

Program EVALPLOT
(Version 2018-1)

by

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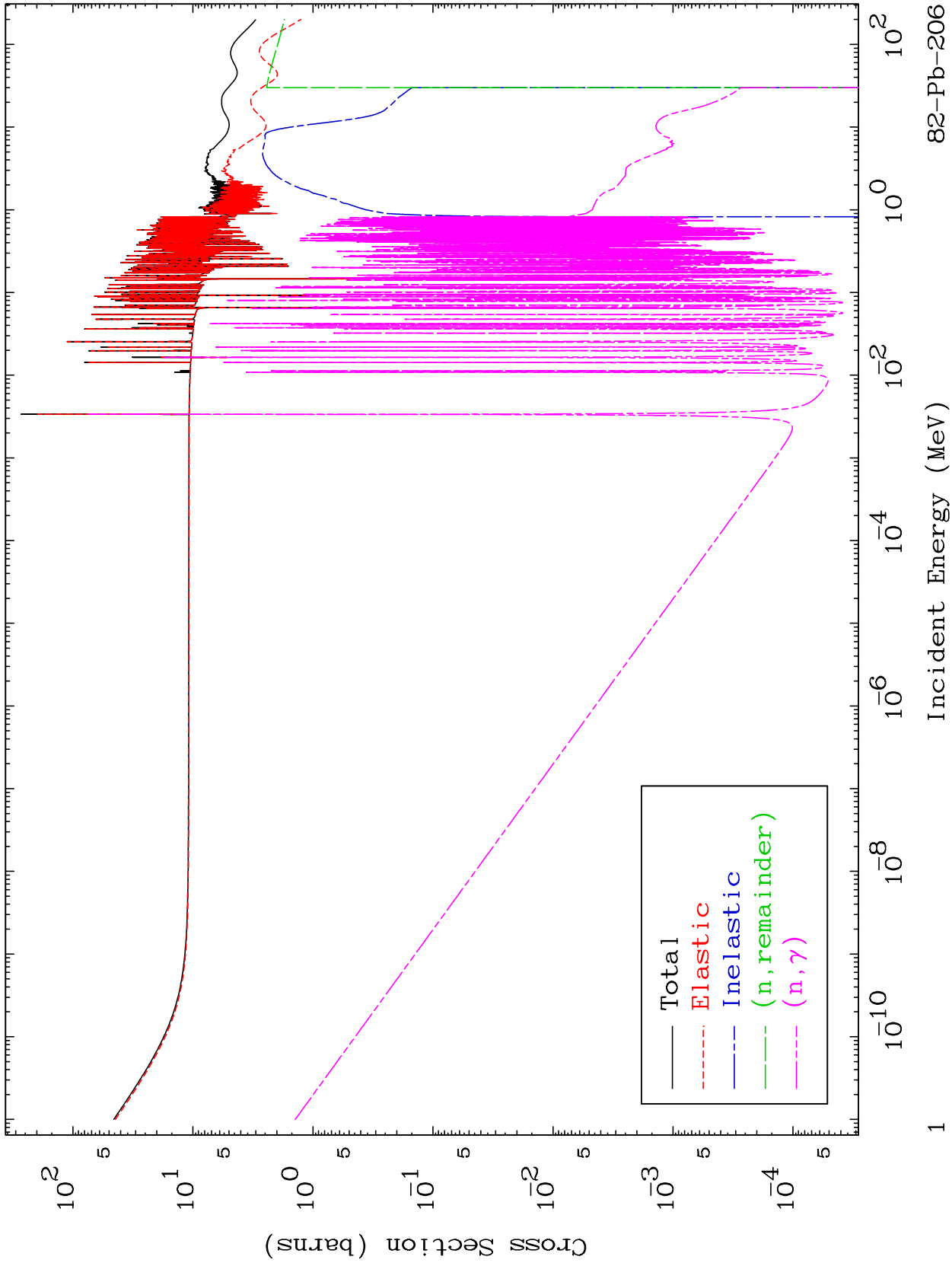
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8231

Major
293 Kelvin Cross Sections

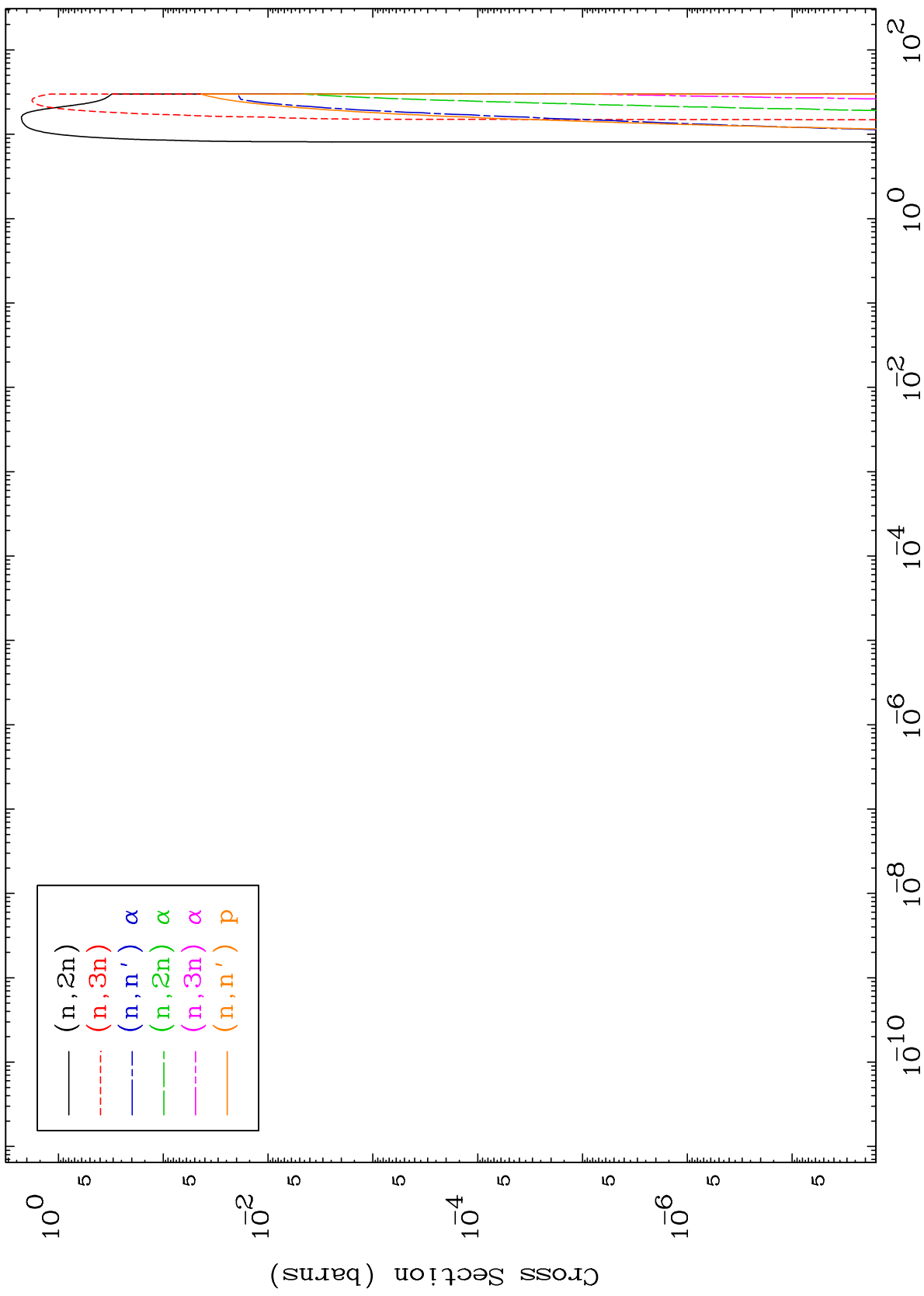
82-Pb-206



MAT 8231

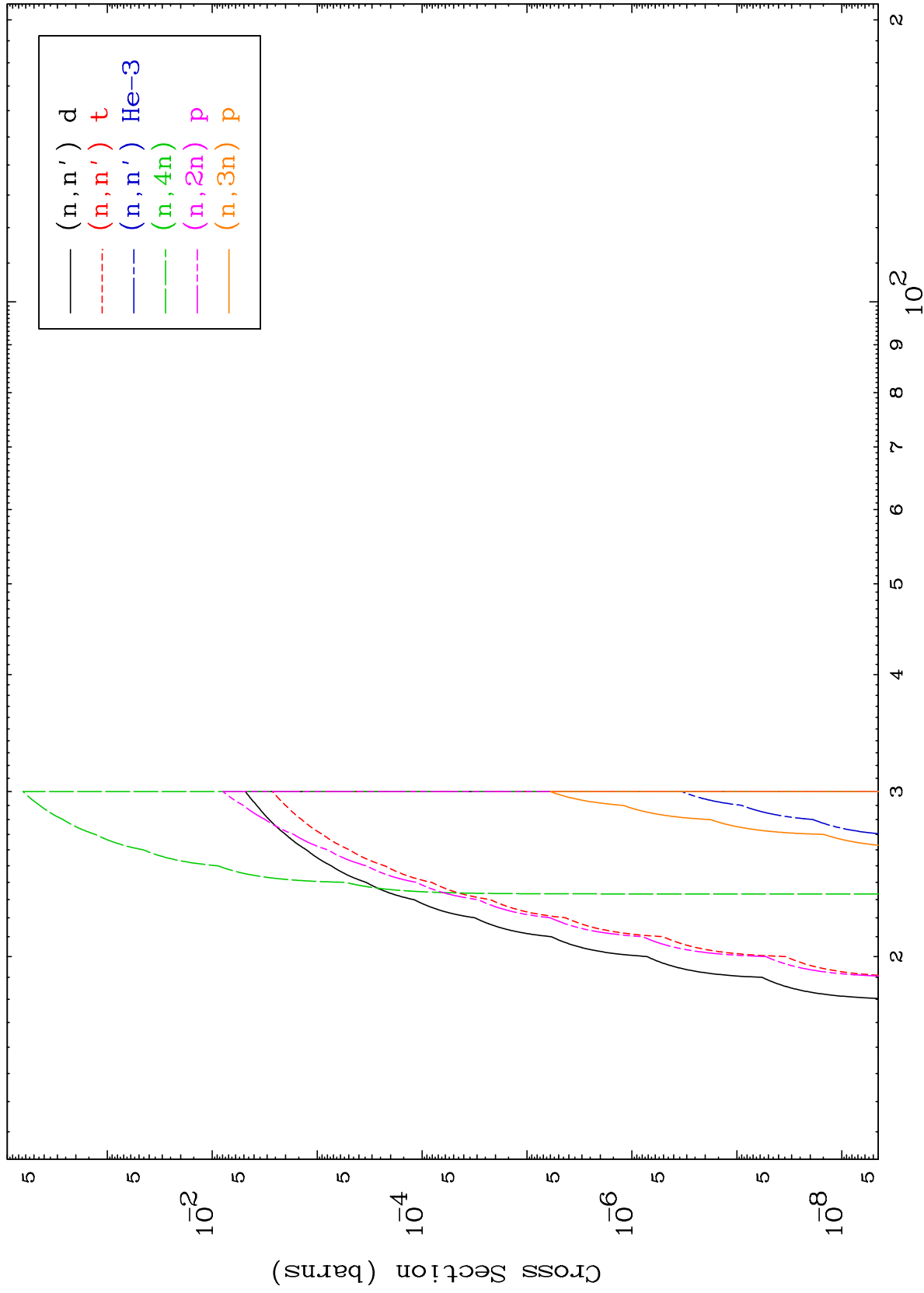
Neutron Production
293 Kelvin Cross Sections

82-Pb-206



2

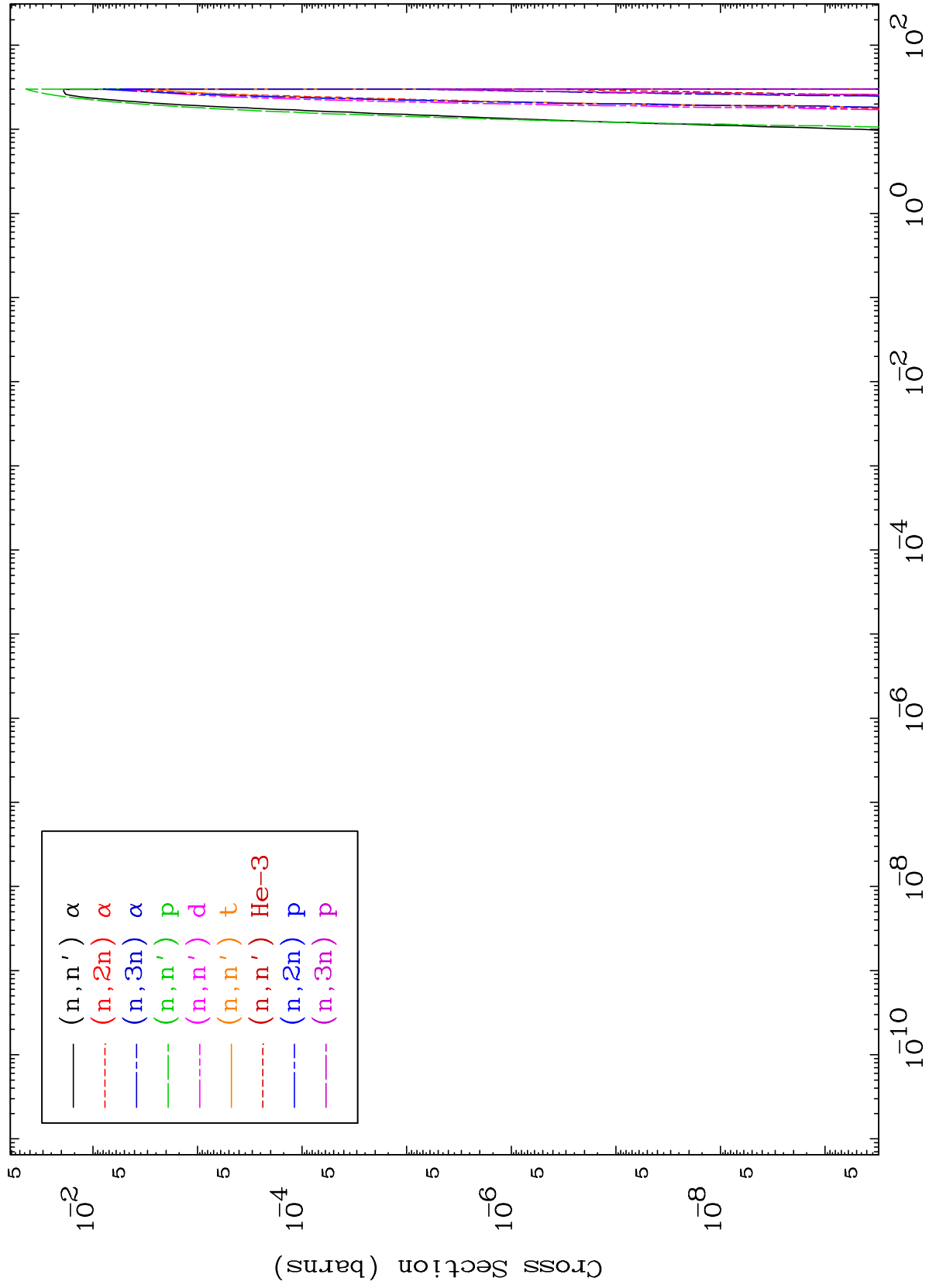
82-Pb-206



MAT 8231

Charged Particle
293 Kelvin Cross Sections

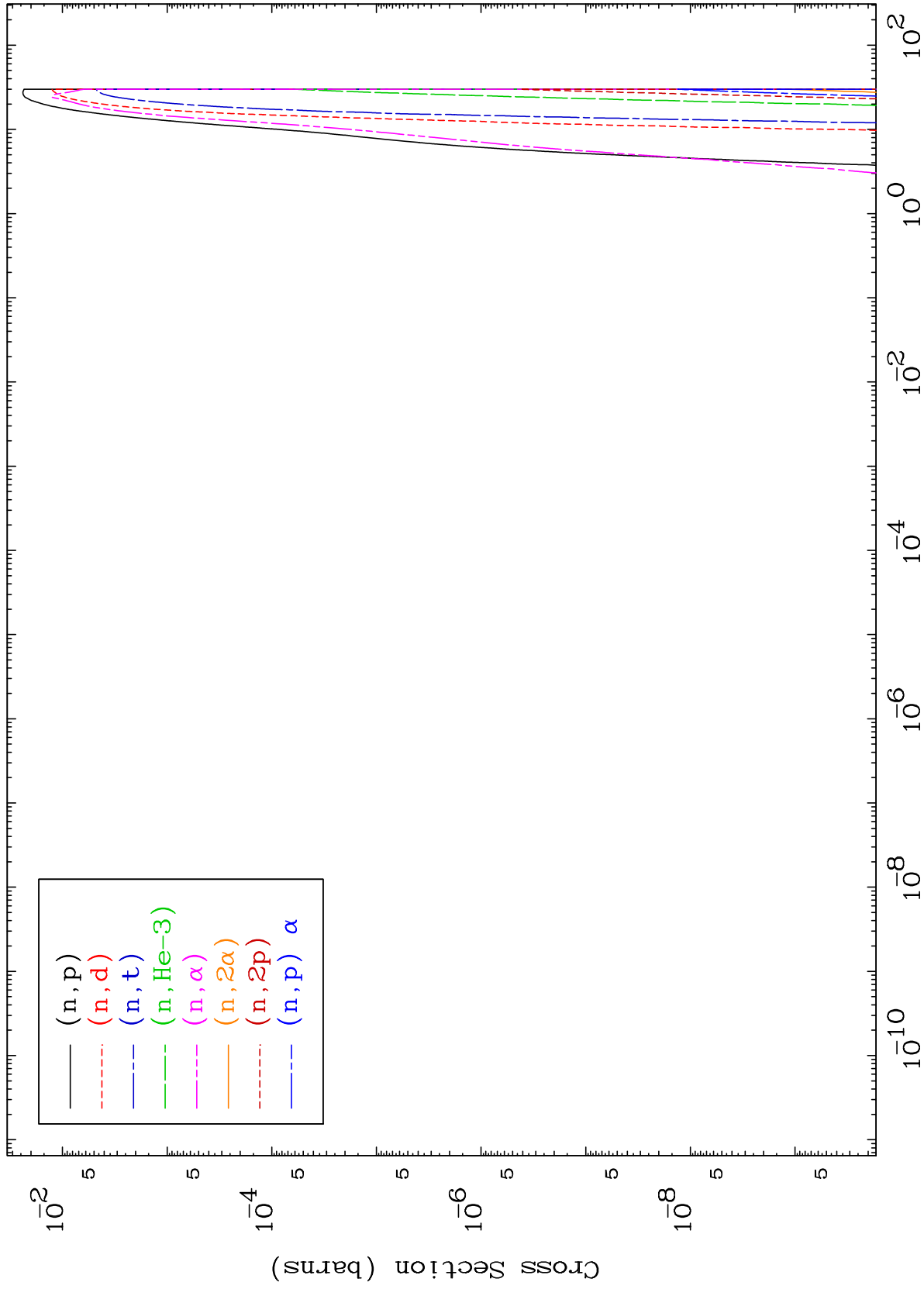
82-Pb-206



MAT 8231

293 Charged Particle
Kelvin Cross Sections

82-Pb-206



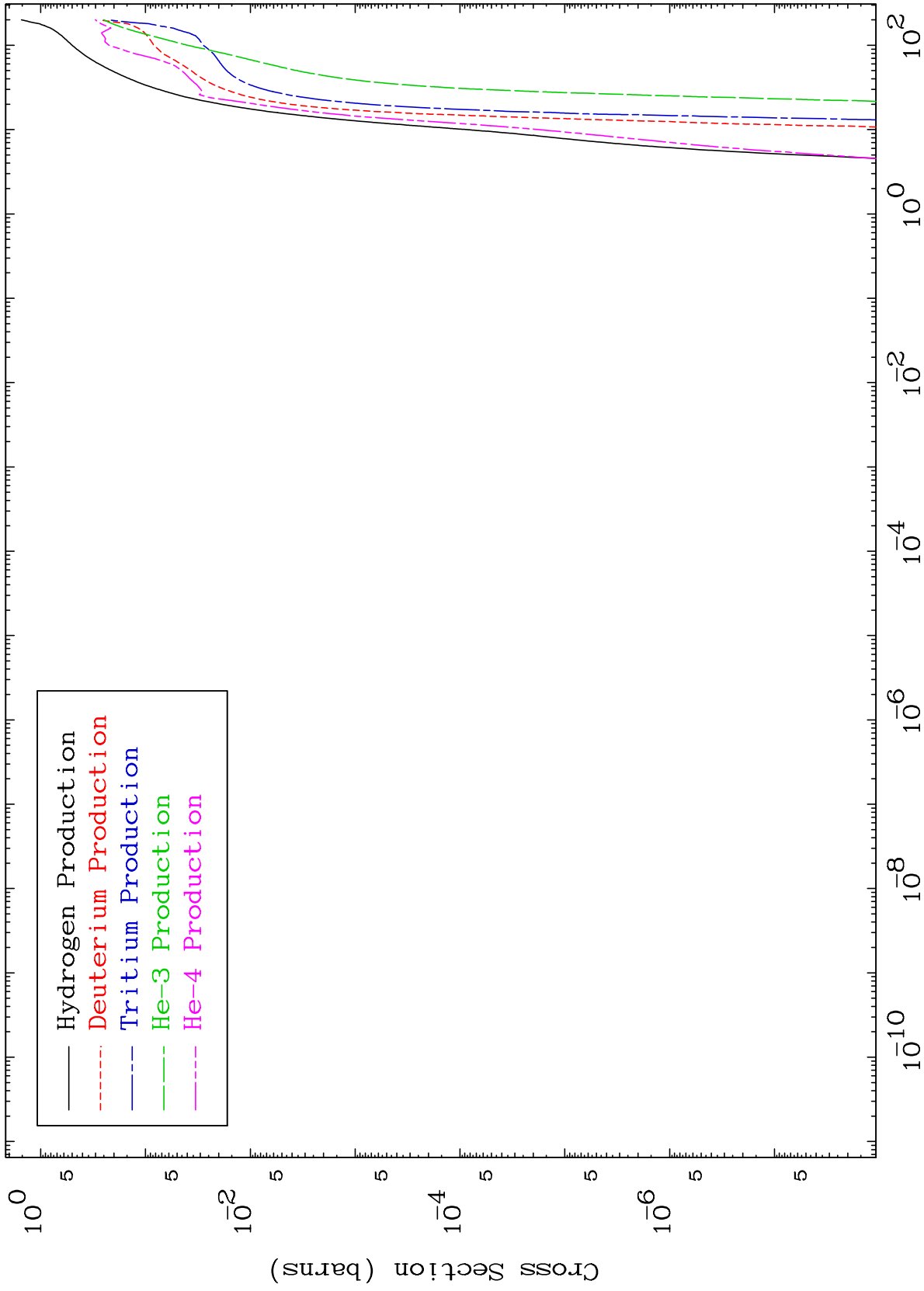
5

82-Pb-206

MAT 8231

Particle Production
293 Kelvin Cross Sections

82-Pb-206



6

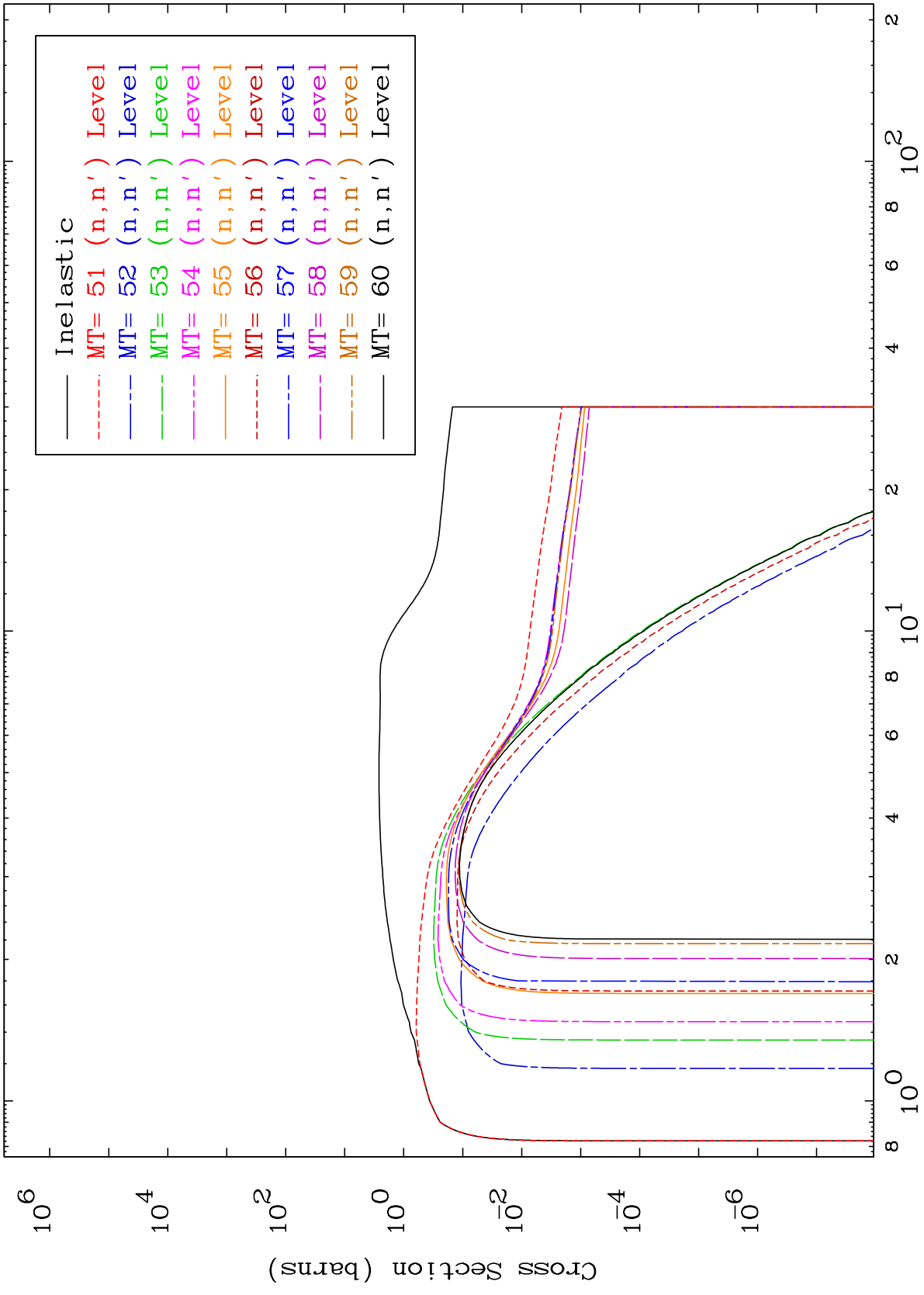
82-Pb-206

MAT 8231

(n,n') Level

82-Pb-206

293 Kelvin Cross Sections



7

Incident Energy (MeV)

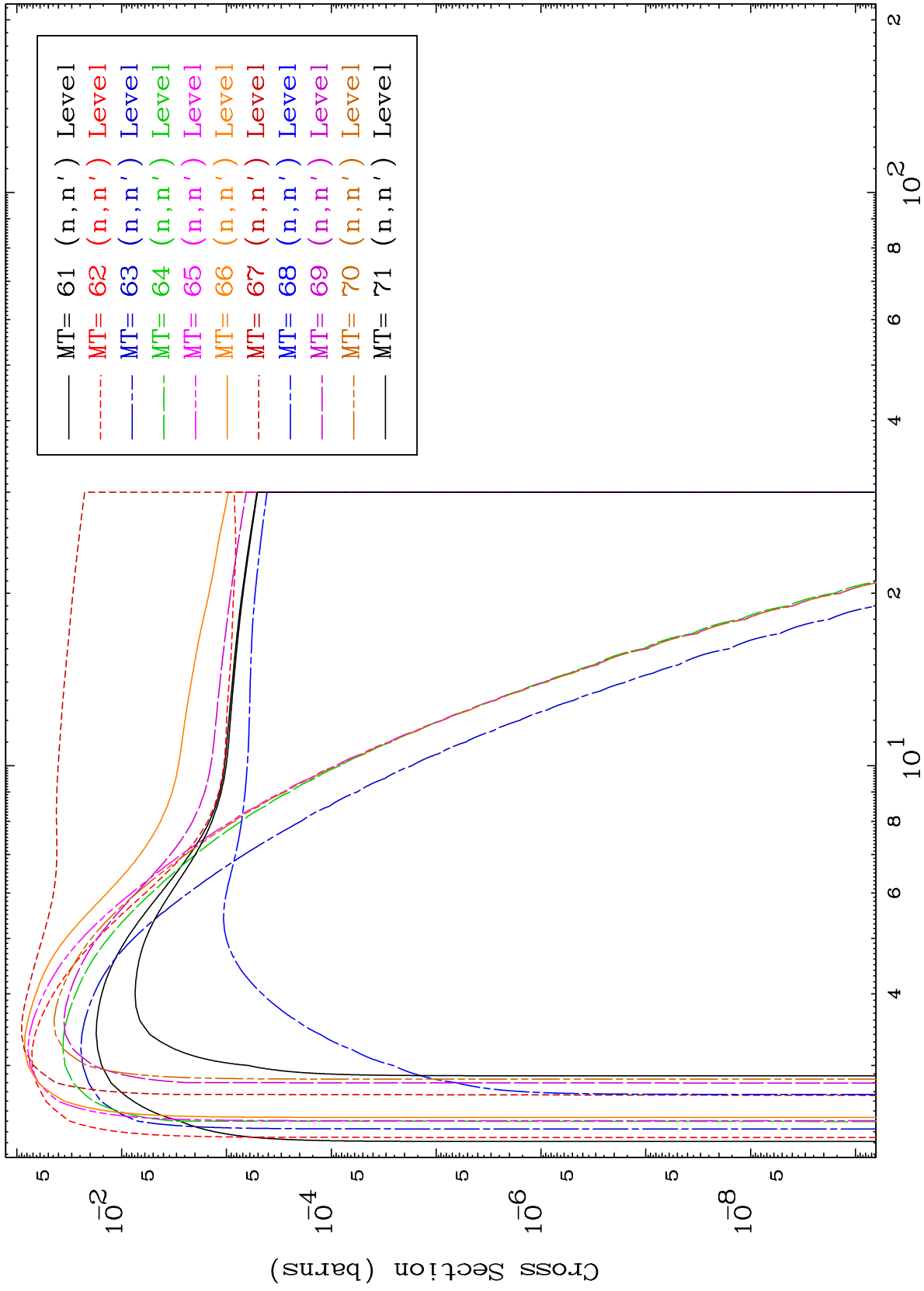
82-Pb-206

MAT 8231

(n,n') Level

82-Pb-206

293 Kelvin Cross Sections



8

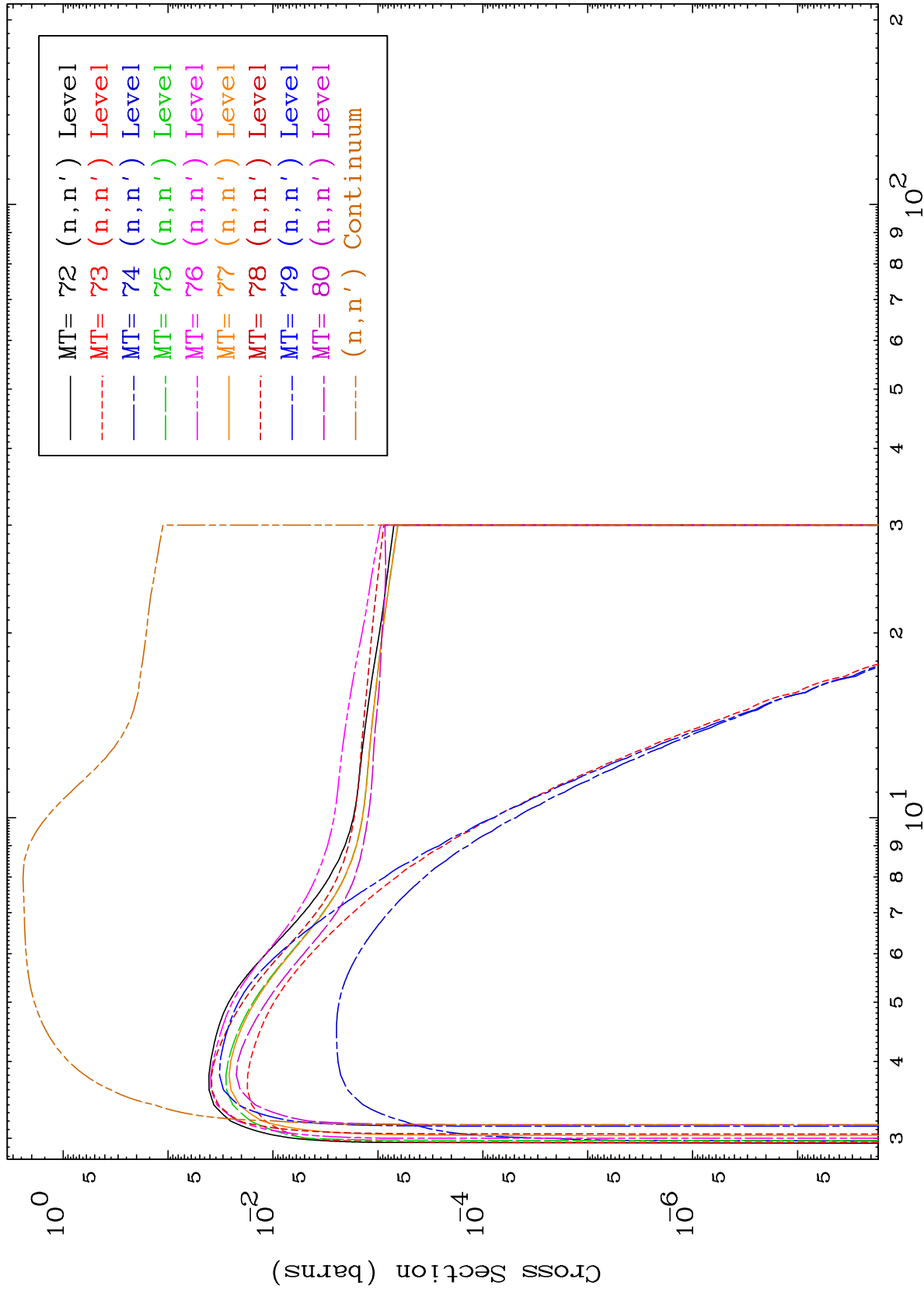
Incident Energy (MeV)

82-Pb-206

MAT 8231

(n,n') Level
293 Kelvin Cross Sections

82-Pb-206



9

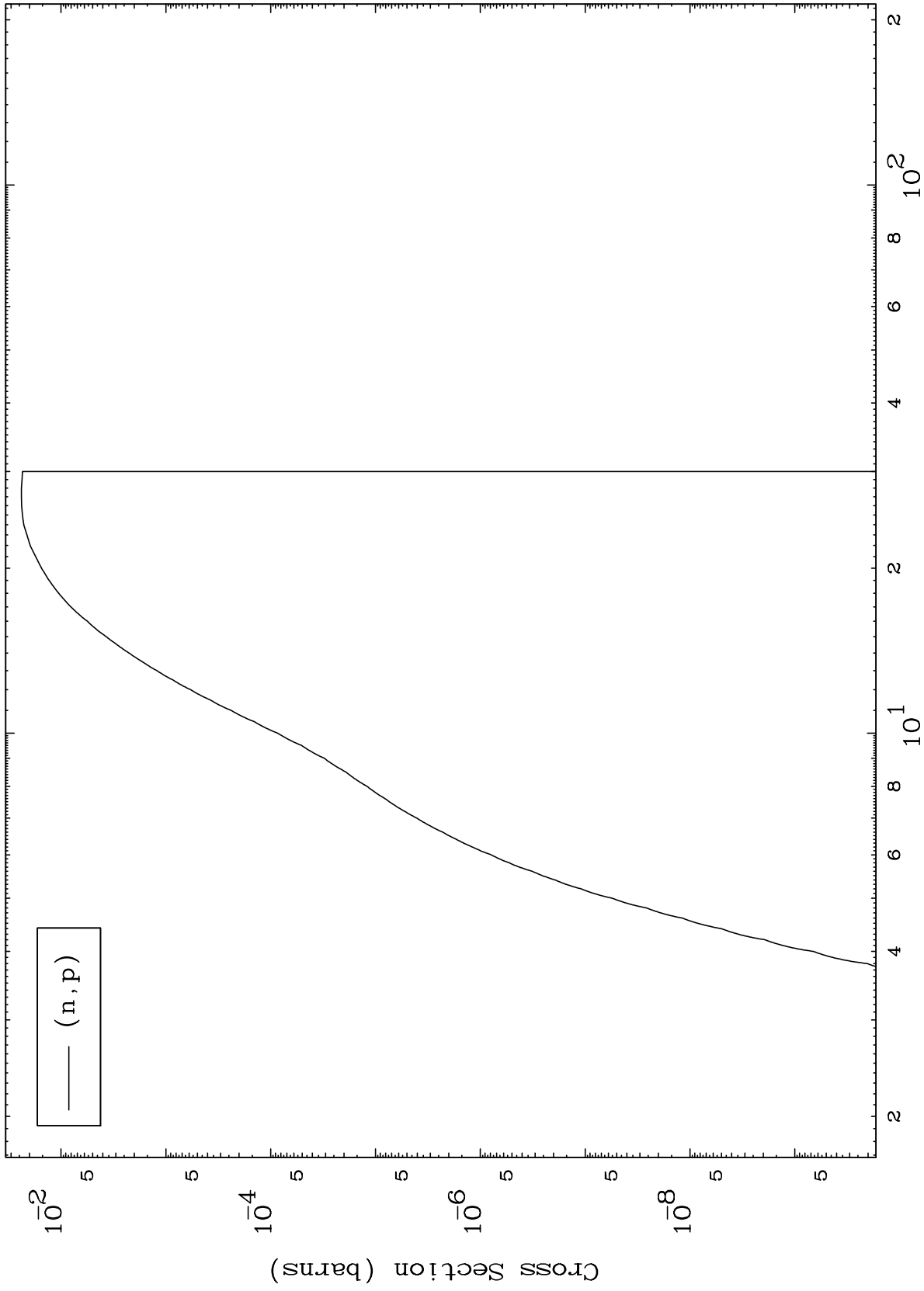
Incident Energy (MeV)

82-Pb-206

MAT 8231

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-206



10

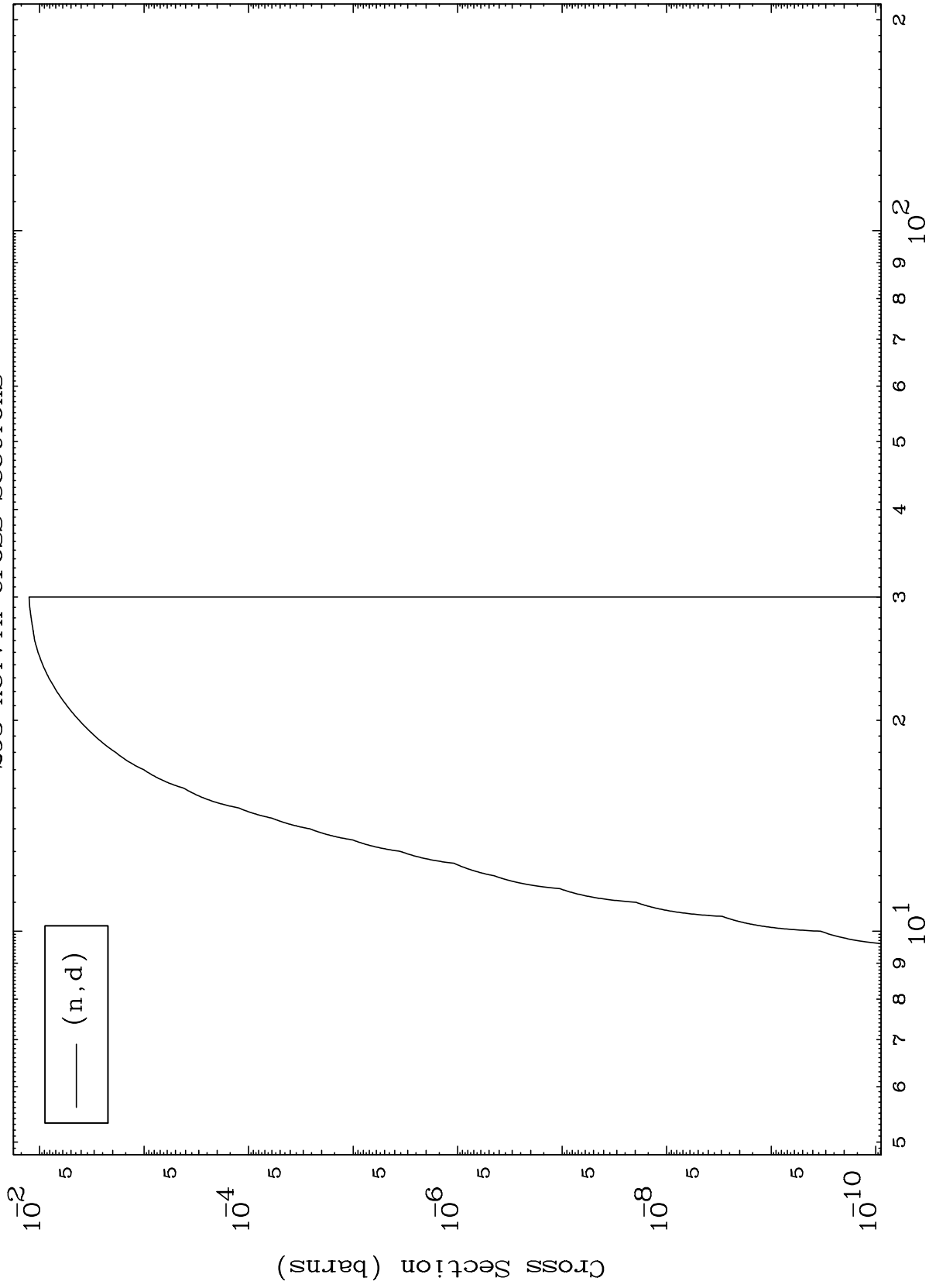
Incident Energy (MeV)

82-Pb-206

MAT 8231

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-206



11

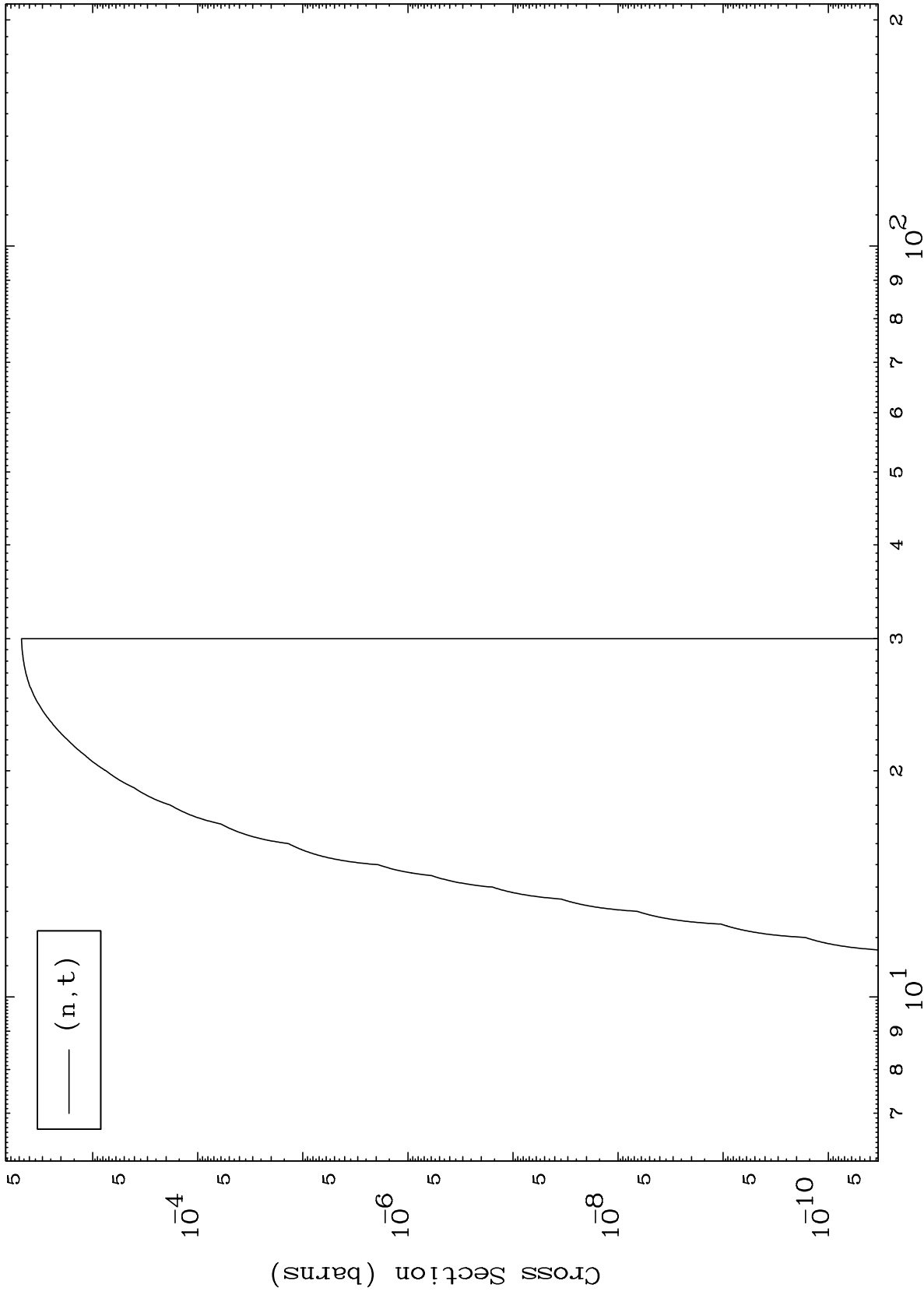
Incident Energy (MeV)

82-Pb-206

MAT 8231

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-206



12

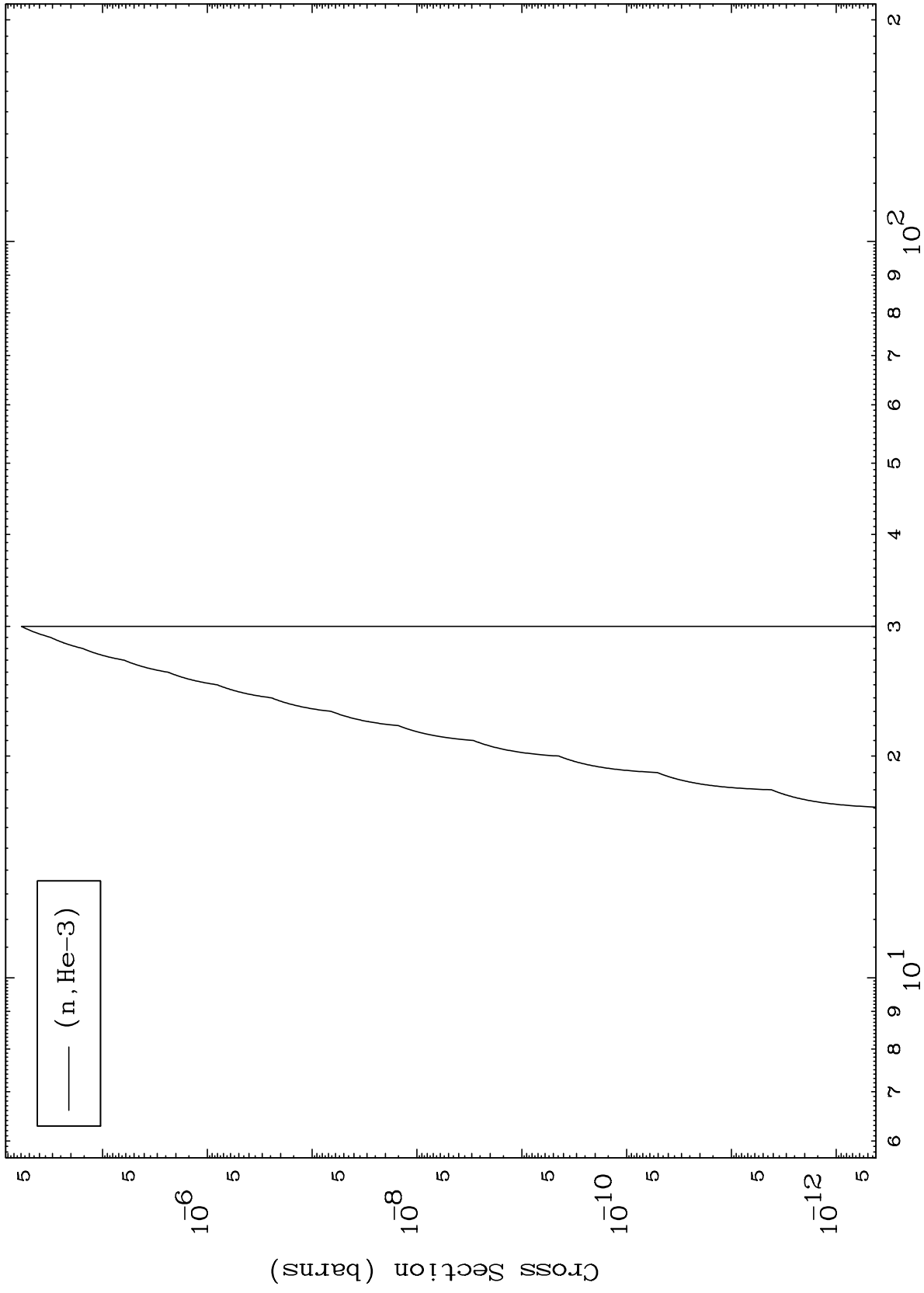
Incident Energy (MeV)

82-Pb-206

MAT 8231

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-206



13

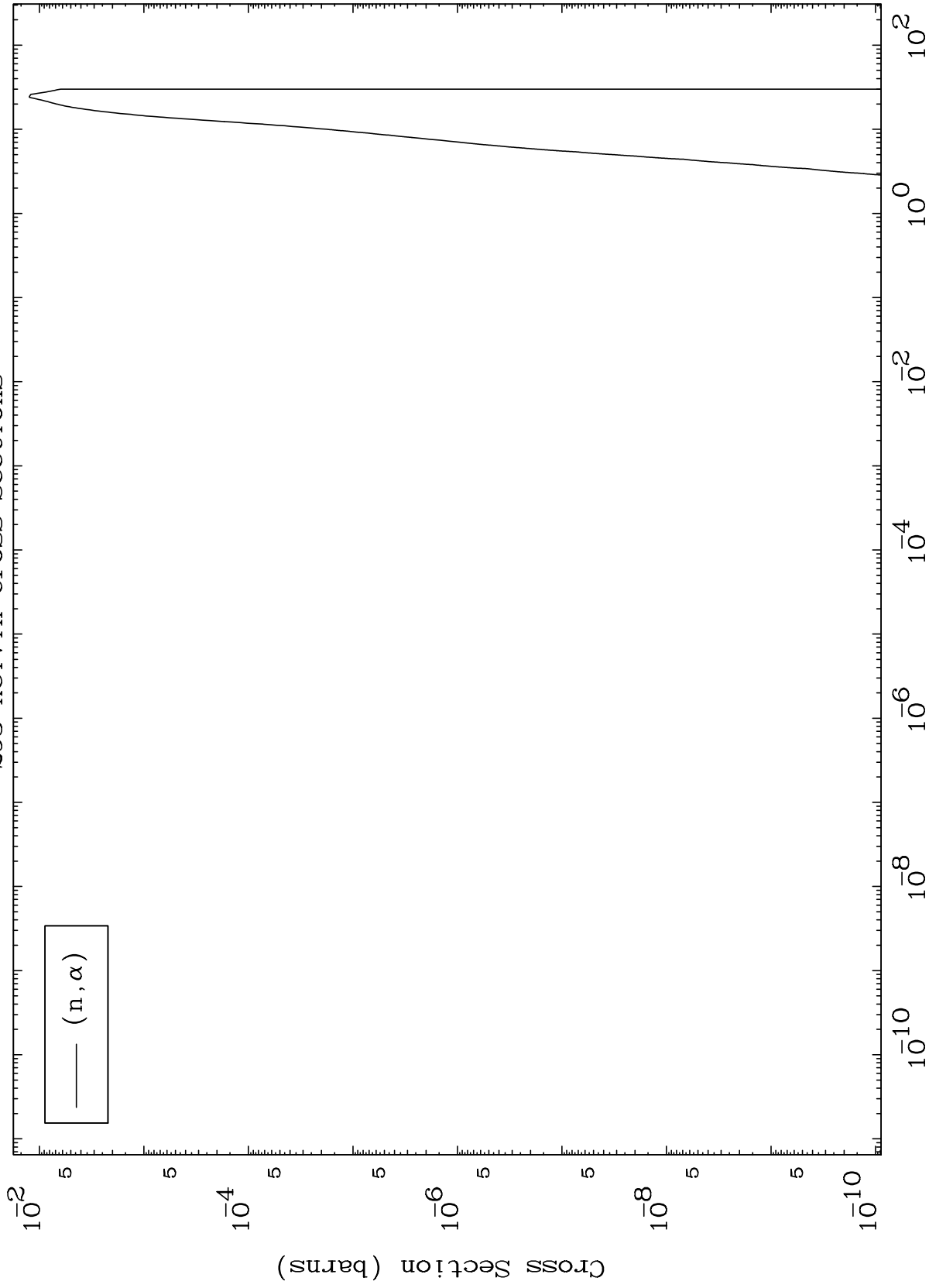
Incident Energy (MeV)

82-Pb-206

MAT 8231

(n,α) Levels
293 Kelvin Cross Sections

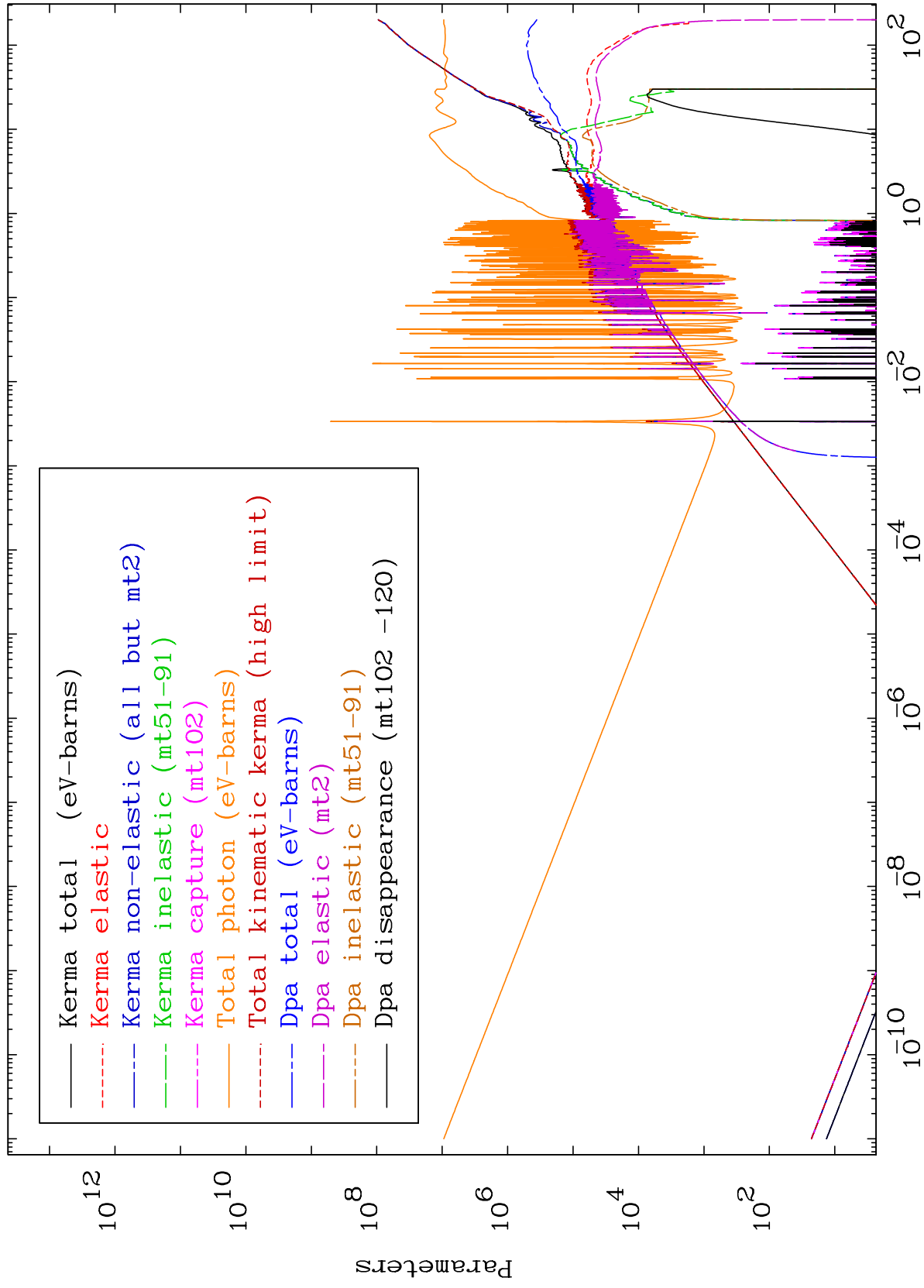
82-Pb-206



14

Incident Energy (MeV)

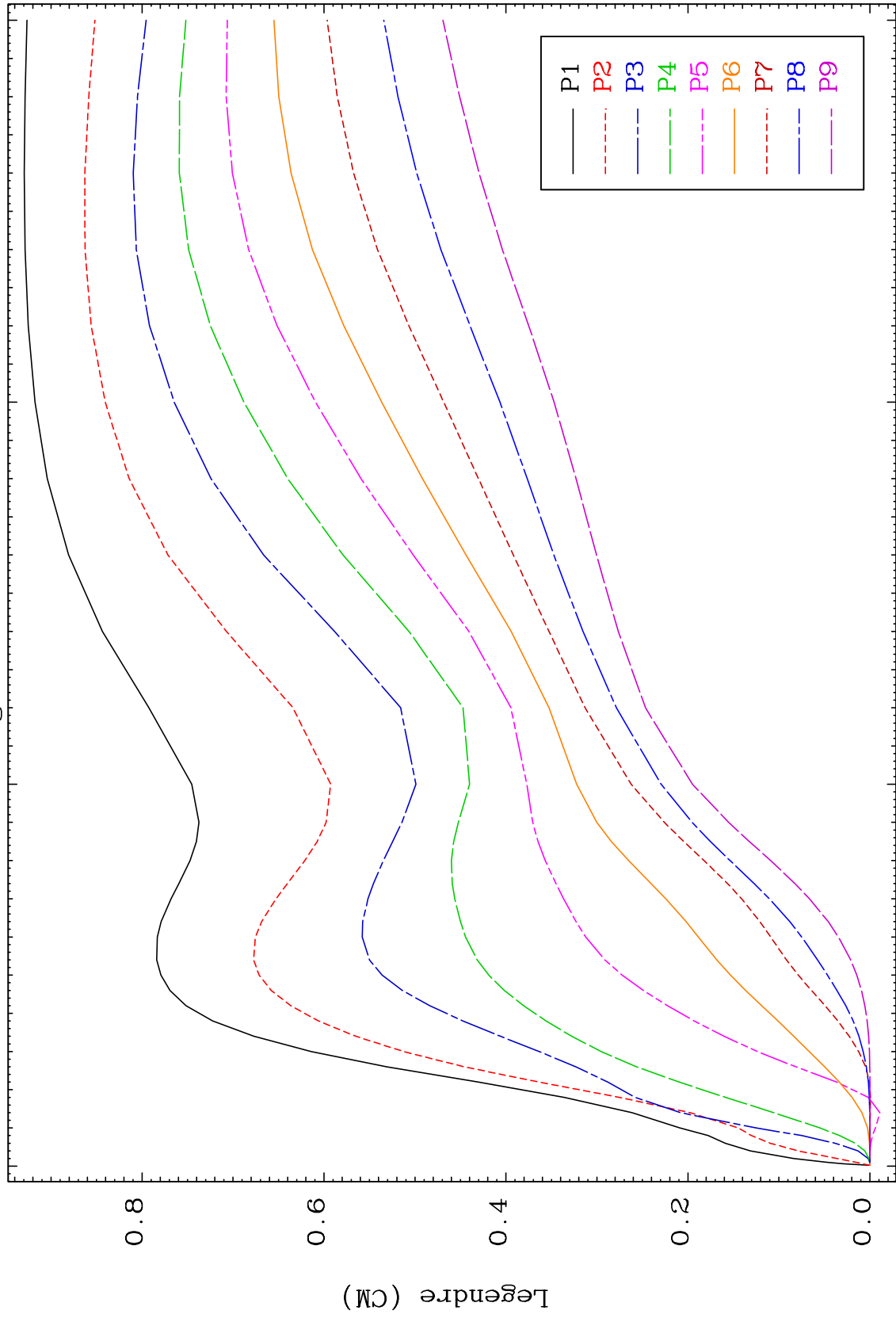
82-Pb-206



MAT 8231

Elastic Legendre Coefficients

82-Pb-206



16

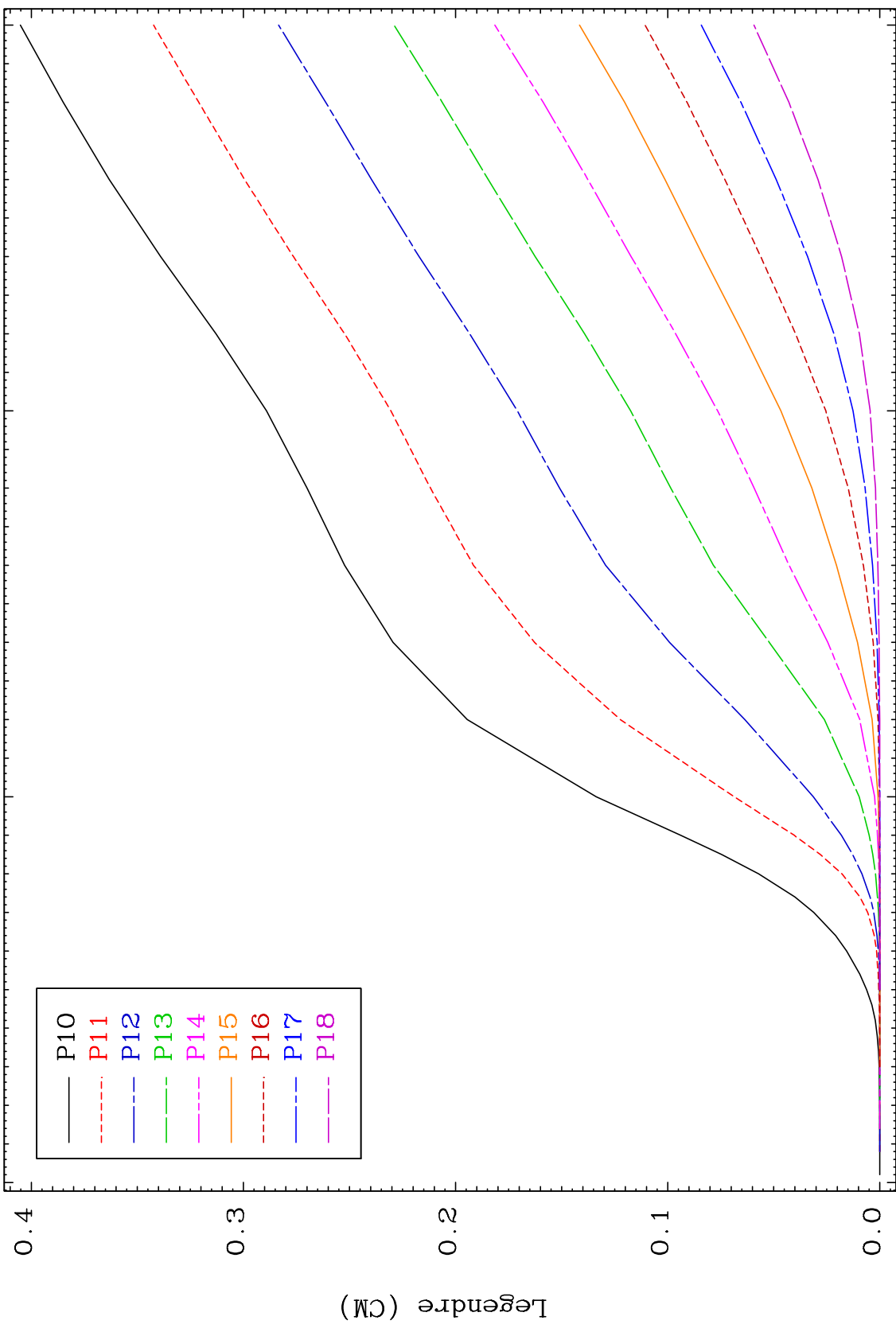
Incident Energy (MeV)

82-Pb-206

MAT 8231

Elastic Legendre Coefficients

82-Pb-206



17

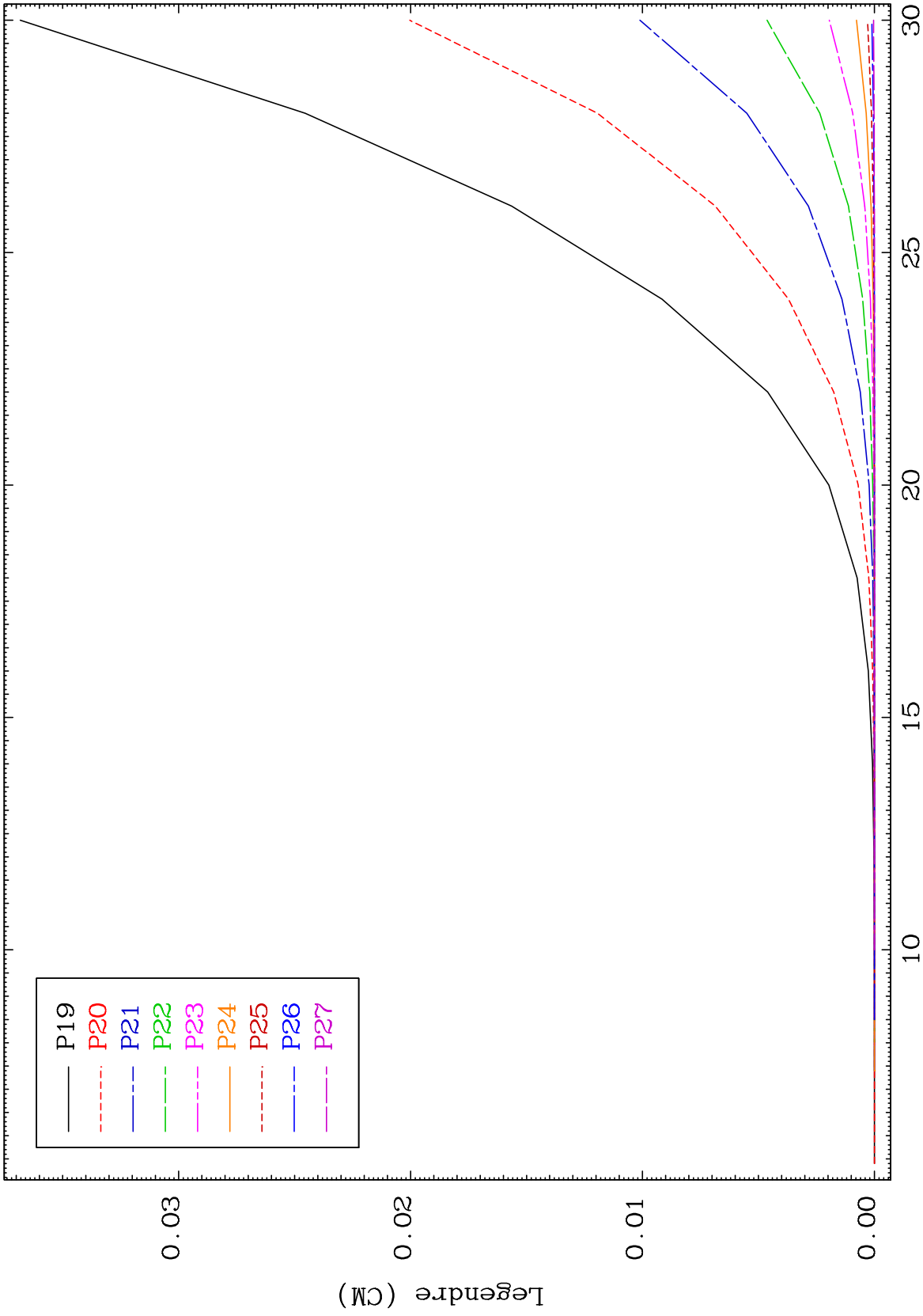
Incident Energy (MeV)

82-Pb-206

MAT 8231

Elastic Legendre Coefficients

82-Pb-206



18

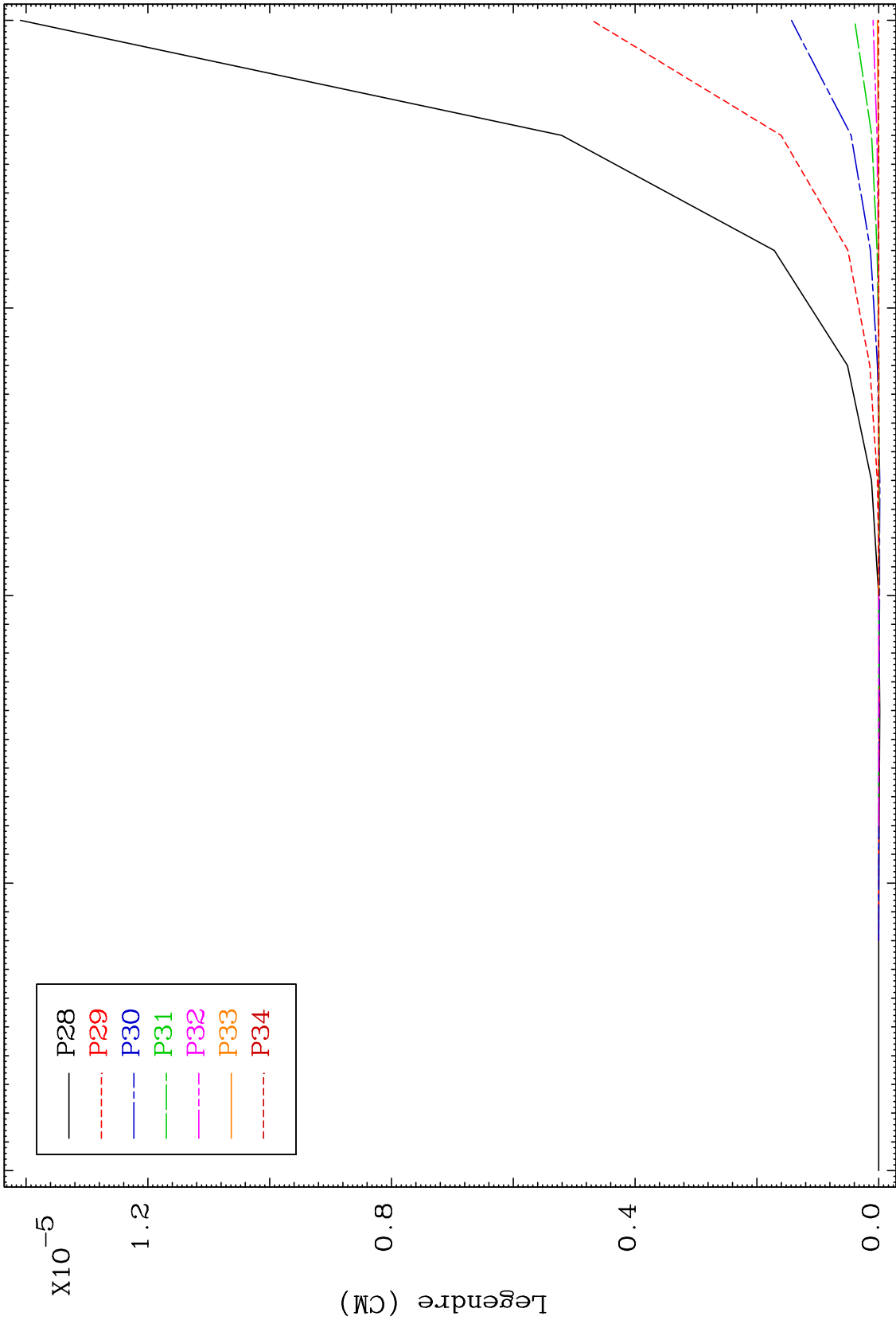
Incident Energy (MeV)

82-Pb-206

MAT 8231

Elastic Legendre Coefficients

82-Pb-206



19

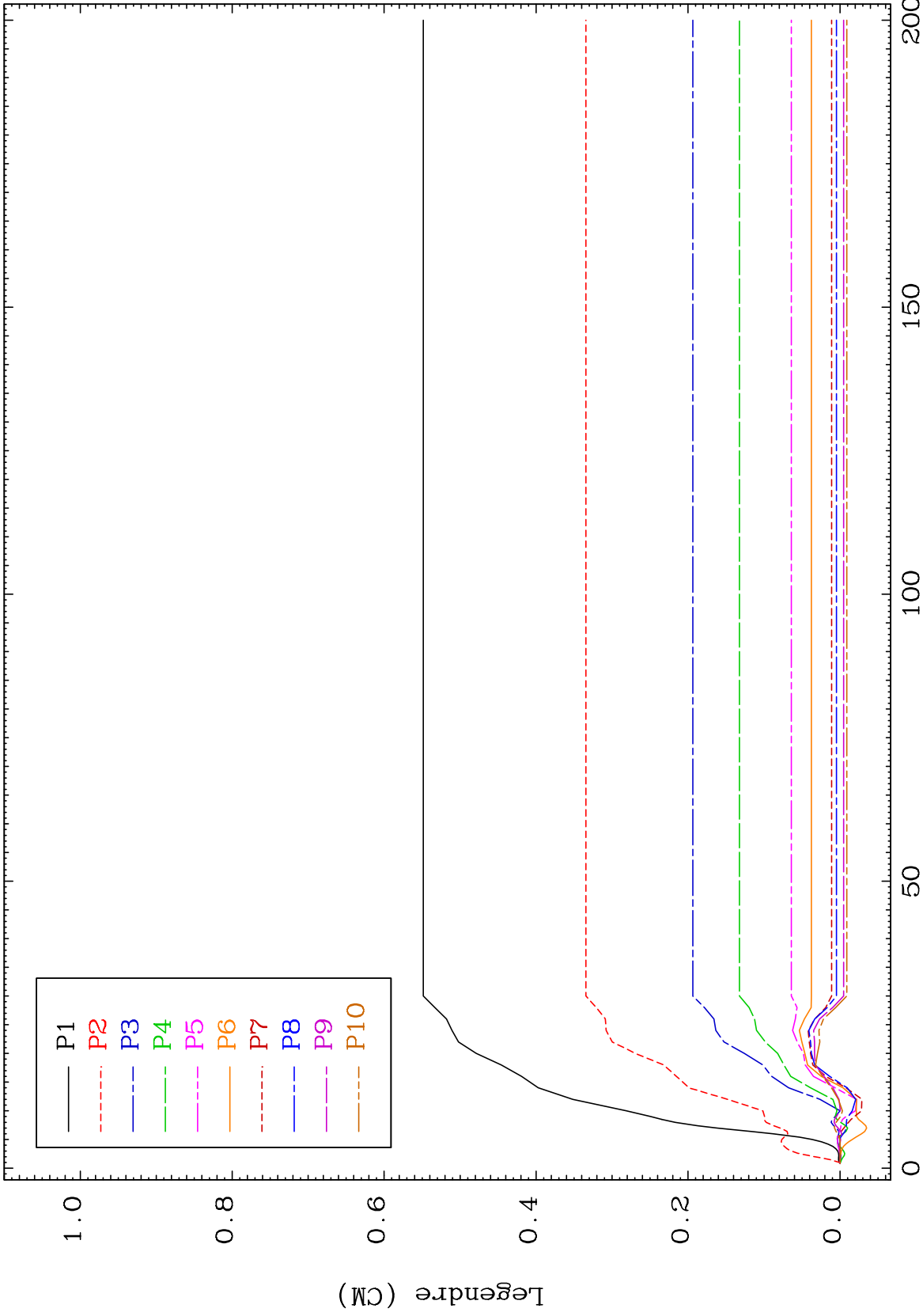
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206

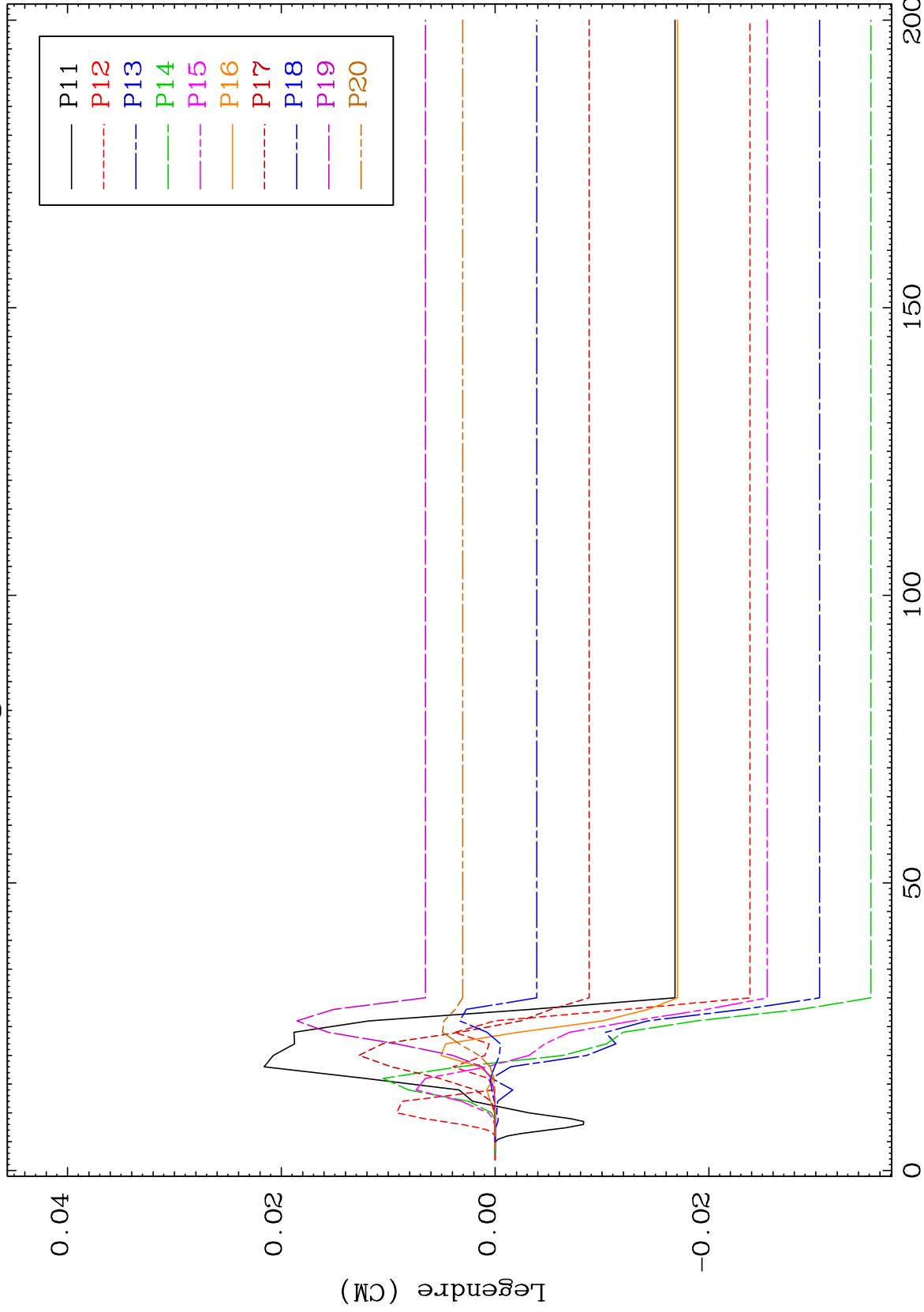


82-Pb-206

MAT 8231

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

82-Pb-206



21

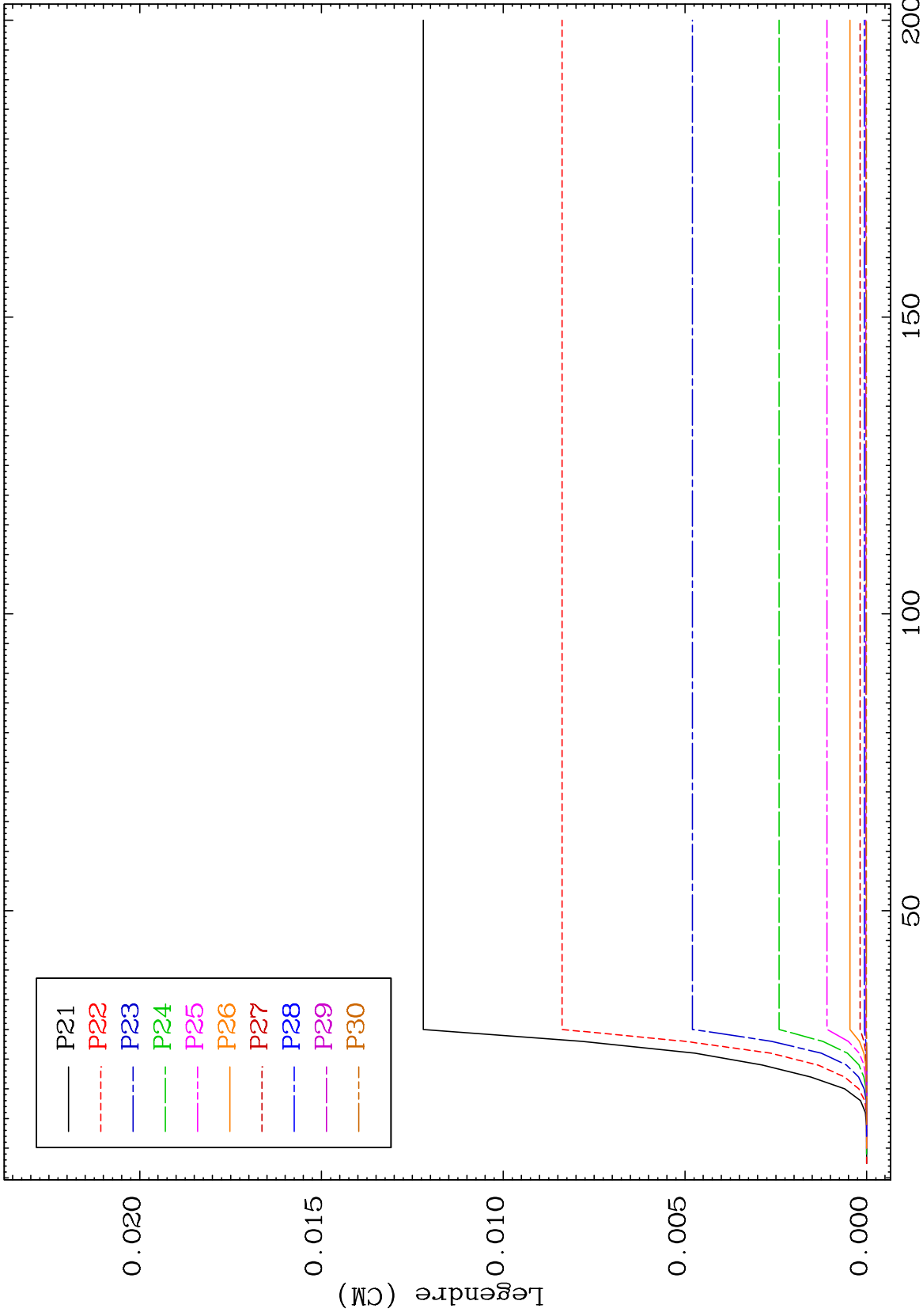
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



22

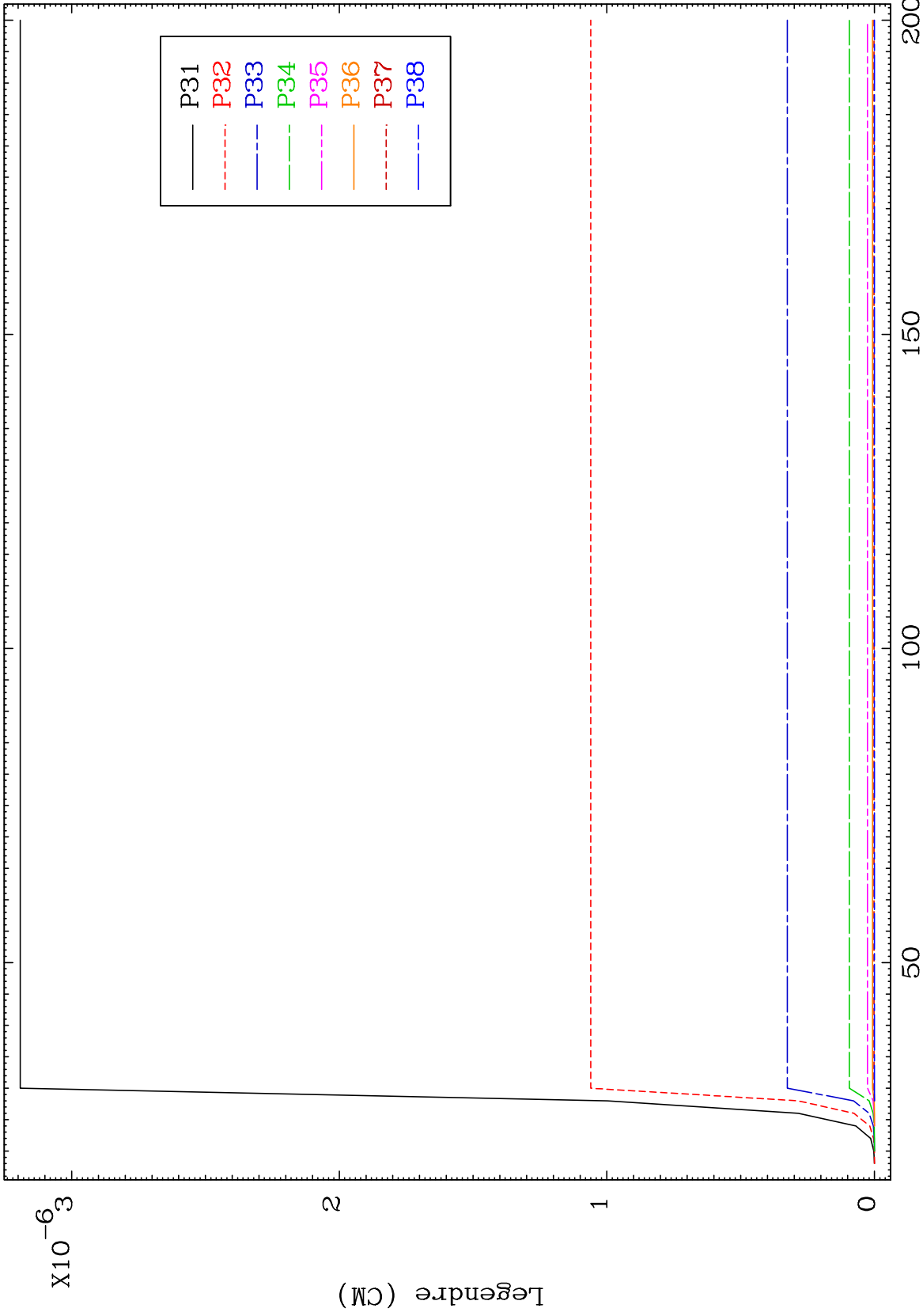
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



23

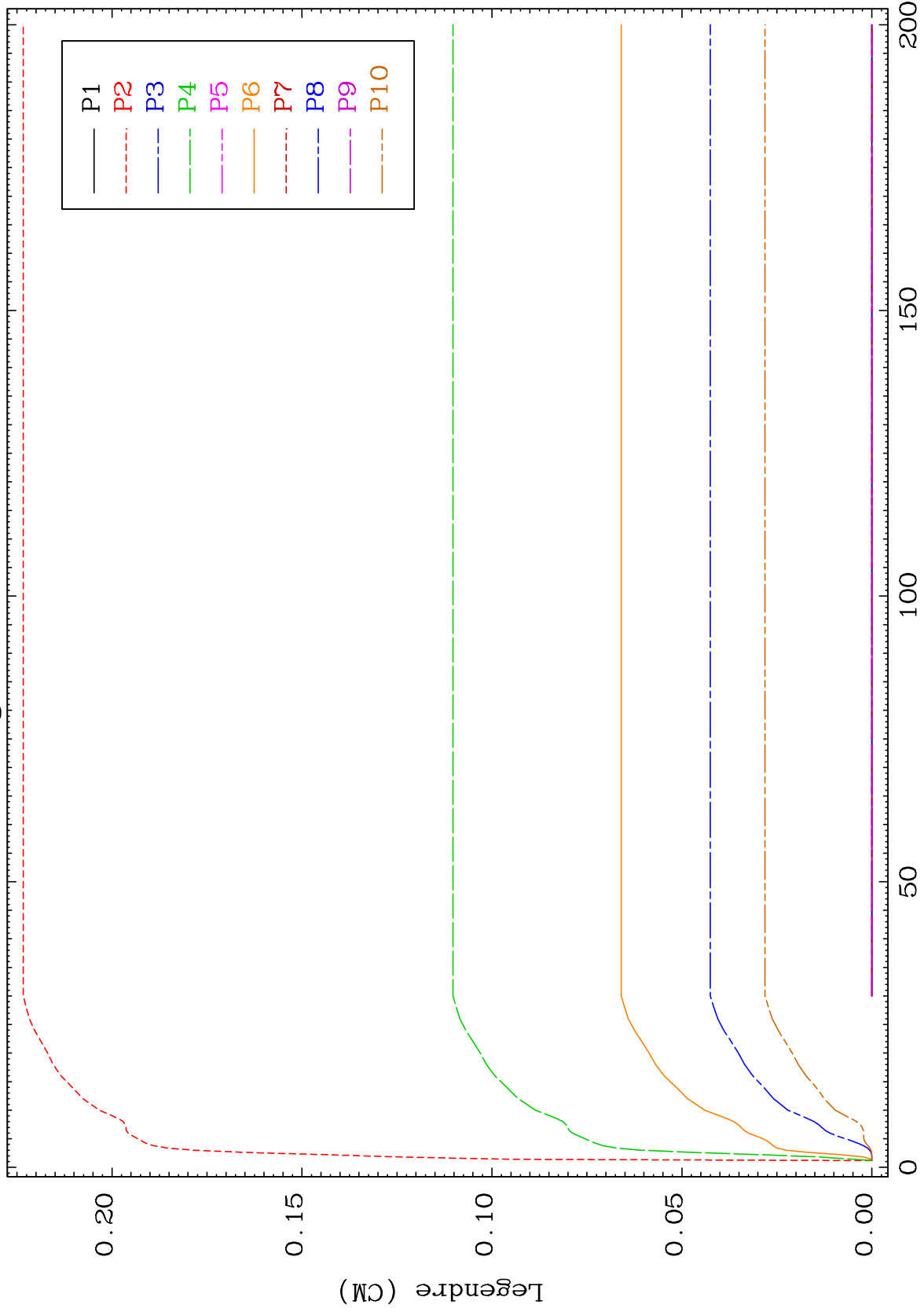
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



24

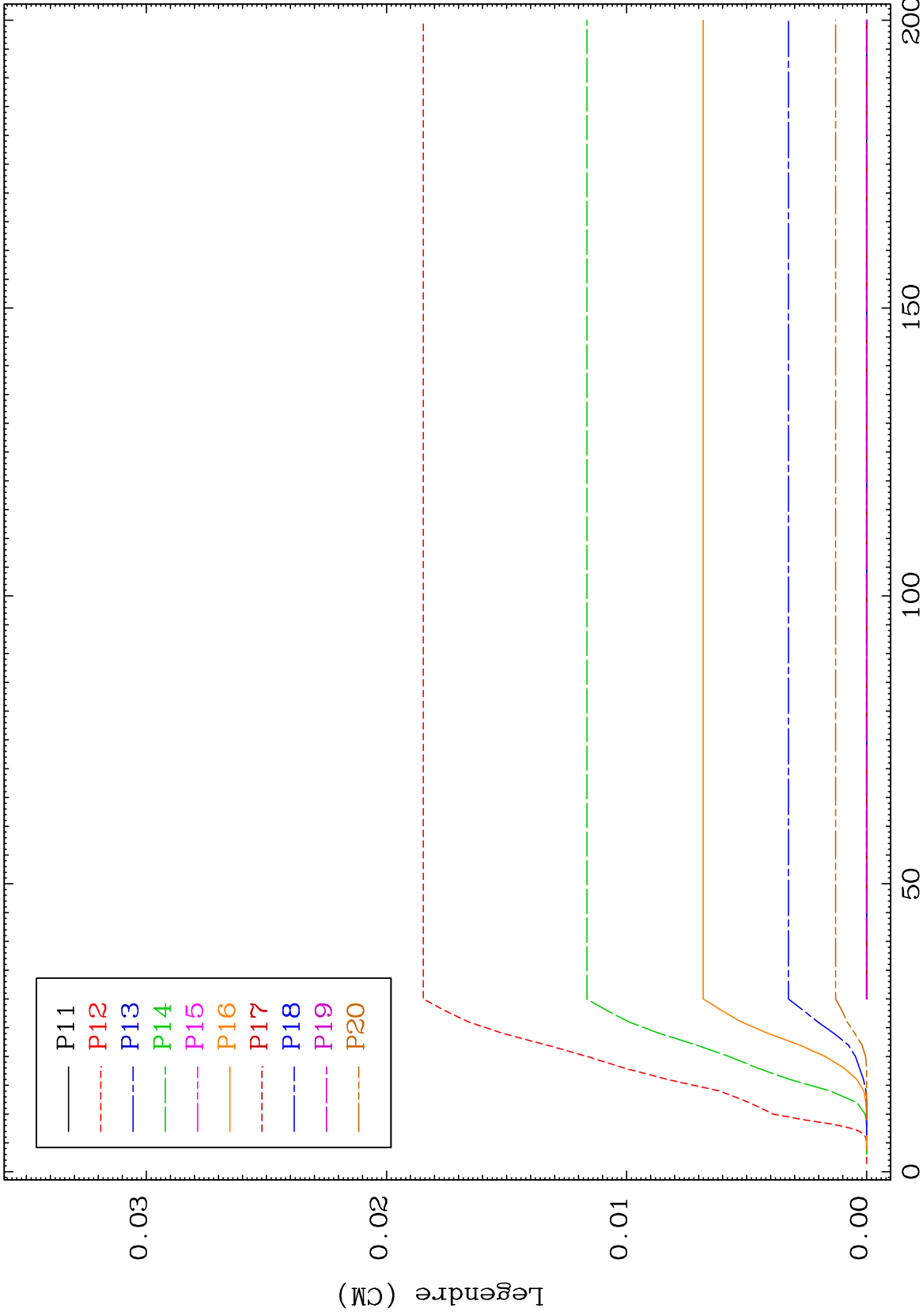
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



25

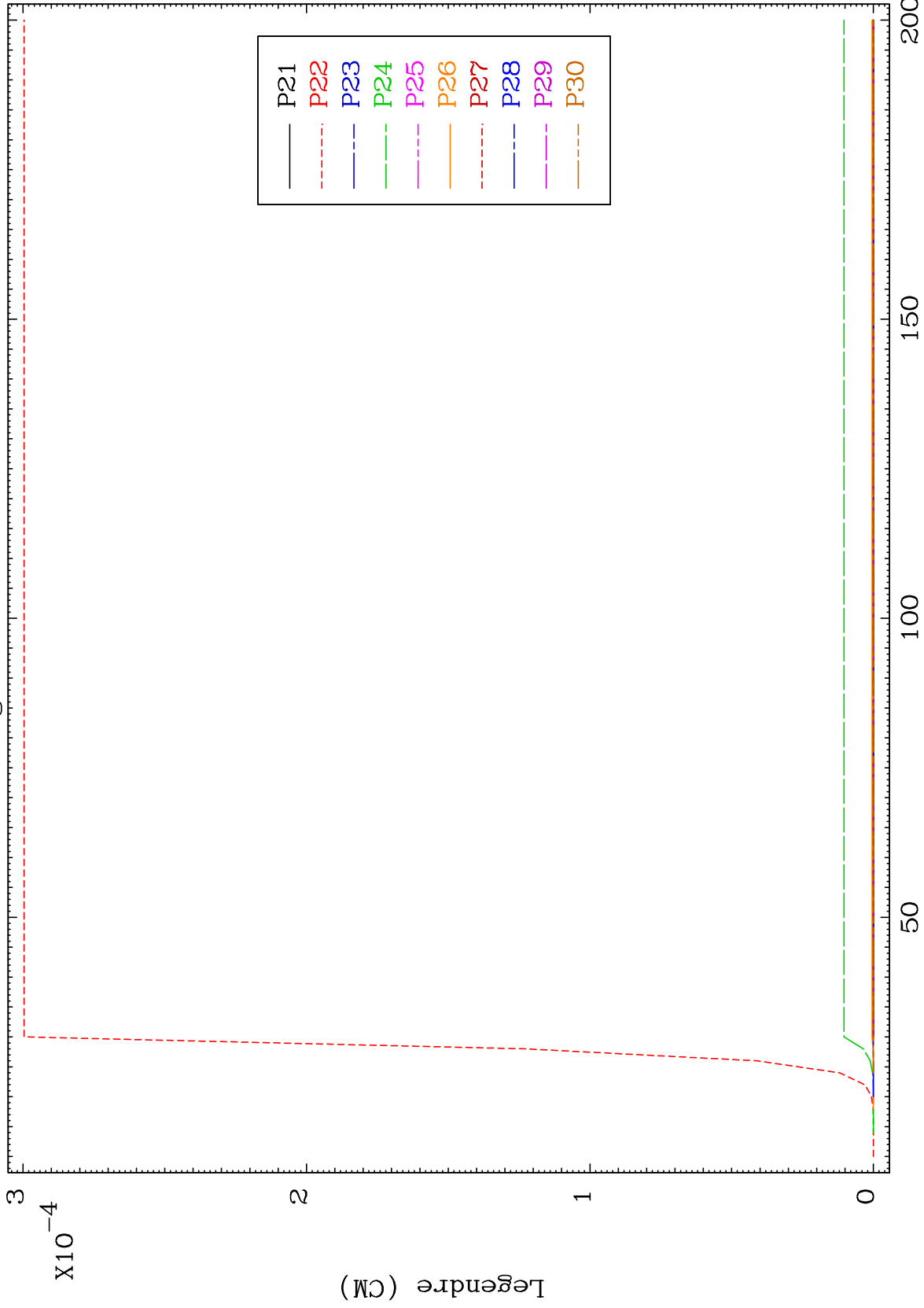
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



26

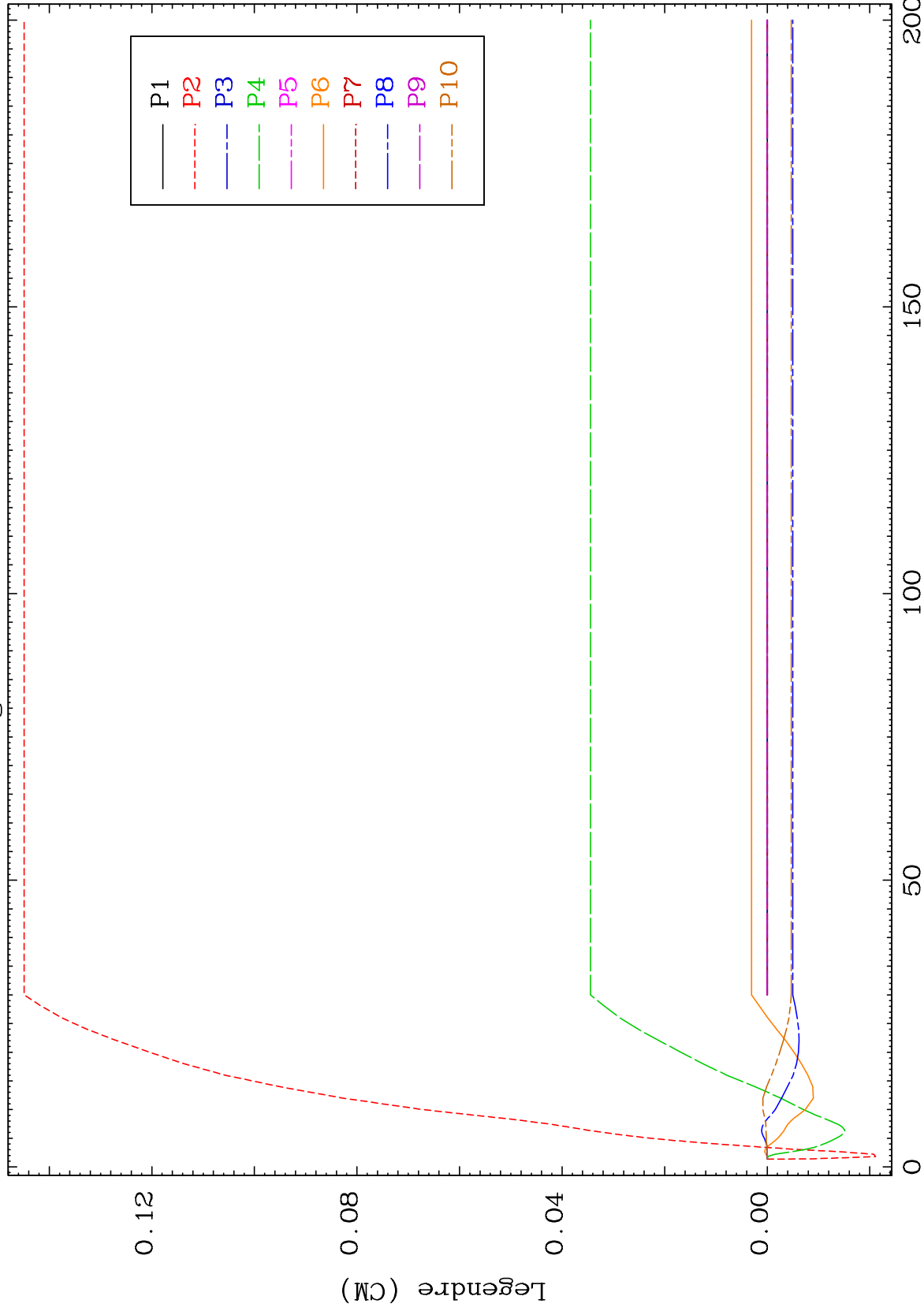
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



27

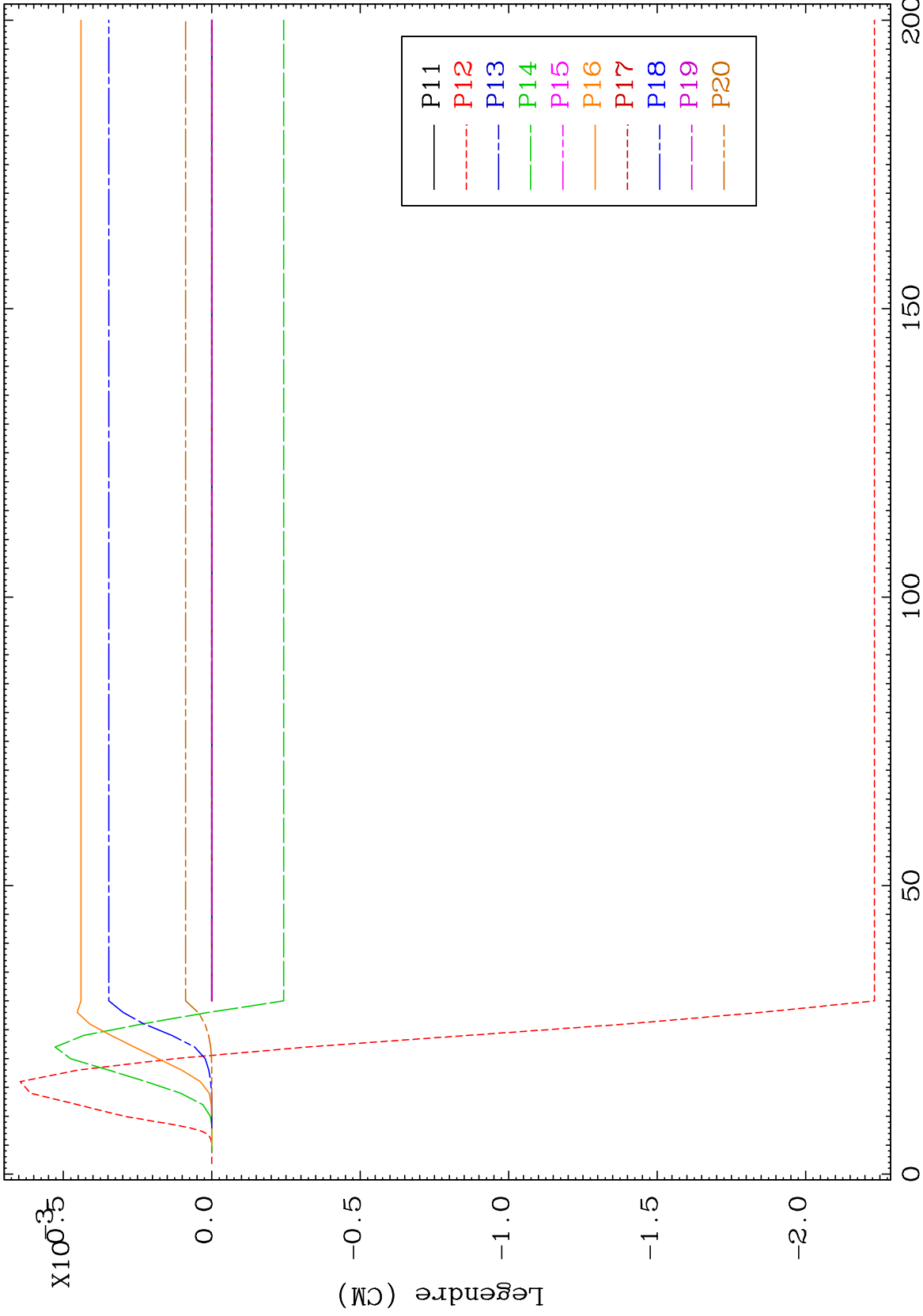
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



28

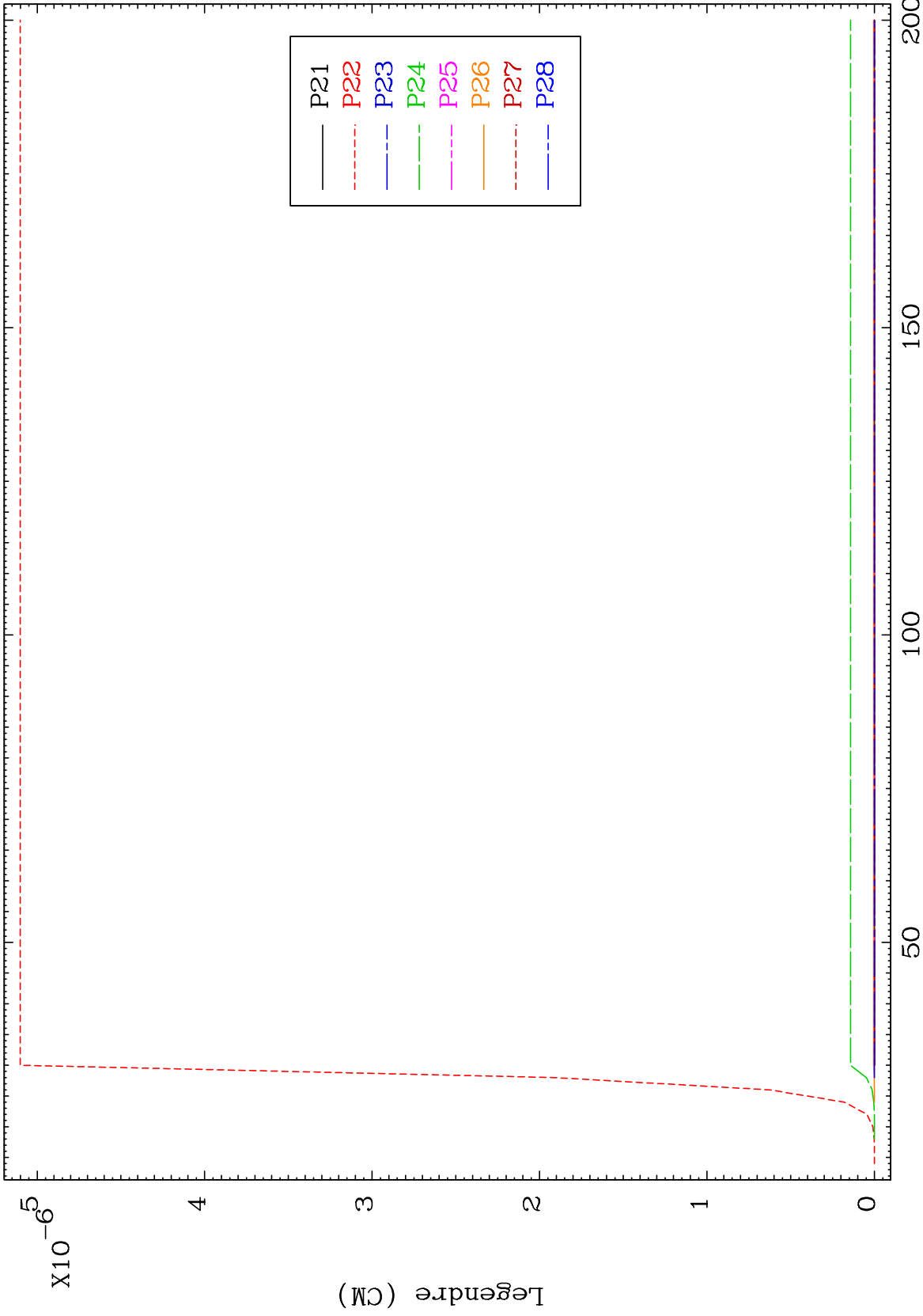
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



29

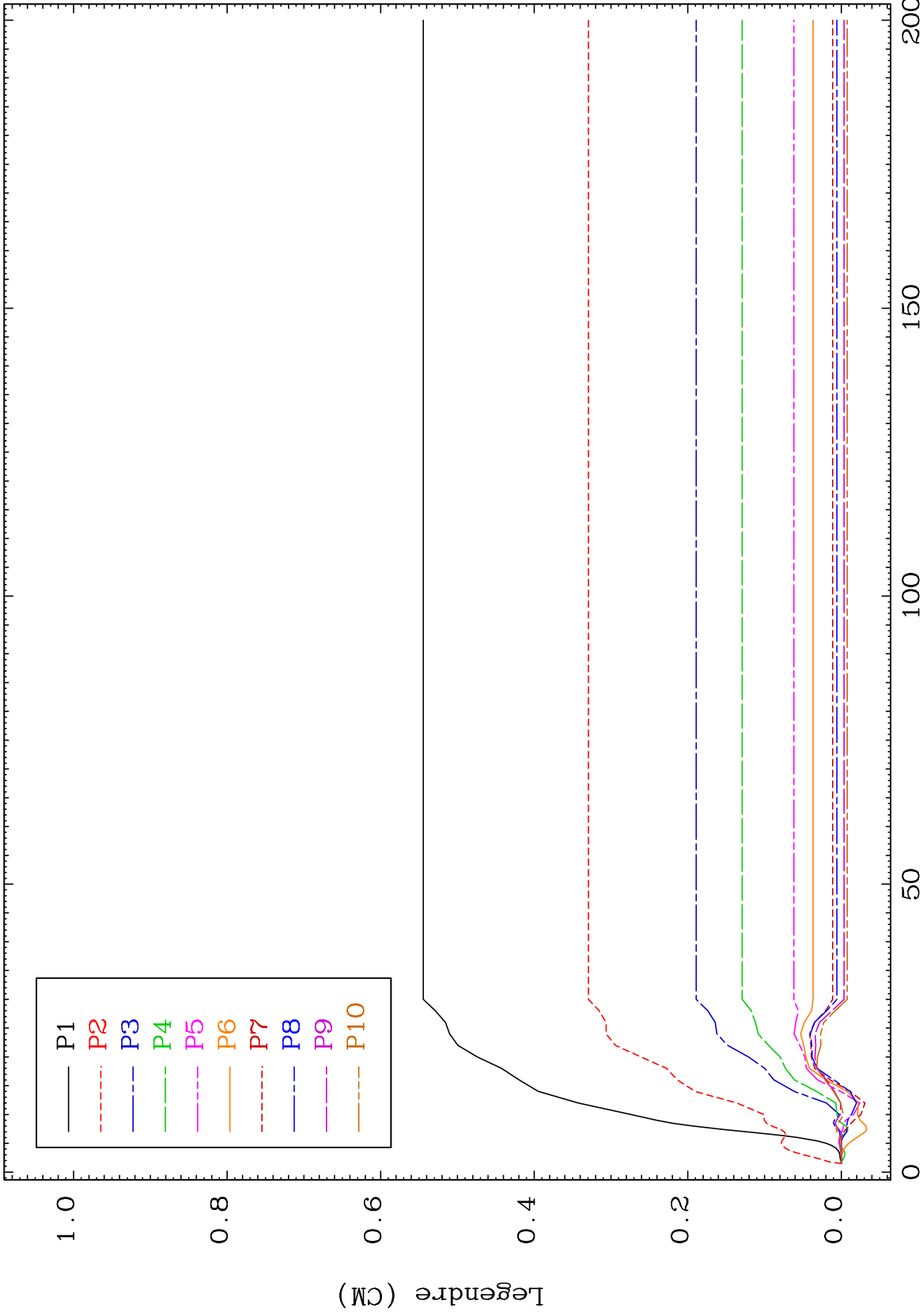
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



82-Pb-206

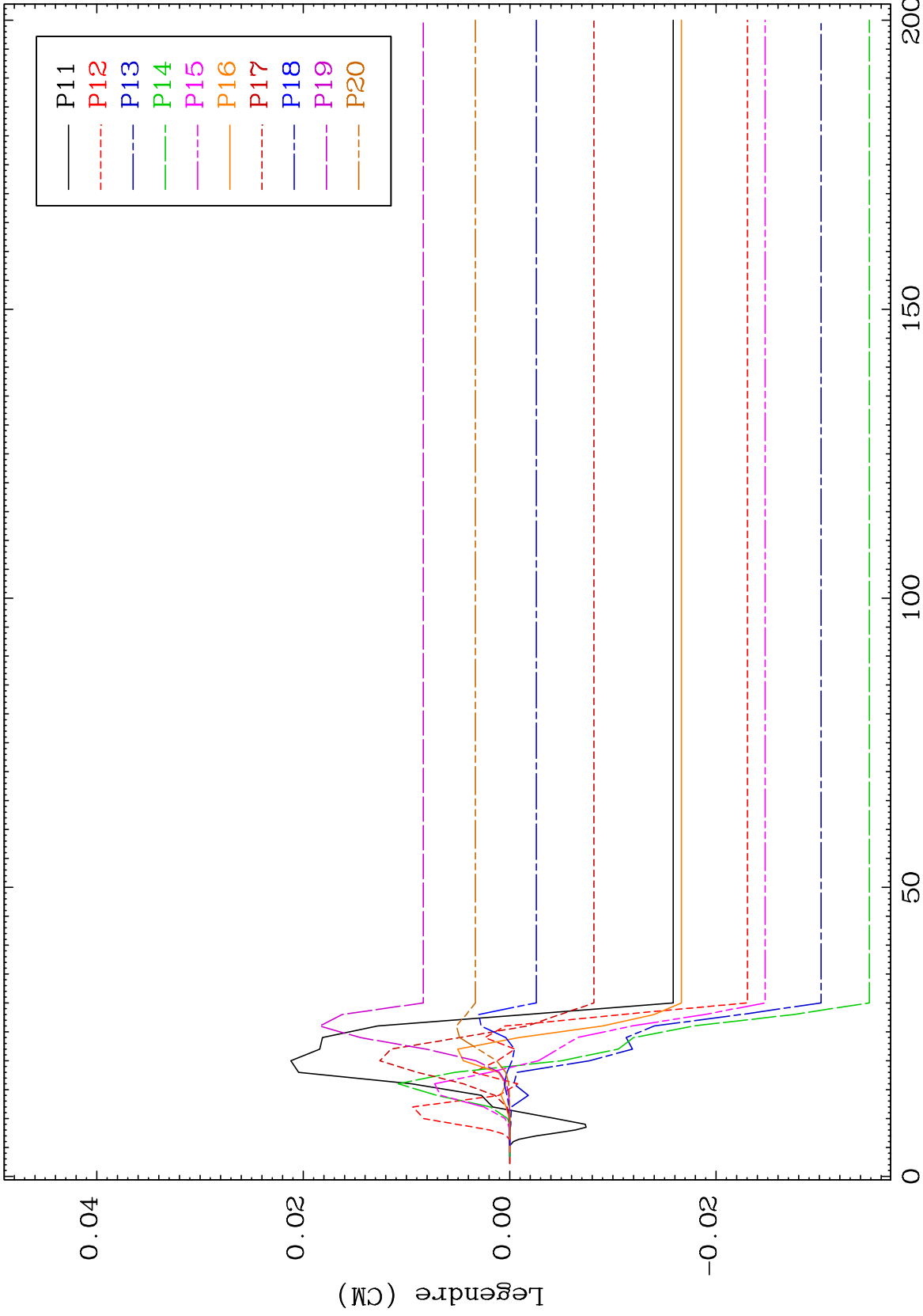
Incident Energy (MeV)

30

MAT 8231

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

82-Pb-206



31

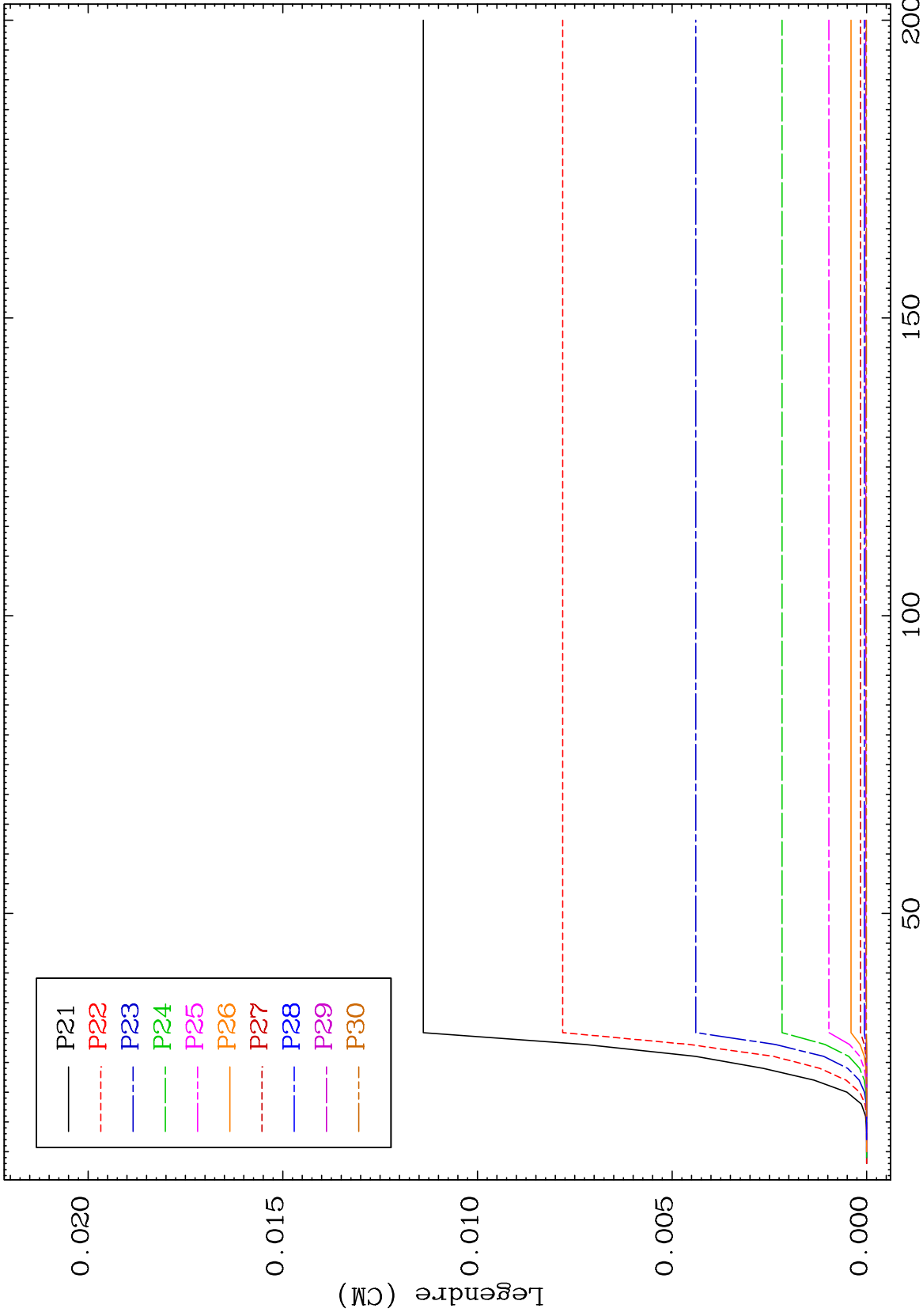
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



32

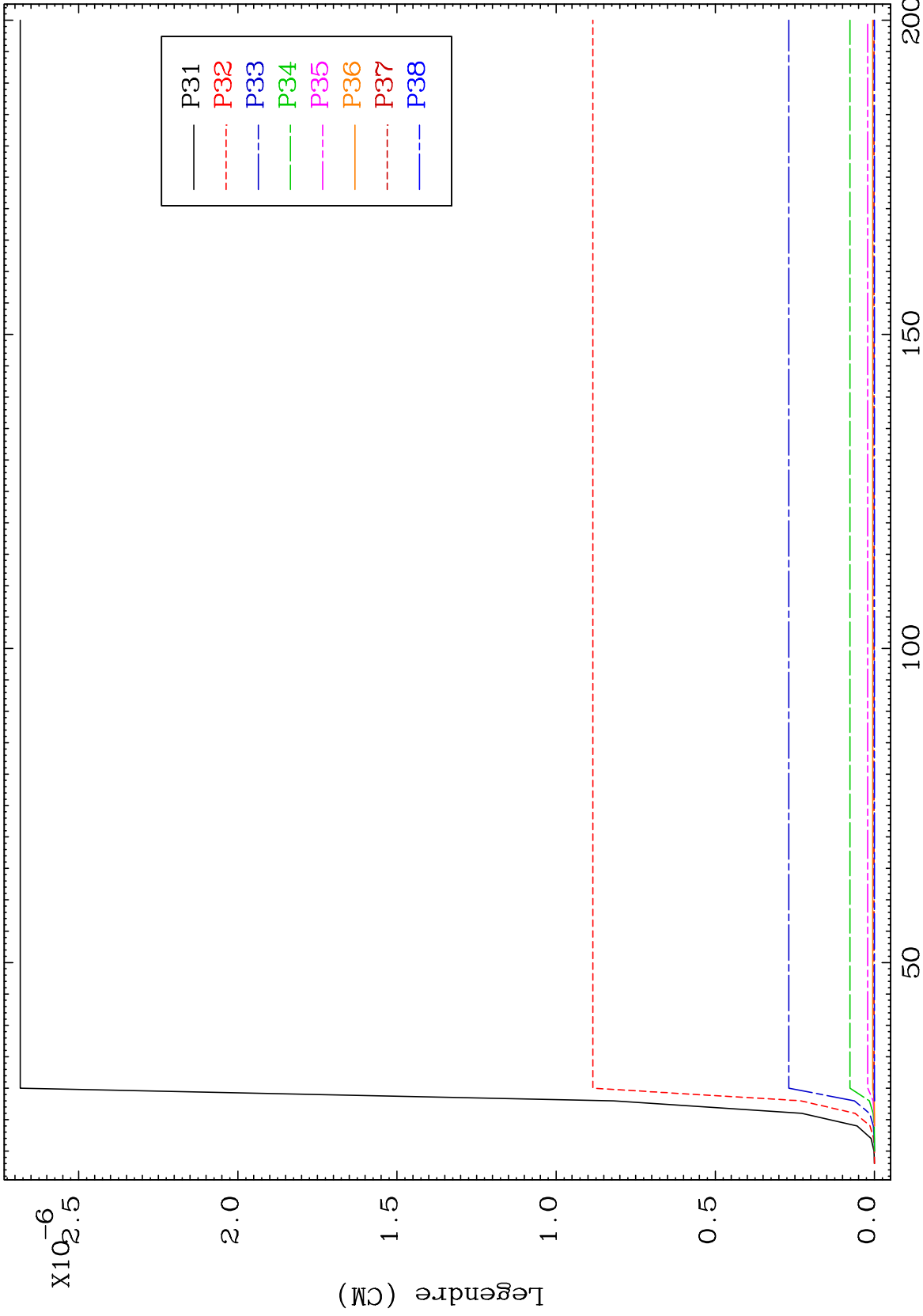
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



33

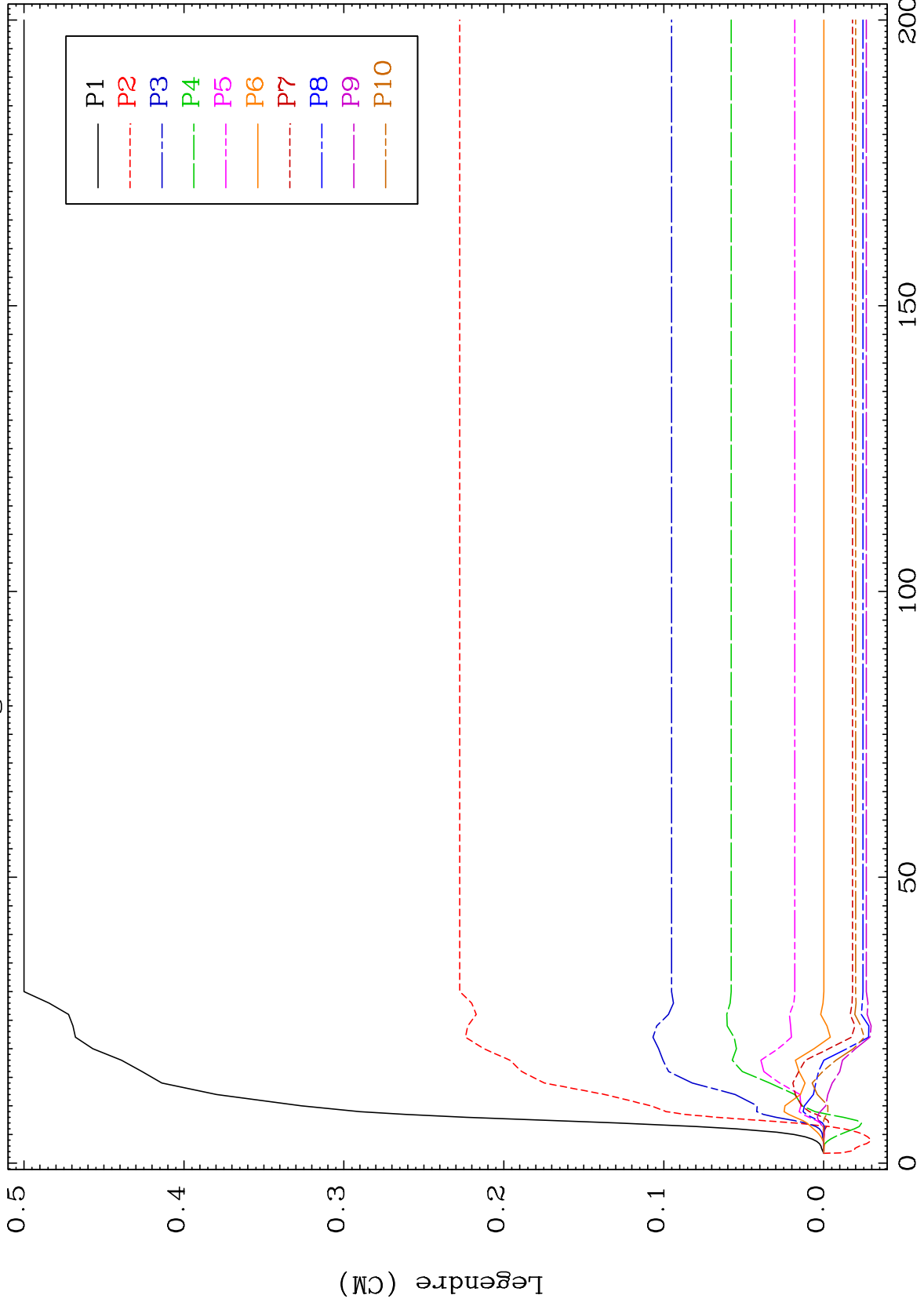
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



34

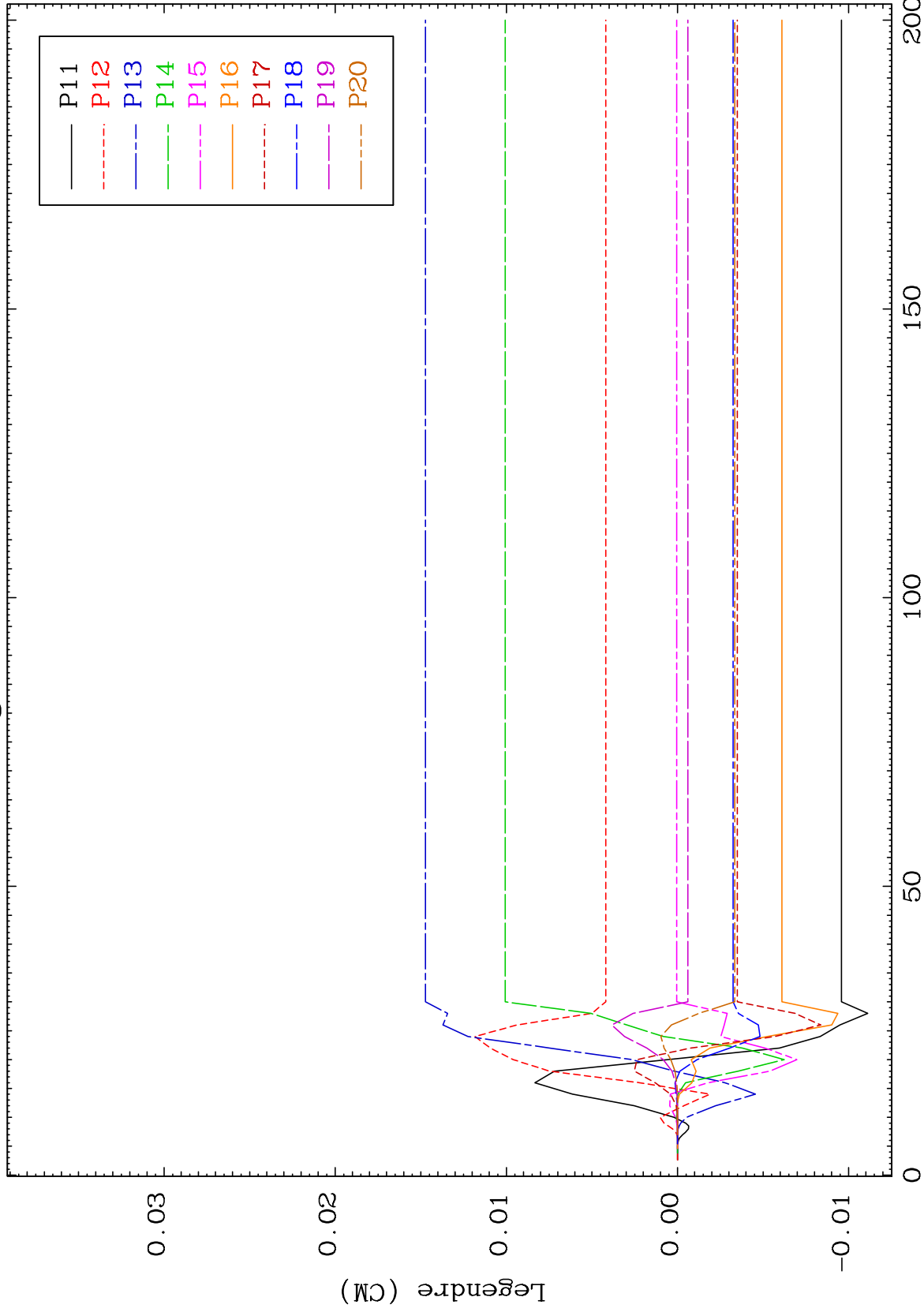
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



35

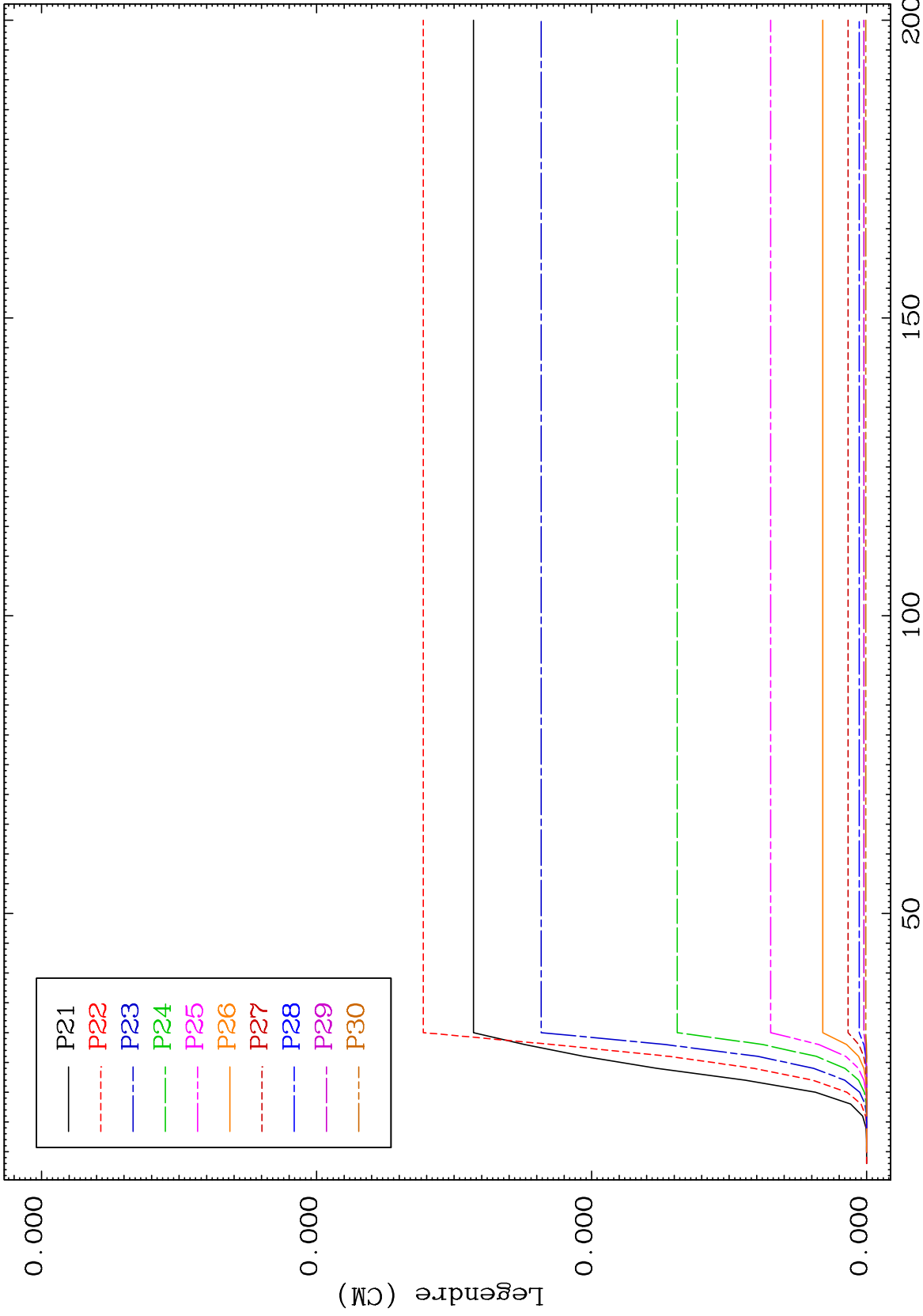
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



36

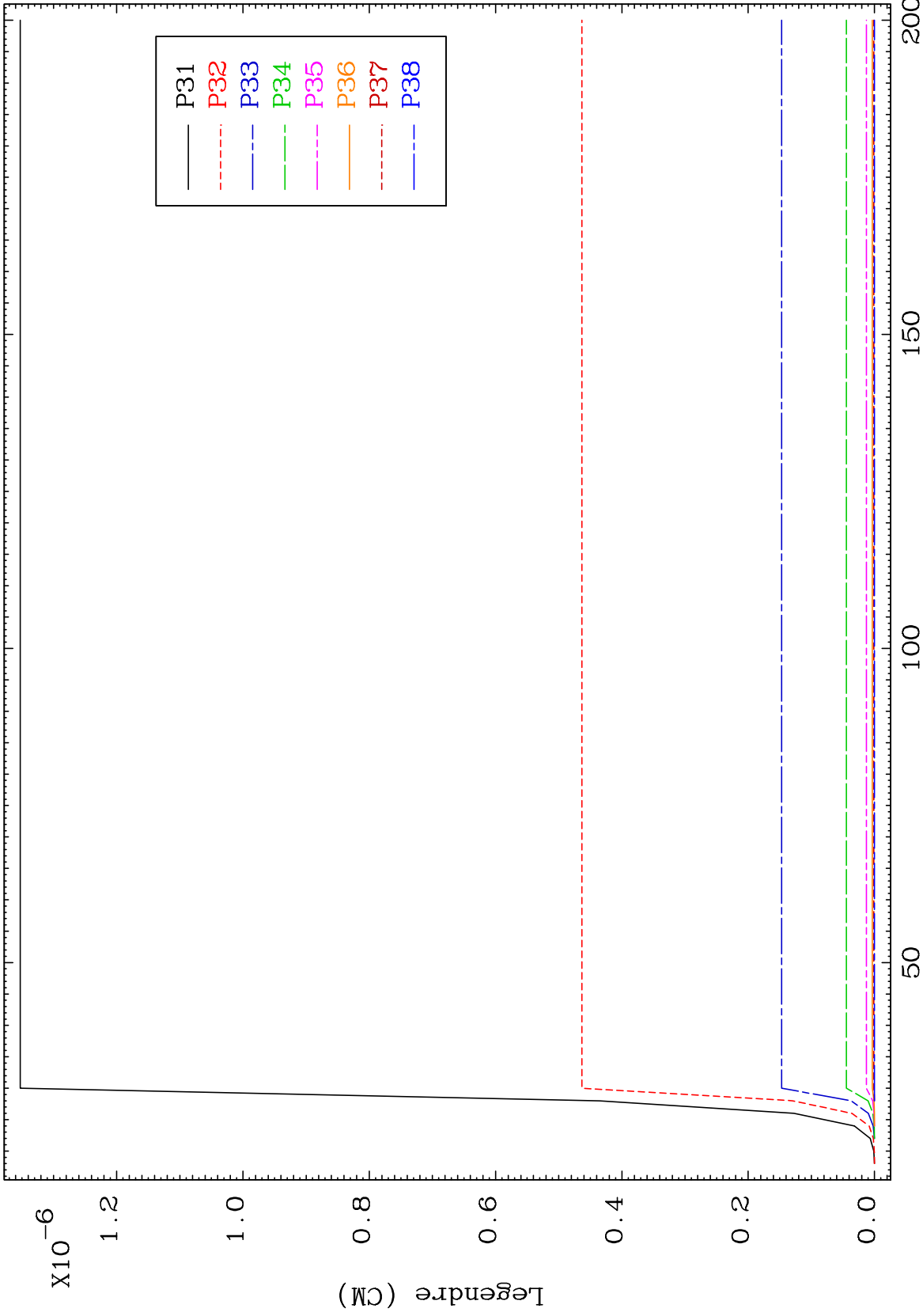
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



37

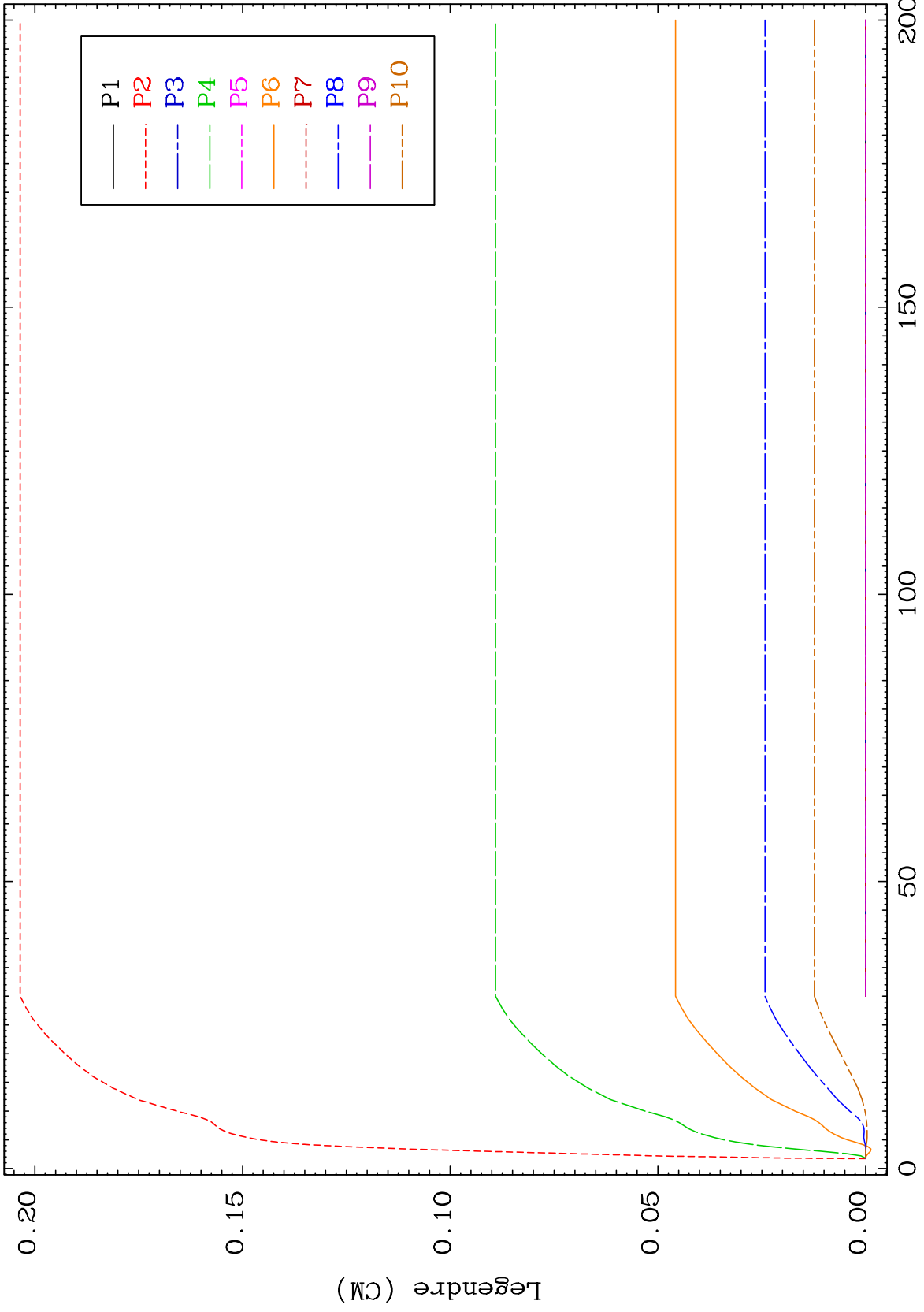
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

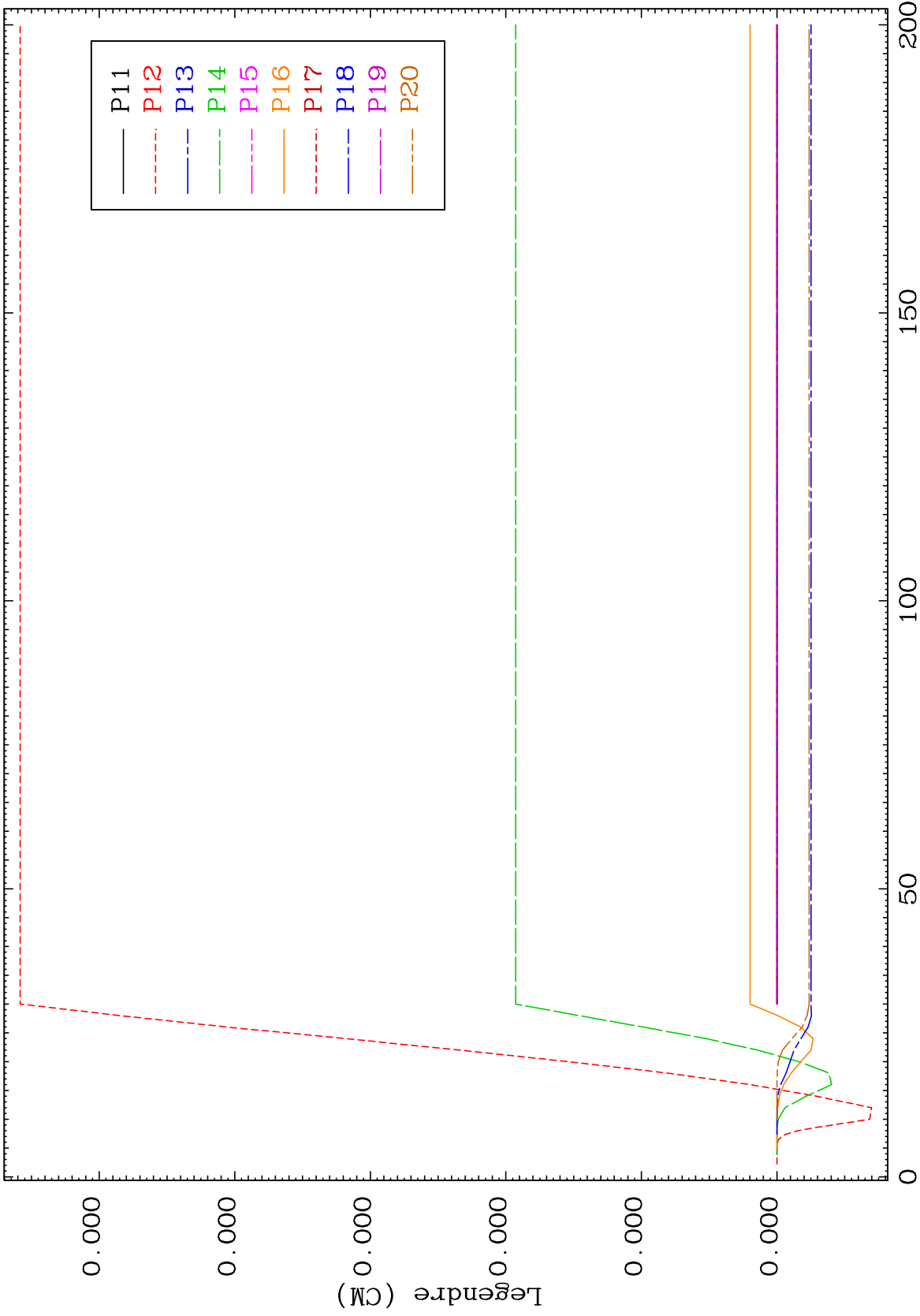
82-Pb-206



MAT 8231

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

82-Pb-206



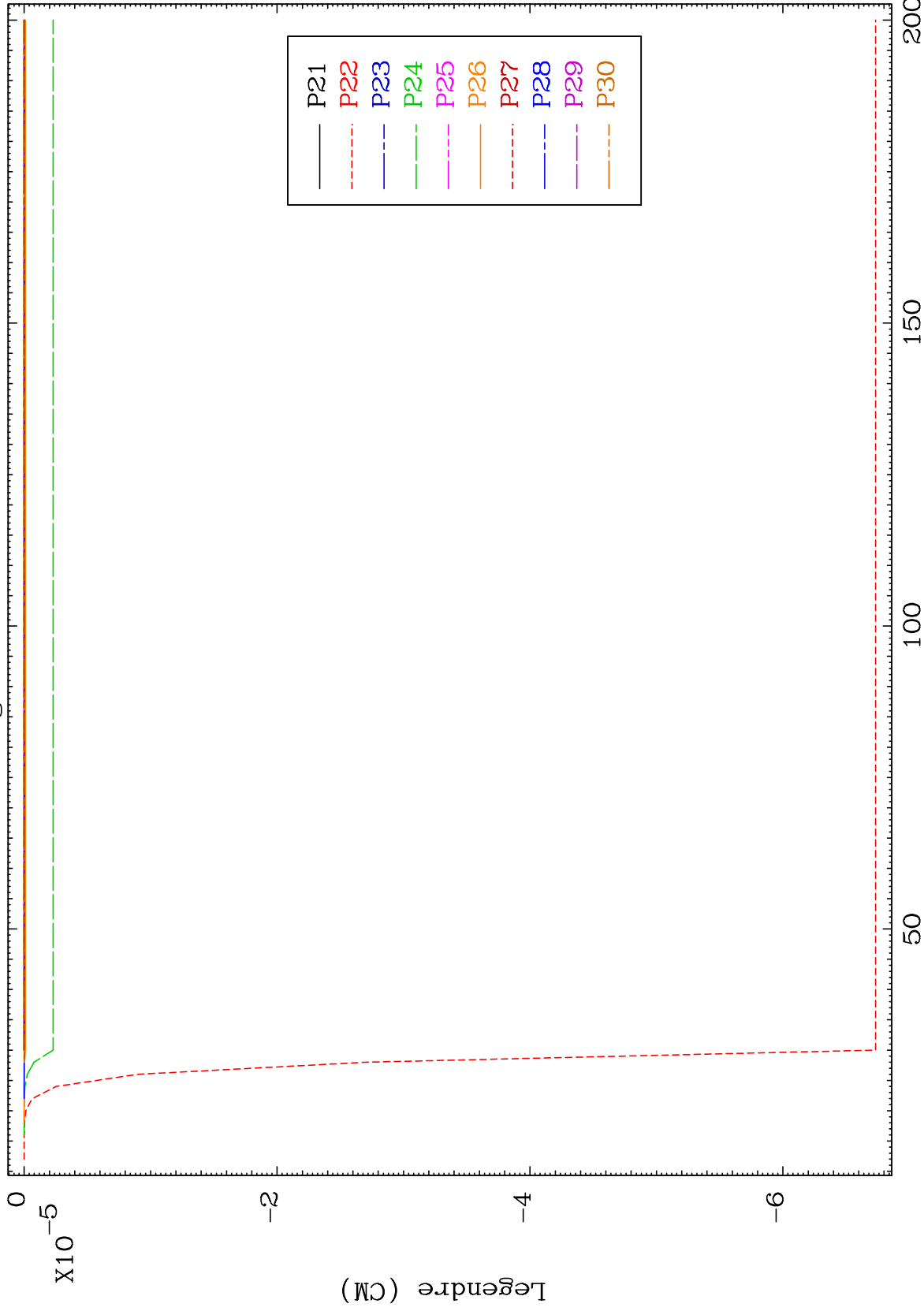
39

82-Pb-206

MAT 8231

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

82-Pb-206



40

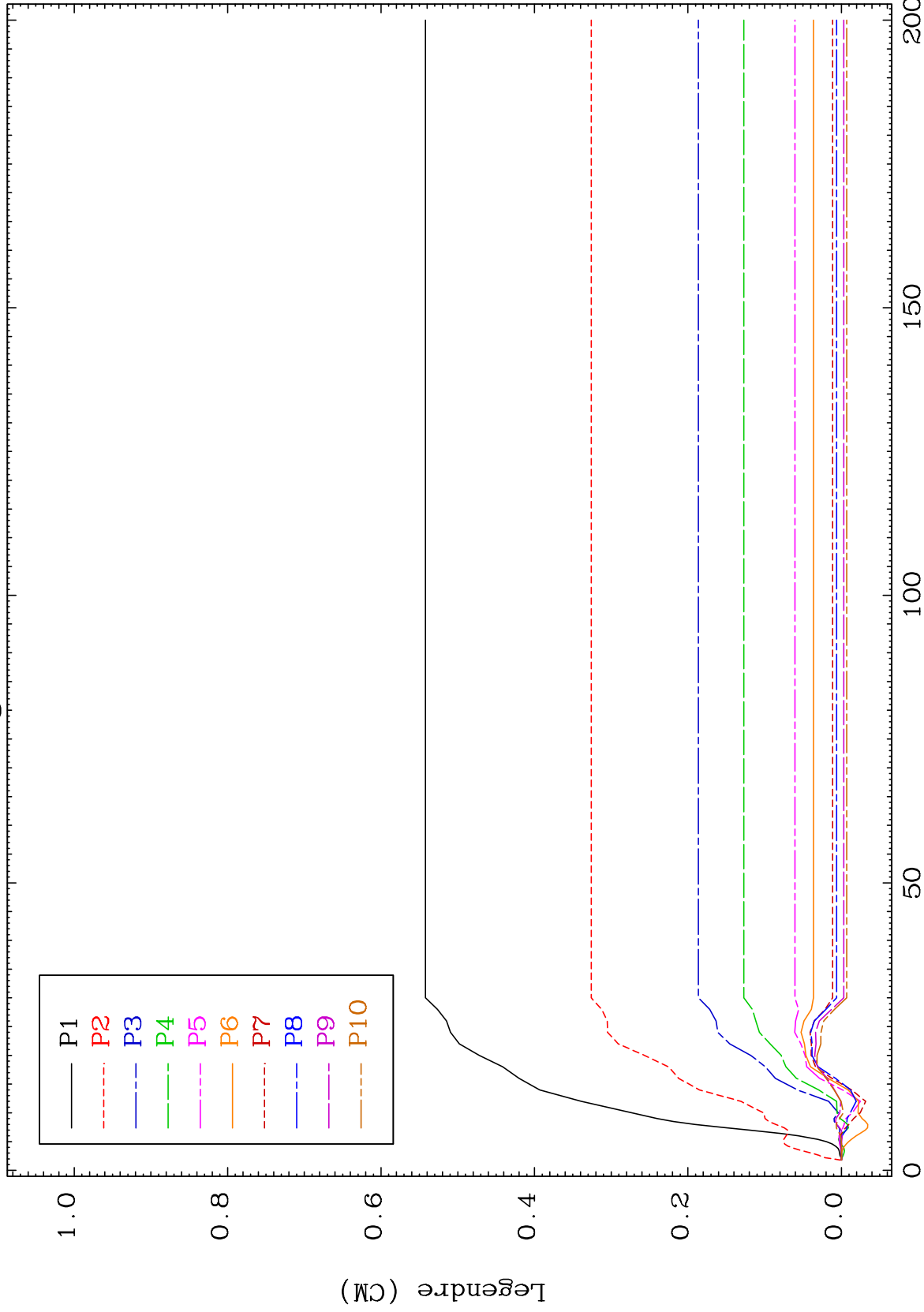
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



41

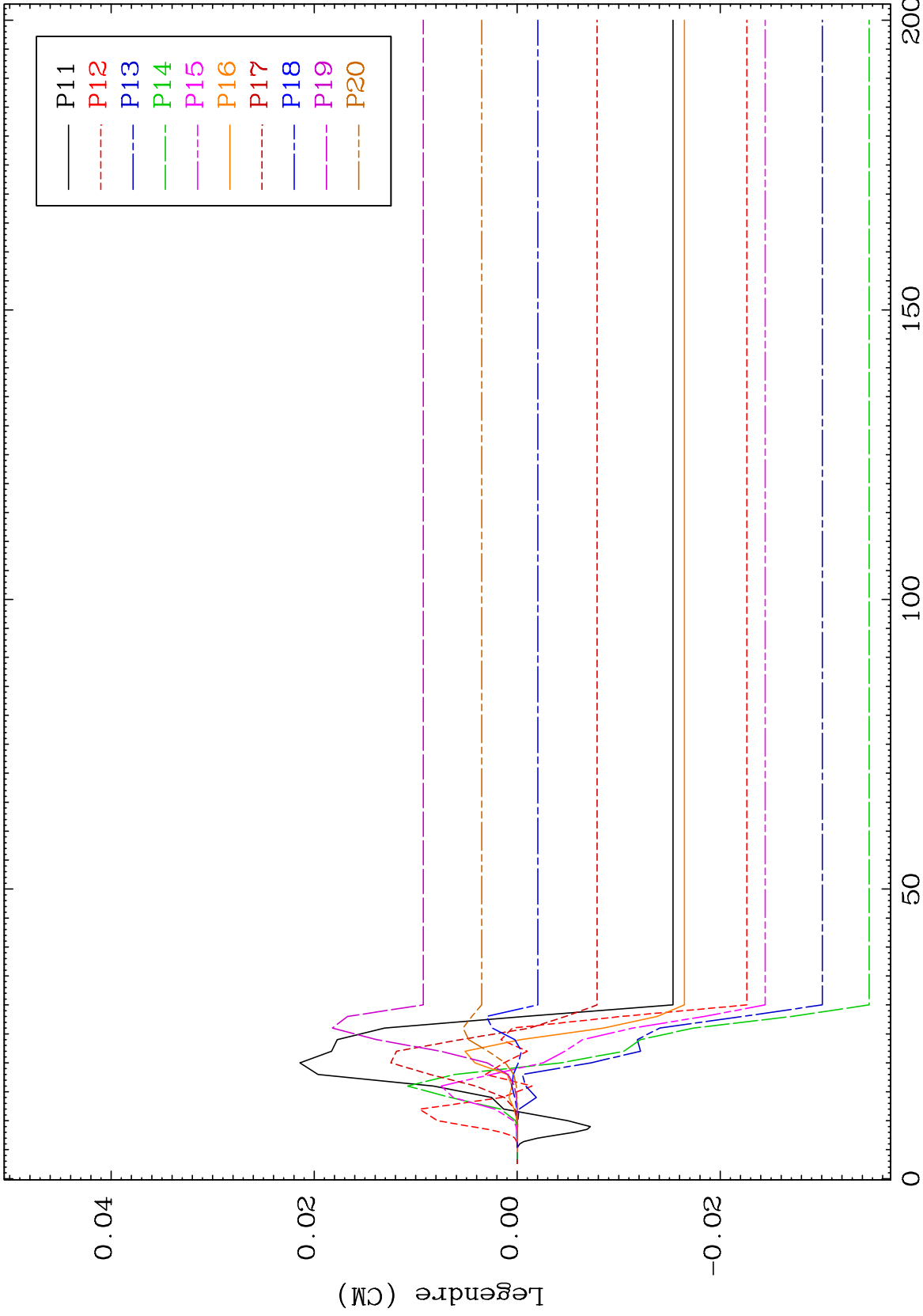
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



42

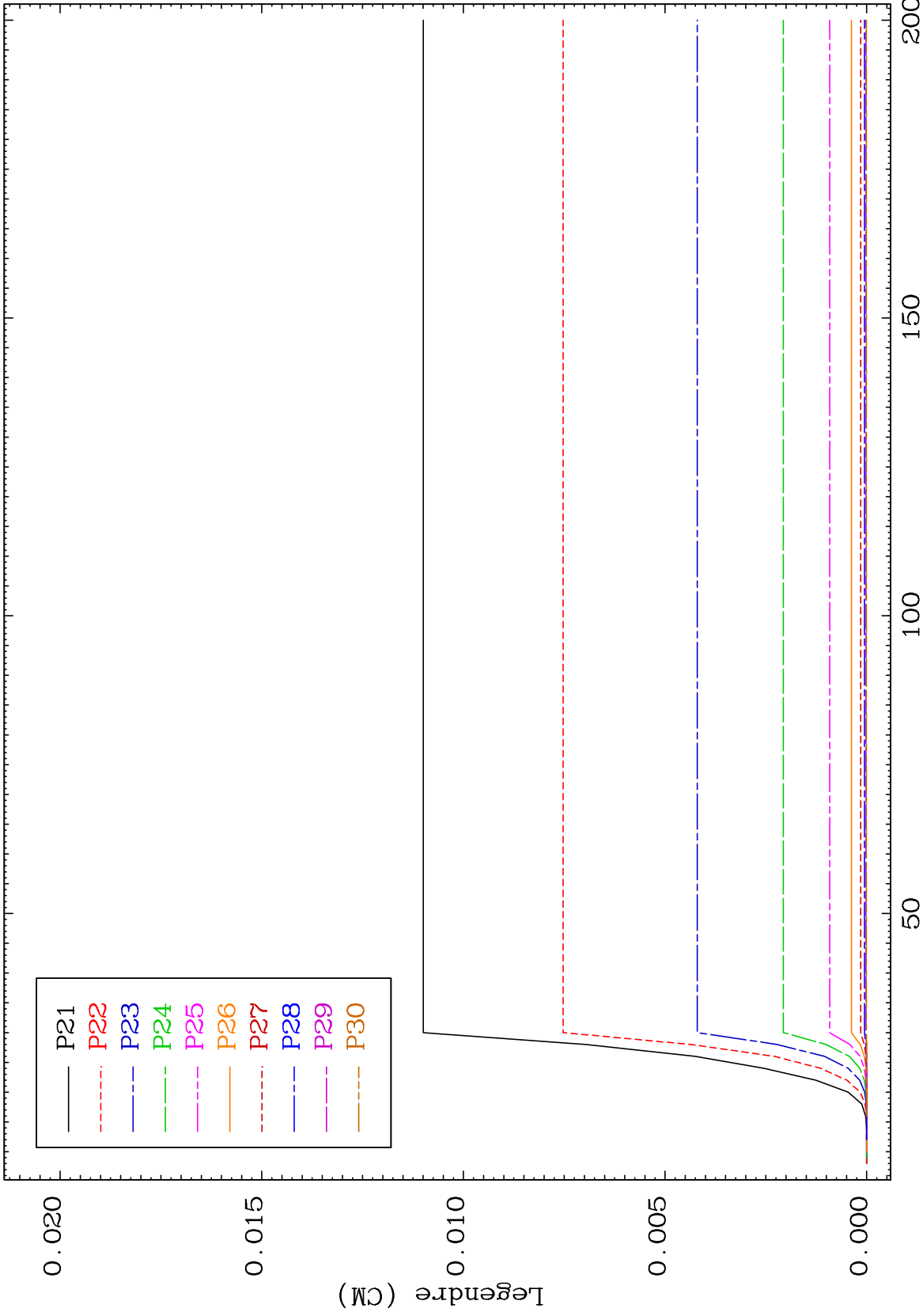
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



43

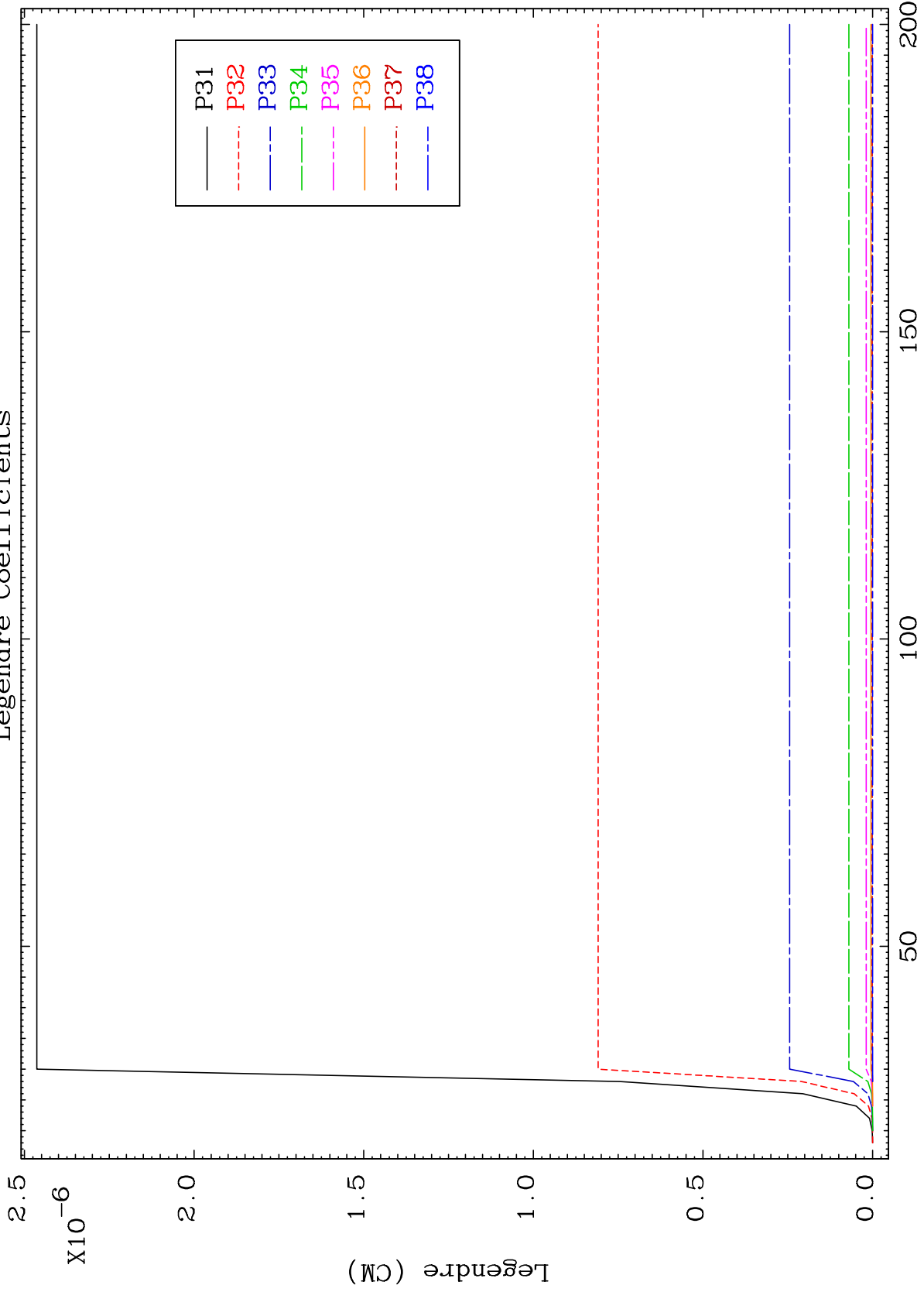
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



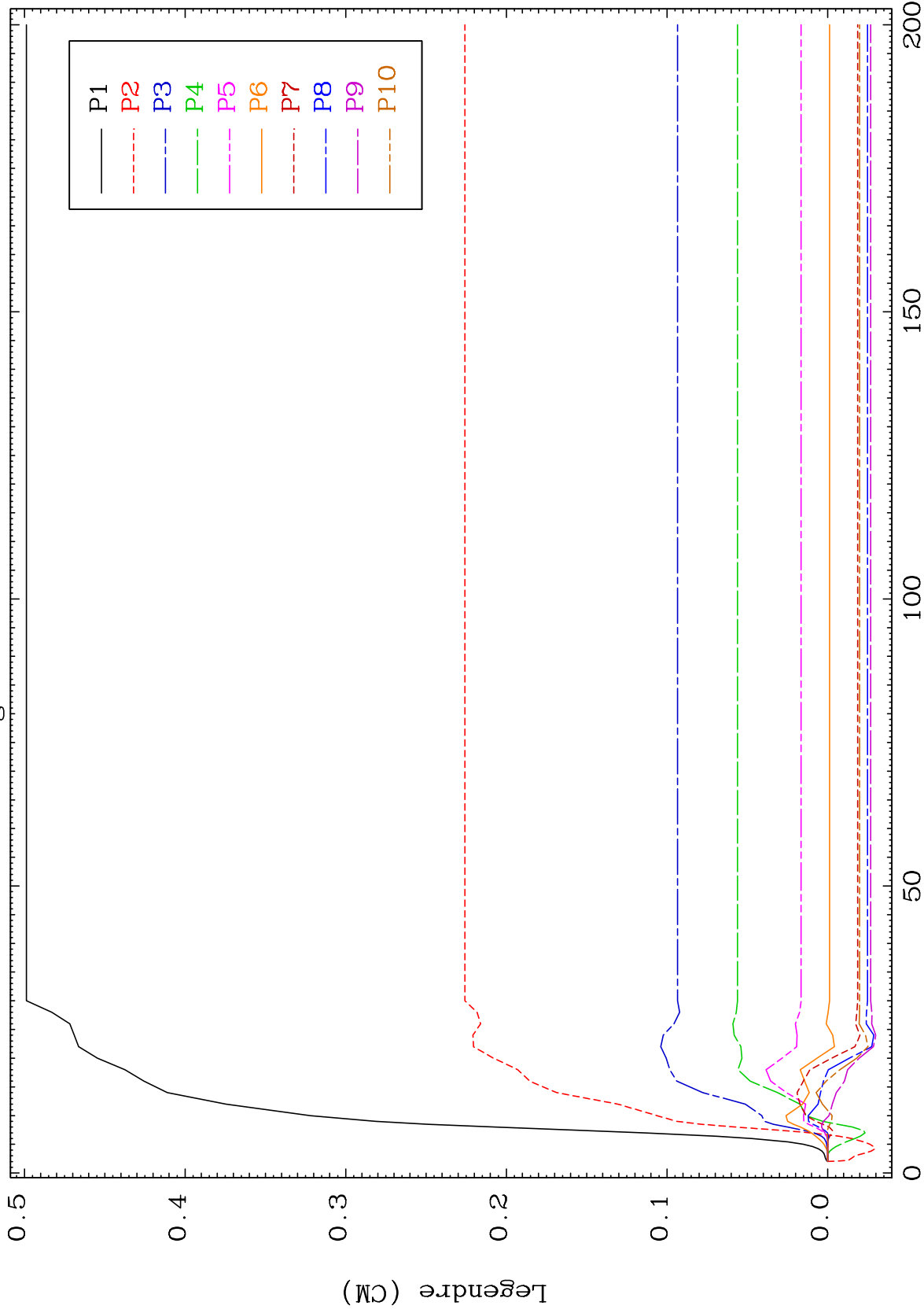
44

82-Pb-206

MAT 8231

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

82-Pb-206



45

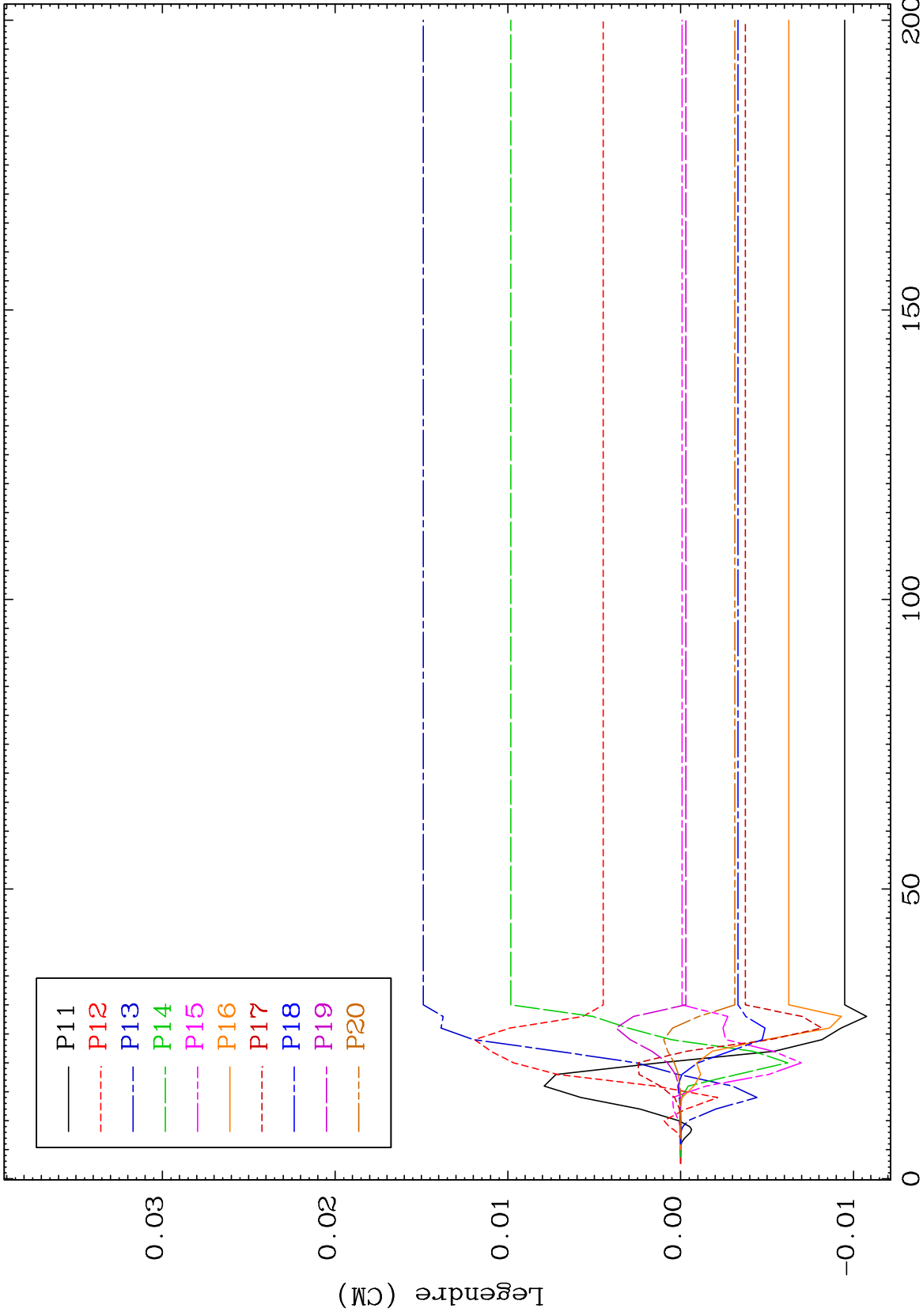
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



46

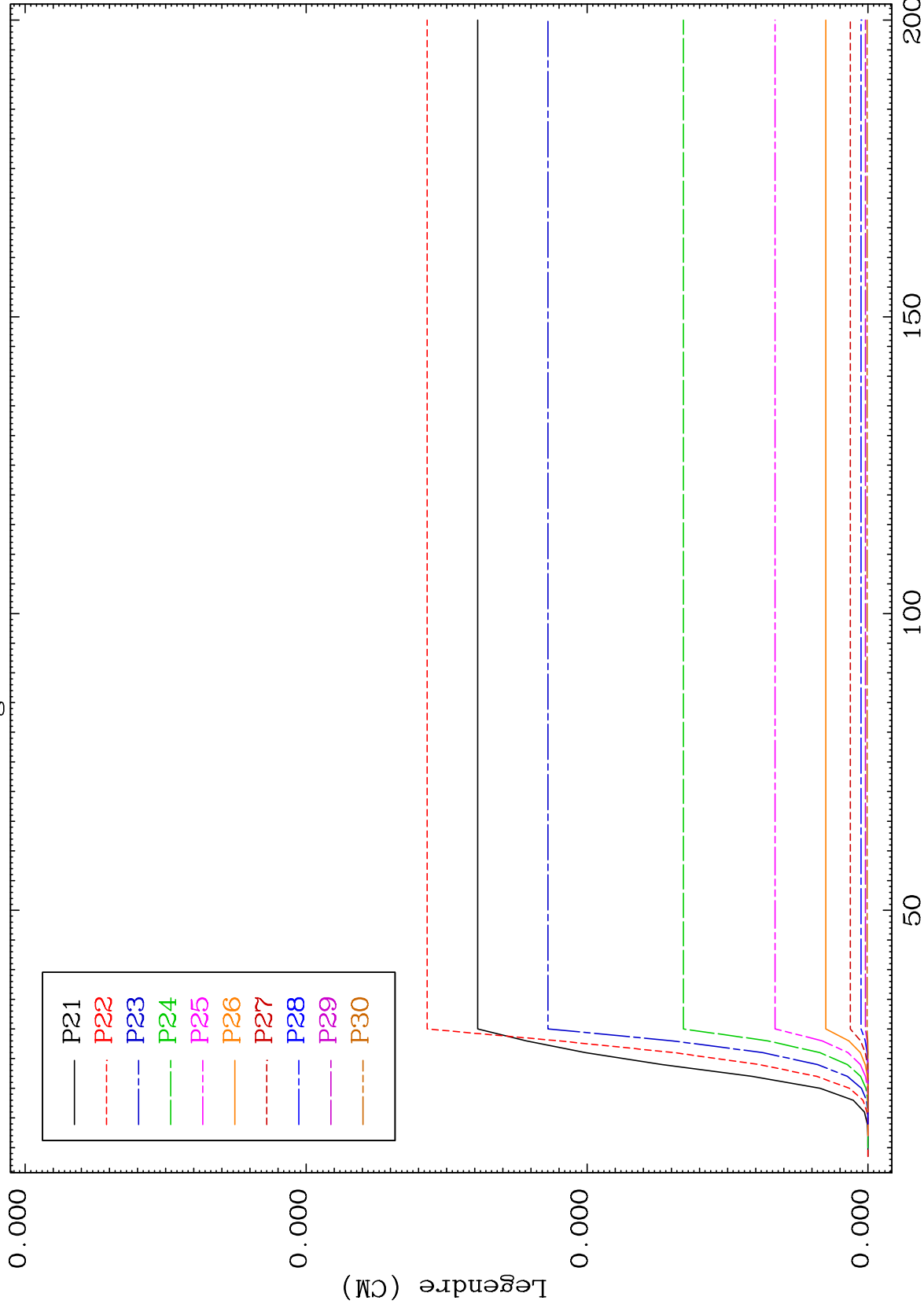
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



47

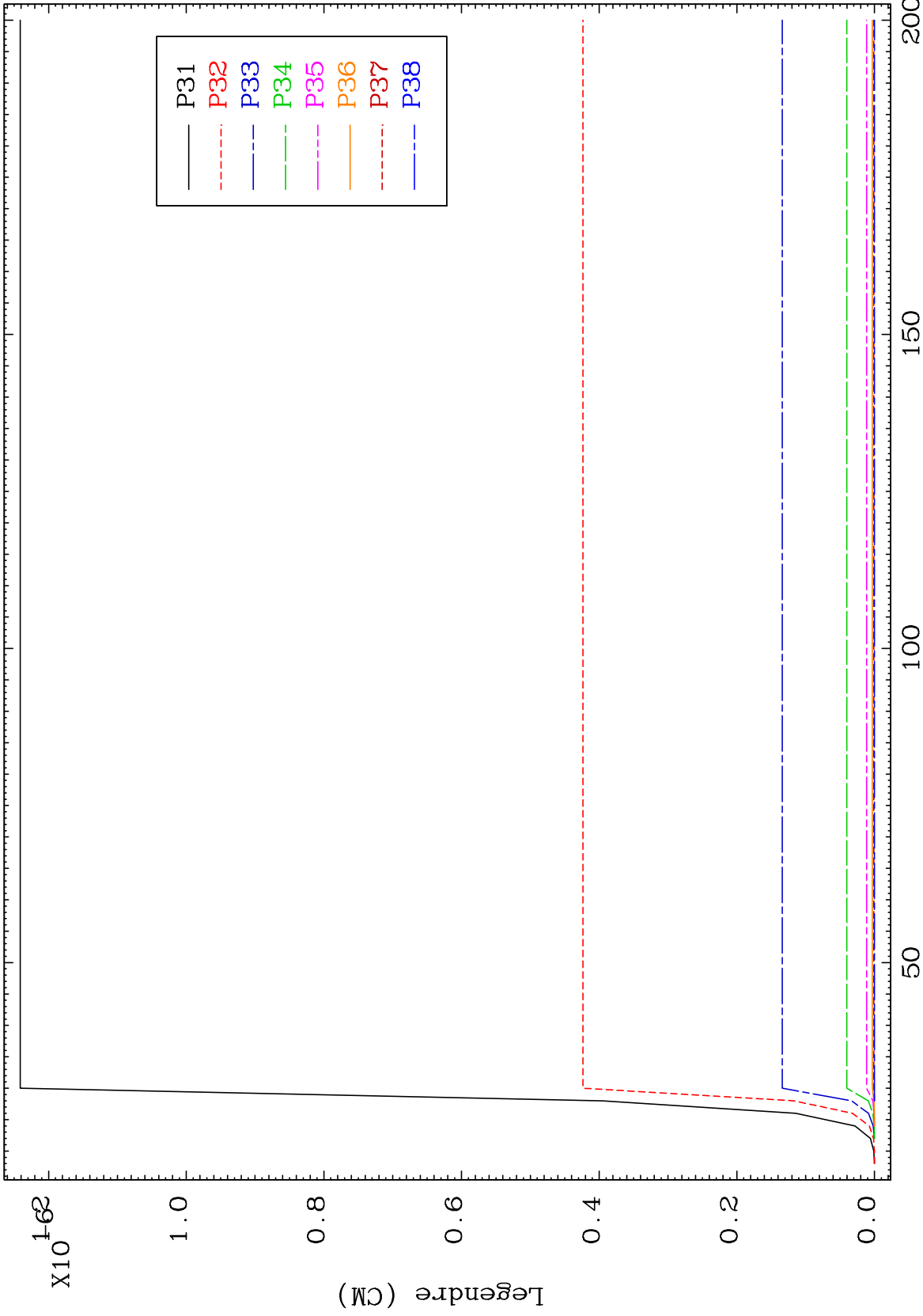
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



48

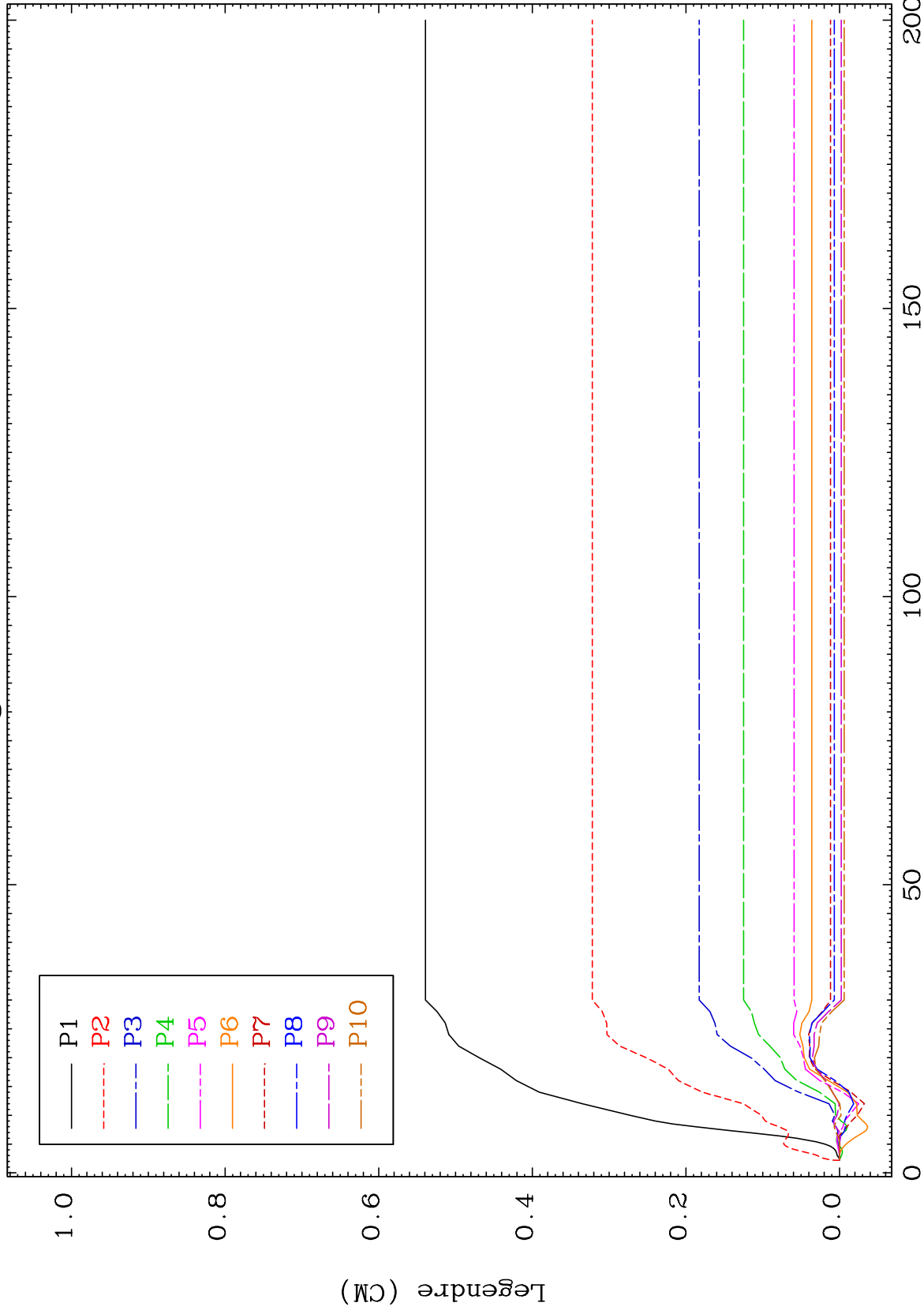
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



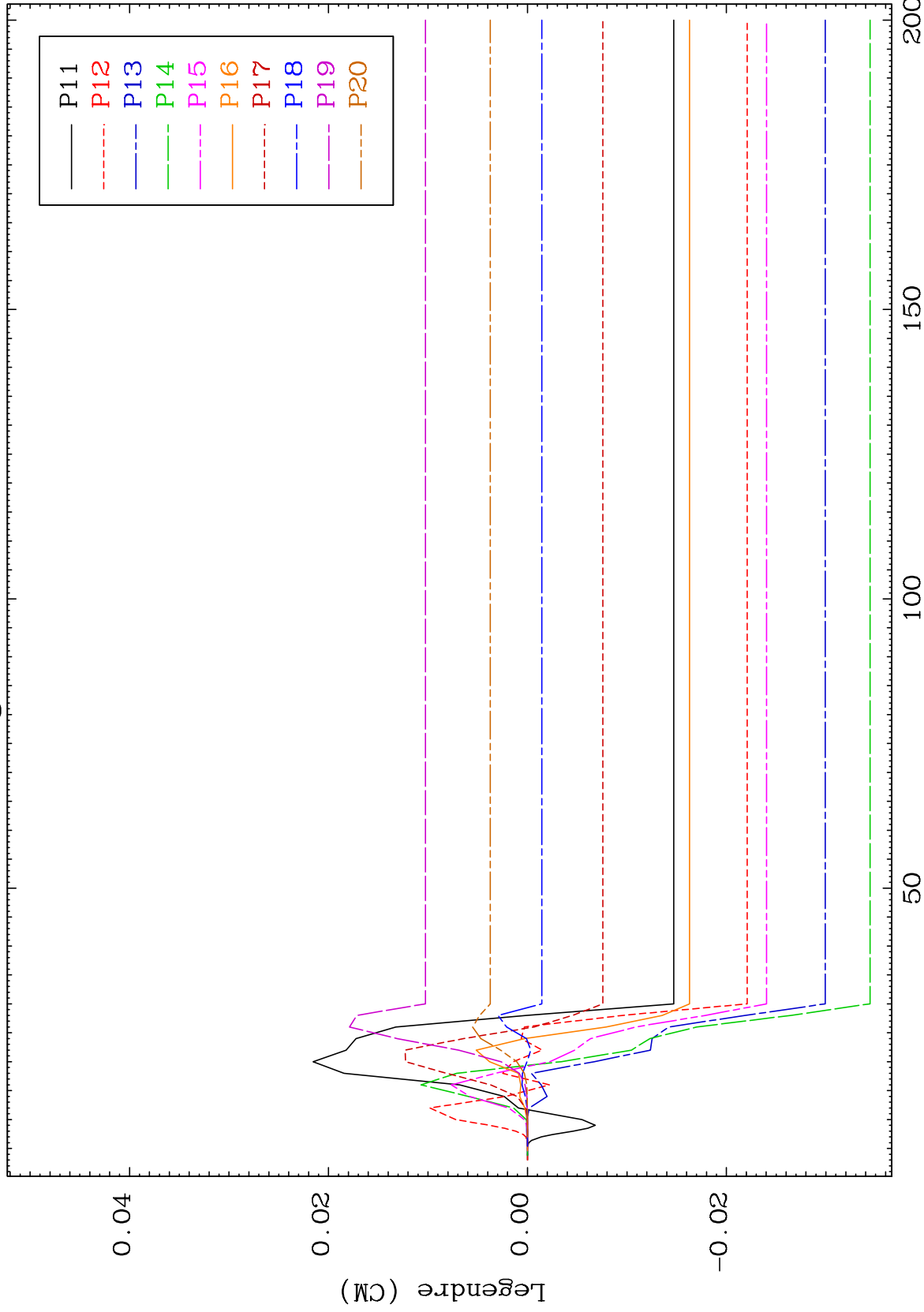
49

82-Pb-206

MAT 8231

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

82-Pb-206



50

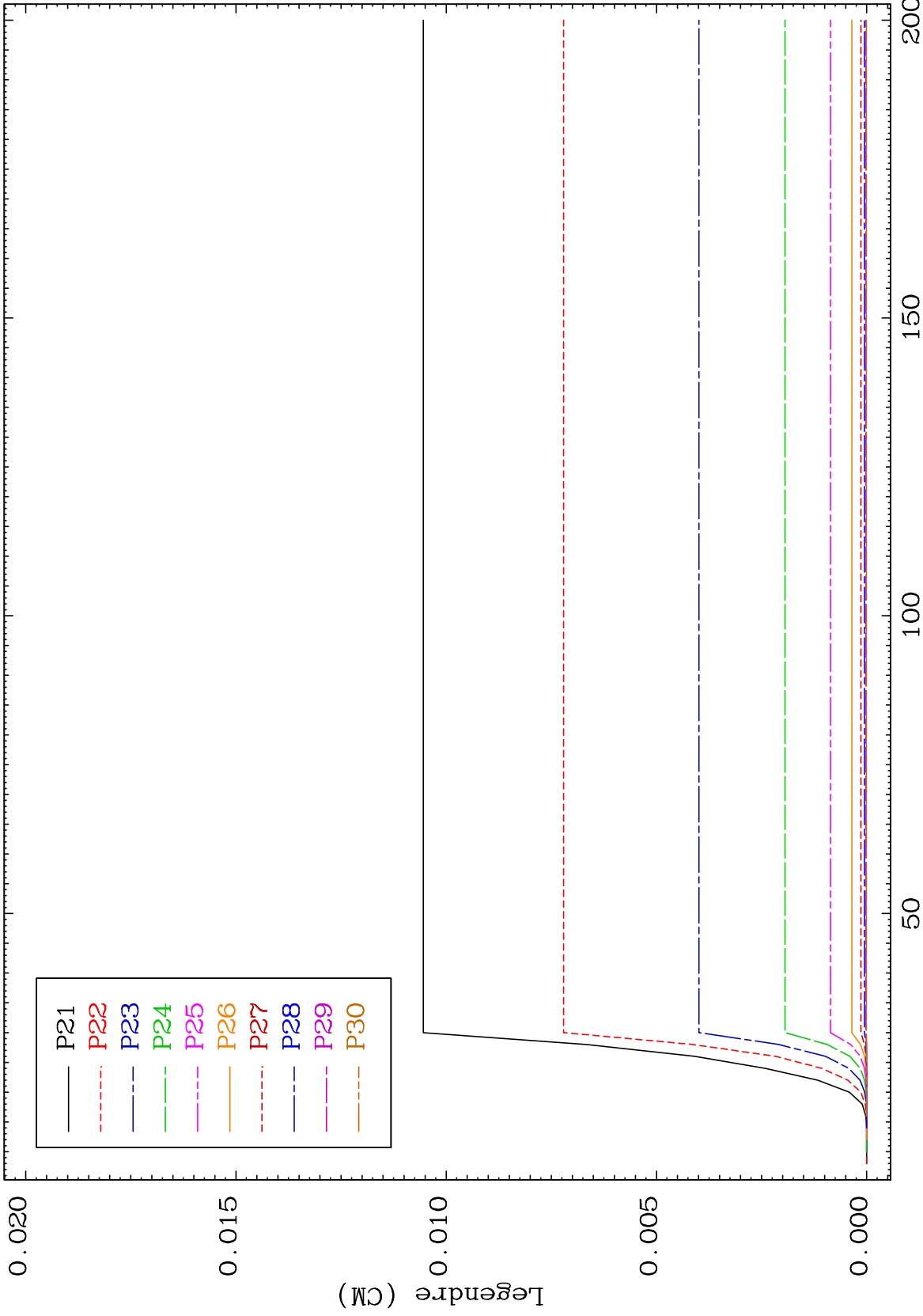
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



51

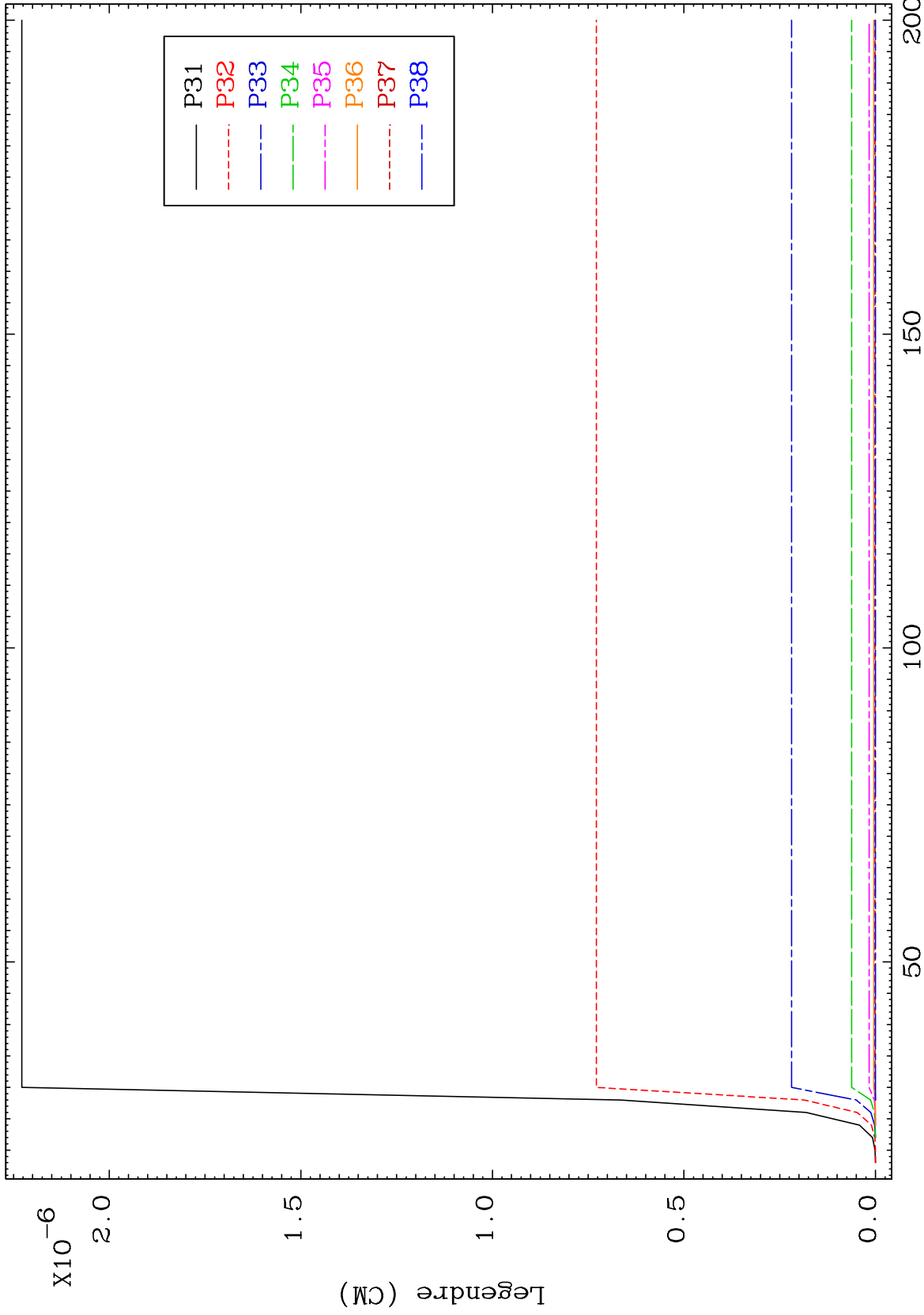
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



52

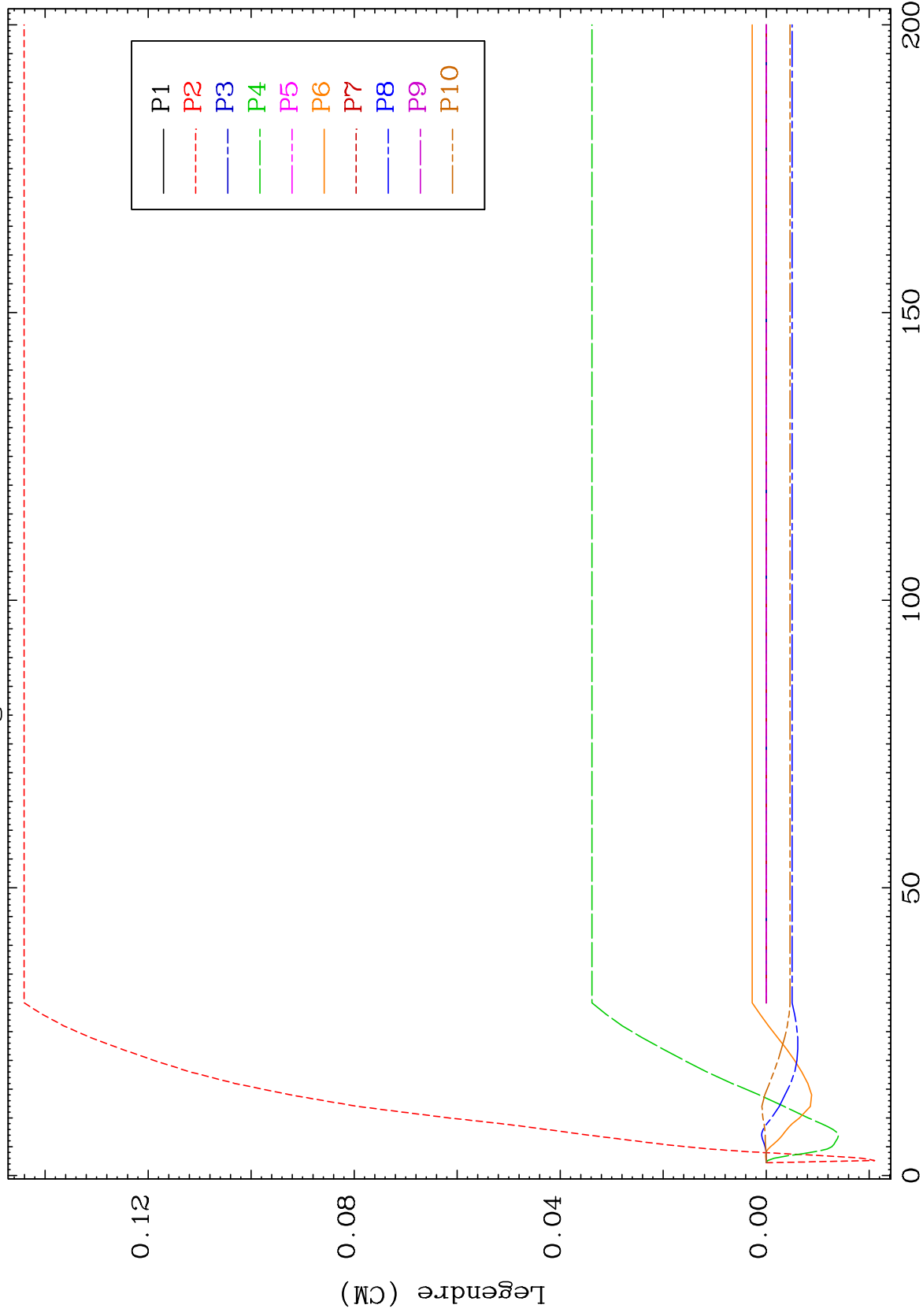
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



53

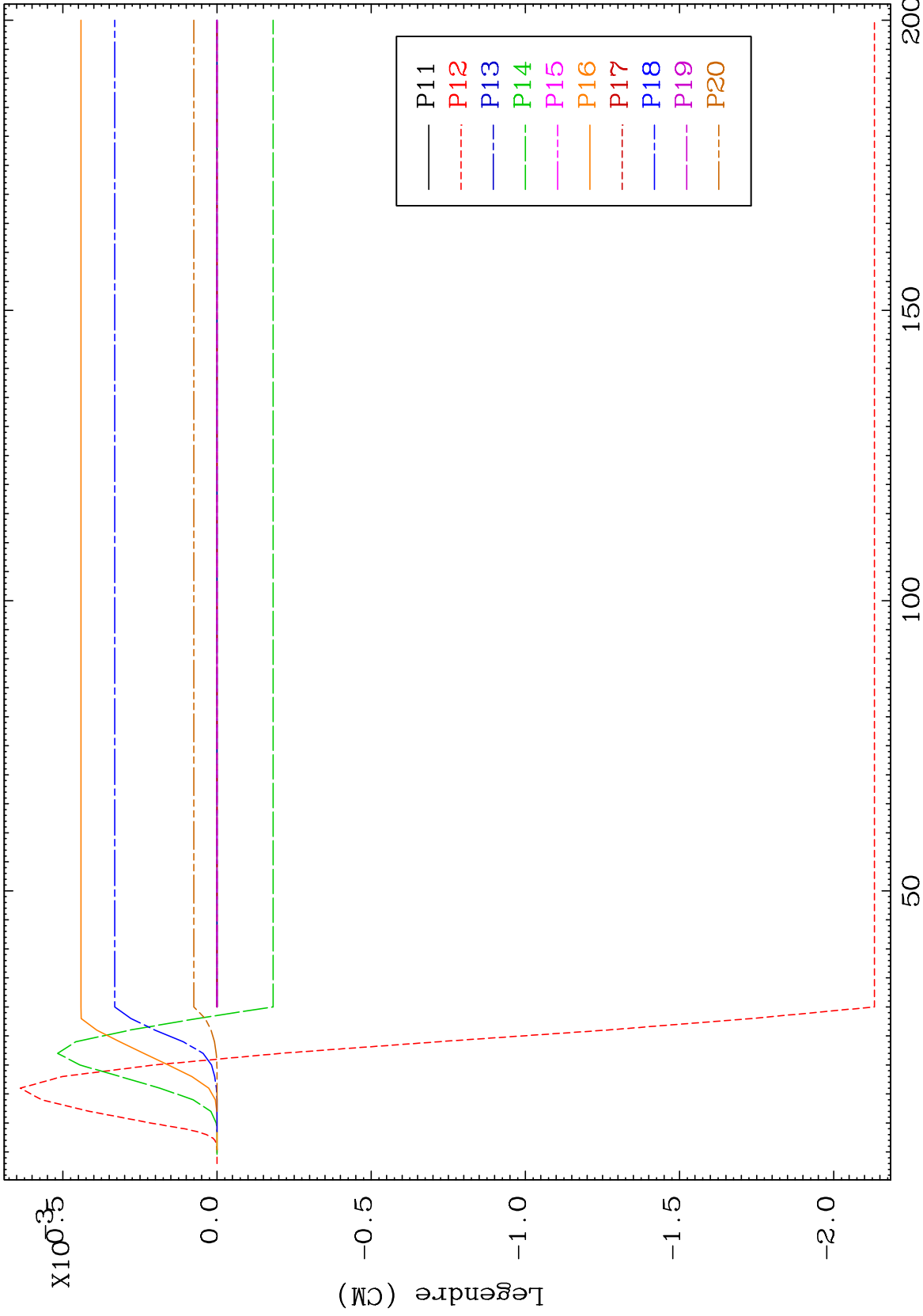
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



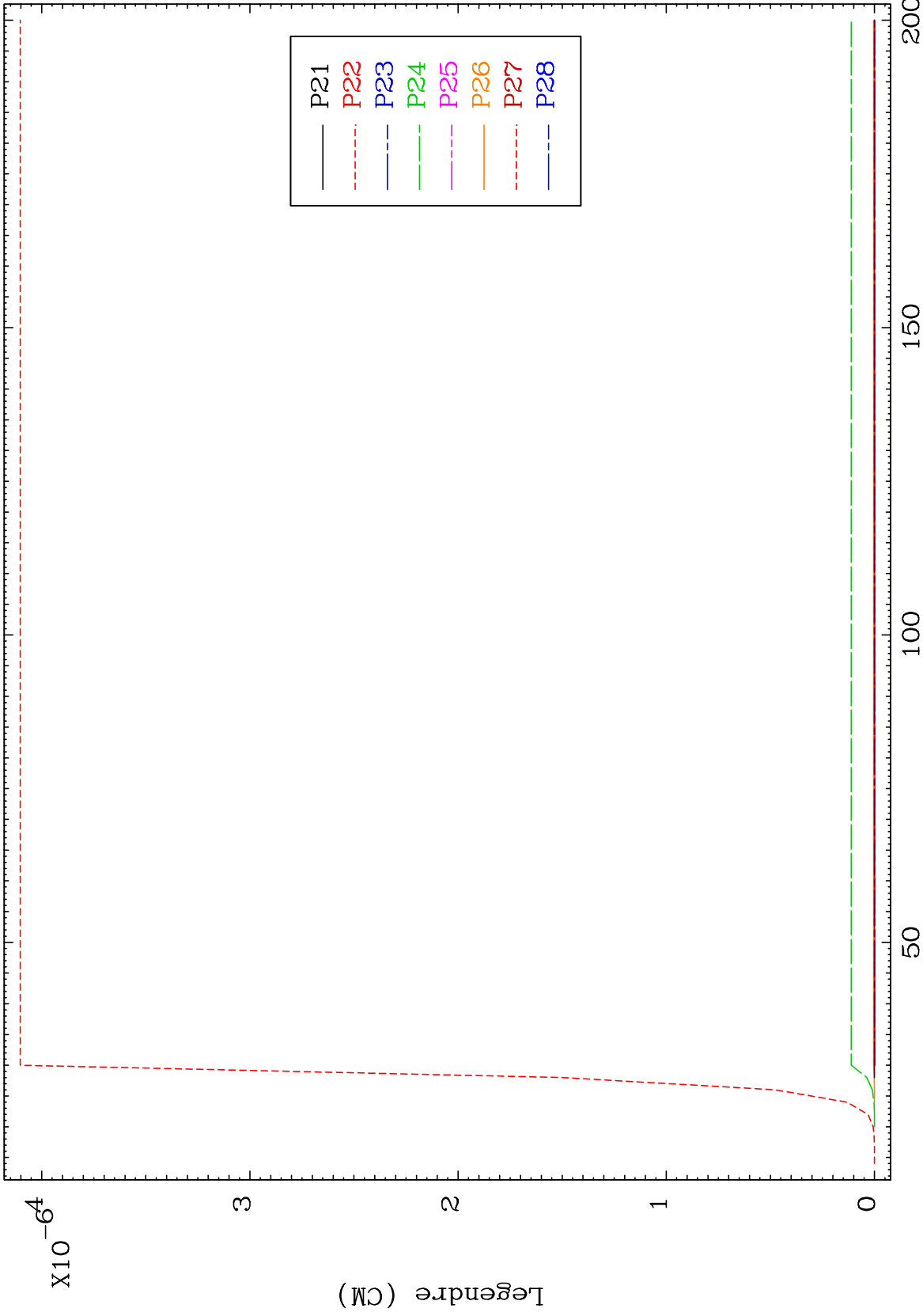
54

82-Pb-206

MAT 8231

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

82-Pb-206



55

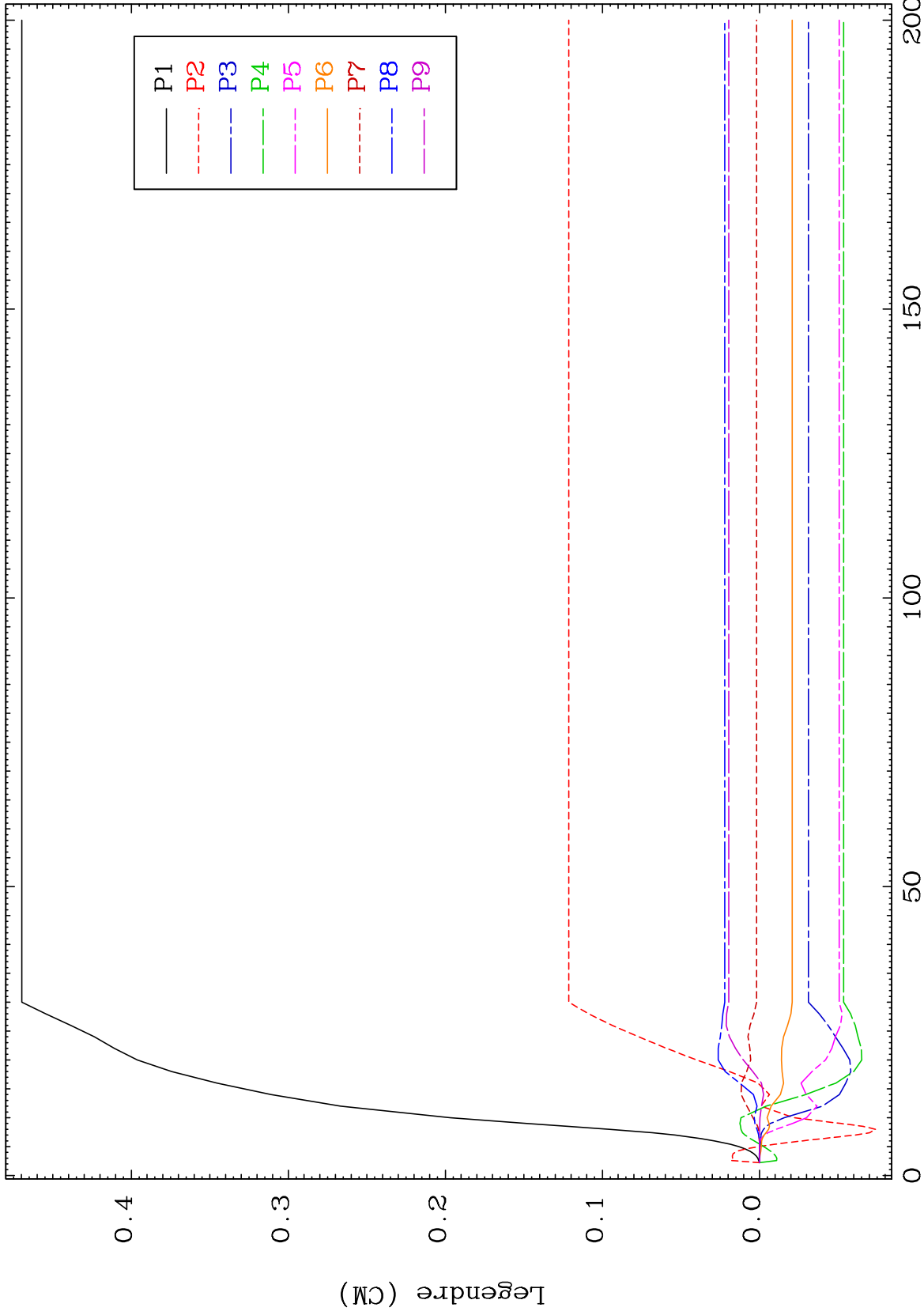
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



56

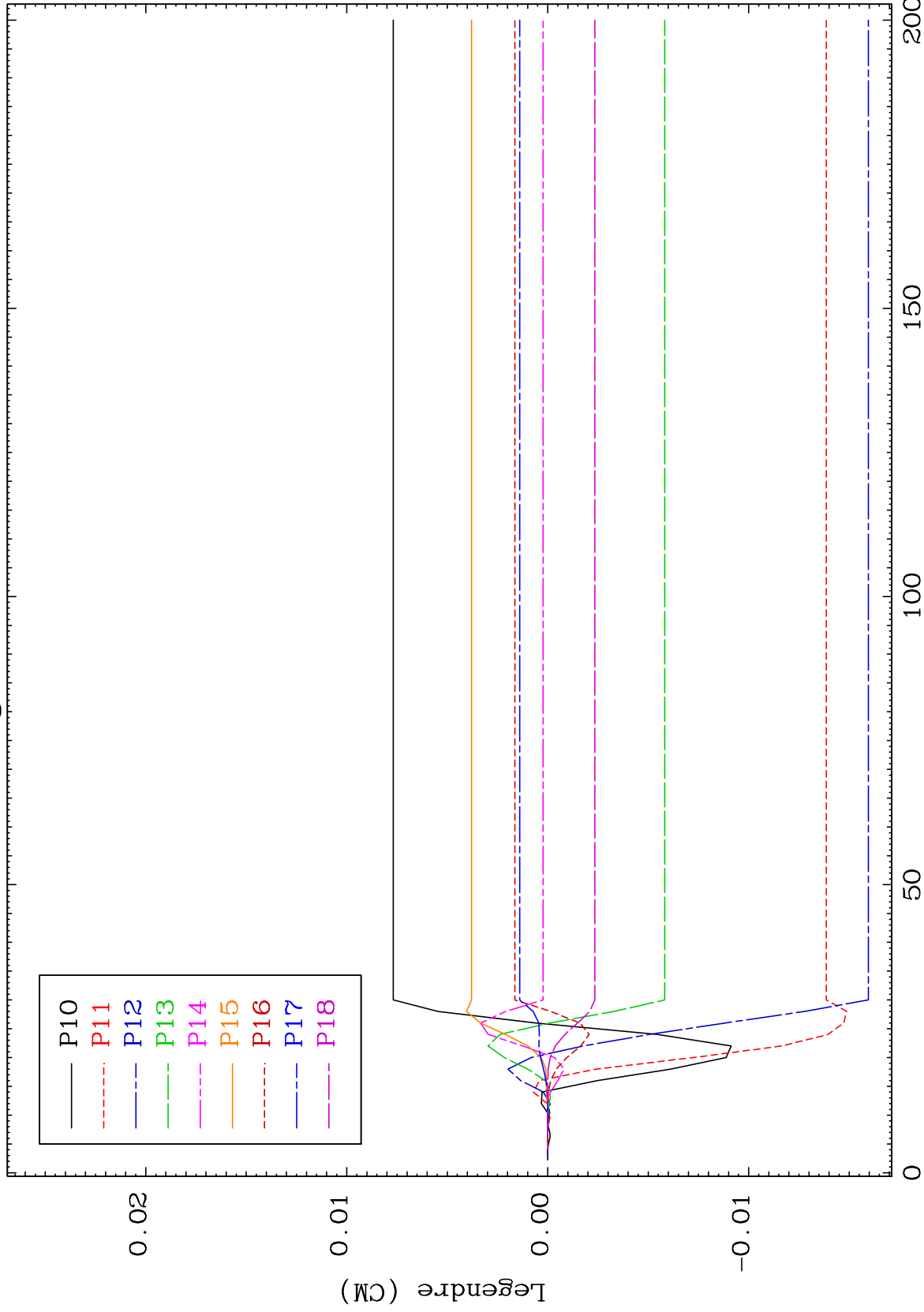
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



57

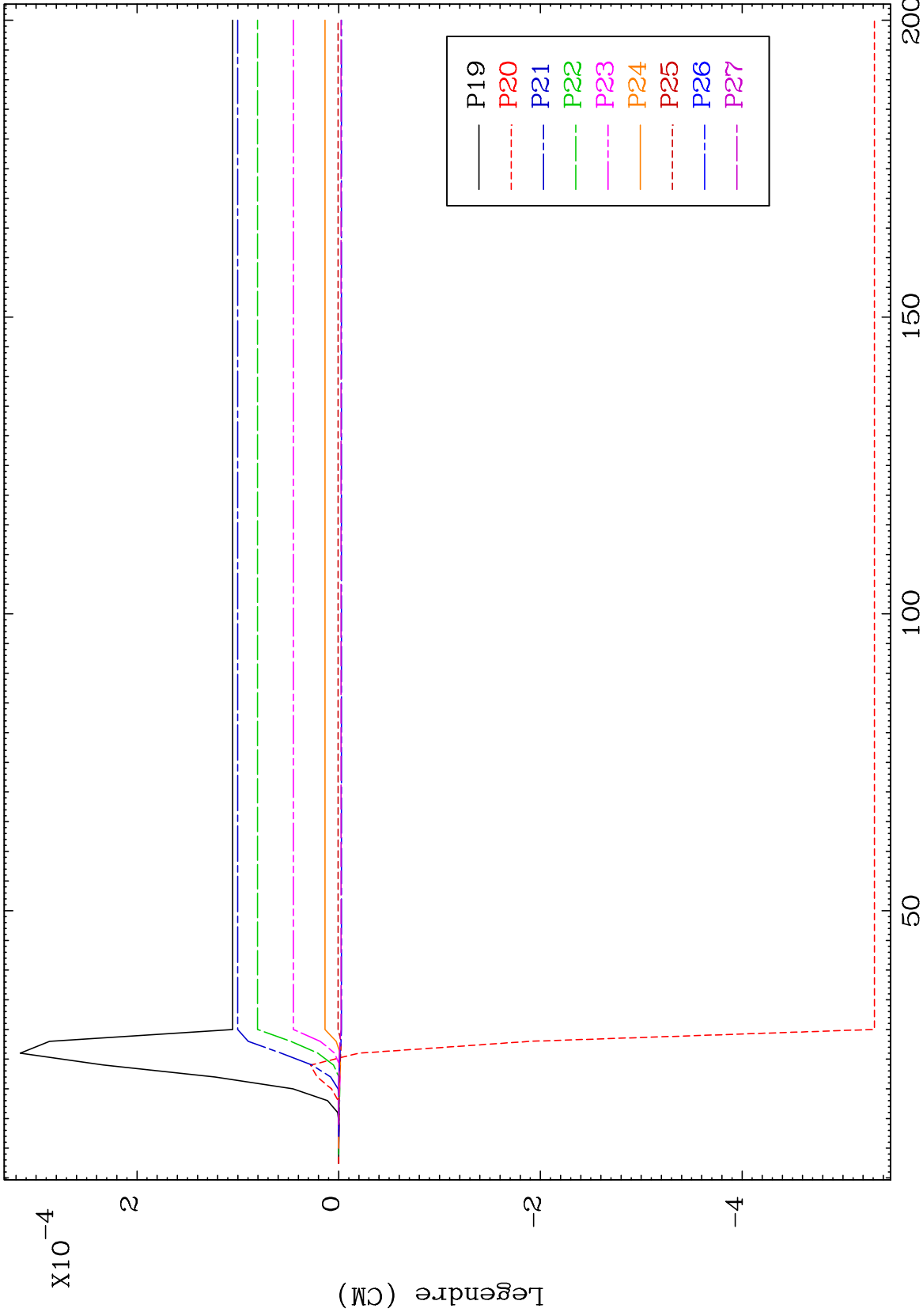
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



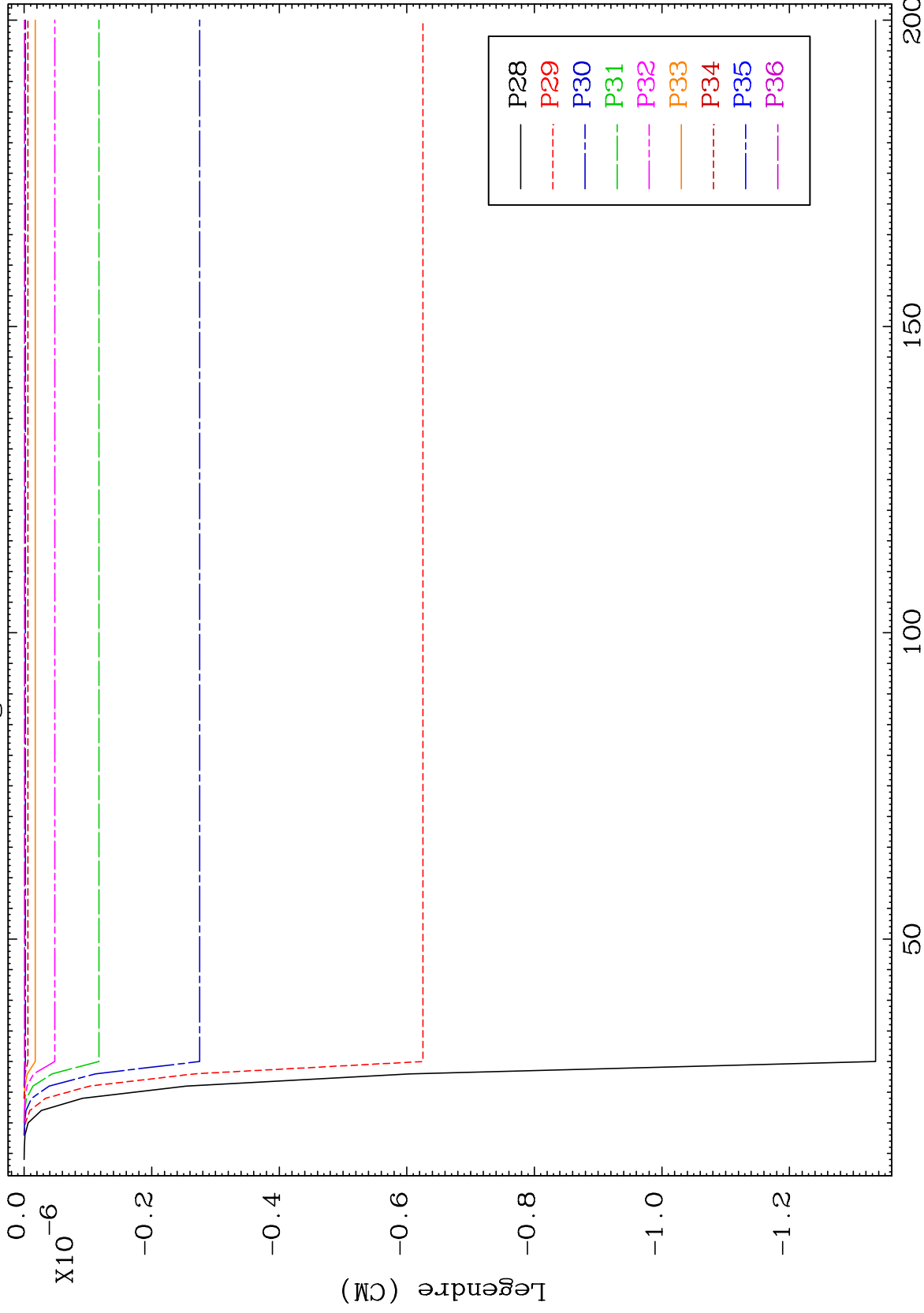
58

82-Pb-206

MAT 8231

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

82-Pb-206



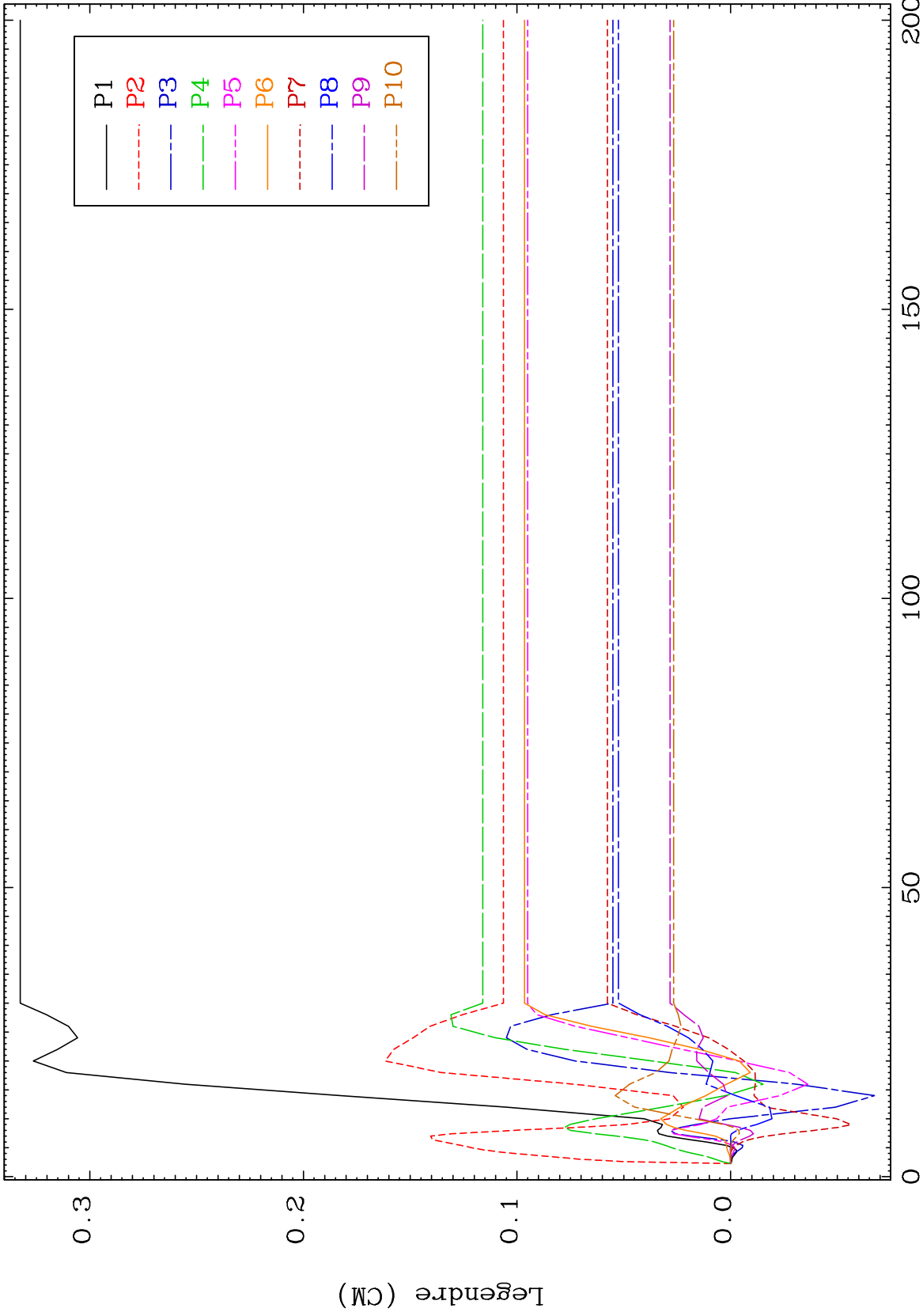
59

82-Pb-206

MAT 8231

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

82-Pb-206



82-Pb-206

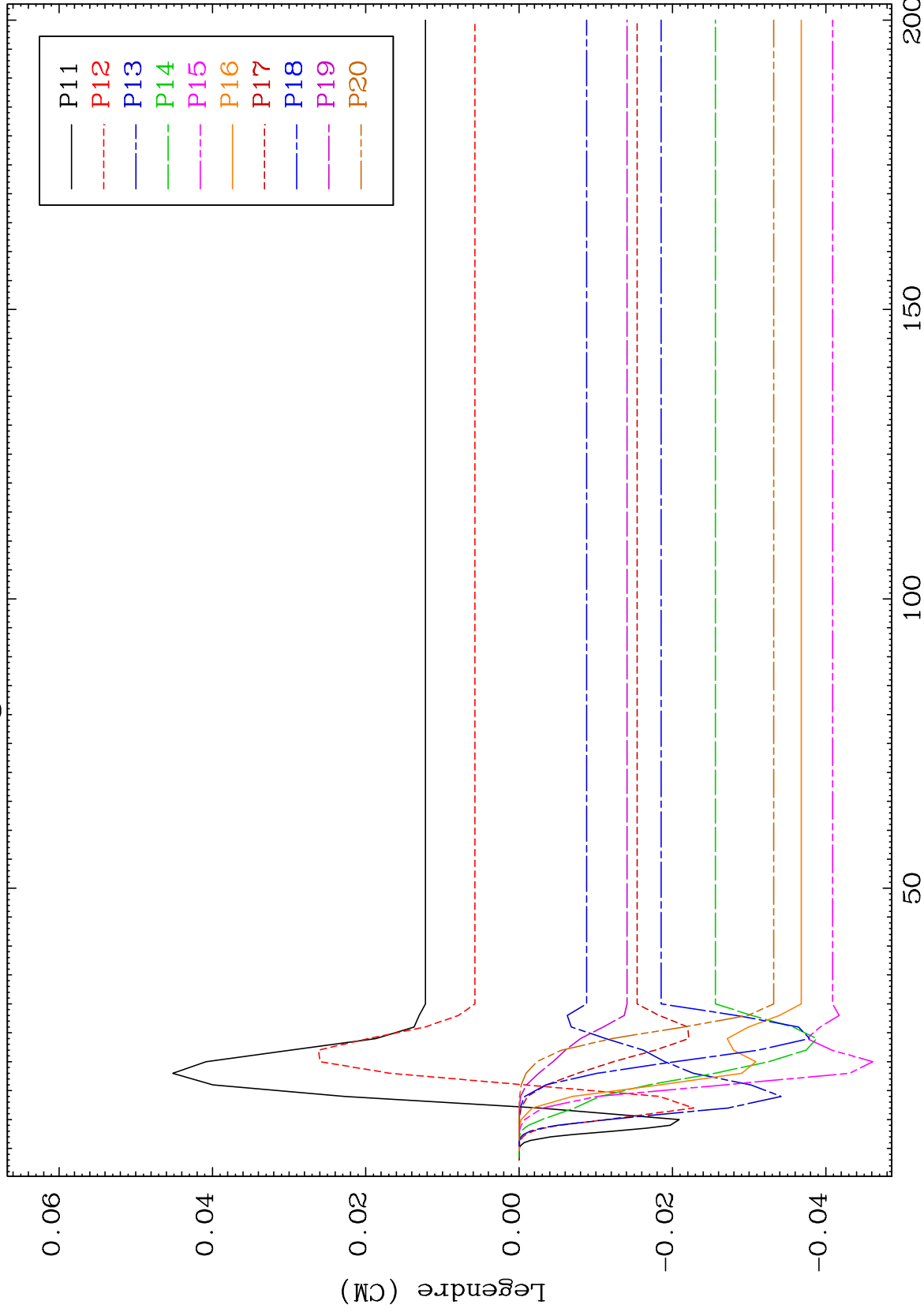
Incident Energy (MeV)

60

MAT 8231

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

82-Pb-206



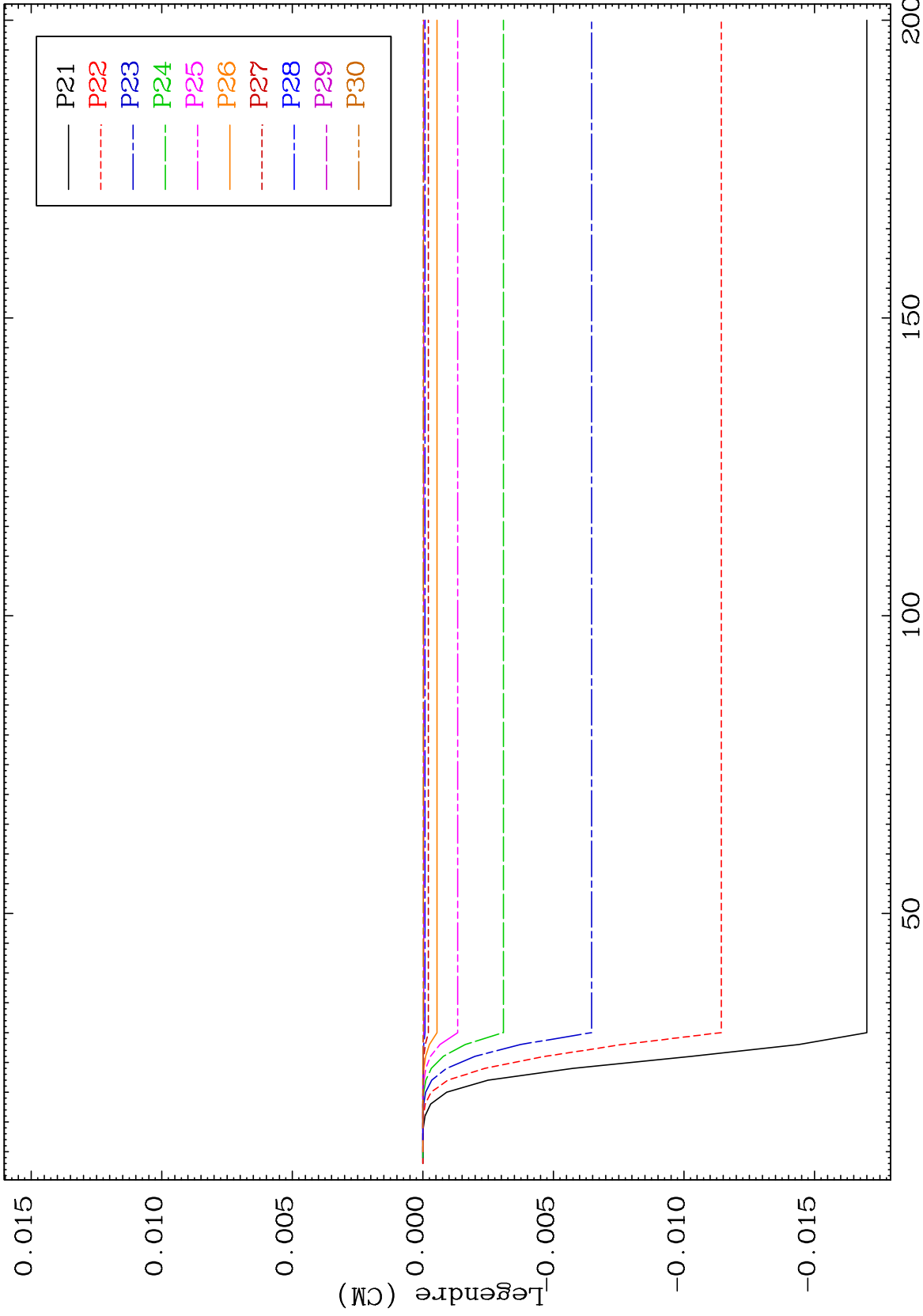
61

82-Pb-206

MAT 8231

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

82-Pb-206



62

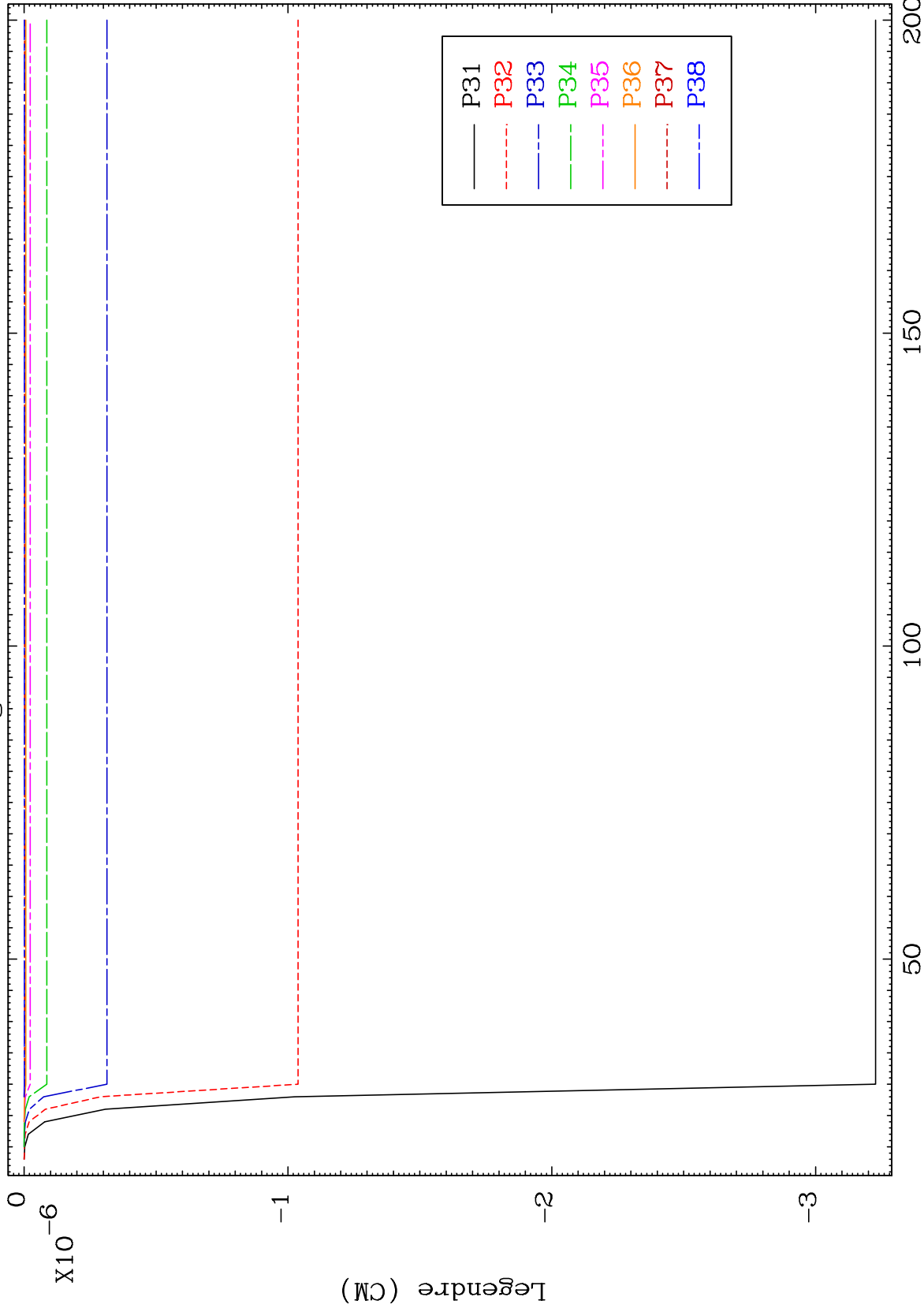
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



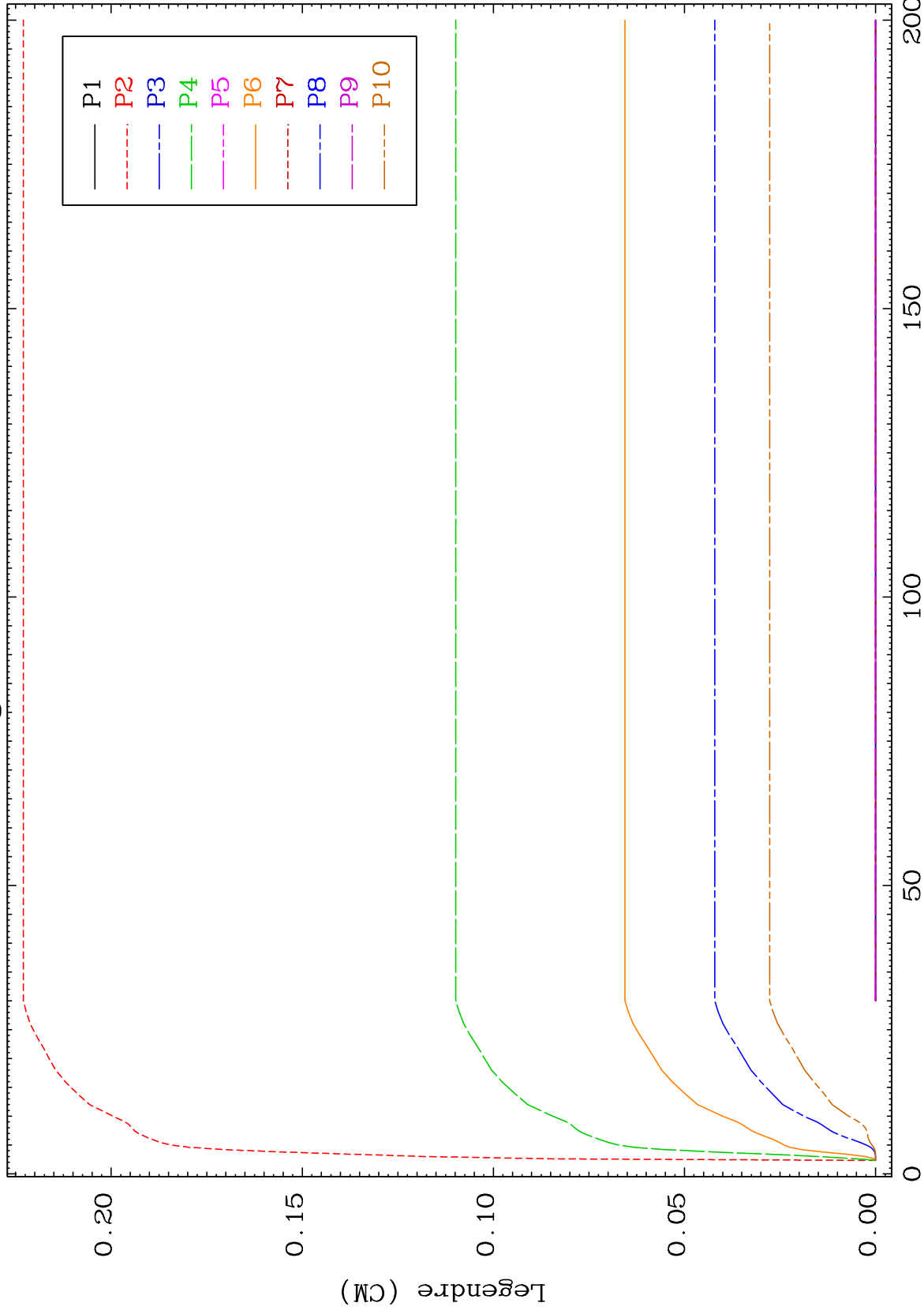
63

82-Pb-206

MAT 8231

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

82-Pb-206



64

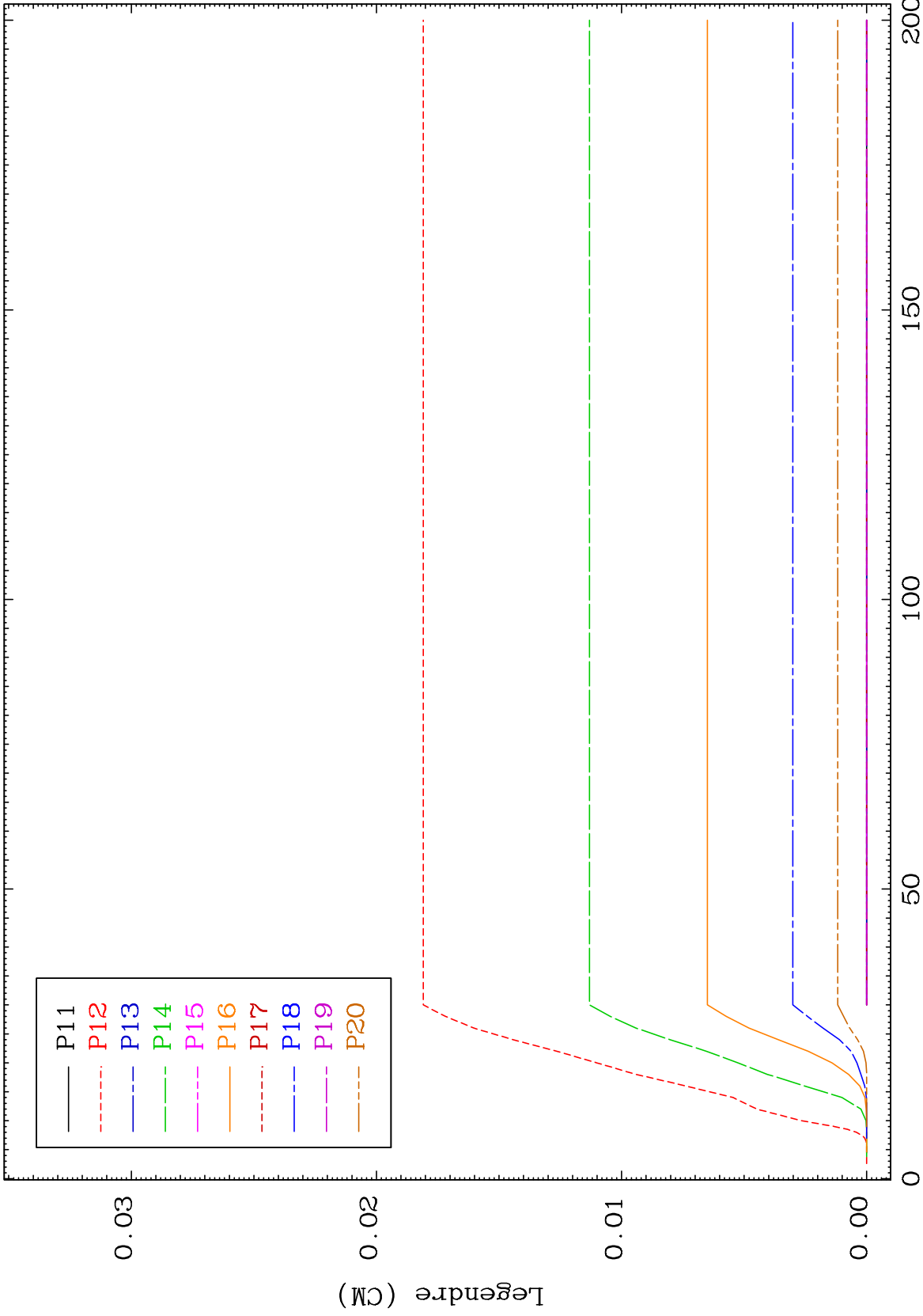
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



65

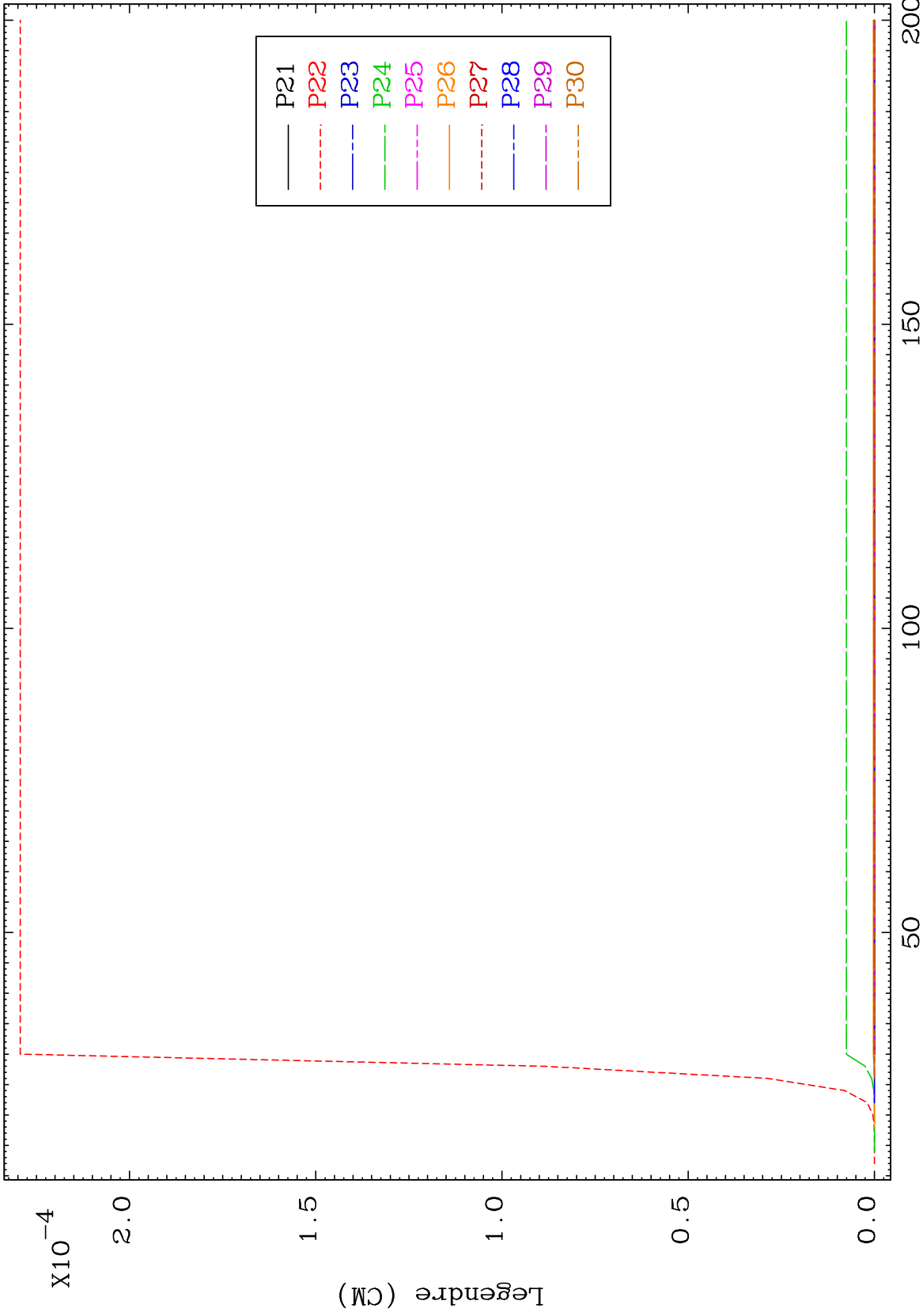
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



66

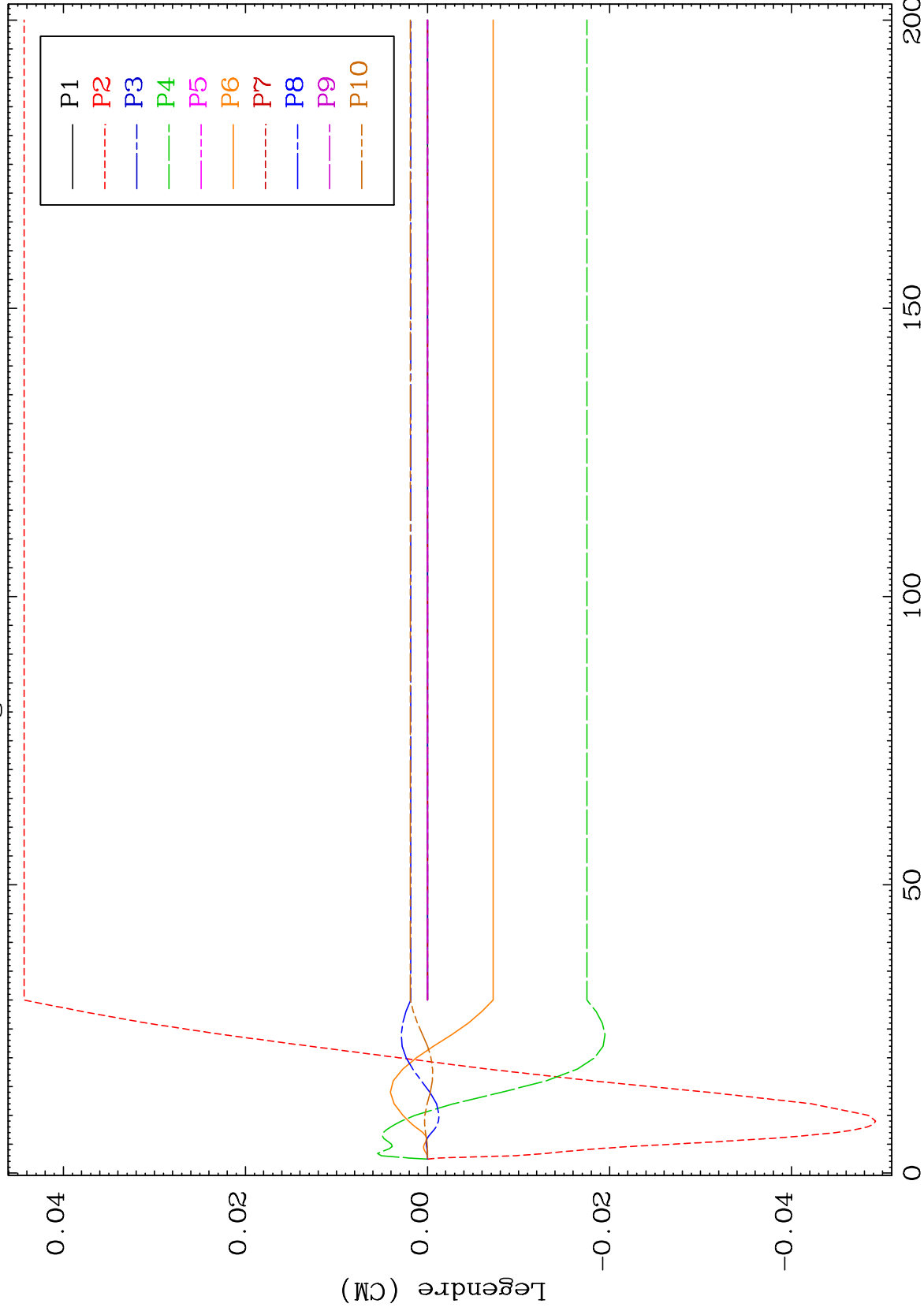
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



67

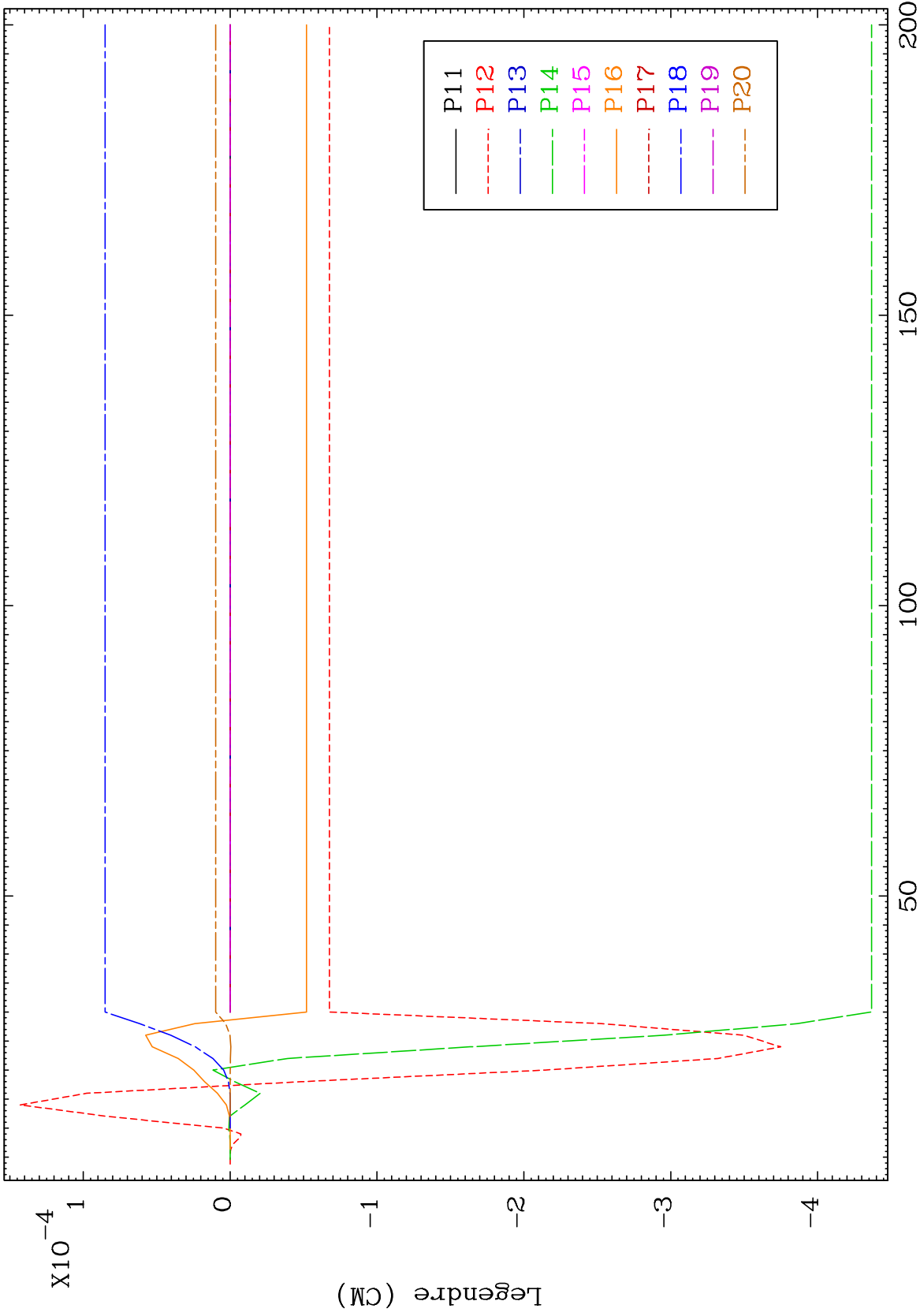
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



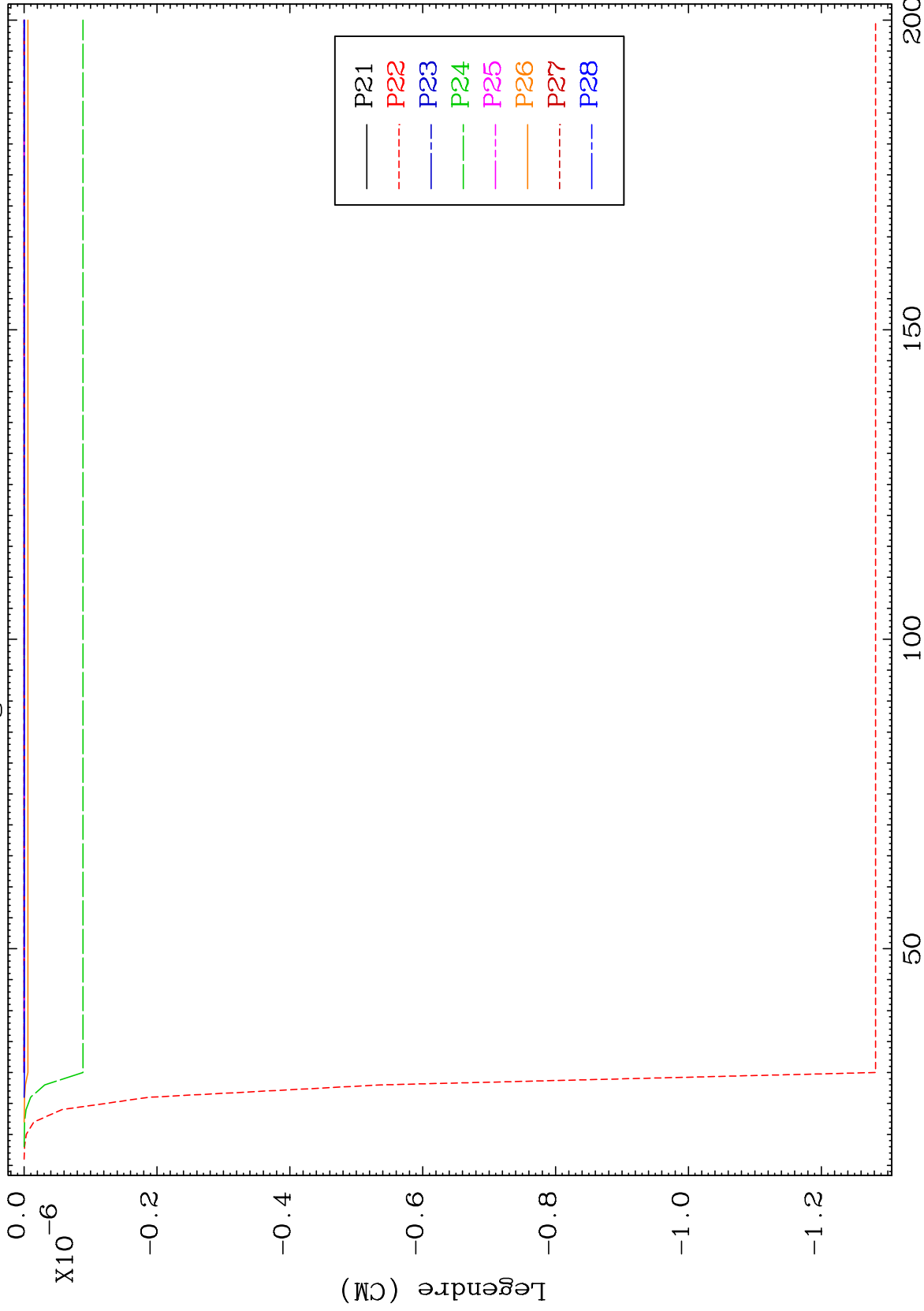
68

82-Pb-206

MAT 8231

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

82-Pb-206



69

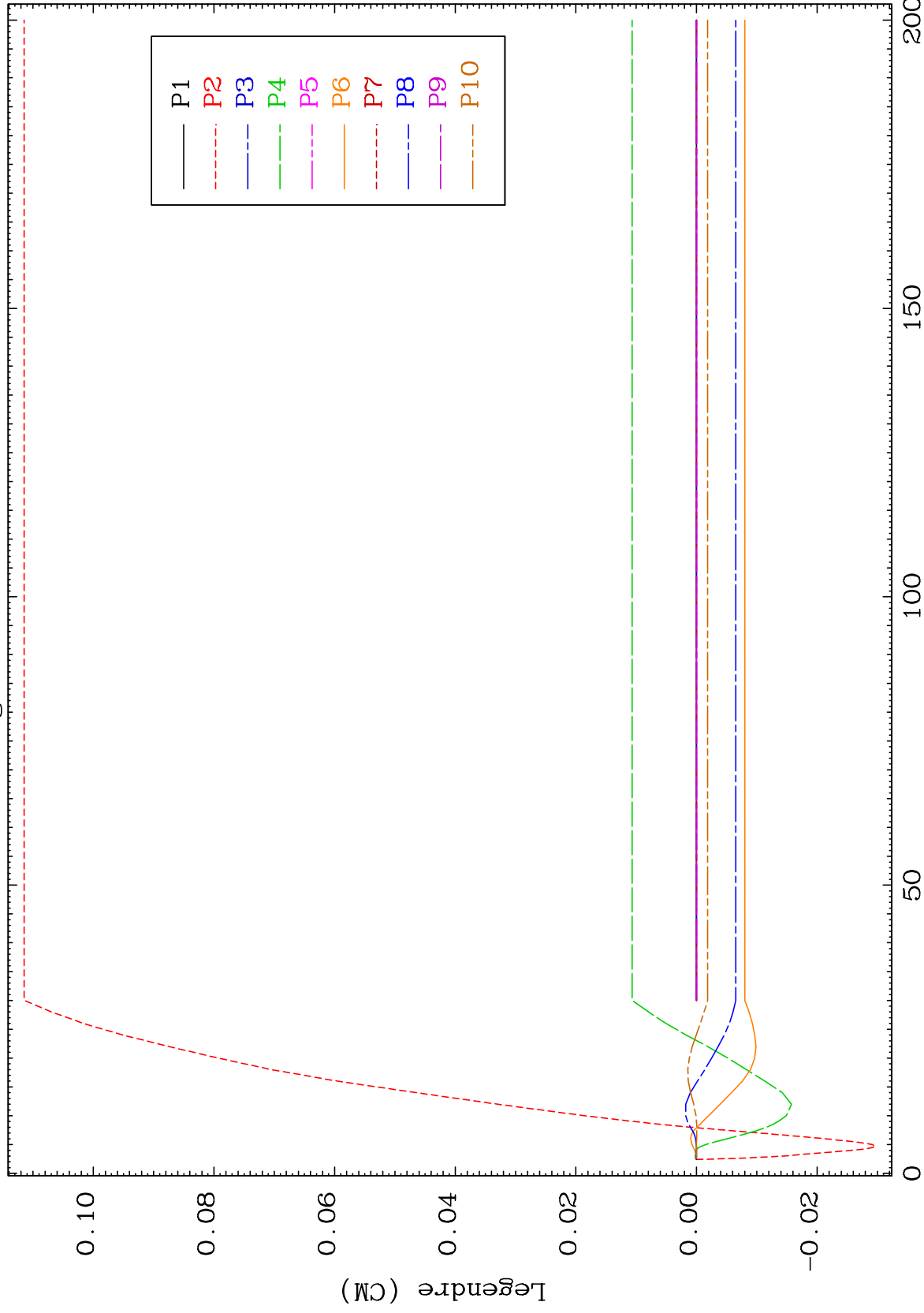
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



70

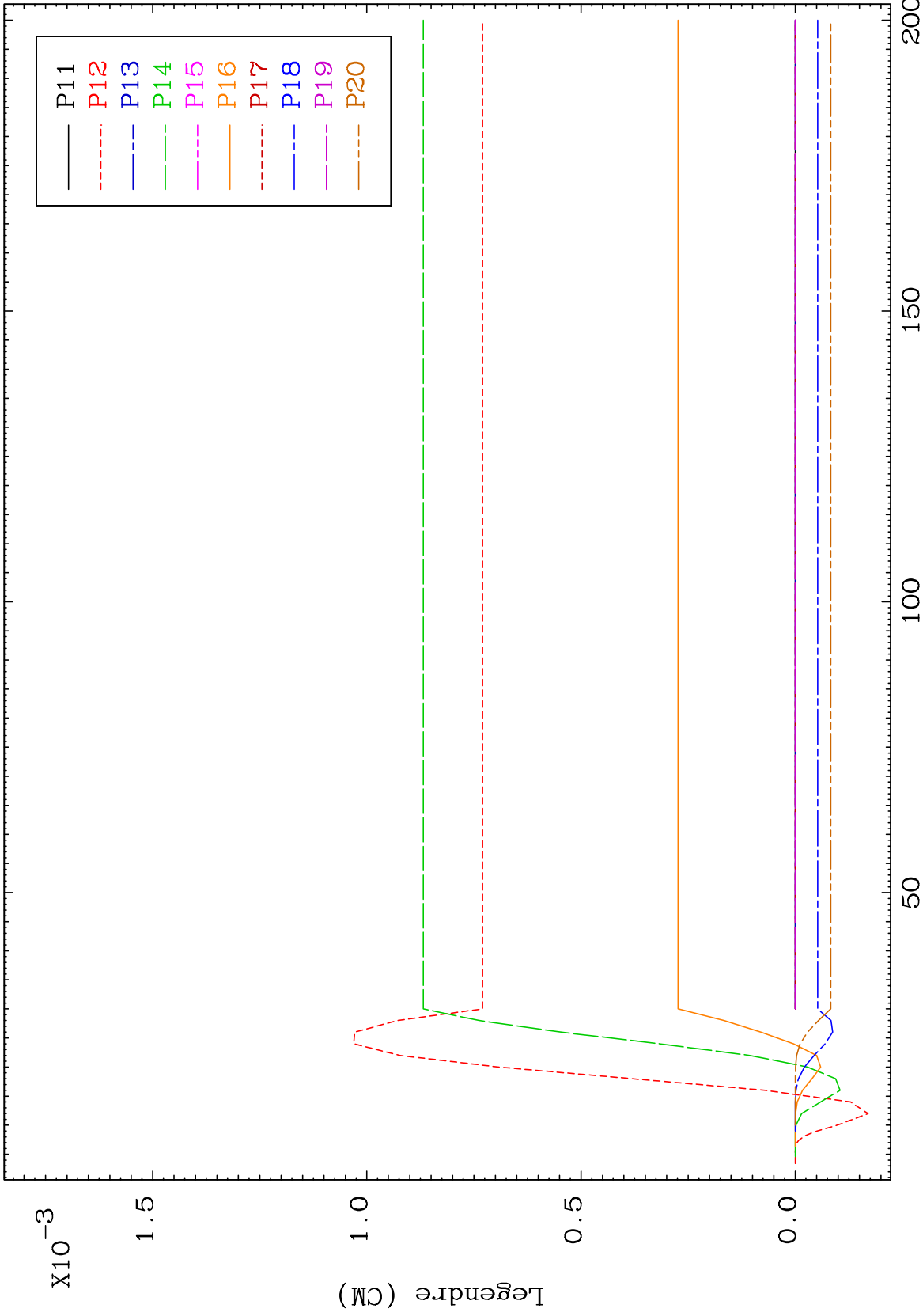
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

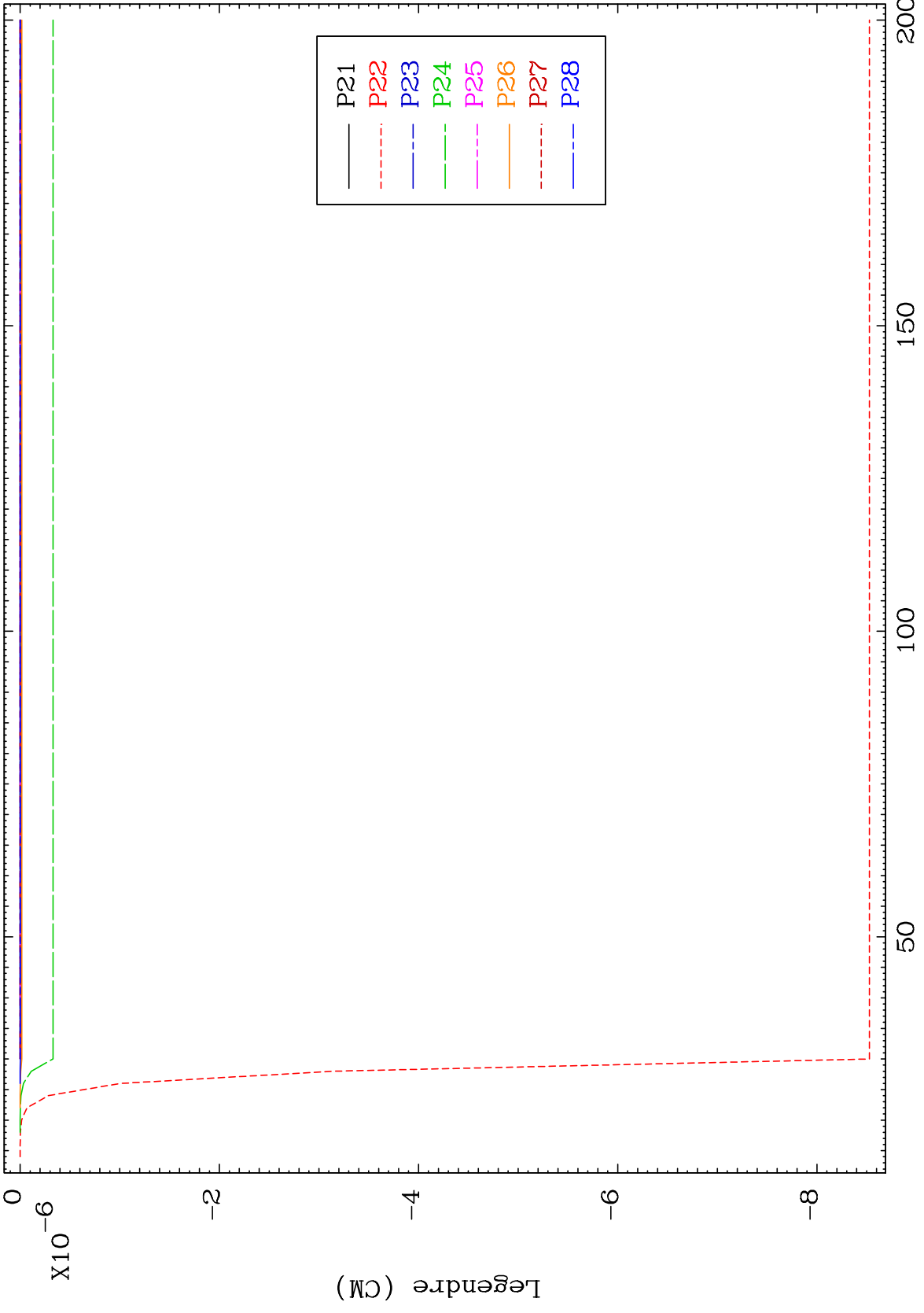
82-Pb-206



71

82-Pb-206

MAT 8231 MT= 65 (n,n') Level Legendre Coefficients 82-Pb-206

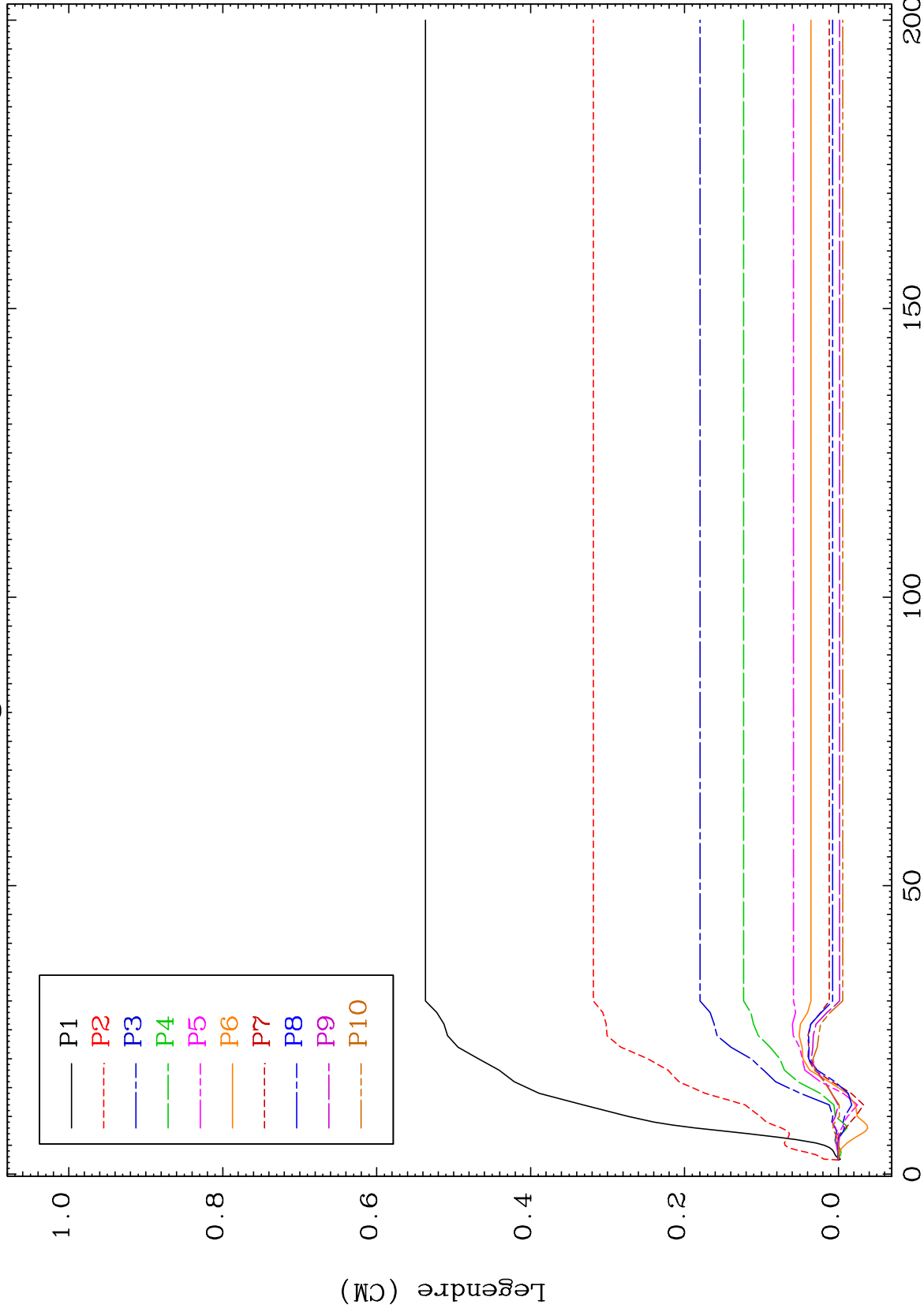


72 82-Pb-206

MAT 8231

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

82-Pb-206



73

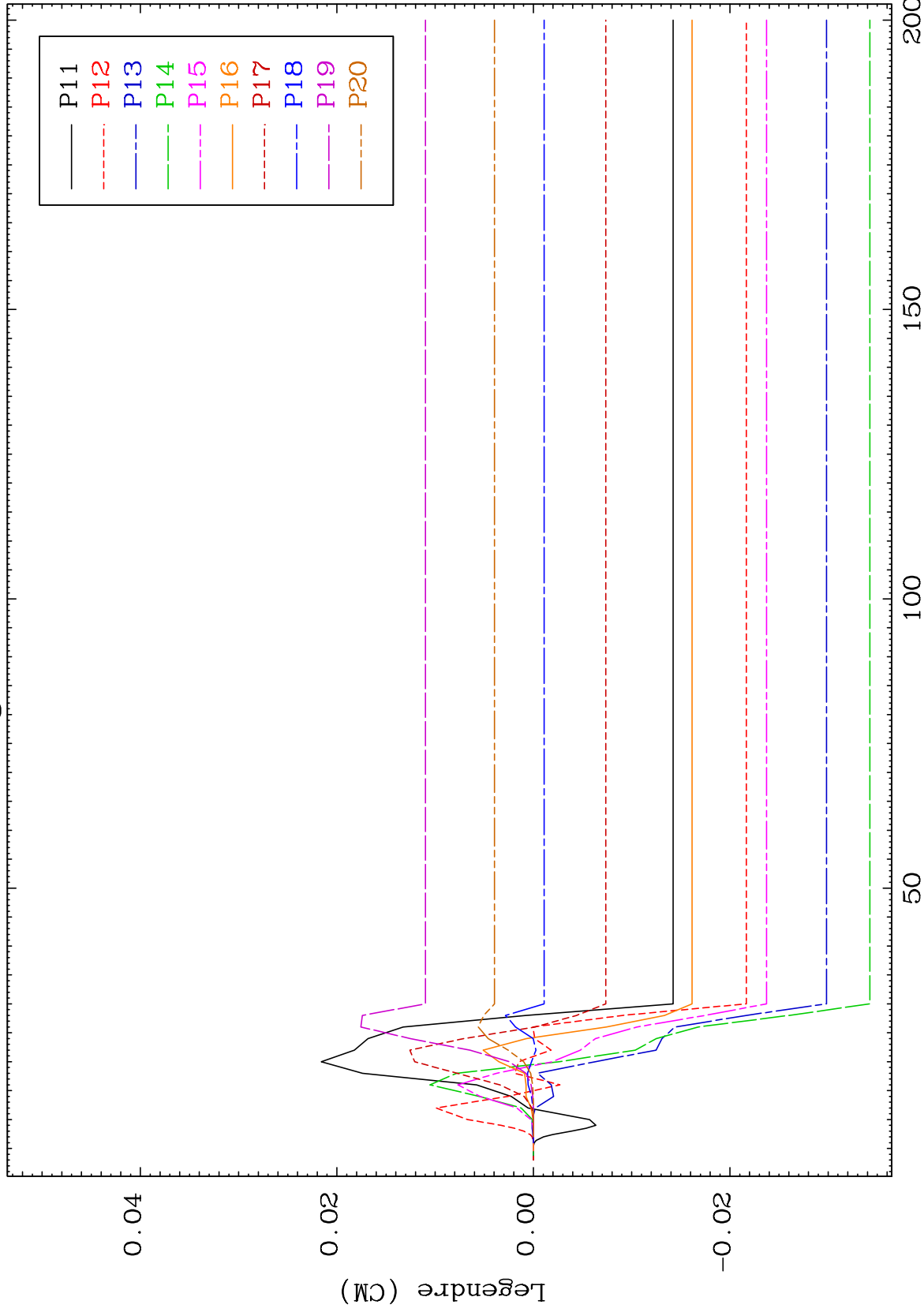
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



74

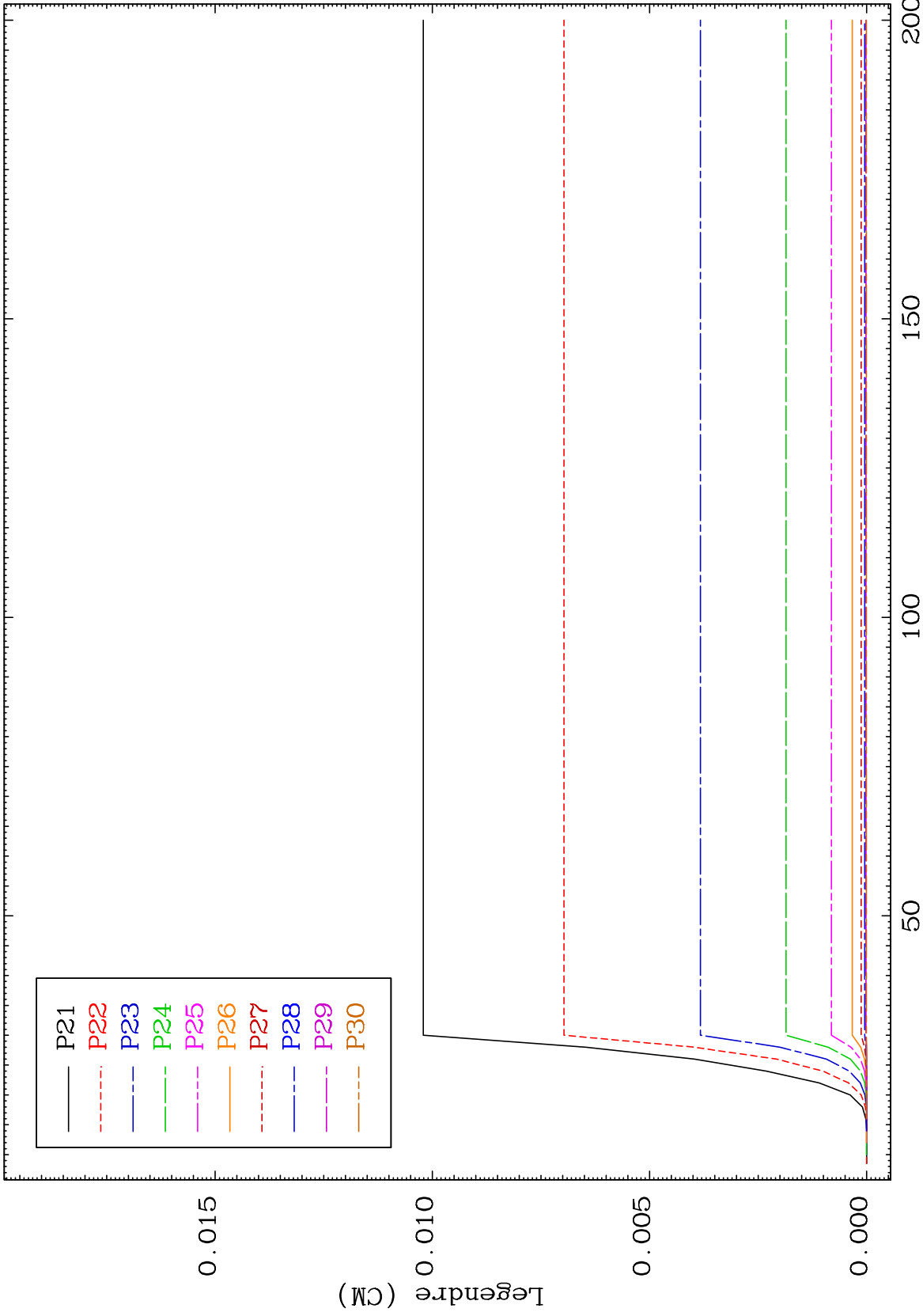
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



75

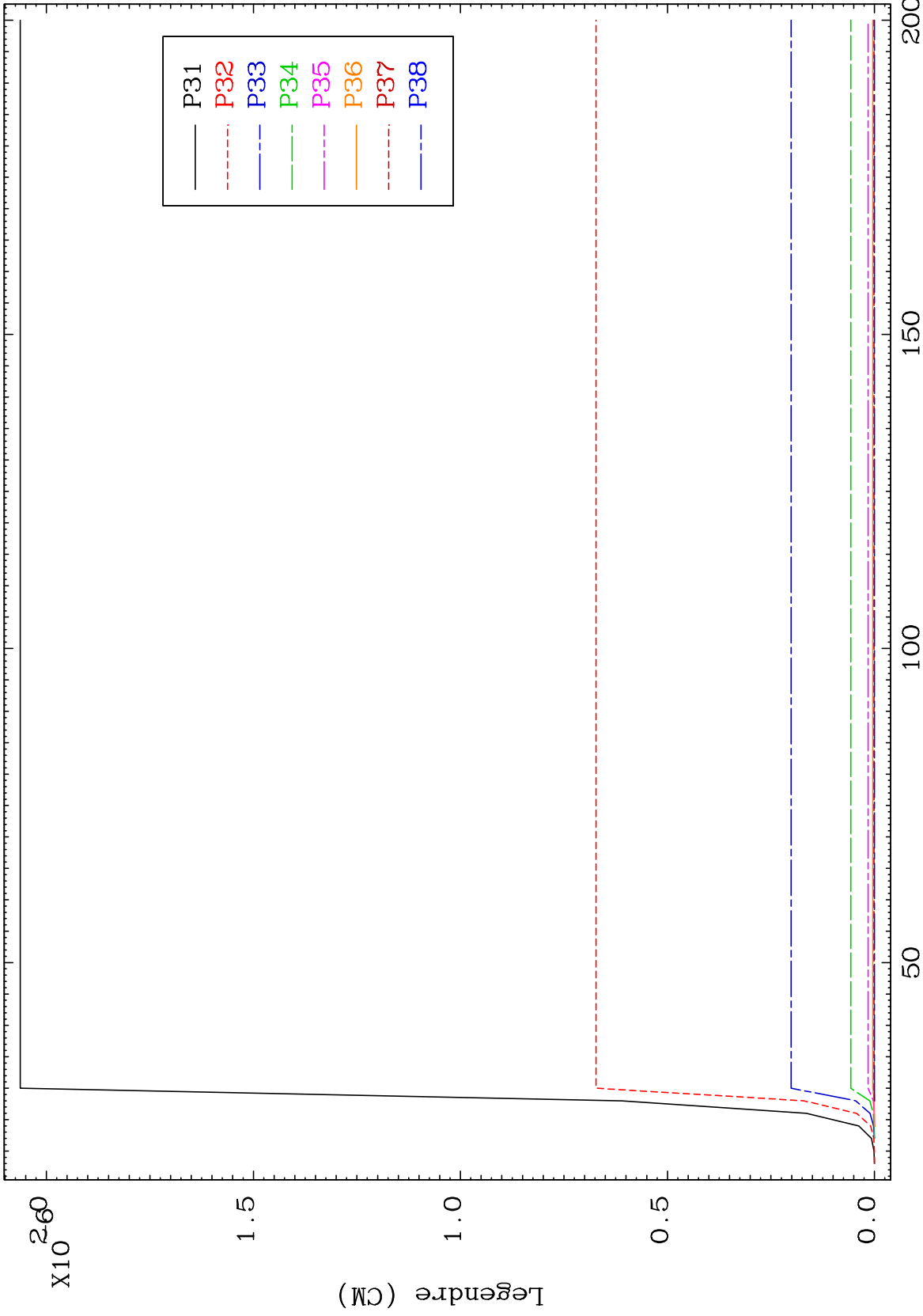
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



76

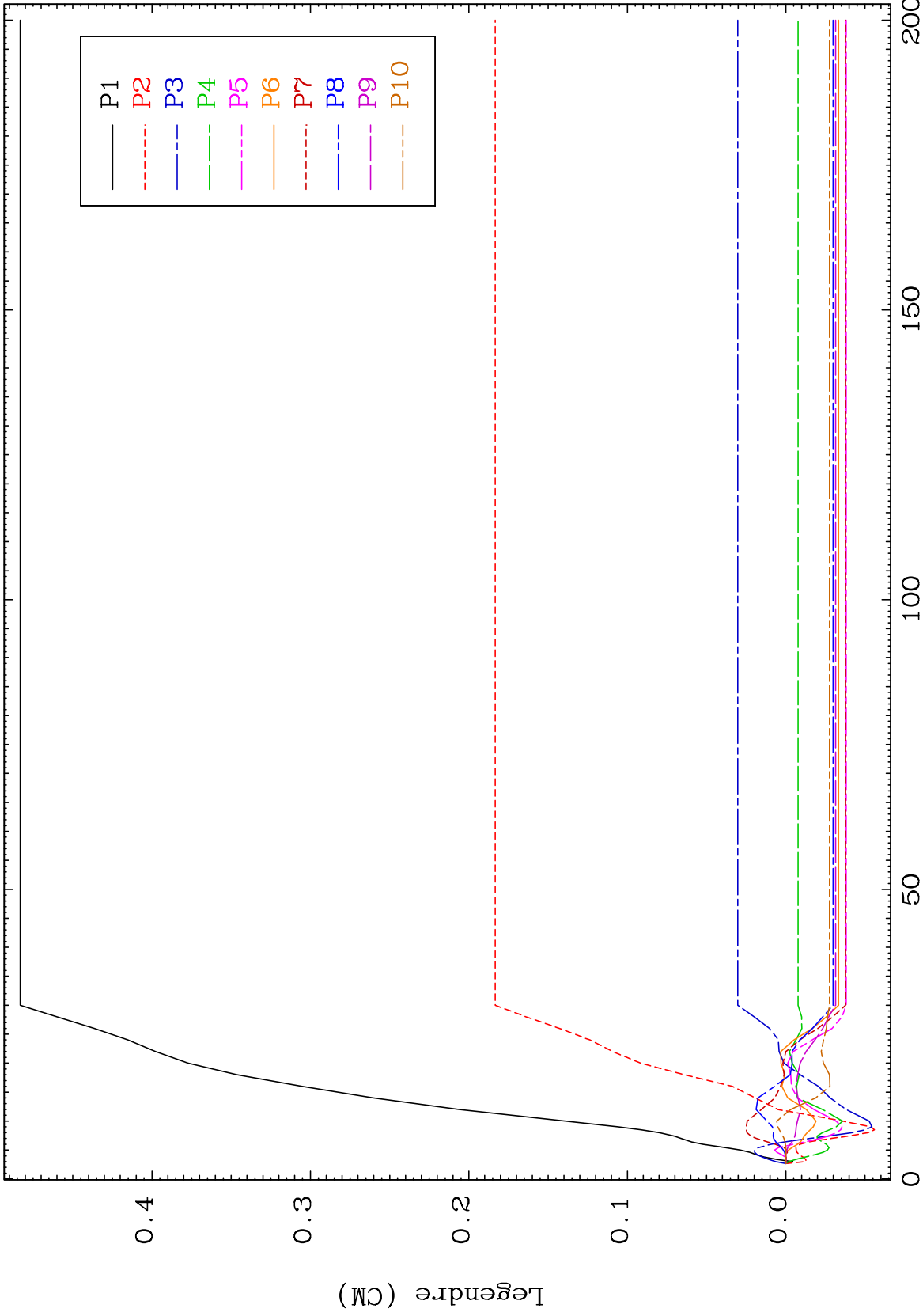
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



77

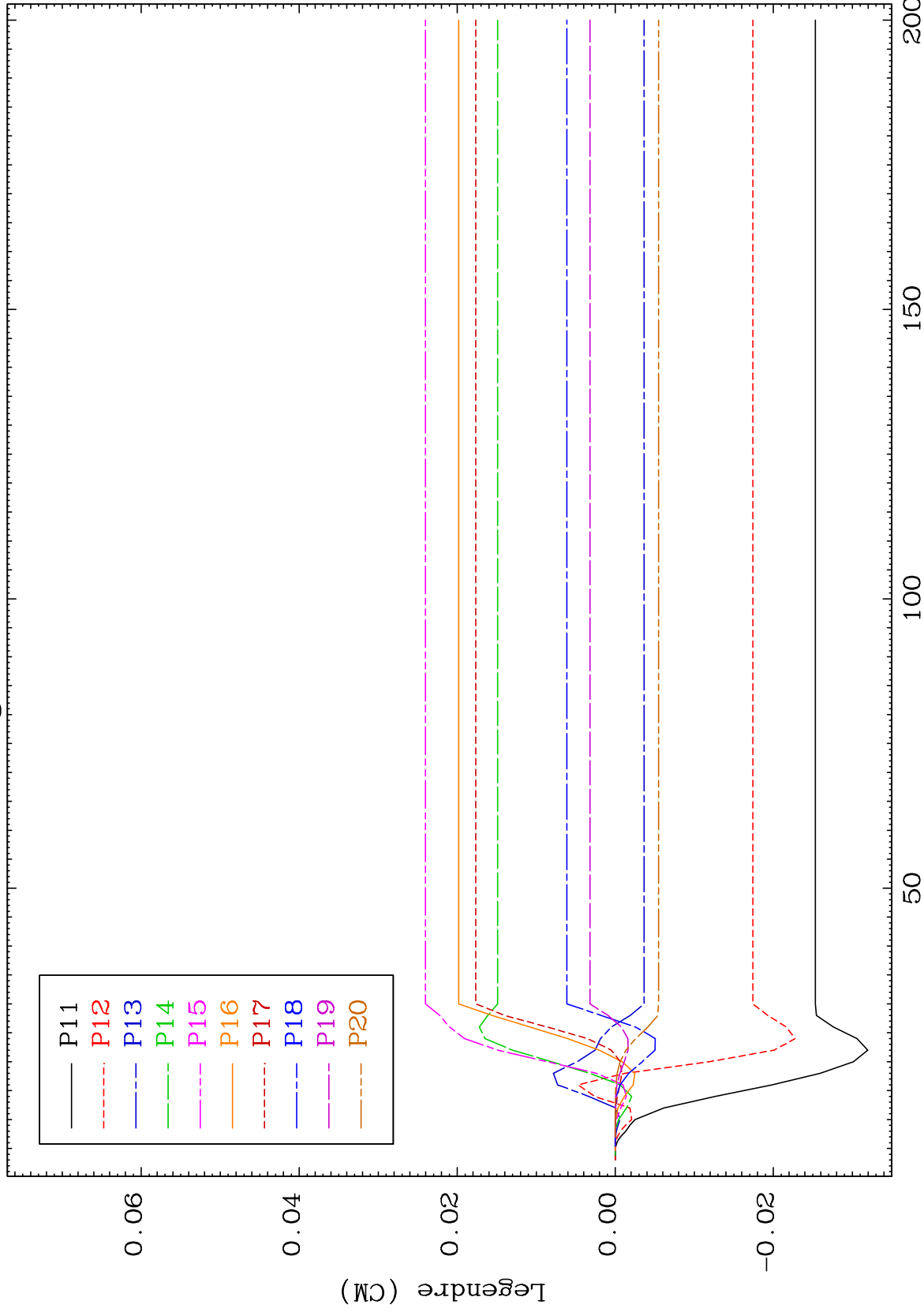
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



78

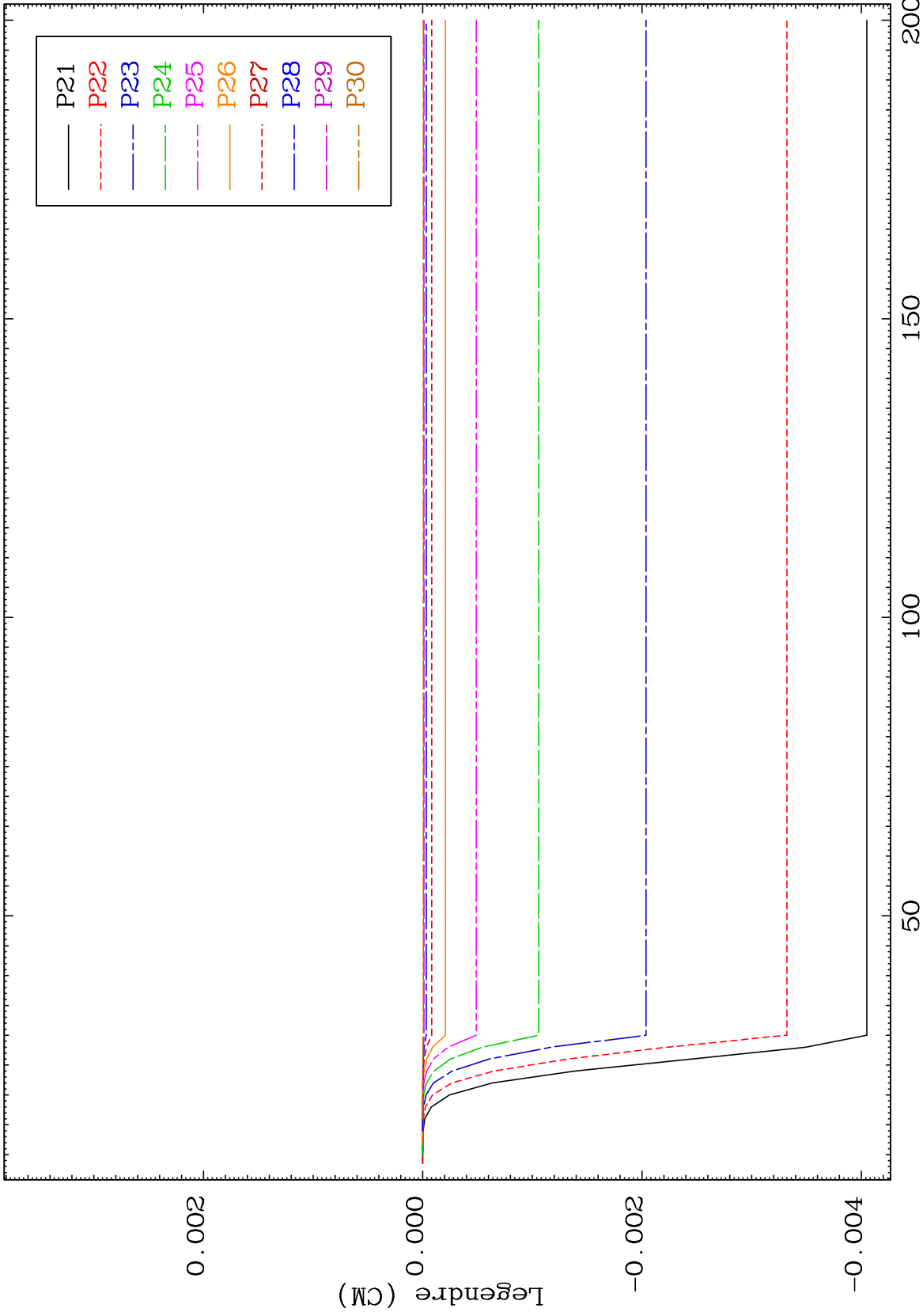
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



79

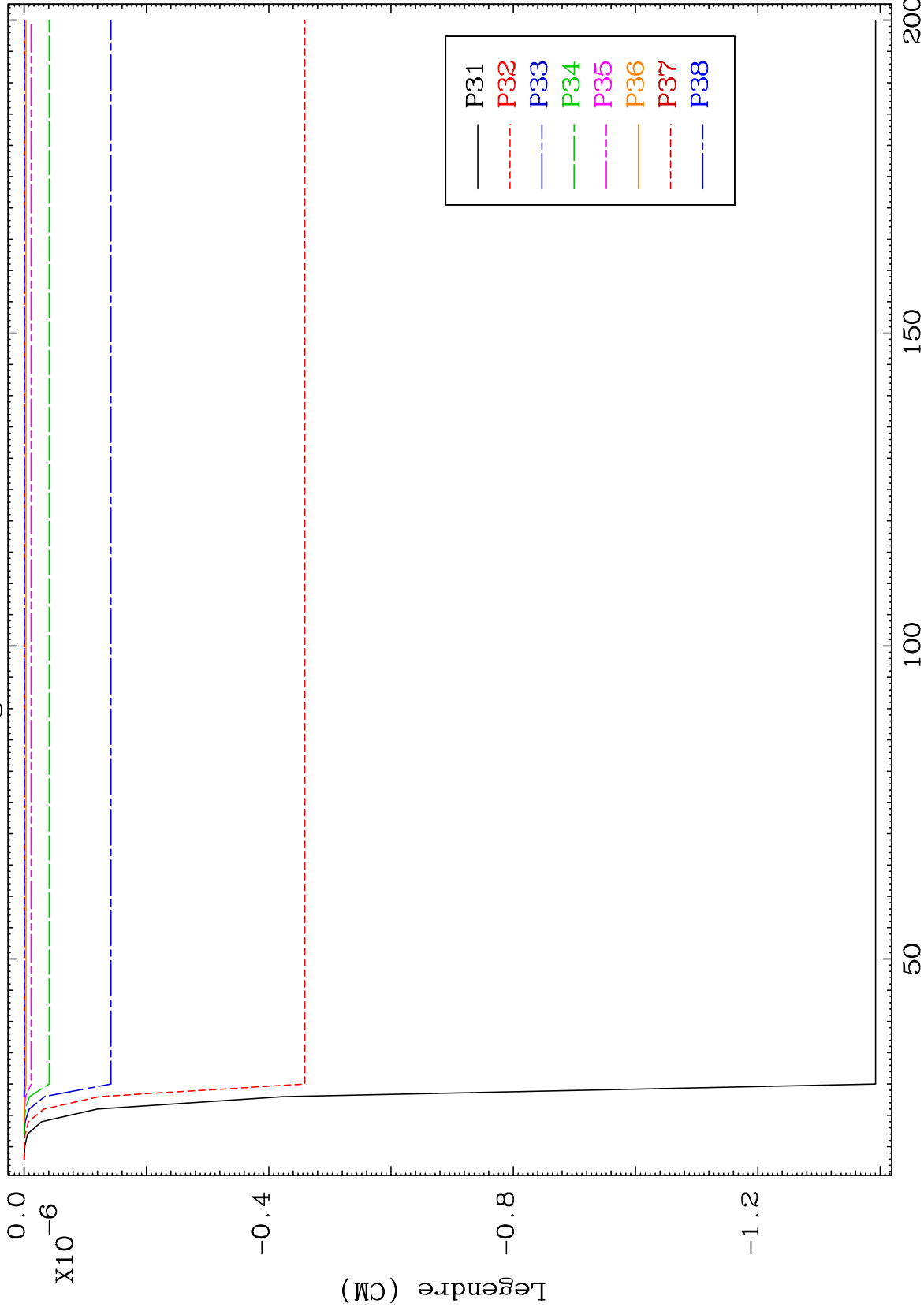
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



82-Pb-206

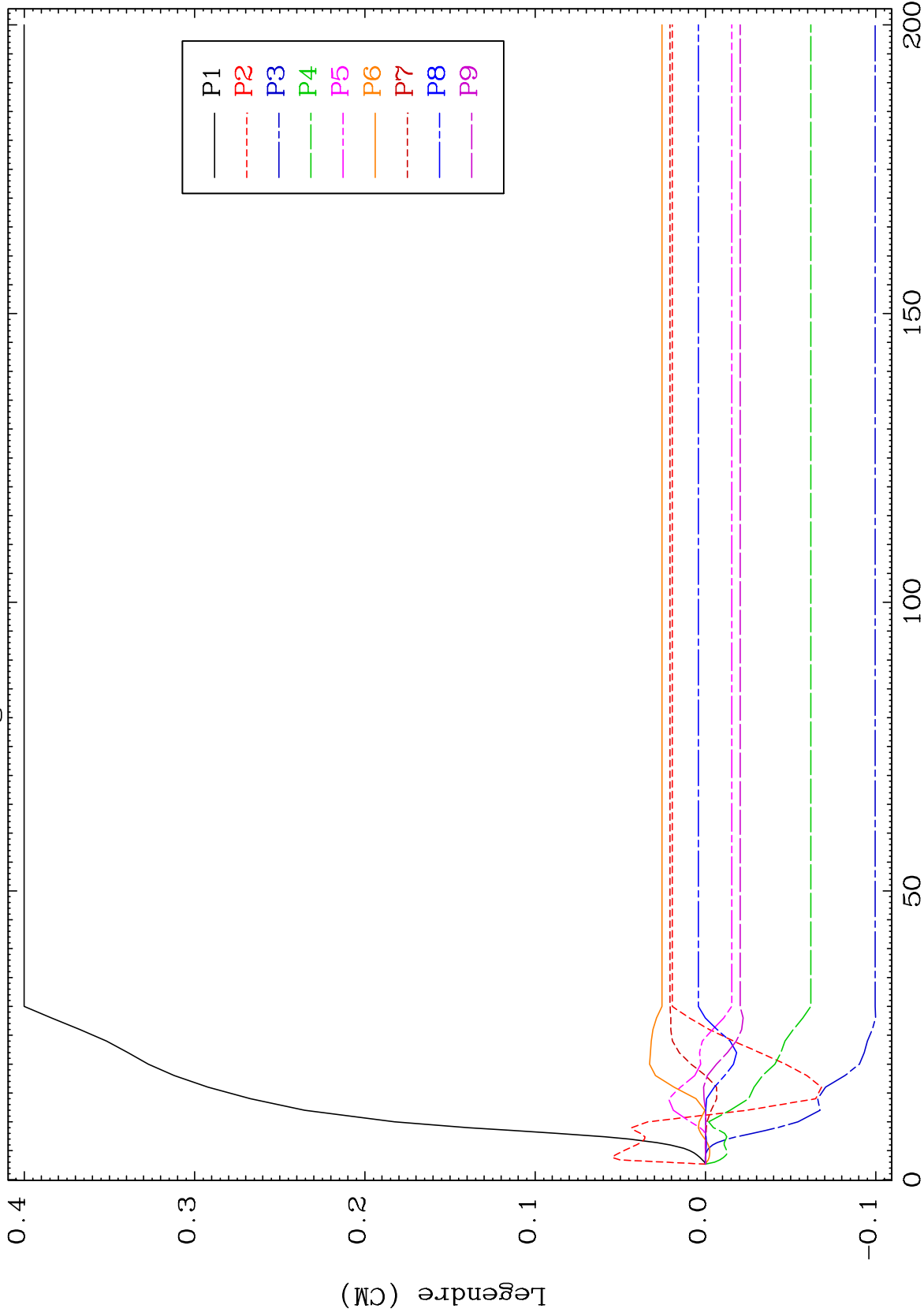
Incident Energy (MeV)

80

MAT 8231

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

82-Pb-206



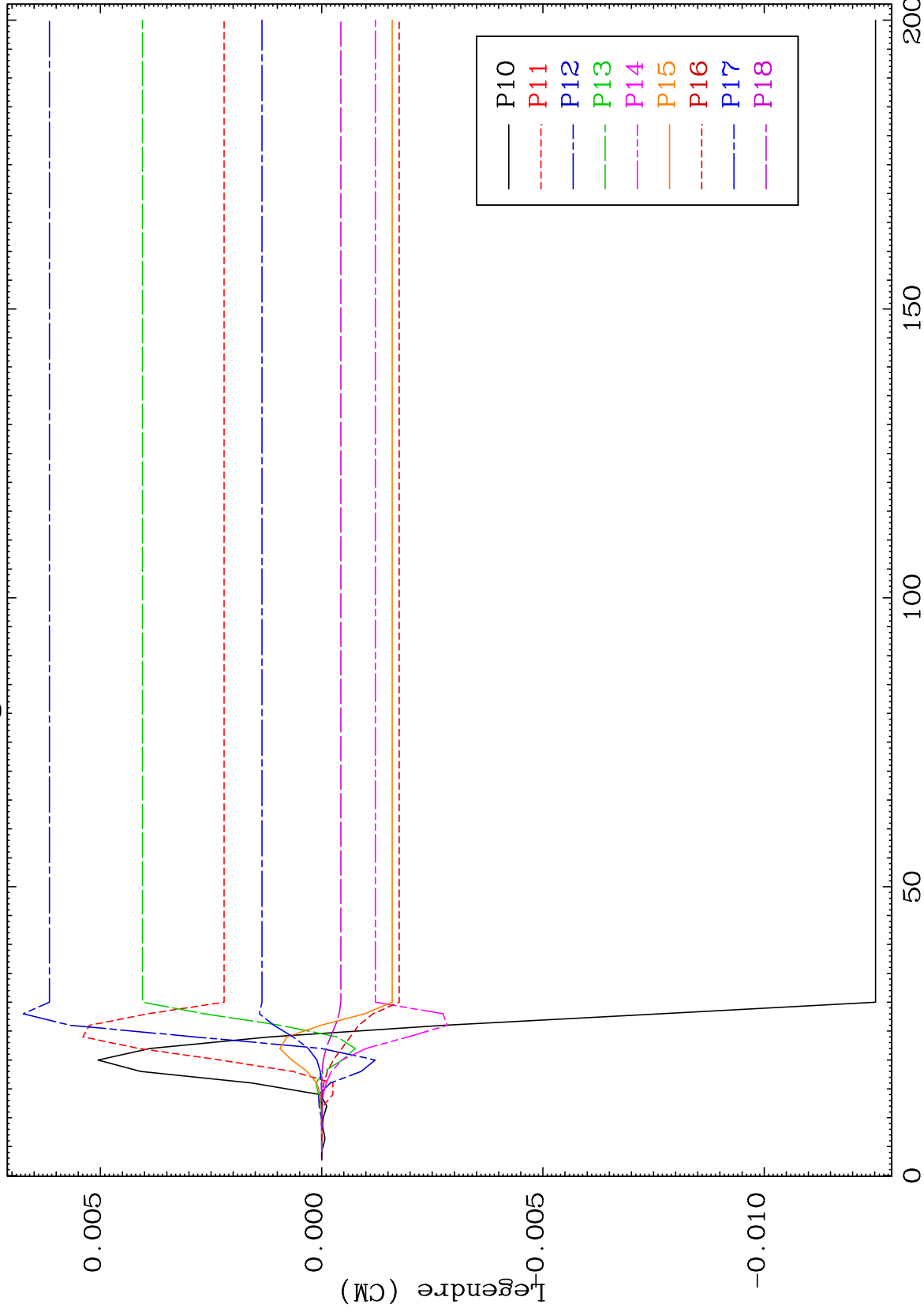
81

82-Pb-206

MAT 8231

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

82-Pb-206



82

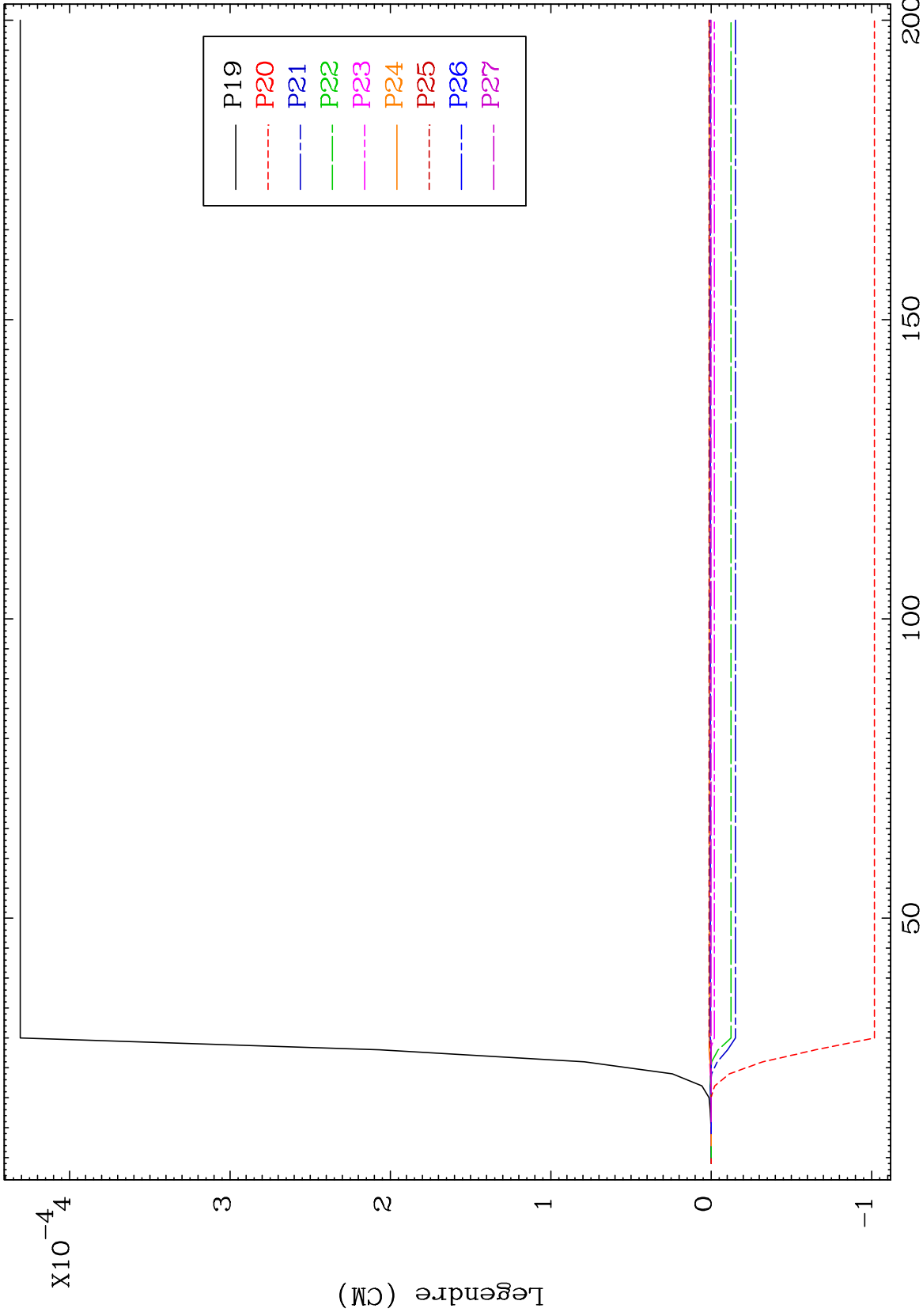
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



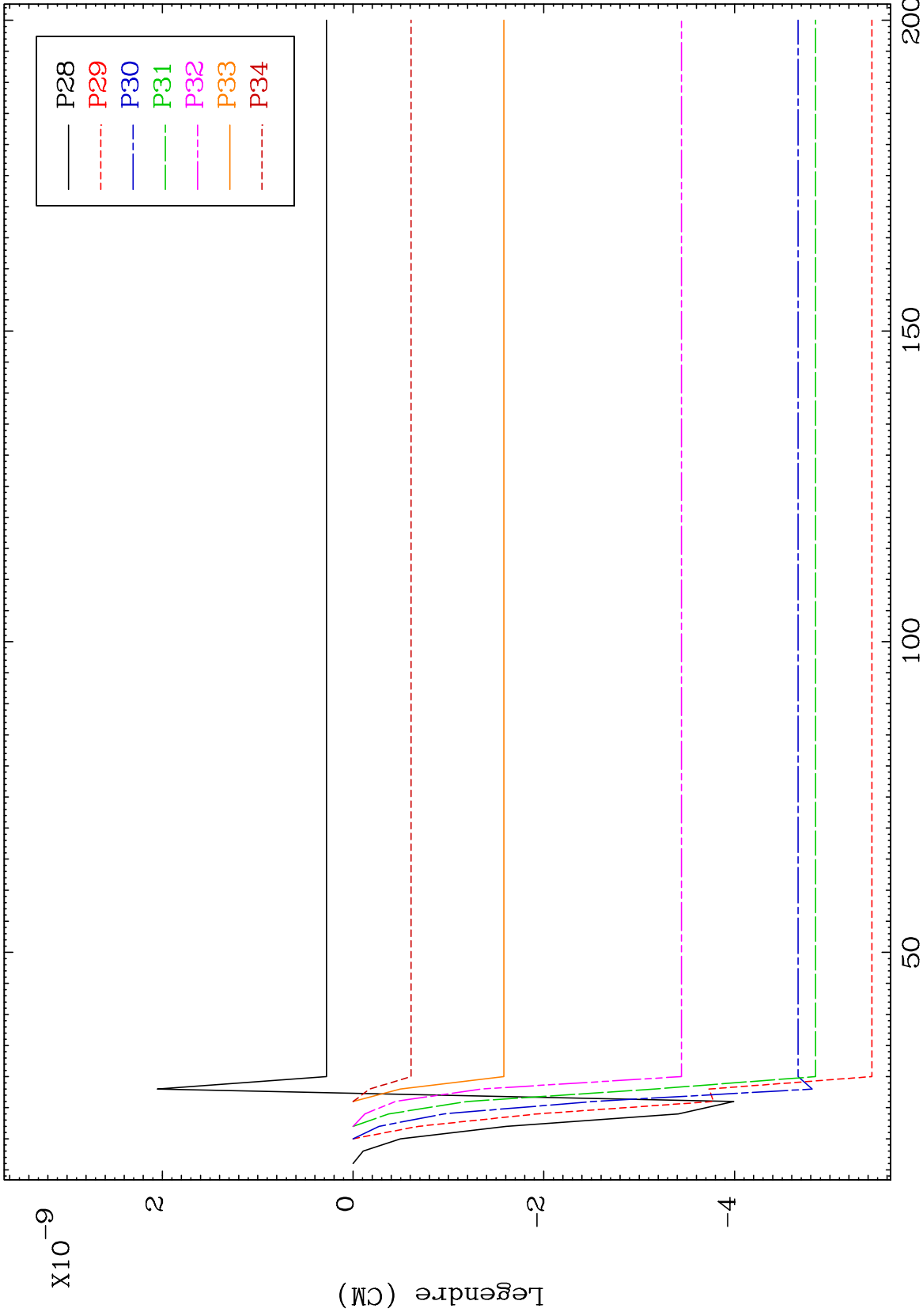
83

82-Pb-206

MAT 8231

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

82-Pb-206



84

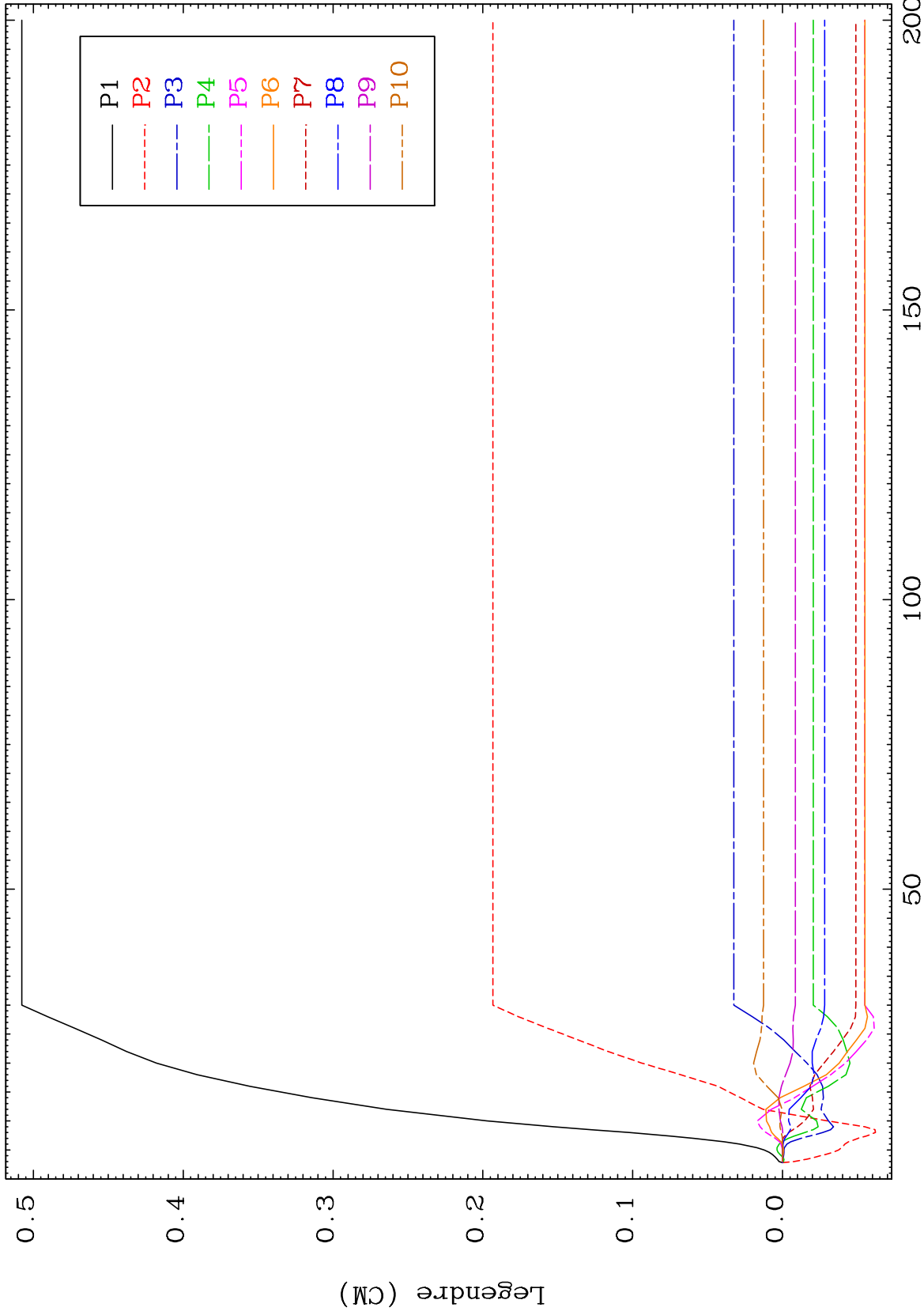
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



85

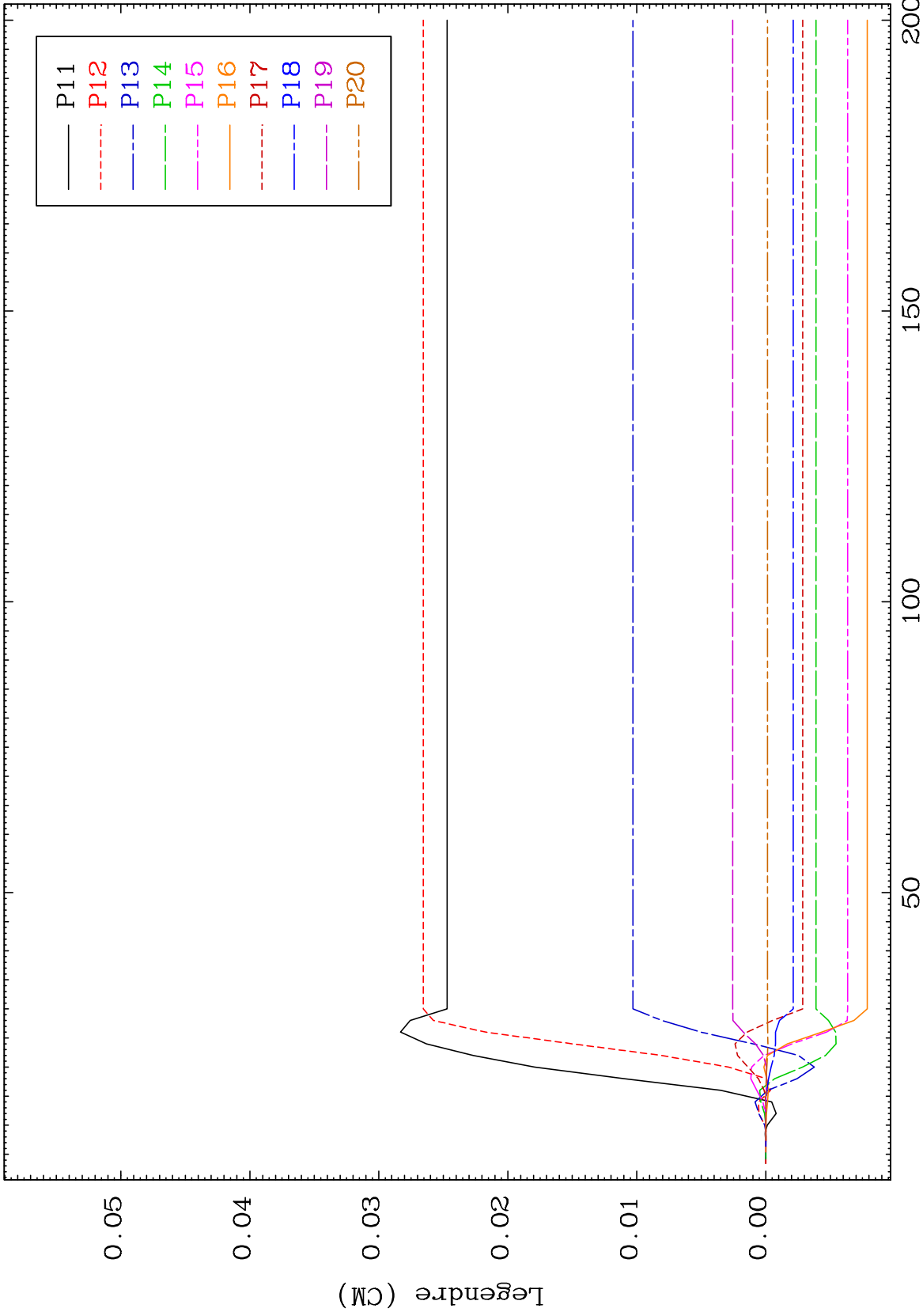
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



86

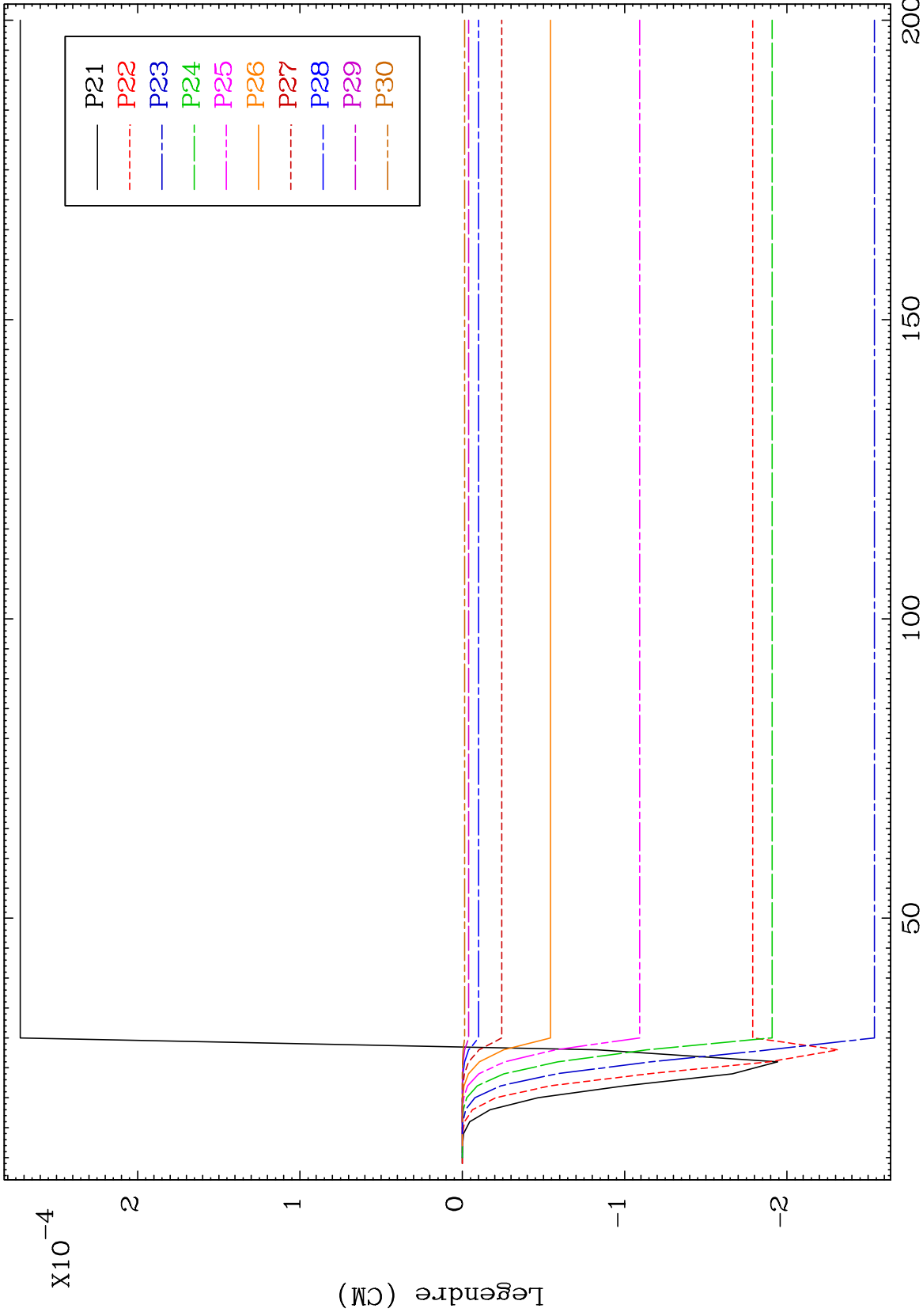
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



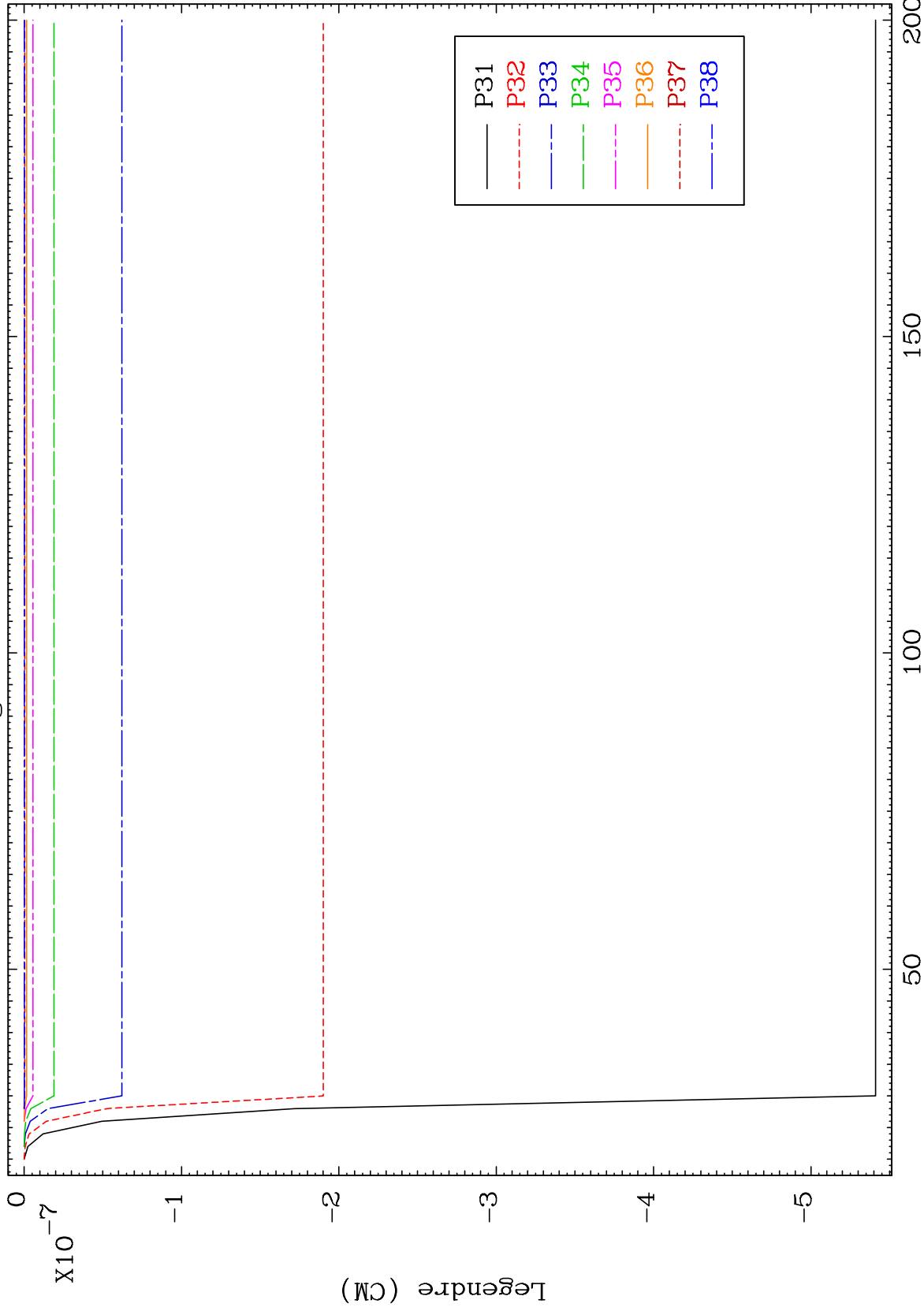
87

82-Pb-206

MAT 8231

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

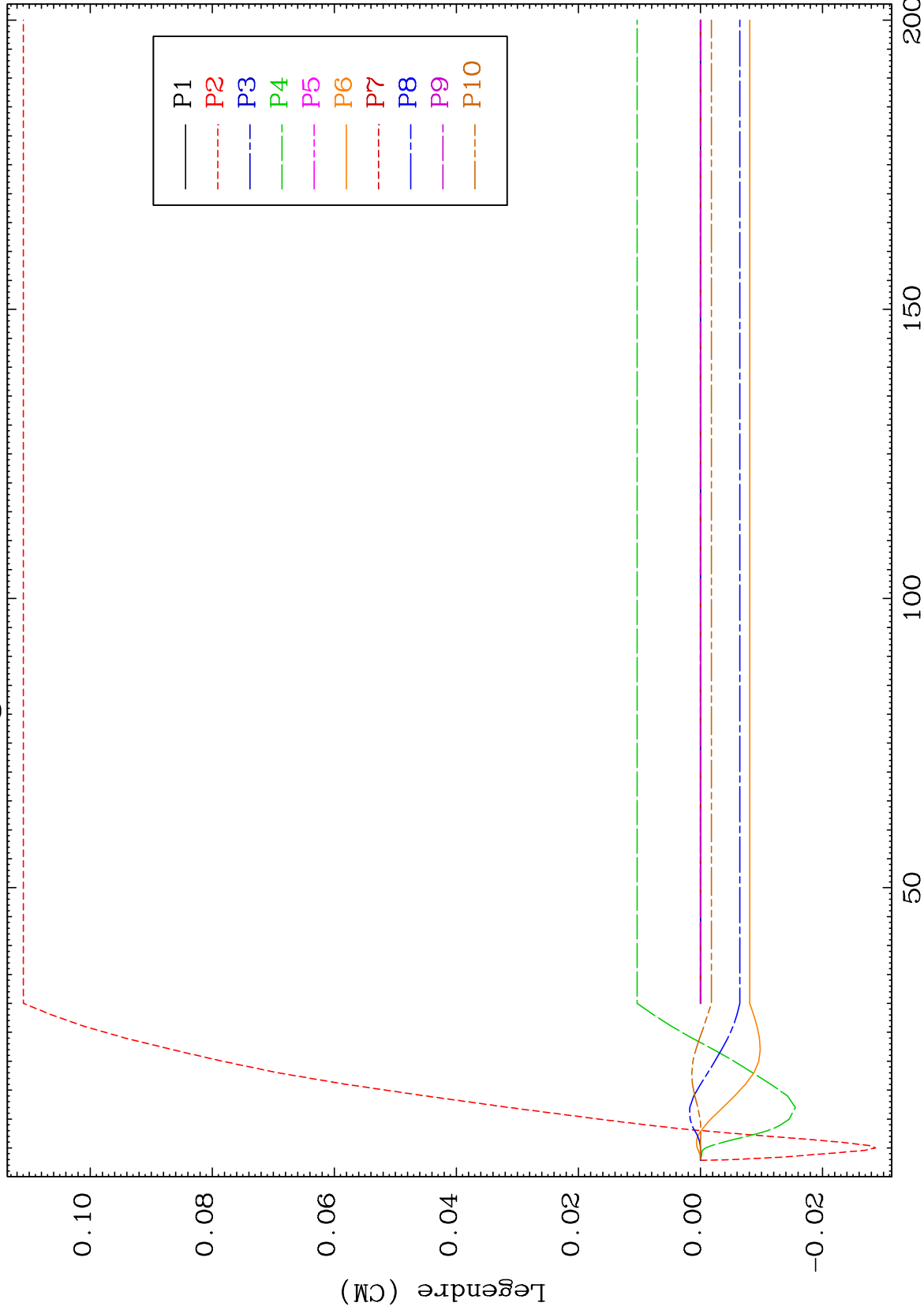
82-Pb-206



MAT 8231

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

82-Pb-206



89

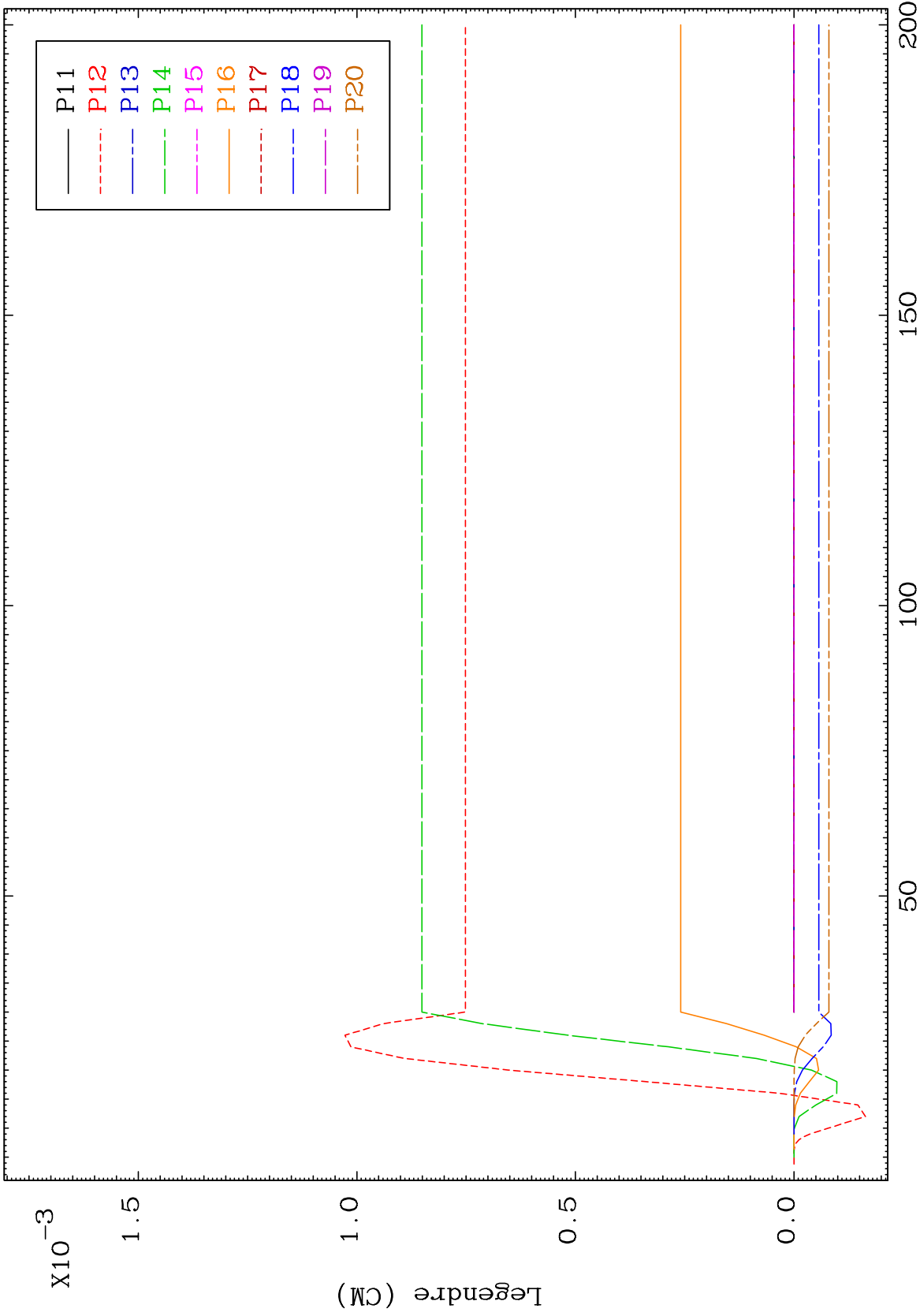
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



90

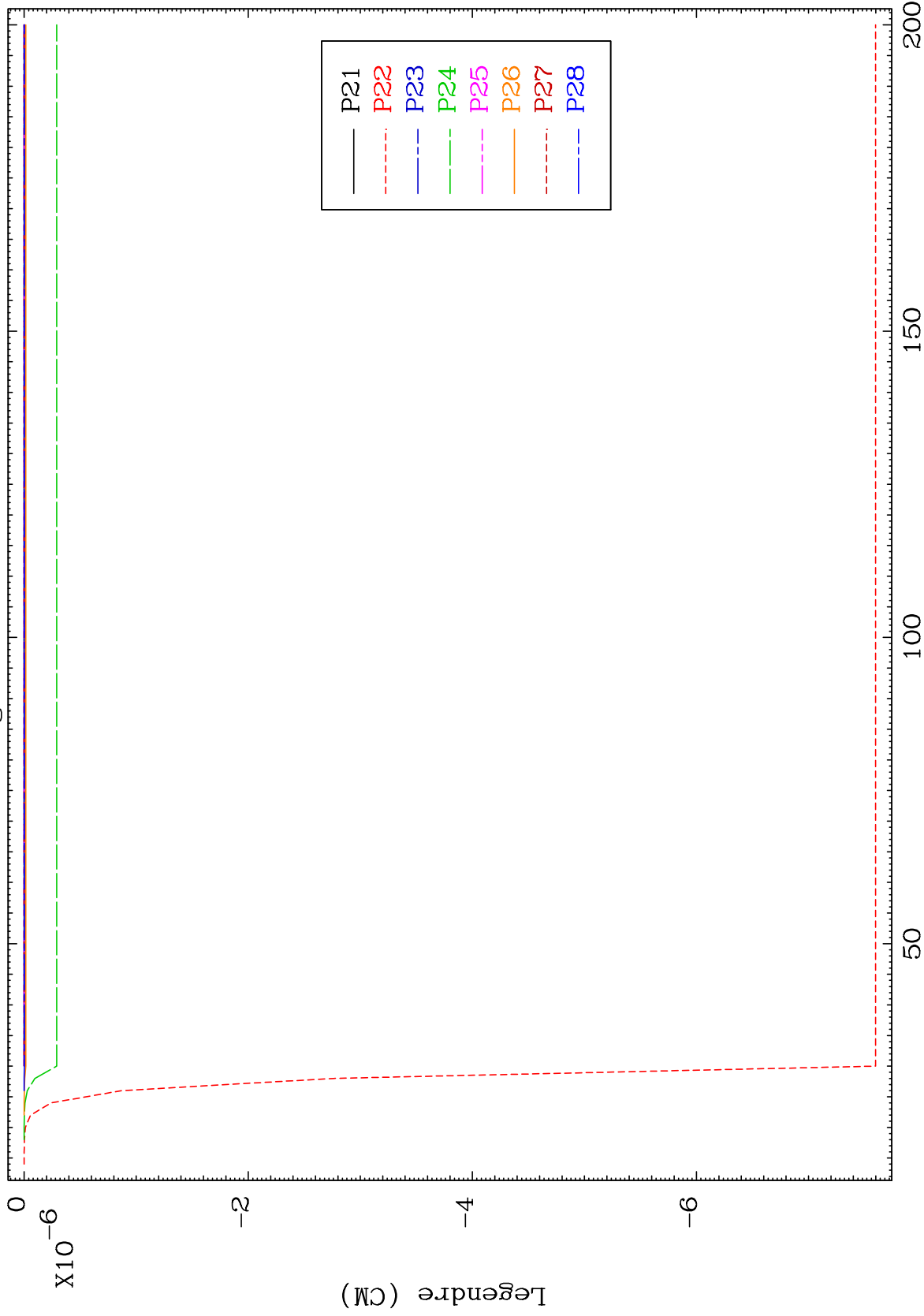
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



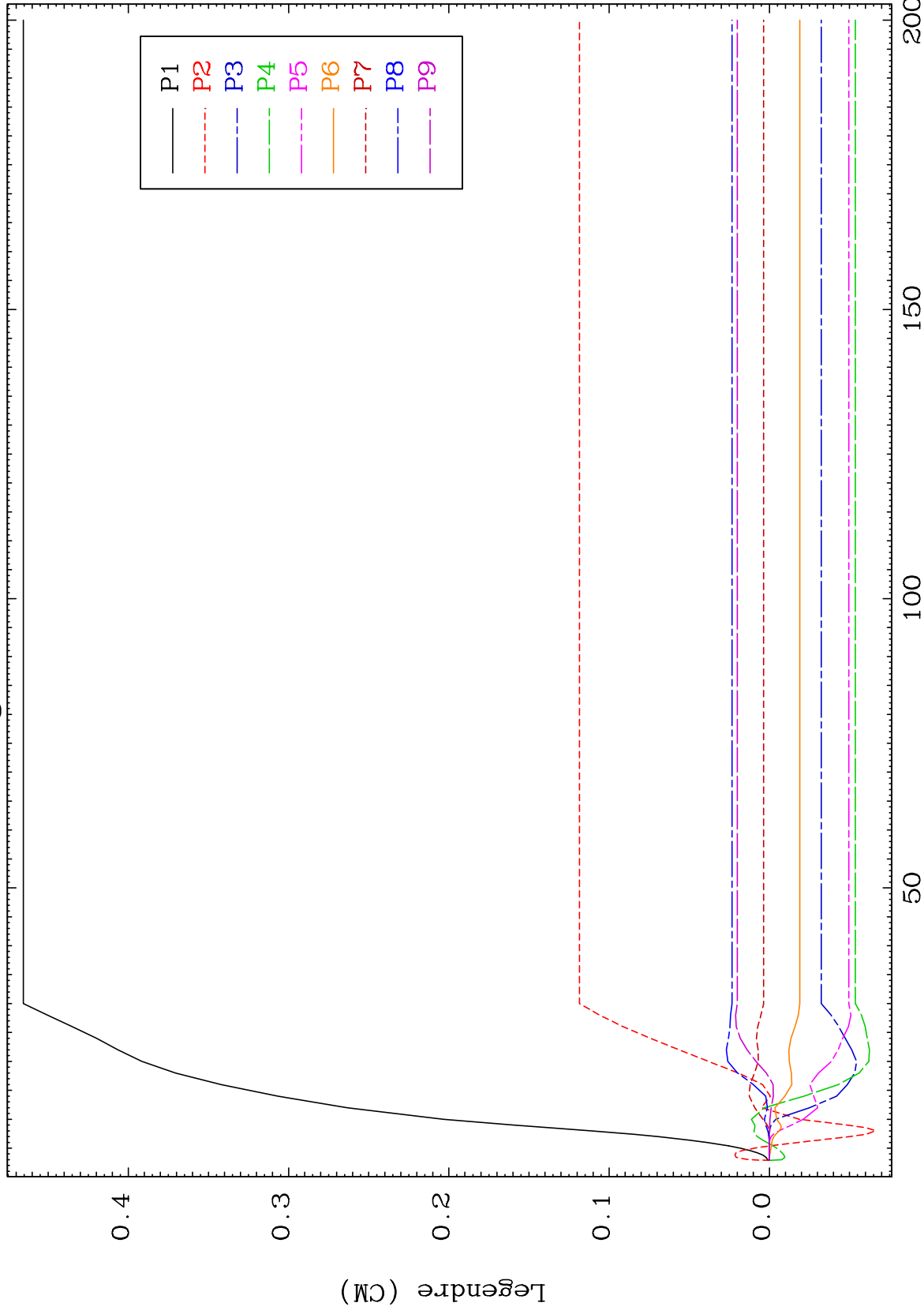
91

82-Pb-206

MAT 8231

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

82-Pb-206



92

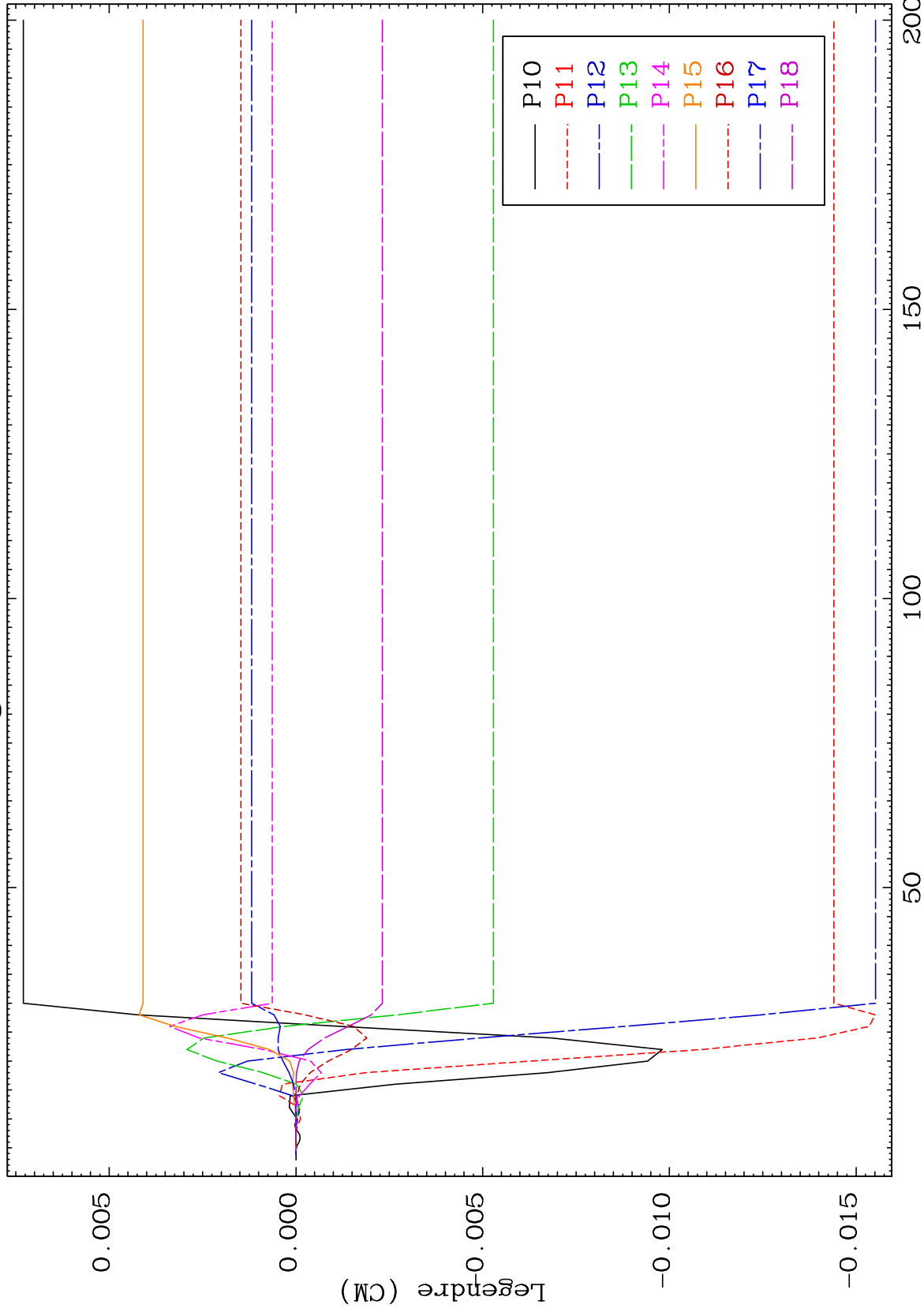
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



93

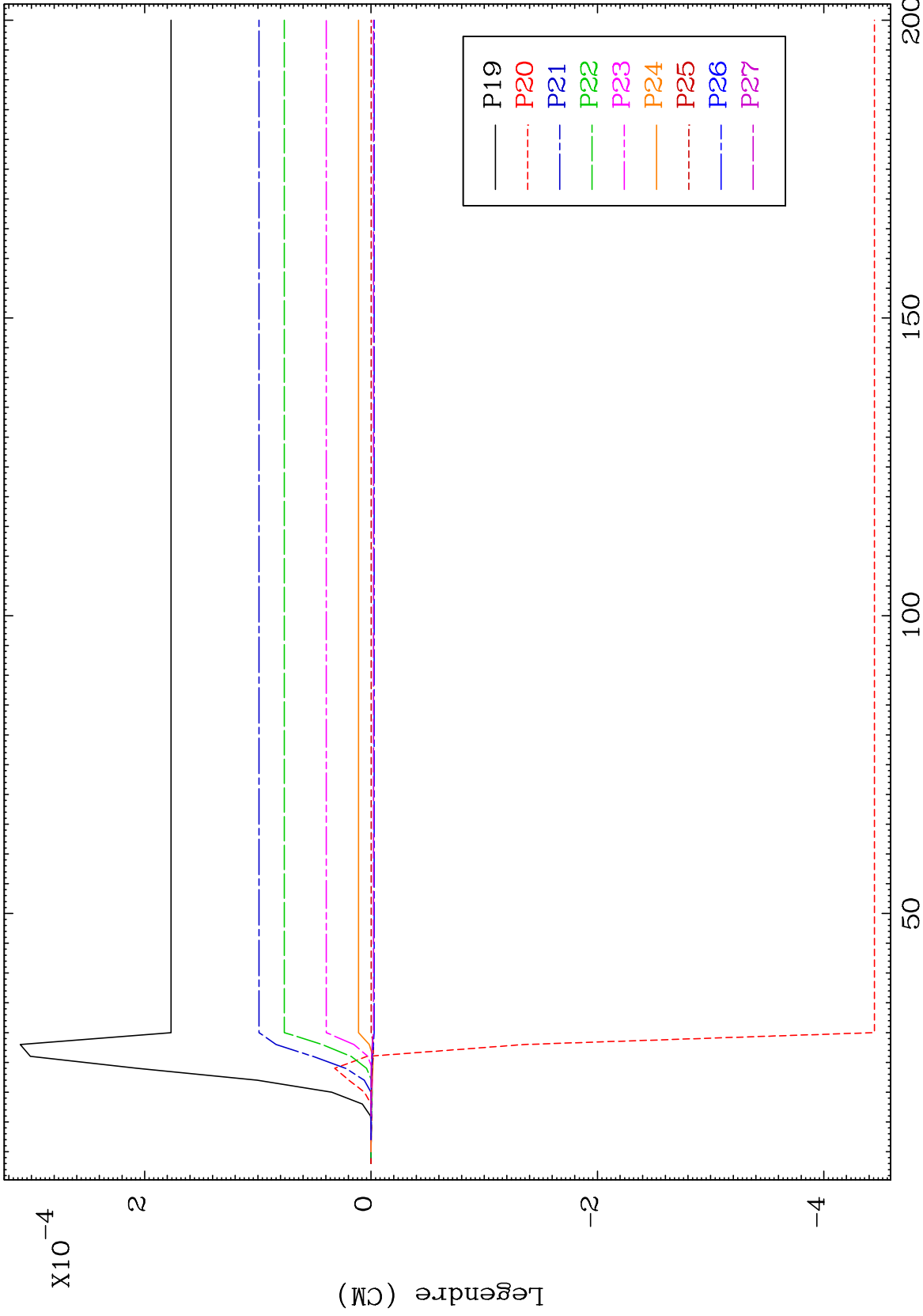
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206

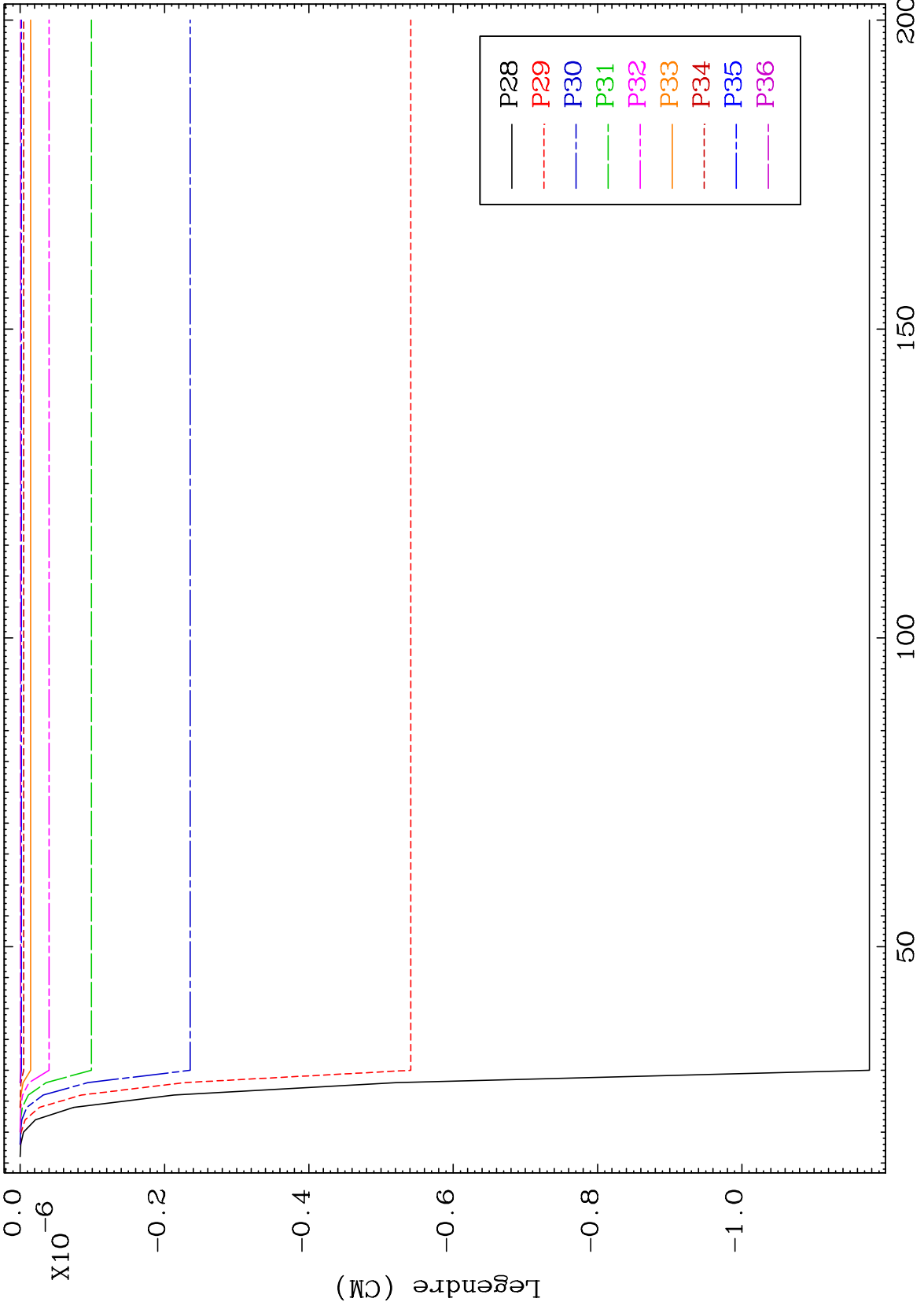


94

Incident Energy (MeV)

82-Pb-206

MAT 8231 MT= 71 (n,n') Level Legendre Coefficients 82-Pb-206

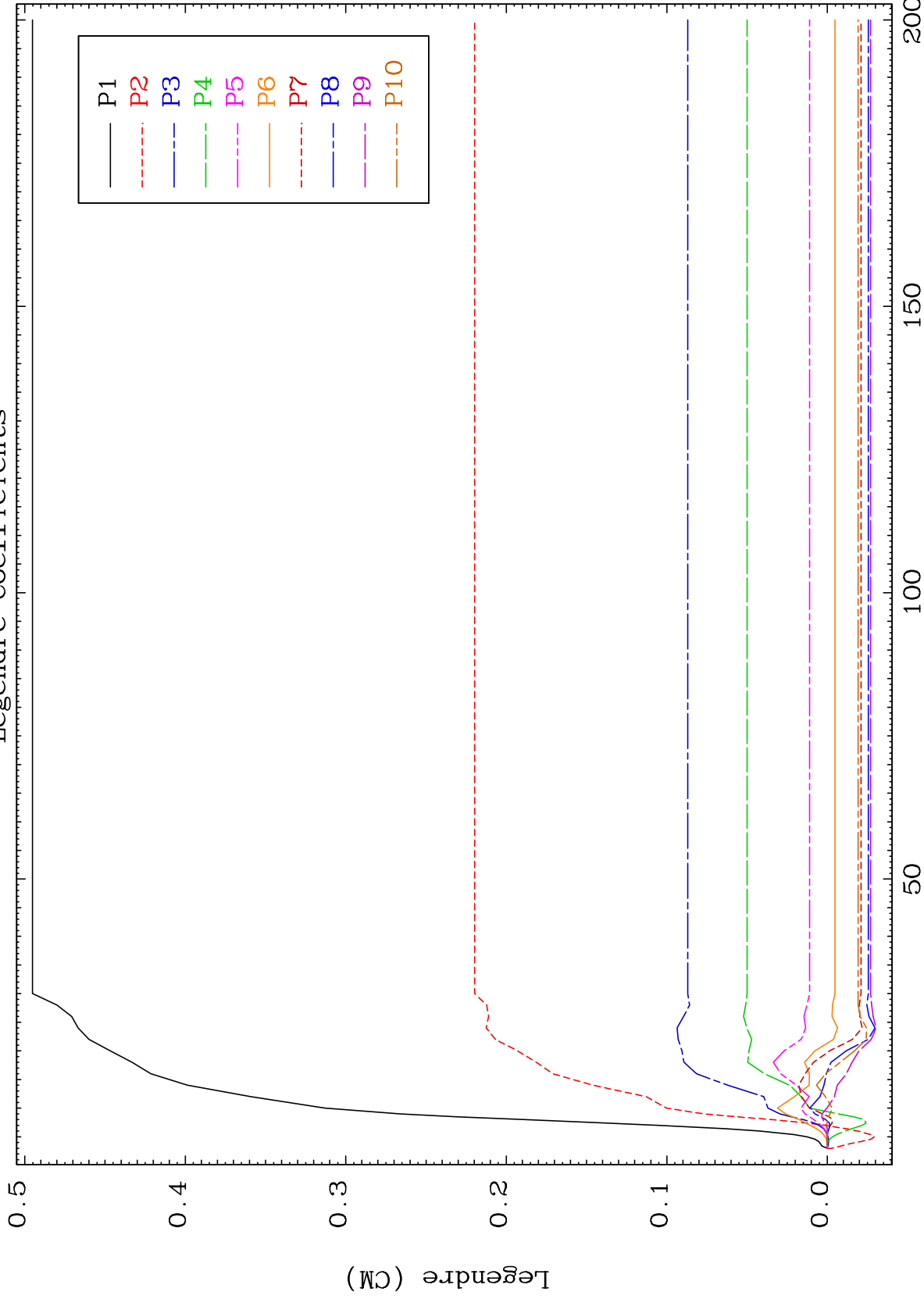


95 82-Pb-206

MAT 8231

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

82-Pb-206



96

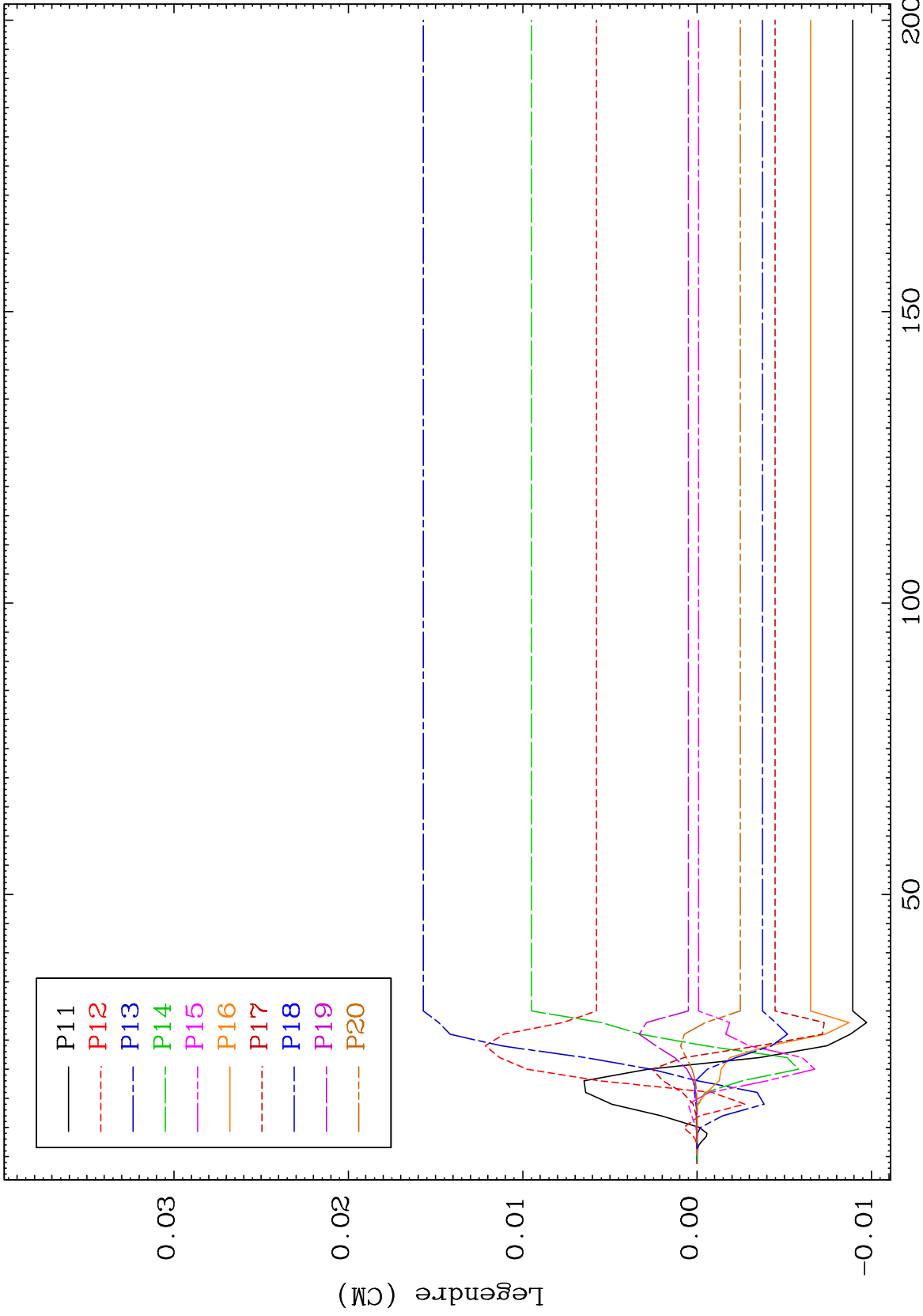
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



97

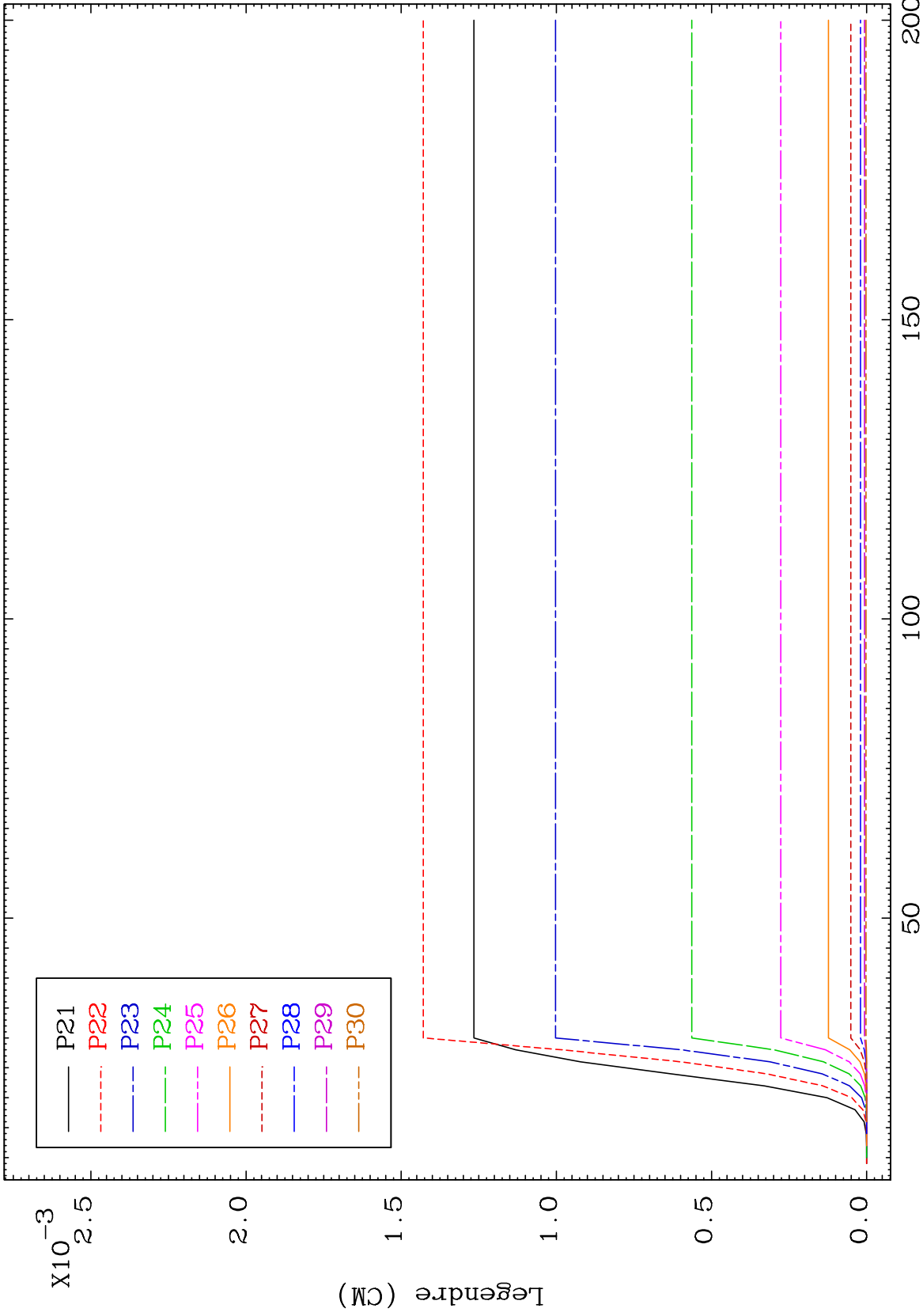
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



98

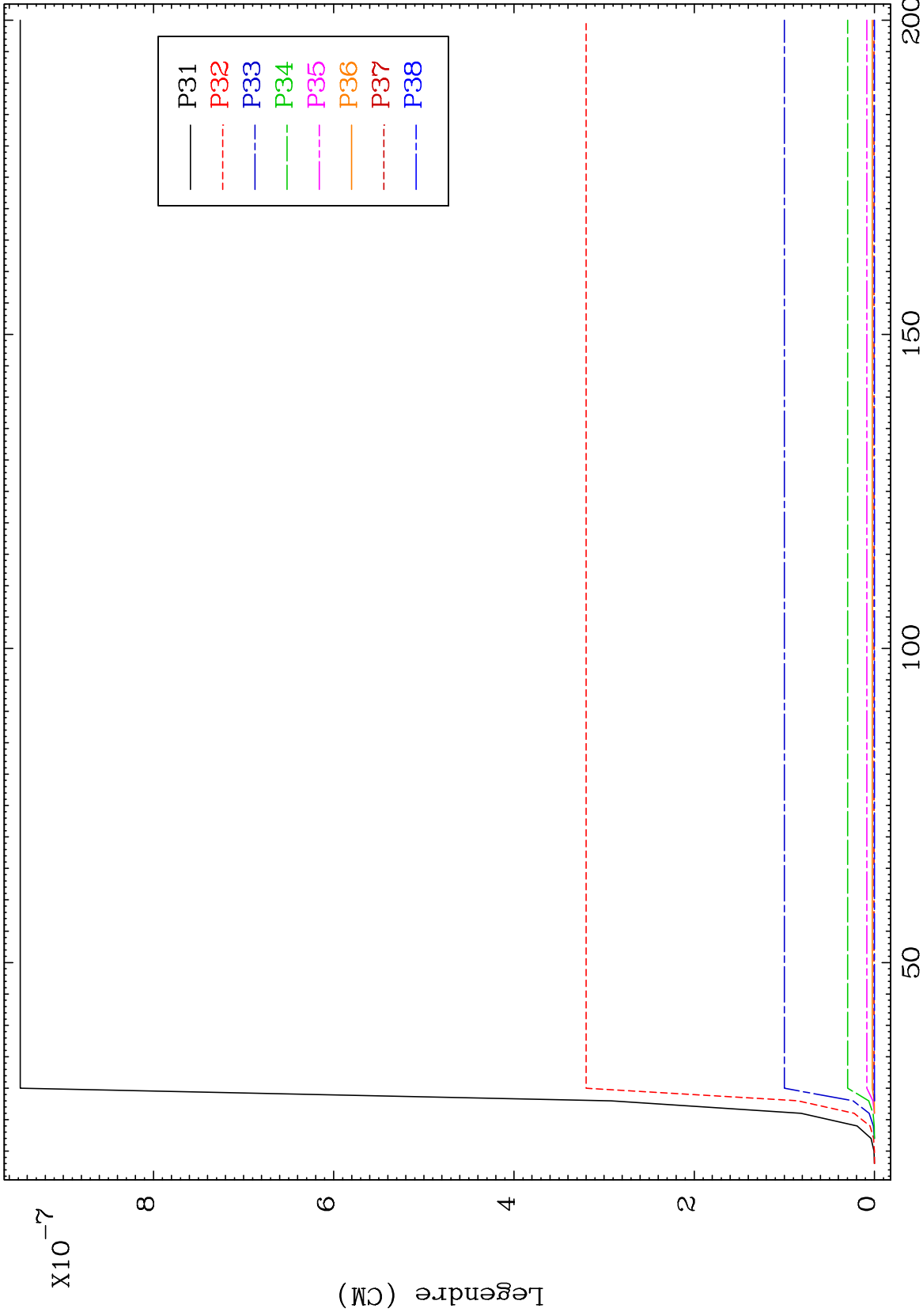
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



99

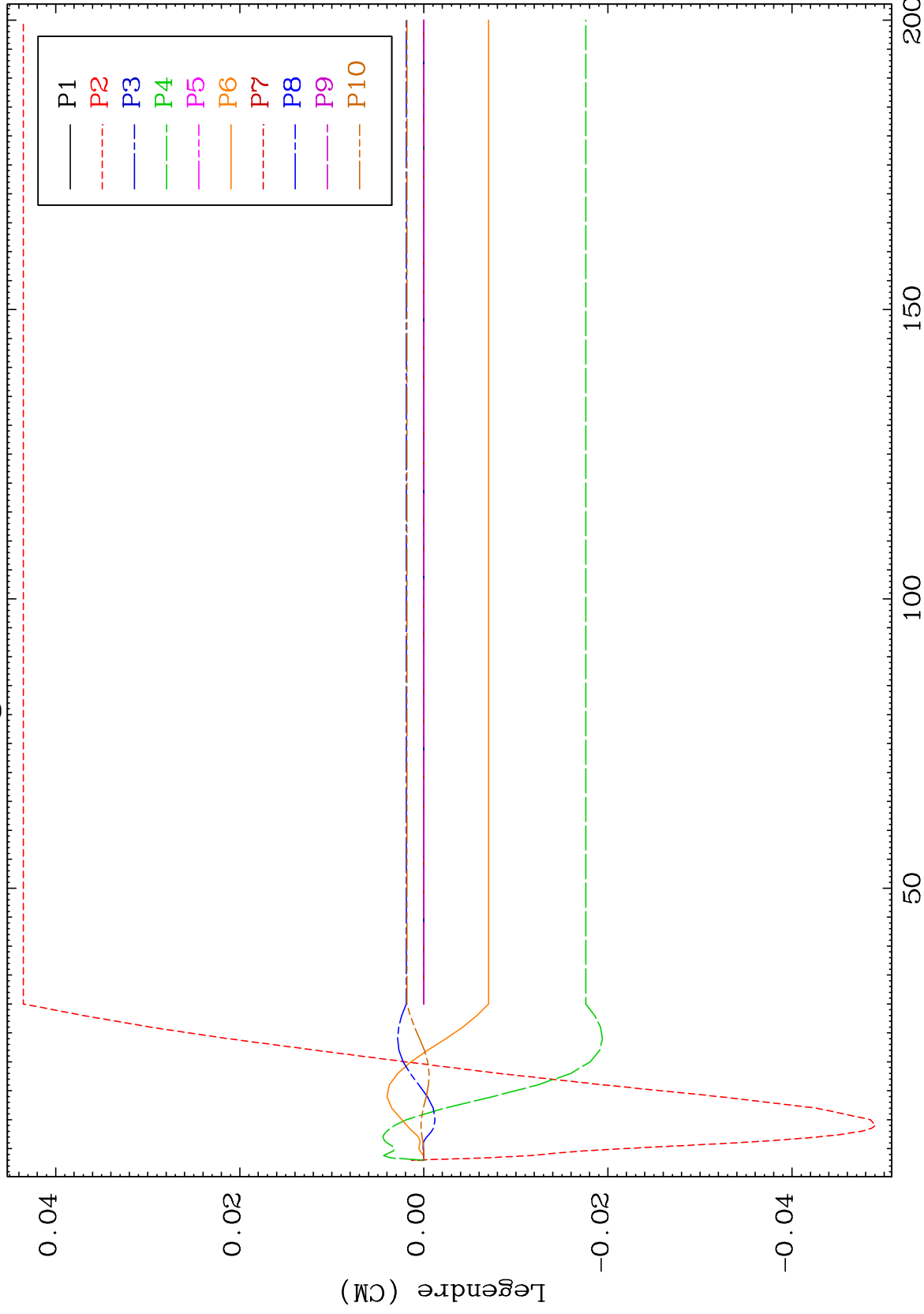
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



82-Pb-206

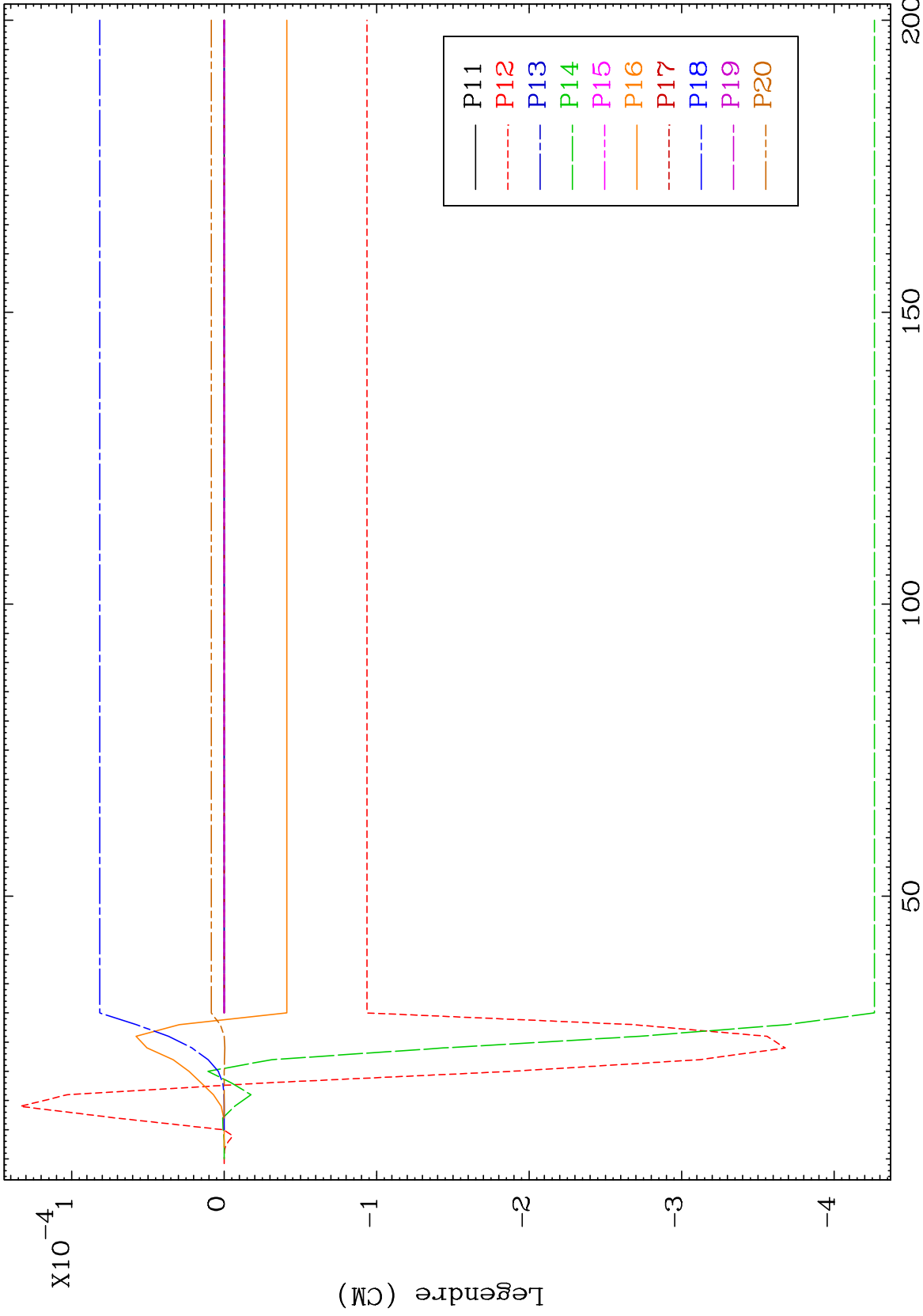
Incident Energy (MeV)

100

MAT 8231

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

82-Pb-206



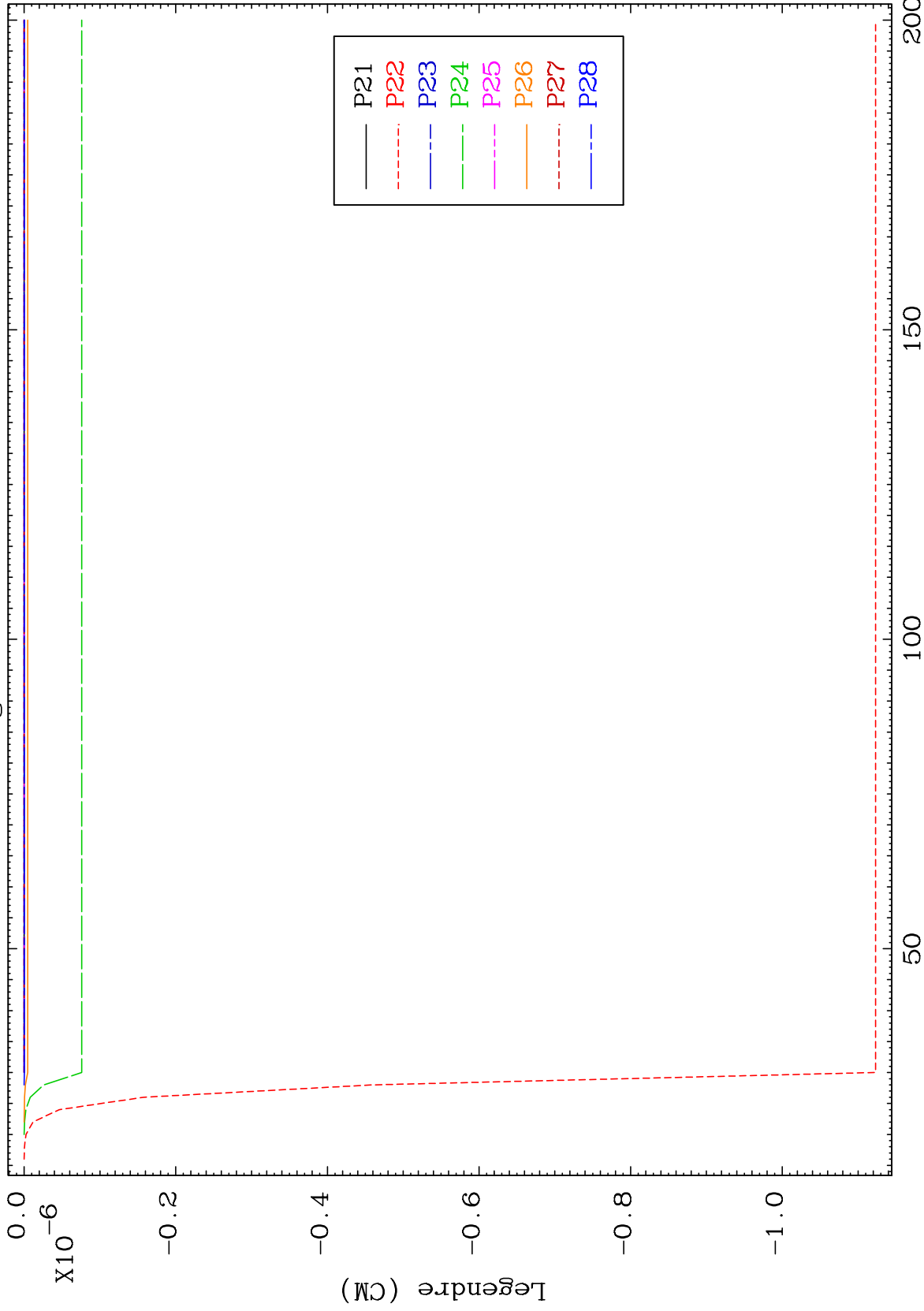
101

82-Pb-206

MAT 8231

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

82-Pb-206



102

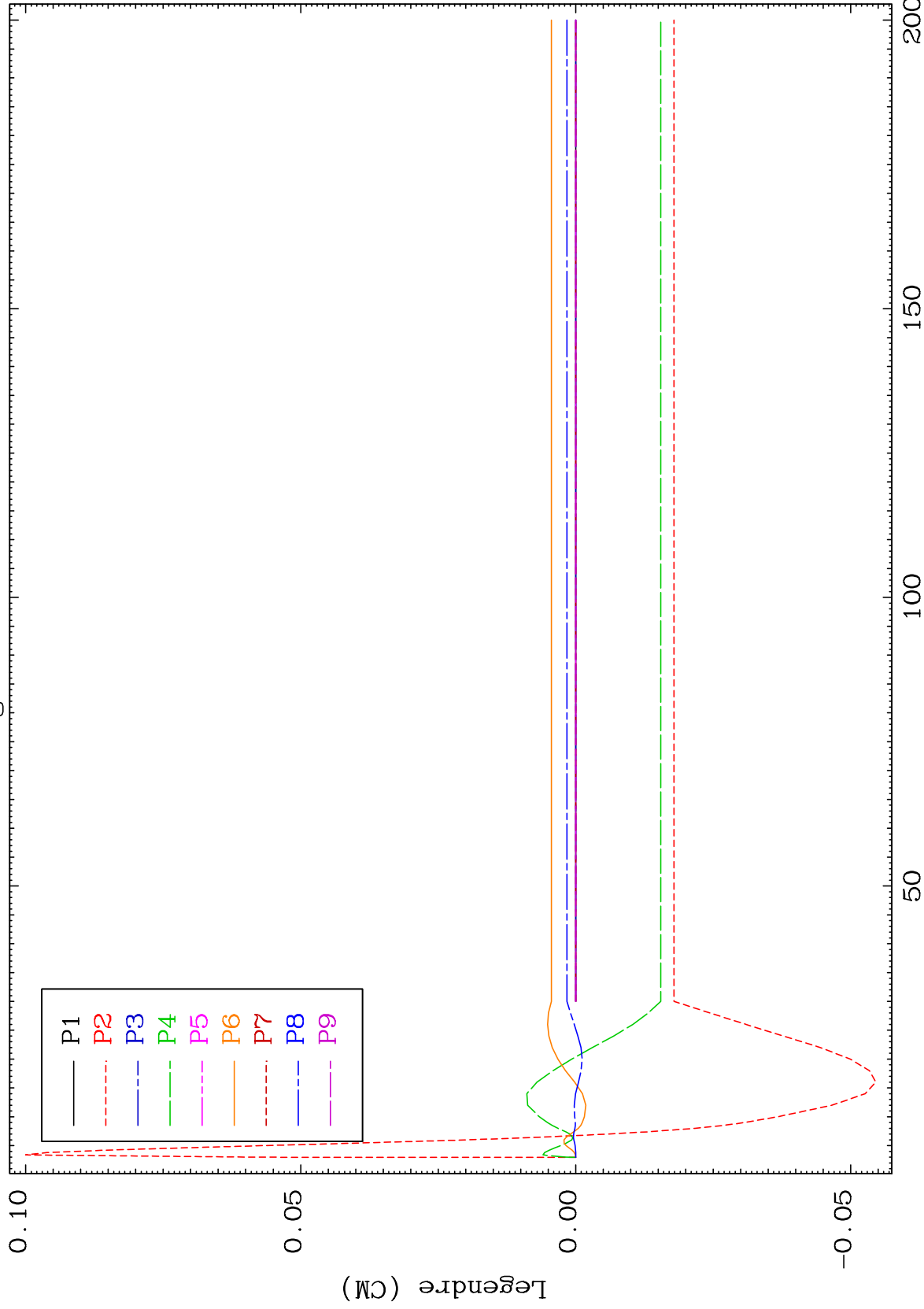
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



103

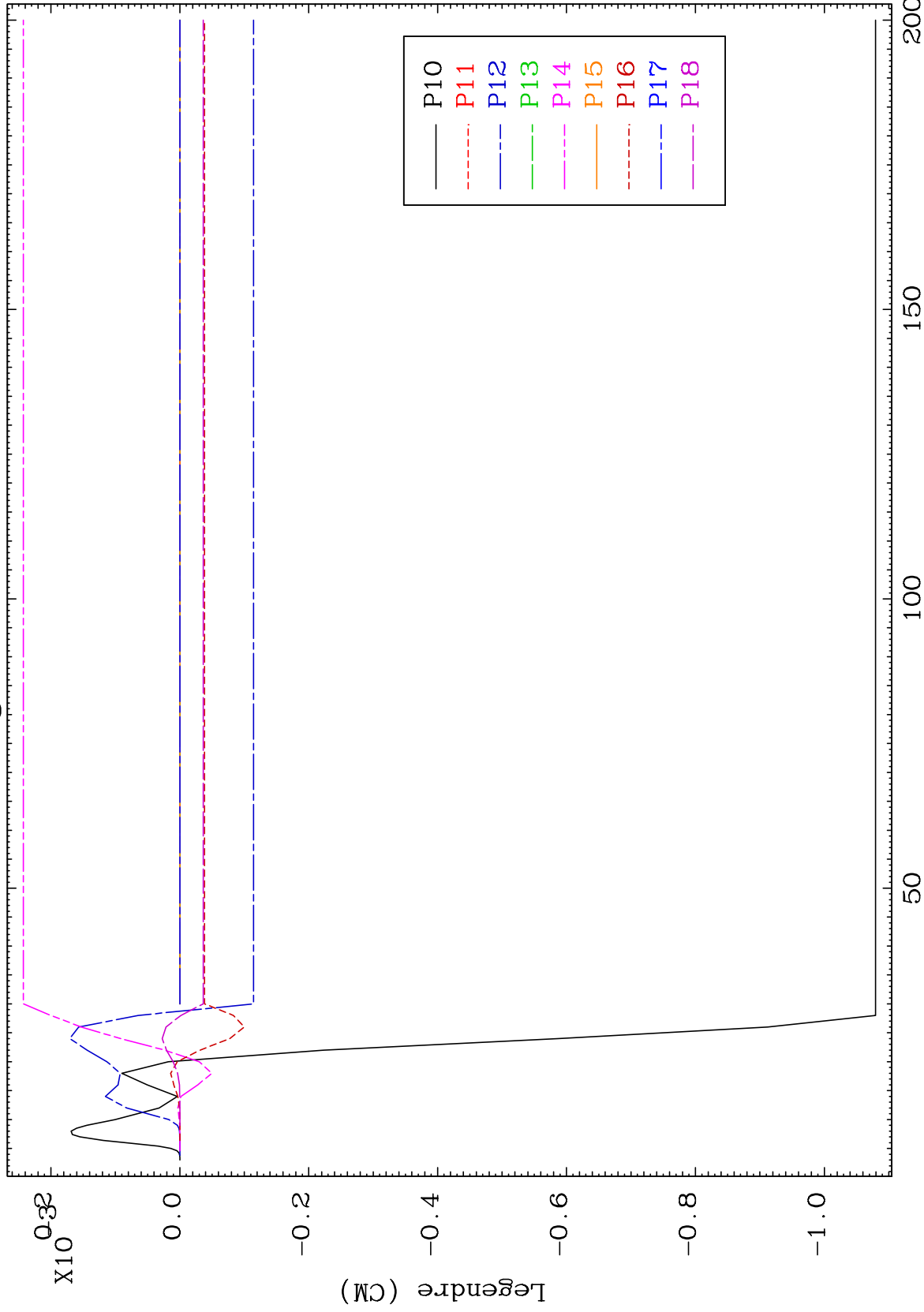
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



104

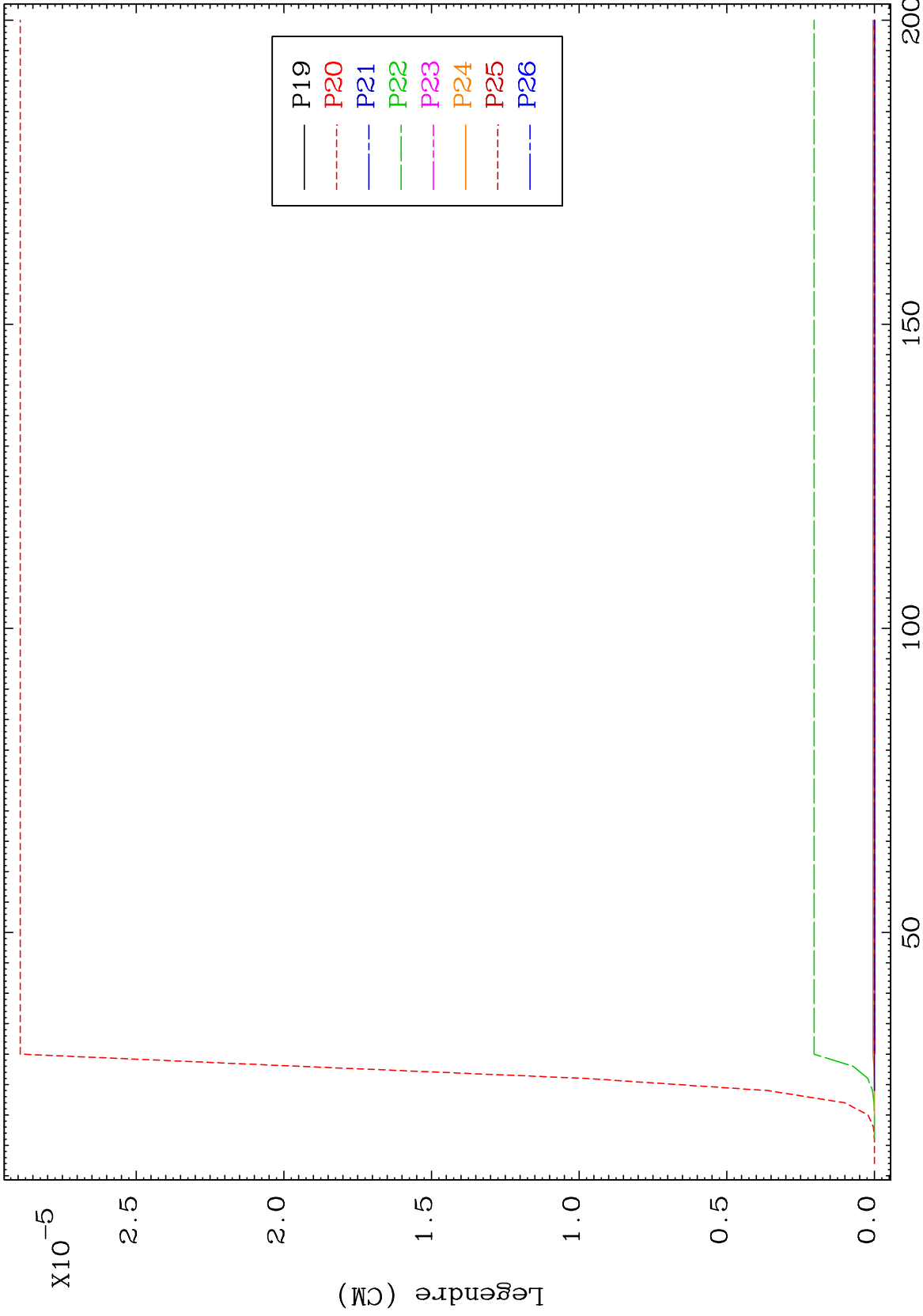
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



82-Pb-206

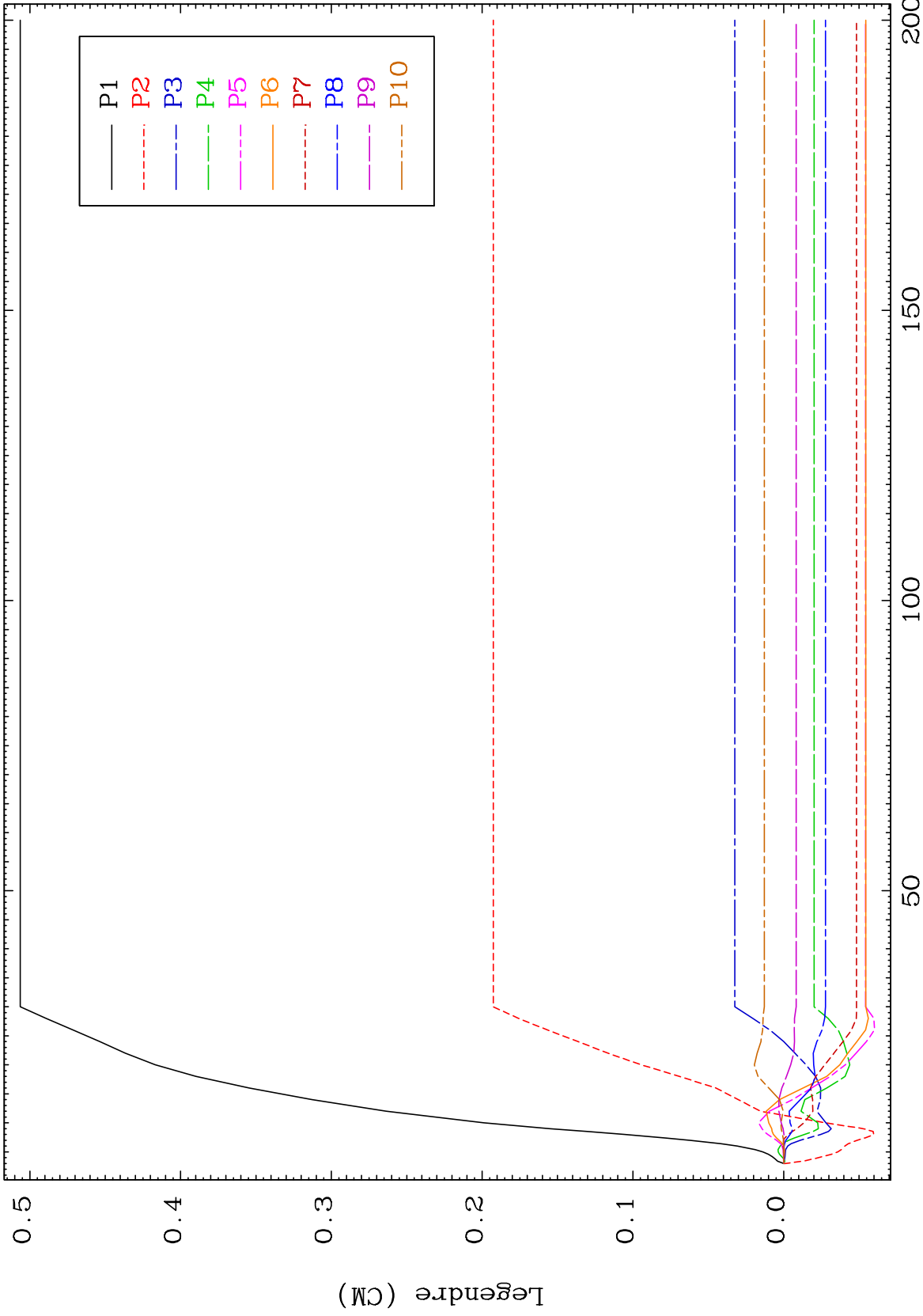
Incident Energy (MeV)

105

MAT 8231

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

82-Pb-206



106

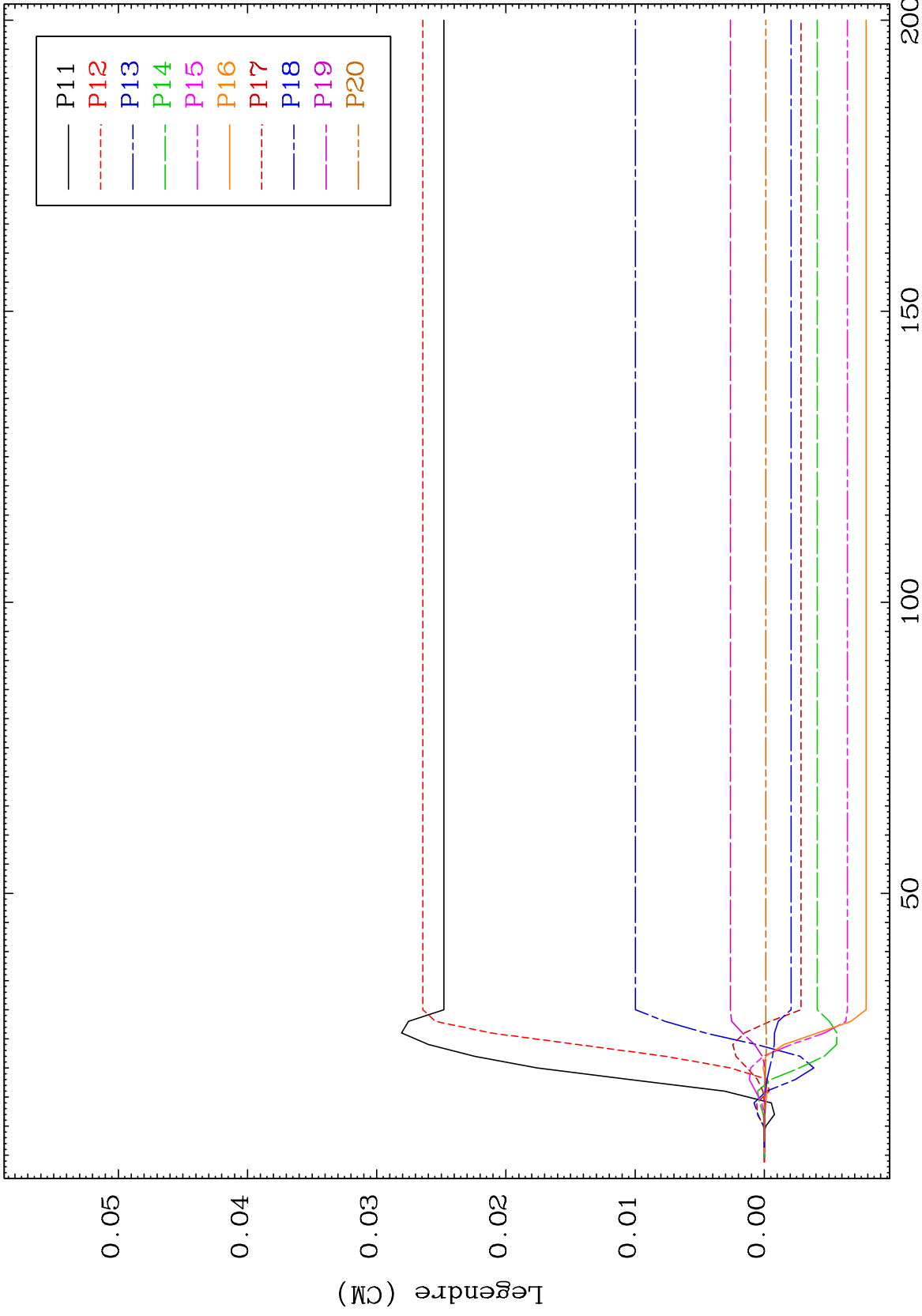
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



107

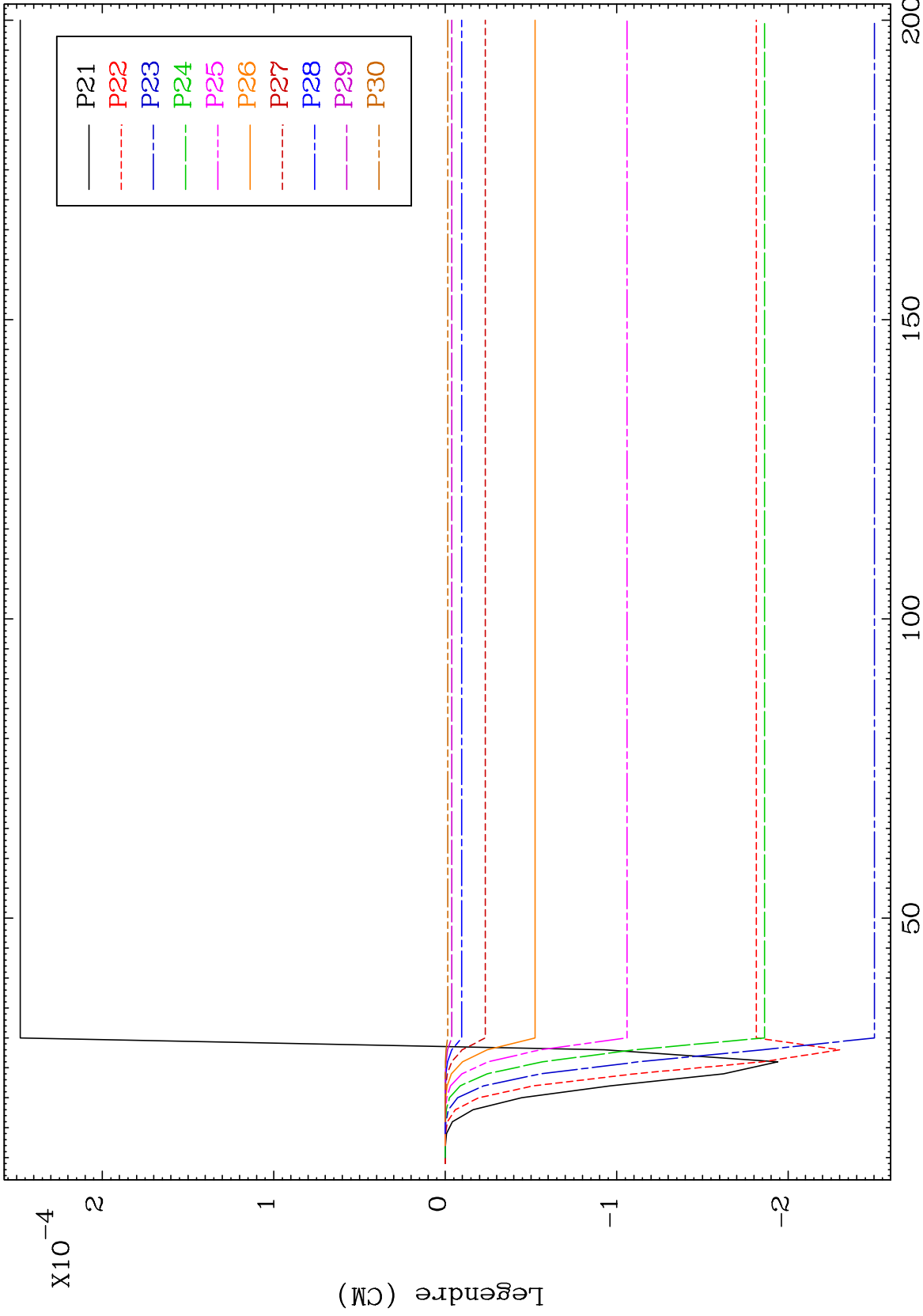
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



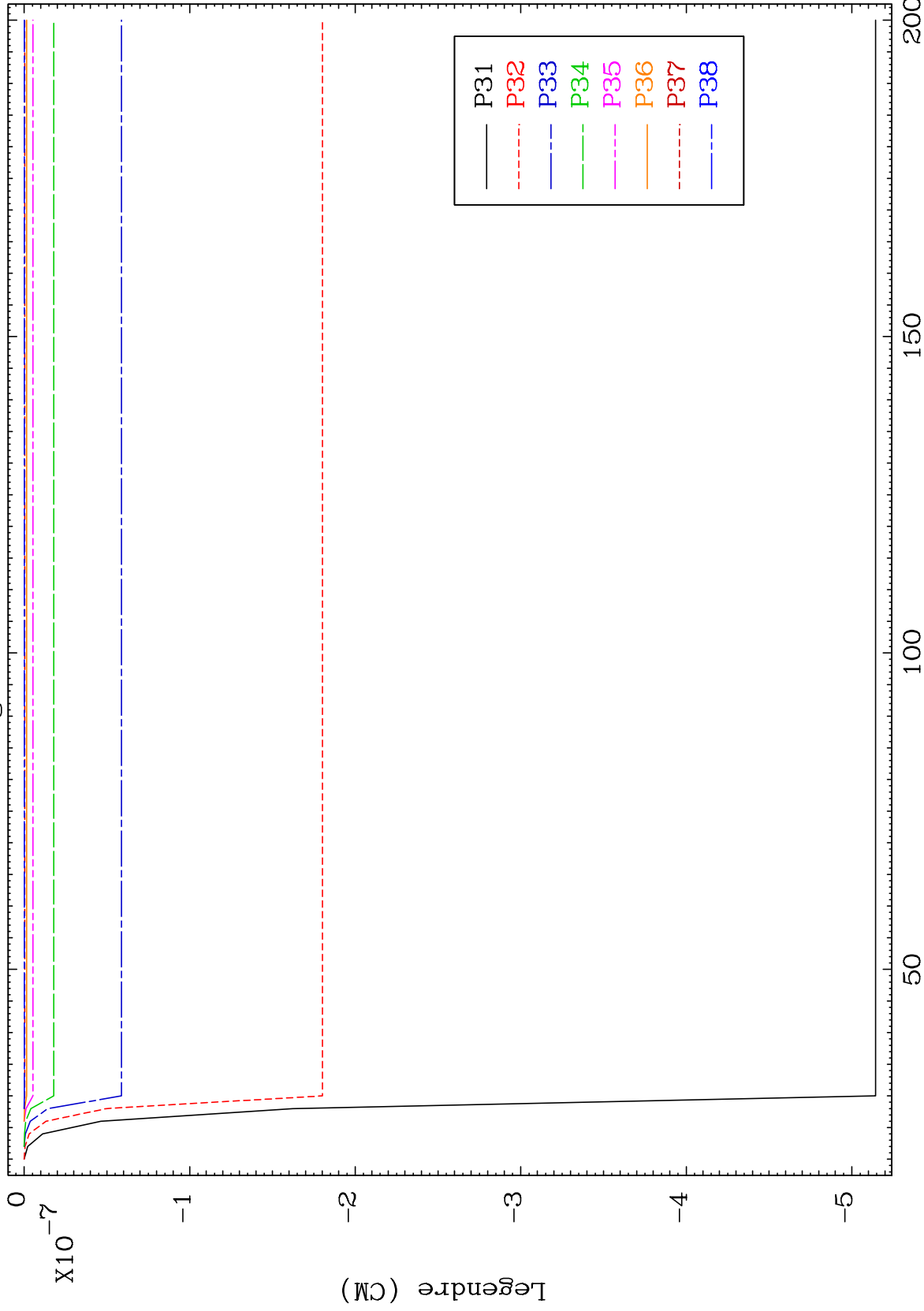
108

82-Pb-206

MAT 8231

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

82-Pb-206



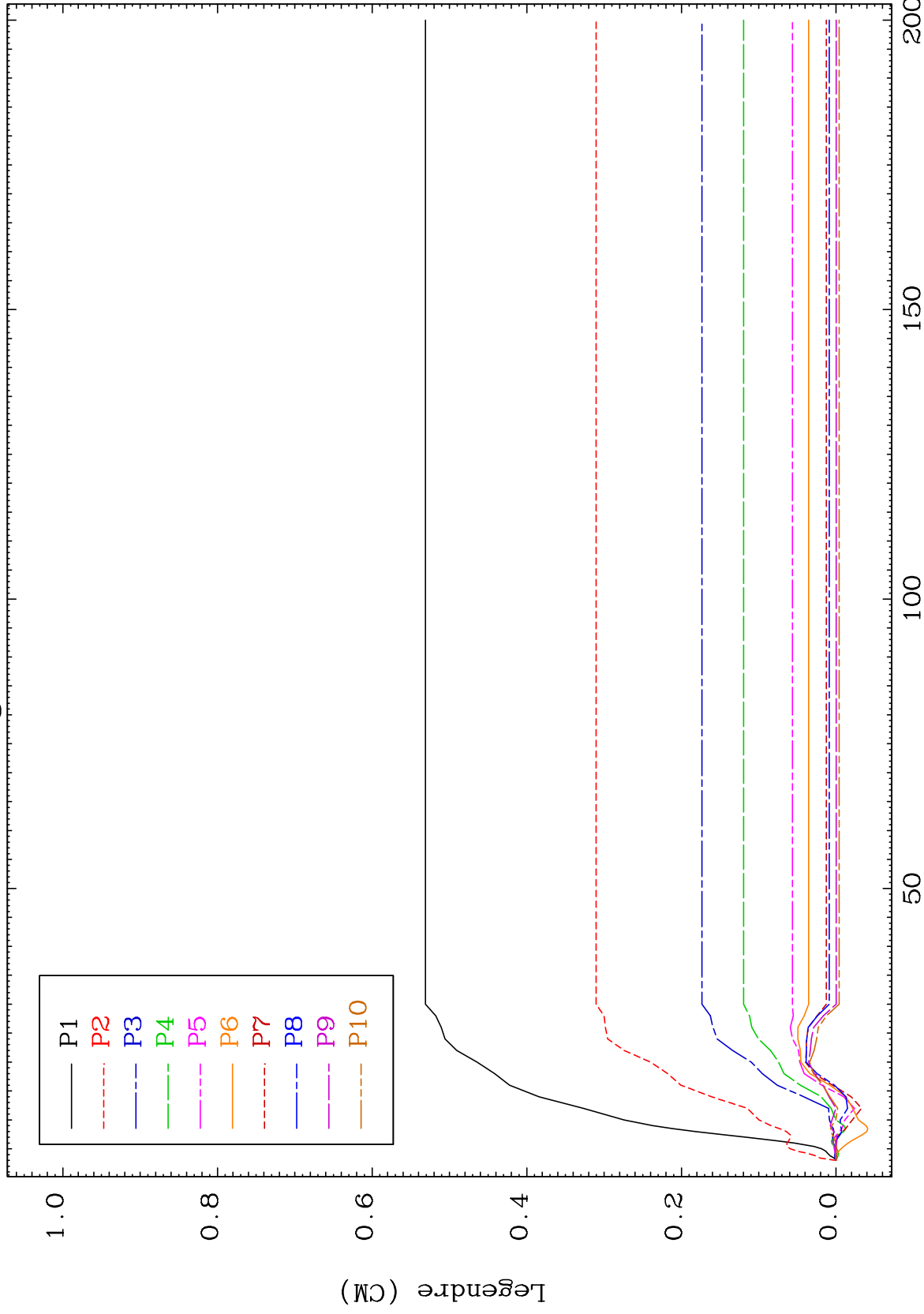
109

82-Pb-206

MAT 8231

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

82-Pb-206



110

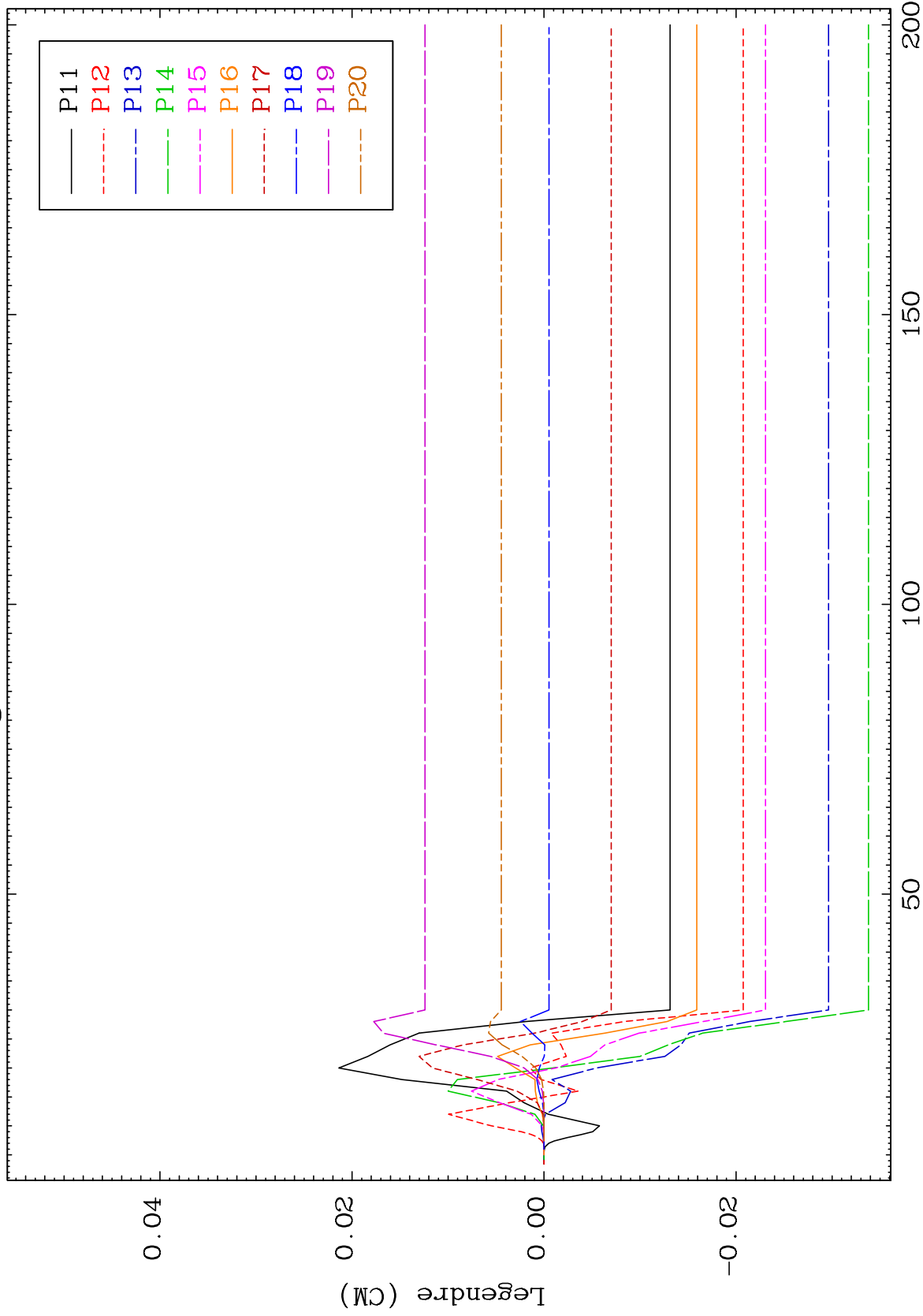
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



111

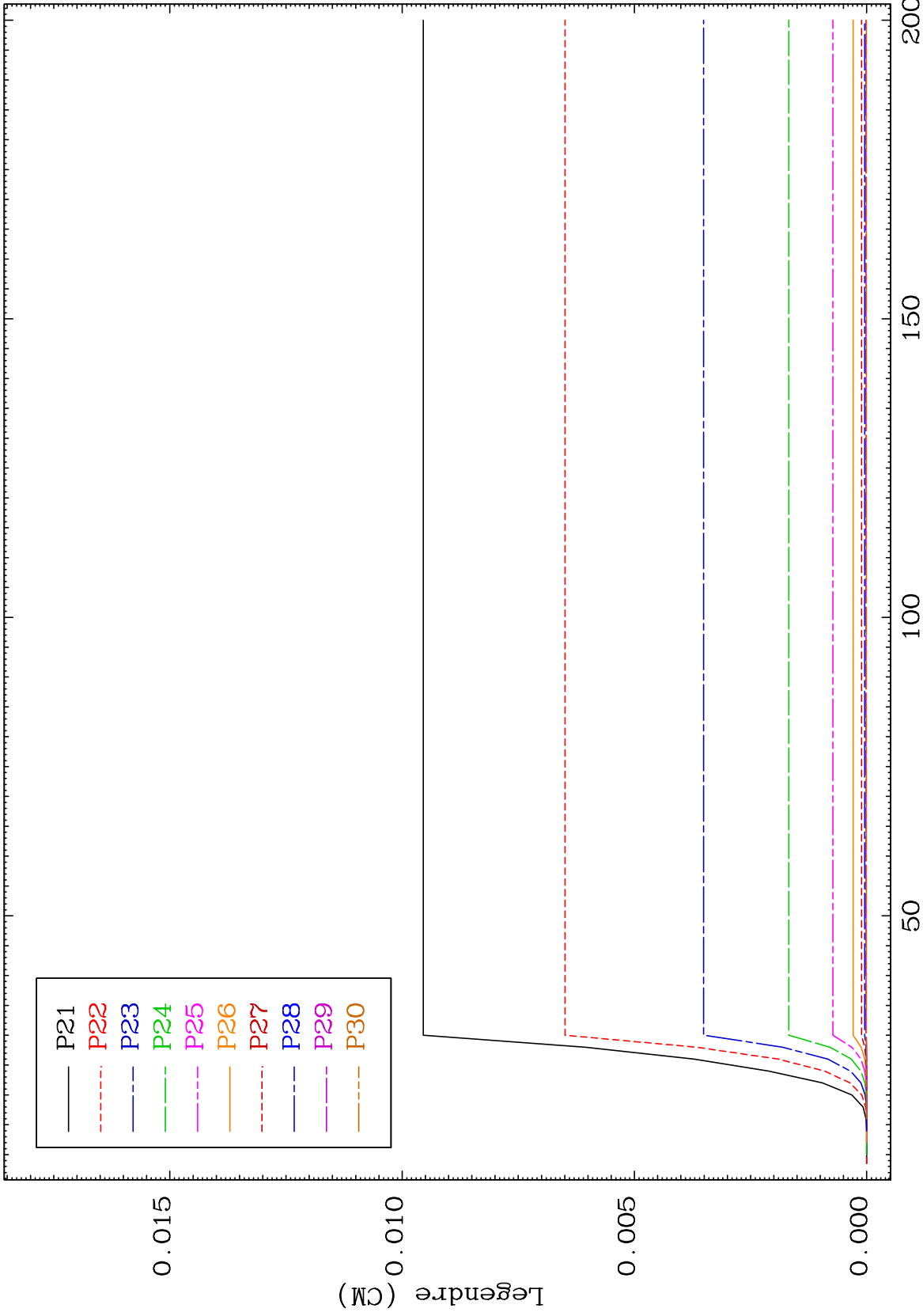
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



112

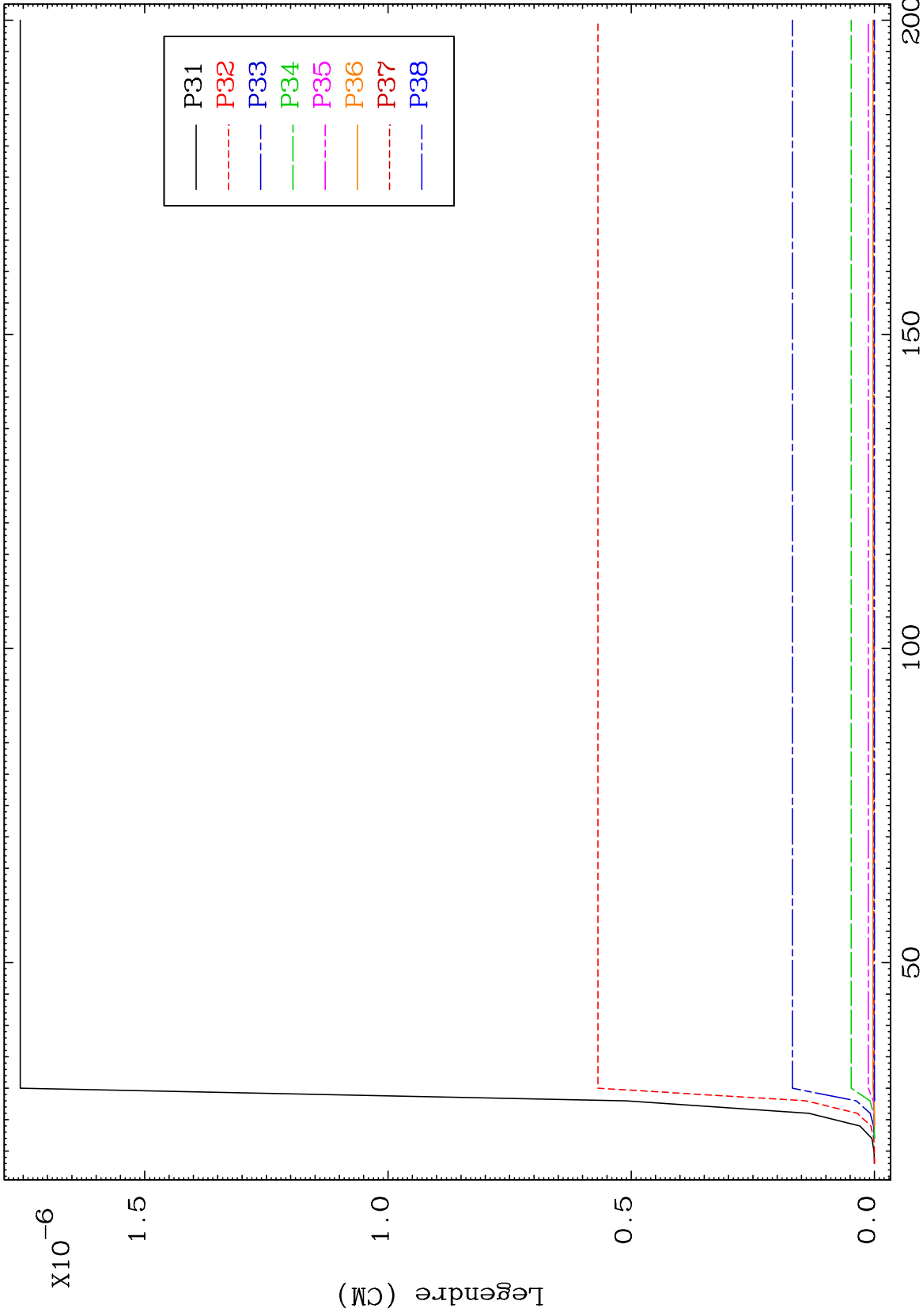
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



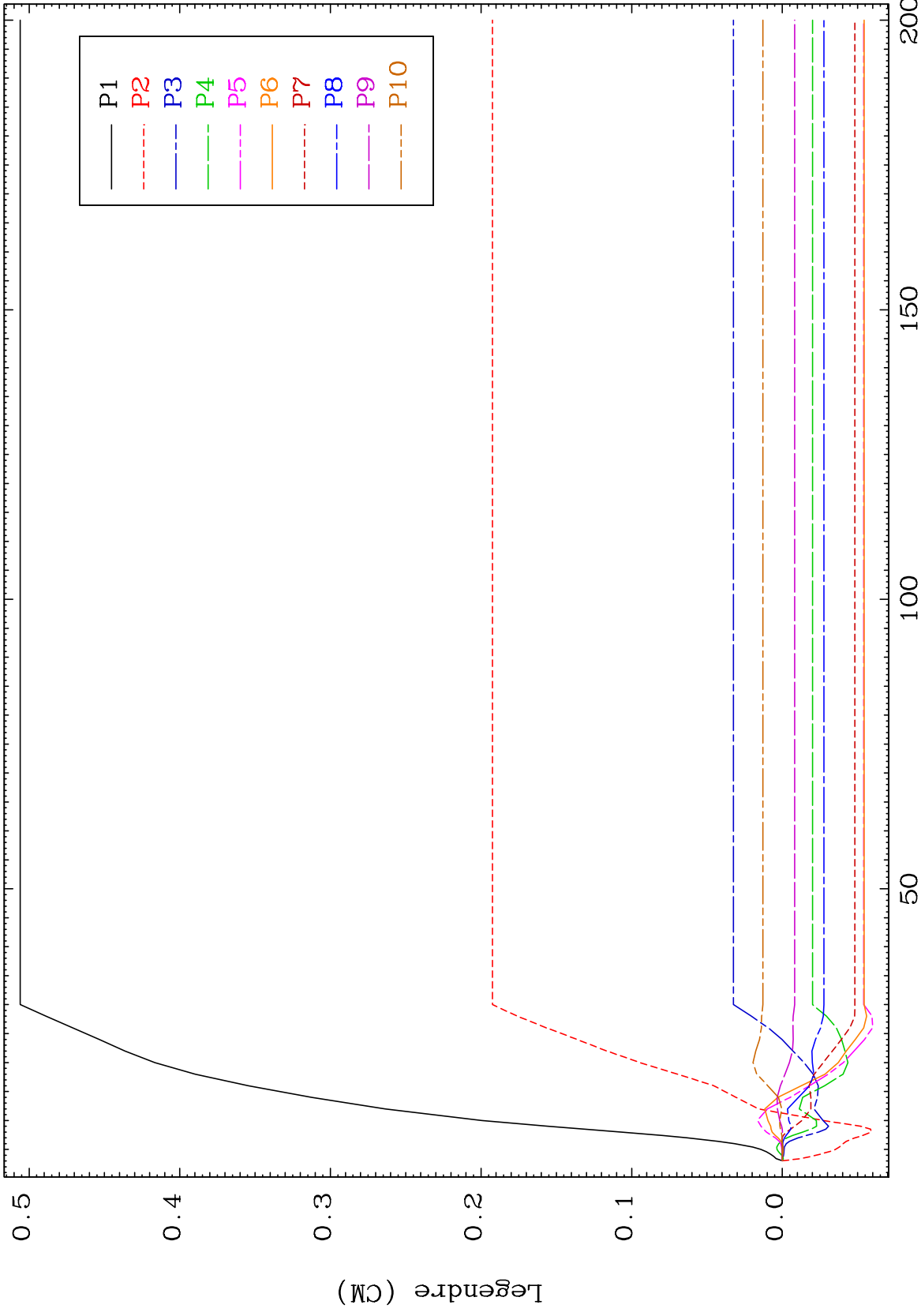
113

82-Pb-206

MAT 8231

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

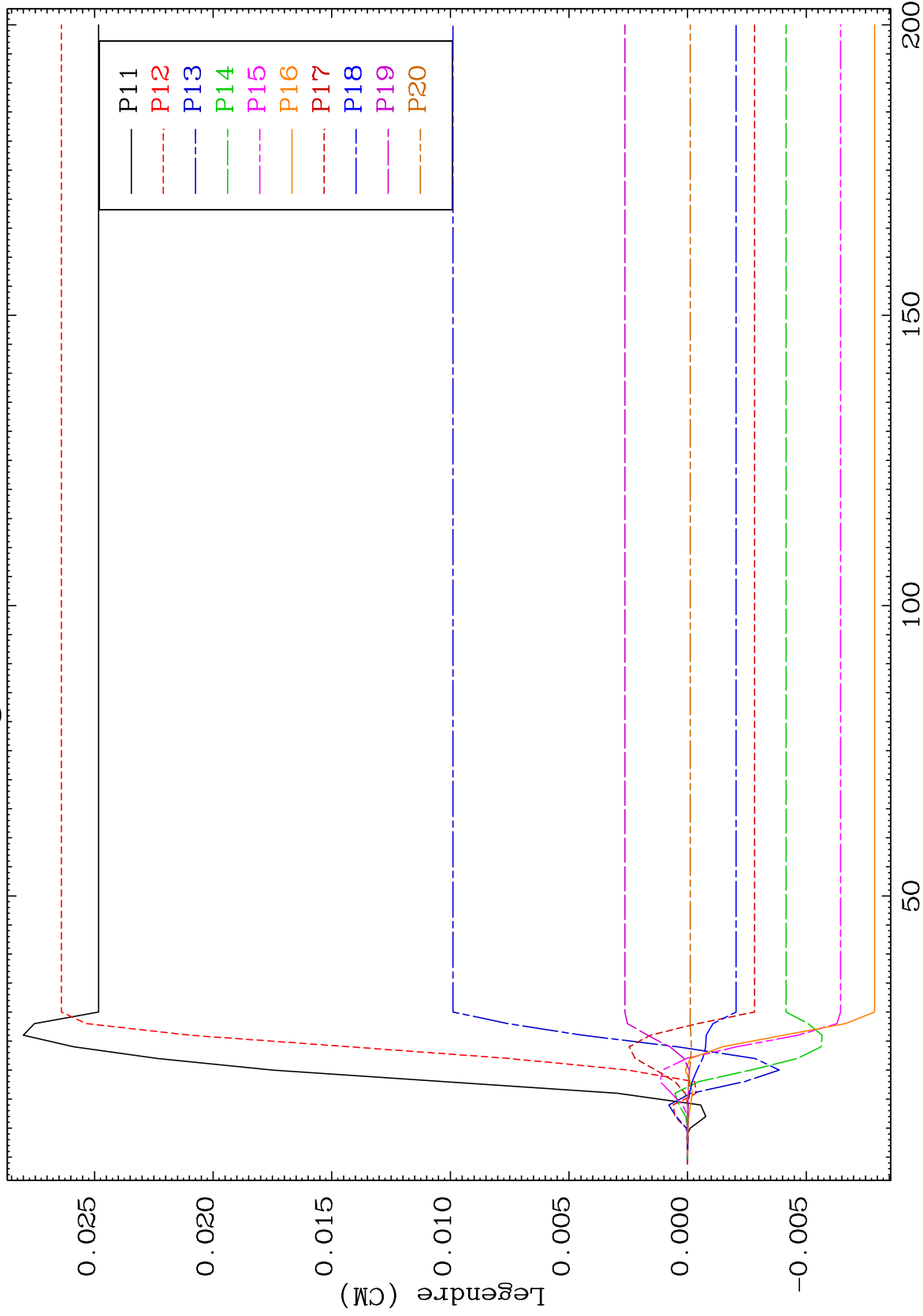
82-Pb-206



MAT 8231

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

82-Pb-206



115

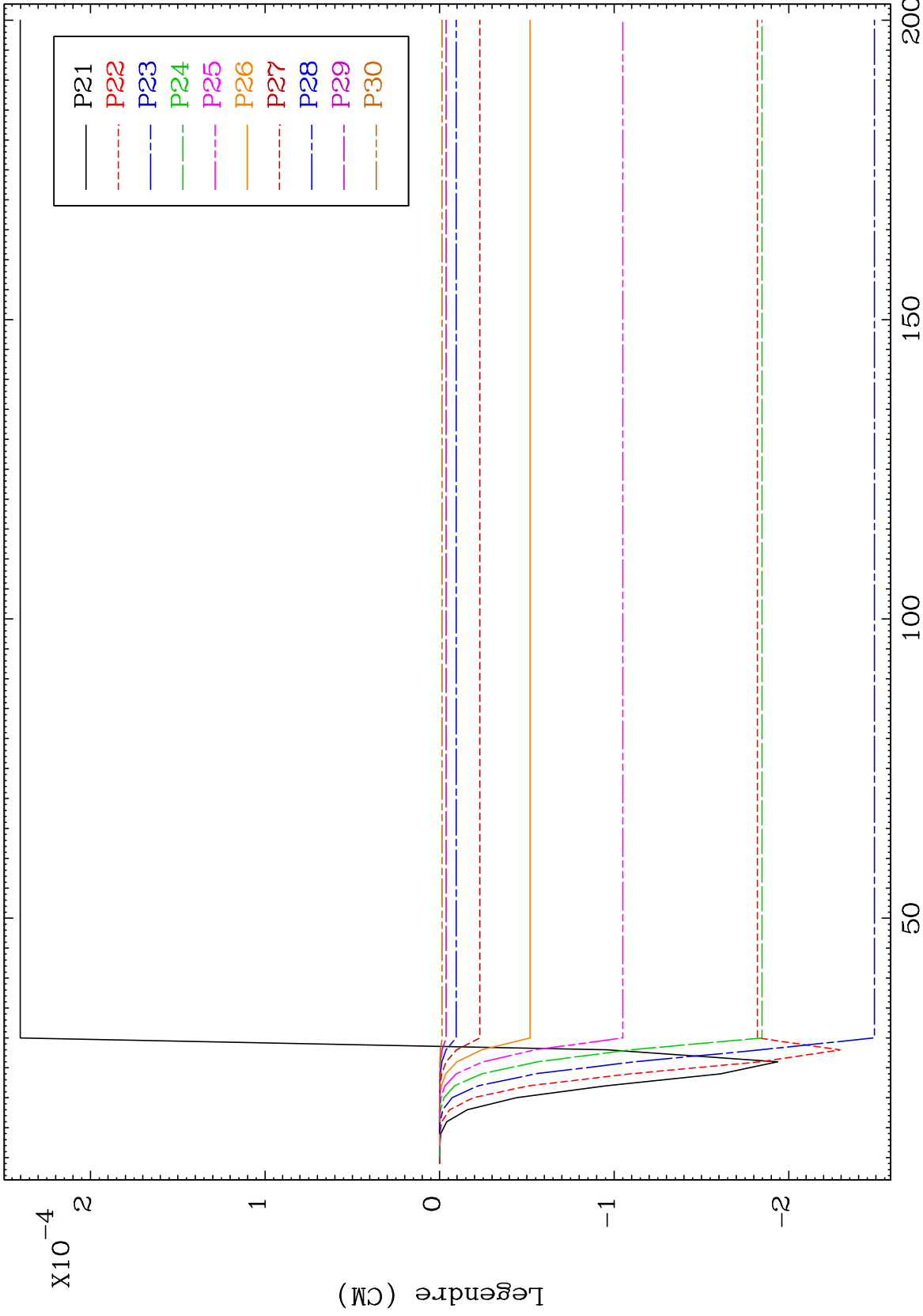
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



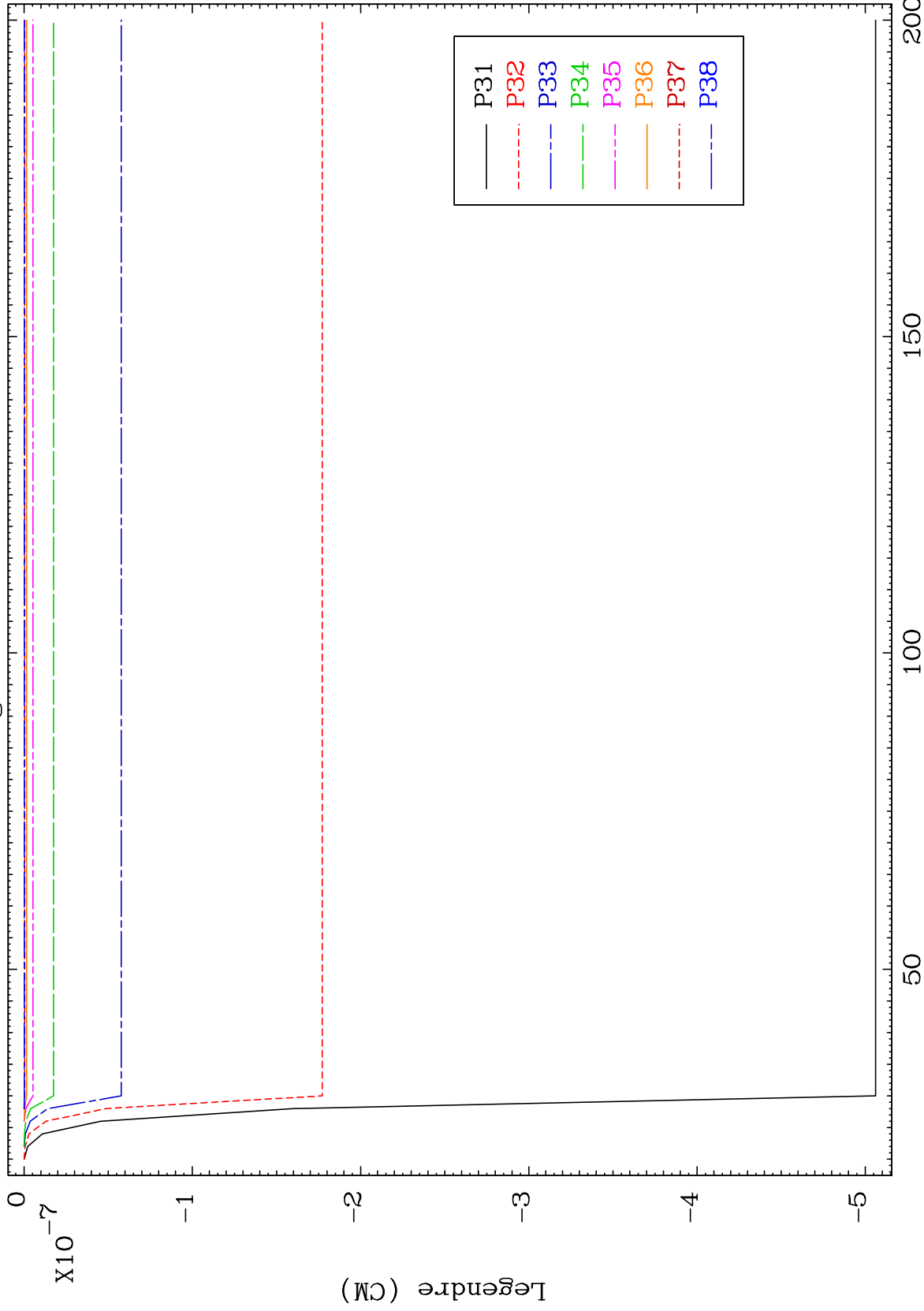
116

82-Pb-206

MAT 8231

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

82-Pb-206



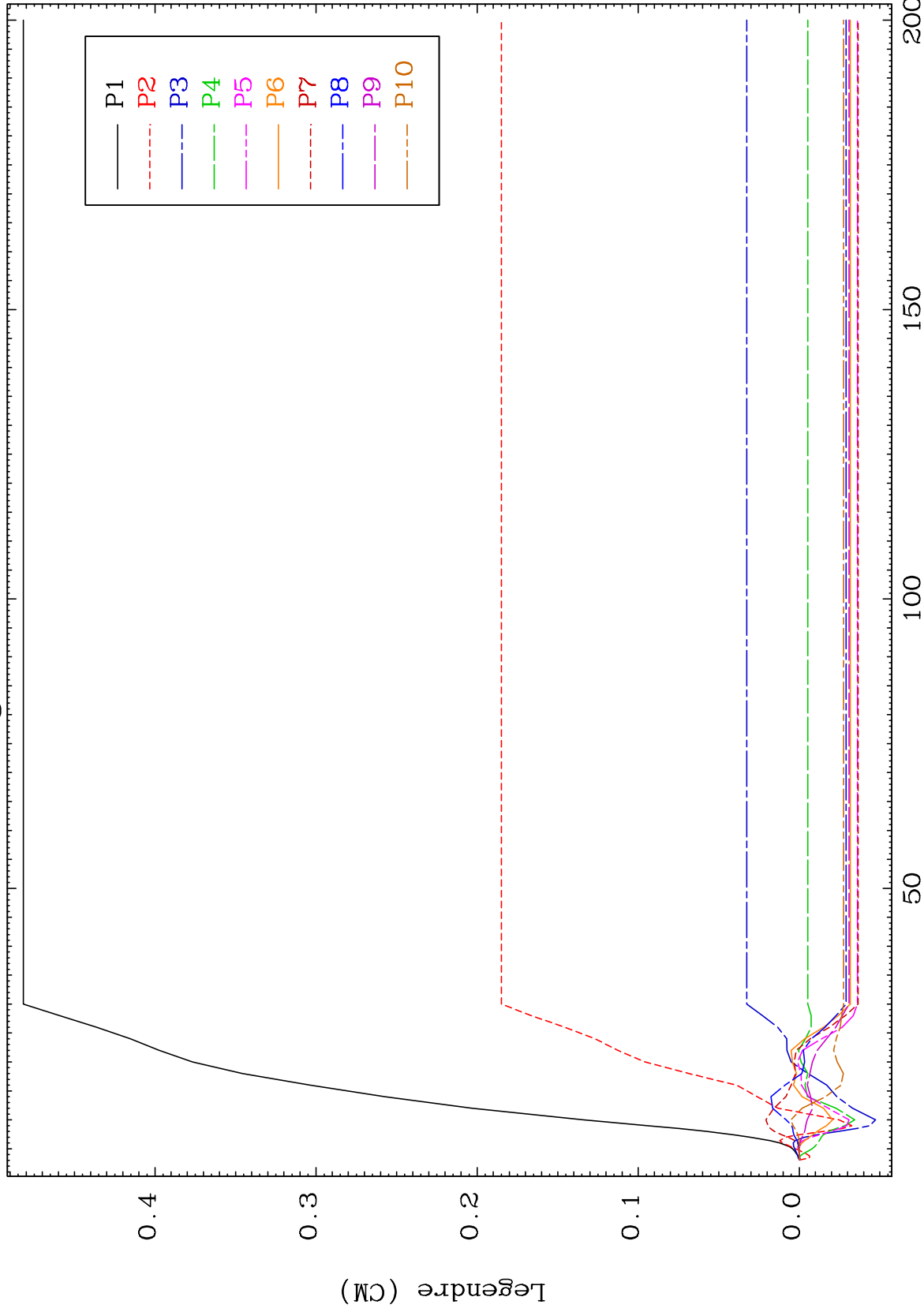
82-Pb-206

117

MAT 8231

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

82-Pb-206



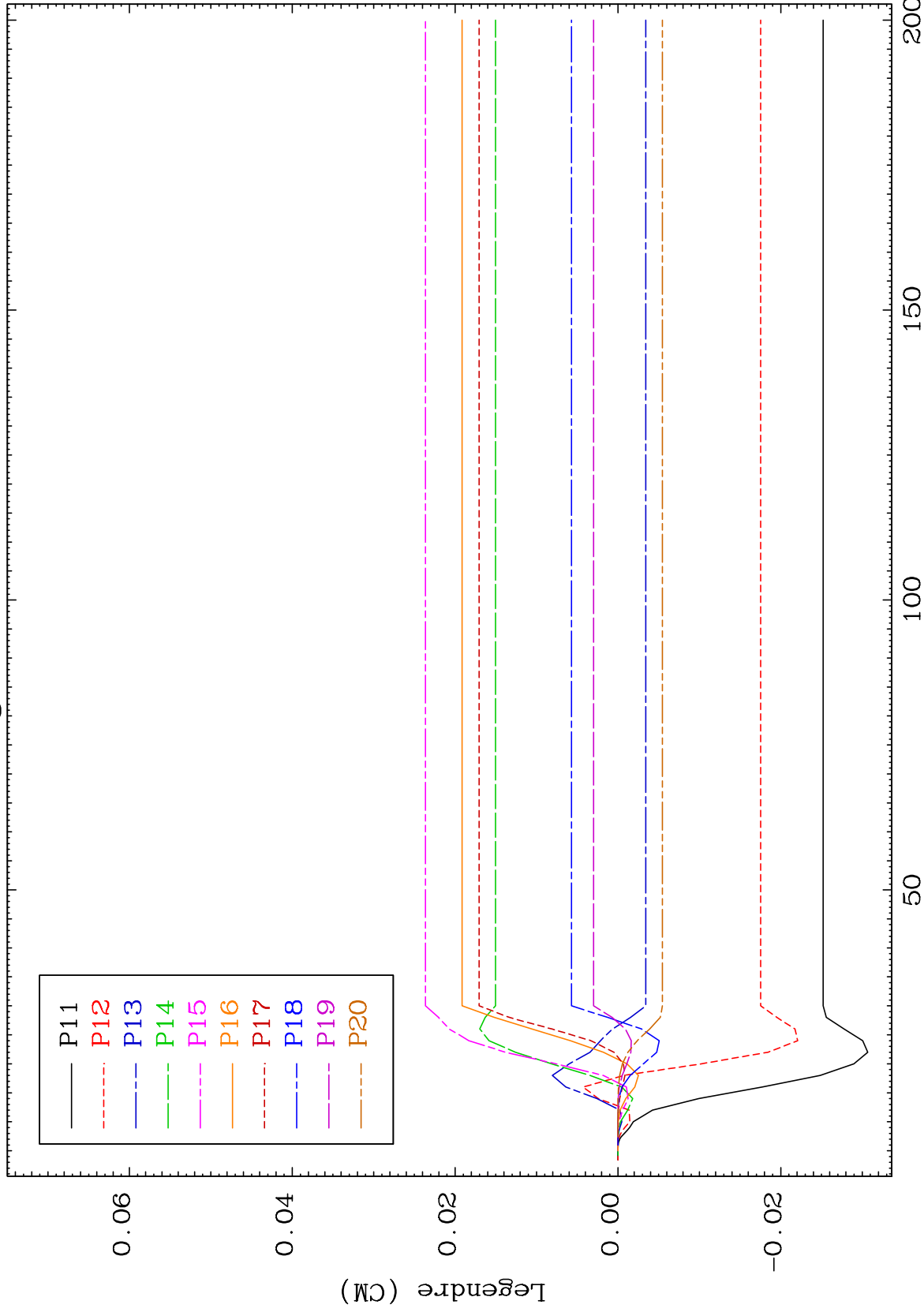
118

82-Pb-206

MAT 8231

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

82-Pb-206



119

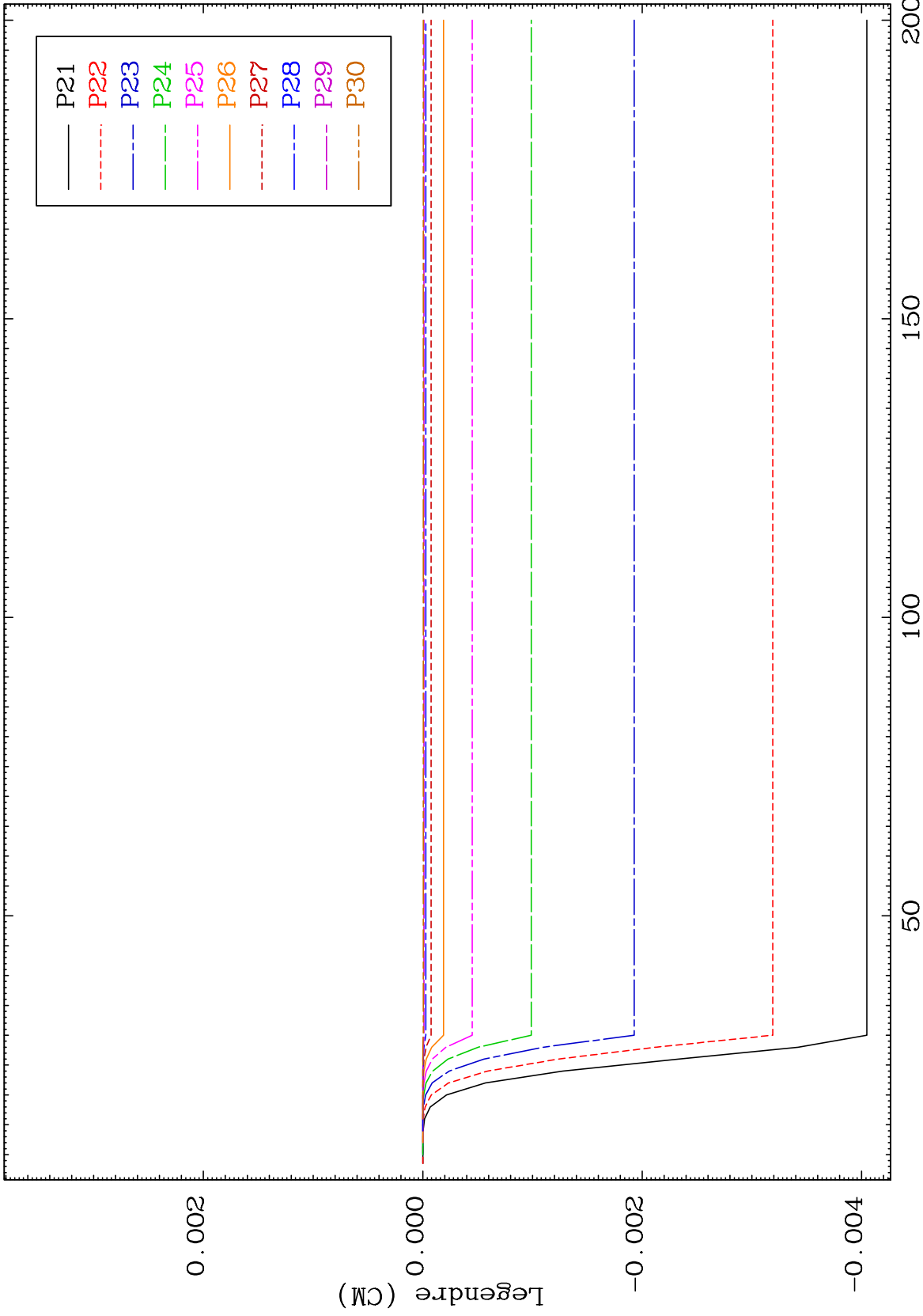
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



120

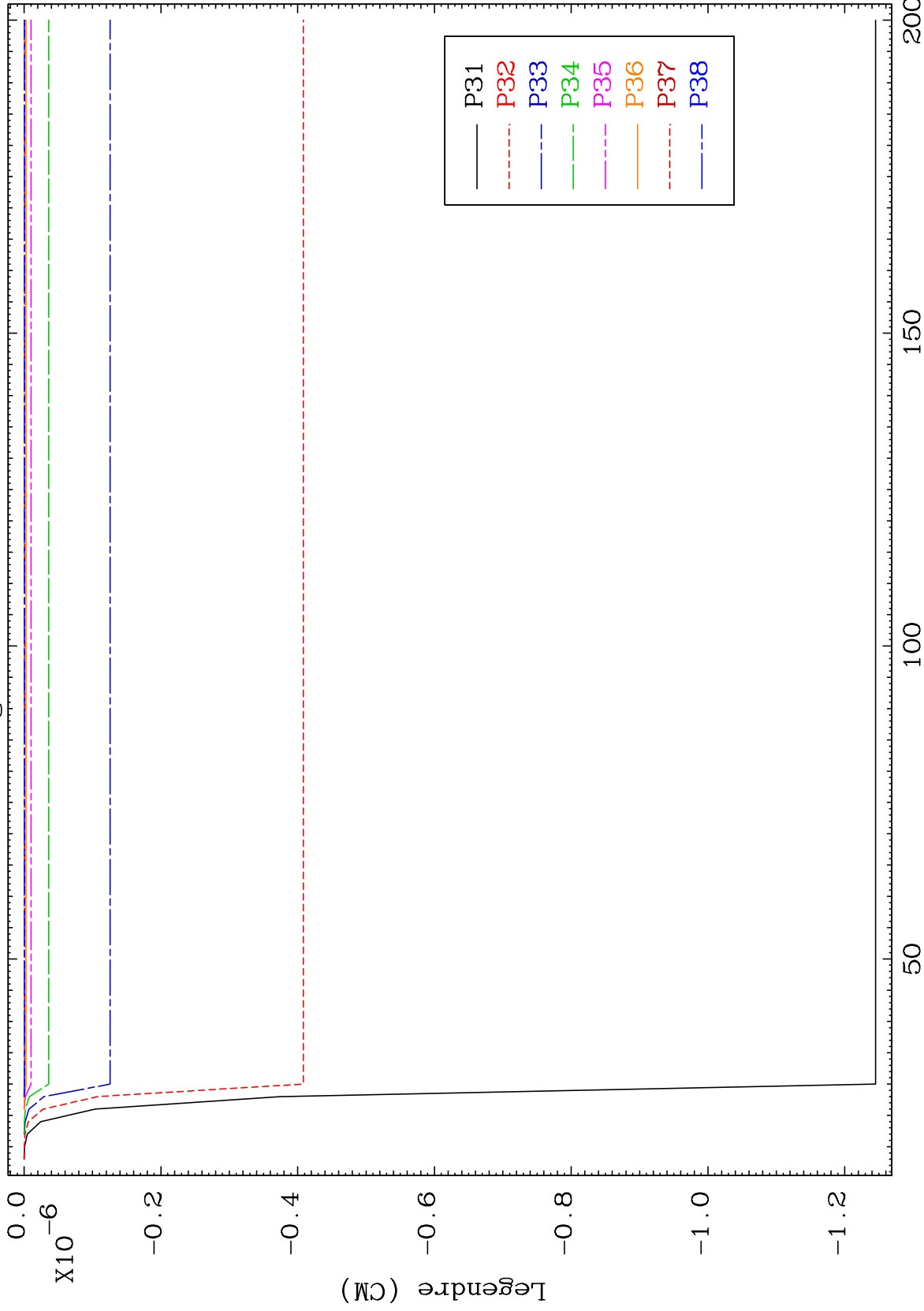
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



121

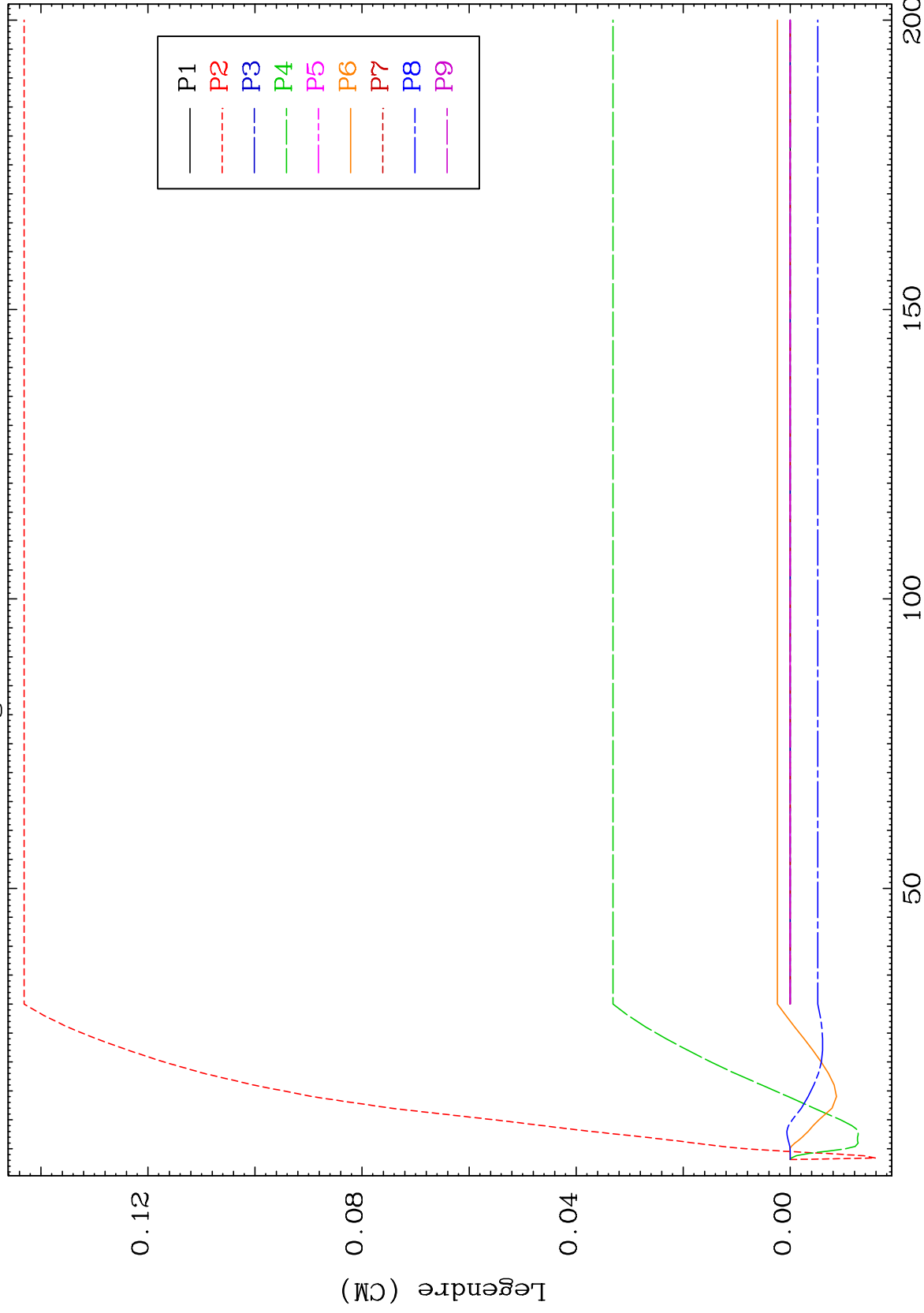
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



122

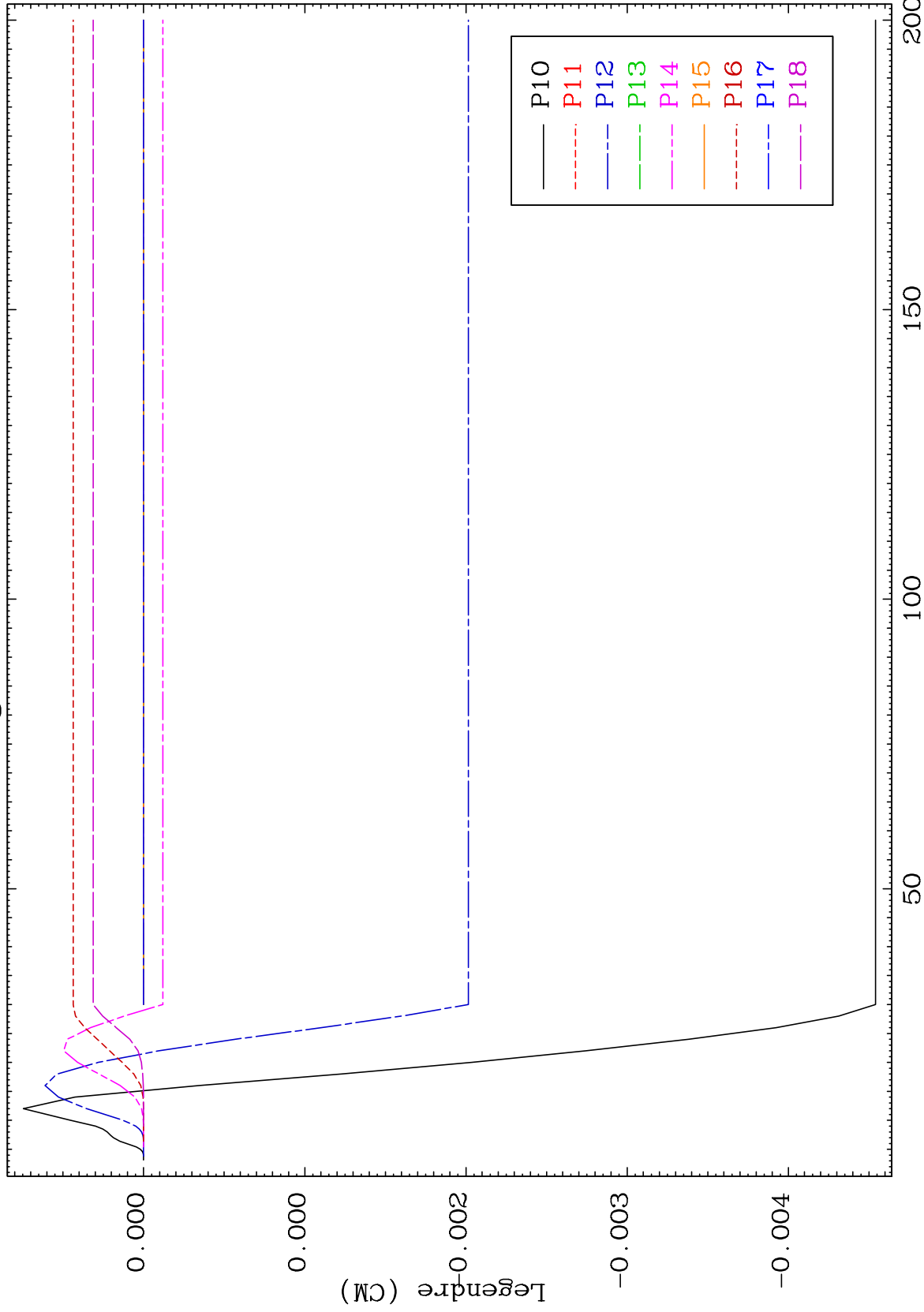
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206

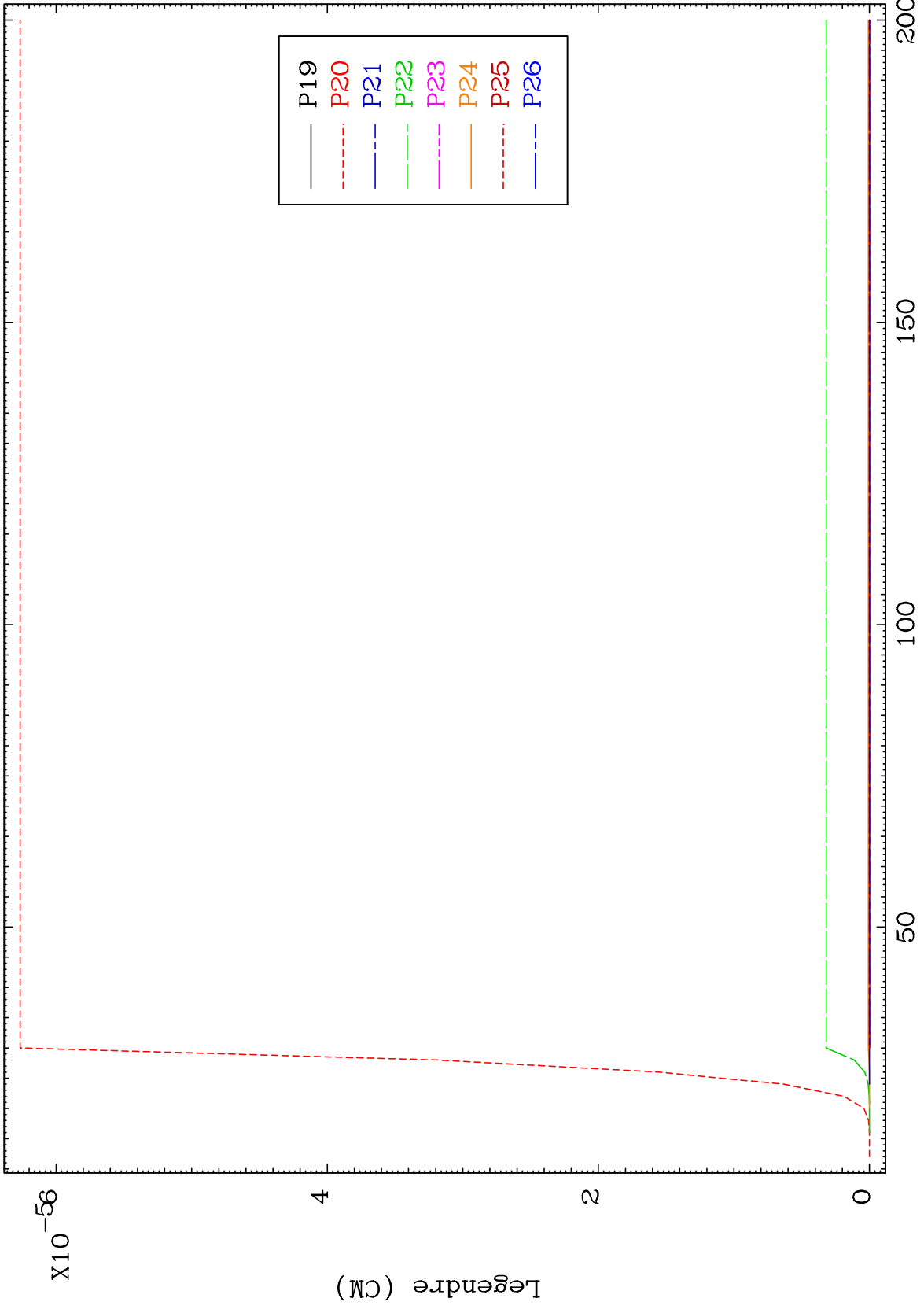


123

Incident Energy (MeV)

82-Pb-206

MAT 8231 MT= 79 (n,n') Level Legendre Coefficients 82-Pb-206

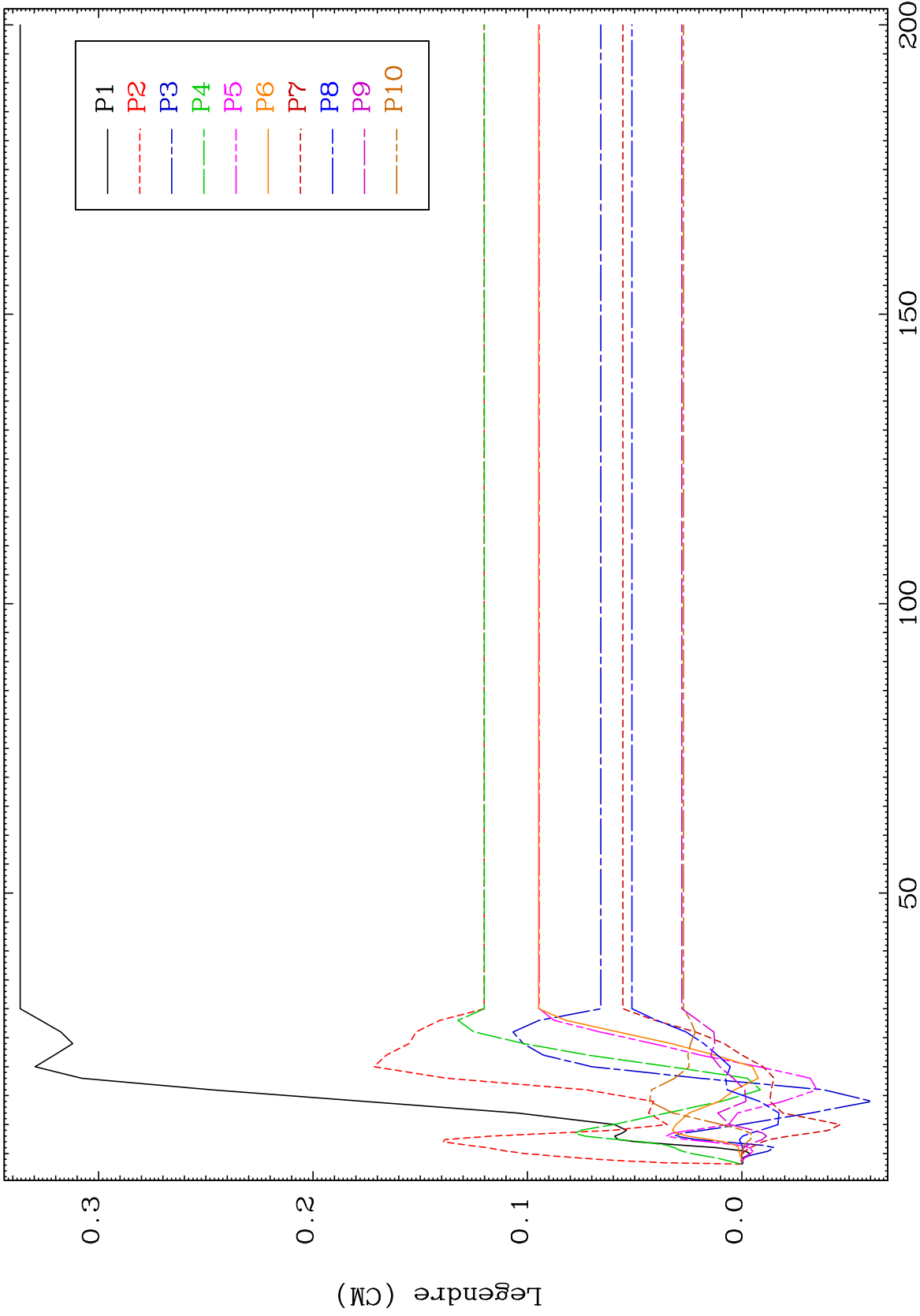


124 50 100 150 200 82-Pb-206

MAT 8231

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

82-Pb-206



125

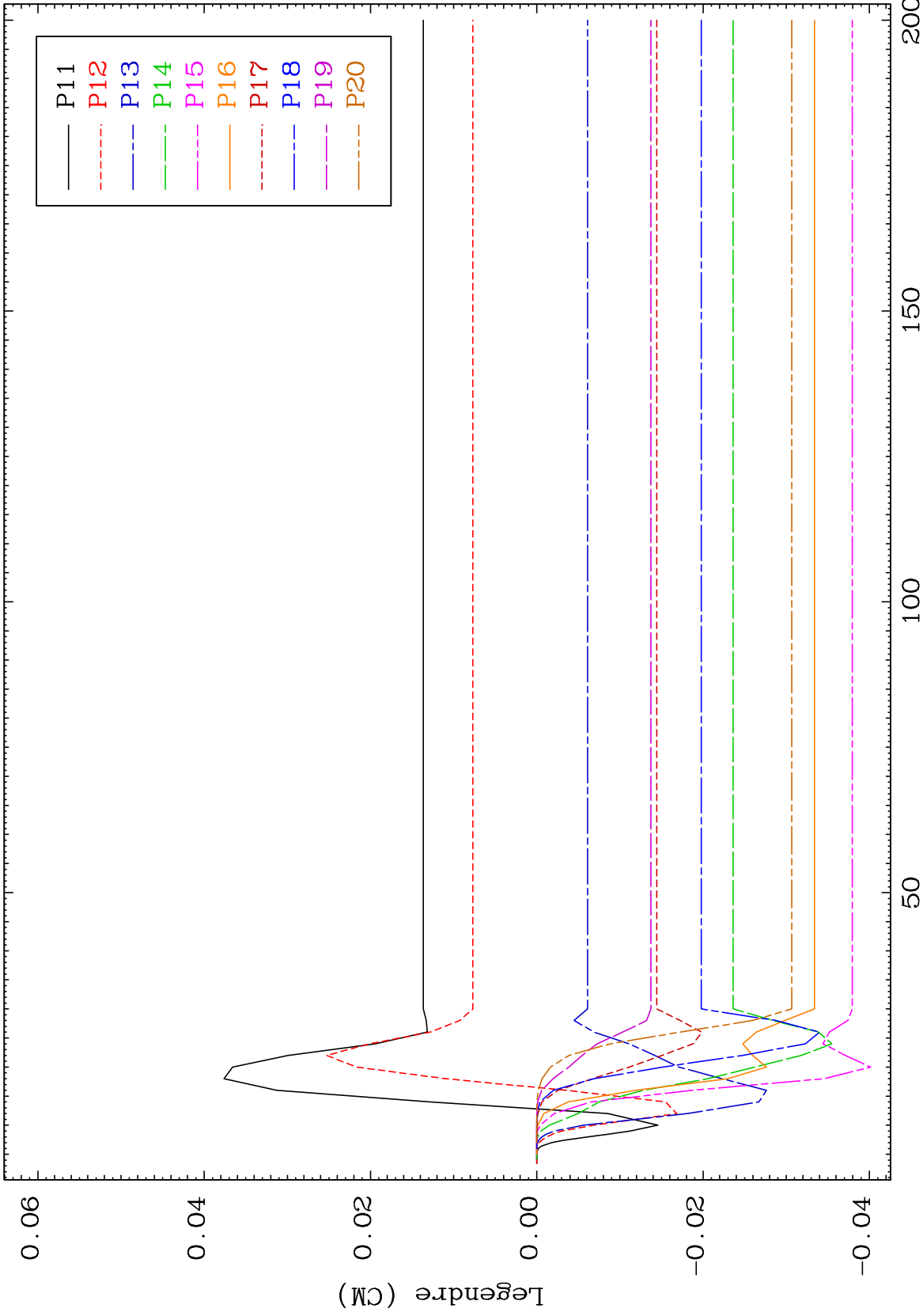
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



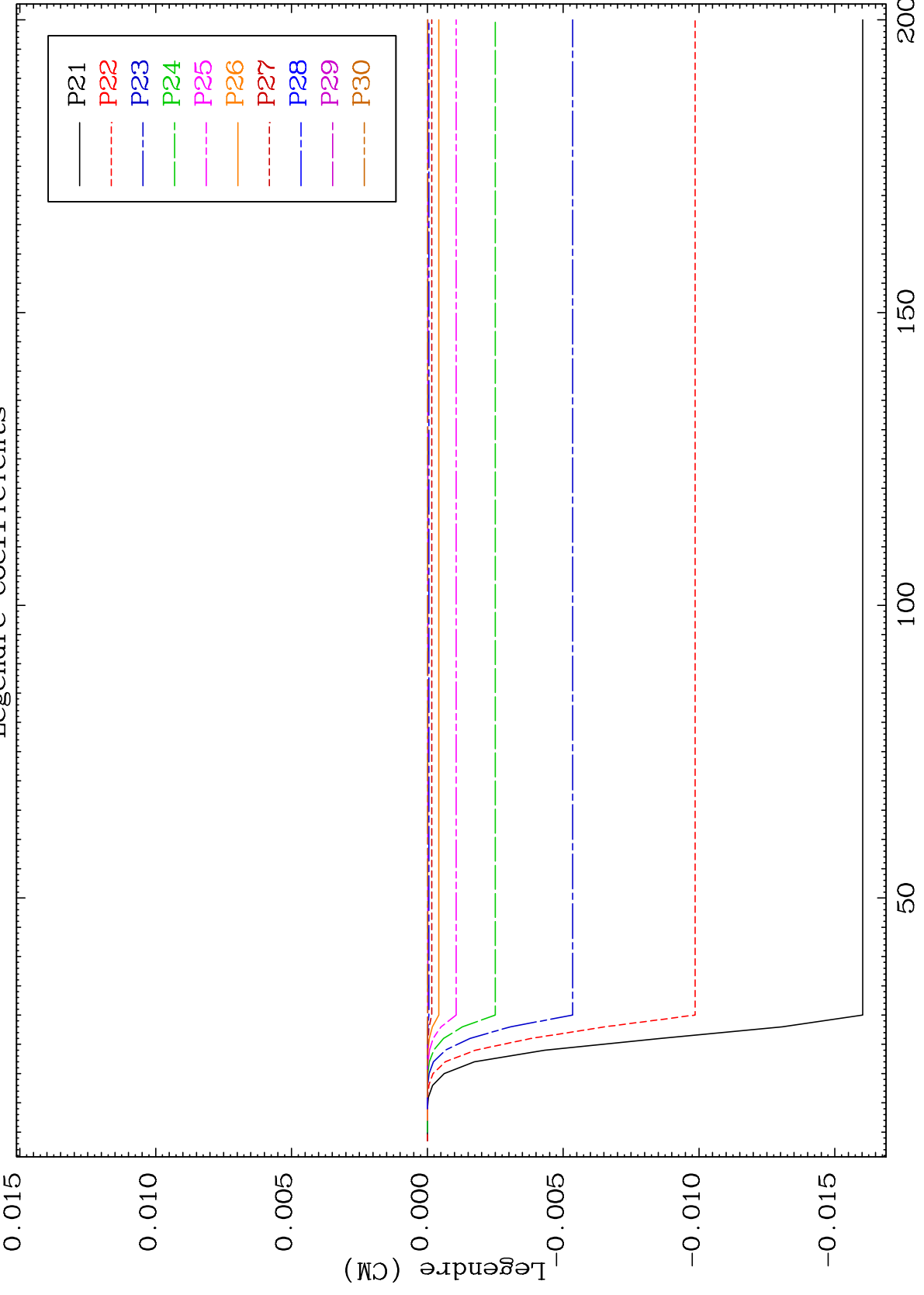
126

Incident Energy (MeV)

82-Pb-206

MAT 8231 MT= 80 (n,n') Level Legendre Coefficients

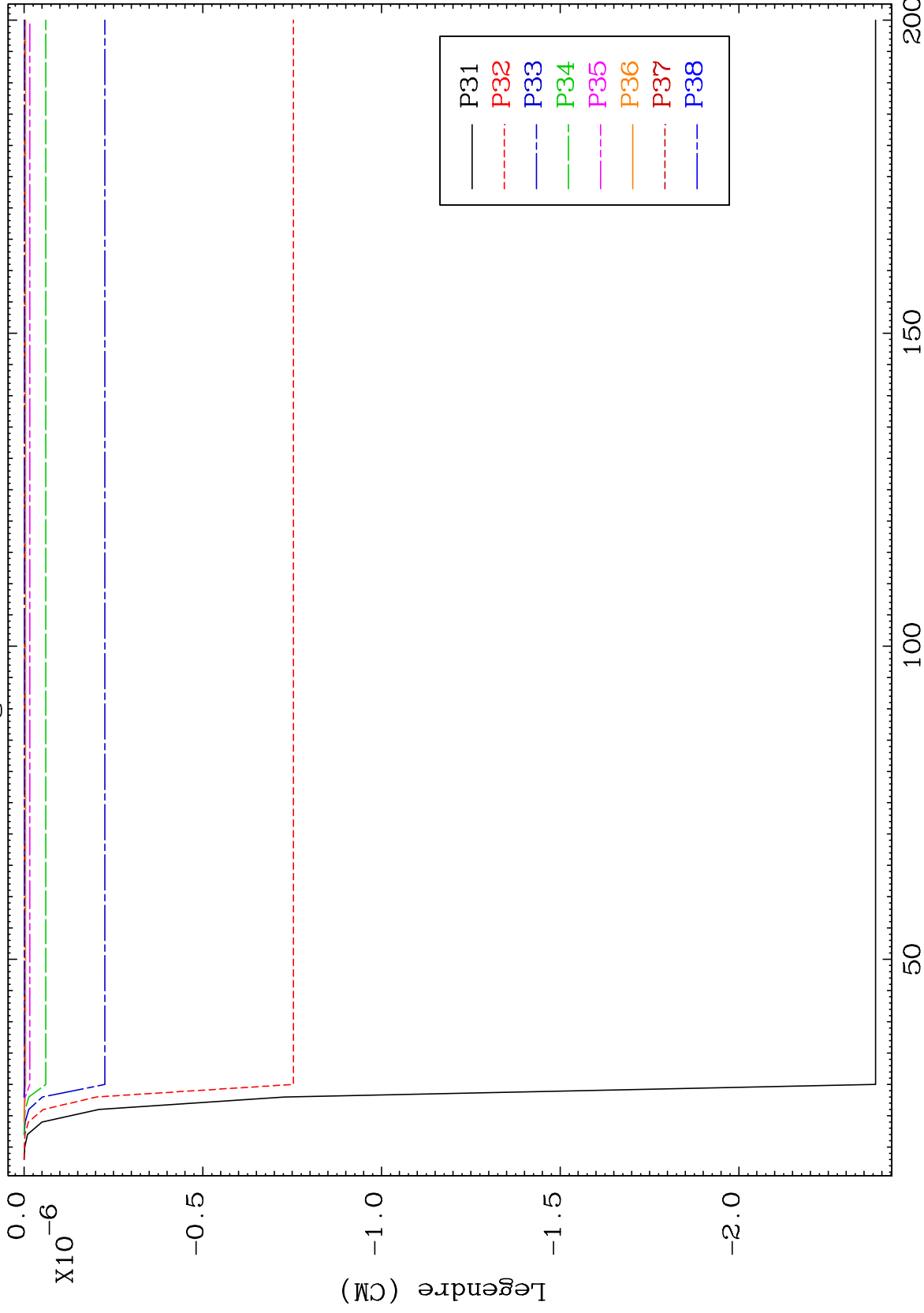
82-Pb-206



MAT 8231

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

82-Pb-206



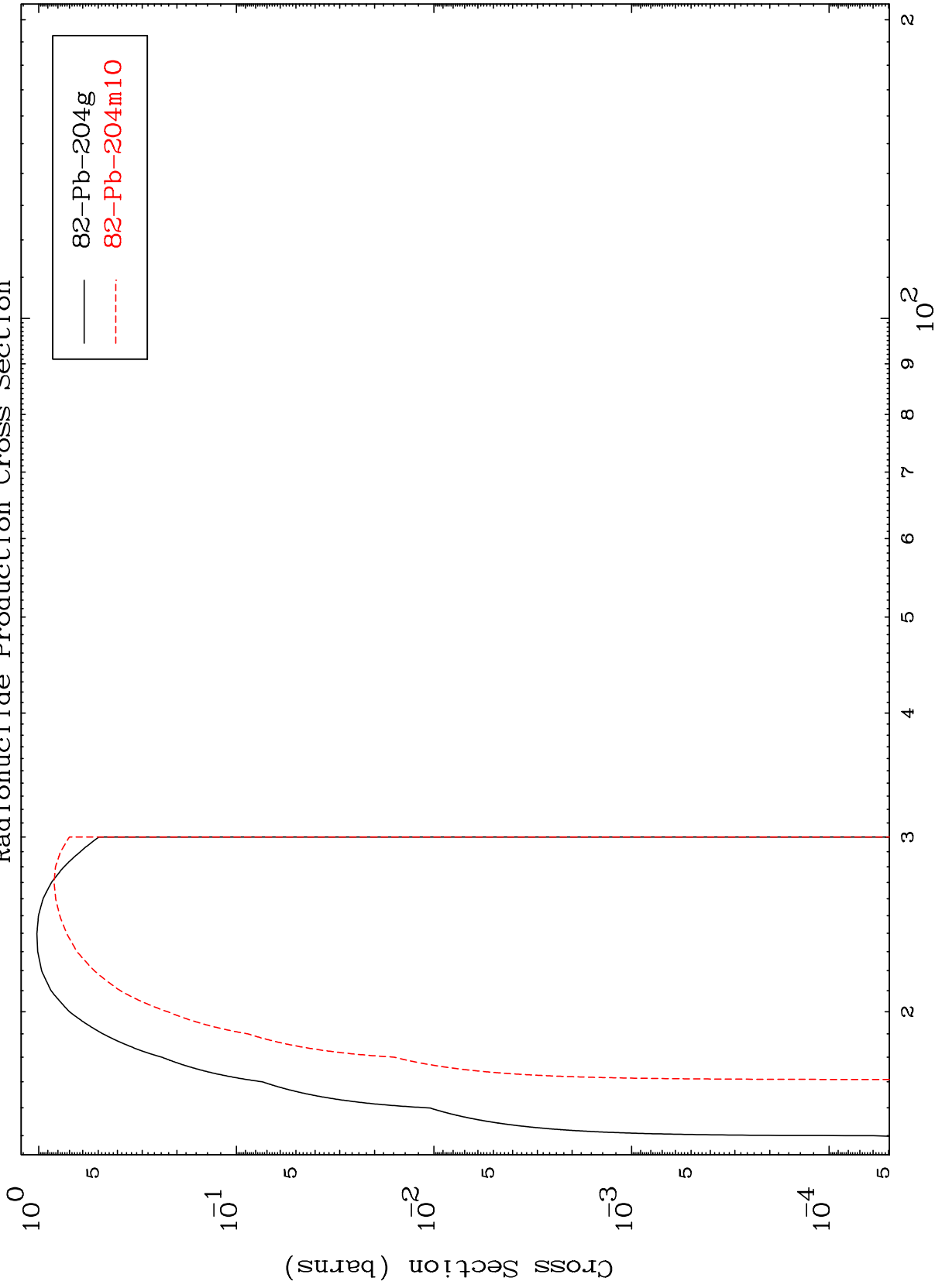
128

82-Pb-206

MAT 8231

82-Pb-206

(n,3n)
Radionuclide Production Cross Section



129

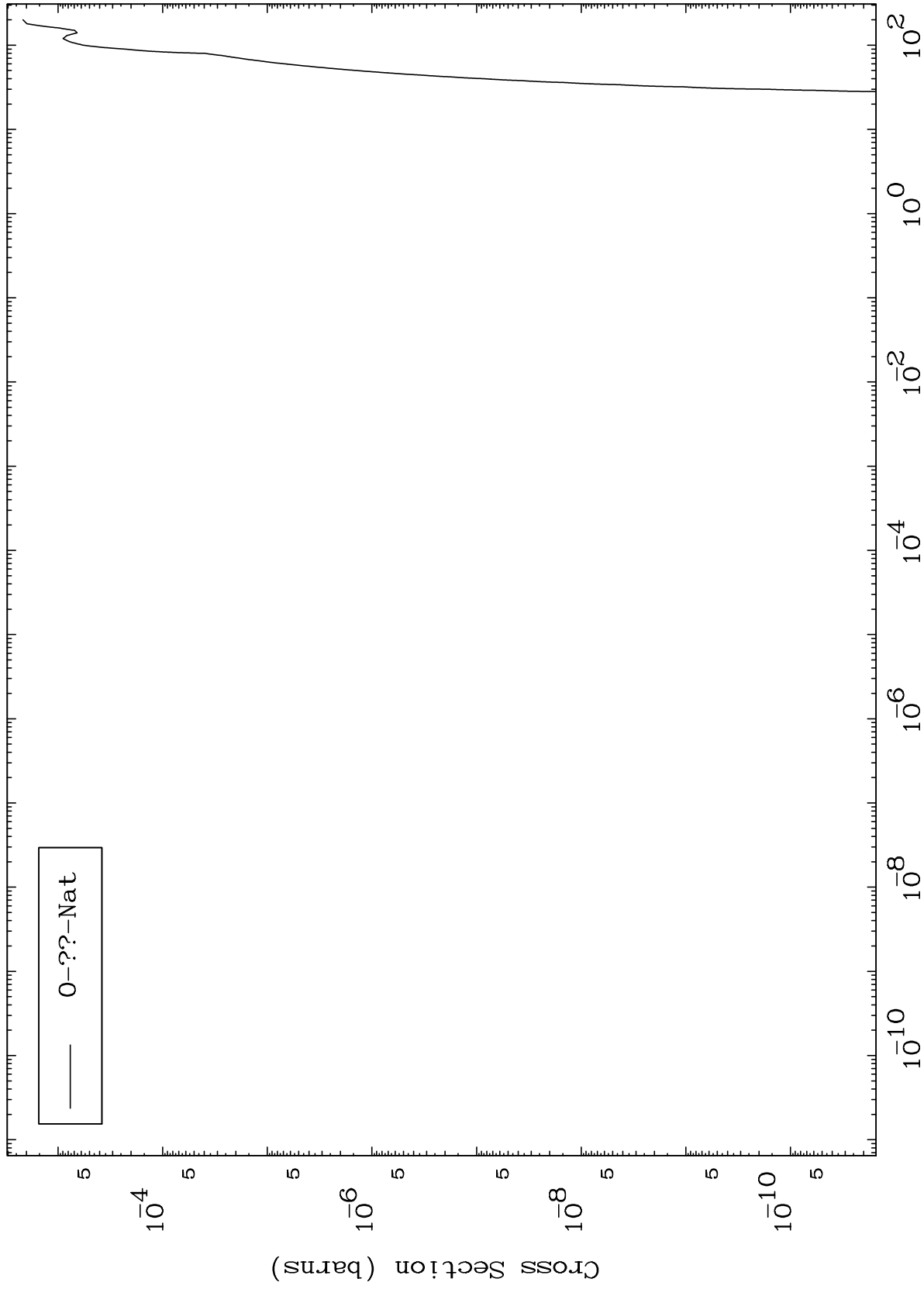
82-Pb-206

Incident Energy (MeV)

MAT 8231

Fission
Radionuclide Production Cross Section

82-Pb-206



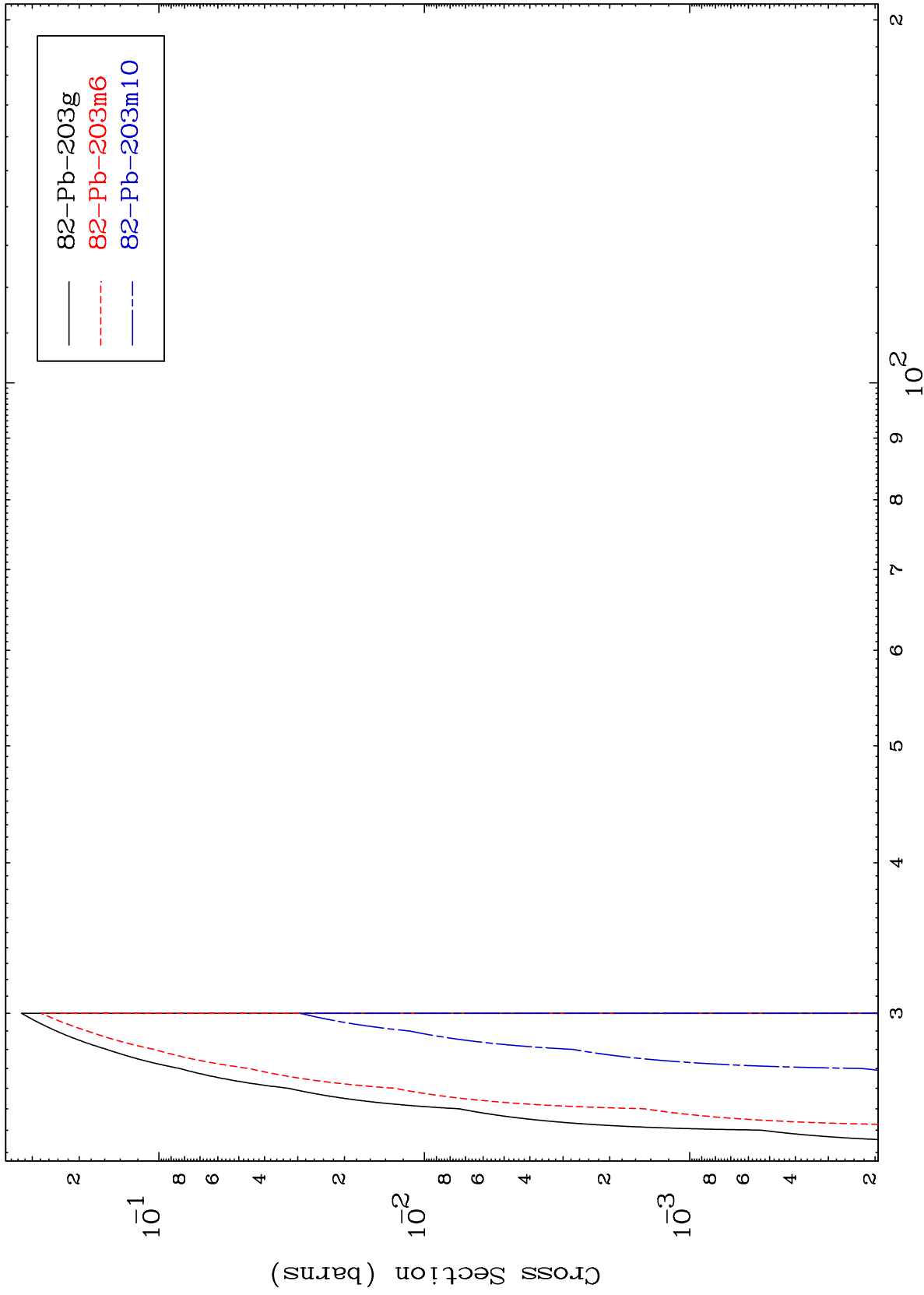
130

82-Pb-206

MAT 8231

82-Pb-206

(n,4n)
Radionuclide Production Cross Section



131

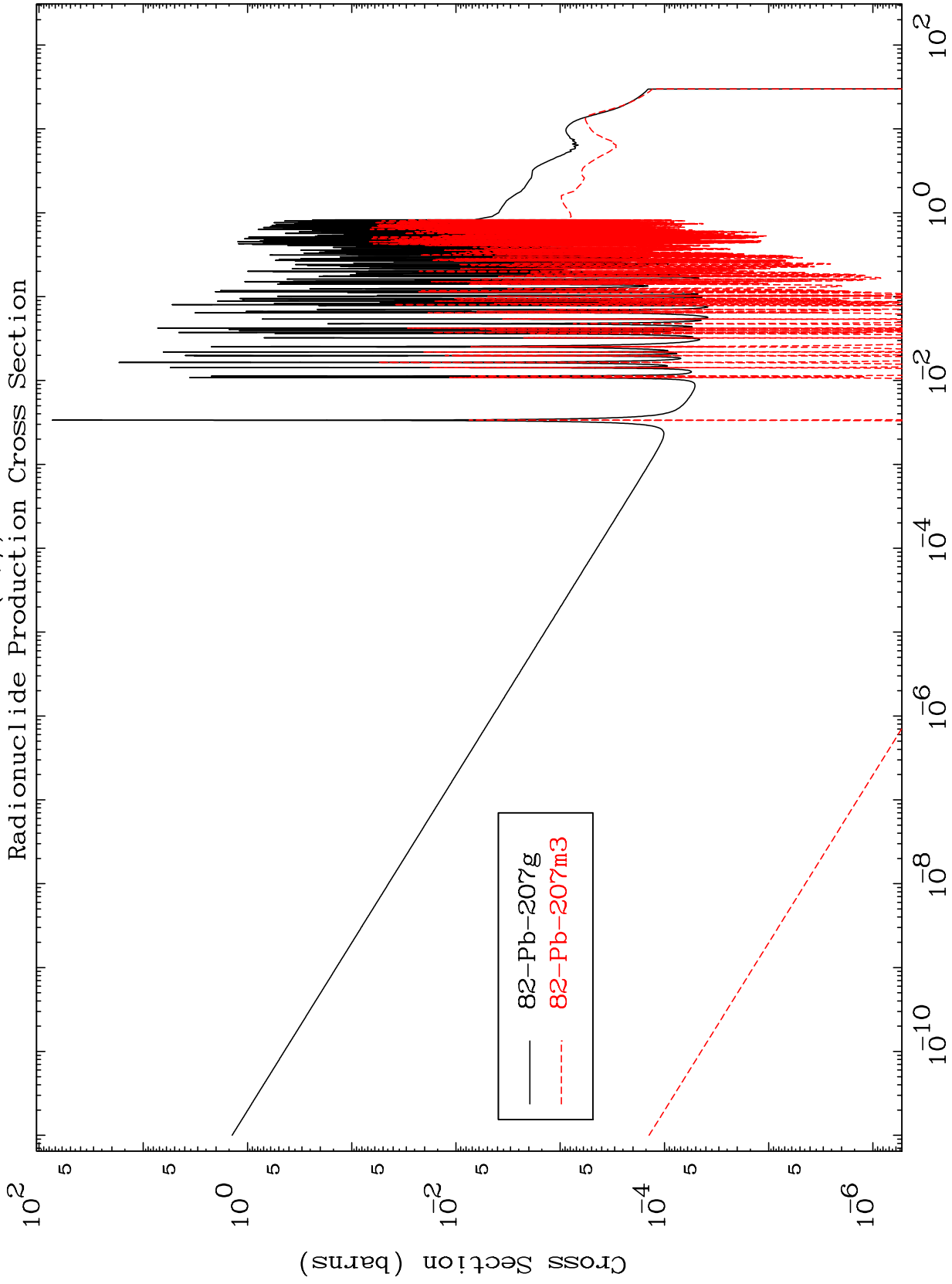
82-Pb-206

MAT 8231

(n,γ)

82-Pb-206

Radionuclide Production Cross Section

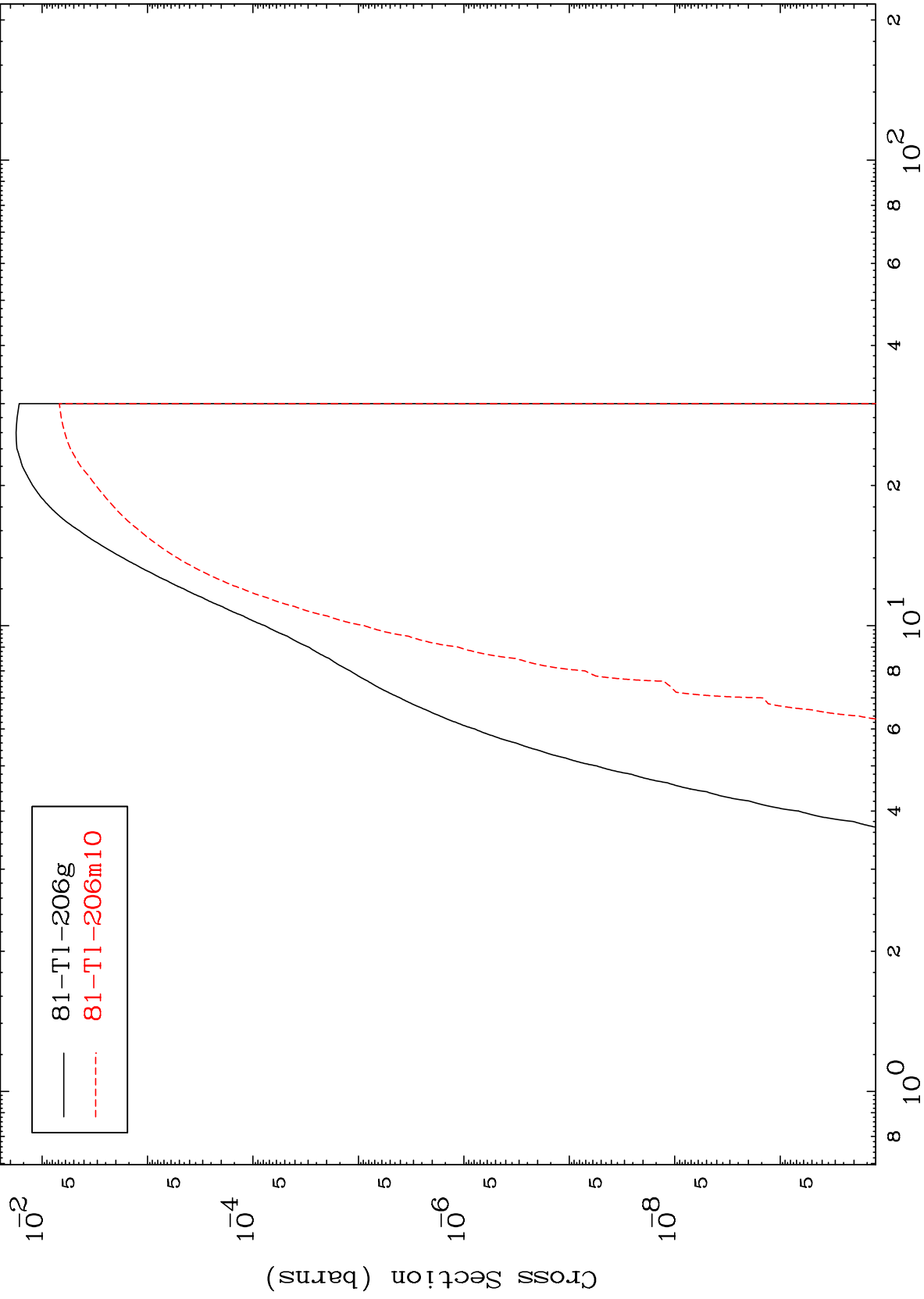


MAT 8231

(n,p)

82-Pb-206

Radionuclide Production Cross Section



133

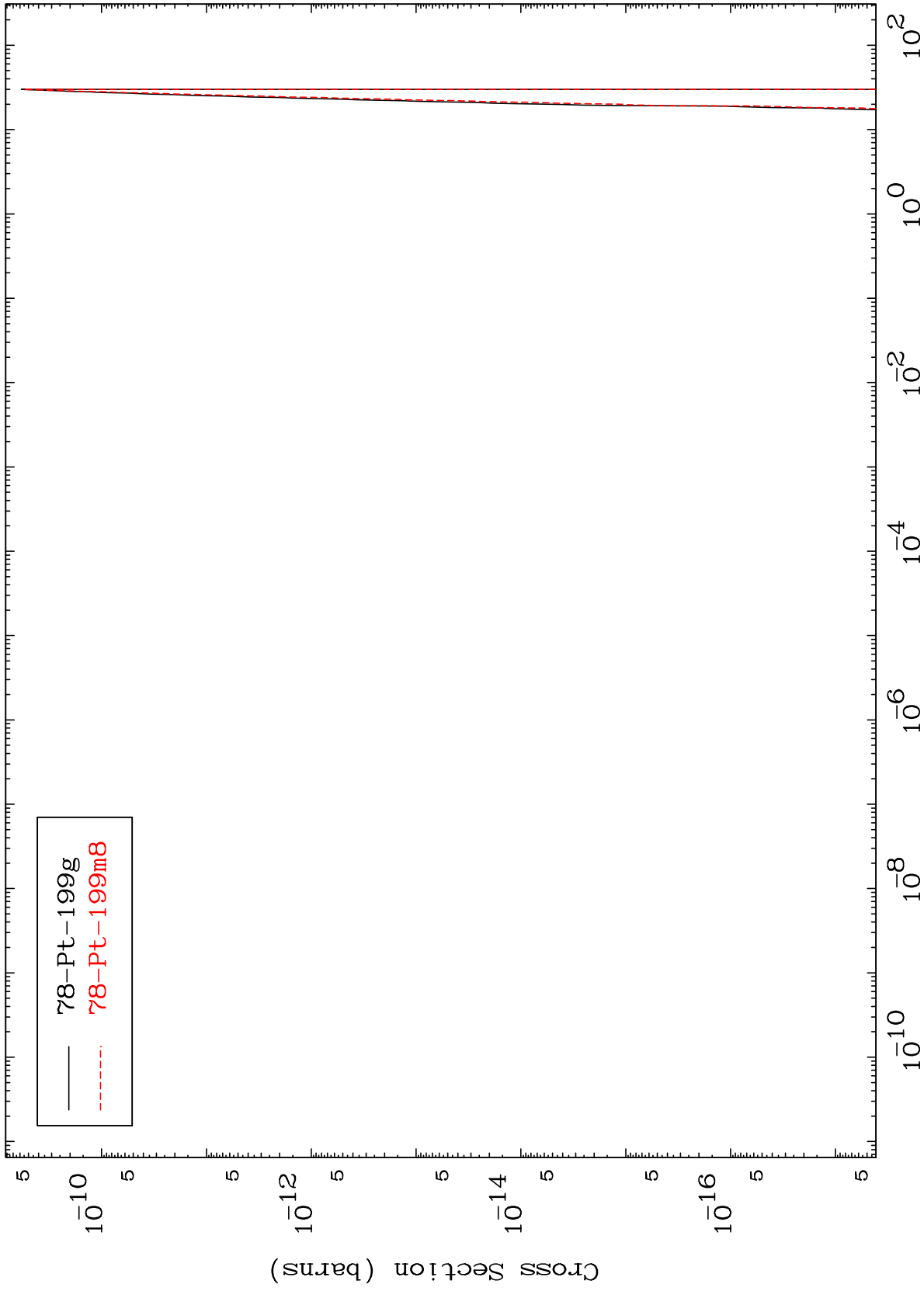
82-Pb-206

MAT 8231

(n,2α)

82-Pb-206

Radionuclide Production Cross Section



134

Incident Energy (MeV)

82-Pb-206