

Program EVALPLOT
(Version 2017-1)

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

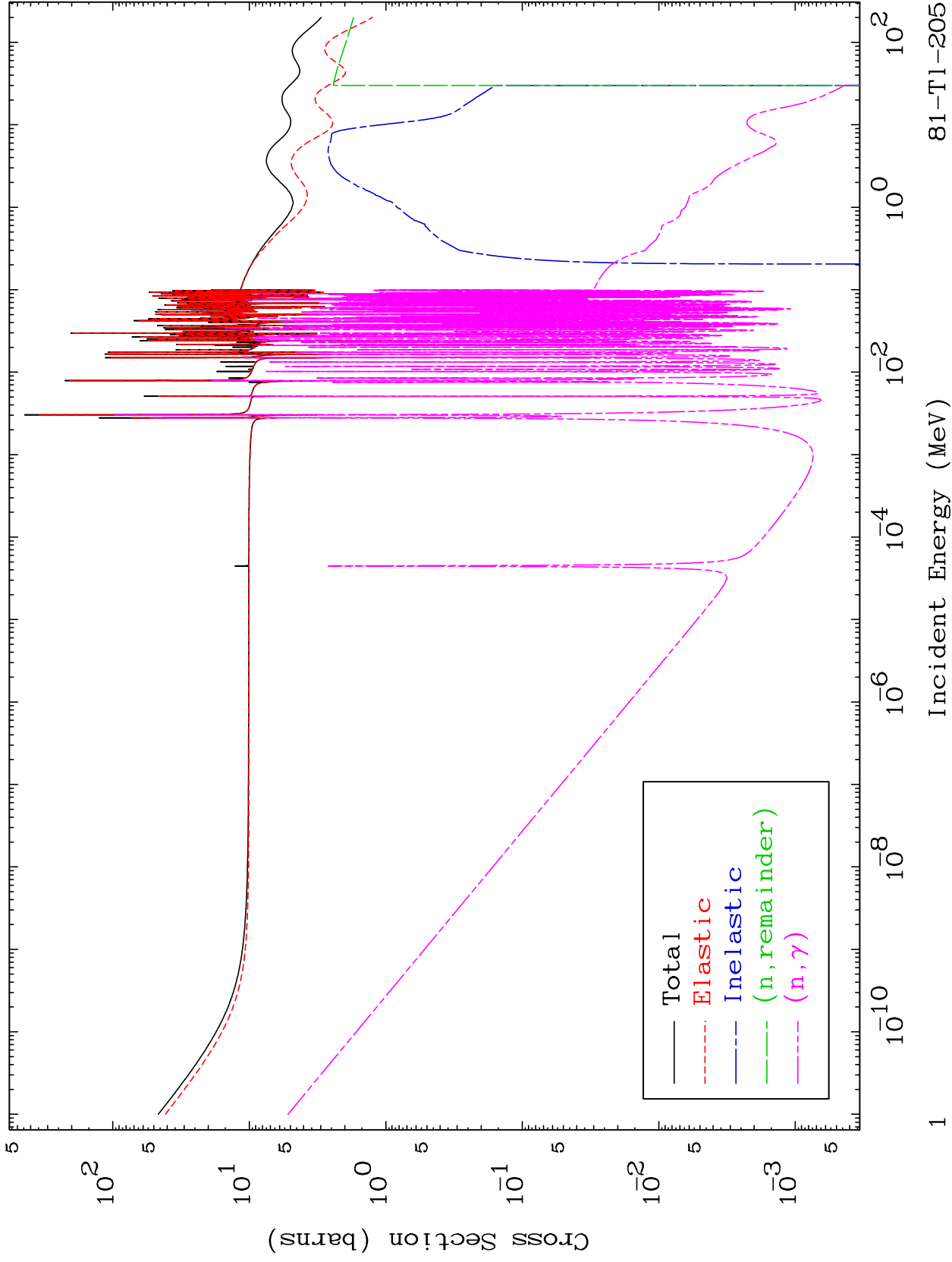
Press Mouse Button to Start

MAT 8131

Major

293 Kelvin Cross Sections

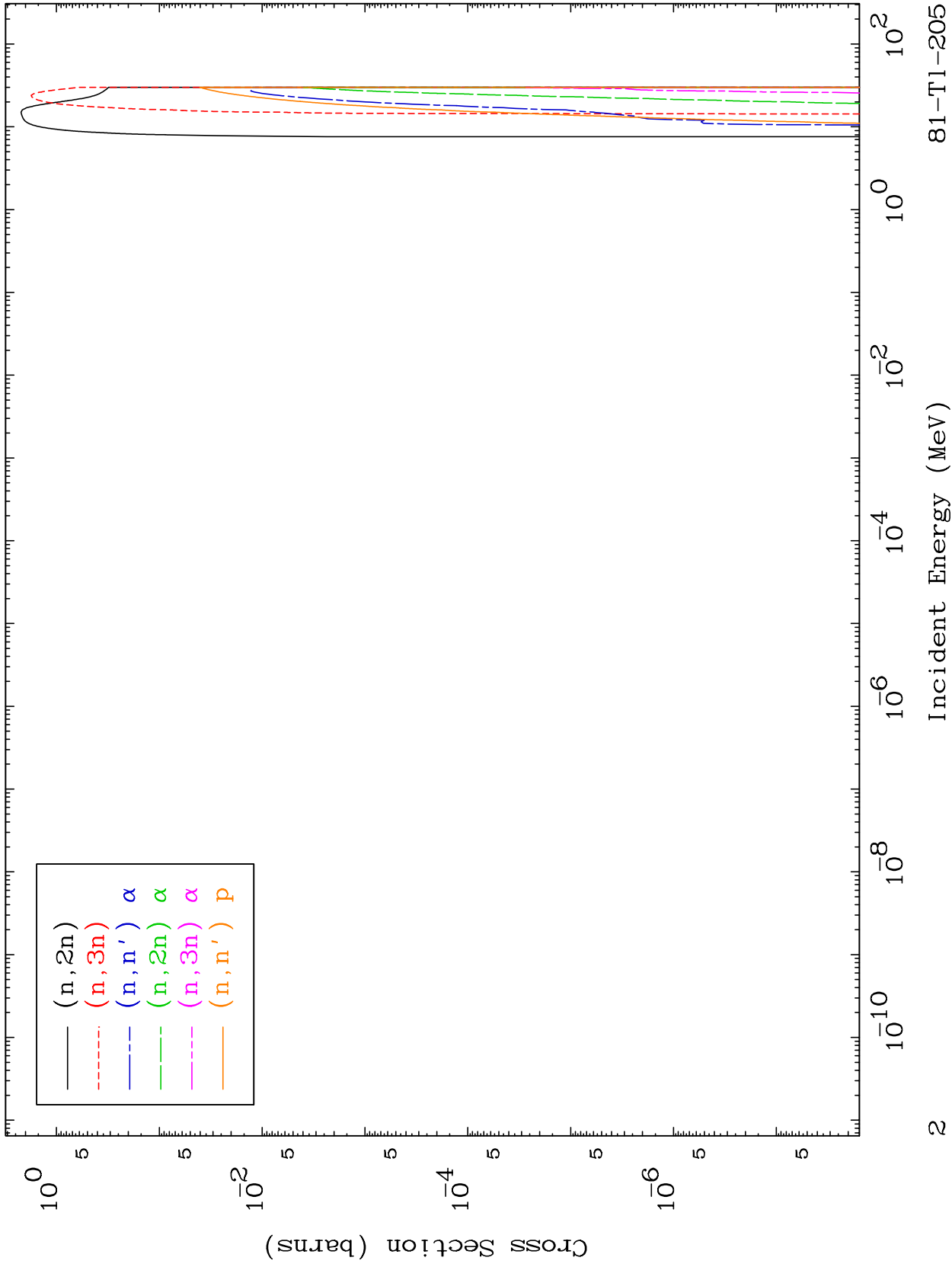
81-Tl-205

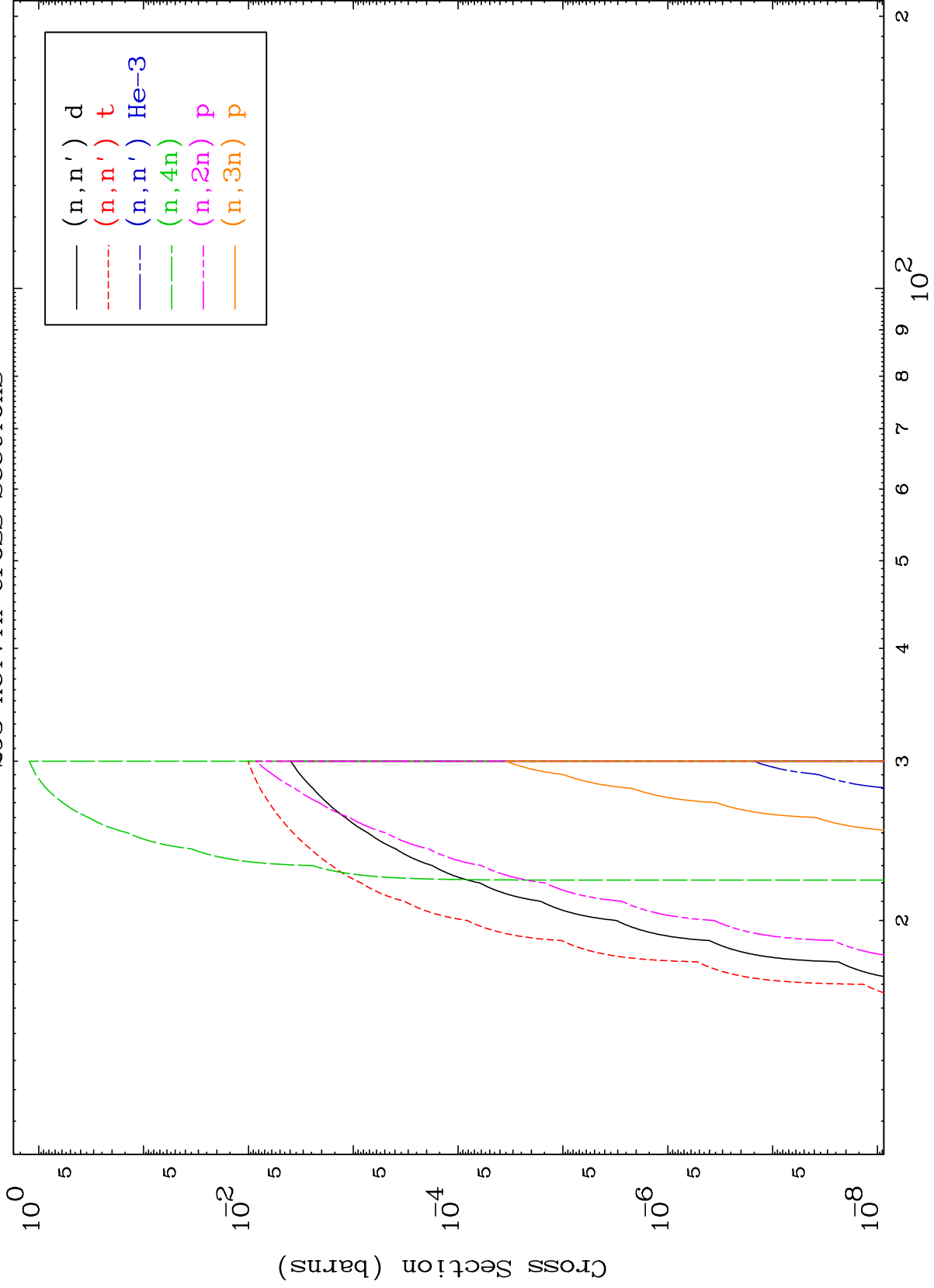


MAT 8131

Neutron Production
293 Kelvin Cross Sections

81-Tl-205

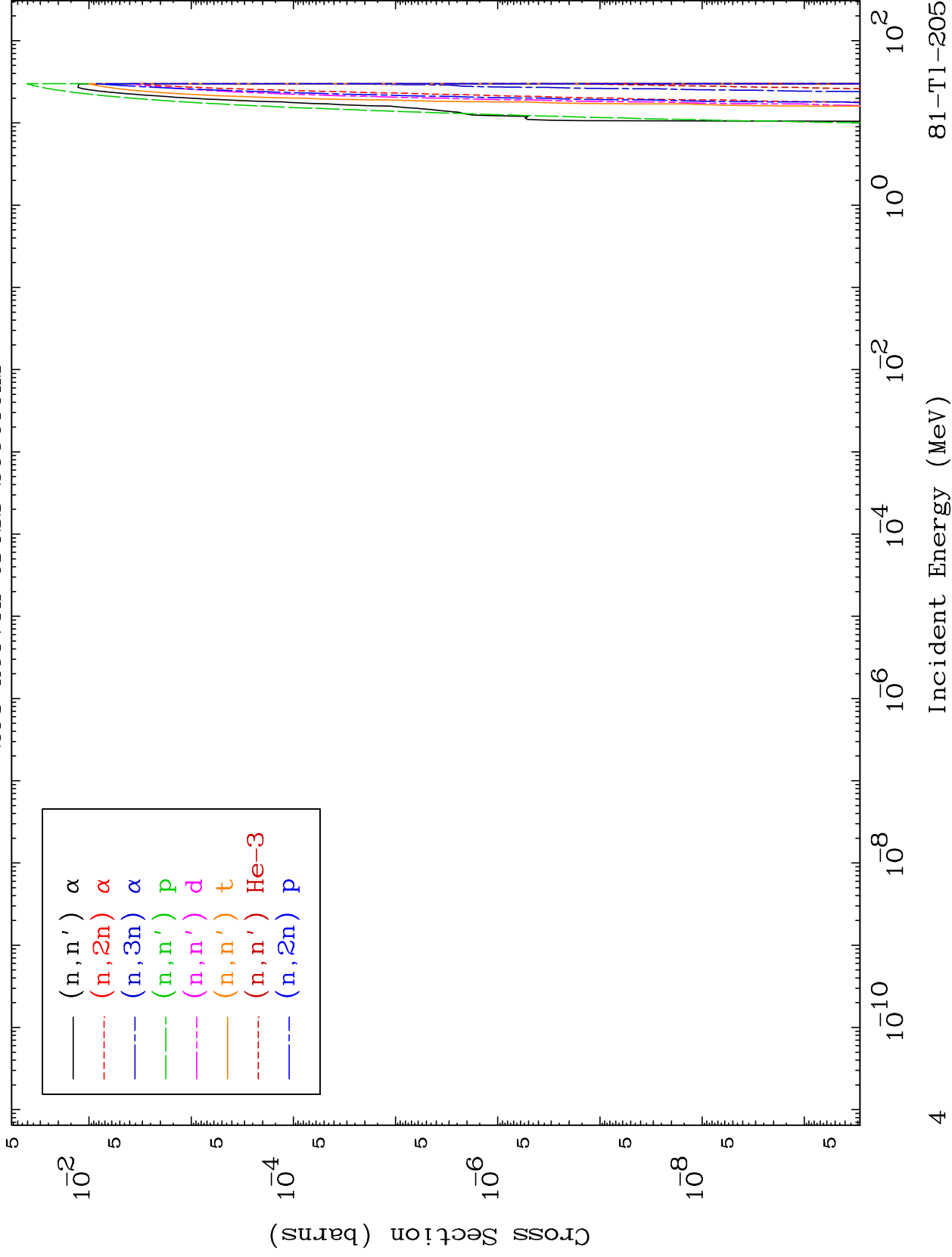




MAT 8131

Charged Particle
293 Kelvin Cross Sections

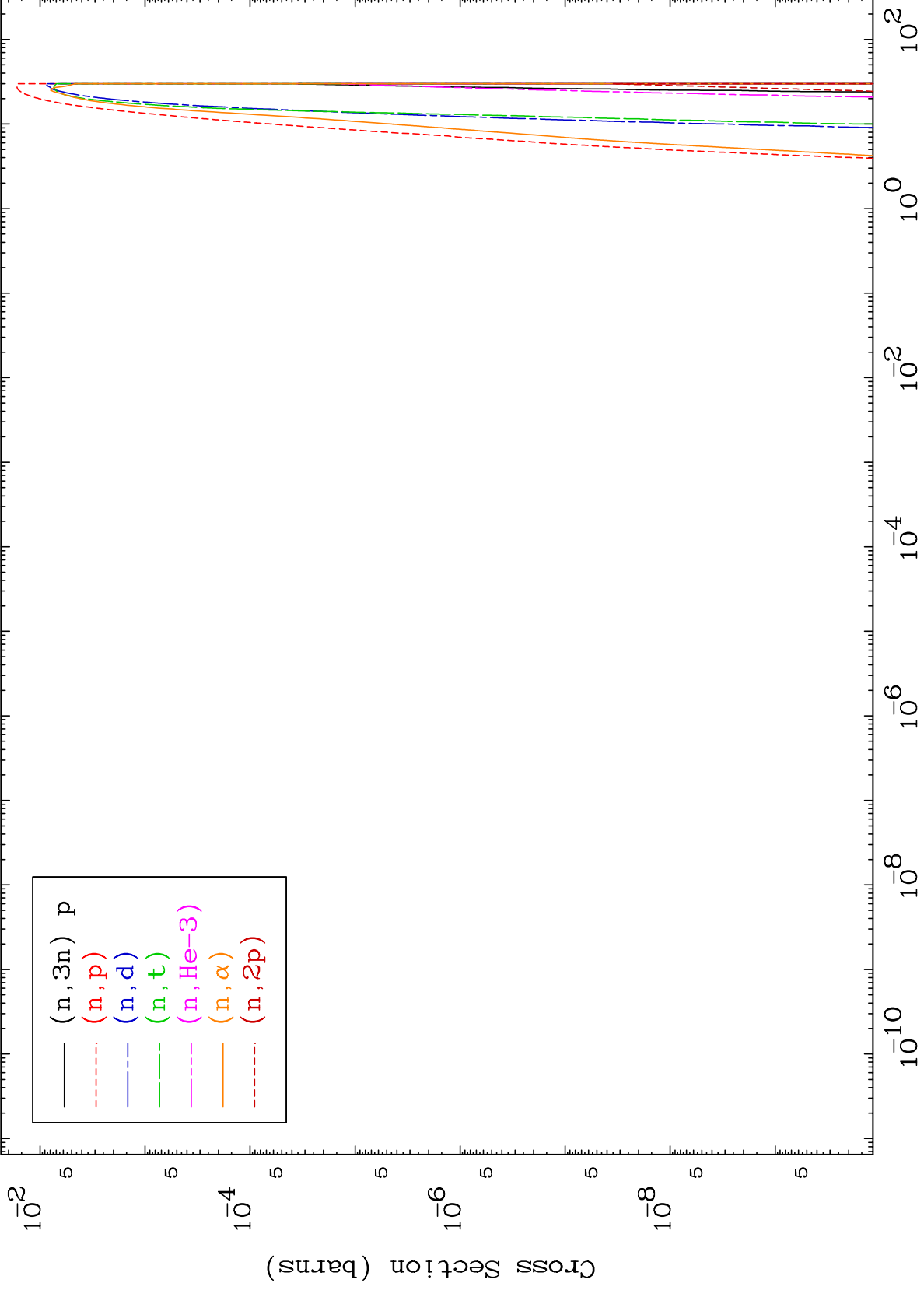
81-Tl-205



MAT 8131

Charged Particle
293 Kelvin Cross Sections

81-Tl-205



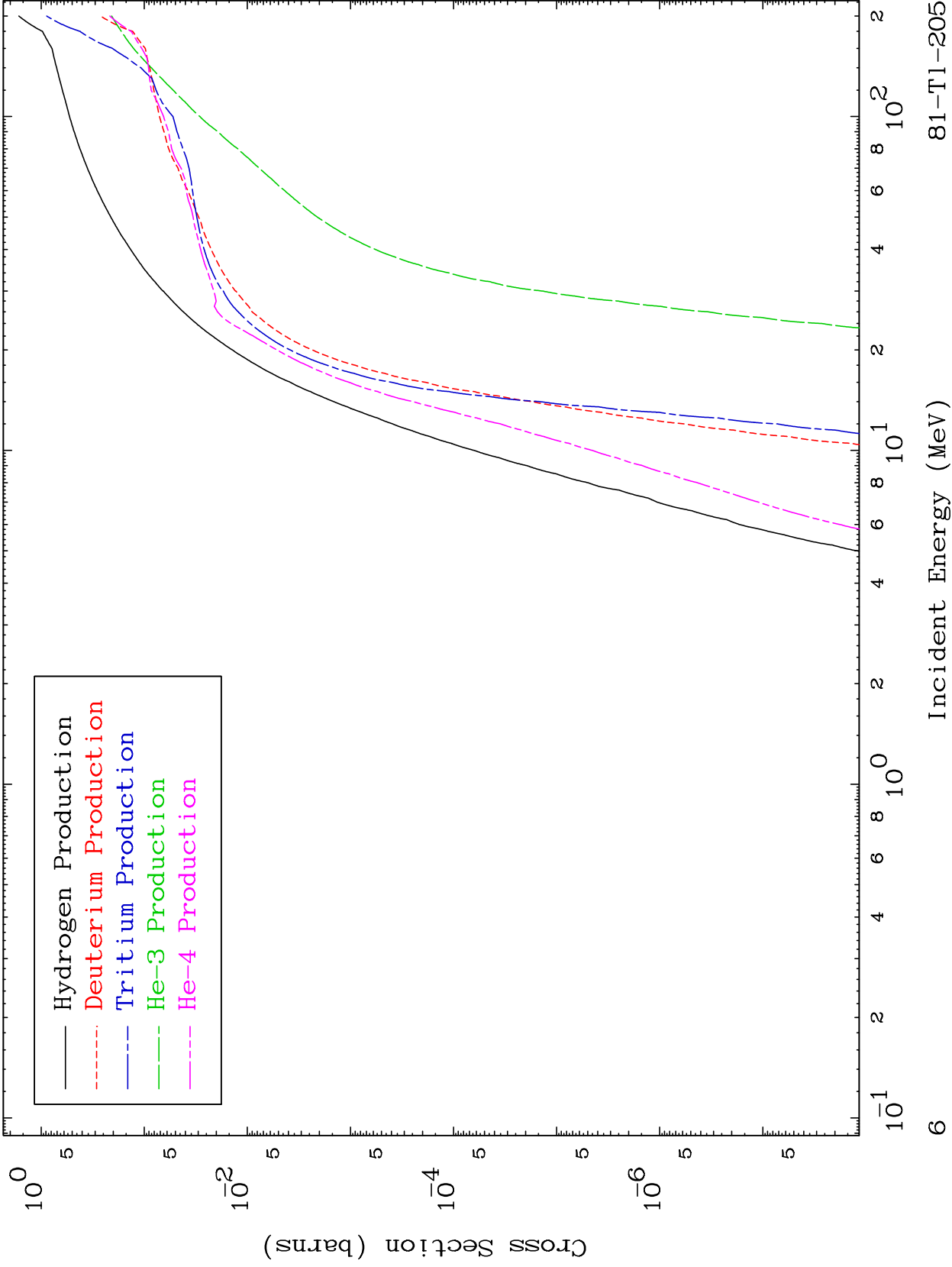
5

81-Tl-205

MAT 8131

Particle Production
293 Kelvin Cross Sections

81-T1-205



81-T1-205

Incident Energy (MeV)

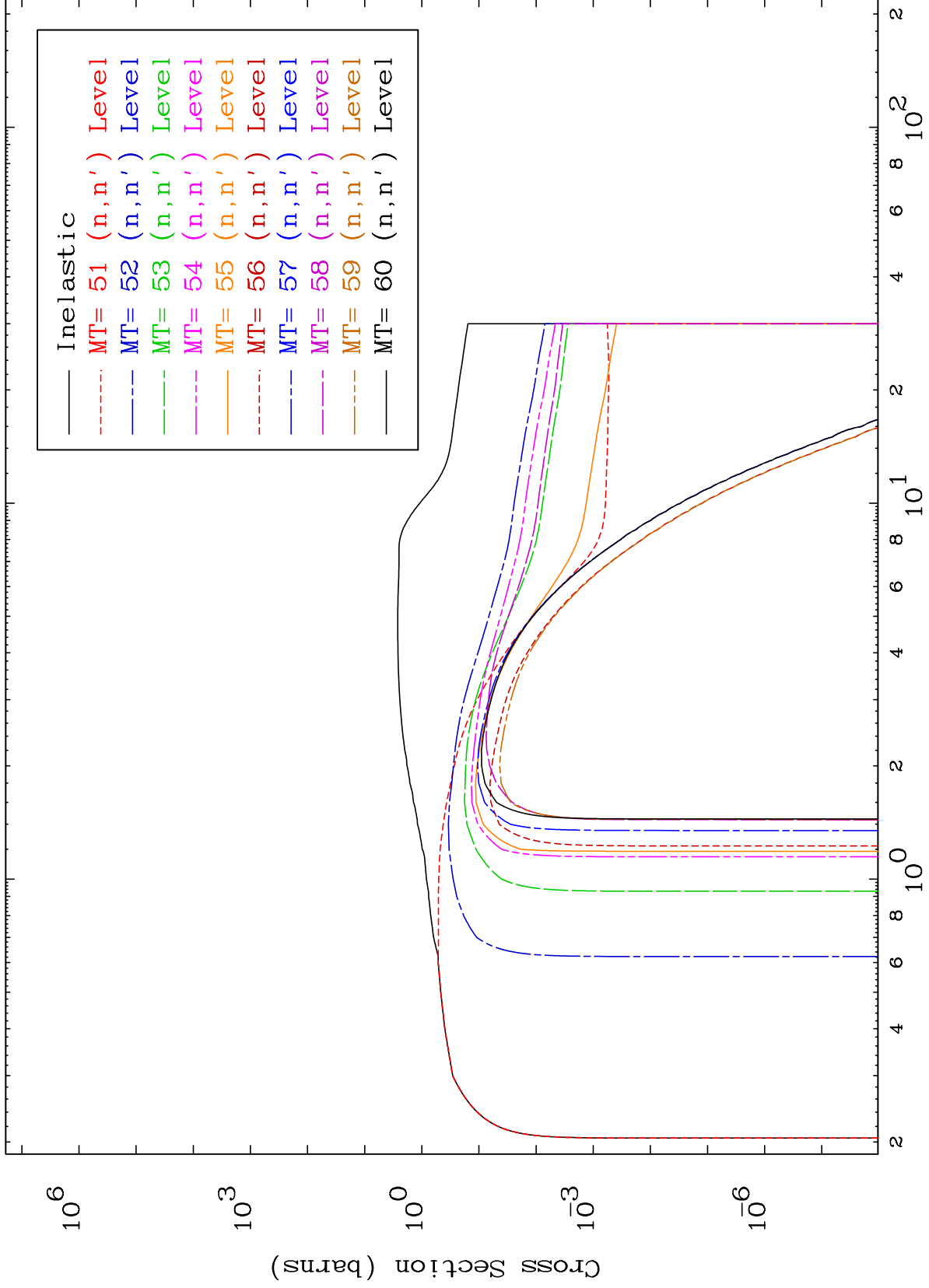
6

MAT 8131

(n,n') Level

81-T1-205

293 Kelvin Cross Sections



7

Incident Energy (MeV)

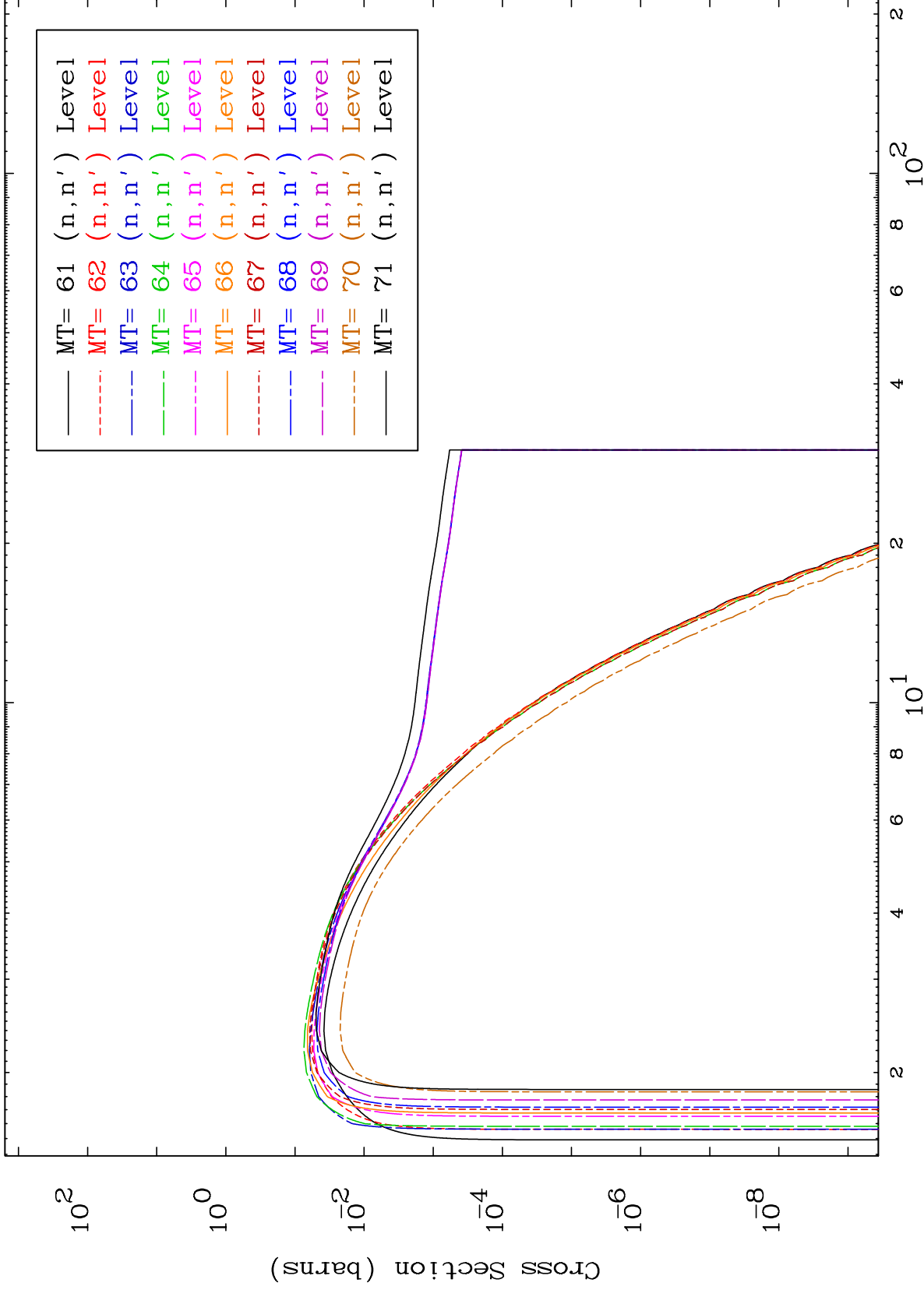
81-T1-205

MAT 8131

(n,n') Level

81-Tl-205

293 Kelvin Cross Sections



8

Incident Energy (MeV)

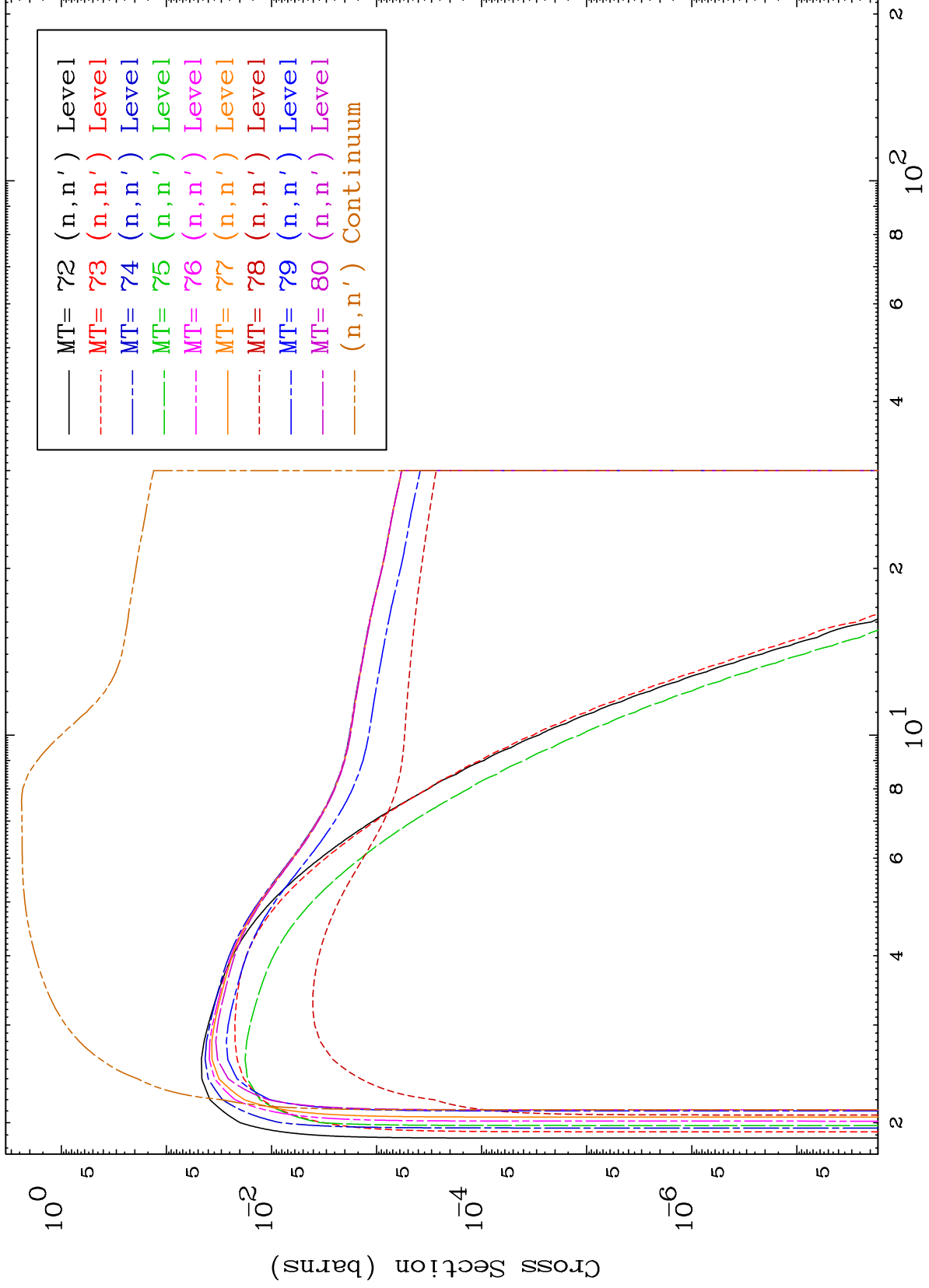
81-Tl-205

MAT 8131

(n,n') Level

81-Tl-205

293 Kelvin Cross Sections



9

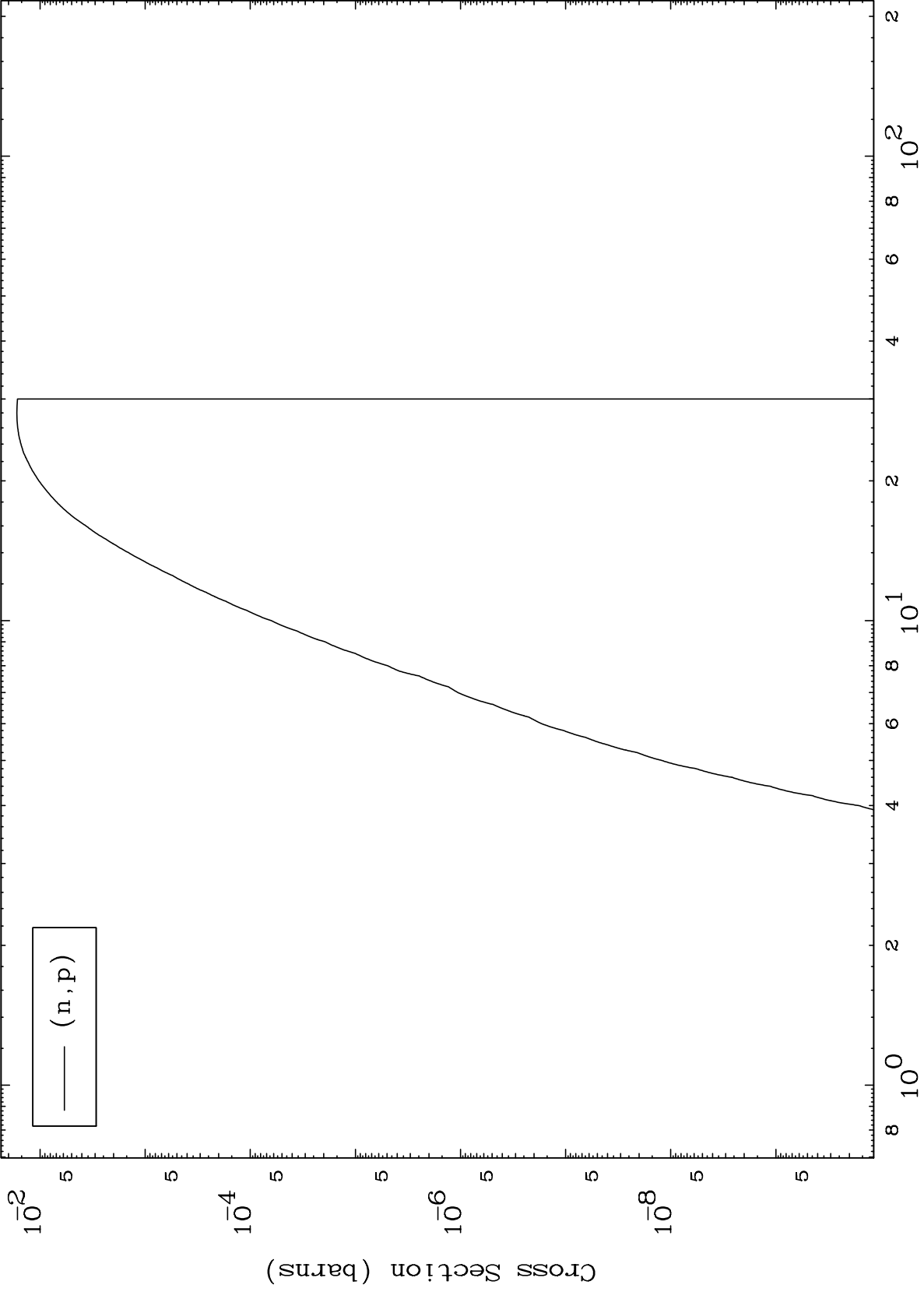
Incident Energy (MeV)

81-Tl-205

MAT 8131

(n,p) Levels
293 Kelvin Cross Sections

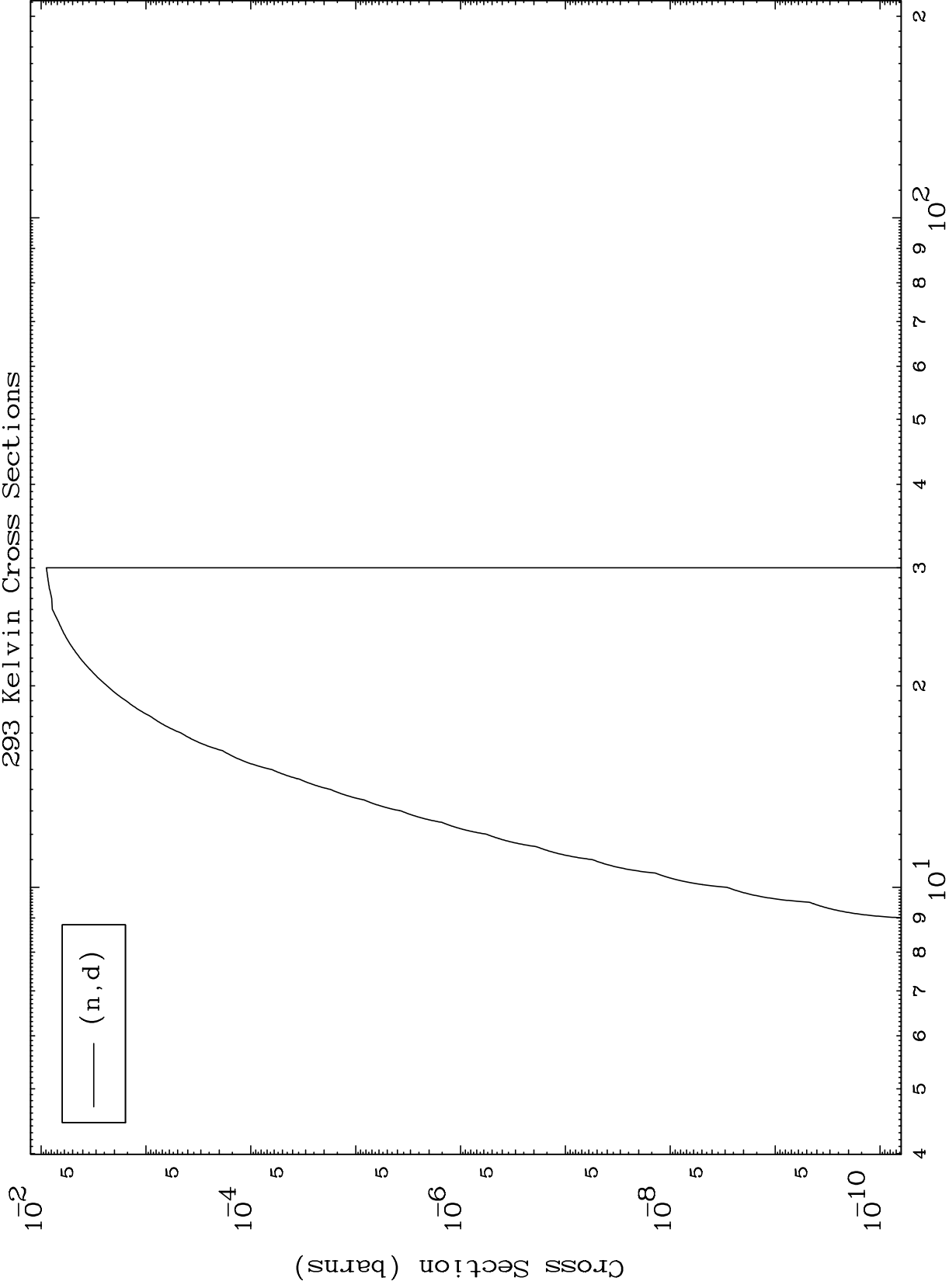
81-Tl-205



MAT 8131

(n,d) Levels
293 Kelvin Cross Sections

81-T1-205



11

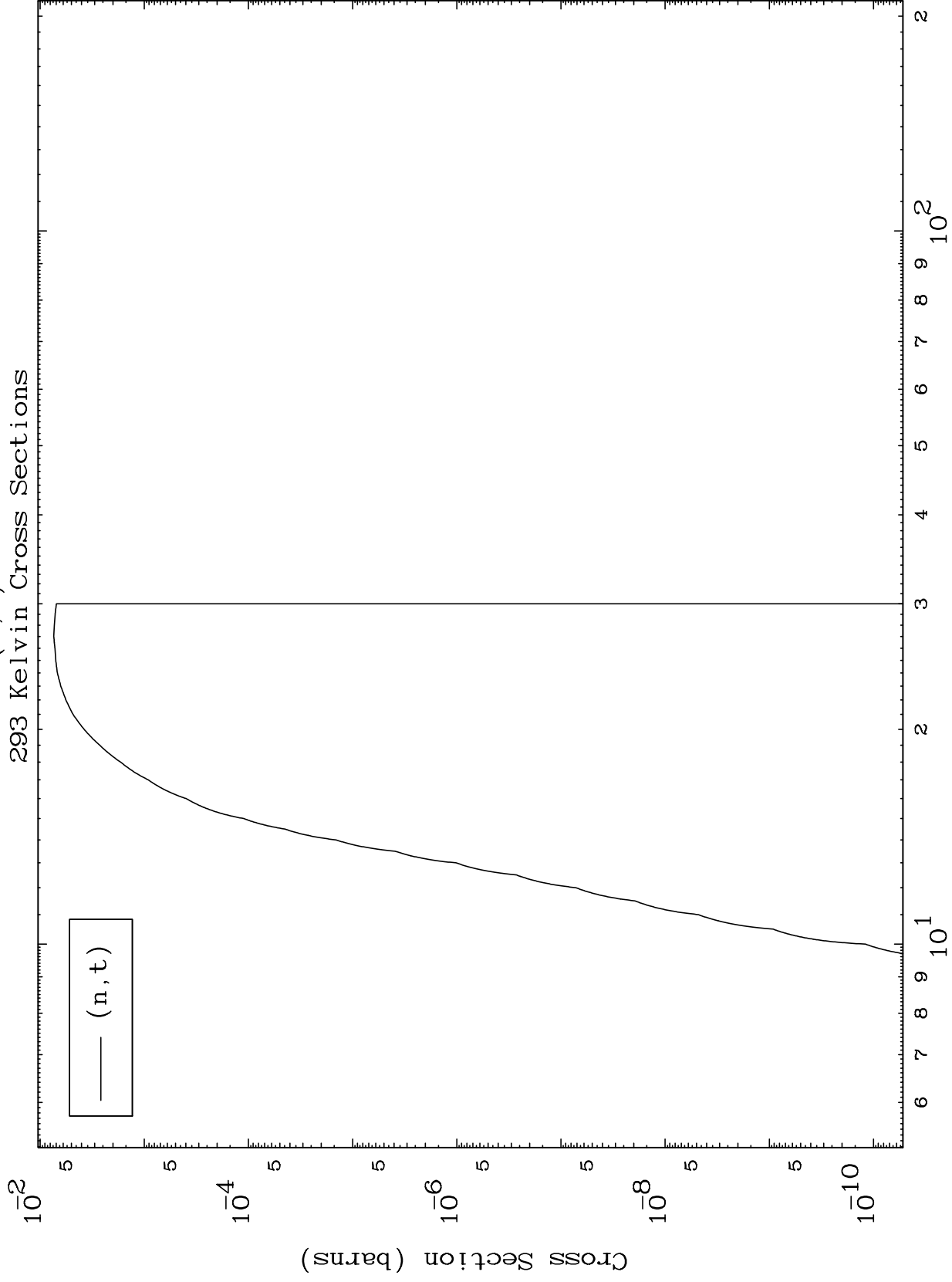
Incident Energy (MeV)

81-T1-205

MAT 8131

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-205



12

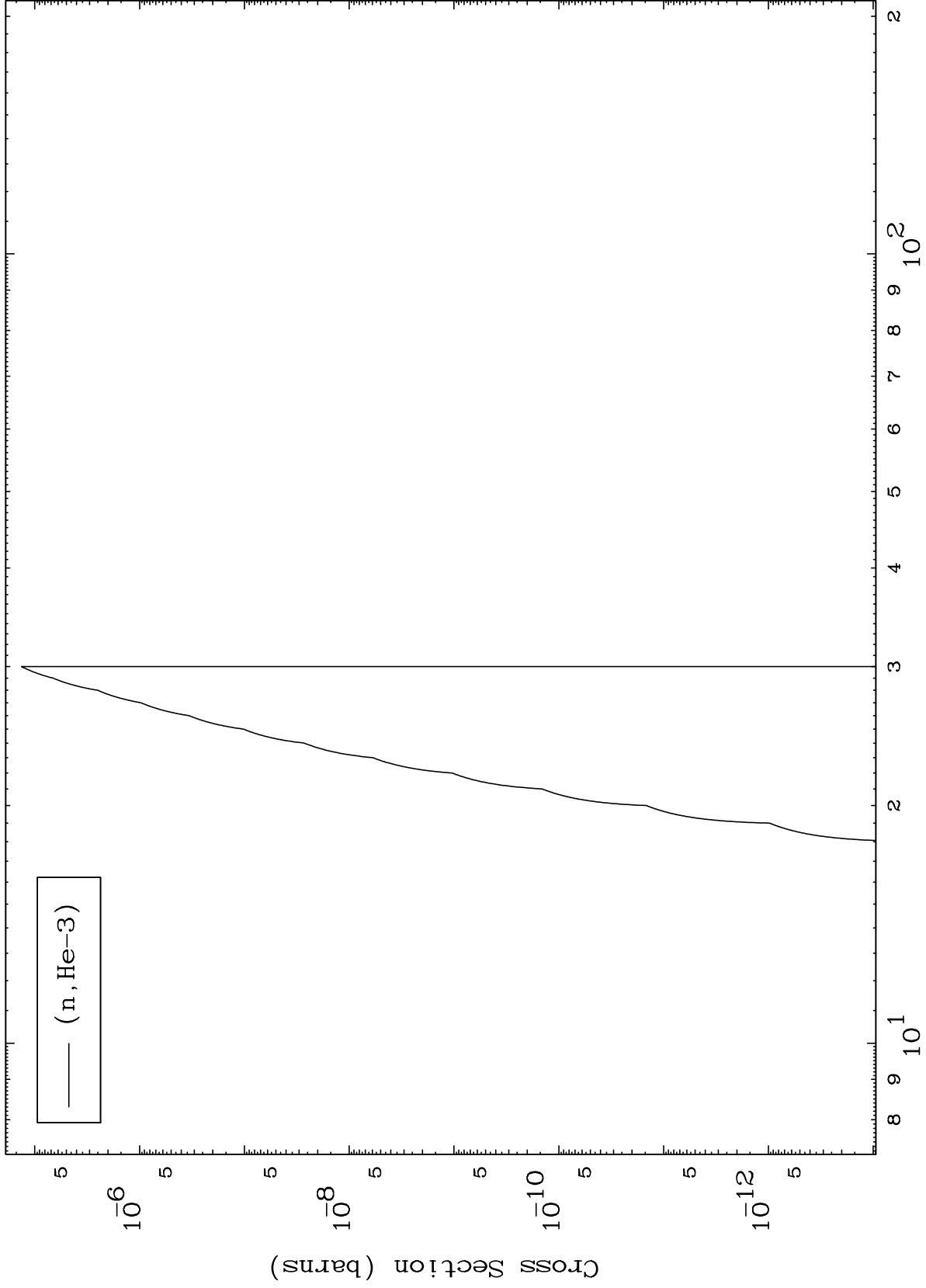
Incident Energy (MeV)

81-Tl-205

MAT 8131

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-205



13

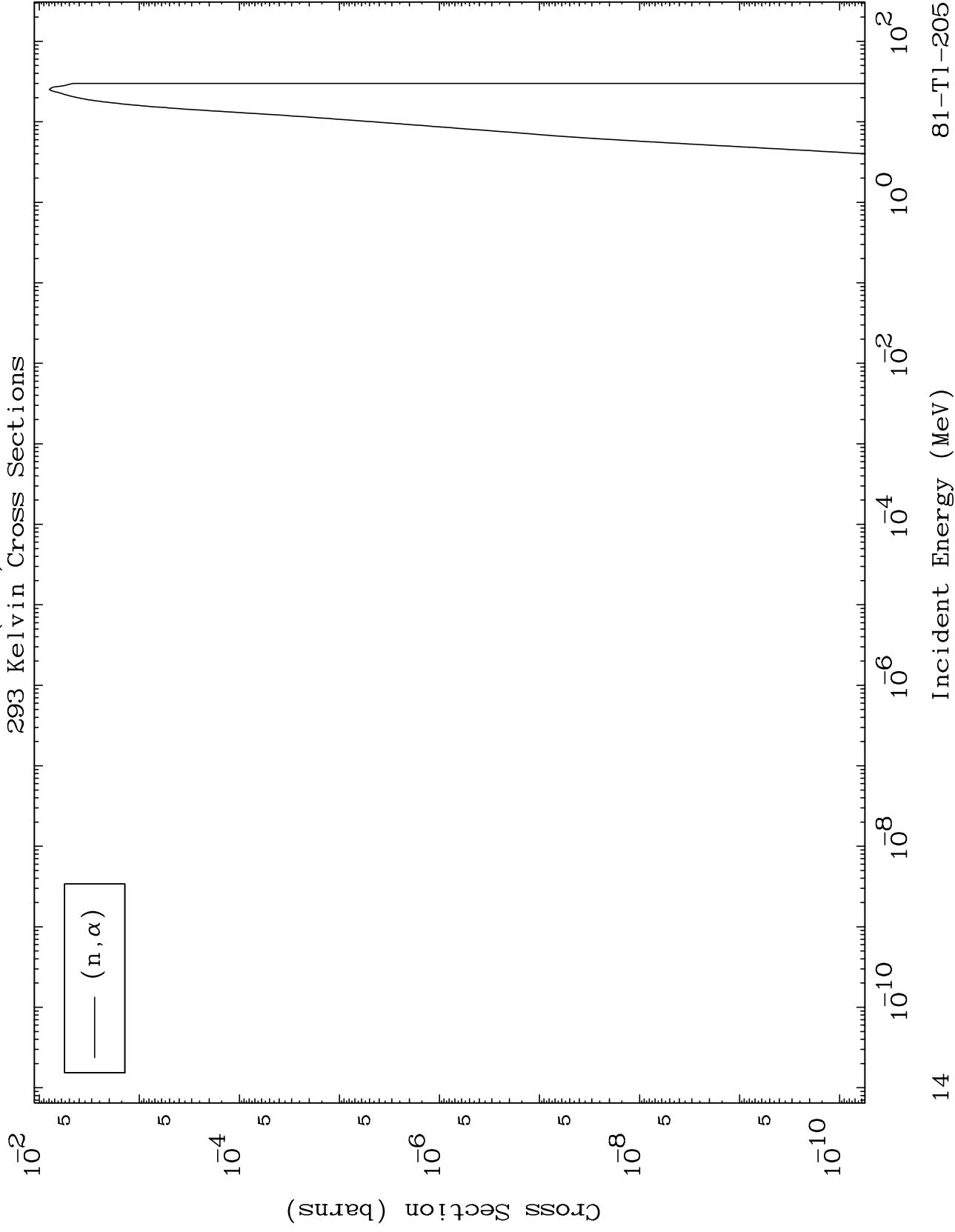
Incident Energy (MeV)

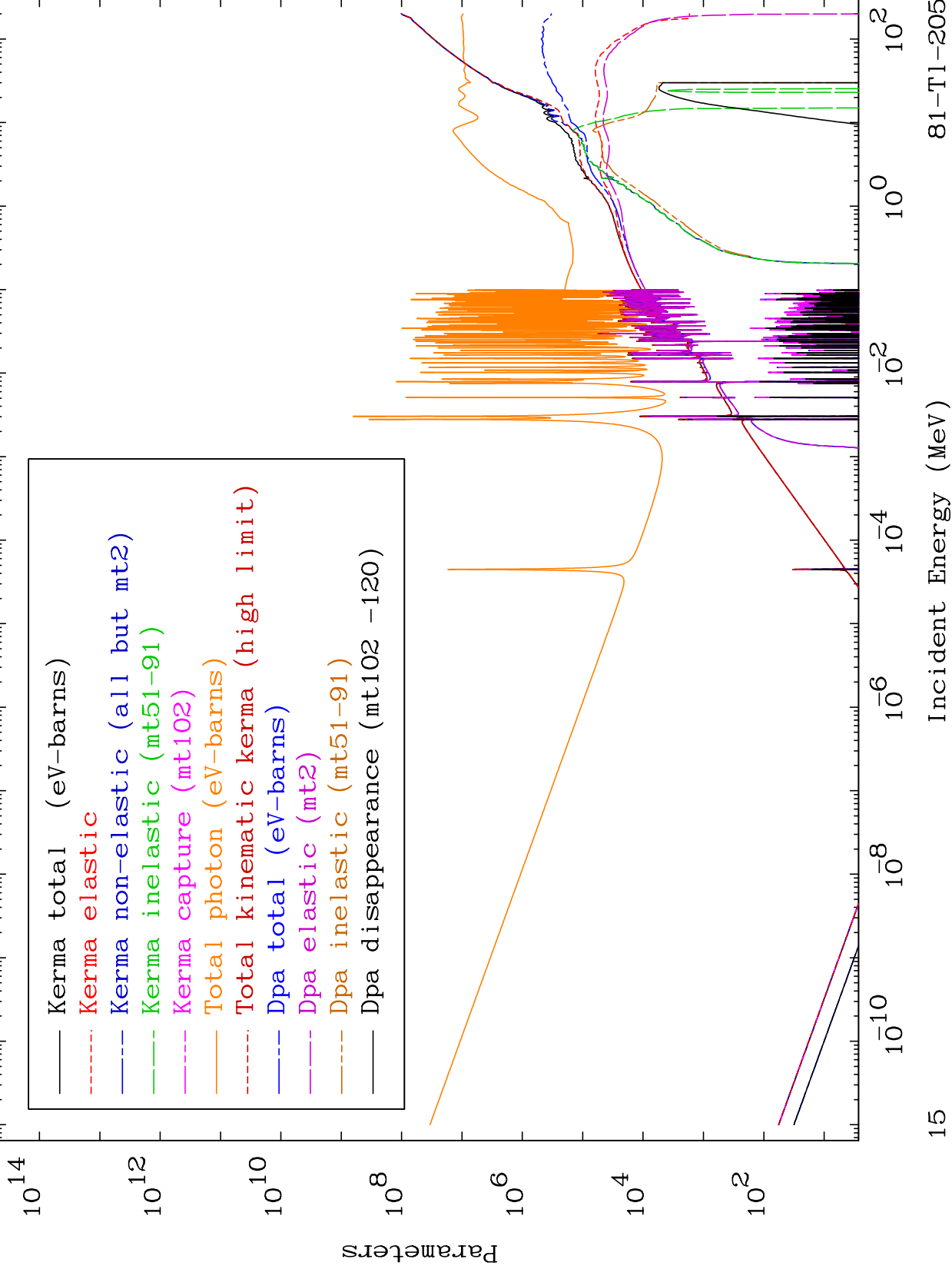
81-T1-205

MAT 8131

(n, α) Levels
293 Kelvin Cross Sections

81-Tl-205

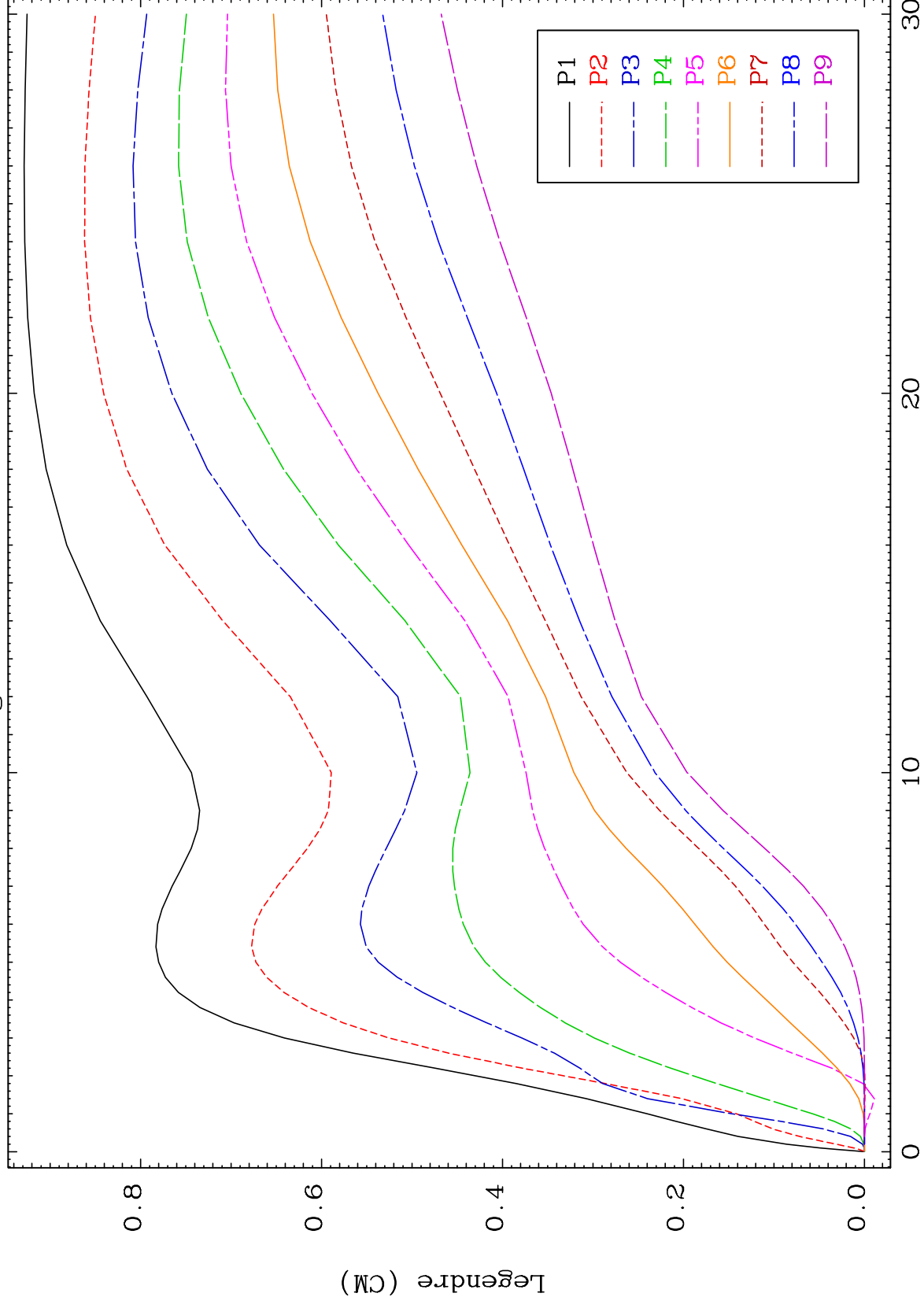




MAT 8131

Elastic Legendre Coefficients

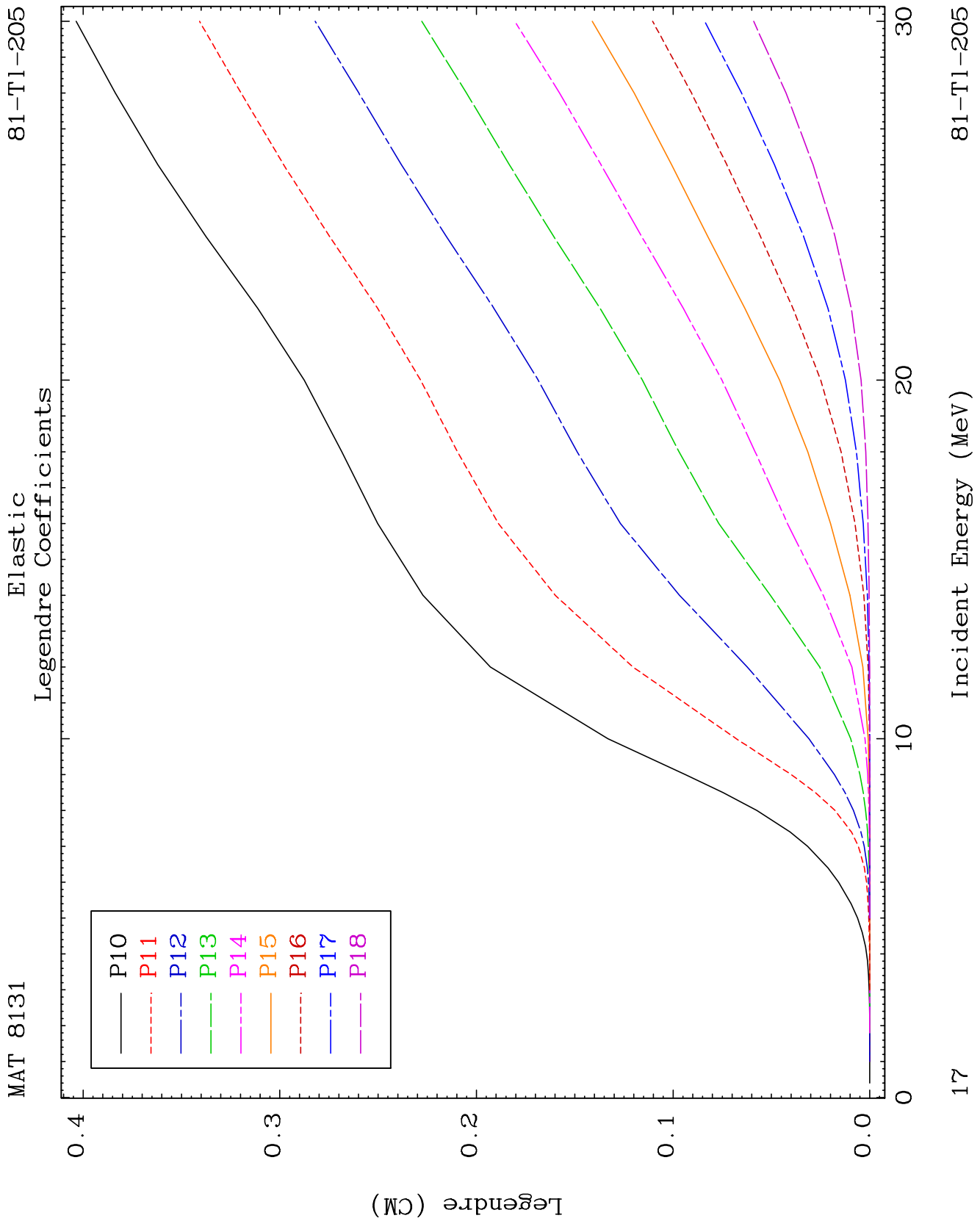
81-T1-205



16

Incident Energy (MeV)

81-T1-205



81-T1-205

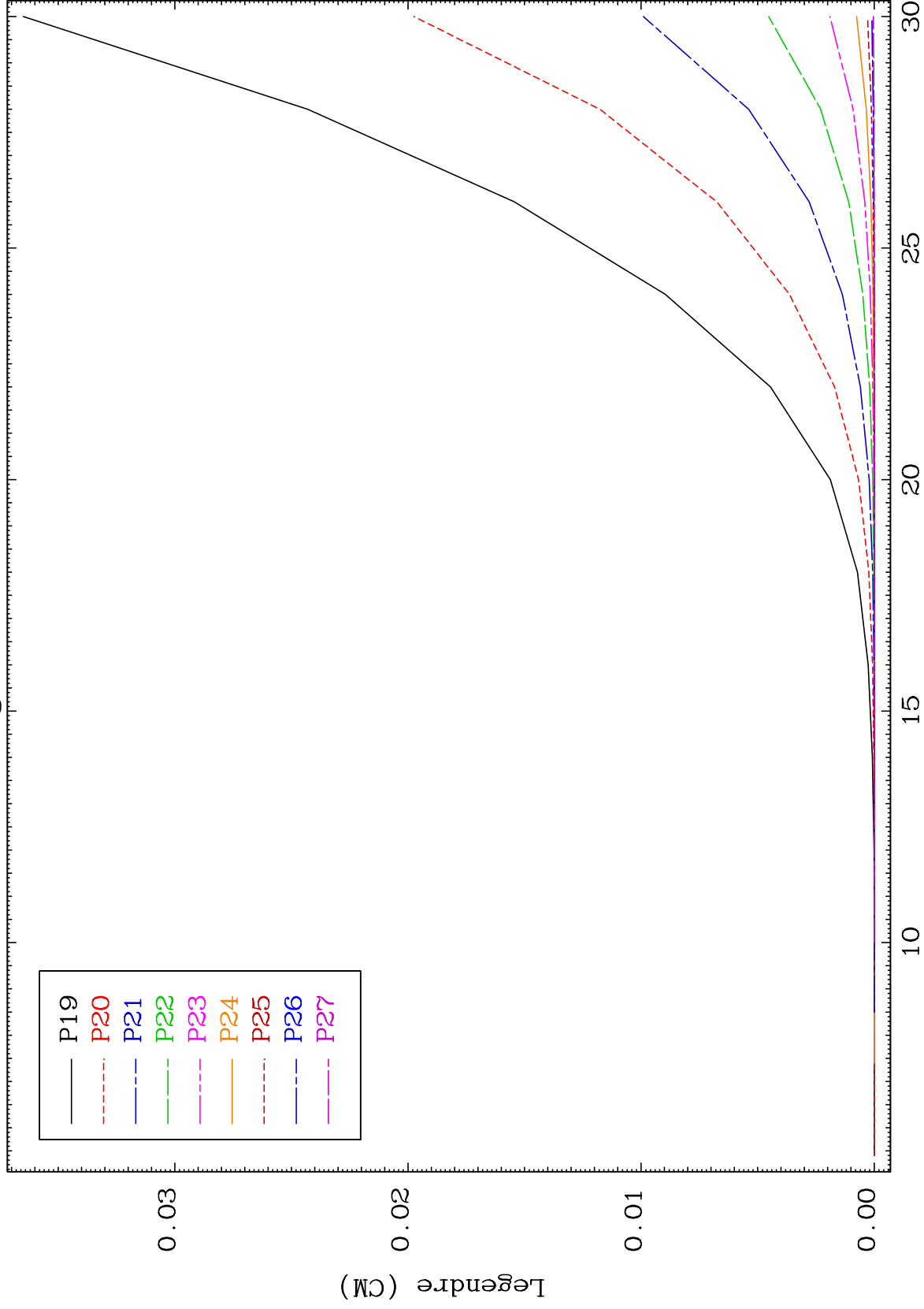
Incident Energy (MeV)

17

MAT 8131

Elastic Legendre Coefficients

81-T1-205



18

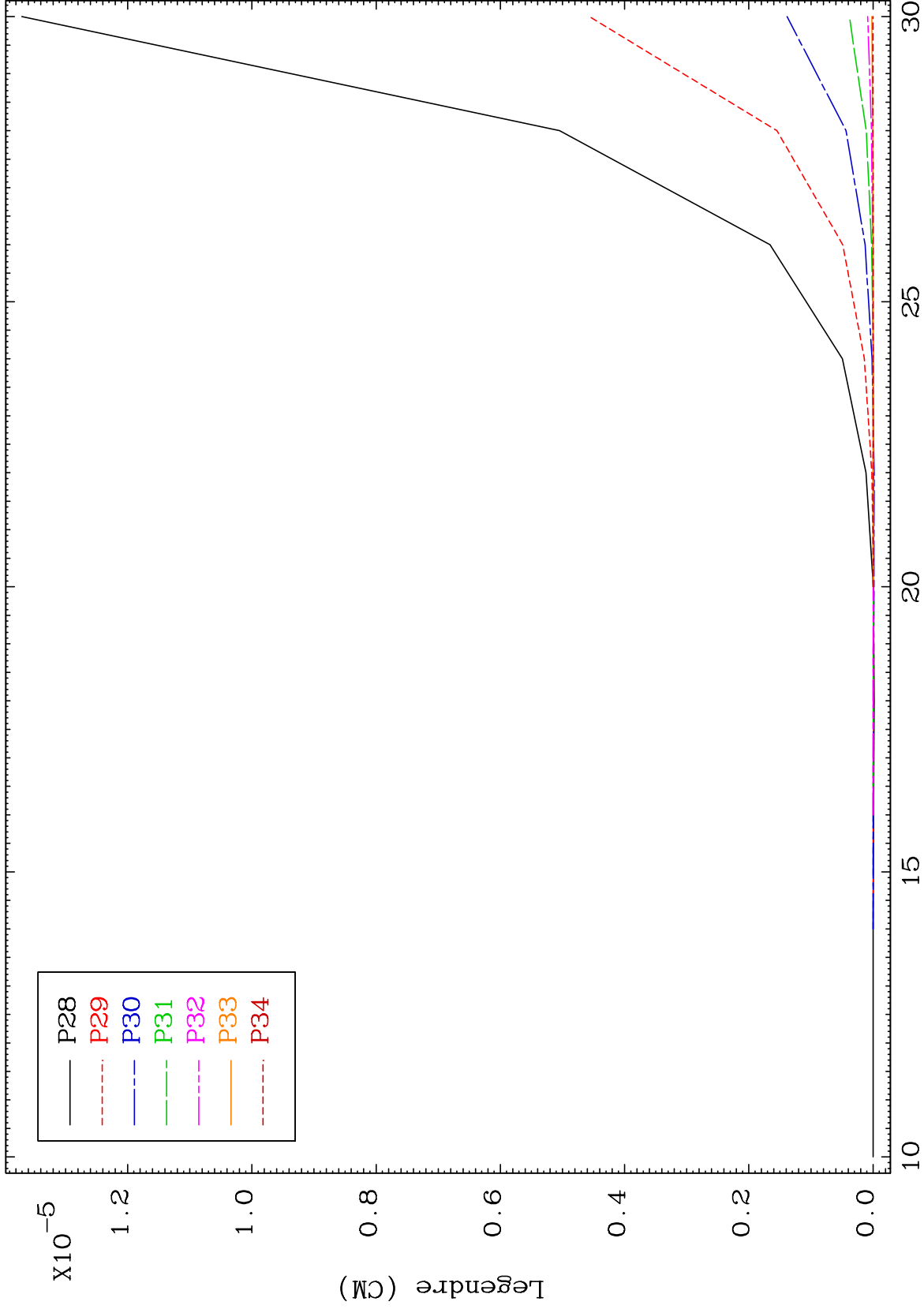
Incident Energy (MeV)

81-T1-205

MAT 8131

Elastic
Legendre Coefficients

81-T1-205



19

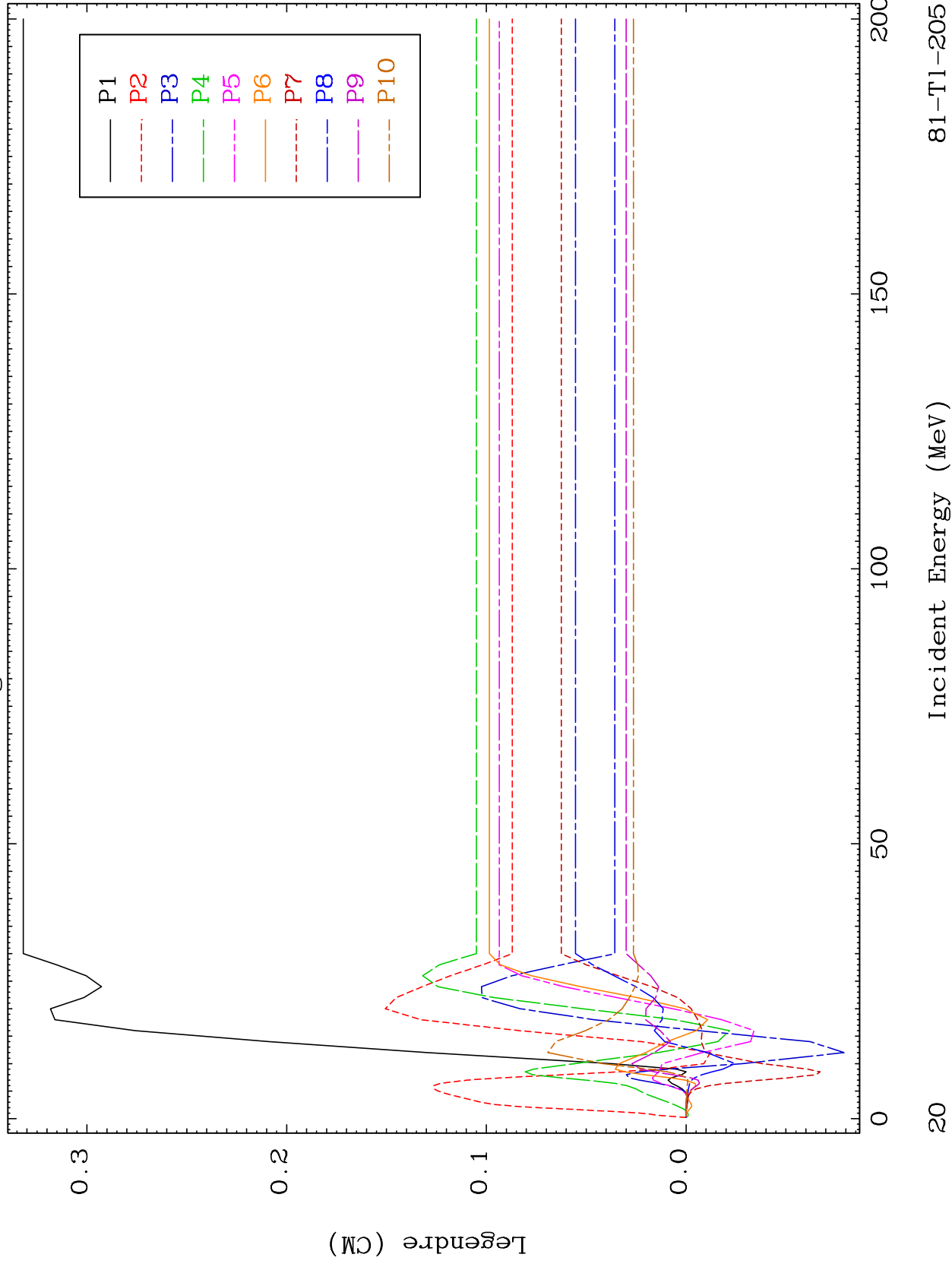
Incident Energy (MeV)

81-T1-205

MAT 8131

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

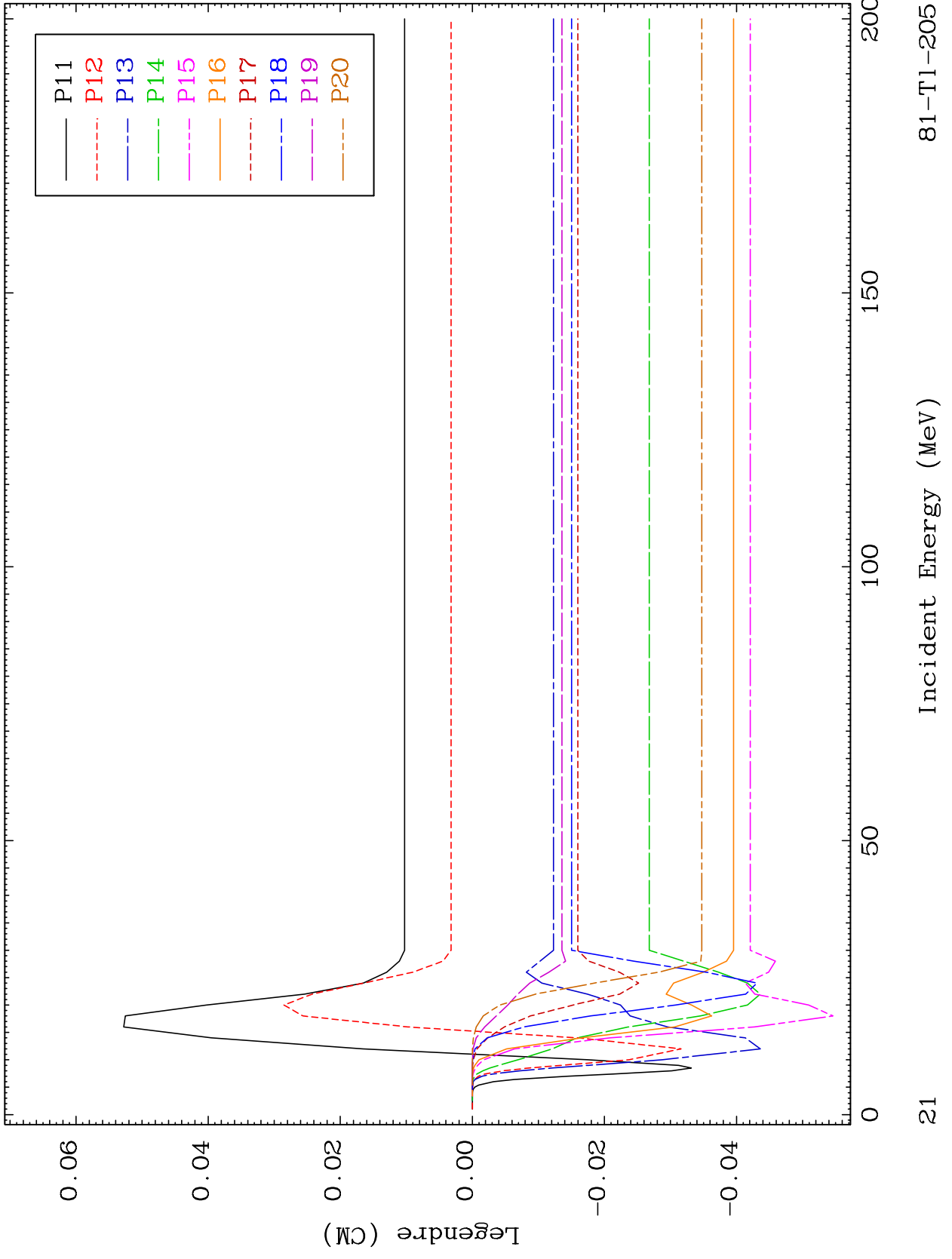
81-T1-205



MAT 8131

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

81-T1-205



21

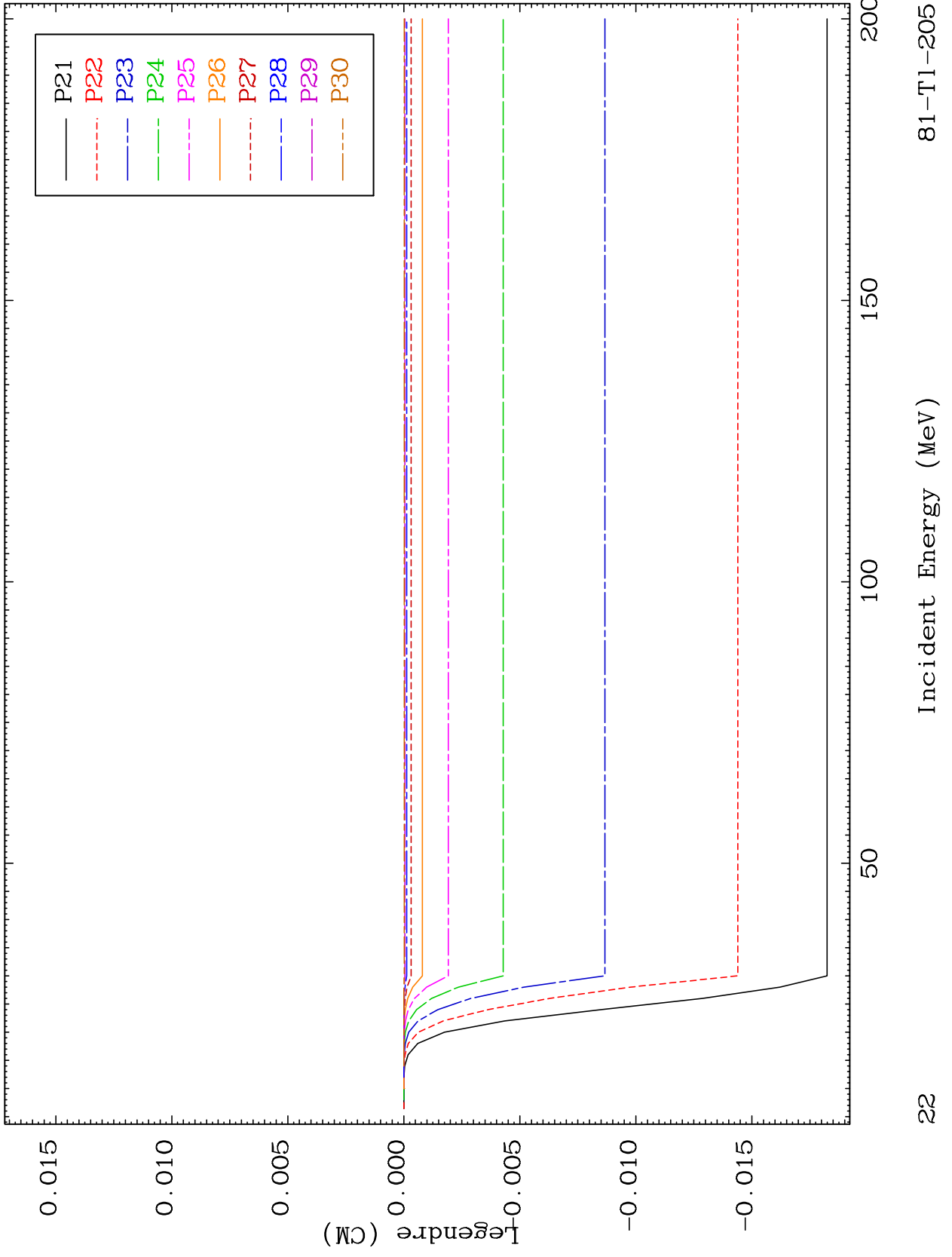
Incident Energy (MeV)

81-T1-205

MAT 8131

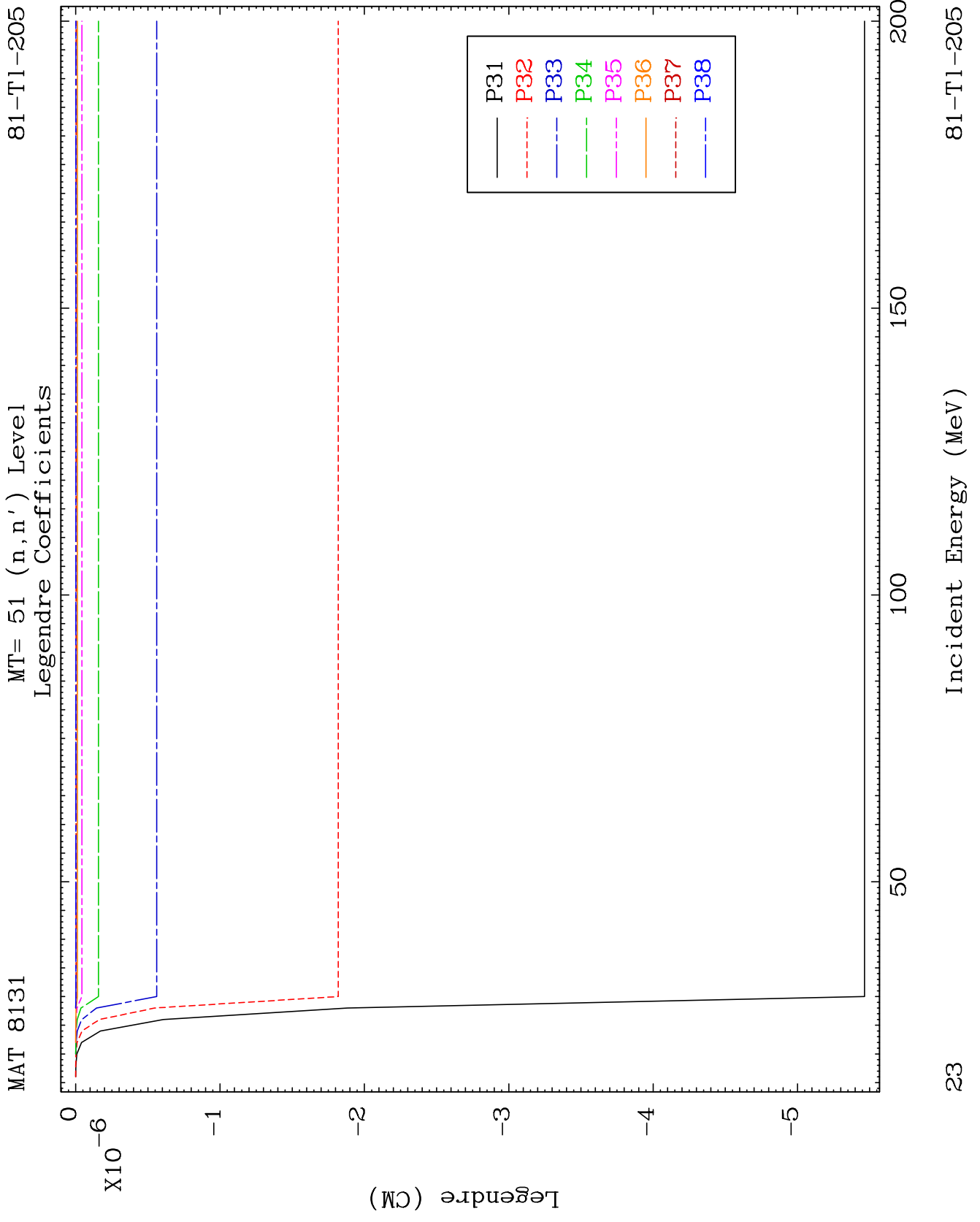
MT= 51 (n,n') Level
Legendre Coefficients

81-T1-205



22

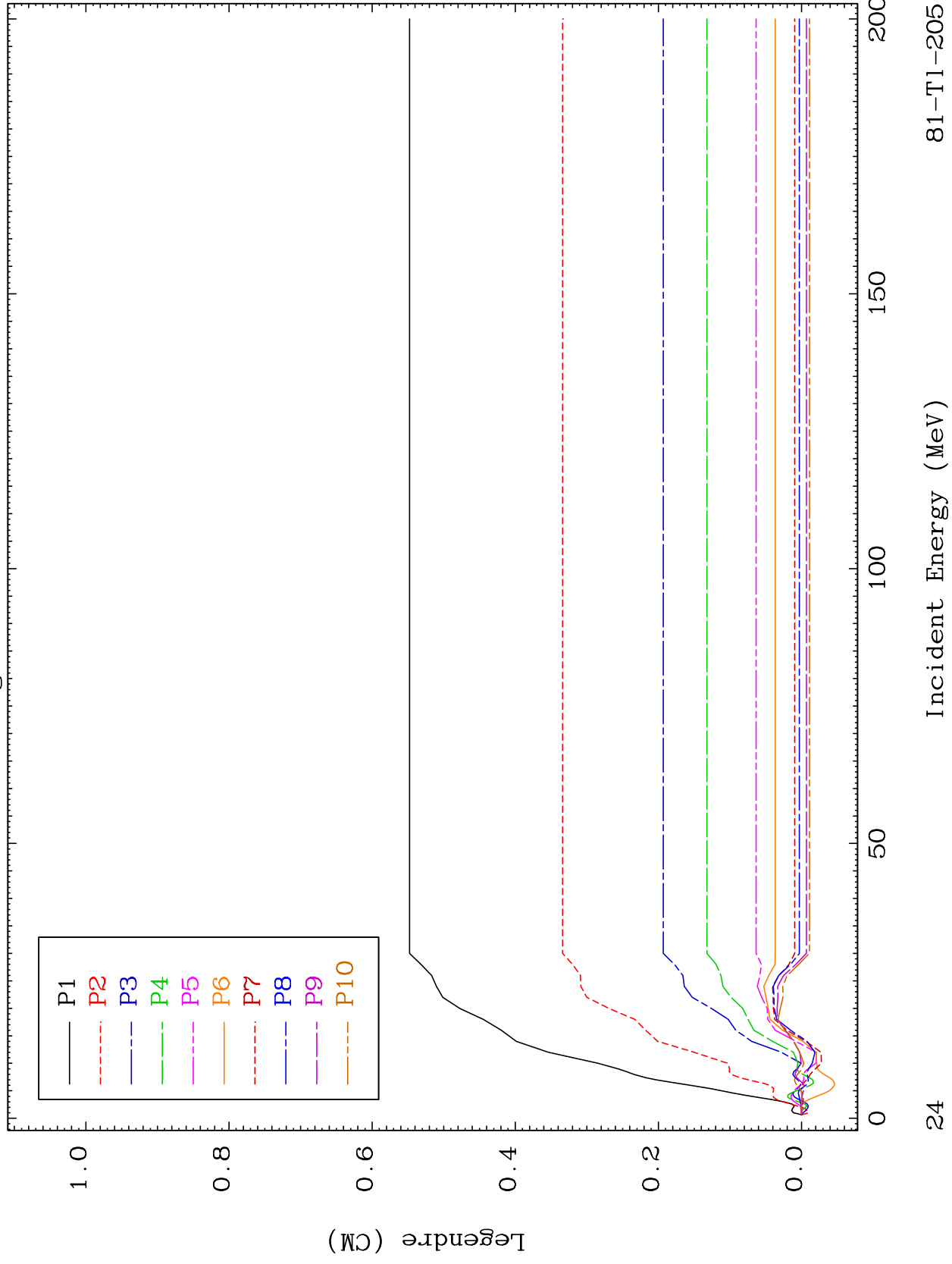
81-T1-205



MAT 8131

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

81-T1-205



24

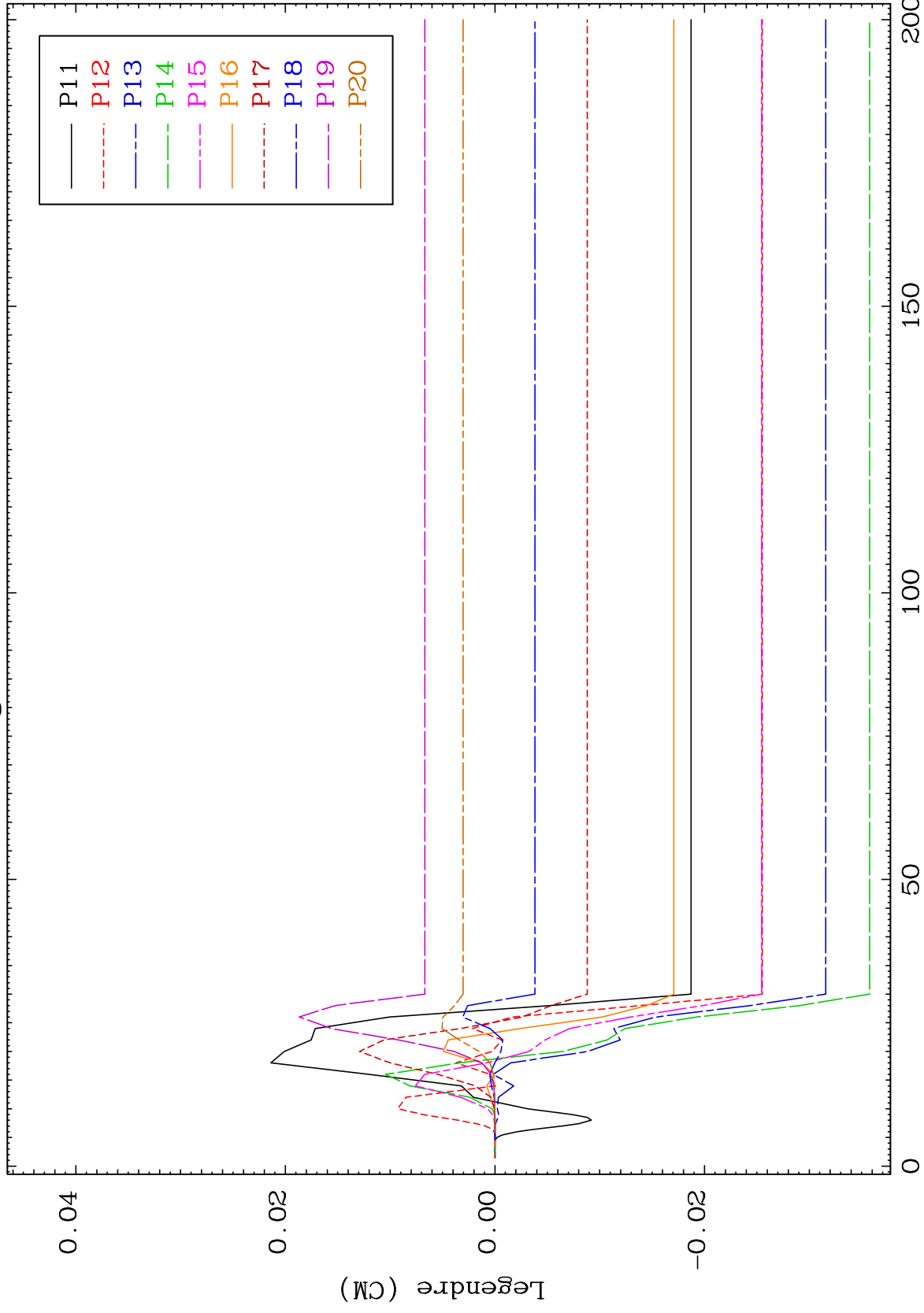
Incident Energy (MeV)

81-T1-205

MAT 8131

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

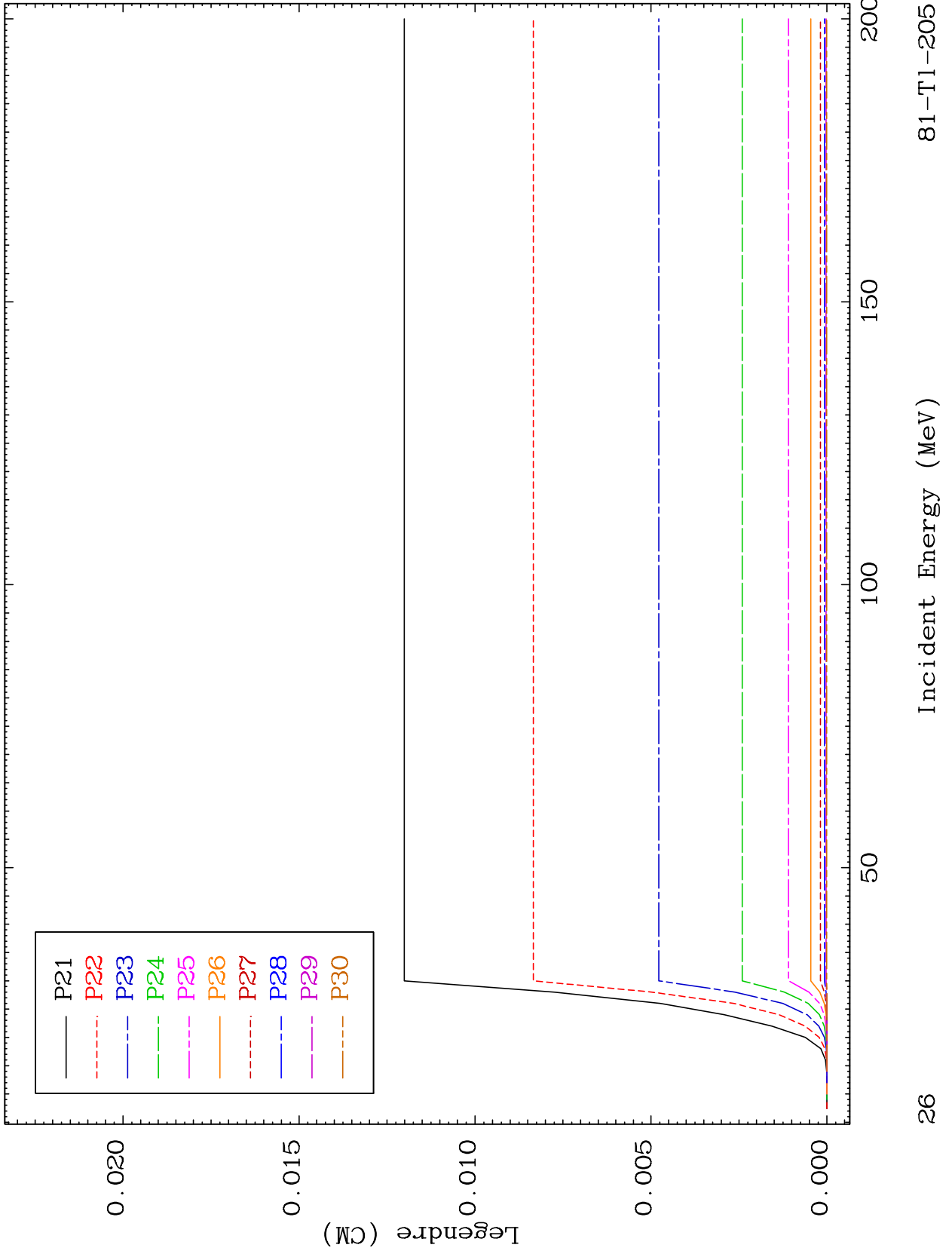
81-T1-205



25

Incident Energy (MeV)

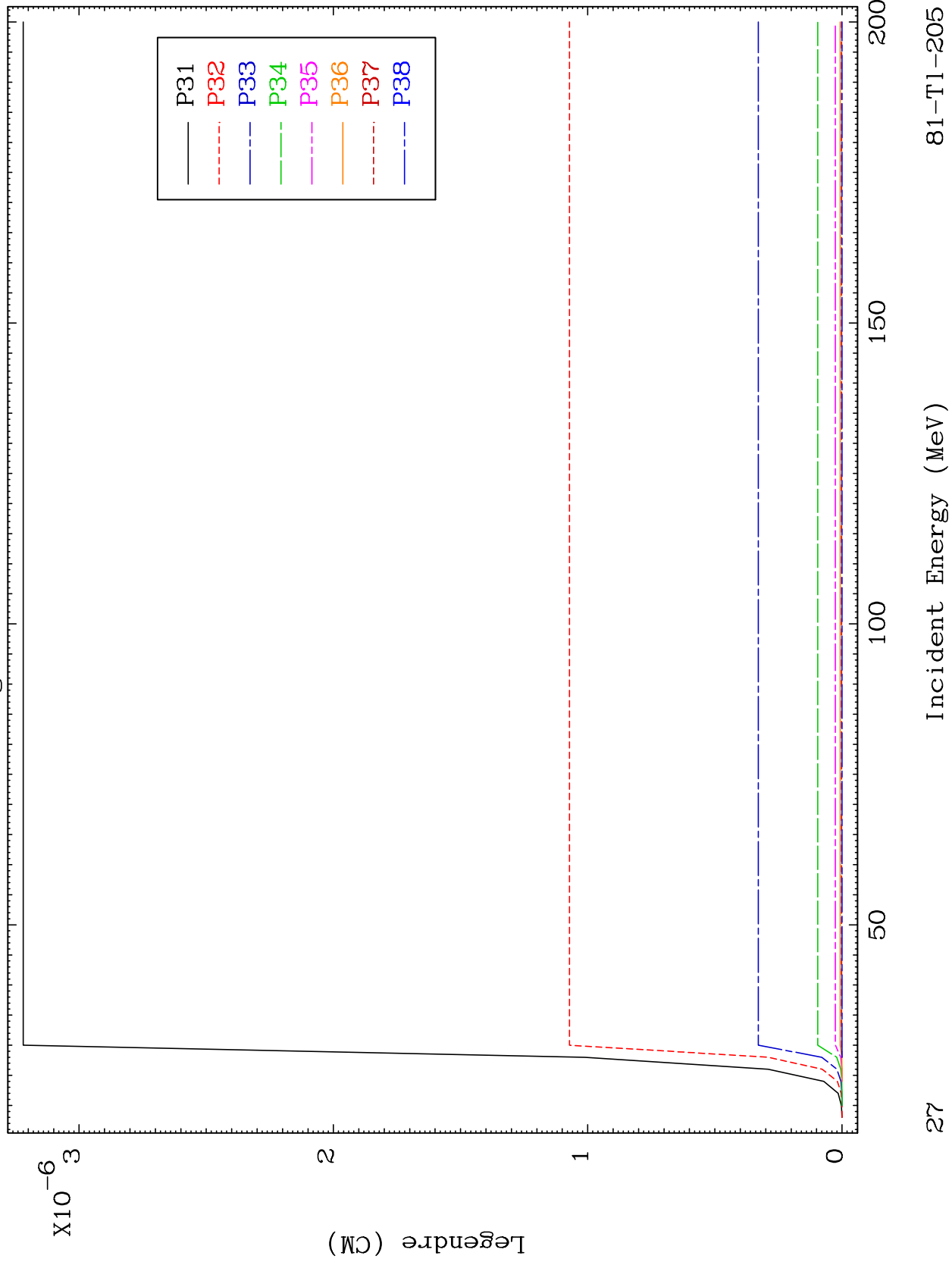
81-T1-205



MAT 8131

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

81-T1-205



27

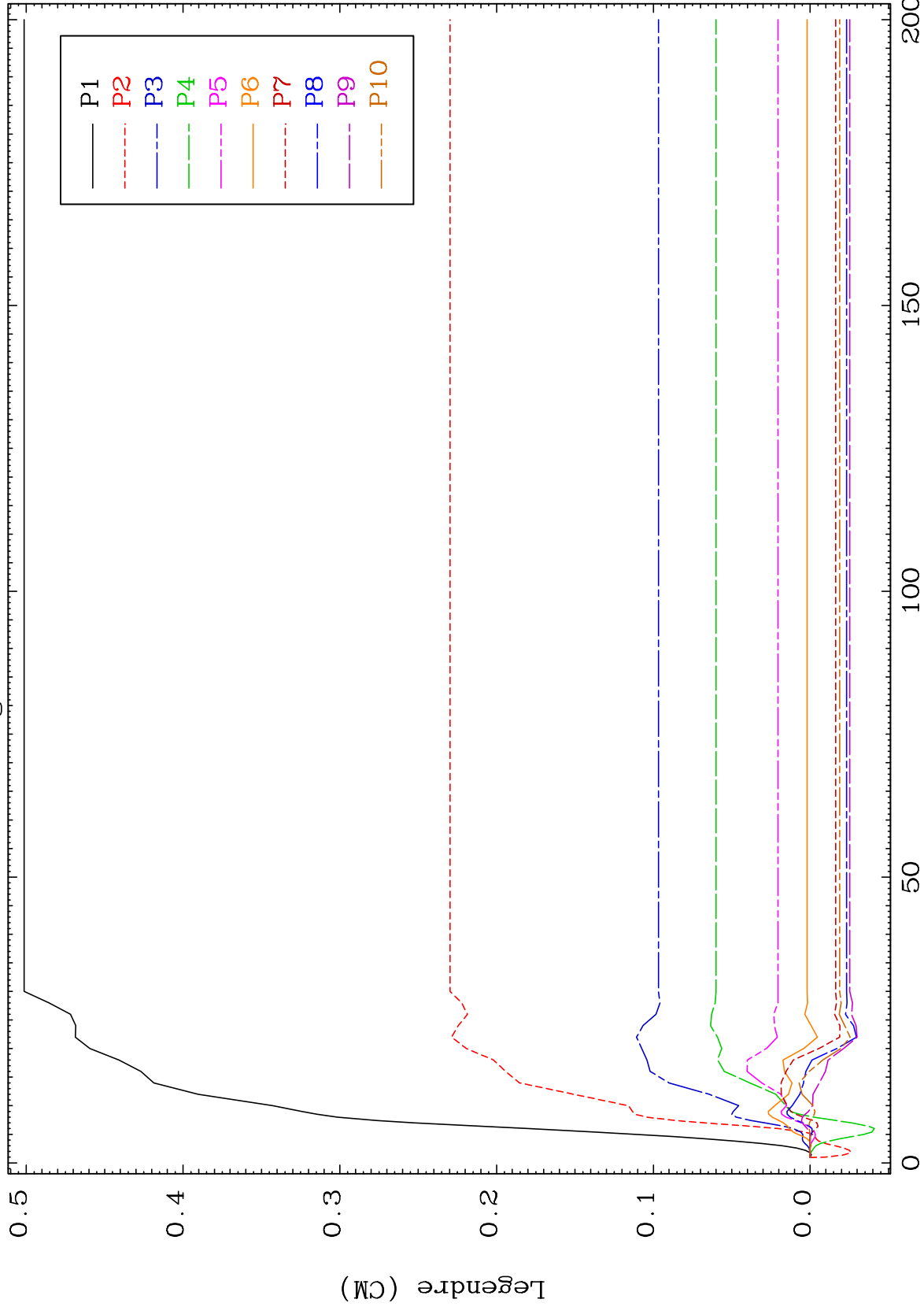
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



81-T1-205

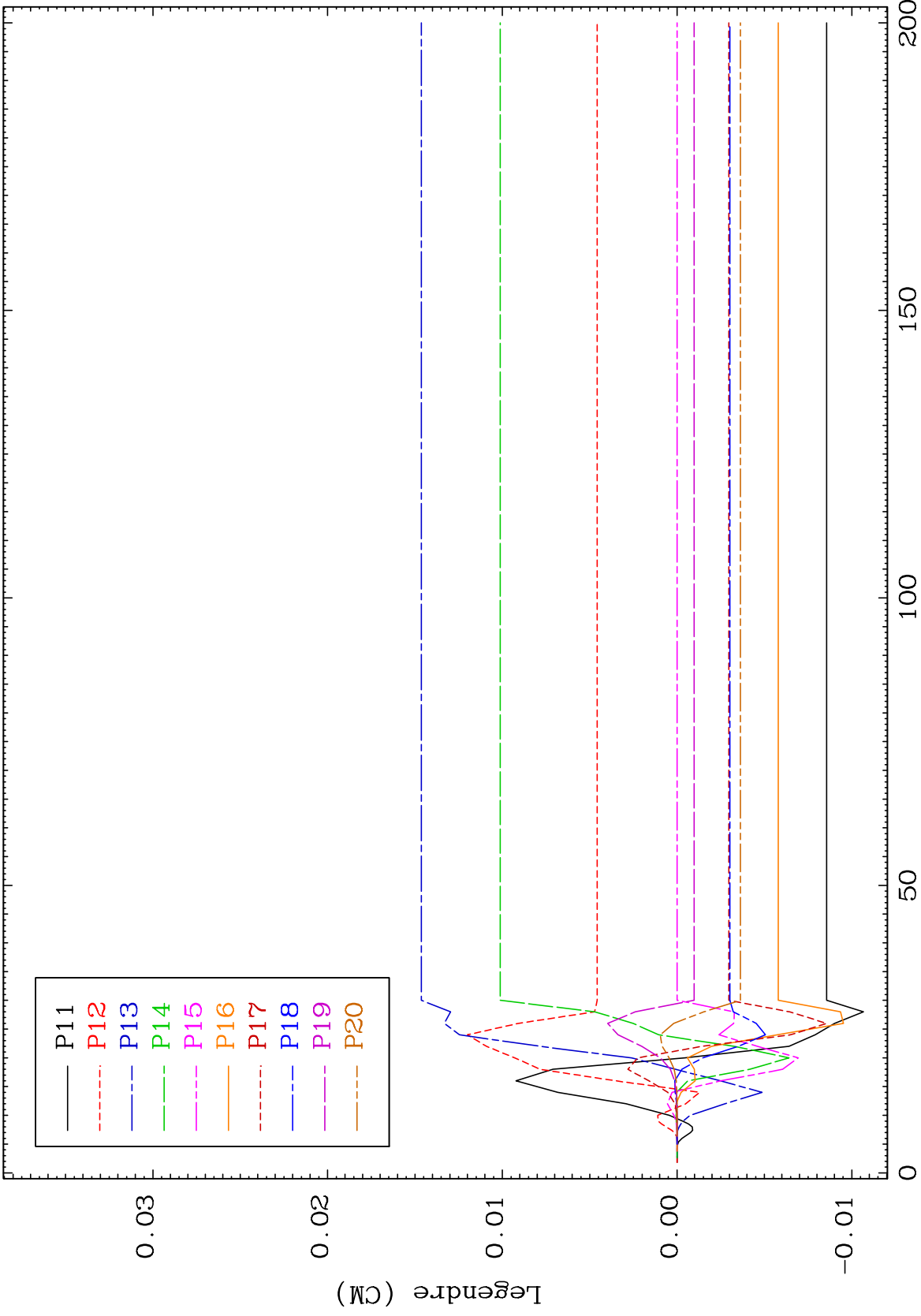
Incident Energy (MeV)

28

MAT 8131

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

81-T1-205



29

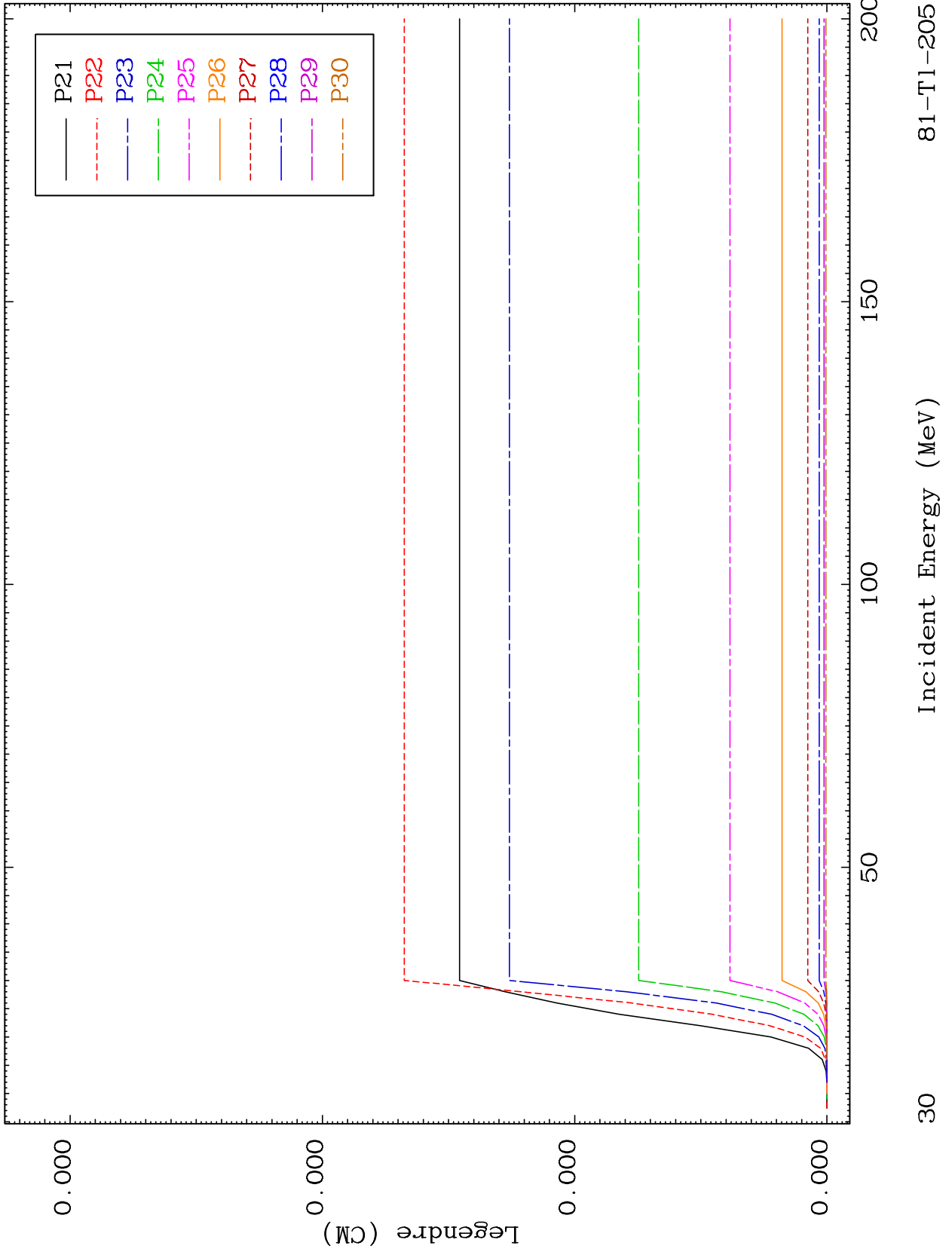
Incident Energy (MeV)

81-T1-205

MAT 8131

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

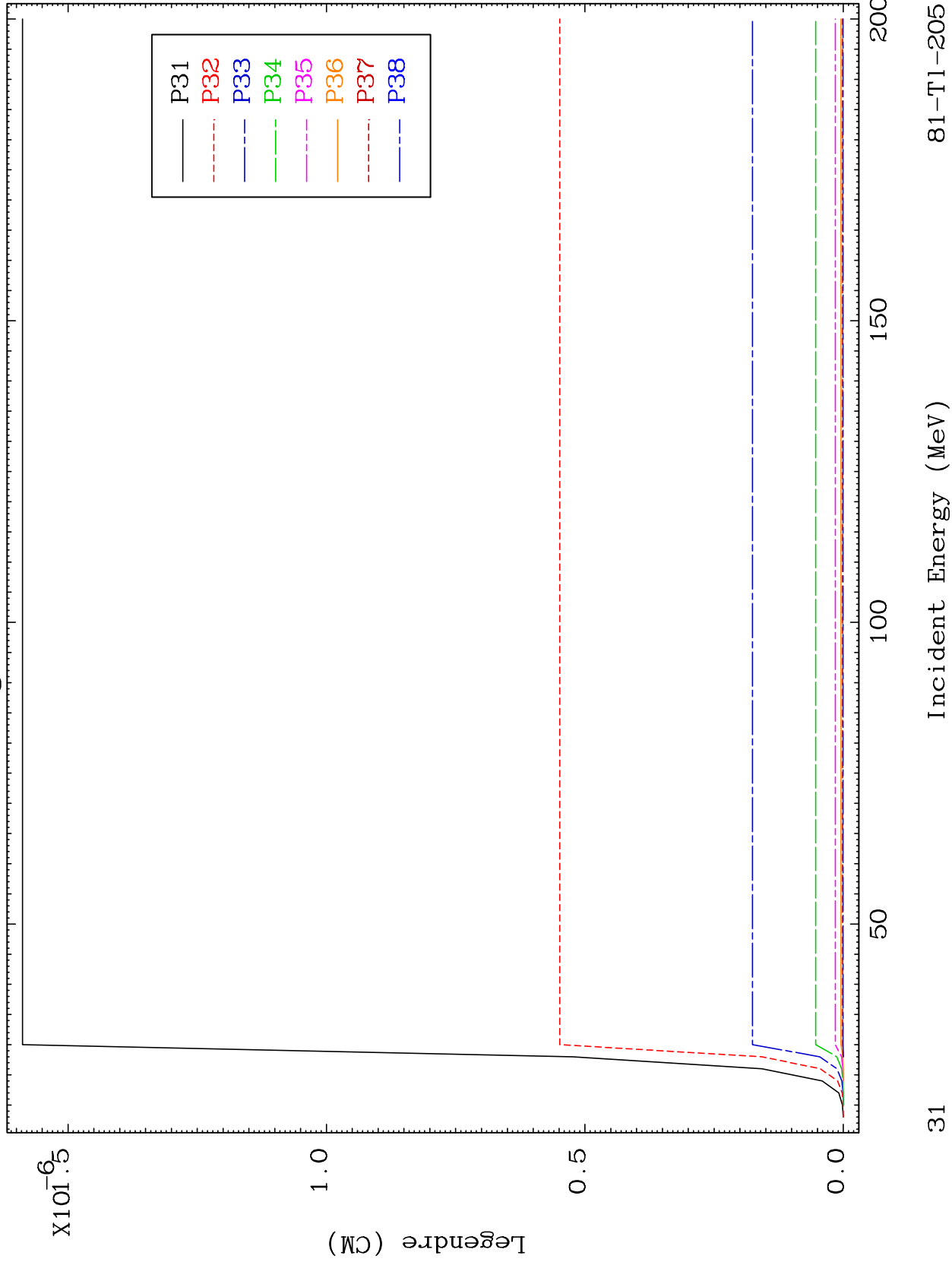
81-T1-205



MAT 8131

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

81-T1-205



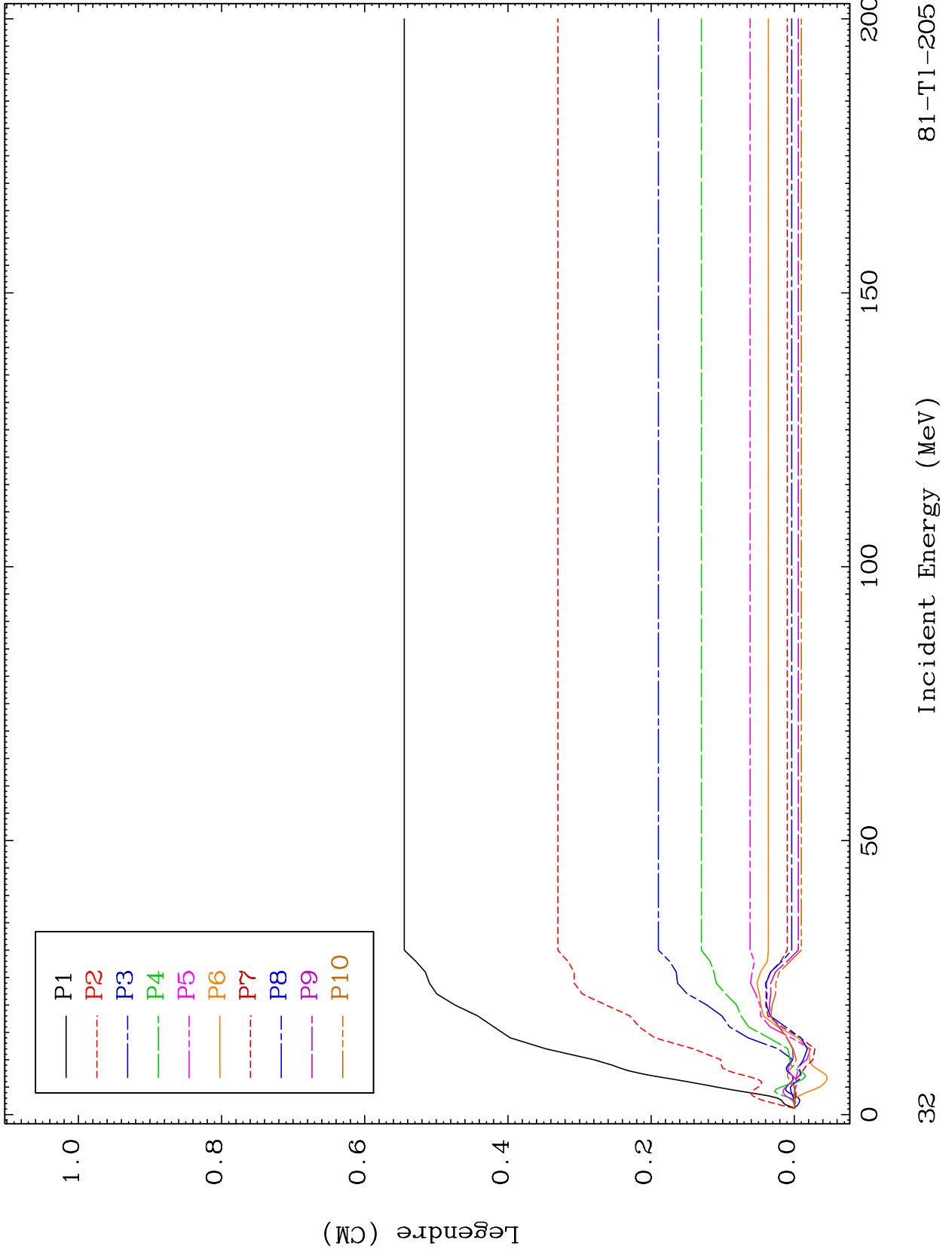
31

81-T1-205

MAT 8131

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

81-T1-205



32

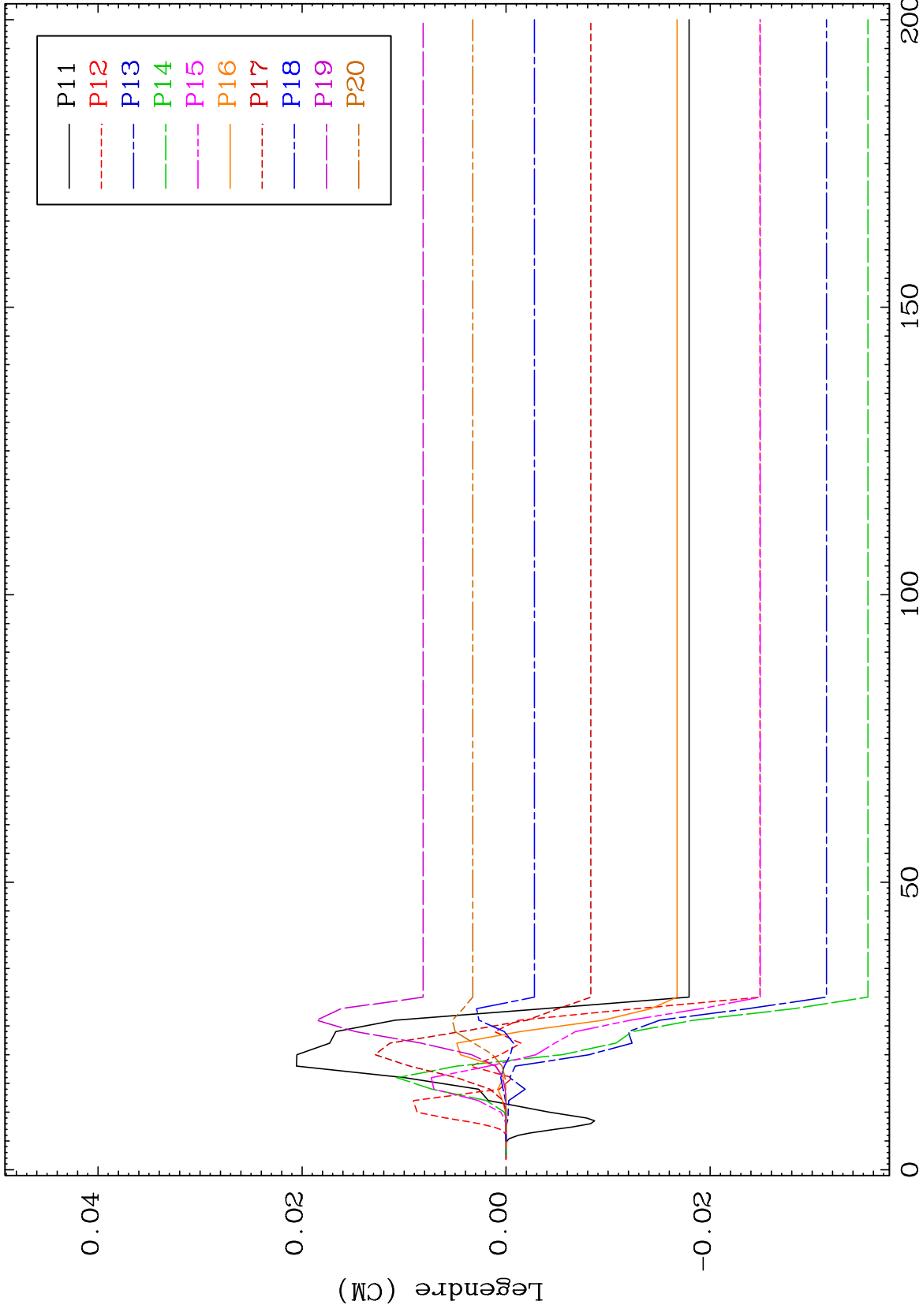
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



33

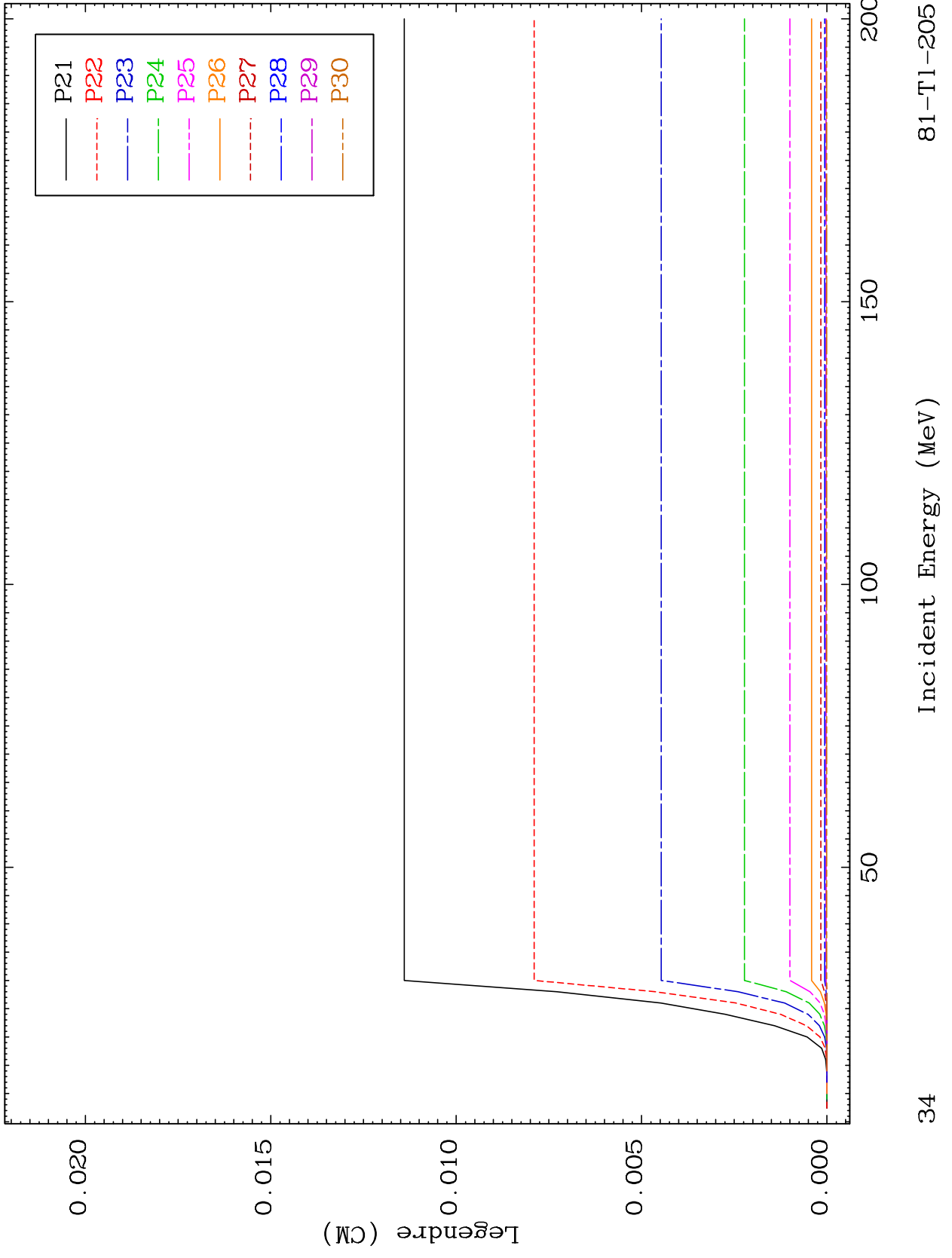
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



34

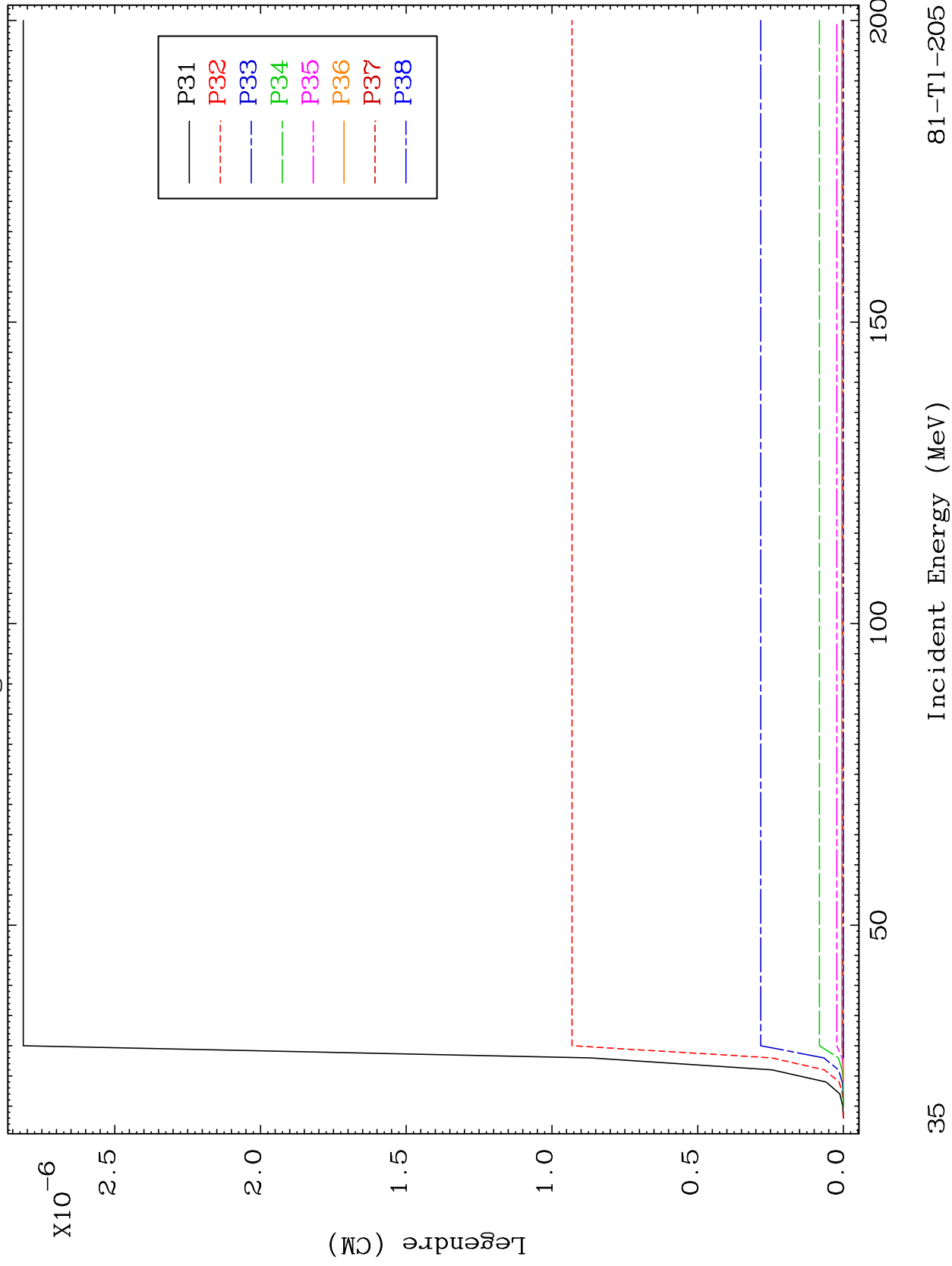
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



81-T1-205

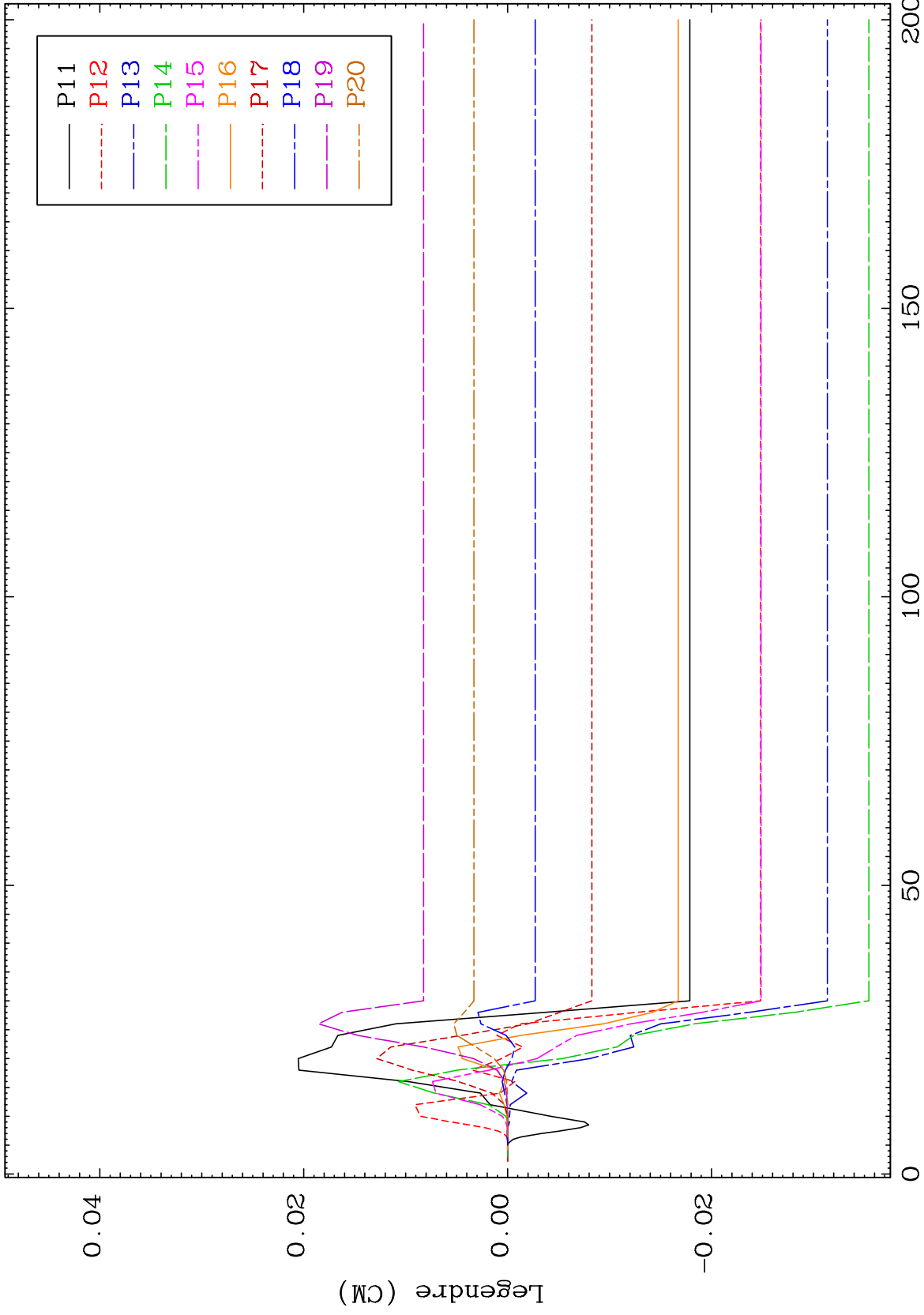
Incident Energy (MeV)

35

MAT 8131

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

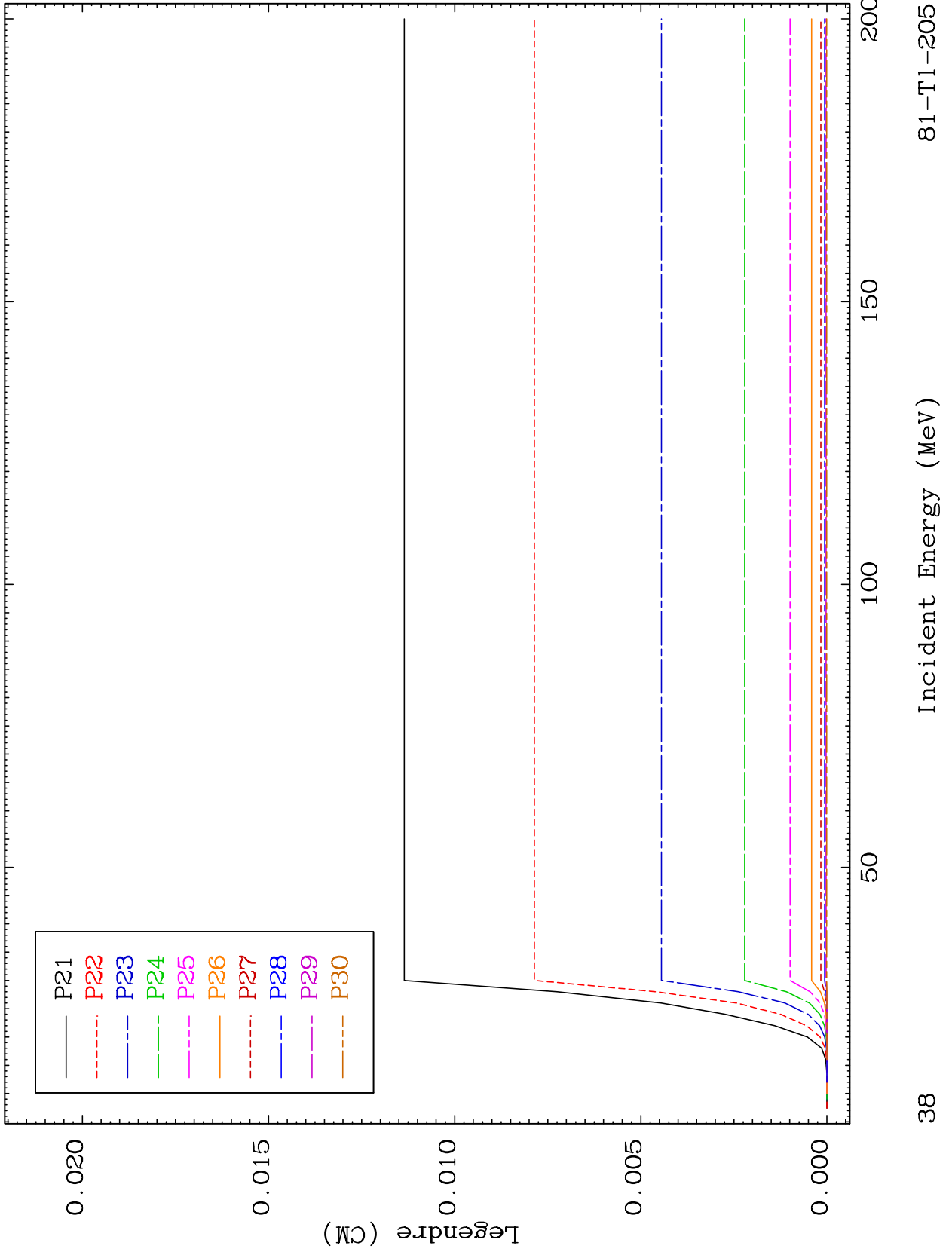
81-T1-205



37

Incident Energy (MeV)

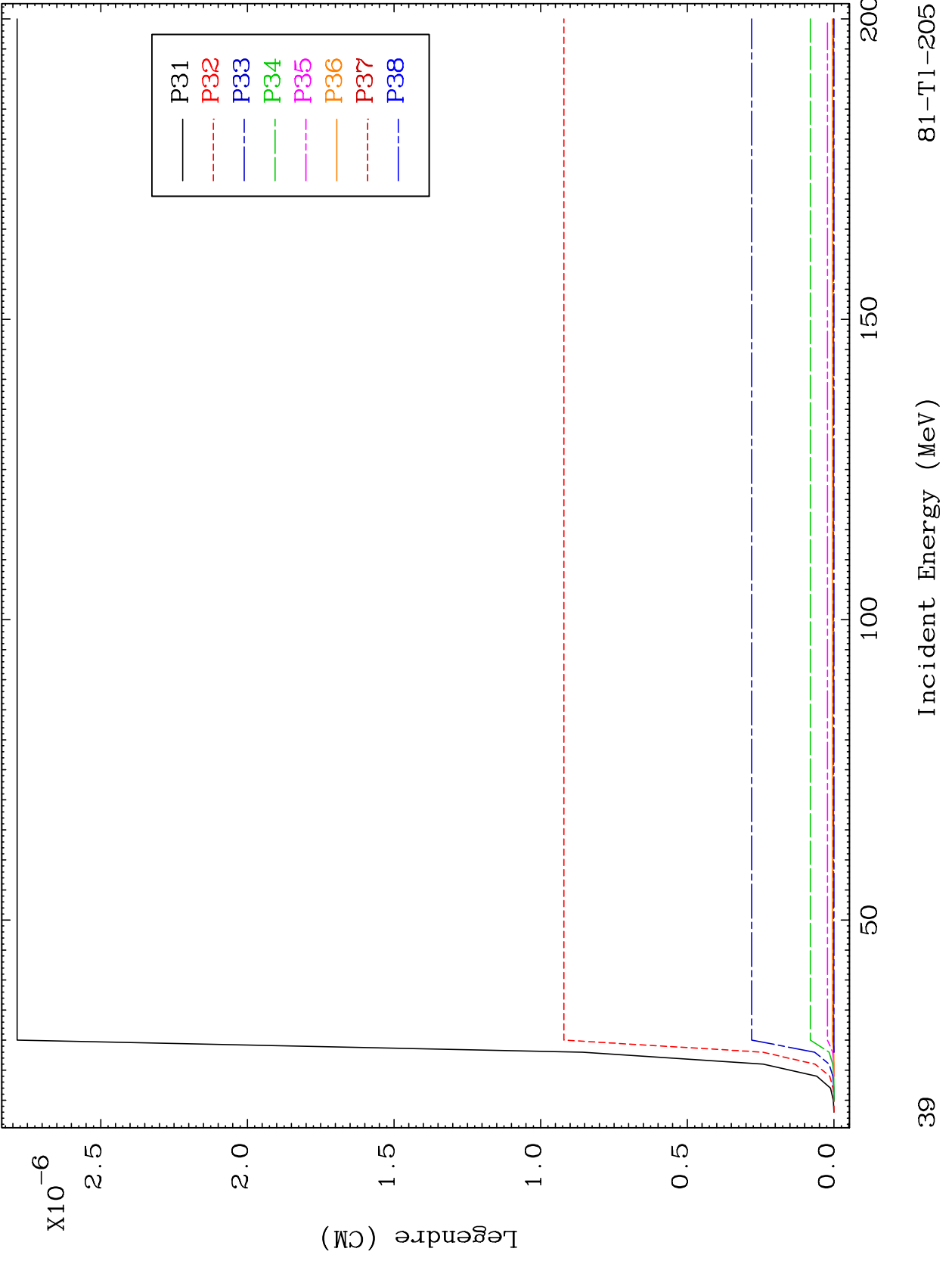
81-T1-205



MAT 8131

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

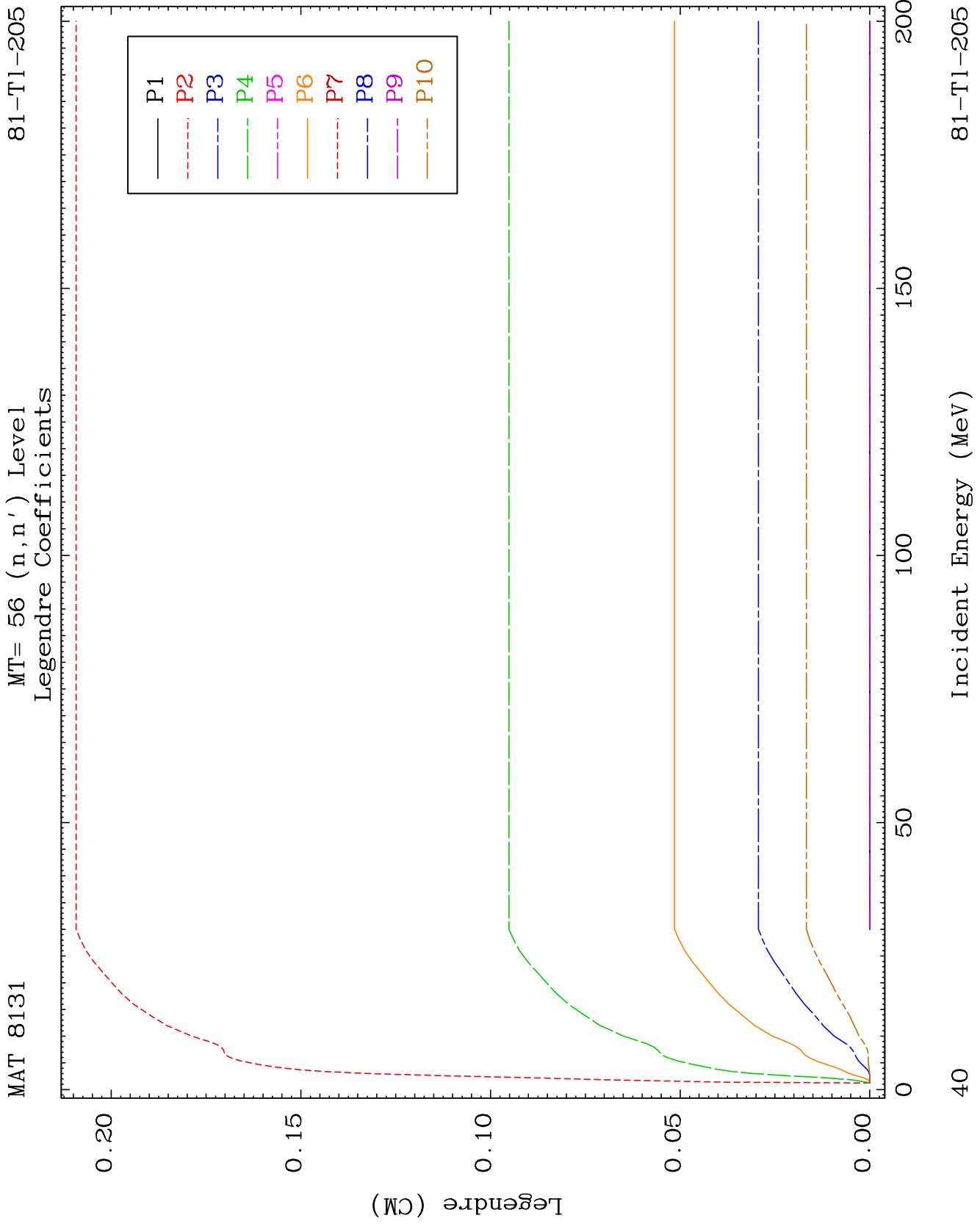
81-T1-205



39

Incident Energy (MeV)

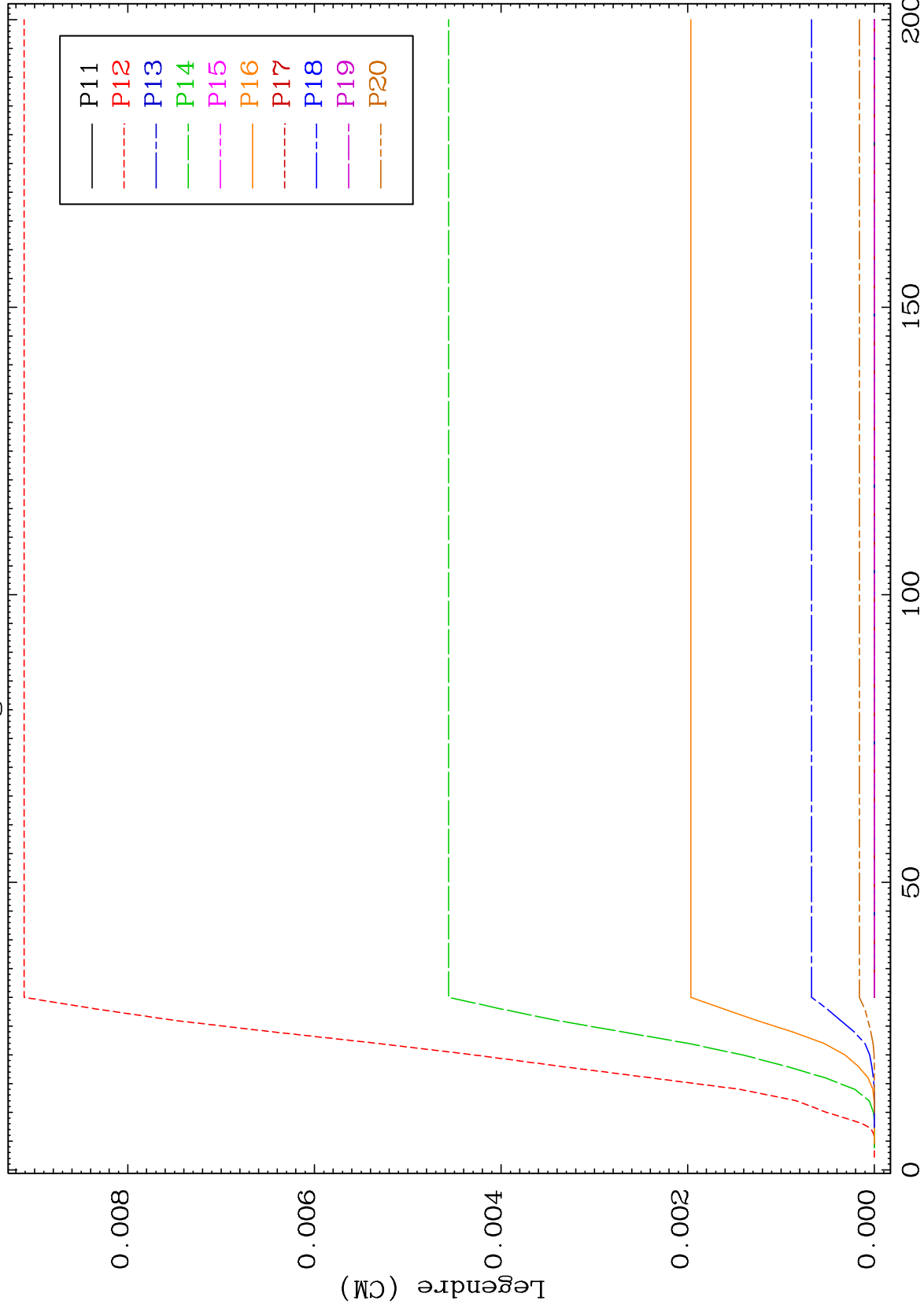
81-T1-205



MAT 8131

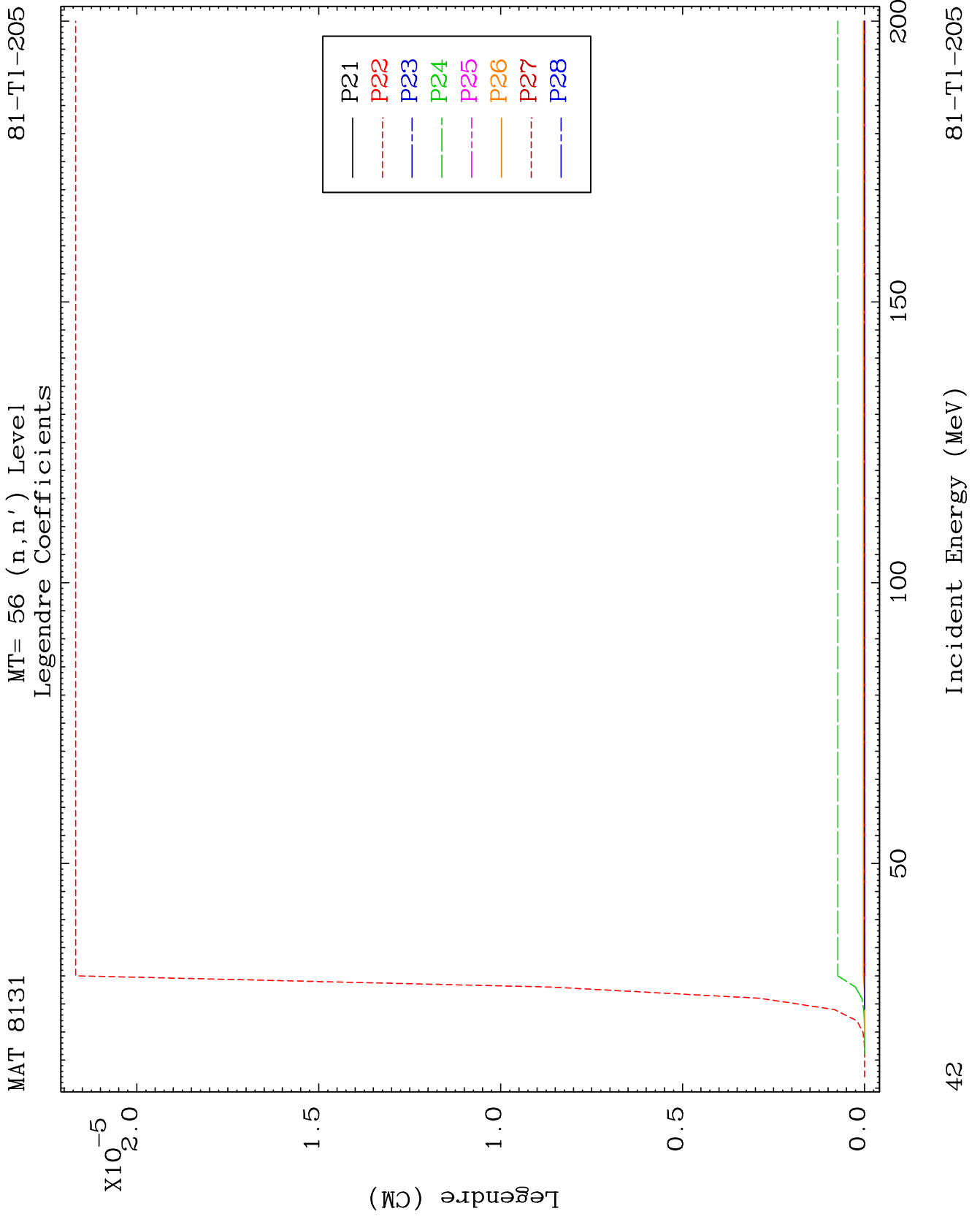
MT= 56 (n,n') Level
Legendre Coefficients

81-T1-205



41

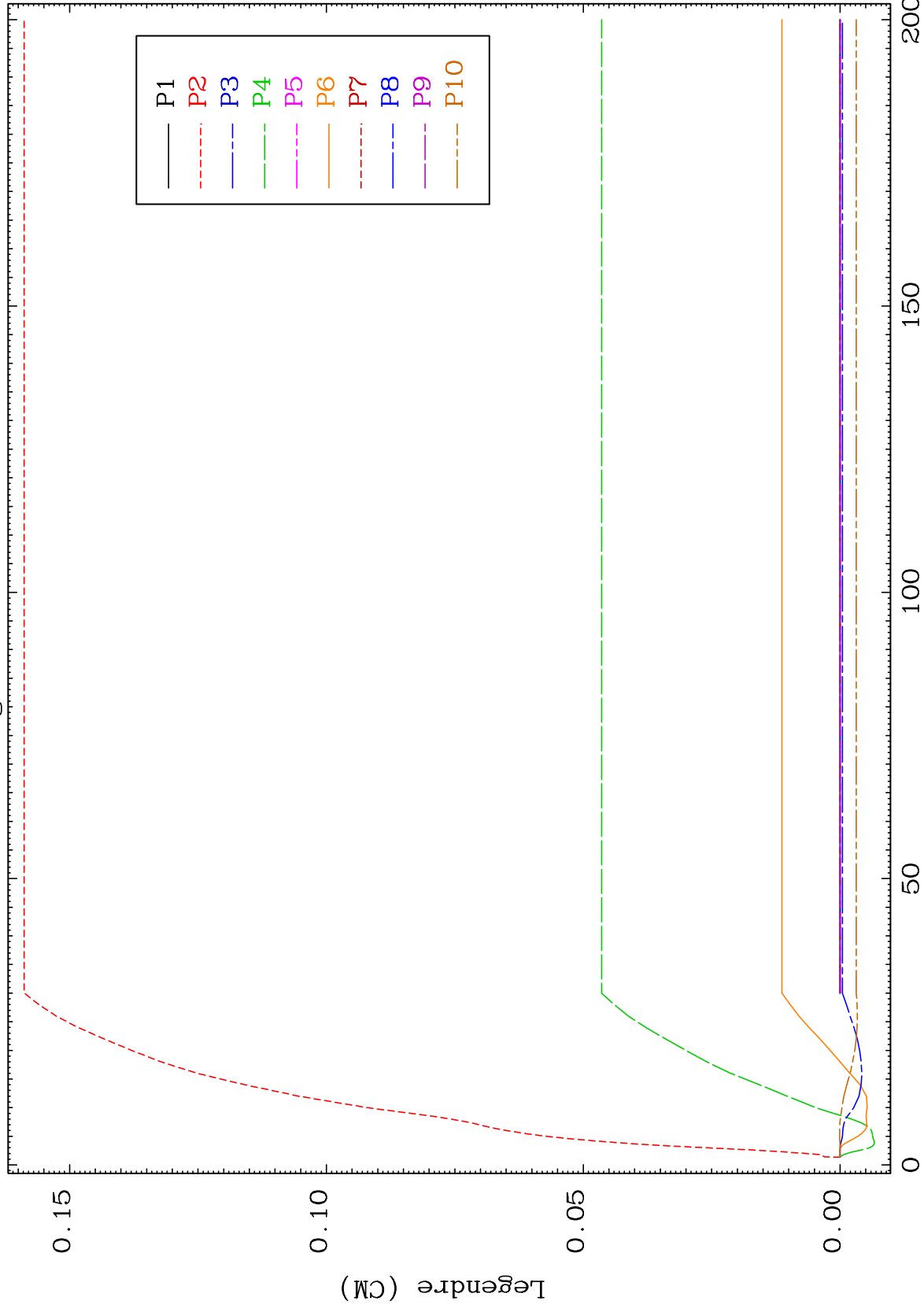
81-T1-205



MAT 8131

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

81-T1-205



43

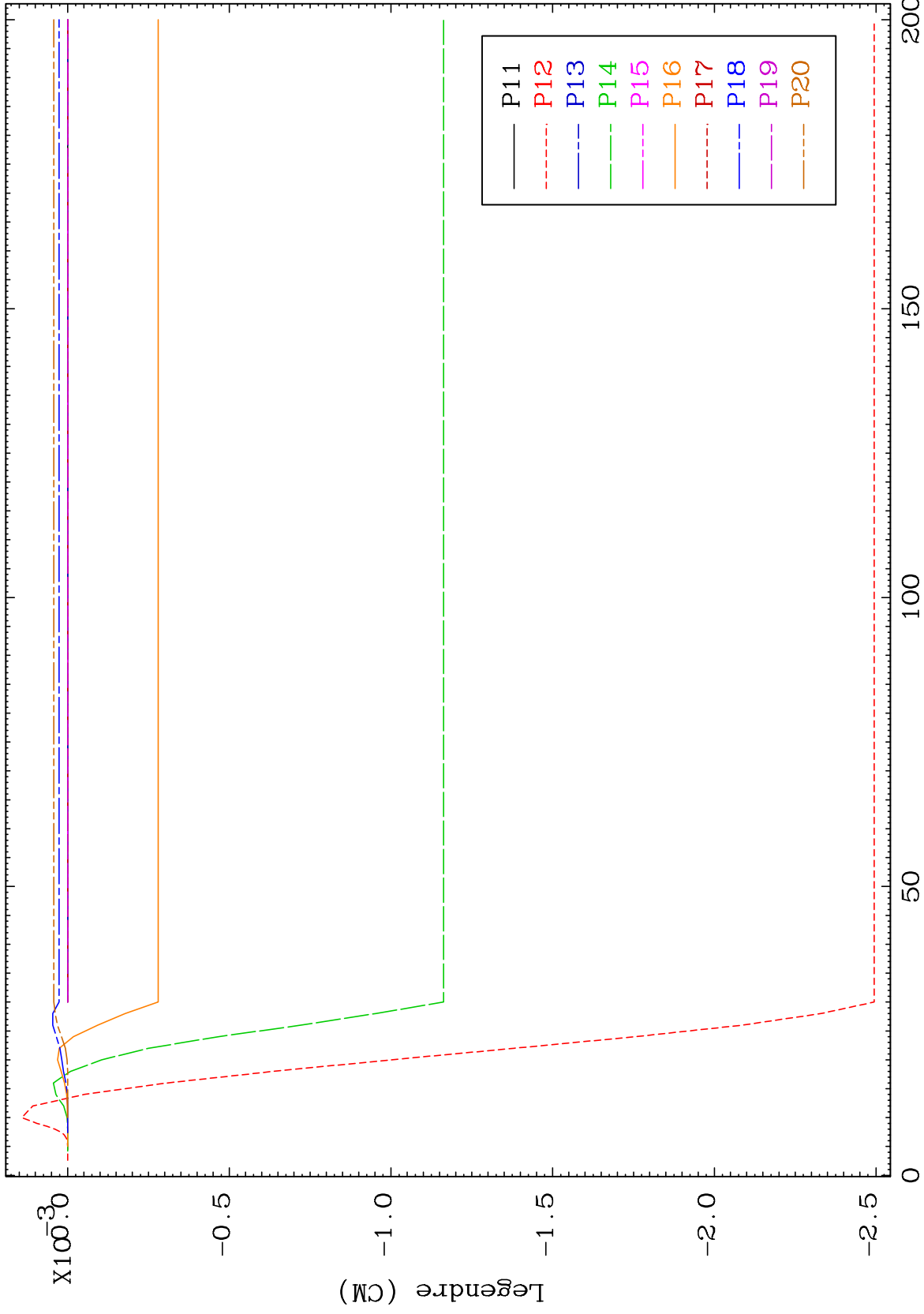
Incident Energy (MeV)

81-T1-205

MAT 8131

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

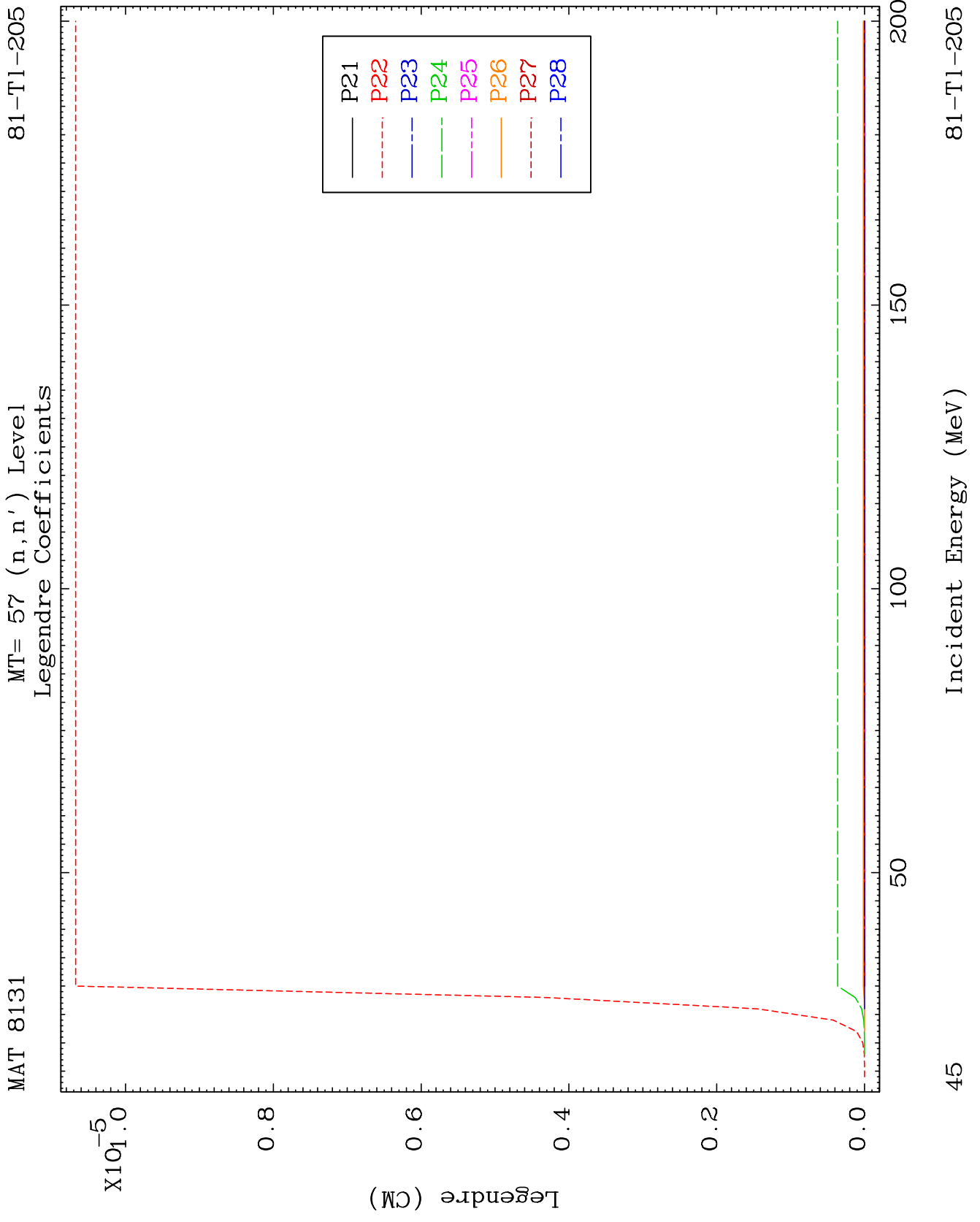
81-T1-205



44

Incident Energy (MeV)

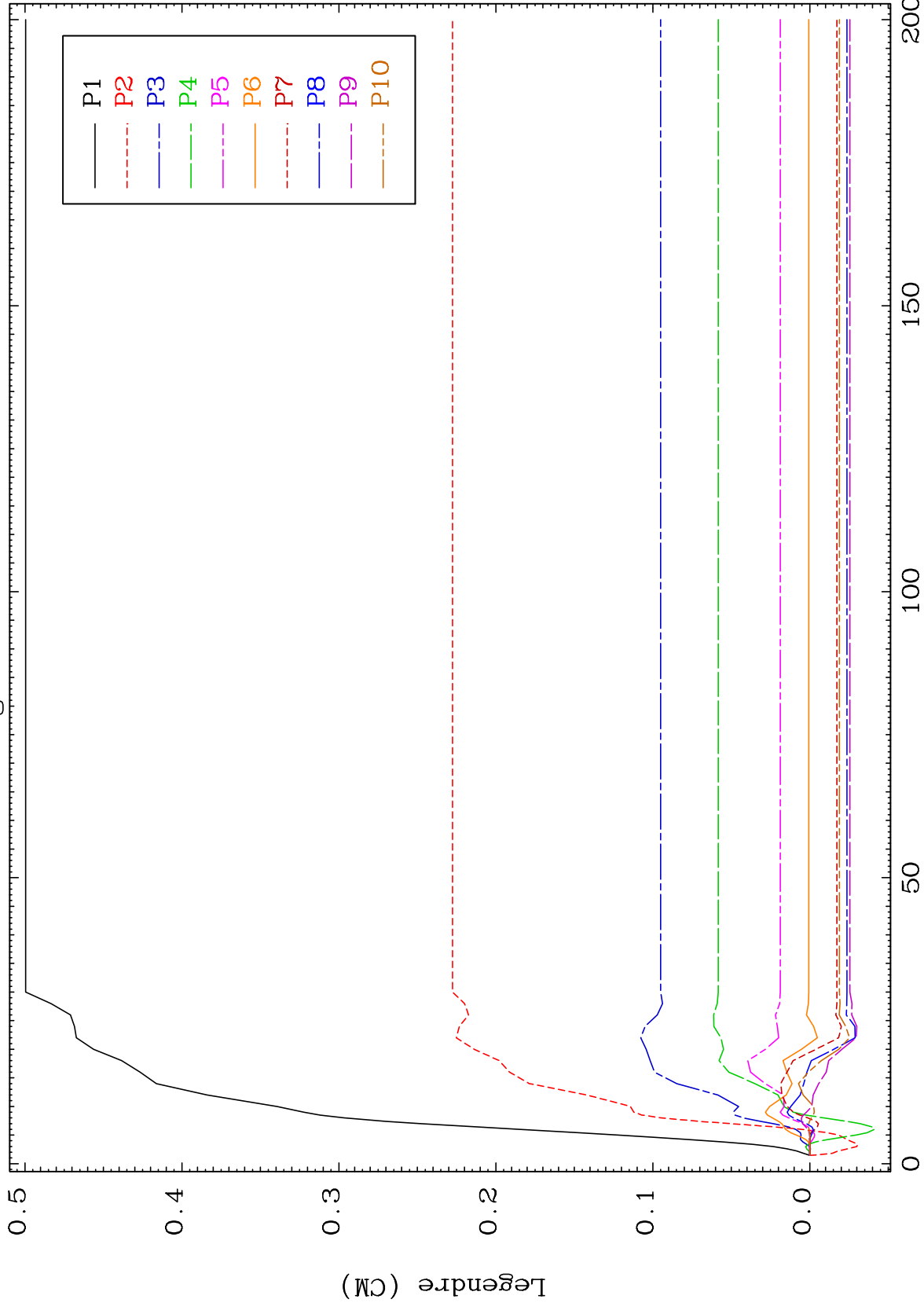
81-T1-205



MAT 8131

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

81-T1-205



46

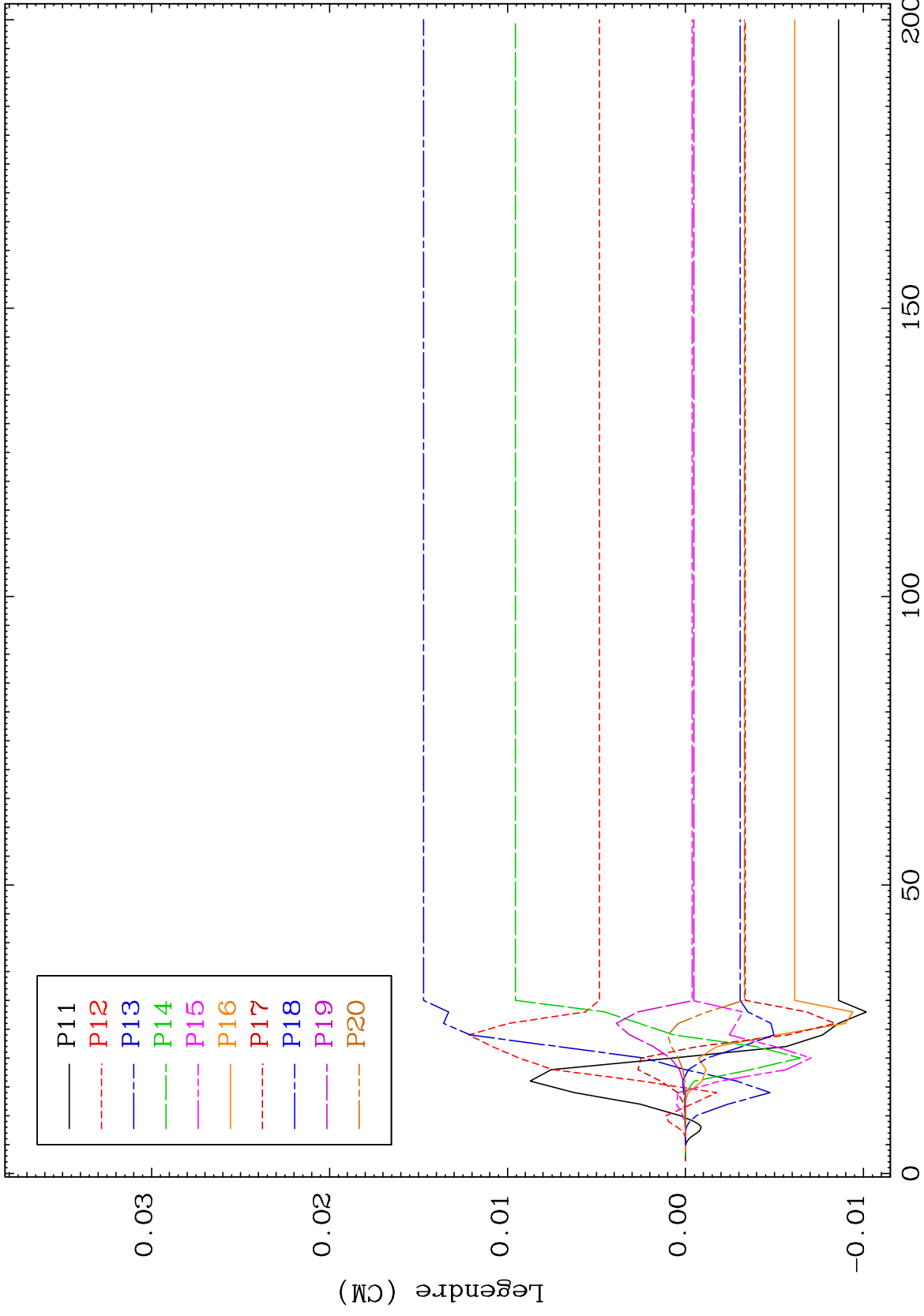
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



47

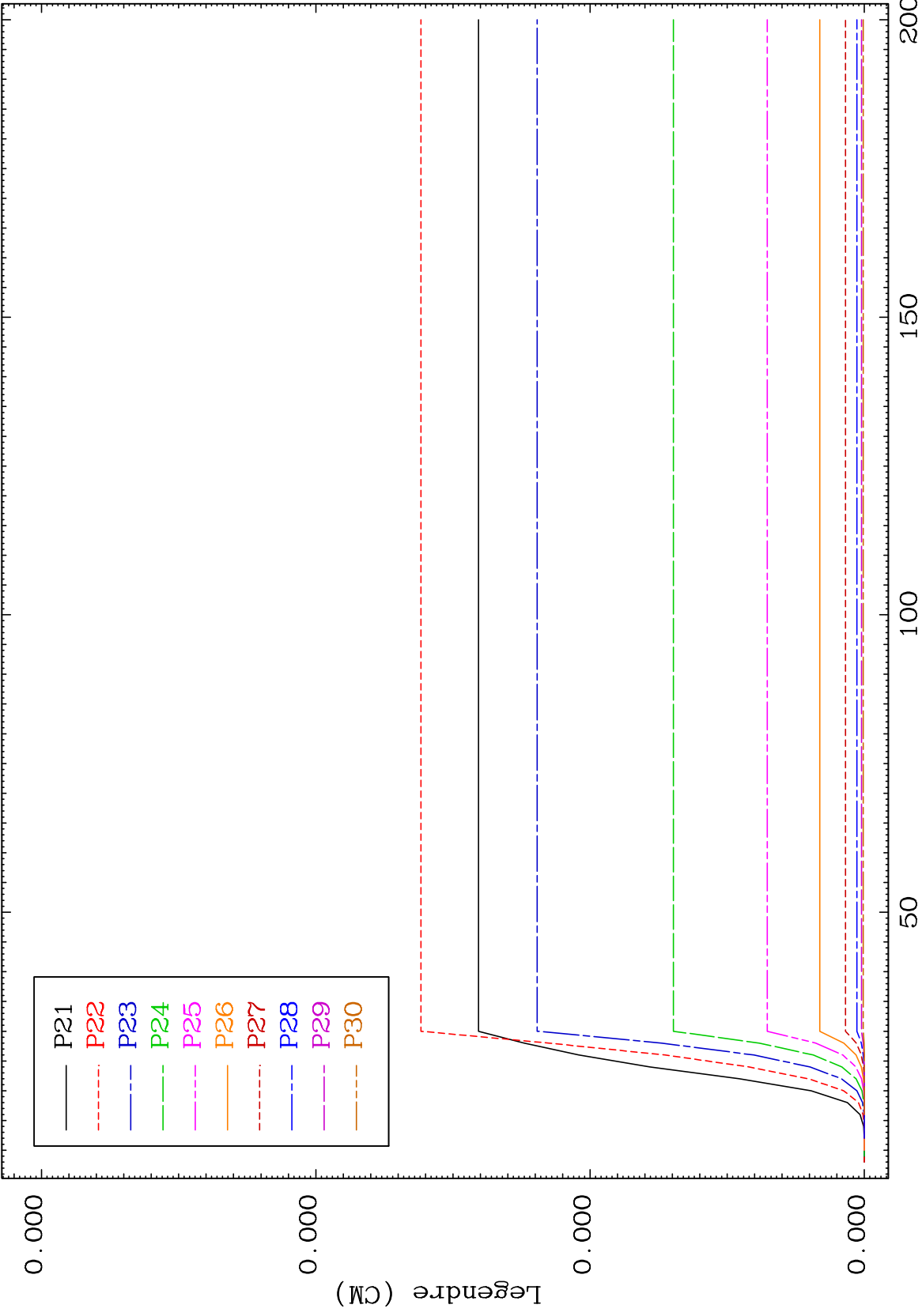
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



48

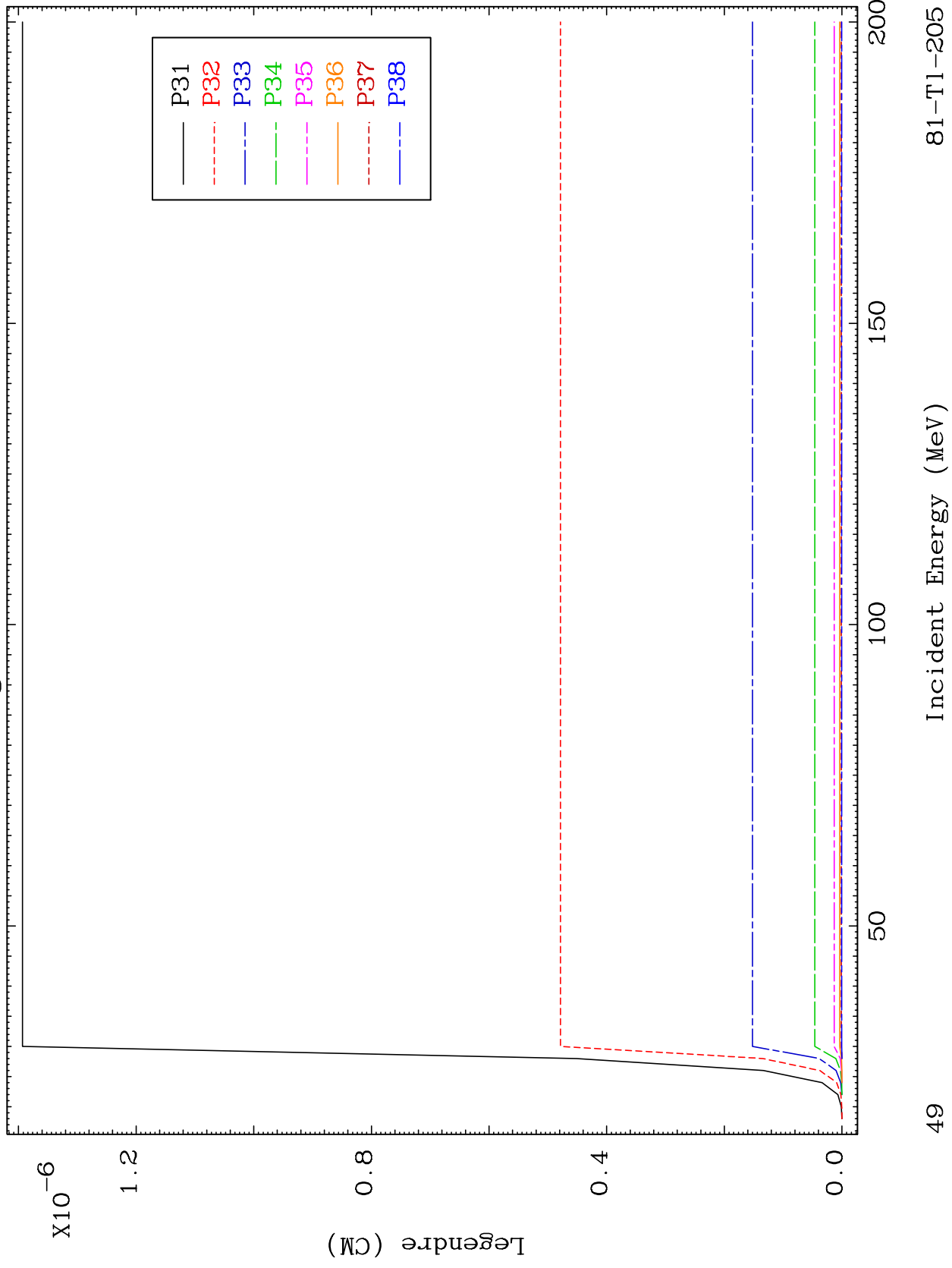
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



49

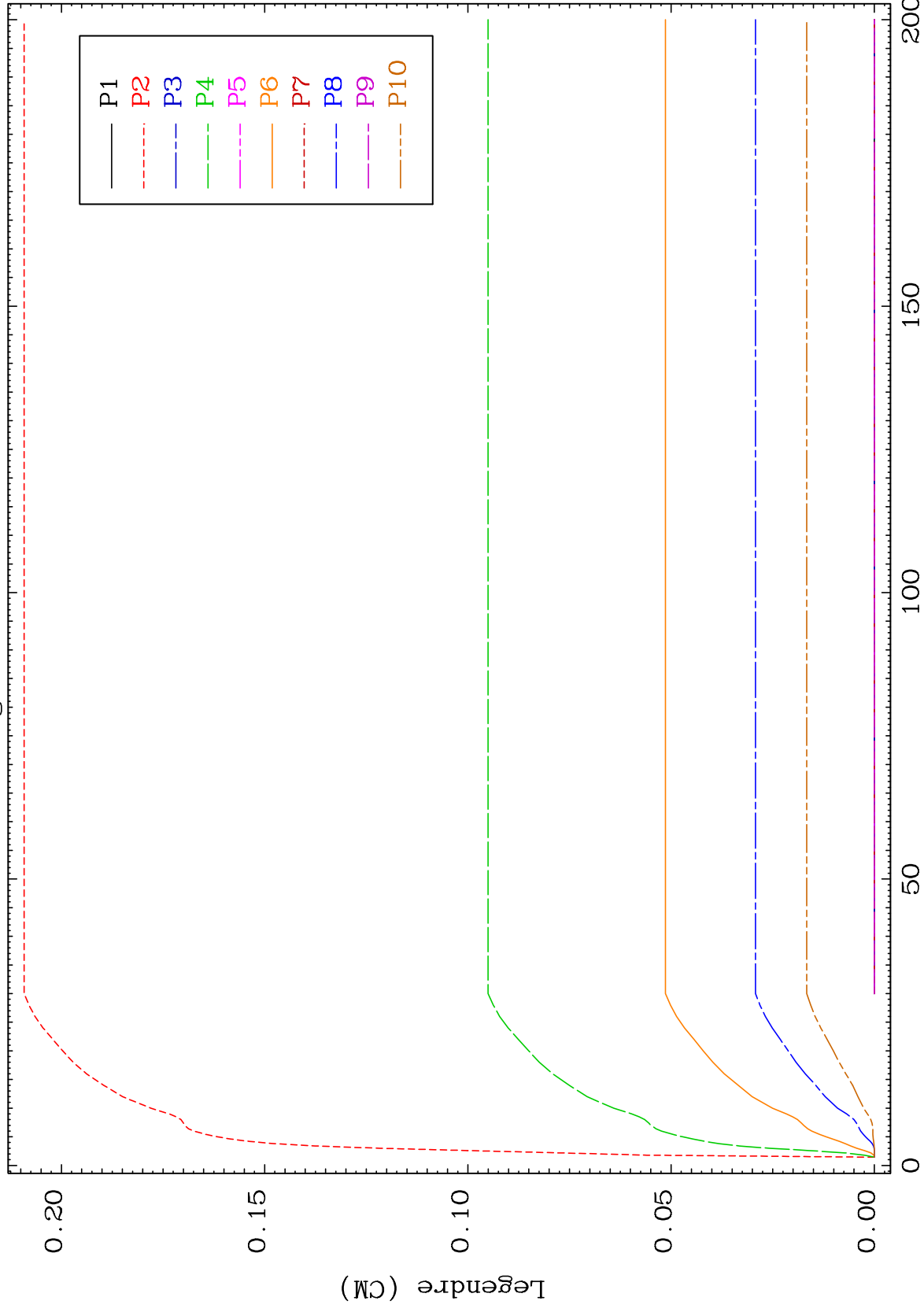
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



81-T1-205

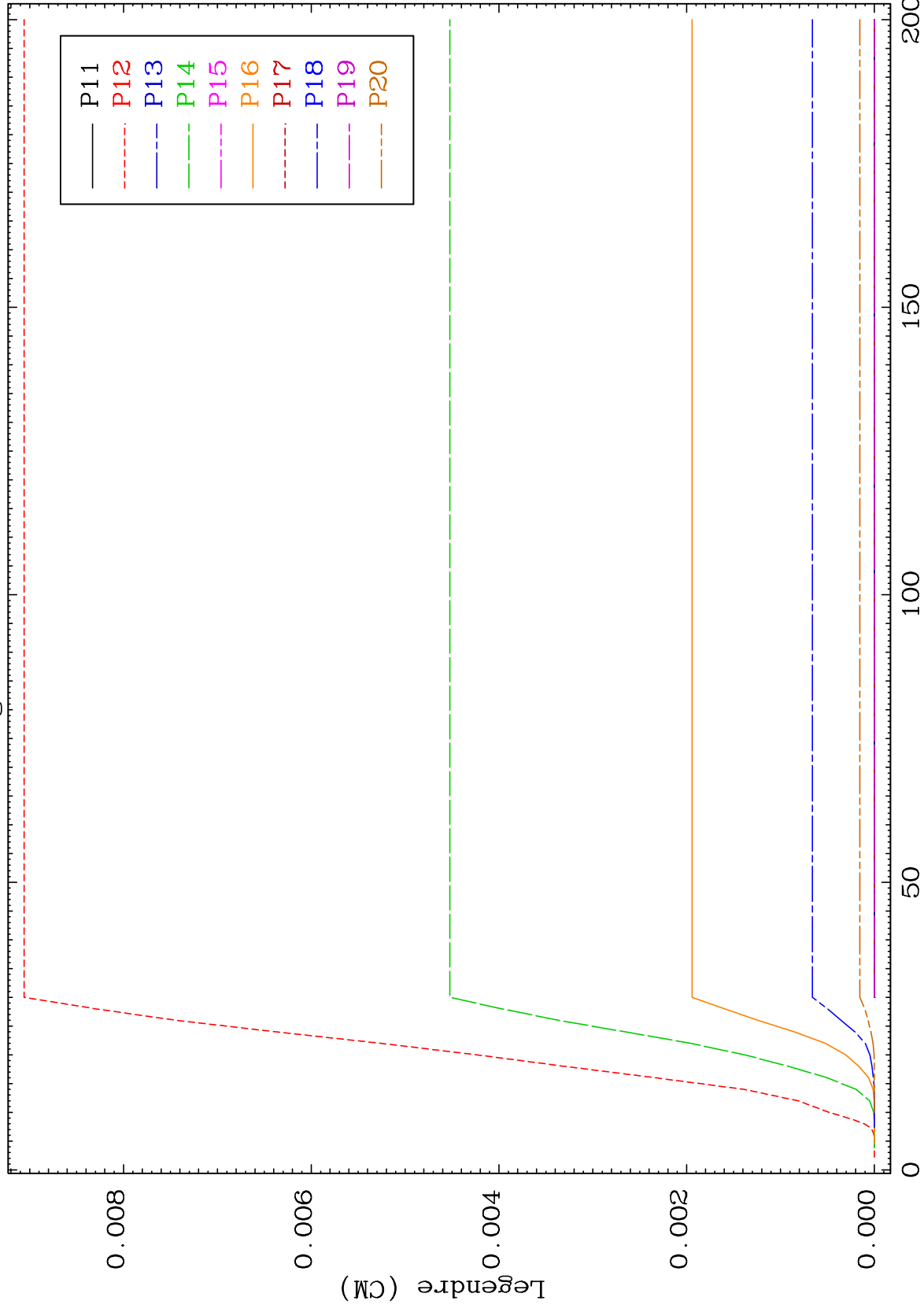
Incident Energy (MeV)

50

MAT 8131

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

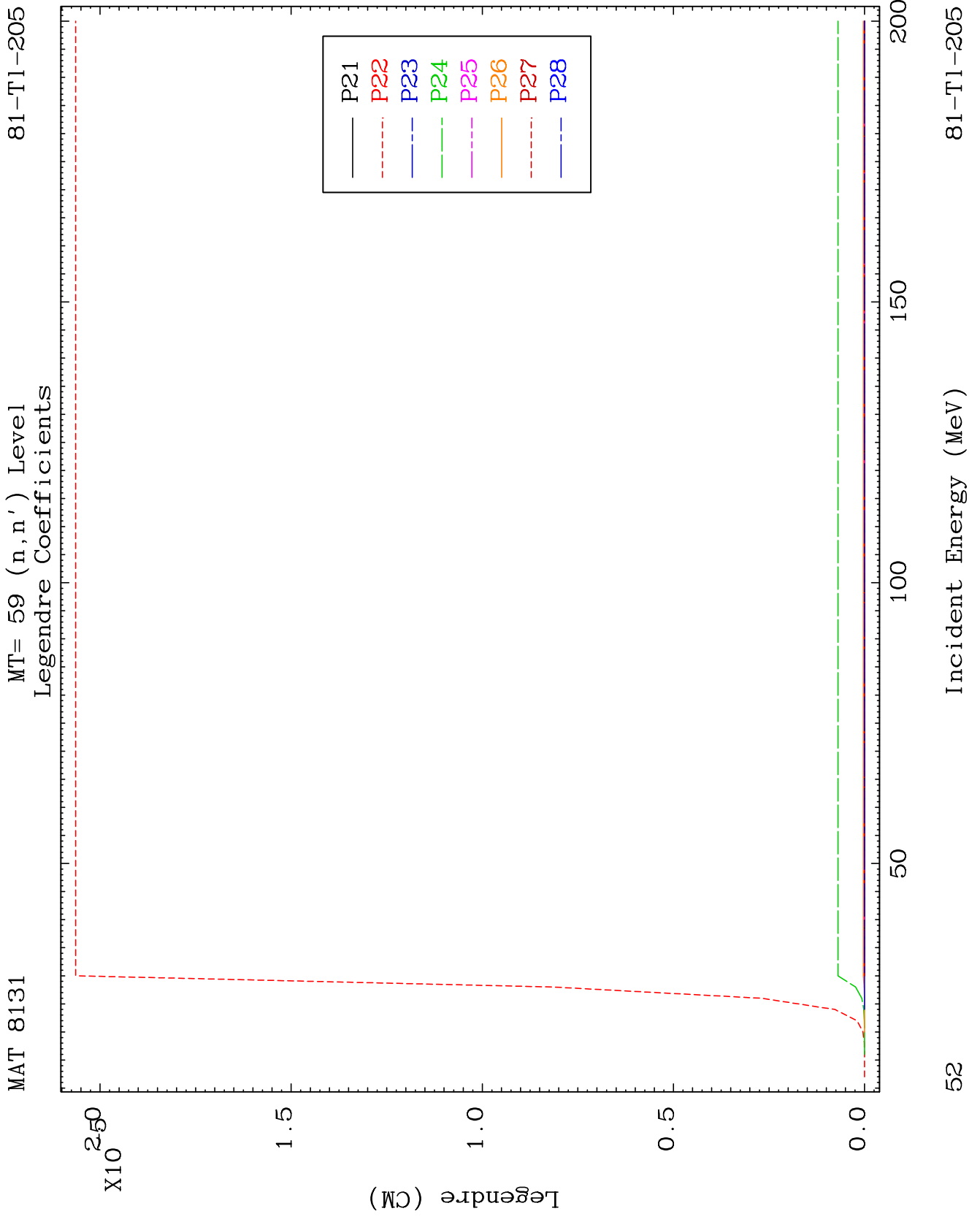
81-T1-205



51

Incident Energy (MeV)

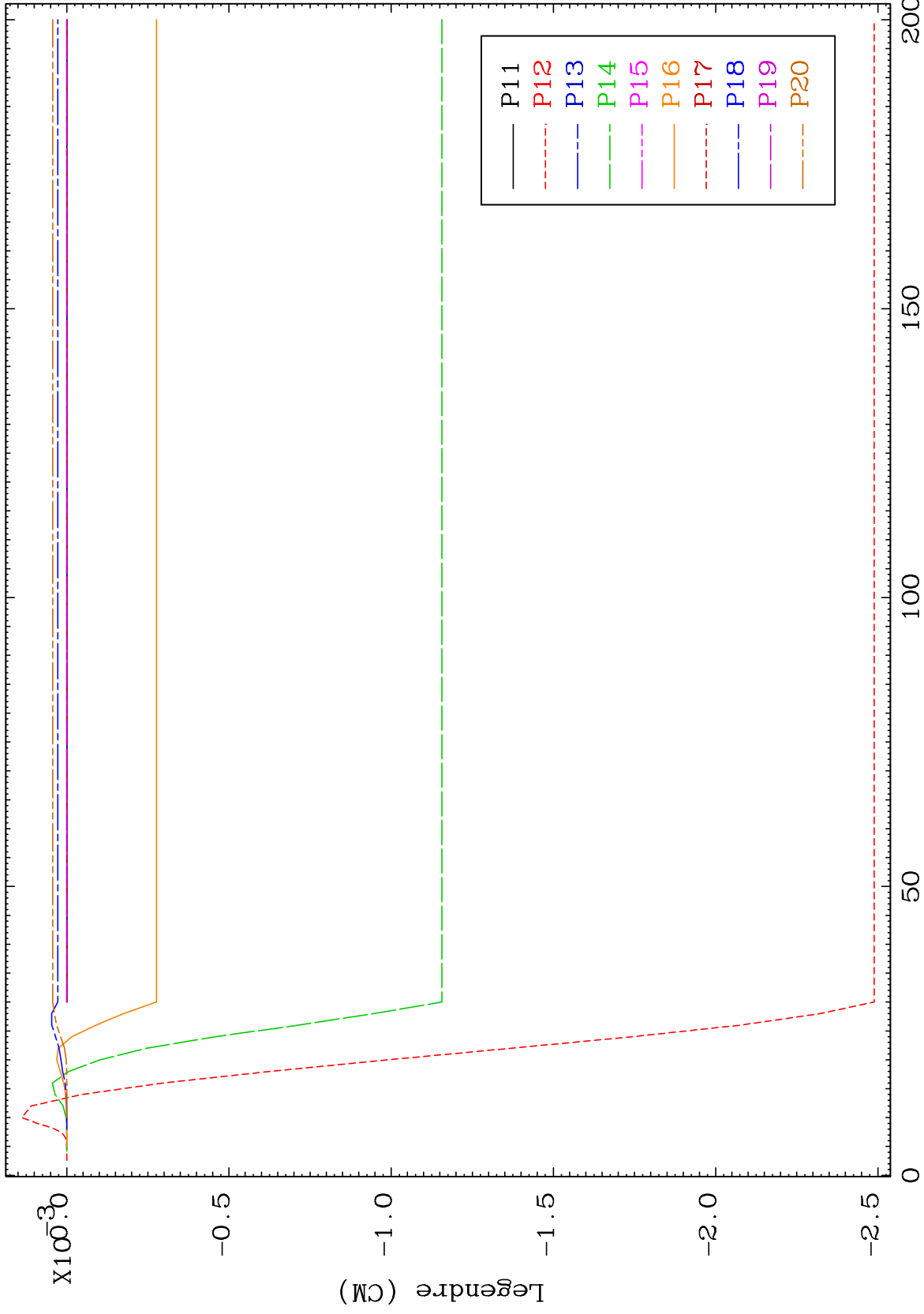
81-T1-205



MAT 8131

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

81-T1-205



54

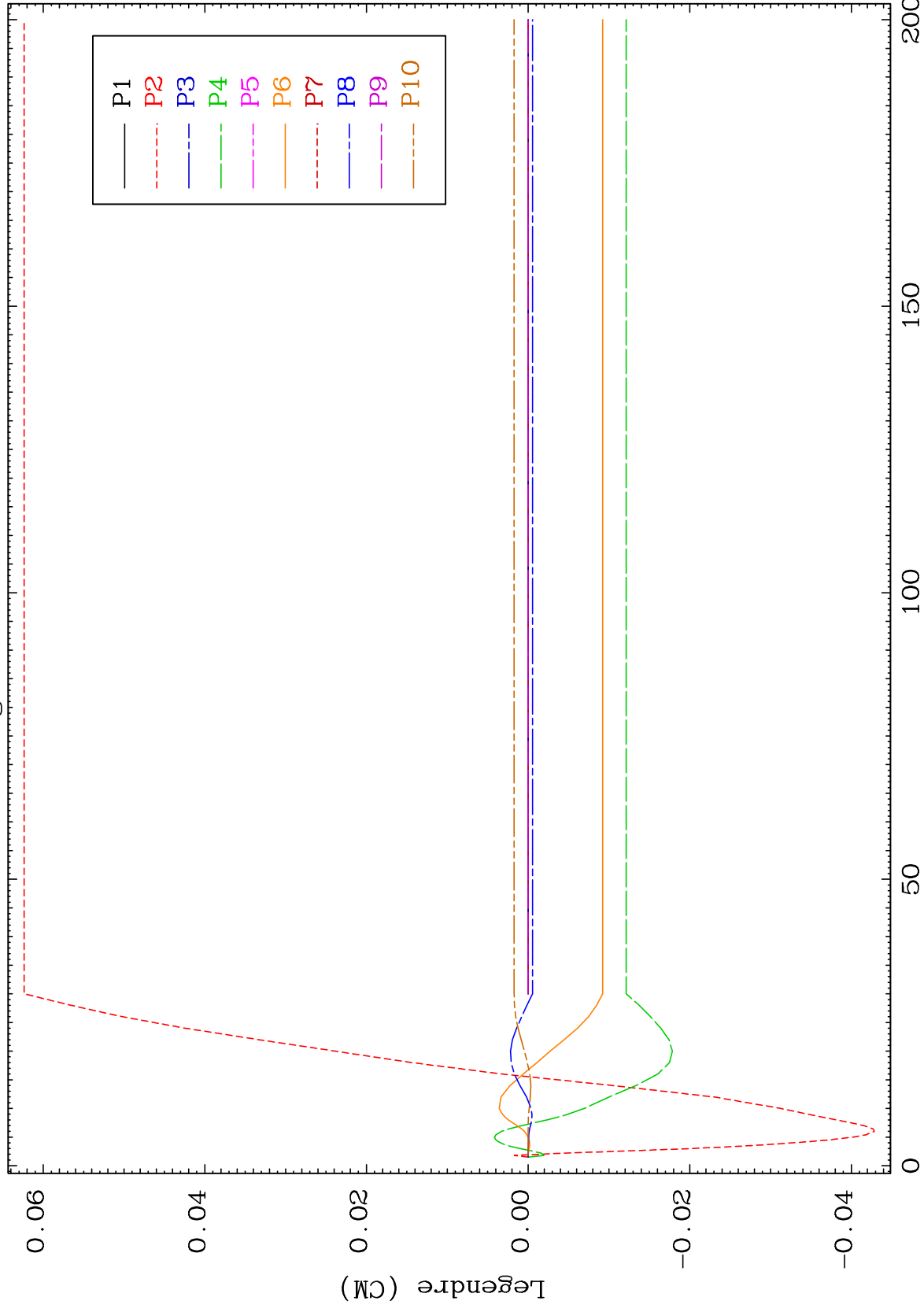
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



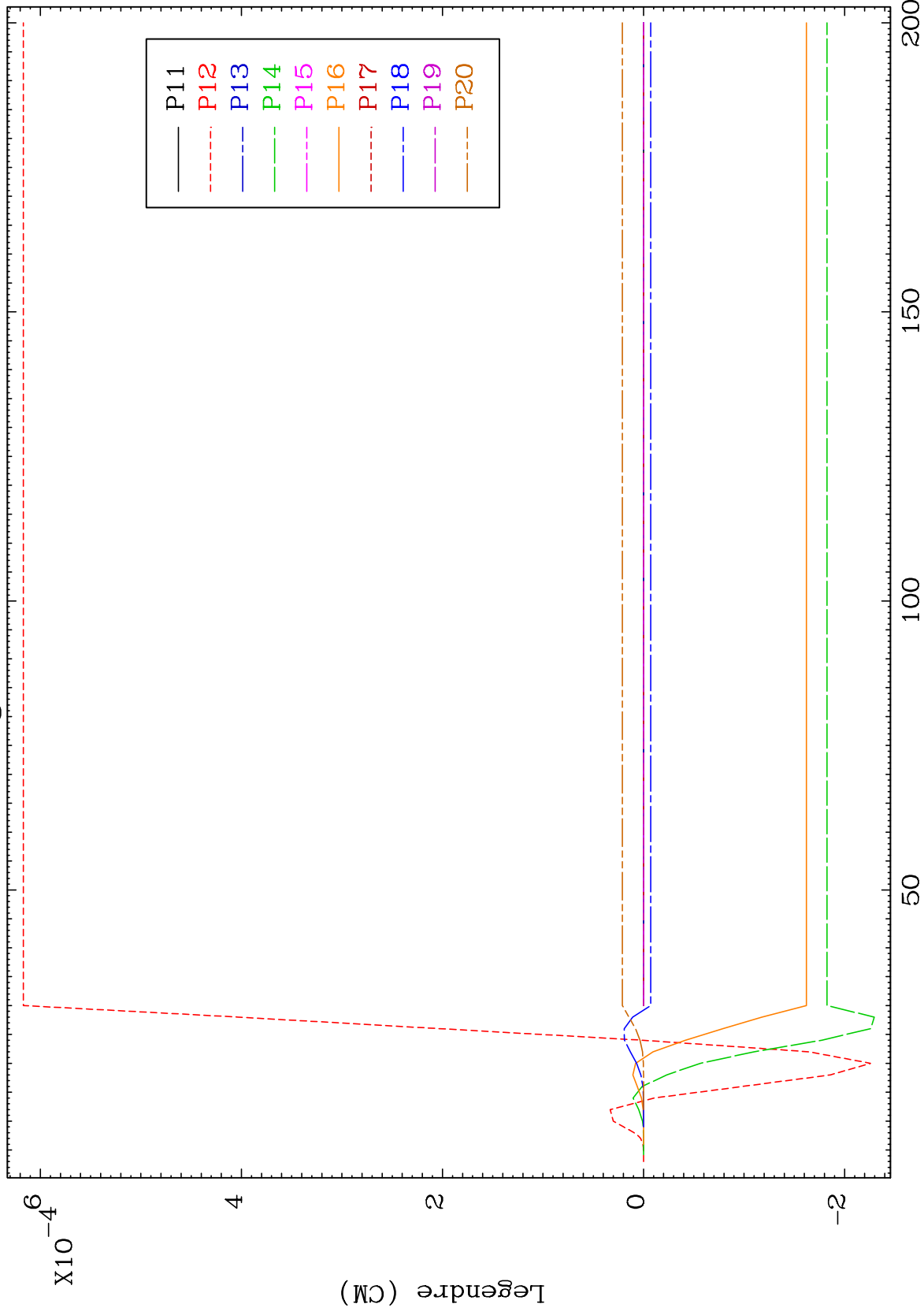
56

81-T1-205

MAT 8131

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

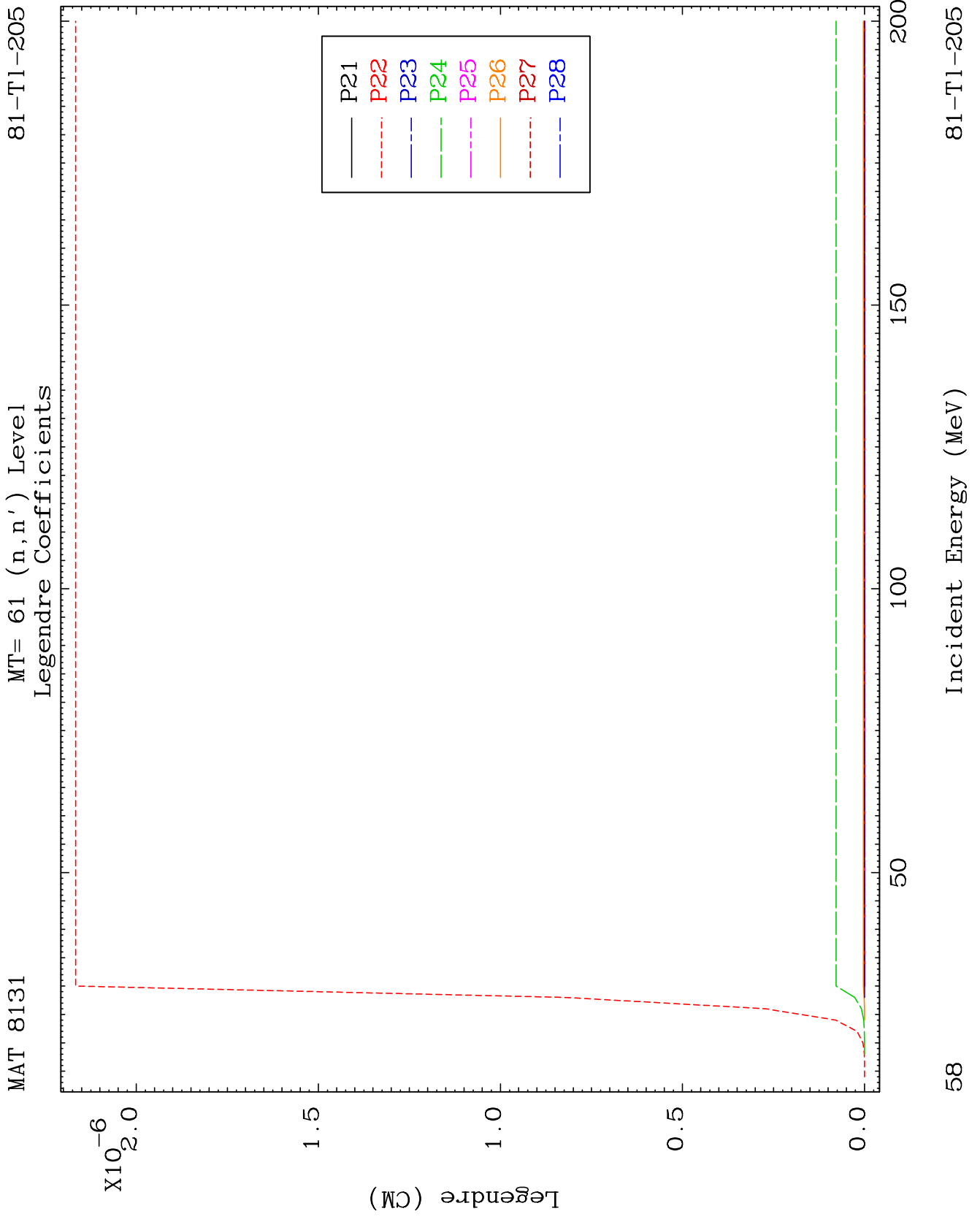
81-T1-205



57

Incident Energy (MeV)

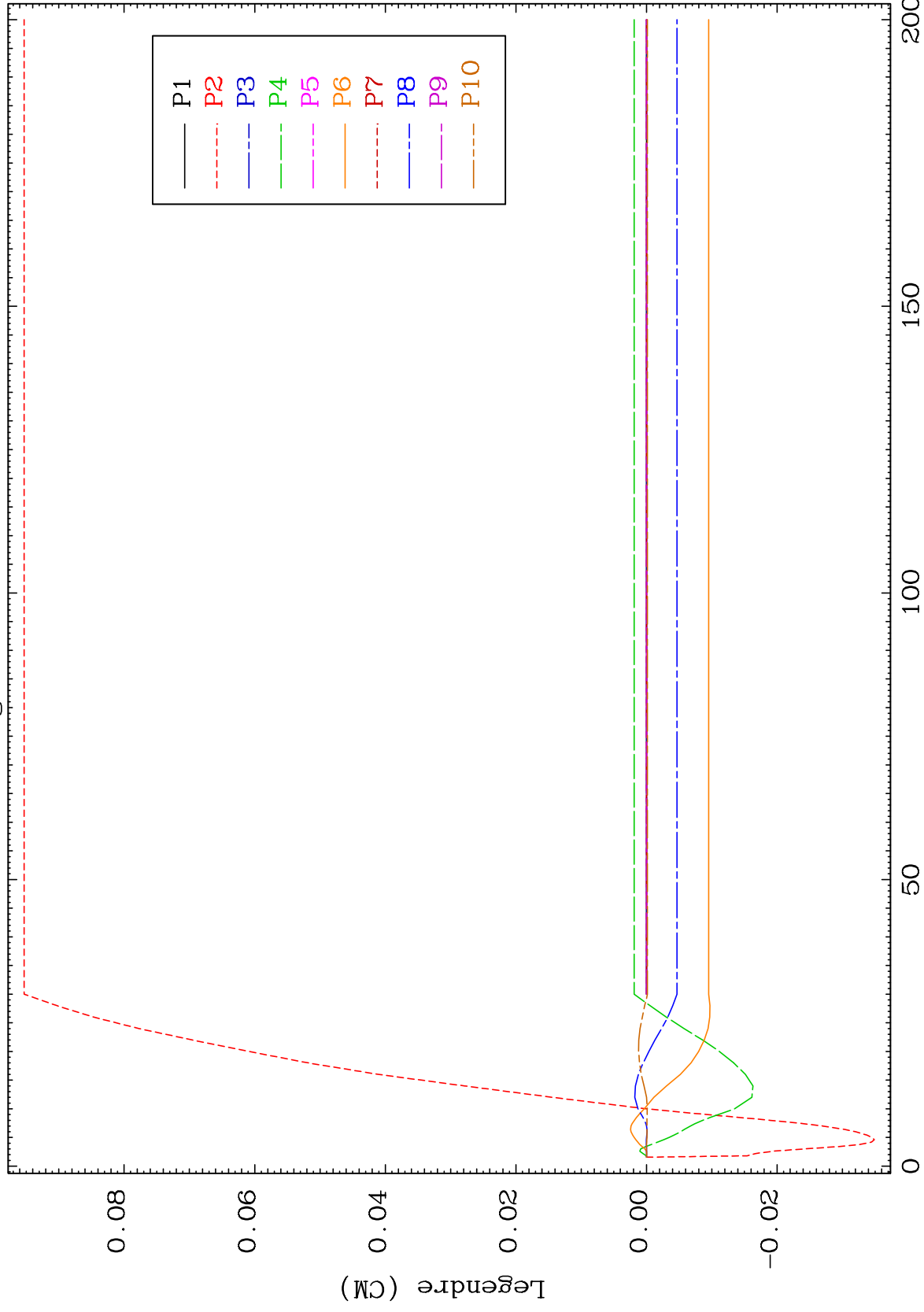
81-T1-205



MAT 8131

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

81-T1-205



81-T1-205

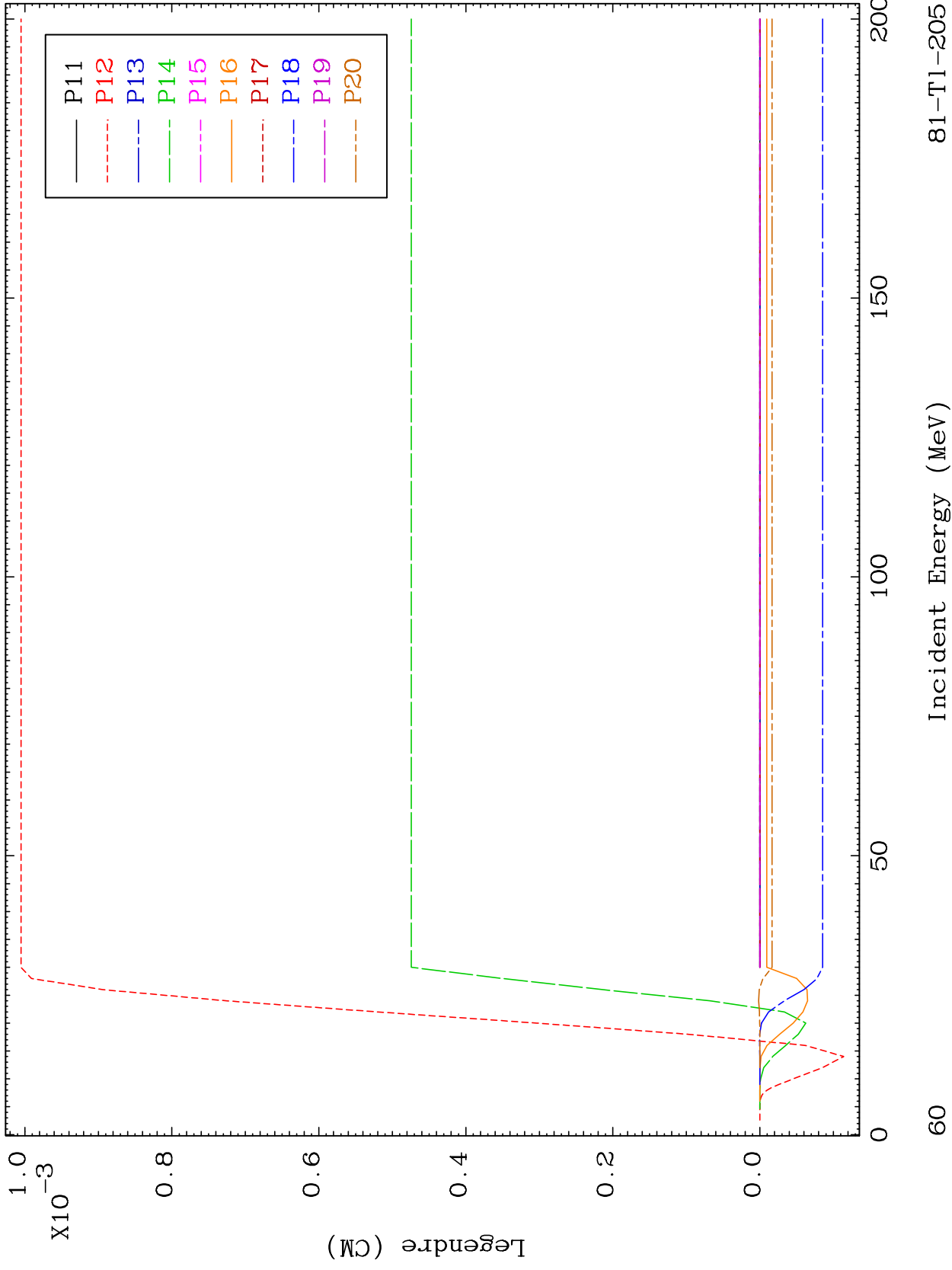
Incident Energy (MeV)

59

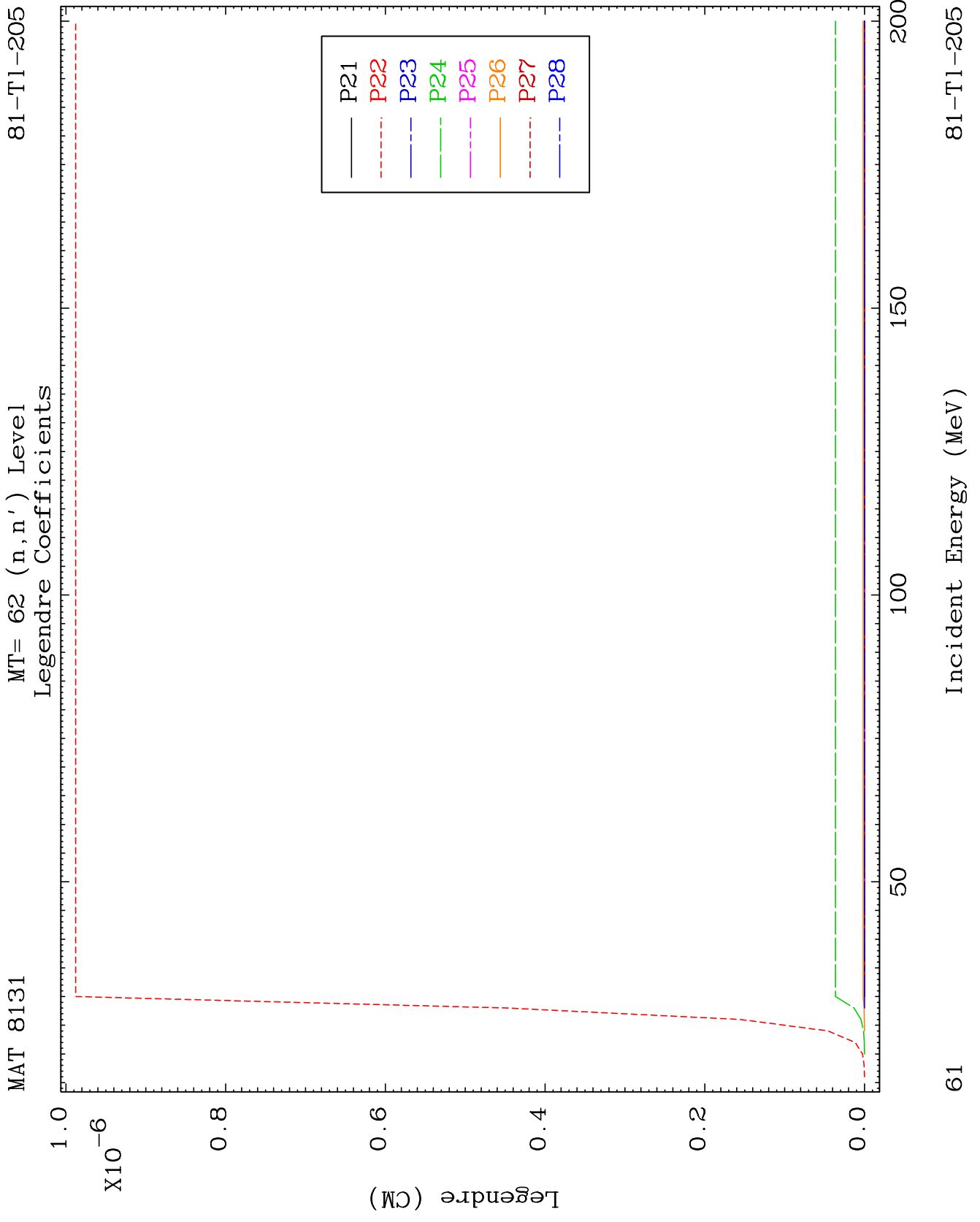
MAT 8131

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

81-T1-205



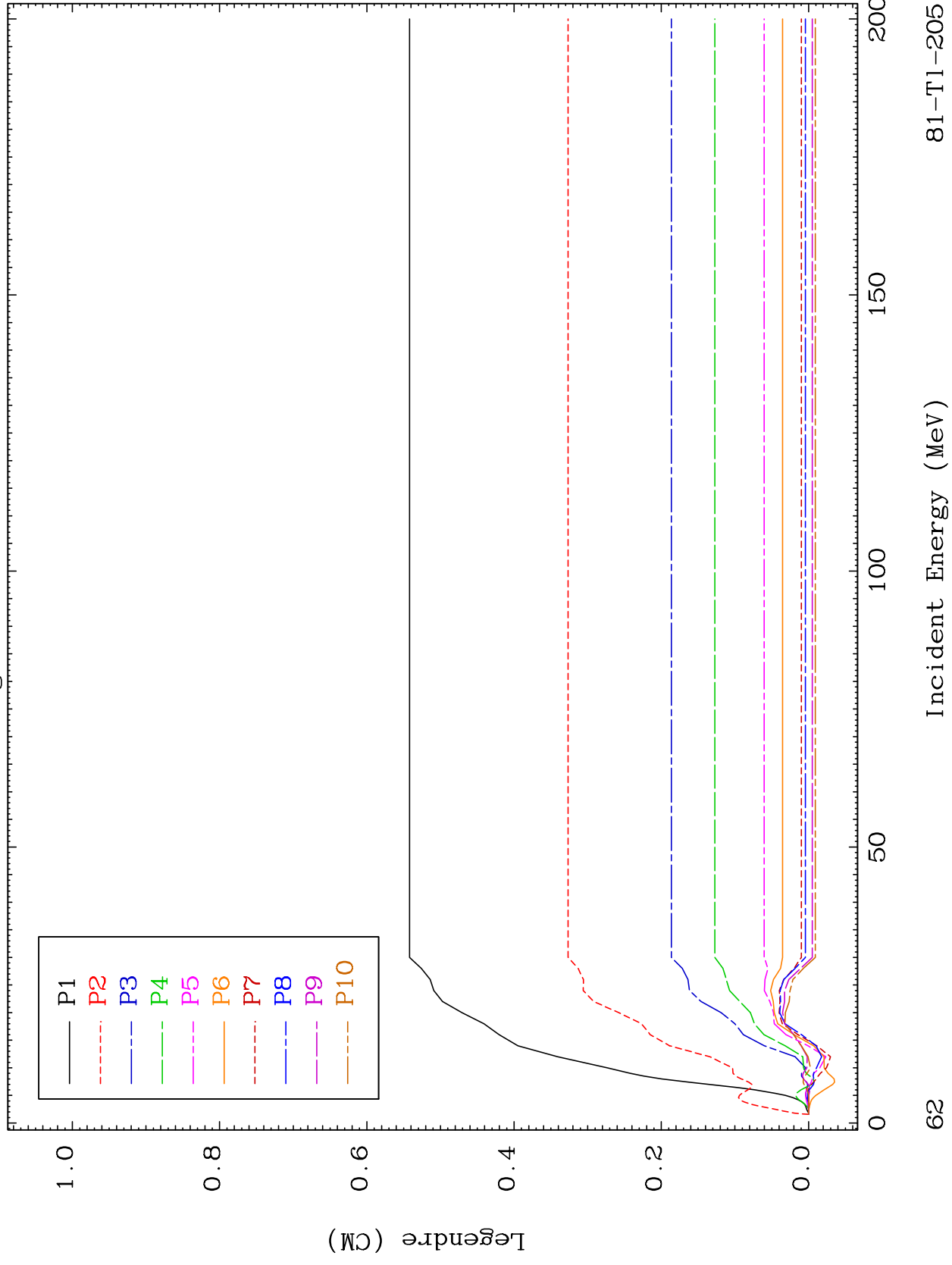
81-T1-205



MAT 8131

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

81-T1-205

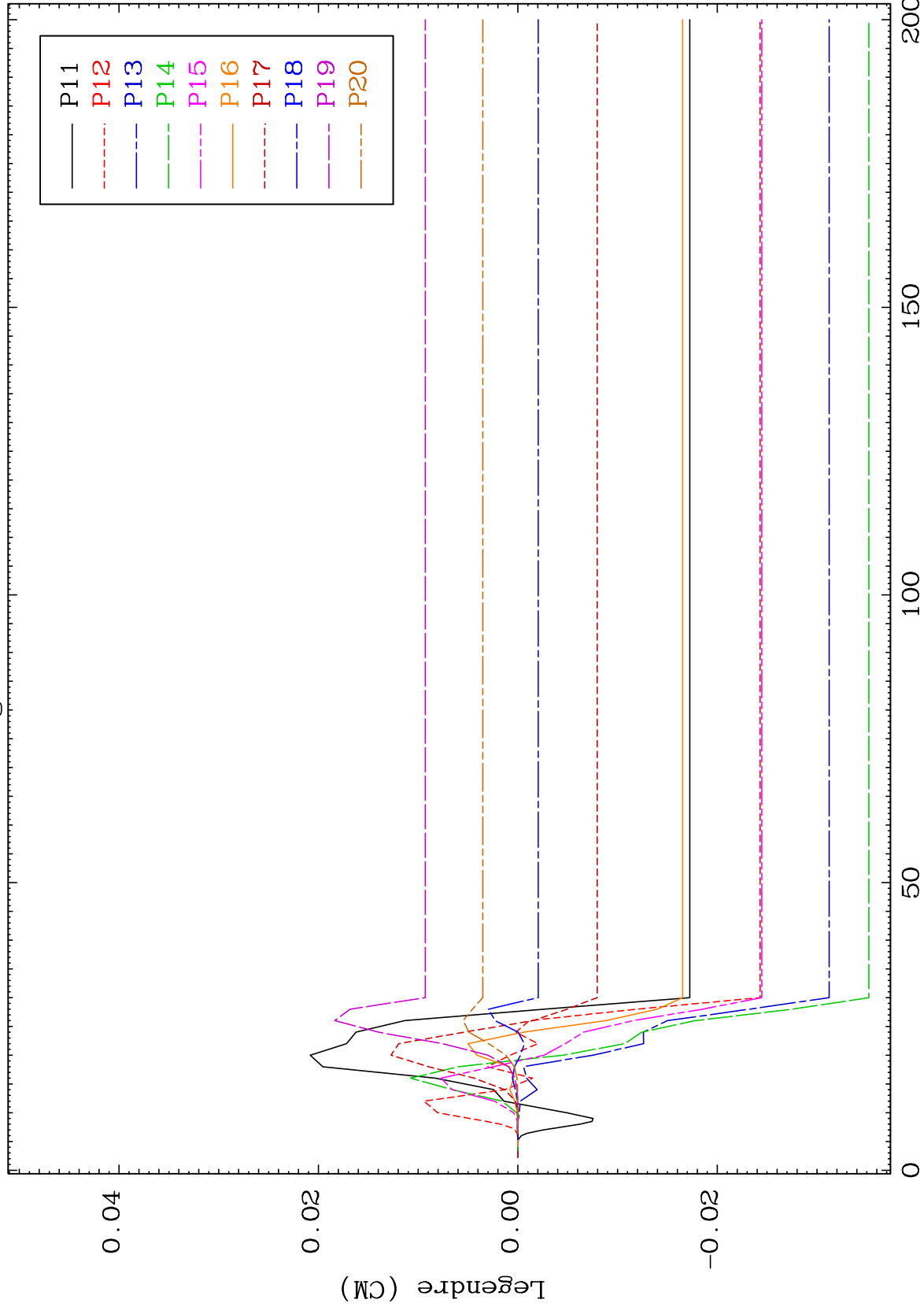


62

MAT 8131

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

81-T1-205



63

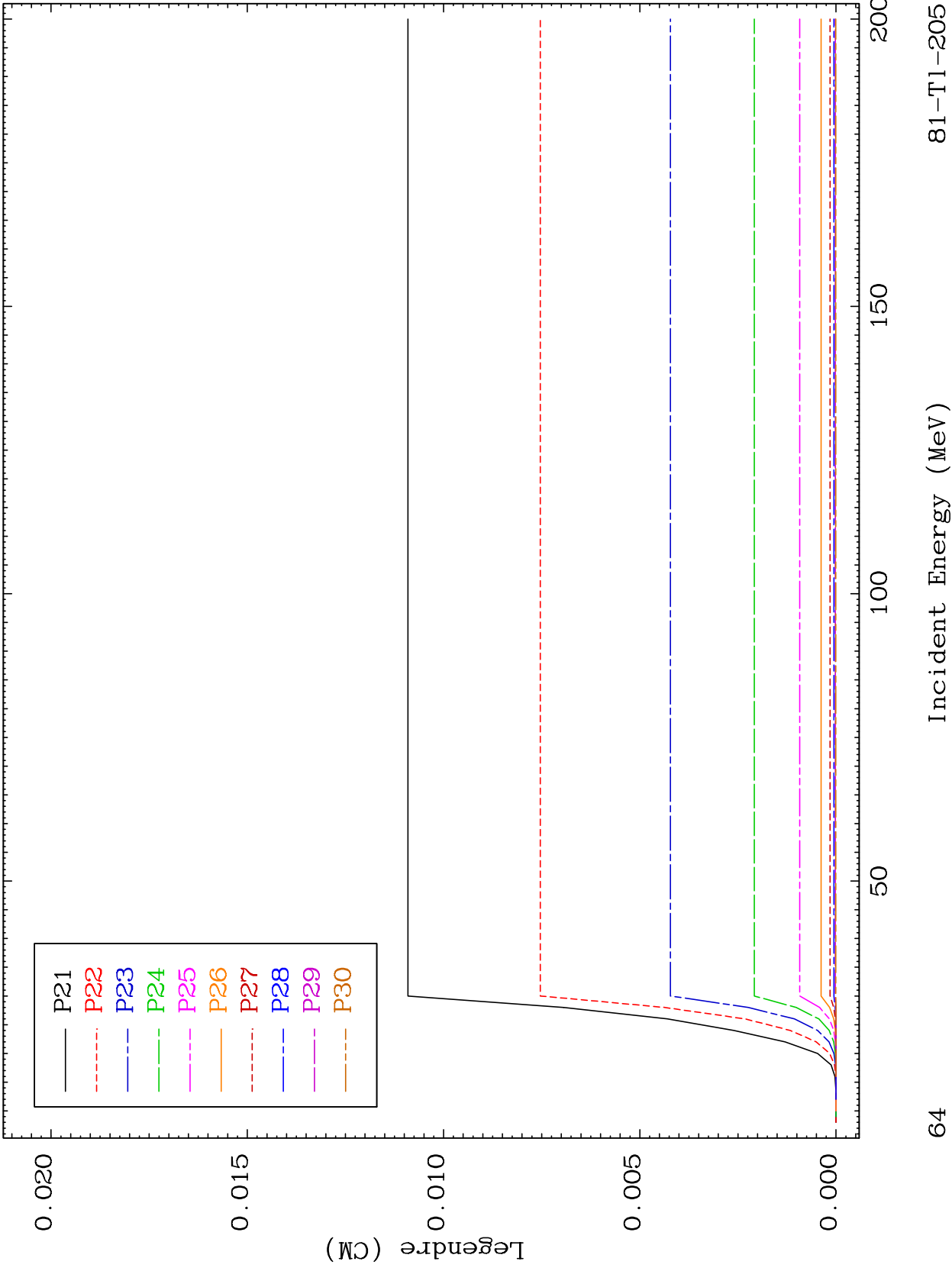
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-Tl-205



64

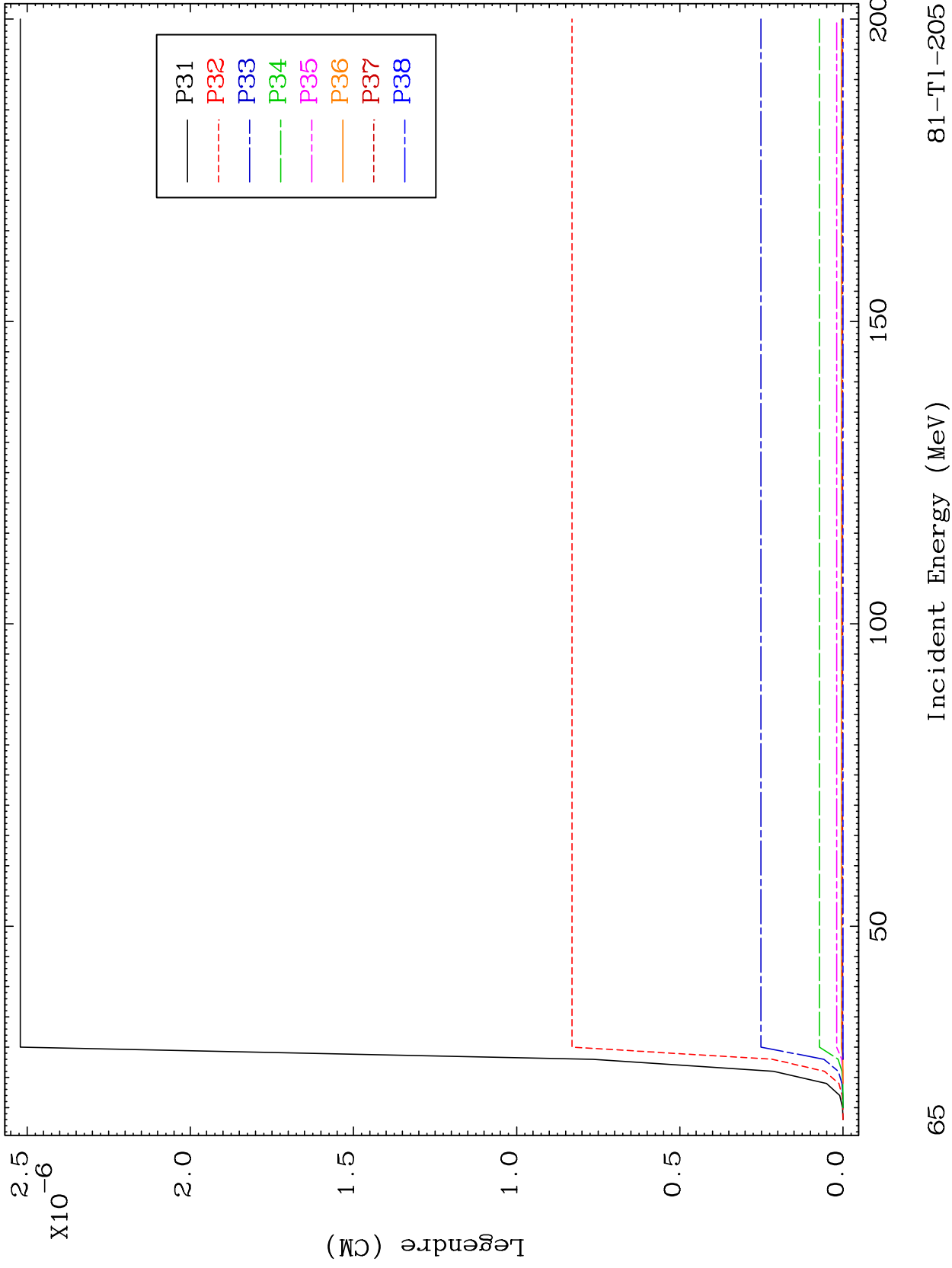
Incident Energy (MeV)

81-Tl-205

MAT 8131

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

81-T1-205



65

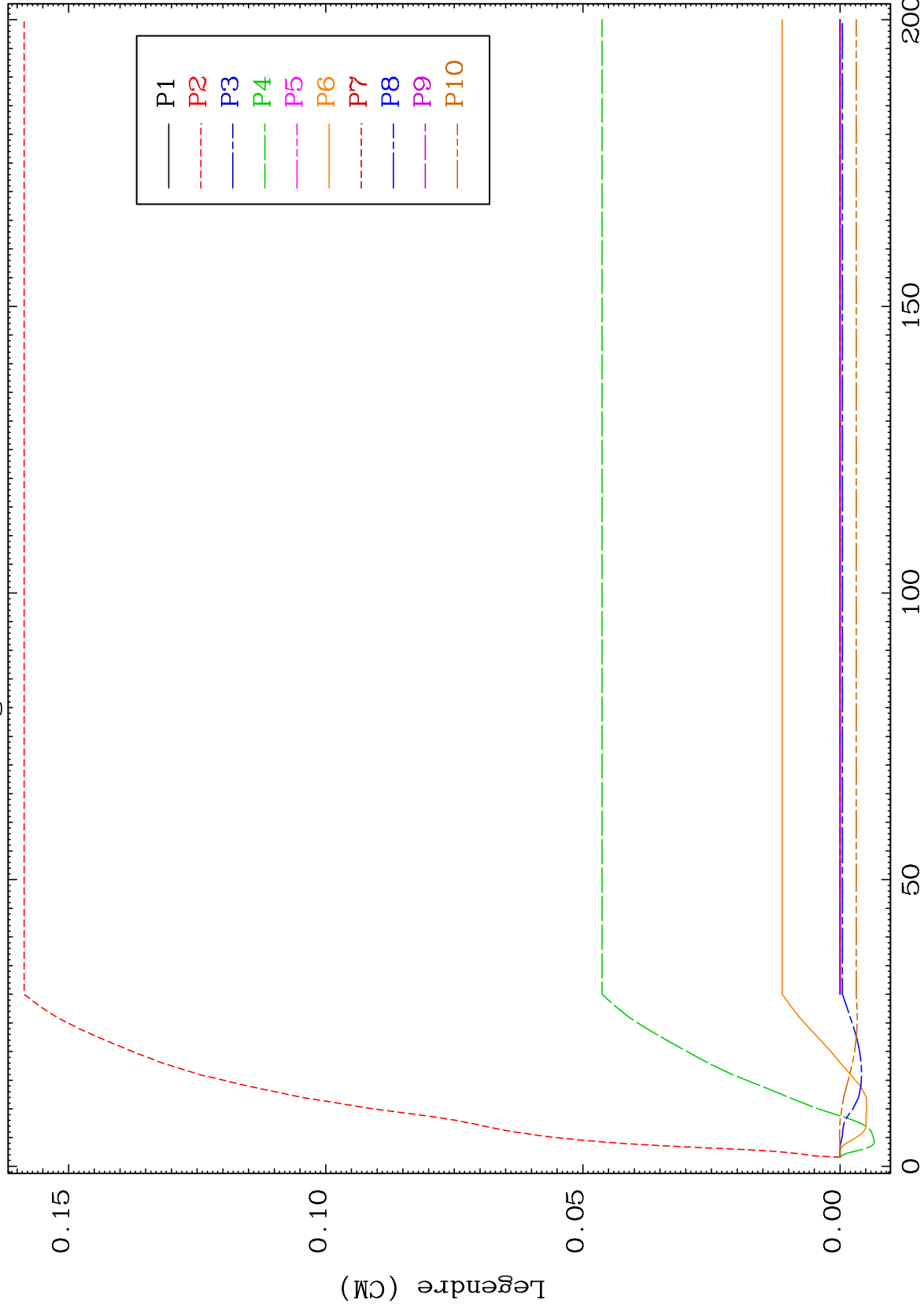
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



81-T1-205

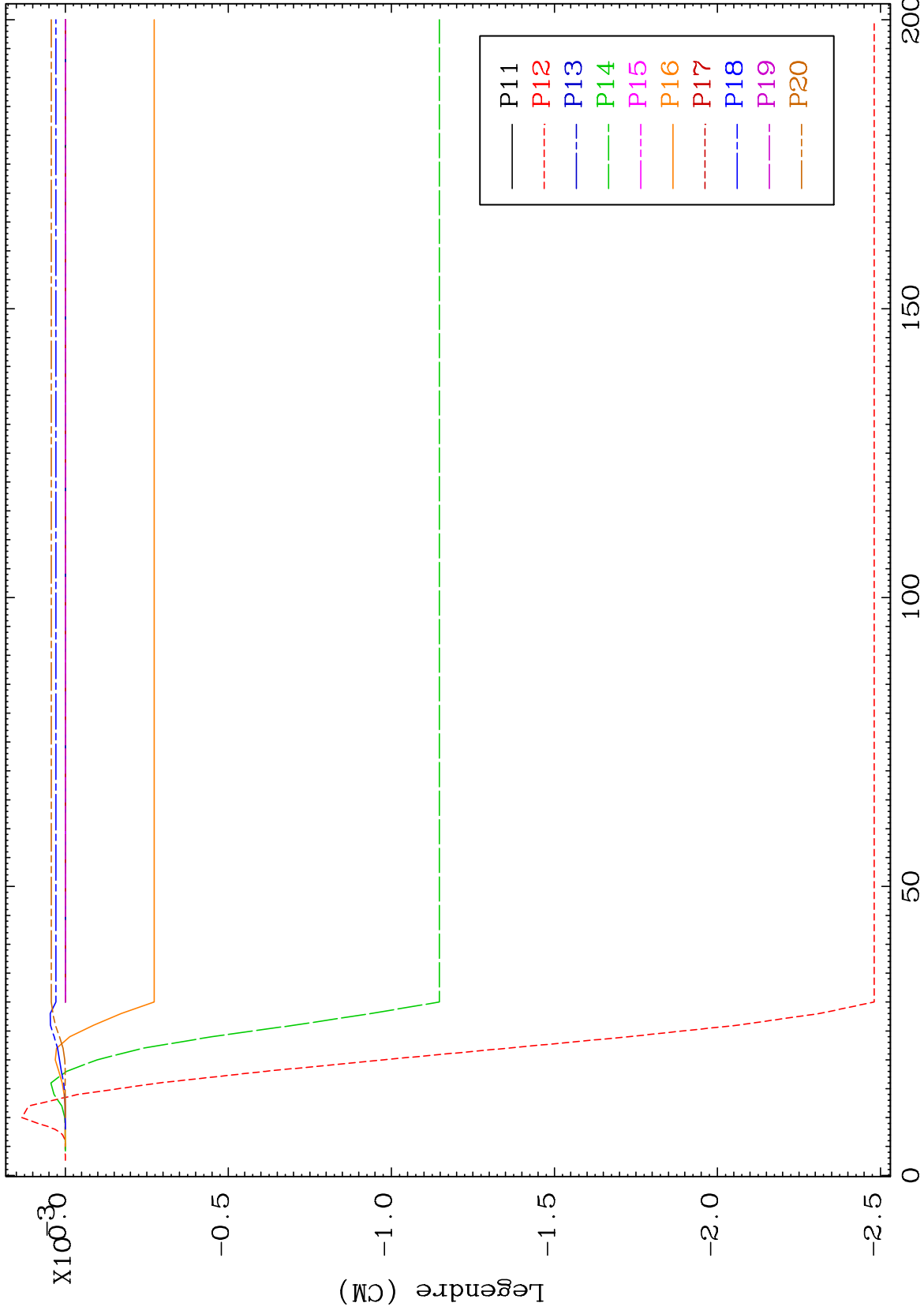
Incident Energy (MeV)

66

MAT 8131

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

81-T1-205



67

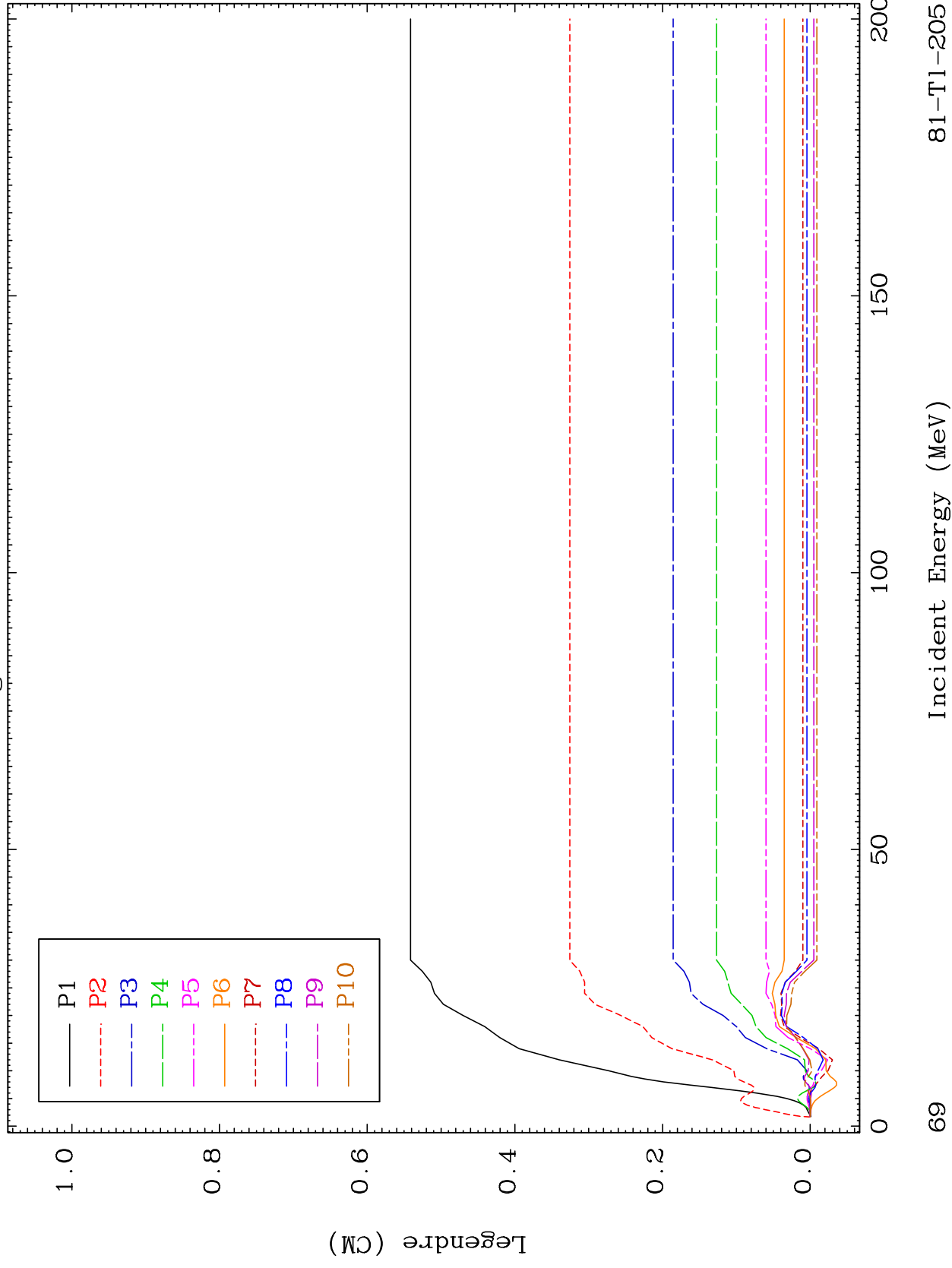
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



81-T1-205

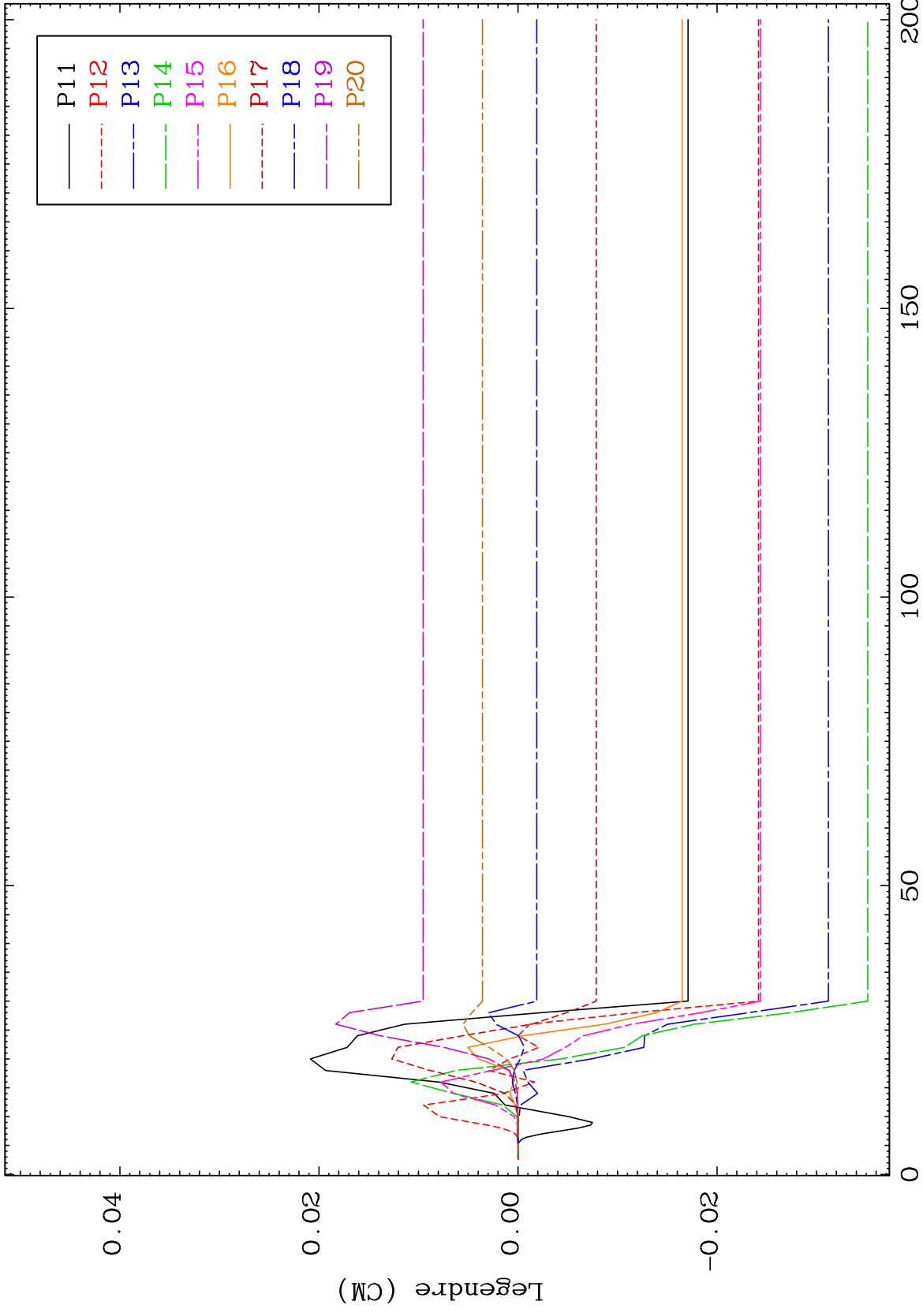
Incident Energy (MeV)

69

MAT 8131

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

81-T1-205



70

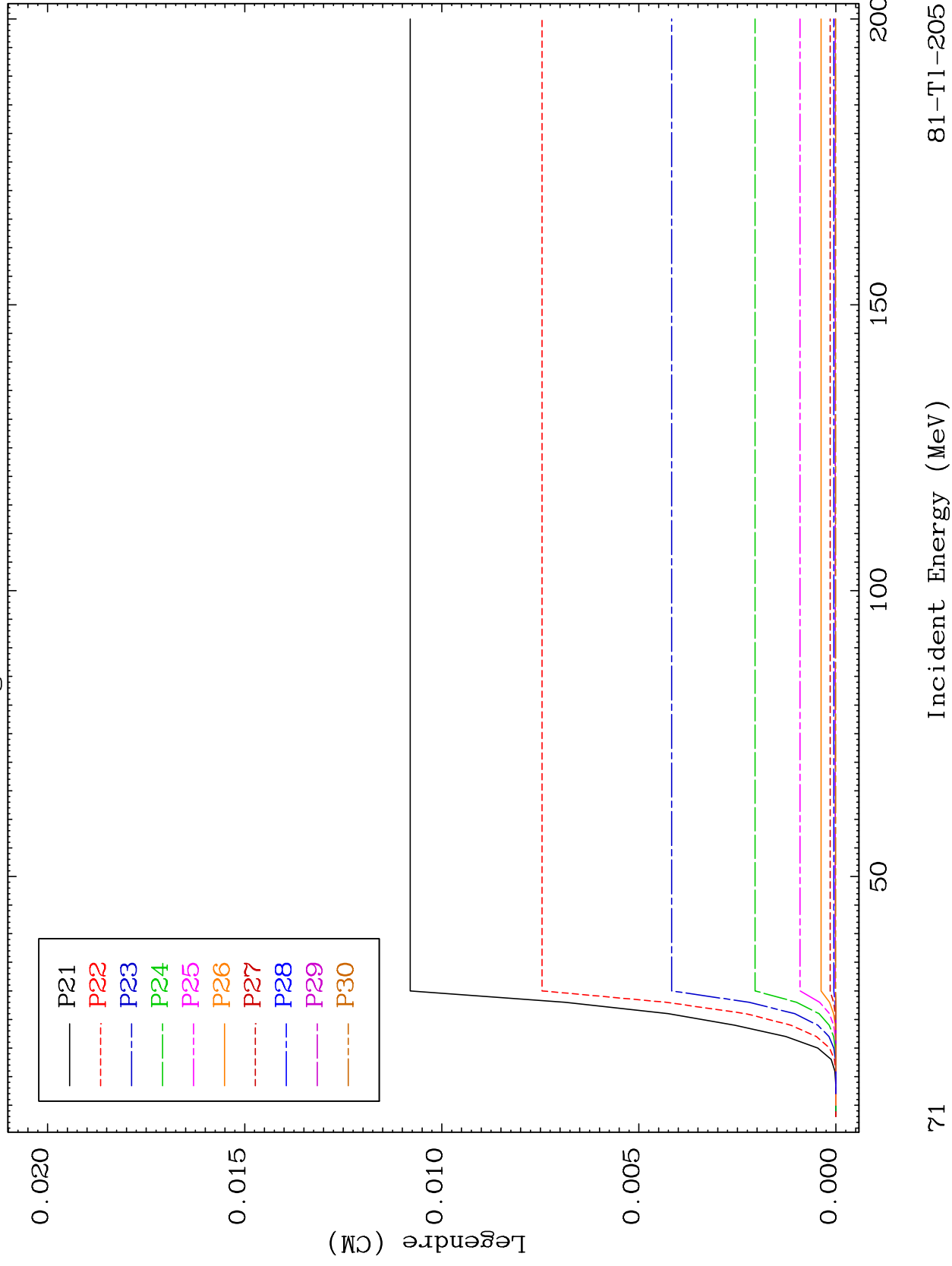
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



71

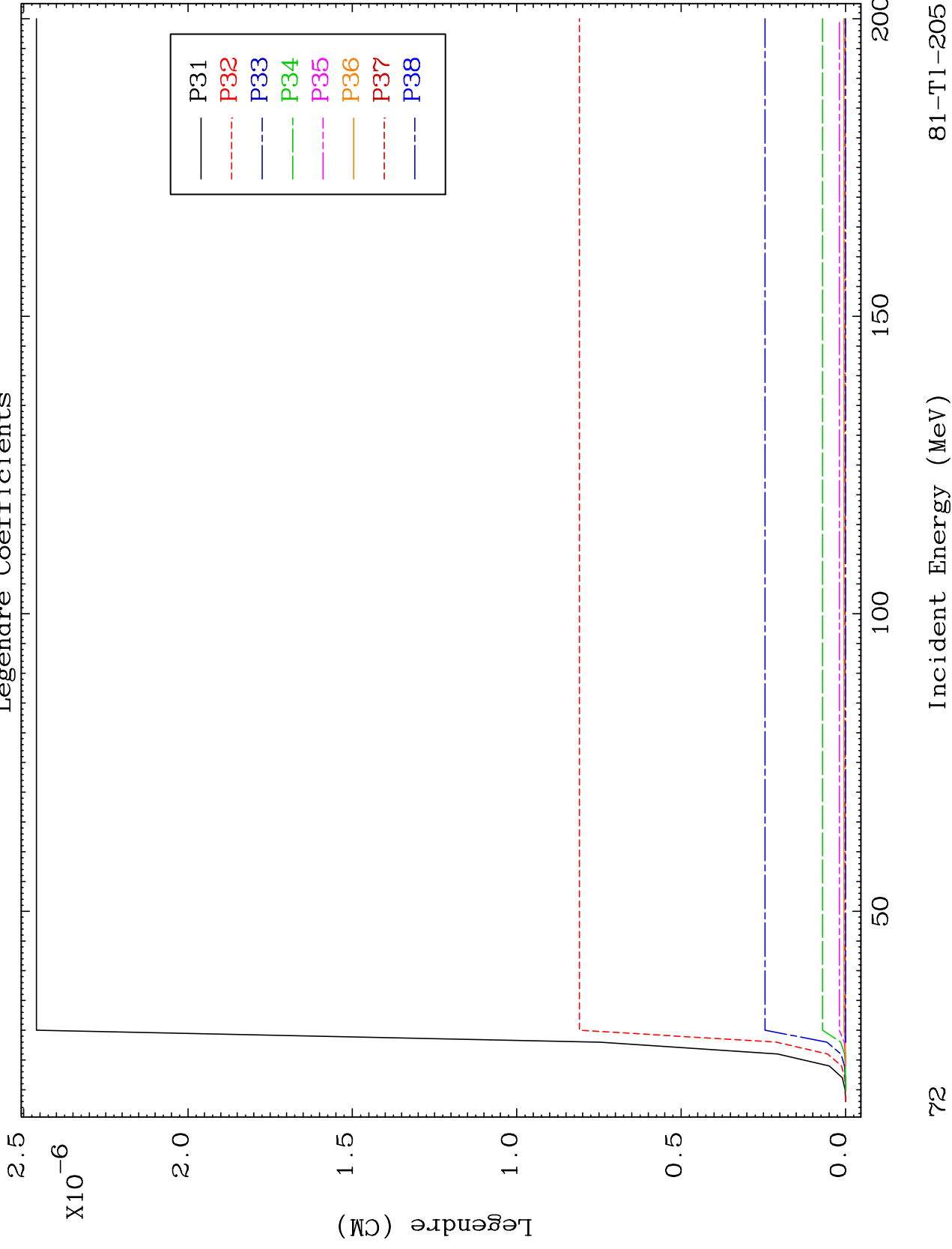
Incident Energy (MeV)

81-T1-205

MAT 8131

81-T1-205

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



72

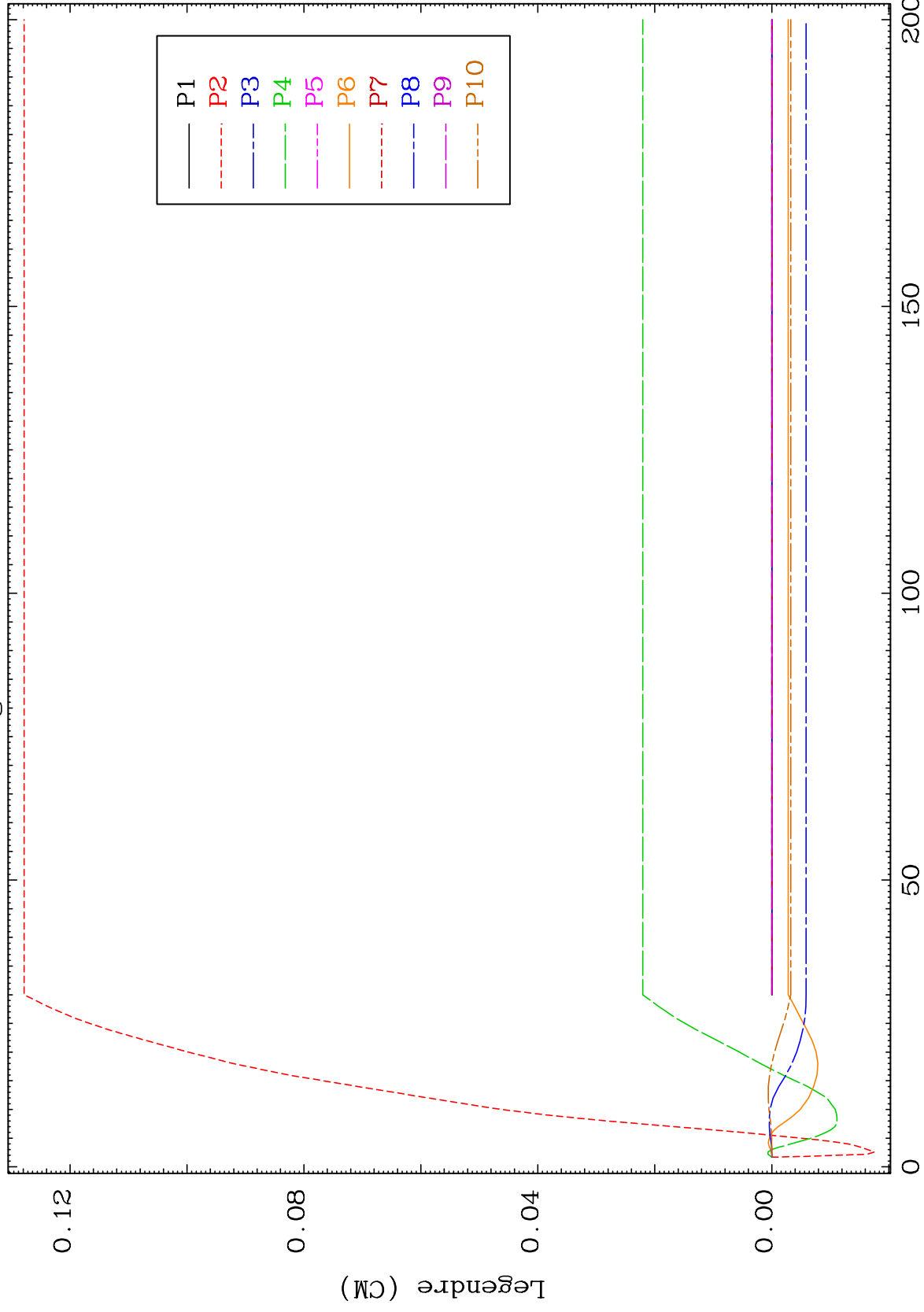
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



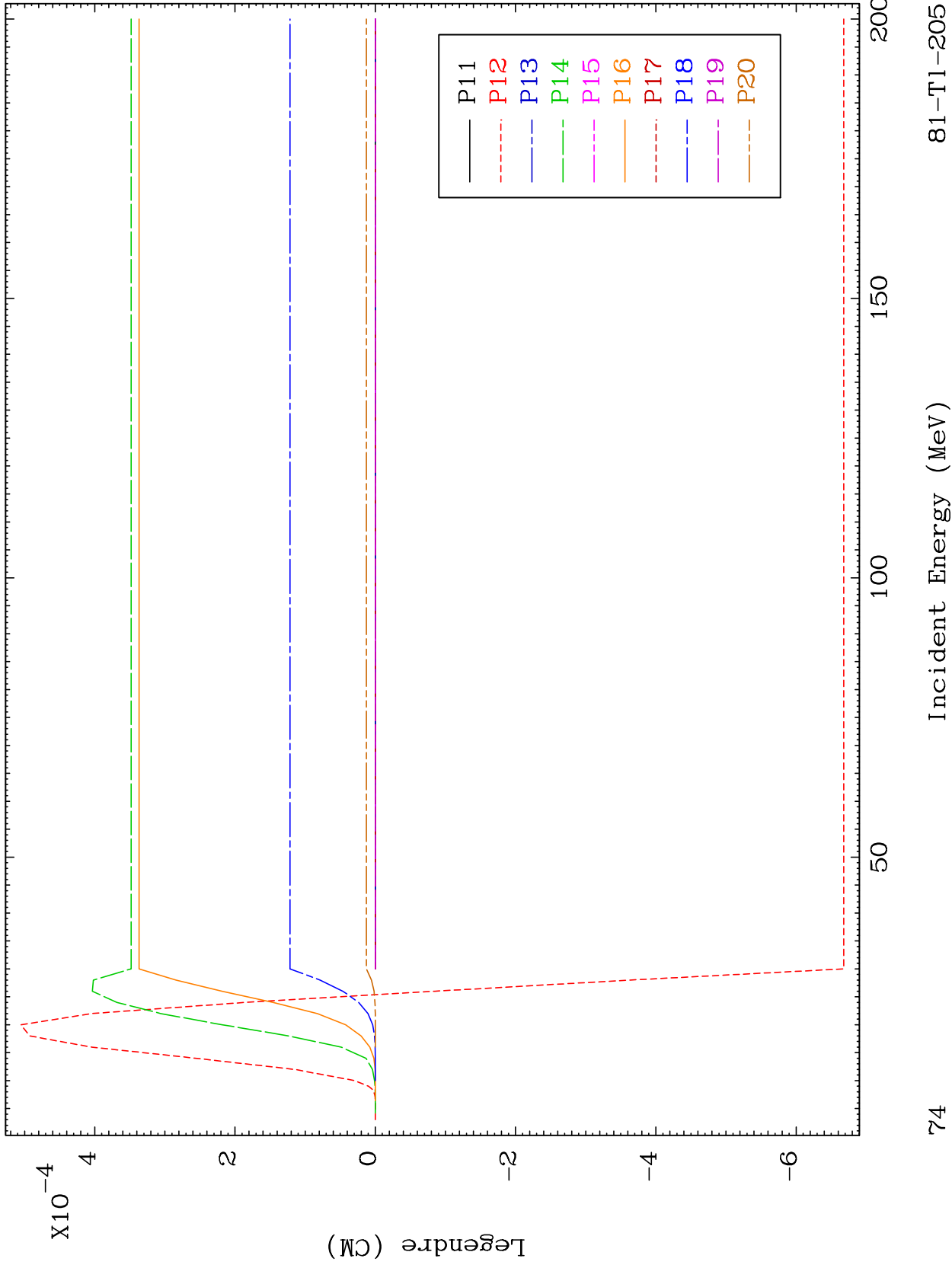
73

81-T1-205

MAT 8131

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

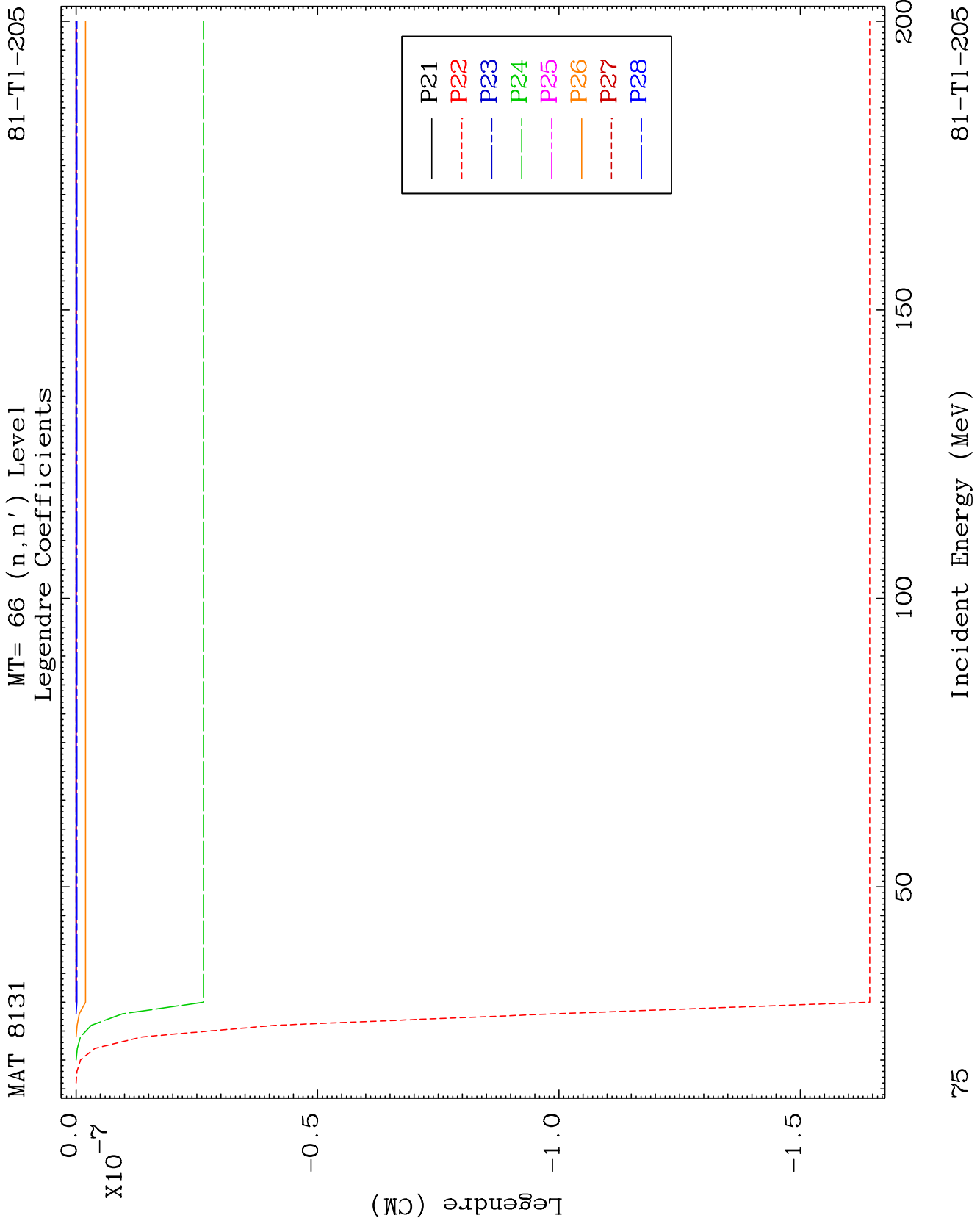
81-T1-205



74

Incident Energy (MeV)

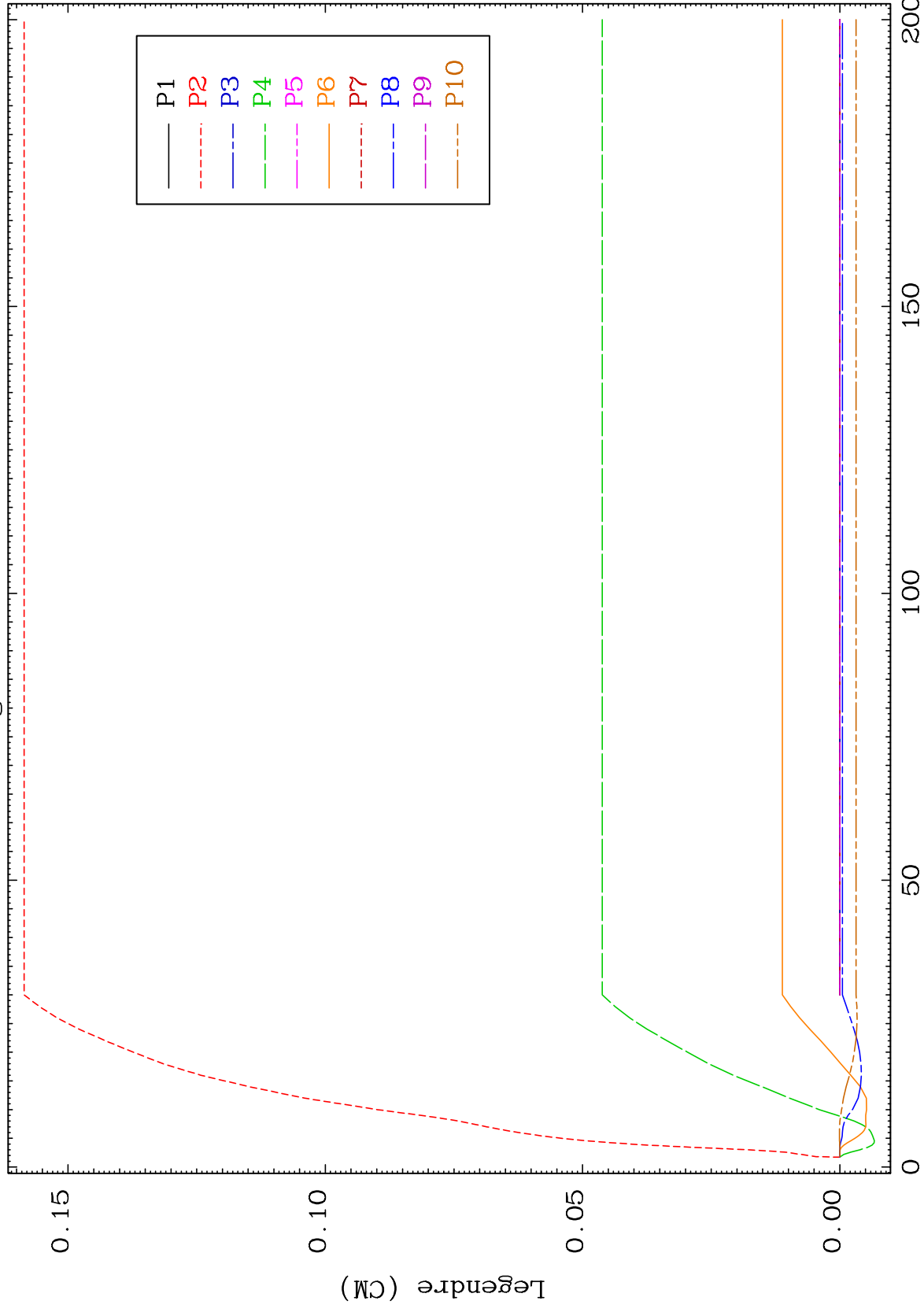
81-T1-205



MAT 8131

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

81-T1-205



76

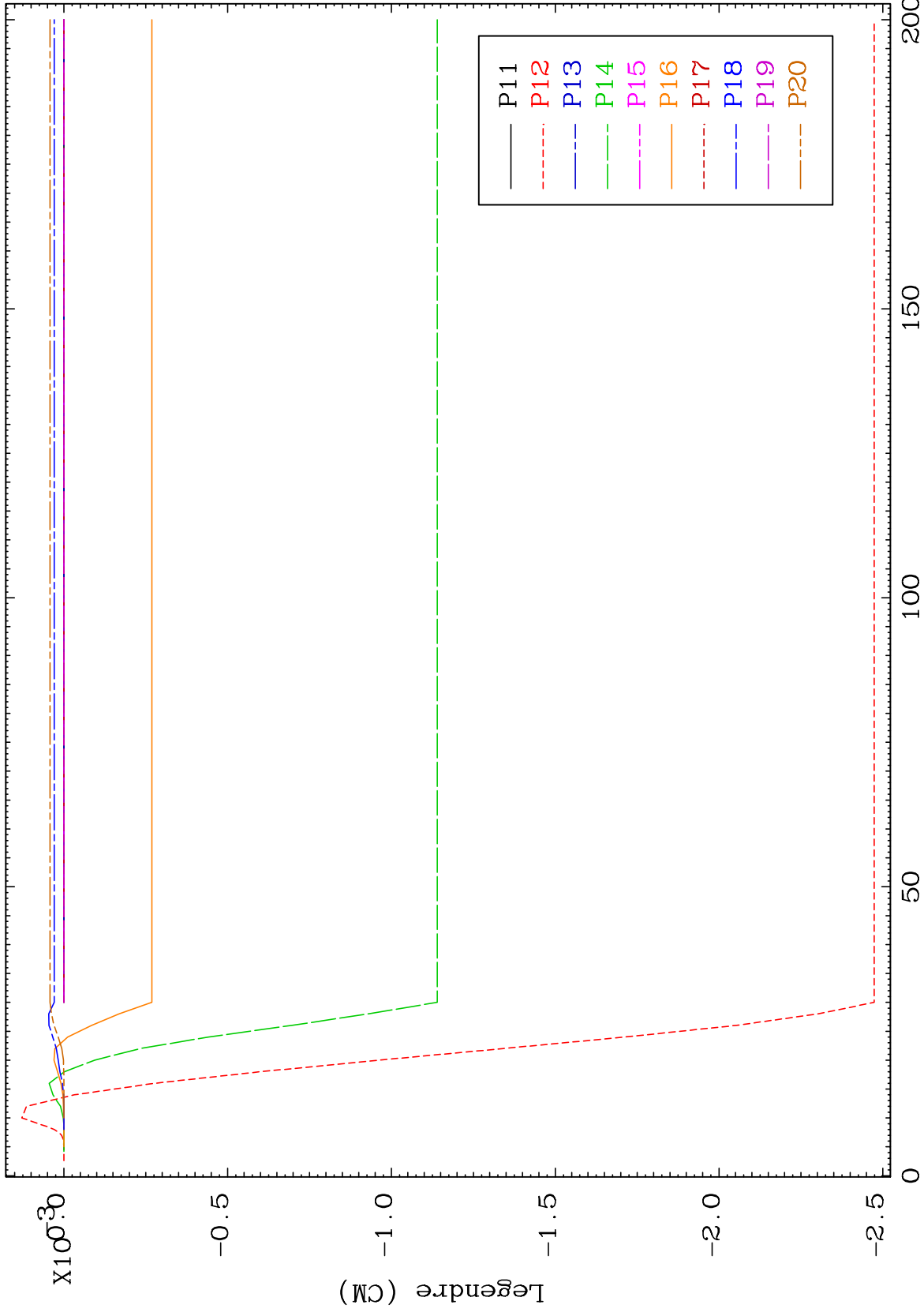
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



77

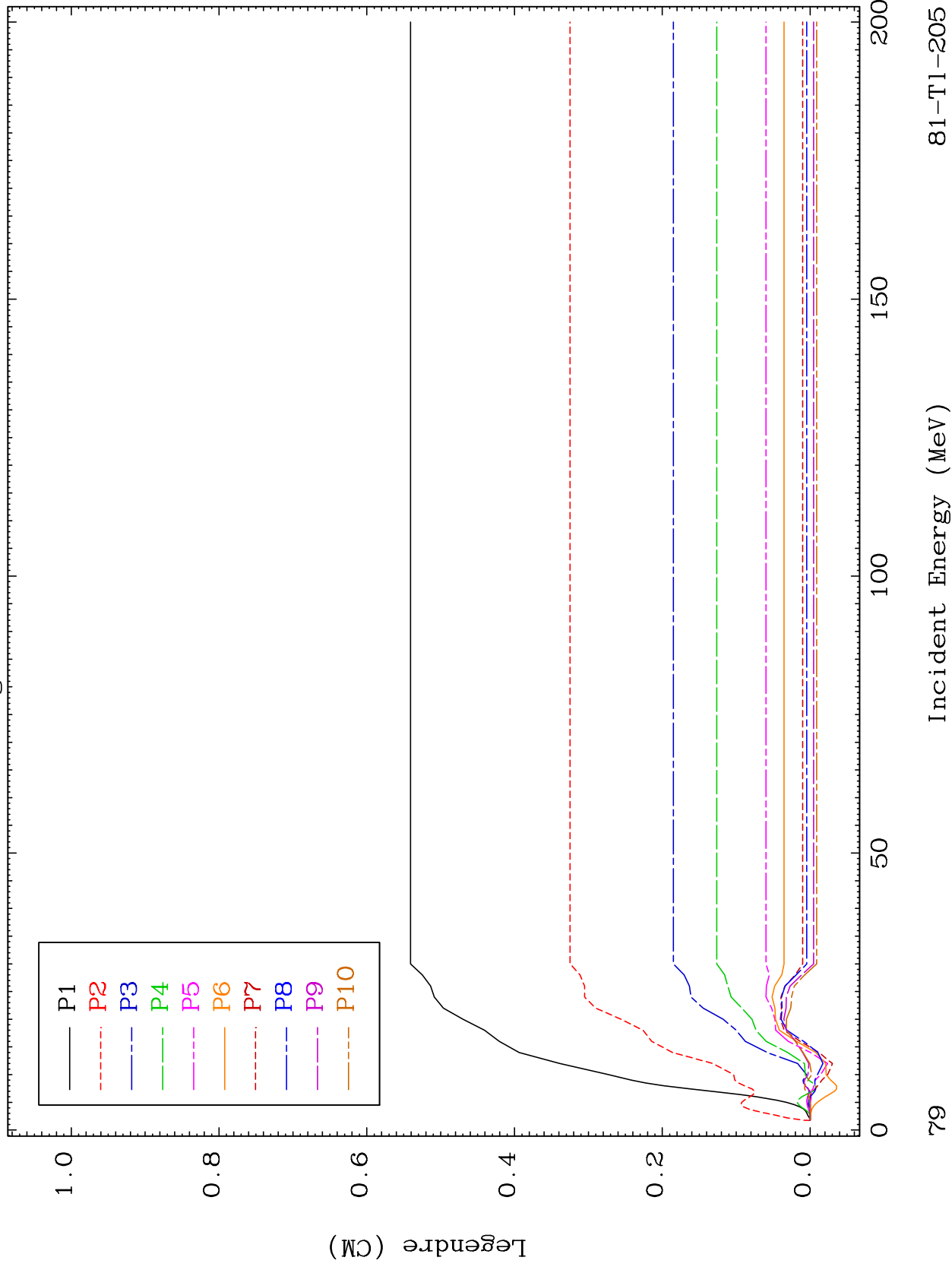
Incident Energy (MeV)

81-T1-205

MAT 8131

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

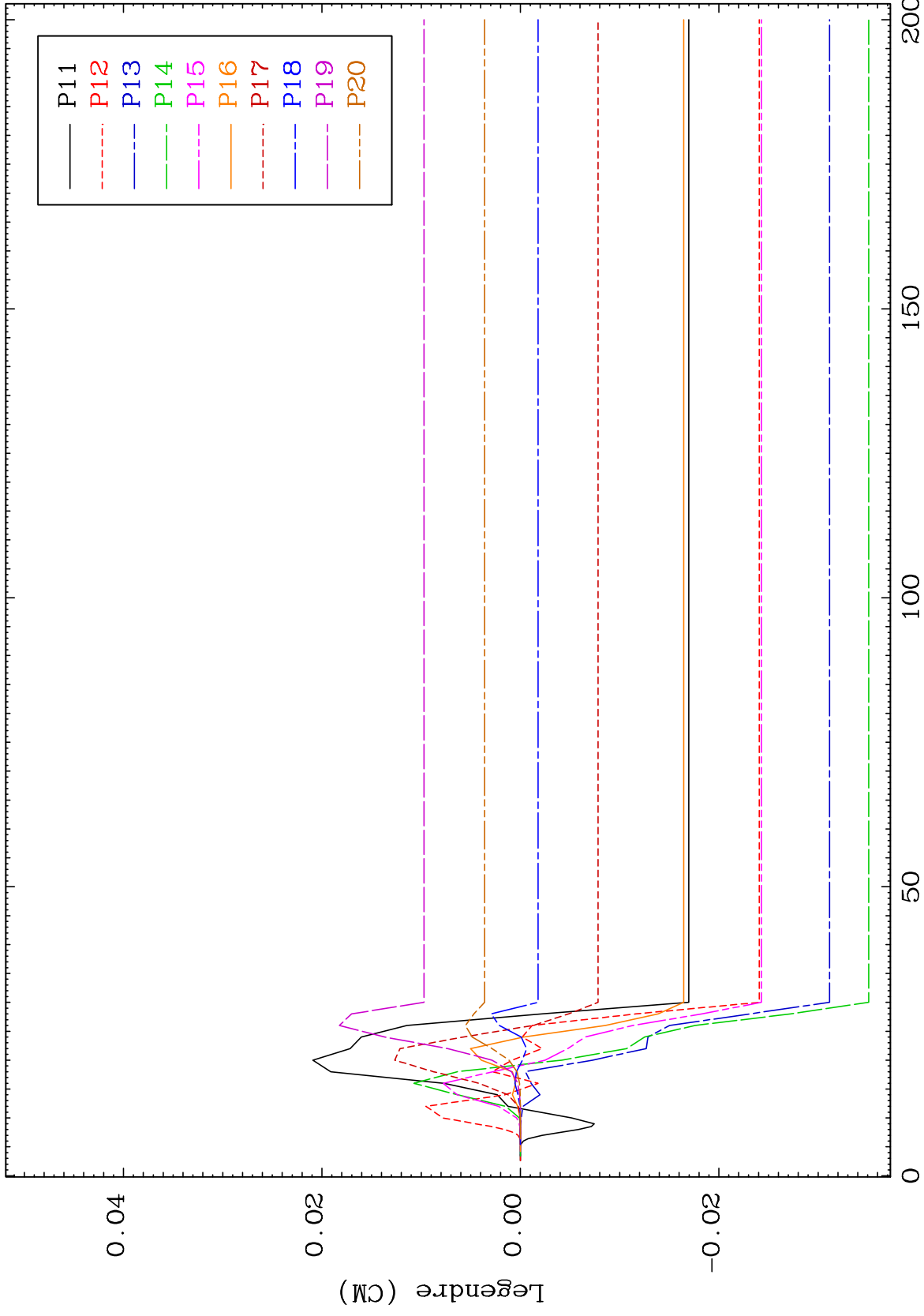
81-T1-205



MAT 8131

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

81-T1-205



80

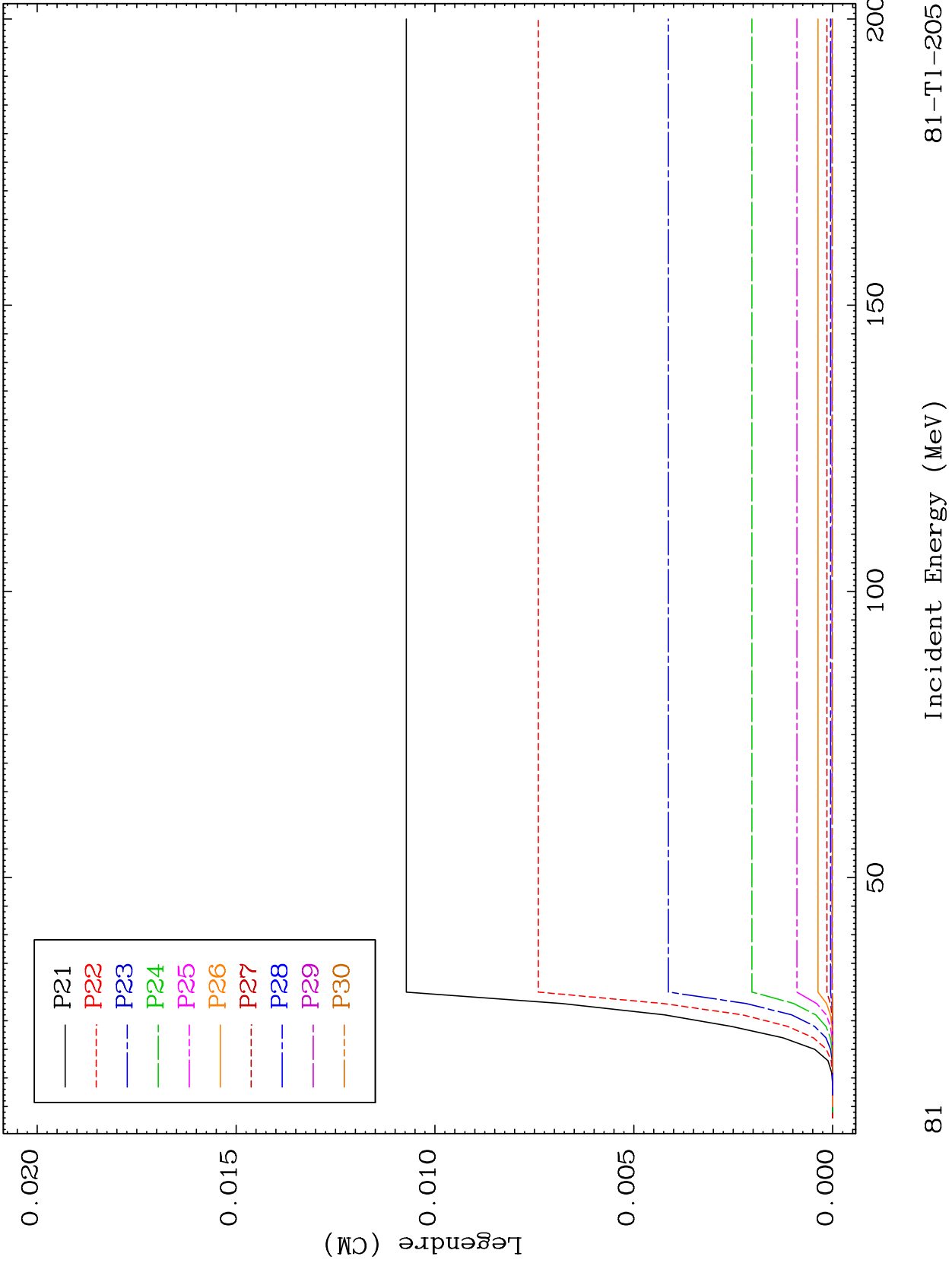
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



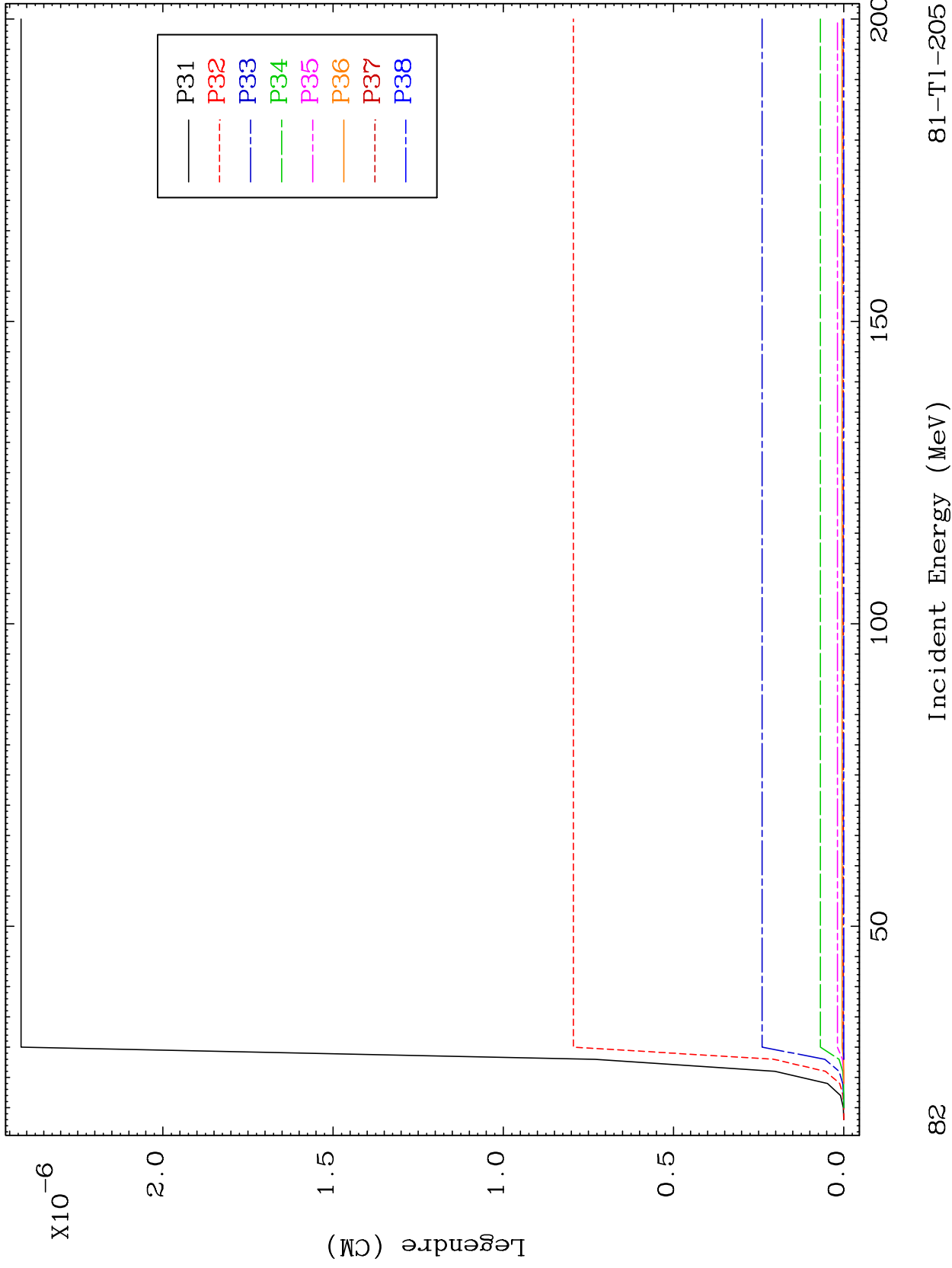
81

81-T1-205

MAT 8131

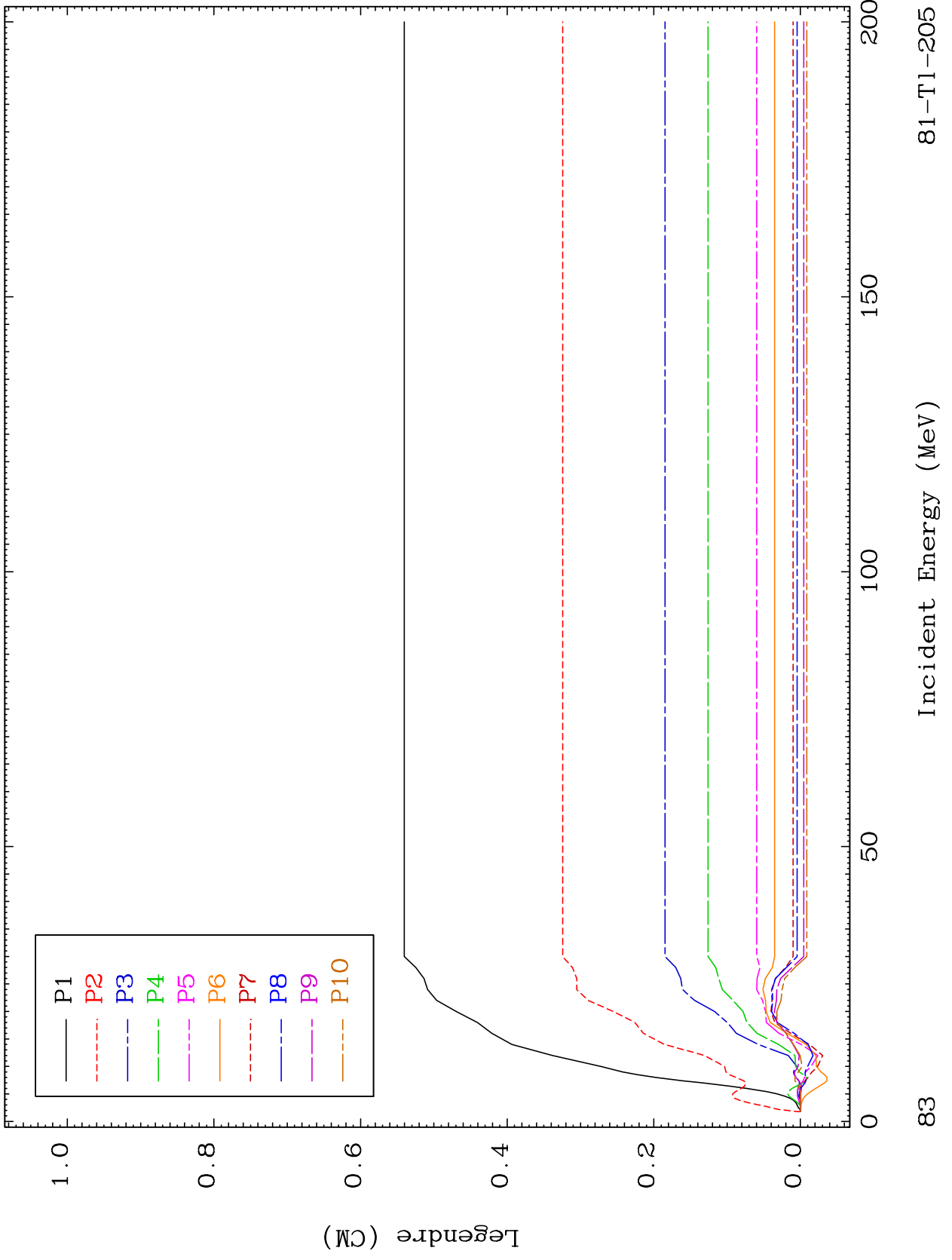
81-T1-205

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



82

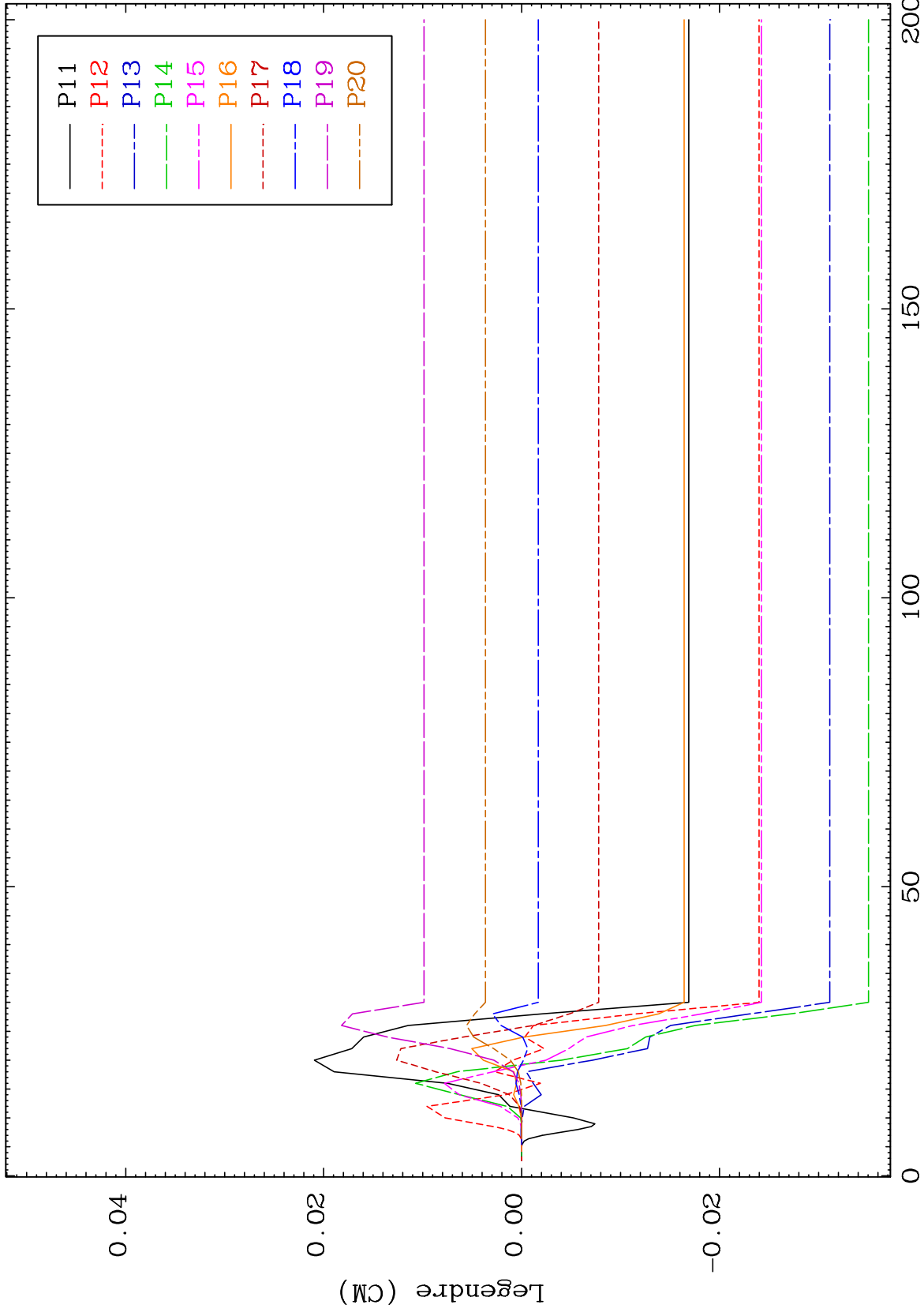
81-T1-205



MAT 8131

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

81-T1-205



84

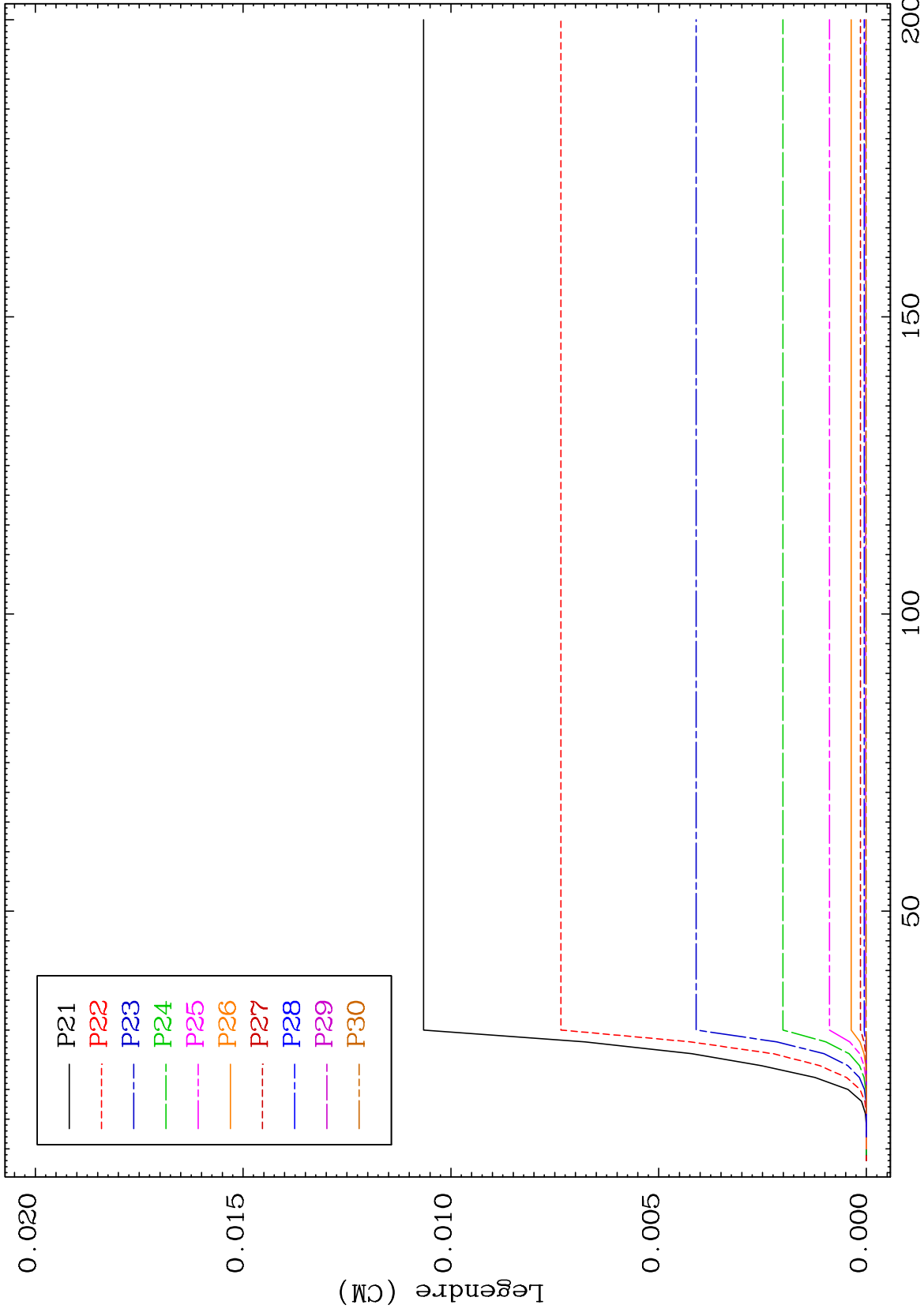
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



85

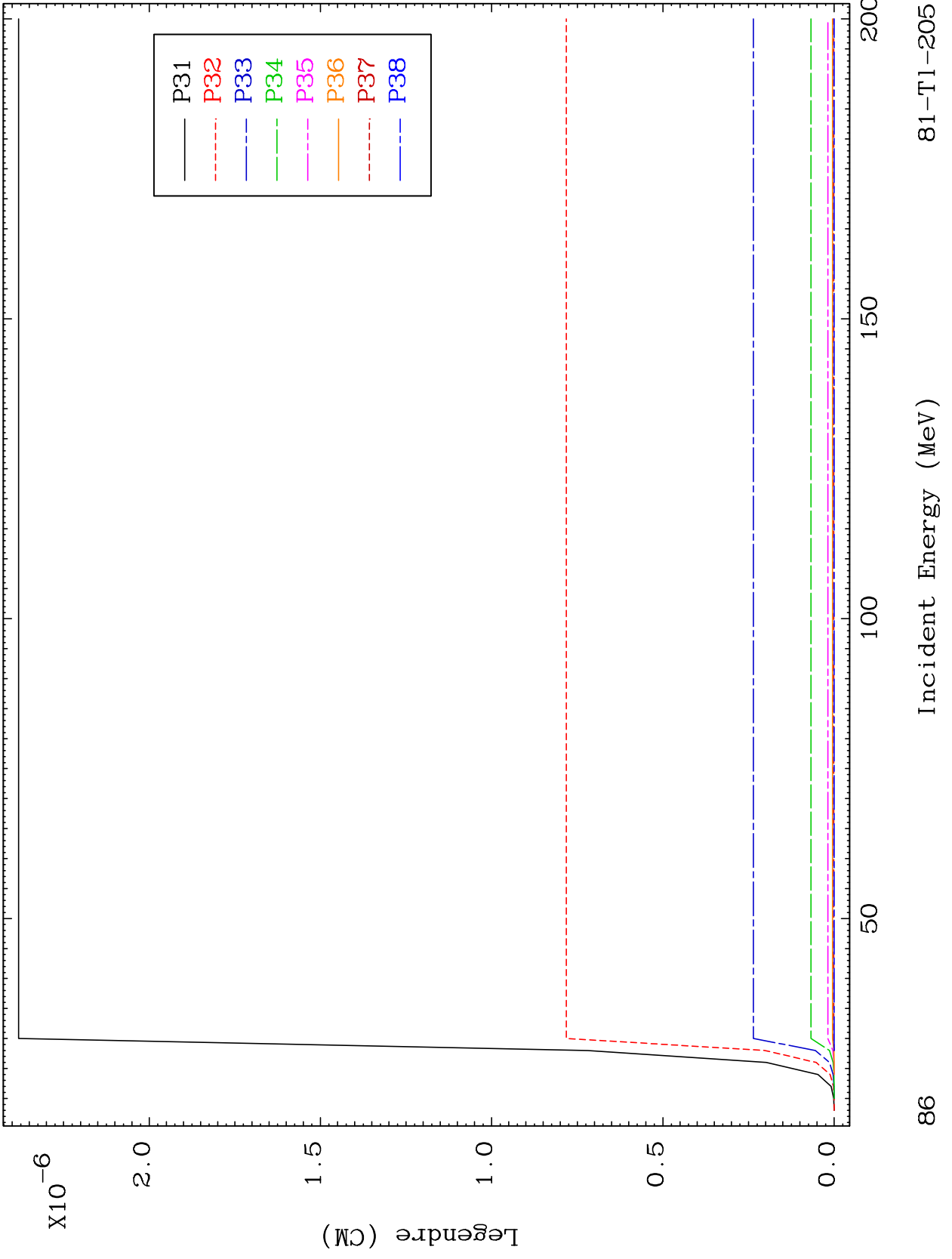
Incident Energy (MeV)

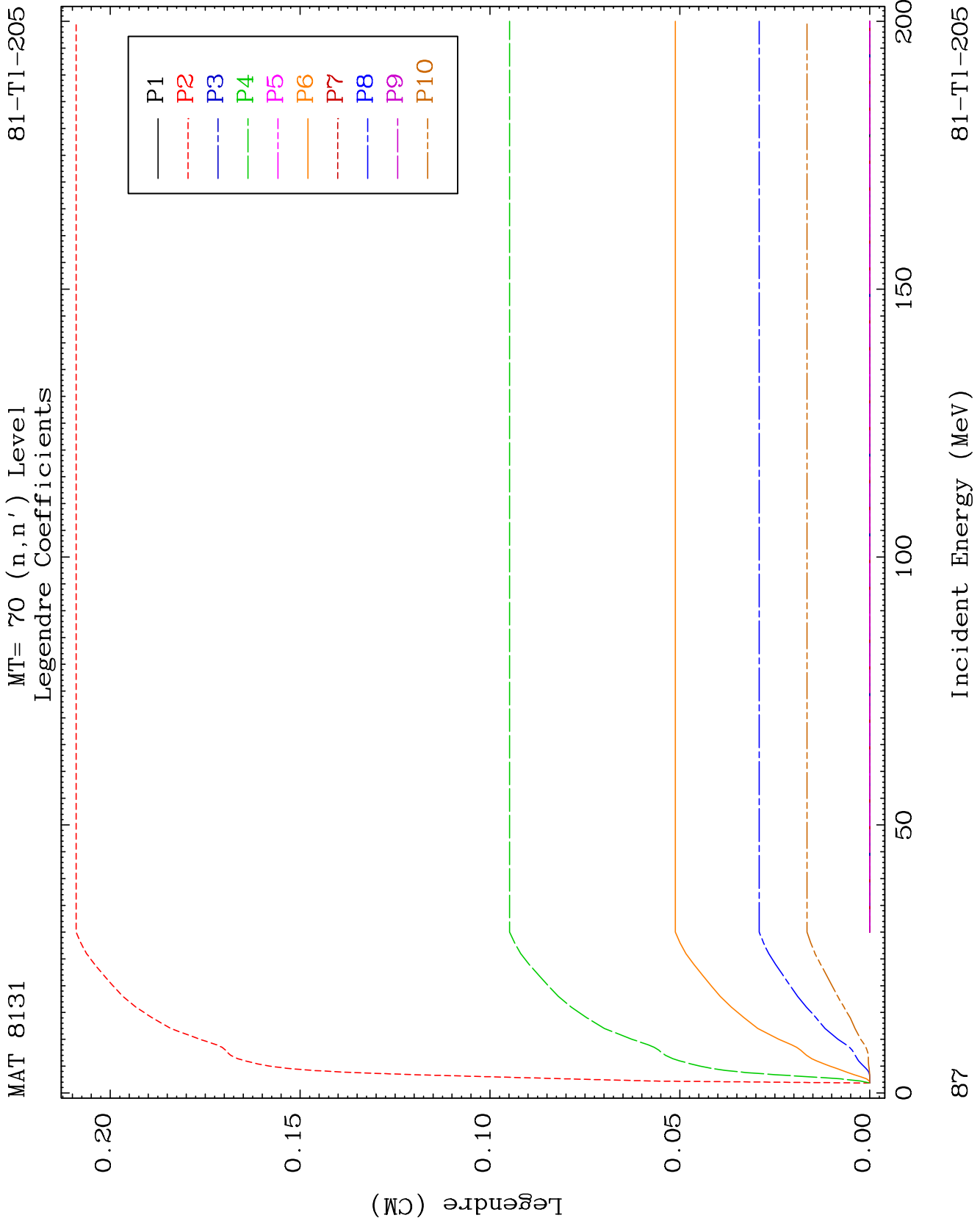
81-T1-205

MAT 8131

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

81-T1-205

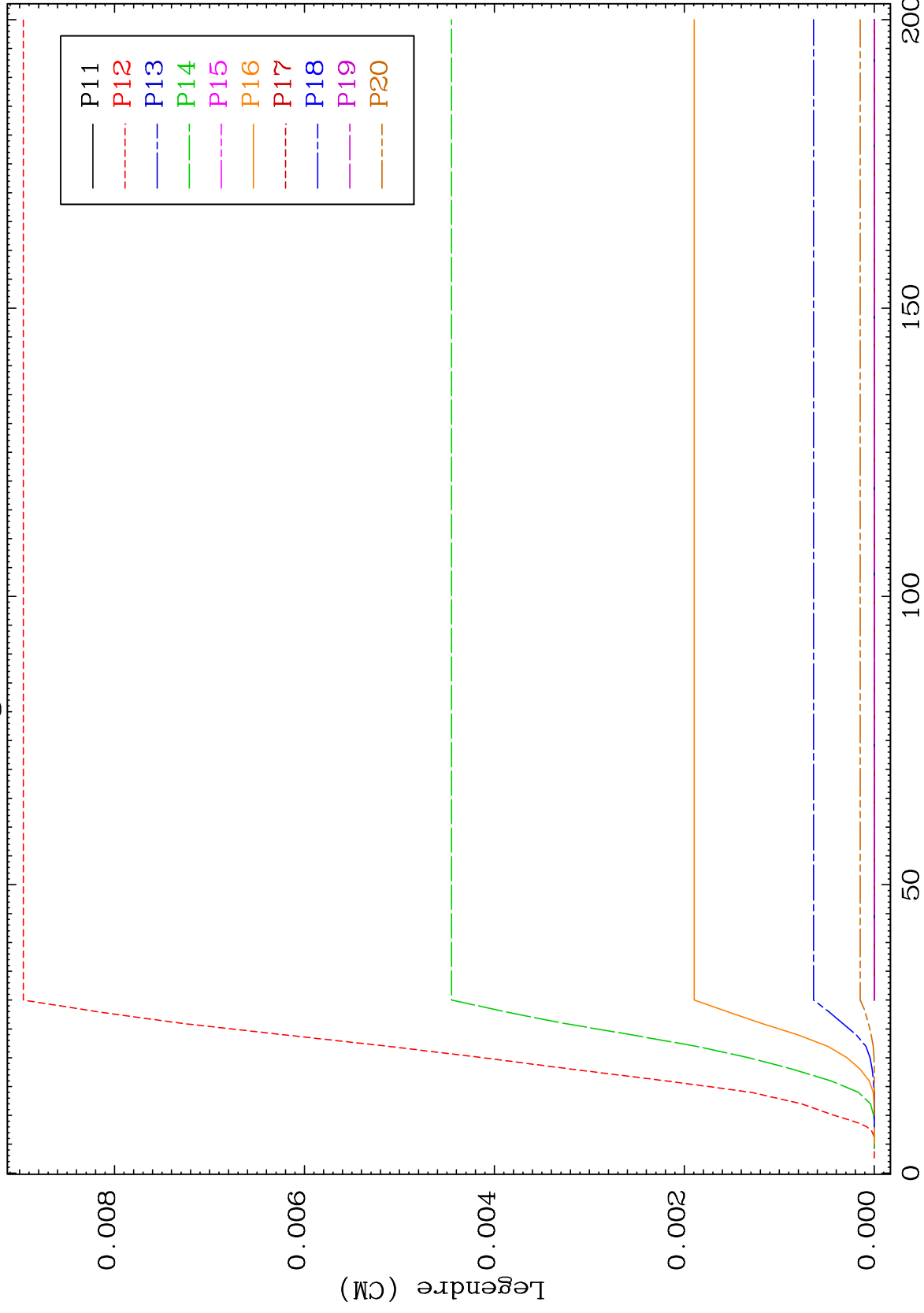




MAT 8131

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

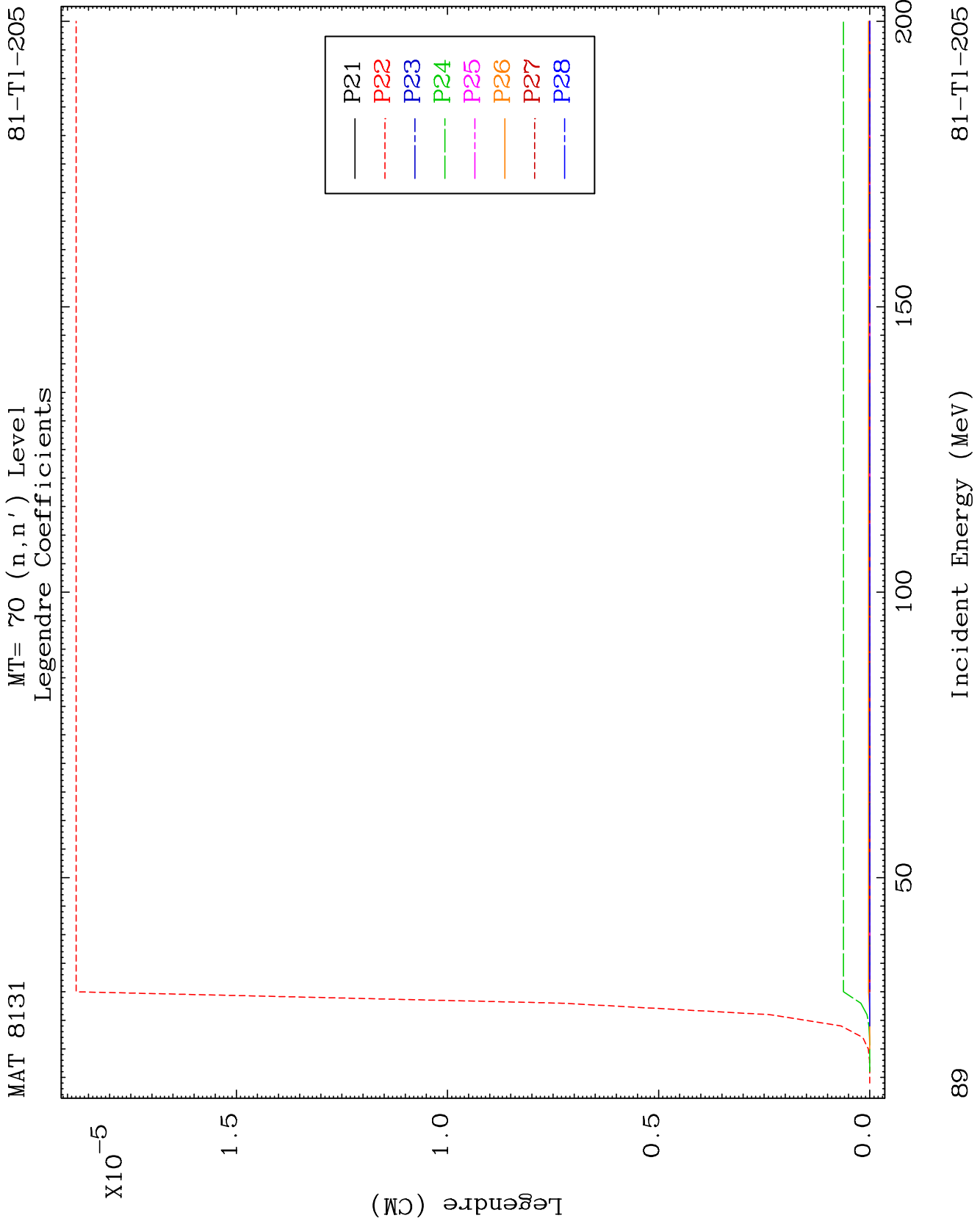
81-T1-205



88

Incident Energy (MeV)

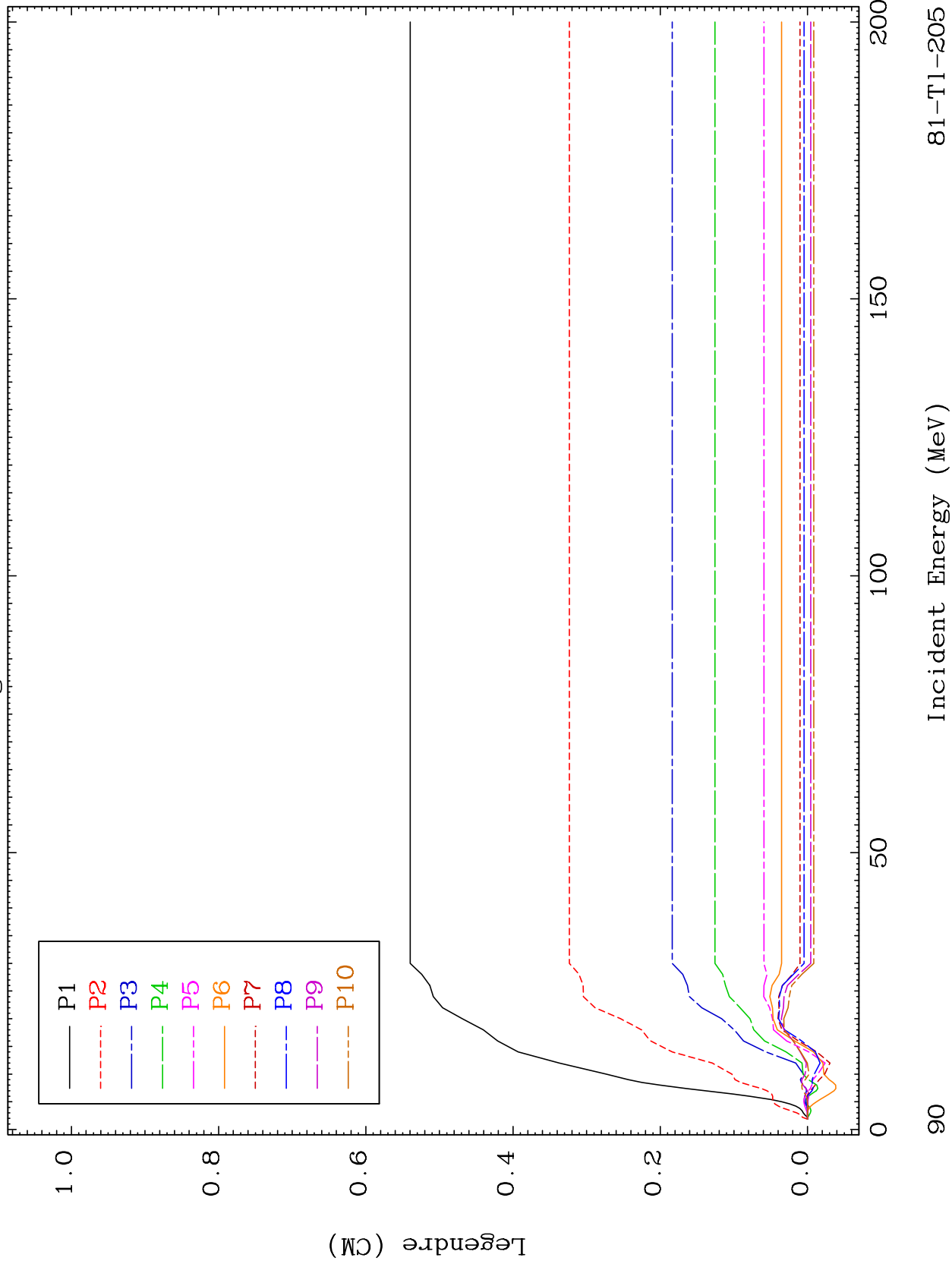
81-T1-205



MAT 8131

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

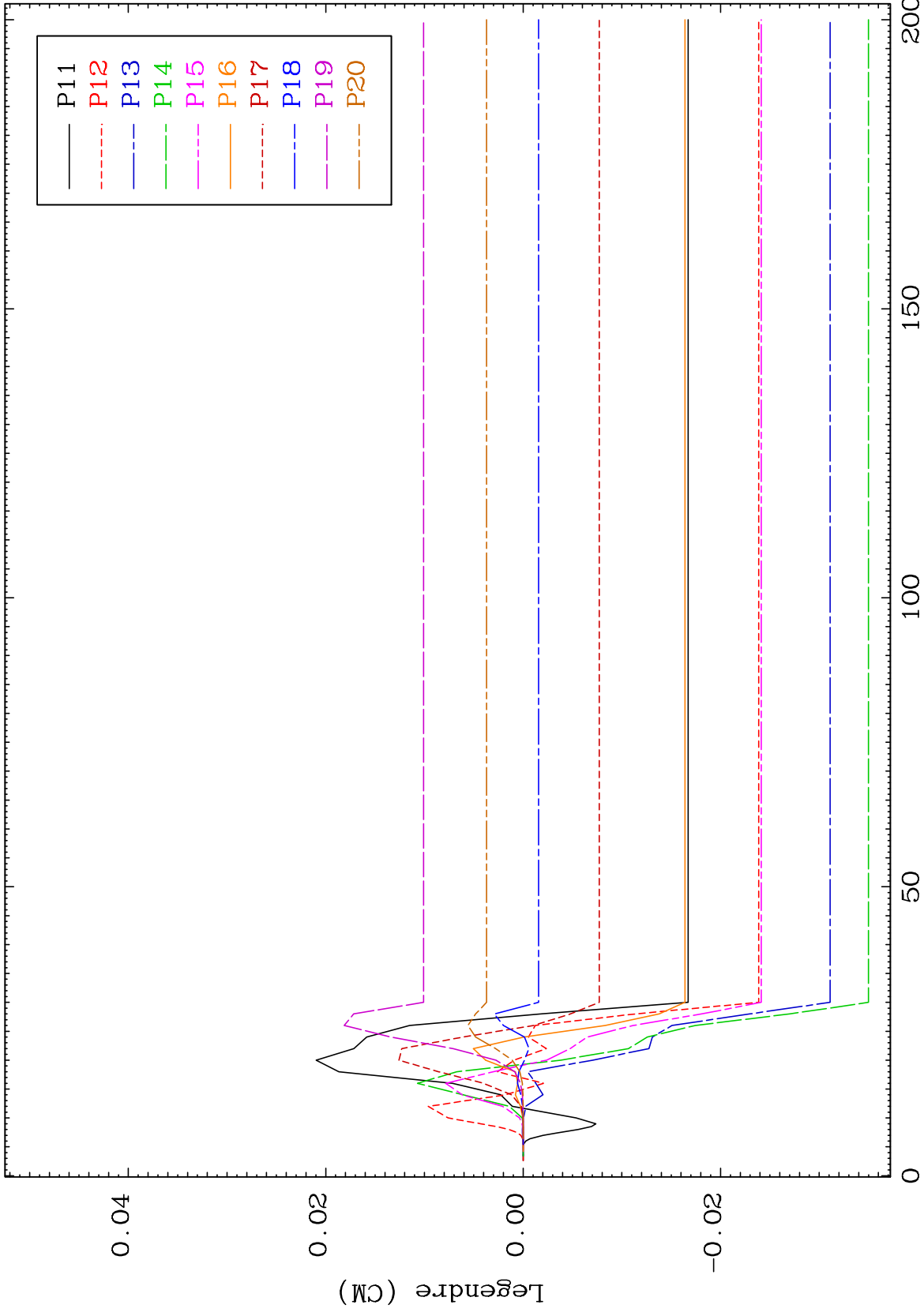
81-T1-205



MAT 8131

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

81-T1-205



91

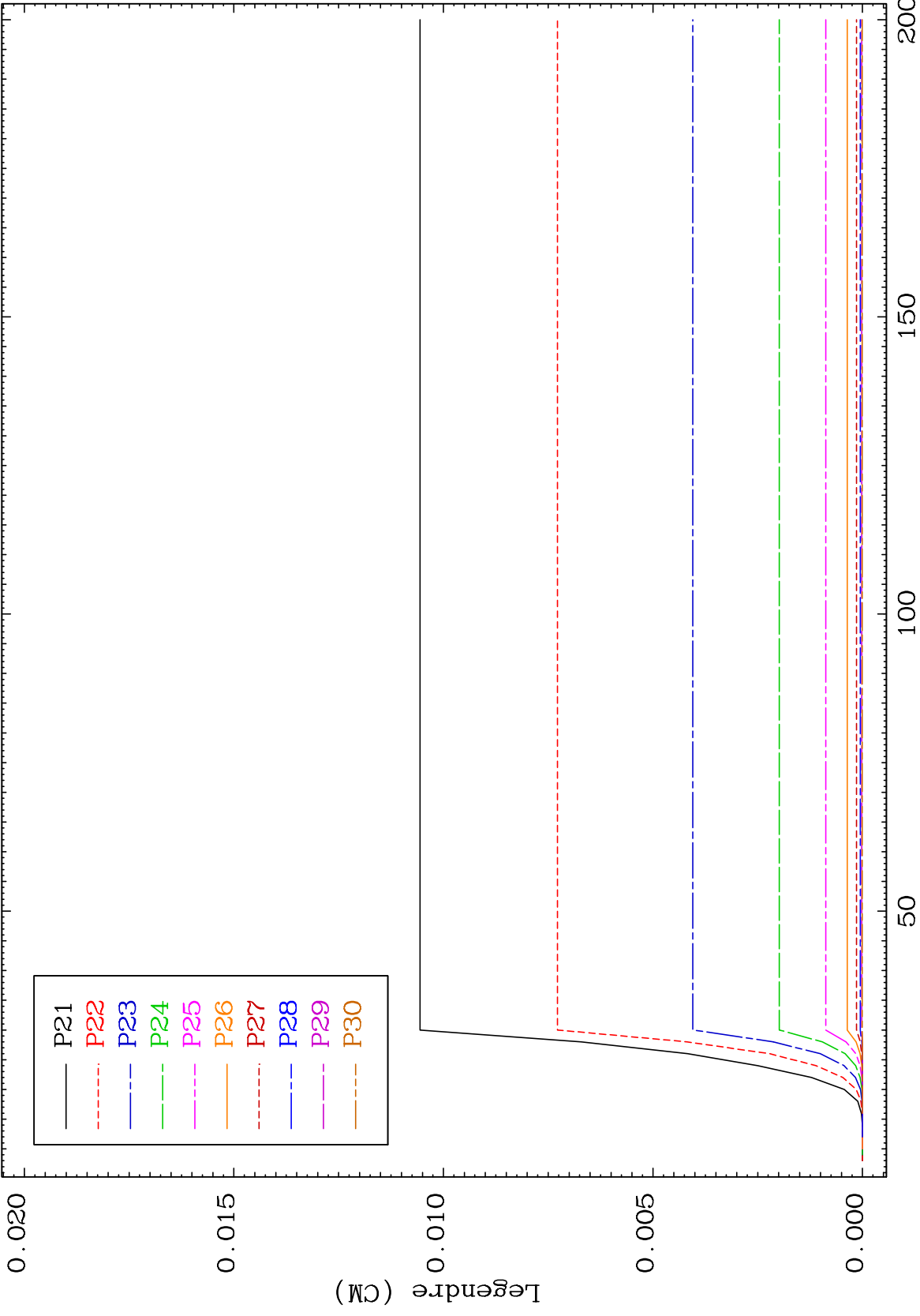
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



92

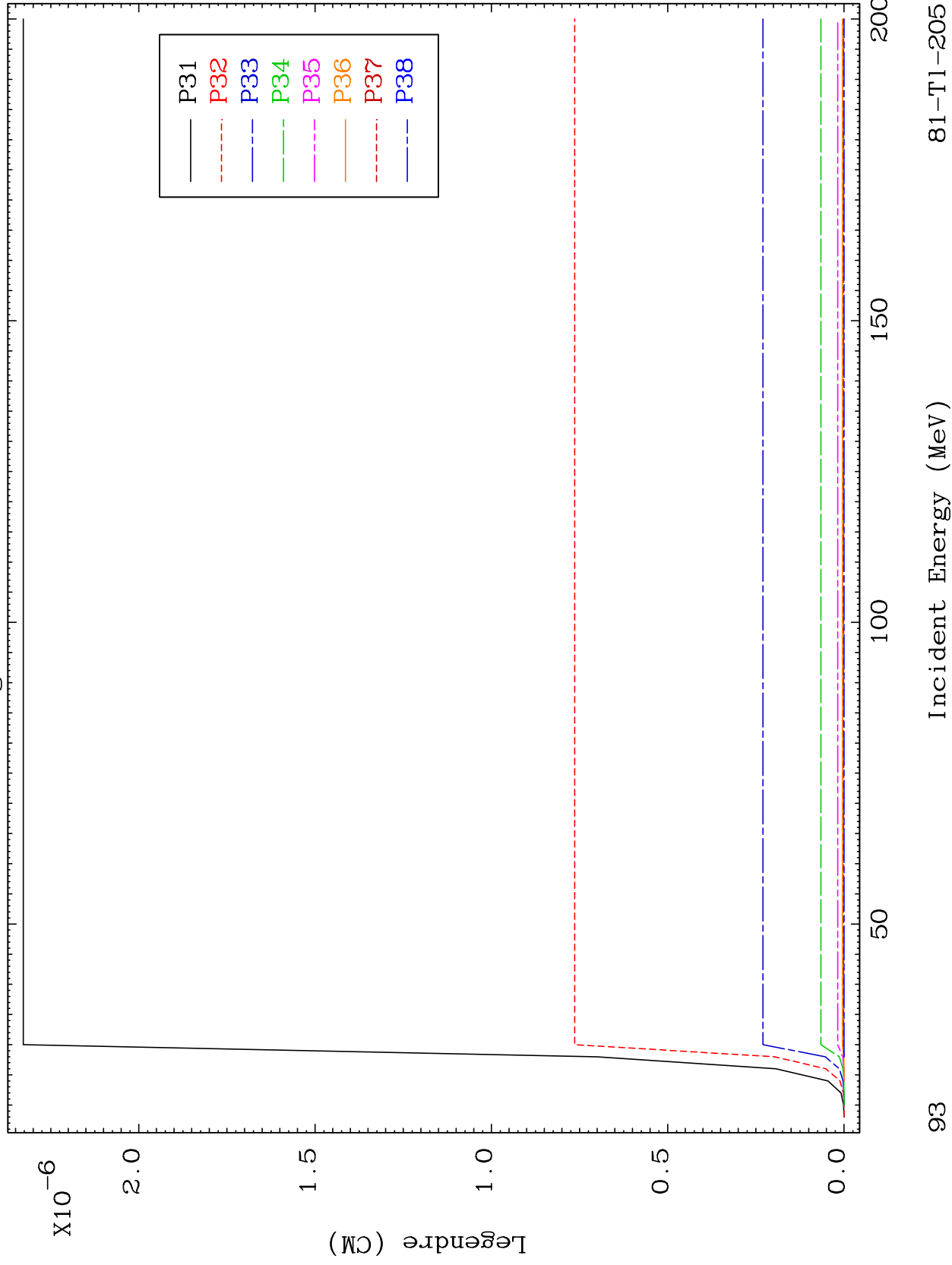
Incident Energy (MeV)

81-T1-205

MAT 8131

81-T1-205

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



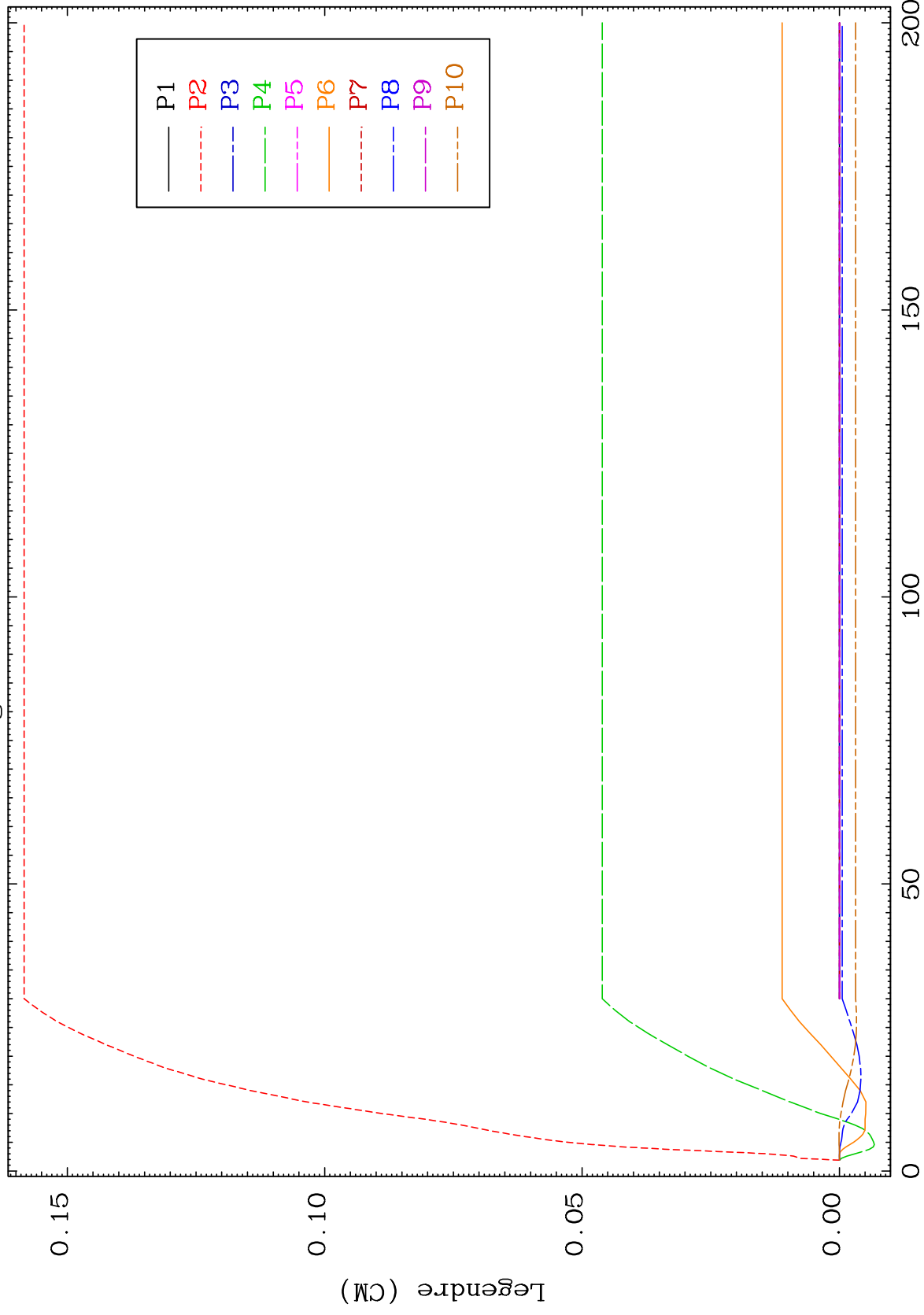
93

81-T1-205

MAT 8131

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

81-T1-205



94

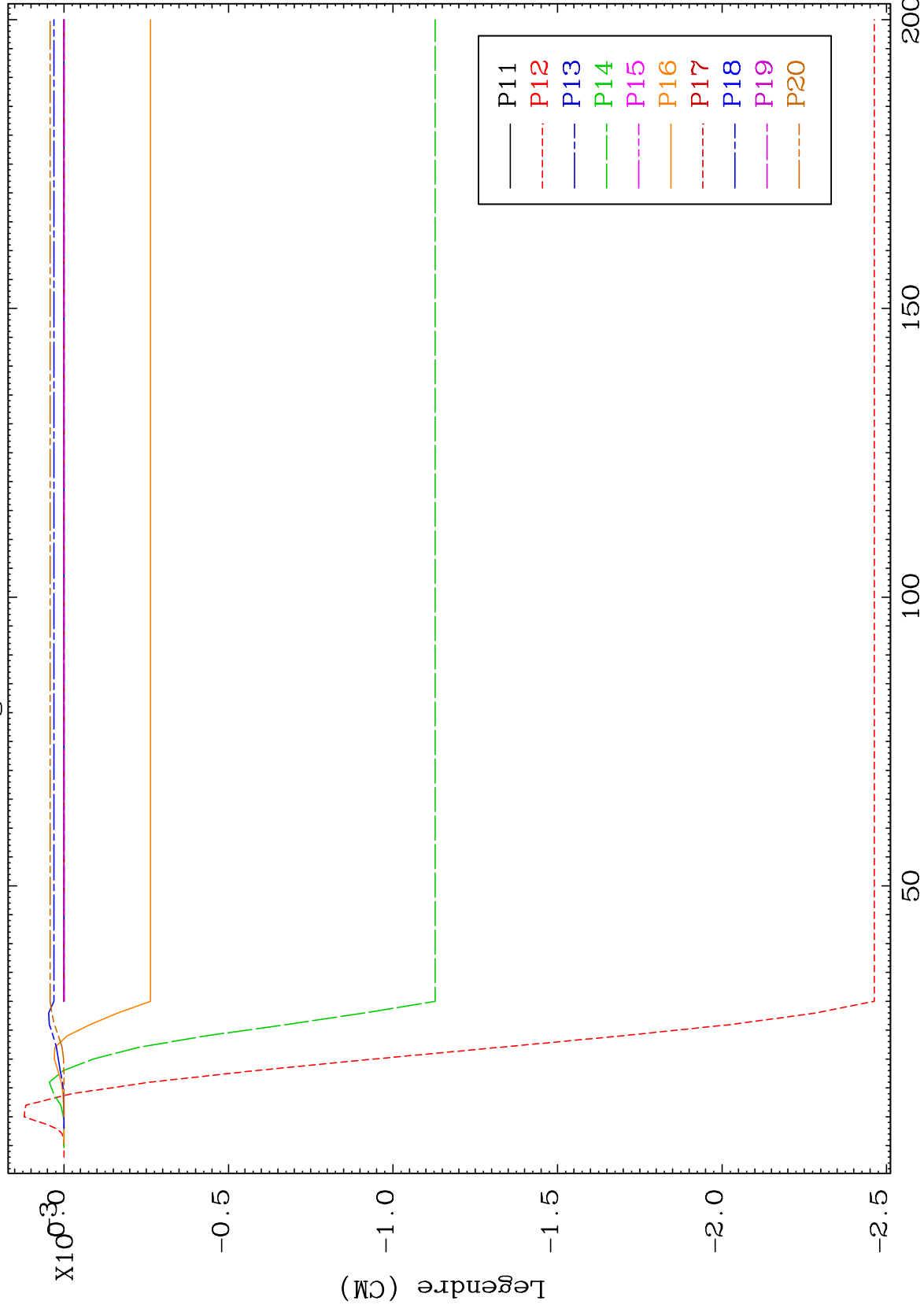
Incident Energy (MeV)

81-T1-205

MAT 8131

81-T1-205

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



95

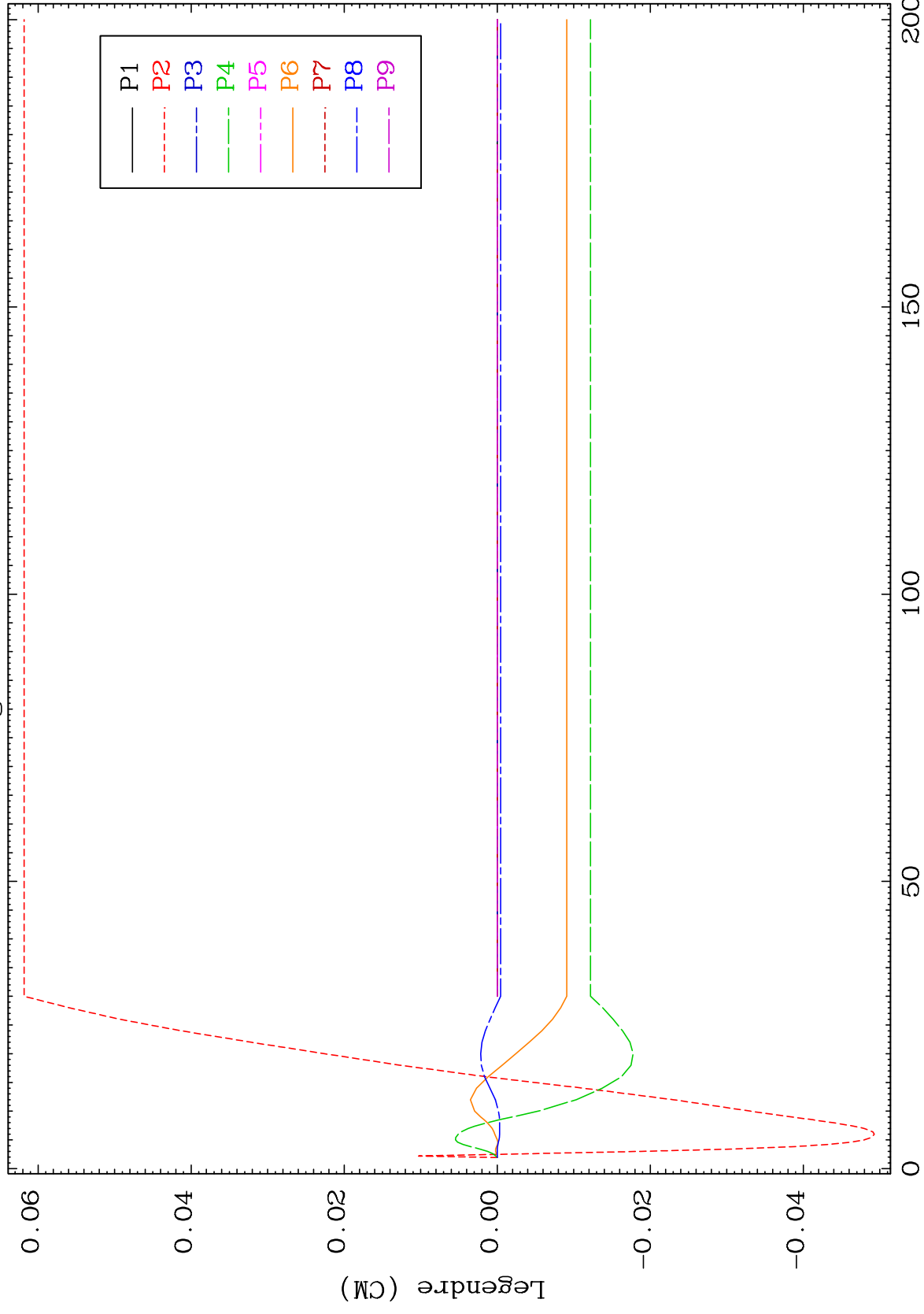
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



97

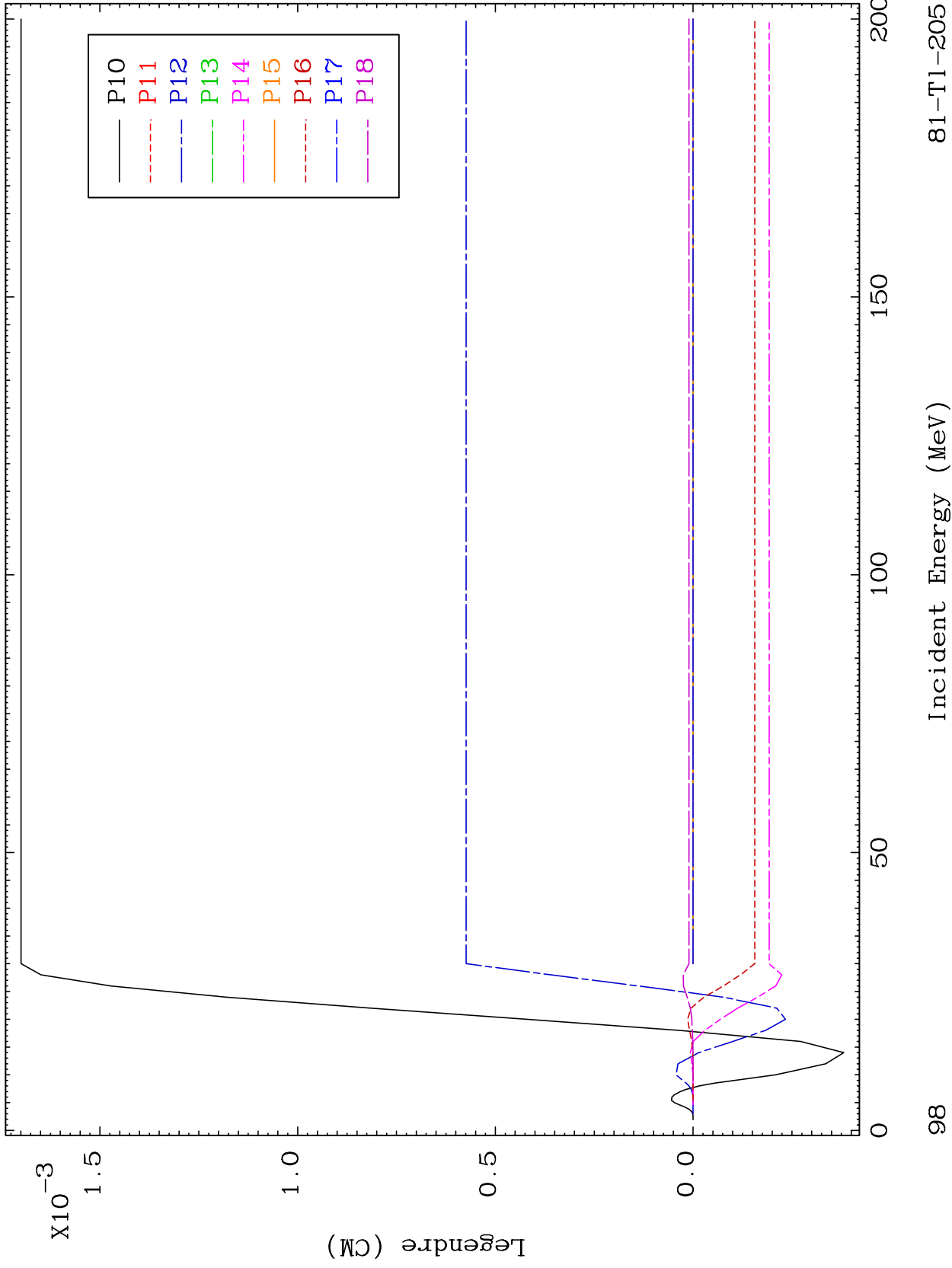
Incident Energy (MeV)

81-T1-205

MAT 8131

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

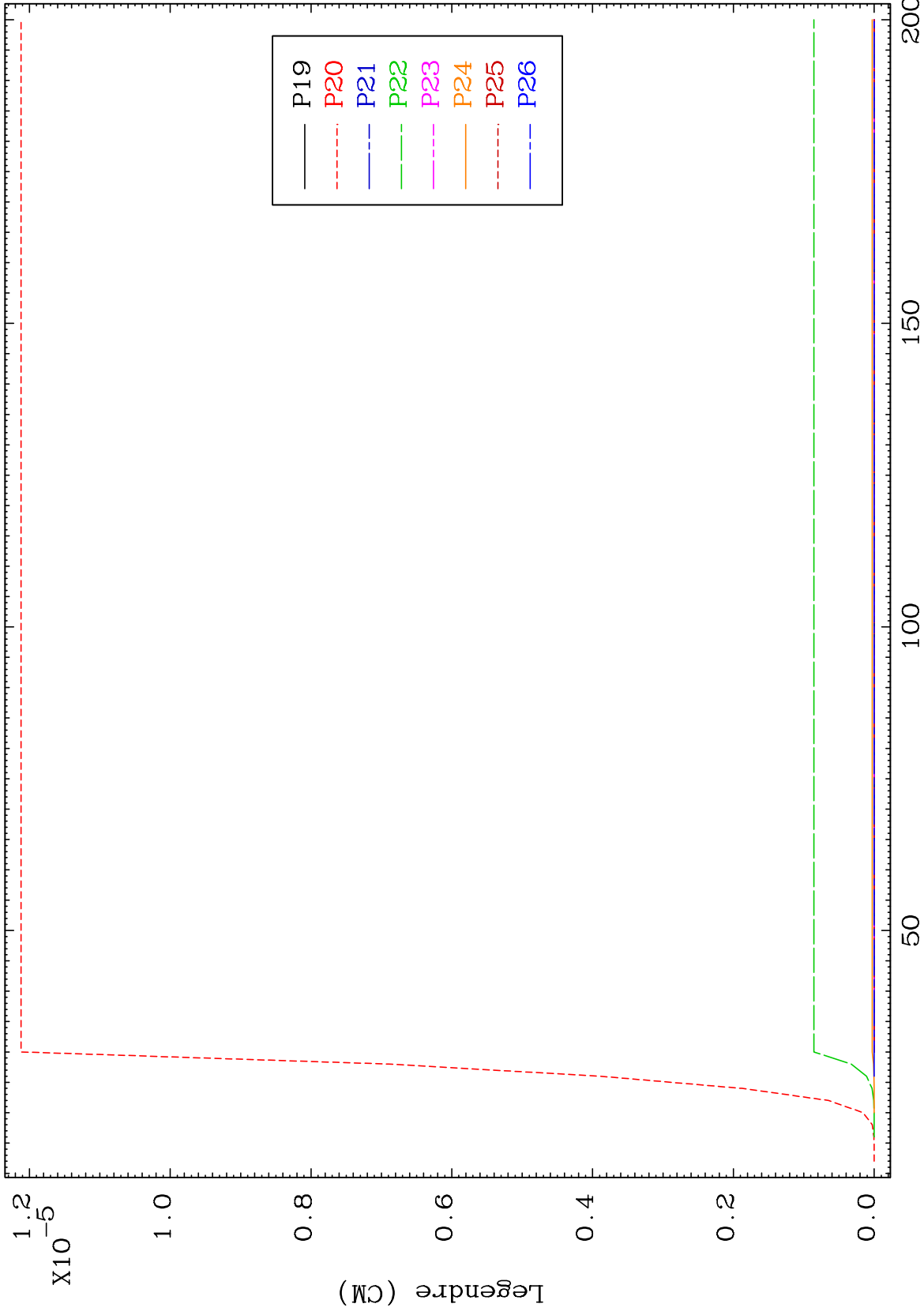
81-T1-205



MAT 8131

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

81-T1-205



99

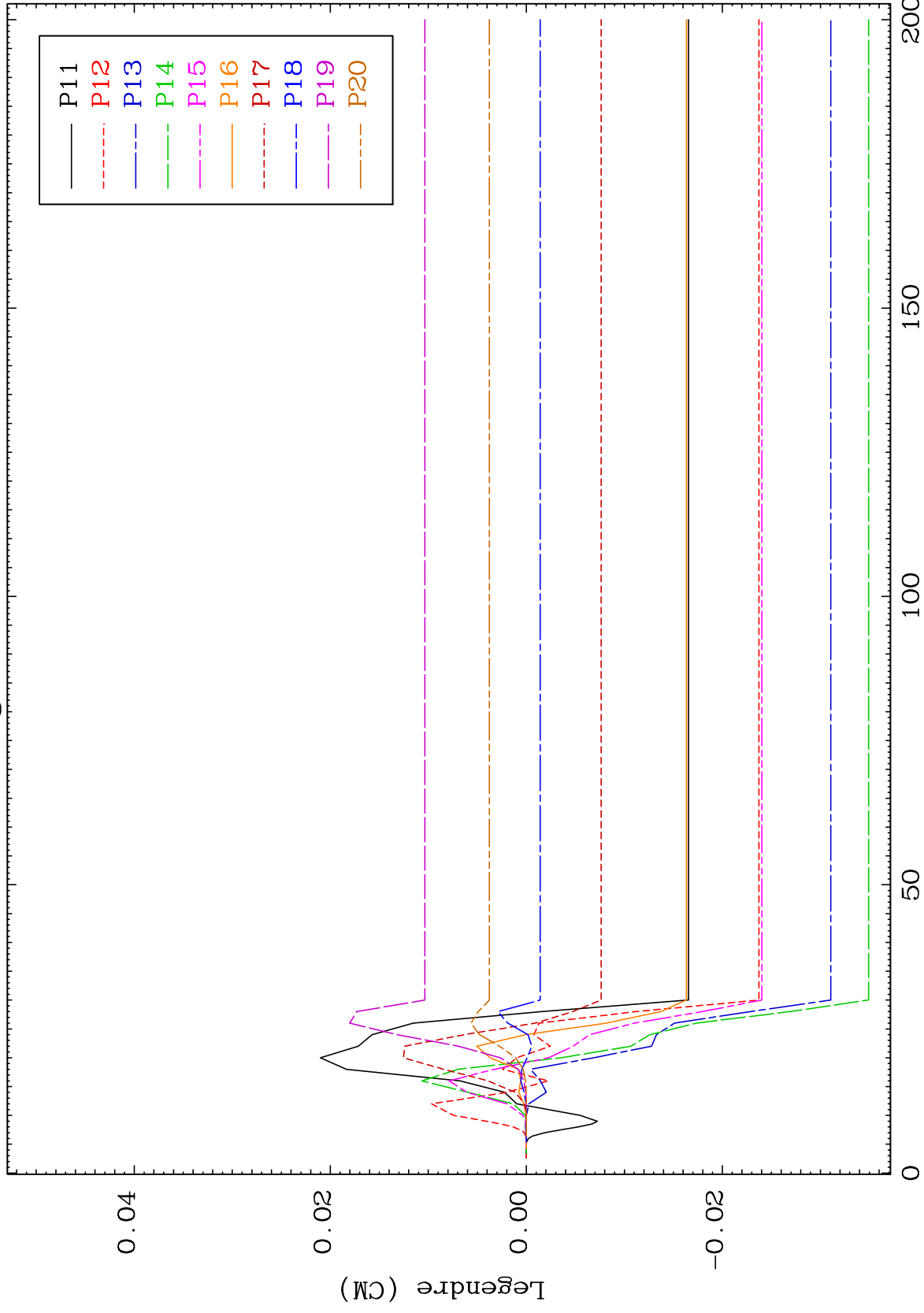
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



101

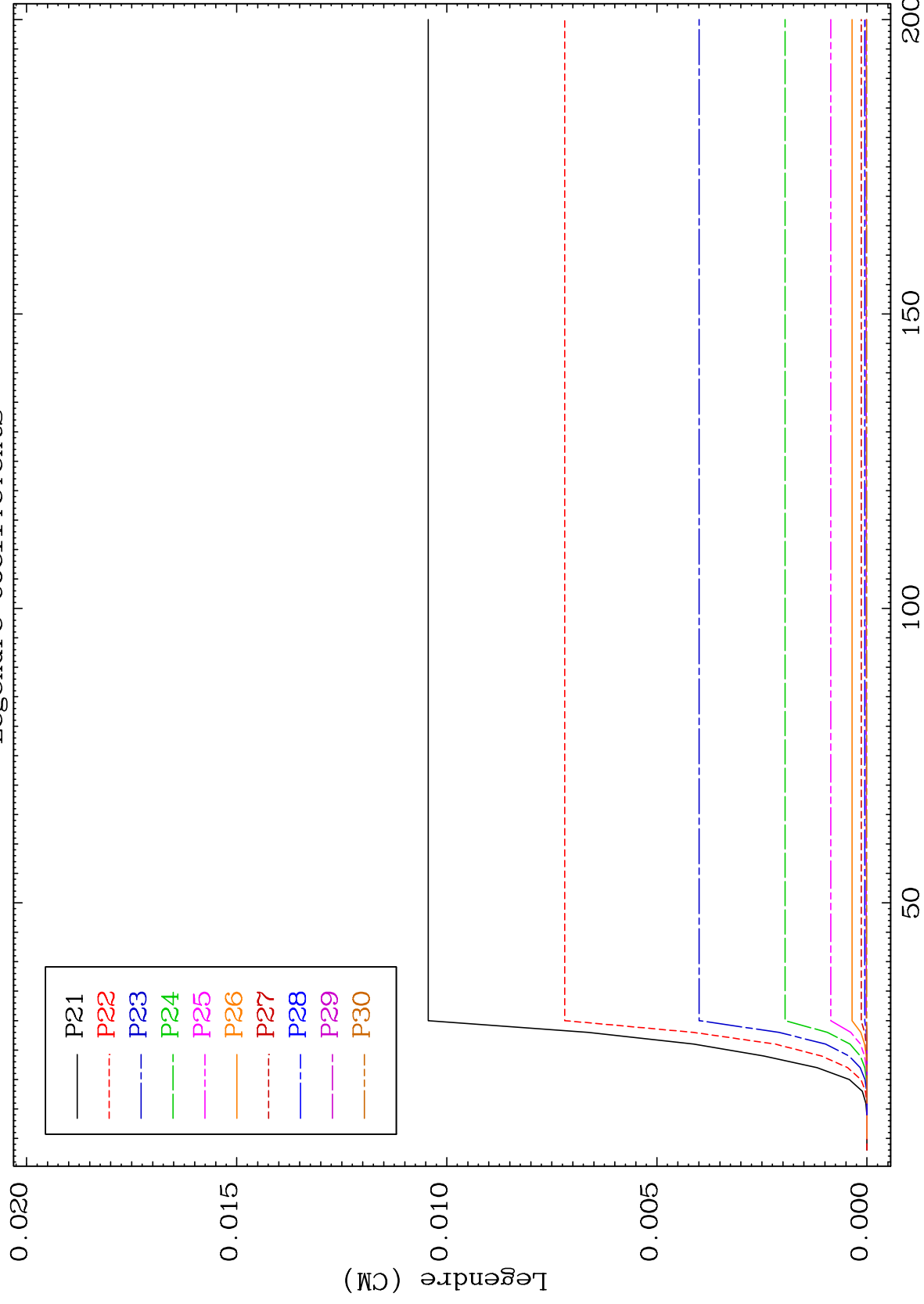
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



102

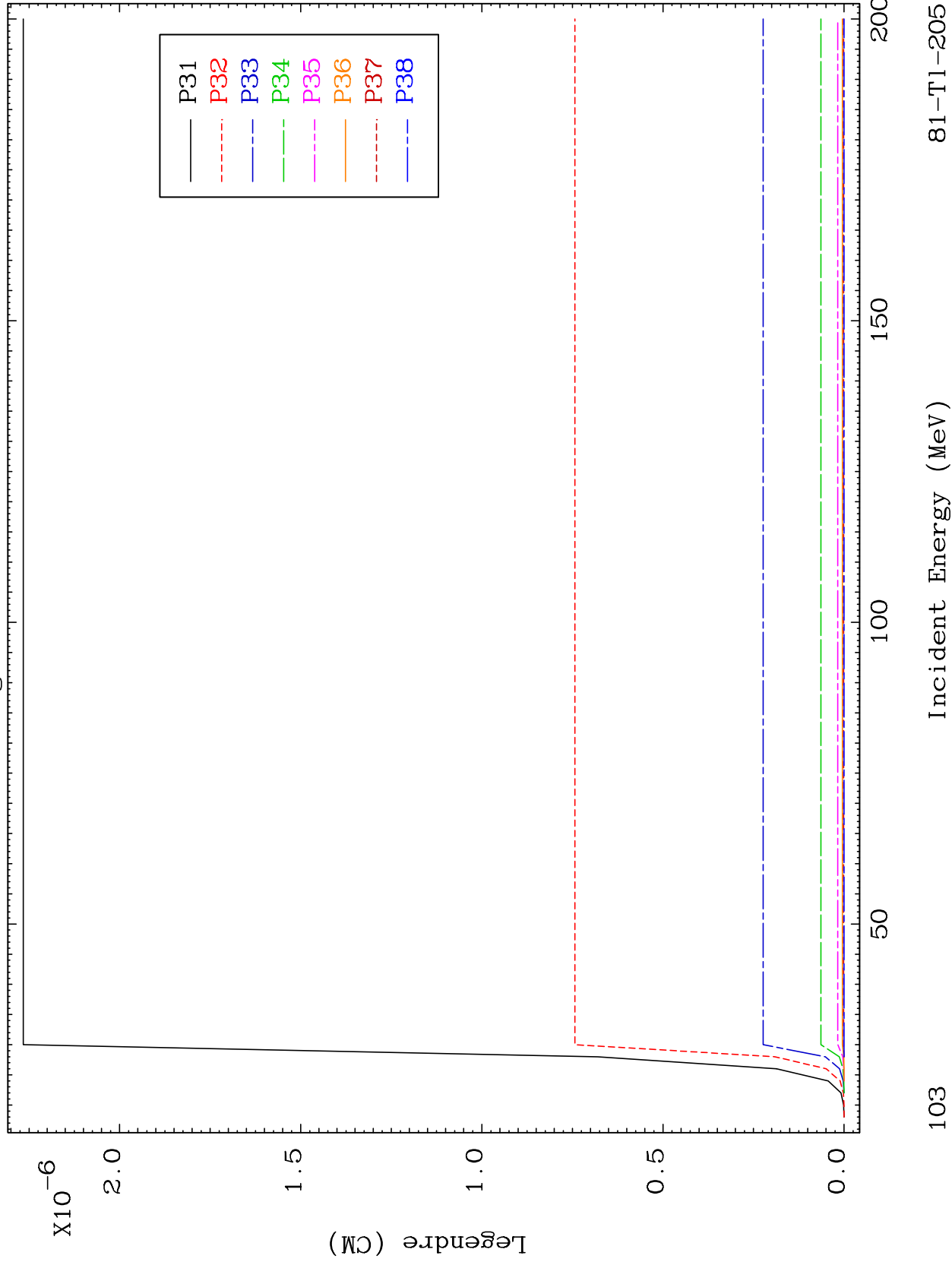
Incident Energy (MeV)

81-T1-205

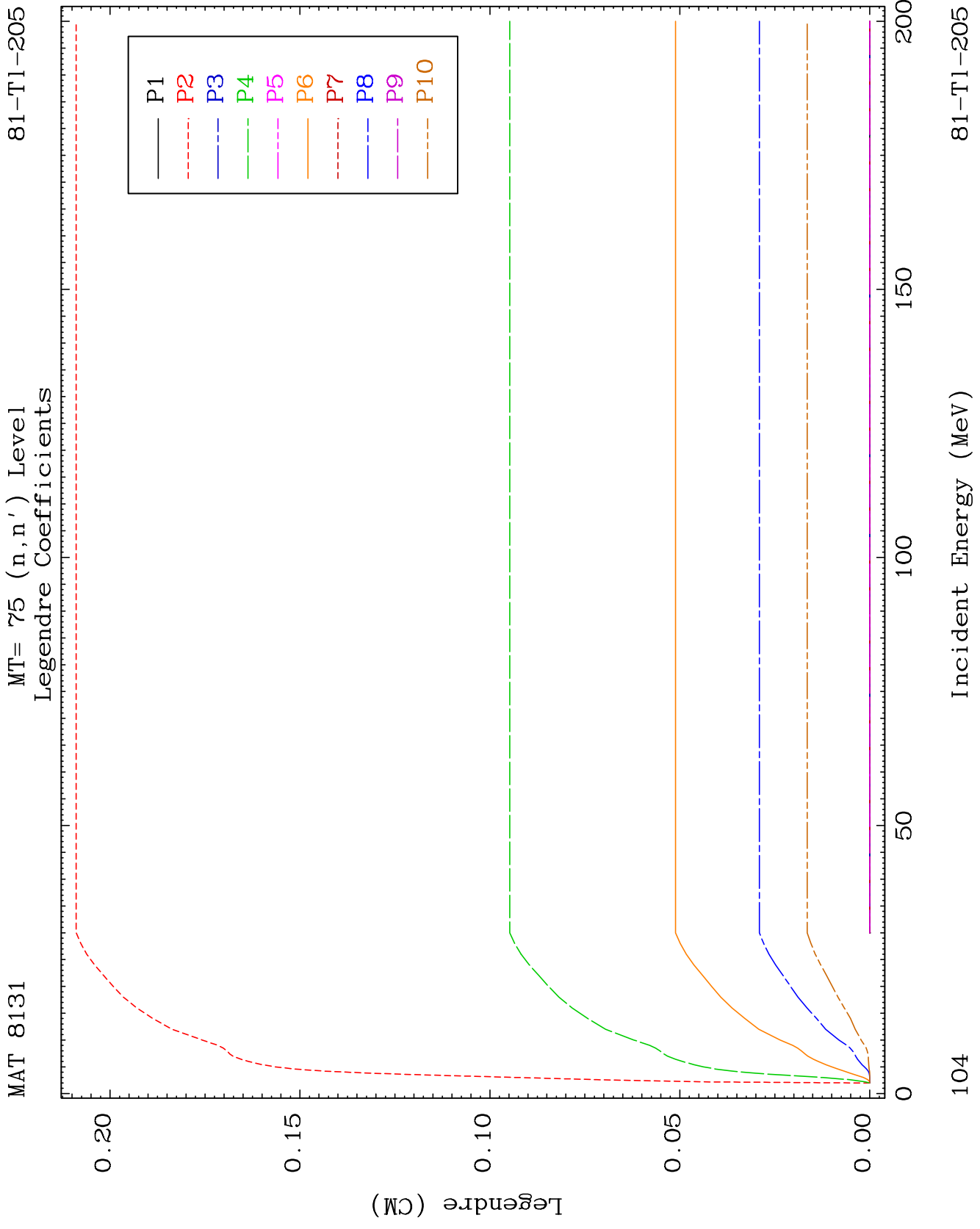
MAT 8131

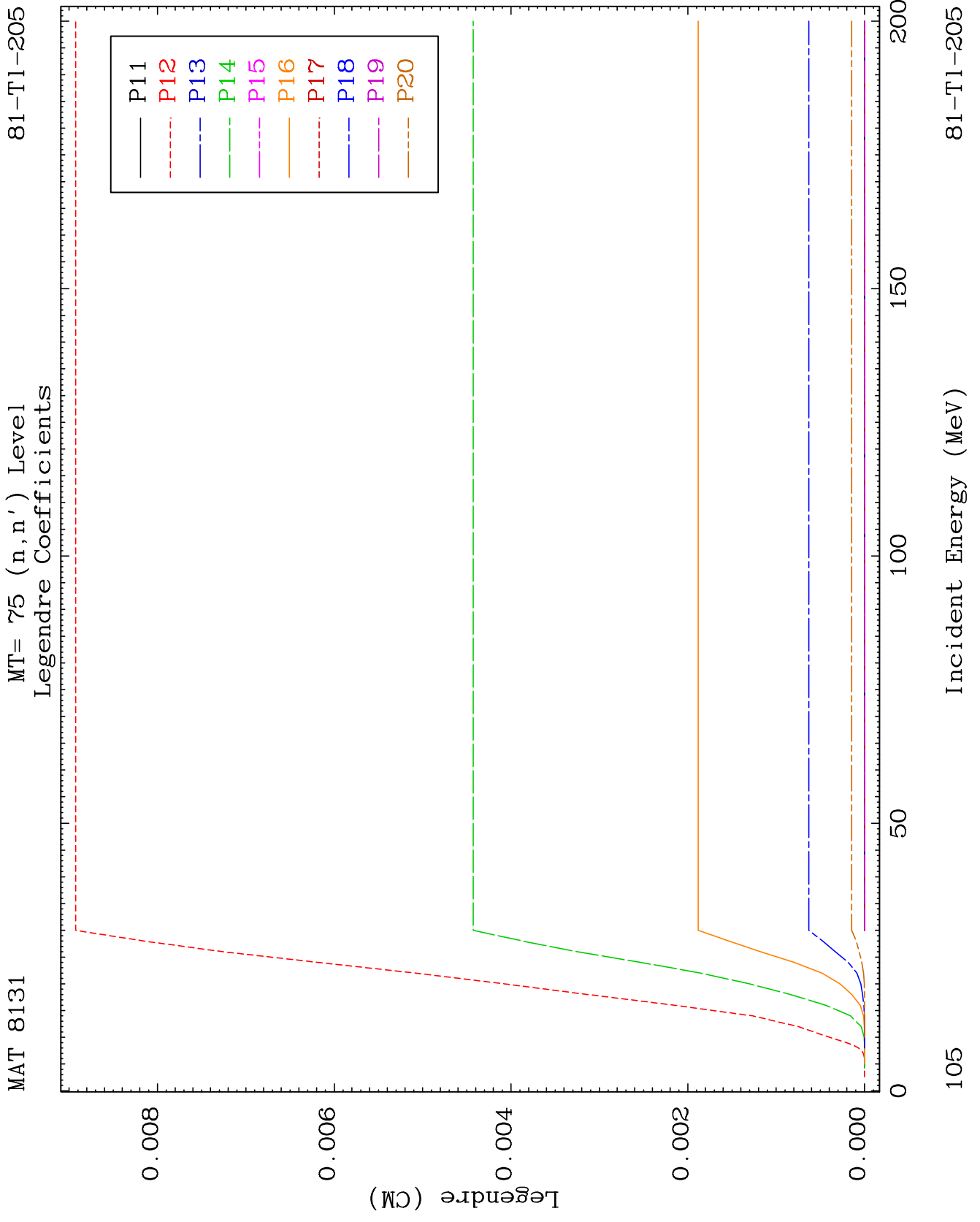
MT= 74 (n,n') Level
Legendre Coefficients

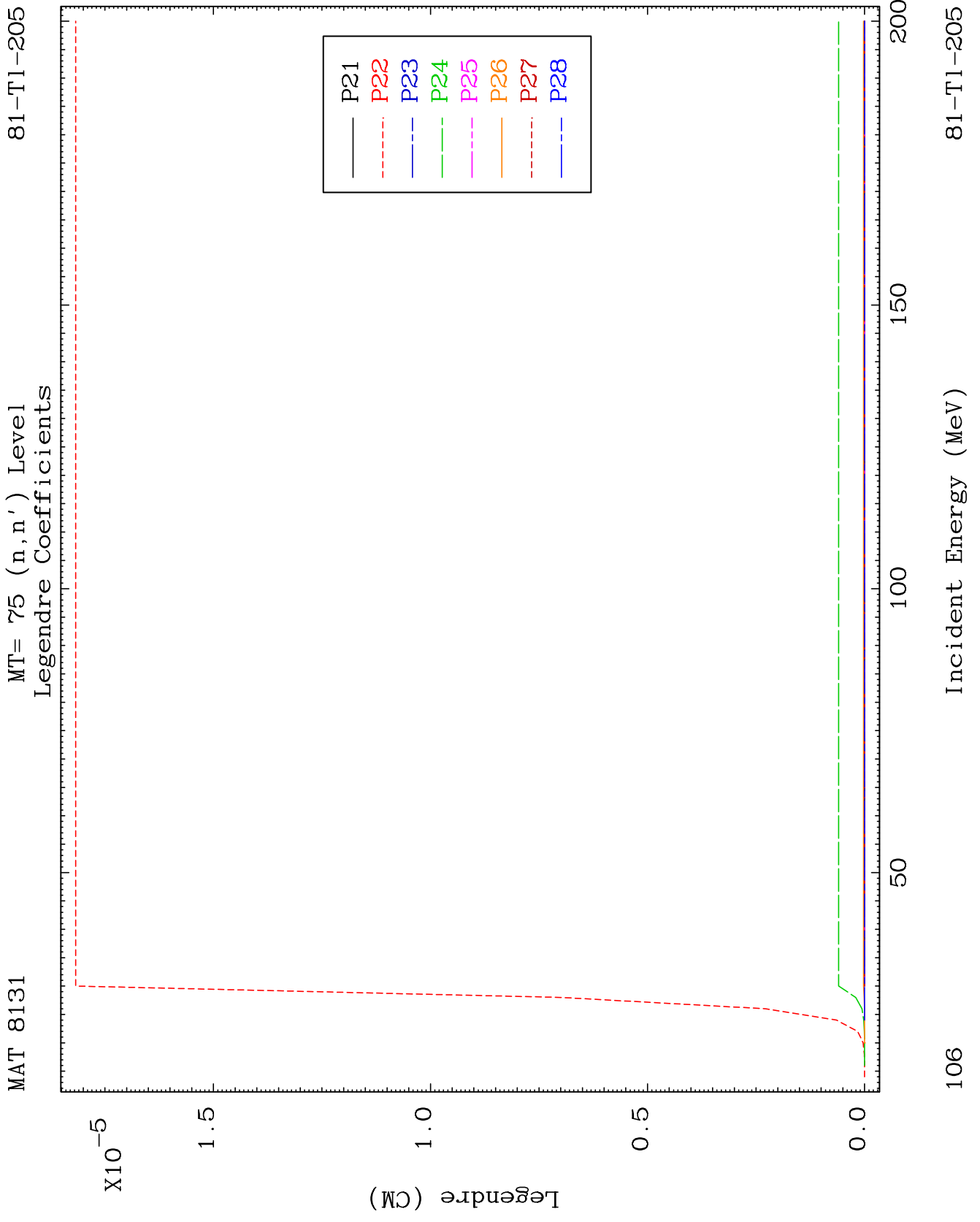
81-T1-205



103



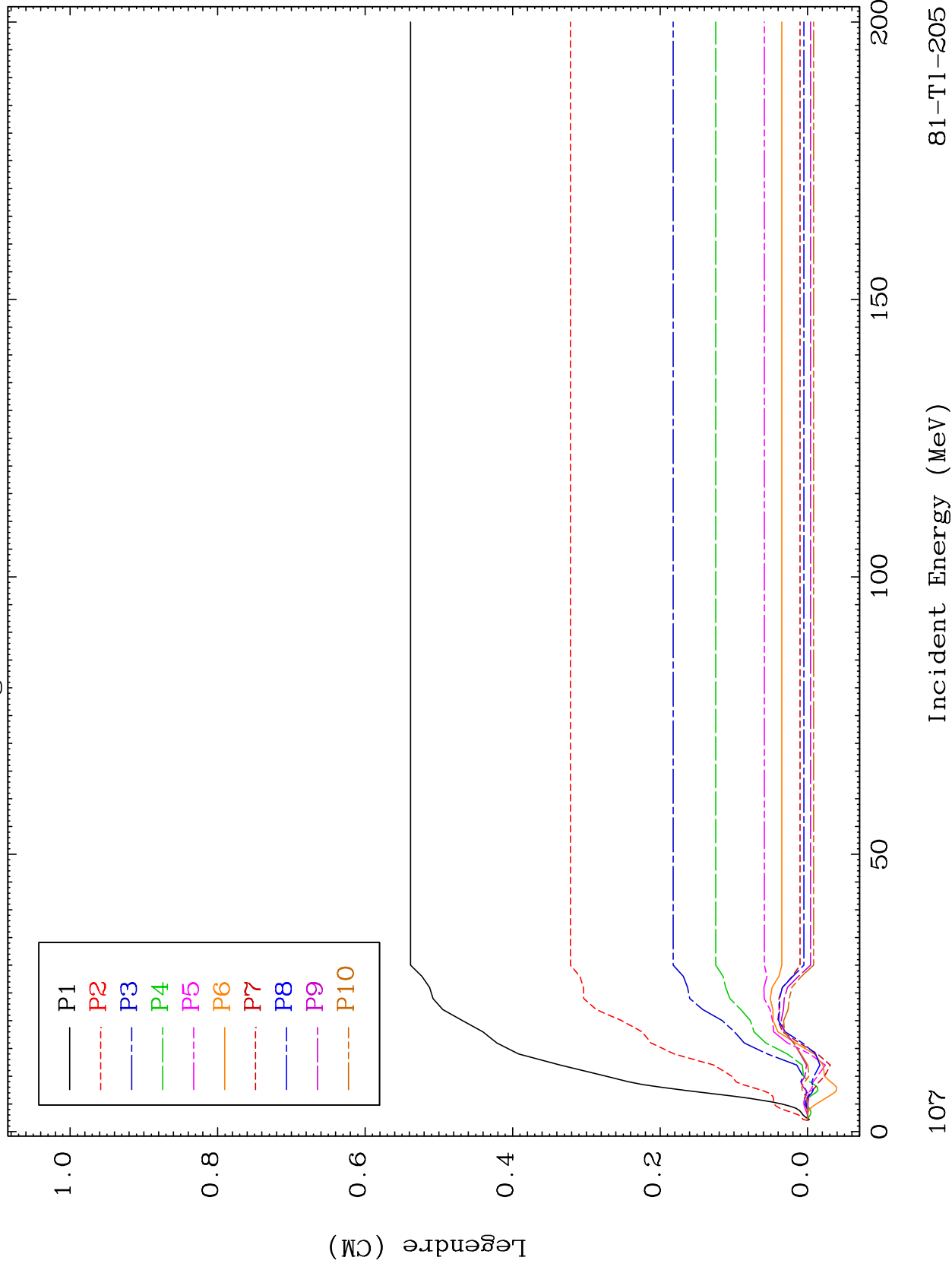




MAT 8131

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

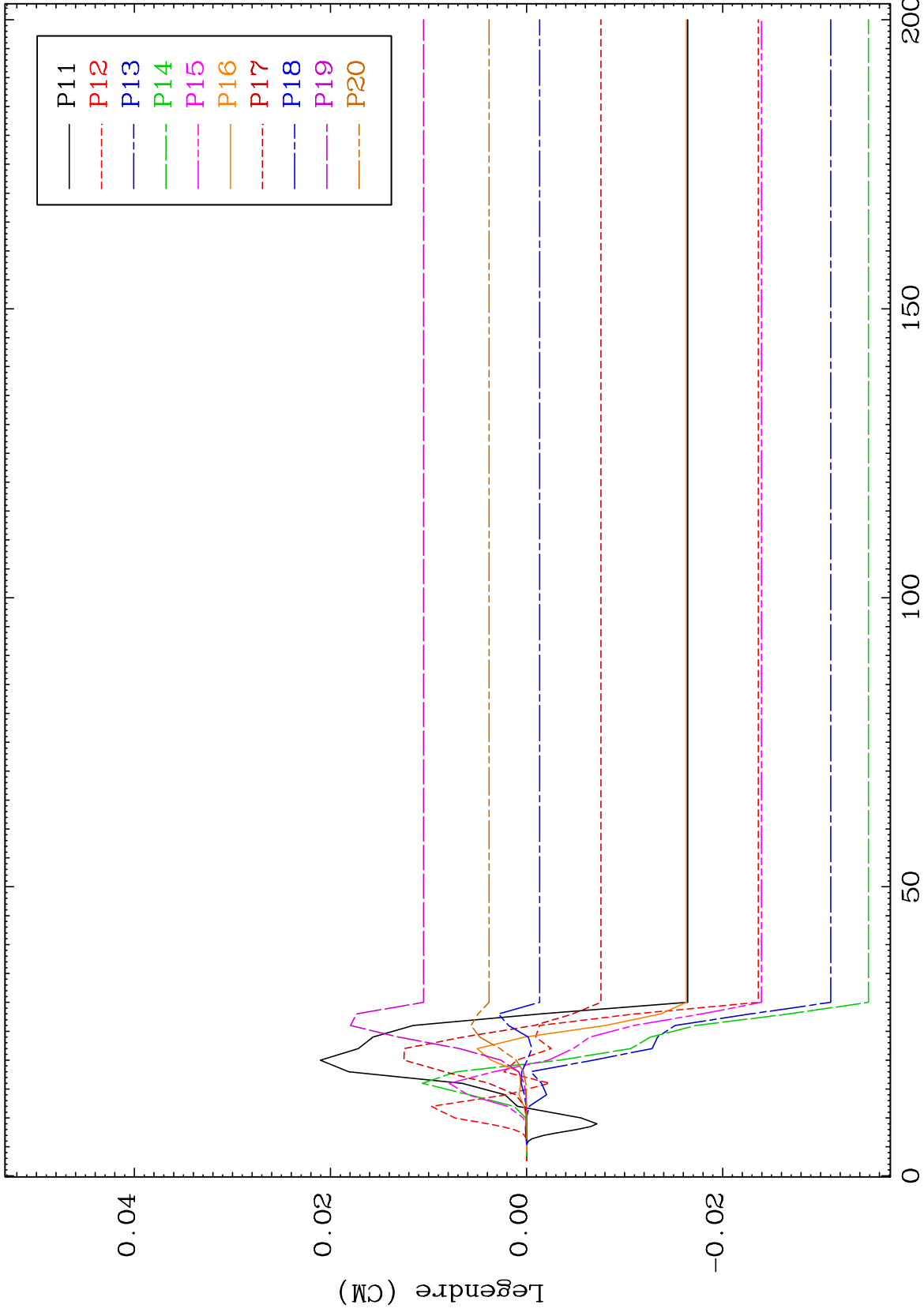
81-T1-205



MAT 8131

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

81-T1-205



108

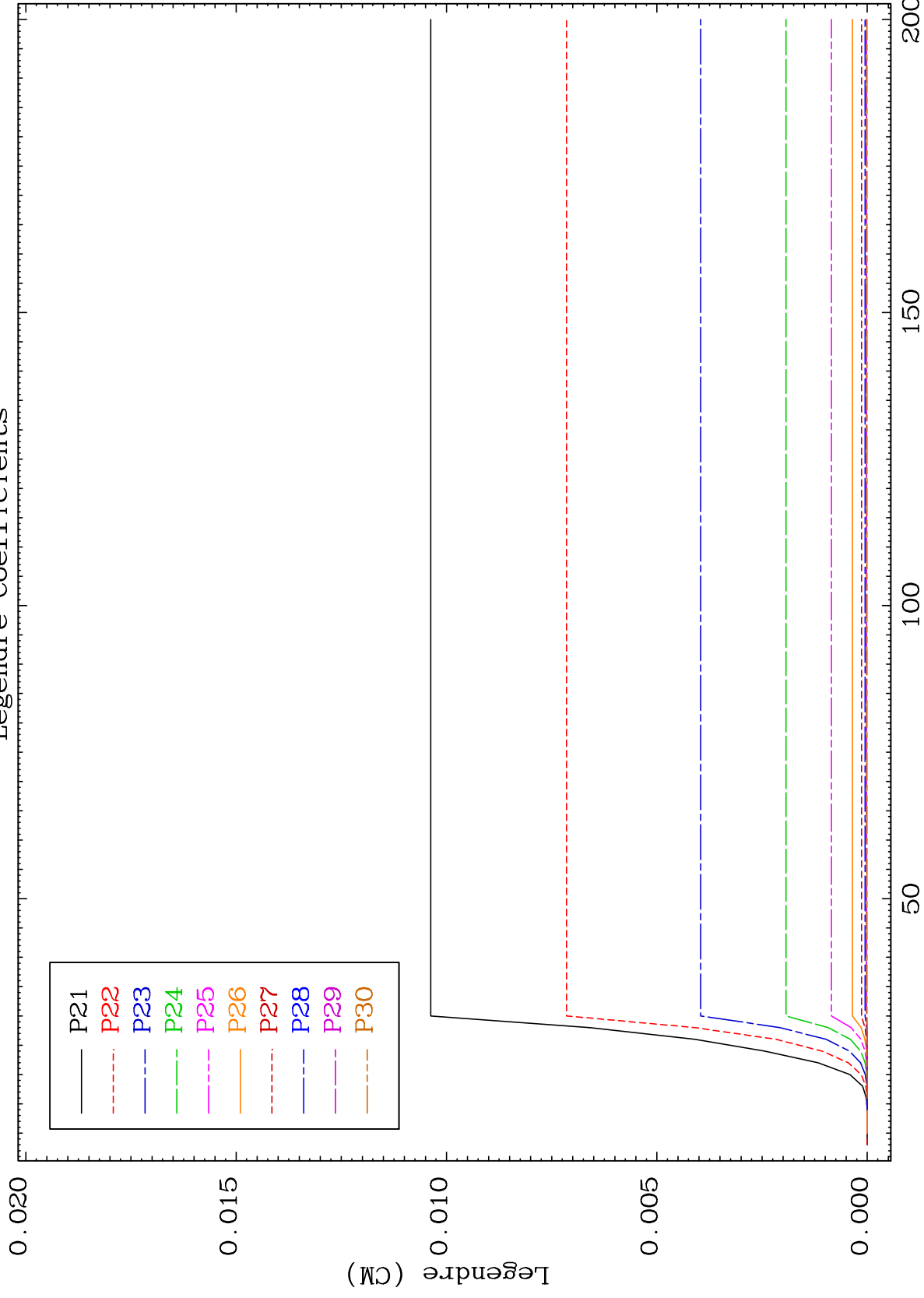
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



109

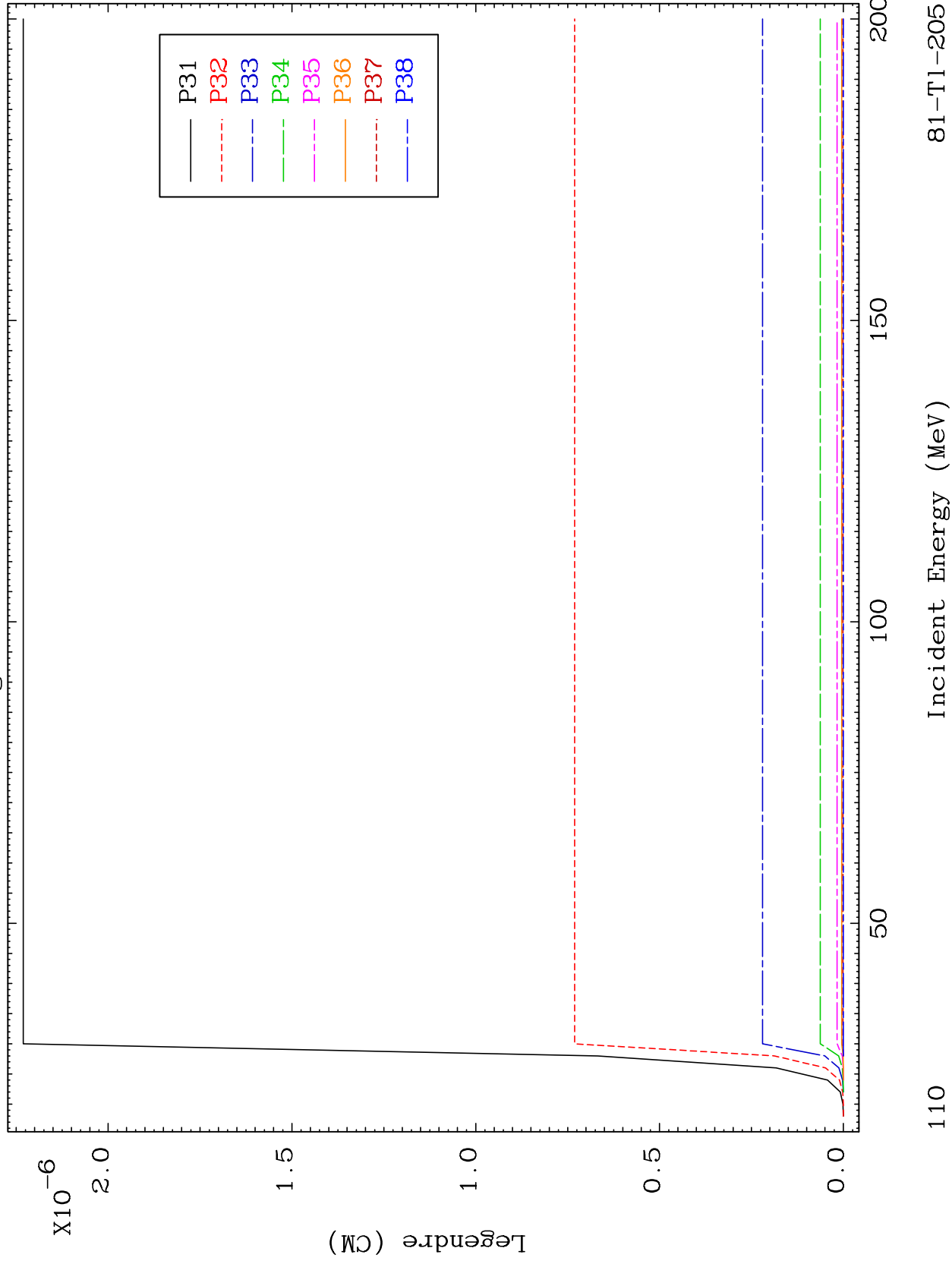
Incident Energy (MeV)

81-T1-205

MAT 8131

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

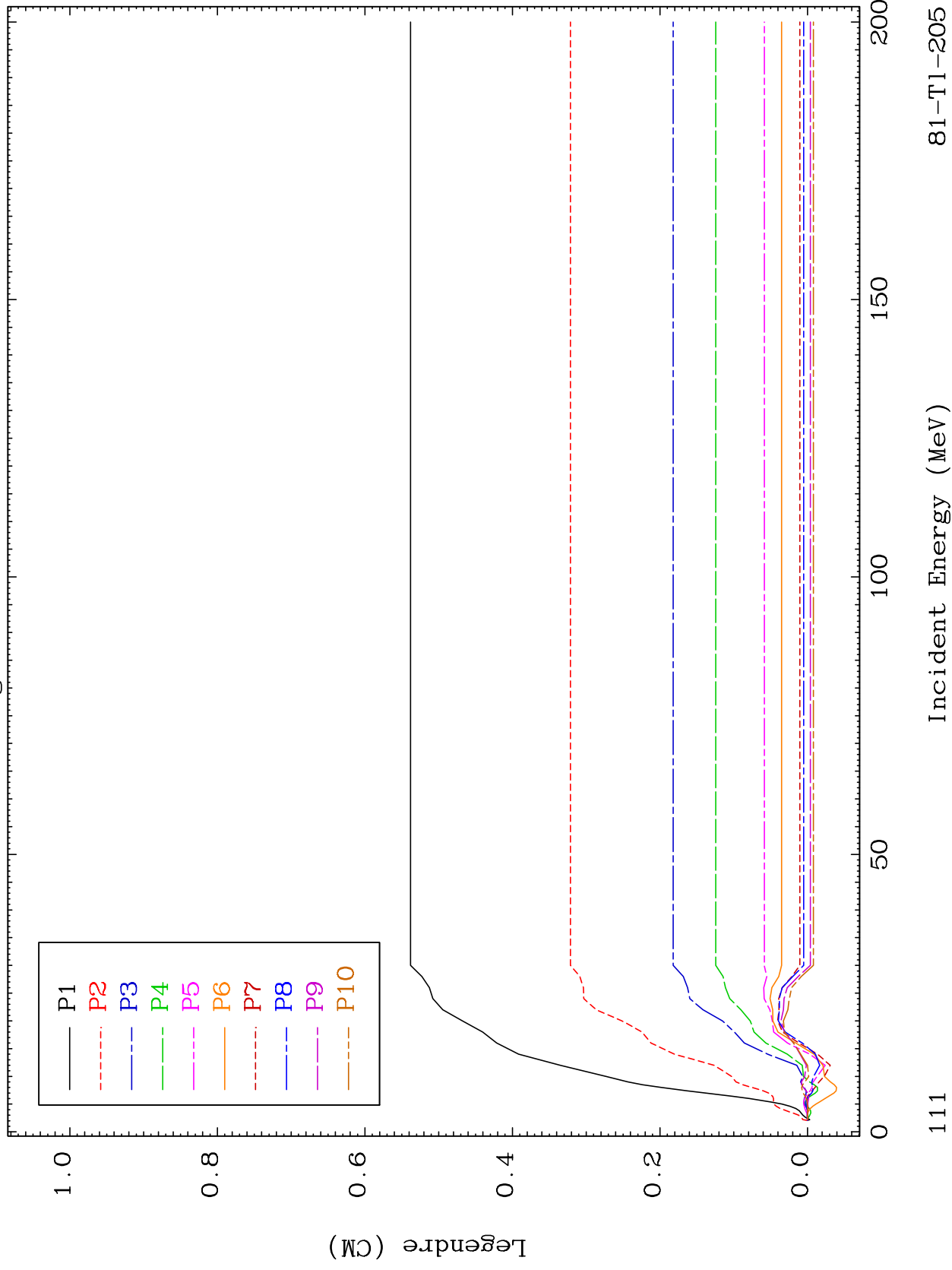
81-T1-205



MAT 8131

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

81-T1-205



111

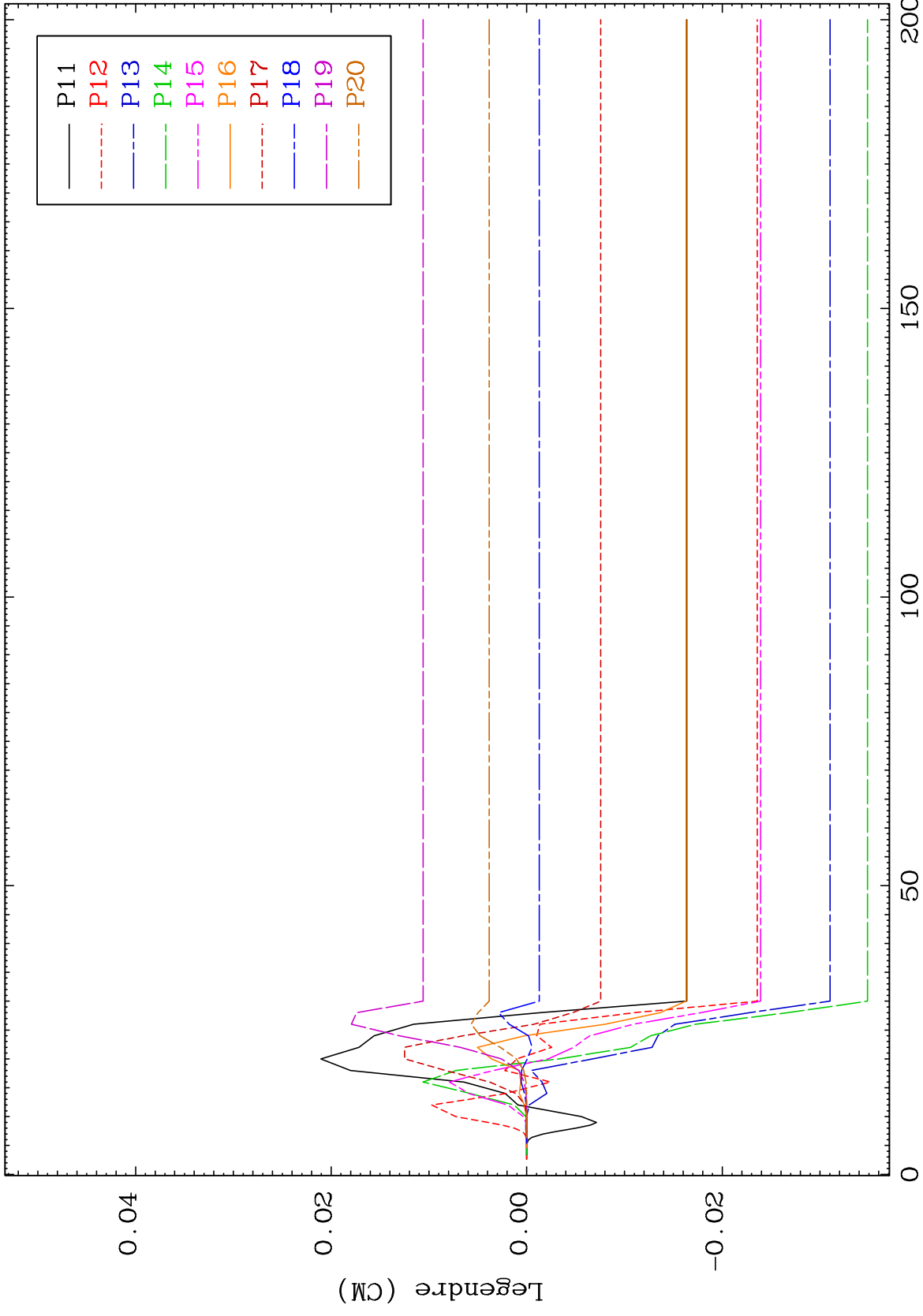
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



112

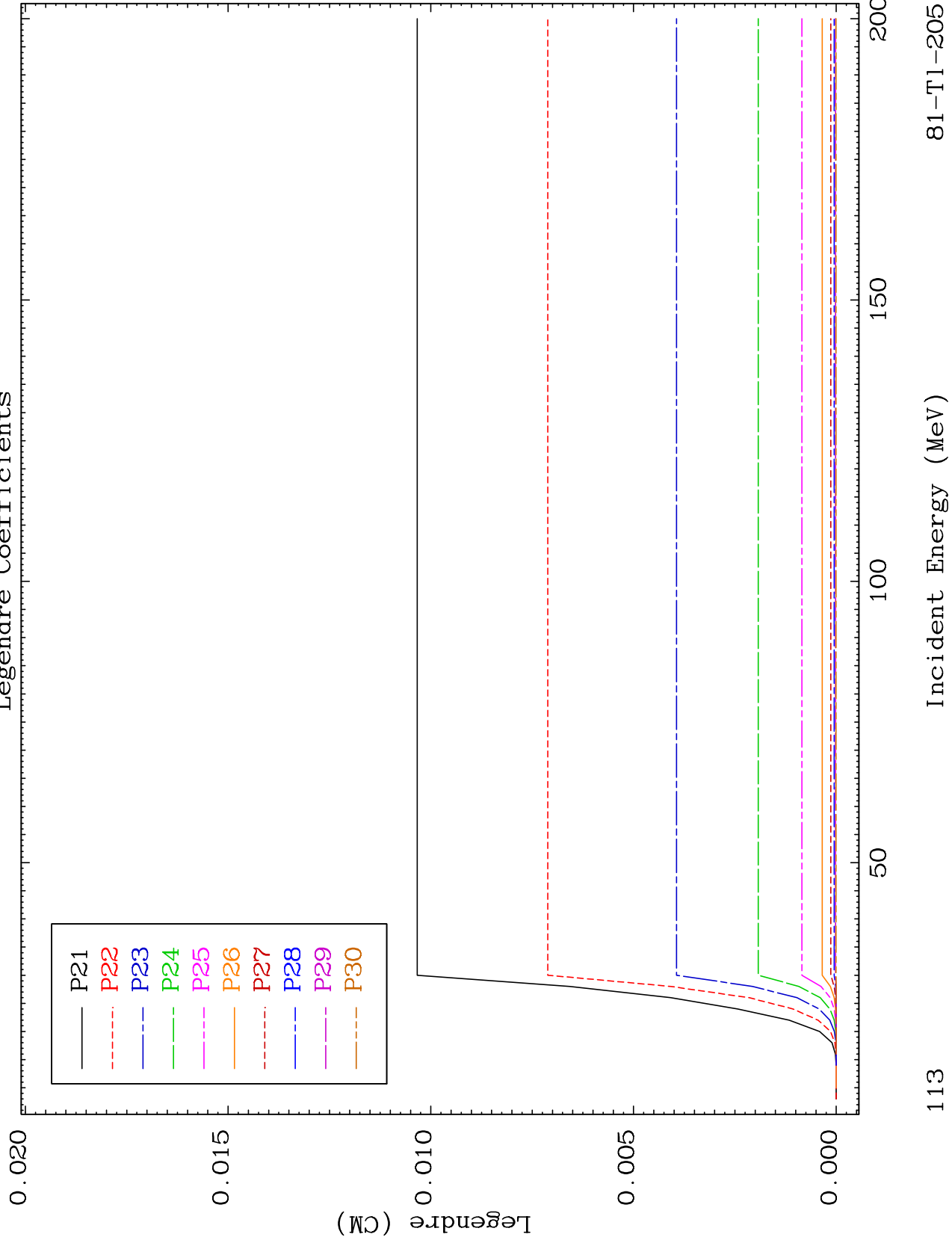
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



113

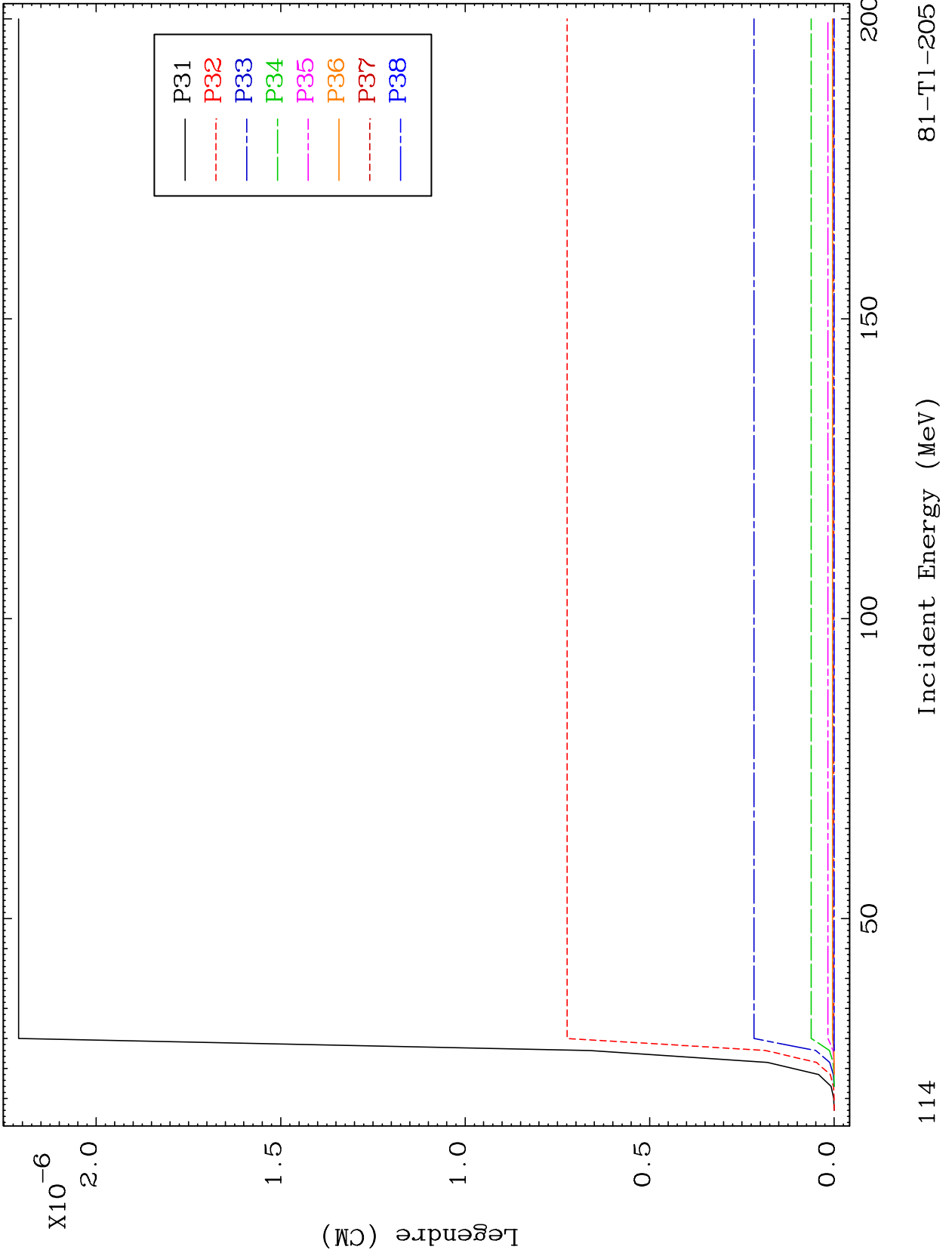
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



114

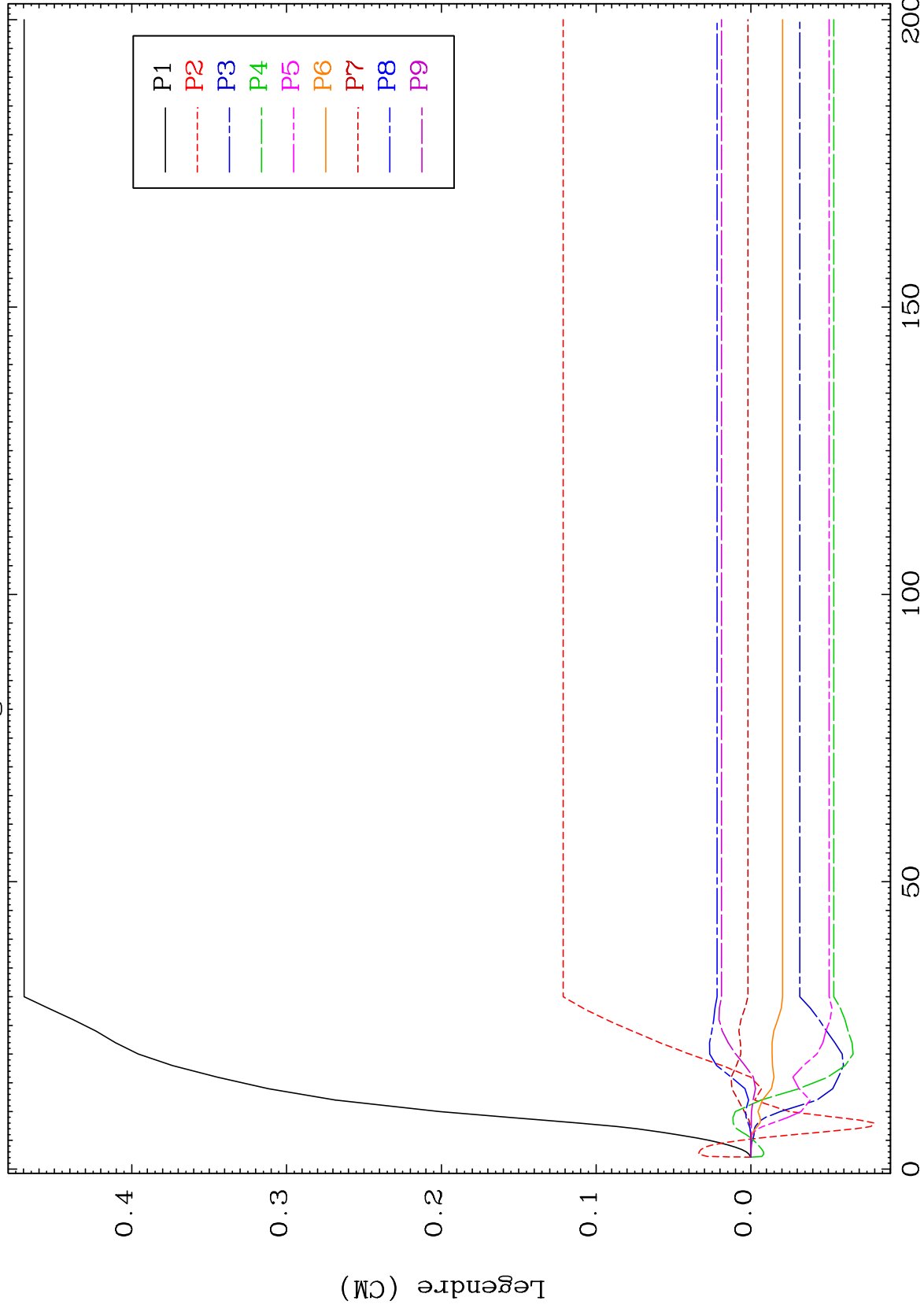
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



115

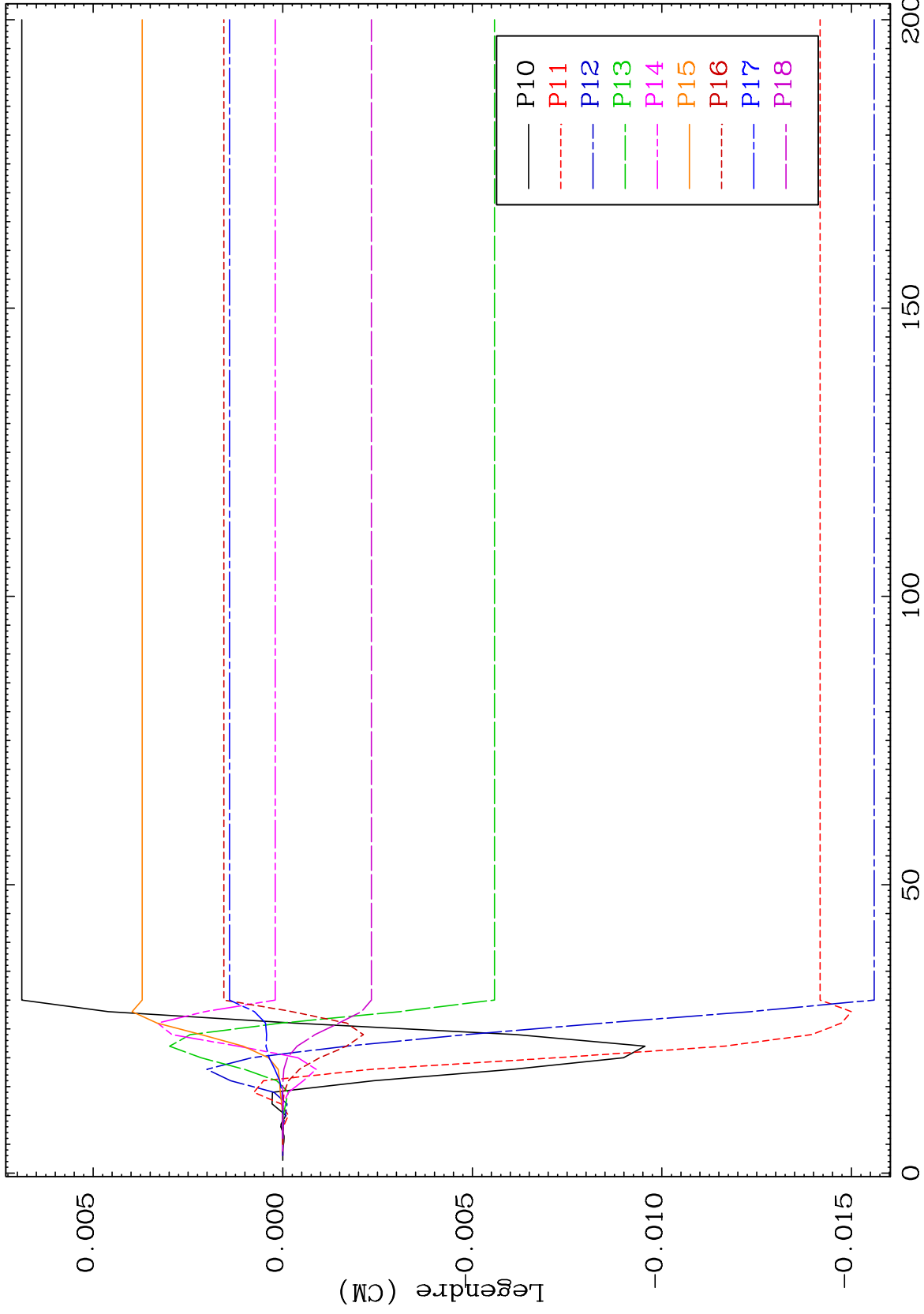
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



116

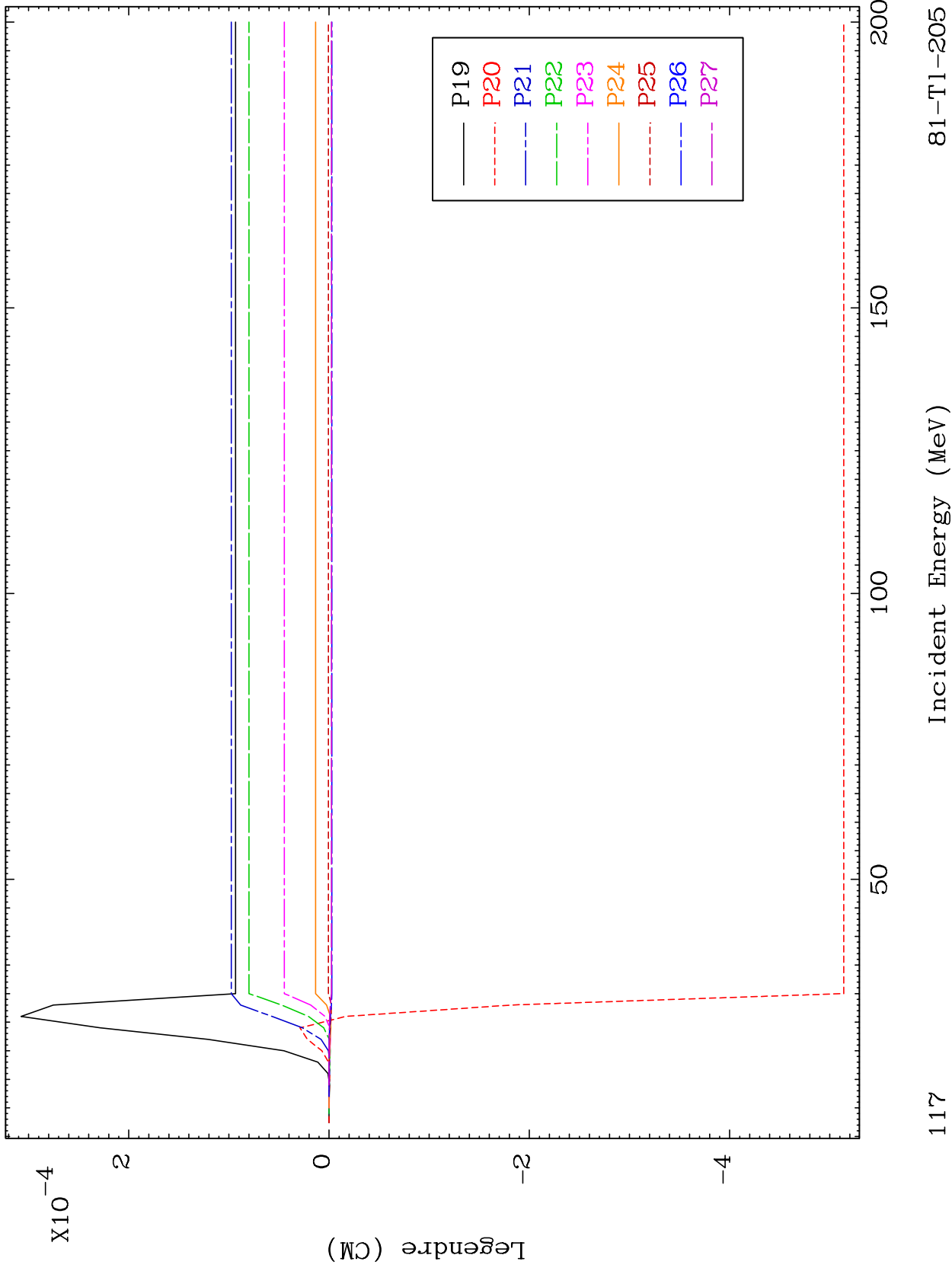
Incident Energy (MeV)

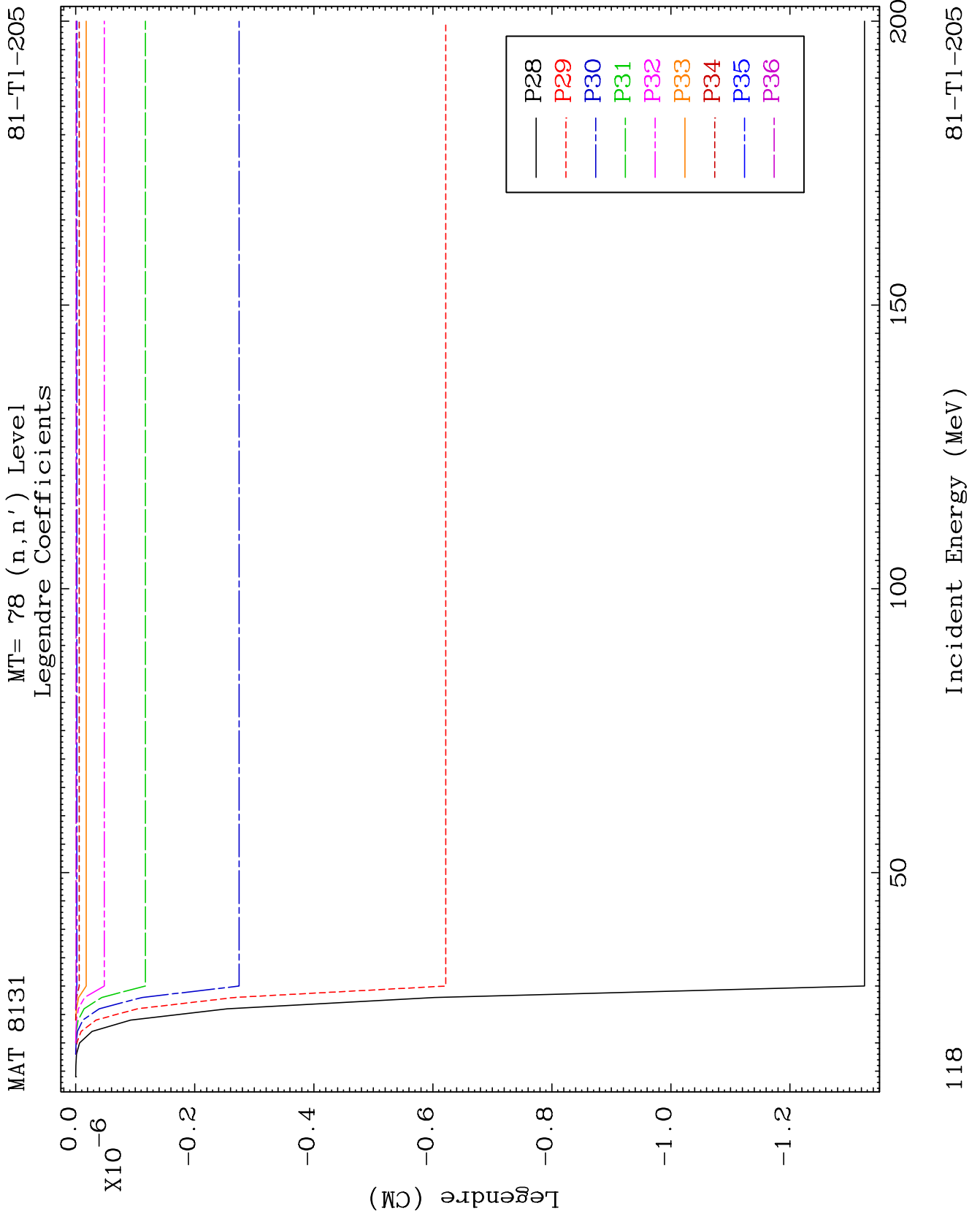
81-T1-205

MAT 8131

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

81-T1-205

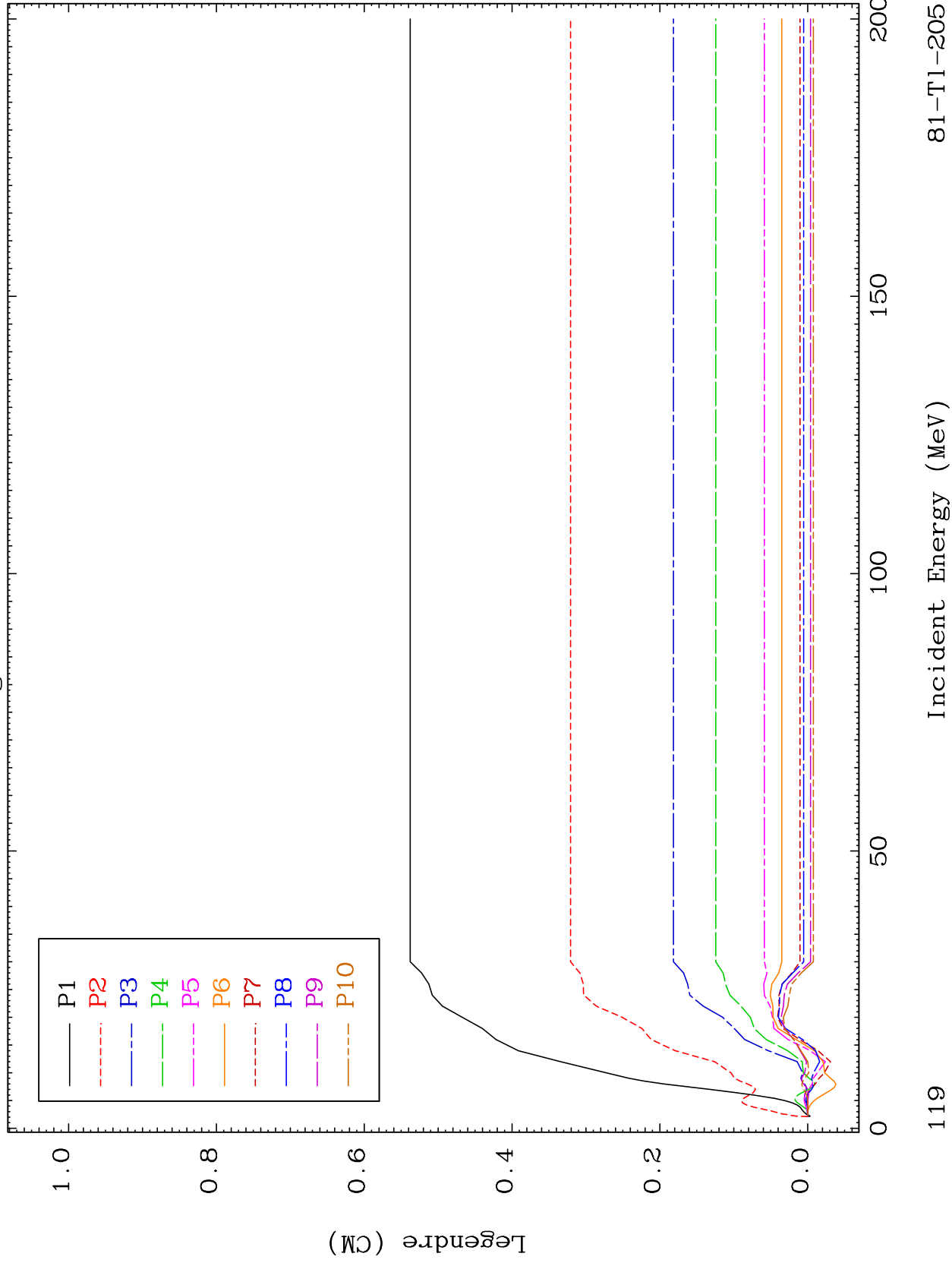




MAT 8131

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

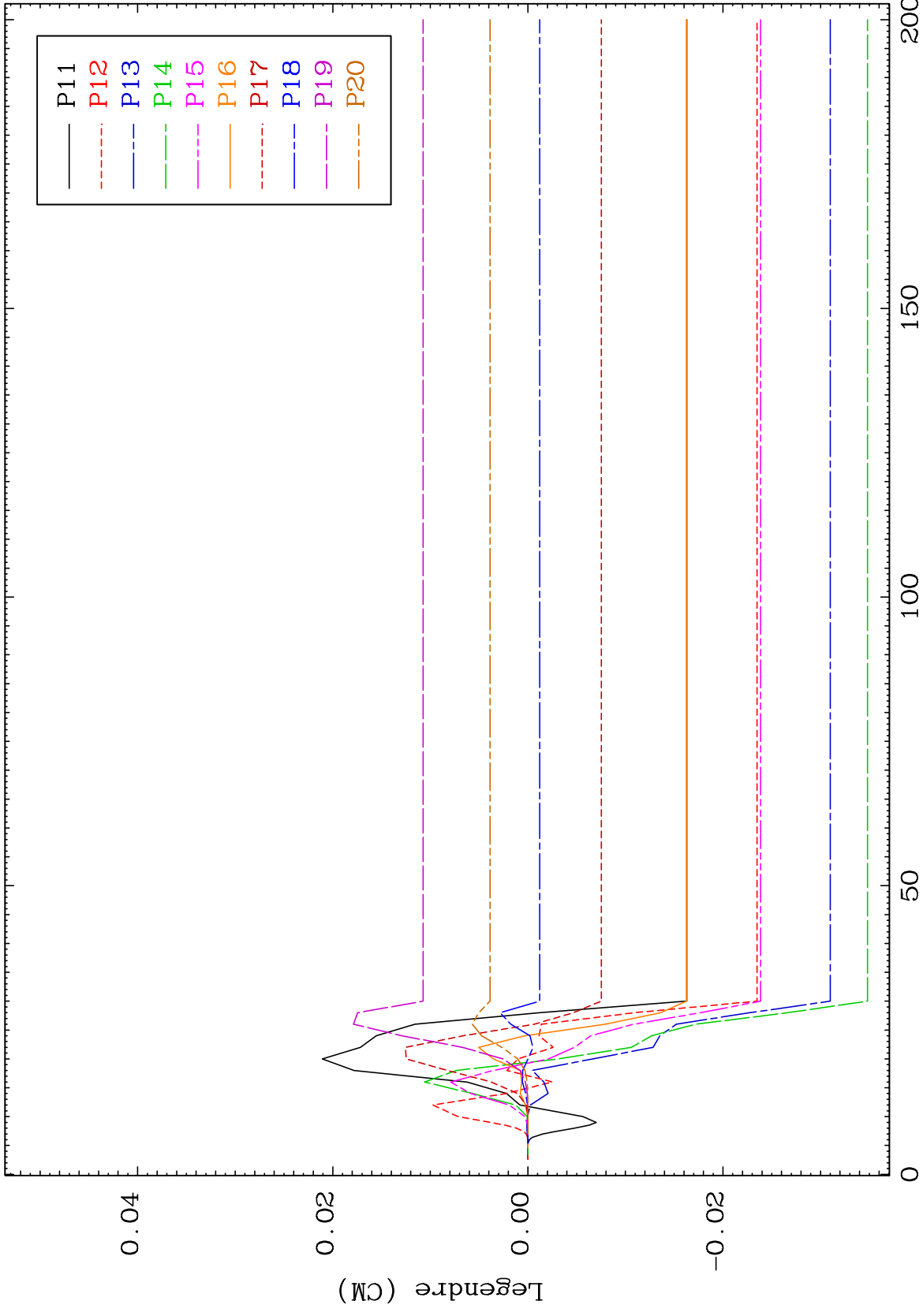
81-T1-205



MAT 8131

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

81-T1-205



120

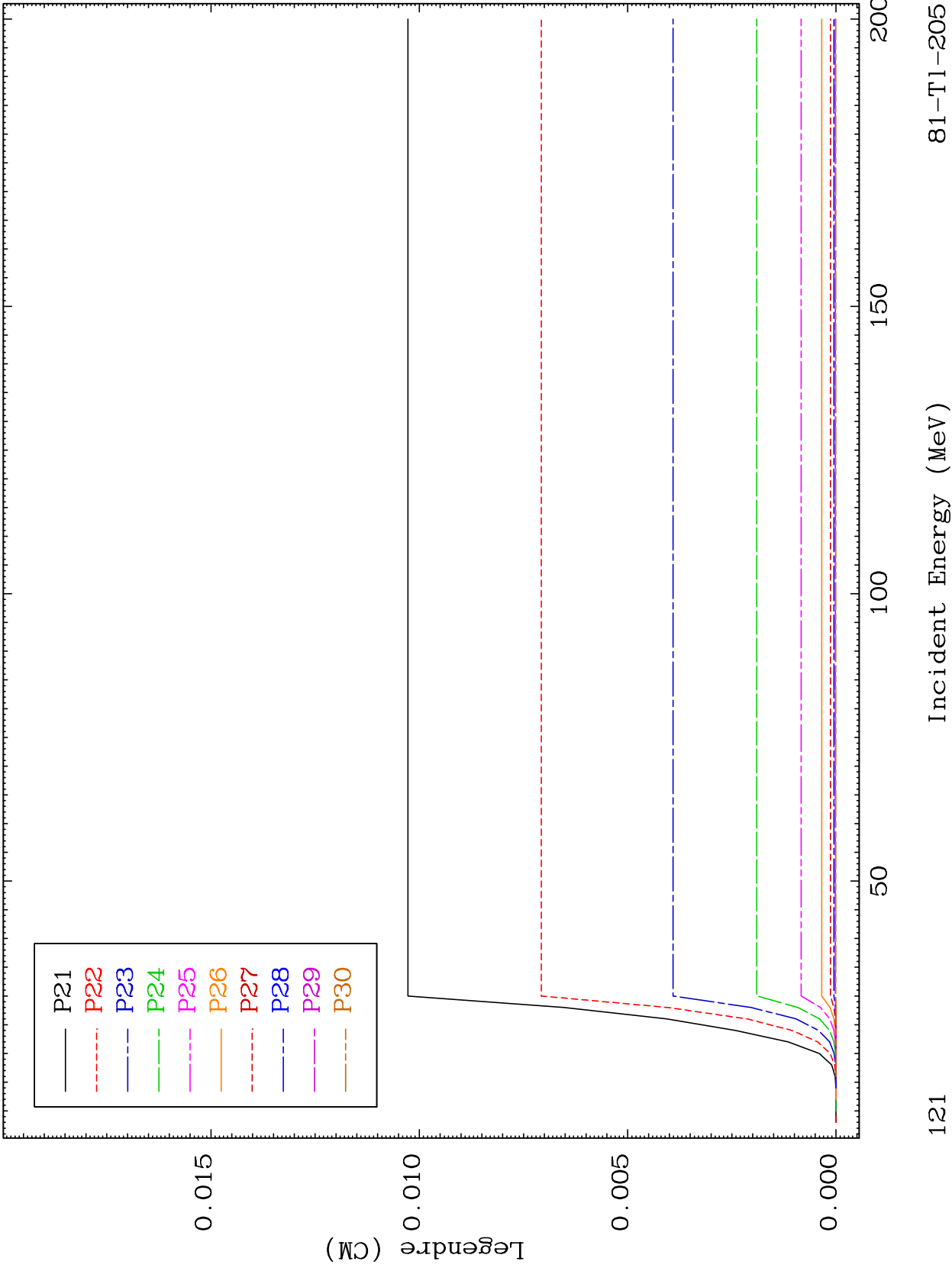
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



121

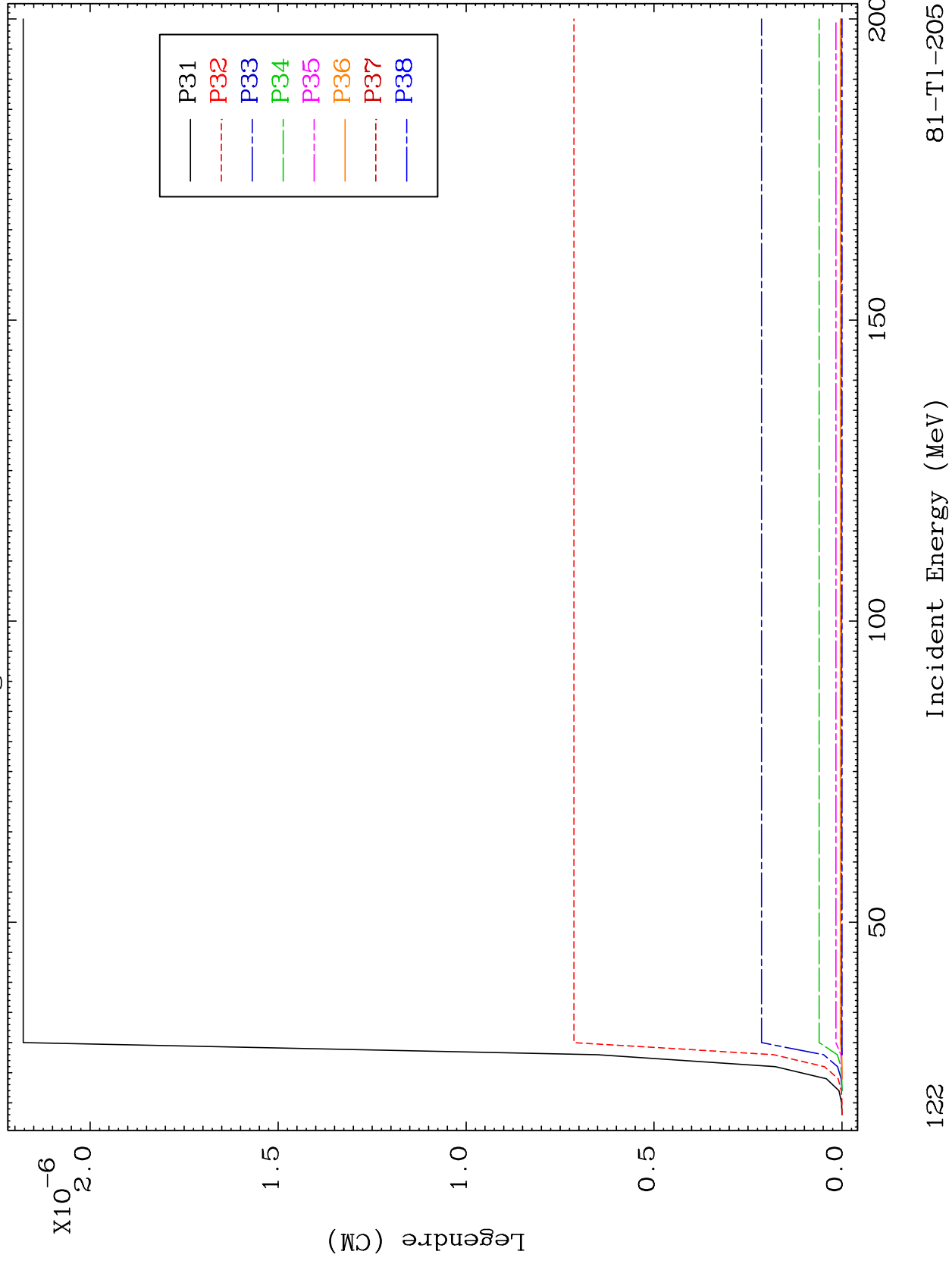
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



122

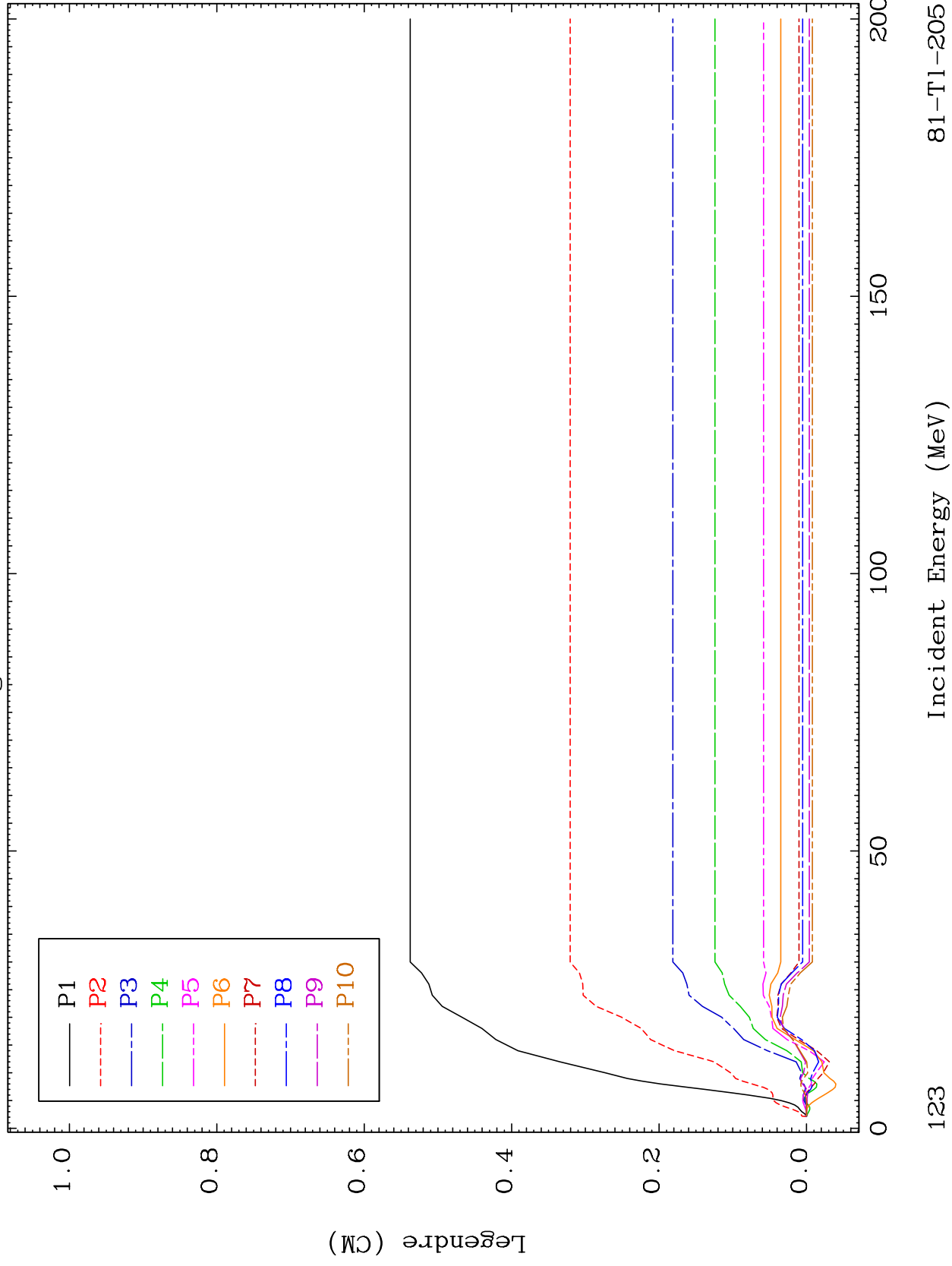
Incident Energy (MeV)

81-T1-205

MAT 8131

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

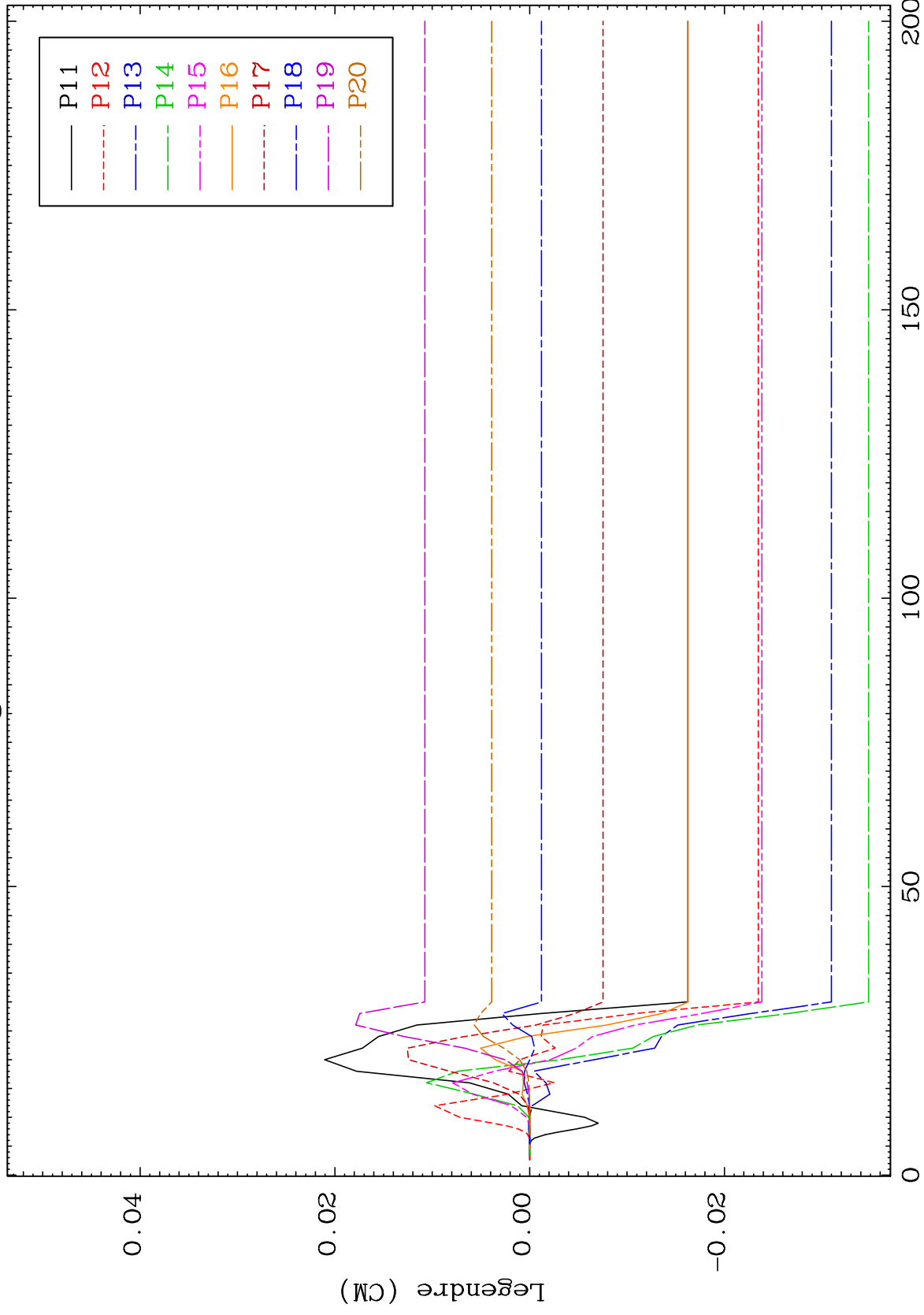
81-T1-205



MAT 8131

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

81-T1-205



124

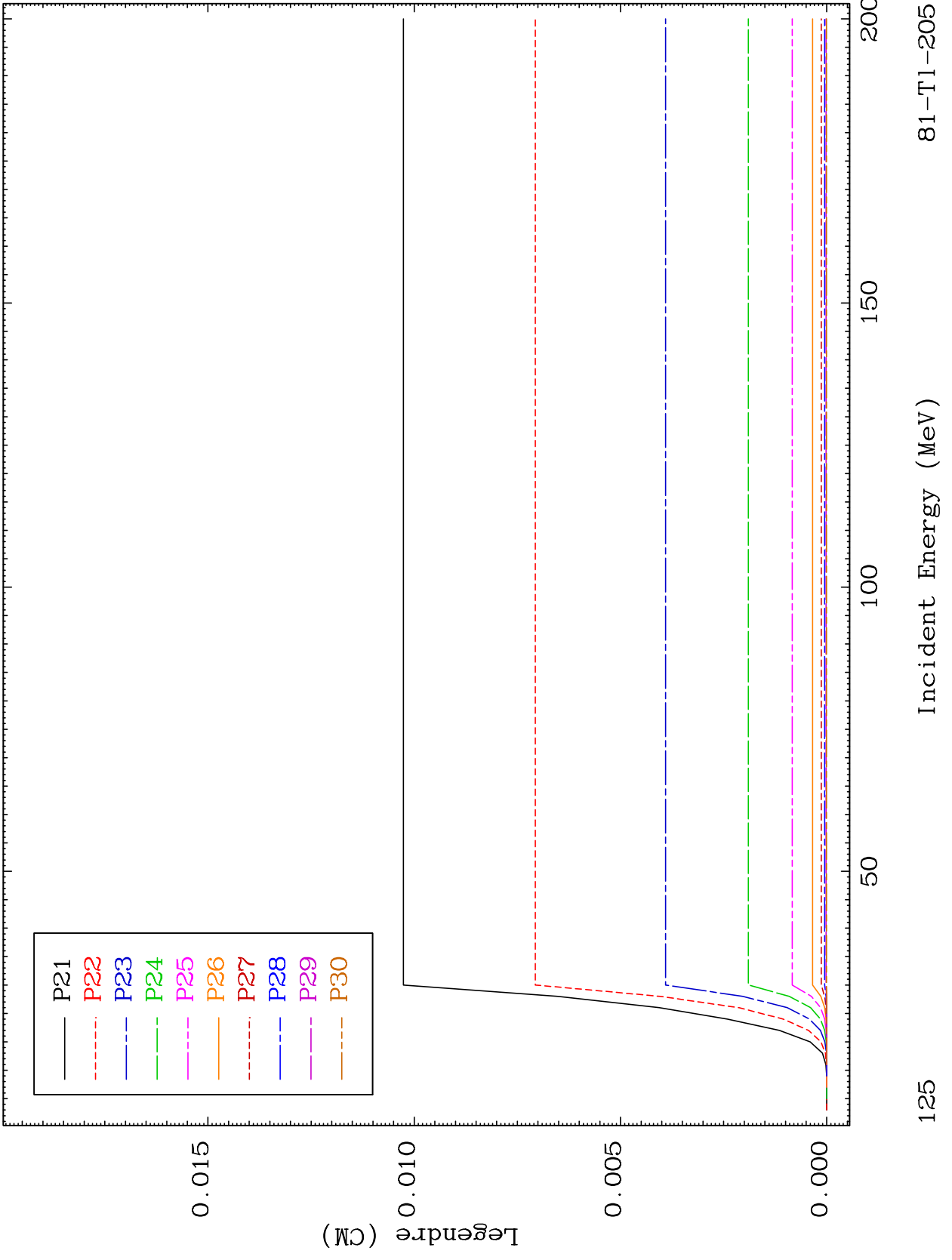
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-Tl-205



125

Incident Energy (MeV)

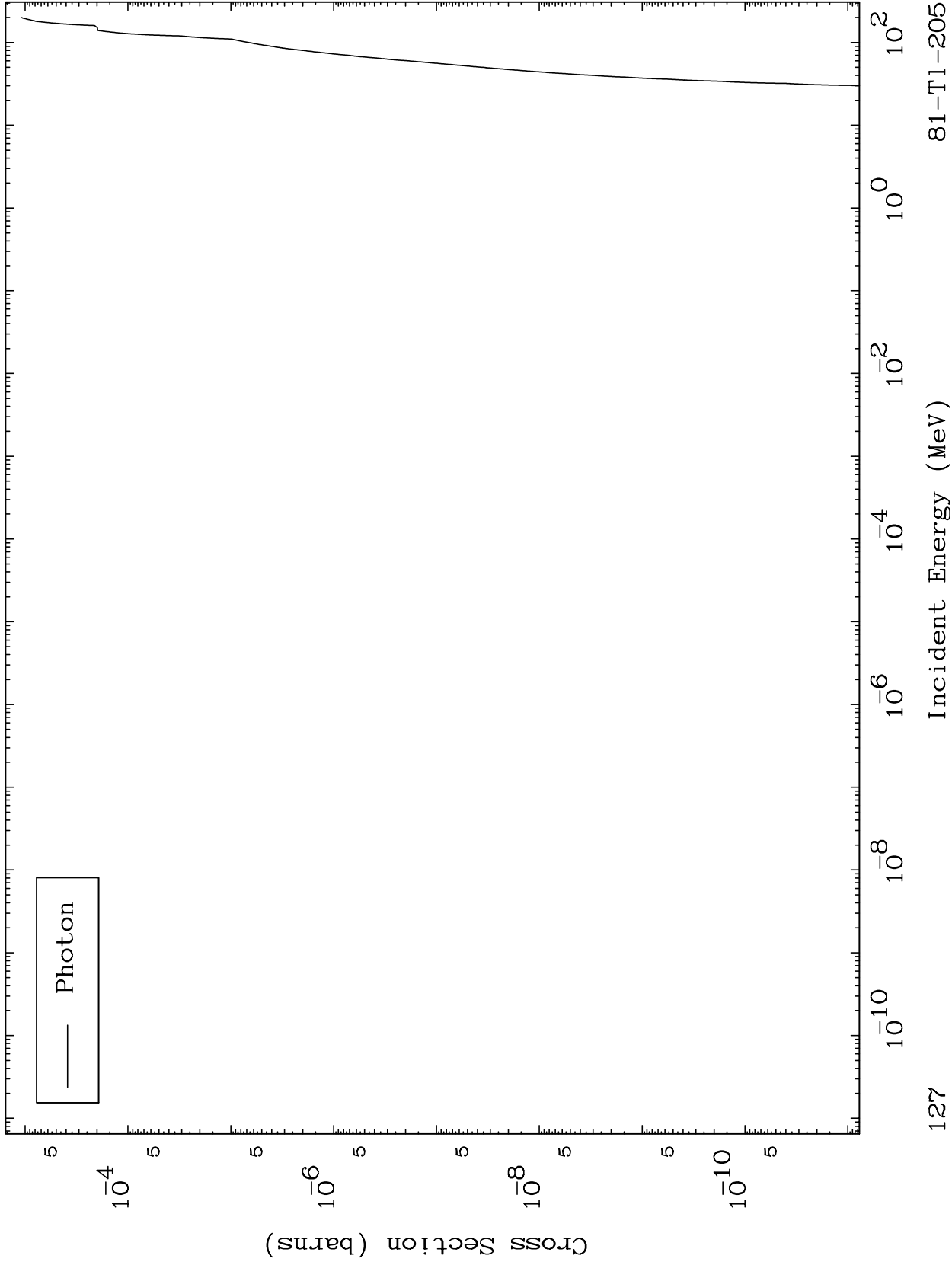
81-Tl-205

MAT 8131

Fission

81-Tl-205

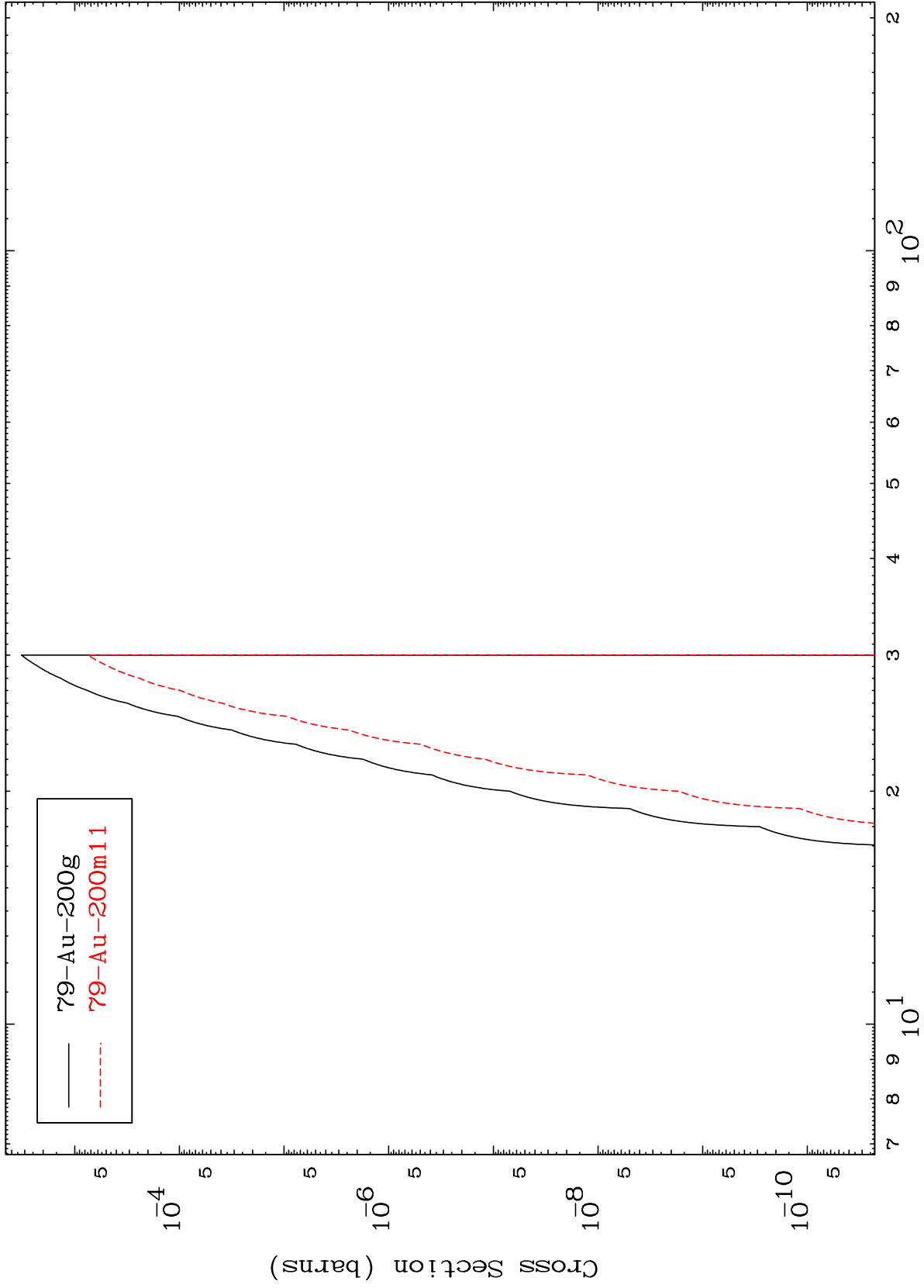
Radionuclide Production Cross Section



MAT 8131

81-T1-205

$(n,2n) \alpha$
Radionuclide Production Cross Section



81-T1-205

Incident Energy (MeV)

128

MAT 8131

81-Tl-205

