

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

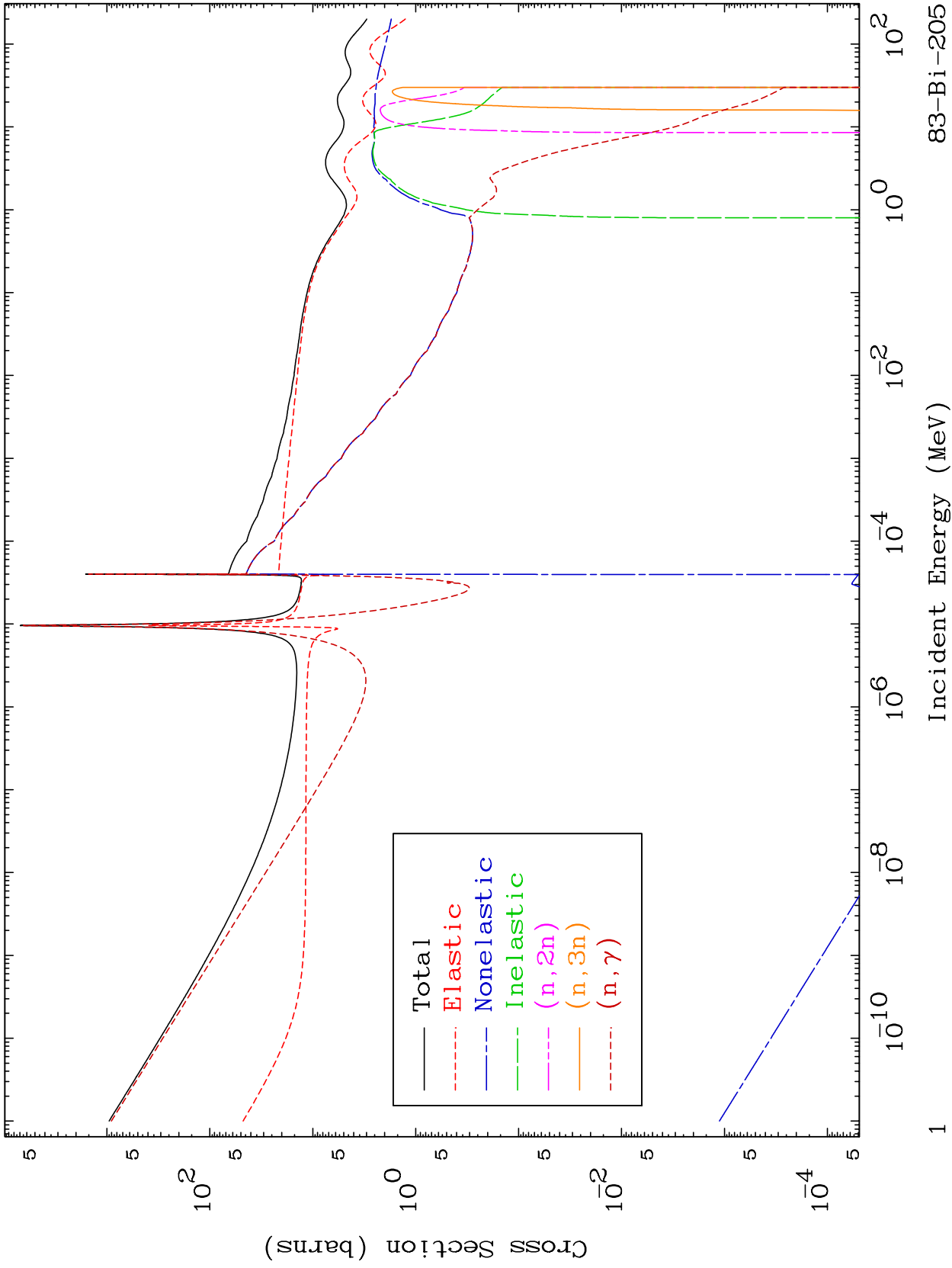
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8313

Neutron Major
293 Kelvin Cross Sections

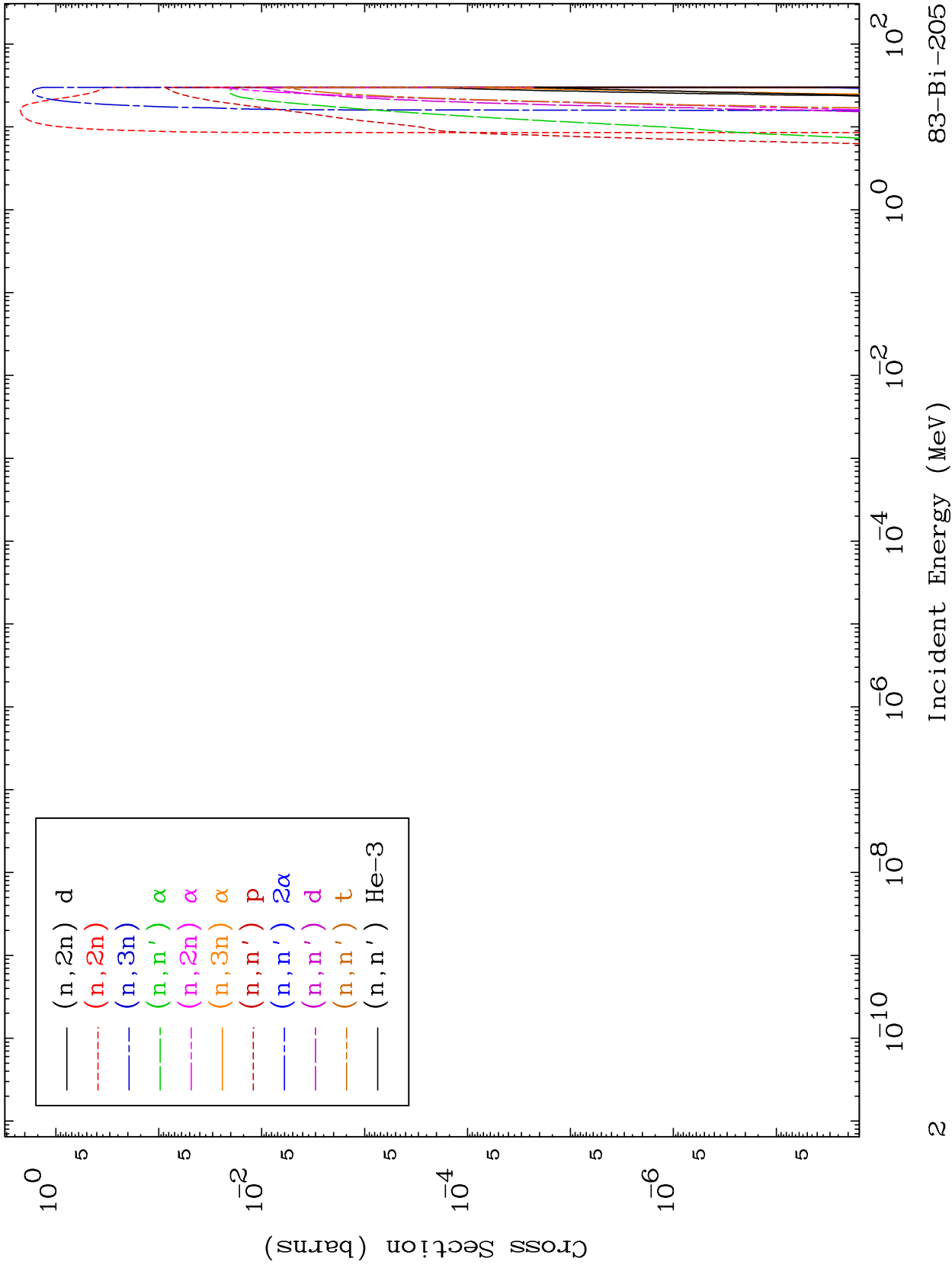
83-Bi-205



MAT 8313

Neutron Absorption
293 Kelvin Cross Sections

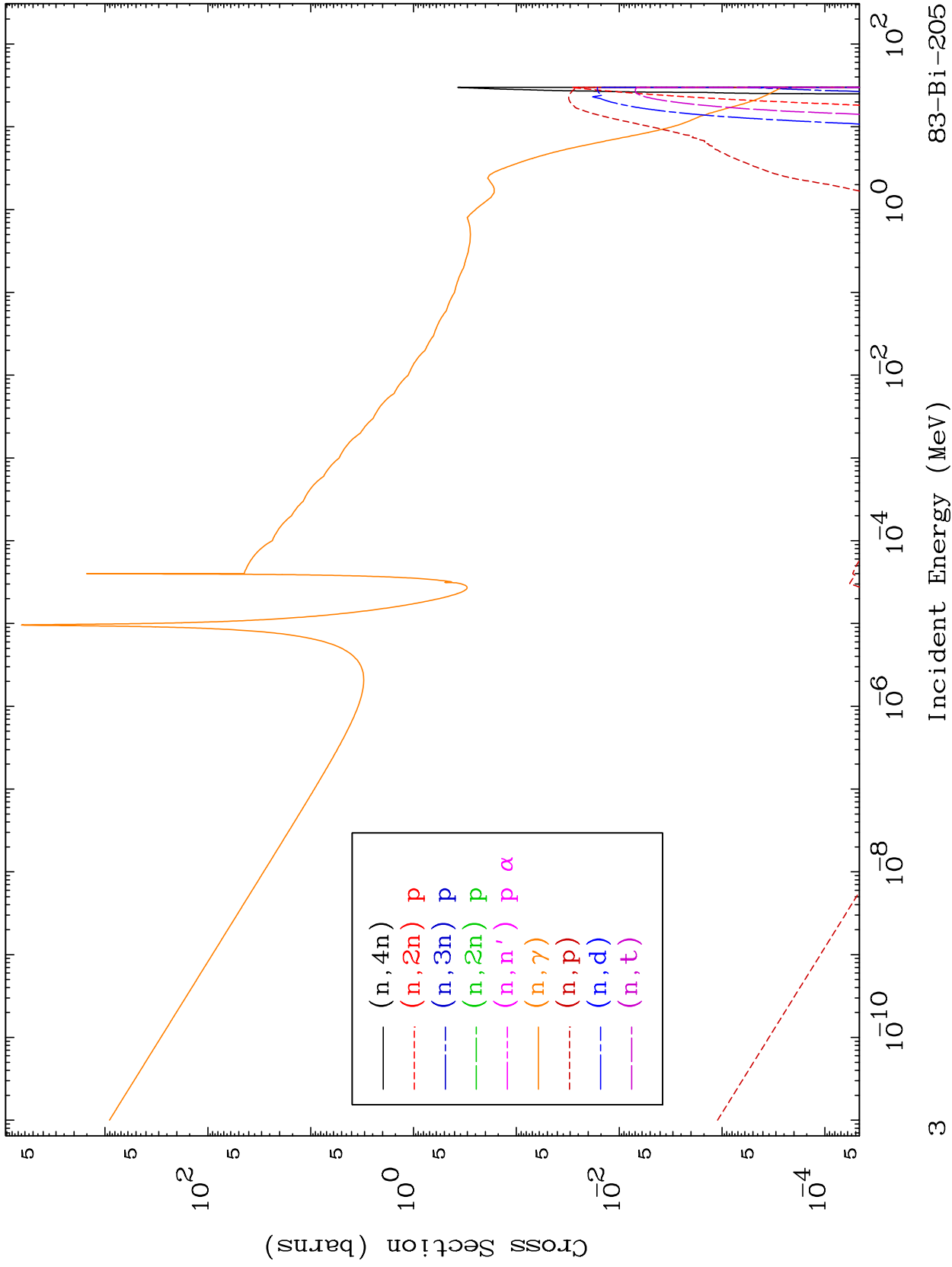
83-Bi-205



MAT 8313

Neutron Absorption
293 Kelvin Cross Sections

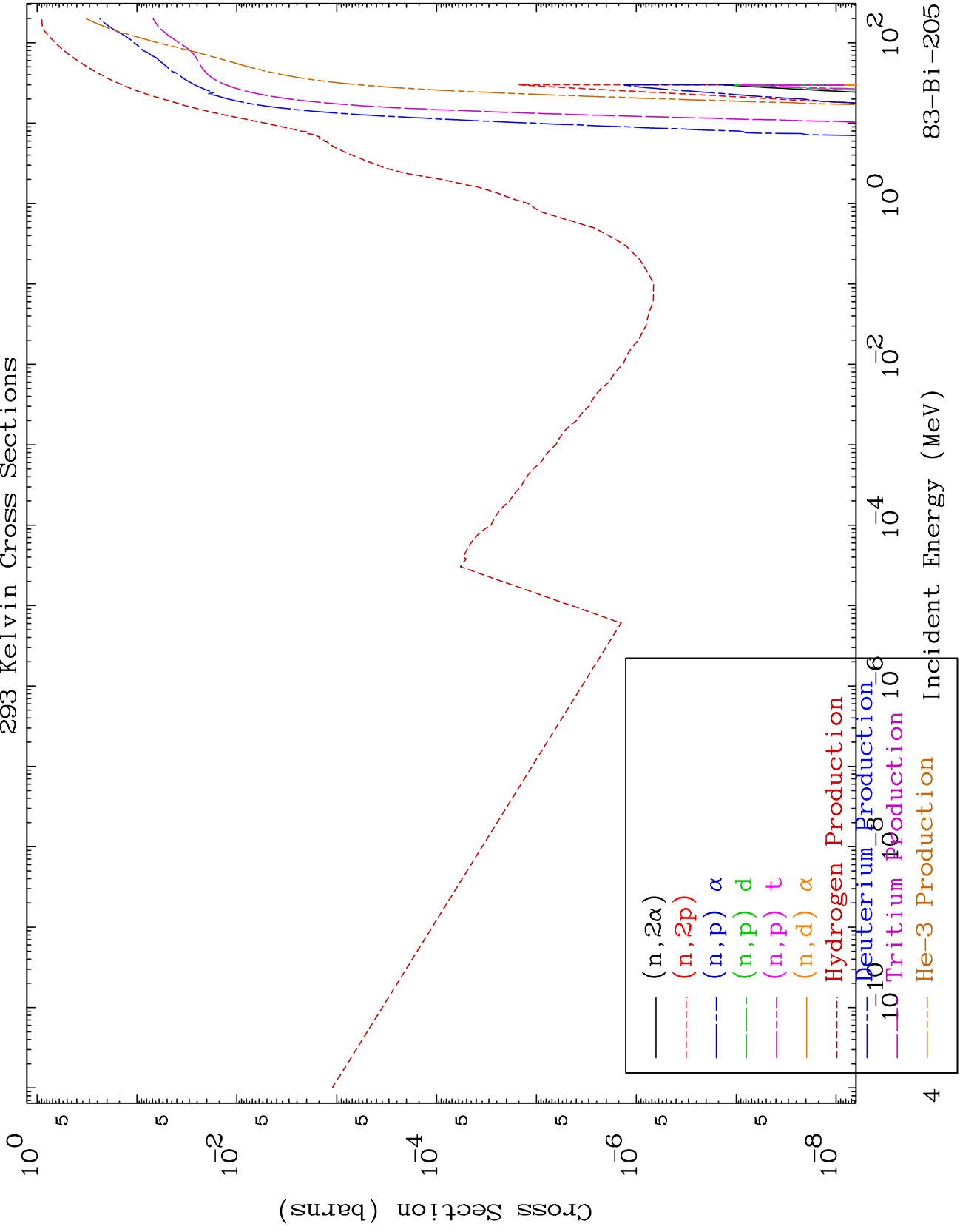
83-Bi-205



MAT 8313

Neutron Absorption
293 Kelvin Cross Sections

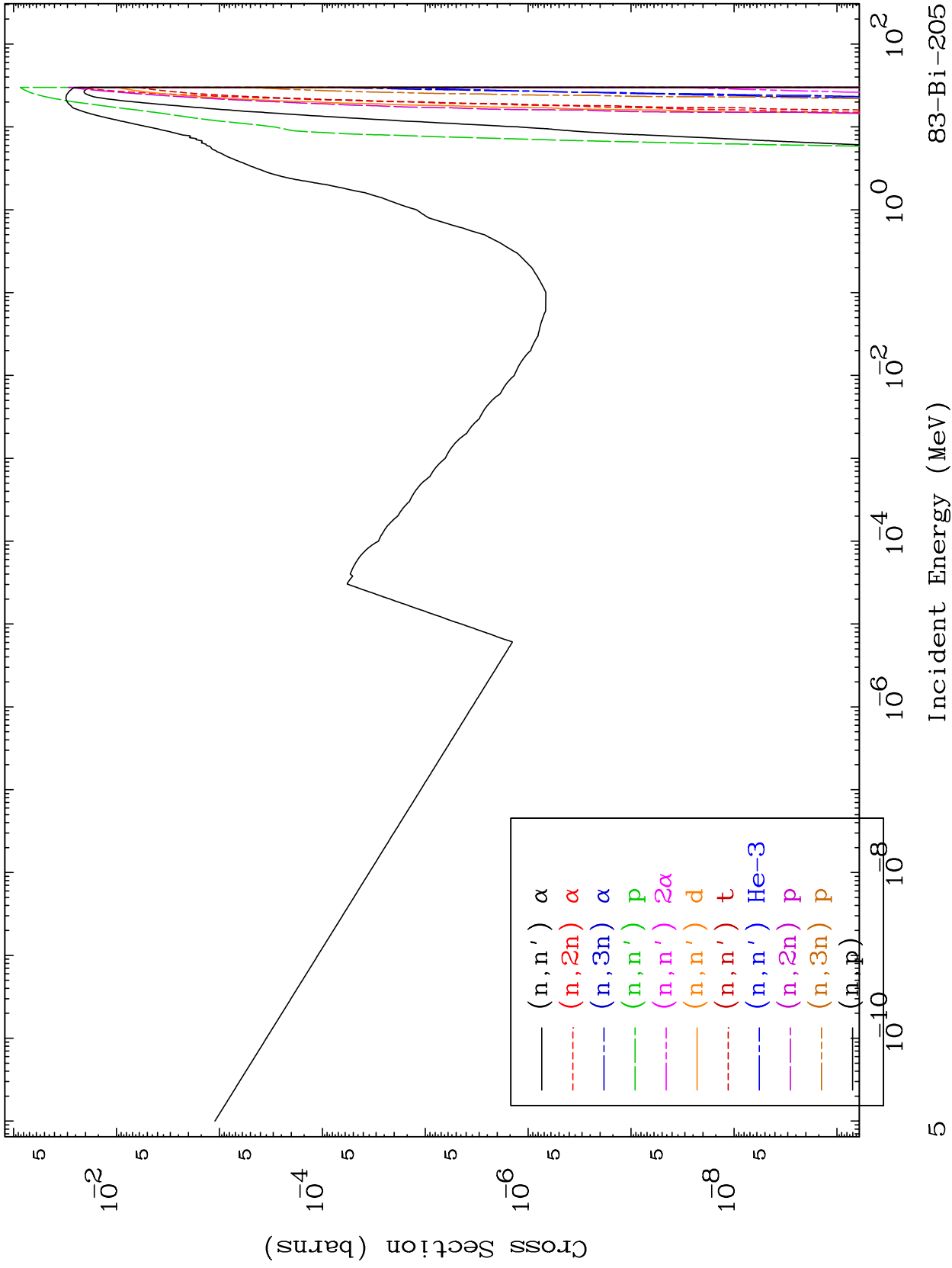
83-Bi-205



MAT 8313

Charged Particle
293 Kelvin Cross Sections

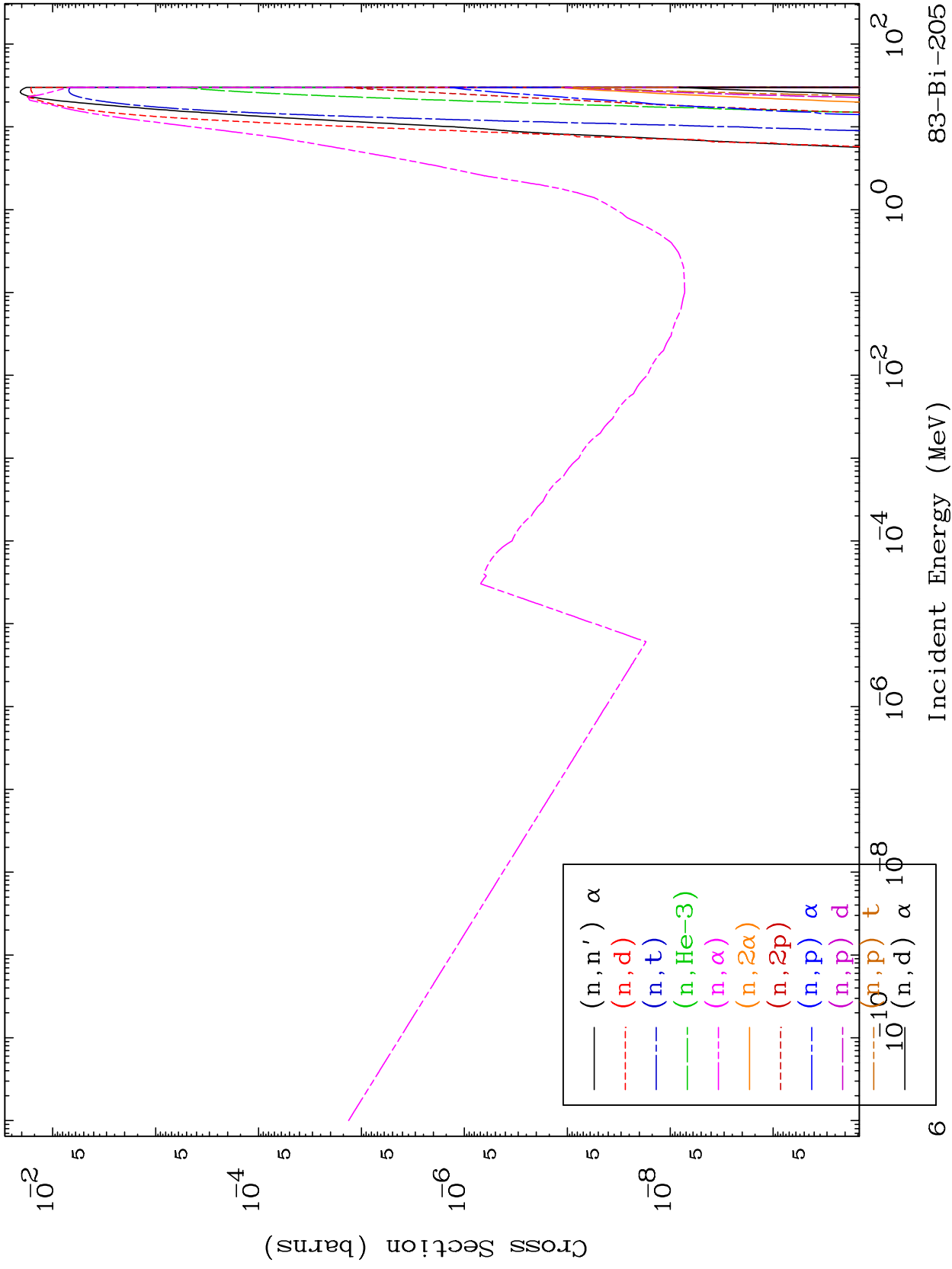
83-Bi-205



MAT 8313

Charged Particle
293 Kelvin Cross Sections

83-Bi-205



83-Bi-205

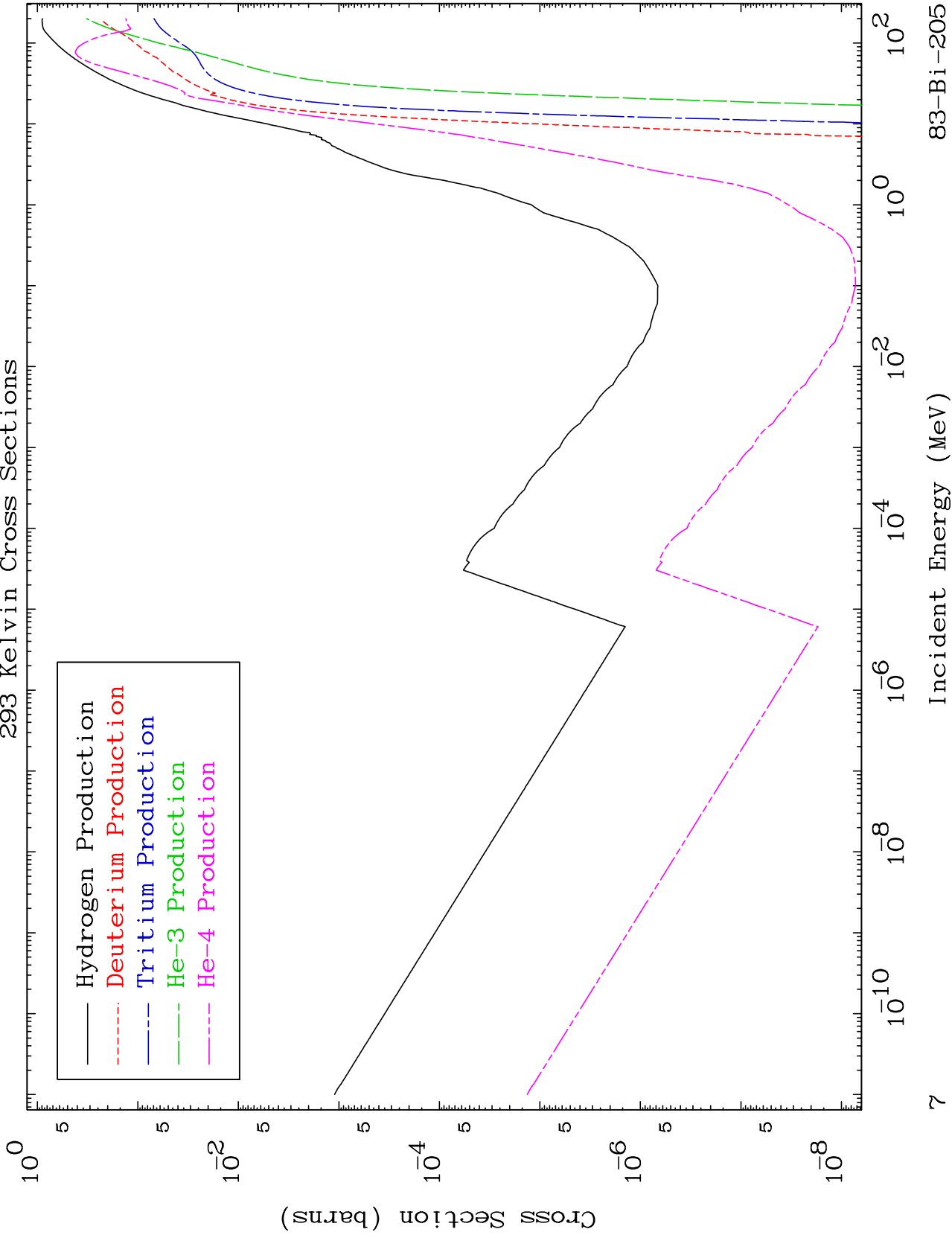
Incident Energy (MeV)

6

MAT 8313

Particle Production
293 Kelvin Cross Sections

83-Bi-205

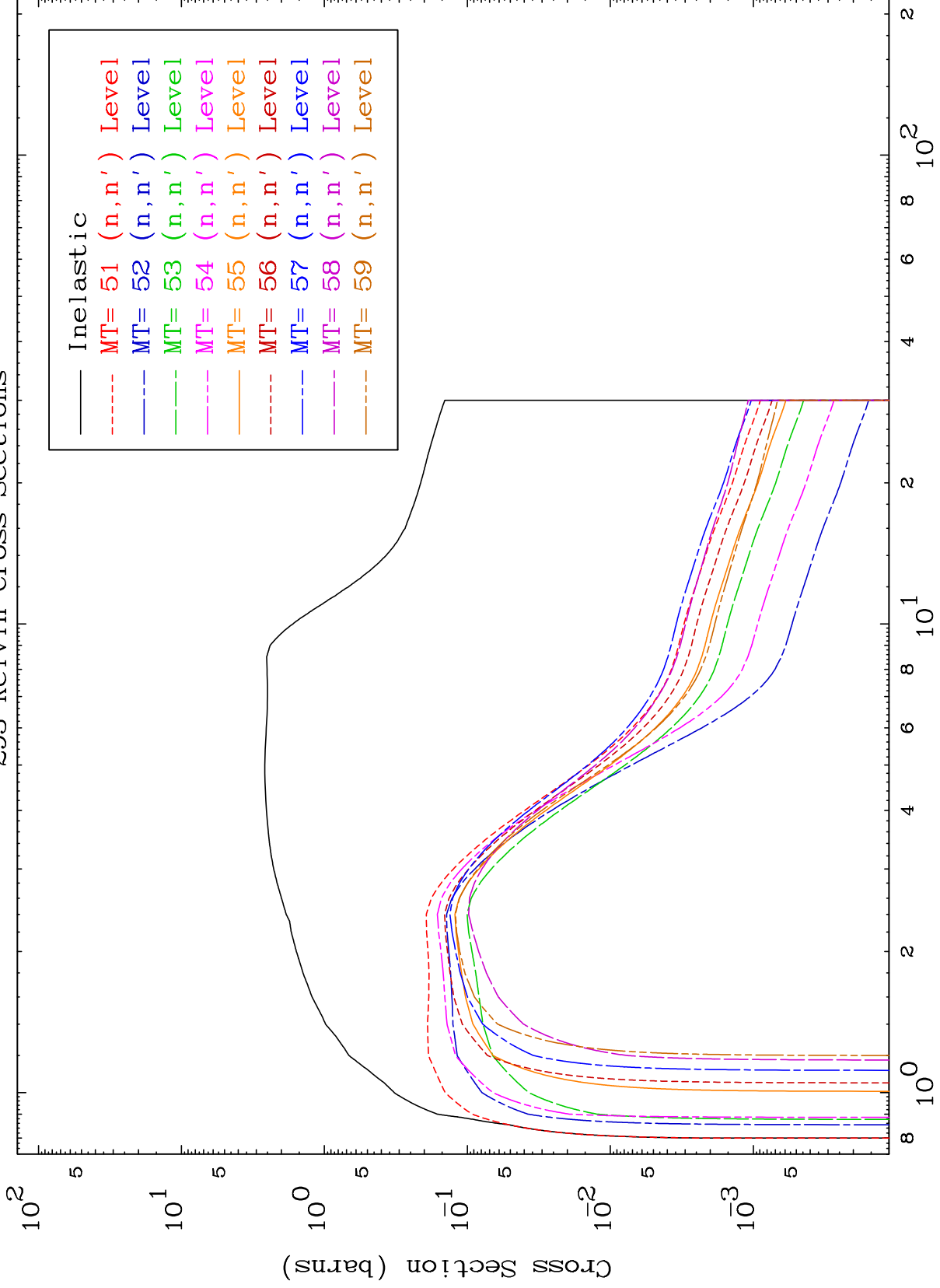


MAT 8313

(n,n') Levels

83-Bi-205

293 Kelvin Cross Sections



Incident Energy (MeV)

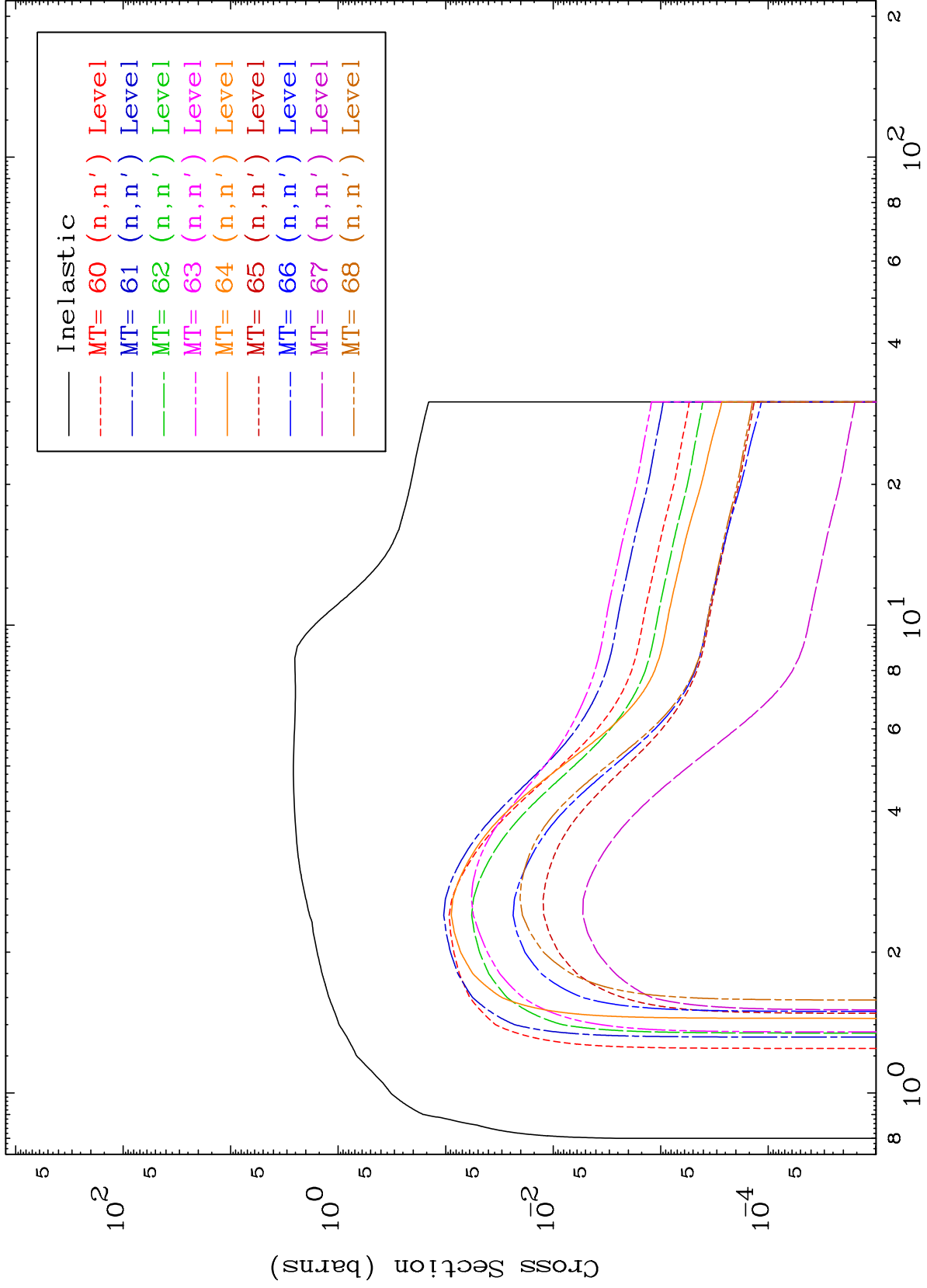
83-Bi-205

MAT 8313

(n,n') Levels

83-Bi-205

293 Kelvin Cross Sections



9

Incident Energy (MeV)

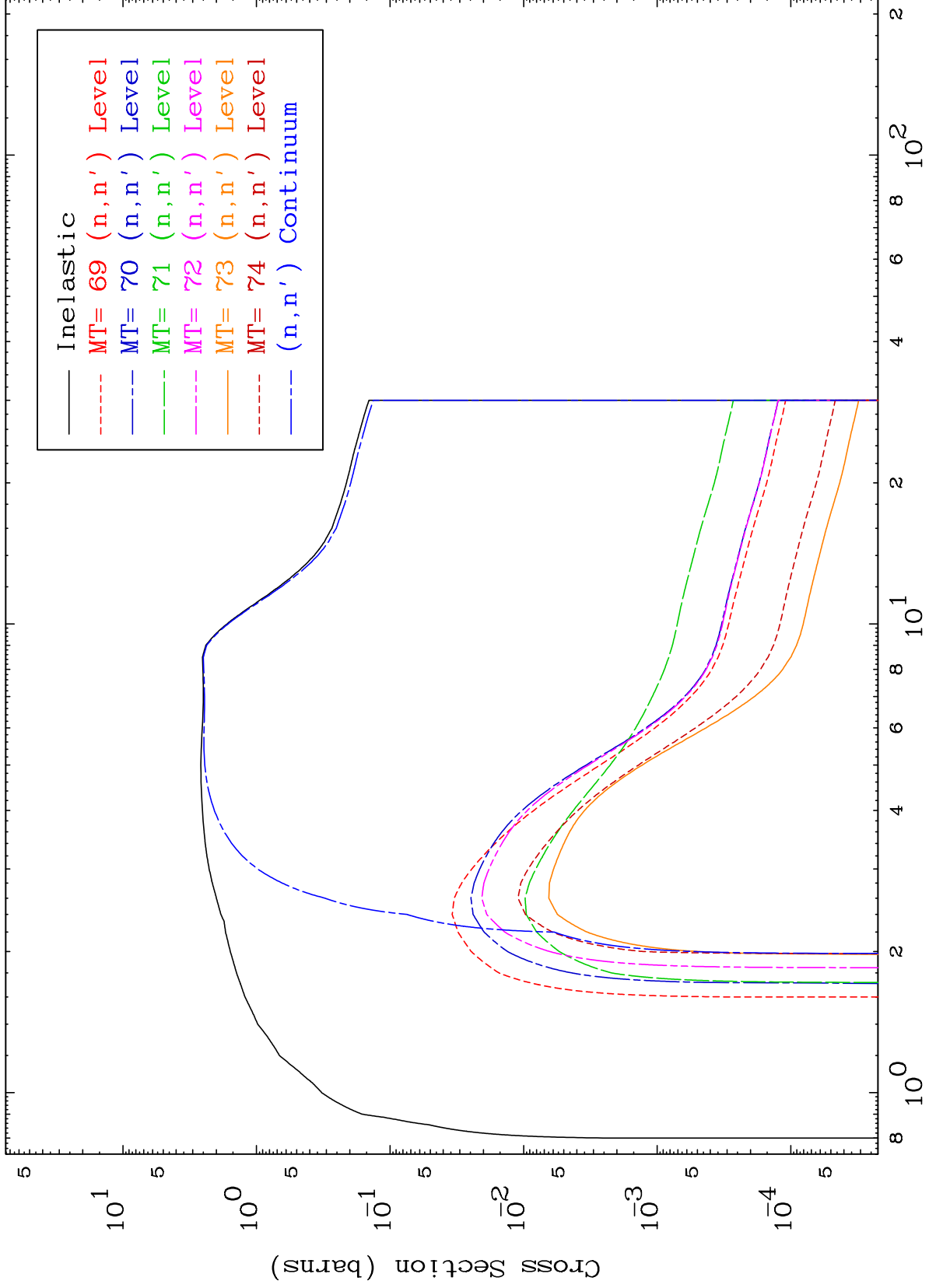
83-Bi-205

MAT 8313

(n,n') Levels

83-Bi-205

293 Kelvin Cross Sections



10

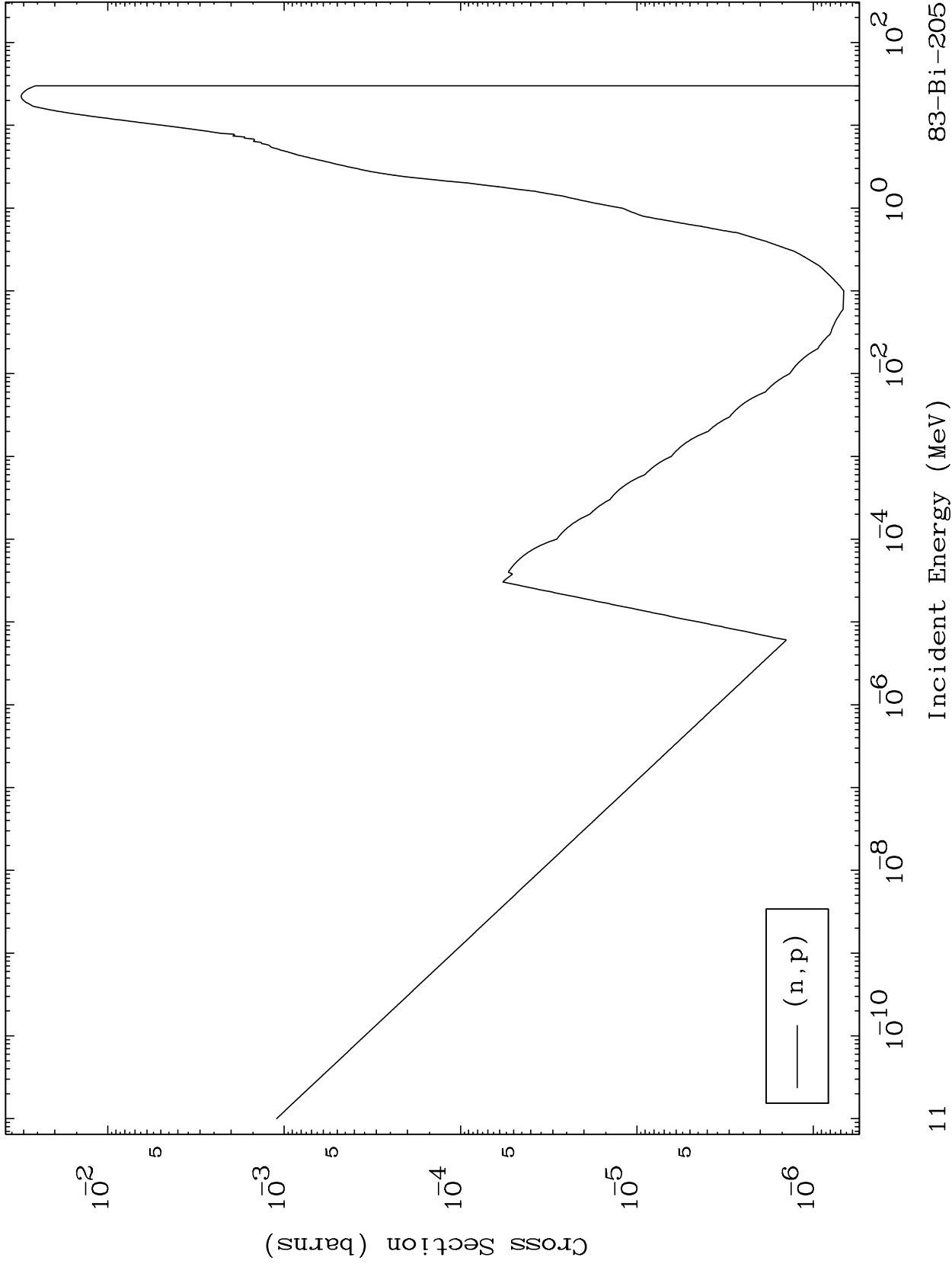
Incident Energy (MeV)

83-Bi-205

MAT 8313

(n,p) Levels
293 Kelvin Cross Sections

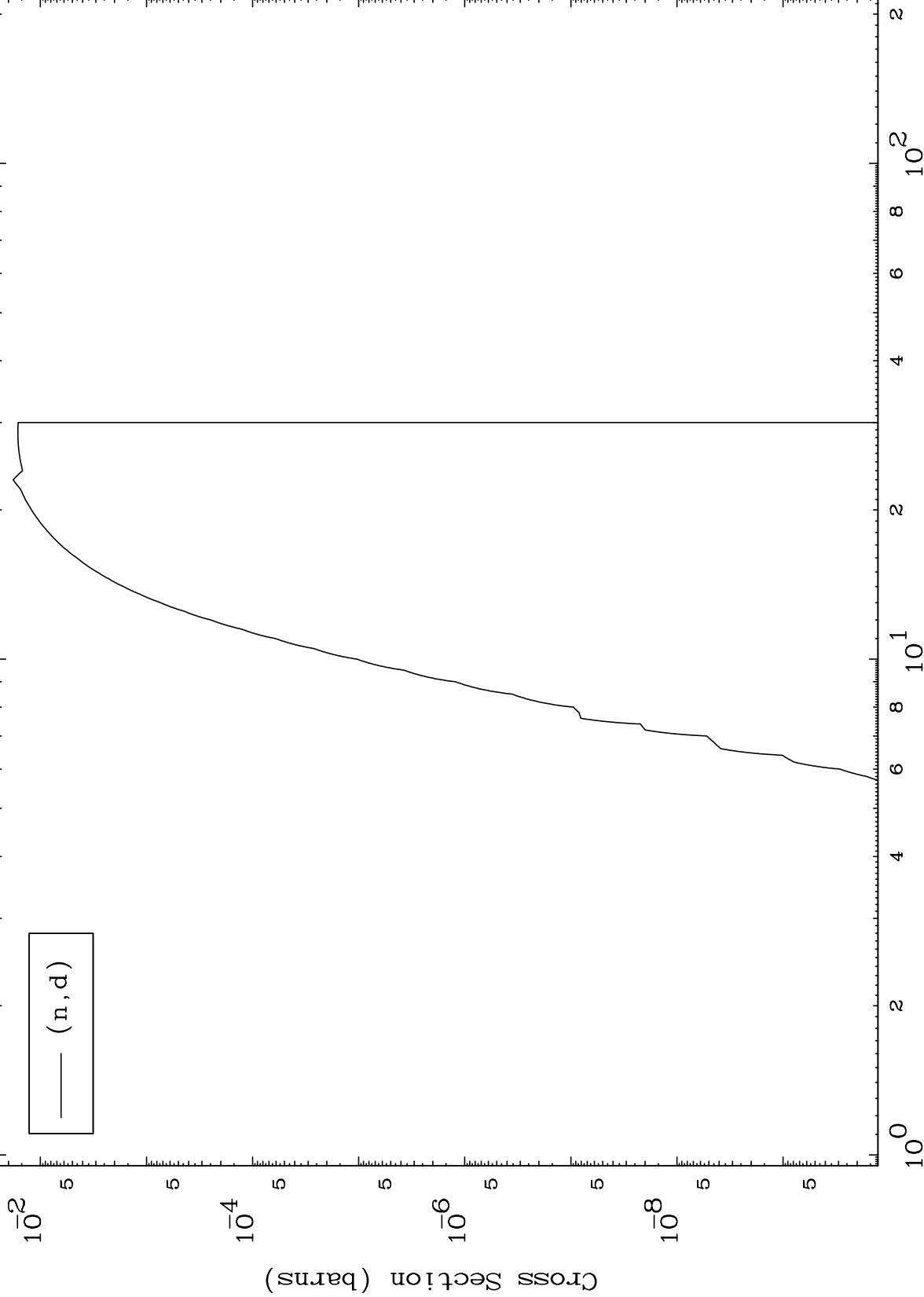
83-Bi-205



MAT 8313

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-205



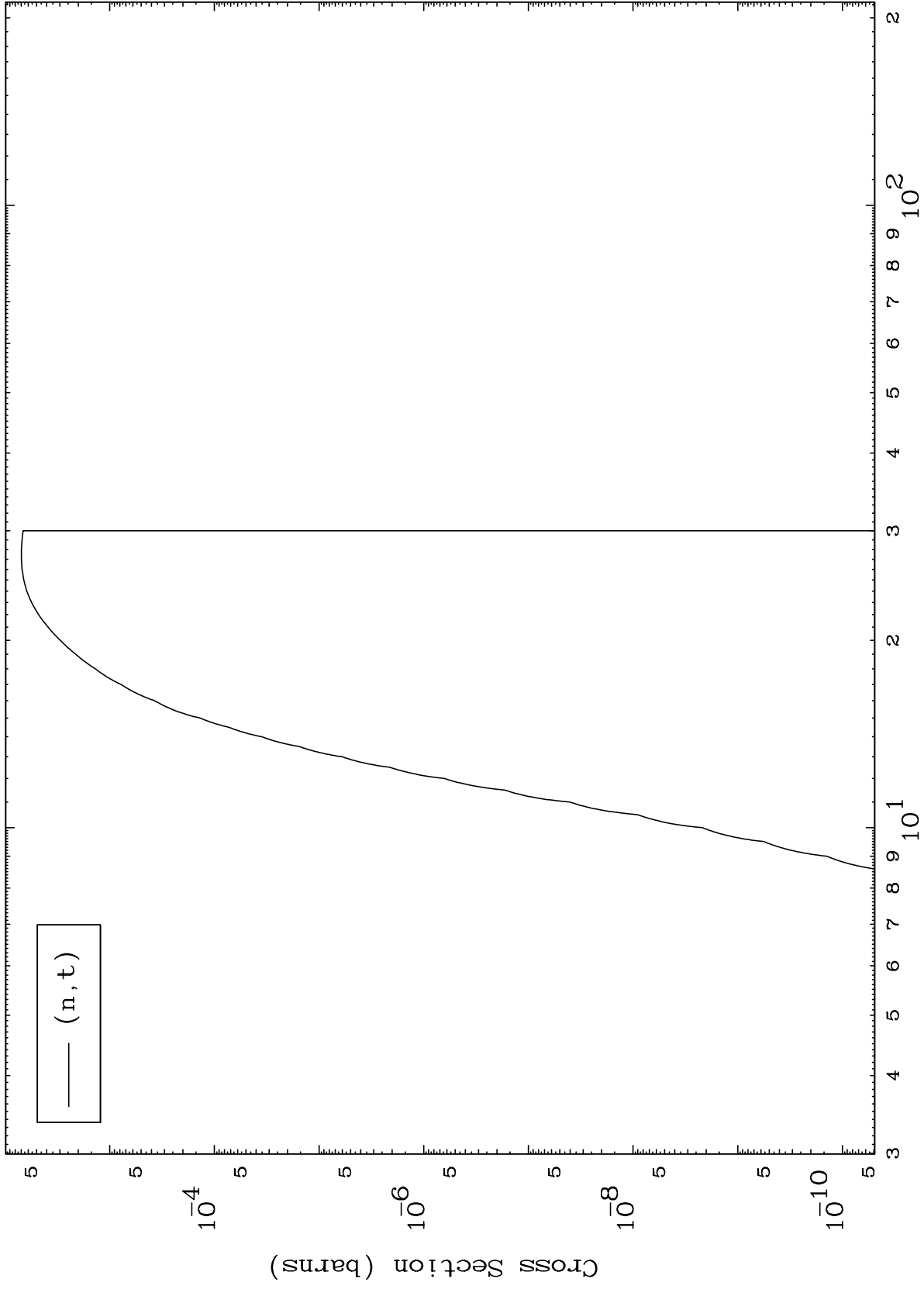
Incident Energy (MeV)

83-Bi-205

MAT 8313

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-205



(n,t)

Incident Energy (MeV)

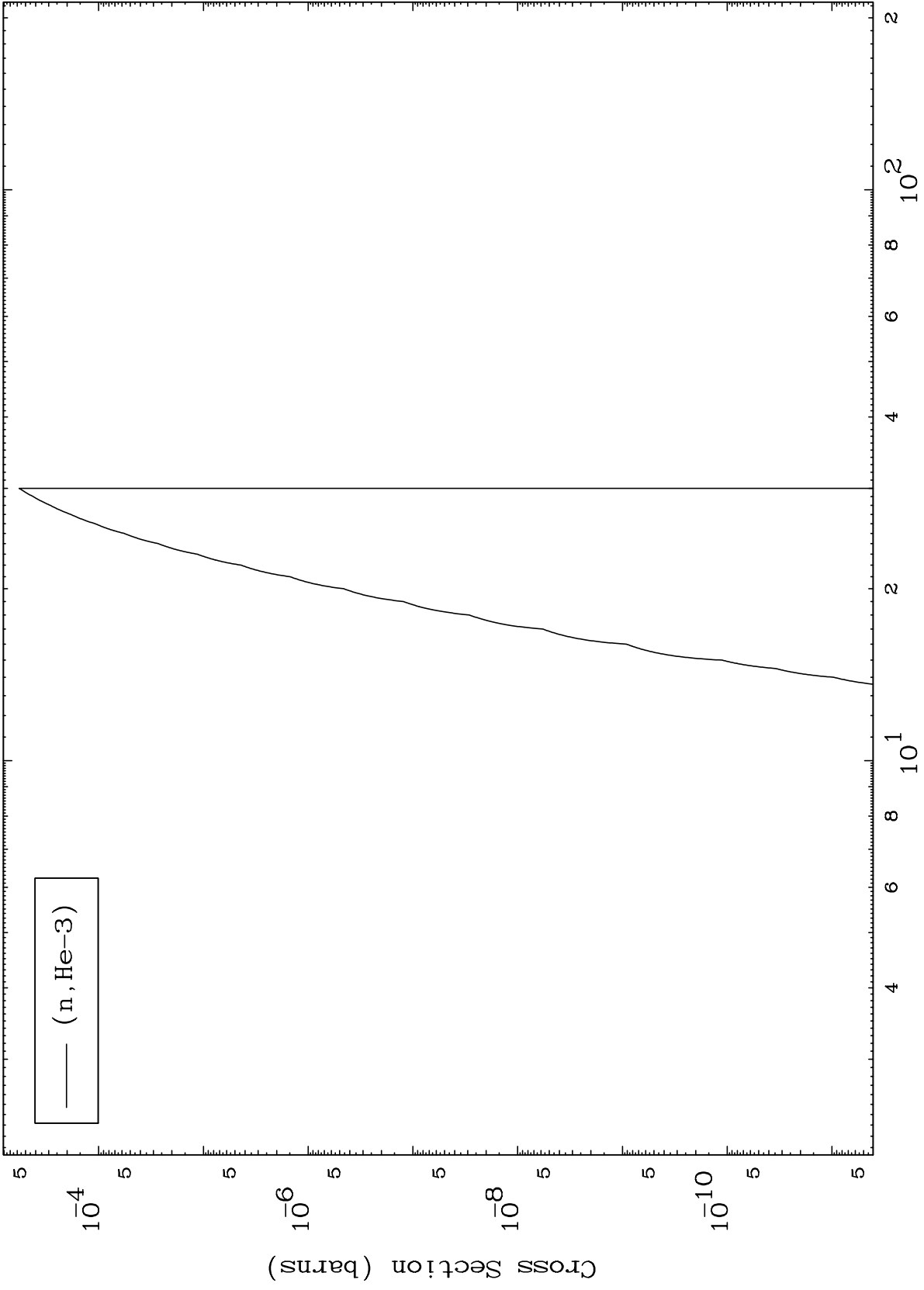
83-Bi-205

13

MAT 8313

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-205



14

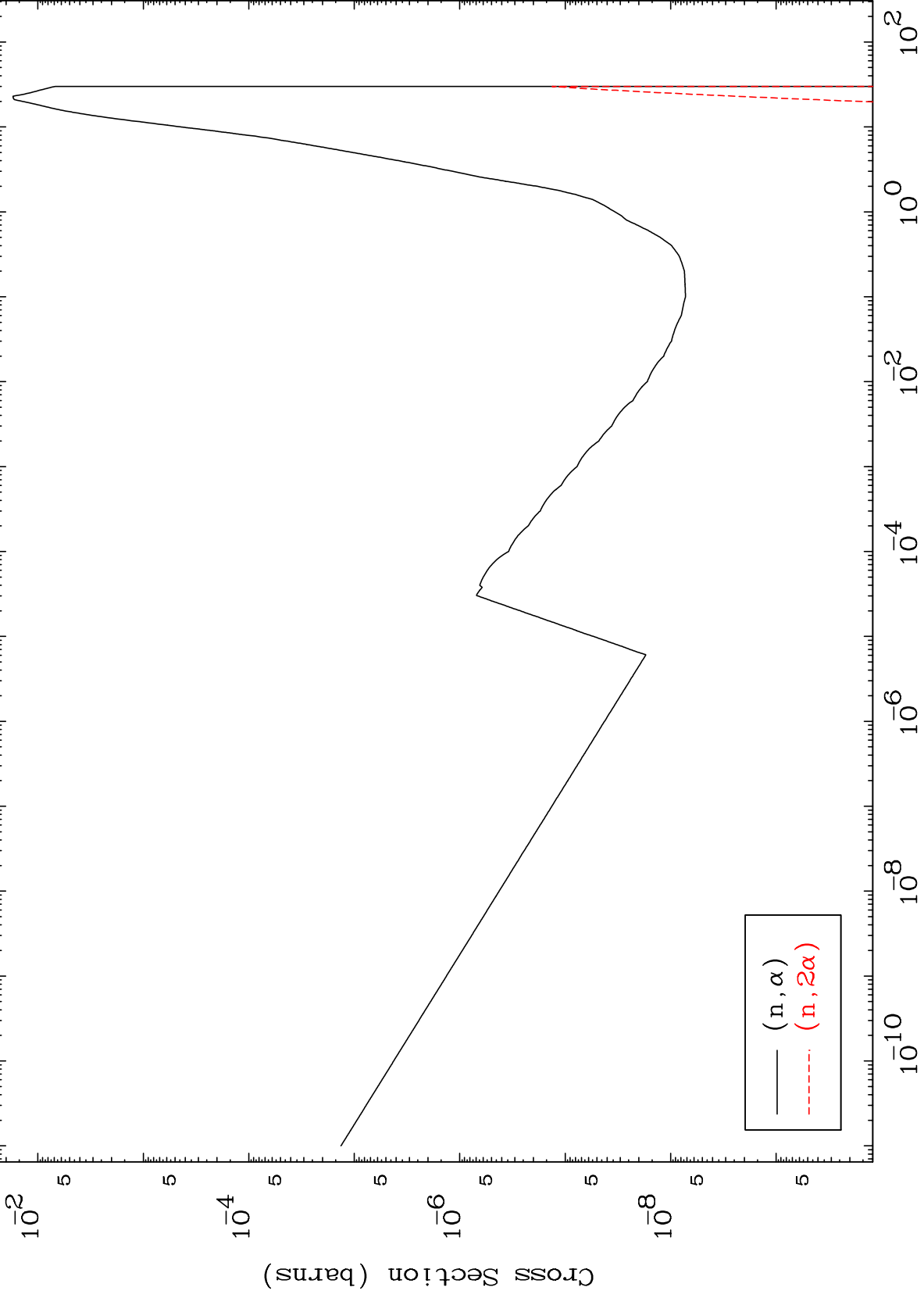
Incident Energy (MeV)

83-Bi-205

MAT 8313

(n, α) Levels
293 Kelvin Cross Sections

83-Bi-205



15

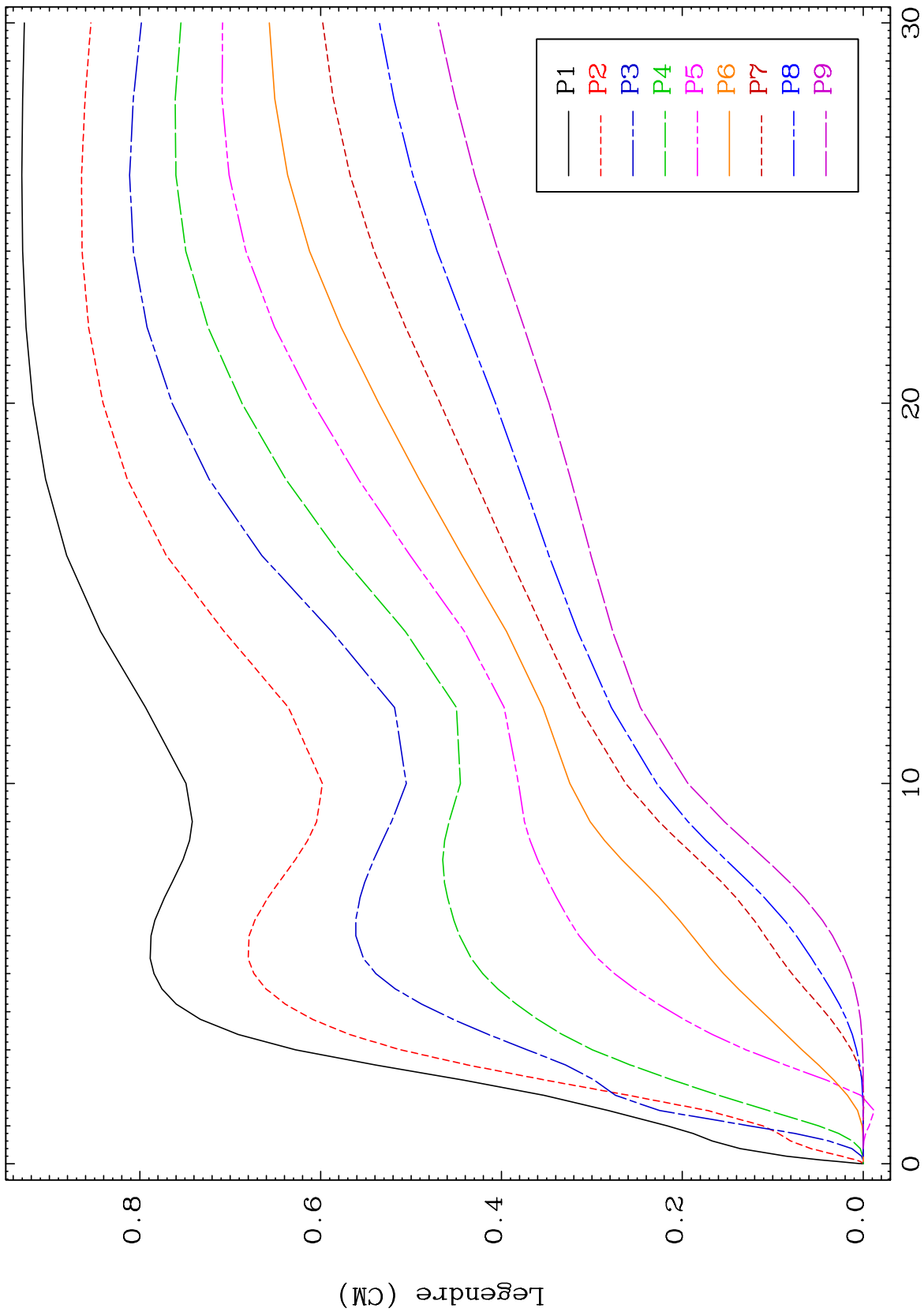
Incident Energy (MeV)

83-Bi-205

MAT 8313

83-Bi-205

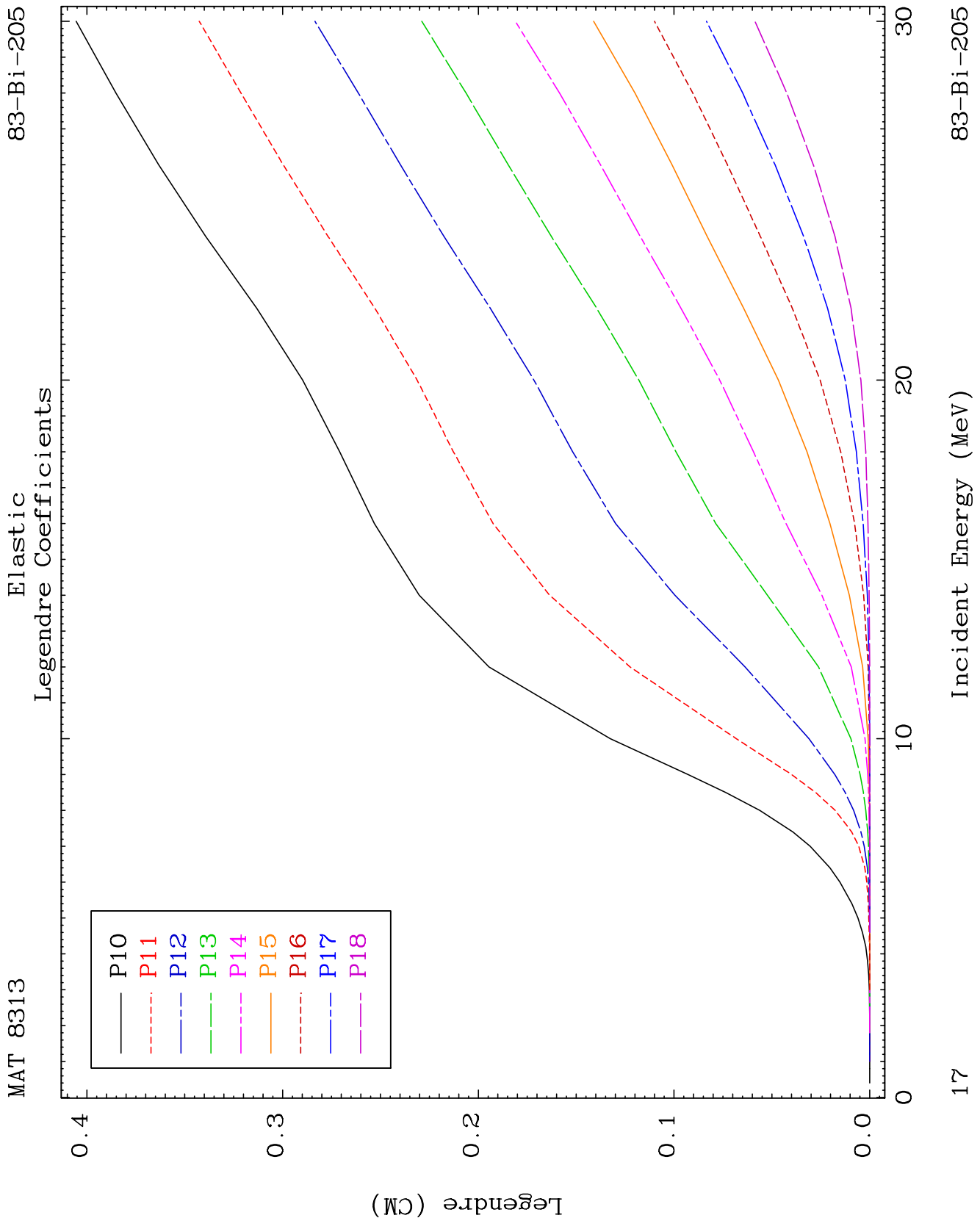
Elastic Legendre Coefficients



83-Bi-205

Incident Energy (MeV)

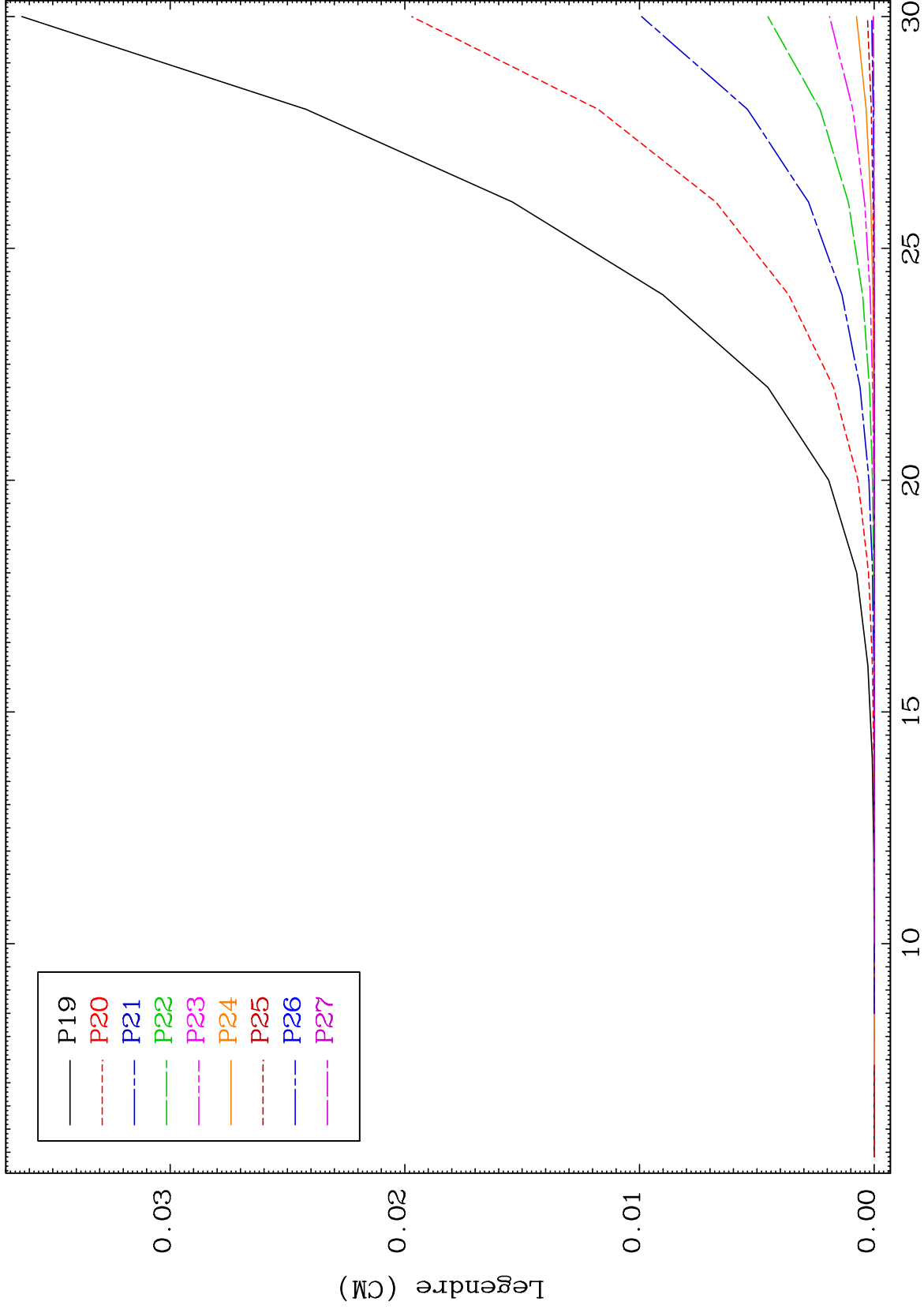
16



MAT 8313

Elastic Legendre Coefficients

83-Bi-205



18

Incident Energy (MeV)

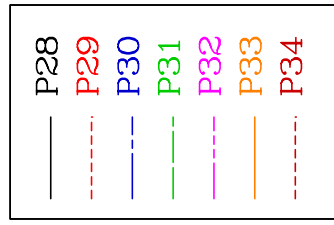
83-Bi-205

30

MAT 8313

Elastic Legendre Coefficients

83-Bi-205



$\times 10^{-5}$

1.2

1.0

0.8

0.6

0.4

0.2

0.0

Legendre (CM)

15

20

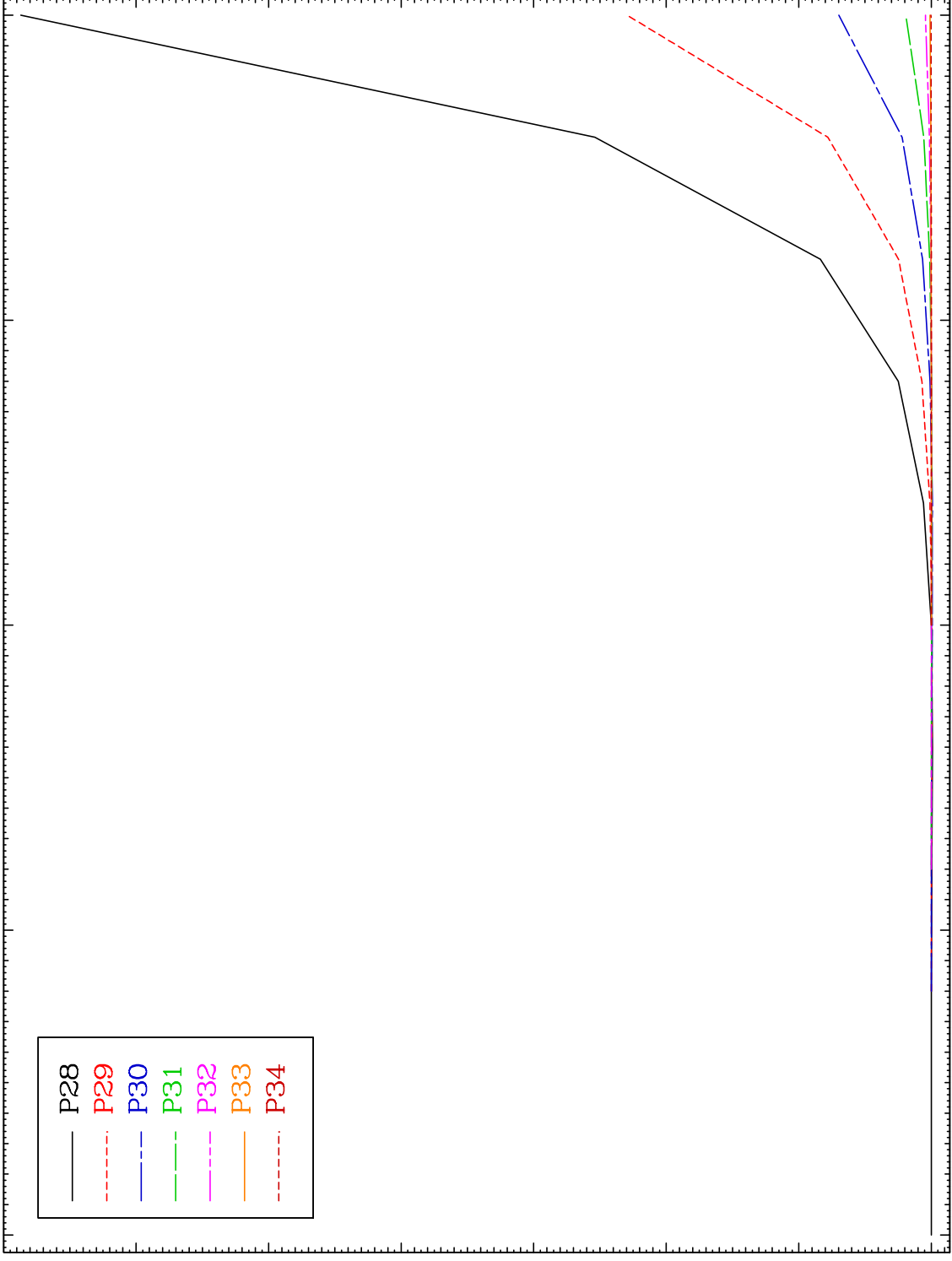
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30

19

Incident Energy (MeV)

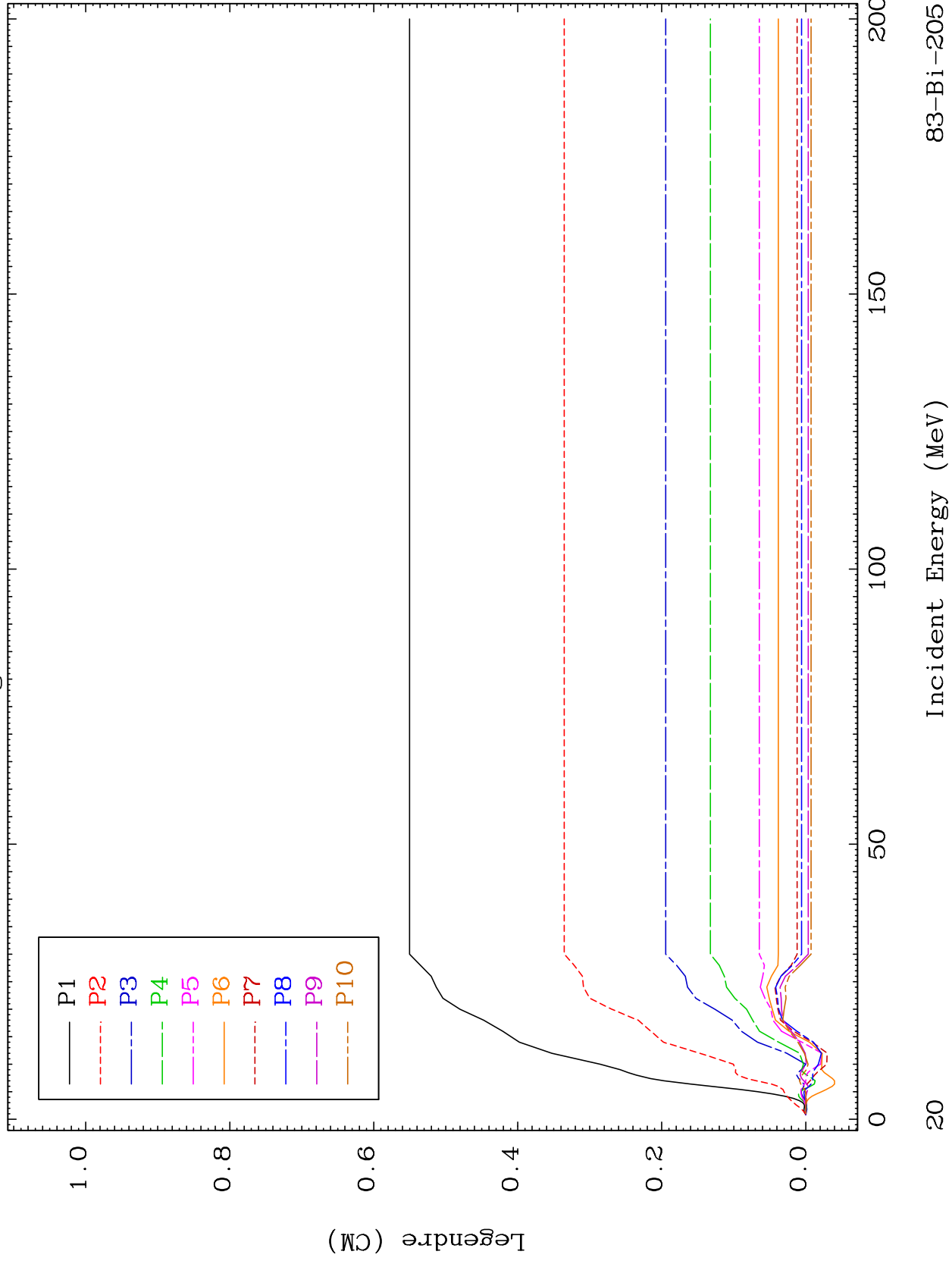
83-Bi-205



MAT 8313

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

83-Bi-205



83-Bi-205

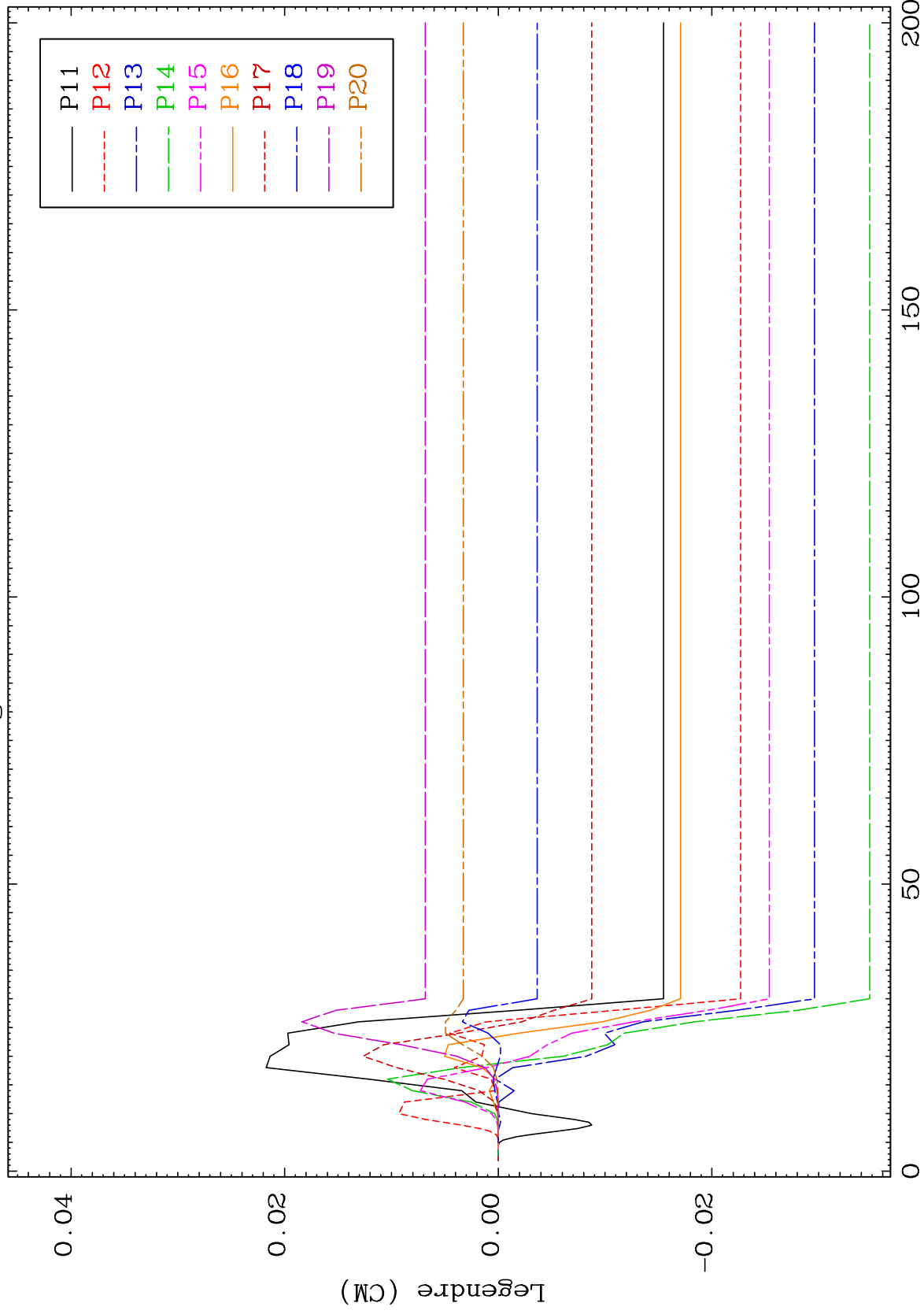
Incident Energy (MeV)

20

MAT 8313

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

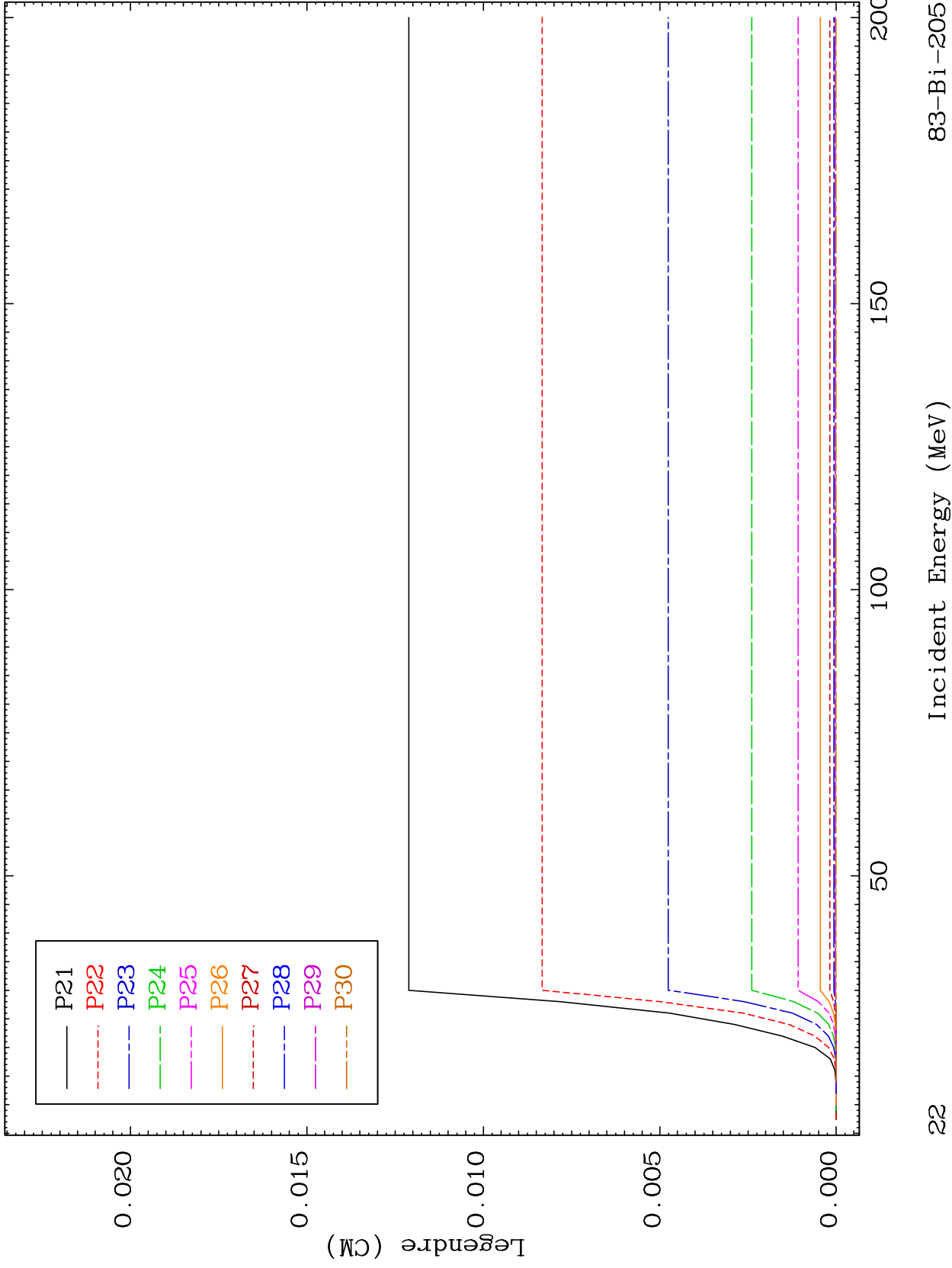
83-Bi-205



21

Incident Energy (MeV)

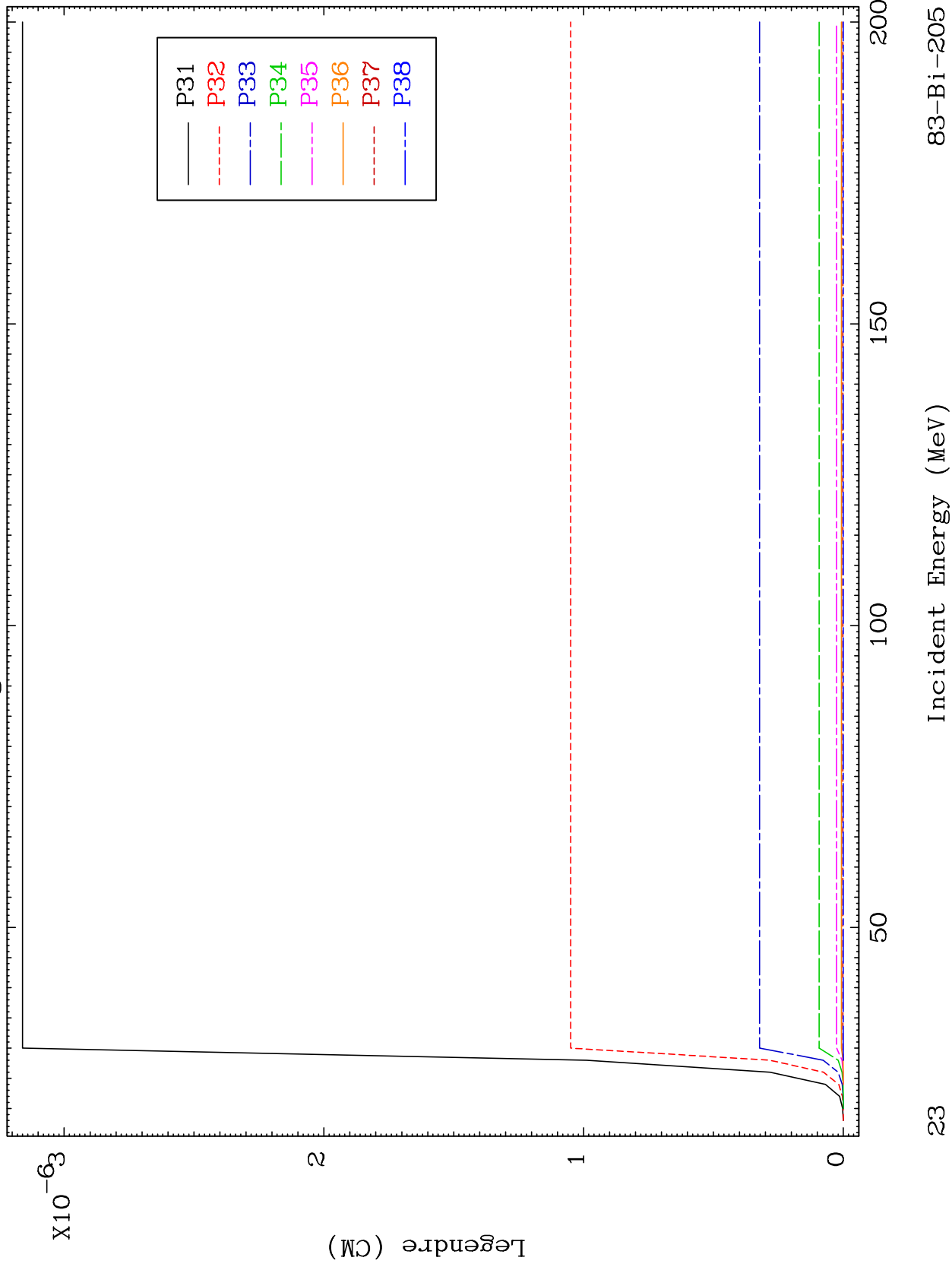
83-Bi-205



MAT 8313

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

83-Bi-205

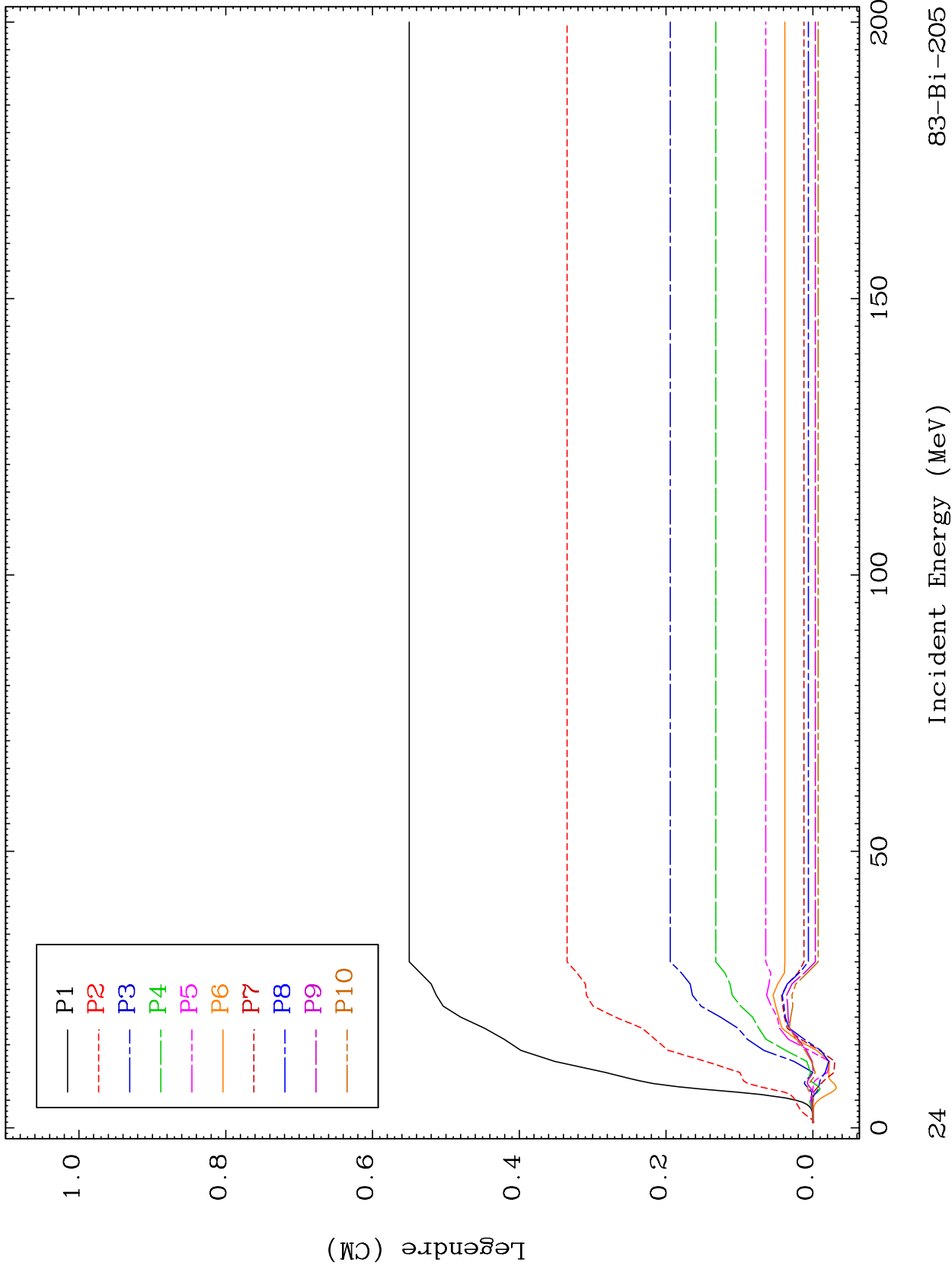


23

MAT 8313

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

83-Bi-205

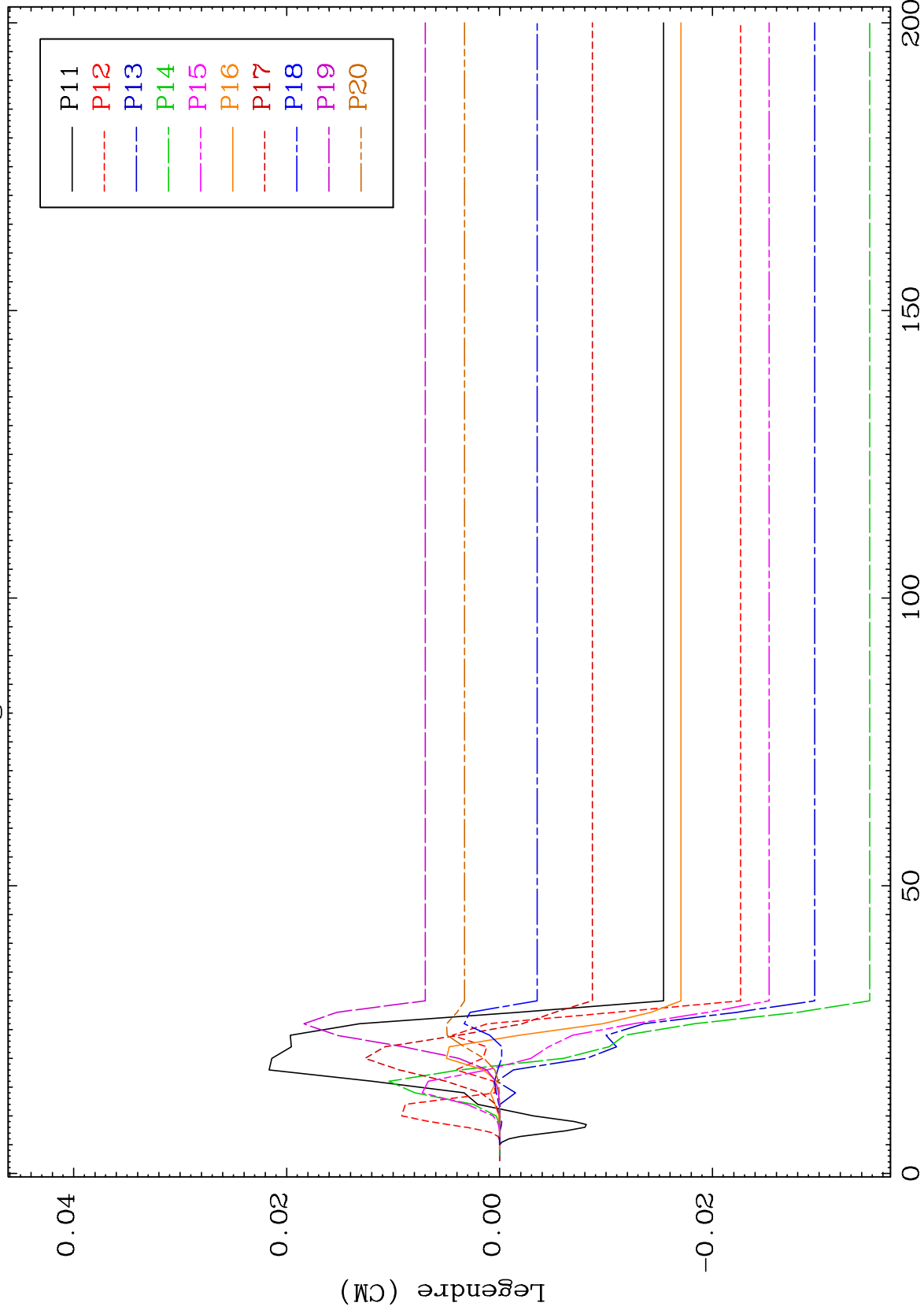


24

MAT 8313

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

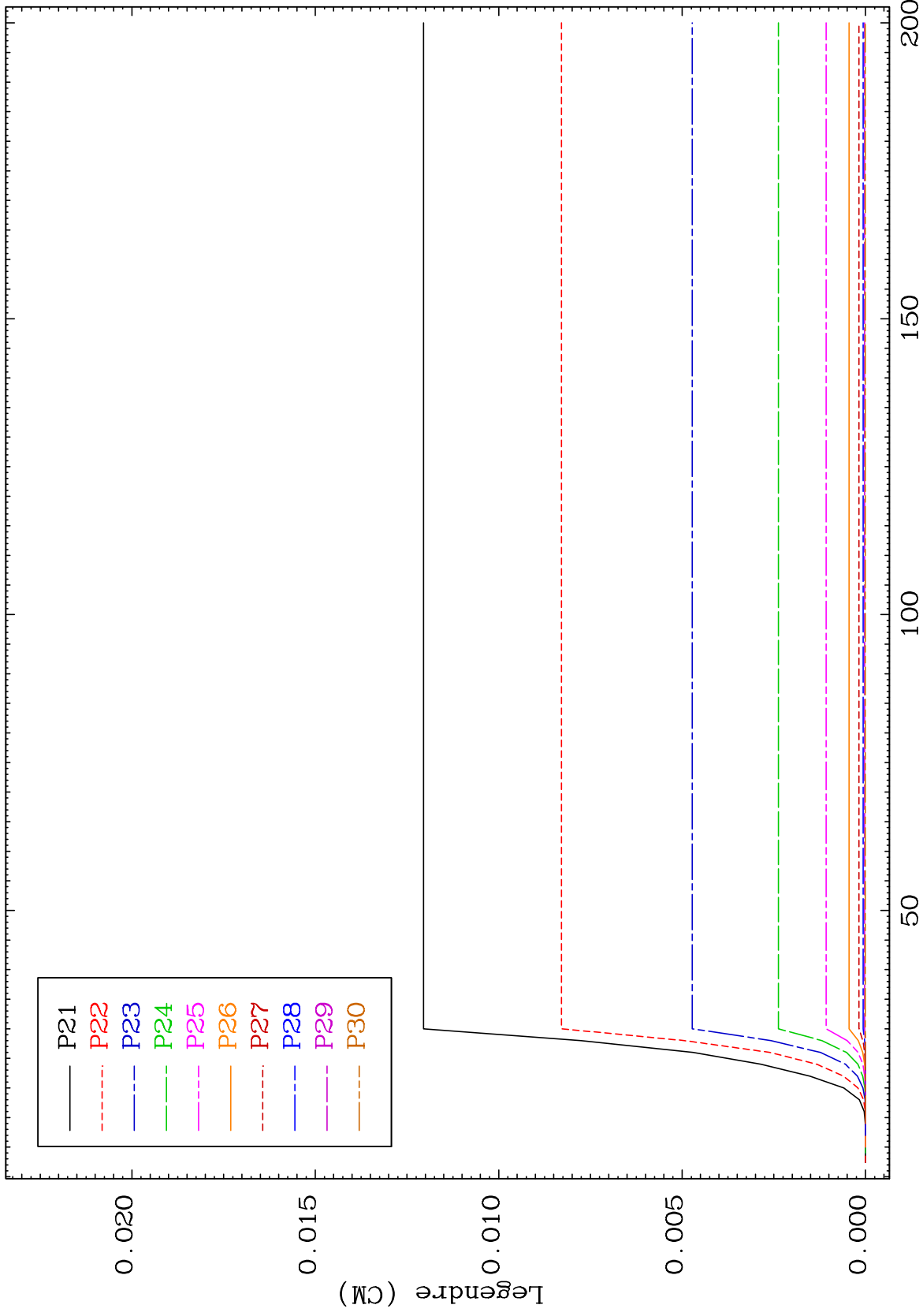
83-Bi-205



83-Bi-205

Incident Energy (MeV)

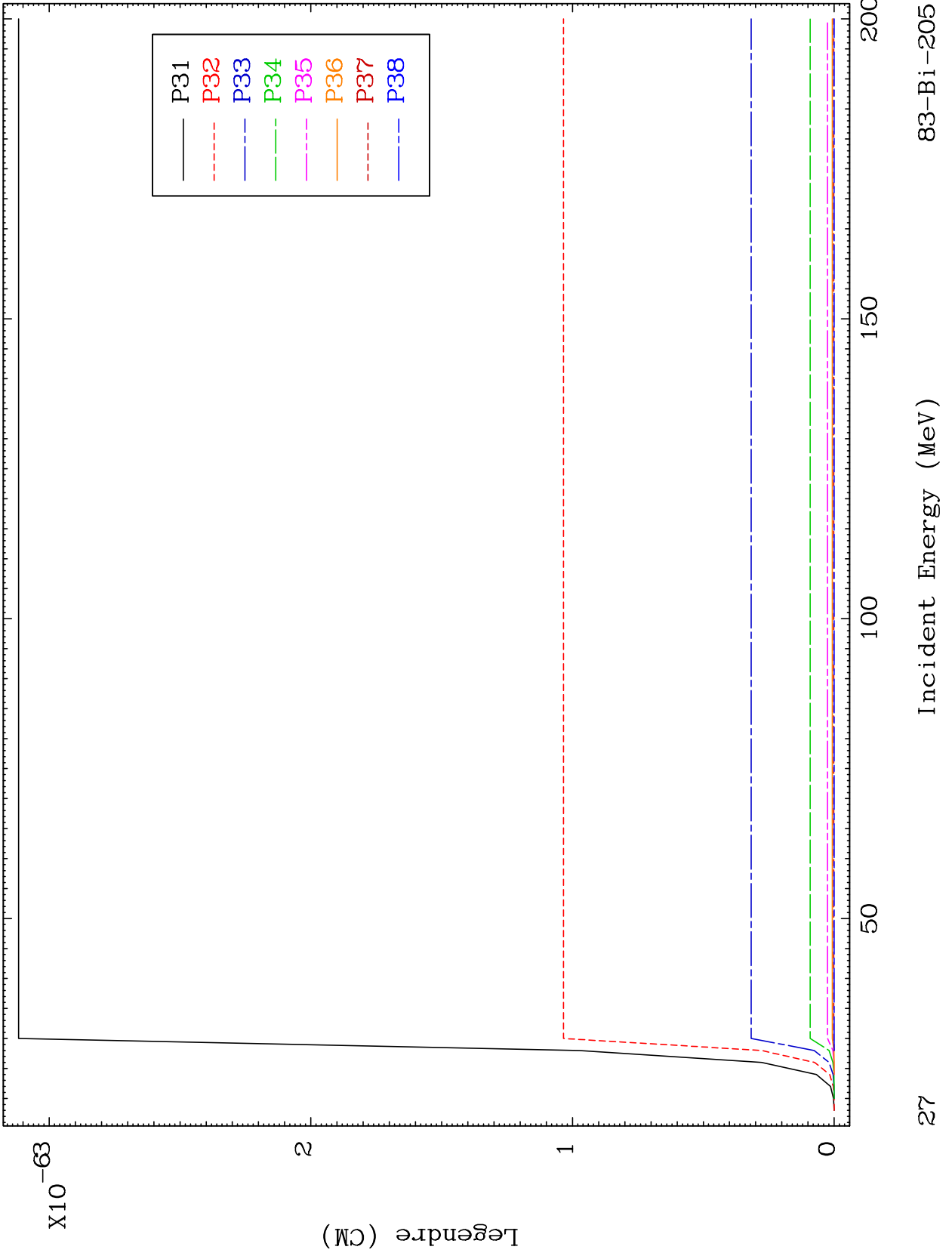
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MAT 8313

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

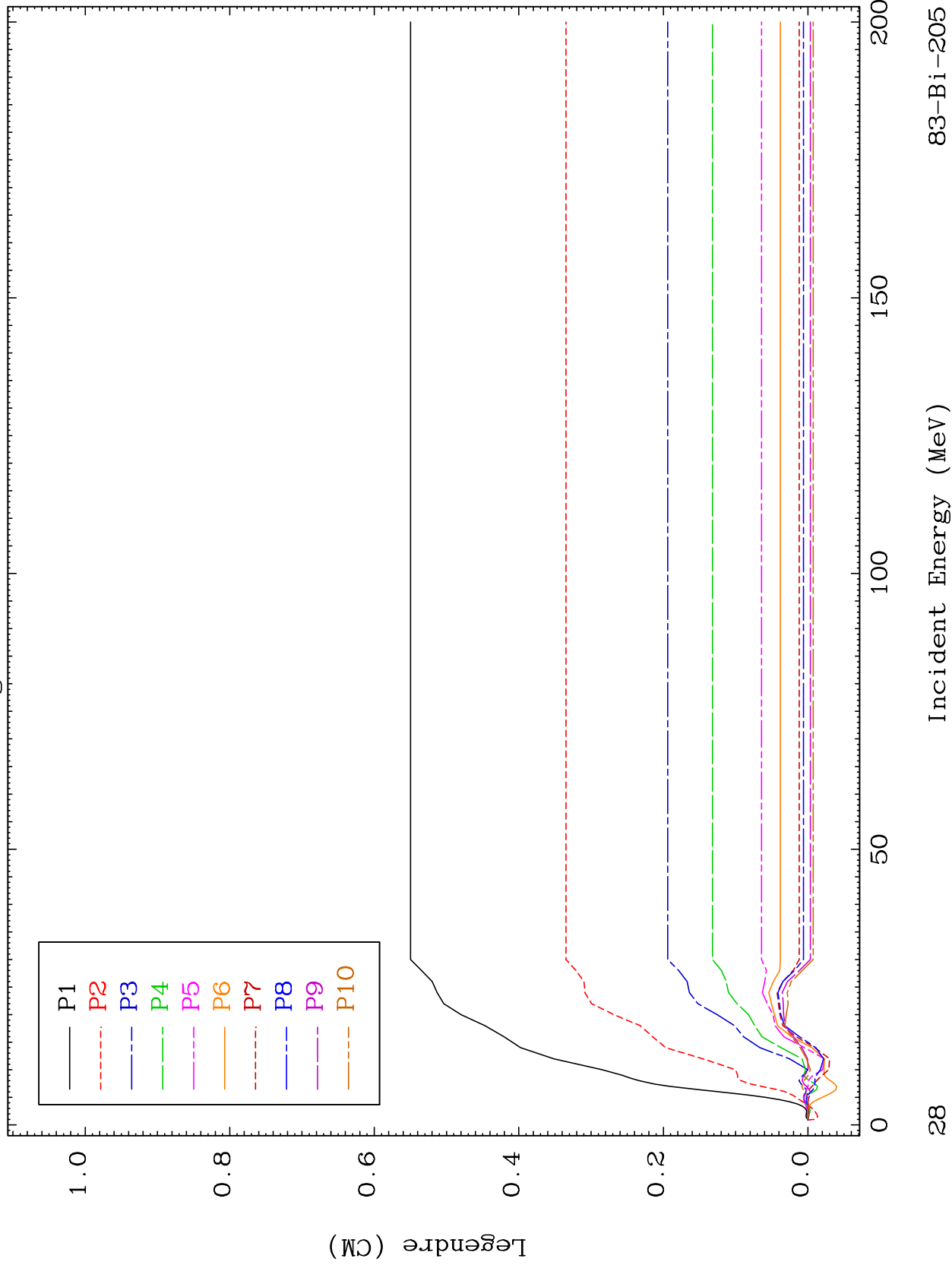
83-Bi-205



MAT 8313

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

83-Bi-205



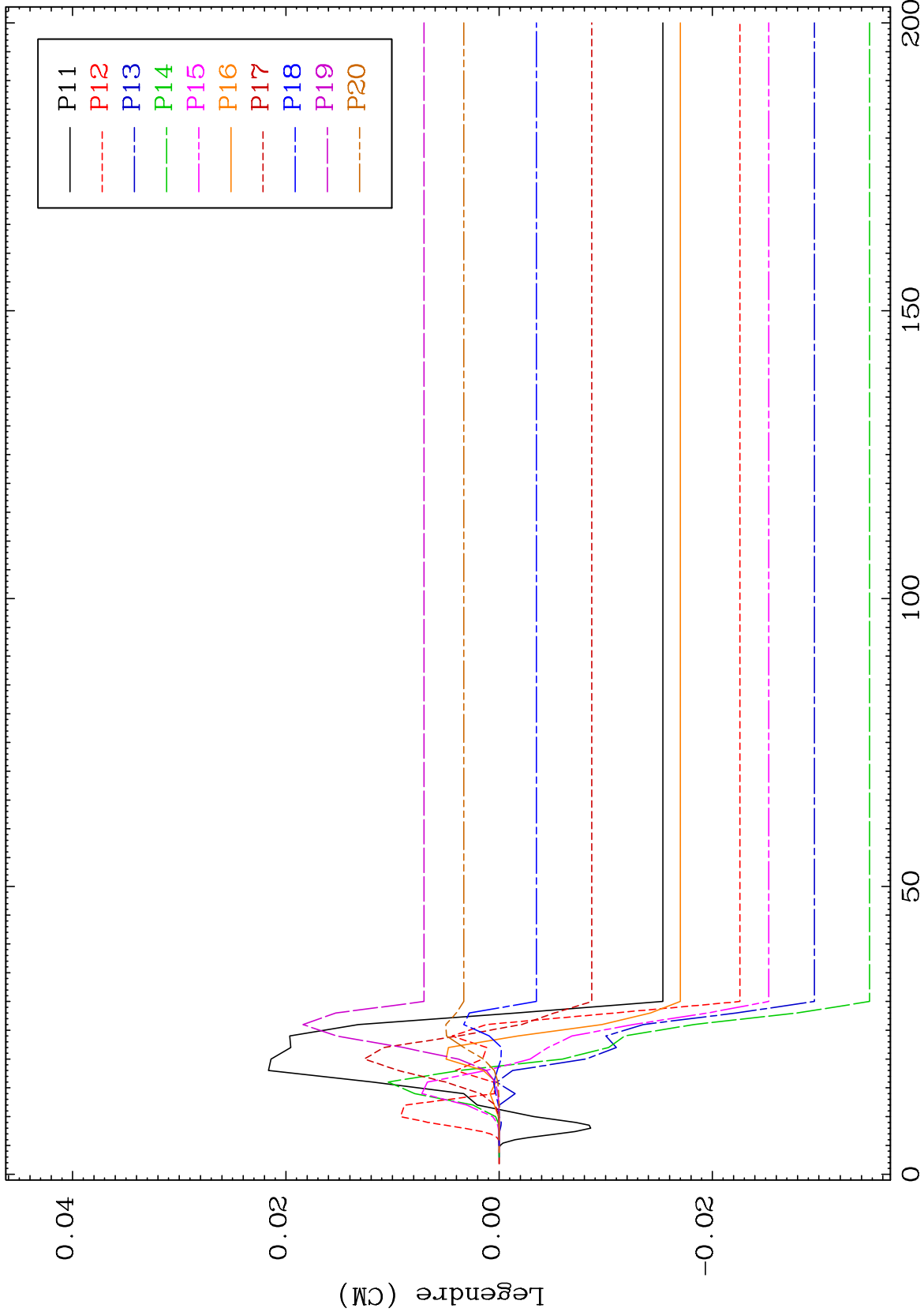
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83-Bi-205

MAT 8313

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

83-Bi-205



29

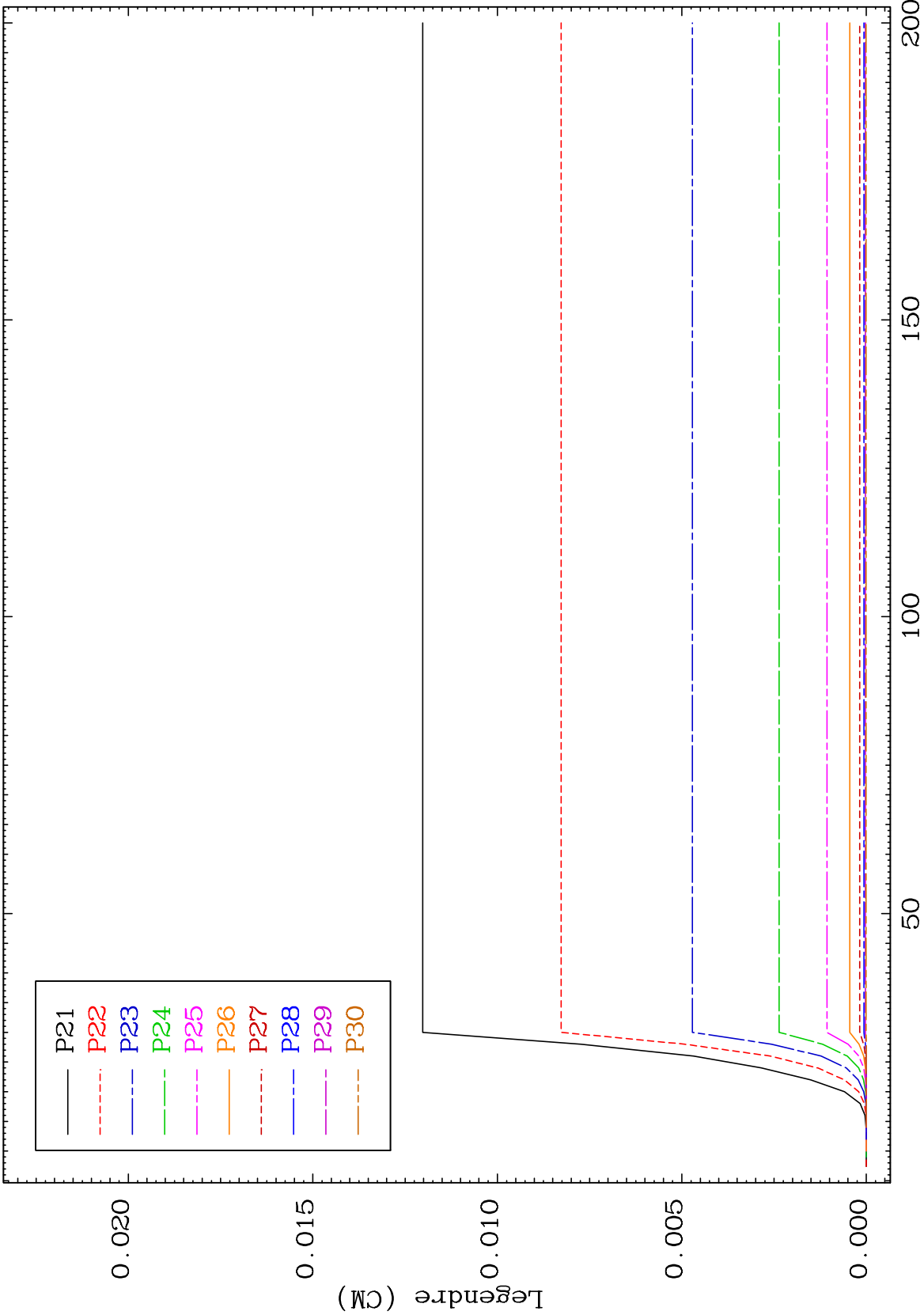
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



30

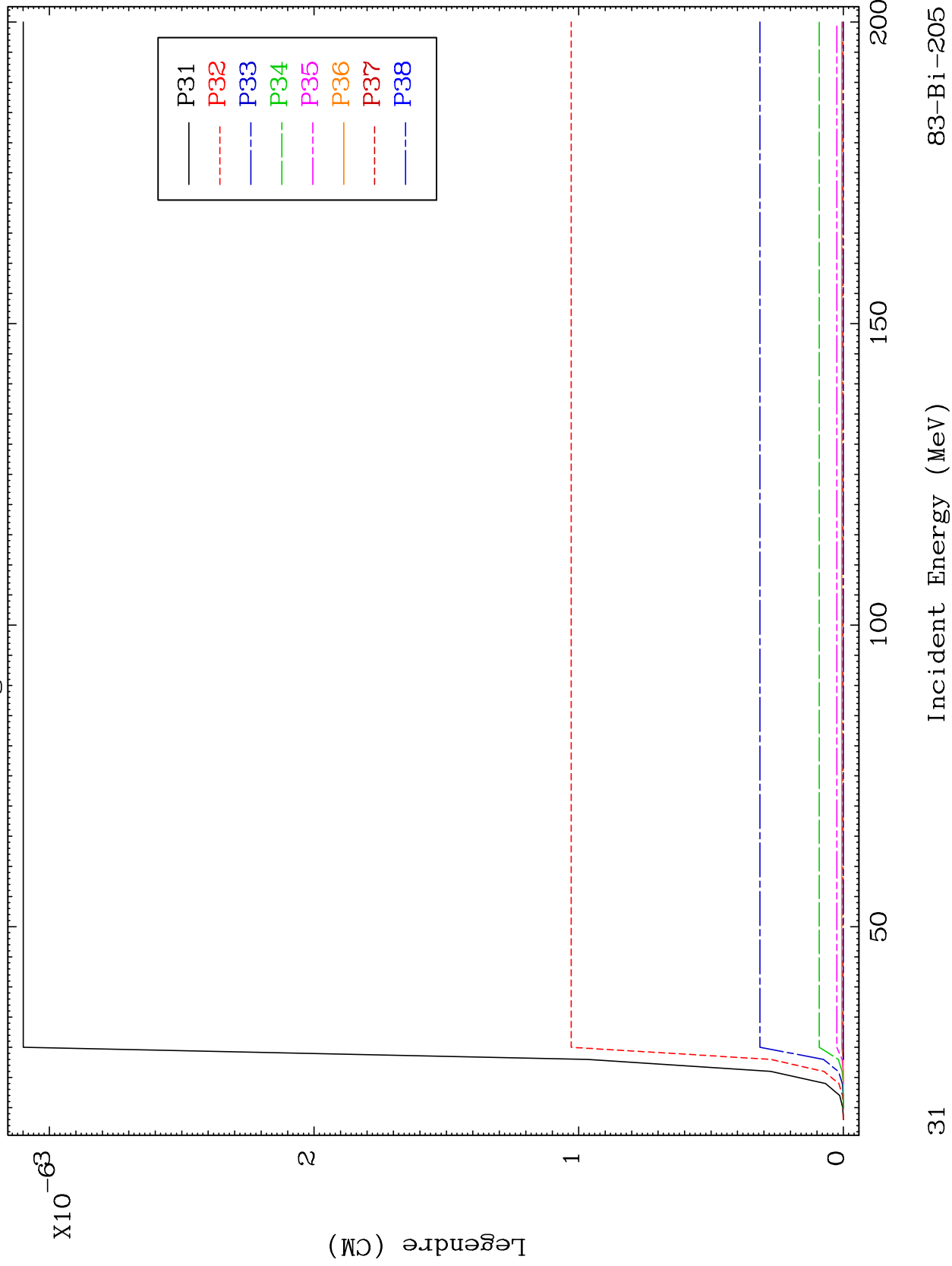
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

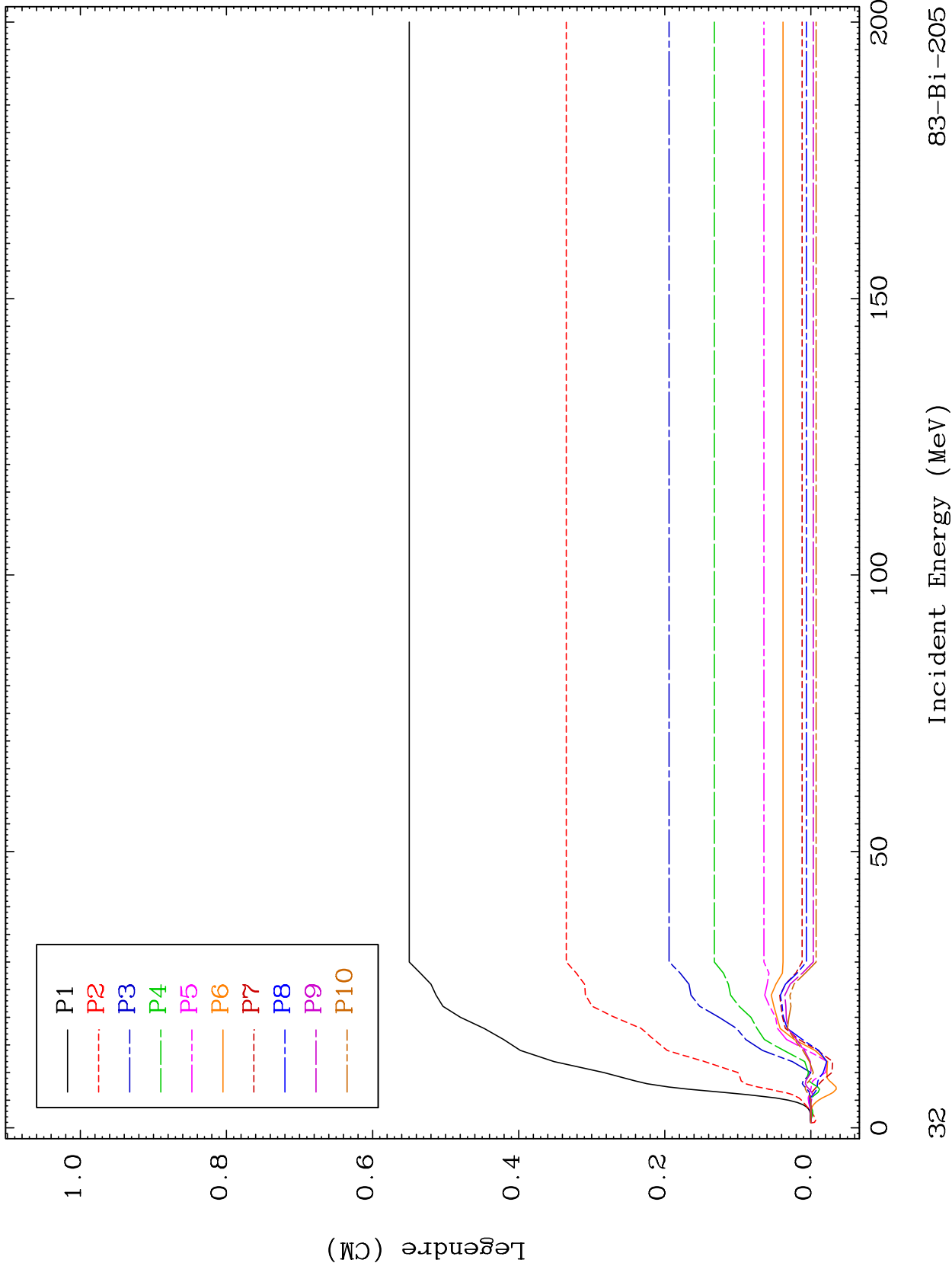
83-Bi-205



MAT 8313

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

83-Bi-205



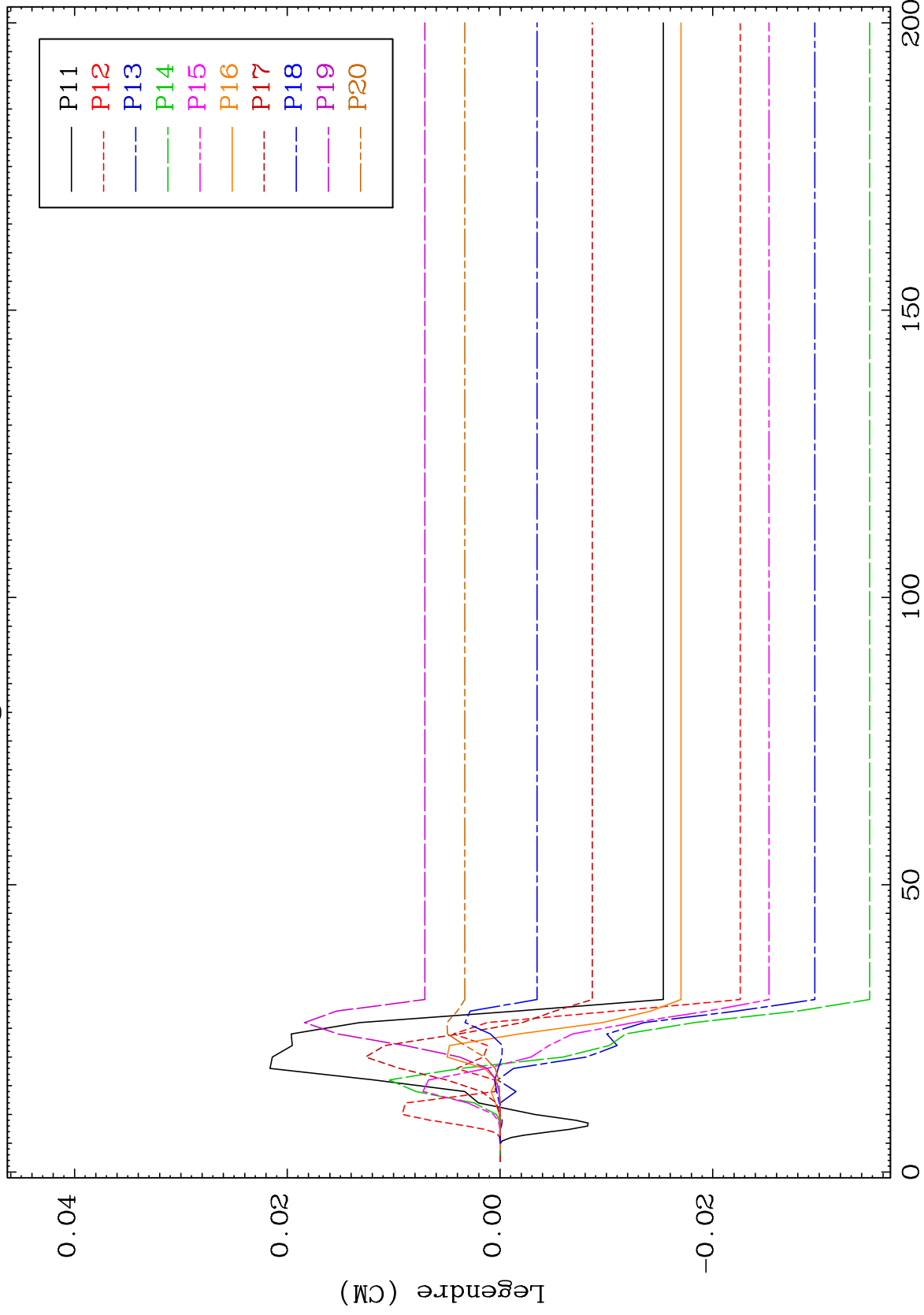
32

83-Bi-205

MAT 8313

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

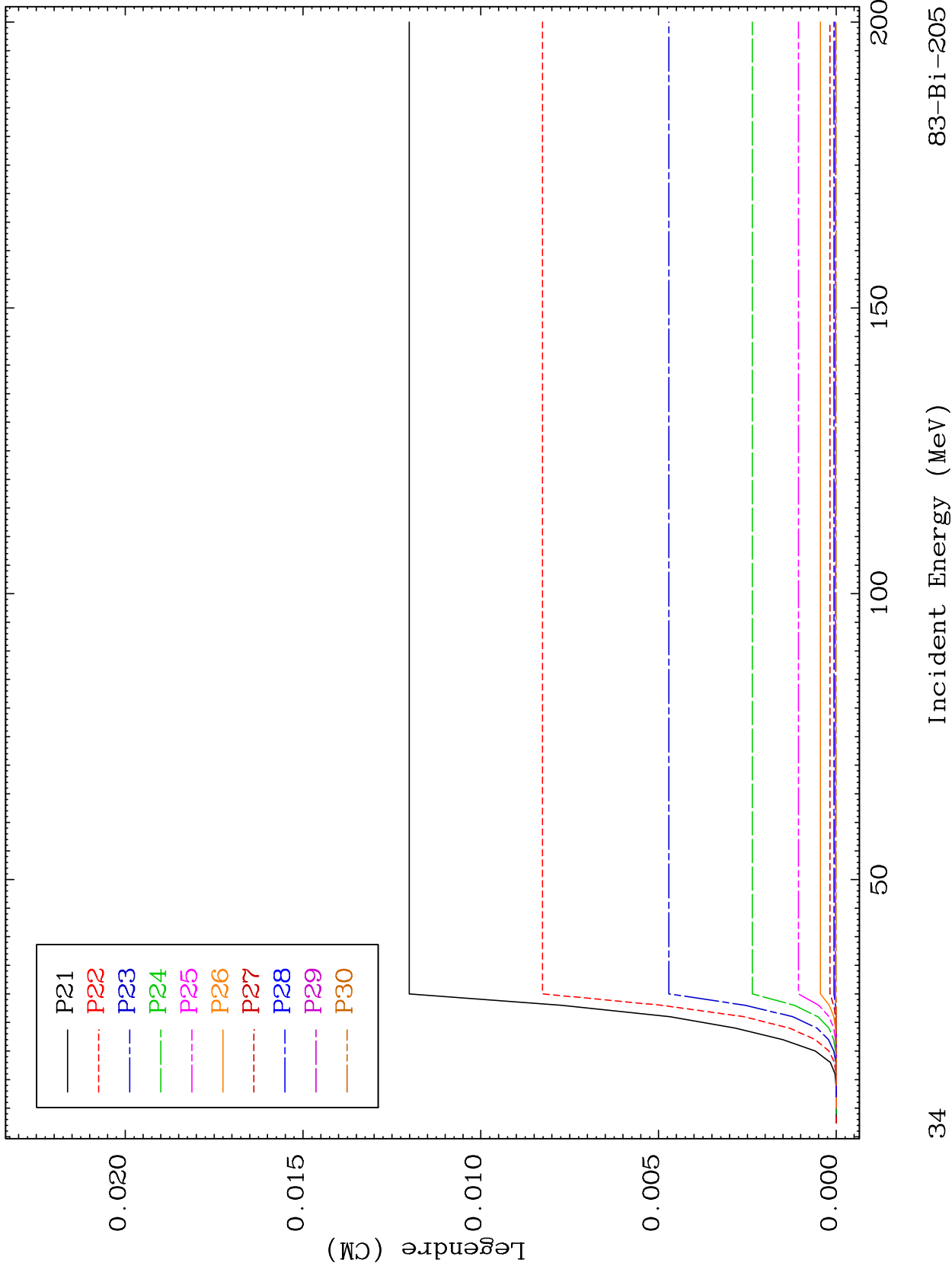
83-Bi-205



33

Incident Energy (MeV)

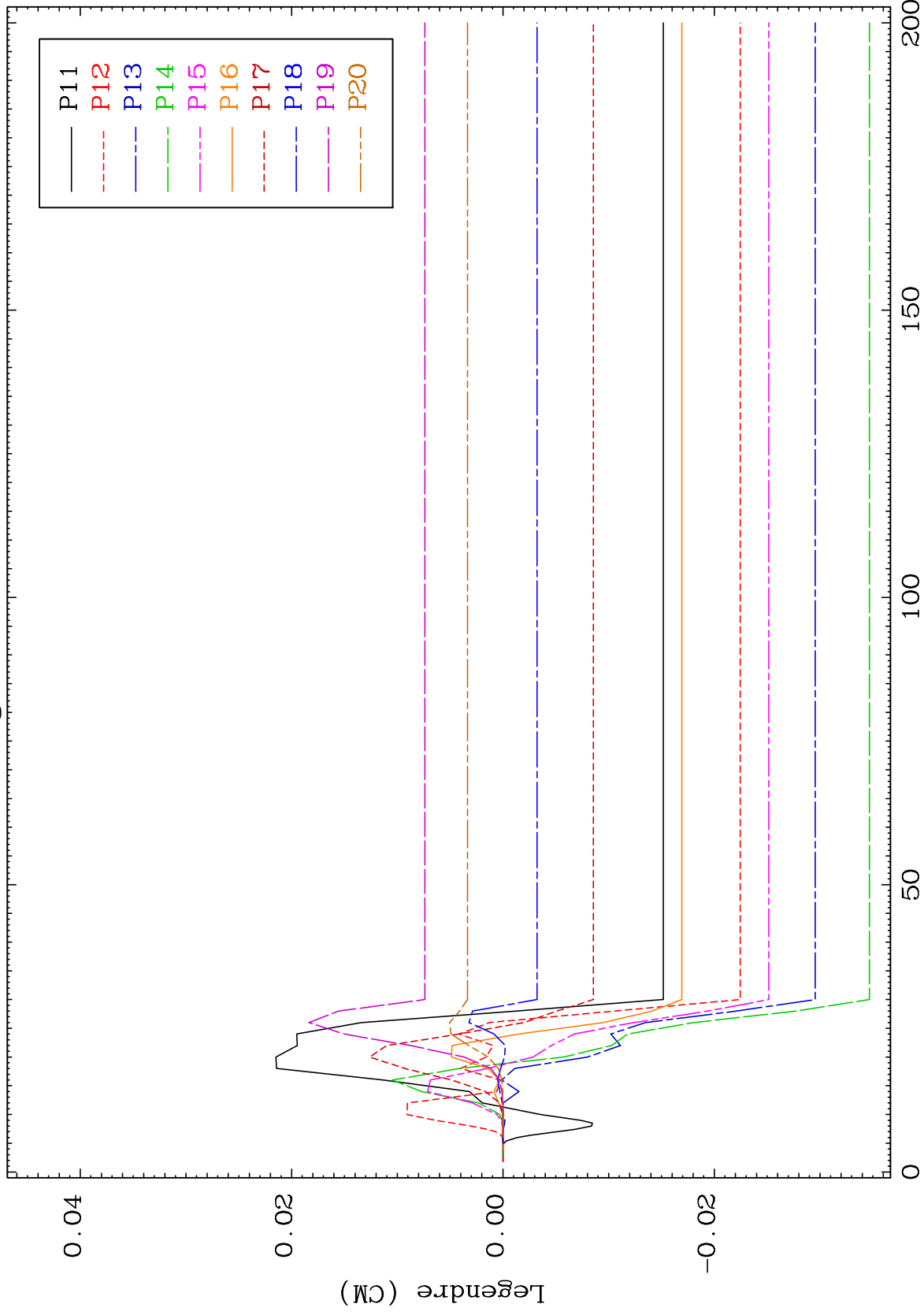
83-Bi-205



MAT 8313

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

83-Bi-205



37

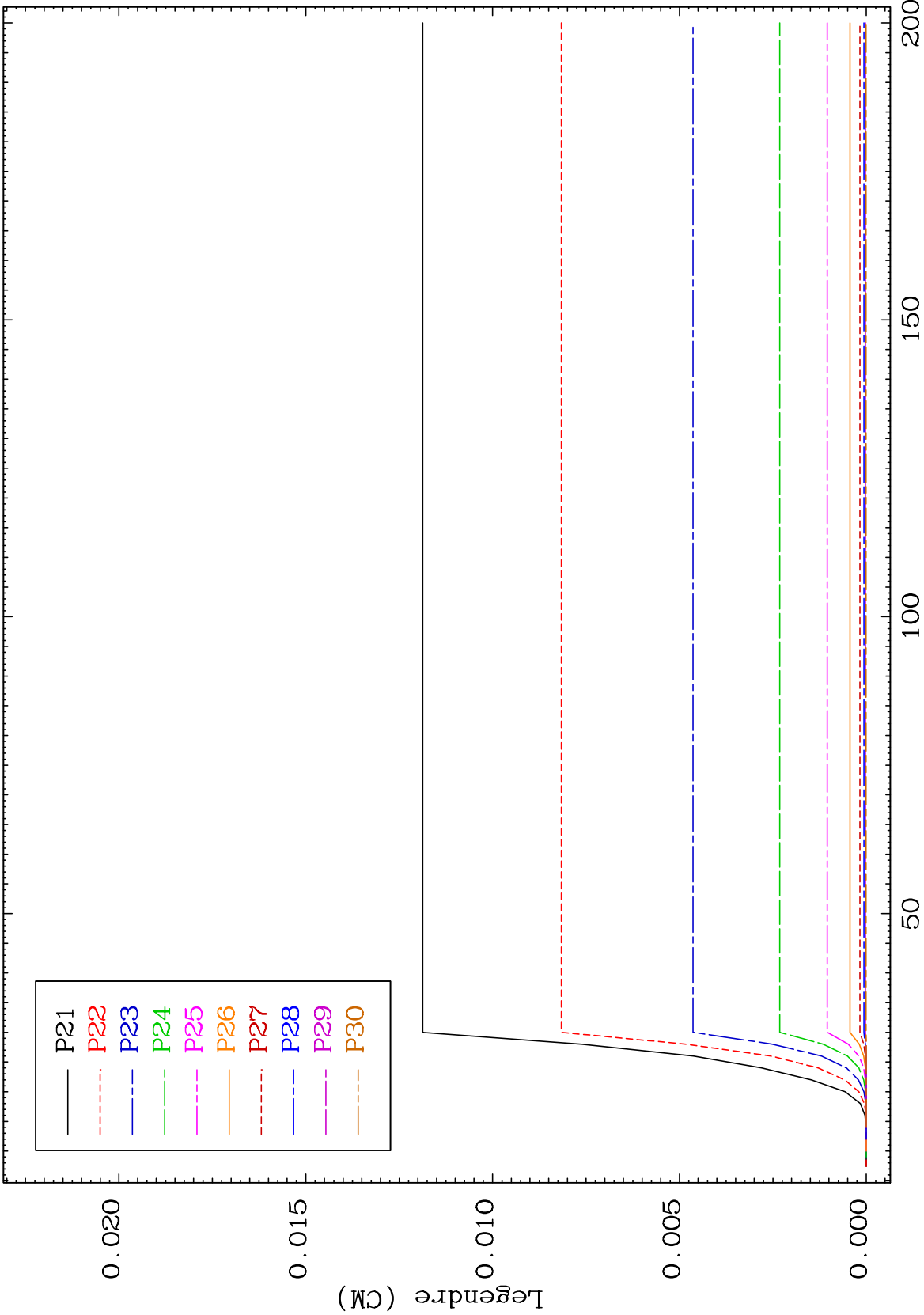
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



38

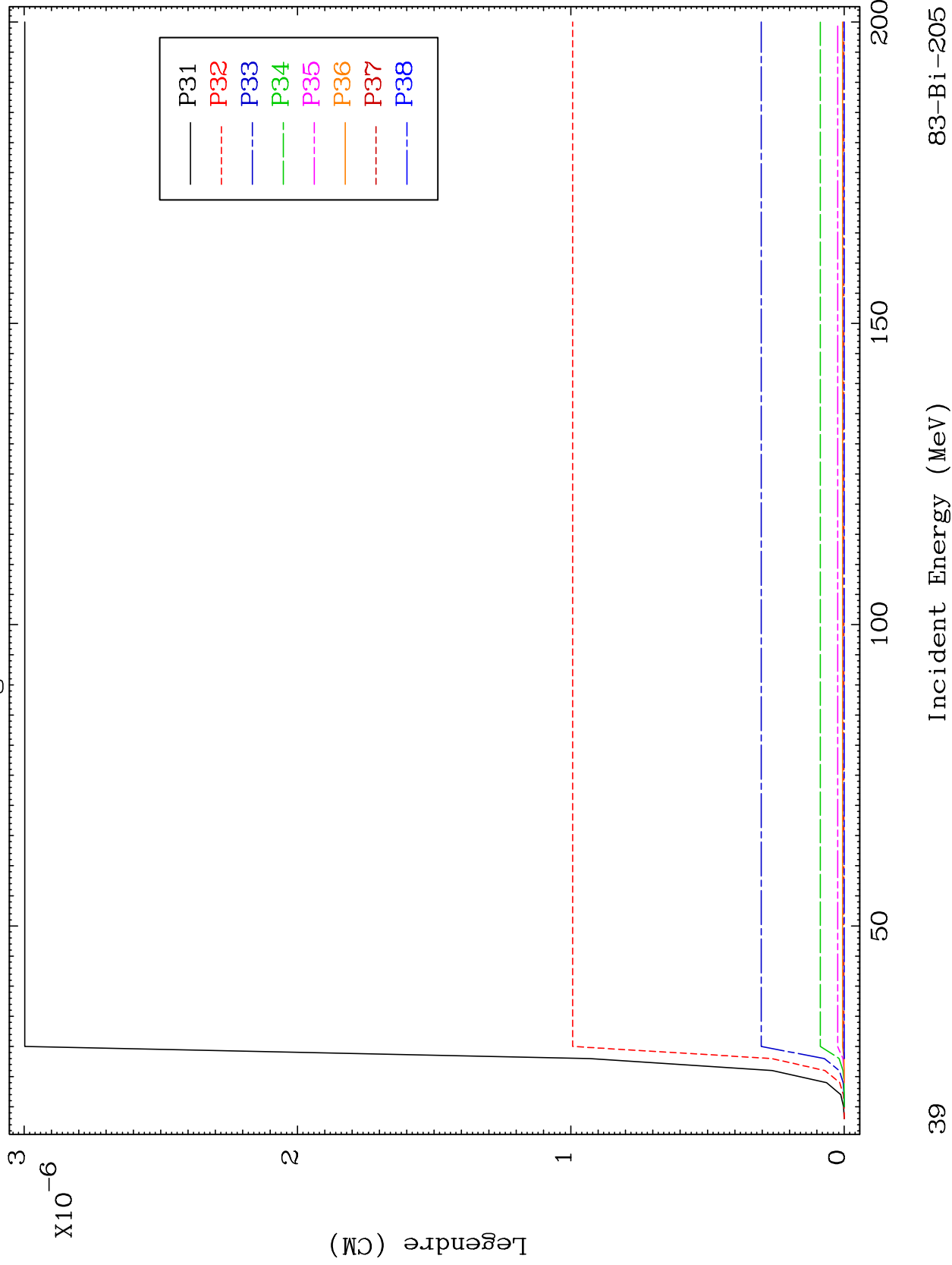
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



39

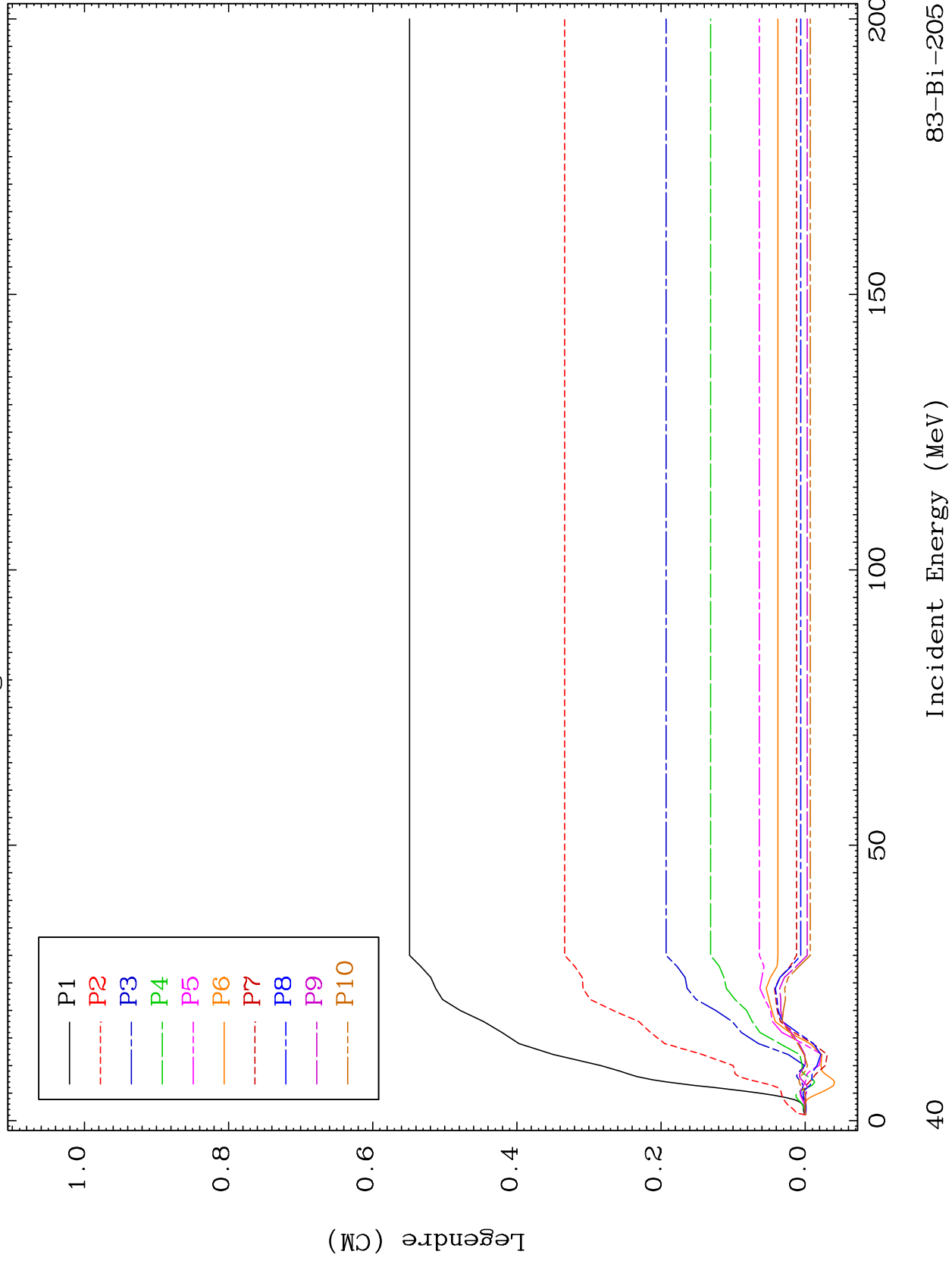
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

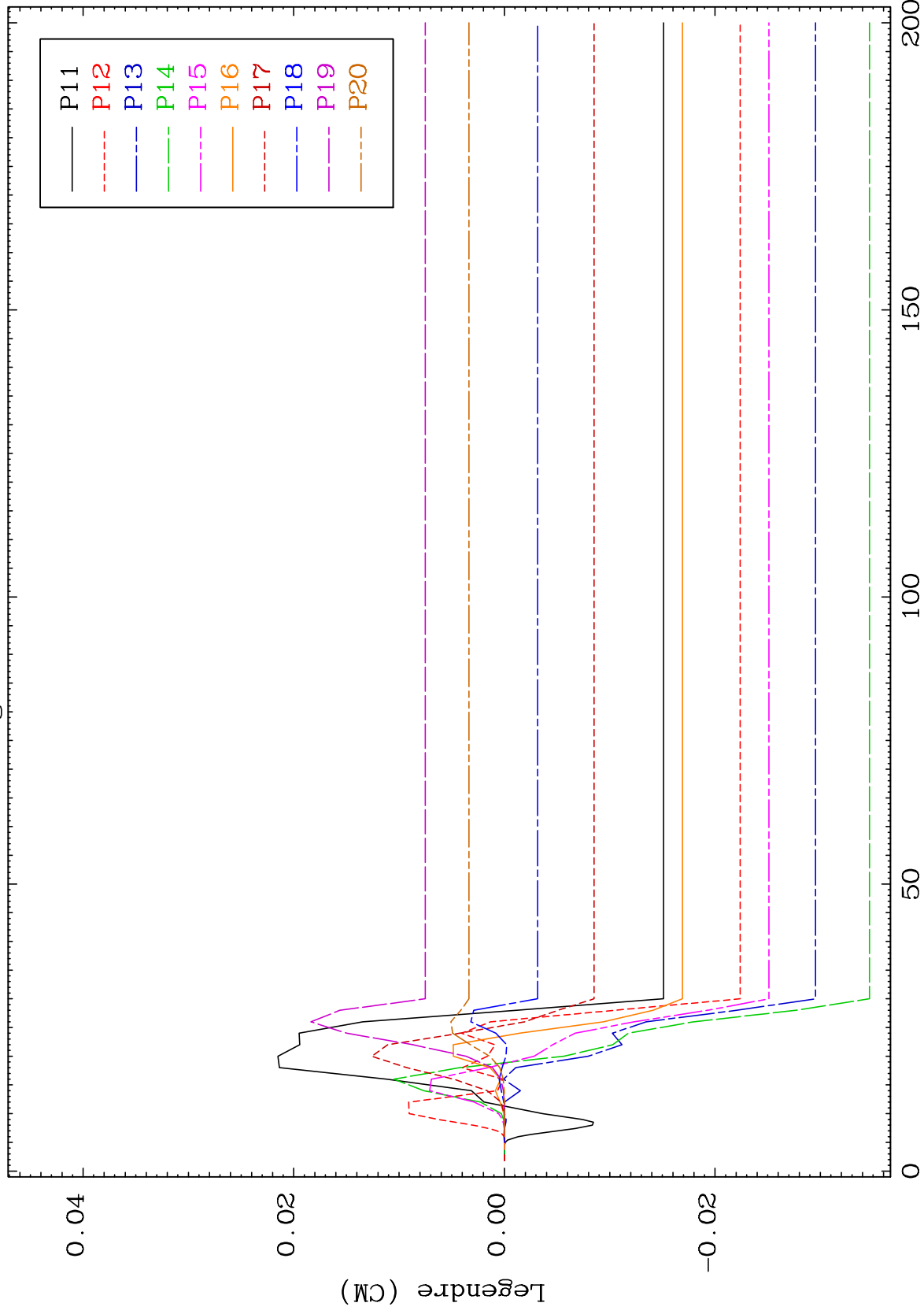
83-Bi-205



MAT 8313

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

83-Bi-205



41

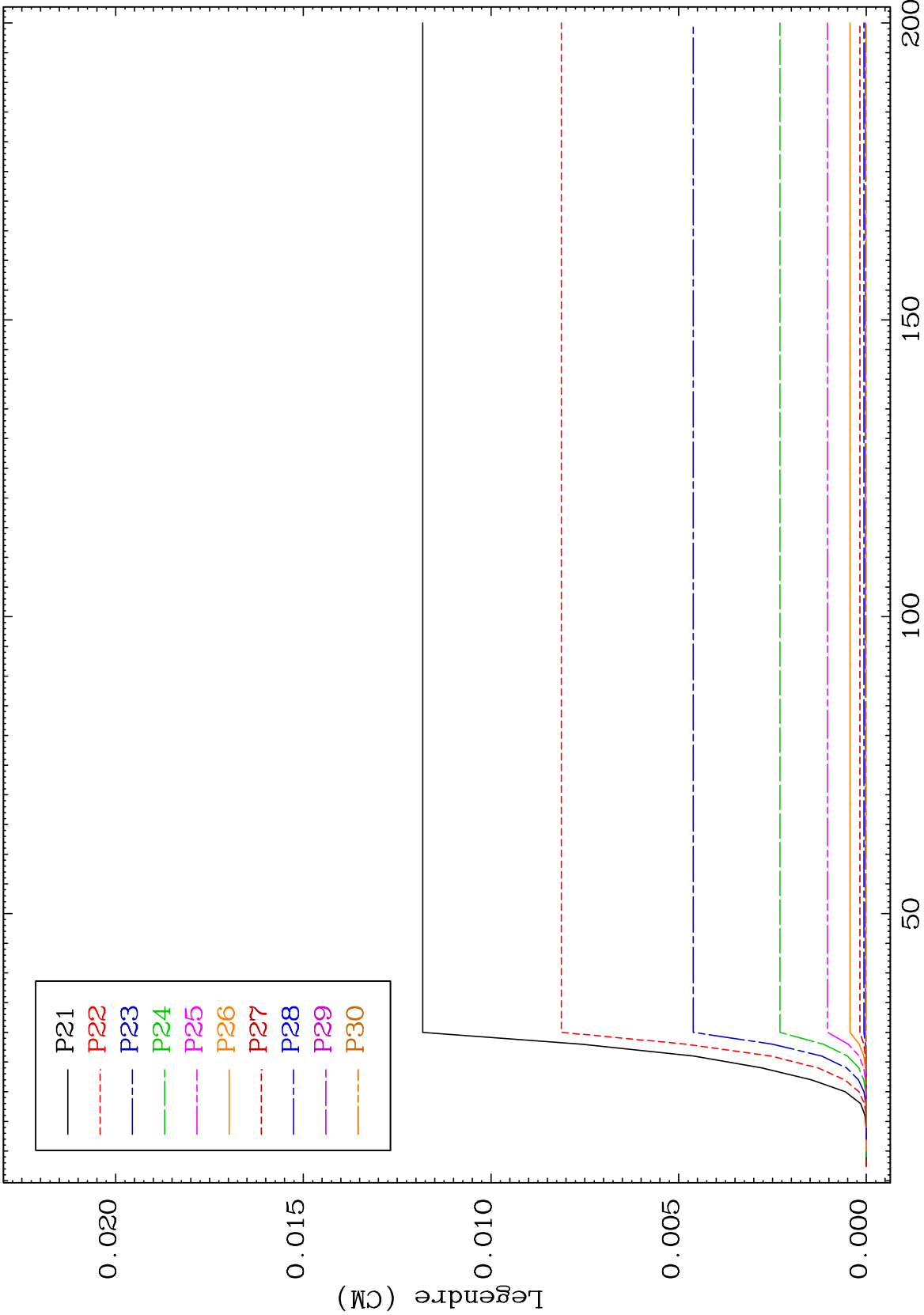
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



42

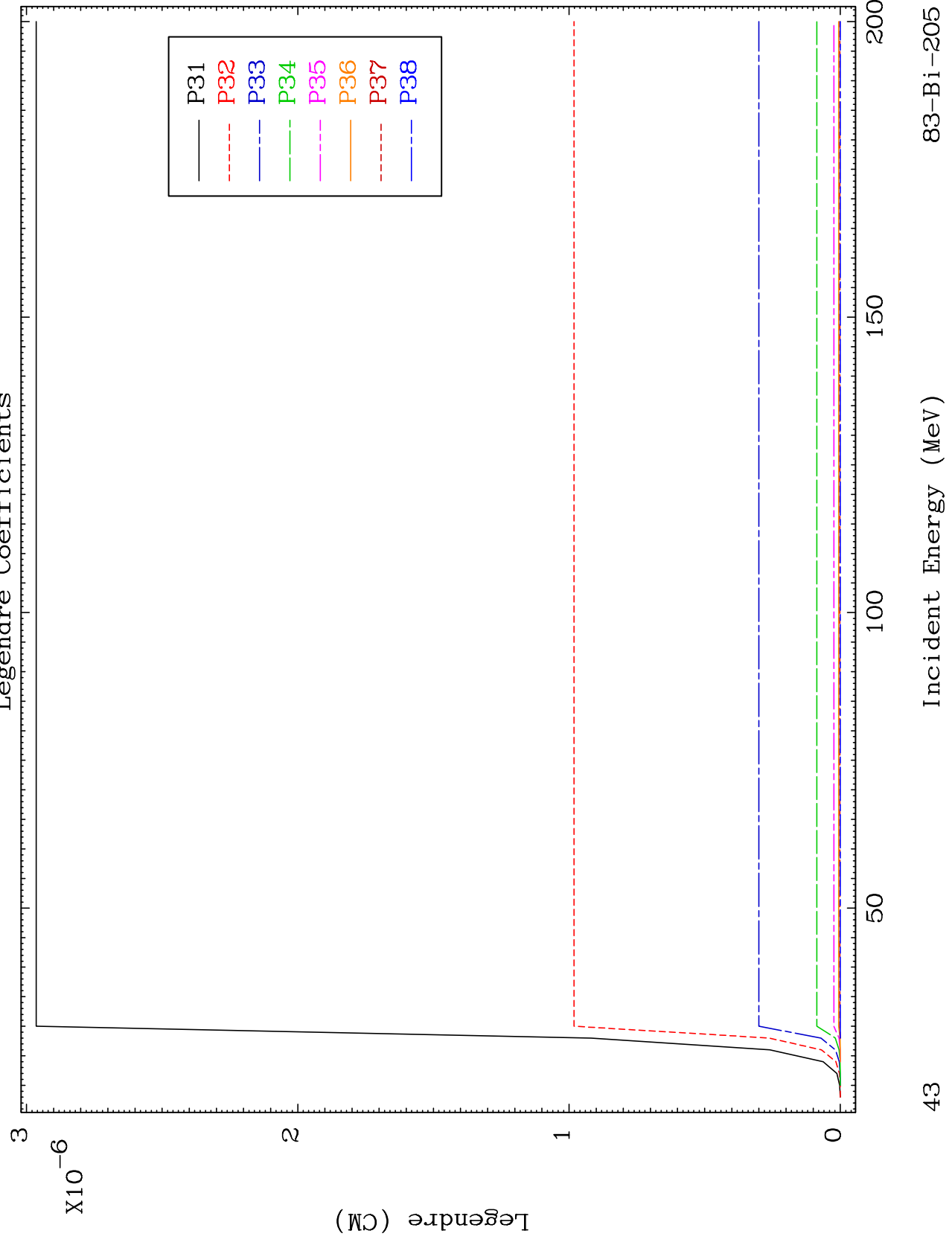
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

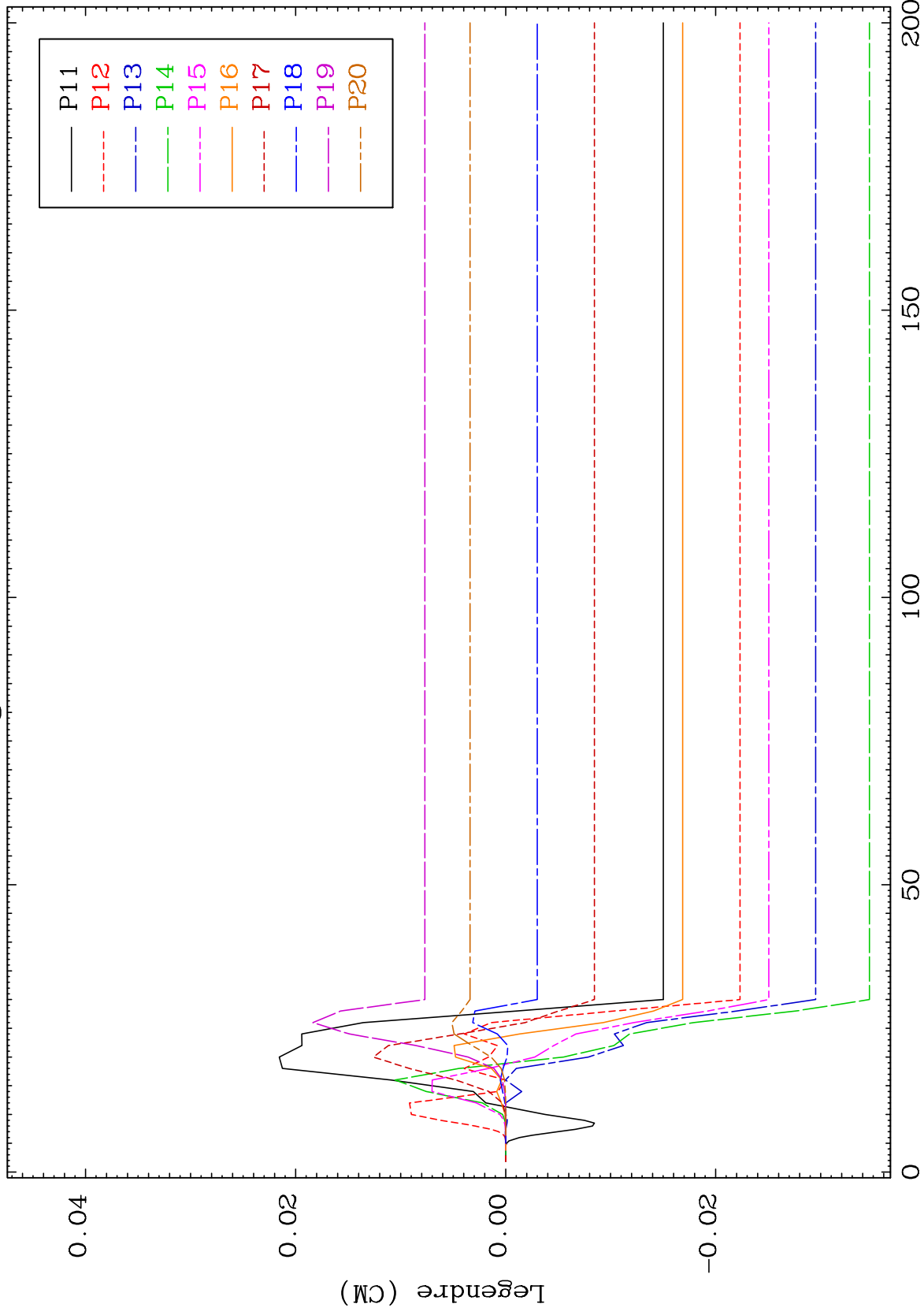
83-Bi-205



MAT 8313

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

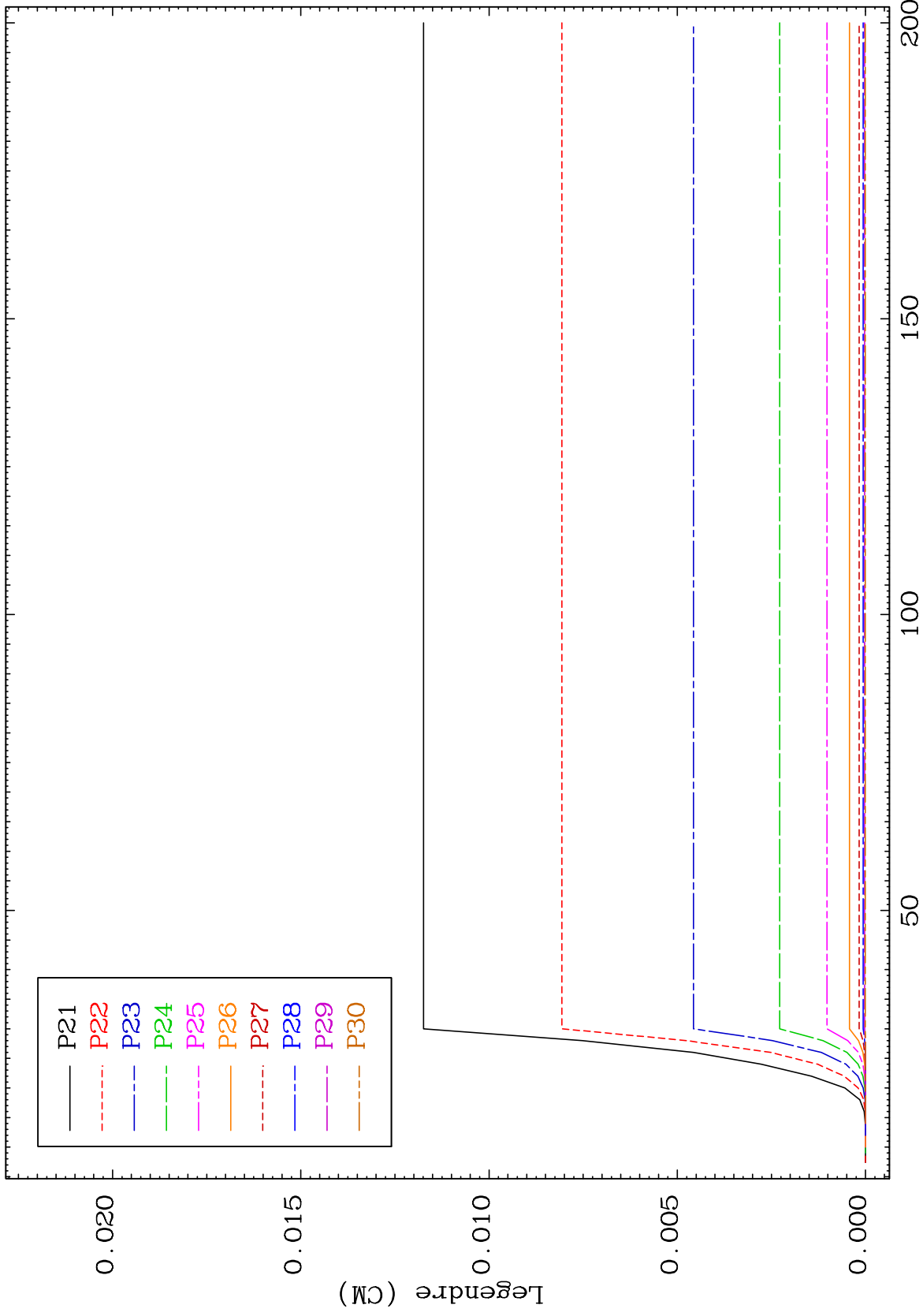
83-Bi-205



45

Incident Energy (MeV)

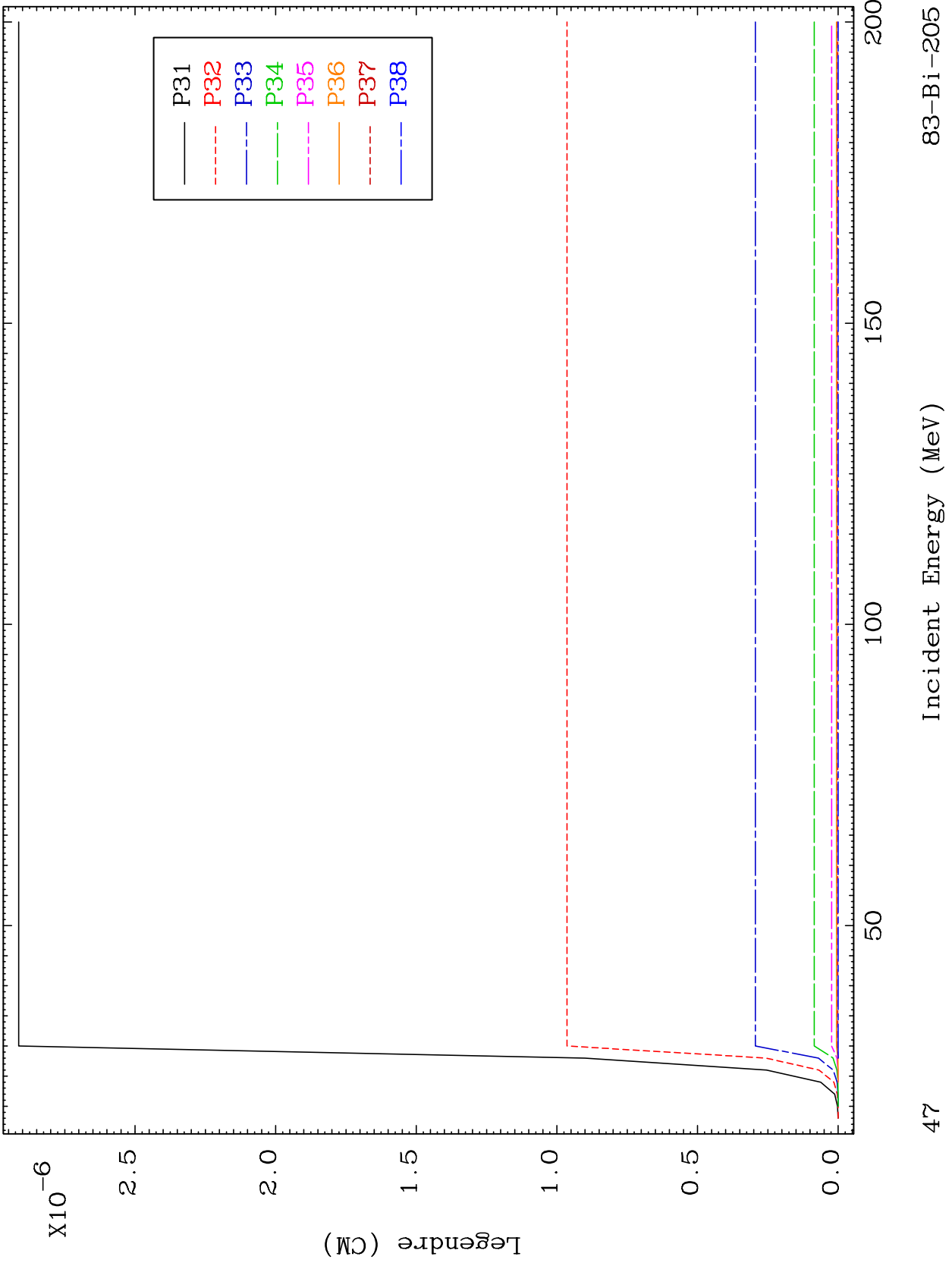
83-Bi-205



MAT 8313

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

83-Bi-205



47

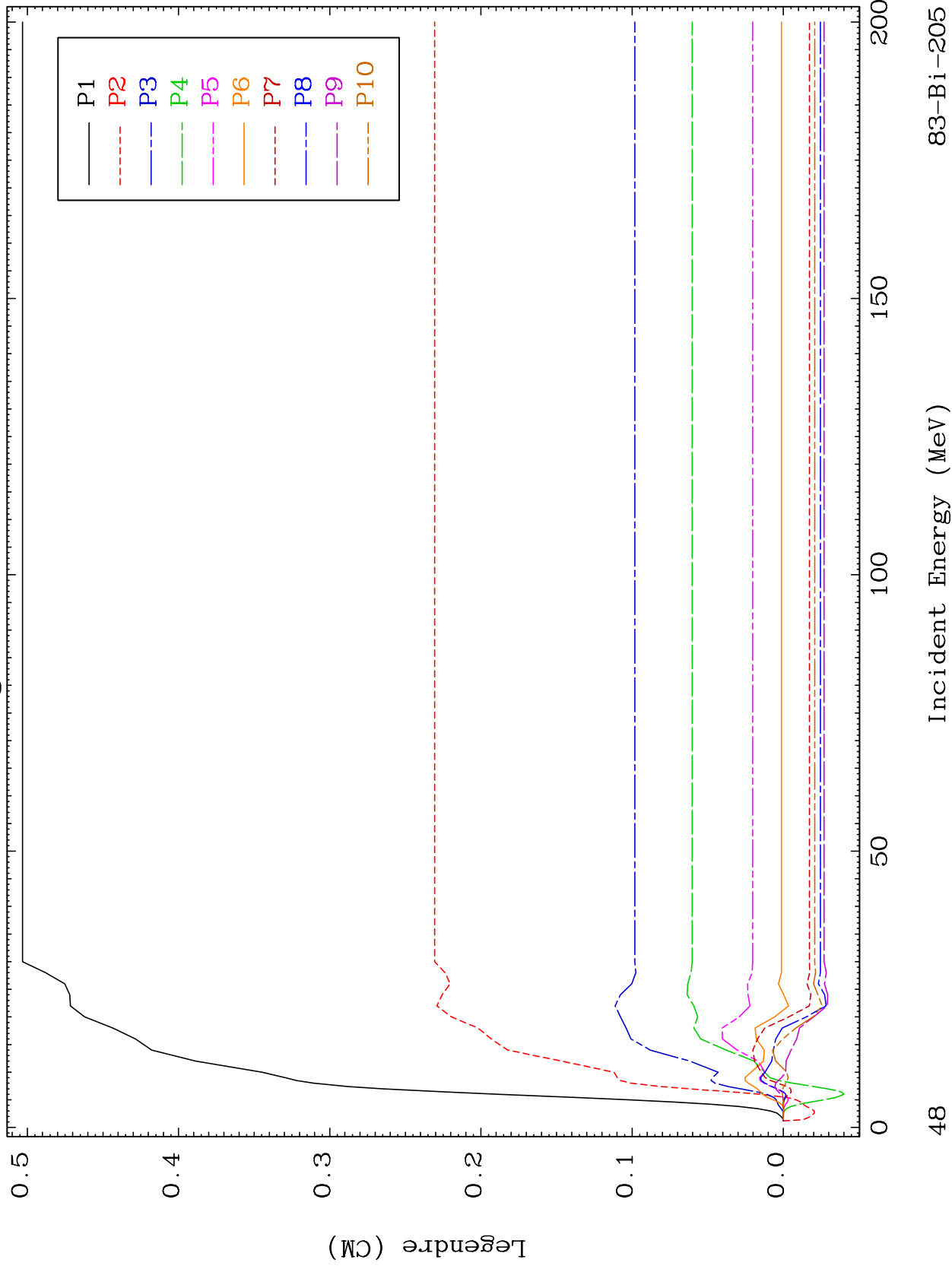
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

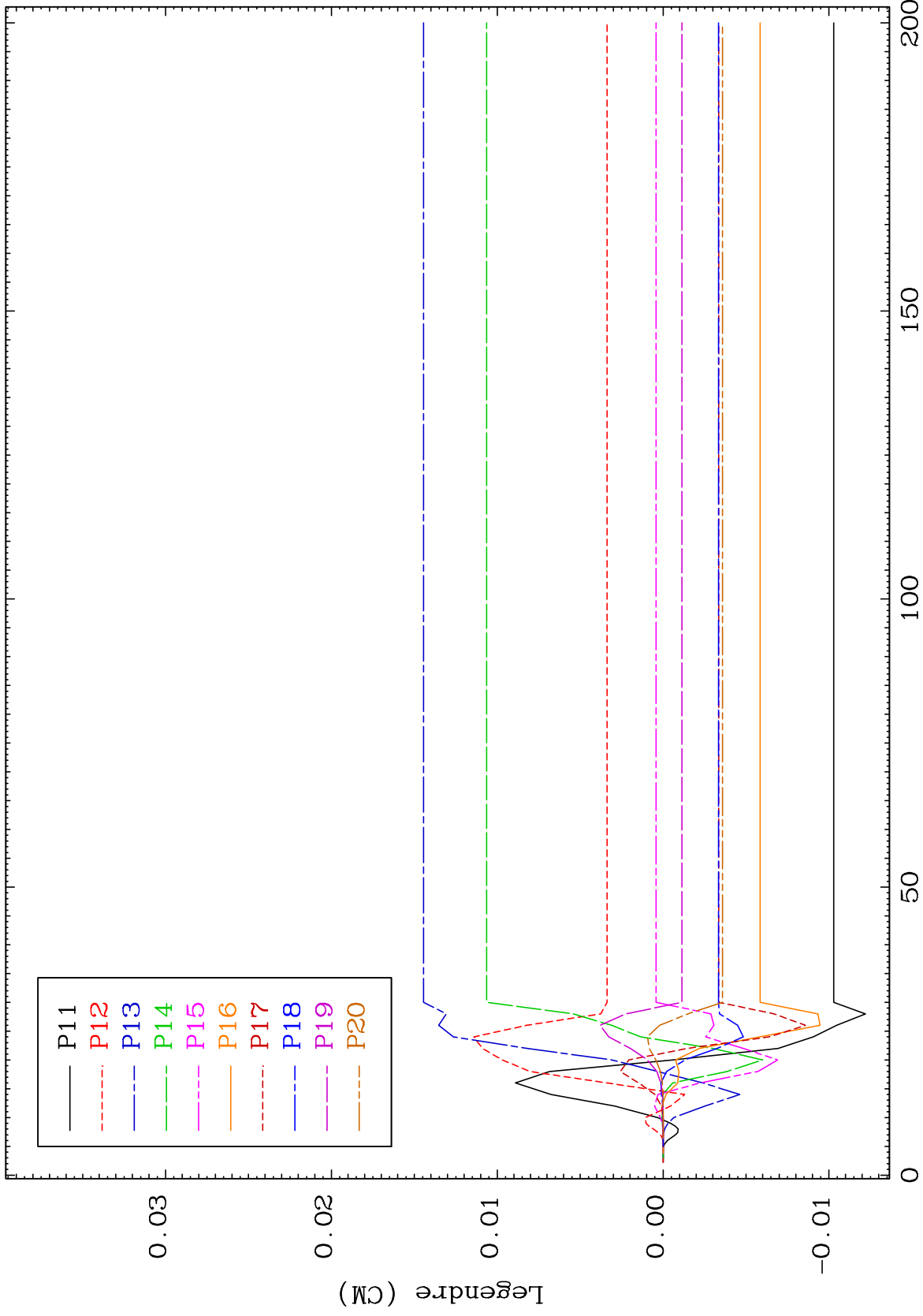
83-Bi-205



MAT 8313

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

83-Bi-205



49

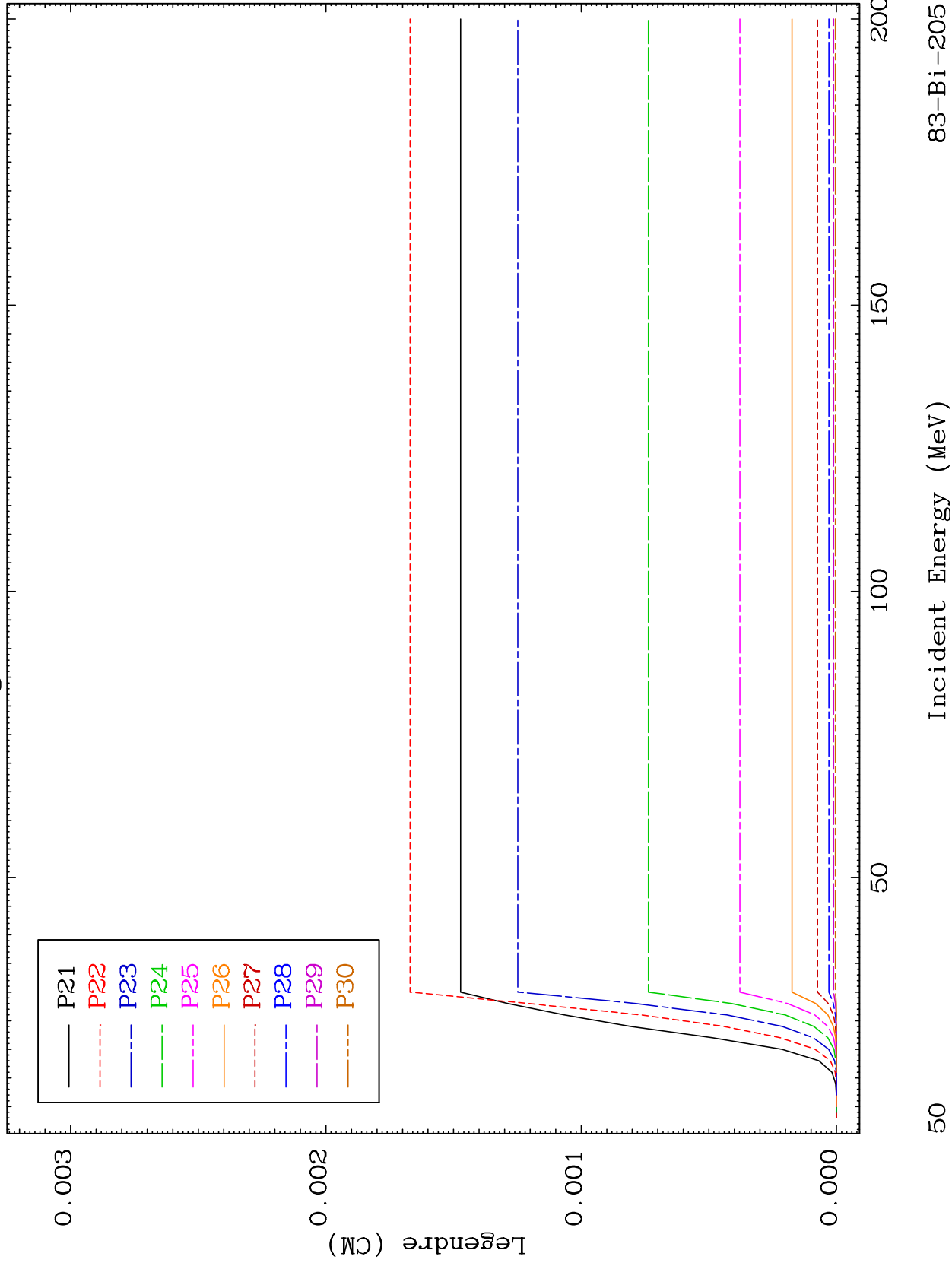
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



83-Bi-205

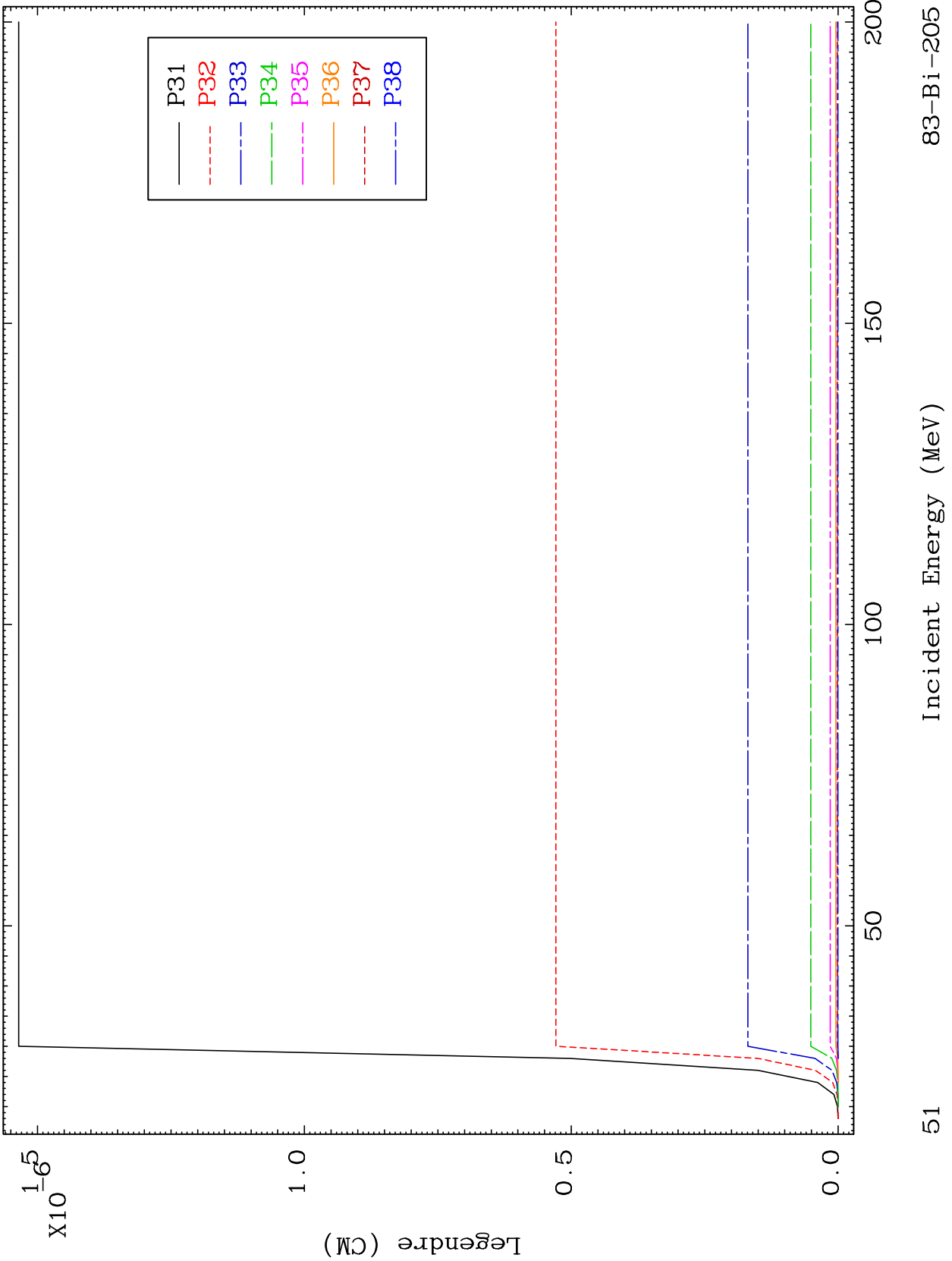
Incident Energy (MeV)

50

MAT 8313

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

83-Bi-205



51

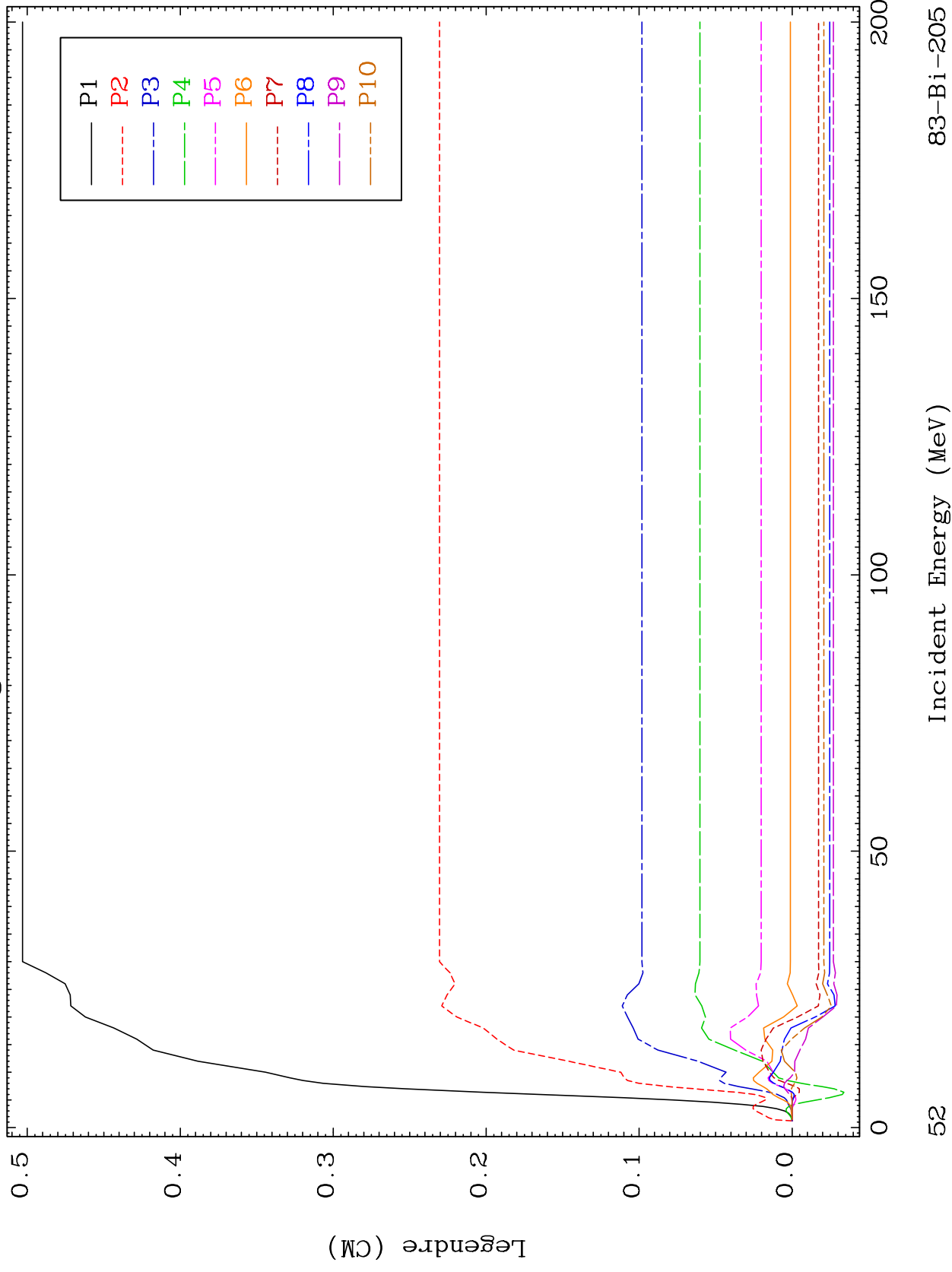
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



83-Bi-205

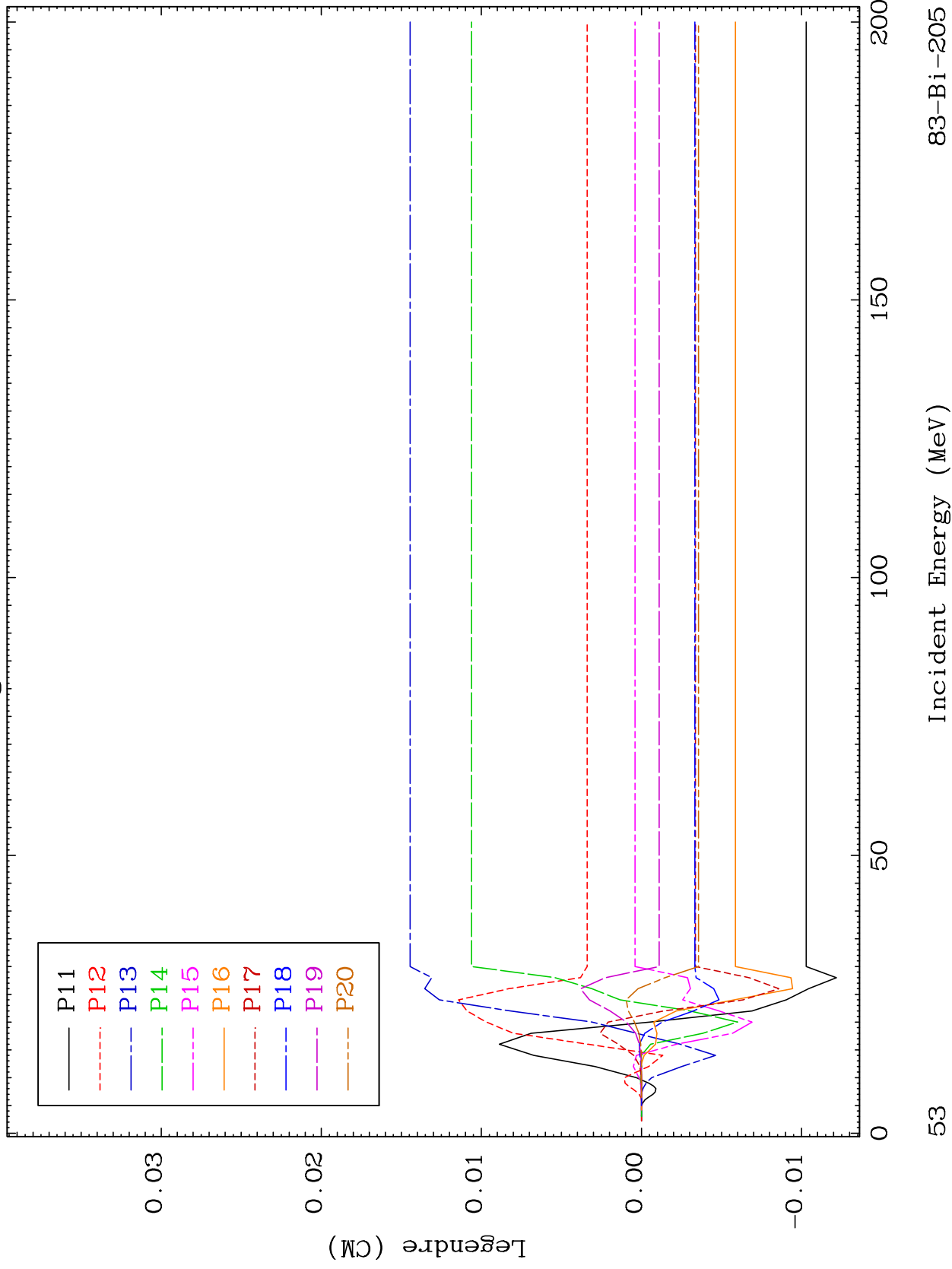
Incident Energy (MeV)

52

MAT 8313

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

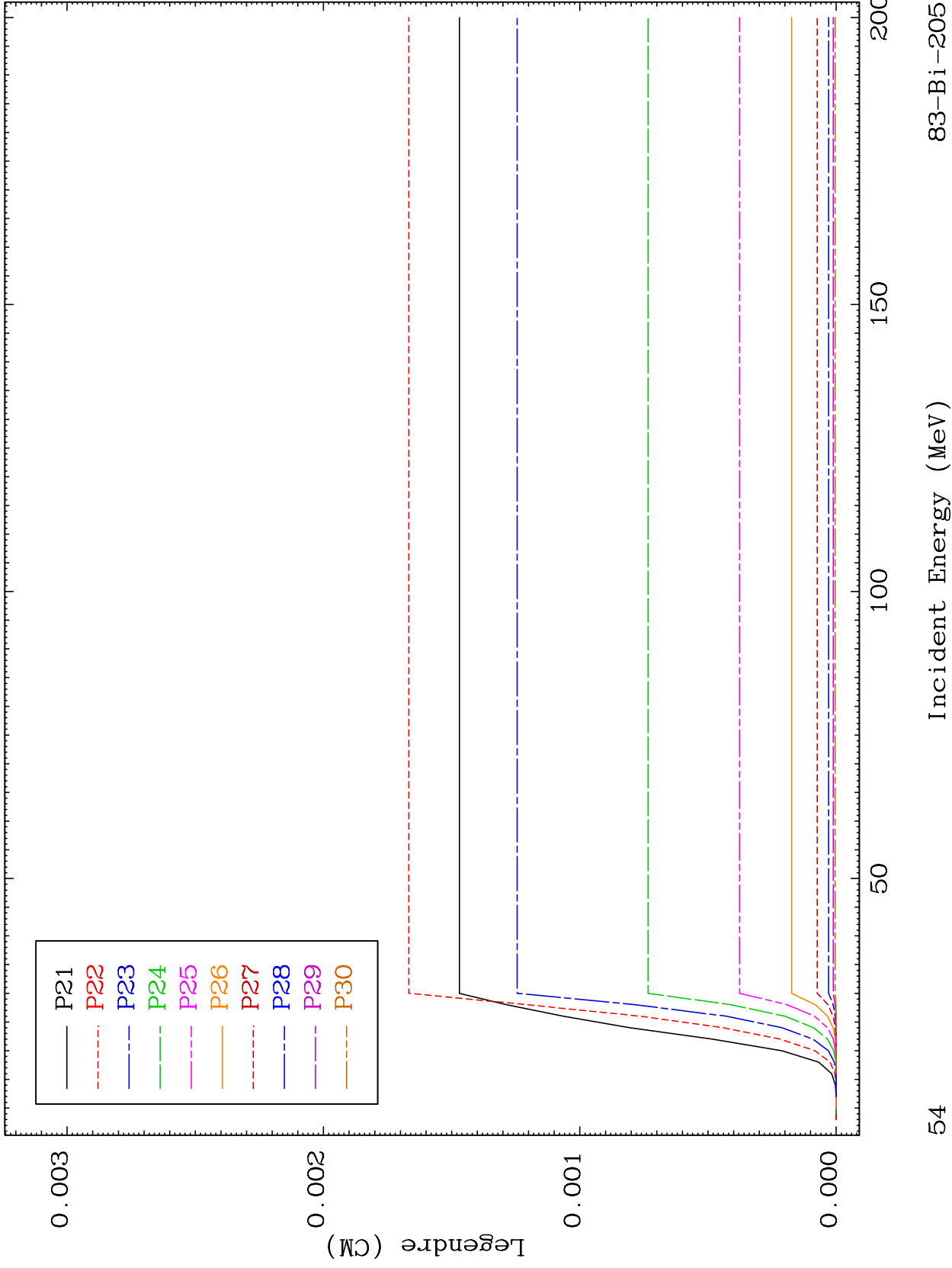
83-Bi-205



53

Incident Energy (MeV)

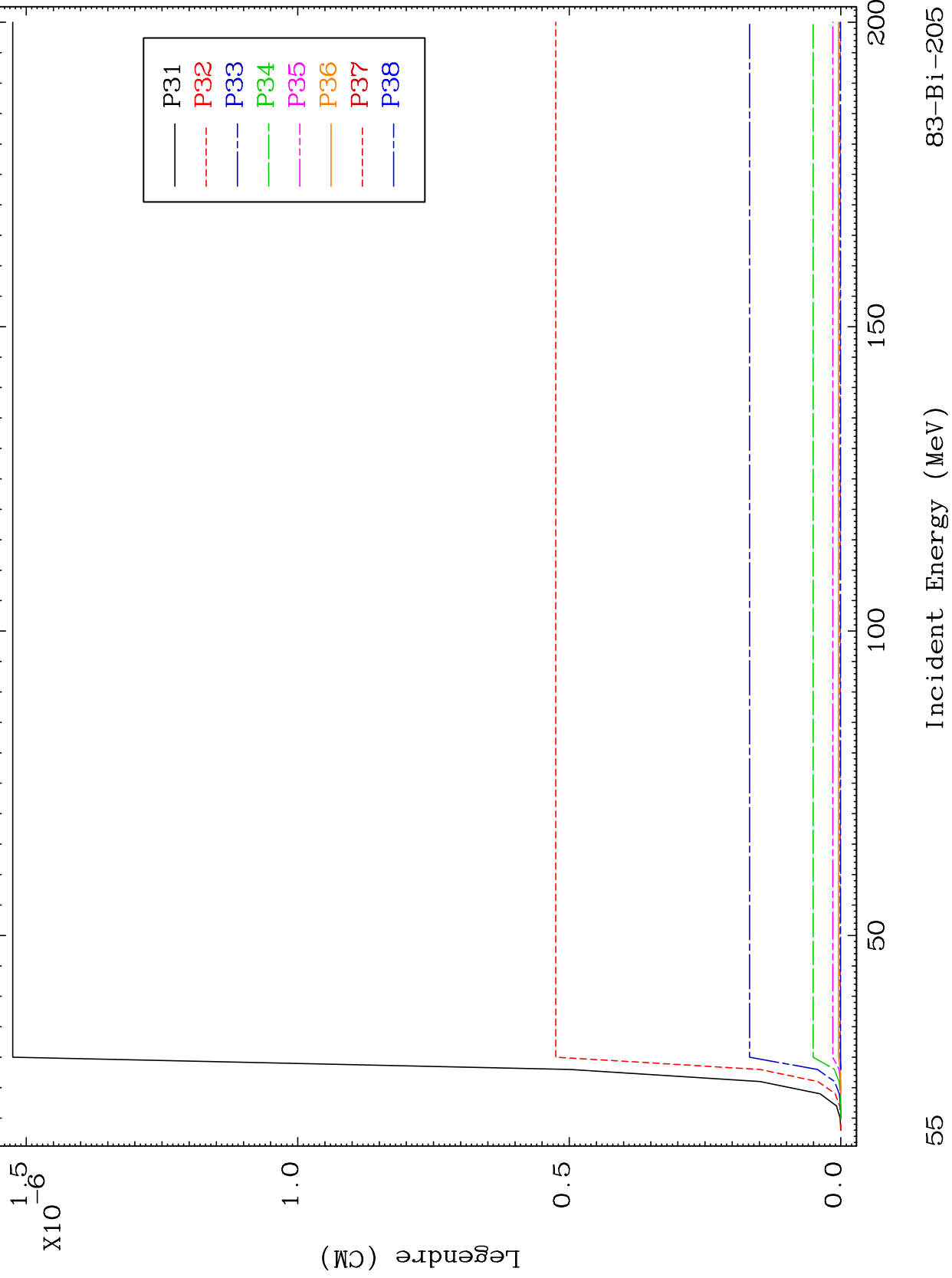
83-Bi-205



MAT 8313

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

83-Bi-205



83-Bi-205

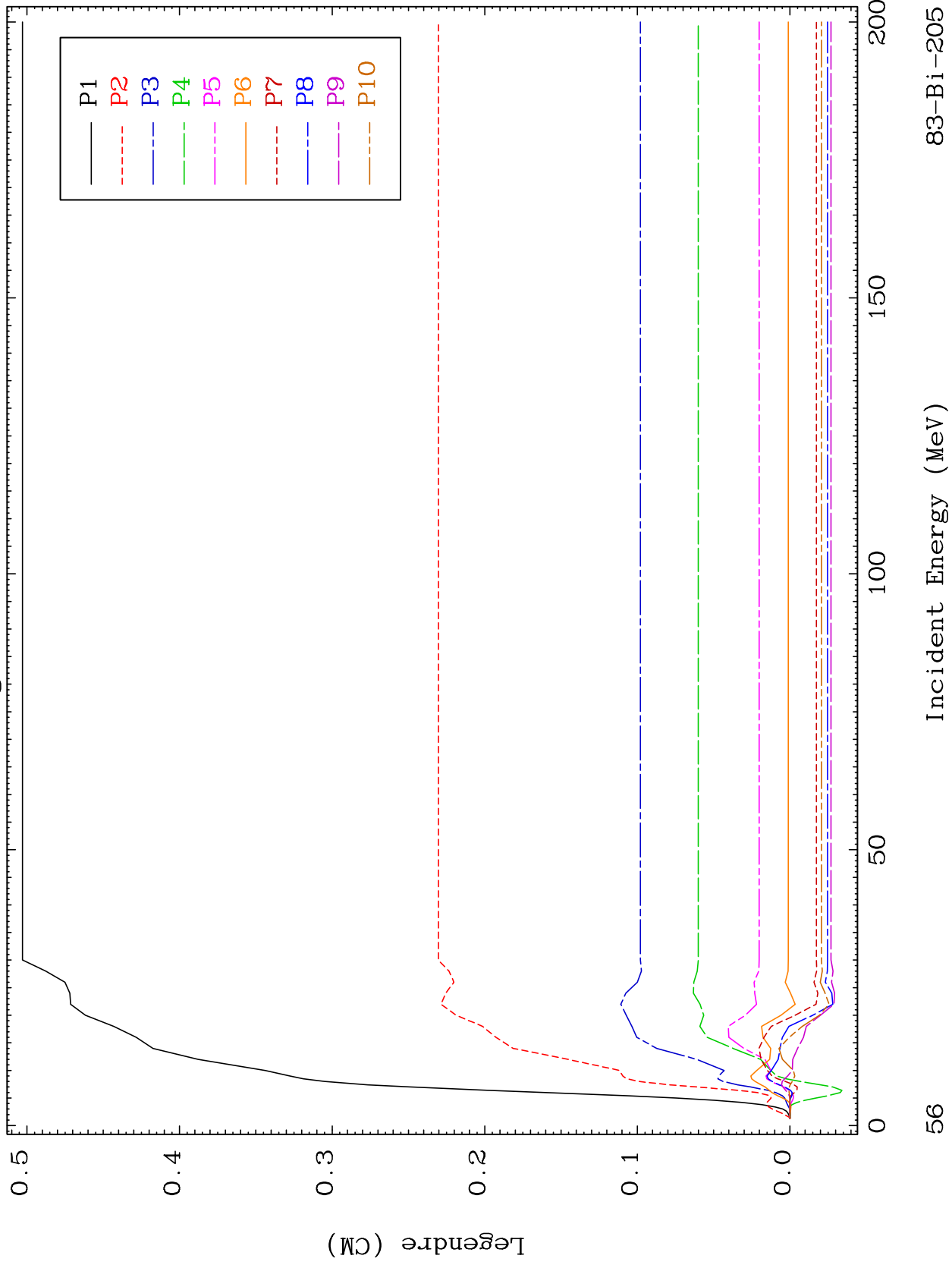
Incident Energy (MeV)

55

MAT 8313

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

83-Bi-205



83-Bi-205

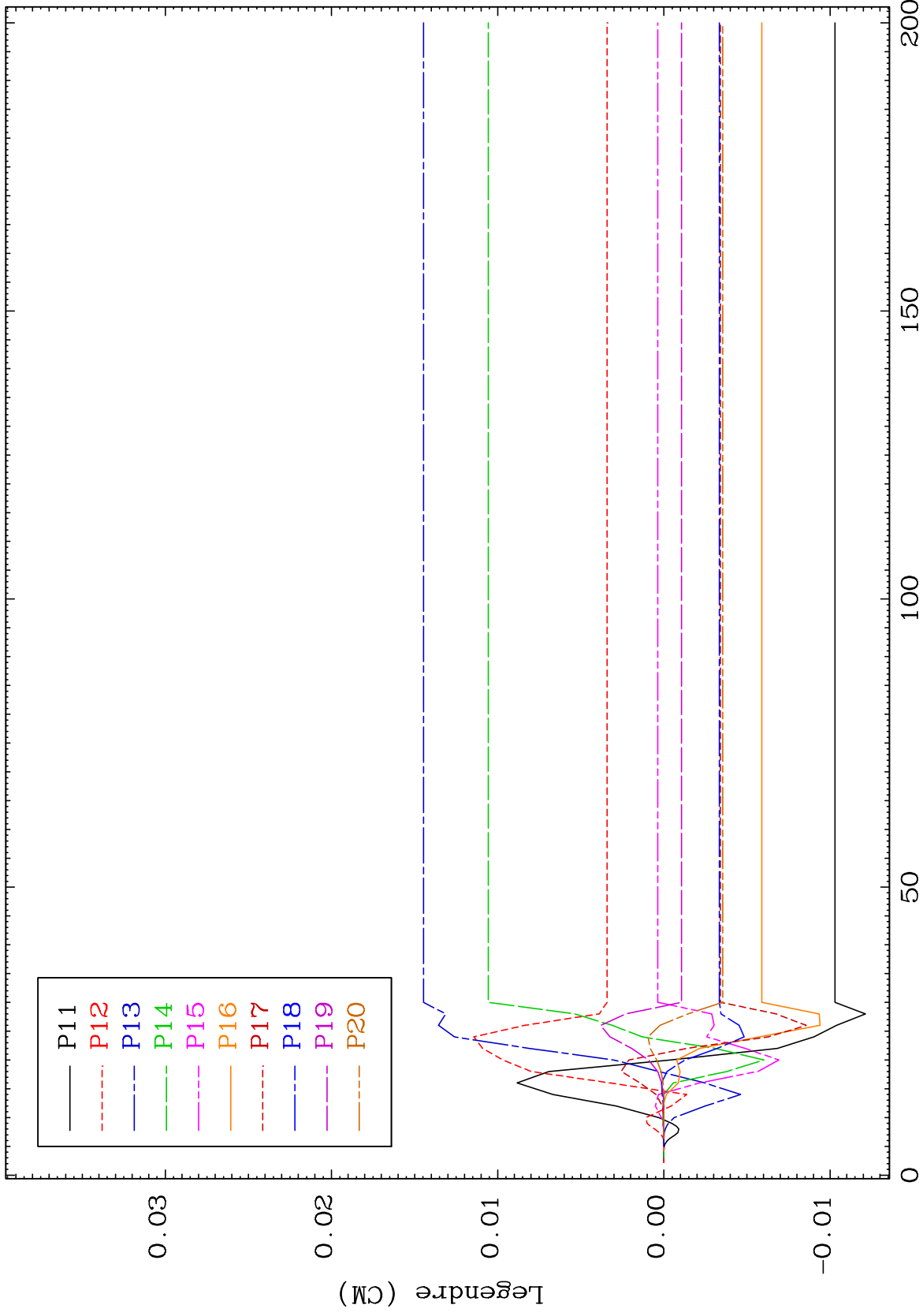
Incident Energy (MeV)

56

MAT 8313

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

83-Bi-205



57

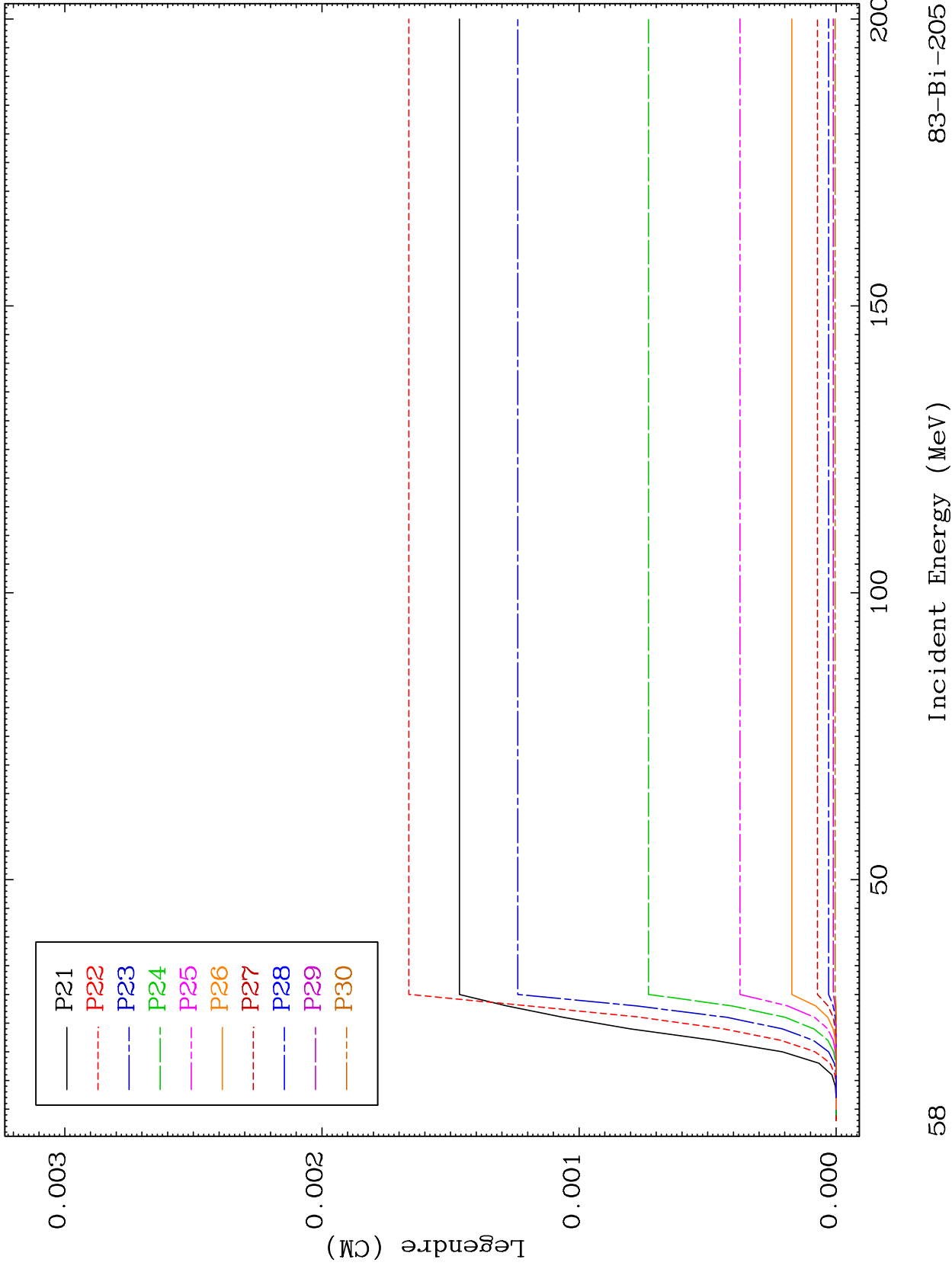
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



58

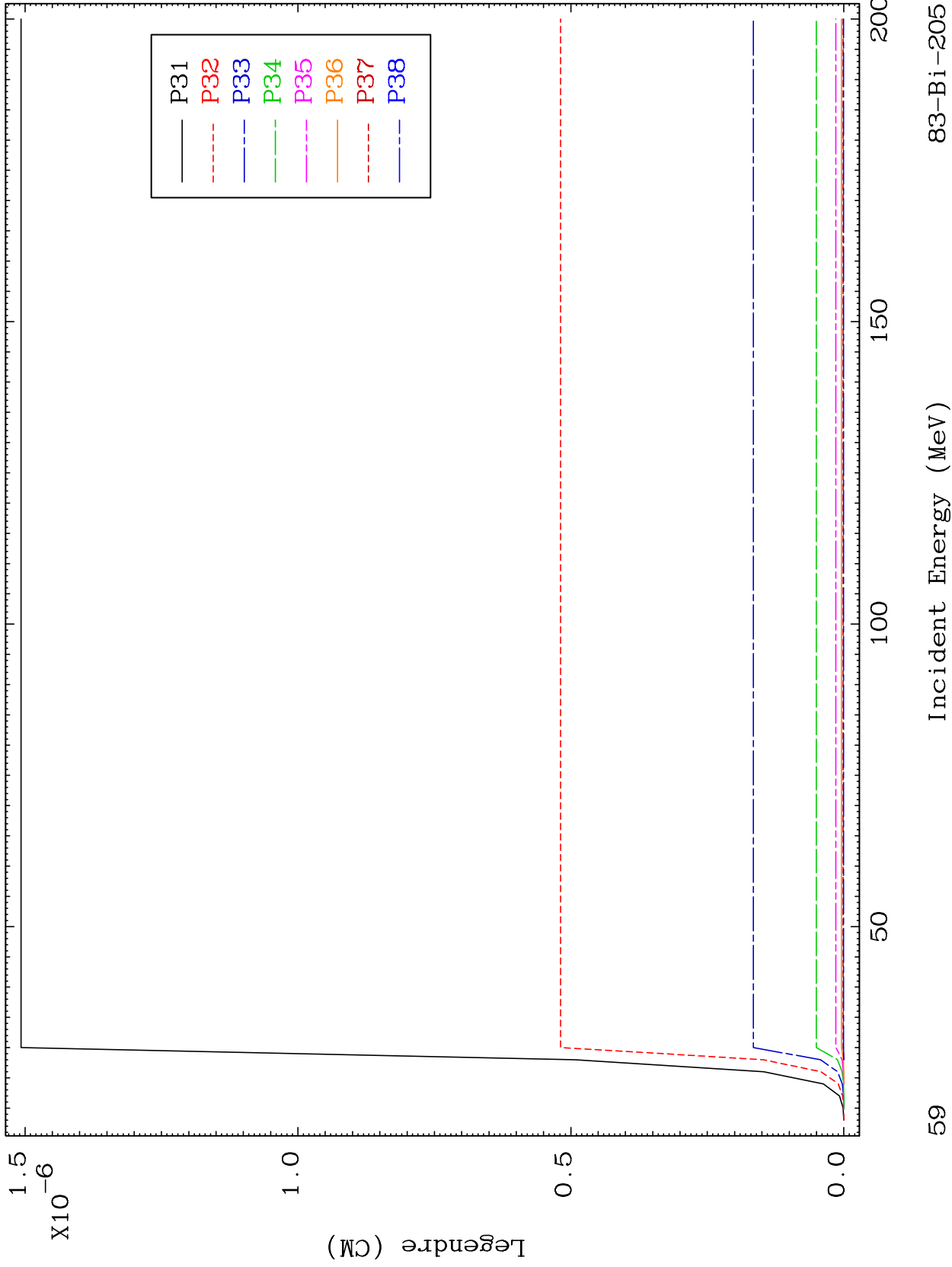
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



59

Incident Energy (MeV)

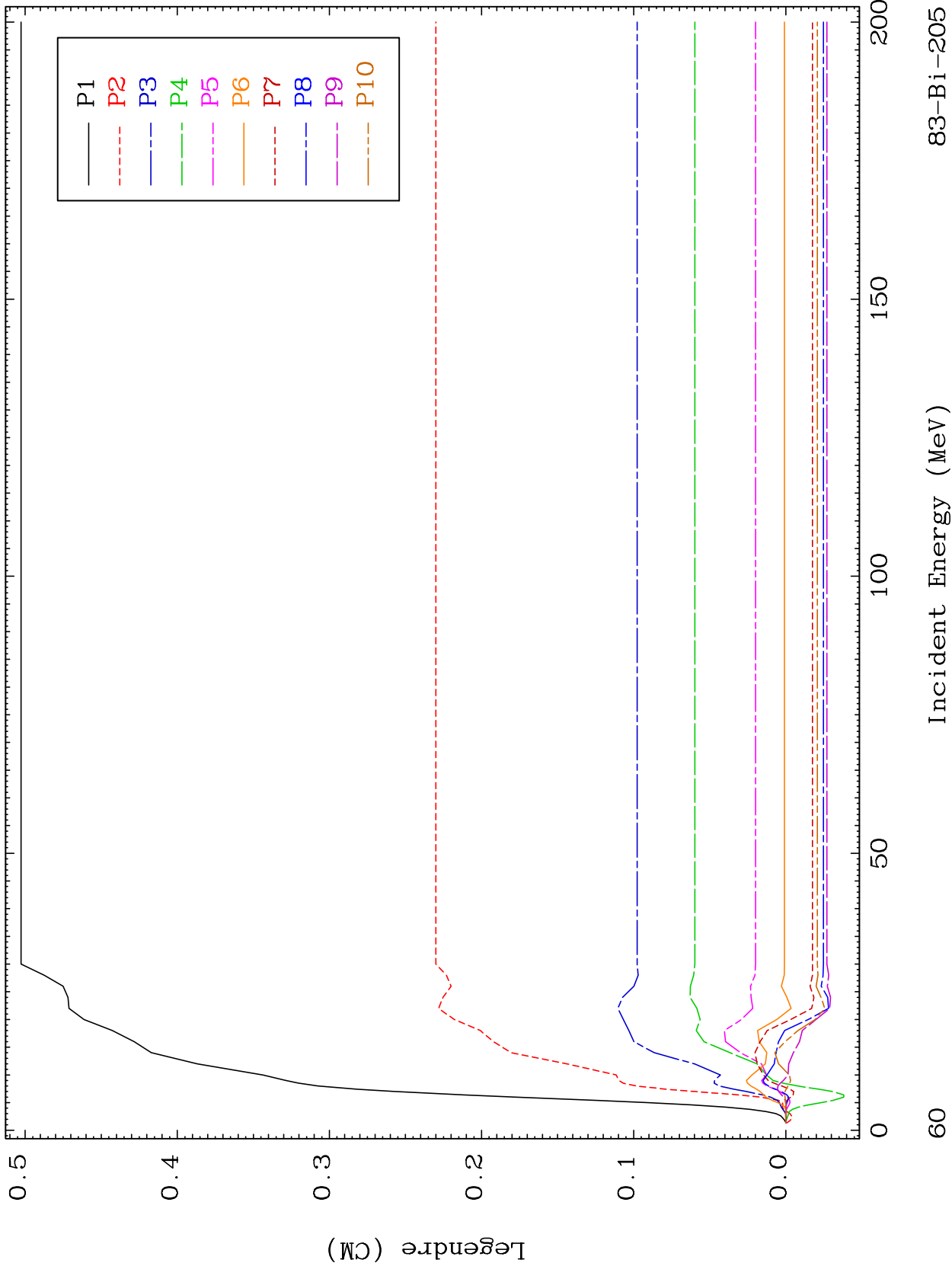
83-Bi-205

MAT 8313

MT= 61 (n,n') Level

83-Bi-205

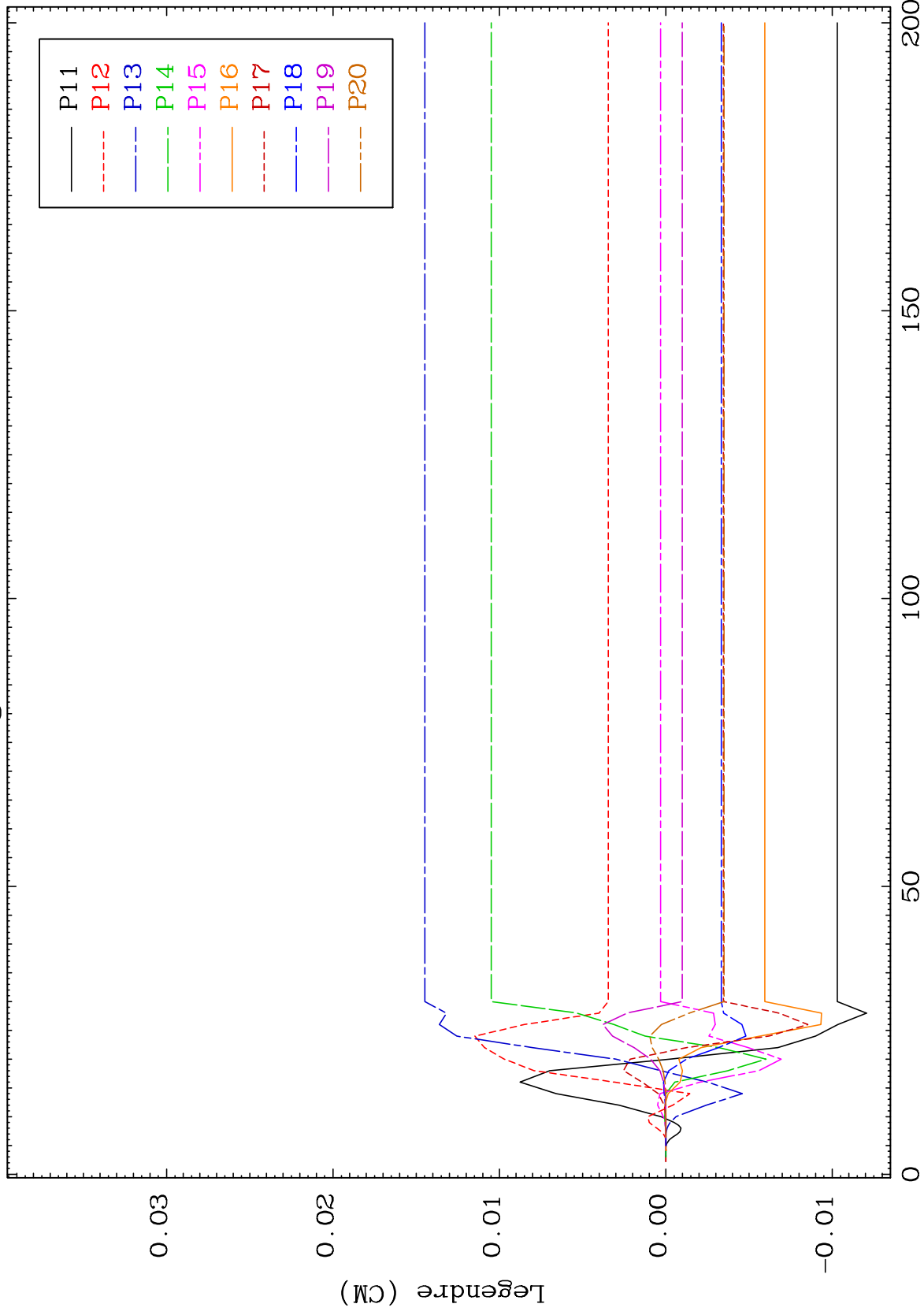
Legendre Coefficients



MAT 8313

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

83-Bi-205



61

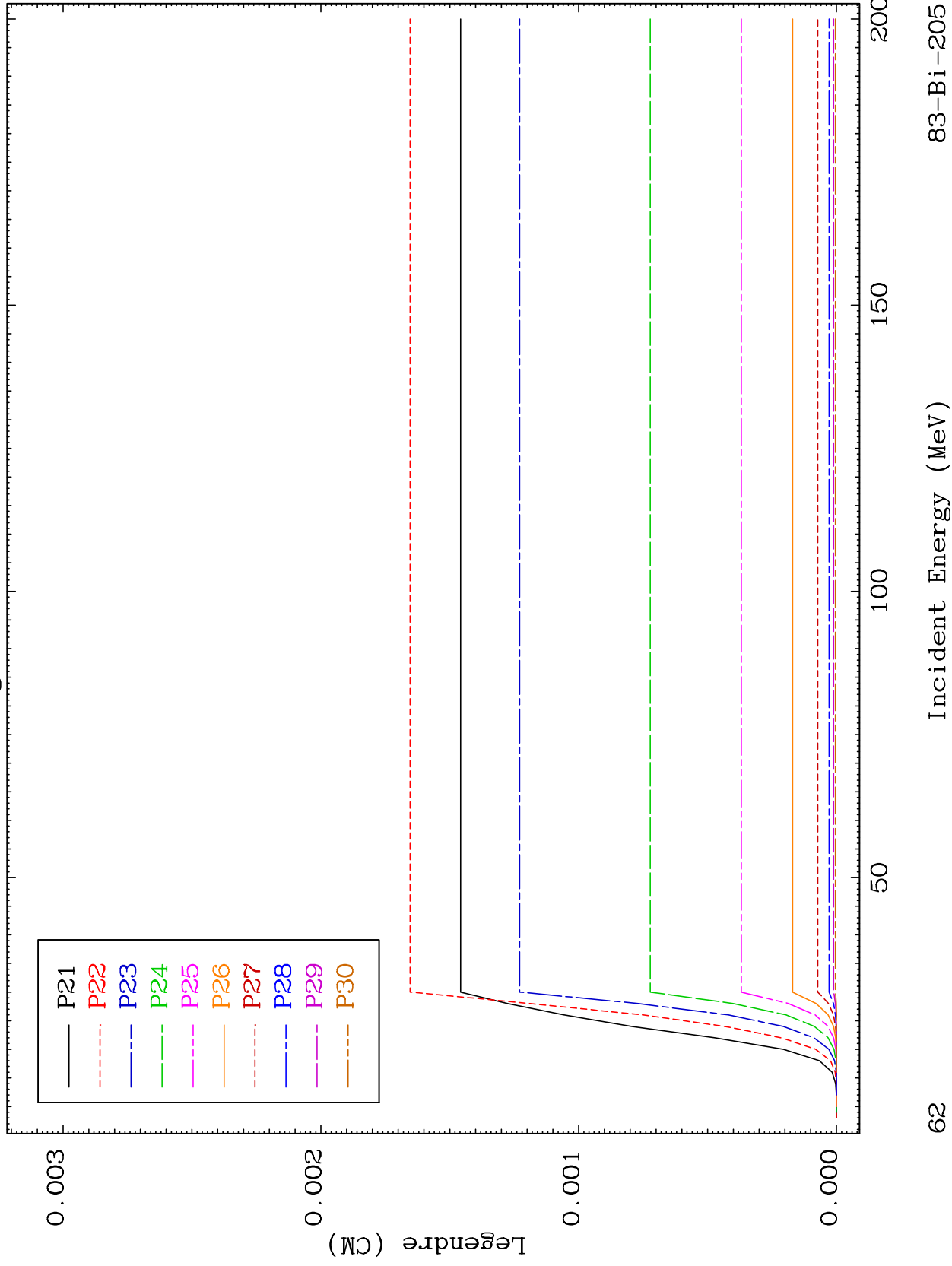
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



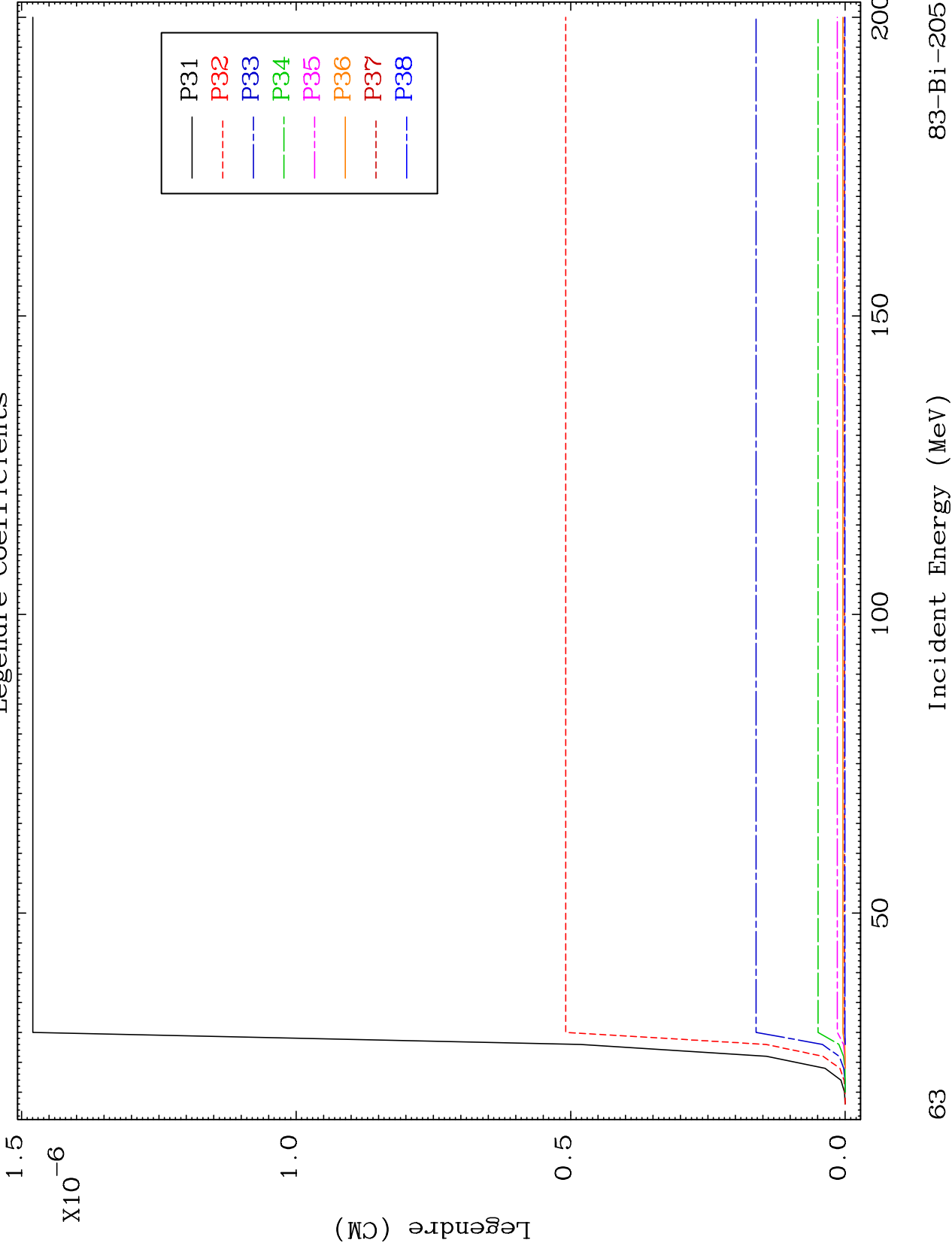
62

200

MAT 8313

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

83-Bi-205

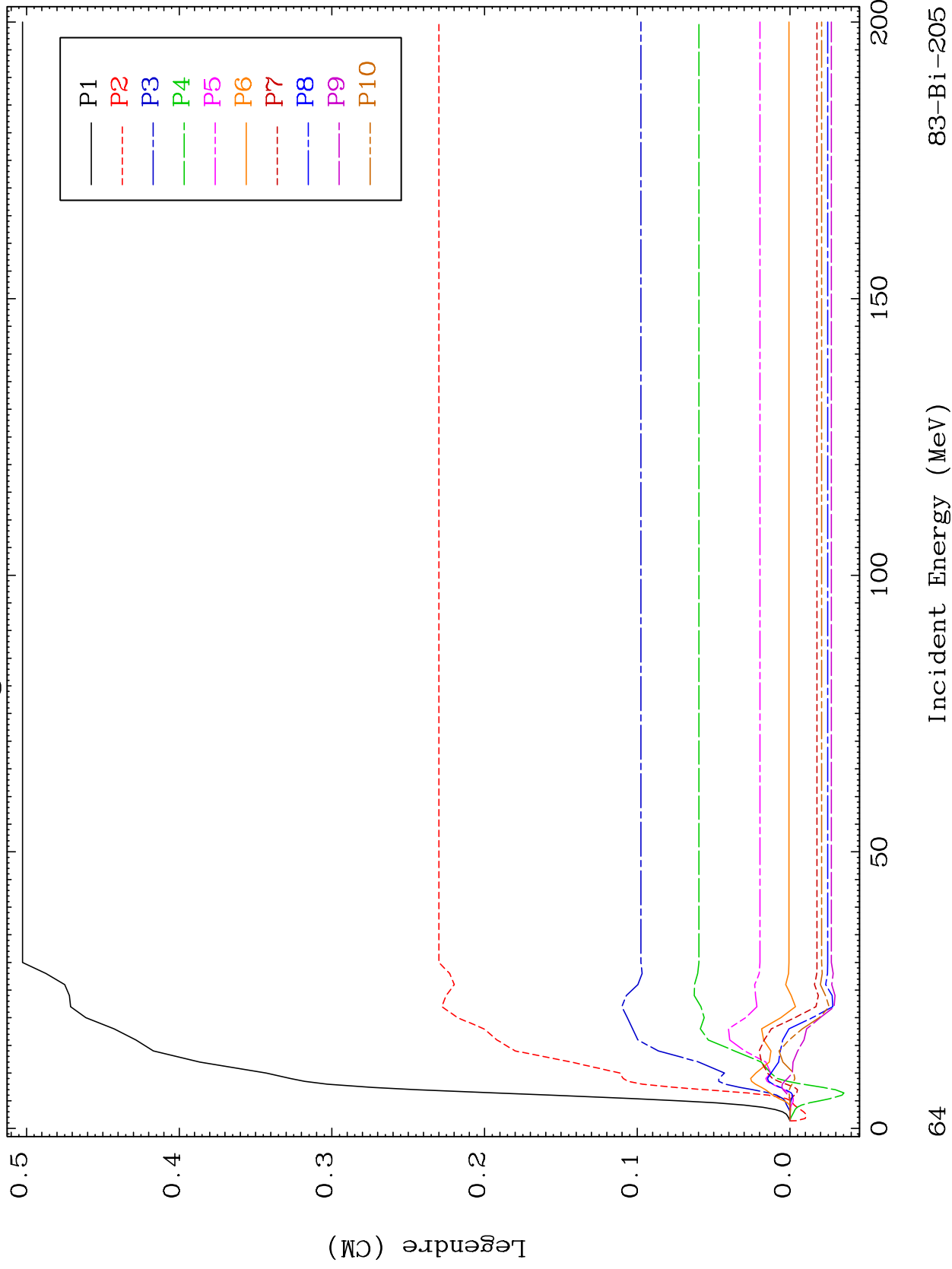


63

MAT 8313

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

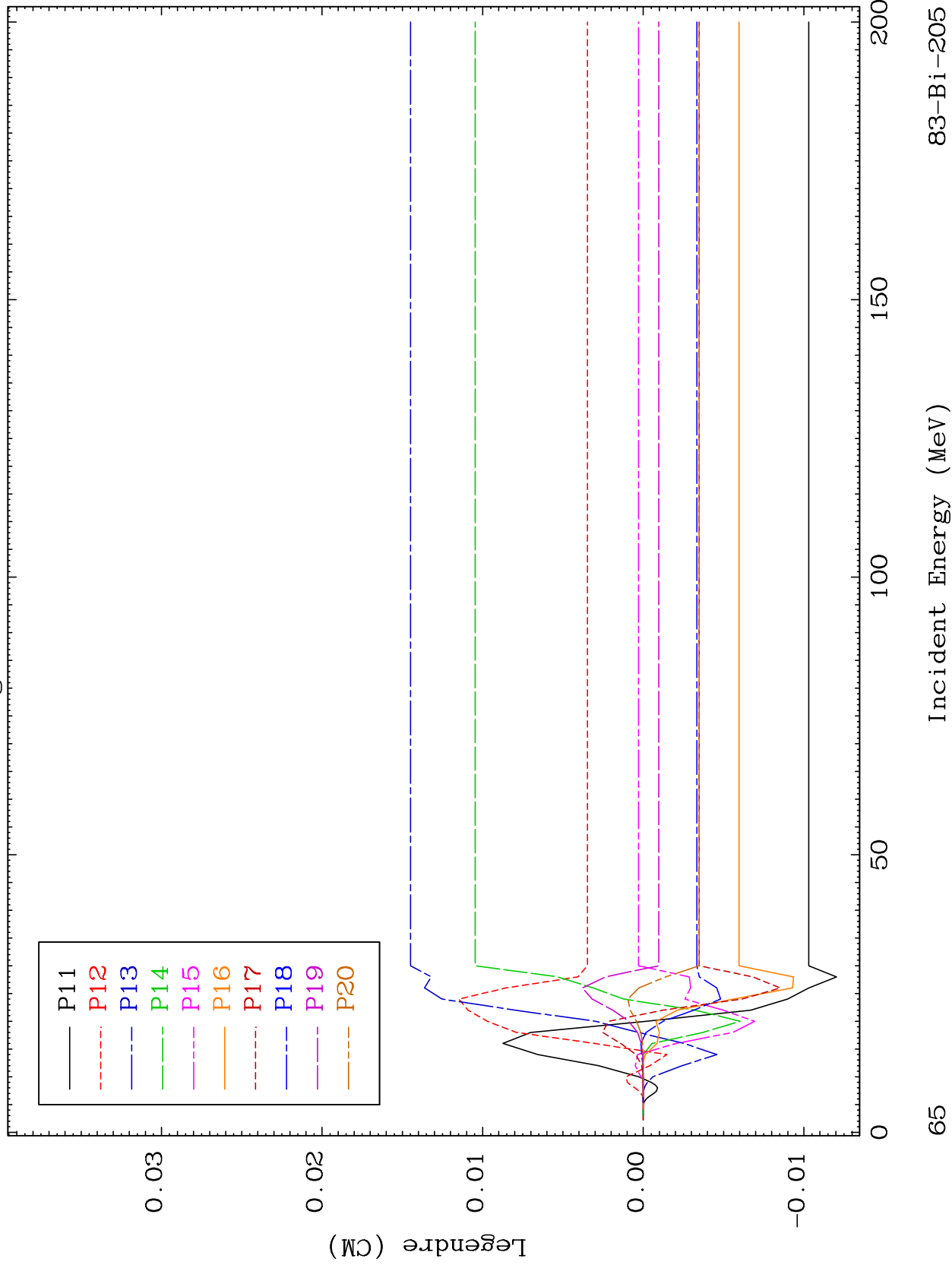
83-Bi-205



MAT 8313

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

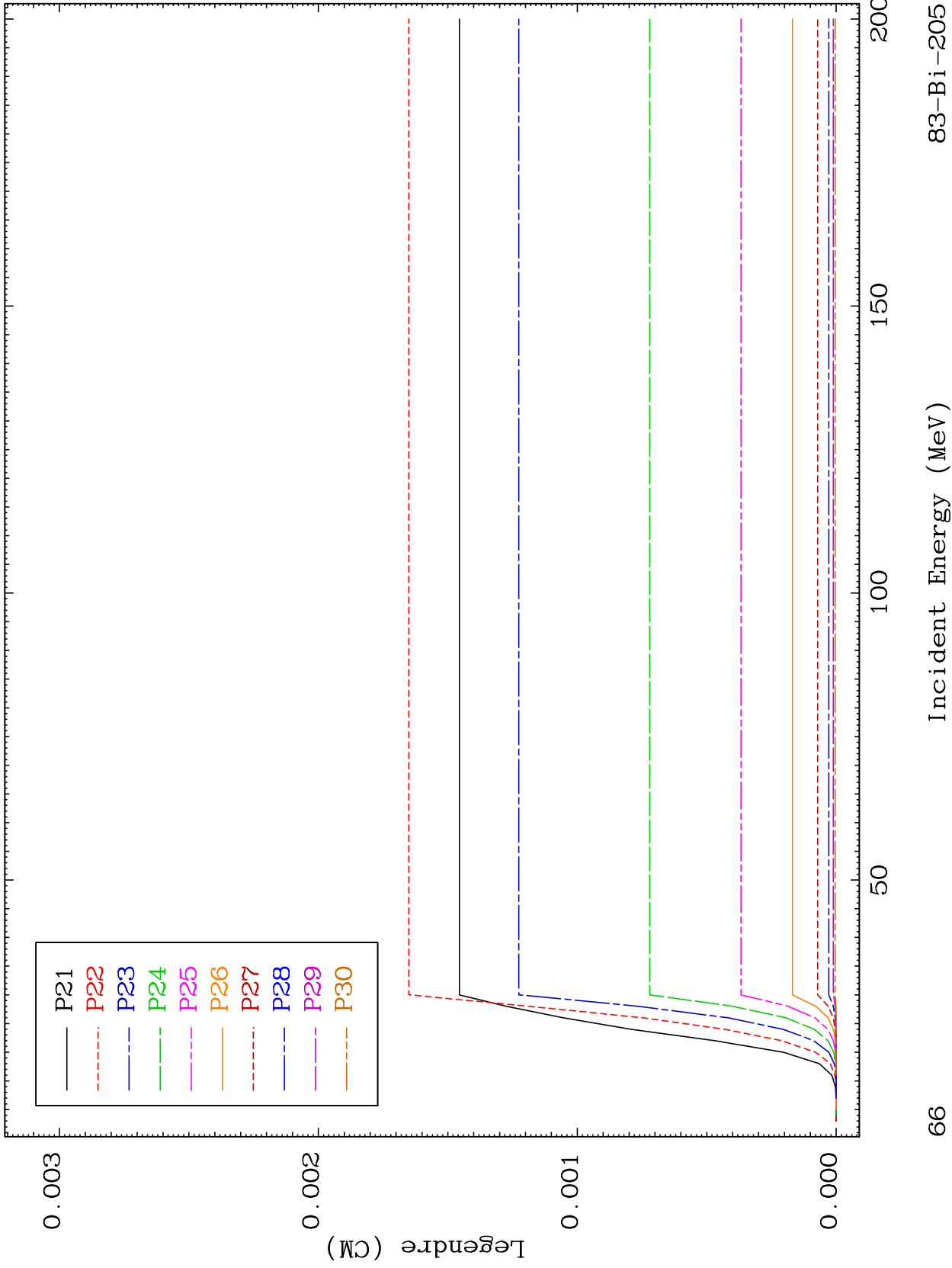
83-Bi-205



83-Bi-205

Incident Energy (MeV)

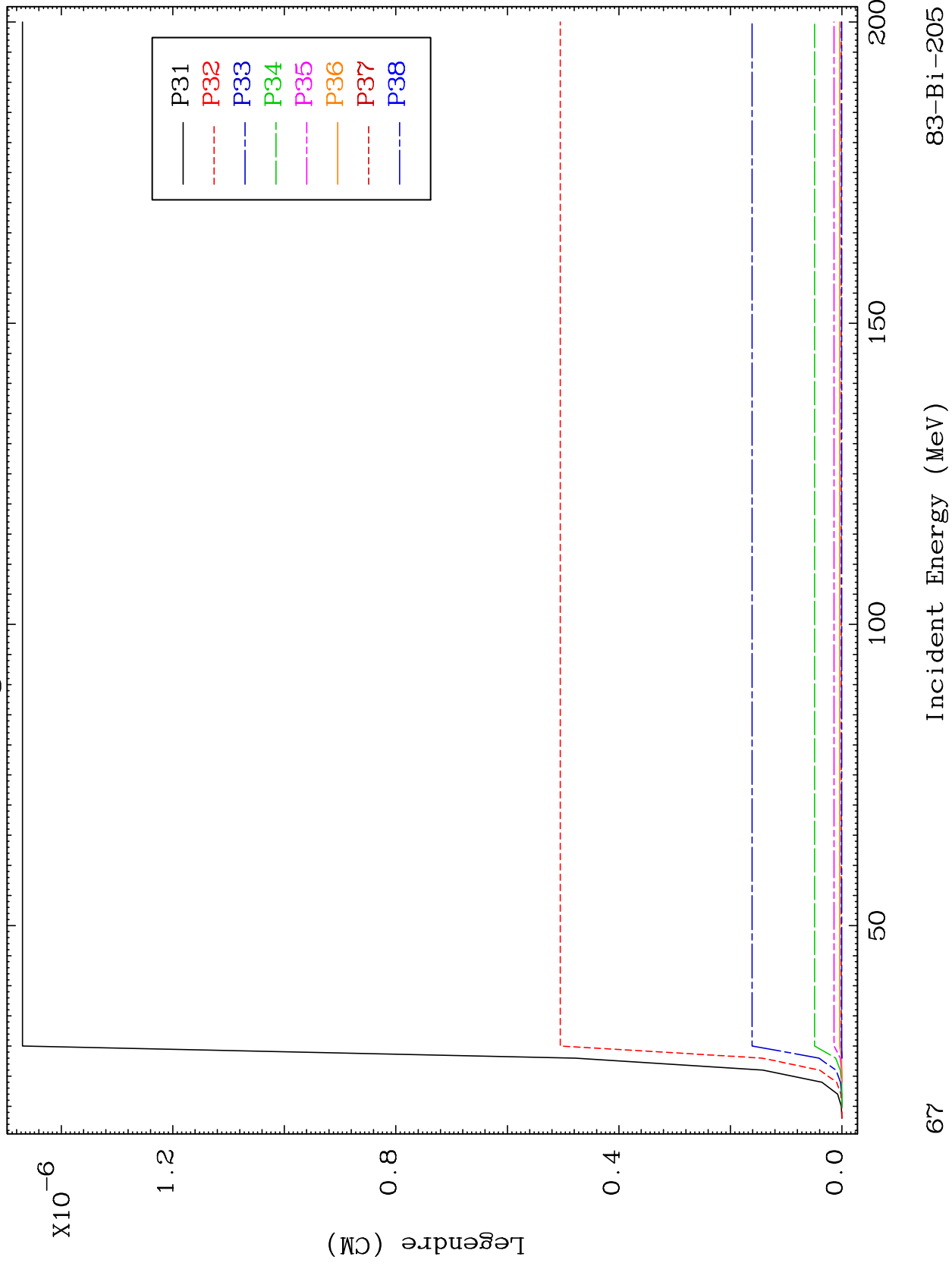
65



MAT 8313

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

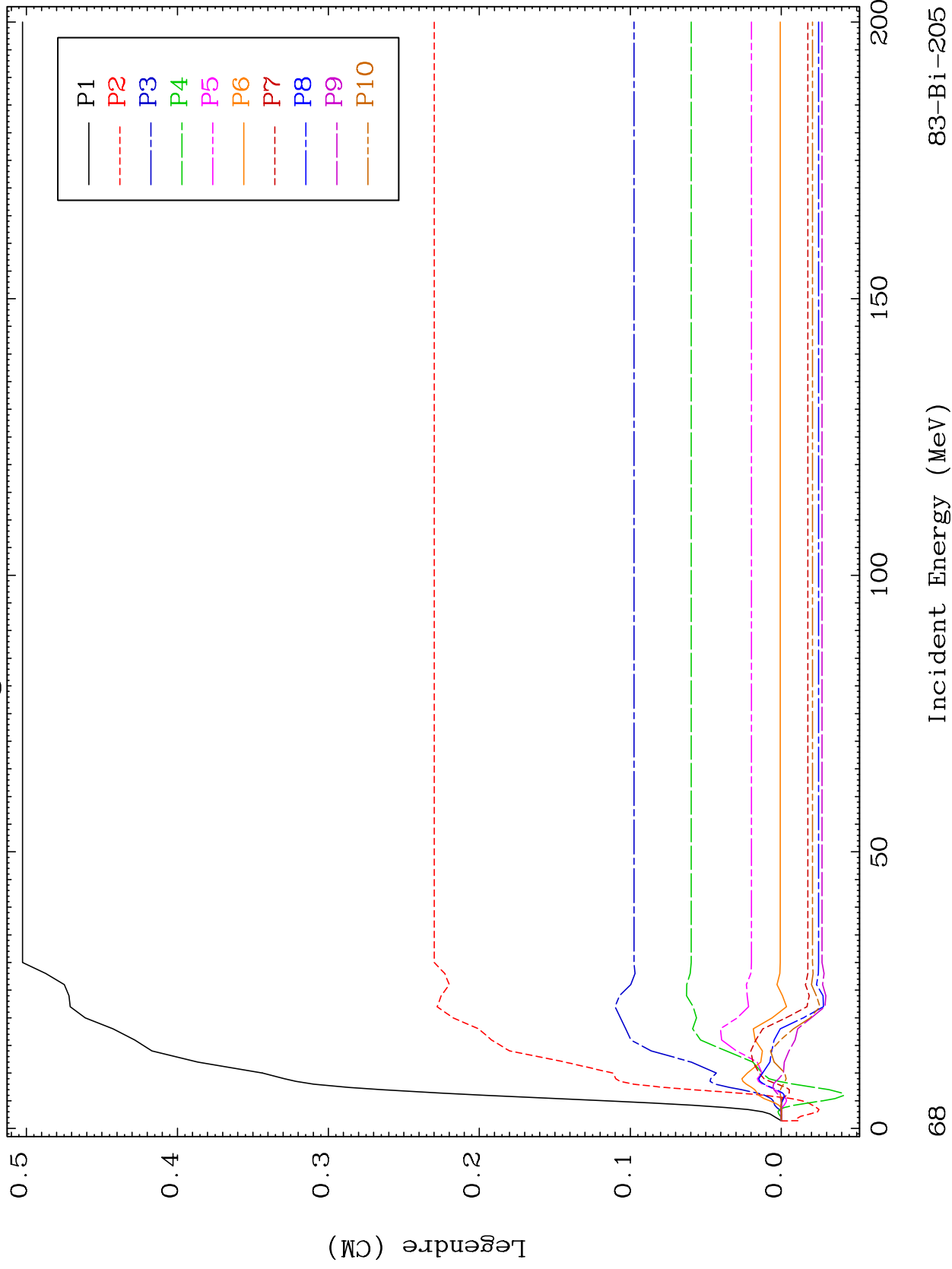
83-Bi-205



MAT 8313

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

83-Bi-205



83-Bi-205

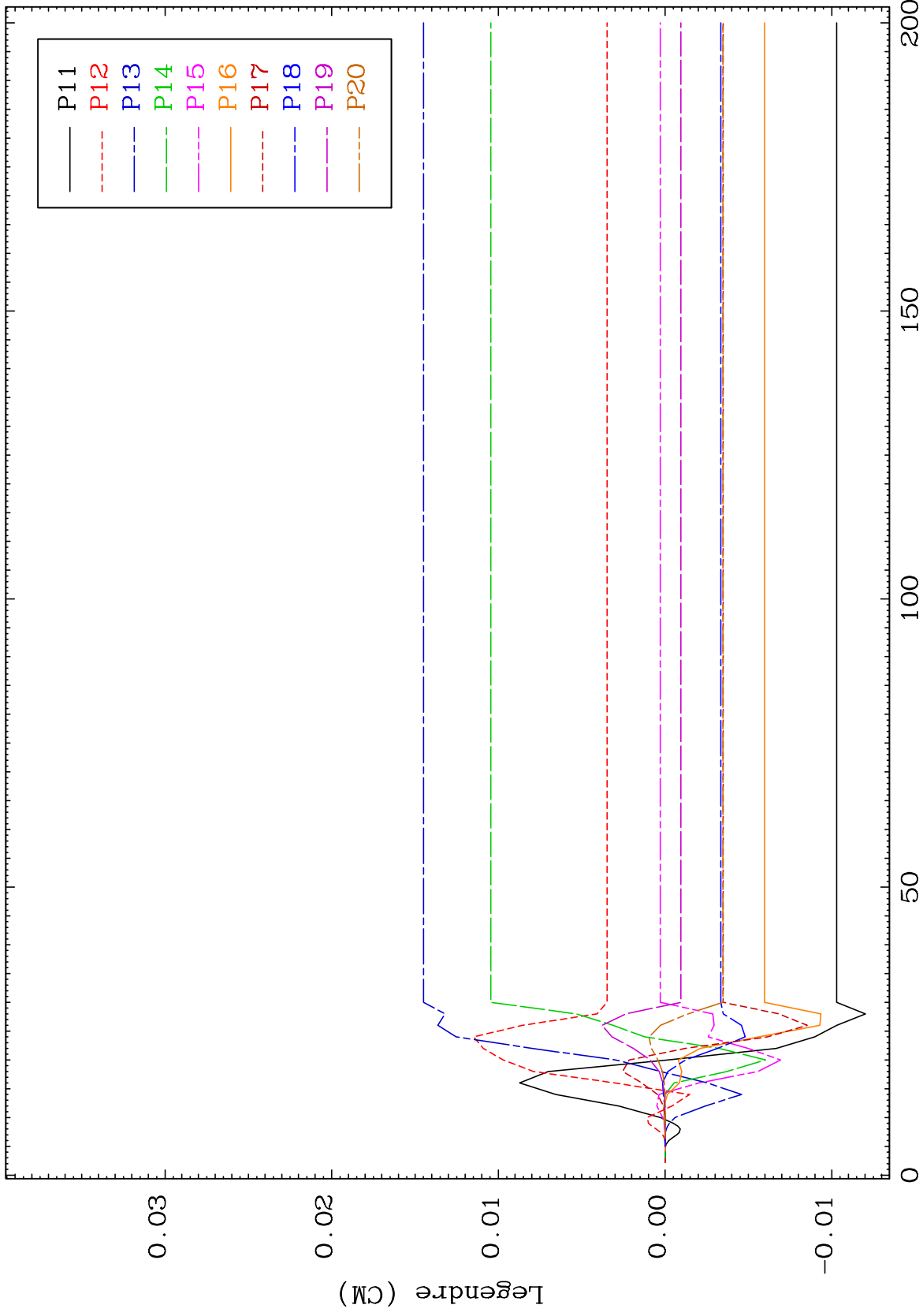
Incident Energy (MeV)

68

MAT 8313

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

83-Bi-205



69

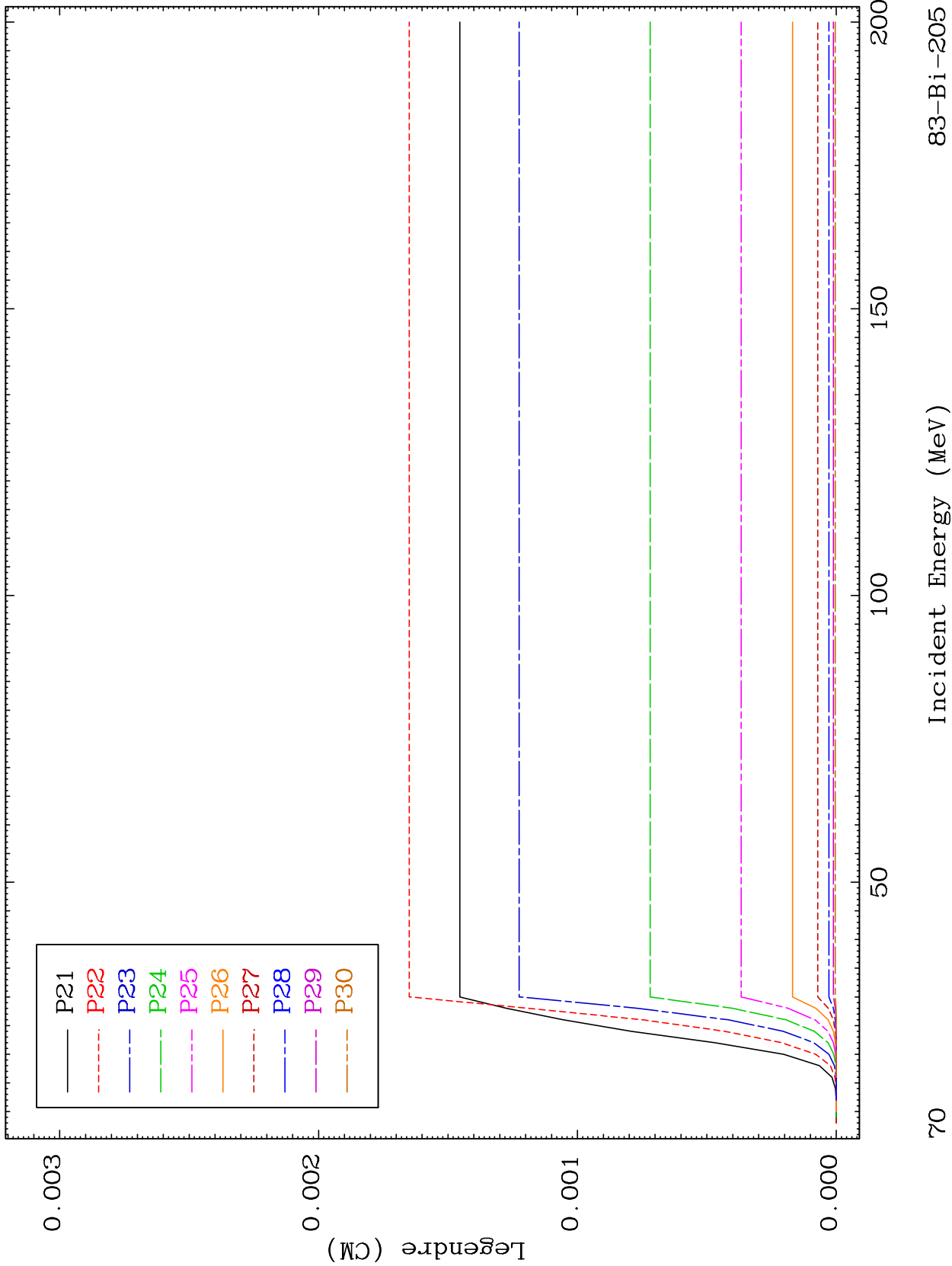
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



70

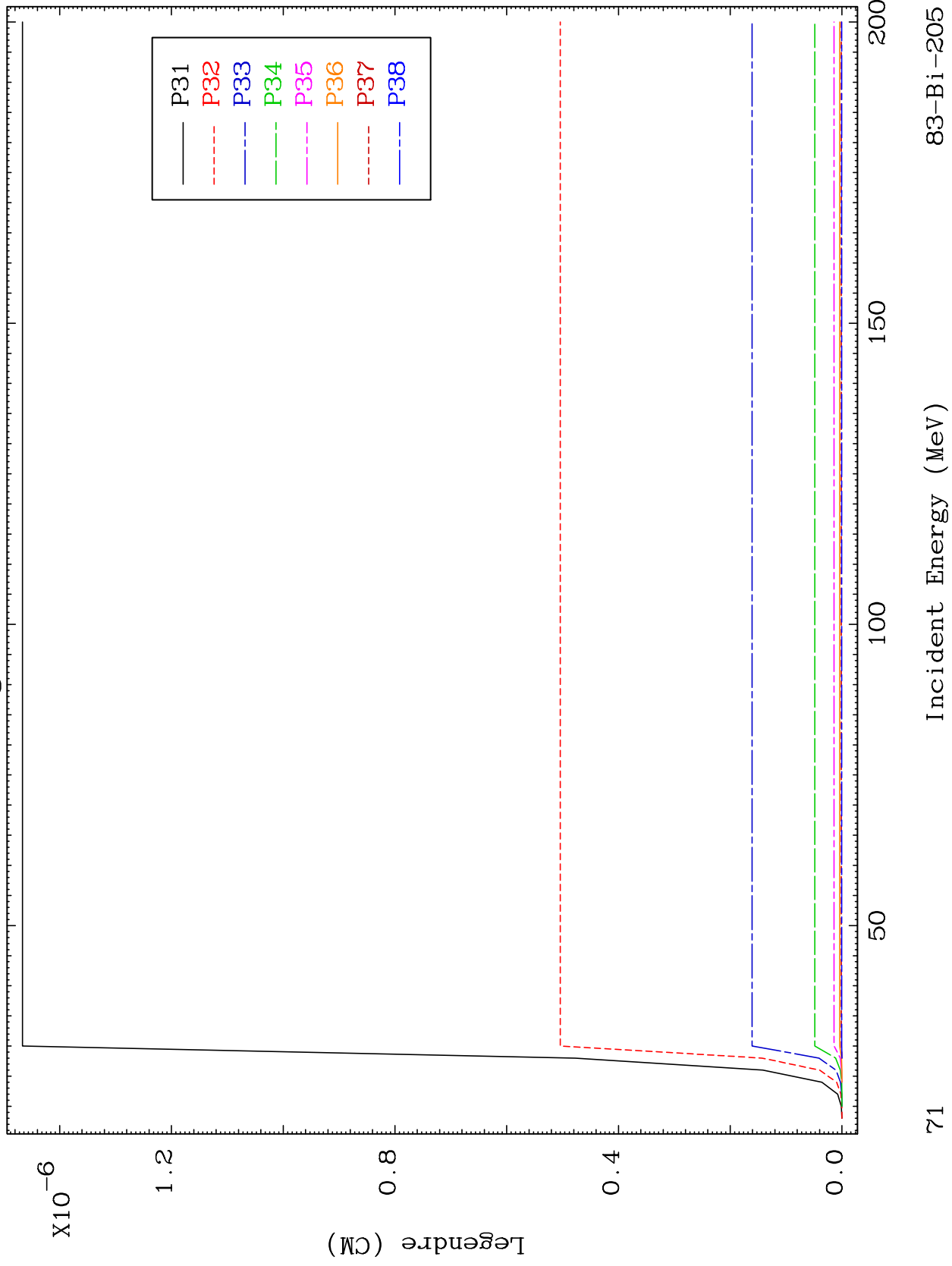
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

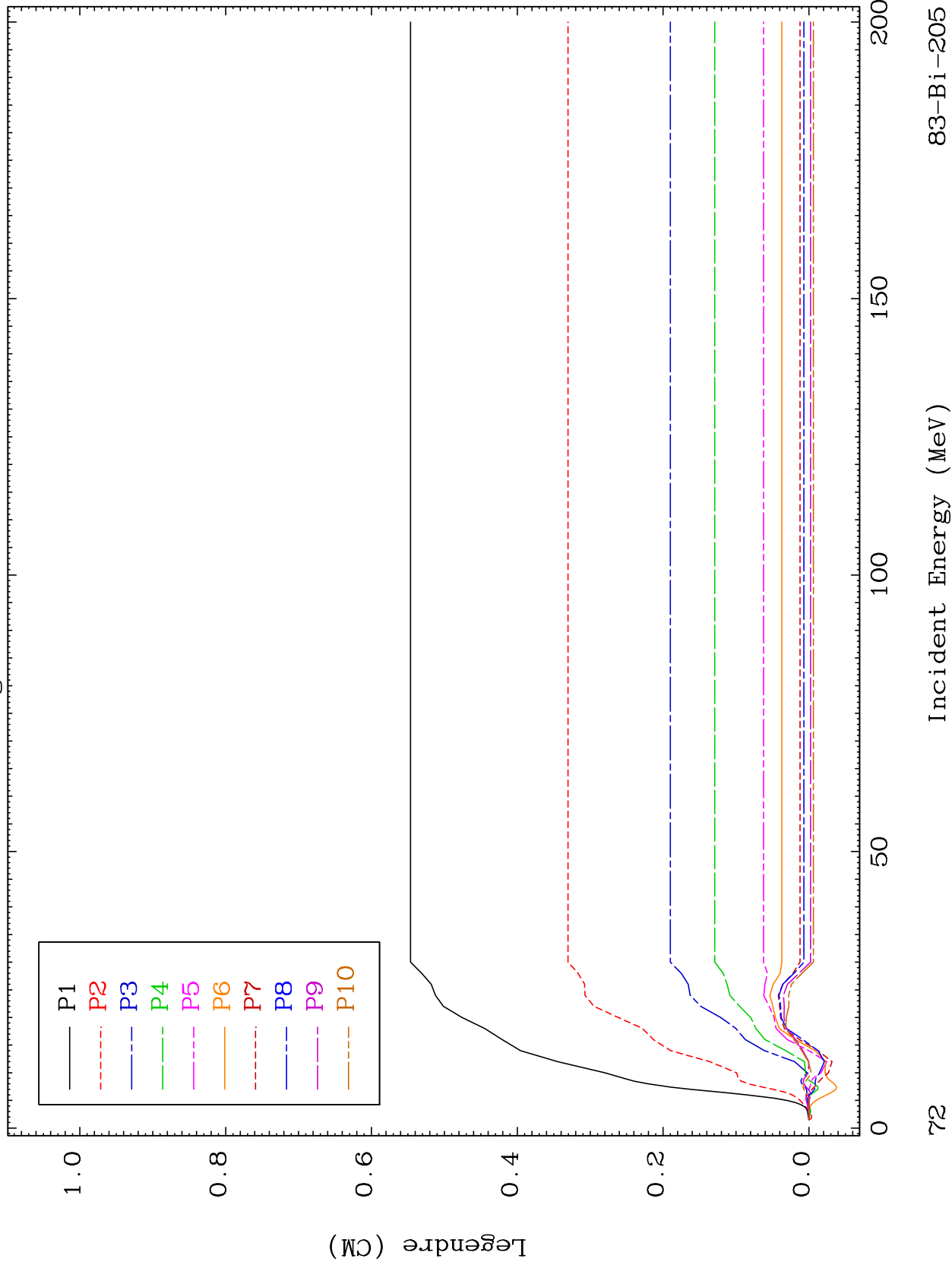
83-Bi-205



MAT 8313

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

83-Bi-205

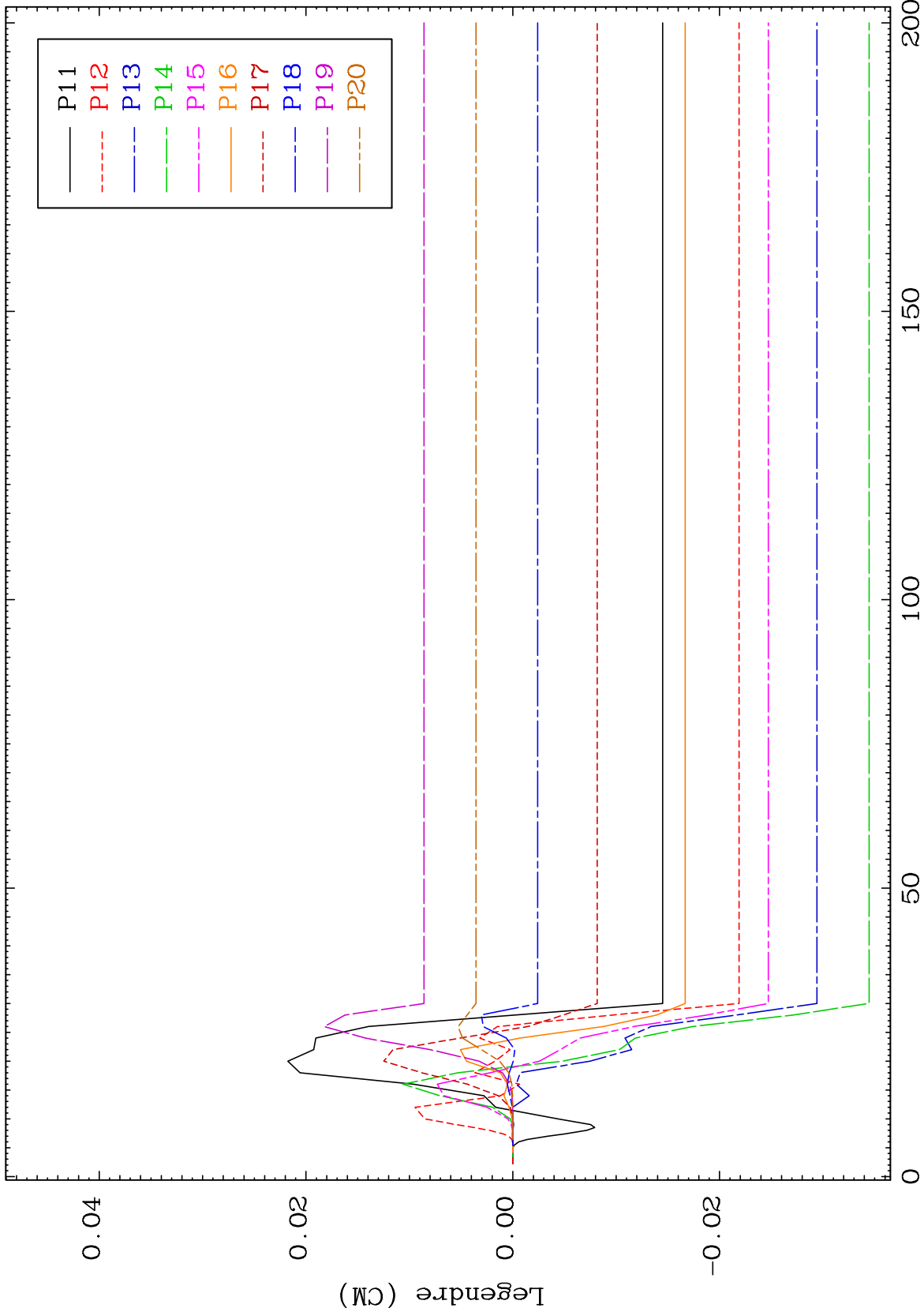


72

MAT 8313

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

83-Bi-205



73

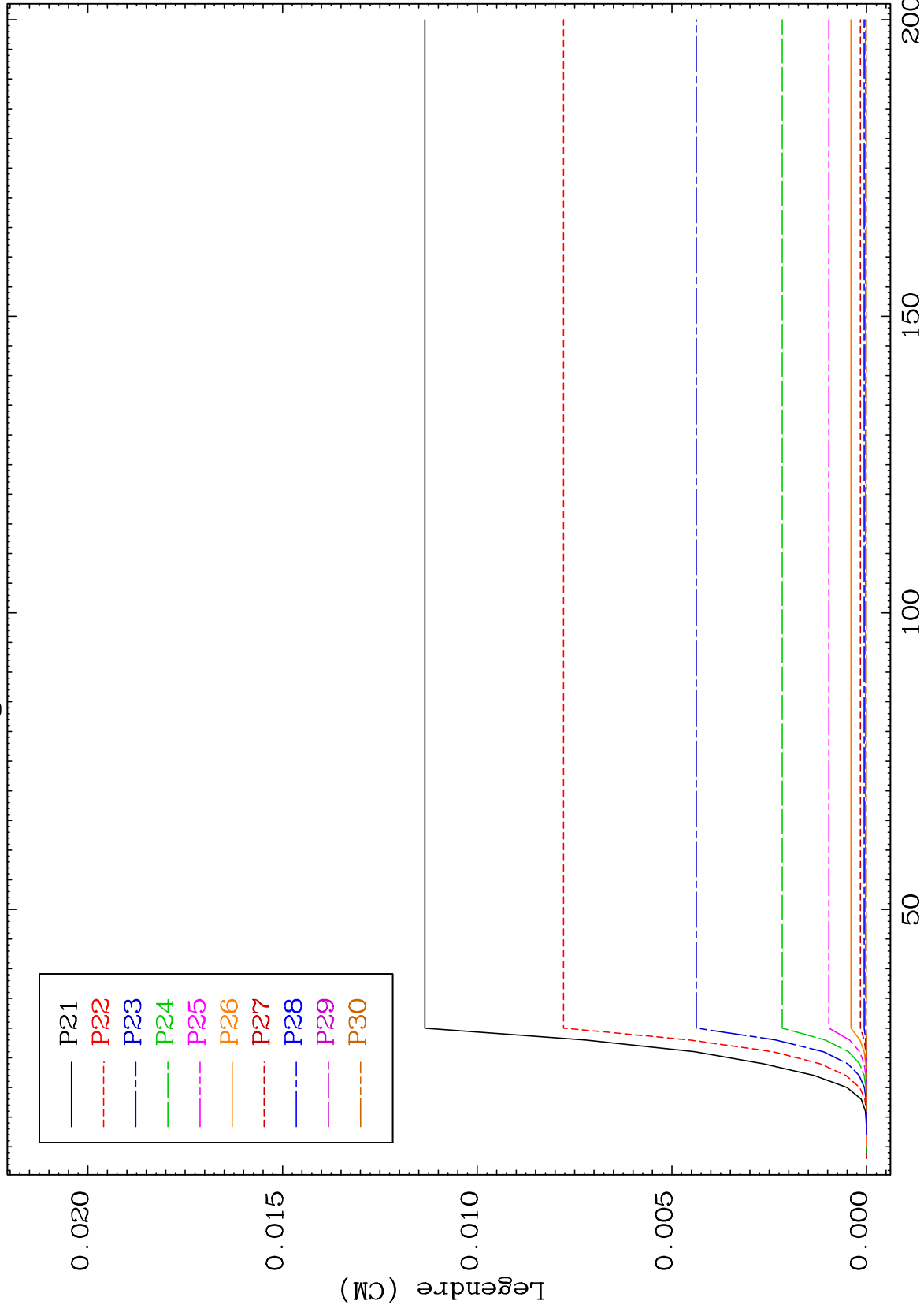
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



74

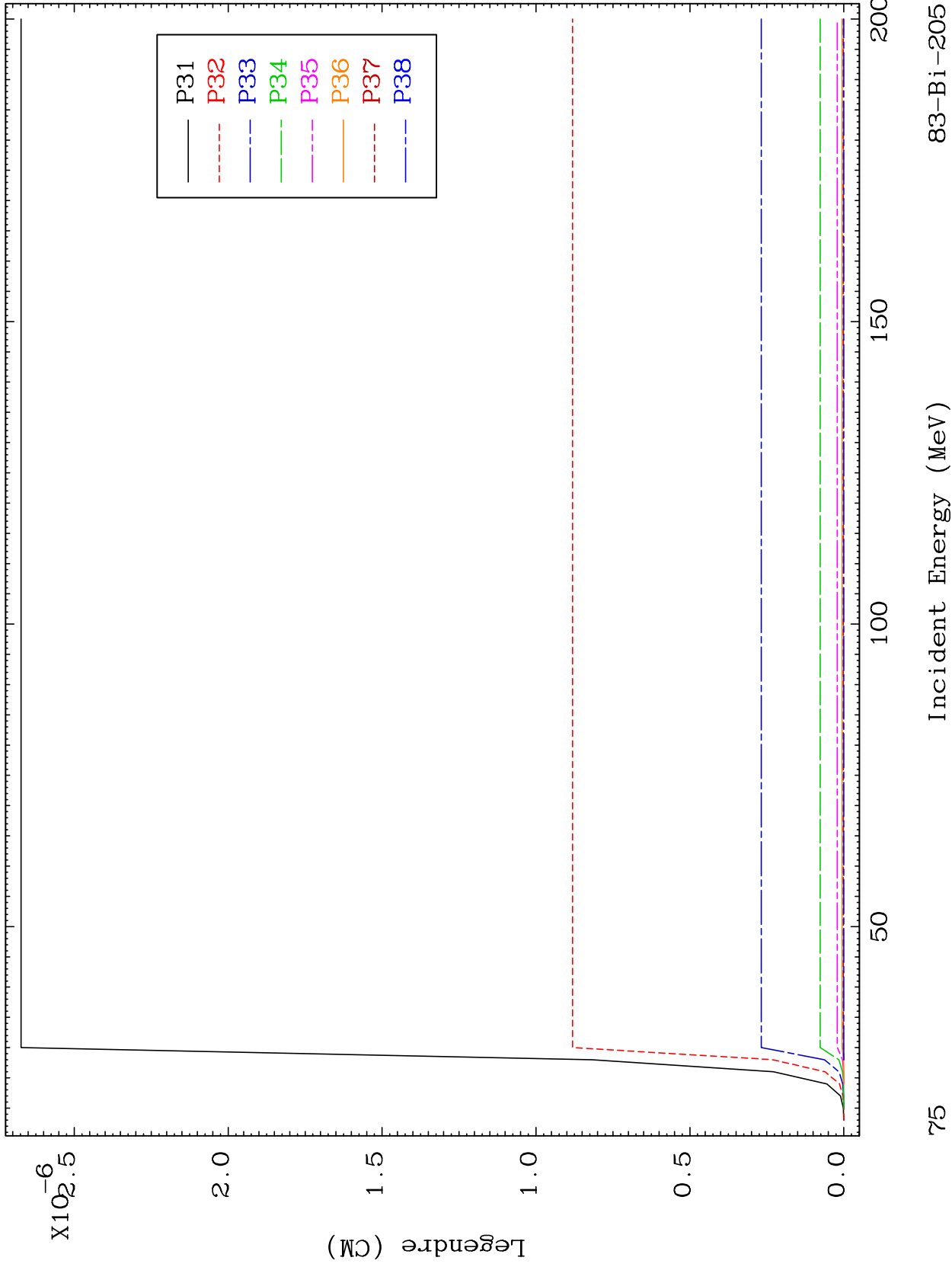
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



75

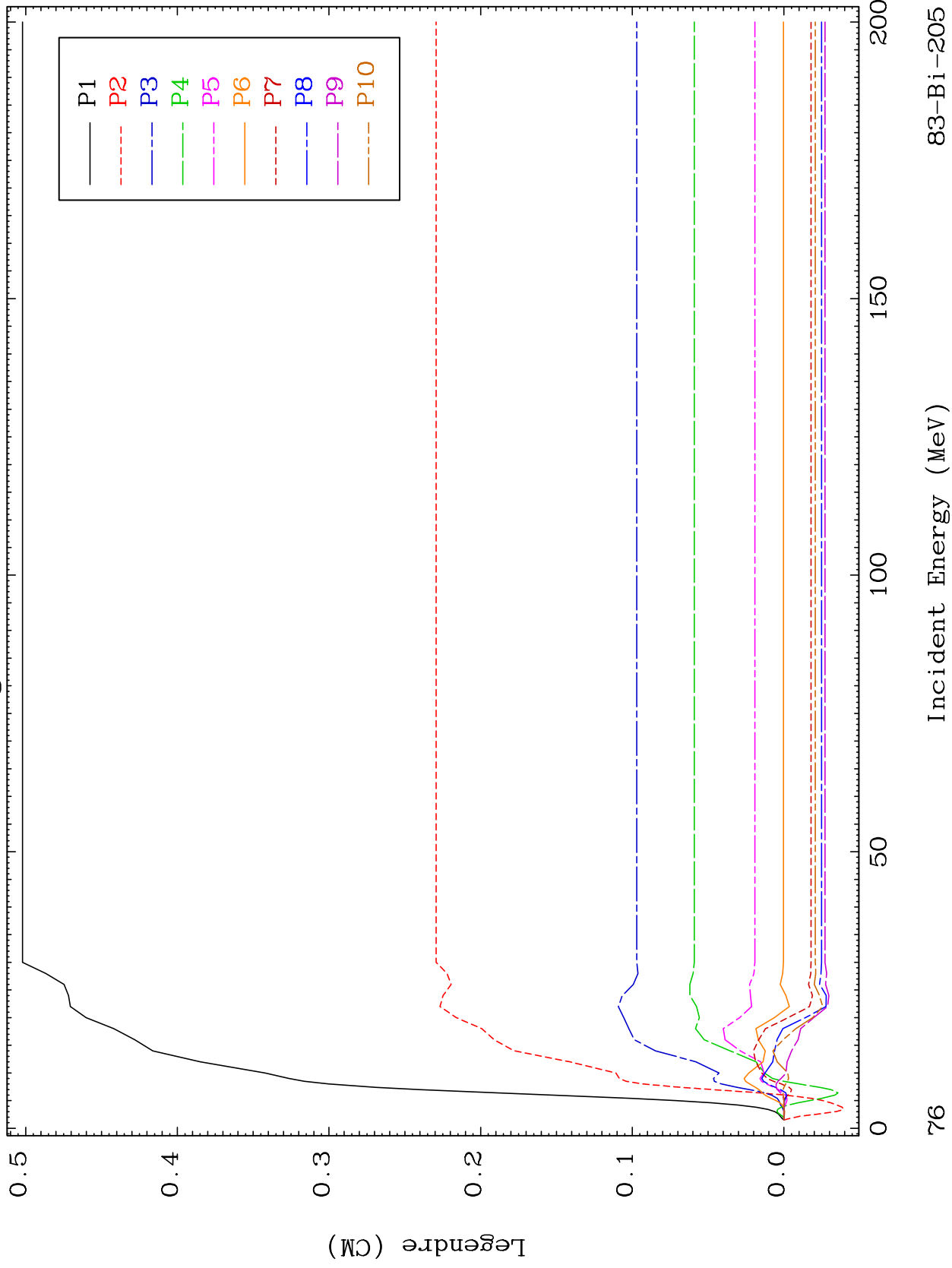
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

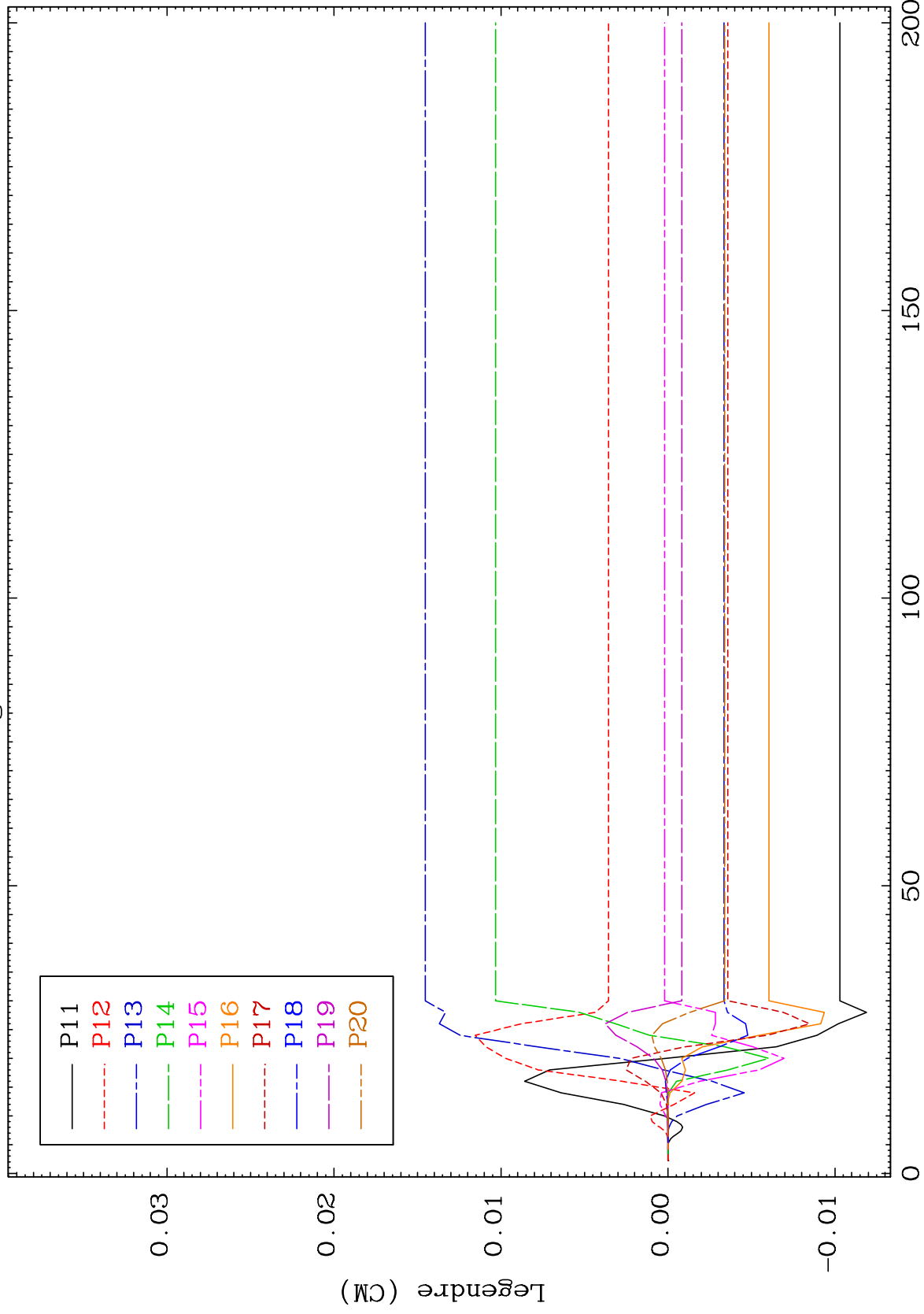
83-Bi-205



MAT 8313

83-Bi-205

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



77

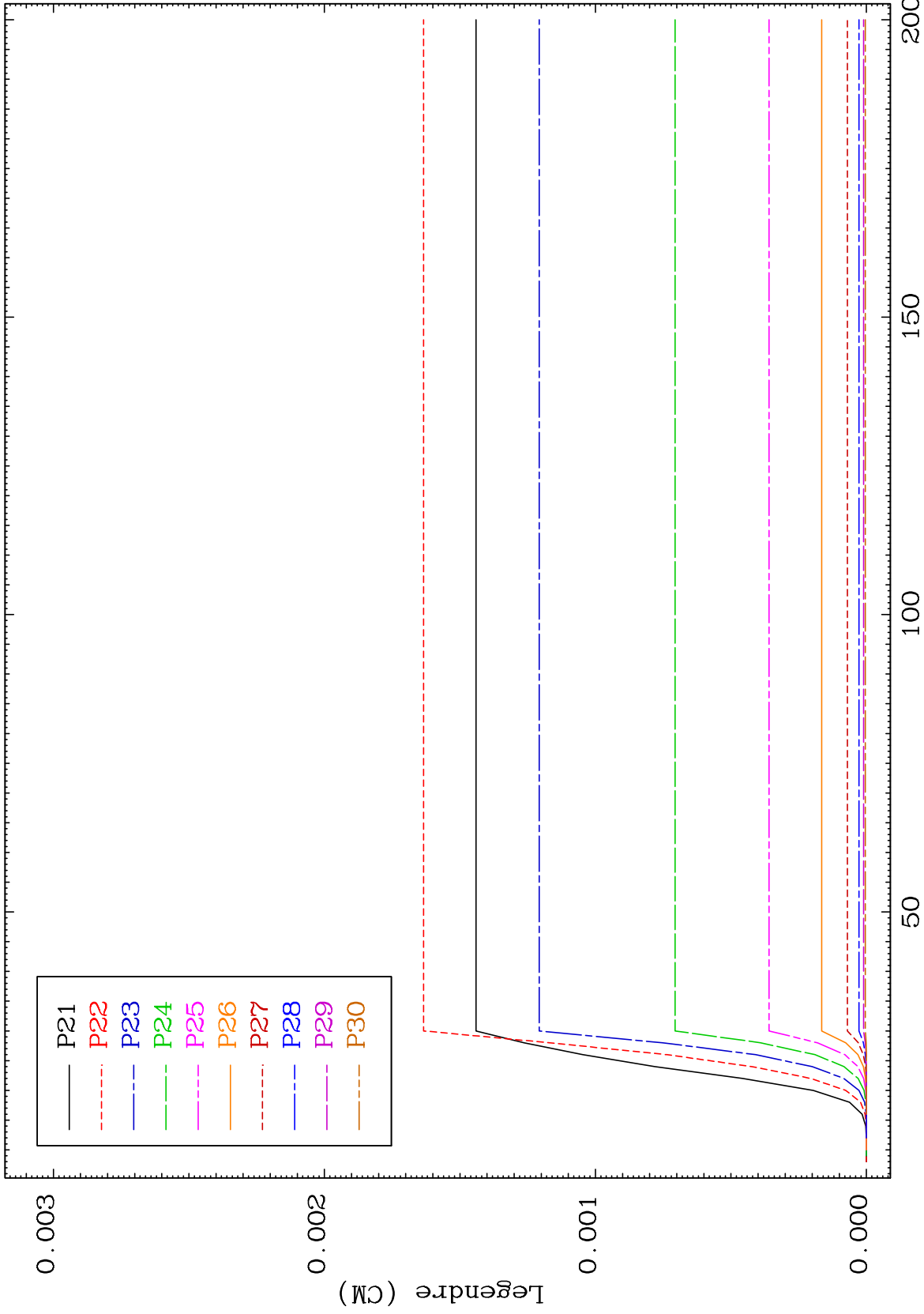
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



78

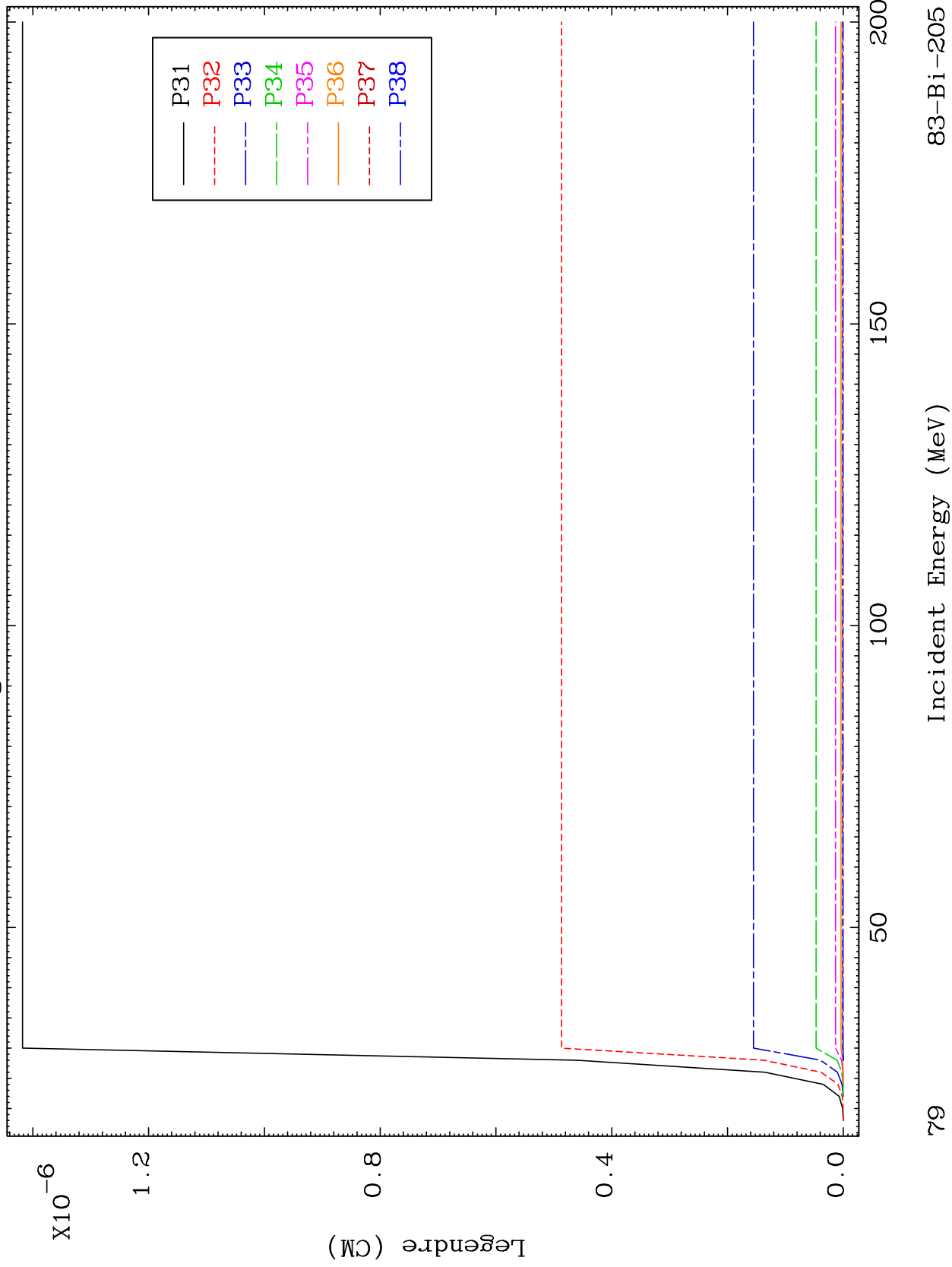
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

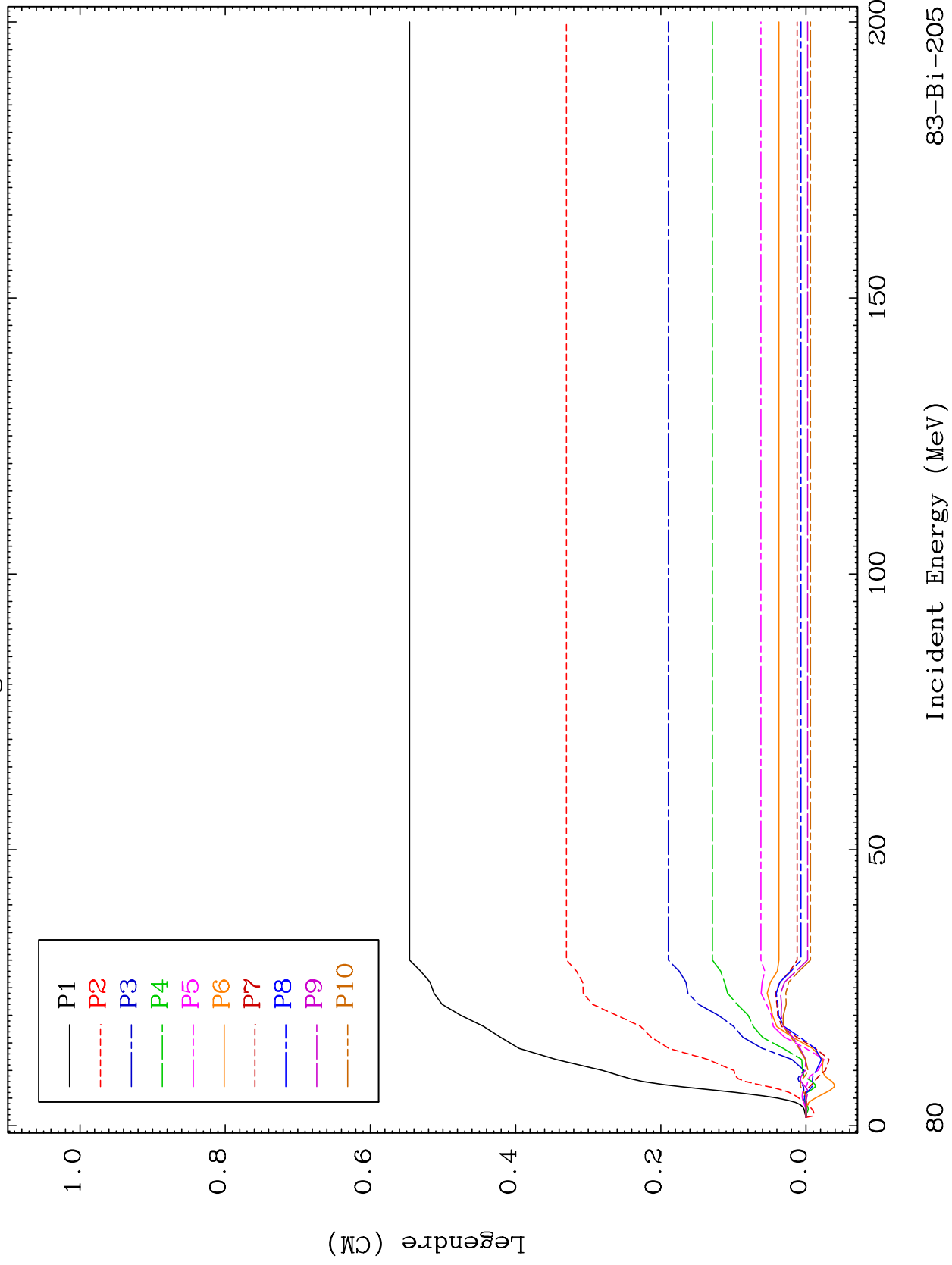
83-Bi-205



MAT 8313

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

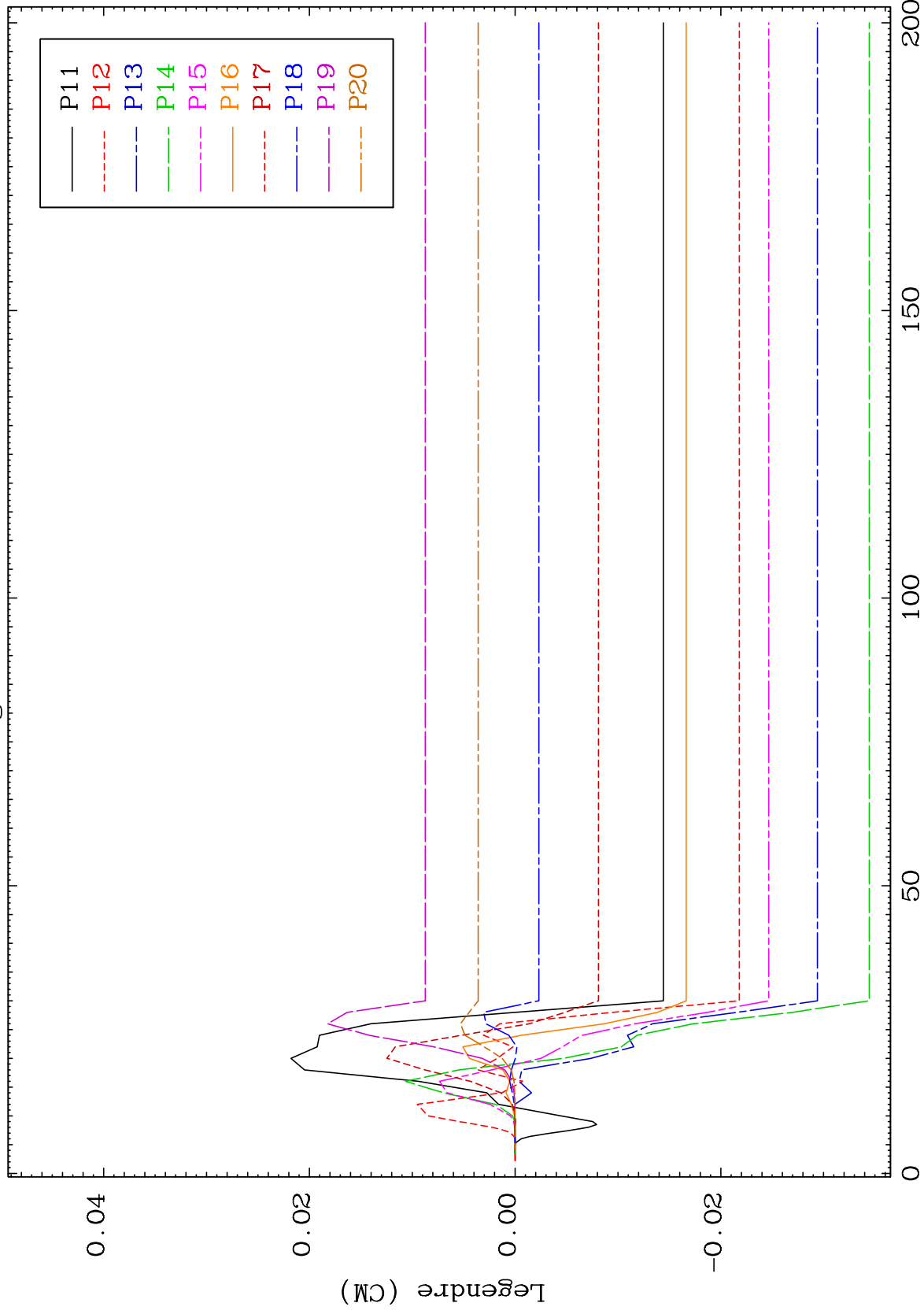
83-Bi-205



MAT 8313

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

83-Bi-205



81

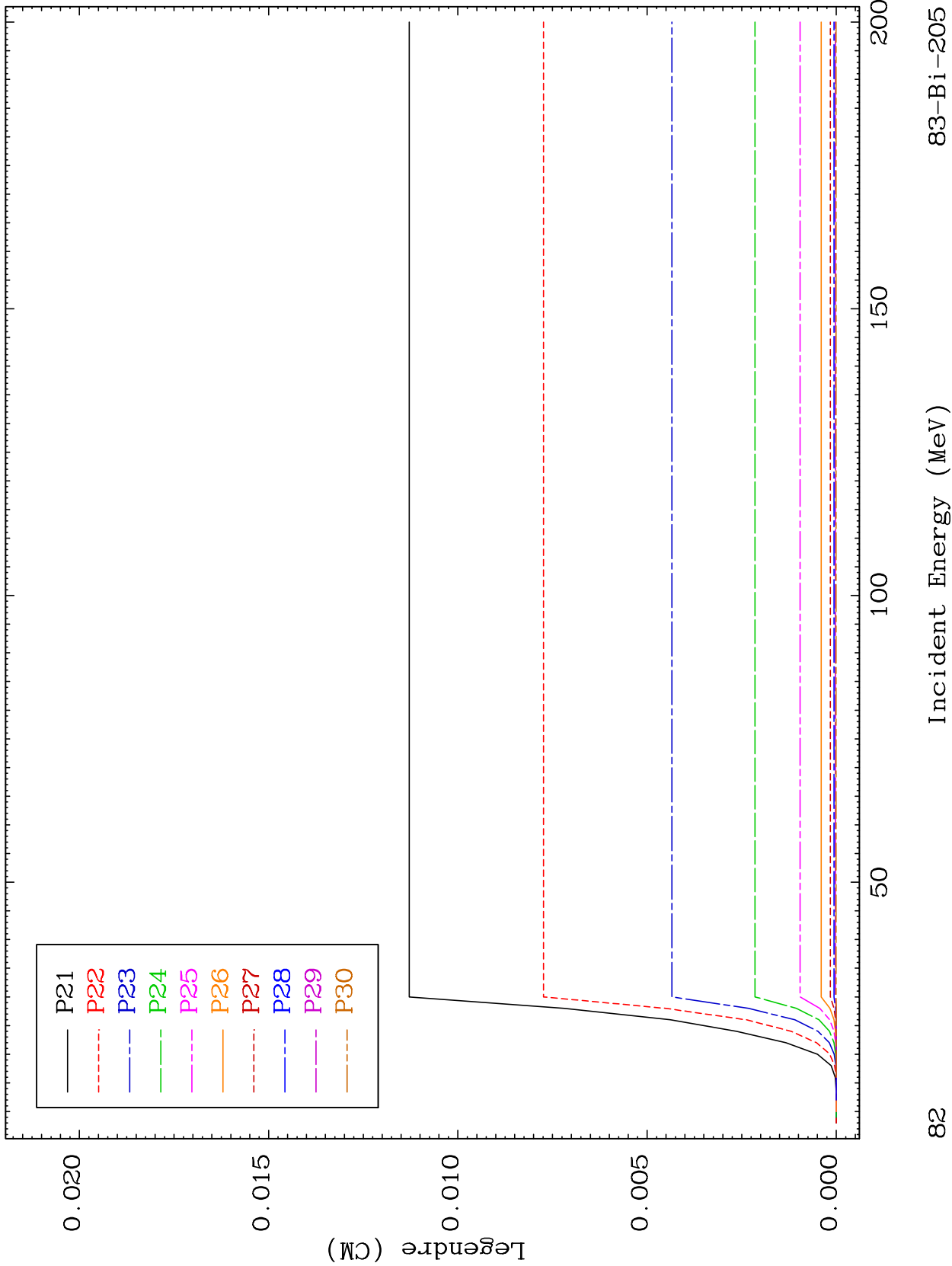
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



82

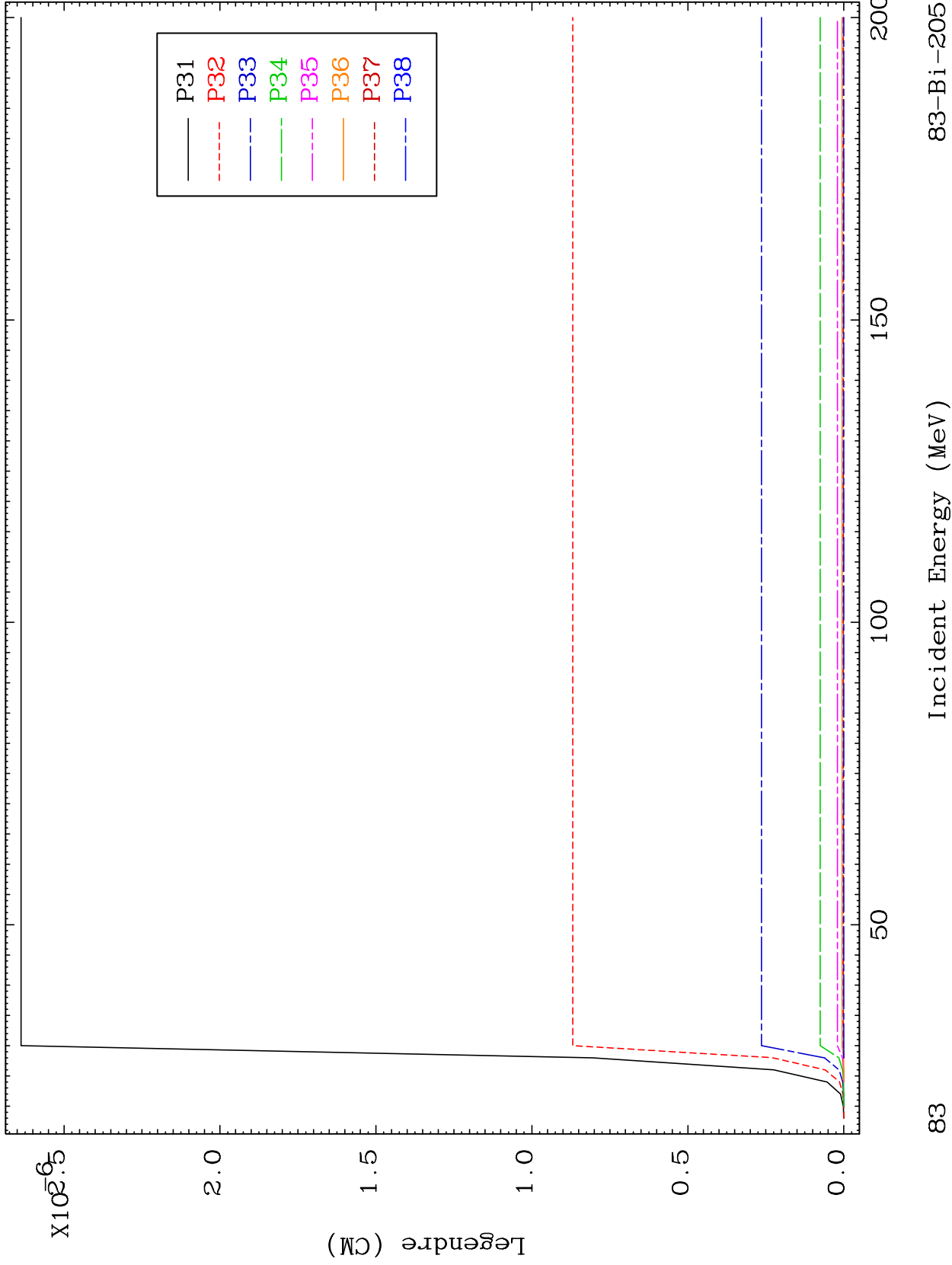
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



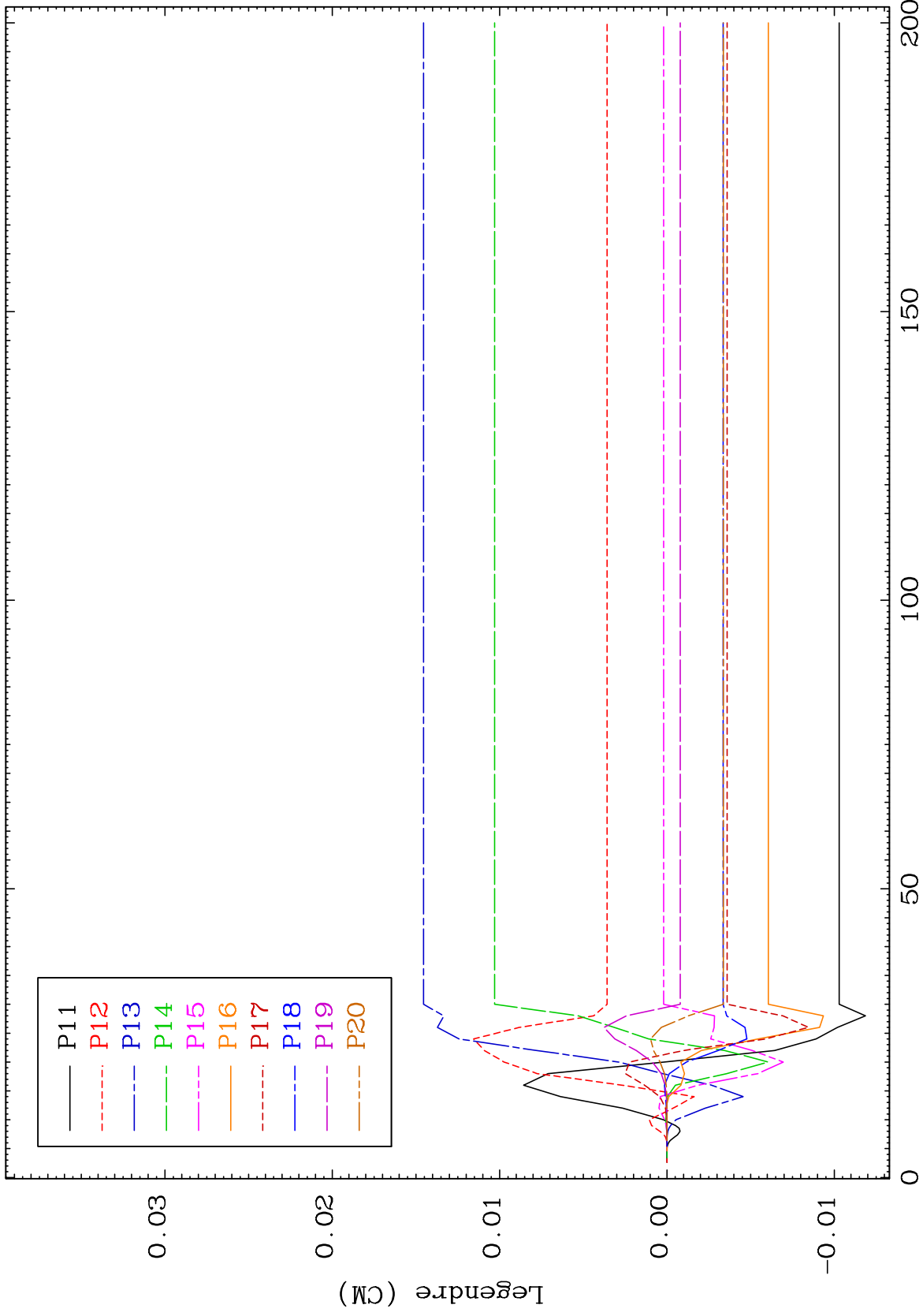
83

83-Bi-205

MAT 8313

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

83-Bi-205



85

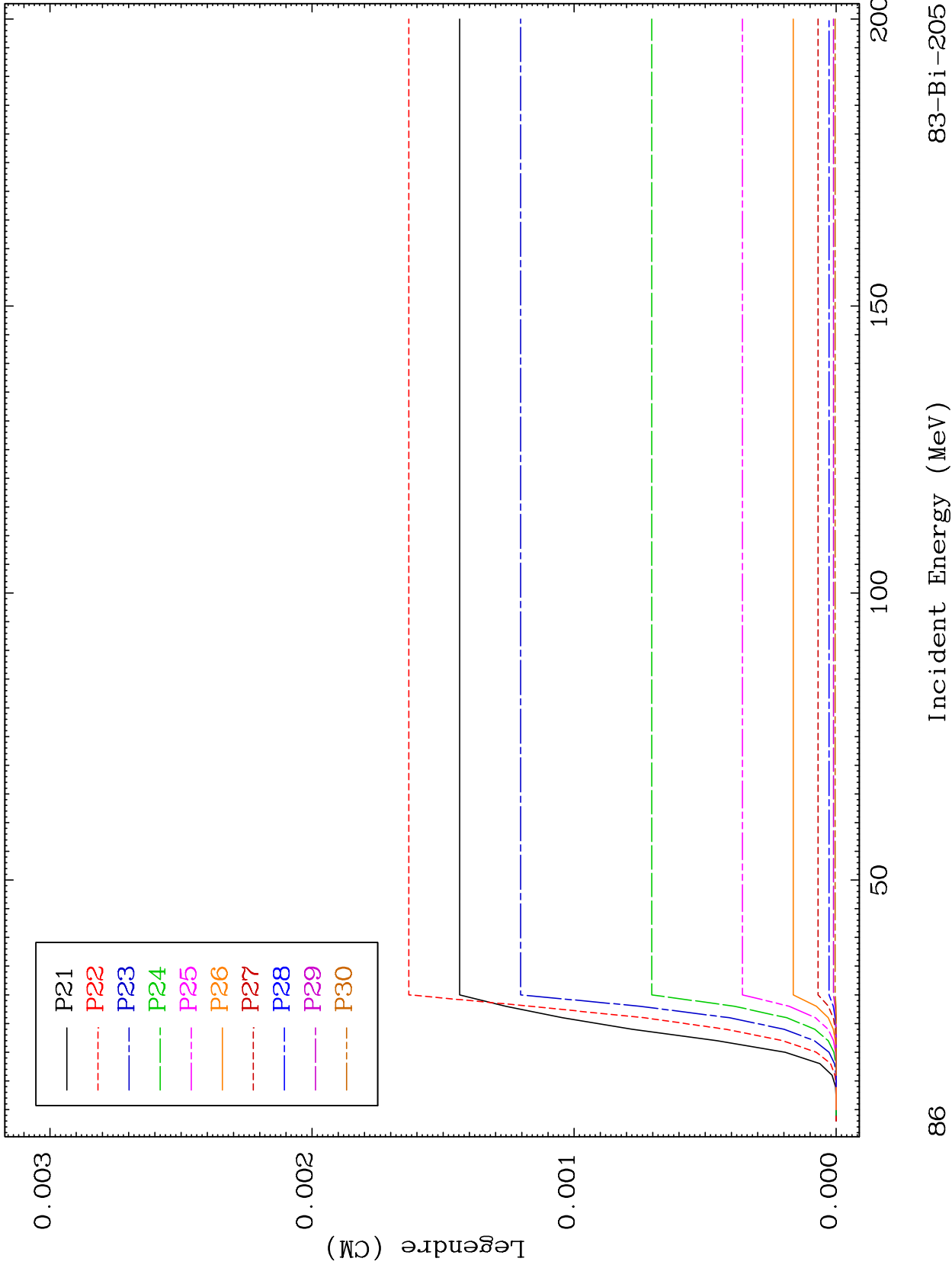
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



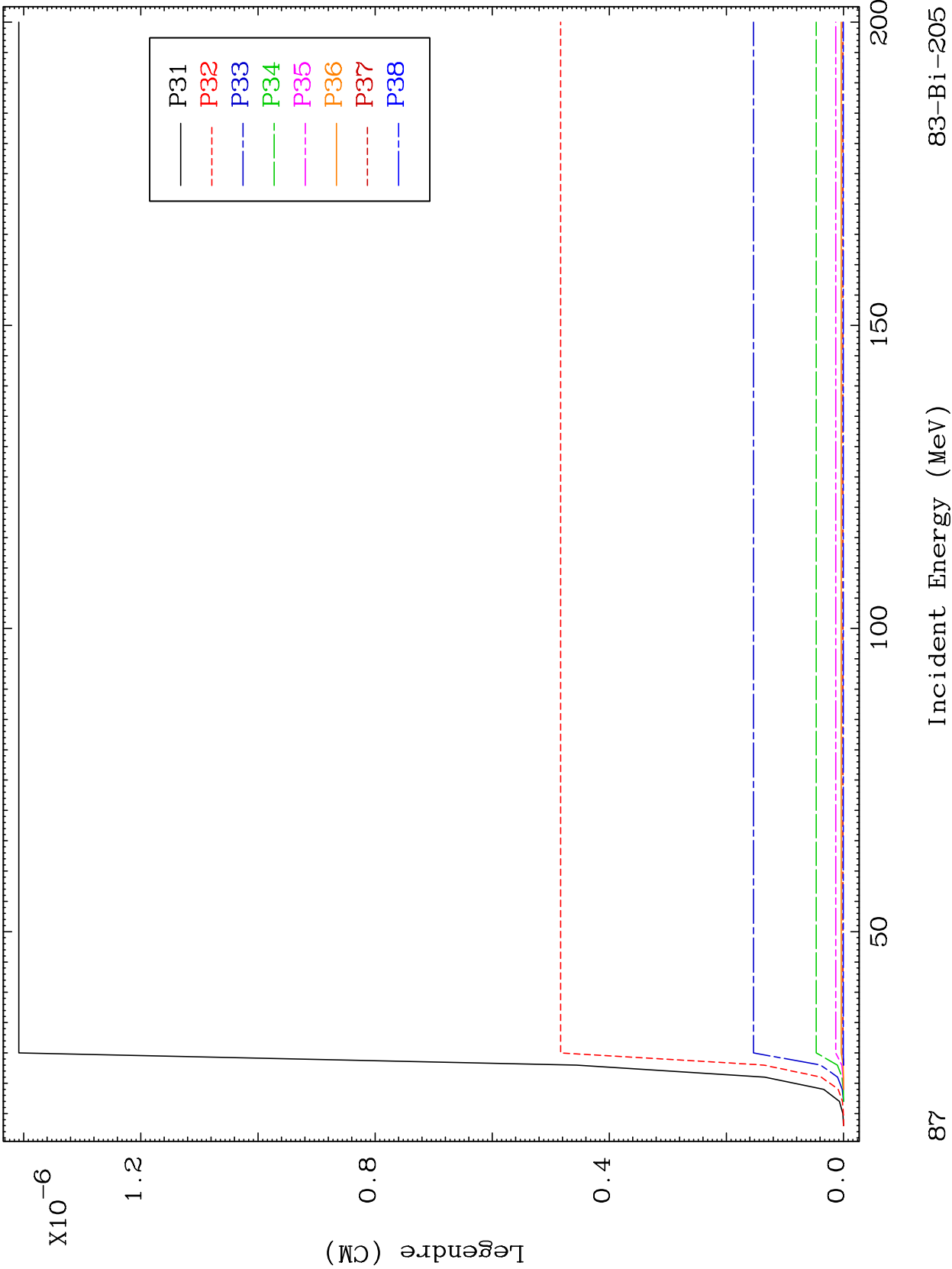
86

83-Bi-205

MAT 8313

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

83-Bi-205



87

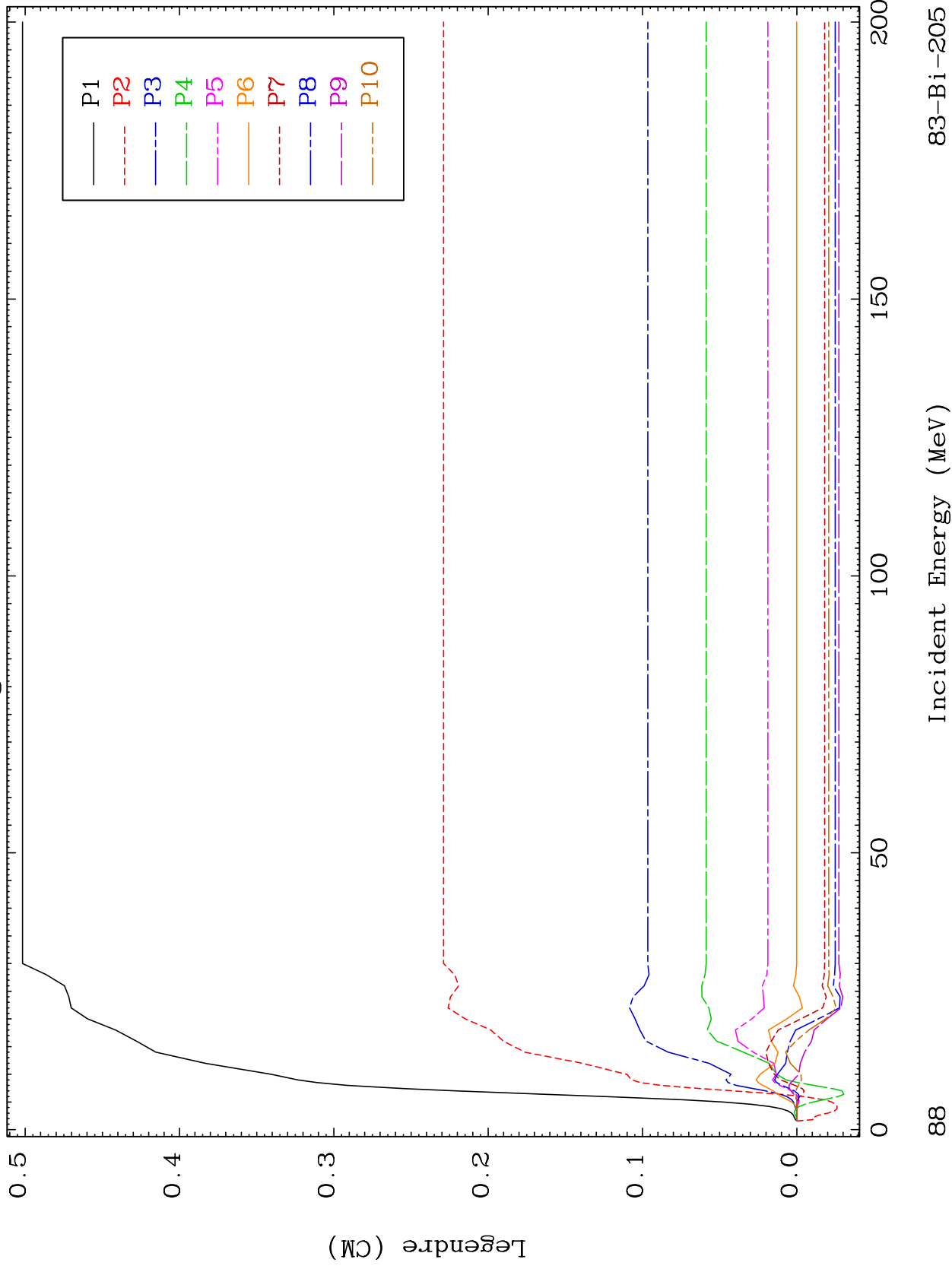
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

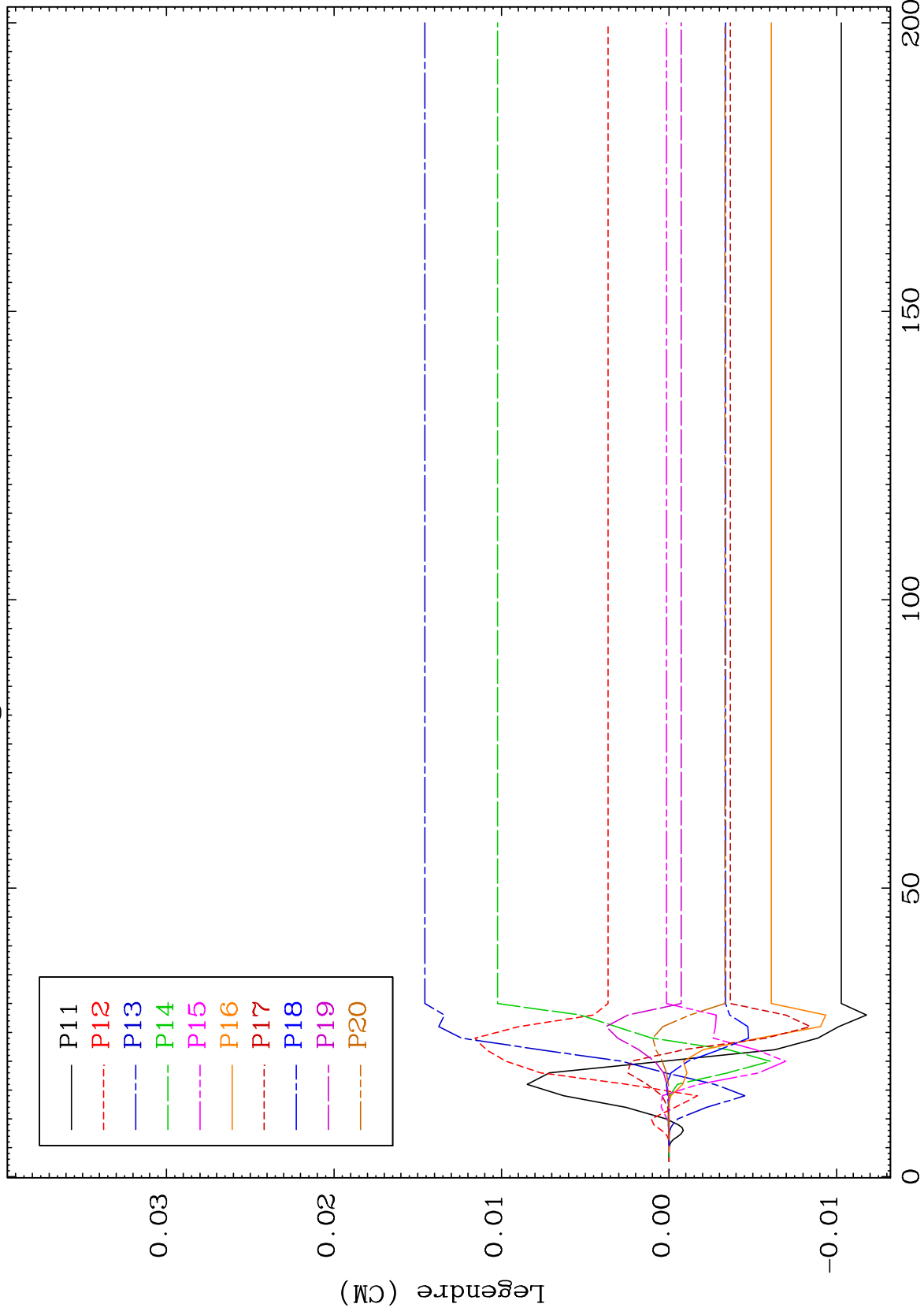
83-Bi-205



MAT 8313

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

83-Bi-205



89

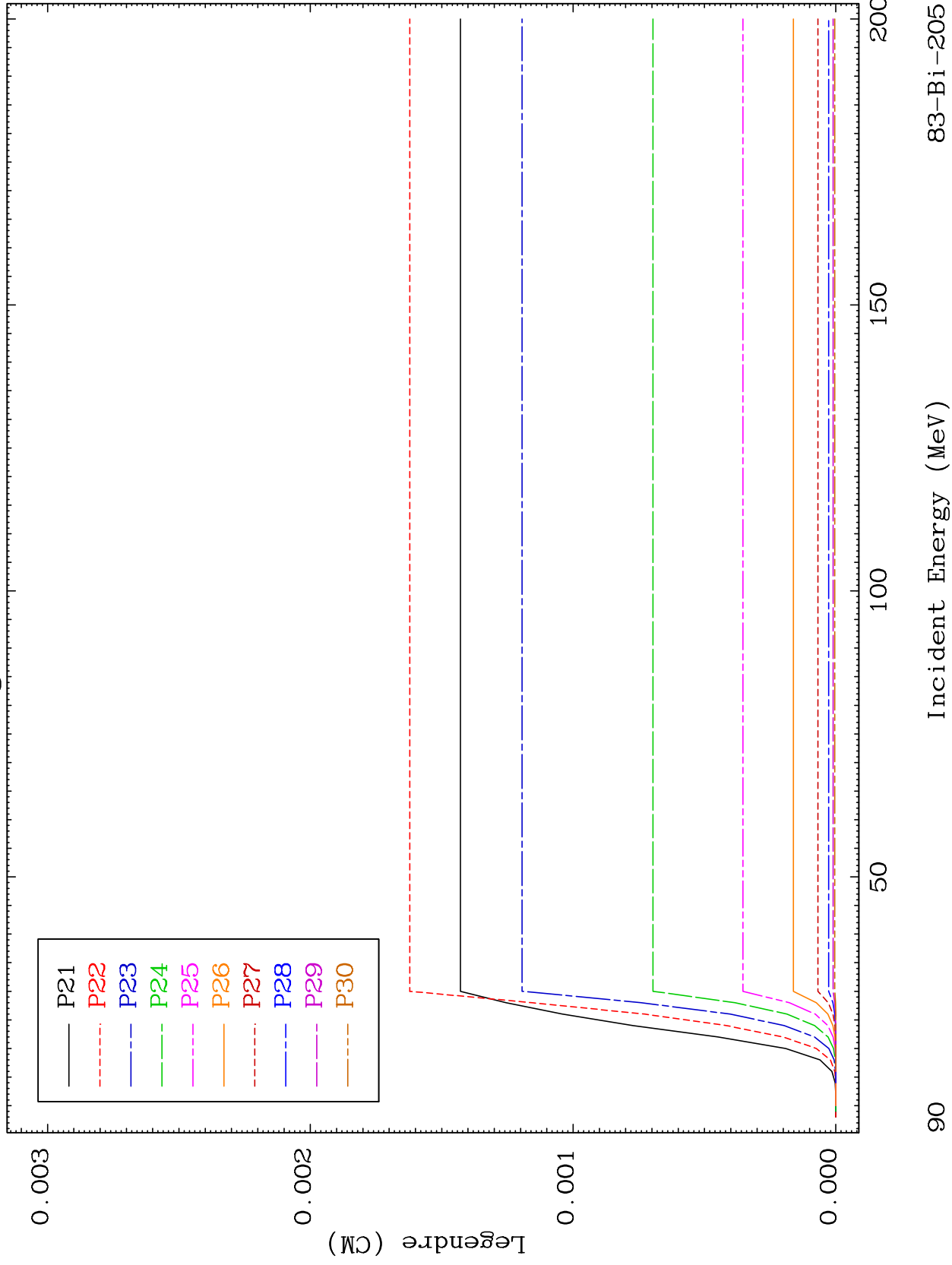
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



90

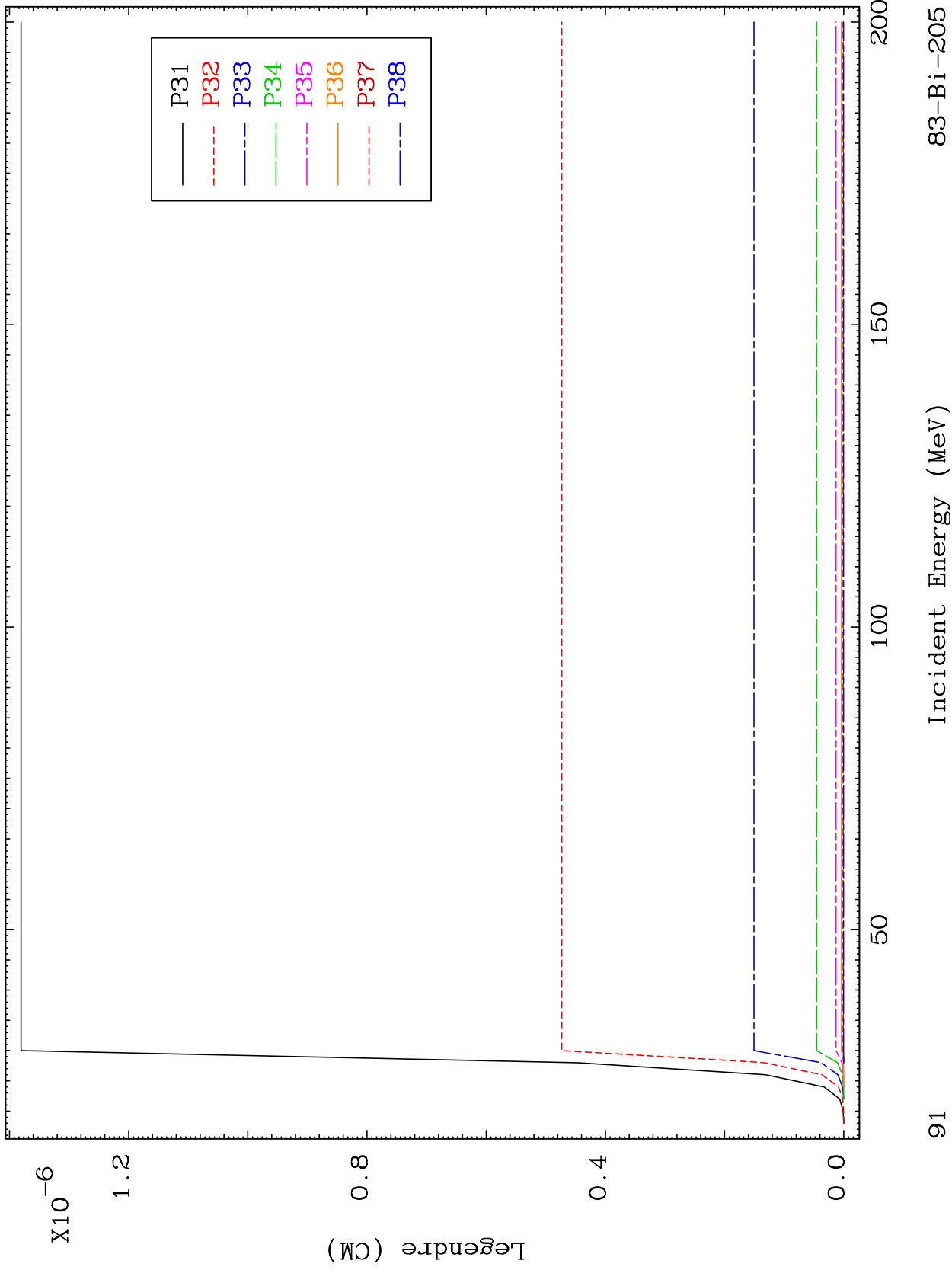
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



91

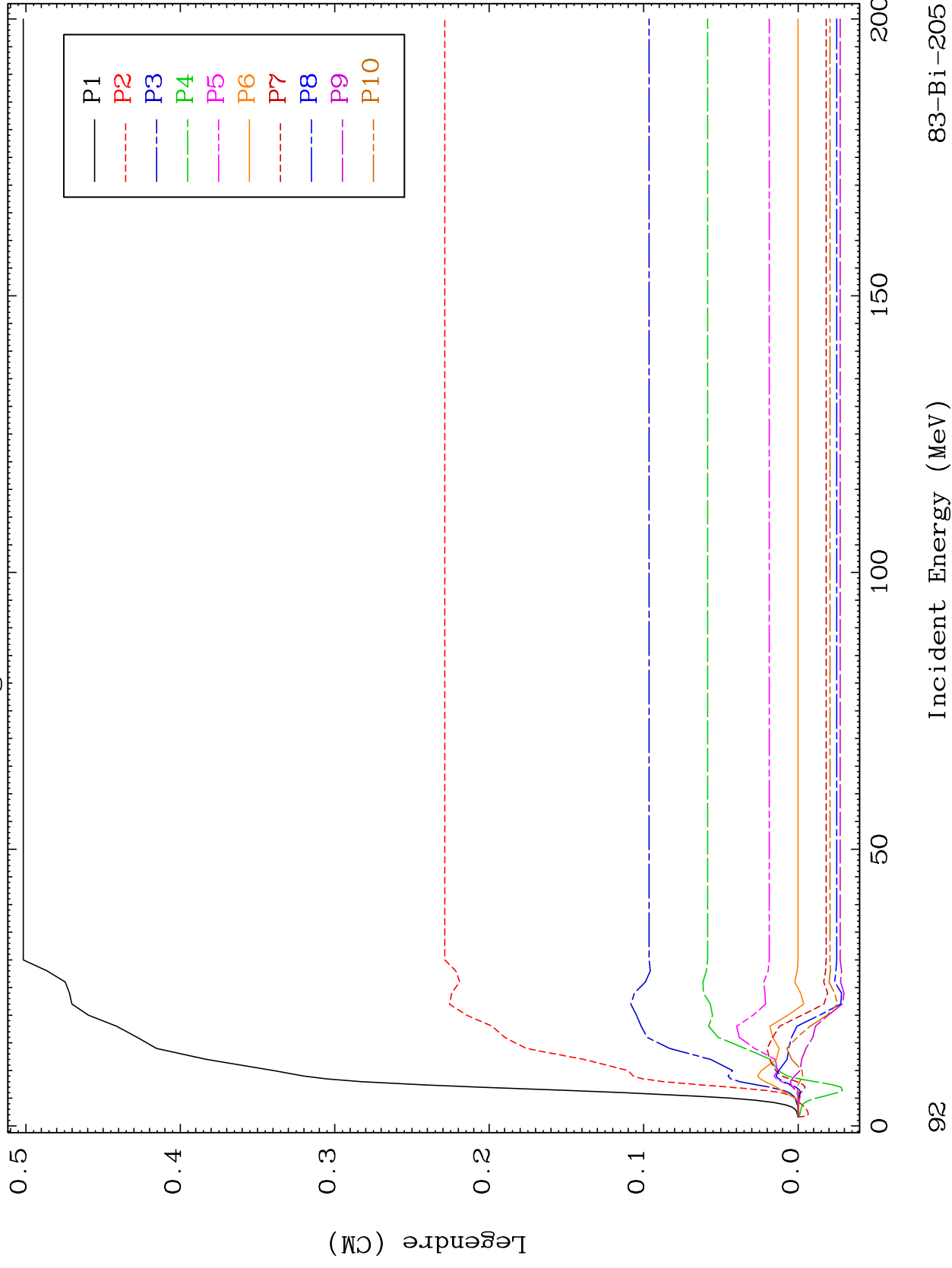
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

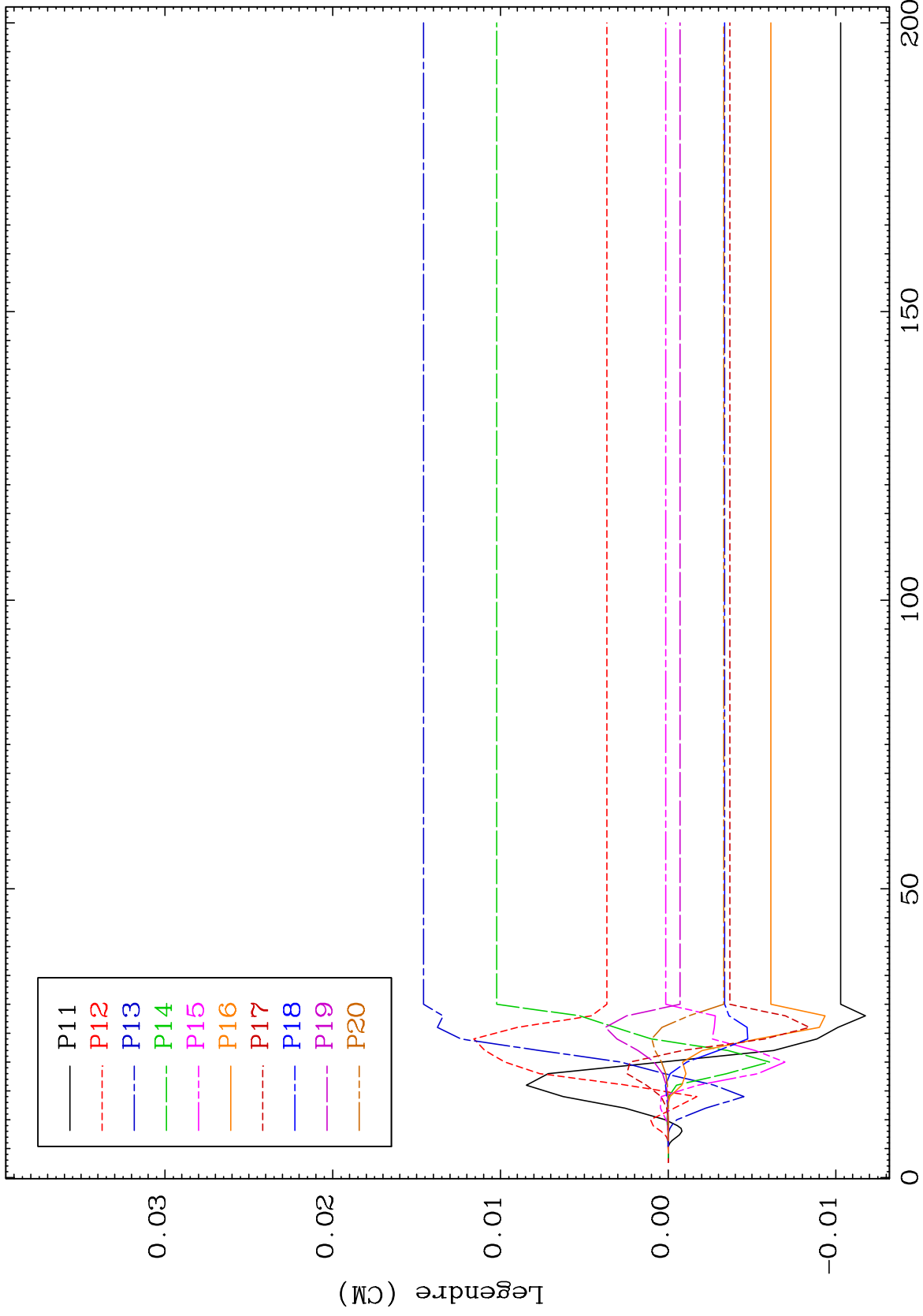
83-Bi-205



MAT 8313

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

83-Bi-205



93

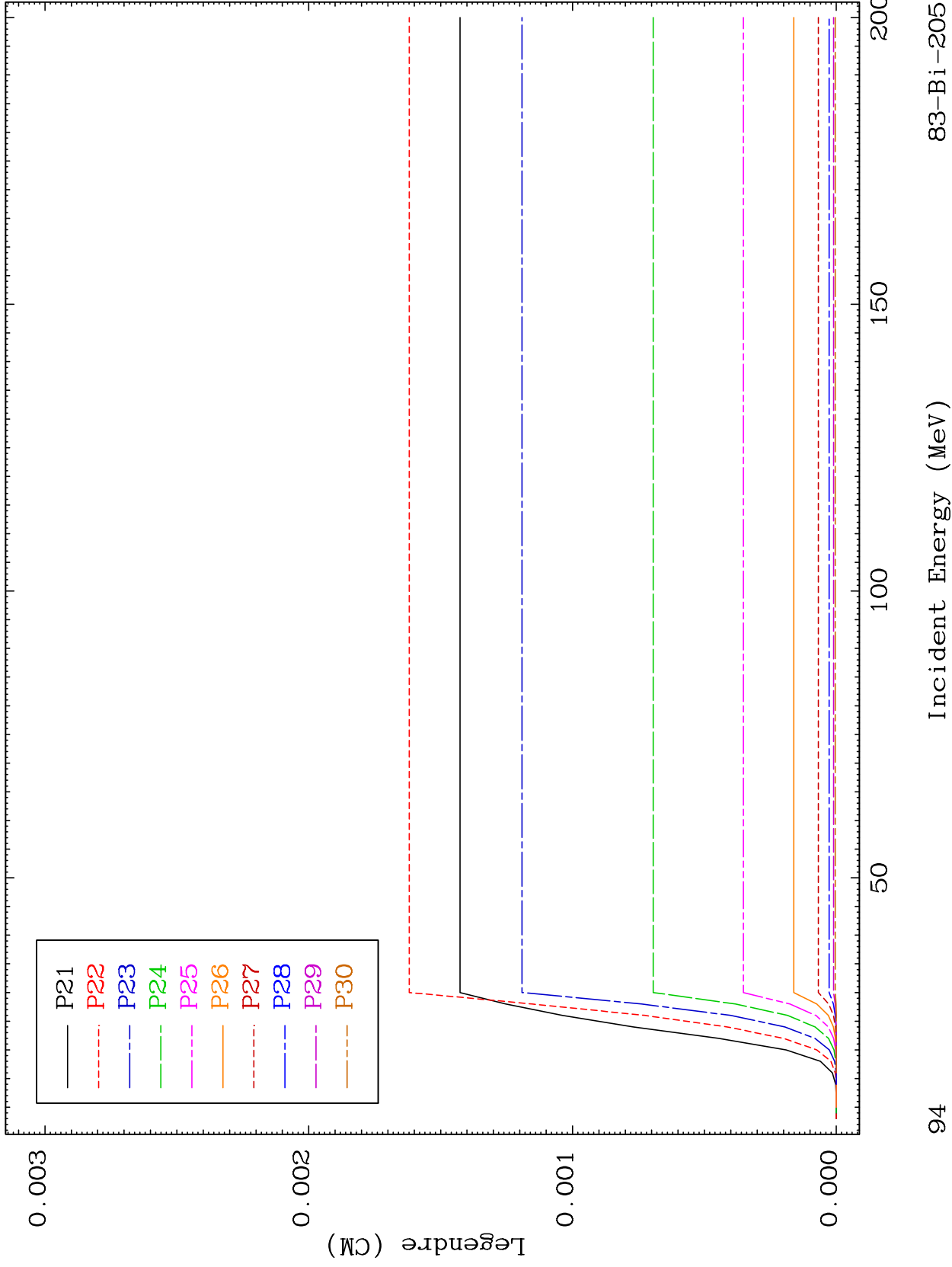
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



94

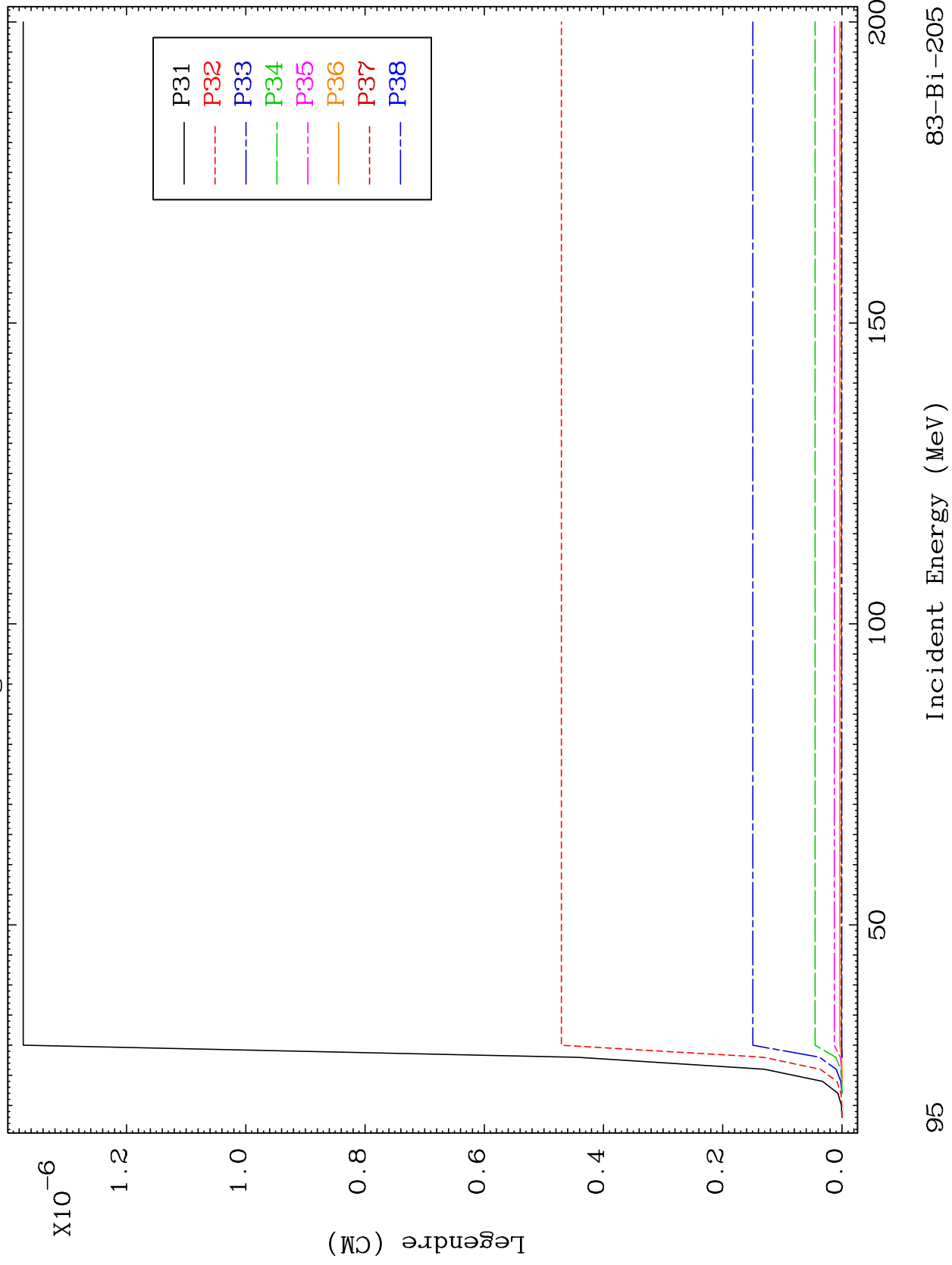
83-Bi-205

Incident Energy (MeV)

MAT 8313

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

83-Bi-205



95

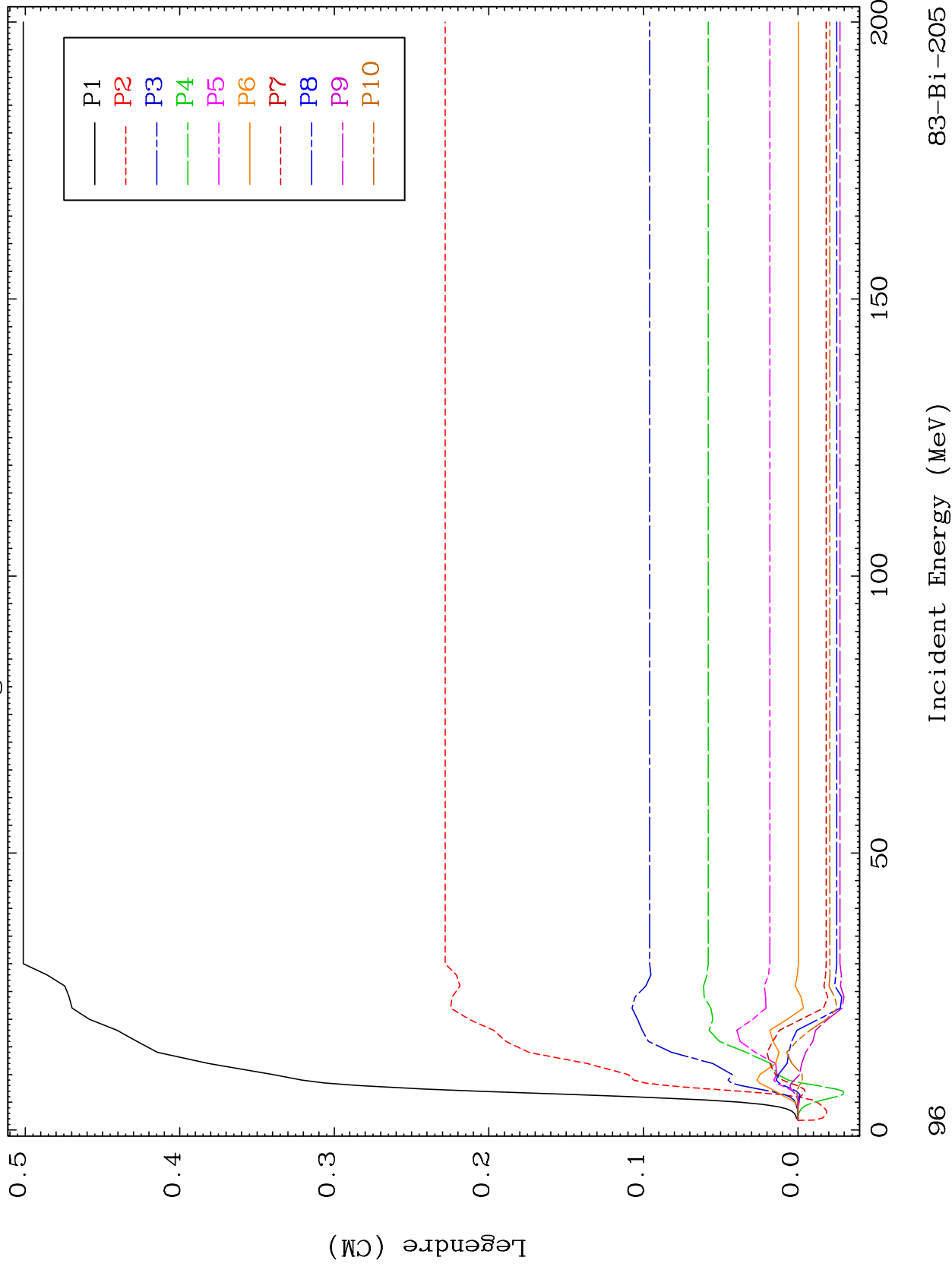
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



83-Bi-205

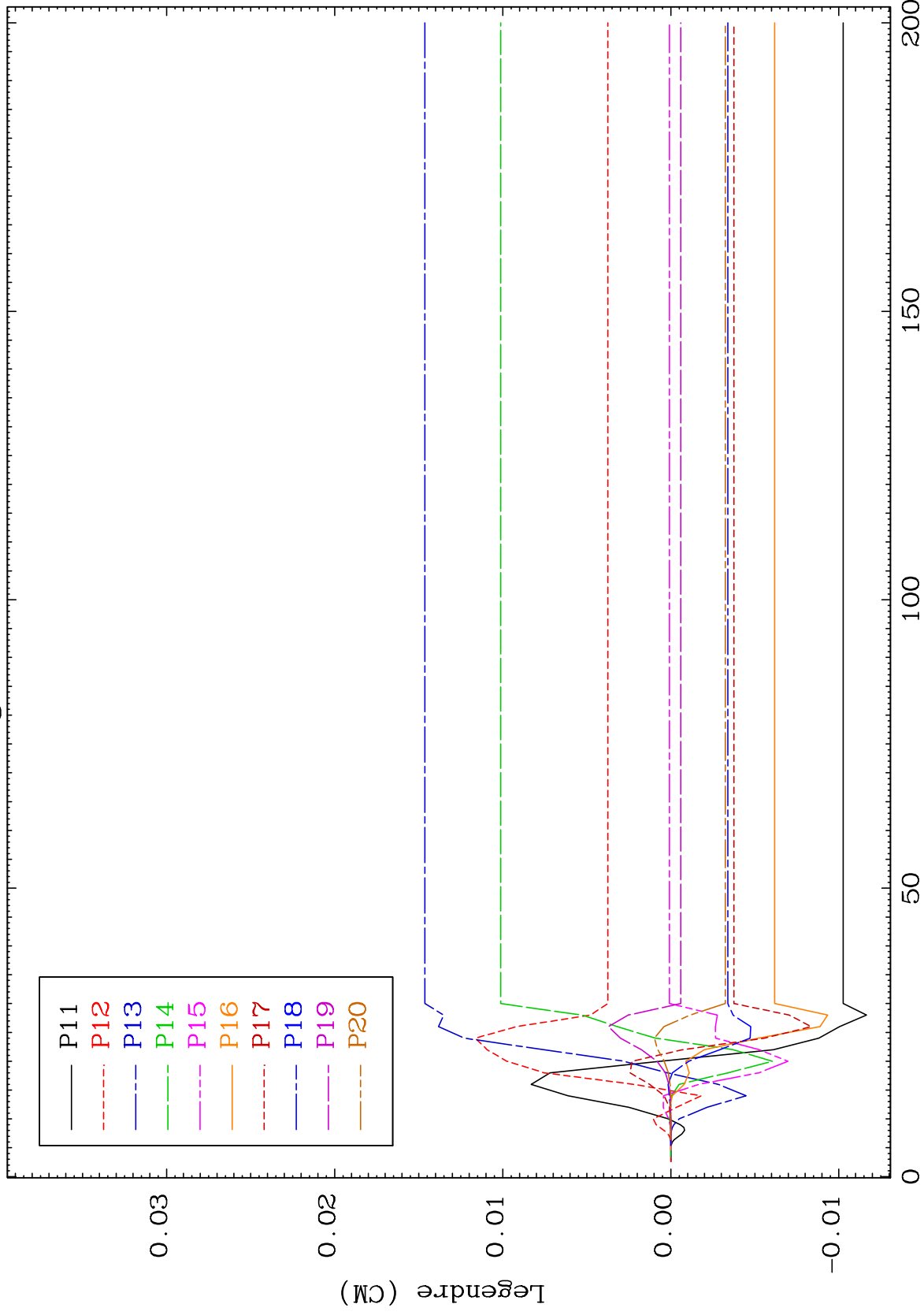
Incident Energy (MeV)

96

MAT 8313

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

83-Bi-205



97

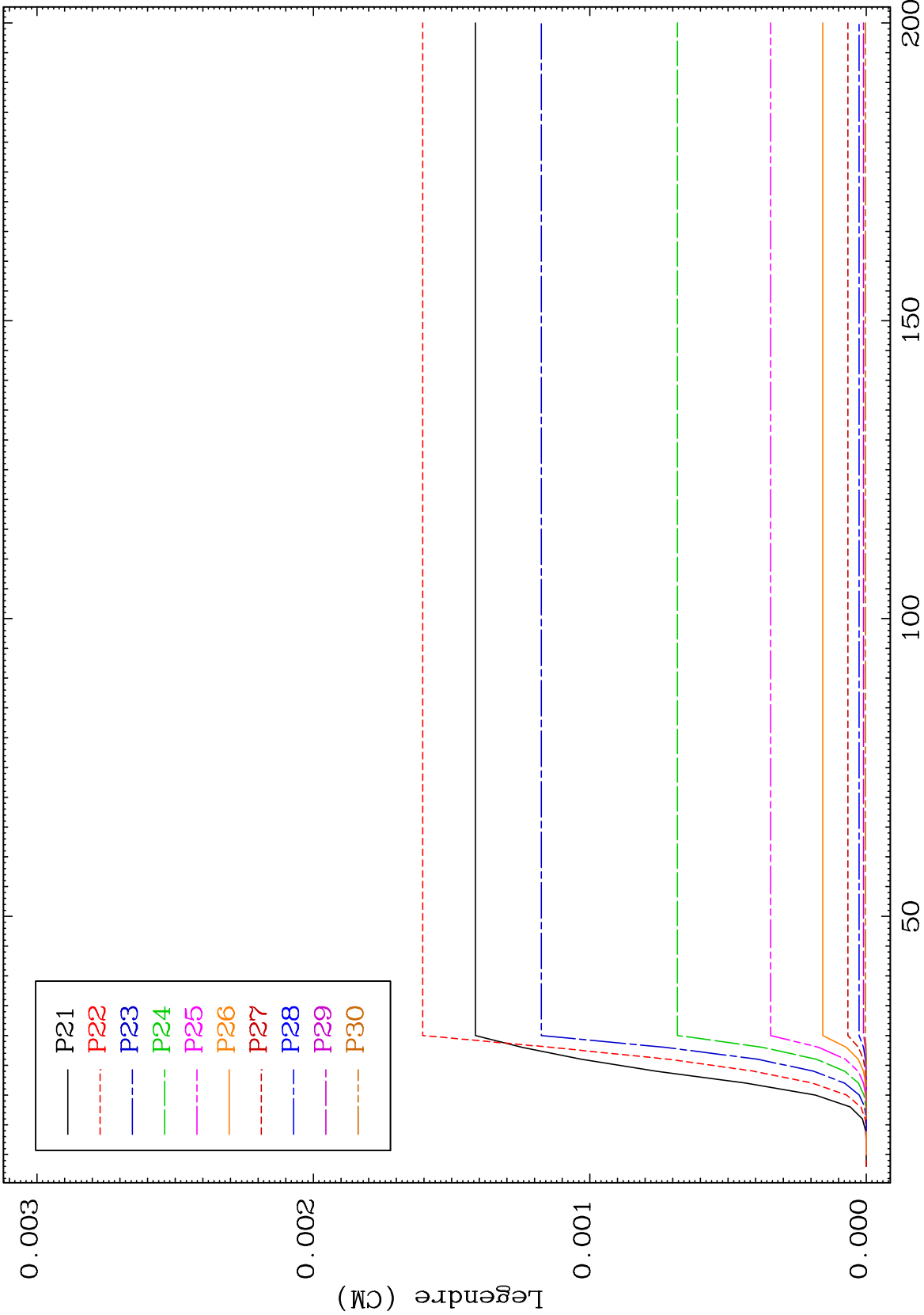
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



98

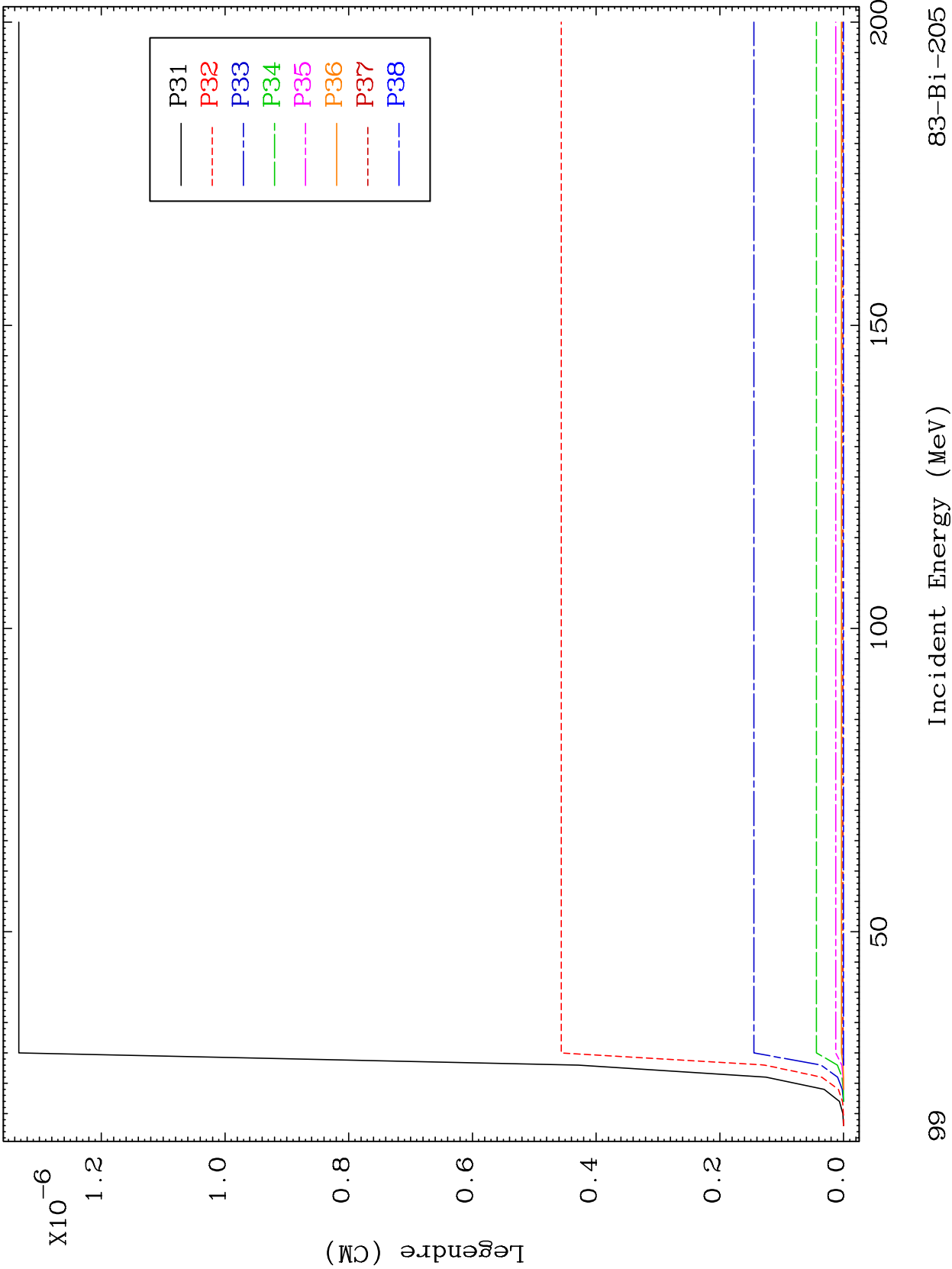
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

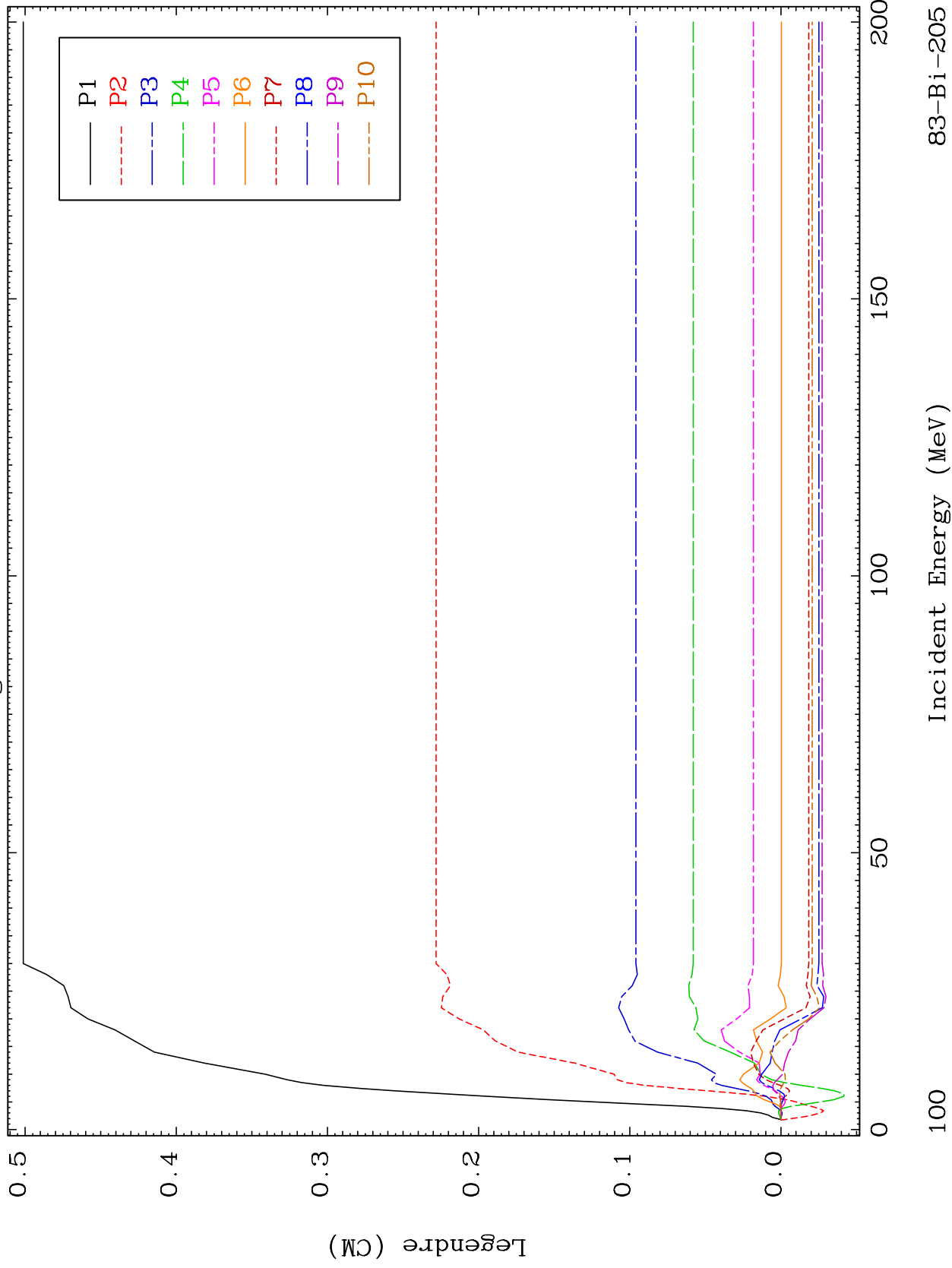
83-Bi-205



MAT 8313

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

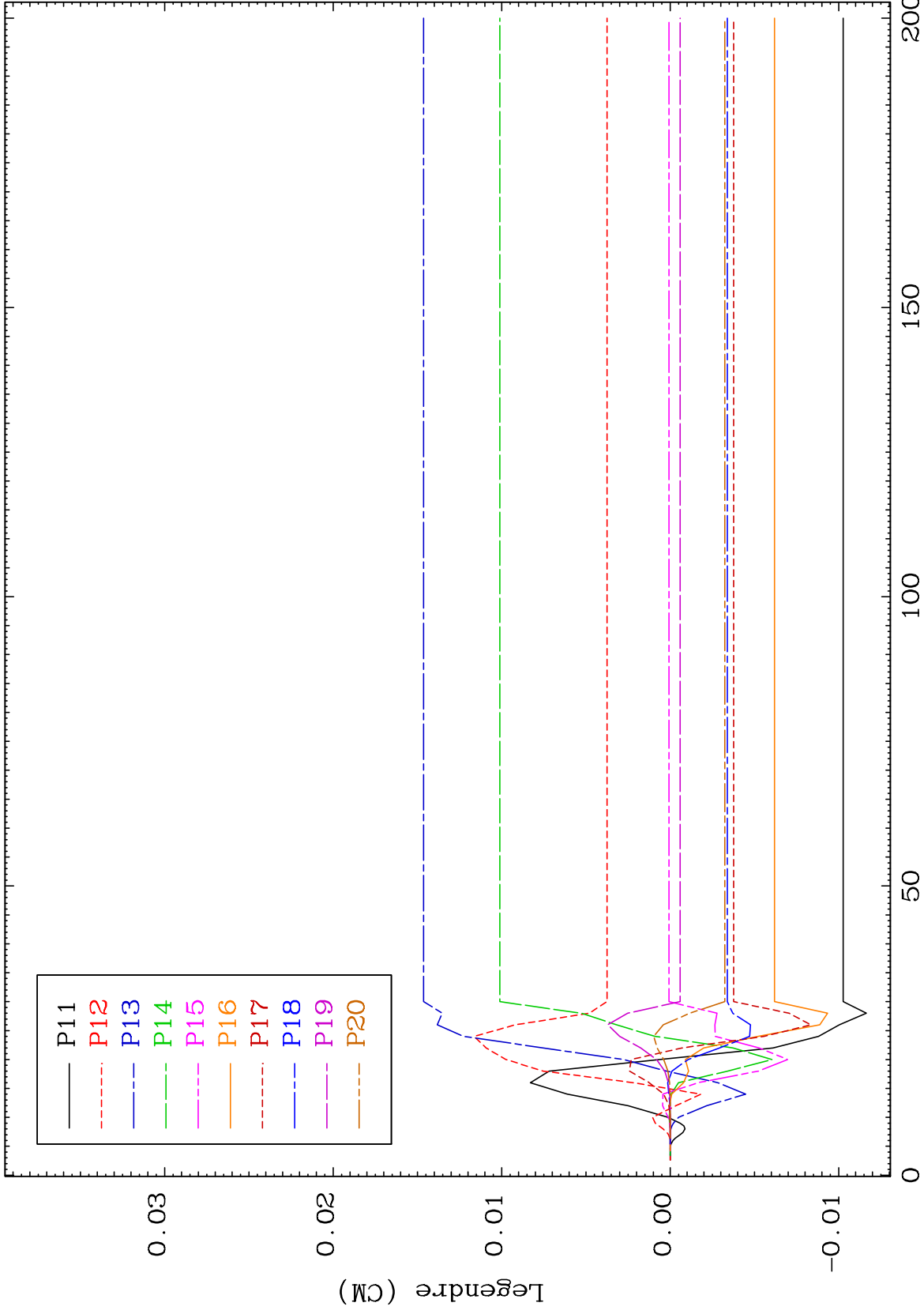
83-Bi-205



MAT 8313

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

83-Bi-205



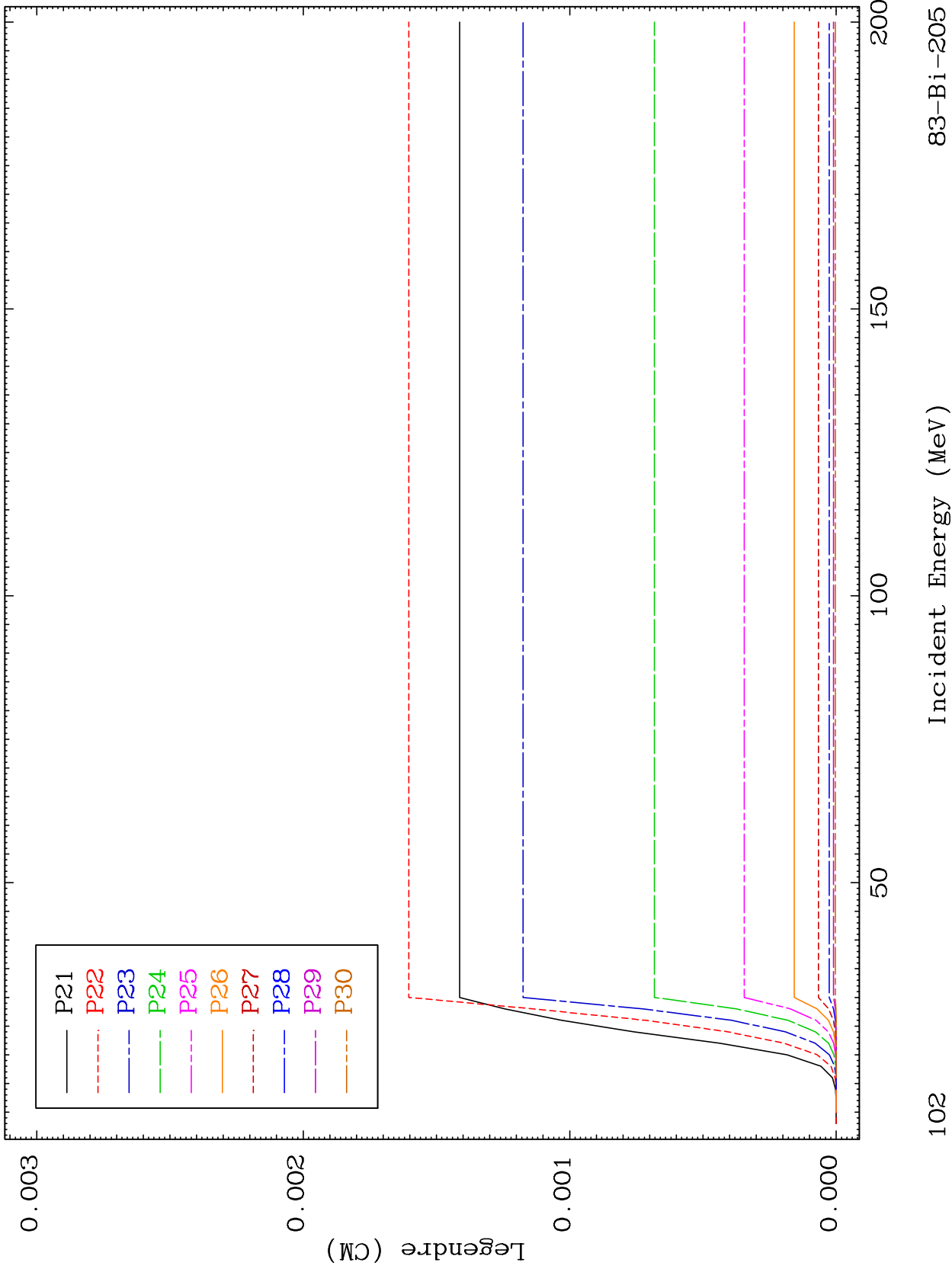
101

83-Bi-205

MAT 8313

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

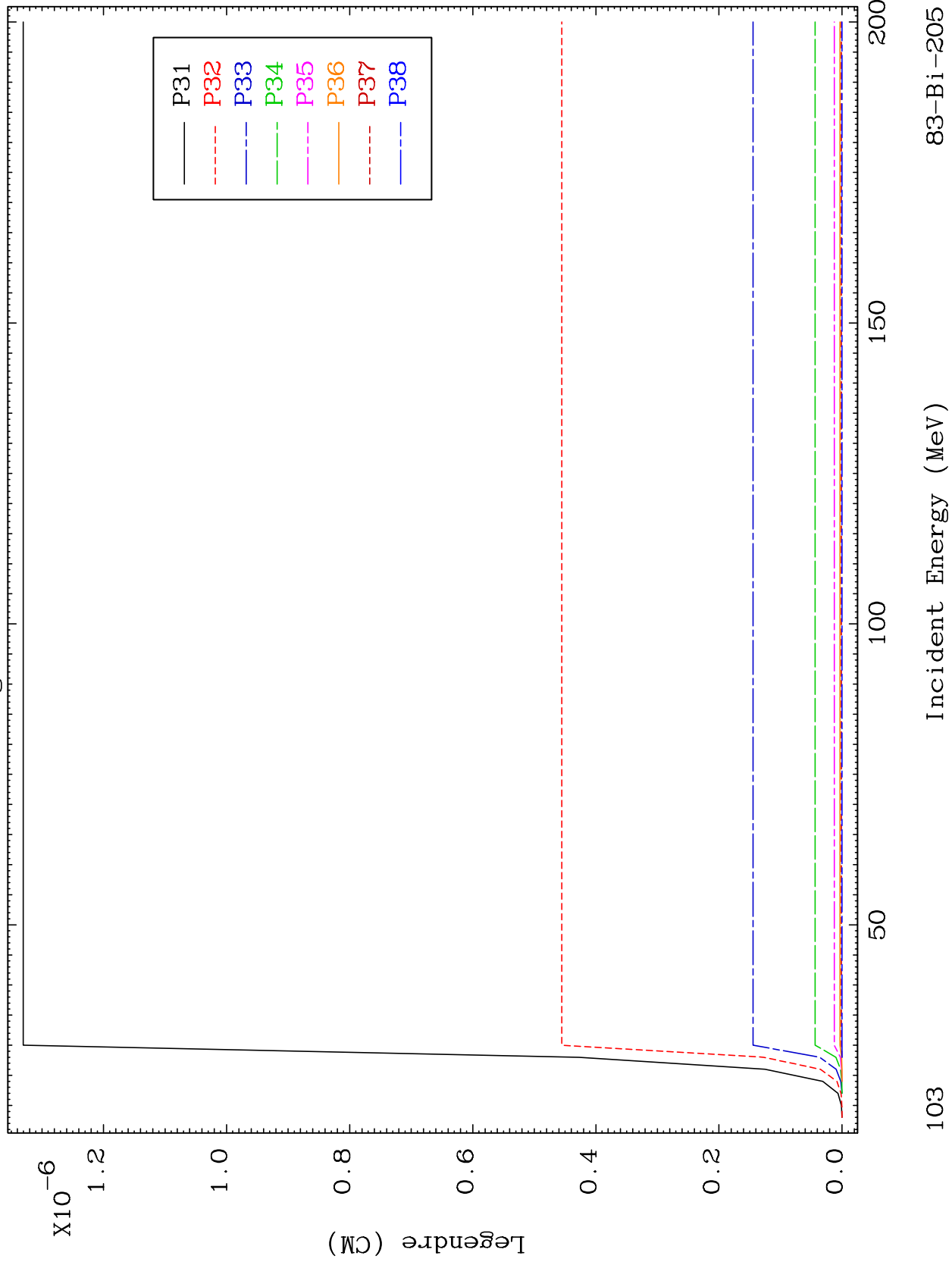
83-Bi-205



MAT 8313

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

83-Bi-205

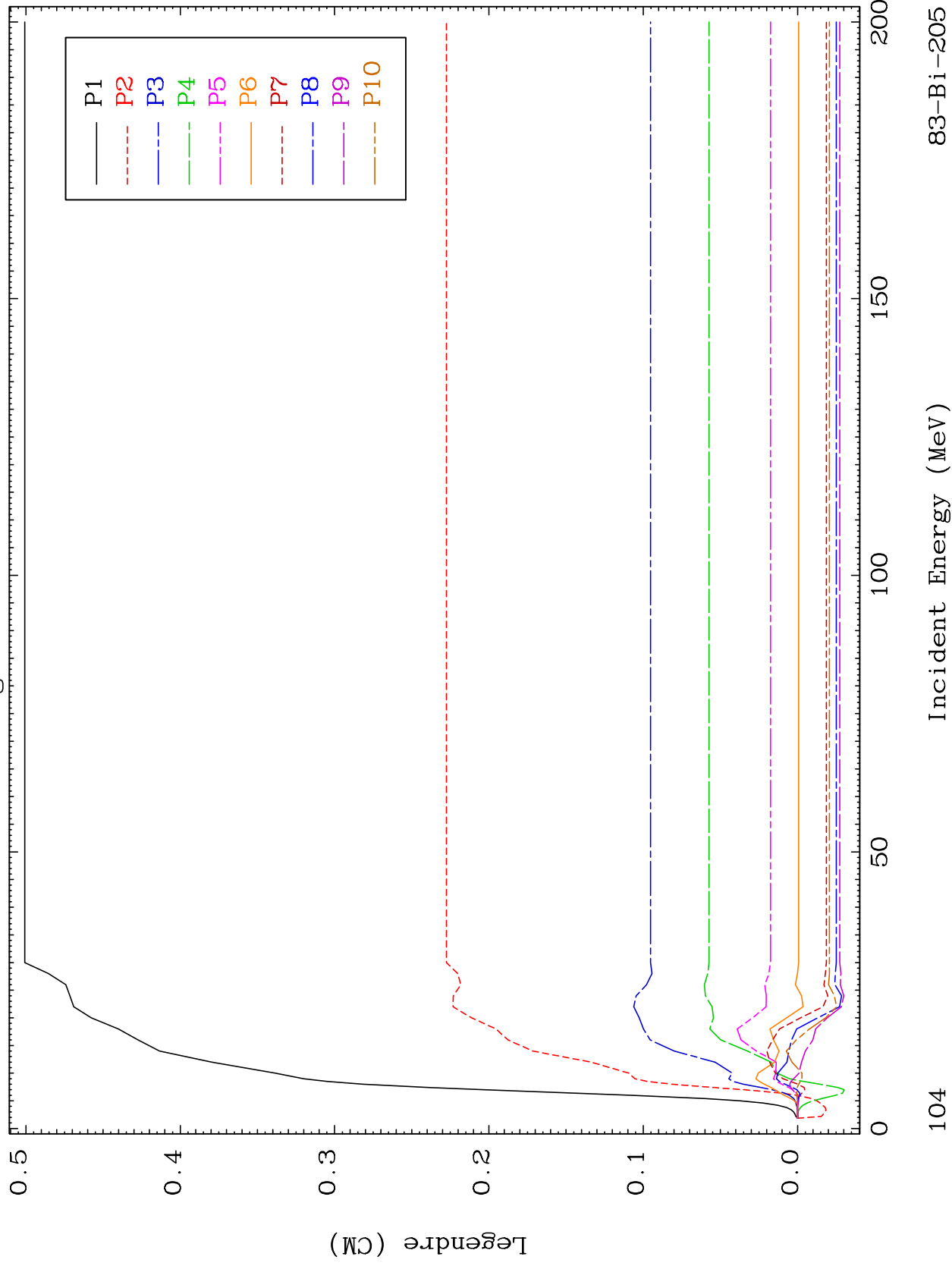


103

MAT 8313

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

83-Bi-205



83-Bi-205

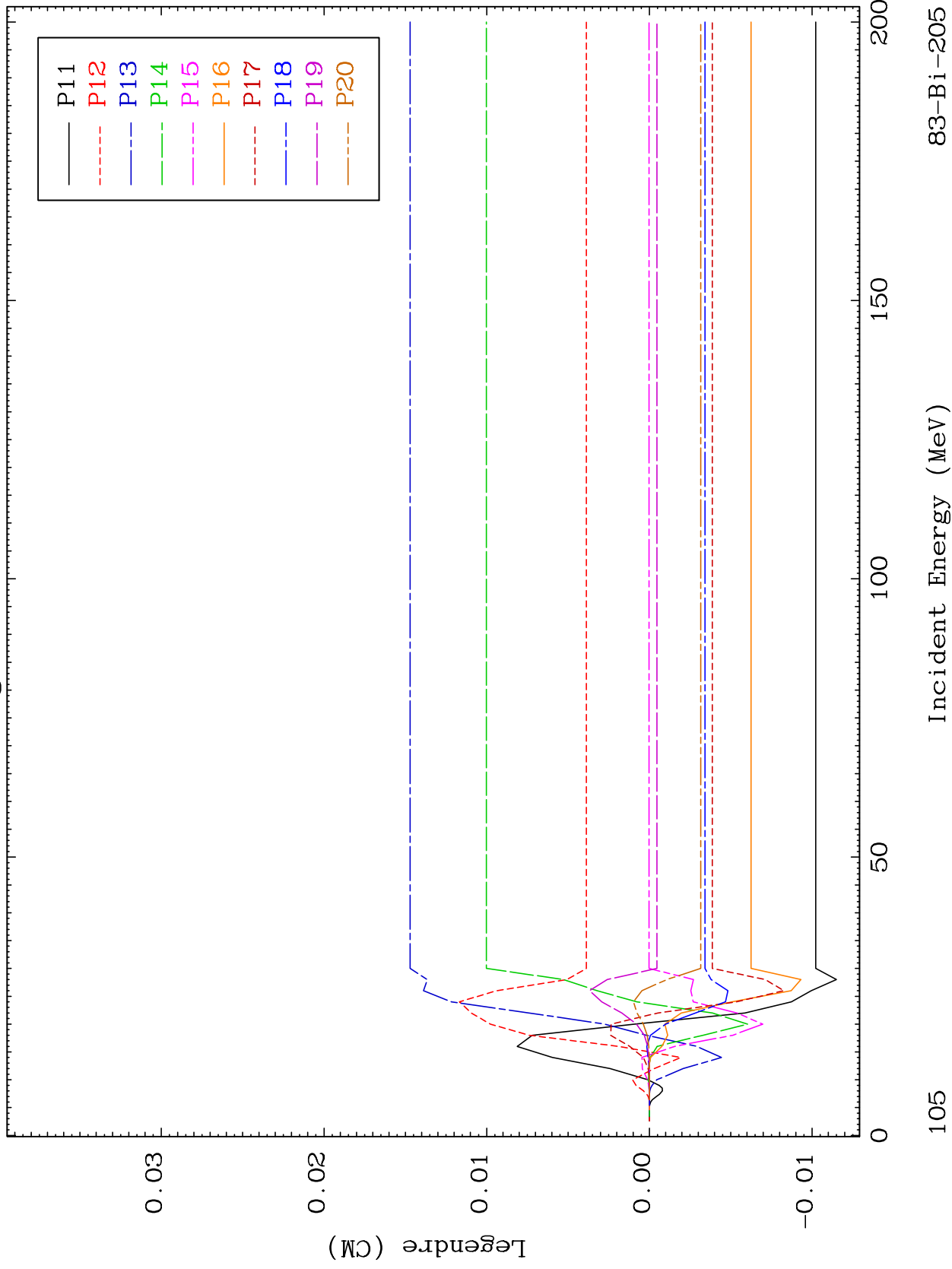
Incident Energy (MeV)

104

MAT 8313

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

83-Bi-205



83-Bi-205

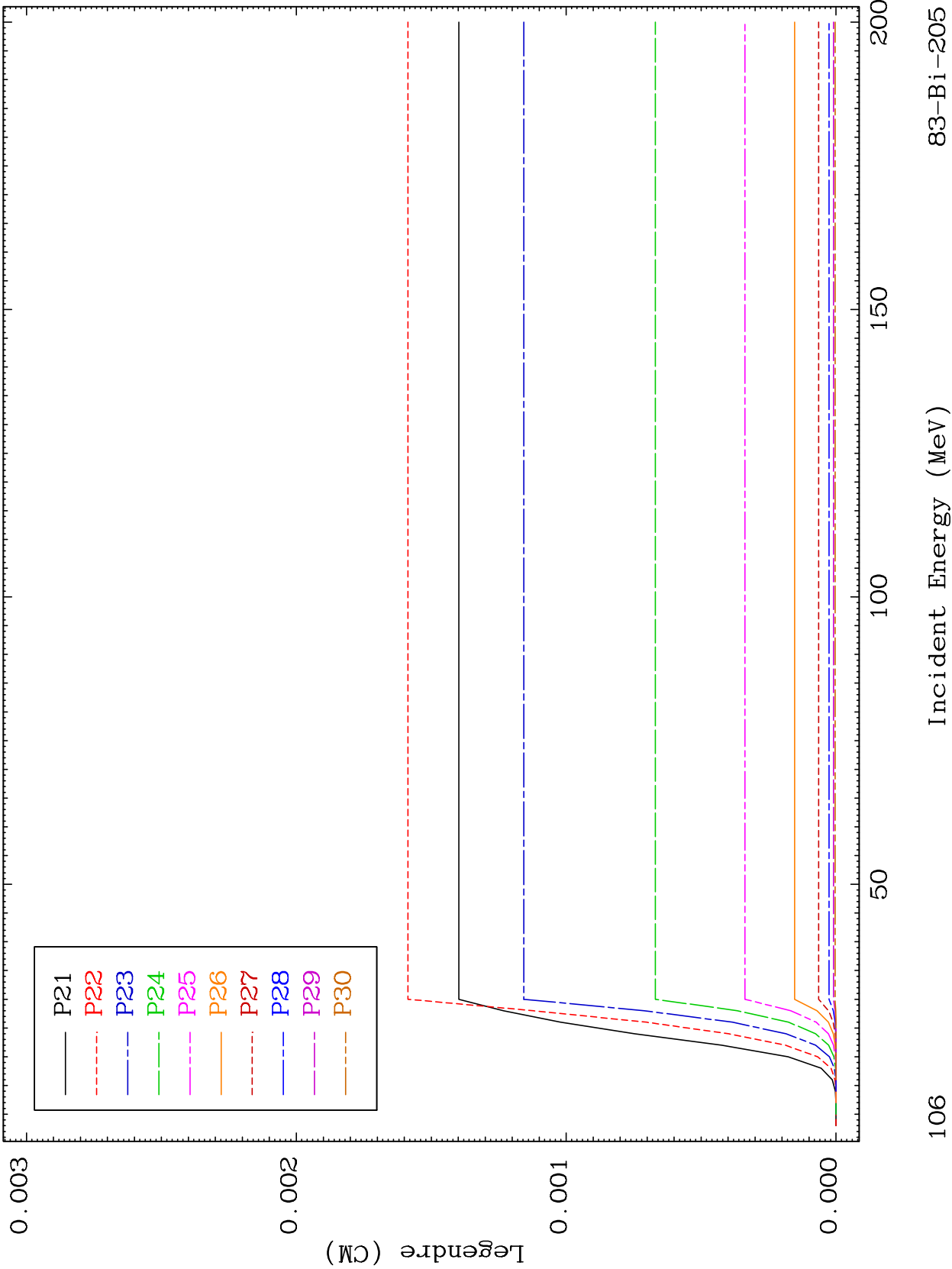
Incident Energy (MeV)

105

MAT 8313

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

83-Bi-205



106

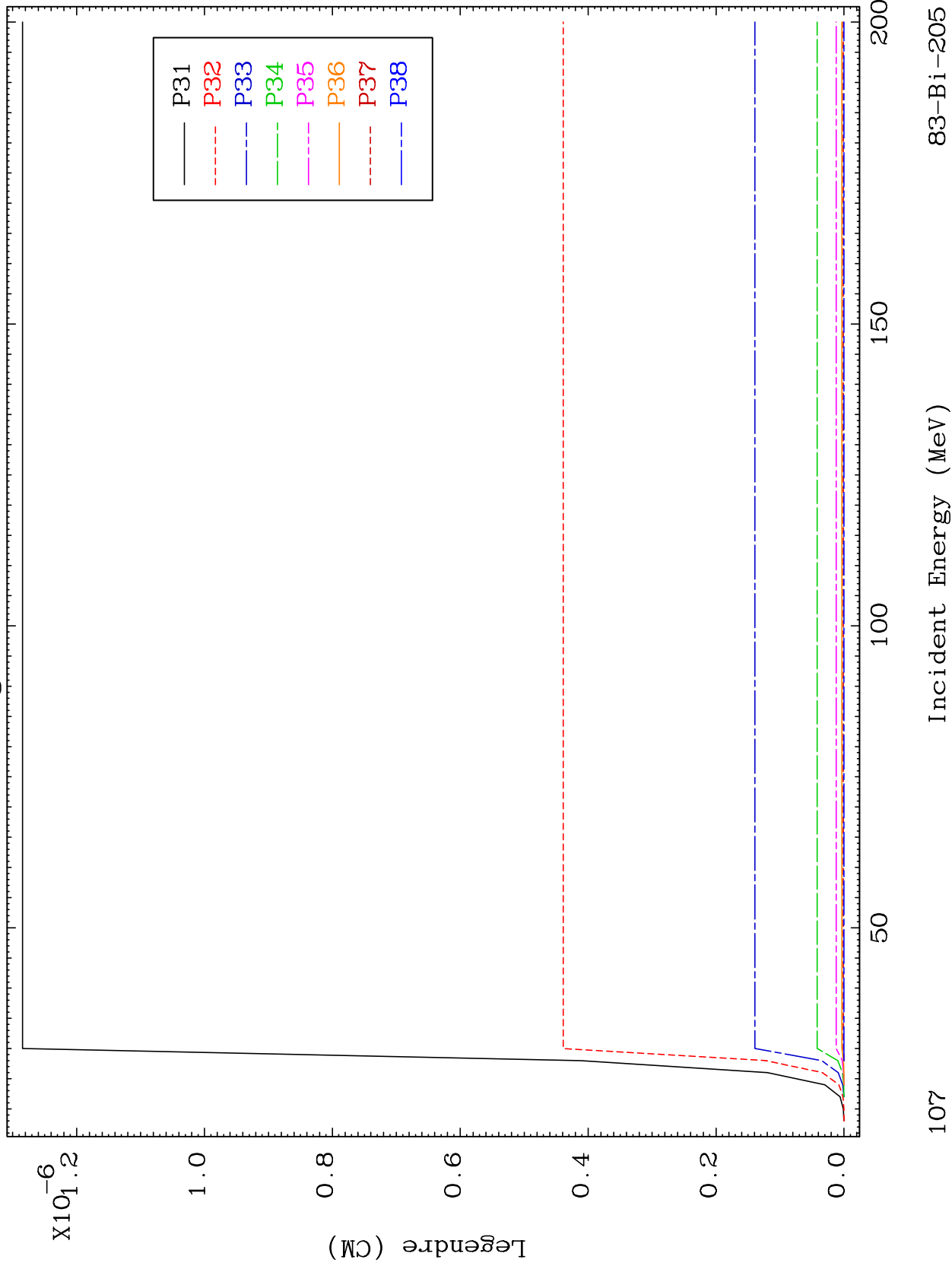
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205

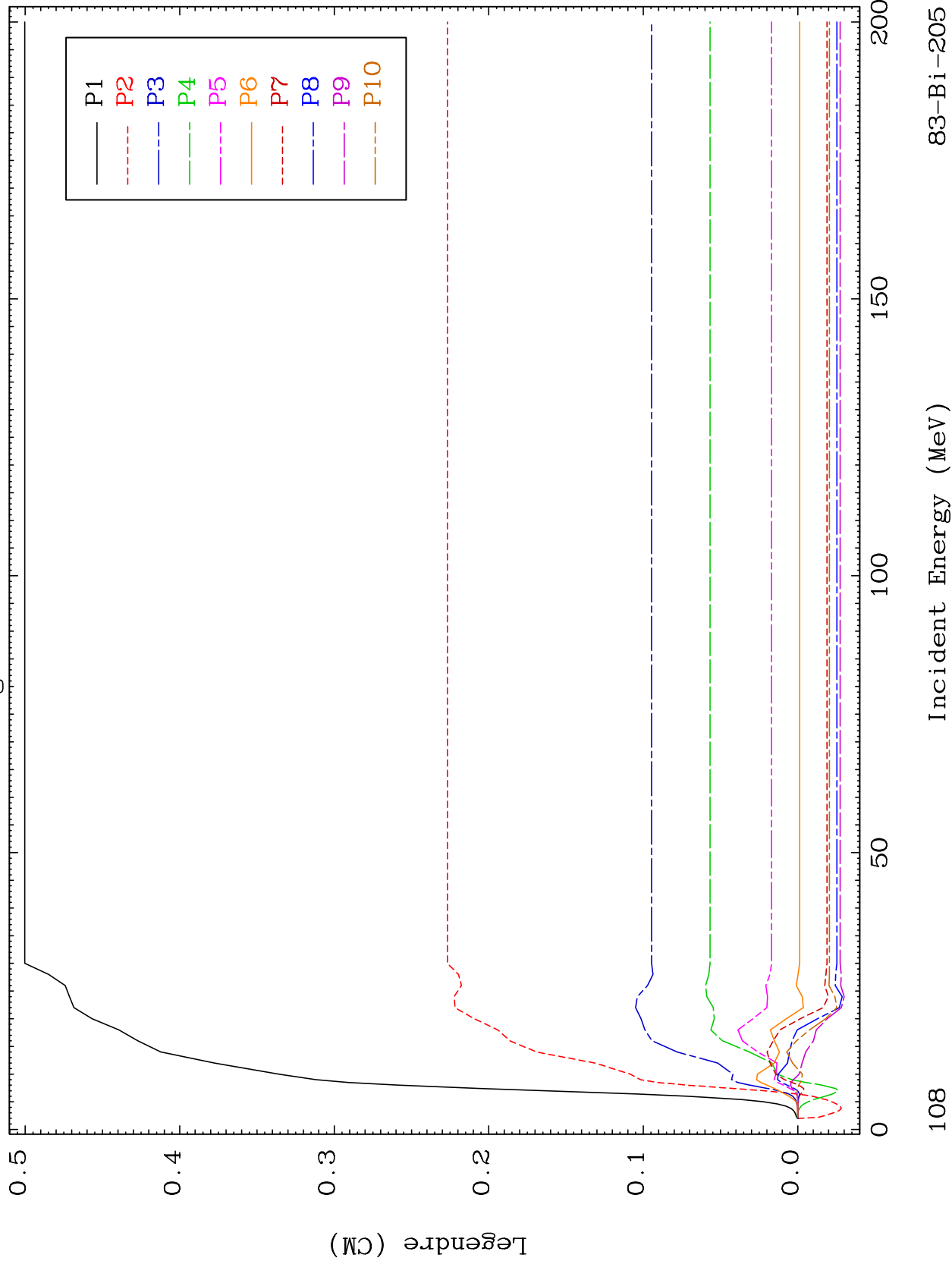


107

MAT 8313

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

83-Bi-205



83-Bi-205

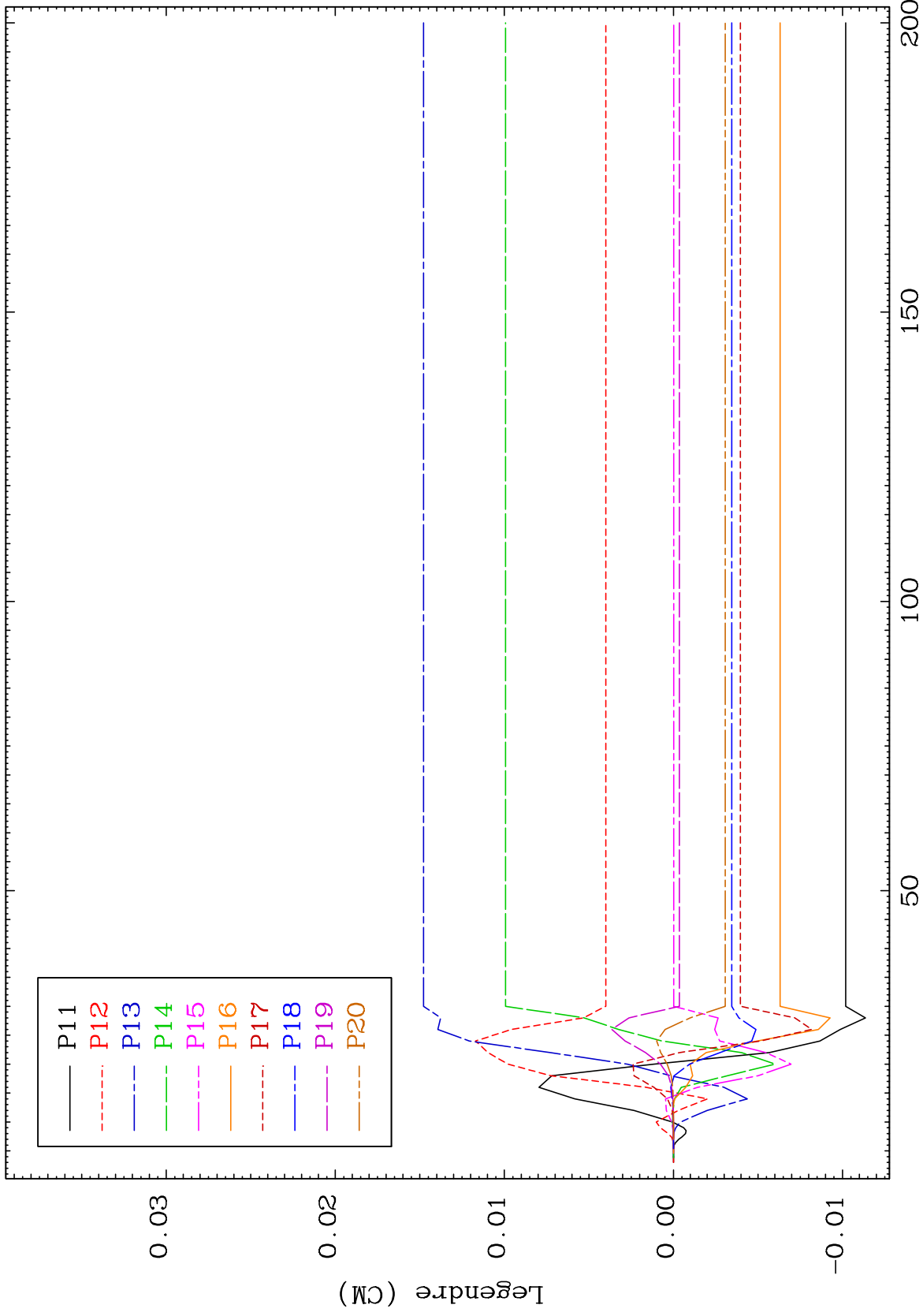
Incident Energy (MeV)

108

MAT 8313

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

83-Bi-205



109

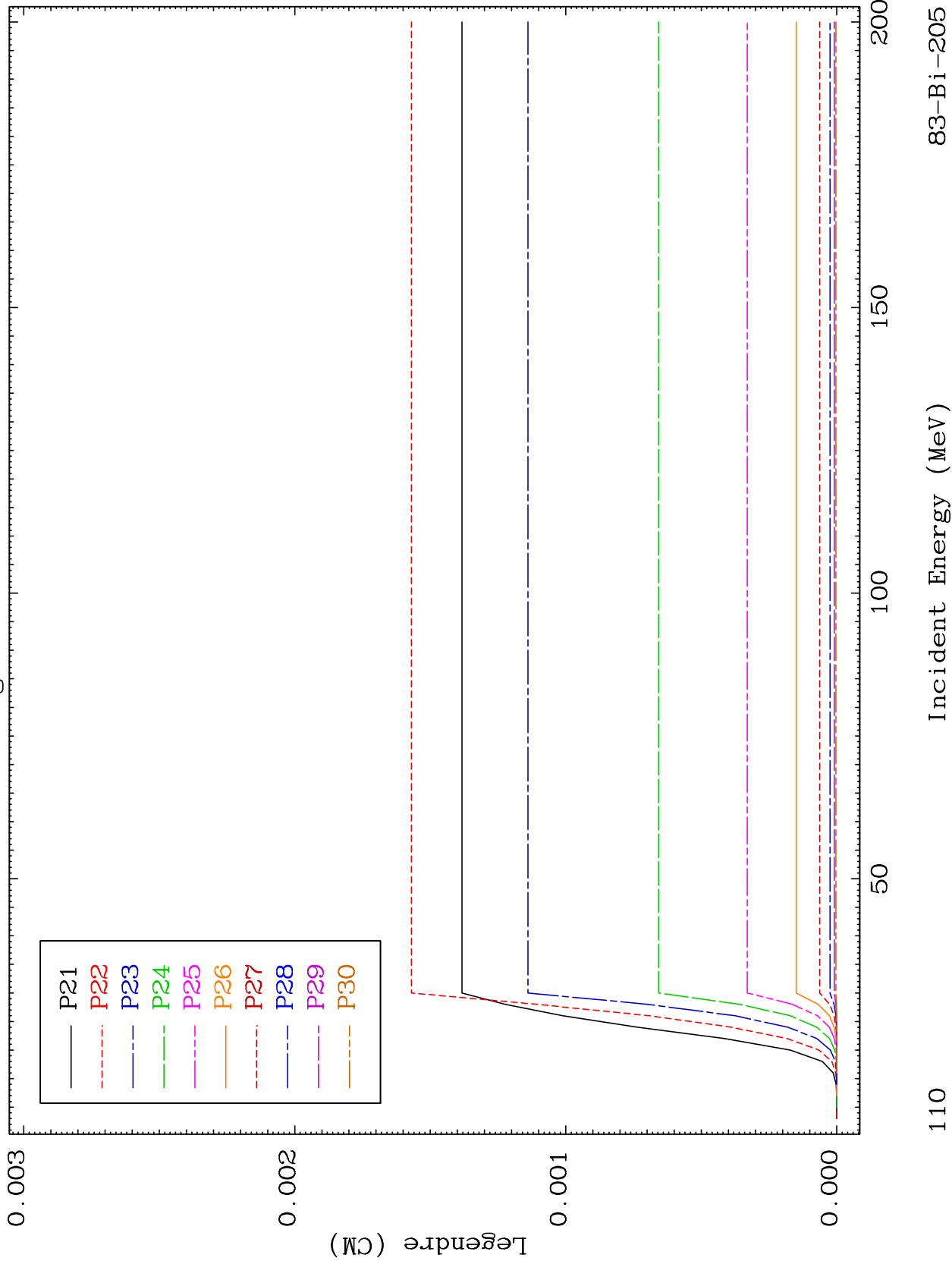
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



110

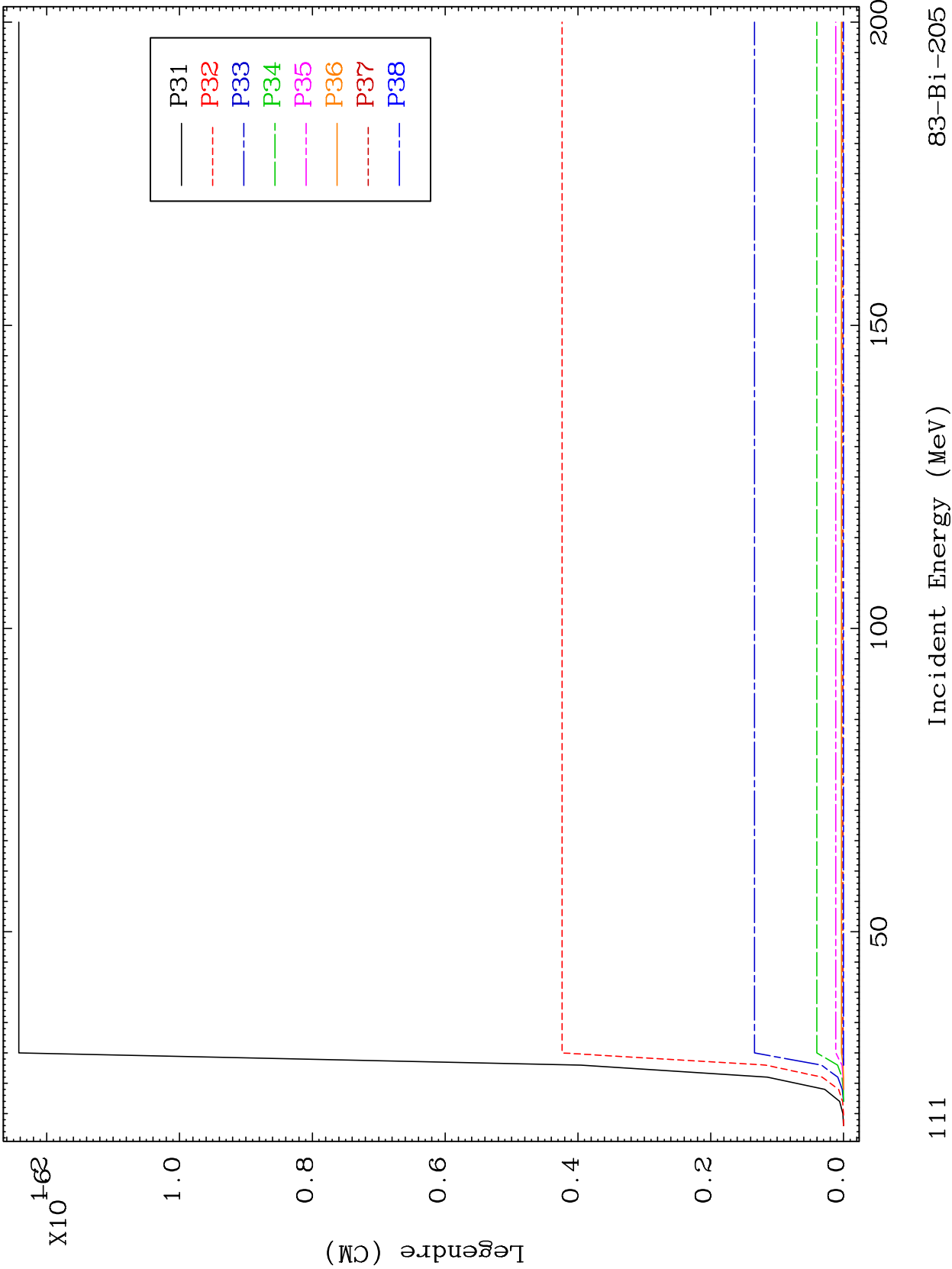
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205

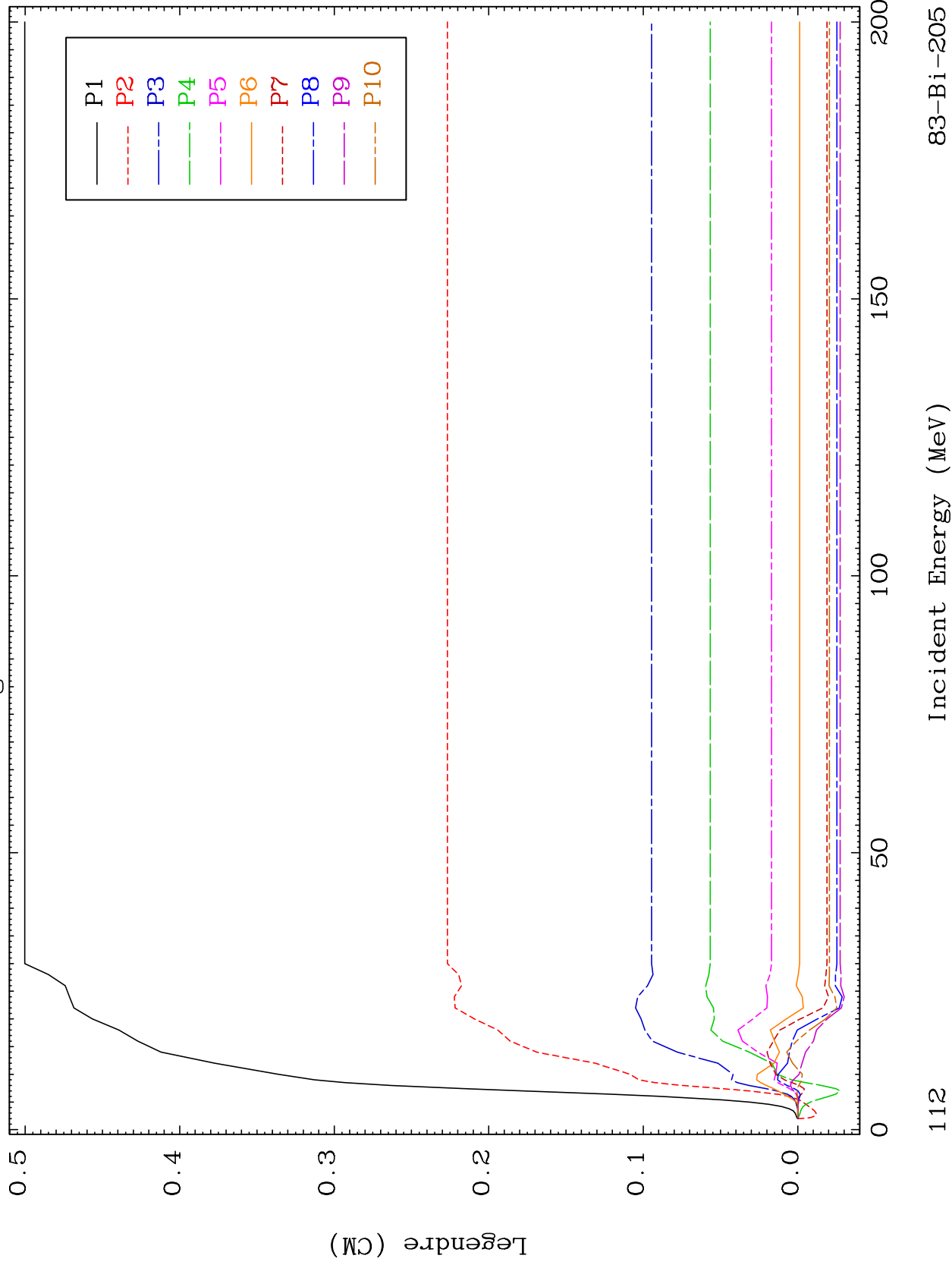


111

MAT 8313

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

83-Bi-205



83-Bi-205

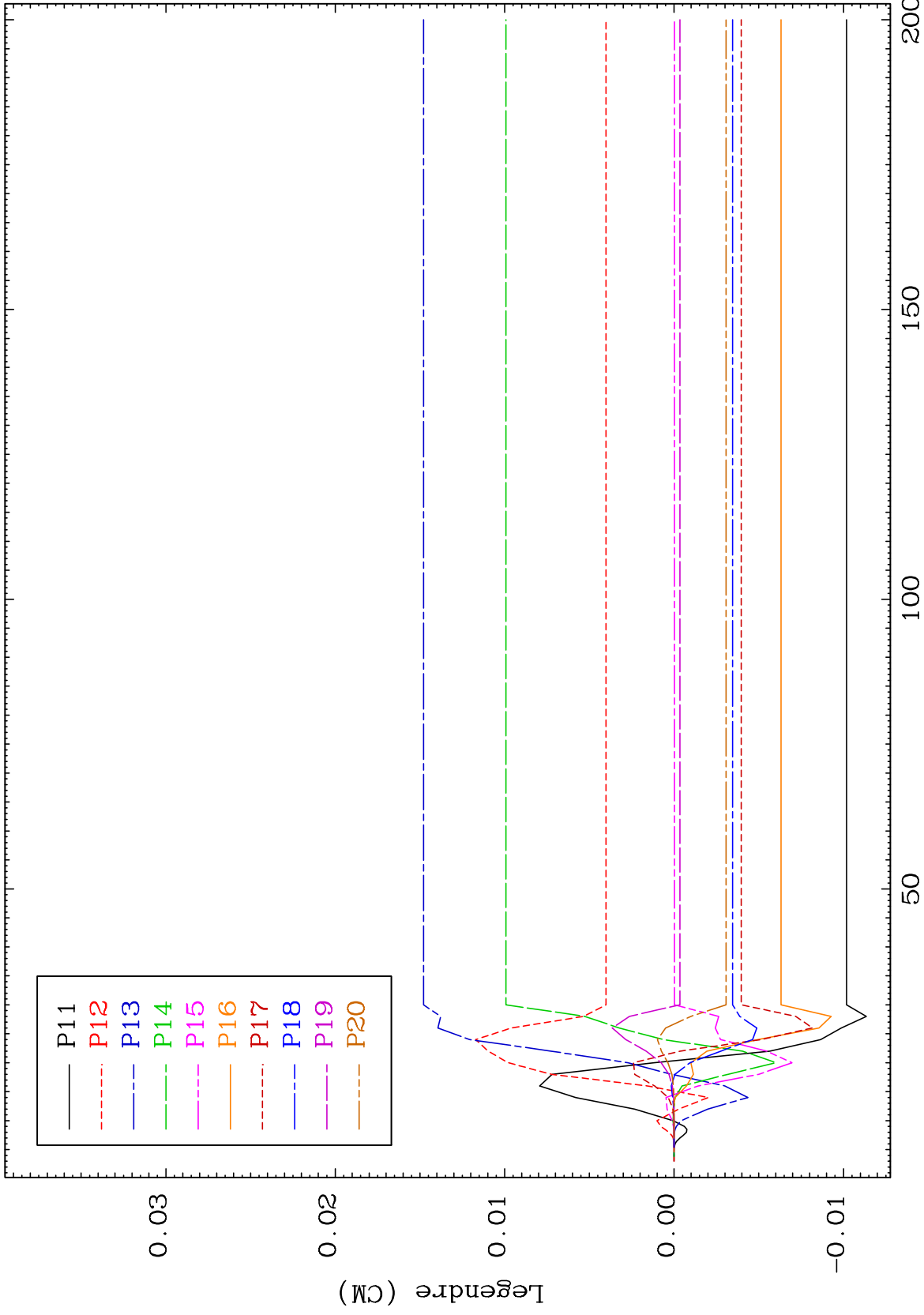
Incident Energy (MeV)

112

MAT 8313

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

83-Bi-205



113

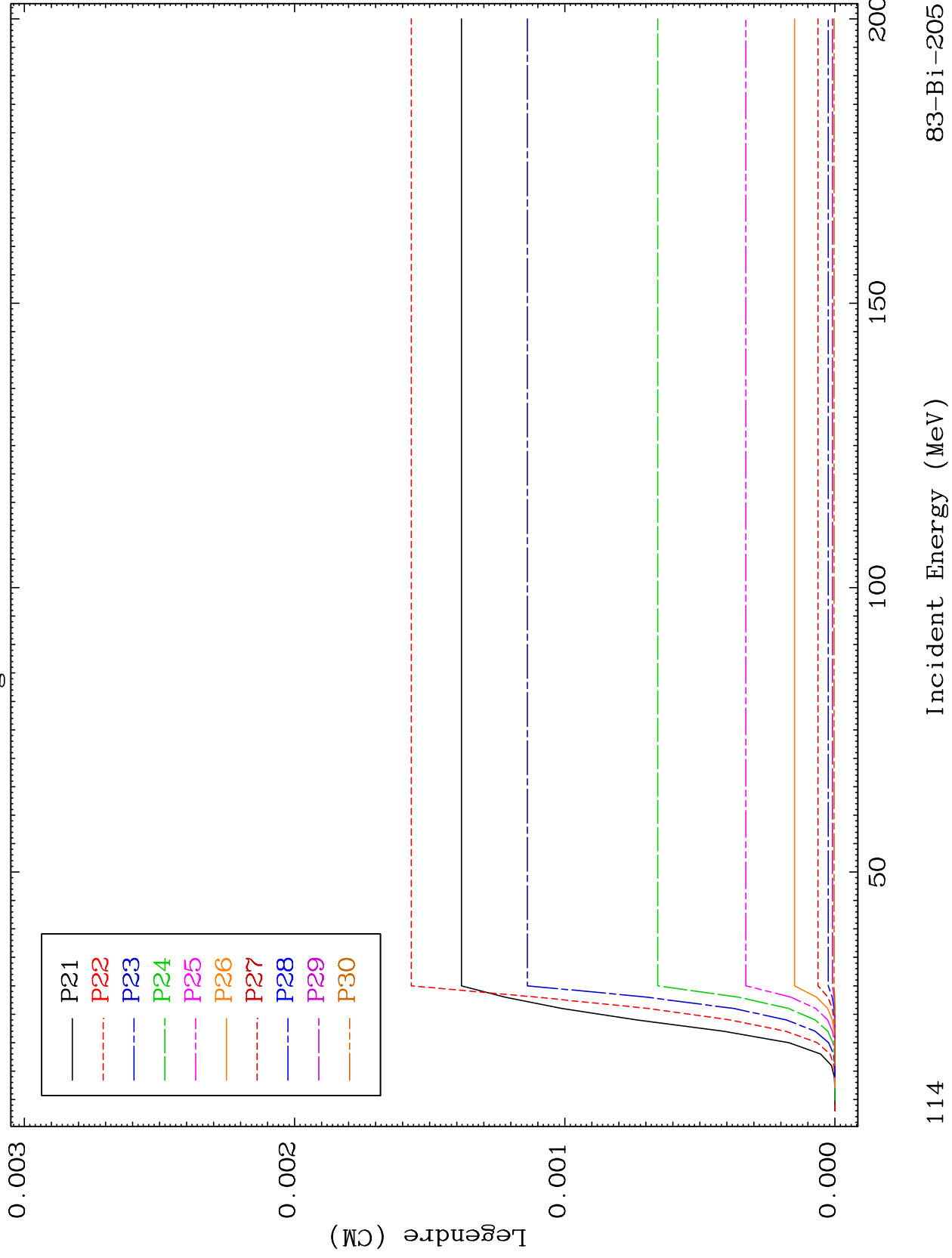
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



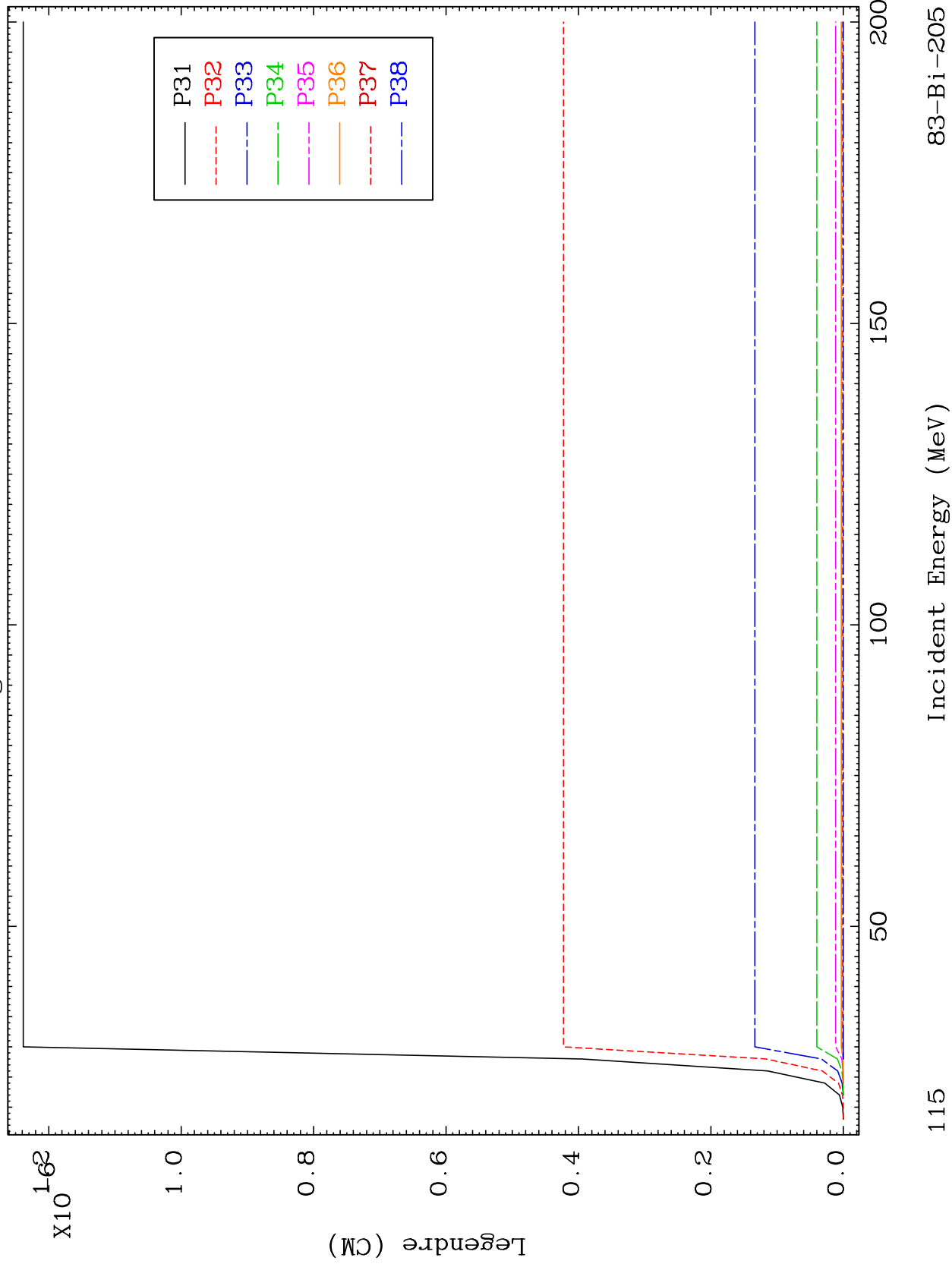
114

83-Bi-205

MAT 8313

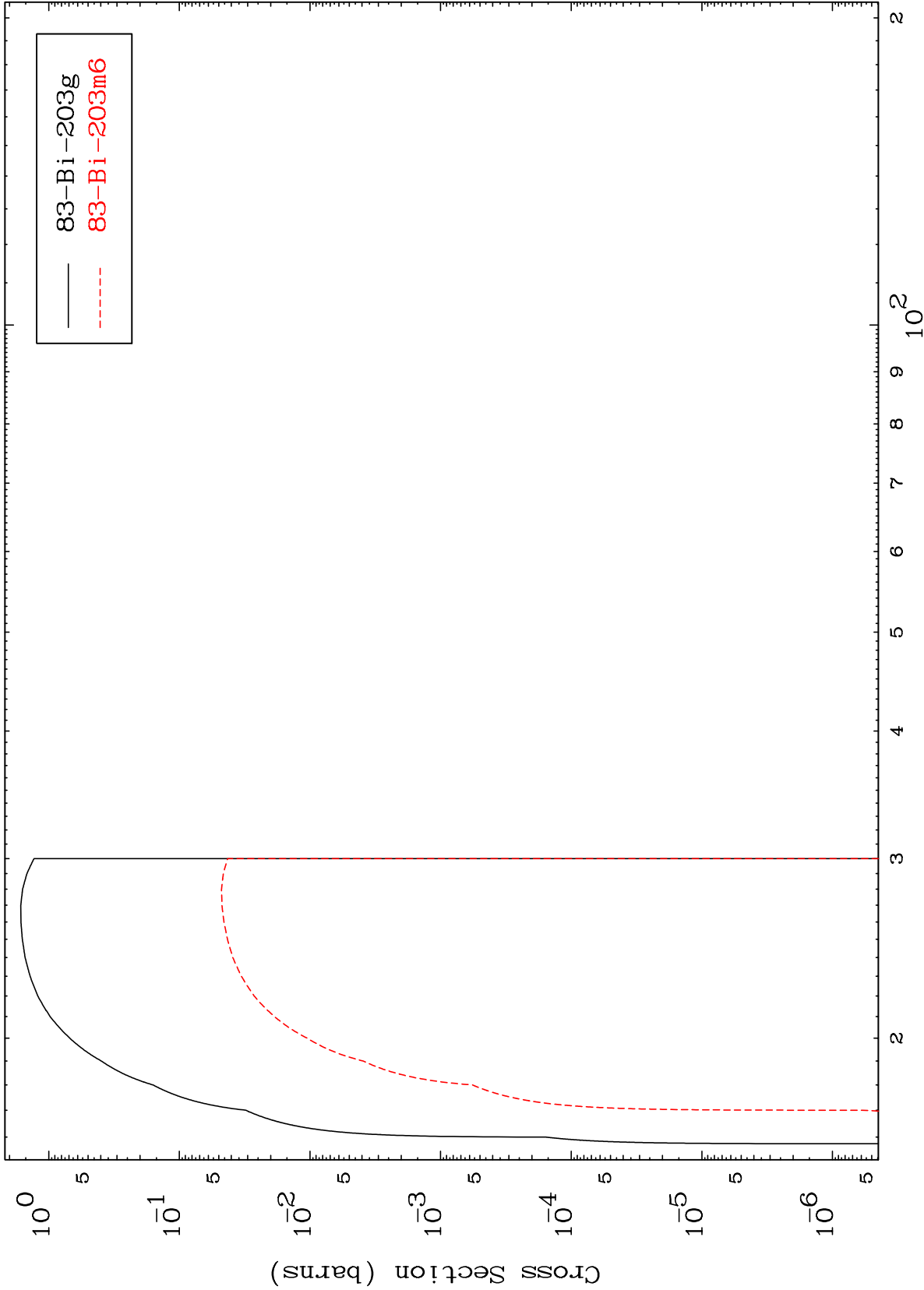
MT= 74 (n,n') Level
Legendre Coefficients

83-Bi-205



115

Radionuclide Production Cross Section

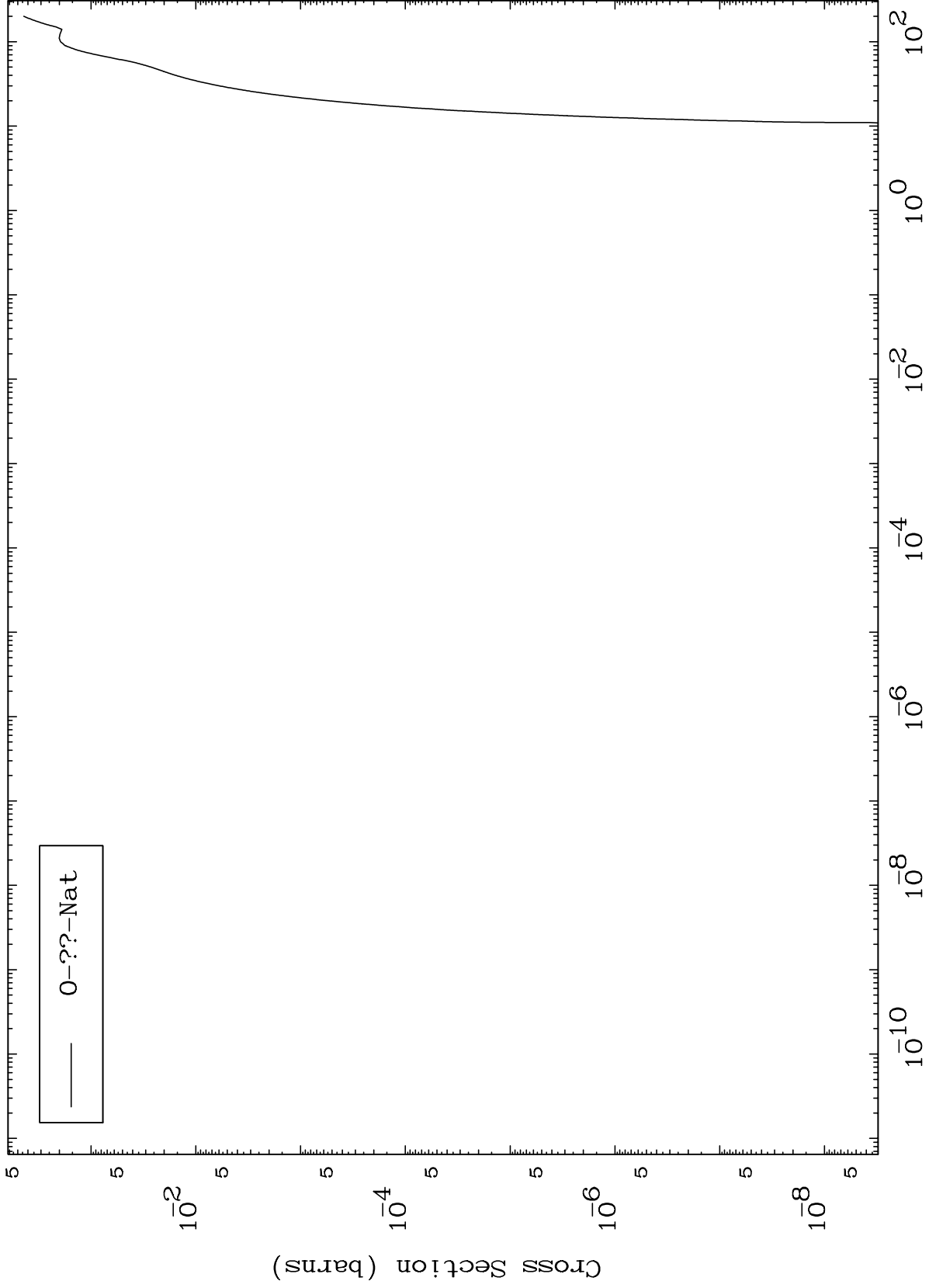


MAT 8313

Fission

83-Bi-205

Radionuclide Production Cross Section



117

Incident Energy (MeV)

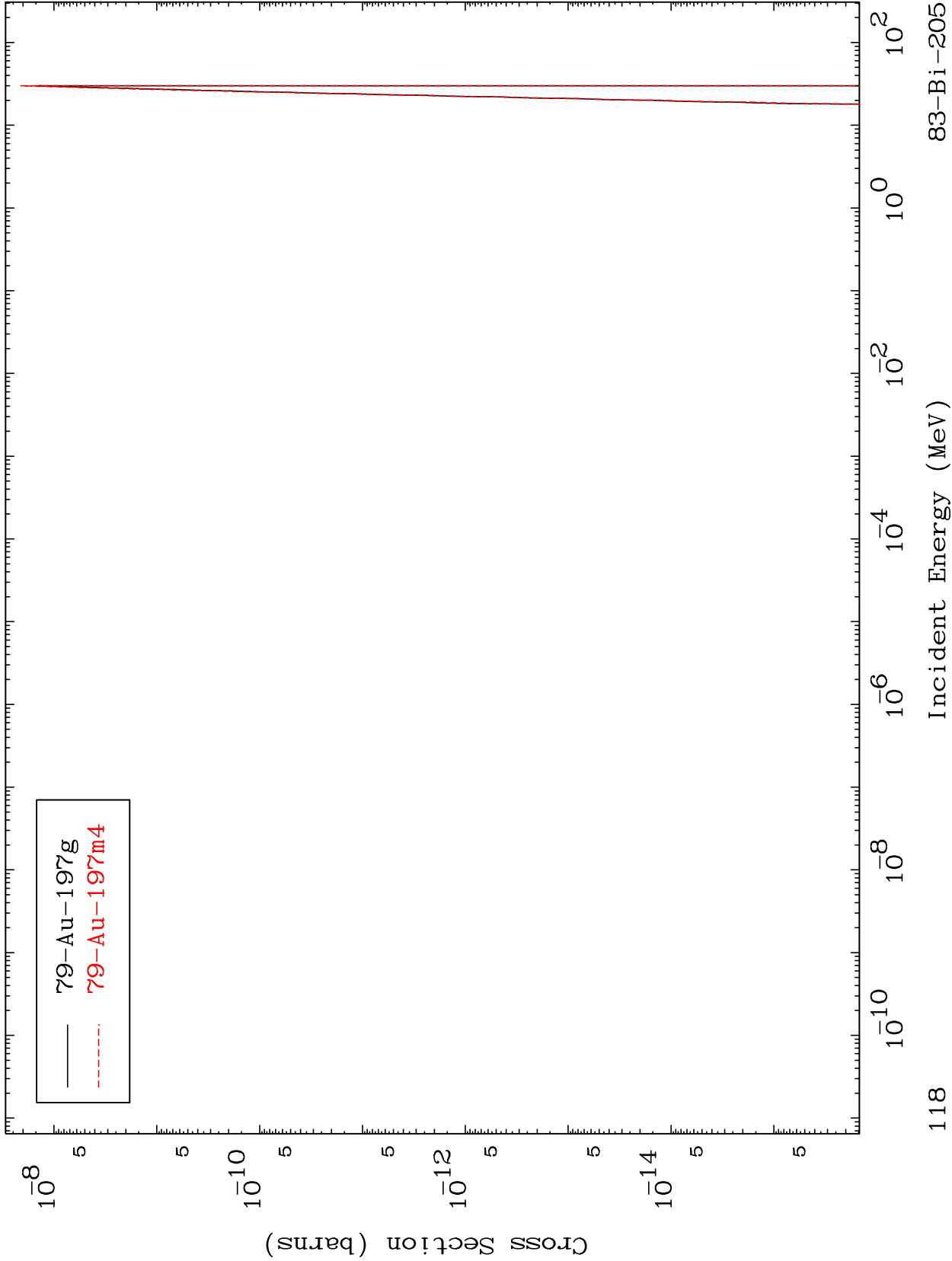
83-Bi-205

MAT 8313

(n,n') 2 α

83-Bi-205

Radionuclide Production Cross Section



118

Incident Energy (MeV)

83-Bi-205