

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

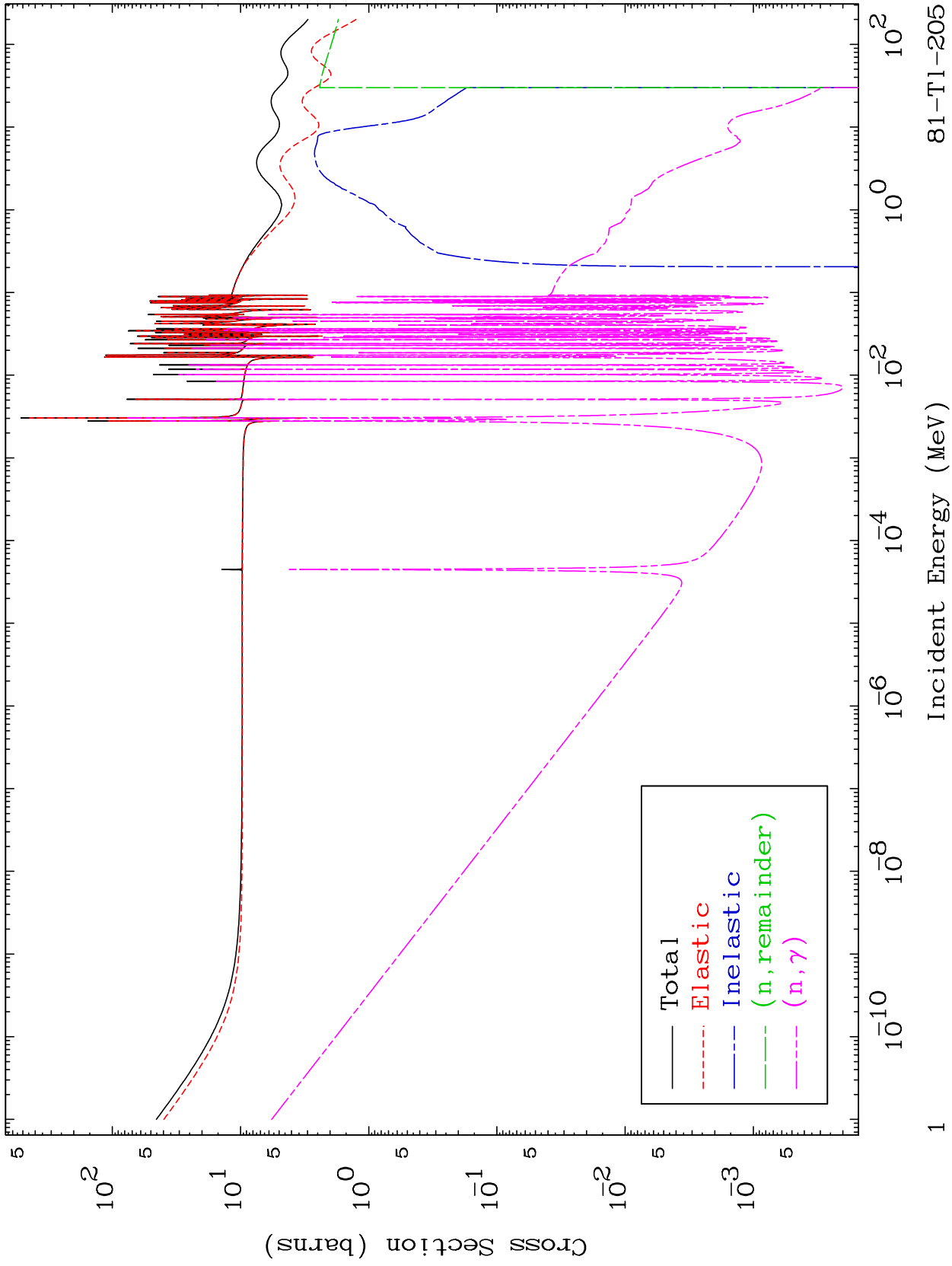
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8131

Major
293 Kelvin Cross Sections

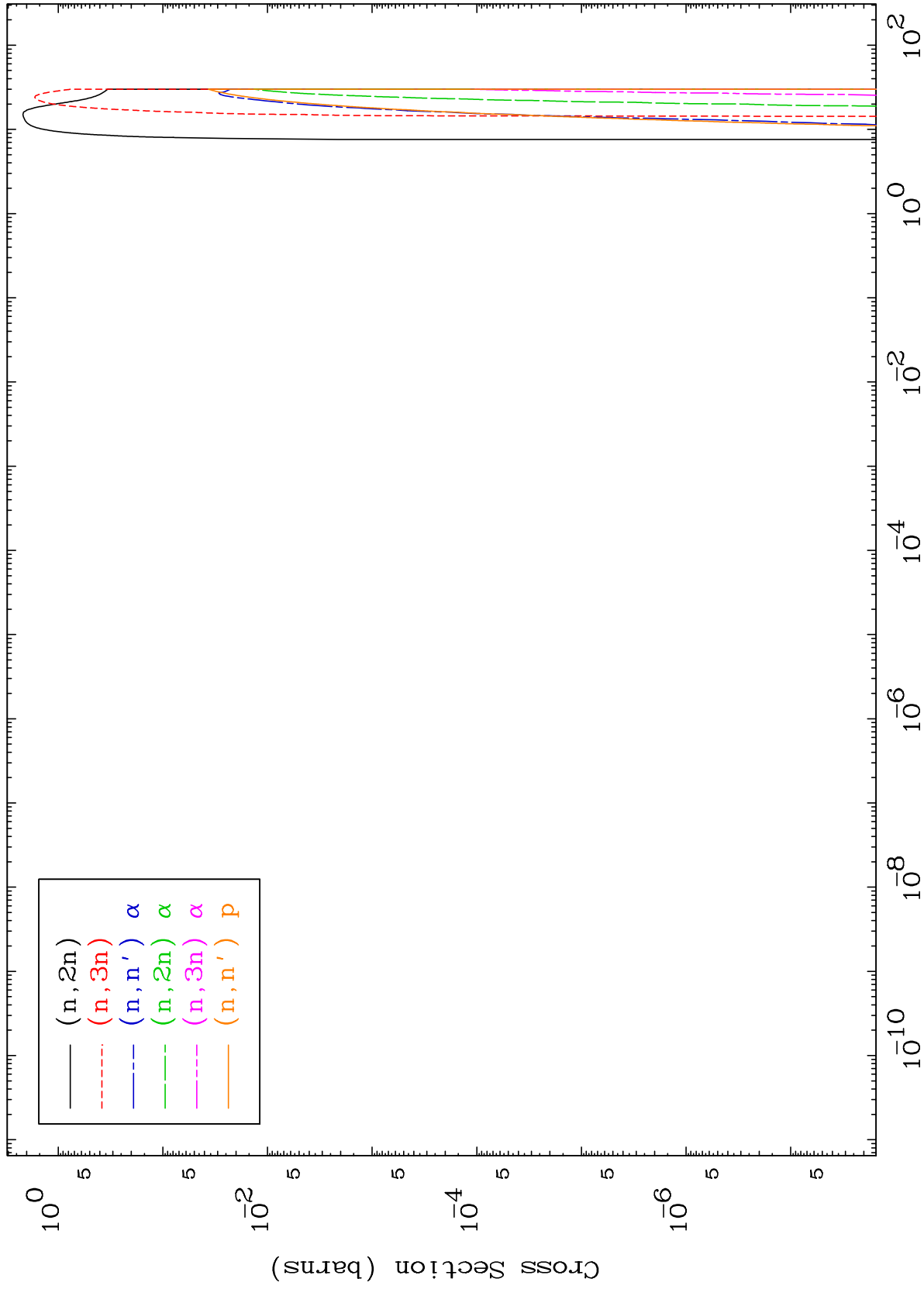
81-T1-205



MAT 8131

Neutron Production
293 Kelvin Cross Sections

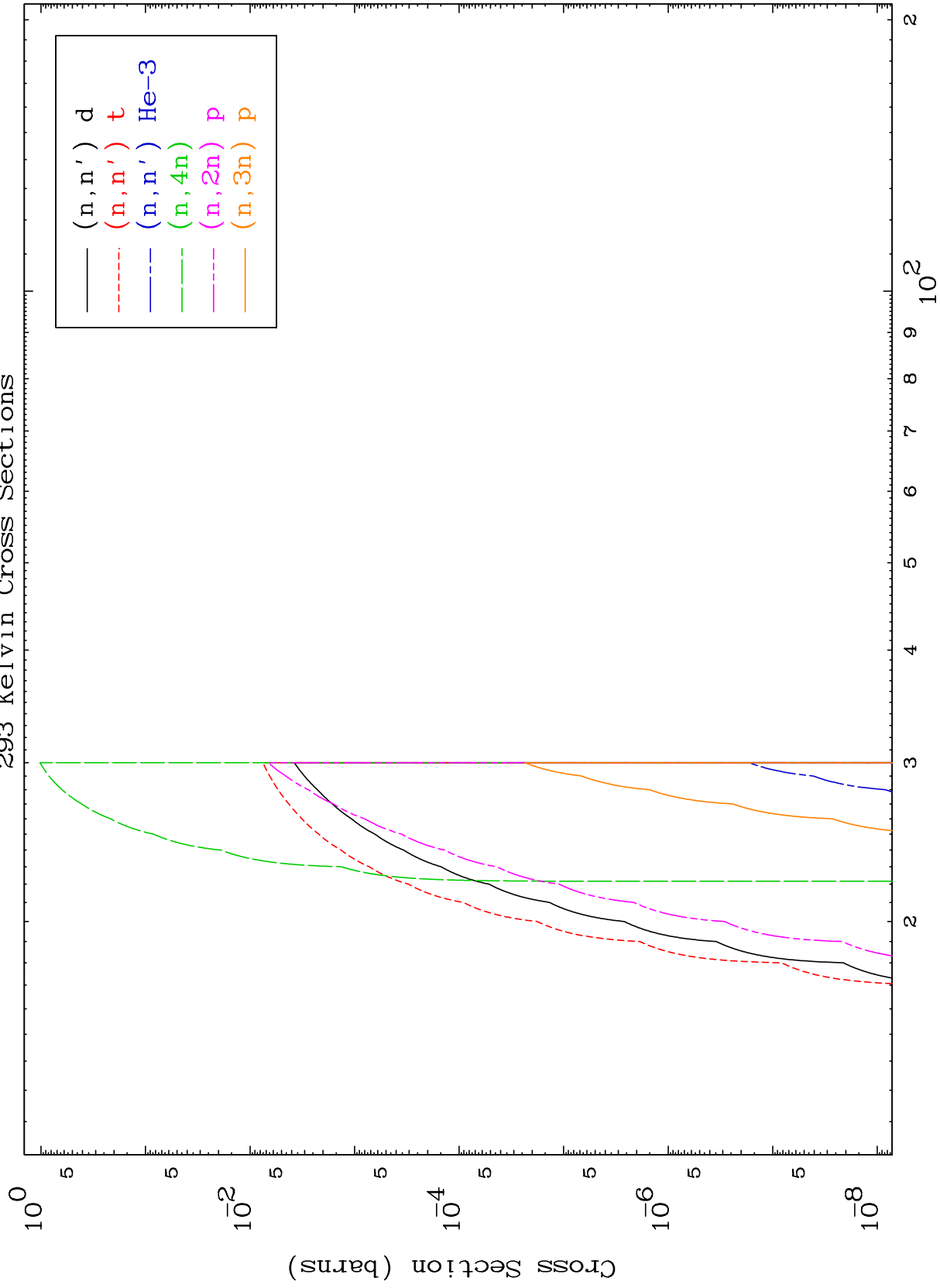
81-Tl-205



2

Incident Energy (MeV)

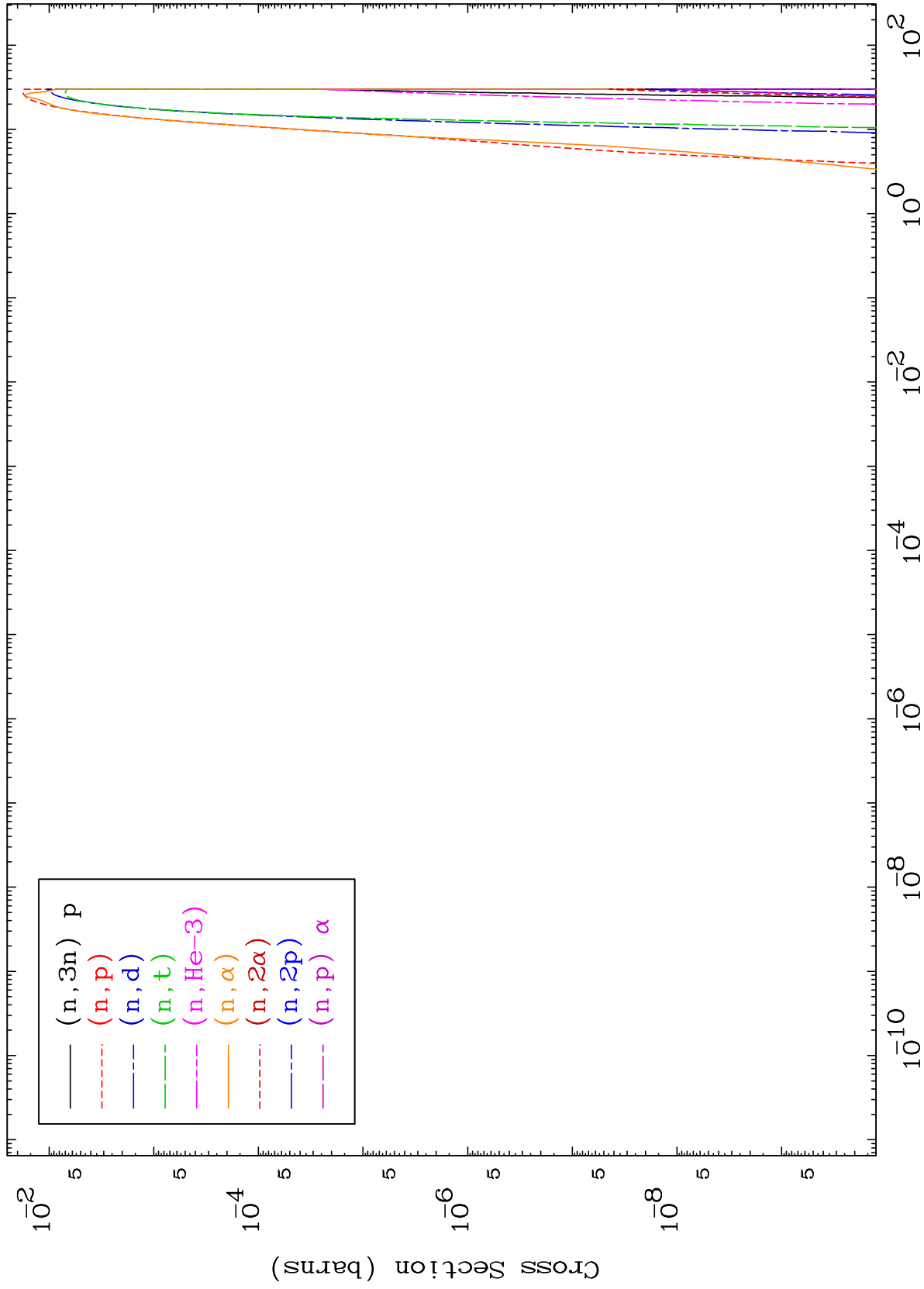
81-Tl-205



MAT 8131

293 Kelvin Cross Sections

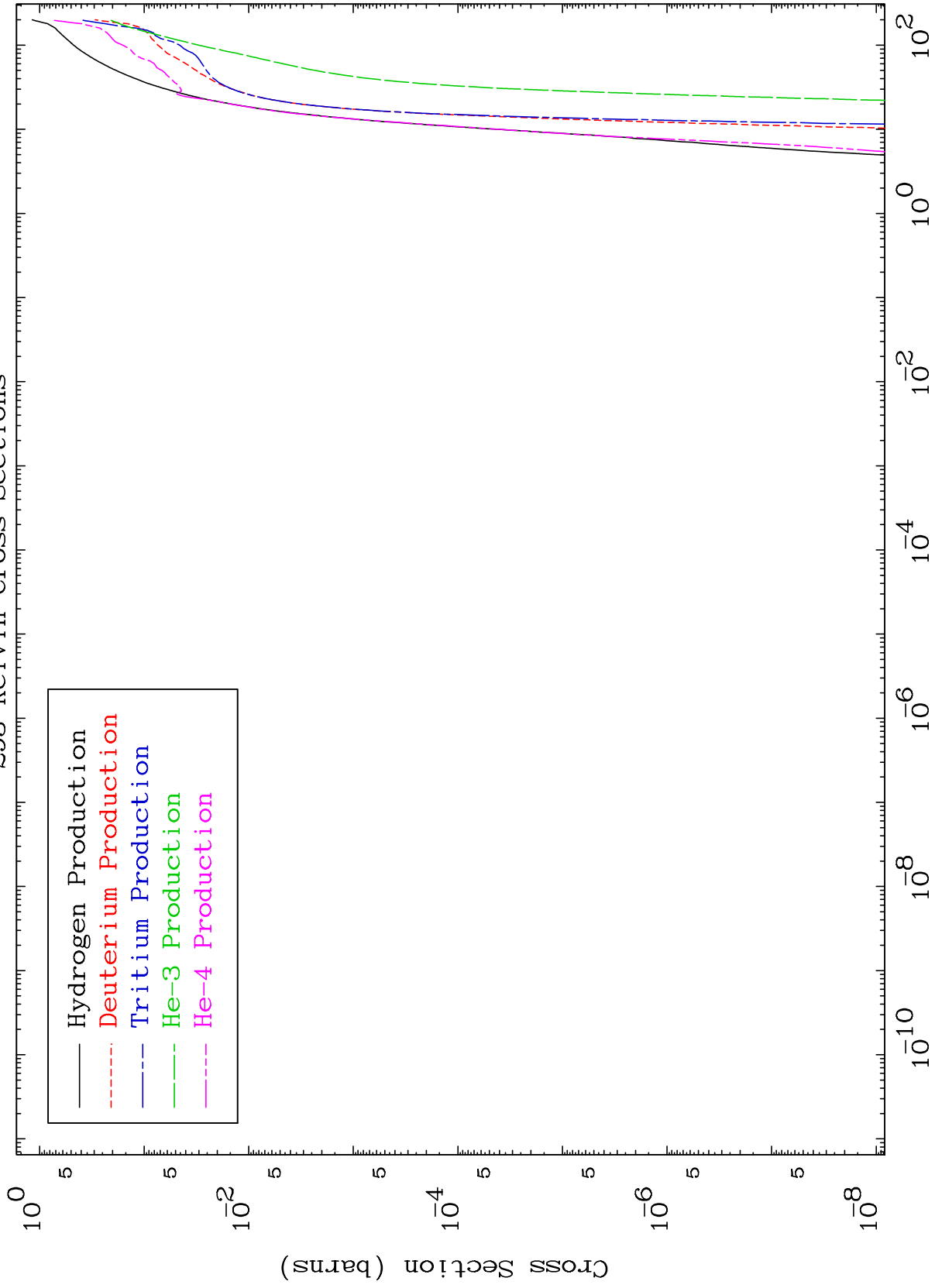
81-Tl-205



MAT 8131

Particle Production
293 Kelvin Cross Sections

81-T1-205



6

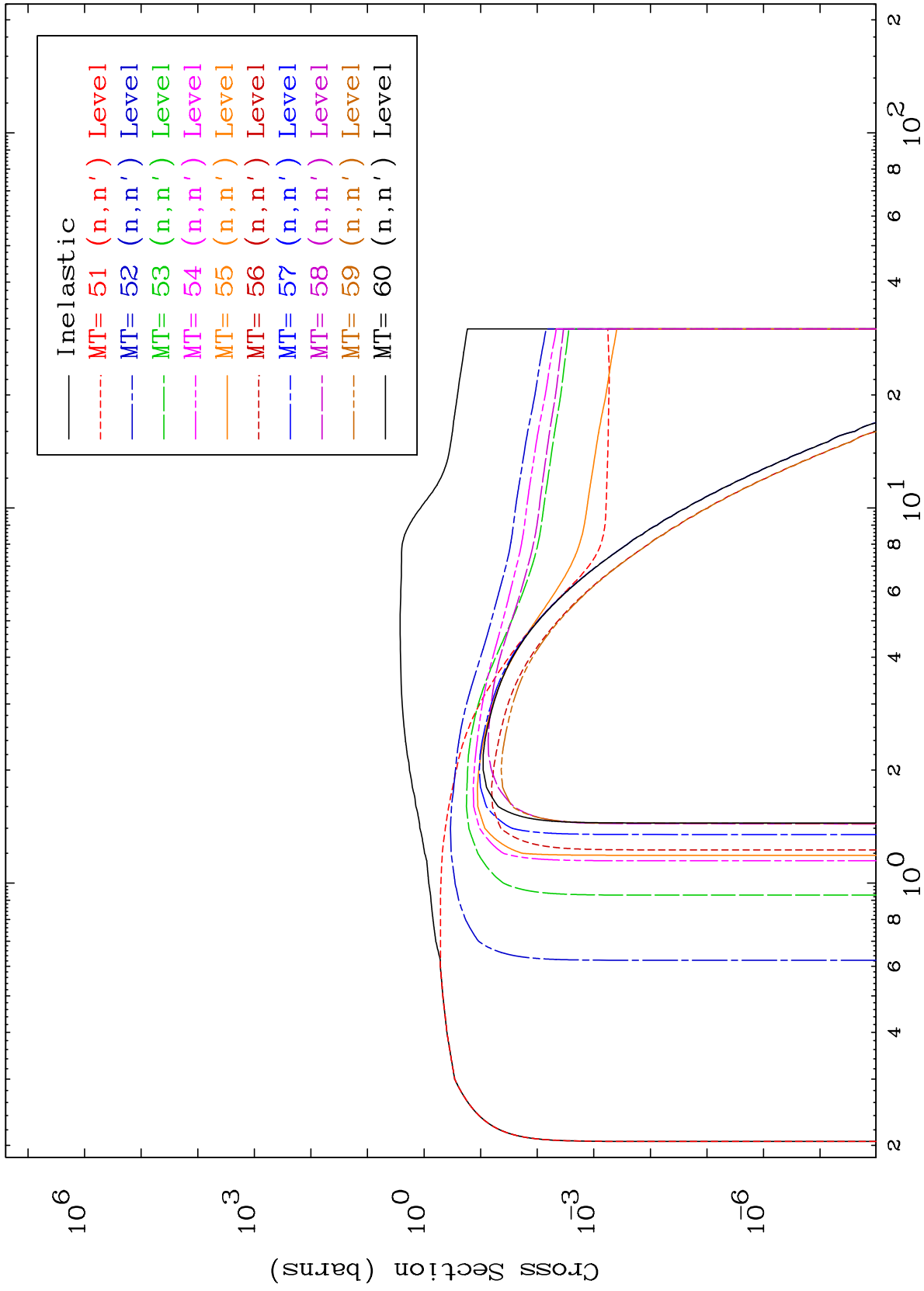
Incident Energy (MeV)

81-T1-205

MAT 8131

(n,n') Level
293 Kelvin Cross Sections

81-T1-205



7

Incident Energy (MeV)

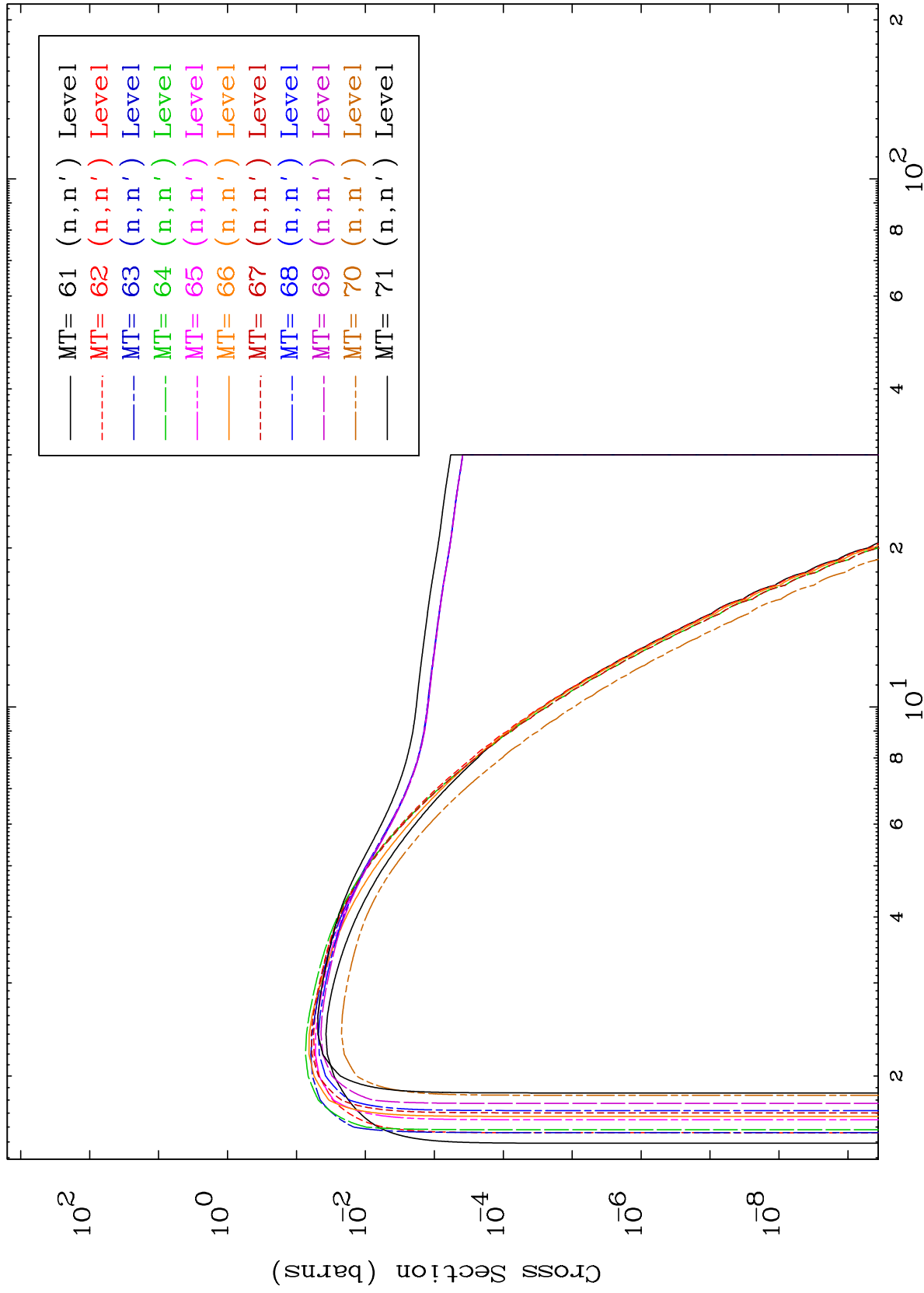
81-T1-205

MAT 8131

(n,n') Level

293 Kelvin Cross Sections

81-T1-205



8

Incident Energy (MeV)

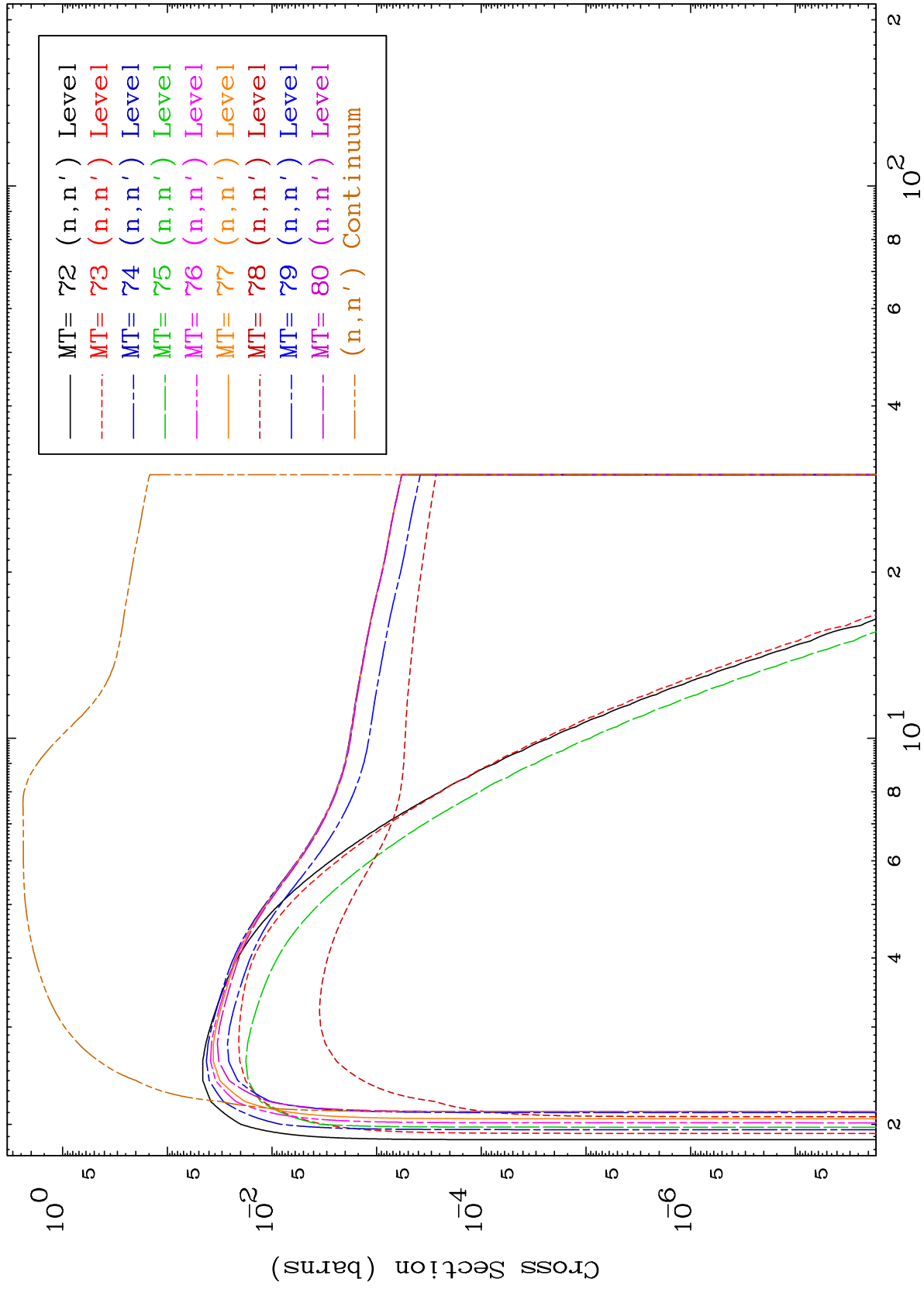
81-T1-205

MAT 8131

(n,n') Level

293 Kelvin Cross Sections

81-T1-205



9

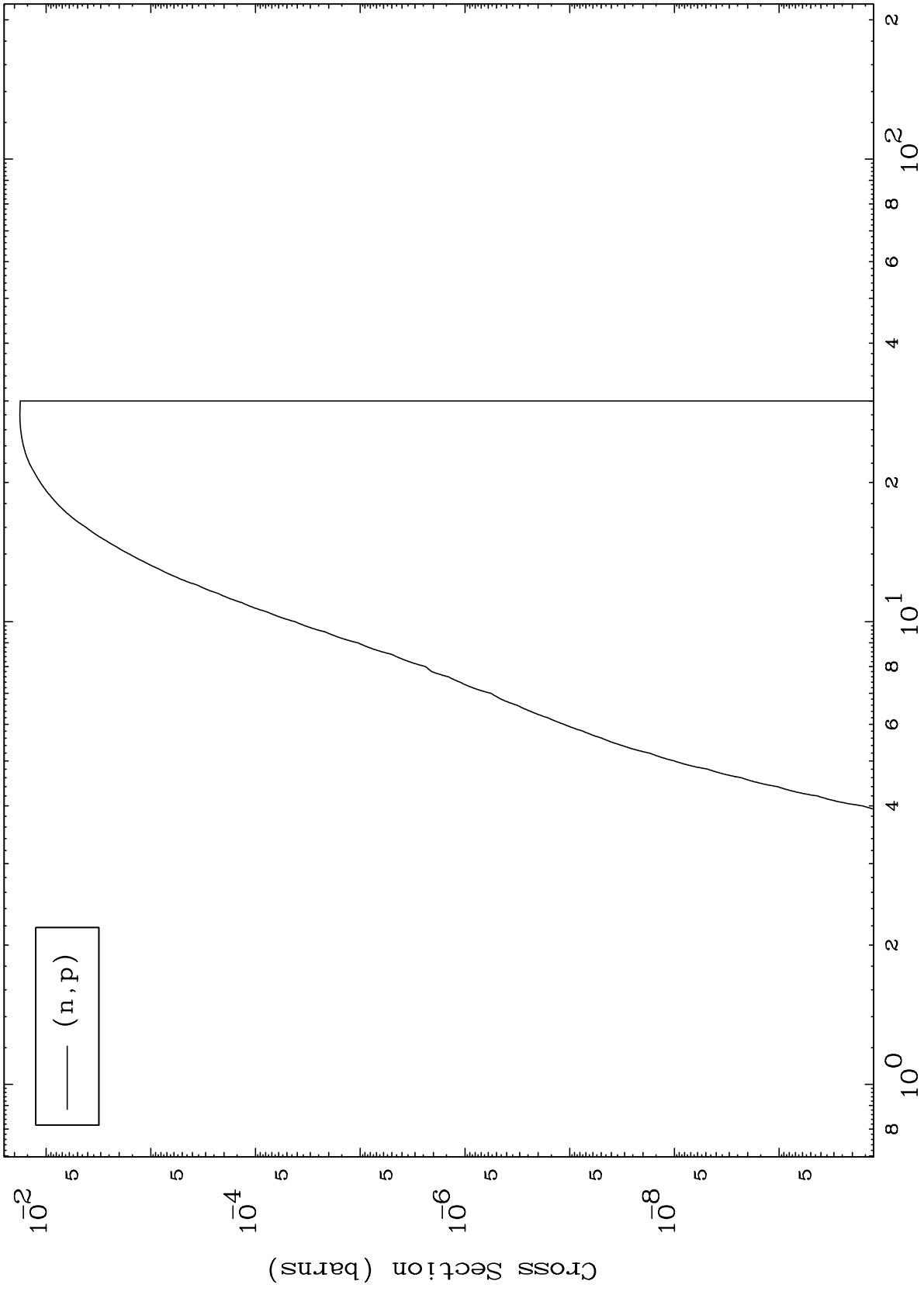
Incident Energy (MeV)

81-T1-205

MAT 8131

(n,p) Levels
293 Kelvin Cross Sections

81-Tl-205



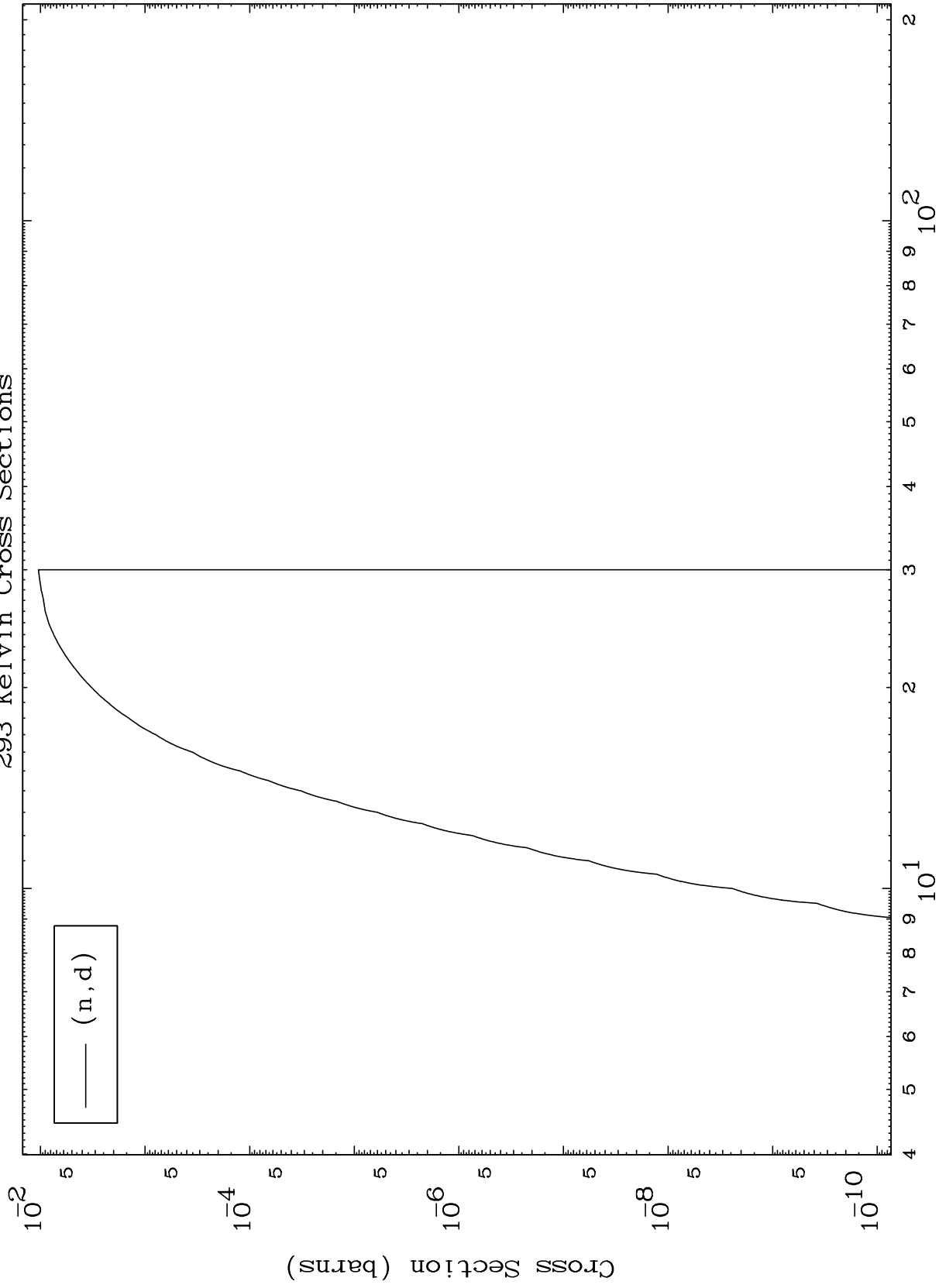
Incident Energy (MeV)

81-Tl-205

MAT 8131

(n,d) Levels
293 Kelvin Cross Sections

81-T1-205



11

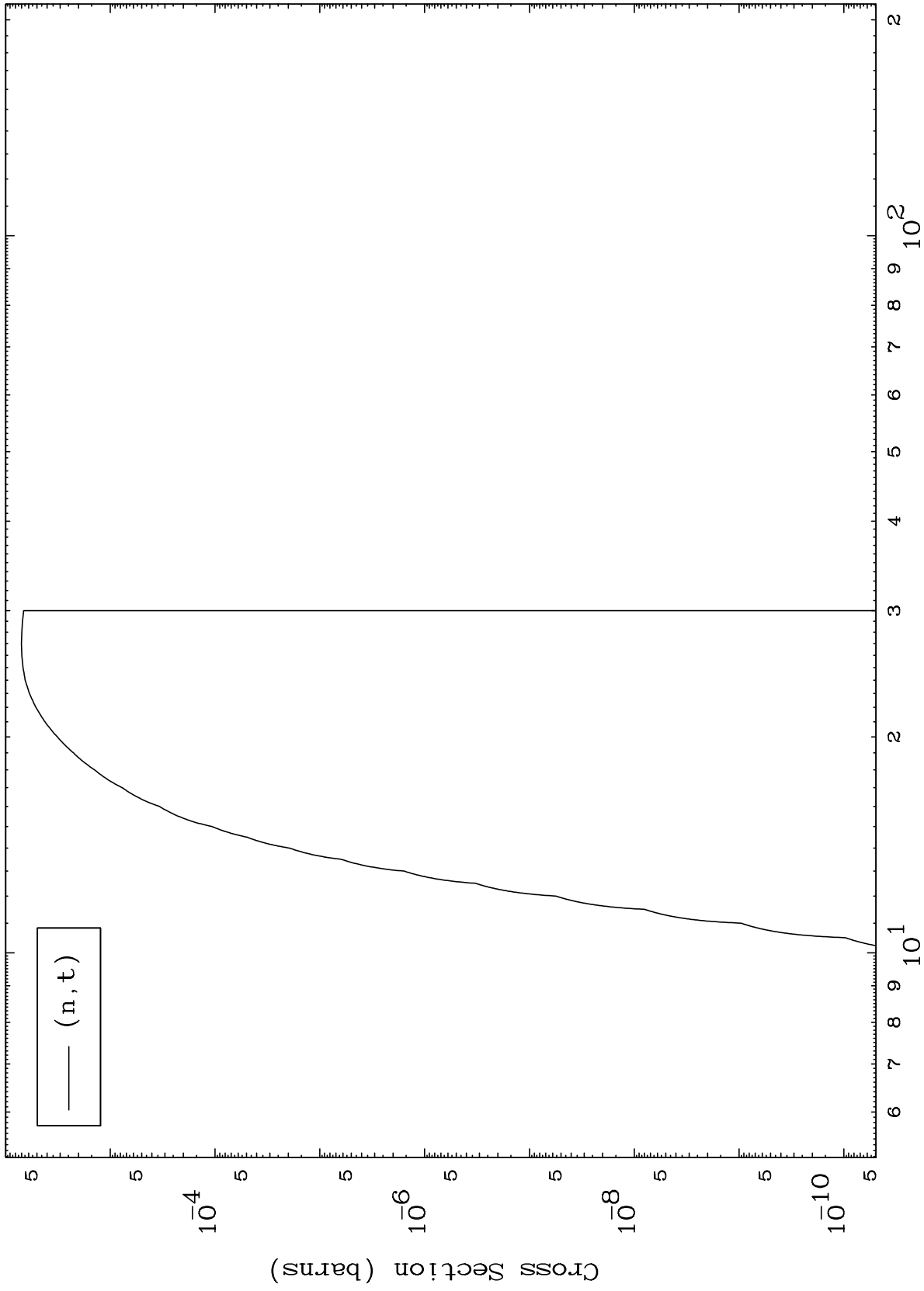
Incident Energy (MeV)

81-T1-205

MAT 8131

(n,t) Levels
293 Kelvin Cross Sections

81-T1-205



12

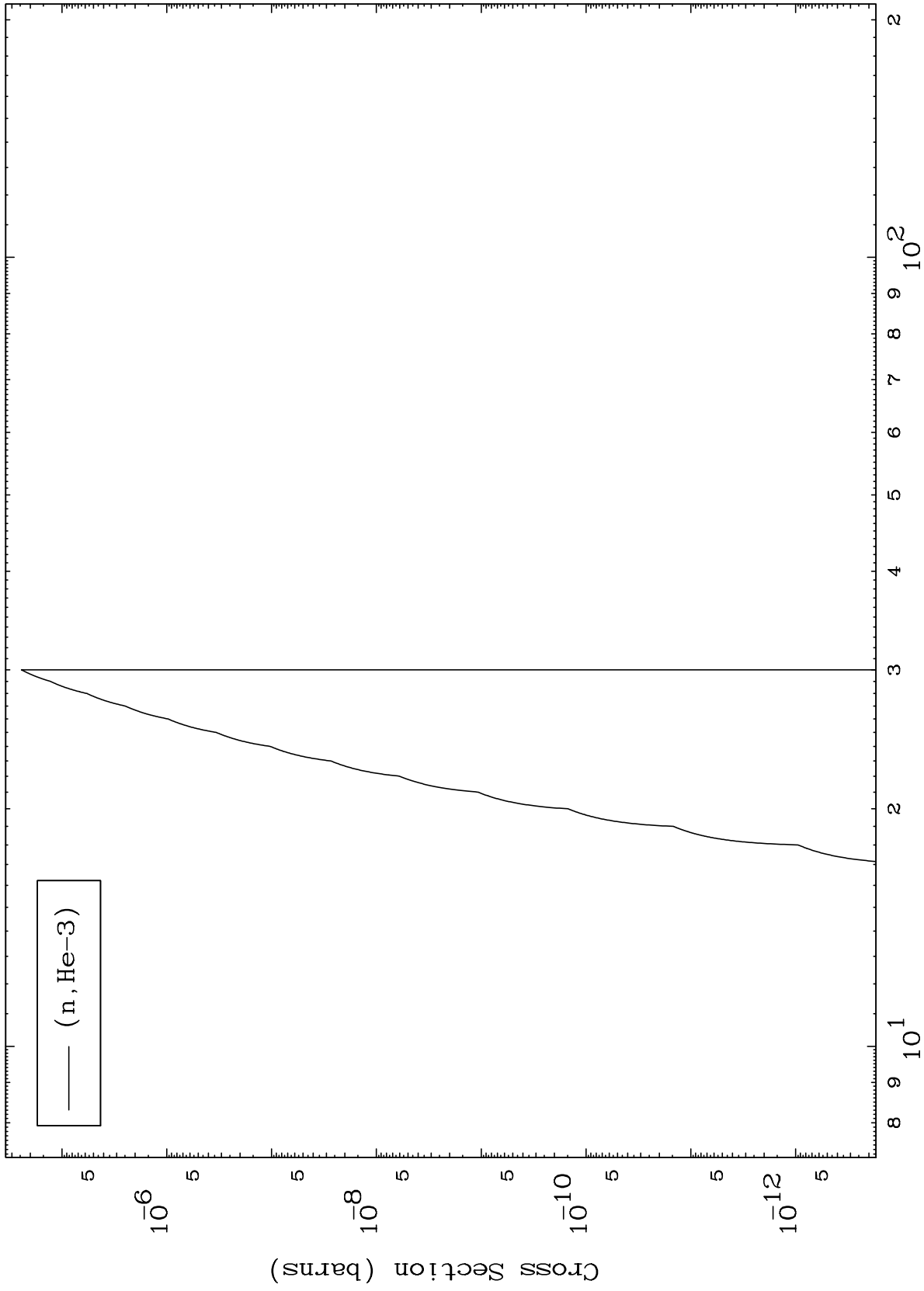
Incident Energy (MeV)

81-T1-205

MAT 8131

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-205



13

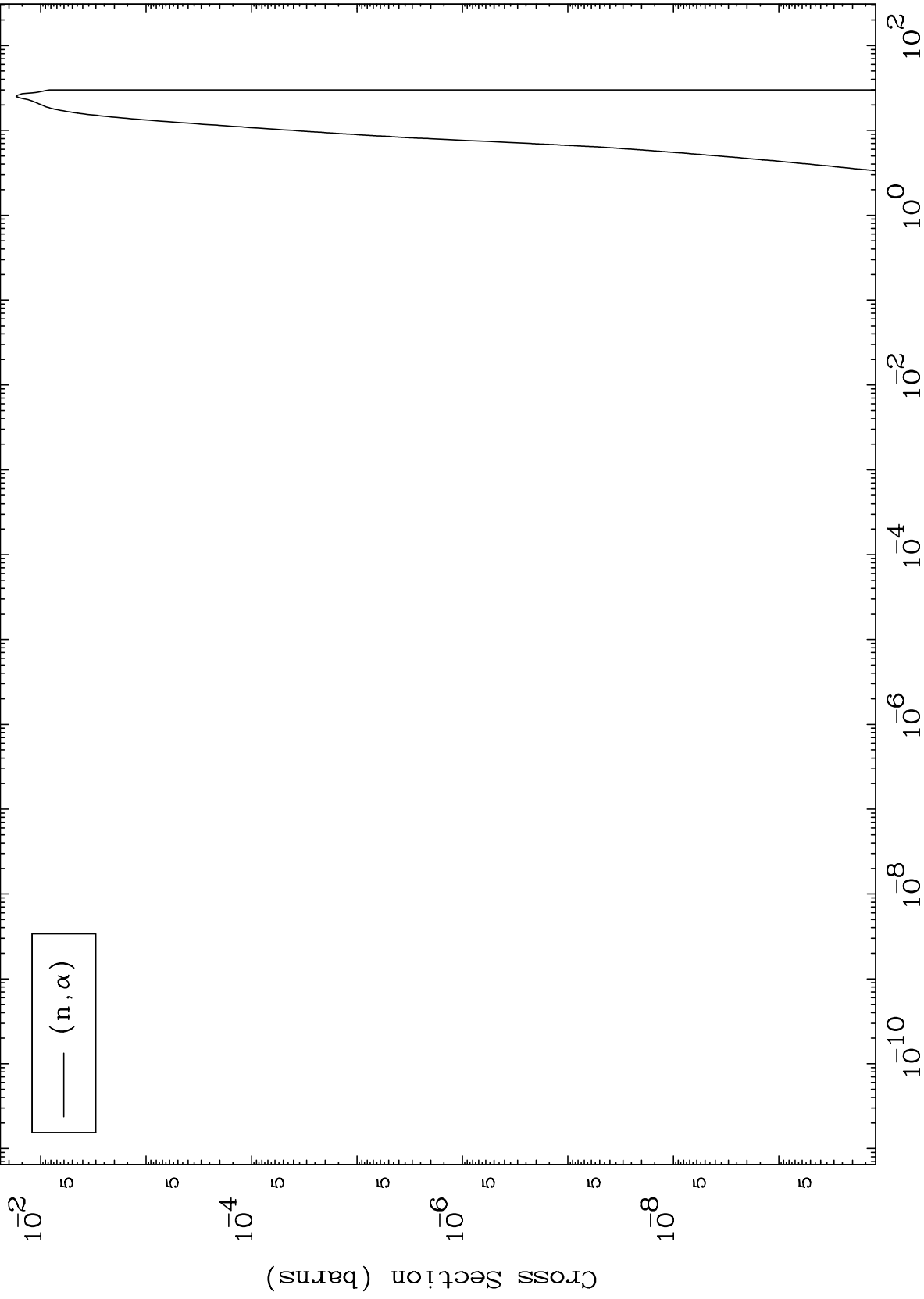
Incident Energy (MeV)

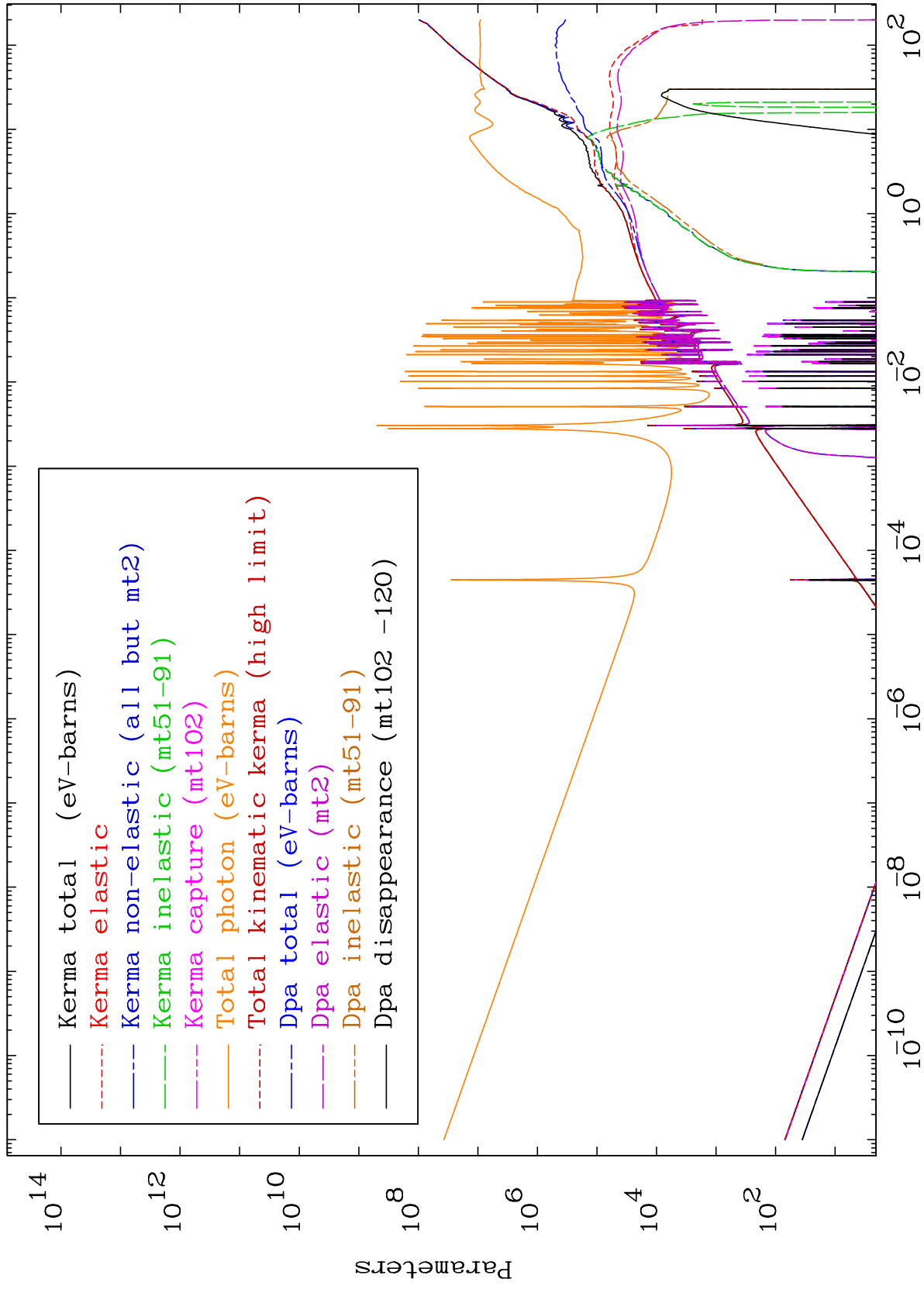
81-T1-205

MAT 8131

(n, α) Levels
293 Kelvin Cross Sections

81-Tl-205

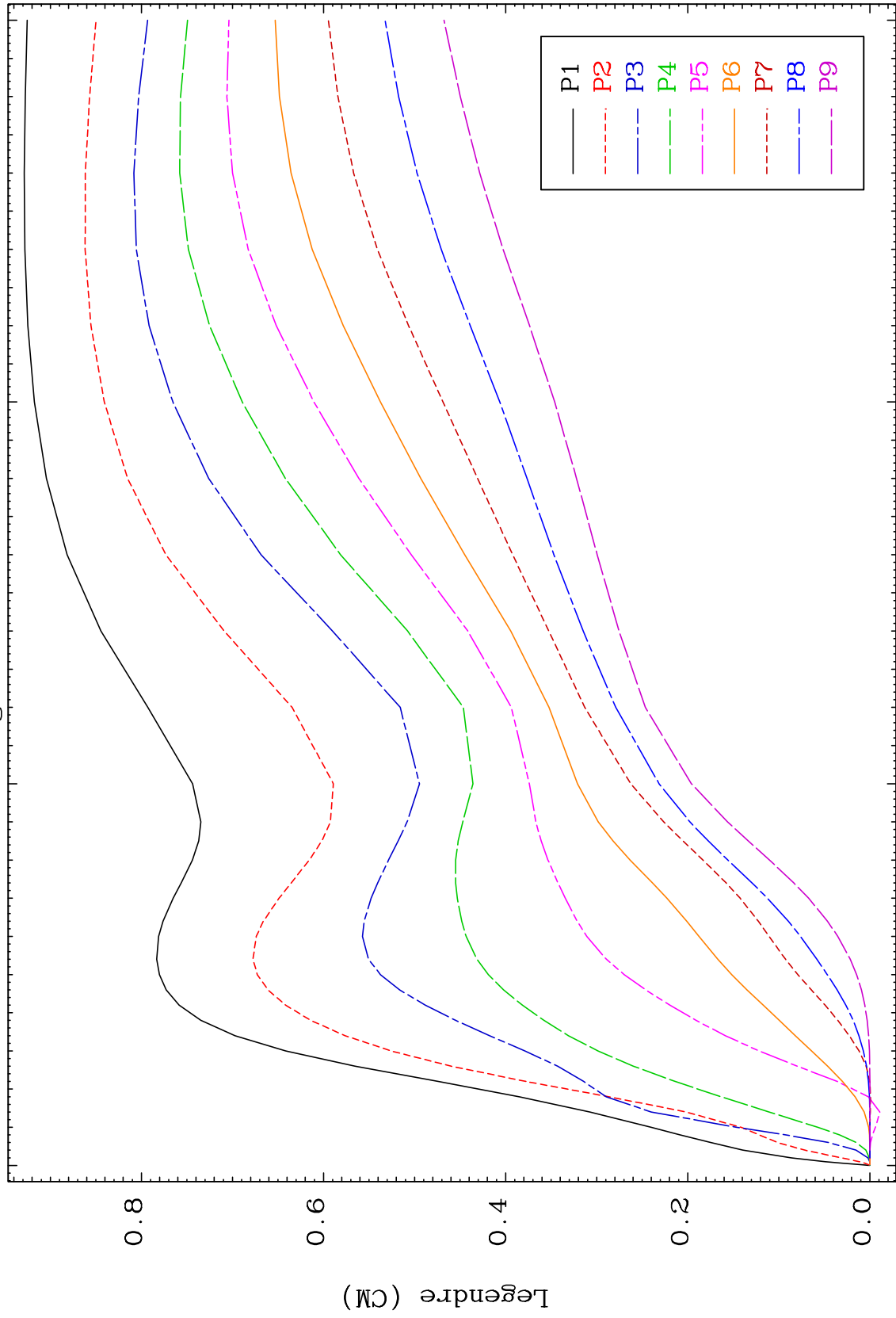




MAT 8131

Elastic Legendre Coefficients

81-T1-205



16

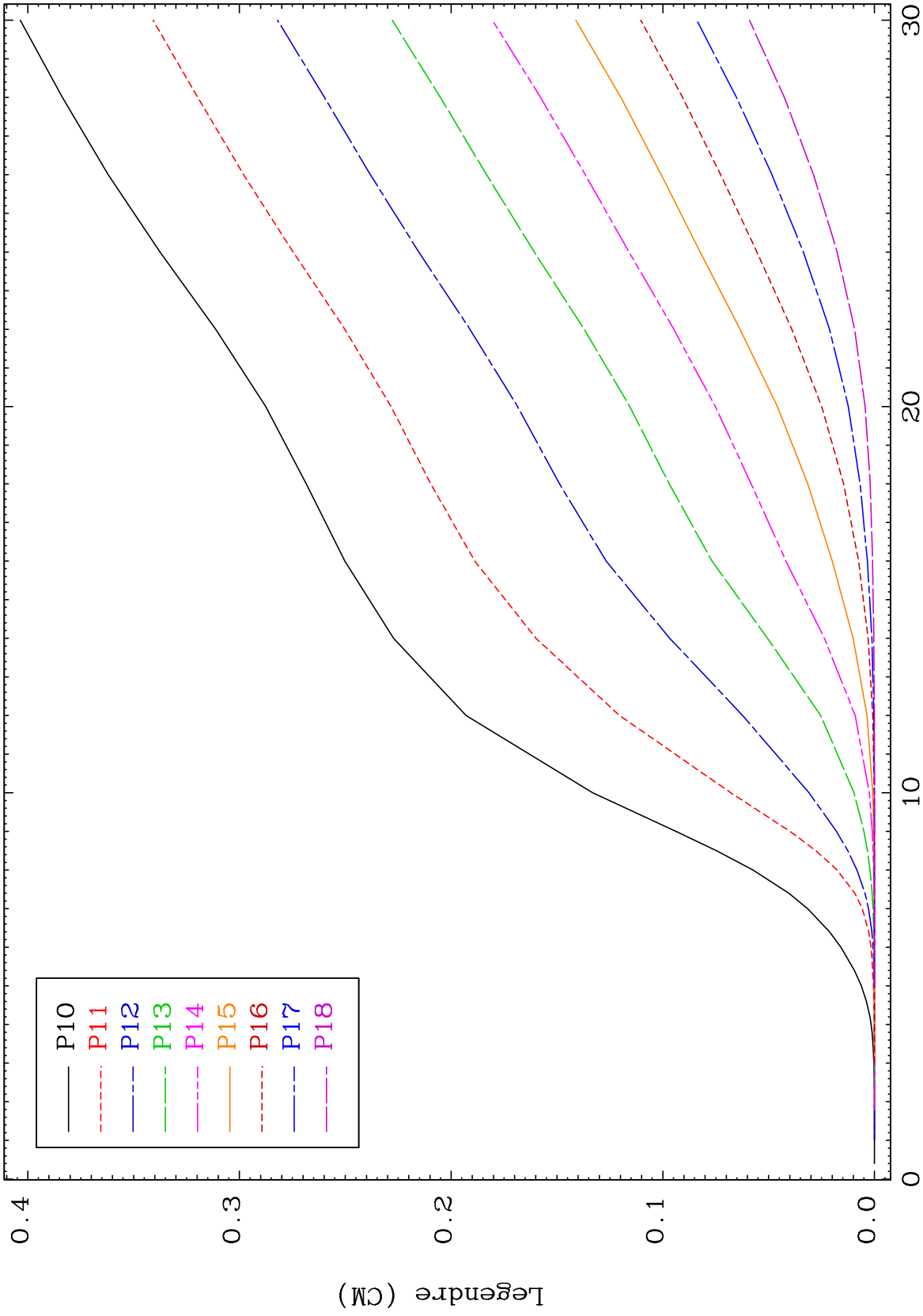
Incident Energy (MeV)

81-T1-205

MAT 8131

Elastic Legendre Coefficients

81-T1-205



17

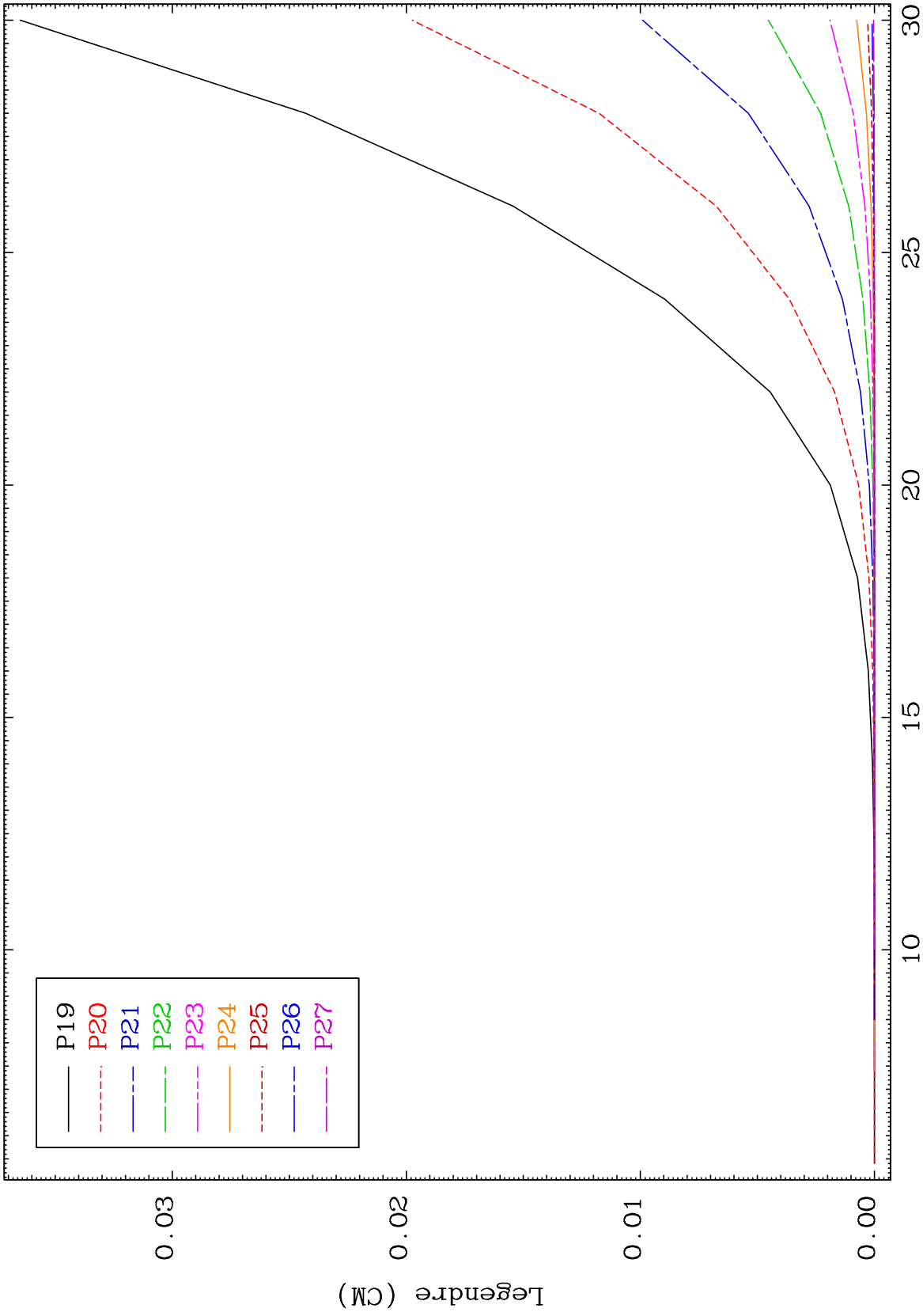
Incident Energy (MeV)

81-T1-205

MAT 8131

Elastic Legendre Coefficients

81-T1-205



18

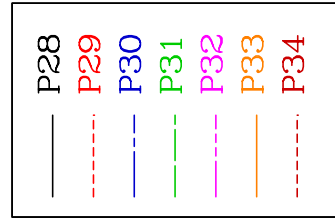
Incident Energy (MeV)

81-T1-205

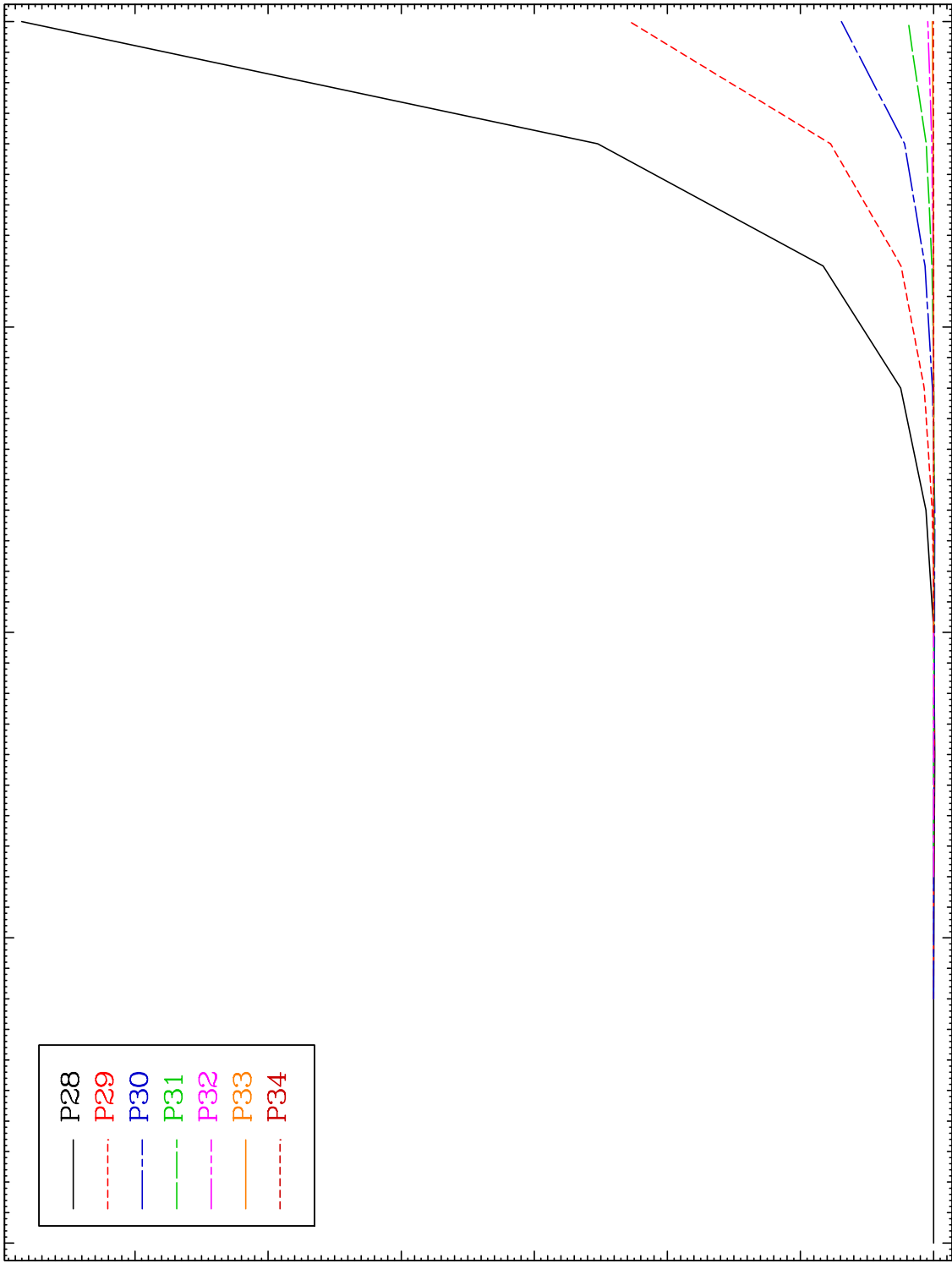
MAT 8131

Elastic Legendre Coefficients

81-T1-205



$\times 10^{-5}$
Legendre (CM)



19

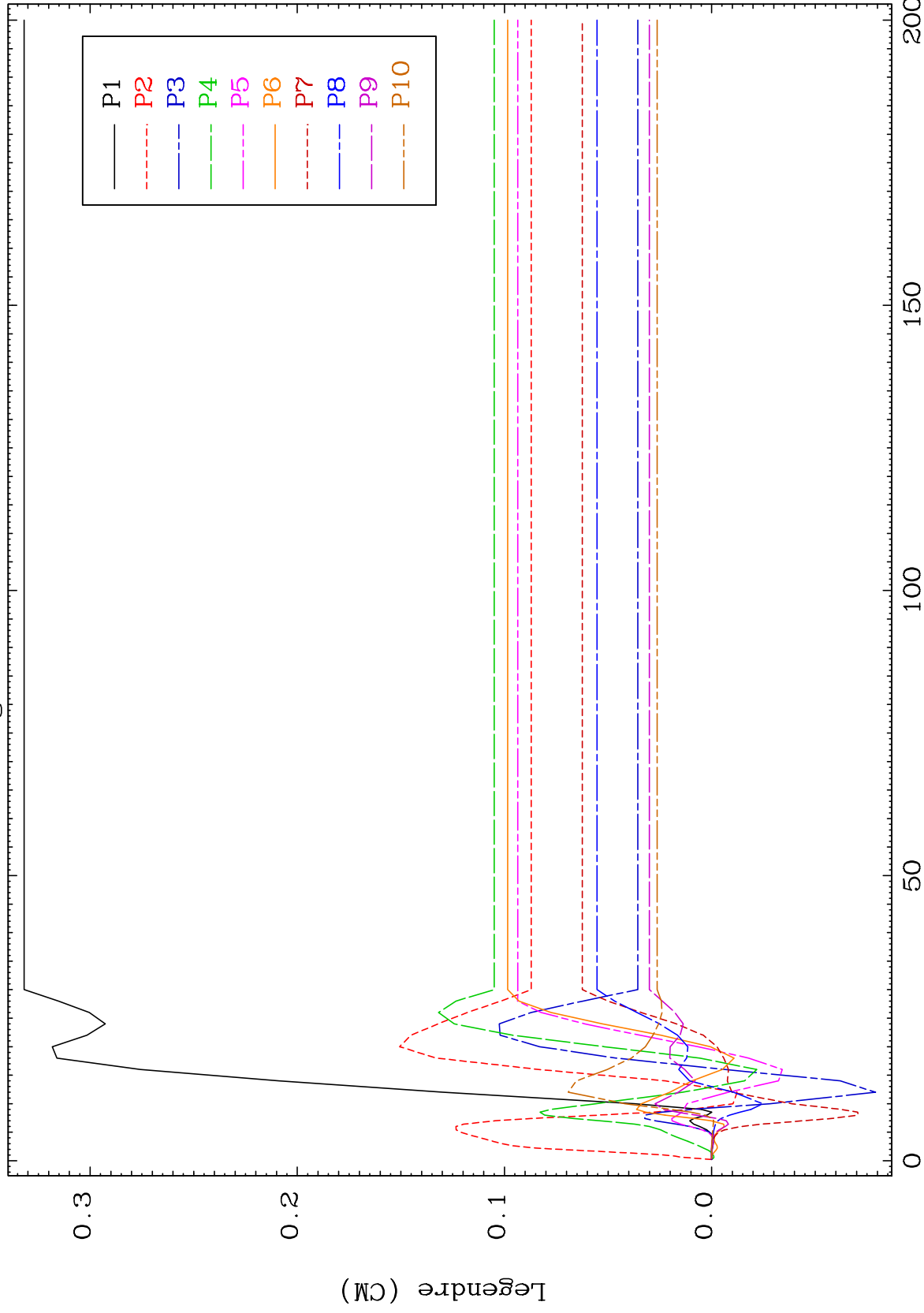
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



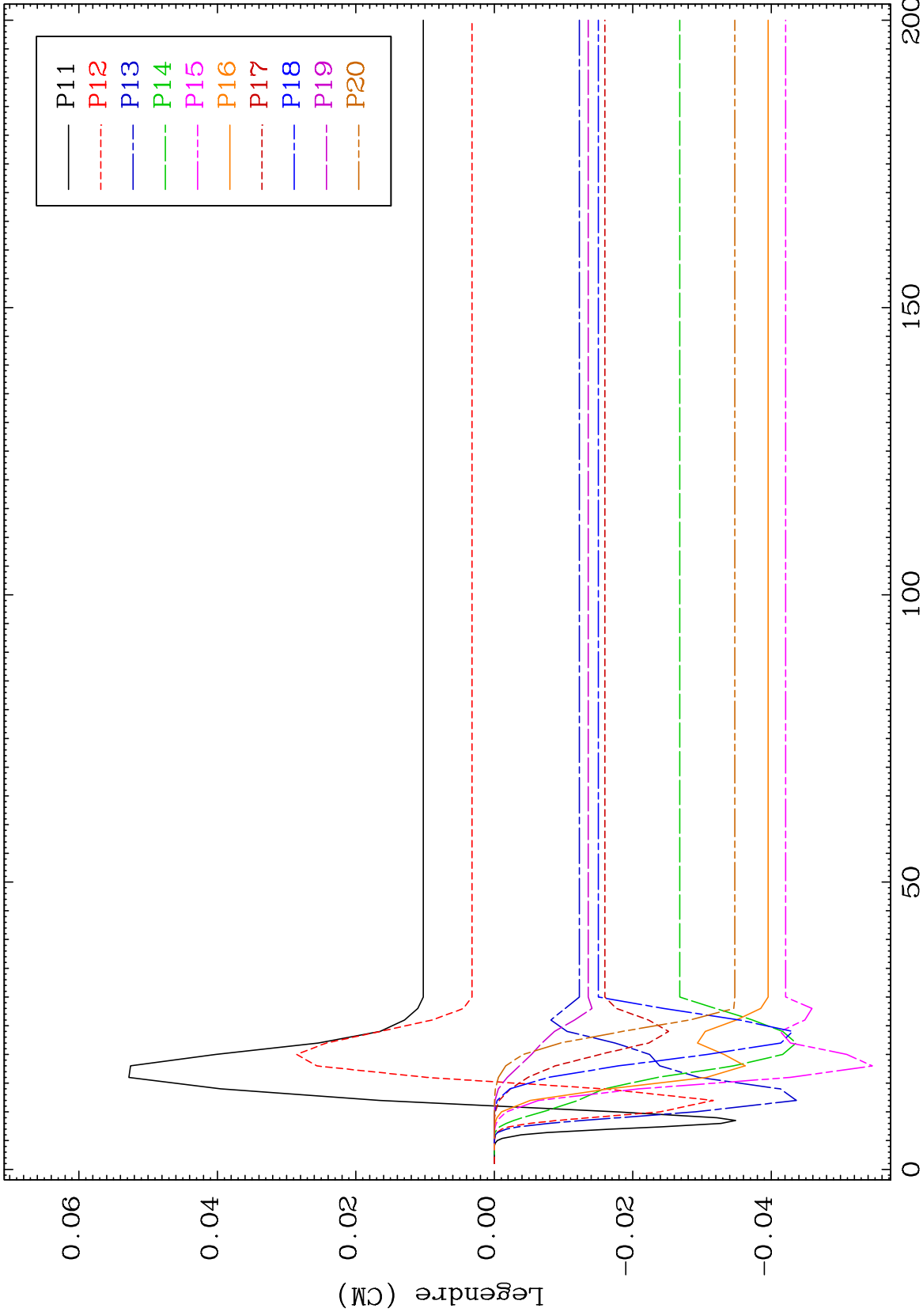
81-T1-205

Incident Energy (MeV)

MAT 8131

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

81-T1-205



21

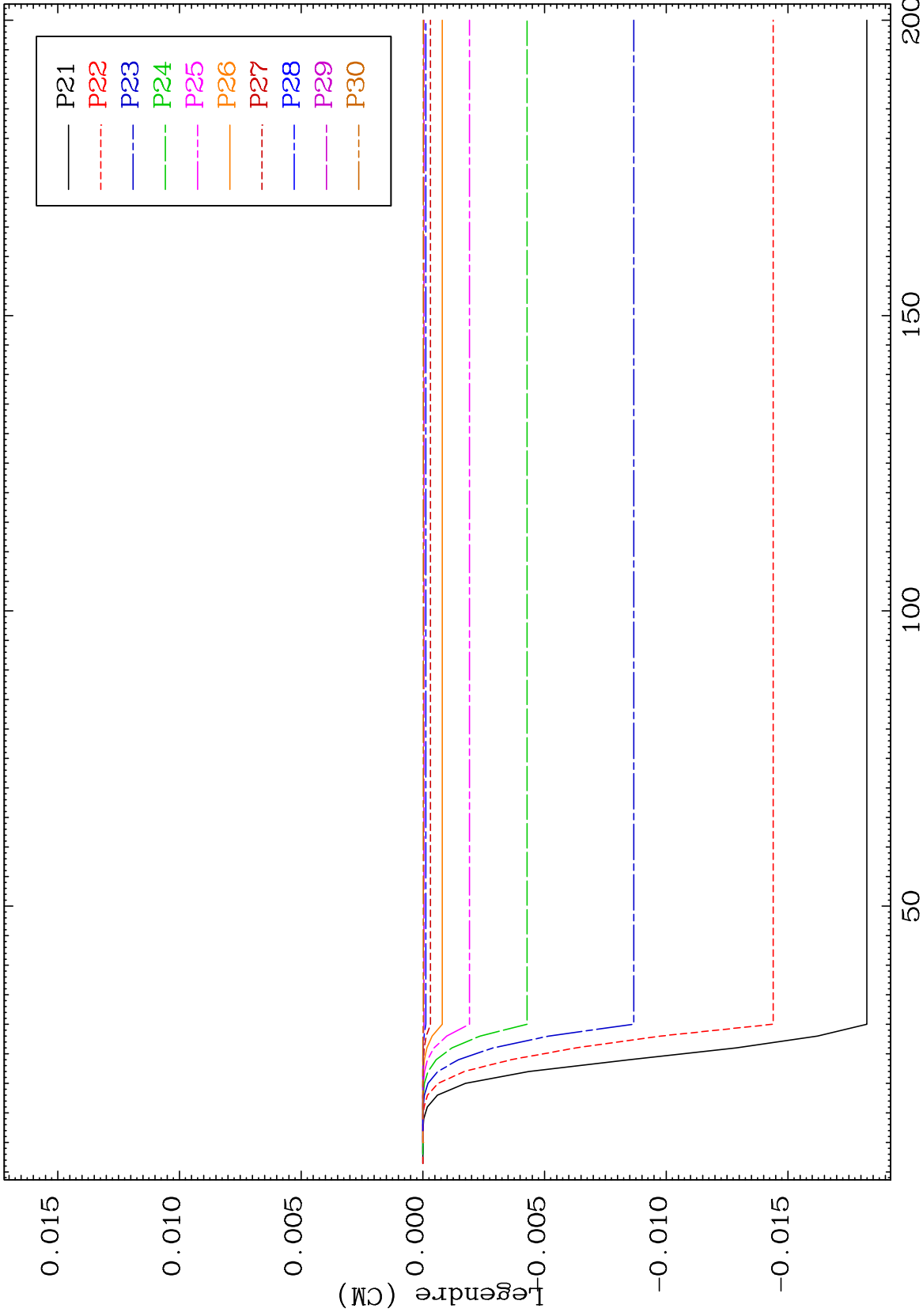
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



22

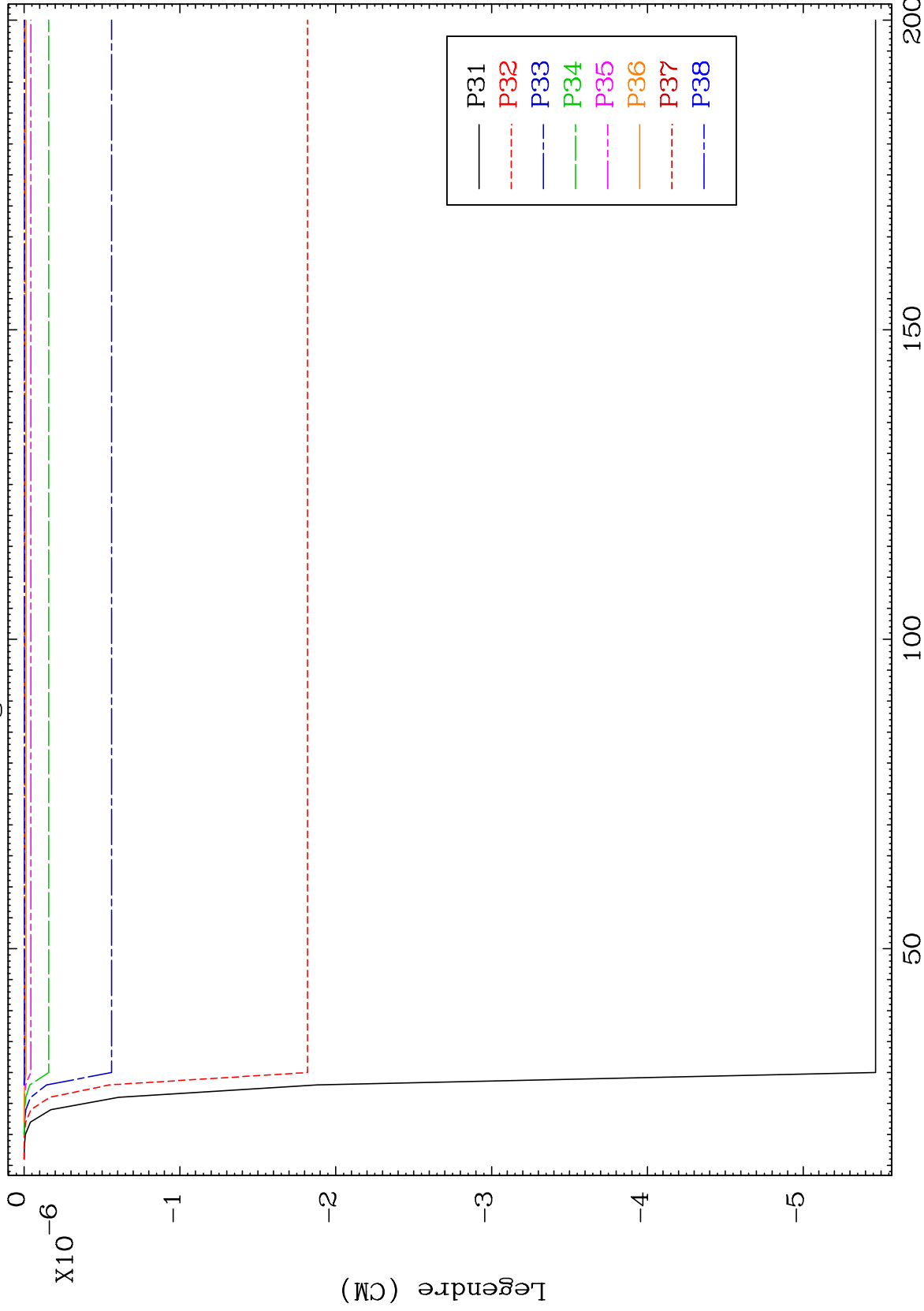
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



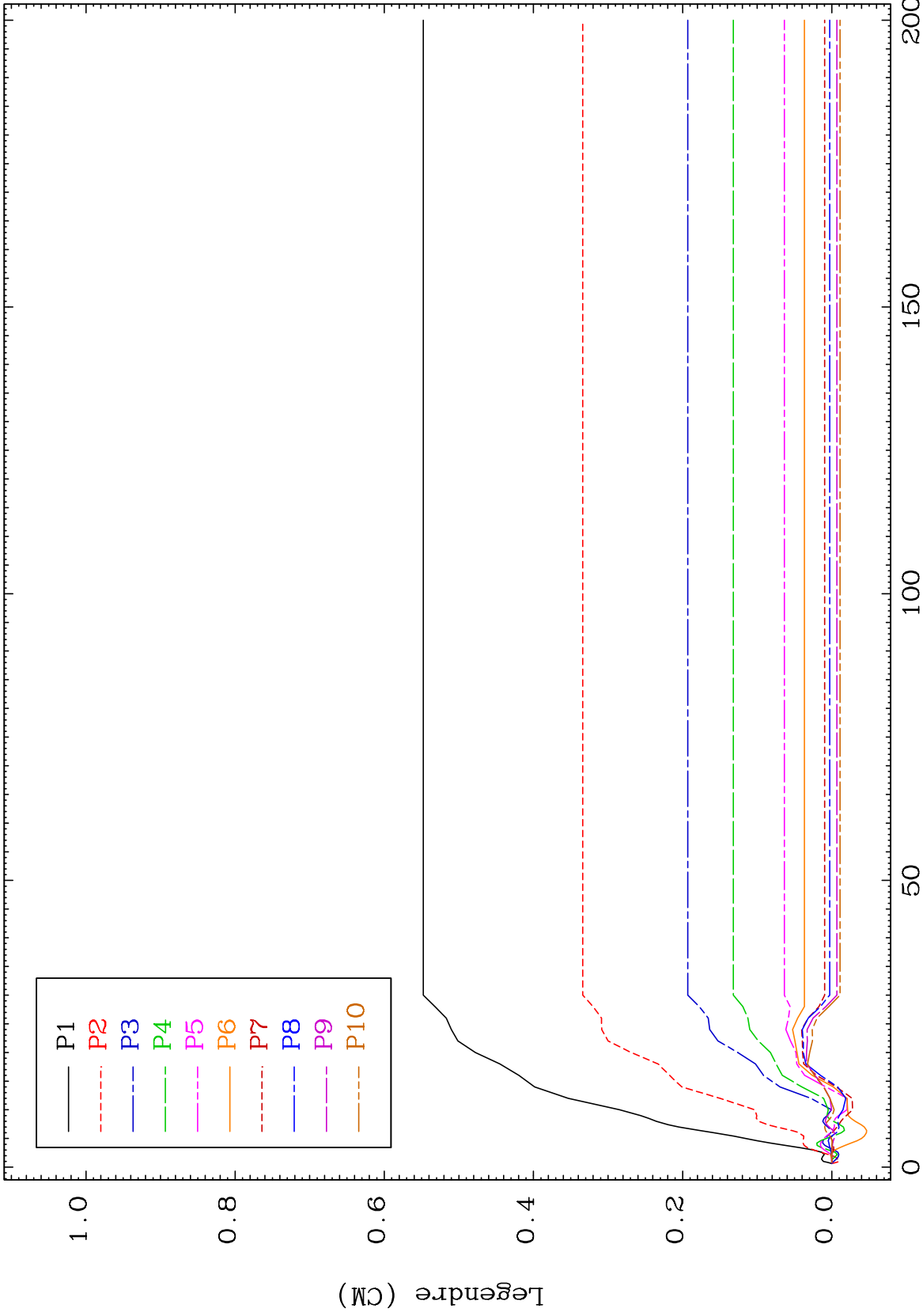
23

81-T1-205

MAT 8131

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

81-T1-205



24

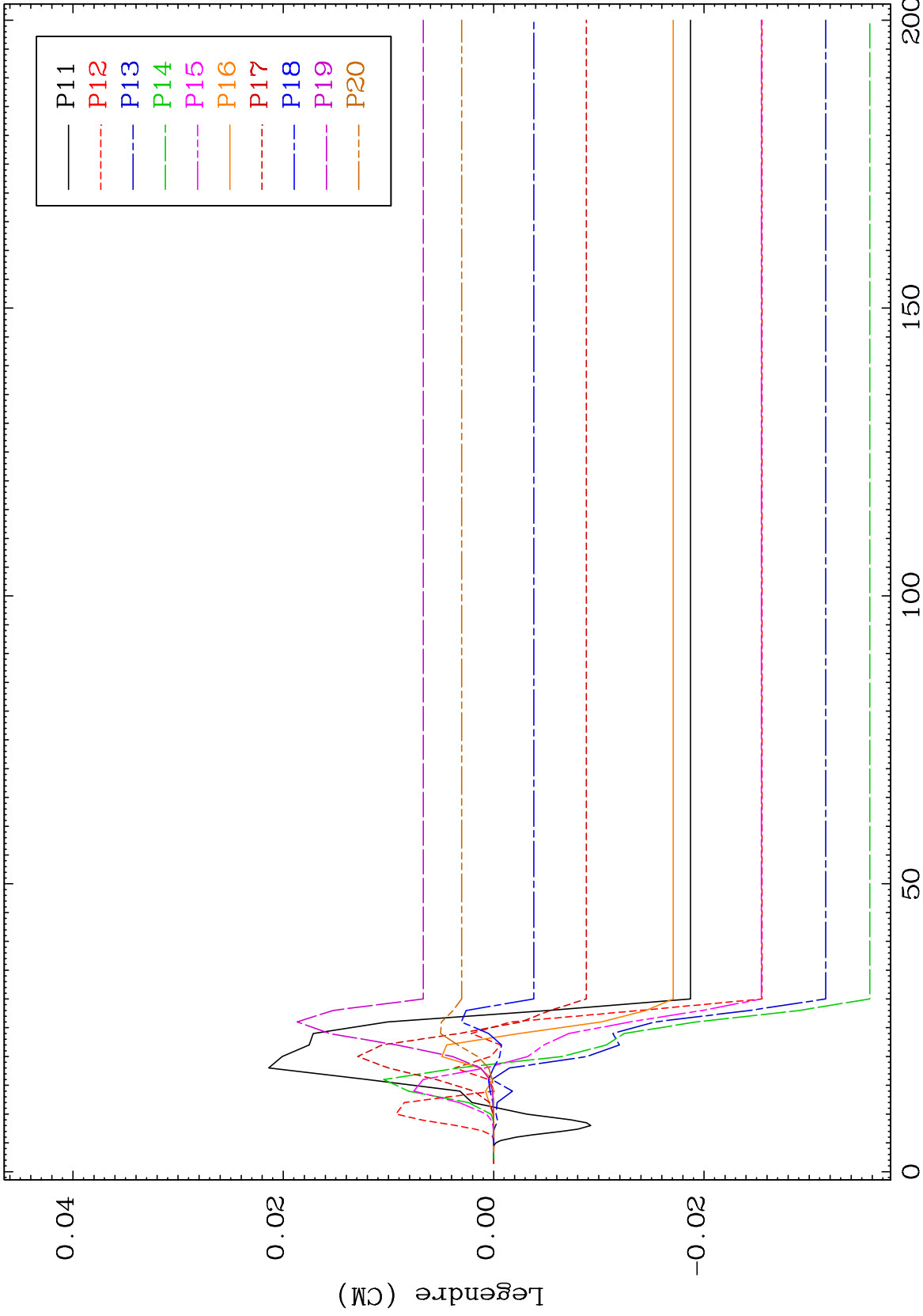
Incident Energy (MeV)

81-T1-205

MAT 8131

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

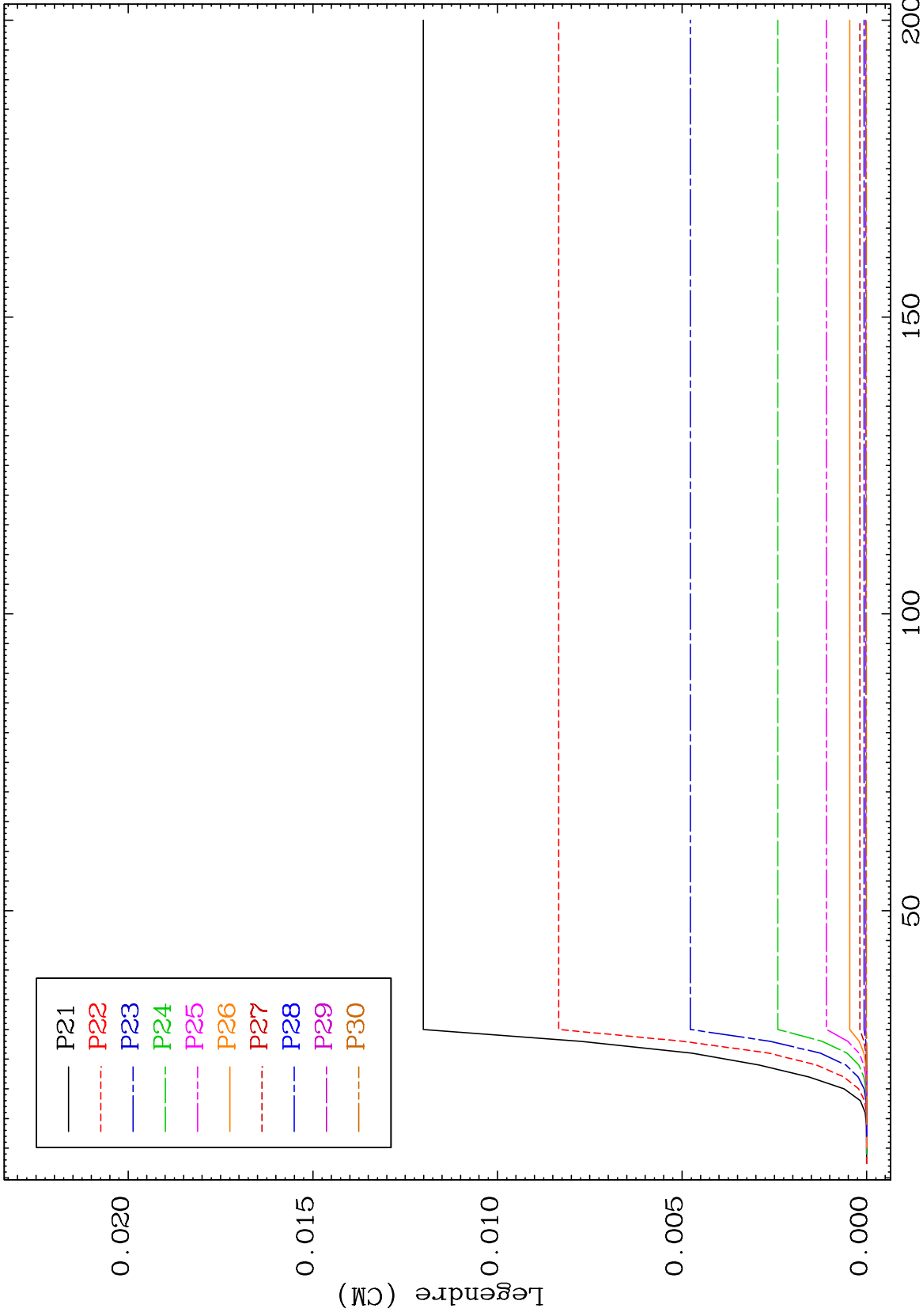
81-T1-205



25

Incident Energy (MeV)

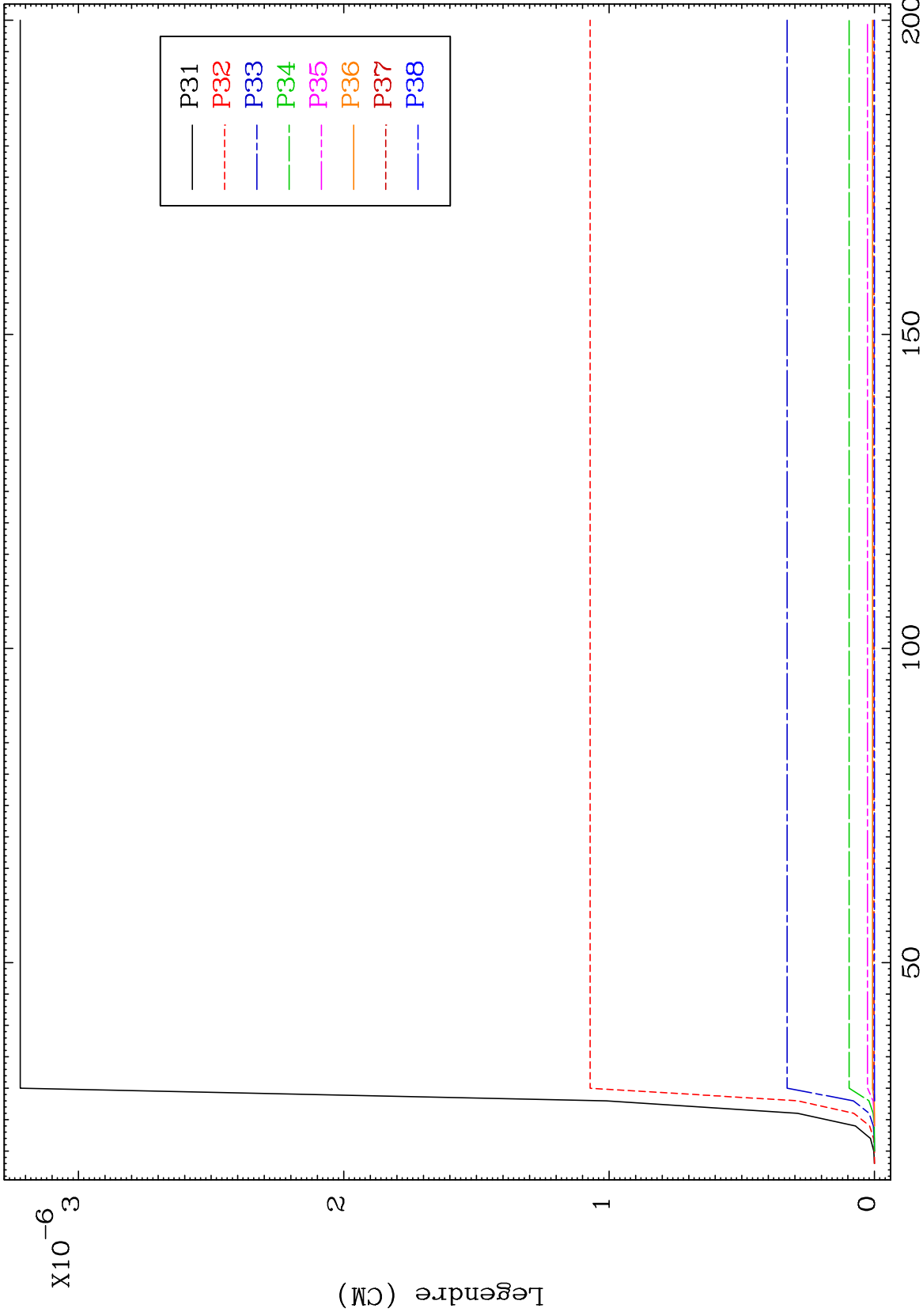
81-T1-205



MAT 8131

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

81-T1-205



27

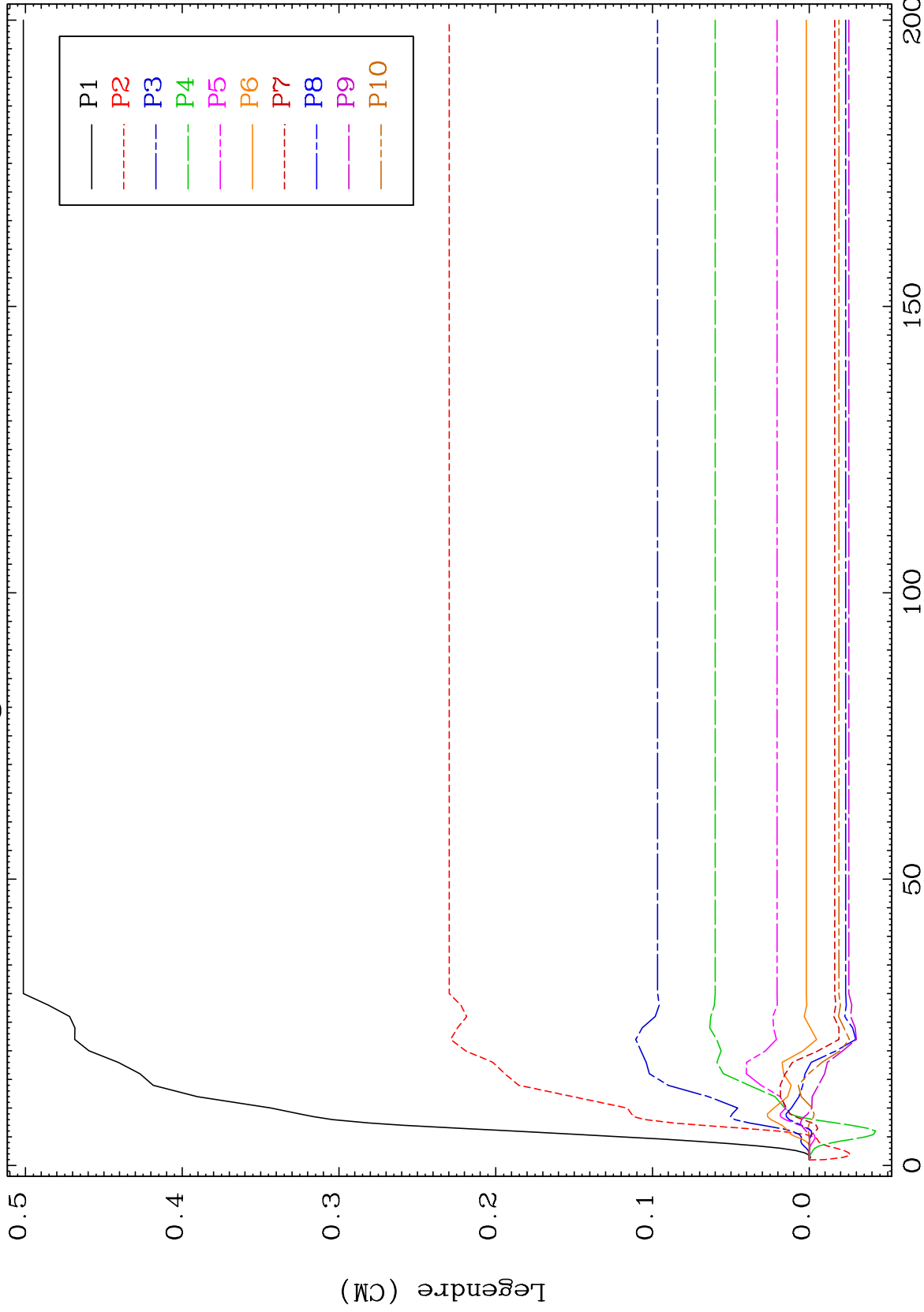
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



28

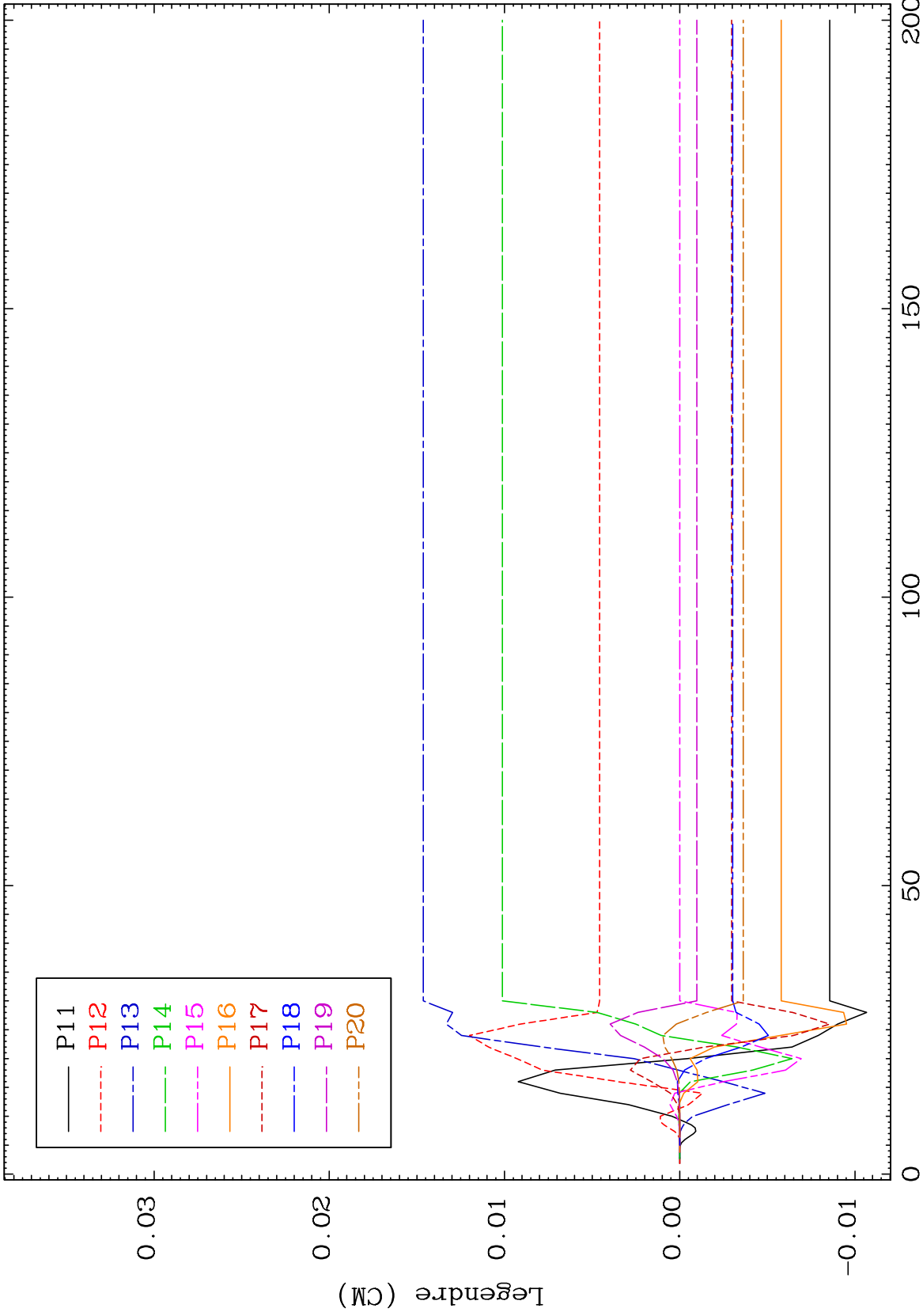
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



29

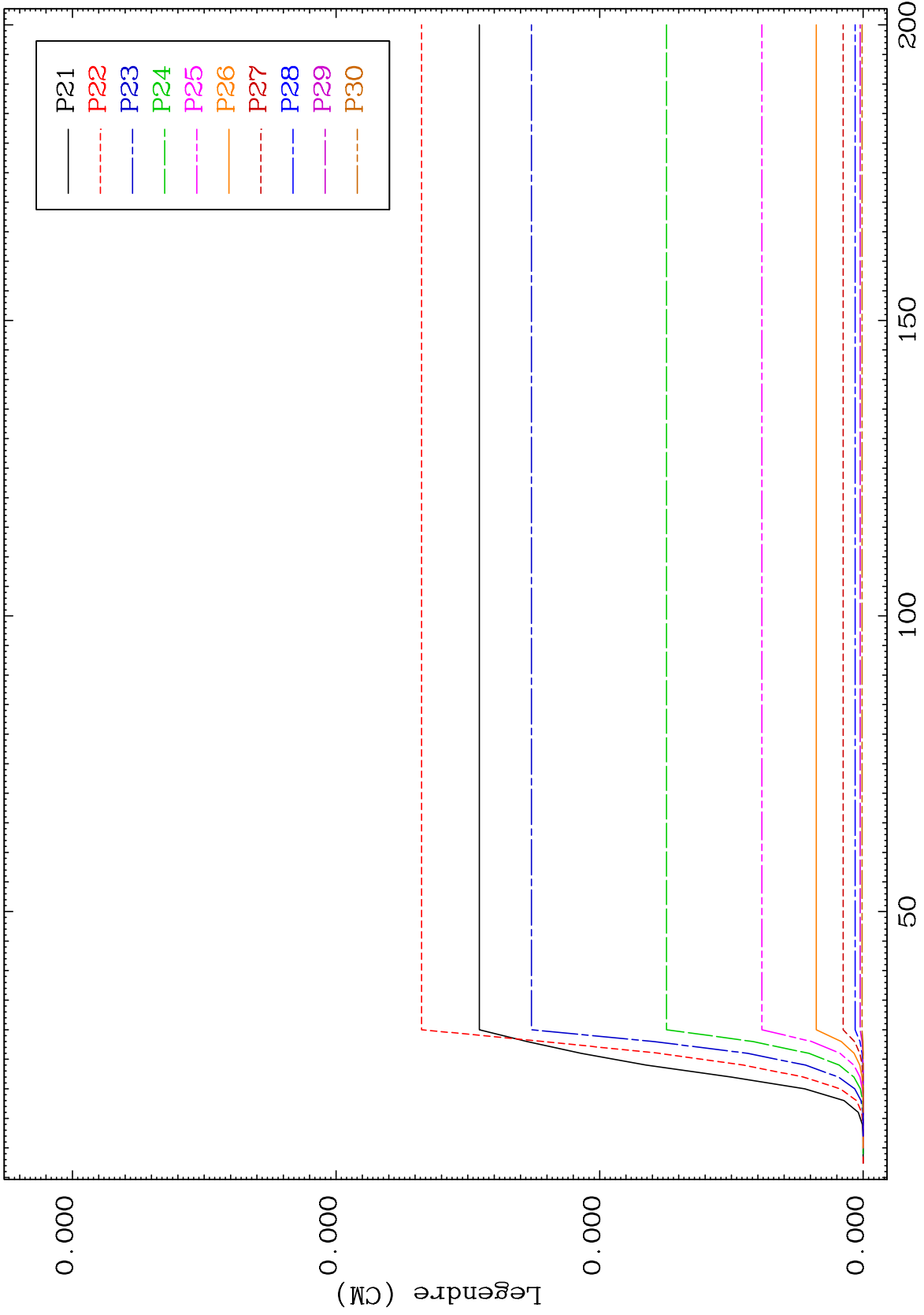
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



30

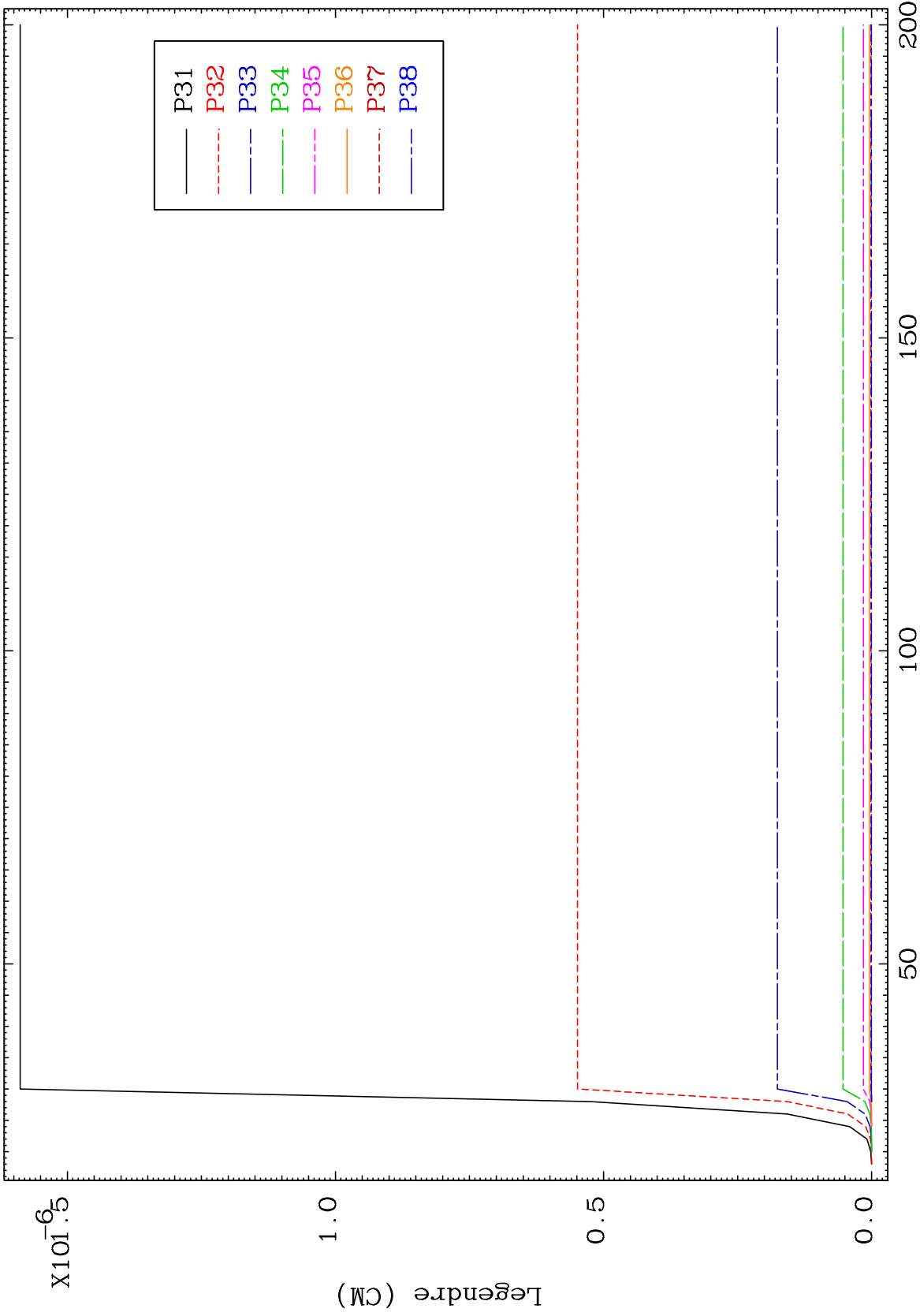
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



31

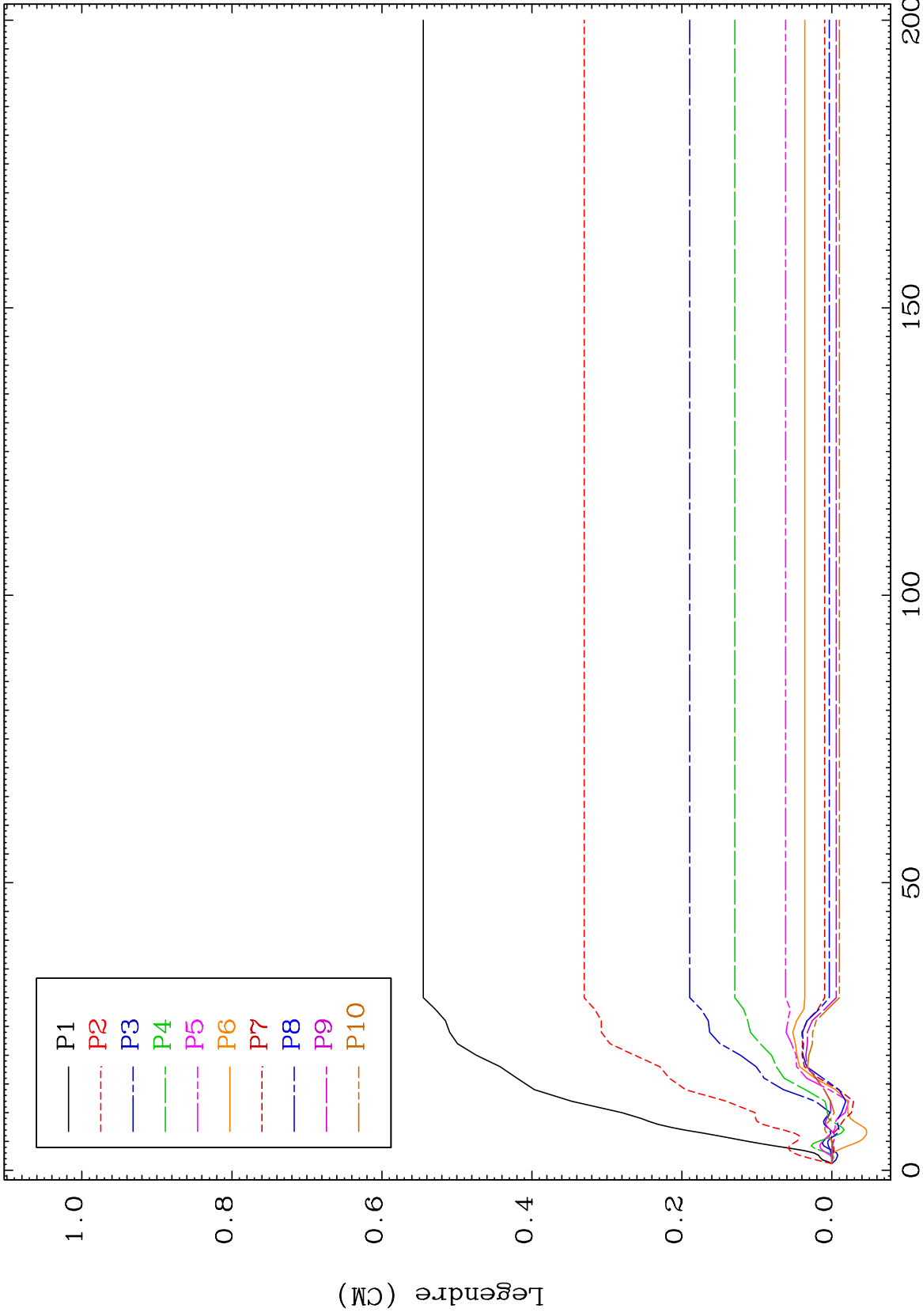
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



32

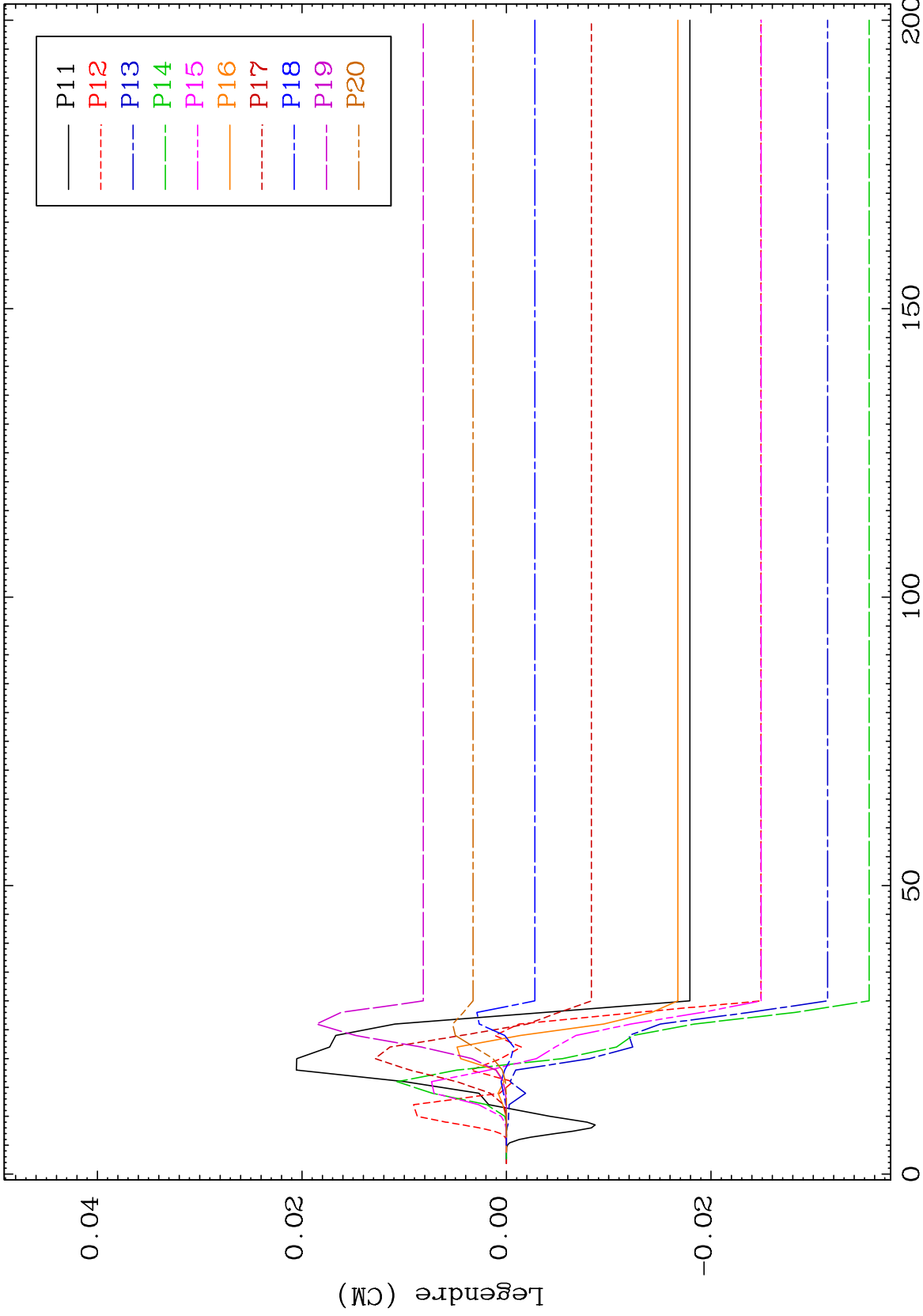
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



33

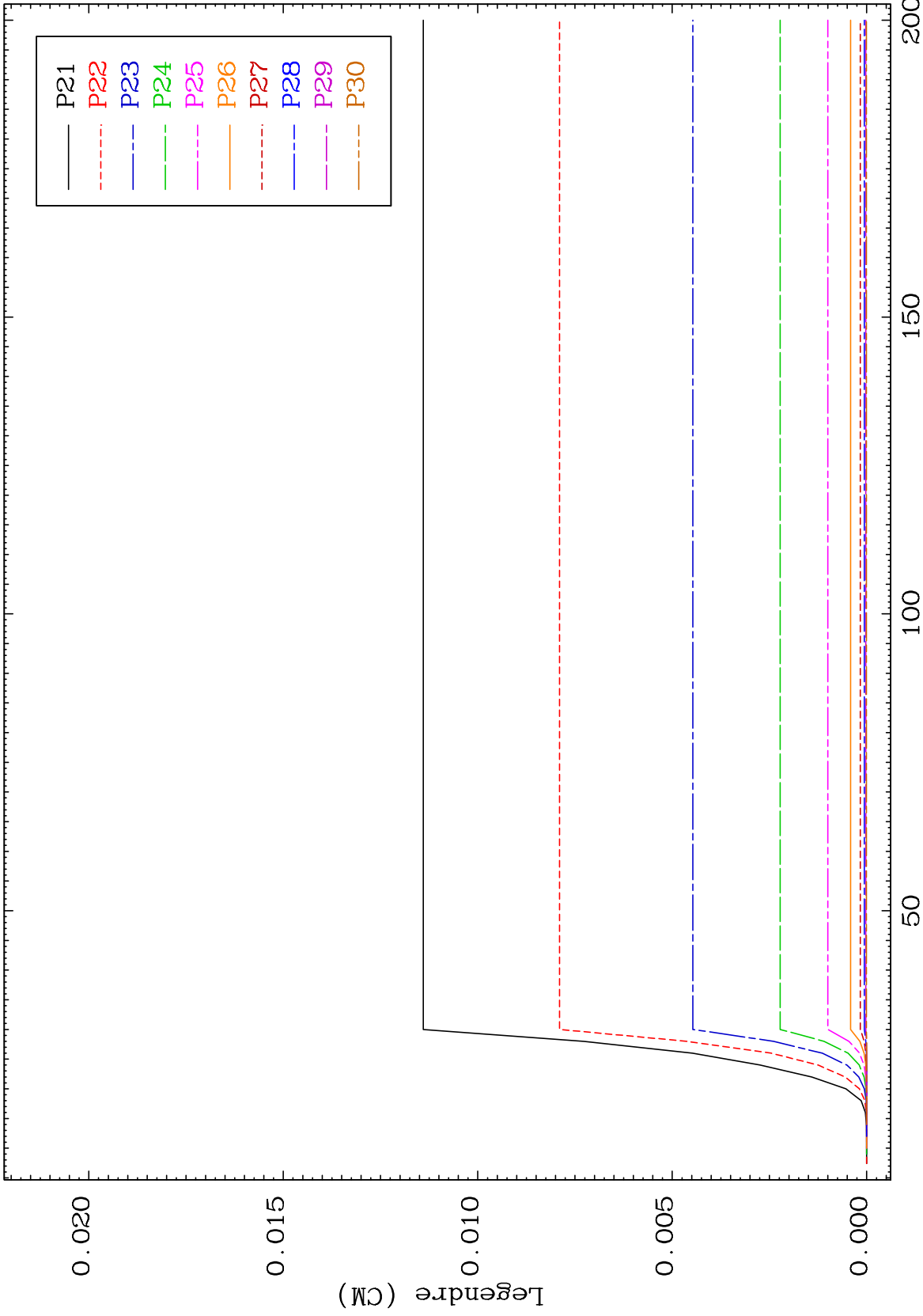
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



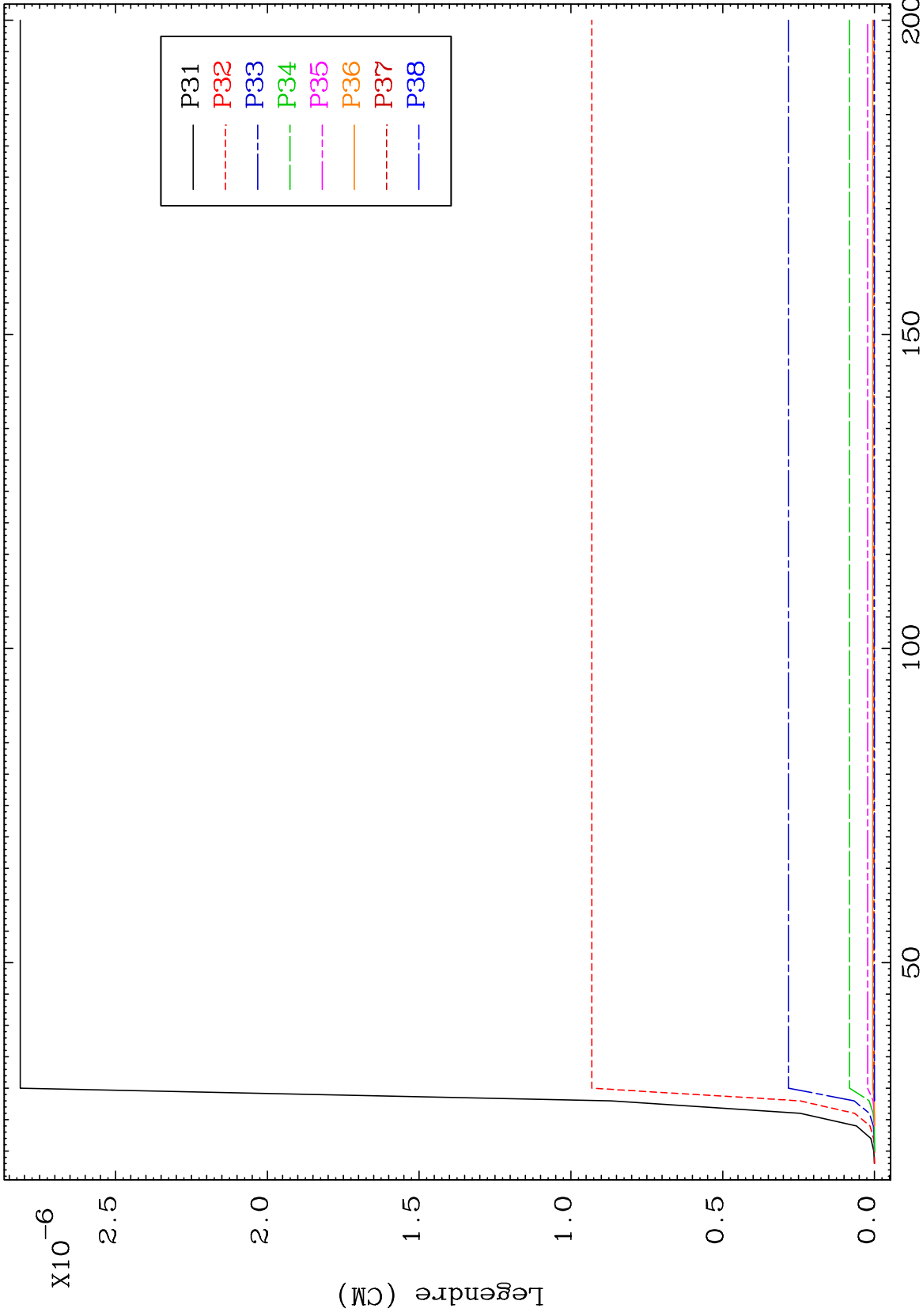
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81-T1-205

MAT 8131

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

81-T1-205



35

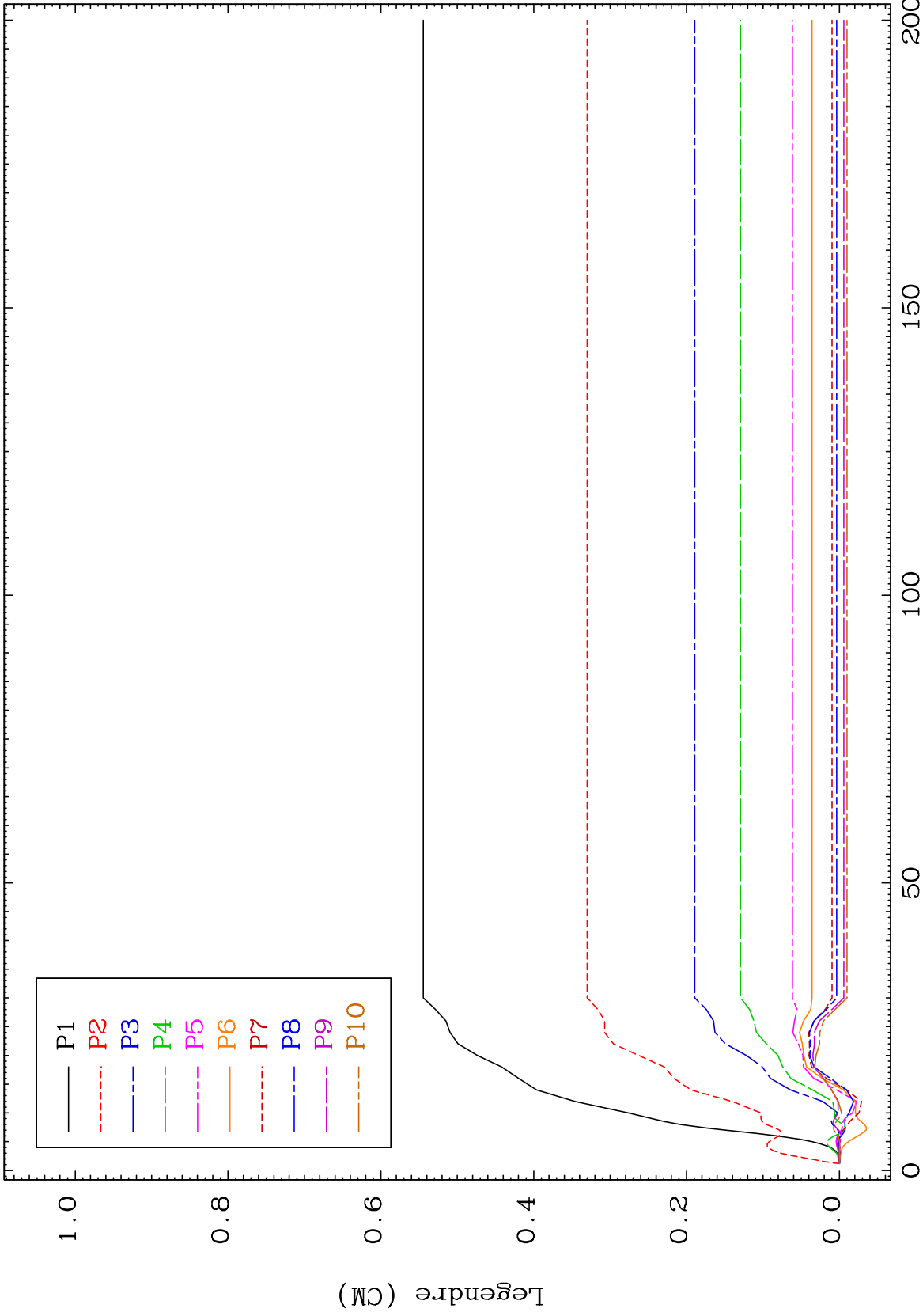
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



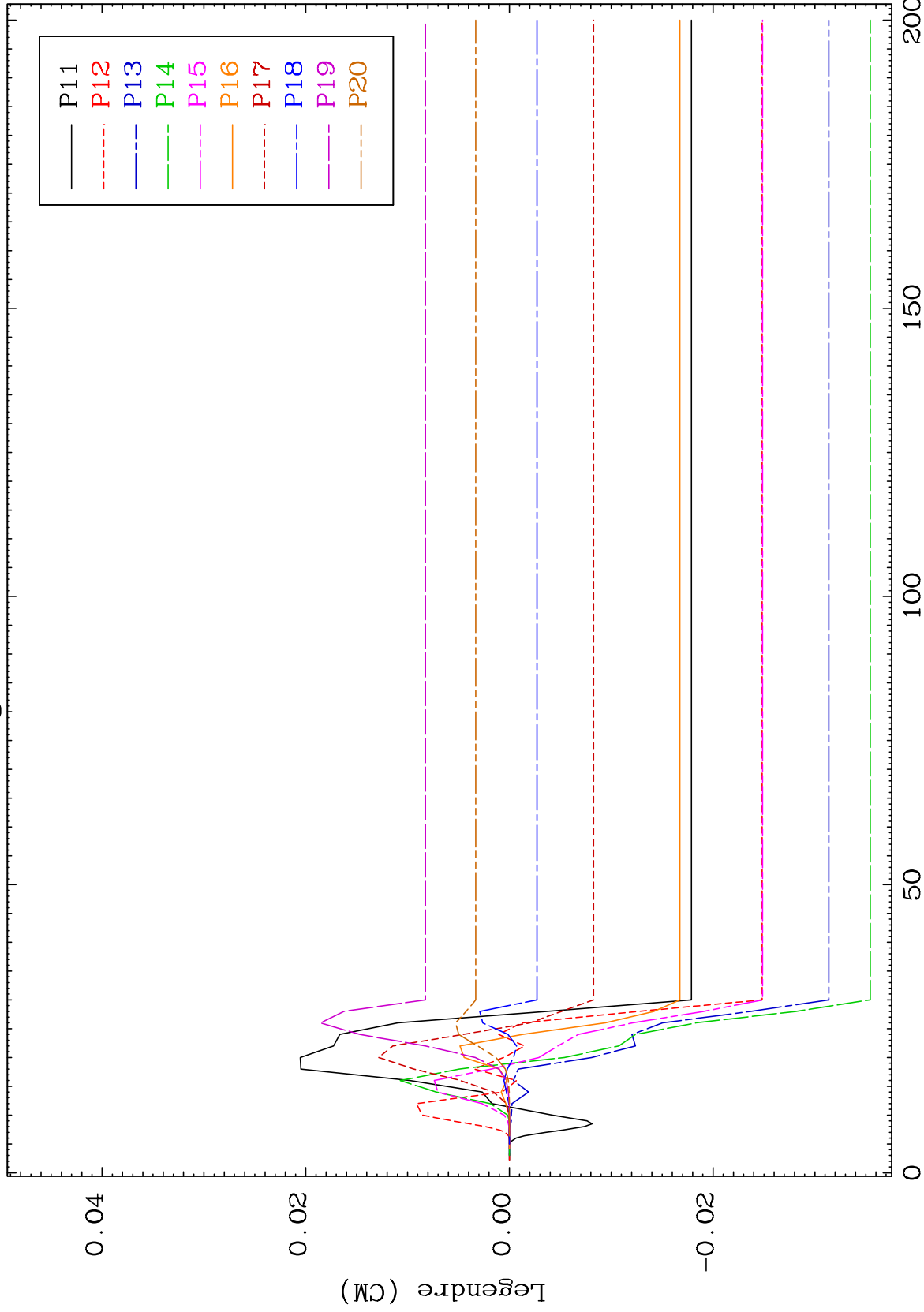
36

81-T1-205

MAT 8131

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

81-T1-205



37

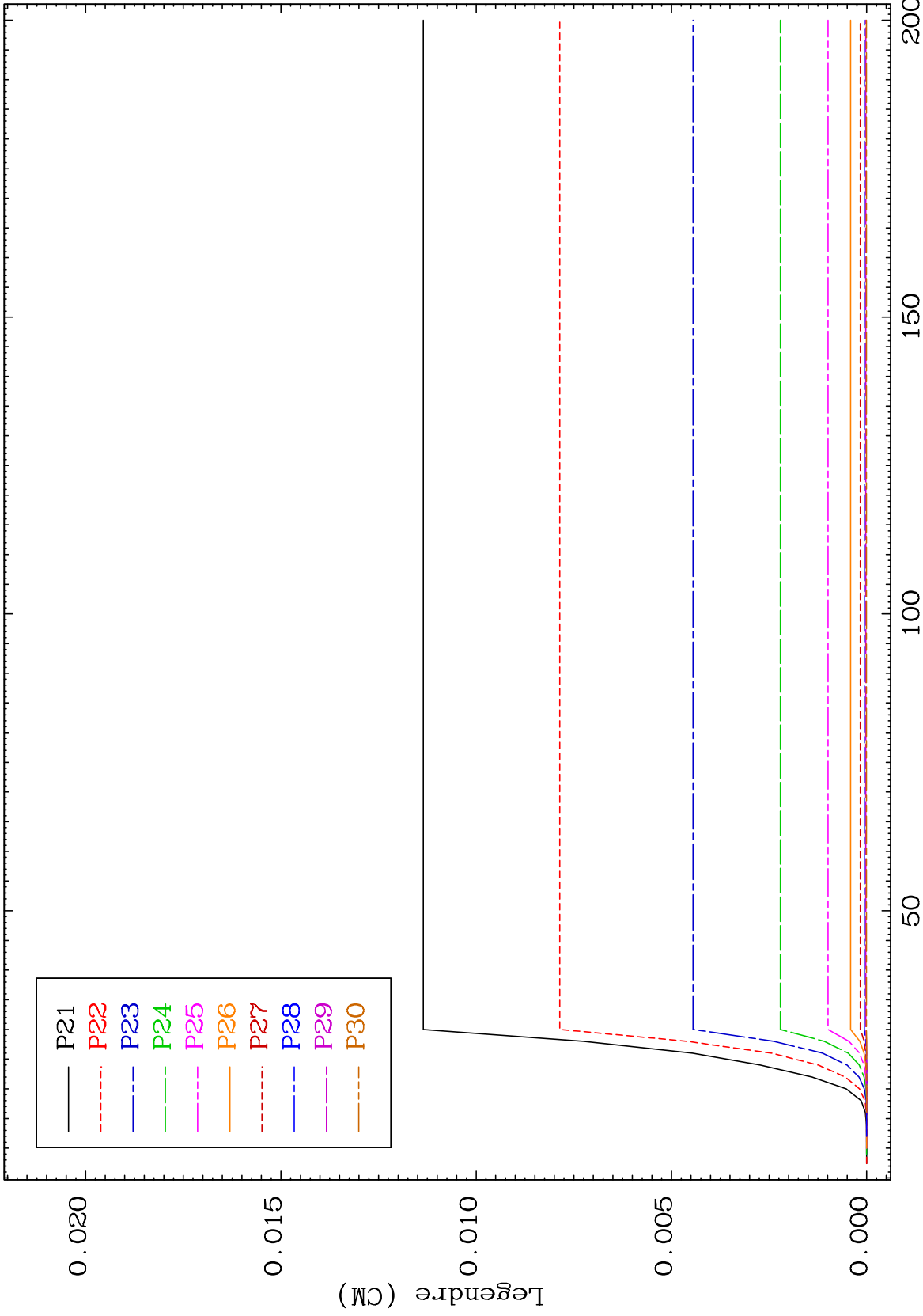
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



38

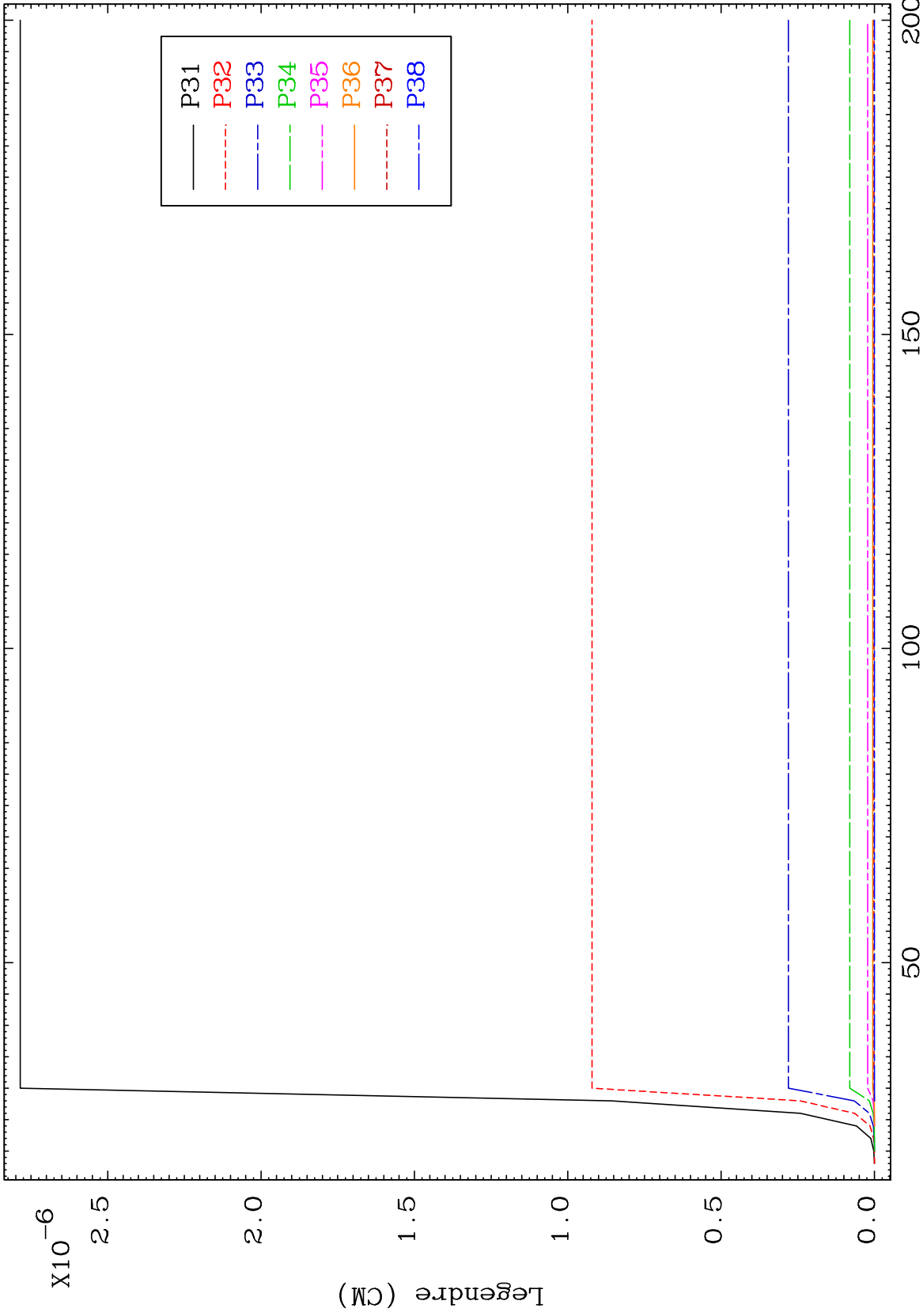
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205

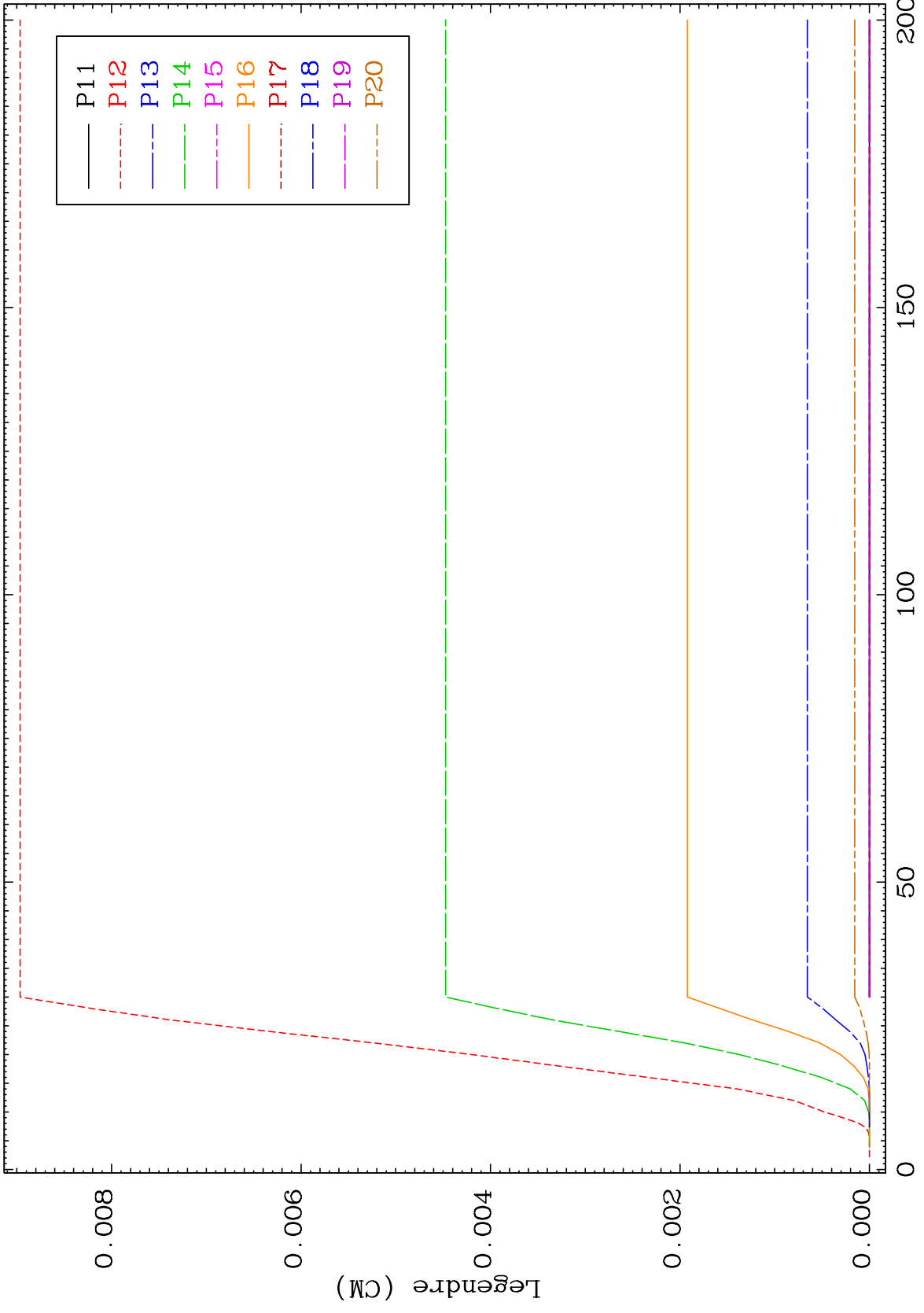


39

Incident Energy (MeV)

81-T1-205

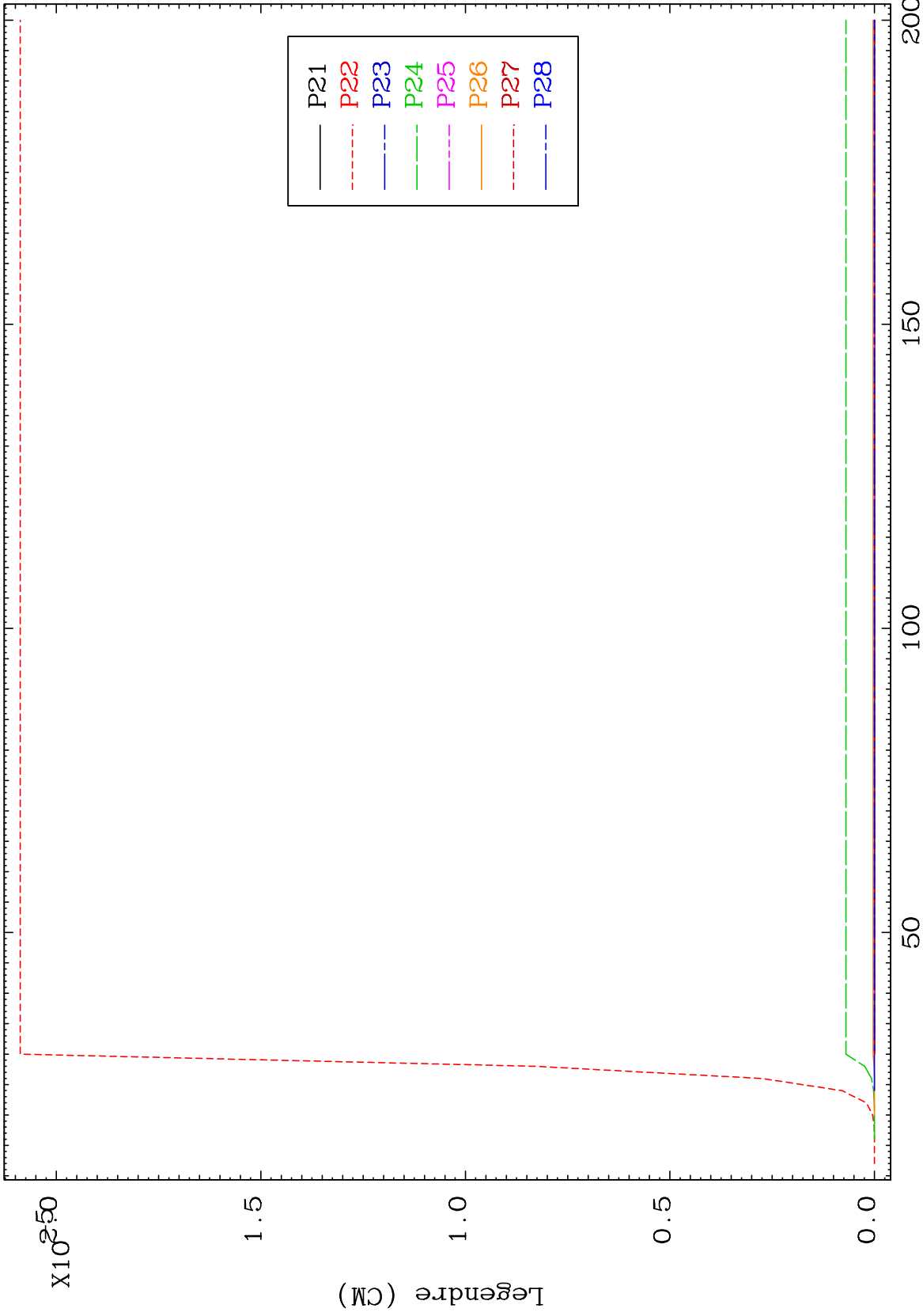
MAT 8131 MT= 56 (n,n') Level Legendre Coefficients 81-T1-205



MAT 8131

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

81-T1-205



42

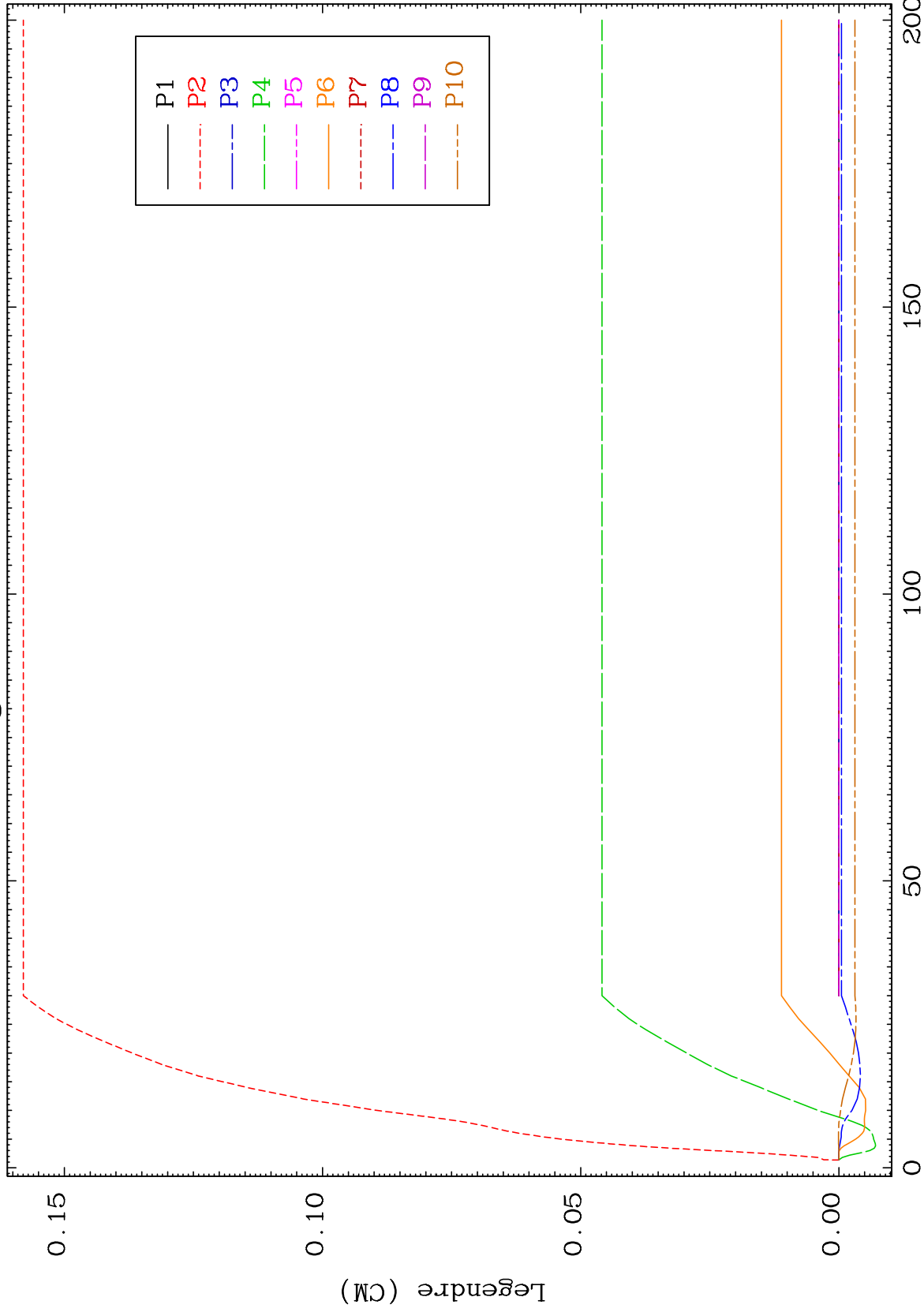
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



43

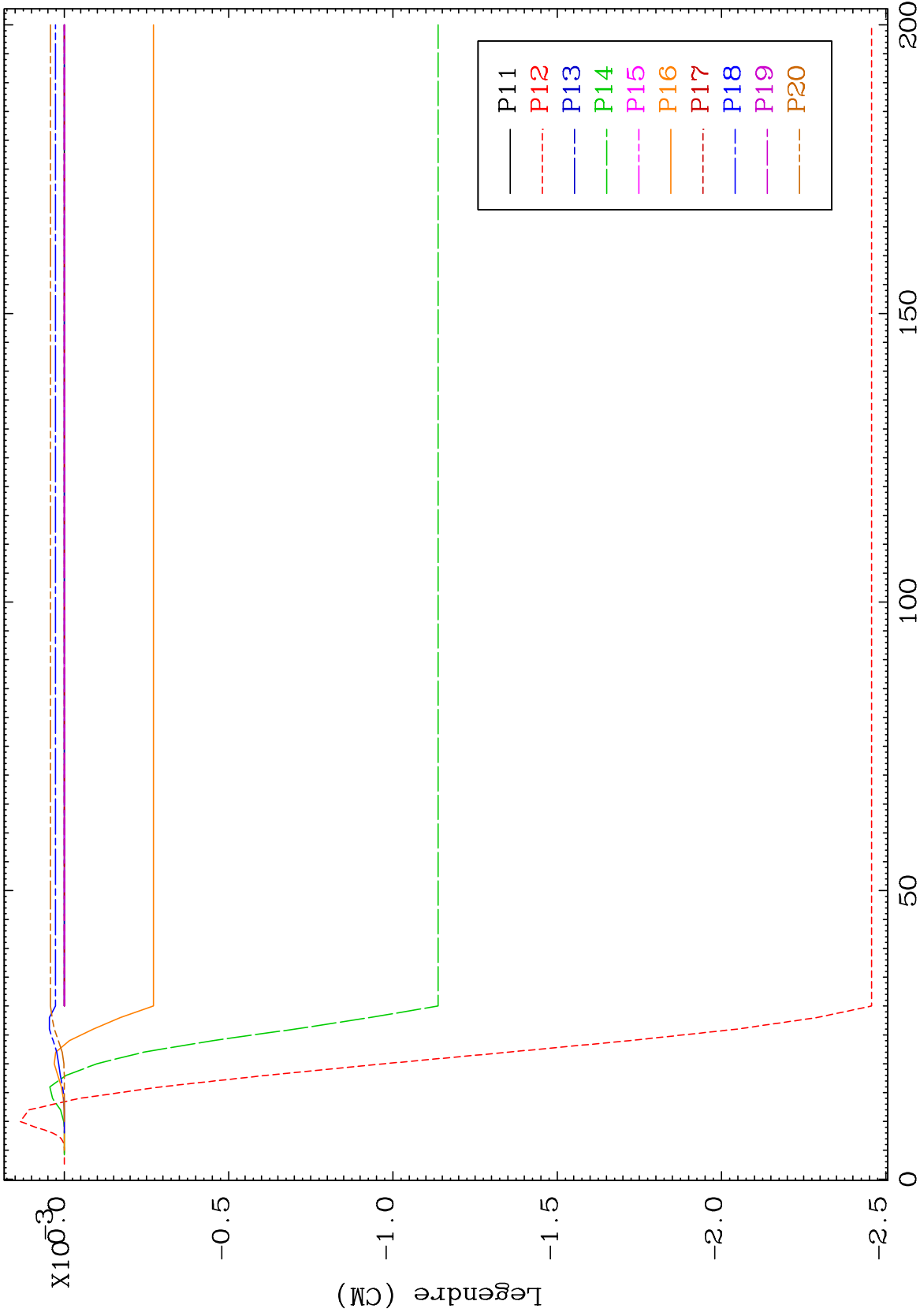
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



44

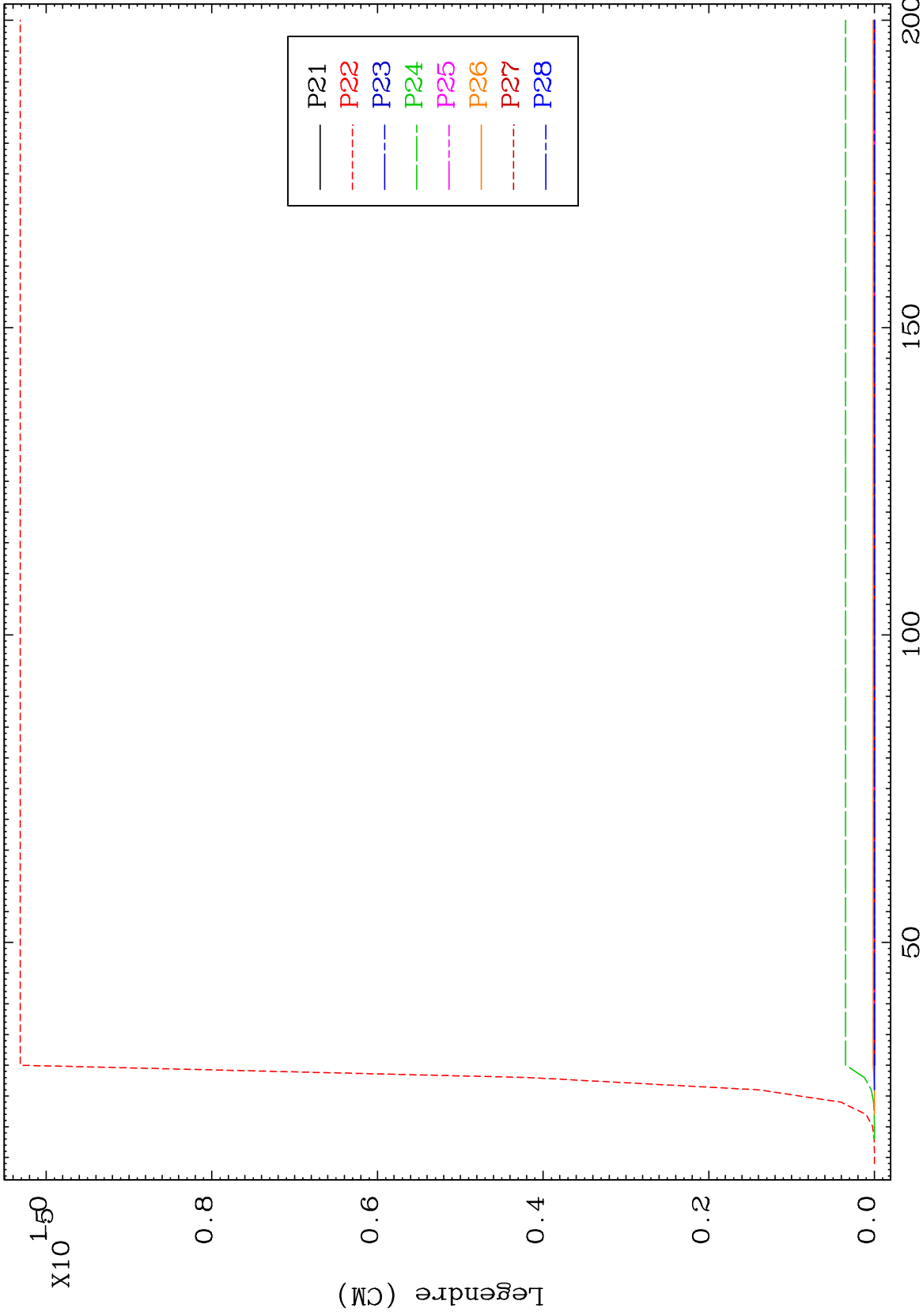
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



45

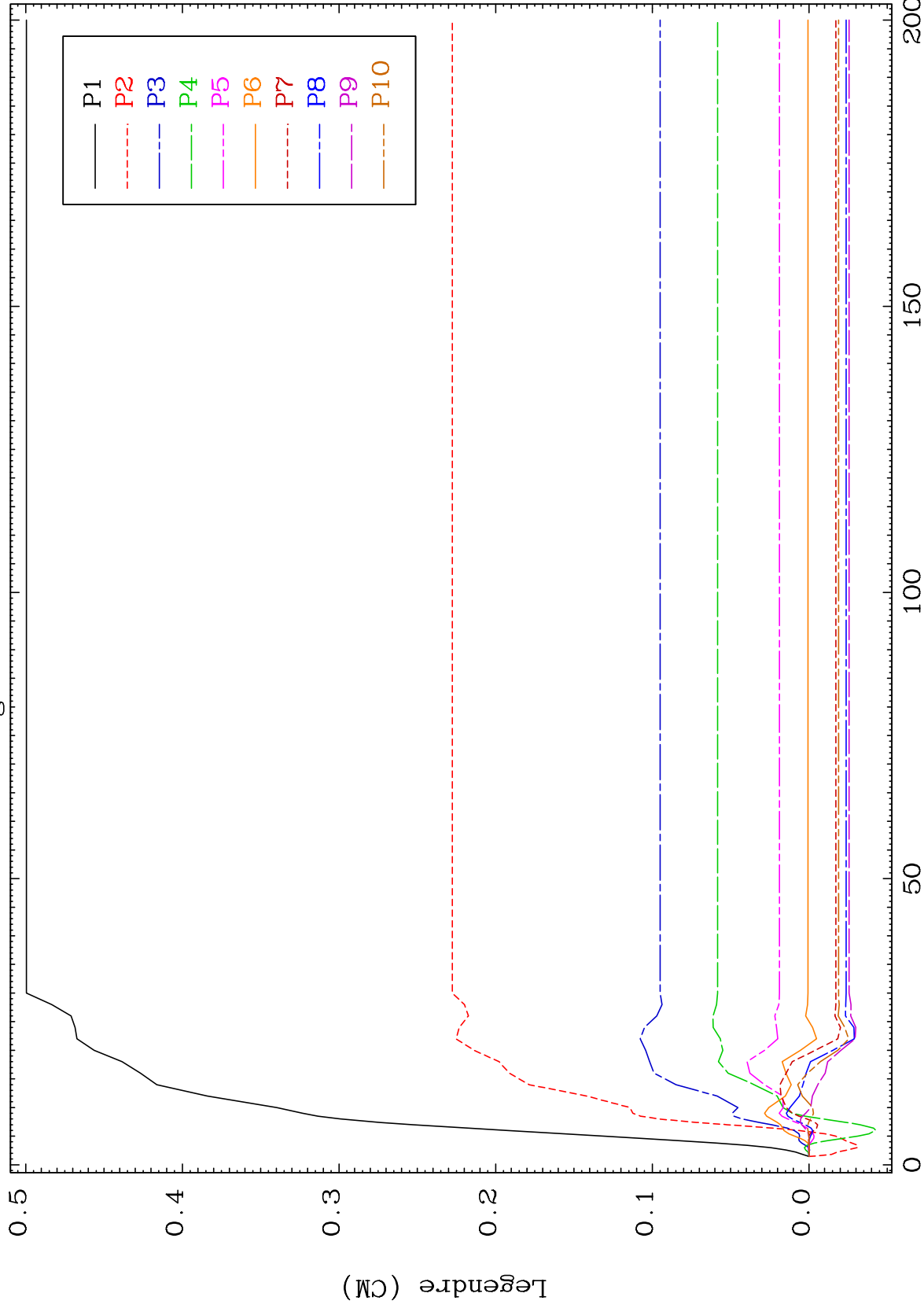
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



46

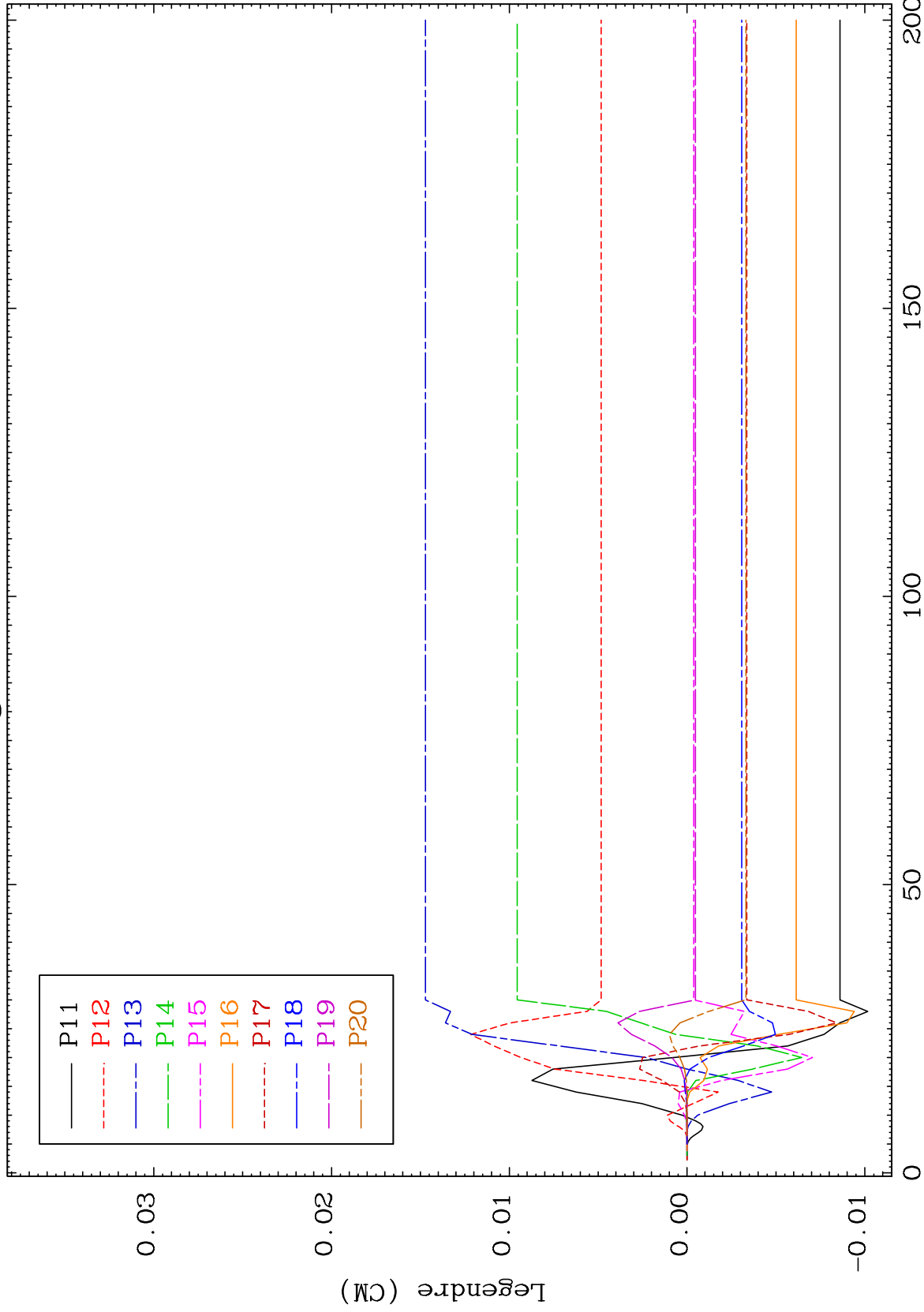
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



47

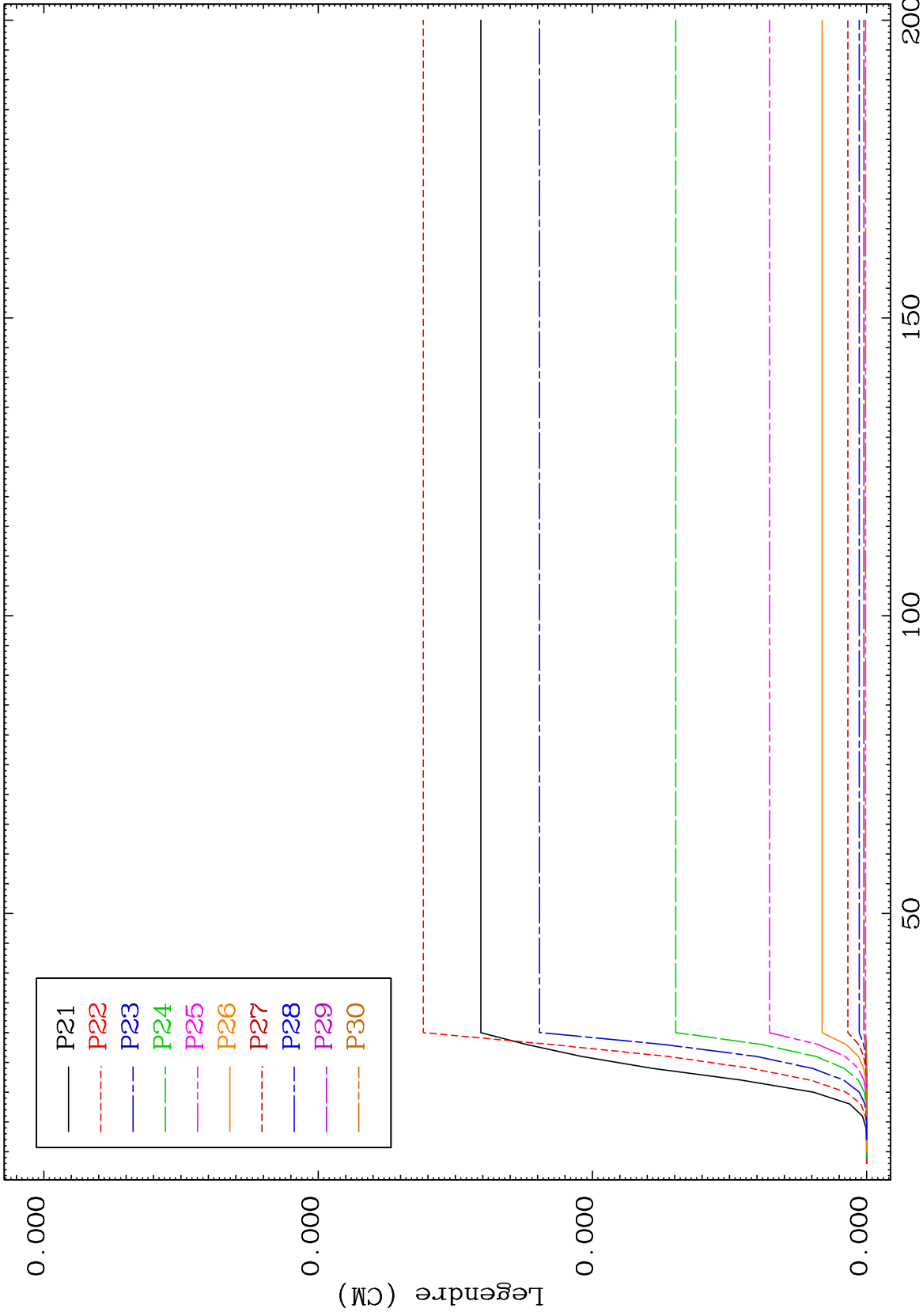
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



48

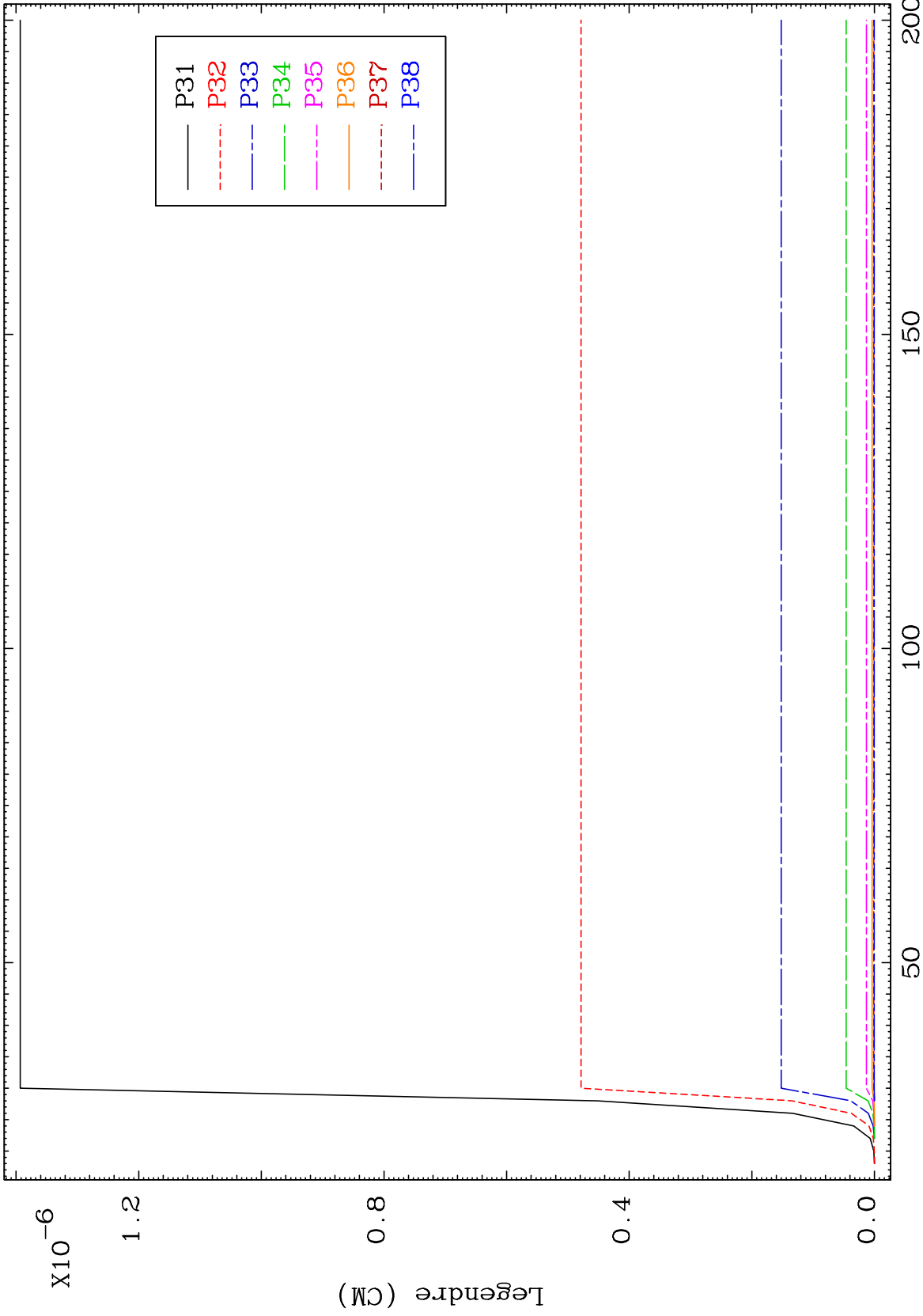
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205

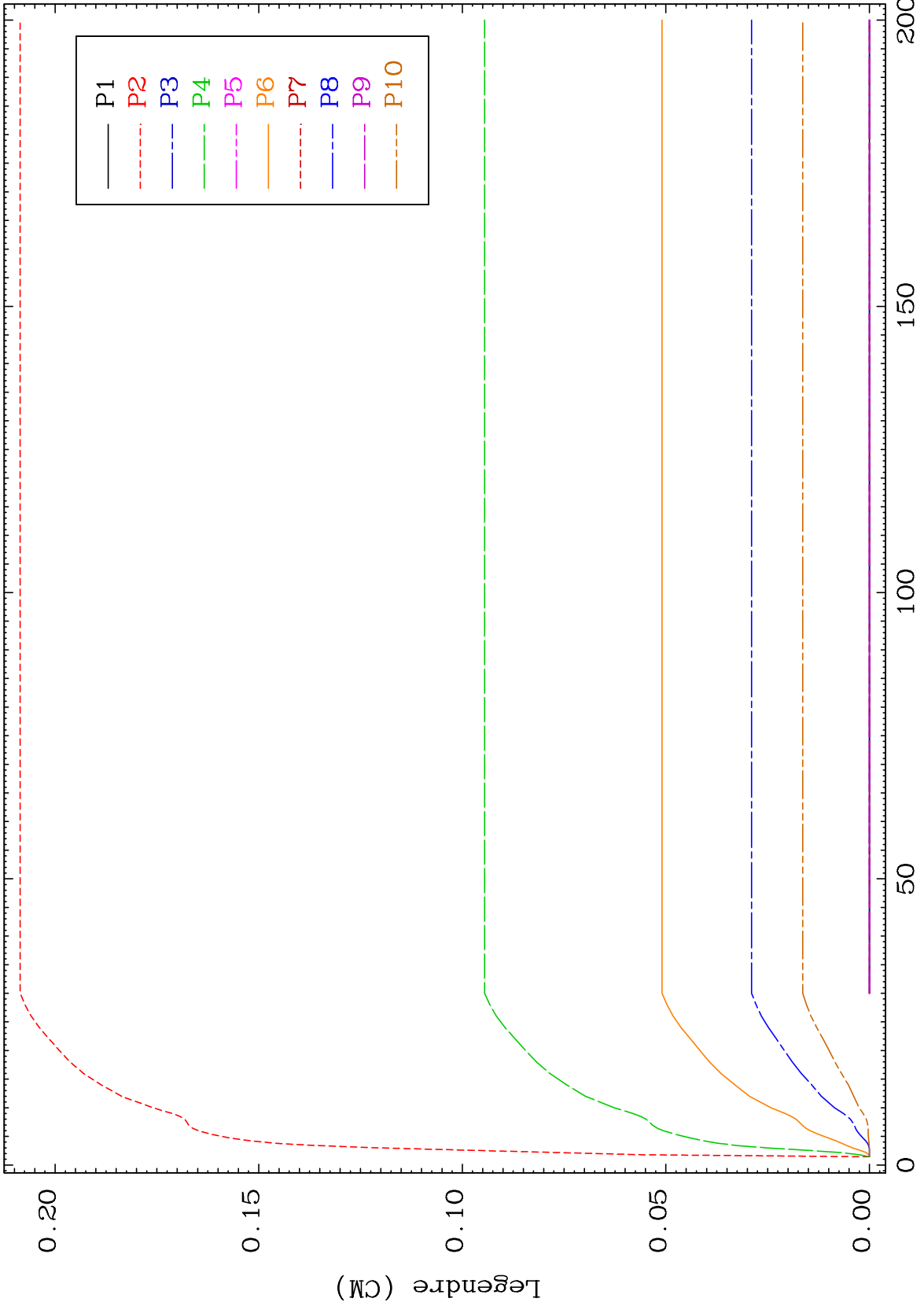


49

Incident Energy (MeV)

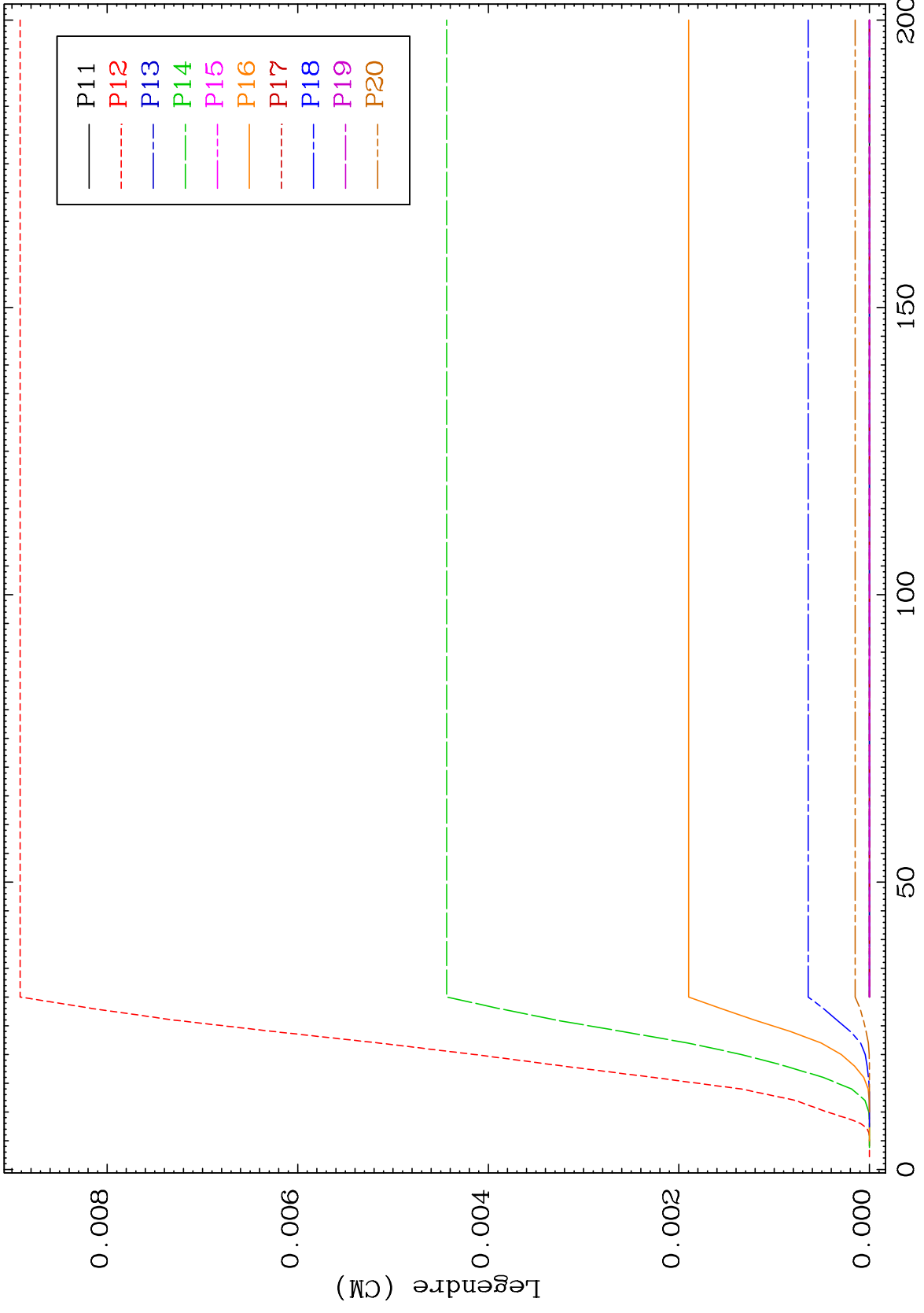
81-T1-205

MAT 8131 MT= 59 (n,n') Level Legendre Coefficients 81-T1-205



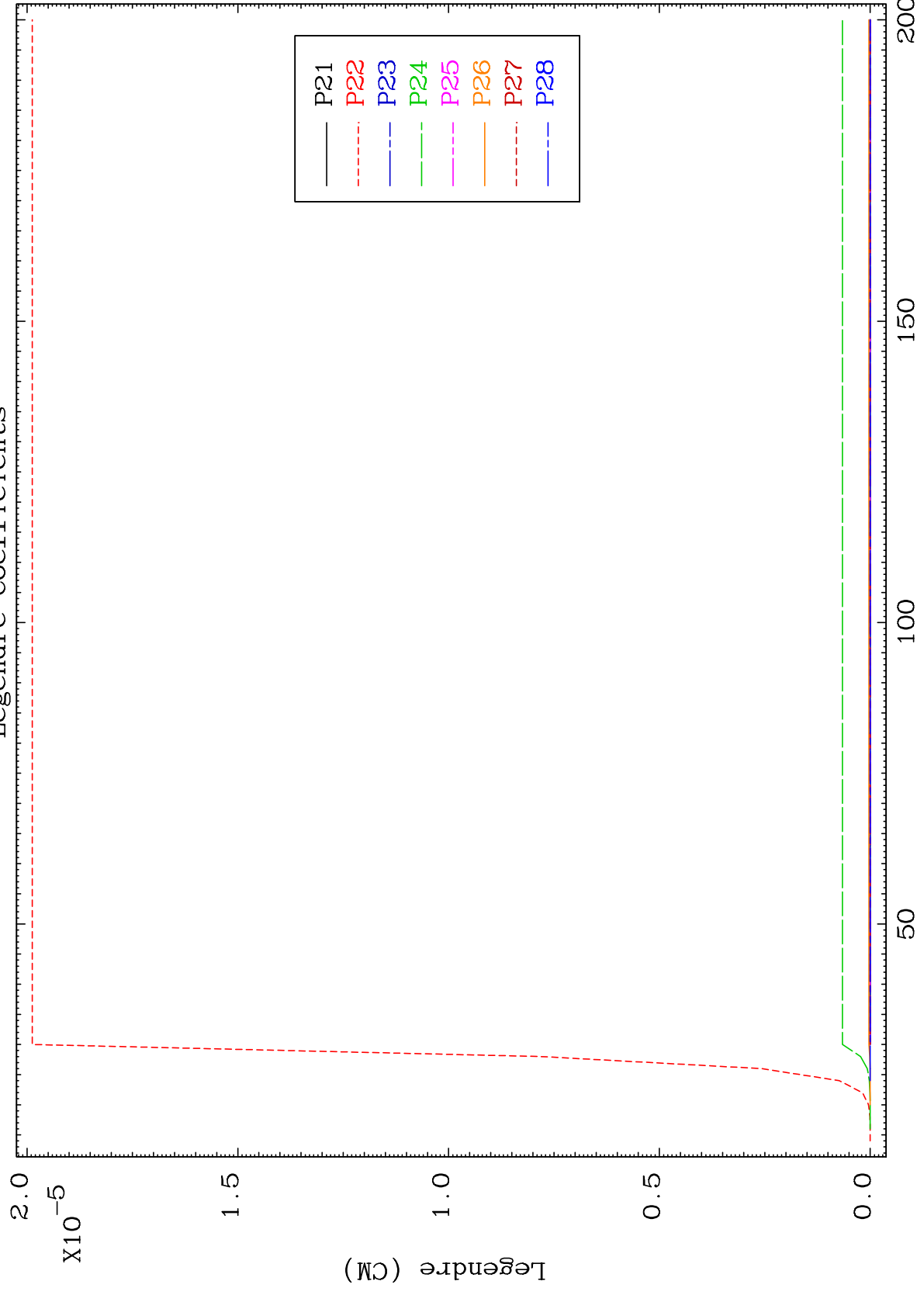
81-T1-205 Incident Energy (MeV)

MAT 8131 MT= 59 (n,n') Level Legendre Coefficients 81-T1-205



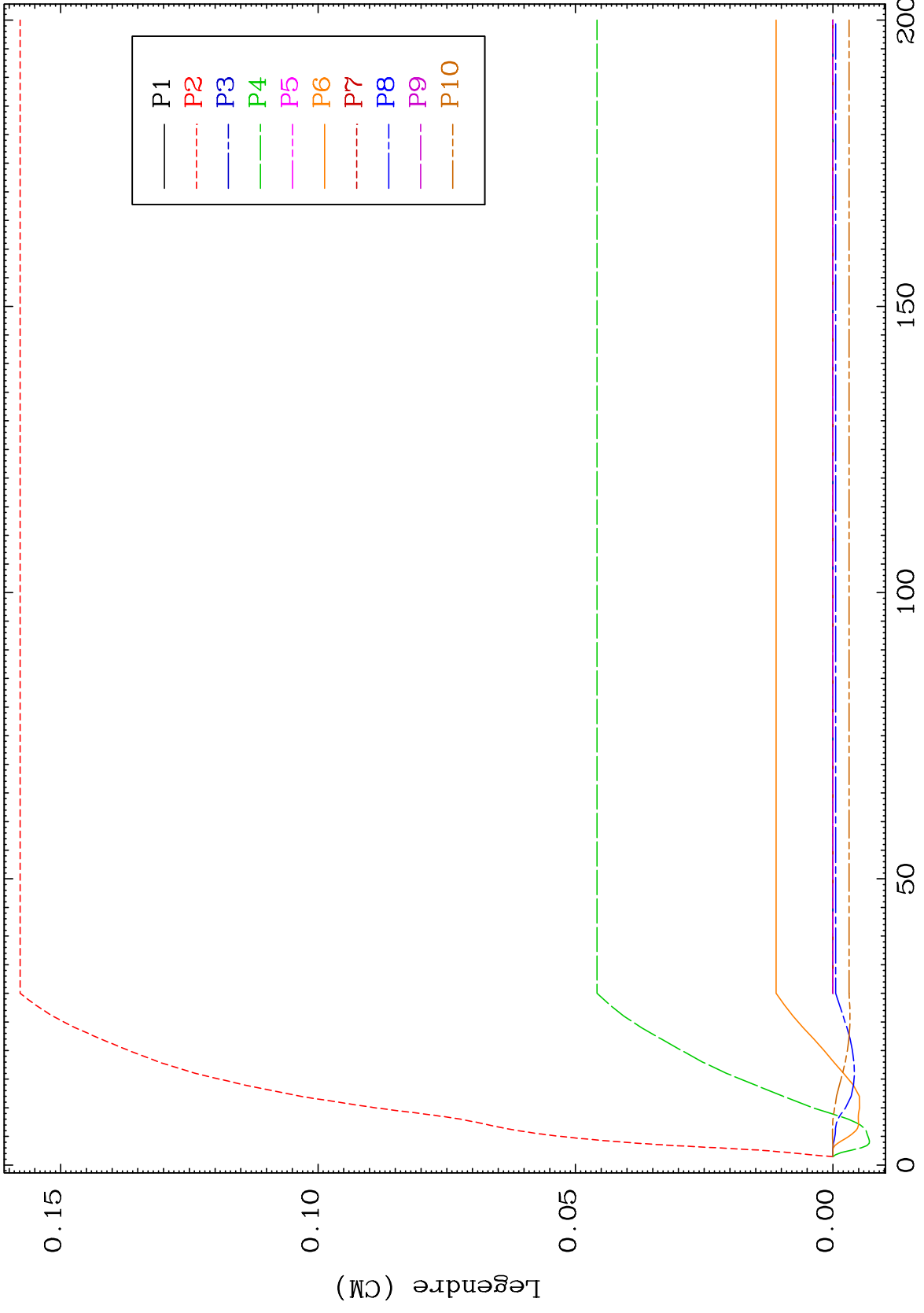
51 81-T1-205

MAT 8131 MT= 59 (n,n') Level Legendre Coefficients 81-T1-205



52 Incident Energy (MeV) 81-T1-205

MAT 8131 MT= 60 (n,n') Level Legendre Coefficients 81-T1-205

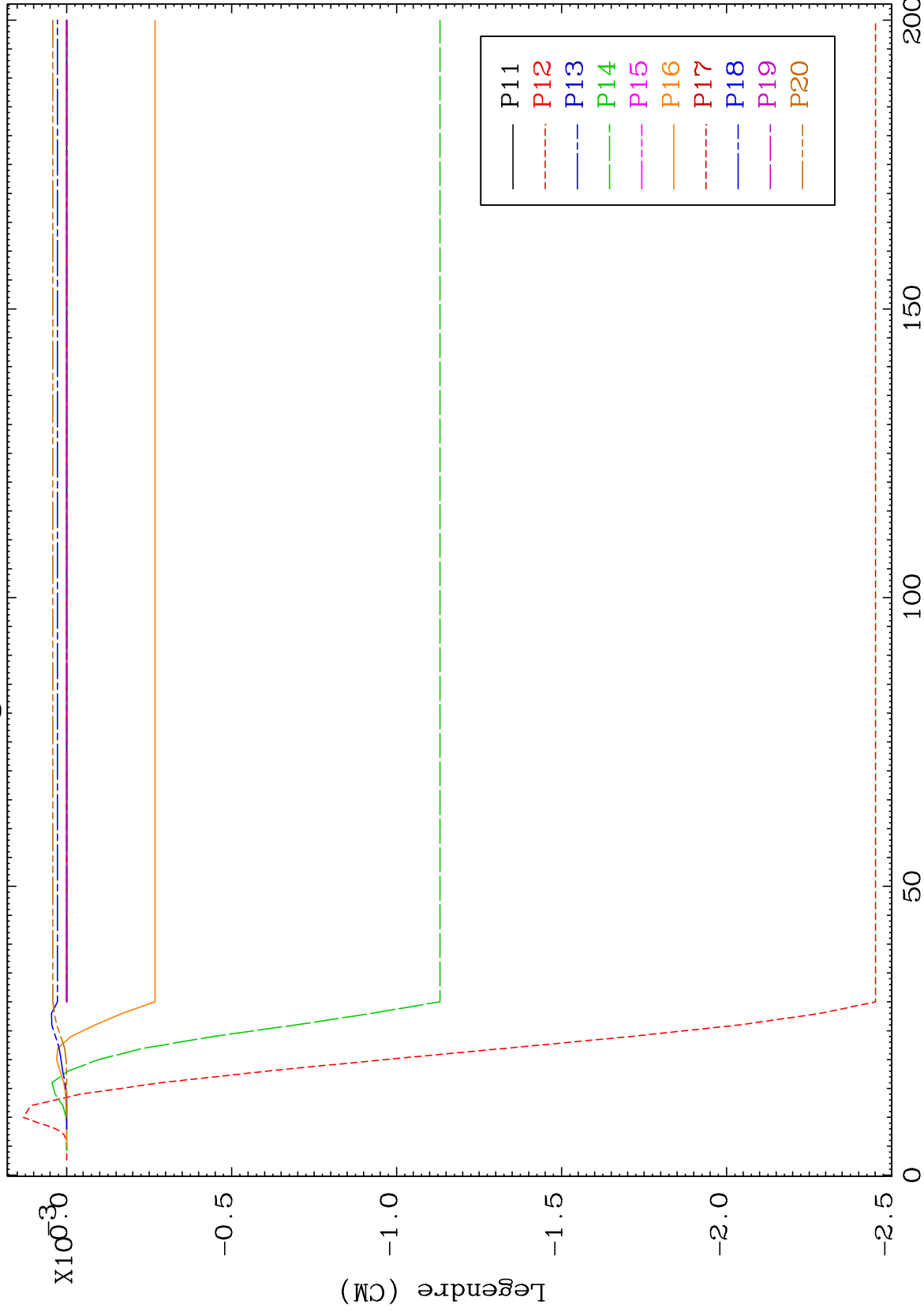


53 81-T1-205

MAT 8131

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

81-T1-205



54

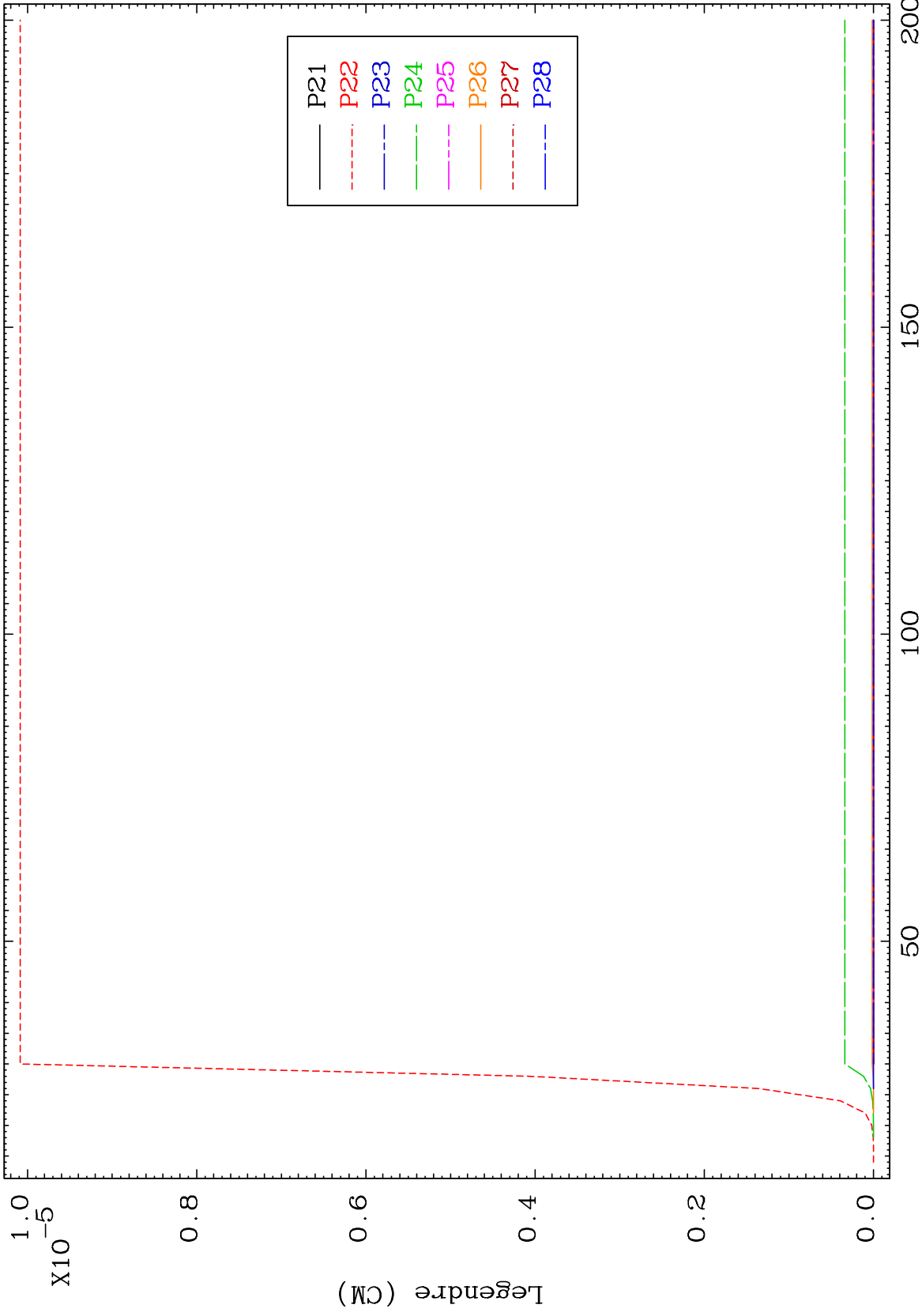
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



55

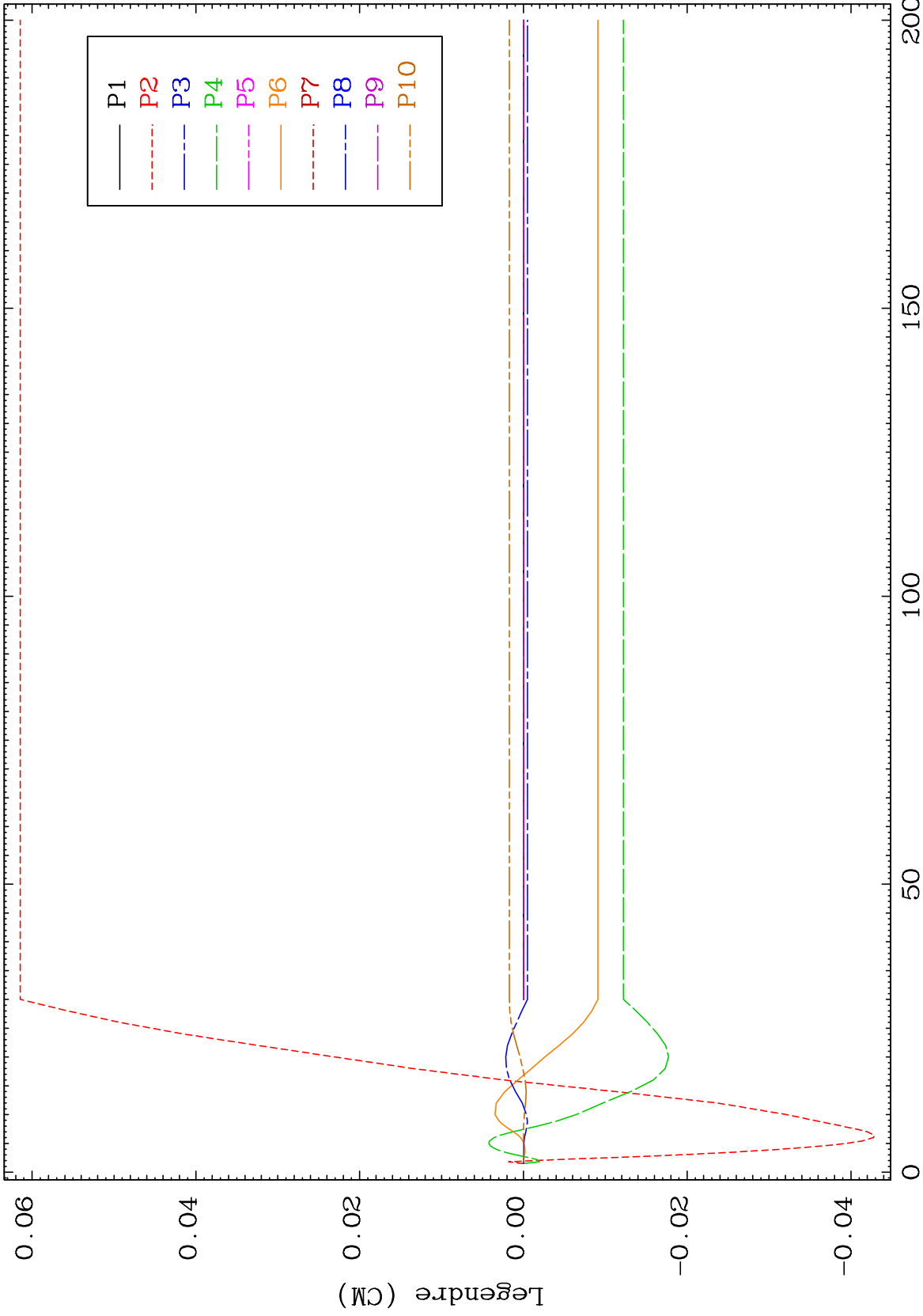
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



56

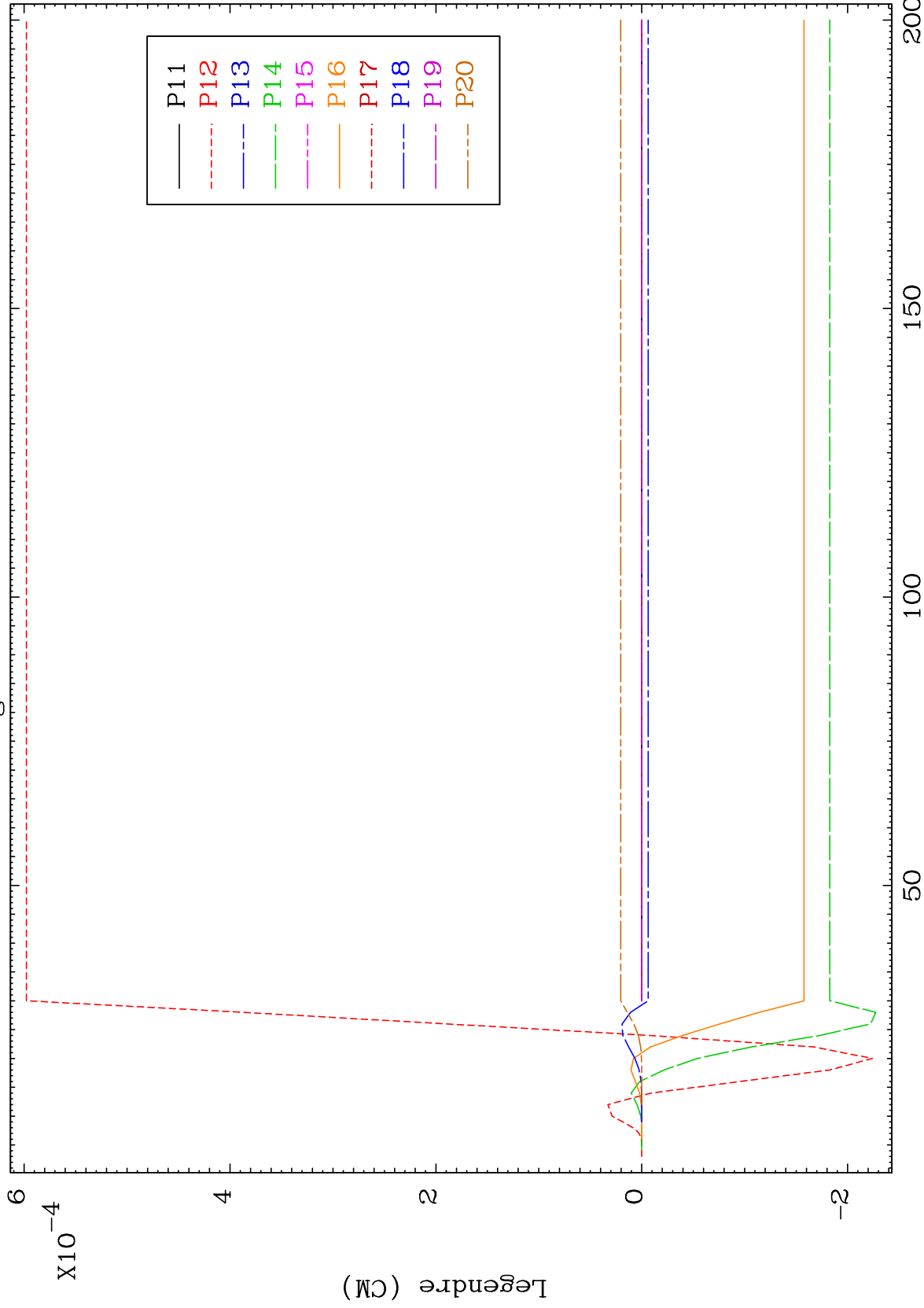
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



57

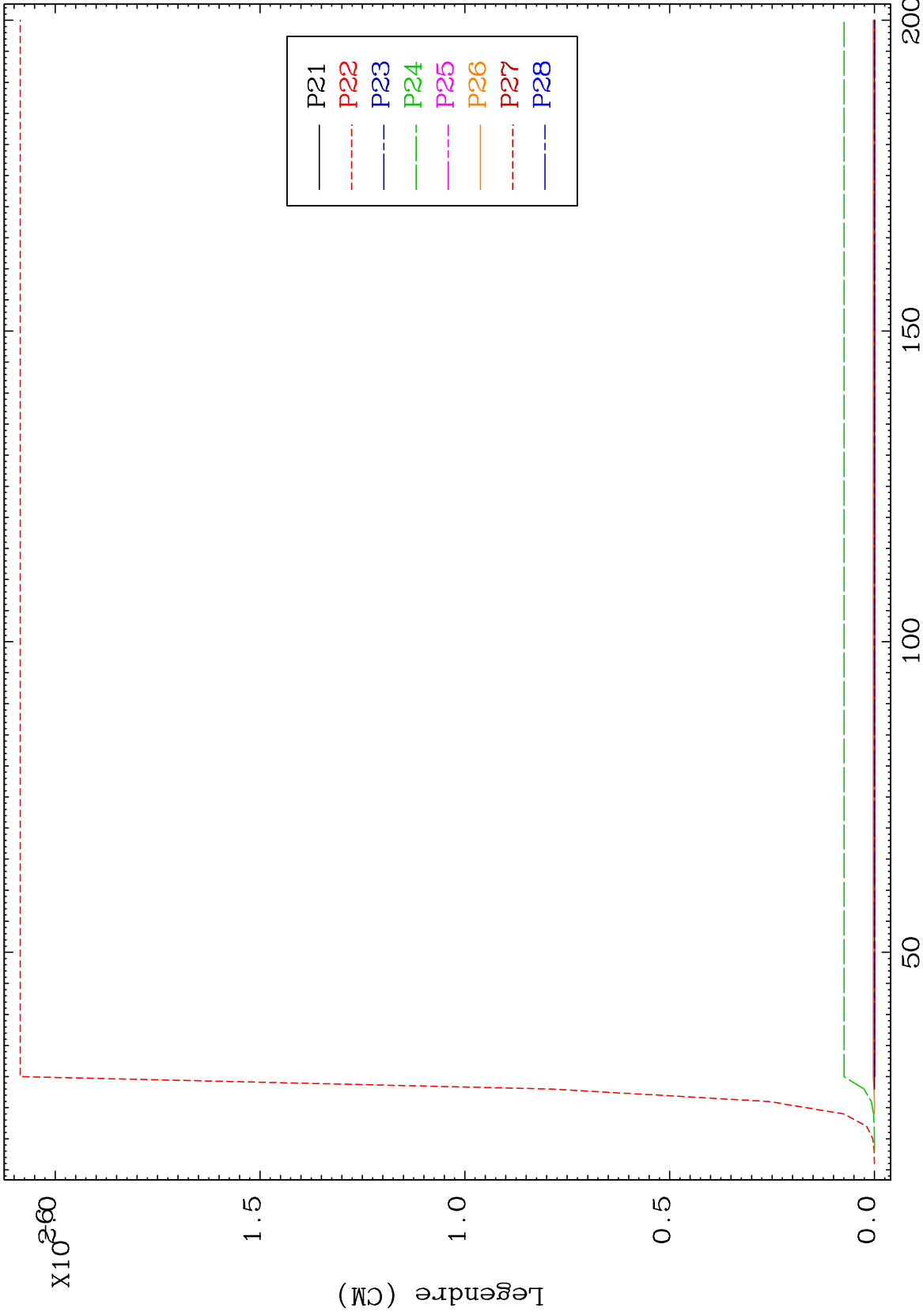
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



58

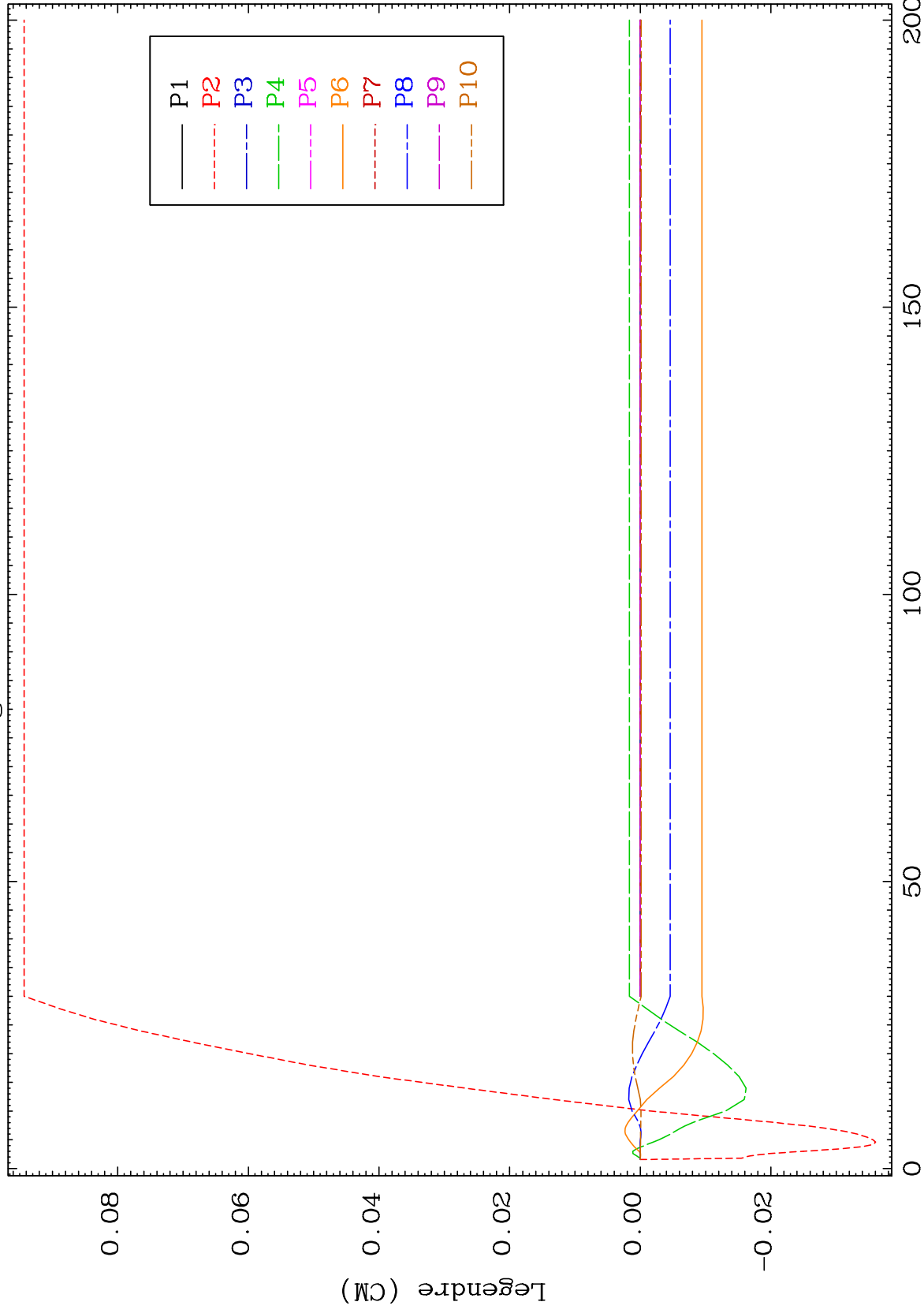
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



59

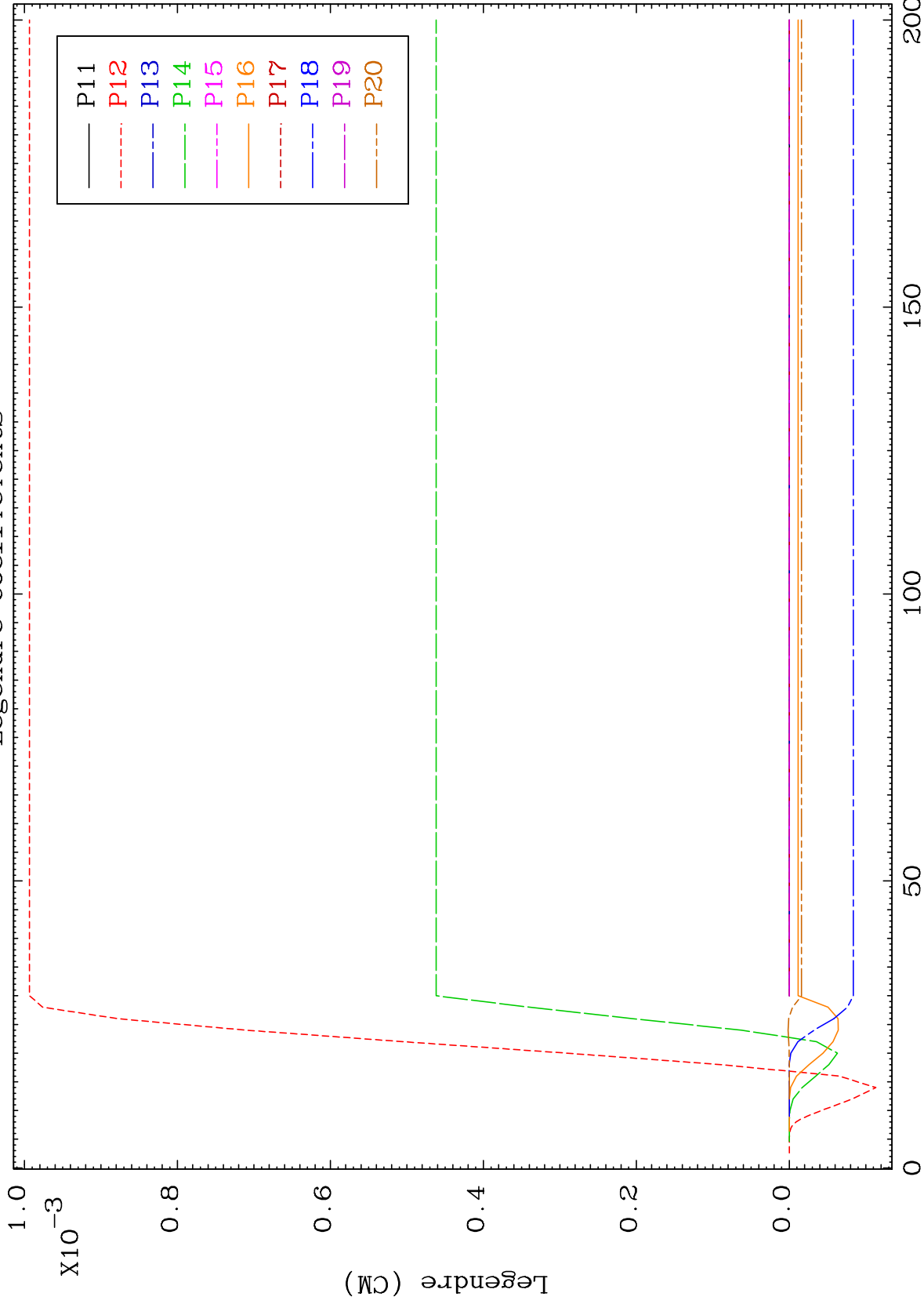
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



60

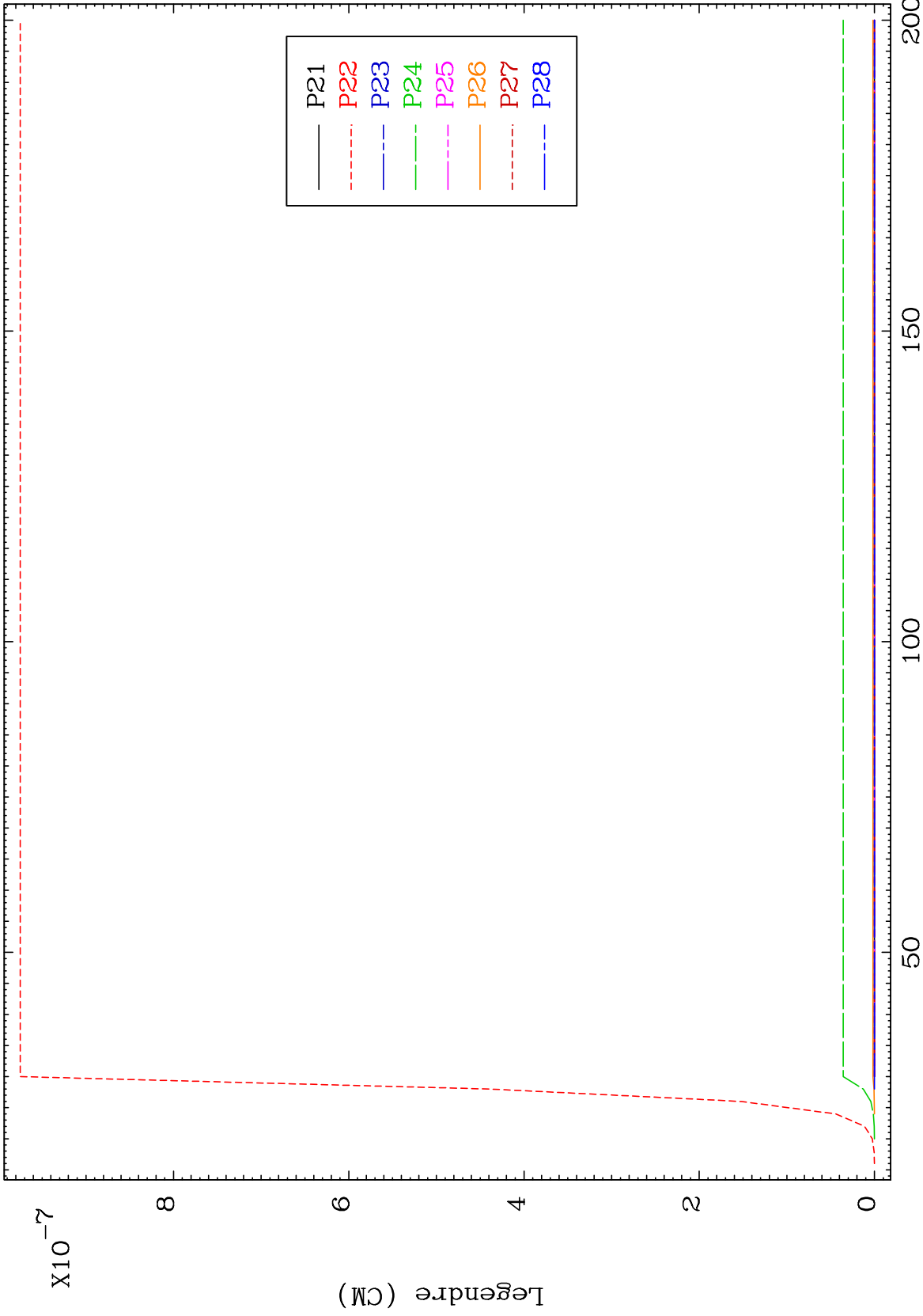
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



61

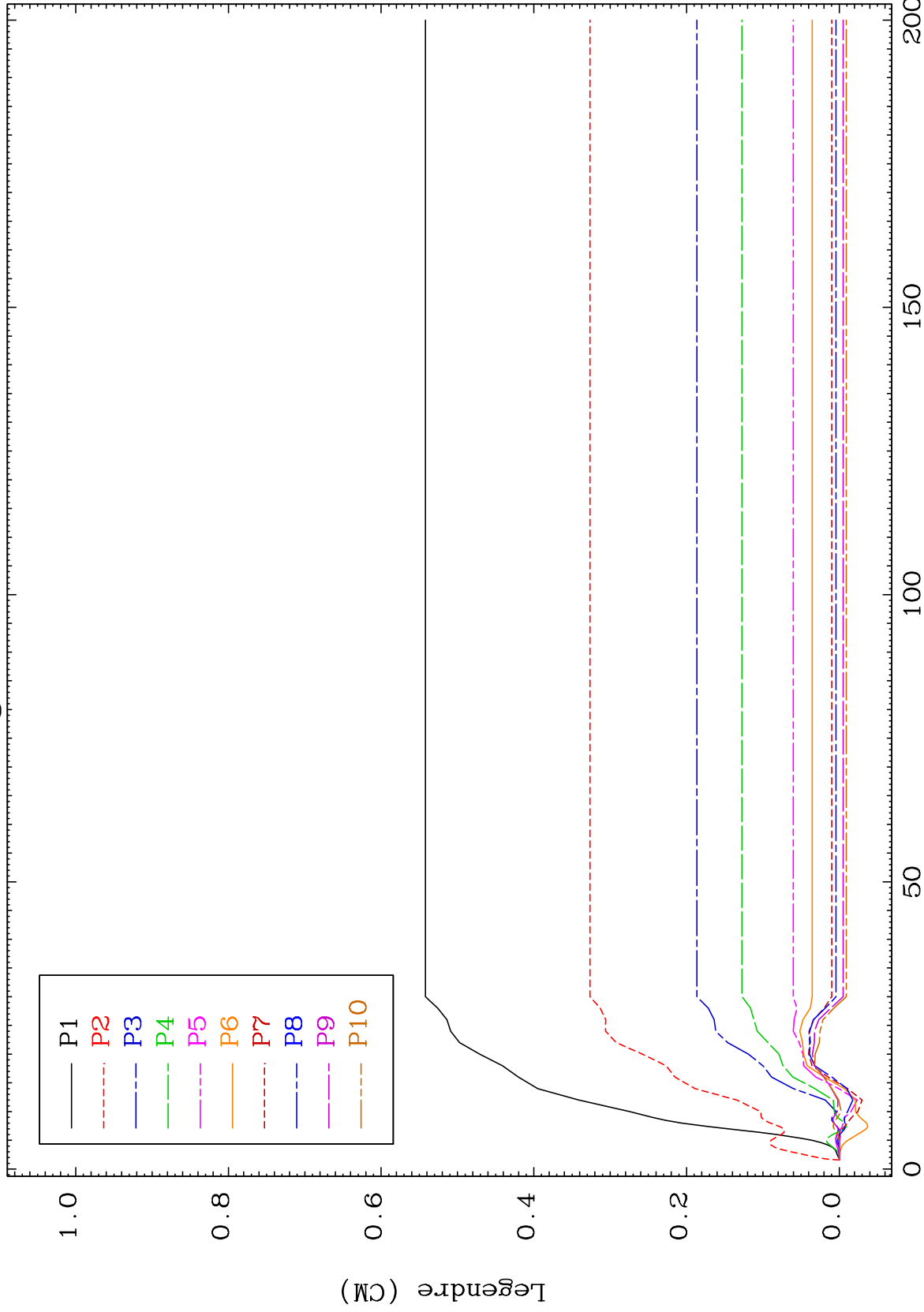
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



62

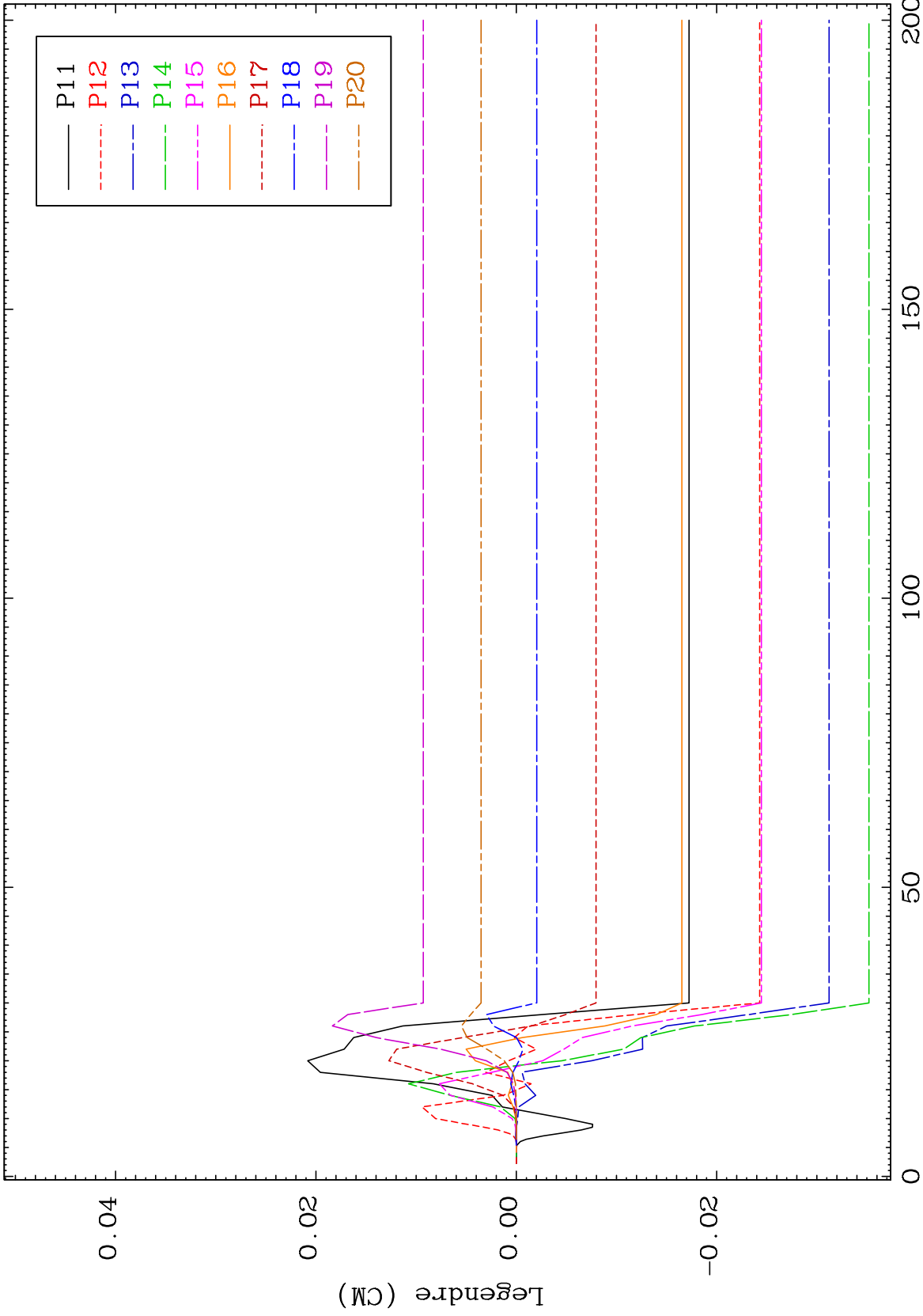
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



63

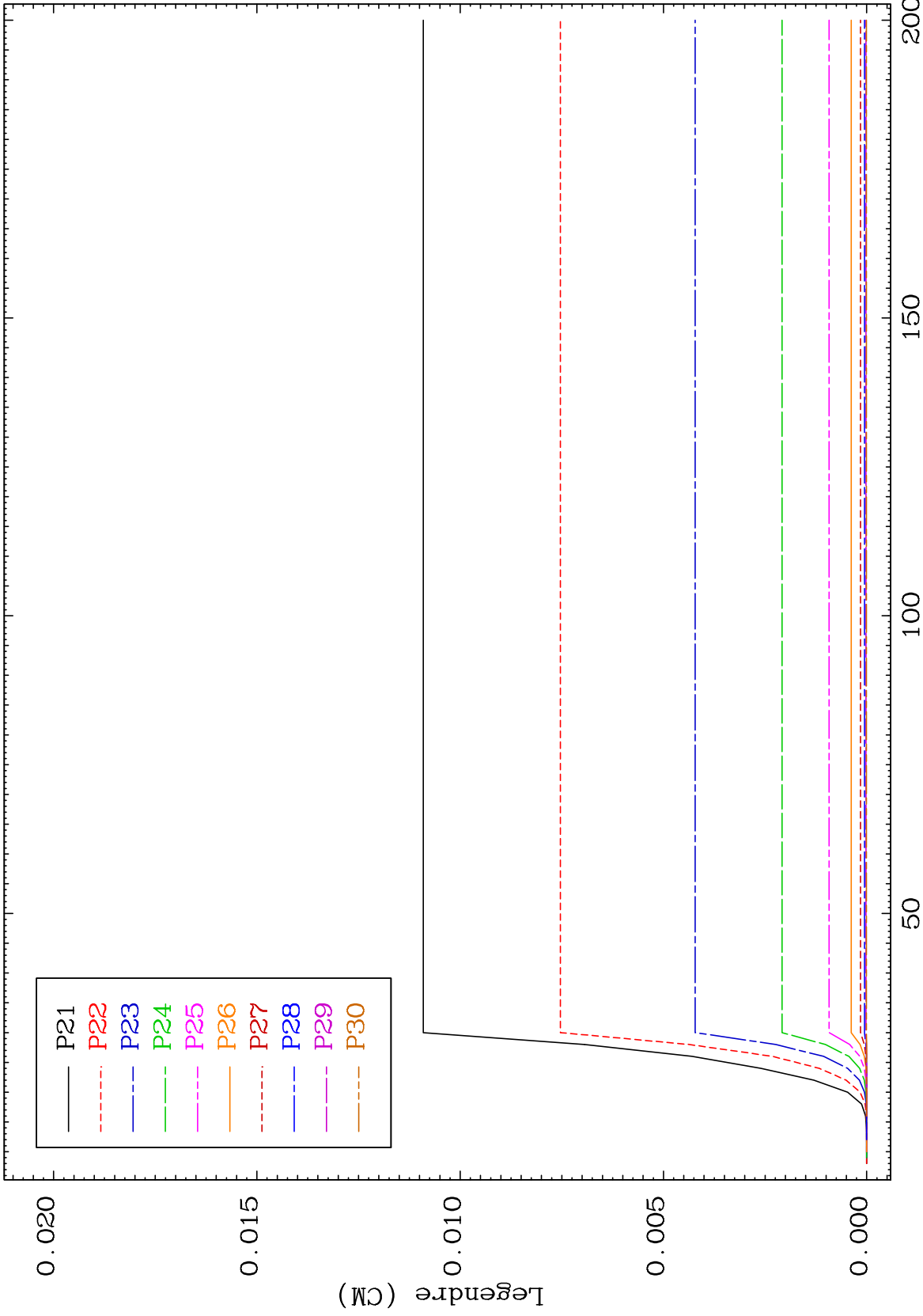
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



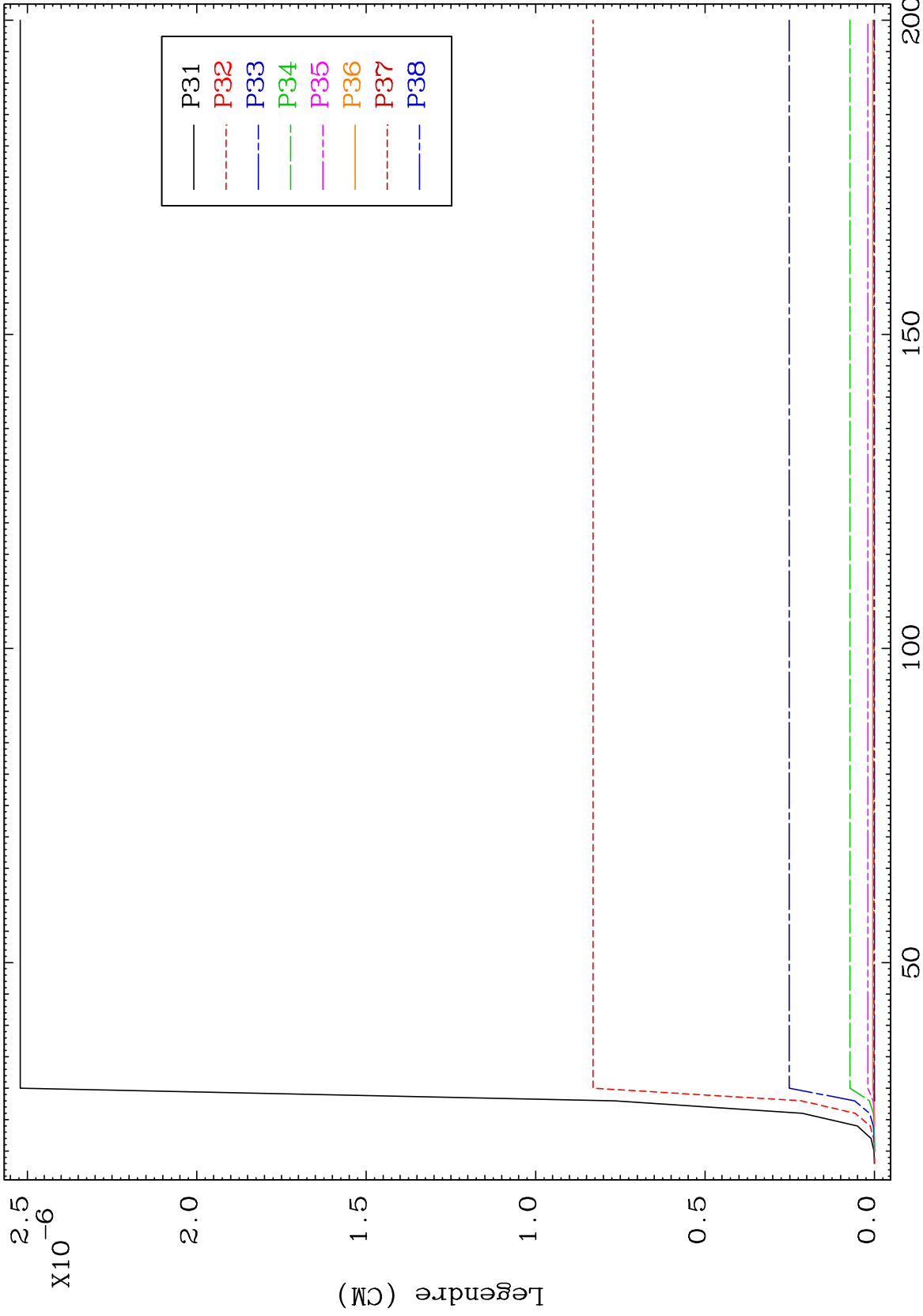
64

81-T1-205

MAT 8131

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

81-T1-205



65

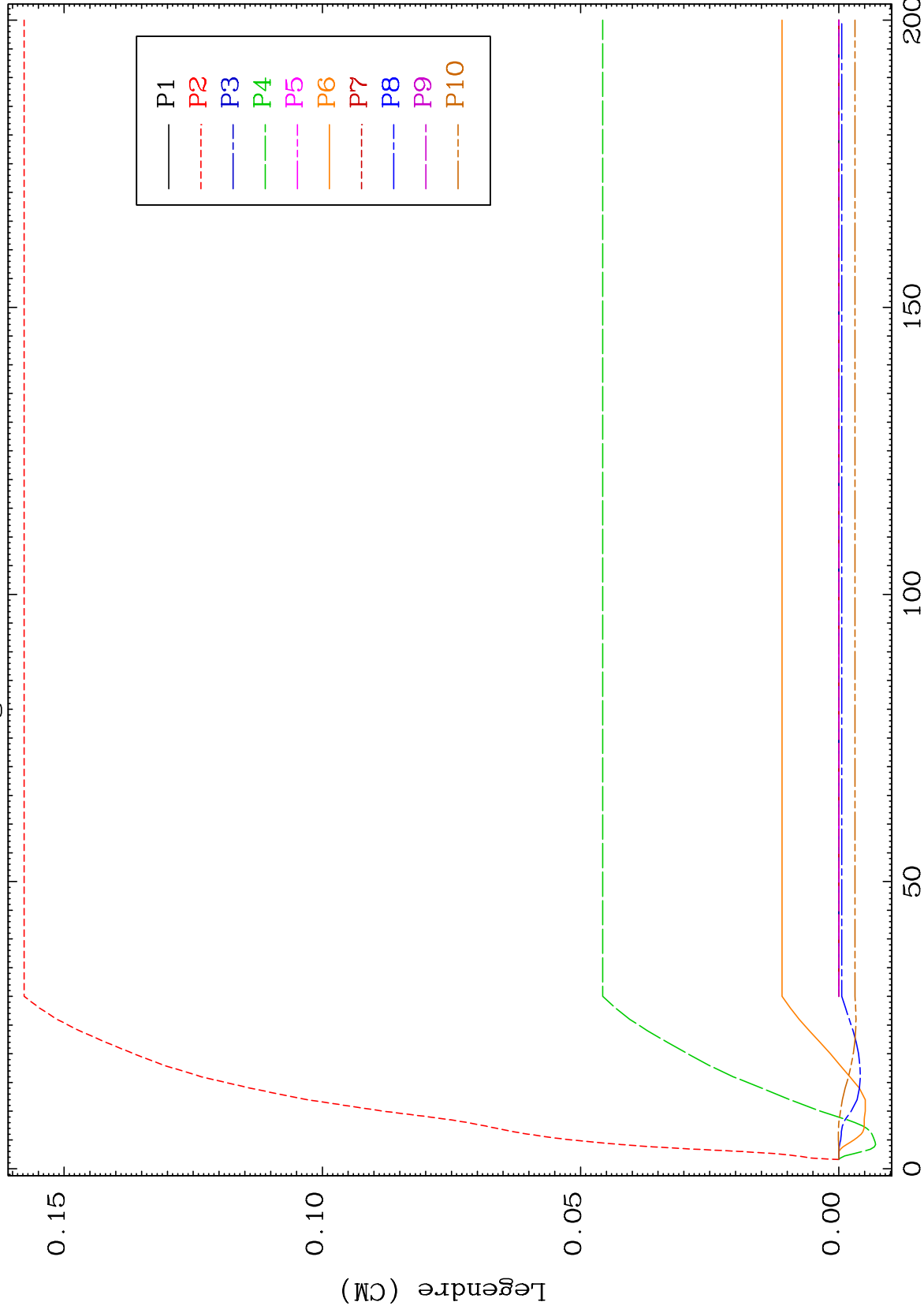
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



66

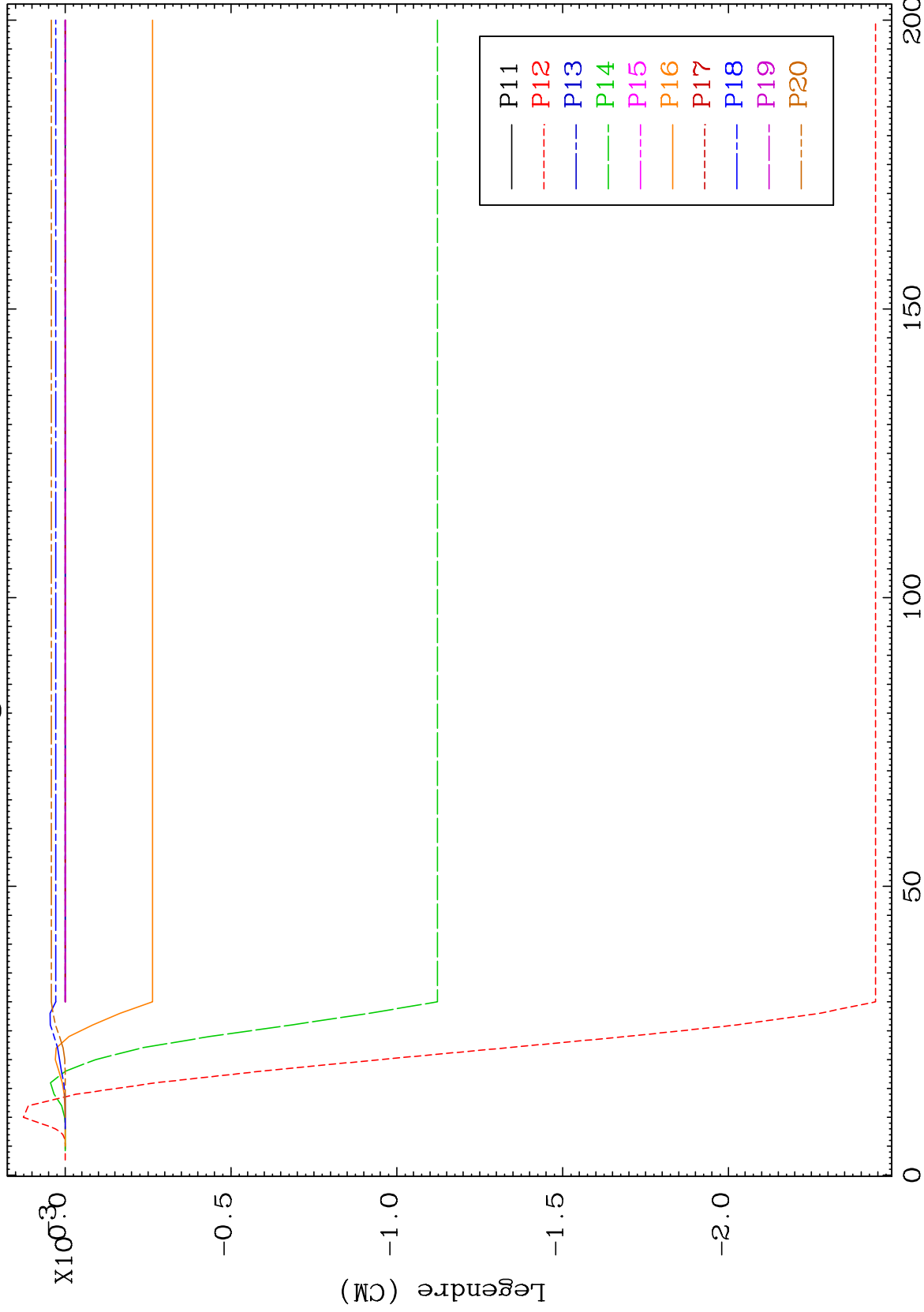
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



67

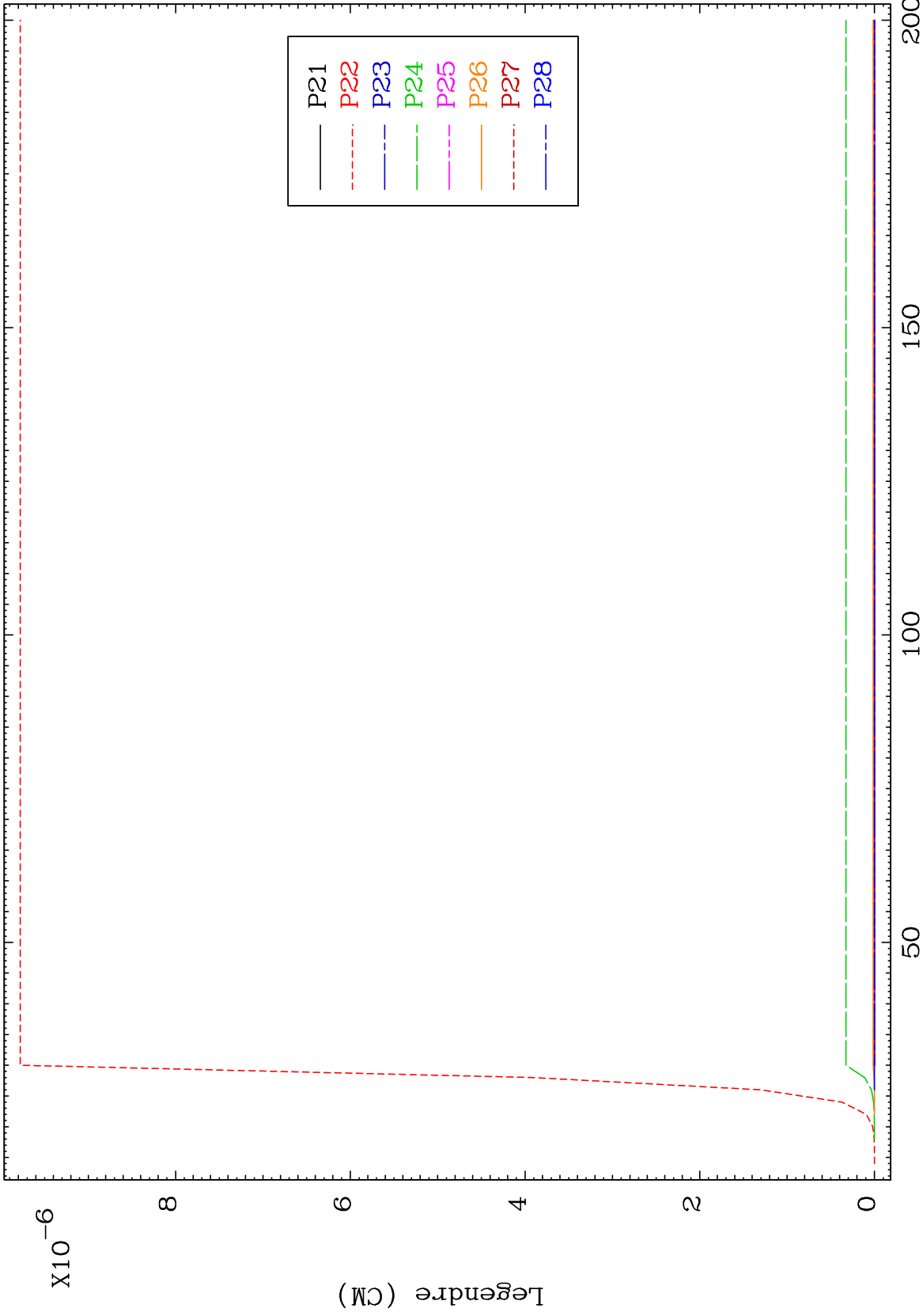
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



68

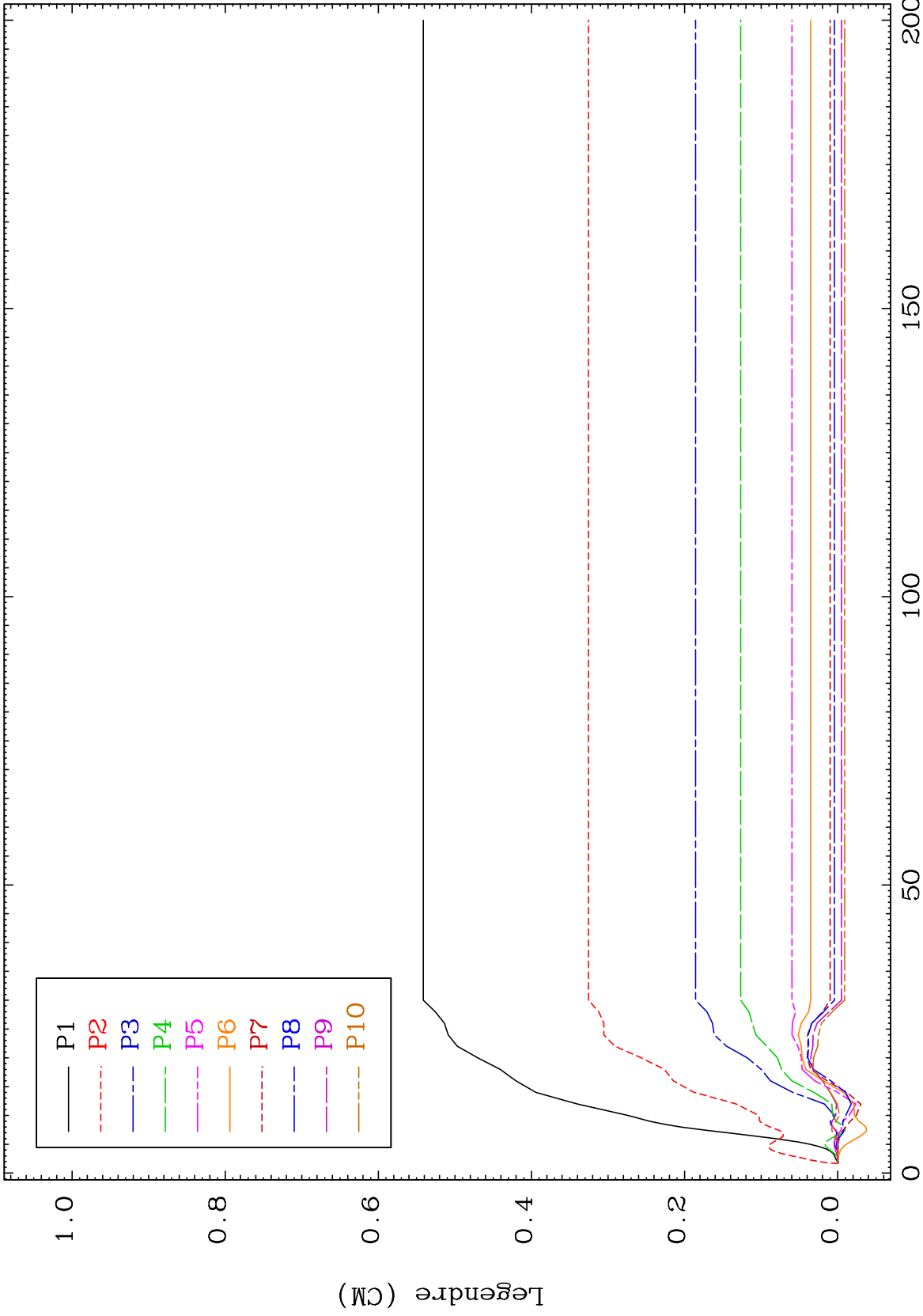
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



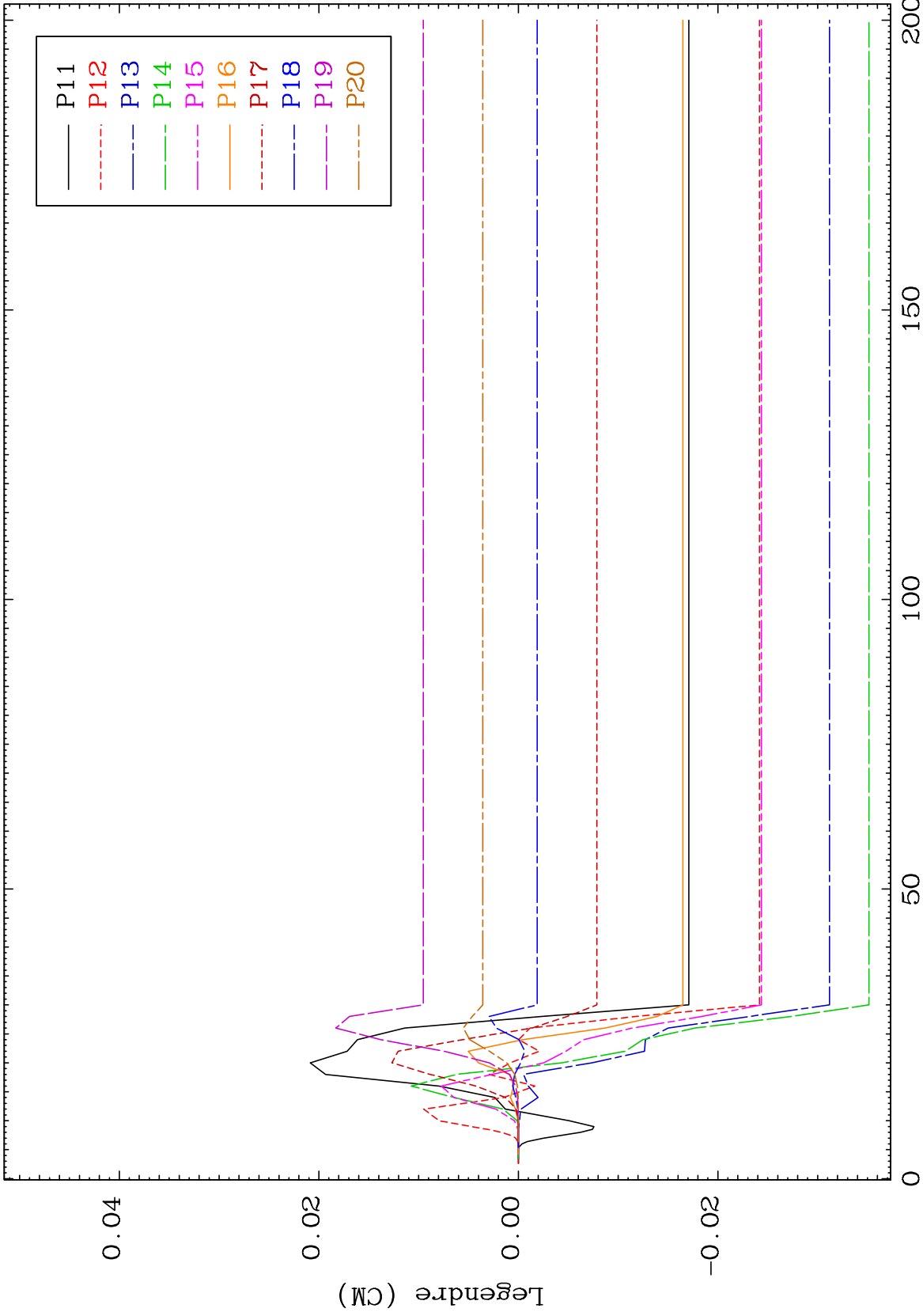
69

81-T1-205

MAT 8131

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

81-T1-205



70

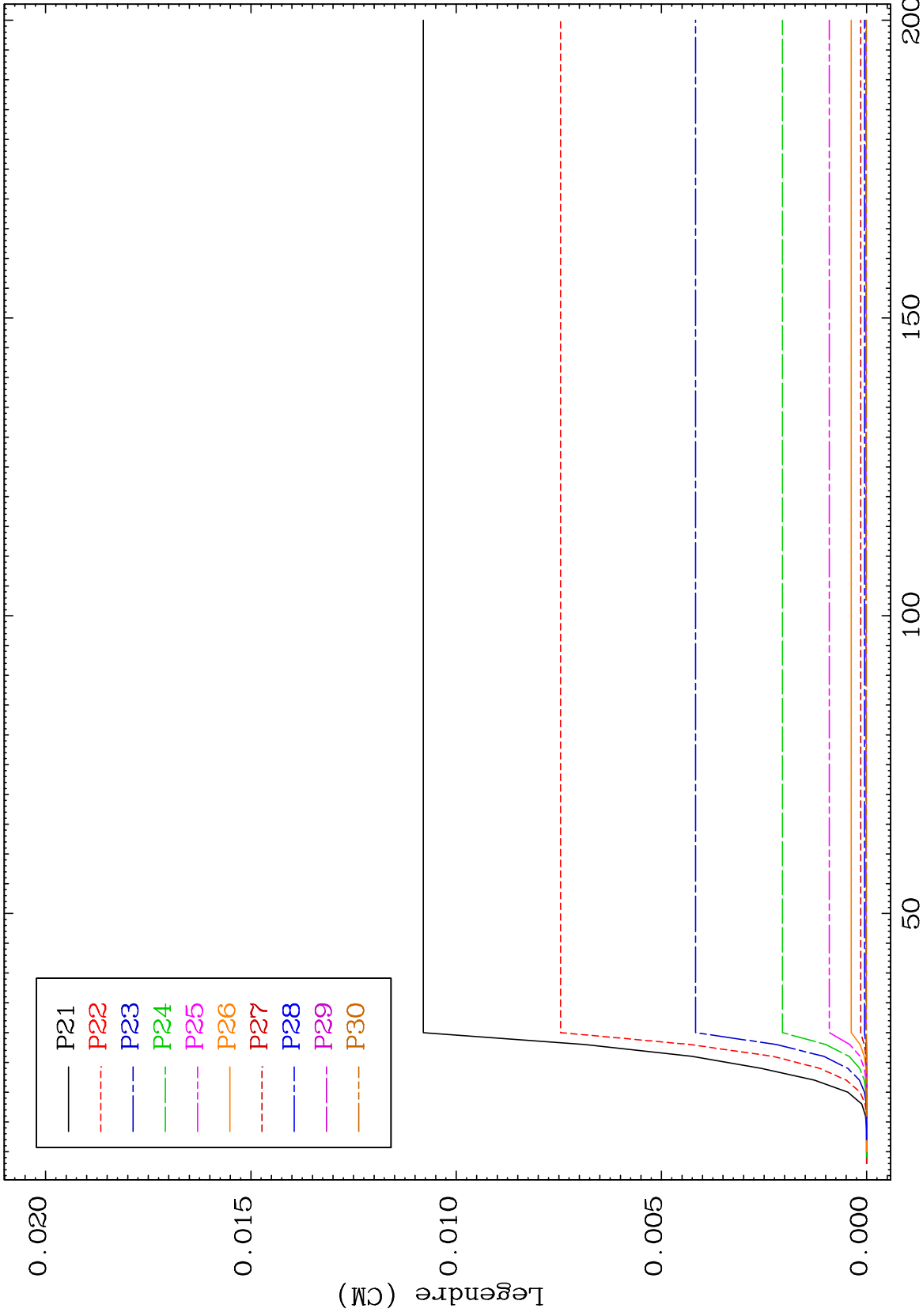
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



71

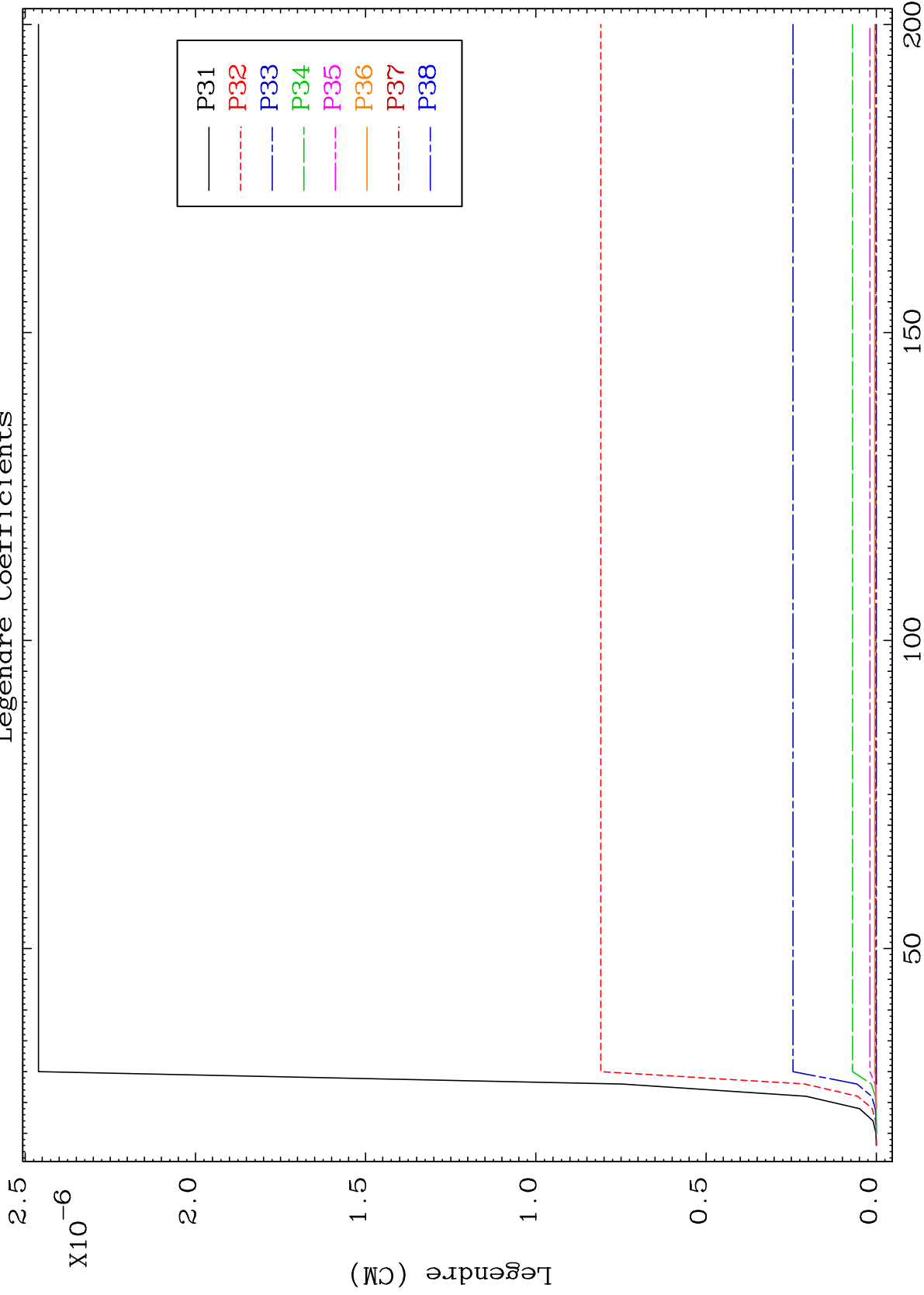
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



72

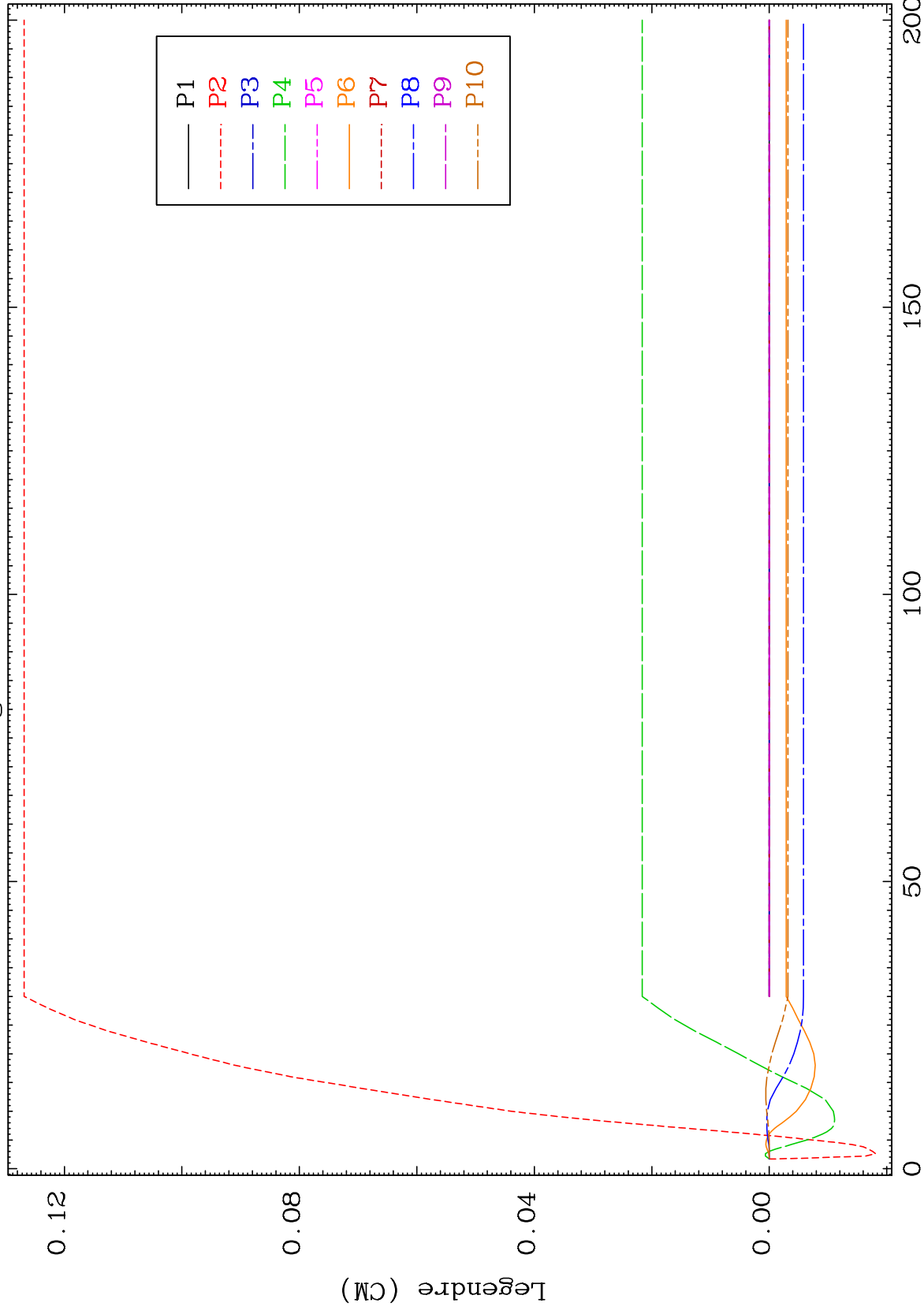
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



73

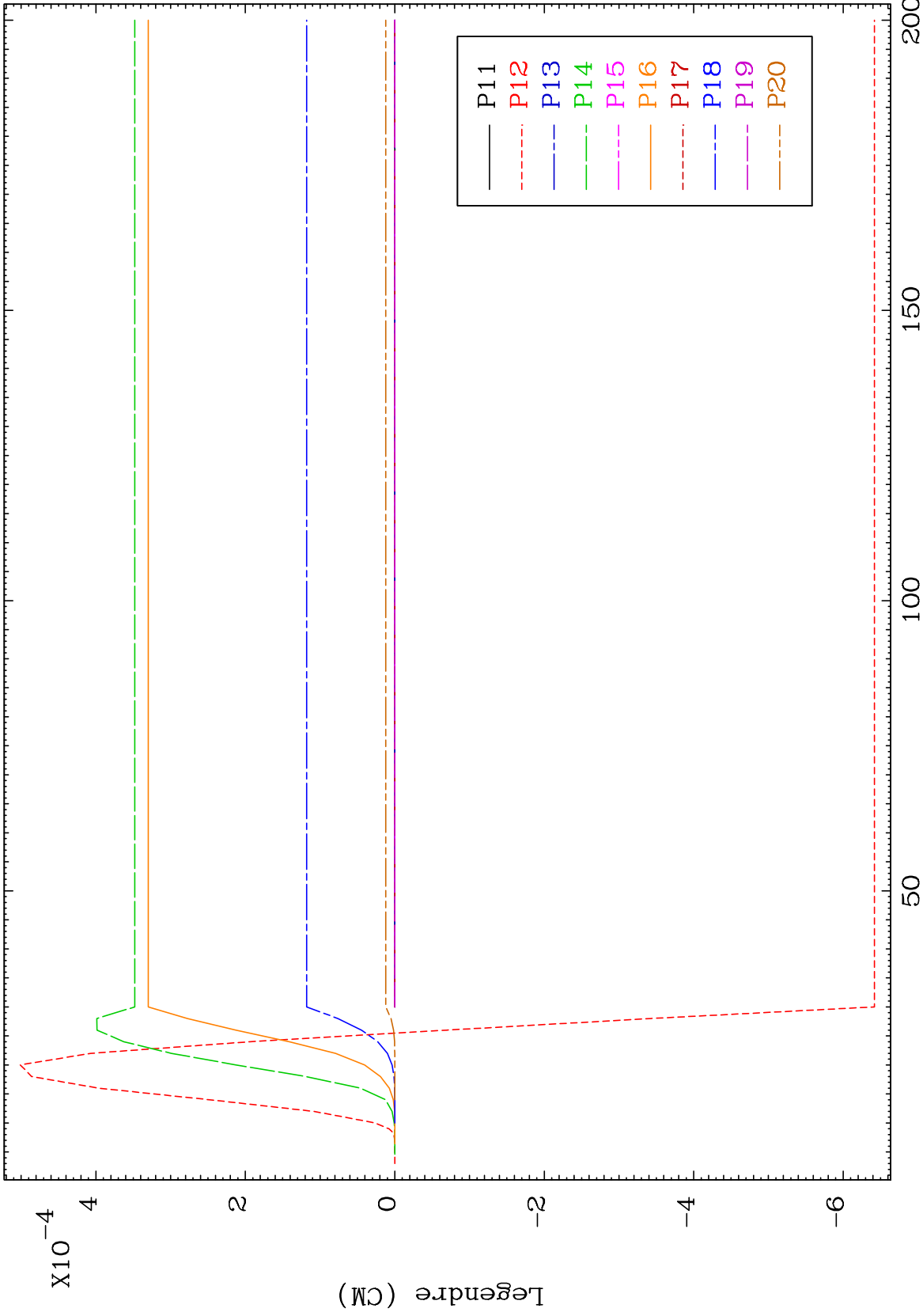
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



74

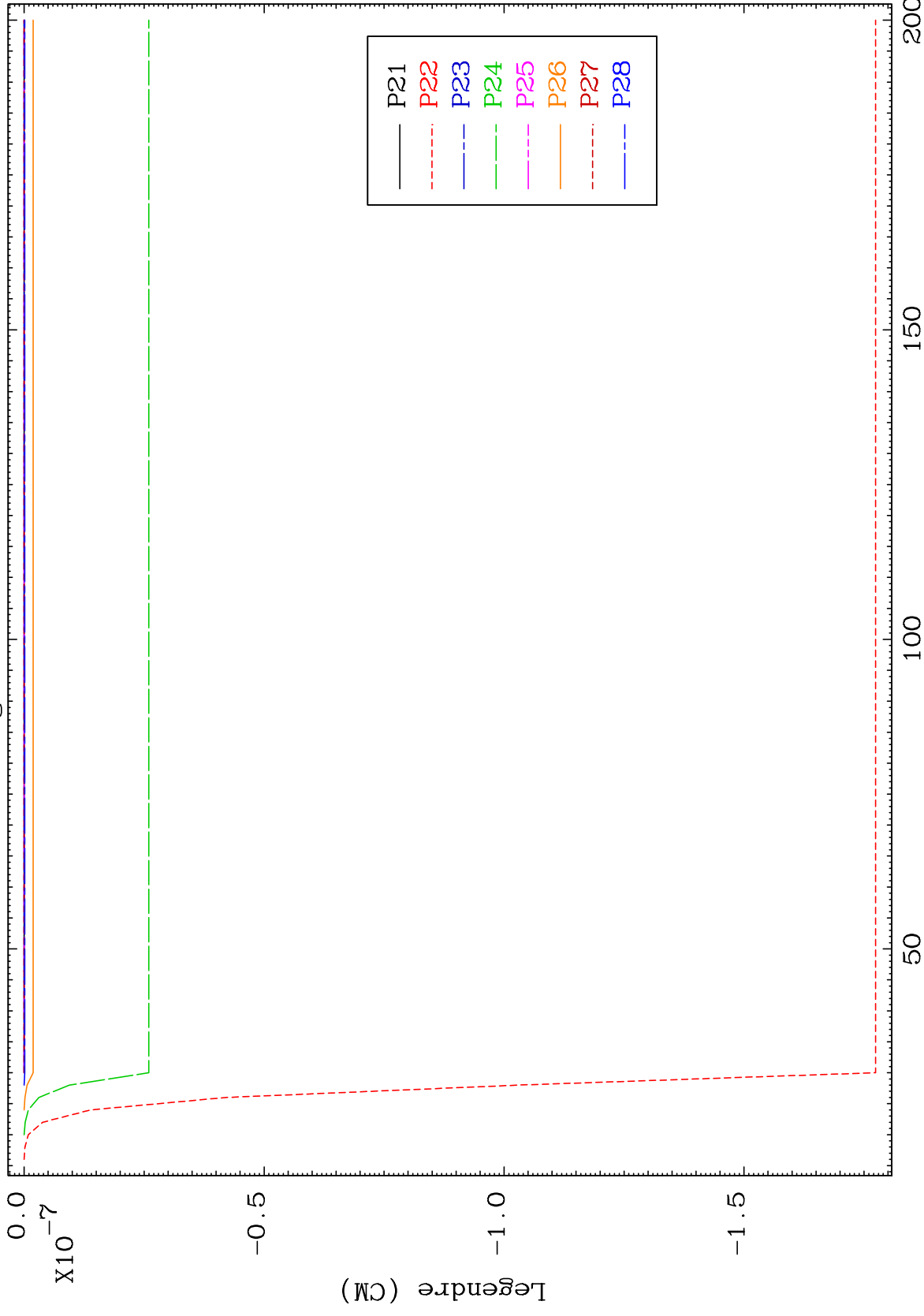
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205

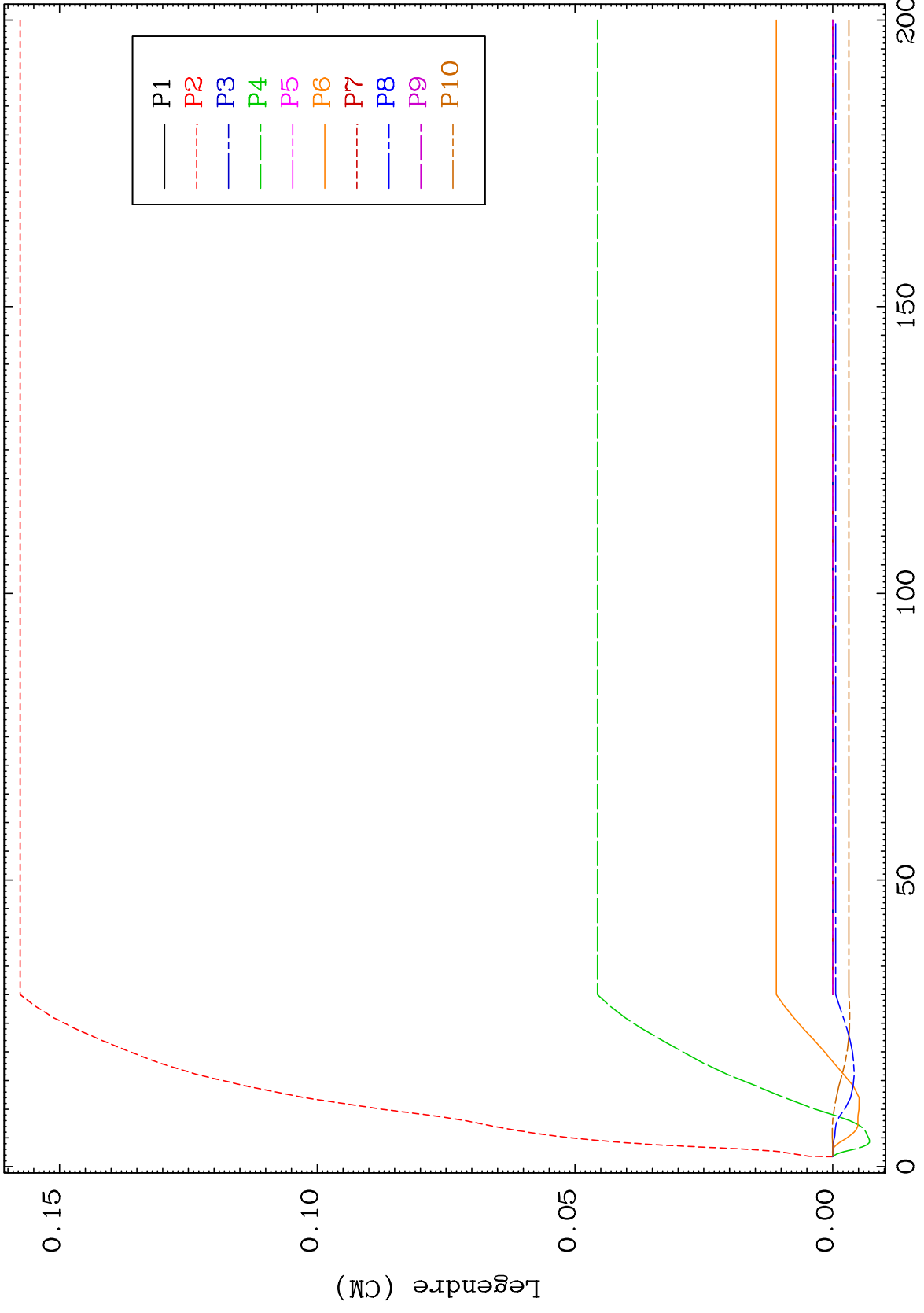


81-T1-205

Incident Energy (MeV)

75

MAT 8131 MT= 67 (n,n') Level Legendre Coefficients 81-T1-205

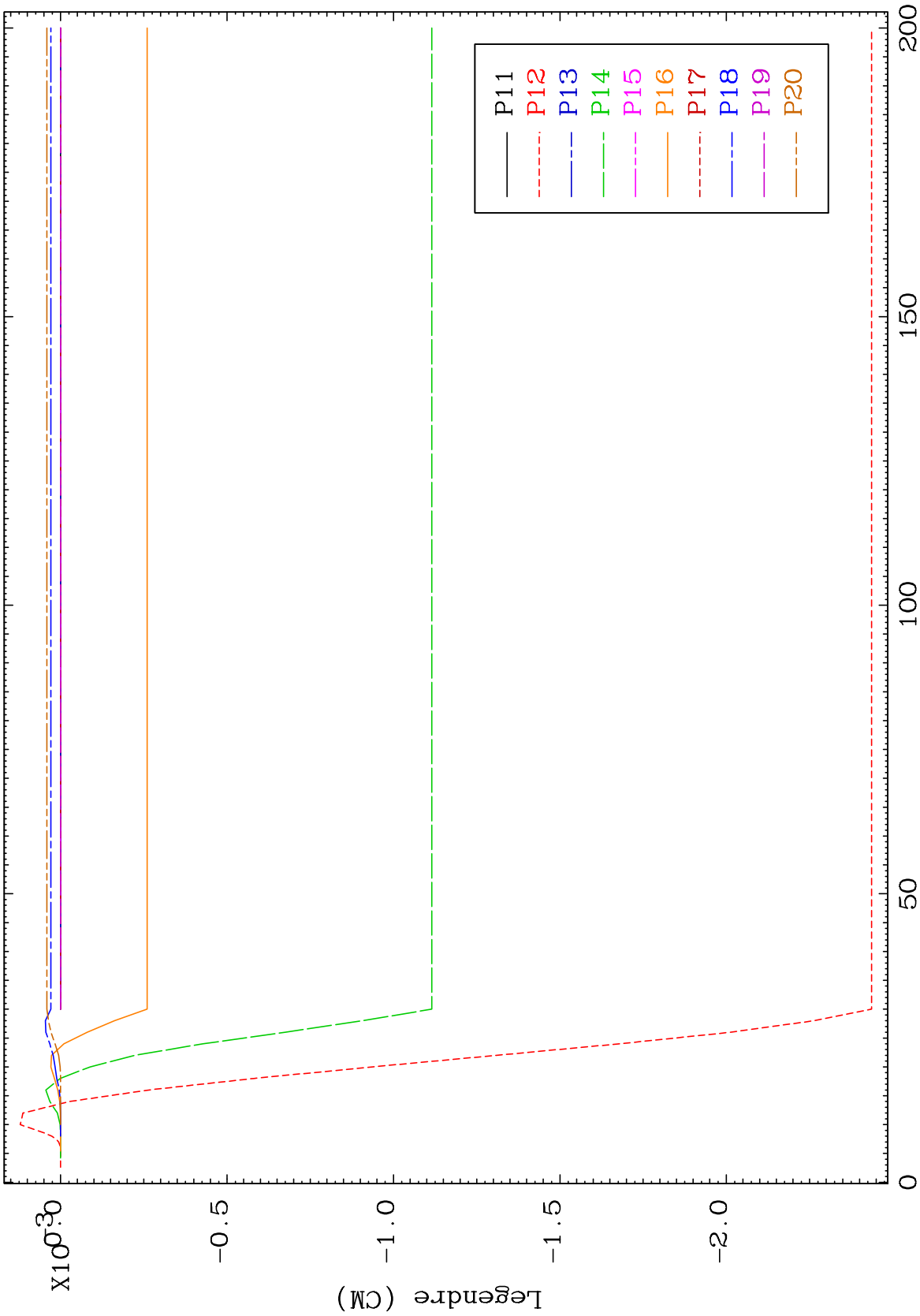


76 81-T1-205

MAT 8131

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

81-T1-205



77

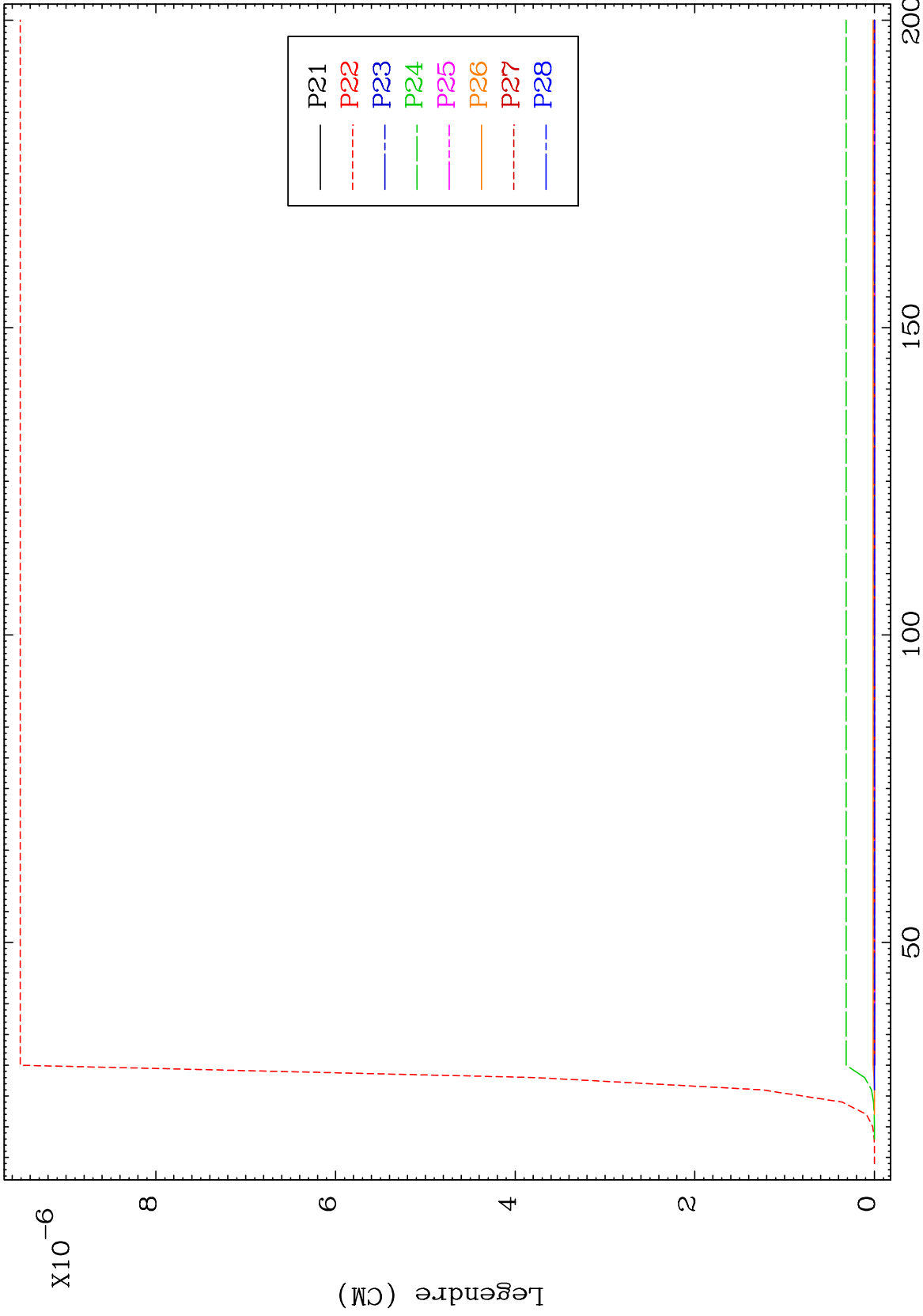
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



78

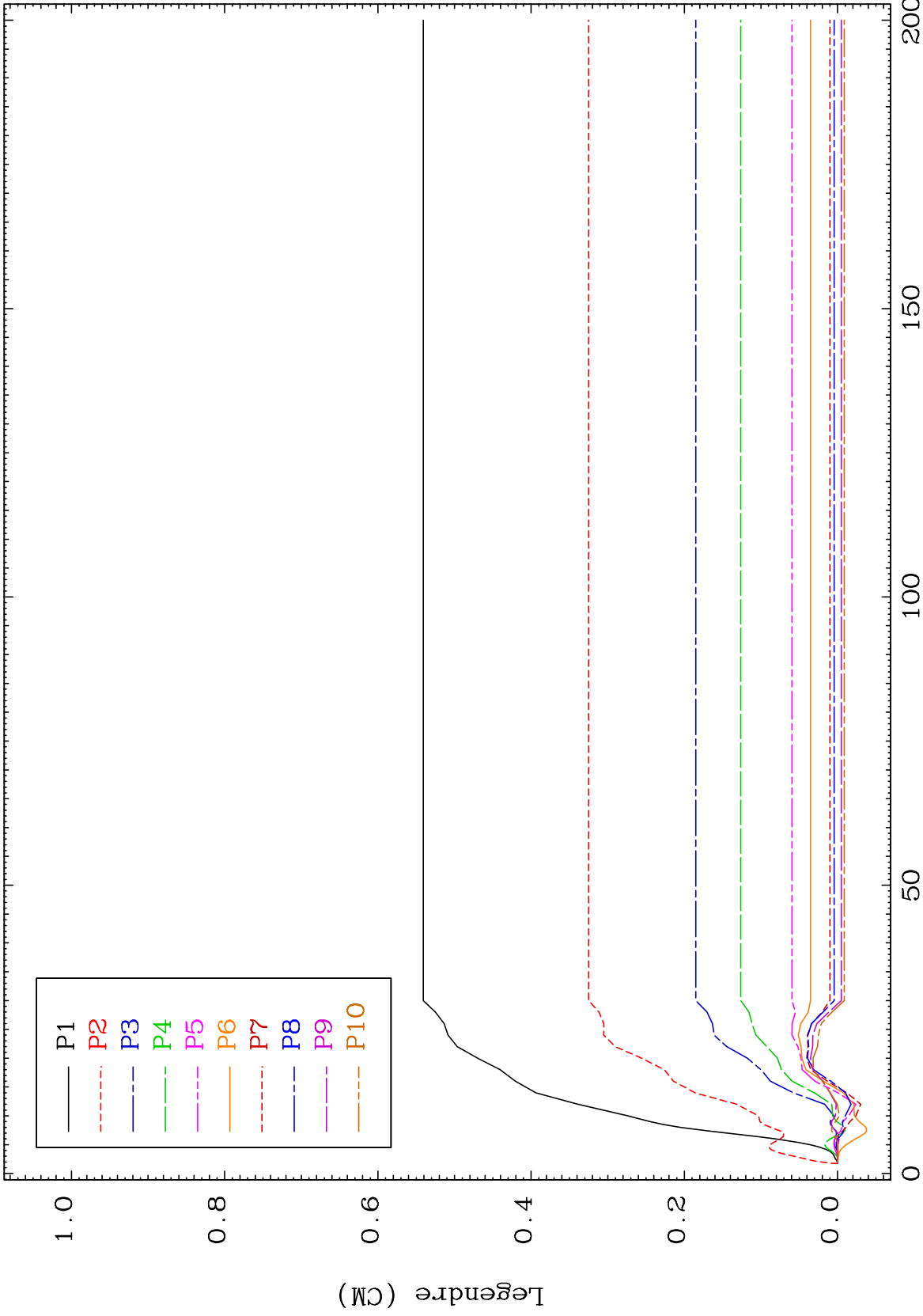
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



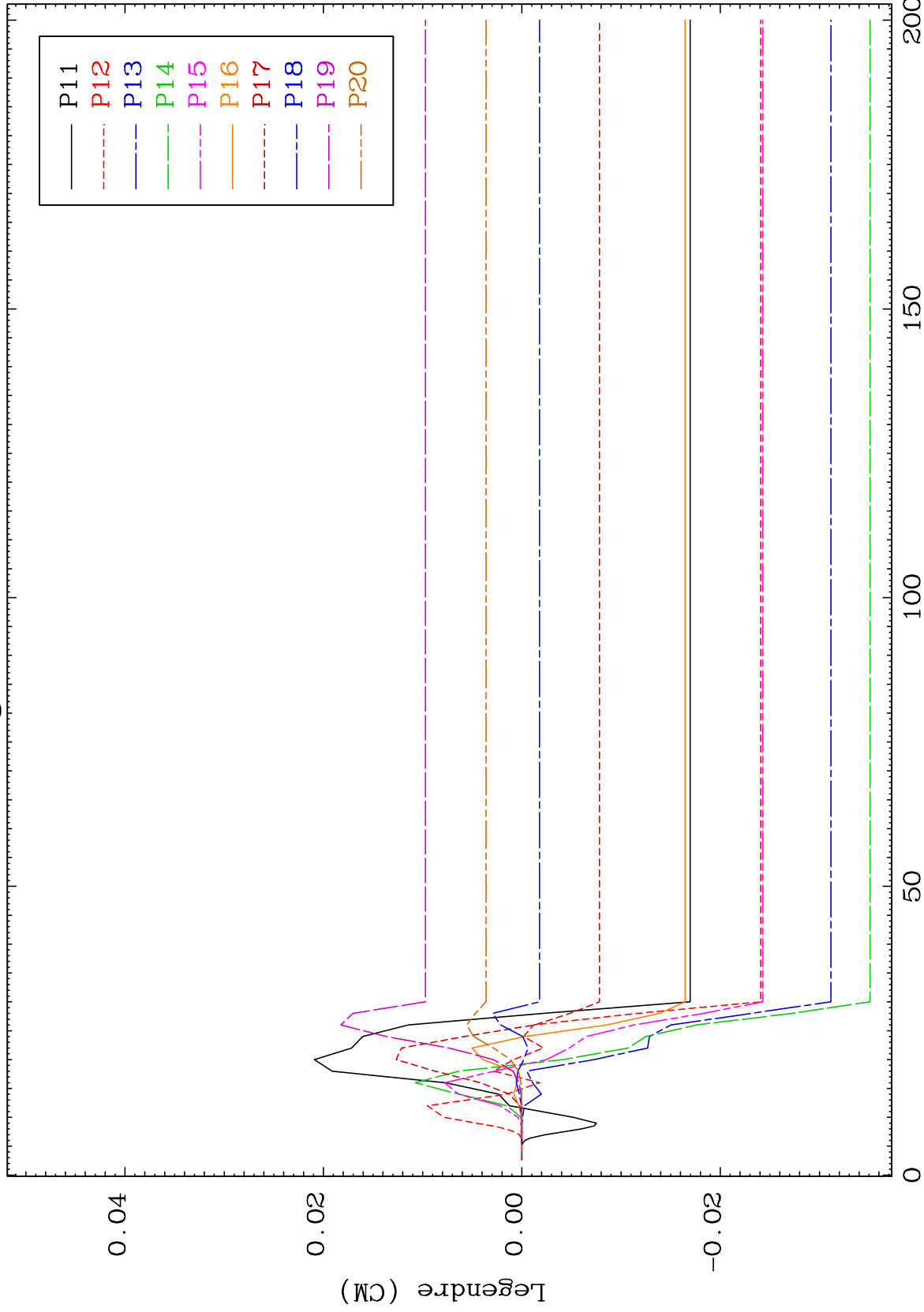
79

81-T1-205

MAT 8131

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

81-T1-205



80

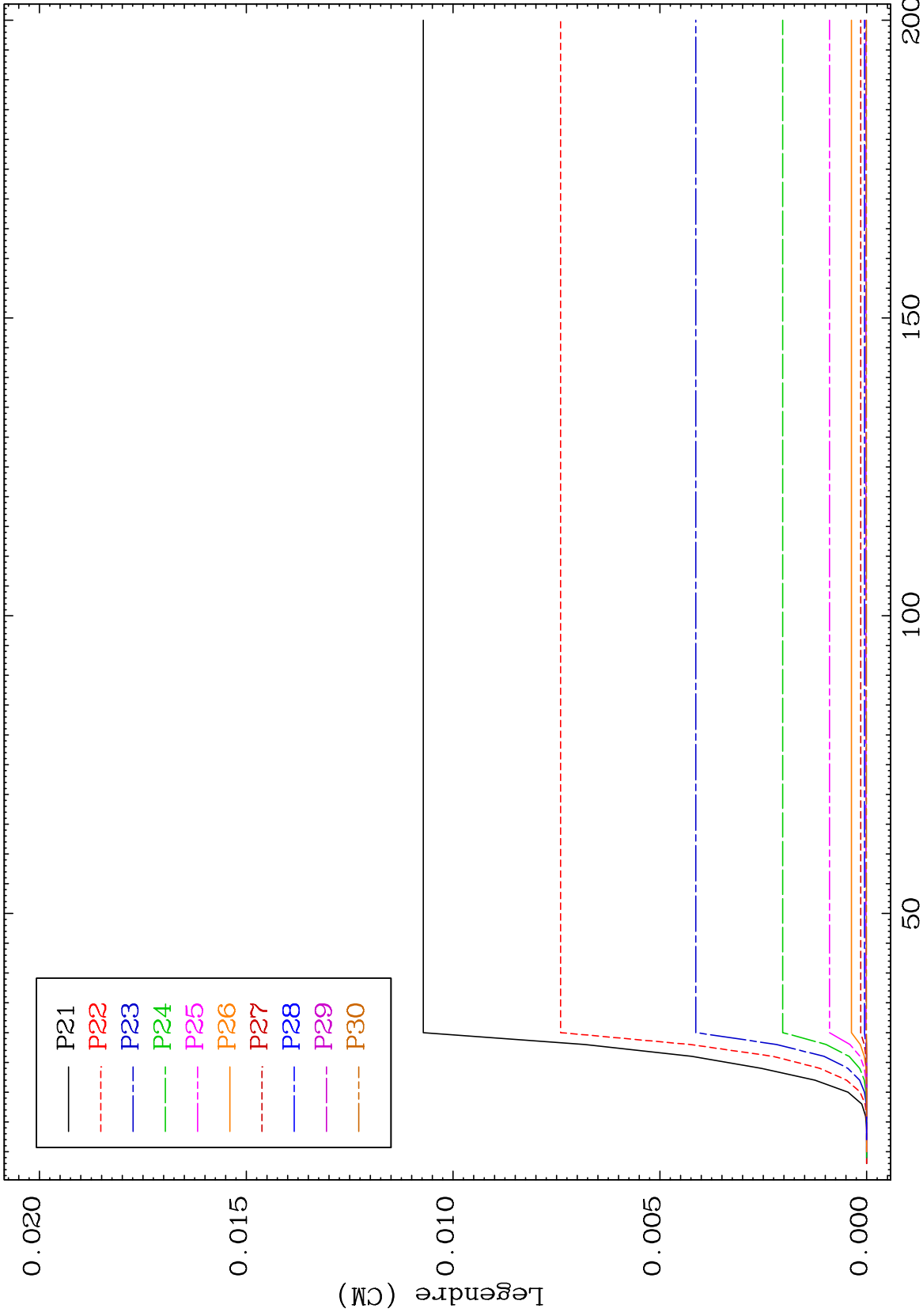
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



81

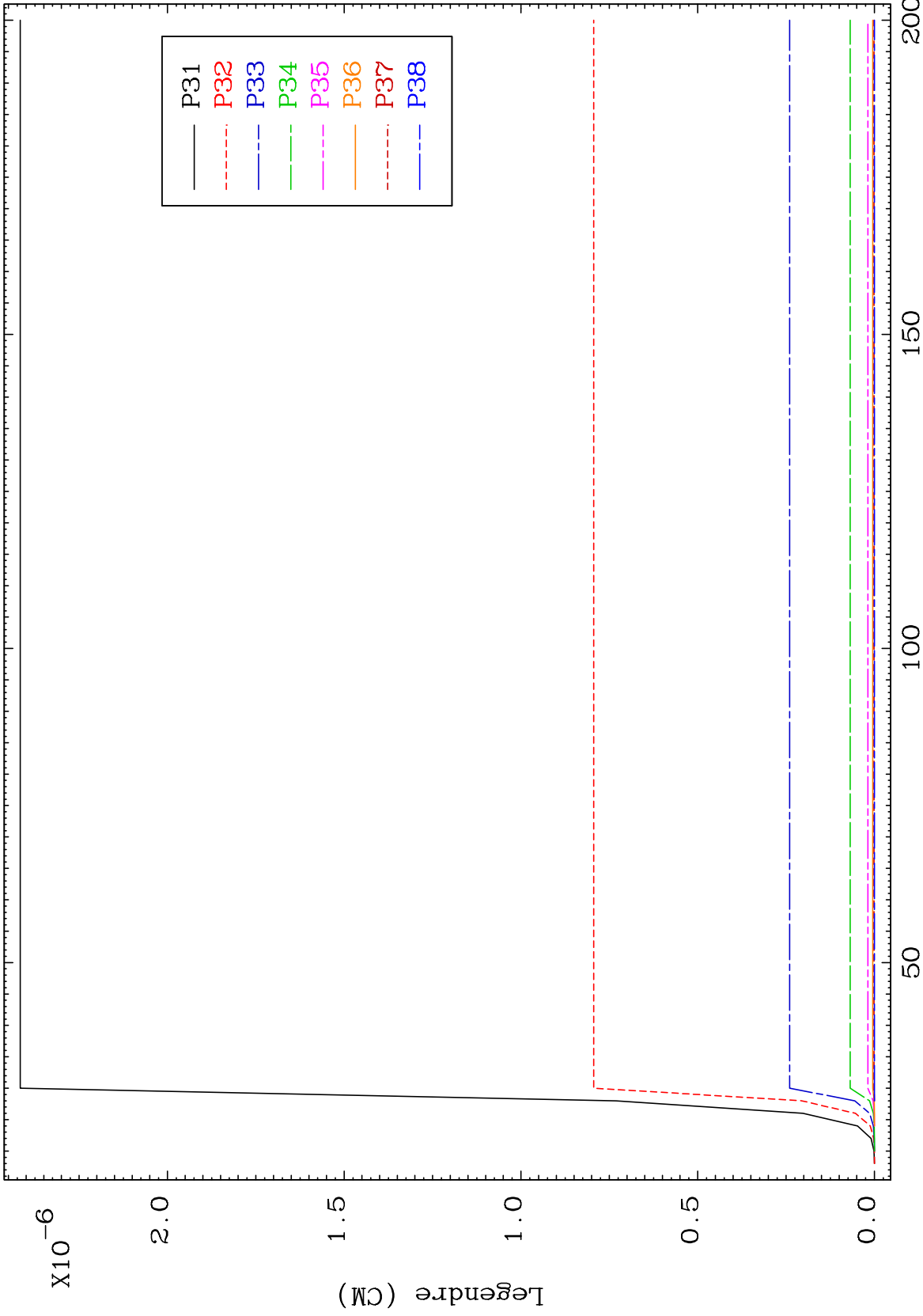
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



82

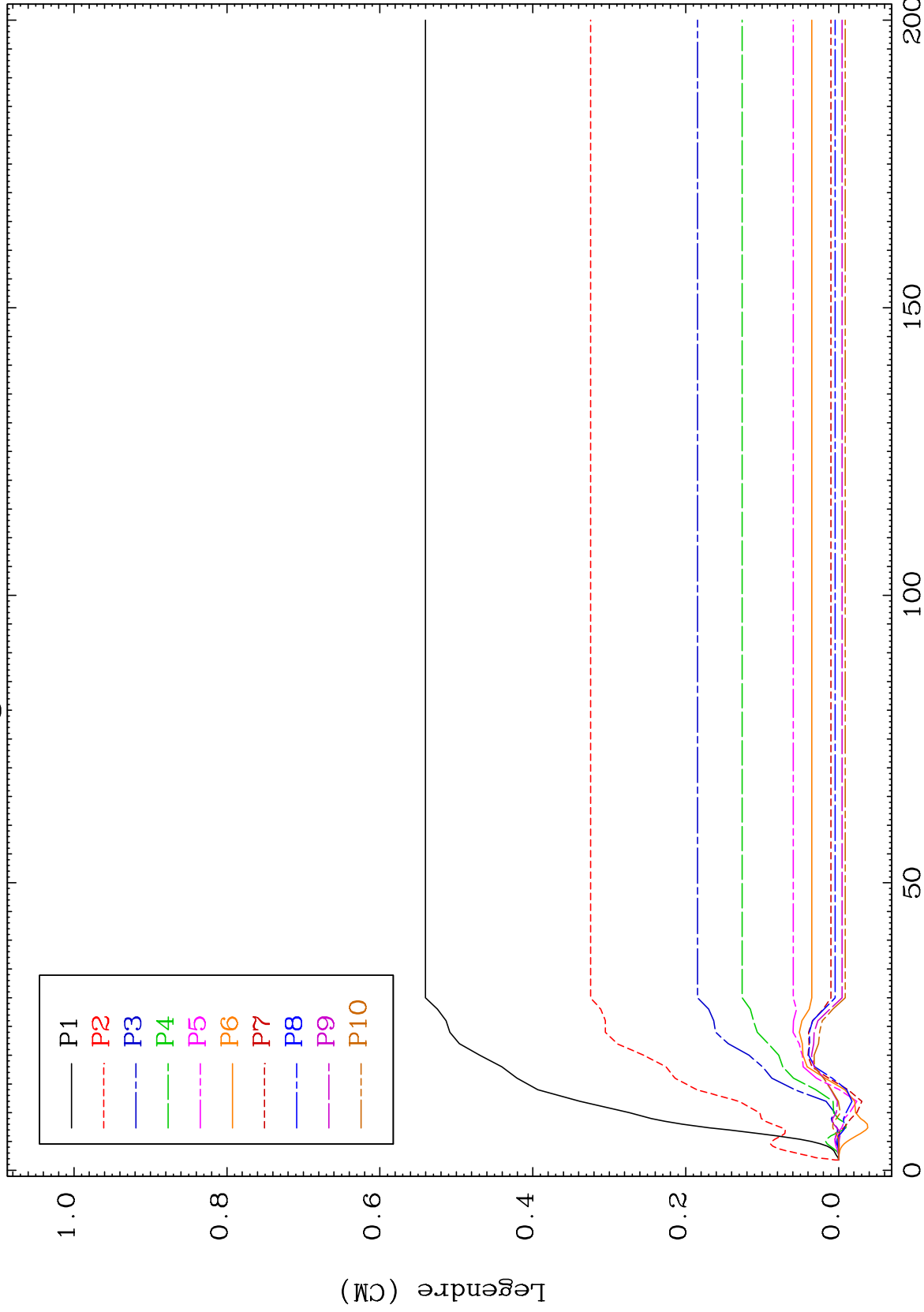
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



83

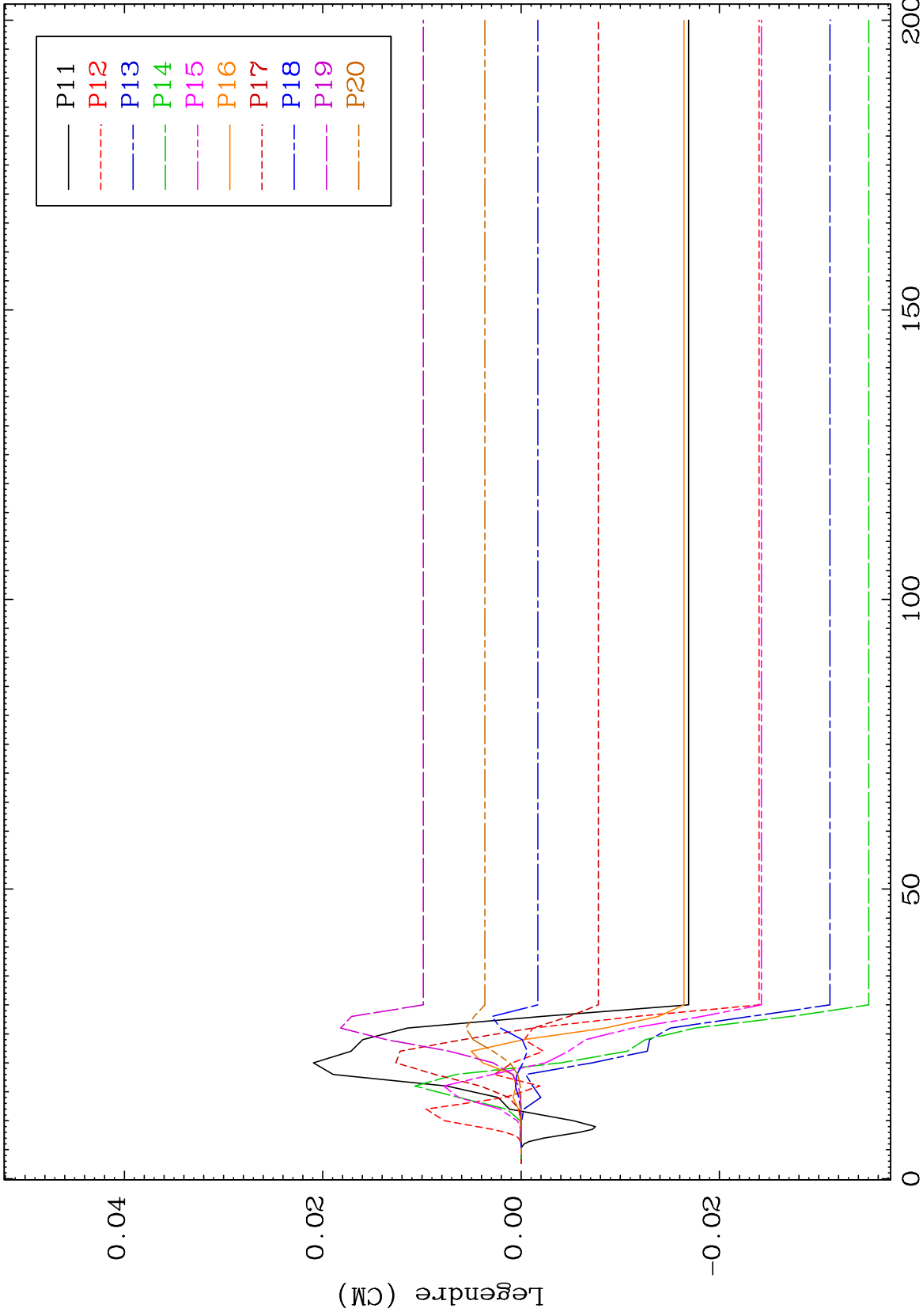
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



84

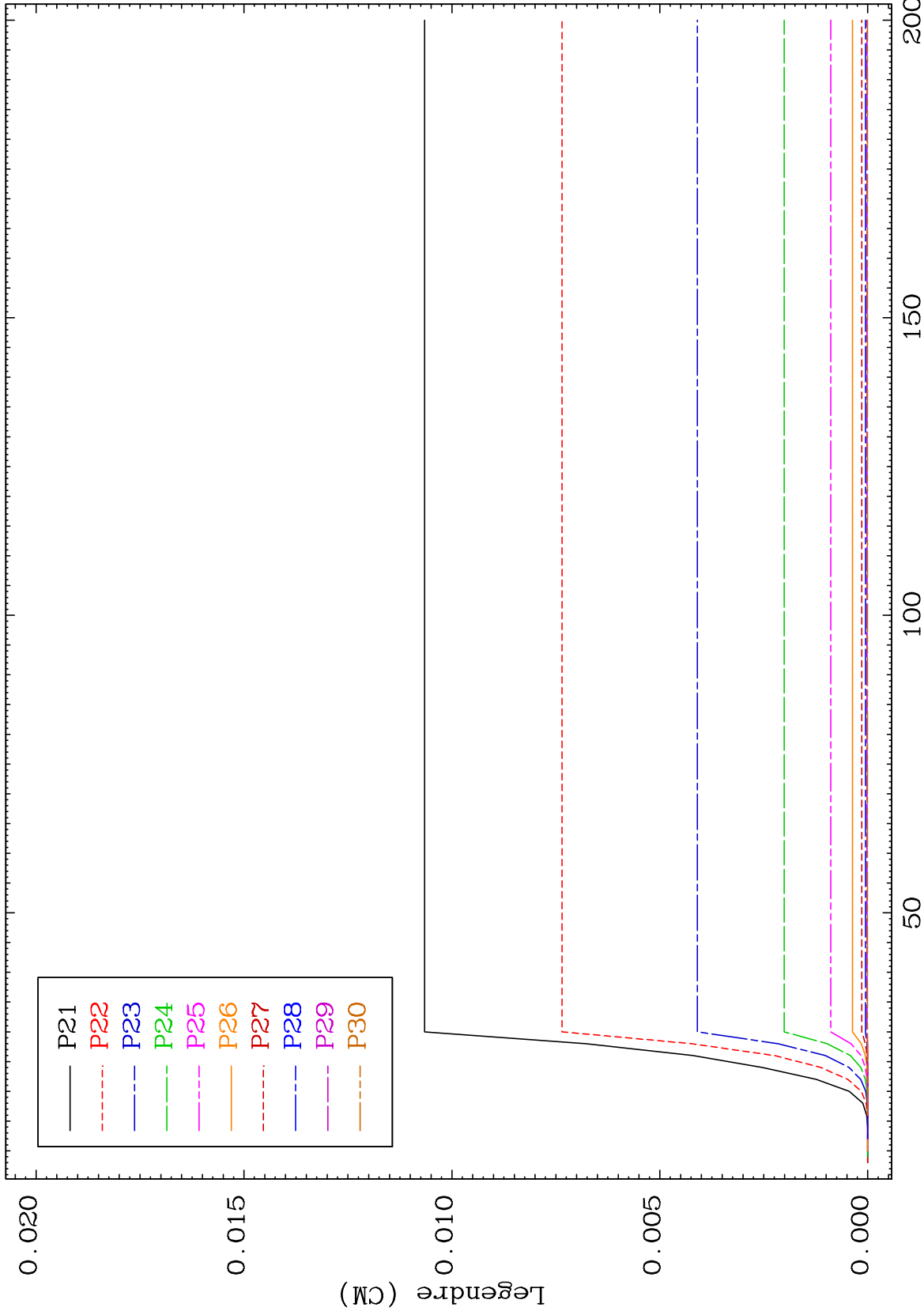
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



85

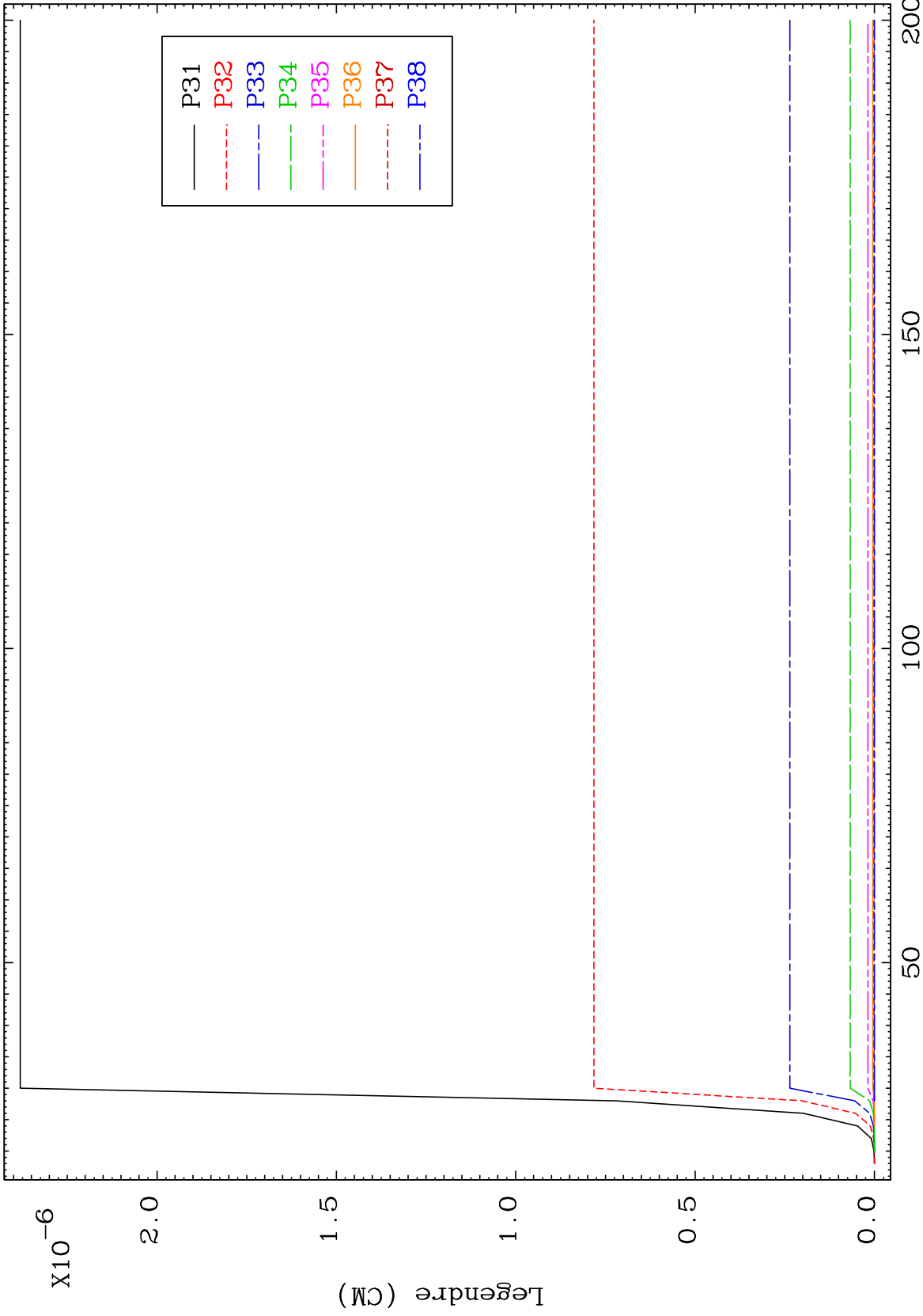
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



86

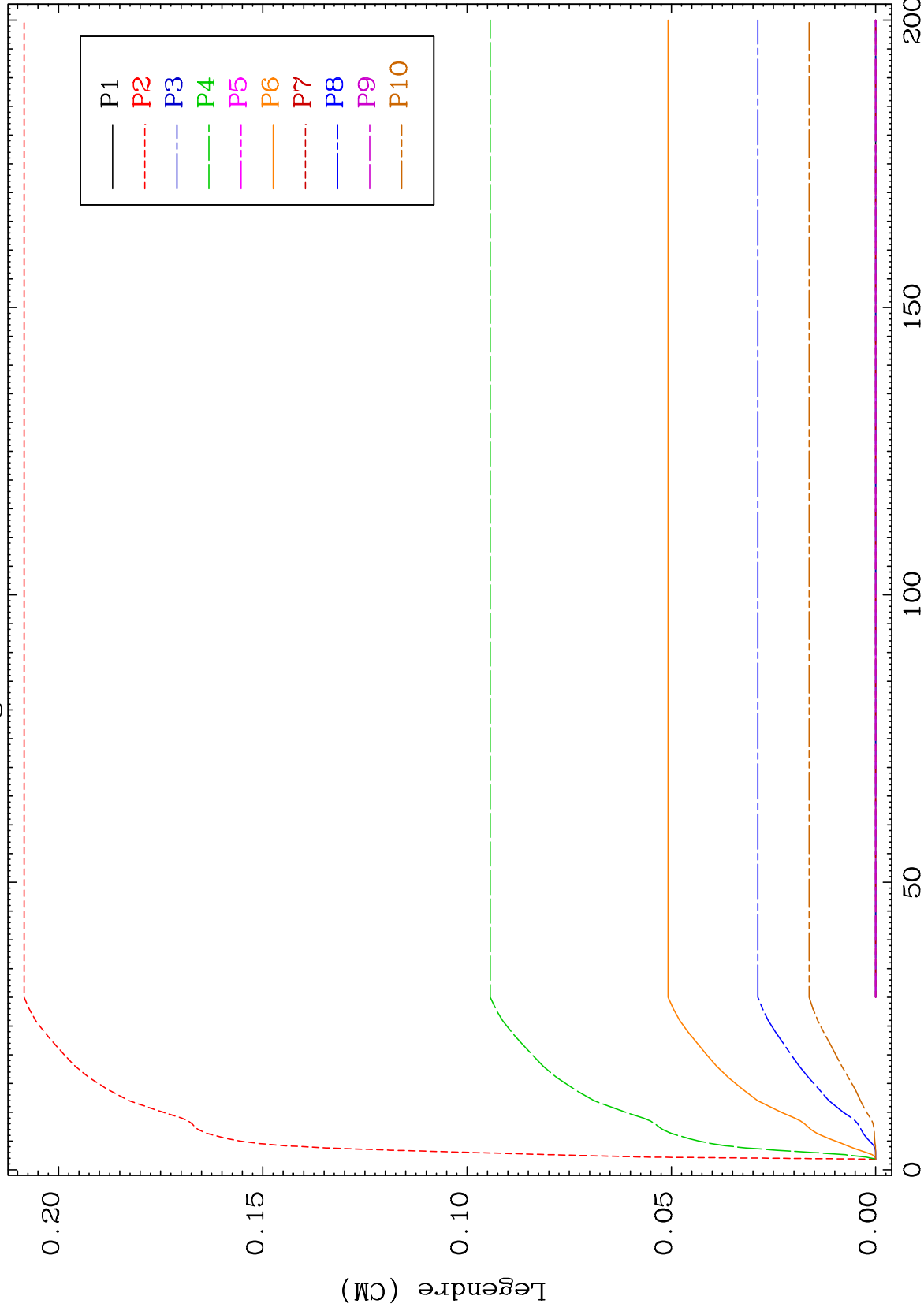
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



87

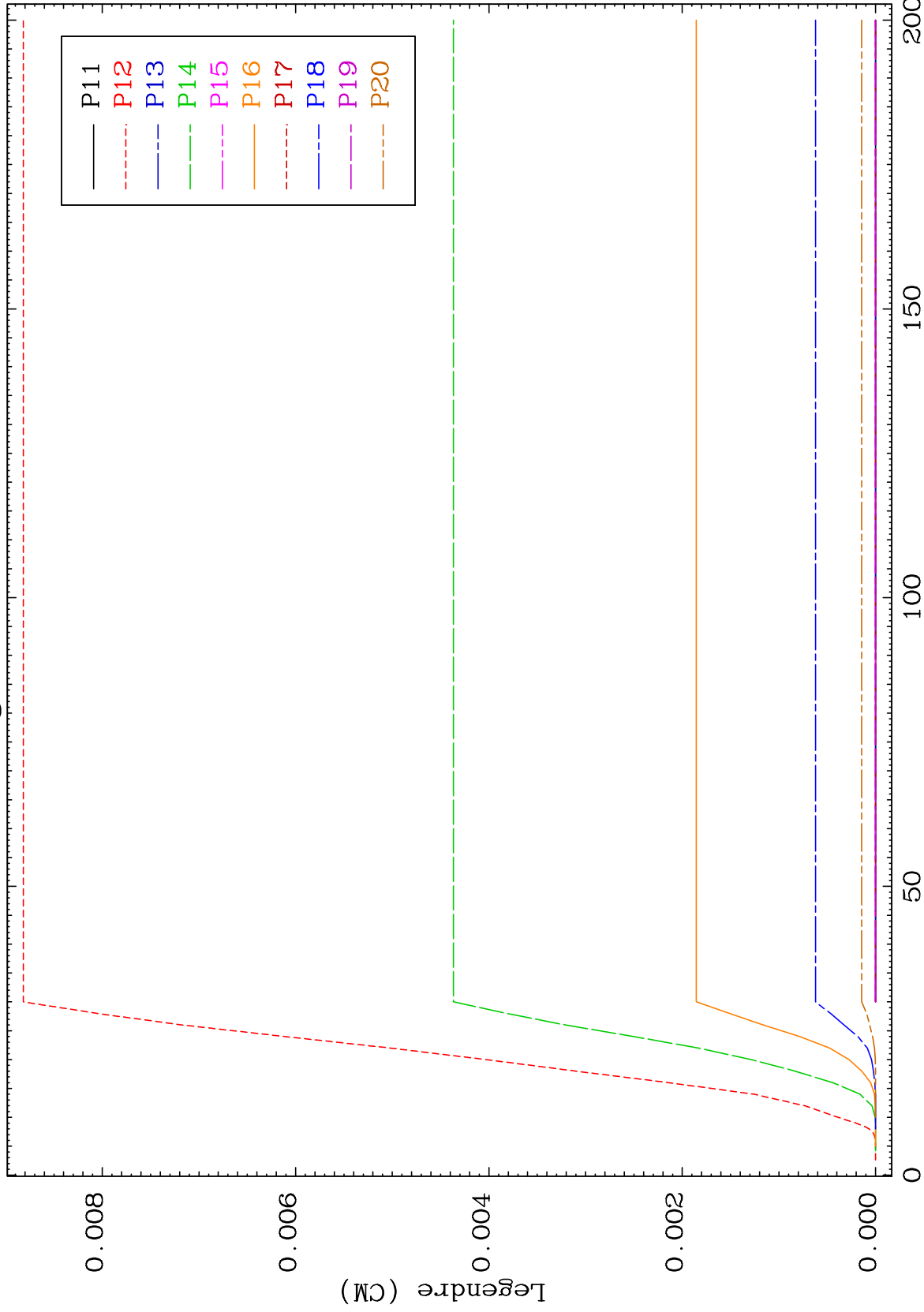
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



88

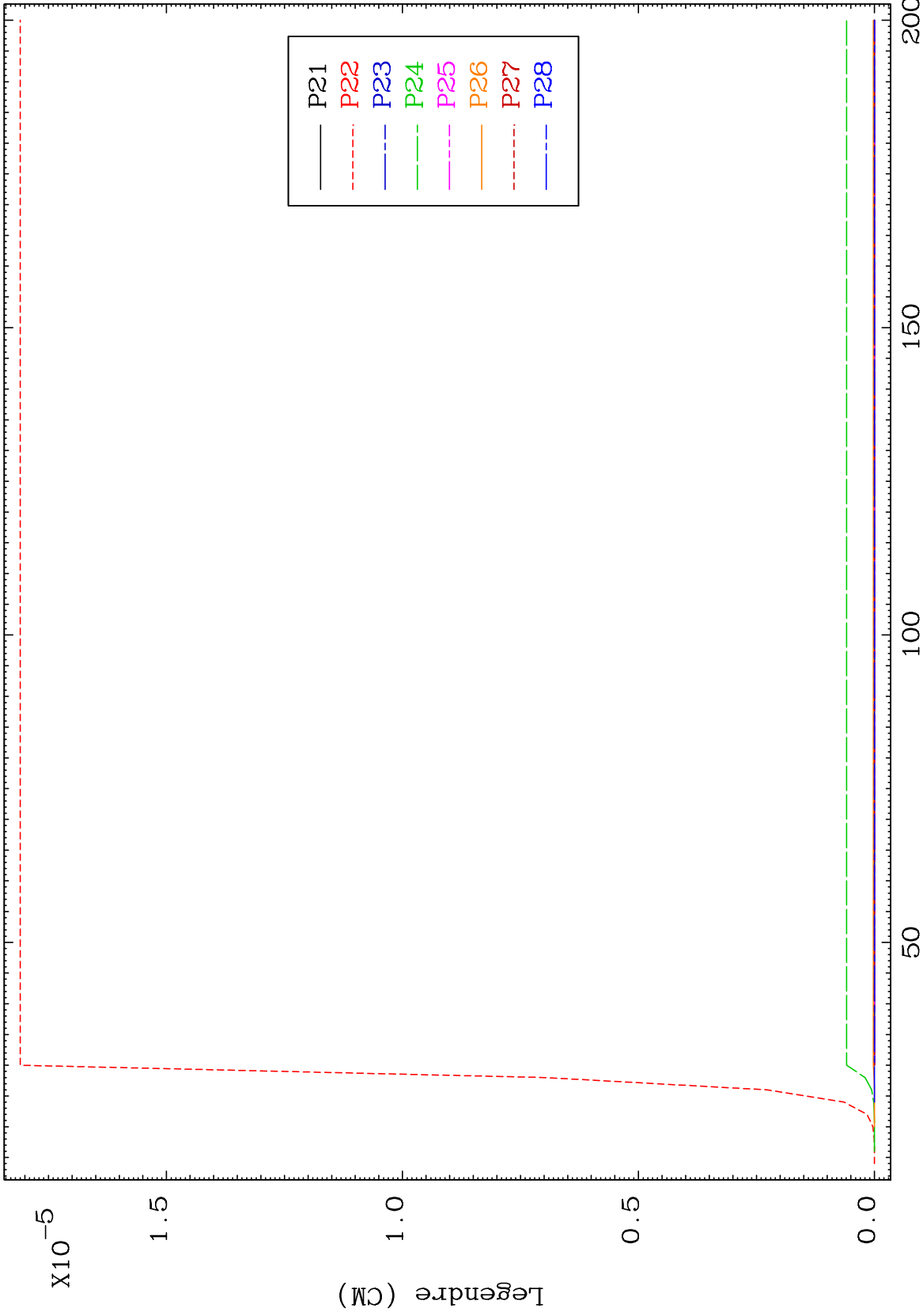
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



89

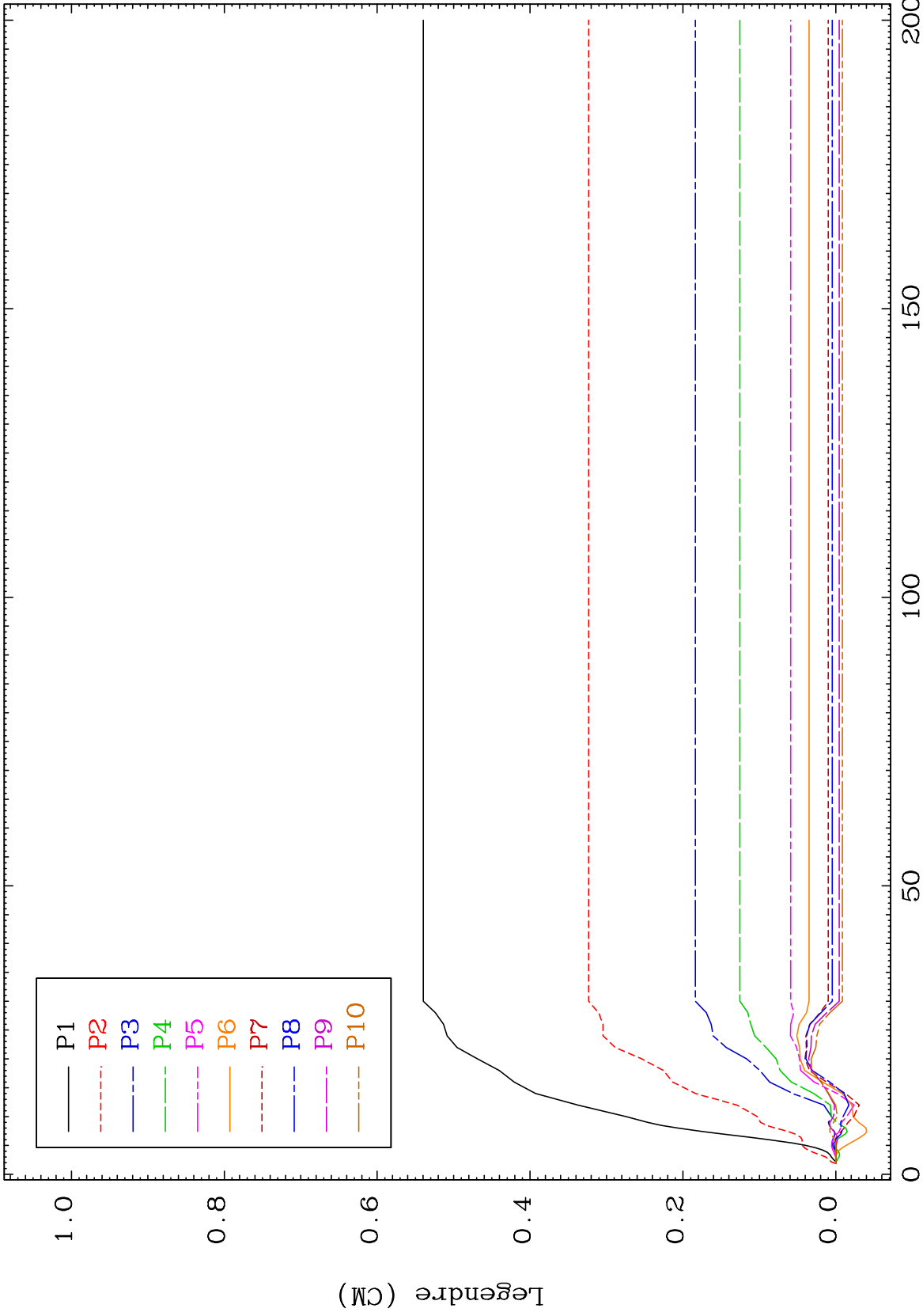
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



90

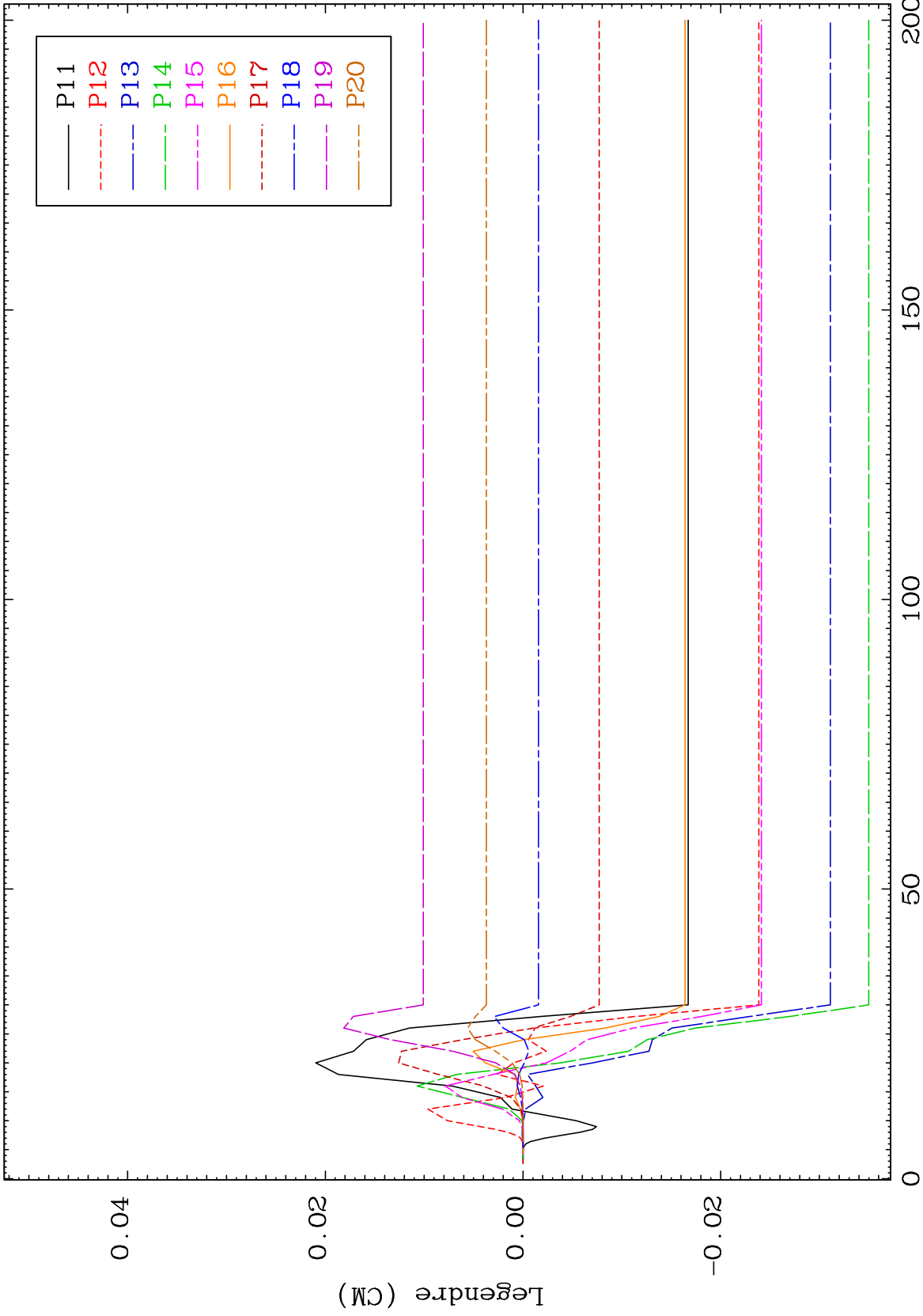
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



91

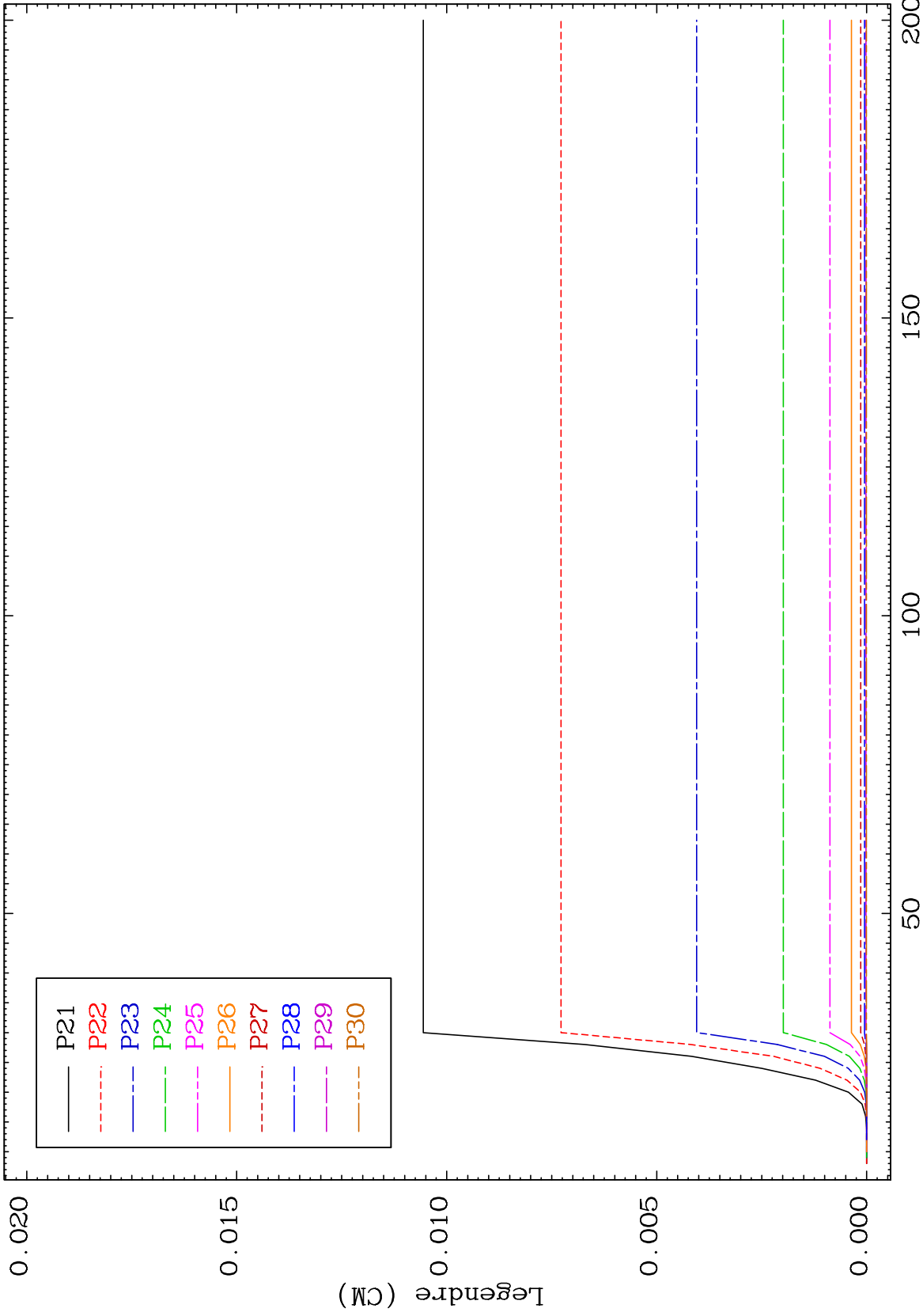
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



92

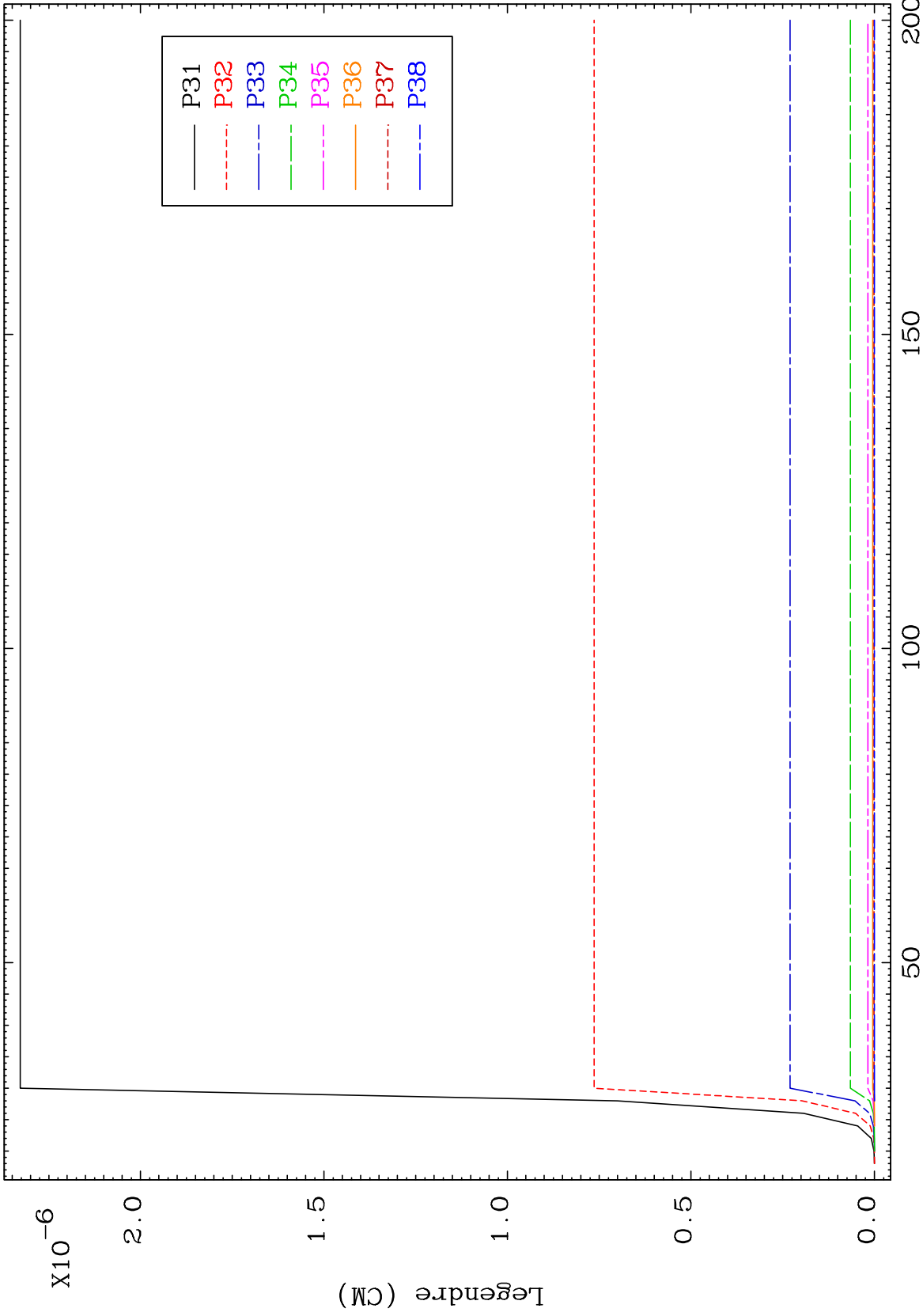
Incident Energy (MeV)

81-T1-205

MAT 8131

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

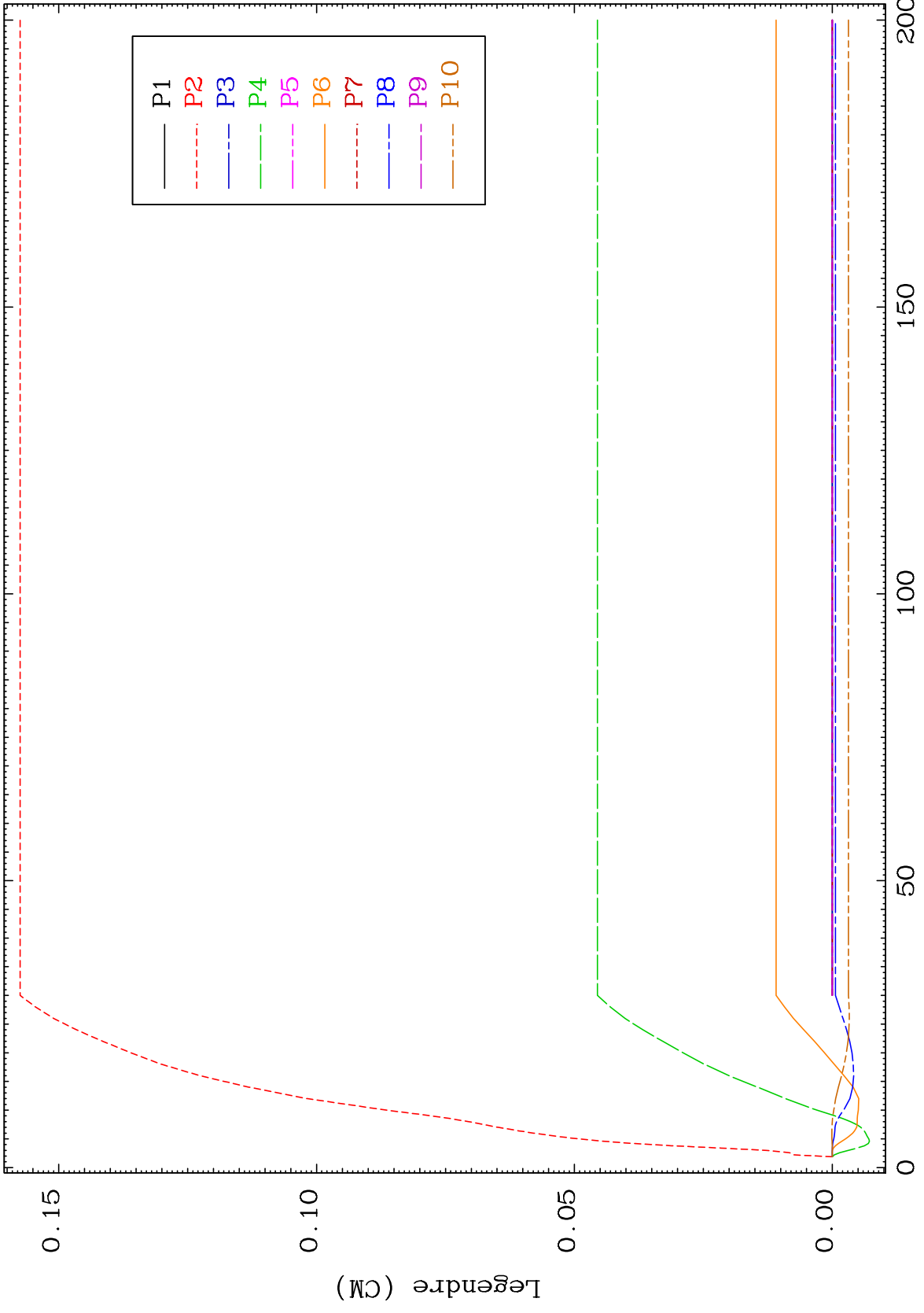
81-T1-205



93

81-T1-205

MAT 8131 MT= 72 (n,n') Level Legendre Coefficients 81-T1-205

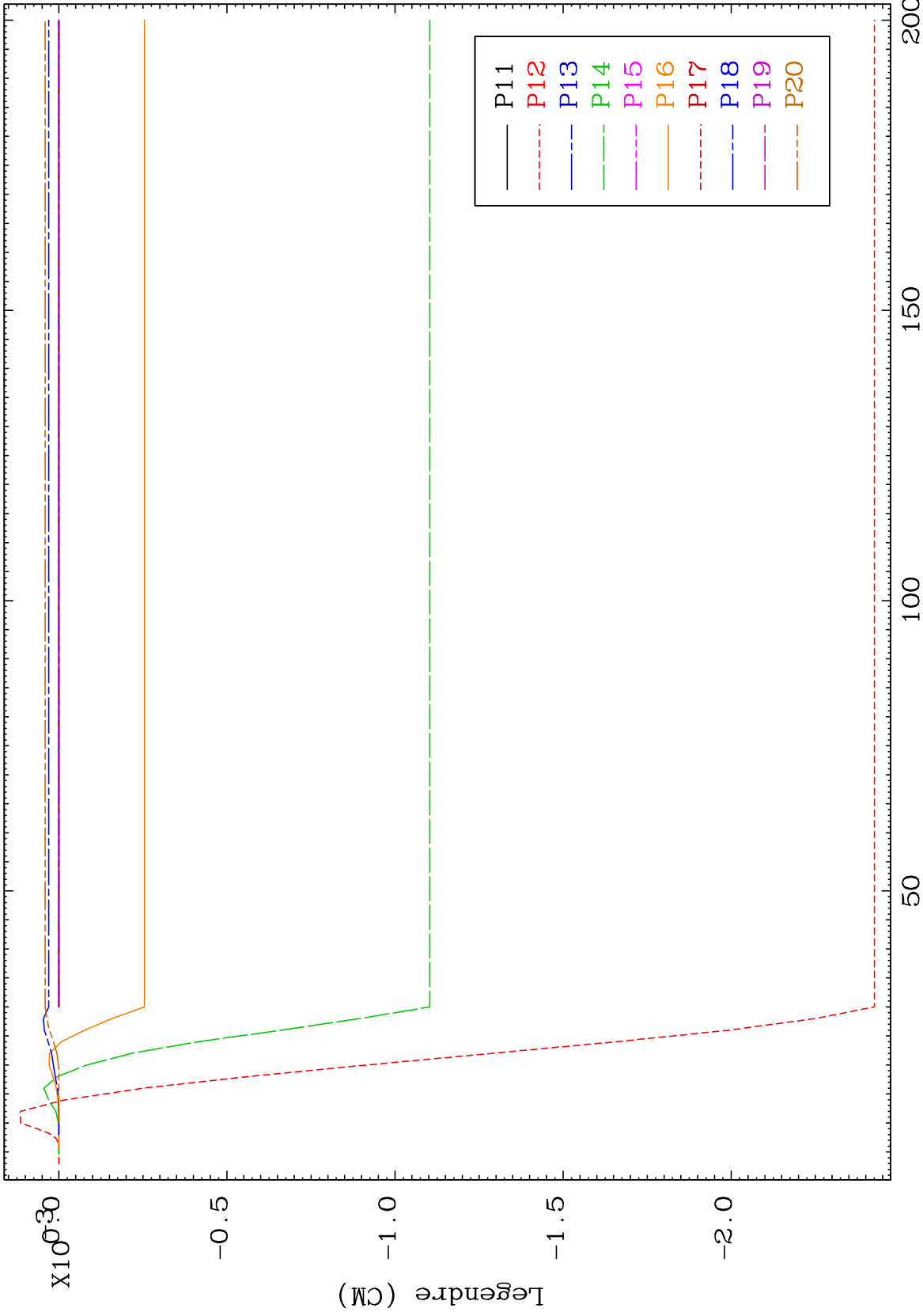


94 81-T1-205

MAT 8131

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

81-T1-205



95

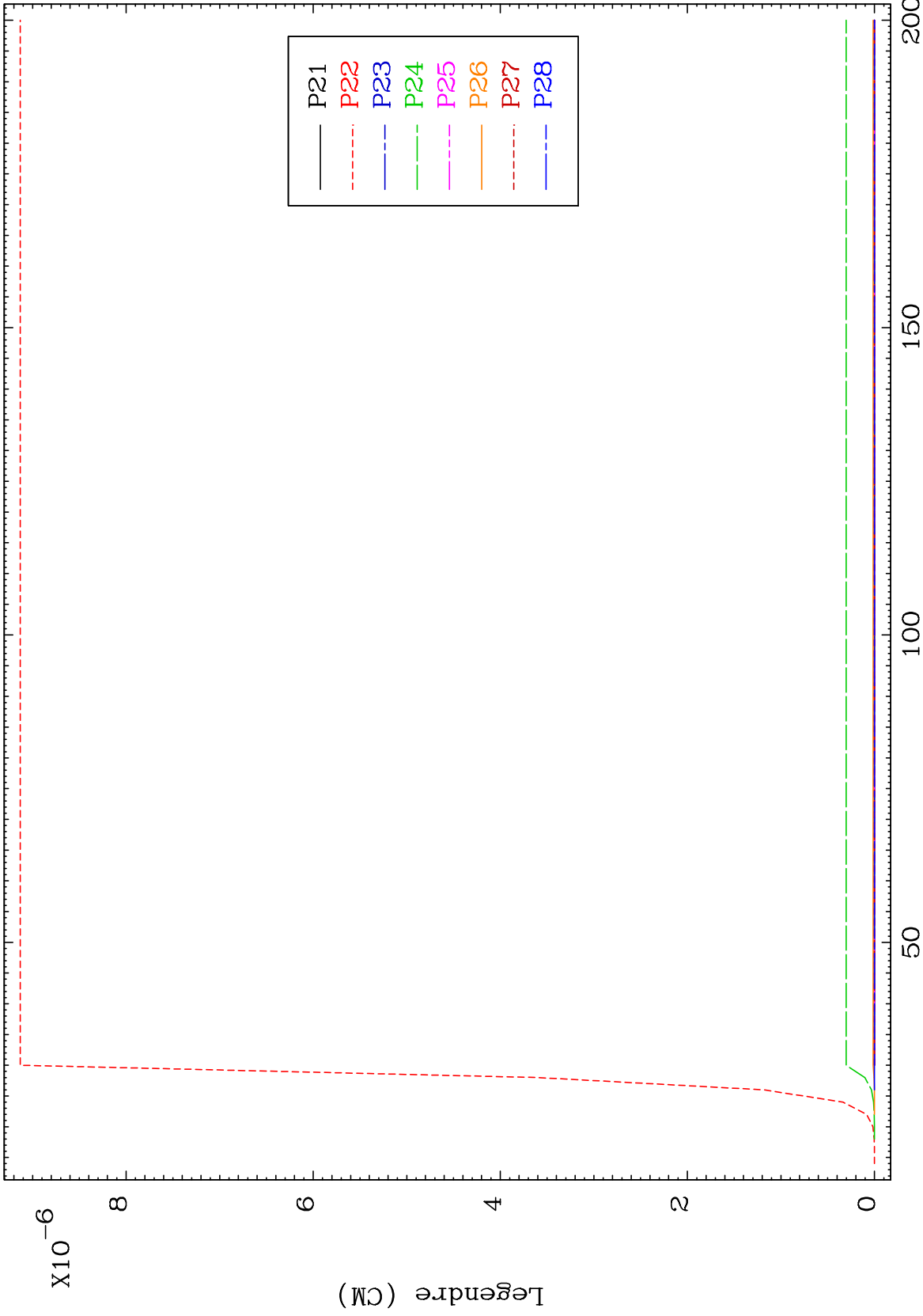
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



96

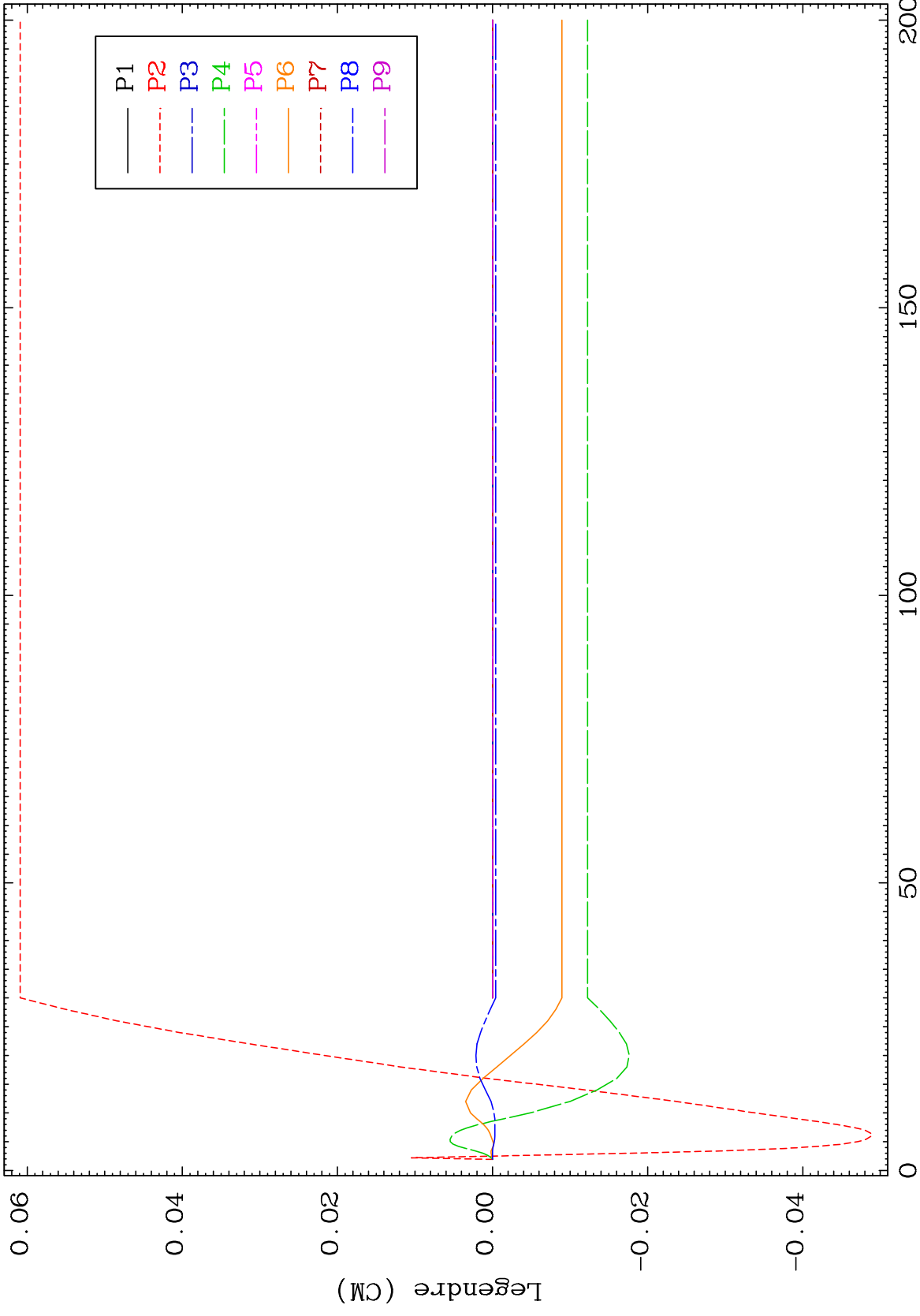
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



97

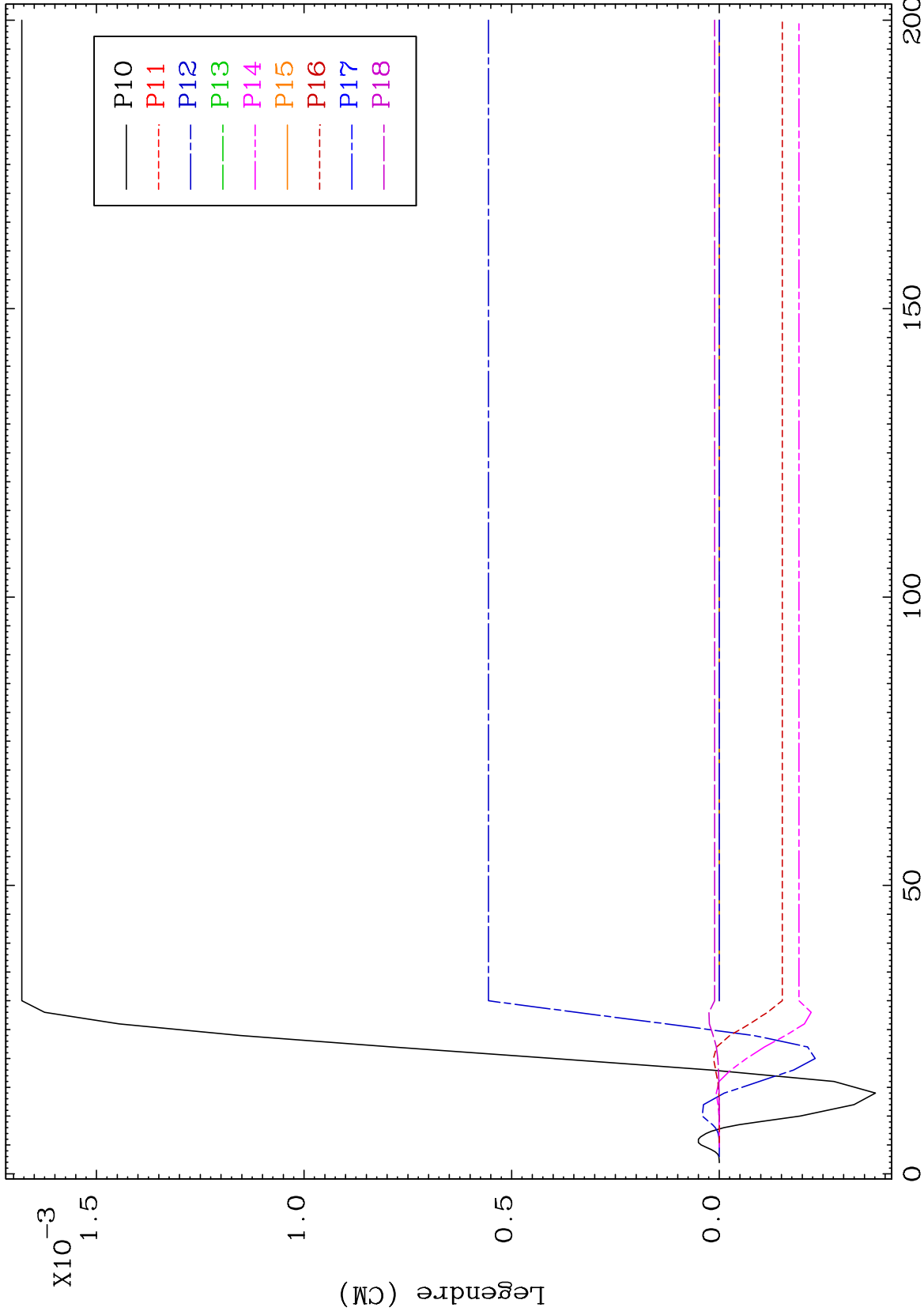
Incident Energy (MeV)

81-T1-205

MAT 8131

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

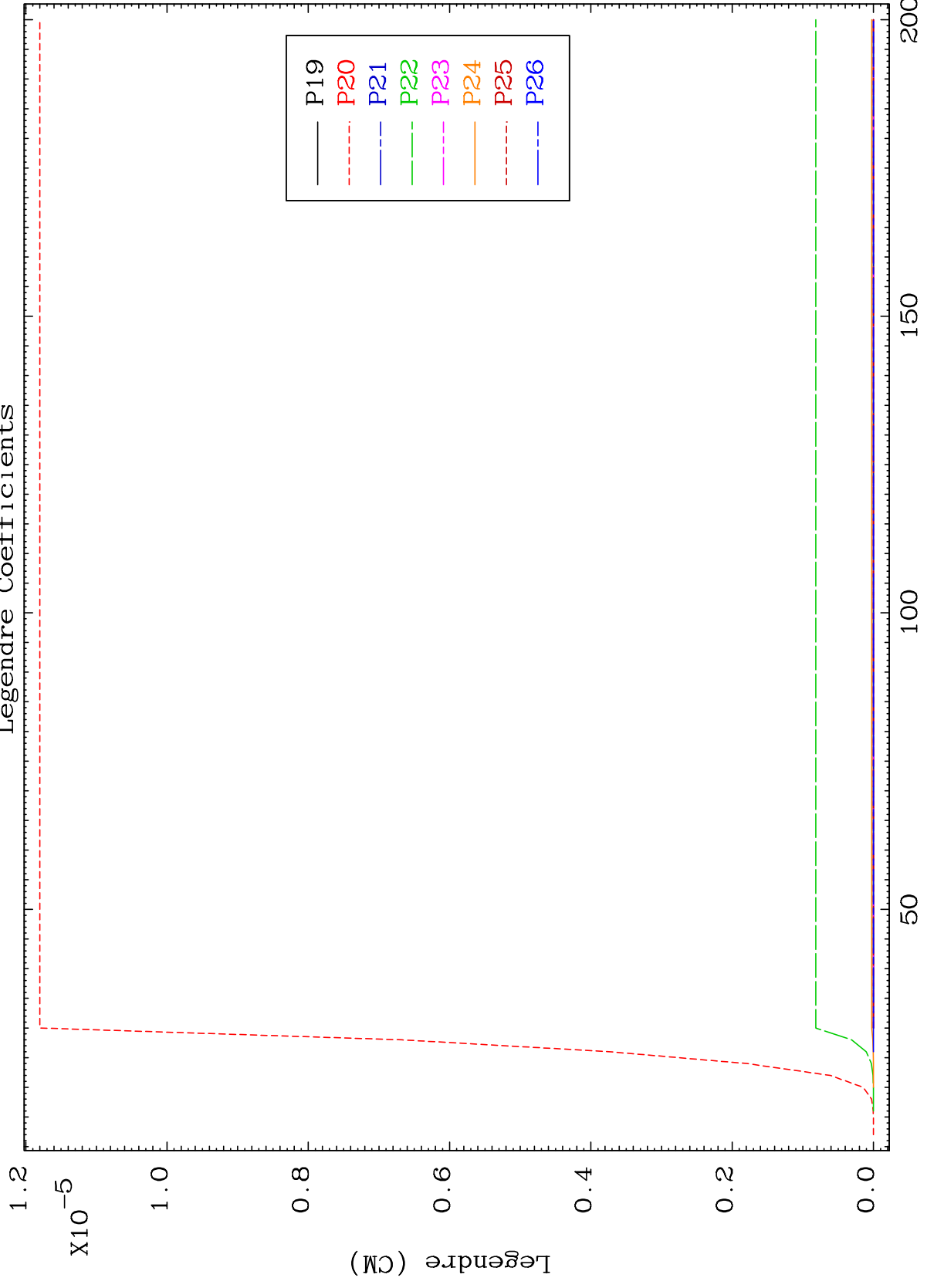
81-T1-205



98

81-T1-205

MAT 8131 MT= 73 (n,n') Level Legendre Coefficients 81-T1-205

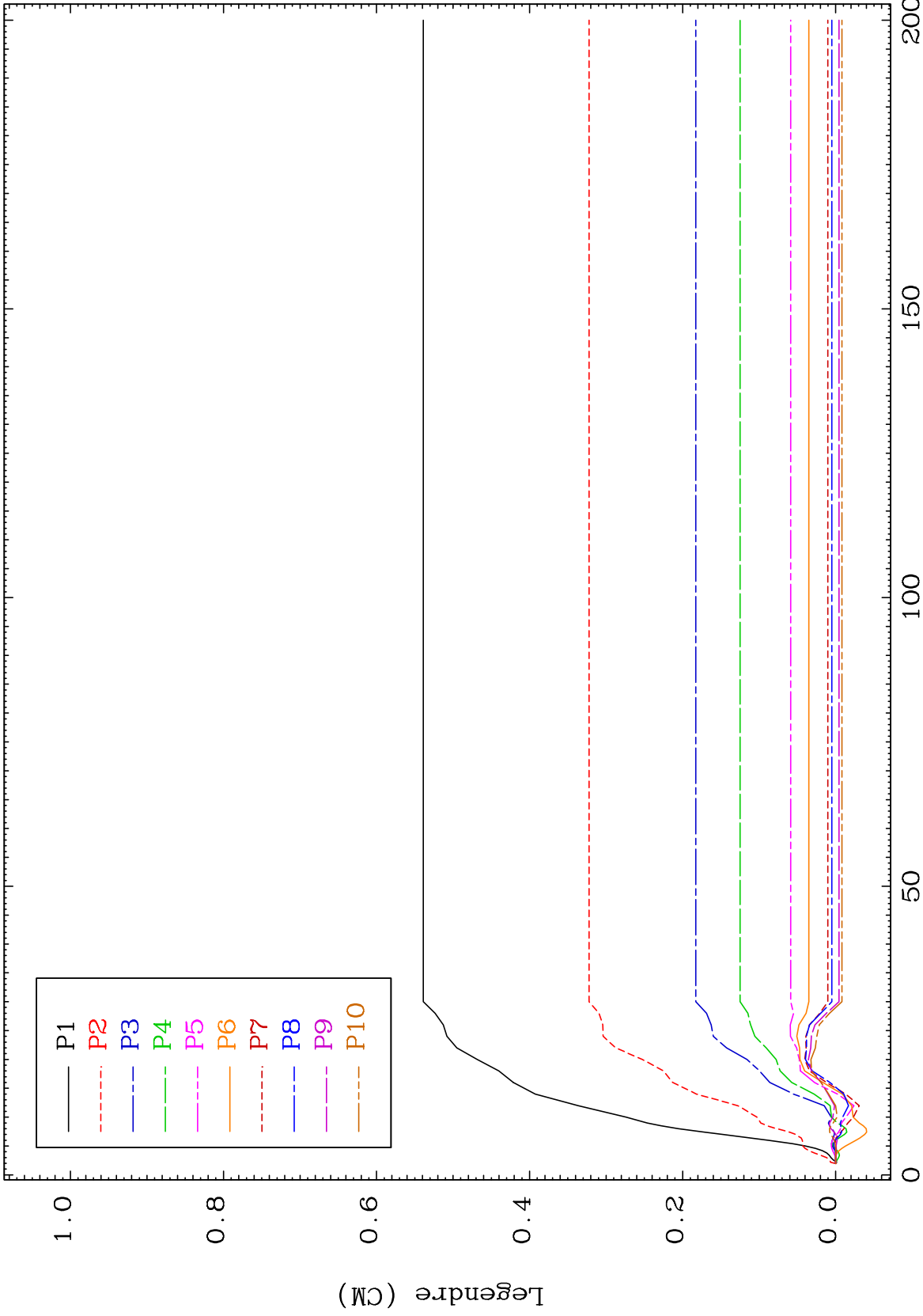


99 50 100 150 200 81-T1-205

MAT 8131

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

81-T1-205



81-T1-205

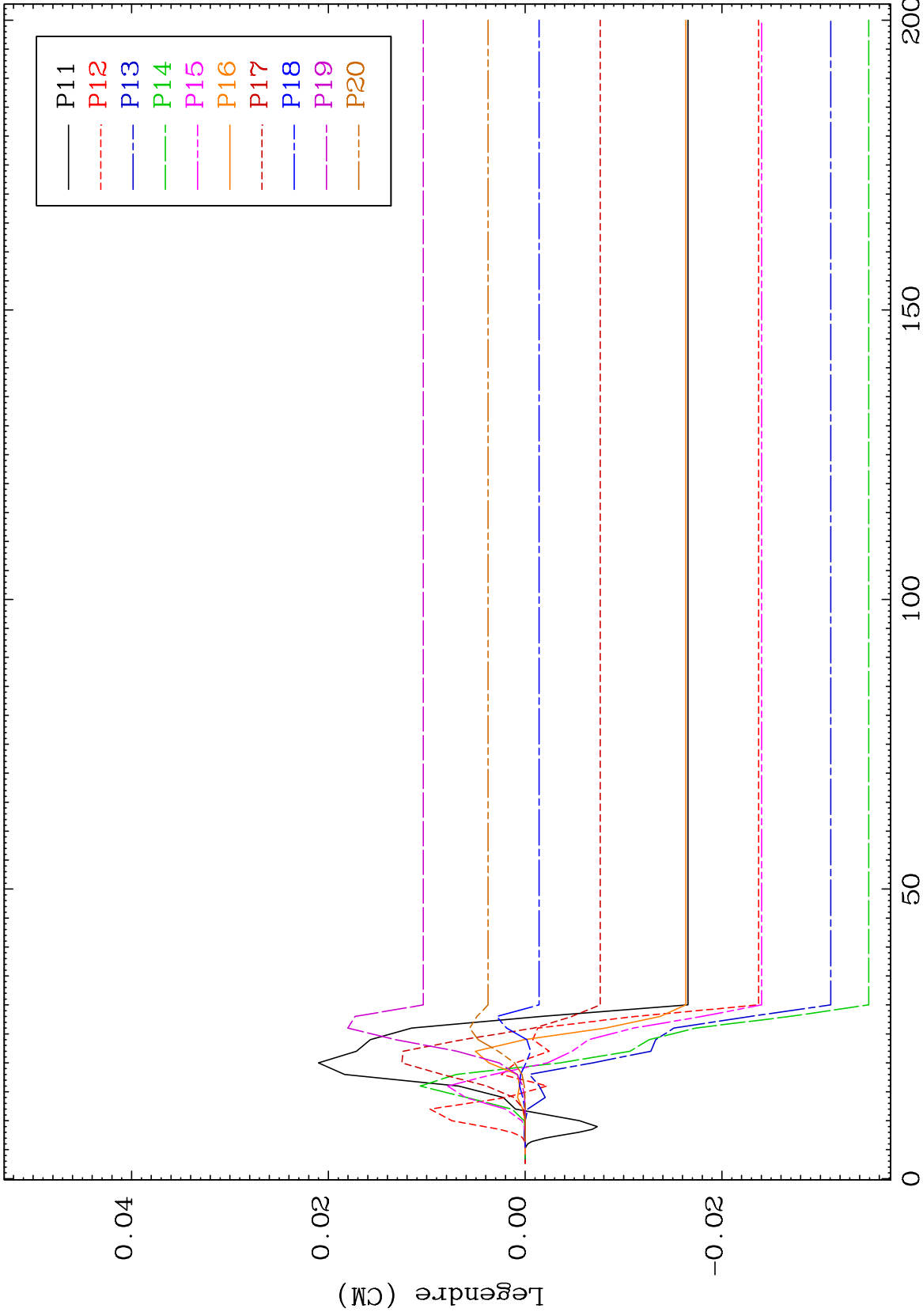
Incident Energy (MeV)

100

MAT 8131

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

81-T1-205



101

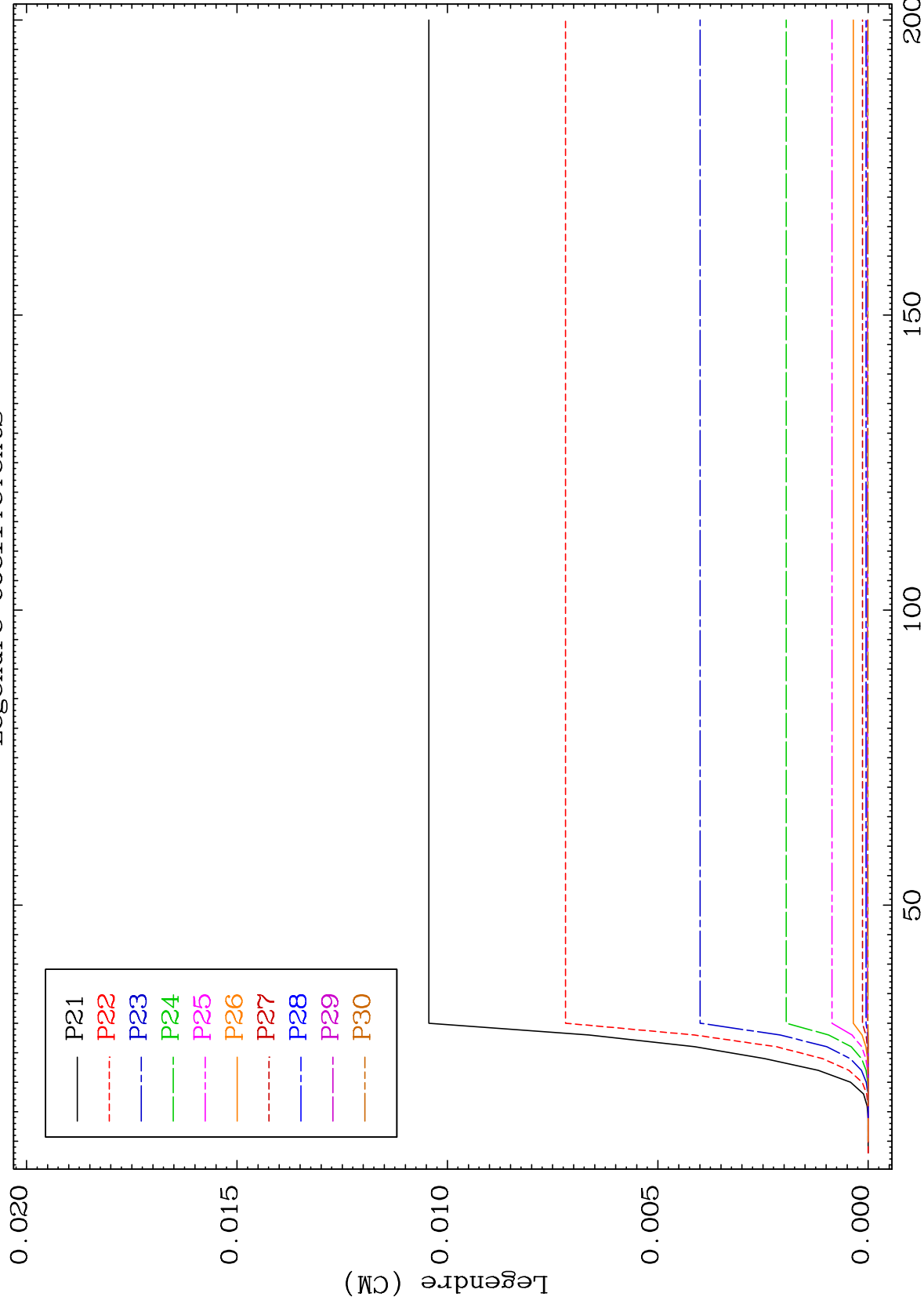
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



102

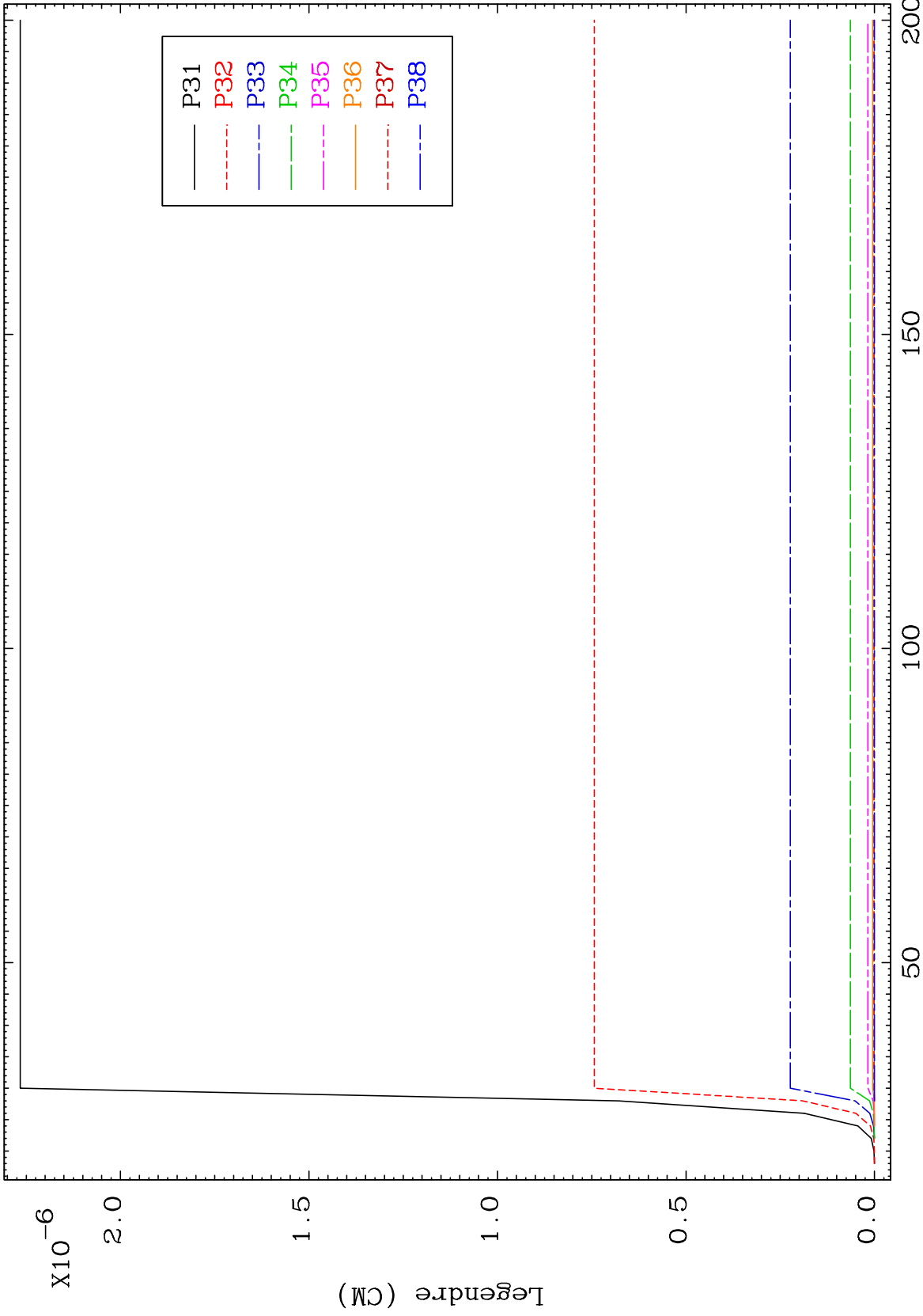
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



103

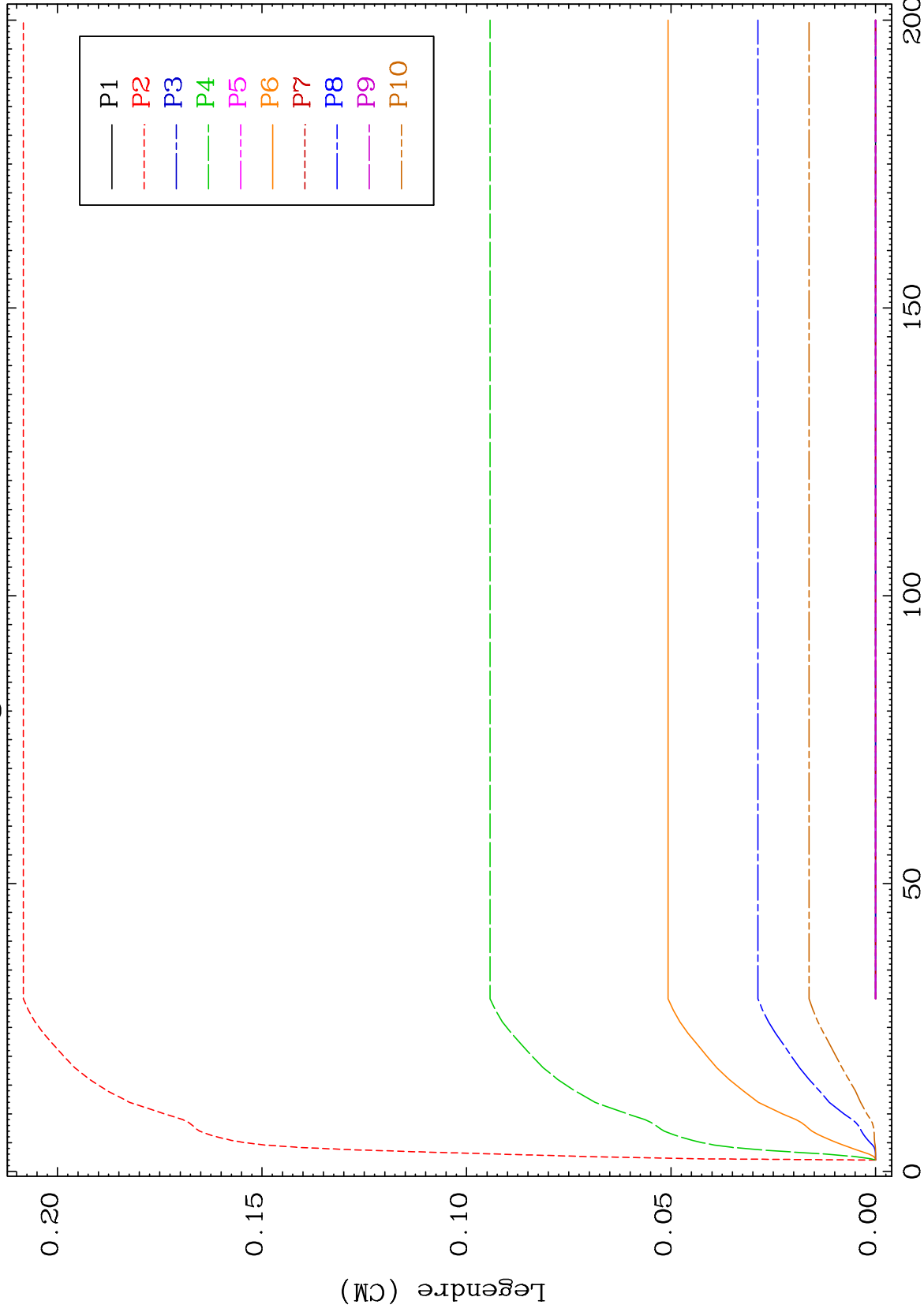
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



104

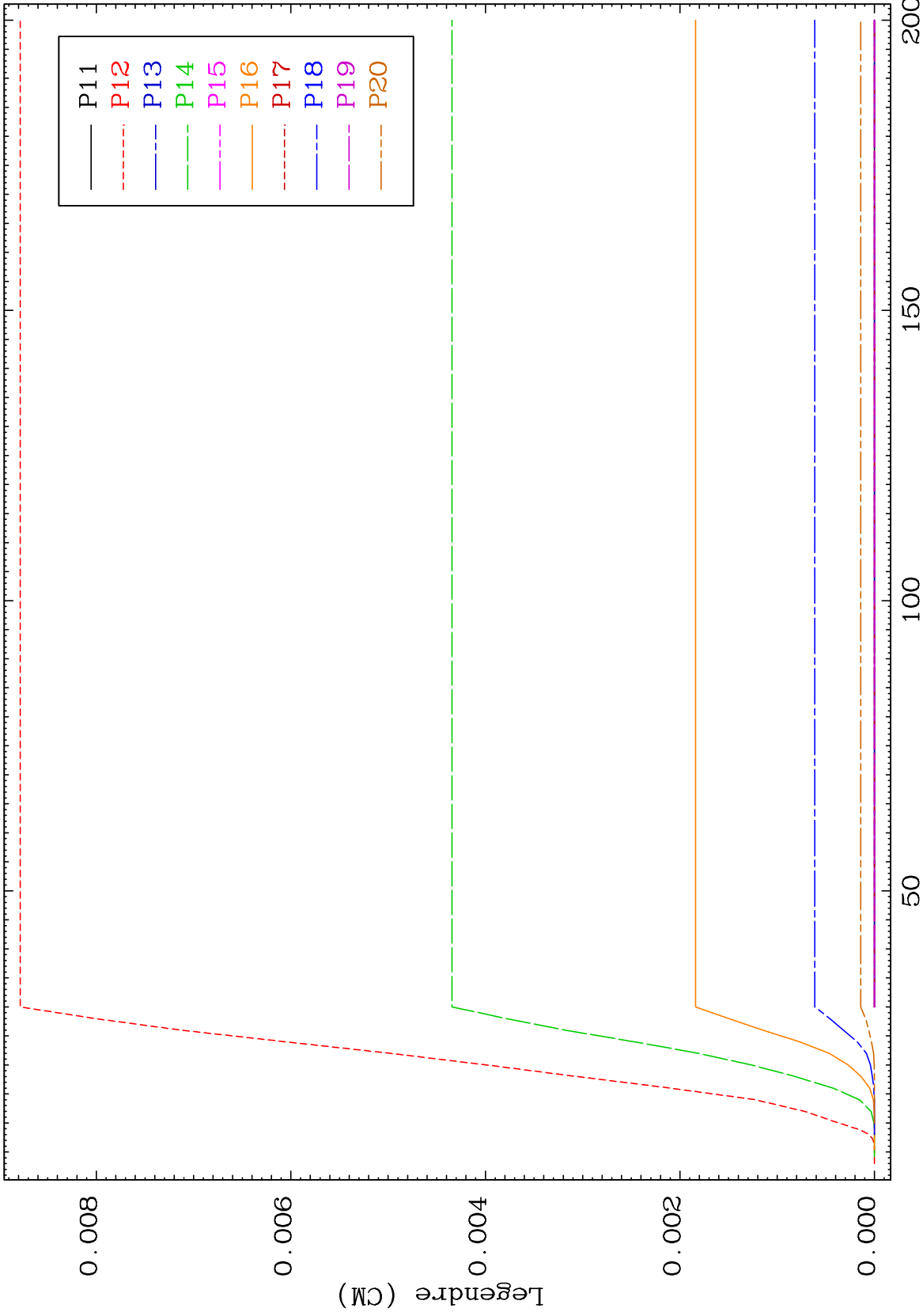
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205

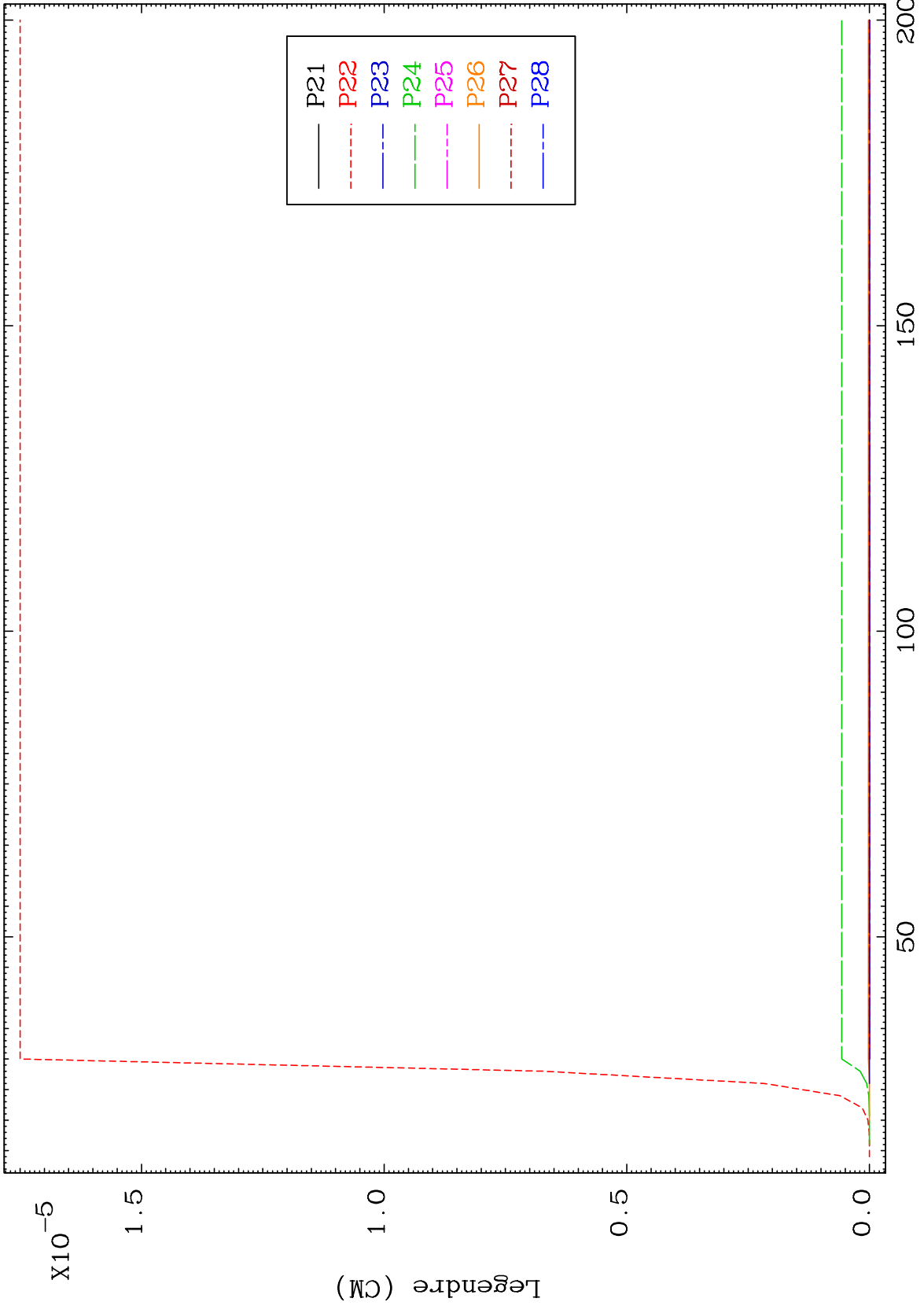


105

Incident Energy (MeV)

81-T1-205

MAT 8131 MT= 75 (n,n') Level Legendre Coefficients 81-T1-205

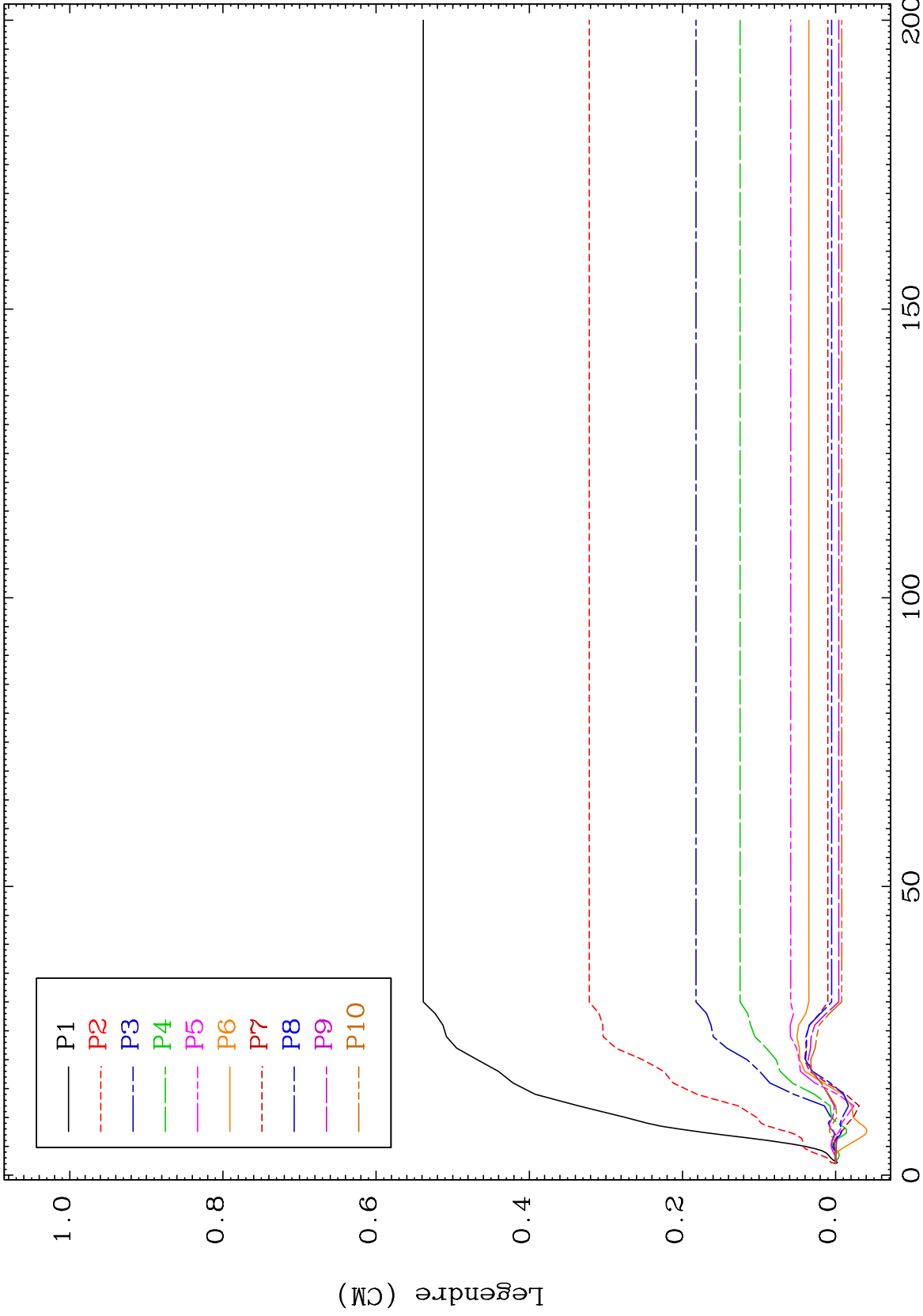


106 Incident Energy (MeV) 81-T1-205

MAT 8131

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

81-T1-205



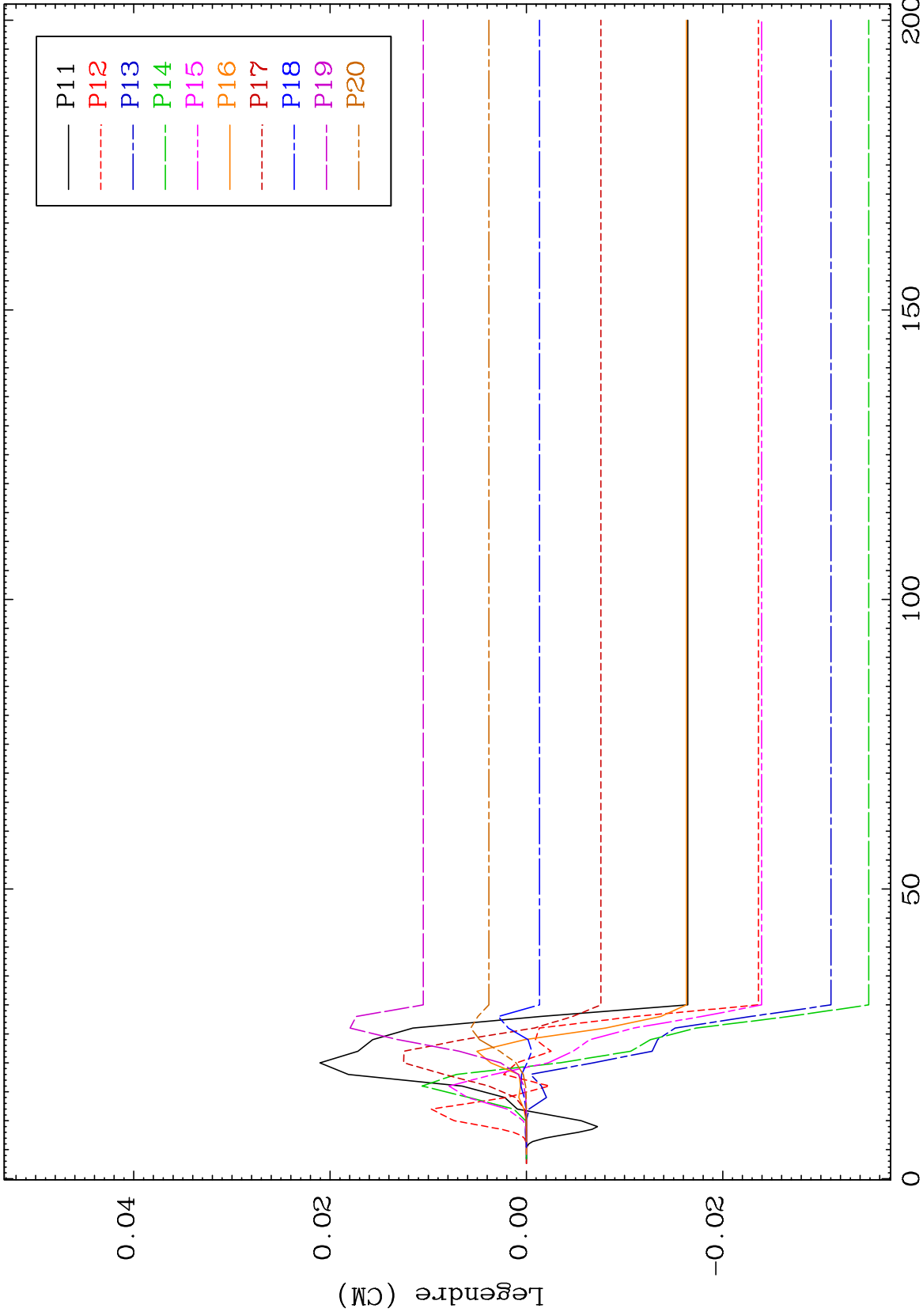
107

81-T1-205

MAT 8131

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

81-T1-205



108

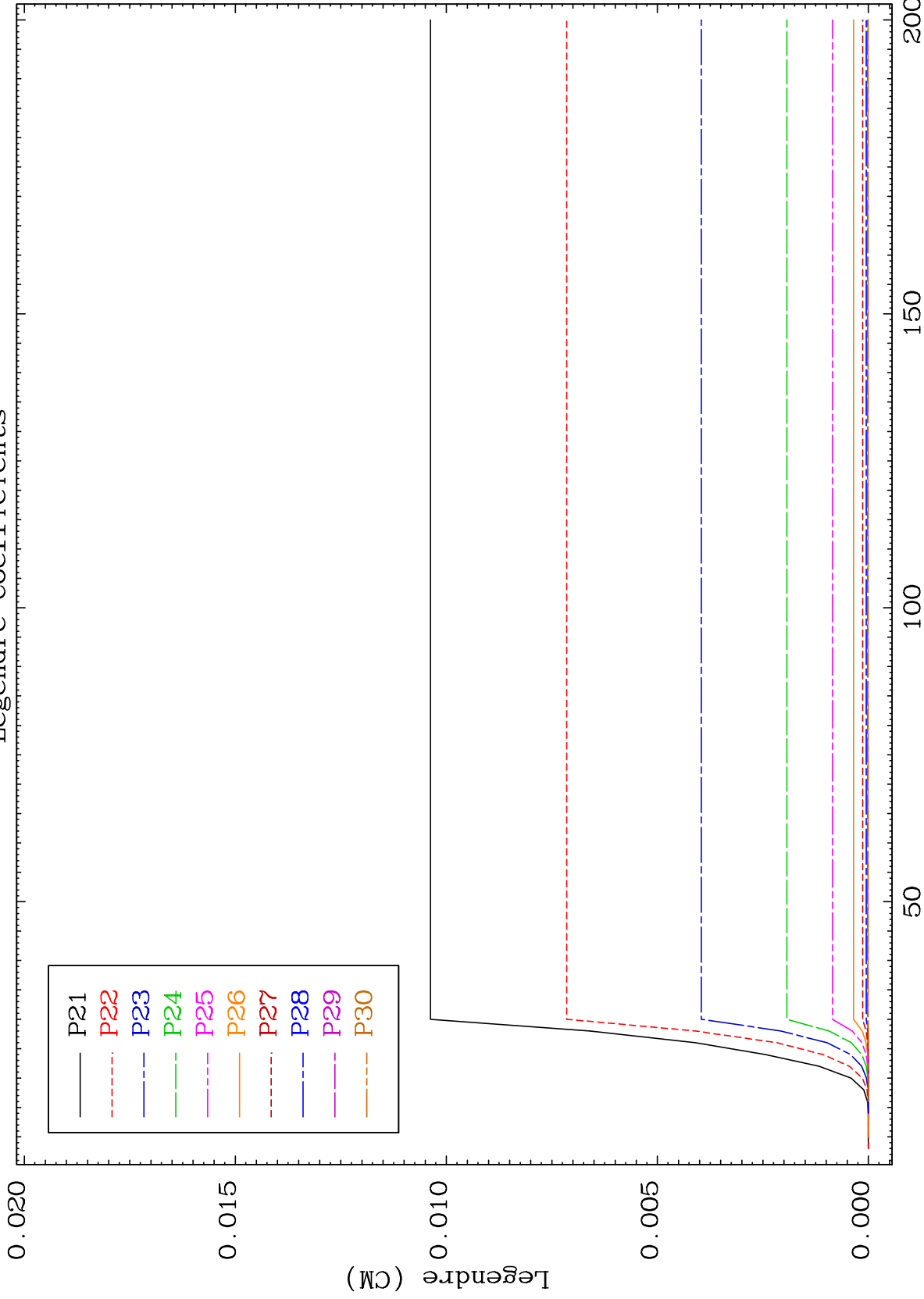
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



109

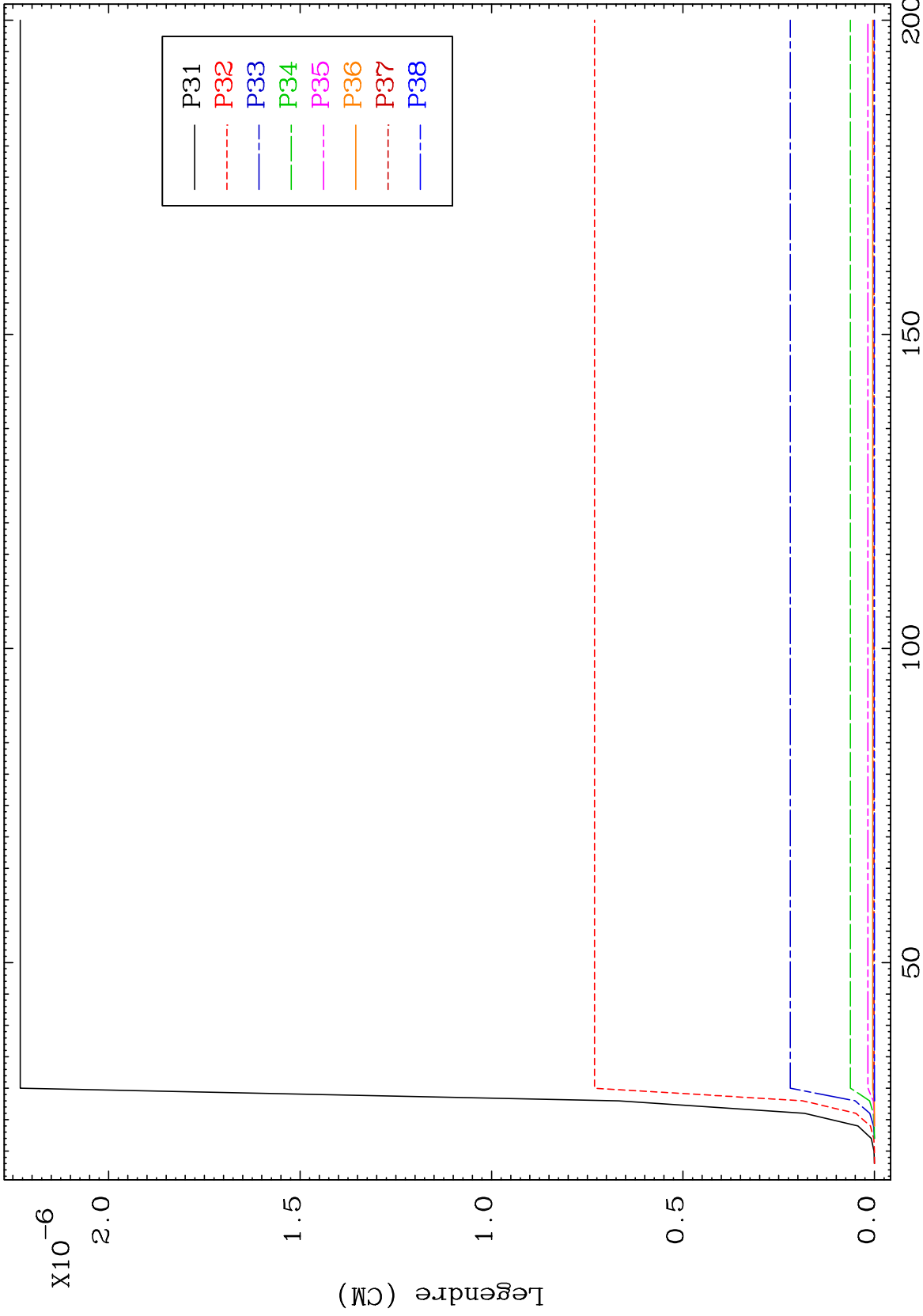
Incident Energy (MeV)

81-T1-205

MAT 8131

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

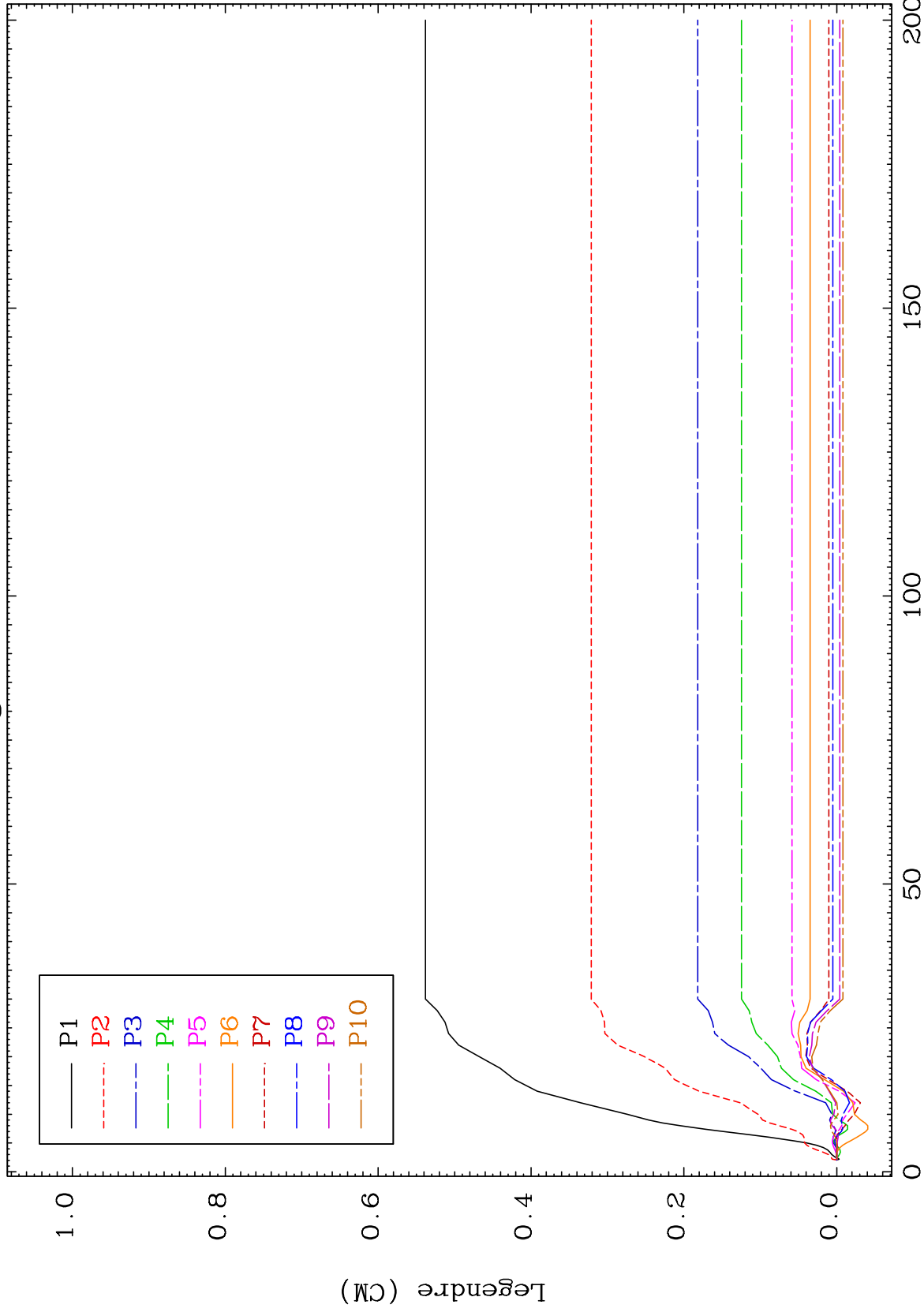
81-T1-205



110

Incident Energy (MeV)

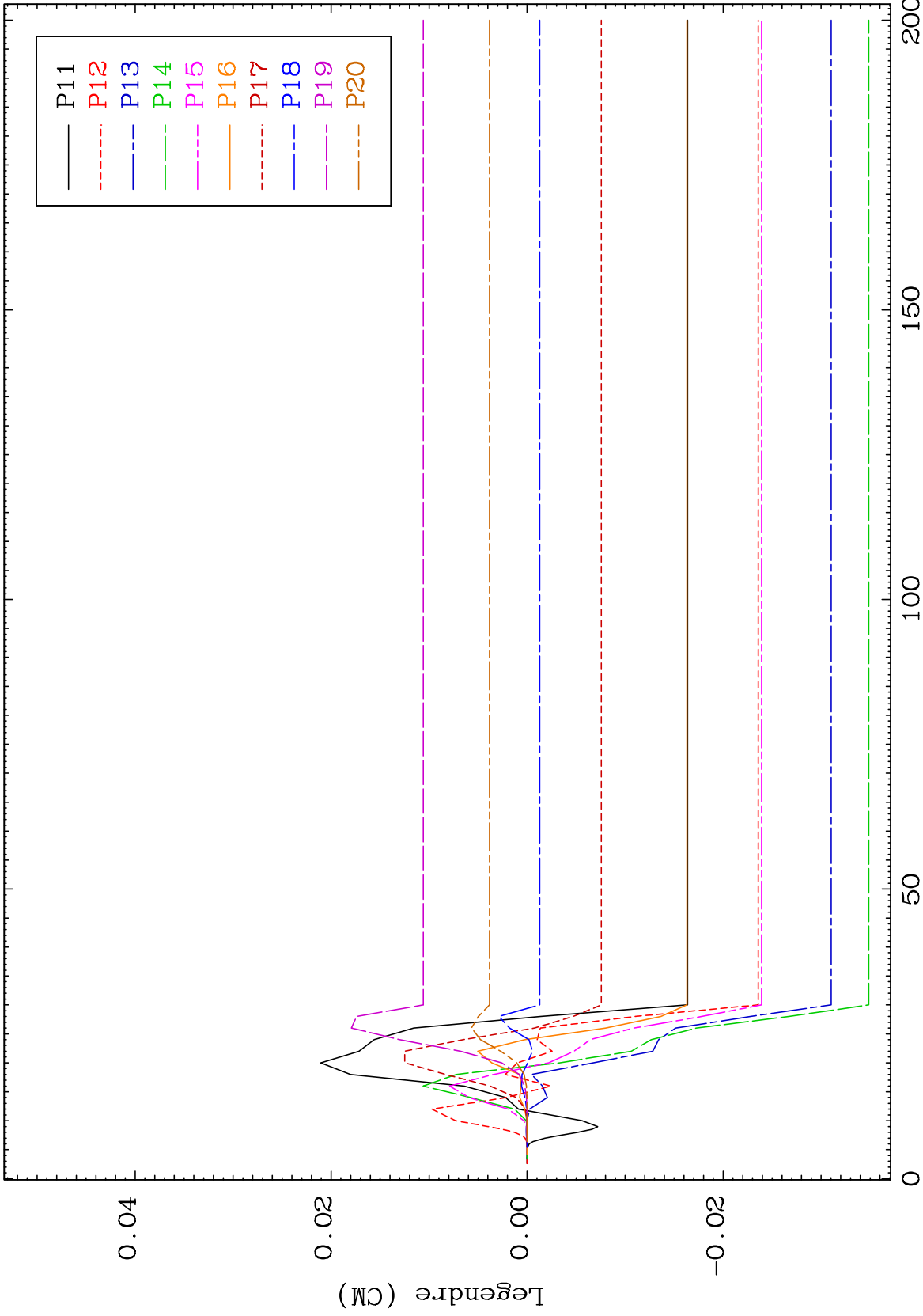
81-T1-205



MAT 8131

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

81-T1-205



112

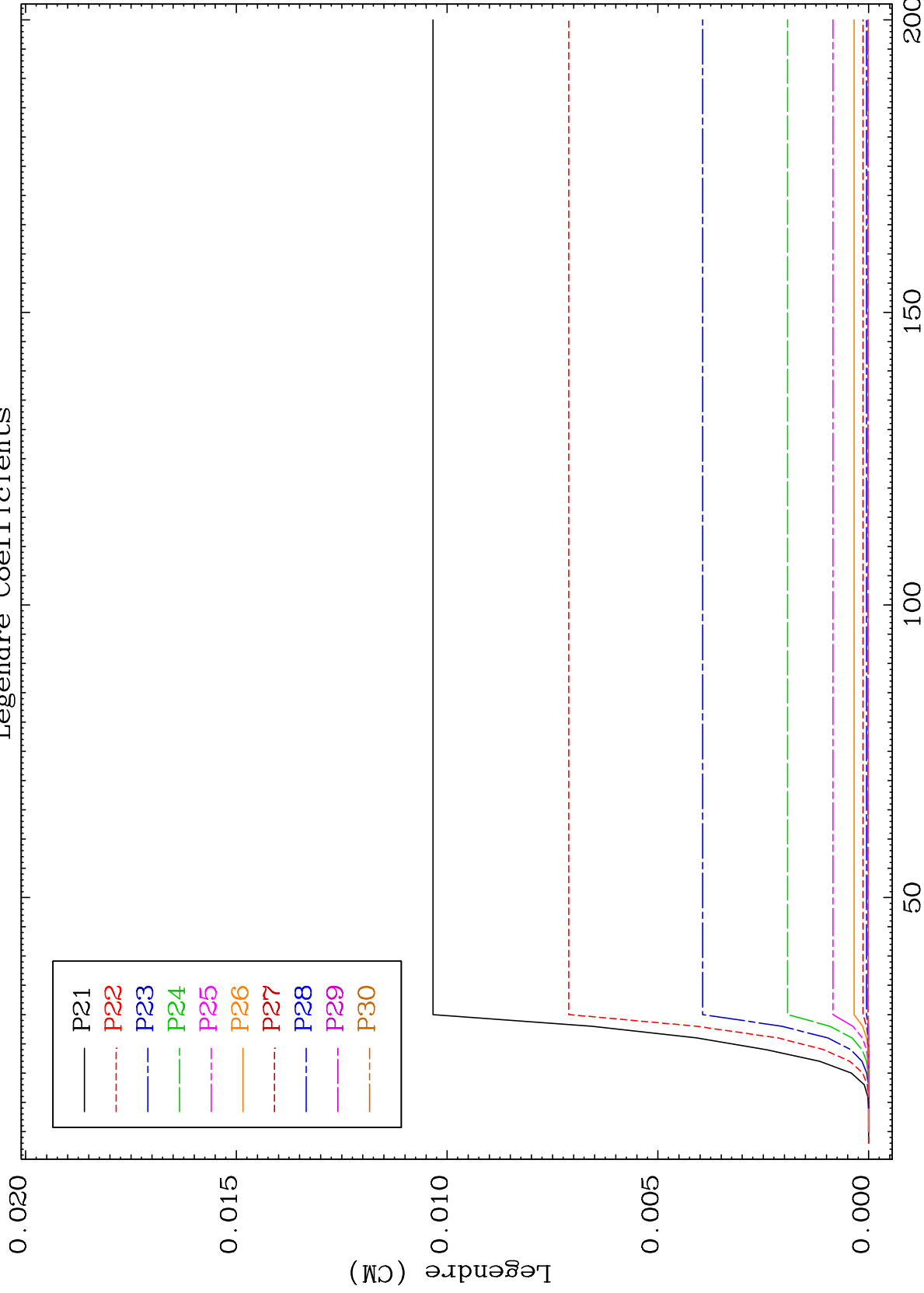
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



113

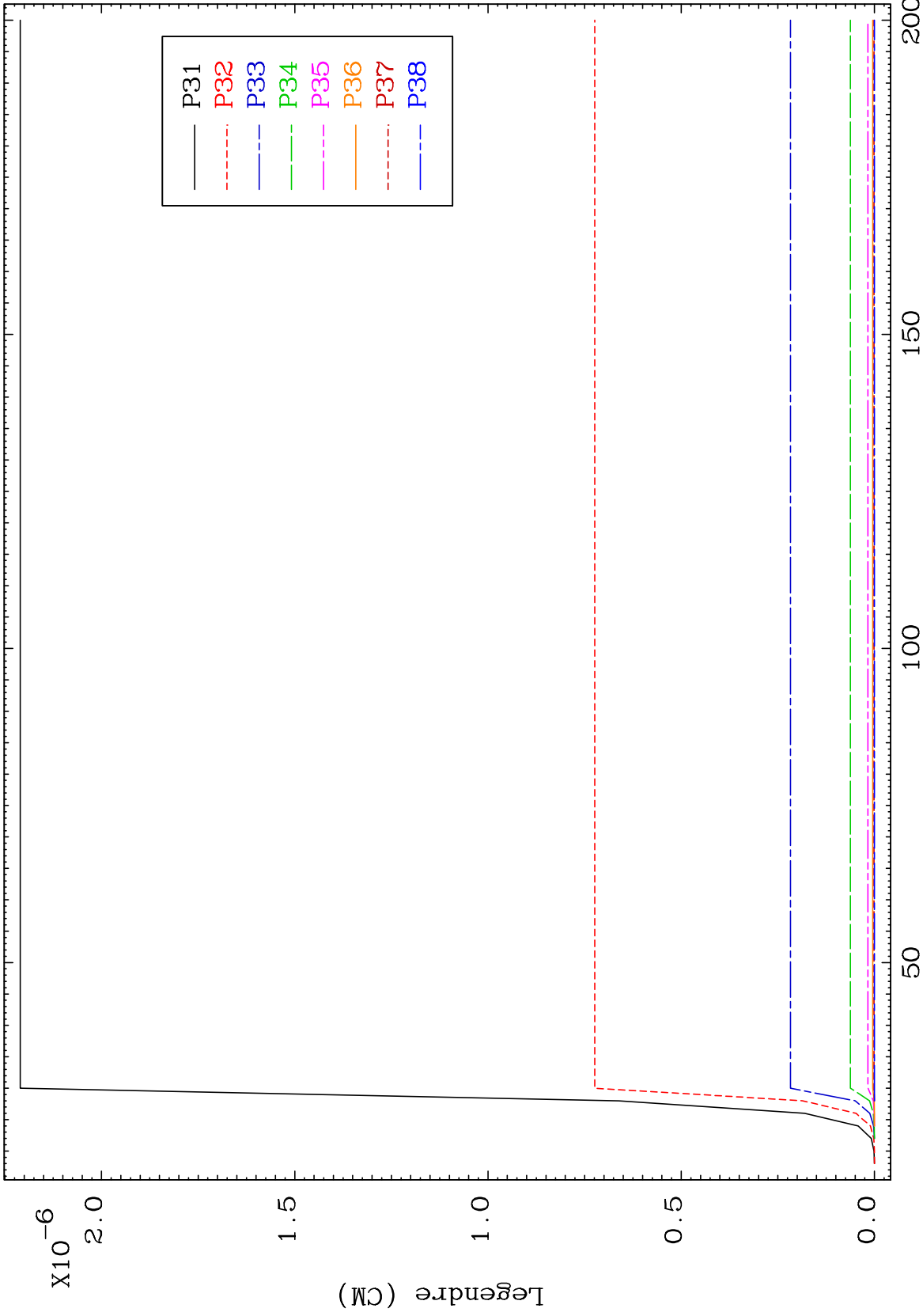
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



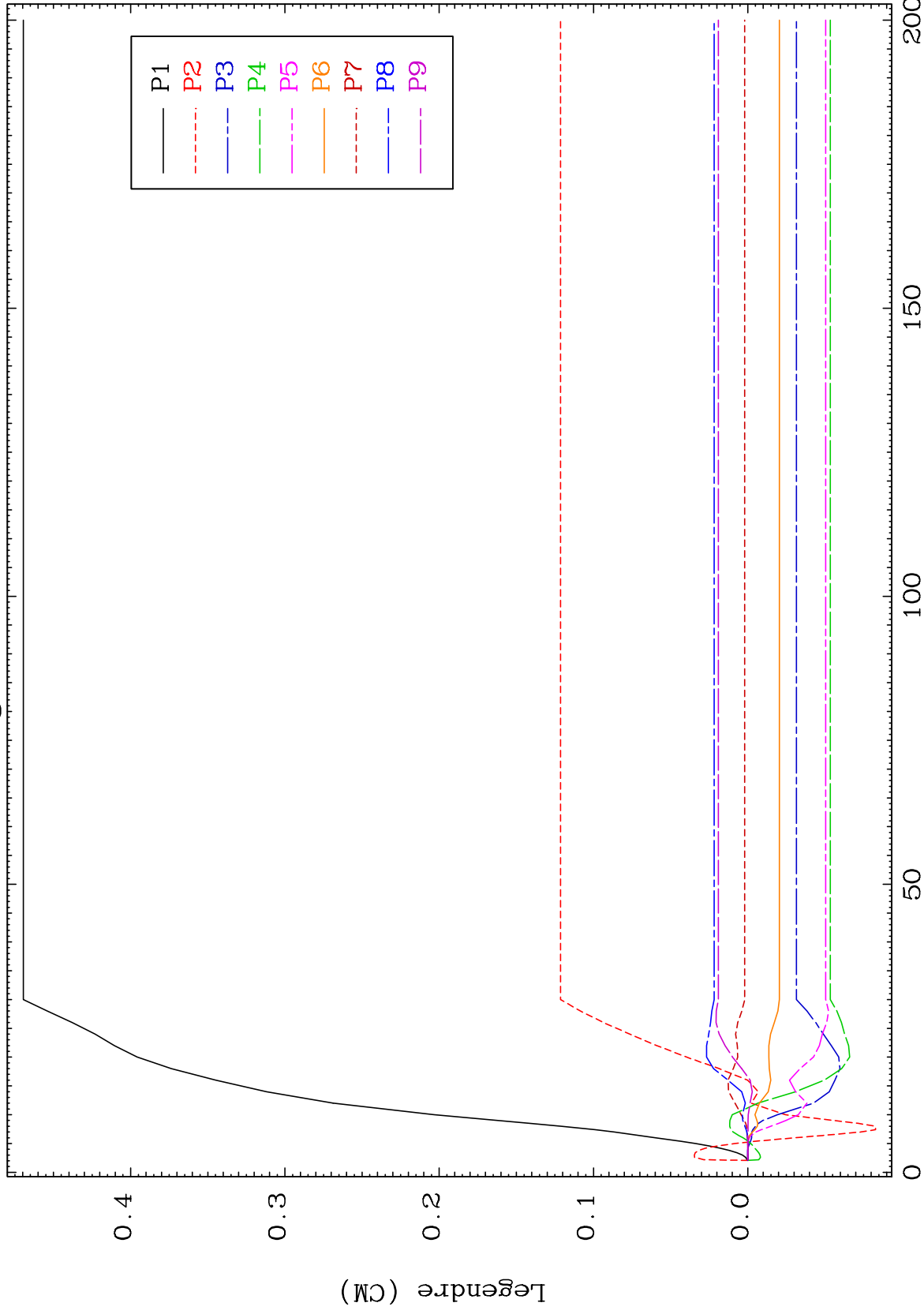
114

81-T1-205

MAT 8131

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

81-T1-205



115

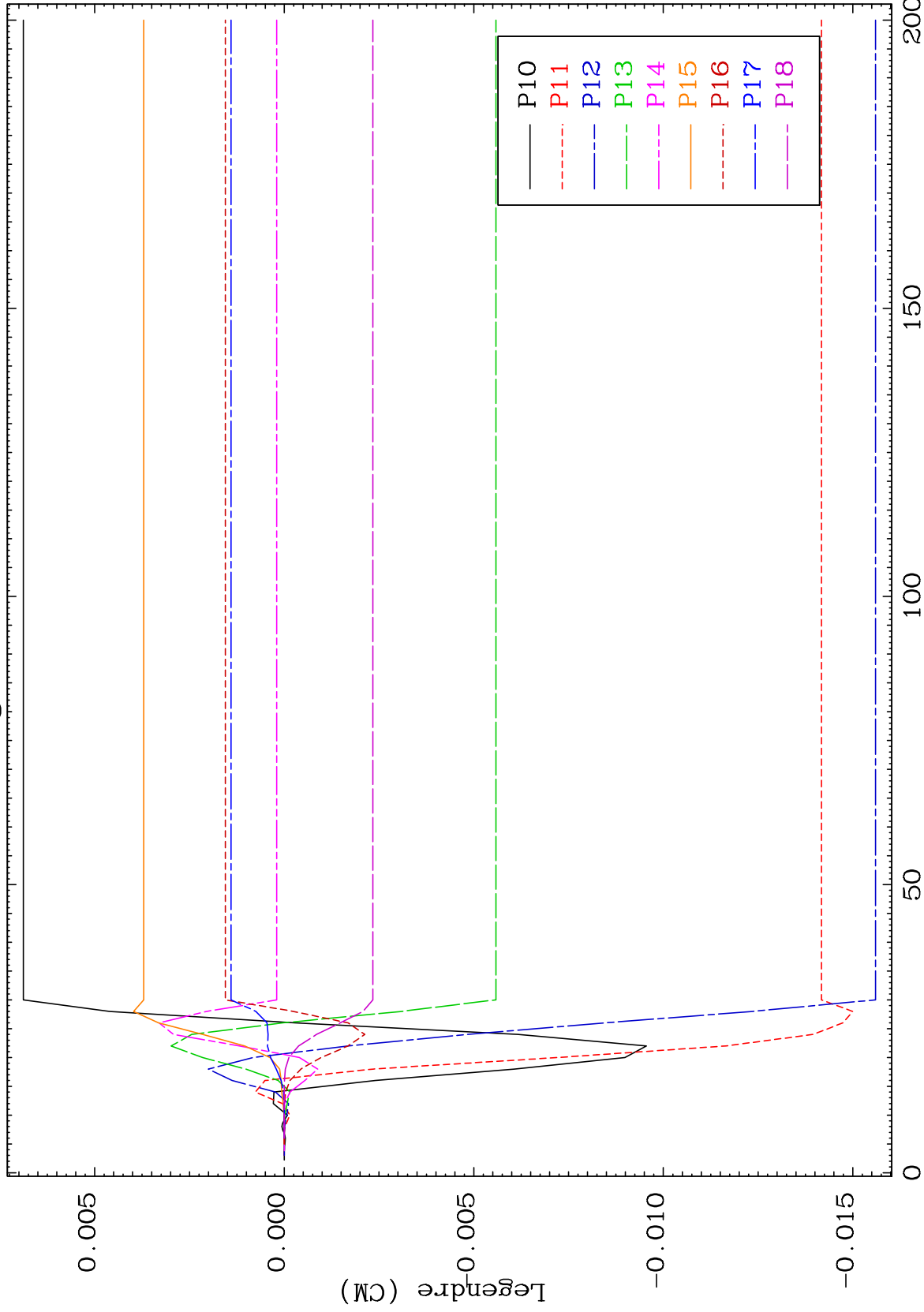
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



116

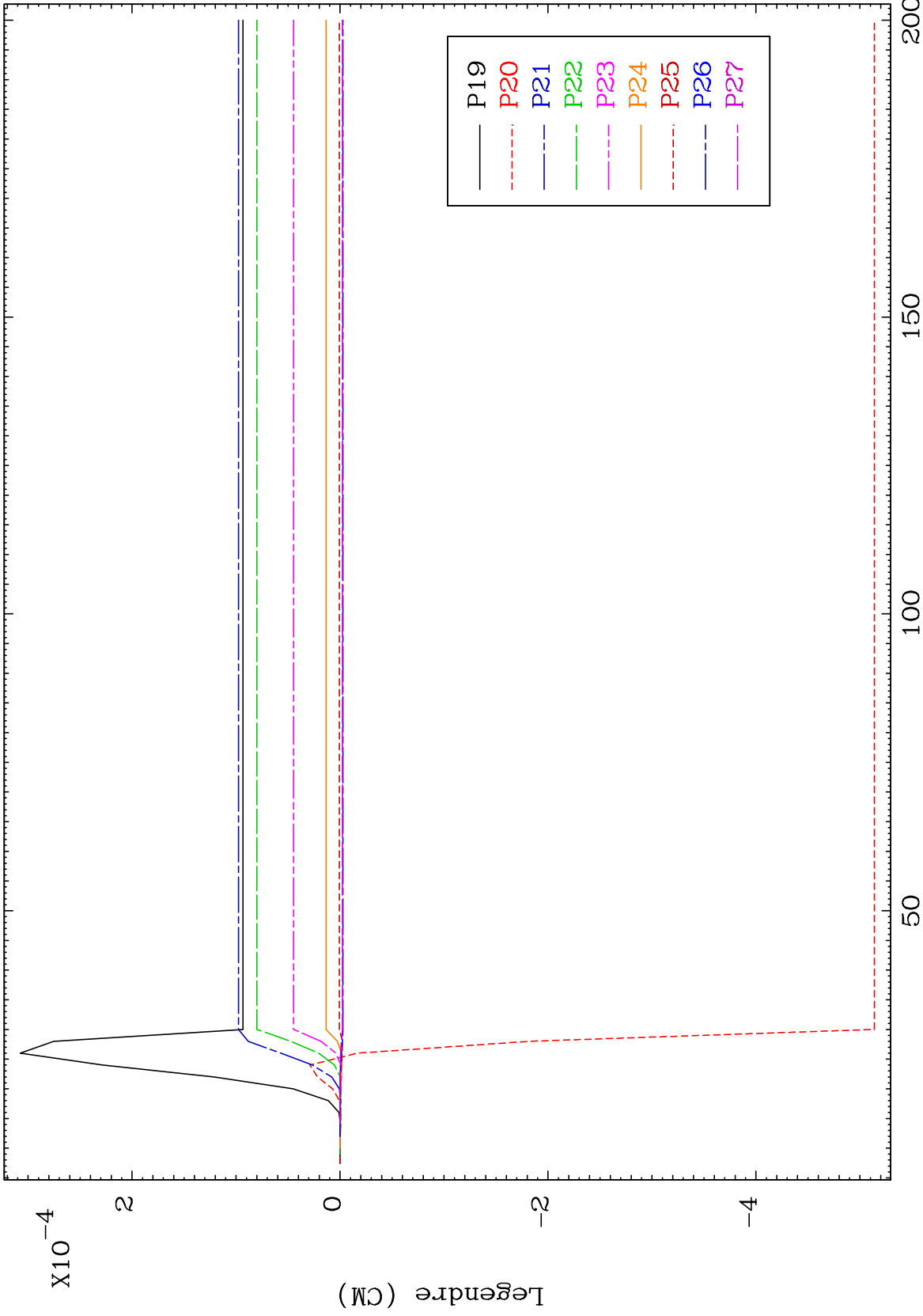
Incident Energy (MeV)

81-T1-205

MAT 8131

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

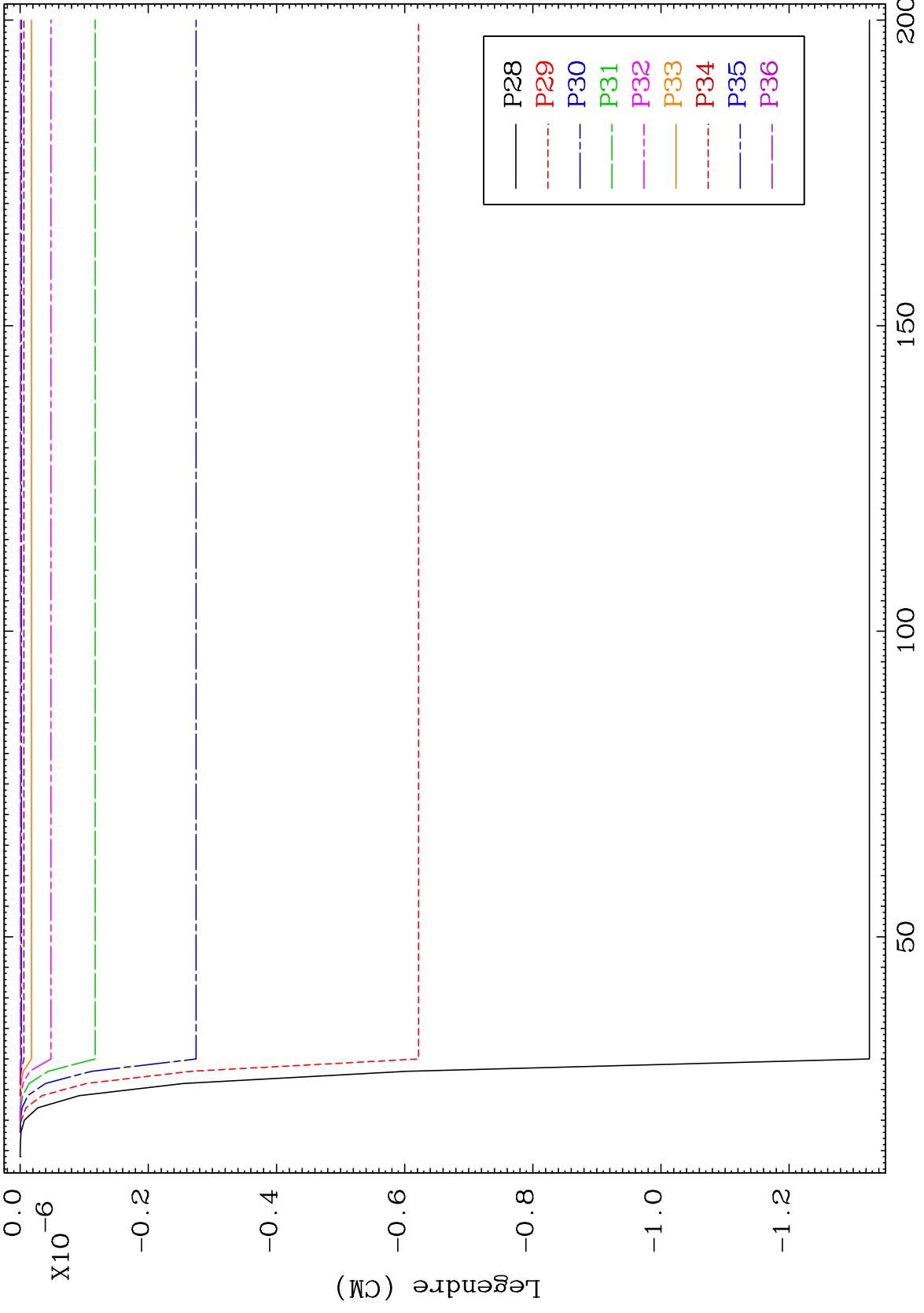
81-T1-205



117

81-T1-205

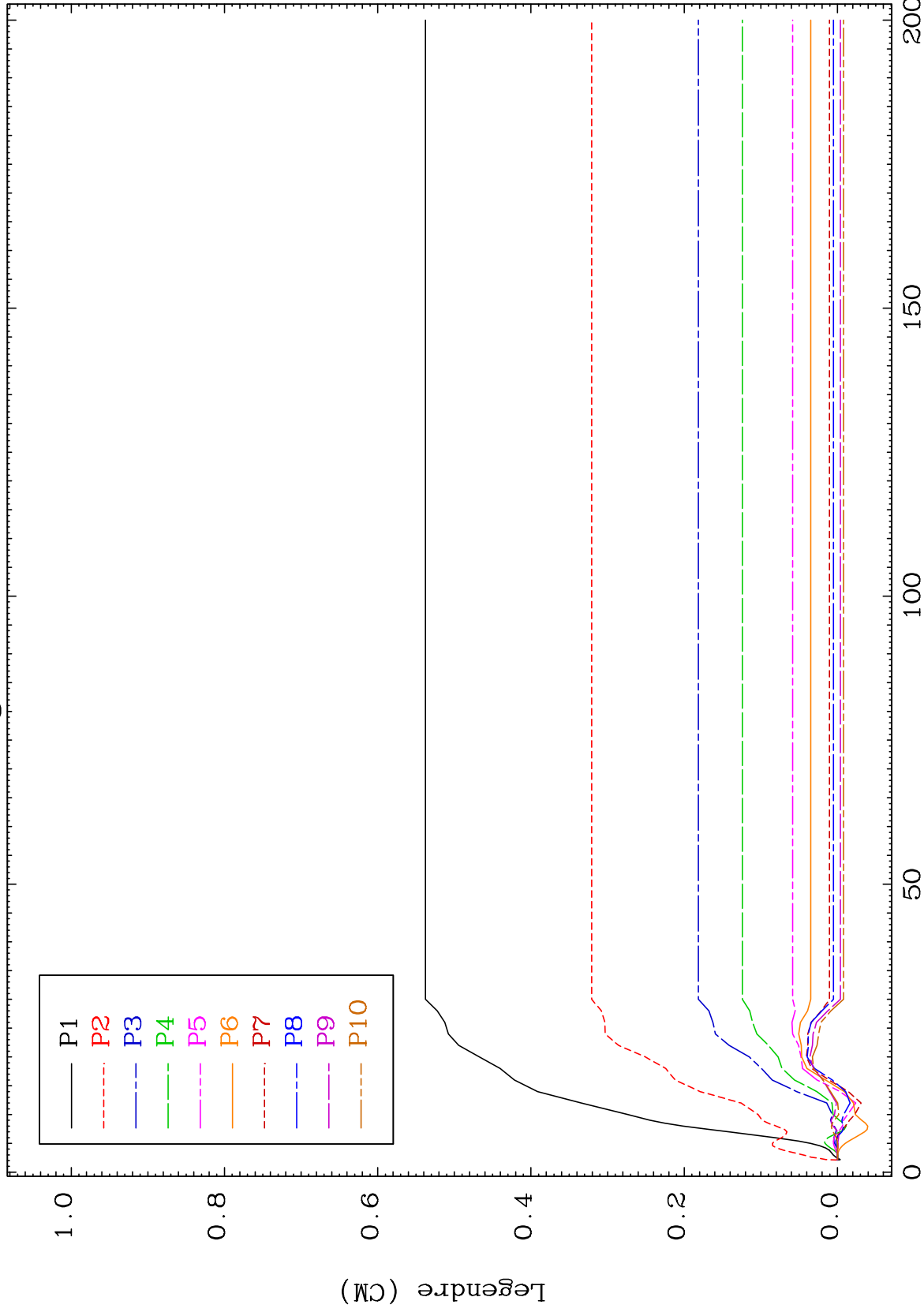
MAT 8131 MT= 78 (n,n') Level Legendre Coefficients 81-T1-205



MAT 8131

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

81-T1-205



119

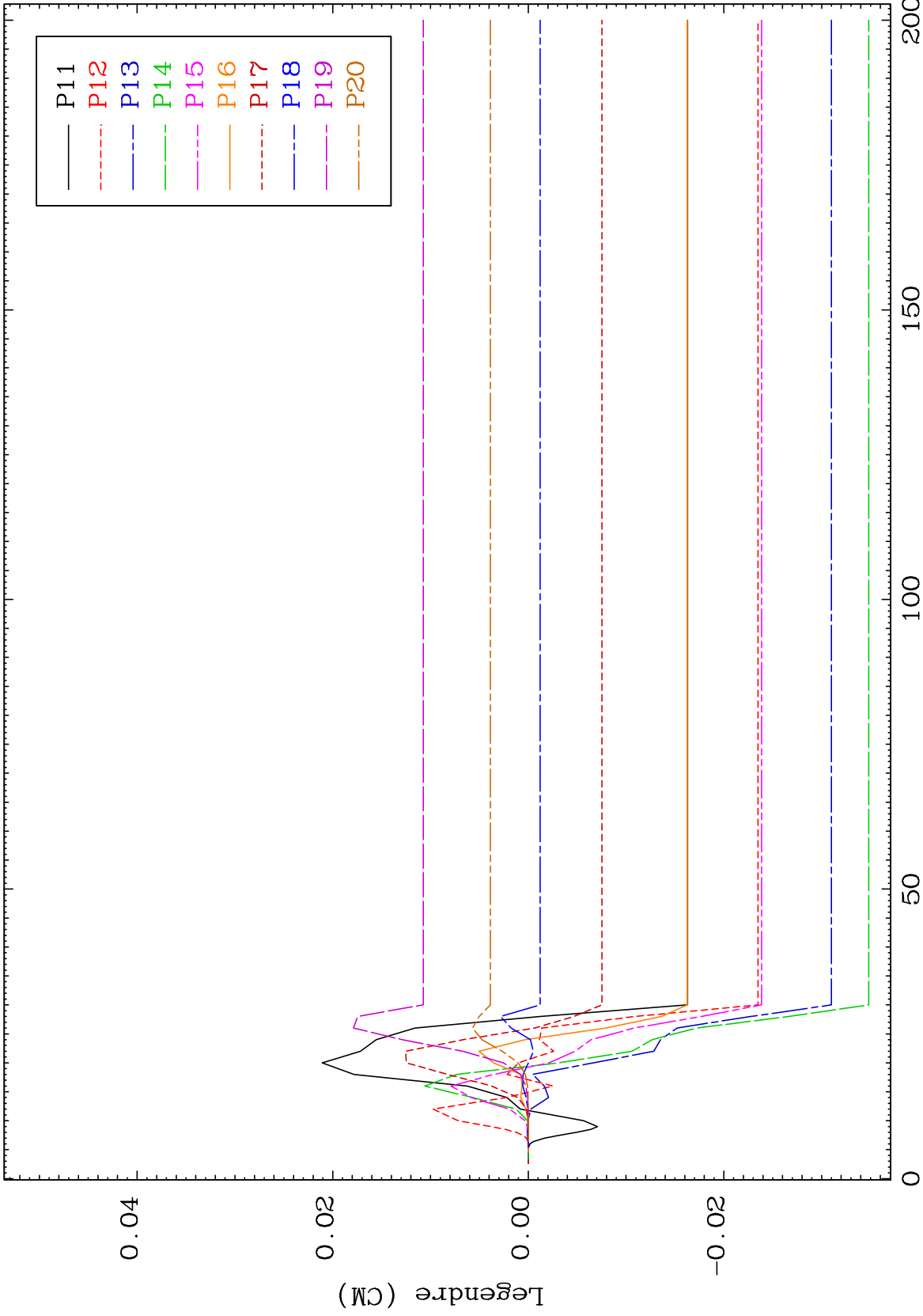
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



120

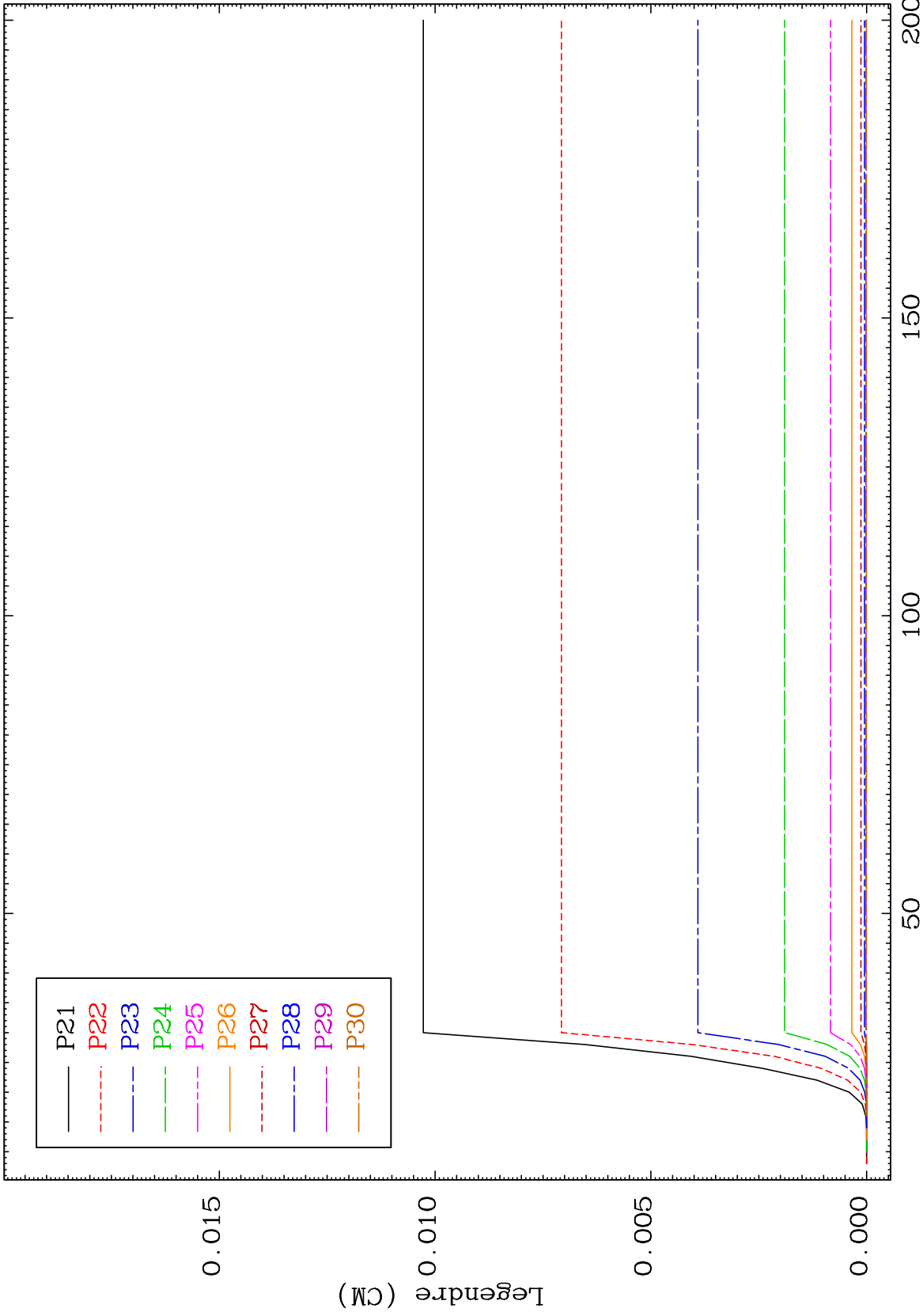
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



121

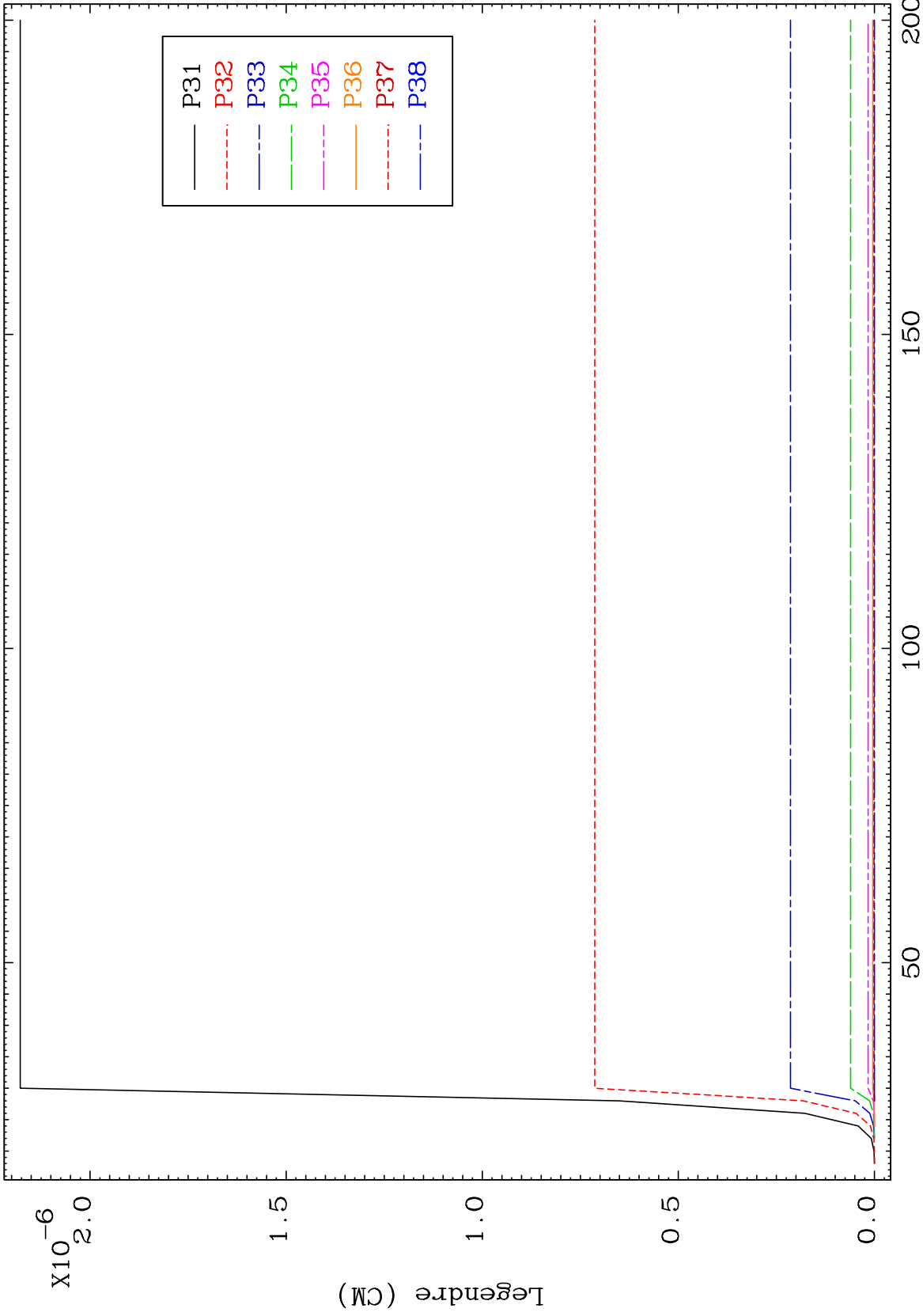
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



122

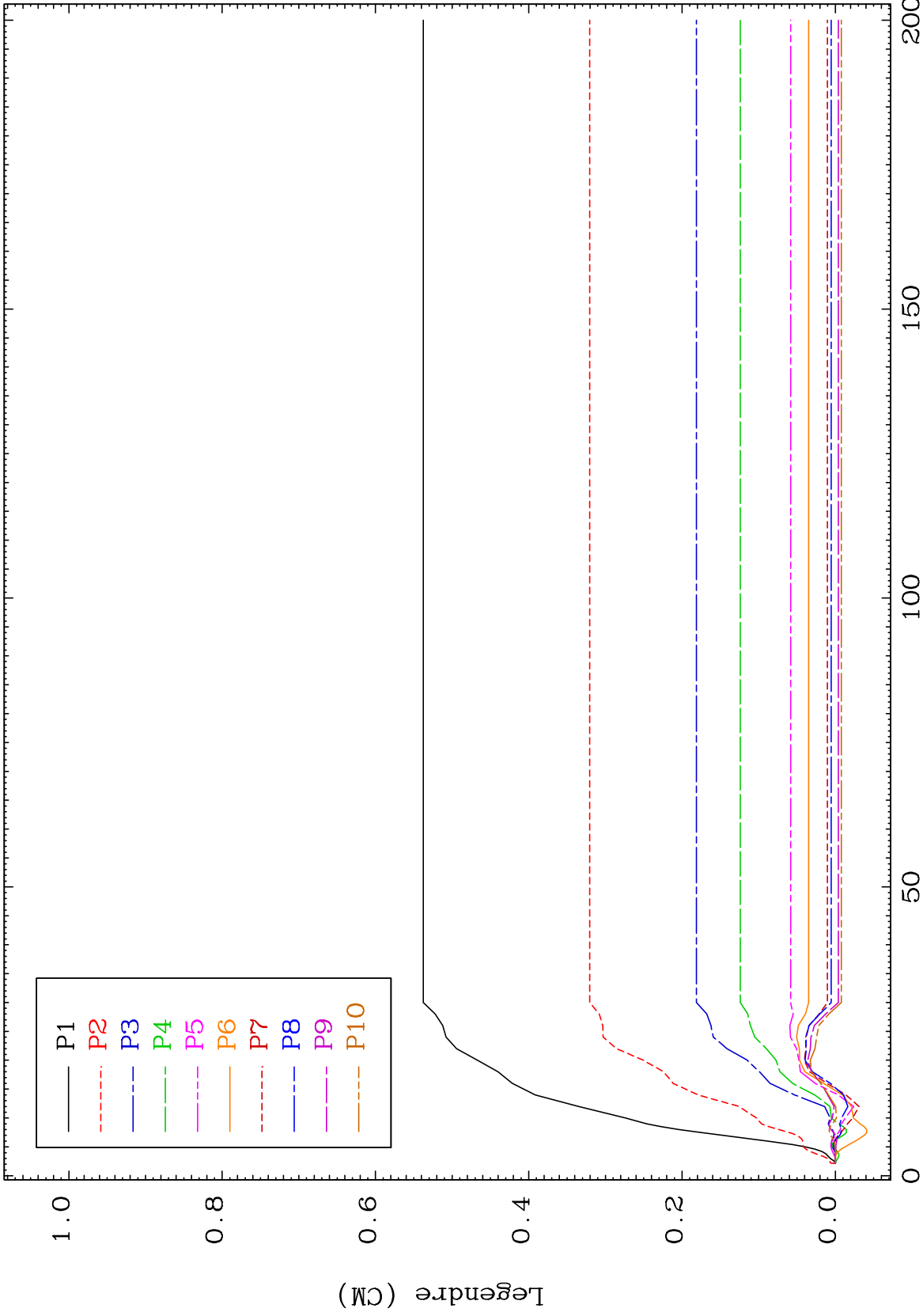
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



123

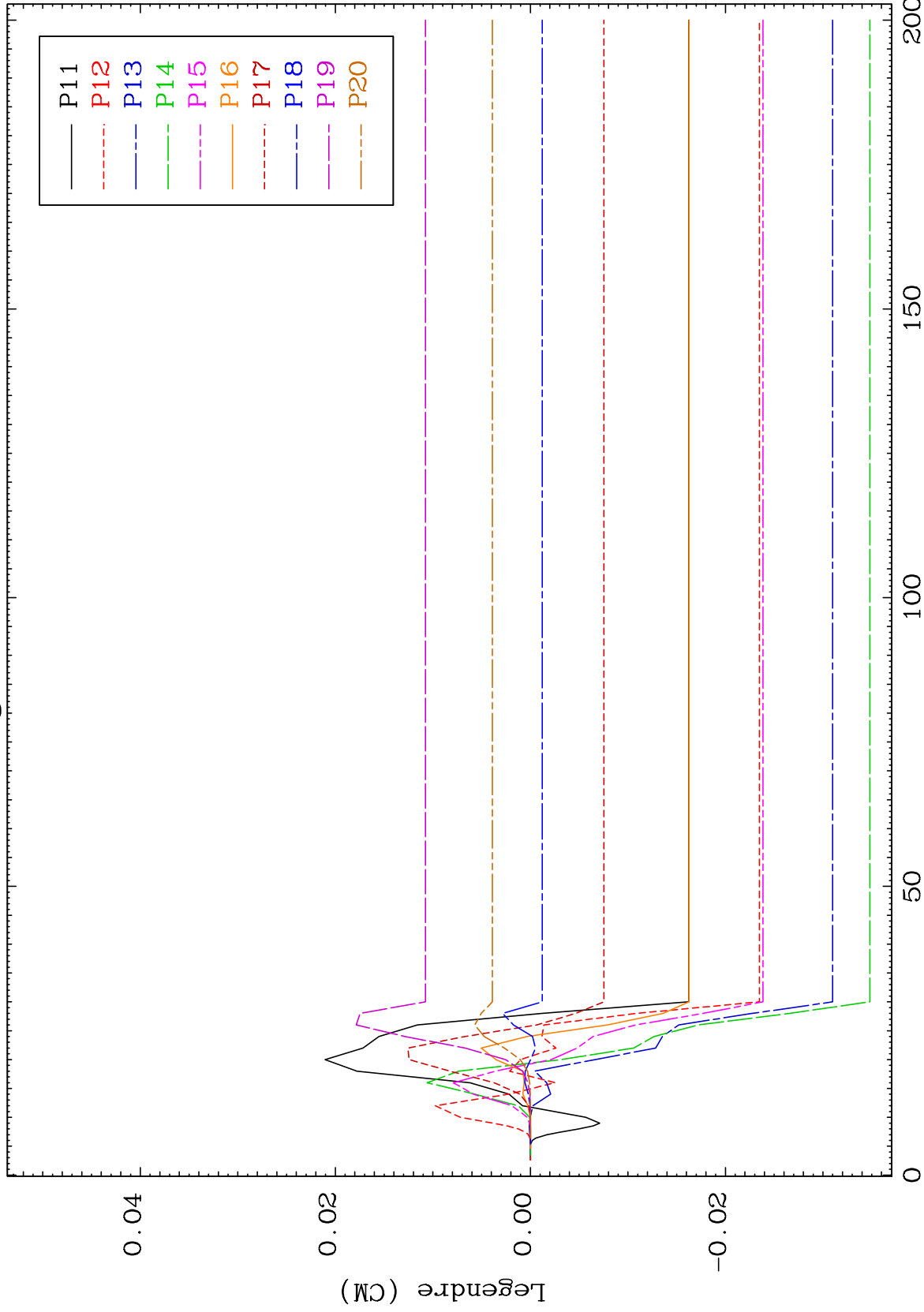
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



124

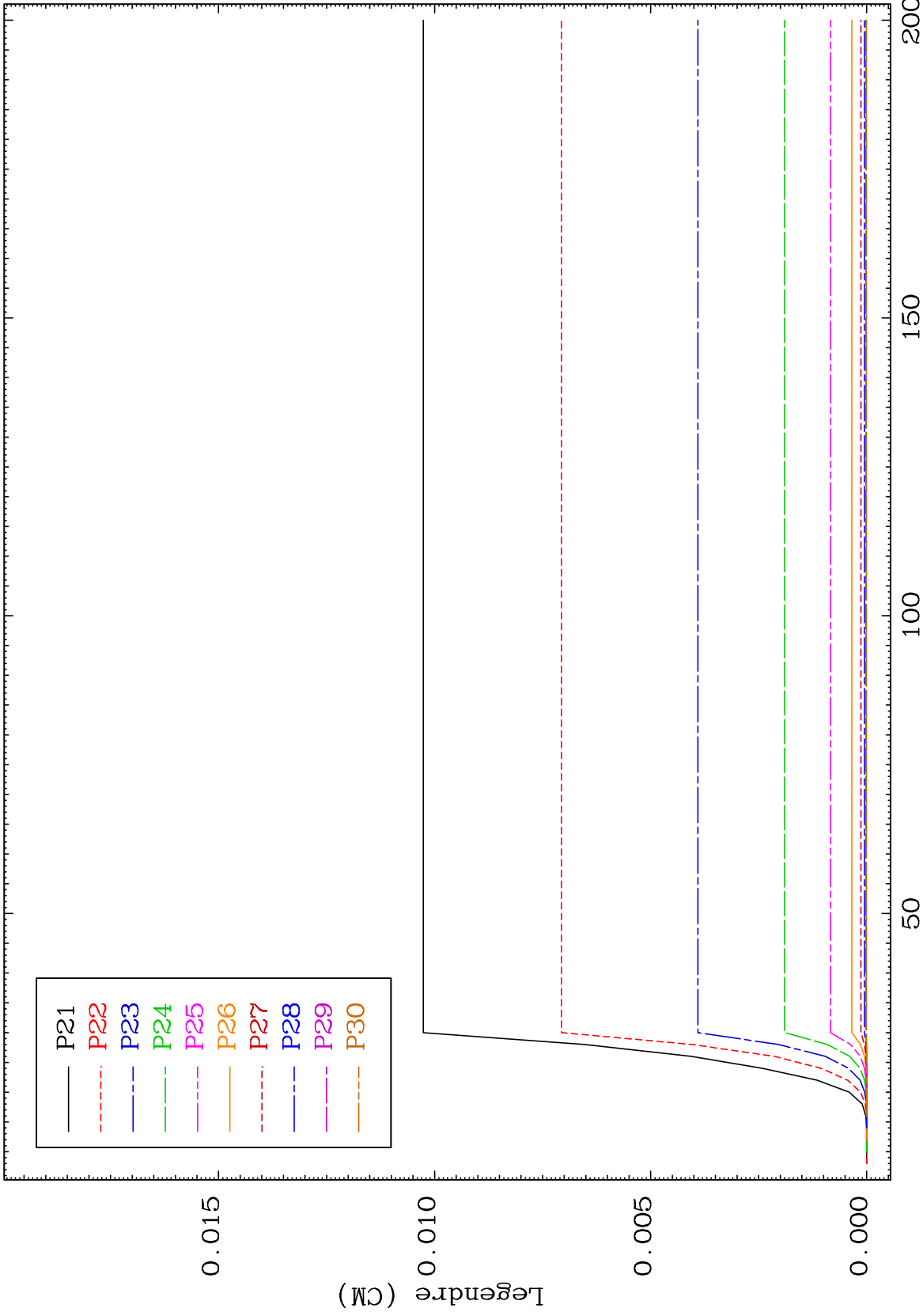
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



125

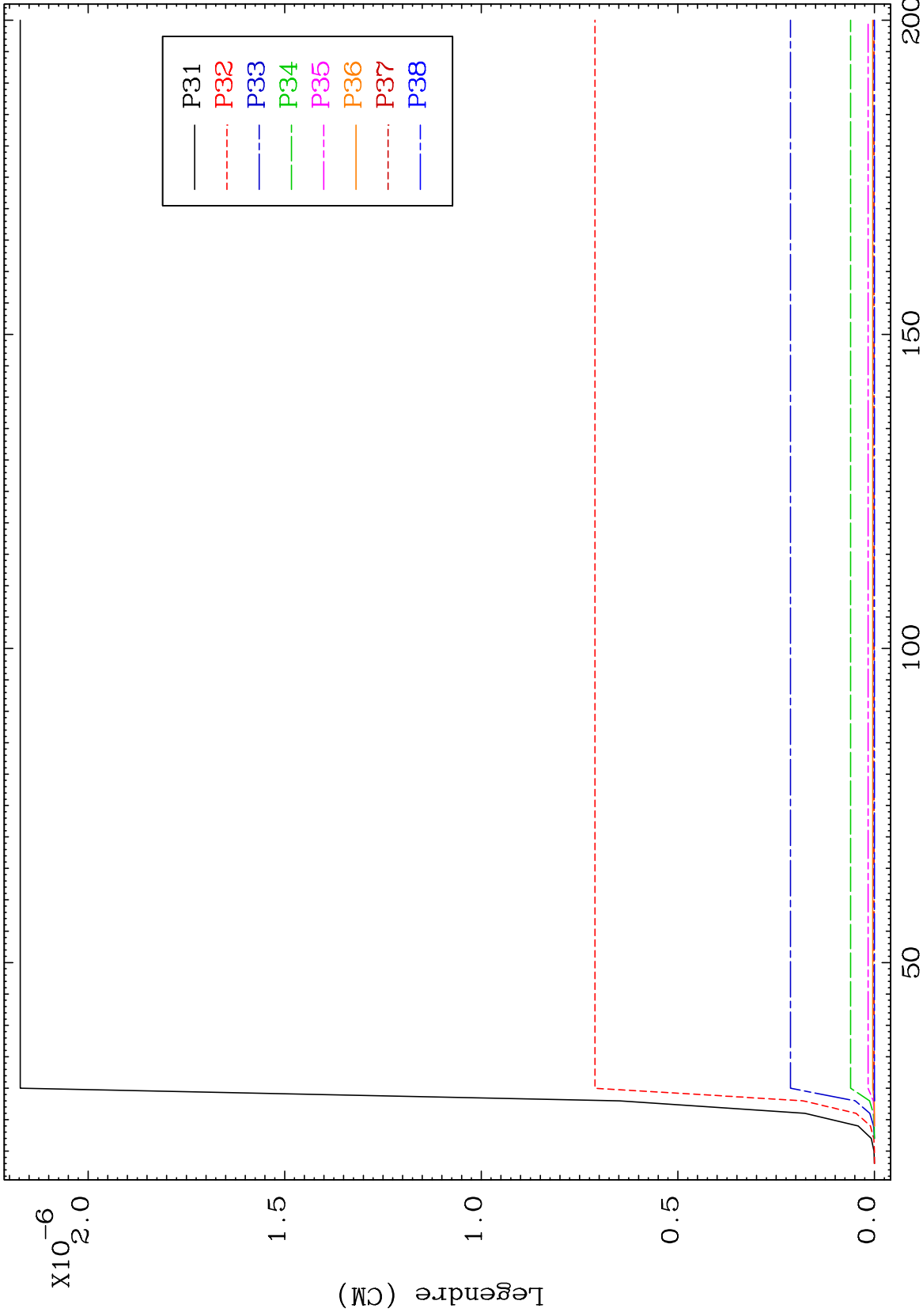
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



126

Incident Energy (MeV)

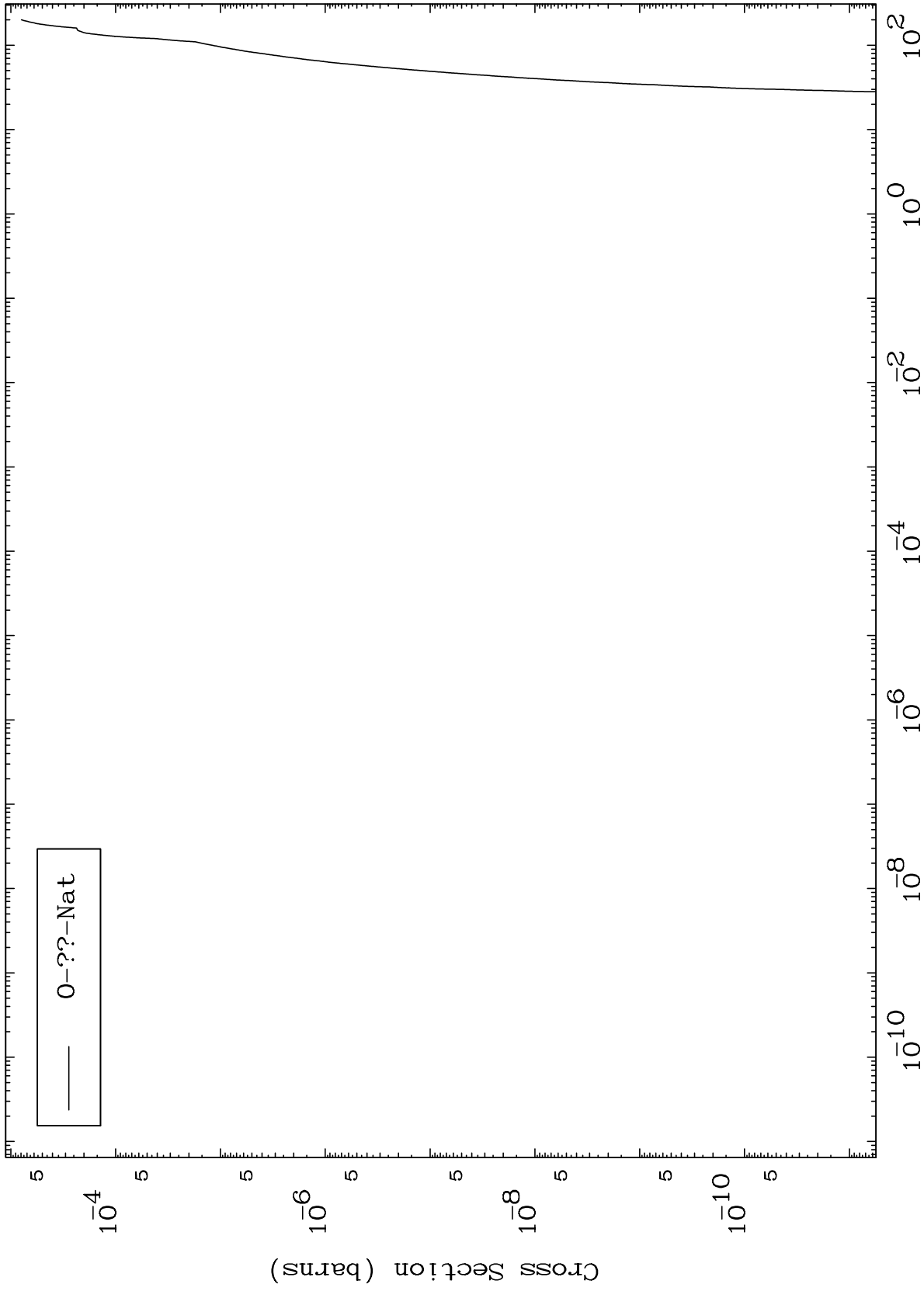
81-T1-205

MAT 8131

Fission

81-Tl-205

Radionuclide Production Cross Section



127

Incident Energy (MeV)

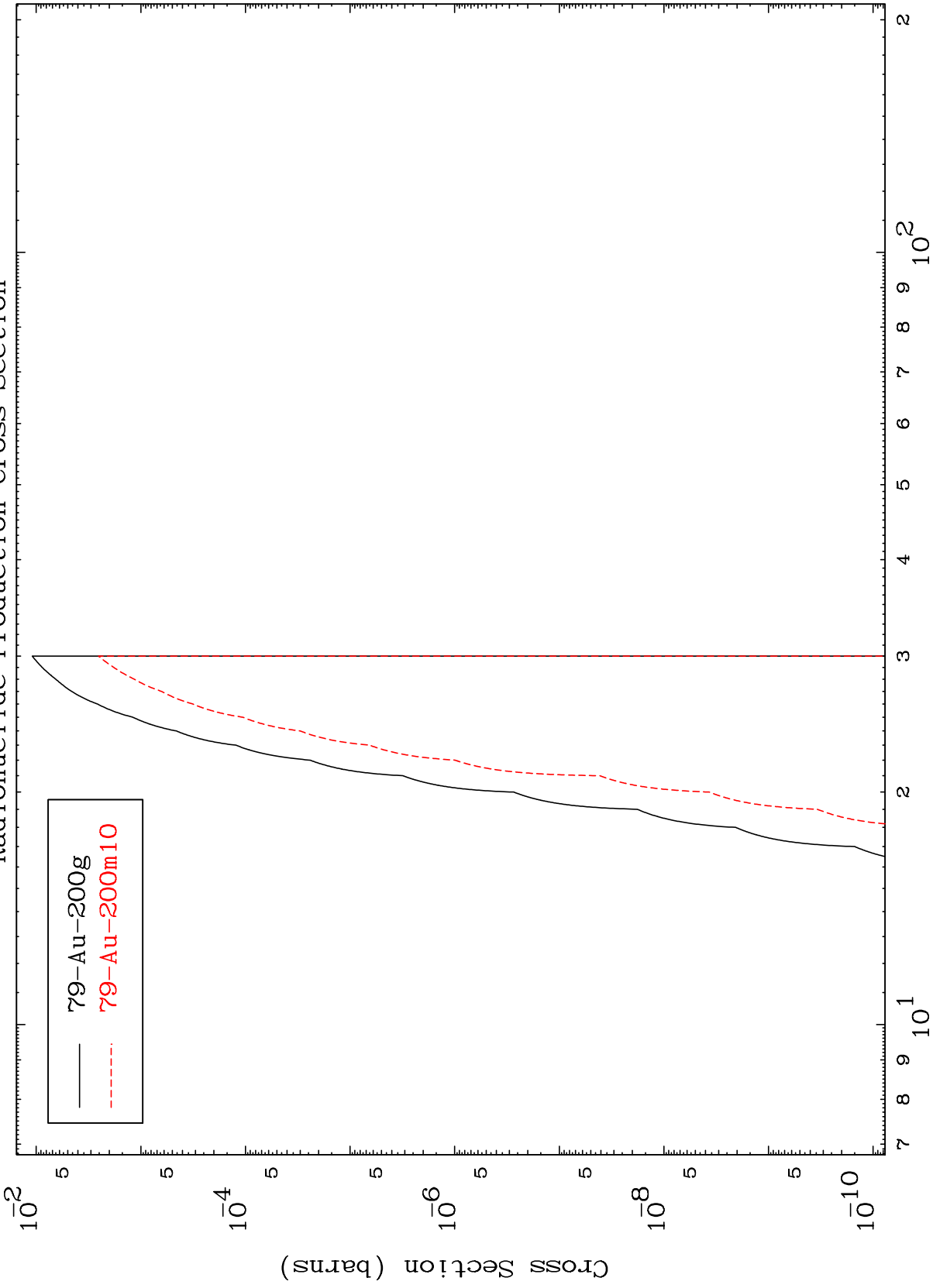
81-Tl-205

MAT 8131

(n,2n) α

81-Tl-205

Radionuclide Production Cross Section



128

Incident Energy (MeV)

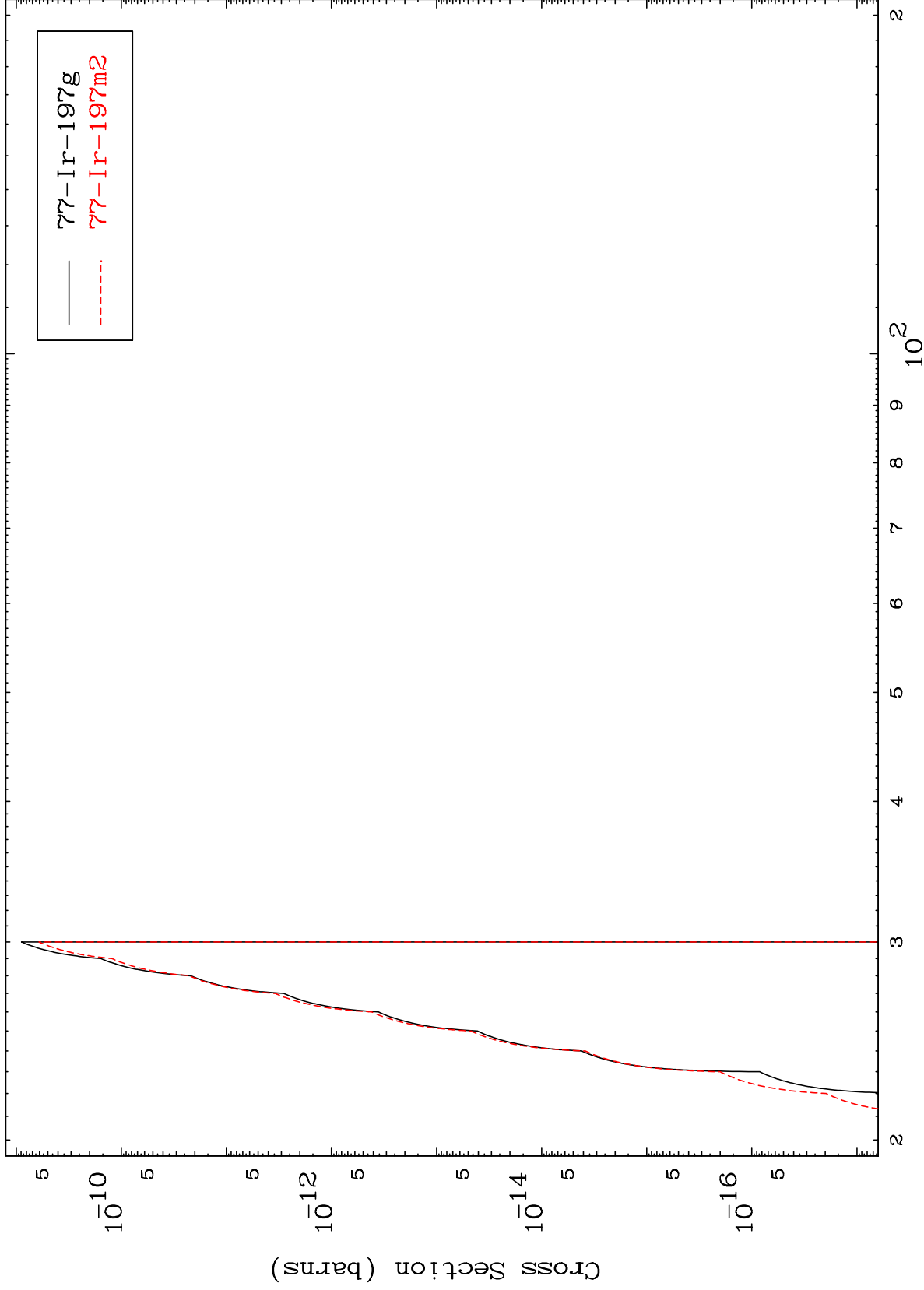
81-Tl-205

MAT 8131

(n,n') 2α

81-Tl-205

Radionuclide Production Cross Section



129

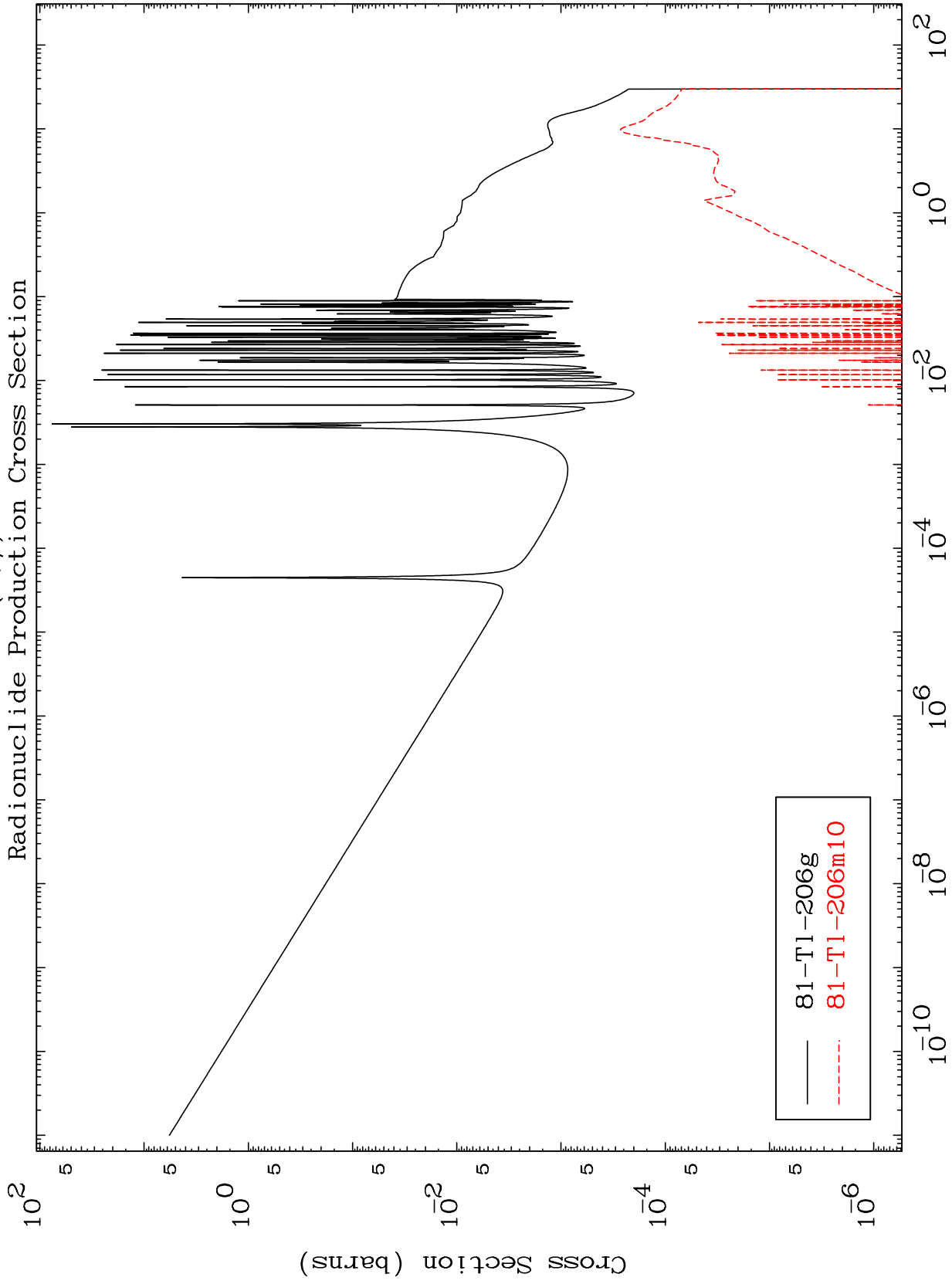
Incident Energy (MeV)

81-Tl-205

MAT 8131

81-Tl-205

Radionuclide Production Cross Section



130

Incident Energy (MeV)

81-Tl-205