

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

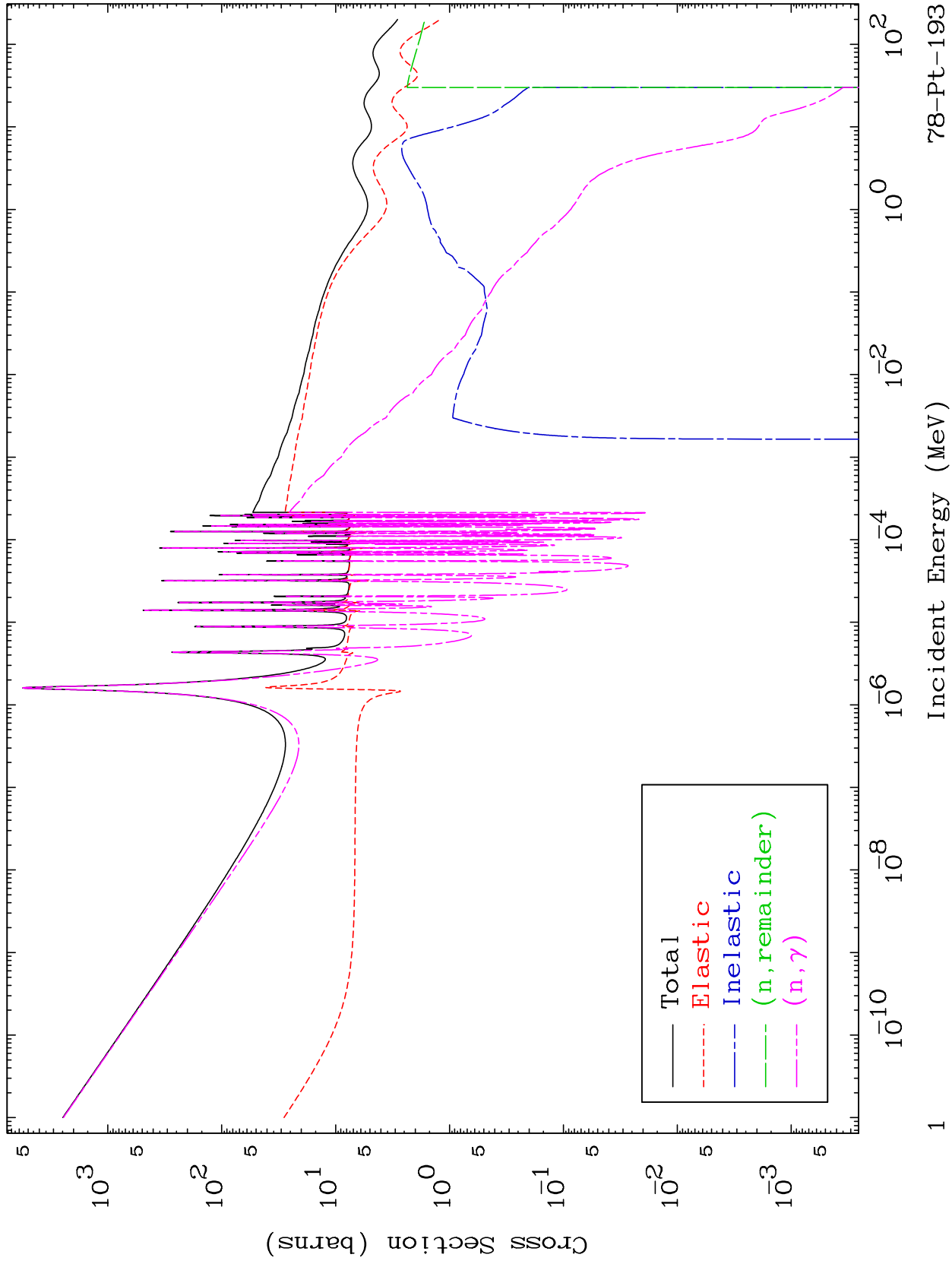
Press Mouse Button to Start

MAT 7834

Major

293 Kelvin Cross Sections

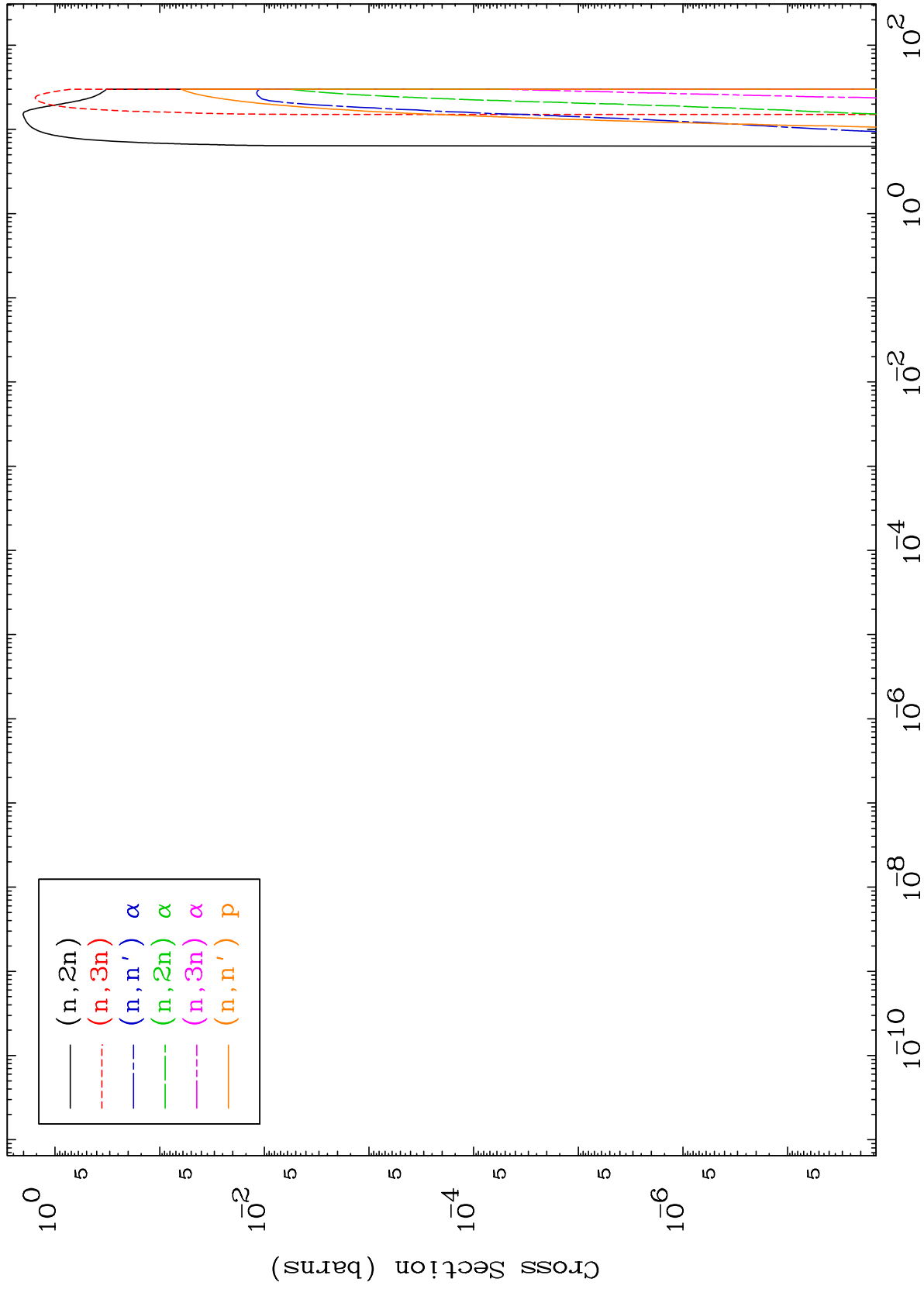
78-Pt-193



MAT 7834

Neutron Production
293 Kelvin Cross Sections

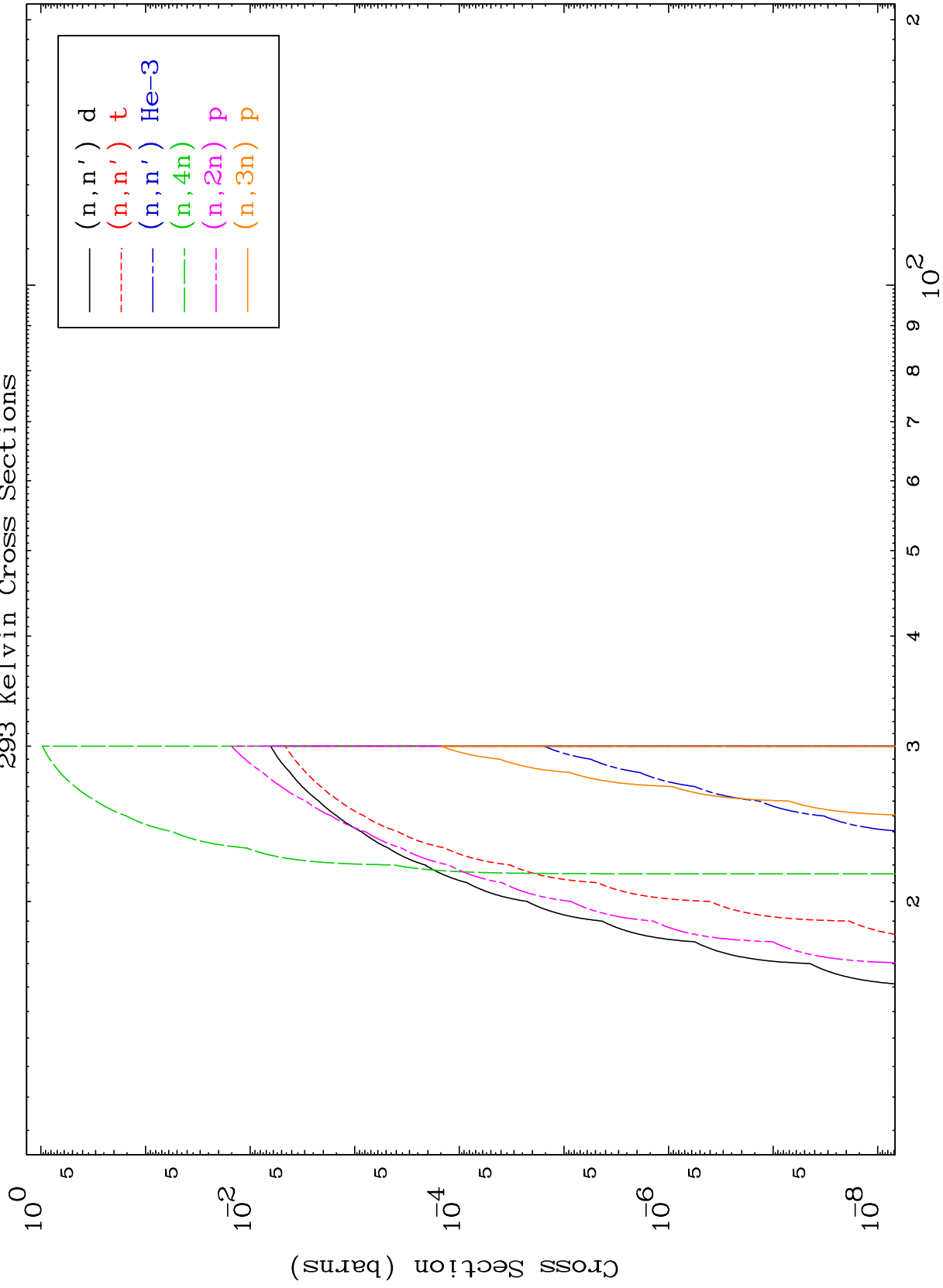
78-Pt-193

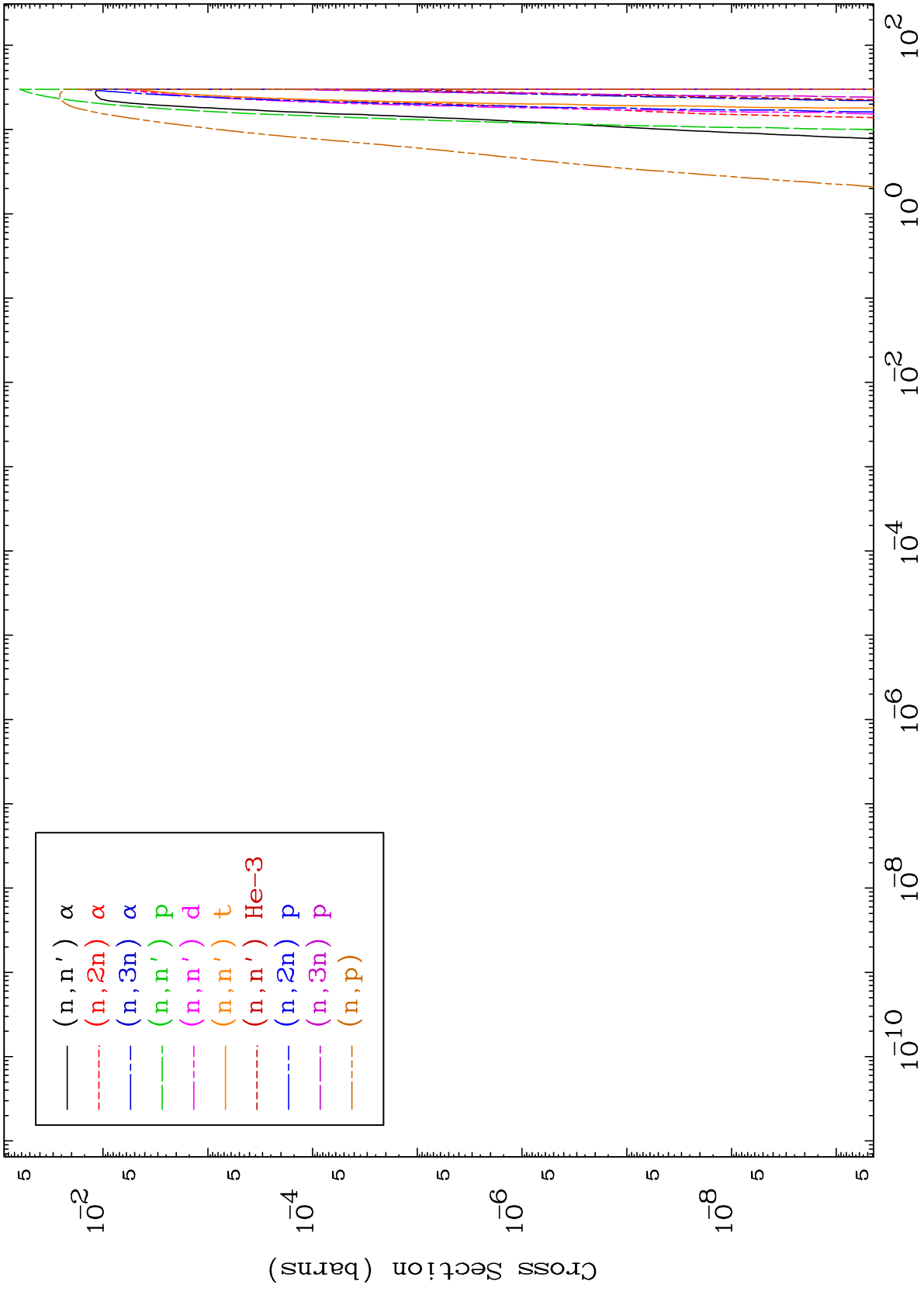


2

Incident Energy (MeV)

78-Pt-193

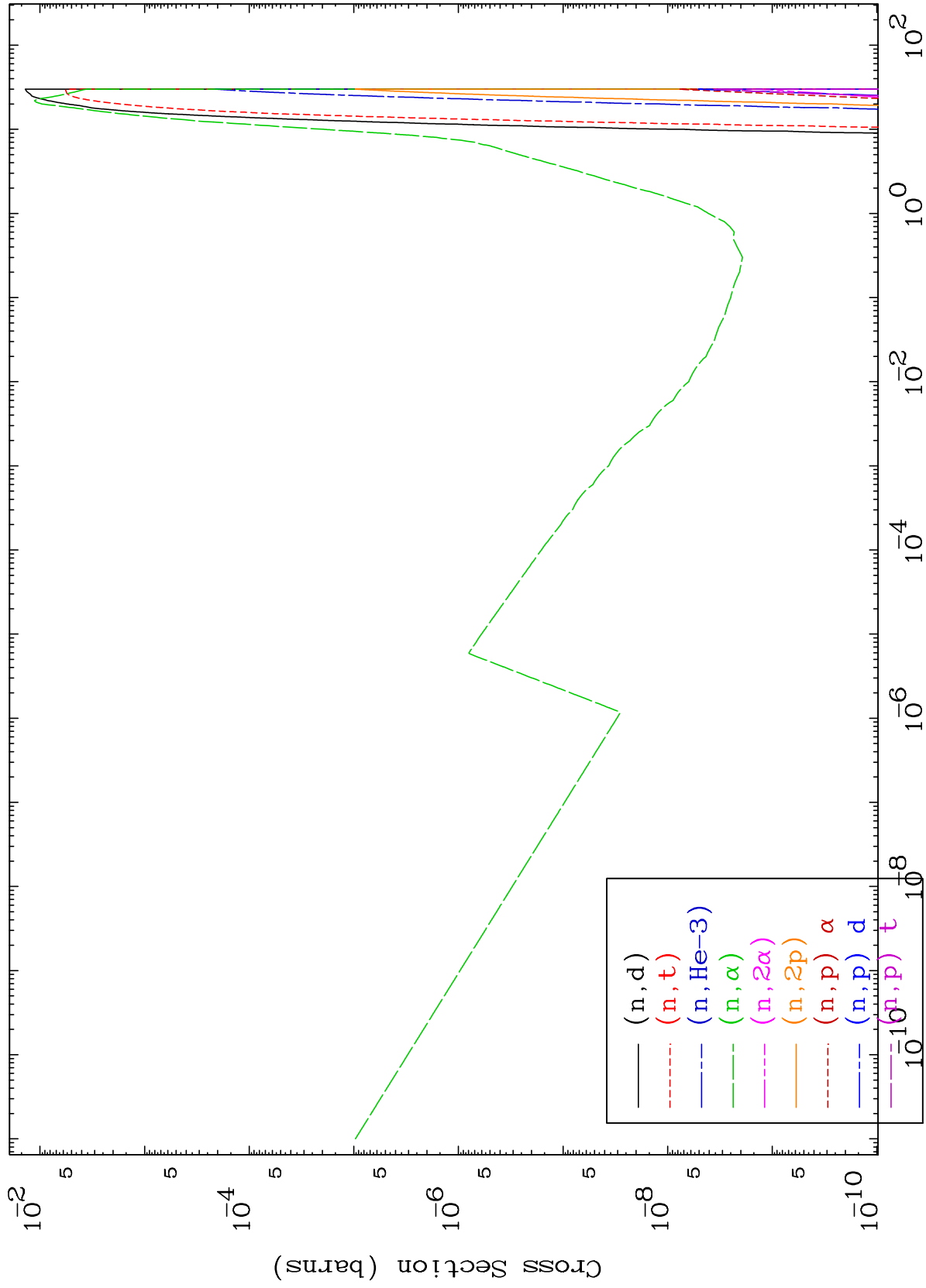




MAT 7834

293 Kelvin Cross Sections

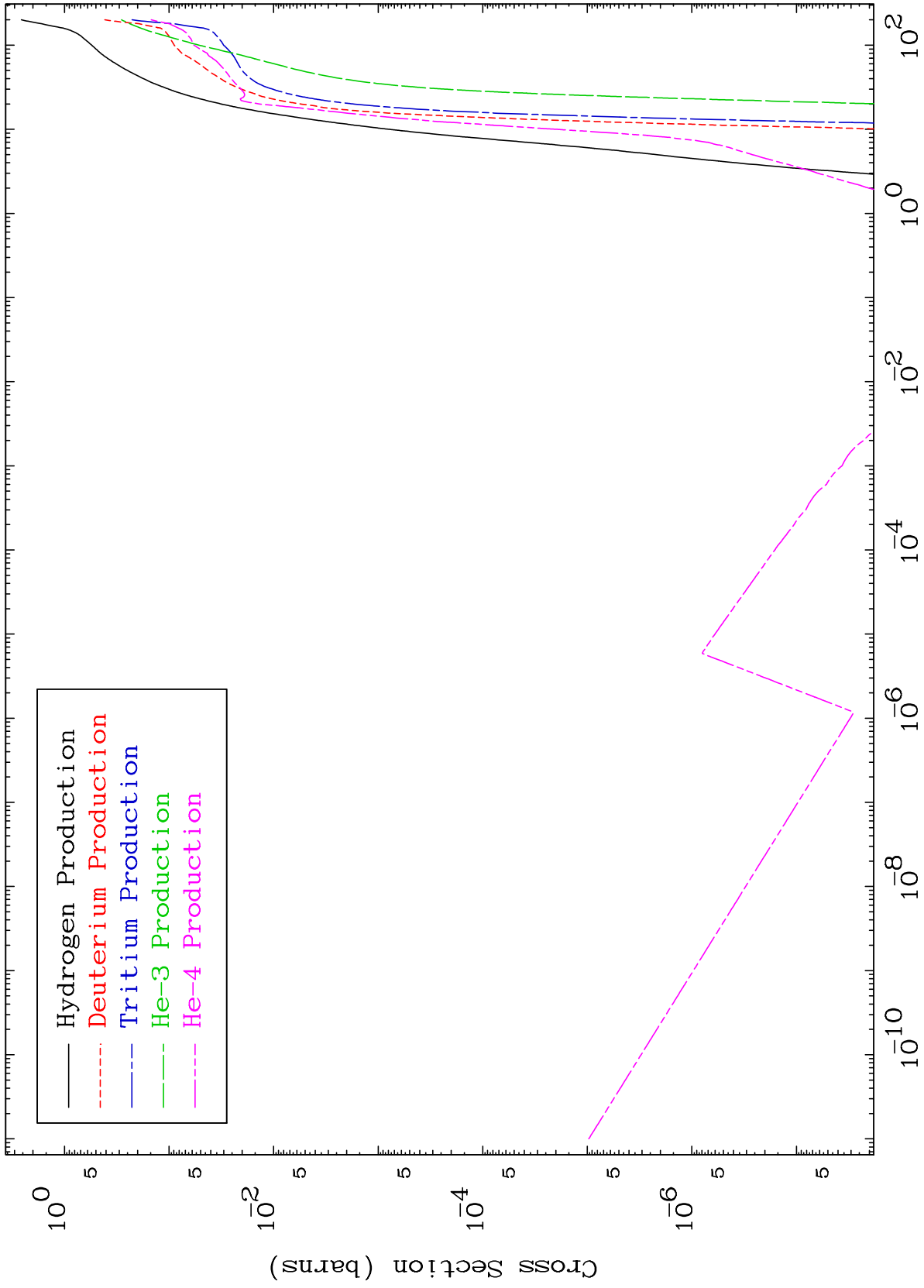
78-Pt-193

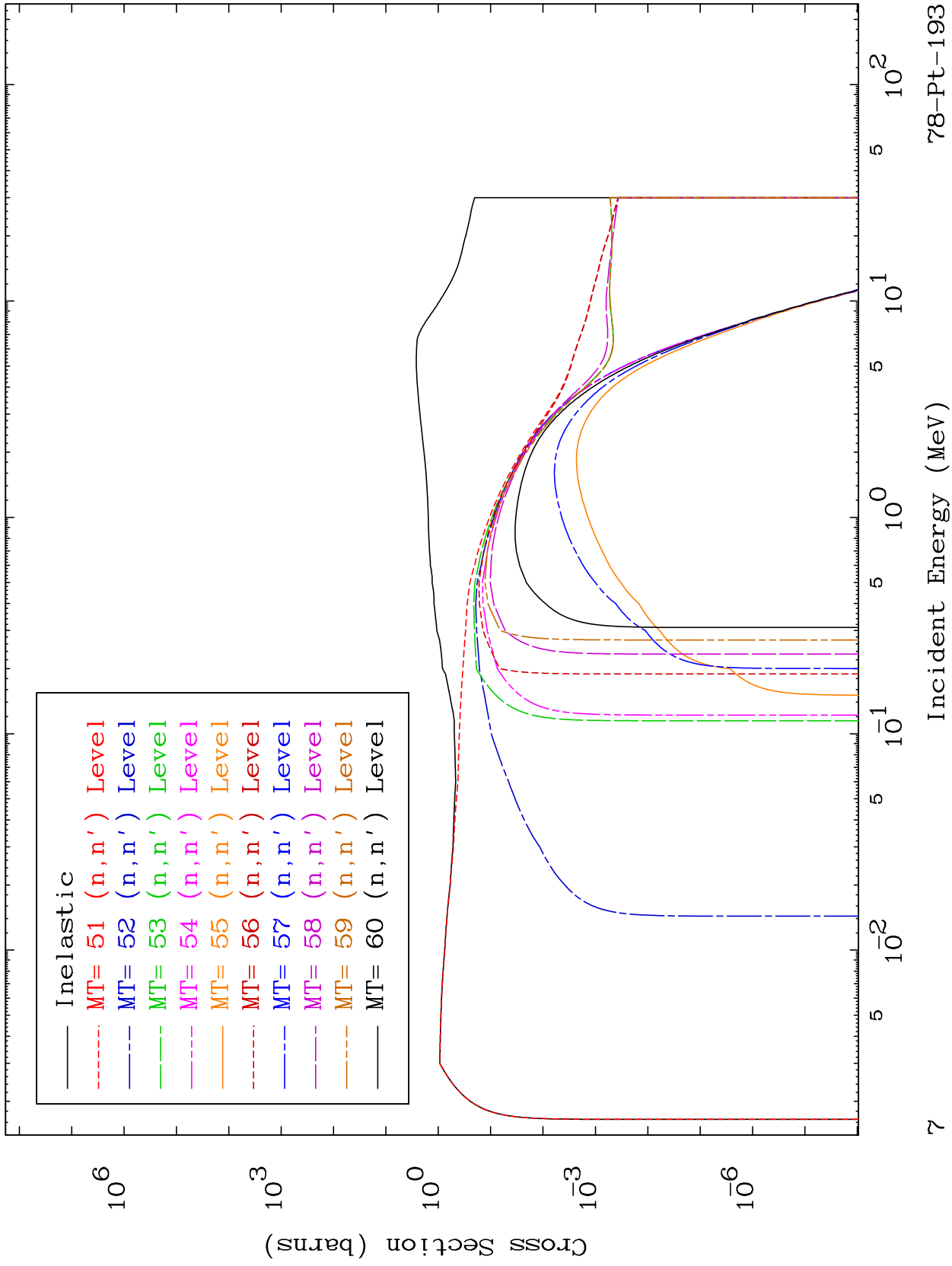


5

Incident Energy (MeV)

78-Pt-193



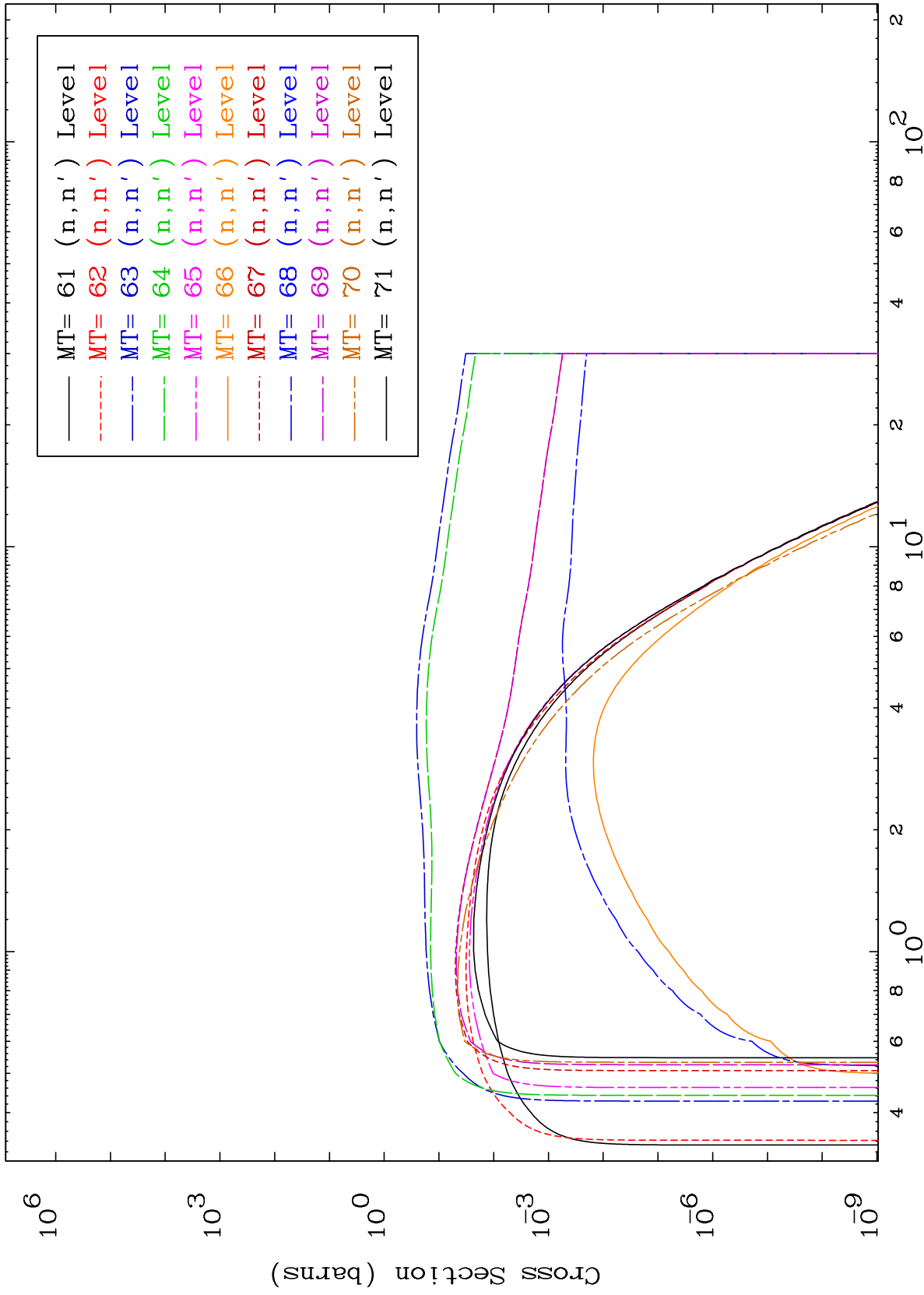


MAT 7834

(n,n') Level

78-Pt-193

293 Kelvin Cross Sections



8

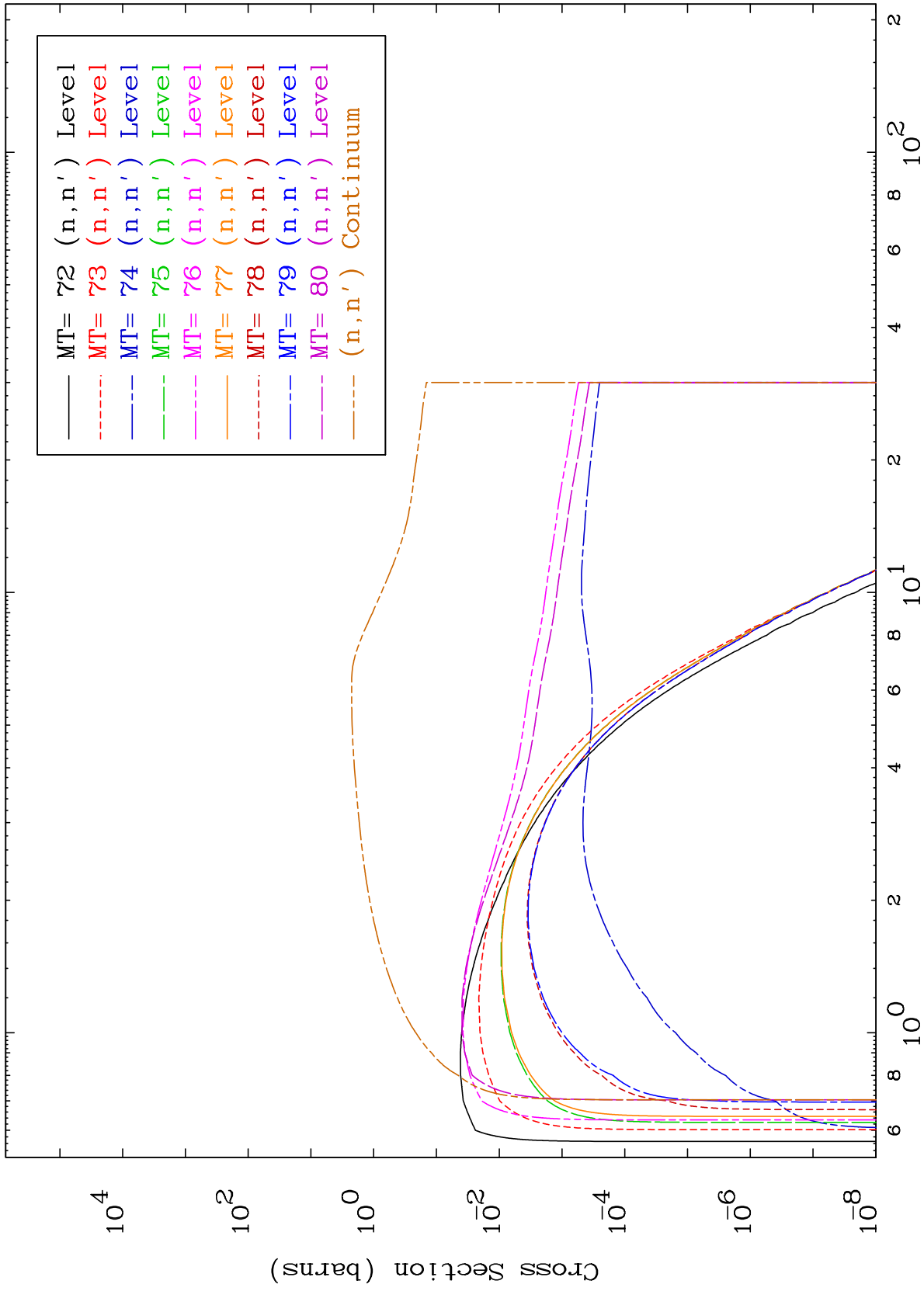
Incident Energy (MeV)

78-Pt-193

MAT 7834

(n,n') Level
293 Kelvin Cross Sections

78-Pt-193



9

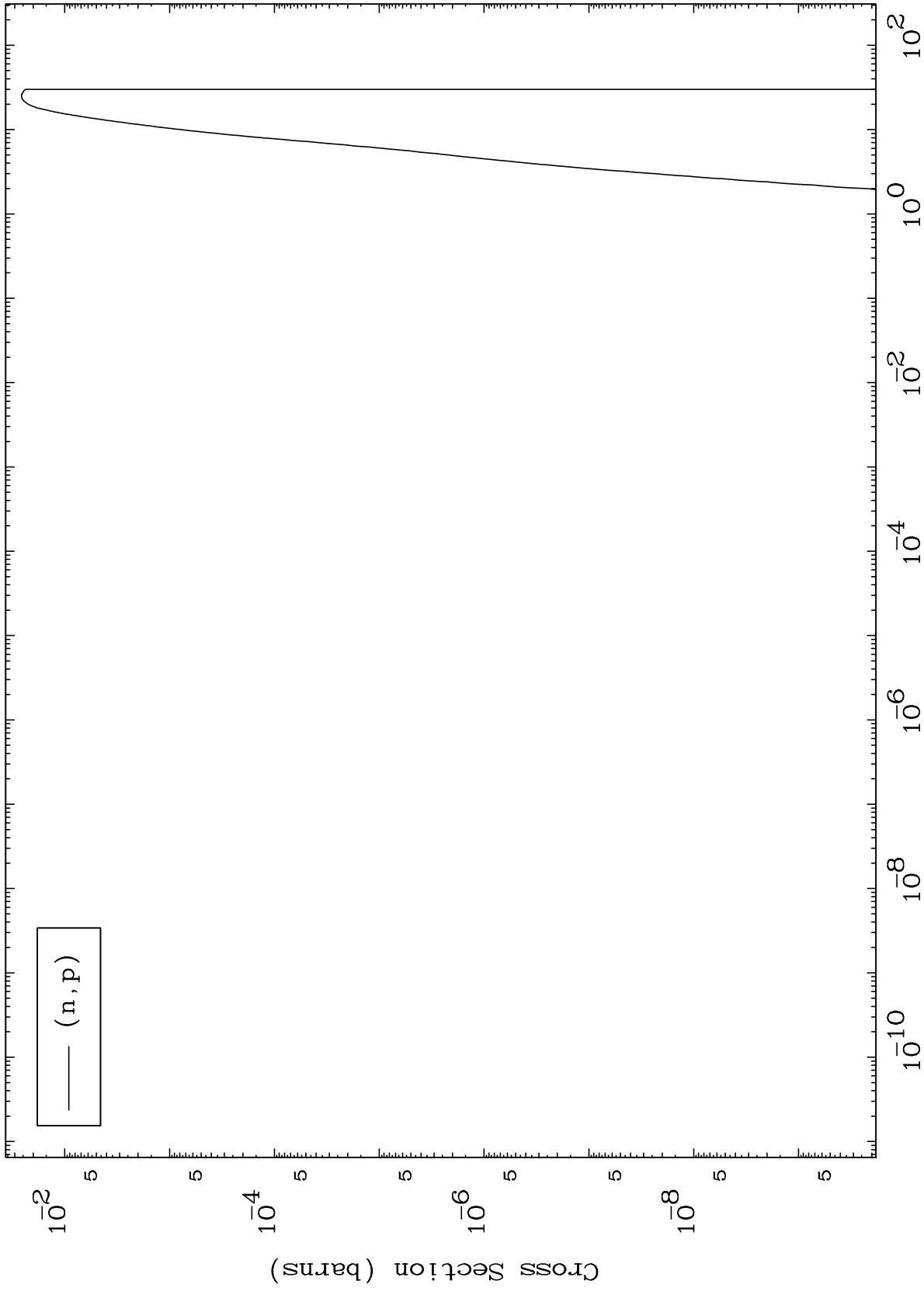
Incident Energy (MeV)

78-Pt-193

MAT 7834

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-193



10

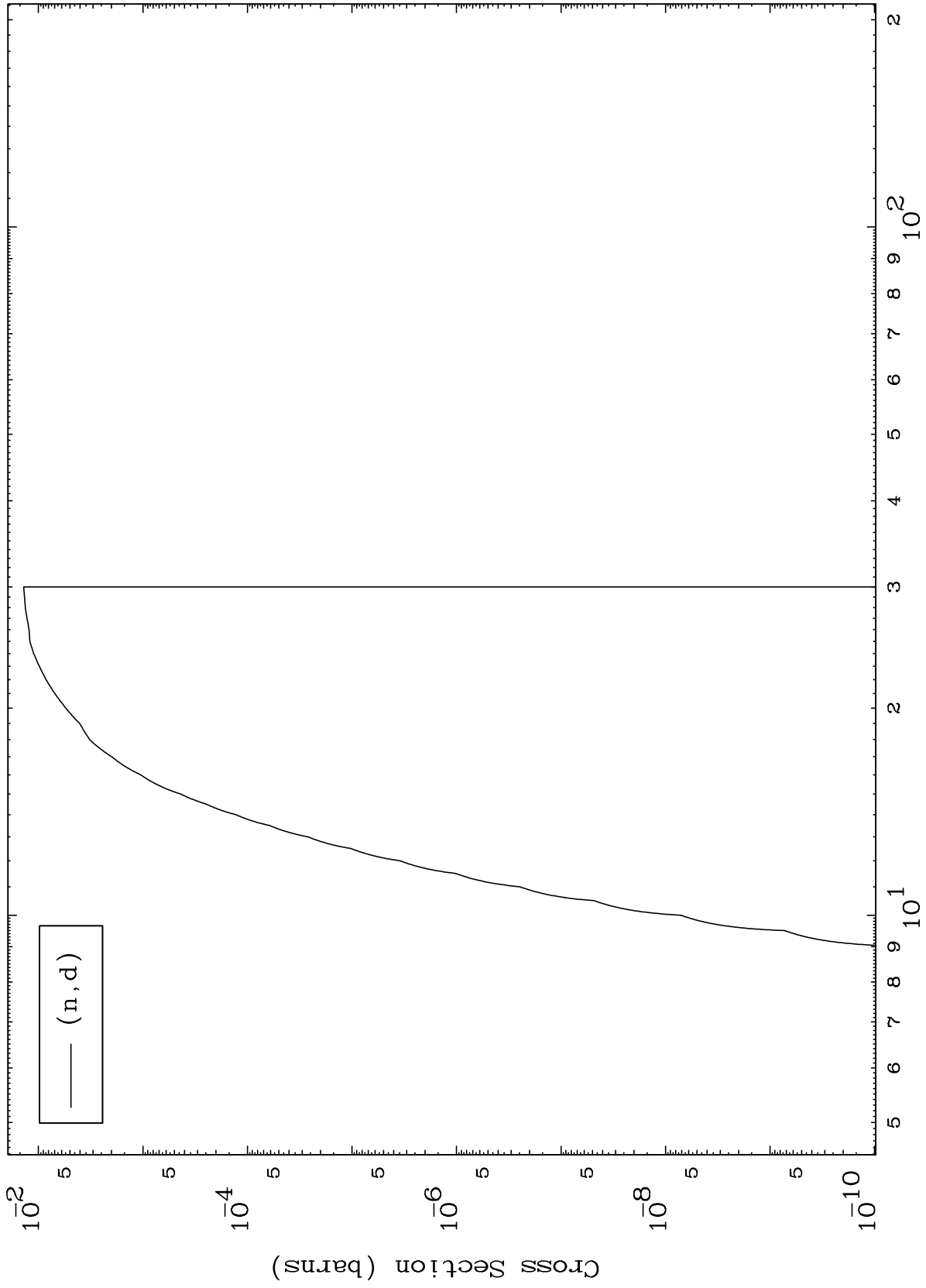
Incident Energy (MeV)

78-Pt-193

MAT 7834

(n,d) Levels
293 Kelvin Cross Sections

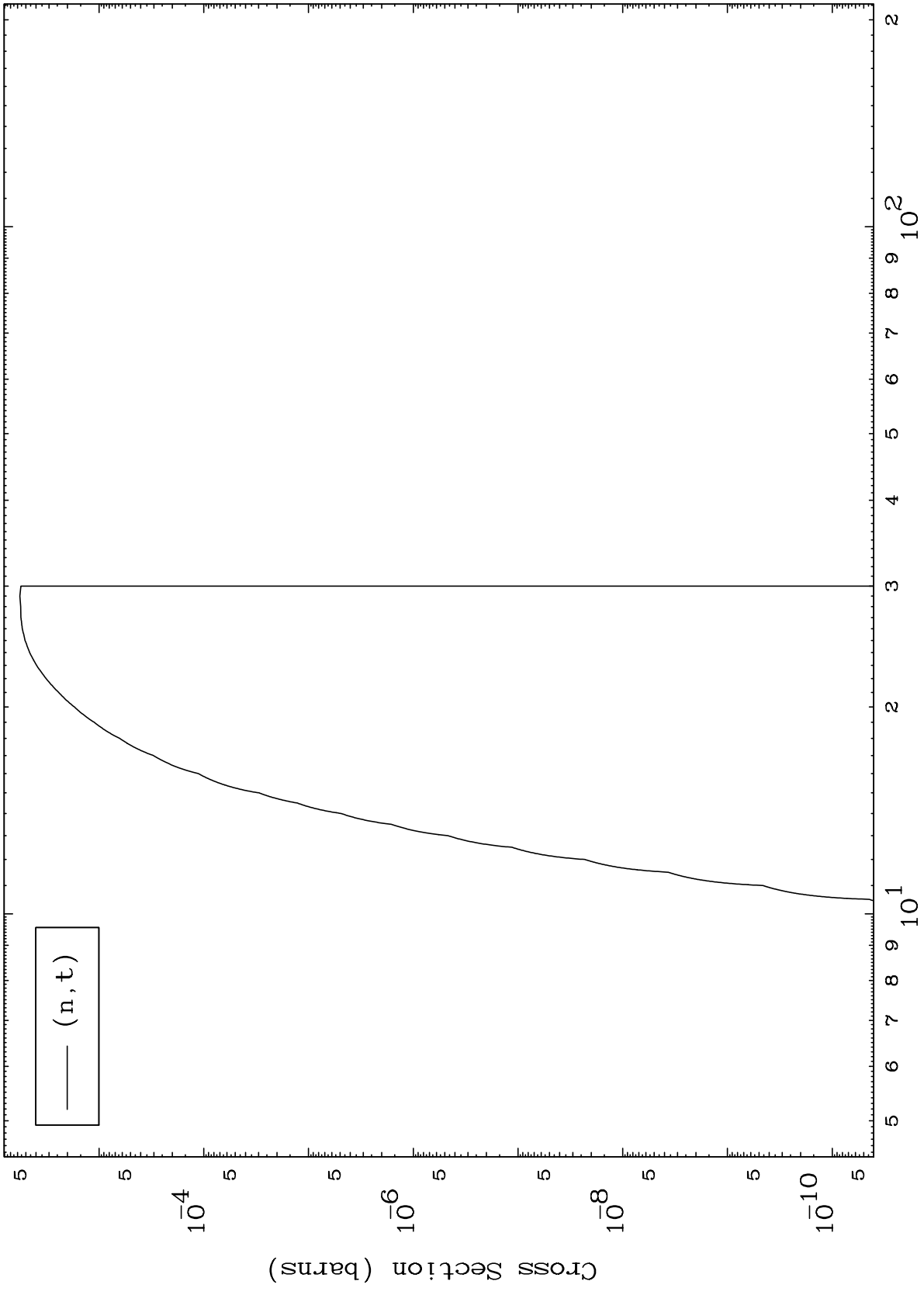
78-Pt-193



MAT 7834

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-193



12

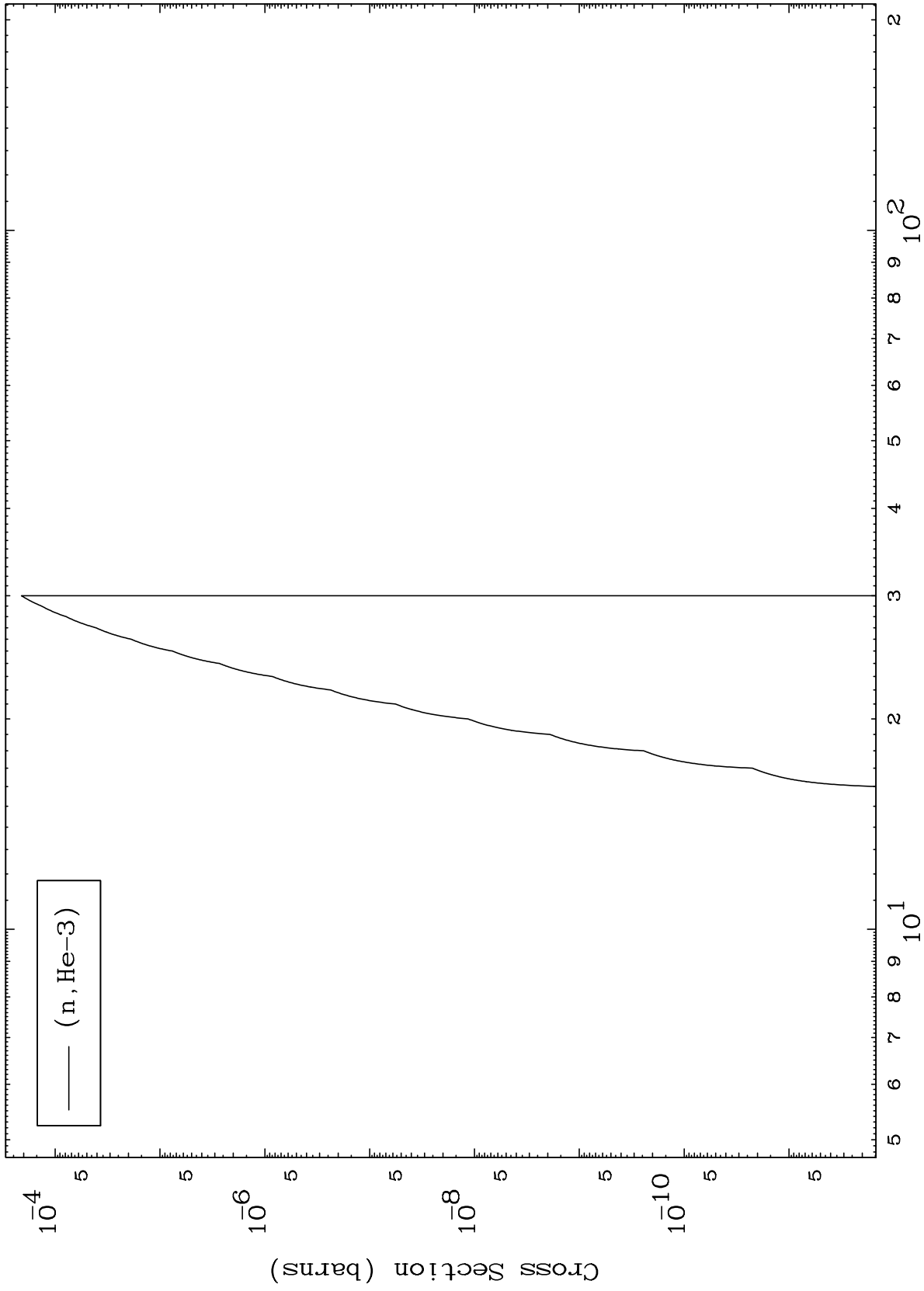
Incident Energy (MeV)

78-Pt-193

MAT 7834

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-193



13

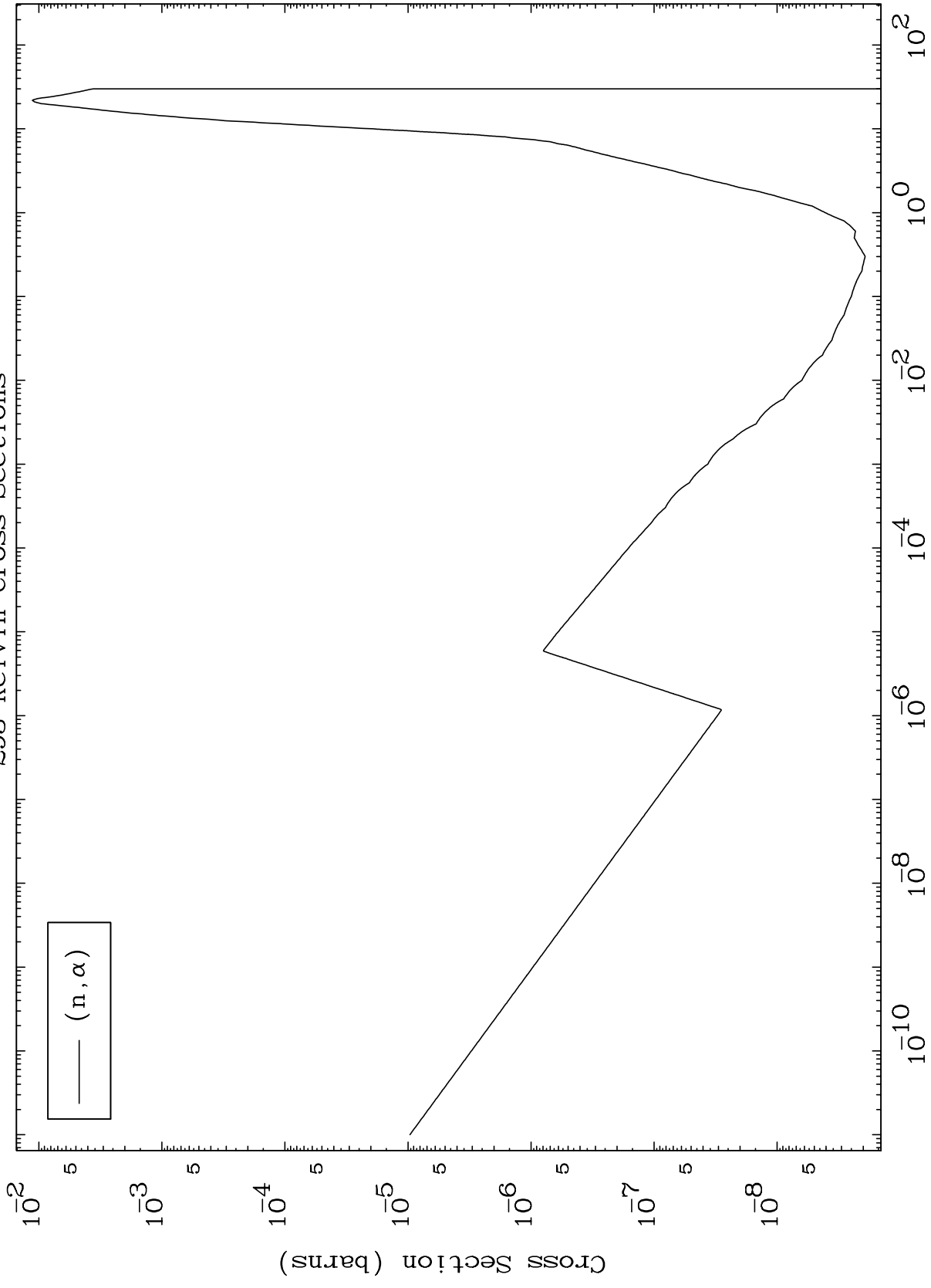
78-Pt-193

78-Pt-193

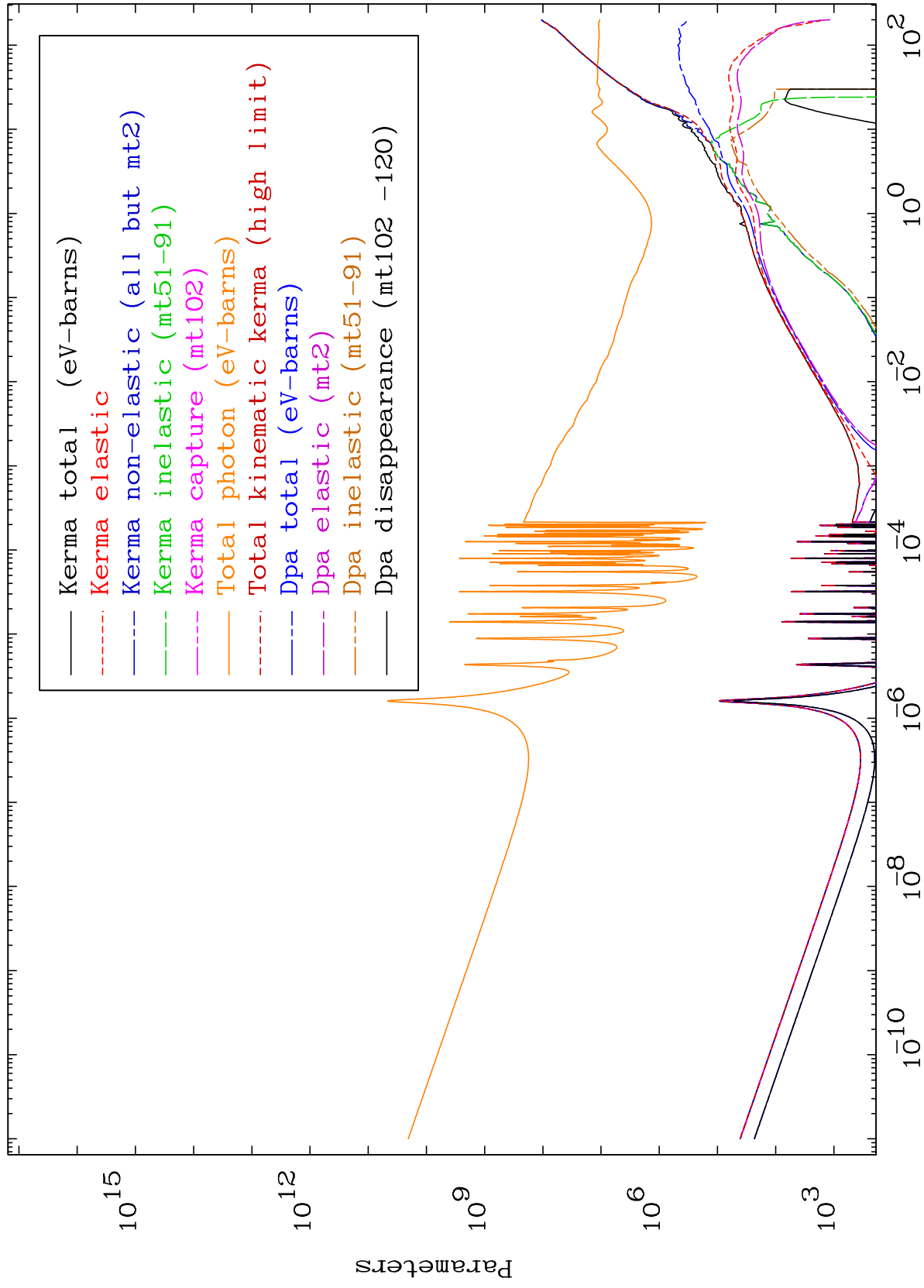
MAT 7834

(n, α) Levels
293 Kelvin Cross Sections

78-Pt-193



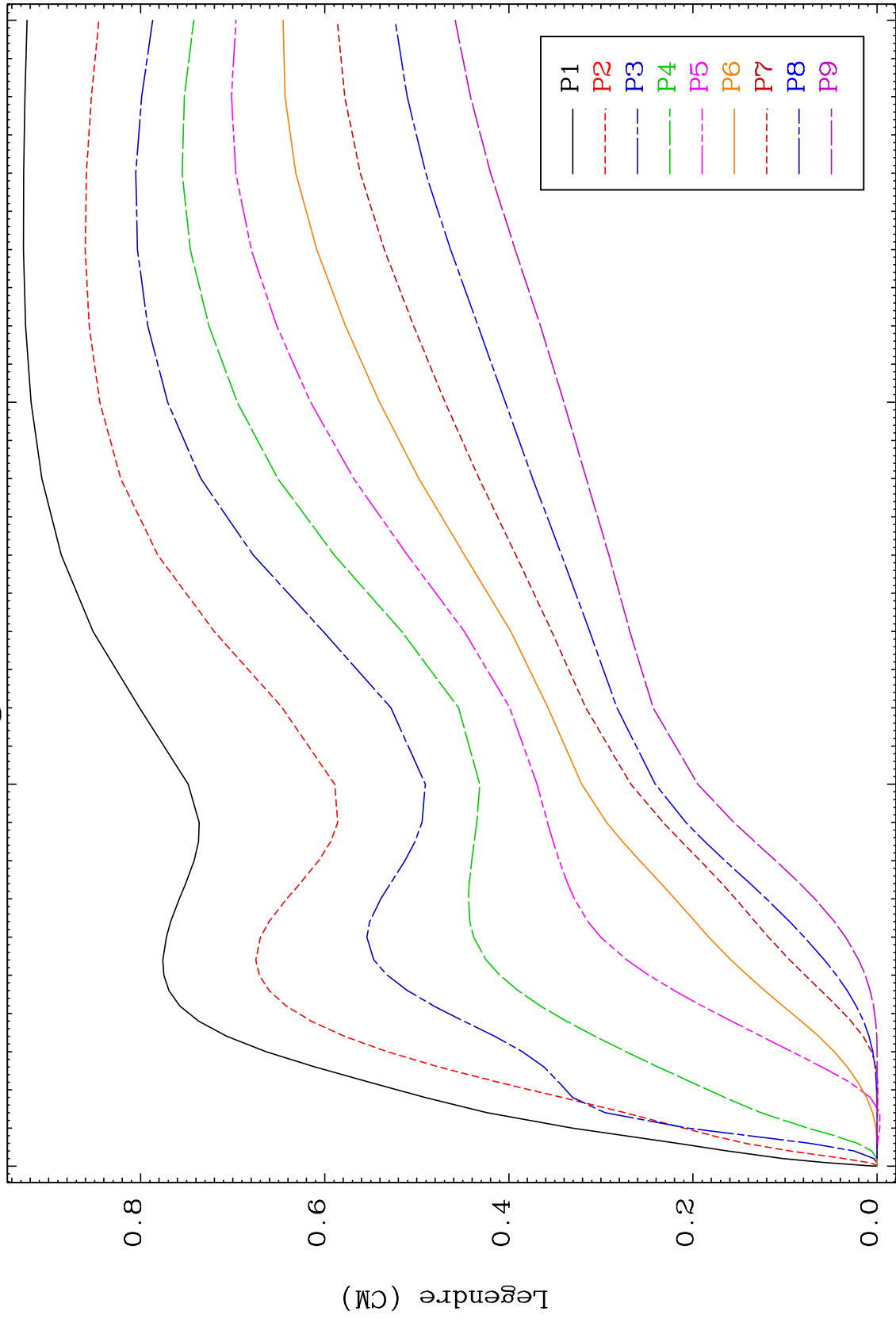
78-Pt-193



MAT 7834

Elastic Legendre Coefficients

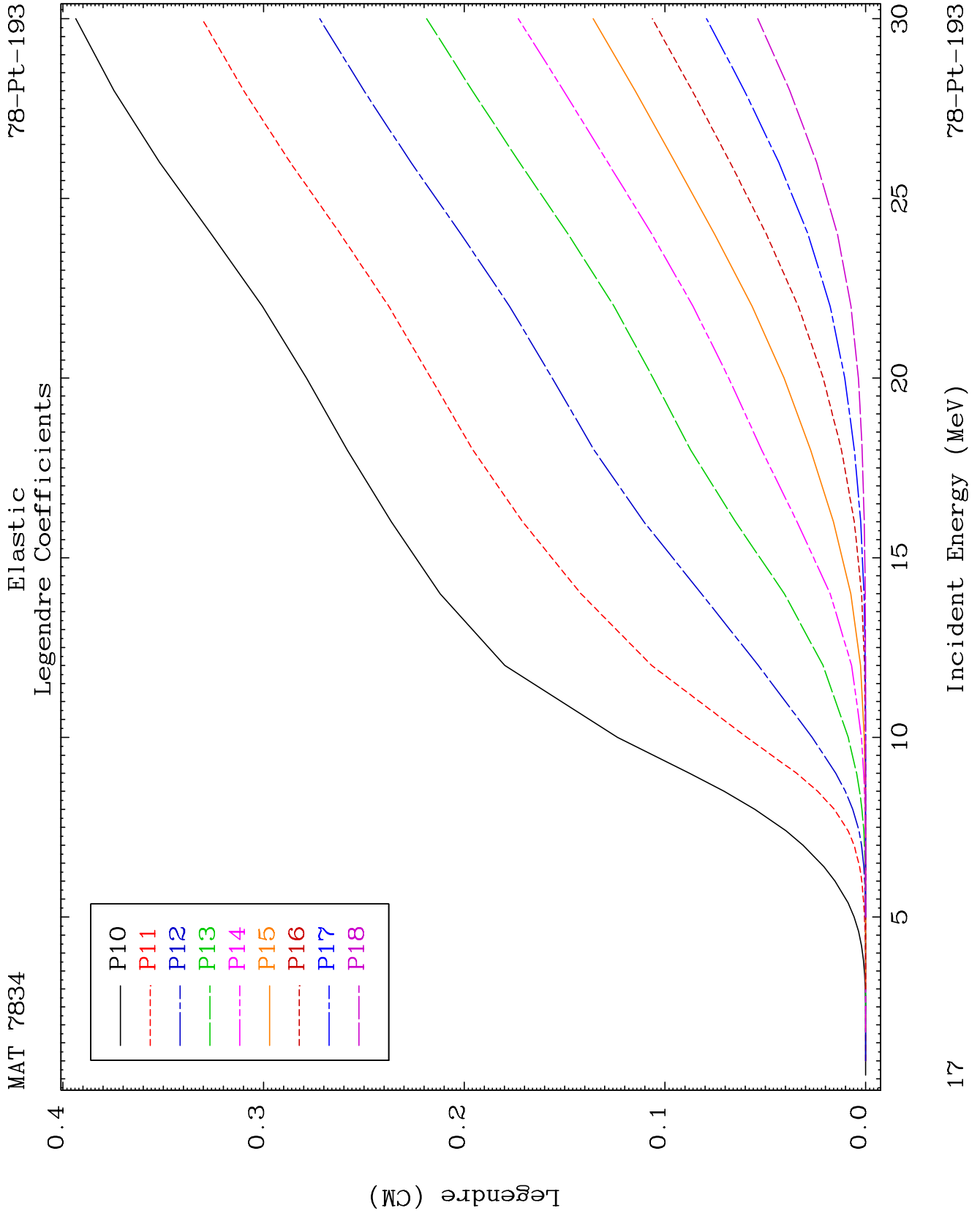
78-Pt-193



16

Incident Energy (MeV)

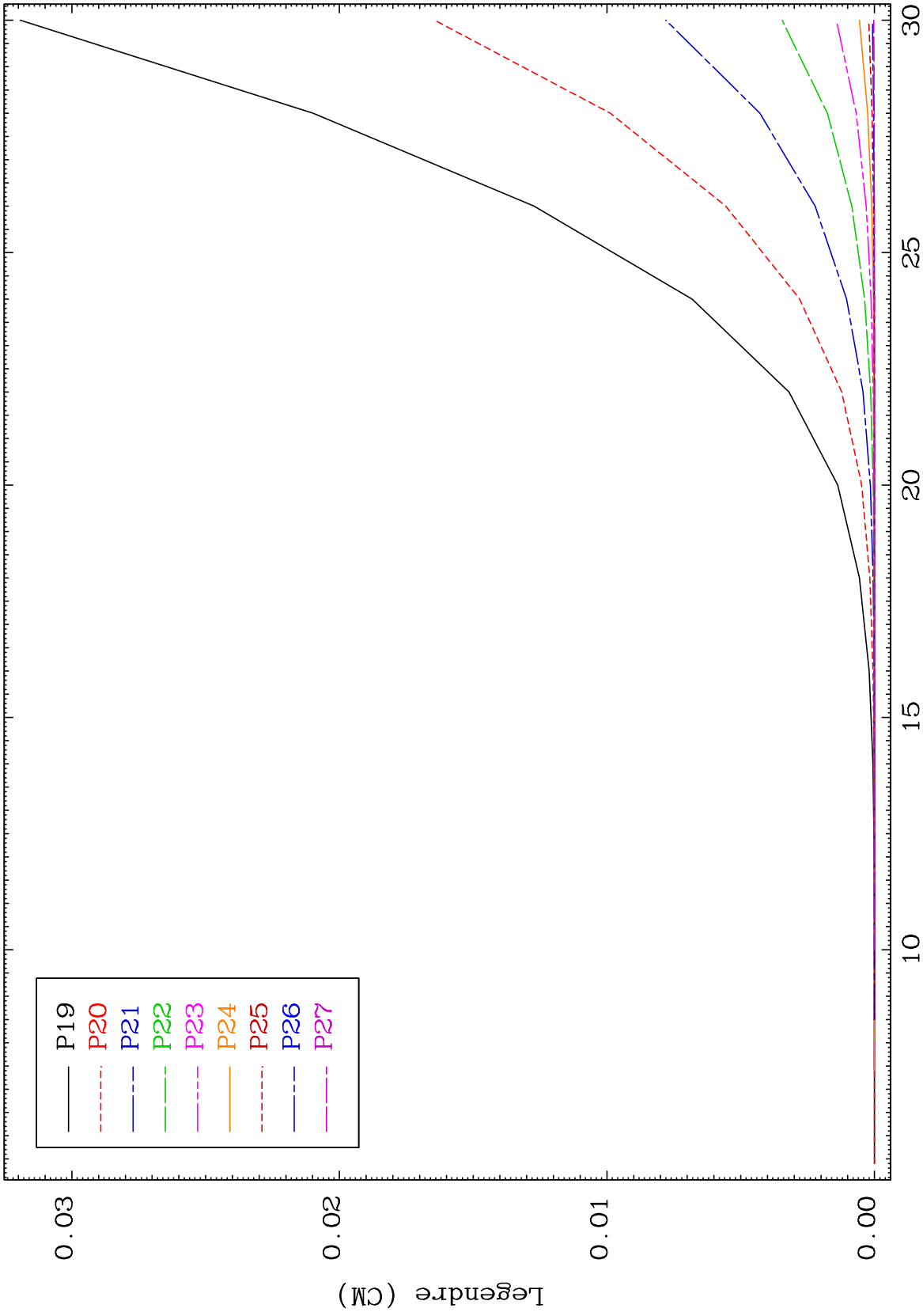
78-Pt-193



MAT 7834

Elastic Legendre Coefficients

78-Pt-193



18

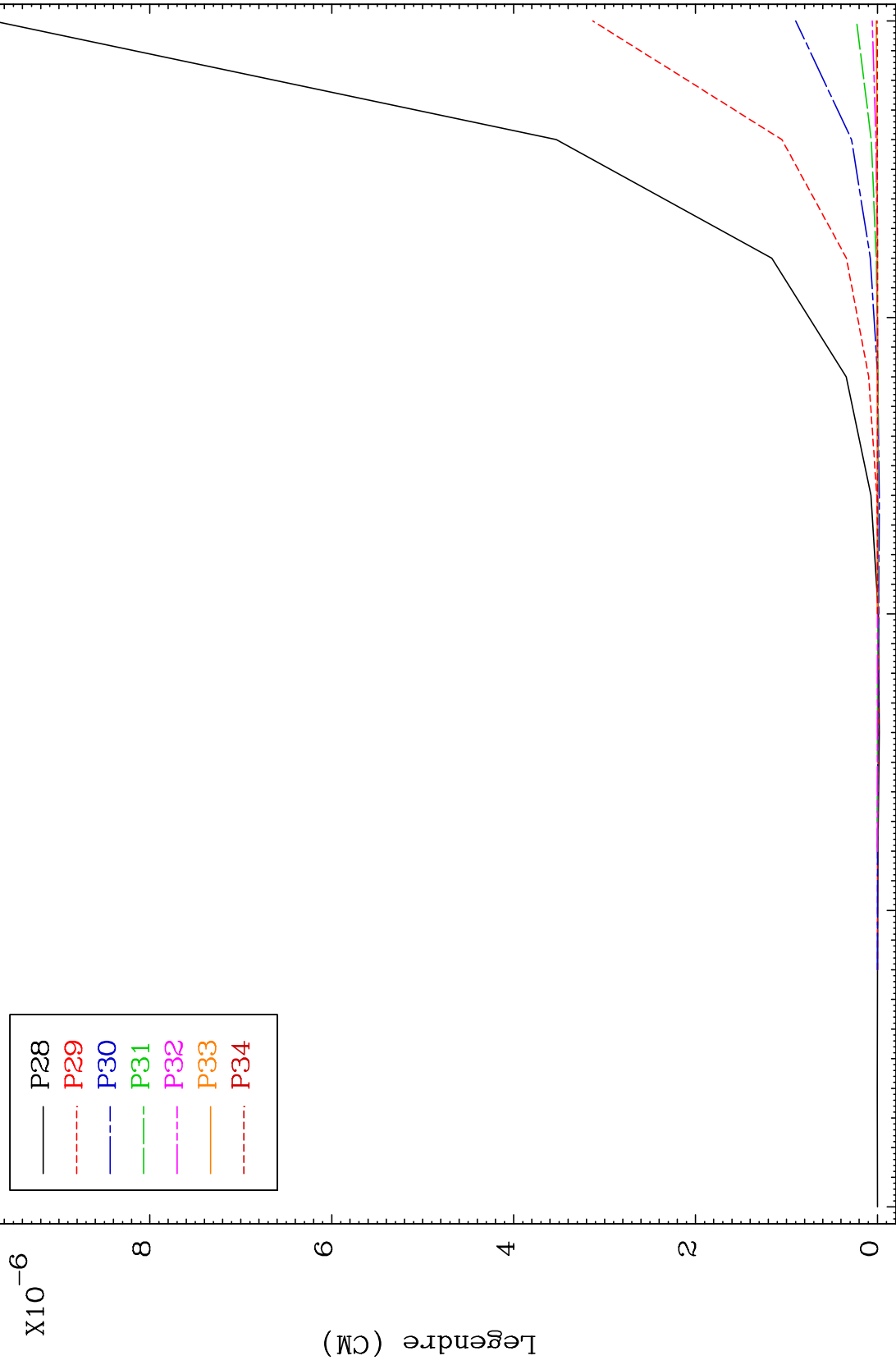
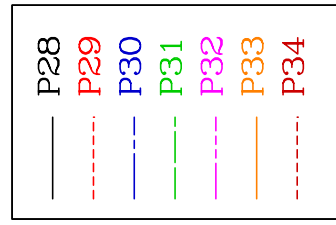
Incident Energy (MeV)

78-Pt-193

MAT 7834

Elastic Legendre Coefficients

78-Pt-193



19

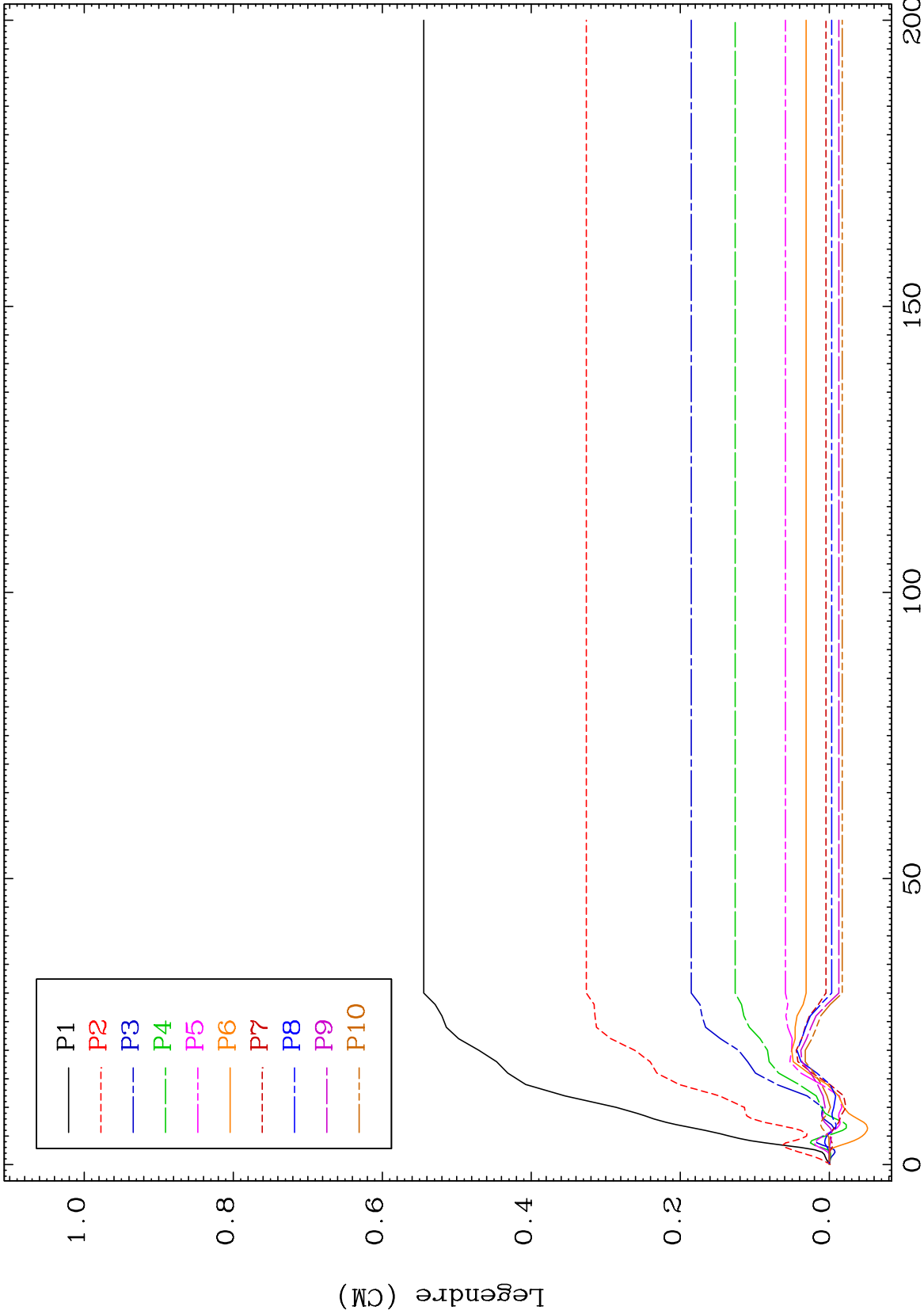
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



20

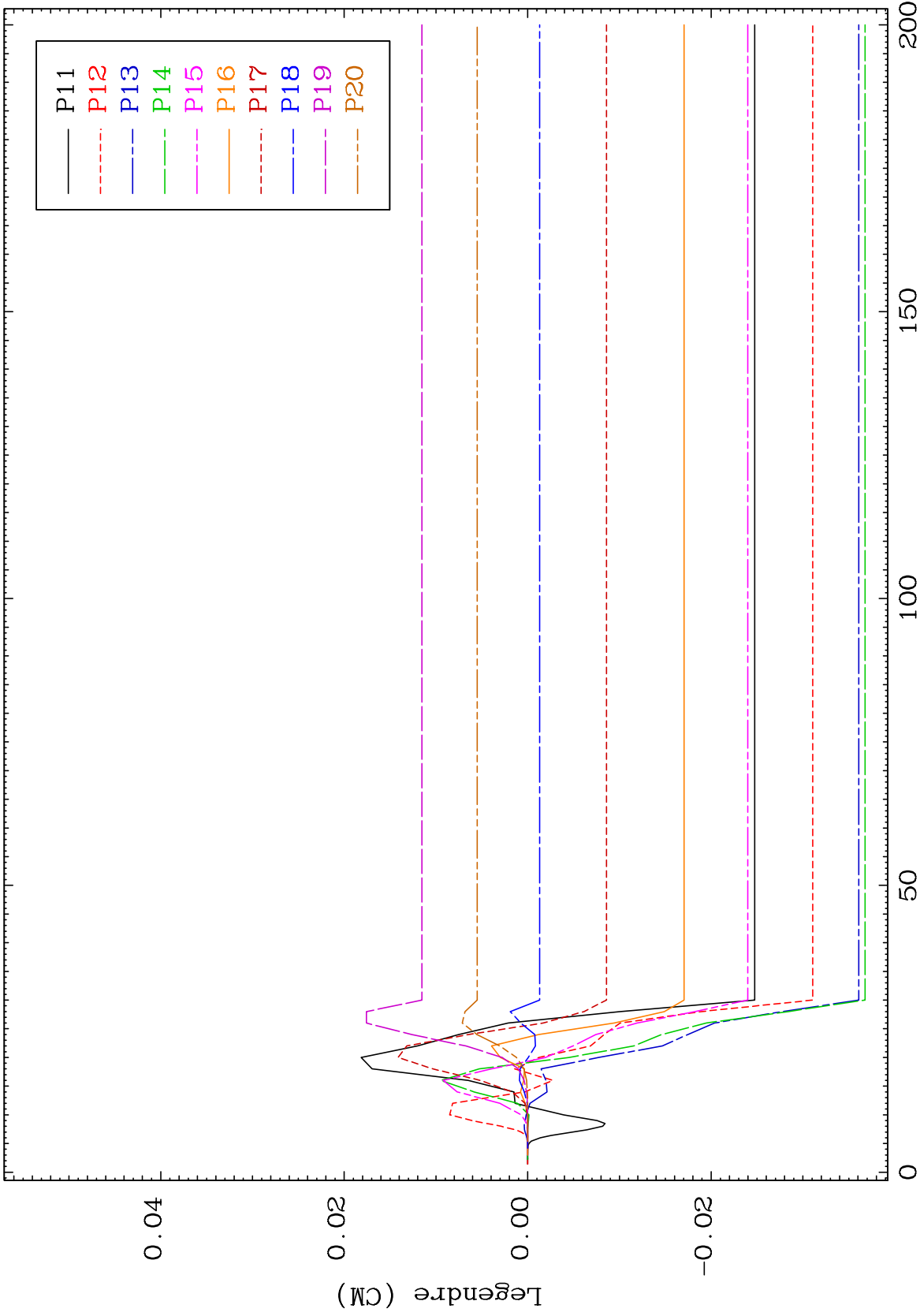
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



21

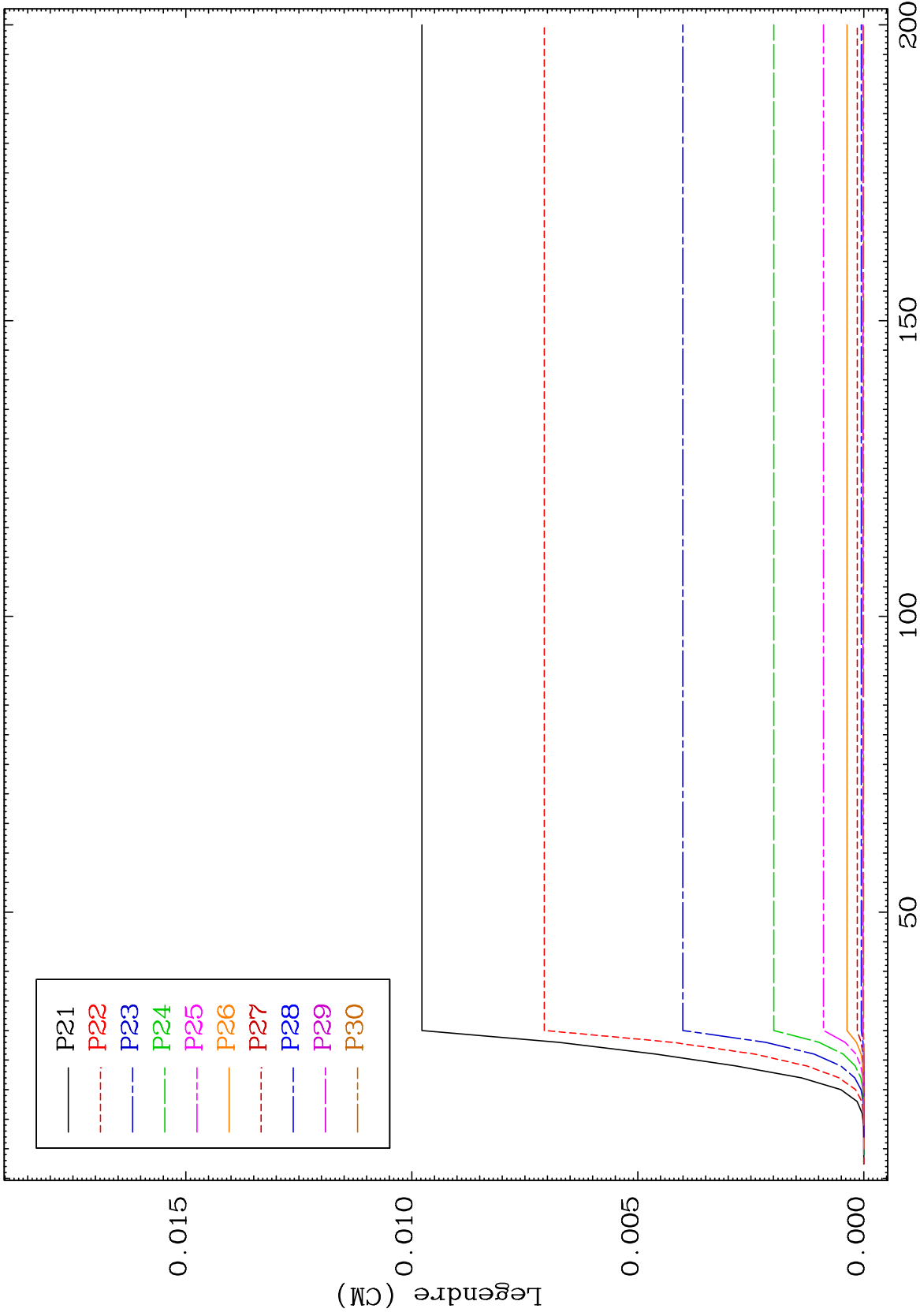
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



22

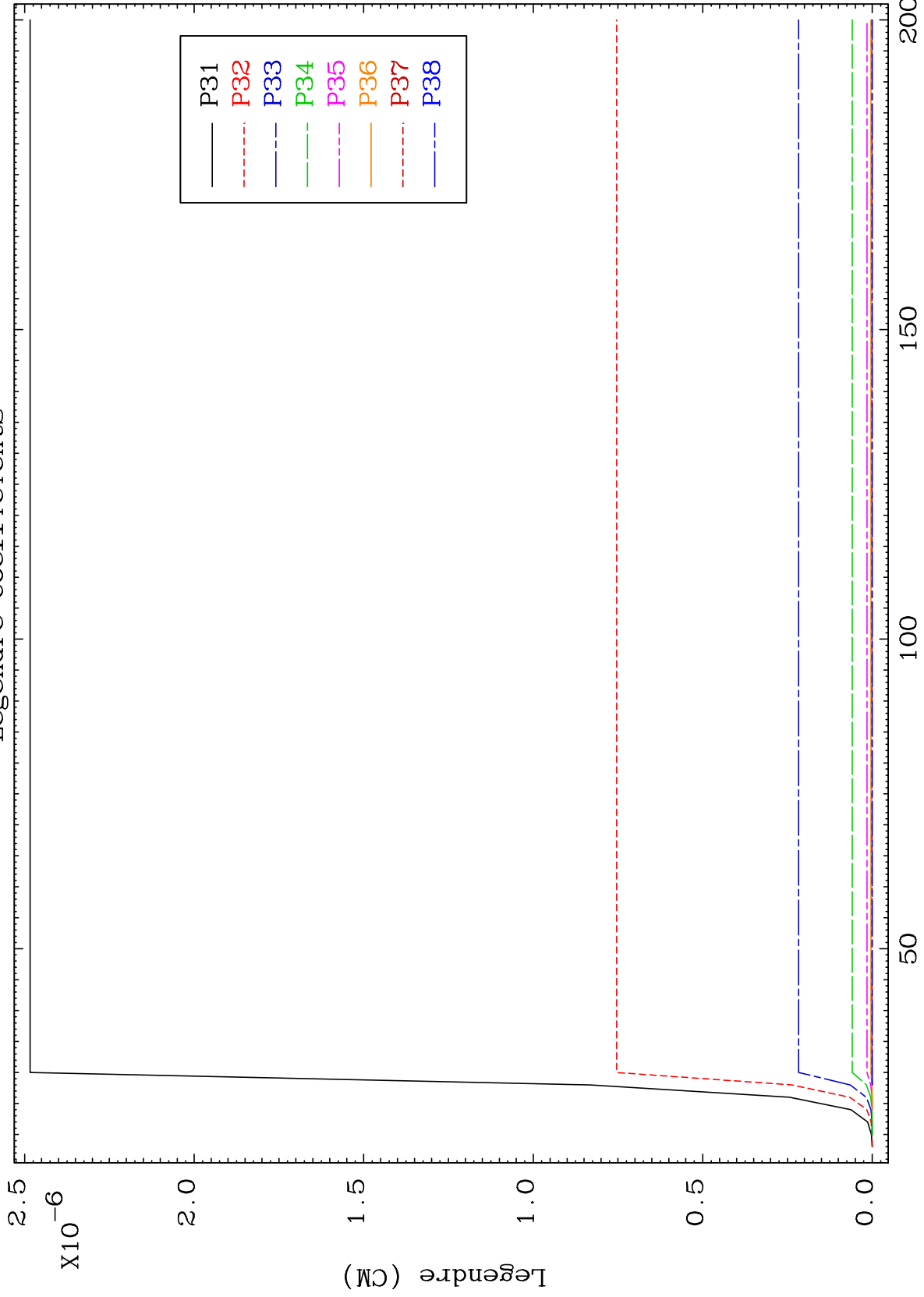
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



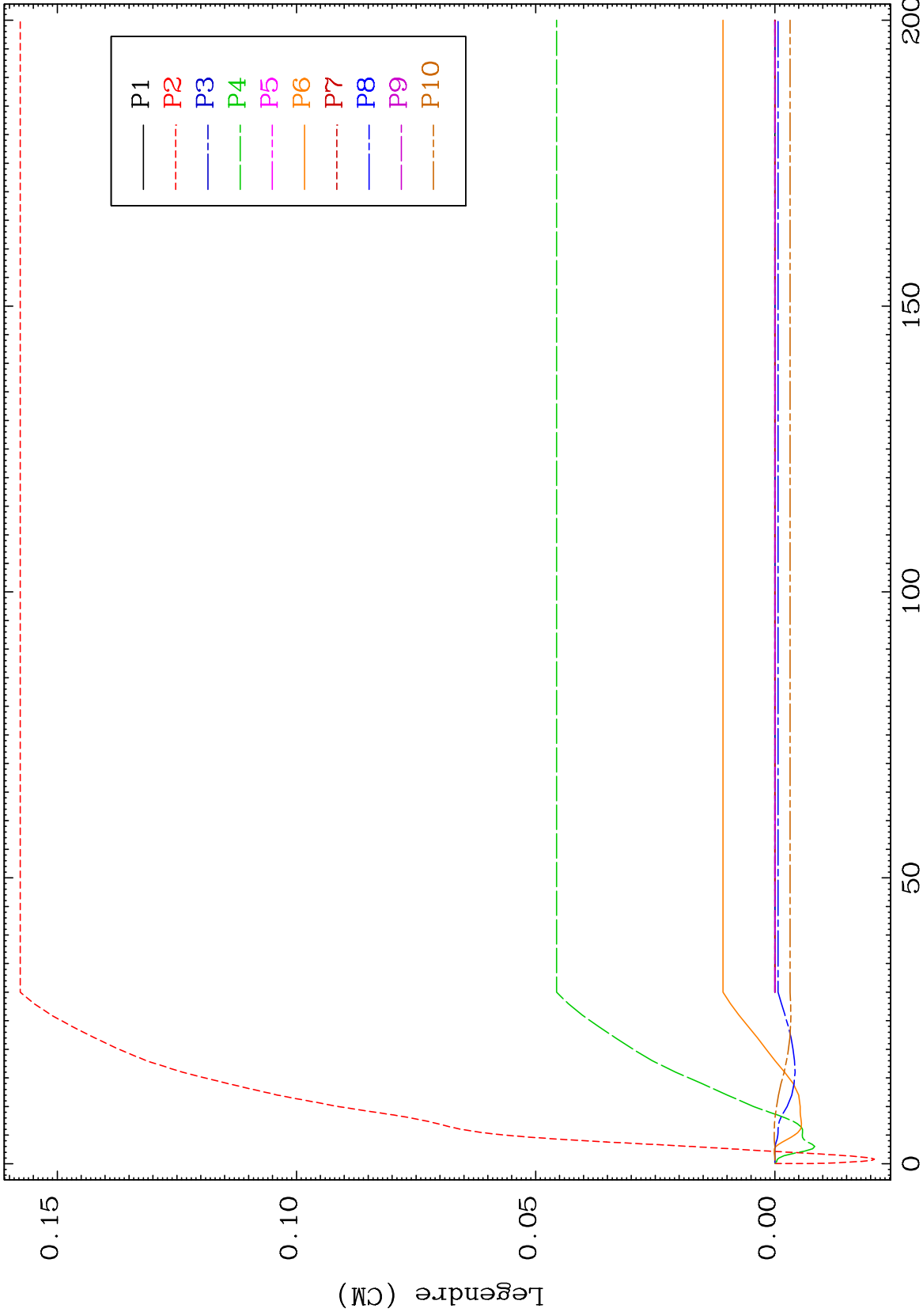
23

78-Pt-193

MAT 7834

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

78-Pt-193



24

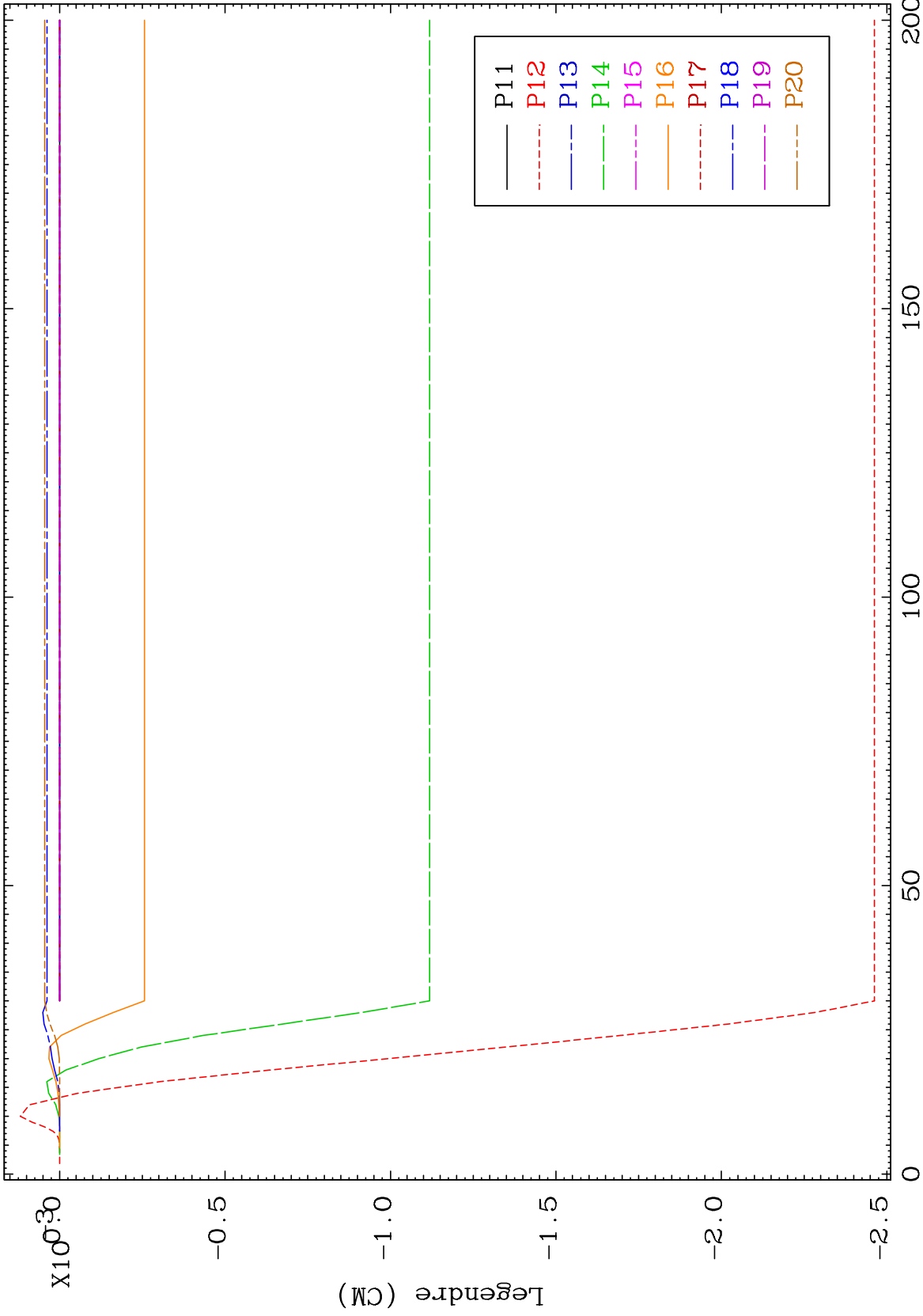
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



25

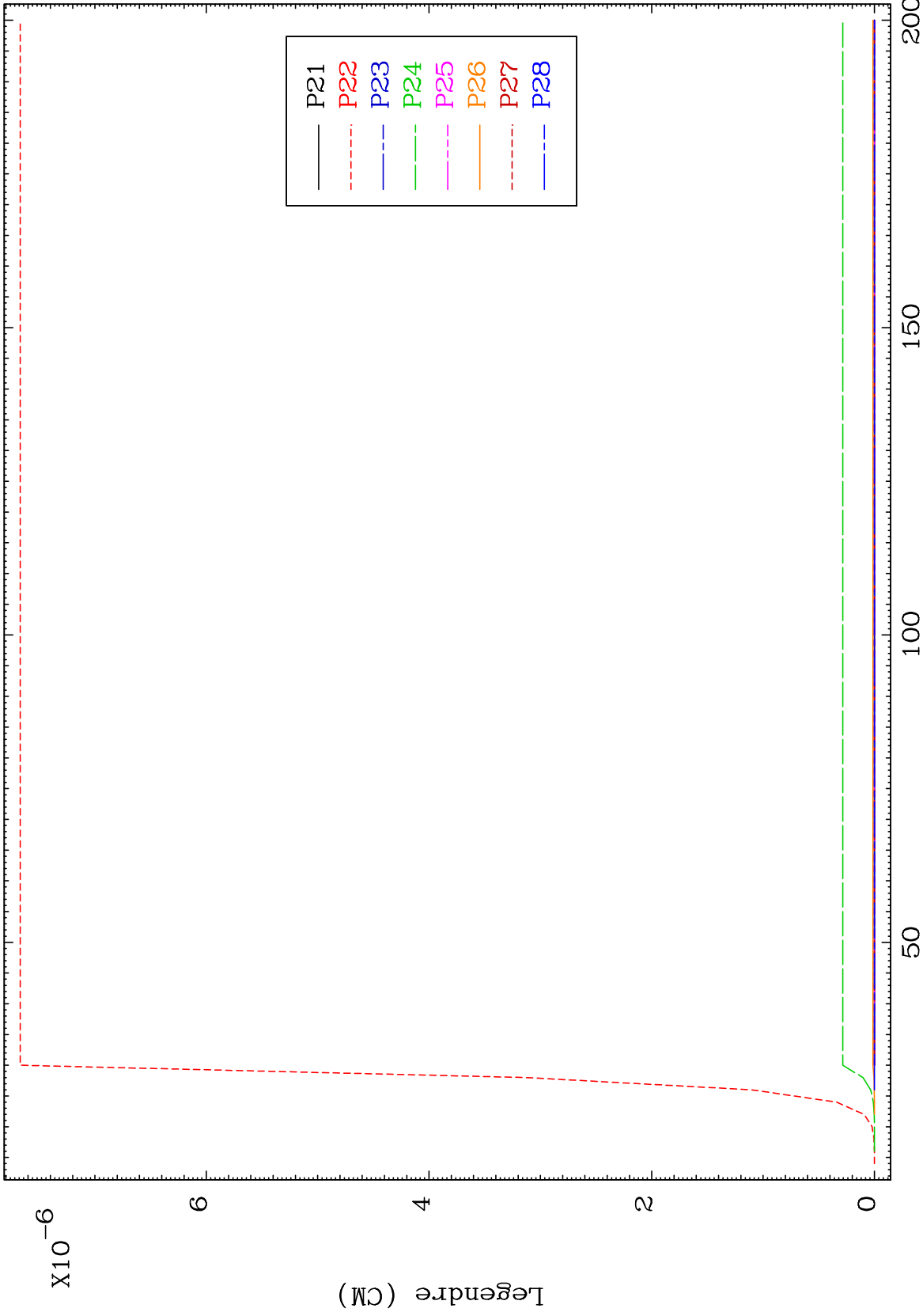
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



26

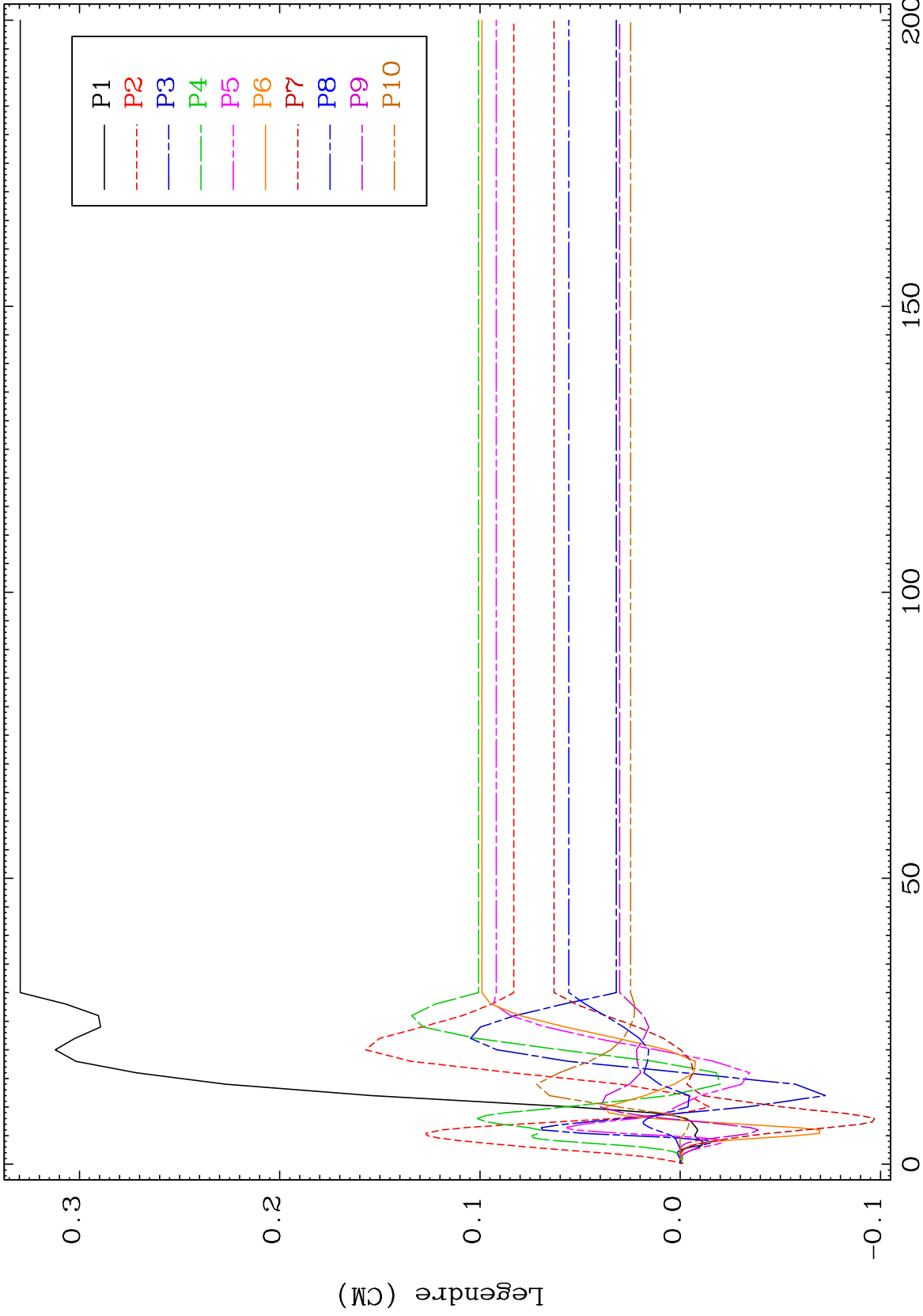
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



27

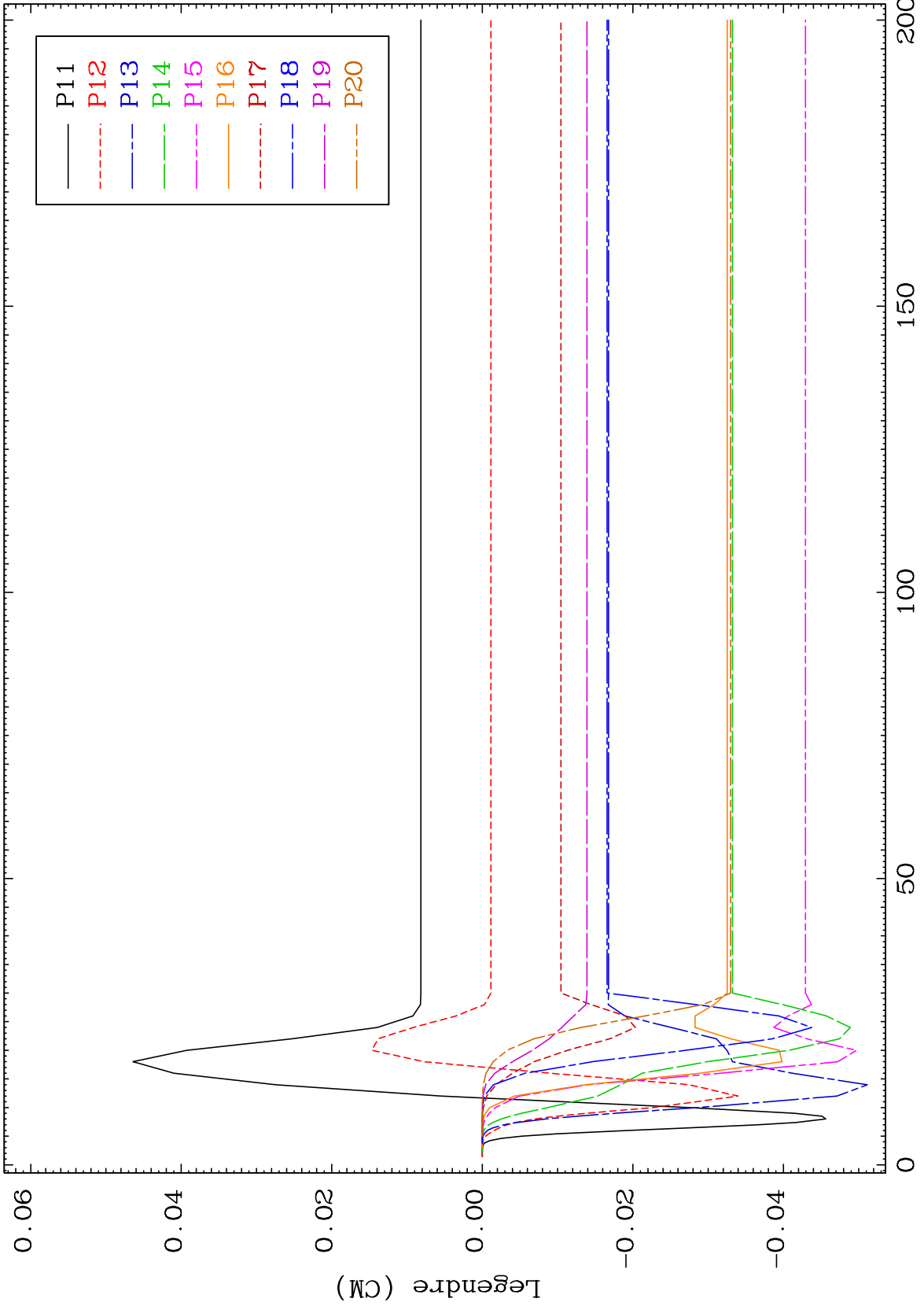
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



28

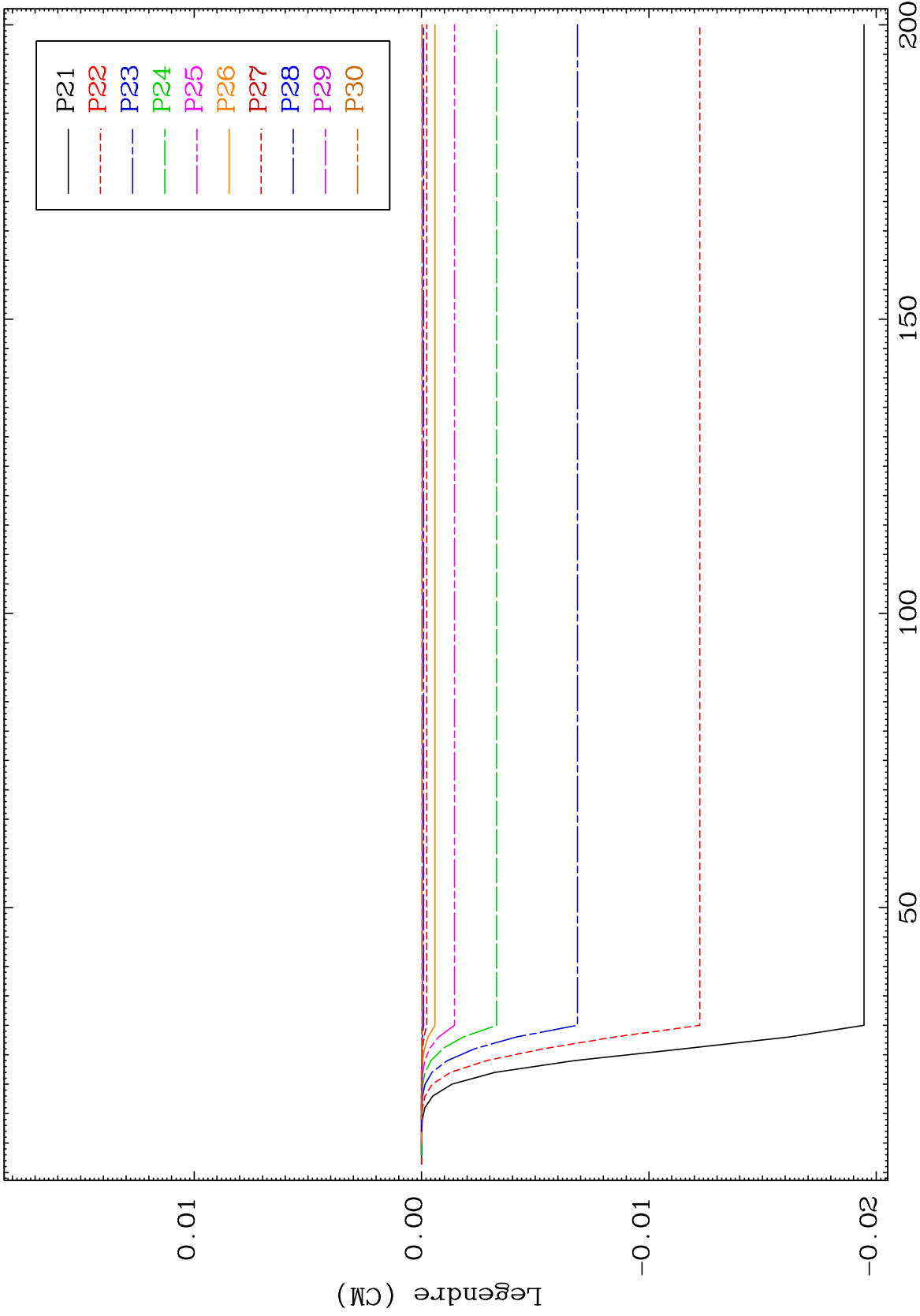
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



29

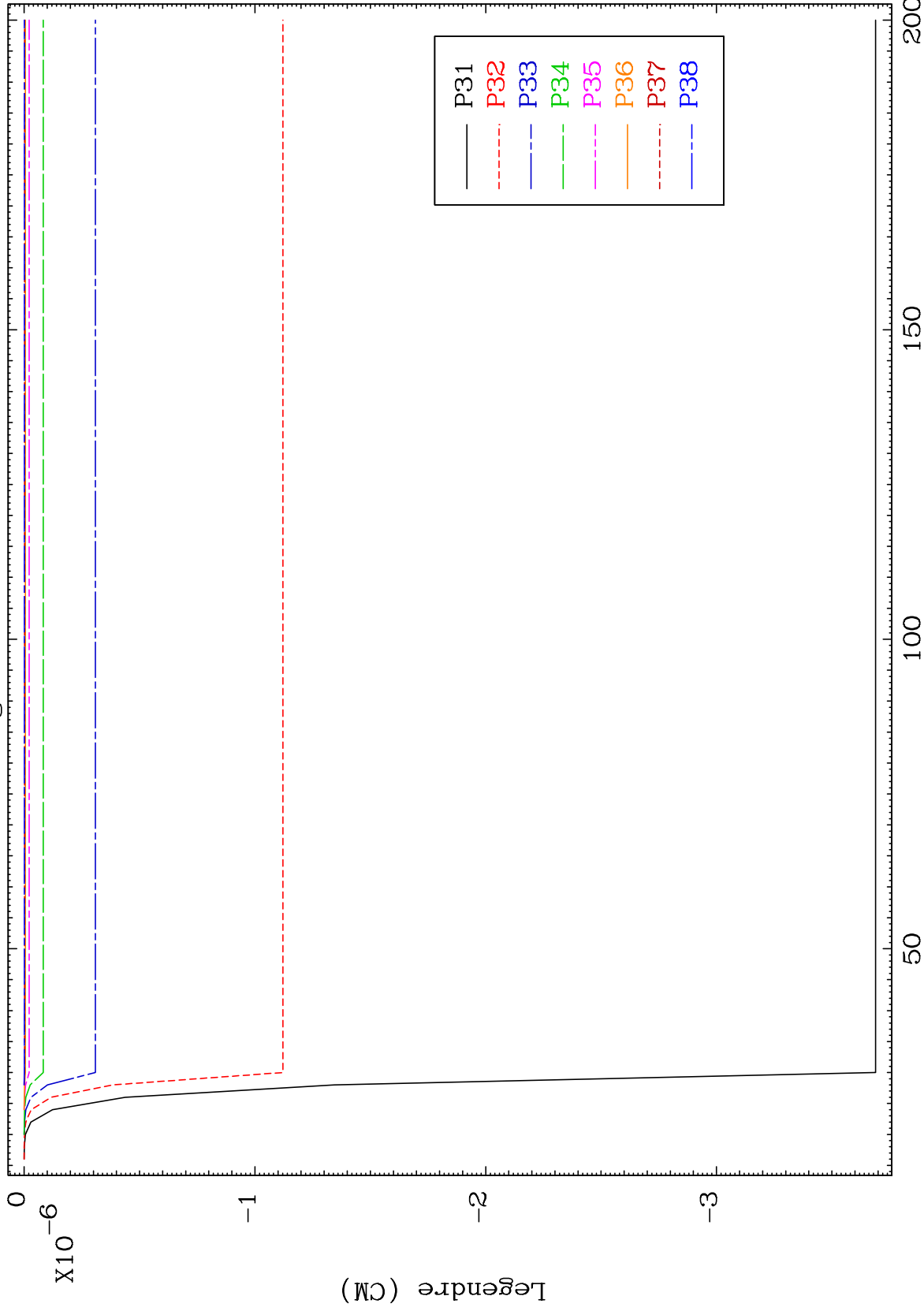
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



30

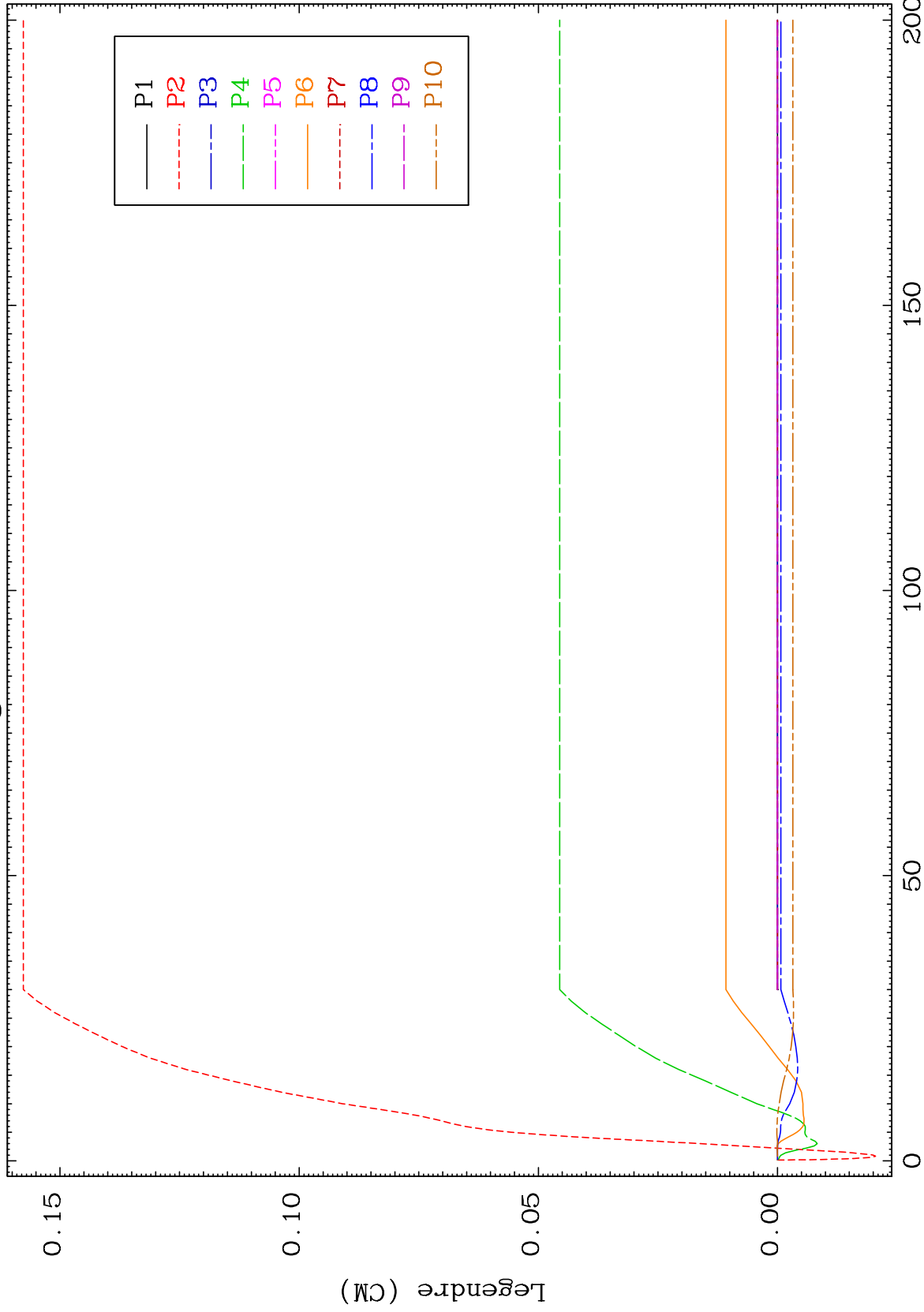
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



31

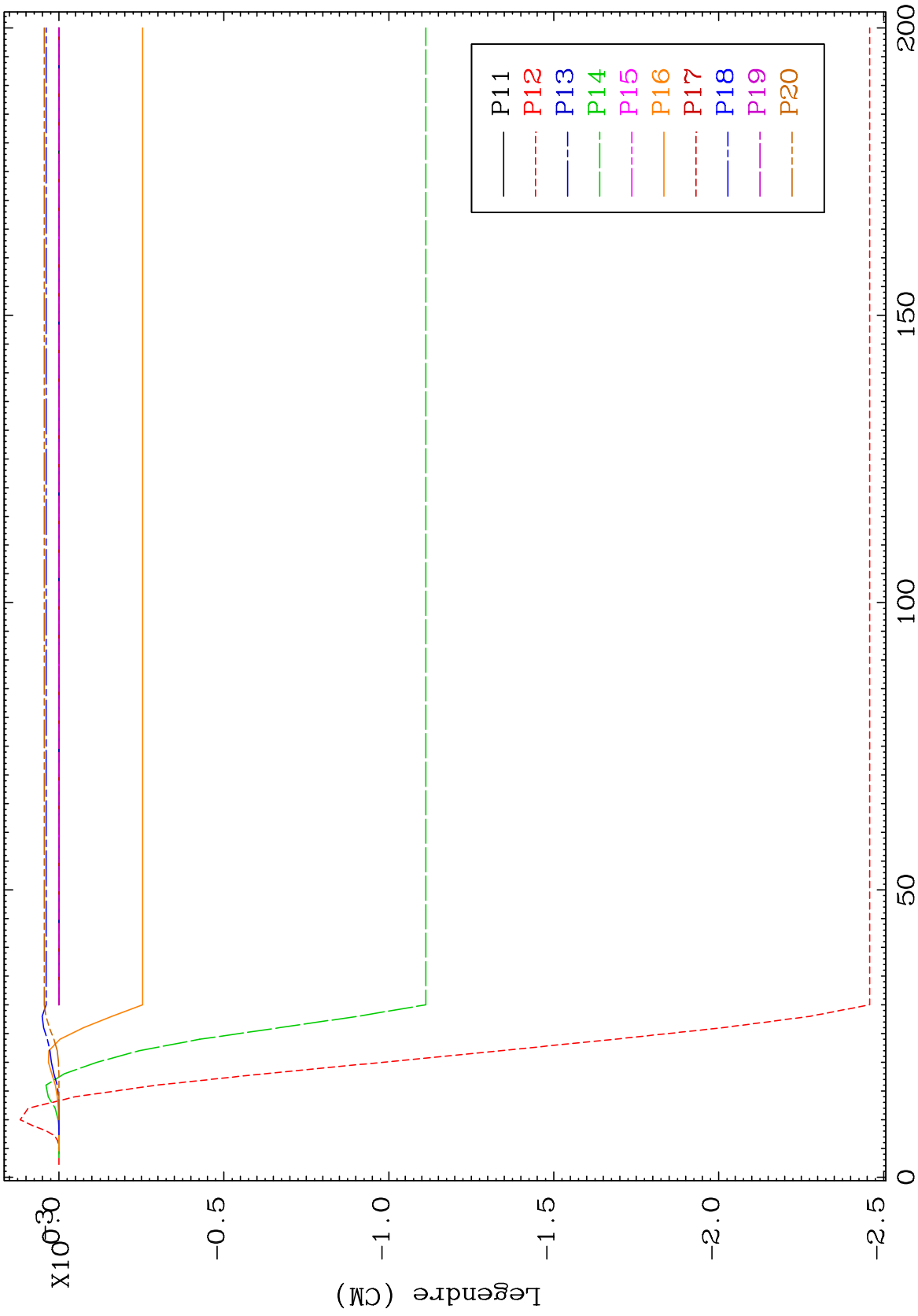
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



32

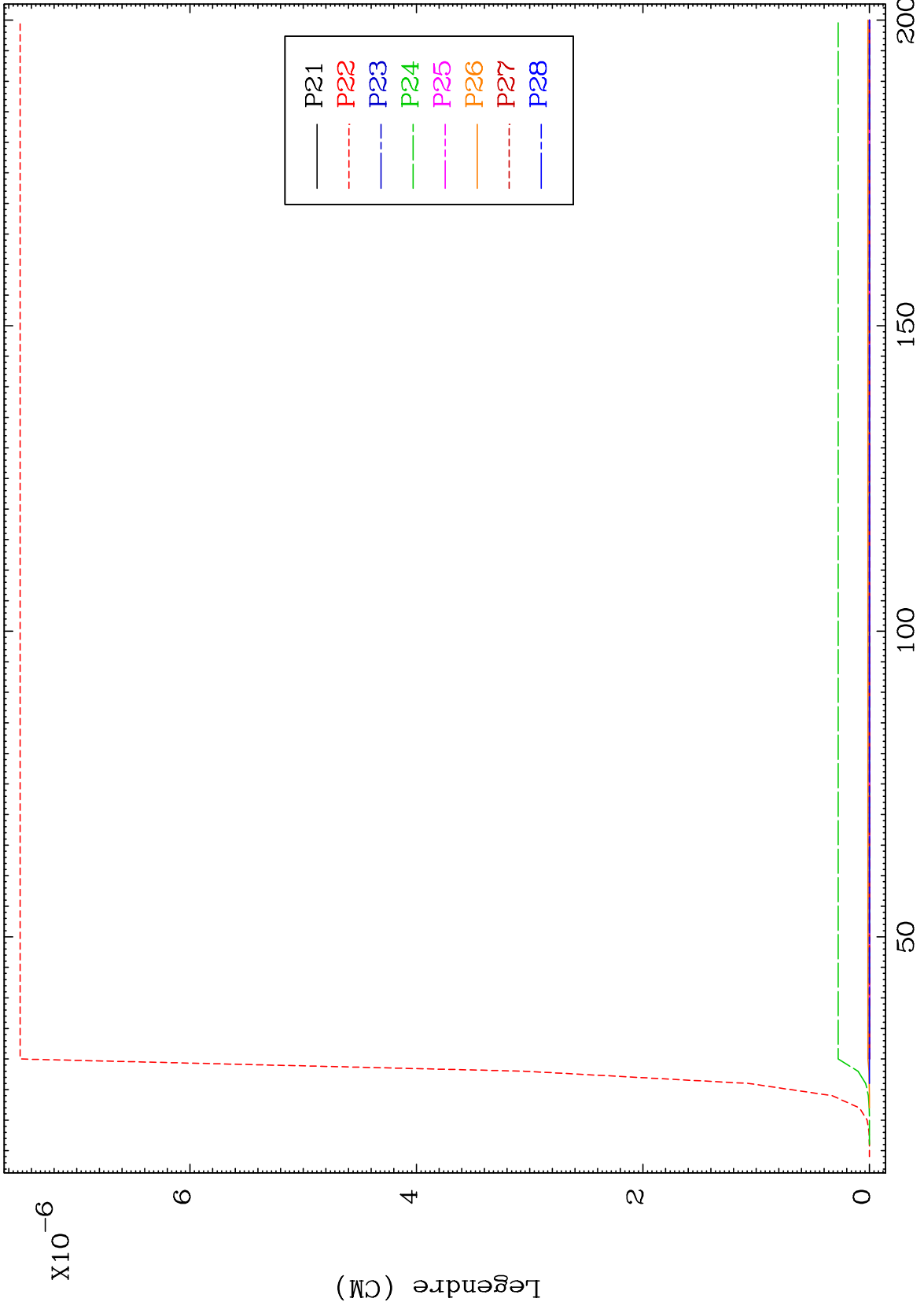
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



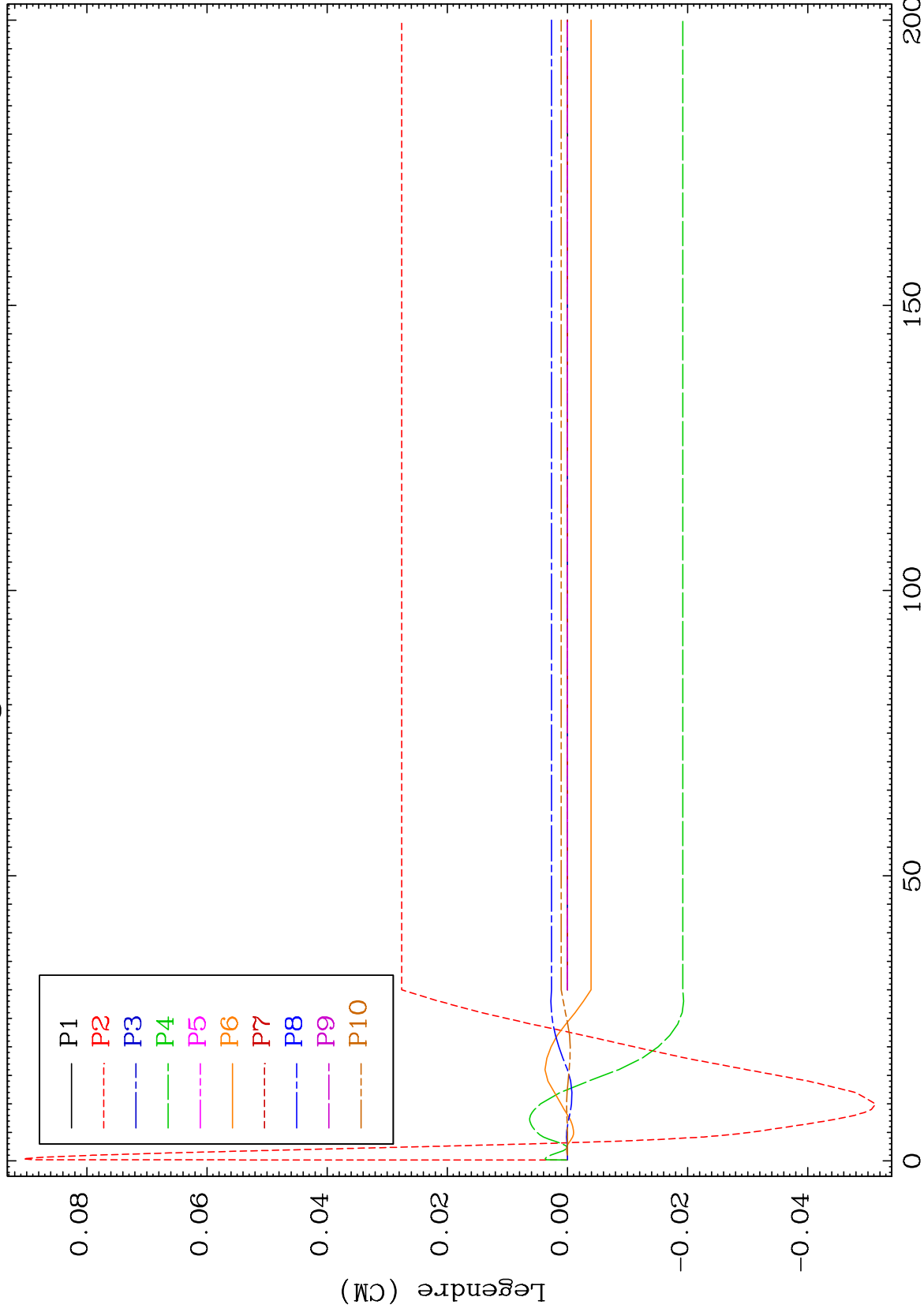
33

78-Pt-193

MAT 7834

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

78-Pt-193



34

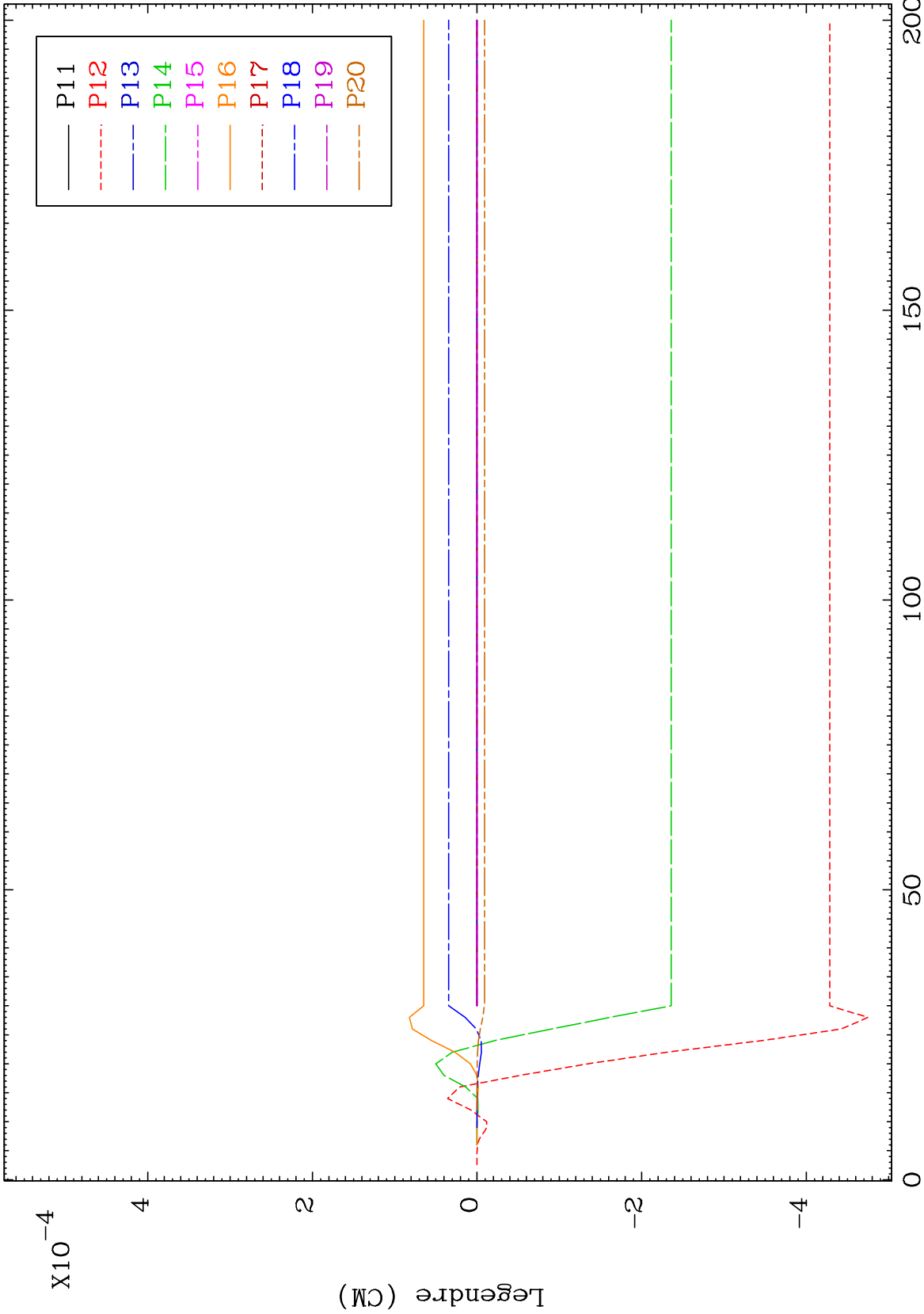
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



35

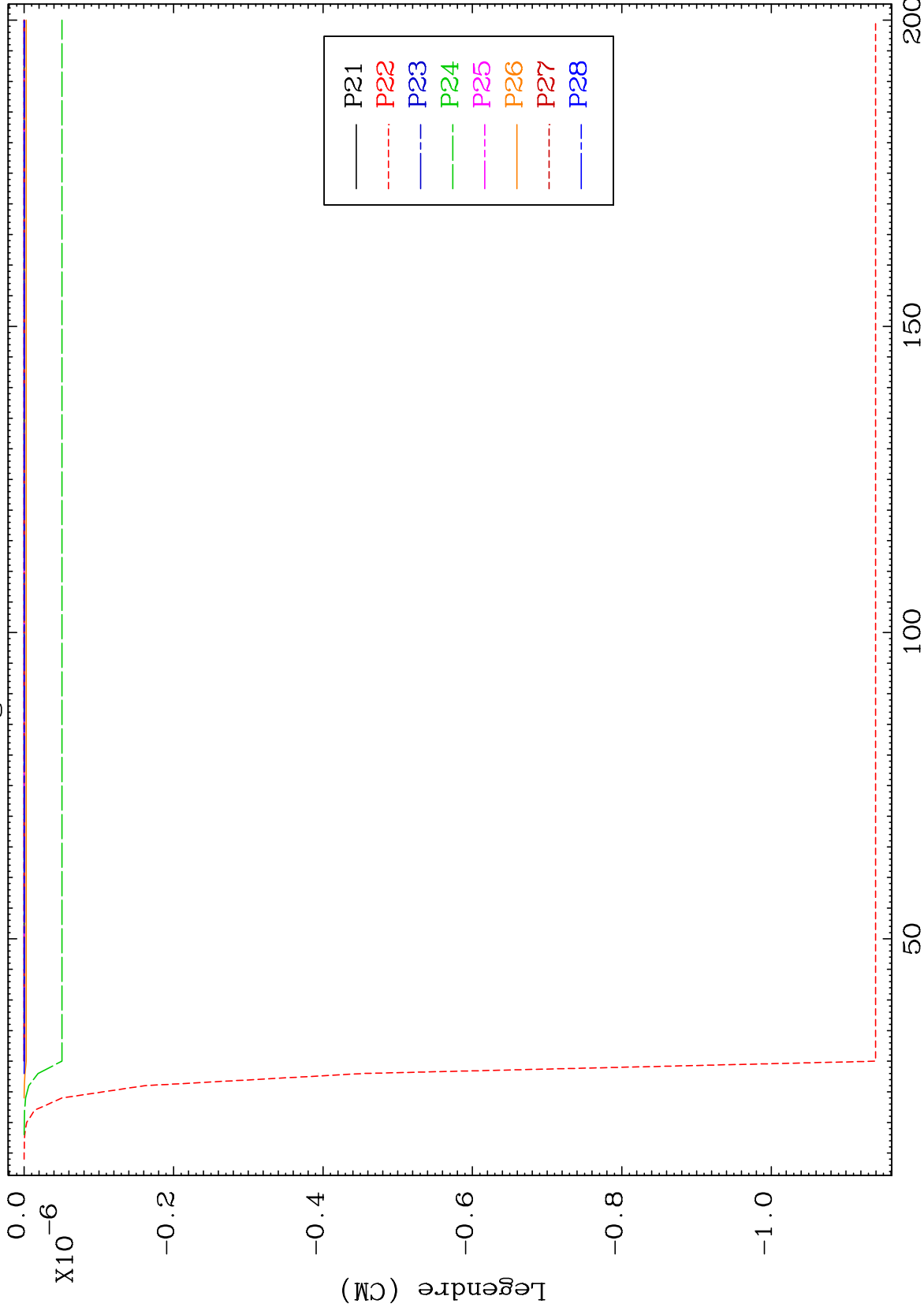
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



36

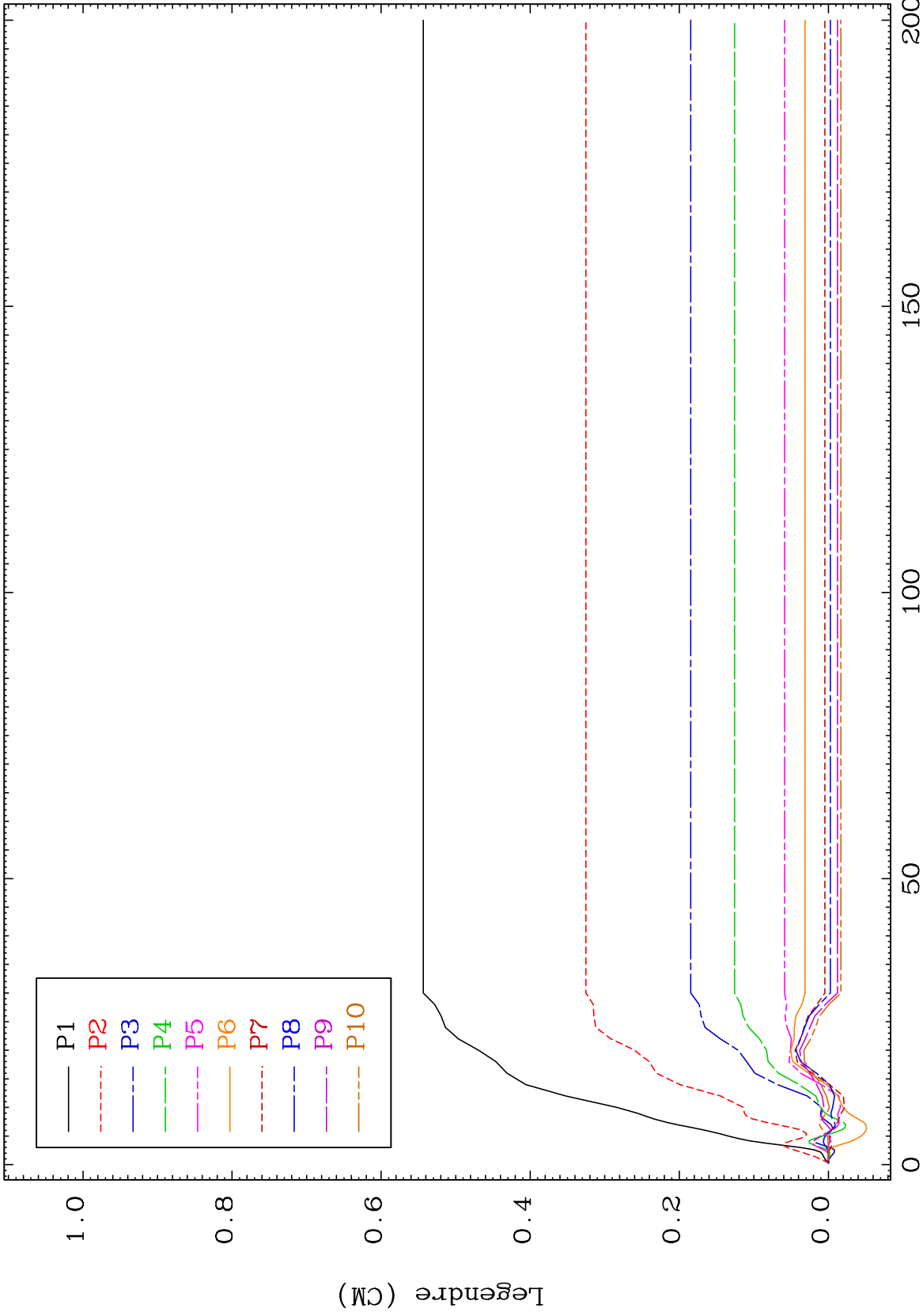
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



37

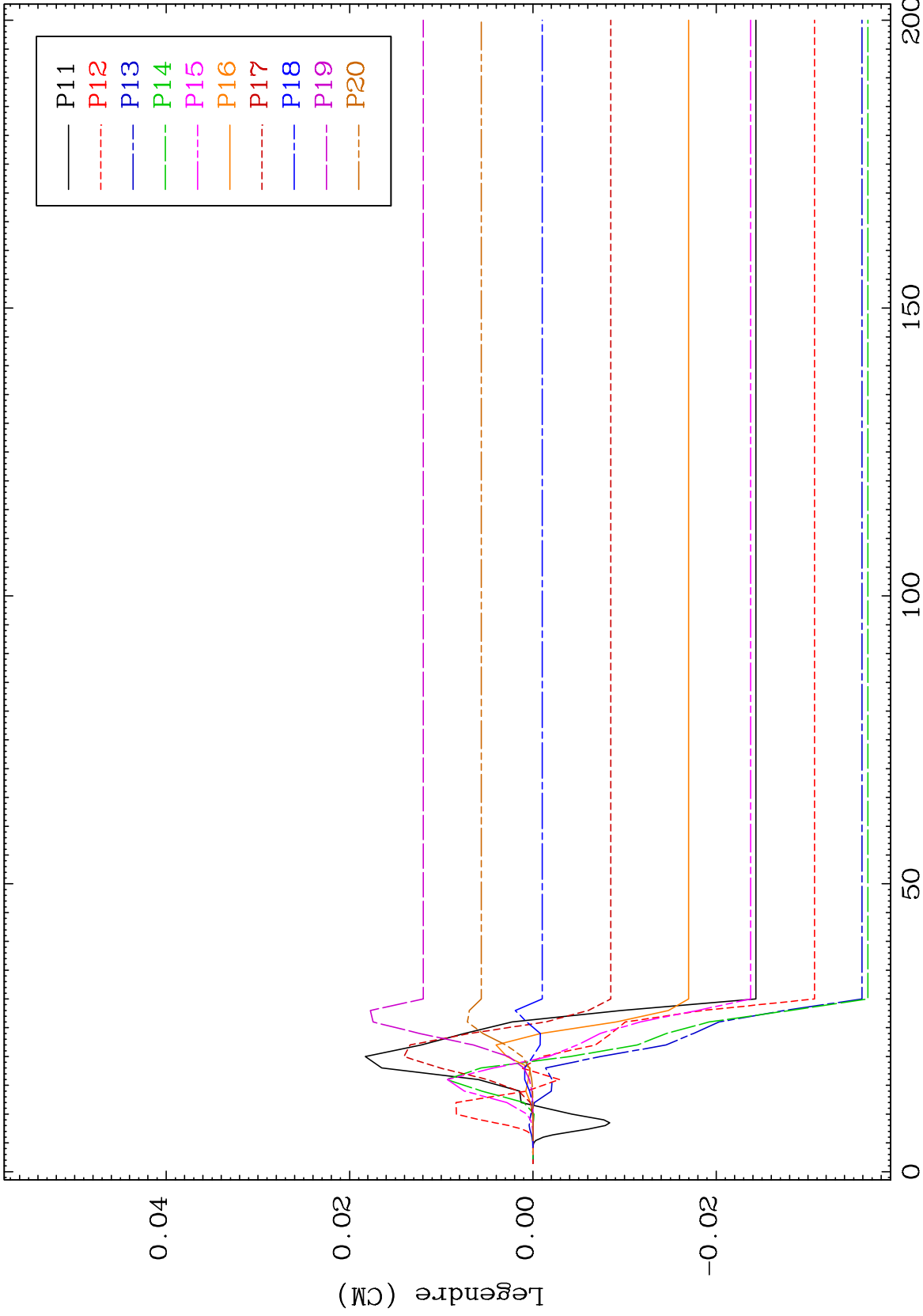
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



38

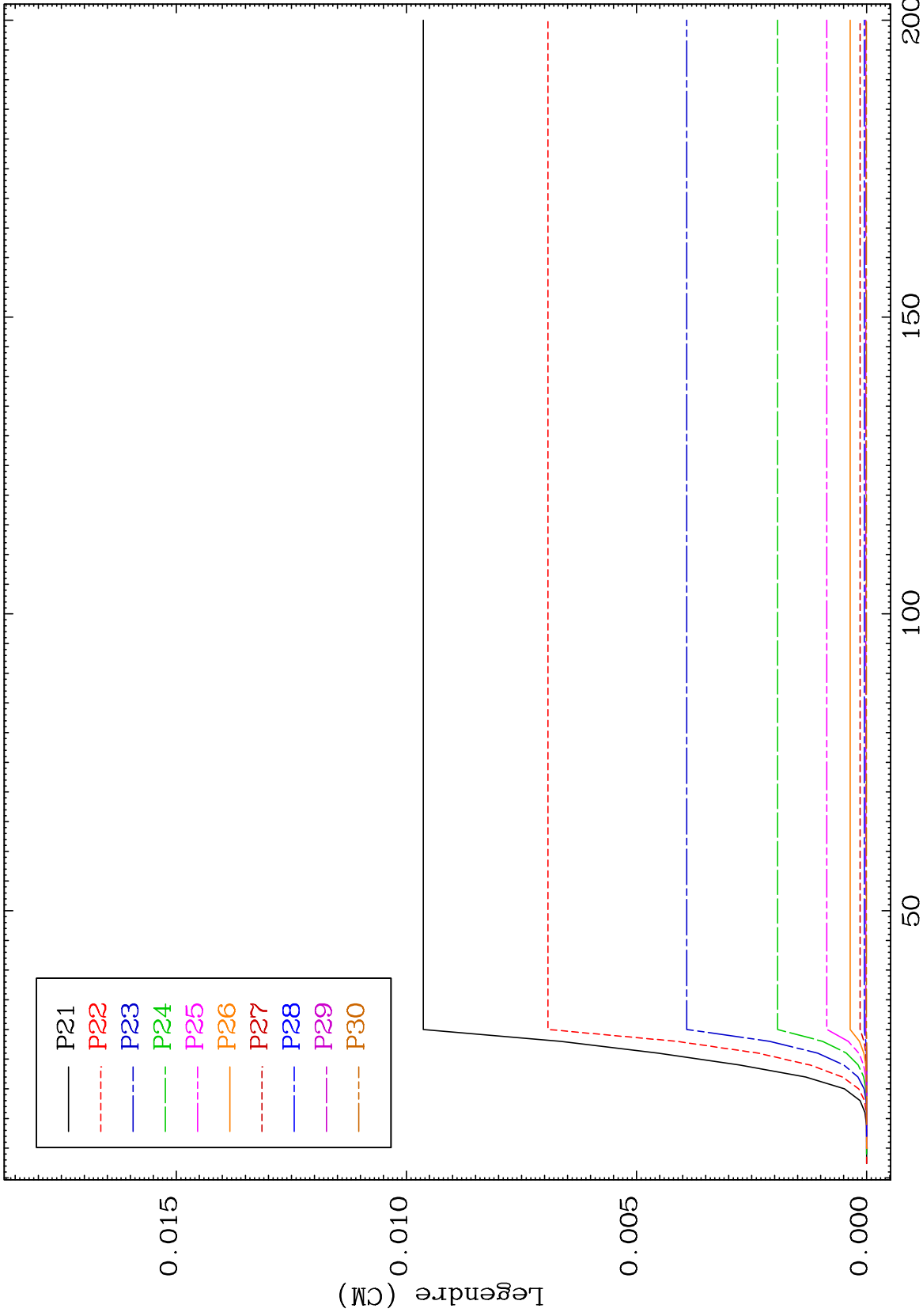
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



39

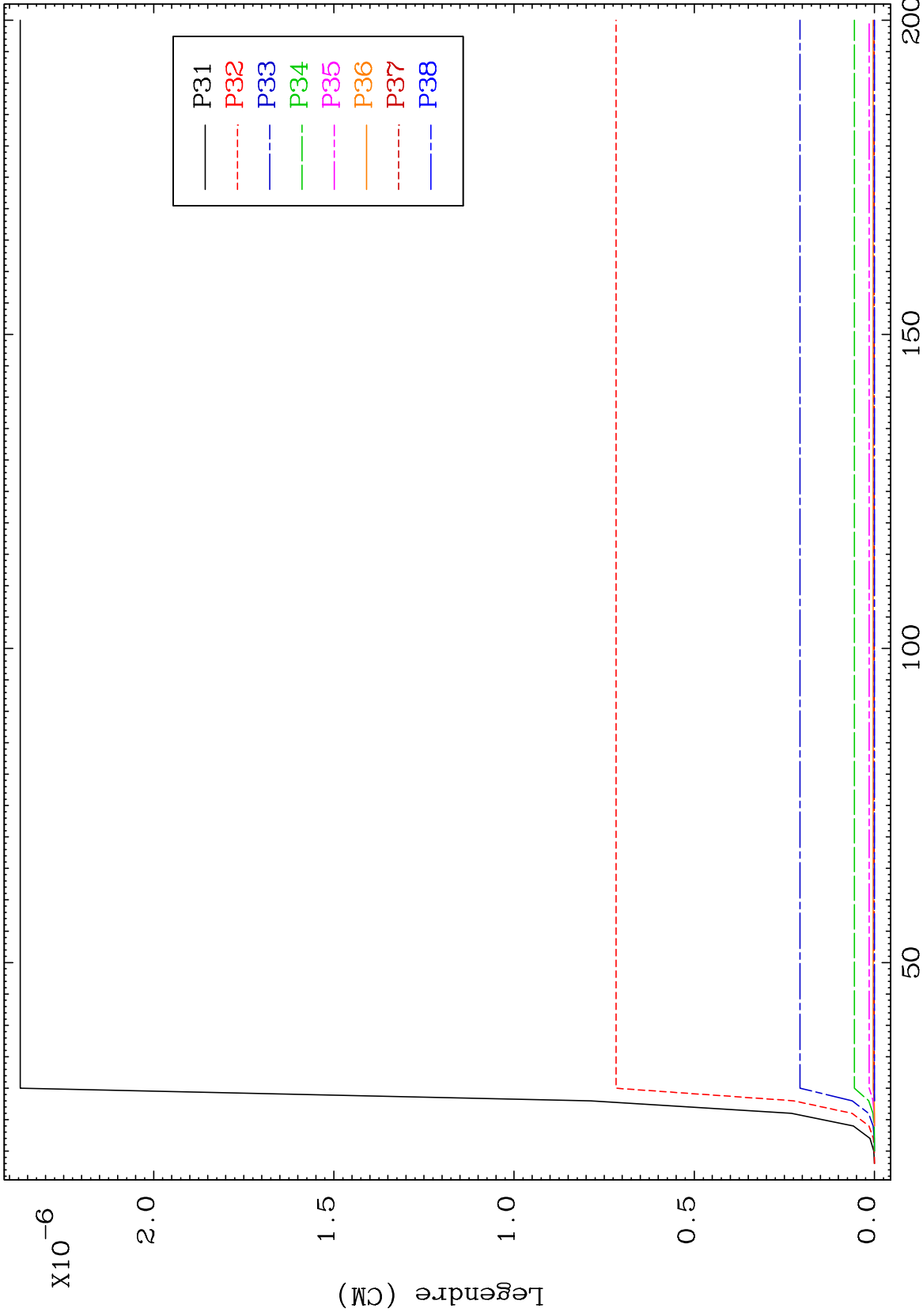
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



40

Incident Energy (MeV)

150

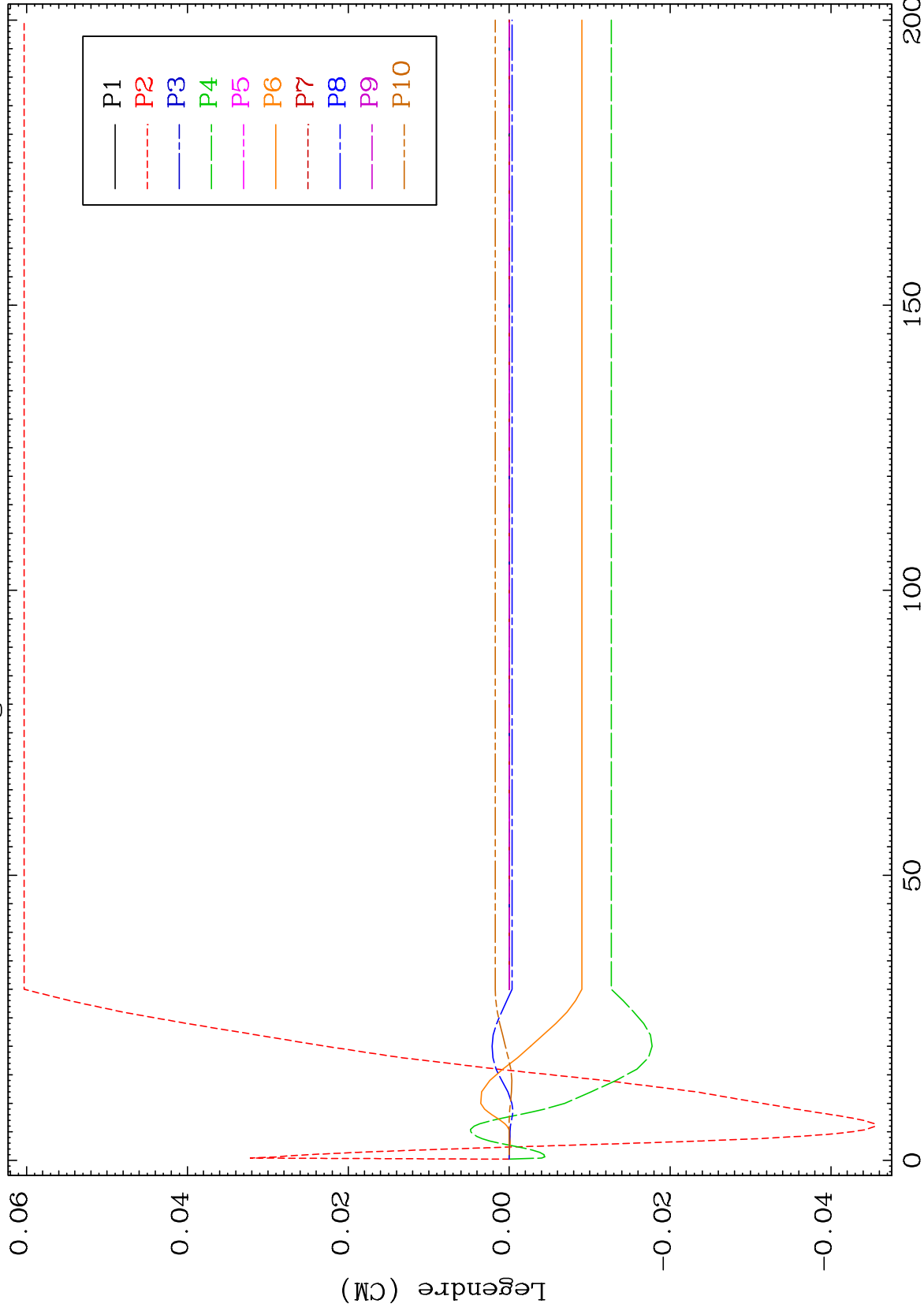
200

78-Pt-193

MAT 7834

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

78-Pt-193



41

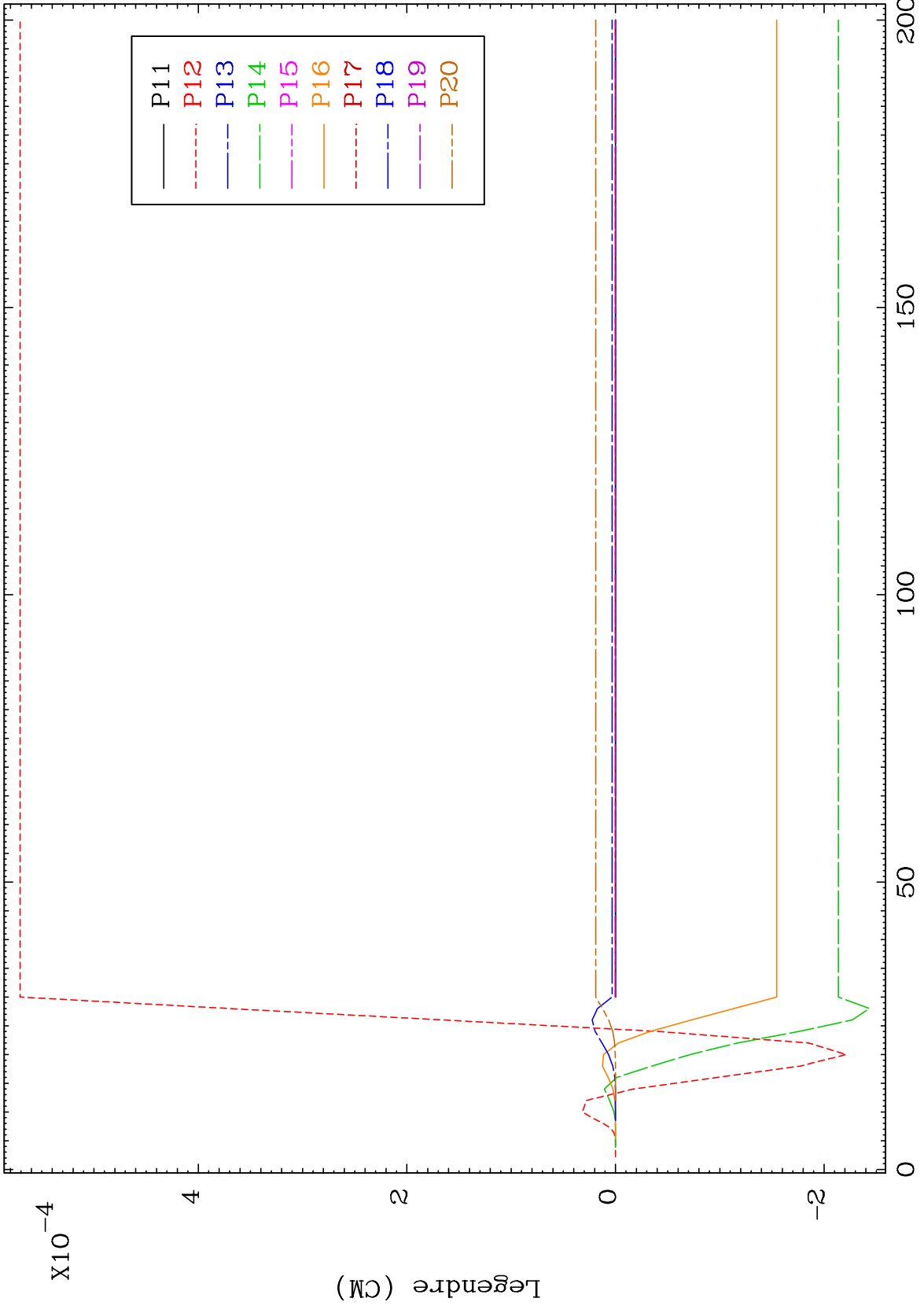
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



42

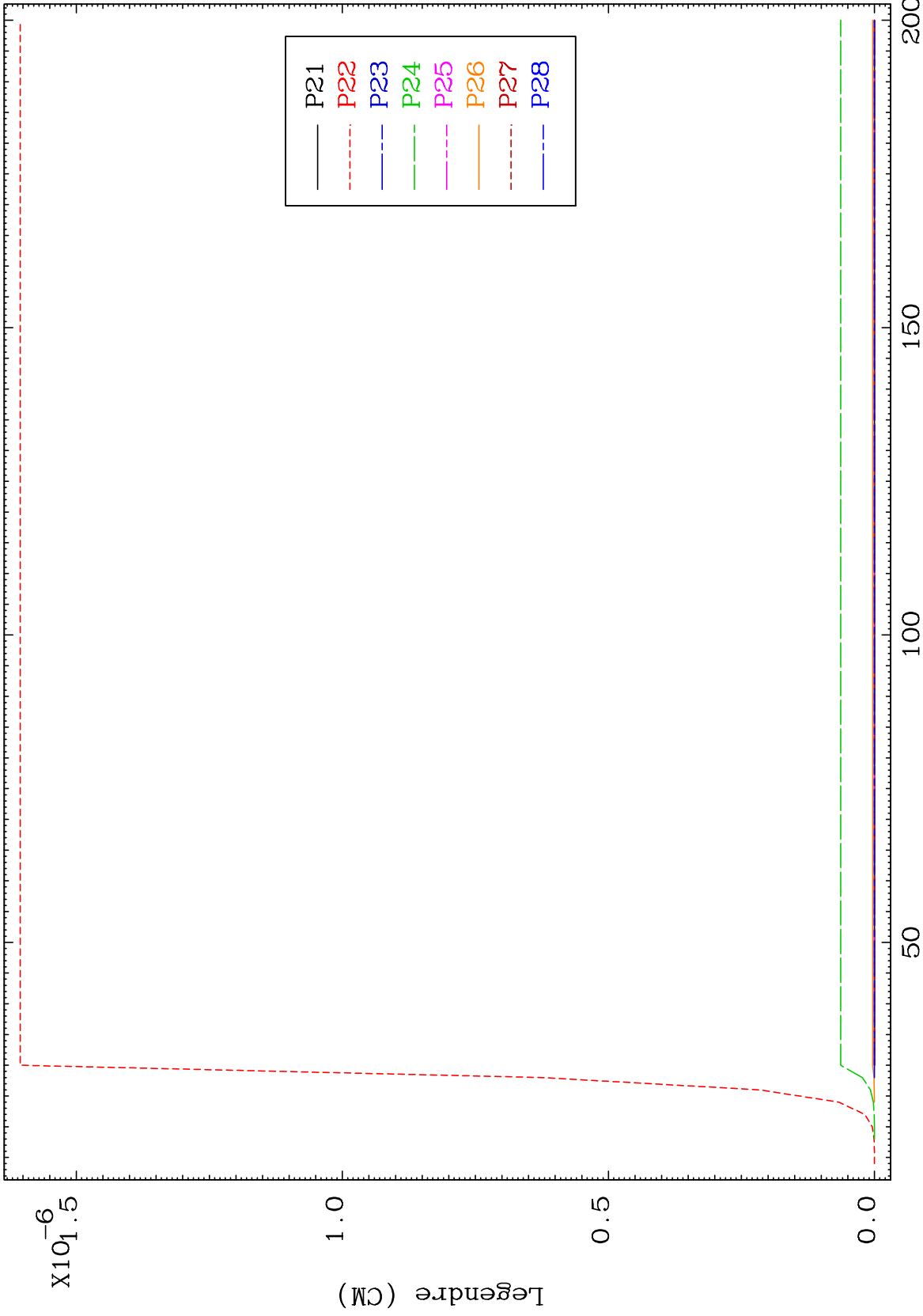
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



43

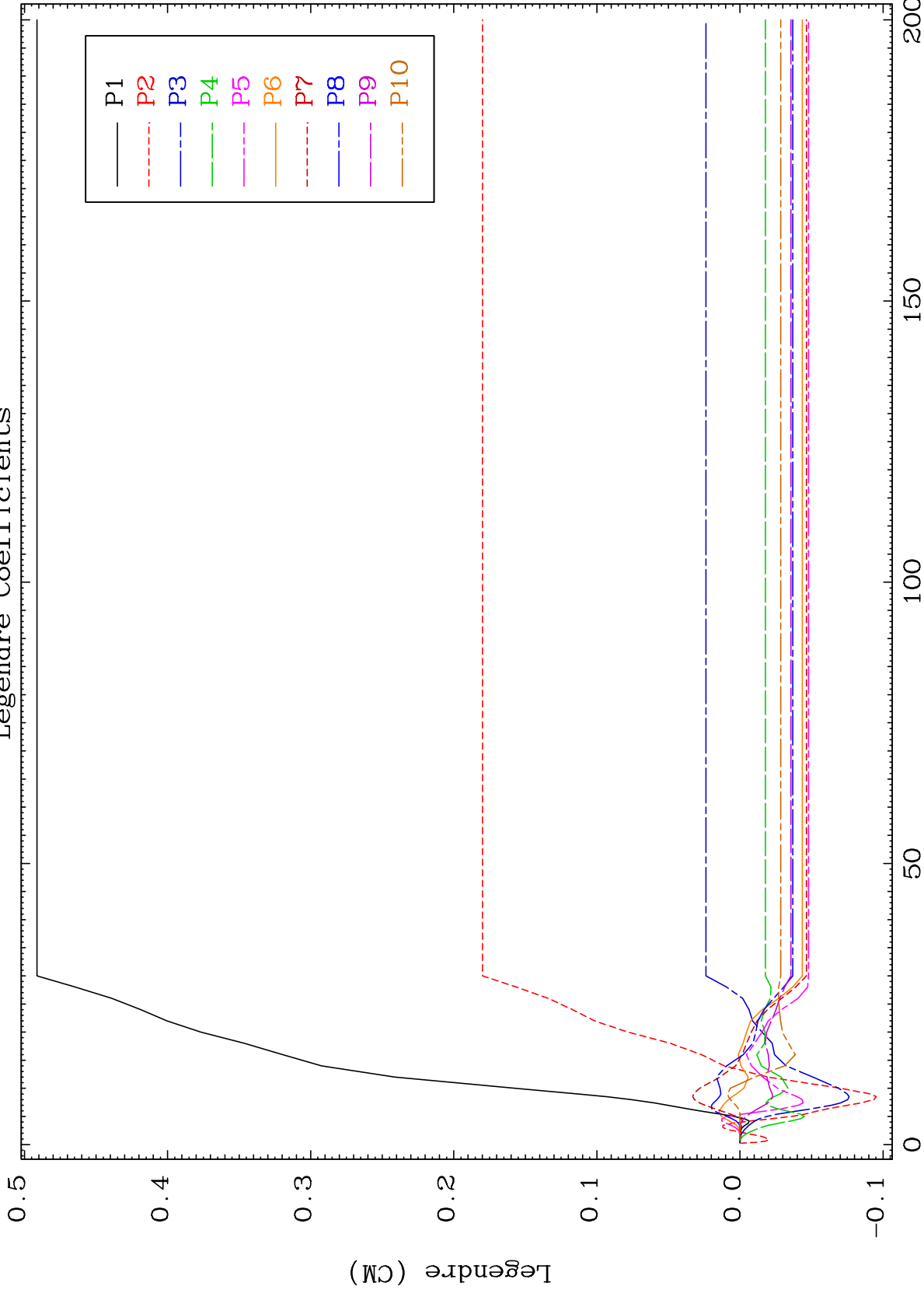
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



44

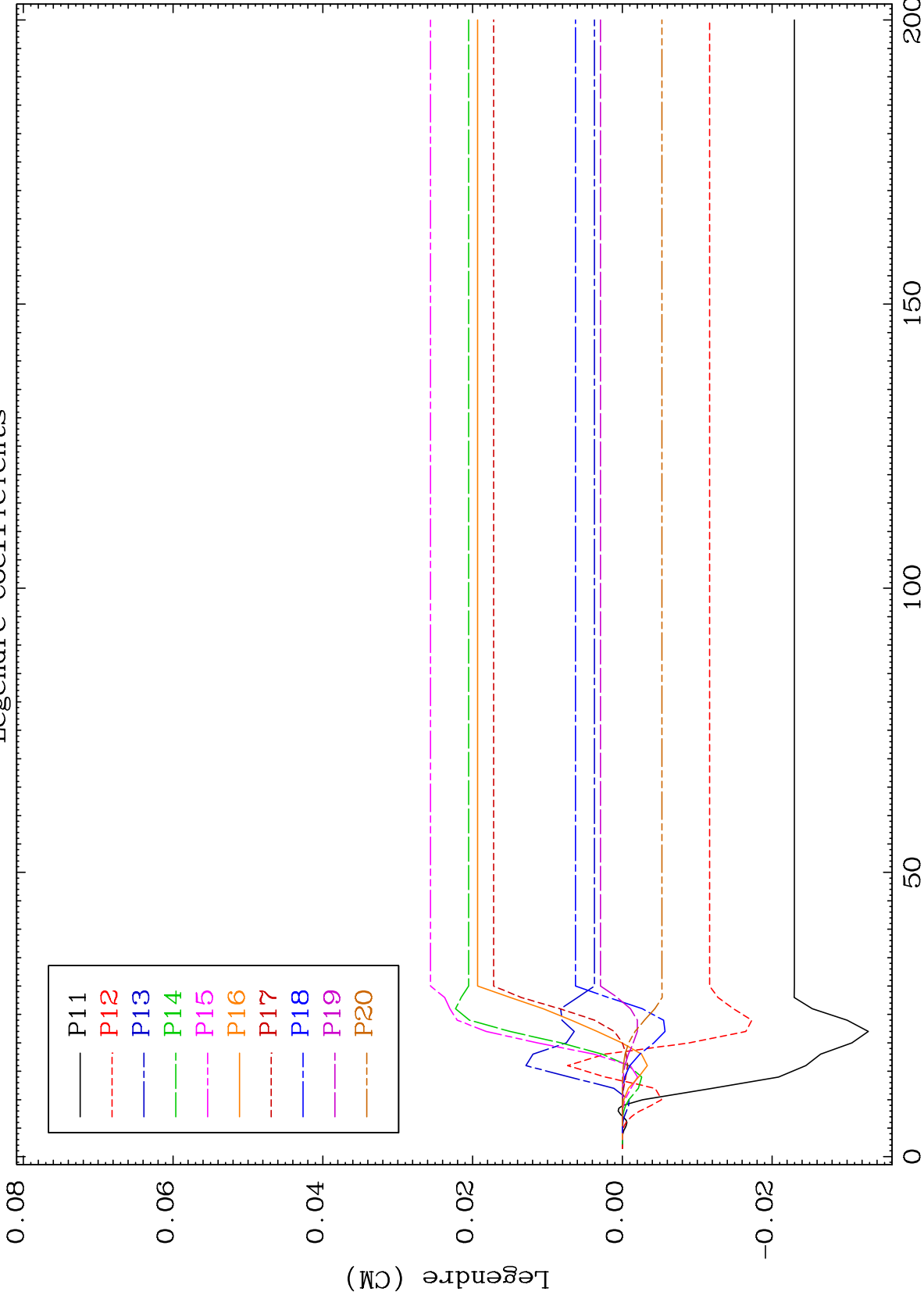
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



45

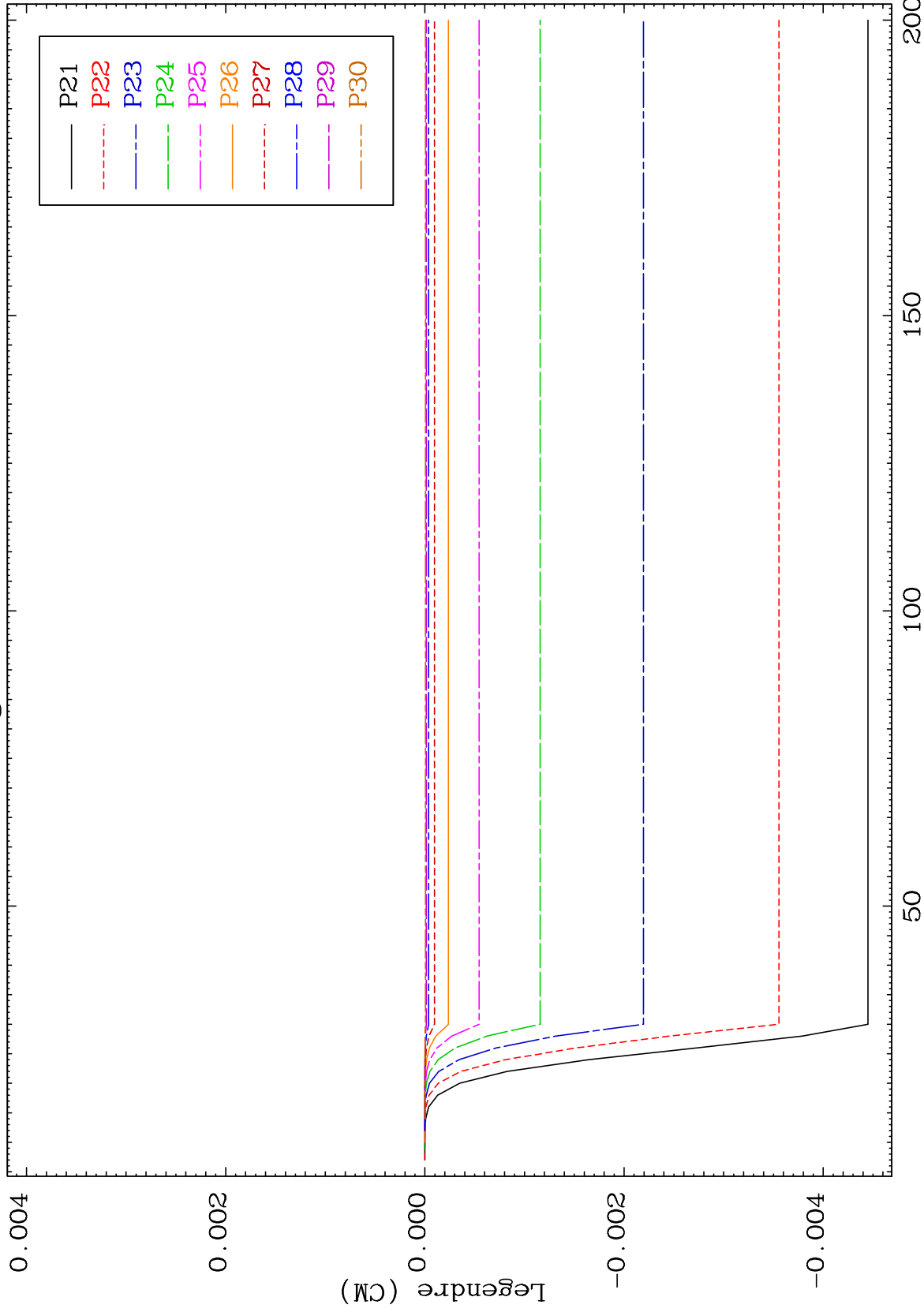
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



46

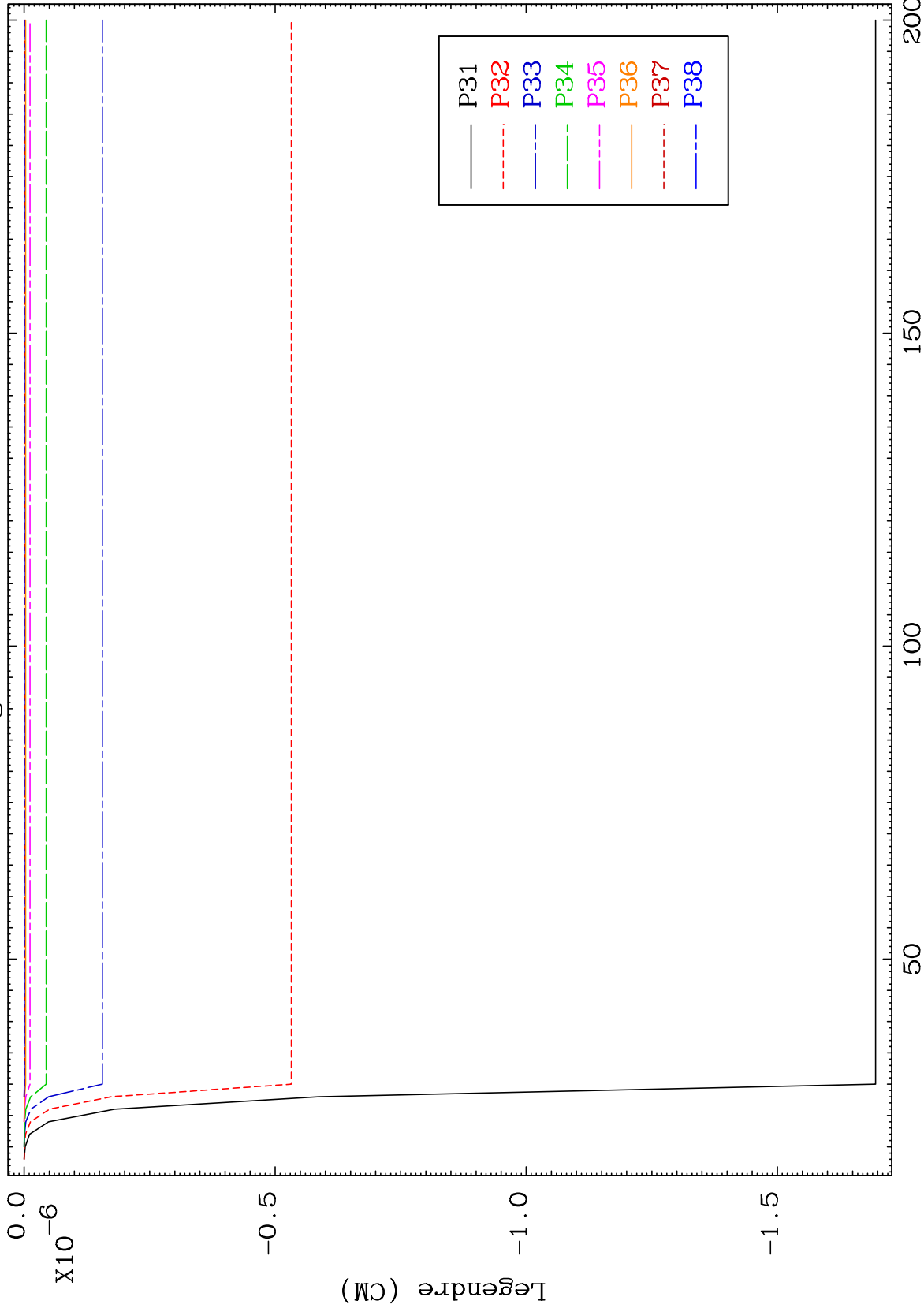
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



47

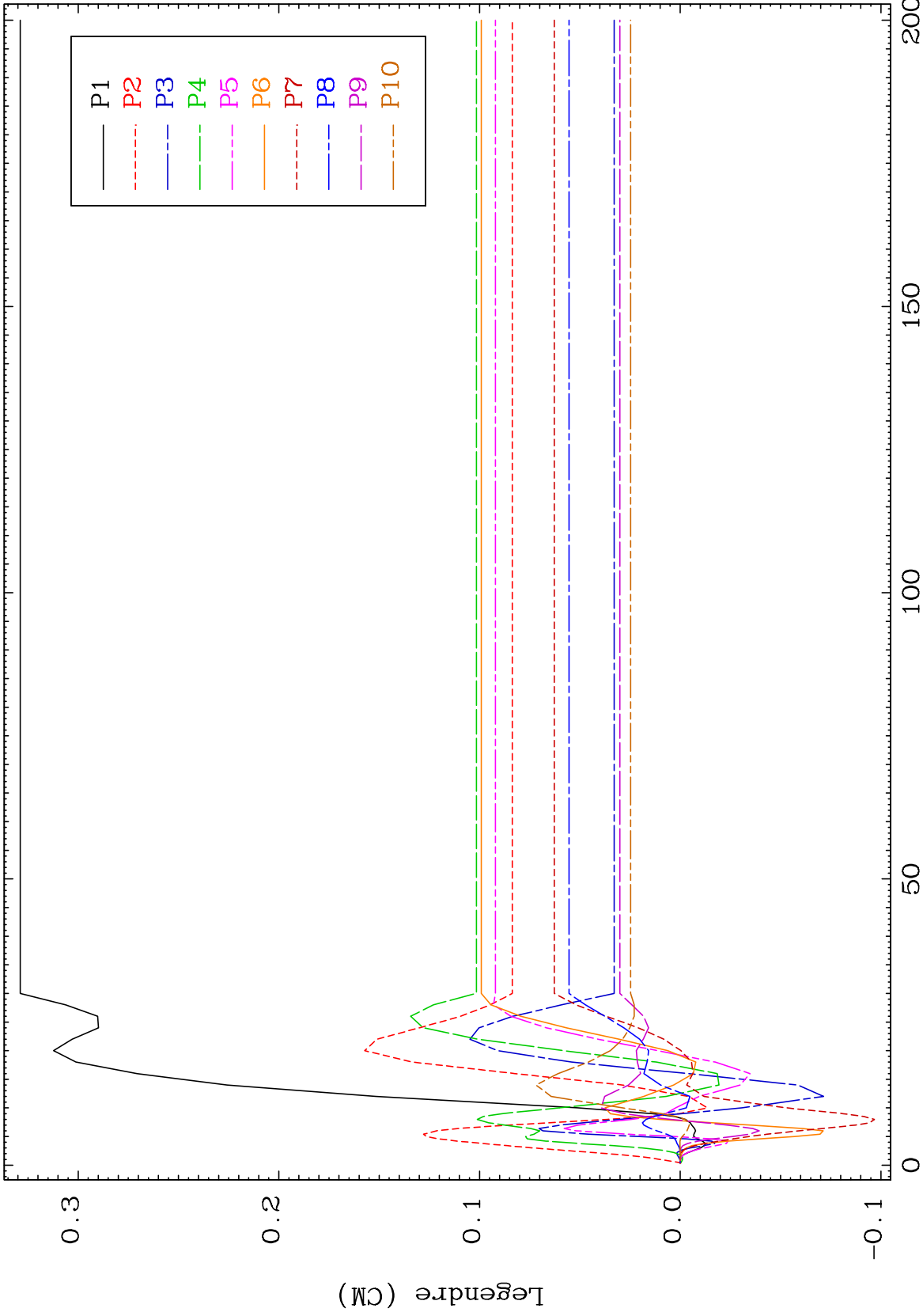
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



48

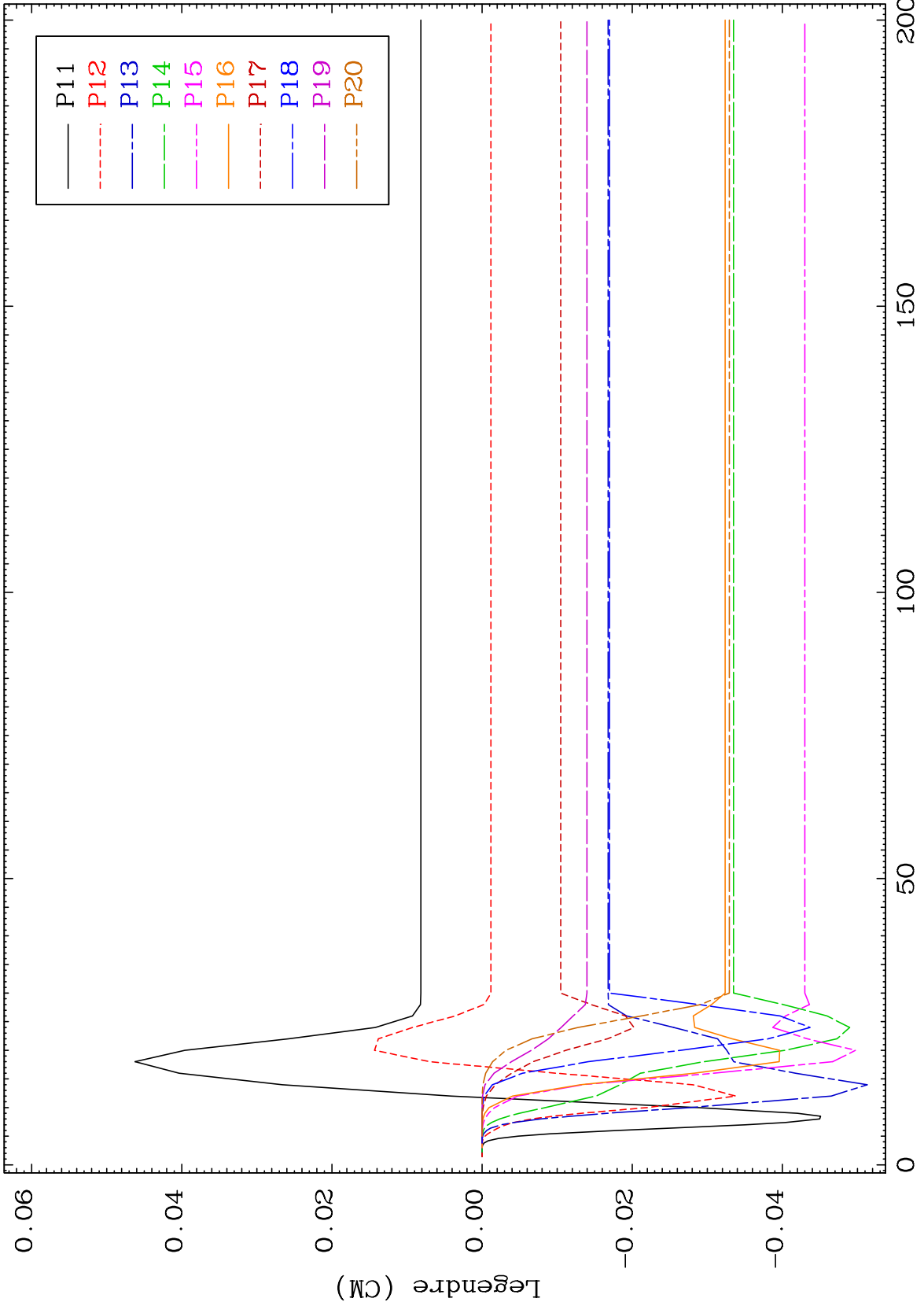
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



49

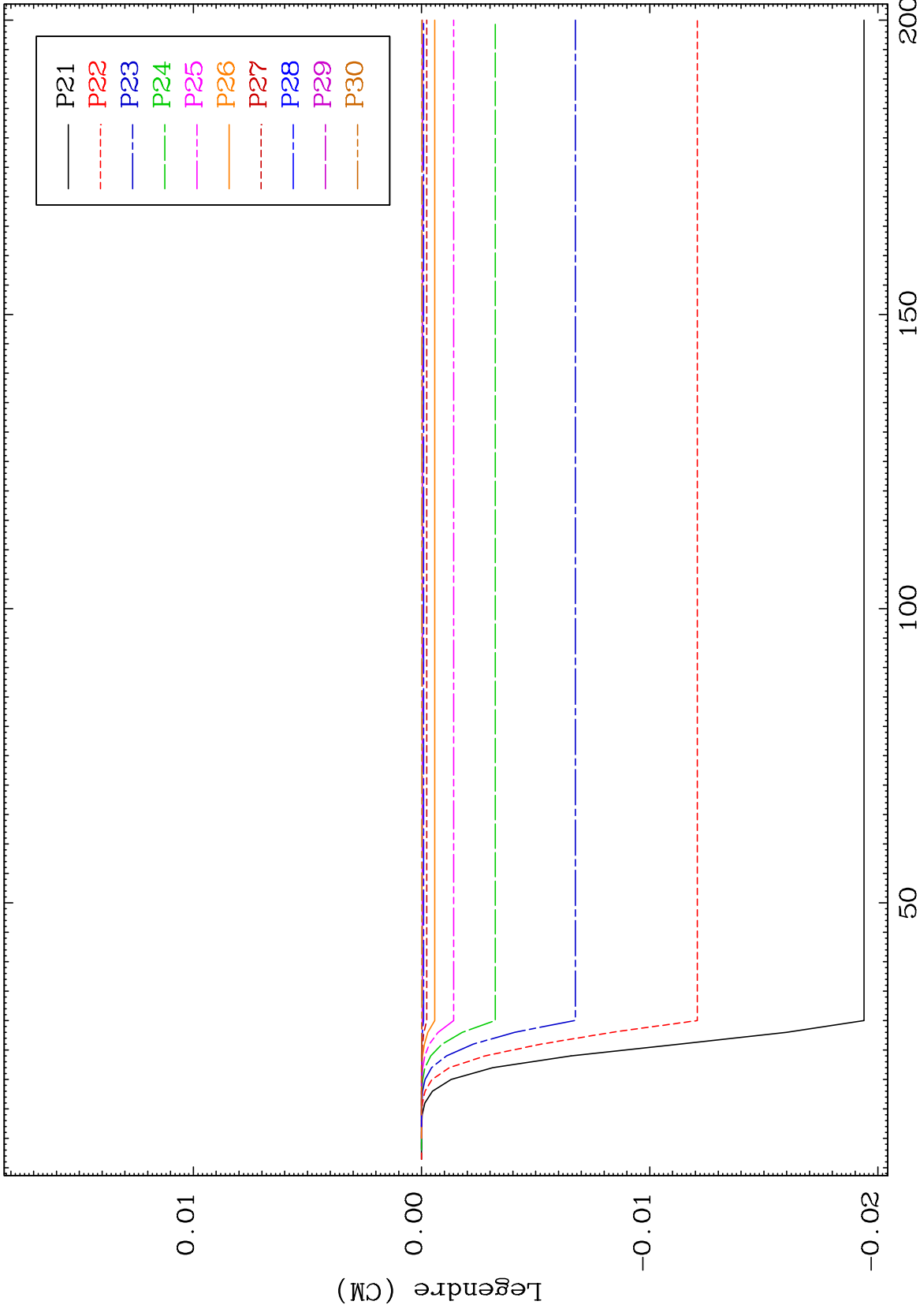
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



50

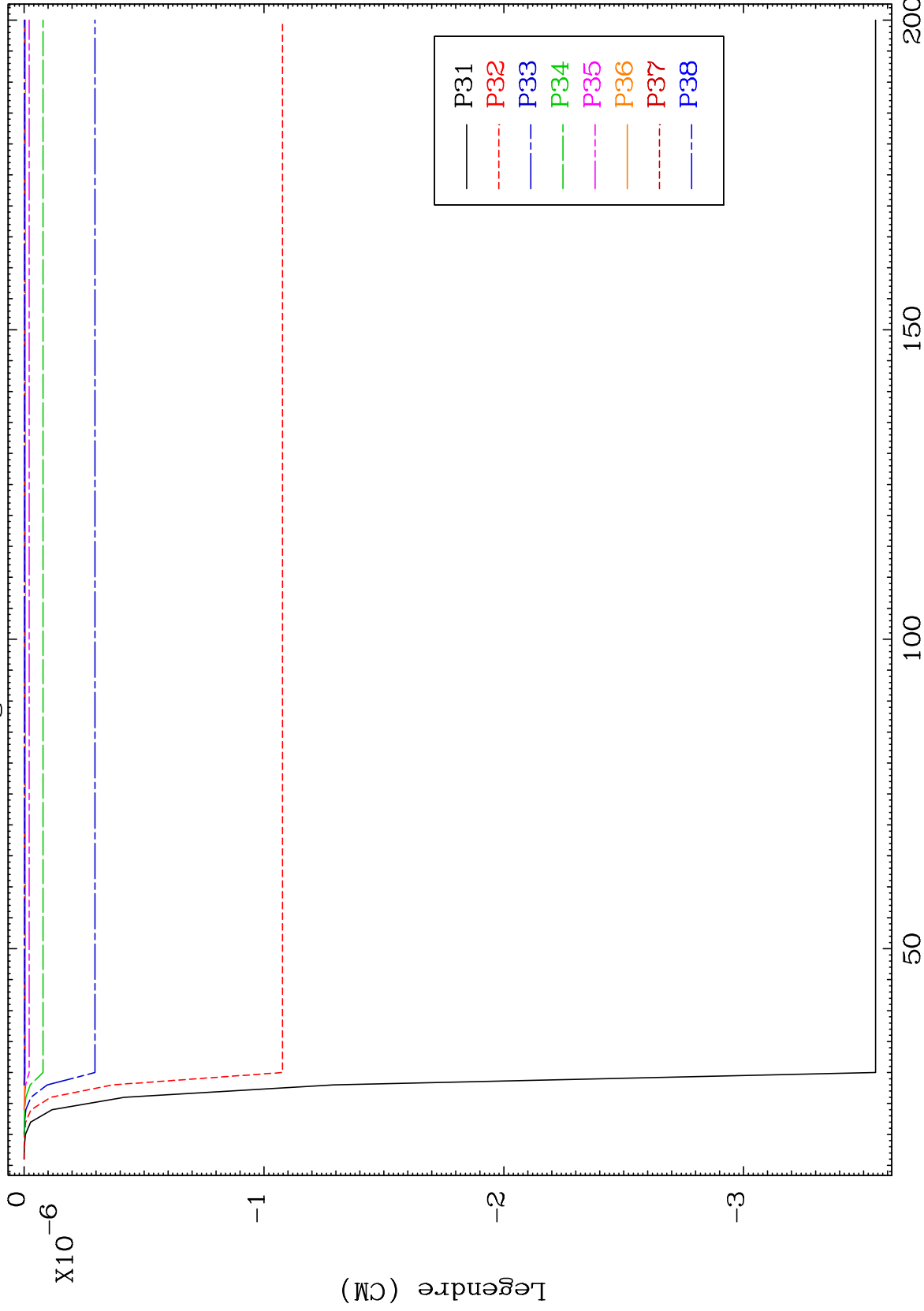
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



51

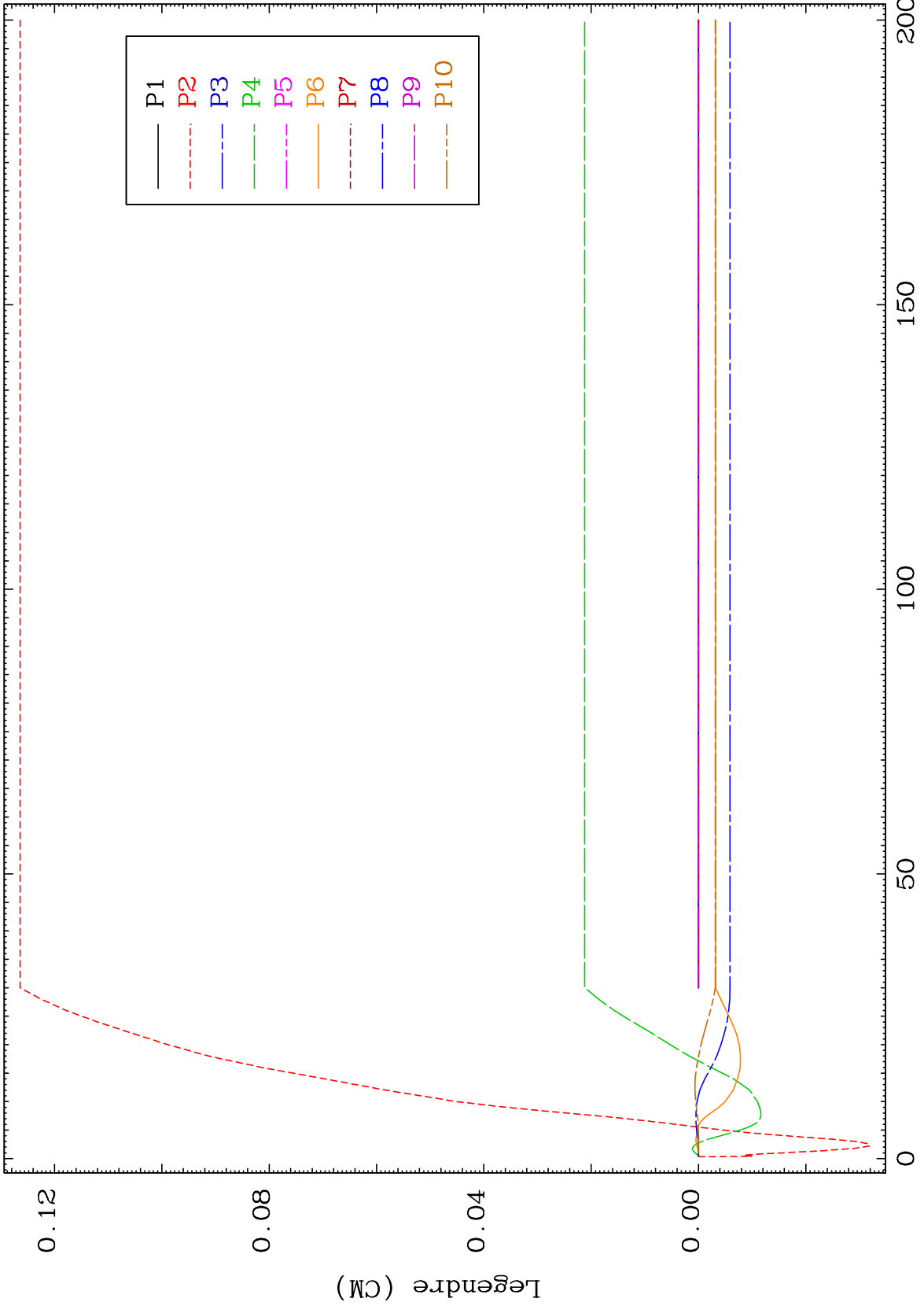
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



52

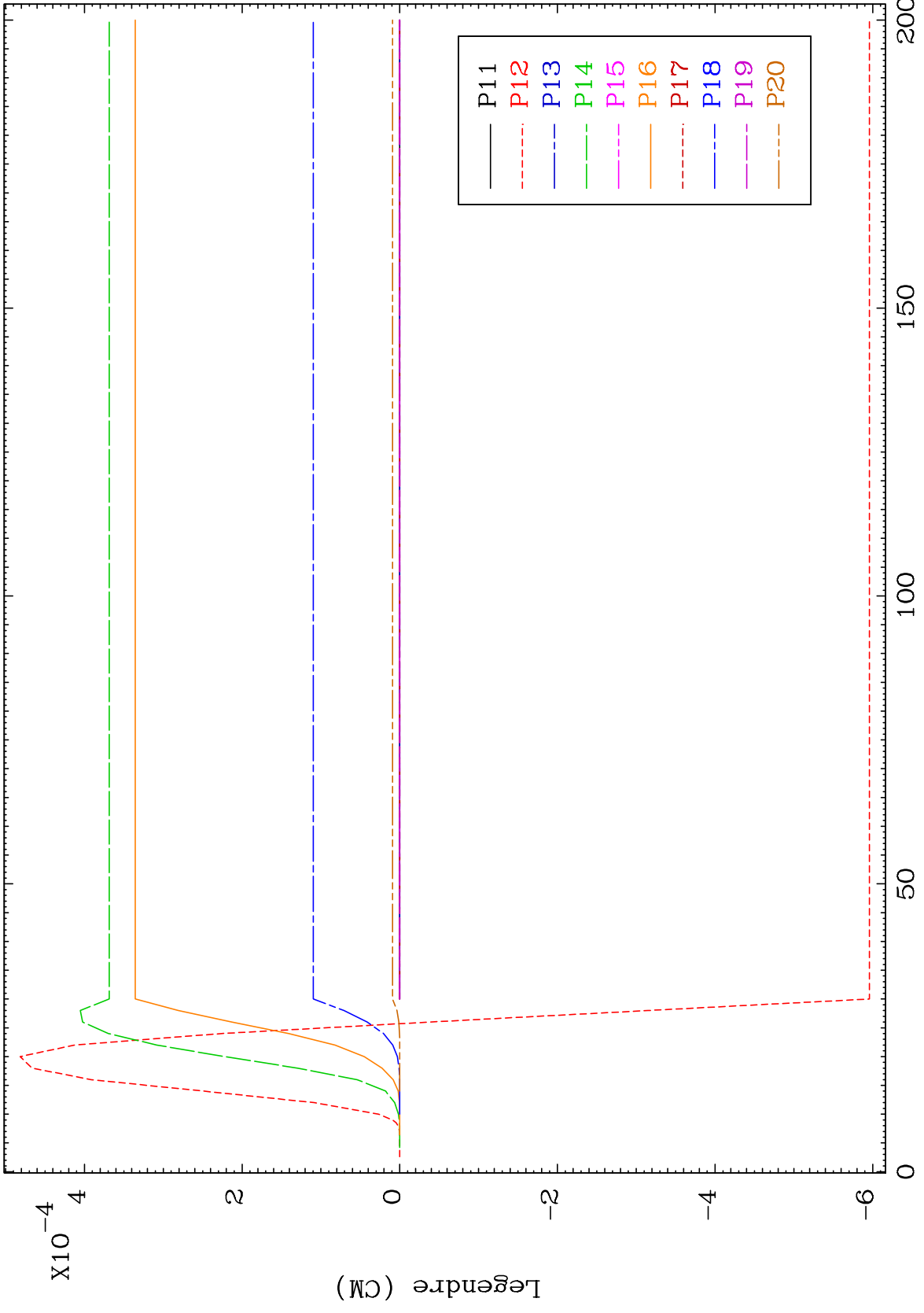
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



53

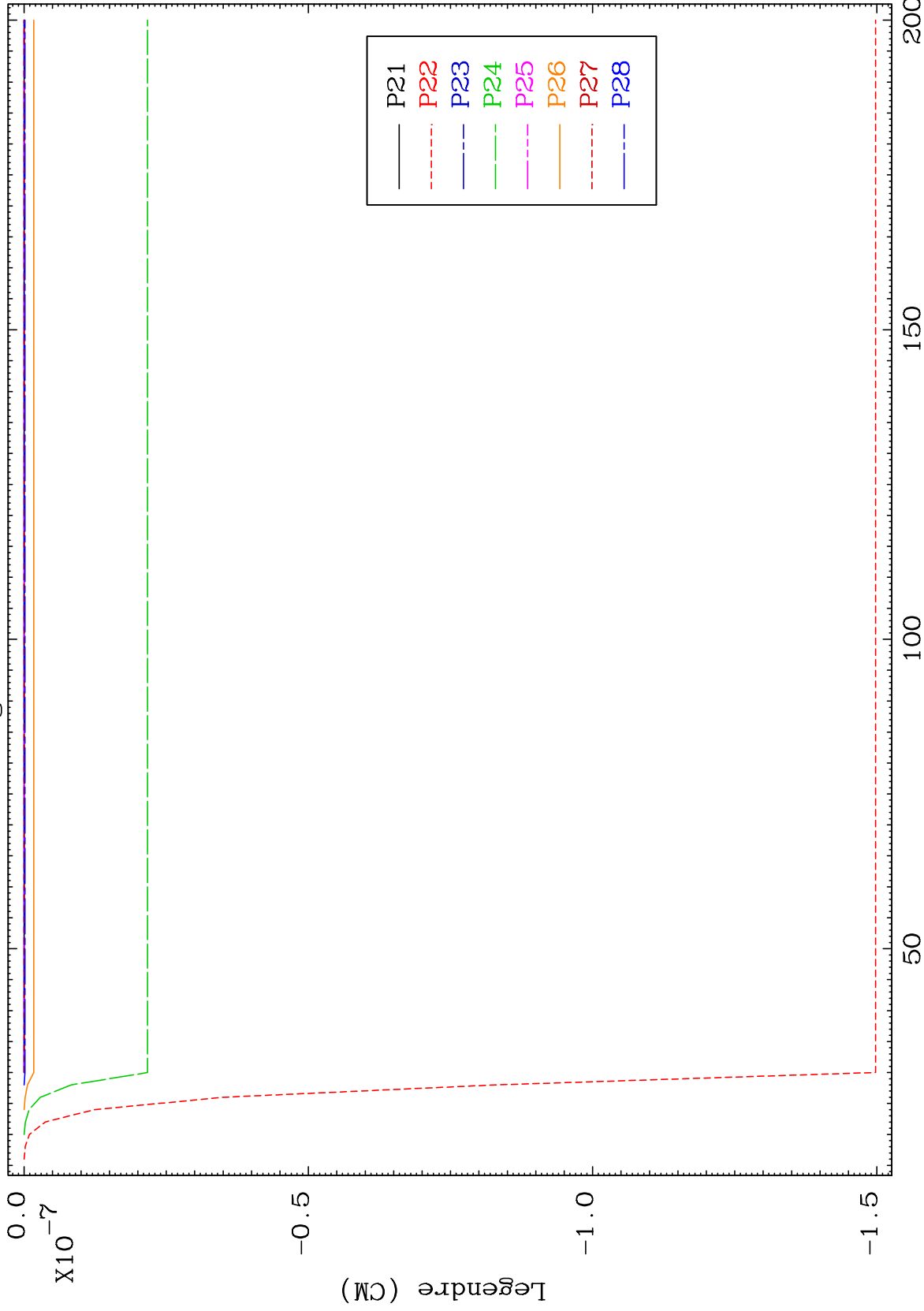
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



54

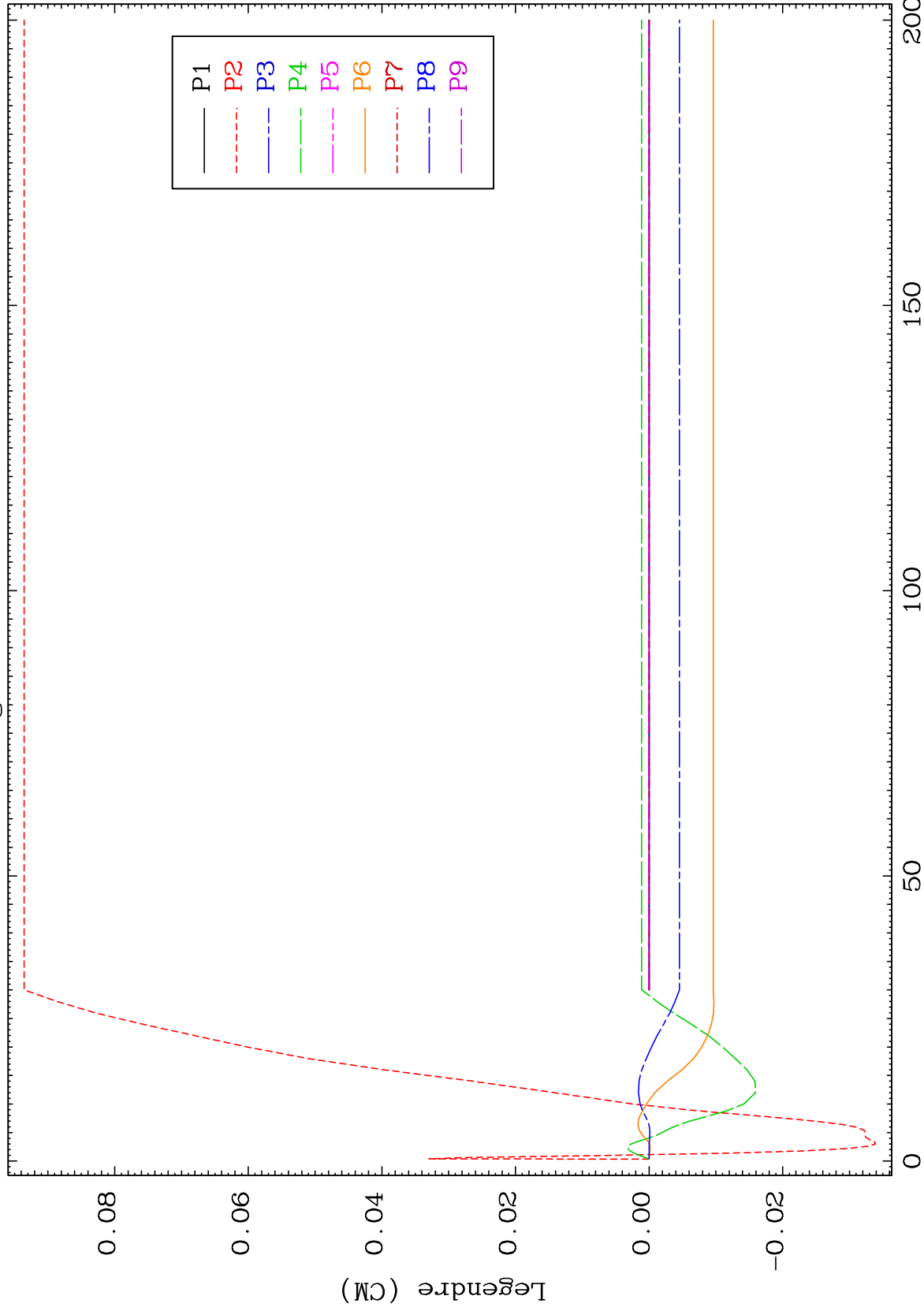
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

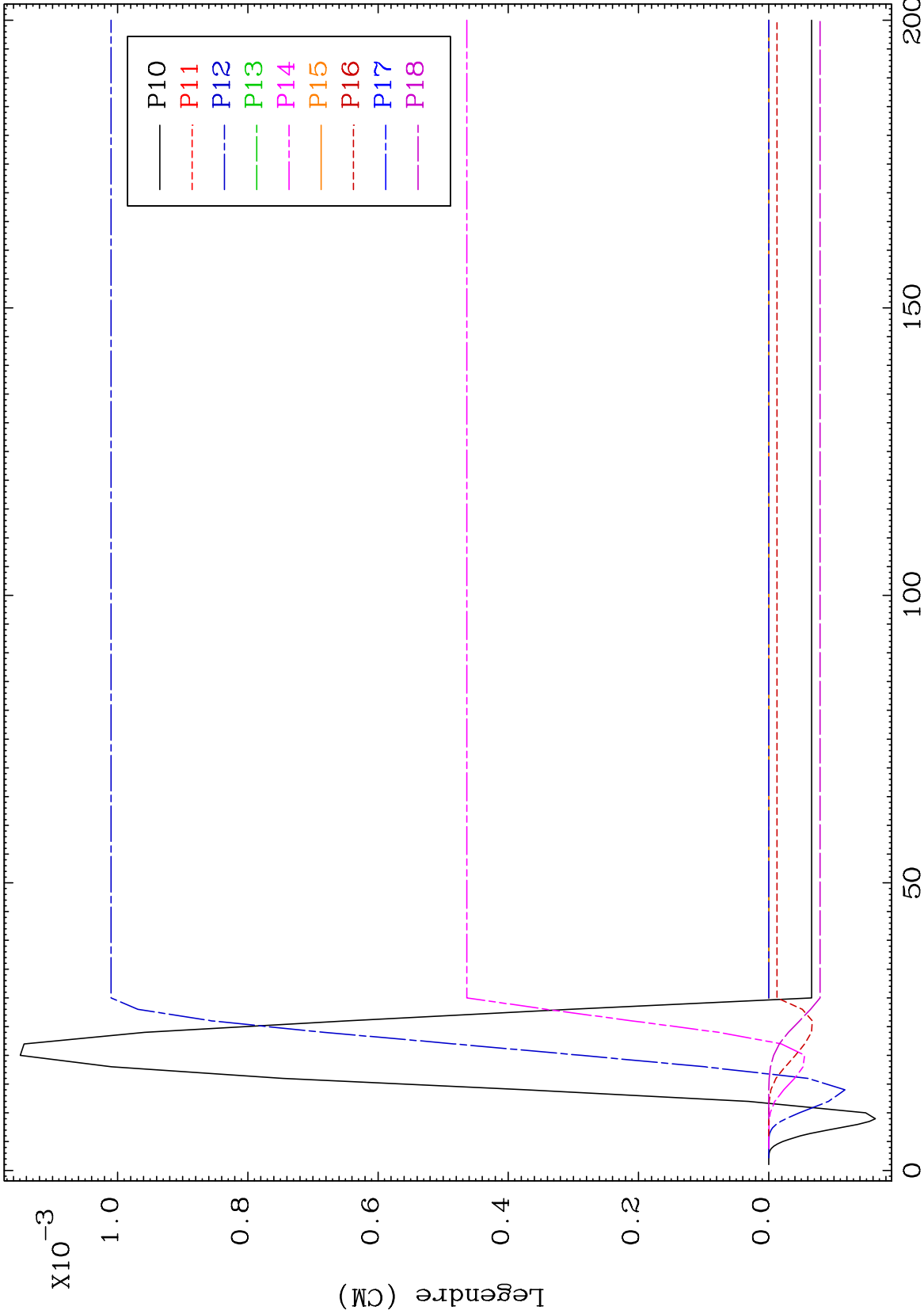
Incident Energy (MeV)

55

MAT 7834

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

78-Pt-193



56

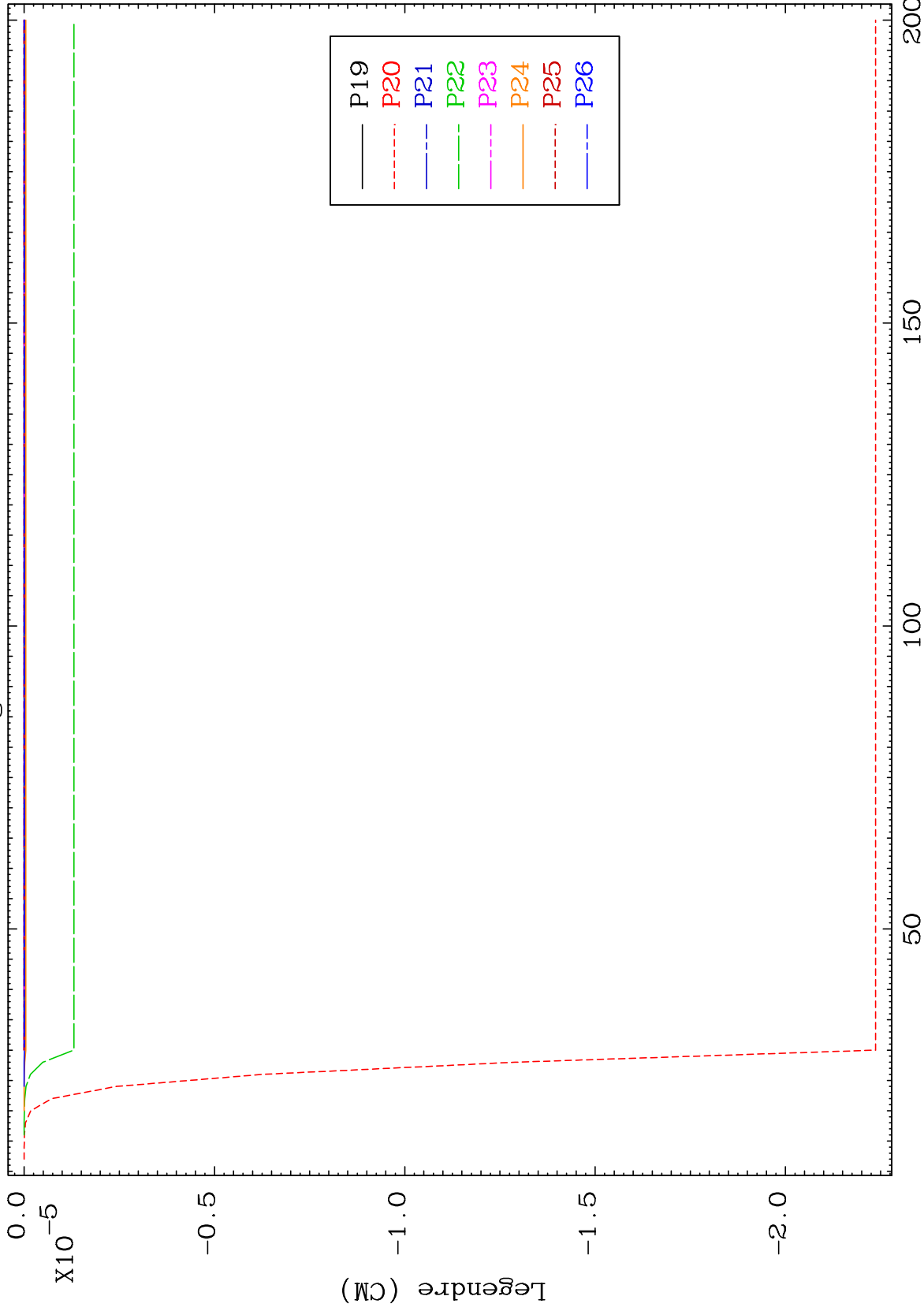
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



57

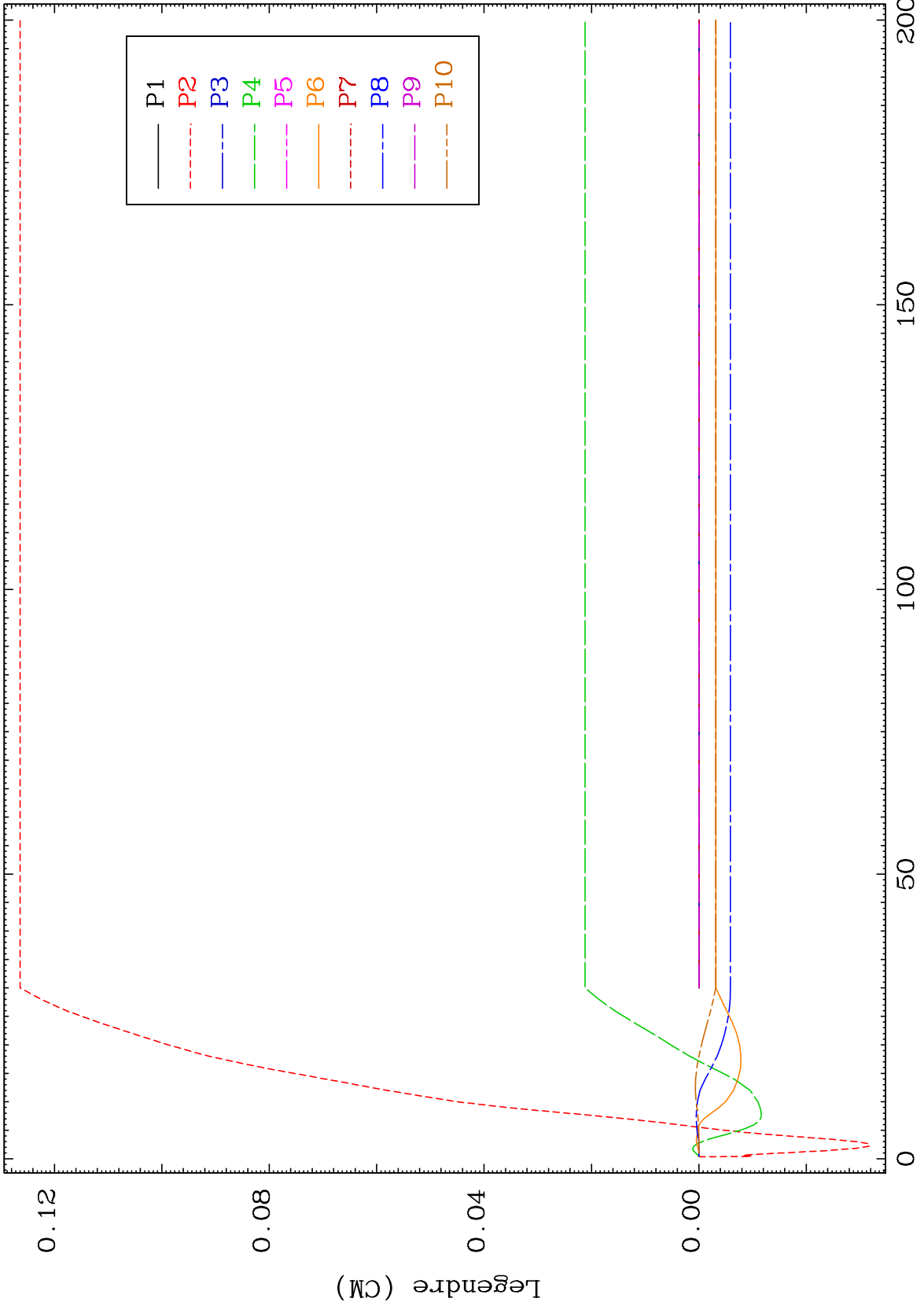
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



58

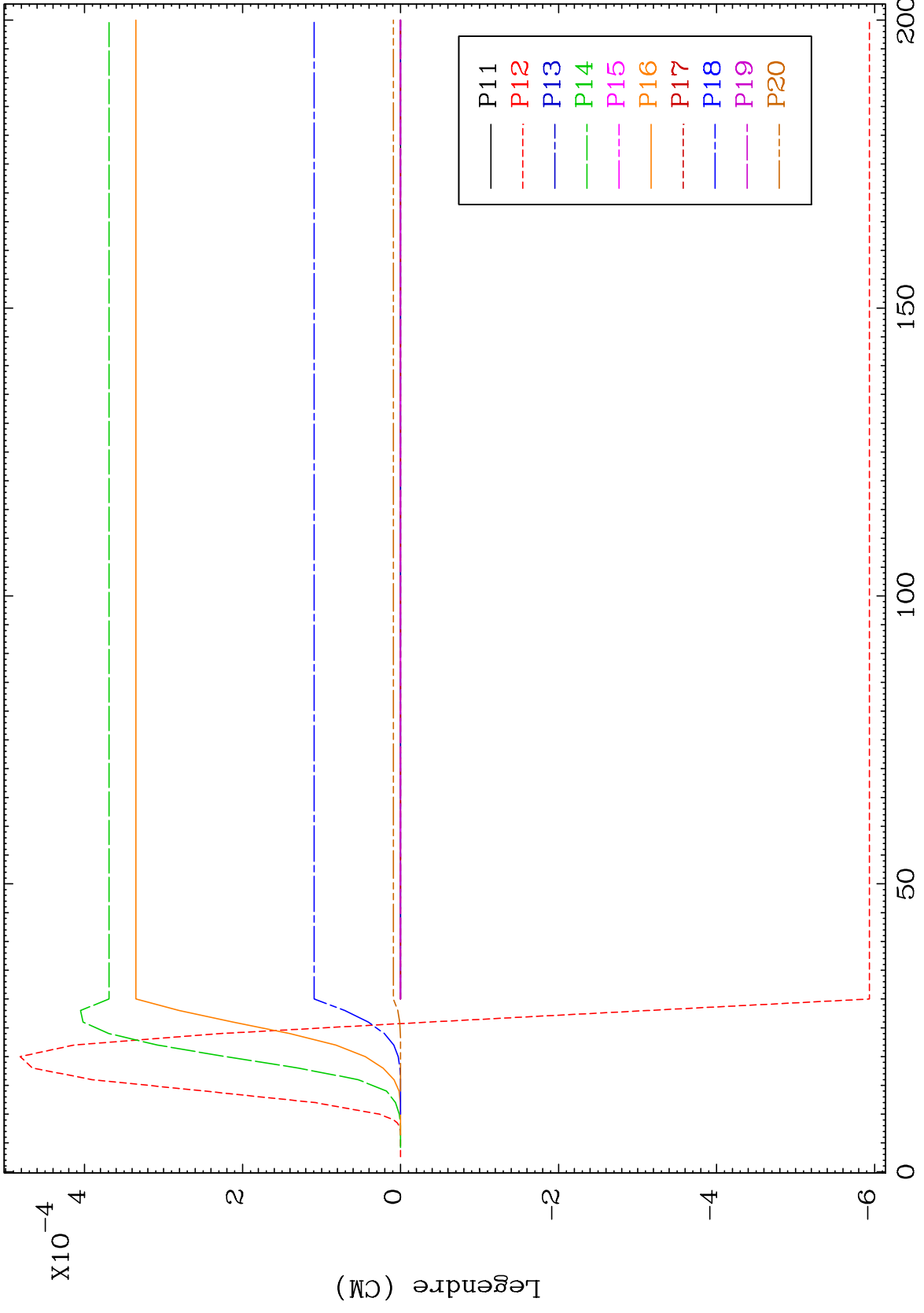
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



59

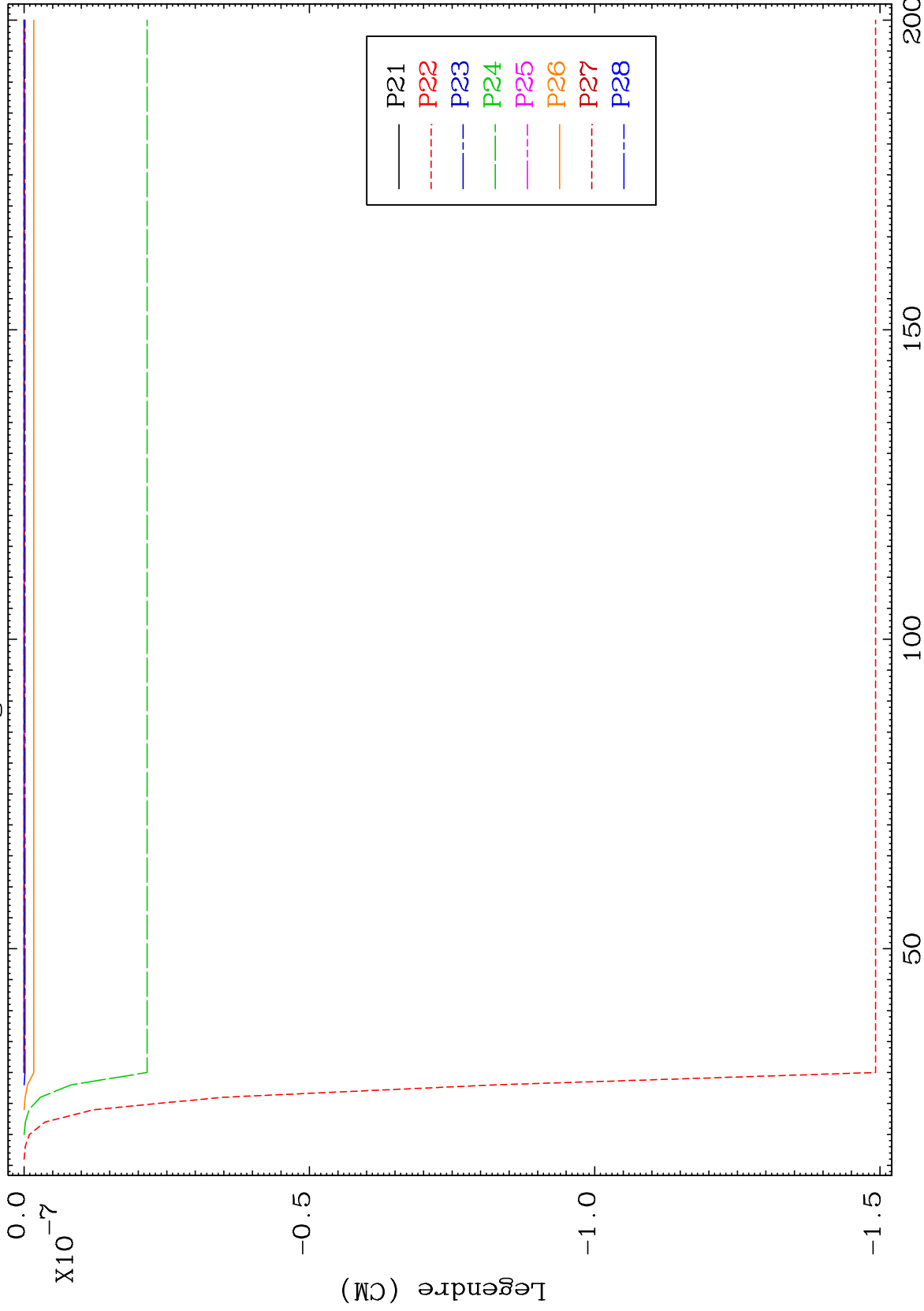
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



60

Incident Energy (MeV)

50

100

150

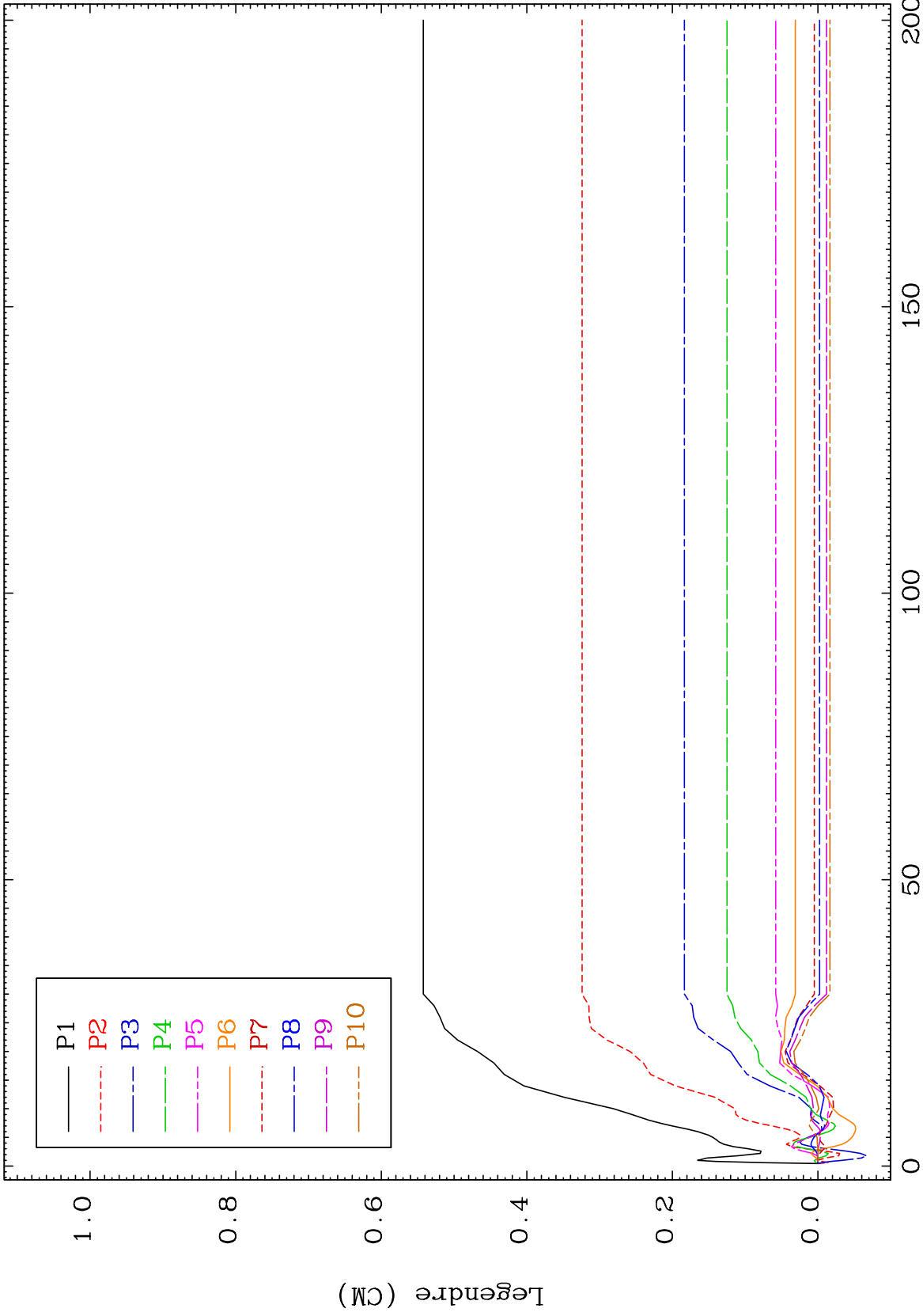
200

78-Pt-193

MAT 7834

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

78-Pt-193



61

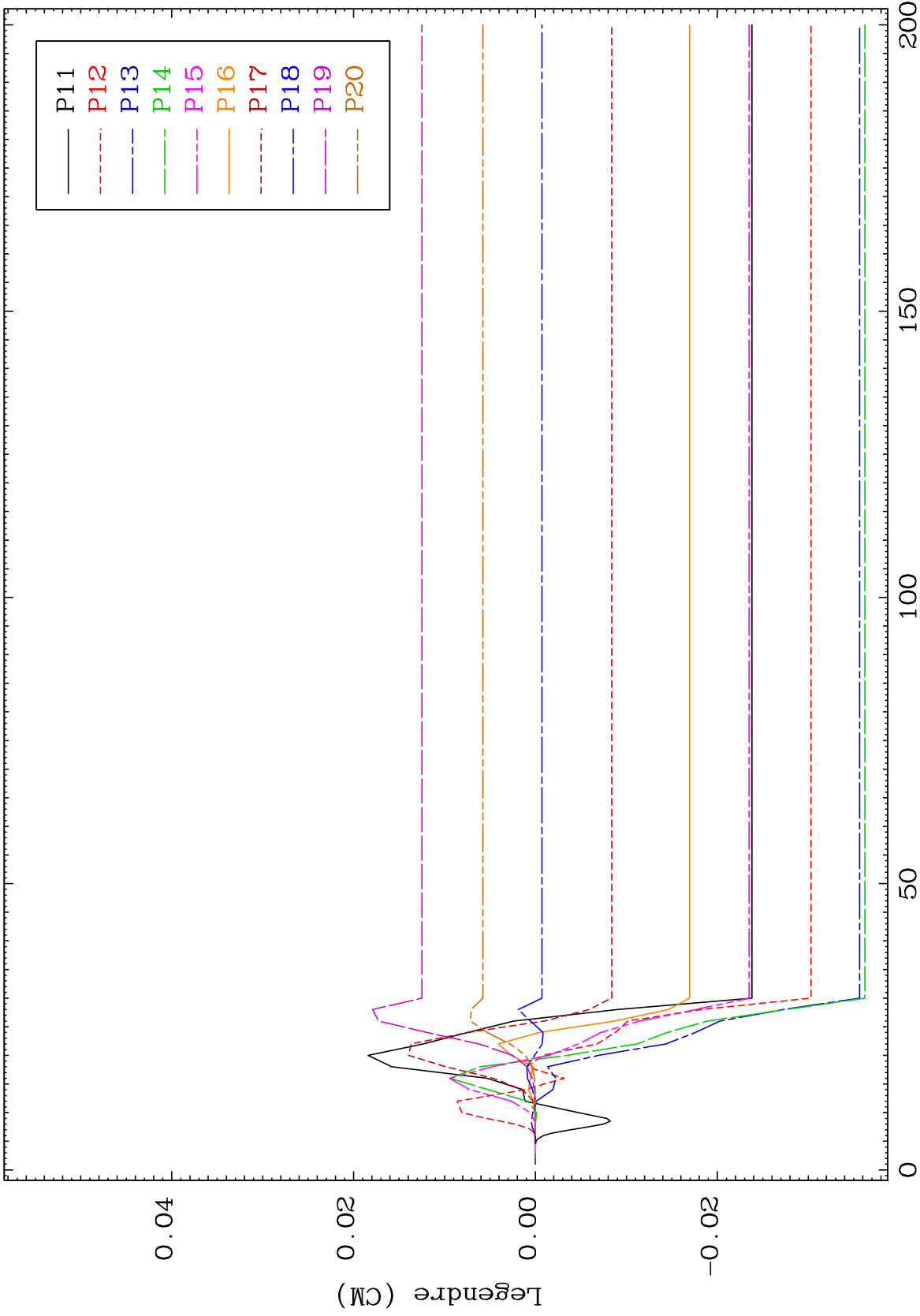
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



62

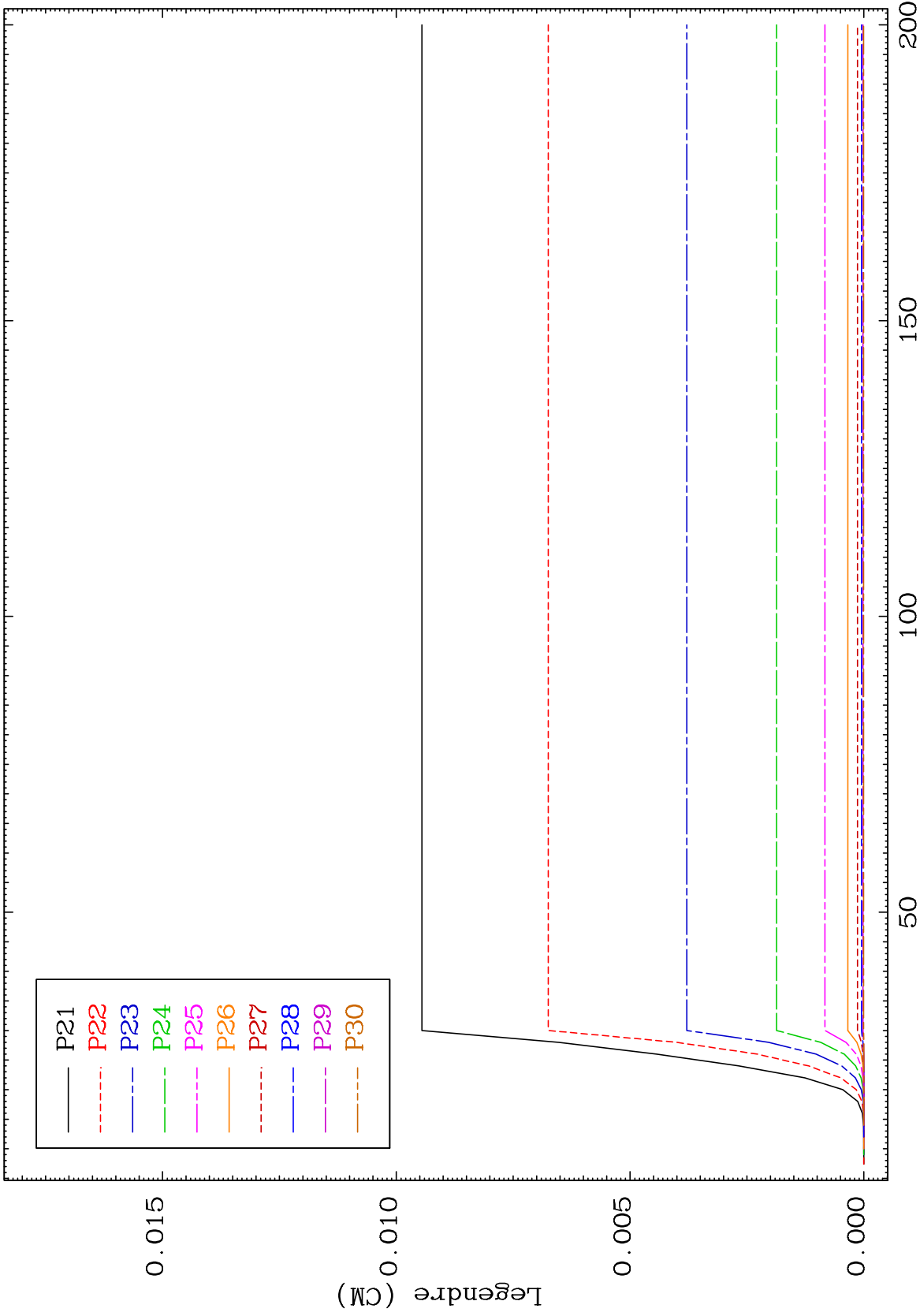
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



63

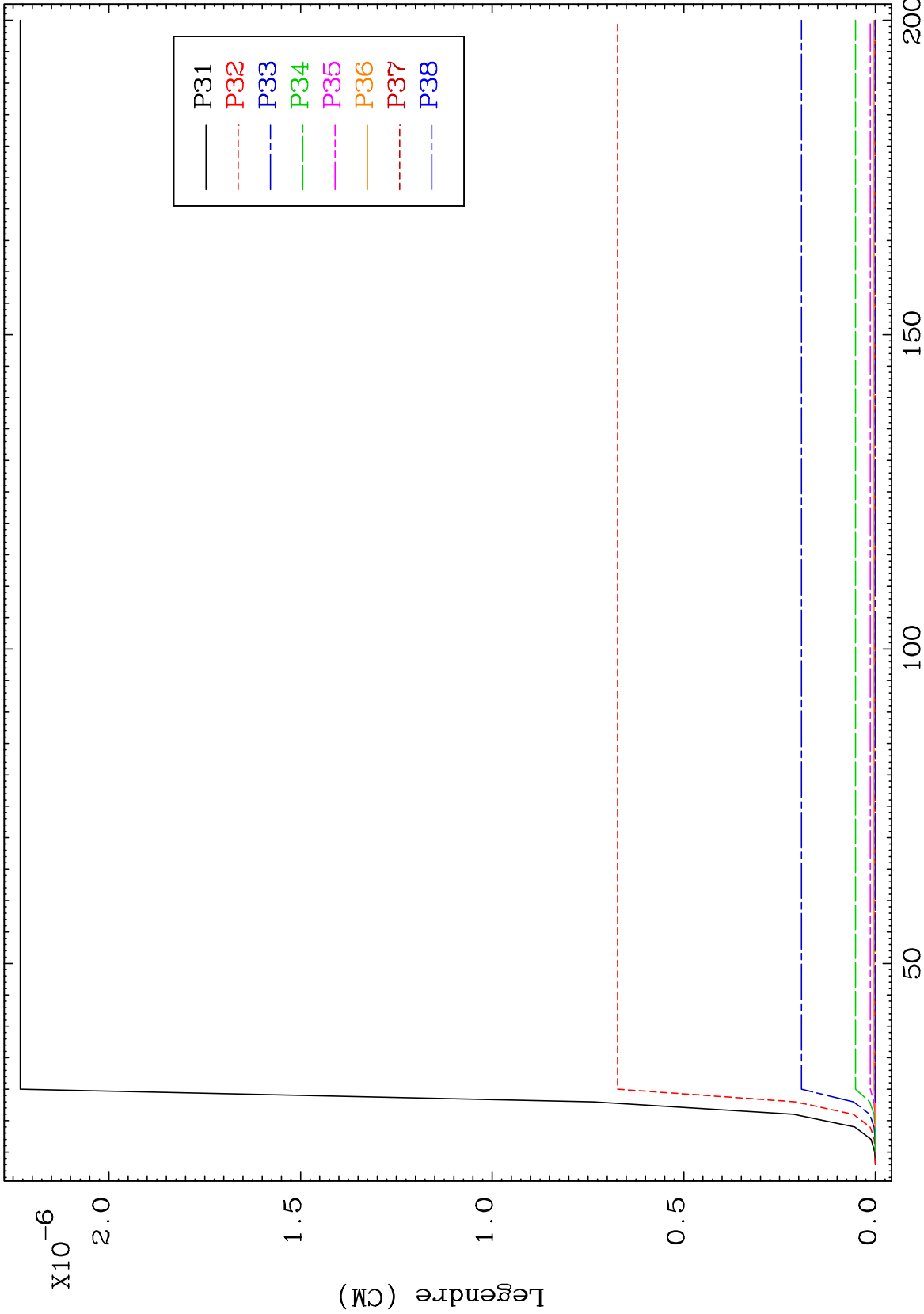
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



64

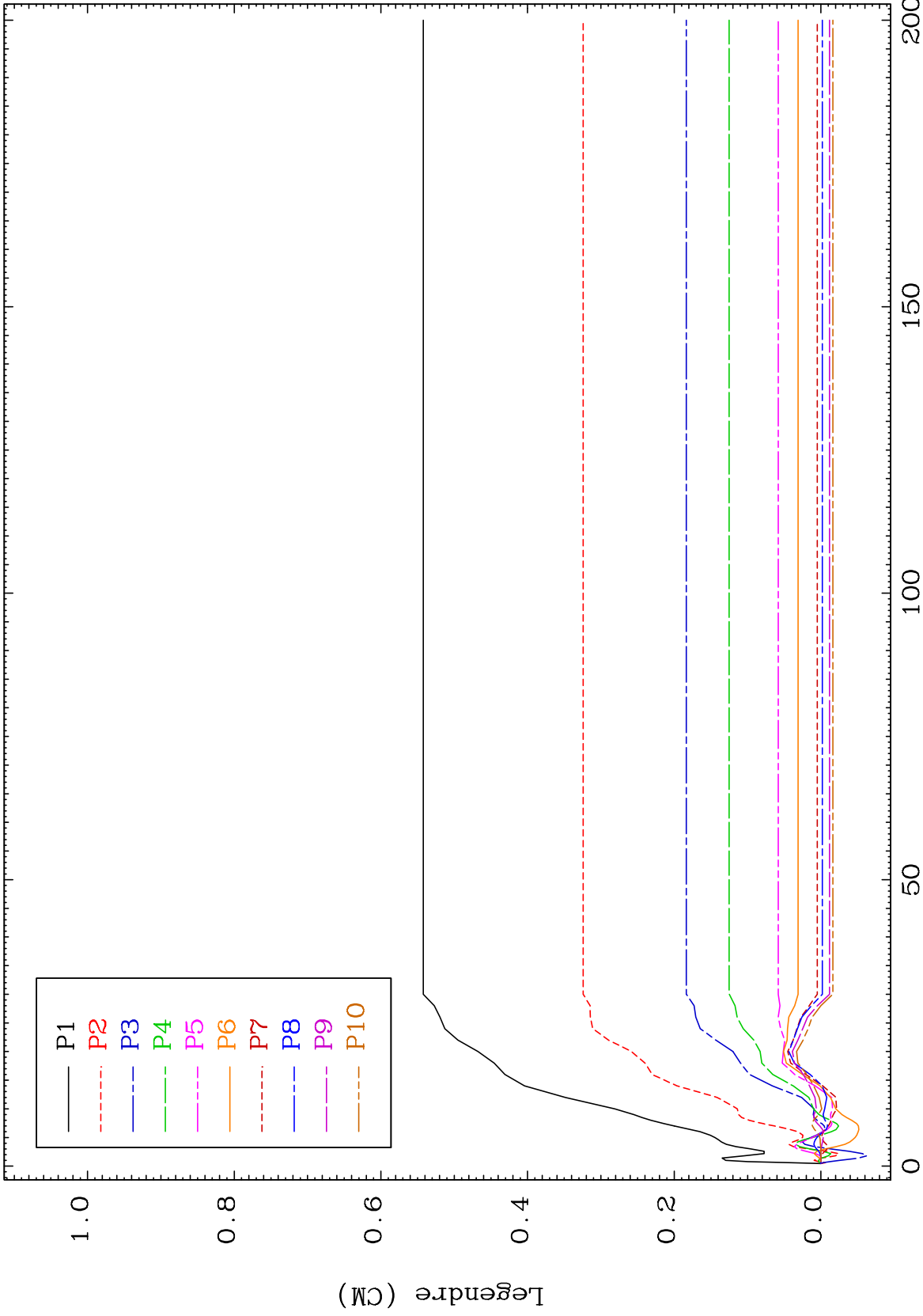
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



65

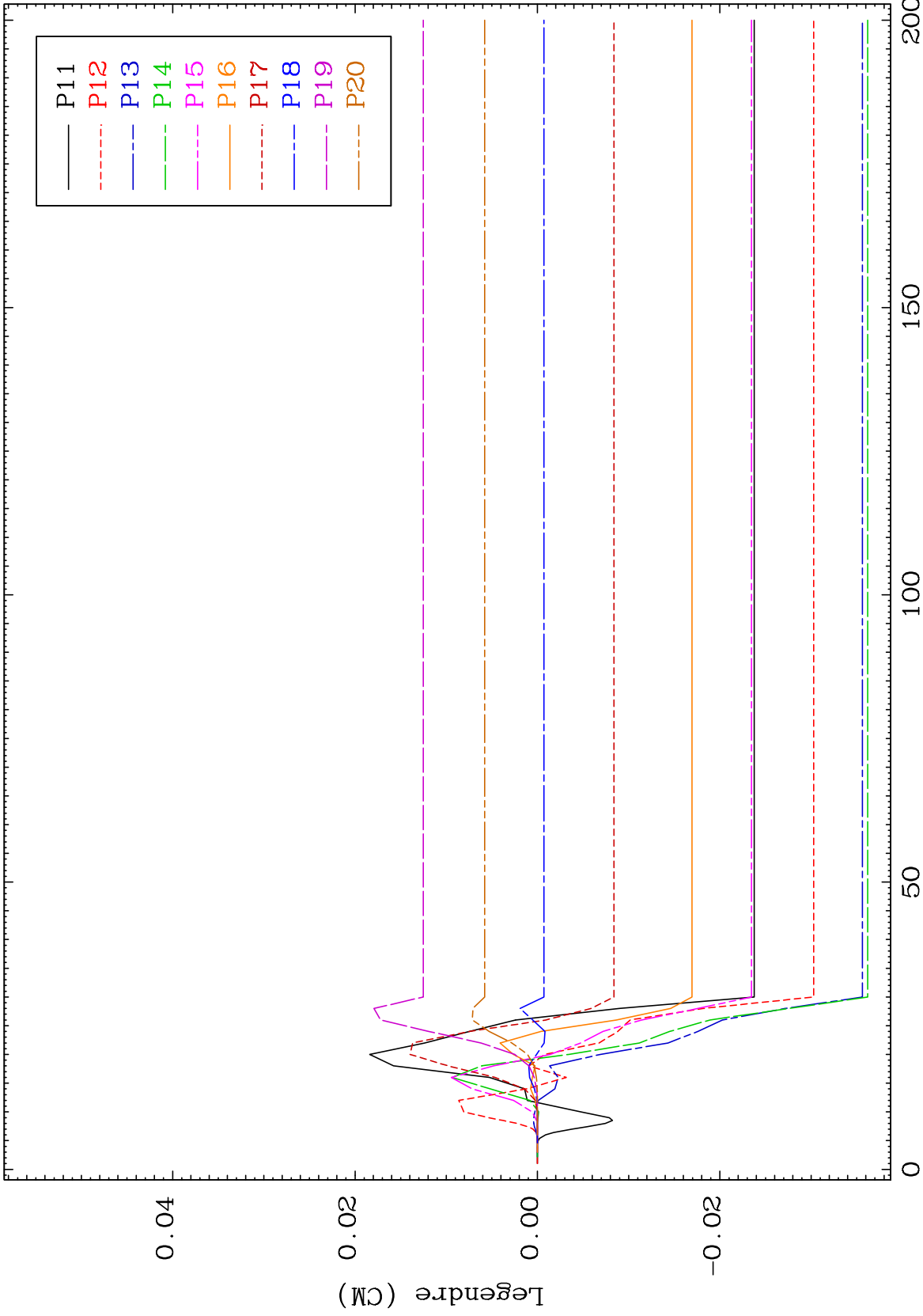
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



66

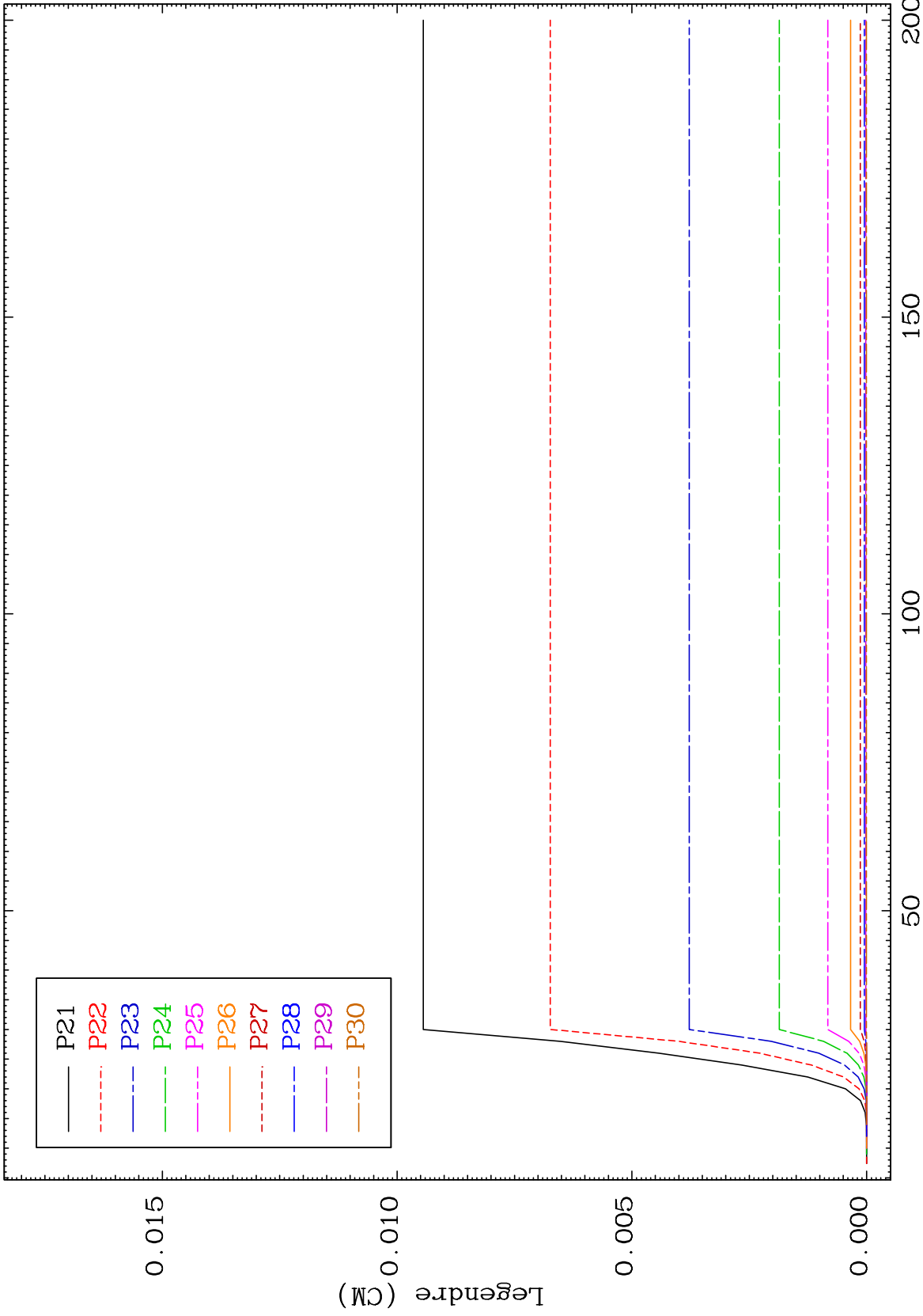
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



67

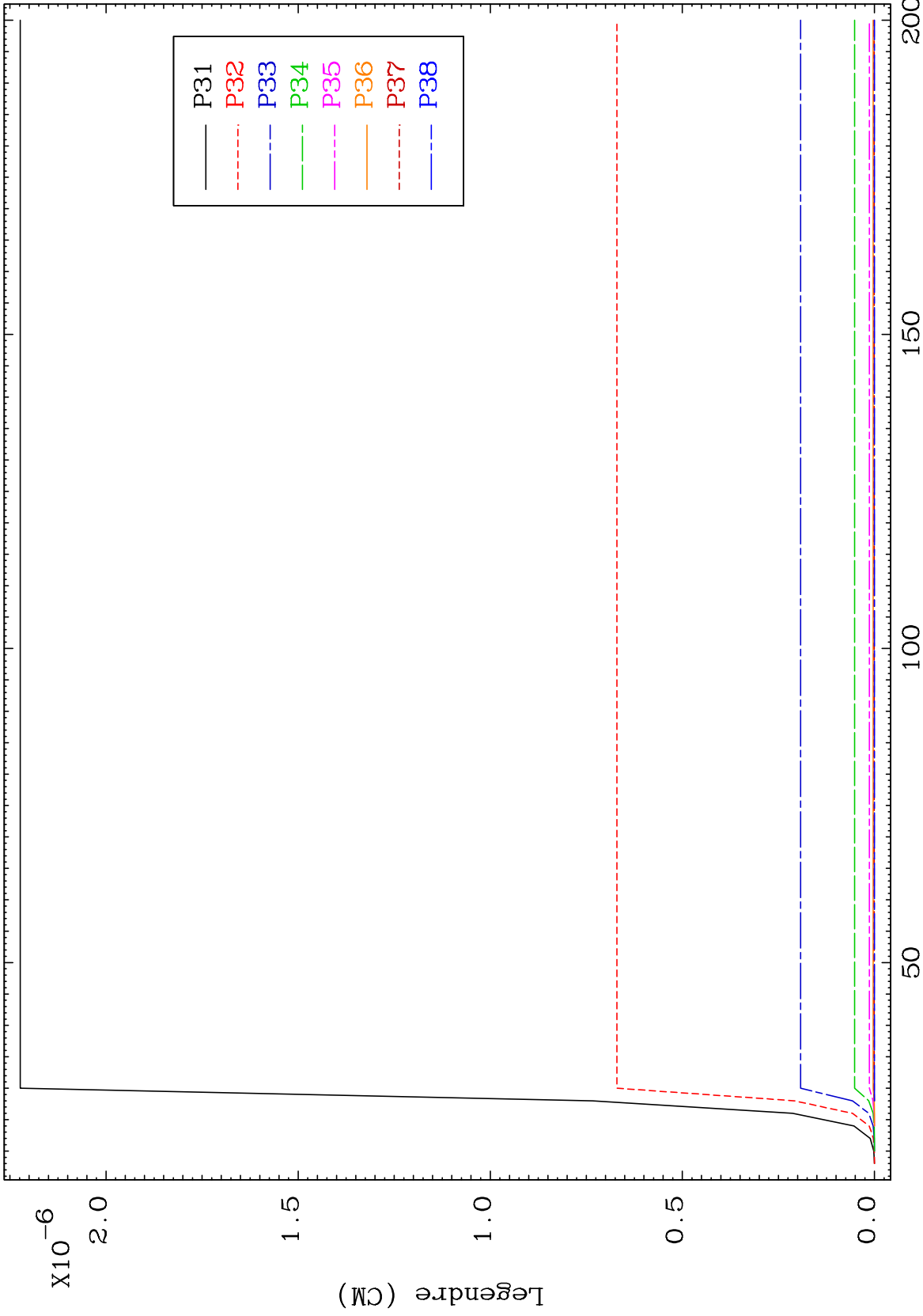
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



68

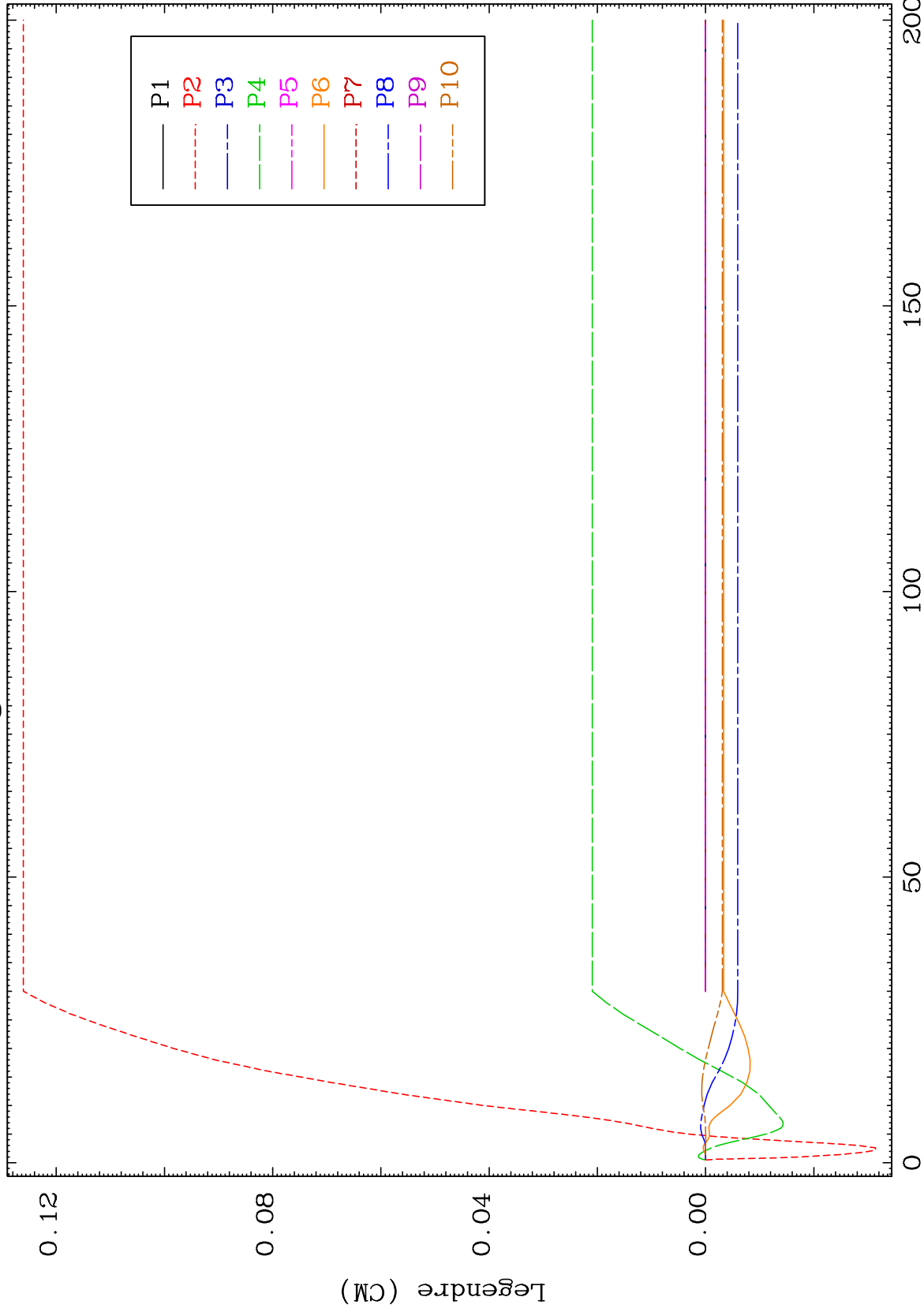
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



69

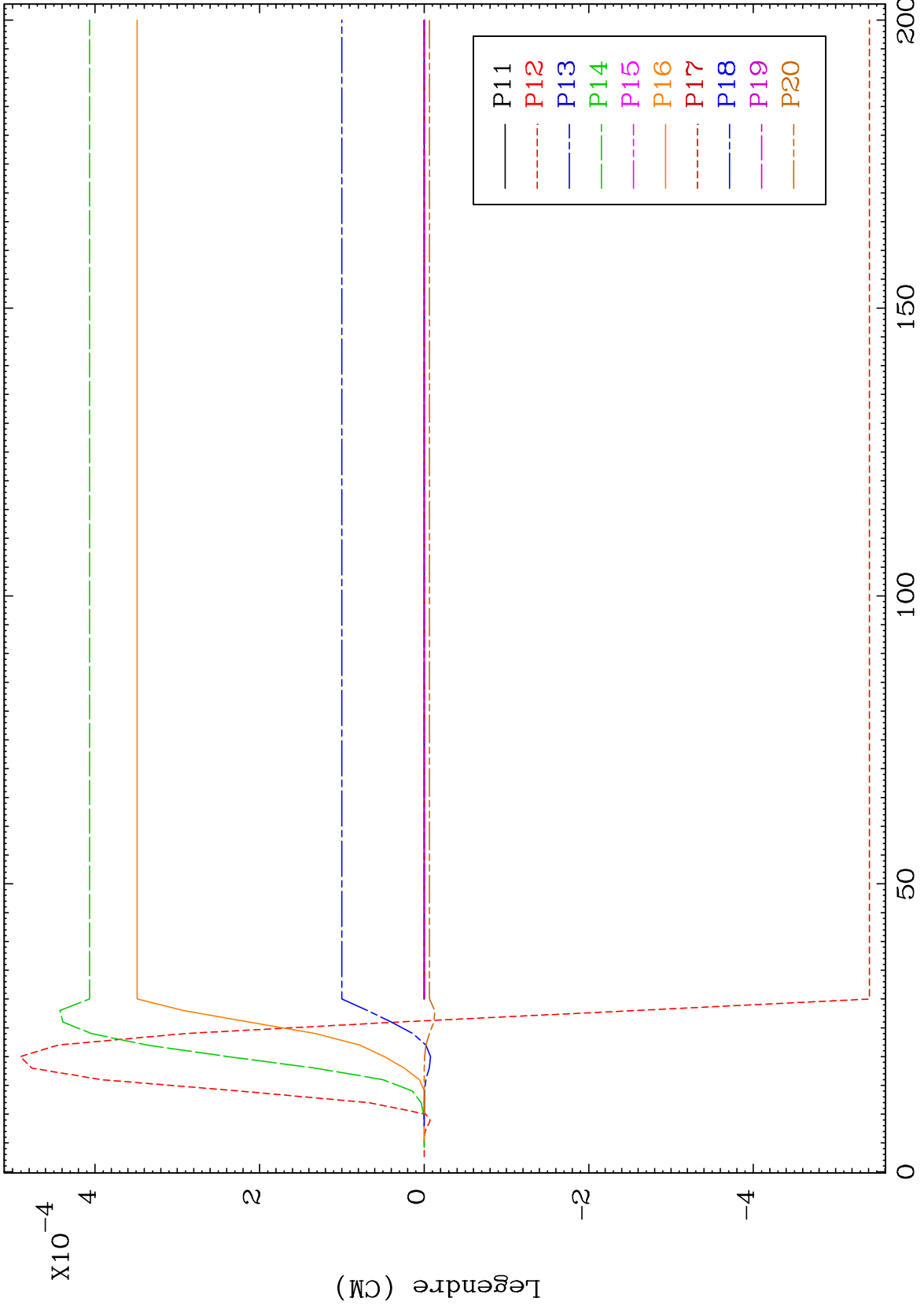
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



70

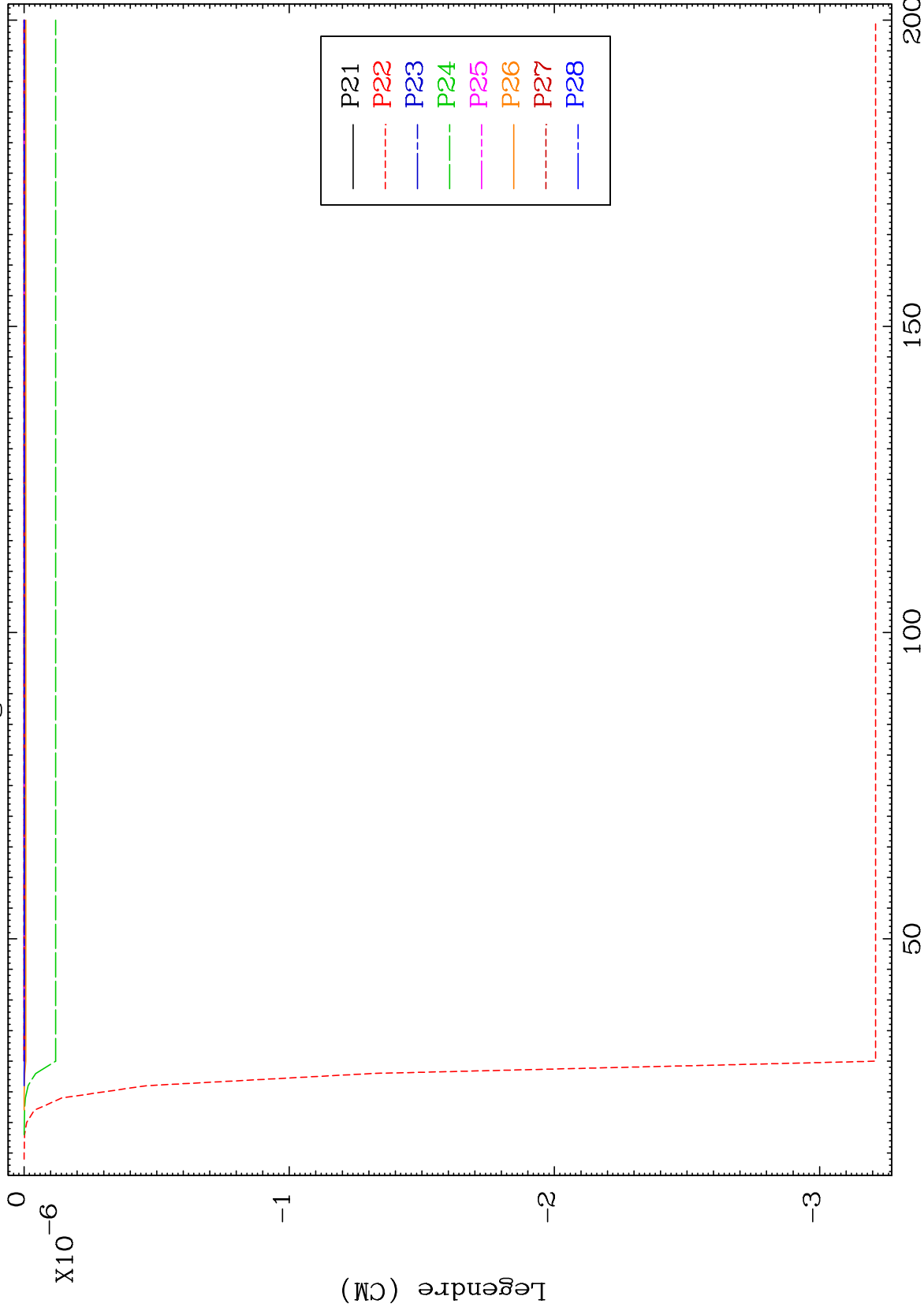
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



71

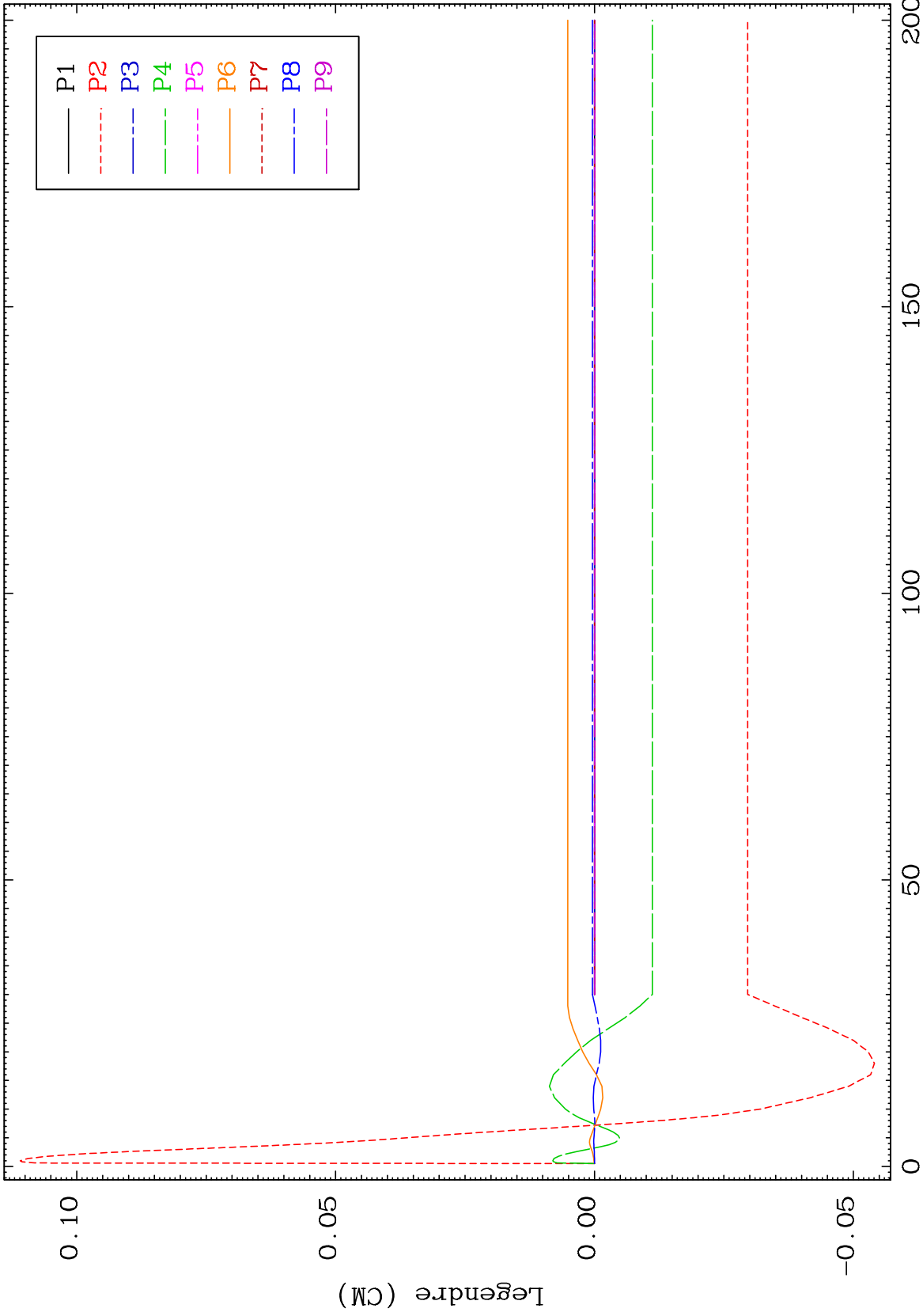
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



72

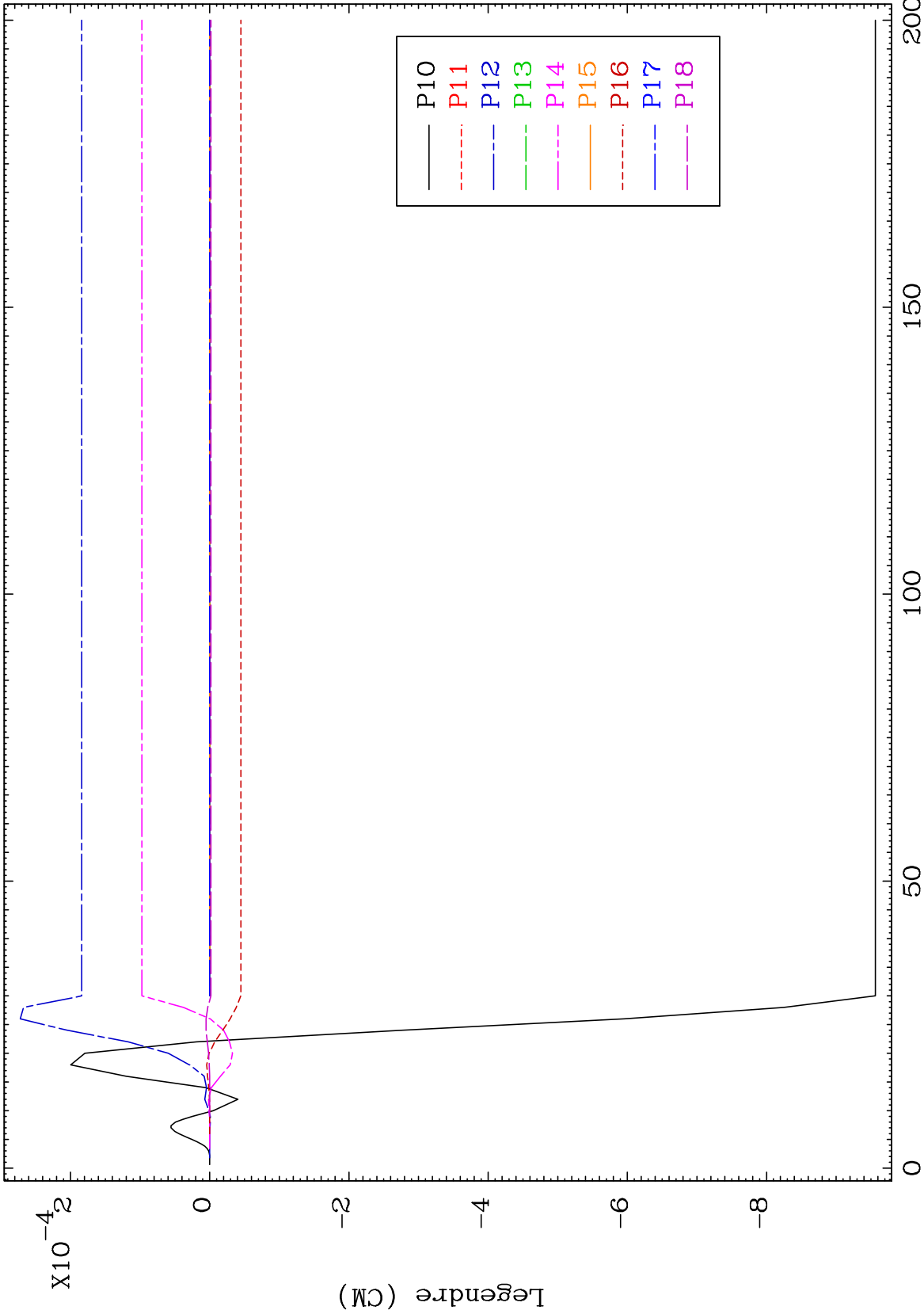
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



73

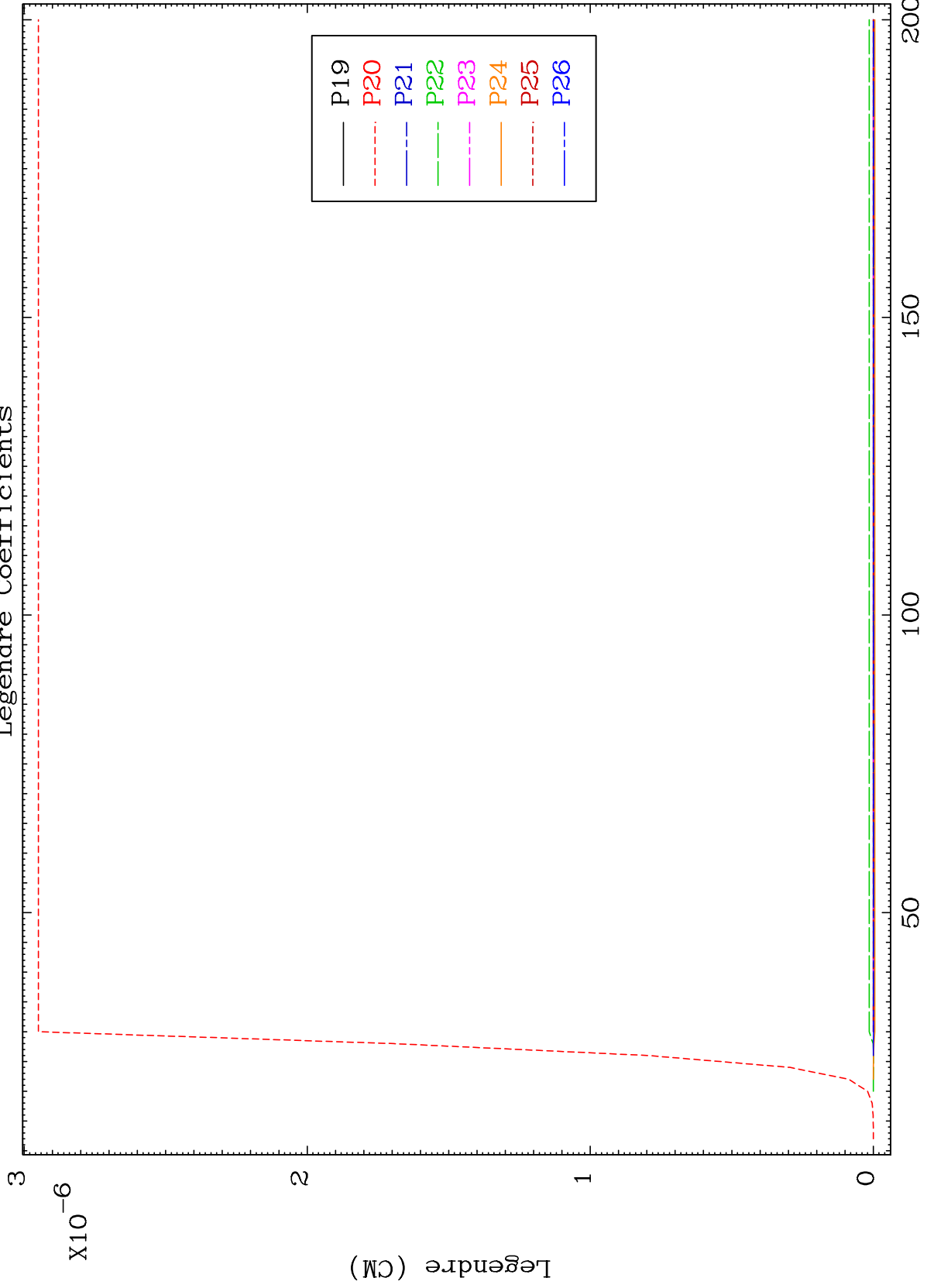
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

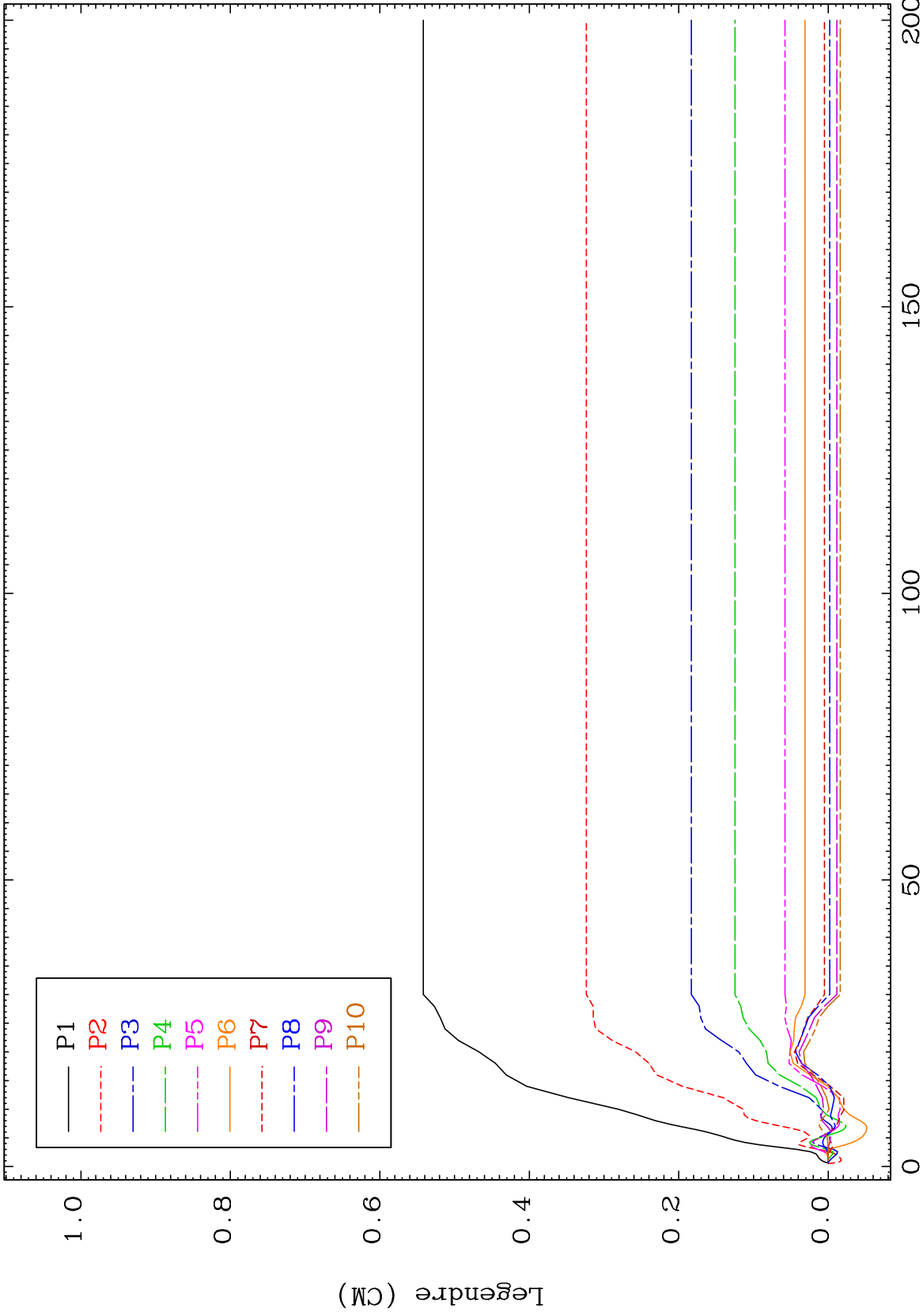
Incident Energy (MeV)

74

MAT 7834

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

78-Pt-193



75

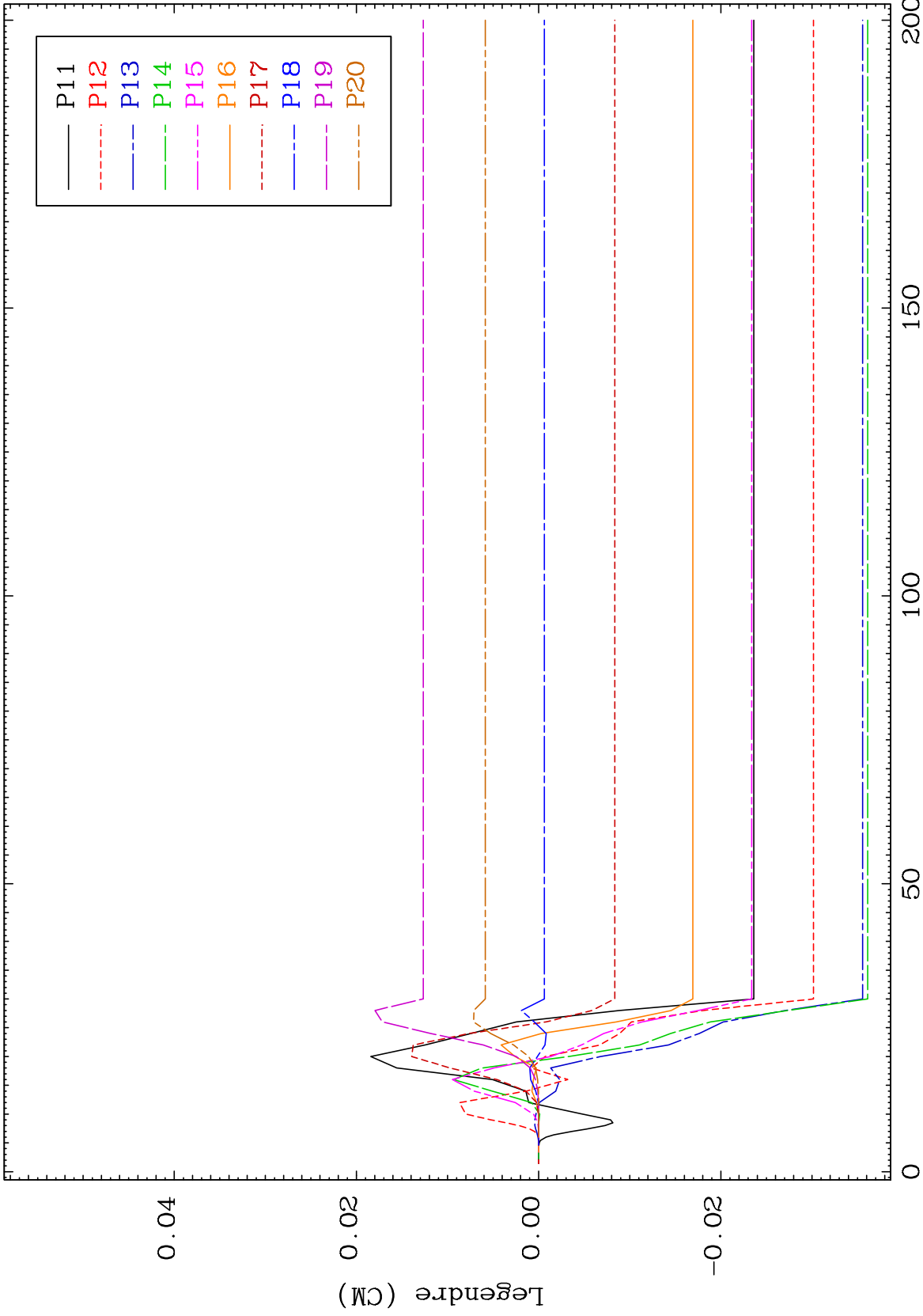
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



76

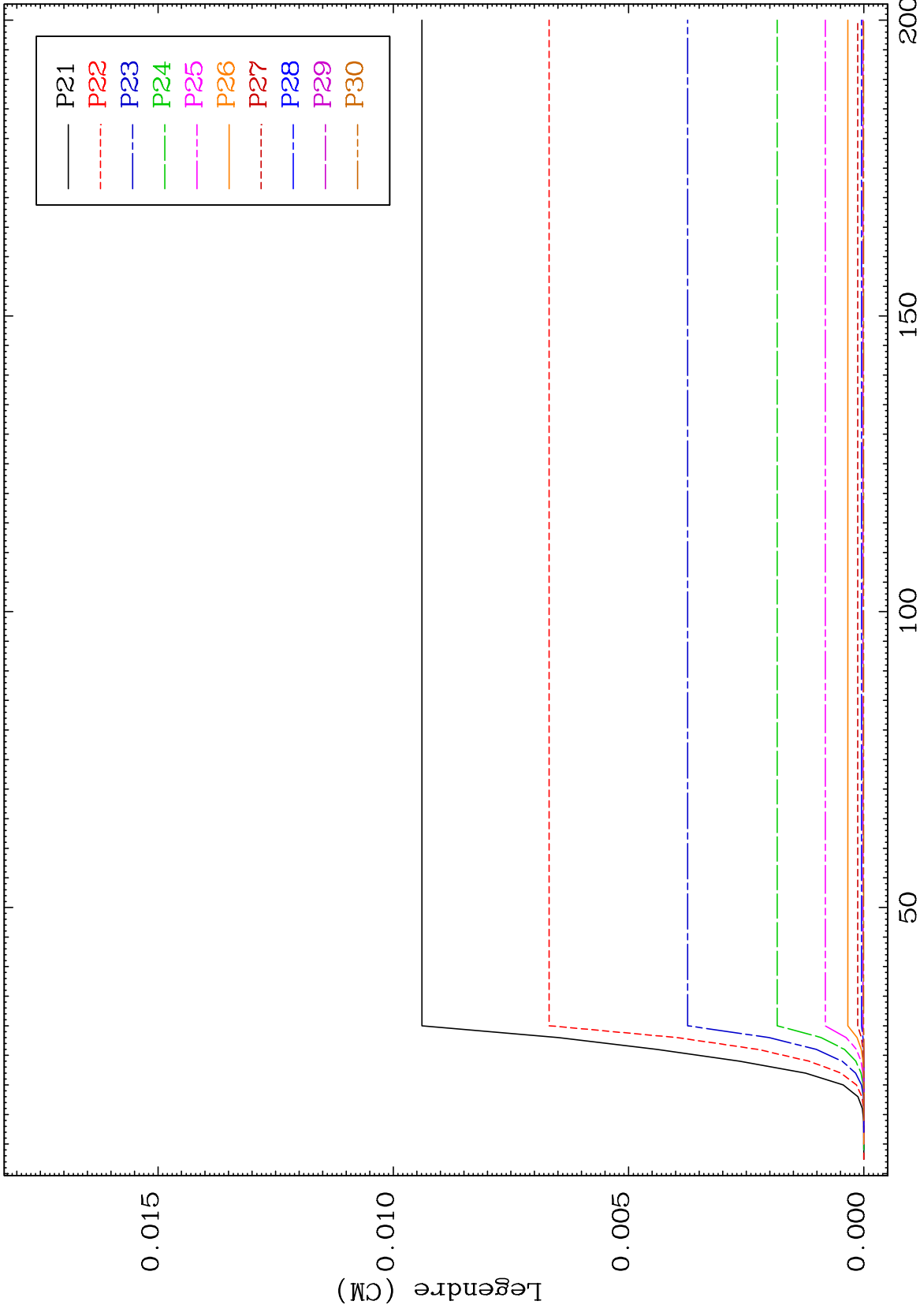
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



77

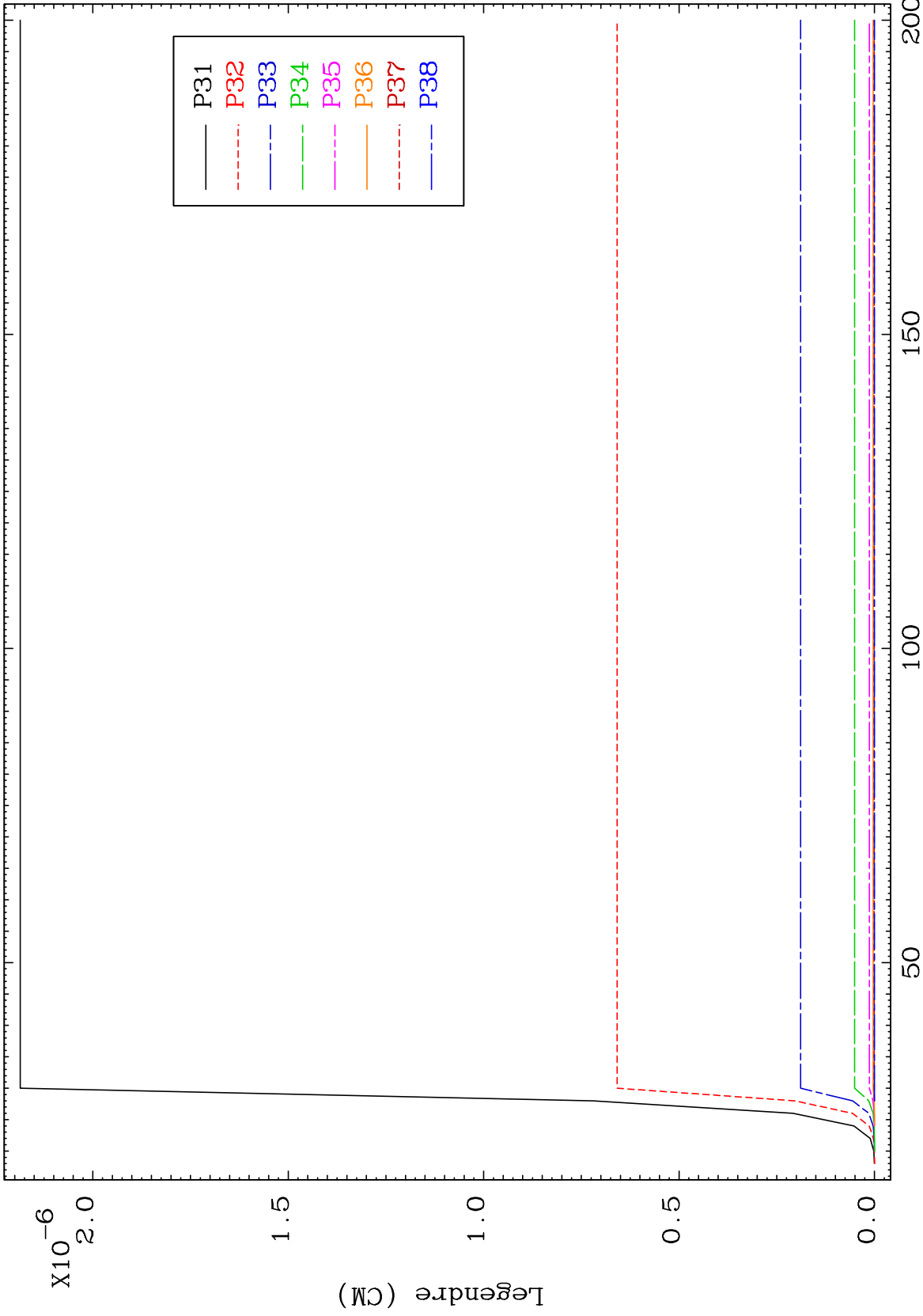
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78

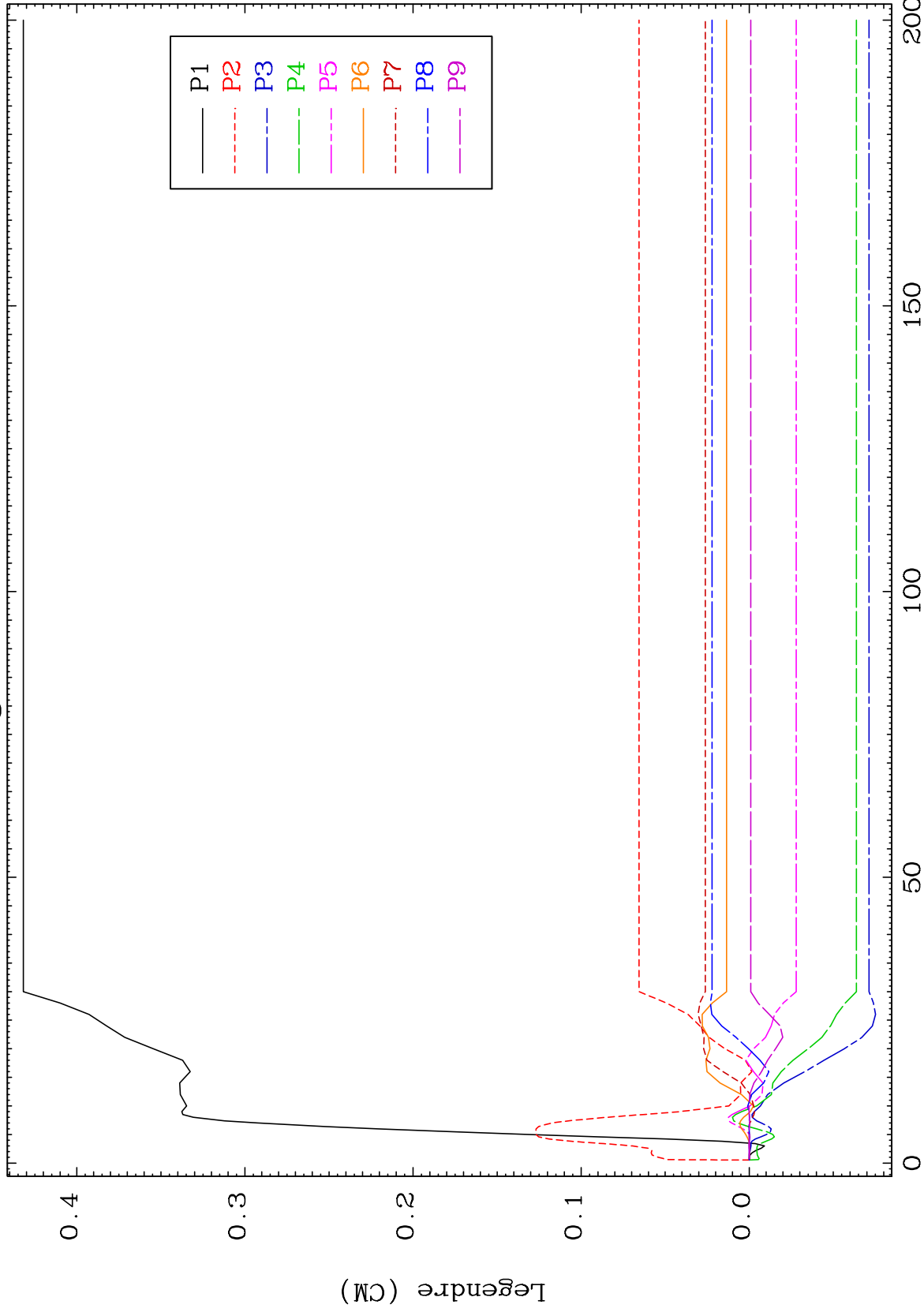
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



79

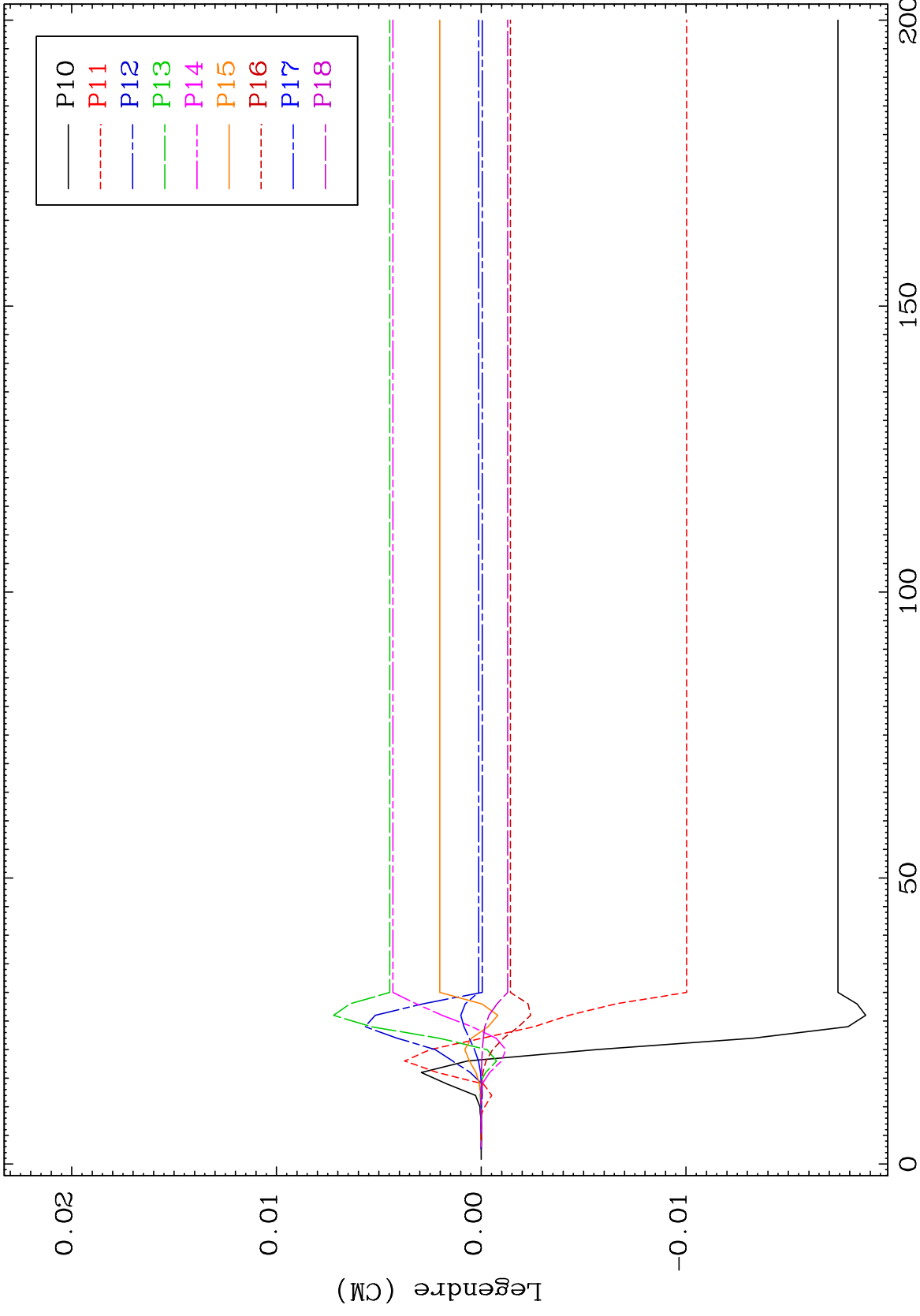
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



80

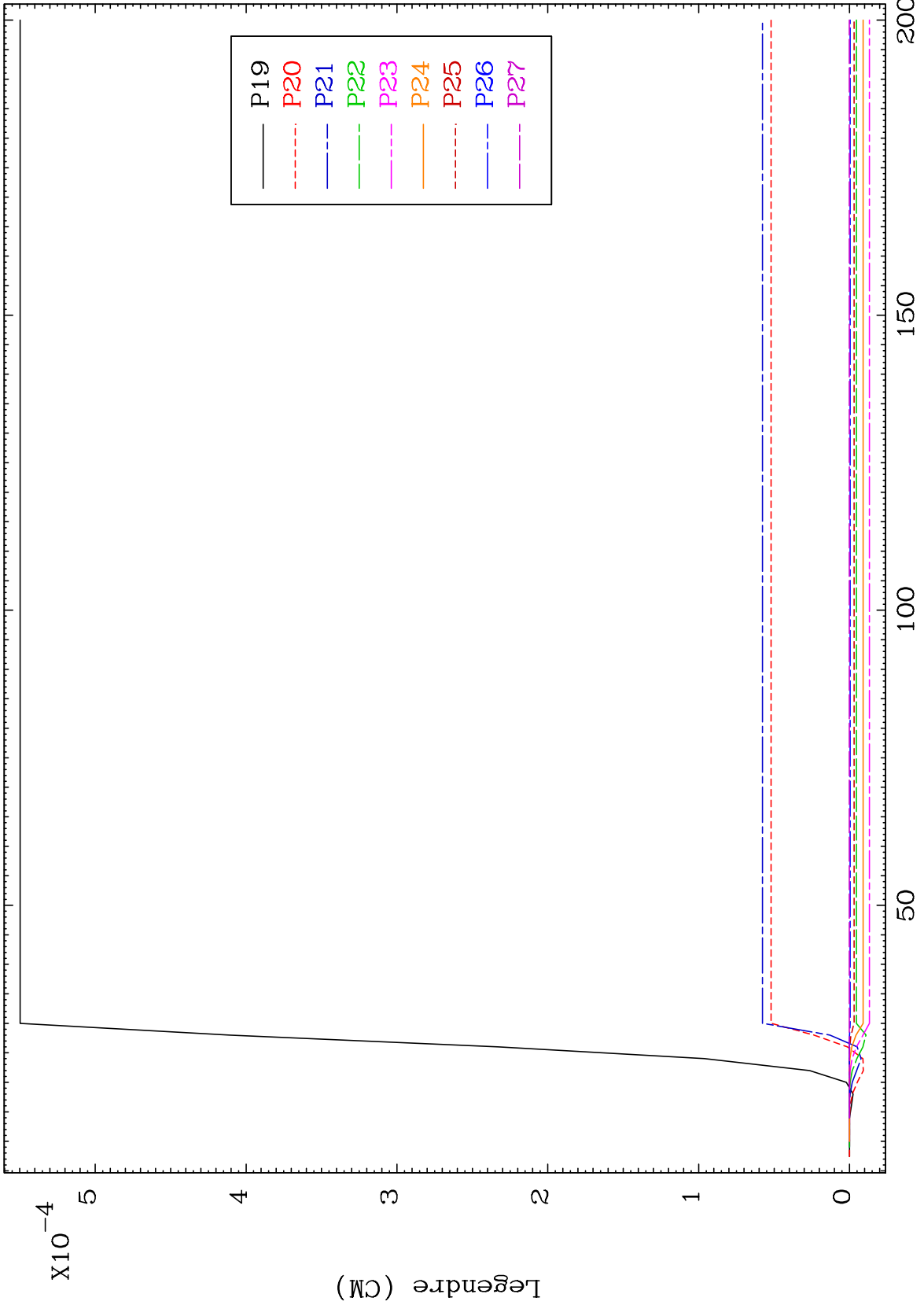
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



81

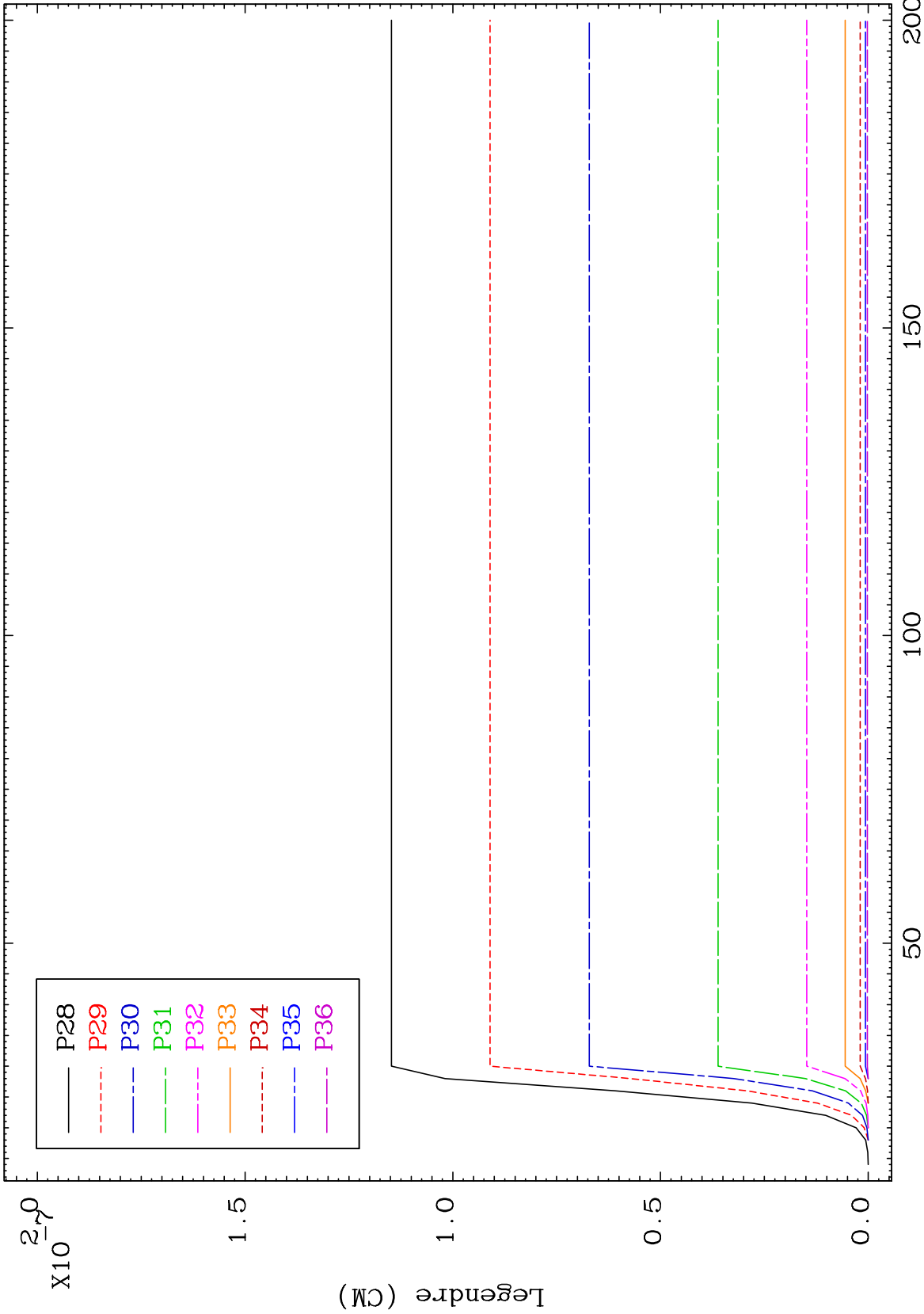
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



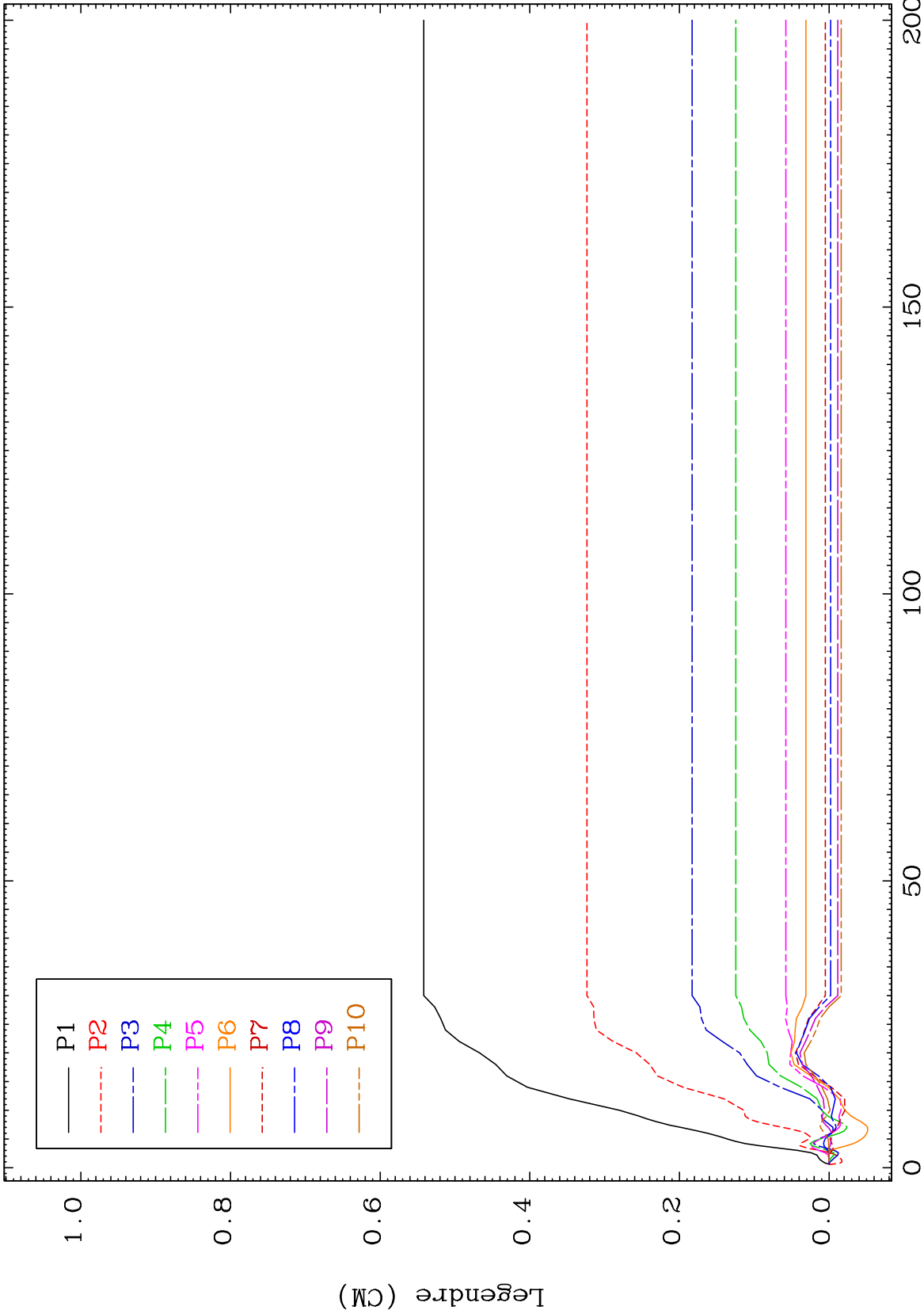
82

78-Pt-193

MAT 7834

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

78-Pt-193



83

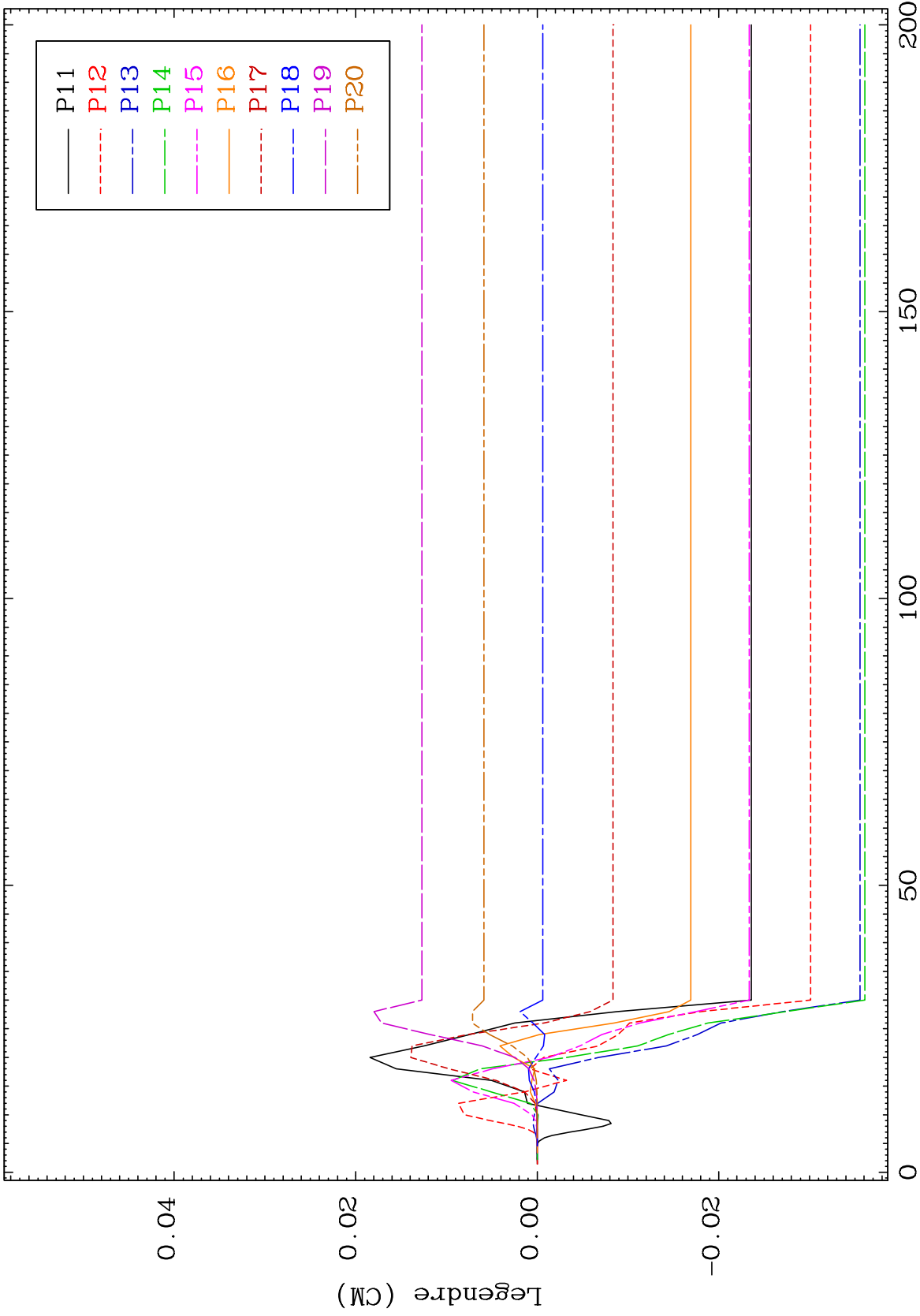
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



84

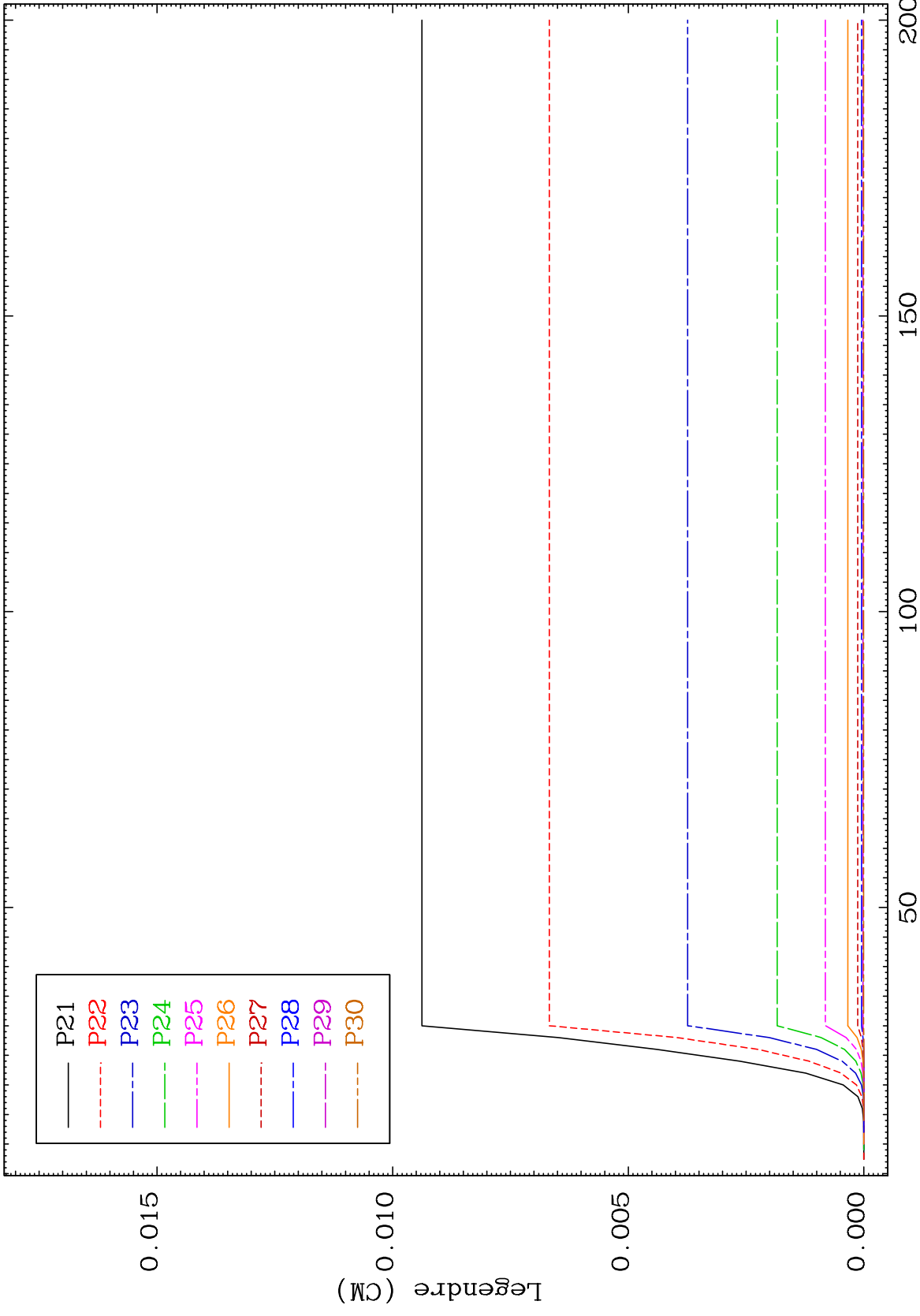
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



85

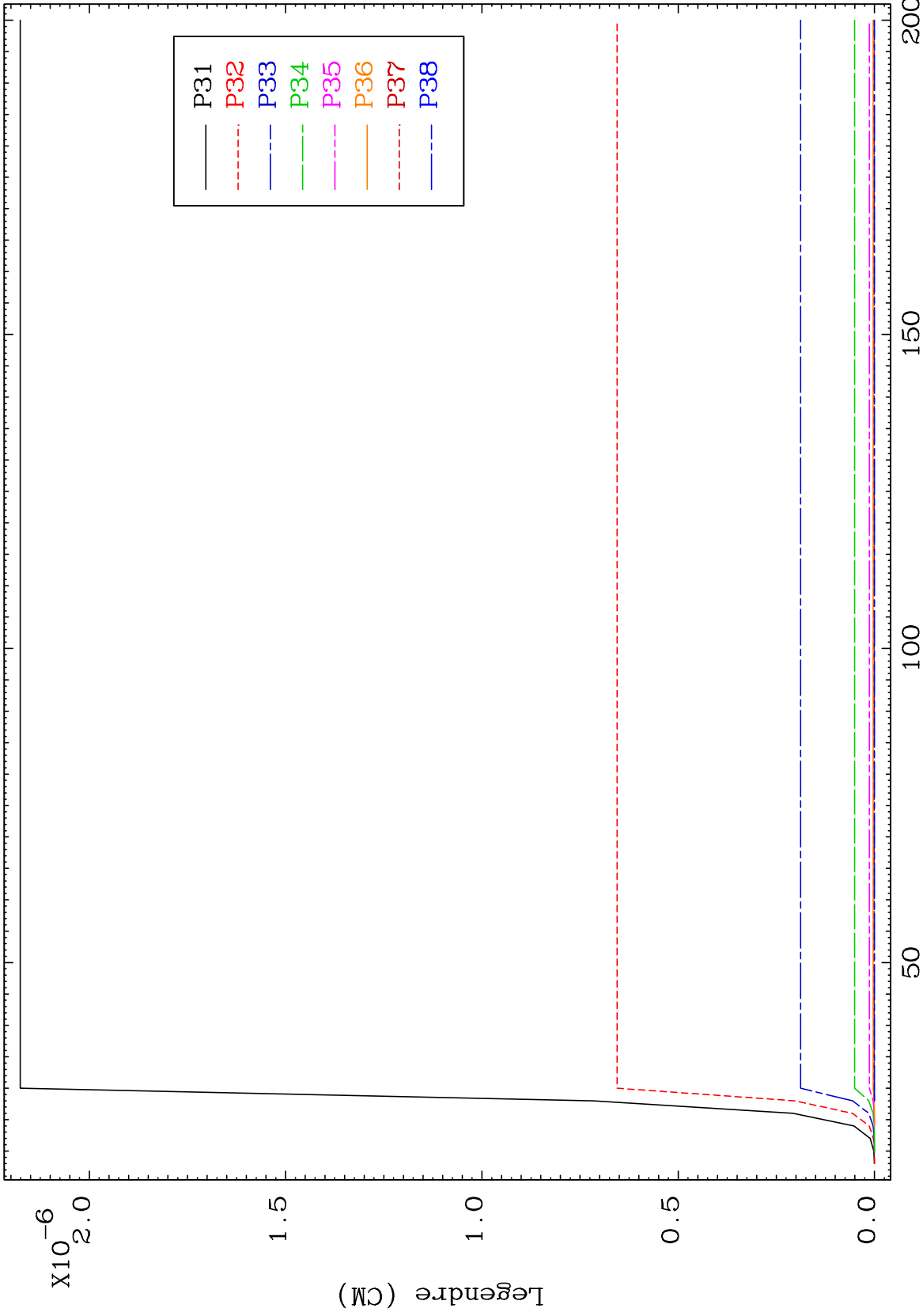
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



86

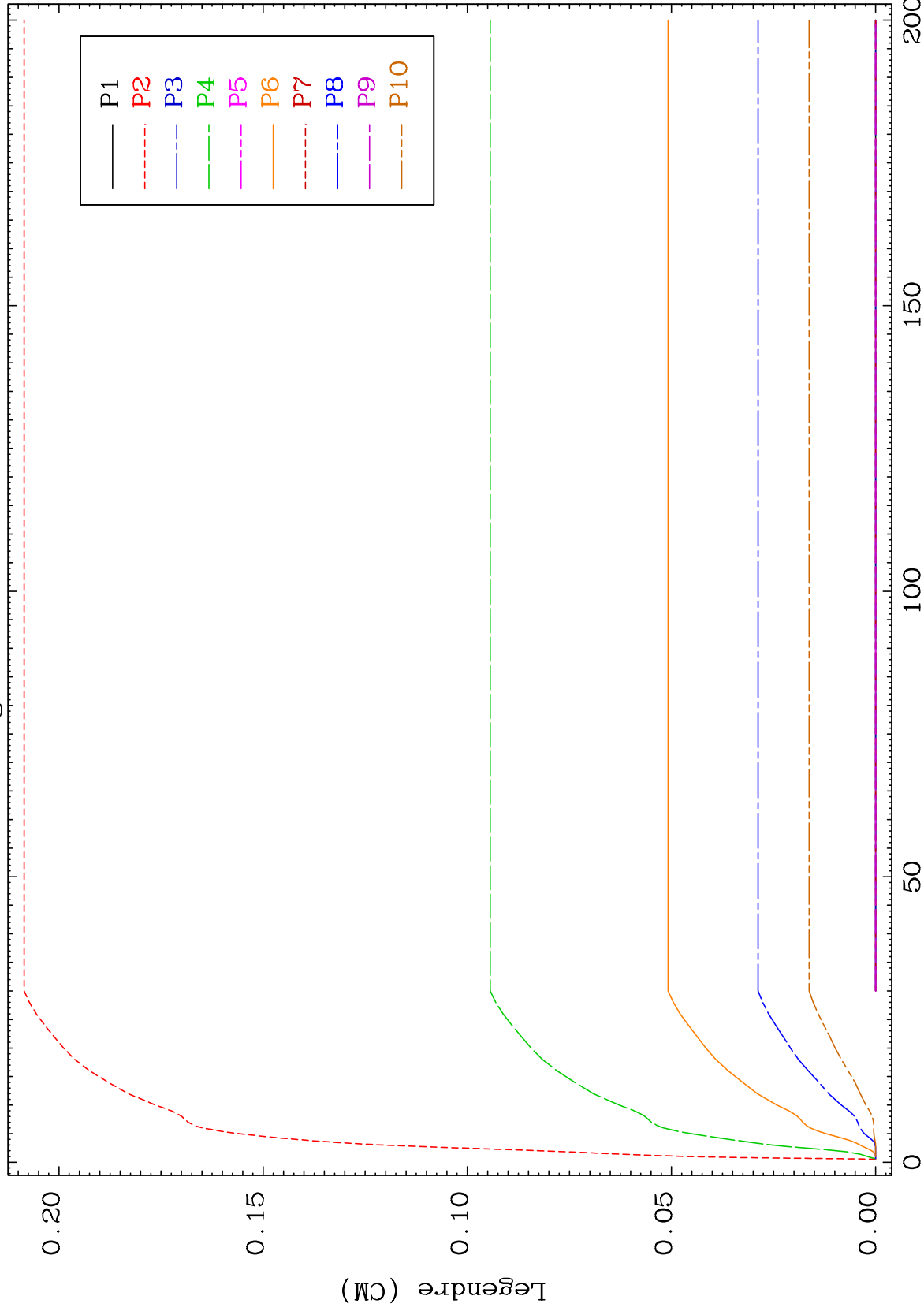
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



87

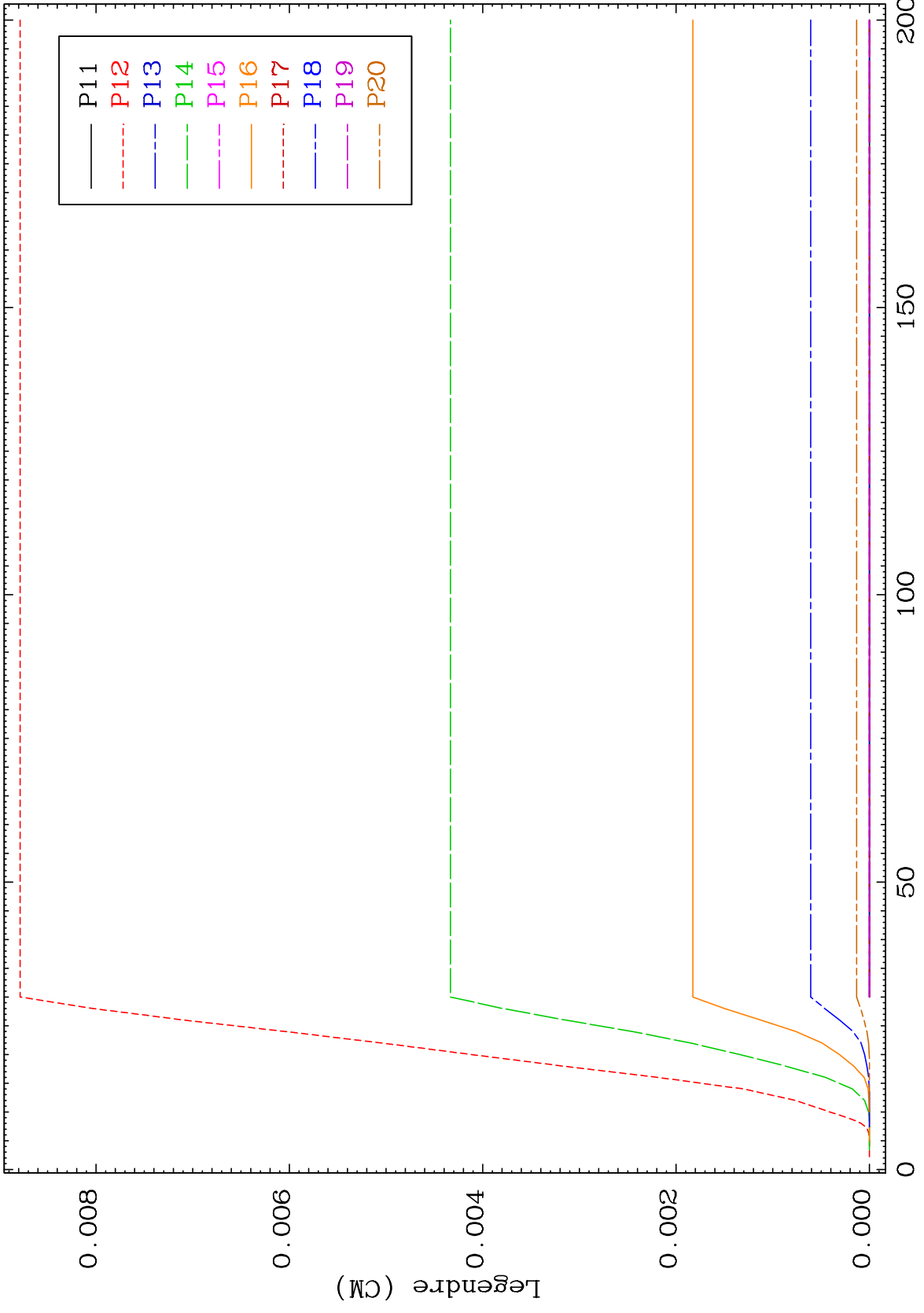
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



88

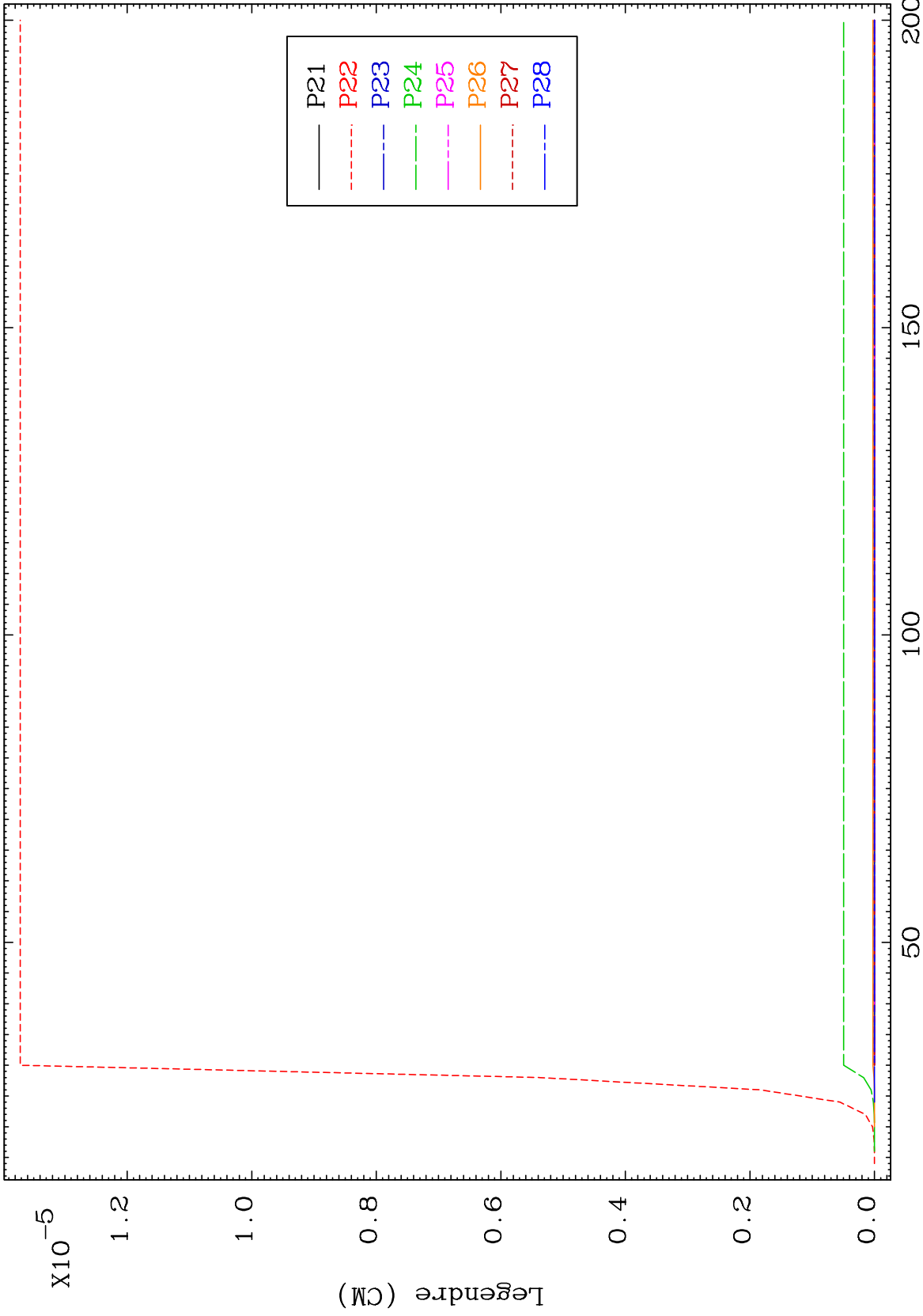
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



89

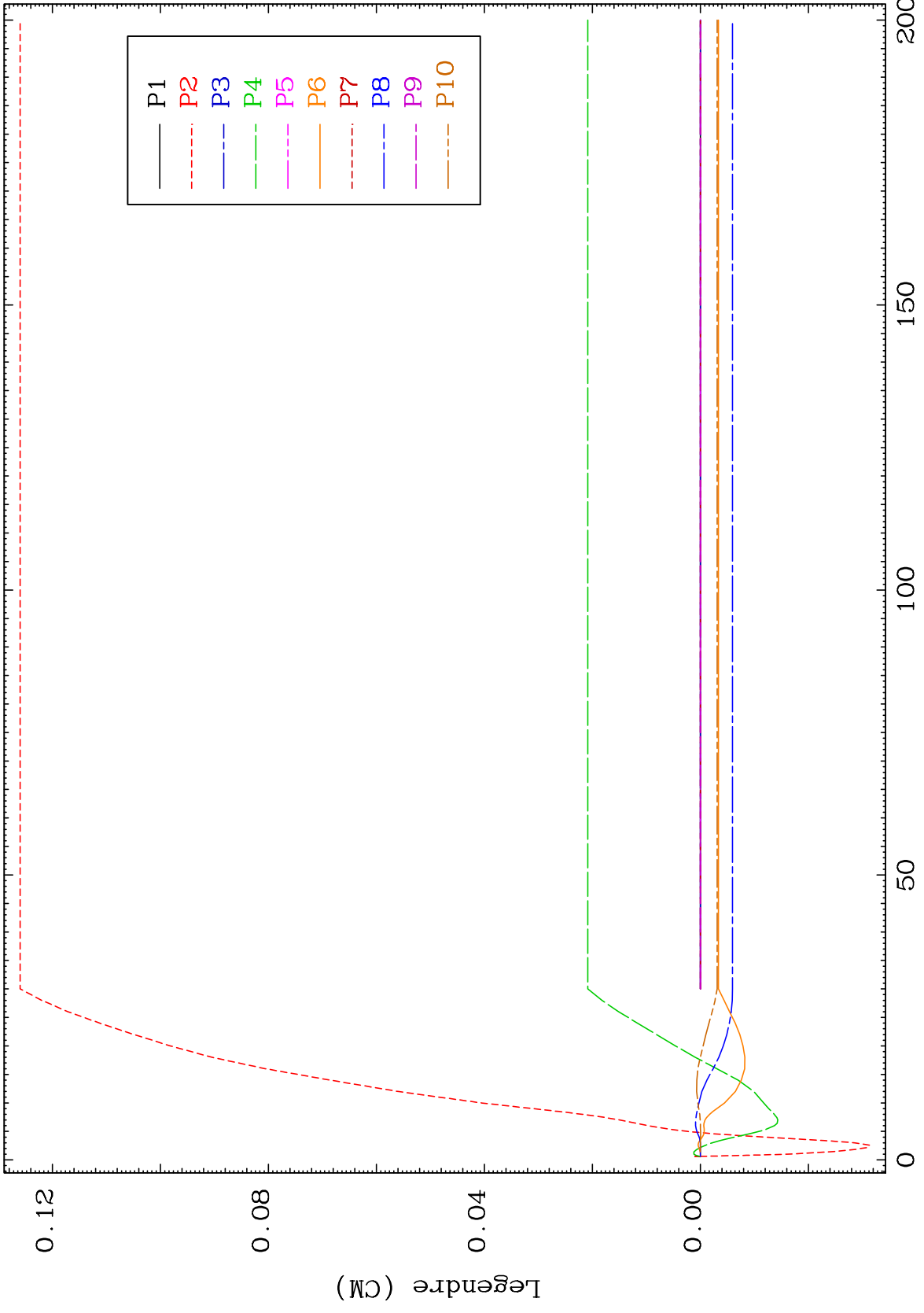
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

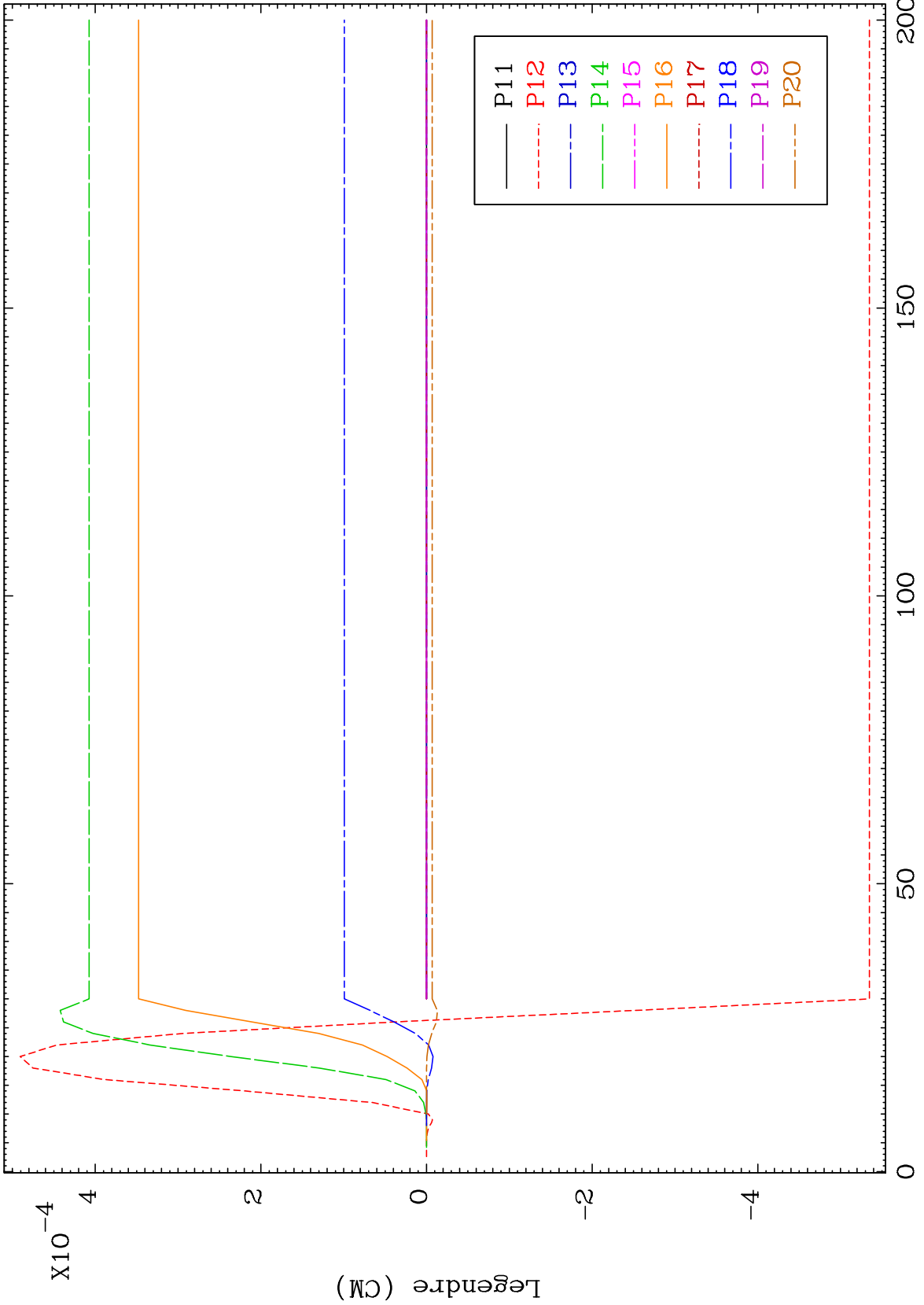
Incident Energy (MeV)

90

MAT 7834

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

78-Pt-193



91

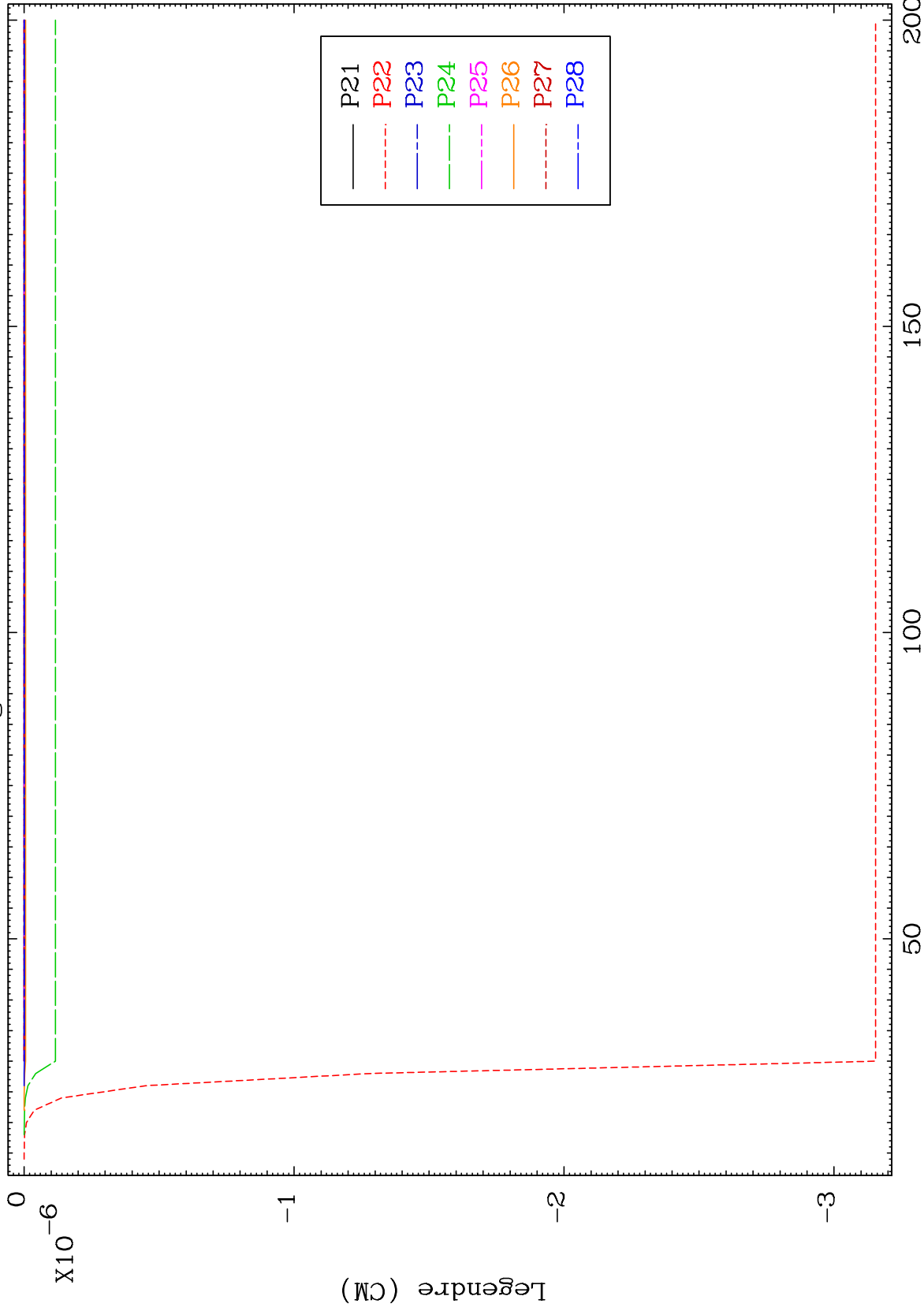
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



92

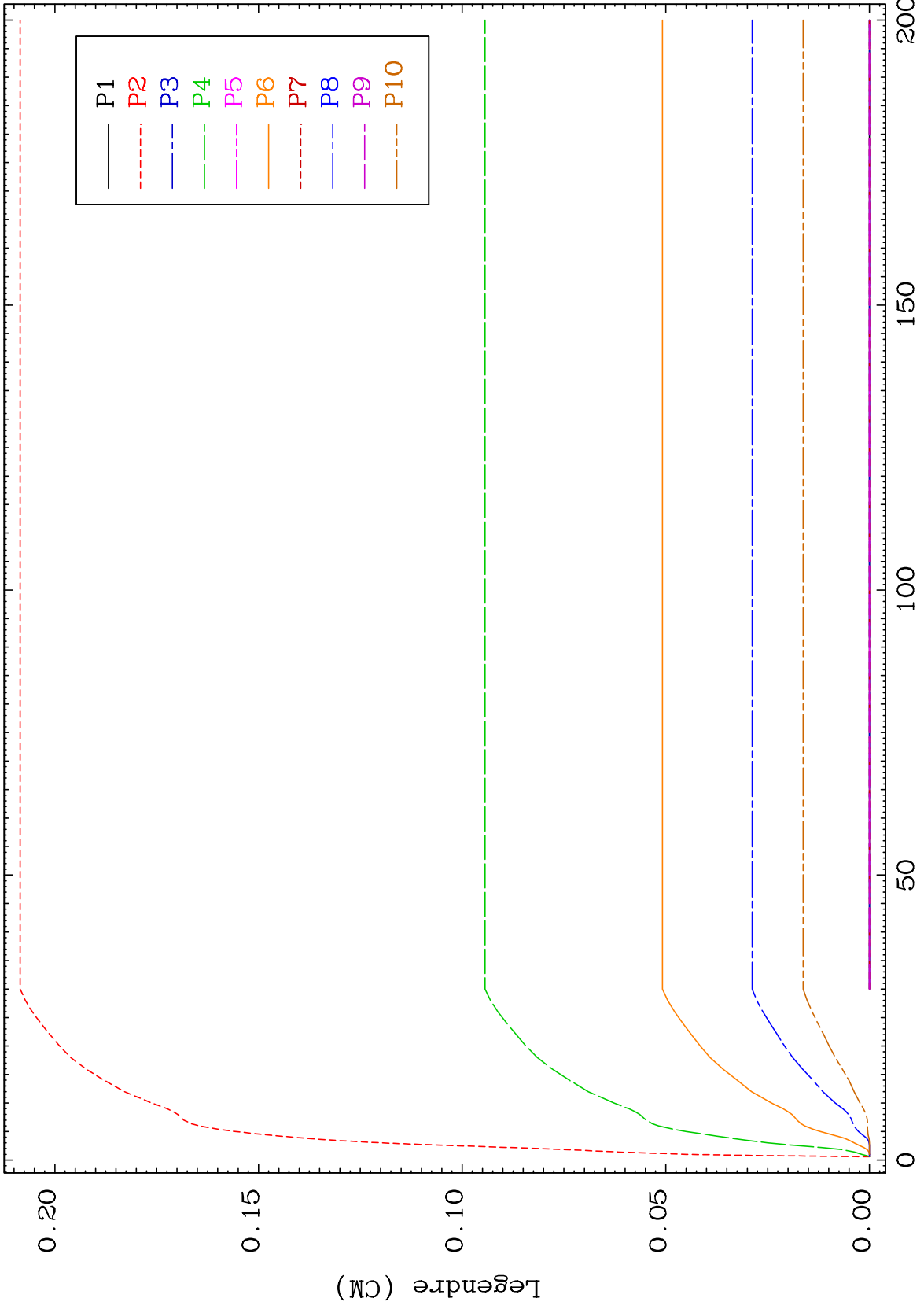
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



93

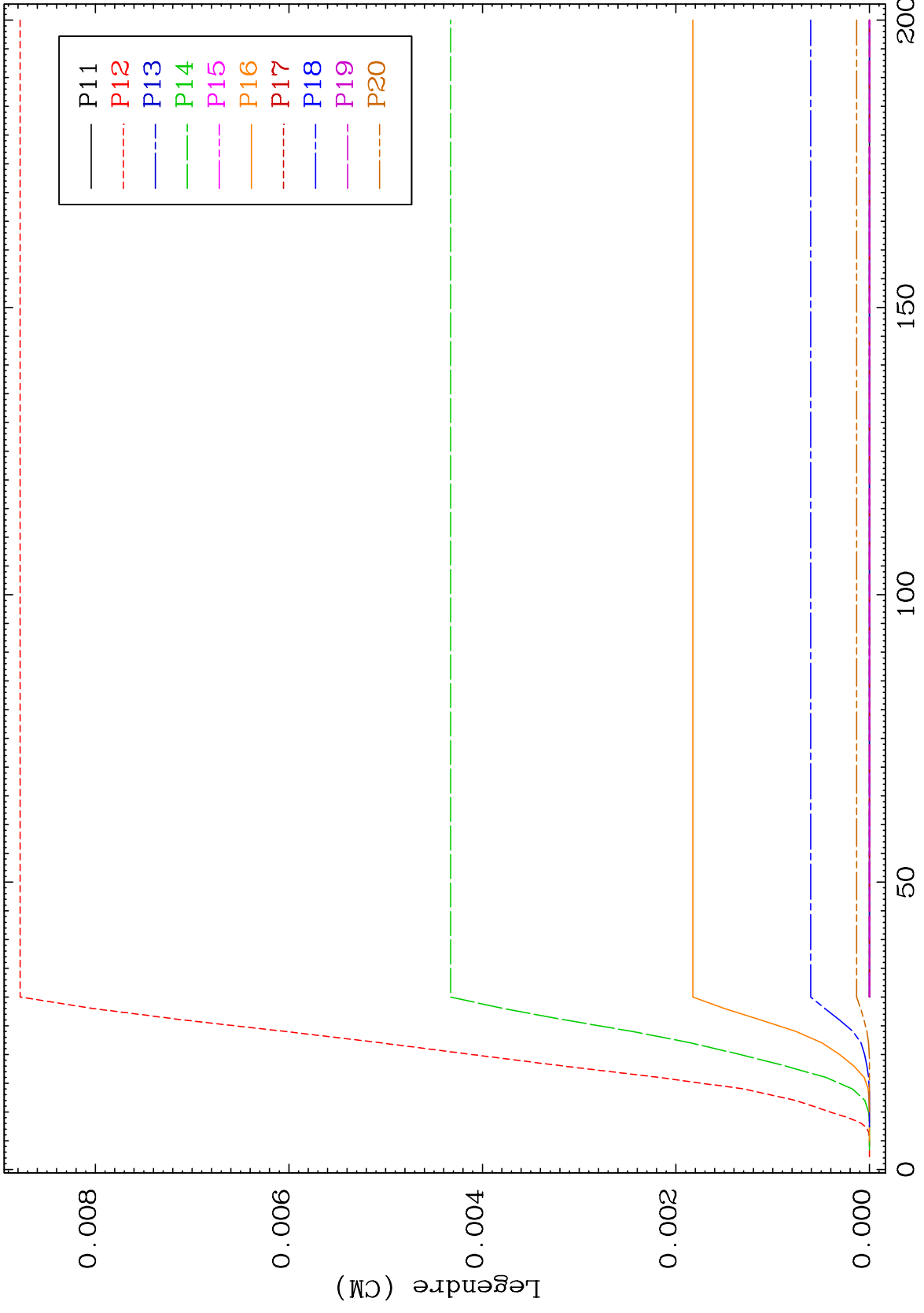
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



94

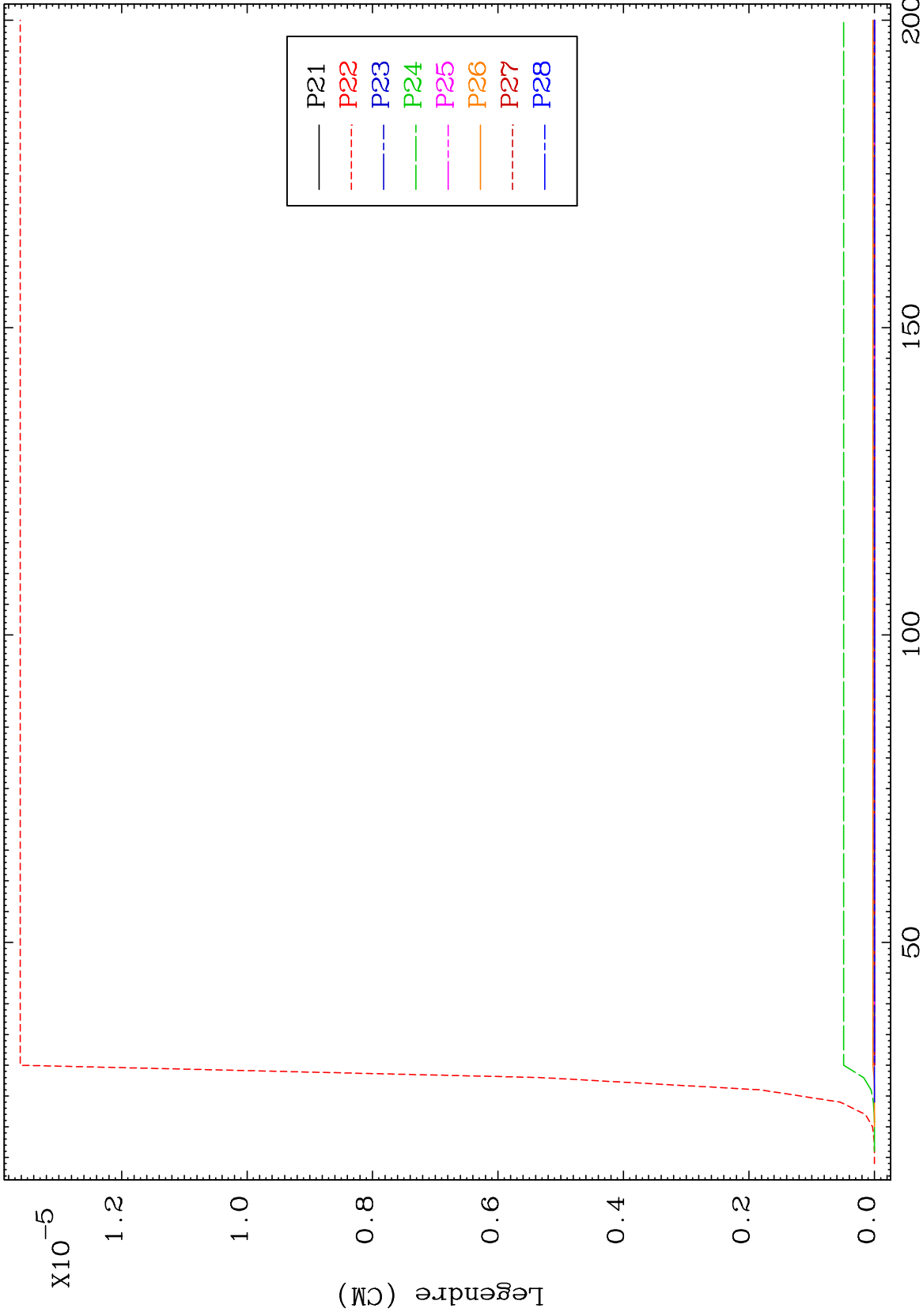
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



95

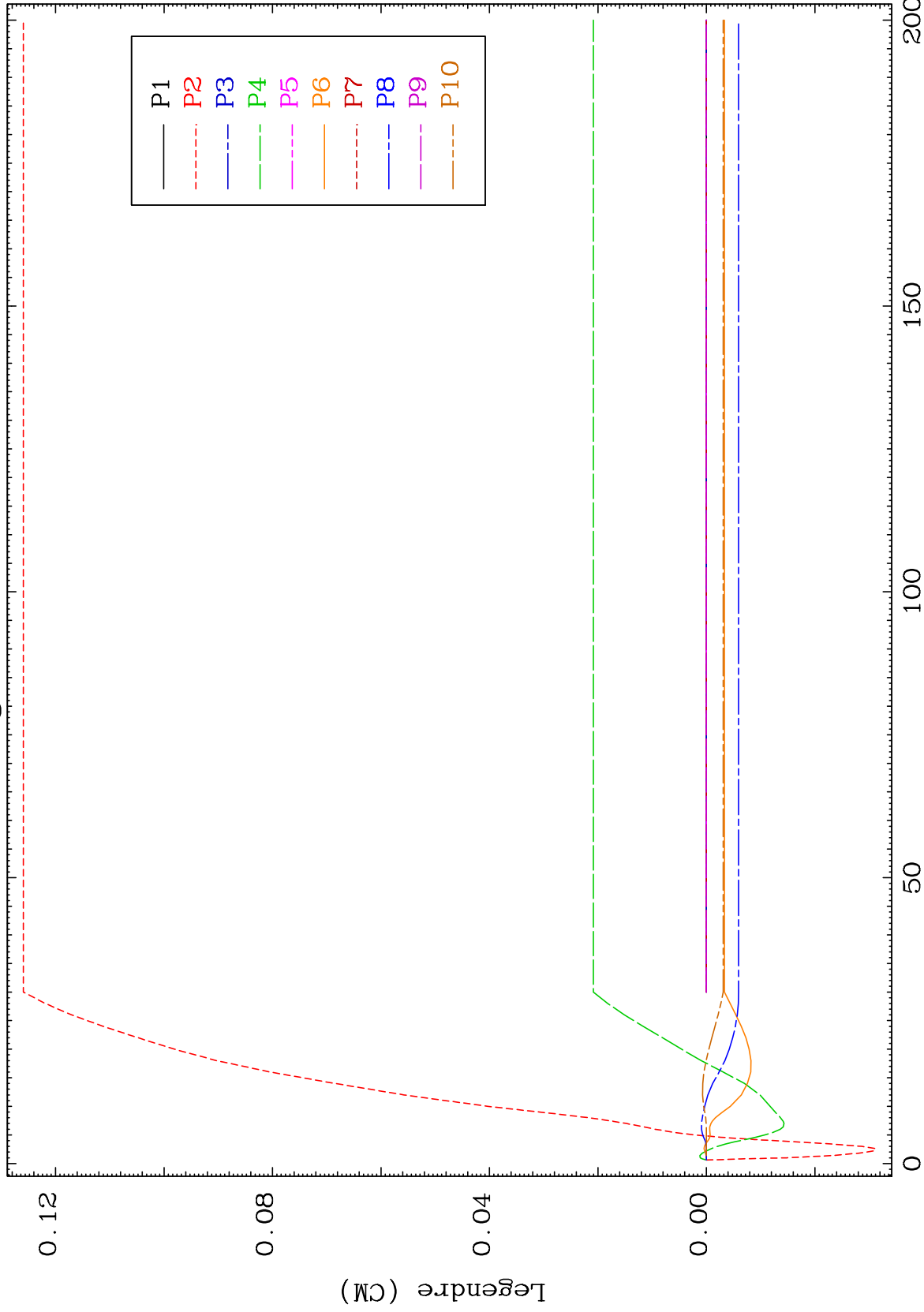
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



96

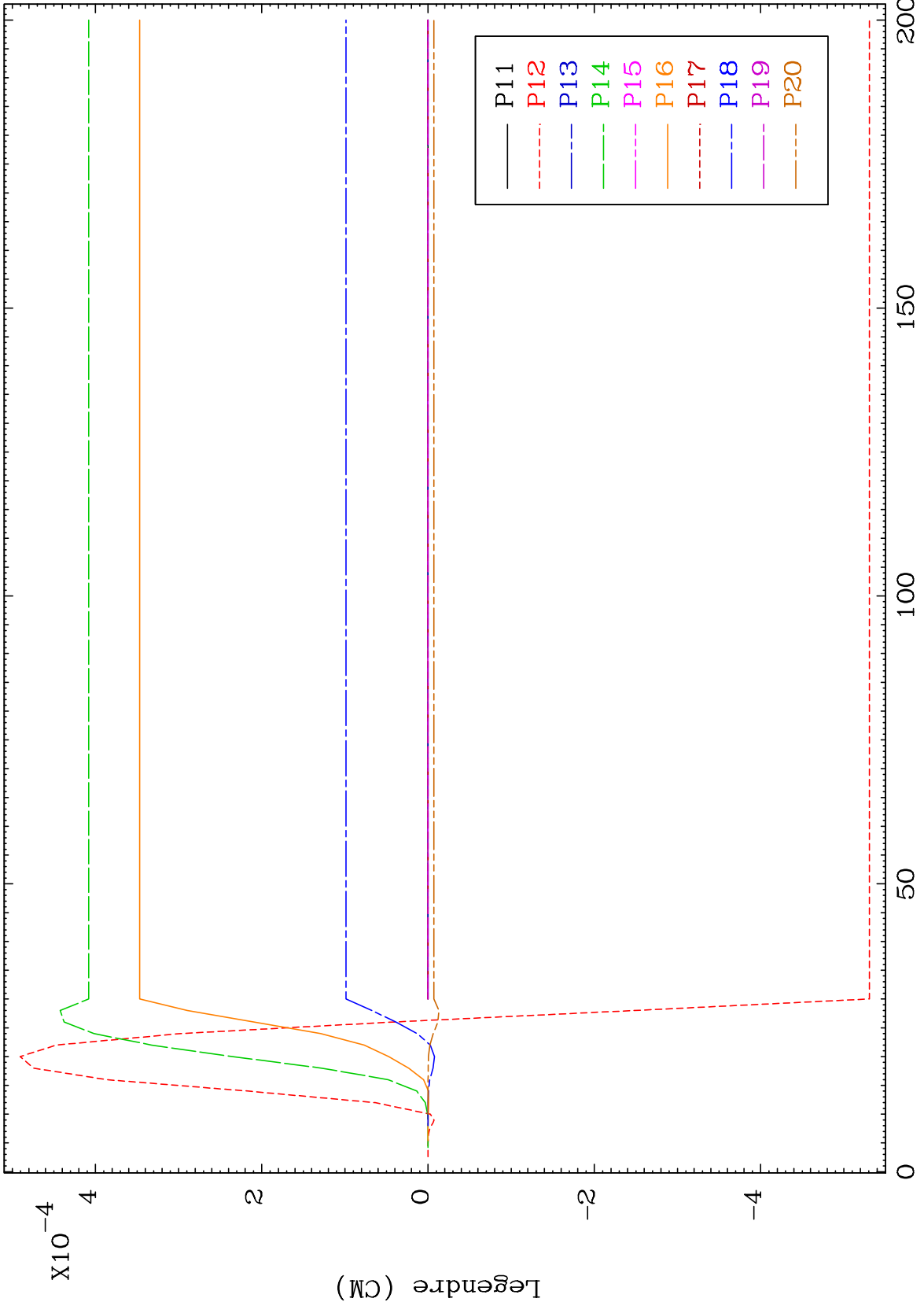
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



97

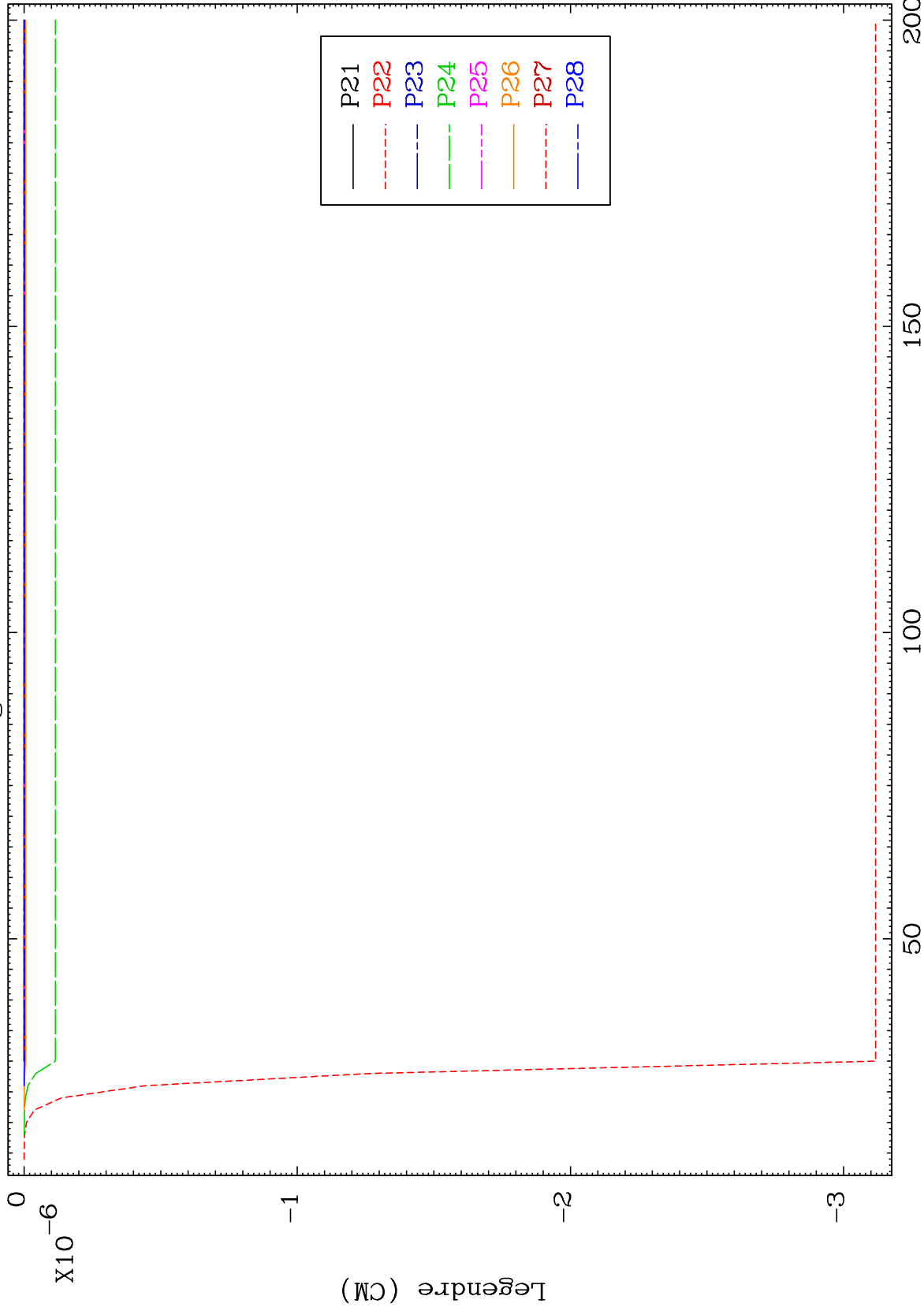
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



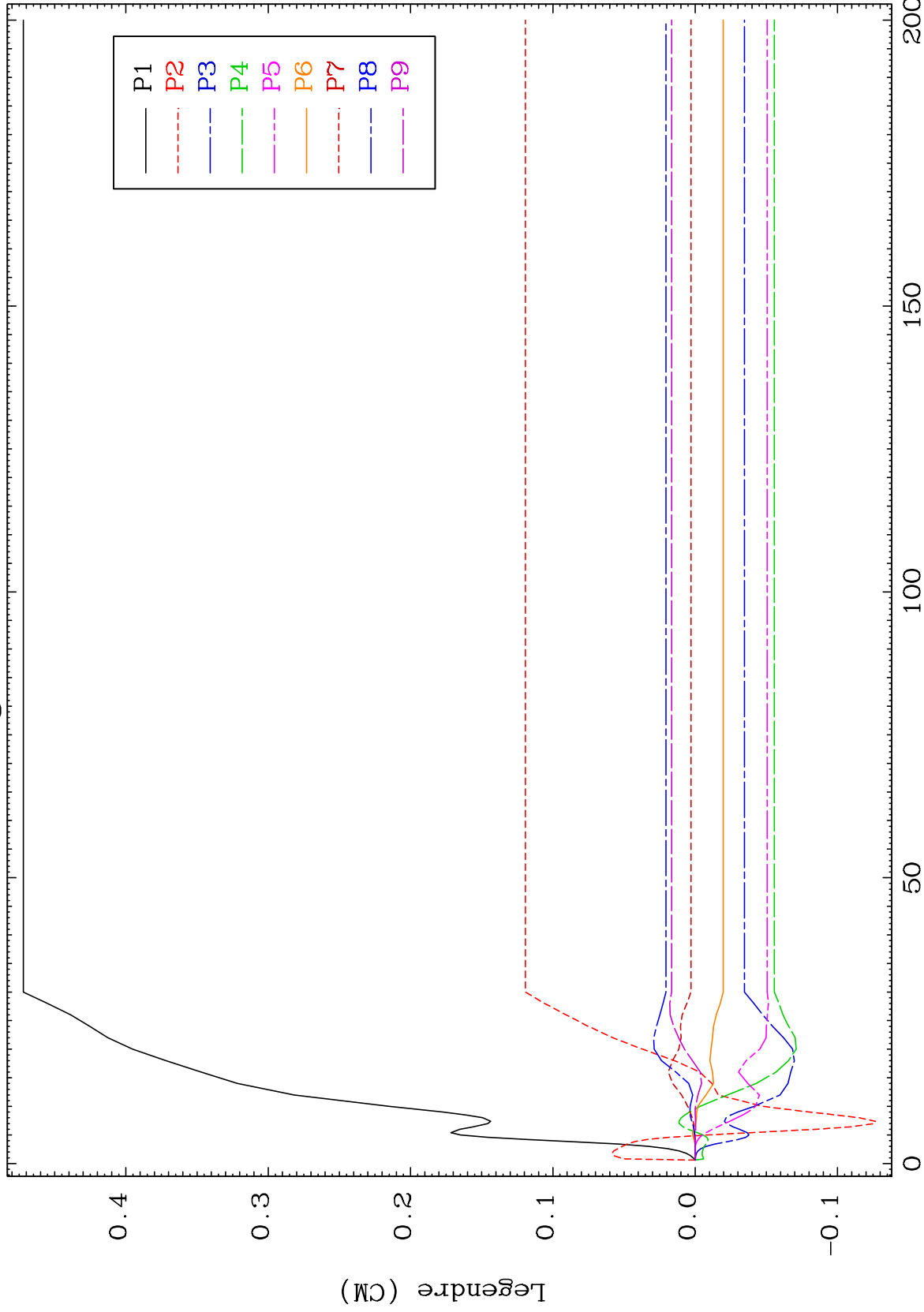
98

78-Pt-193

MAT 7834

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

78-Pt-193



99

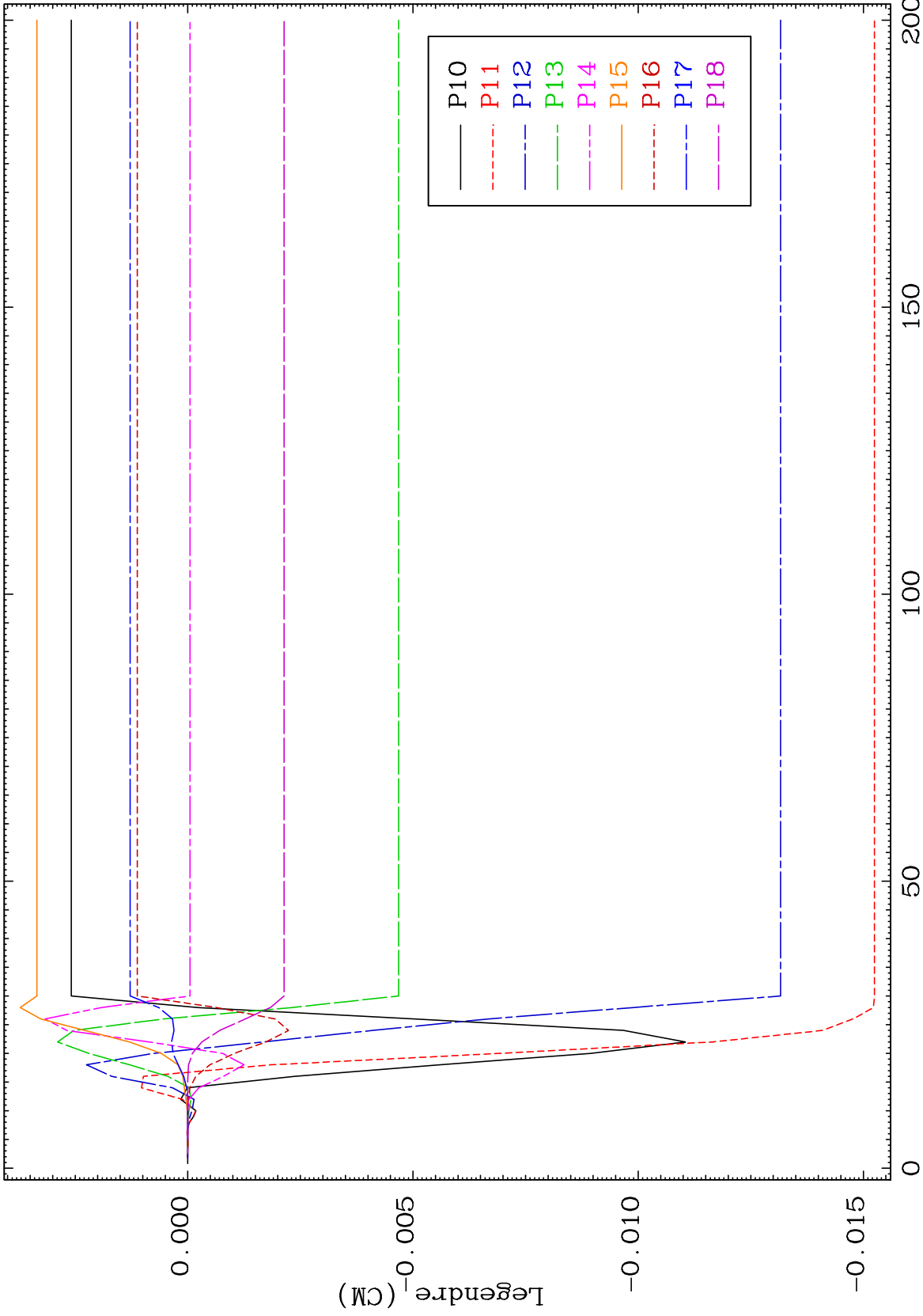
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

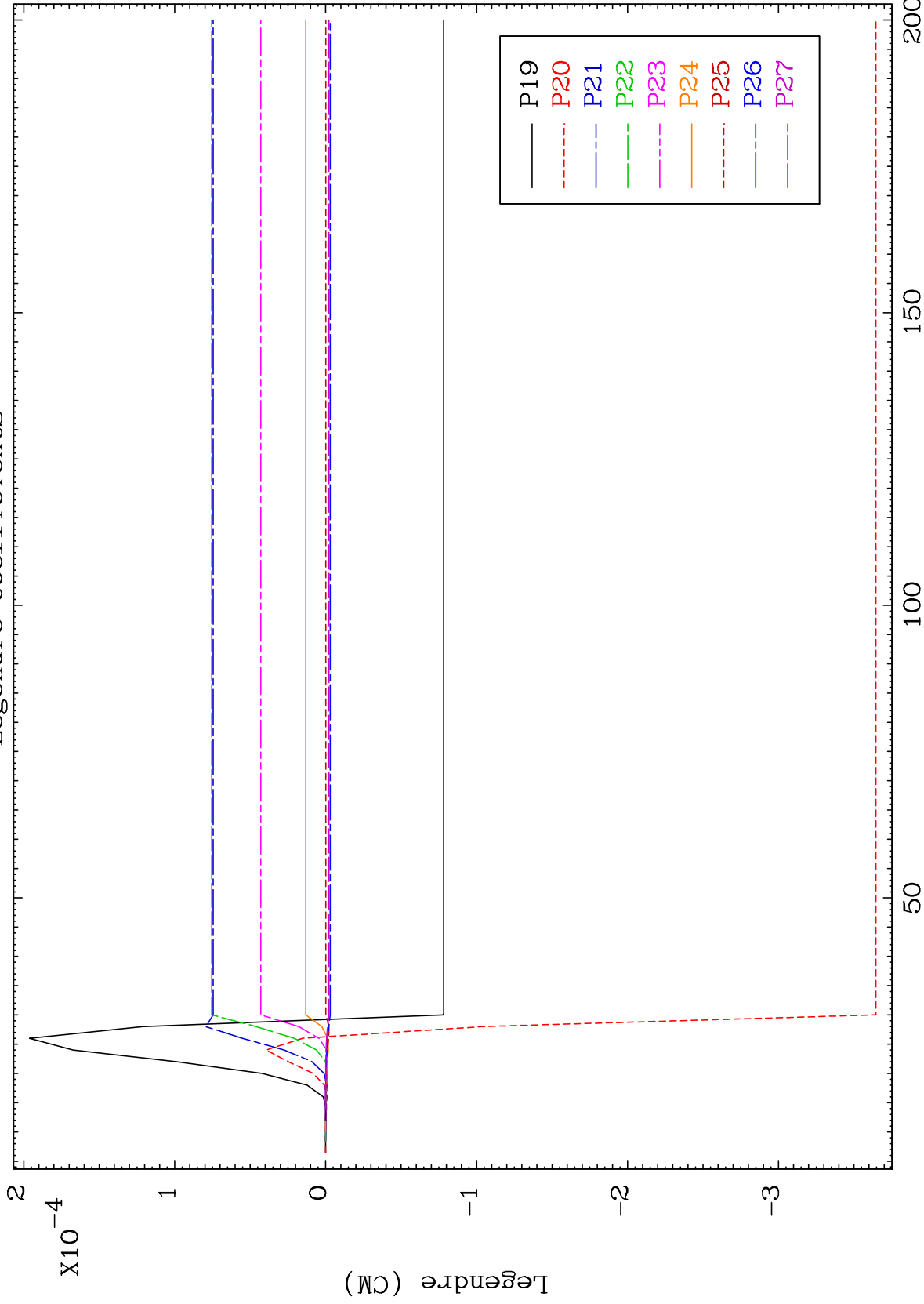
Incident Energy (MeV)

100

MAT 7834

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

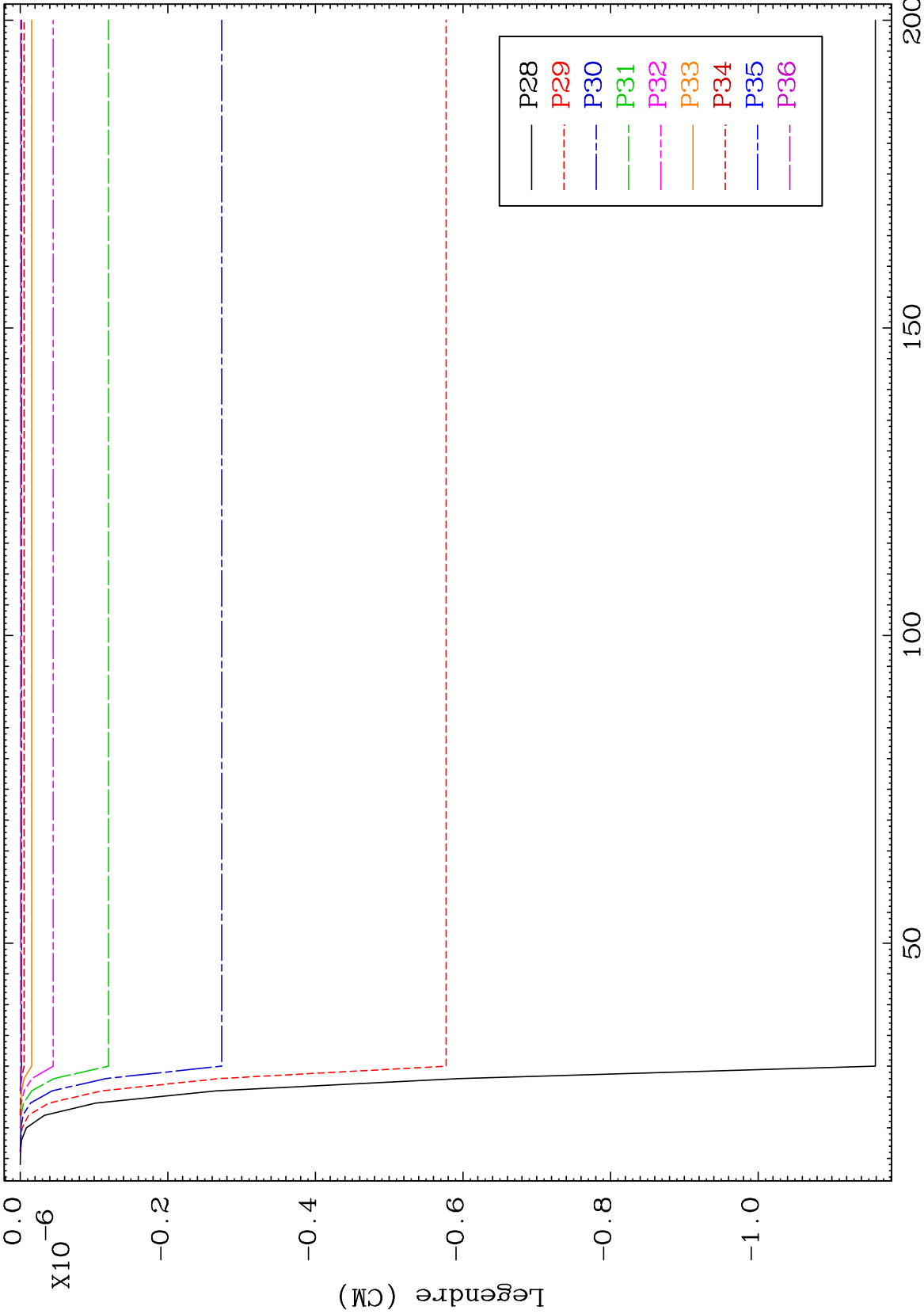
78-Pt-193



101

78-Pt-193

MAT 7834 MT= 74 (n,n') Level Legendre Coefficients 78-Pt-193

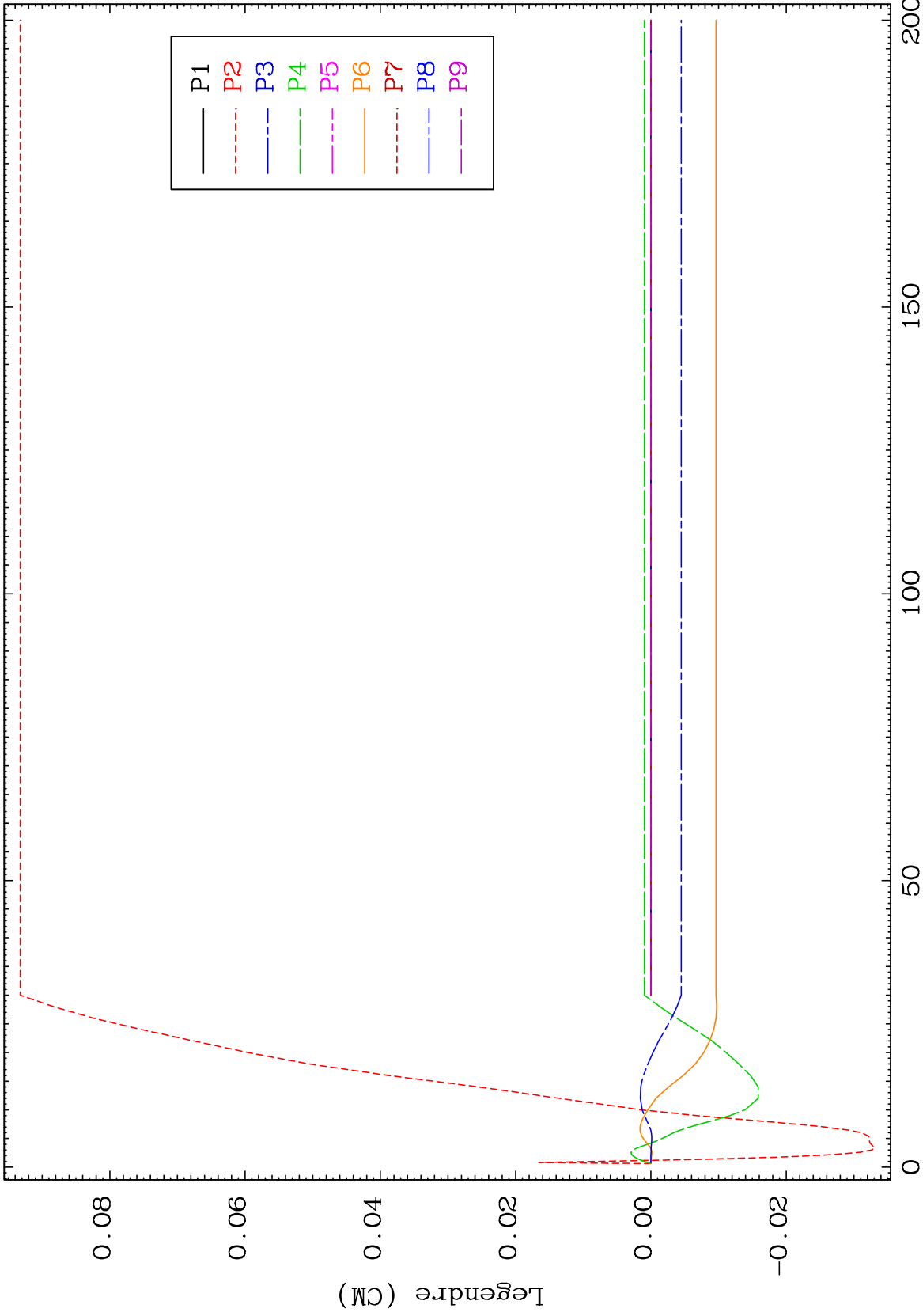


102 78-Pt-193

MAT 7834

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

78-Pt-193



103

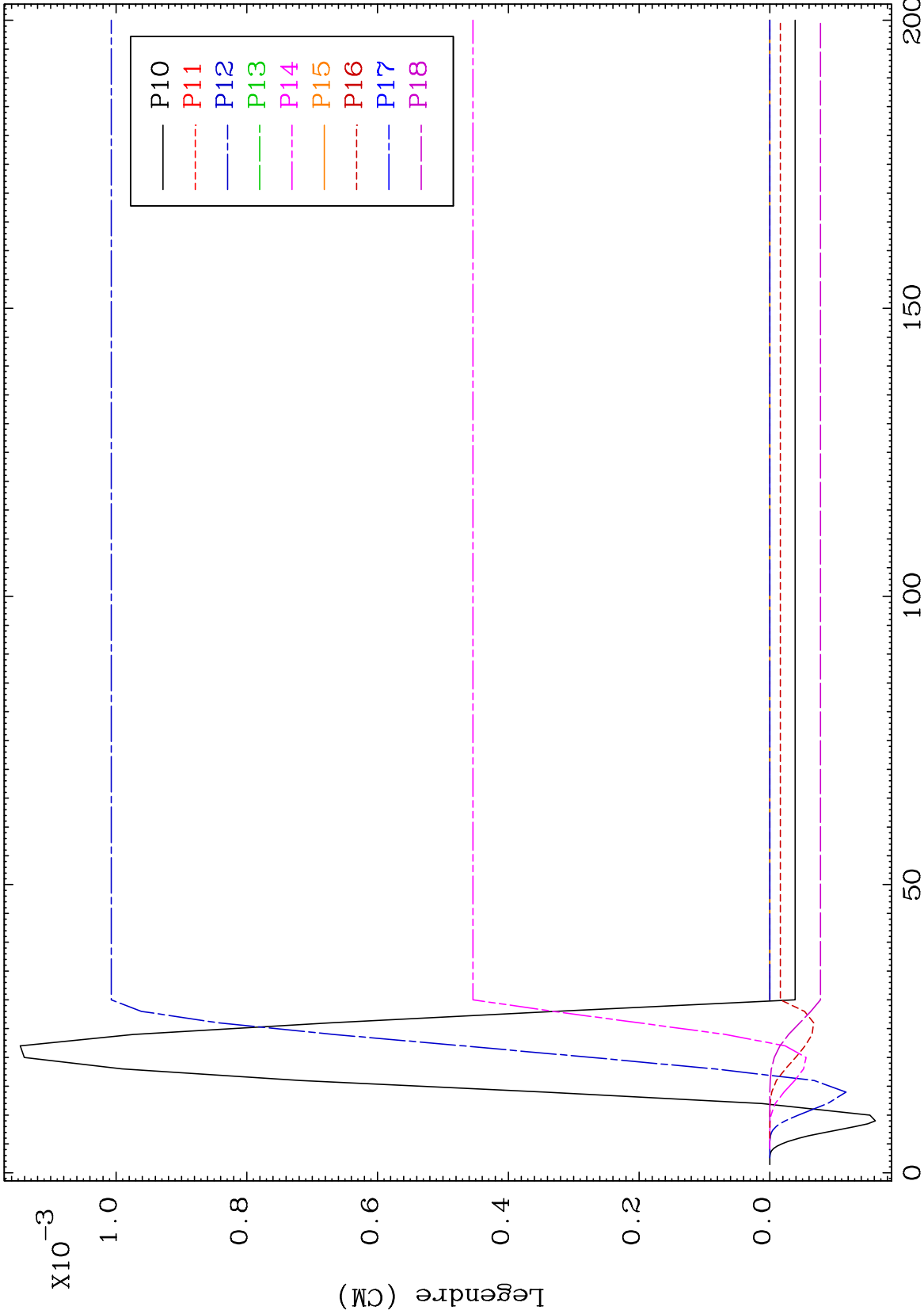
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



104

Incident Energy (MeV)

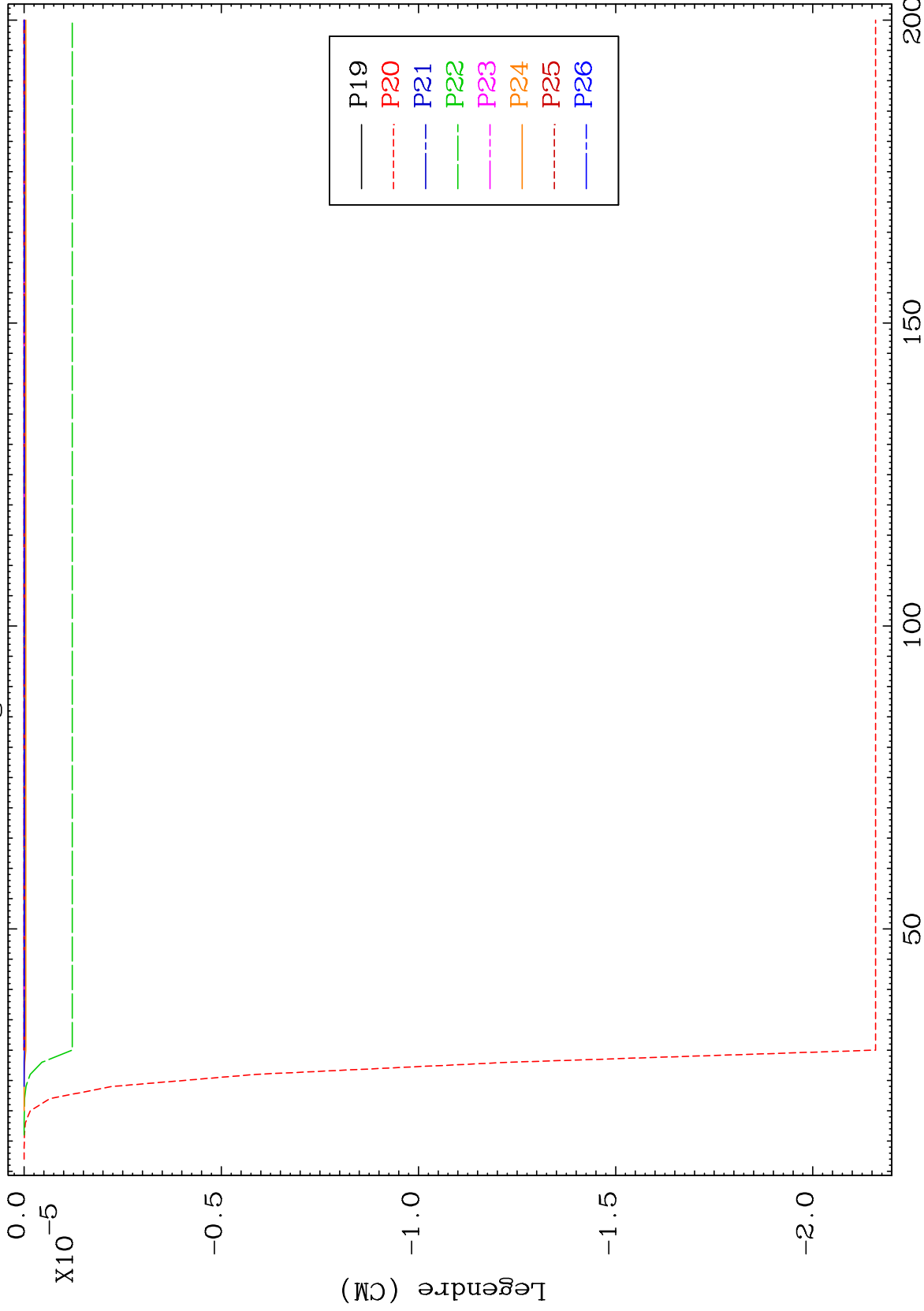
78-Pt-193

MAT 7834

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

78-Pt-193

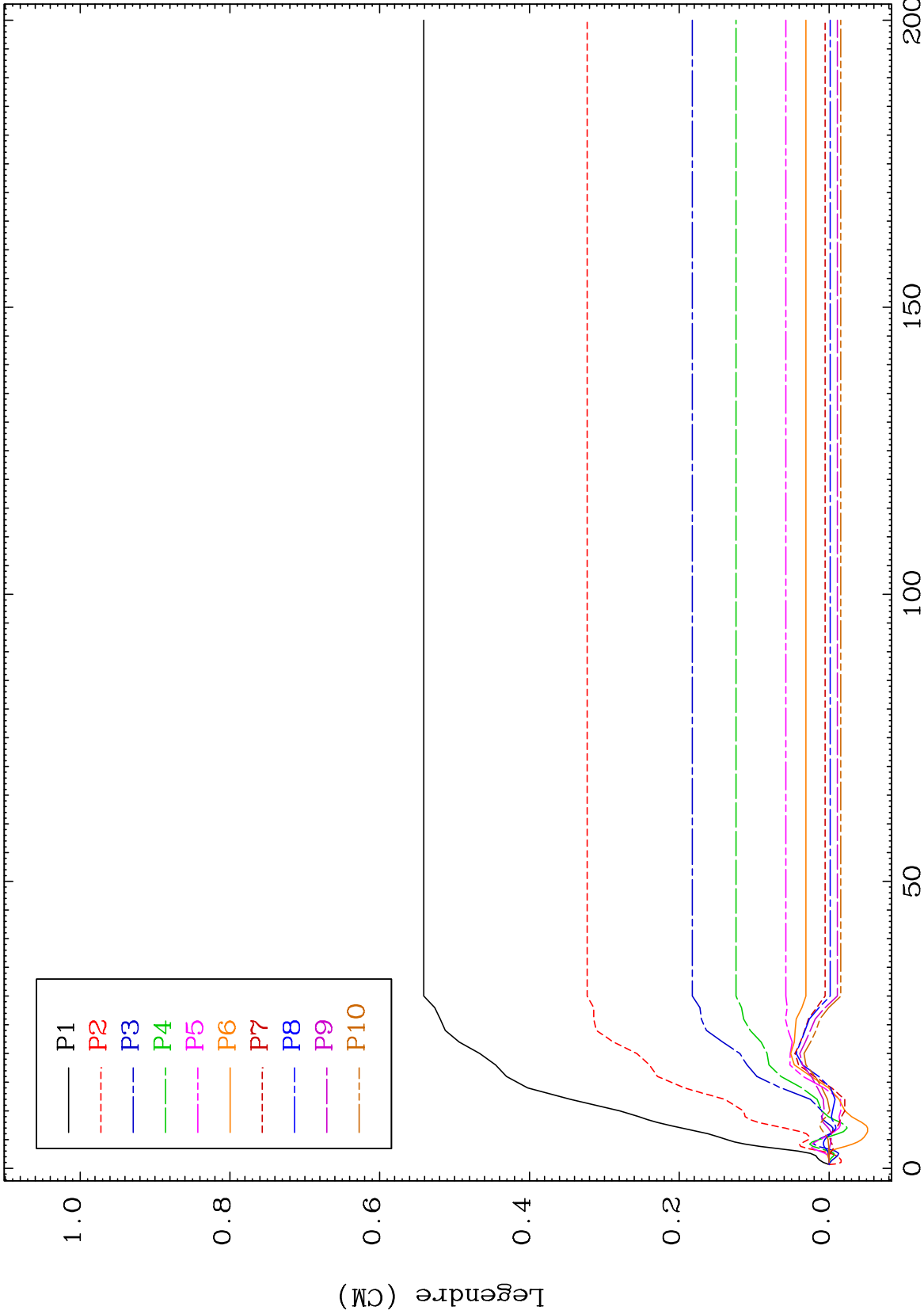
Incident Energy (MeV)



MAT 7834

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

78-Pt-193



106

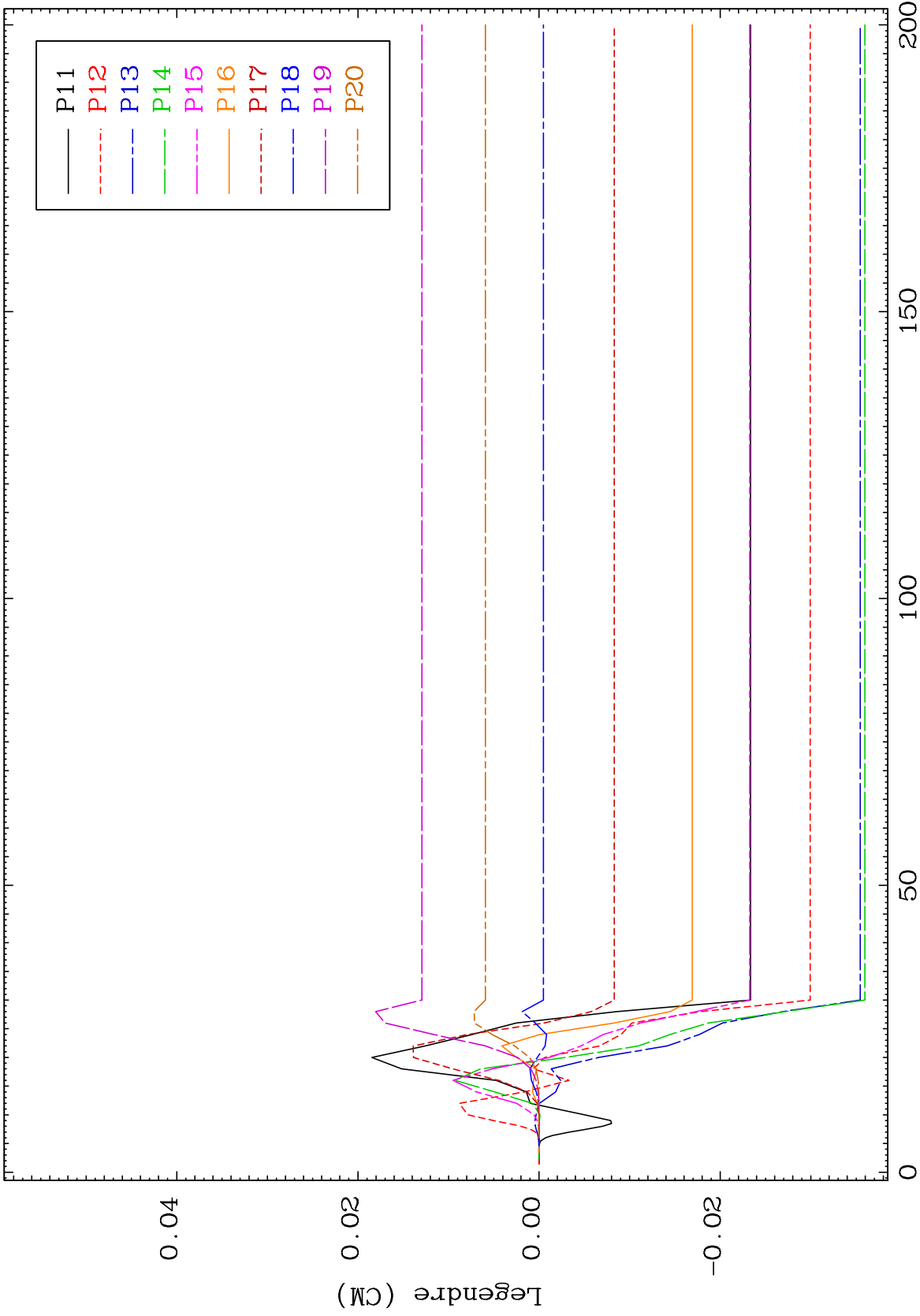
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



107

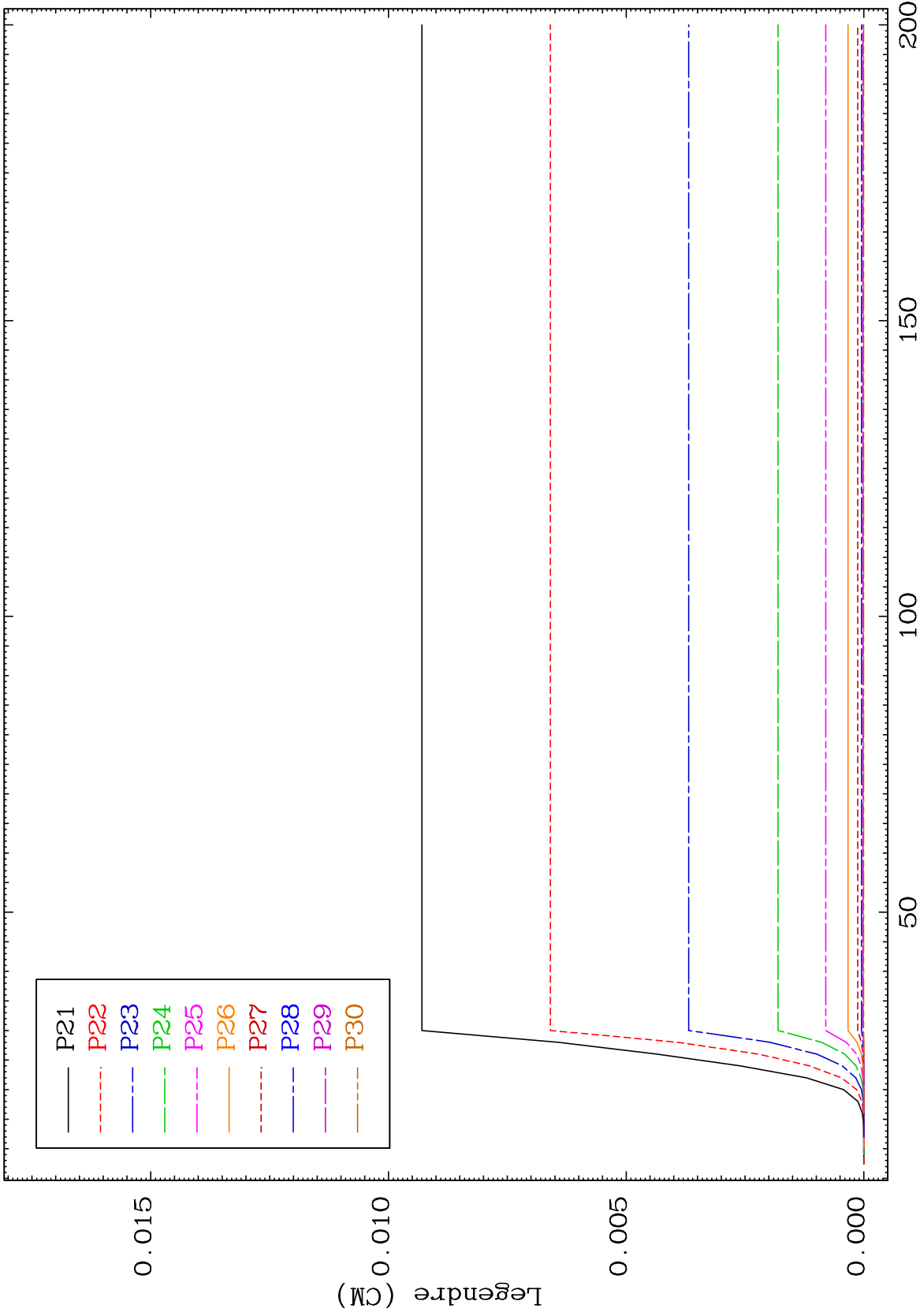
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



108

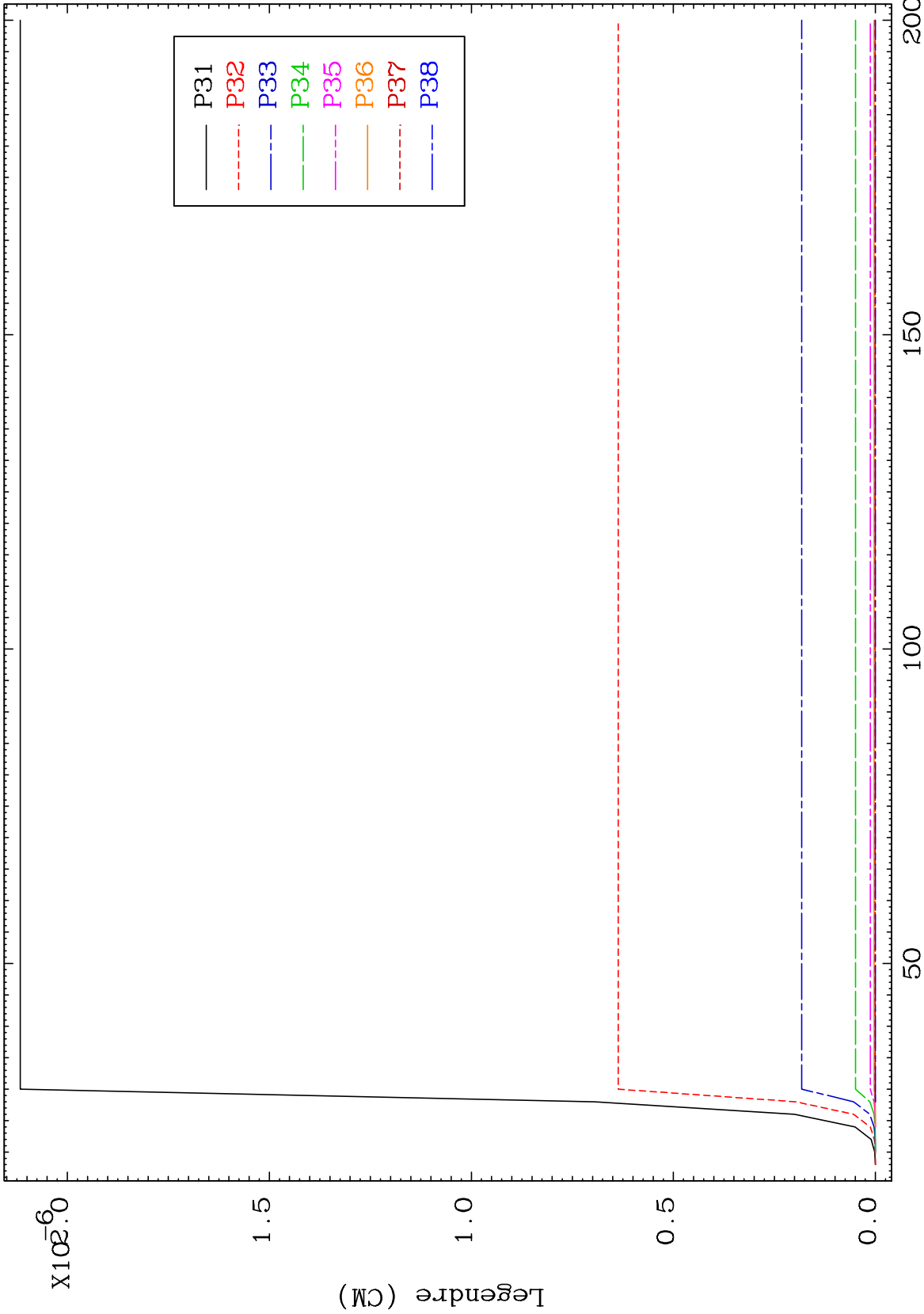
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

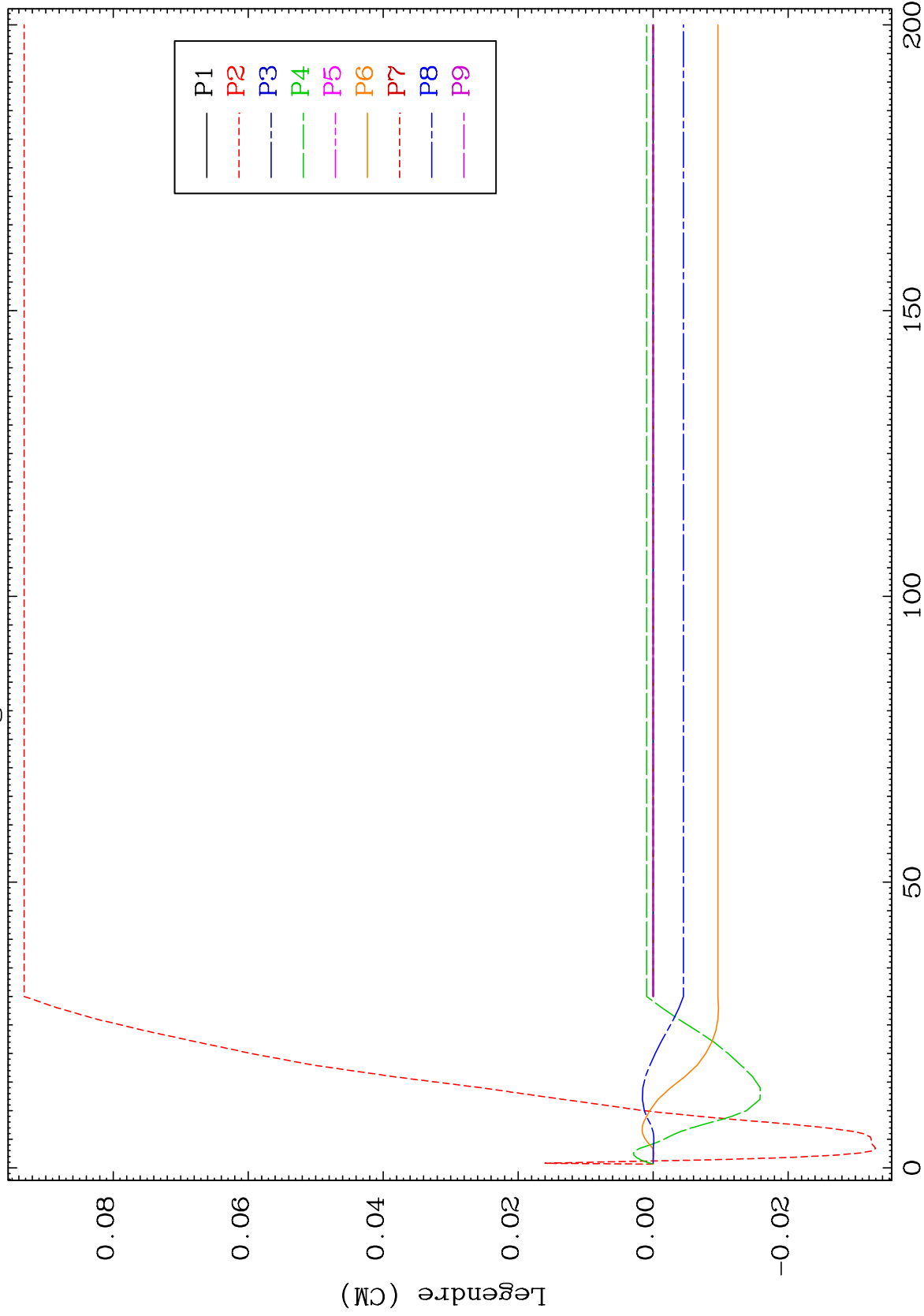
Incident Energy (MeV)

109

MAT 7834

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

78-Pt-193



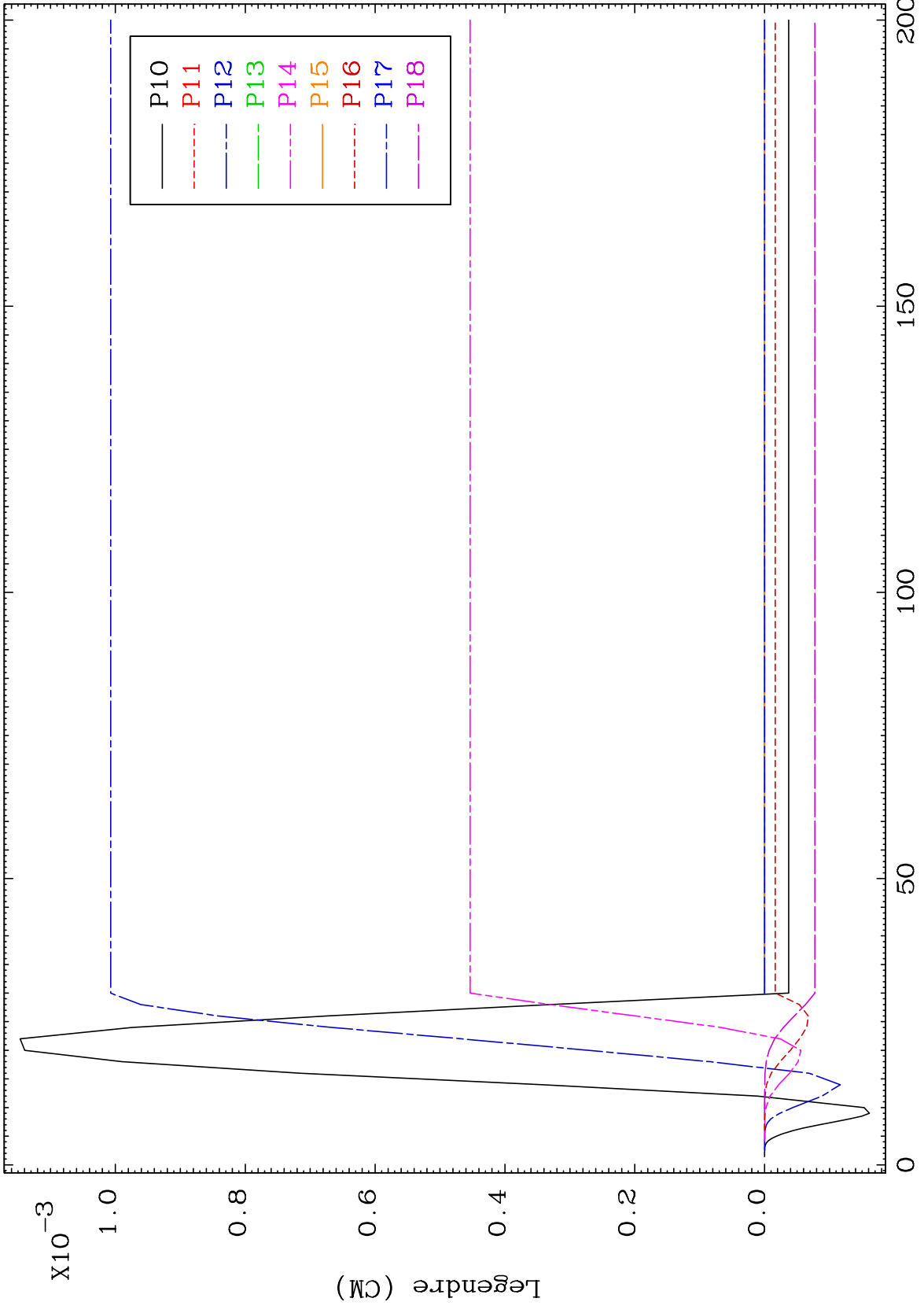
110

78-Pt-193

MAT 7834

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

78-Pt-193



111

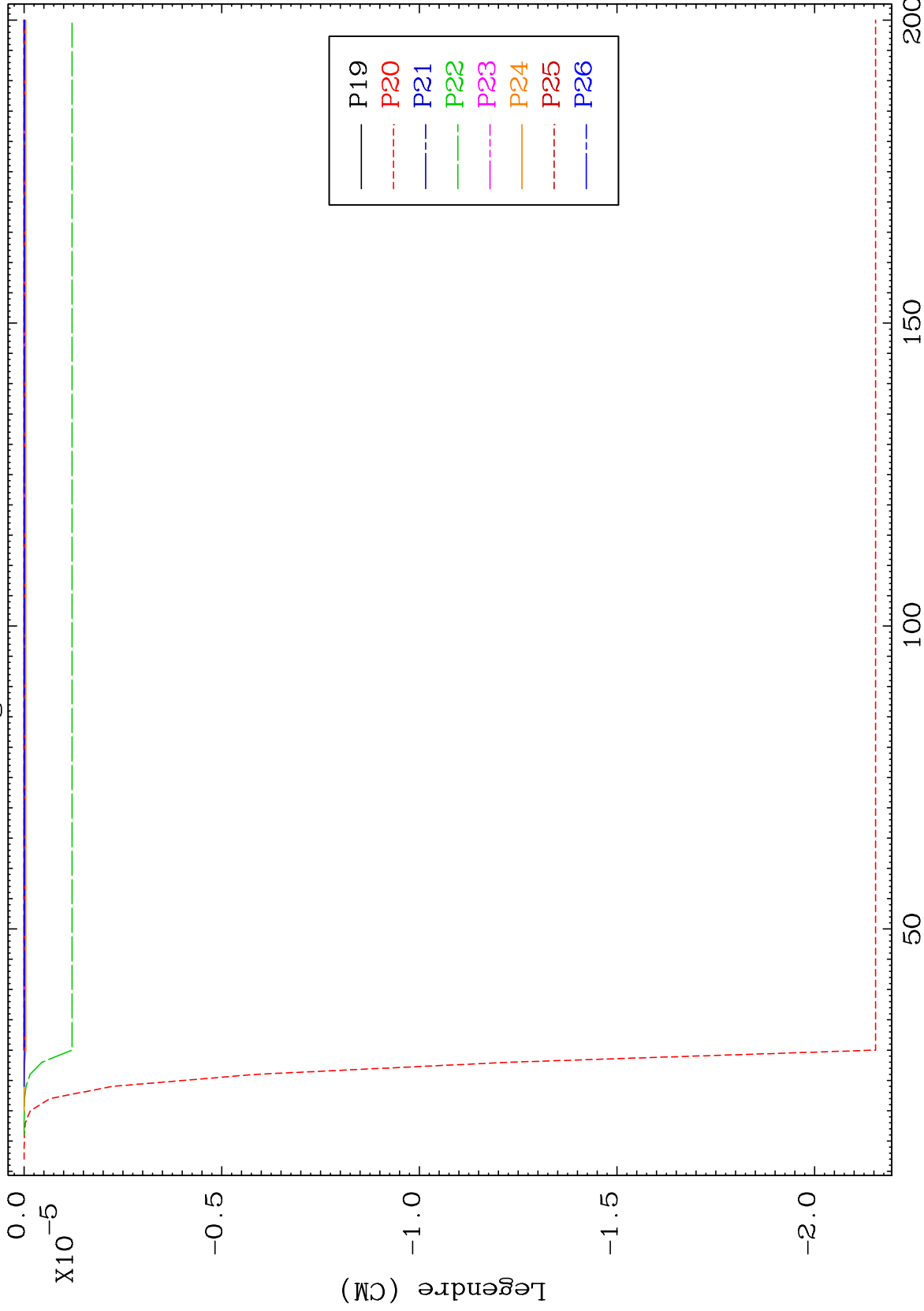
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



112

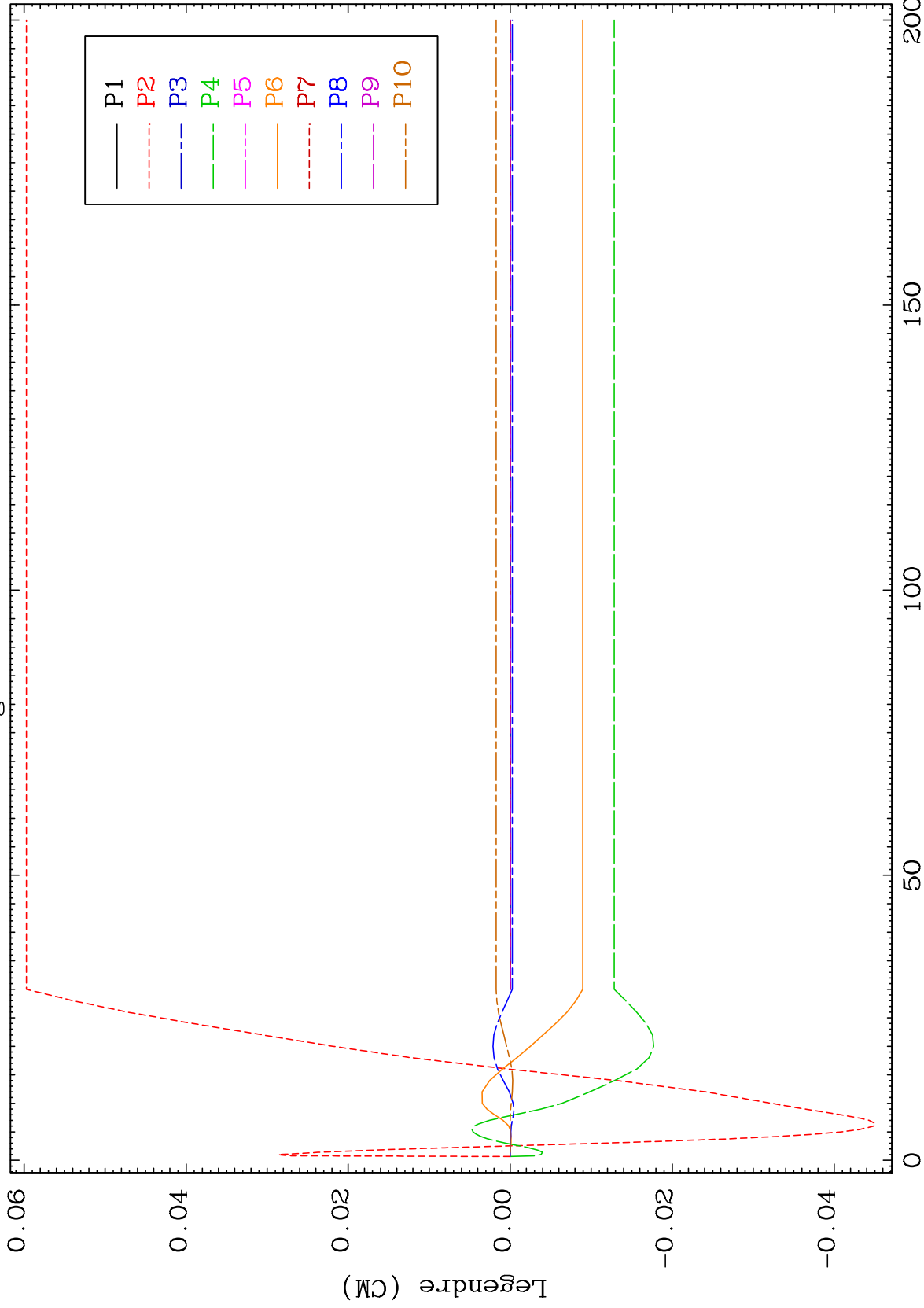
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

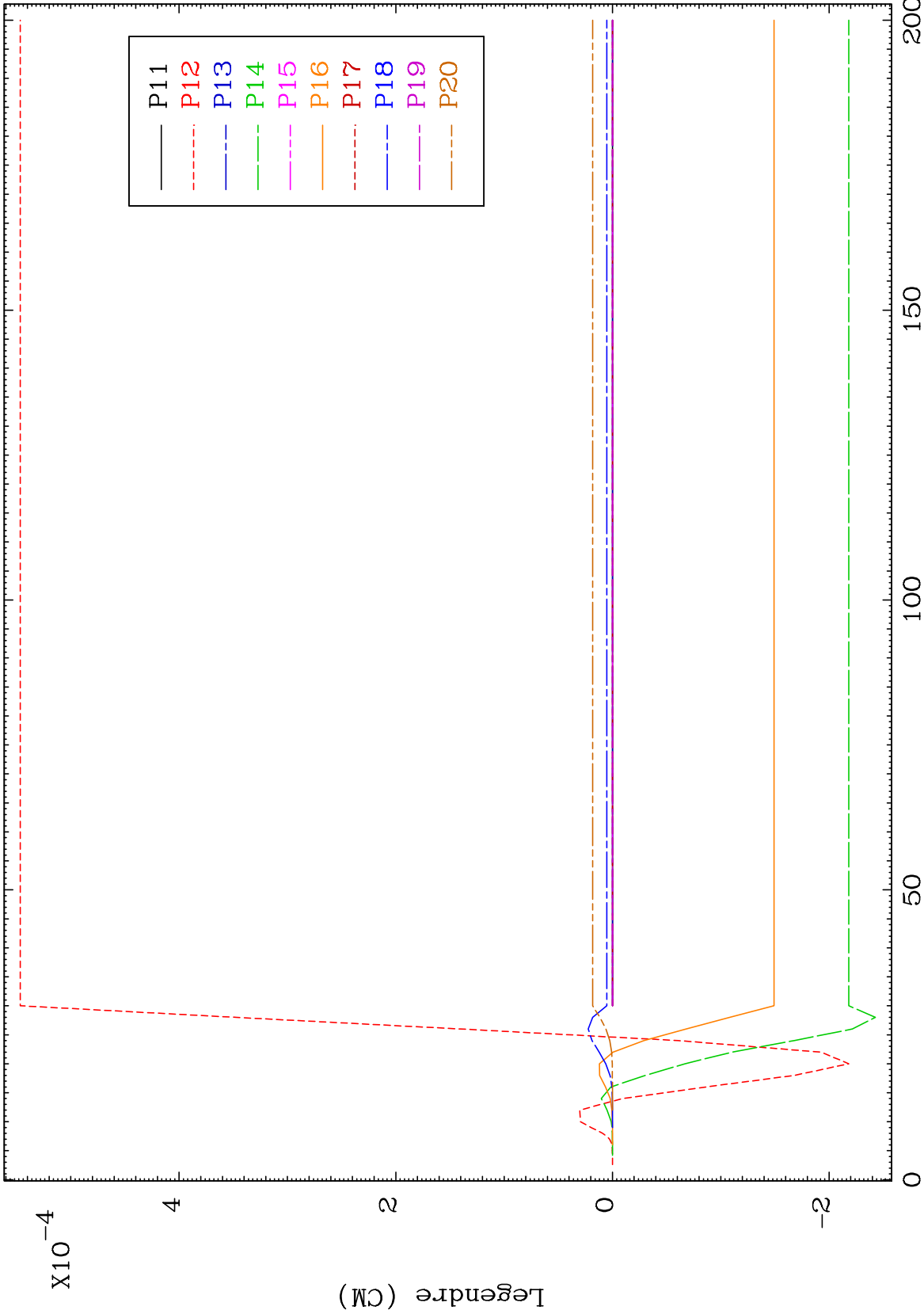
Incident Energy (MeV)

113

MAT 7834

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

78-Pt-193



114

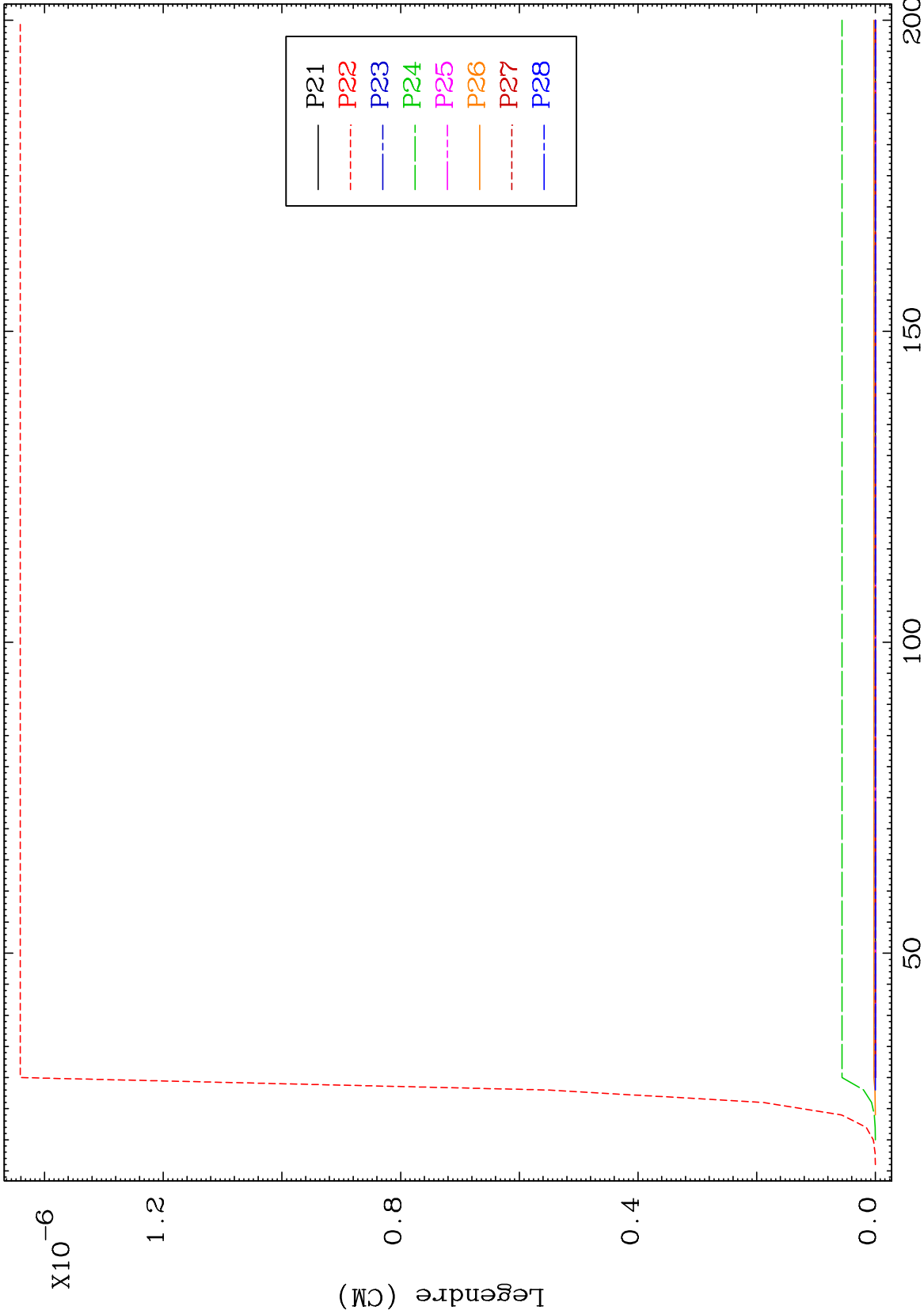
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



115

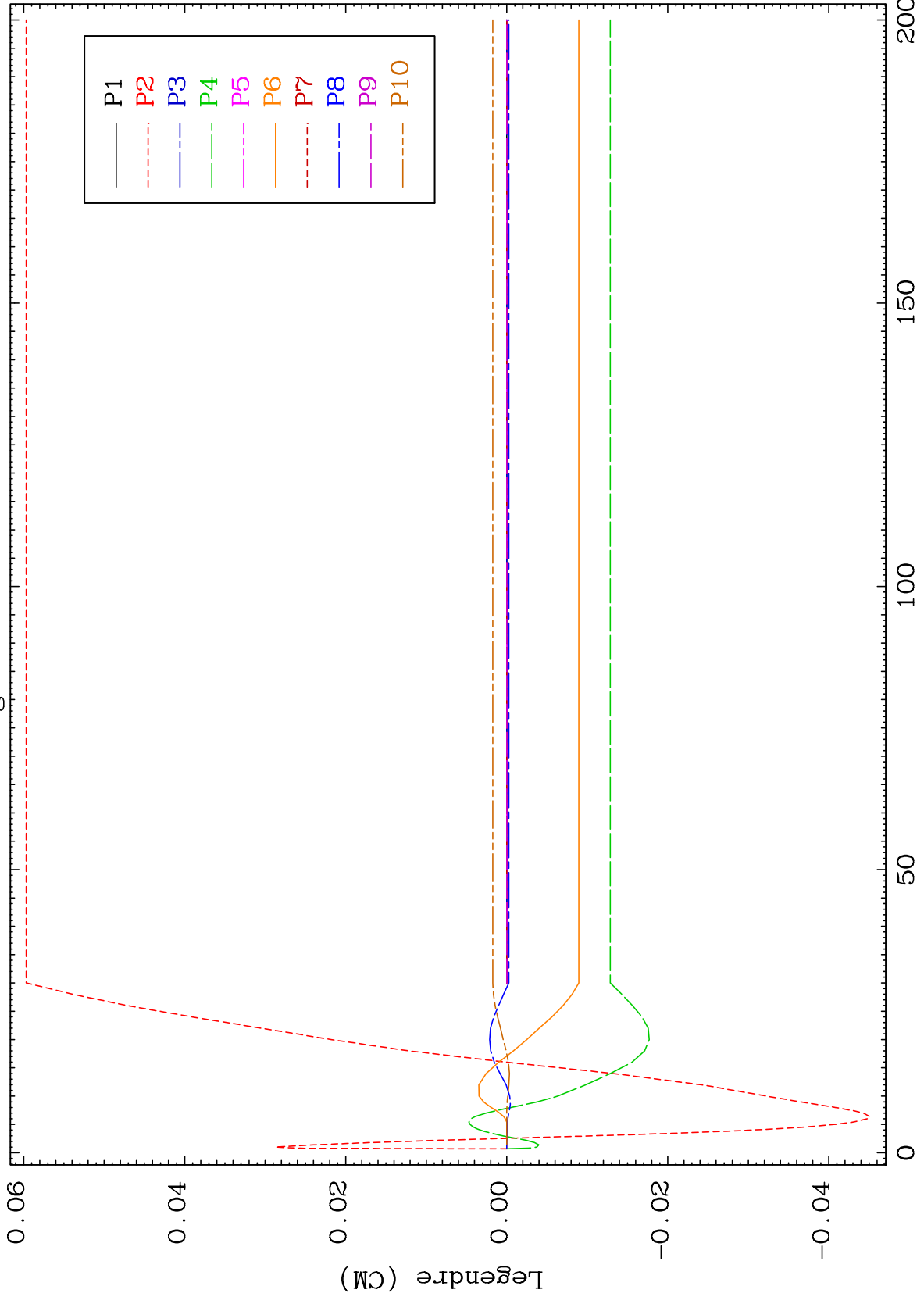
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

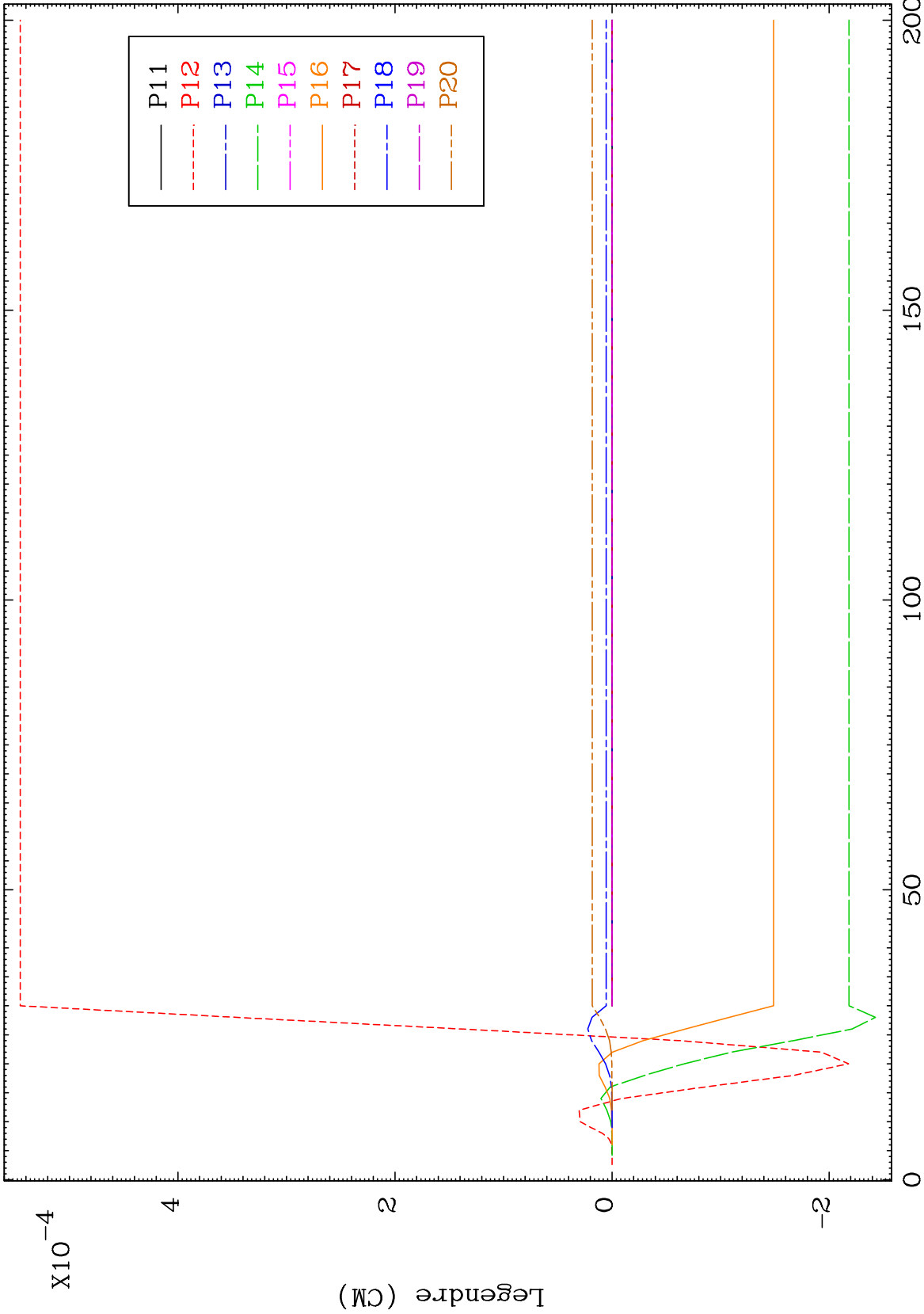
Incident Energy (MeV)

116

MAT 7834

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

78-Pt-193



117

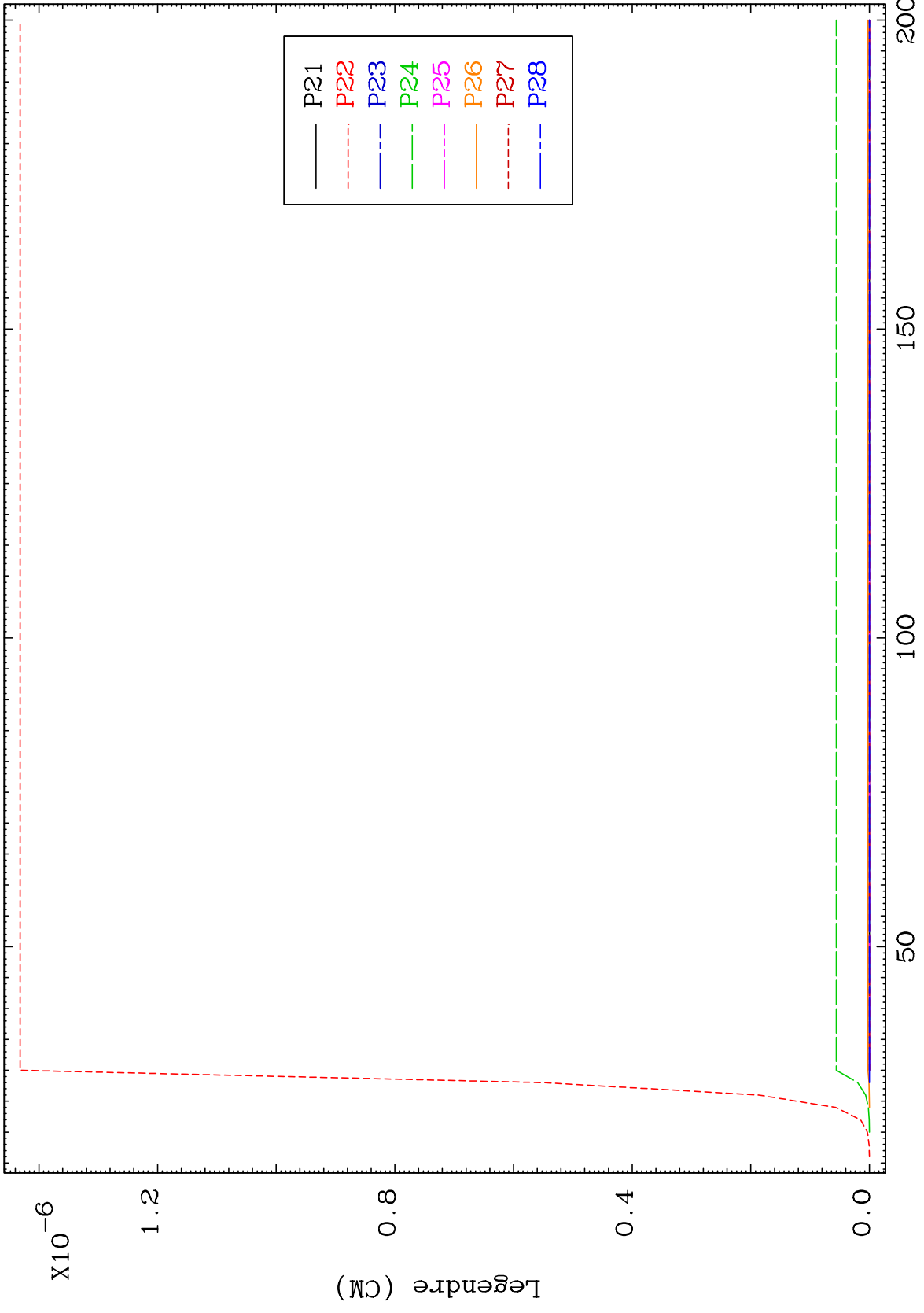
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



118

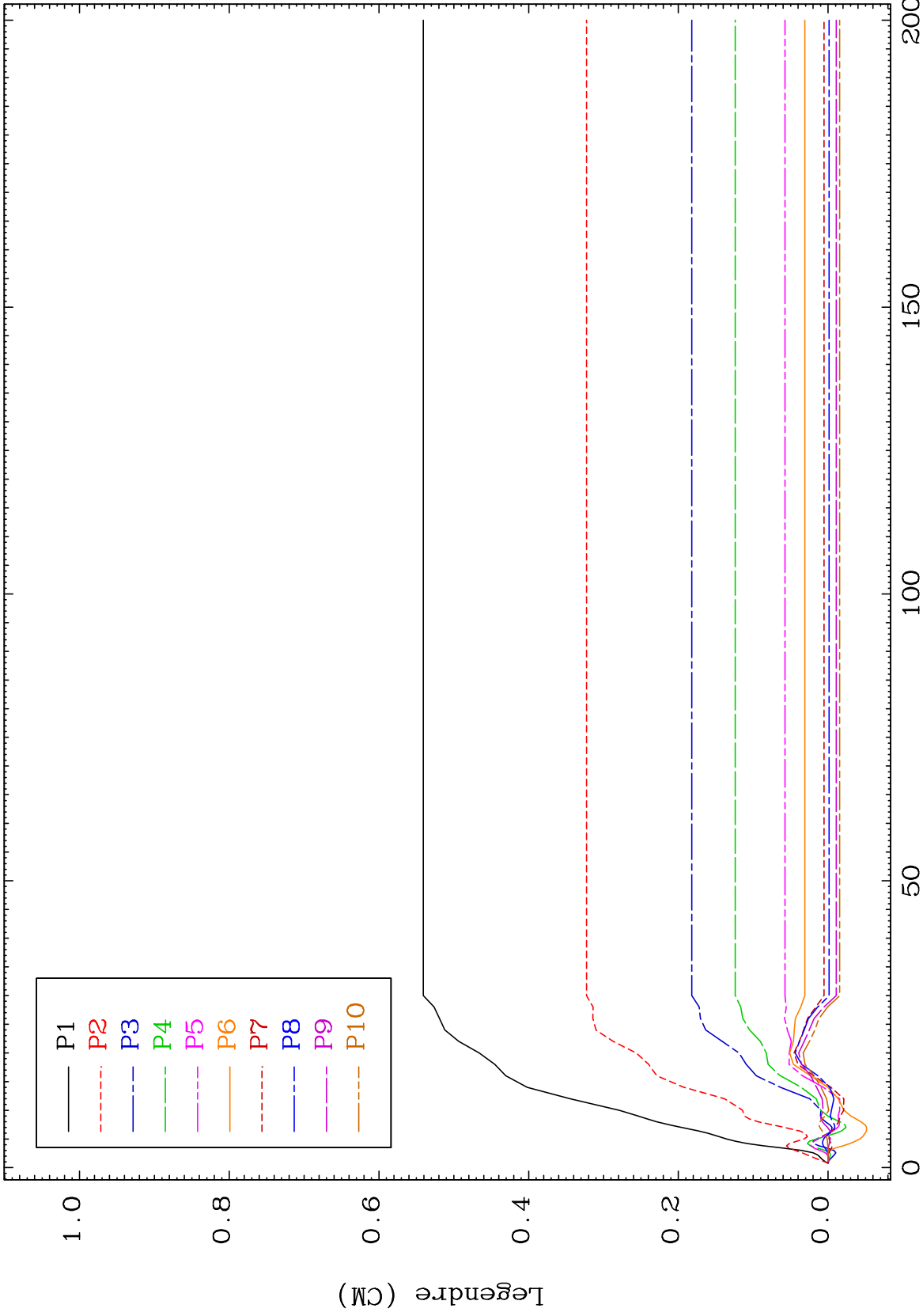
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



119

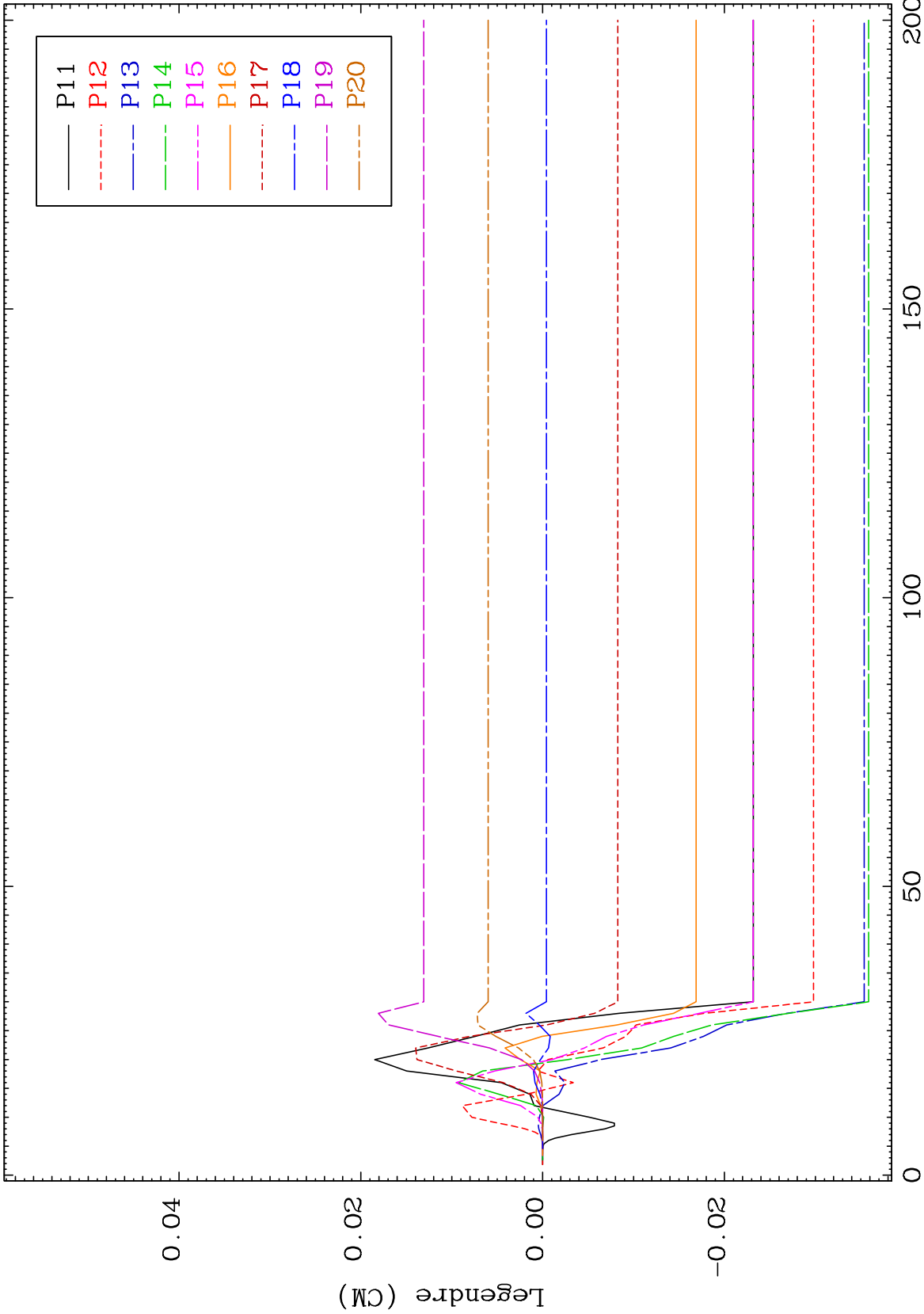
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



120

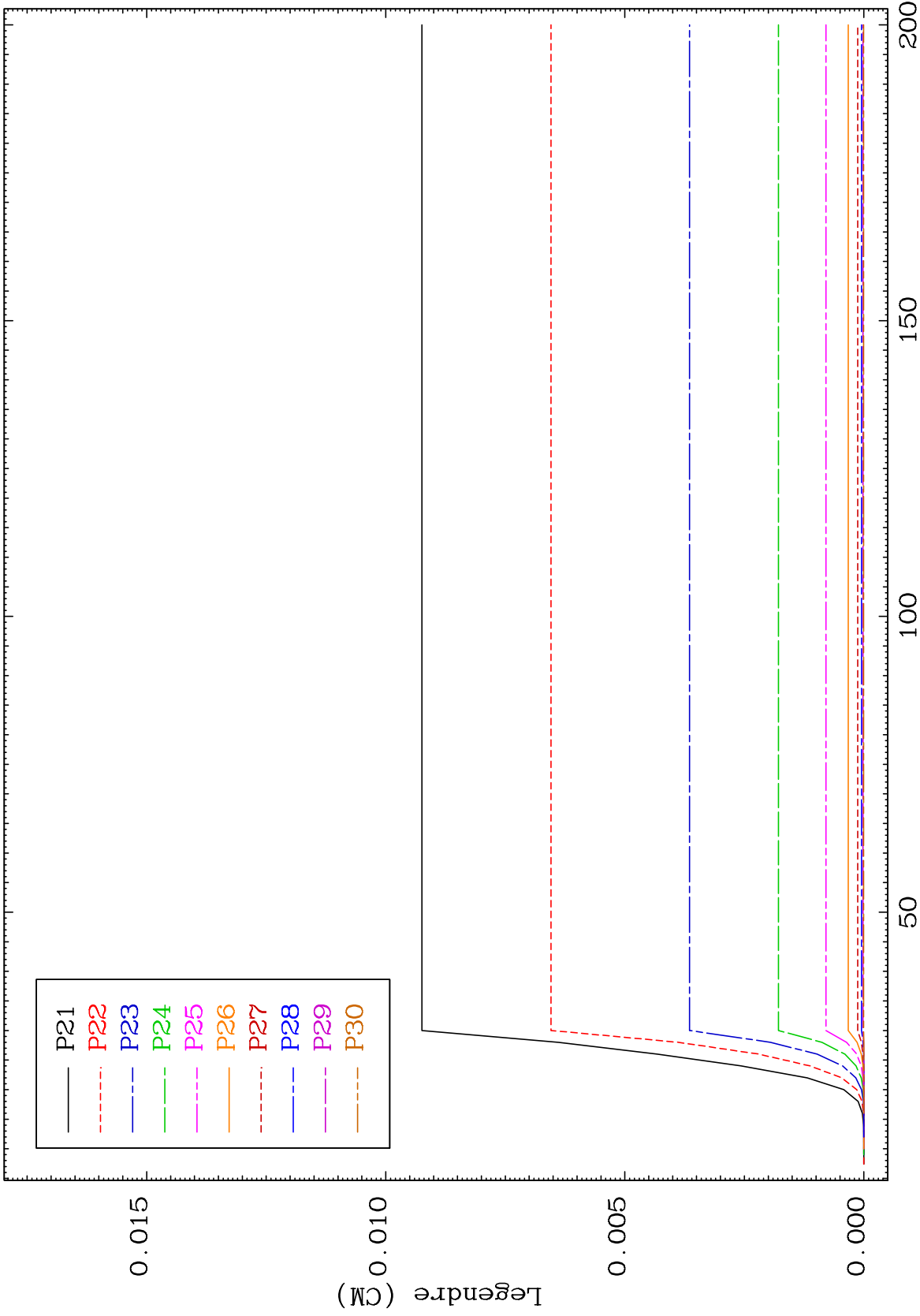
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



121

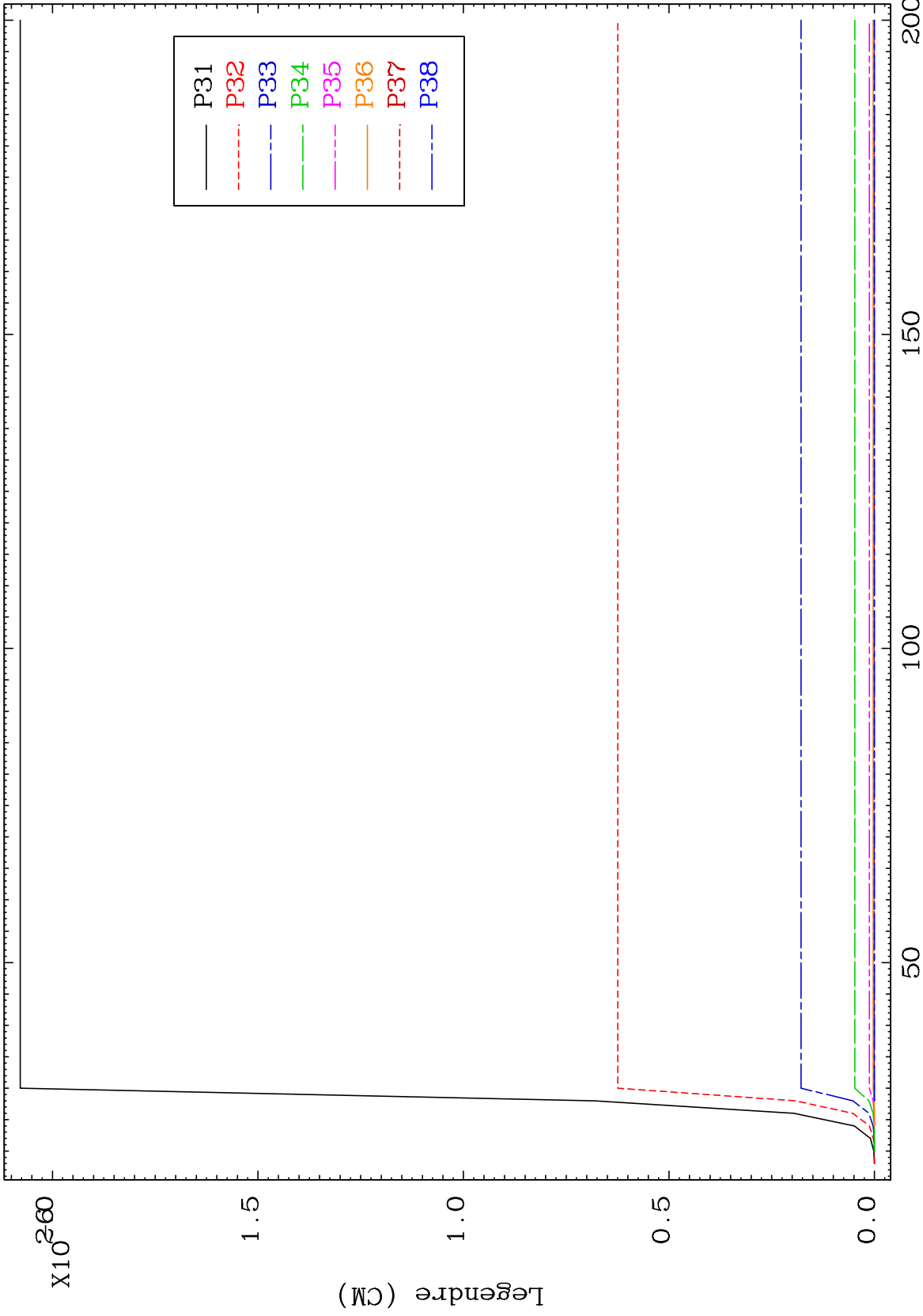
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



122

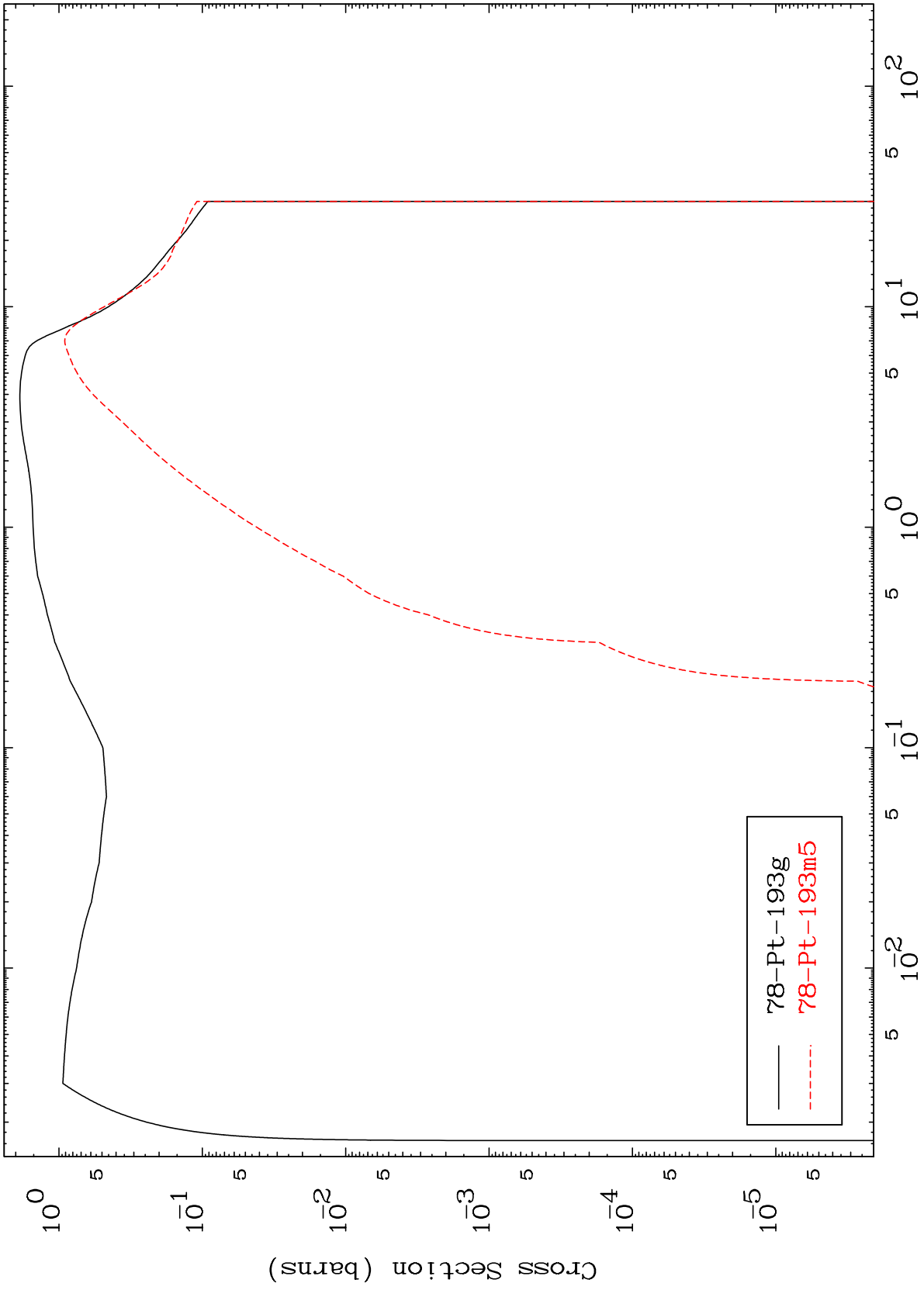
Incident Energy (MeV)

78-Pt-193

MAT 7834

78-Pt-193

Inelastic Radionuclide Production Cross Section



123

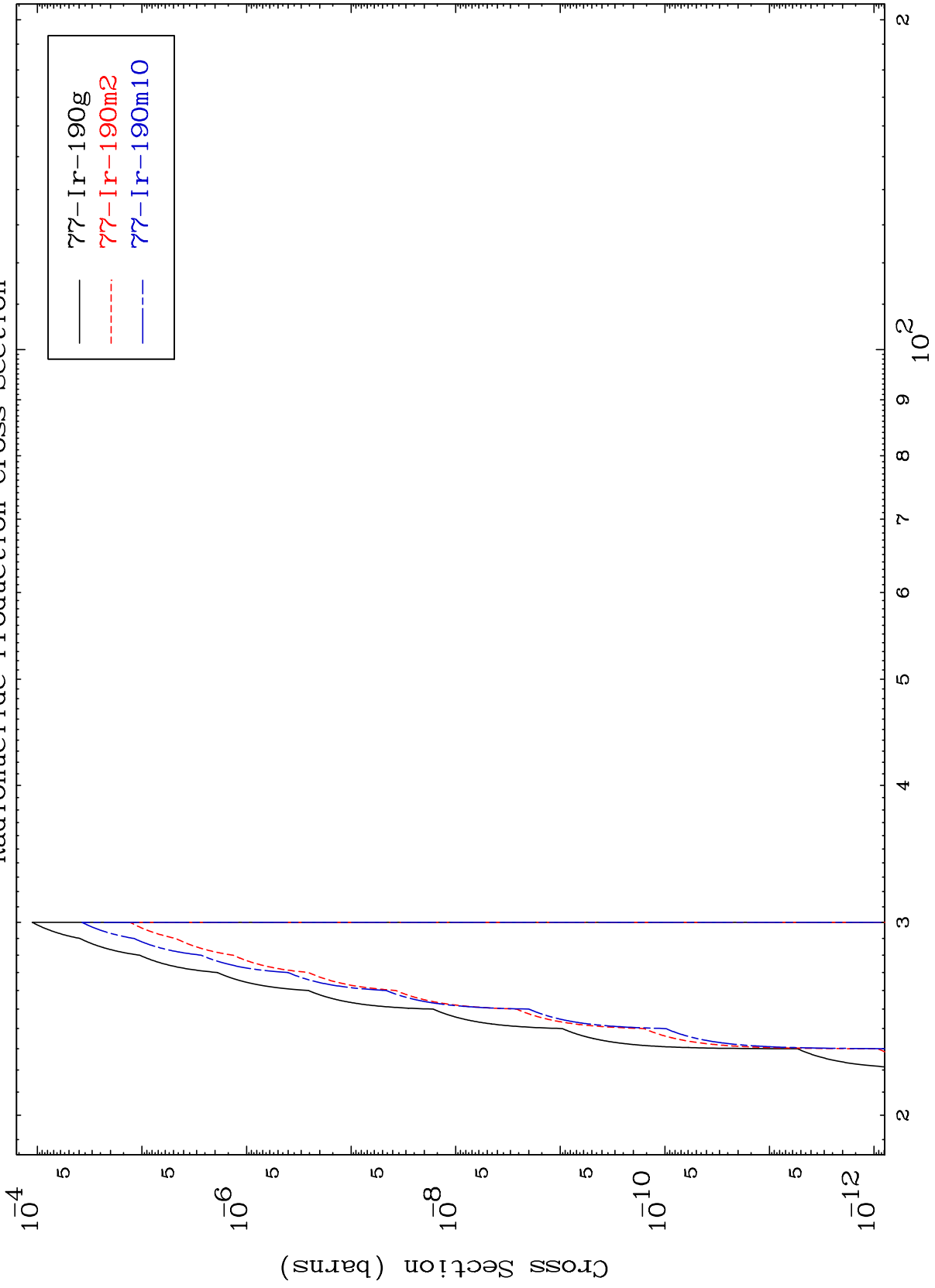
78-Pt-193

MAT 7834

(n,2n) d

78-Pt-193

Radionuclide Production Cross Section



124

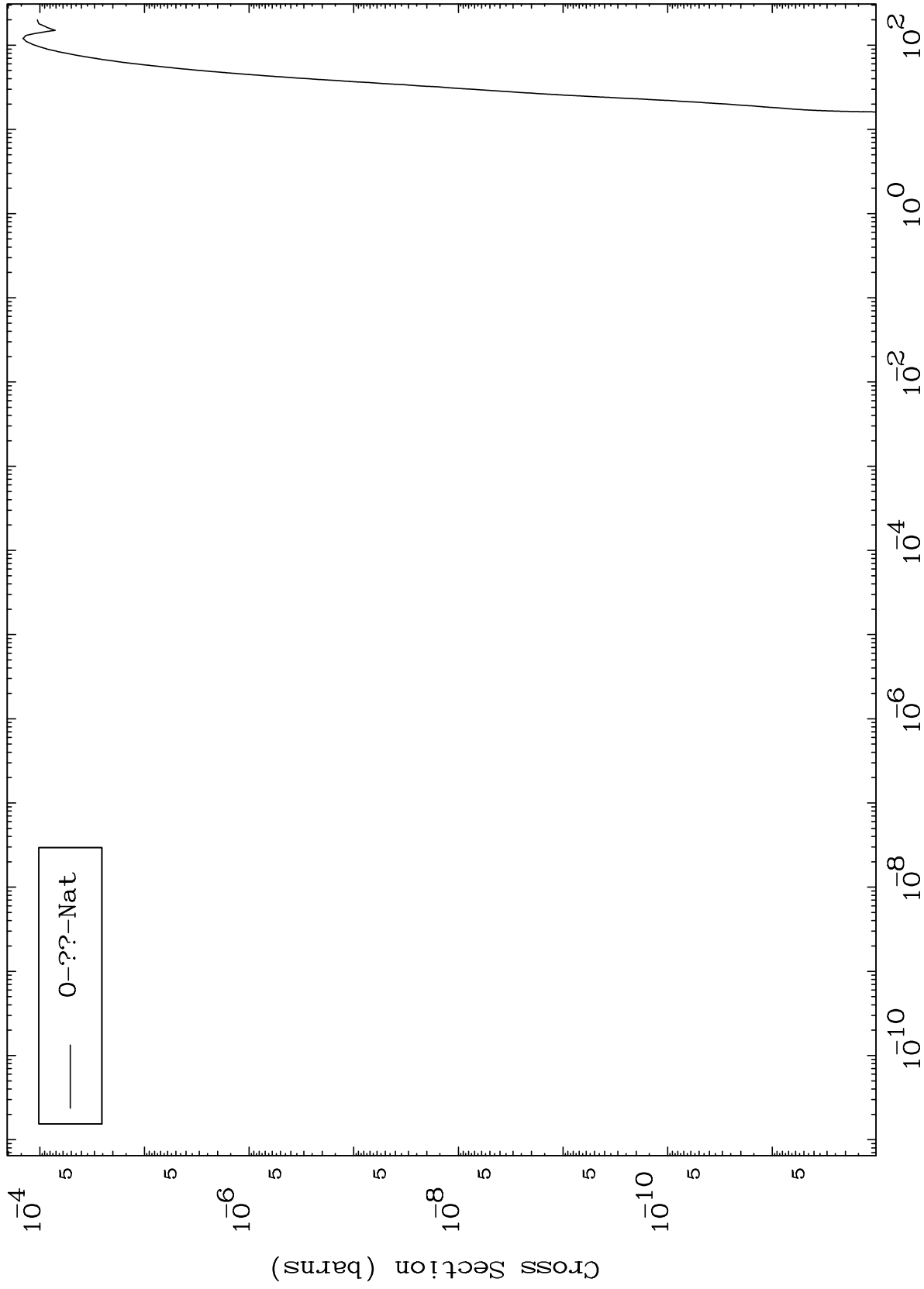
Incident Energy (MeV)

78-Pt-193

MAT 7834

Fission
Radionuclide Production Cross Section

78-Pt-193



125

Incident Energy (MeV)

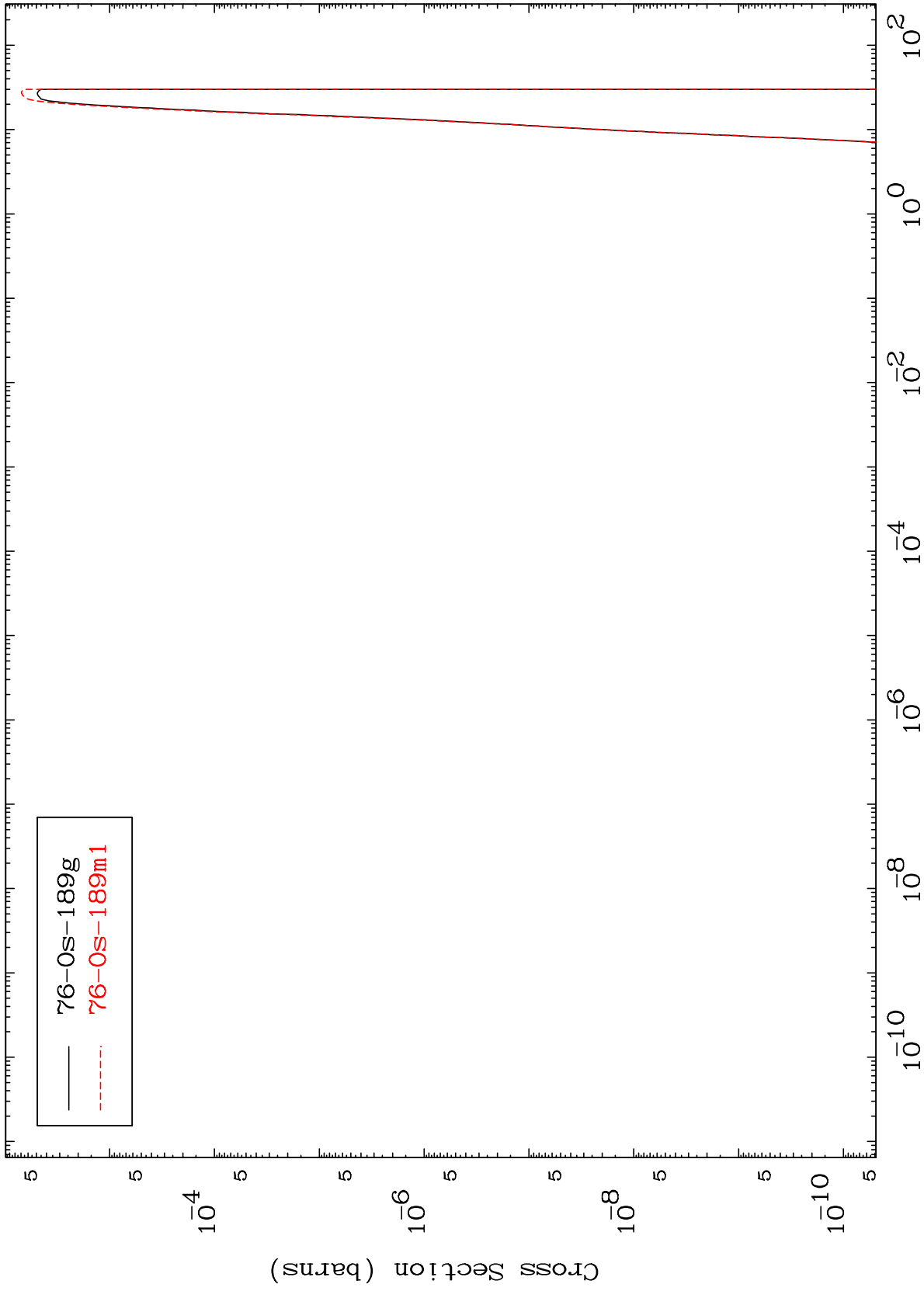
78-Pt-193

MAT 7834

(n,n') α

78-Pt-193

Radionuclide Production Cross Section



126

Incident Energy (MeV)

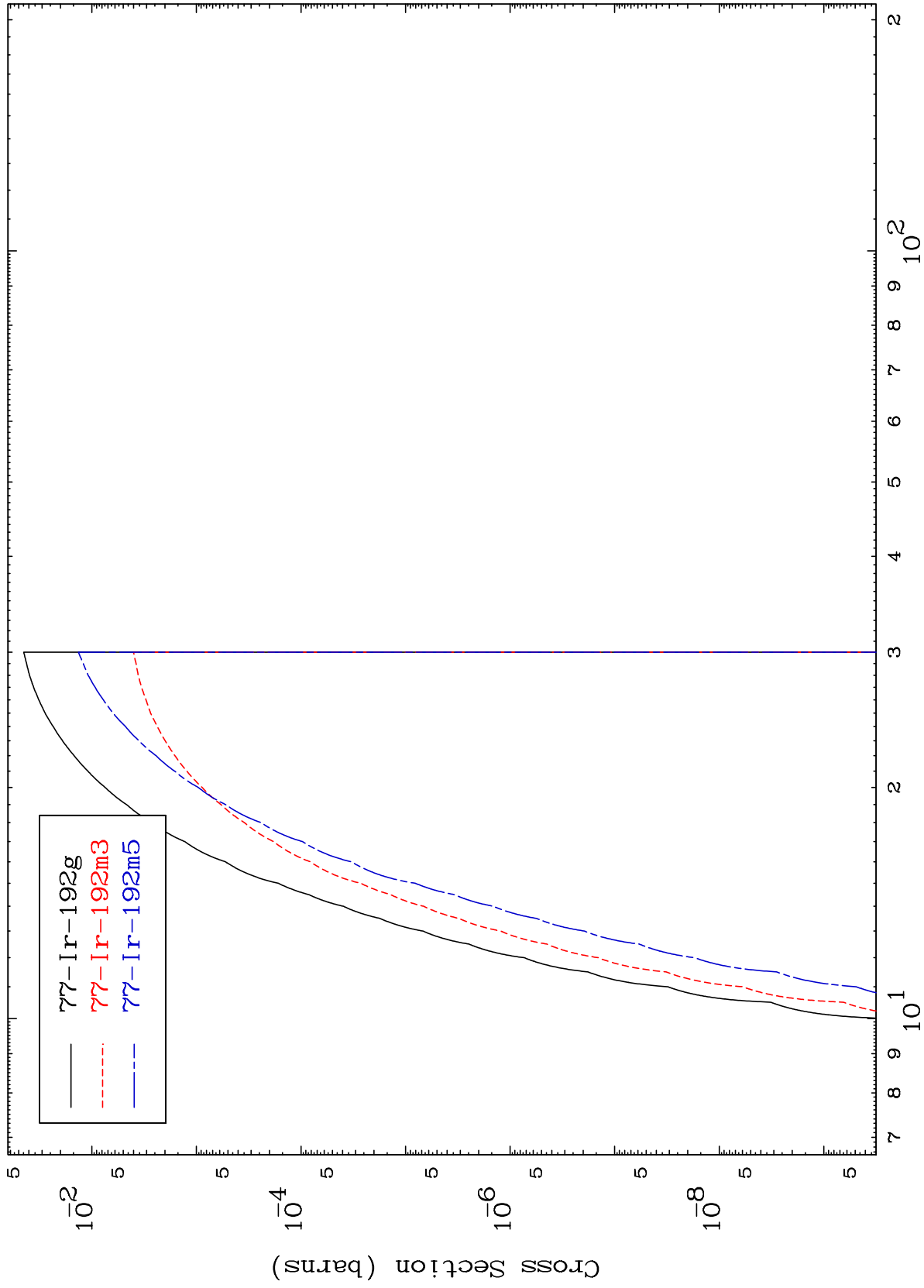
78-Pt-193

MAT 7834

(n,n') p

78-Pt-193

Radionuclide Production Cross Section

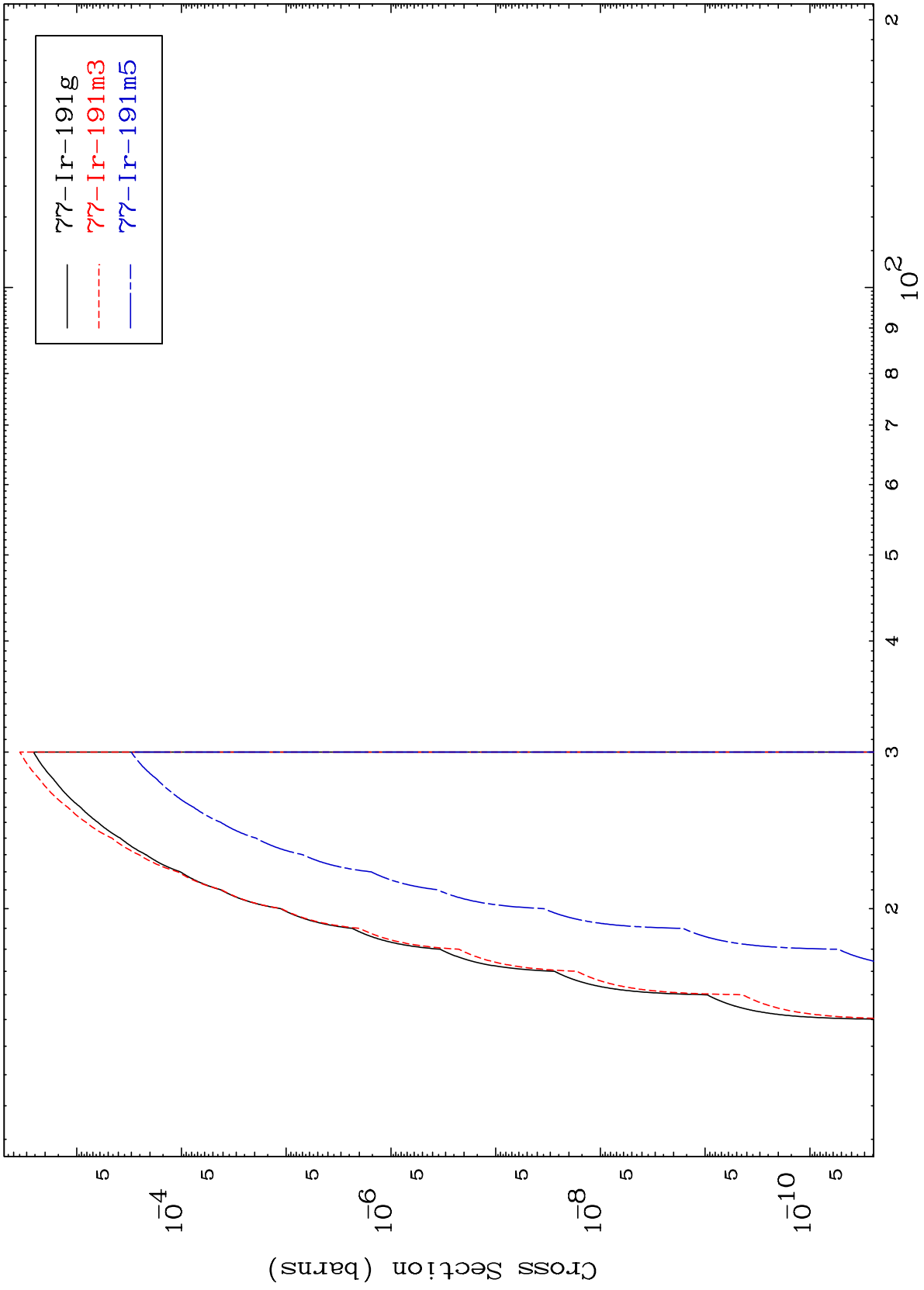


127

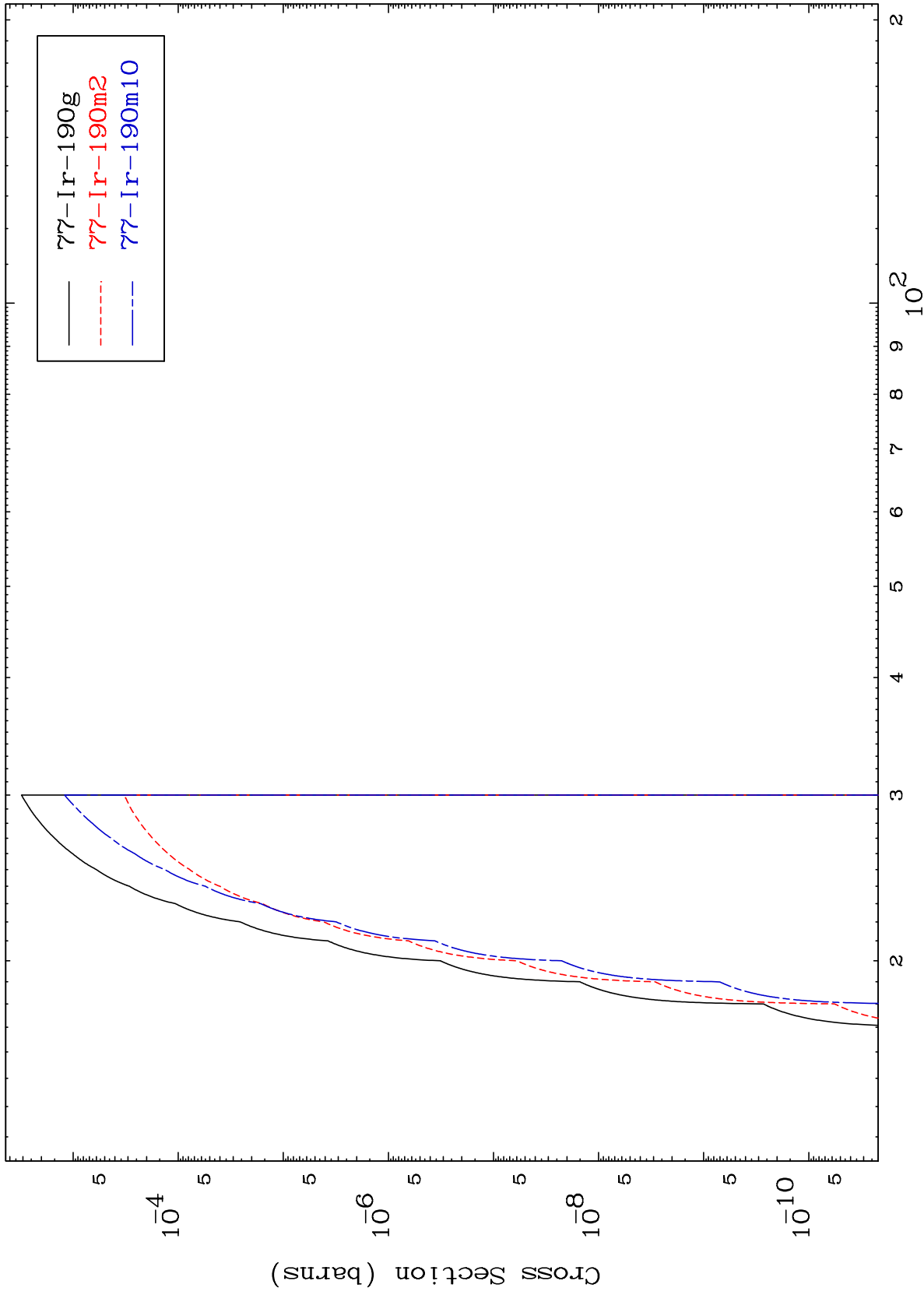
Incident Energy (MeV)

78-Pt-193

Radionuclide Production Cross Section



Radionuclide Production Cross Section

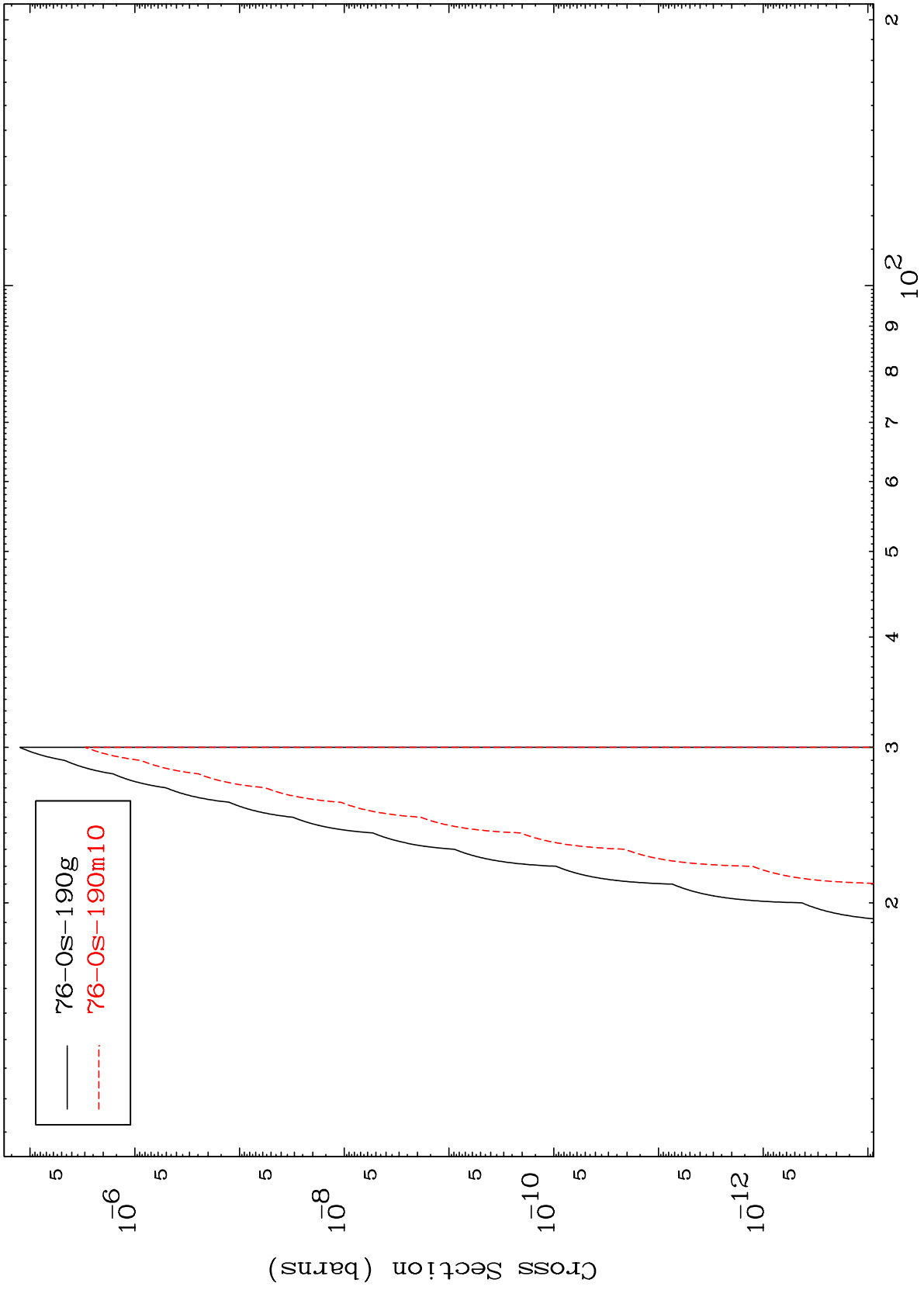


MAT 7834

(n, n') He-3

78-Pt-193

Radionuclide Production Cross Section



130

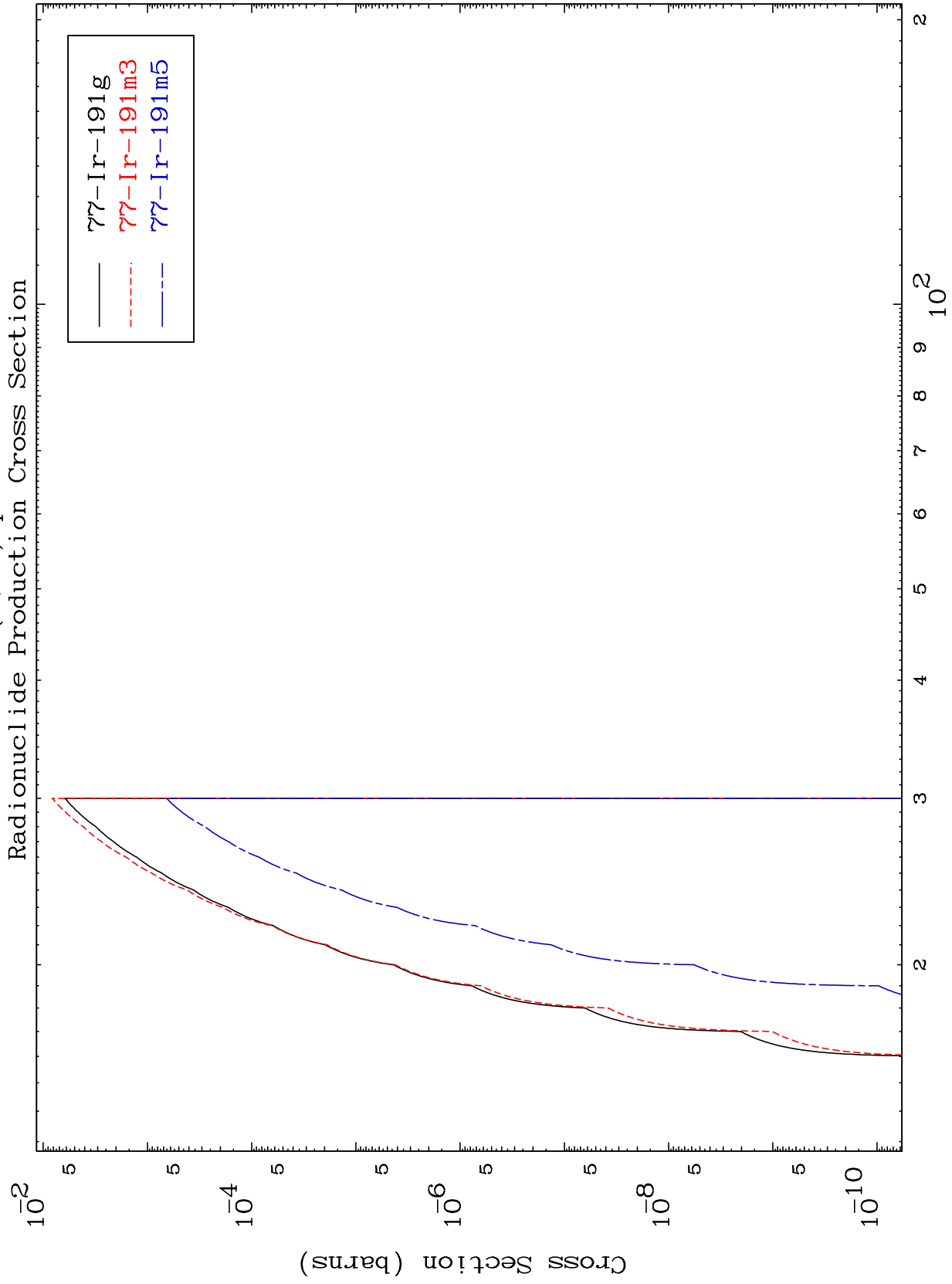
Incident Energy (MeV)

78-Pt-193

MAT 7834

(n,2n) p

78-Pt-193



131

Incident Energy (MeV)

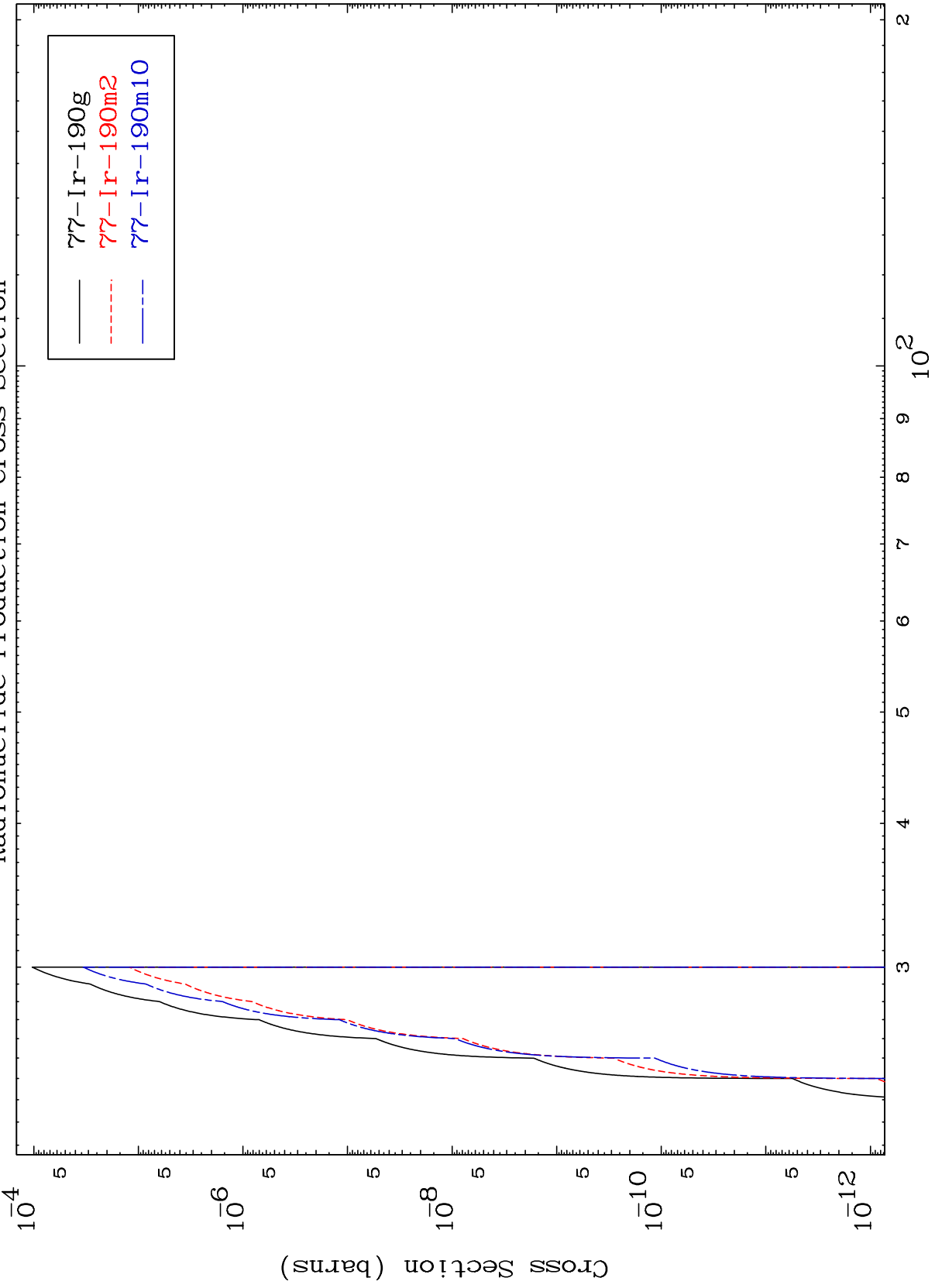
78-Pt-193

MAT 7834

(n,3n) p

78-Pt-193

Radionuclide Production Cross Section



132

Incident Energy (MeV)

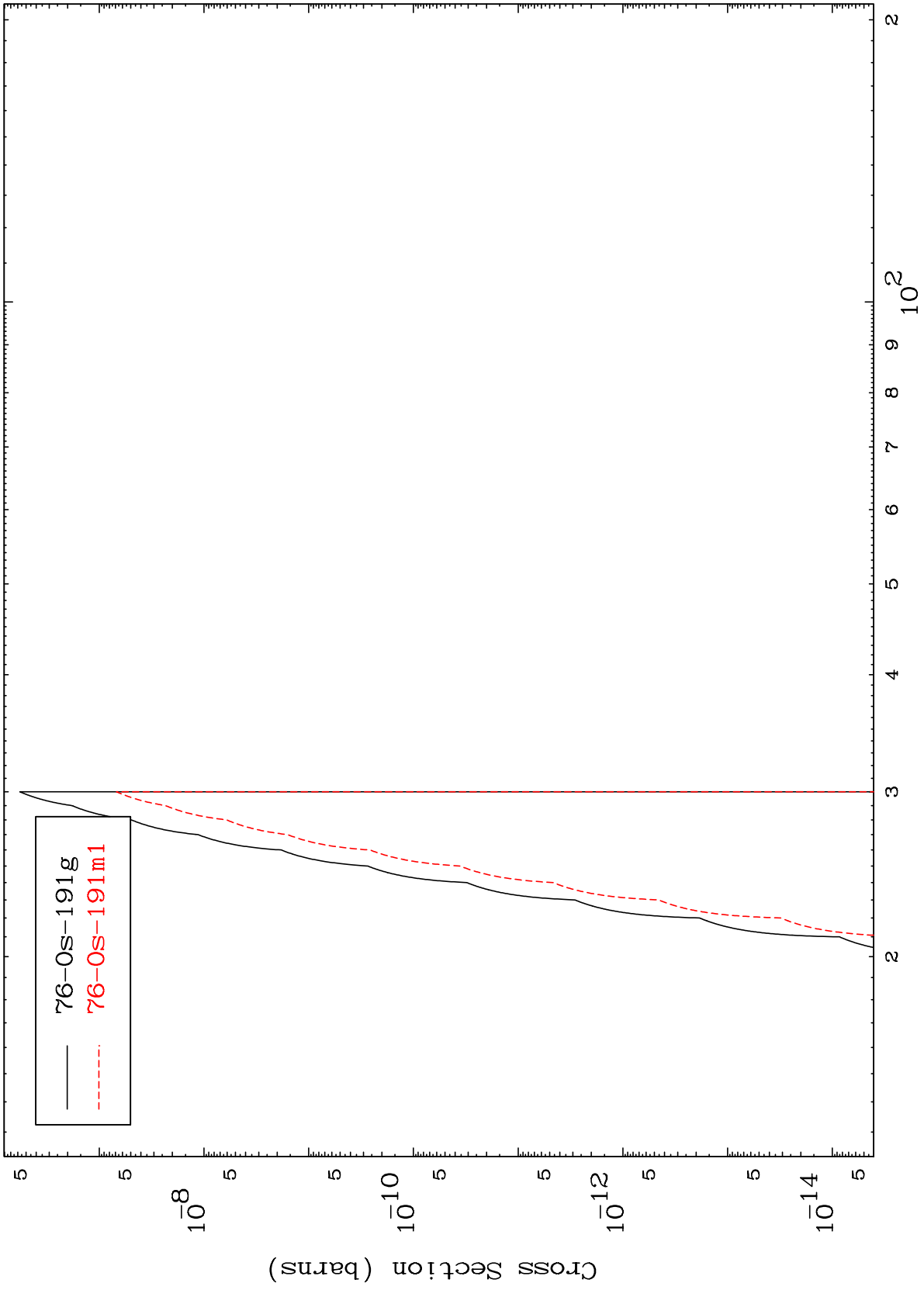
78-Pt-193

MAT 7834

(n,2n) p

78-Pt-193

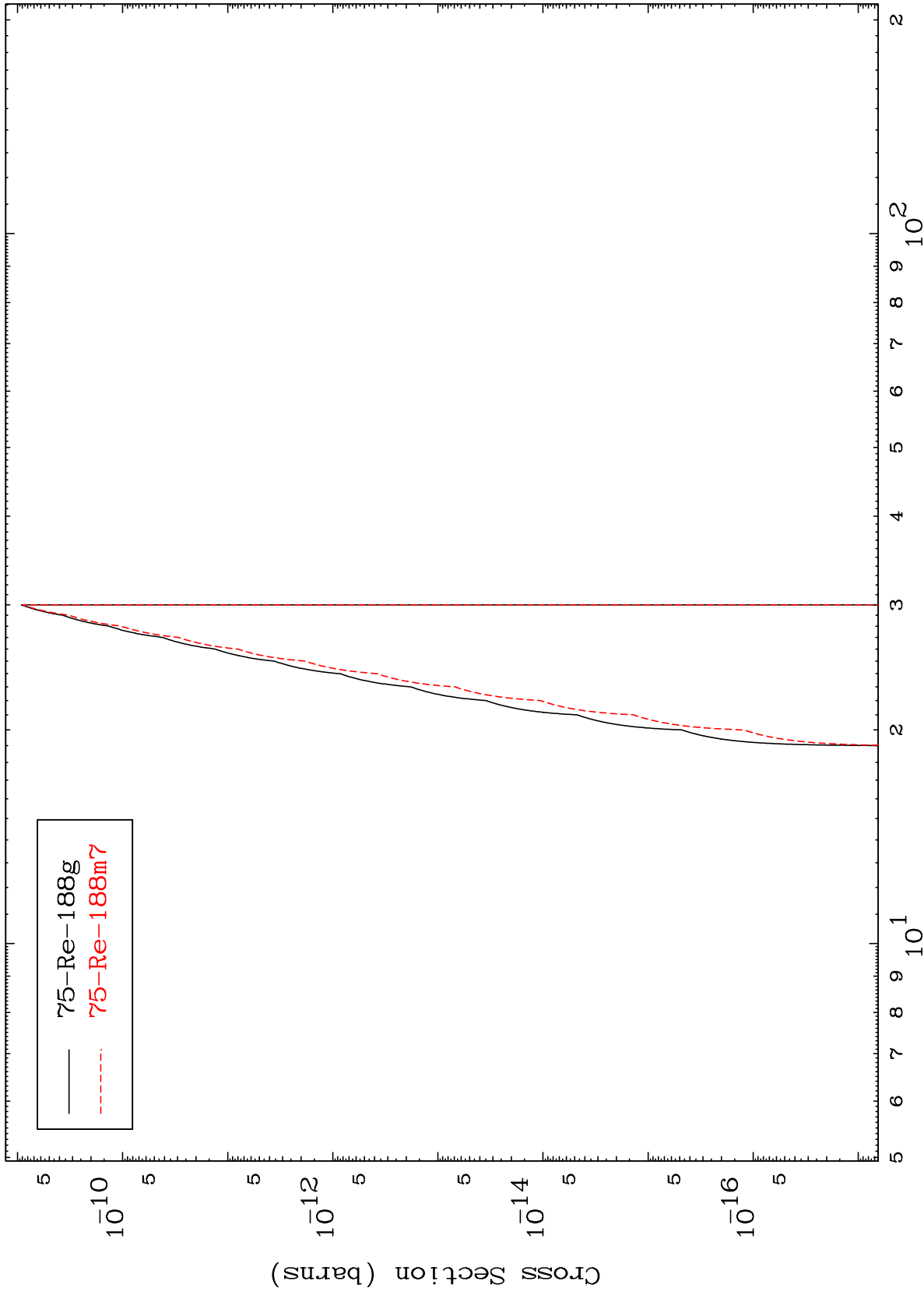
Radionuclide Production Cross Section



MAT 7834

78-Pt-193

(n,n') p α
Radionuclide Production Cross Section



134

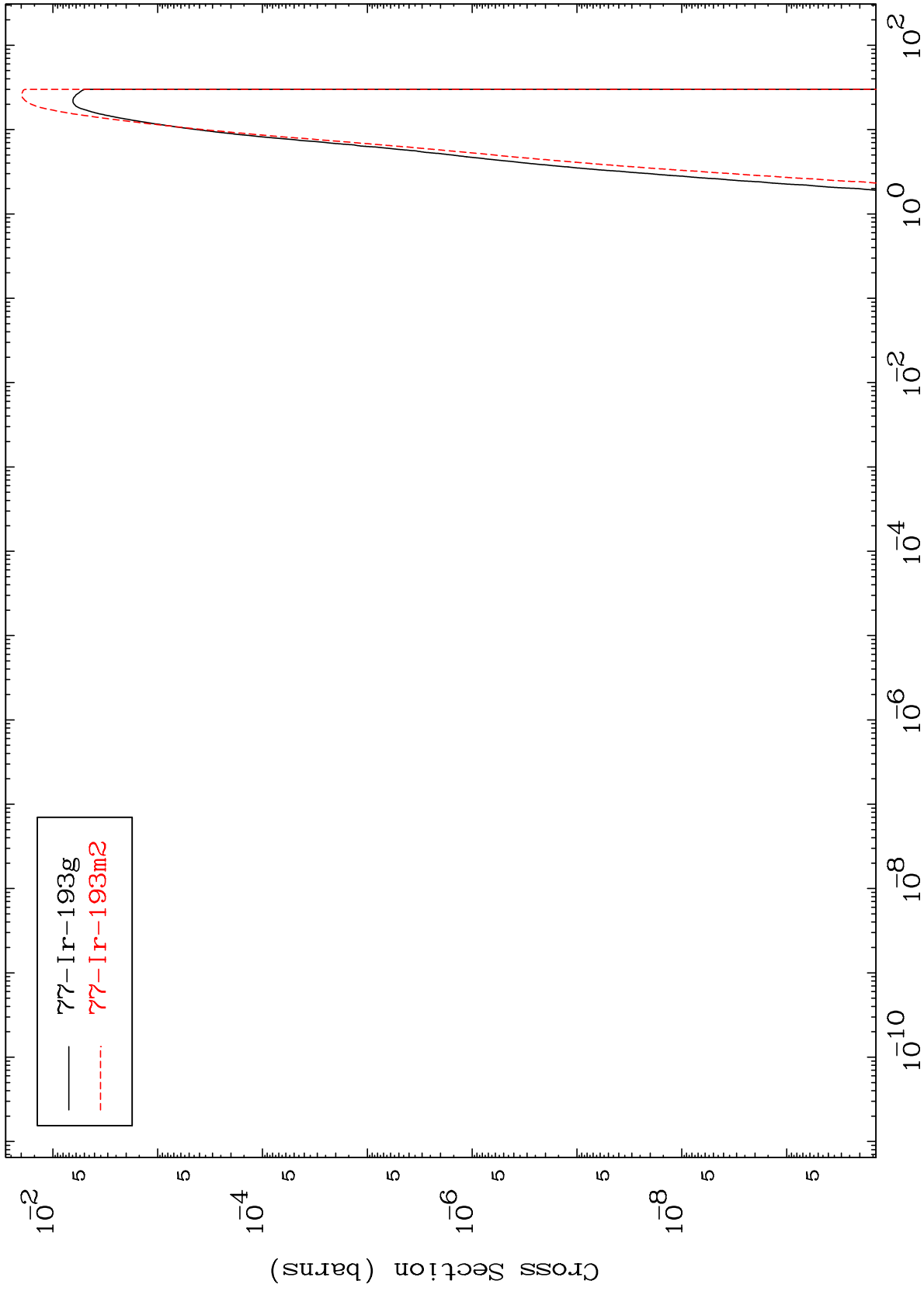
78-Pt-193

MAT 7834

(n,p)

78-Pt-193

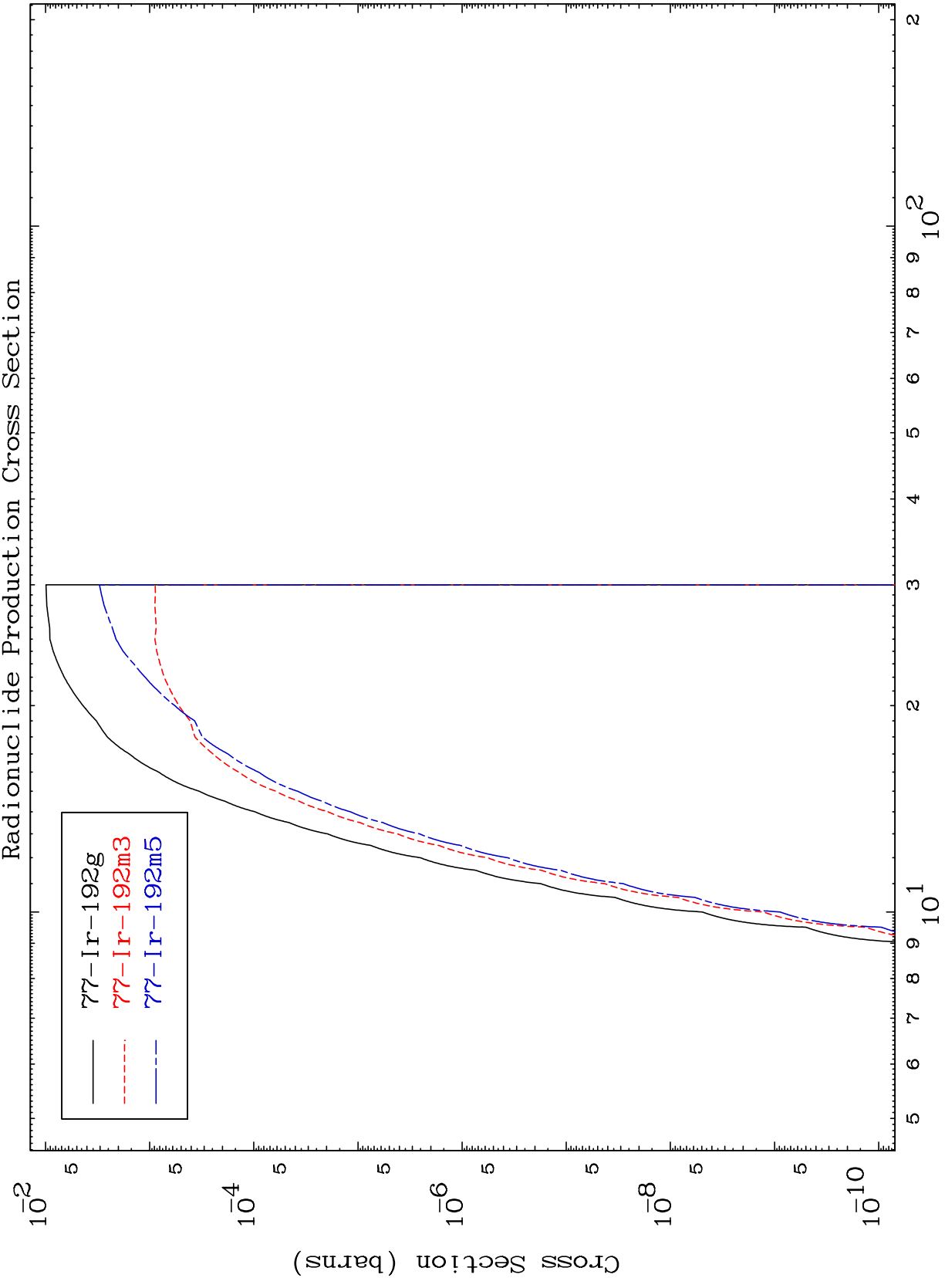
Radionuclide Production Cross Section



MAT 7834

78-Pt-193

Radionuclide Production Cross Section (n,d)



136

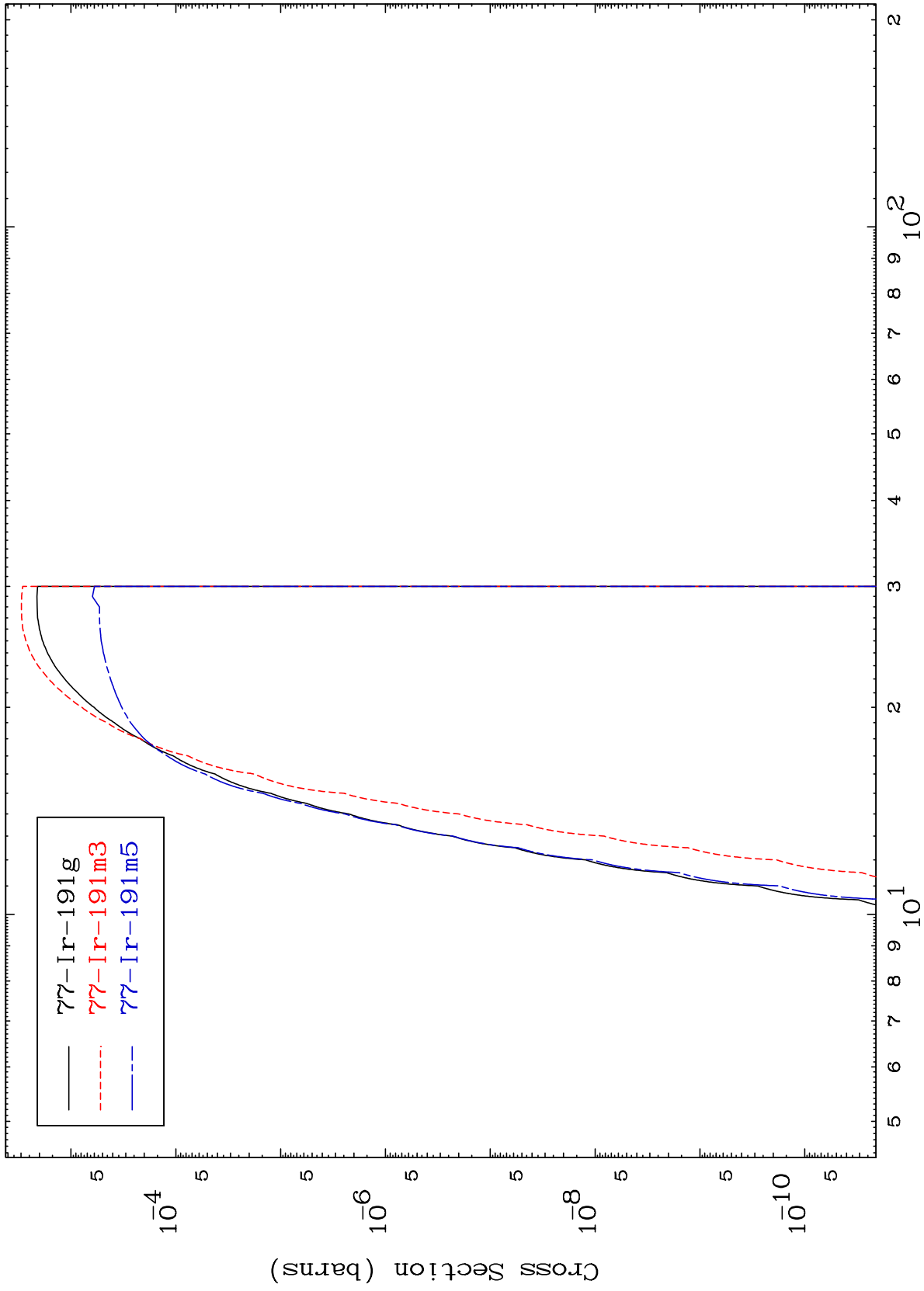
78-Pt-193

Incident Energy (MeV)

MAT 7834

78-Pt-193

(n, t)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

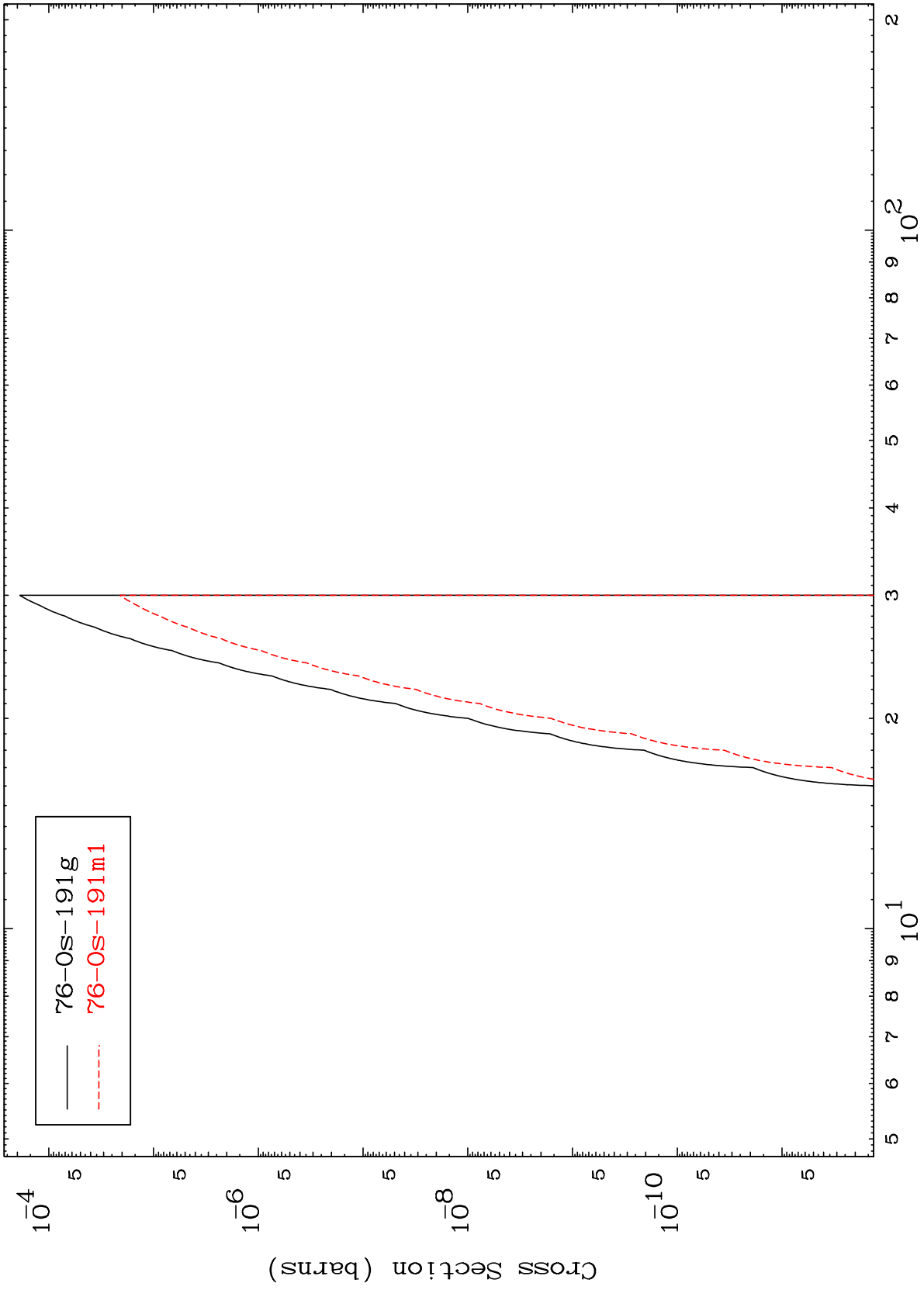
78-Pt-193

MAT 7834

(n, He-3)

78-Pt-193

Radionuclide Production Cross Section



138

Incident Energy (MeV)

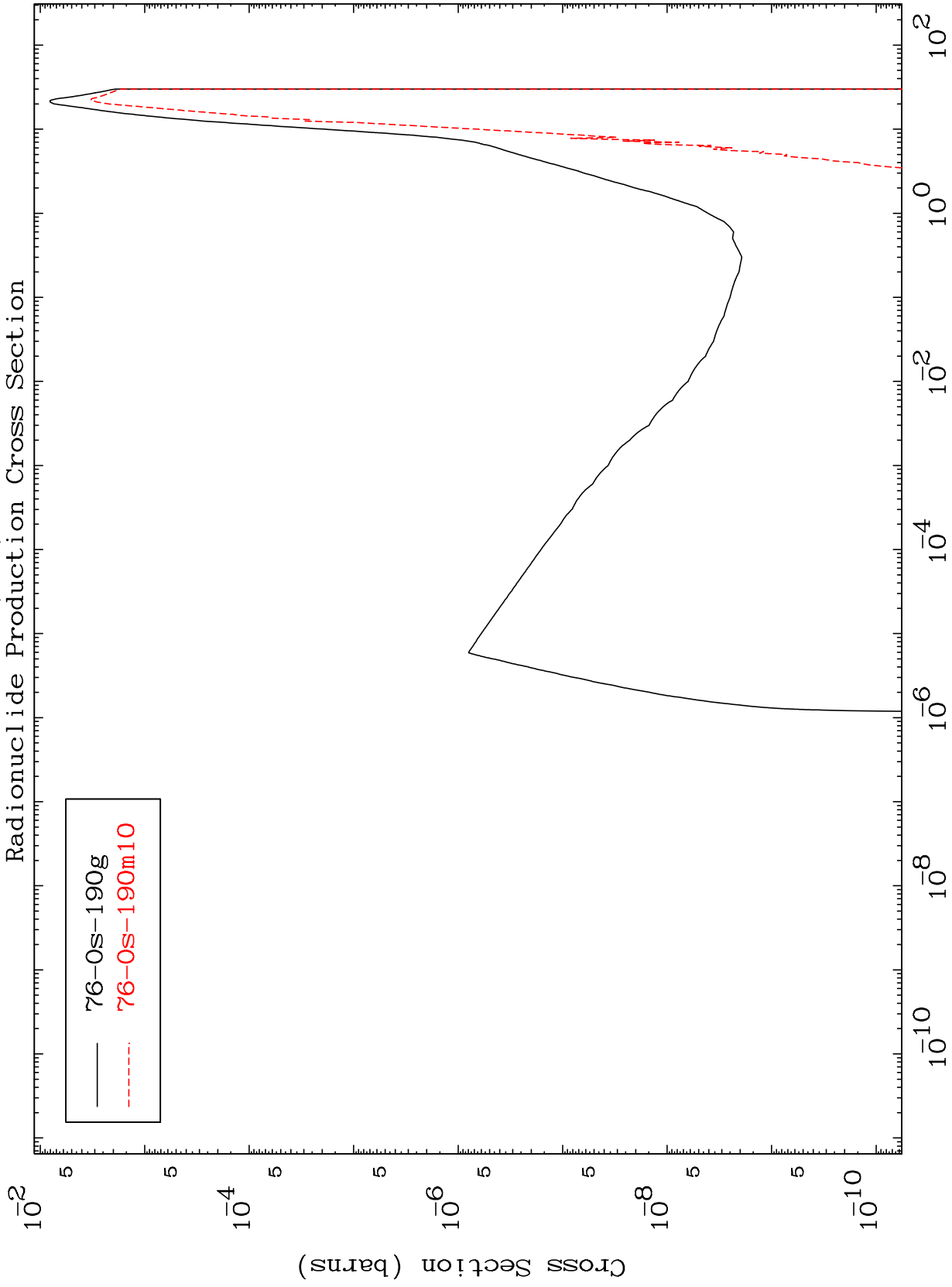
78-Pt-193

MAT 7834

(n,α)

78-Pt-193

Radionuclide Production Cross Section



139

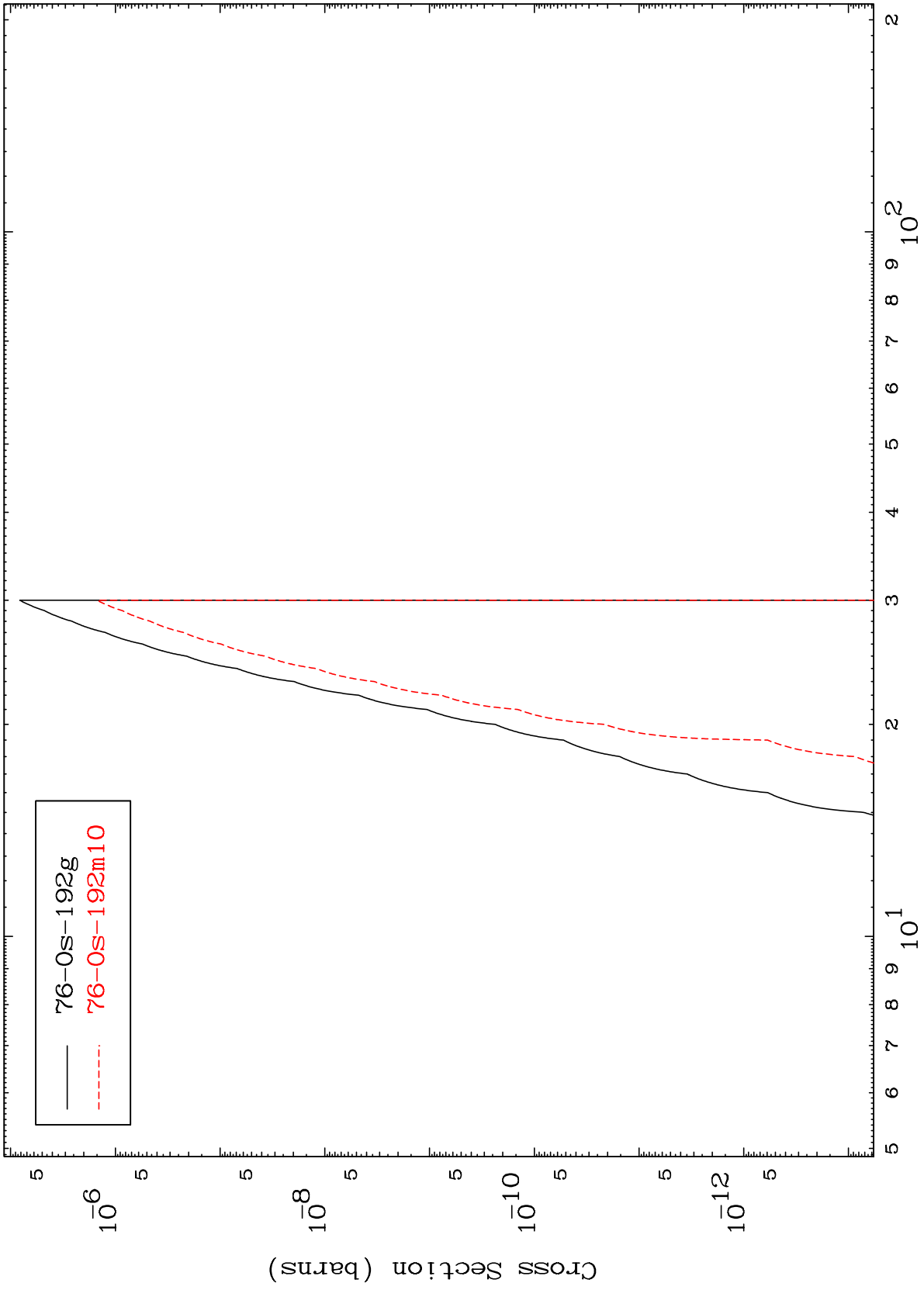
Incident Energy (MeV)

78-Pt-193

MAT 7834

Radionuclide Production Cross Section
(n,2p)

78-Pt-193



140

Incident Energy (MeV)

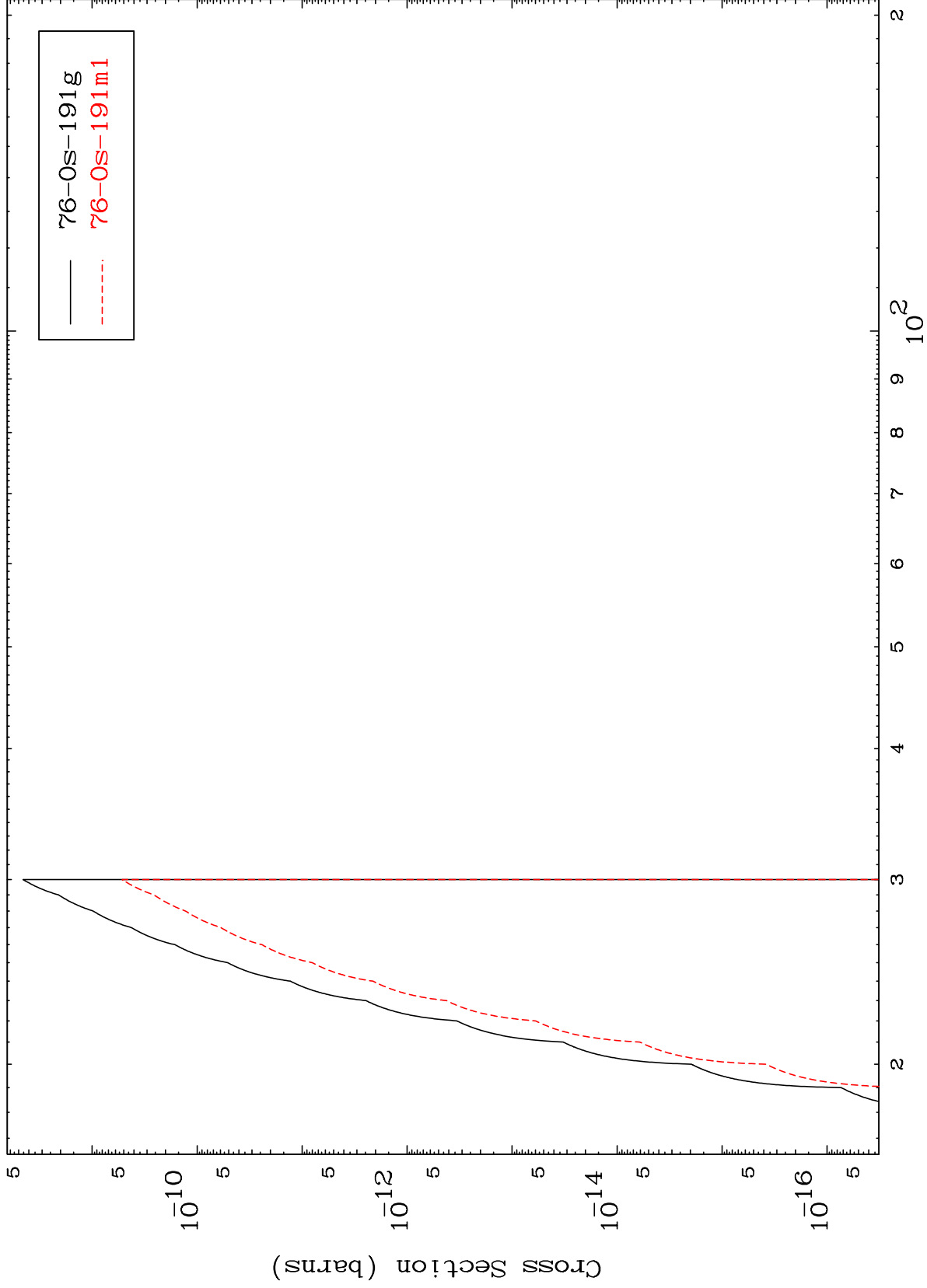
78-Pt-193

MAT 7834

(n,p) d

78-Pt-193

Radionuclide Production Cross Section



141

Incident Energy (MeV)

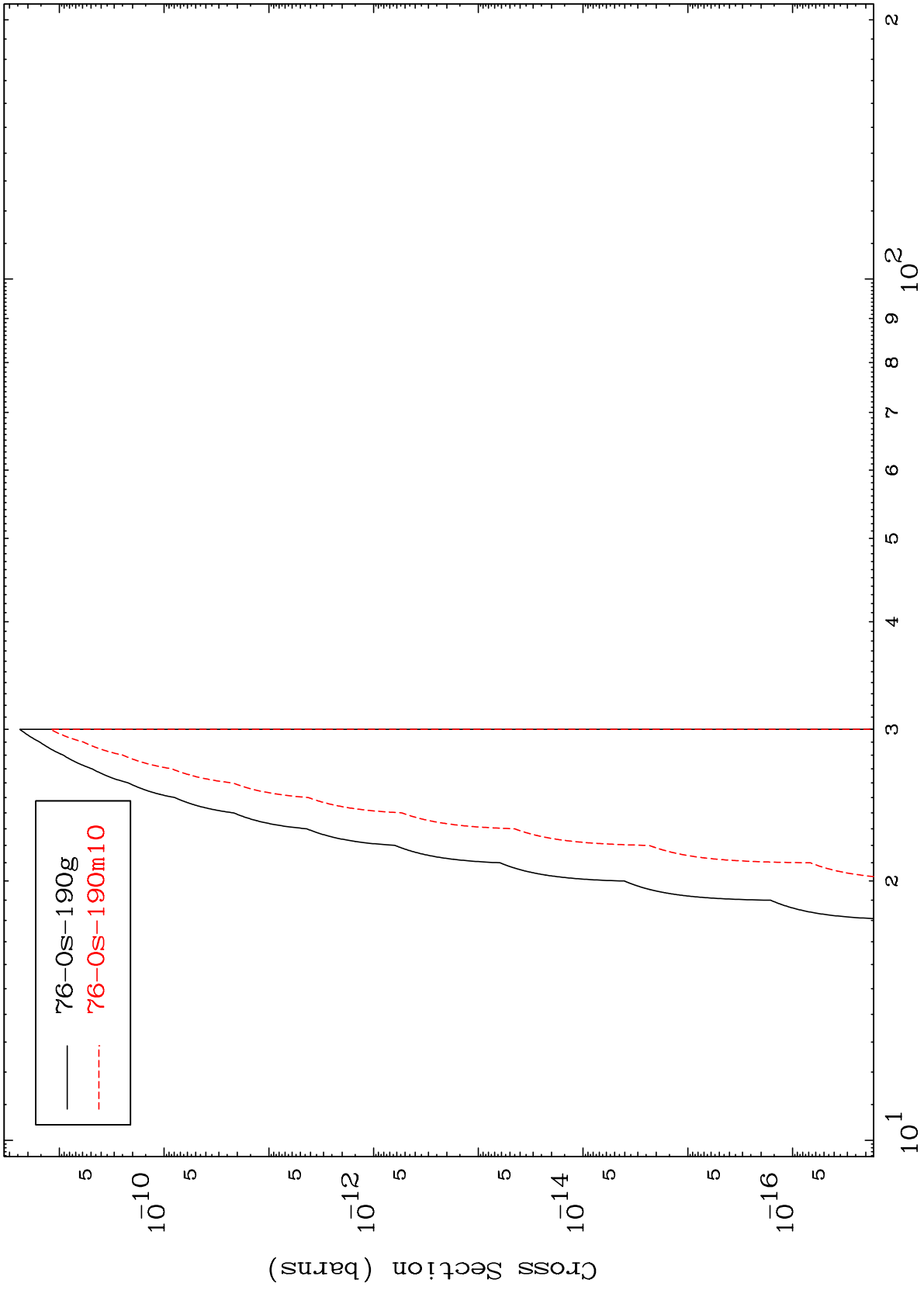
78-Pt-193

MAT 7834

(n,p) t

78-Pt-193

Radionuclide Production Cross Section



142

Incident Energy (MeV)

78-Pt-193