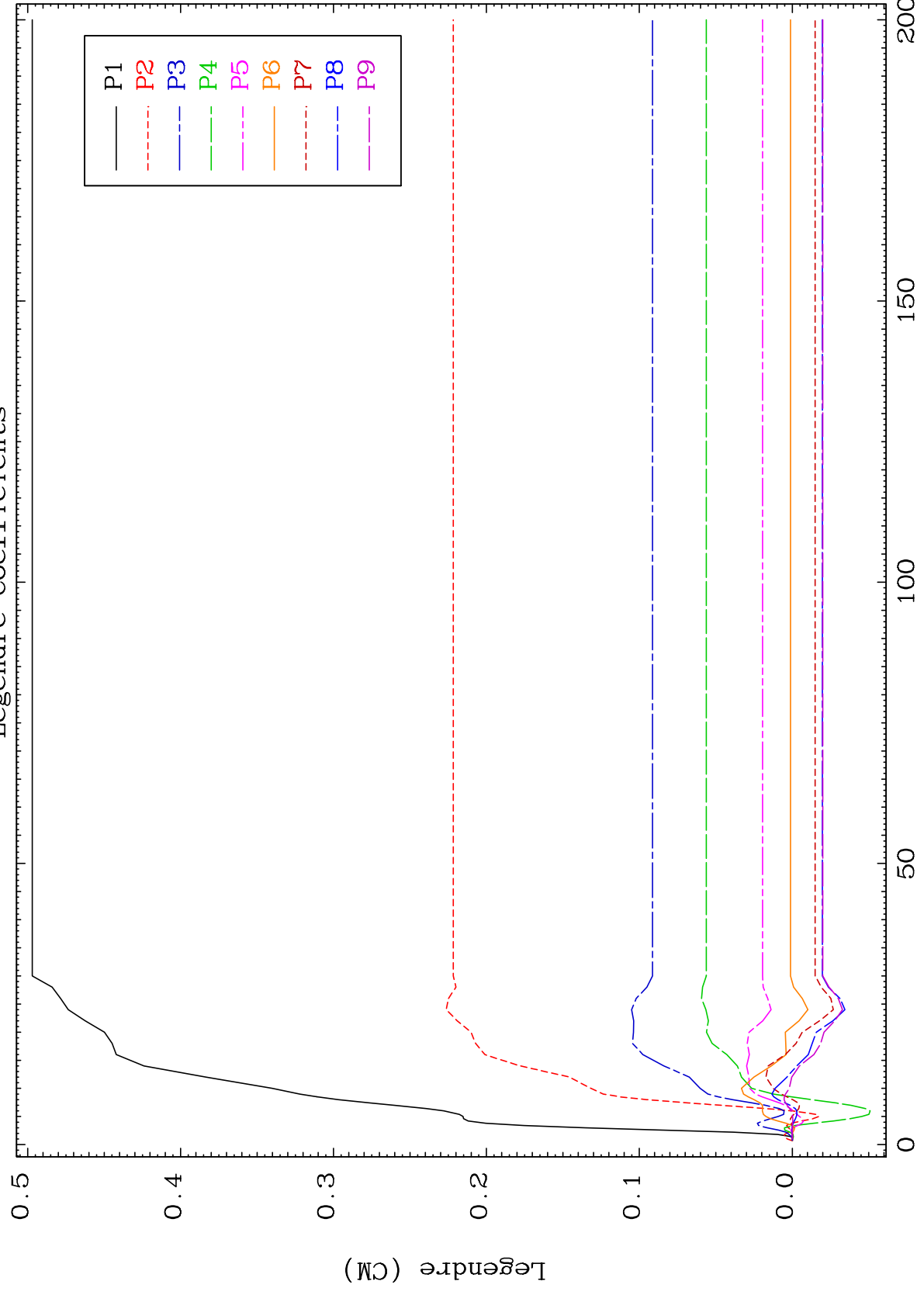
78-Pt-185

MAT 7810 MT= 73 (n,n') Level Legendre Coefficients 78-Pt-185



103 78-Pt-185

MAT 7810 MT= 74 (n,n') Level Legendre Coefficients 78-Pt-185

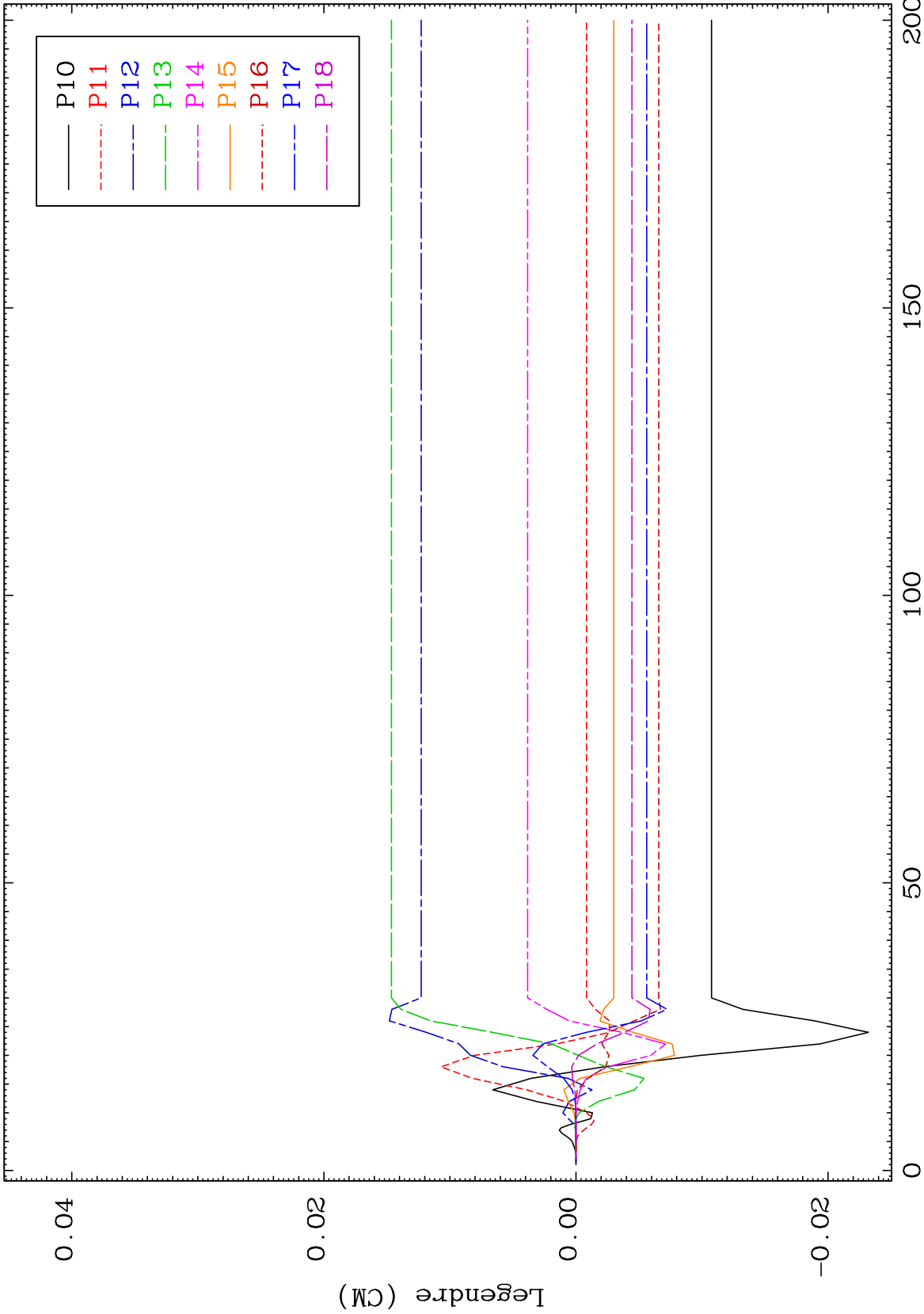


104 Incident Energy (MeV) 78-Pt-185

MAT 7810

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

78-Pt-185



78-Pt-185

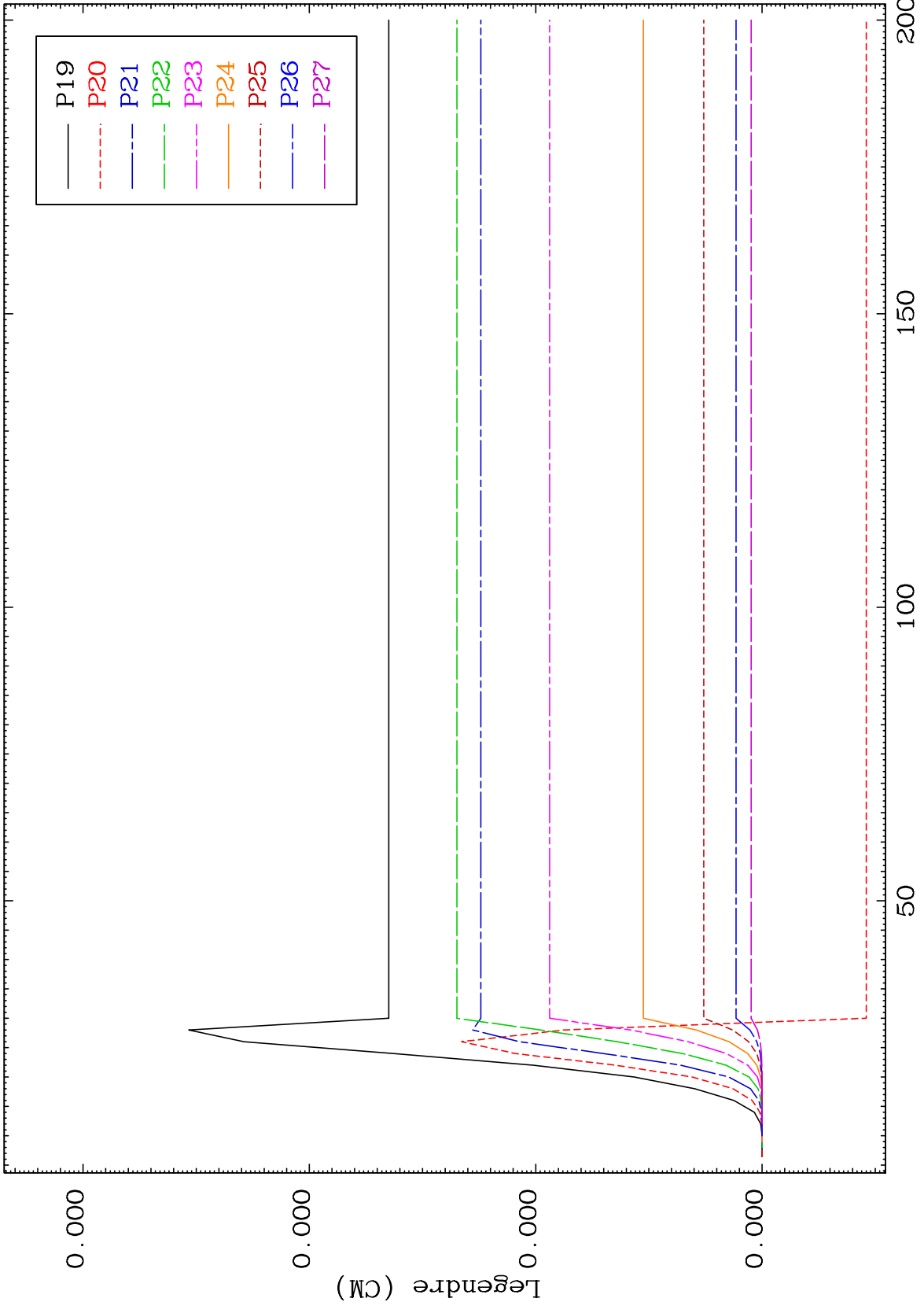
Incident Energy (MeV)

105

MAT 7810

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

78-Pt-185



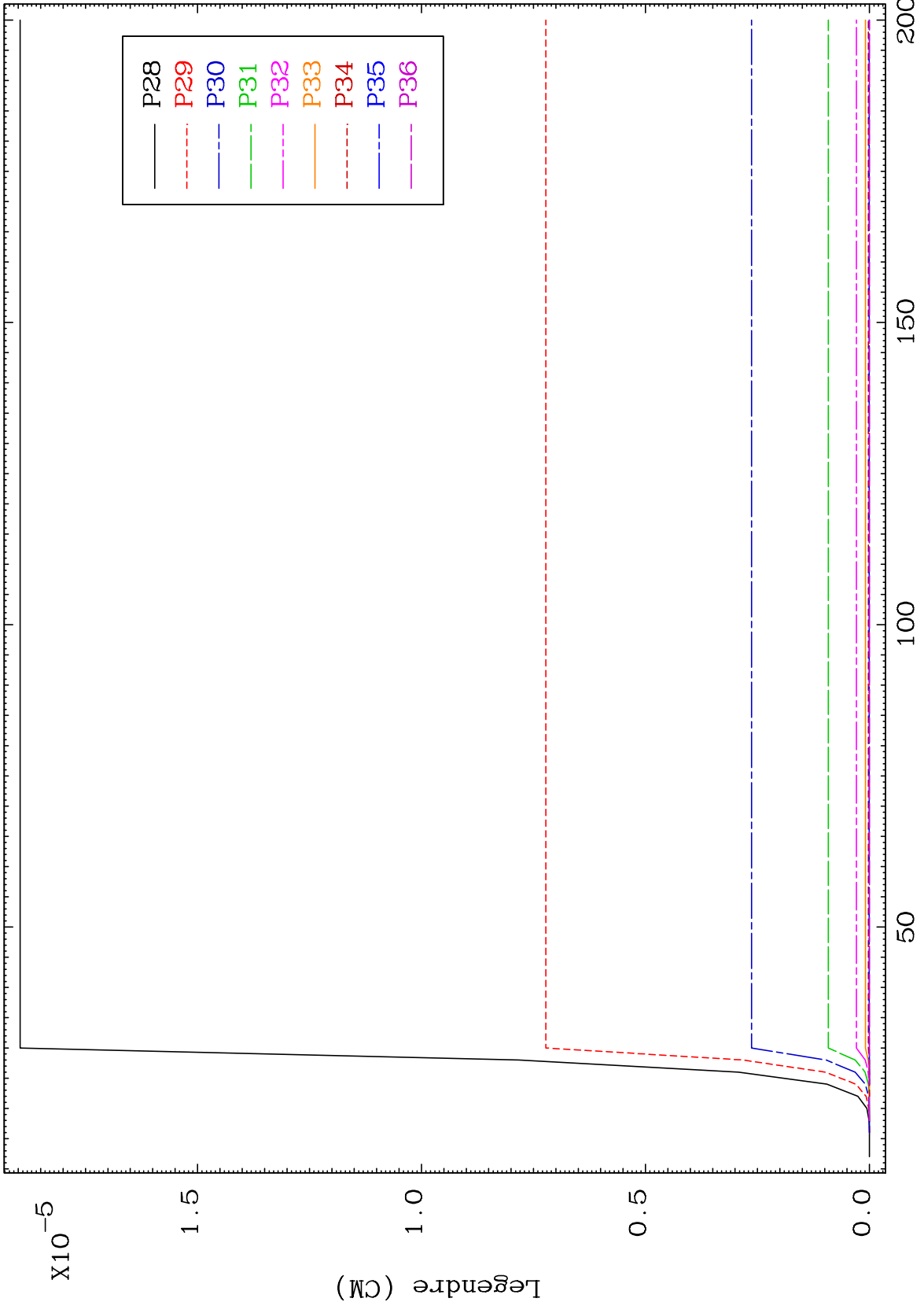
106

78-Pt-185

MAT 7810

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

78-Pt-185



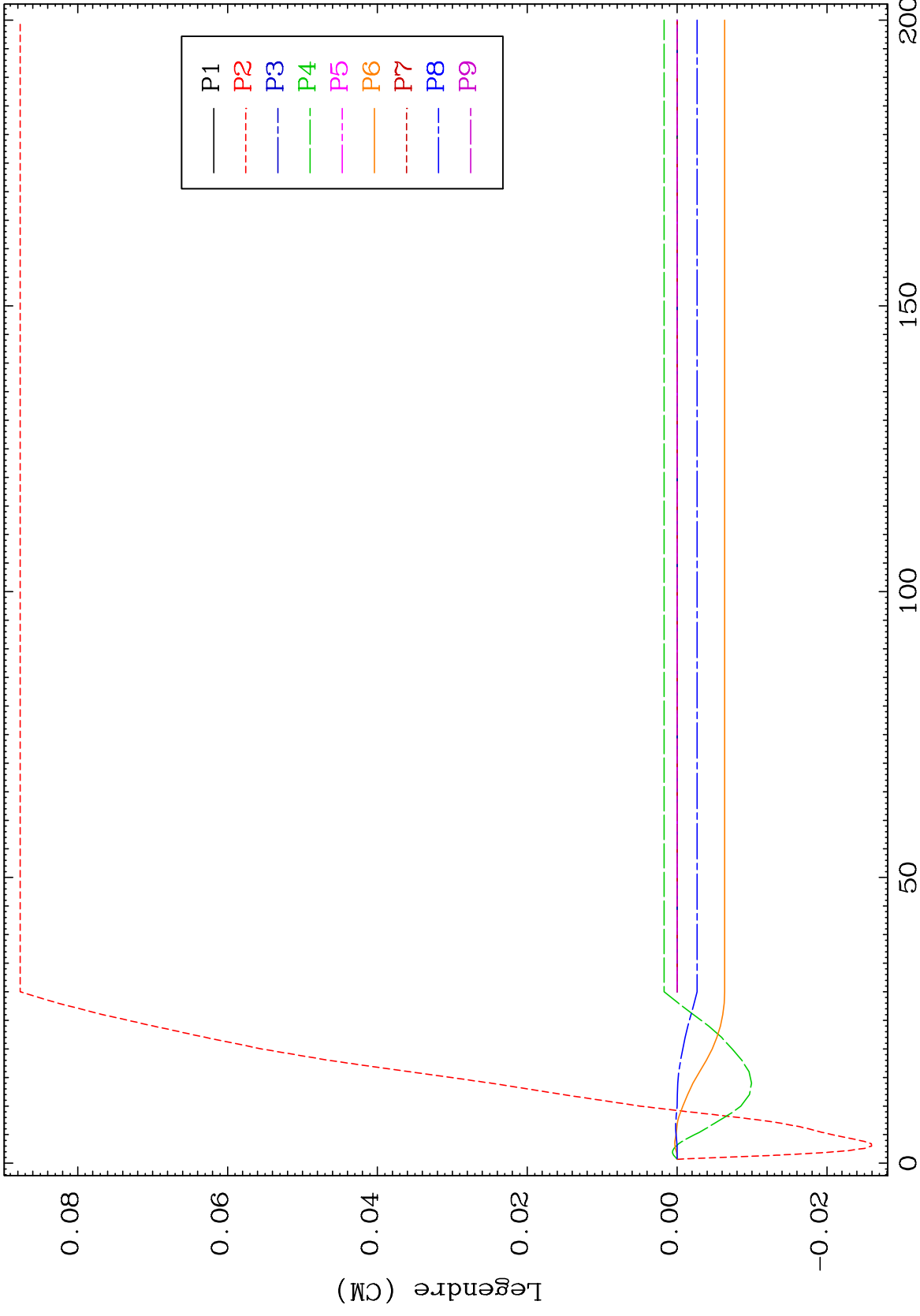
107

78-Pt-185

MAT 7810

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

78-Pt-185



78-Pt-185

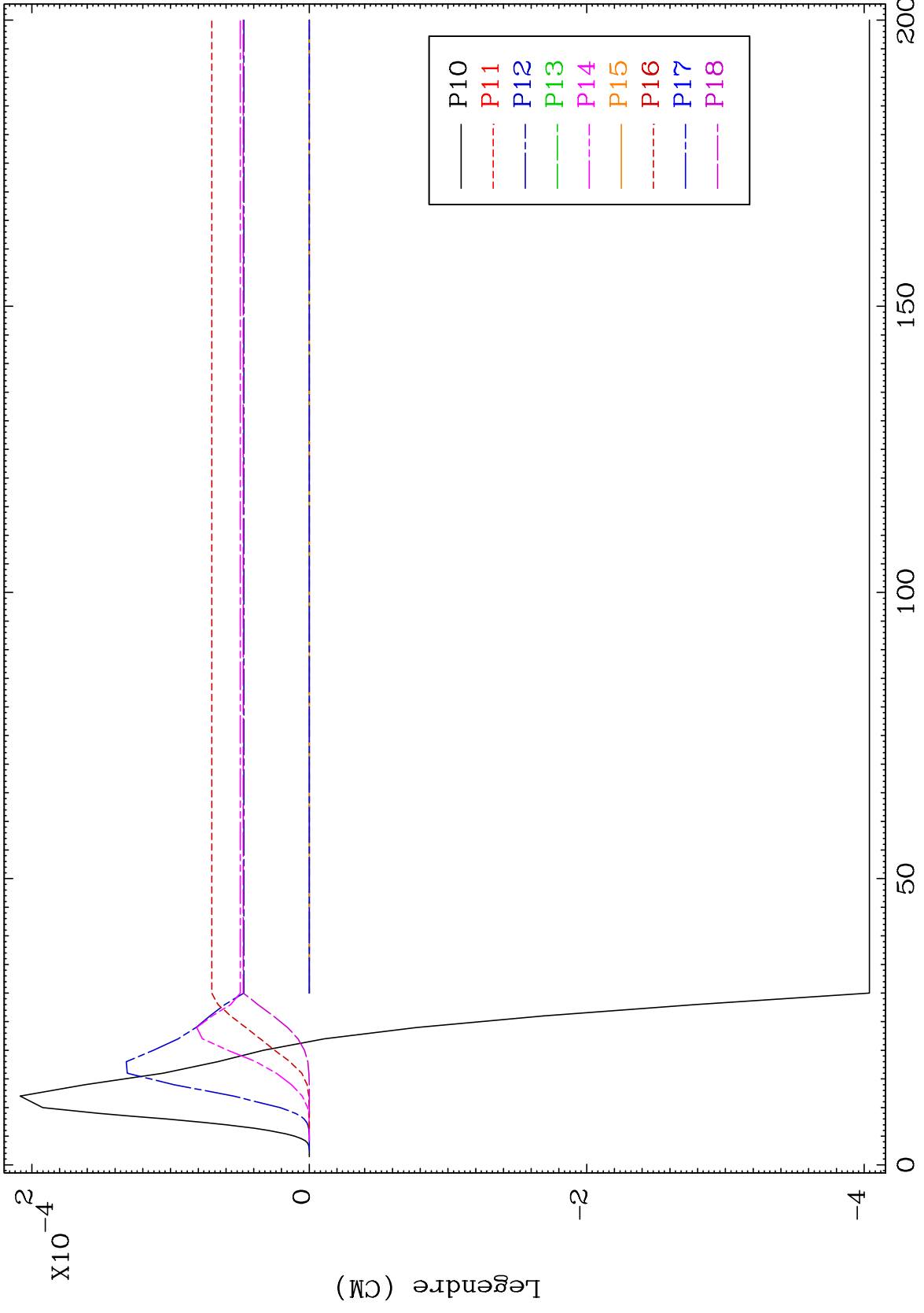
Incident Energy (MeV)

108

MAT 7810

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

78-Pt-185

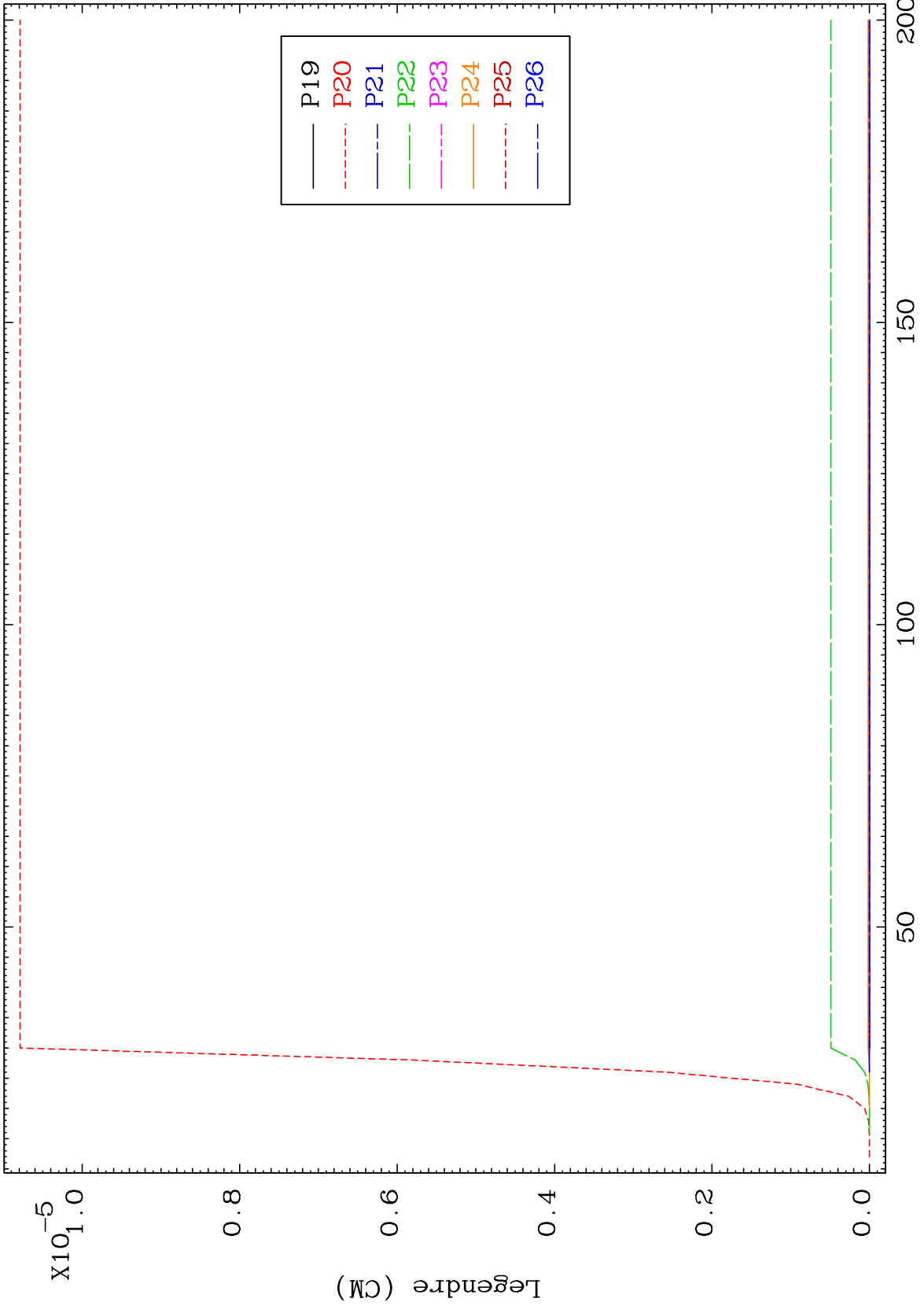


109

Incident Energy (MeV)

78-Pt-185

MAT 7810 MT= 75 (n,n') Level Legendre Coefficients 78-Pt-185

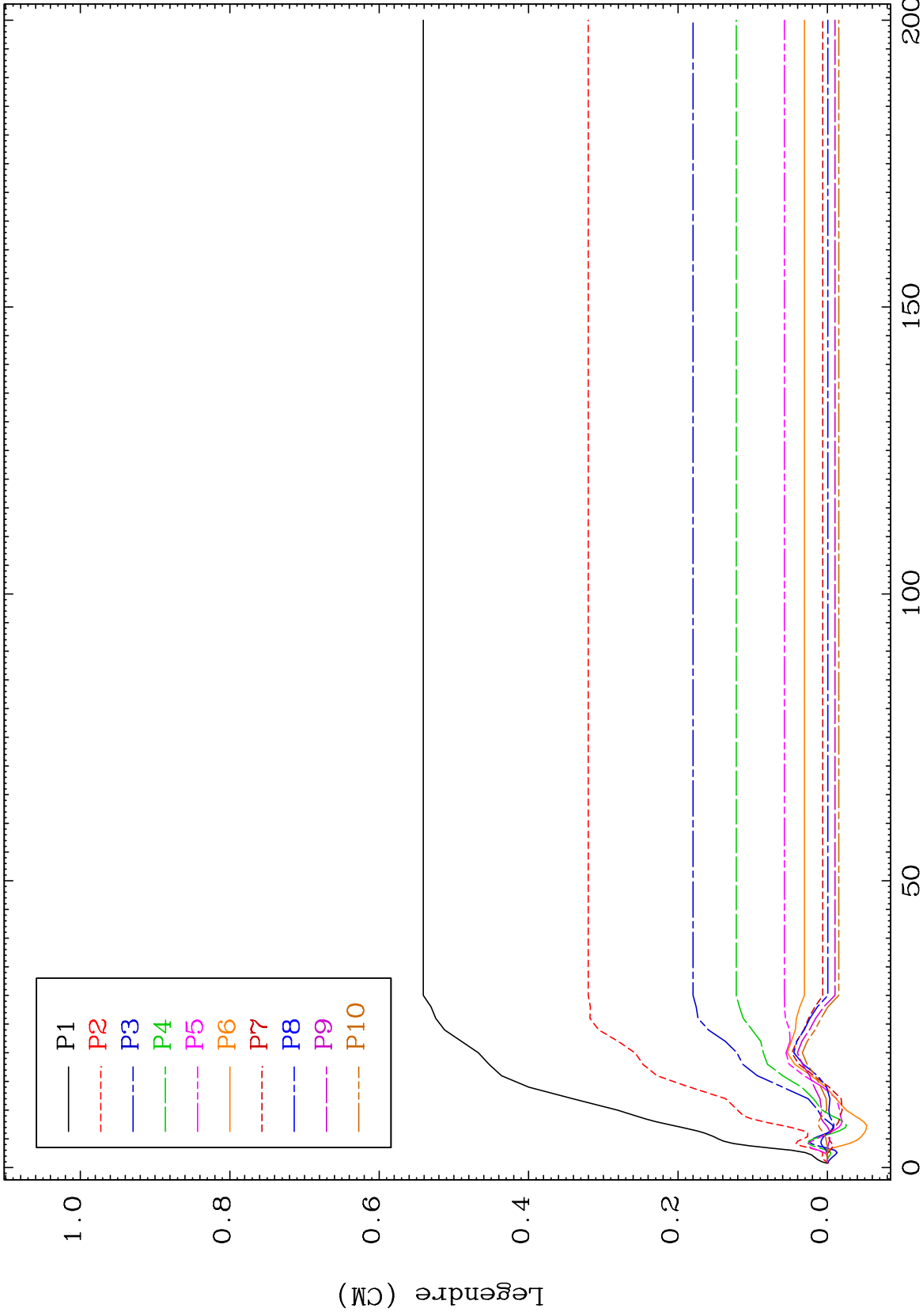


110 Incident Energy (MeV) 78-Pt-185

MAT 7810

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

78-Pt-185



111

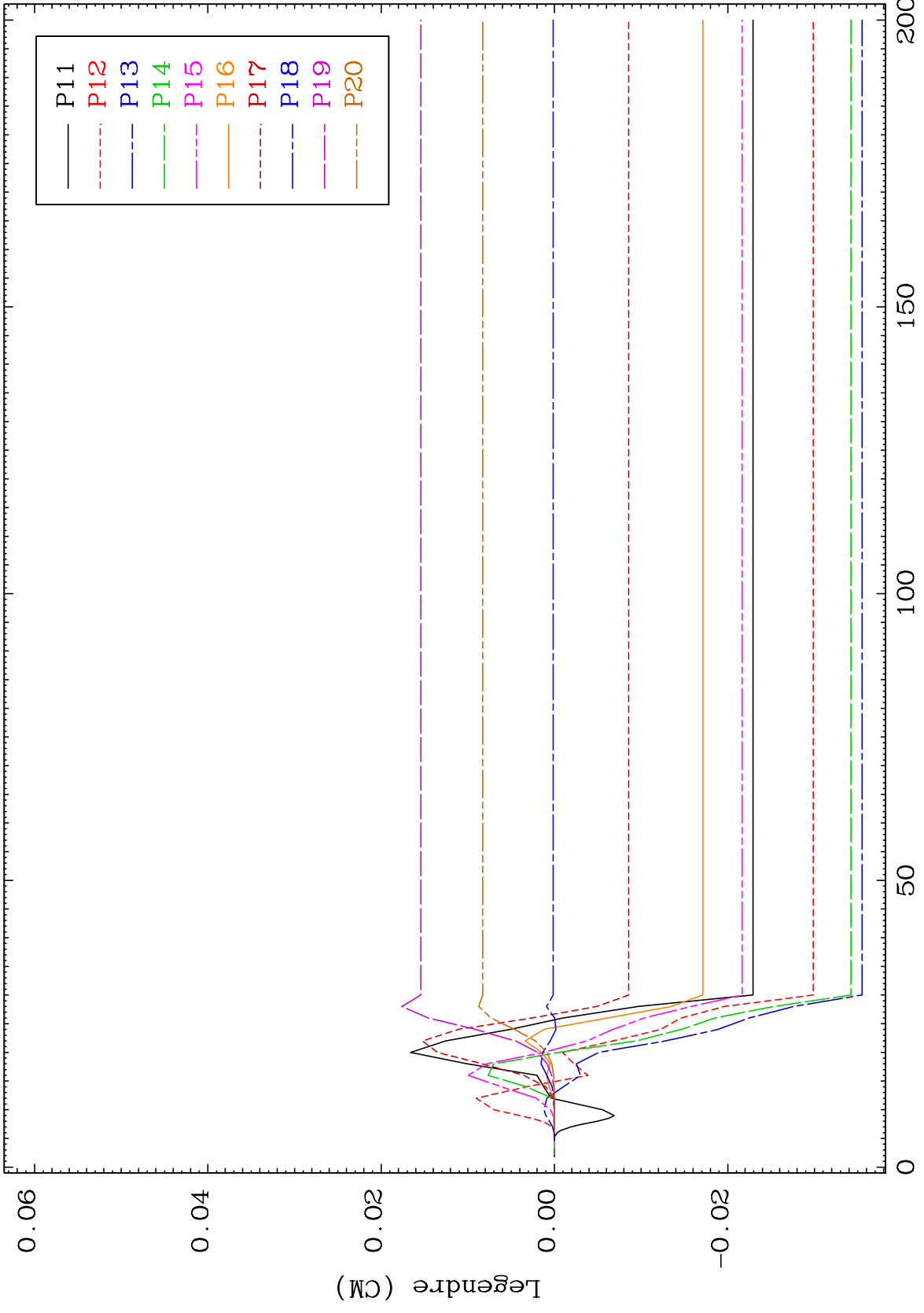
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



112

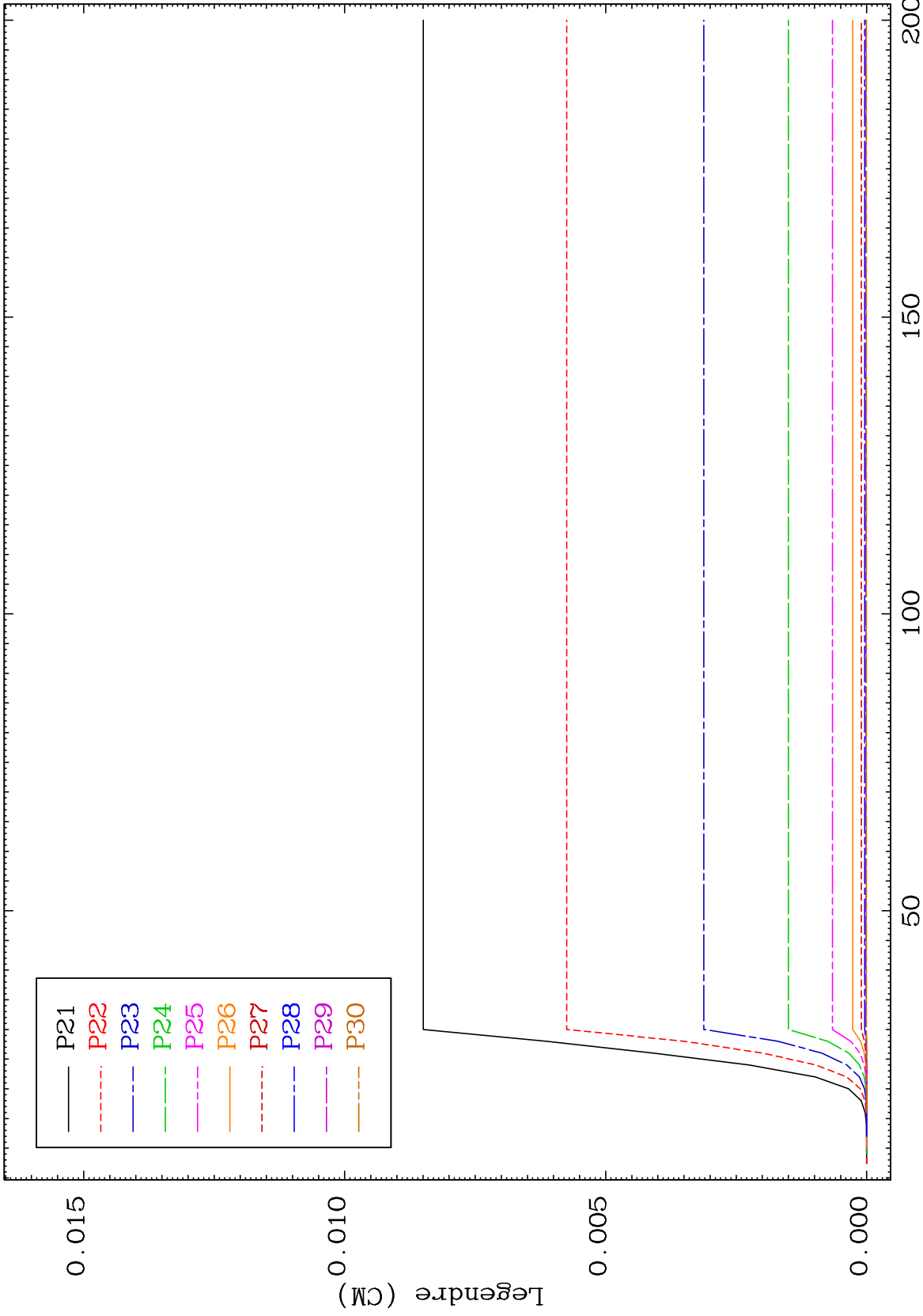
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



113

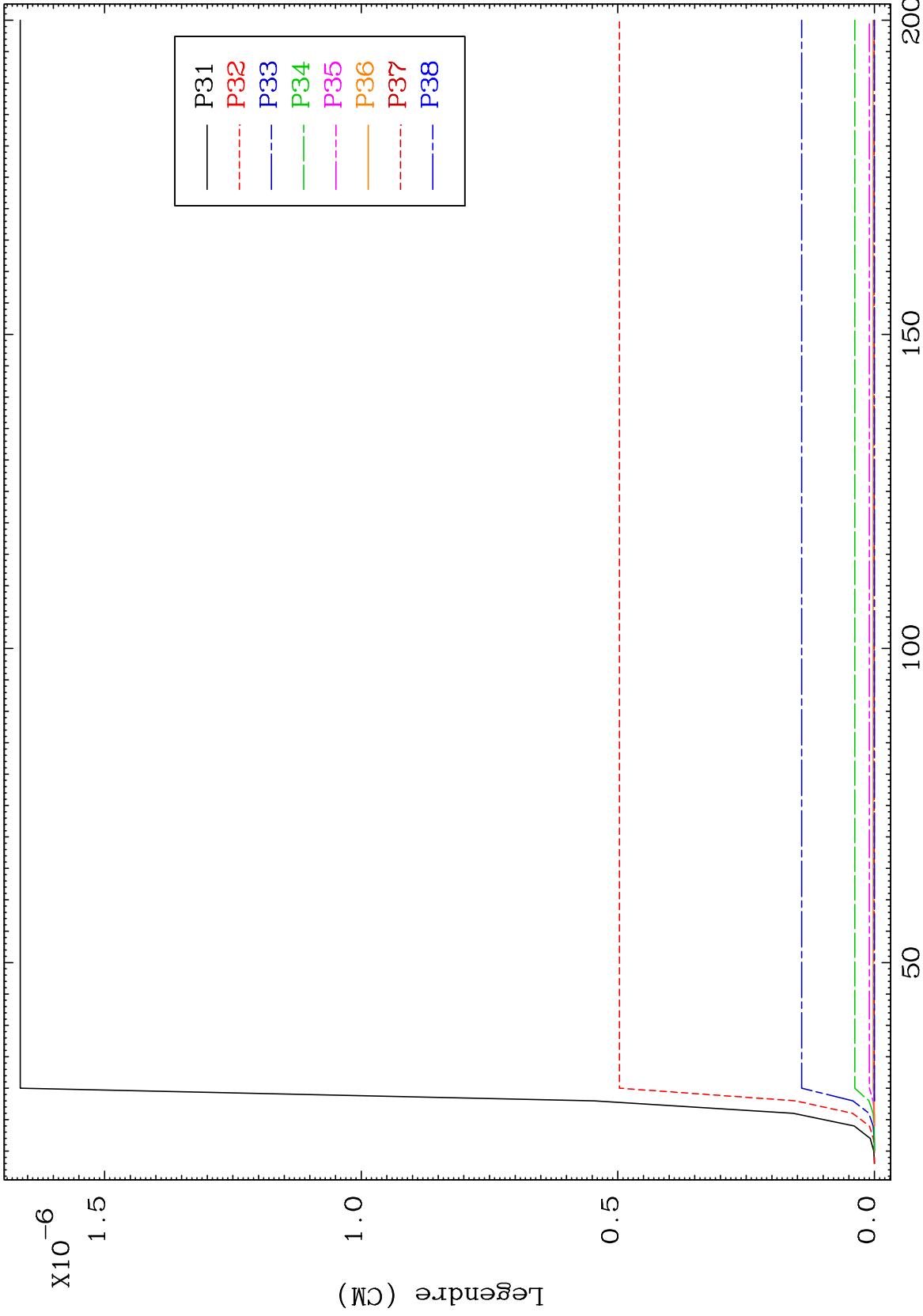
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



114

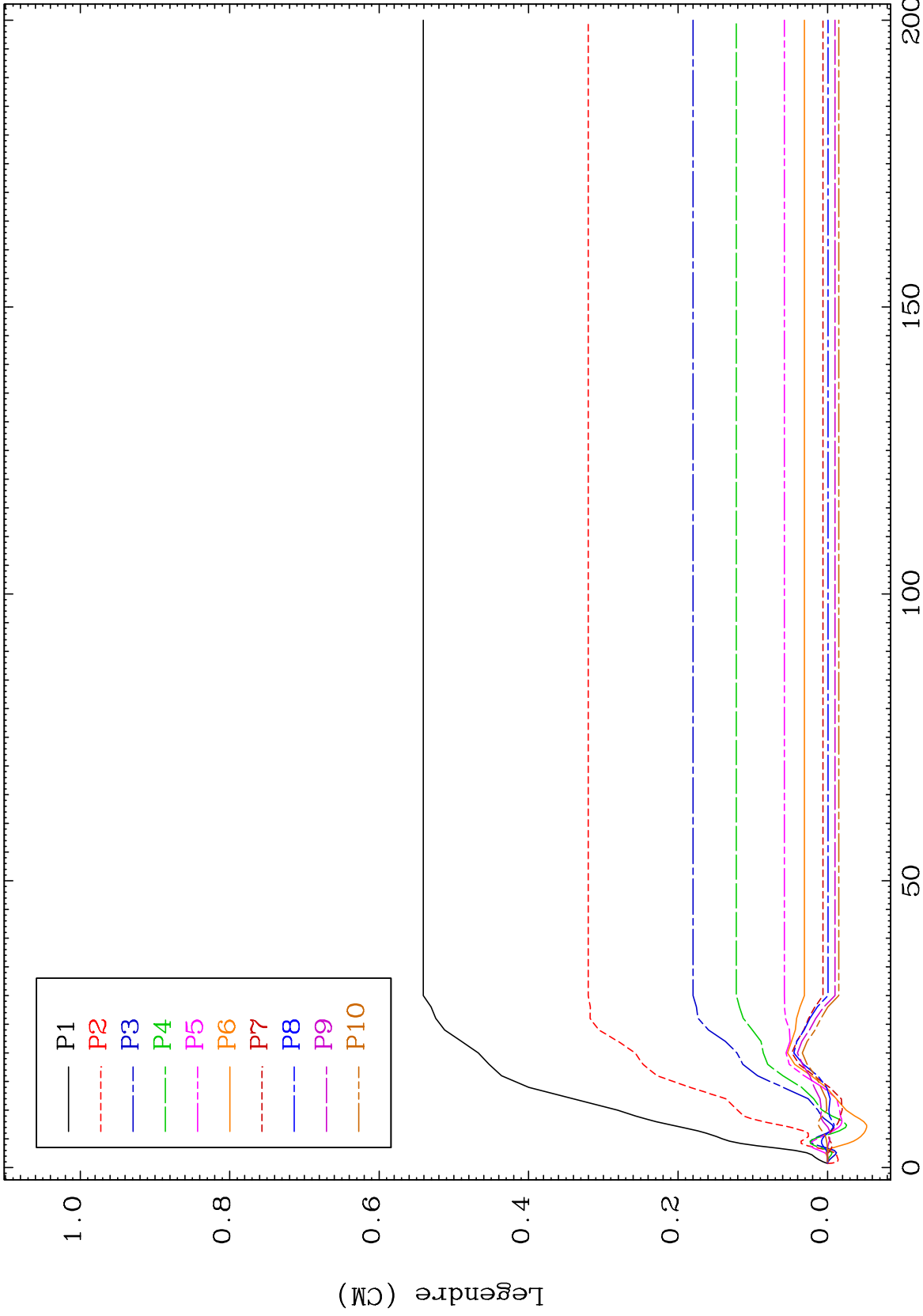
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



115

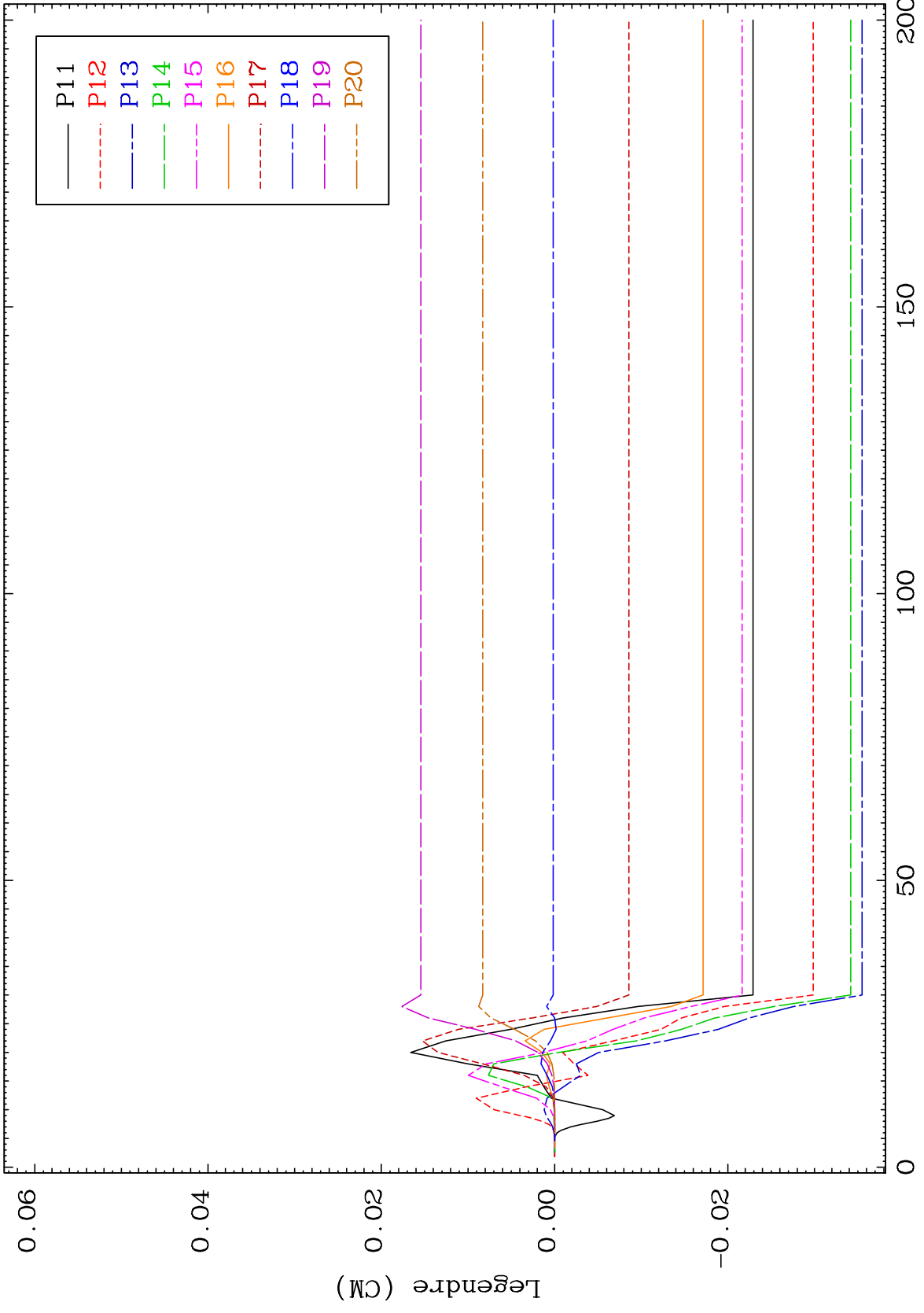
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

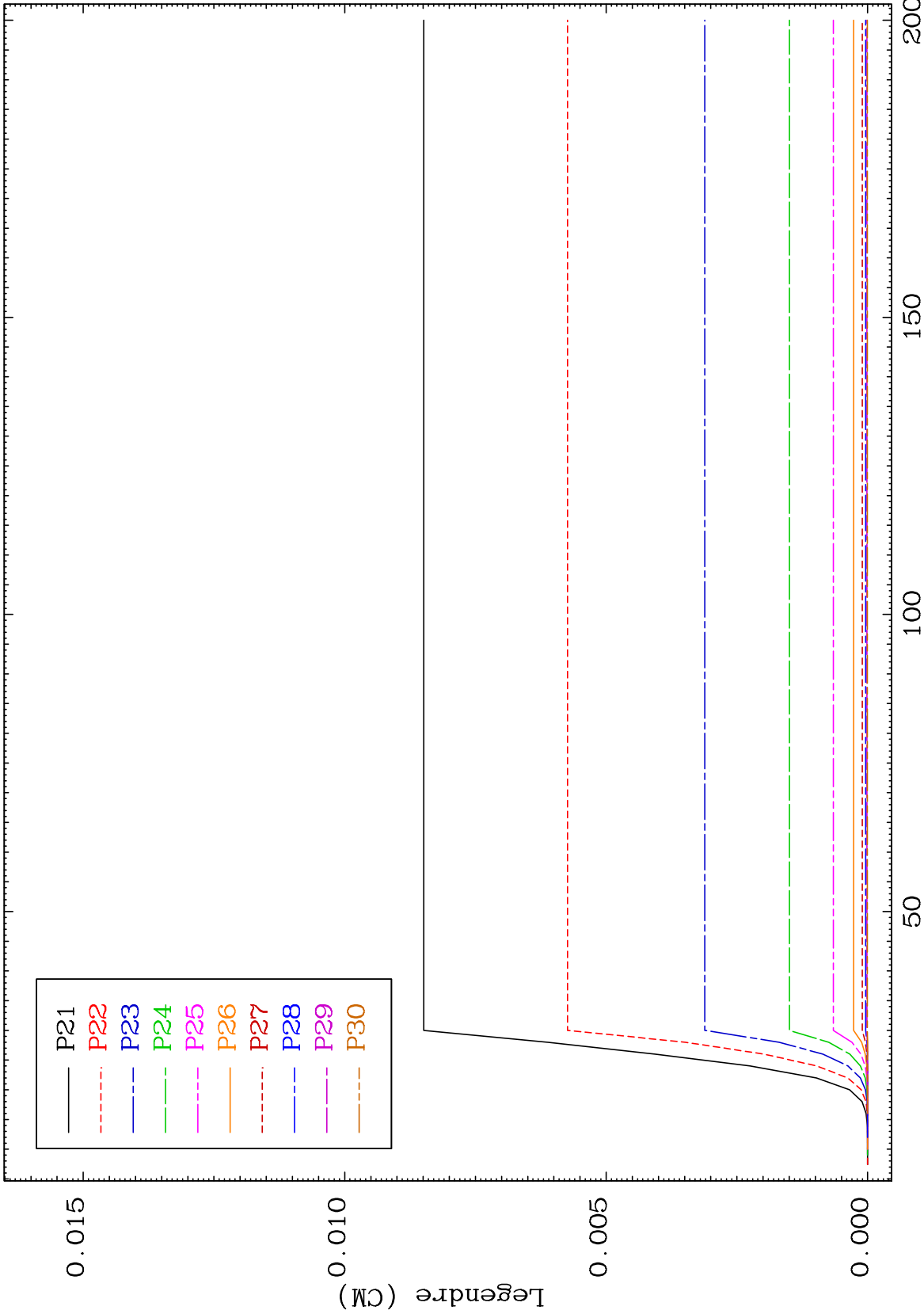
78-Pt-185



116

Incident Energy (MeV)

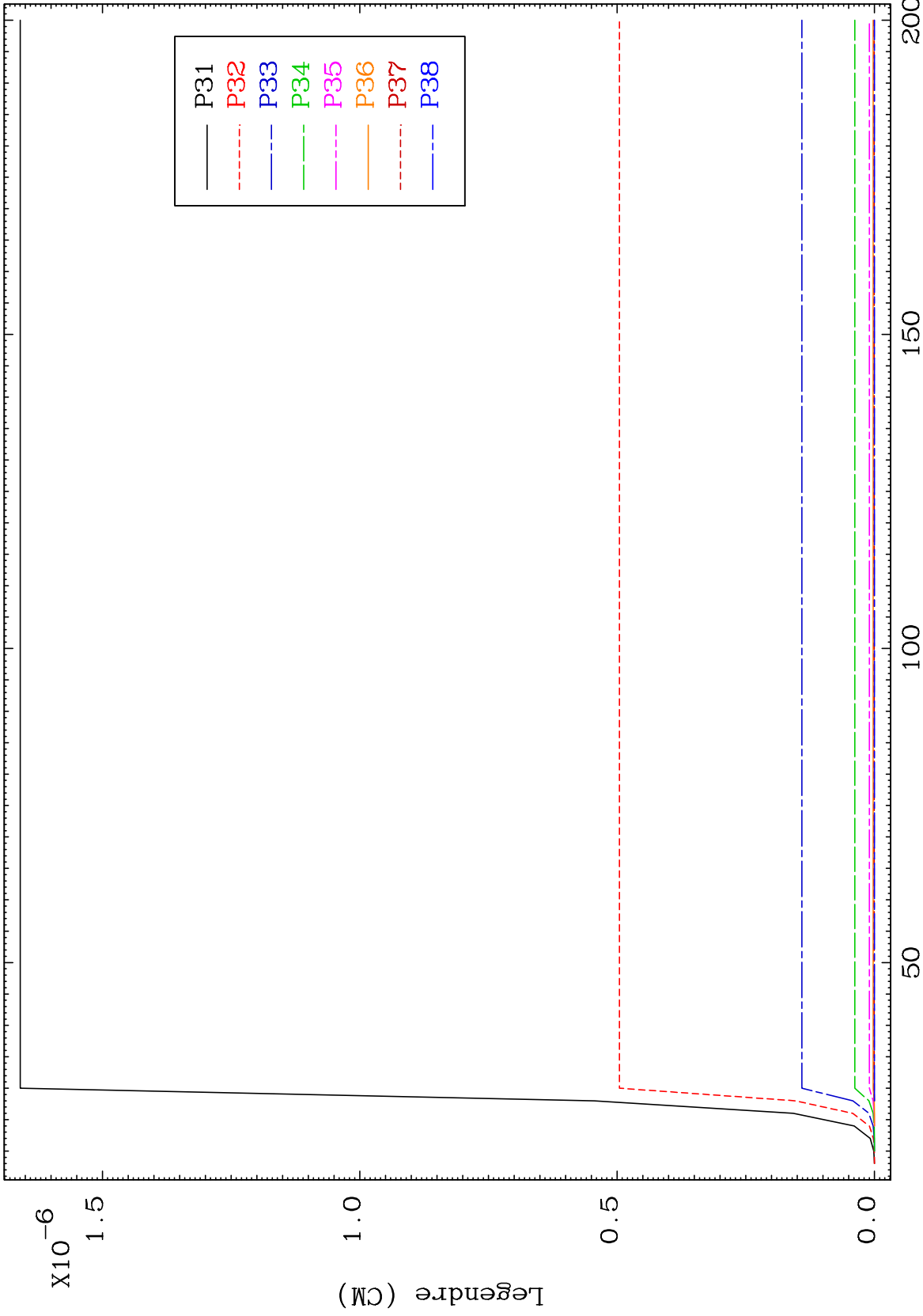
78-Pt-185



MAT 7810

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

78-Pt-185

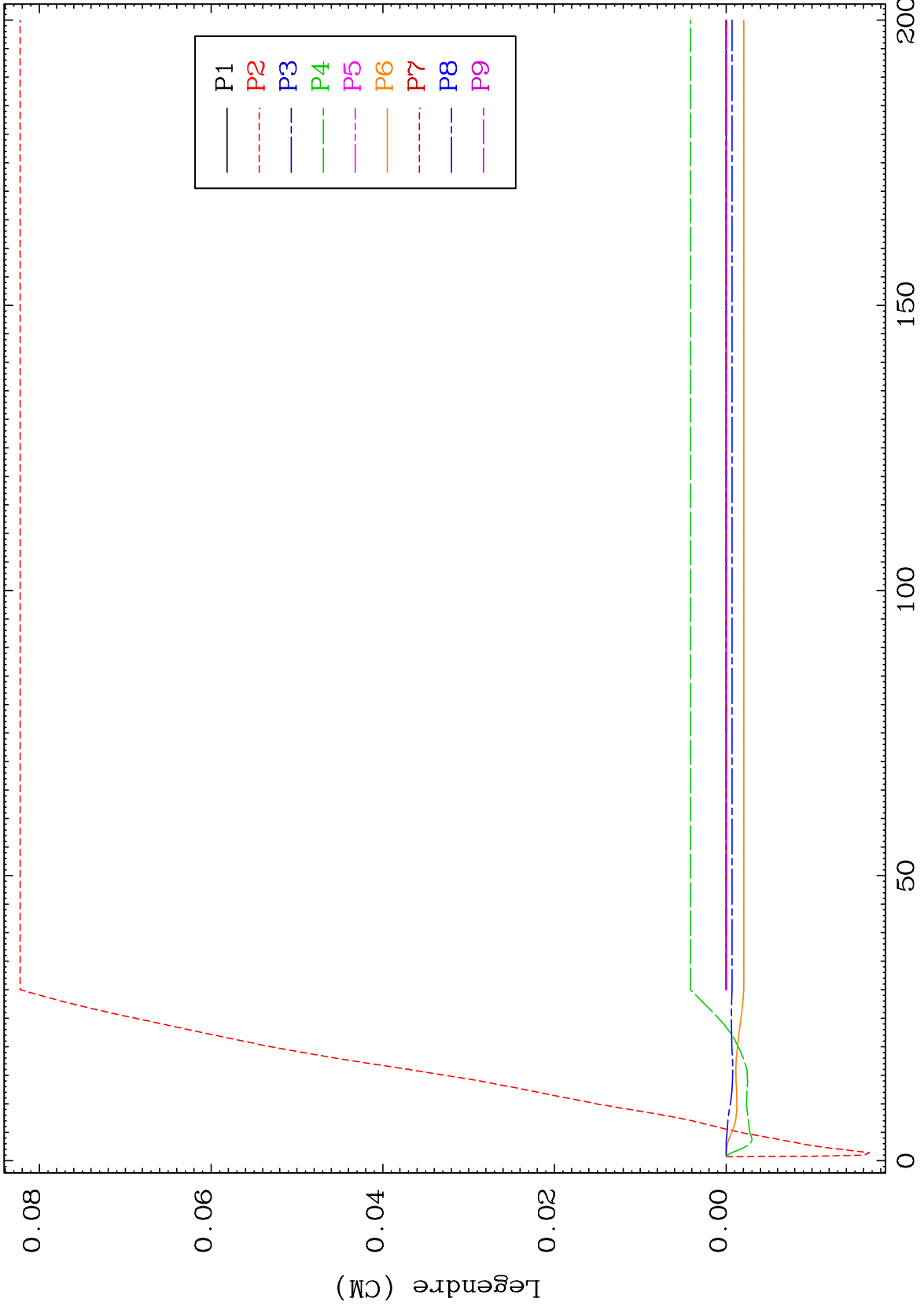


118

Incident Energy (MeV)

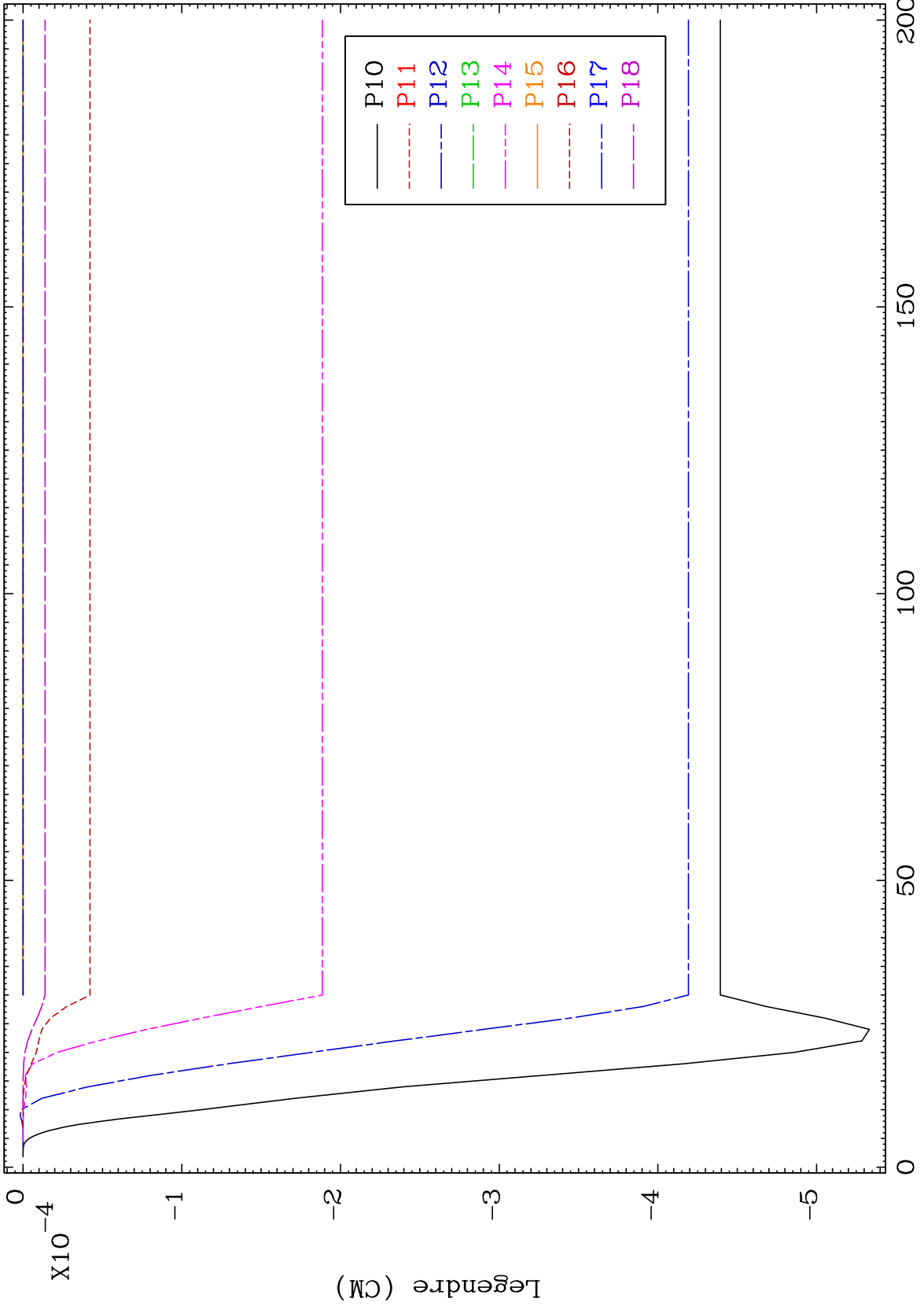
78-Pt-185

MAT 7810 MT= 78 (n,n') Level Legendre Coefficients 78-Pt-185



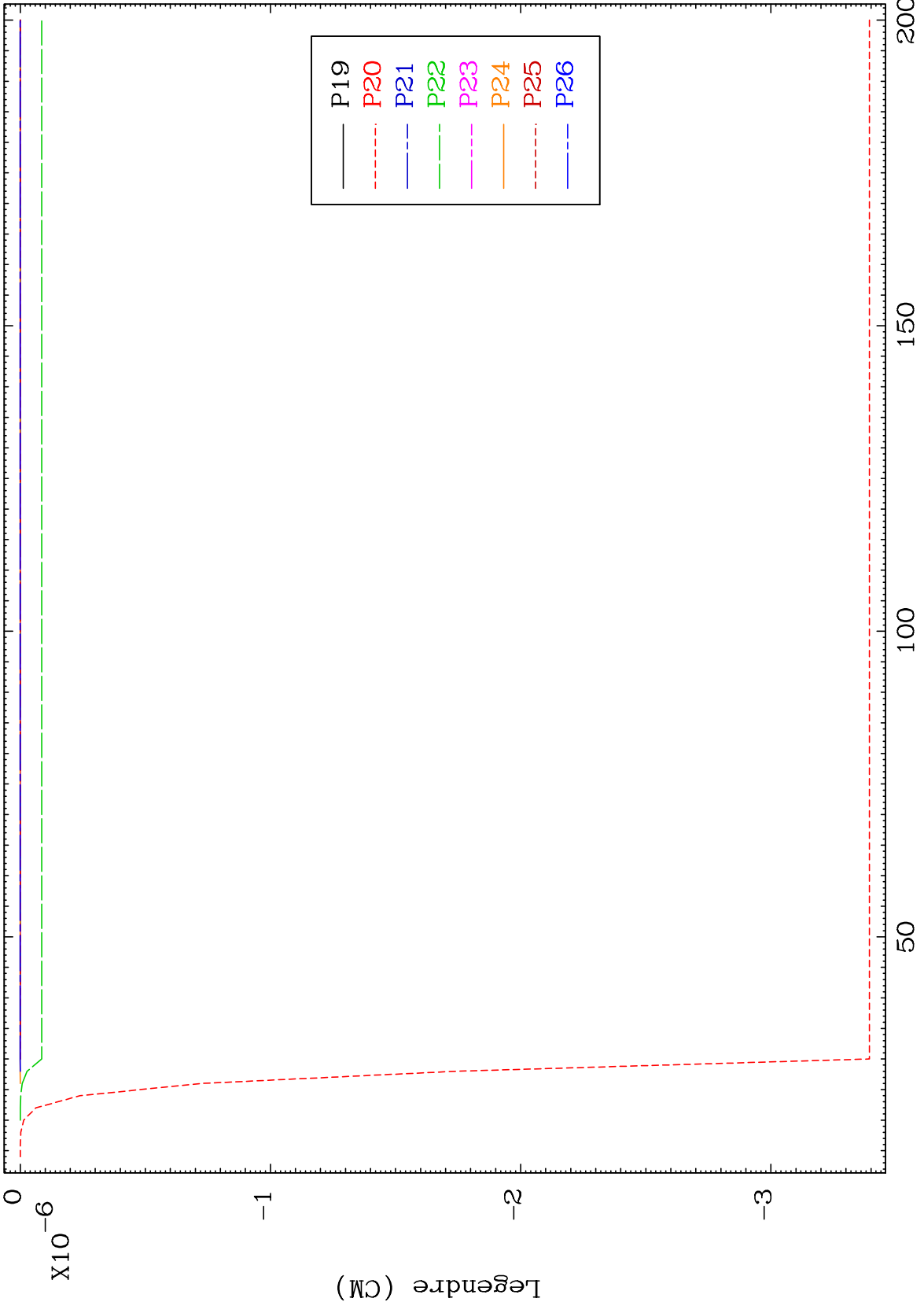
119 78-Pt-185

MAT 7810 MT= 78 (n,n') Level Legendre Coefficients 78-Pt-185

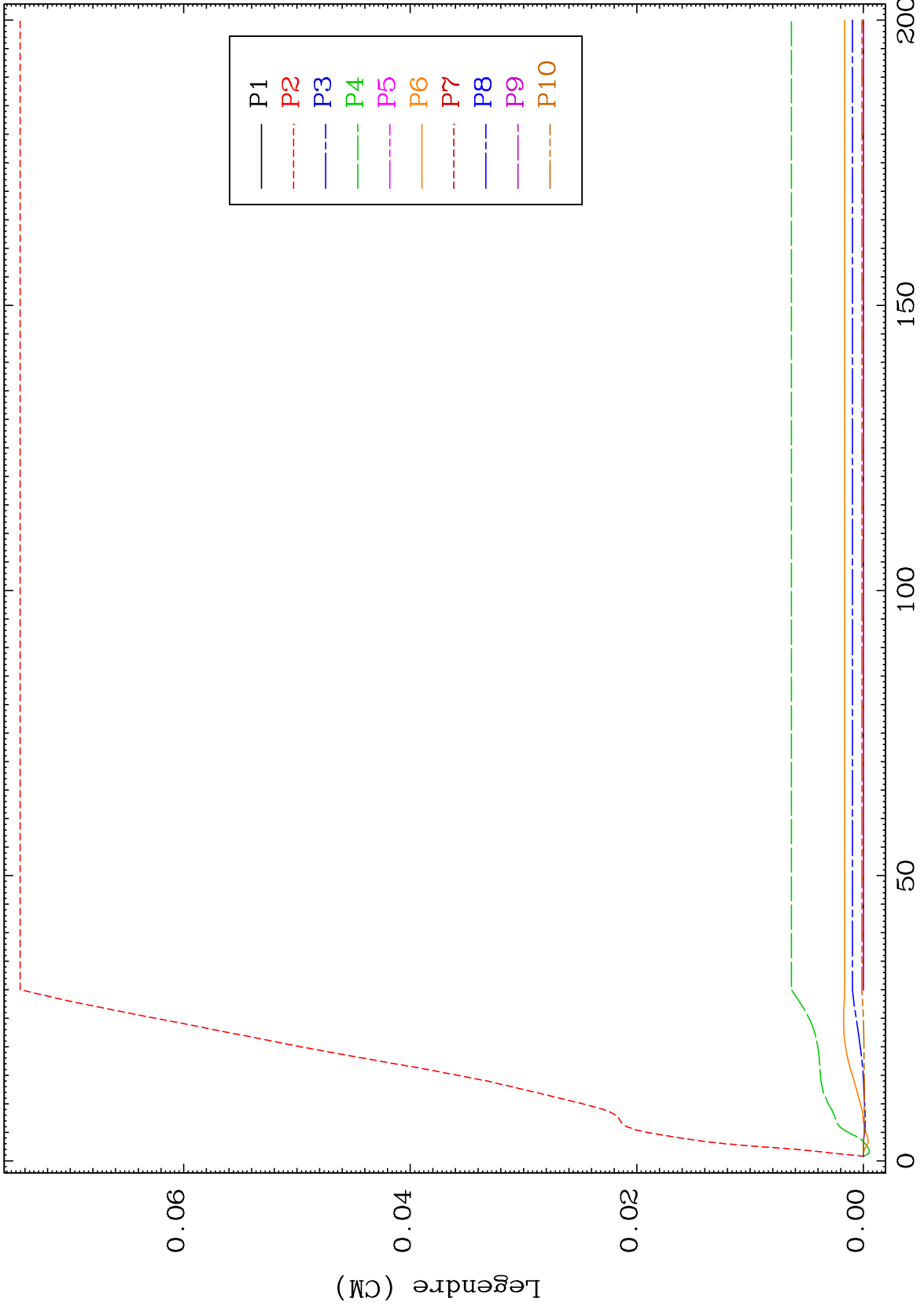


Incident Energy (MeV) 78-Pt-185

MAT 7810 MT= 78 (n,n') Level Legendre Coefficients 78-Pt-185



MAT 7810 MT= 79 (n,n') Level Legendre Coefficients 78-Pt-185

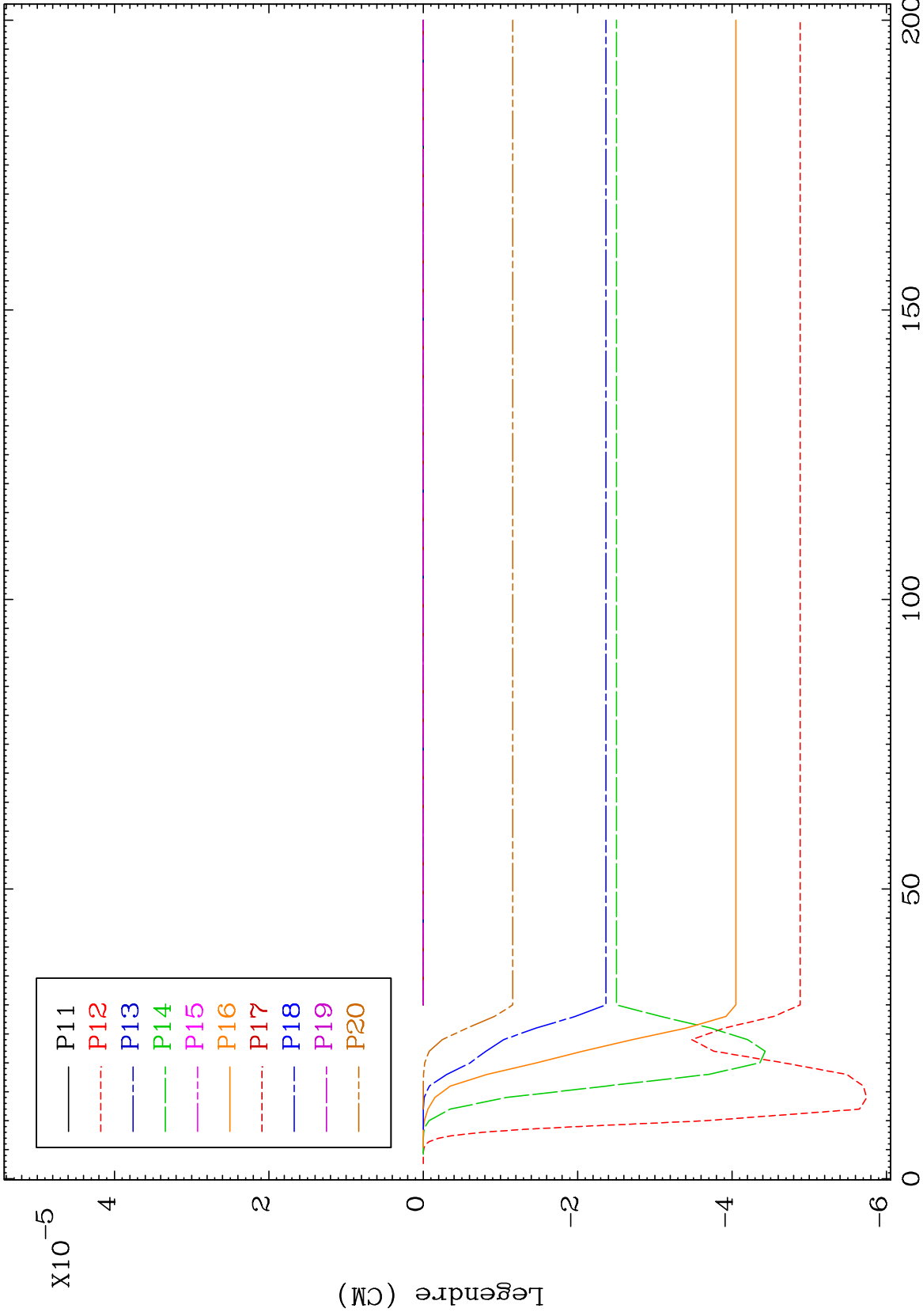


122 Incident Energy (MeV) 78-Pt-185

MAT 7810

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

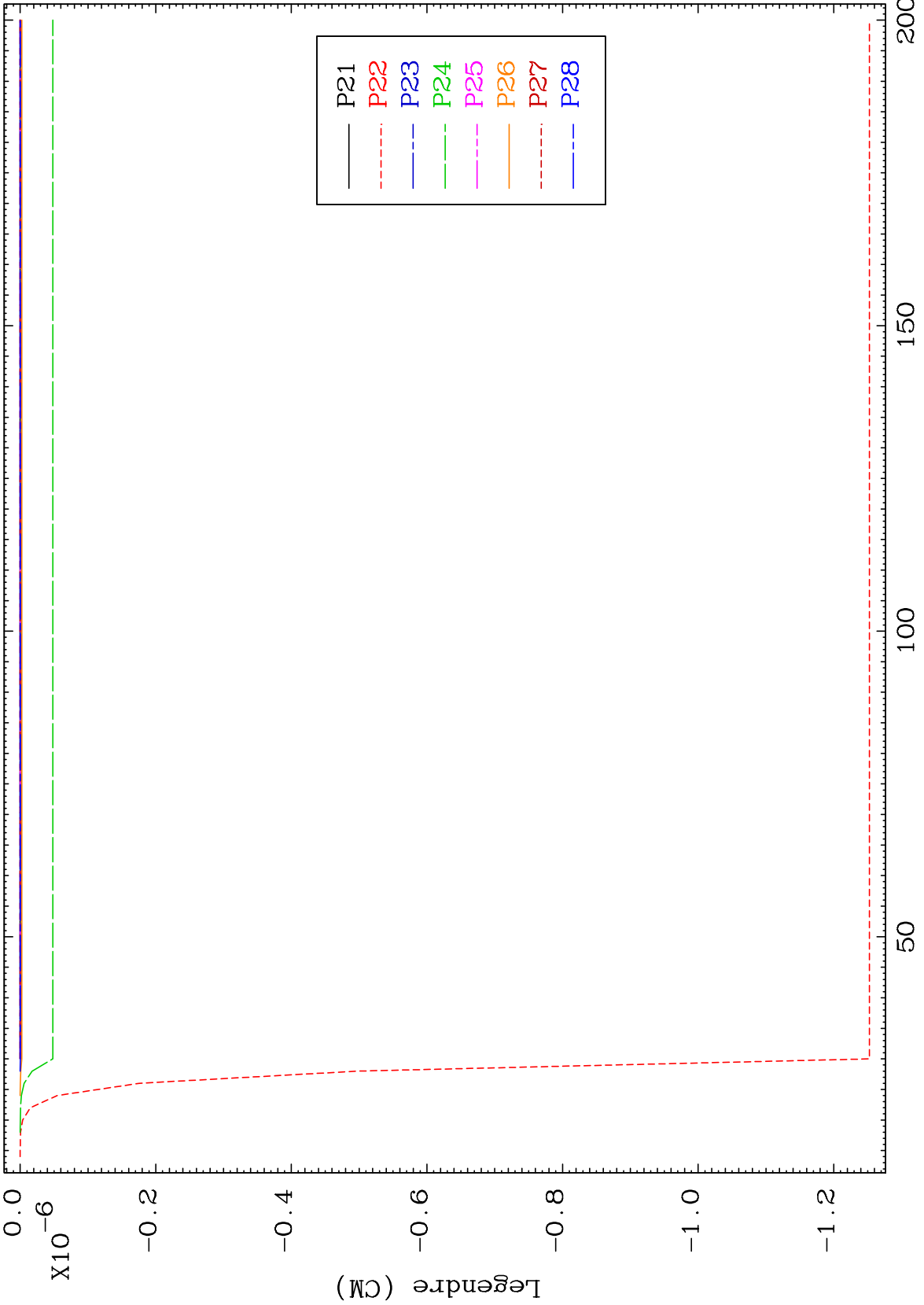
78-Pt-185



123

78-Pt-185

MAT 7810 MT= 79 (n,n') Level Legendre Coefficients 78-Pt-185

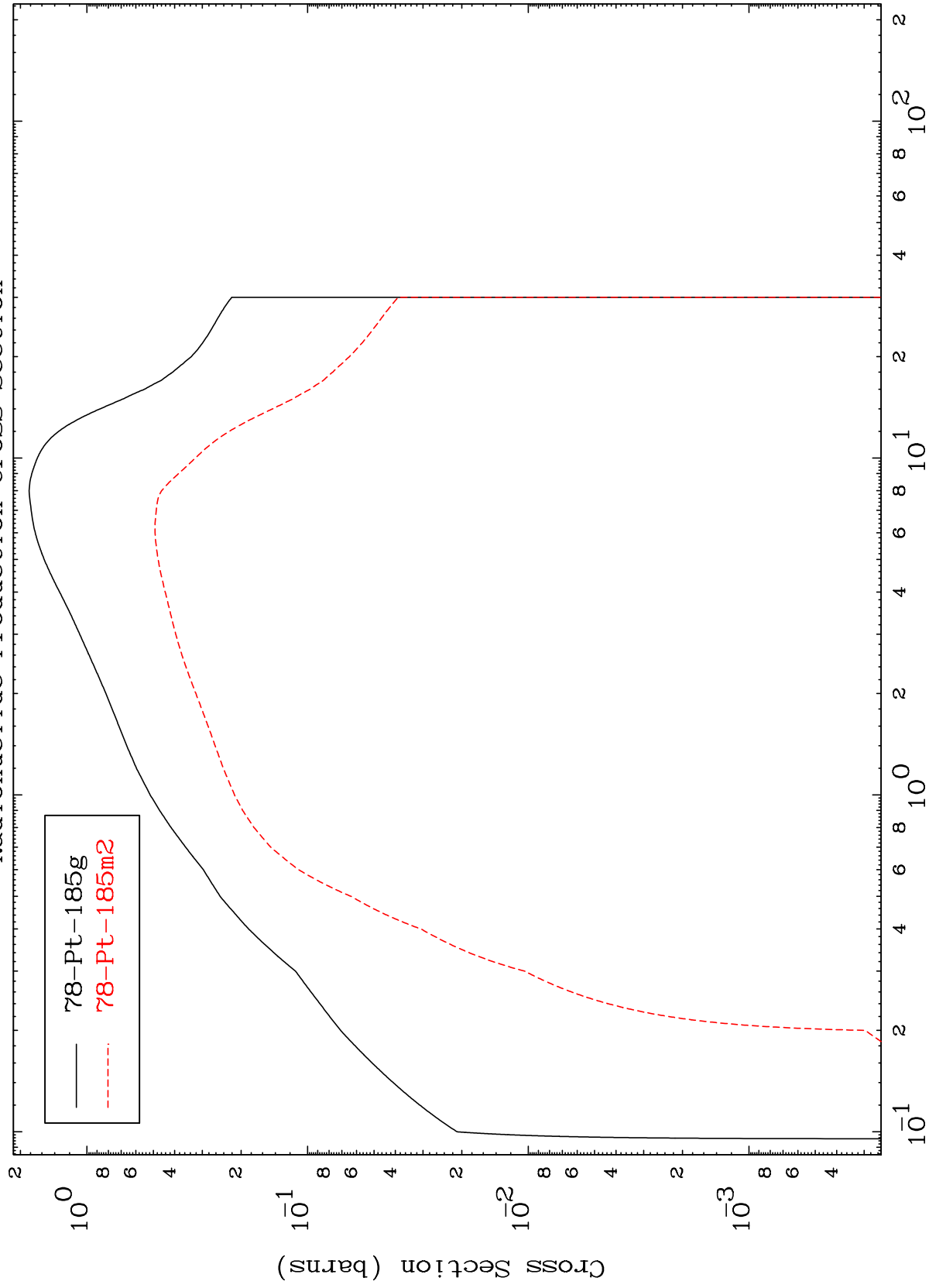


124 78-Pt-185

MAT 7810

Inelastic Radionuclide Production Cross Section

78-Pt-185



125

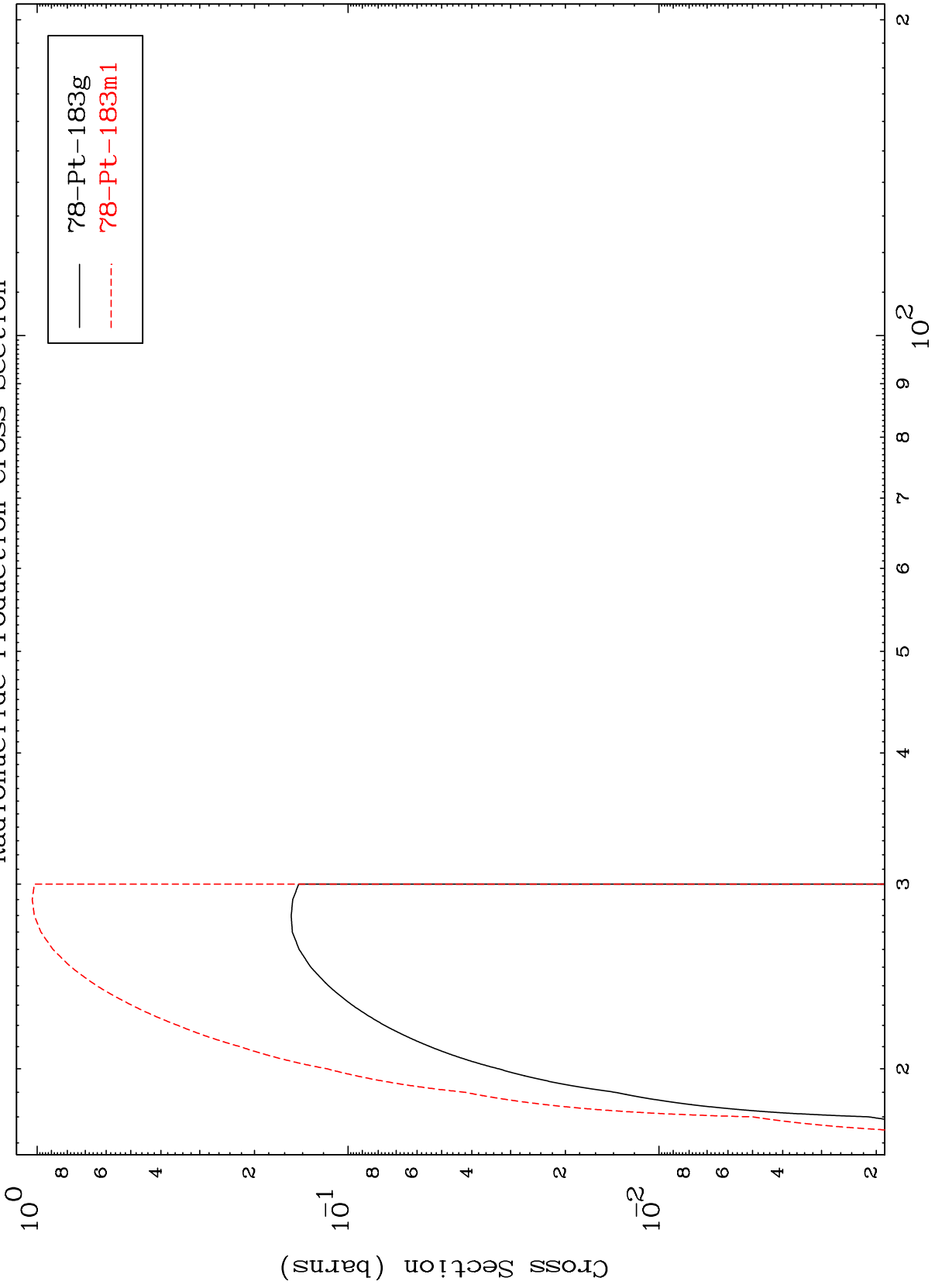
Incident Energy (MeV)

78-Pt-185

MAT 7810

78-Pt-185

(n,3n)
Radionuclide Production Cross Section



126

Incident Energy (MeV)

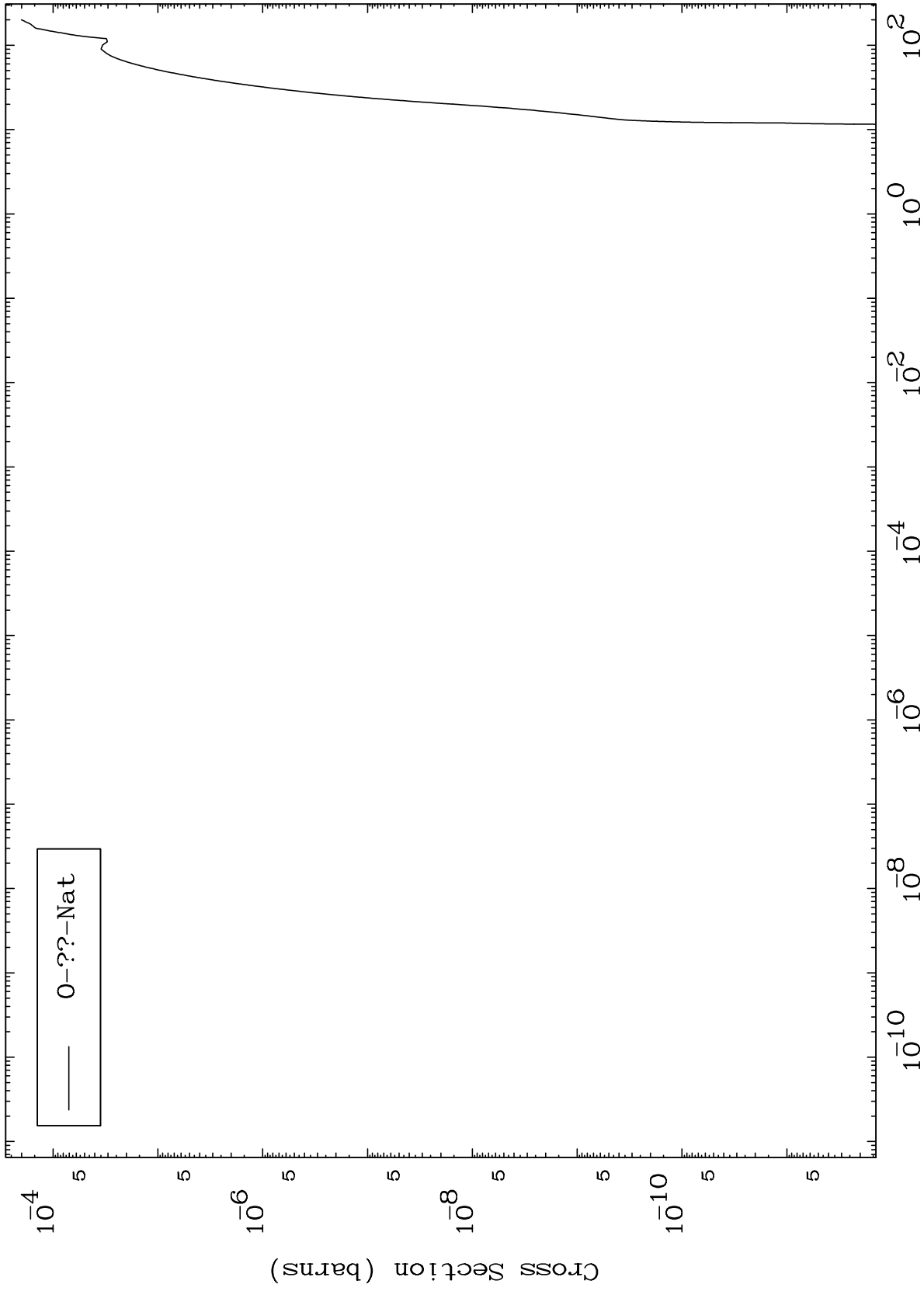
78-Pt-185

MAT 7810

Fission

78-Pt-185

Radionuclide Production Cross Section



127

Incident Energy (MeV)

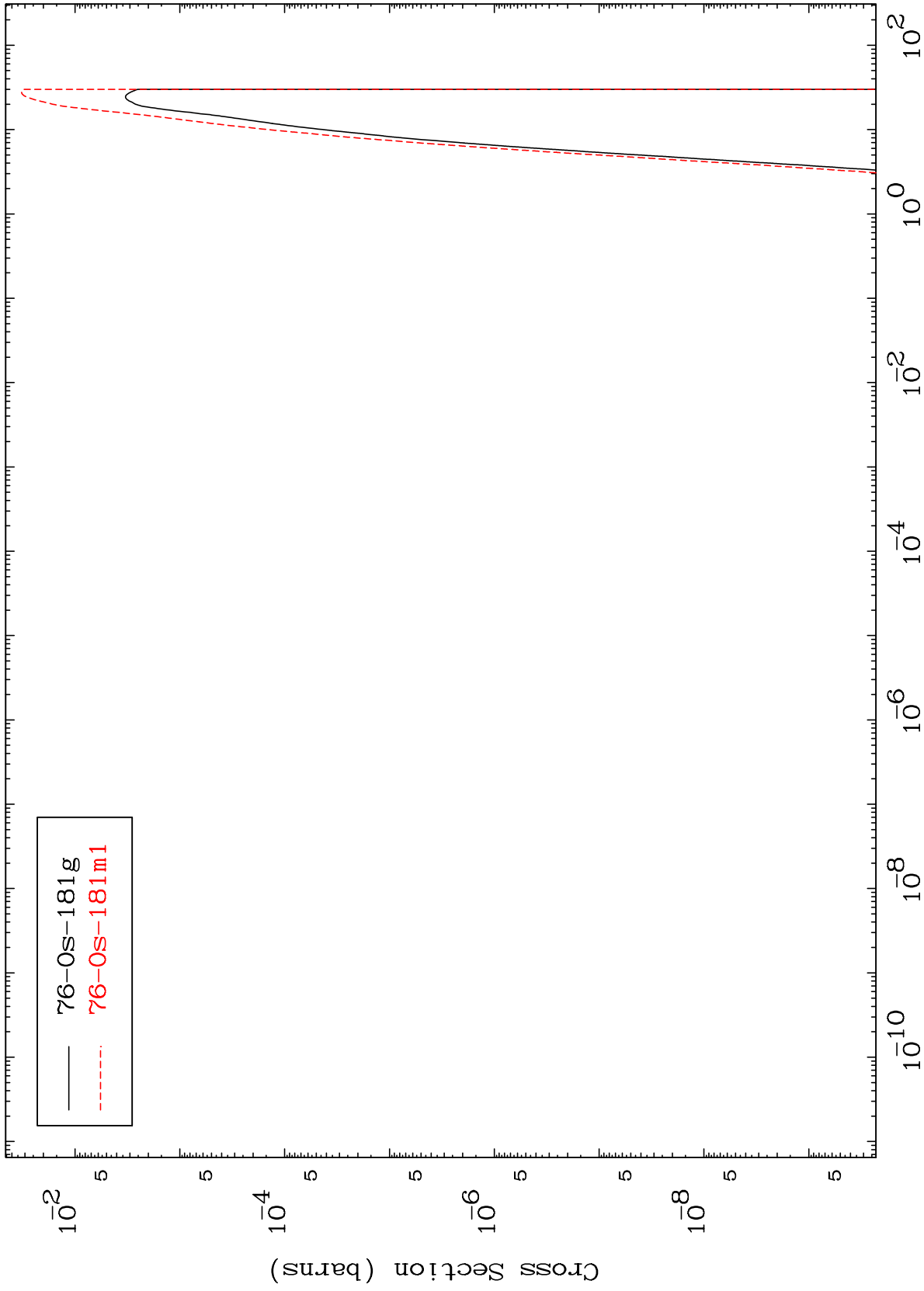
78-Pt-185

MAT 7810

(n,n') α

78-Pt-185

Radionuclide Production Cross Section



128

Incident Energy (MeV)

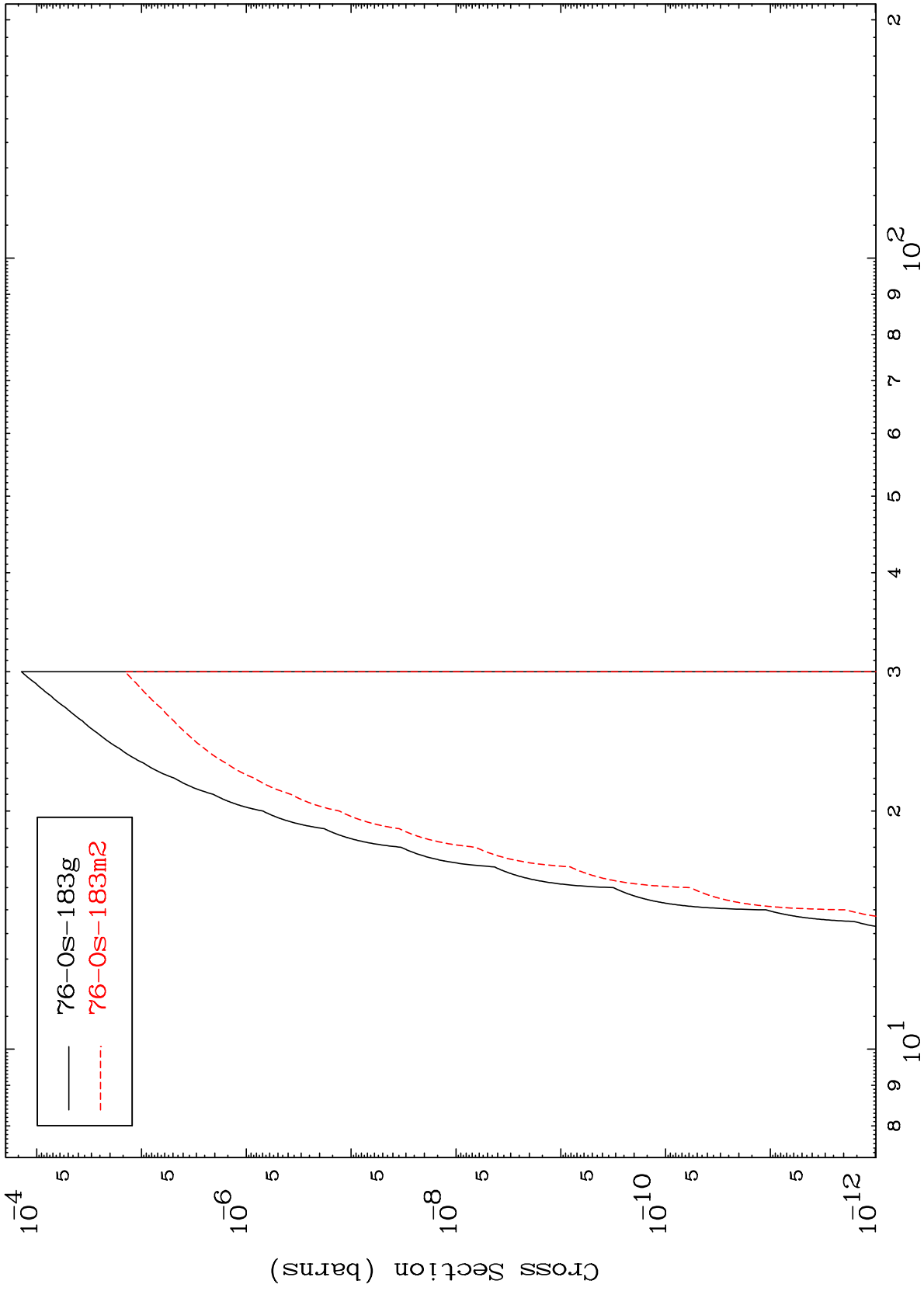
78-Pt-185

MAT 7810

(n,2n) p

78-Pt-185

Radionuclide Production Cross Section



129

Incident Energy (MeV)

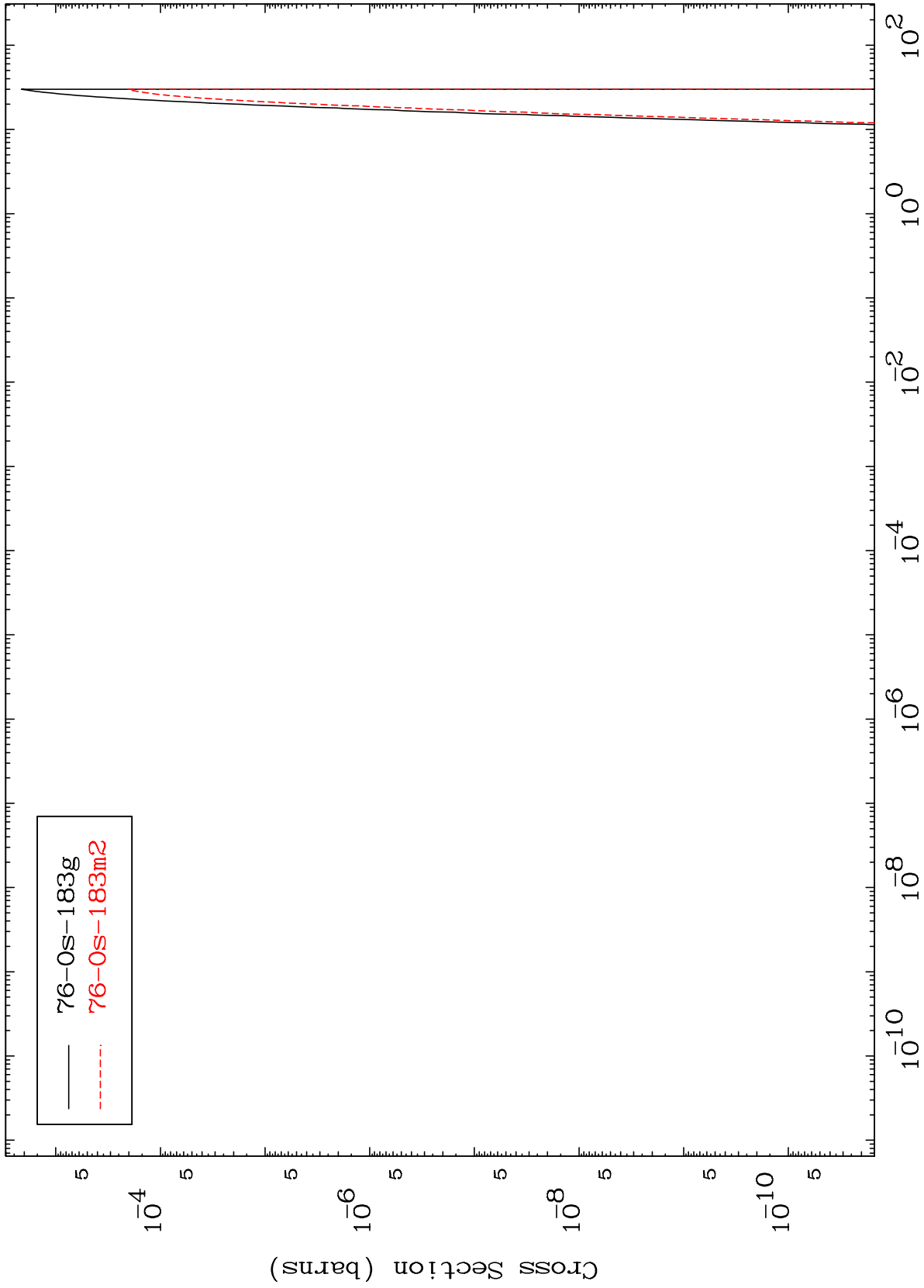
78-Pt-185

MAT 7810

(n, He-3)

78-Pt-185

Radionuclide Production Cross Section



130

Incident Energy (MeV)

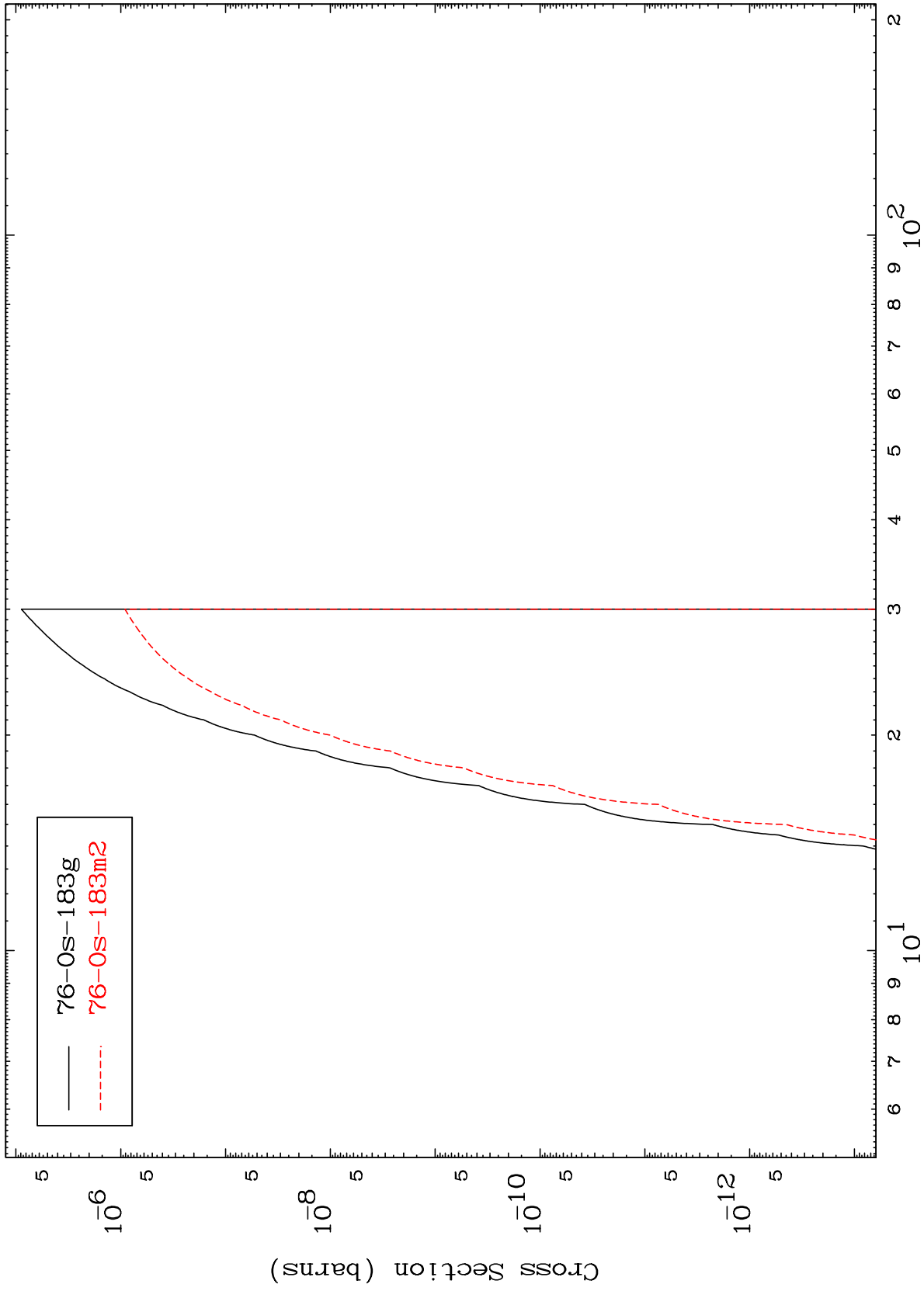
78-Pt-185

MAT 7810

(n,p) d

78-Pt-185

Radionuclide Production Cross Section



131

Incident Energy (MeV)

78-Pt-185