

Program EVALPLOT
(Version 2021-1)

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

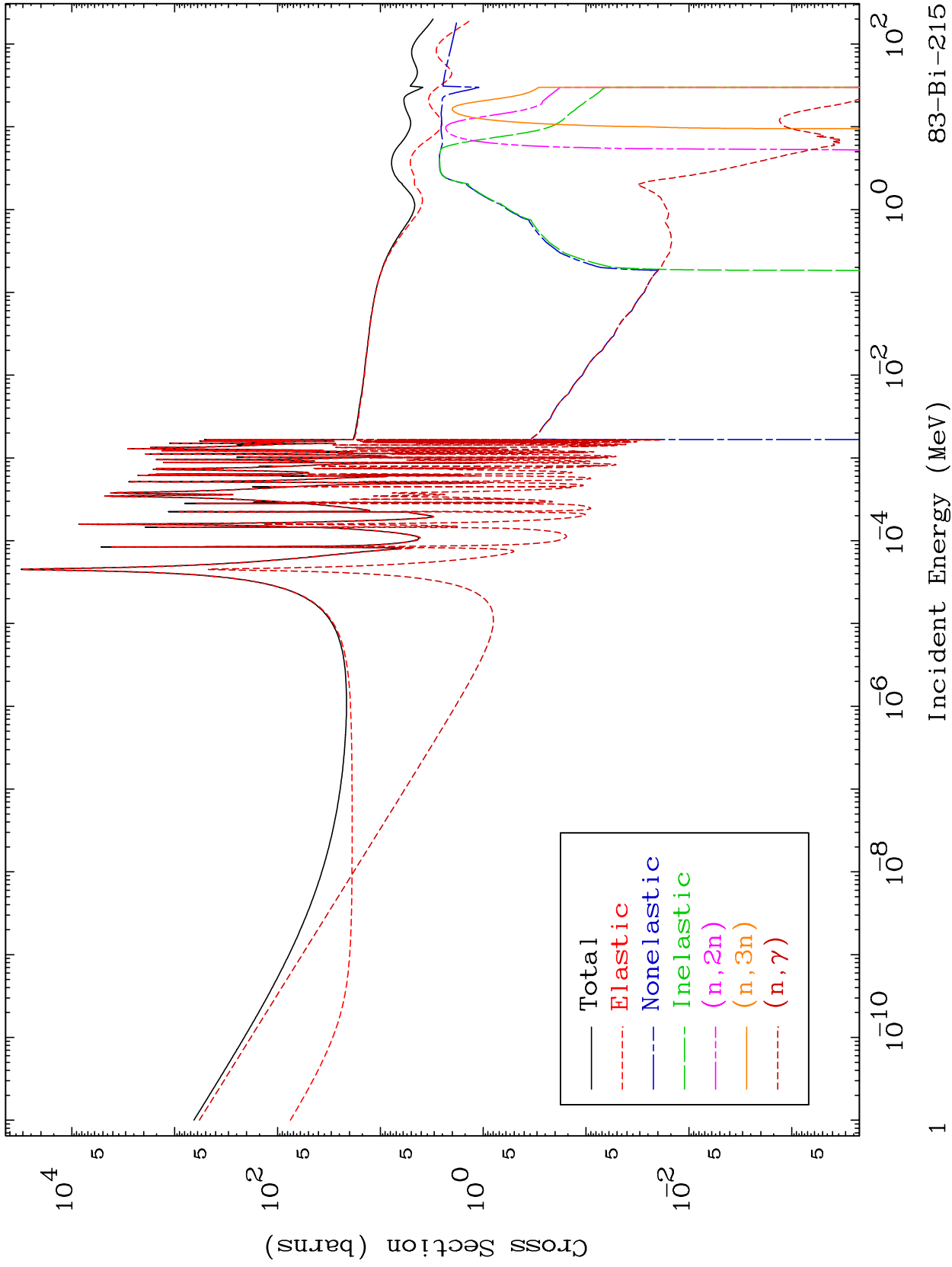
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8343

Neutron Major
293 Kelvin Cross Sections

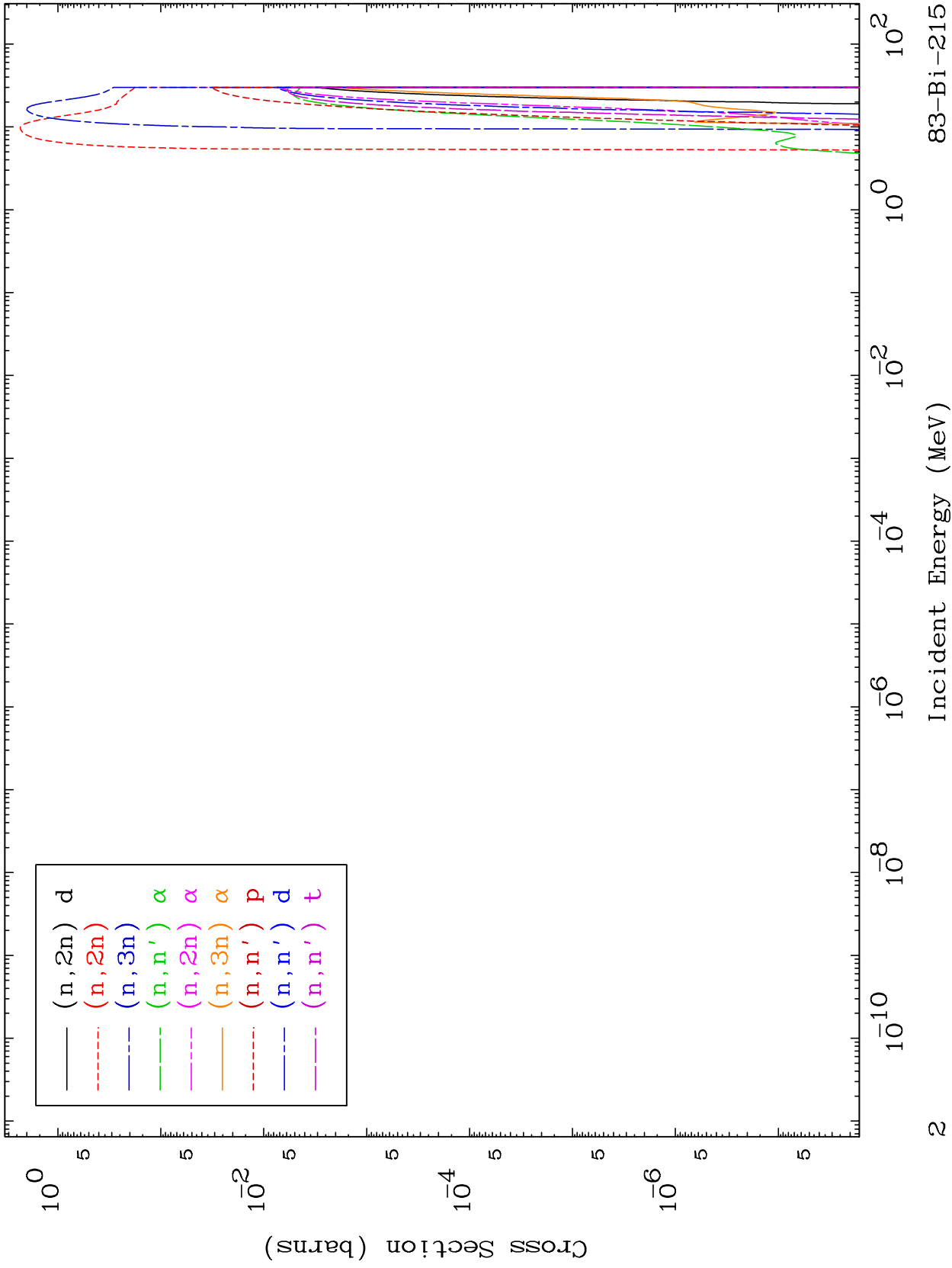
83-Bi-215



MAT 8343

Neutron Absorption
293 Kelvin Cross Sections

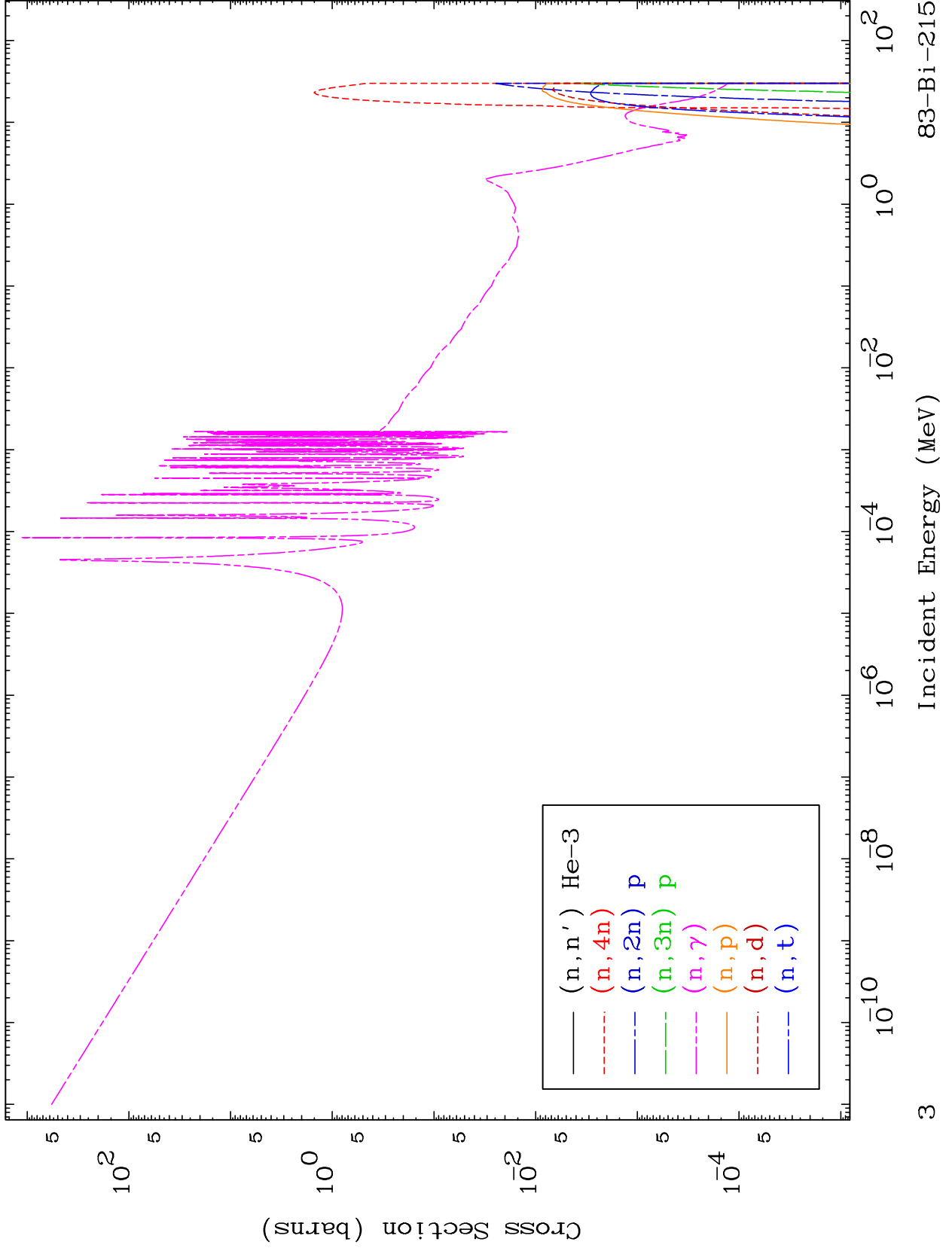
83-Bi-215



MAT 8343

Neutron Absorption
293 Kelvin Cross Sections

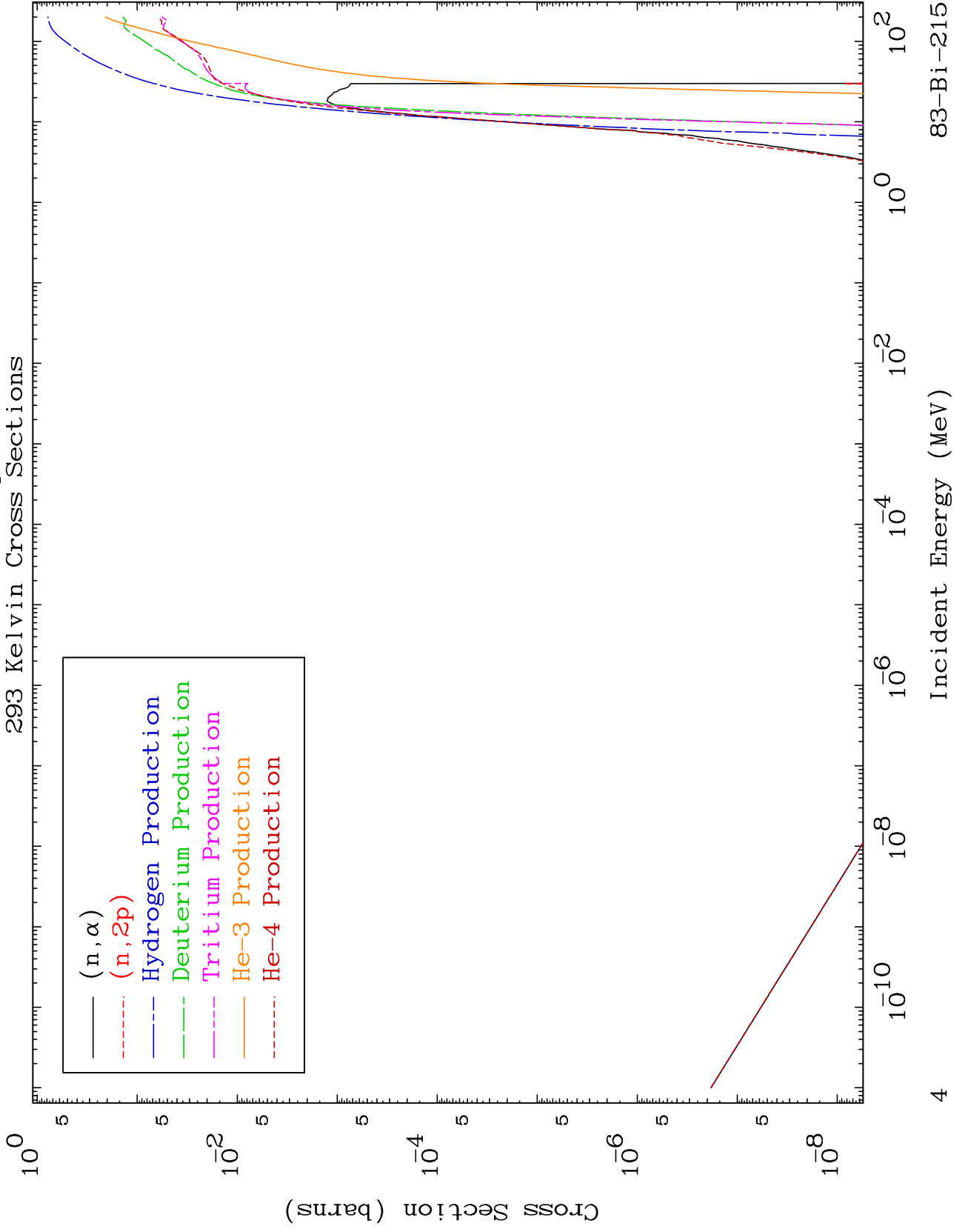
83-Bi-215



MAT 8343

Neutron Absorption
293 Kelvin Cross Sections

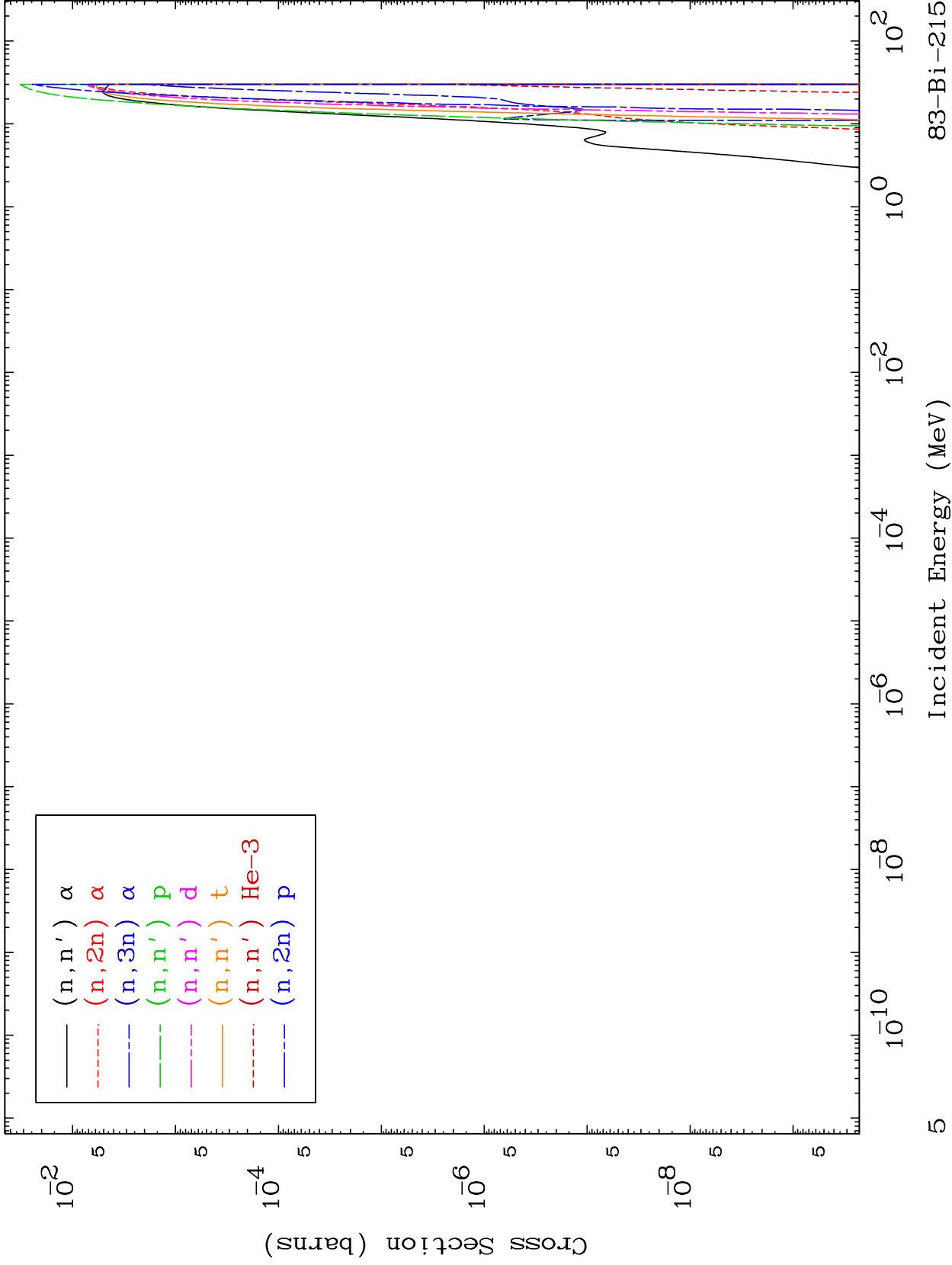
83-Bi-215



MAT 8343

Charged Particle
293 Kelvin Cross Sections

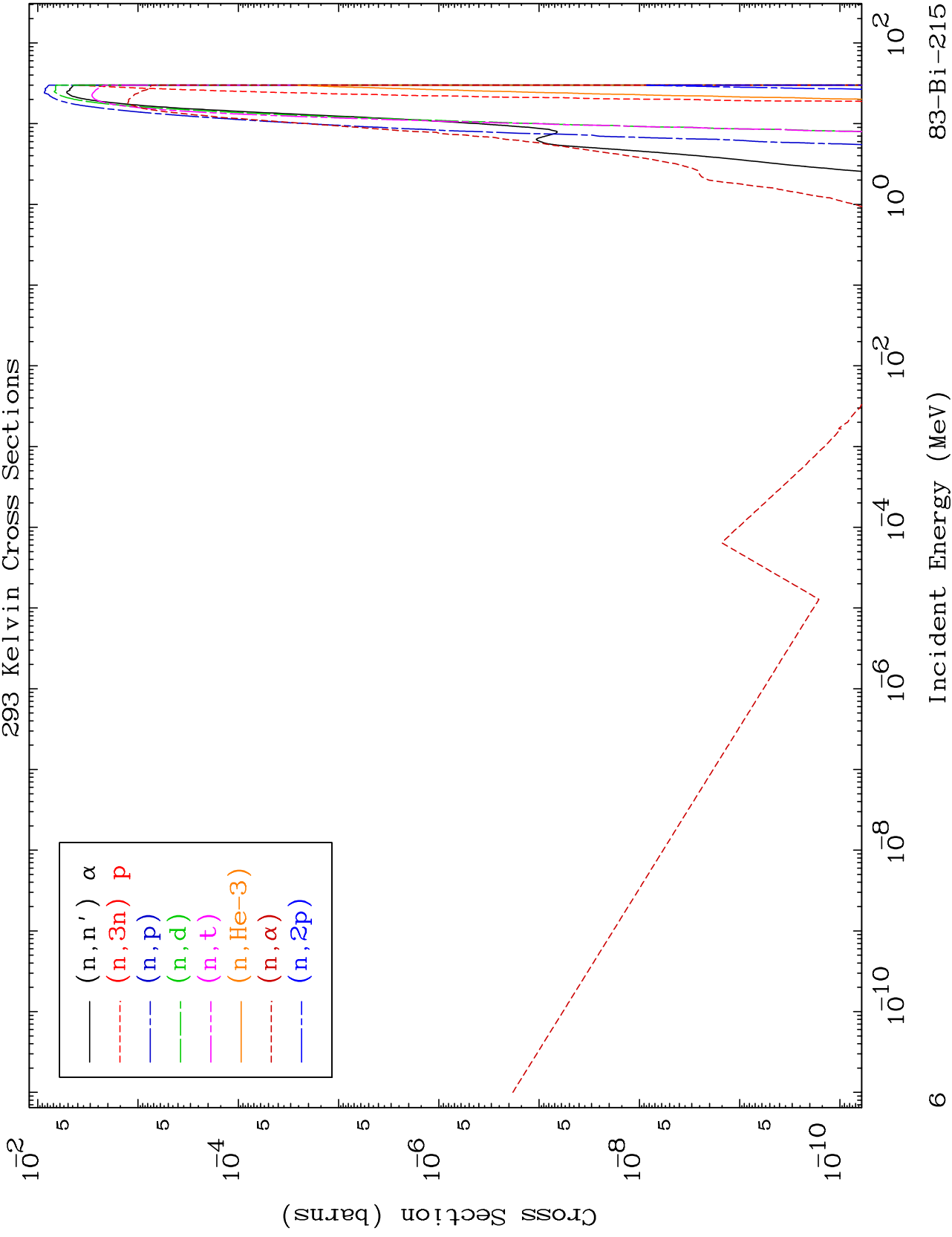
83-Bi-215



MAT 8343

Charged Particle
293 Kelvin Cross Sections

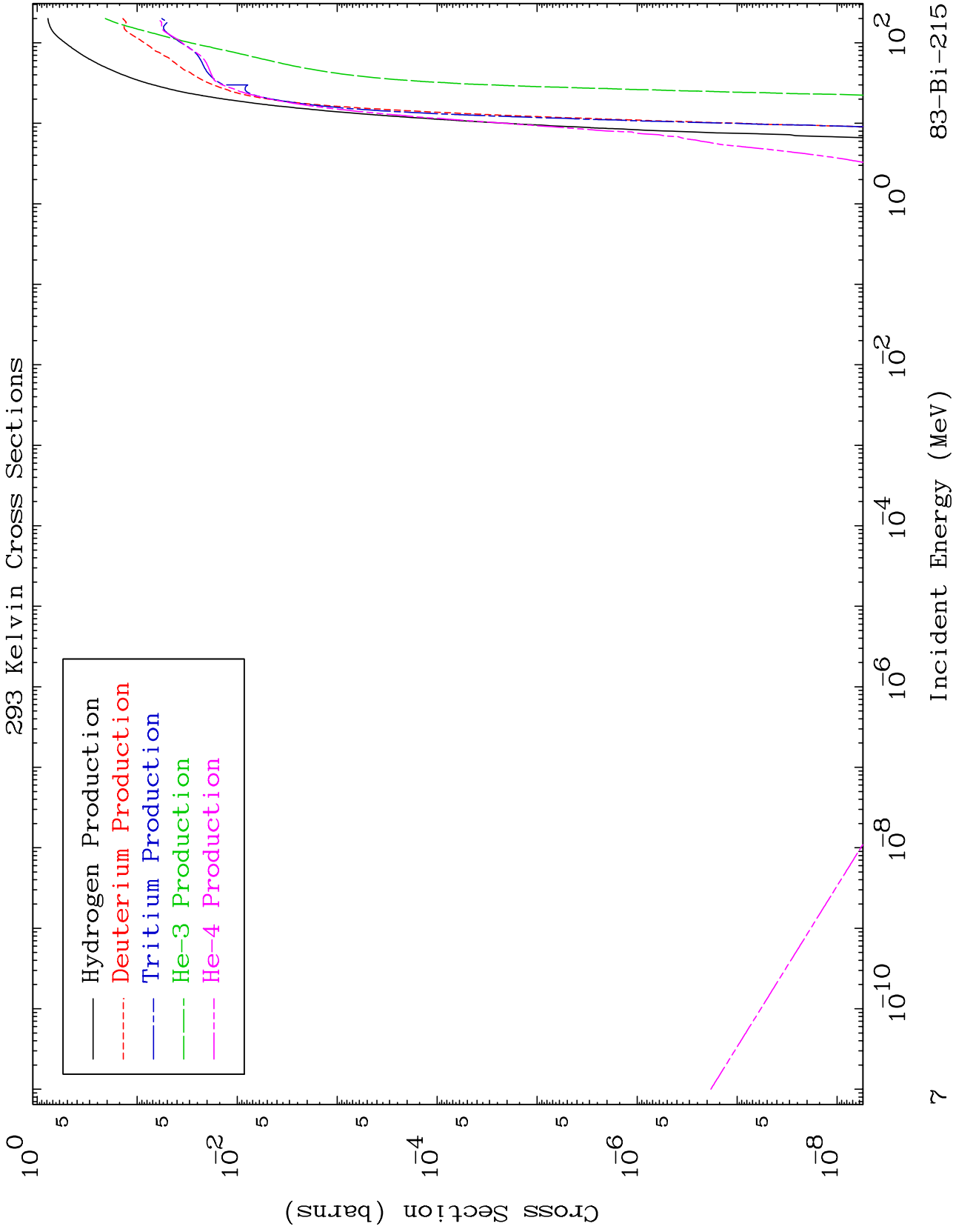
83-Bi-215



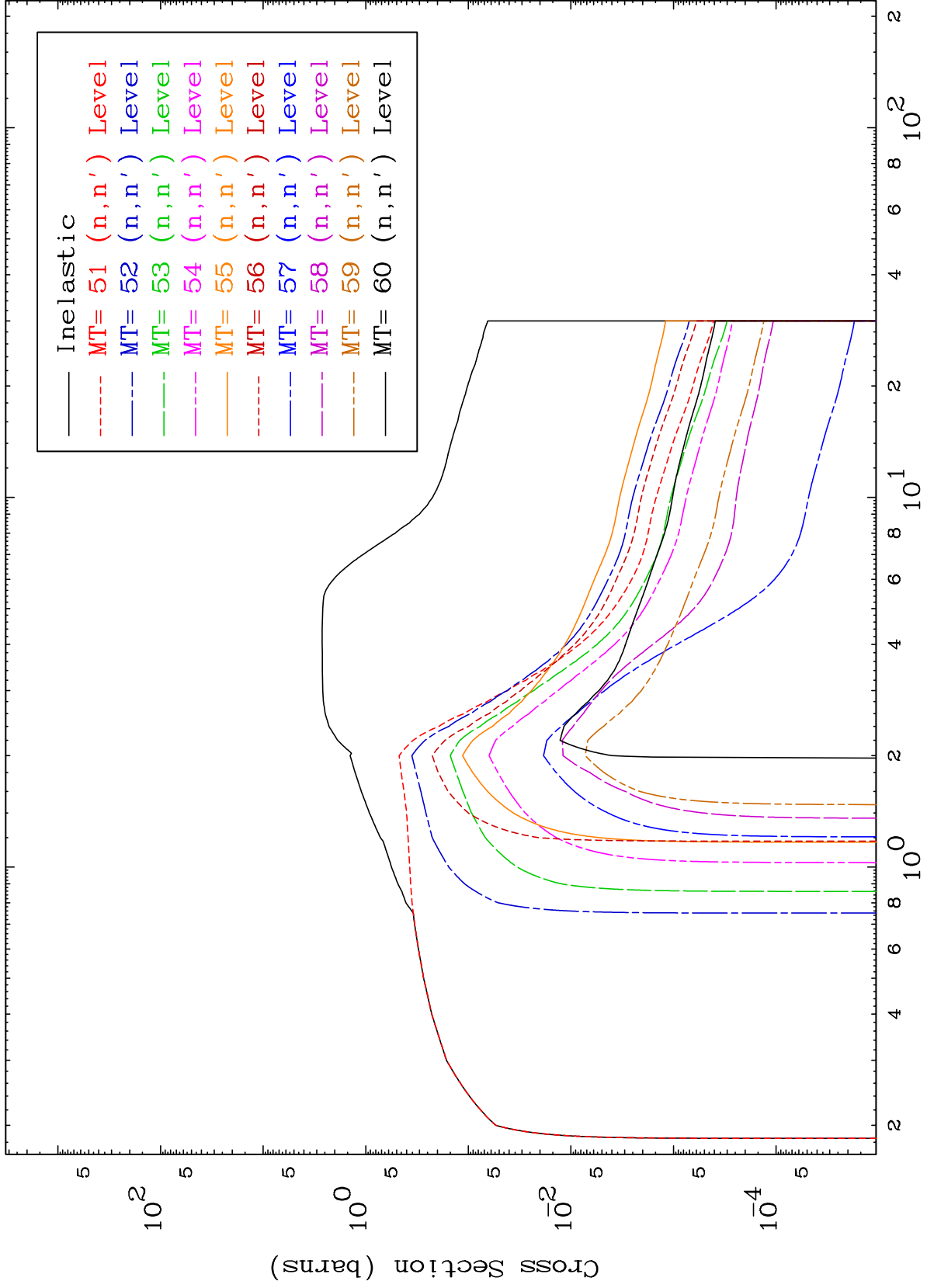
MAT 8343

Particle Production
293 Kelvin Cross Sections

83-Bi-215



293 Kelvin Cross Sections

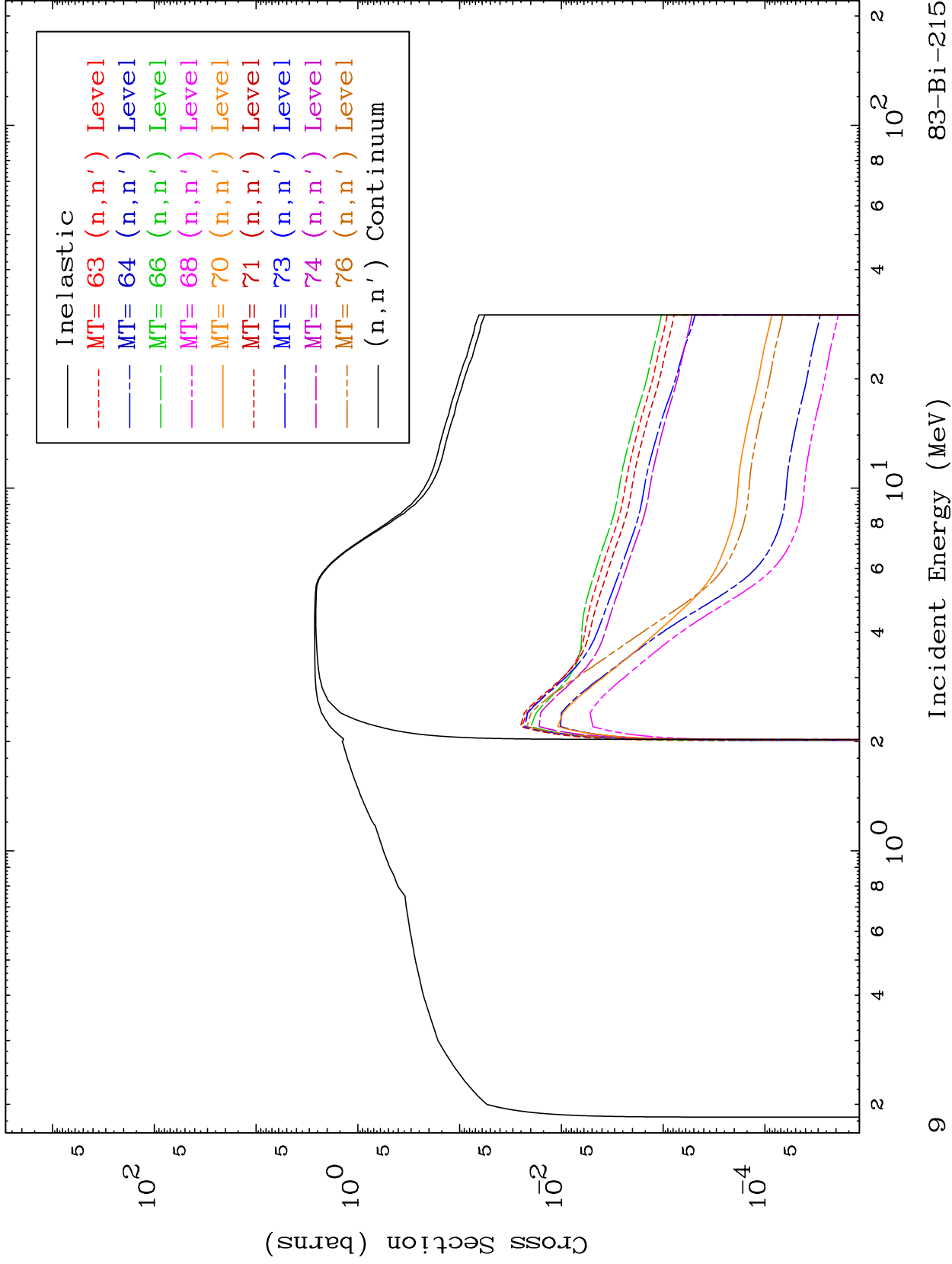


MAT 8343

(n,n') Levels

83-Bi-215

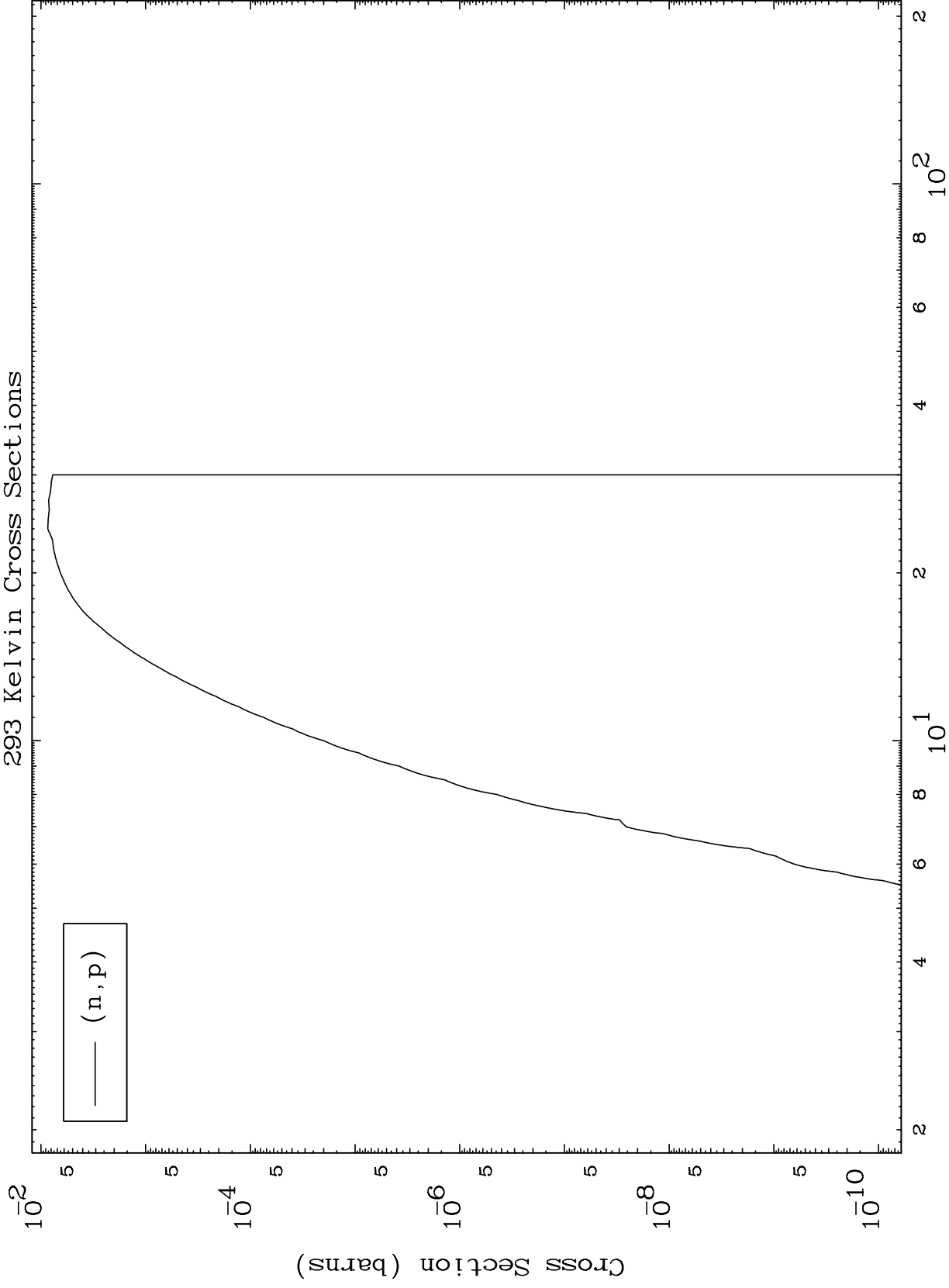
293 Kelvin Cross Sections



MAT 8343

(n,p) Levels
293 Kelvin Cross Sections

83-Bi-215



10

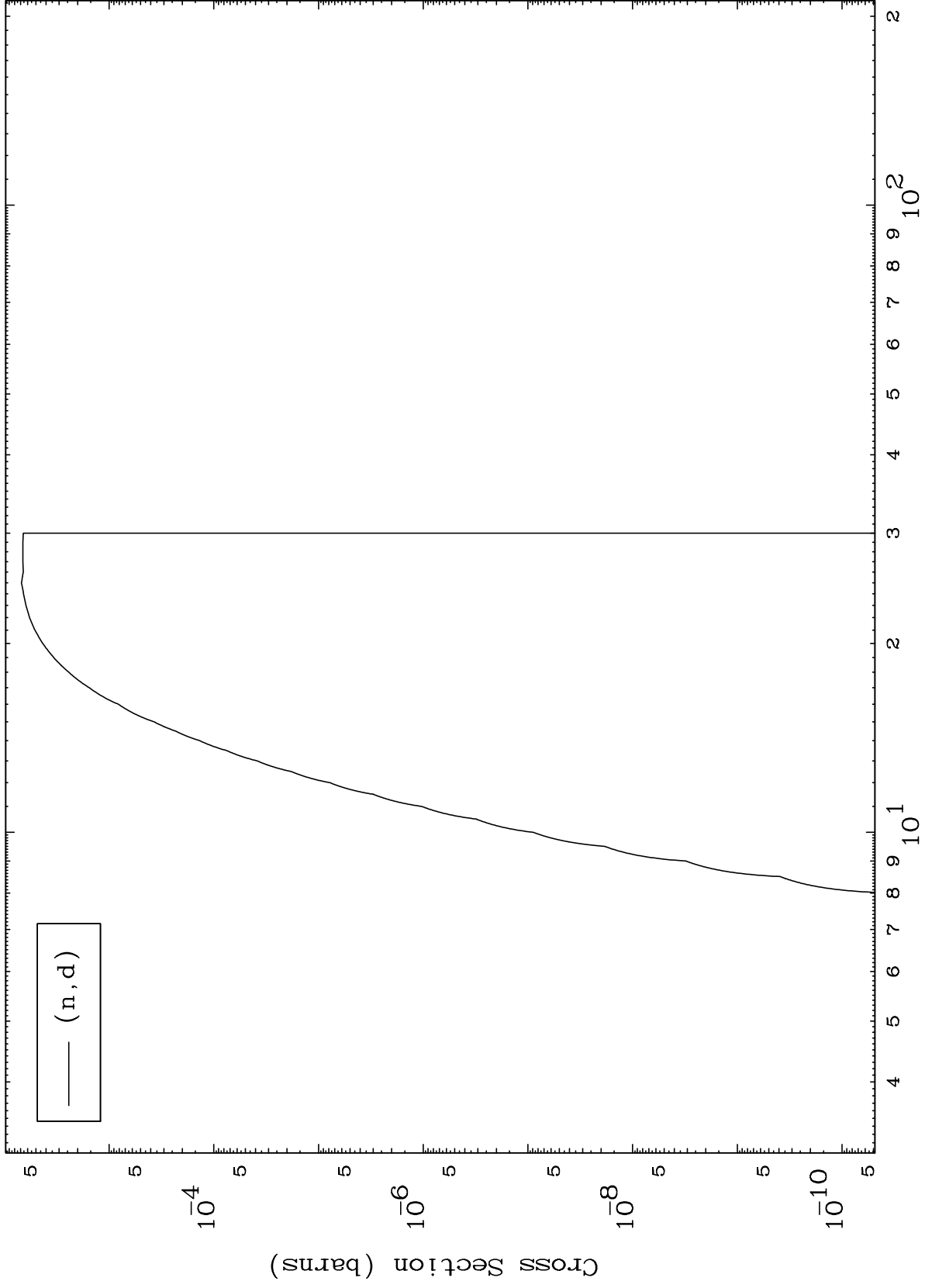
Incident Energy (MeV)

83-Bi-215

MAT 8343

(n,d) Levels
293 Kelvin Cross Sections

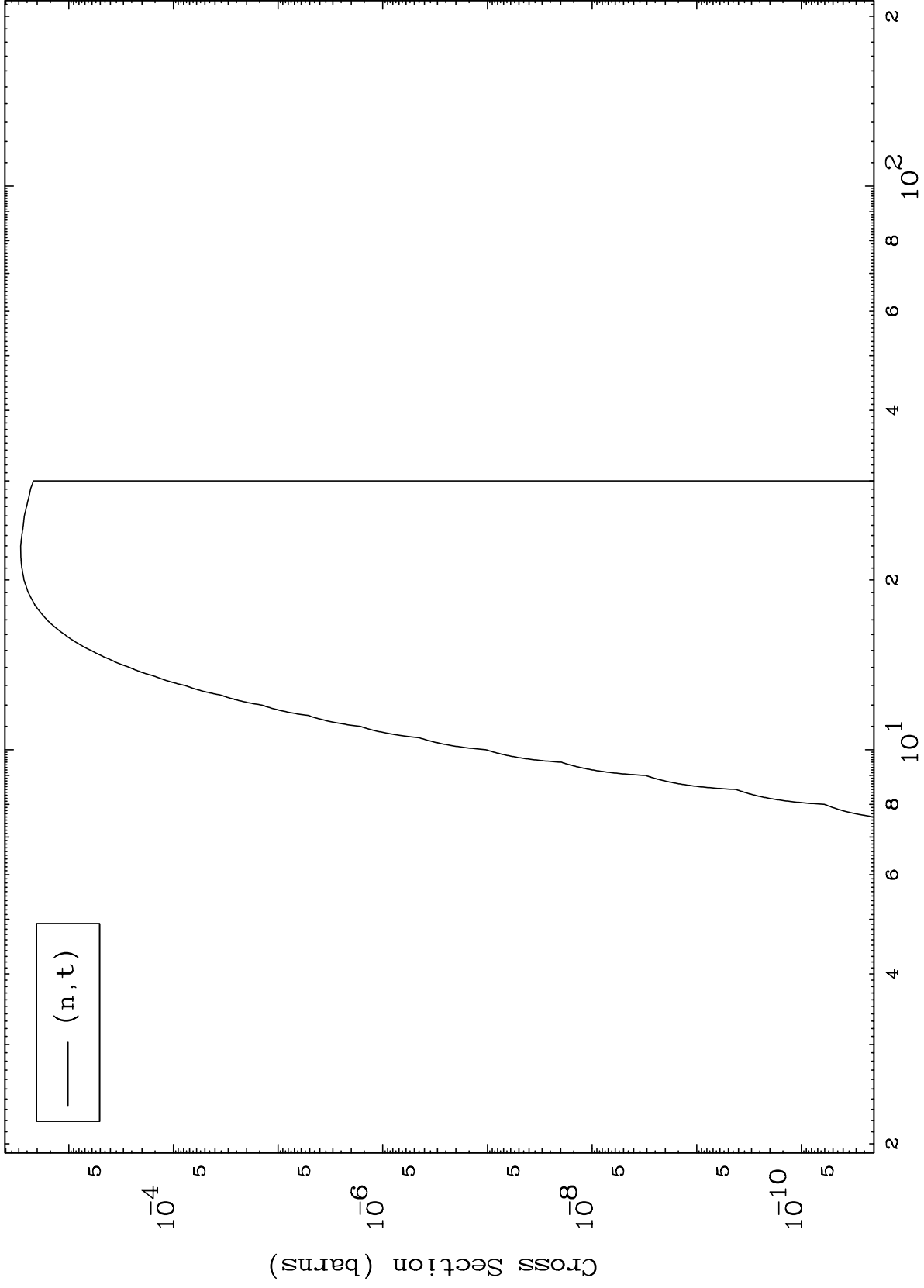
83-Bi-215



MAT 8343

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-215



12

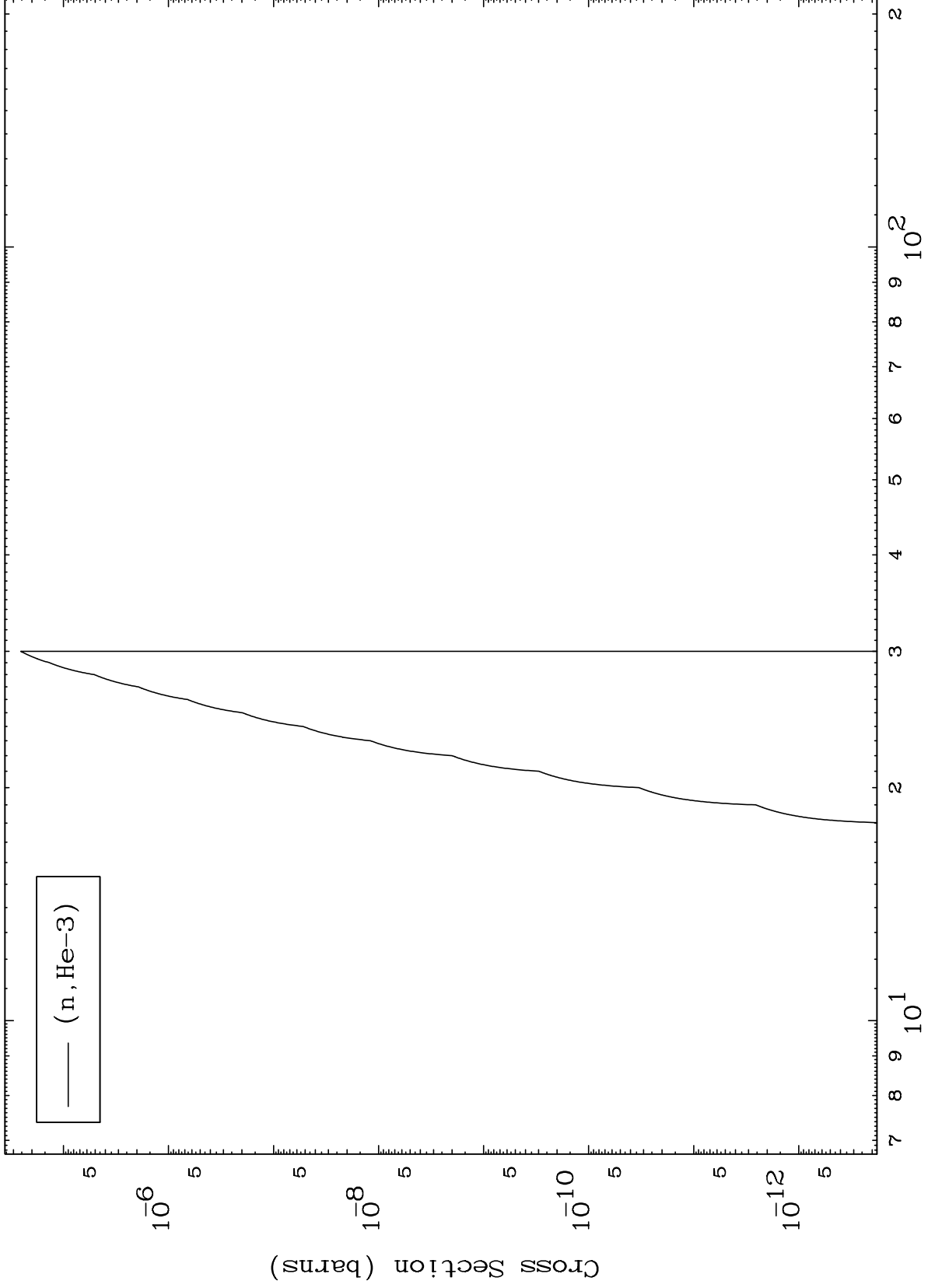
Incident Energy (MeV)

83-Bi-215

MAT 8343

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-215



13

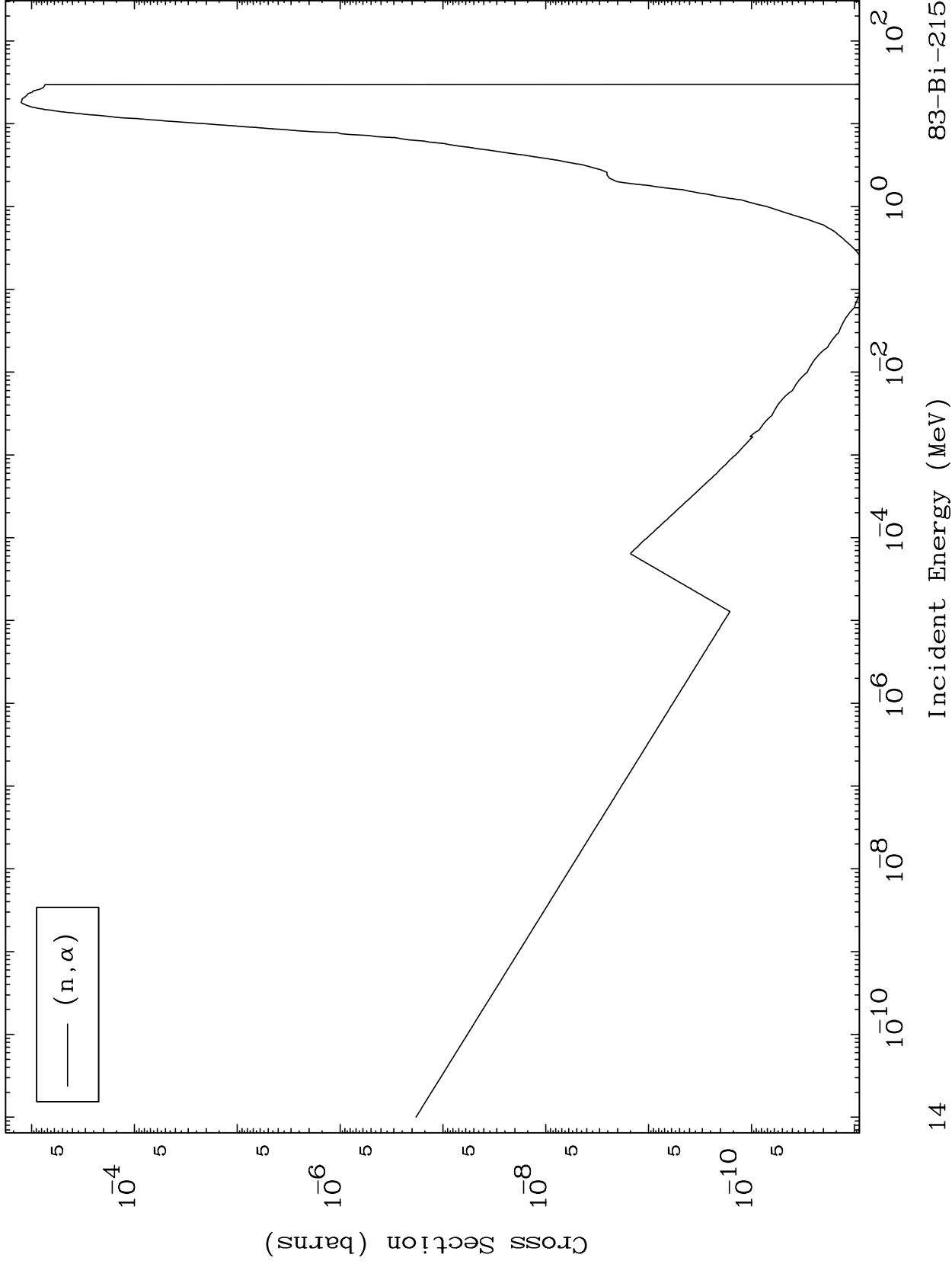
Incident Energy (MeV)

83-Bi-215

MAT 8343

(n, α) Levels
293 Kelvin Cross Sections

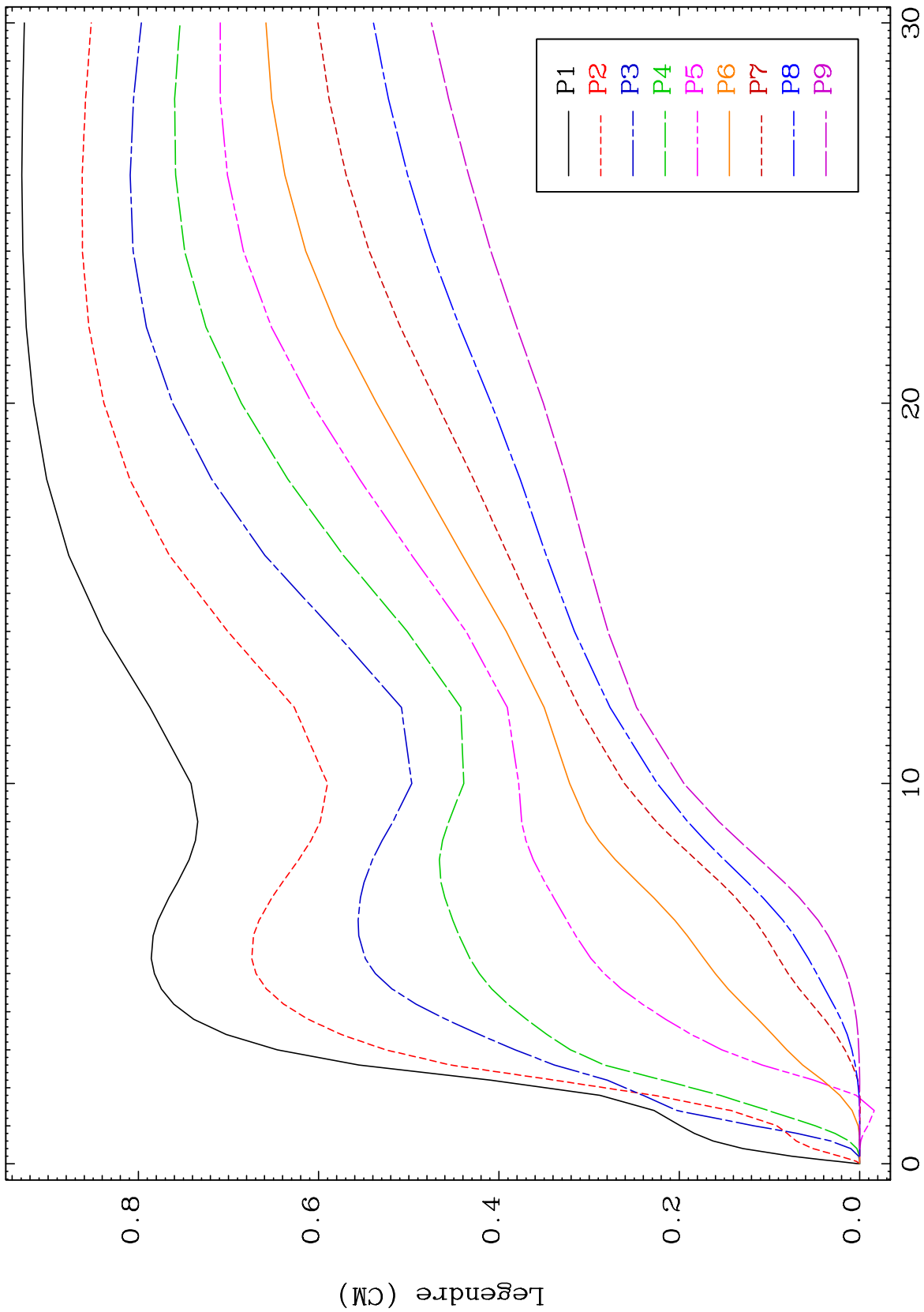
83-Bi-215



MAT 8343

83-Bi-215

Elastic Legendre Coefficients



83-Bi-215

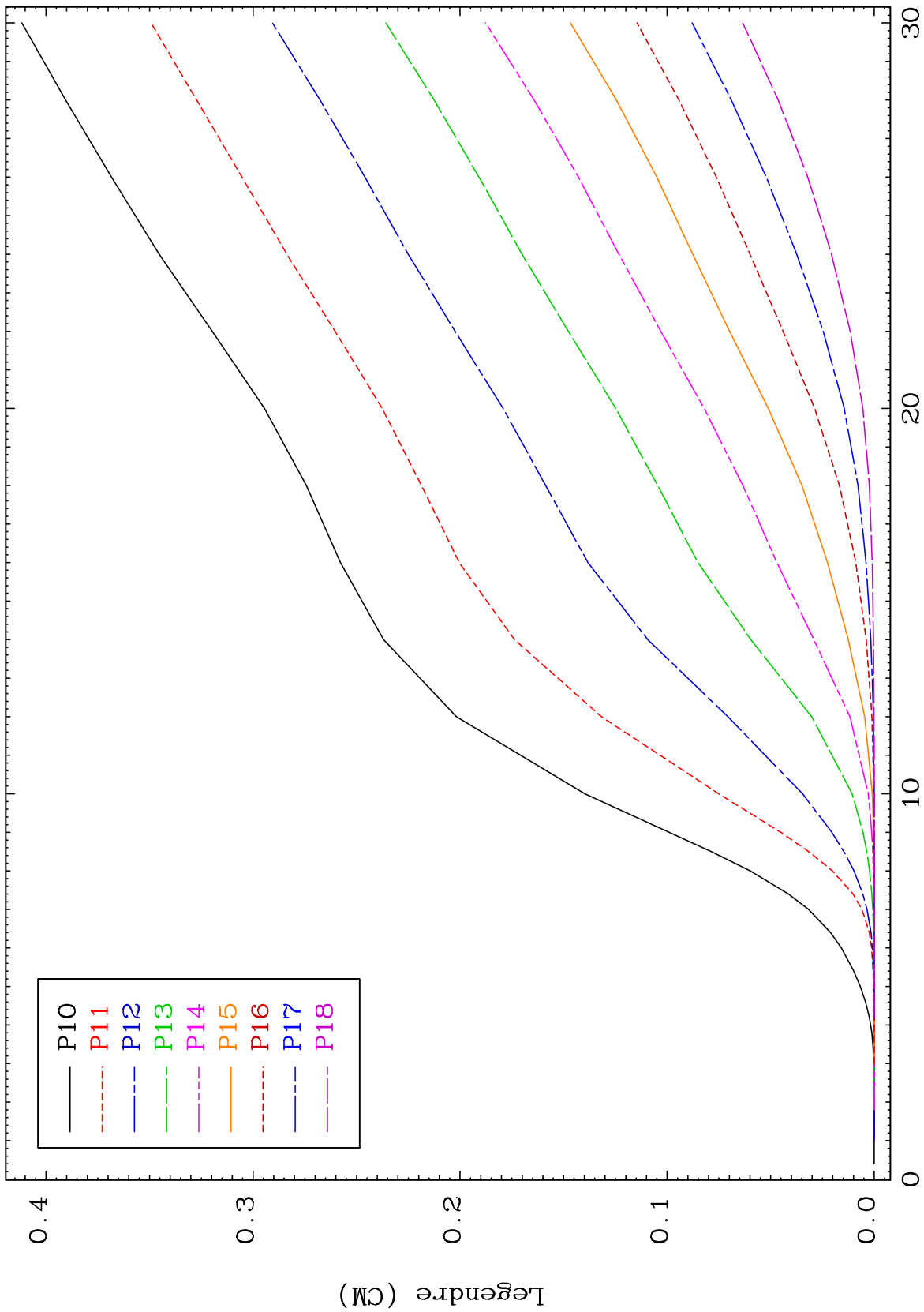
Incident Energy (MeV)

15

MAT 8343

Elastic Legendre Coefficients

83-Bi-215



16

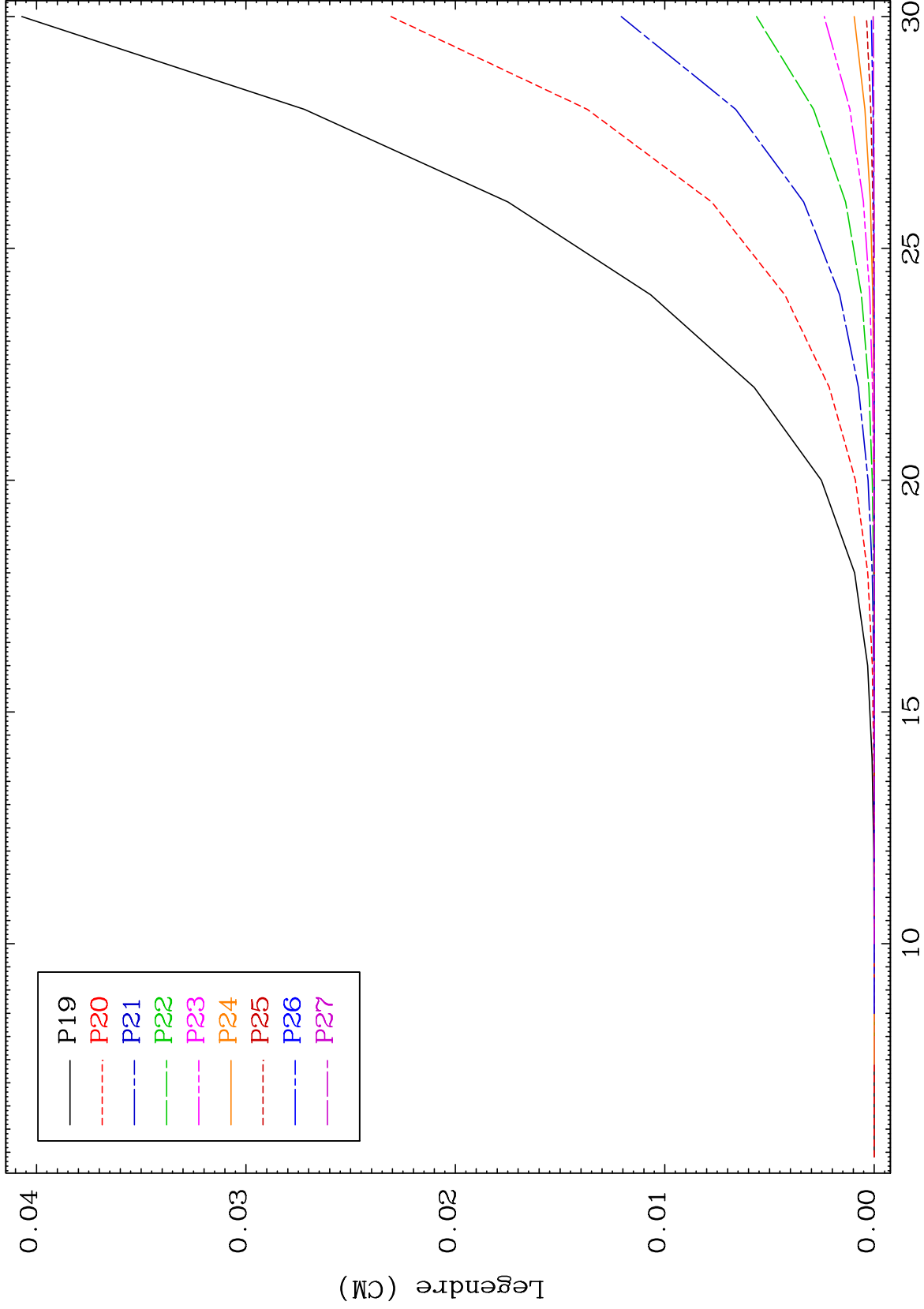
Incident Energy (MeV)

83-Bi-215

MAT 8343

Elastic Legendre Coefficients

83-Bi-215



17

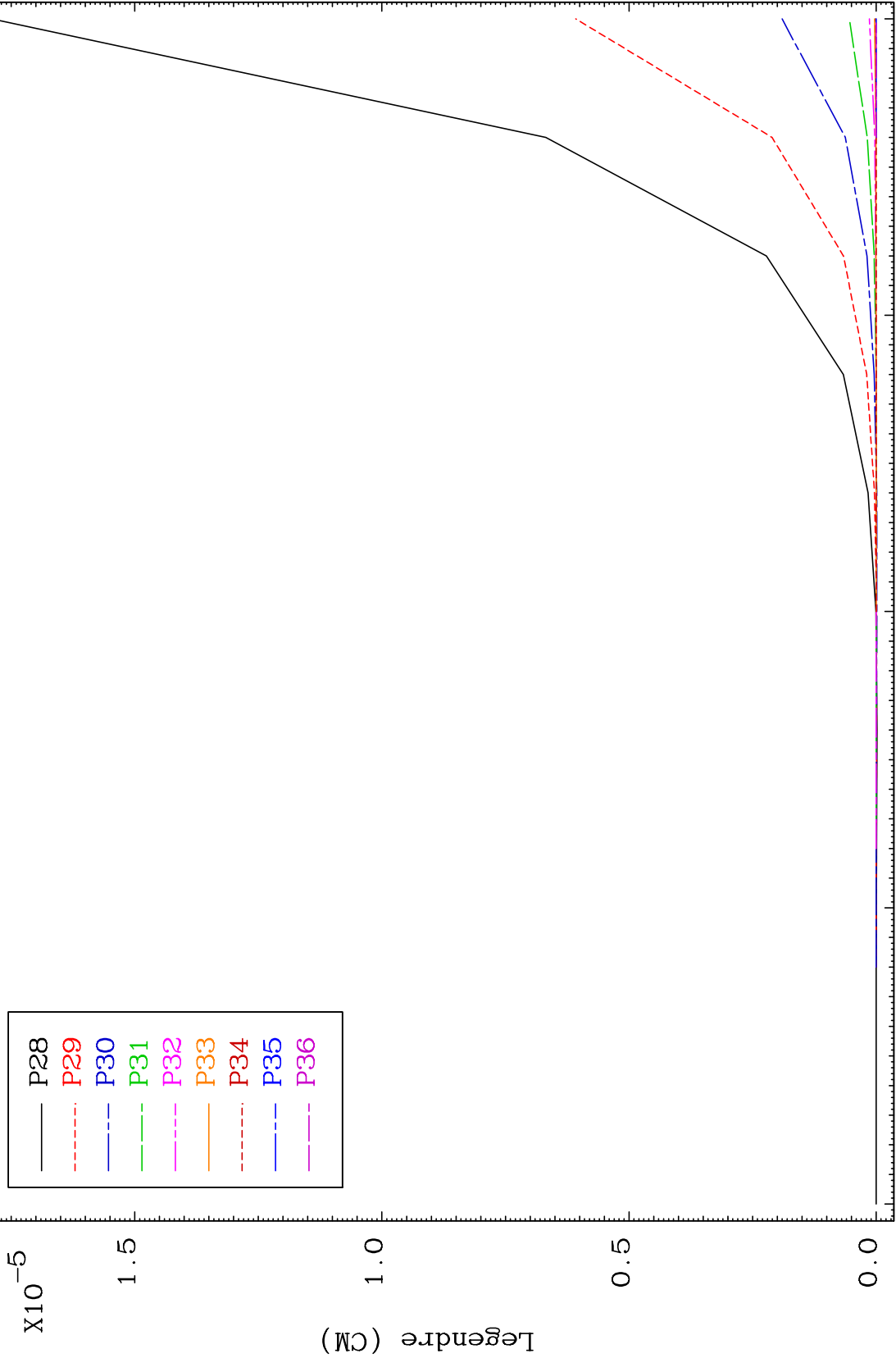
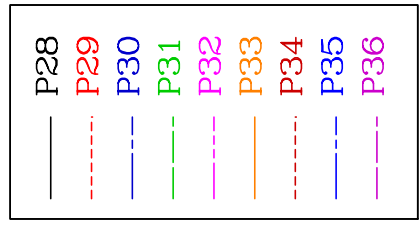
Incident Energy (MeV)

83-Bi-215

MAT 8343

Elastic Legendre Coefficients

83-Bi-215



83-Bi-215

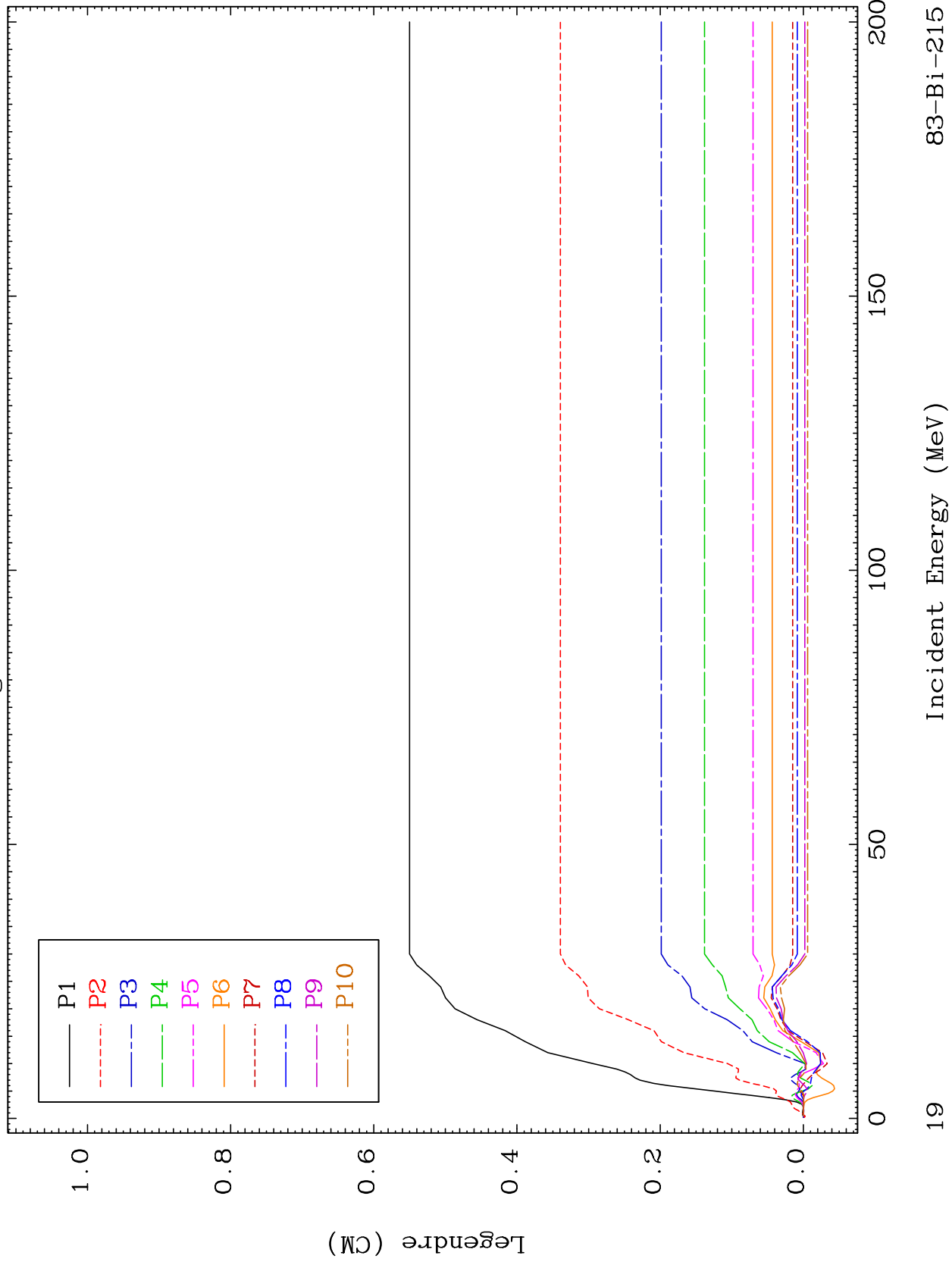
Incident Energy (MeV)

18

MAT 8343

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

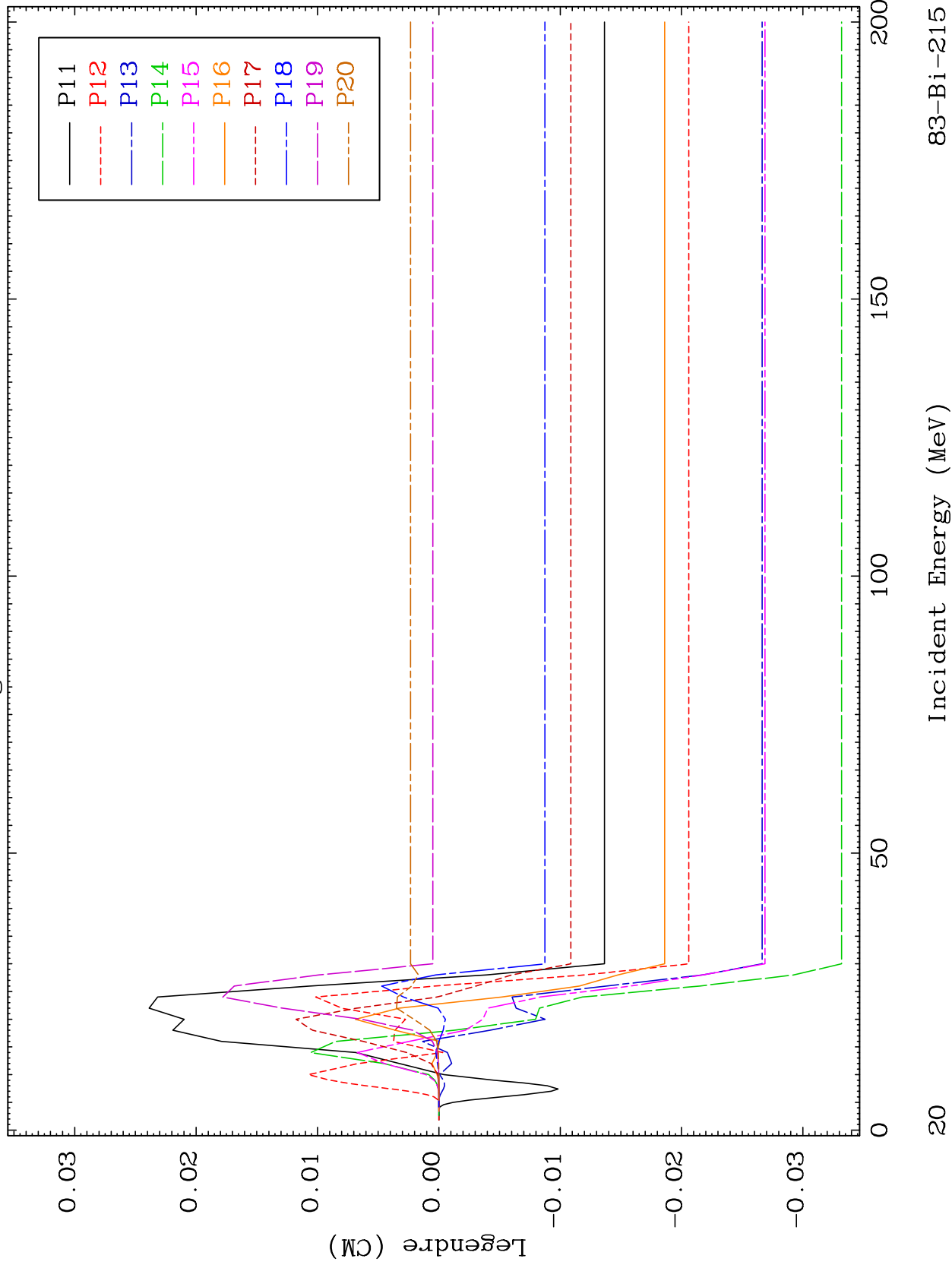
83-Bi-215



MAT 8343

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

83-Bi-215



83-Bi-215

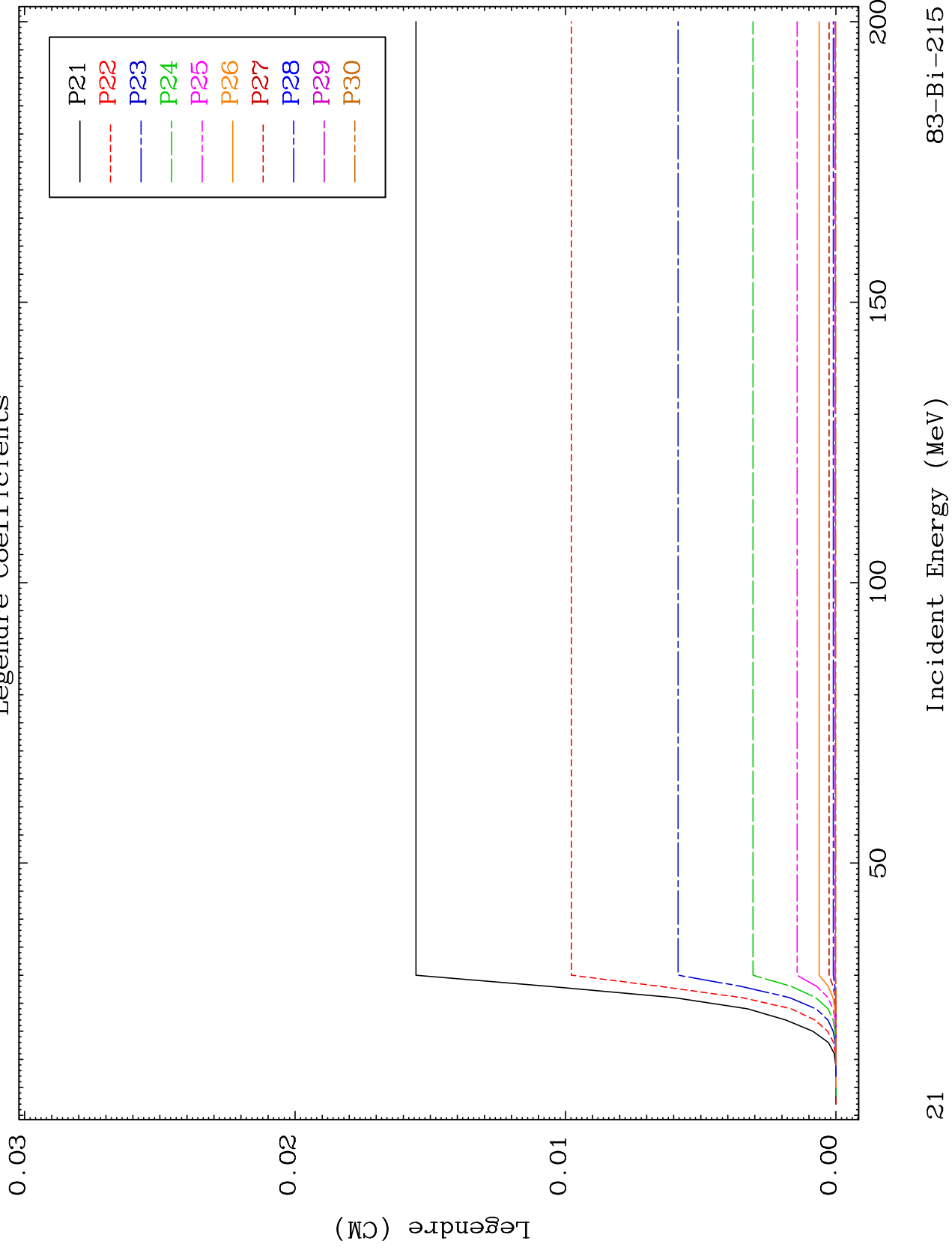
Incident Energy (MeV)

20

MAT 8343

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

83-Bi-215



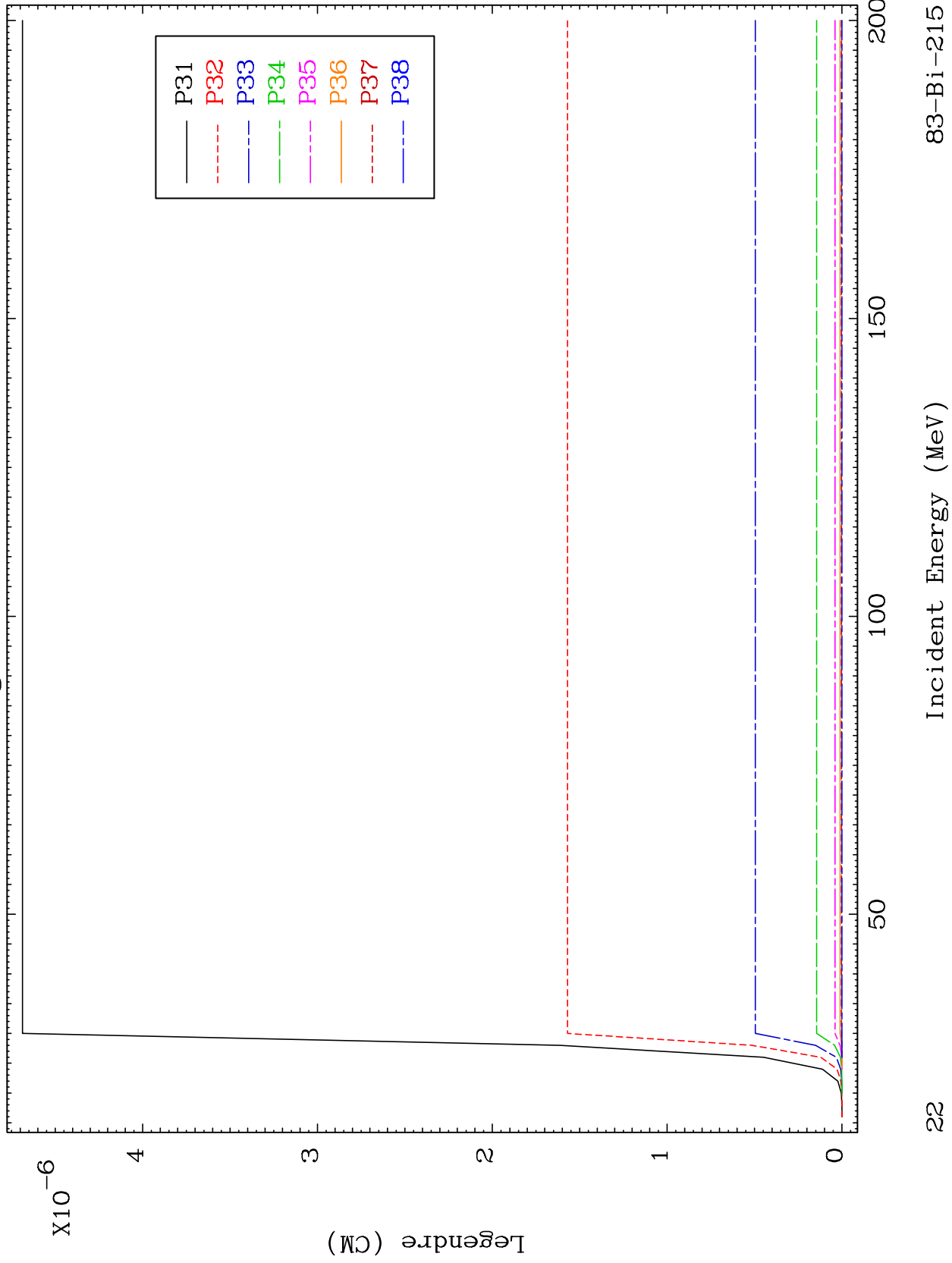
21

83-Bi-215

MAT 8343

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

83-Bi-215



22

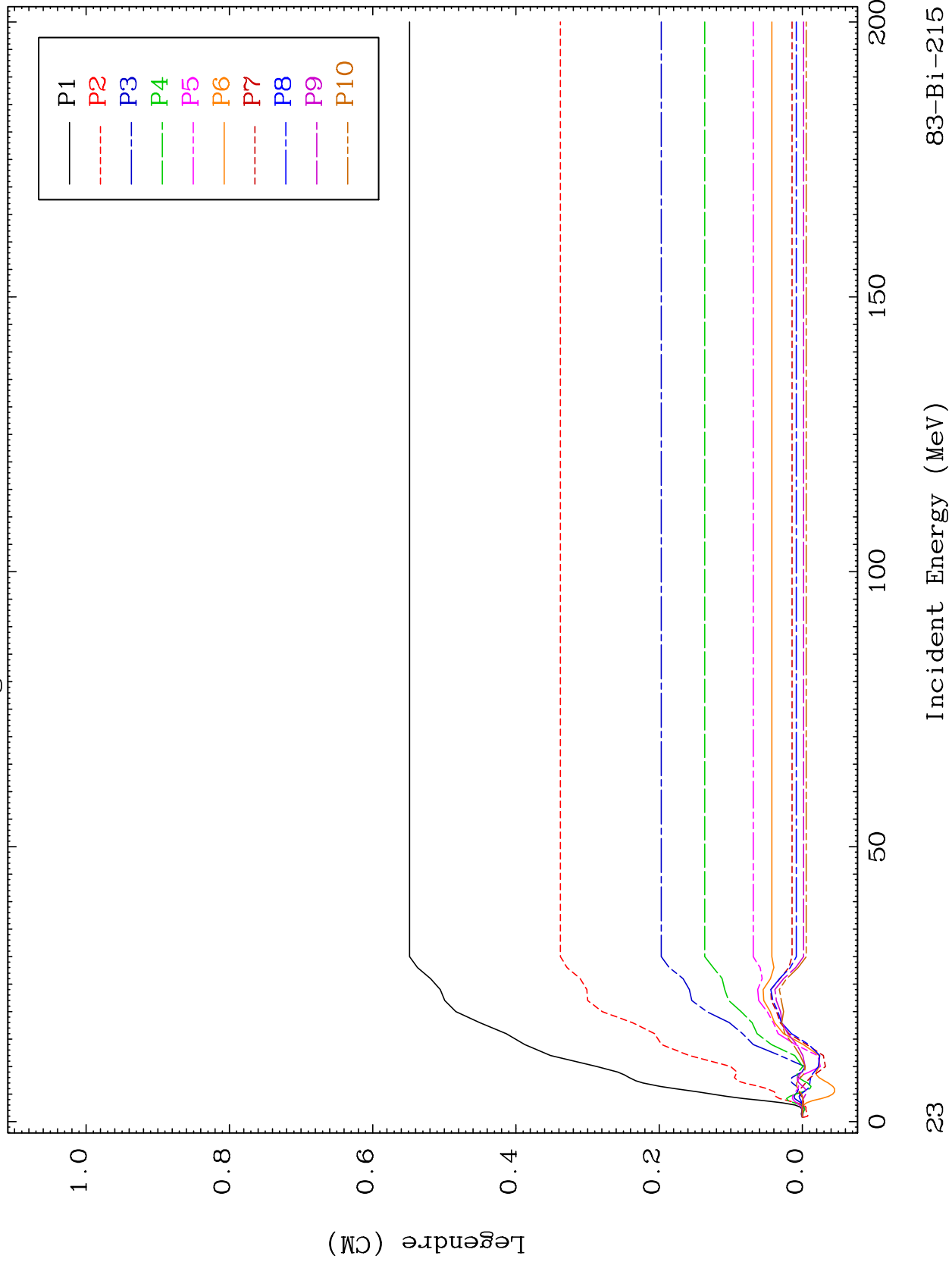
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



83-Bi-215

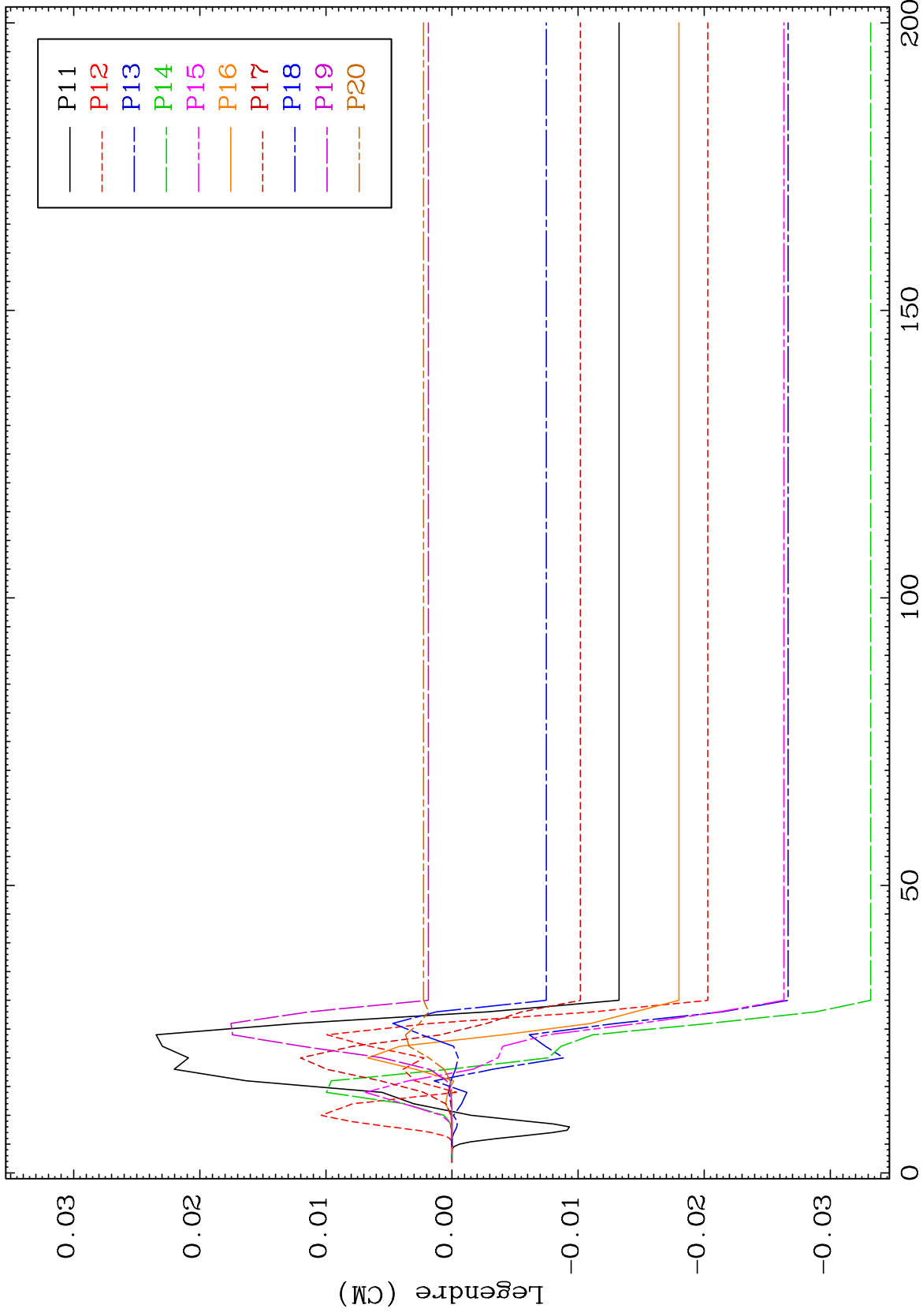
Incident Energy (MeV)

23

MAT 8343

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

83-Bi-215



24

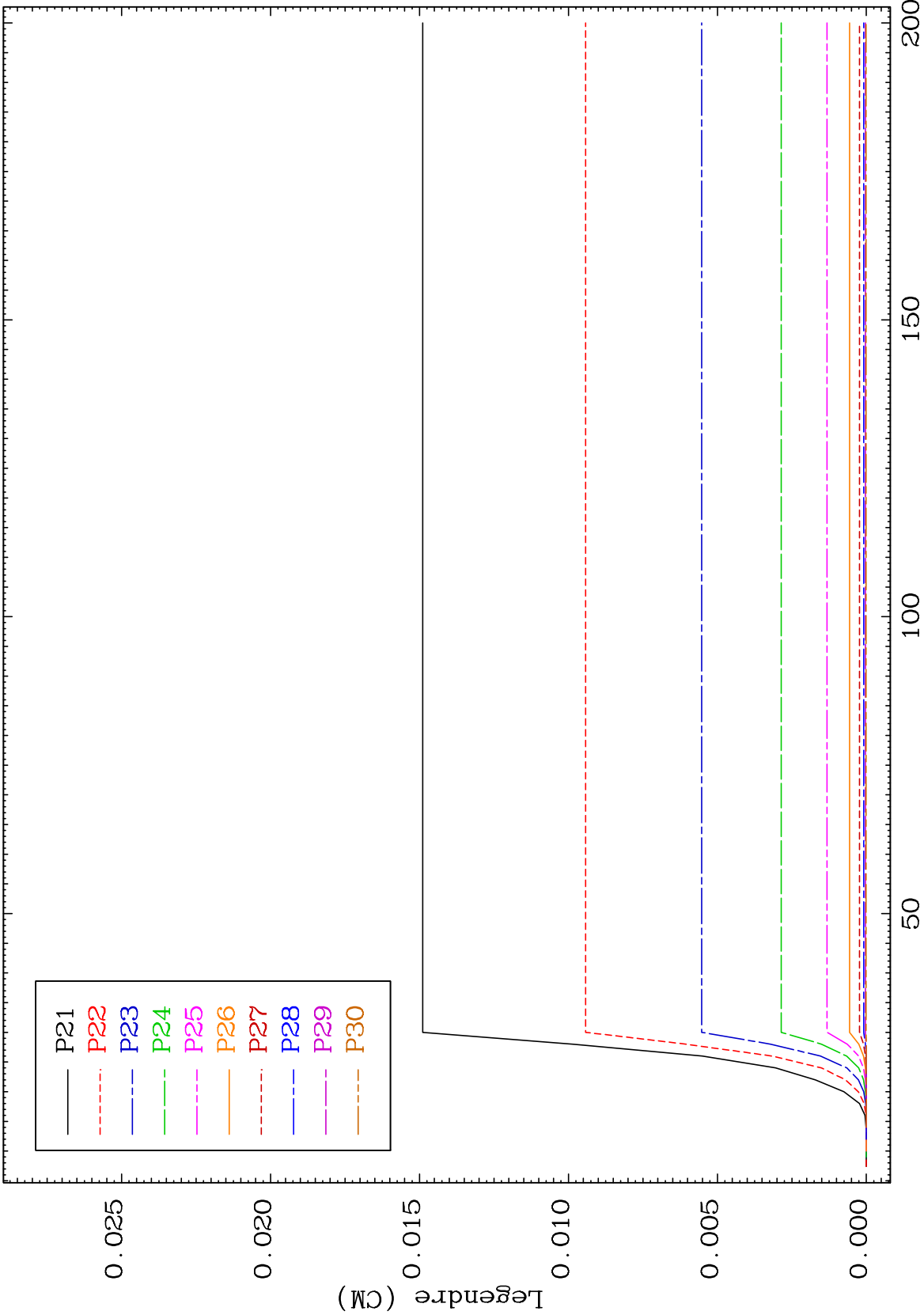
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



25

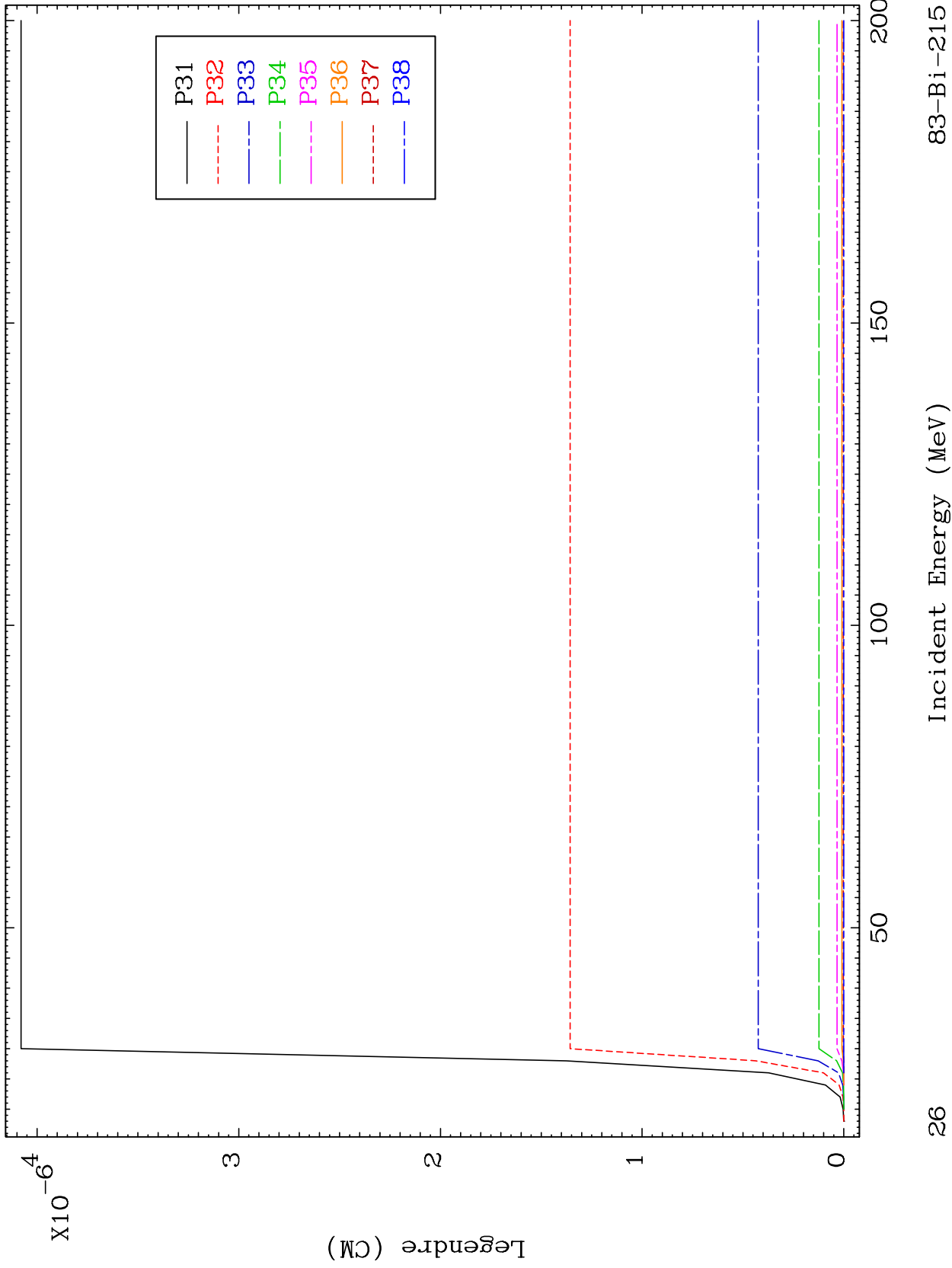
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



26

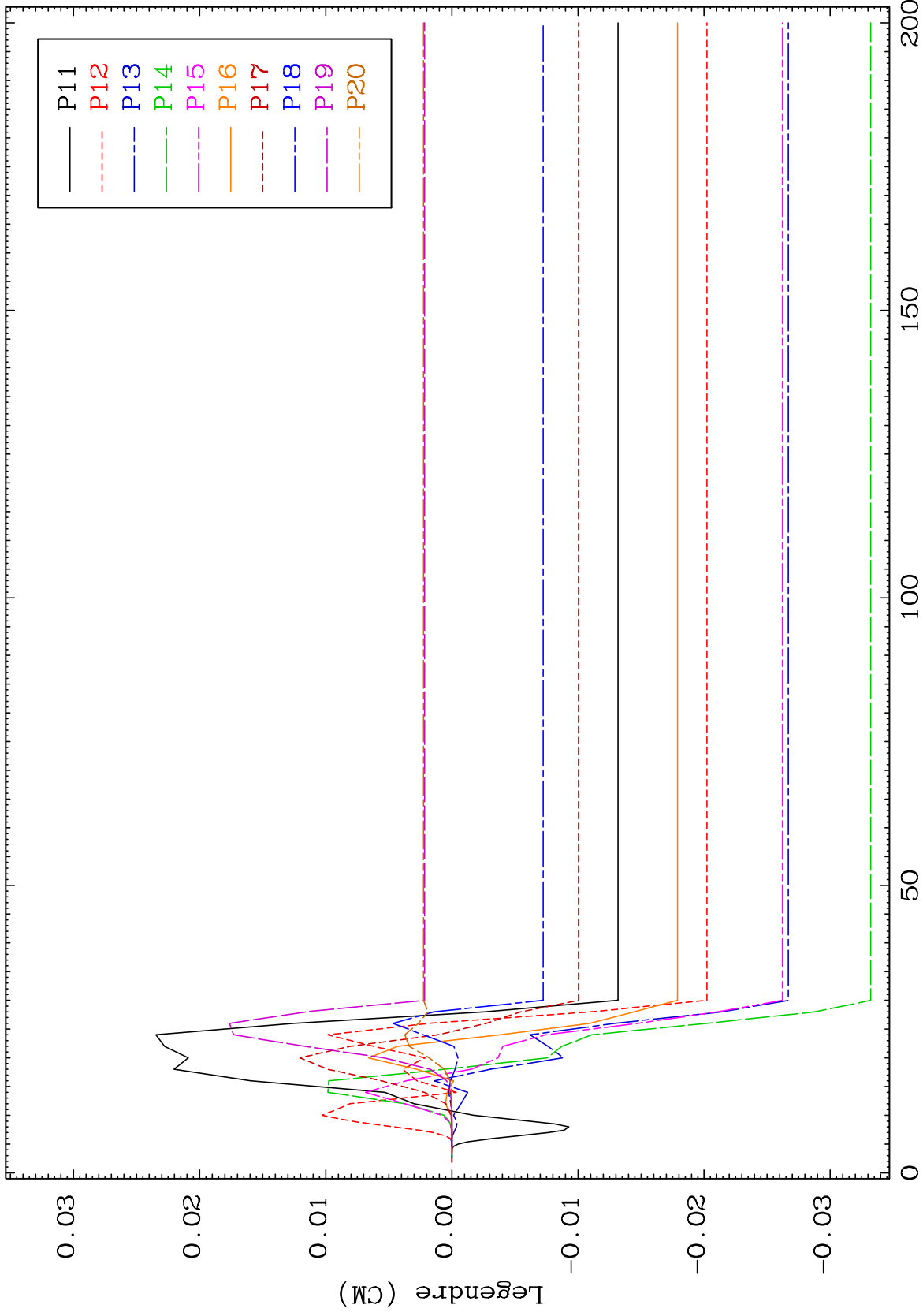
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

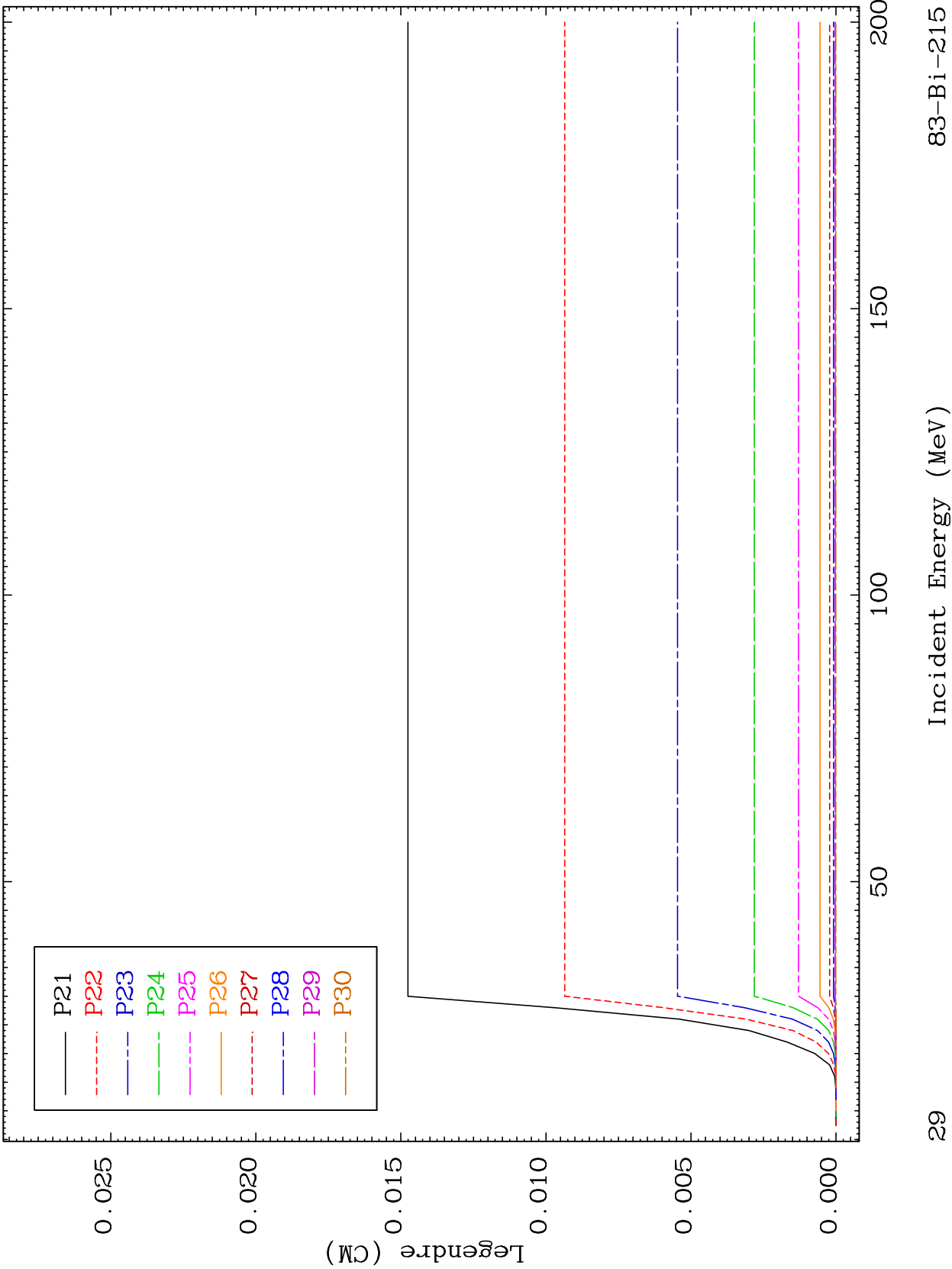
83-Bi-215



28

Incident Energy (MeV)

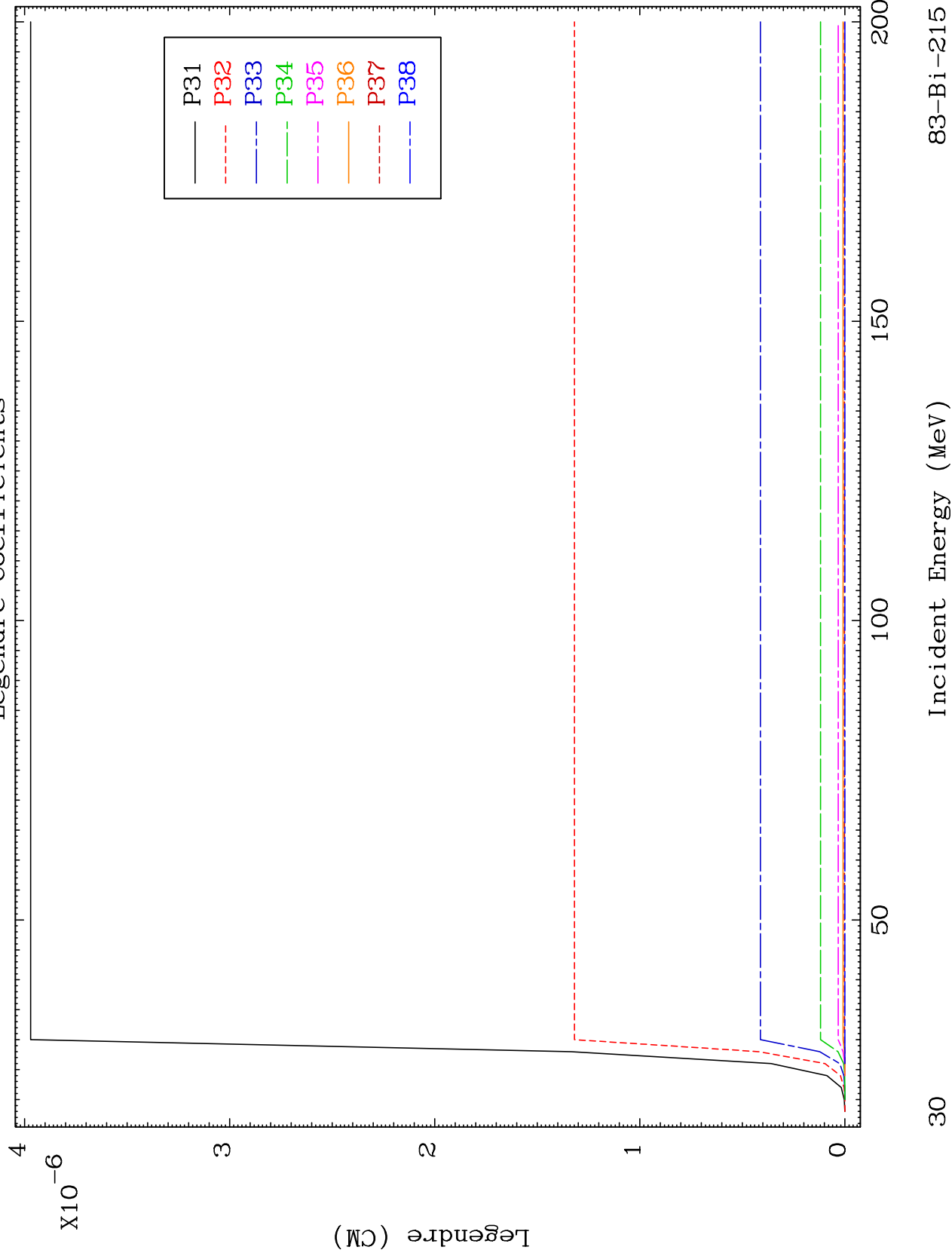
83-Bi-215



MAT 8343

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

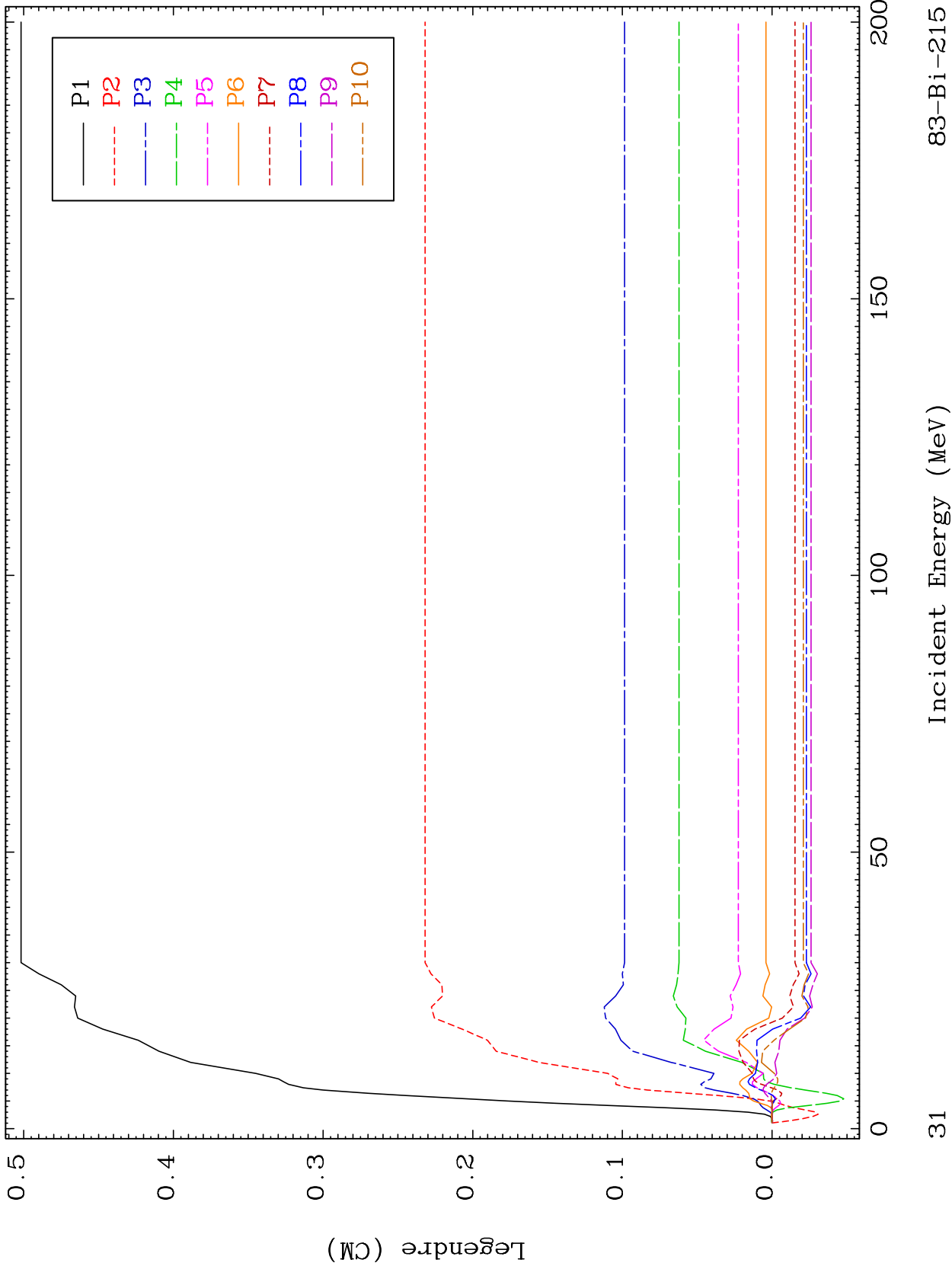
83-Bi-215



MAT 8343

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

83-Bi-215



31

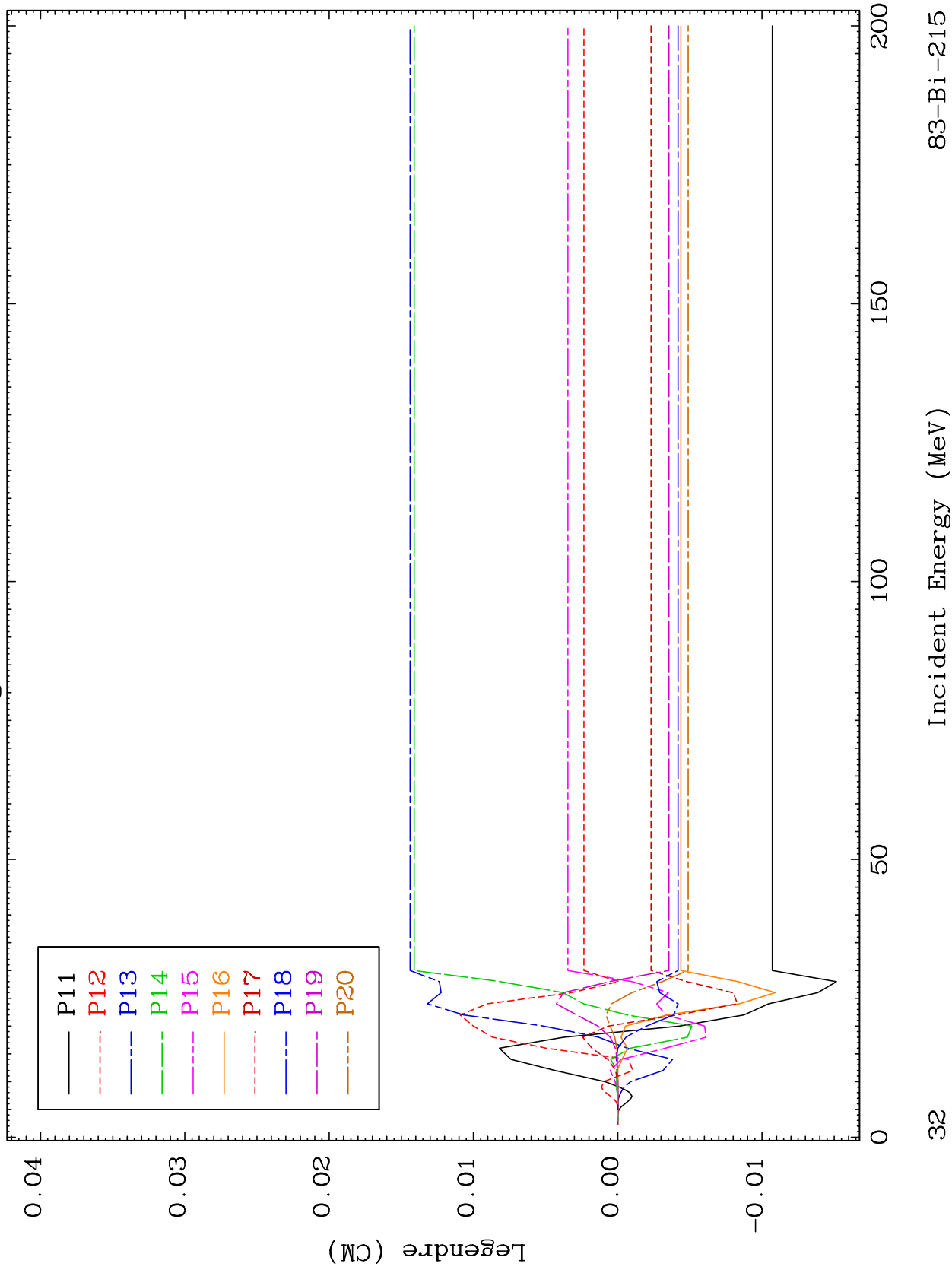
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



83-Bi-215

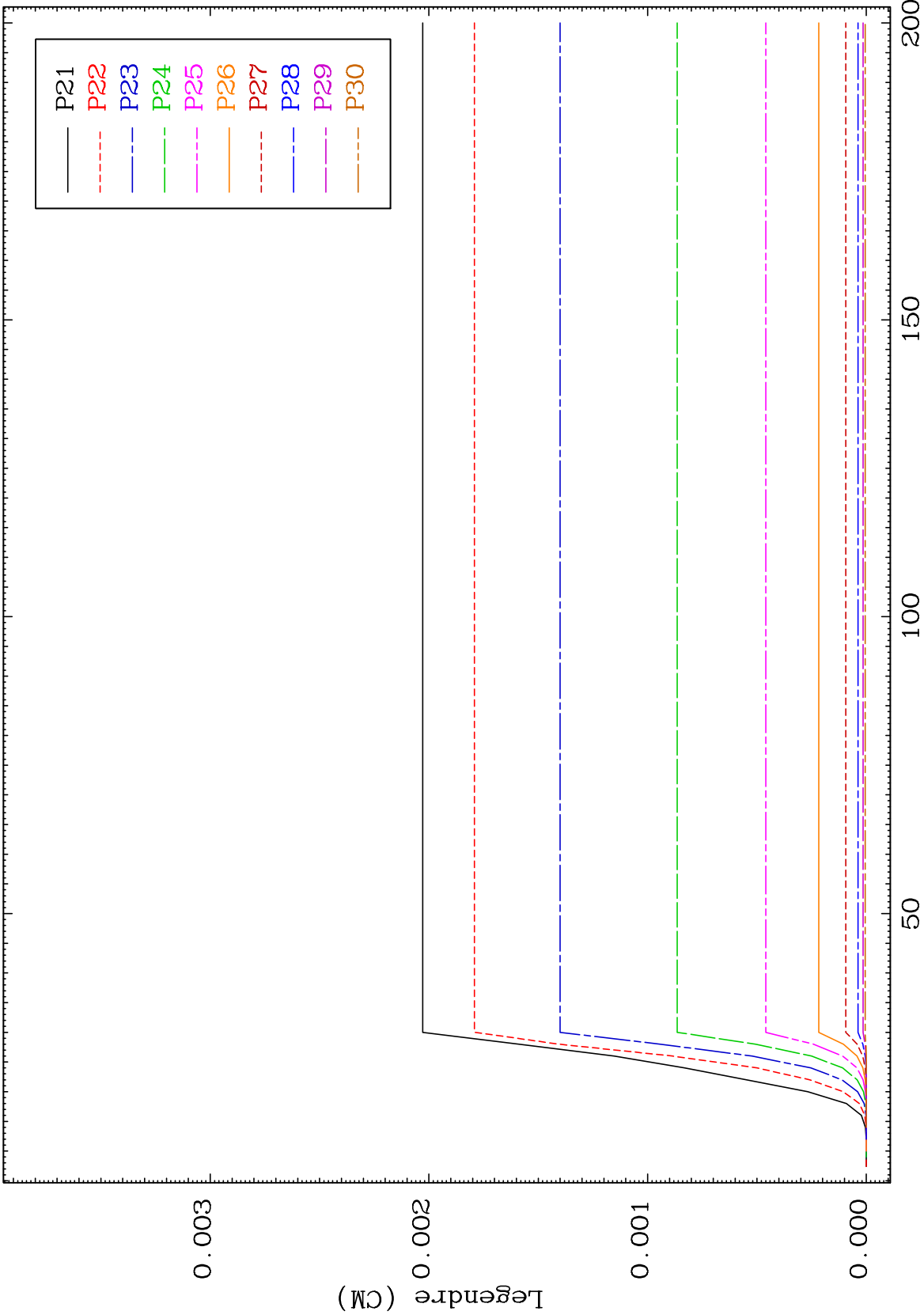
Incident Energy (MeV)

32

MAT 8343

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

83-Bi-215



33

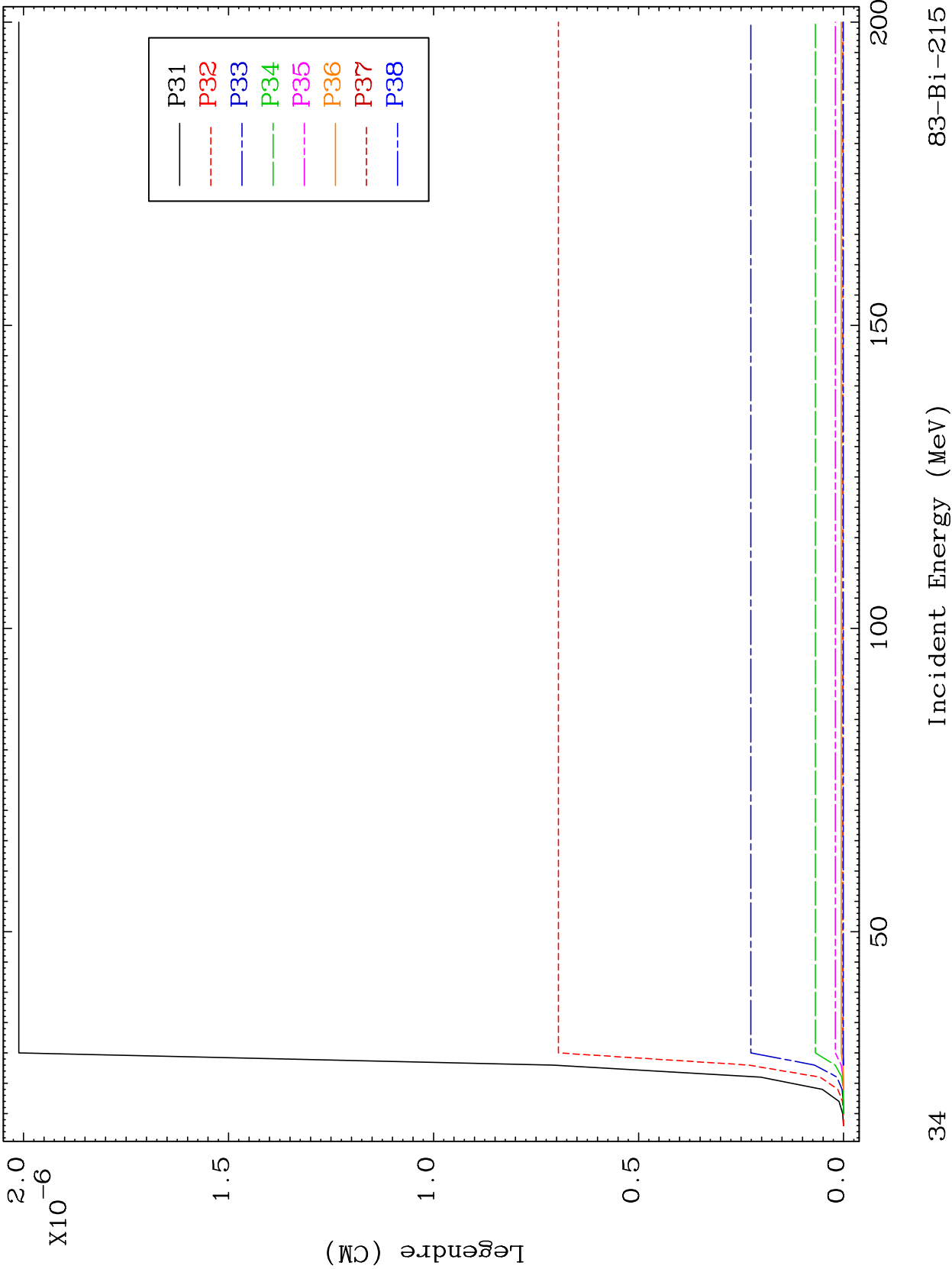
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



34

Incident Energy (MeV)

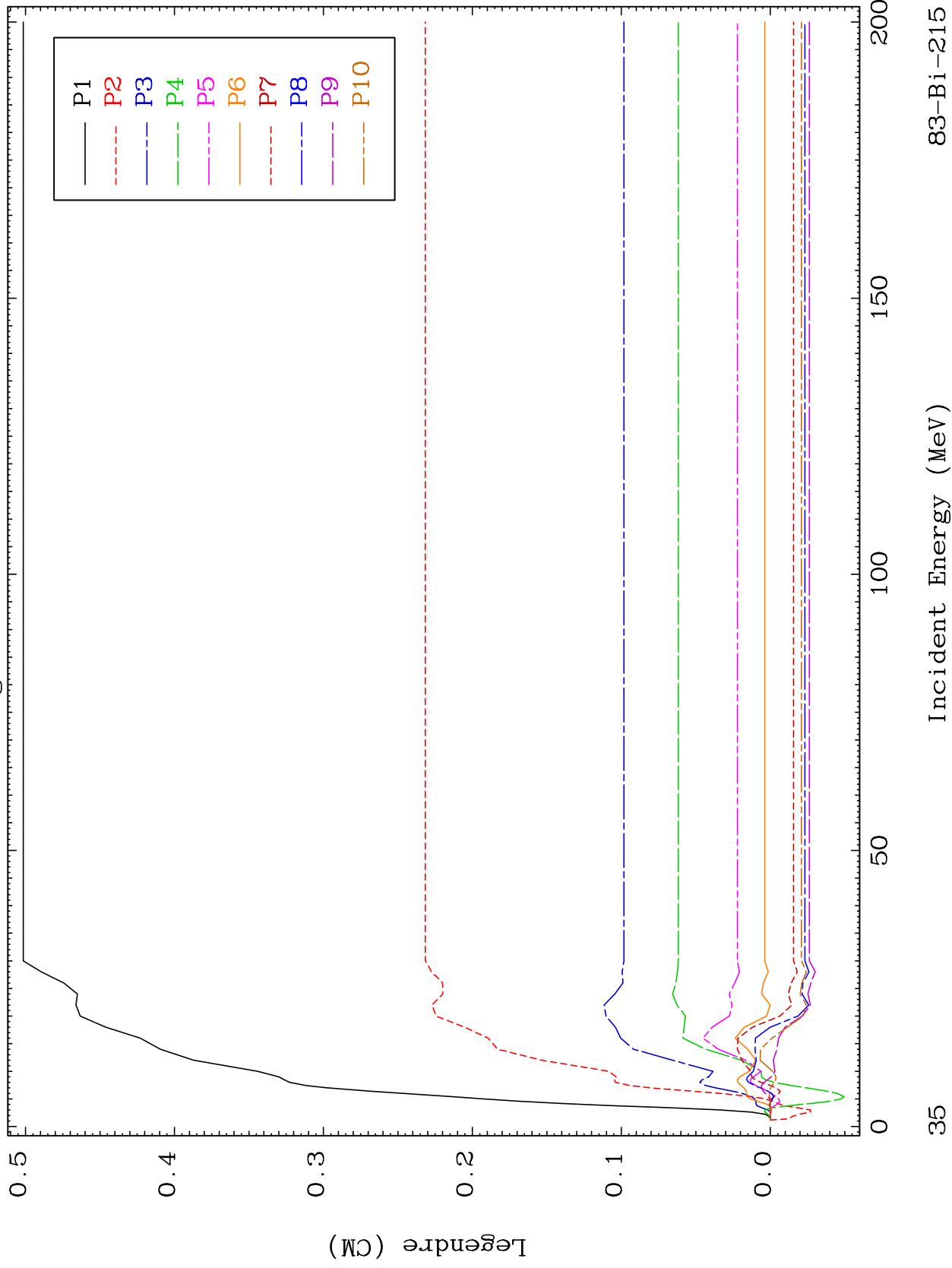
83-Bi-215

MAT 8343

MT= 55 (n,n') Level

83-Bi-215

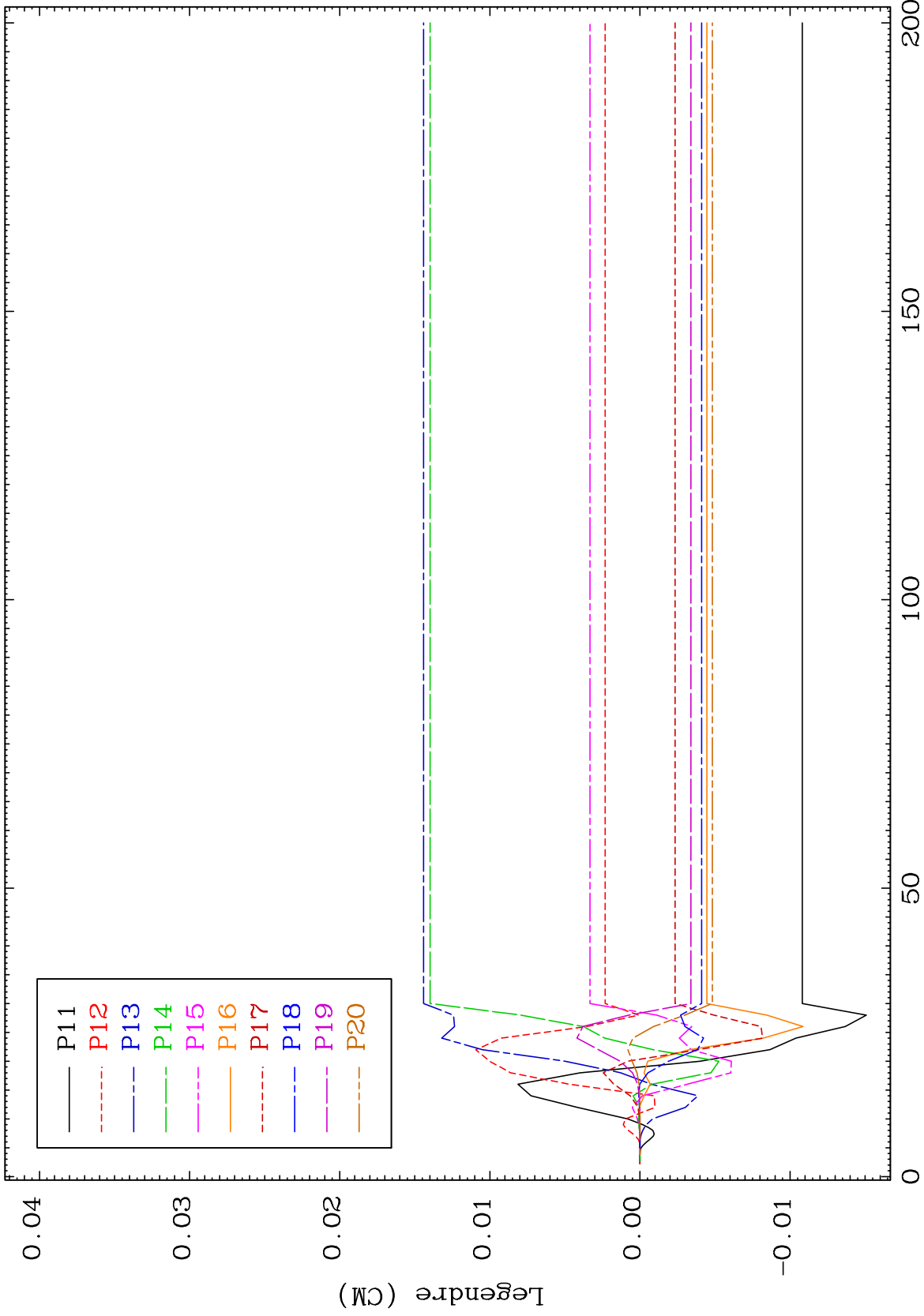
Legendre Coefficients



MAT 8343

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

83-Bi-215



36

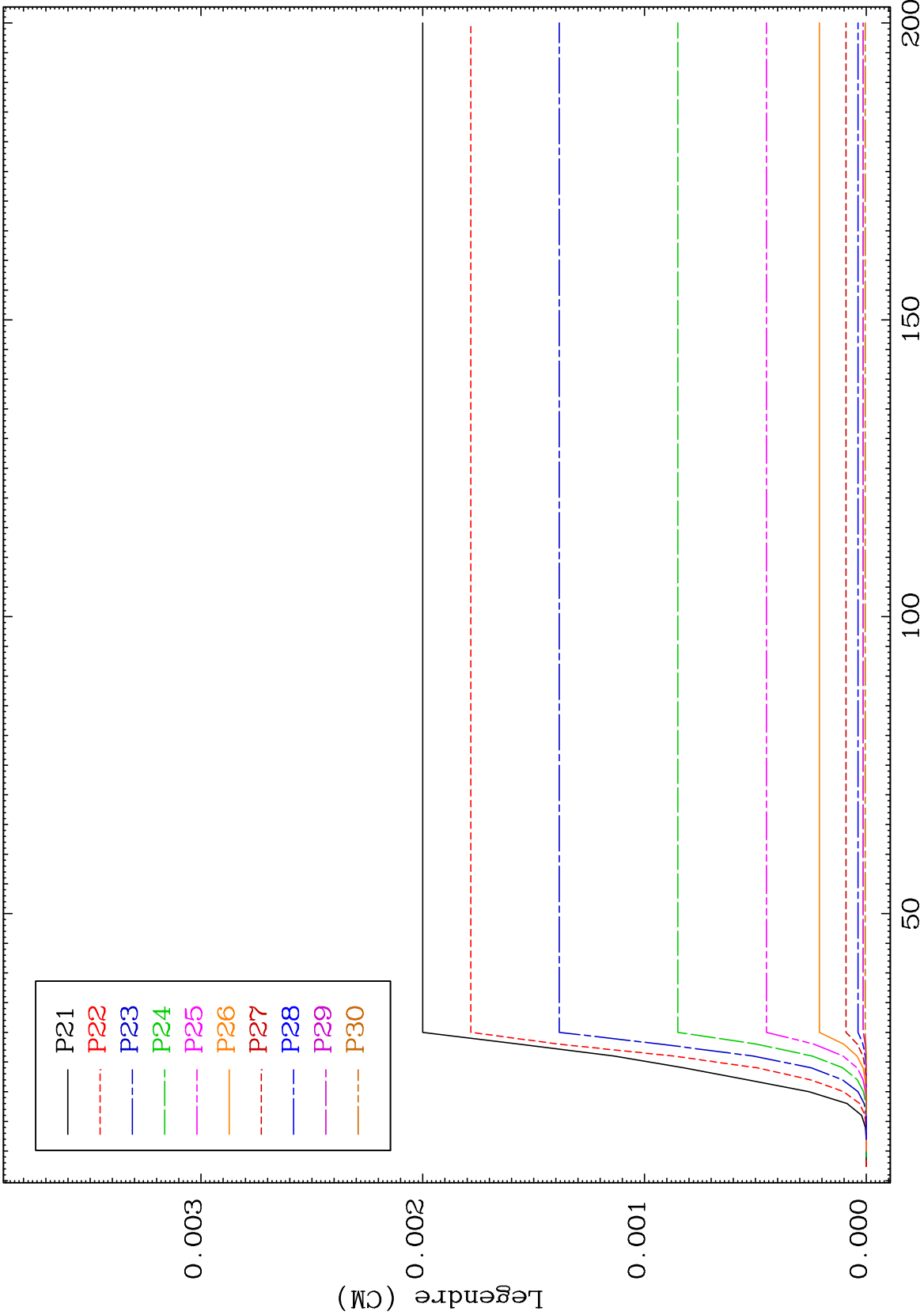
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



37

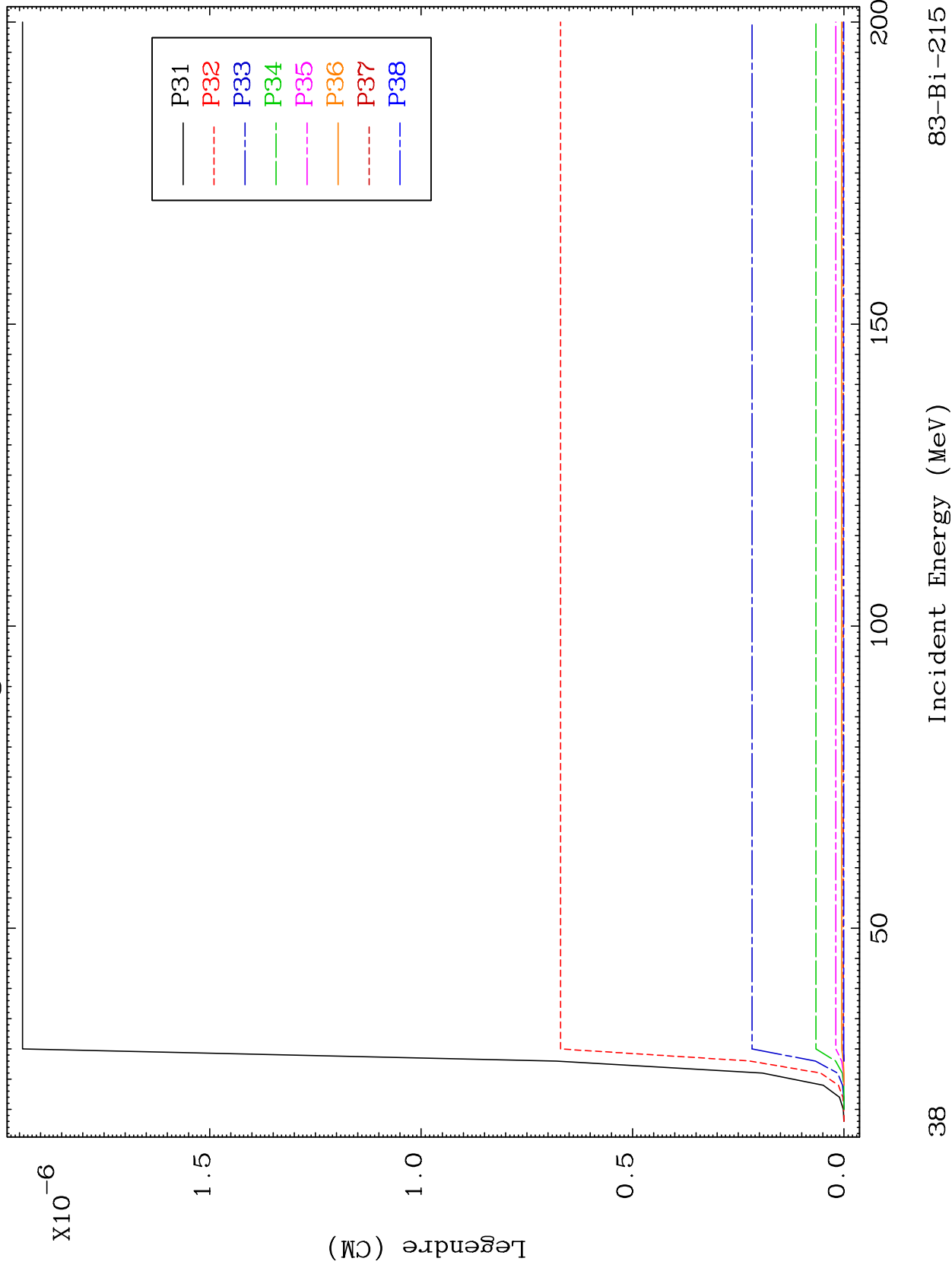
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



38

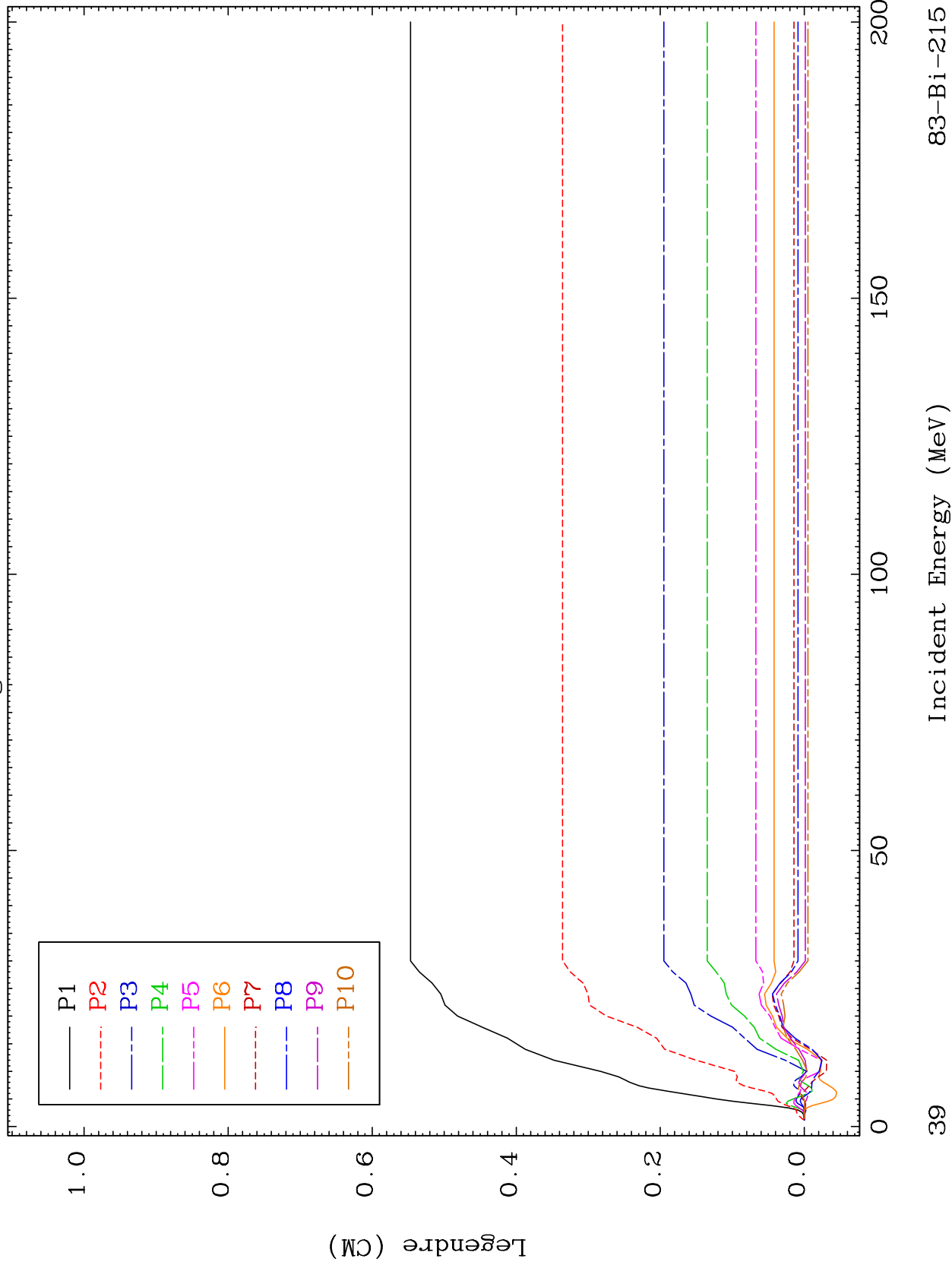
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



39

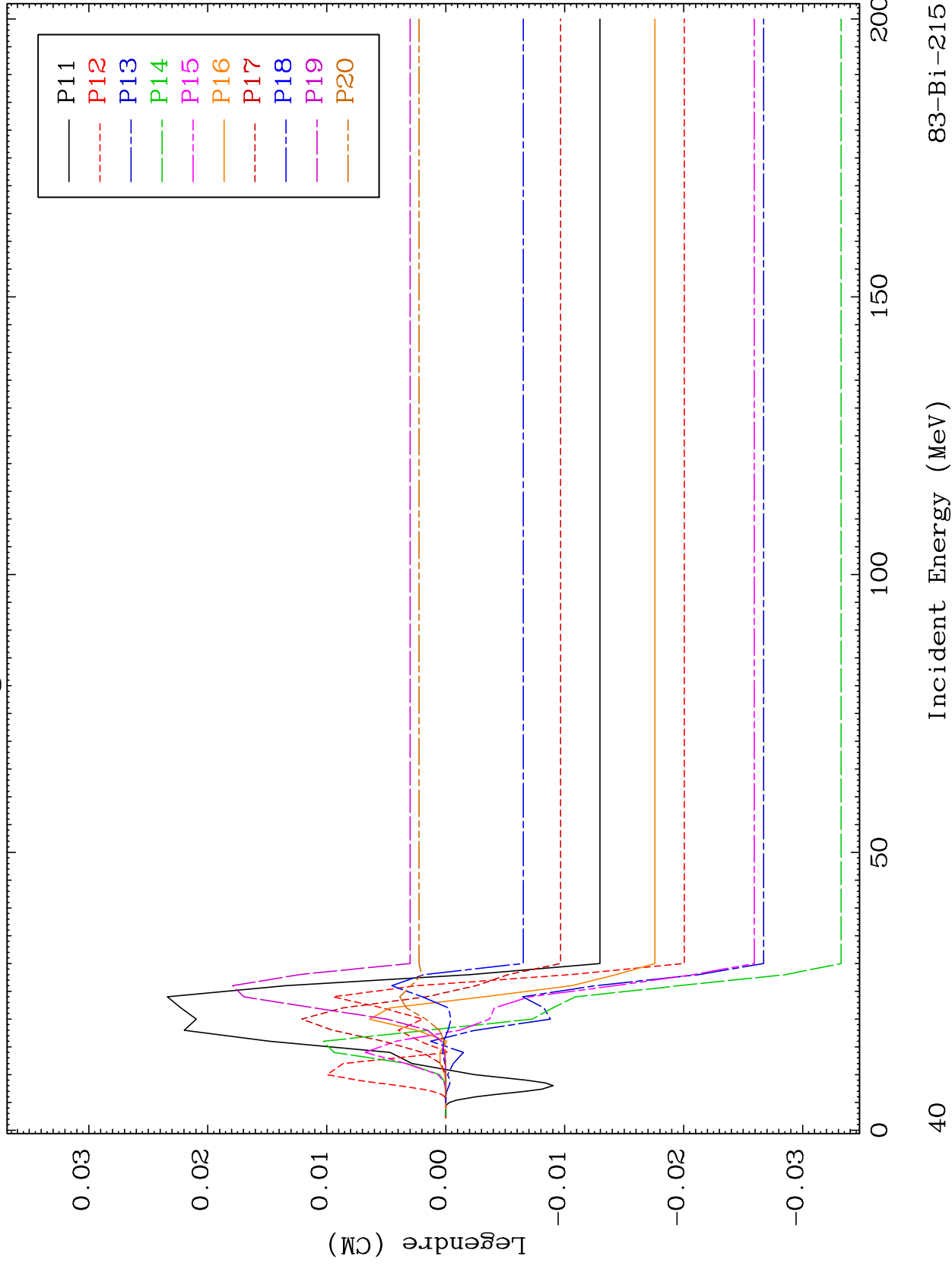
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

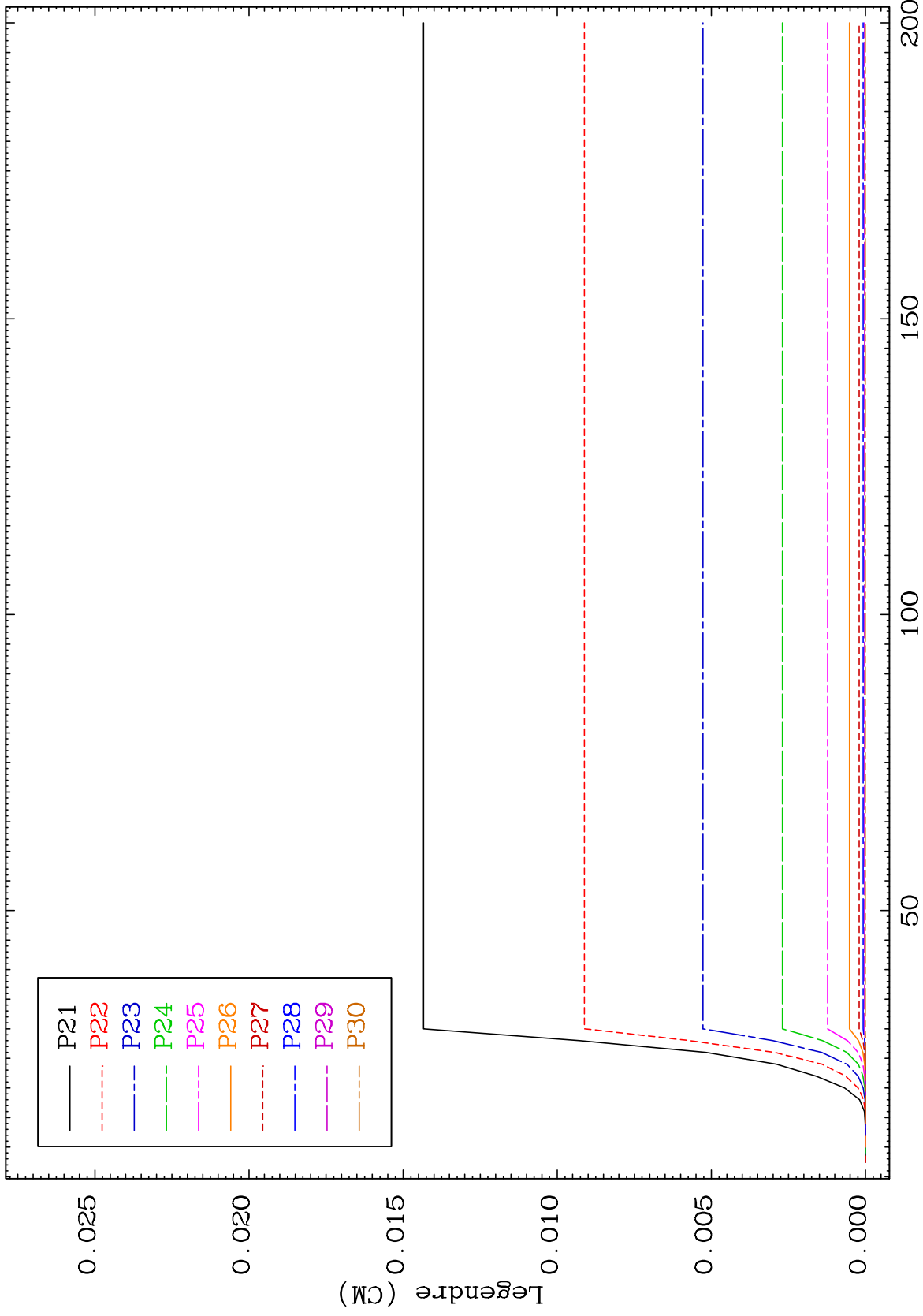
83-Bi-215



83-Bi-215

Incident Energy (MeV)

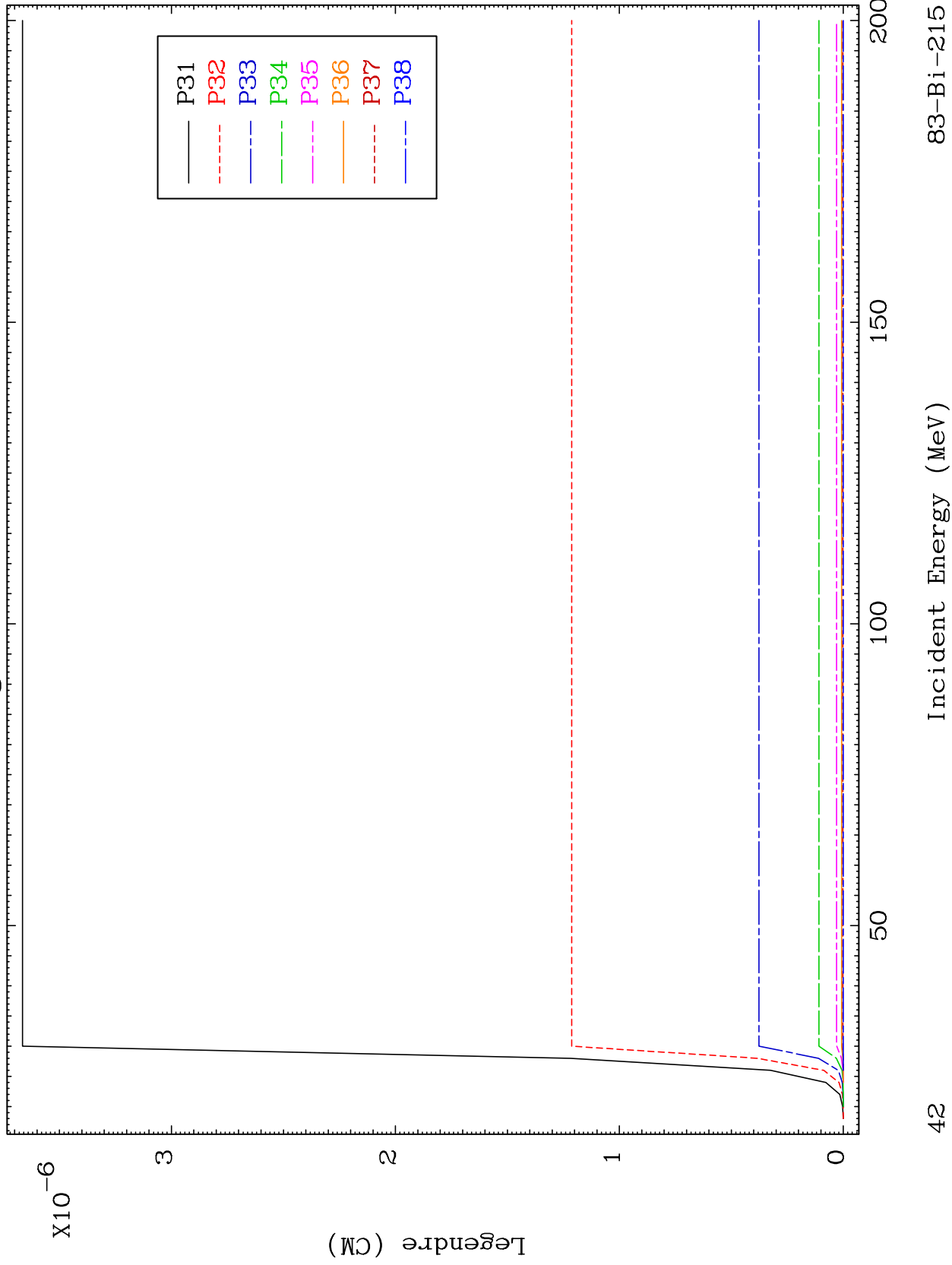
40



MAT 8343

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

83-Bi-215



42

Incident Energy (MeV)

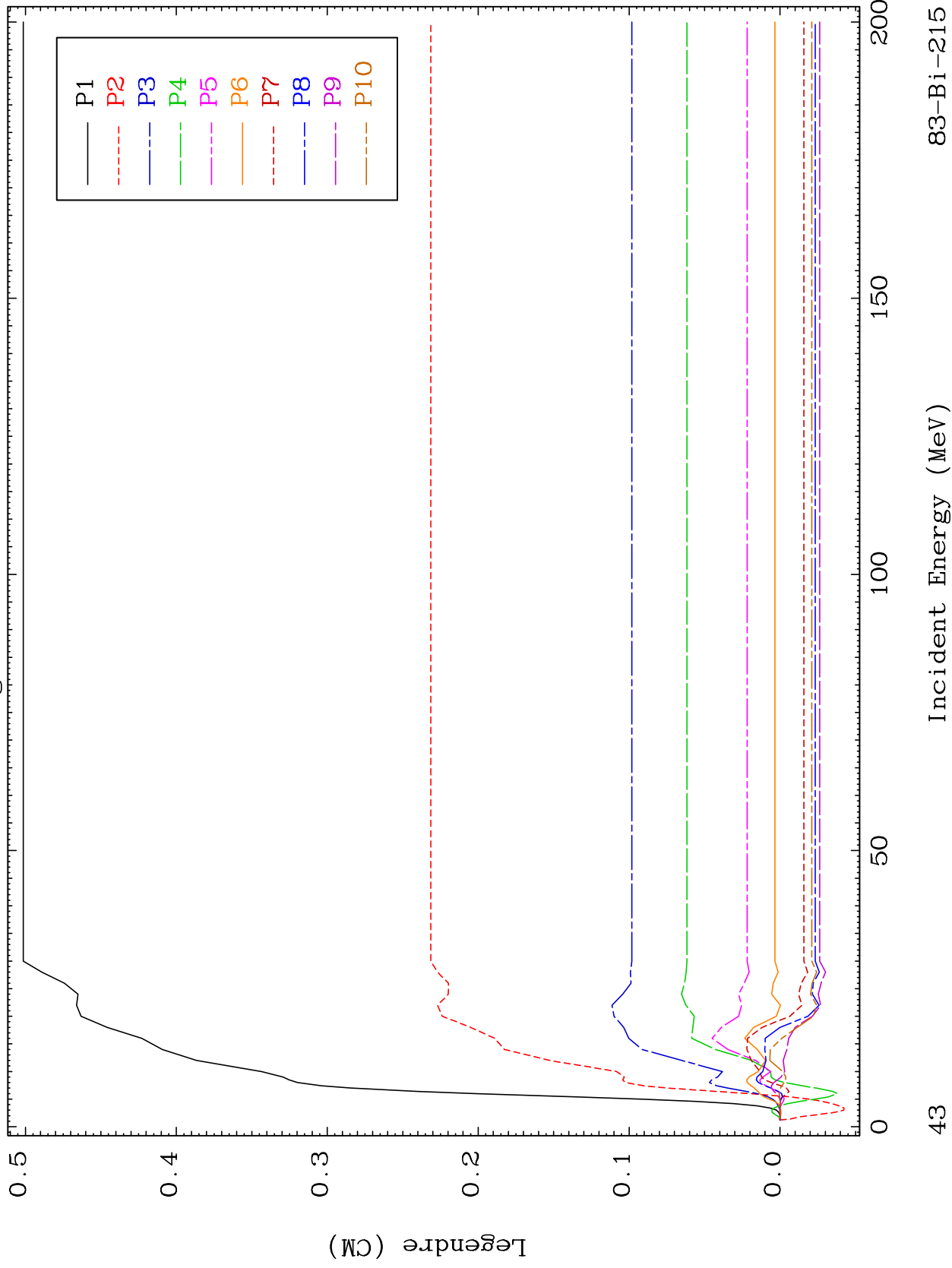
83-Bi-215

MAT 8343

MT= 57 (n,n') Level

83-Bi-215

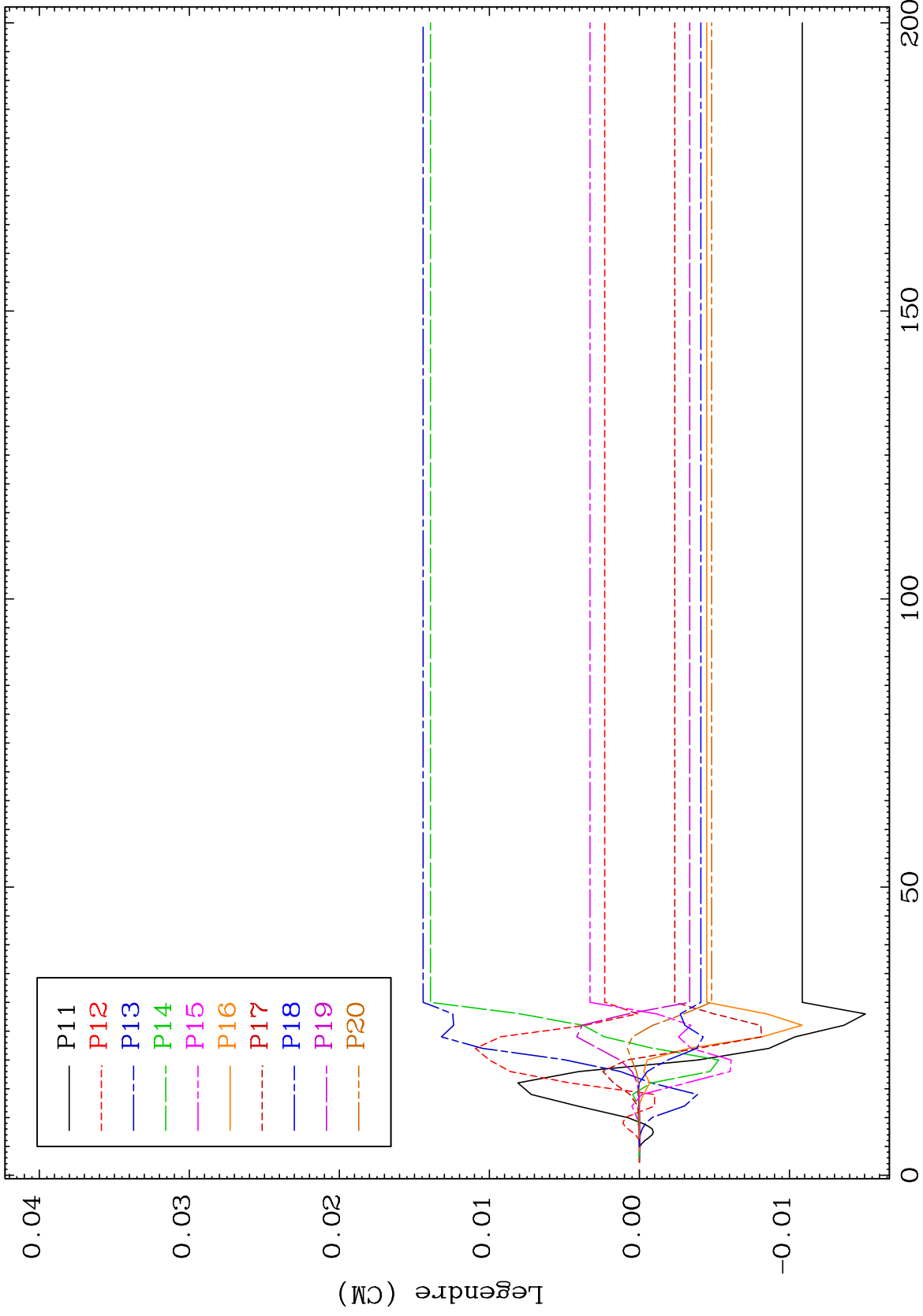
Legendre Coefficients



MAT 8343

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

83-Bi-215



44

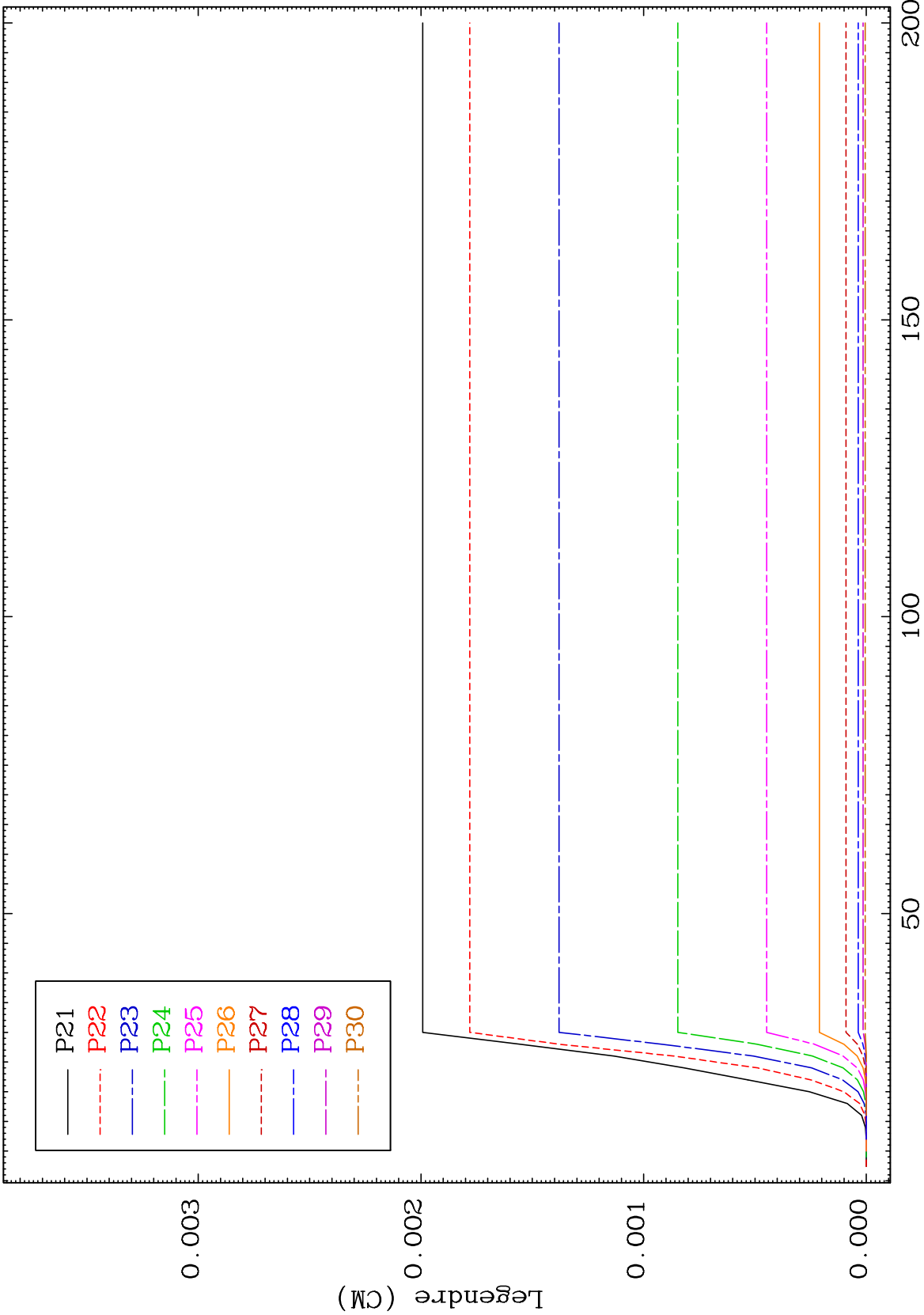
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



45

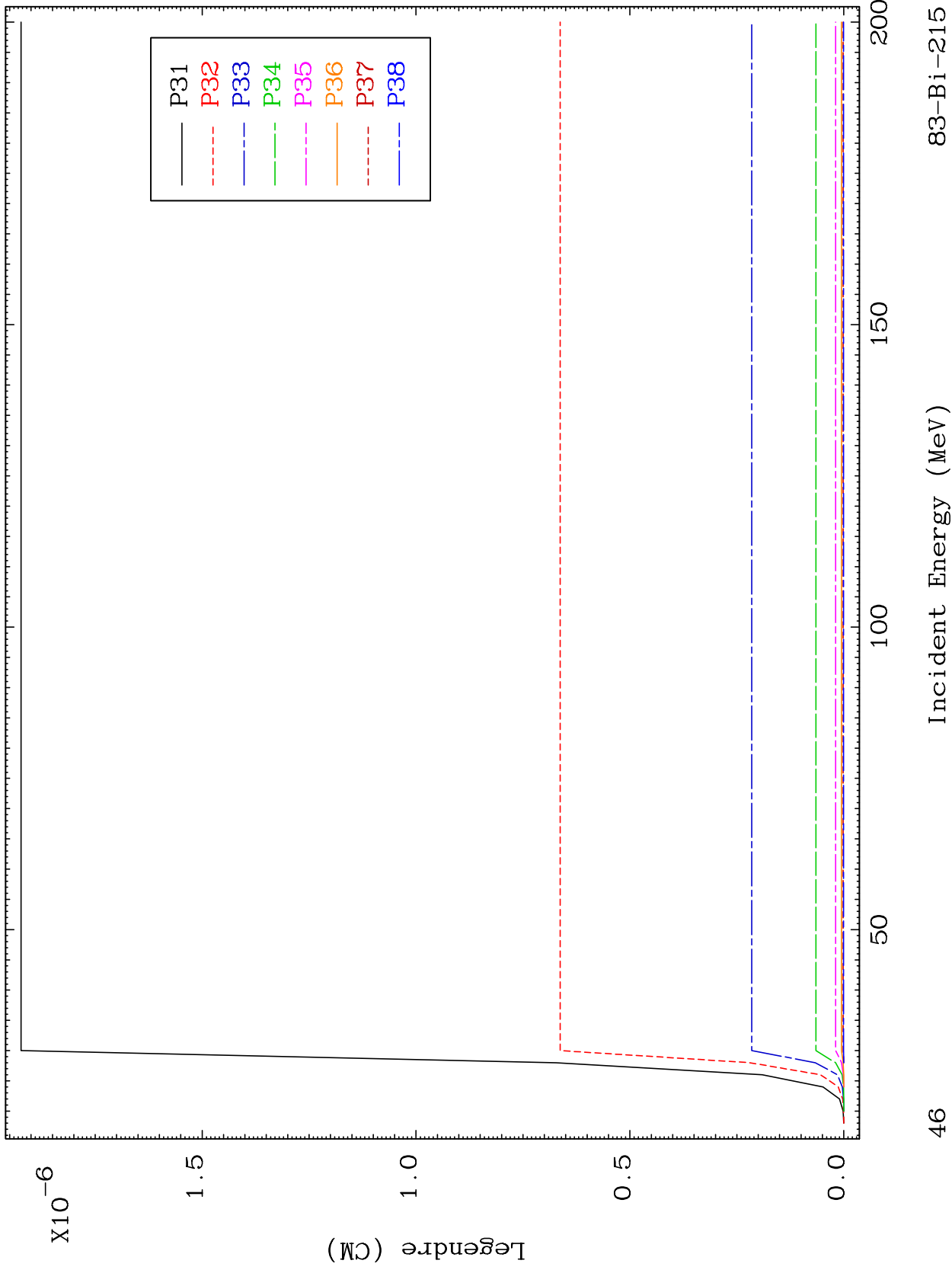
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



46

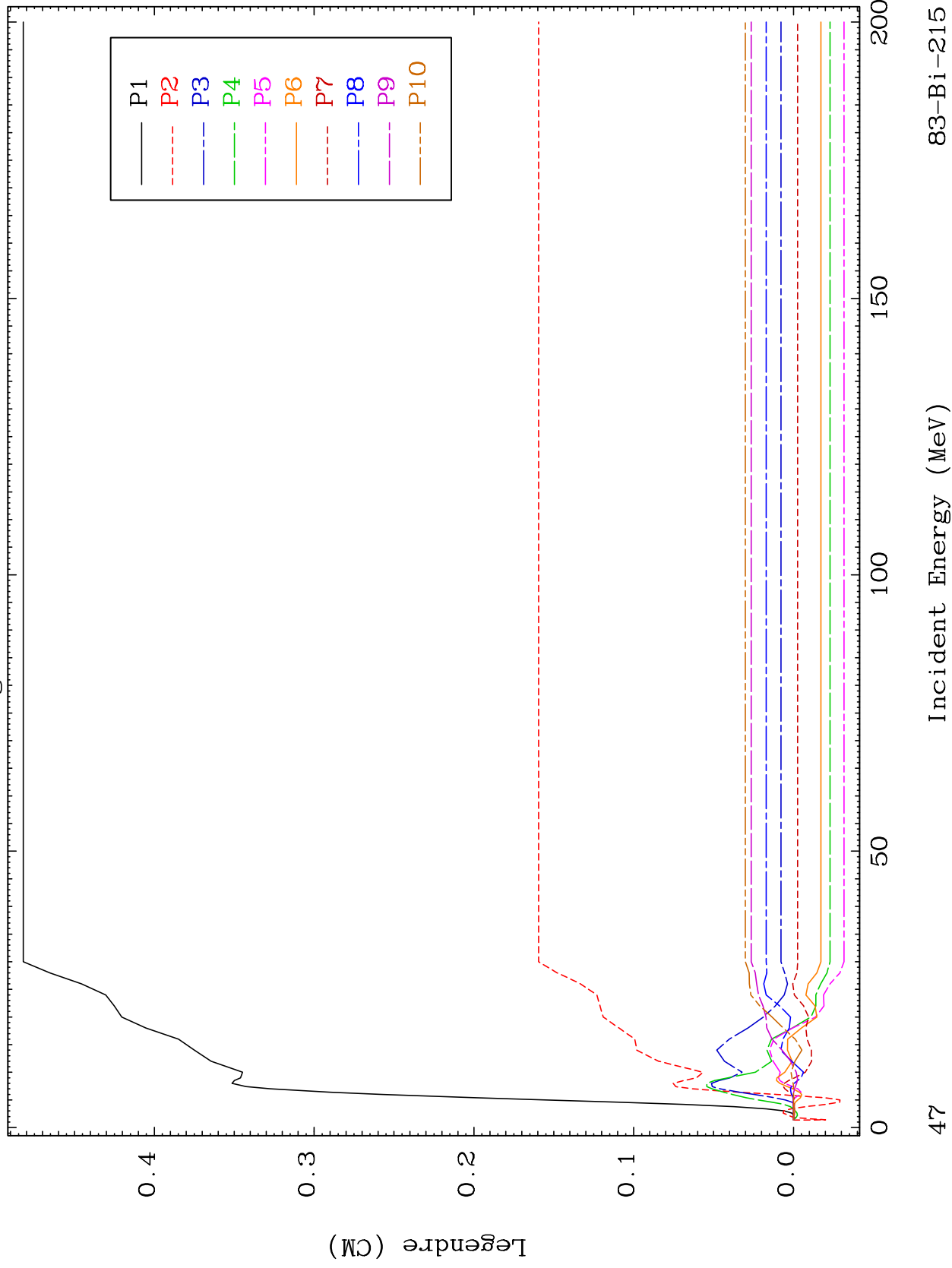
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



83-Bi-215

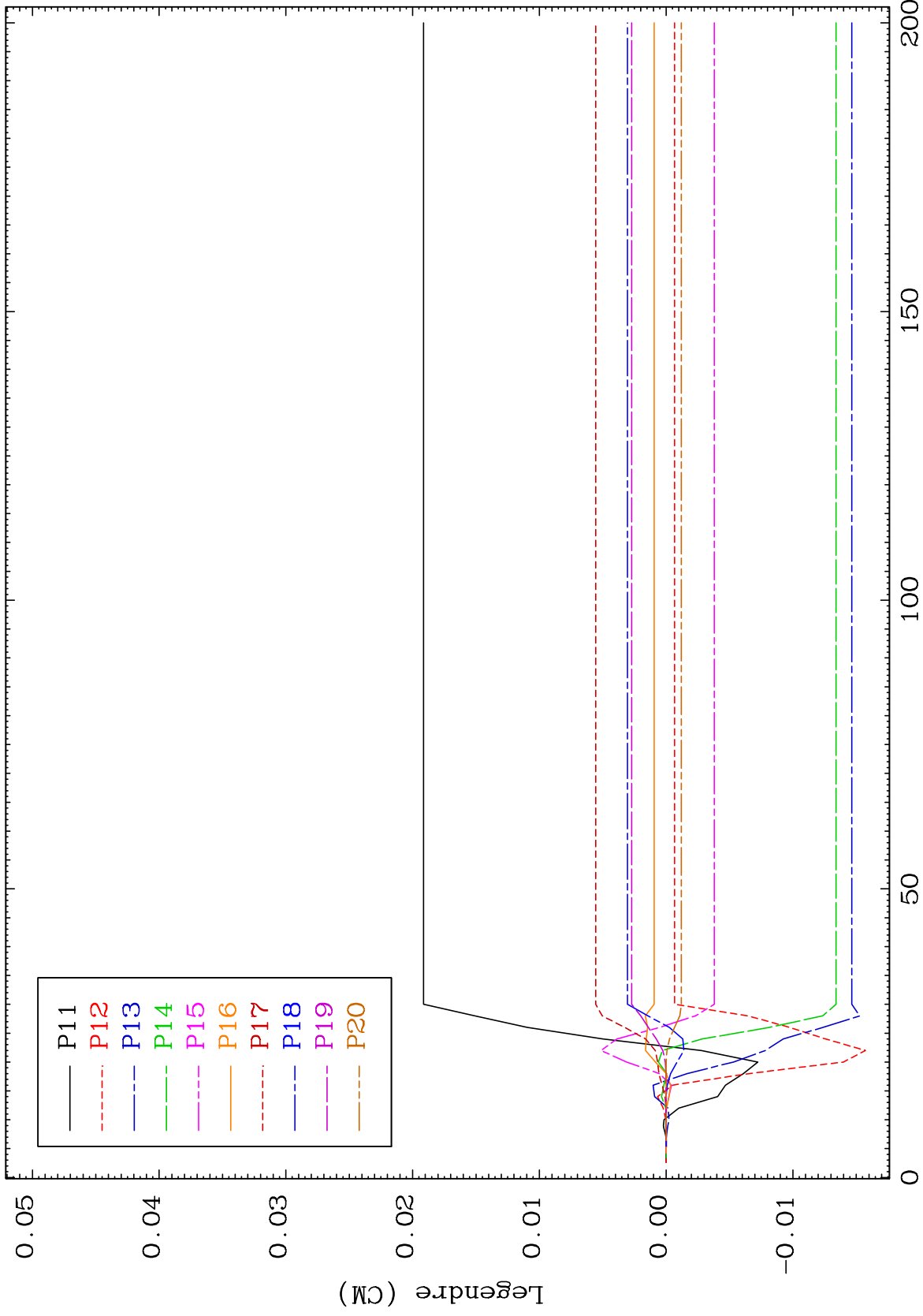
Incident Energy (MeV)

47

MAT 8343

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

83-Bi-215



48

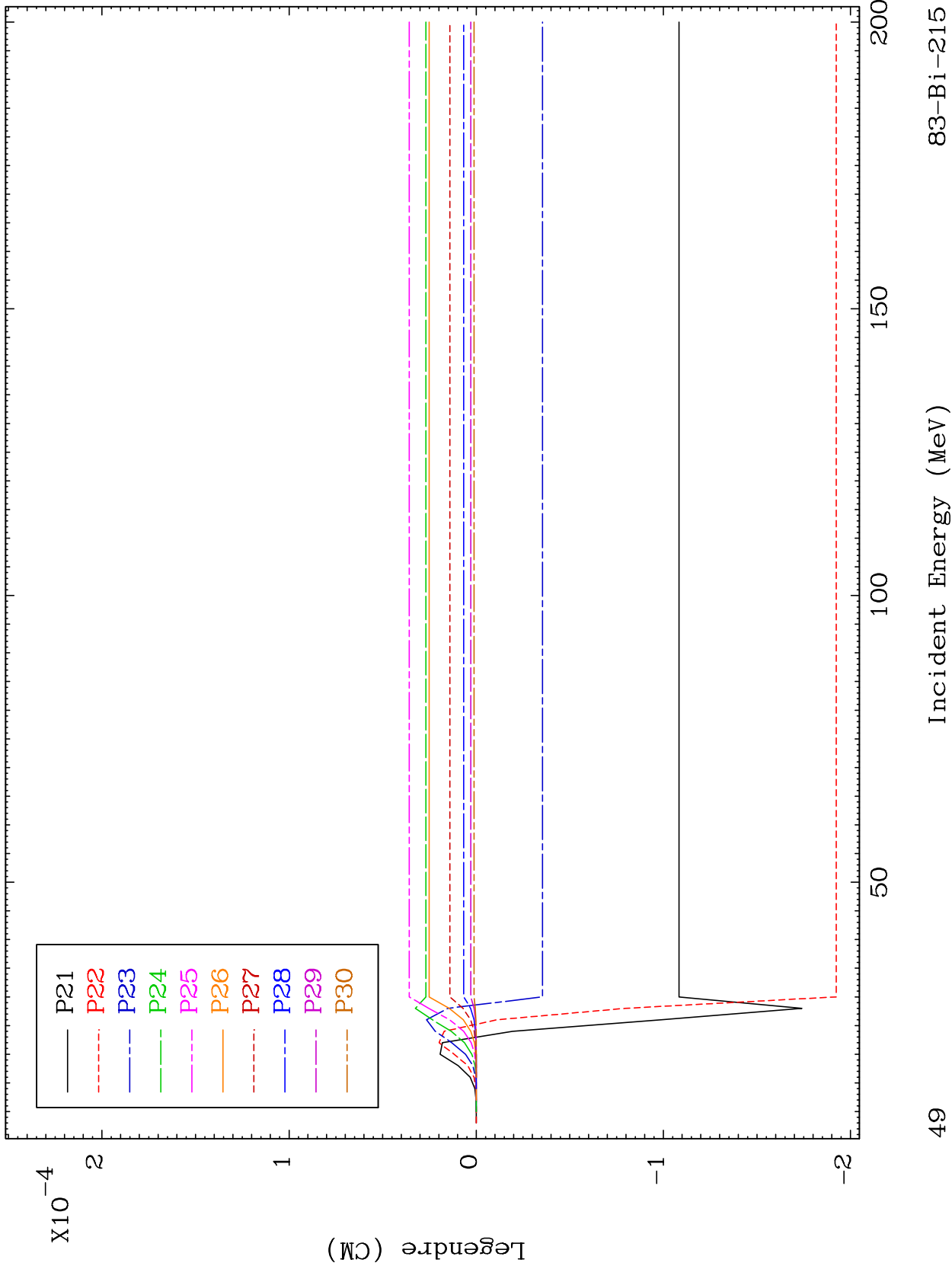
83-Bi-215

83-Bi-215

MAT 8343

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

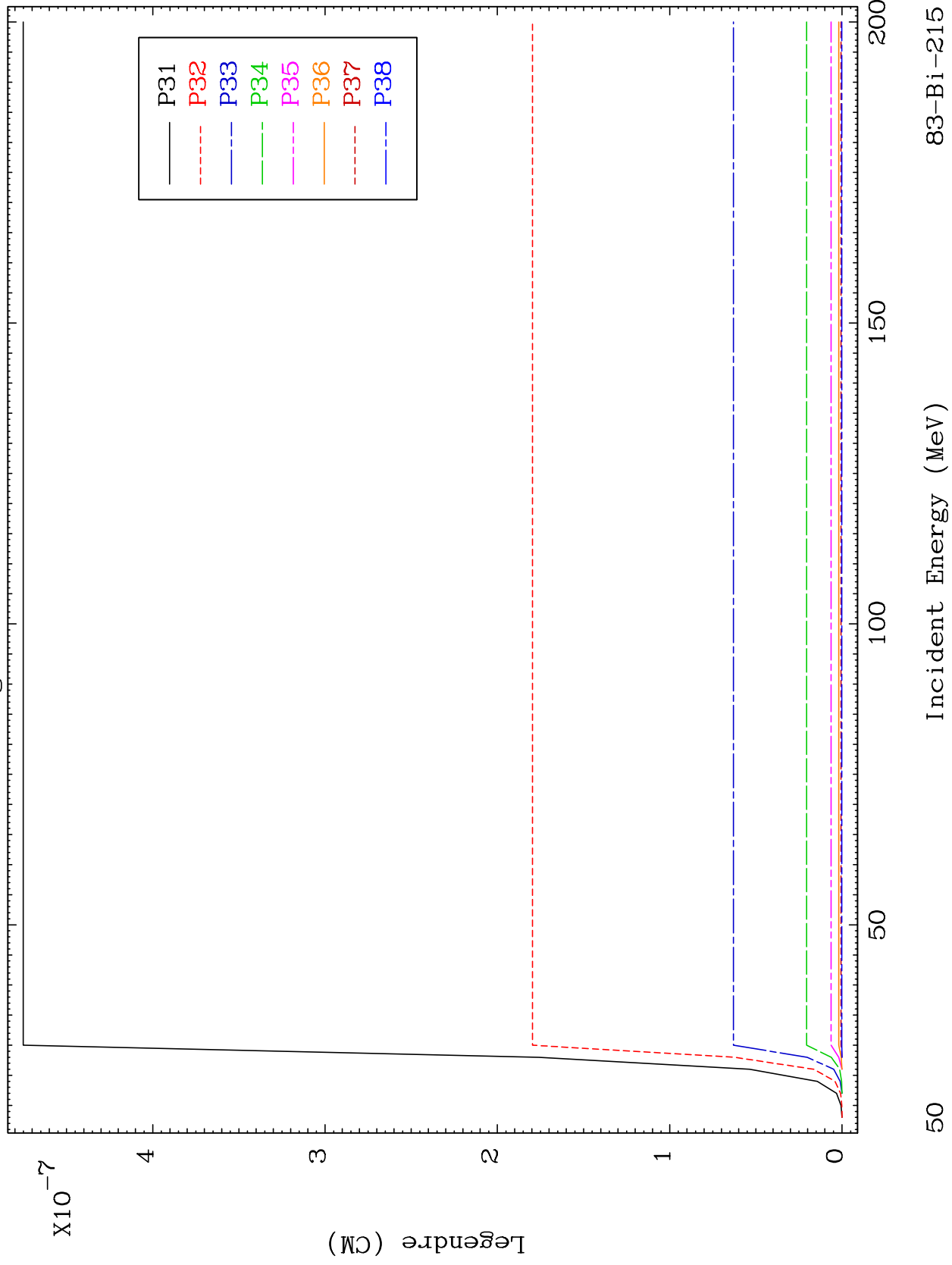
83-Bi-215



MAT 8343

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

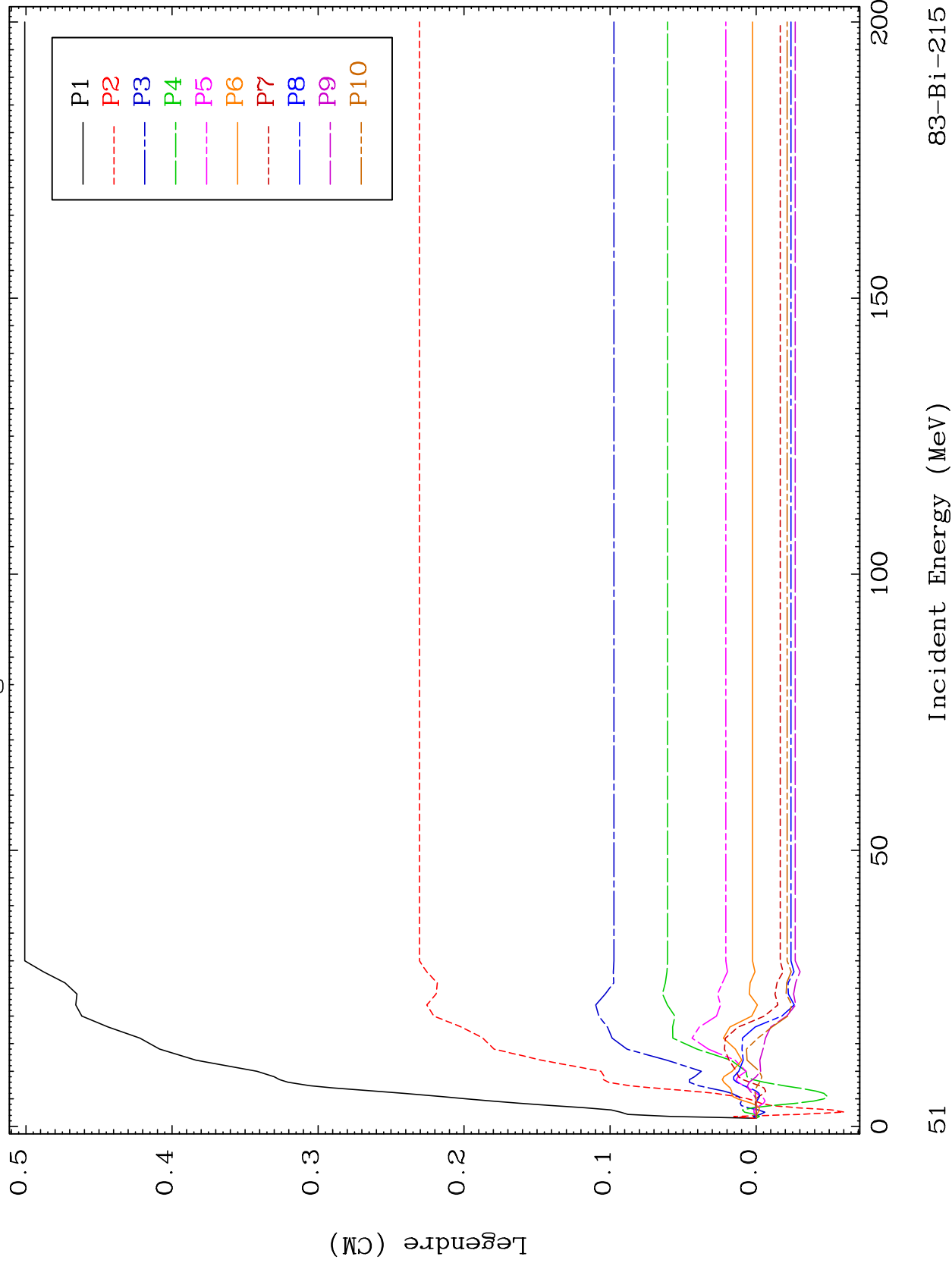
83-Bi-215



MAT 8343

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

83-Bi-215



51

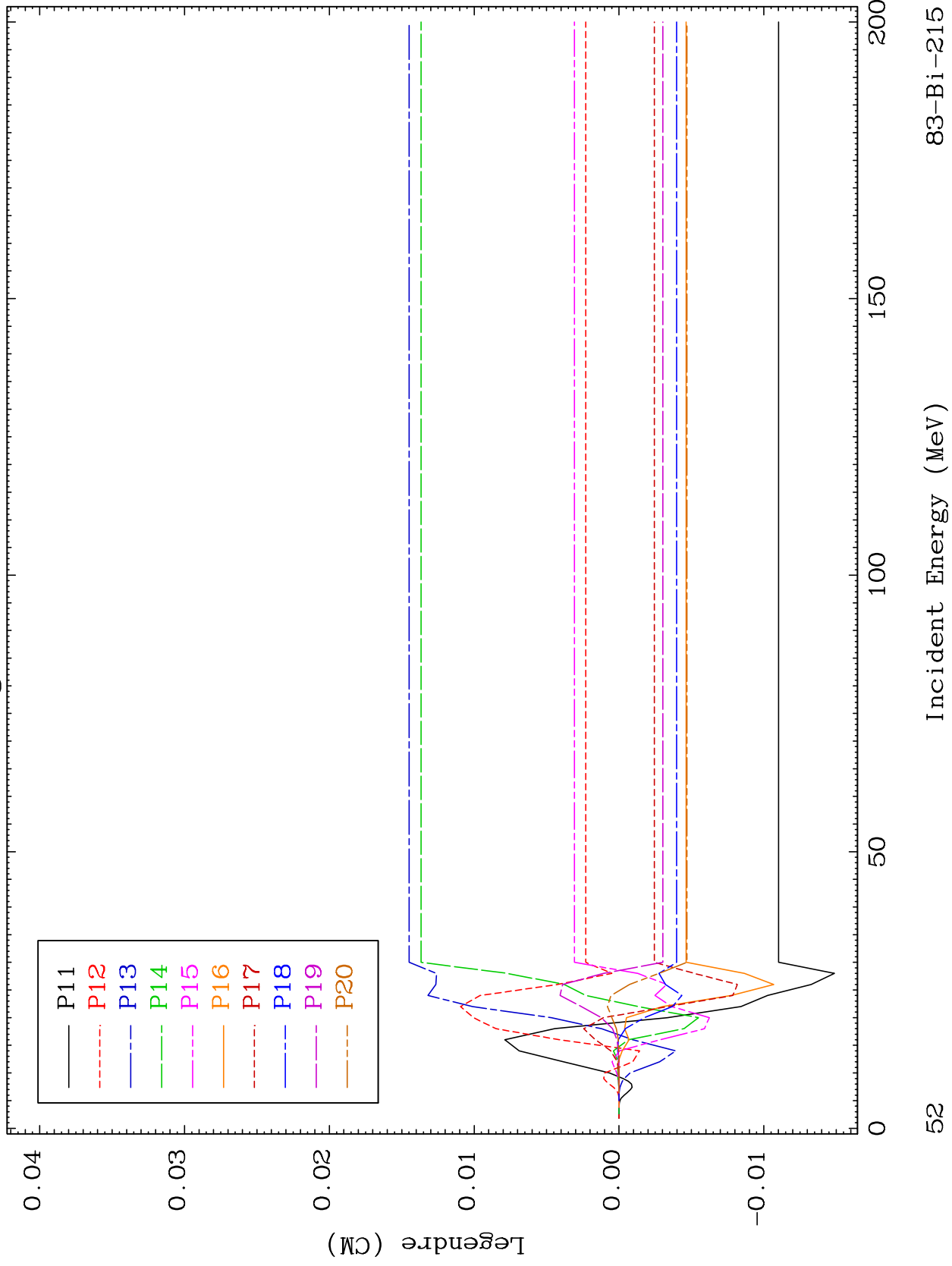
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



83-Bi-215

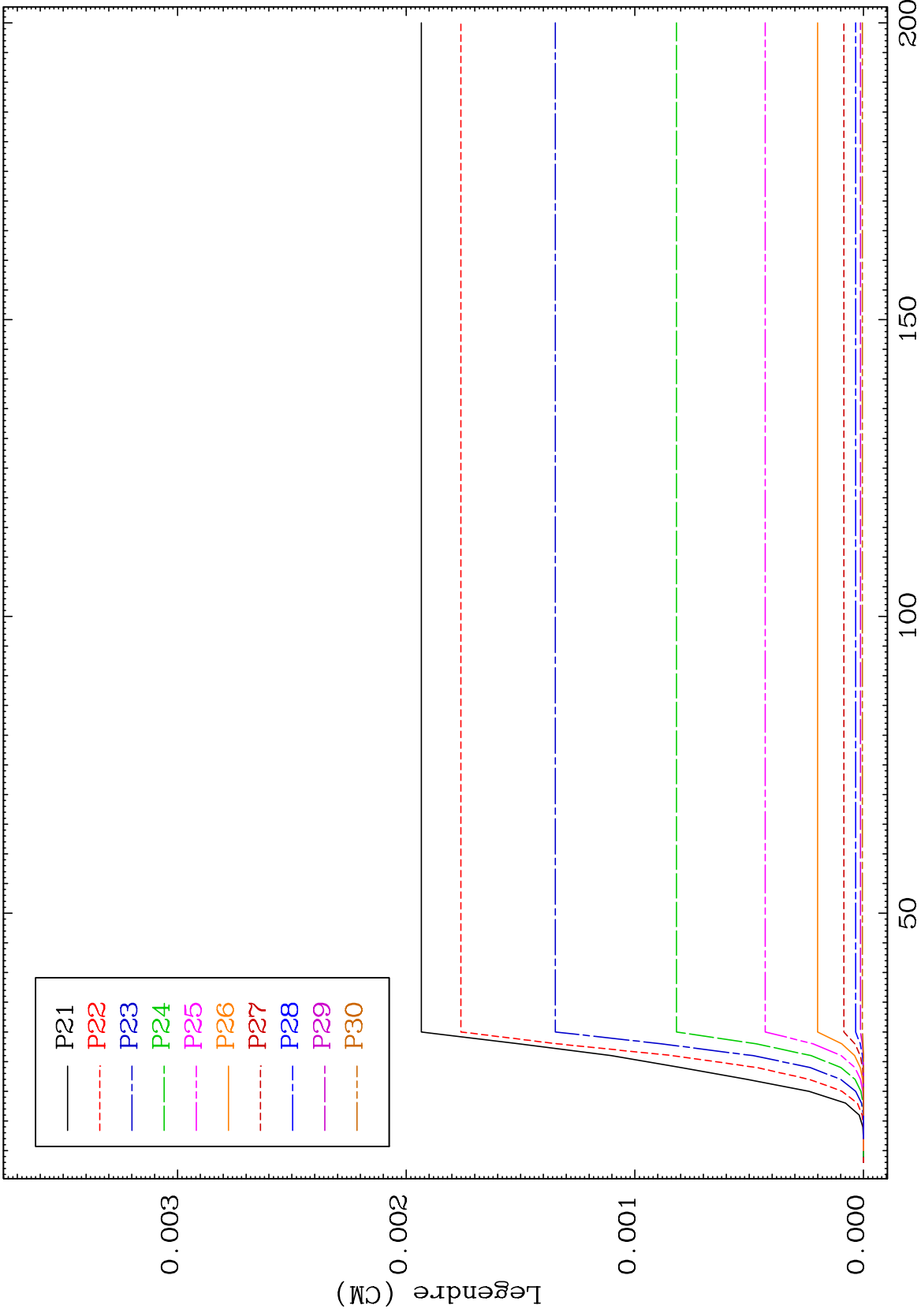
Incident Energy (MeV)

52

MAT 8343

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

83-Bi-215



53

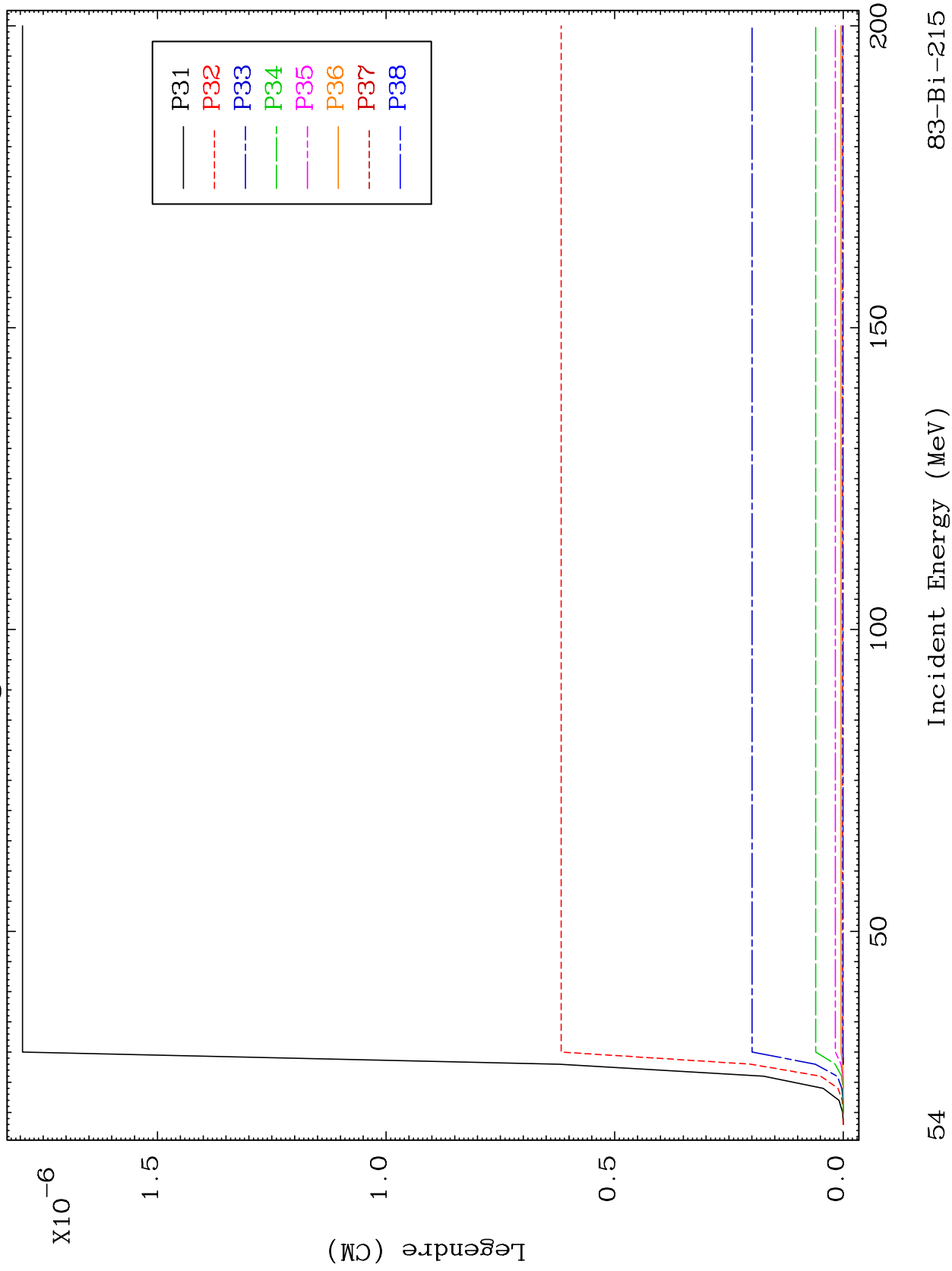
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215

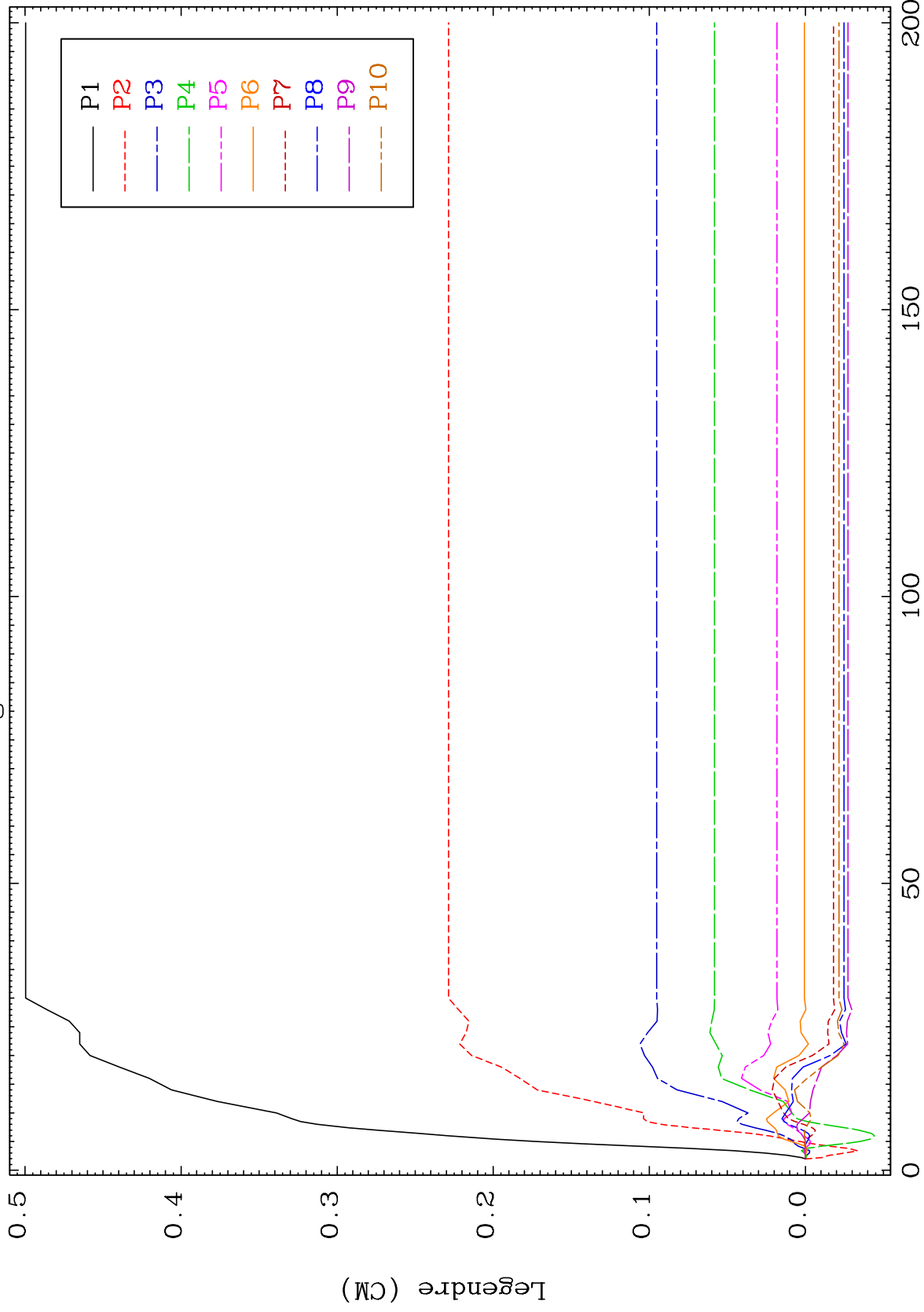


54

MAT 8343

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

83-Bi-215



55

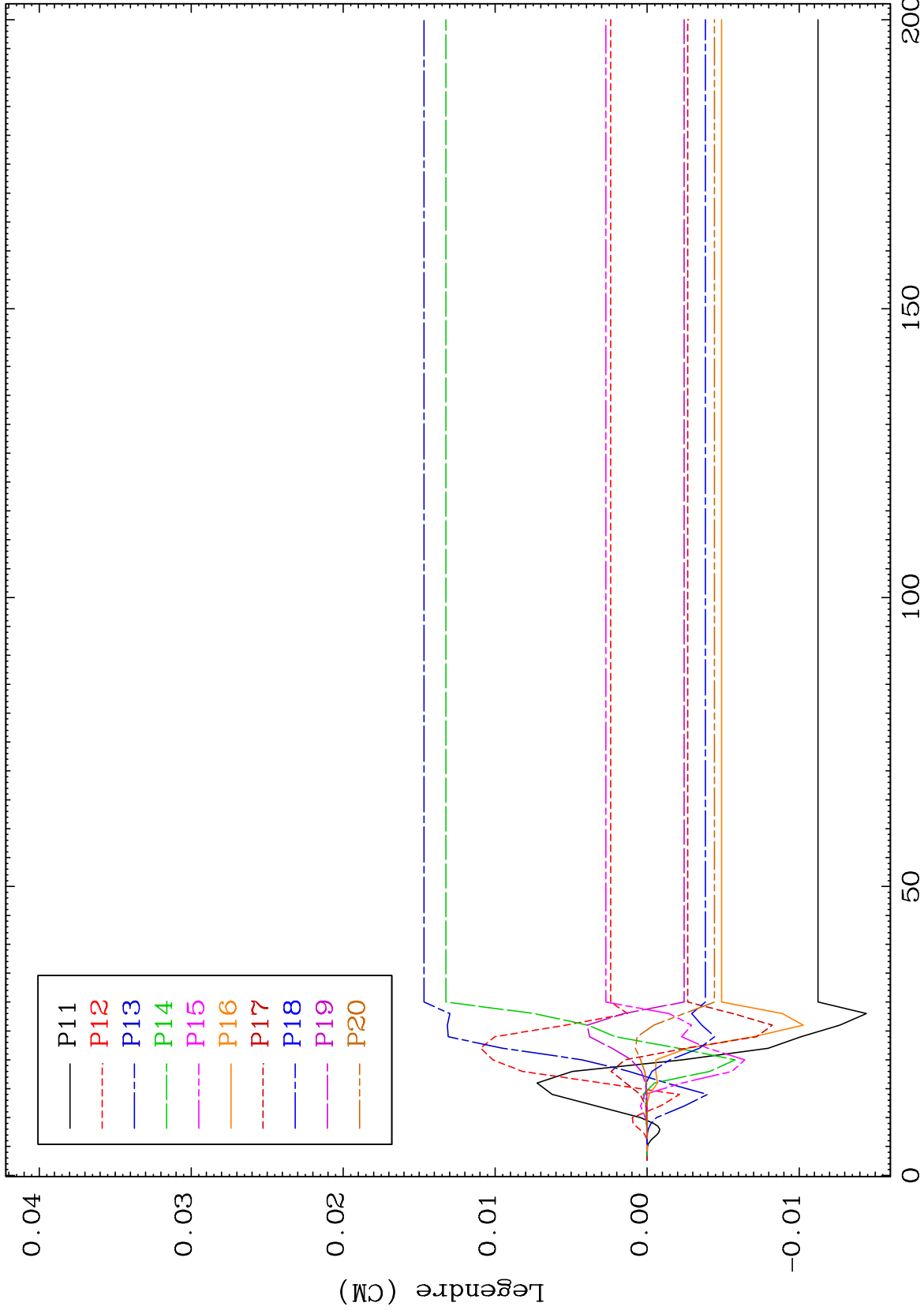
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



56

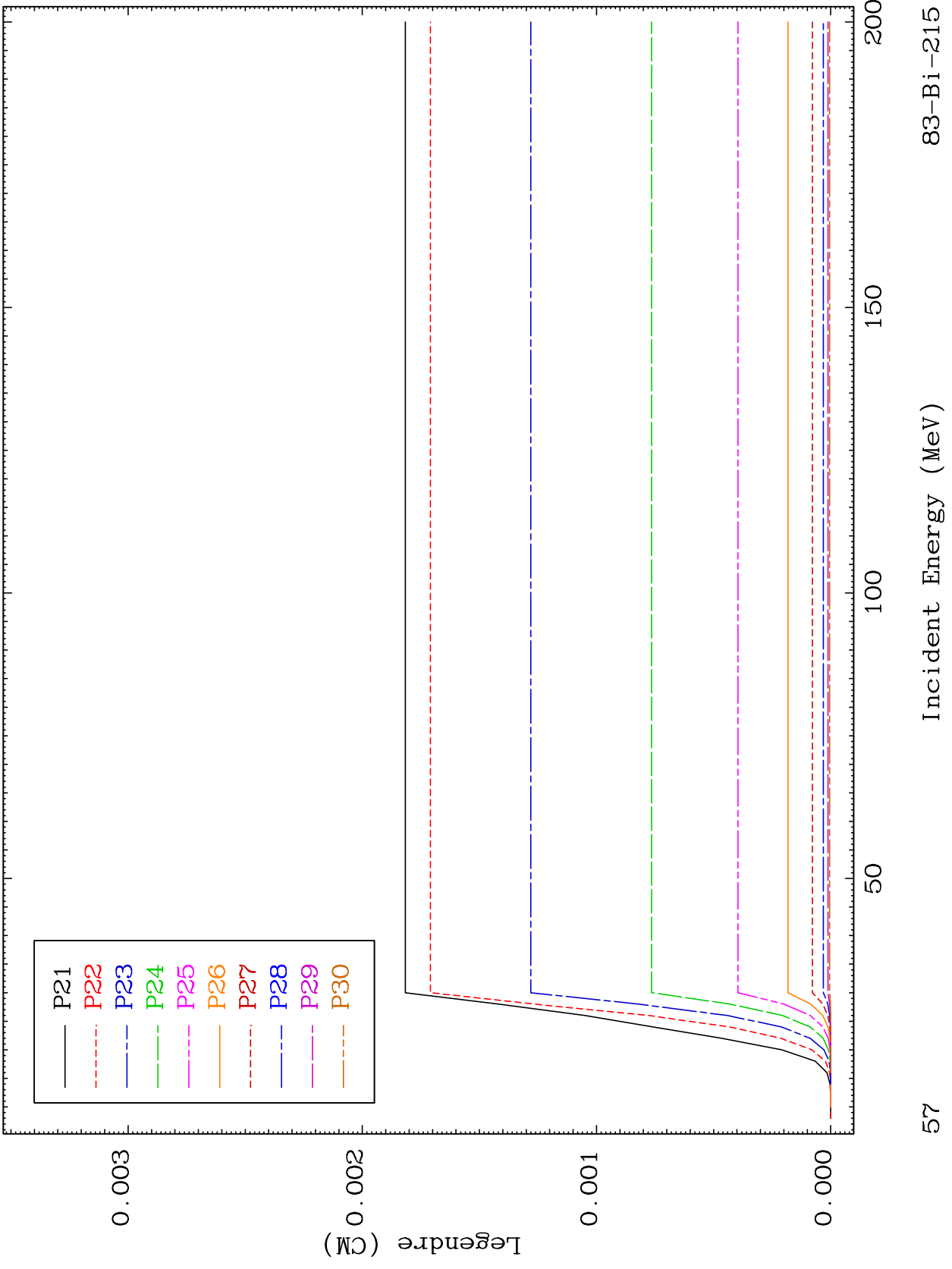
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



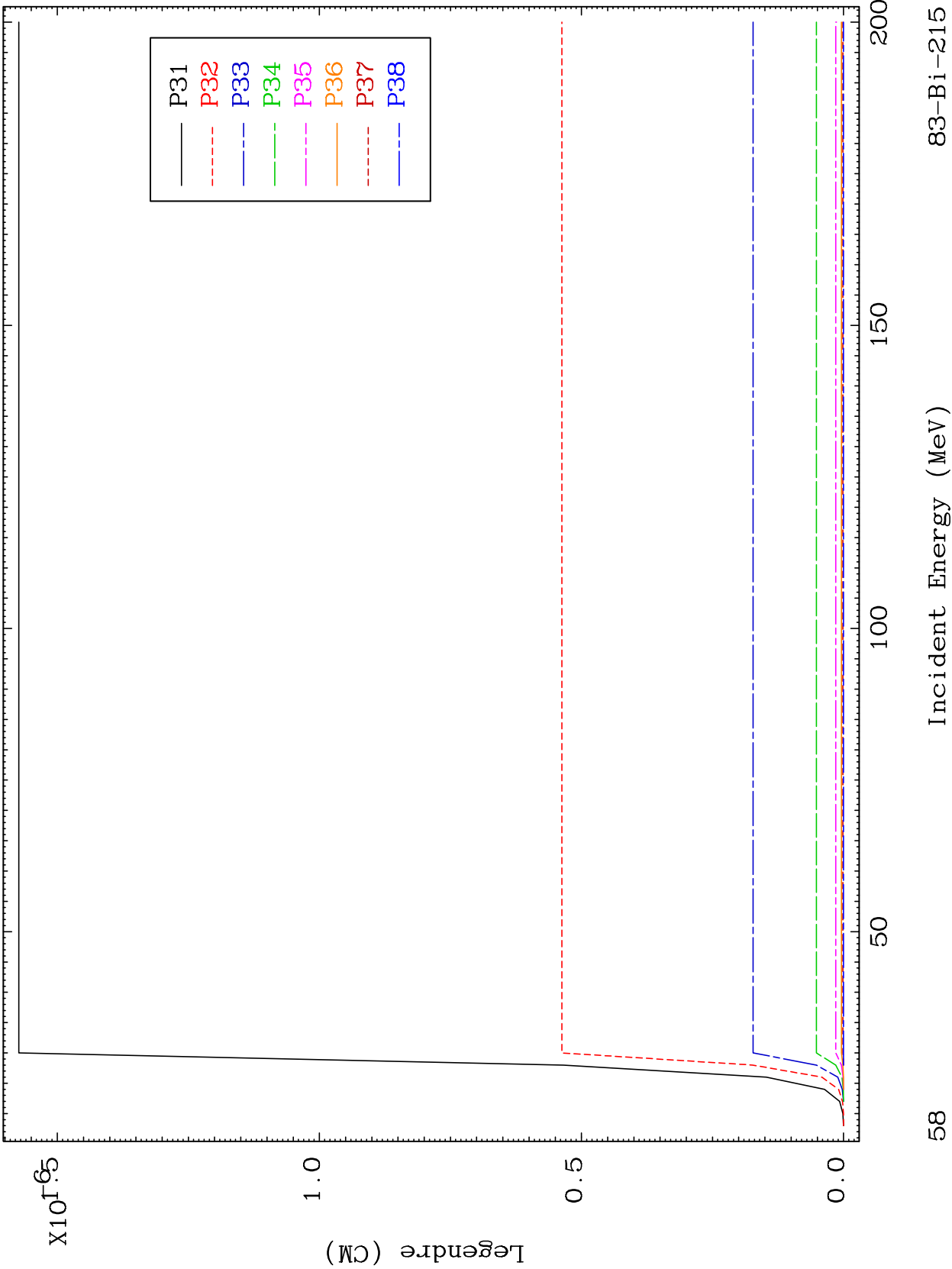
57

83-Bi-215

MAT 8343

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

83-Bi-215



58

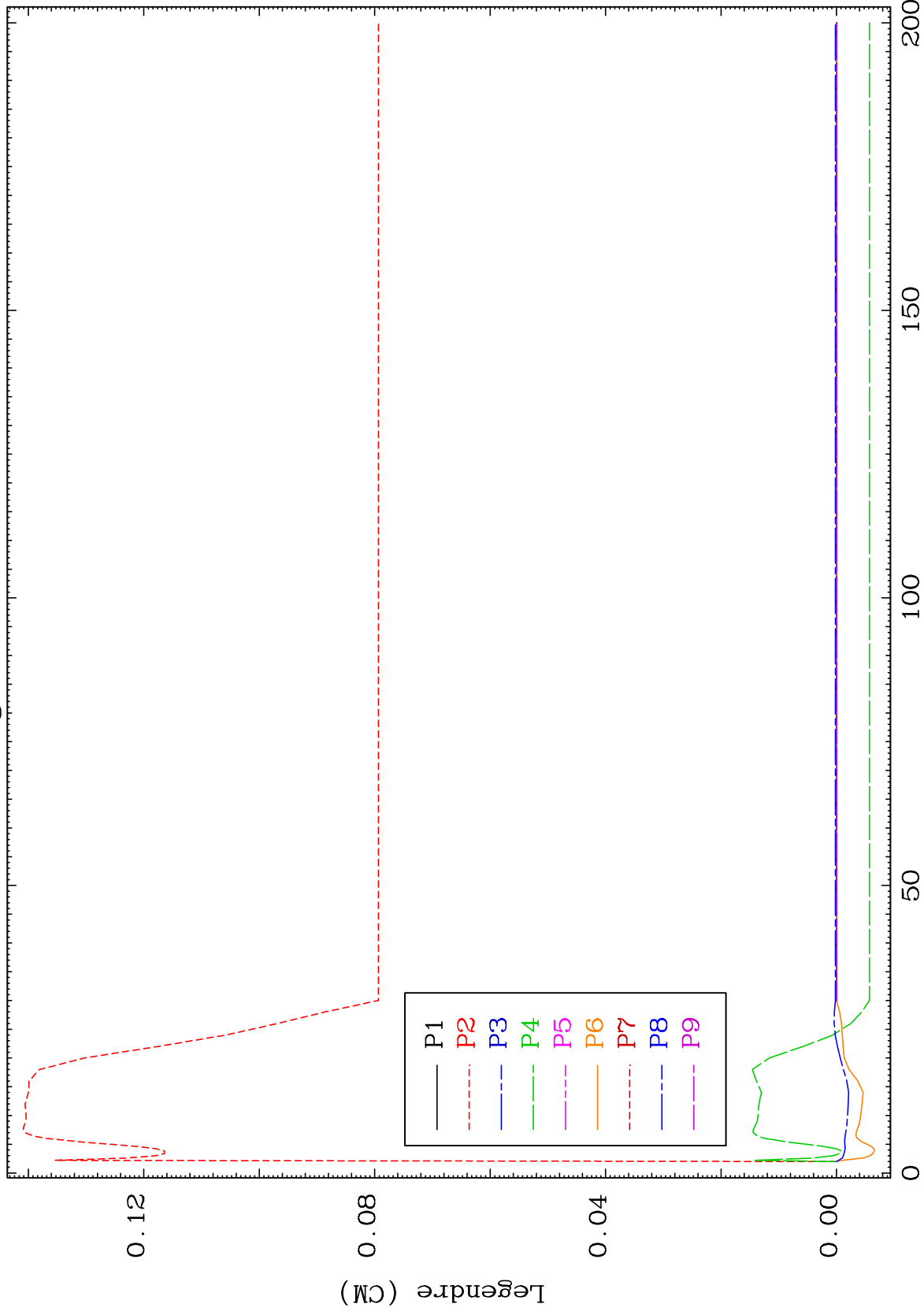
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



59

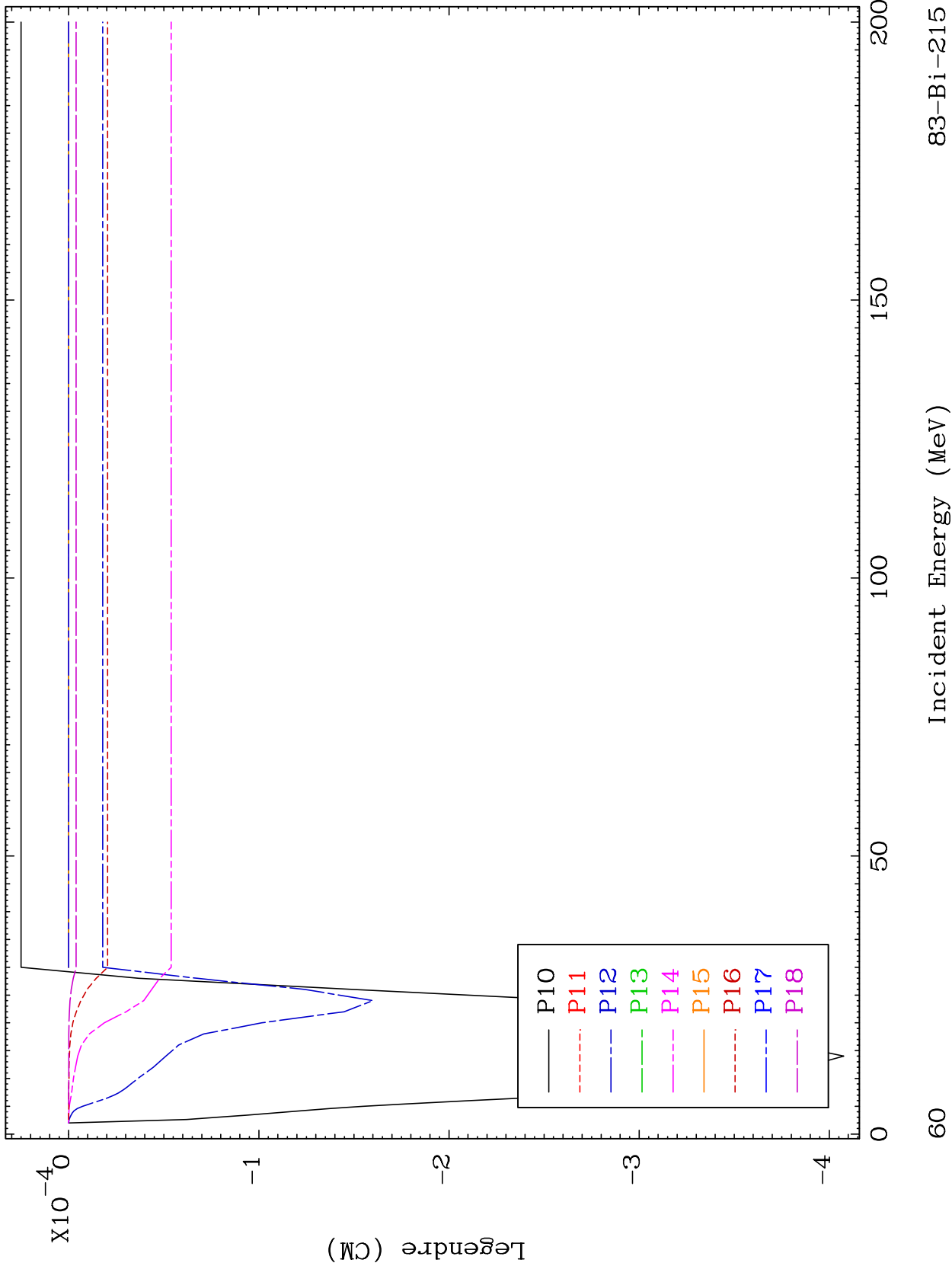
83-Bi-215

83-Bi-215

MAT 8343

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

83-Bi-215



83-Bi-215

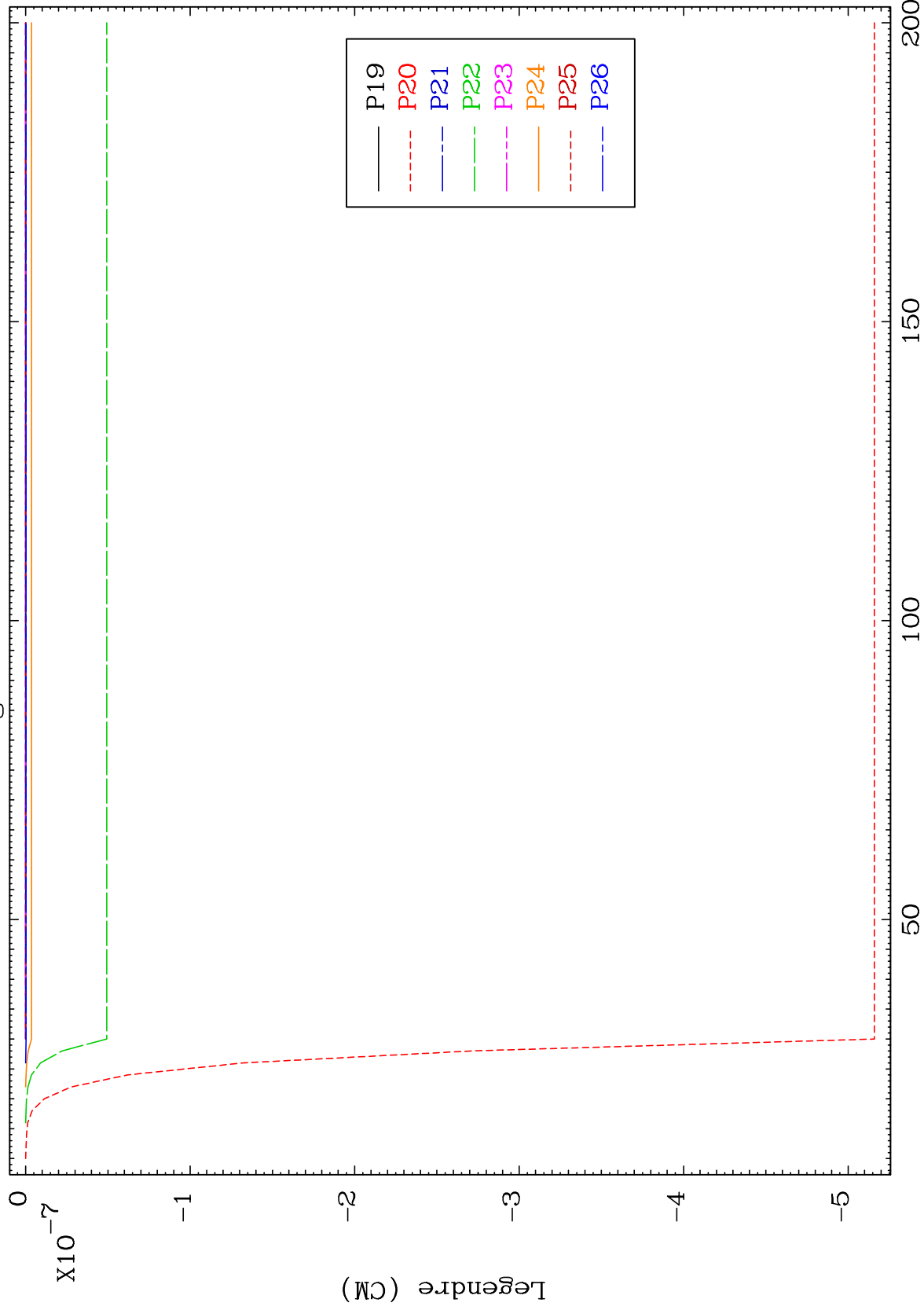
Incident Energy (MeV)

60

MAT 8343

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

83-Bi-215



61

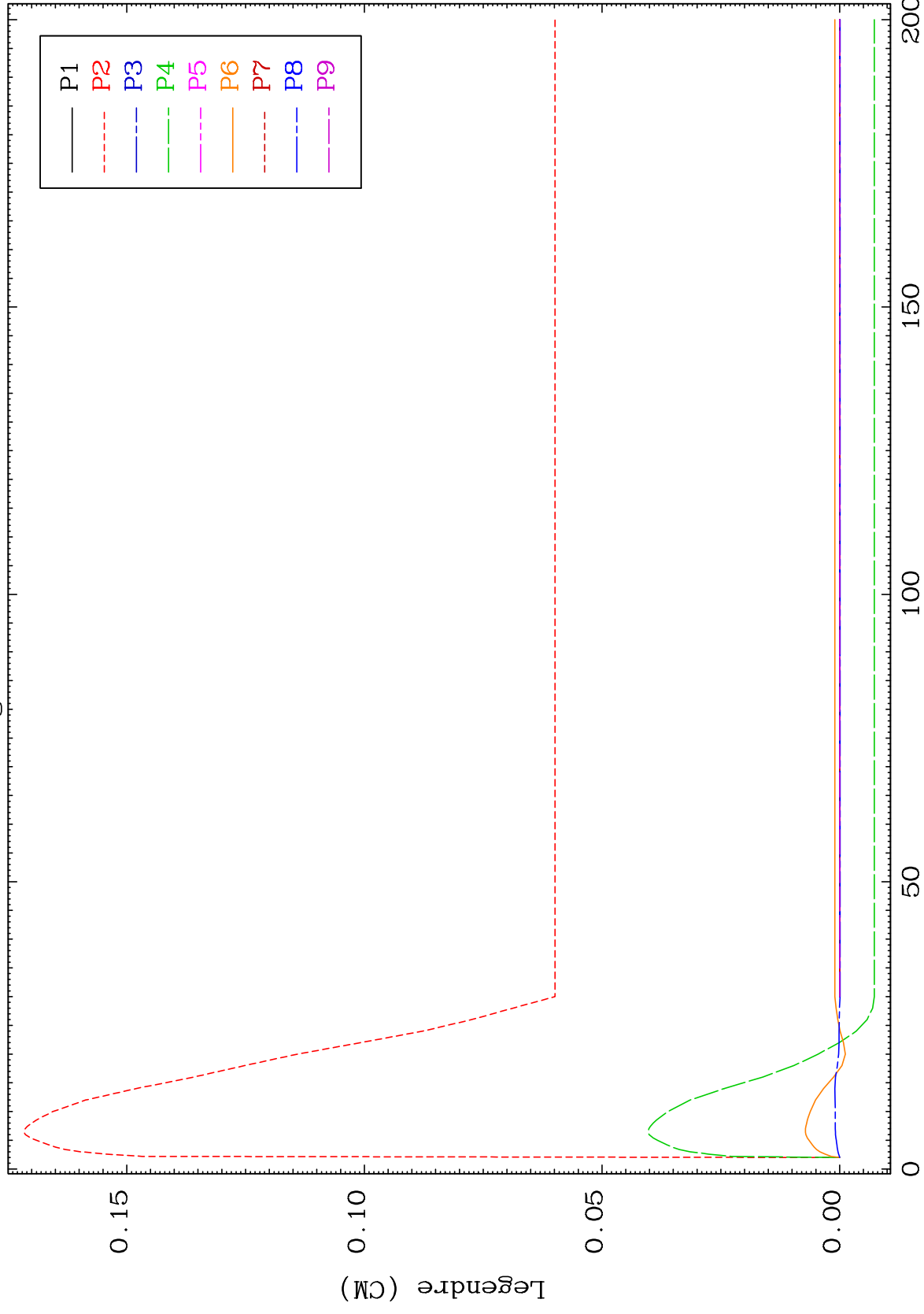
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



83-Bi-215

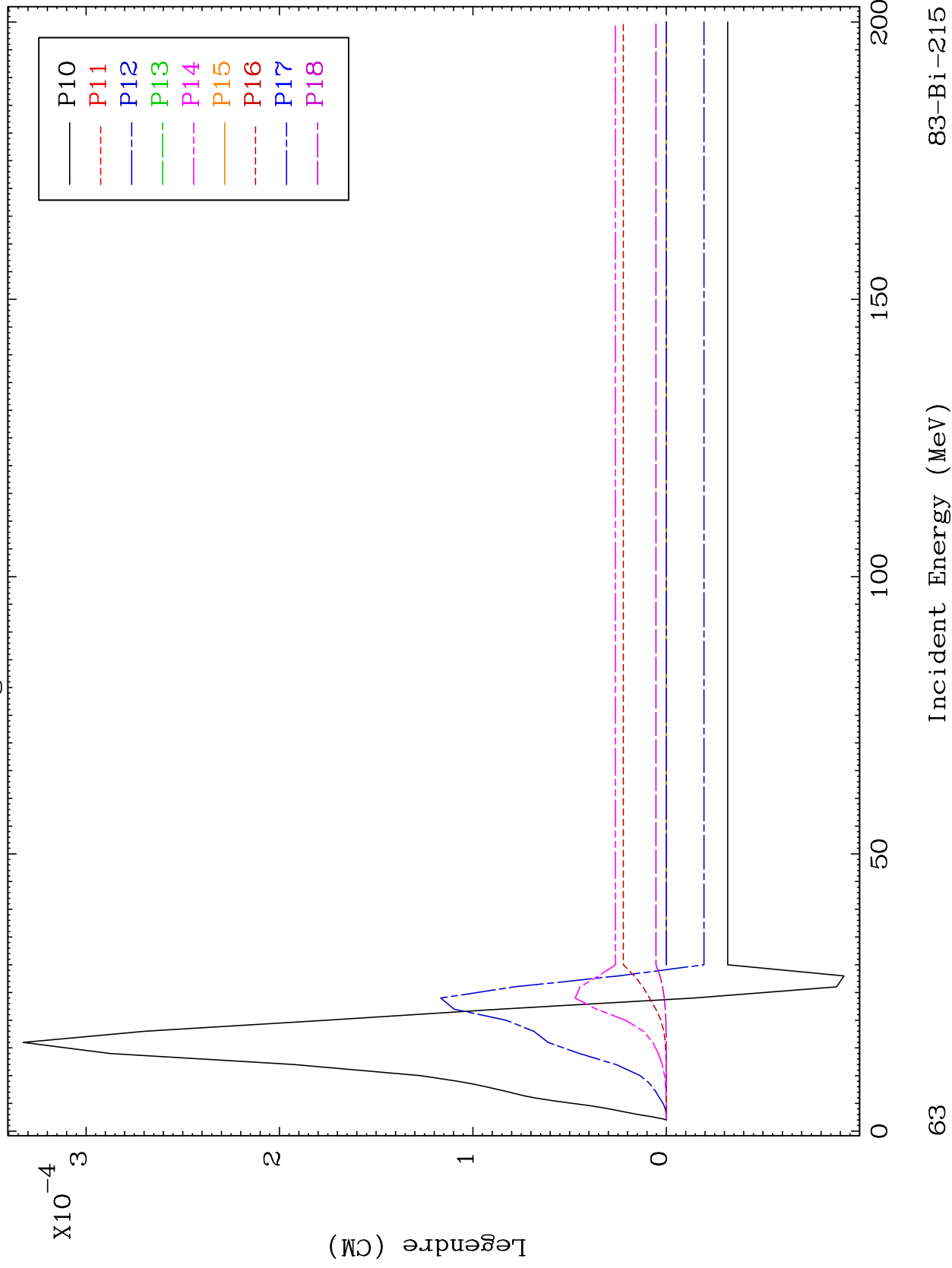
Incident Energy (MeV)

62

MAT 8343

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

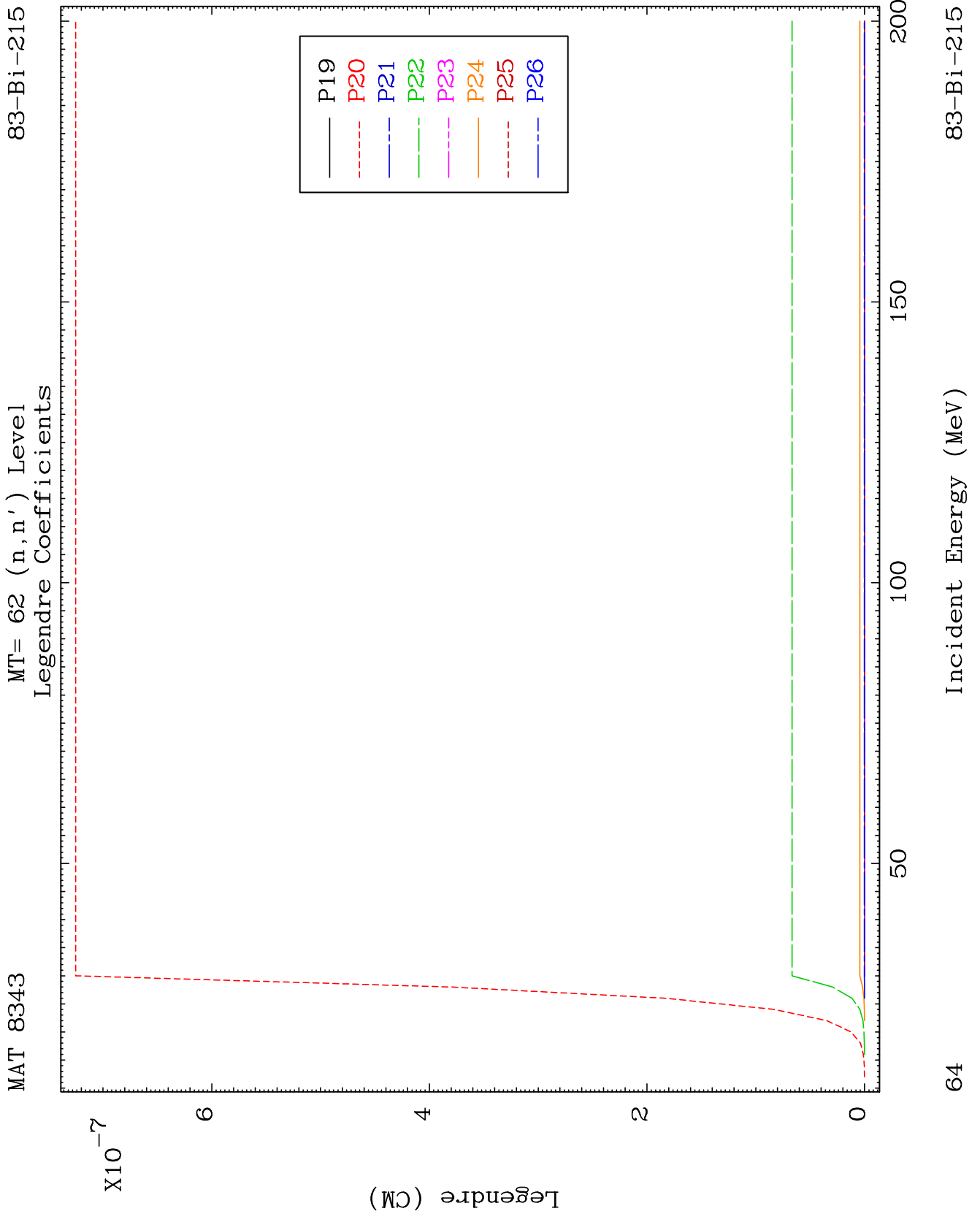
83-Bi-215



63

Incident Energy (MeV)

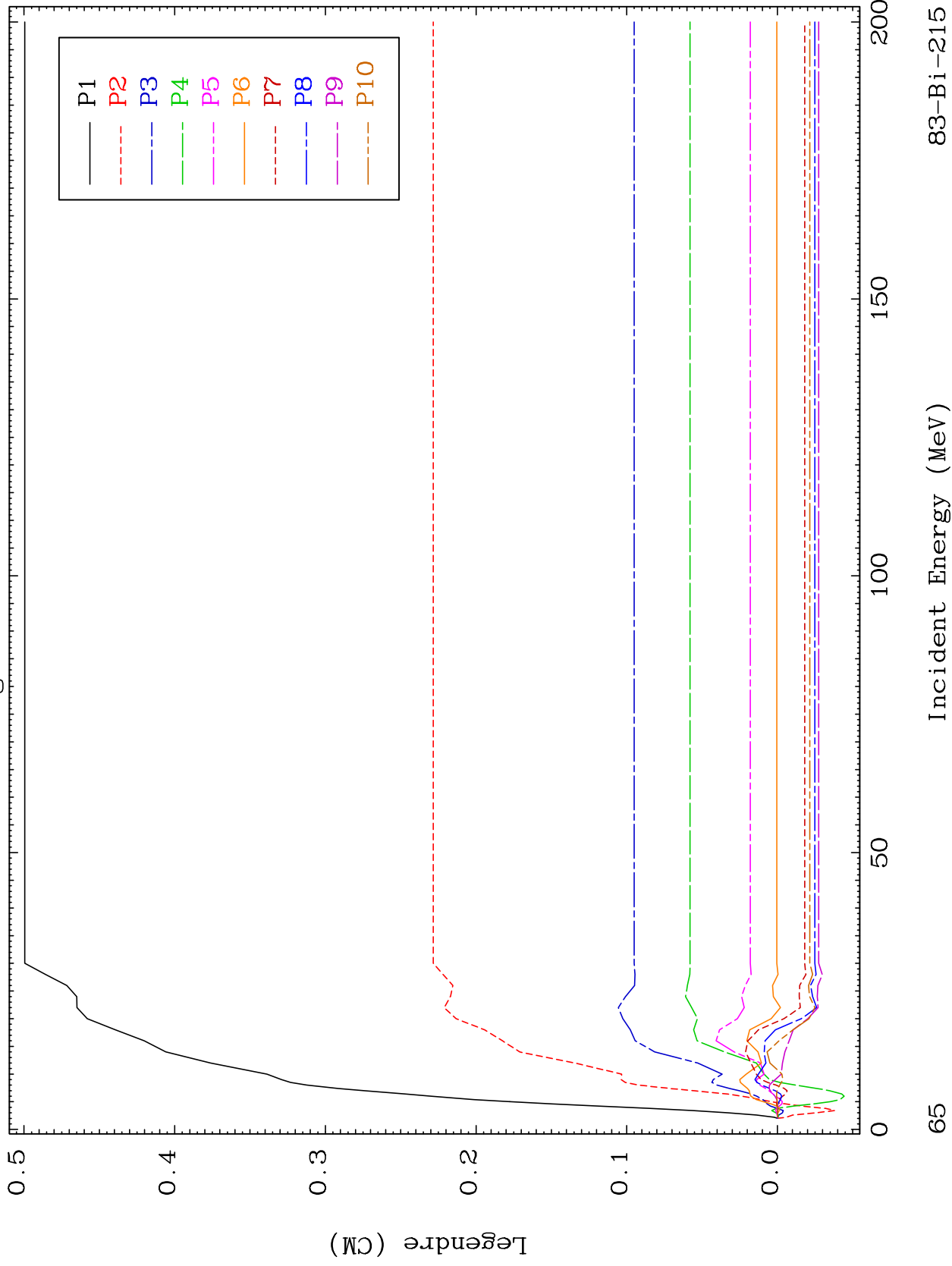
83-Bi-215



MAT 8343

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

83-Bi-215



83-Bi-215

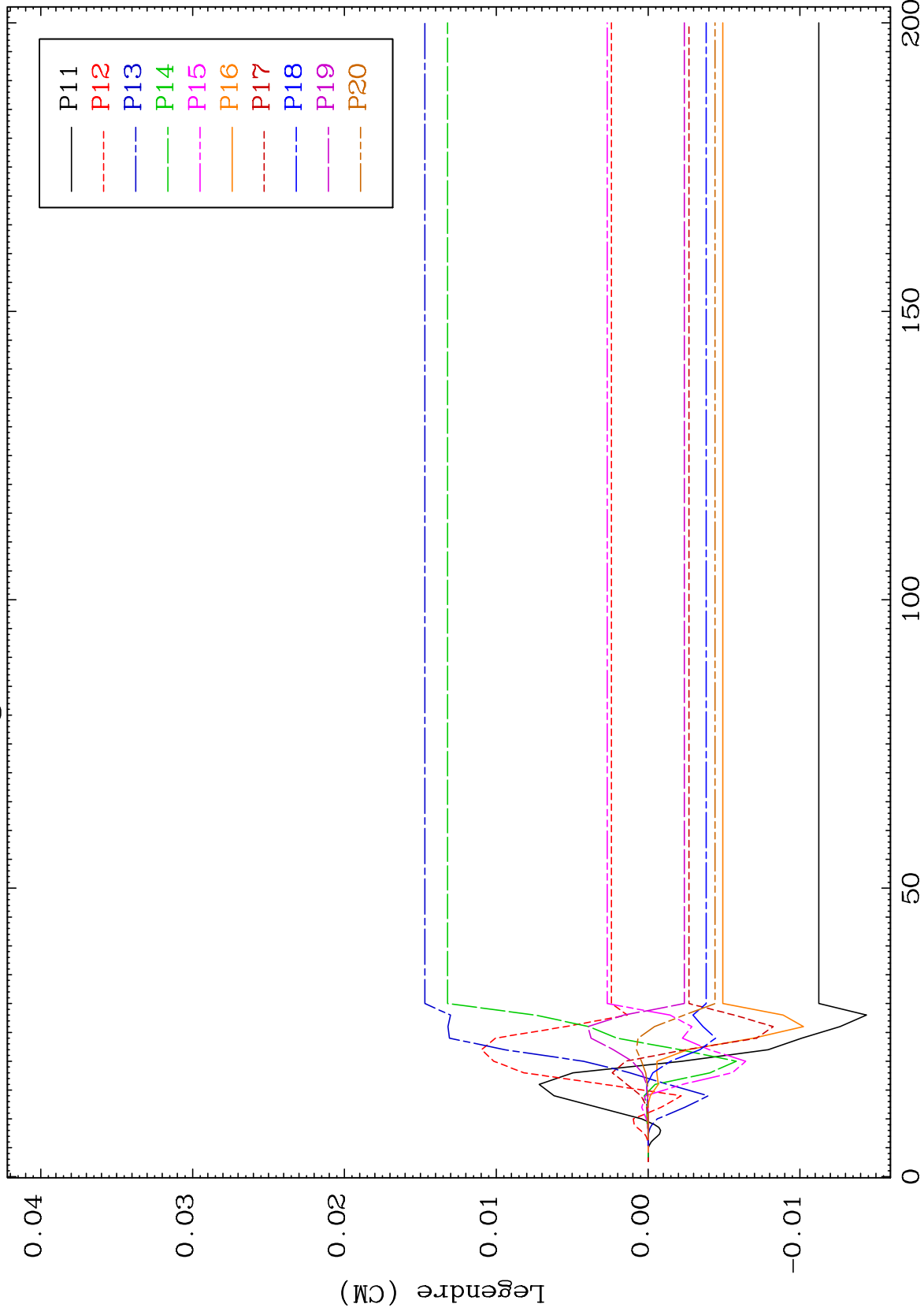
Incident Energy (MeV)

65

MAT 8343

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

83-Bi-215



66

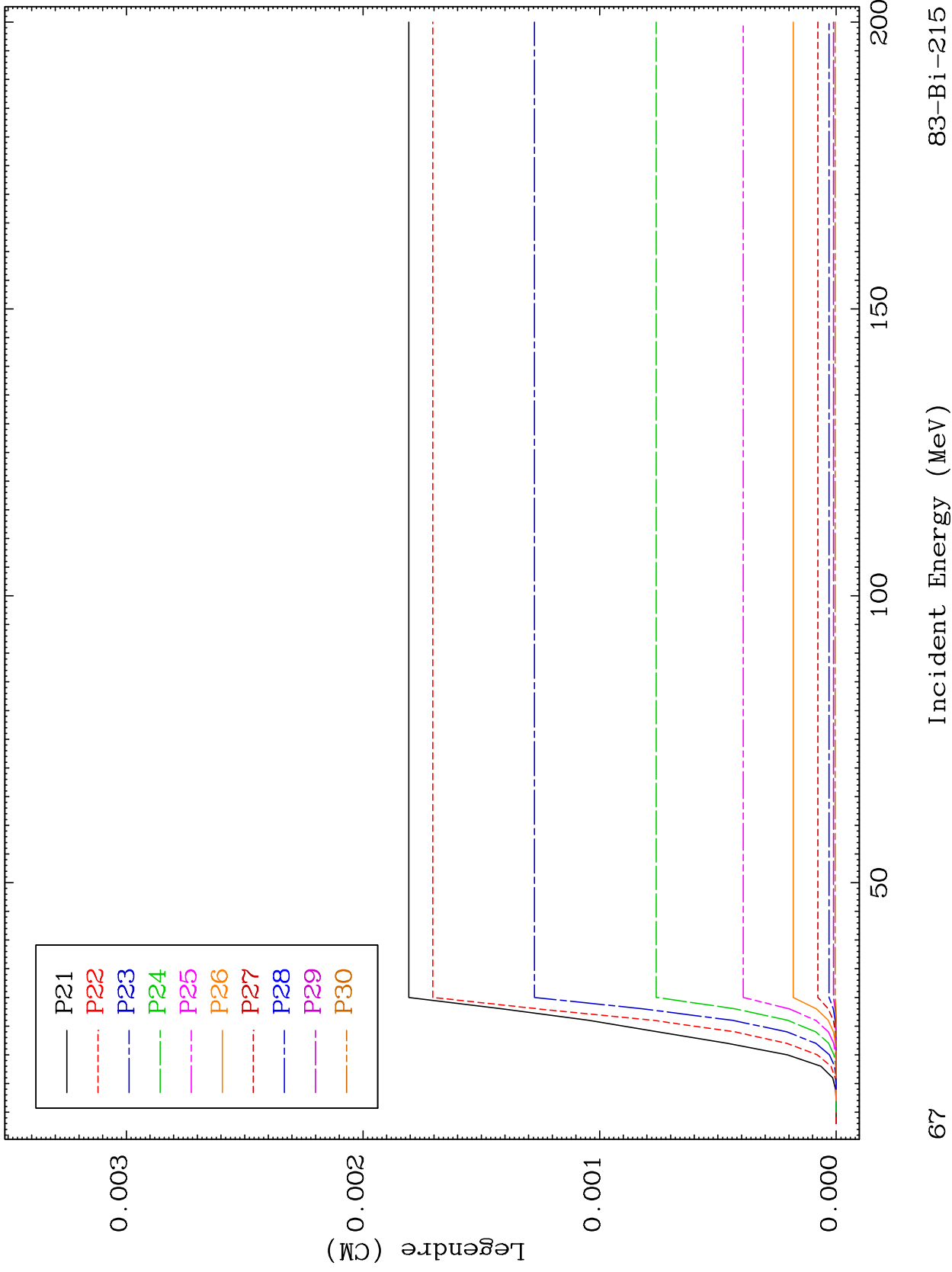
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



67

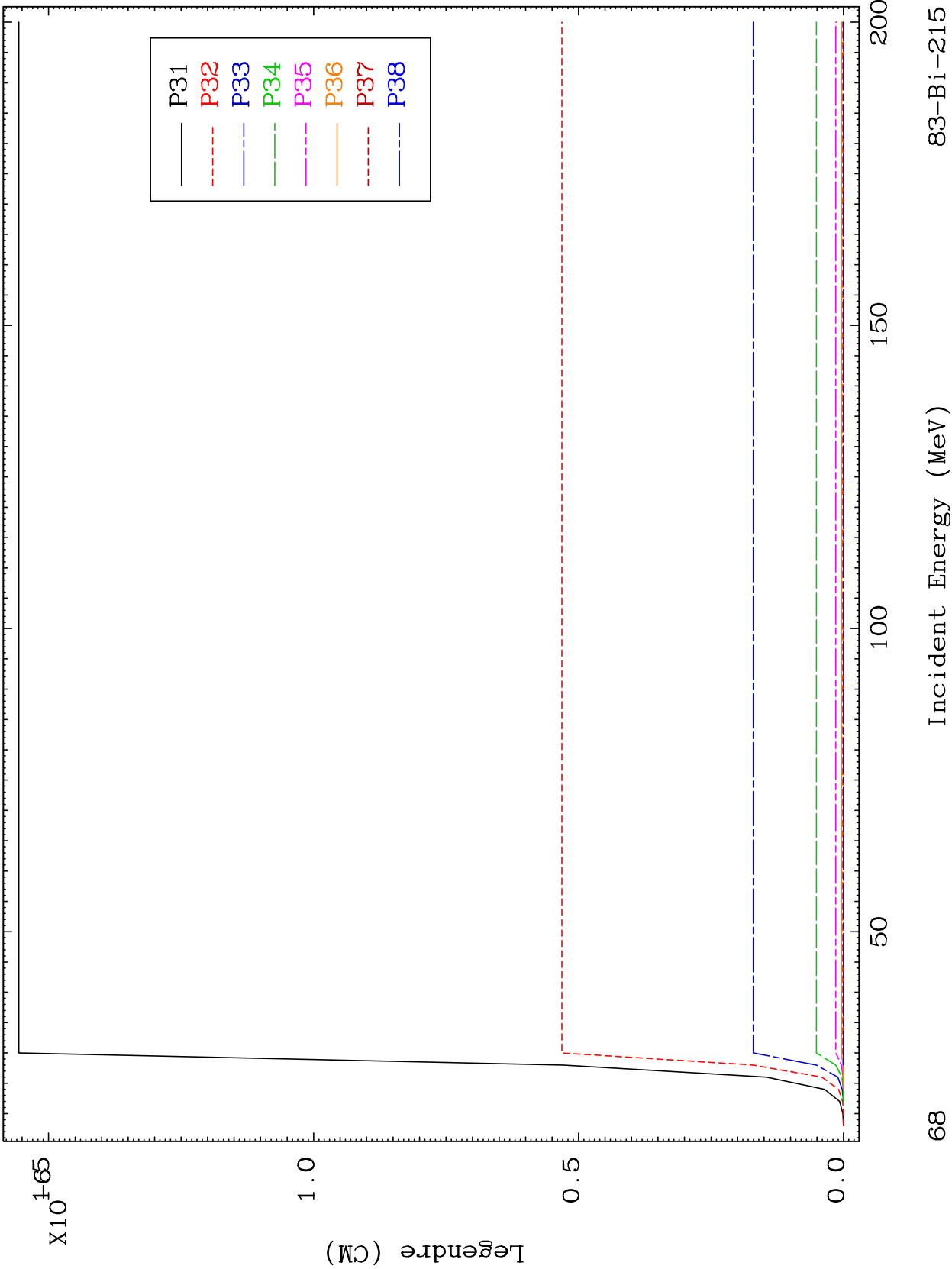
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



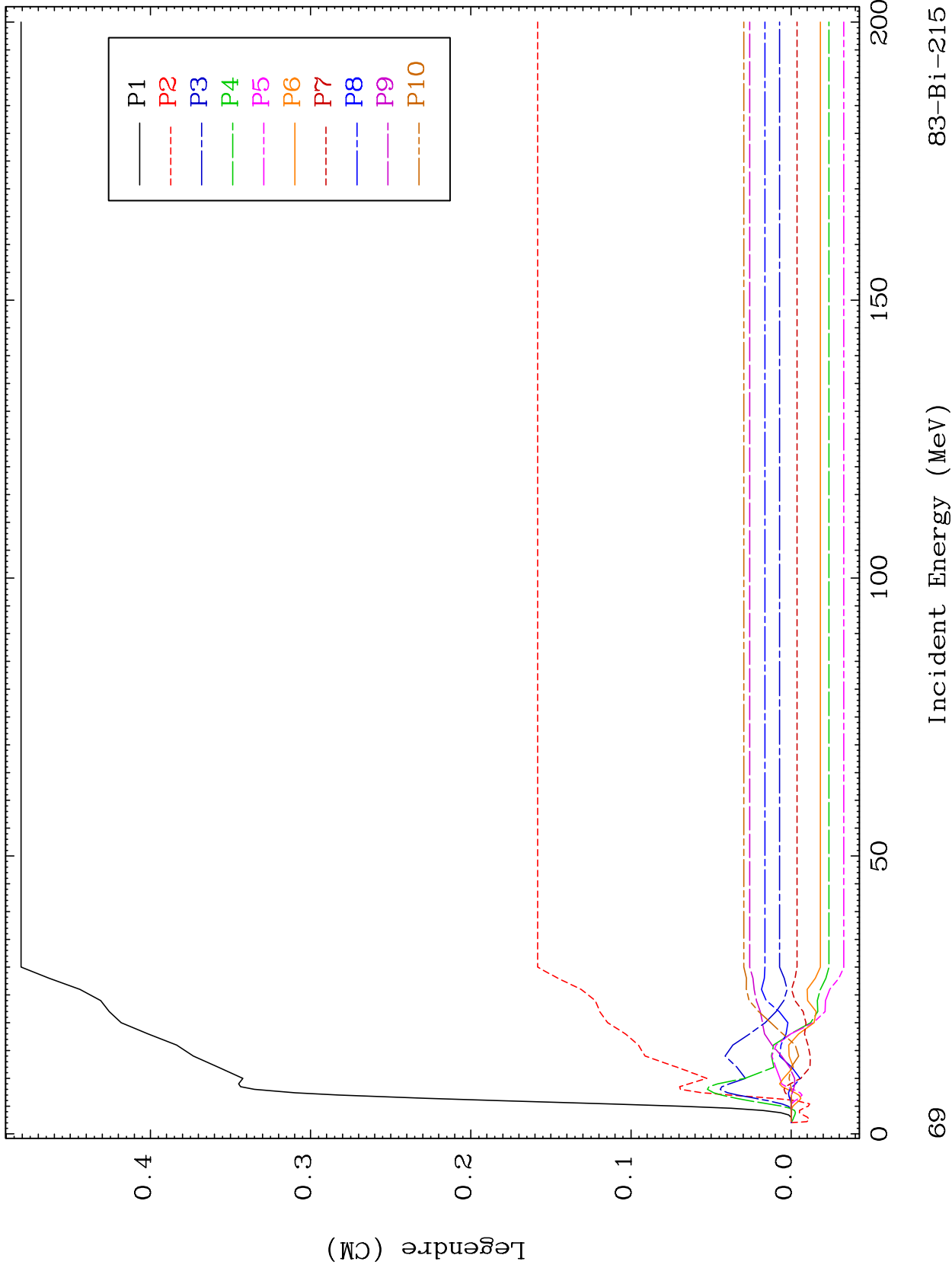
68

83-Bi-215

MAT 8343

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

83-Bi-215



83-Bi-215

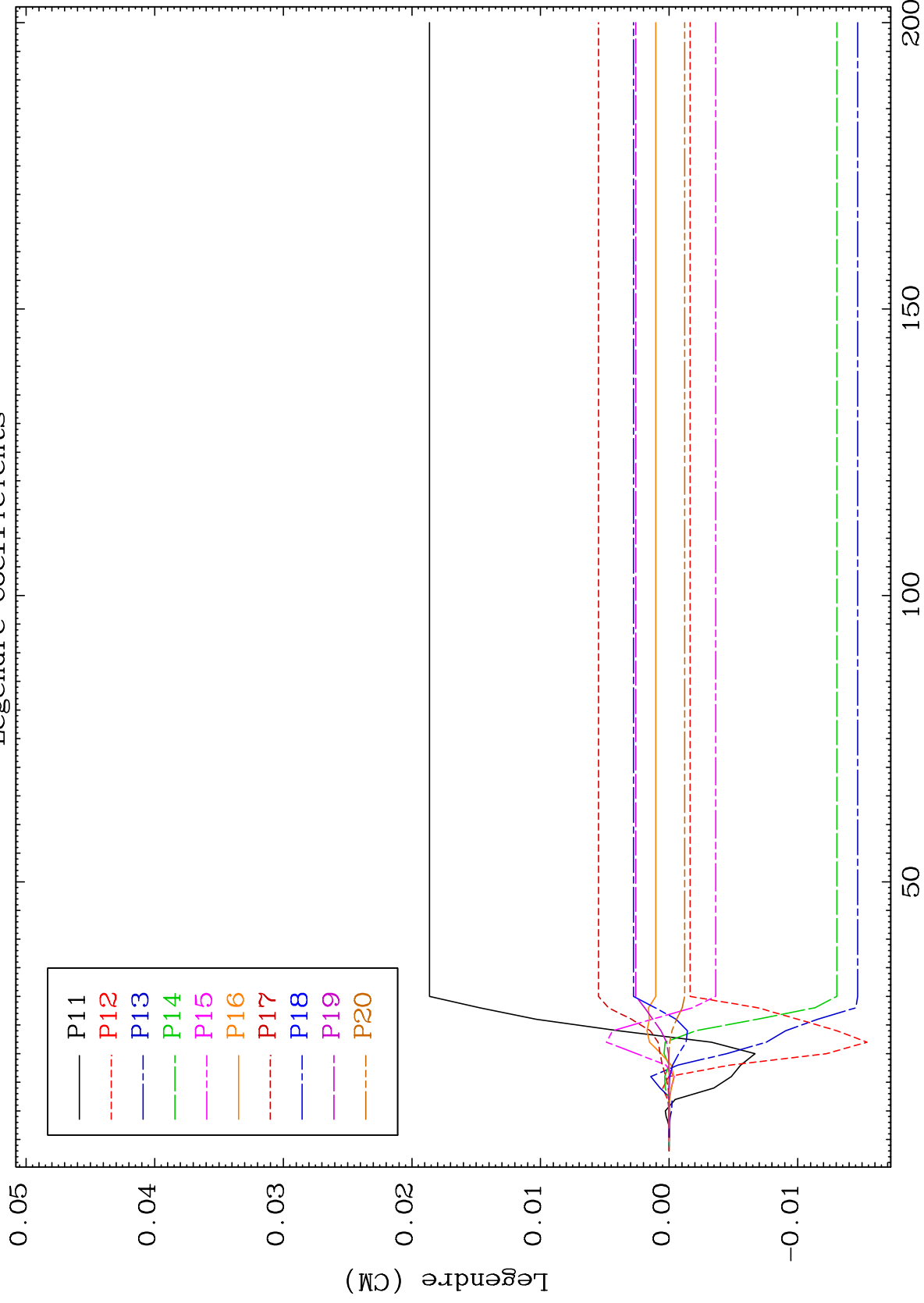
Incident Energy (MeV)

69

MAT 8343

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

83-Bi-215



70

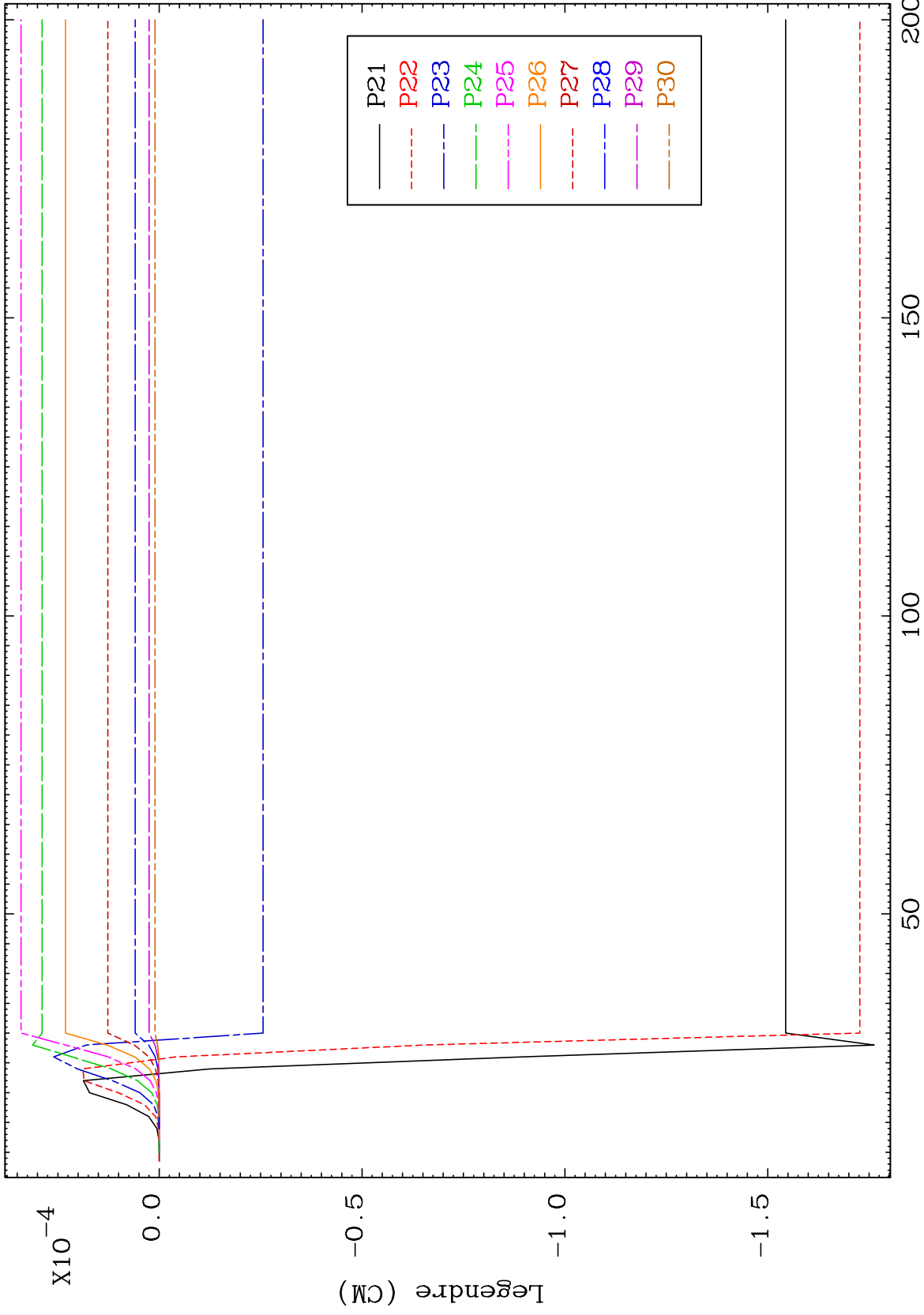
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

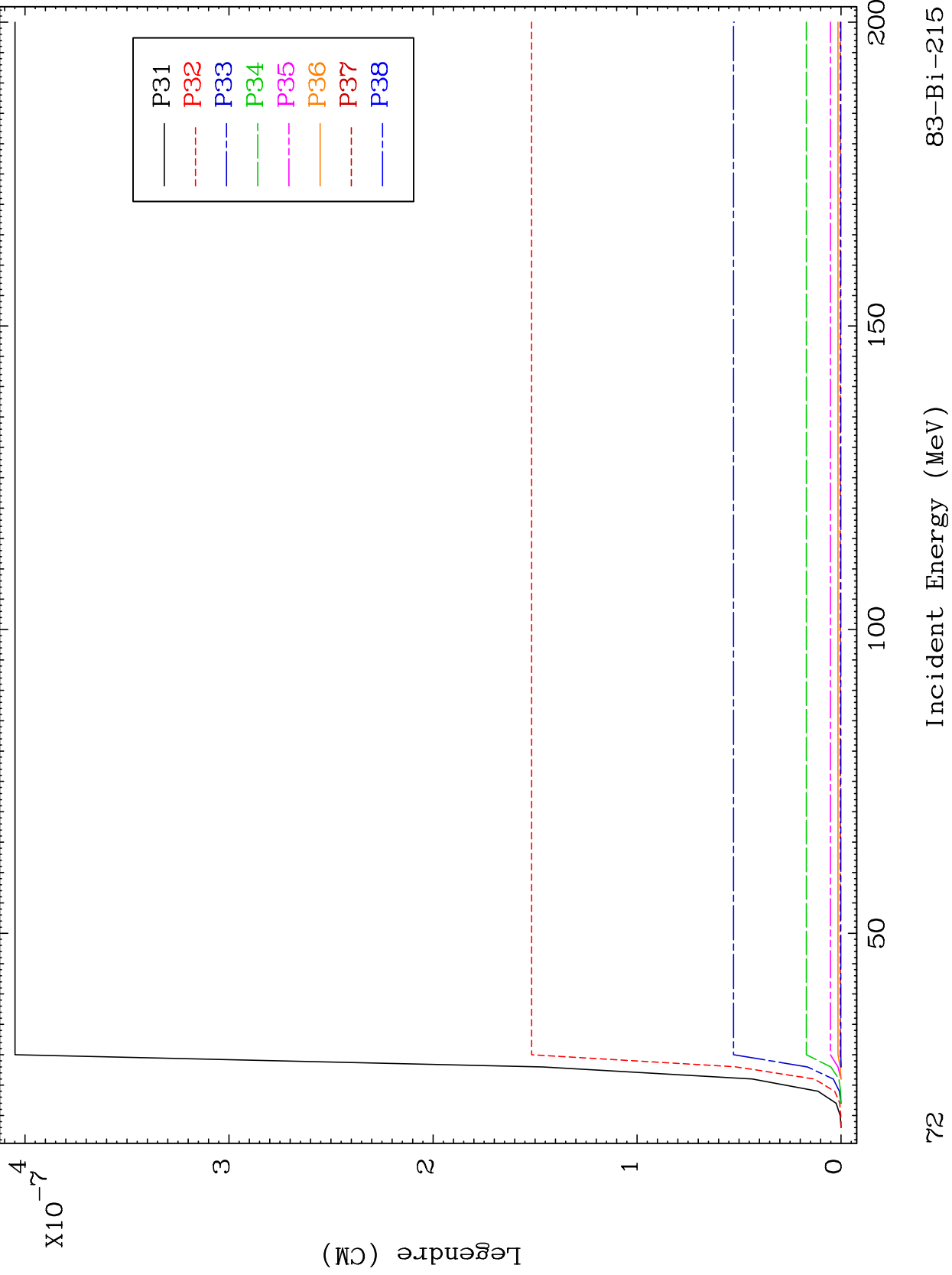
83-Bi-215



MAT 8343

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

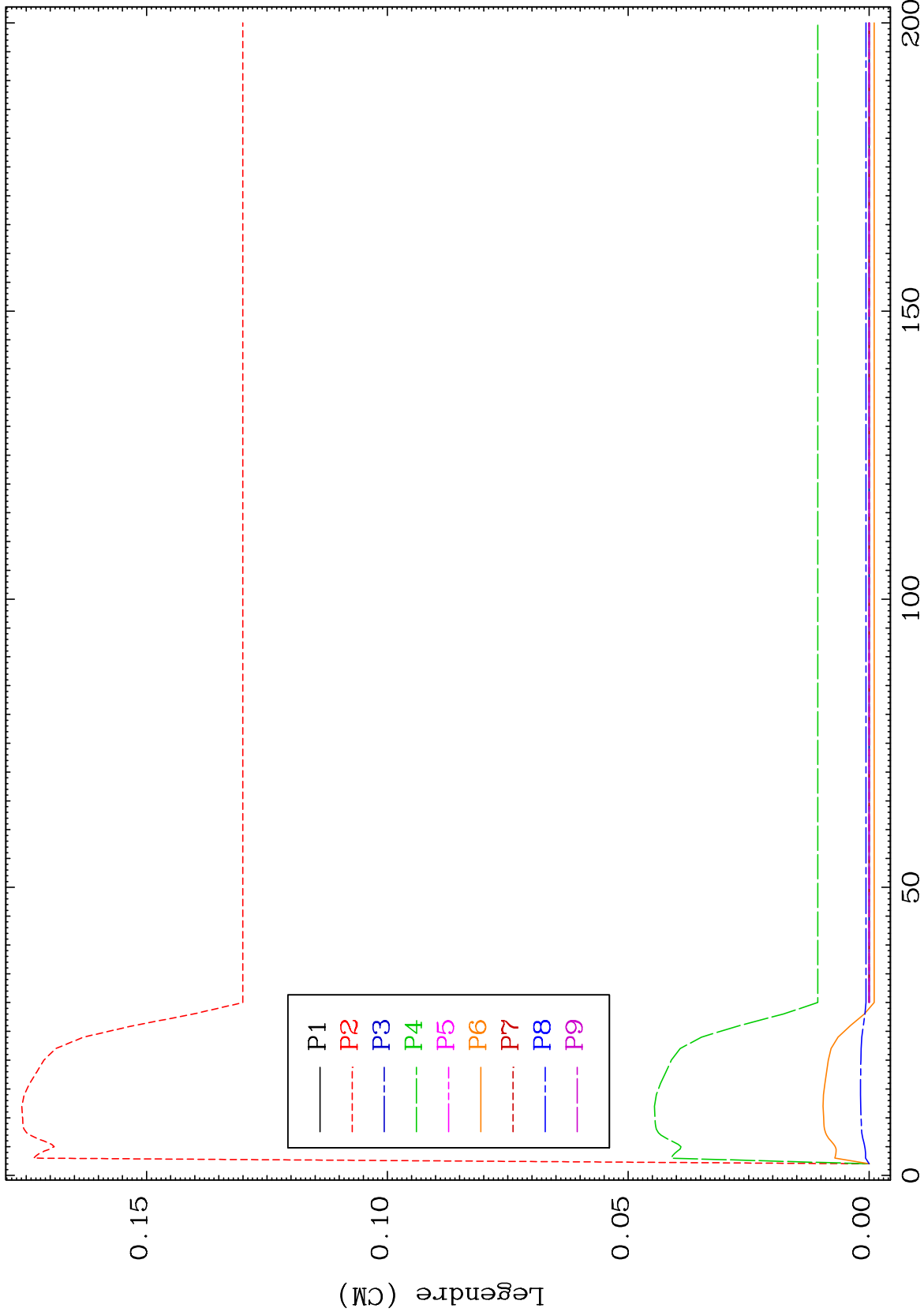
83-Bi-215



MAT 8343

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

83-Bi-215



73

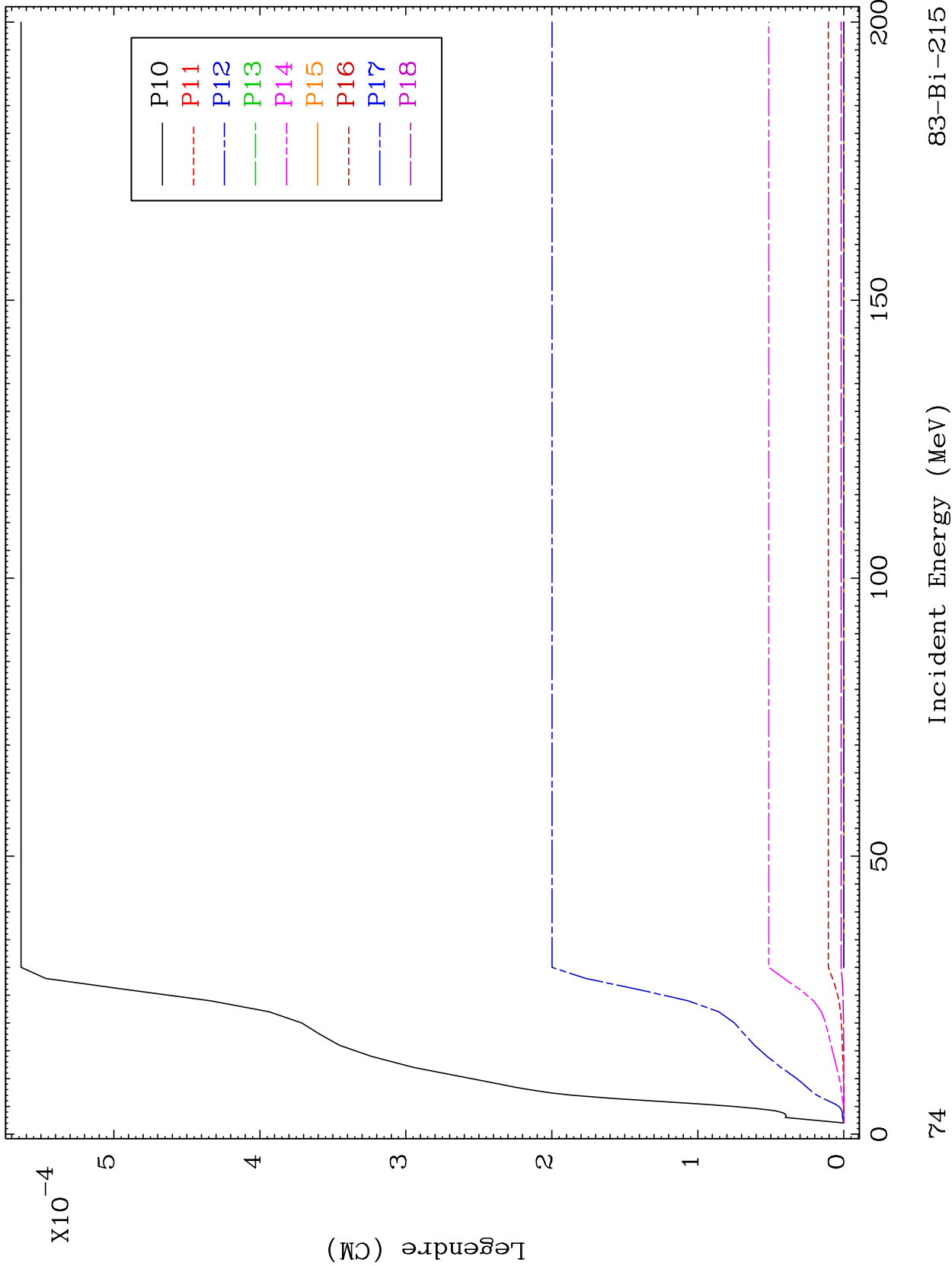
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

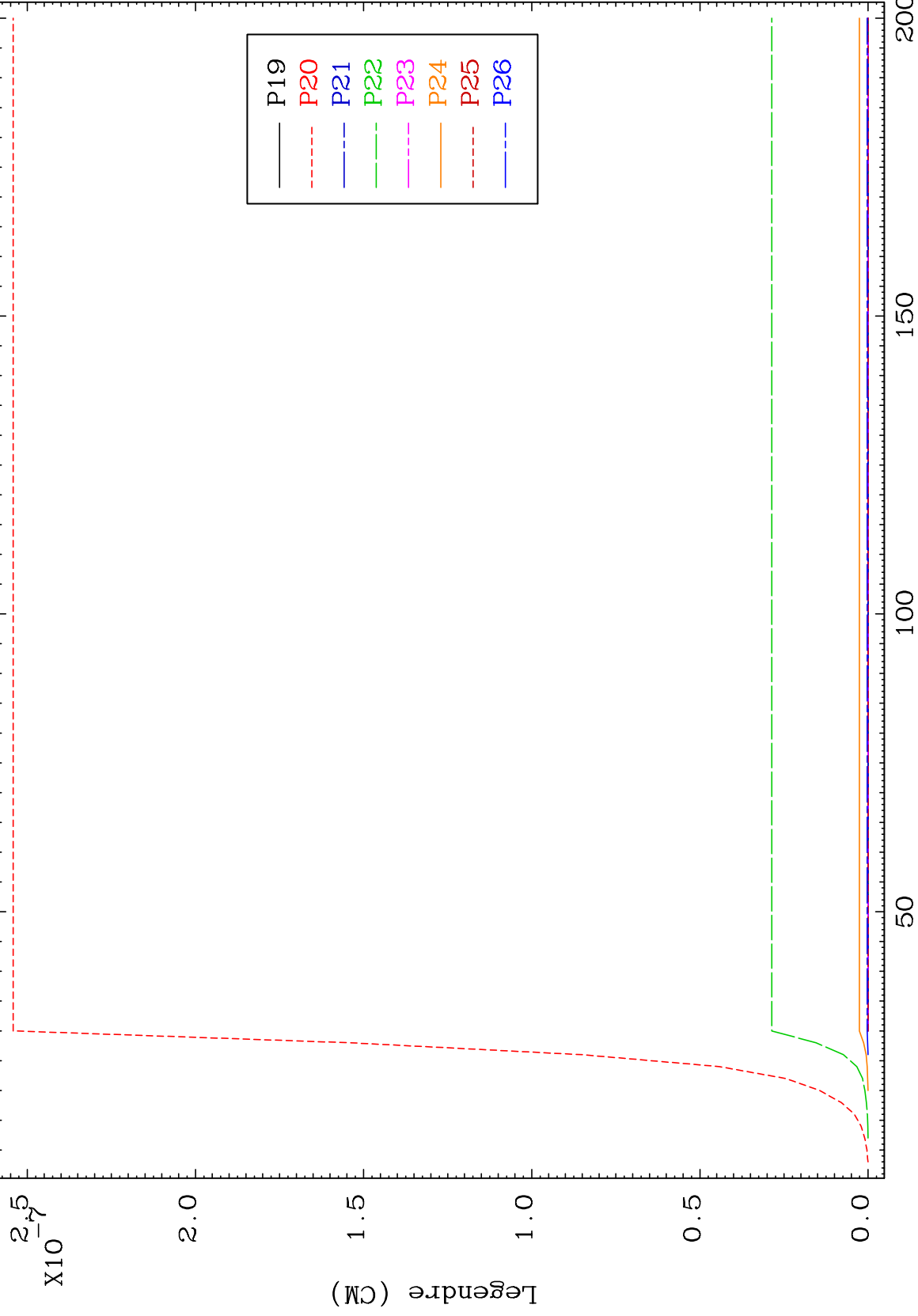
83-Bi-215



MAT 8343

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

83-Bi-215



75

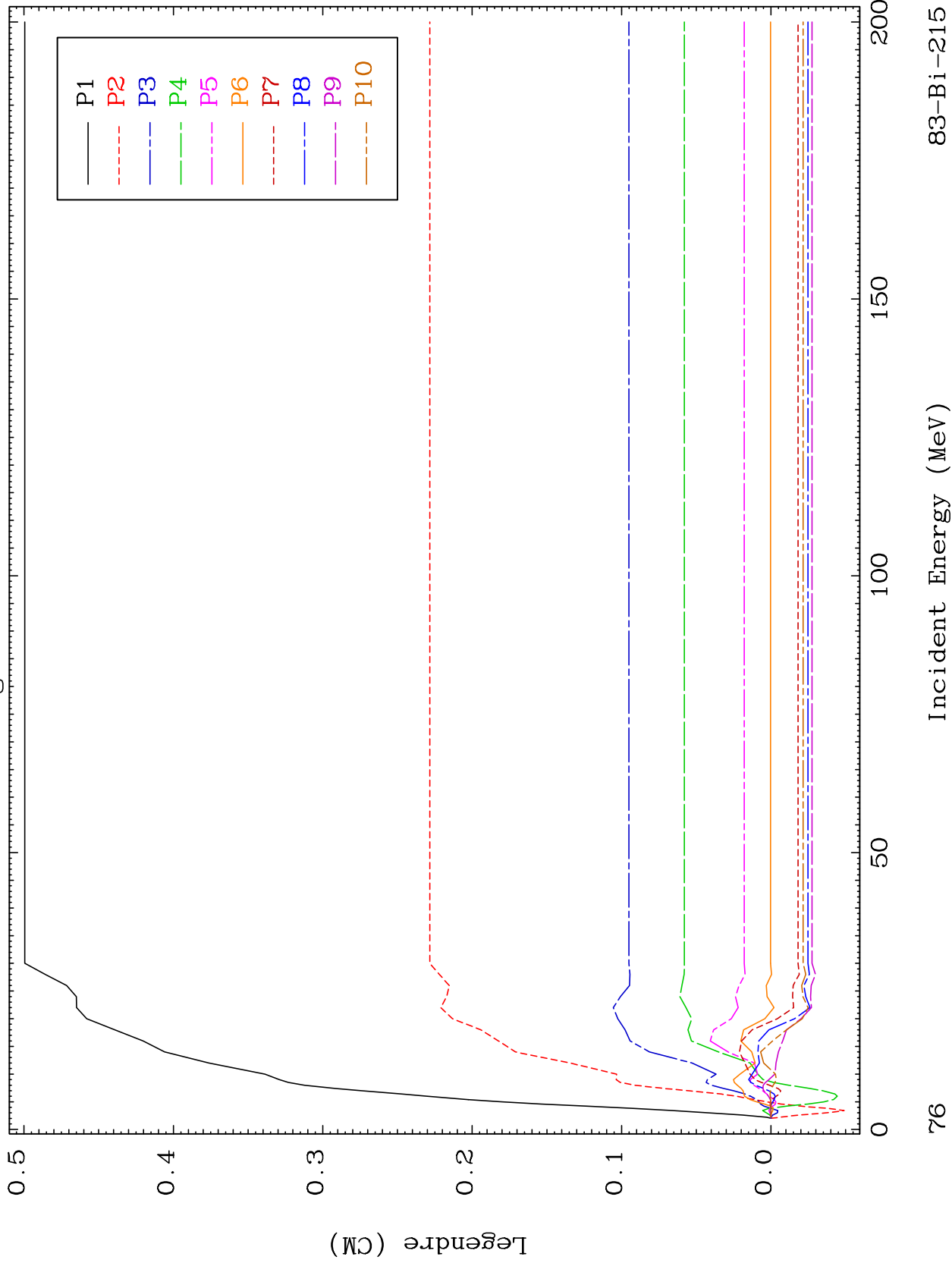
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



83-Bi-215

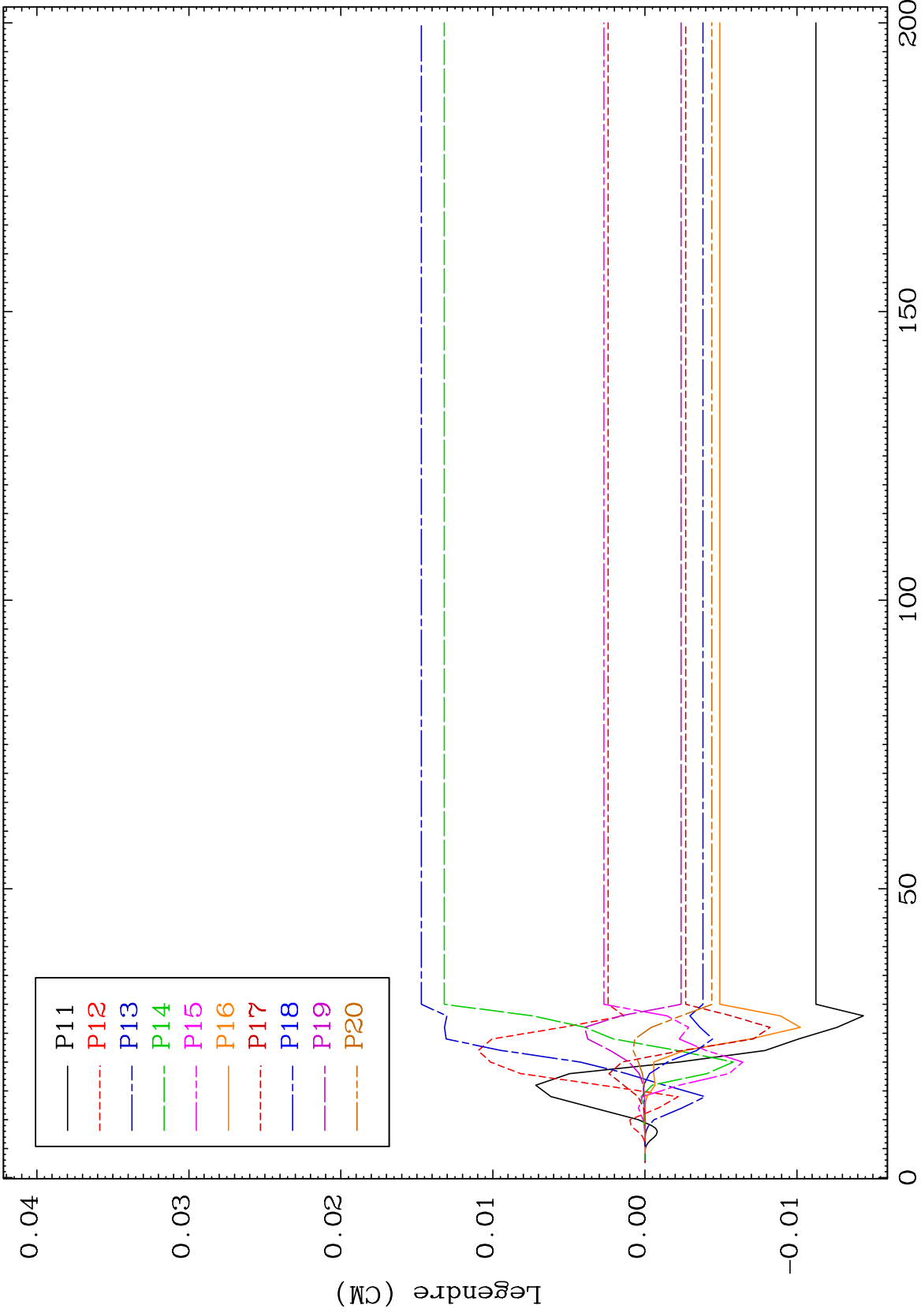
Incident Energy (MeV)

76

MAT 8343

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

83-Bi-215



77

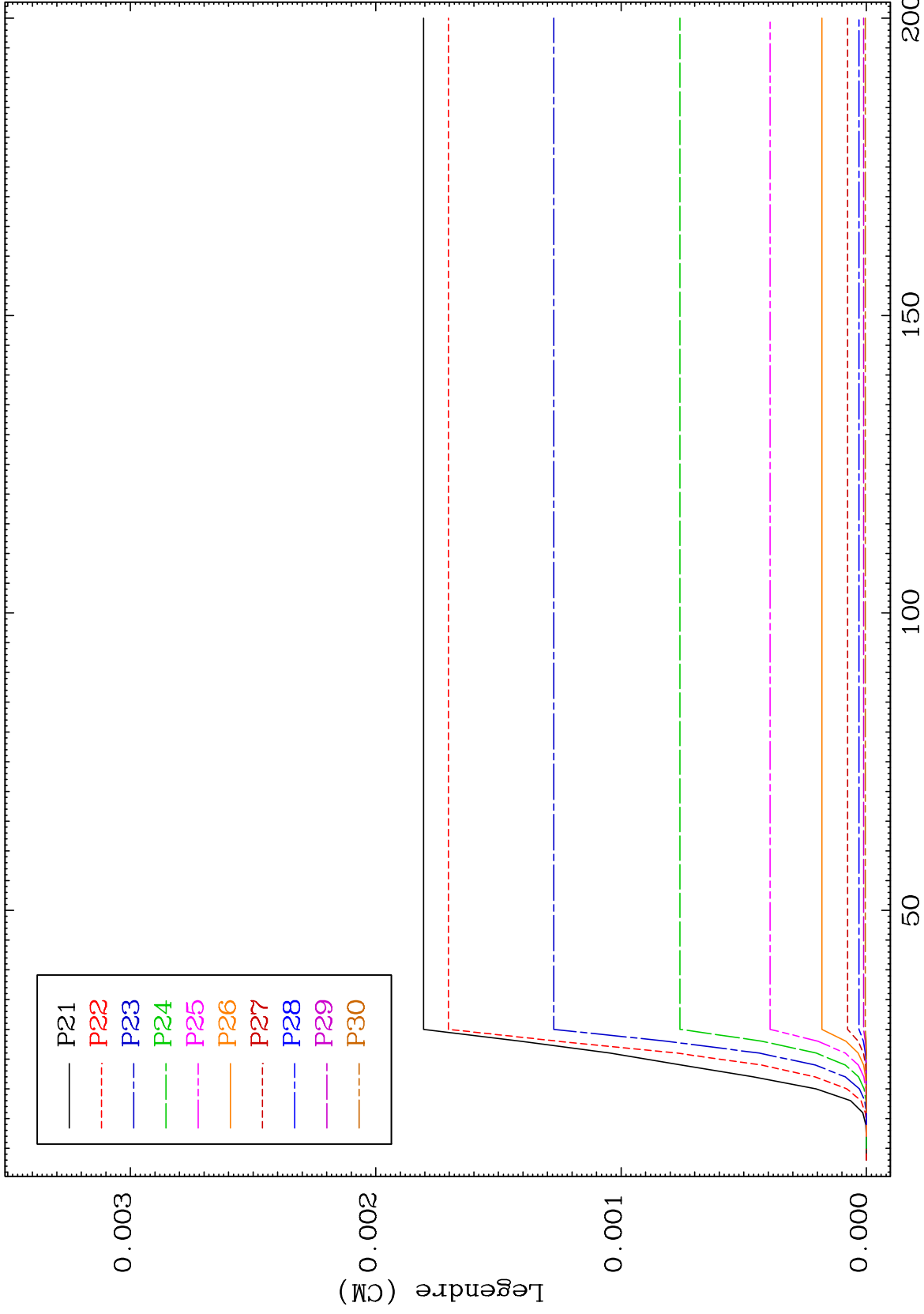
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



78

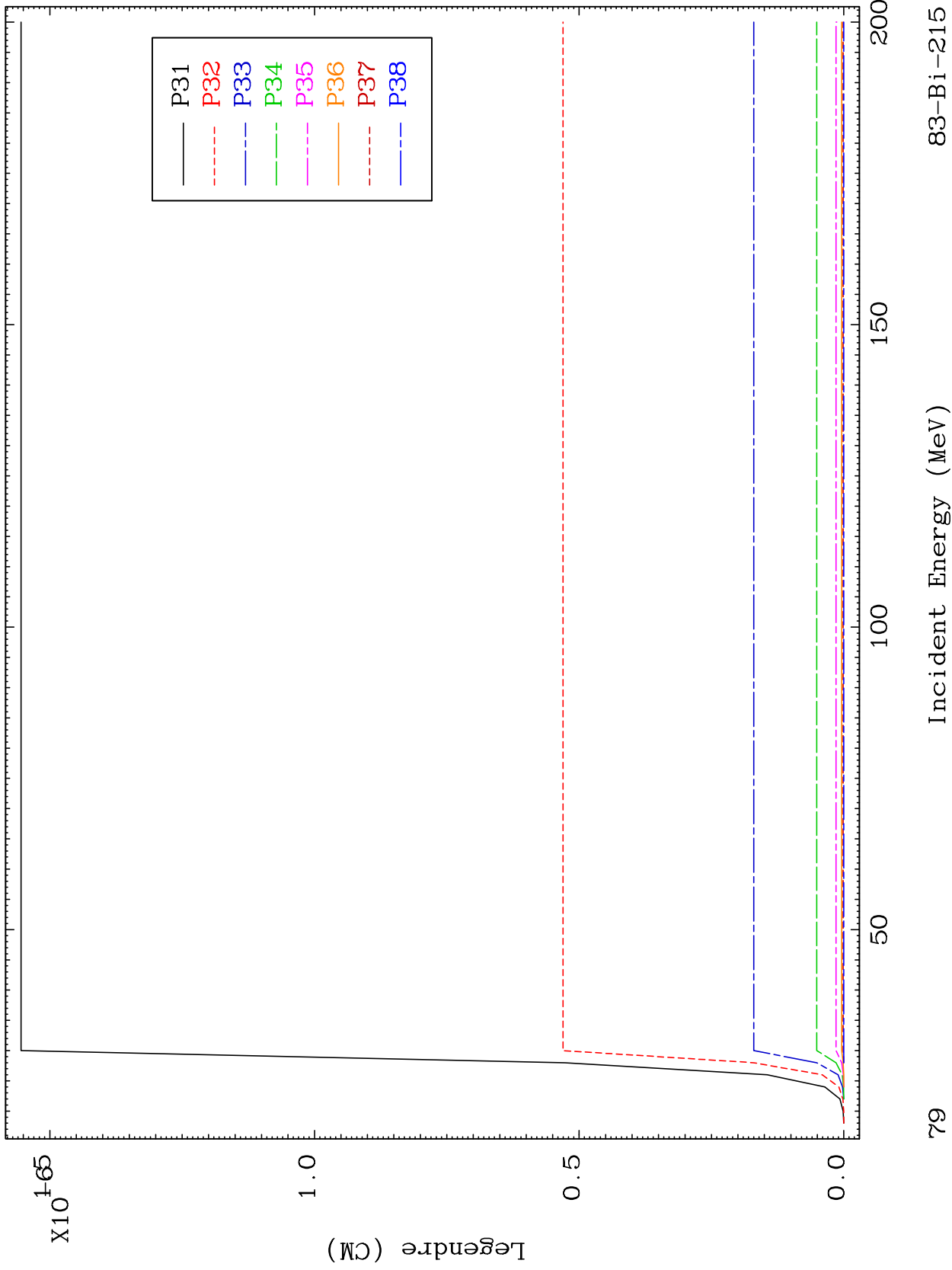
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

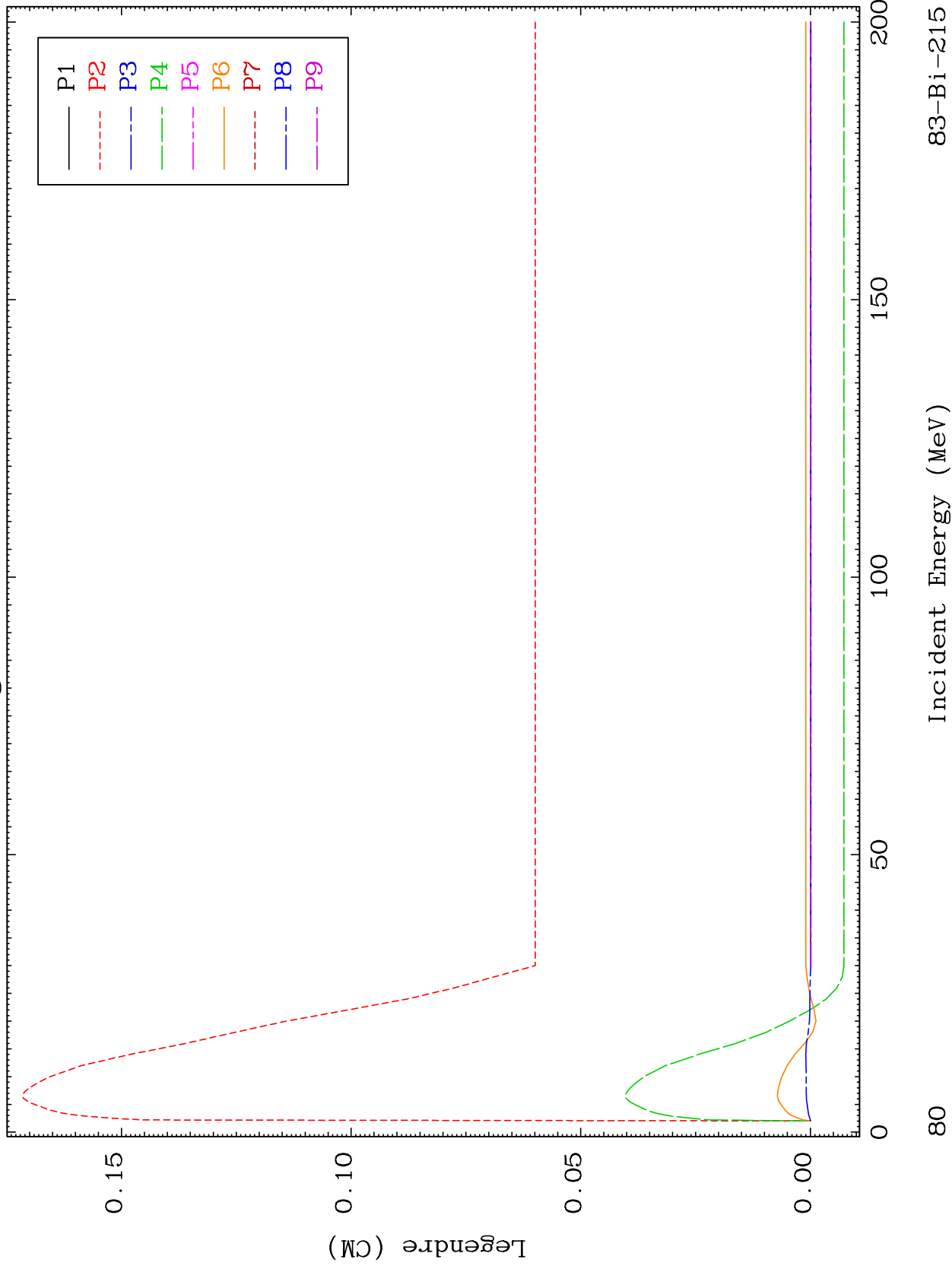
83-Bi-215



MAT 8343

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

83-Bi-215



83-Bi-215

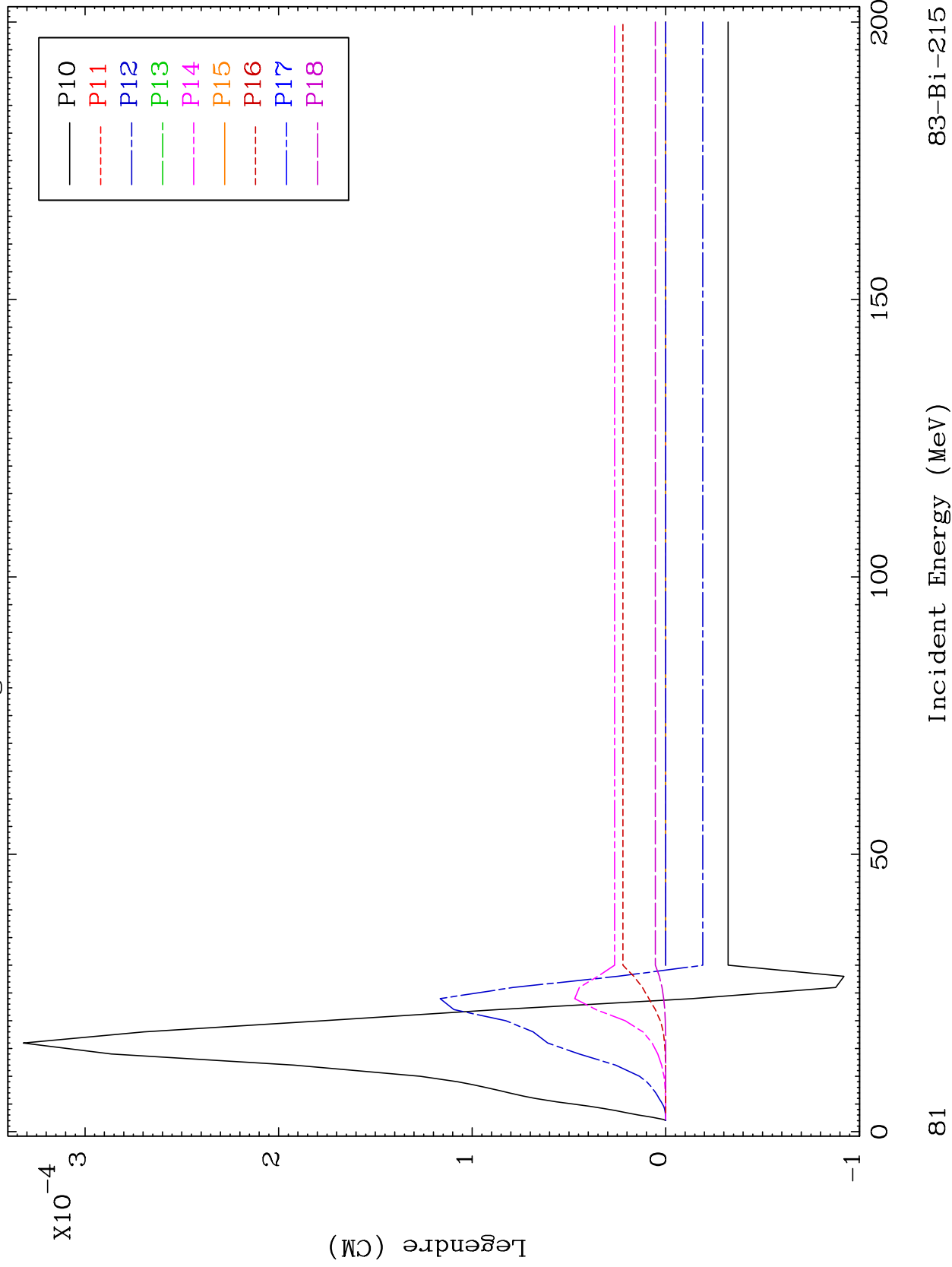
Incident Energy (MeV)

80

MAT 8343

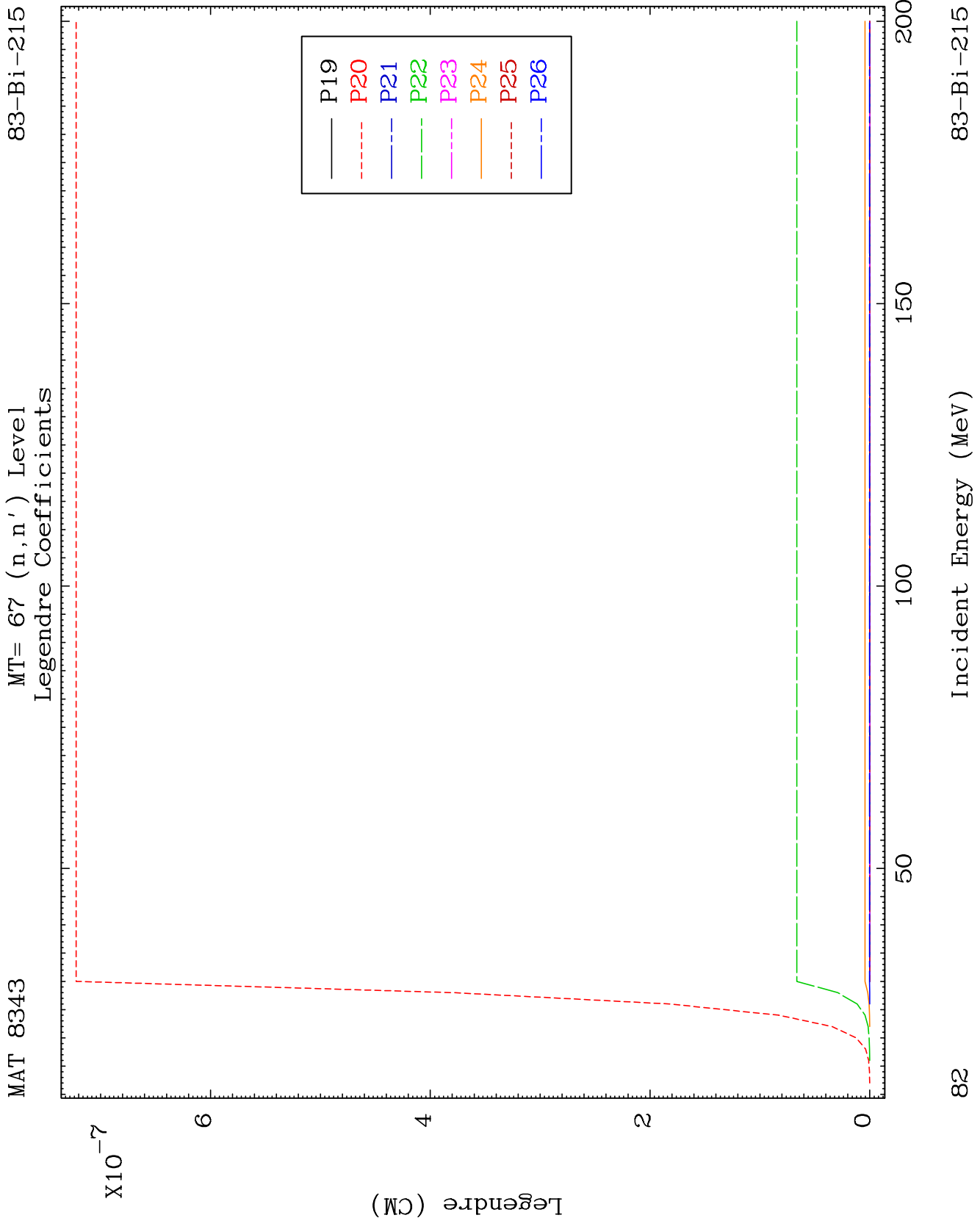
MT= 67 (n,n') Level
Legendre Coefficients

83-Bi-215



81

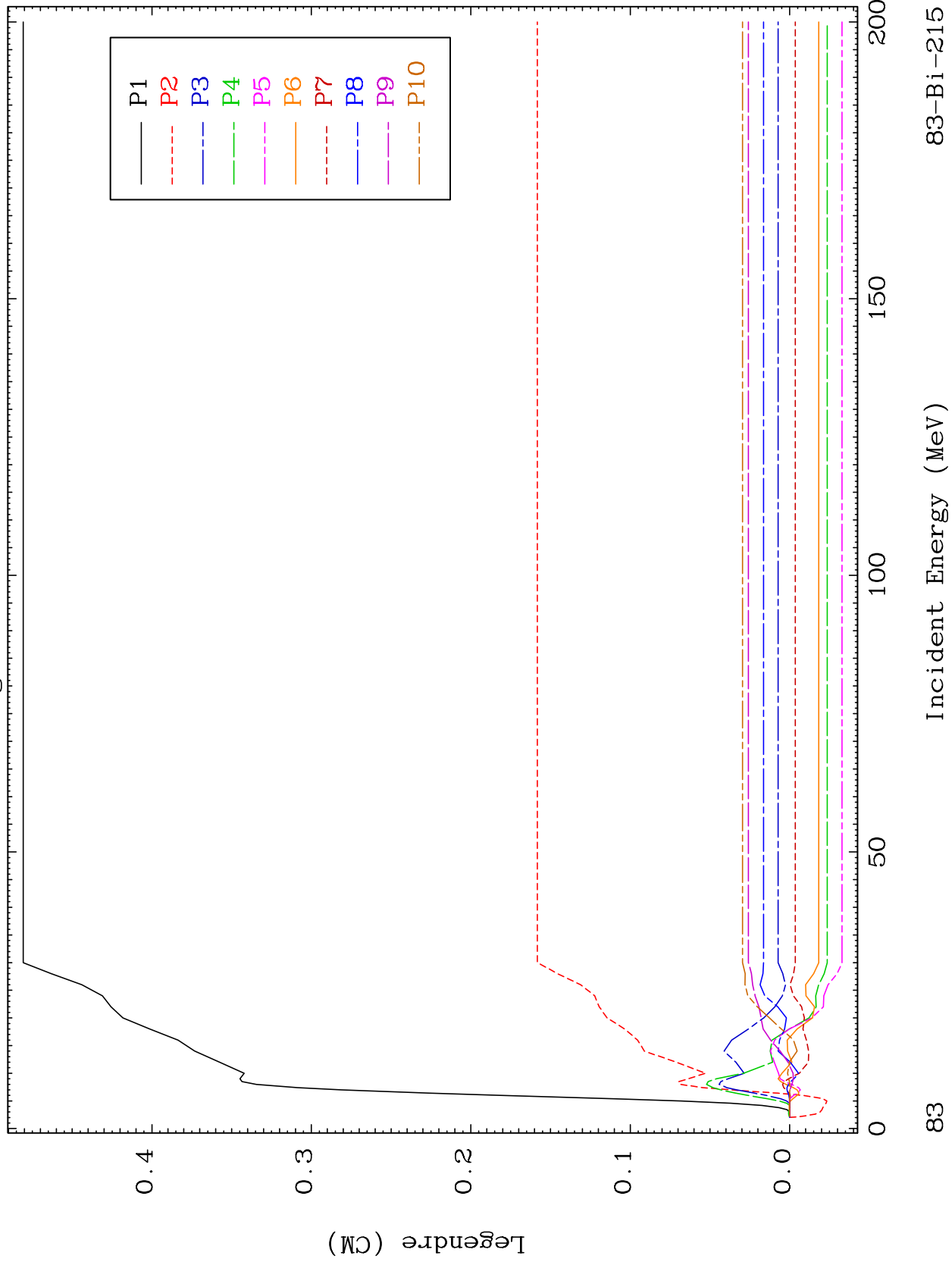
83-Bi-215



MAT 8343

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

83-Bi-215



83-Bi-215

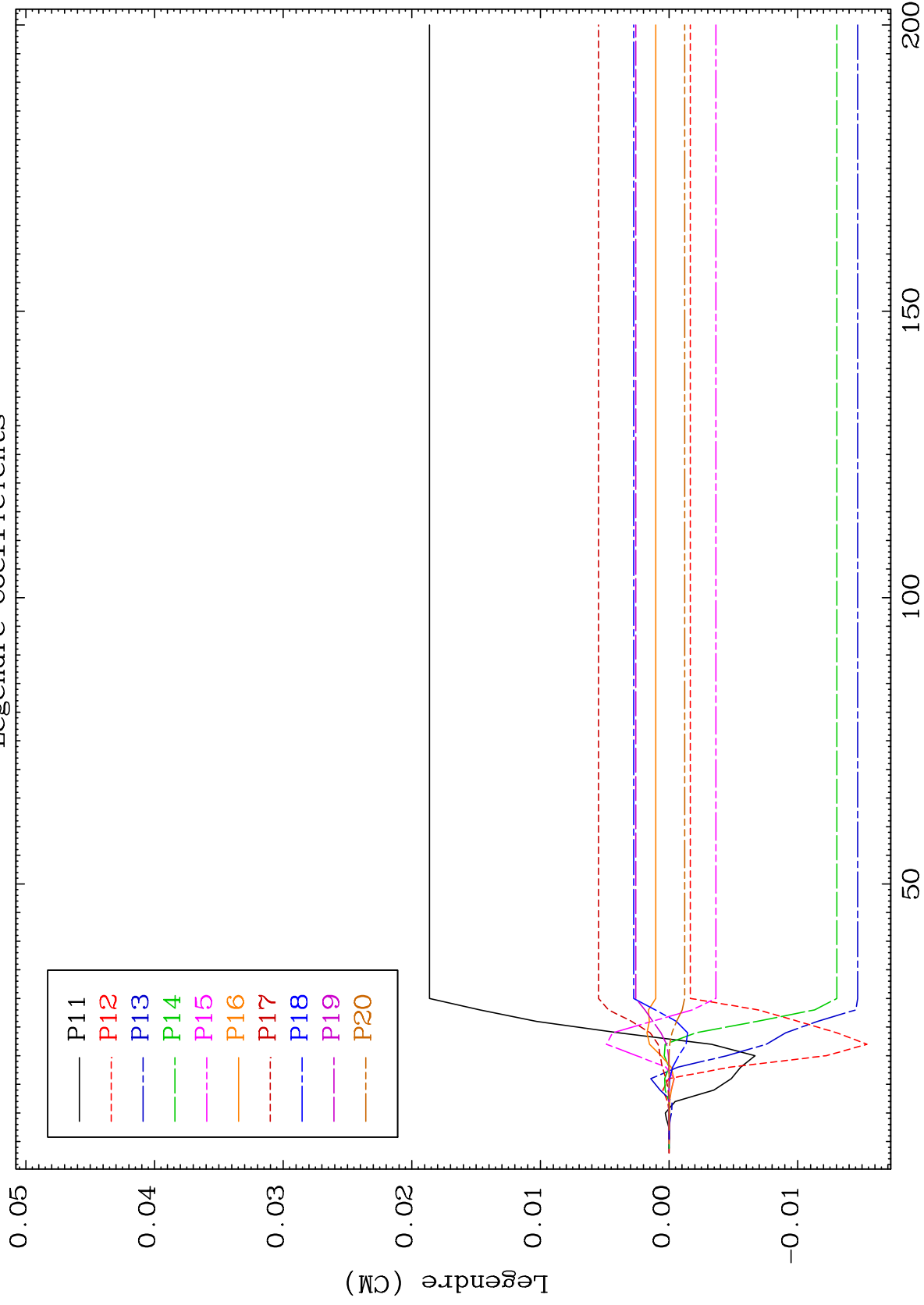
Incident Energy (MeV)

83

MAT 8343

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

83-Bi-215



84

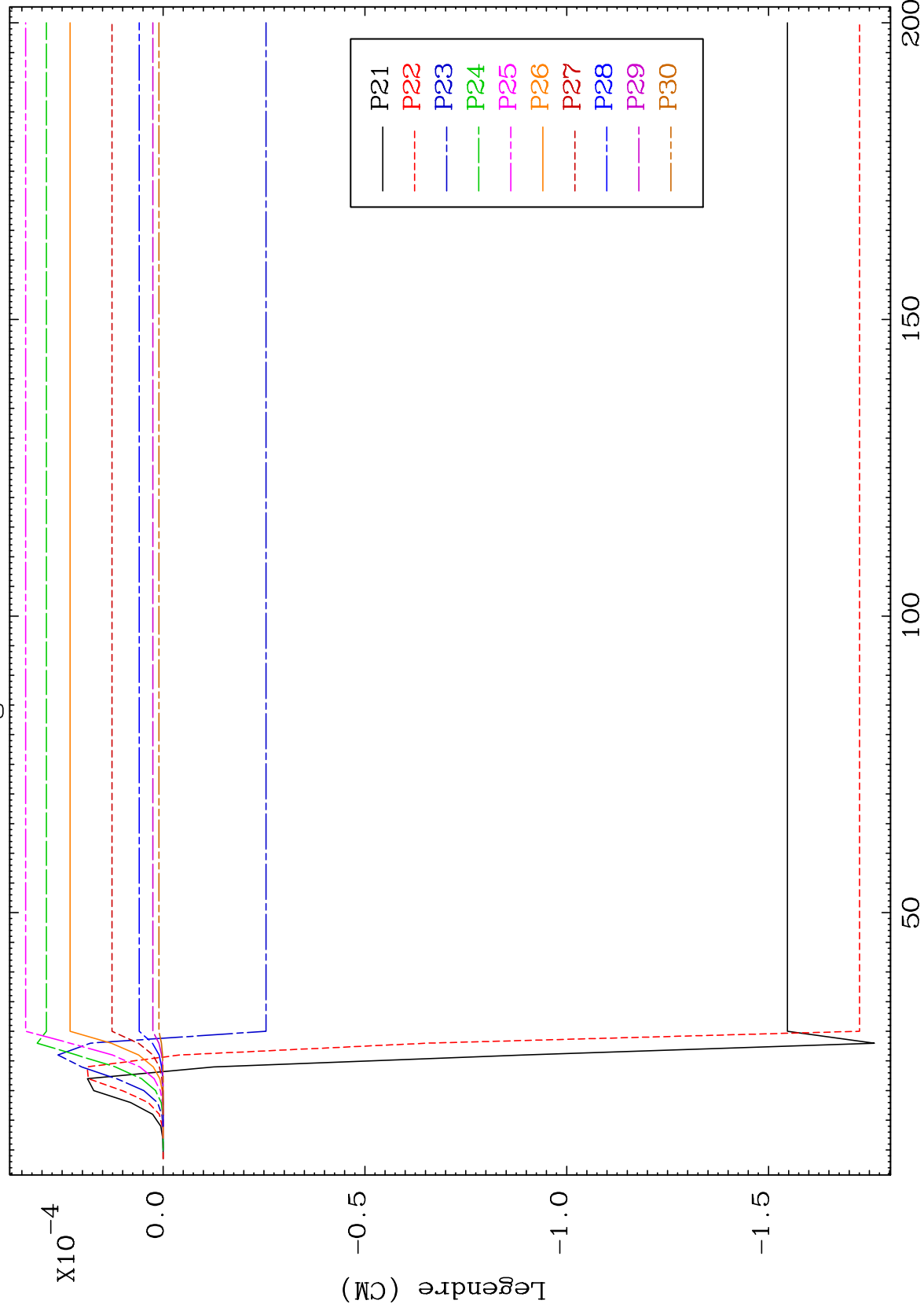
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



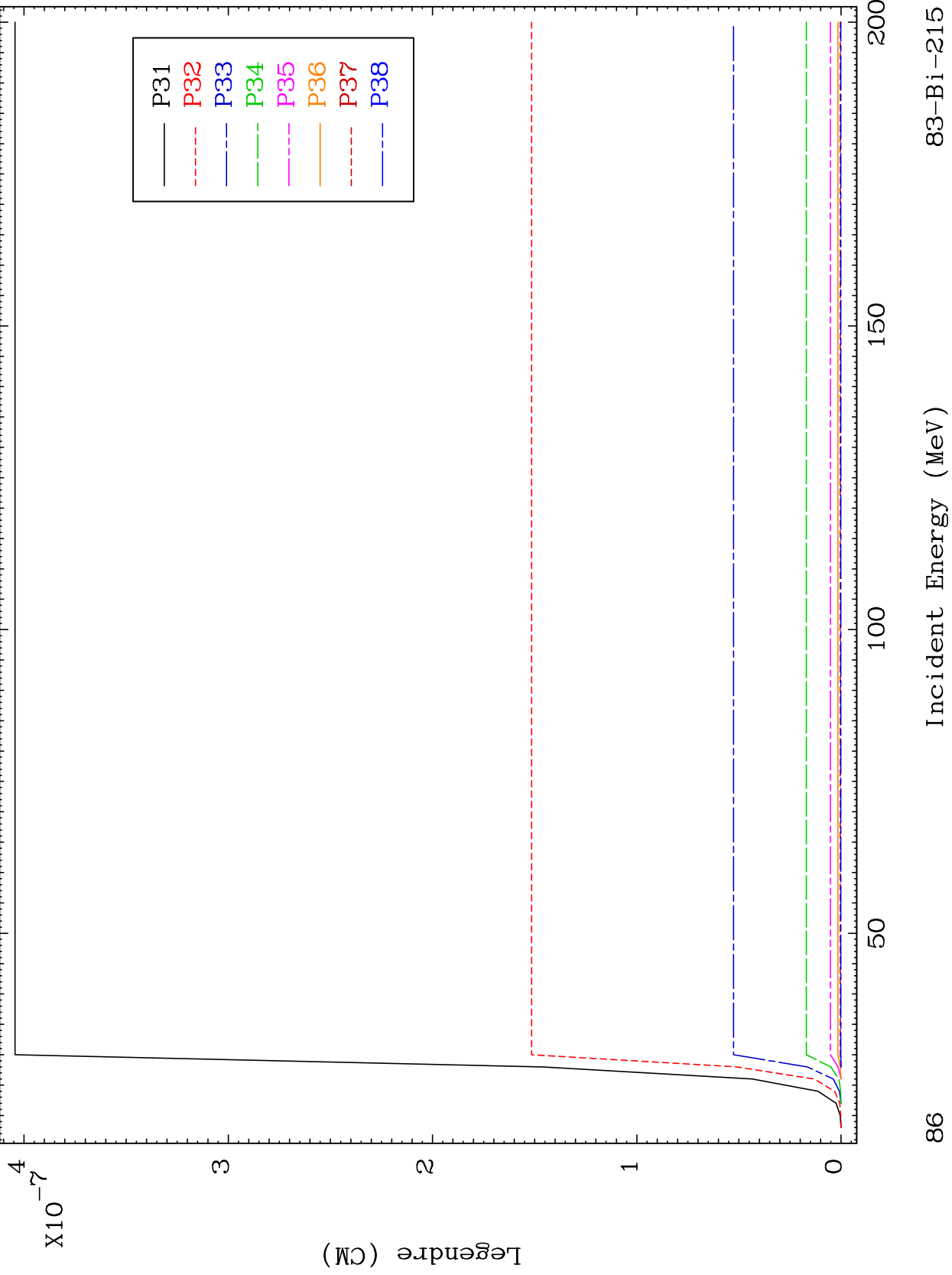
85

83-Bi-215

MAT 8343

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

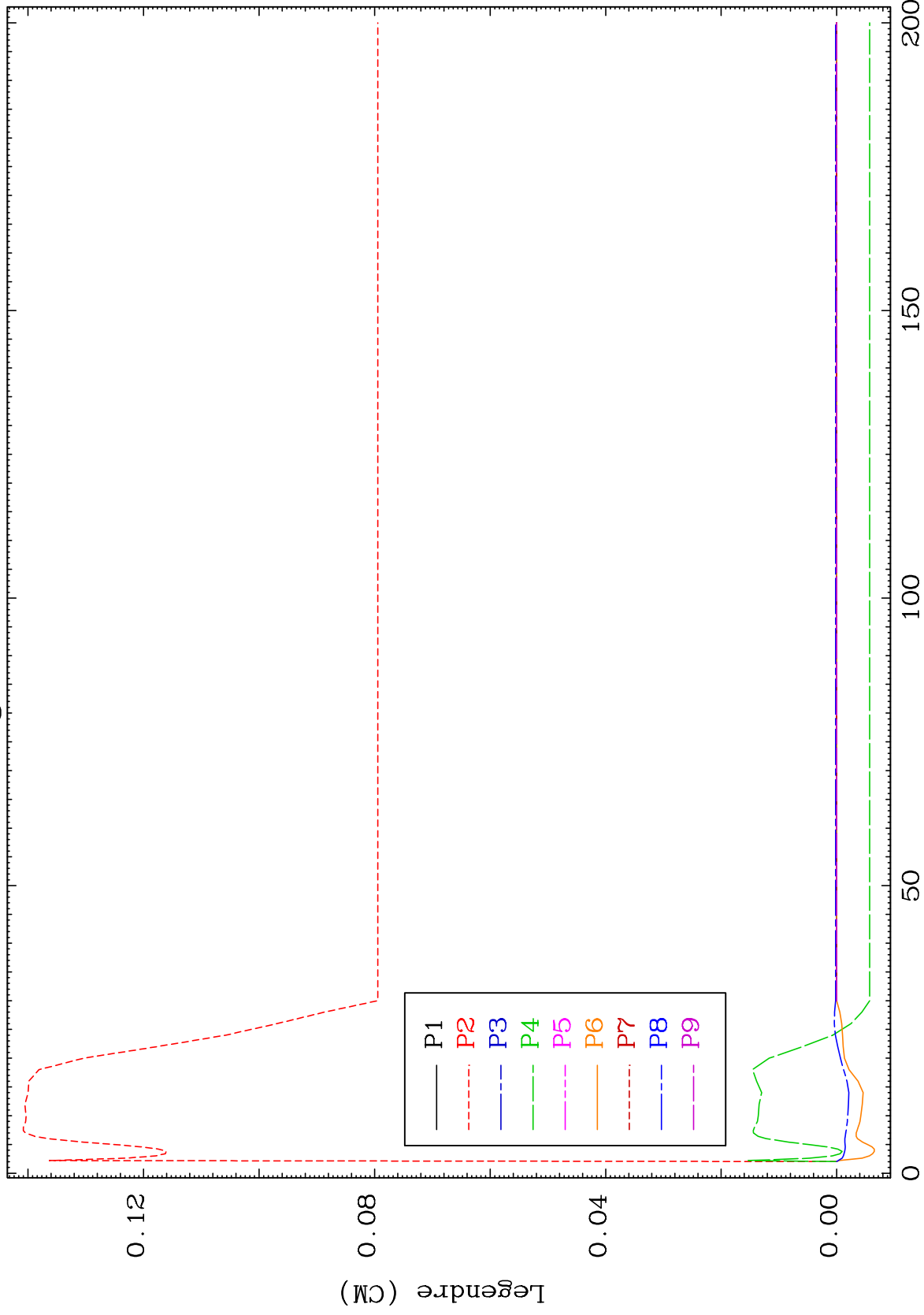
83-Bi-215



MAT 8343

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

83-Bi-215



87

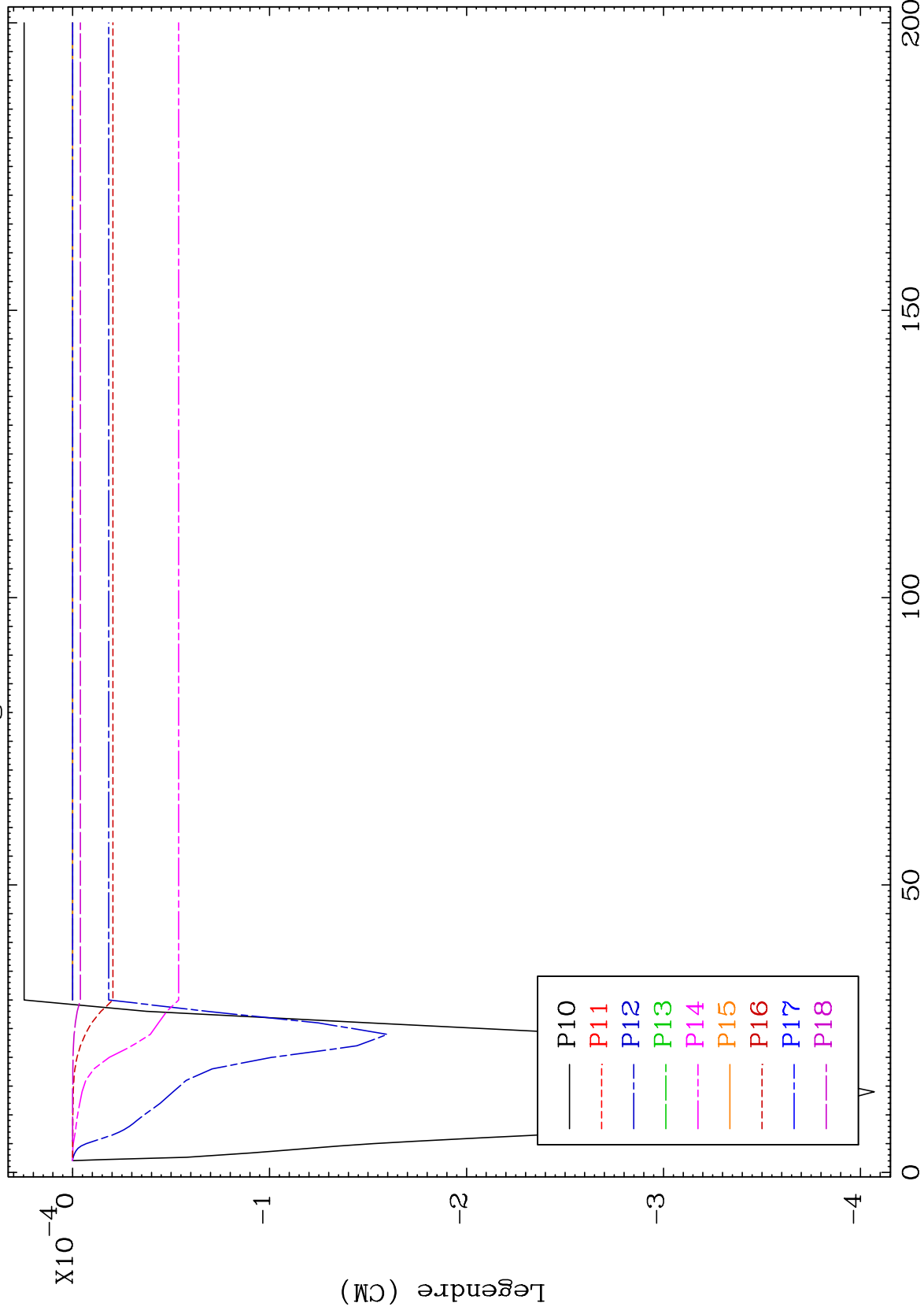
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



88

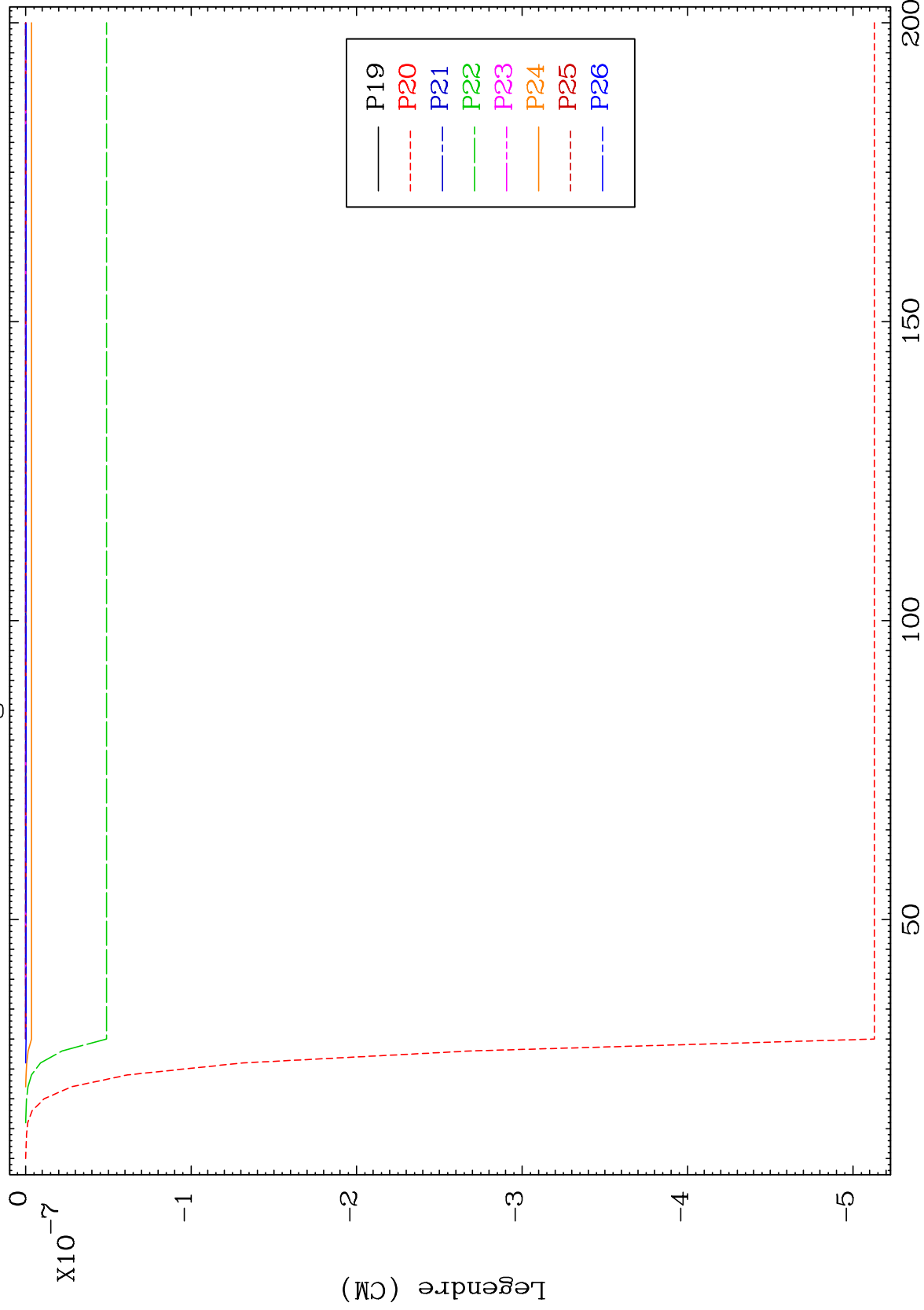
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



89

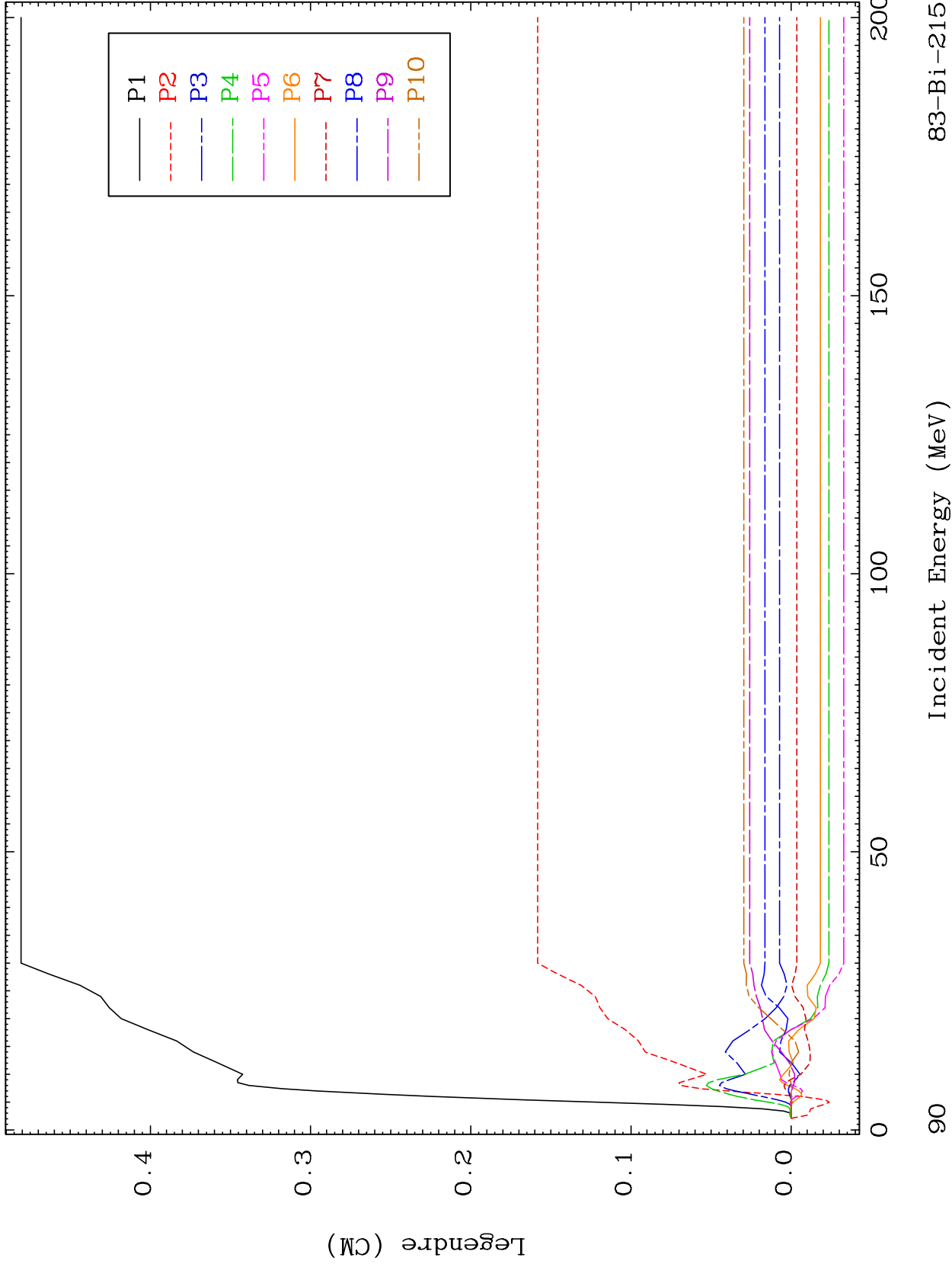
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



83-Bi-215

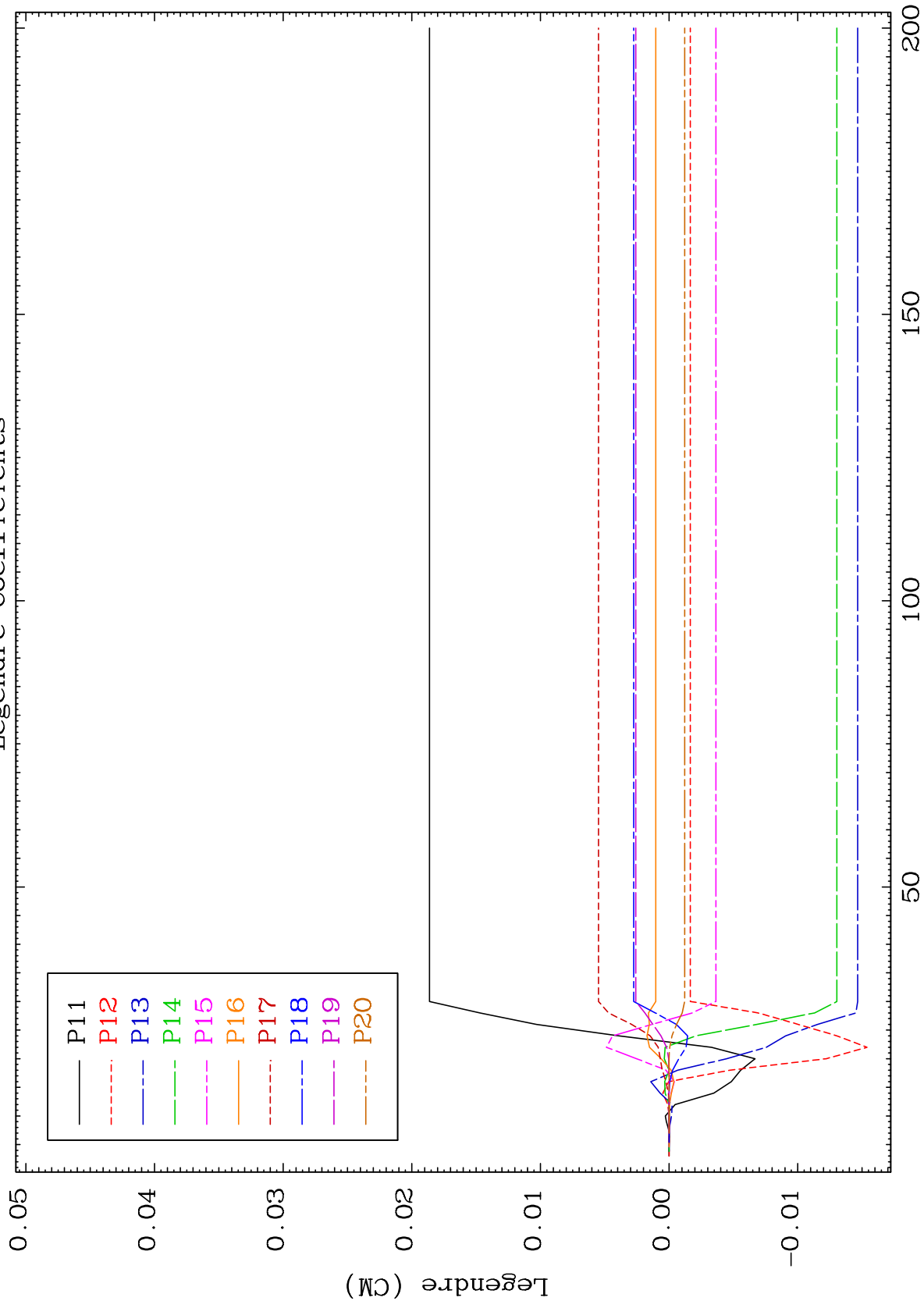
Incident Energy (MeV)

90

MAT 8343

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

83-Bi-215



91

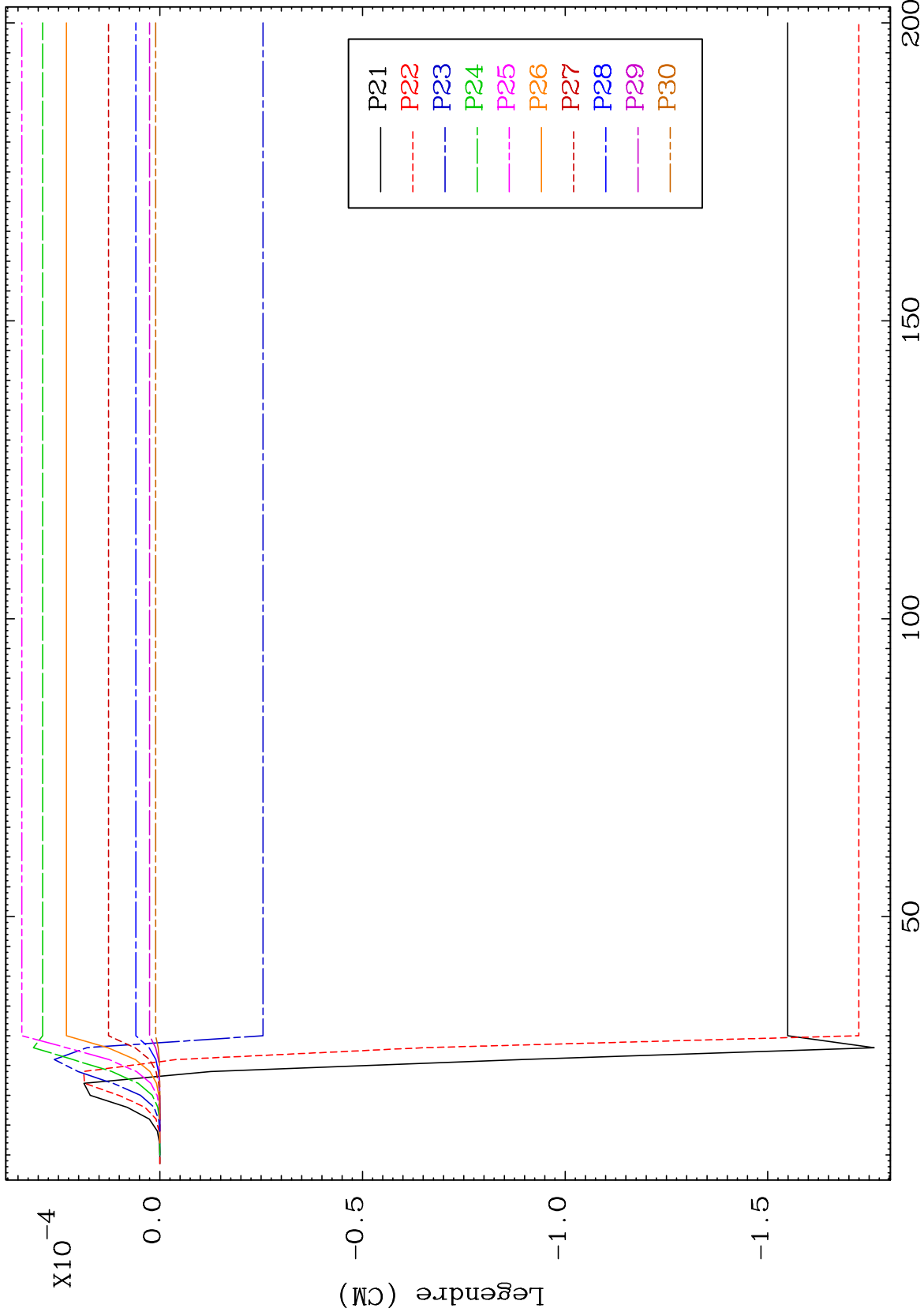
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



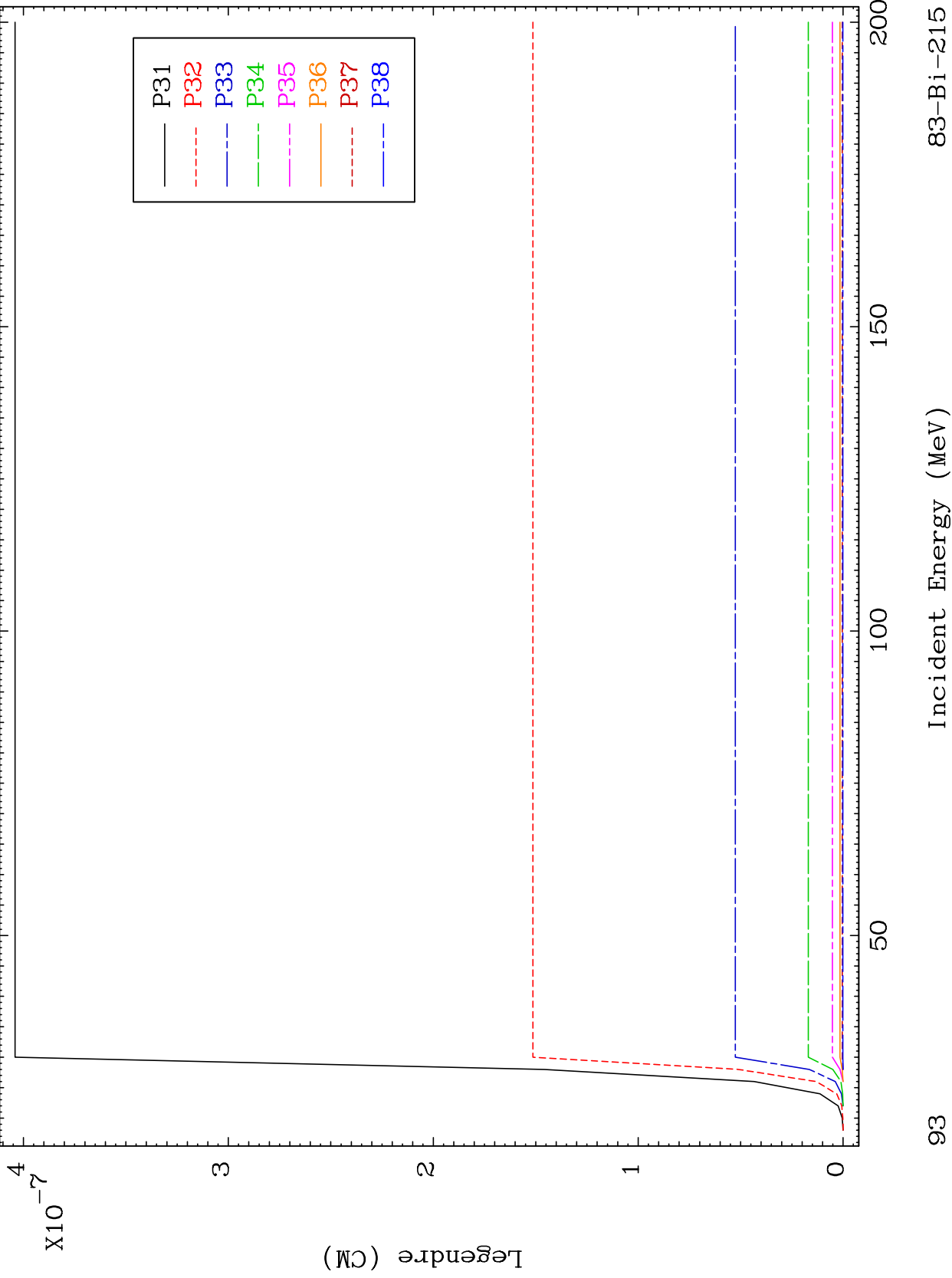
92

83-Bi-215

MAT 8343

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

83-Bi-215

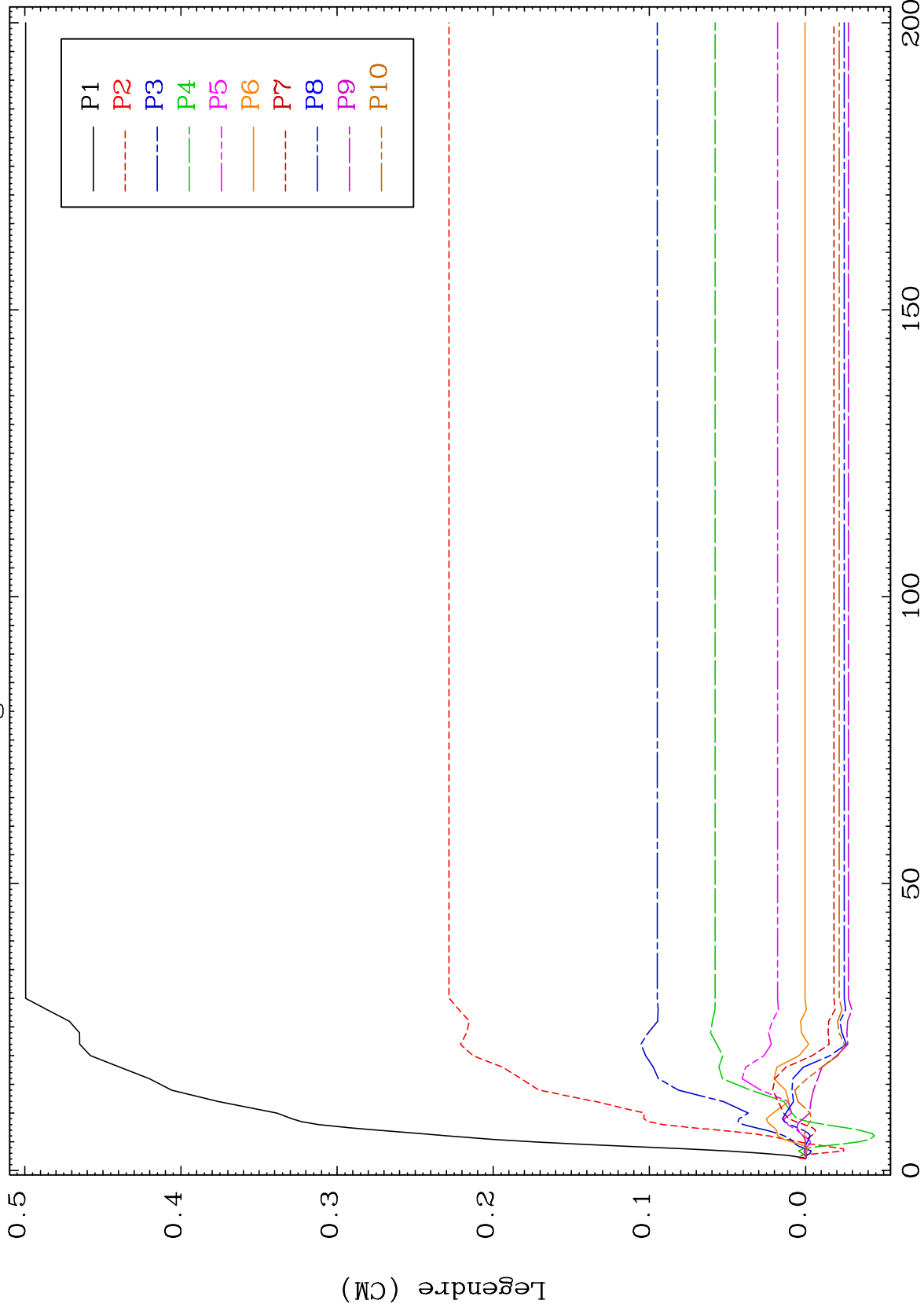


MAT 8343

MT= 71 (n,n') Level

83-Bi-215

Legendre Coefficients



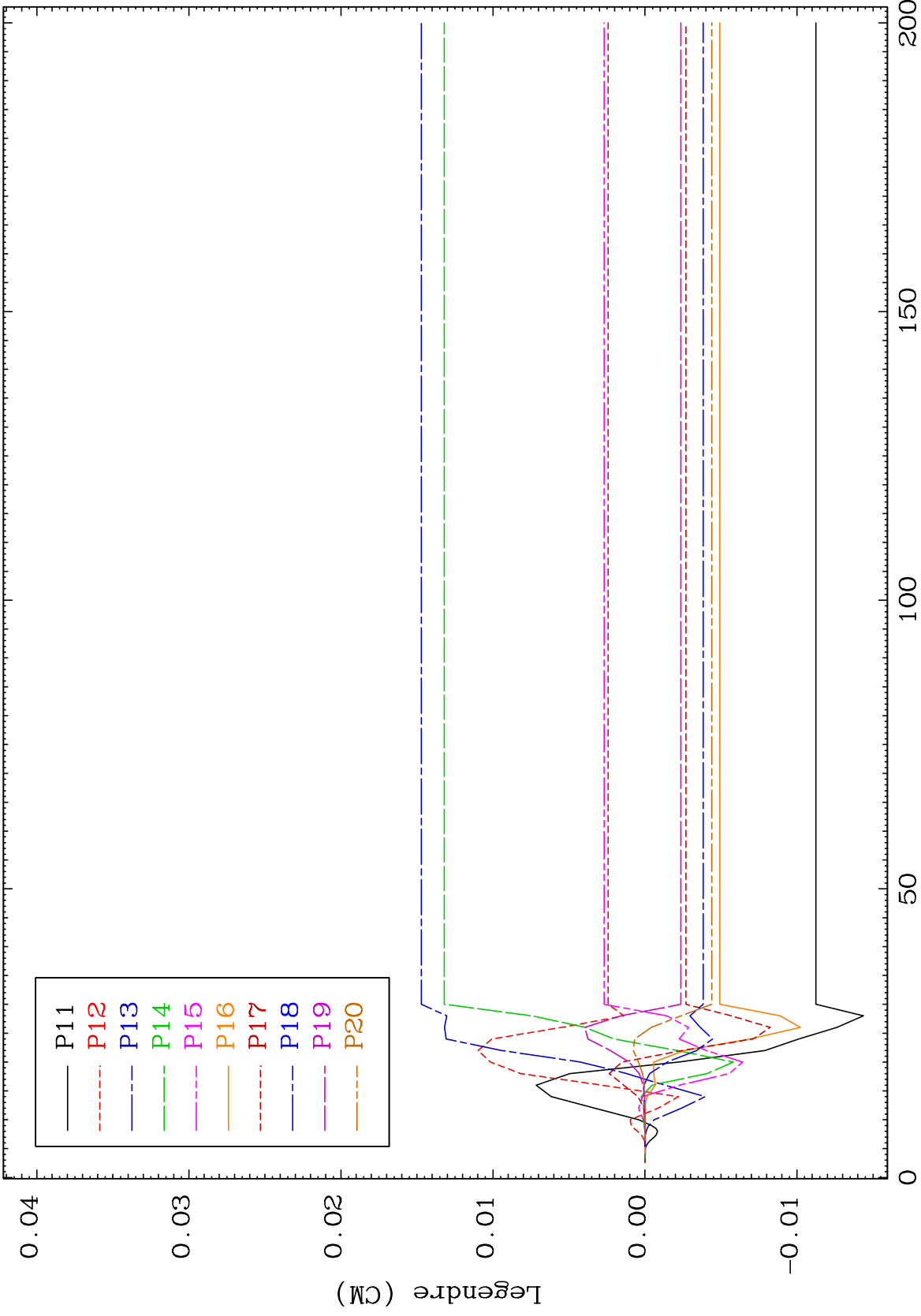
94

83-Bi-215

MAT 8343

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

83-Bi-215



95

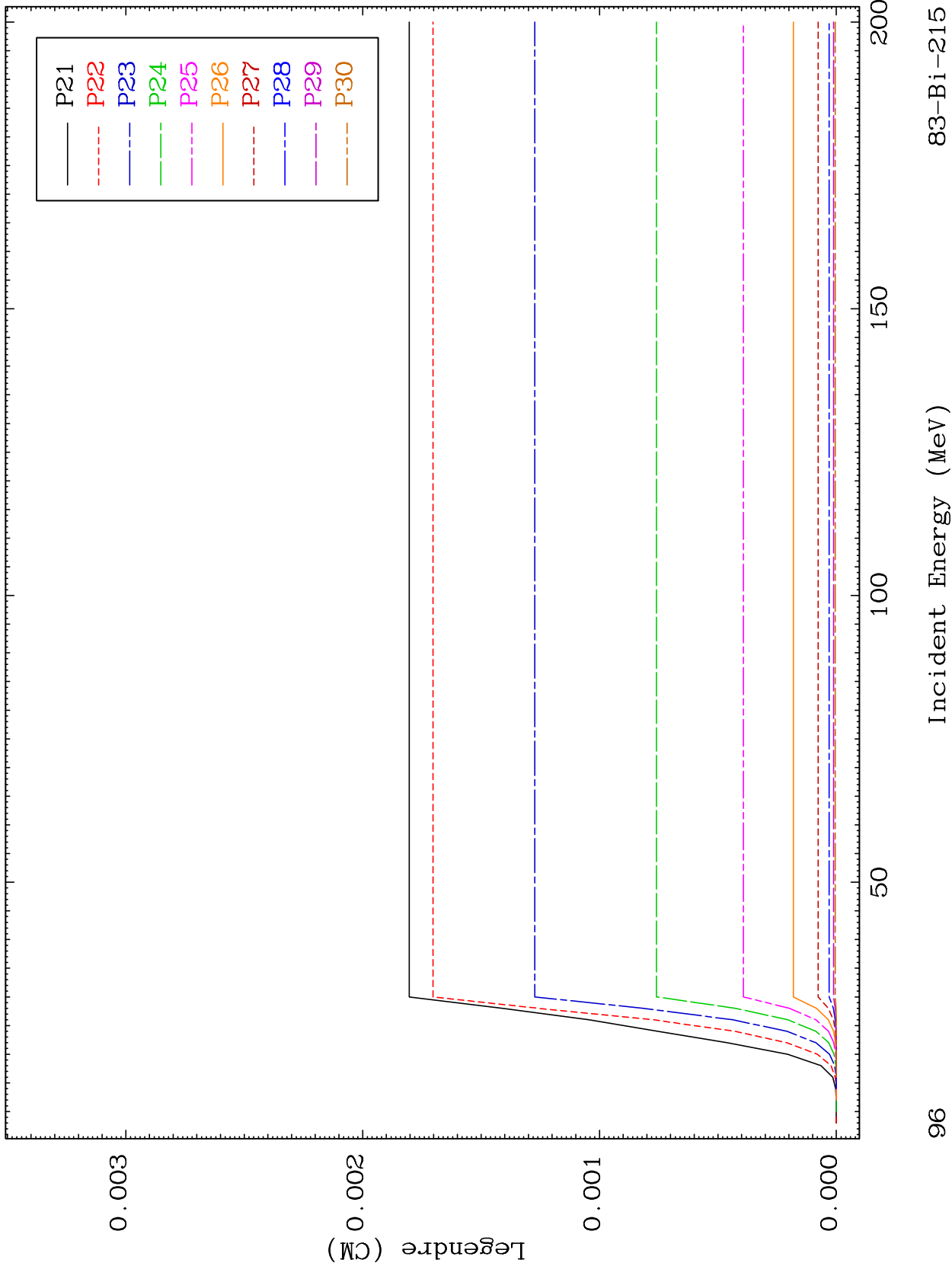
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



96

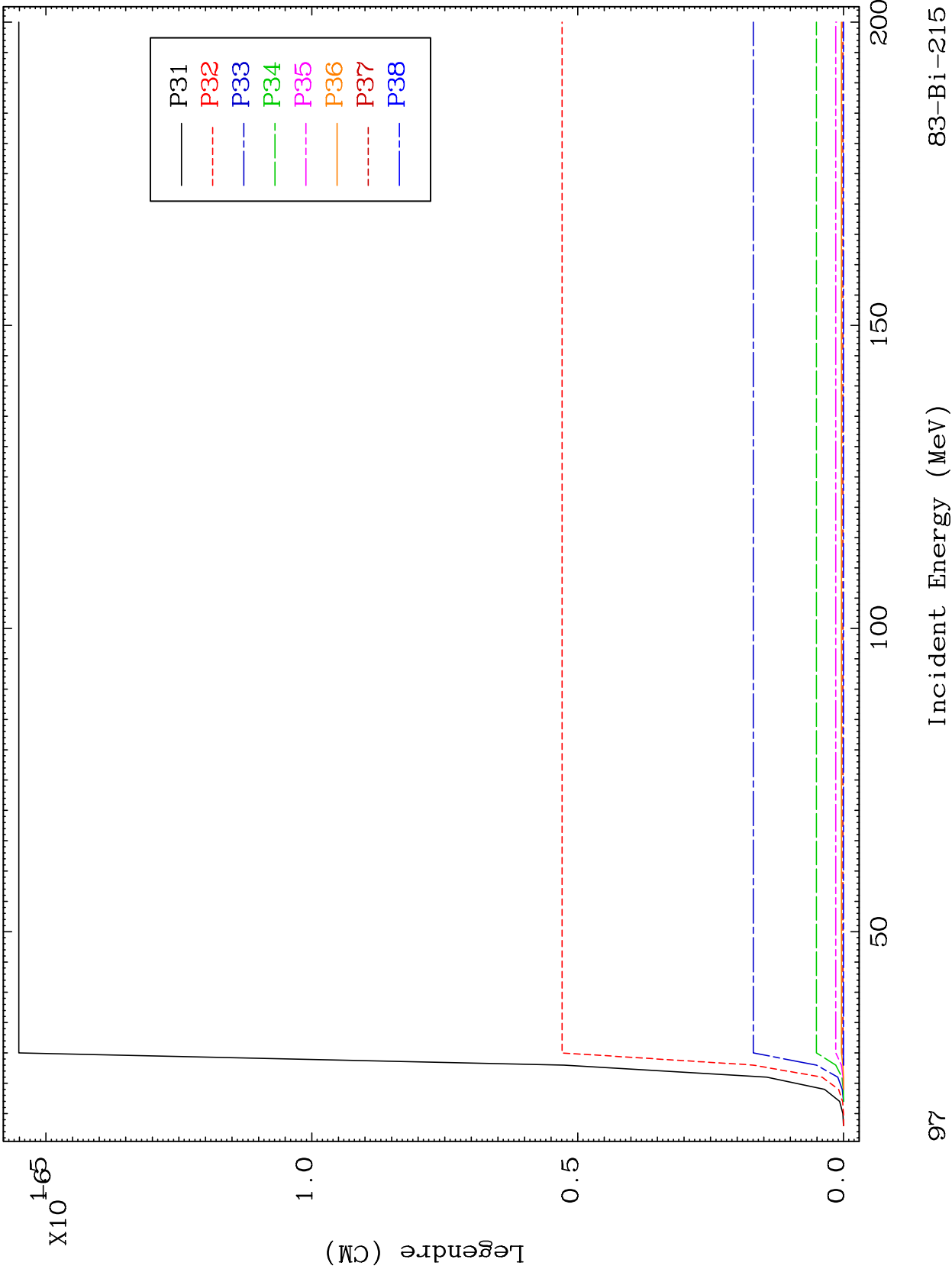
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



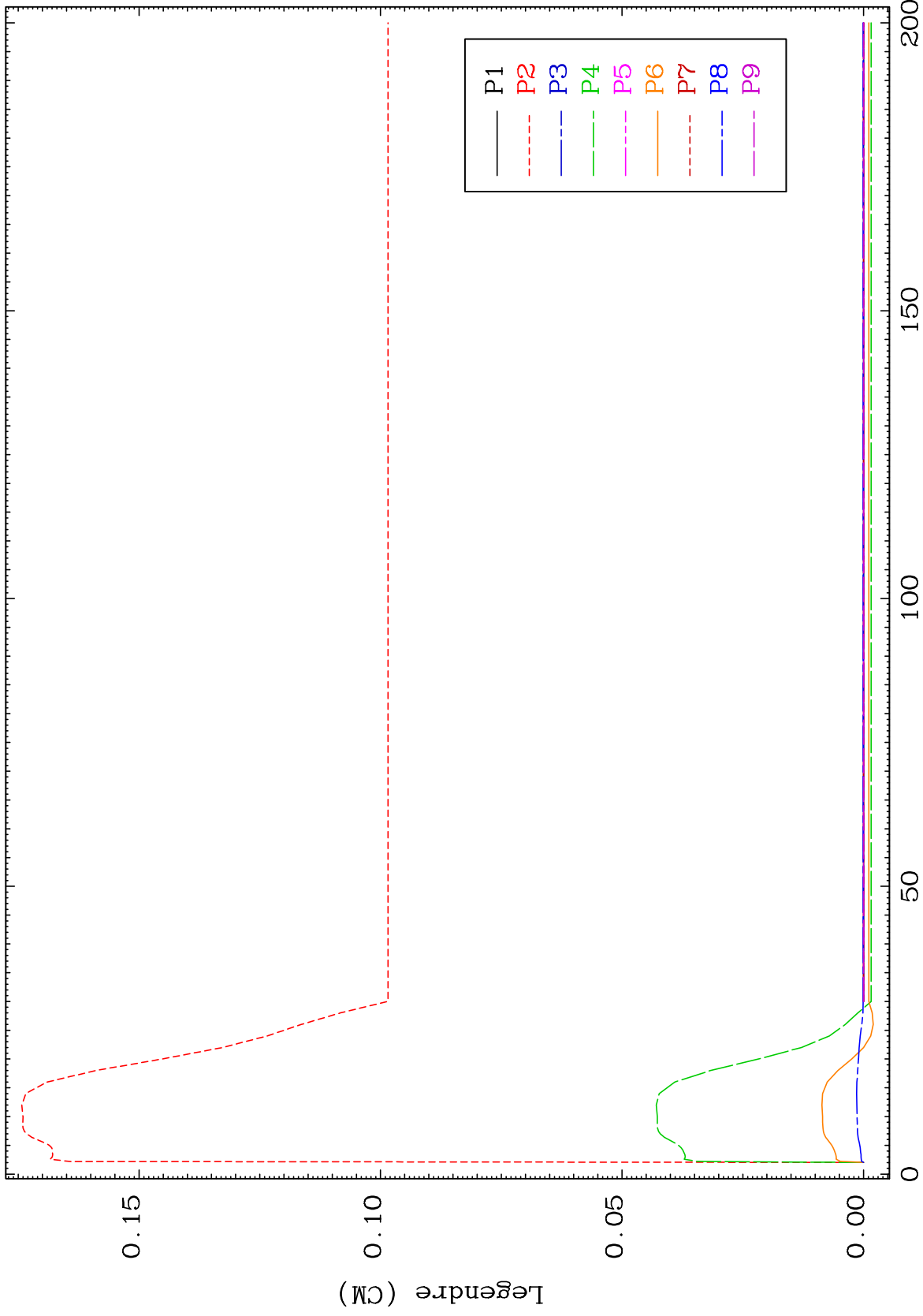
97

83-Bi-215

MAT 8343

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

83-Bi-215



98

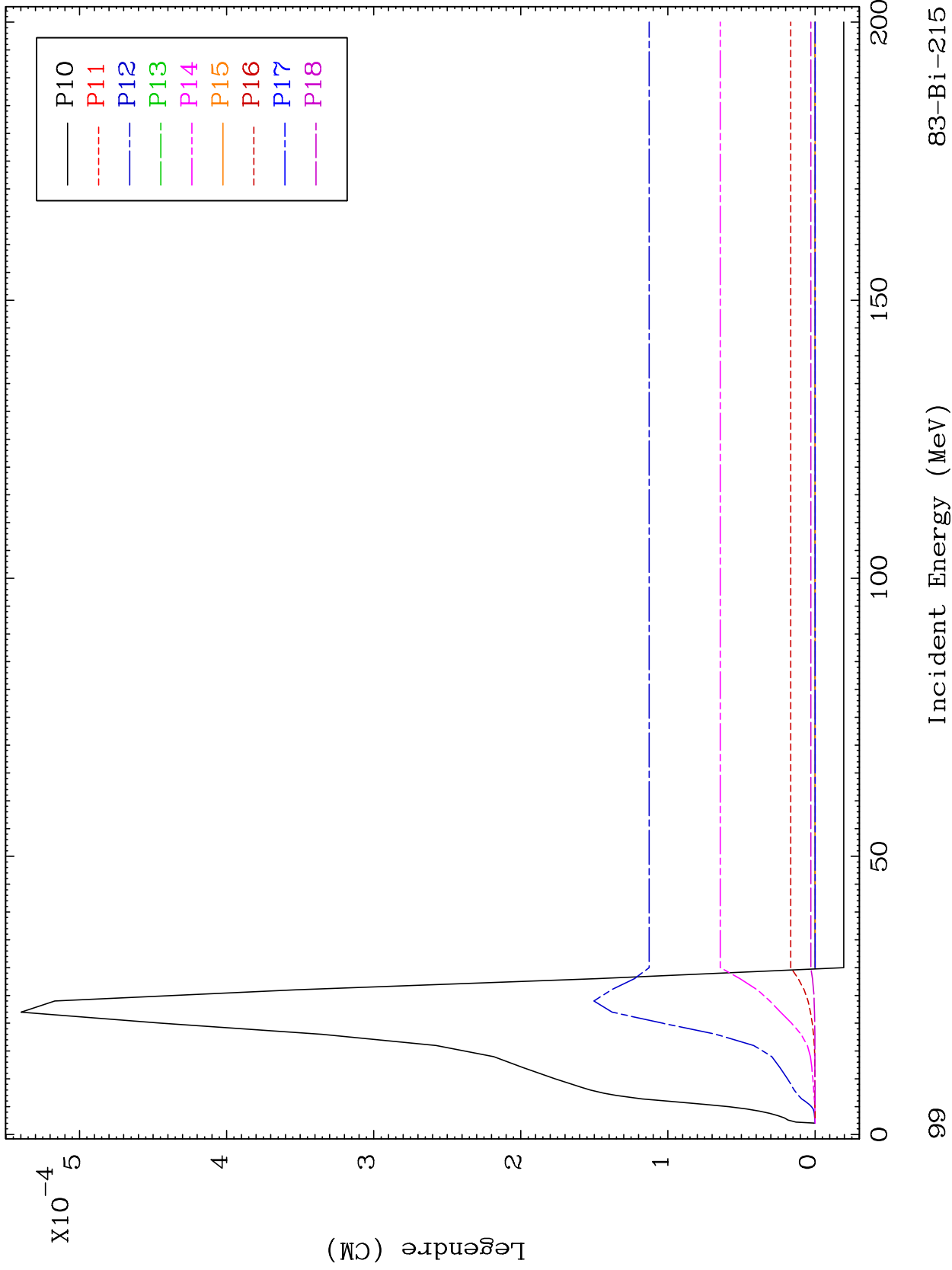
Incident Energy (MeV)

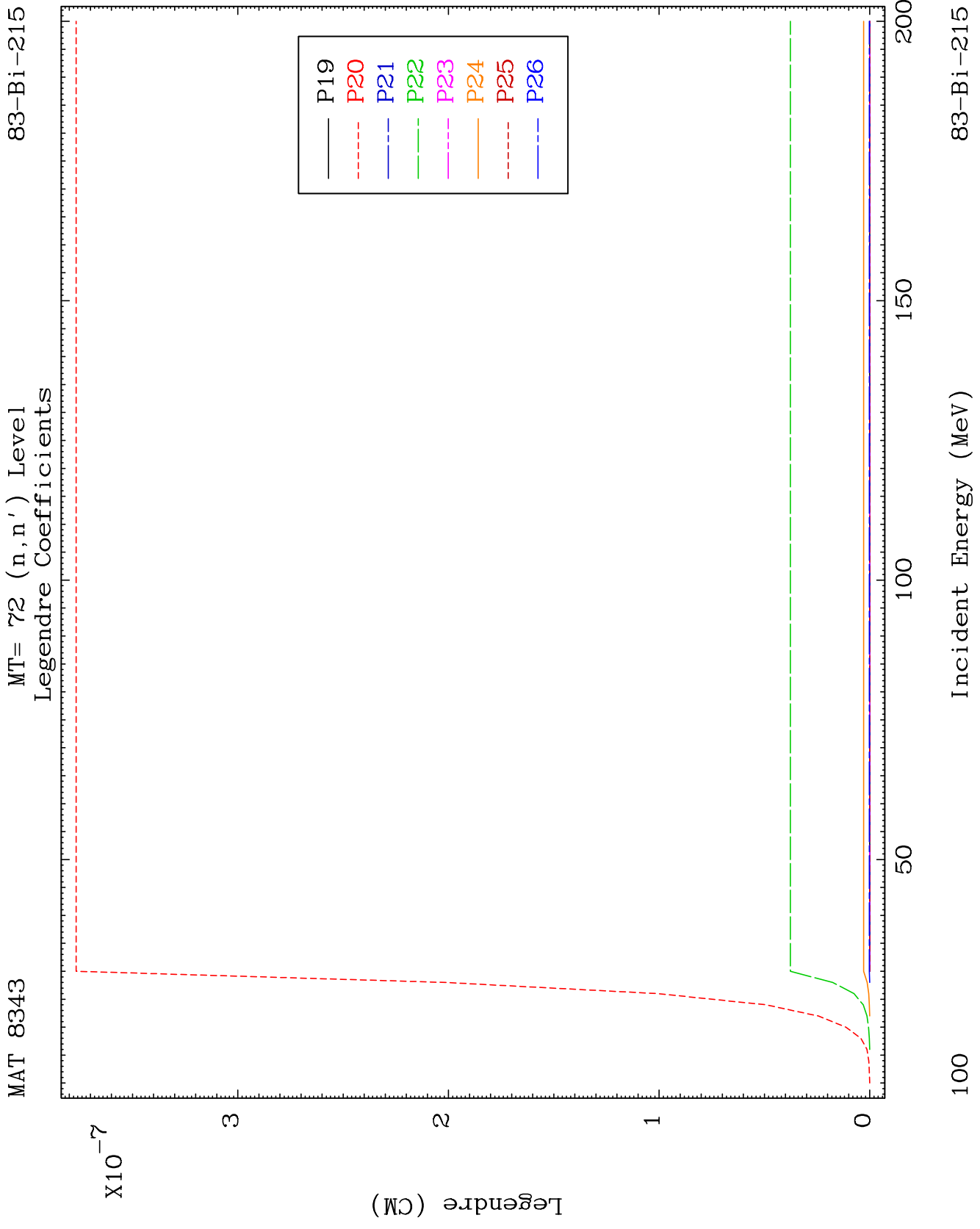
83-Bi-215

MAT 8343

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

83-Bi-215

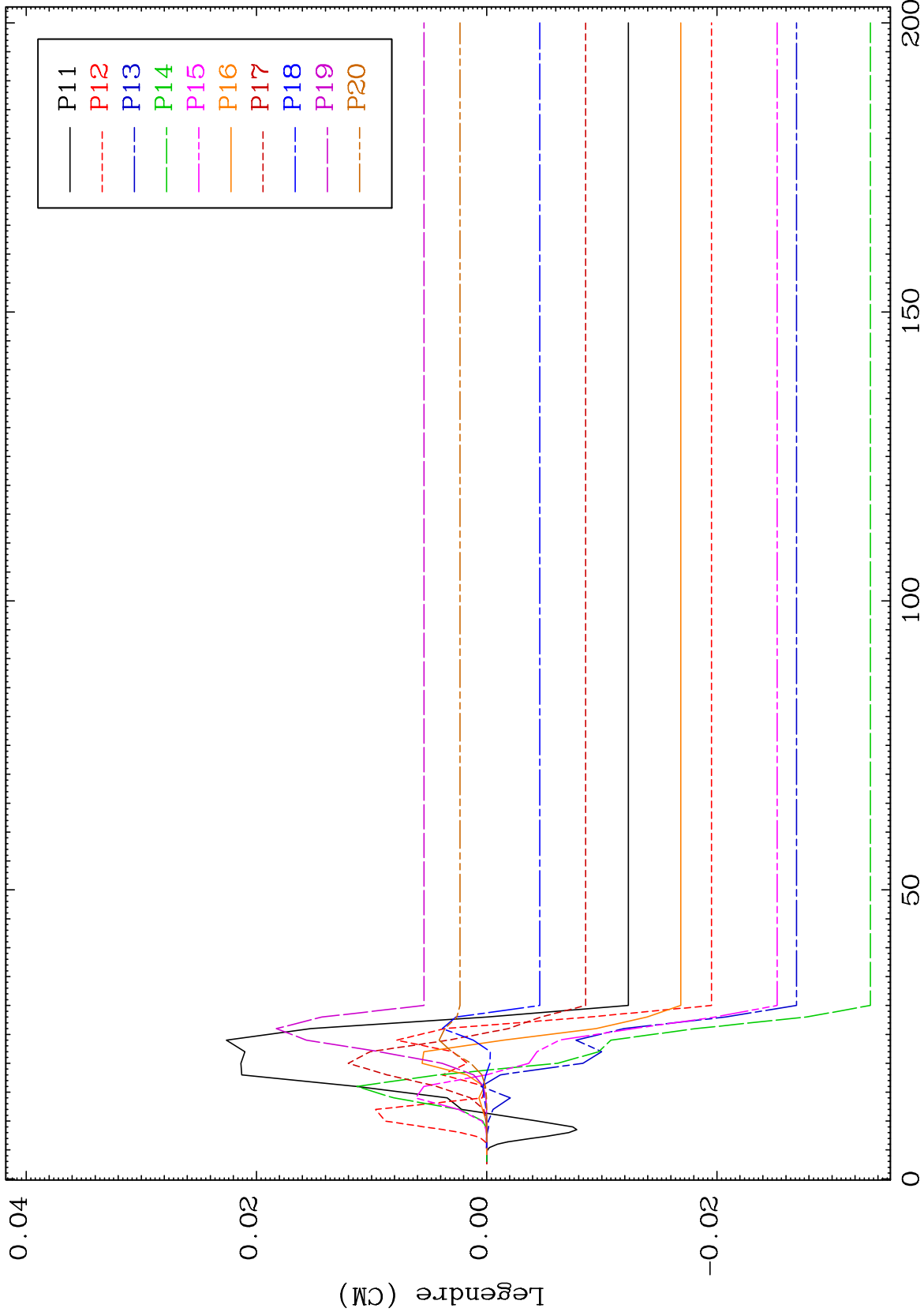




MAT 8343

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

83-Bi-215



102

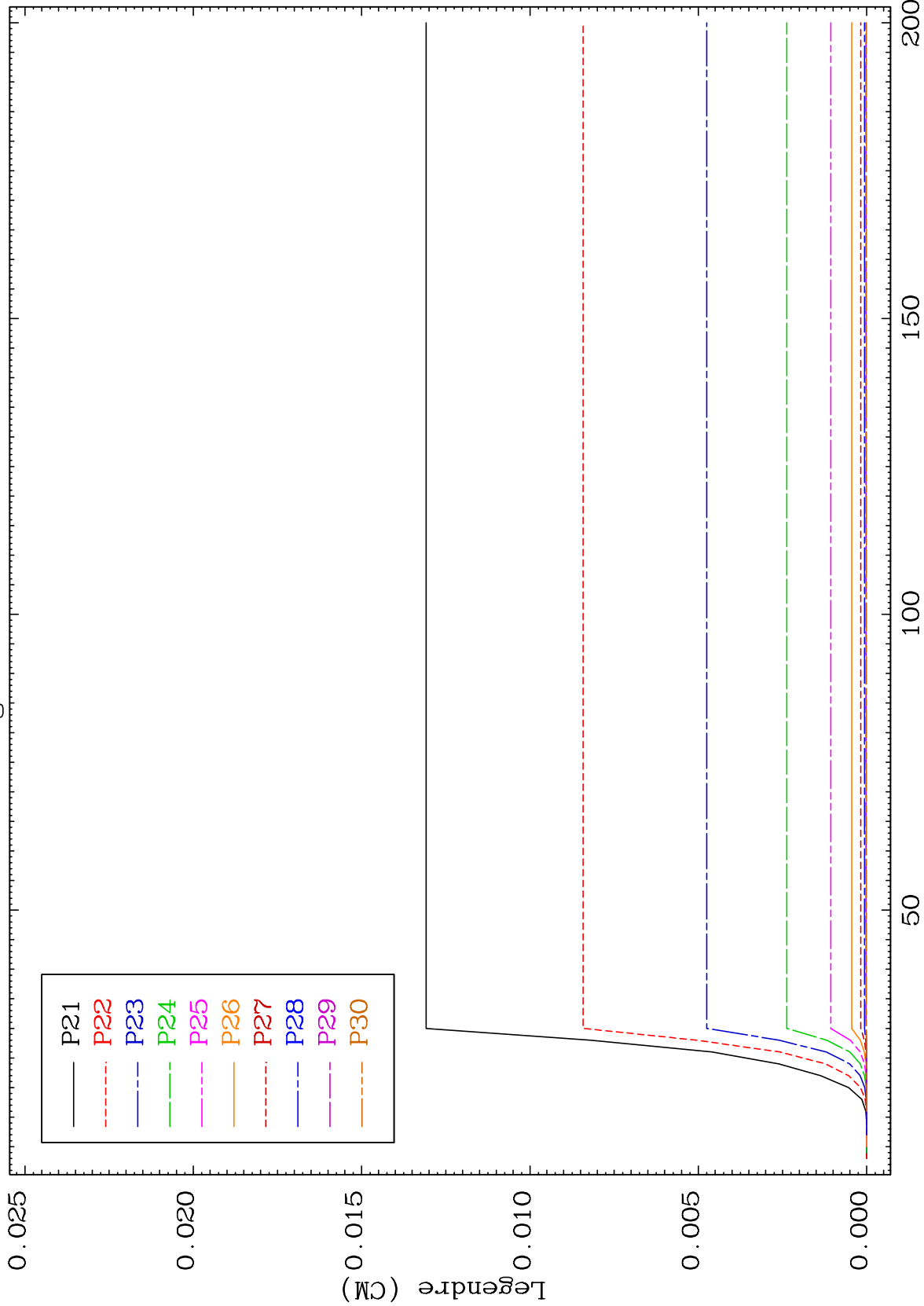
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



103

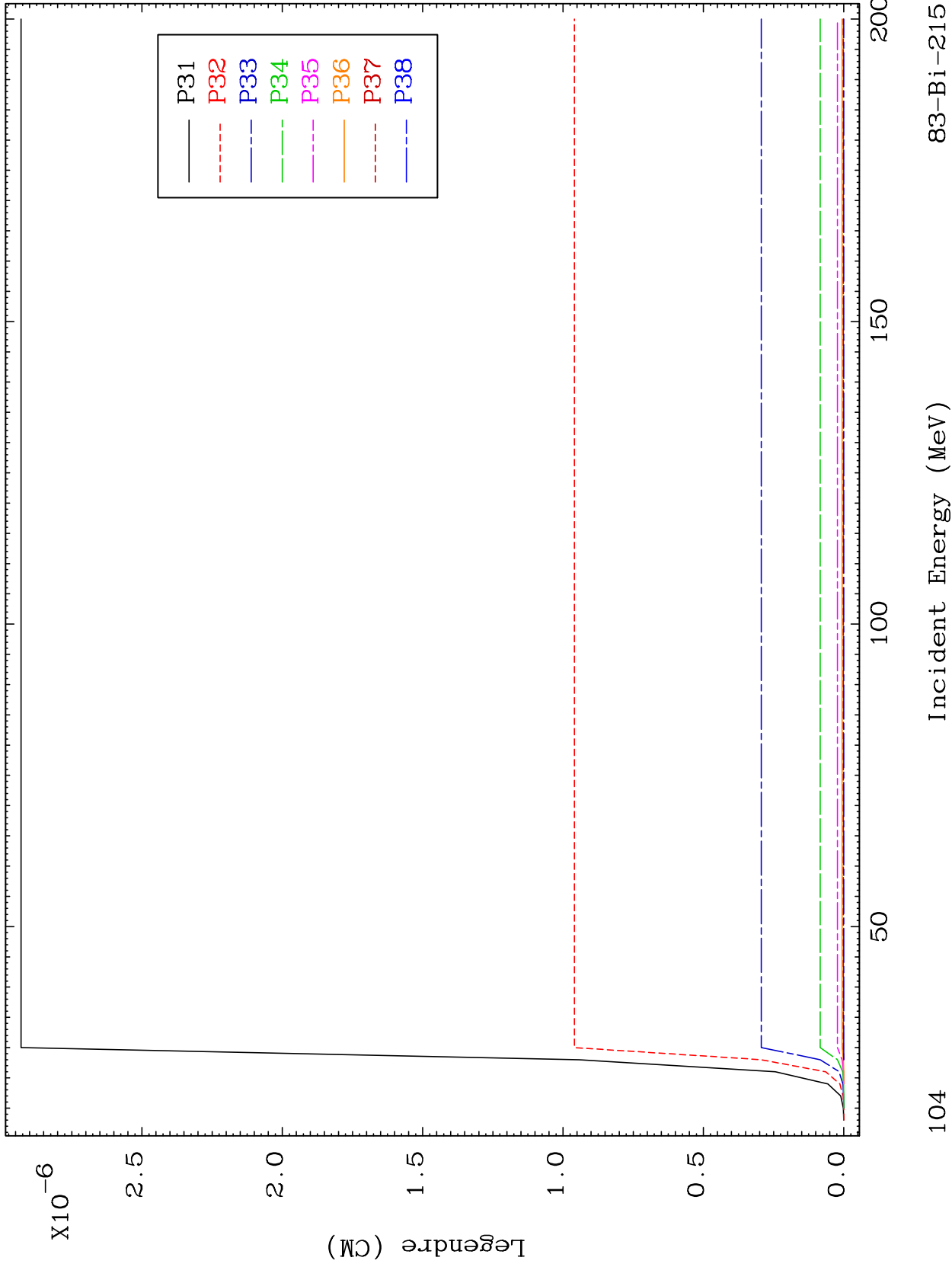
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



104

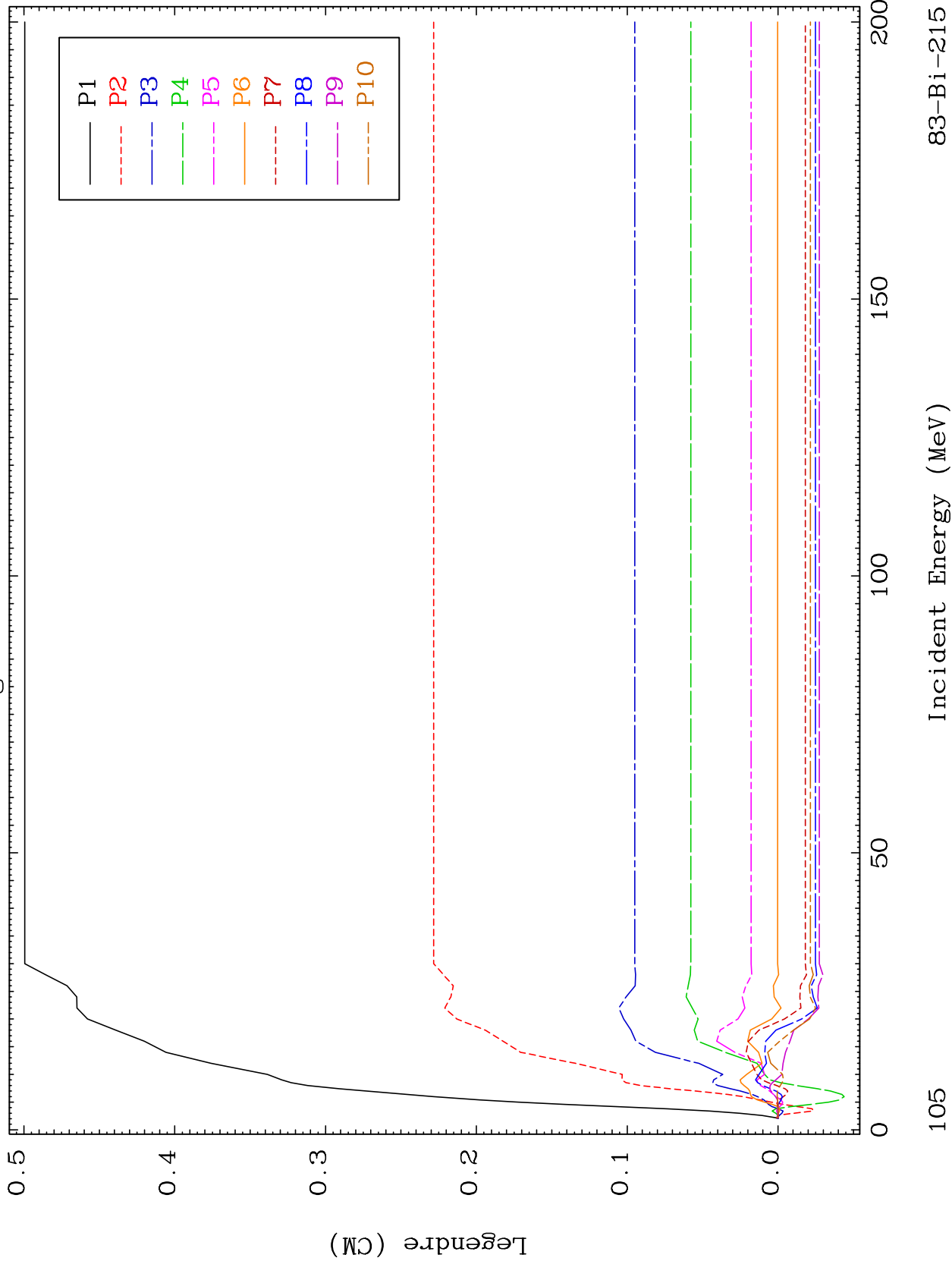
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

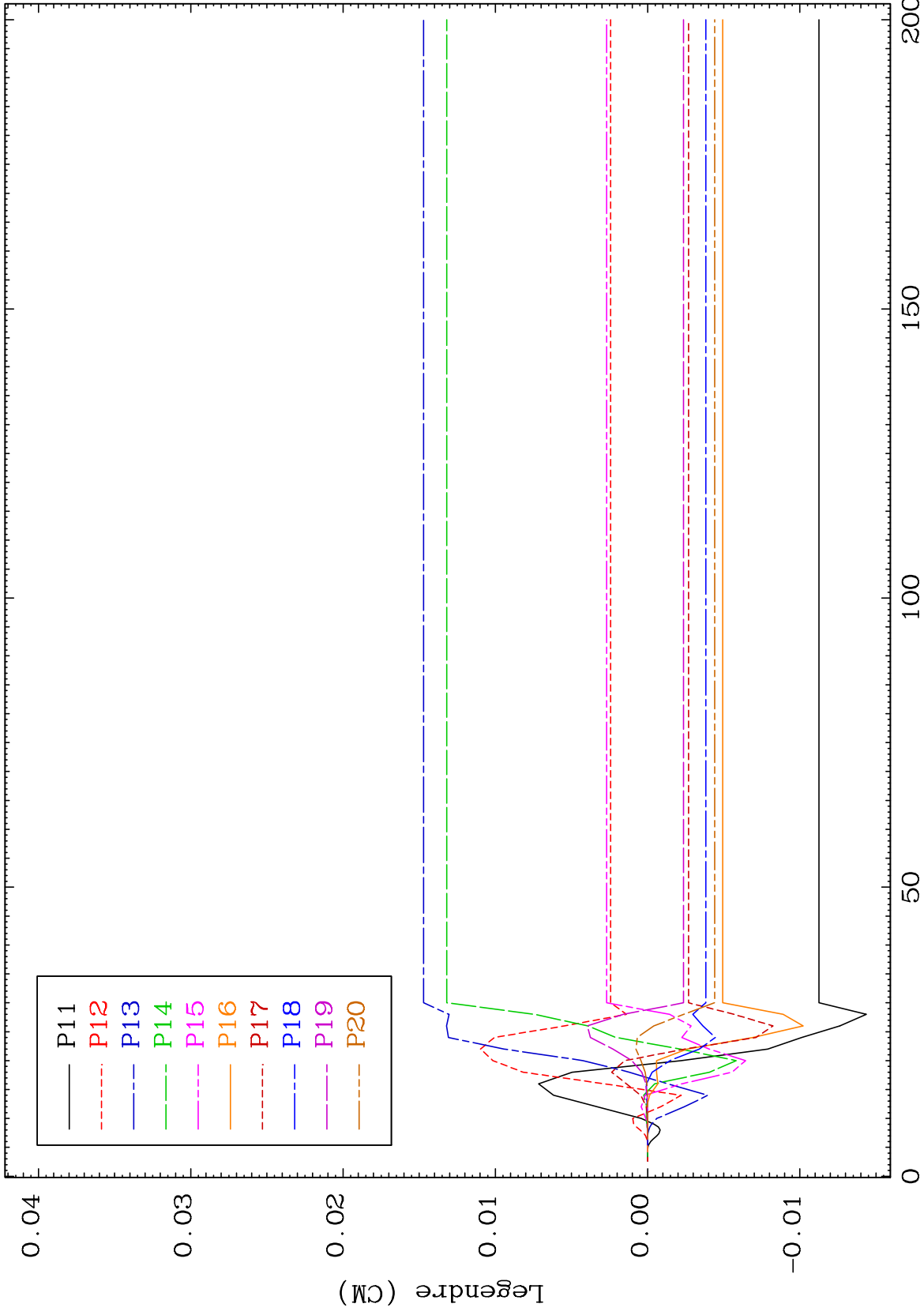
83-Bi-215



MAT 8343

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

83-Bi-215



106

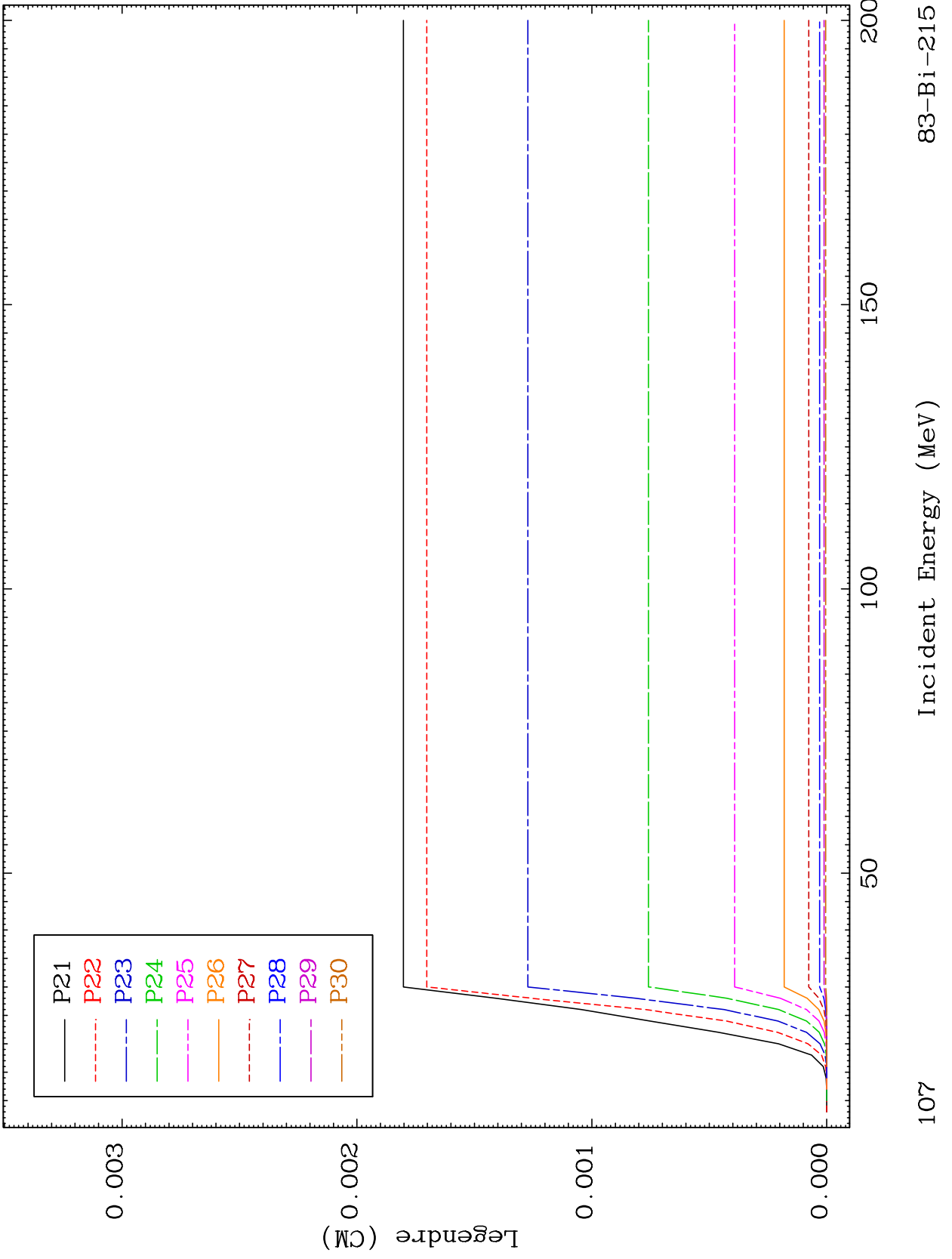
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



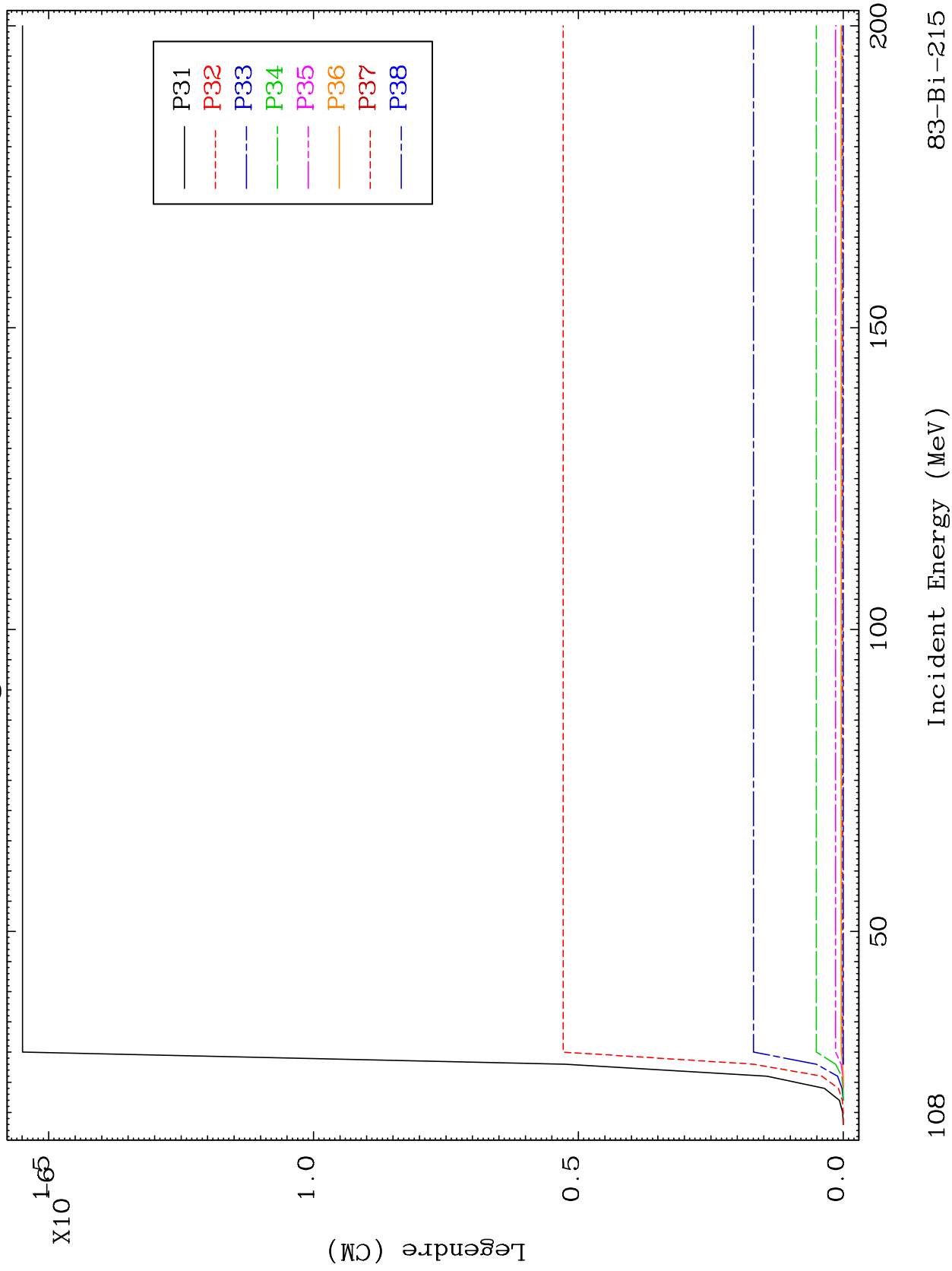
107

83-Bi-215

MAT 8343

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

83-Bi-215



108

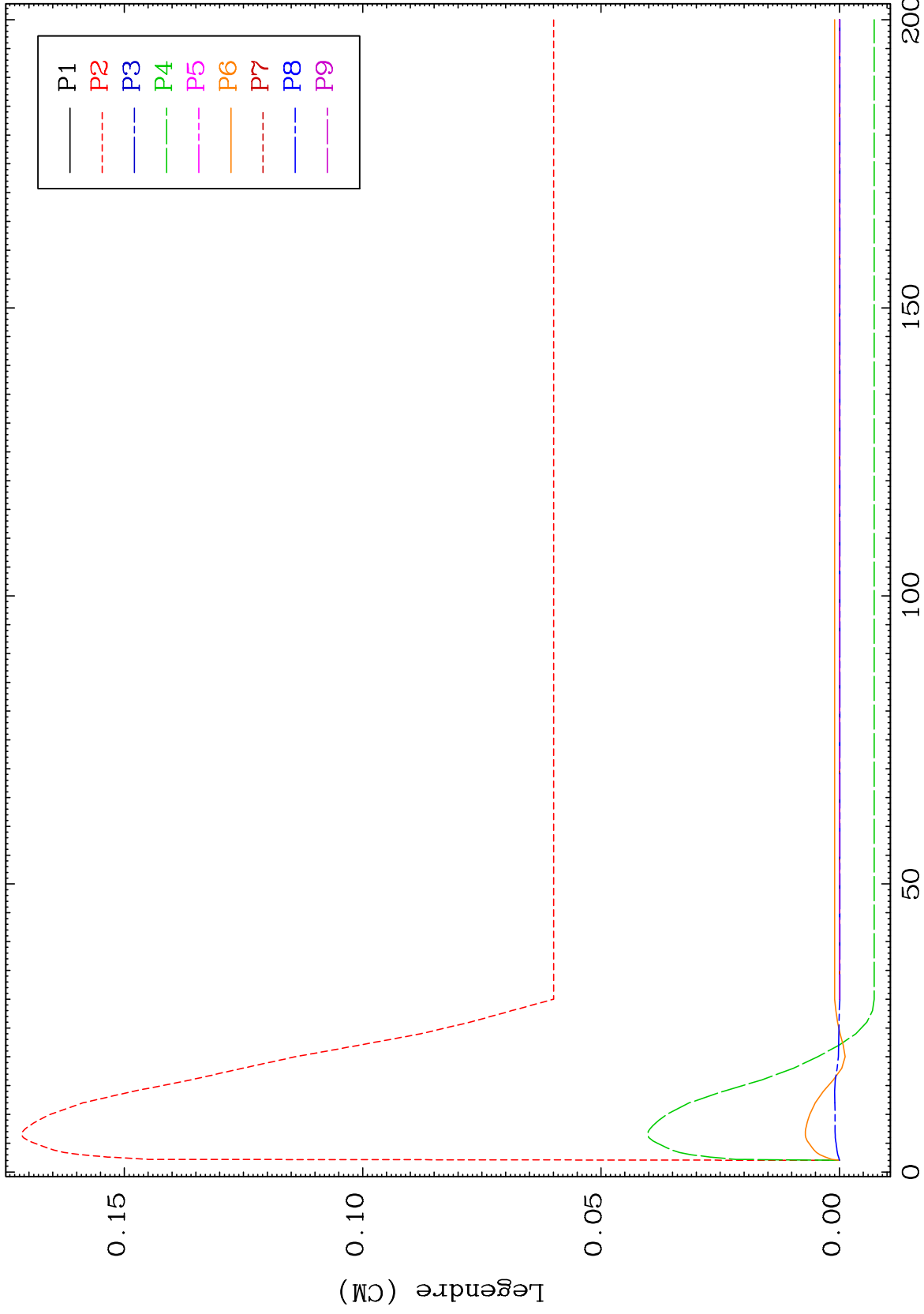
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

83-Bi-215



109

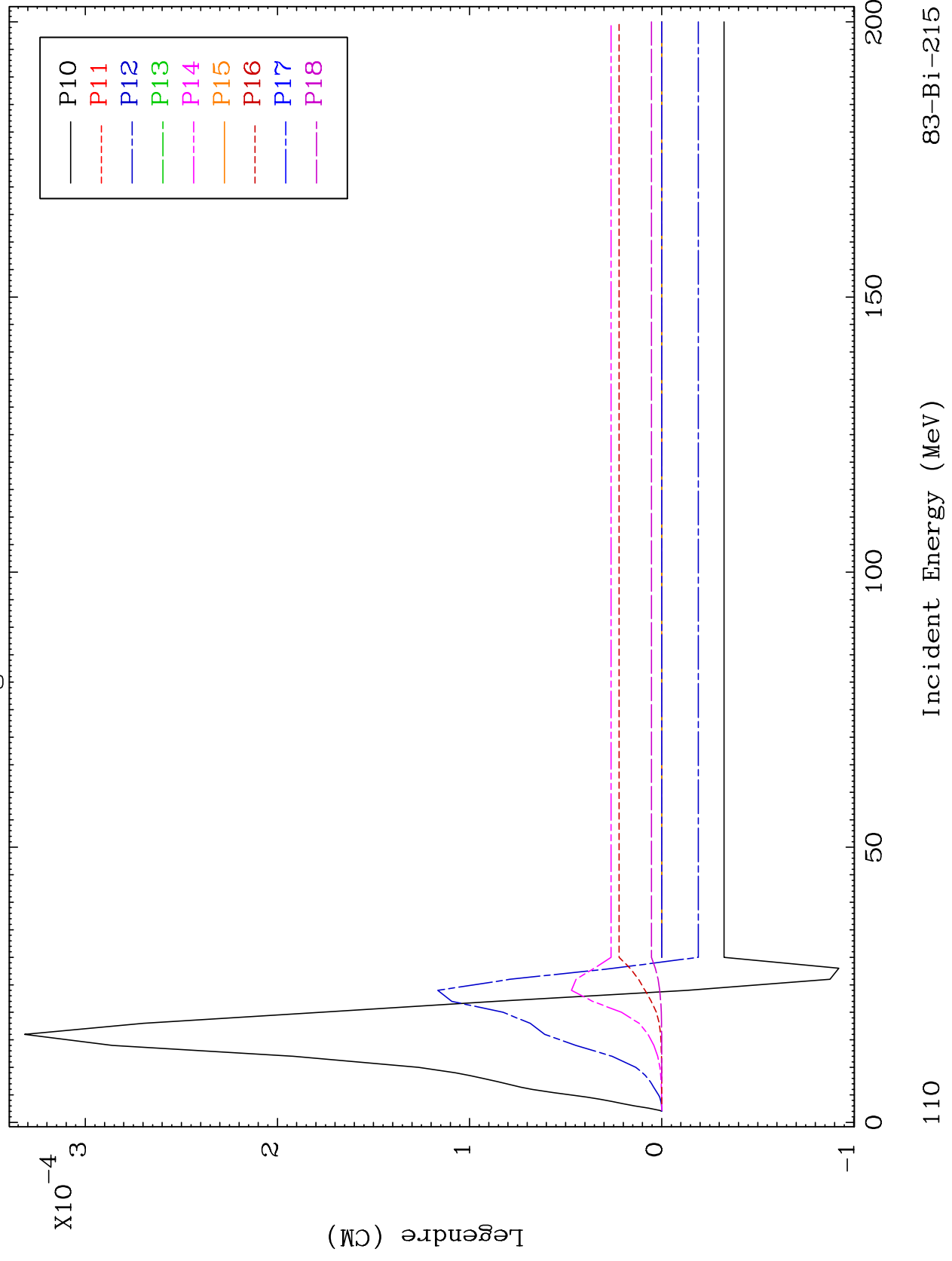
Incident Energy (MeV)

83-Bi-215

MAT 8343

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

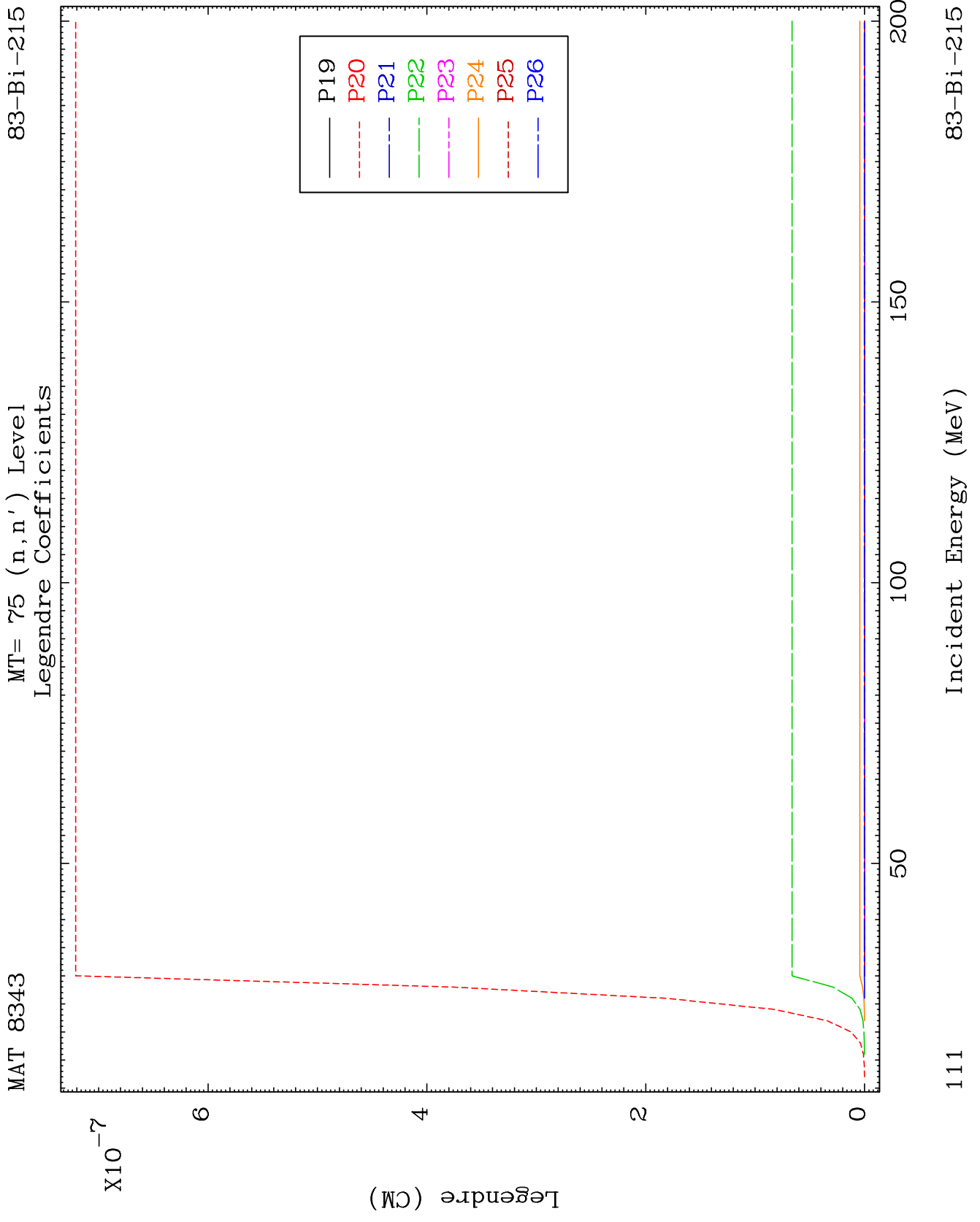
83-Bi-215



110

83-Bi-215

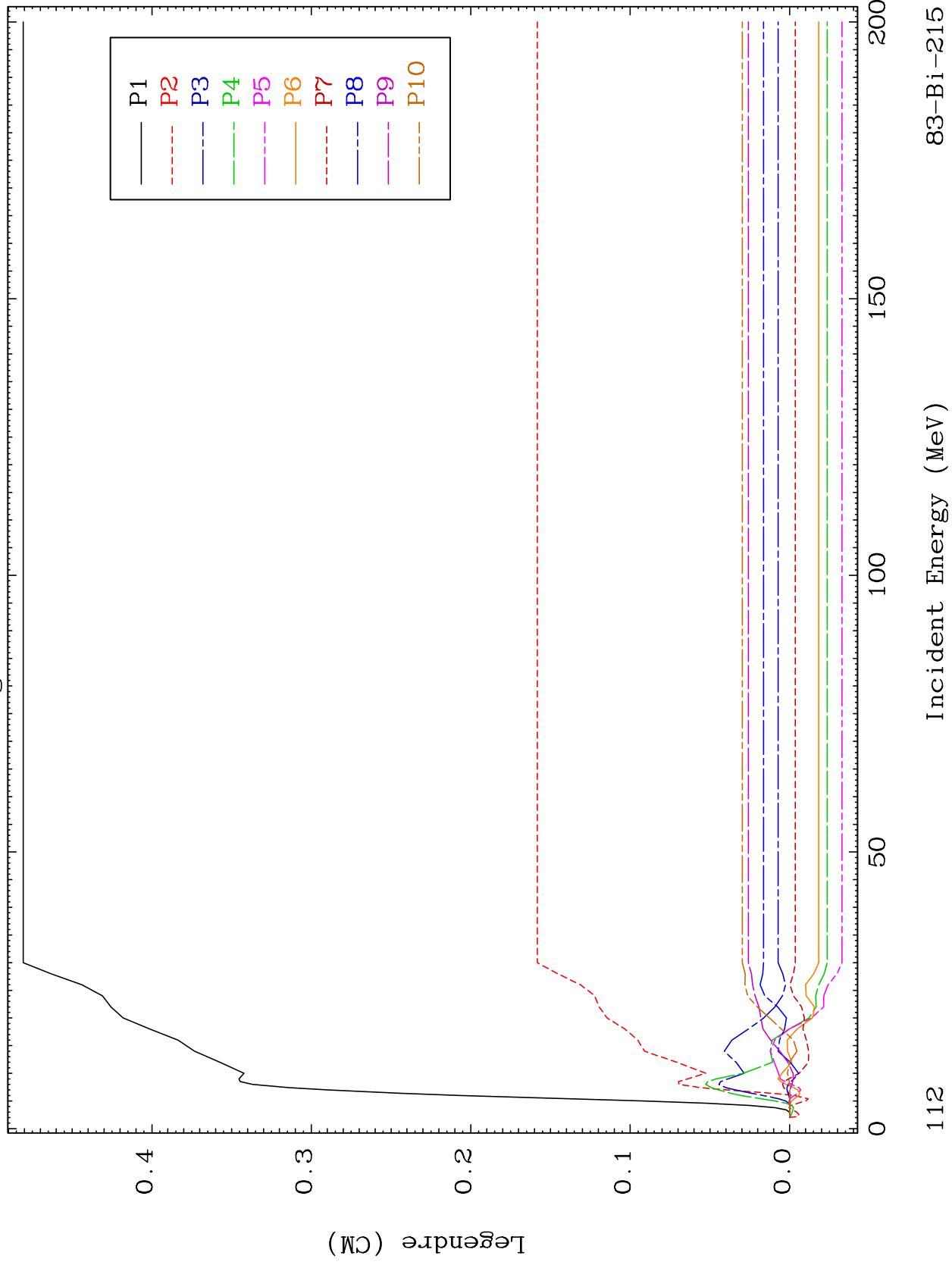
83-Bi-215



MAT 8343

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

83-Bi-215



83-Bi-215

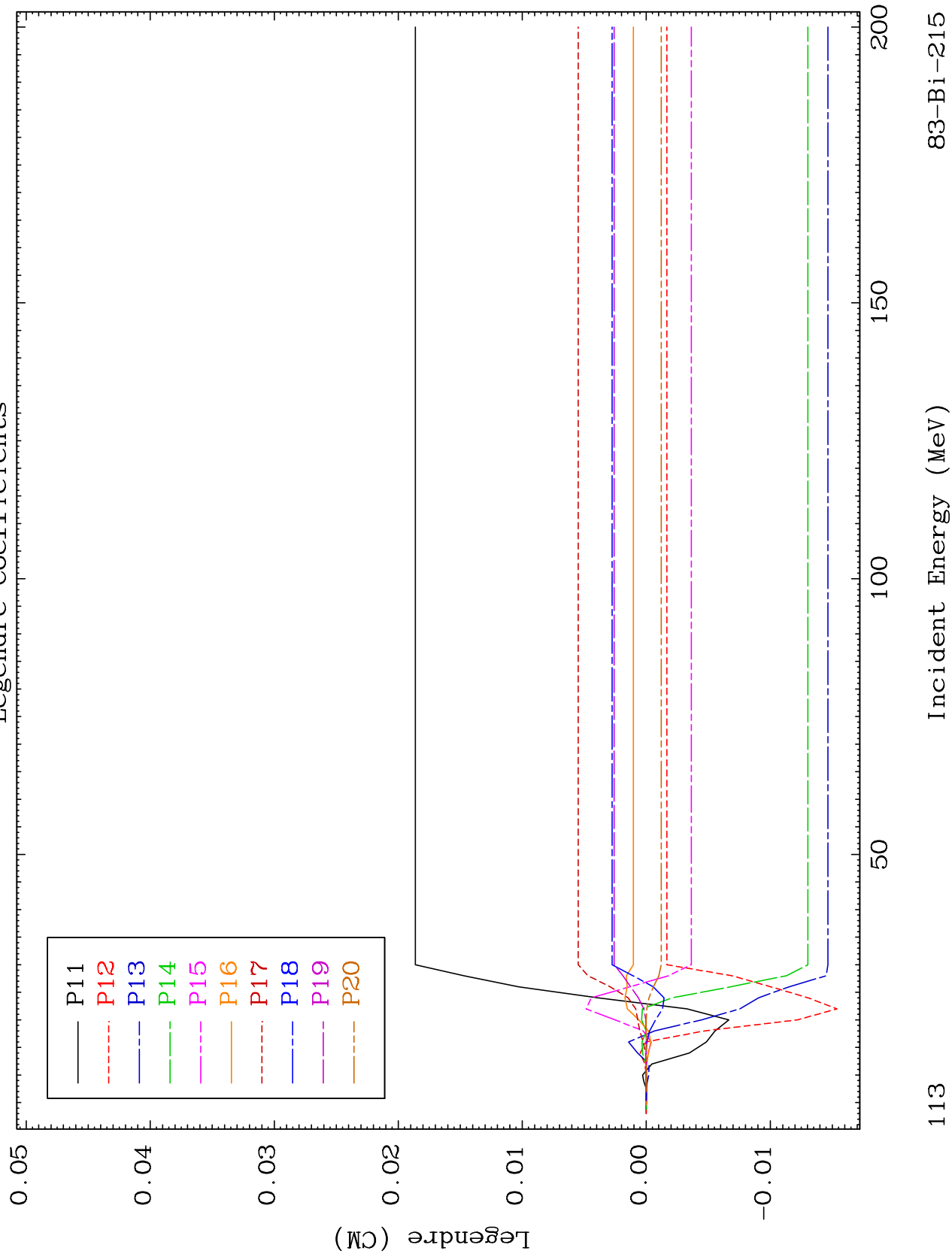
Incident Energy (MeV)

112

MAT 8343

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

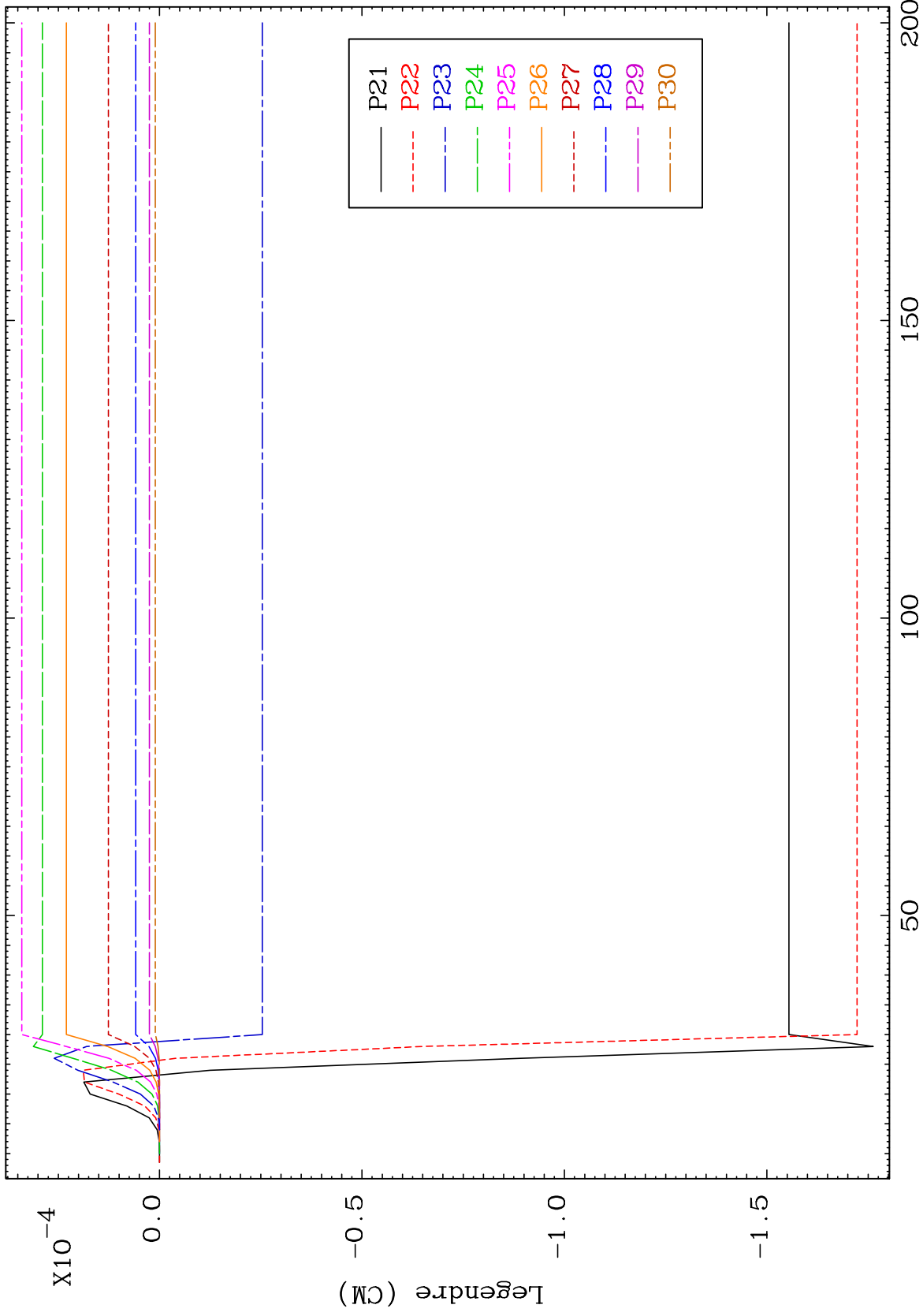
83-Bi-215



MAT 8343

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

83-Bi-215



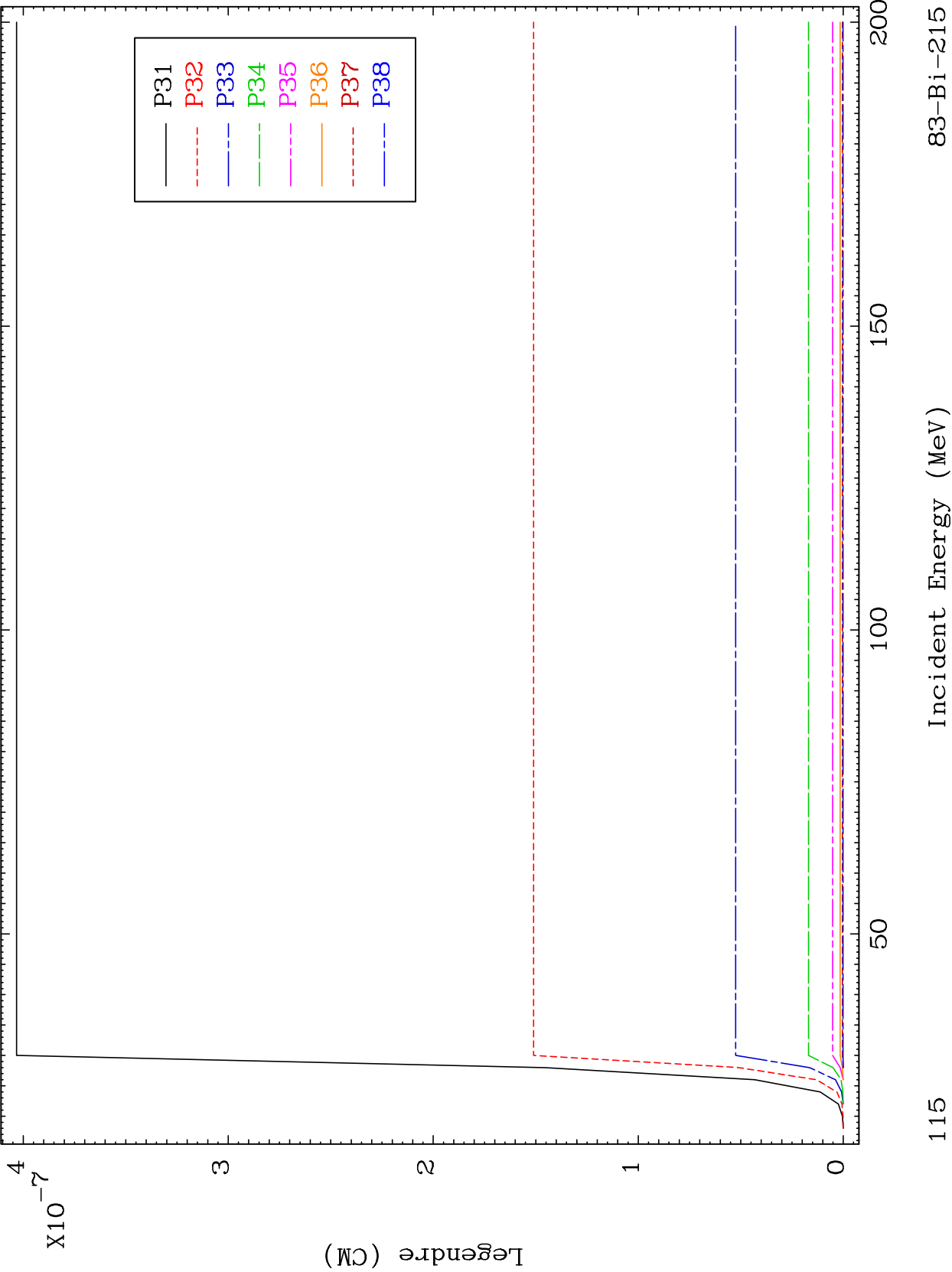
114

83-Bi-215

MAT 8343

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

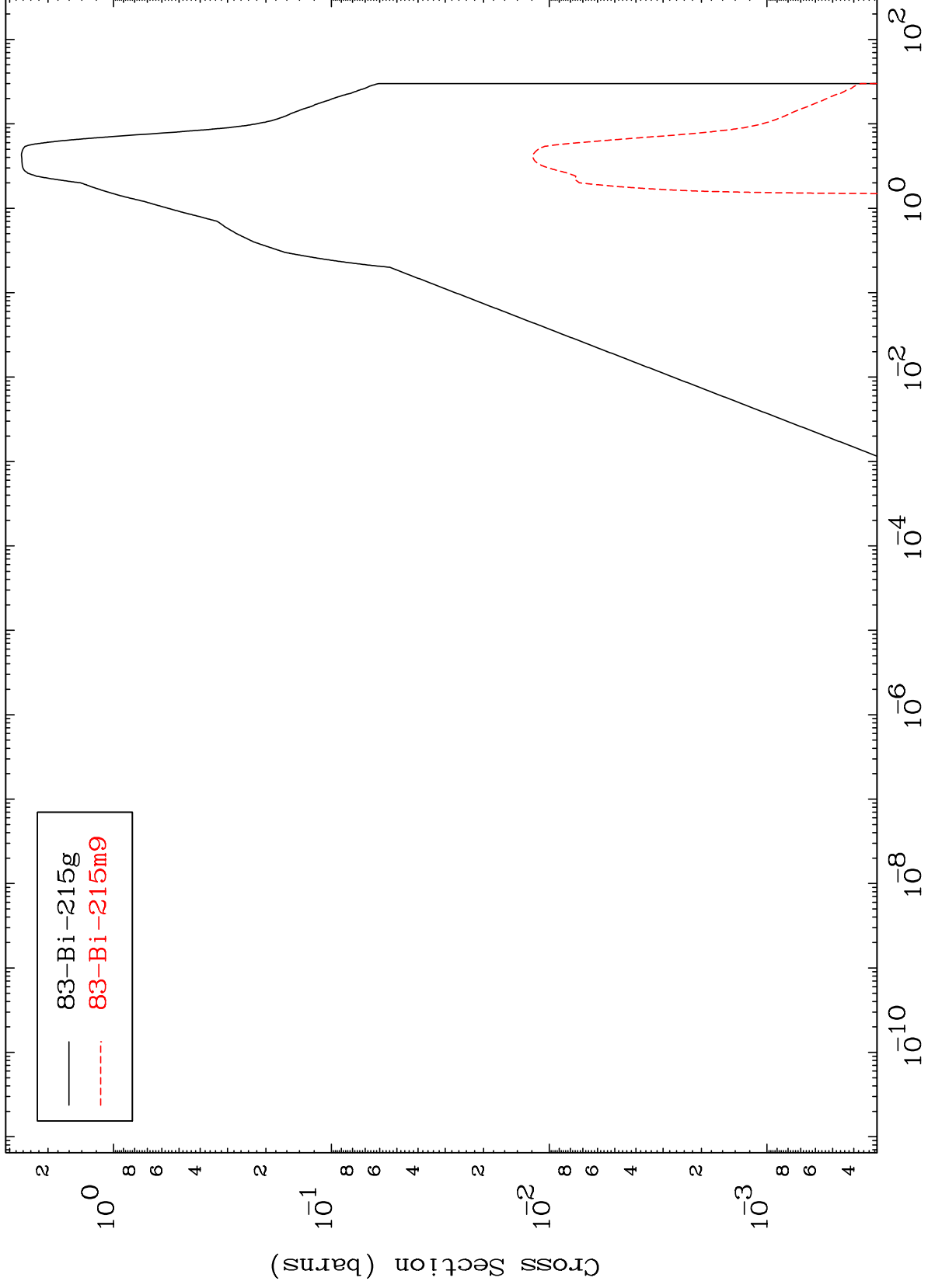
83-Bi-215



MAT 8343

Inelastic
Radionuclide Production Cross Section

83-Bi-215



83-Bi-215g
83-Bi-215m9

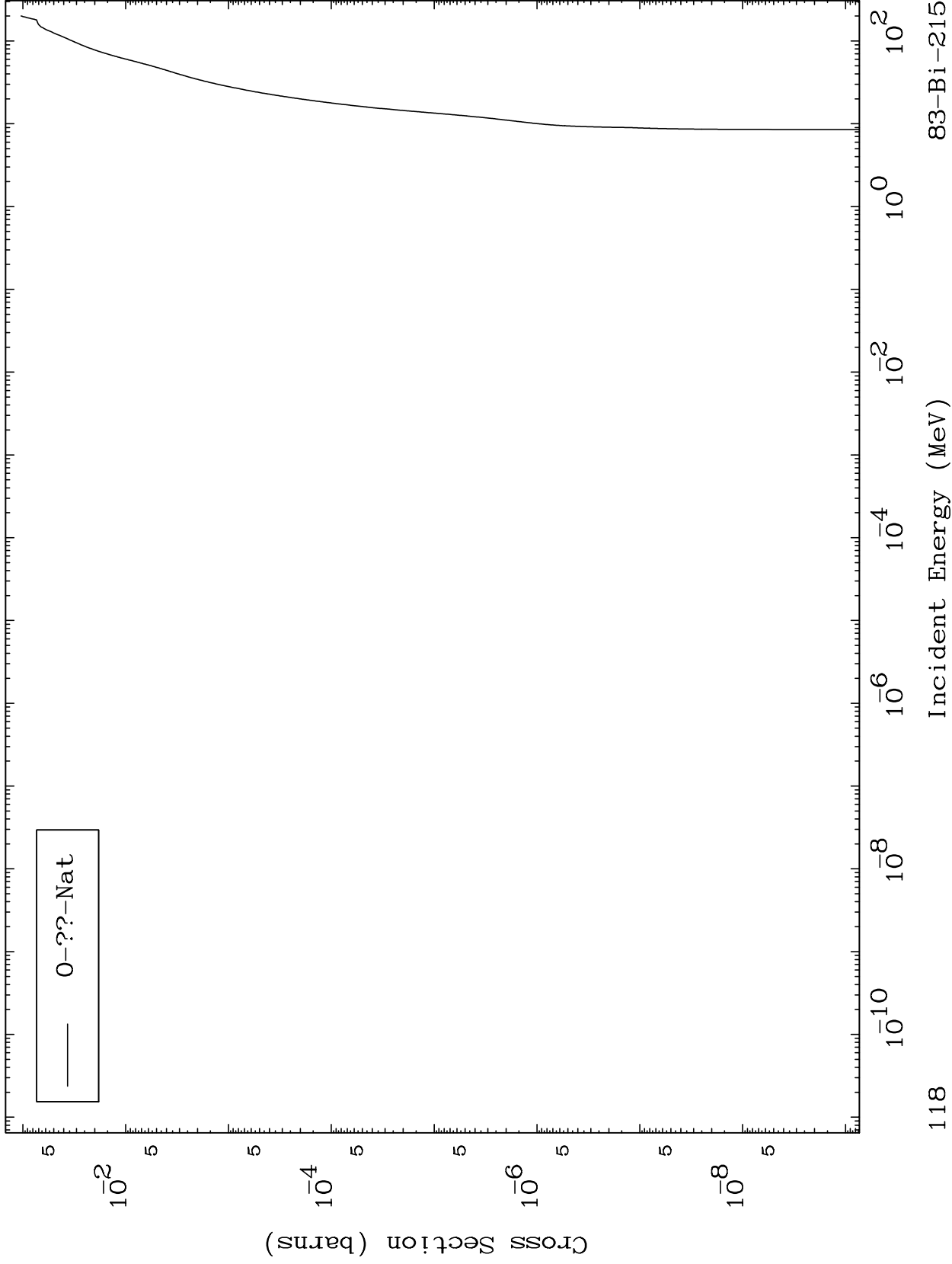
83-Bi-215

MAT 8343

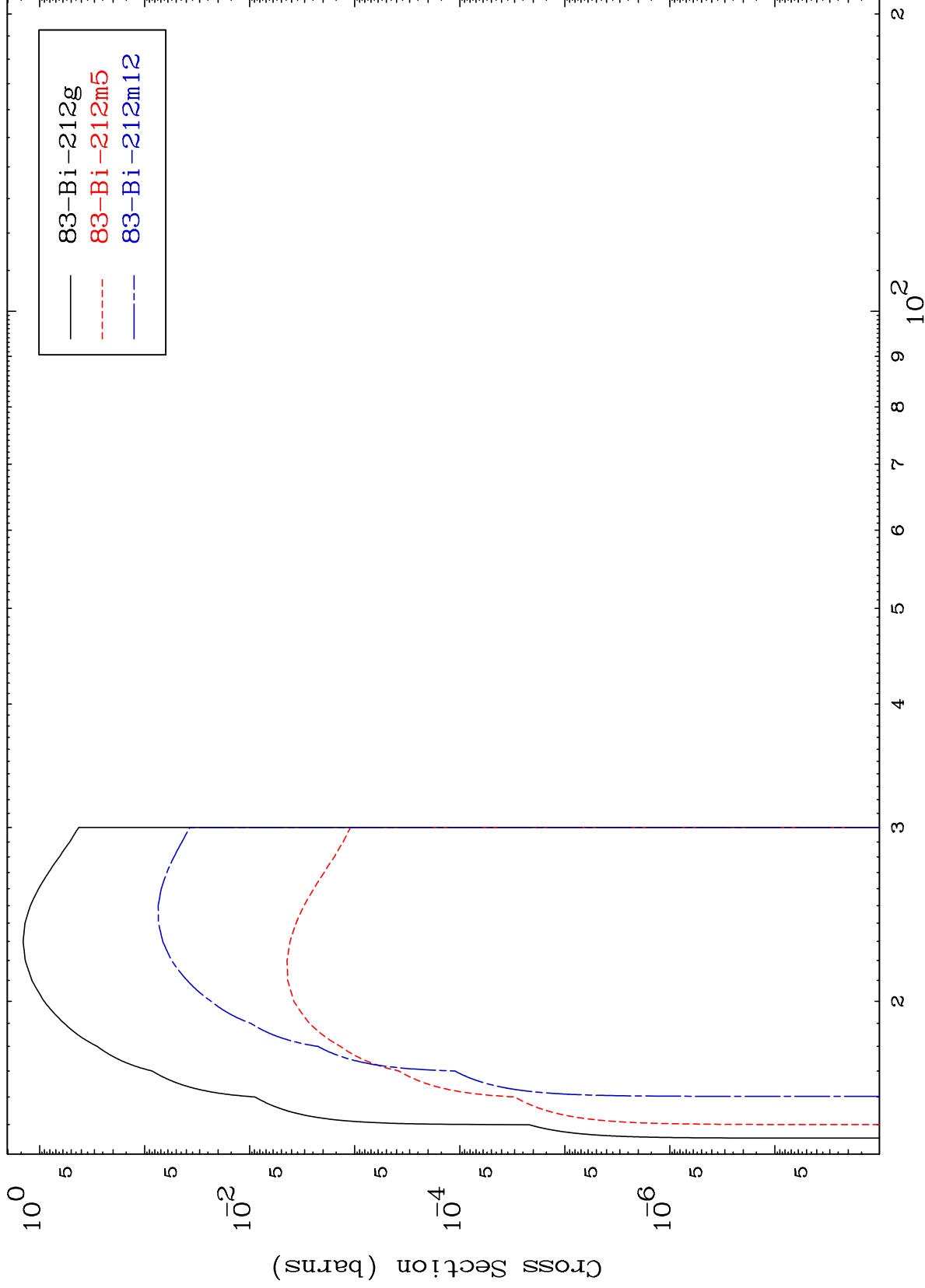
Fission

83-Bi-215

Radionuclide Production Cross Section



Radionuclide Production Cross Section



MAT 8343

83-Bi-215

(n,γ)
Radionuclide Production Cross Section

