

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

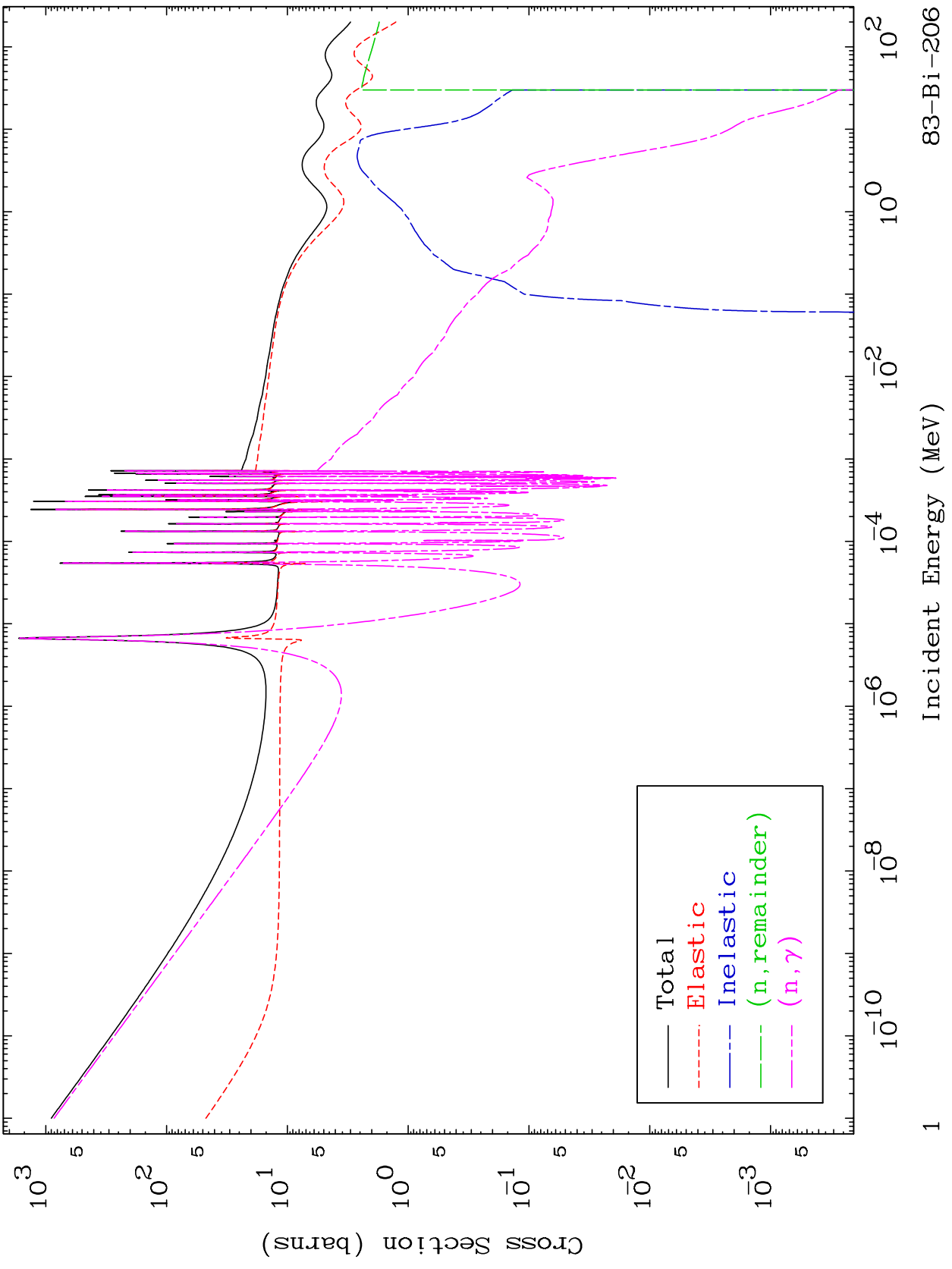
Press Mouse Button to Start

MAT 8316

Major

293 Kelvin Cross Sections

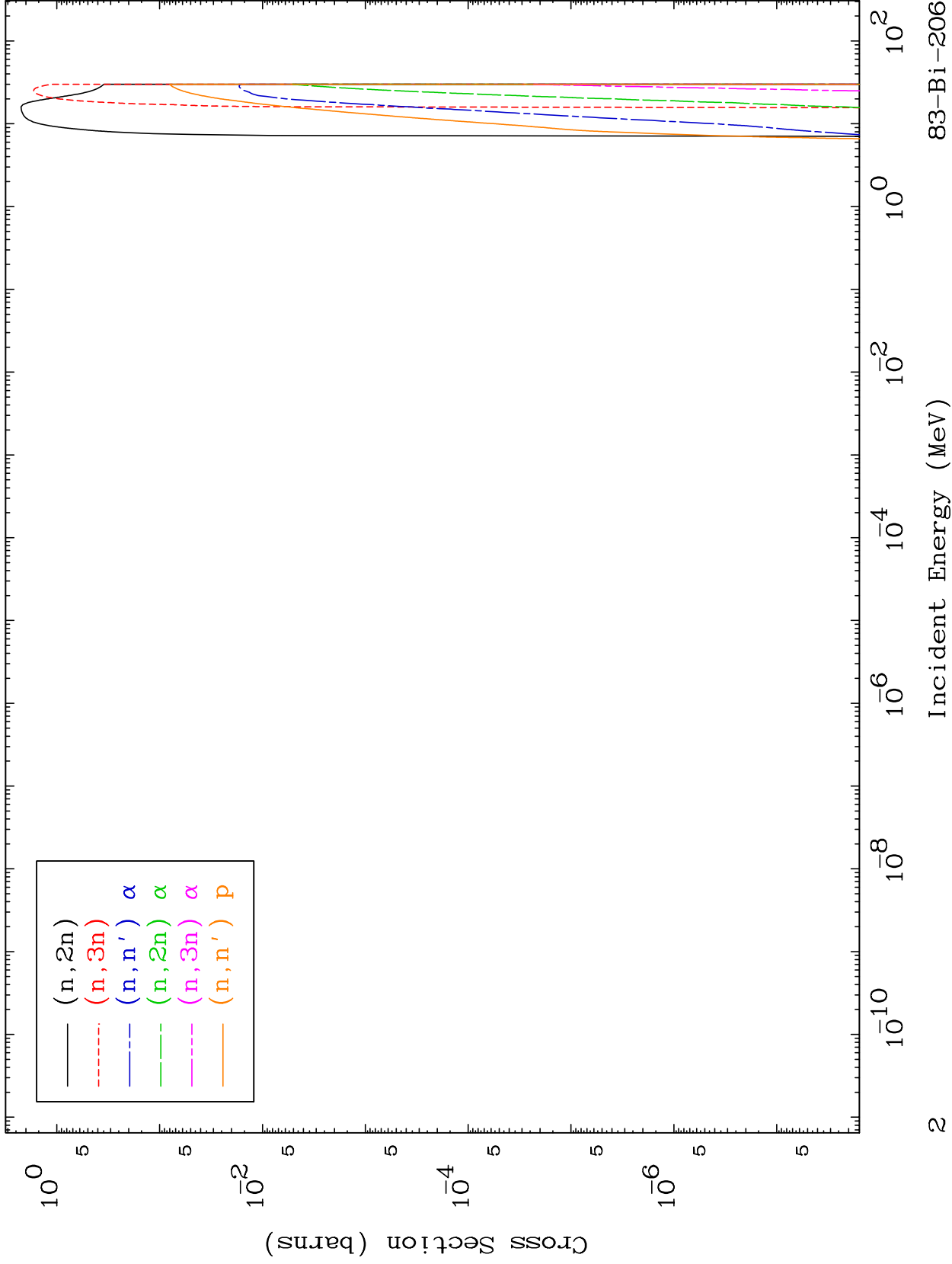
83-Bi-206

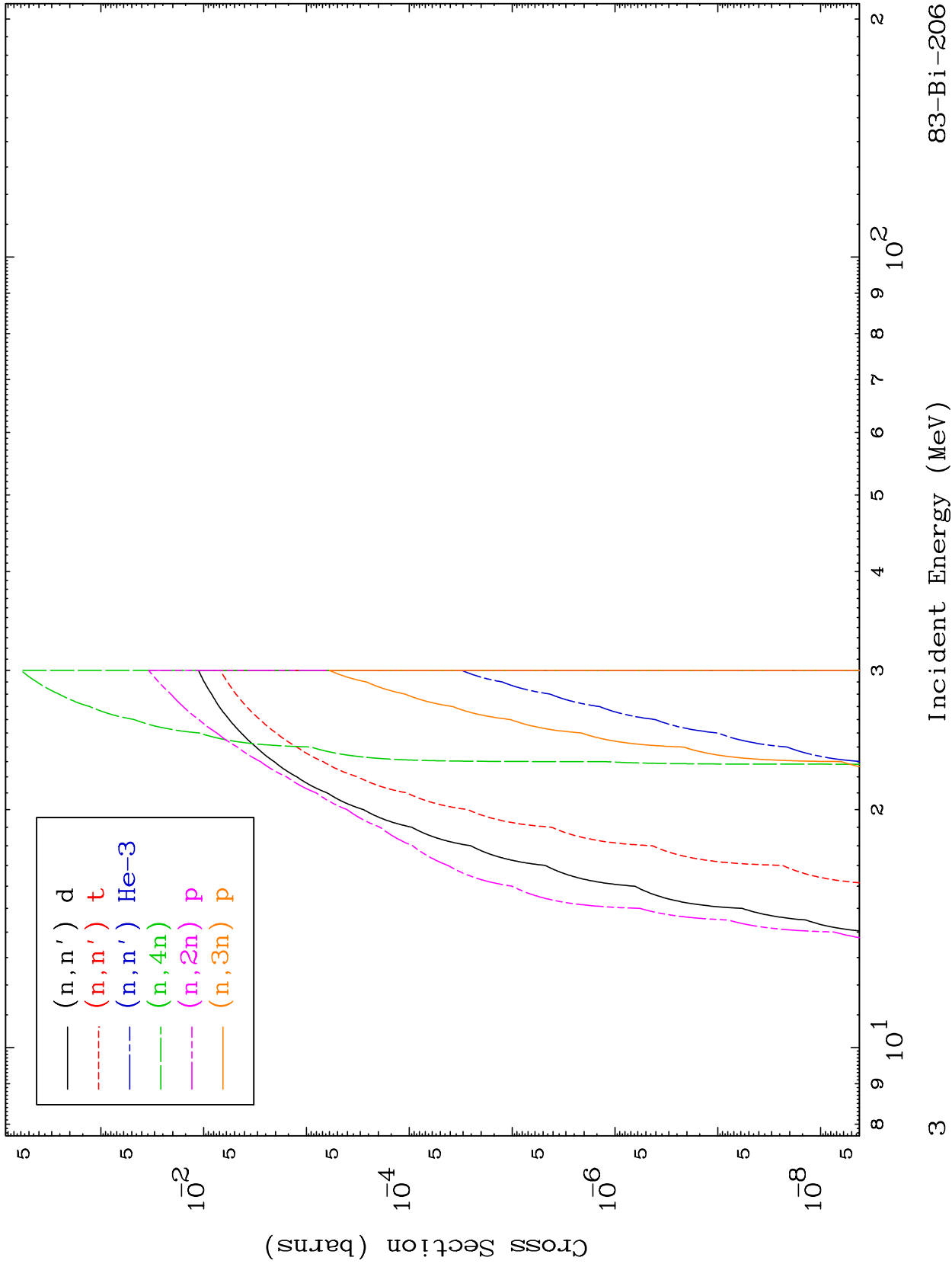


MAT 8316

Neutron Production
293 Kelvin Cross Sections

83-Bi-206

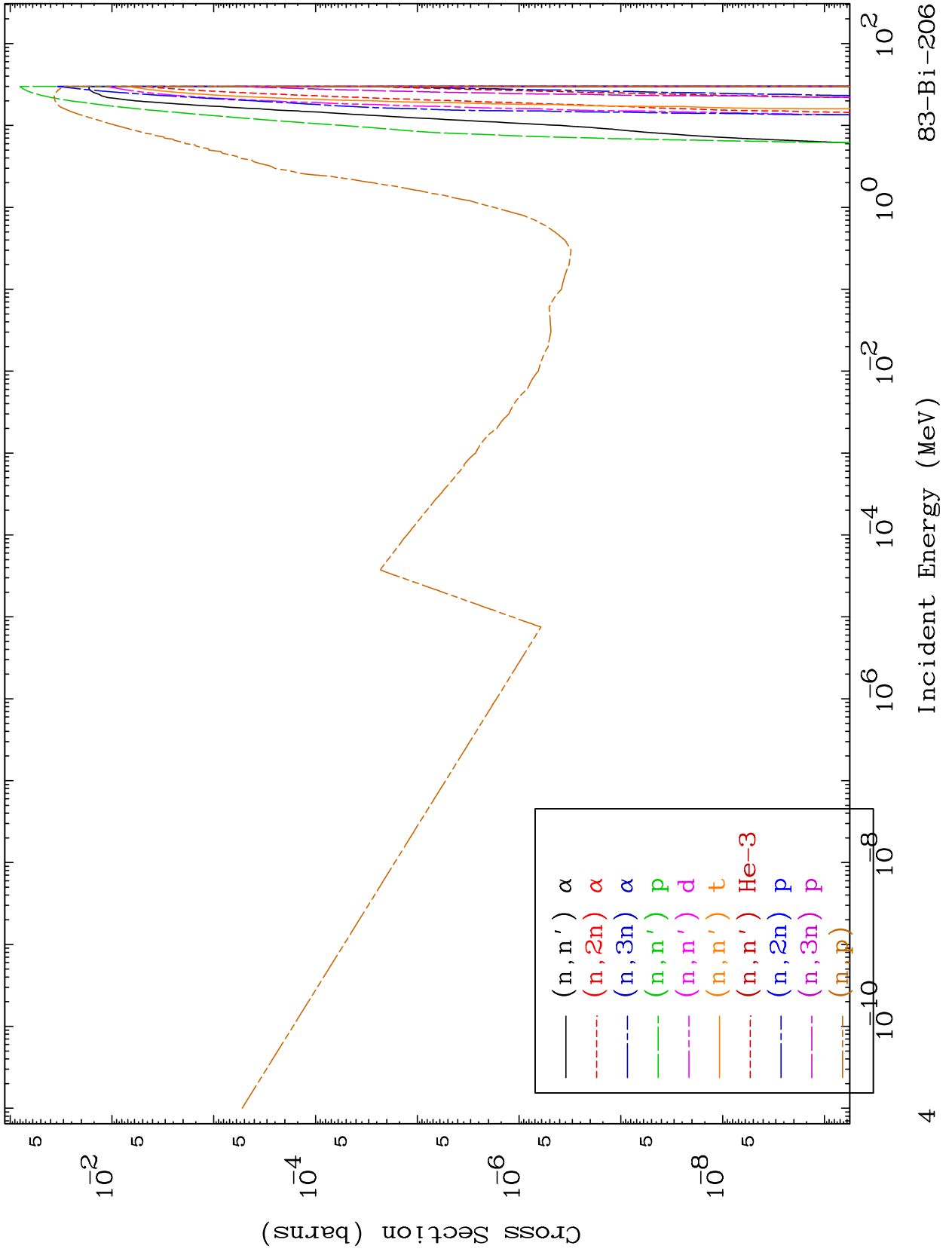




MAT 8316

Charged Particle
293 Kelvin Cross Sections

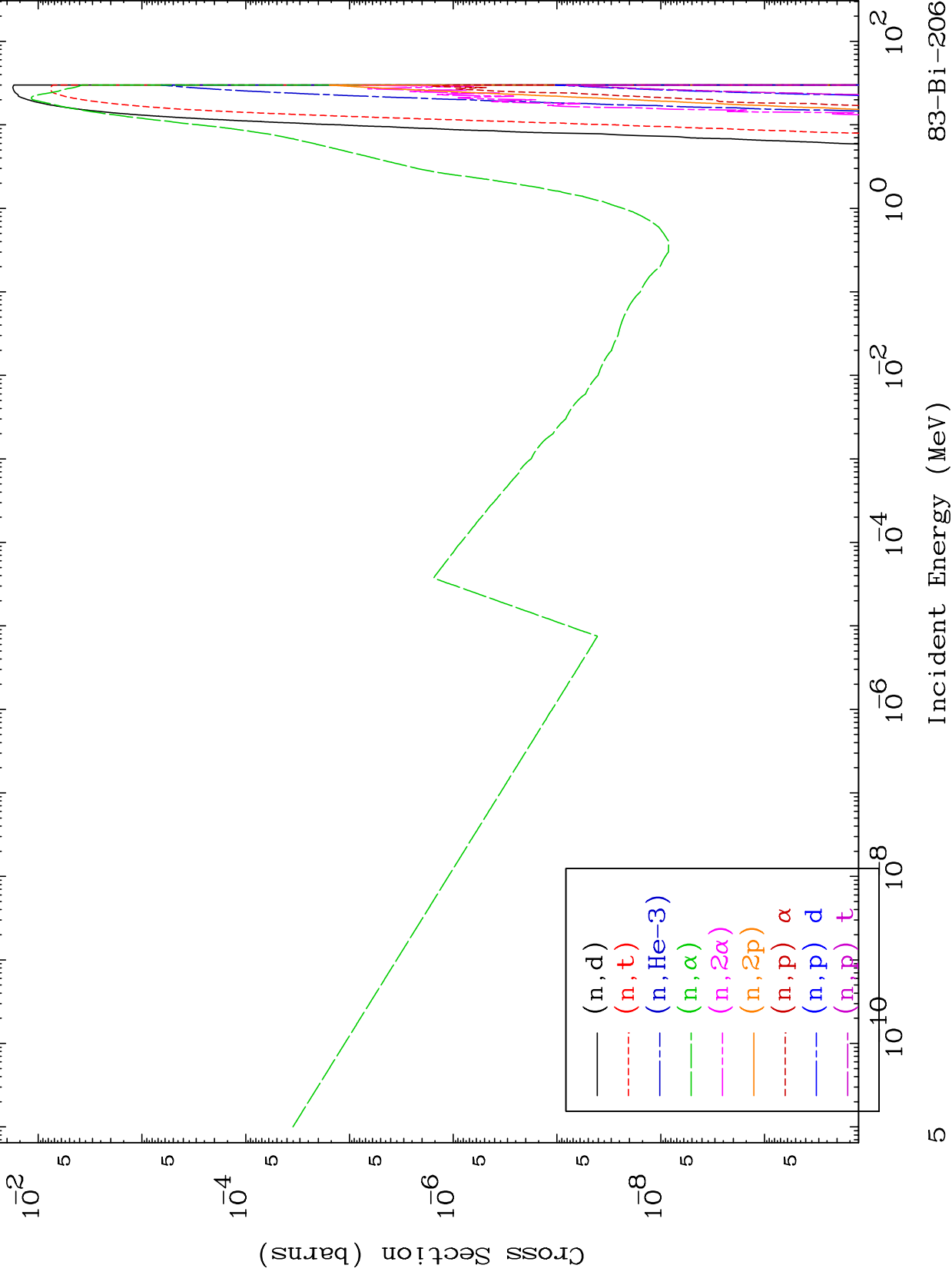
83-Bi-206



MAT 8316

Charged Particle
293 Kelvin Cross Sections

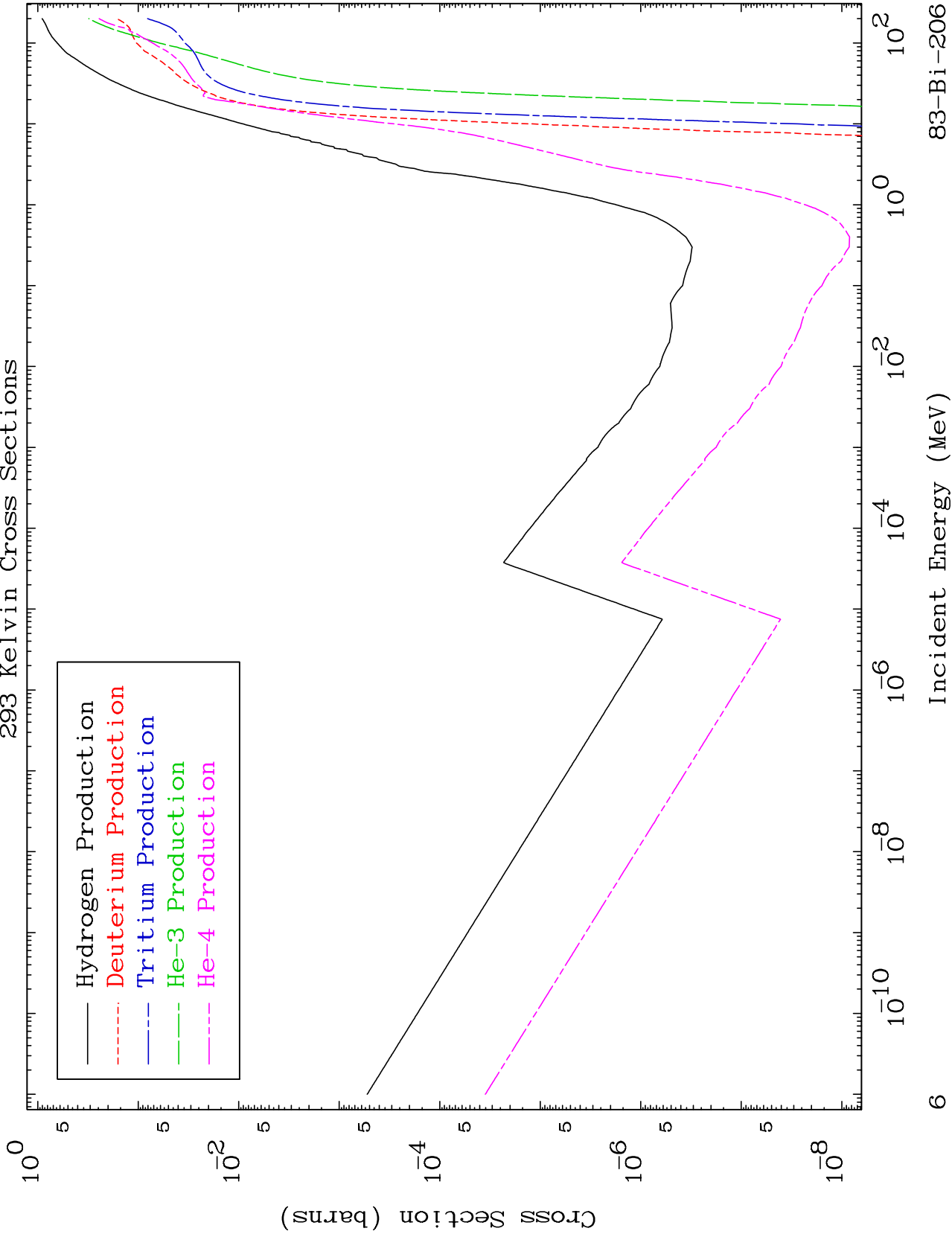
83-Bi-206



MAT 8316

Particle Production
293 Kelvin Cross Sections

83-Bi-206

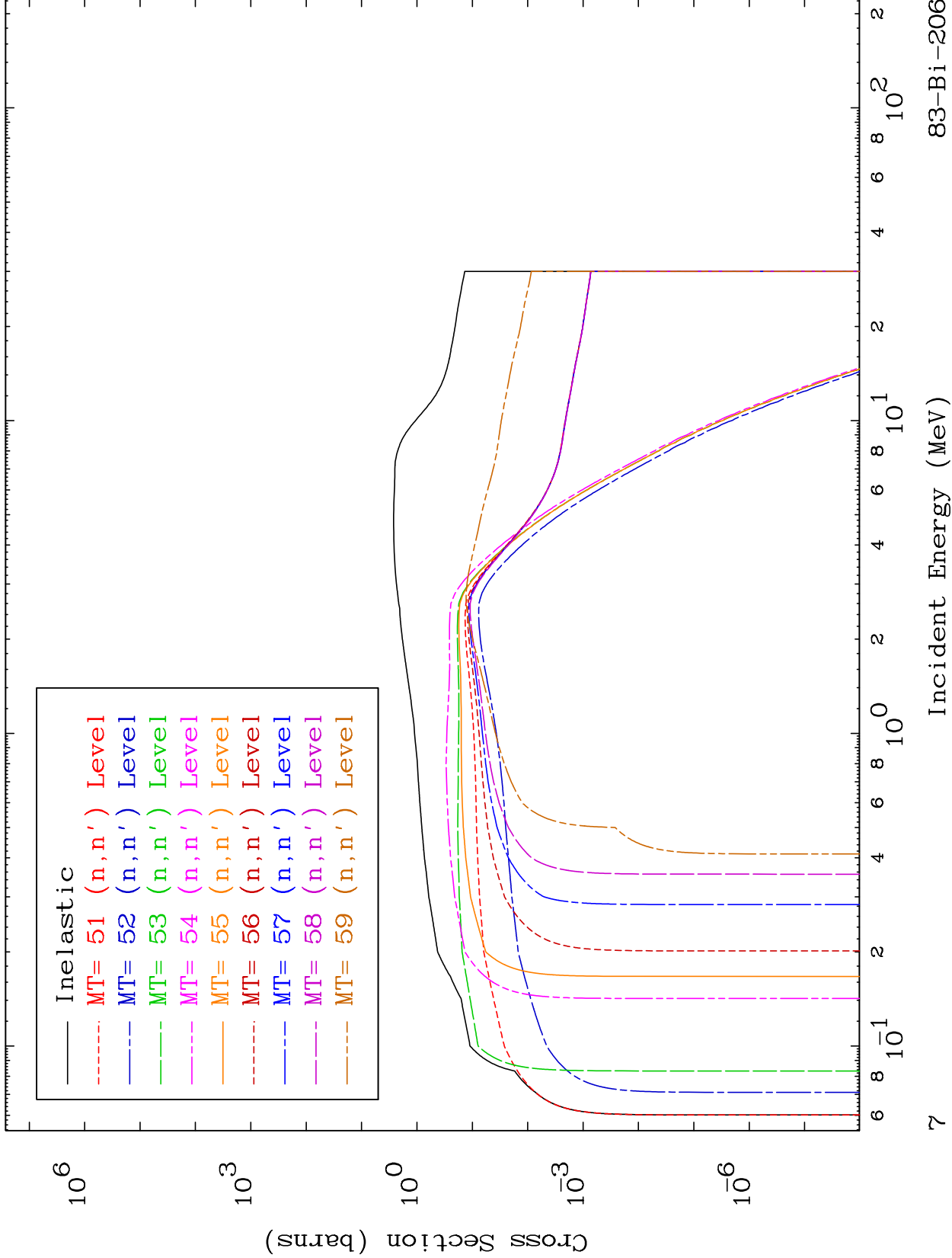


MAT 8316

(n,n') Level

83-Bi-206

293 Kelvin Cross Sections

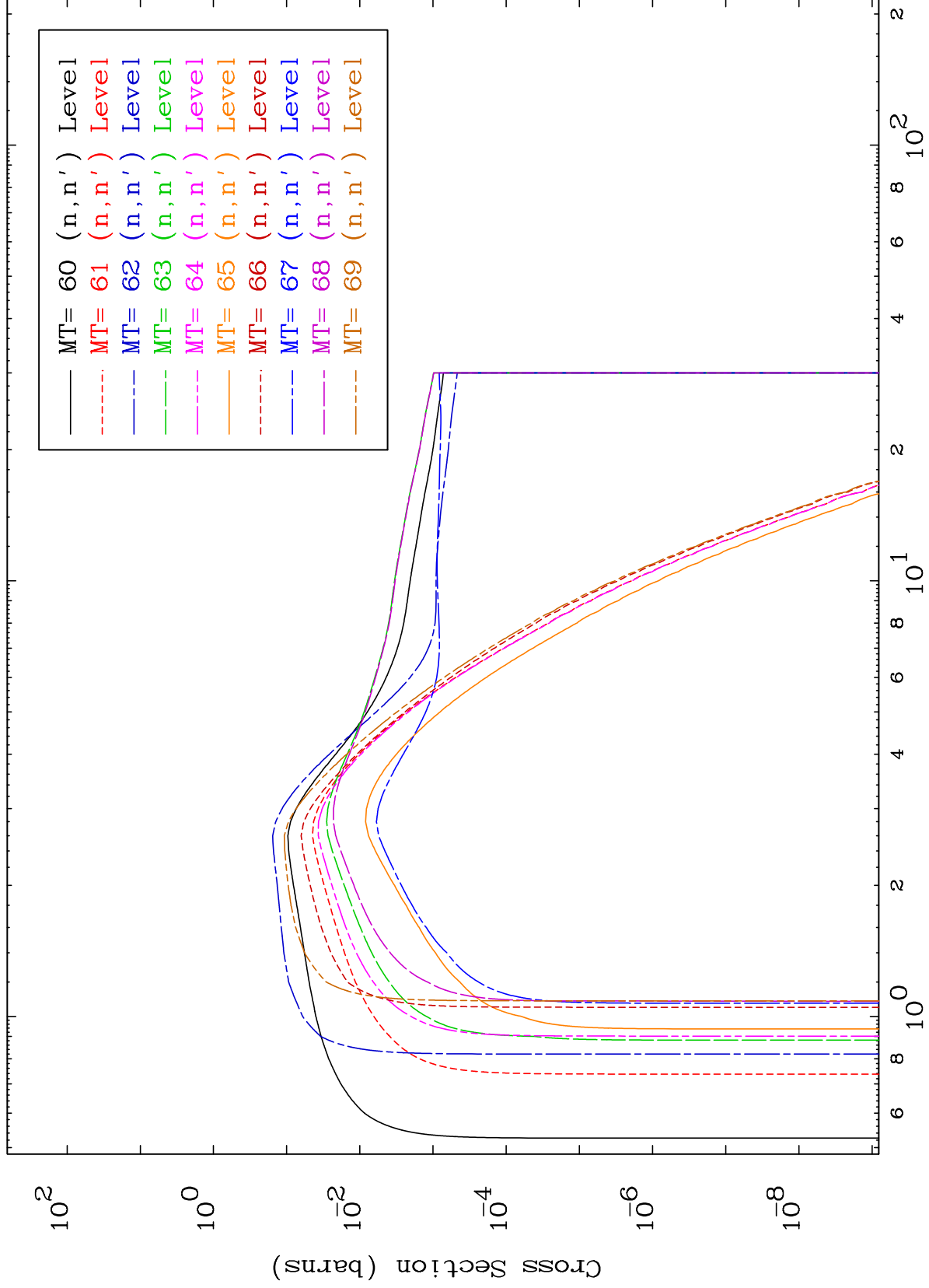


MAT 8316

(n,n') Level

83-Bi-206

293 Kelvin Cross Sections

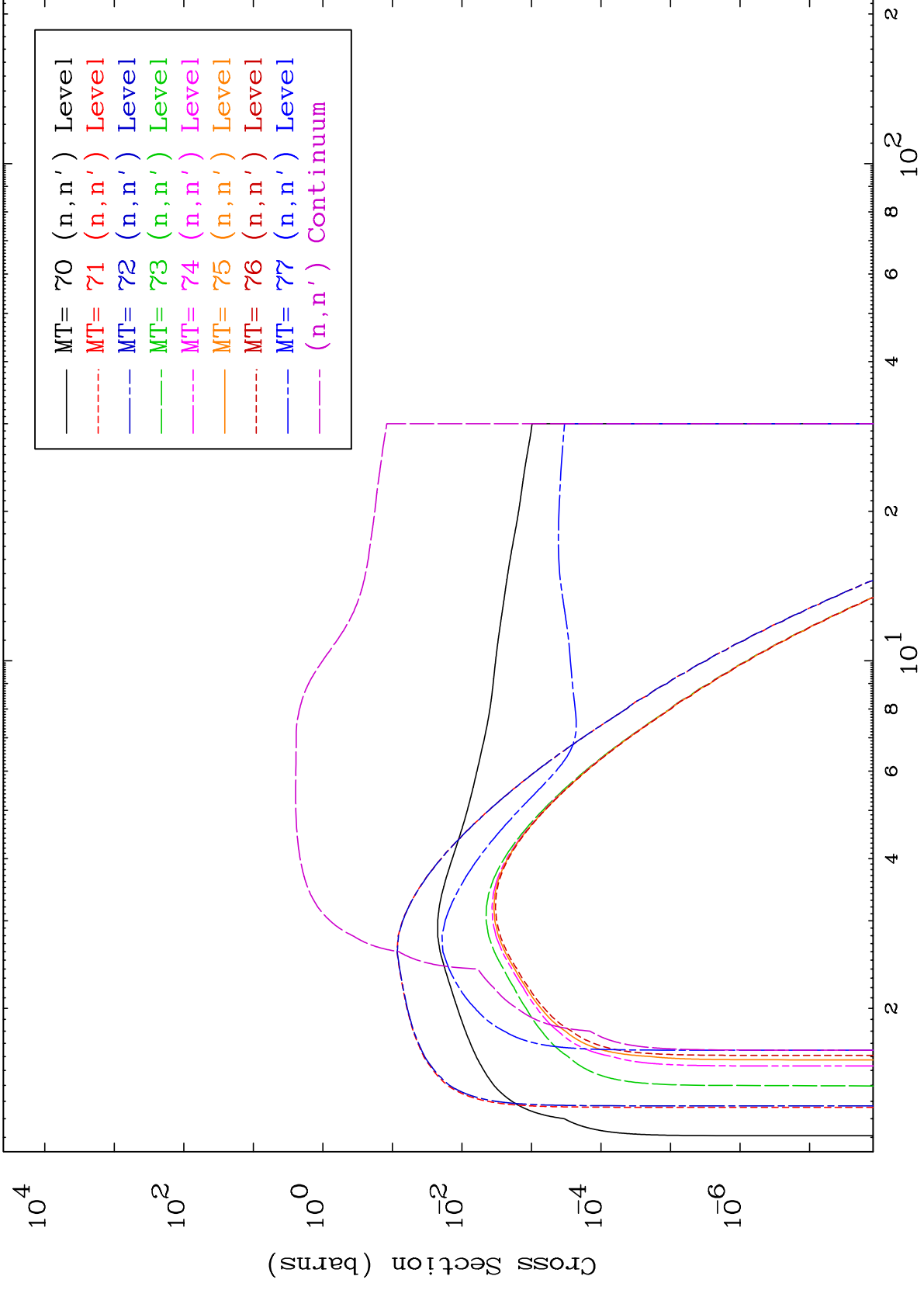


8

Incident Energy (MeV)

83-Bi-206

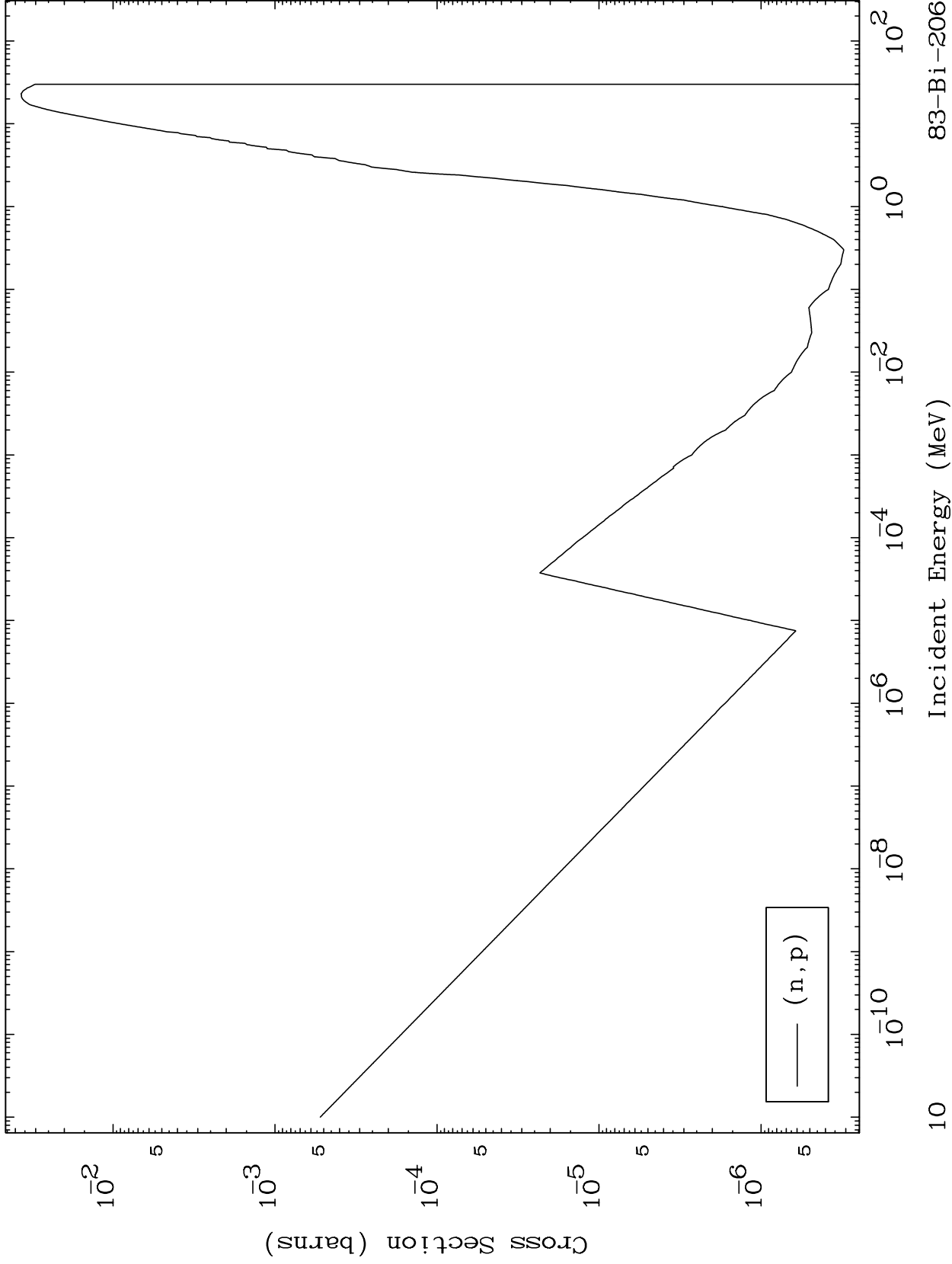
293 Kelvin Cross Sections



MAT 8316

(n,p) Levels
293 Kelvin Cross Sections

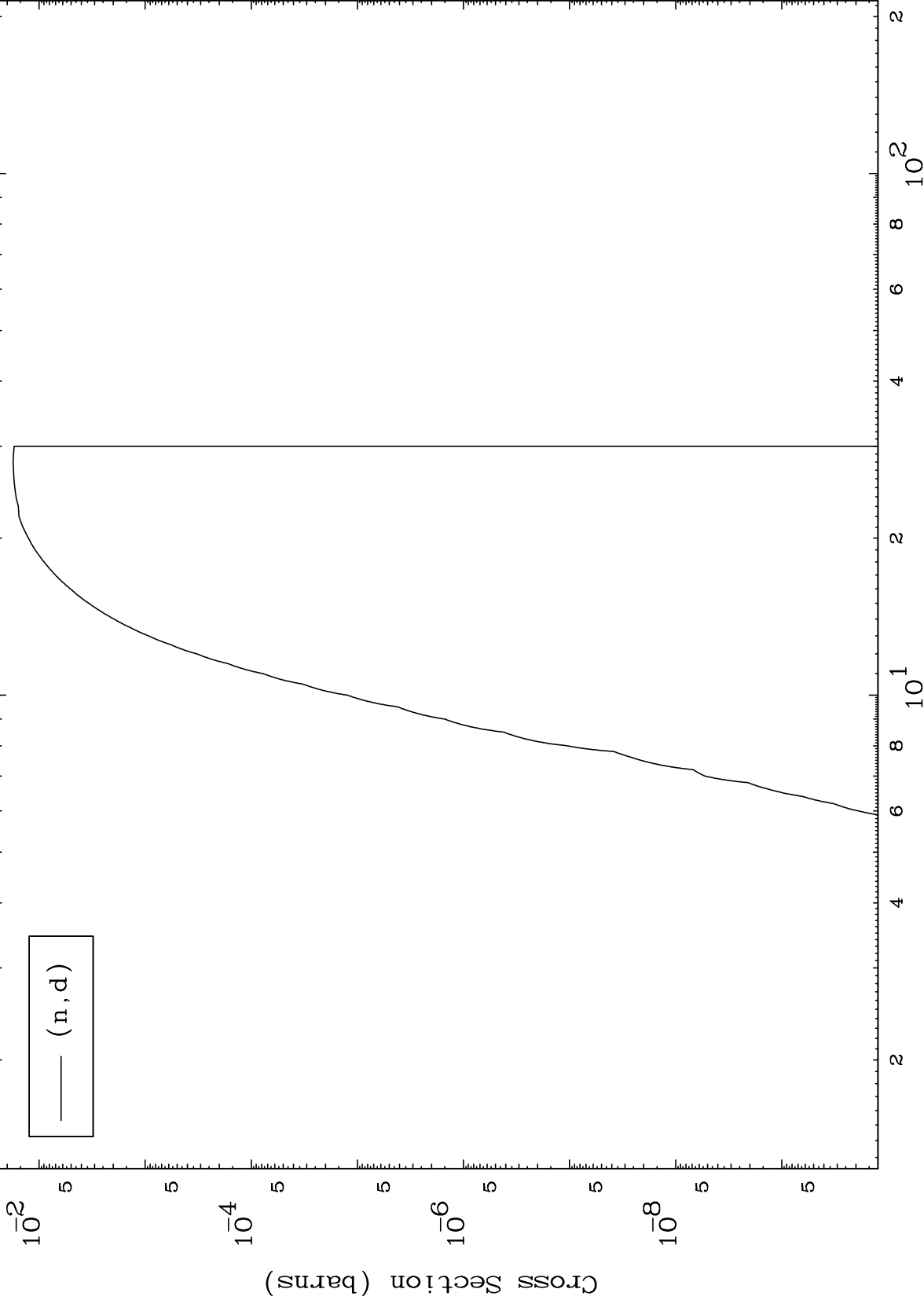
83-Bi-206



MAT 8316

(n,d) Levels
293 Kelvin Cross Sections

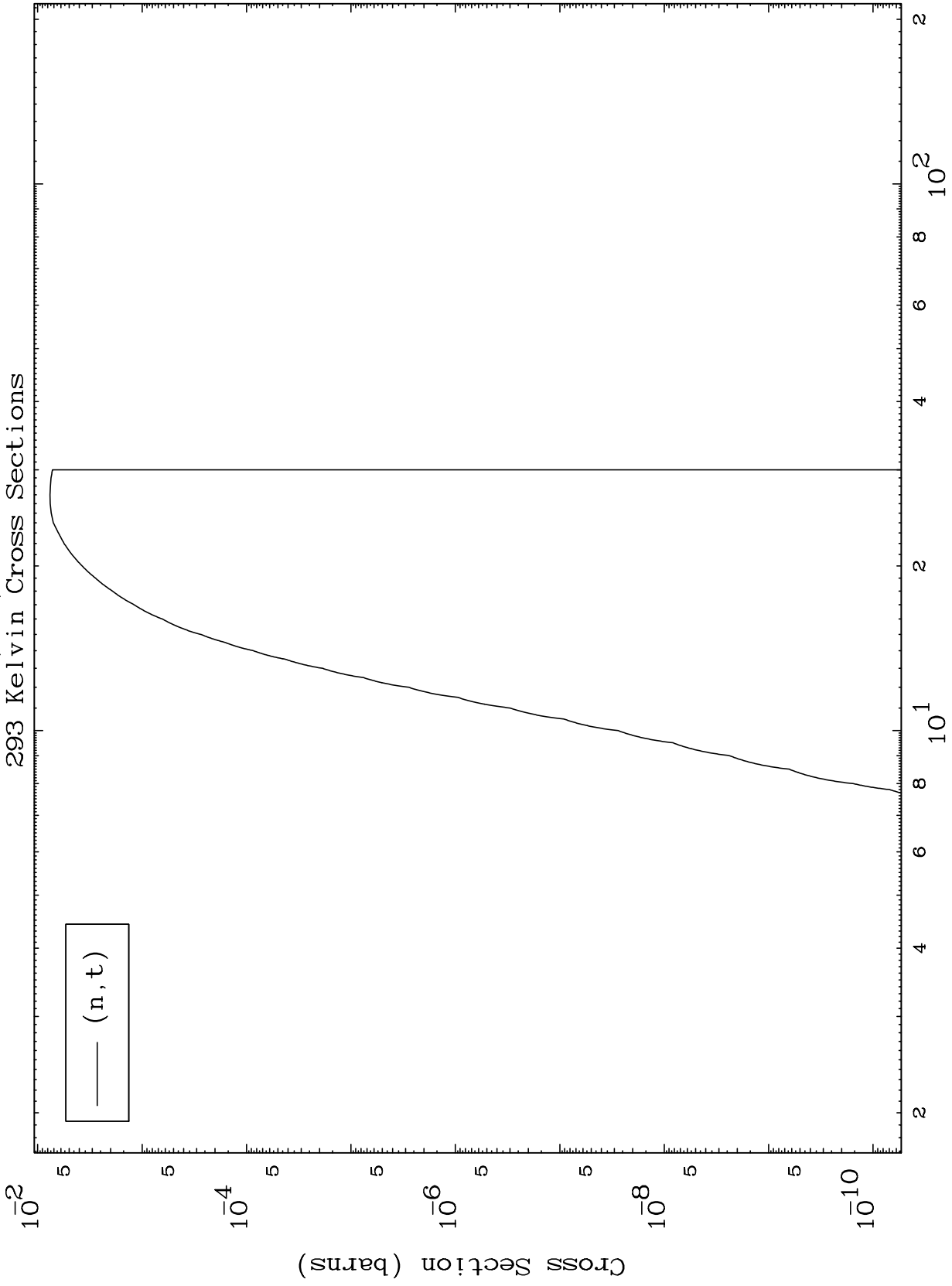
83-Bi-206



MAT 8316

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-206



12

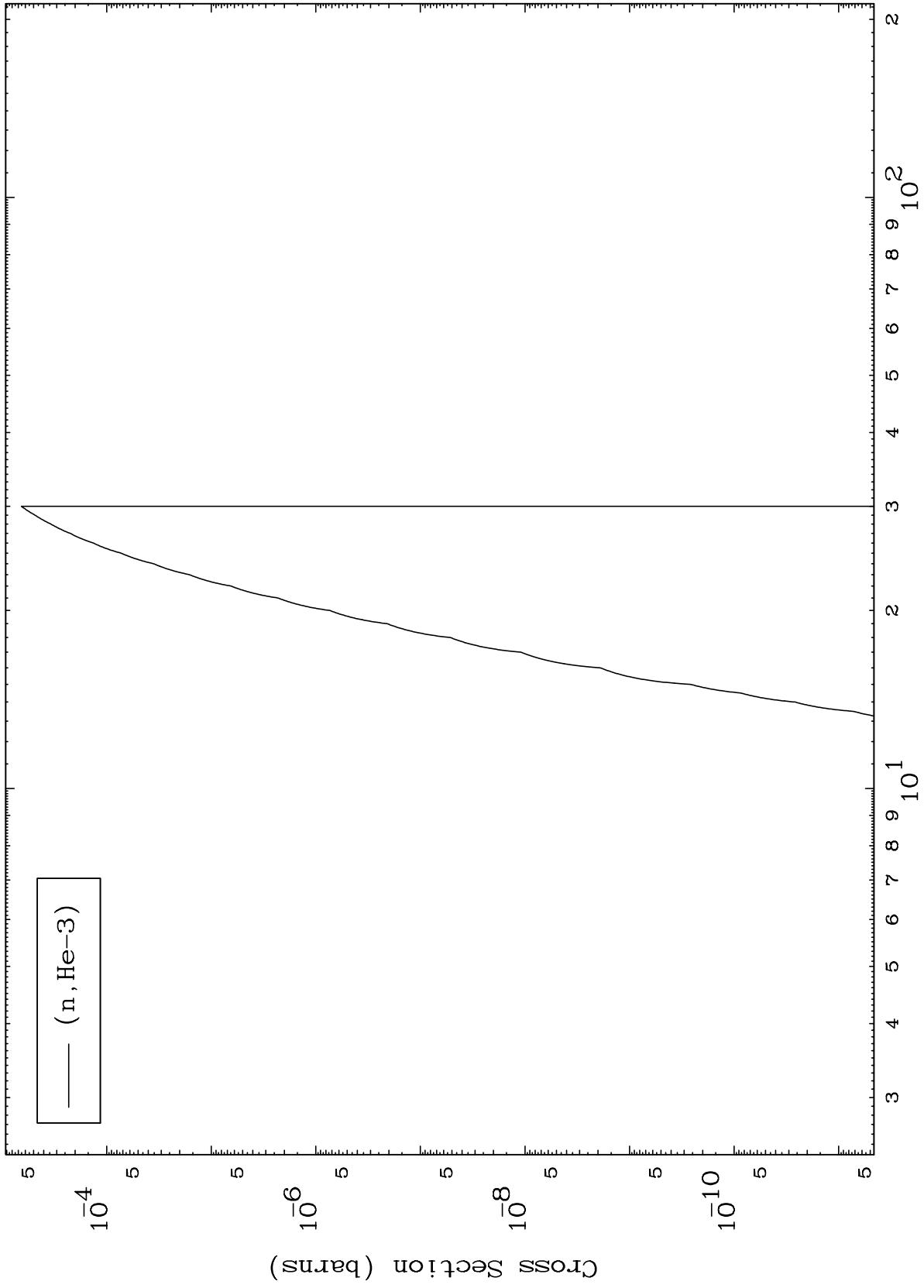
Incident Energy (MeV)

83-Bi-206

MAT 8316

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-206



13

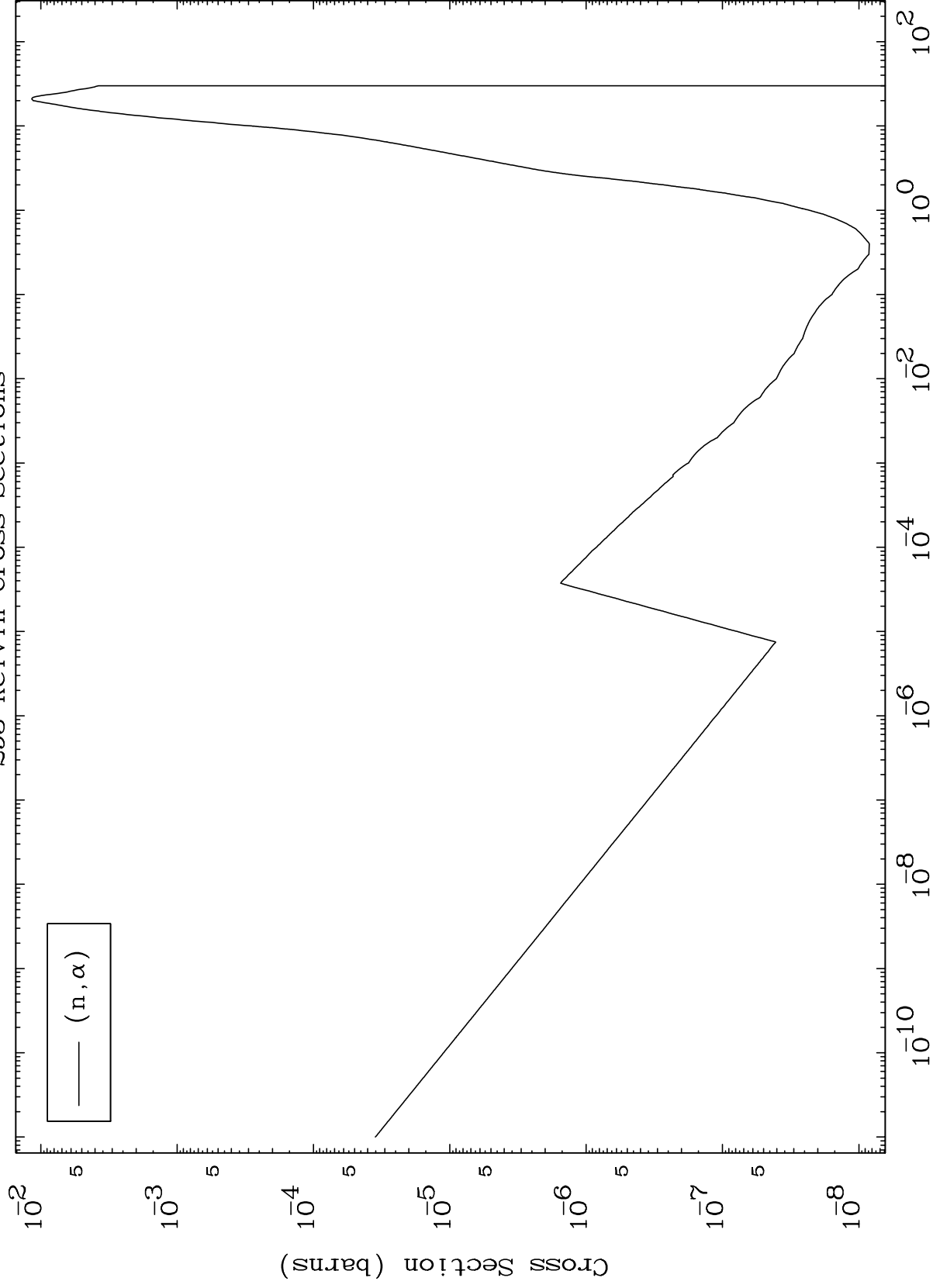
Incident Energy (MeV)

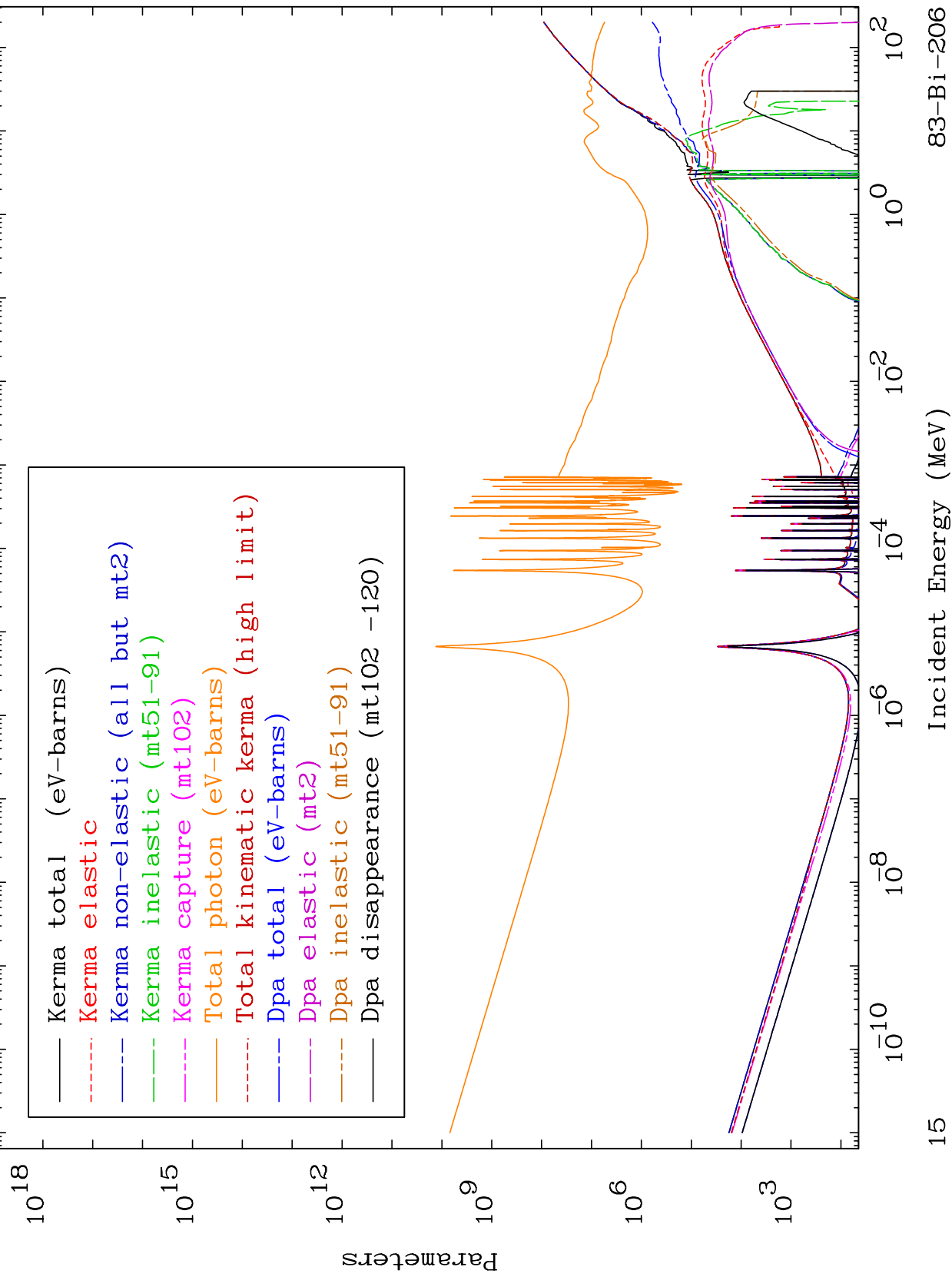
83-Bi-206

MAT 8316

(n,α) Levels
293 Kelvin Cross Sections

83-Bi-206

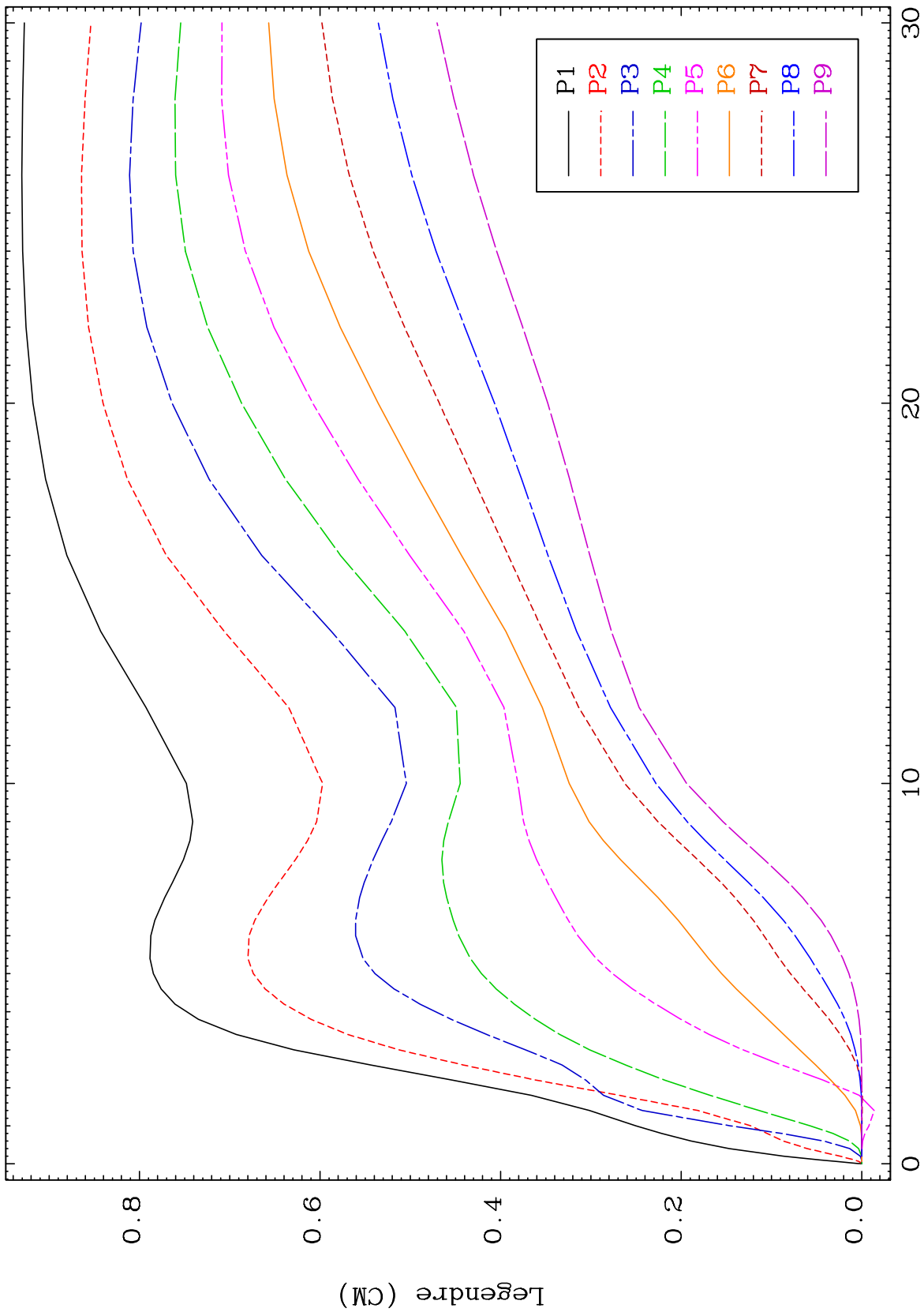




MAT 8316

83-Bi-206

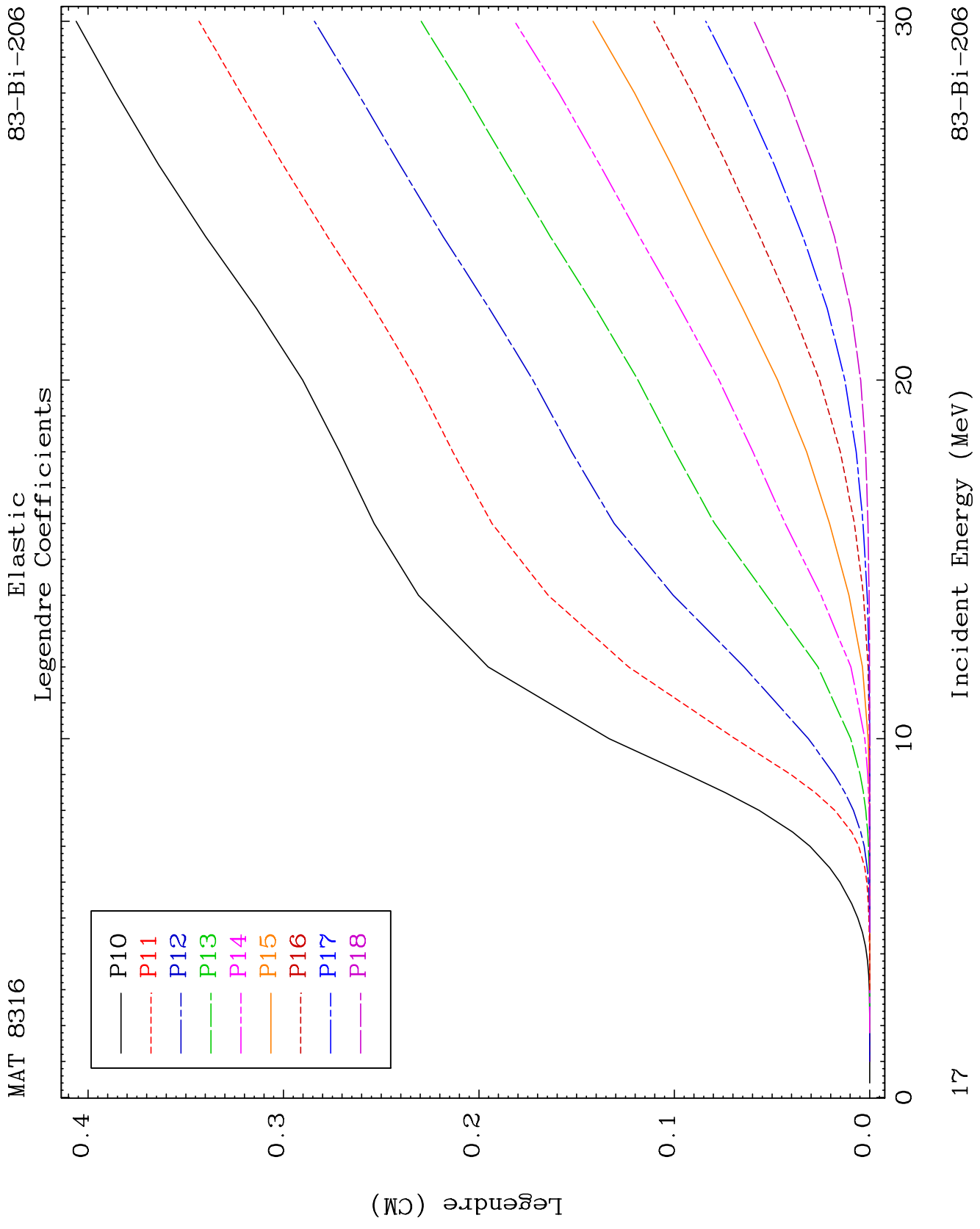
Elastic Legendre Coefficients



83-Bi-206

Incident Energy (MeV)

16

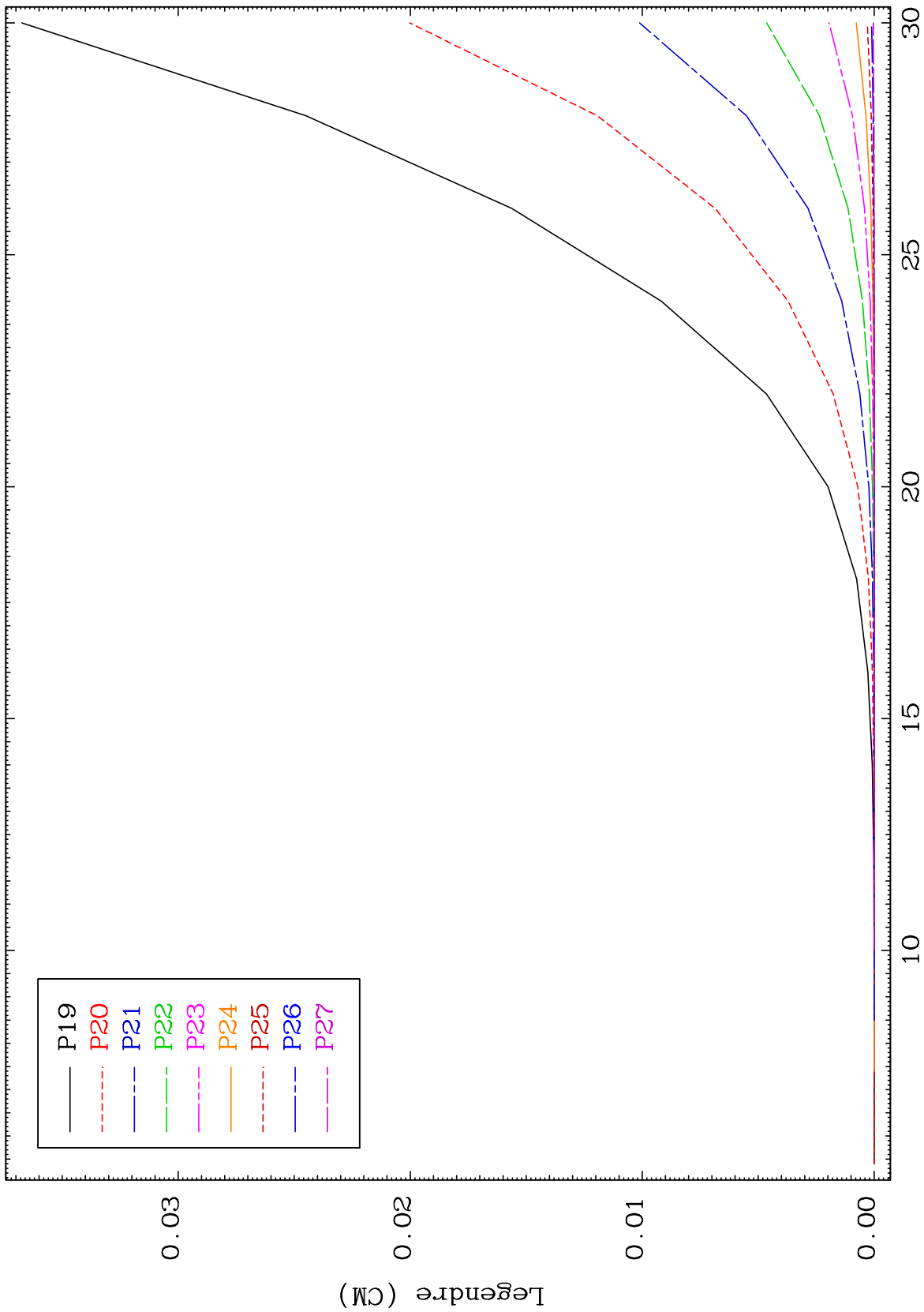


MAT 8316

MAT 8316

Elastic Legendre Coefficients

83-Bi-206



18

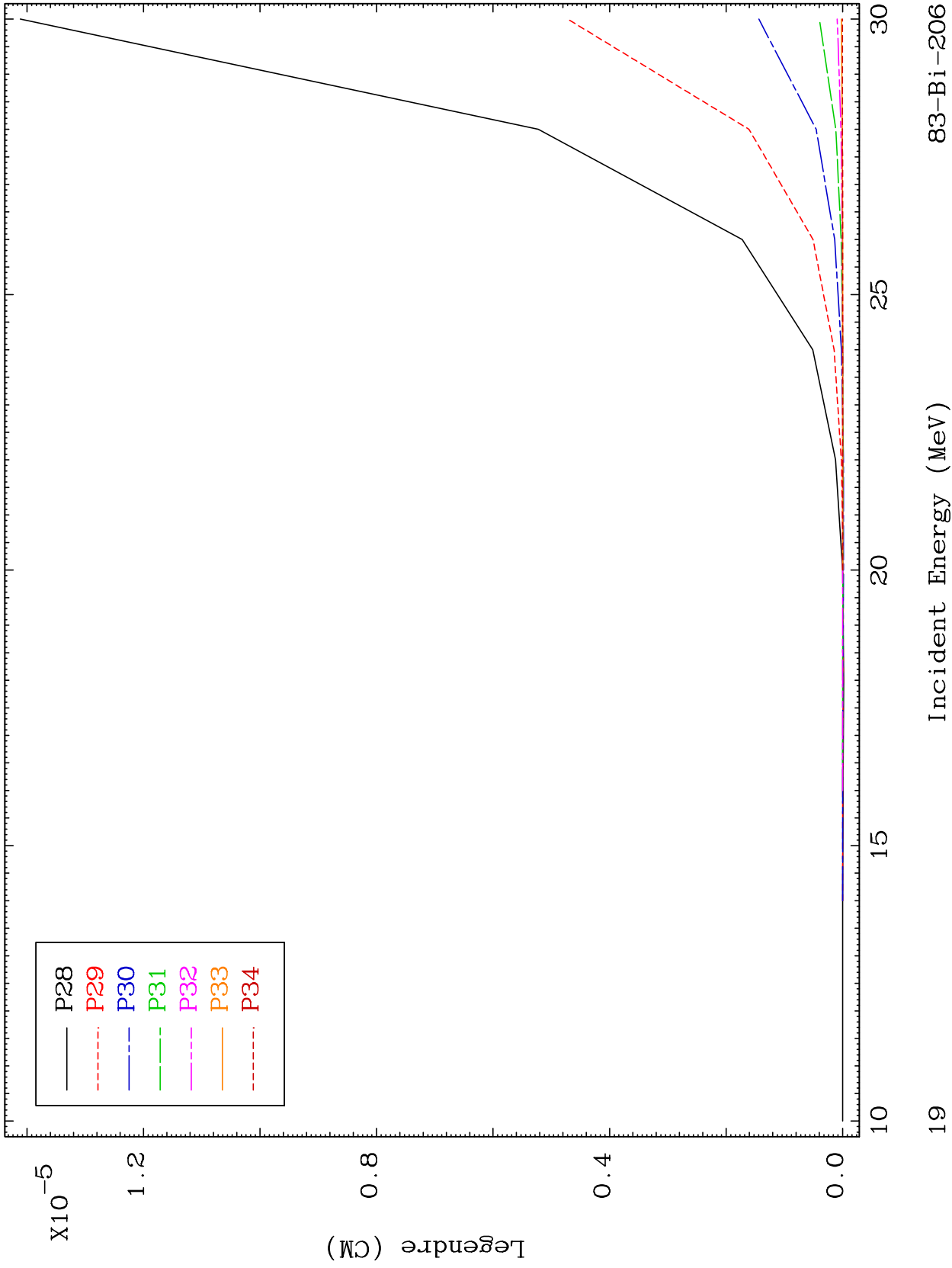
Incident Energy (MeV)

83-Bi-206

MAT 8316

Elastic Legendre Coefficients

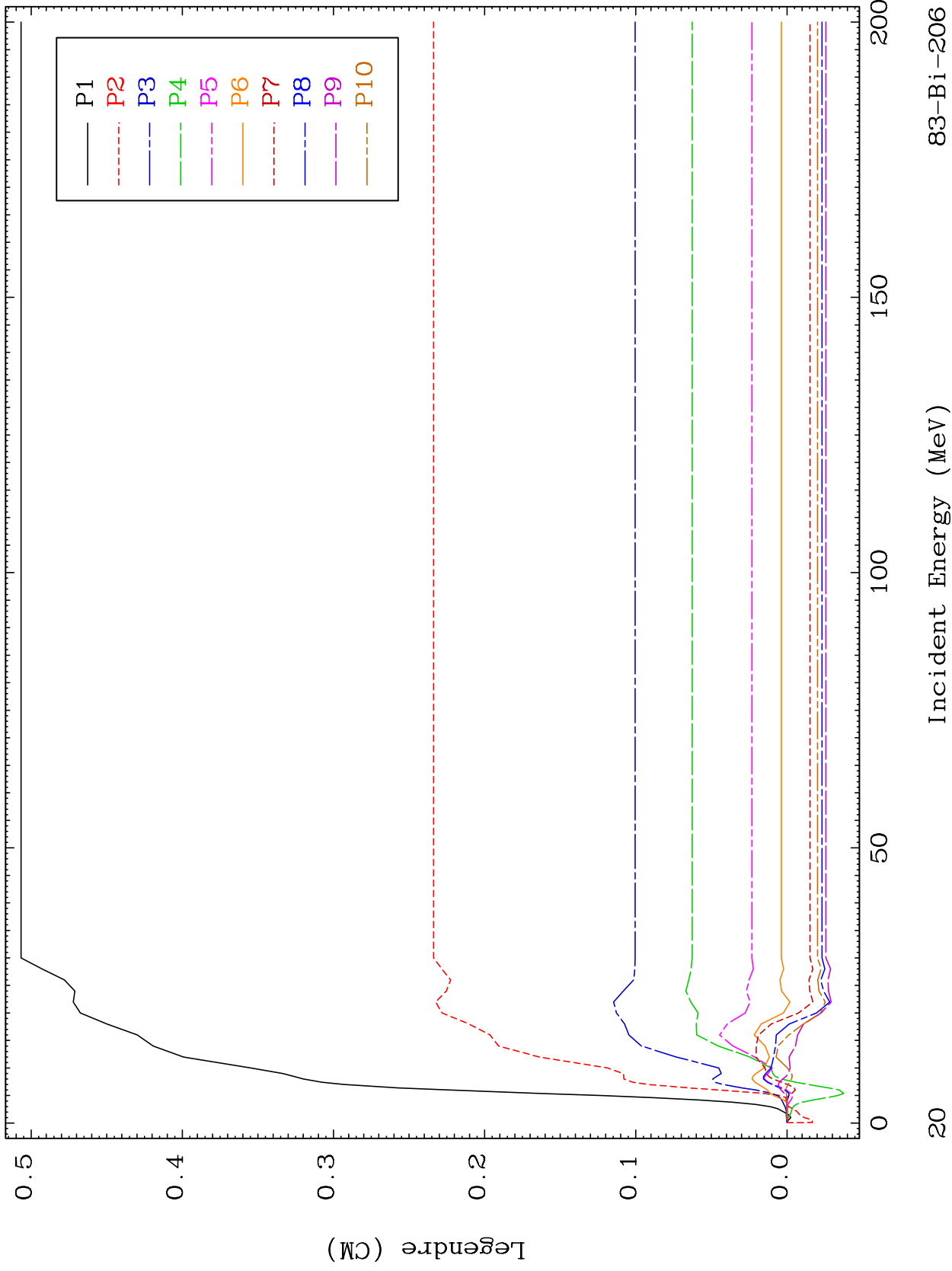
83-Bi-206



MAT 8316

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

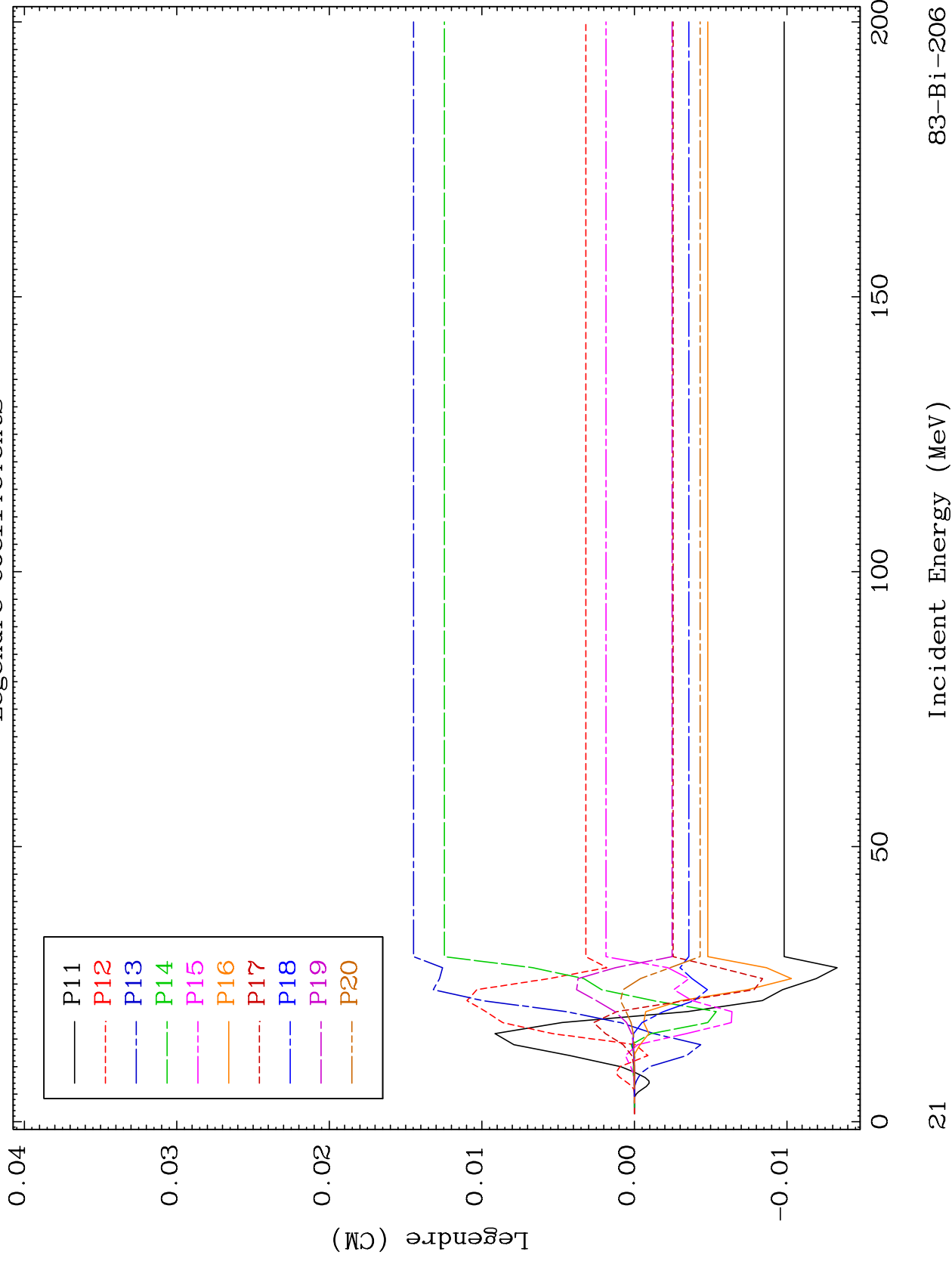
83-Bi-206



MAT 8316

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

83-Bi-206



83-Bi-206

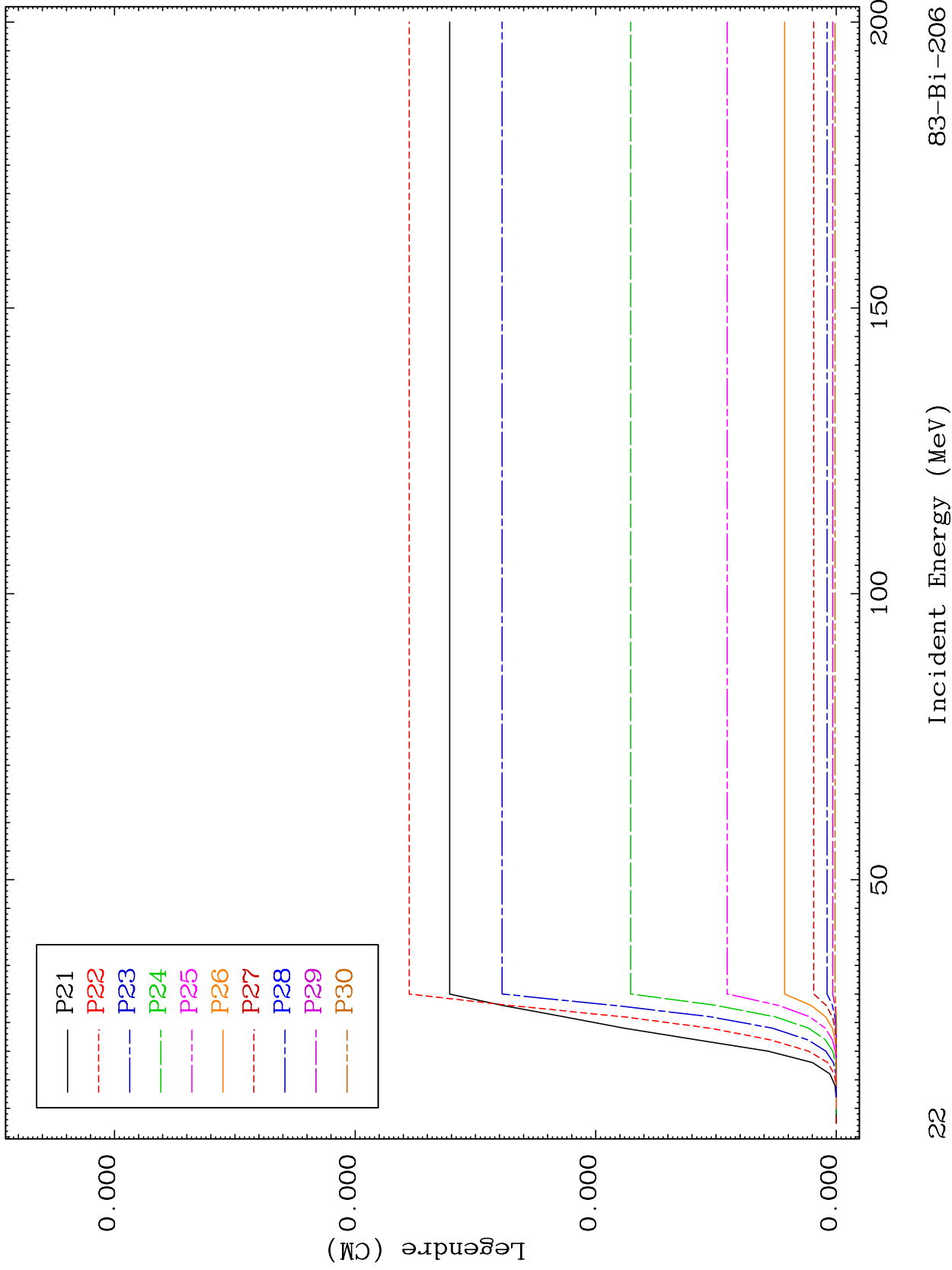
Incident Energy (MeV)

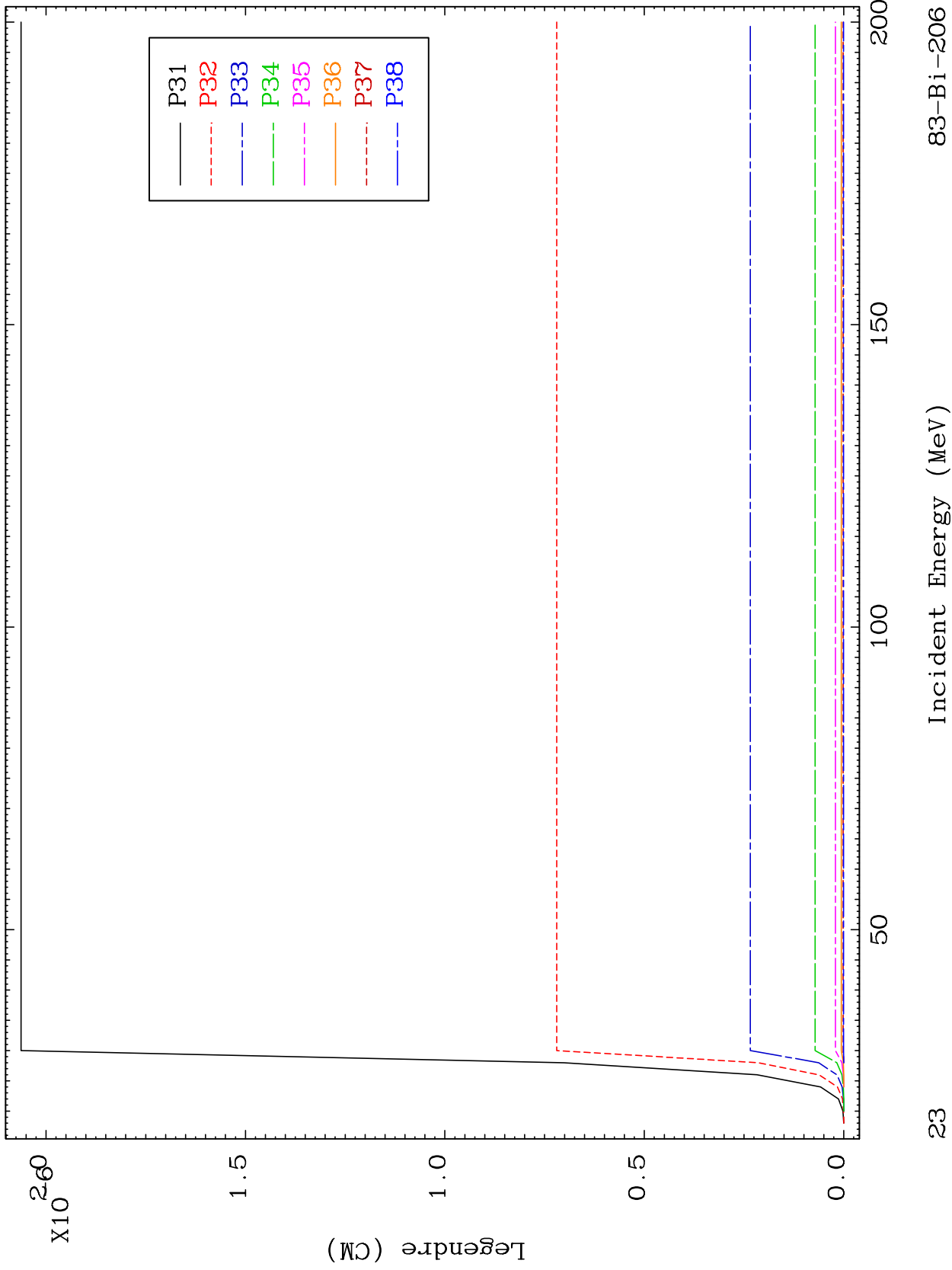
21

MAT 8316

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

83-Bi-206

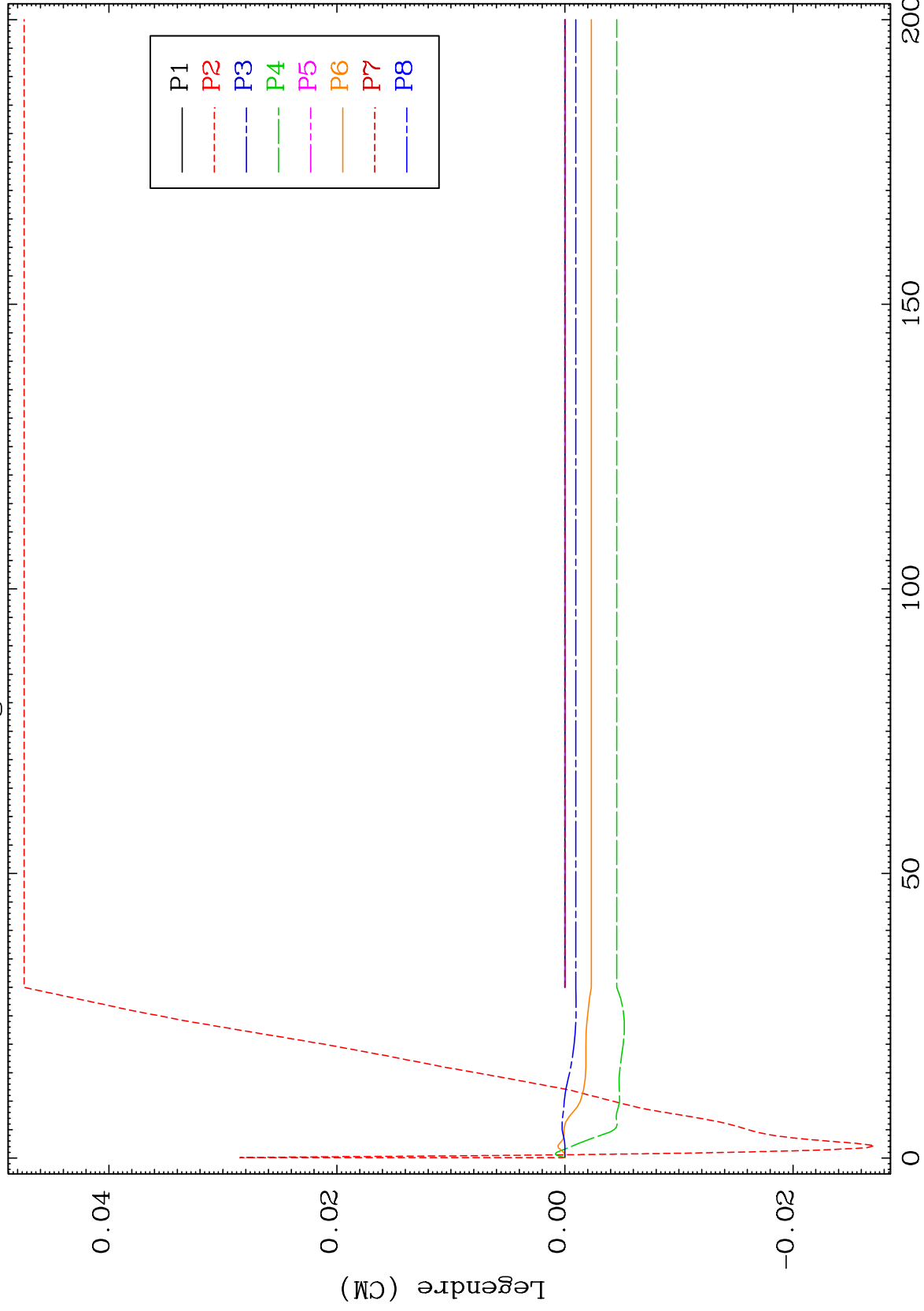




MAT 8316

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

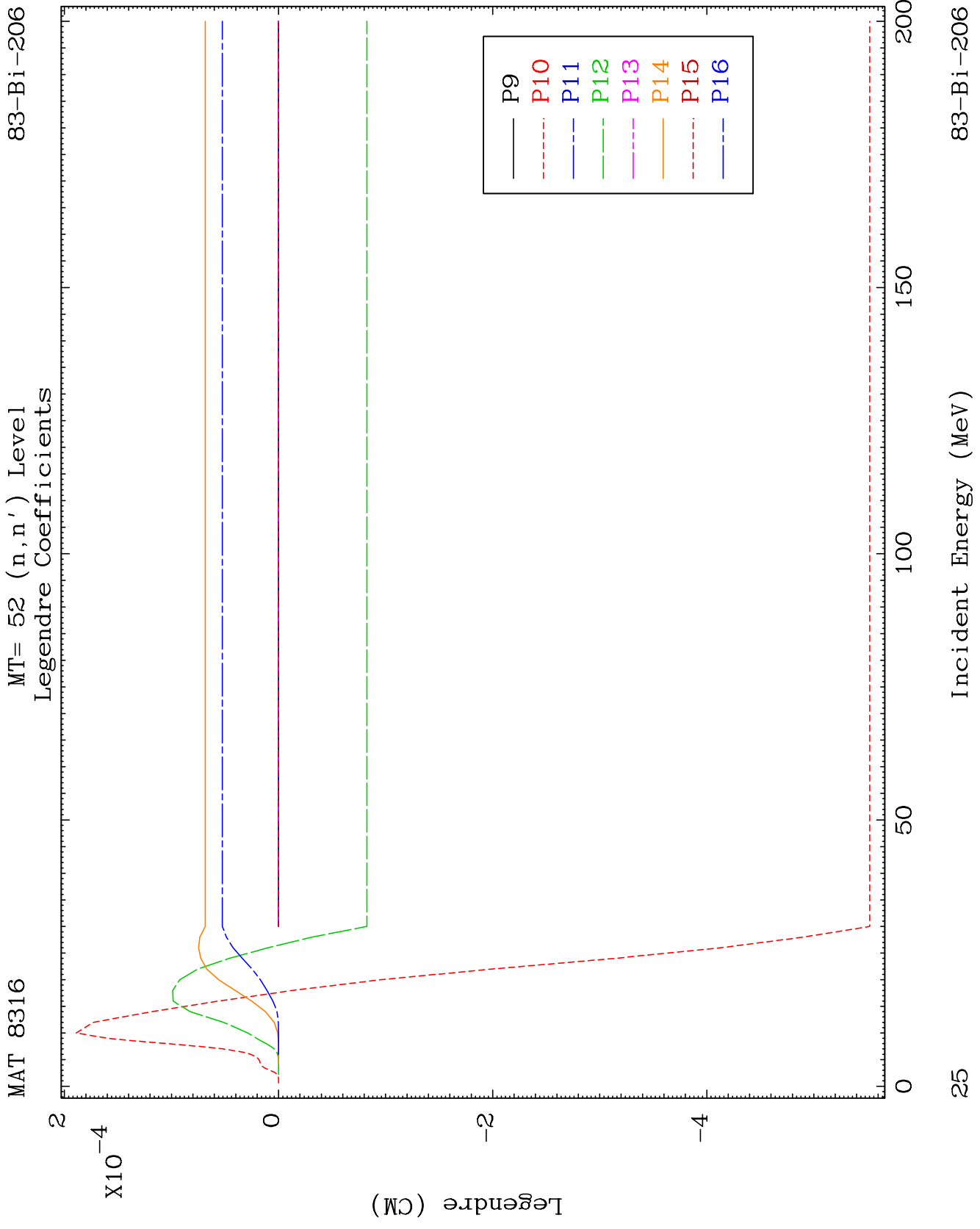
83-Bi-206



24

Incident Energy (MeV)

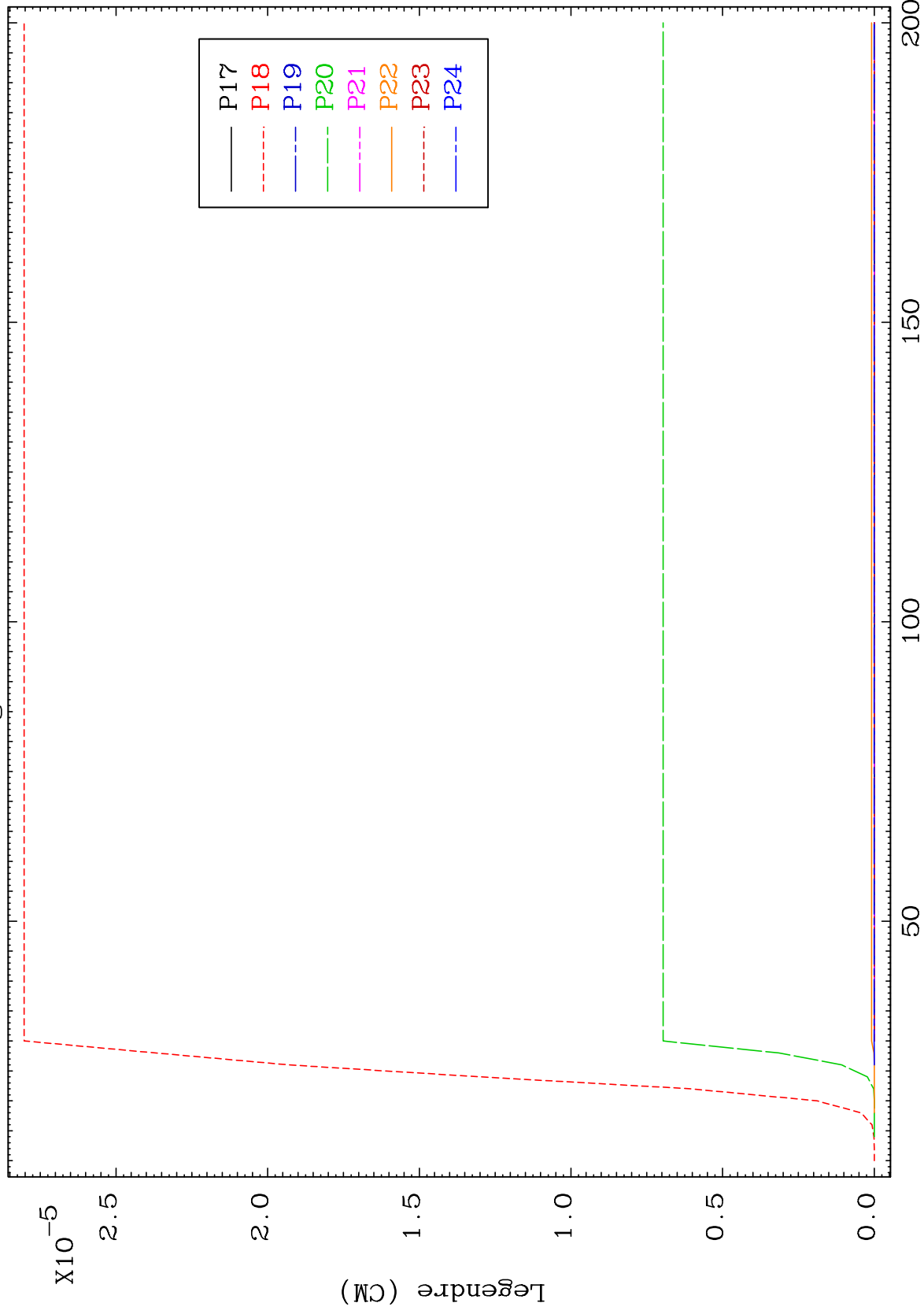
83-Bi-206



MAT 8316

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

83-Bi-206



26

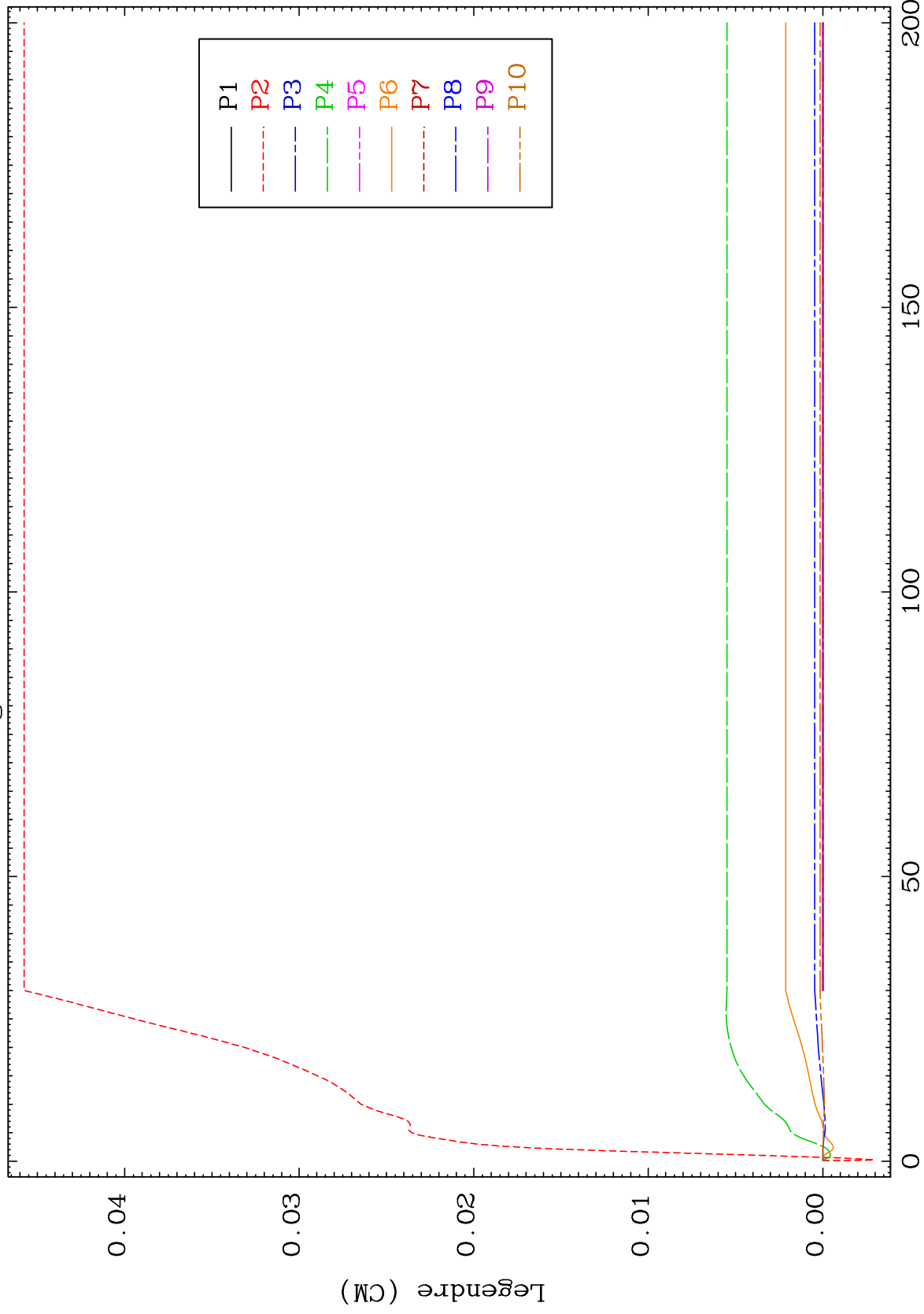
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



27

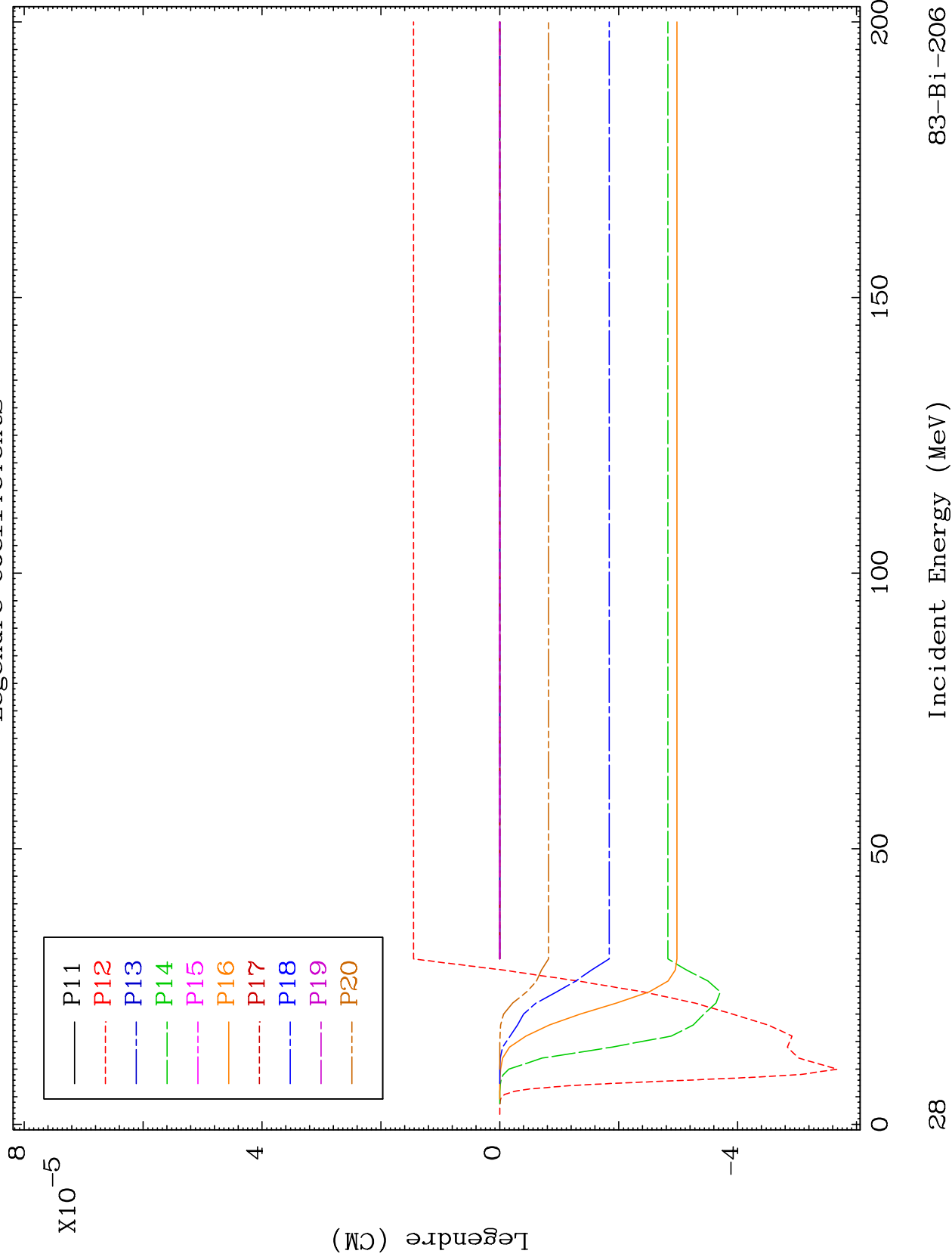
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



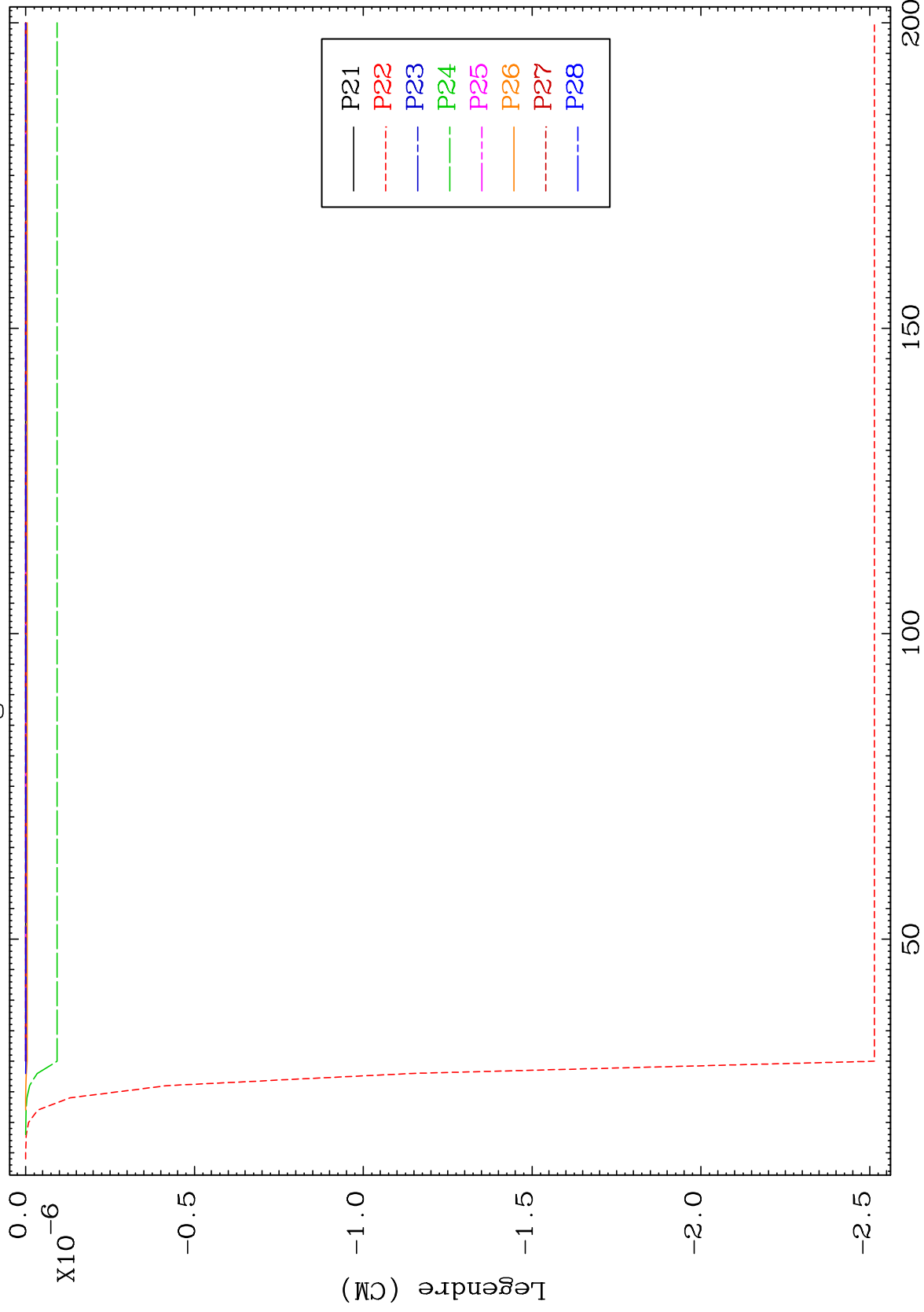
28

83-Bi-206

MAT 8316

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

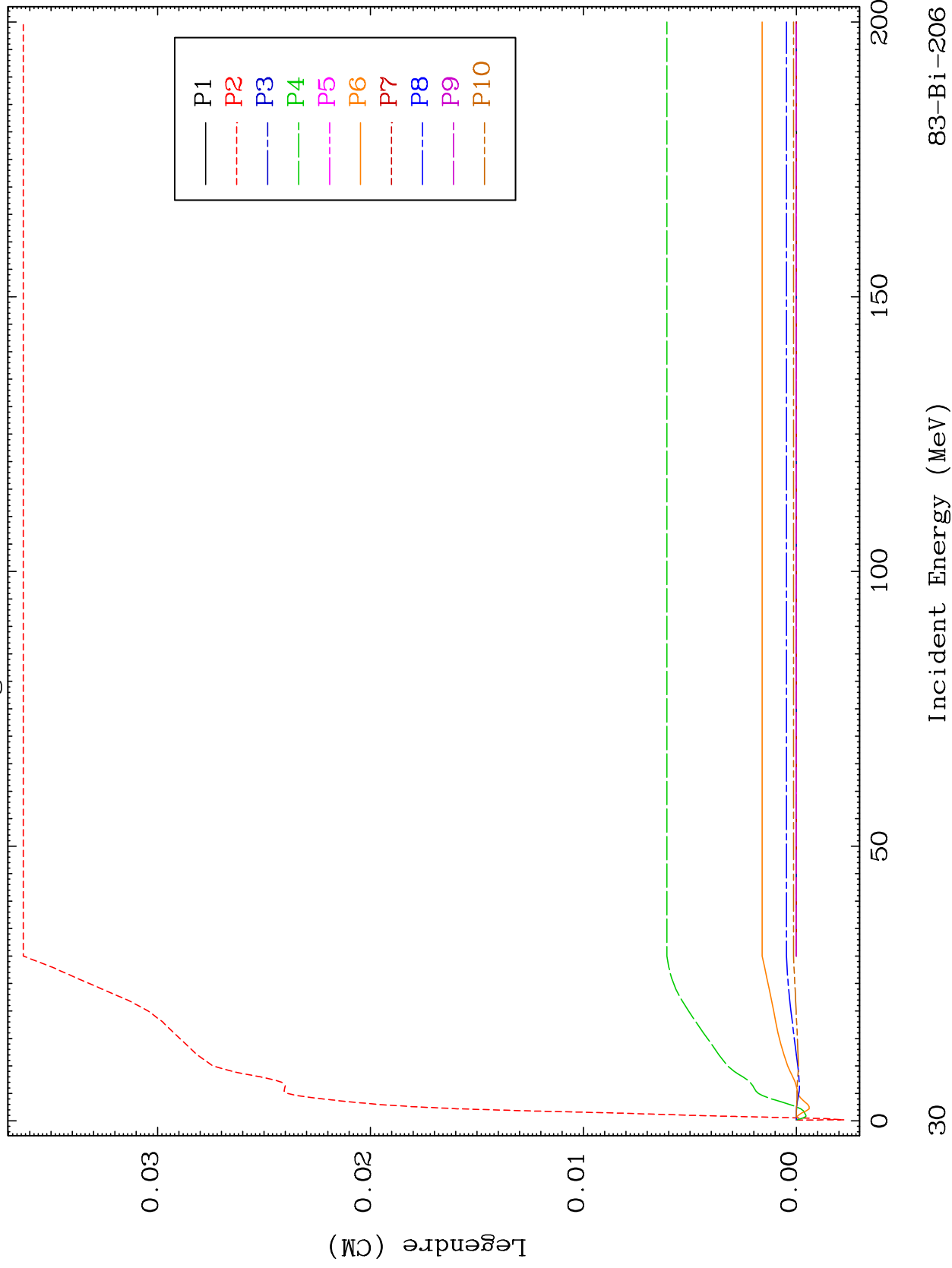
83-Bi-206



MAT 8316

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

83-Bi-206

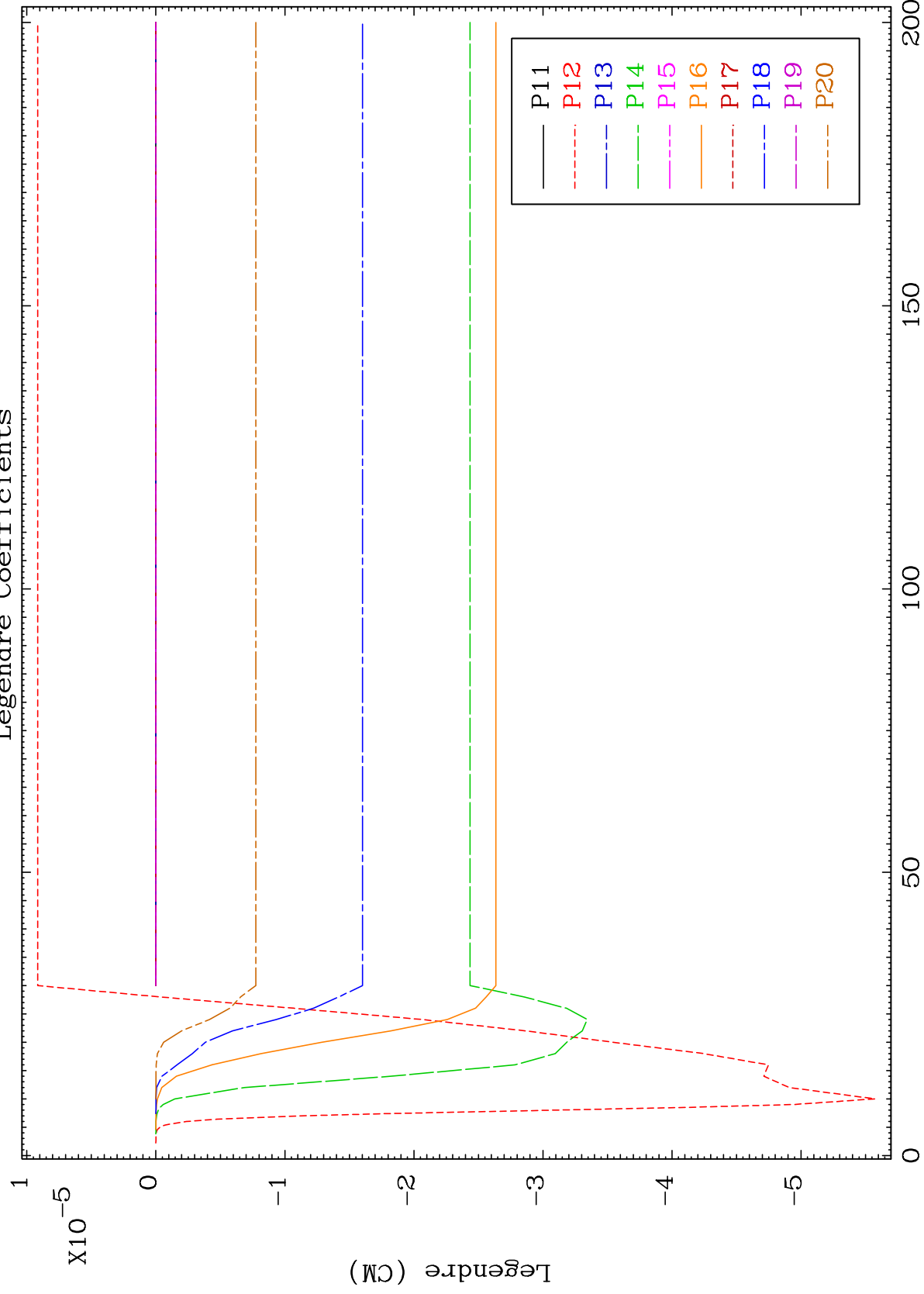


83-Bi-206

MAT 8316

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

83-Bi-206



31

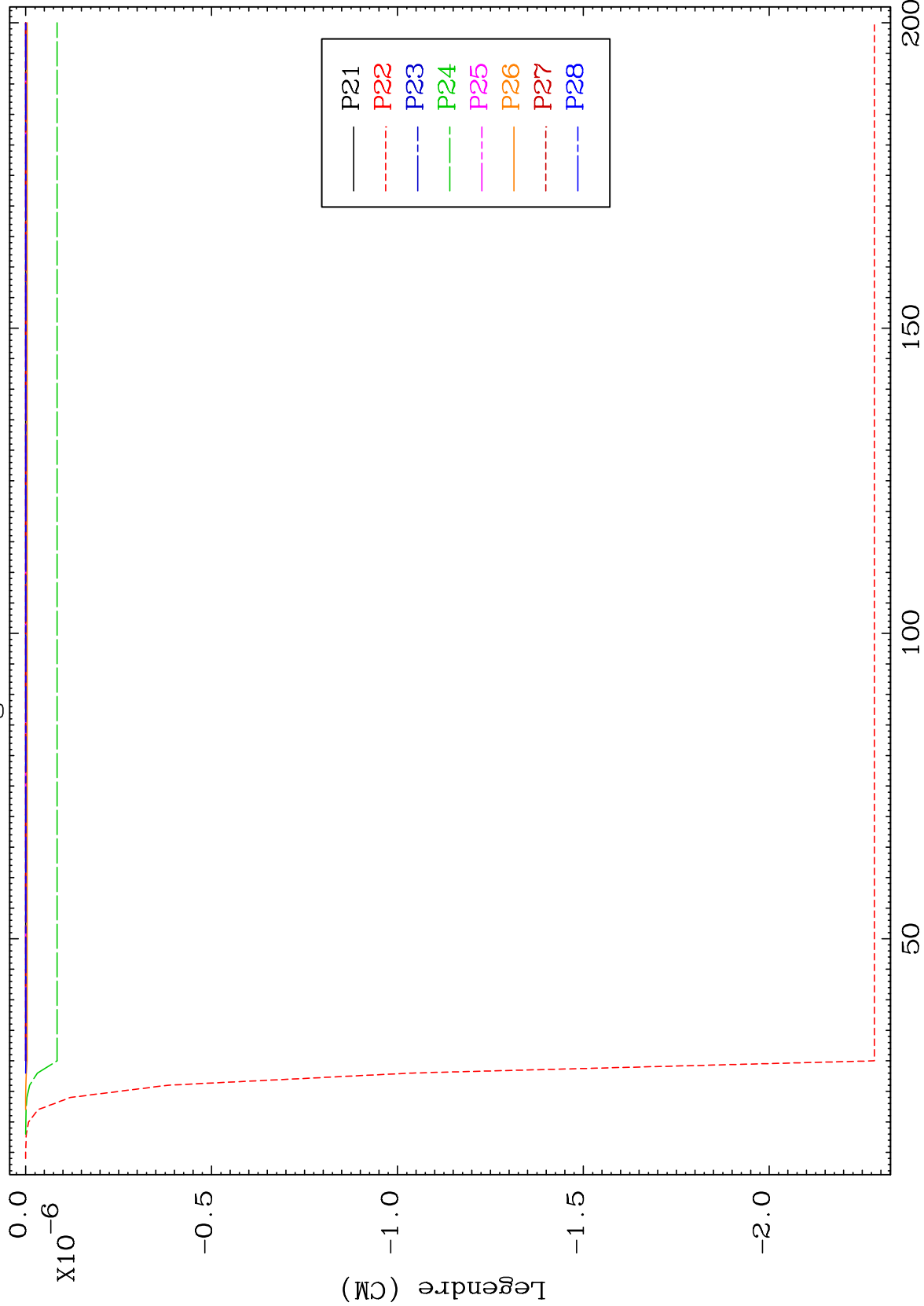
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



32

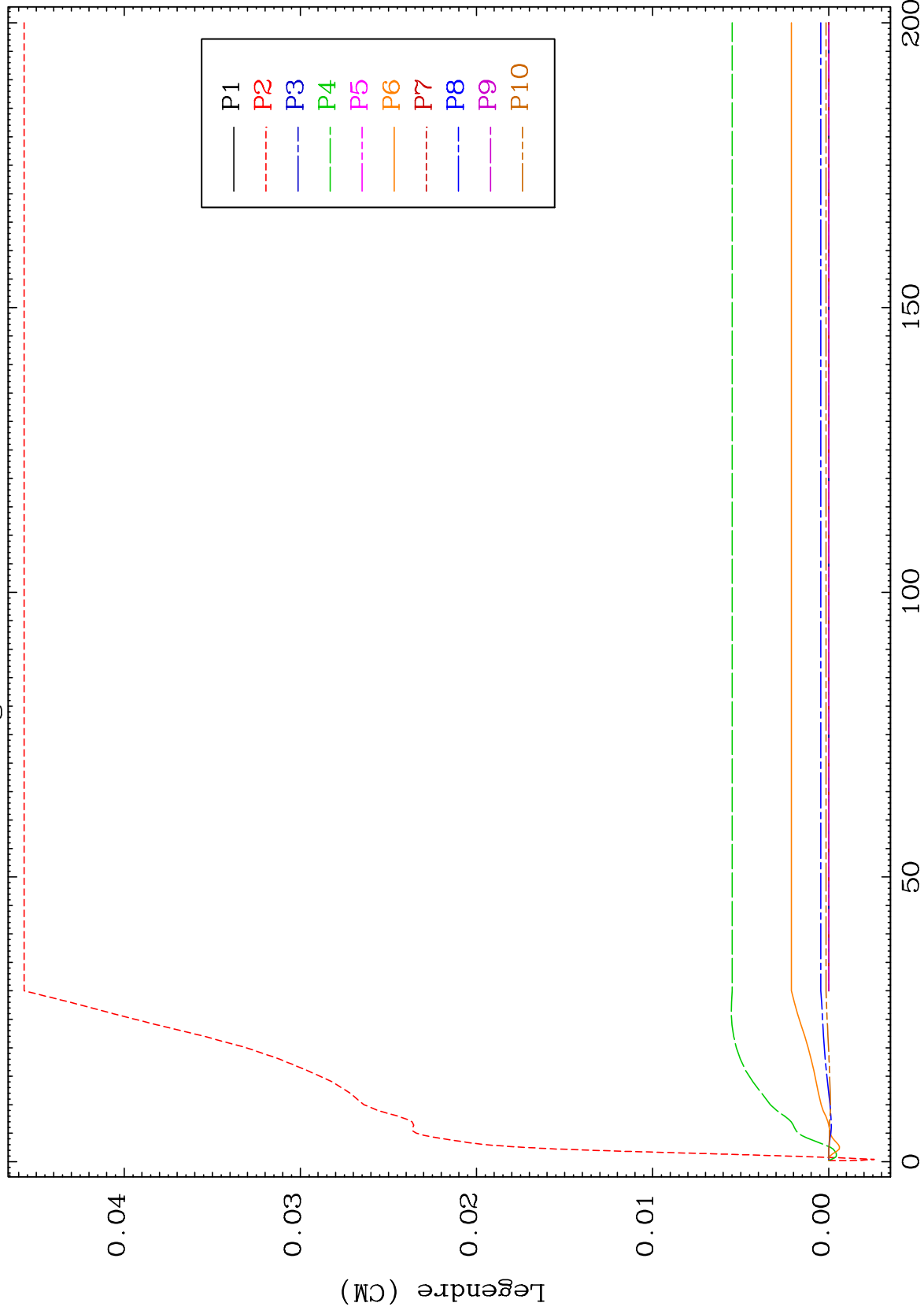
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



33

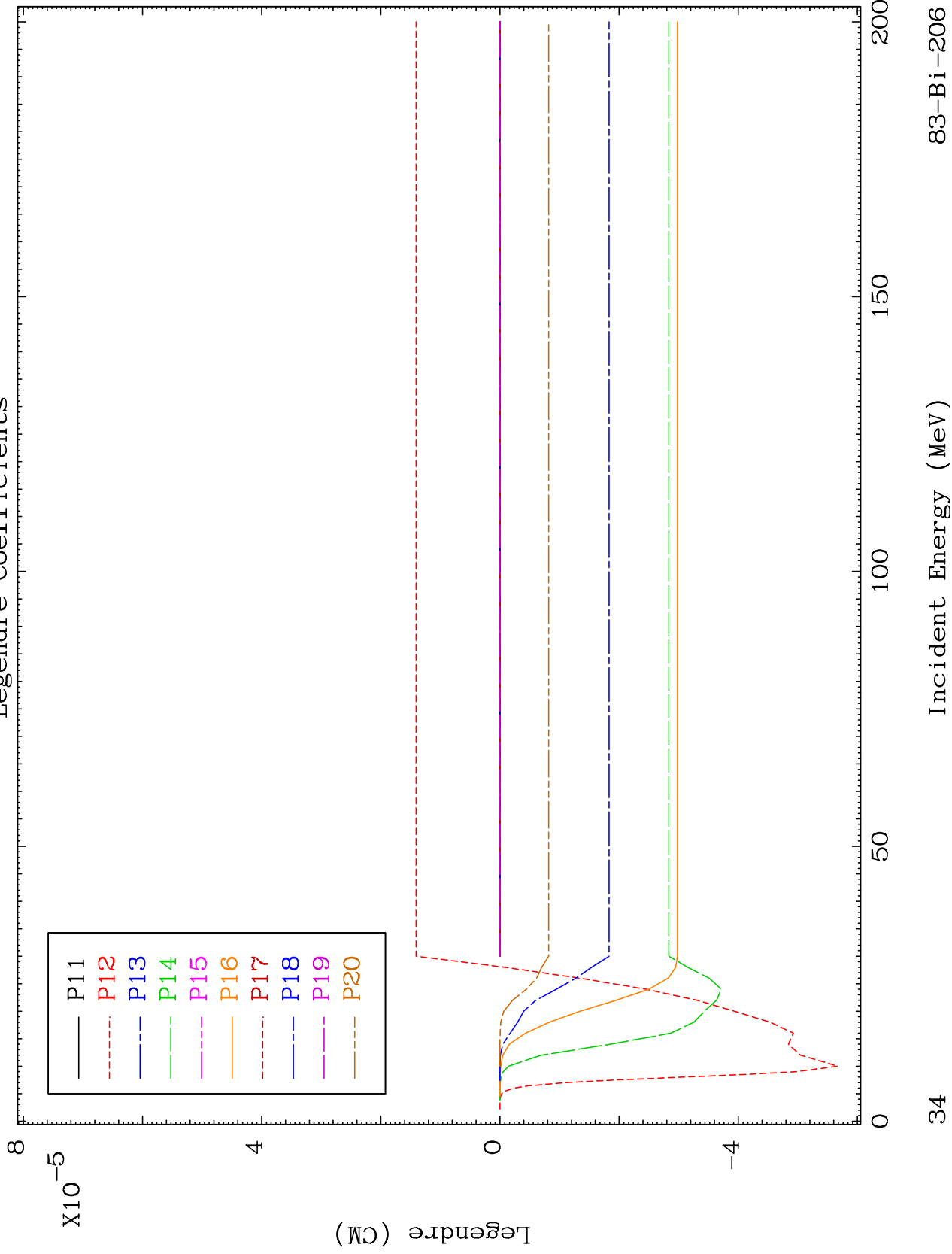
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

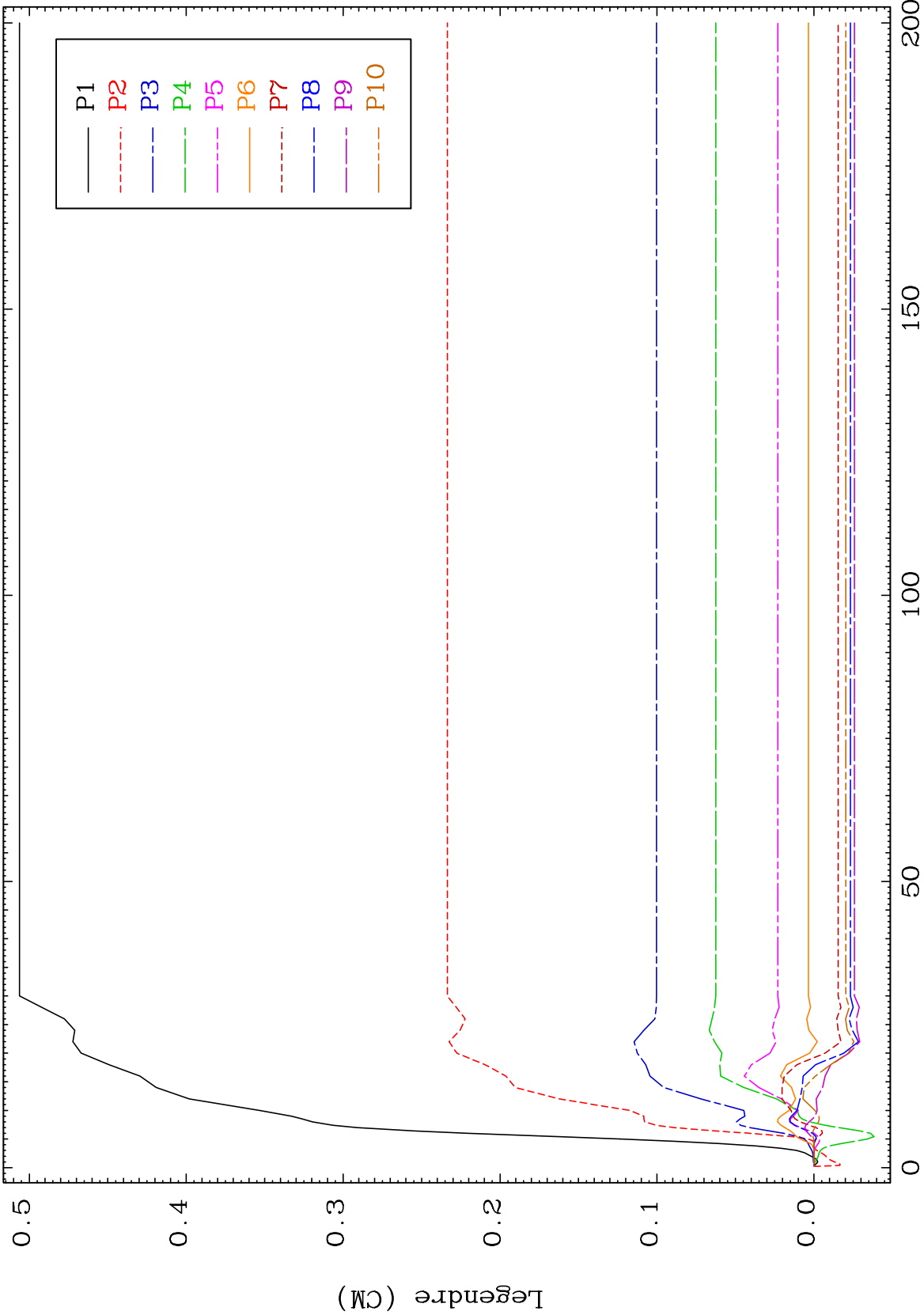
Incident Energy (MeV)

34

MAT 8316

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

83-Bi-206



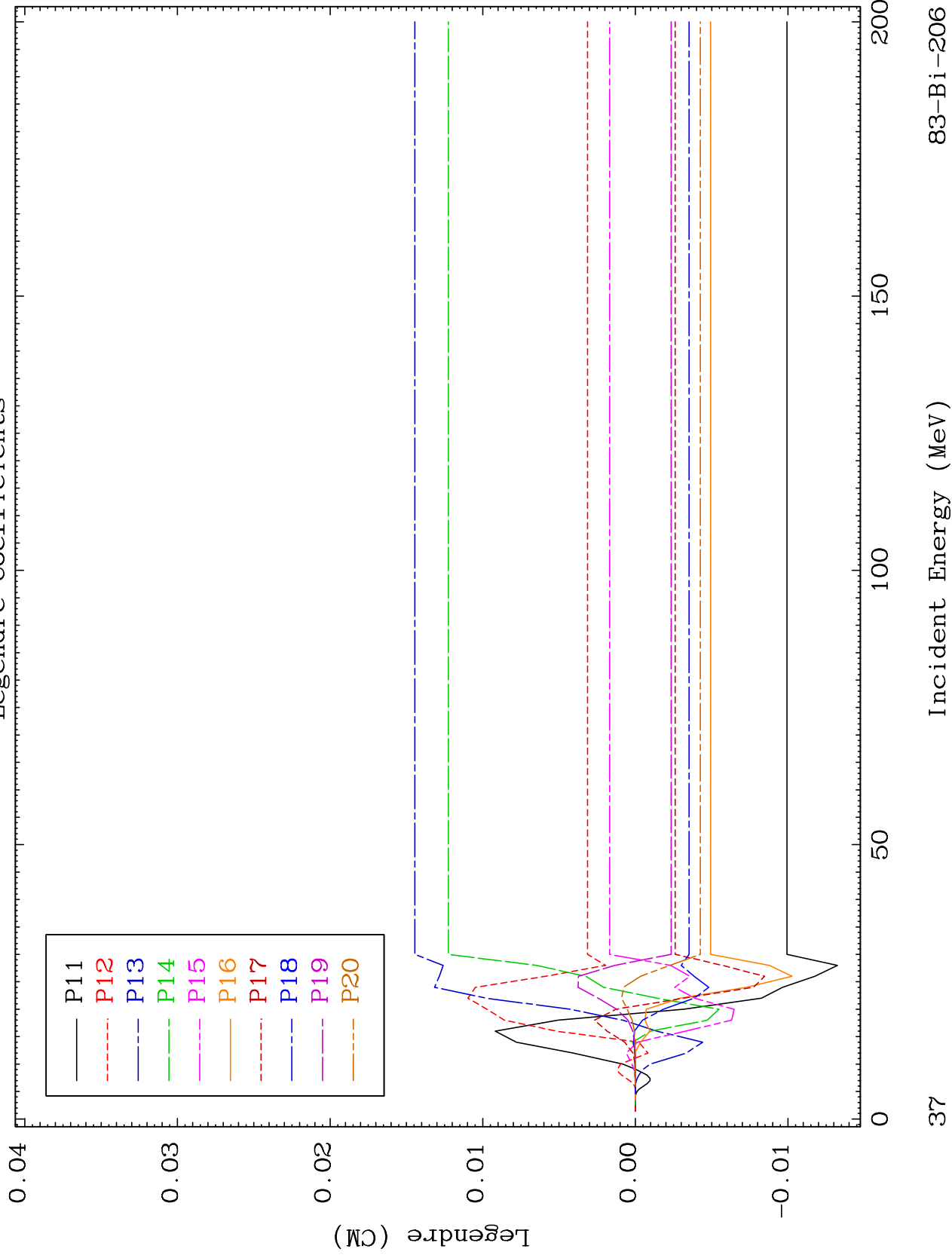
36

83-Bi-206

MAT 8316

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

83-Bi-206



37

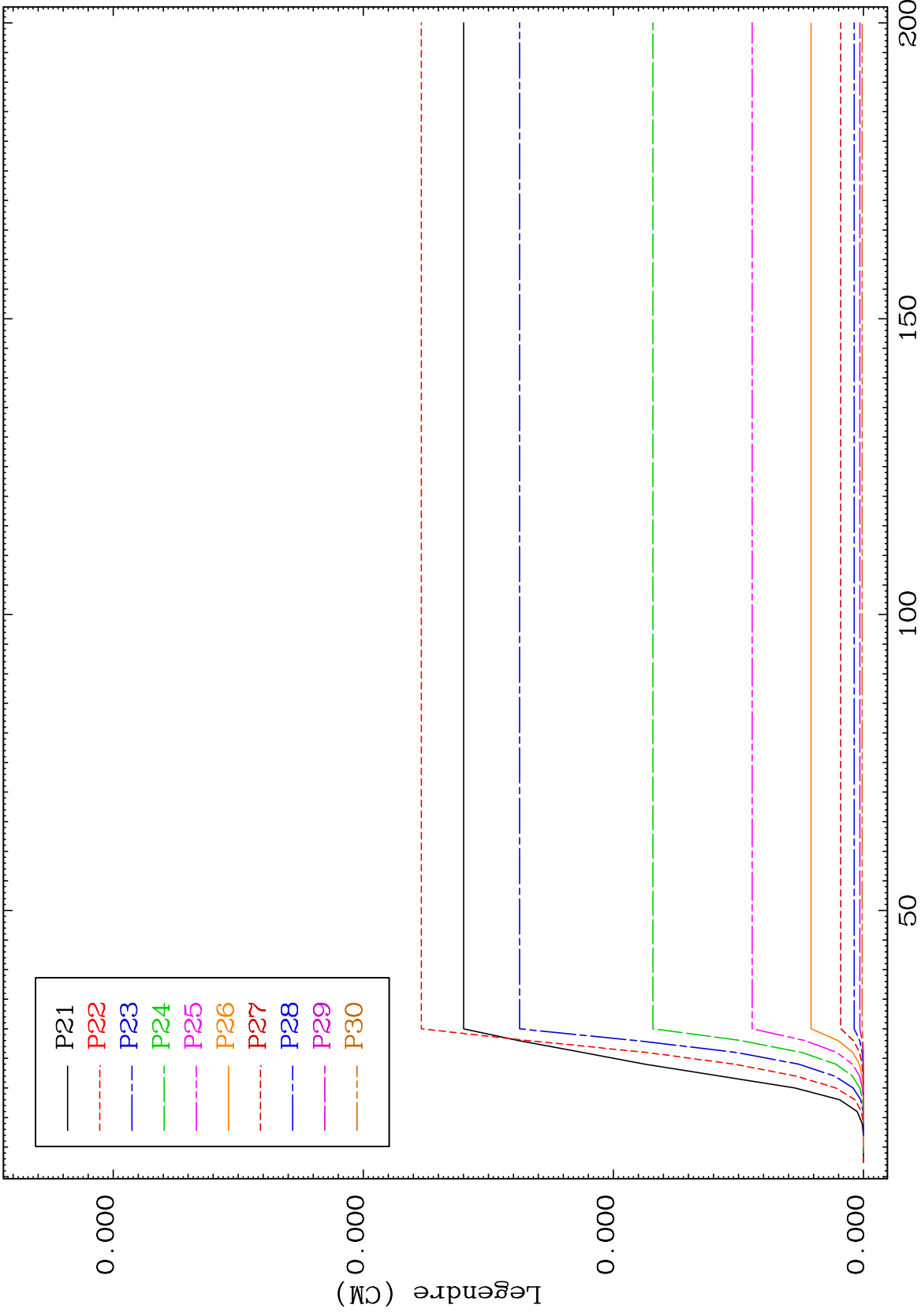
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



38

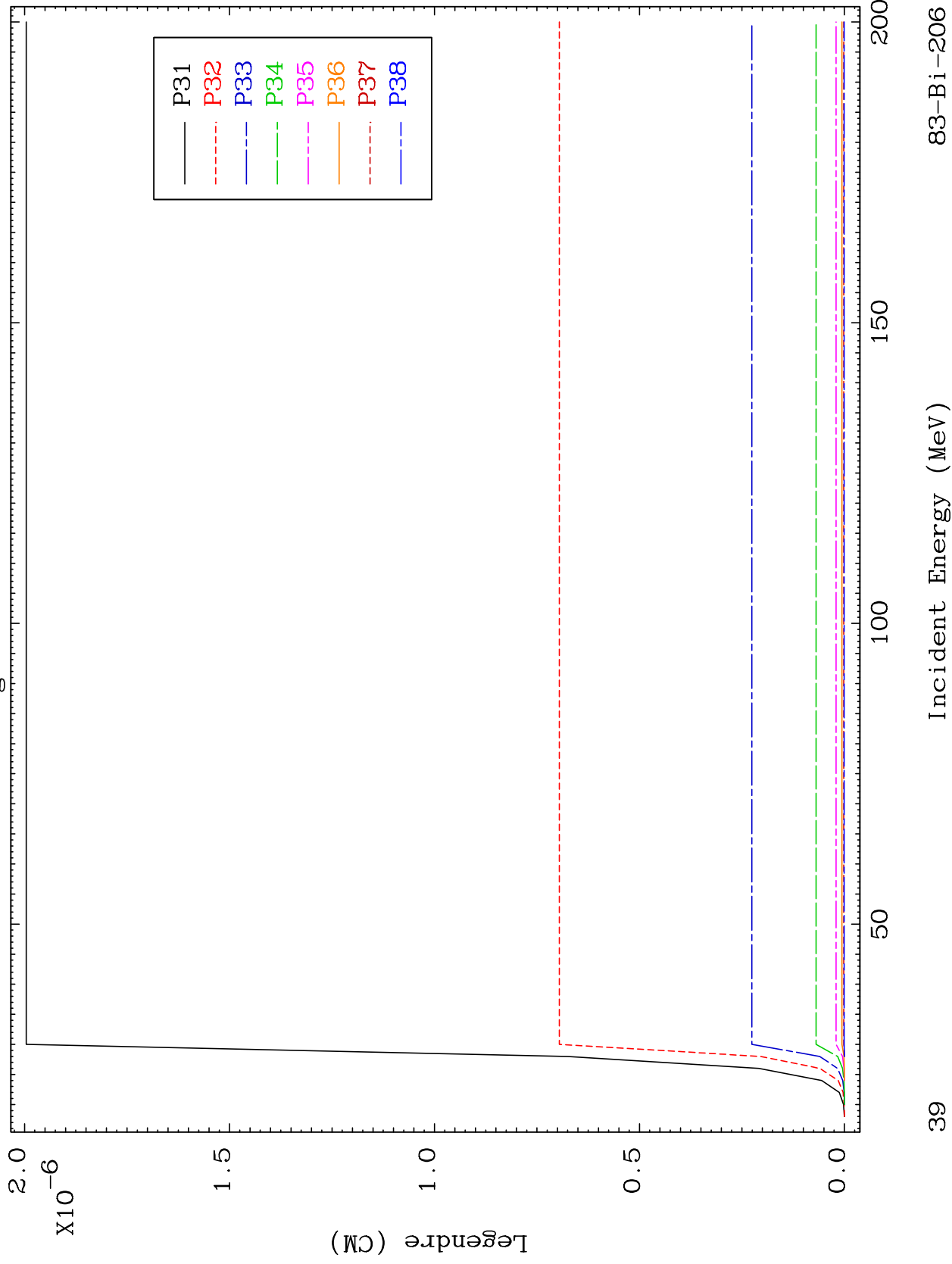
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

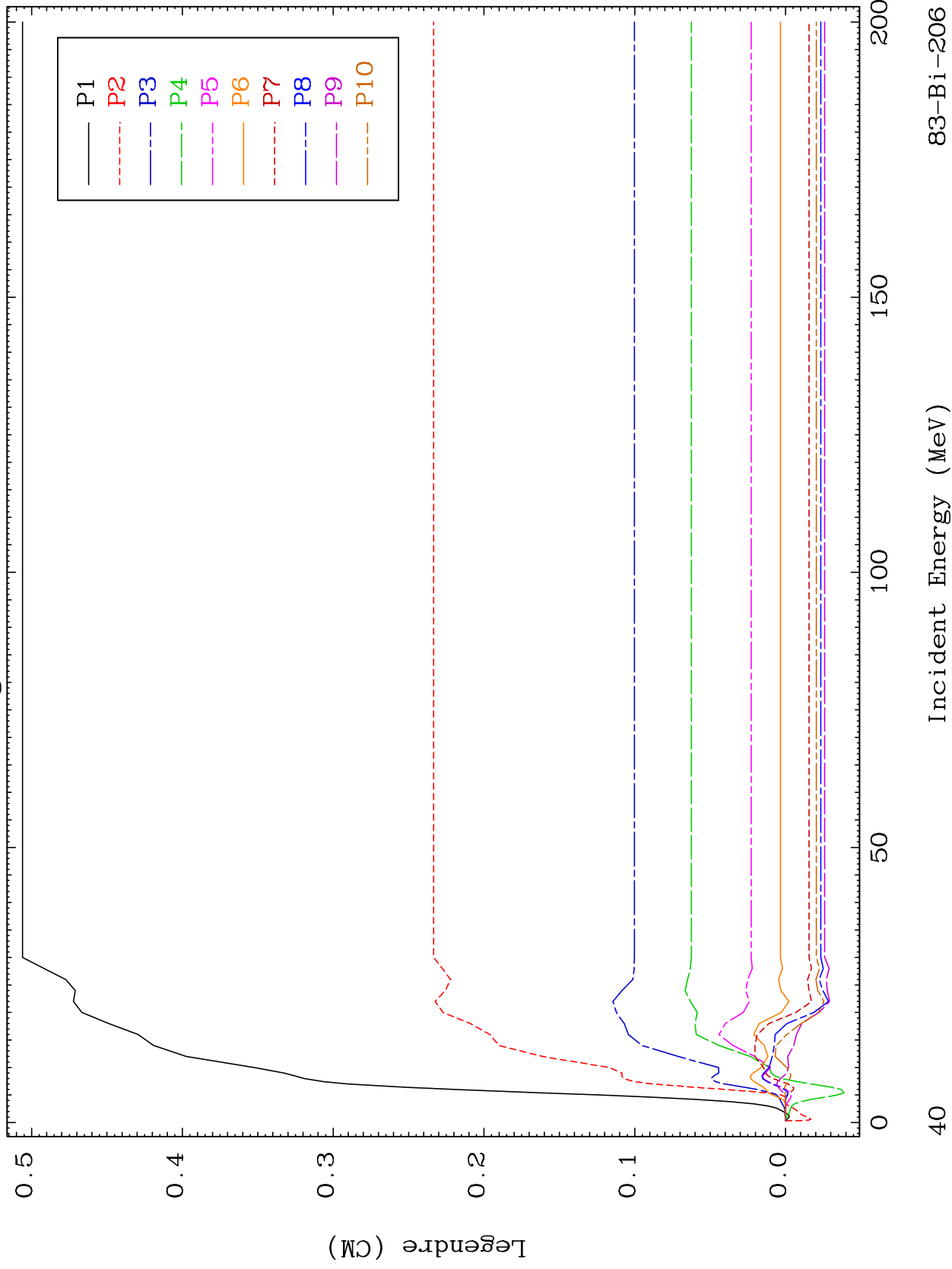
83-Bi-206



MAT 8316

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

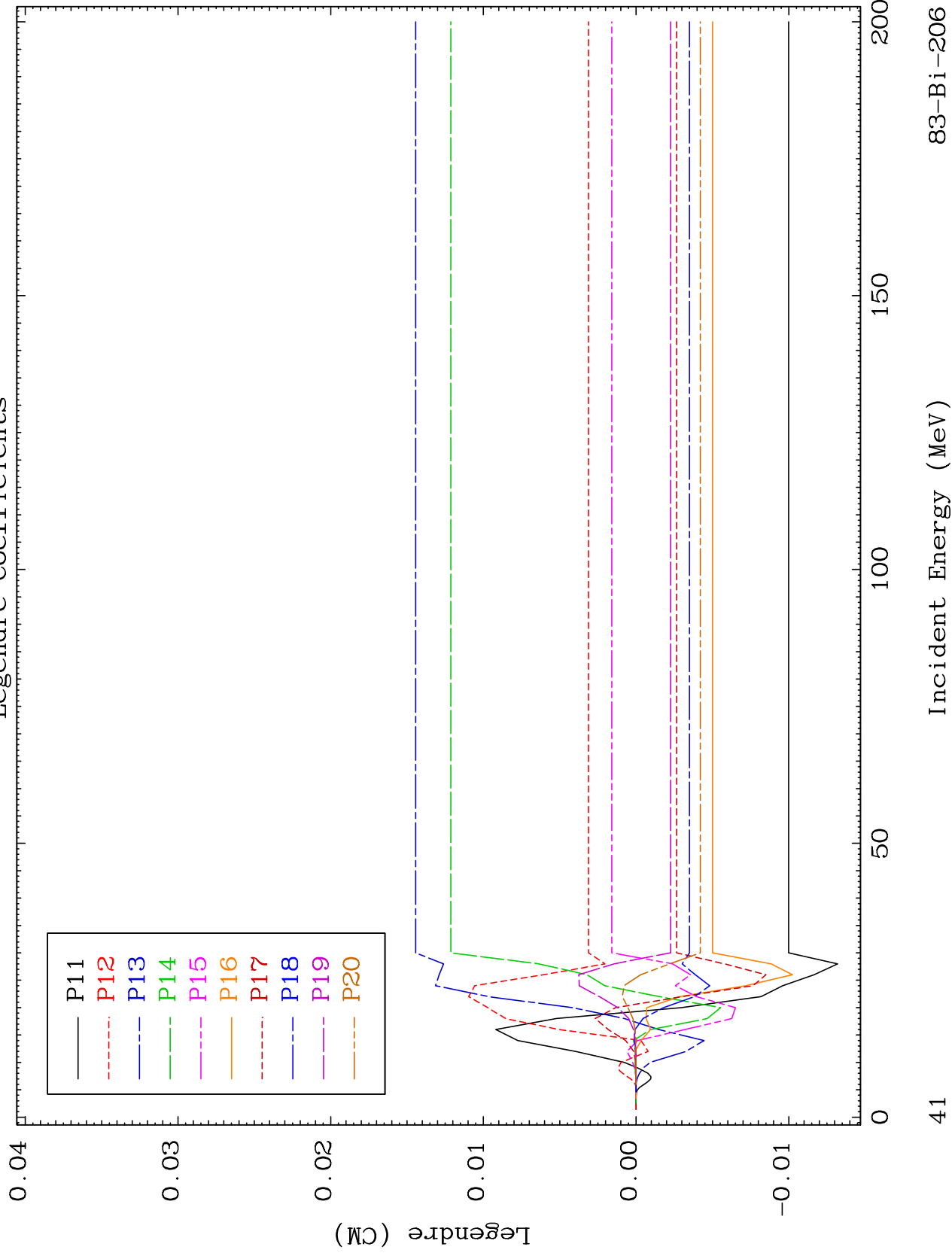
83-Bi-206



MAT 8316

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

83-Bi-206



41

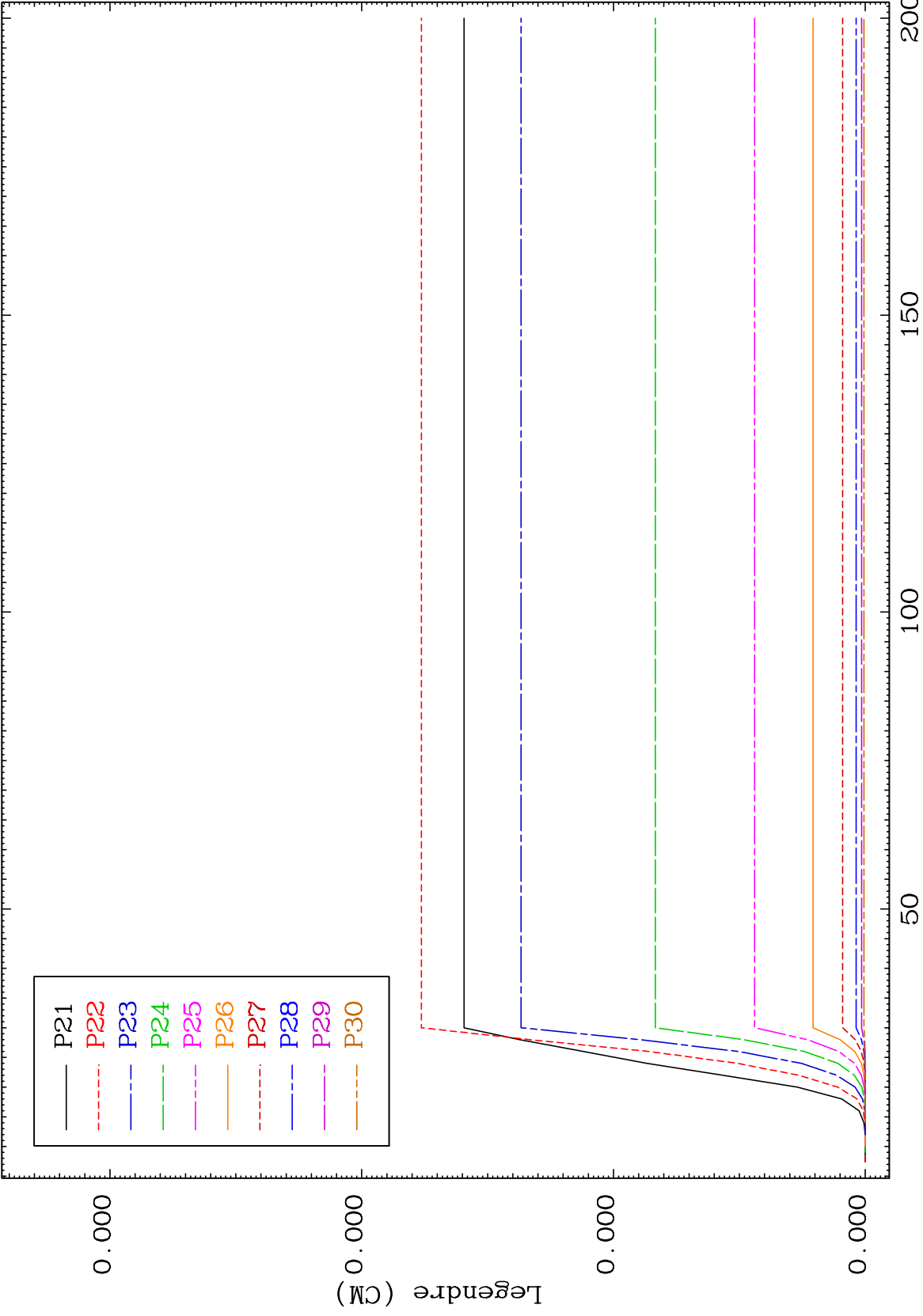
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



42

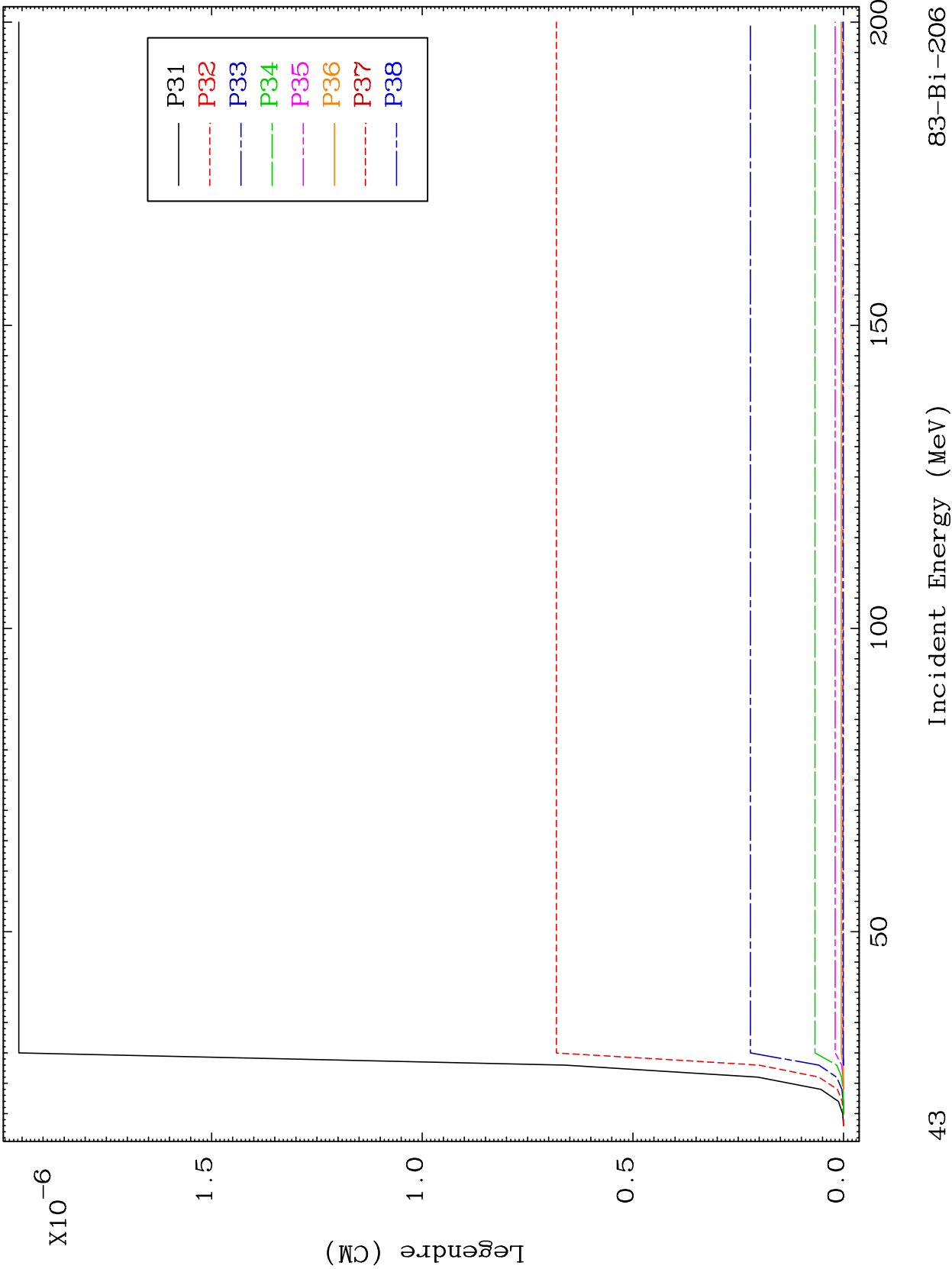
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



43

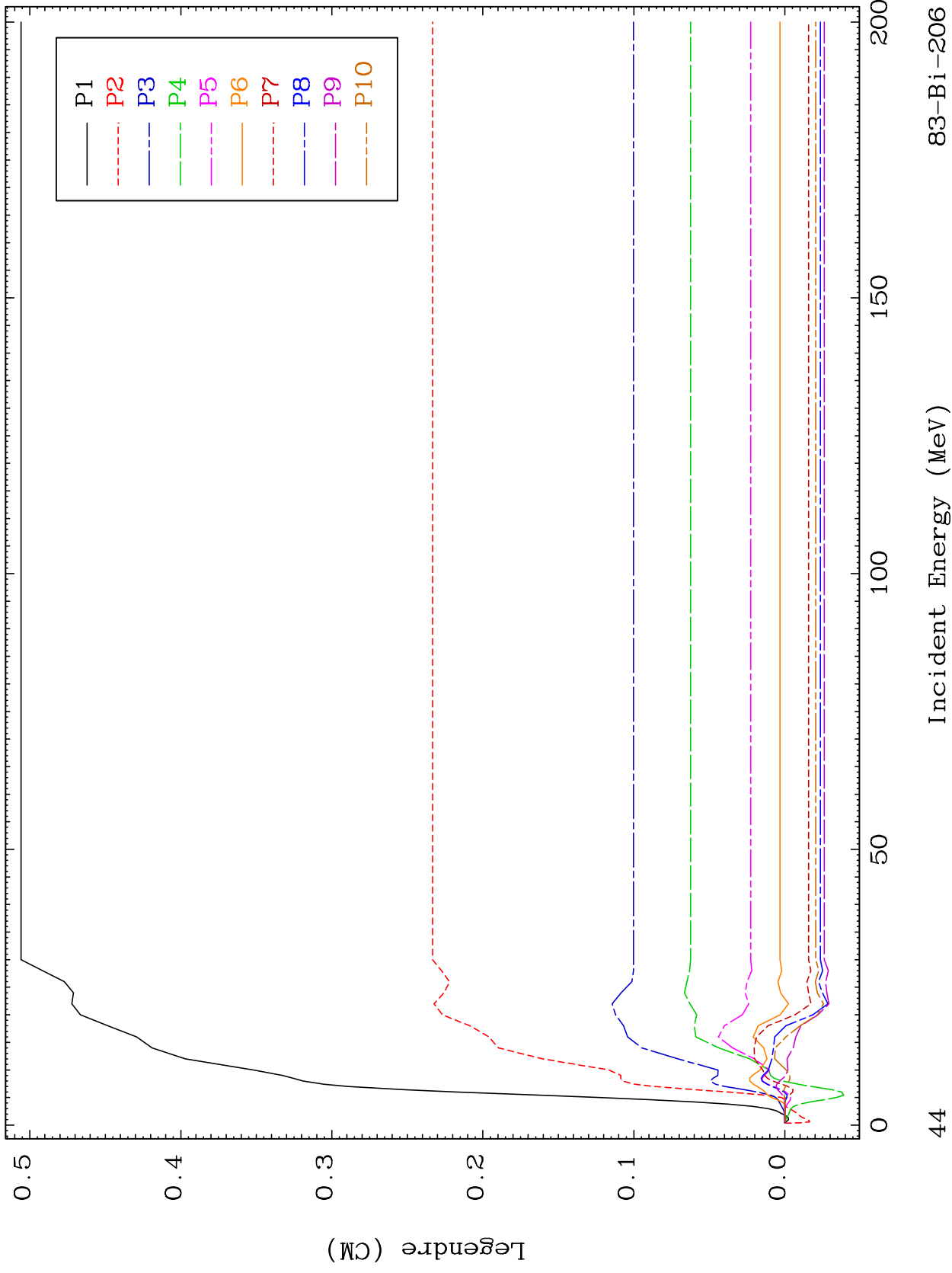
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

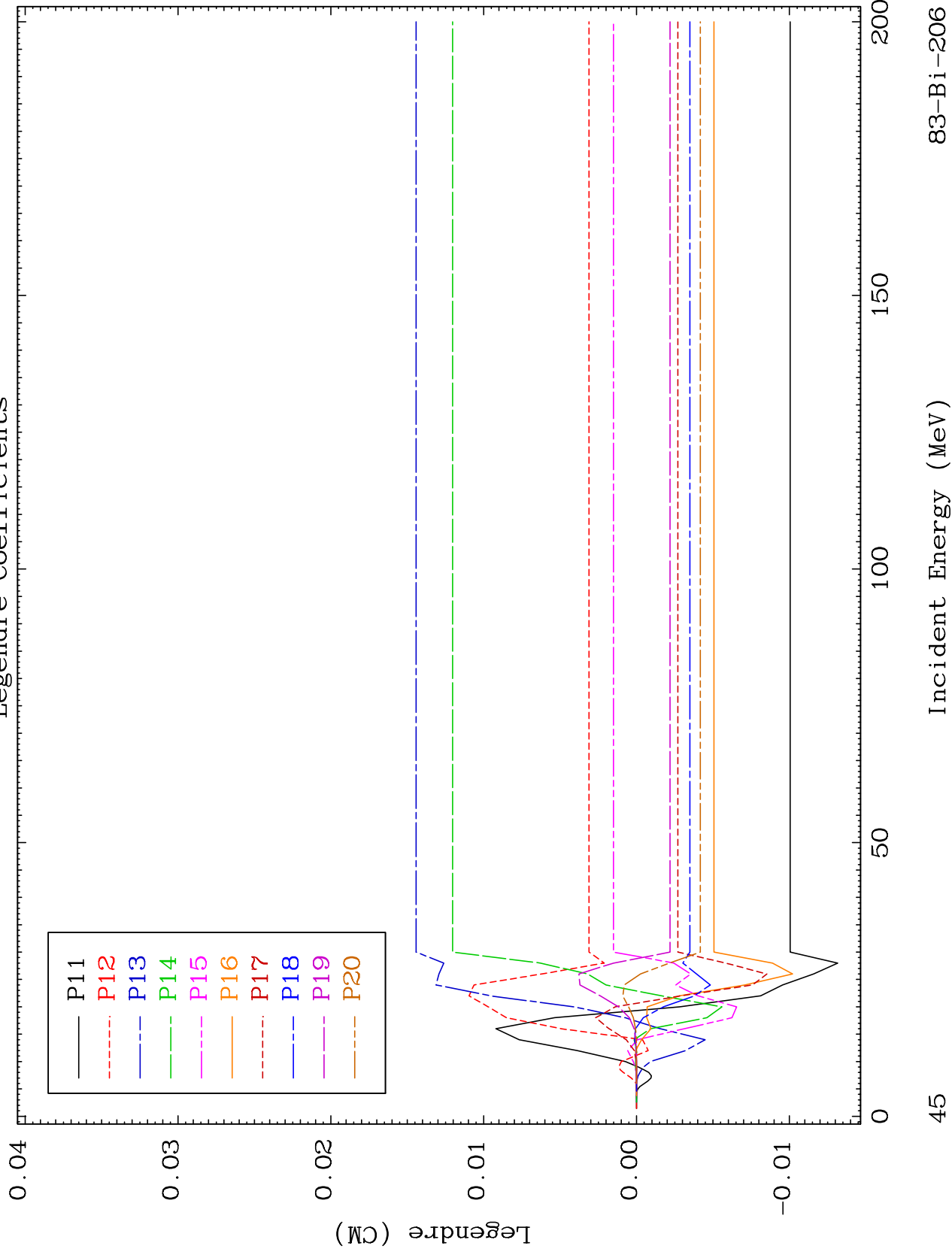
Incident Energy (MeV)

44

MAT 8316

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

83-Bi-206



83-Bi-206

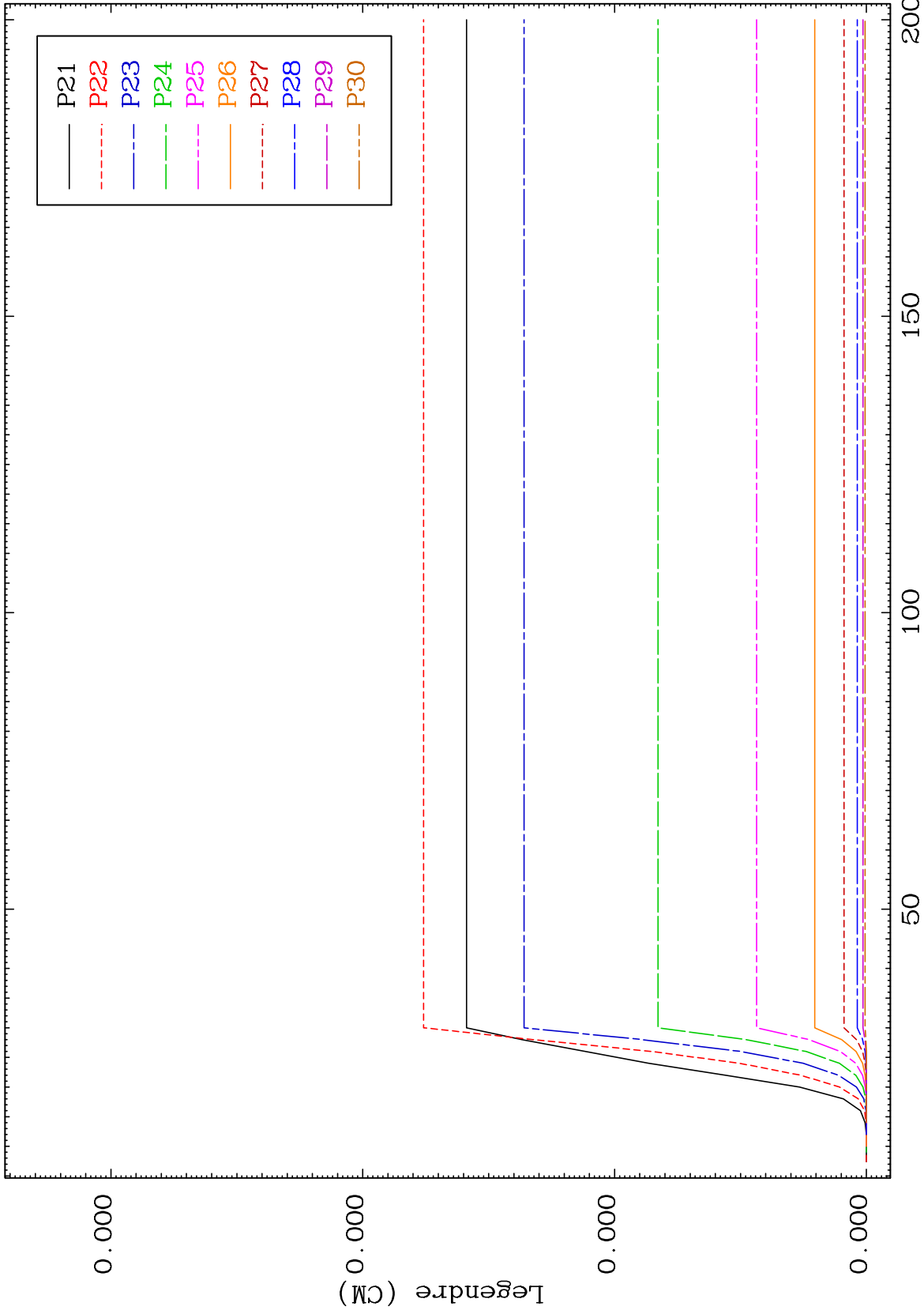
Incident Energy (MeV)

45

MAT 8316

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

83-Bi-206



46

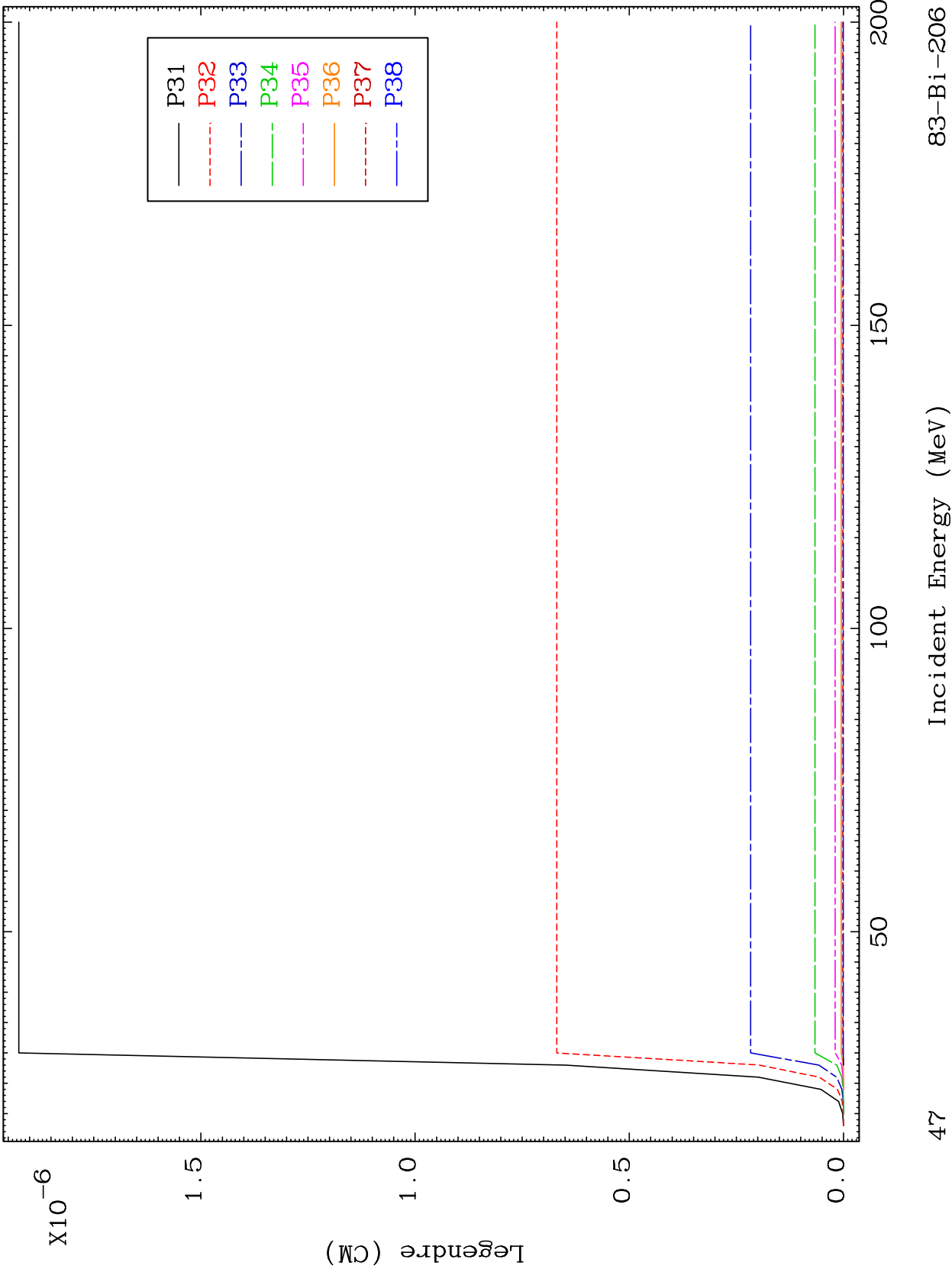
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



47

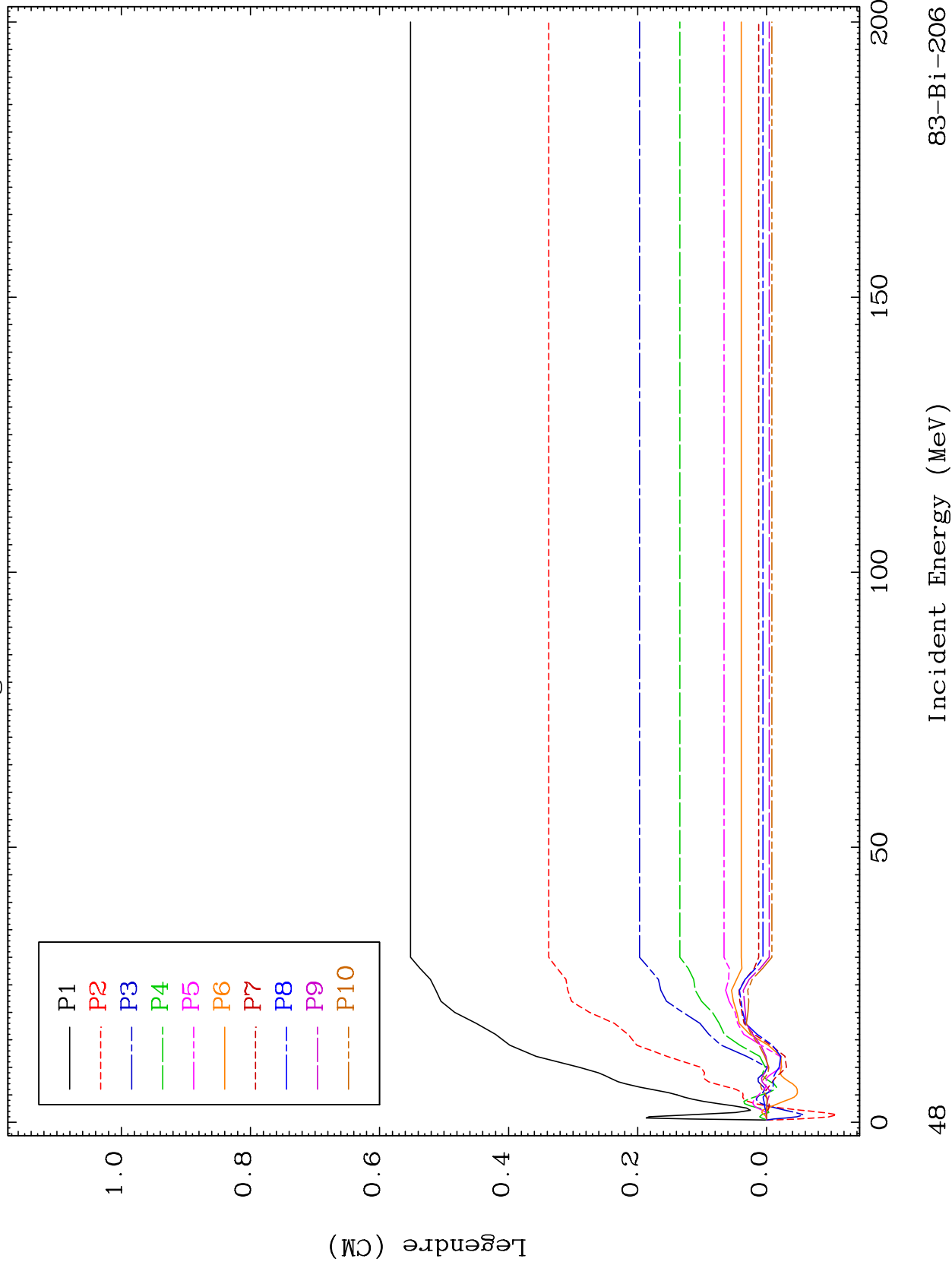
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



48

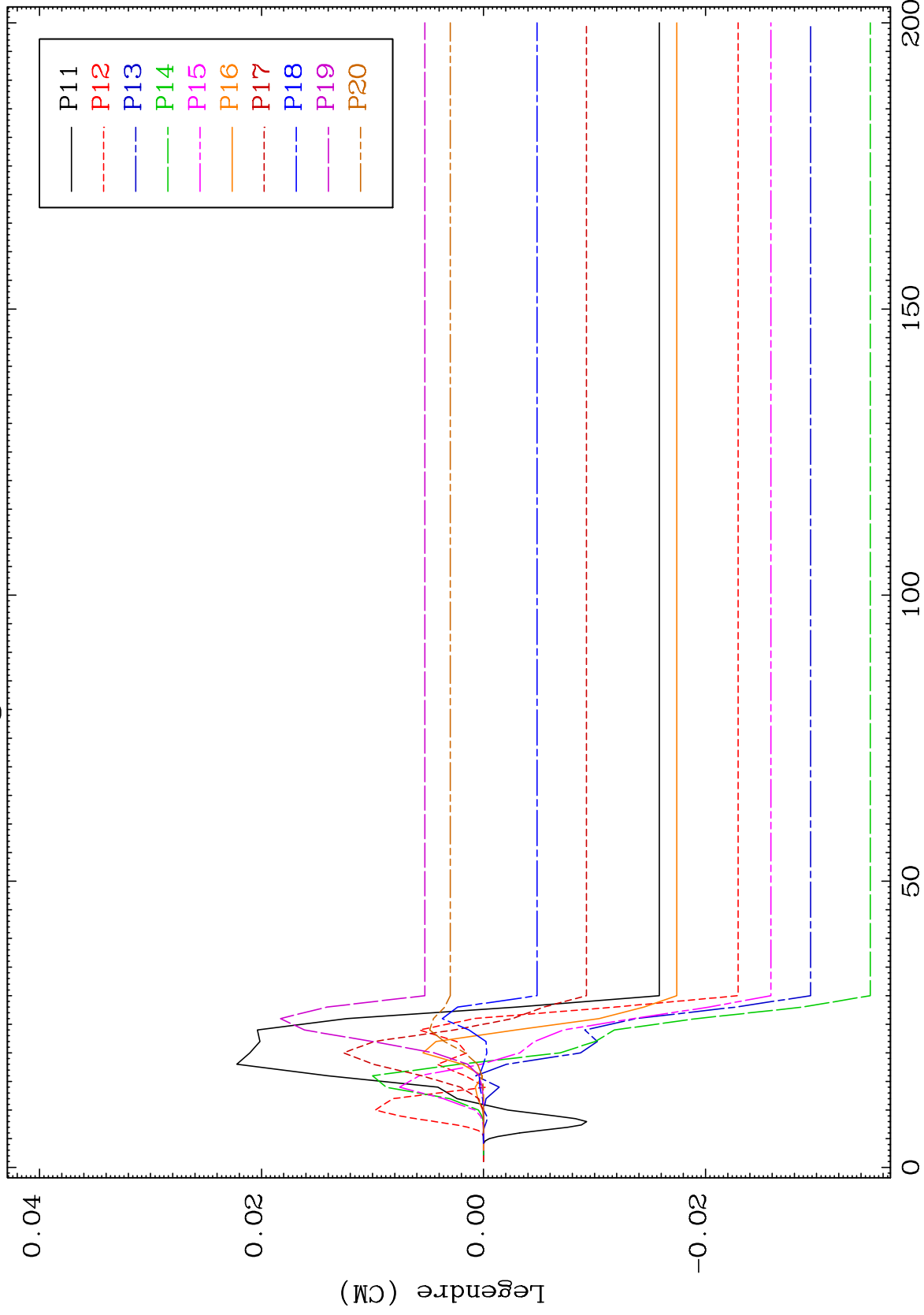
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



49

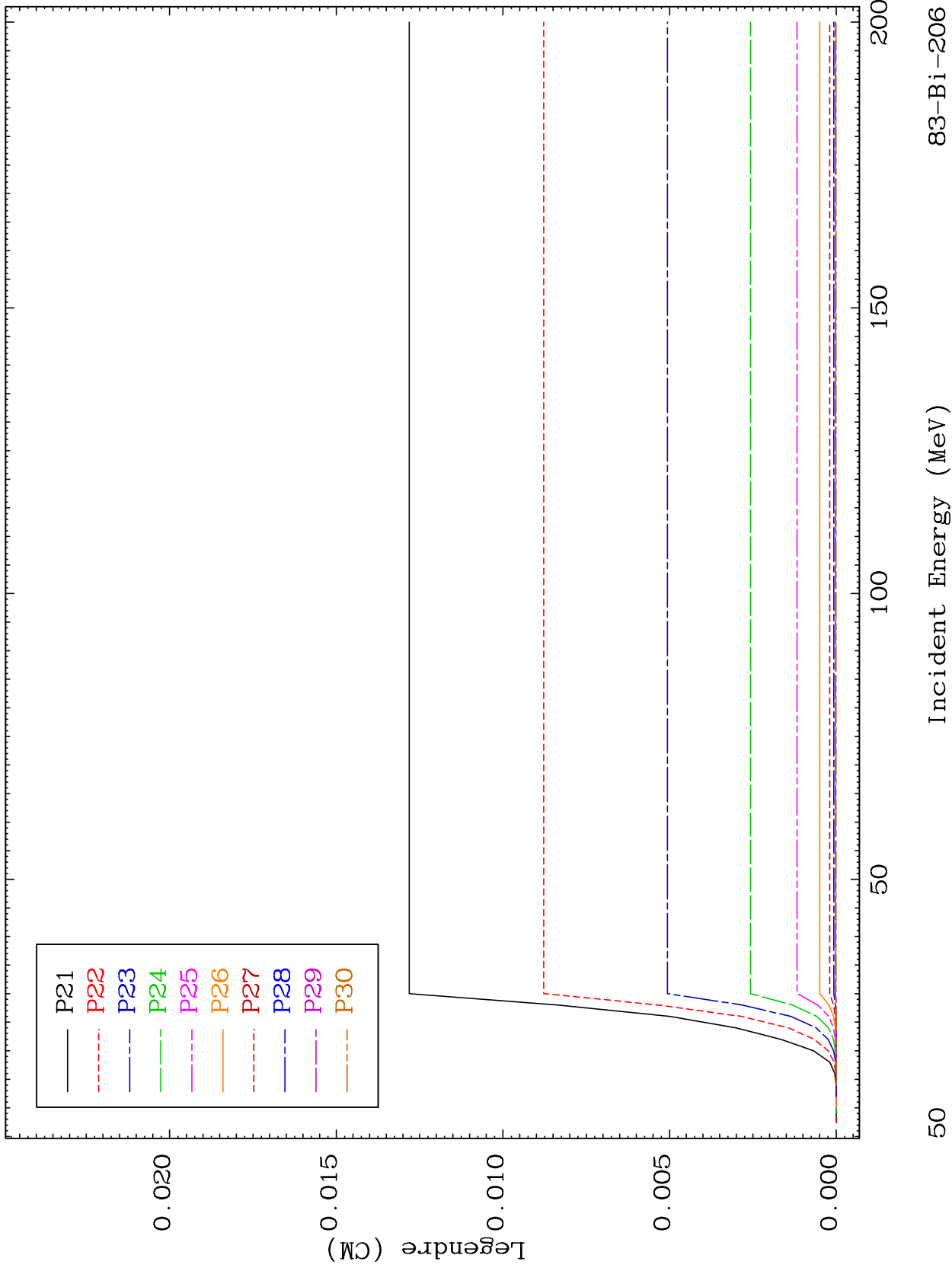
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

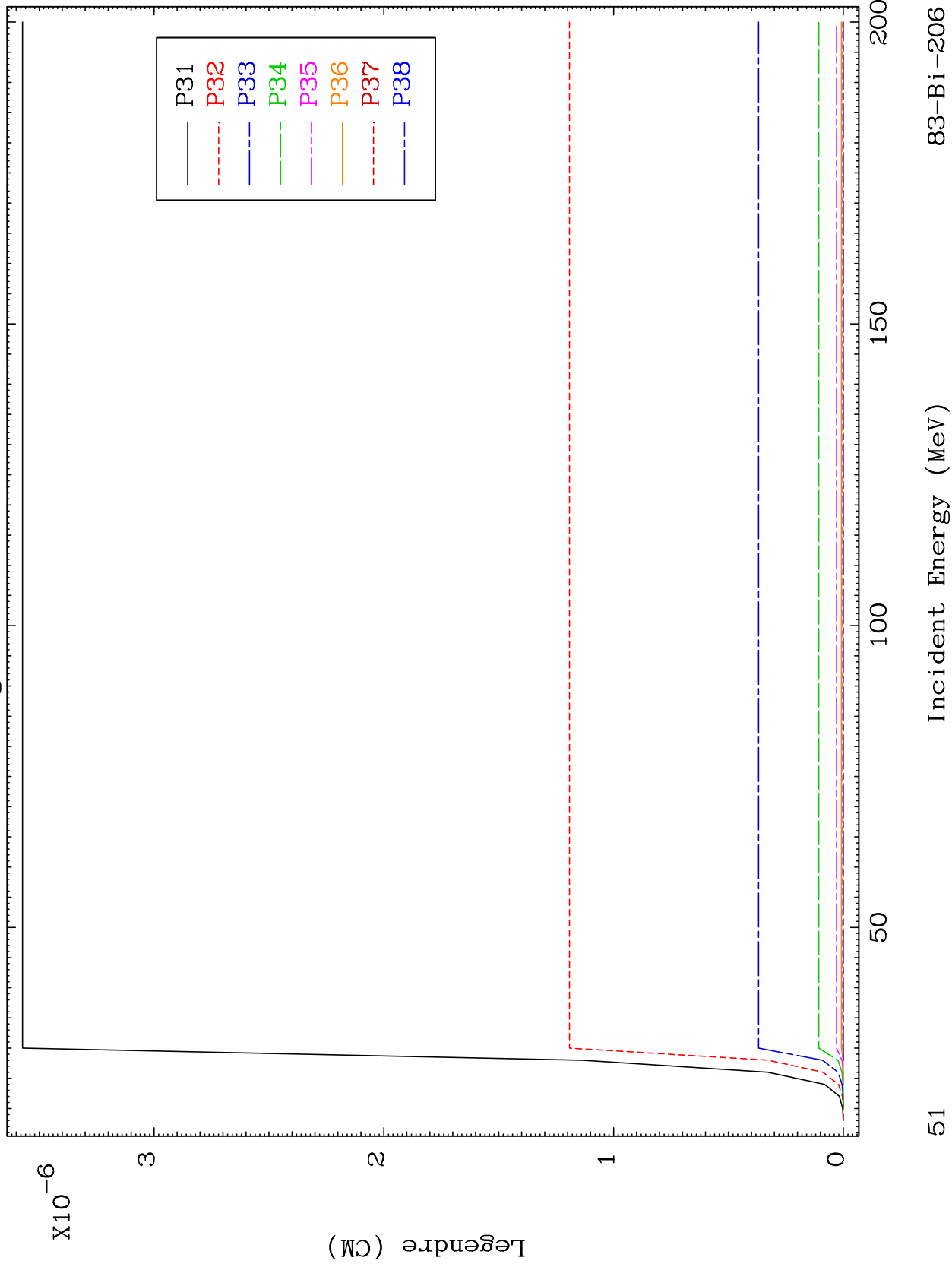
Incident Energy (MeV)

50

MAT 8316

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

83-Bi-206



51

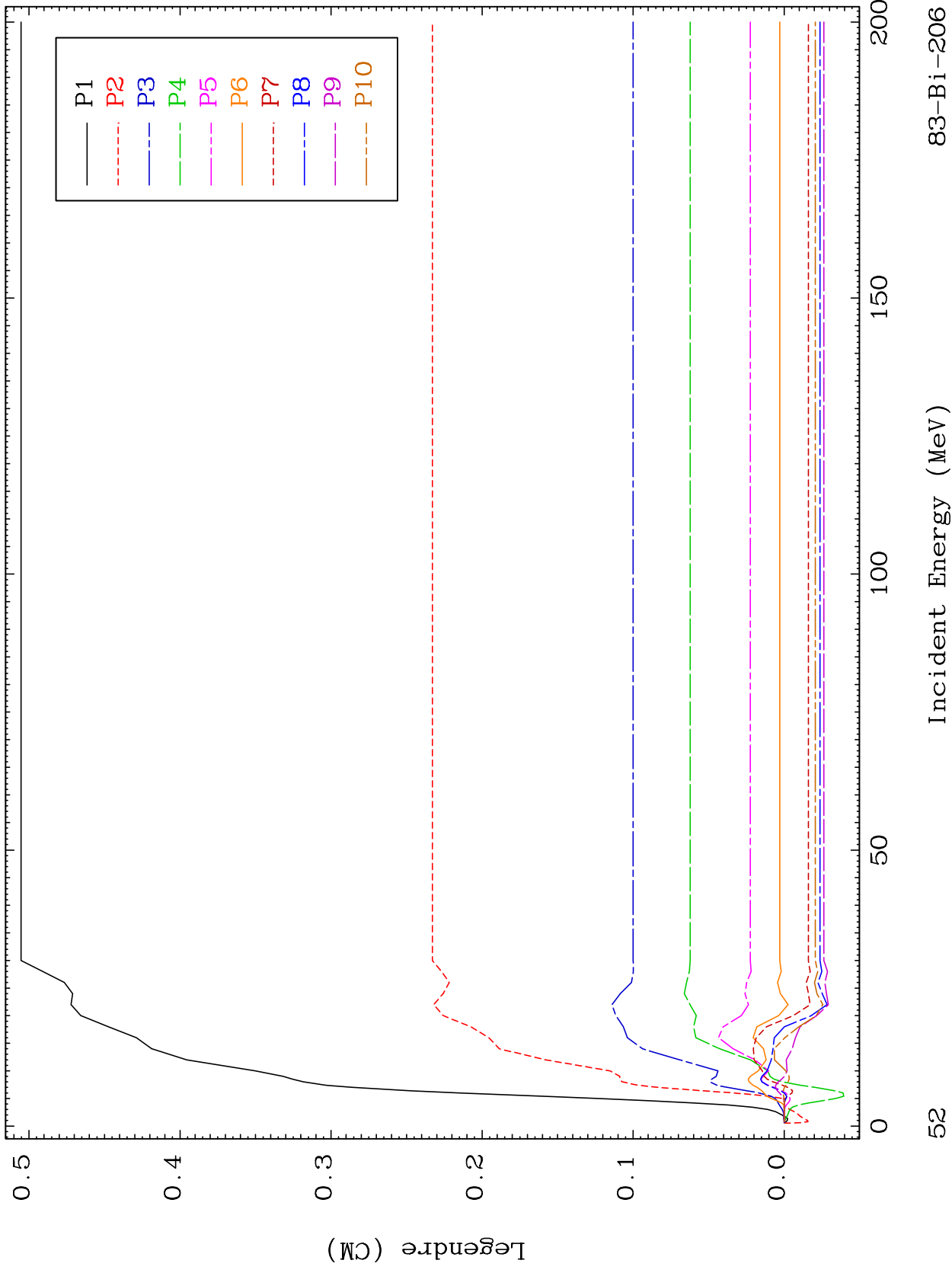
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

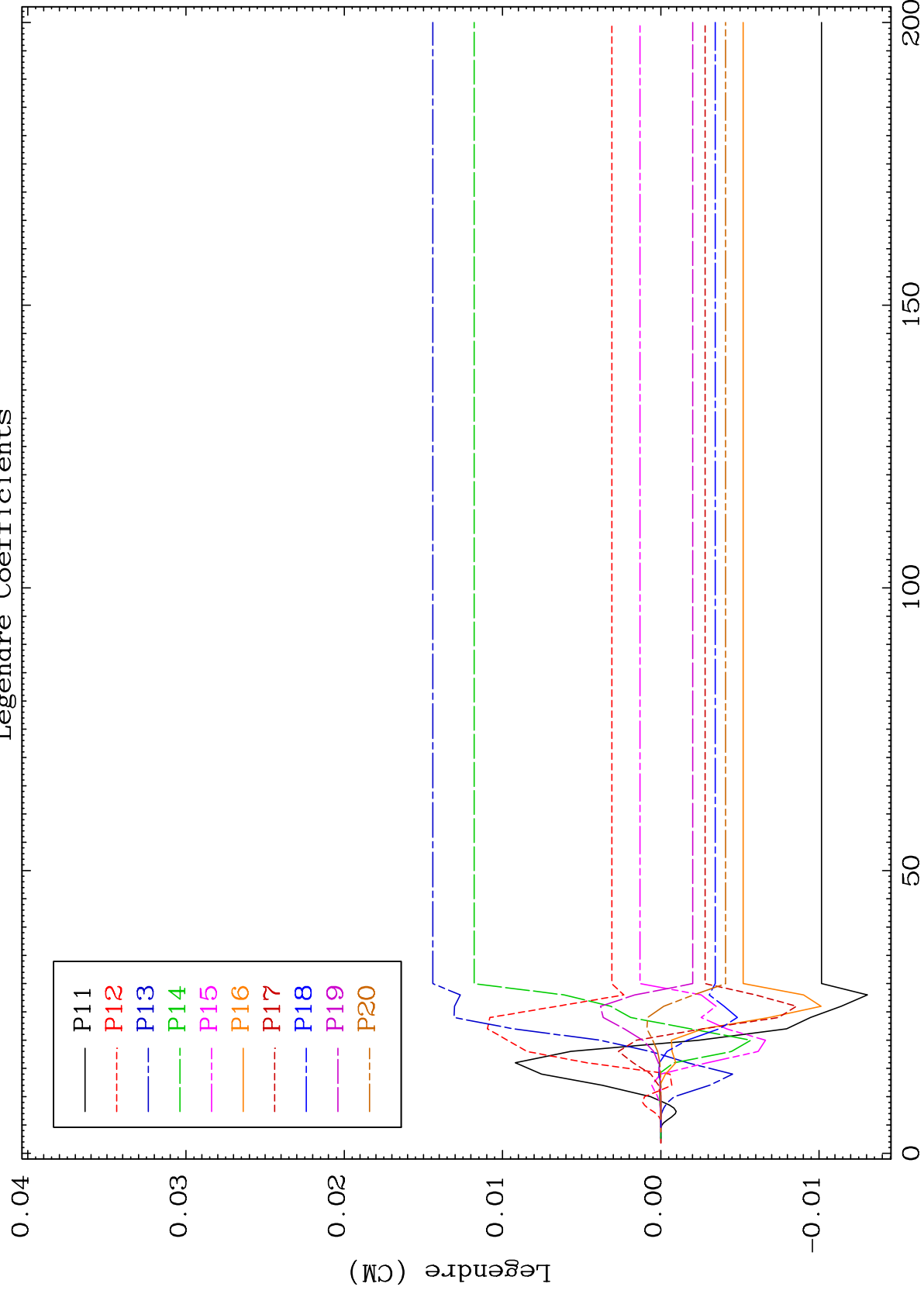
Incident Energy (MeV)

52

MAT 8316

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

83-Bi-206



53

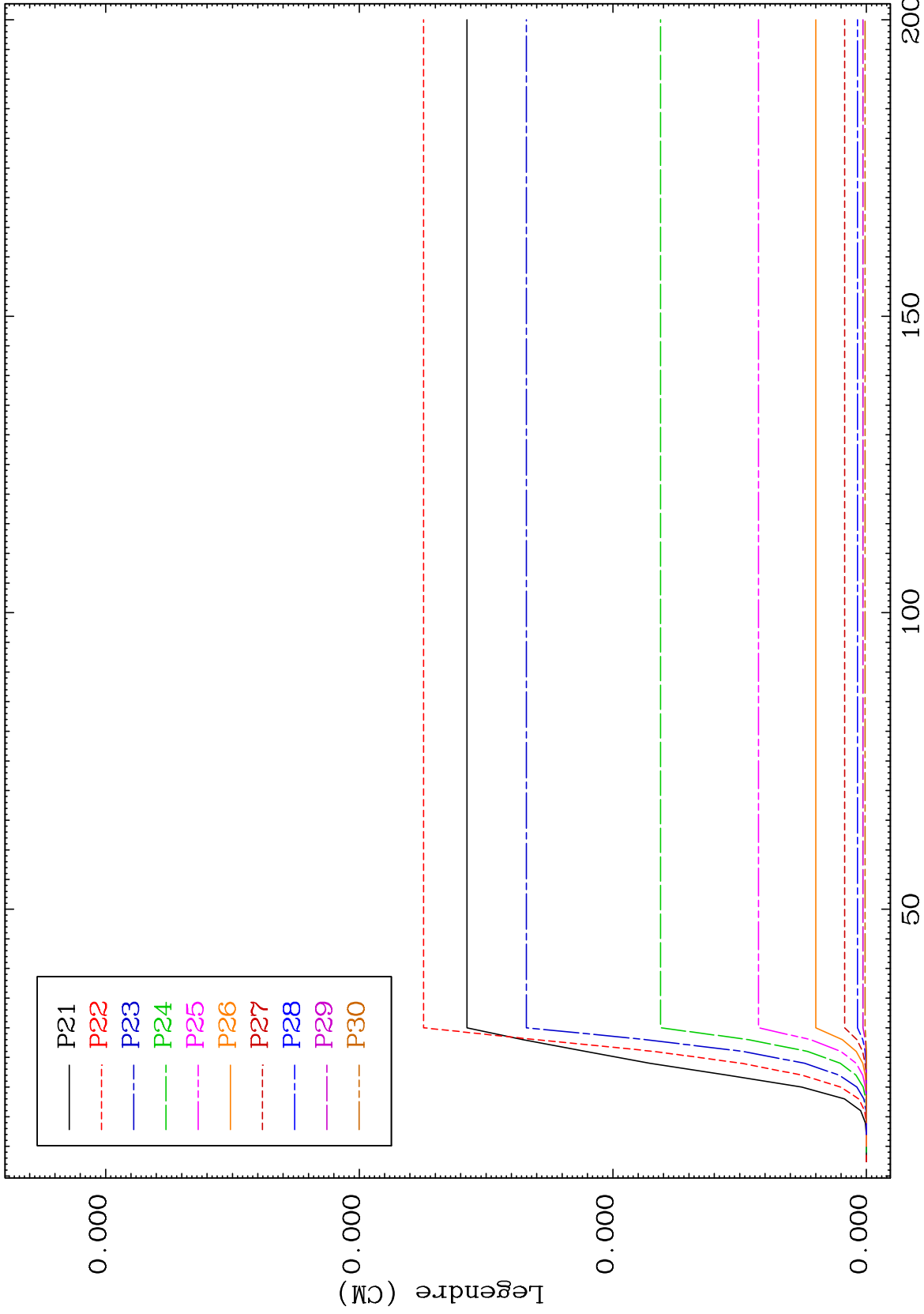
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



54

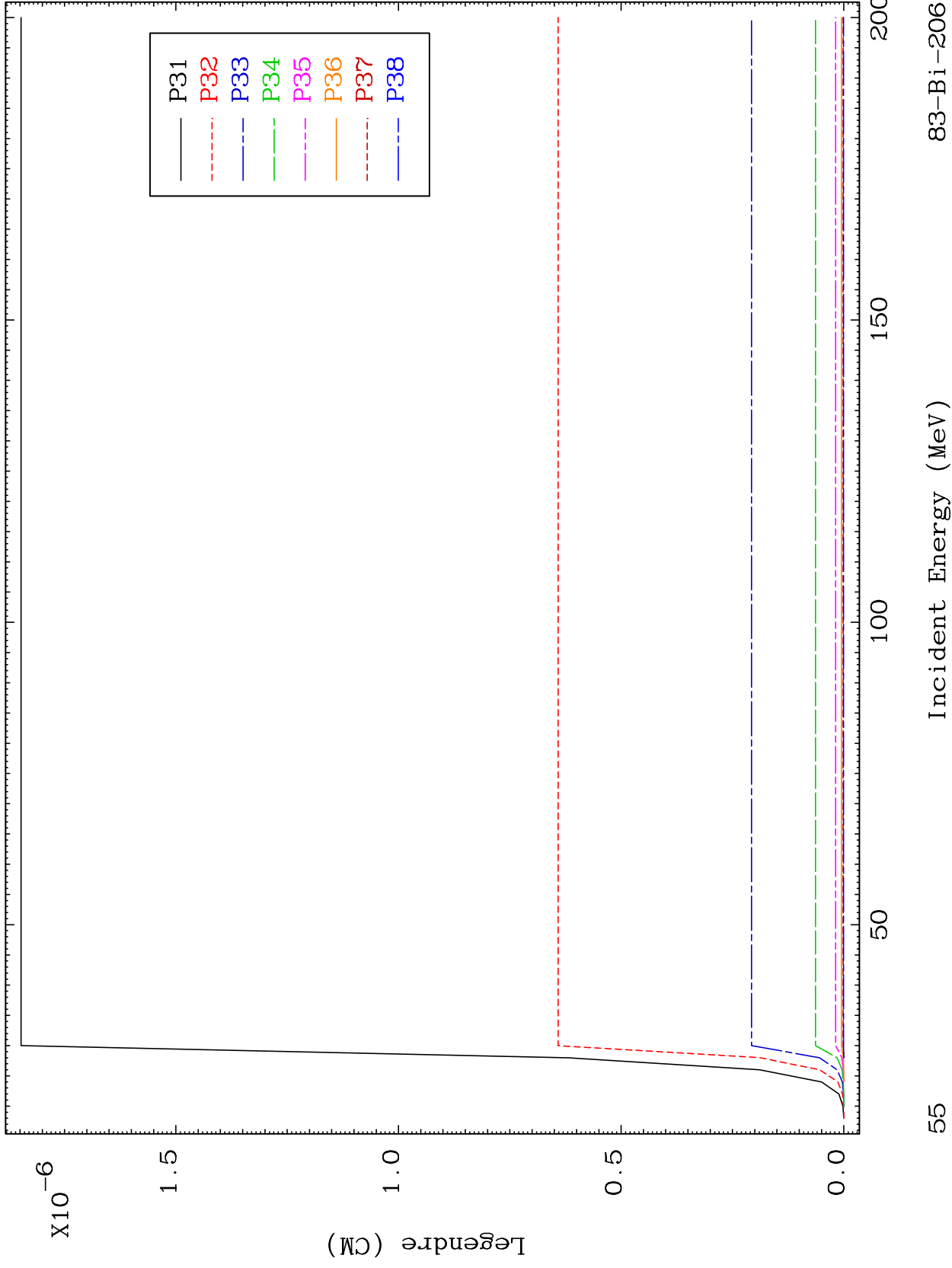
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



55

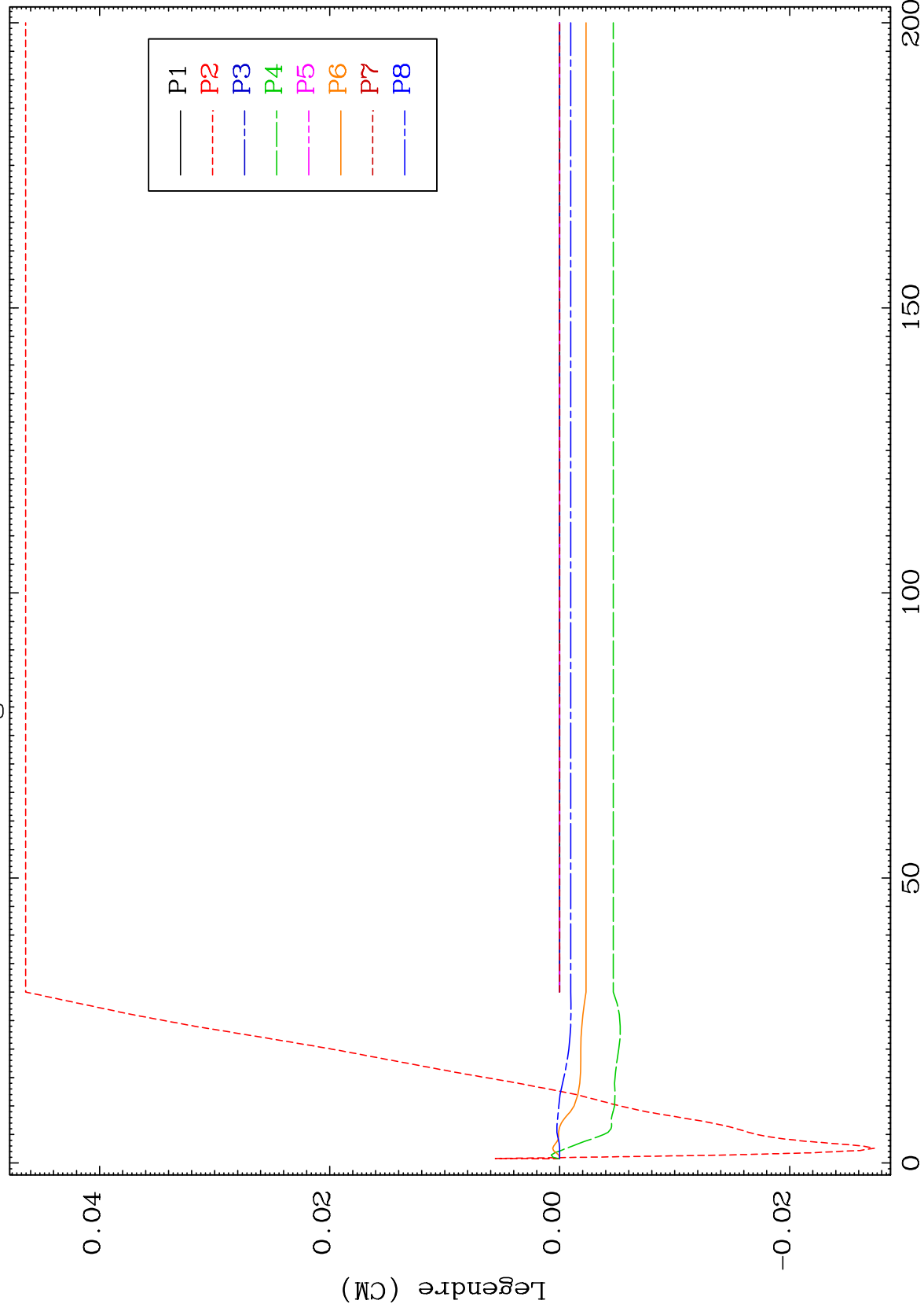
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

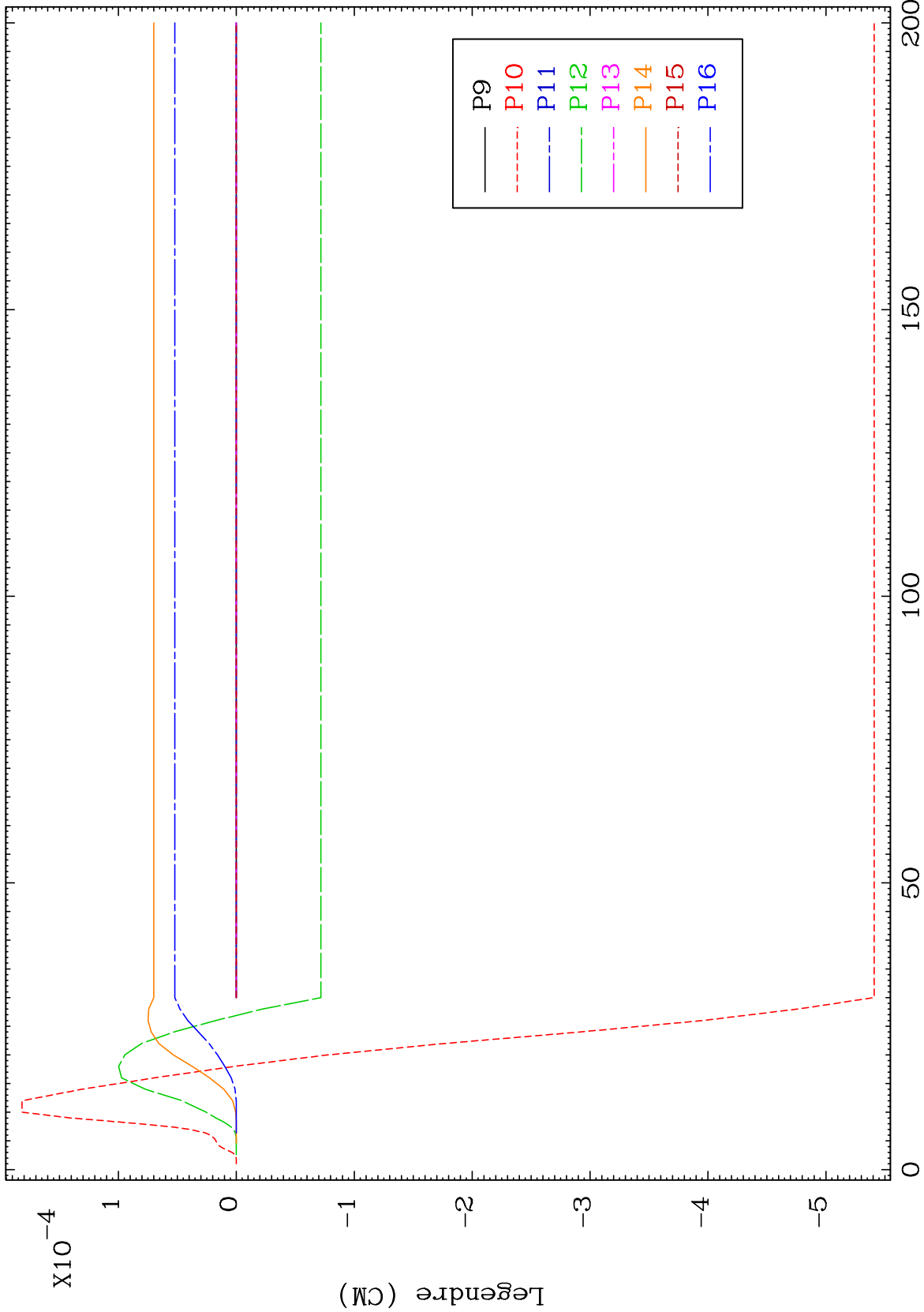
Incident Energy (MeV)

56

MAT 8316

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

83-Bi-206



57

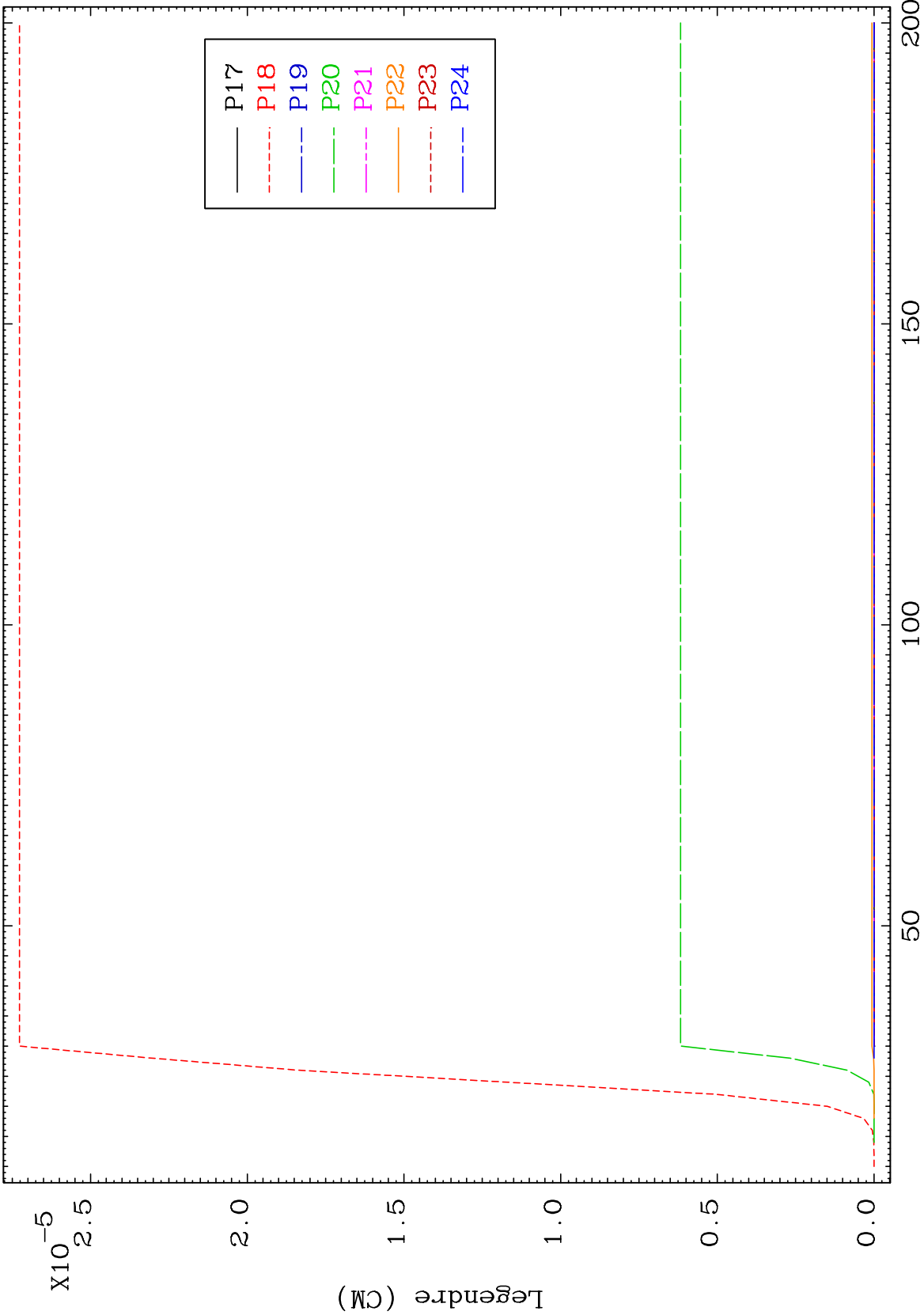
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

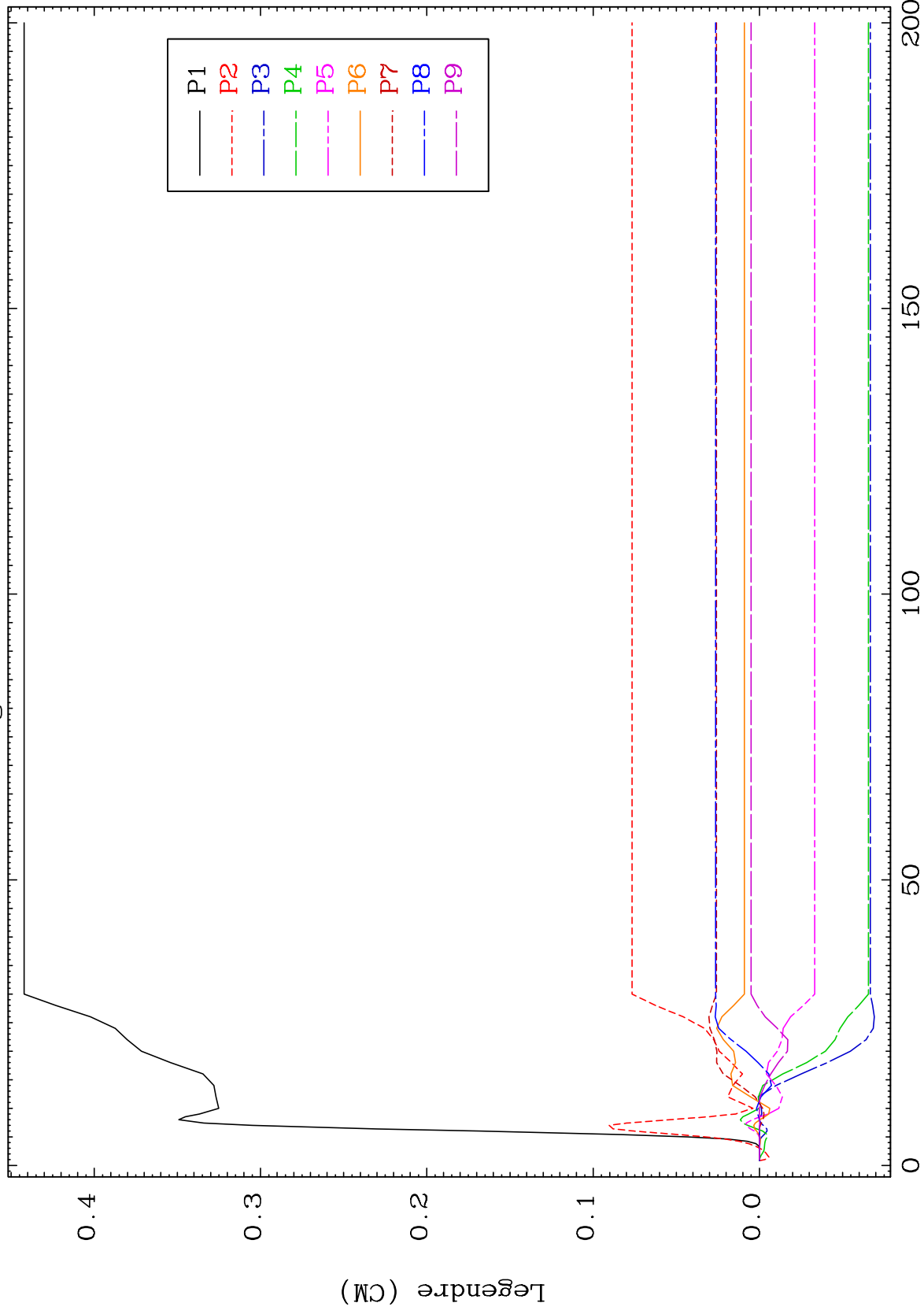
Incident Energy (MeV)

58

MAT 8316

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

83-Bi-206



59

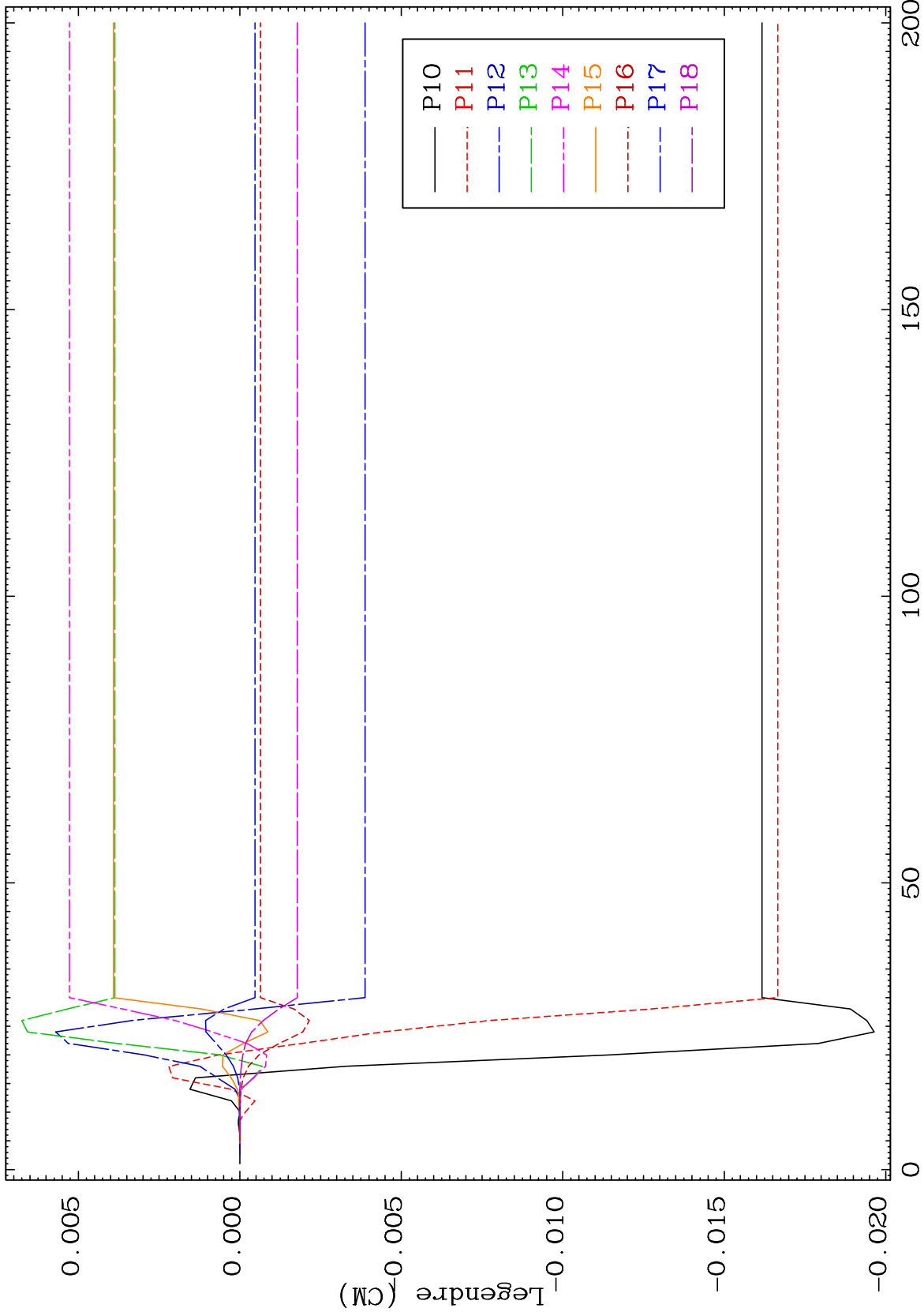
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

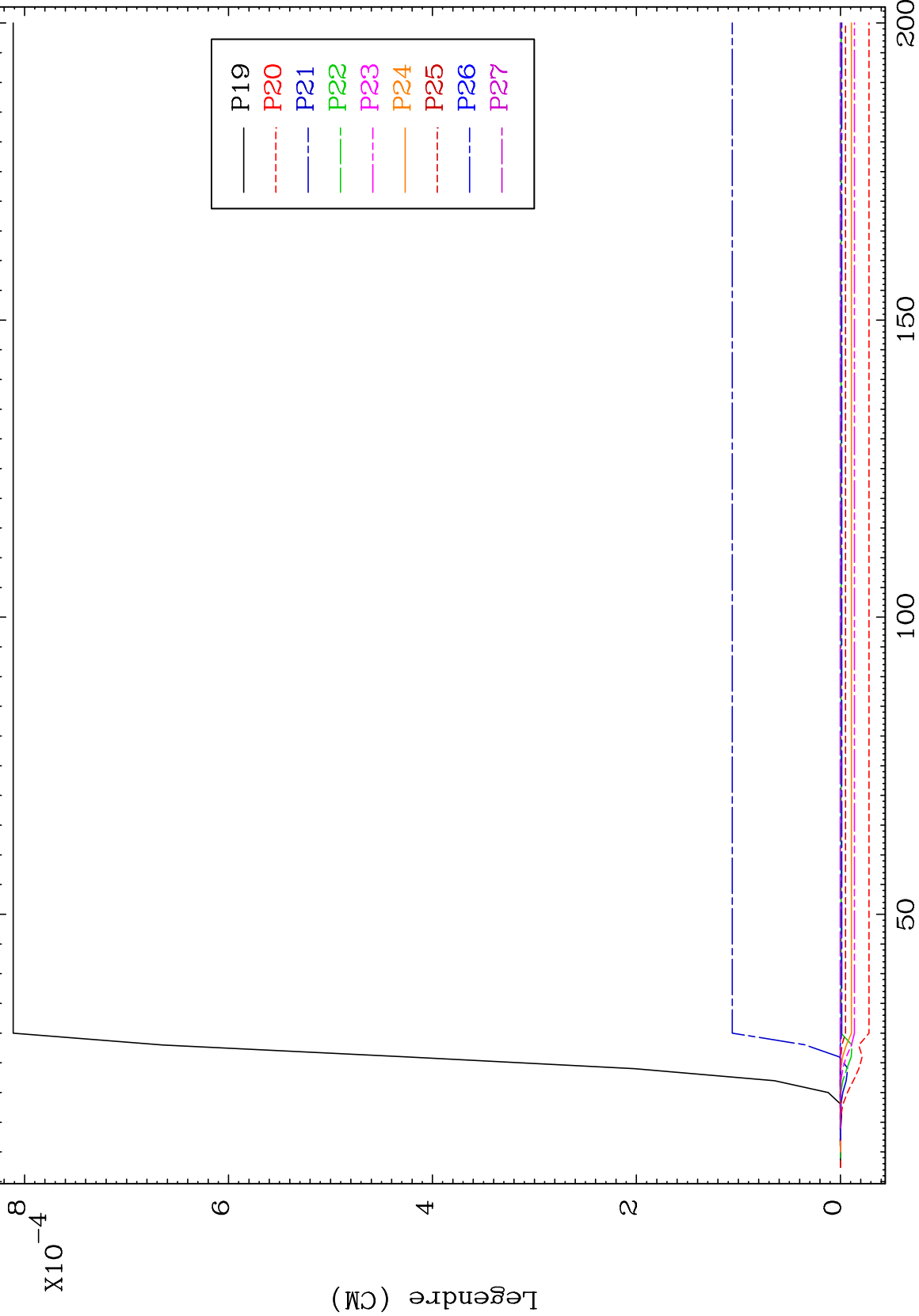
Incident Energy (MeV)

60

MAT 8316

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

83-Bi-206



61

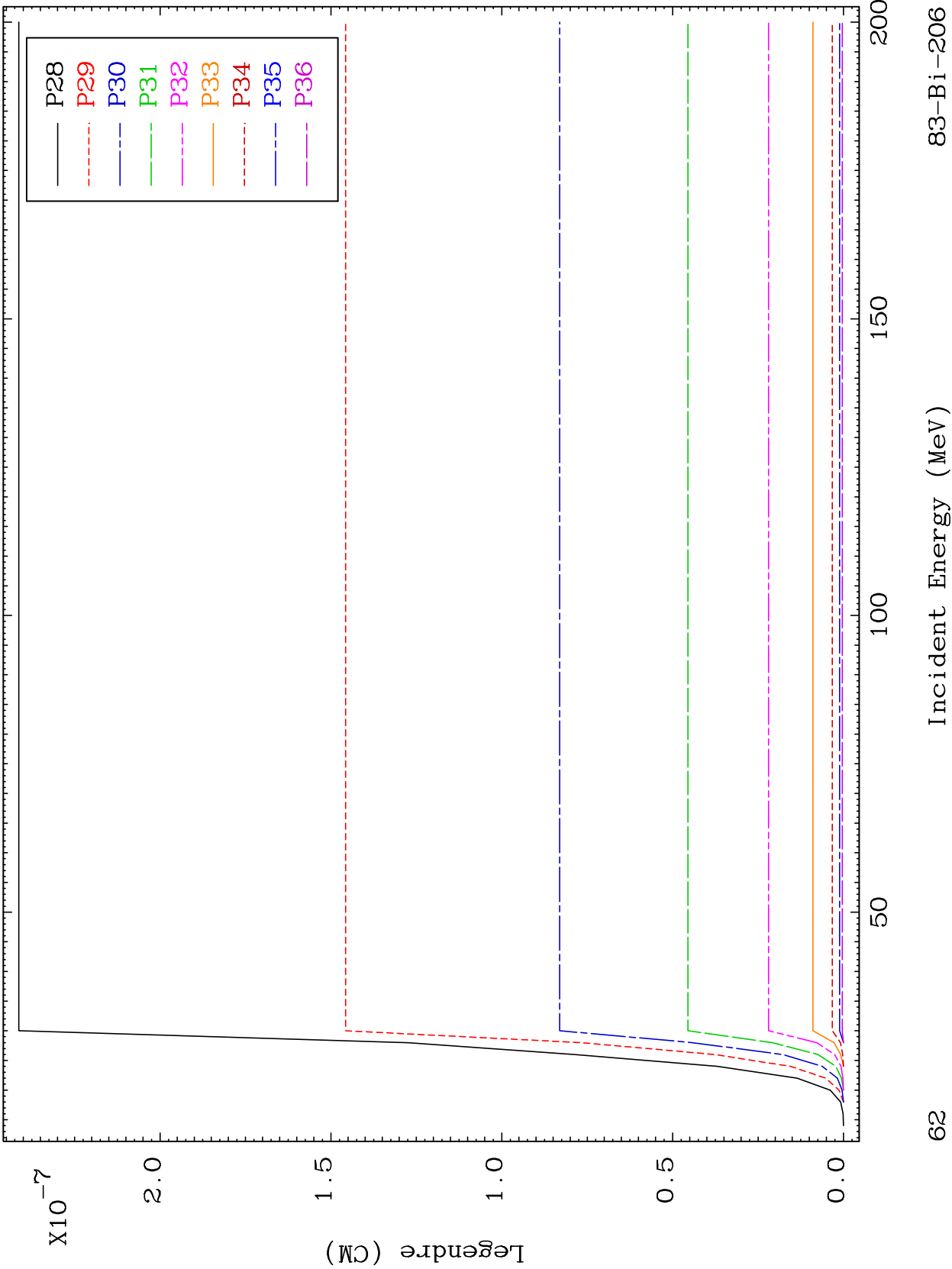
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206

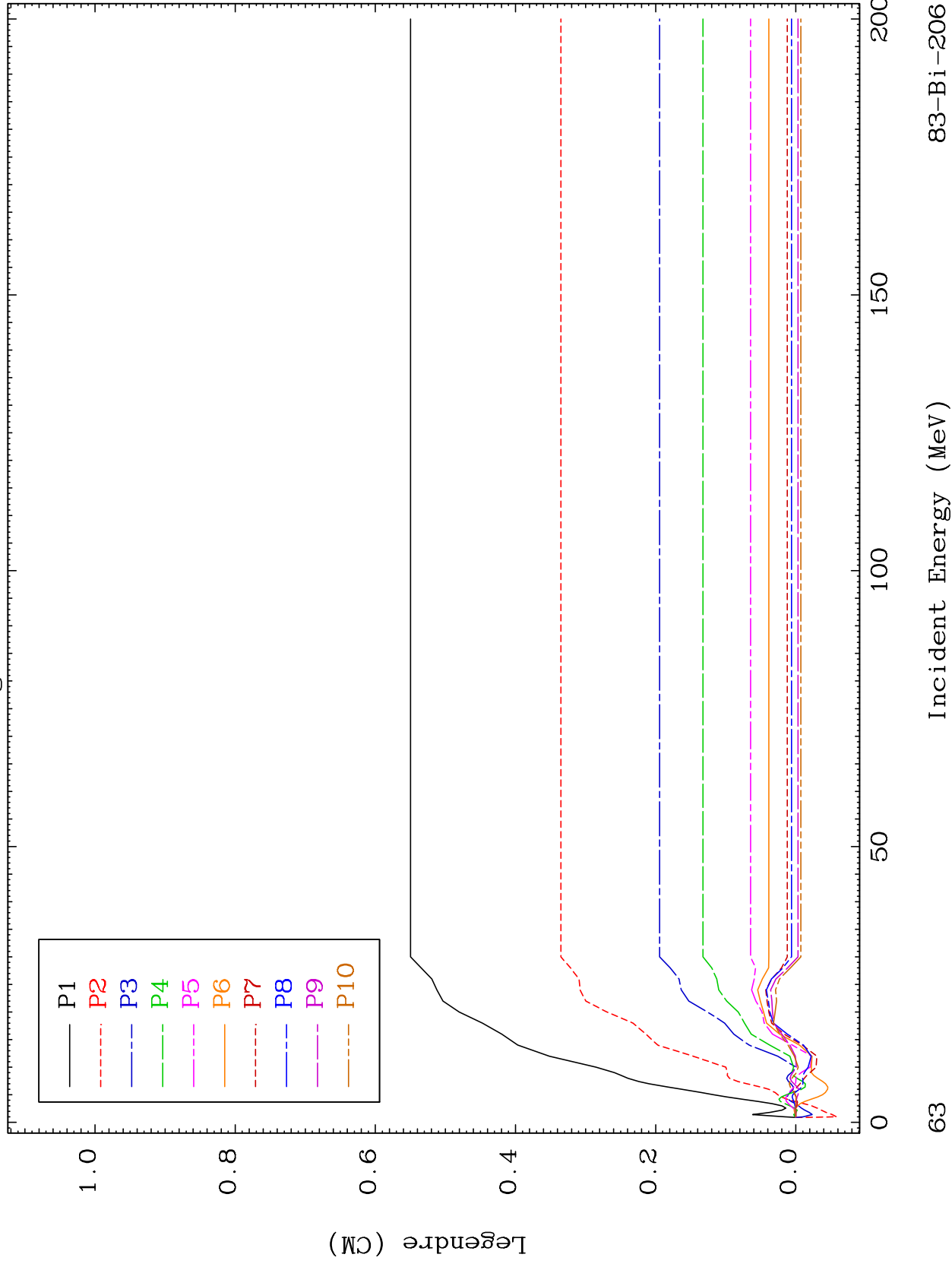


62

MAT 8316

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

83-Bi-206



83-Bi-206

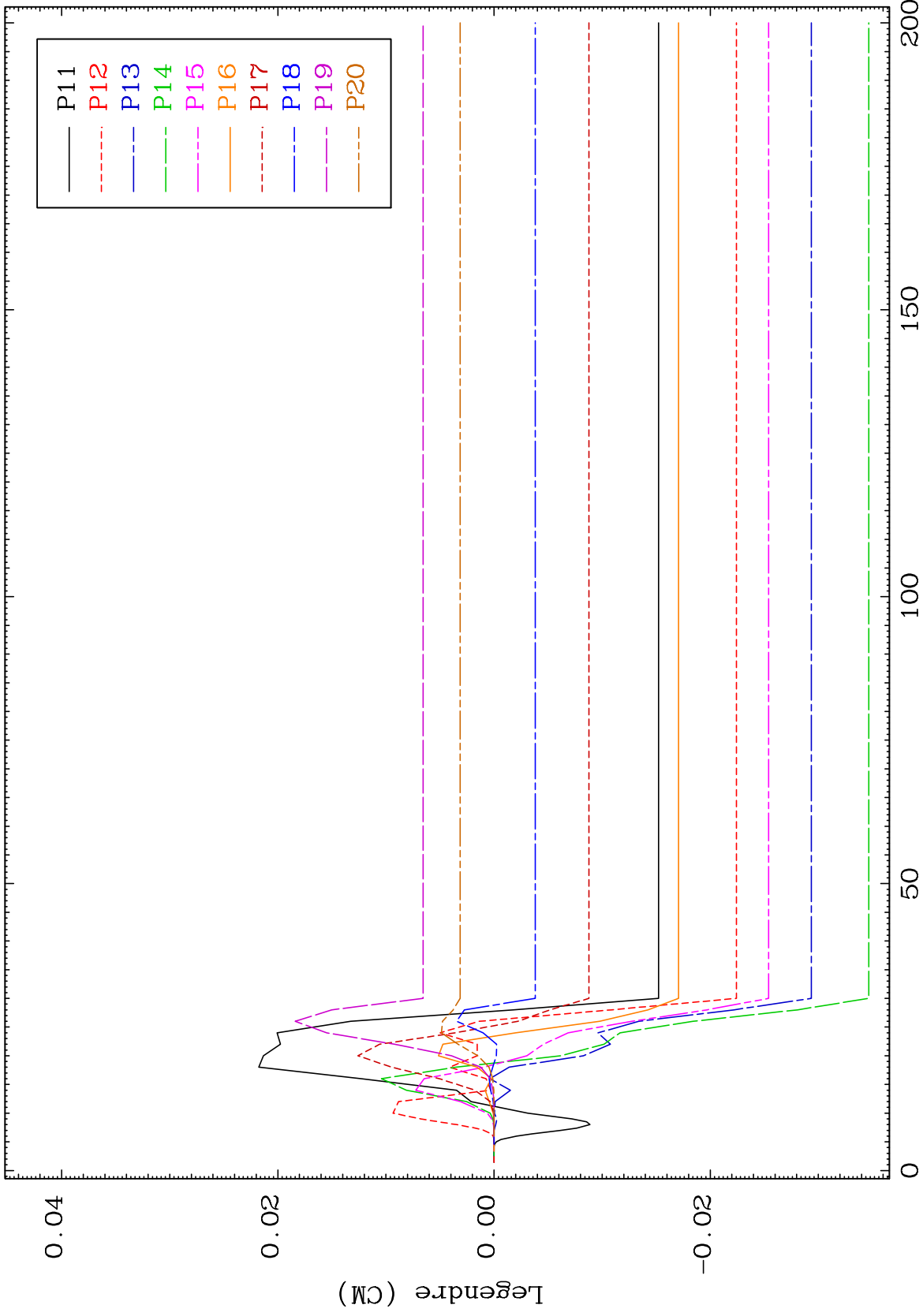
Incident Energy (MeV)

63

MAT 8316

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

83-Bi-206



64

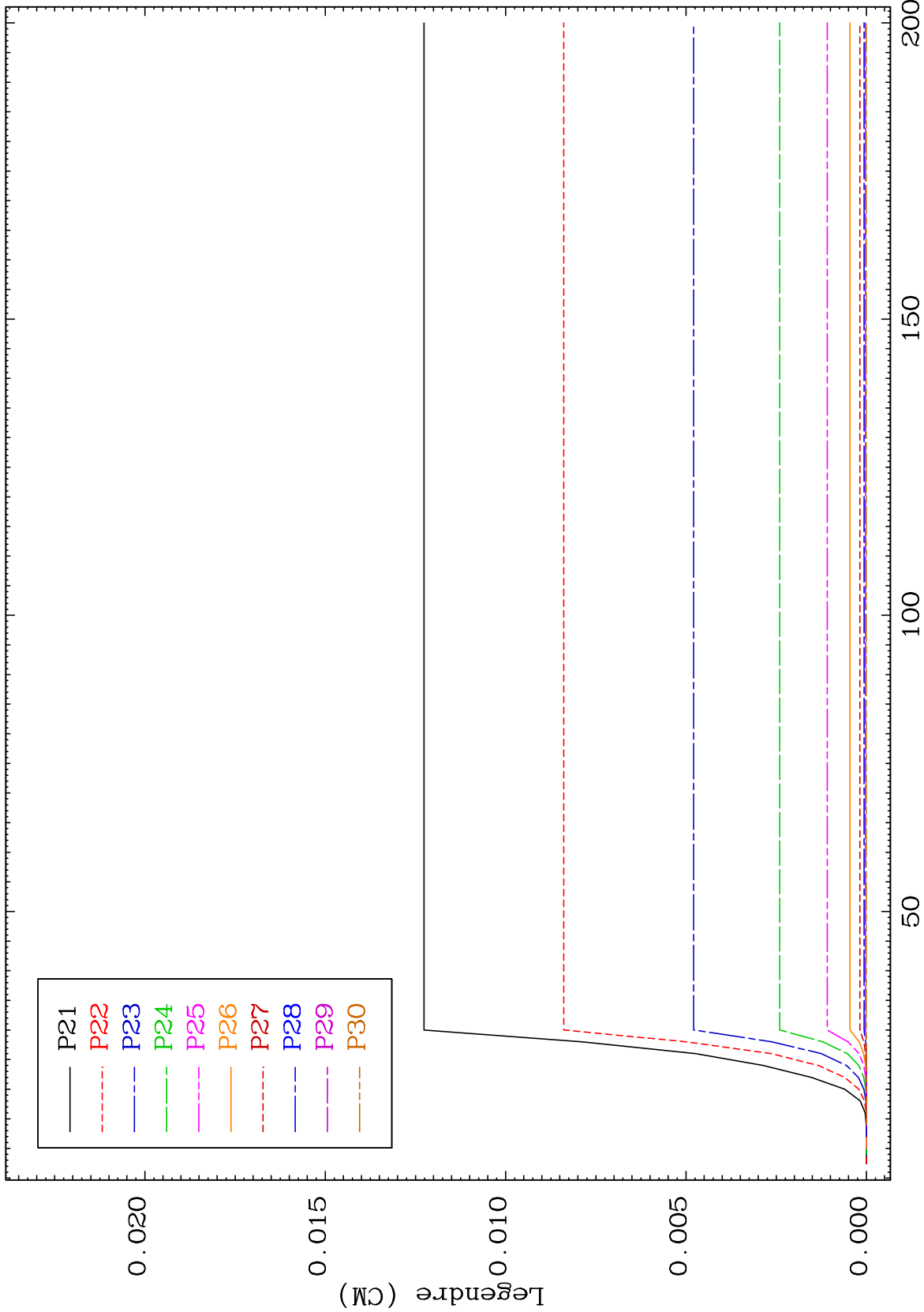
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



65

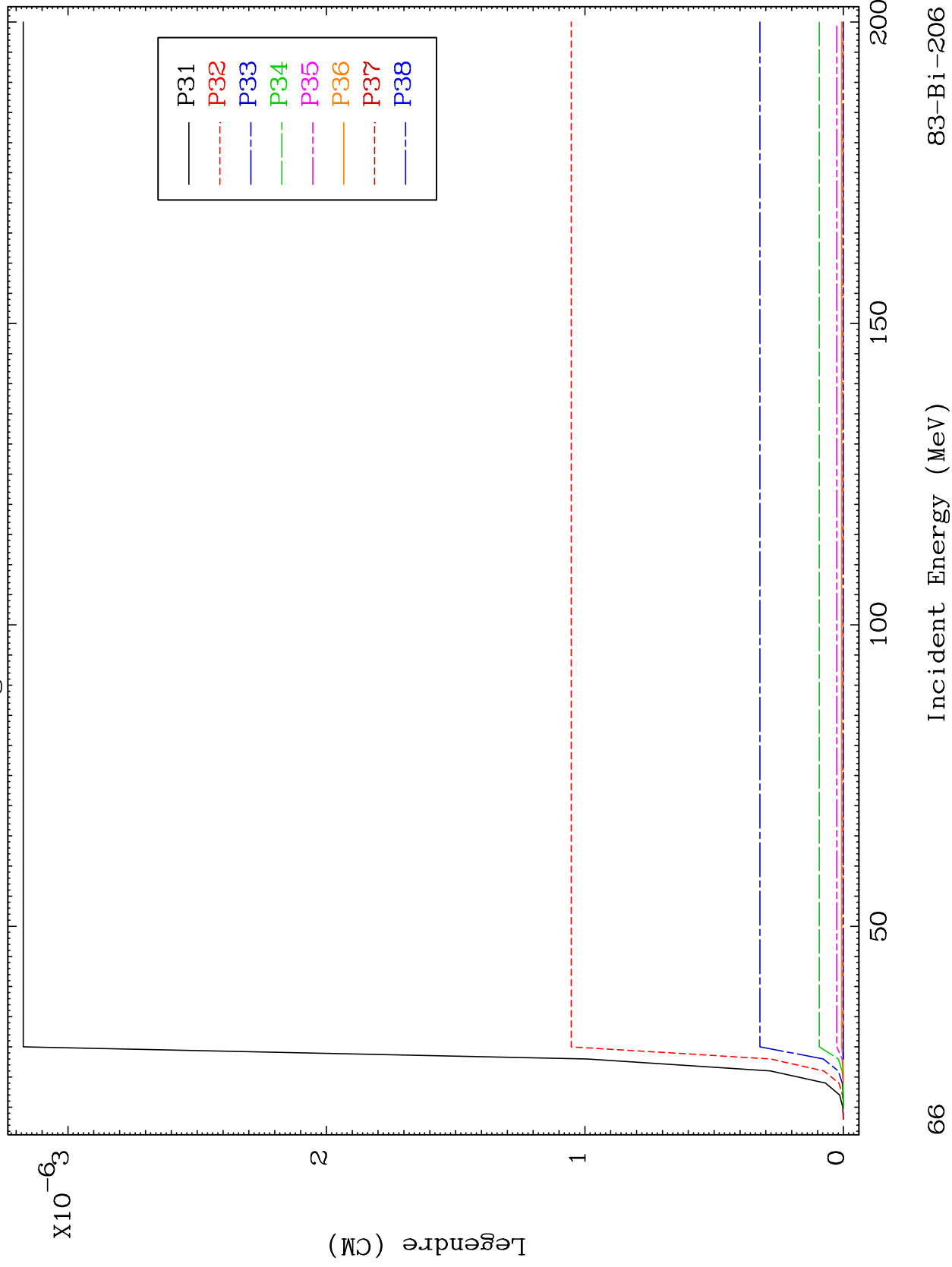
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

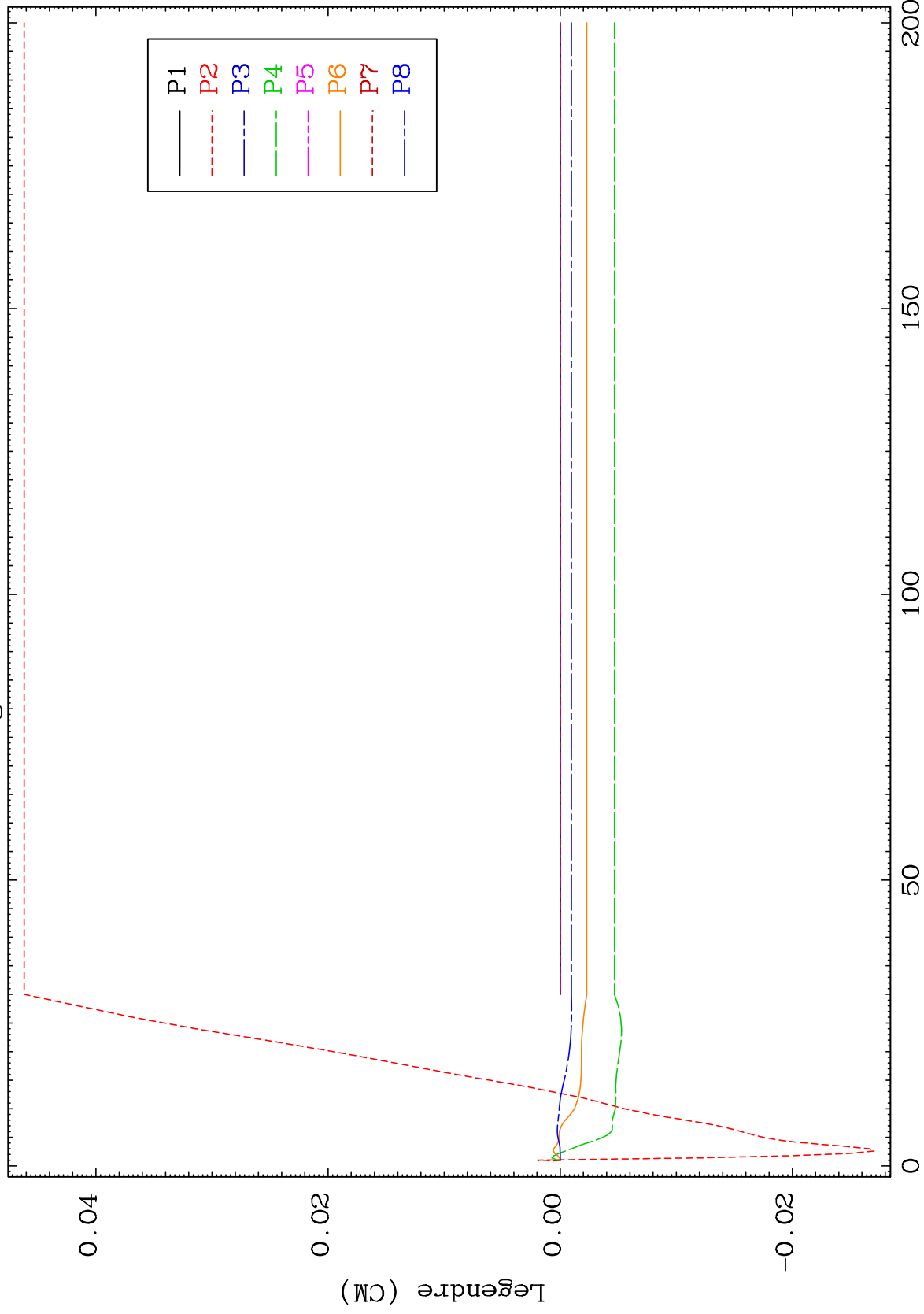
83-Bi-206



MAT 8316

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

83-Bi-206



83-Bi-206

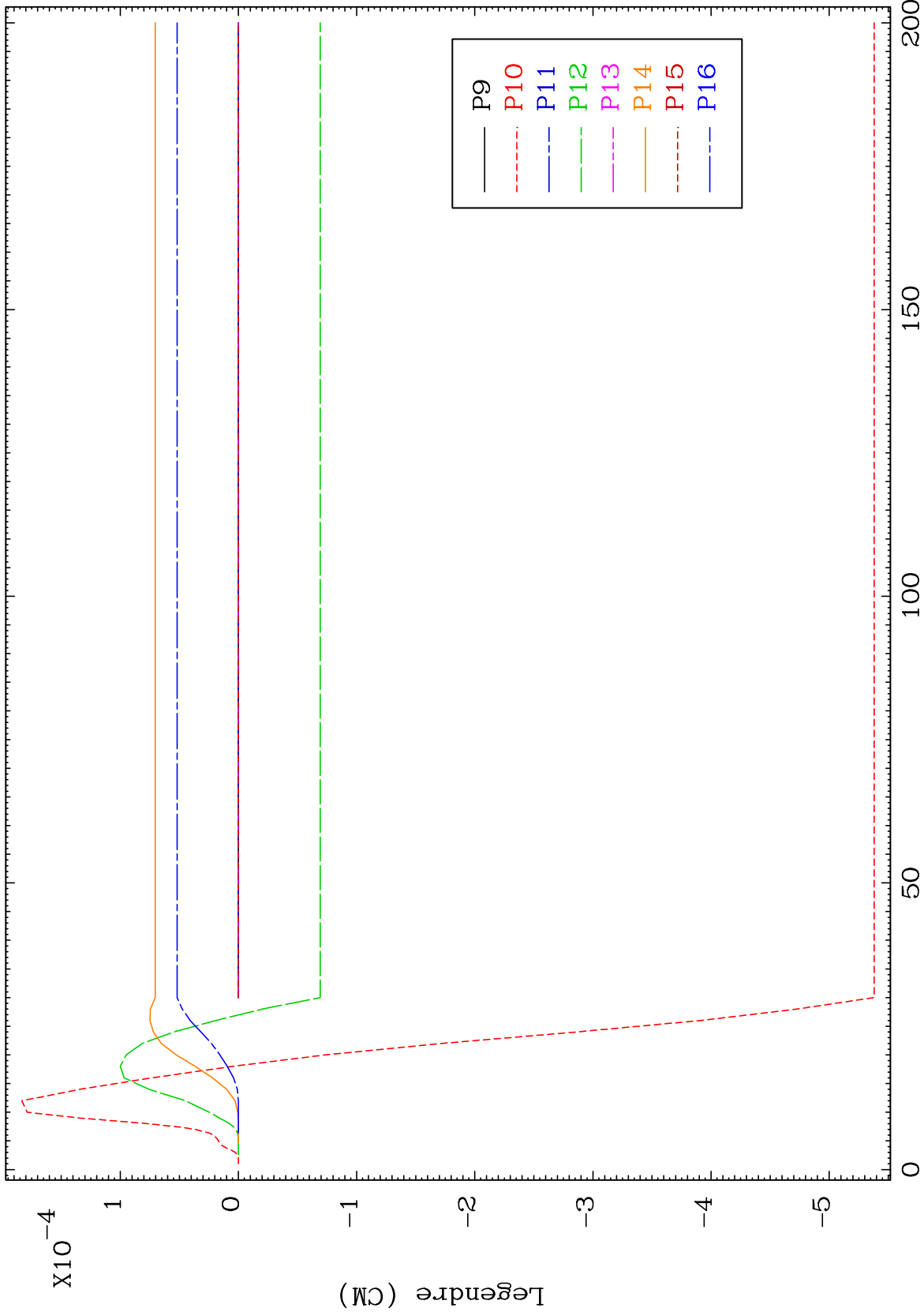
Incident Energy (MeV)

67

MAT 8316

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

83-Bi-206



68

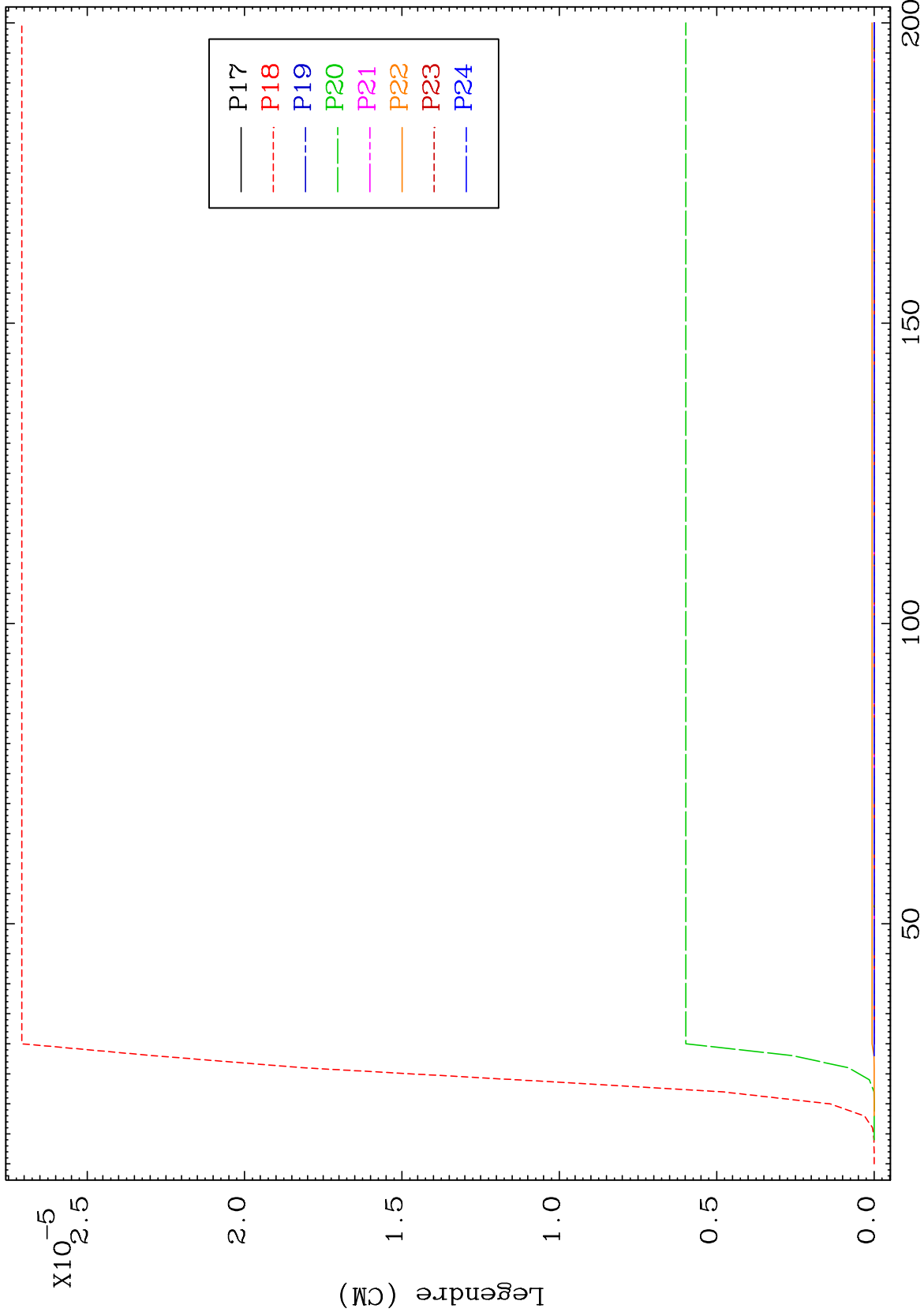
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



69

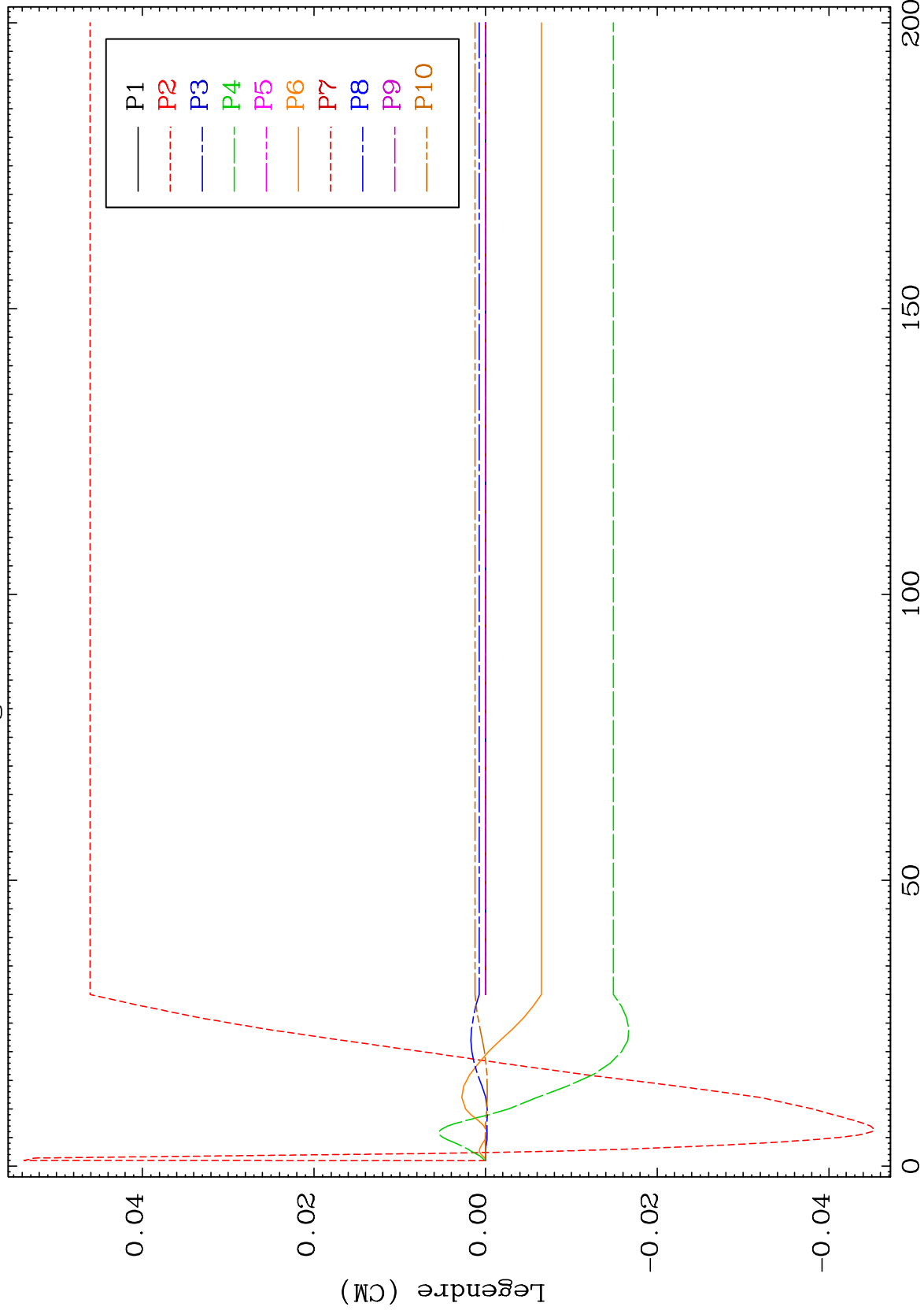
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

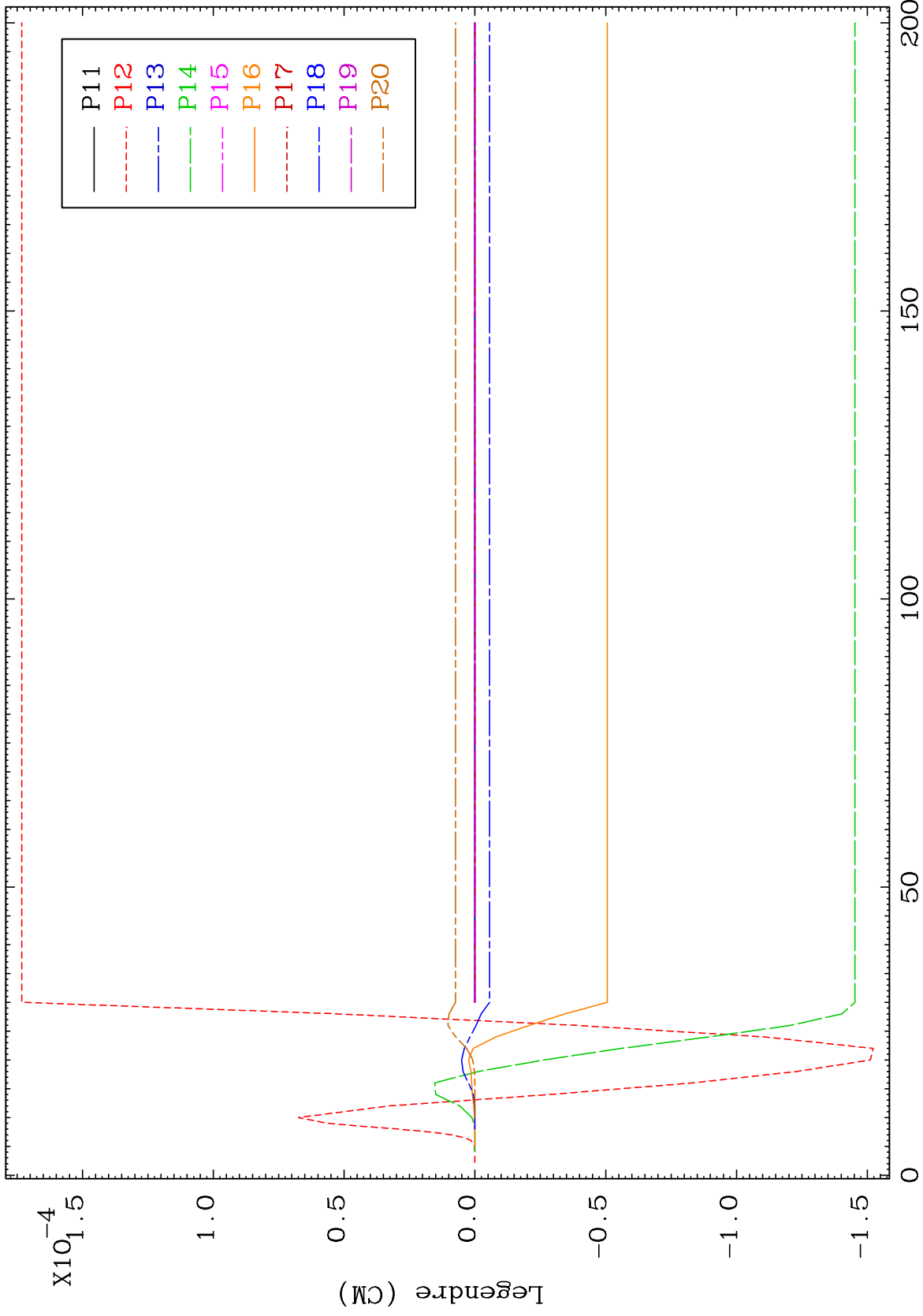
Incident Energy (MeV)

70

MAT 8316

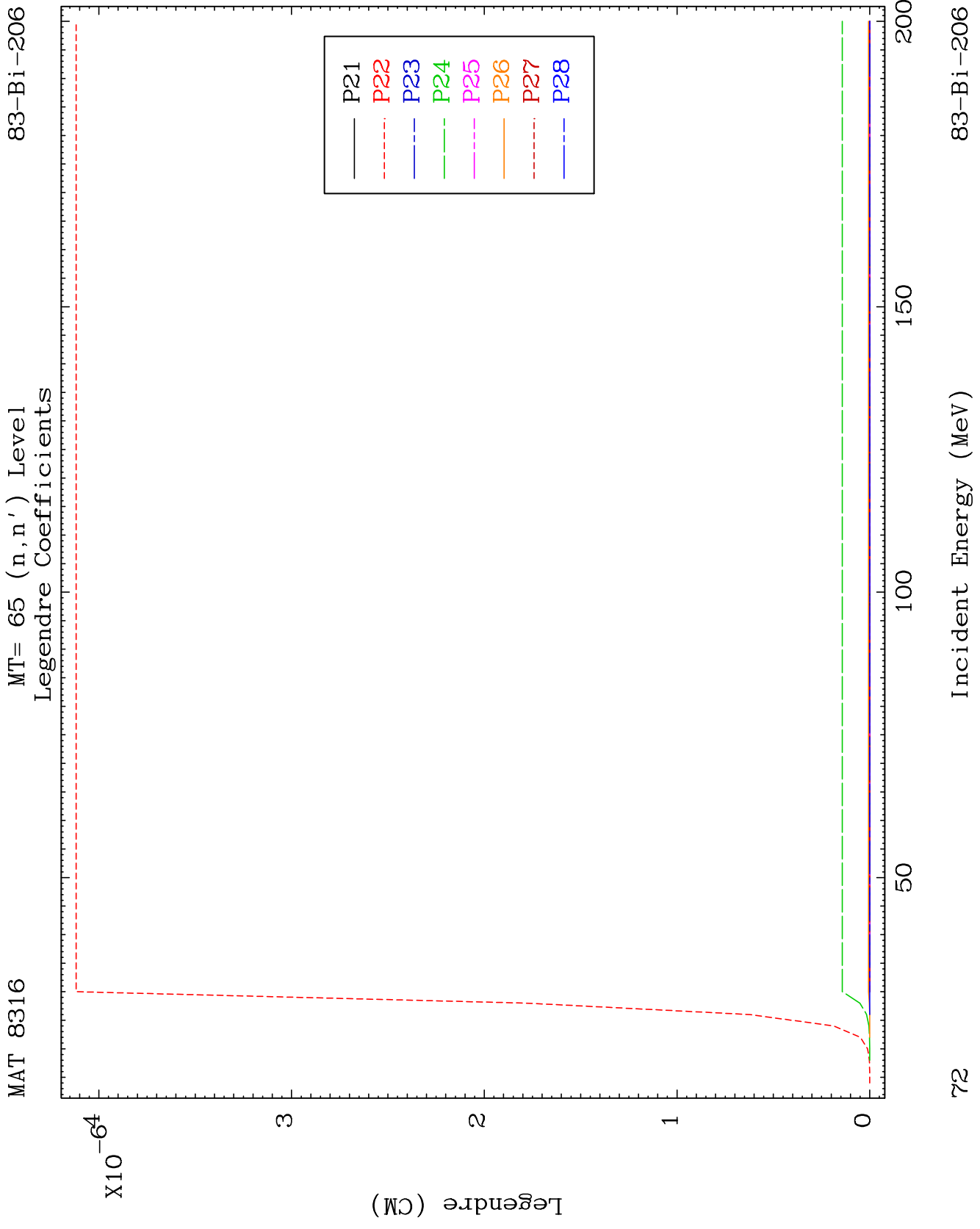
MT= 65 (n,n') Level
Legendre Coefficients

83-Bi-206



71

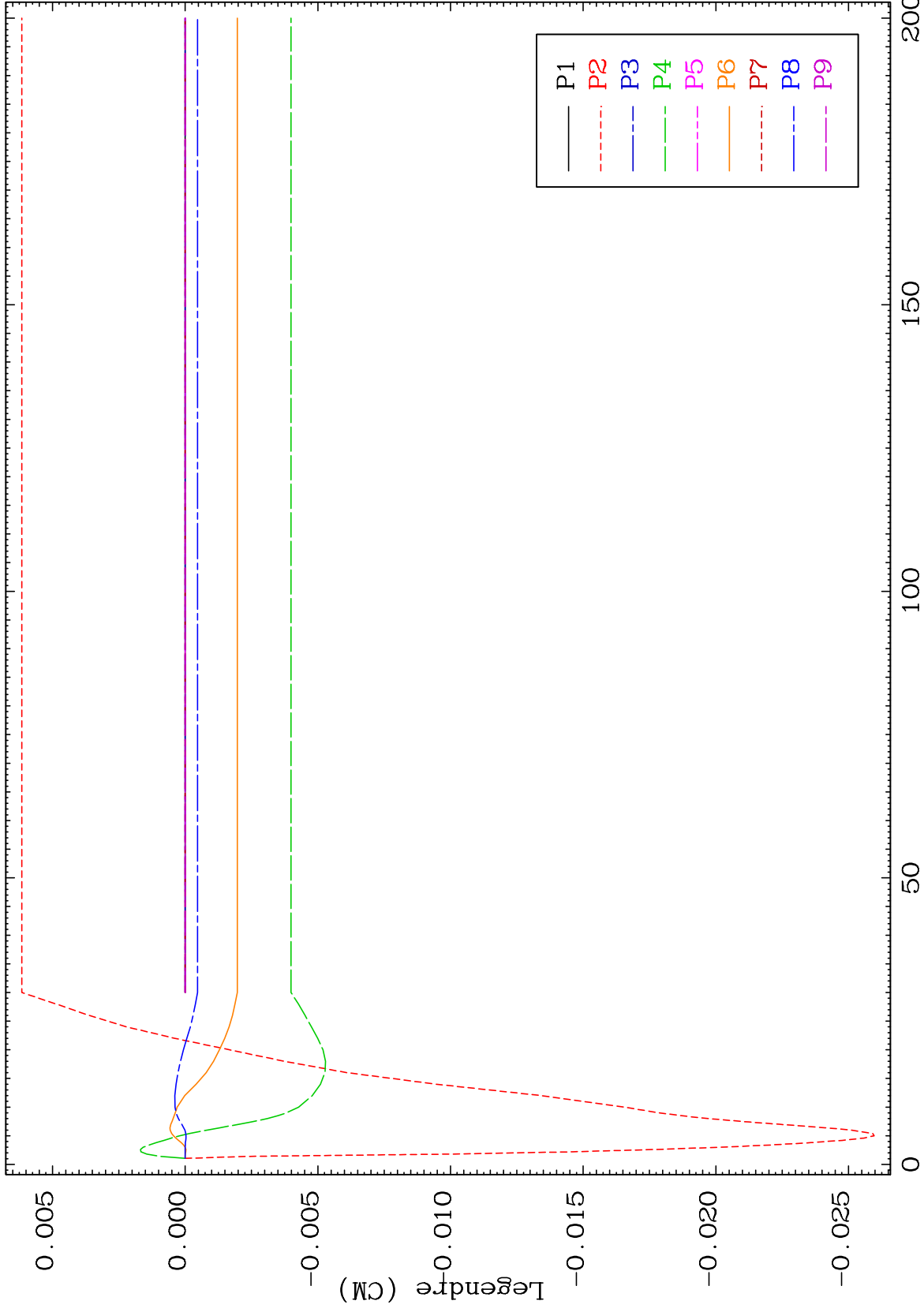
83-Bi-206



MAT 8316

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

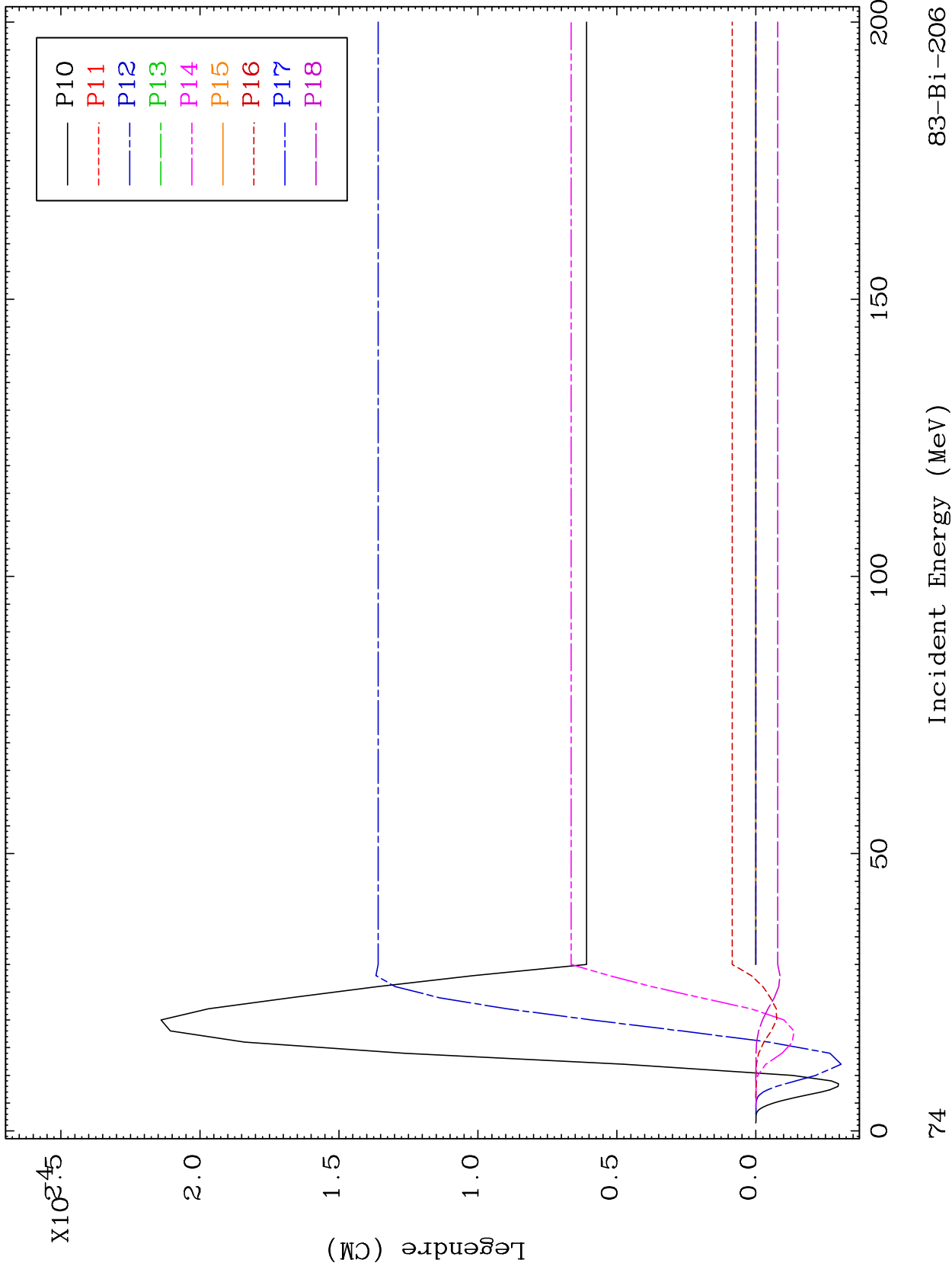
83-Bi-206



73

Incident Energy (MeV)

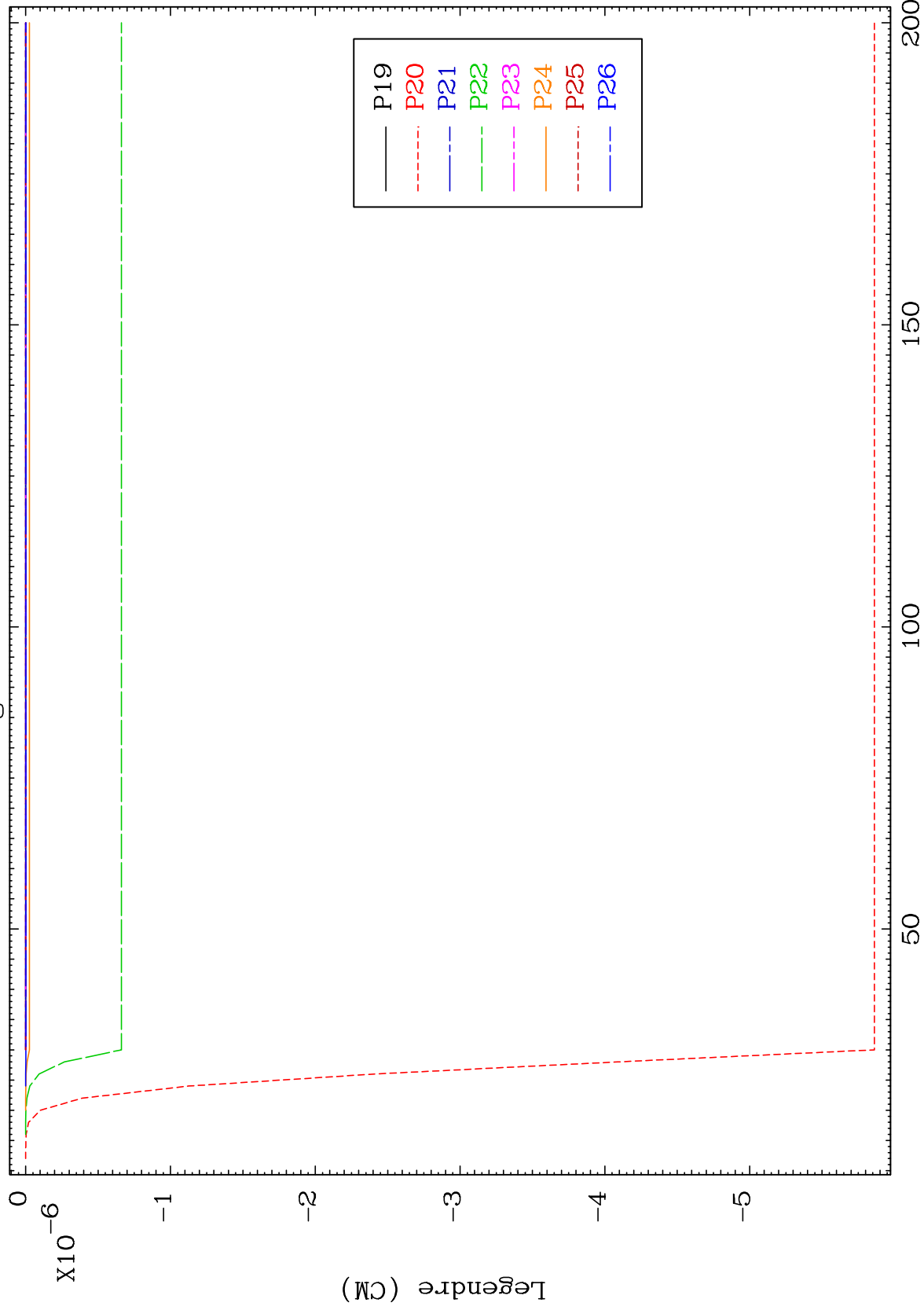
83-Bi-206



MAT 8316

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

83-Bi-206



75

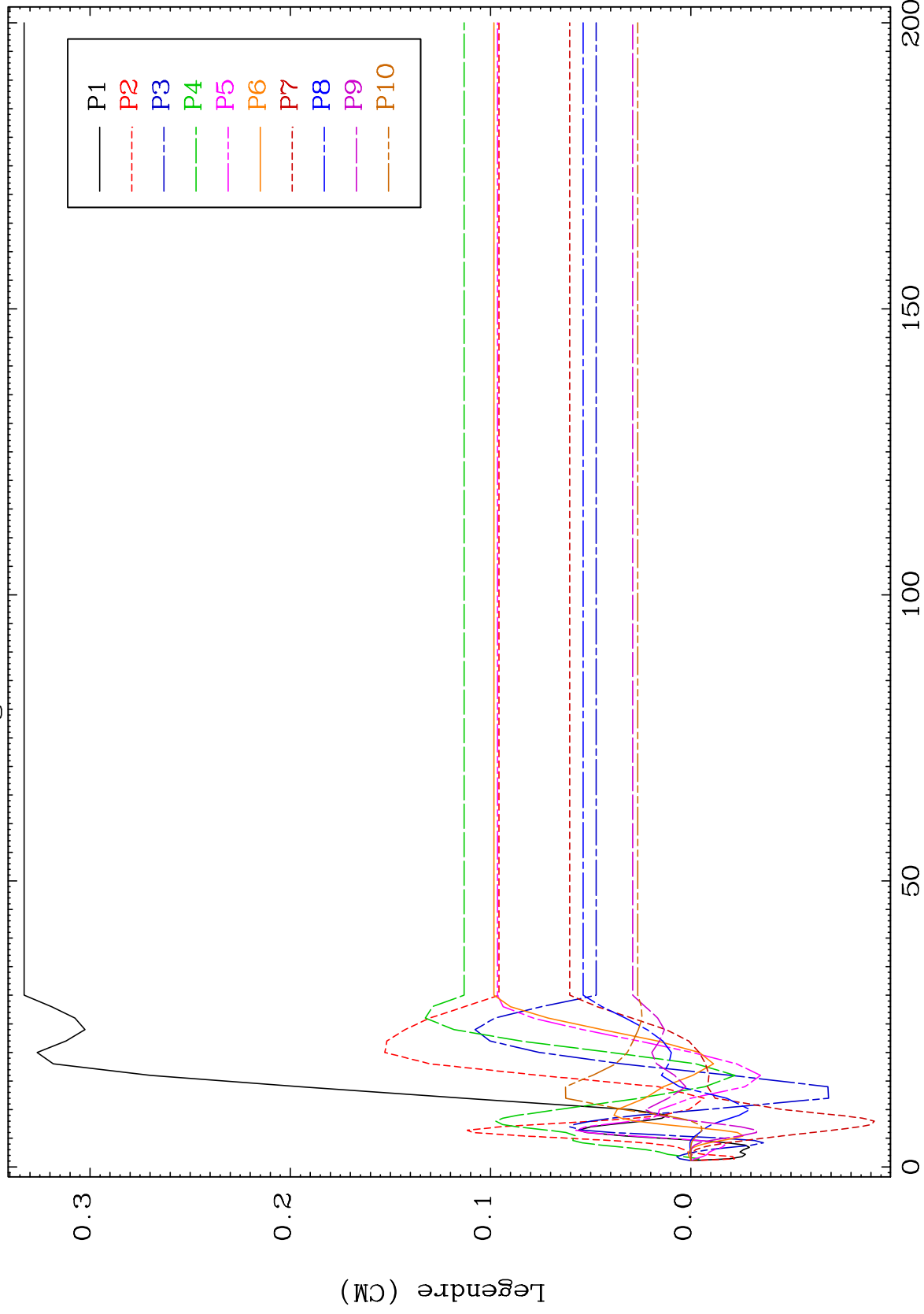
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



76

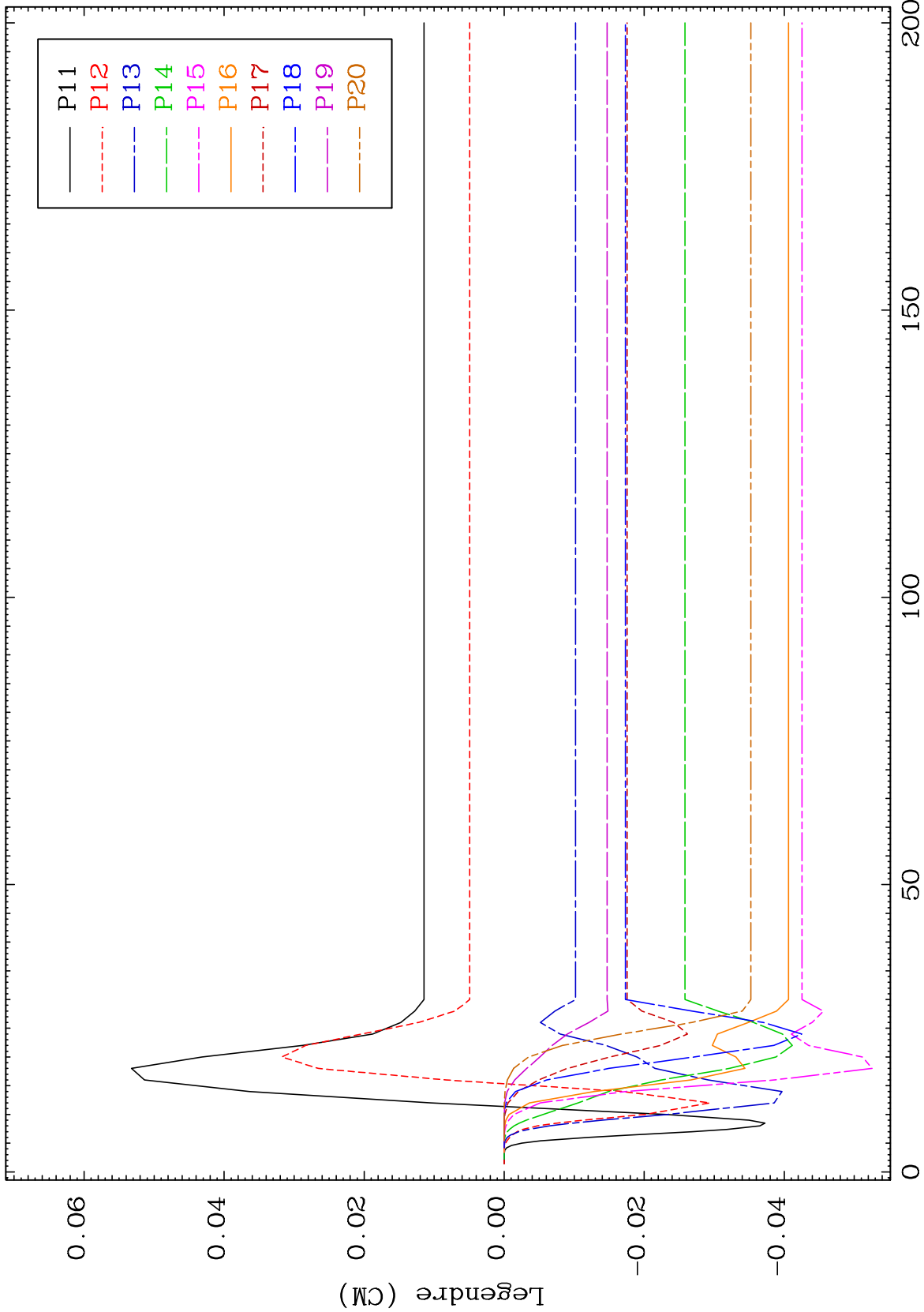
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



77

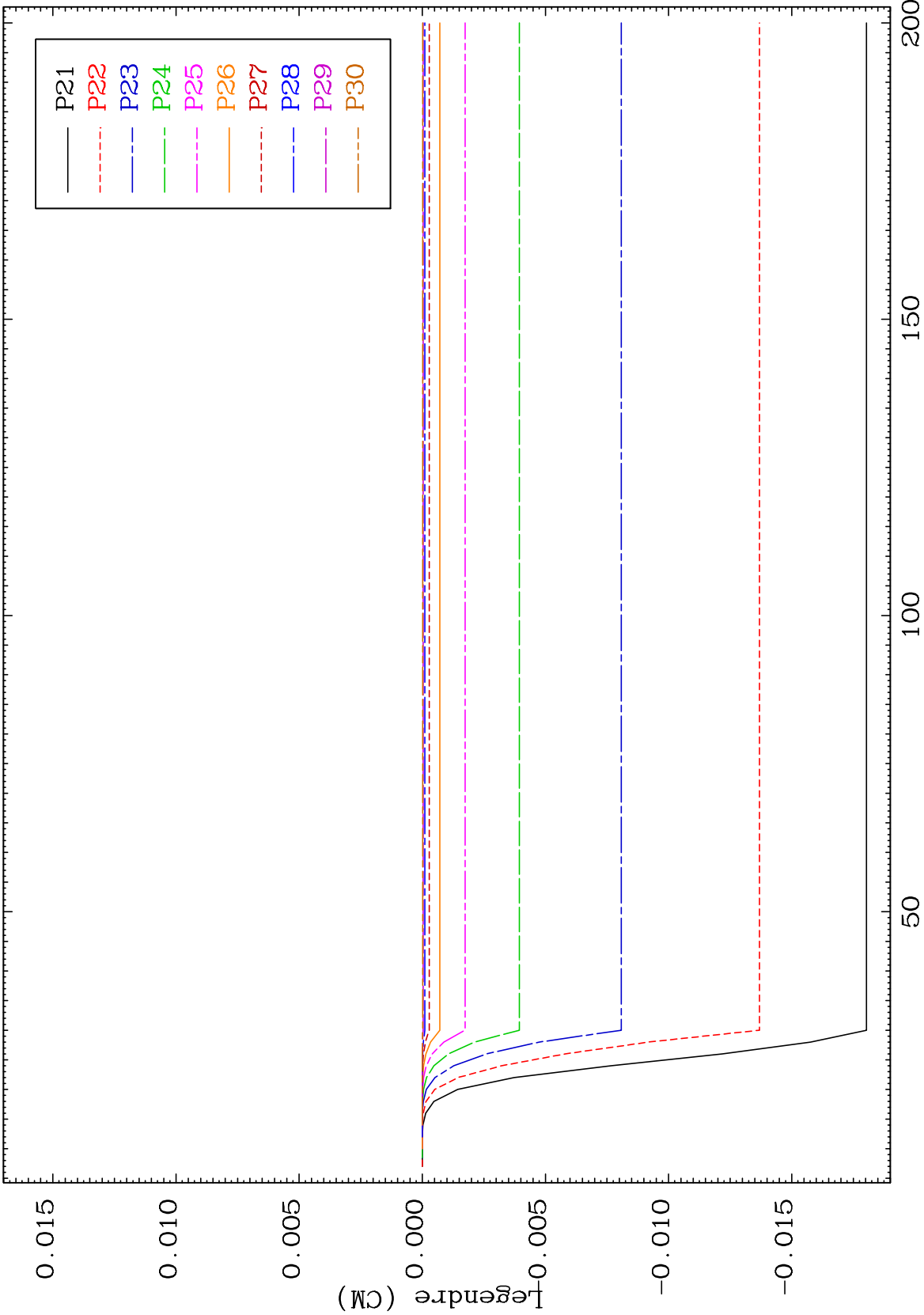
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



78

Incident Energy (MeV)

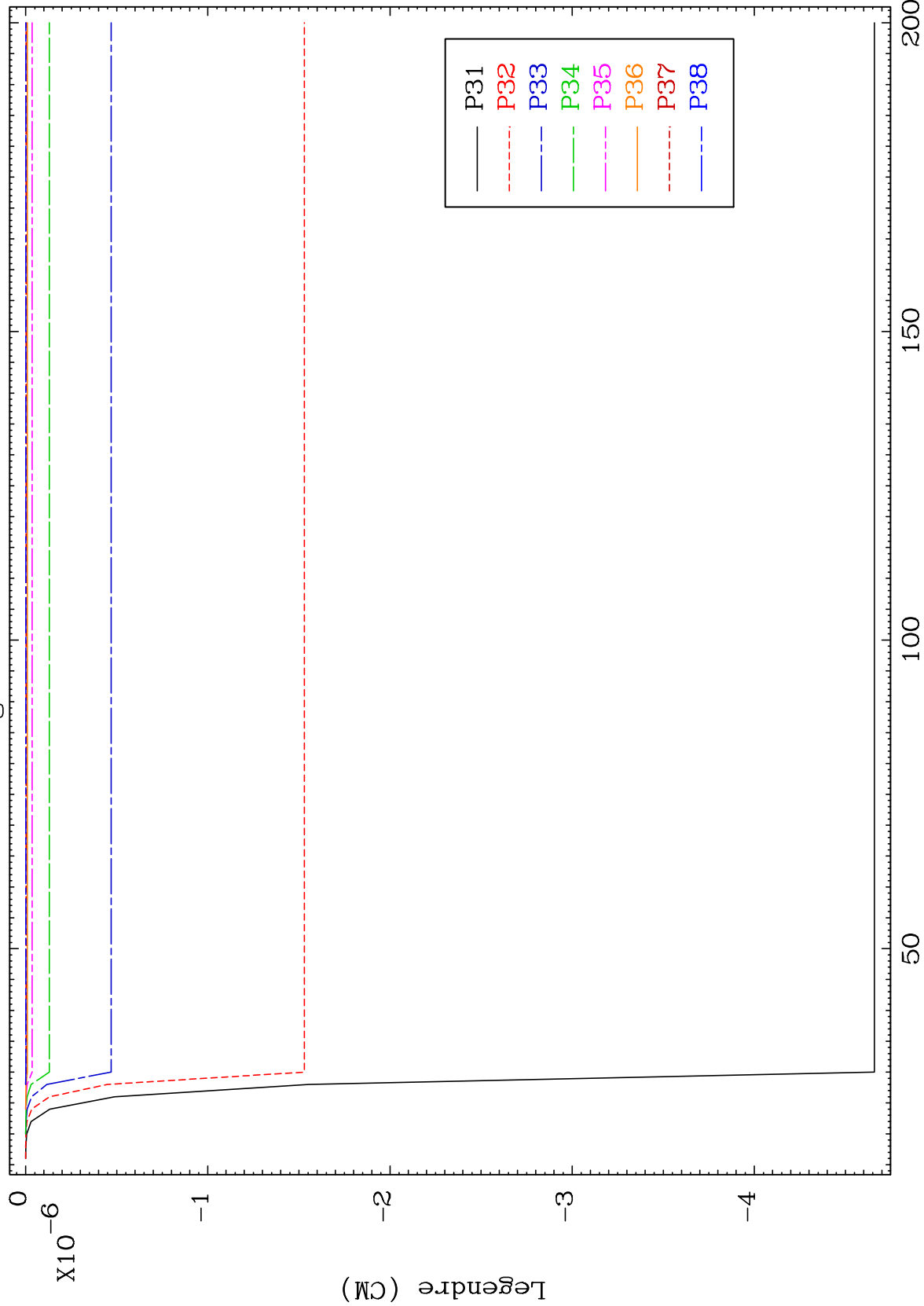
83-Bi-206

MAT 8316

MT= 67 (n,n') Level

83-Bi-206

Legendre Coefficients



79

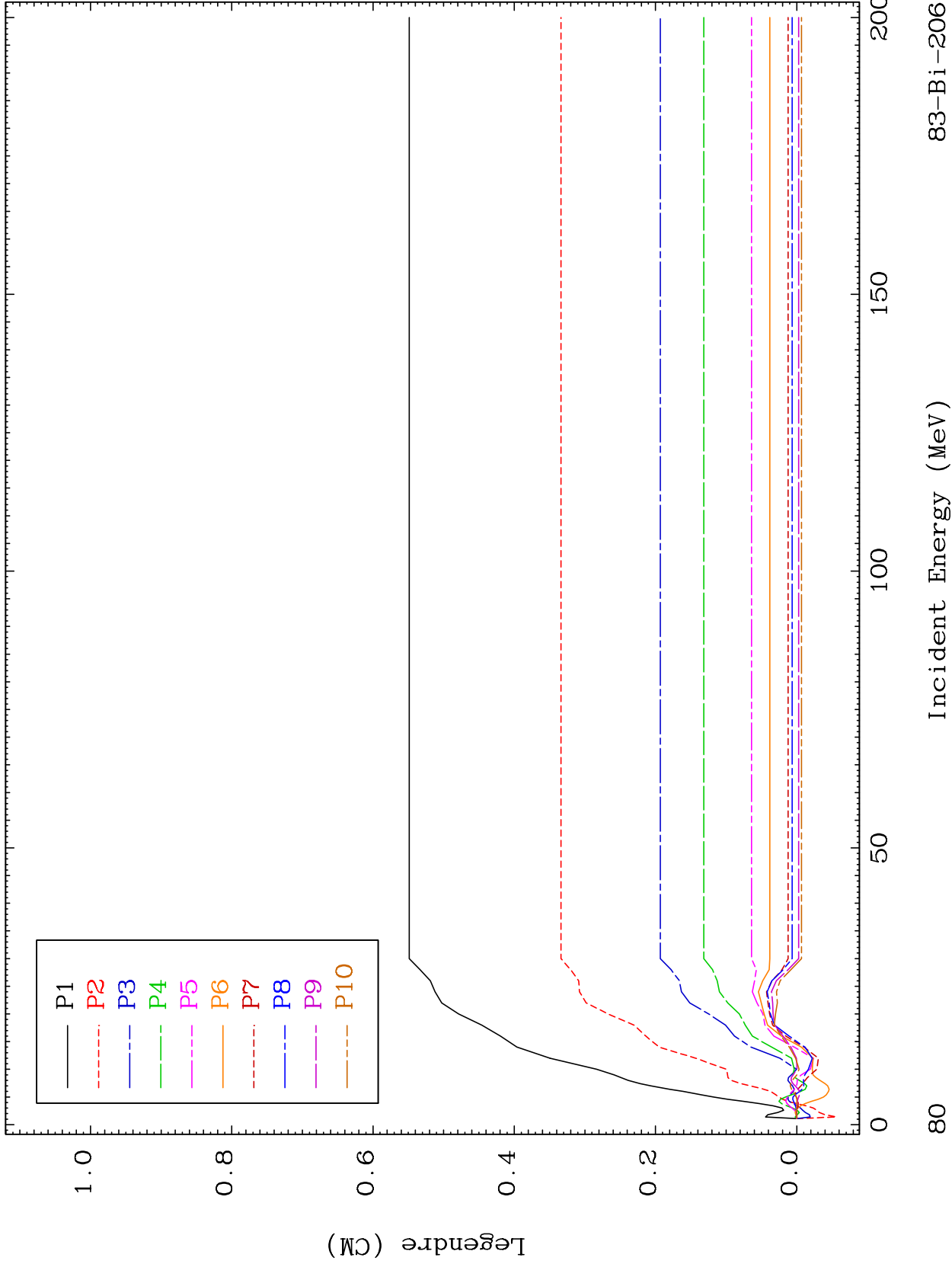
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

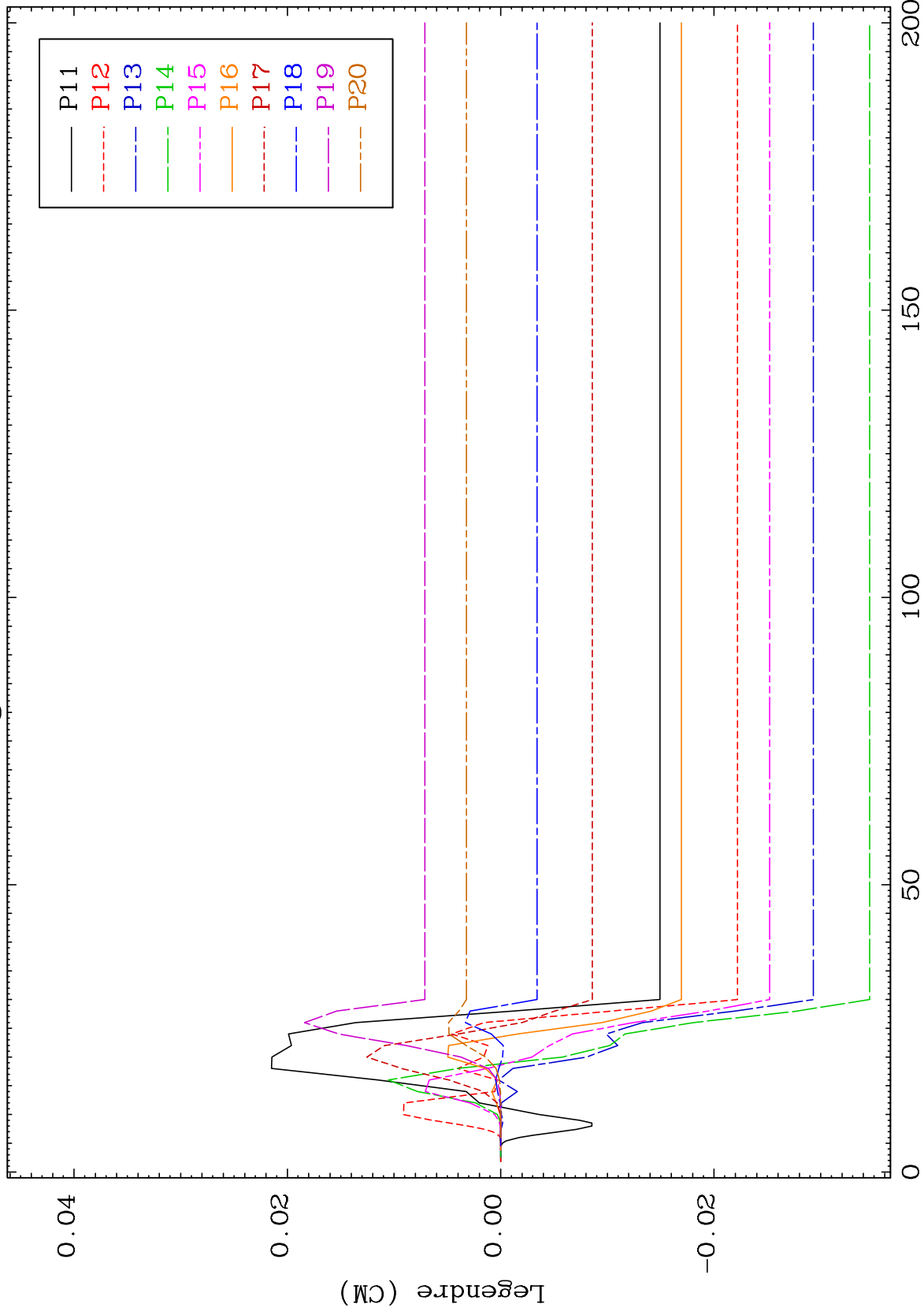
Incident Energy (MeV)

80

MAT 8316

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

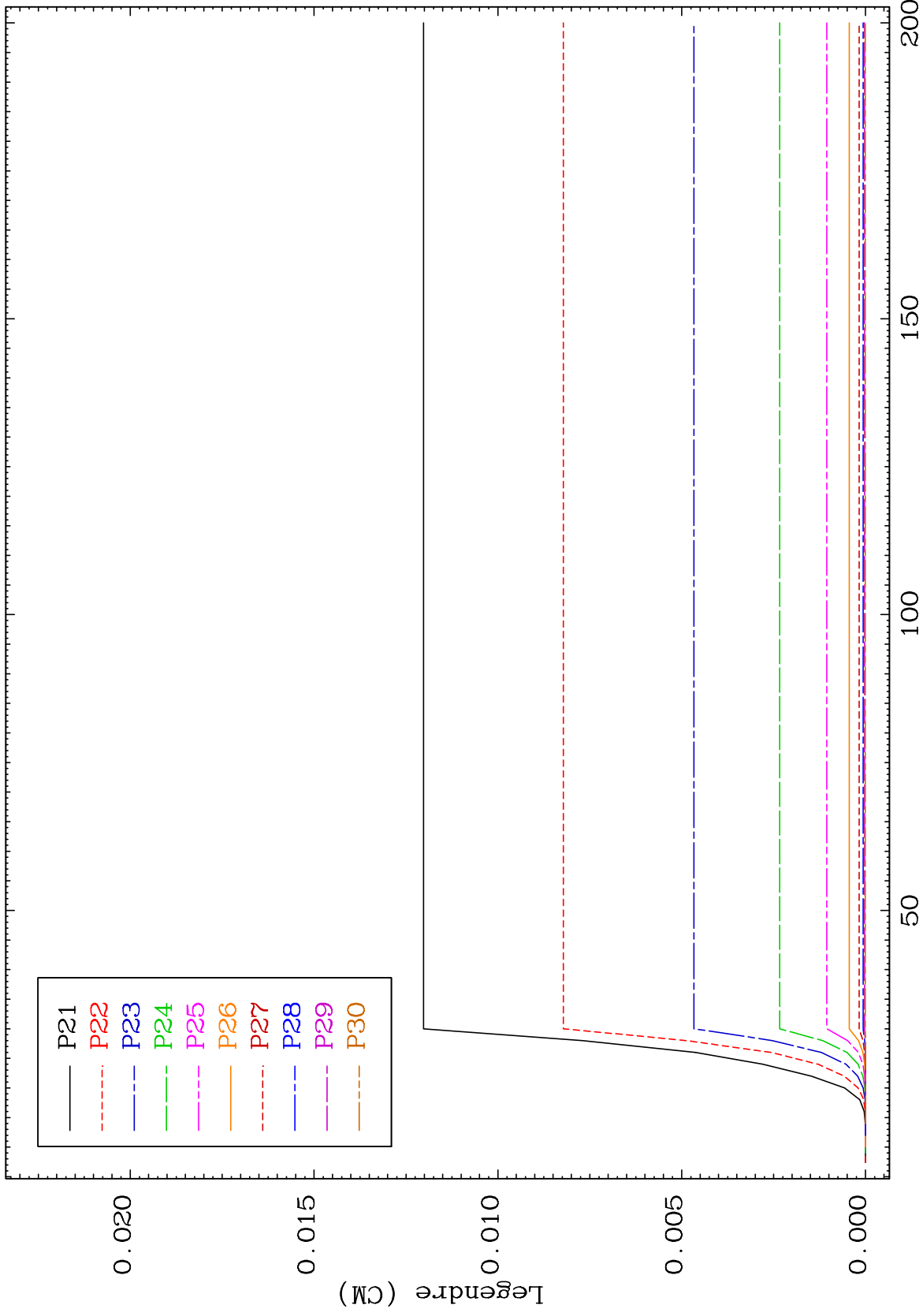
83-Bi-206



81

Incident Energy (MeV)

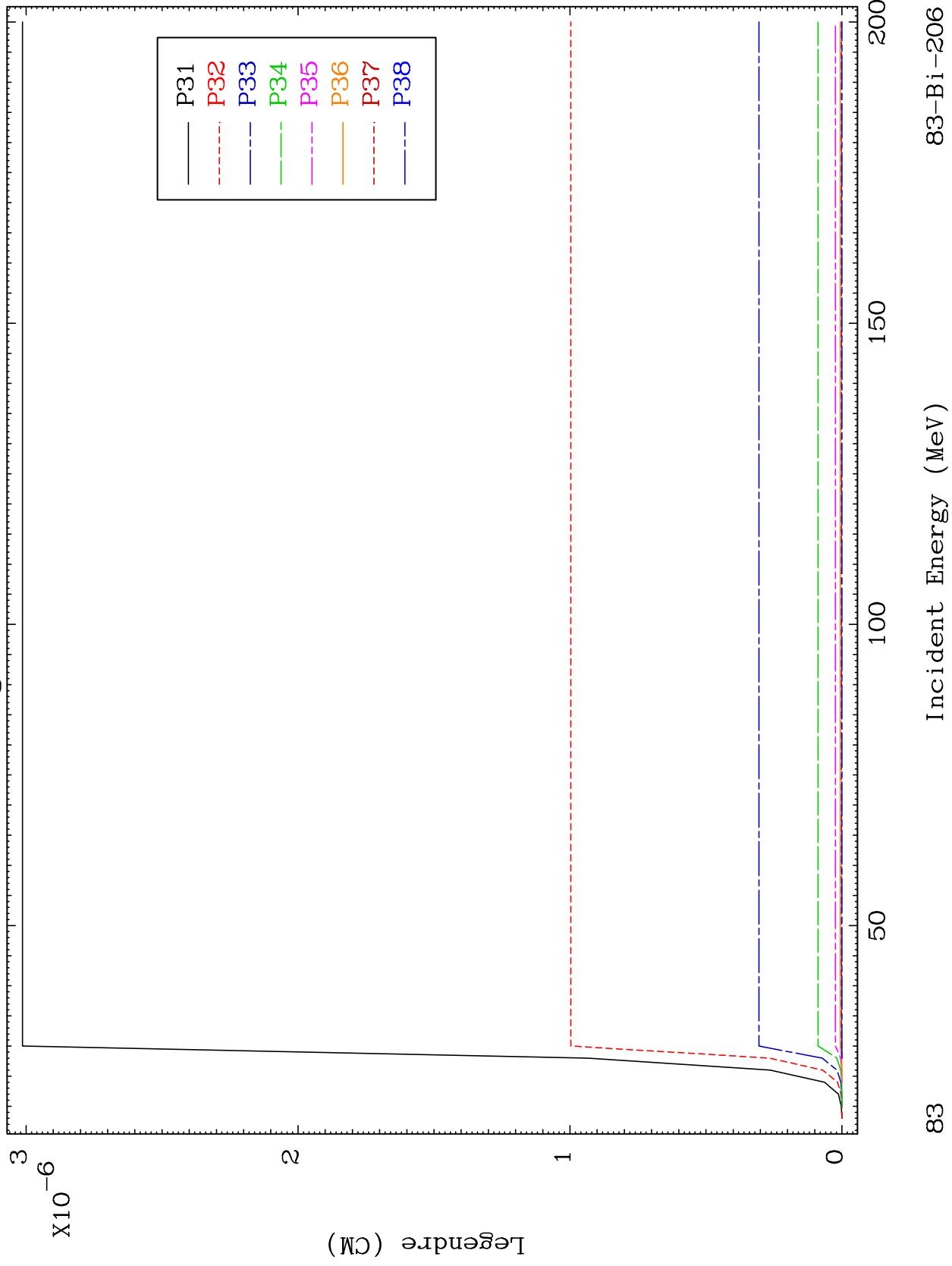
83-Bi-206



MAT 8316

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

83-Bi-206



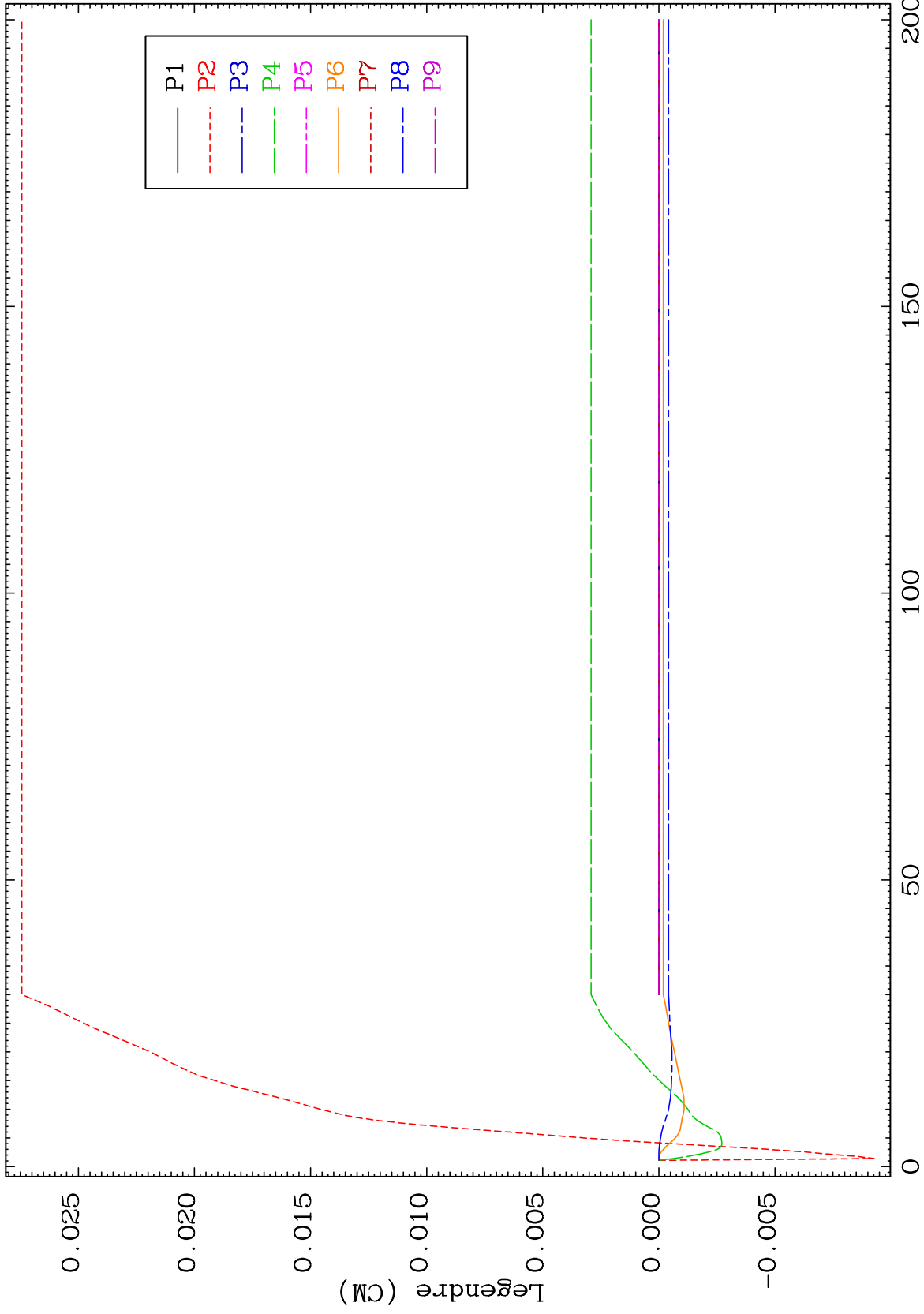
83

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

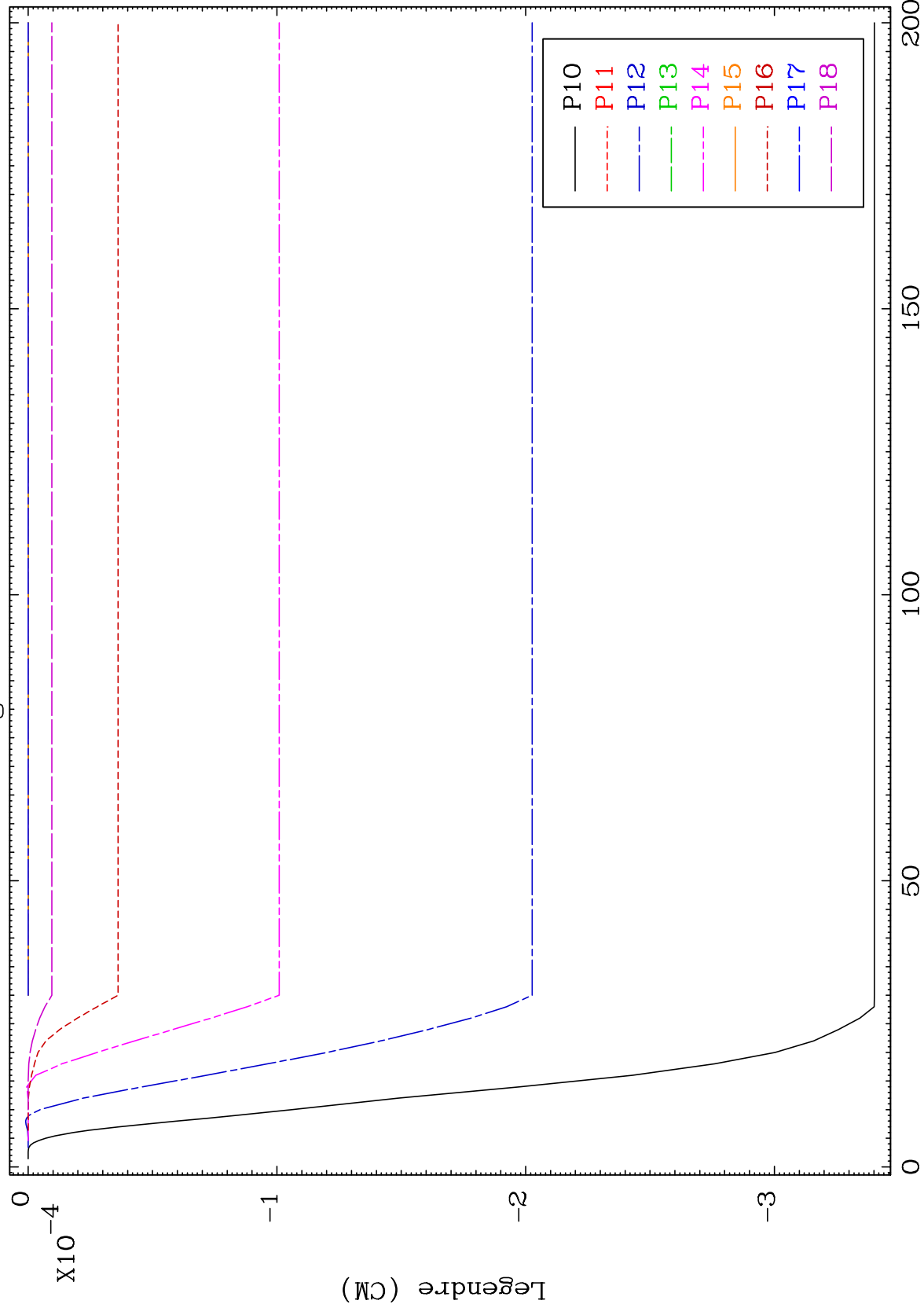
Incident Energy (MeV)

84

MAT 8316

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

83-Bi-206



85

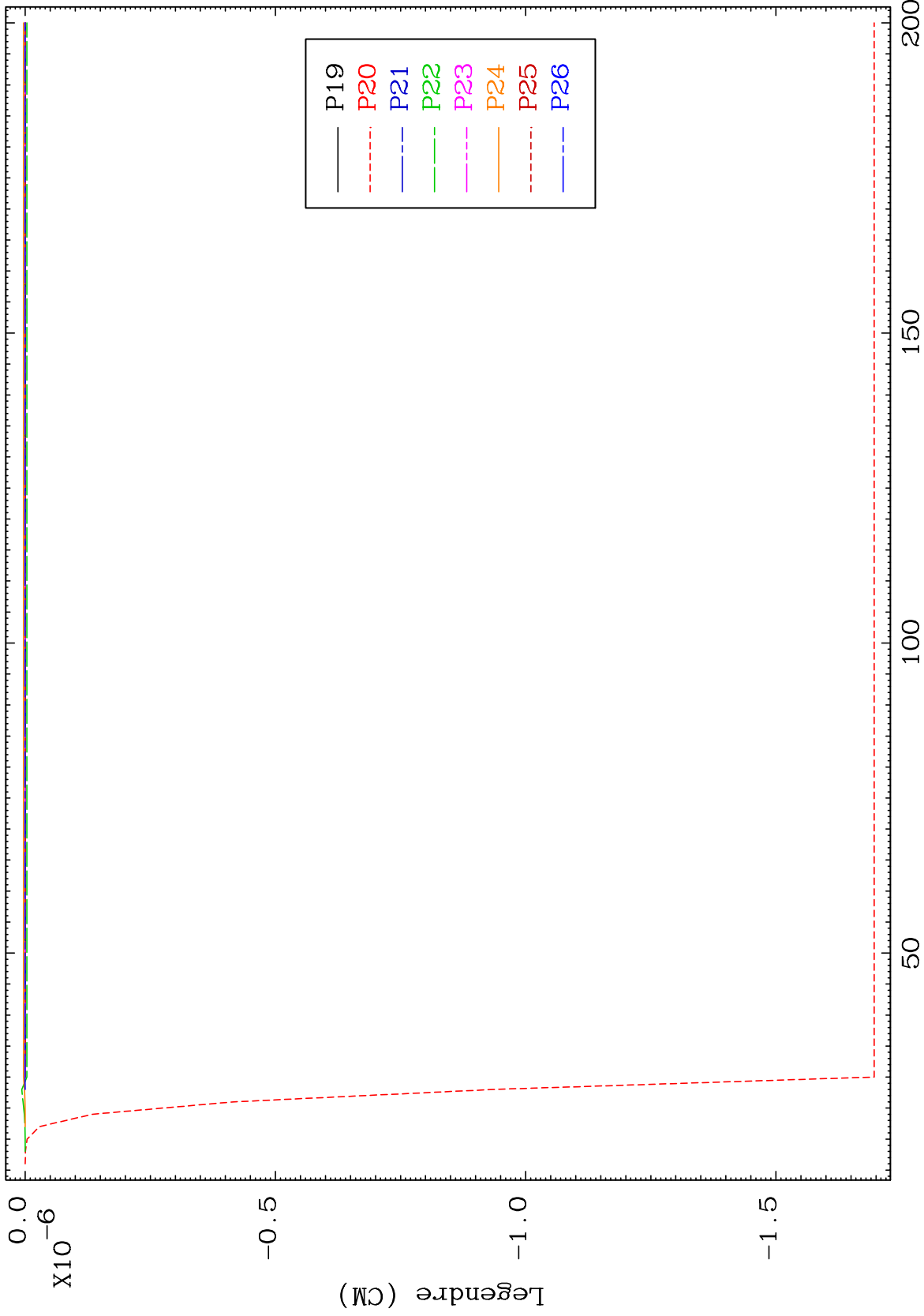
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



86

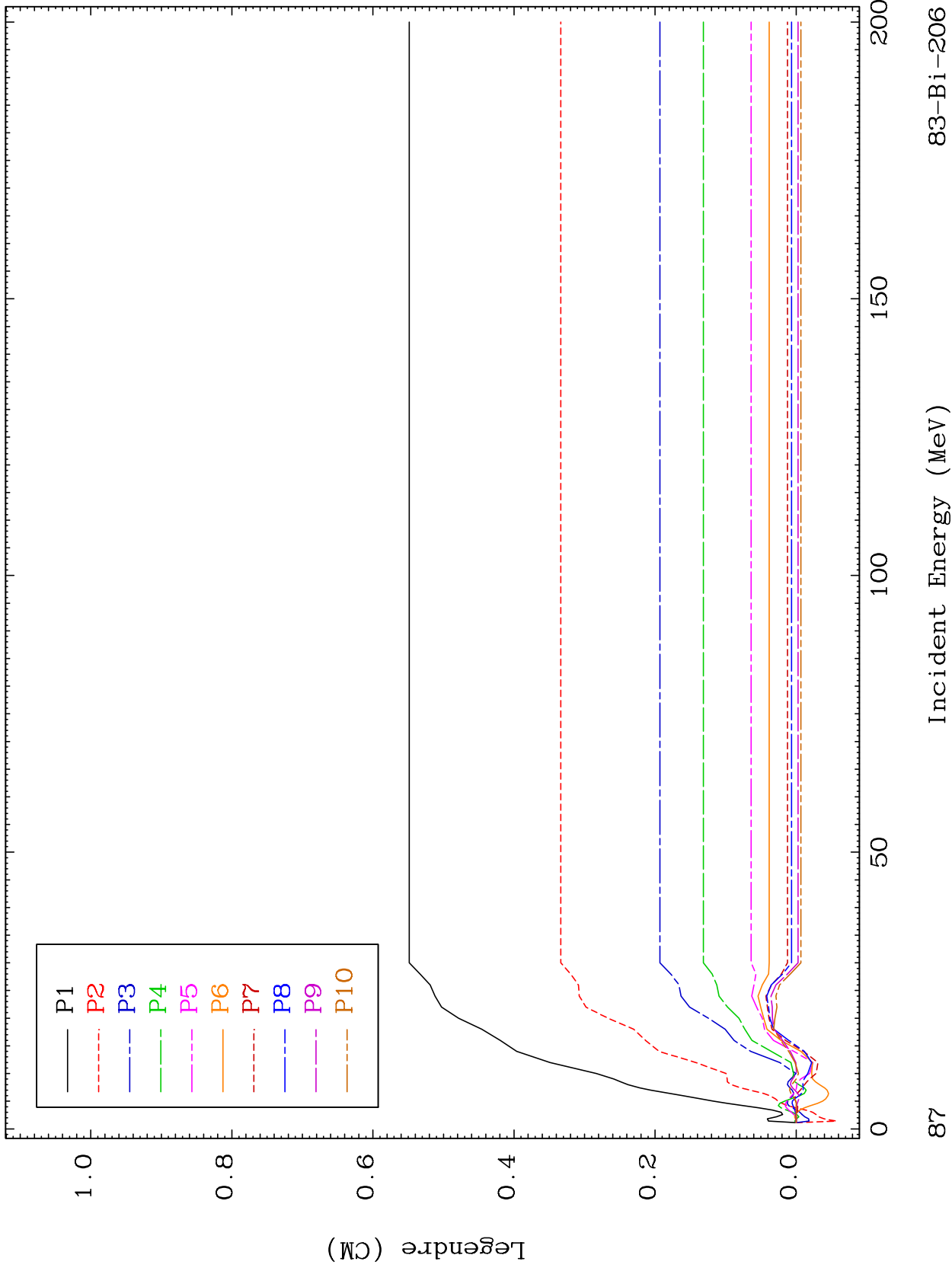
83-Bi-206

83-Bi-206

MAT 8316

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

83-Bi-206



87

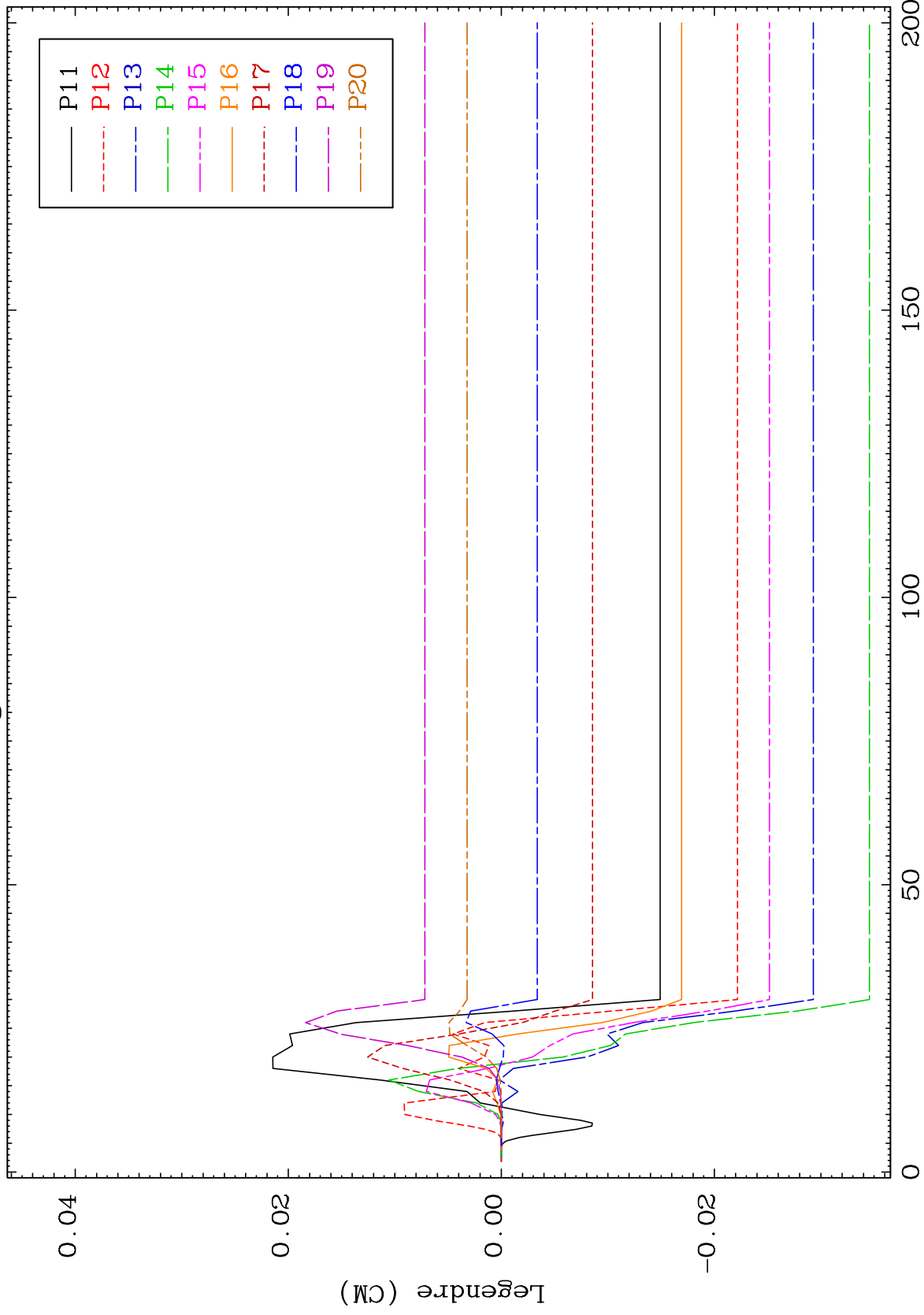
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

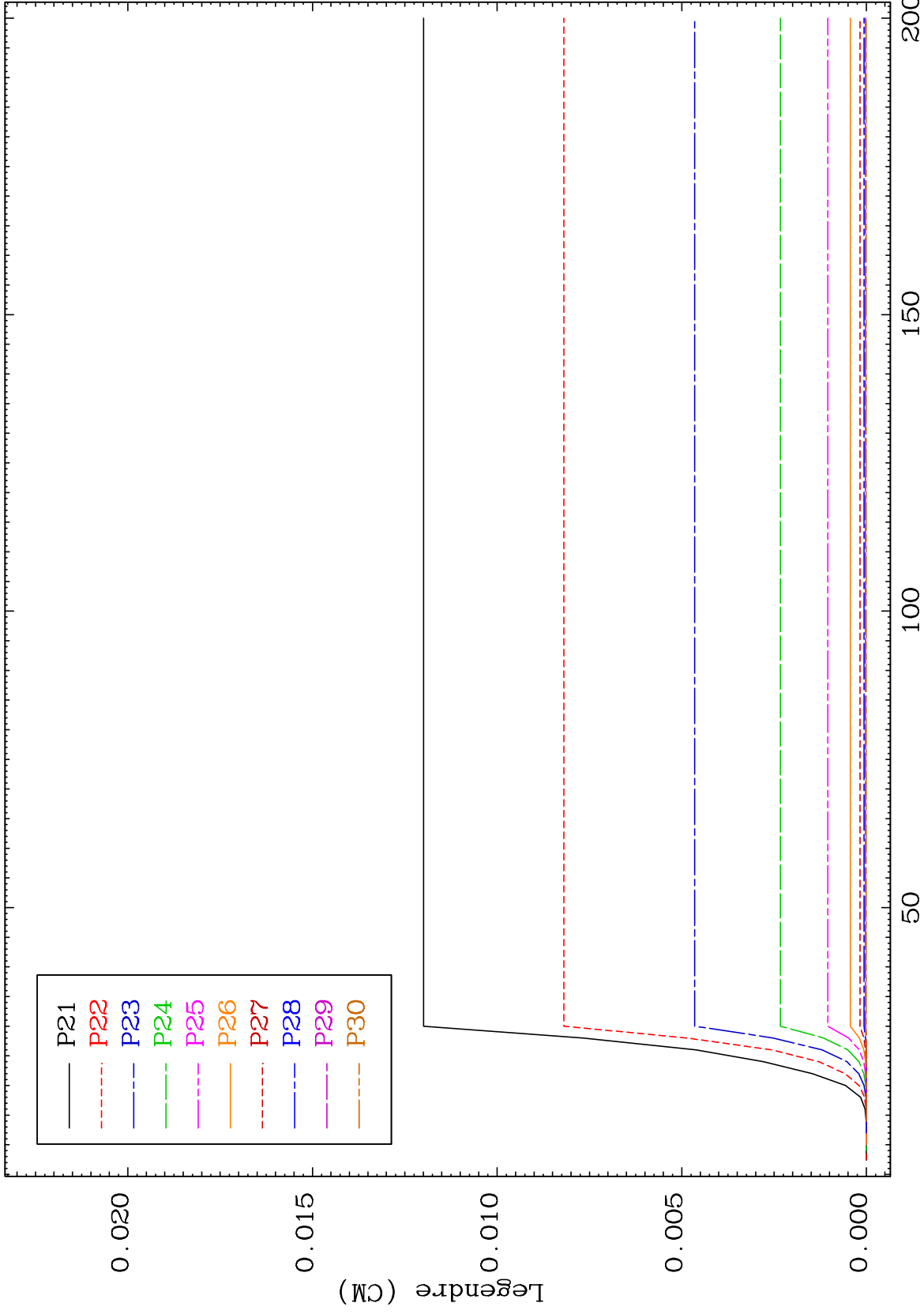
83-Bi-206



88

Incident Energy (MeV)

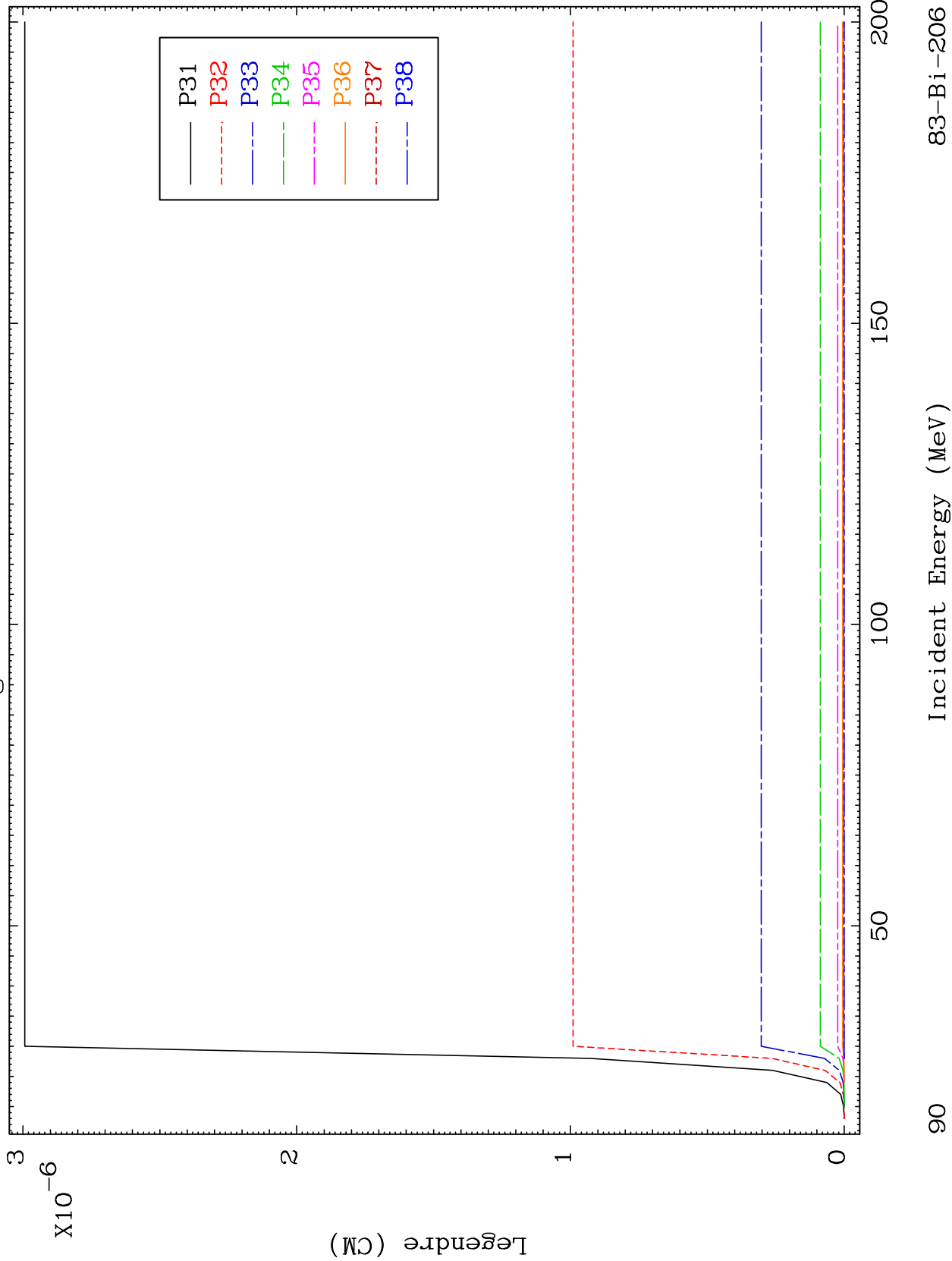
83-Bi-206



MAT 8316

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

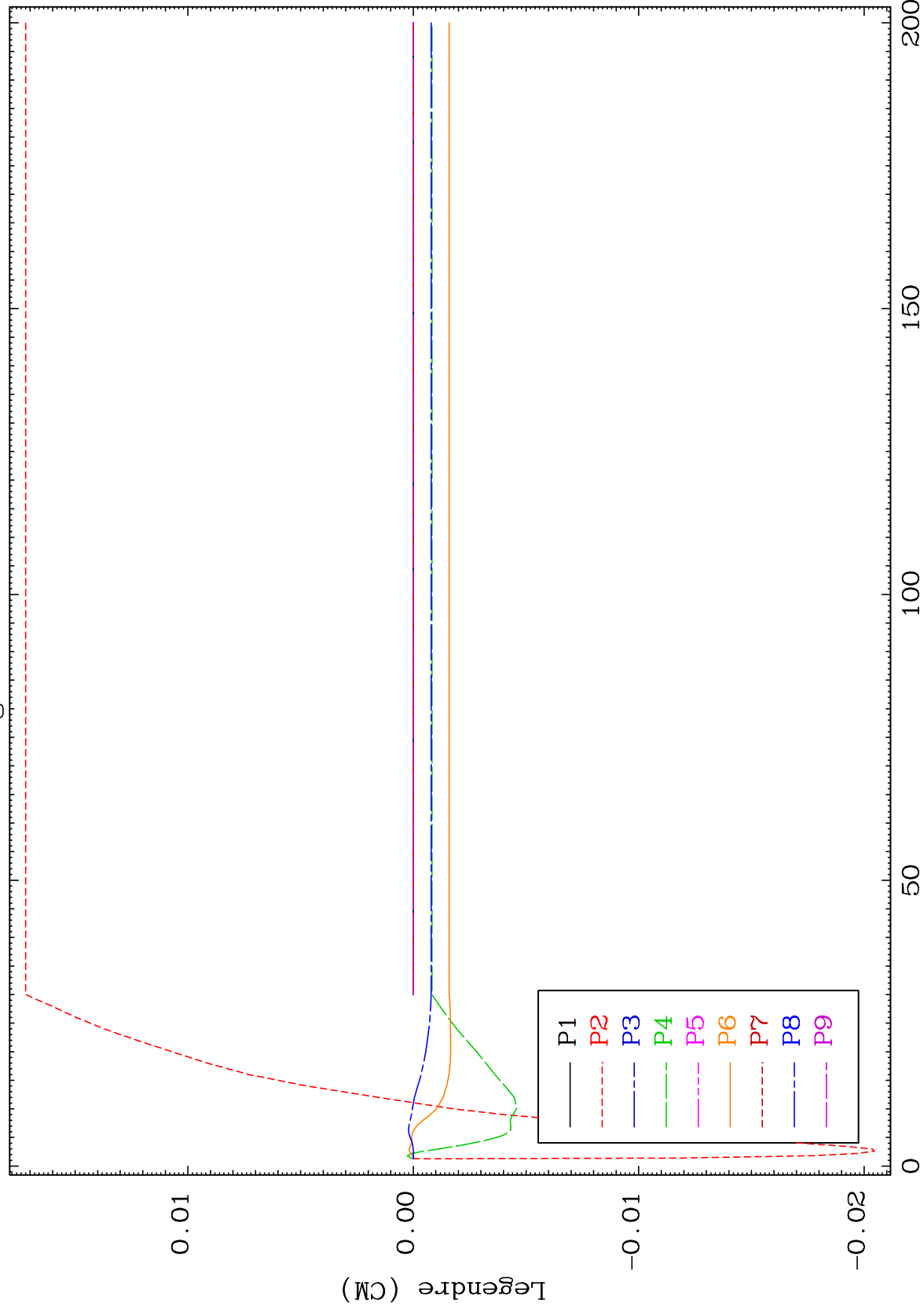
83-Bi-206



MAT 8316

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

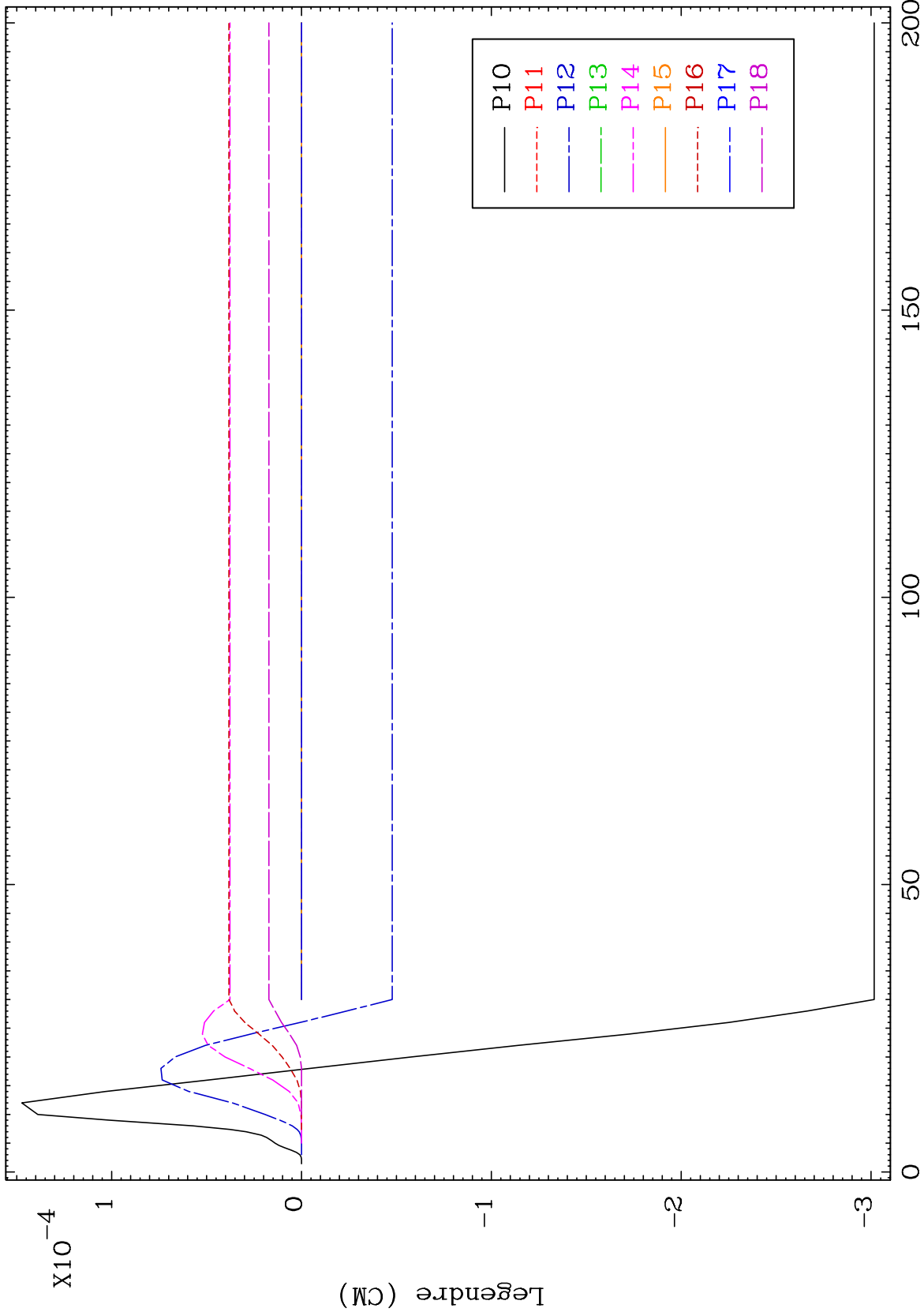
83-Bi-206

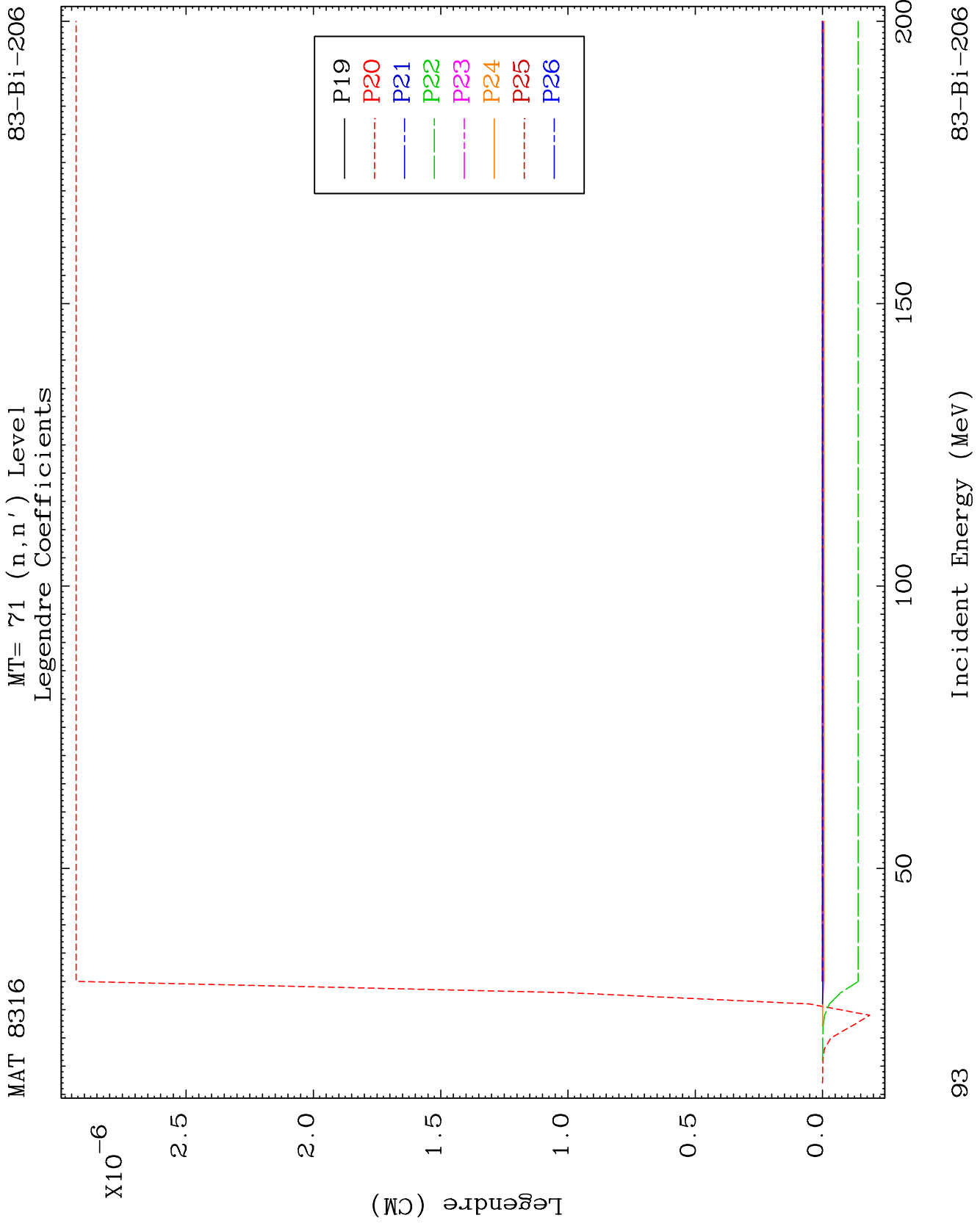


91

Incident Energy (MeV)

83-Bi-206

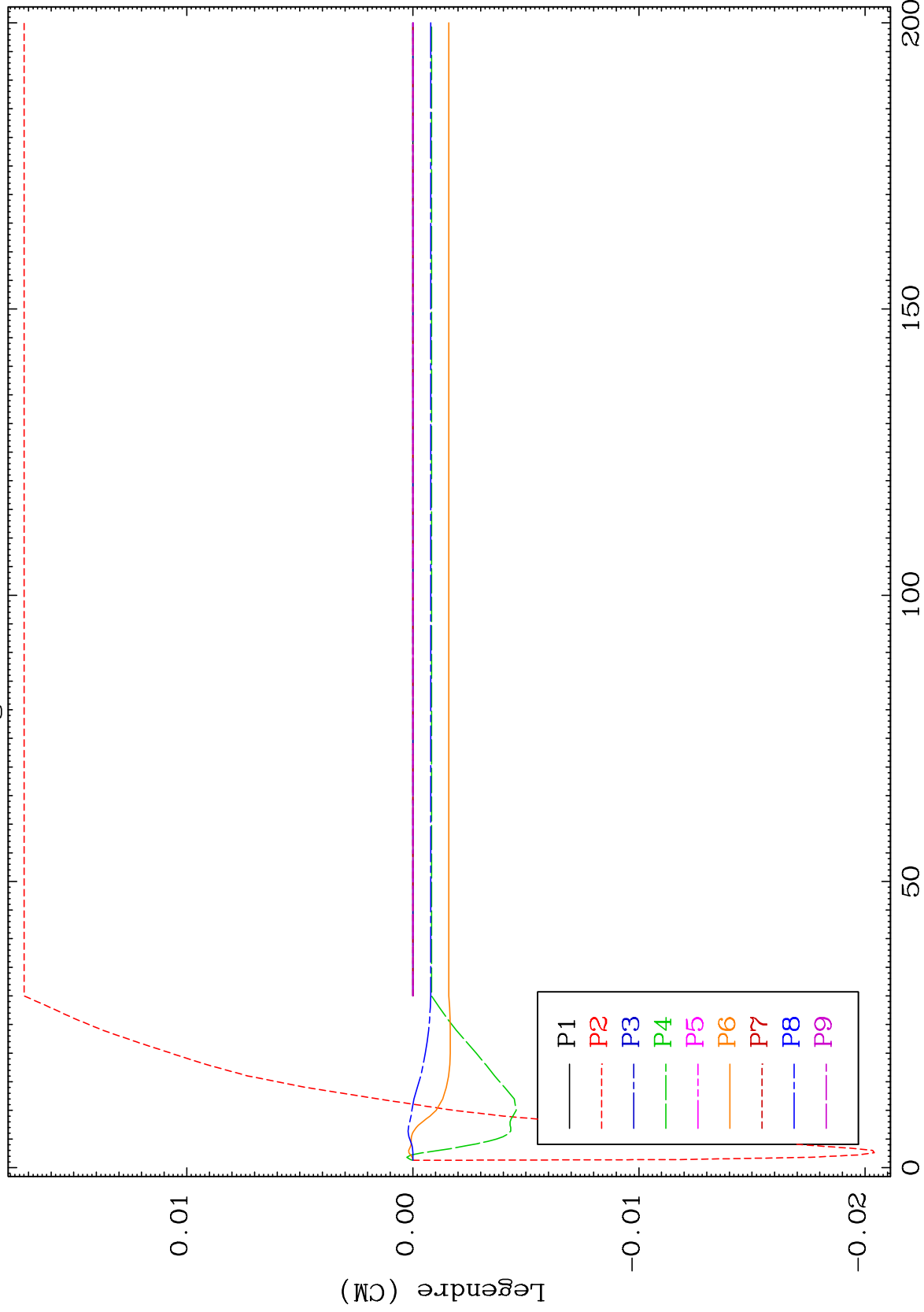




MAT 8316

83-Bi-206

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



94

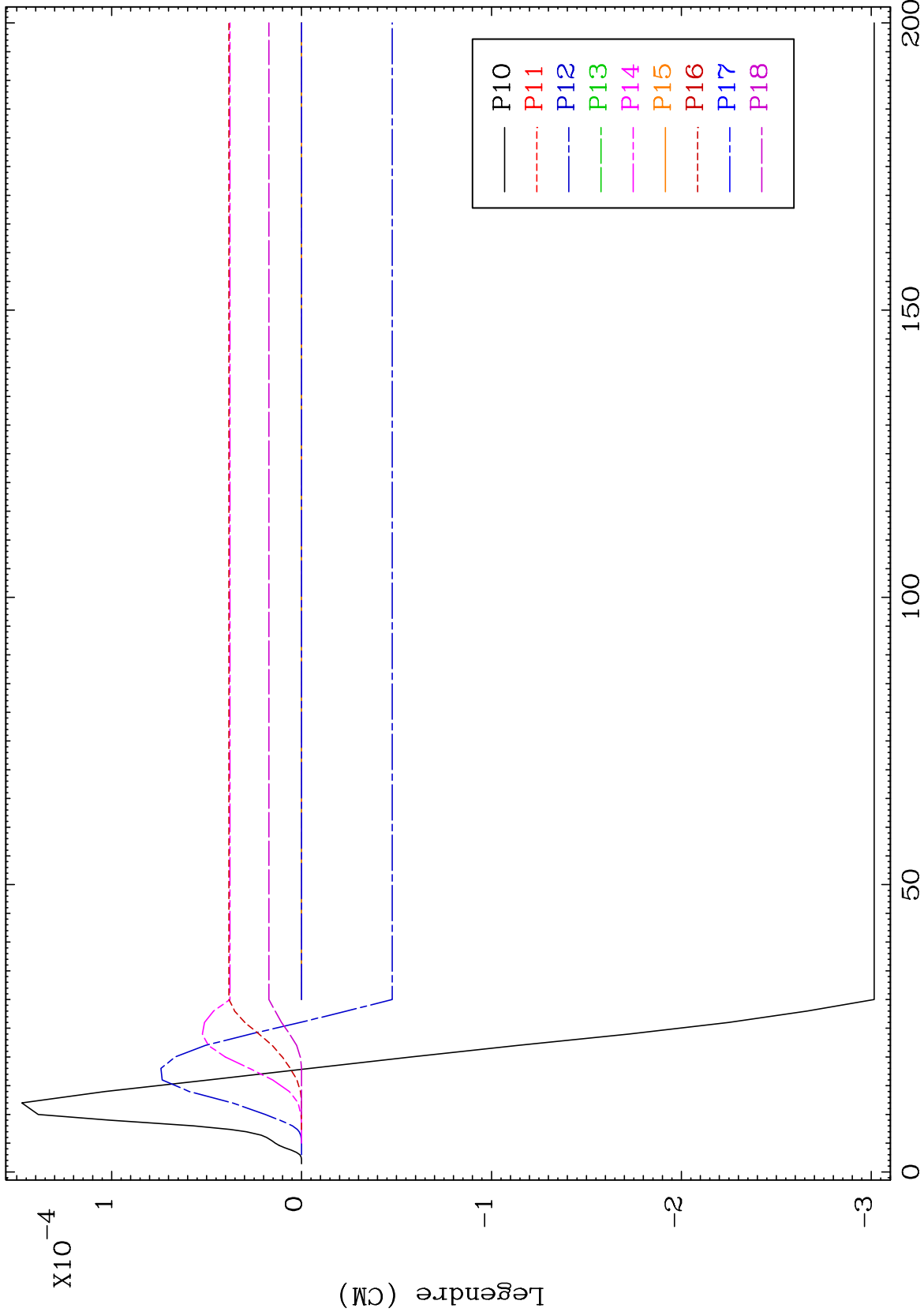
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



95

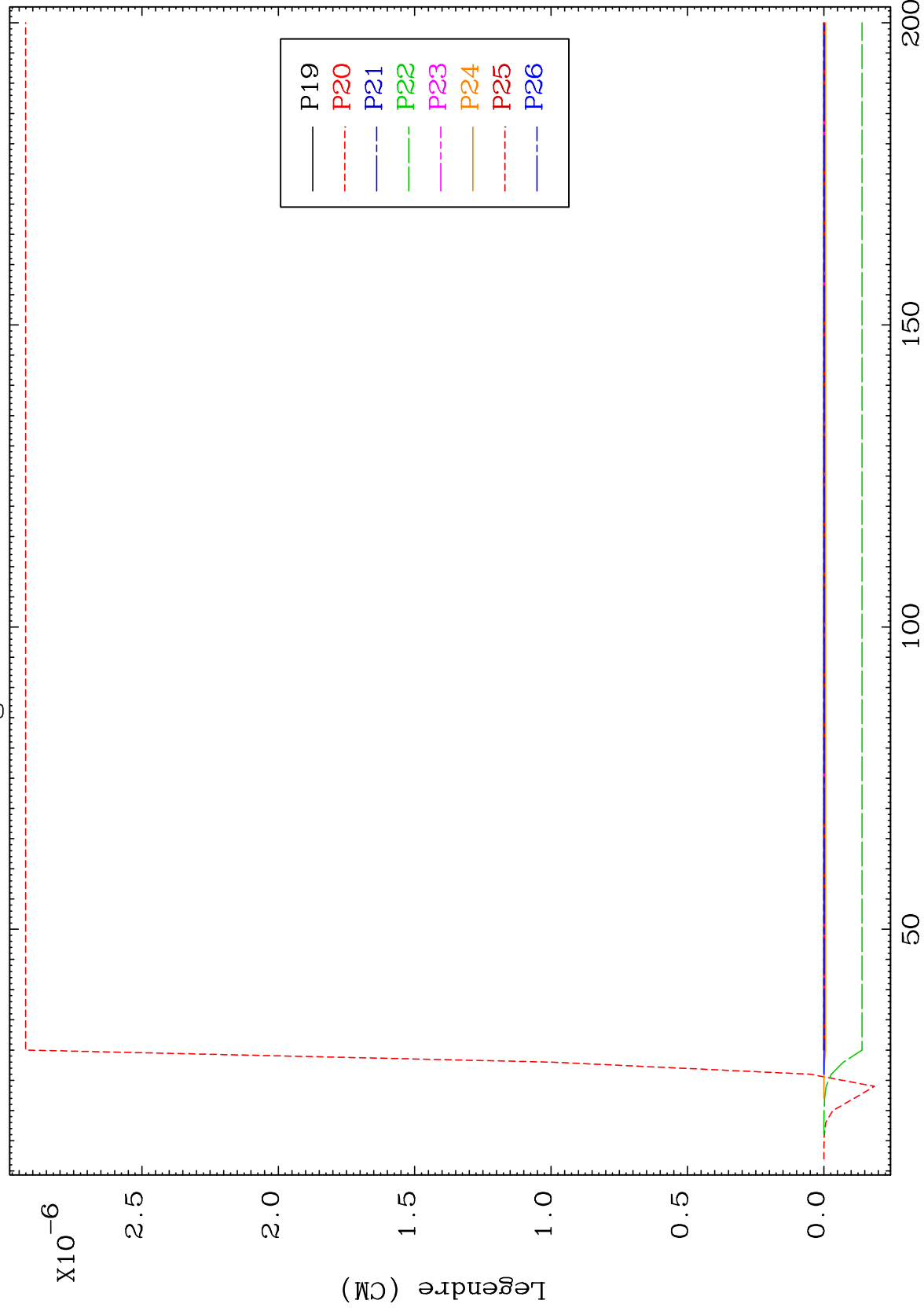
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

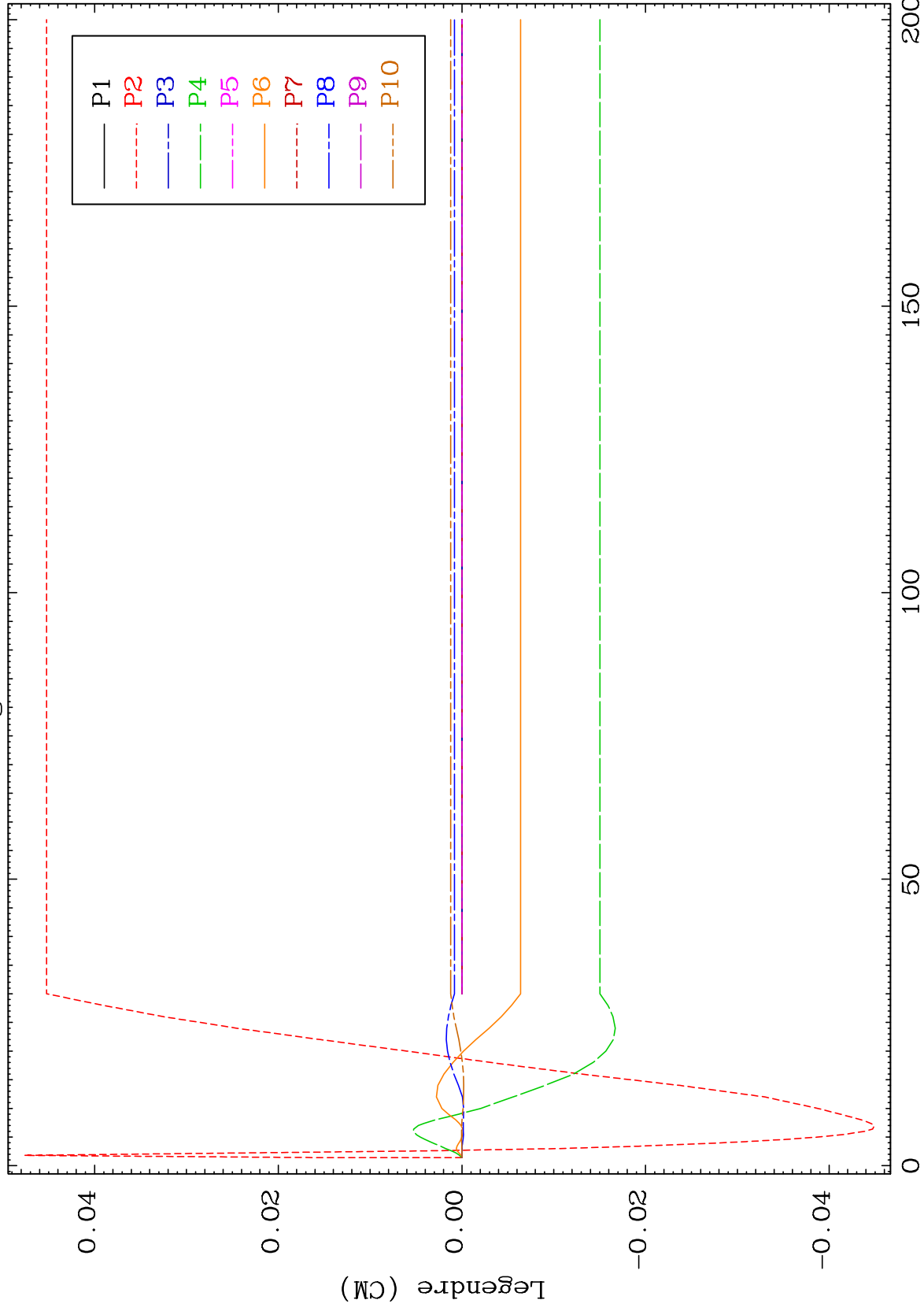
Incident Energy (MeV)

96

MAT 8316

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

83-Bi-206



97

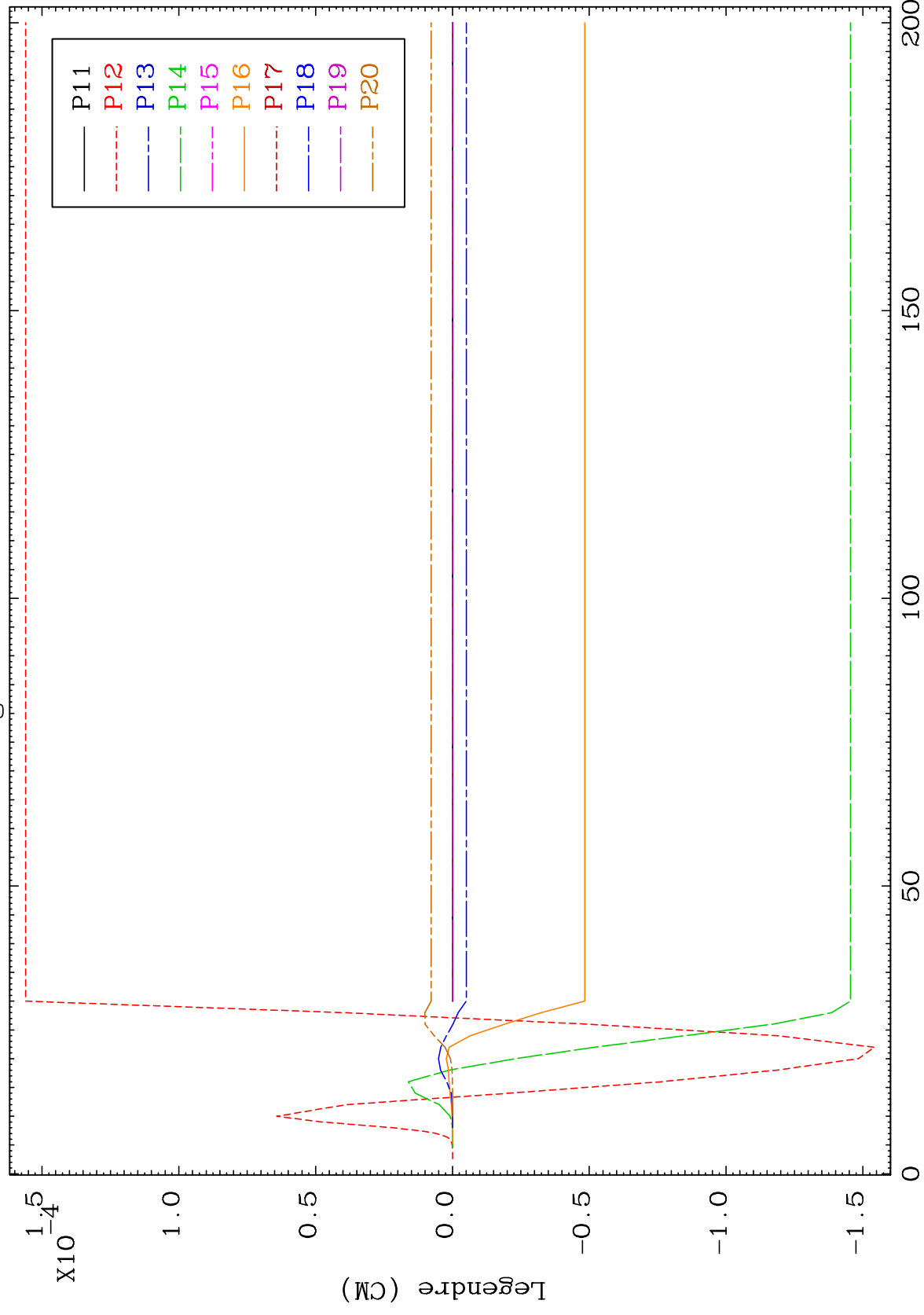
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

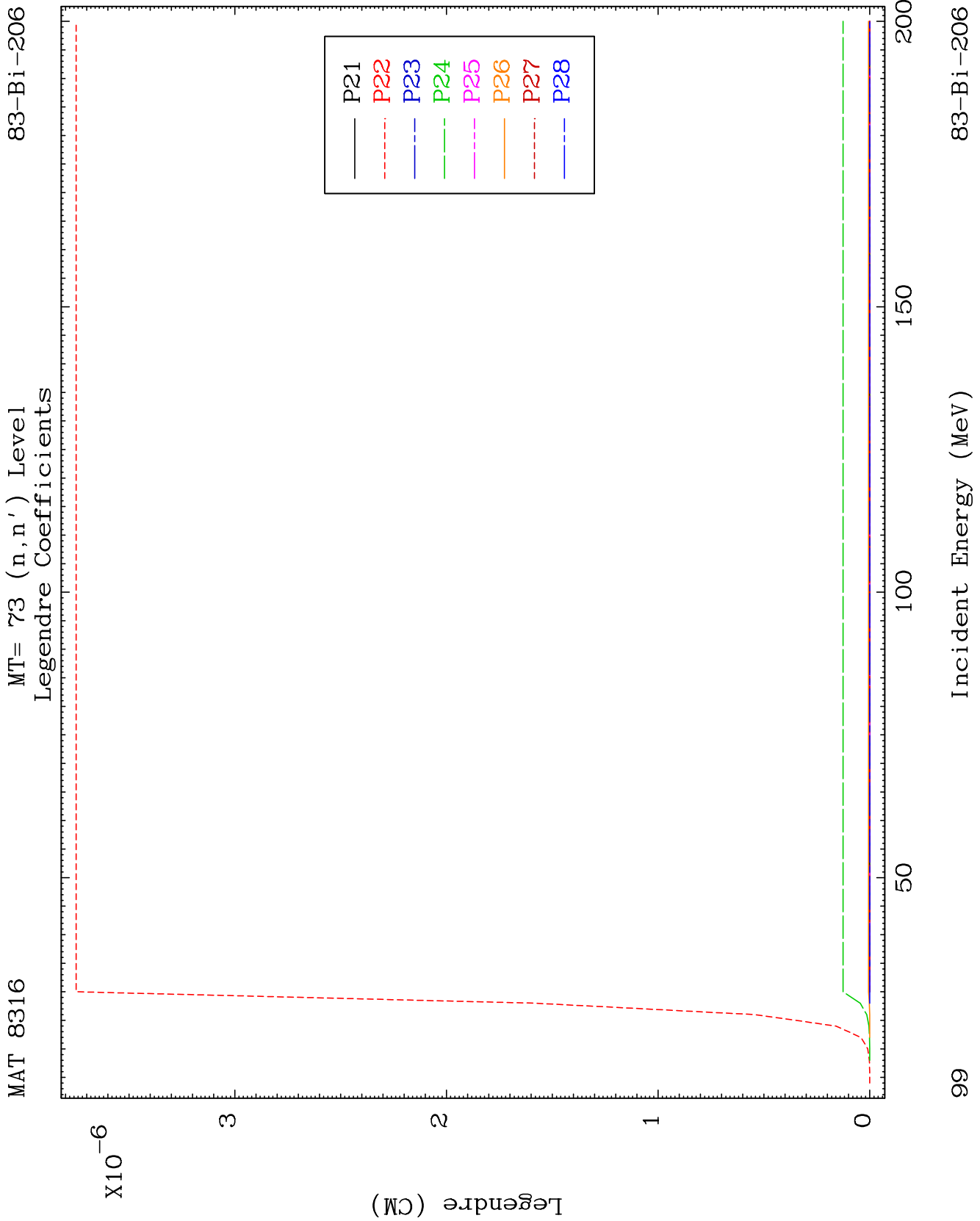
83-Bi-206



98

Incident Energy (MeV)

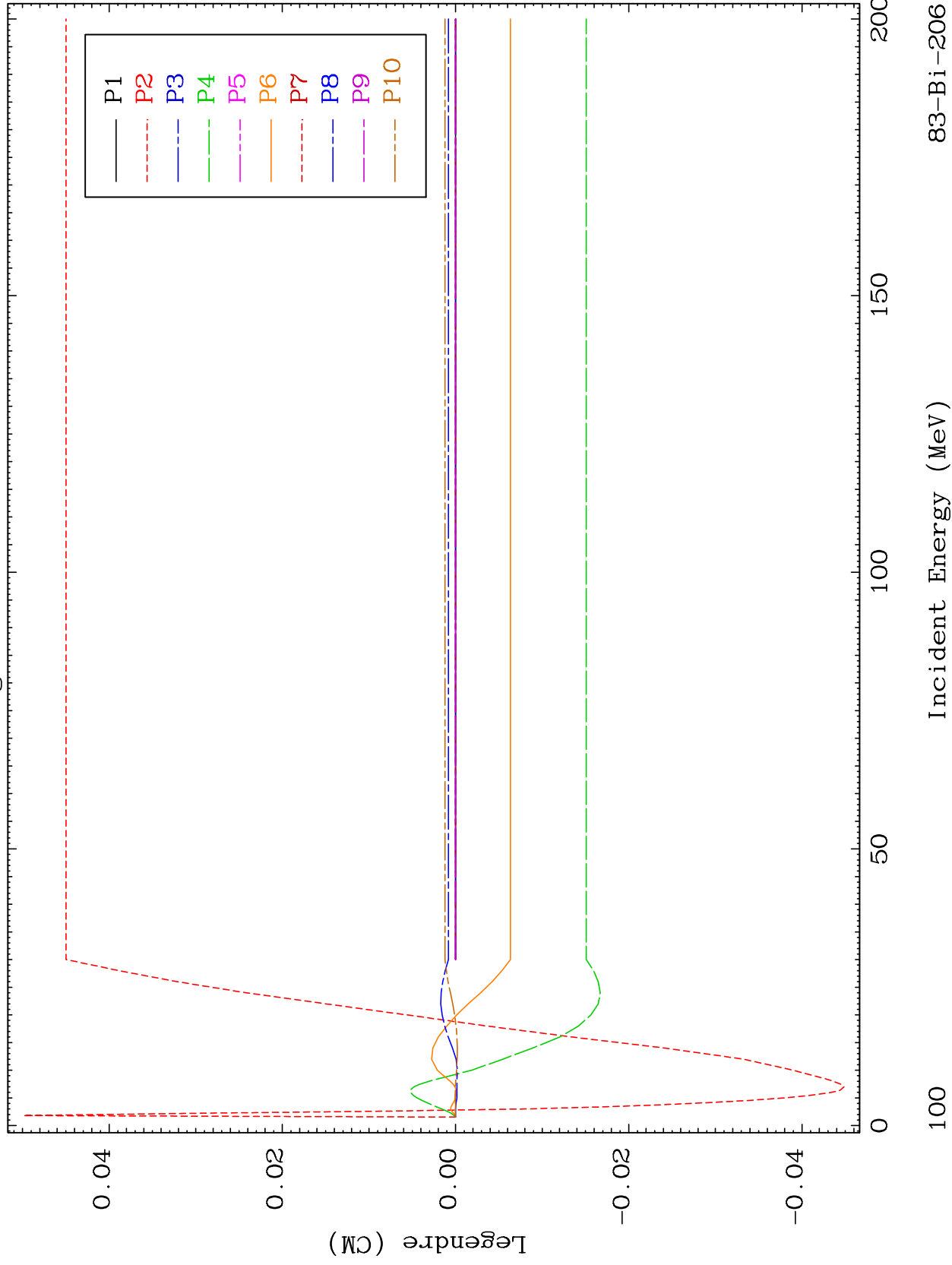
83-Bi-206



MAT 8316

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

83-Bi-206

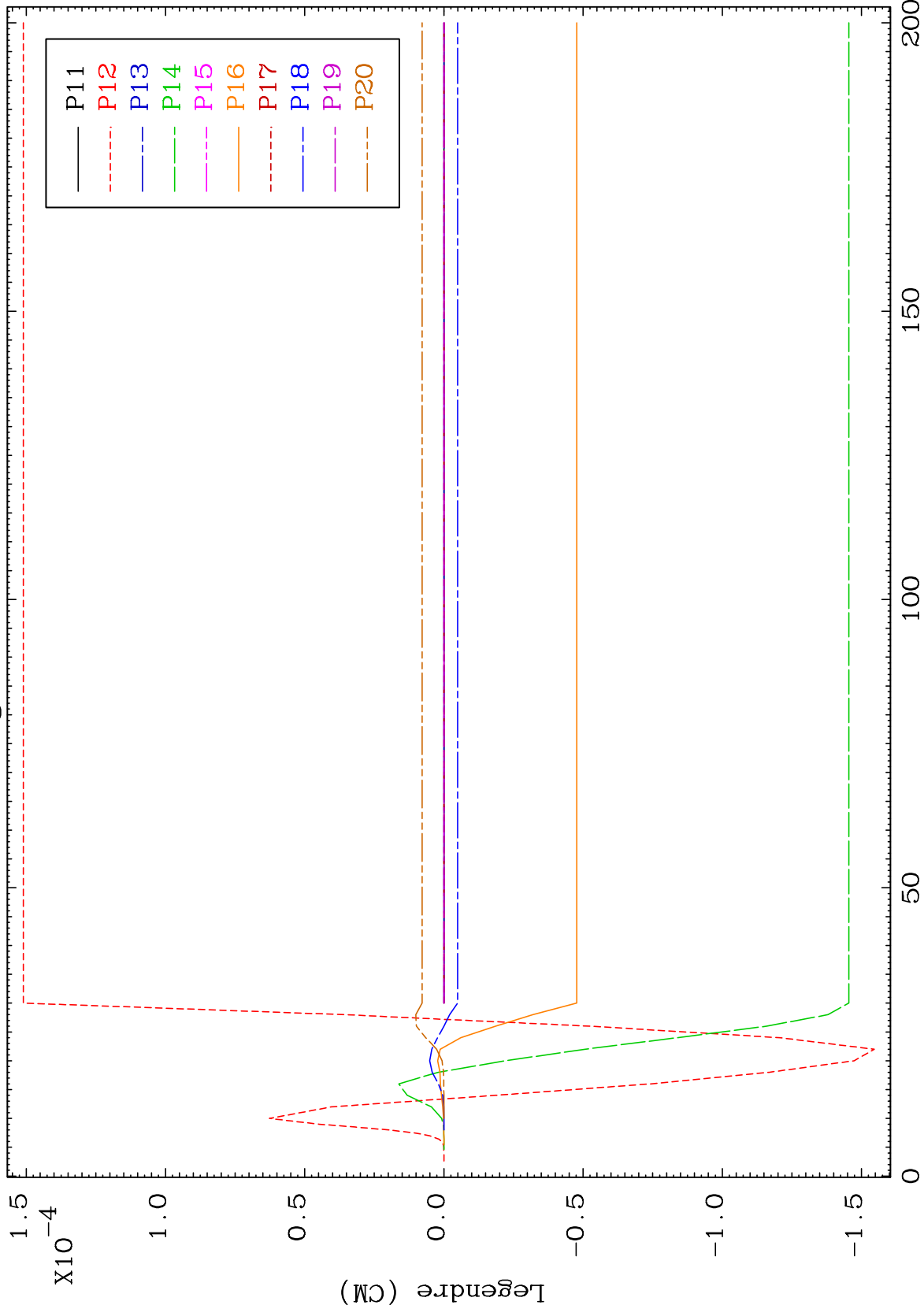


83-Bi-206

MAT 8316

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

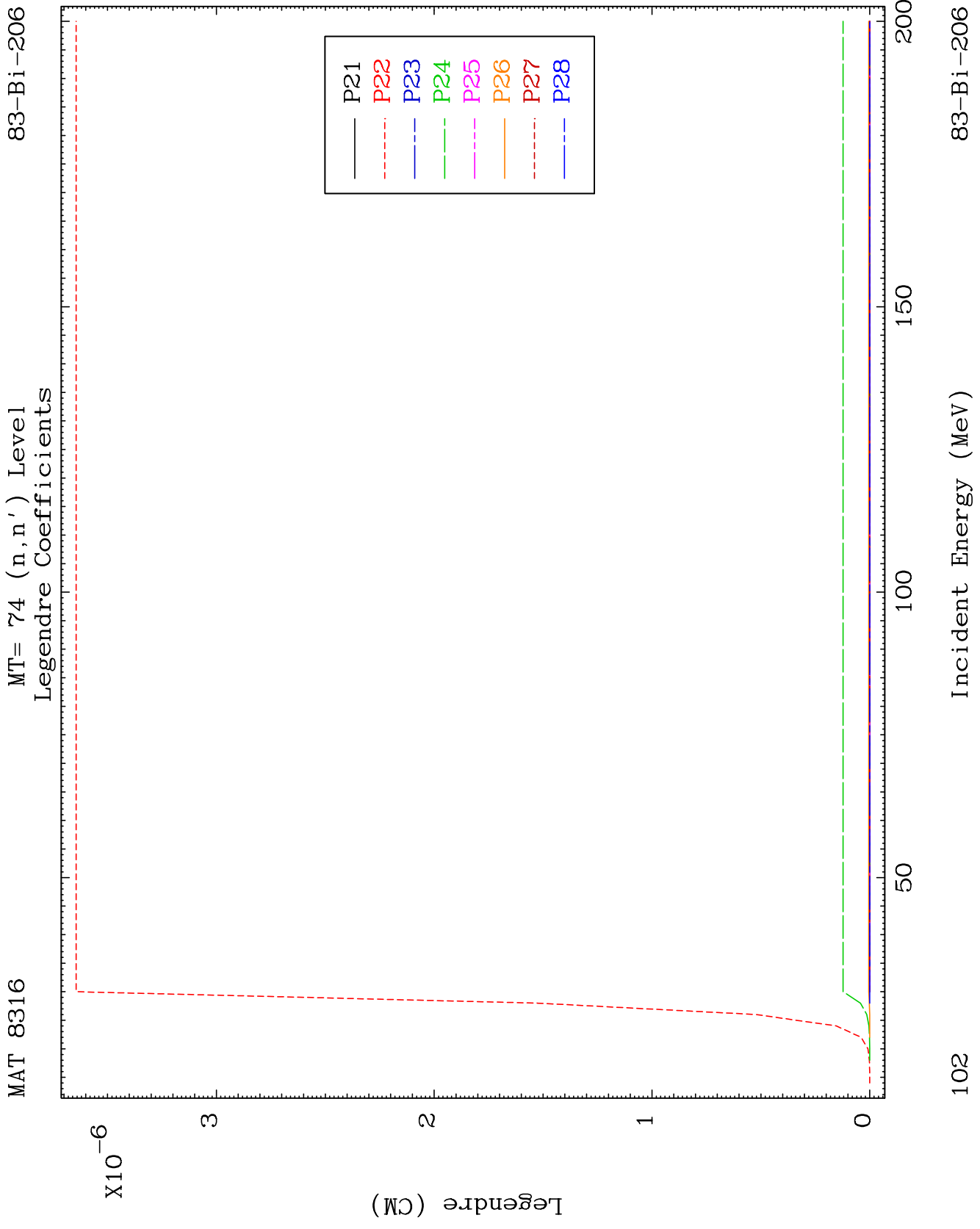
83-Bi-206



101

Incident Energy (MeV)

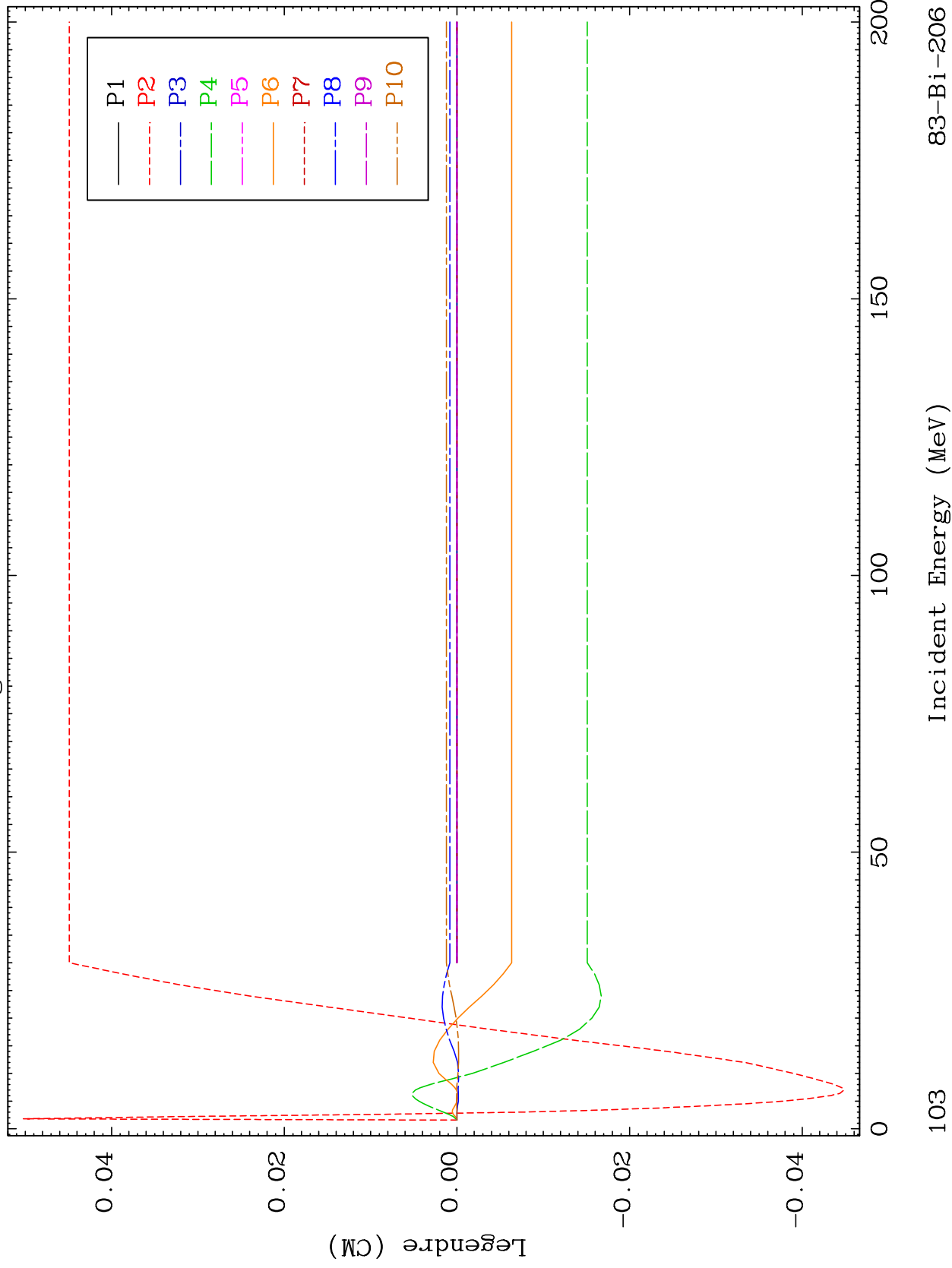
83-Bi-206



MAT 8316

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

83-Bi-206

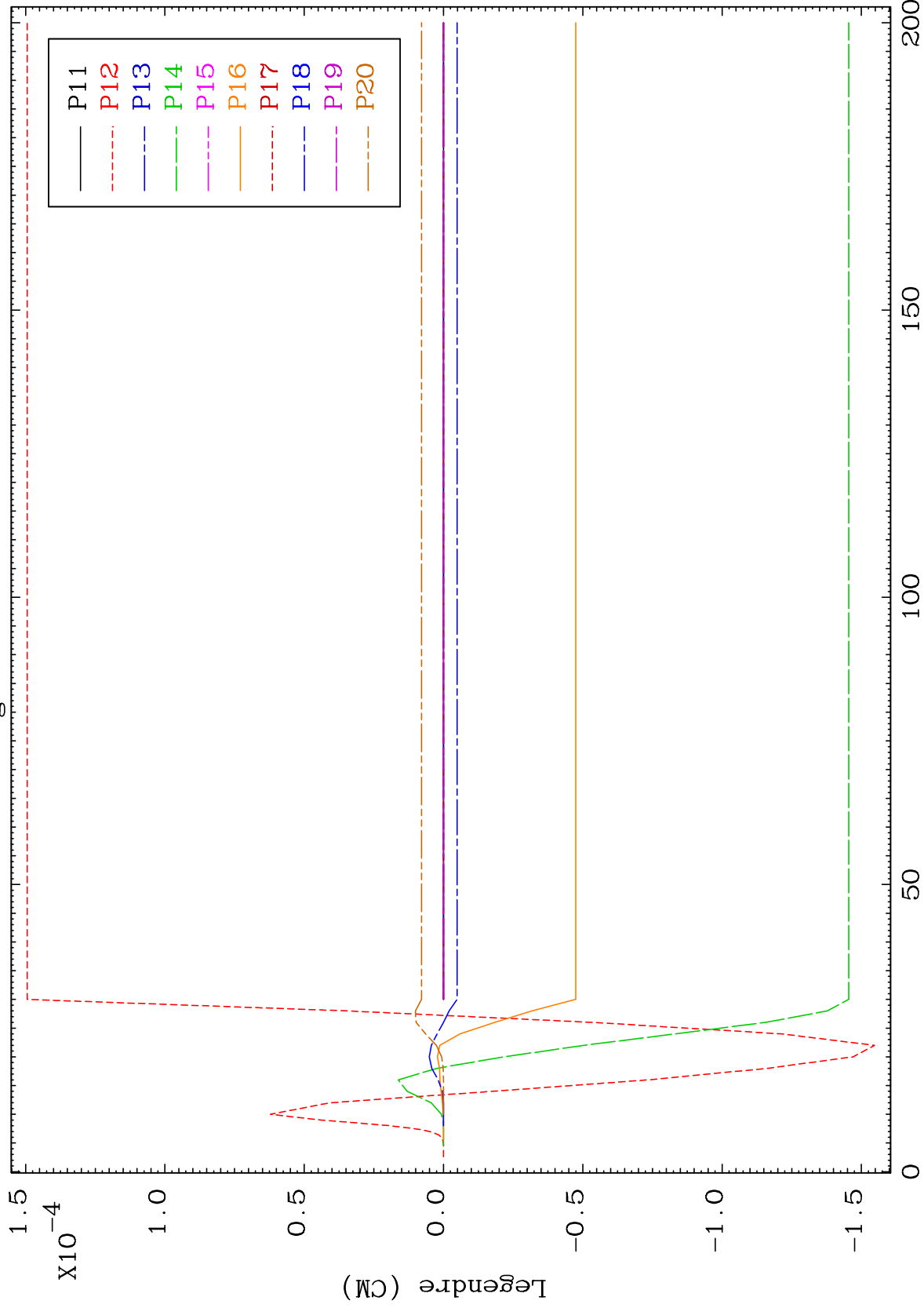


MAT 8316

MT= 75 (n,n') Level

83-Bi-206

Legendre Coefficients



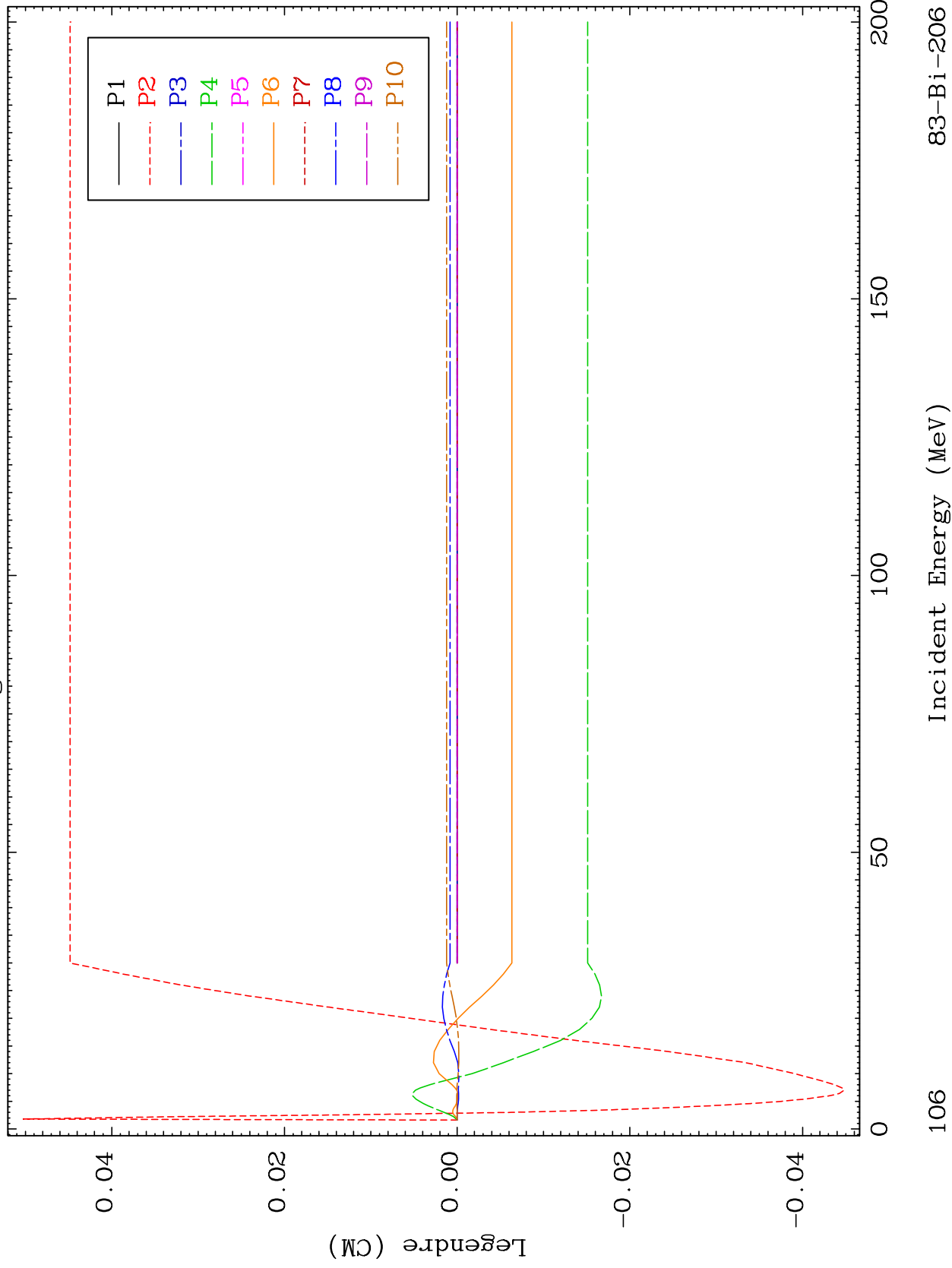
104

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

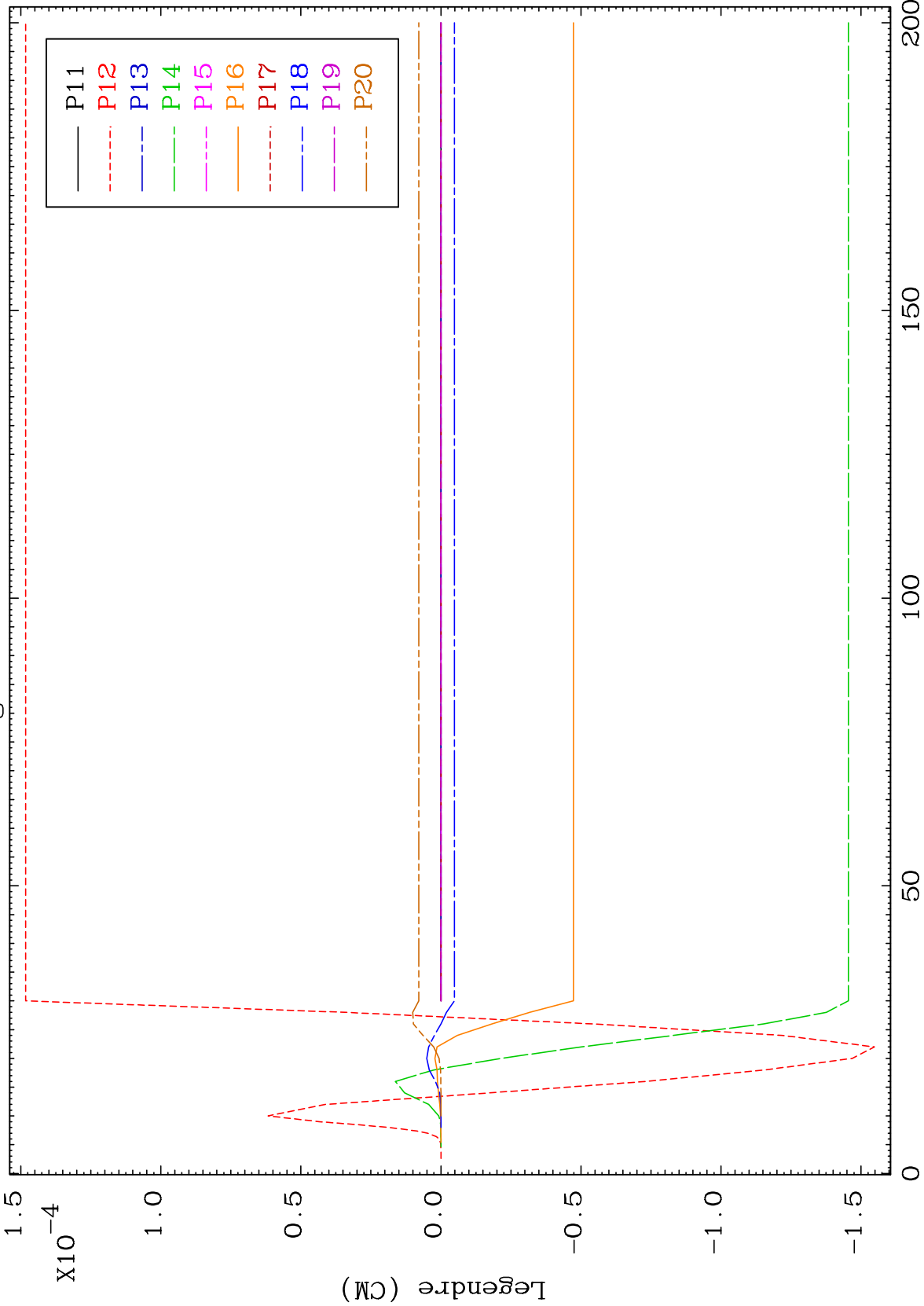
Incident Energy (MeV)

106

MAT 8316

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

83-Bi-206



107

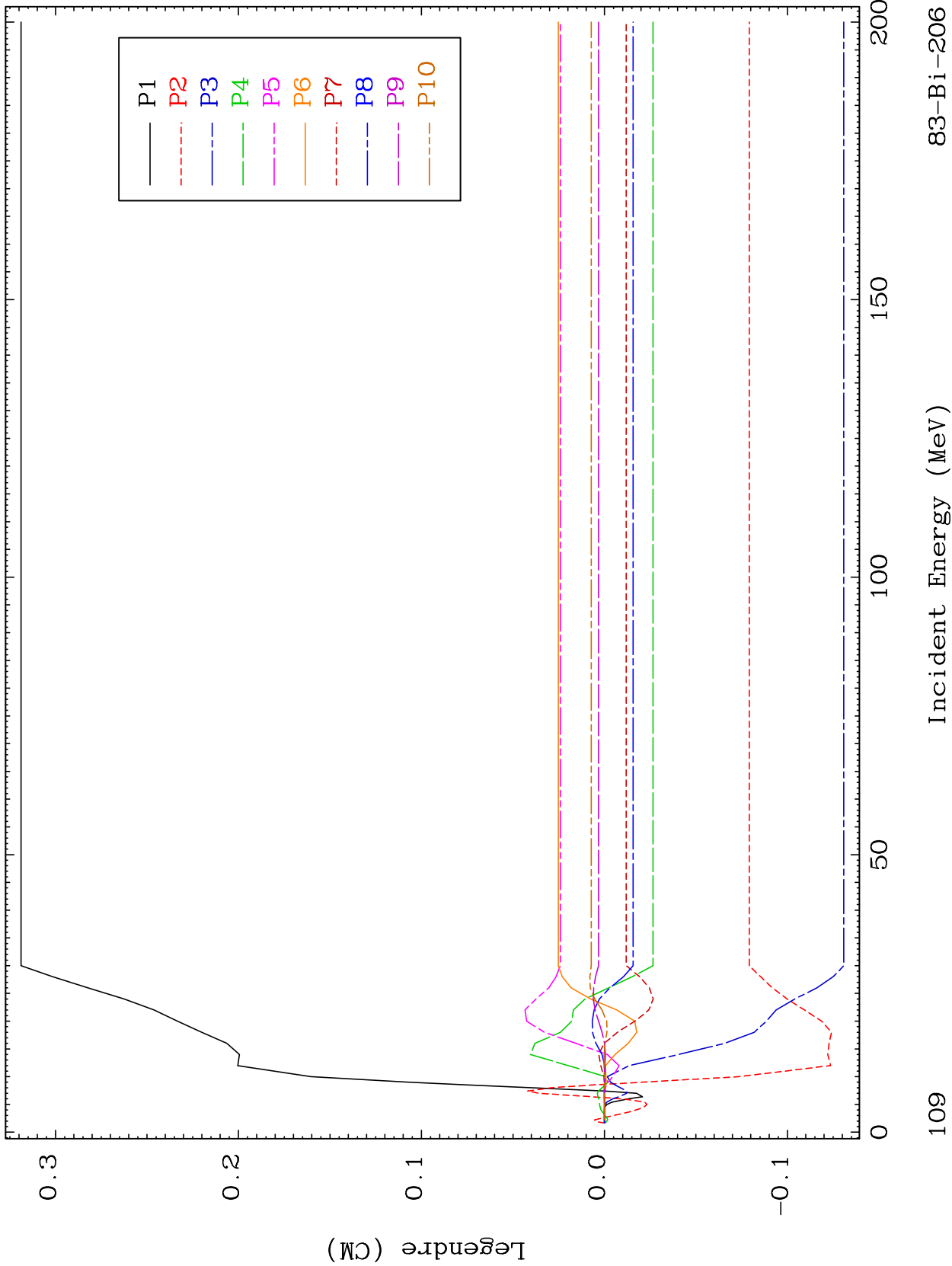
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

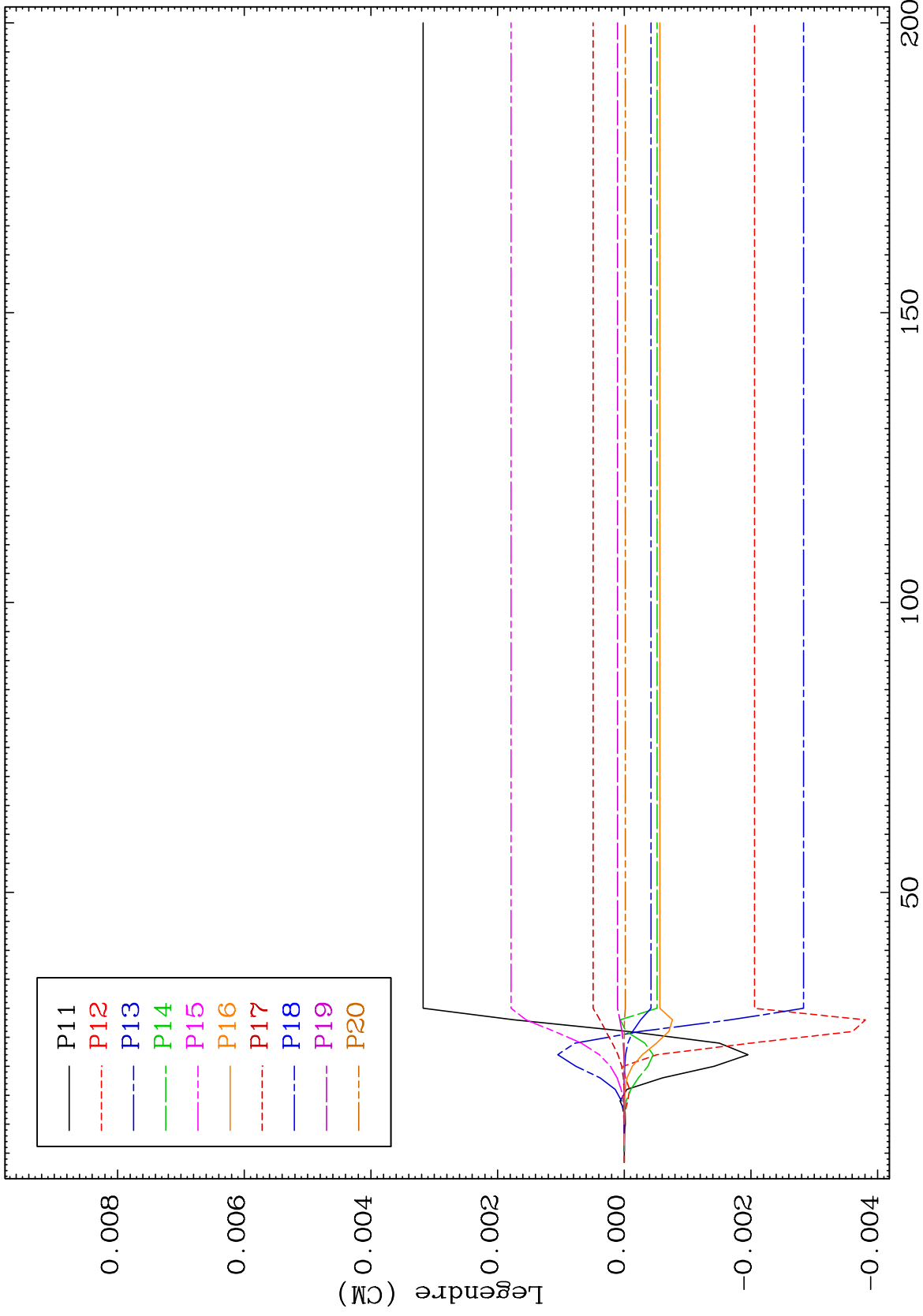
Incident Energy (MeV)

109

MAT 8316

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

83-Bi-206



110

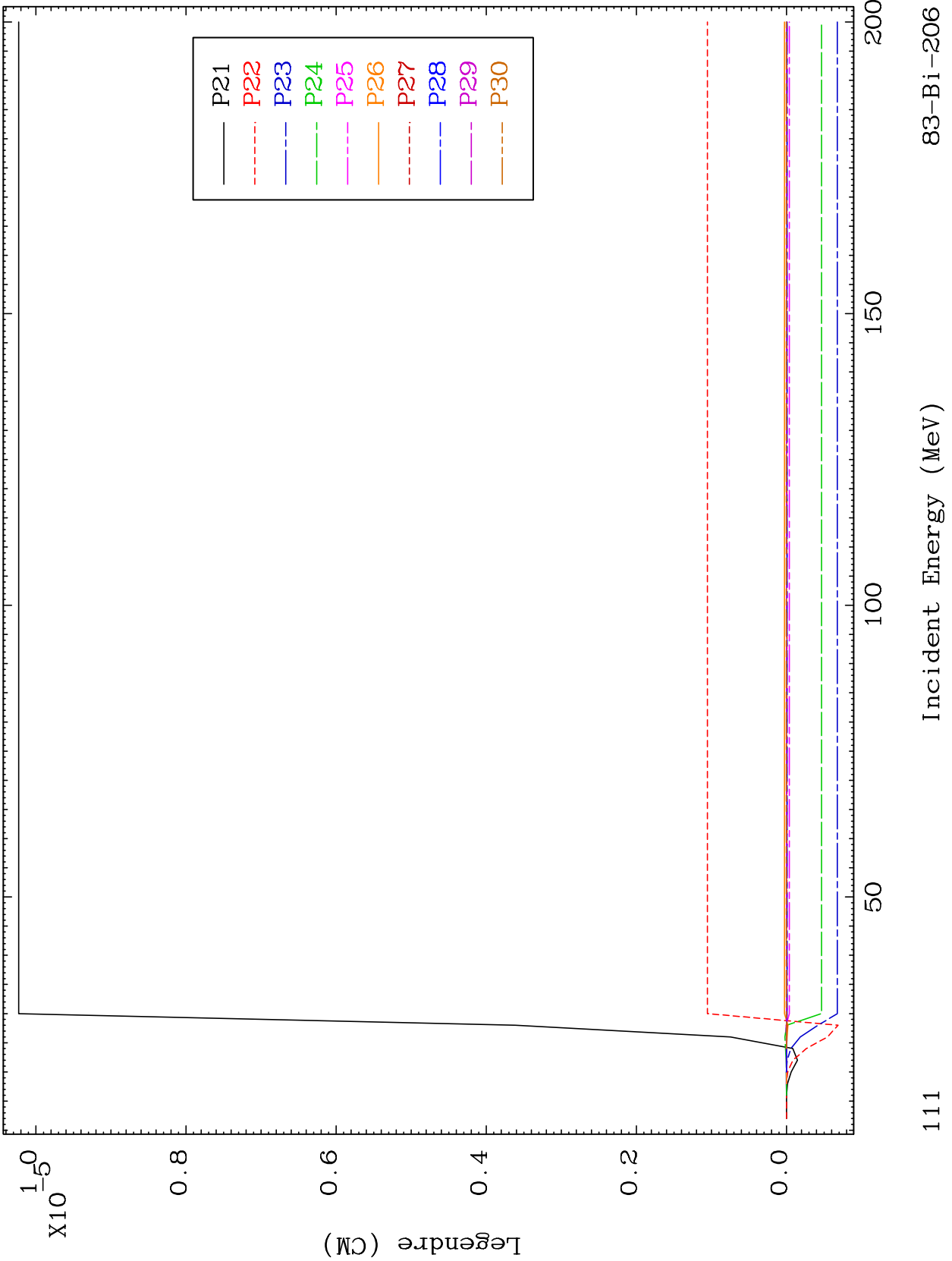
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

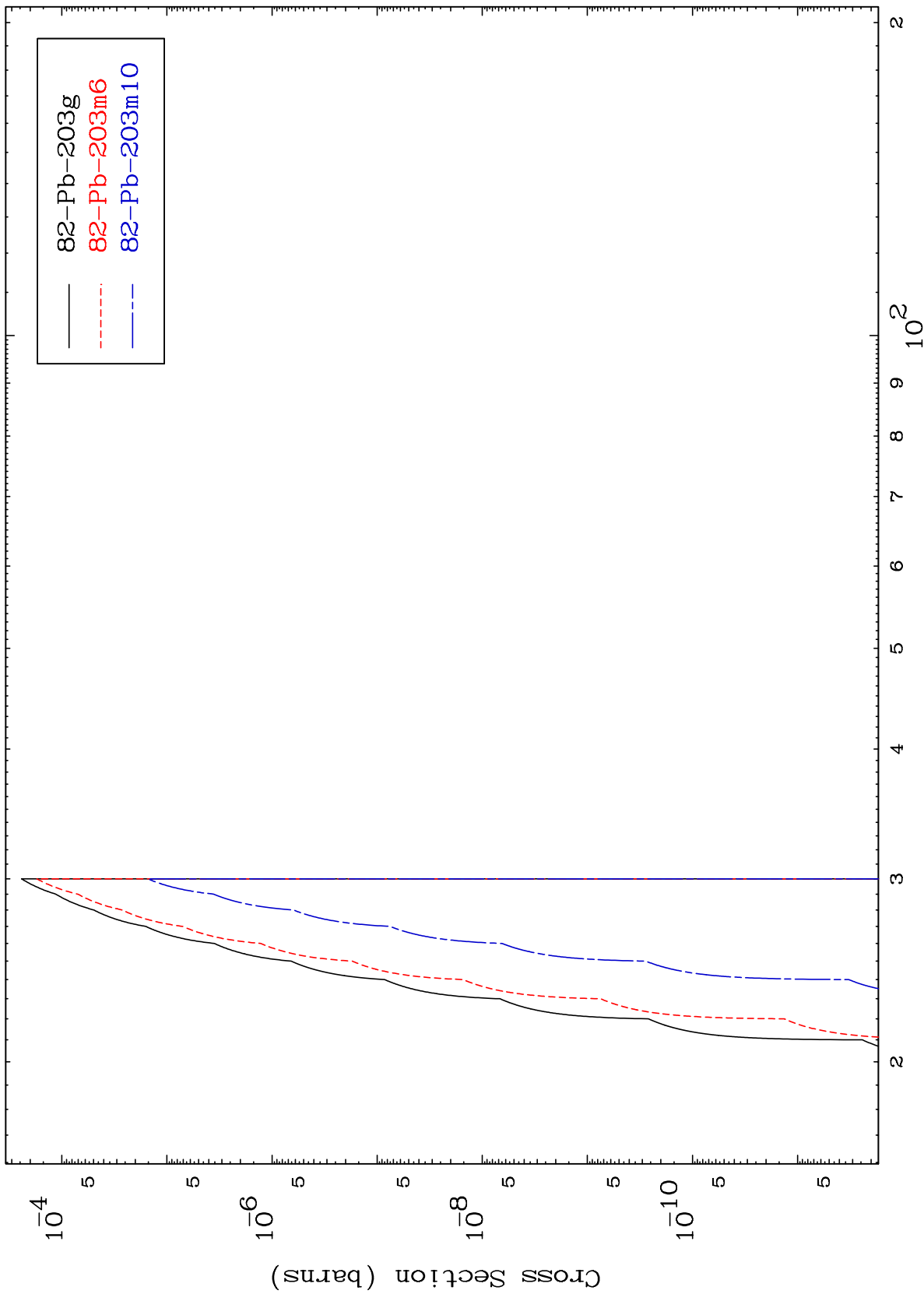
83-Bi-206



111

83-Bi-206

Radionuclide Production Cross Section

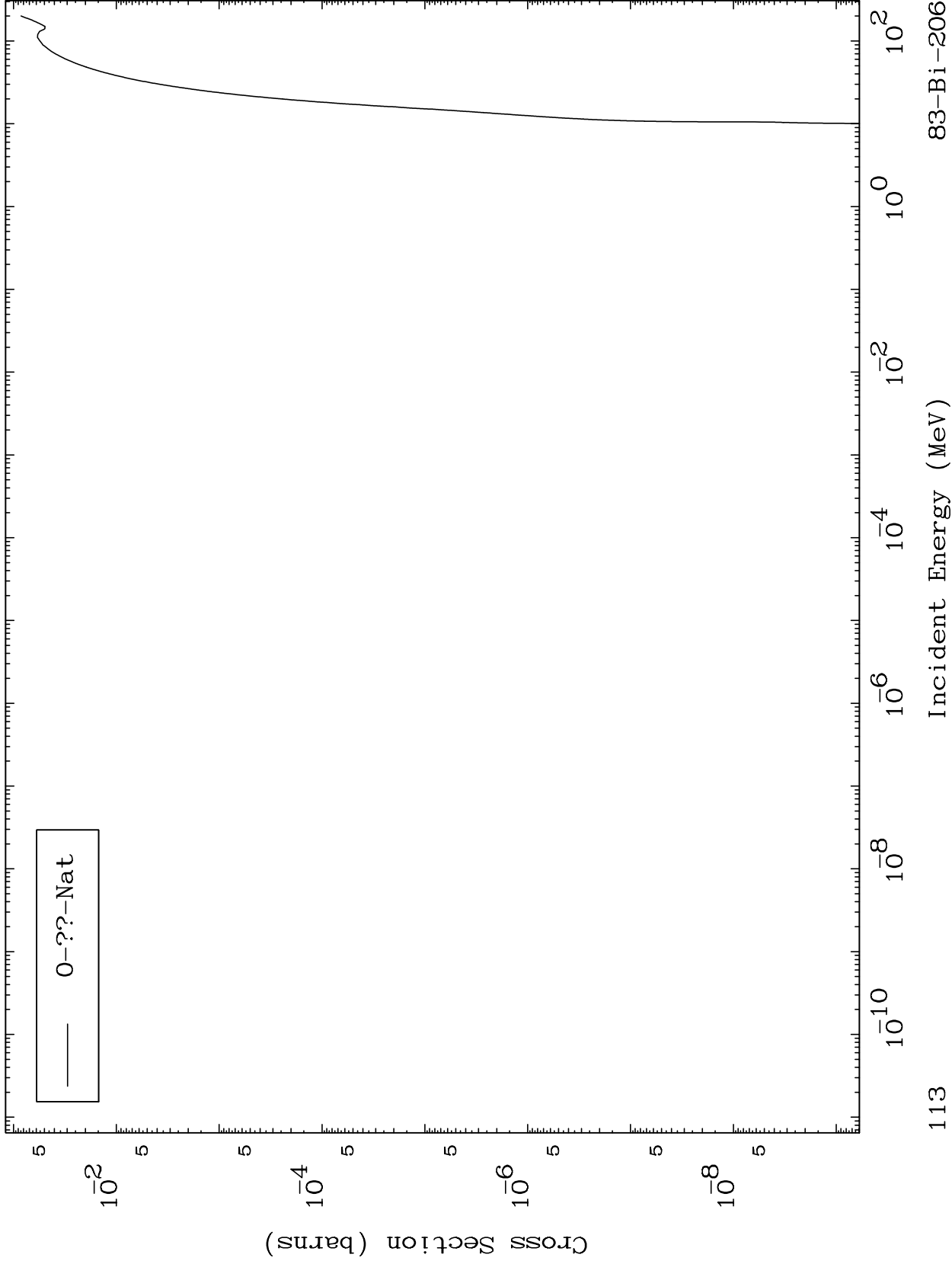


MAT 8316

Fission

83-Bi-206

Radionuclide Production Cross Section



113

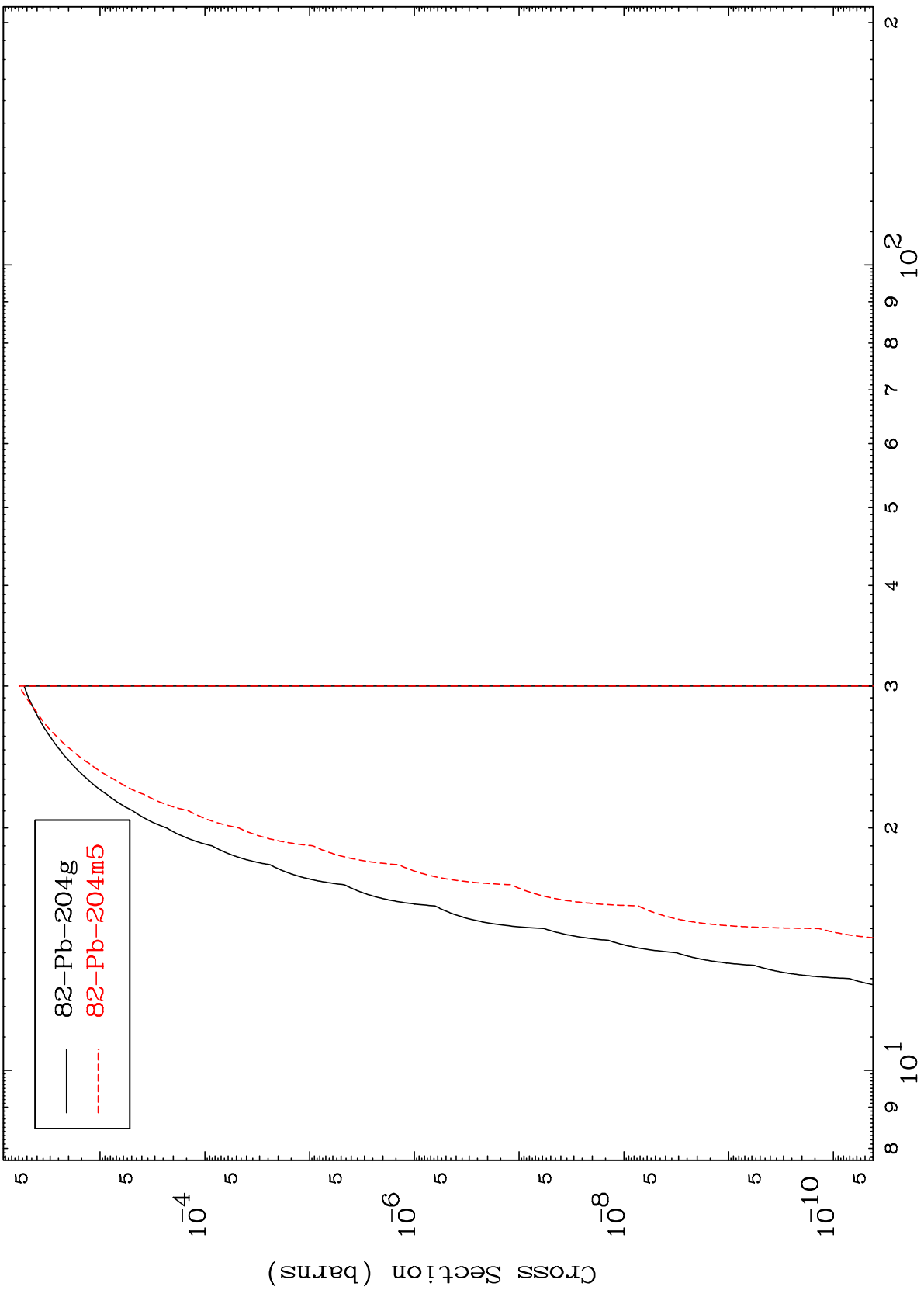
83-Bi-206

MAT 8316

(n,n') d

83-Bi-206

Radionuclide Production Cross Section



114

Incident Energy (MeV)

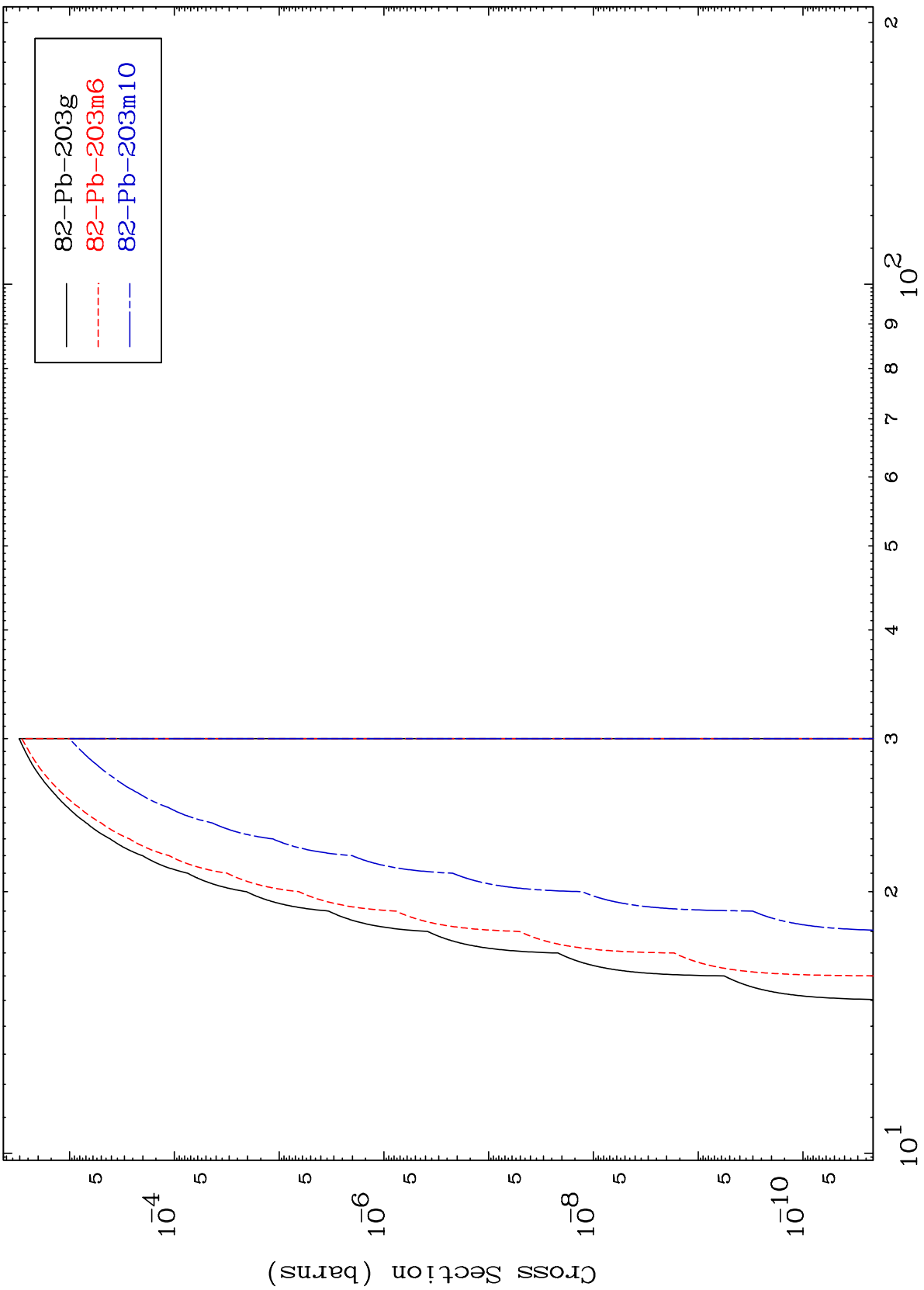
83-Bi-206

MAT 8316

(n,n') t

83-Bi-206

Radionuclide Production Cross Section

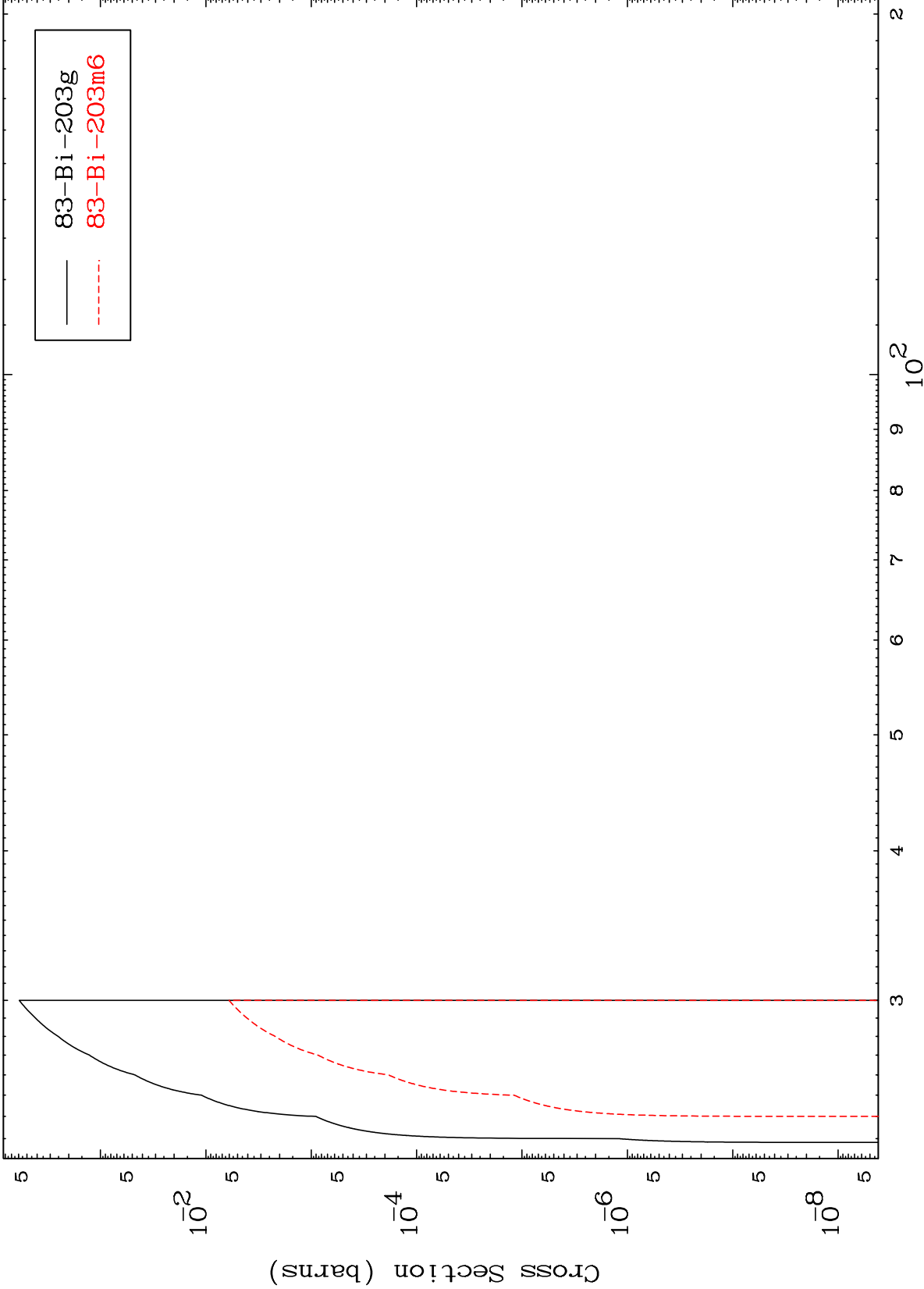


115

Incident Energy (MeV)

83-Bi-206

Radionuclide Production Cross Section

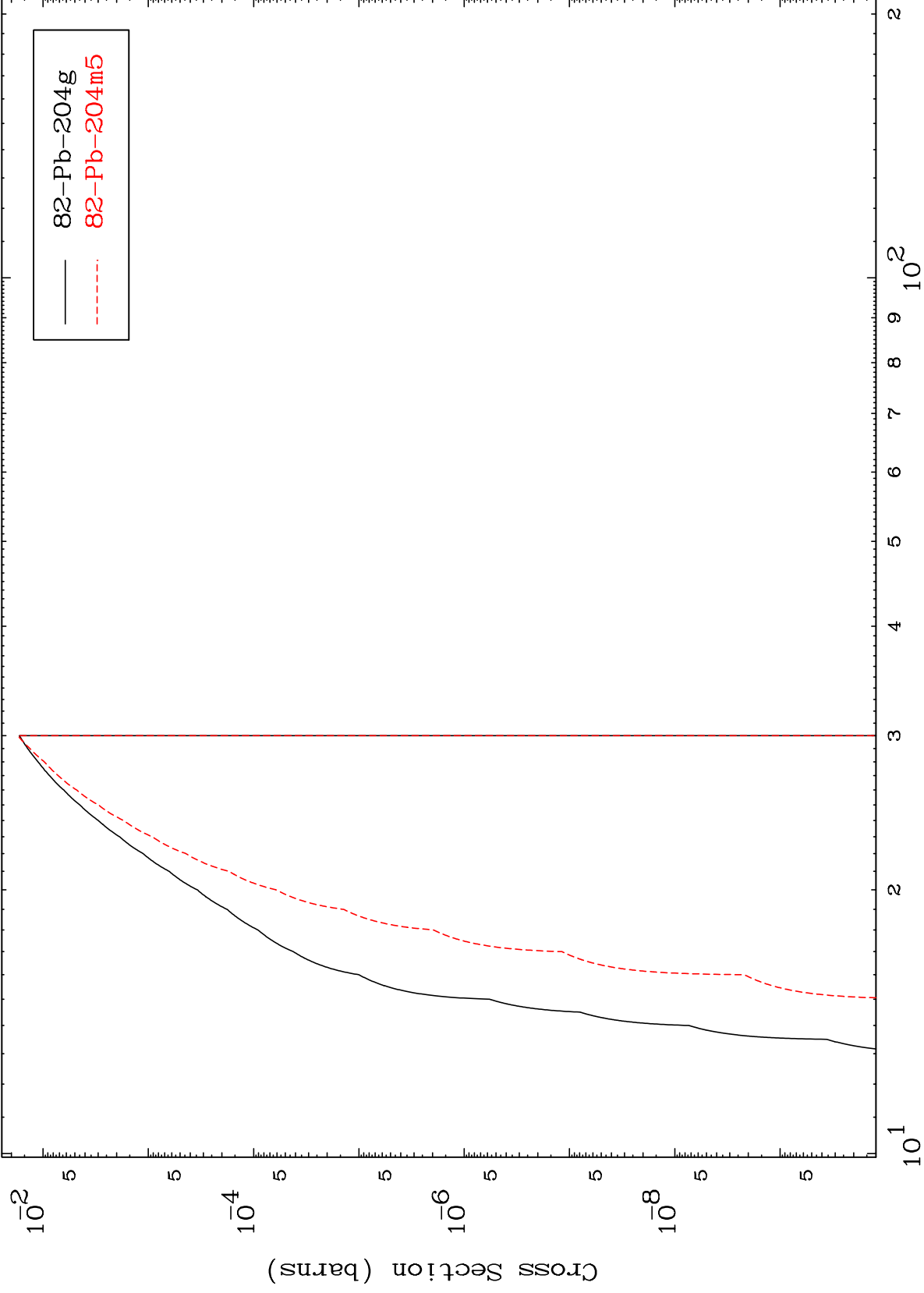


MAT 8316

(n,2n) p

83-Bi-206

Radionuclide Production Cross Section



117

Incident Energy (MeV)

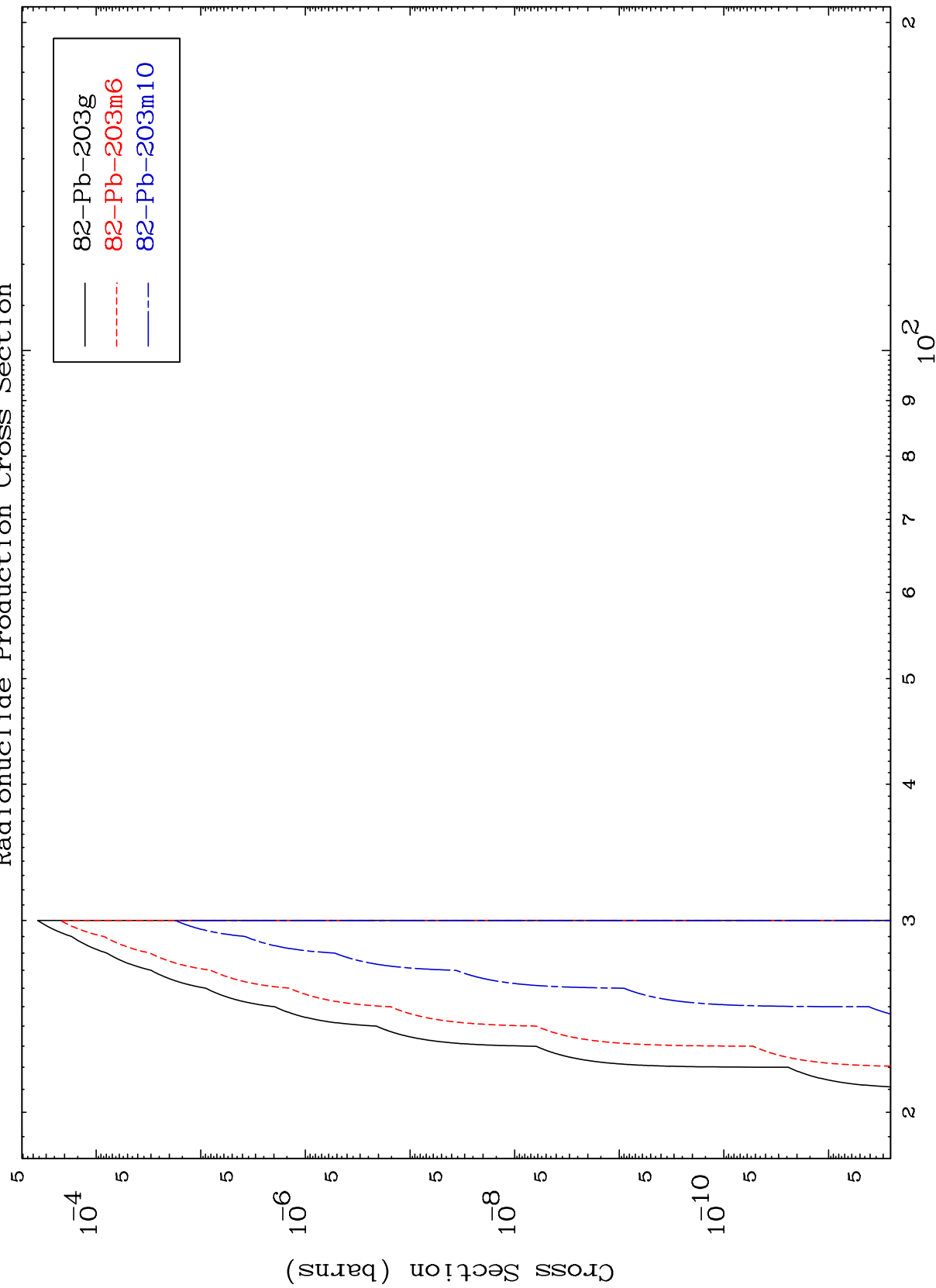
83-Bi-206

MAT 8316

(n,3n) p

83-Bi-206

Radionuclide Production Cross Section



118

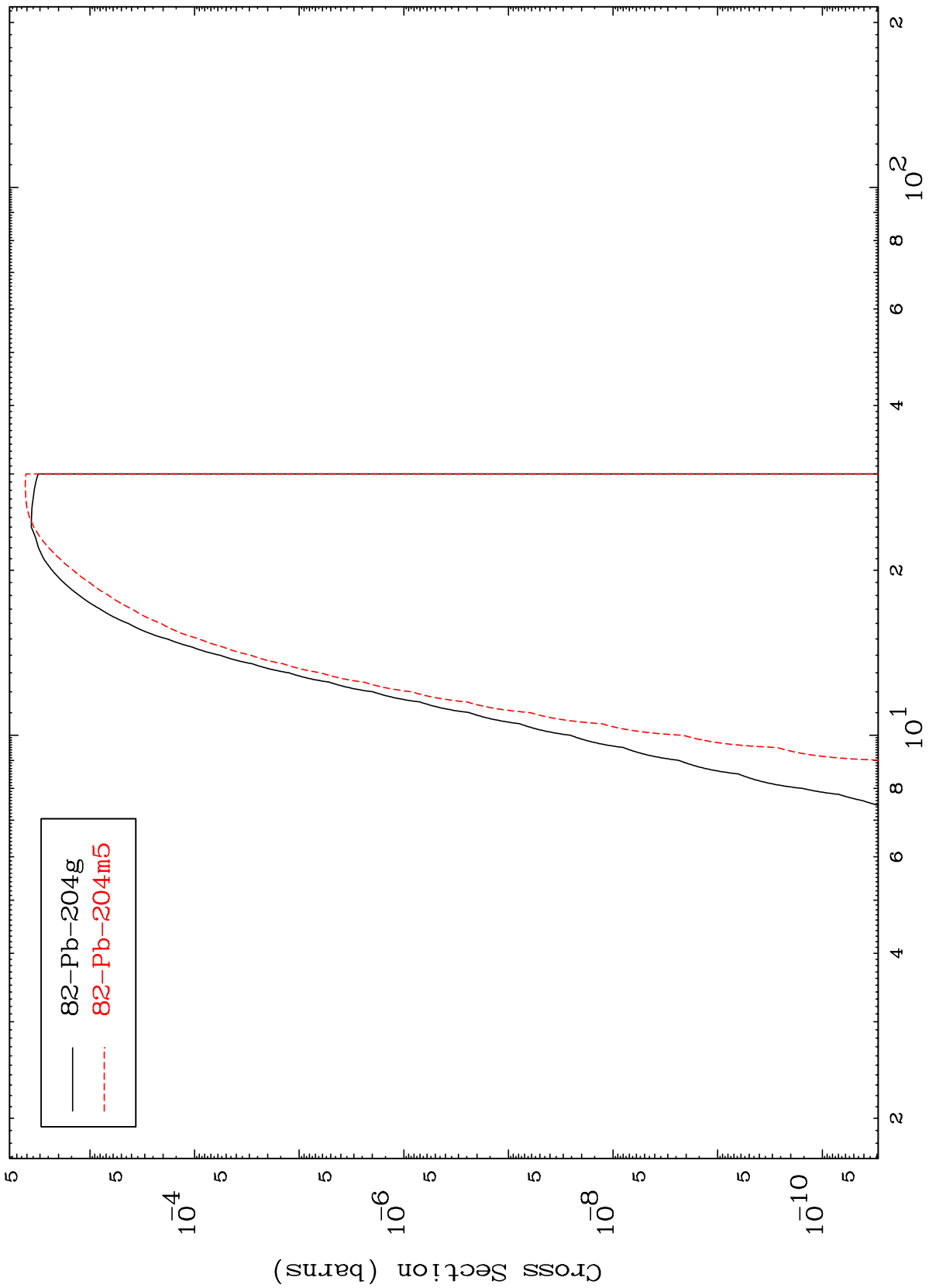
Incident Energy (MeV)

83-Bi-206

MAT 8316

83-Bi-206

(n, t)
Radionuclide Production Cross Section



— 82-Pb-204g
- - - 82-Pb-204m5

119

Incident Energy (MeV)

83-Bi-206