

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

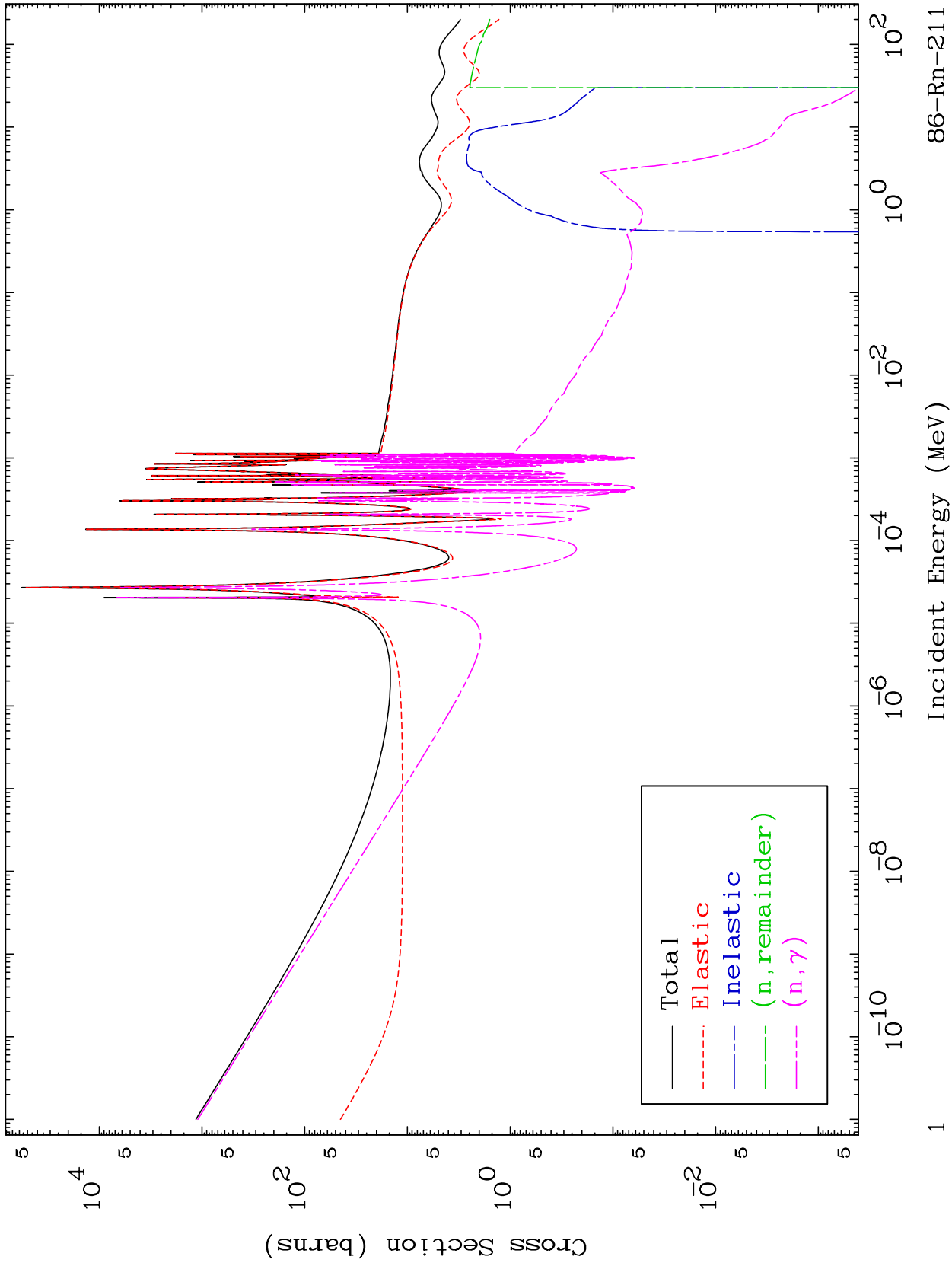
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8625

Major
293 Kelvin Cross Sections

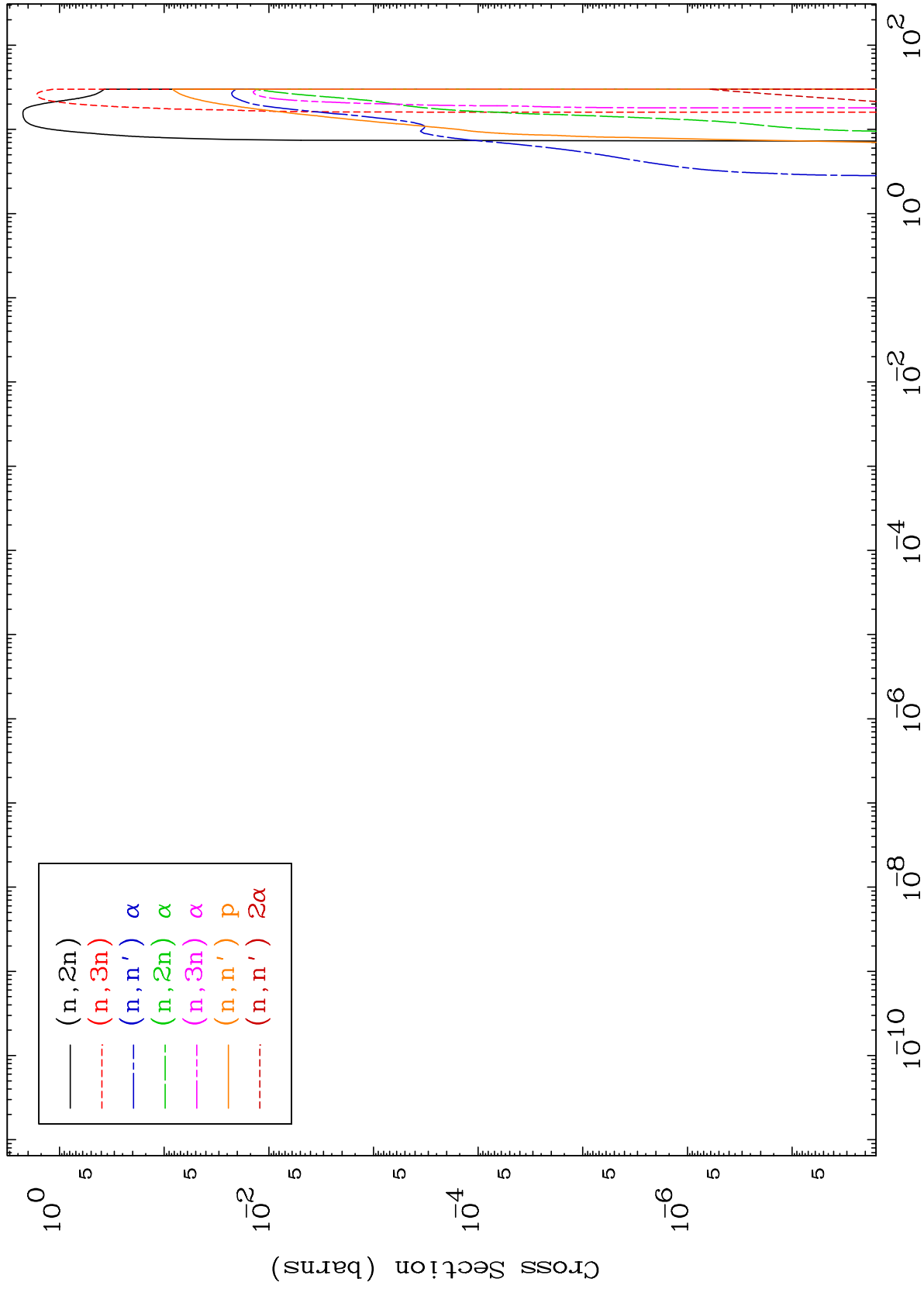
86-Rn-211



MAT 8625

Neutron Production
293 Kelvin Cross Sections

86-Rn-211

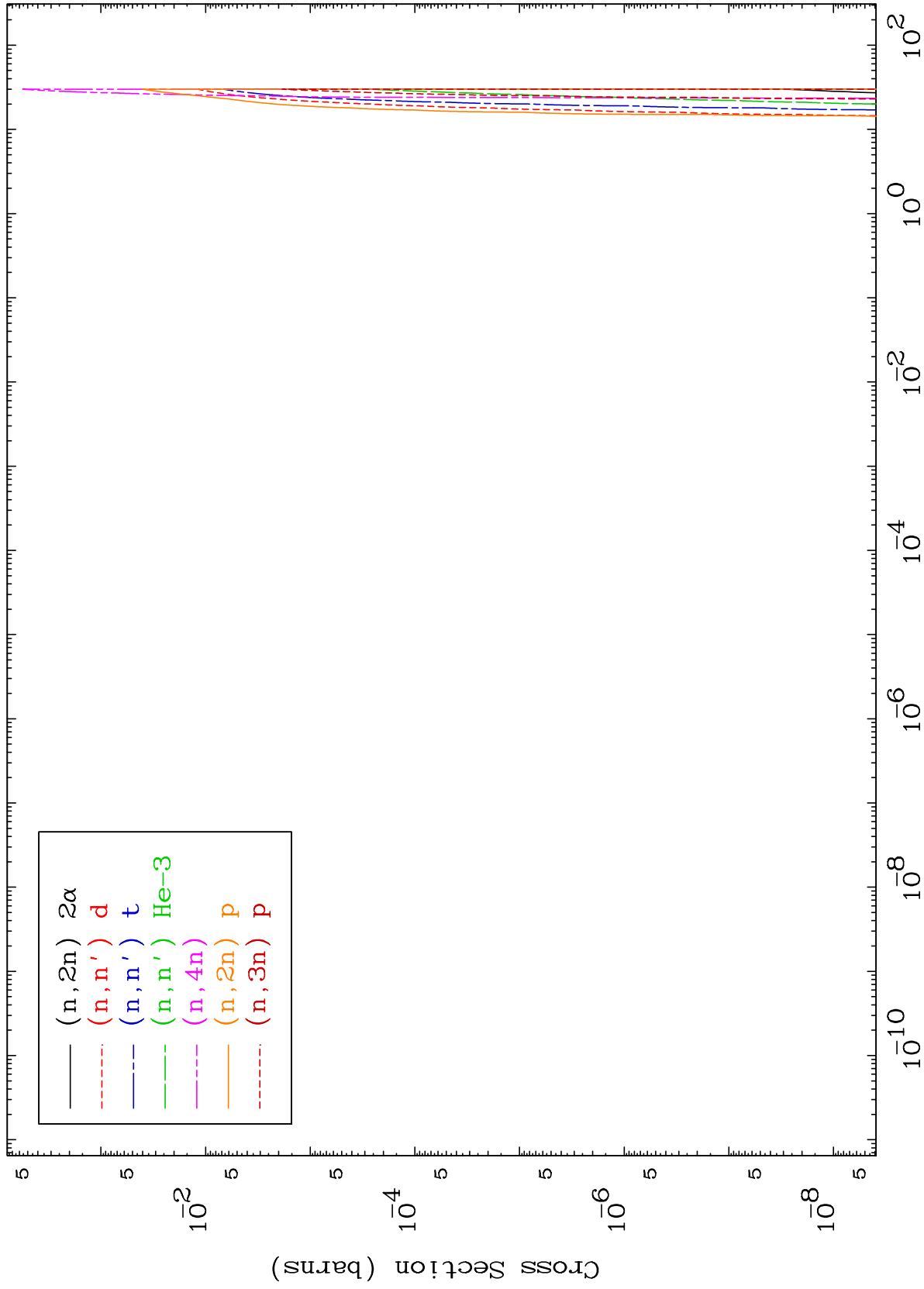


86-Rn-211

MAT 8625

Neutron Production
293 Kelvin Cross Sections

86-Rn-211



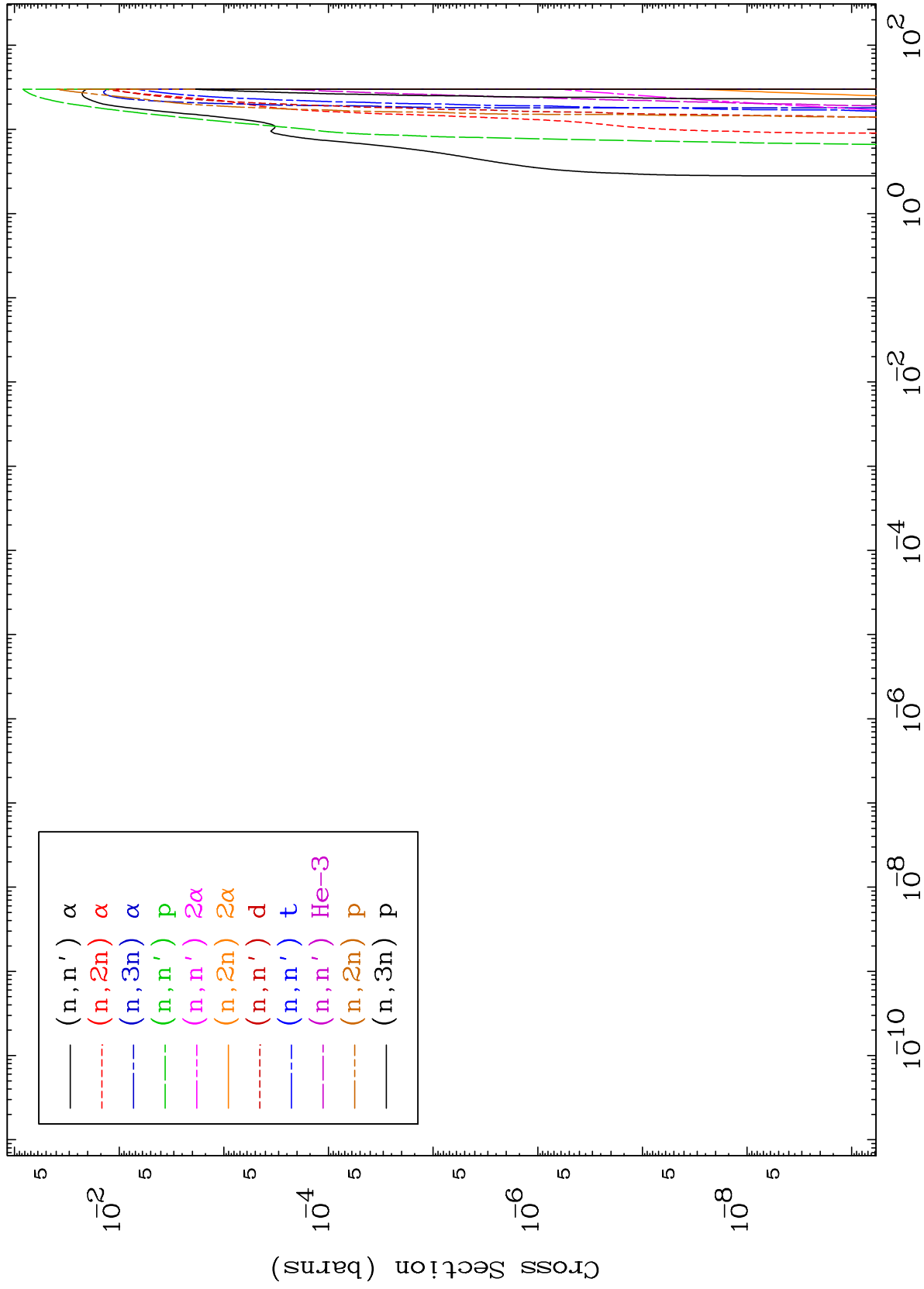
3

86-Rn-211

MAT 8625

Charged Particle
293 Kelvin Cross Sections

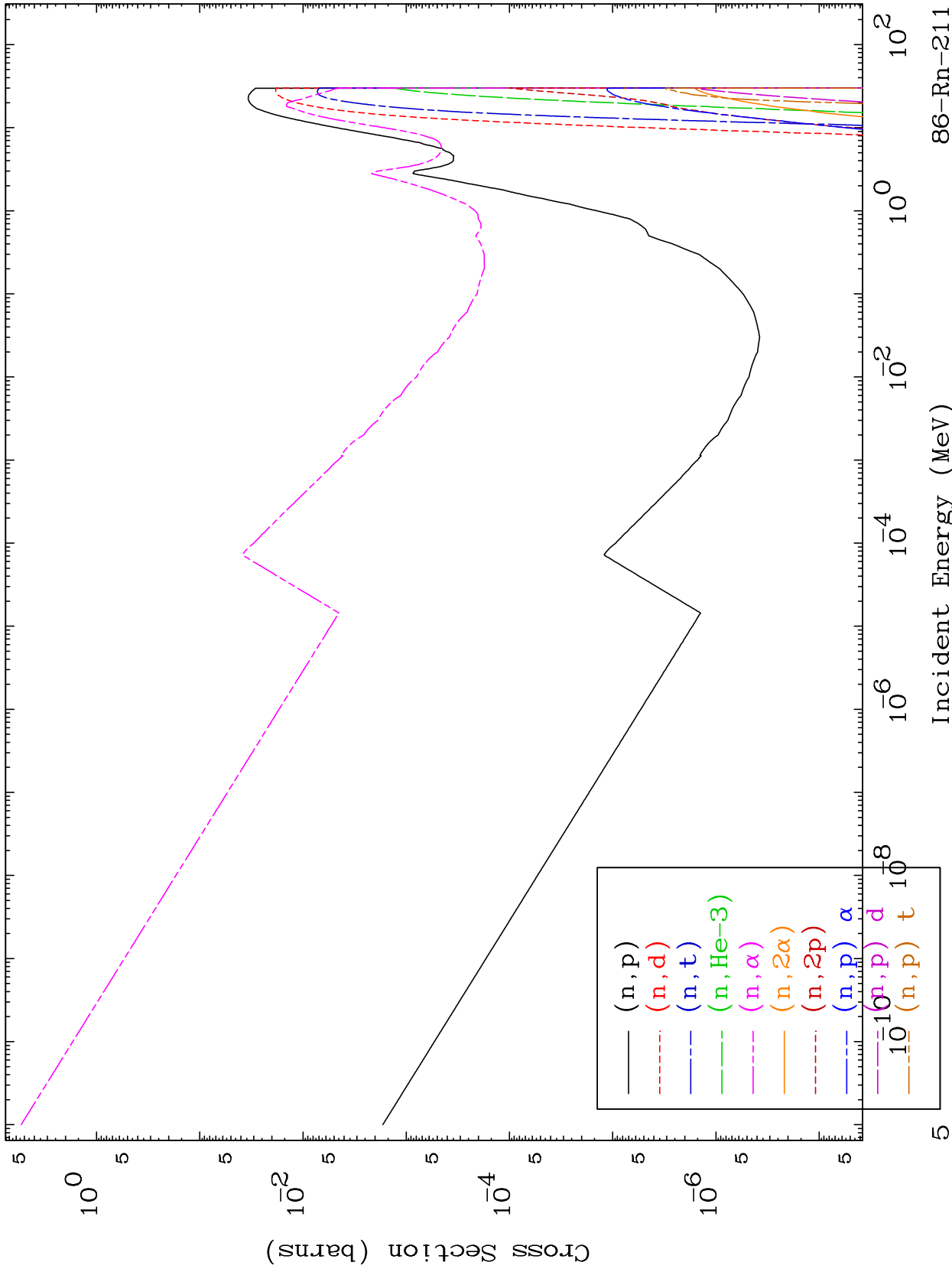
86-Rn-211



MAT 8625

293 Charged Particle
Kelvin Cross Sections

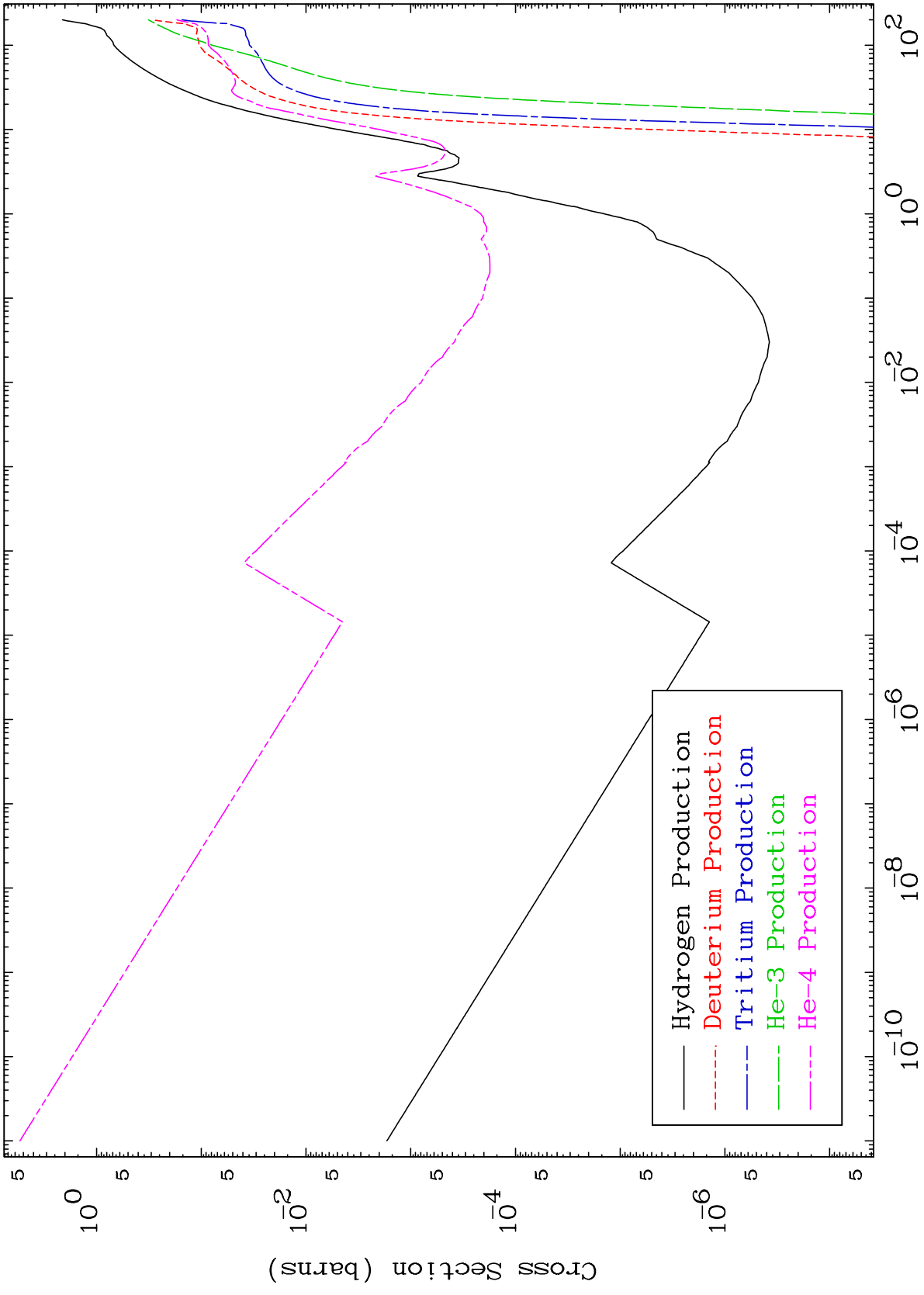
86-Rn-211



MAT 8625

Particle Production
293 Kelvin Cross Sections

86-Rn-211

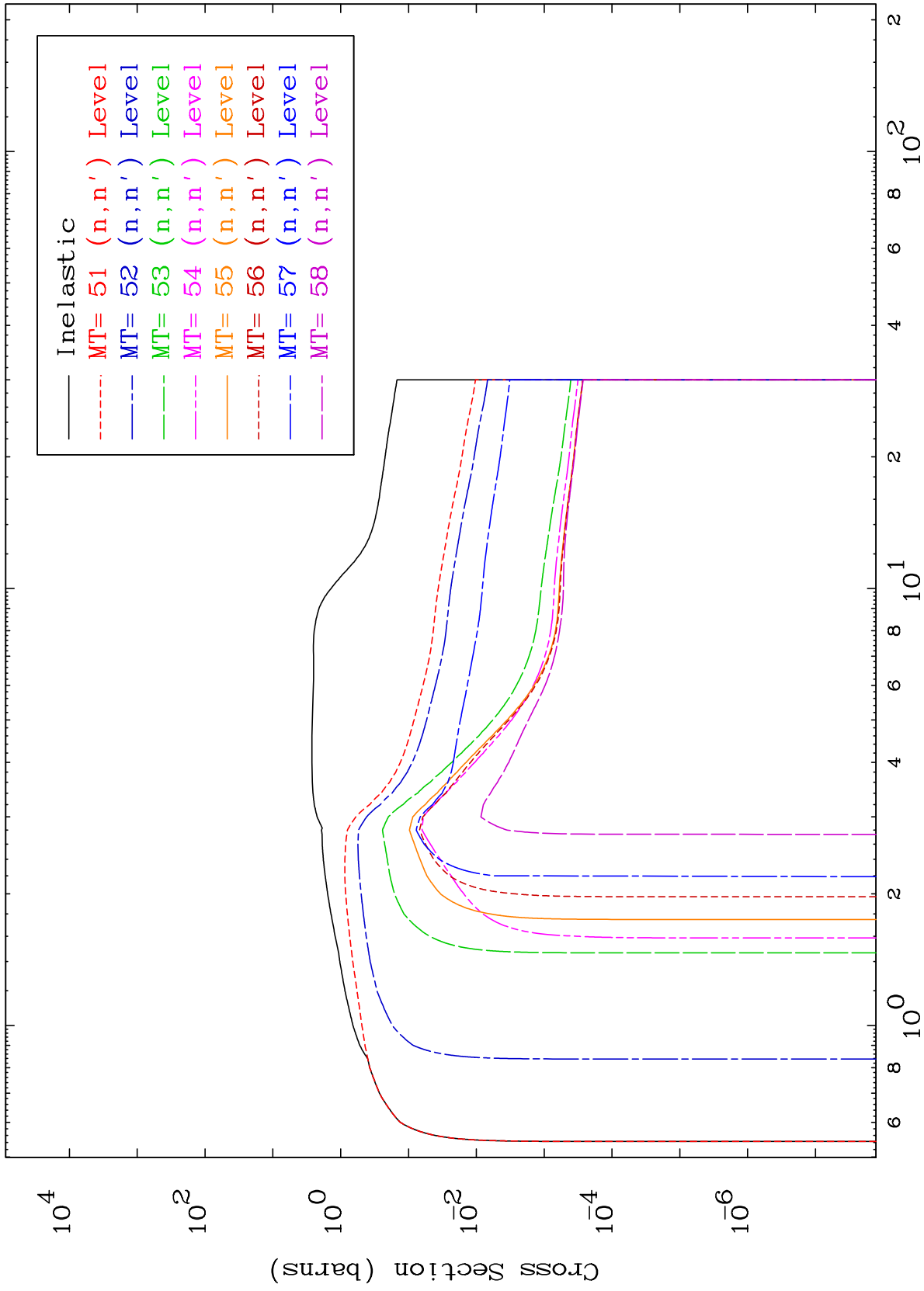


86-Rn-211

MAT 8625

(n,n') Level
293 Kelvin Cross Sections

86-Rn-211



7

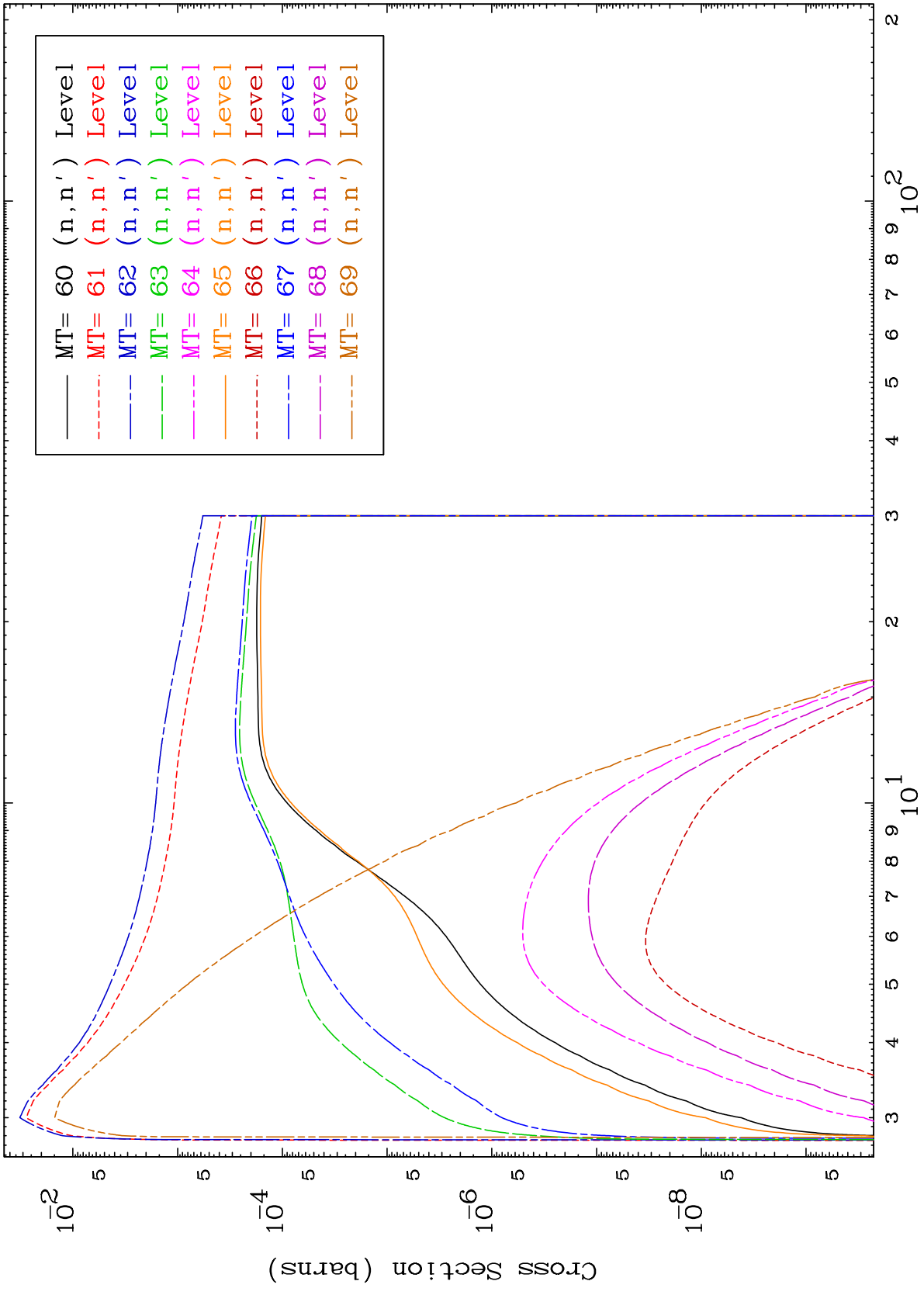
Incident Energy (MeV)

86-Rn-211

MAT 8625

(n,n') Level
293 Kelvin Cross Sections

86-Rn-211



8

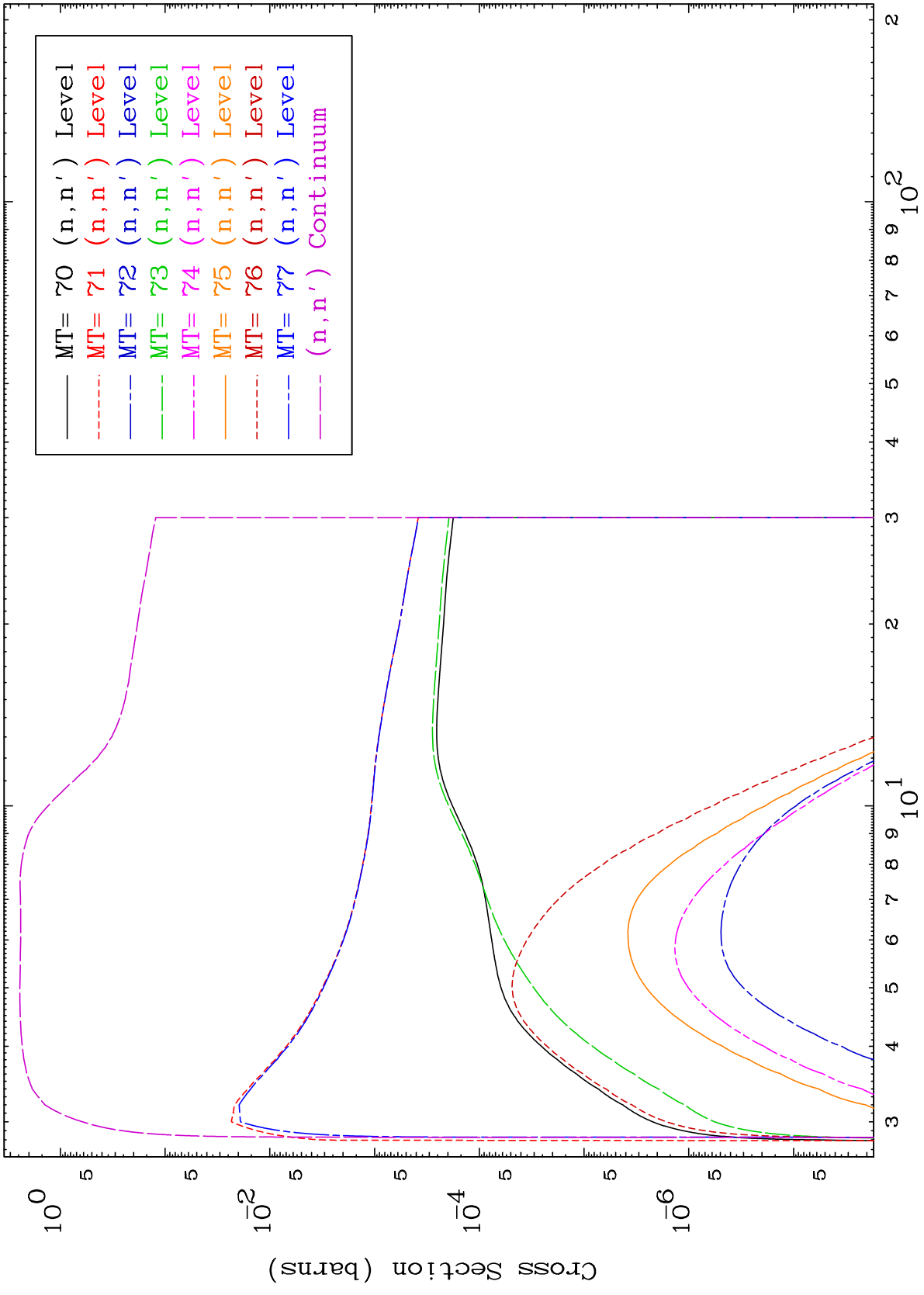
Incident Energy (MeV)

86-Rn-211

MAT 8625

(n,n') Level
293 Kelvin Cross Sections

86-Rn-211



9

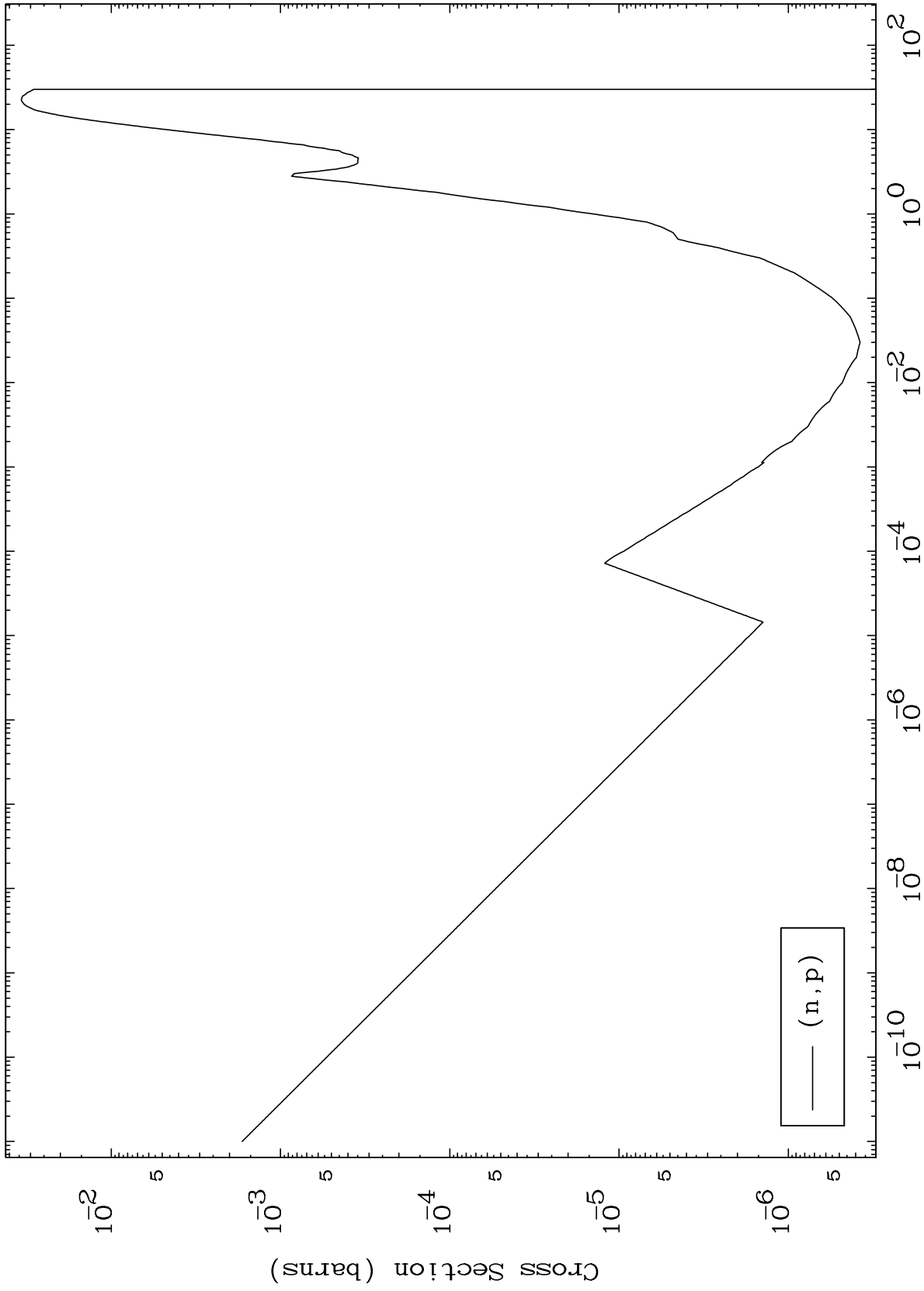
Incident Energy (MeV)

86-Rn-211

MAT 8625

(n,p) Levels
293 Kelvin Cross Sections

86-Rn-211



10

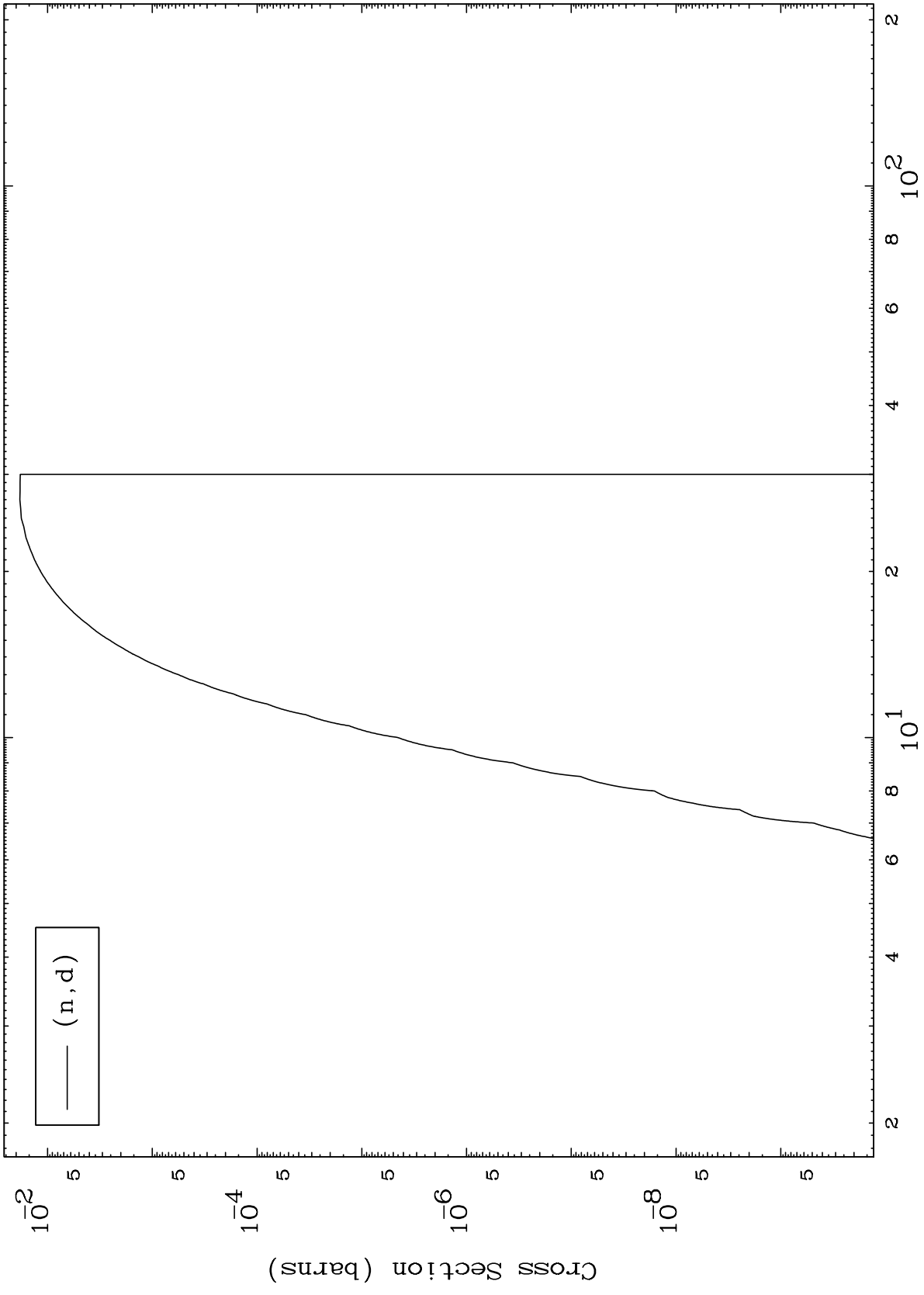
Incident Energy (MeV)

86-Rn-211

MAT 8625

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-211



11

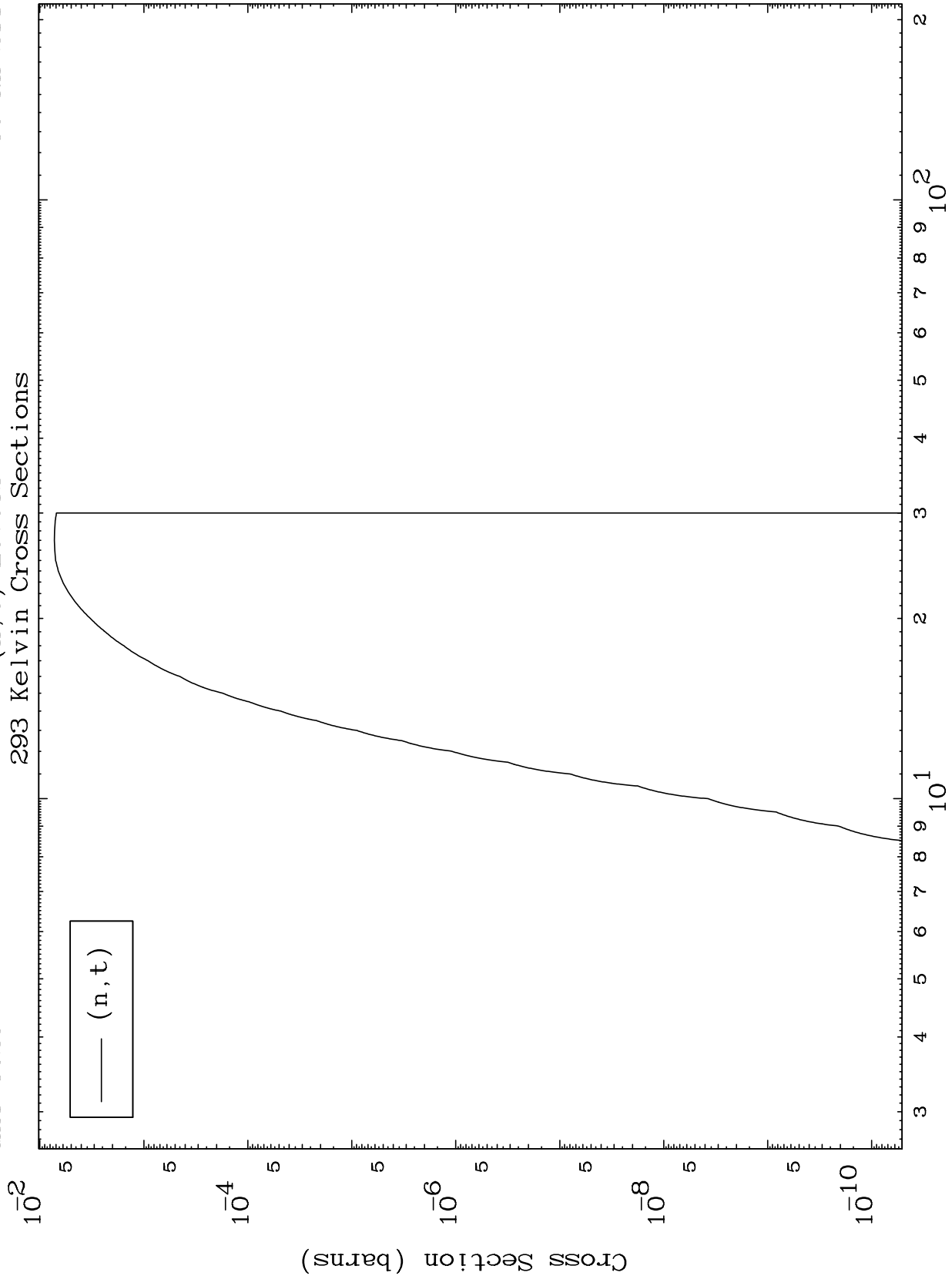
Incident Energy (MeV)

86-Rn-211

MAT 8625

86-Rn-211

(n,t) Levels
293 Kelvin Cross Sections



12

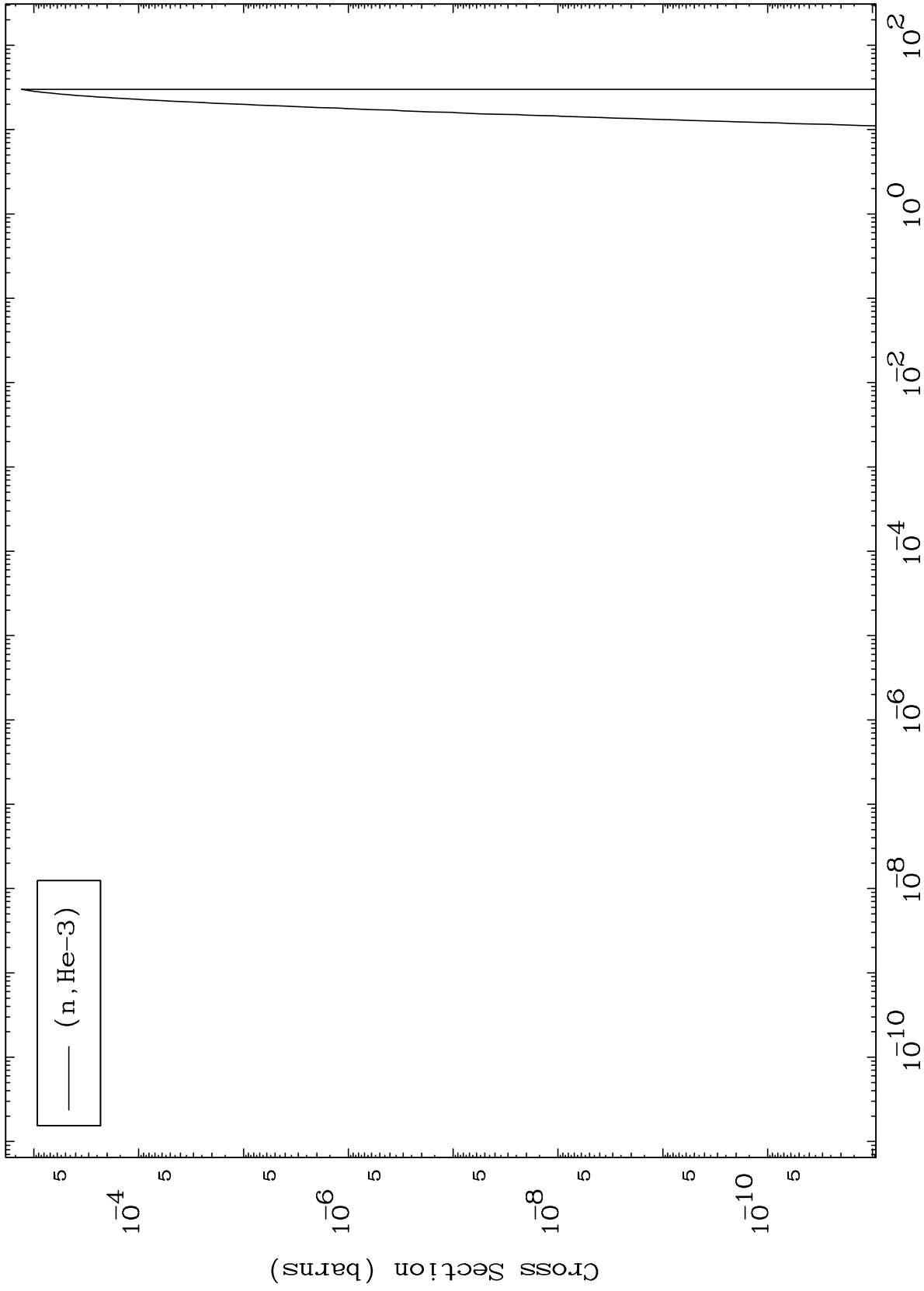
Incident Energy (MeV)

86-Rn-211

MAT 8625

(n,He3) Levels
293 Kelvin Cross Sections

86-Rn-211



13

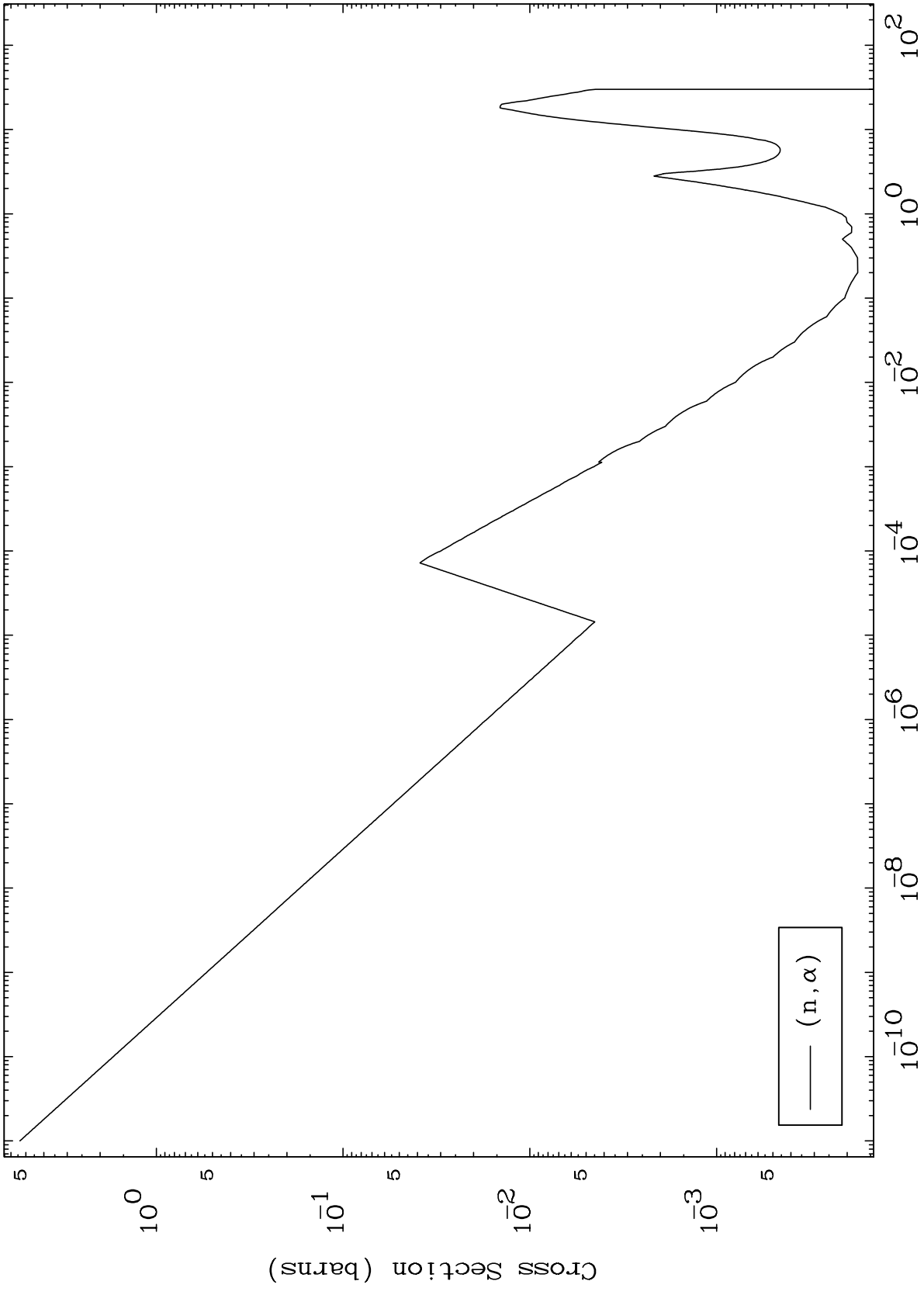
Incident Energy (MeV)

86-Rn-211

MAT 8625

(n,α) Levels
293 Kelvin Cross Sections

86-Rn-211

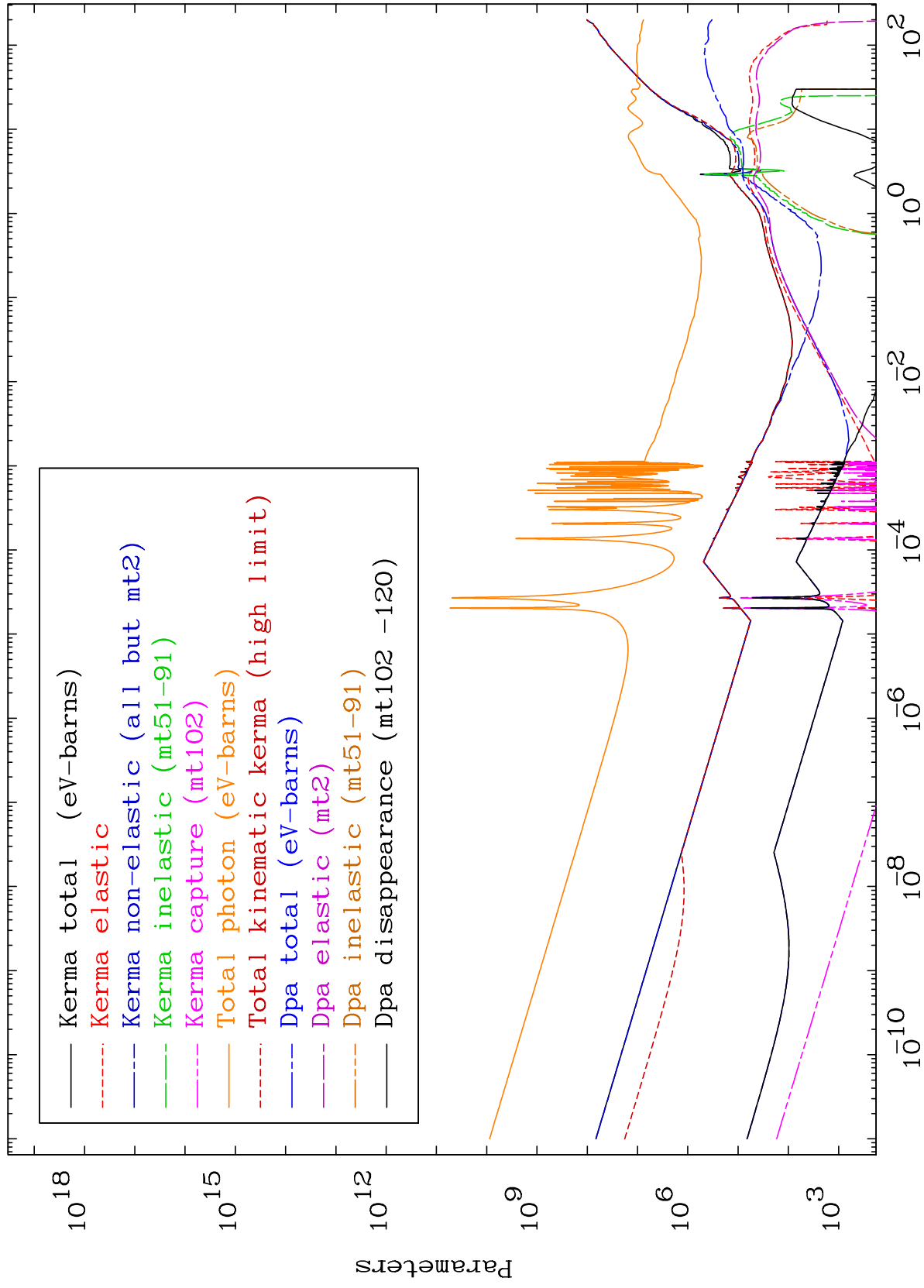


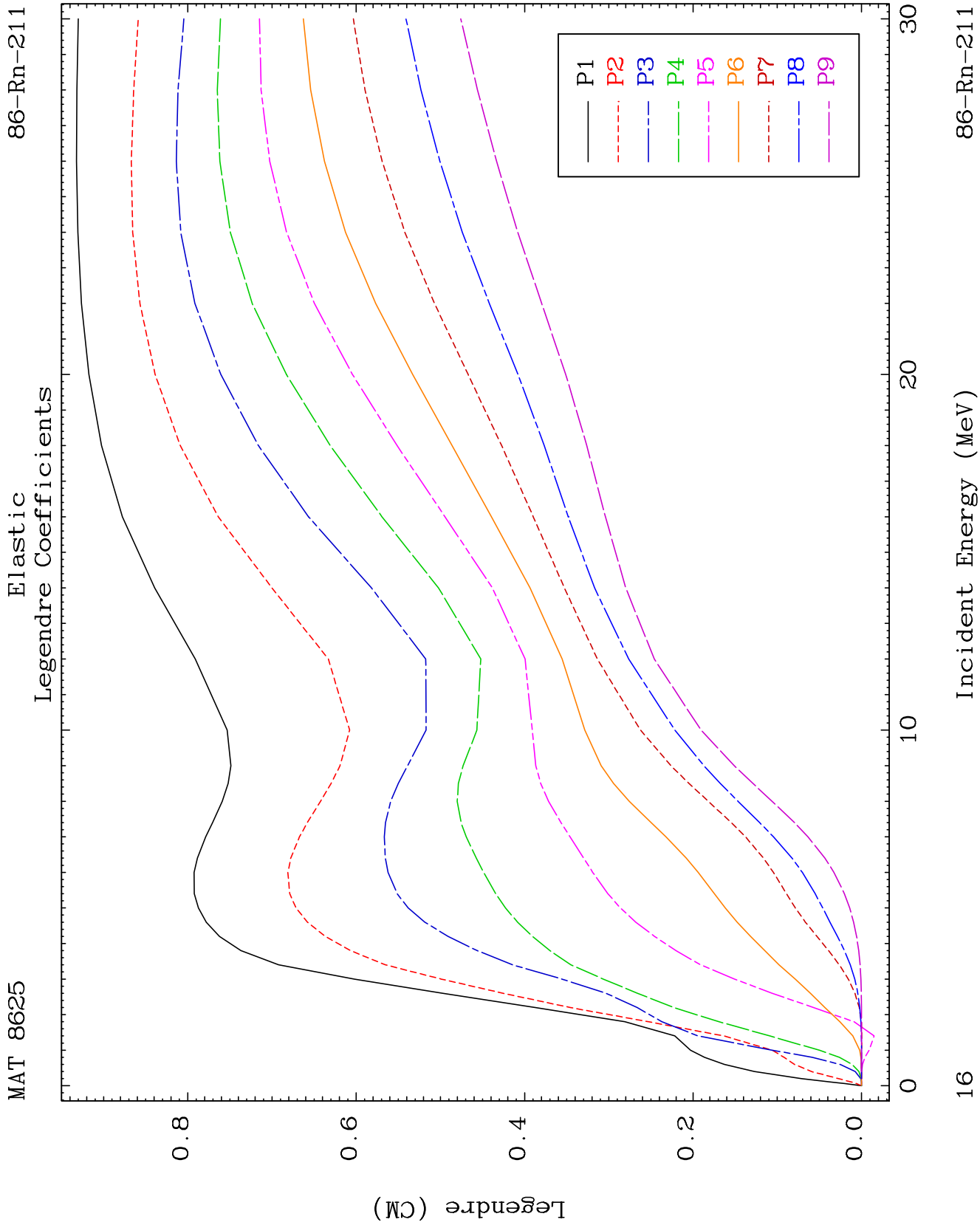
14

Incident Energy (MeV)

86-Rn-211

— (n,α)

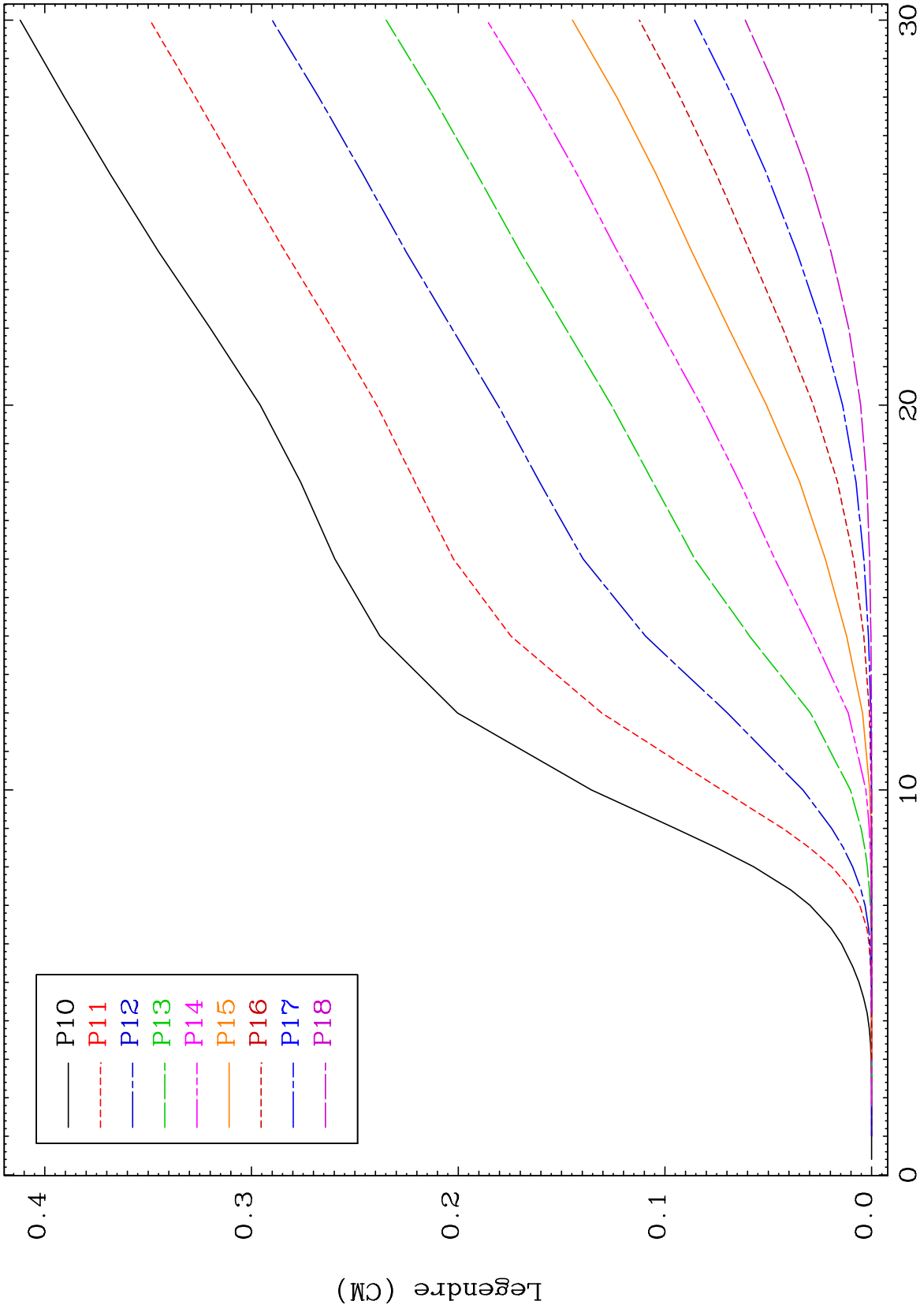




MAT 8625

Elastic Legendre Coefficients

86-Rn-211



17

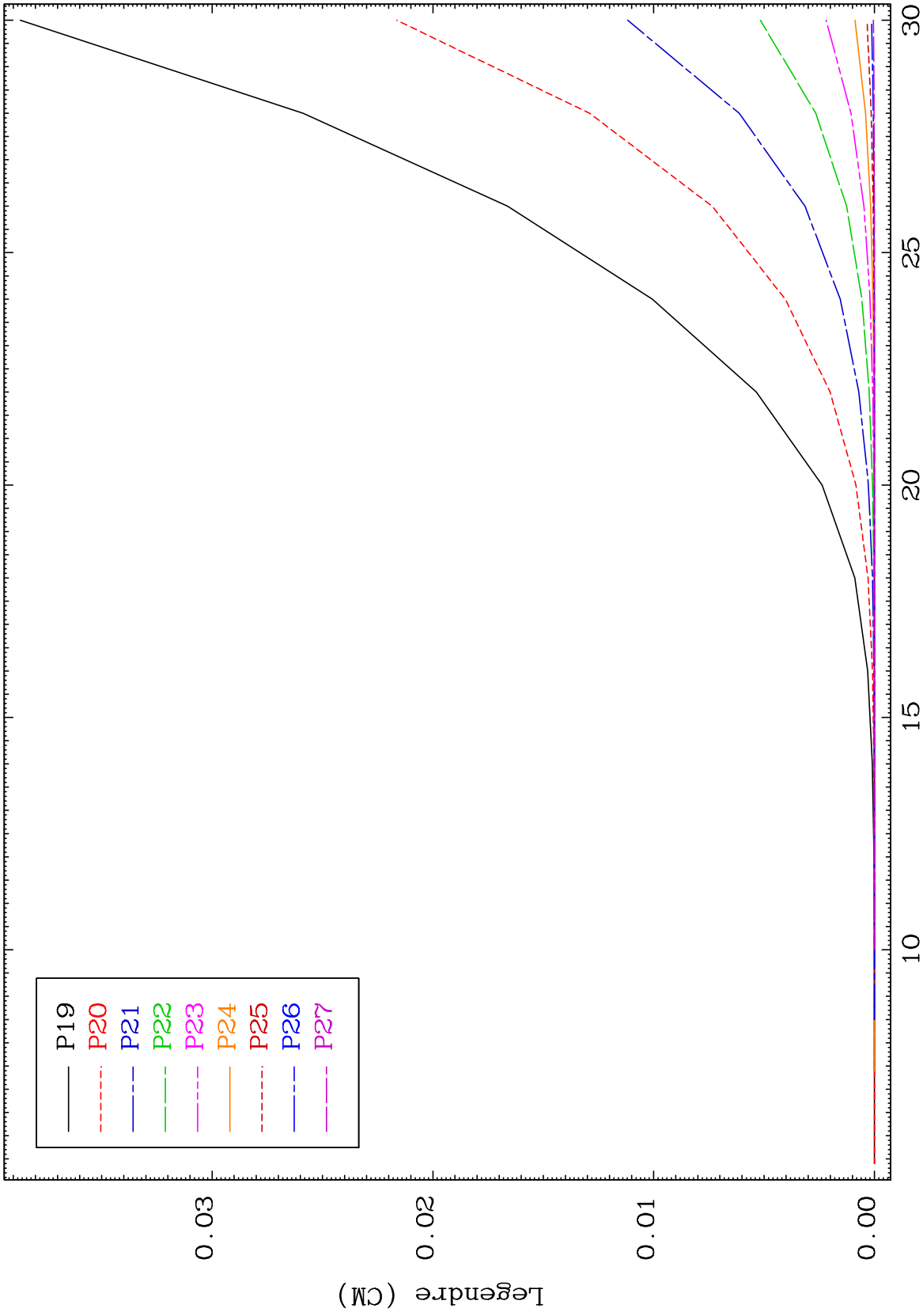
Incident Energy (MeV)

86-Rn-211

MAT 8625

Elastic Legendre Coefficients

86-Rn-211



18

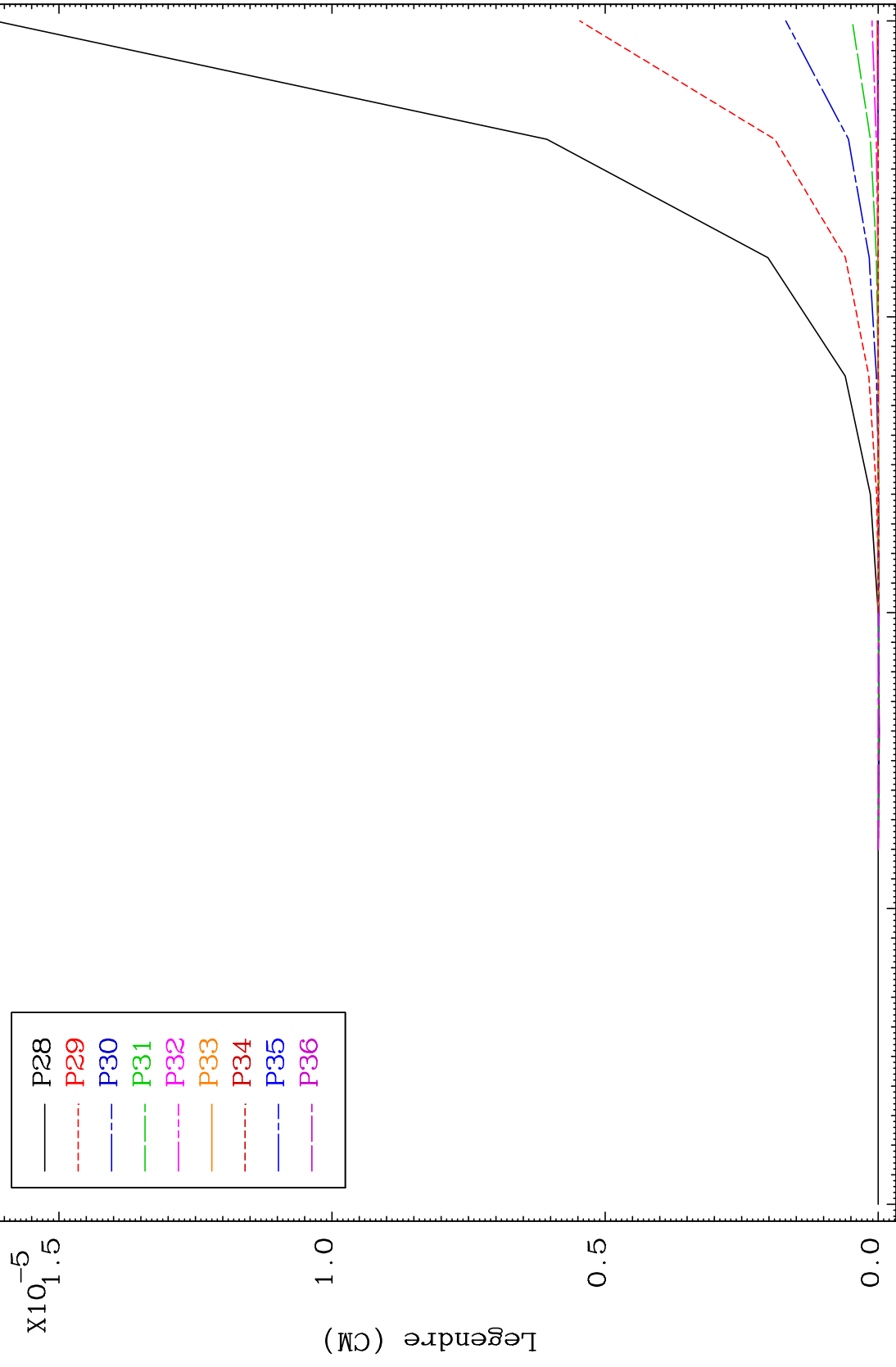
Incident Energy (MeV)

86-Rn-211

MAT 8625

Elastic Legendre Coefficients

86-Rn-211



19

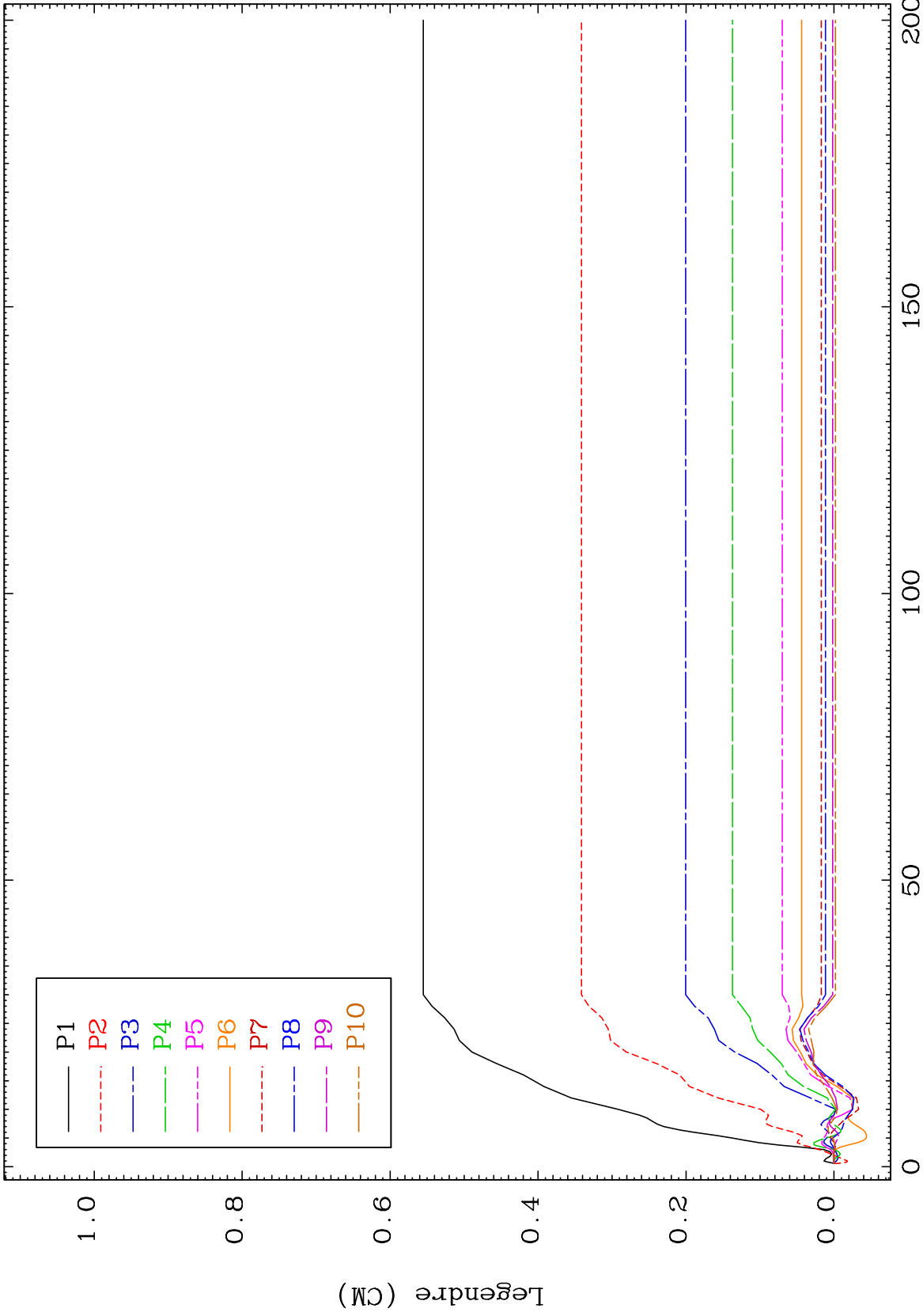
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



86-Rn-211

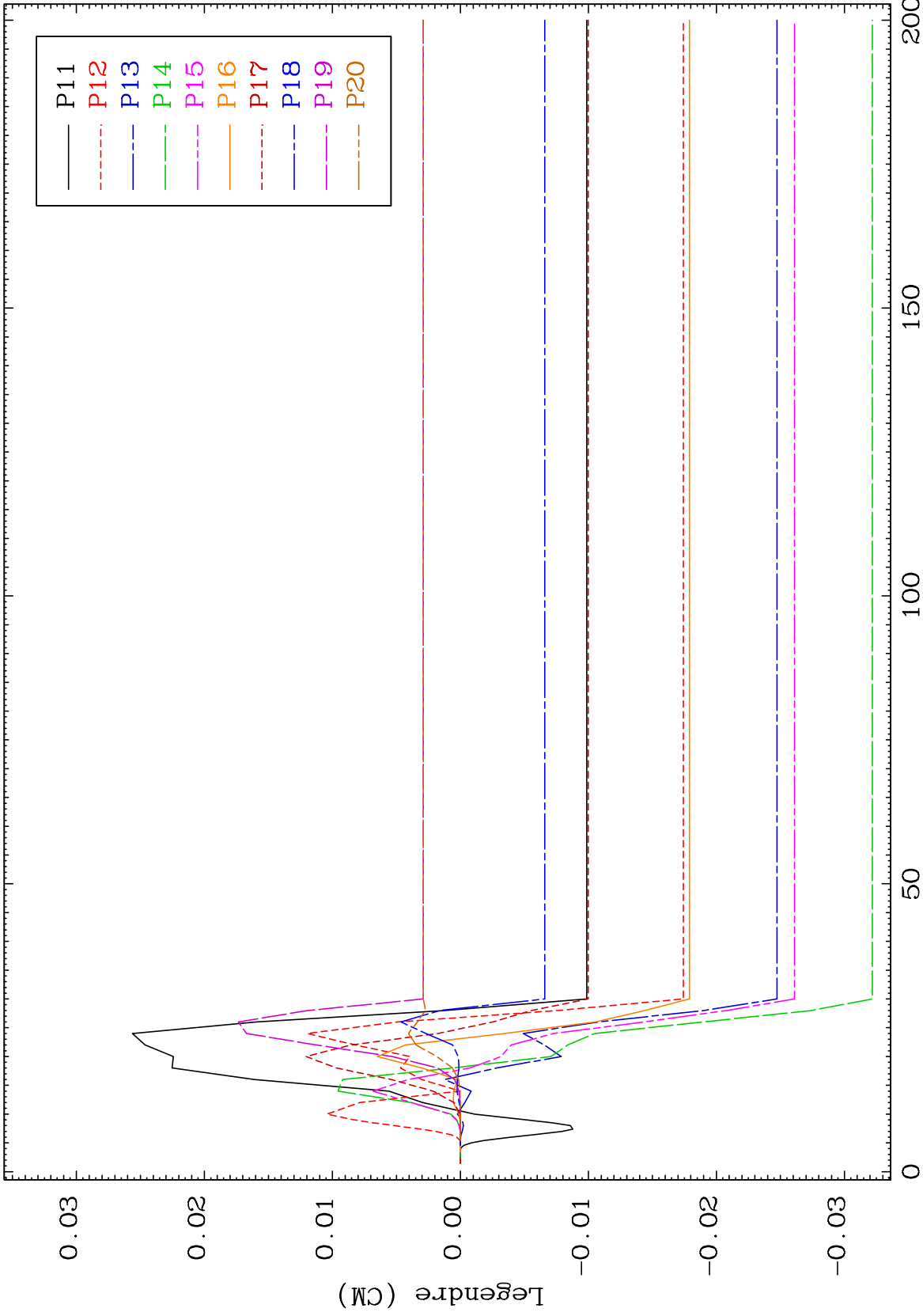
Incident Energy (MeV)

20

MAT 8625

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

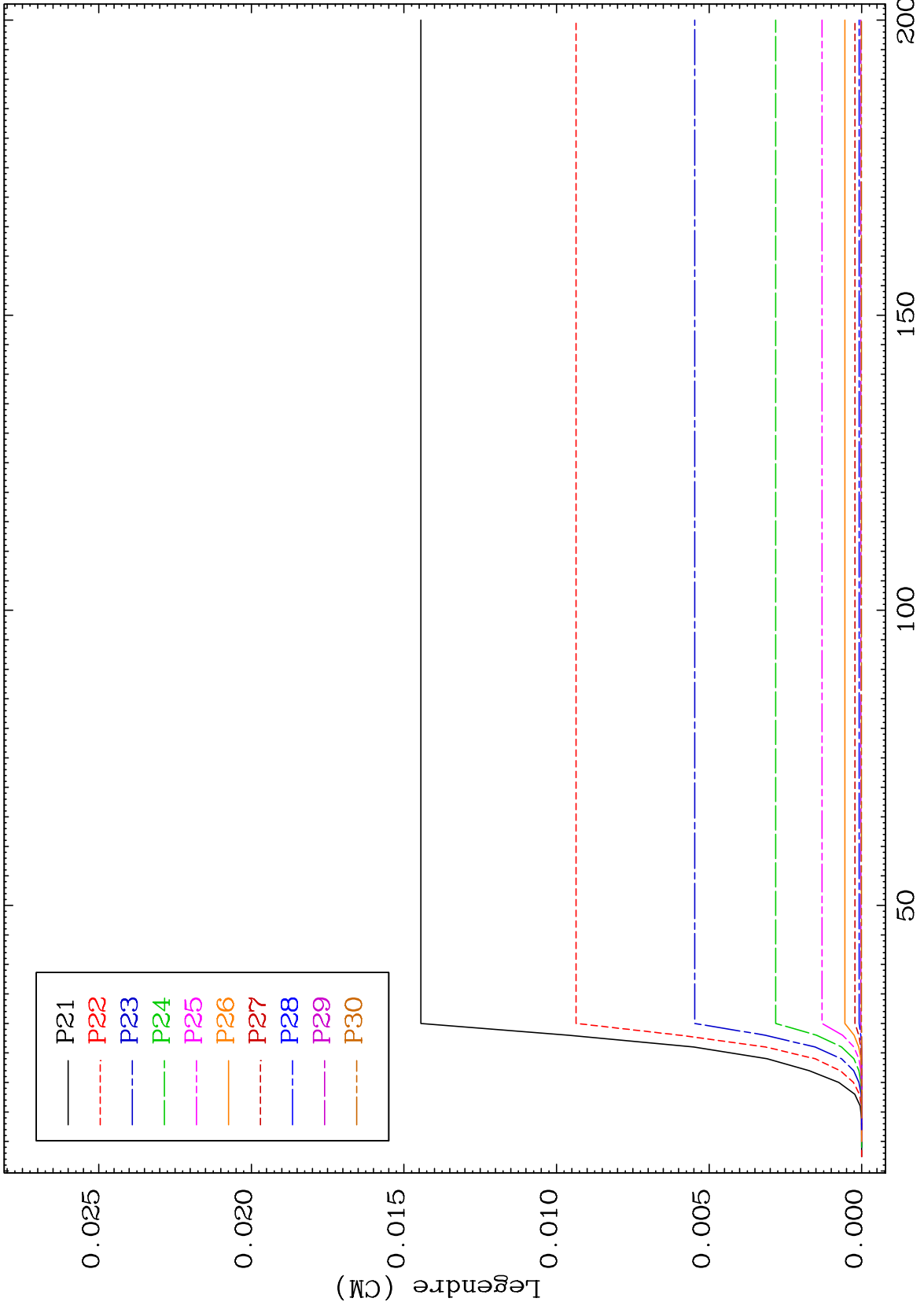
86-Rn-211



21

Incident Energy (MeV)

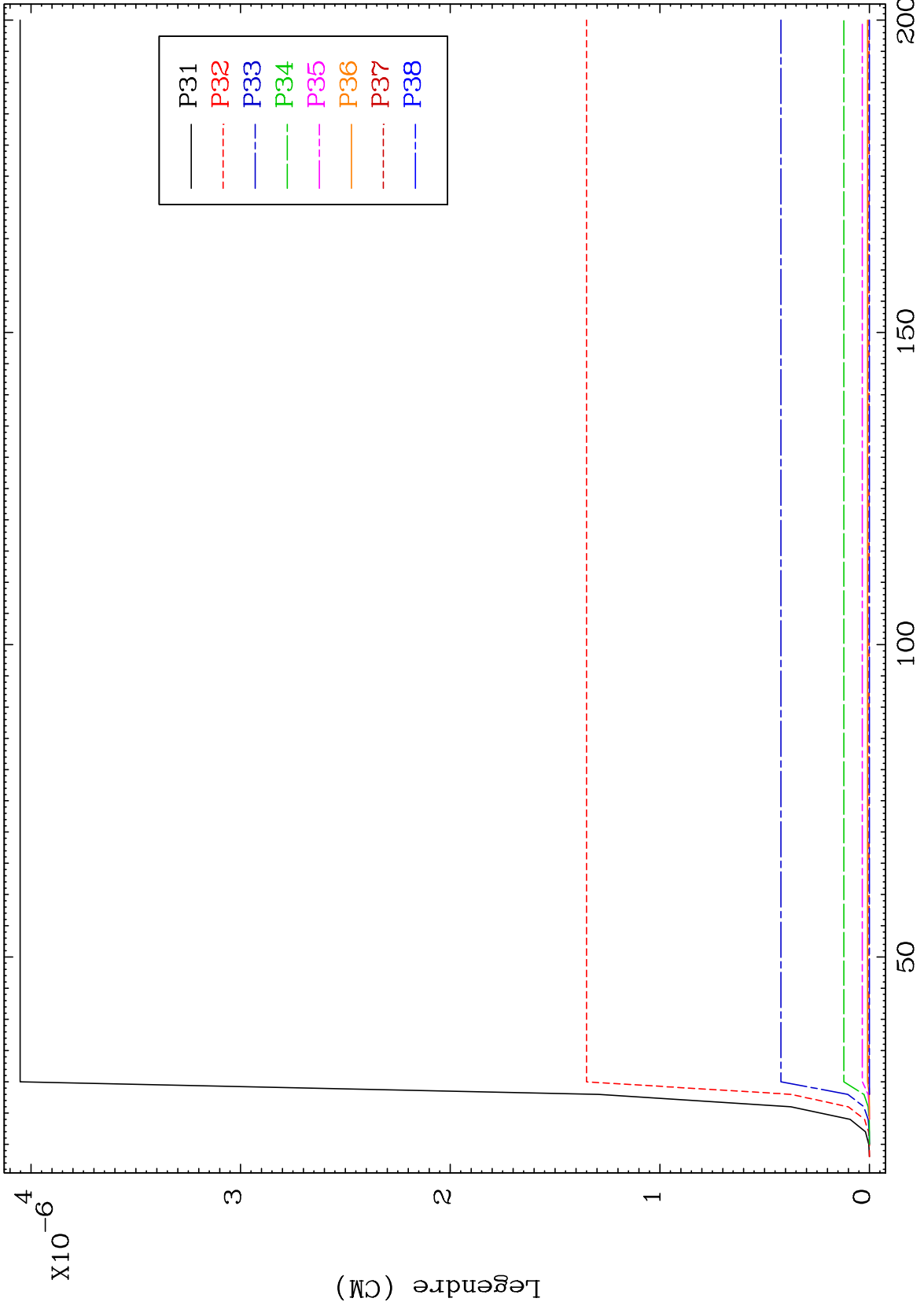
86-Rn-211



MAT 8625

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

86-Rn-211



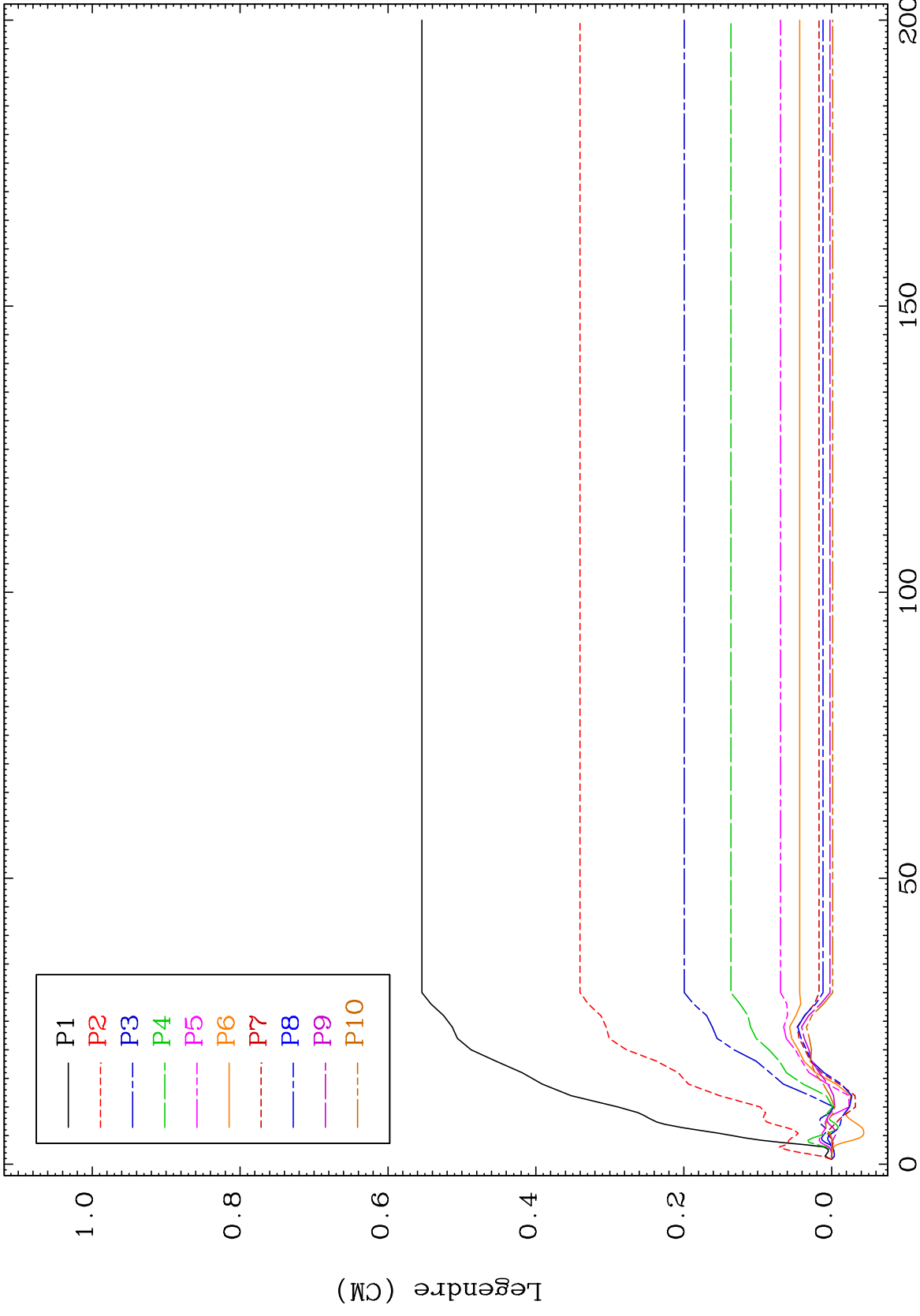
23

86-Rn-211

MAT 8625

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

86-Rn-211



24

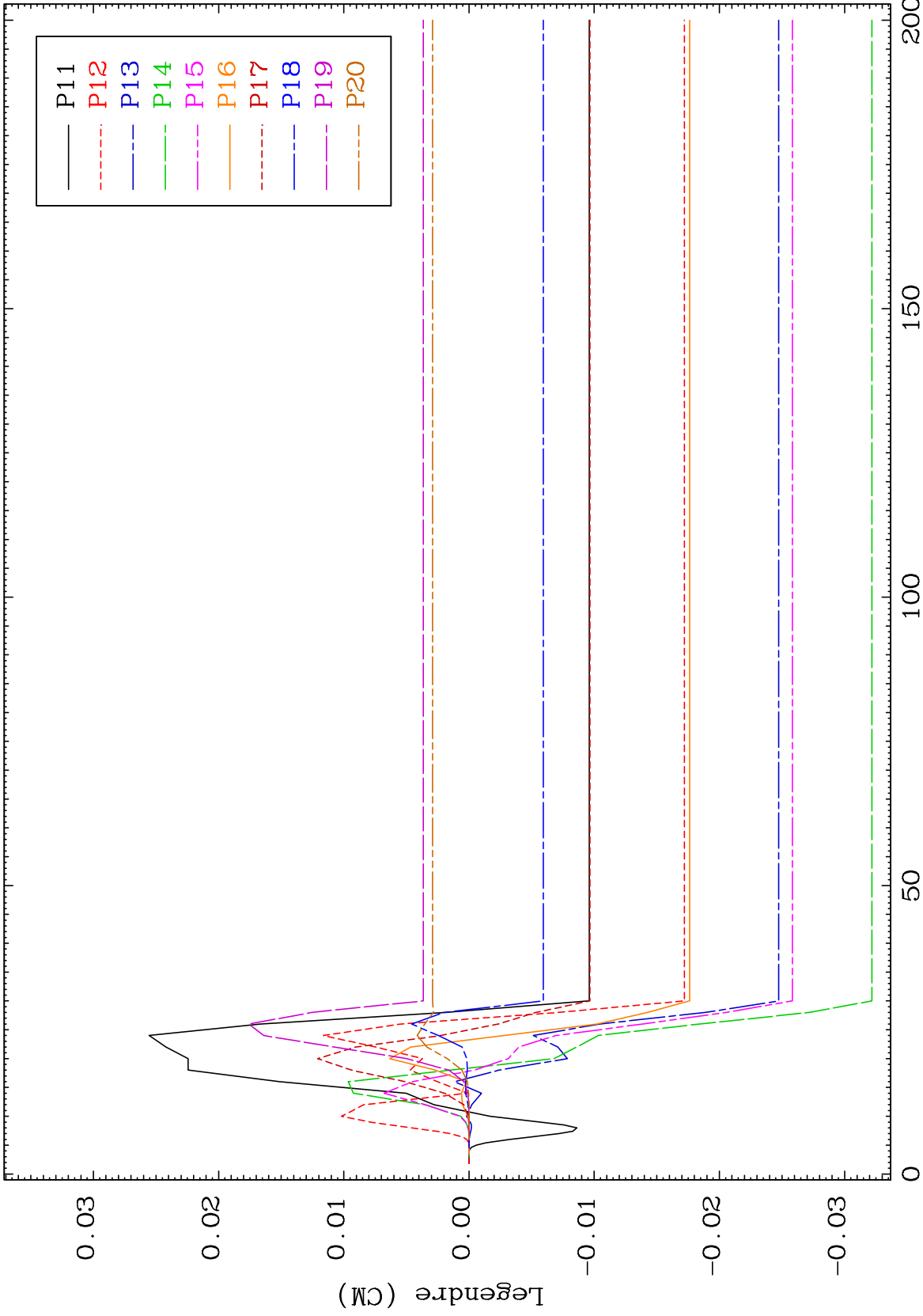
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



25

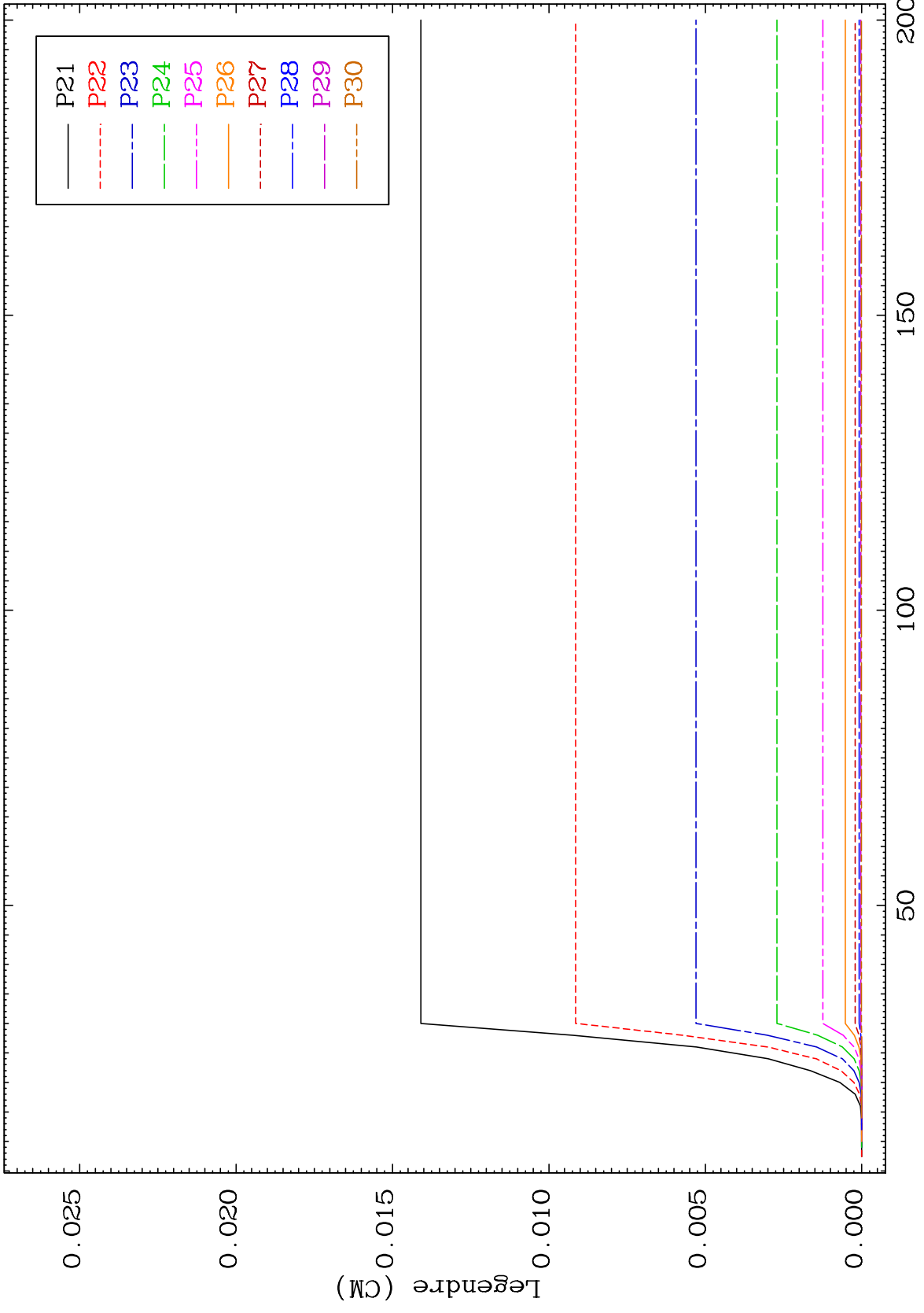
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



26

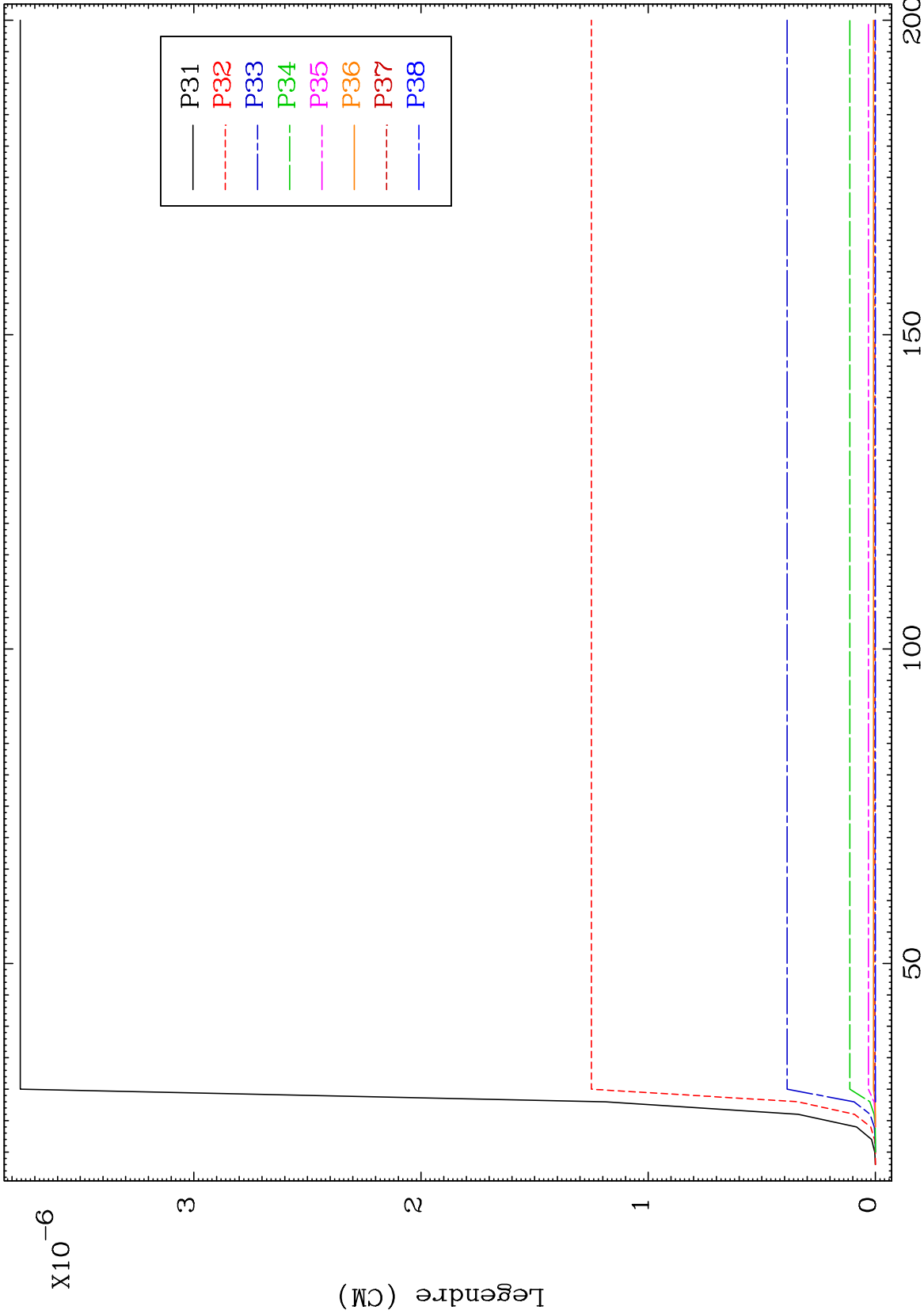
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



27

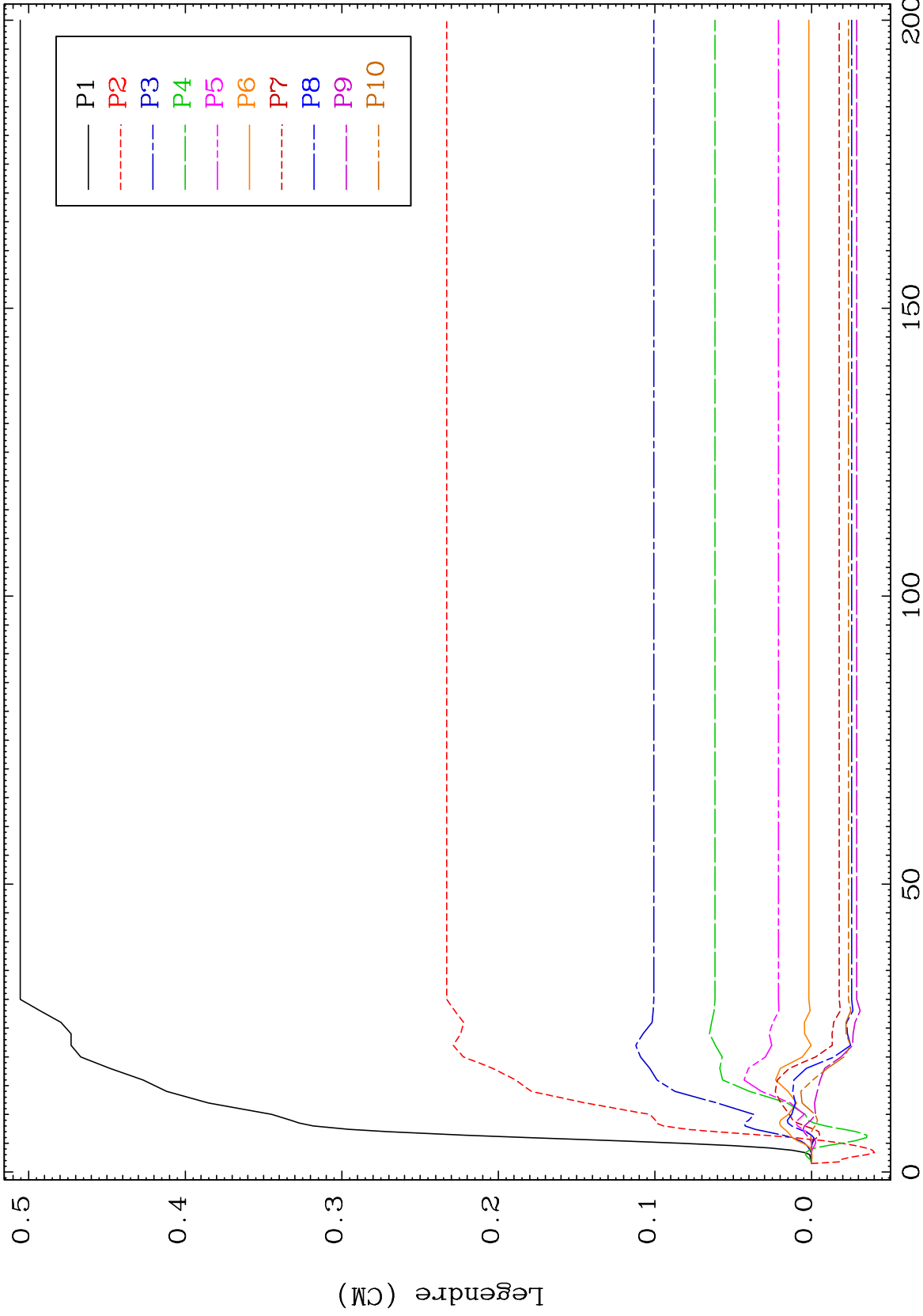
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



28

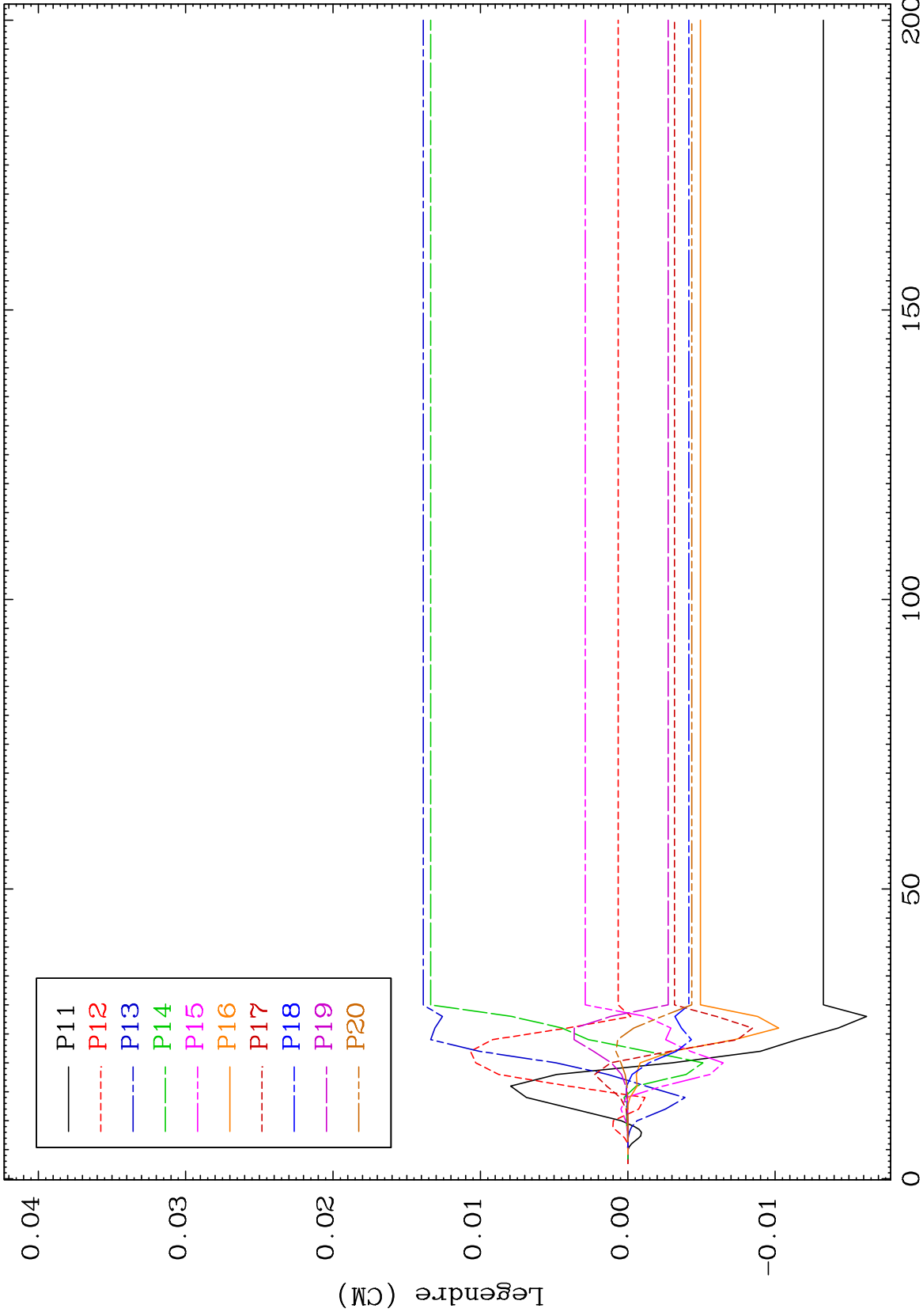
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



29

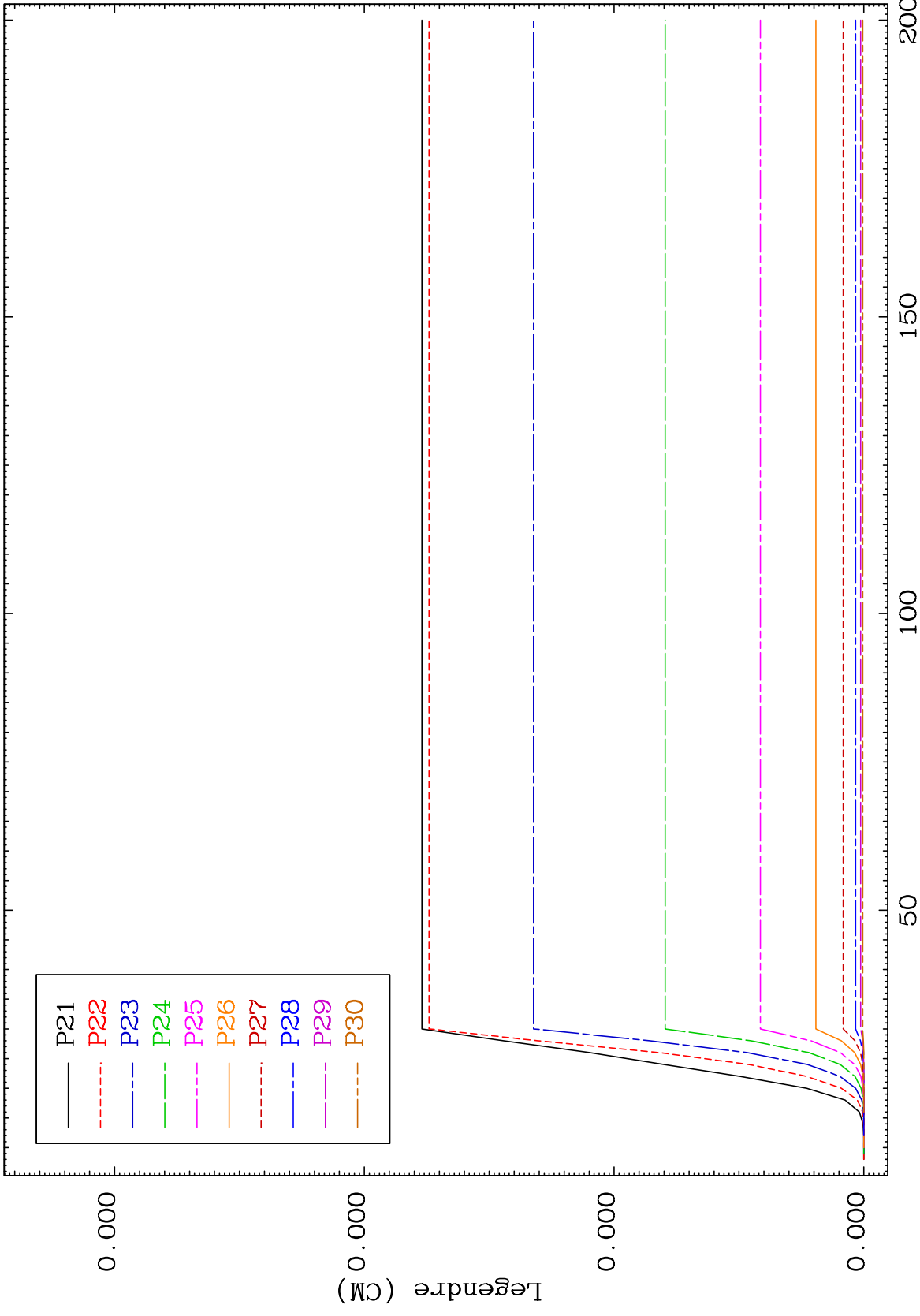
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



30

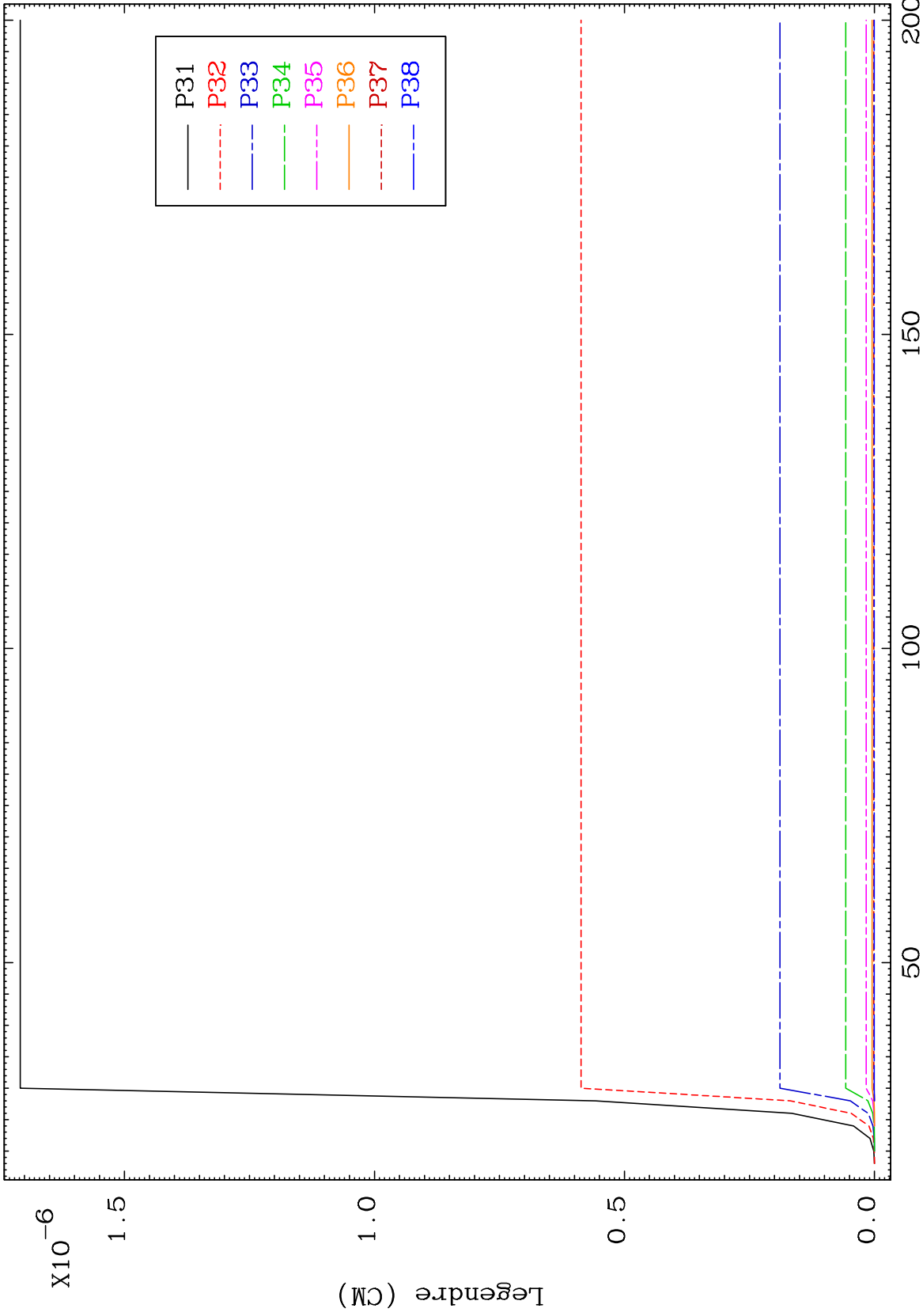
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



31

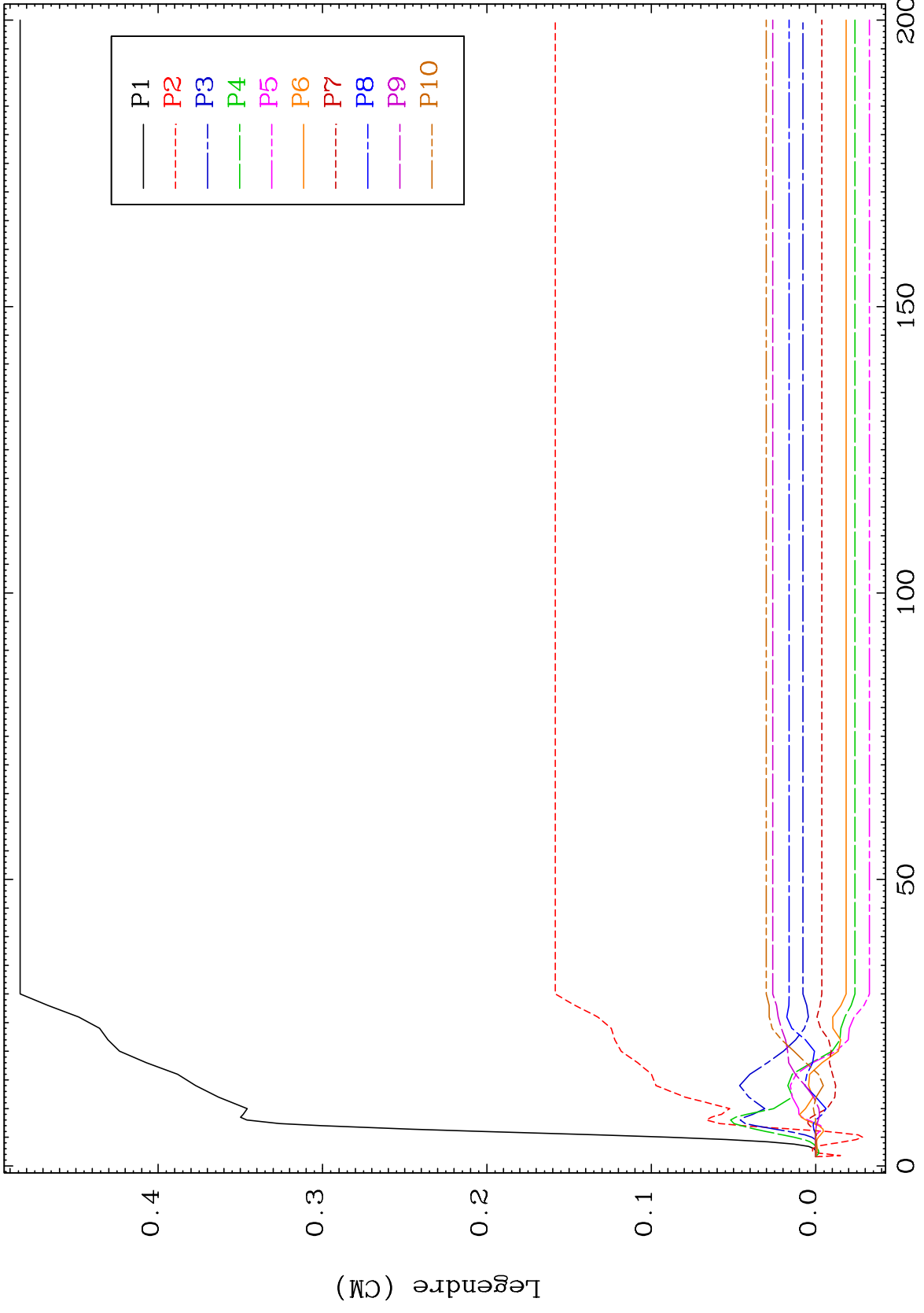
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



32

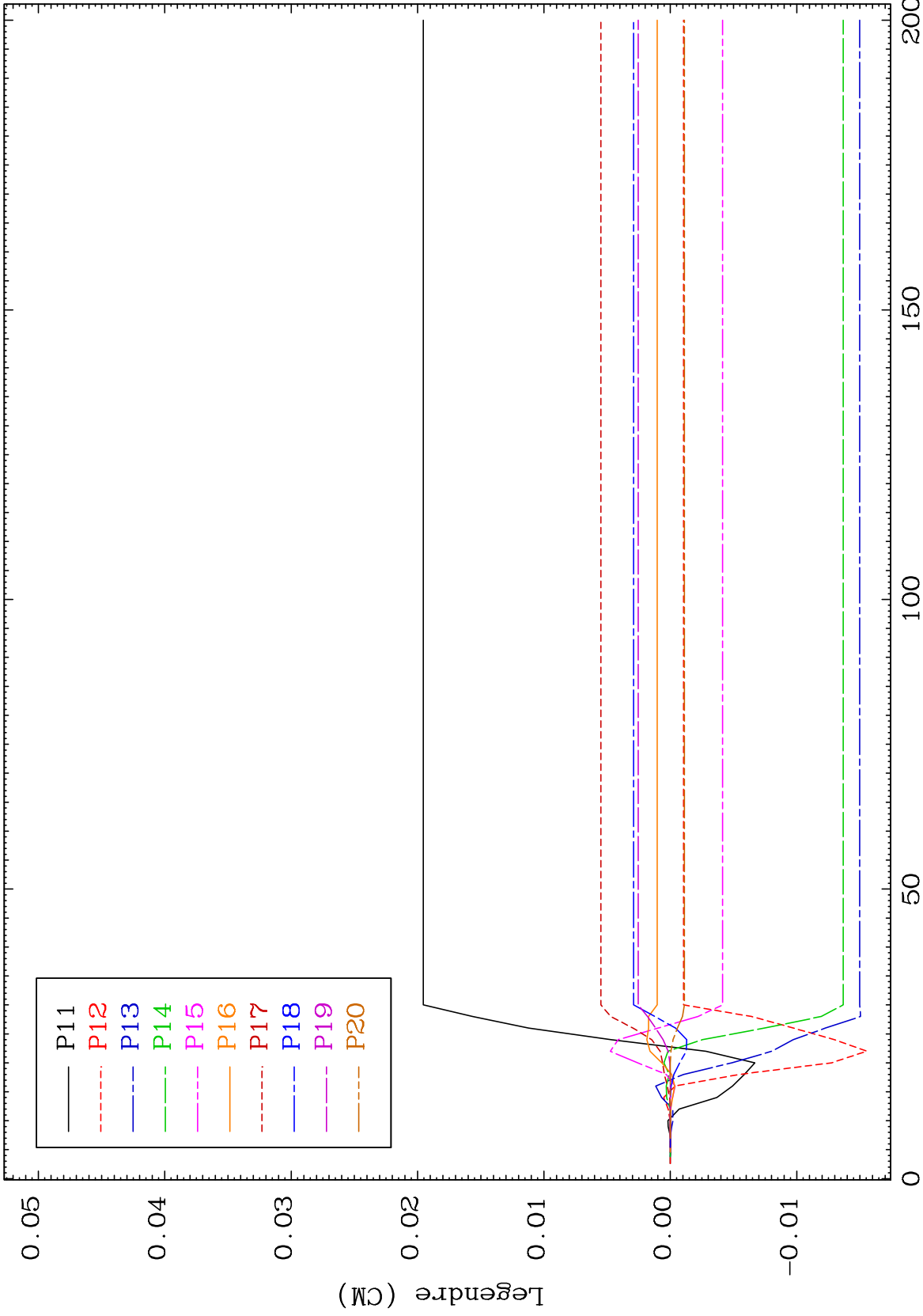
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



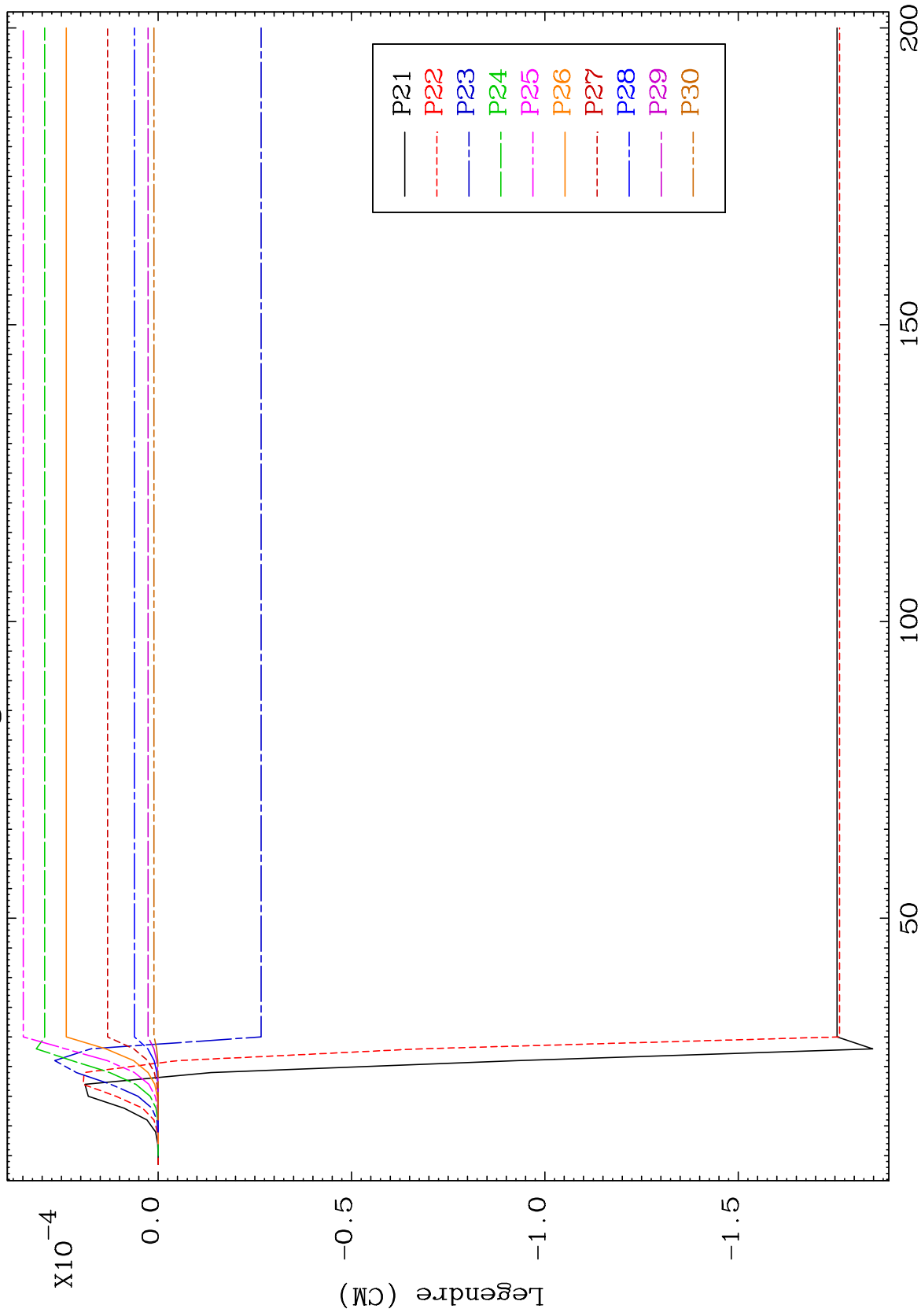
33

86-Rn-211

MAT 8625

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

86-Rn-211



34

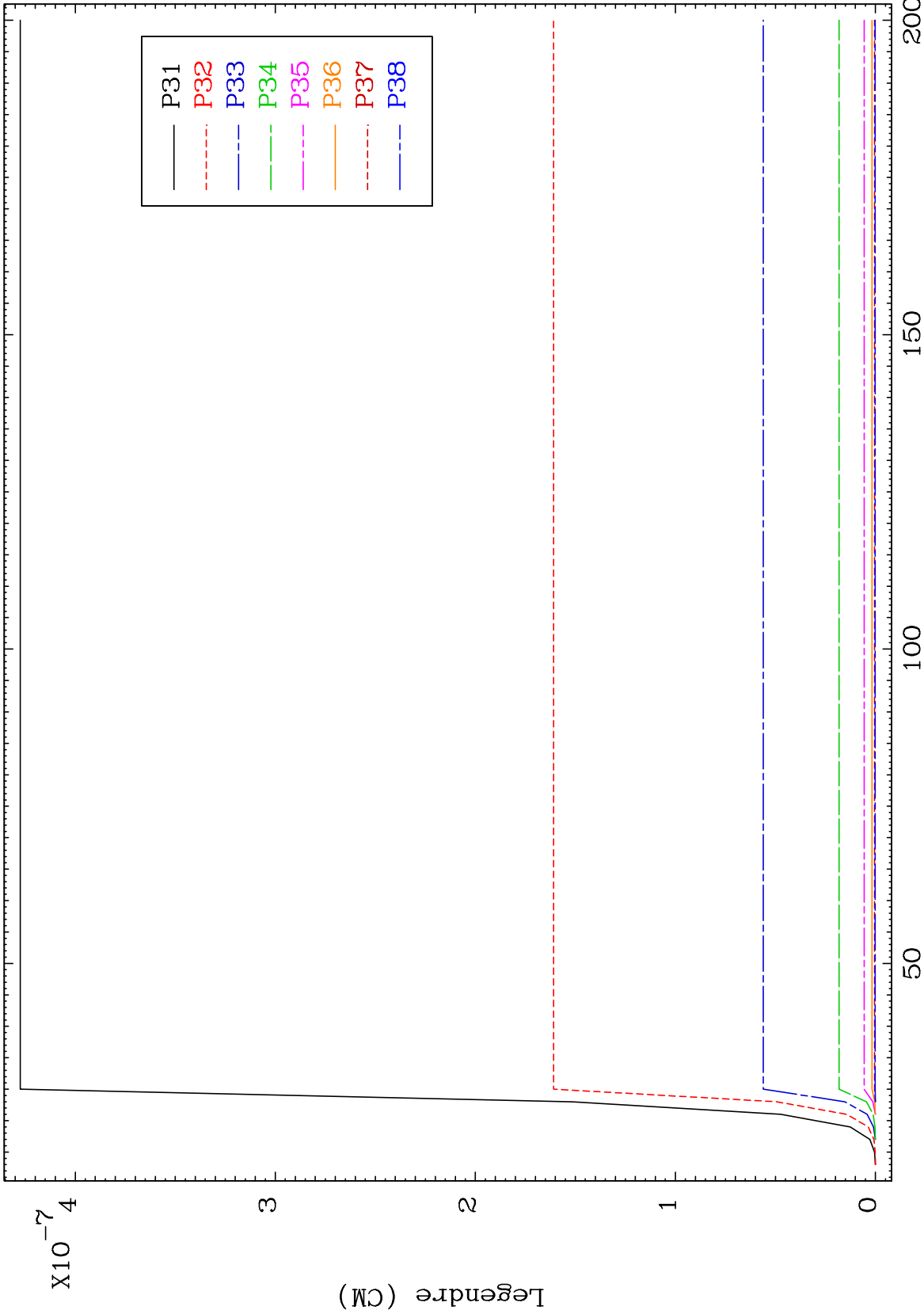
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



35

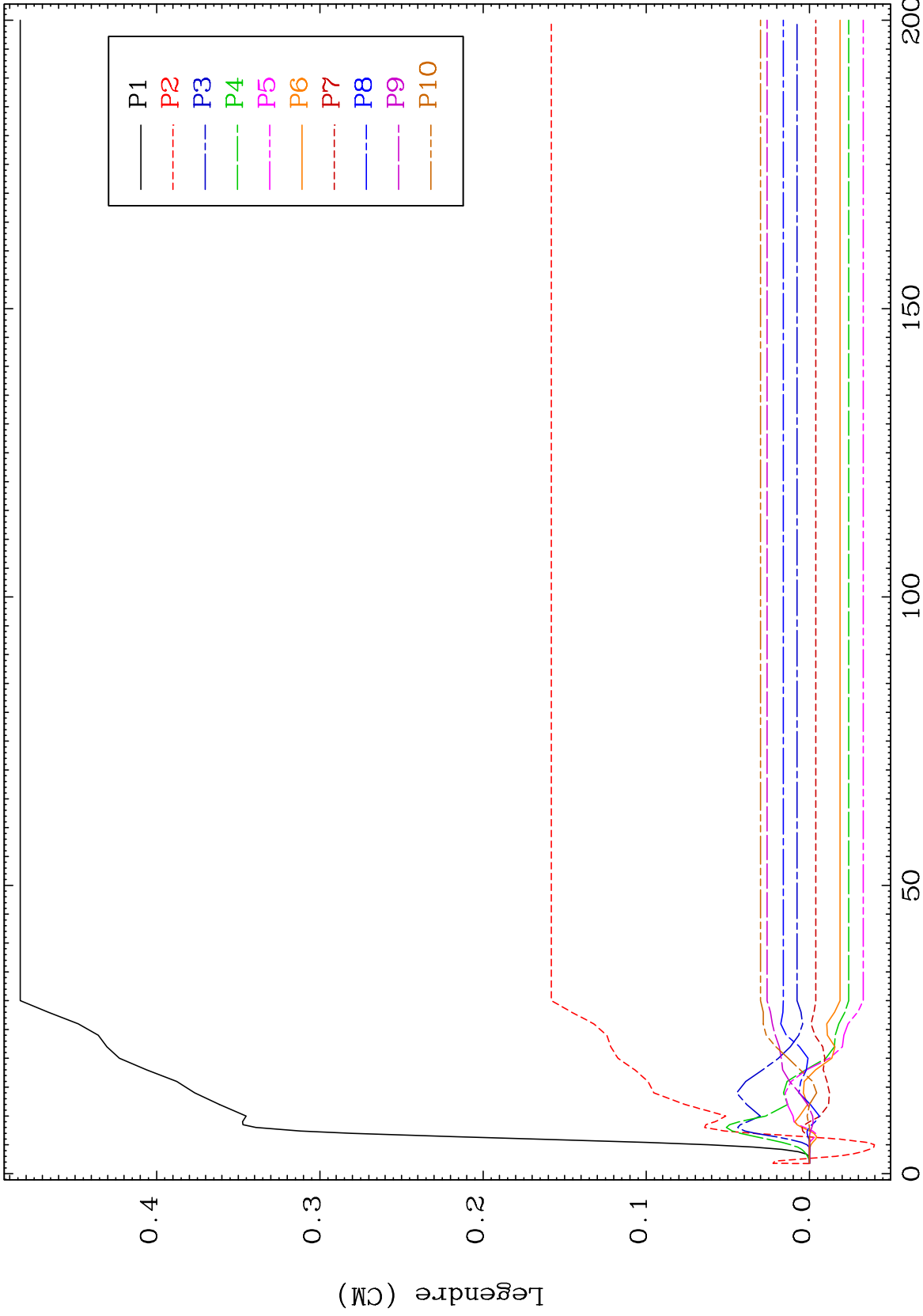
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



36

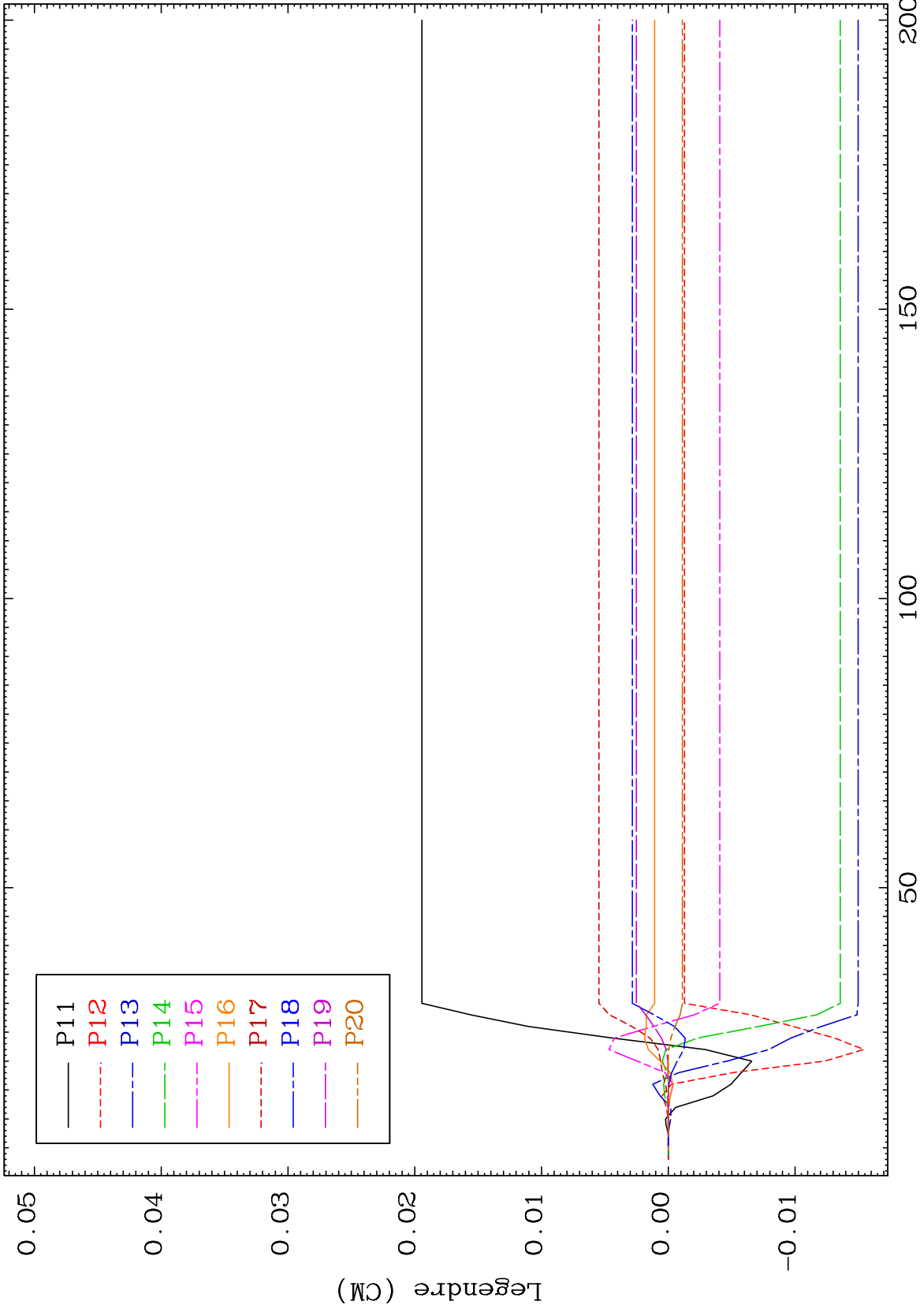
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

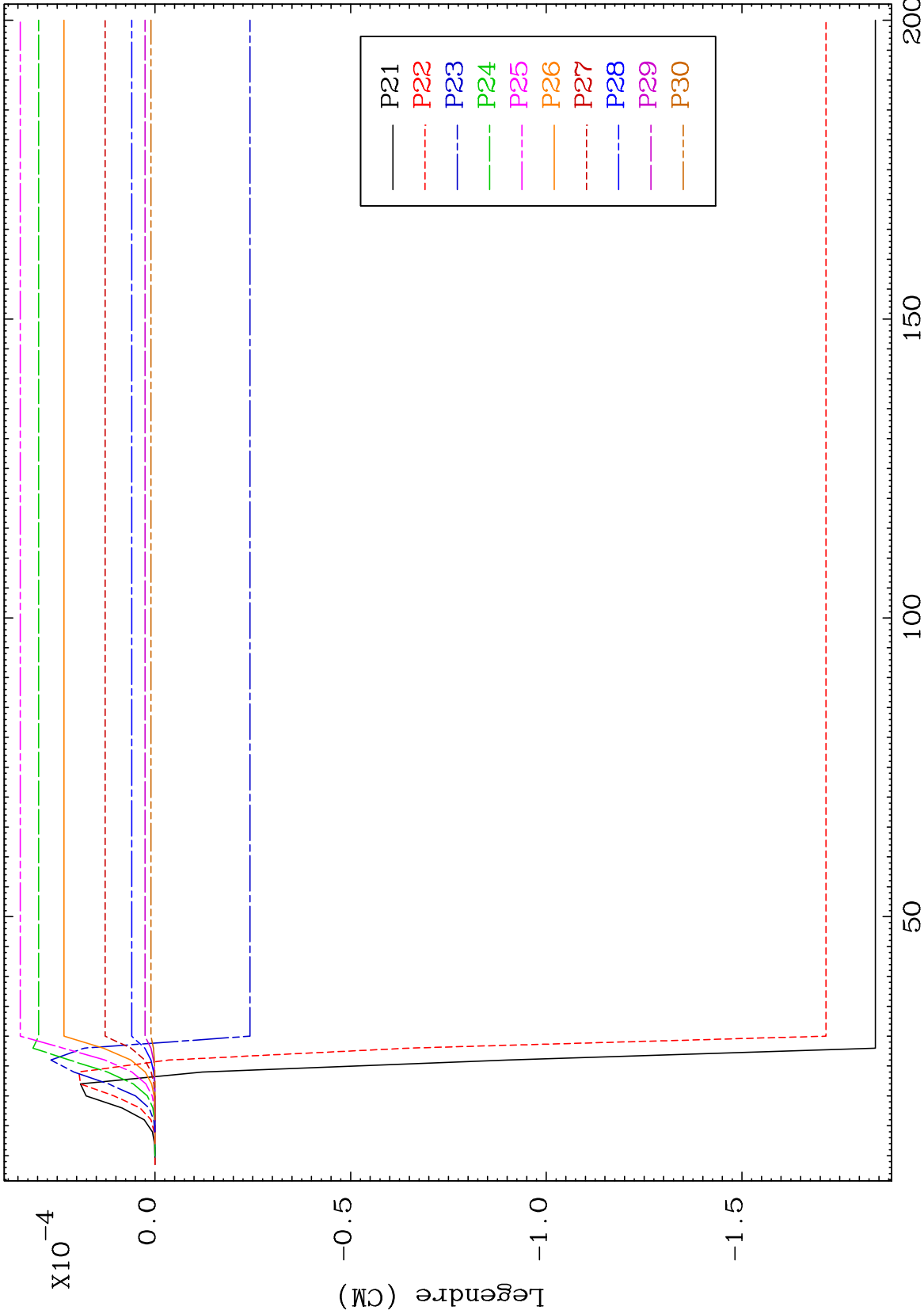
86-Rn-211



37

Incident Energy (MeV)

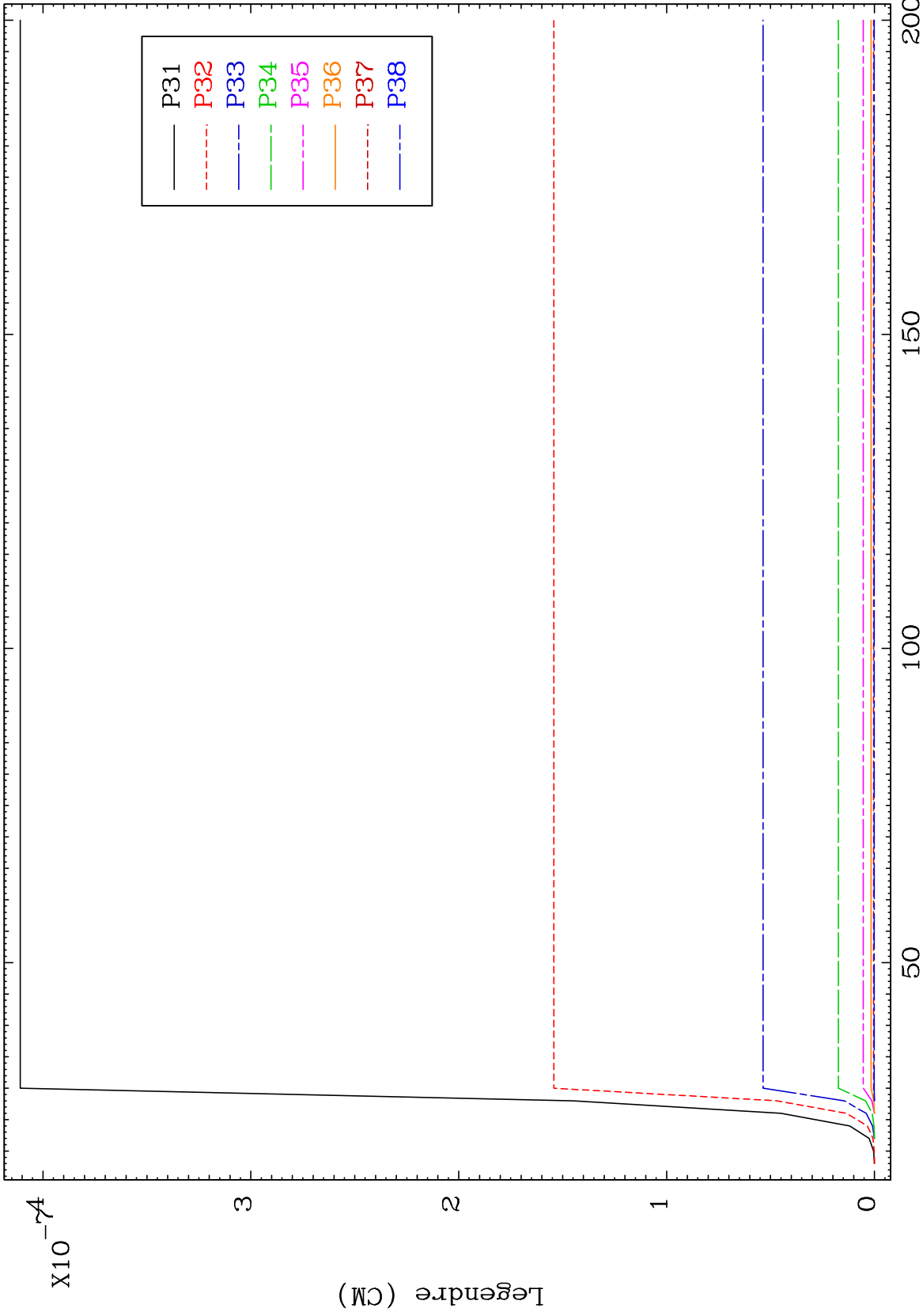
86-Rn-211



MAT 8625

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

86-Rn-211



39

86-Rn-211

MAT 8625

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

86-Rn-211



86-Rn-211

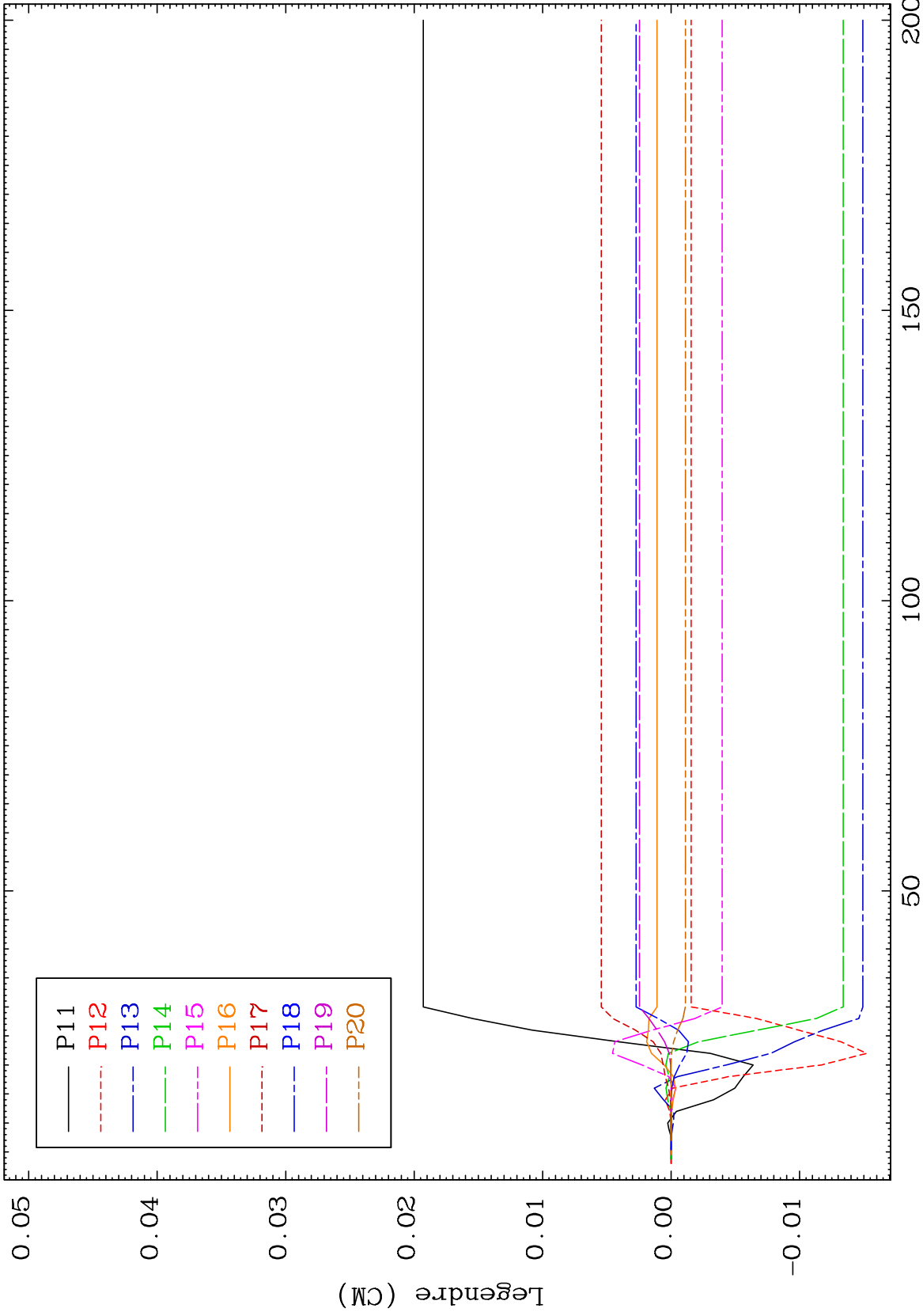
Incident Energy (MeV)

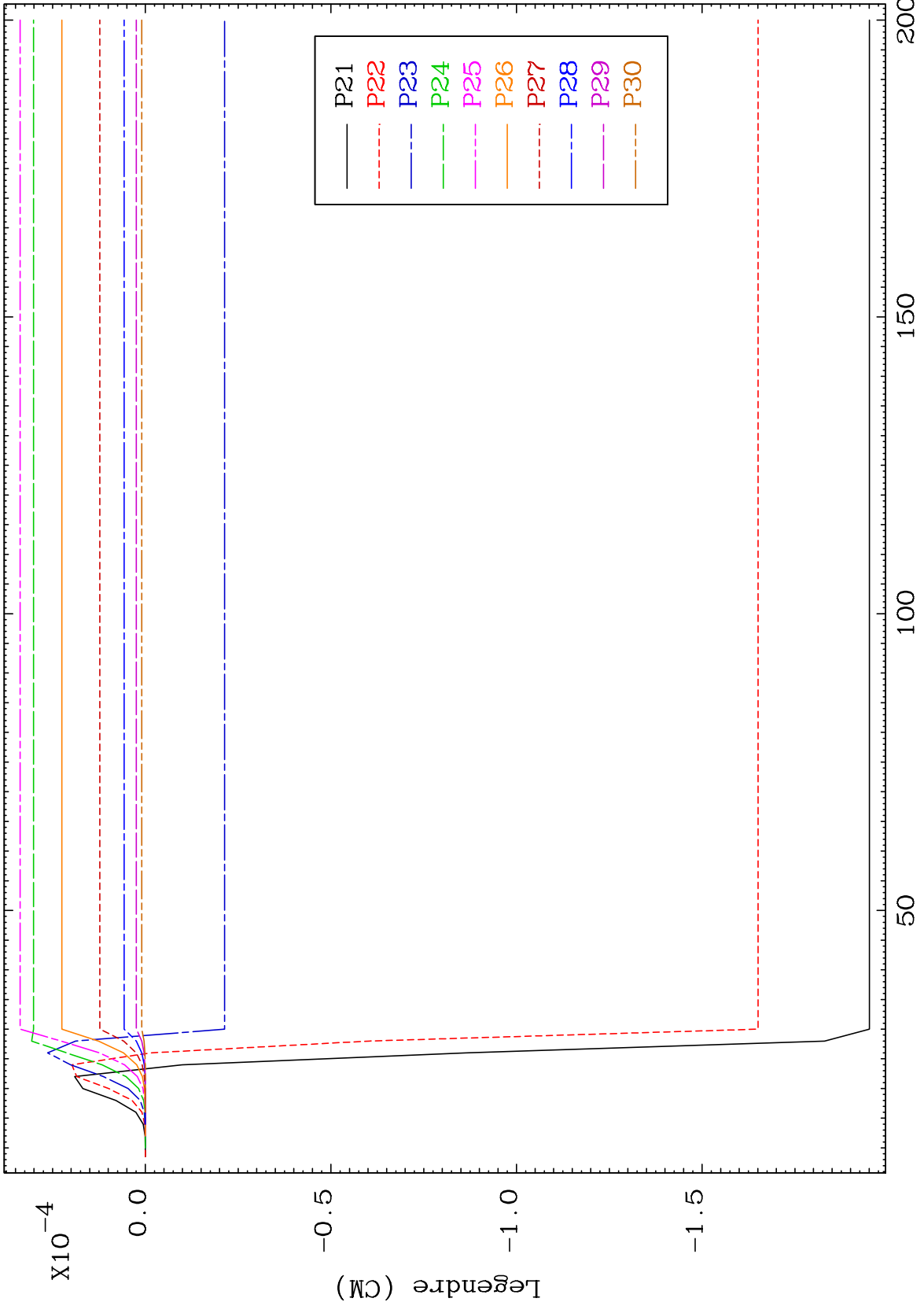
40

MAT 8625

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

86-Rn-211

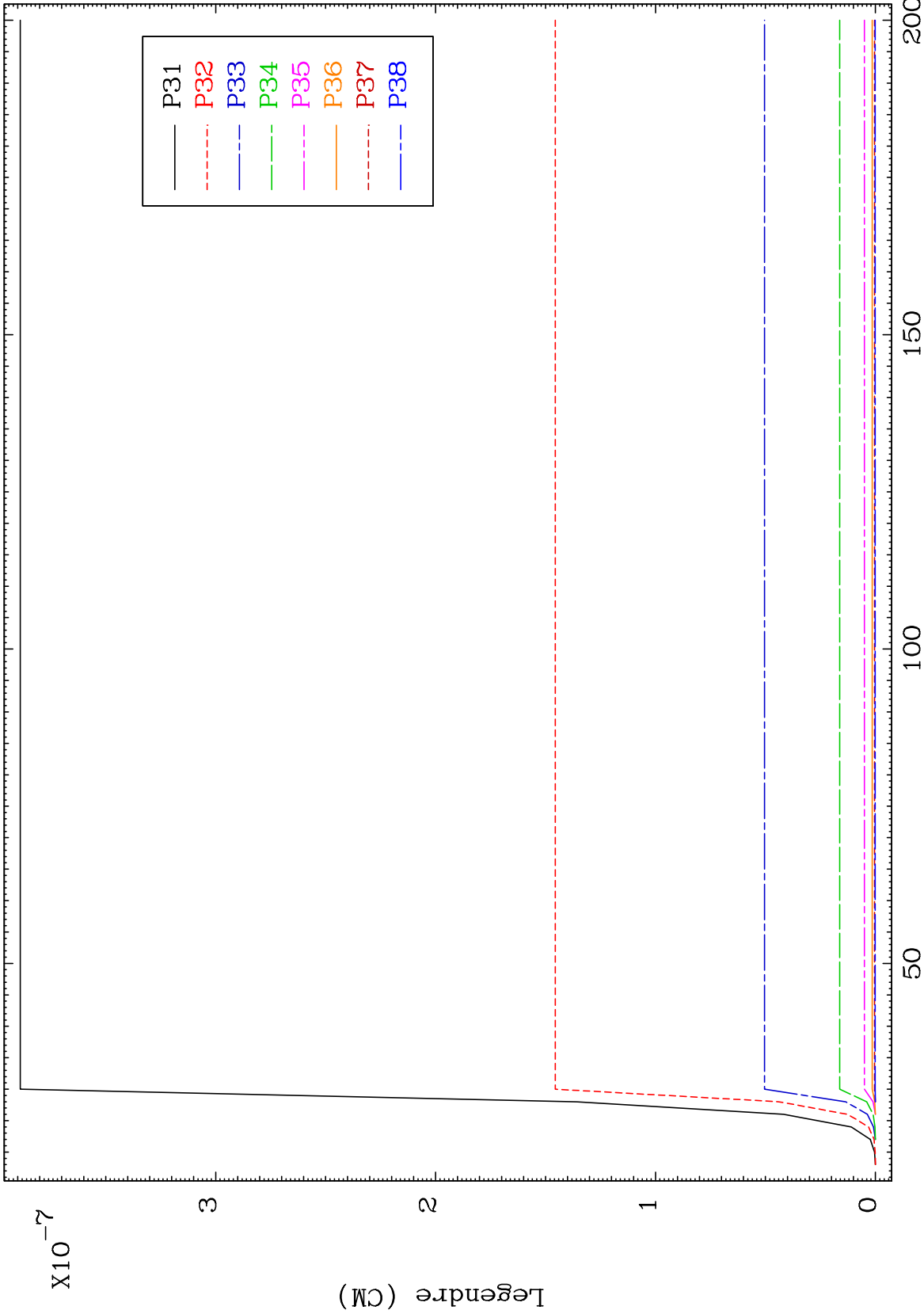




MAT 8625

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

86-Rn-211



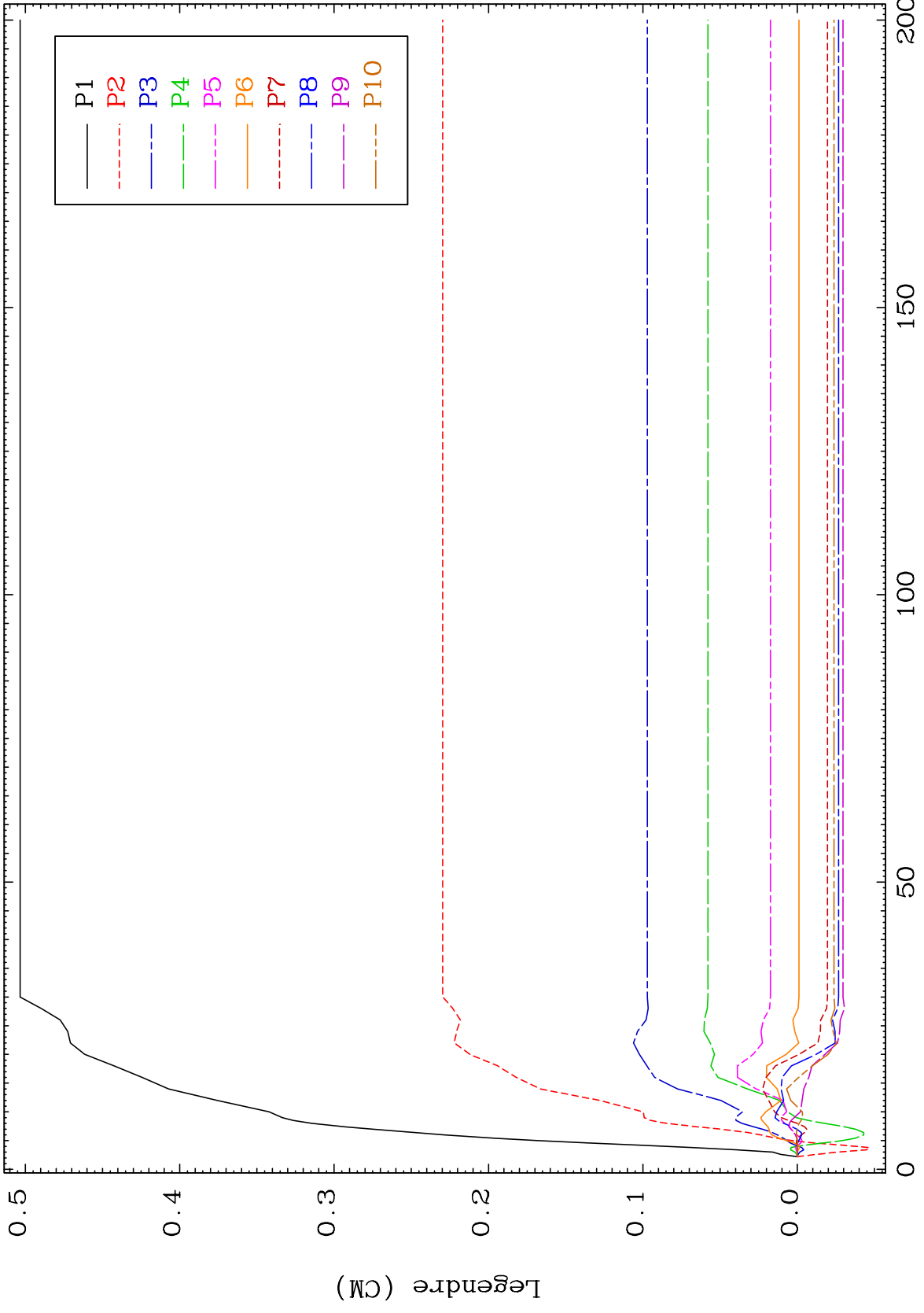
43

86-Rn-211

MAT 8625

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

86-Rn-211



44

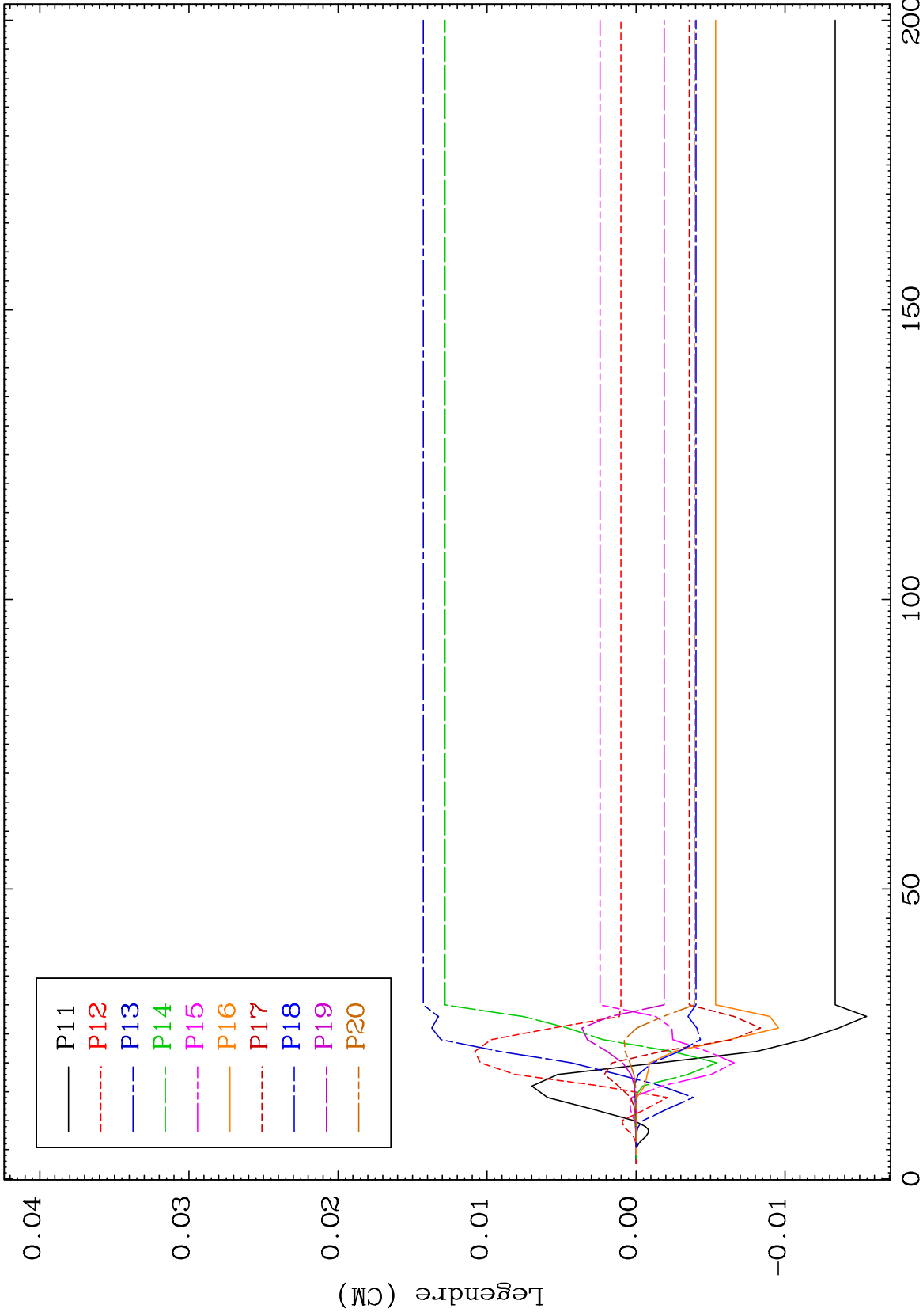
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



45

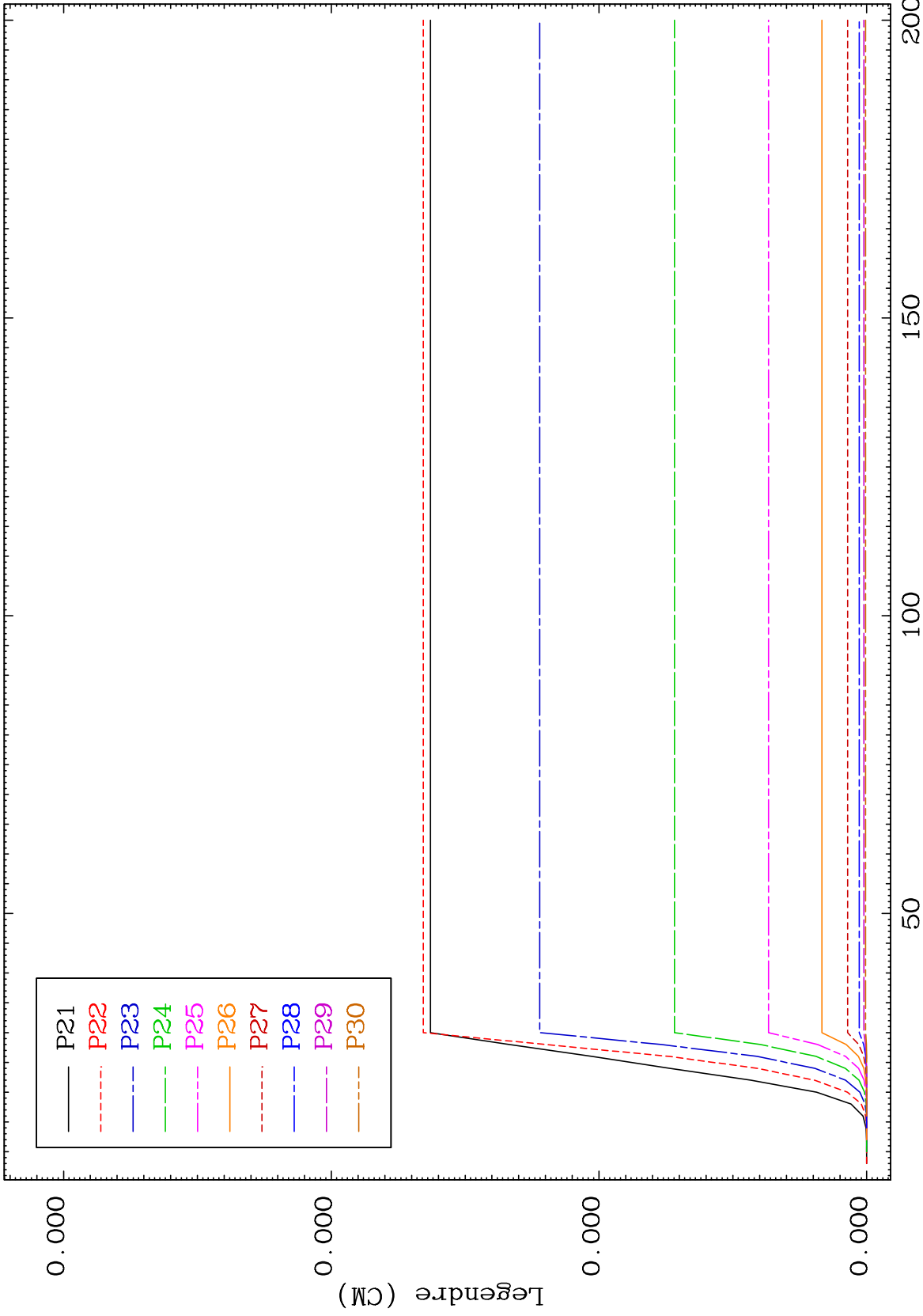
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



46

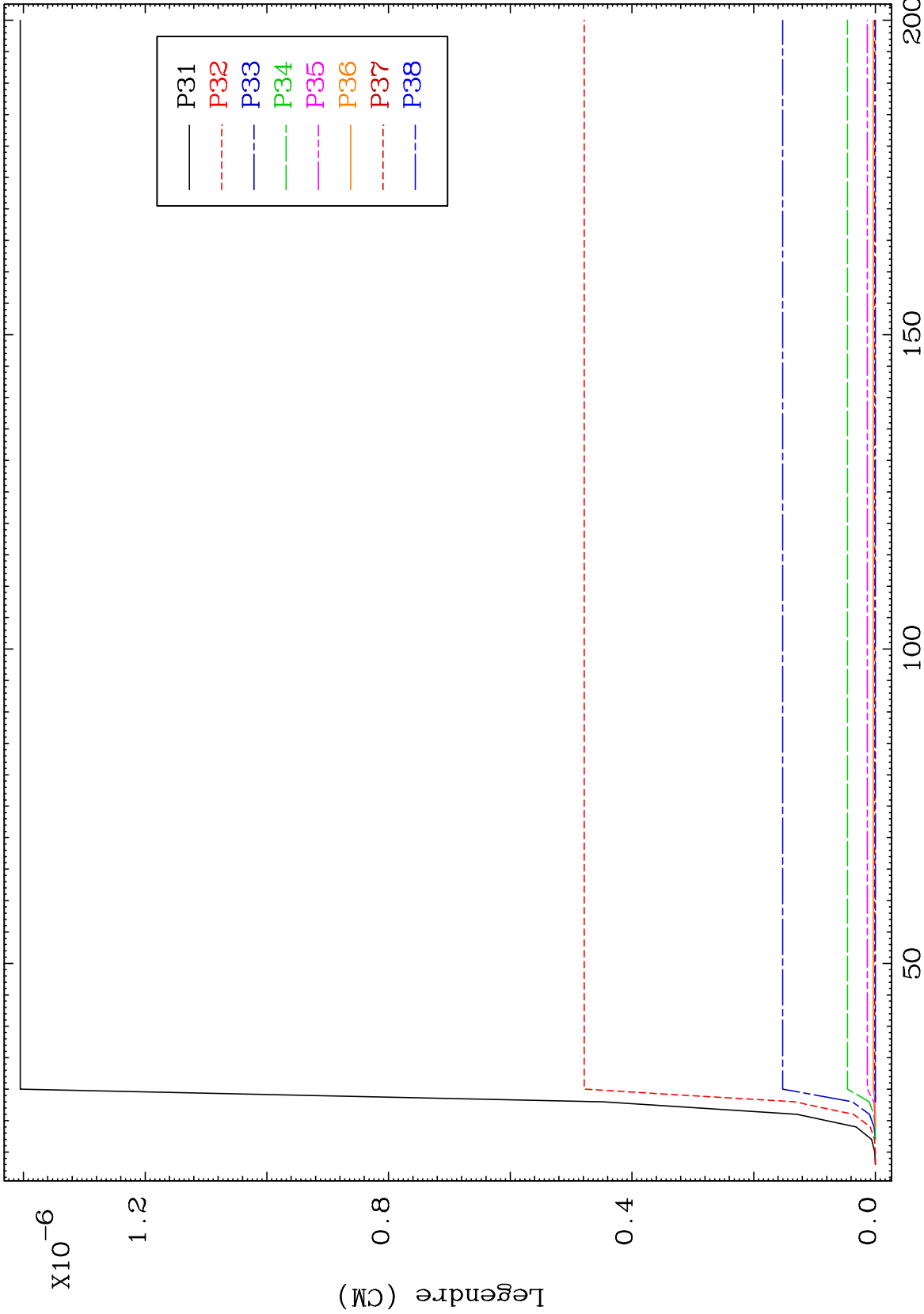
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



47

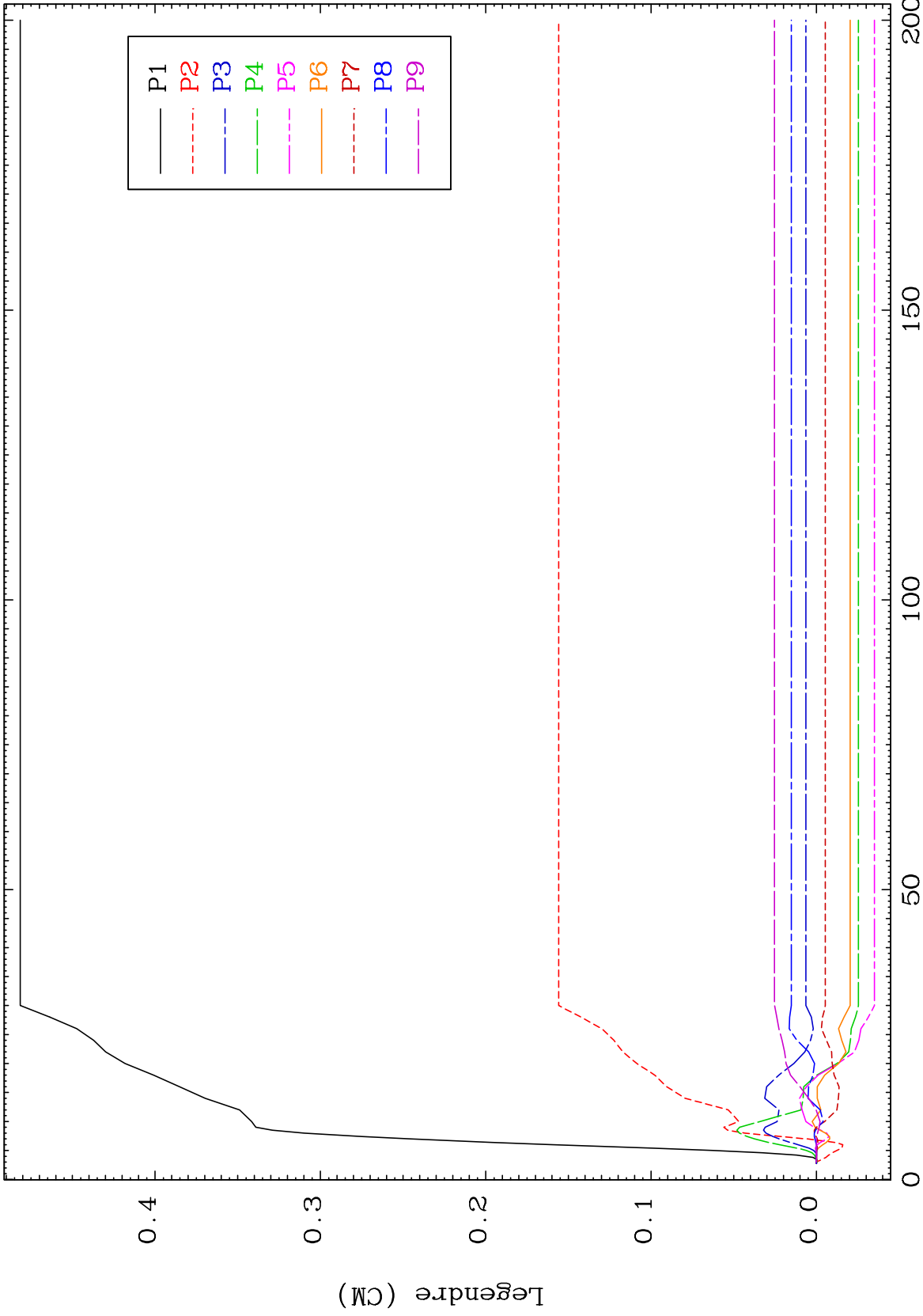
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



48

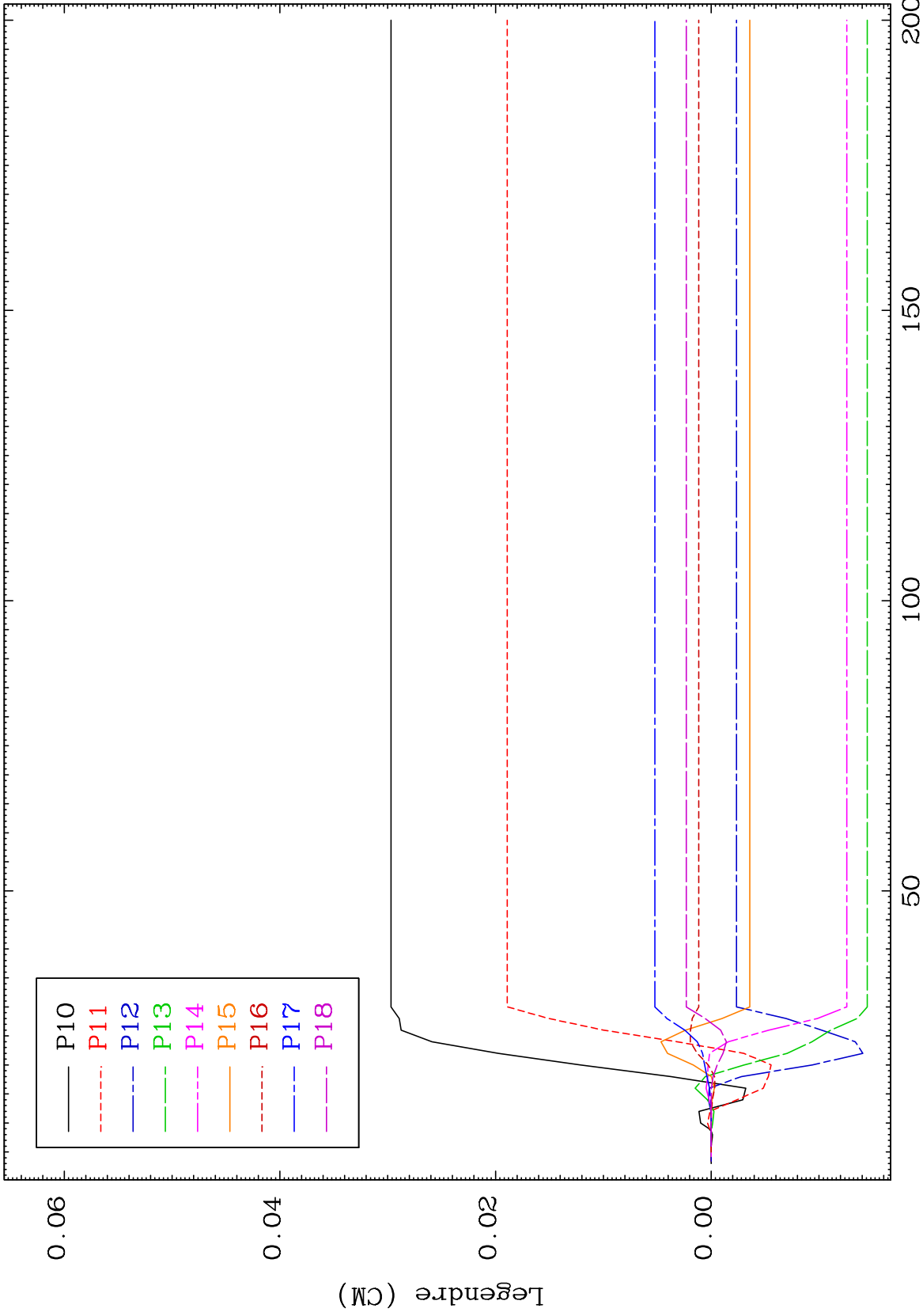
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

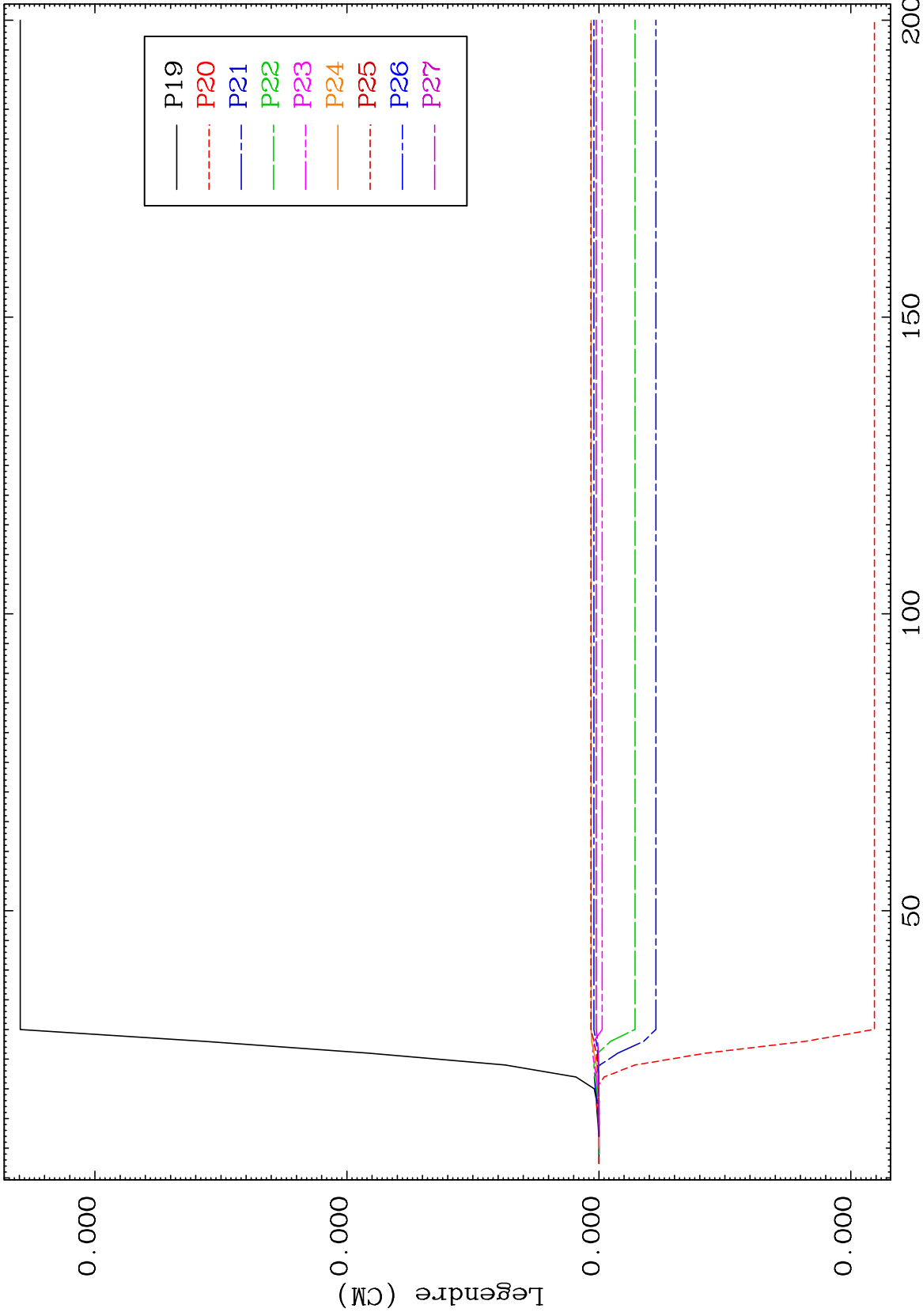
86-Rn-211



MAT 8625

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

86-Rn-211



50

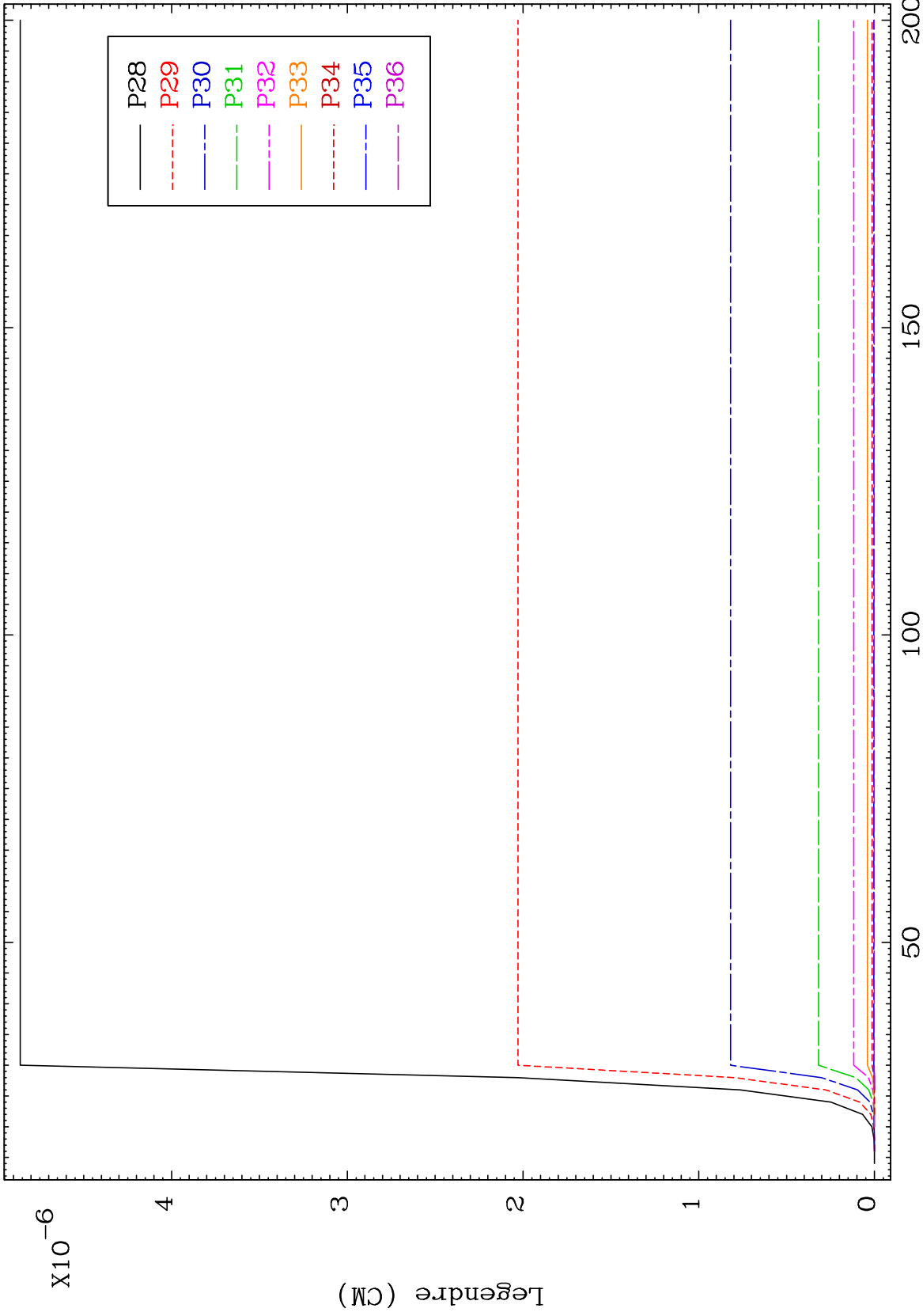
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

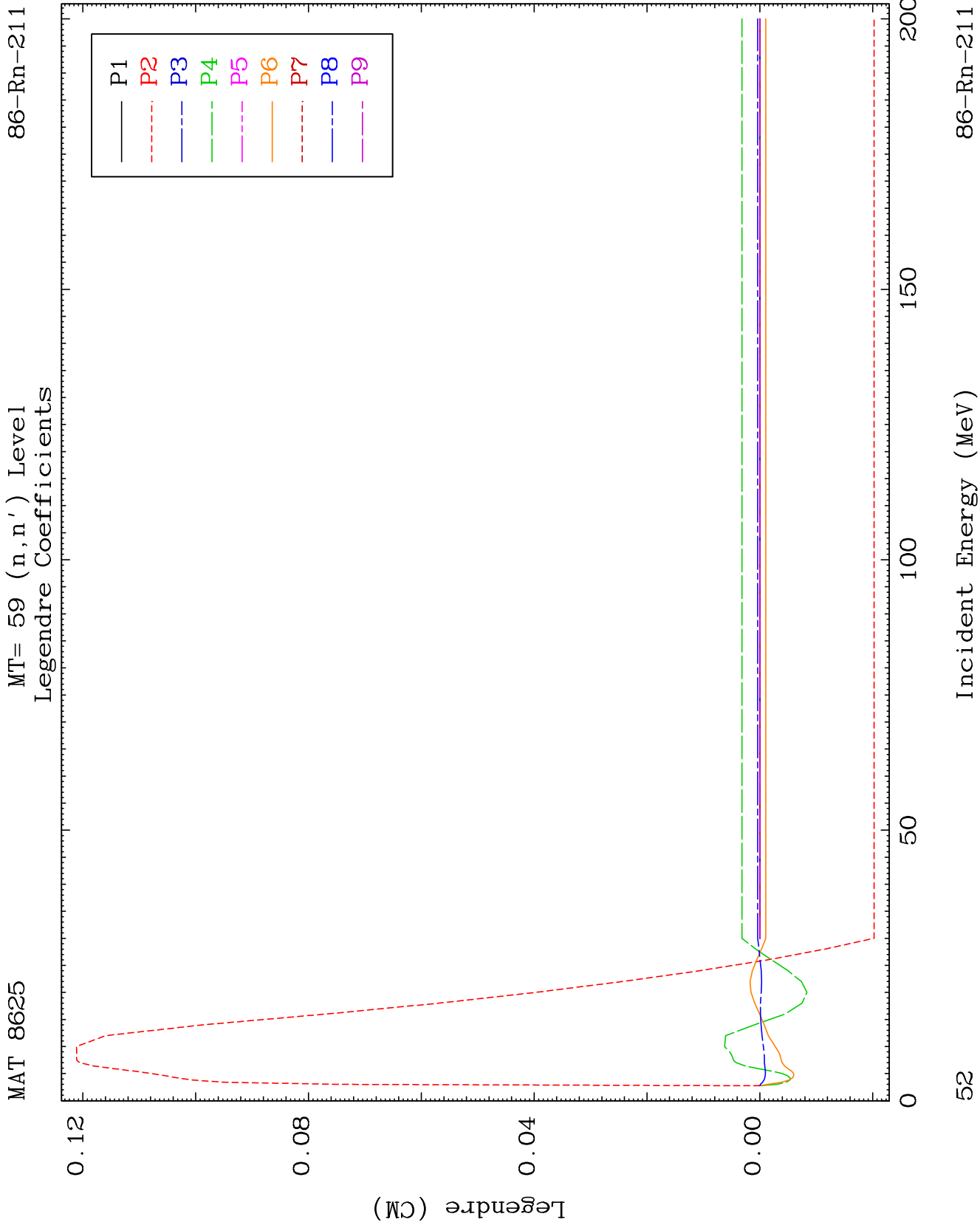
86-Rn-211



51

Incident Energy (MeV)

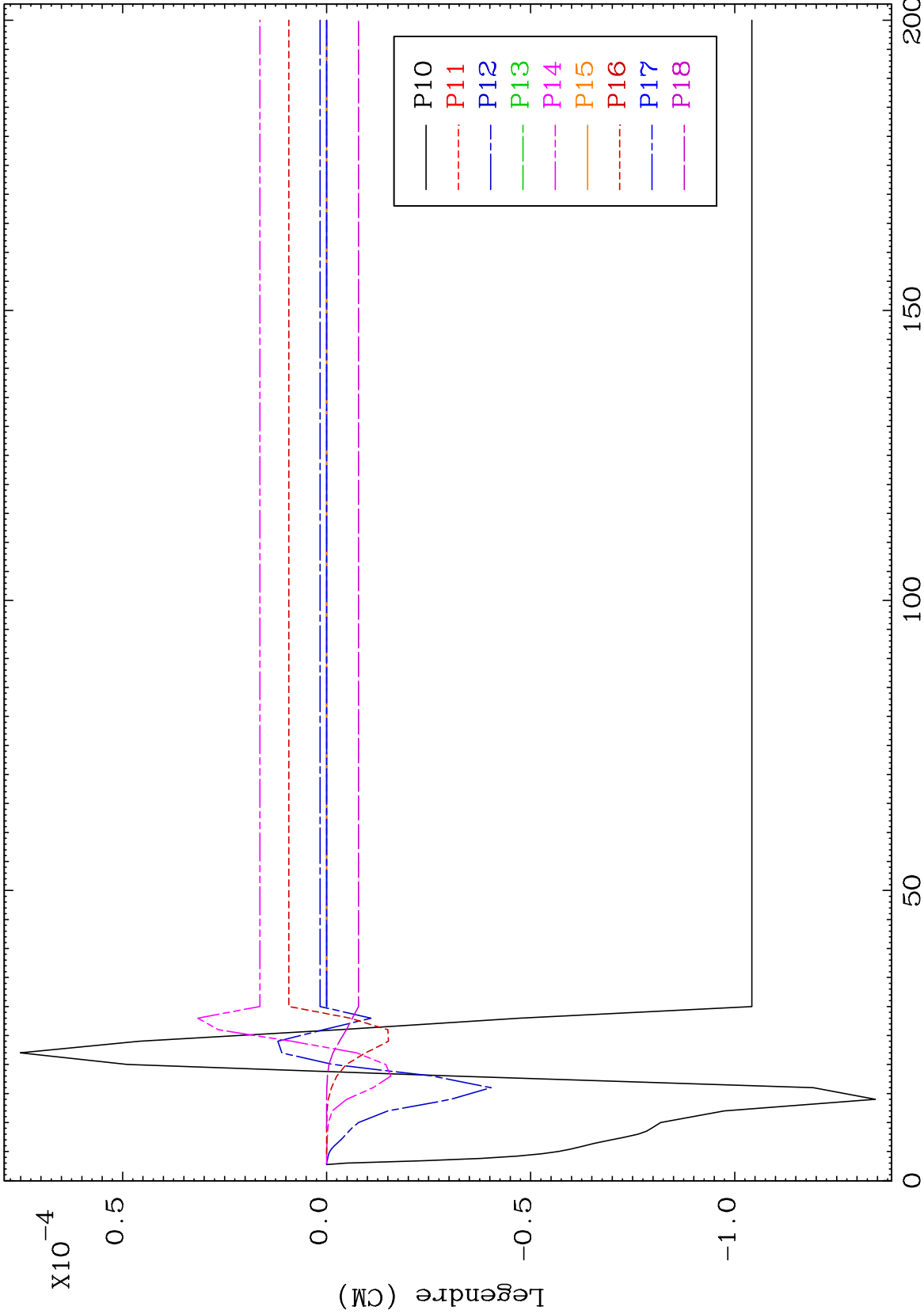
86-Rn-211



MAT 8625

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

86-Rn-211

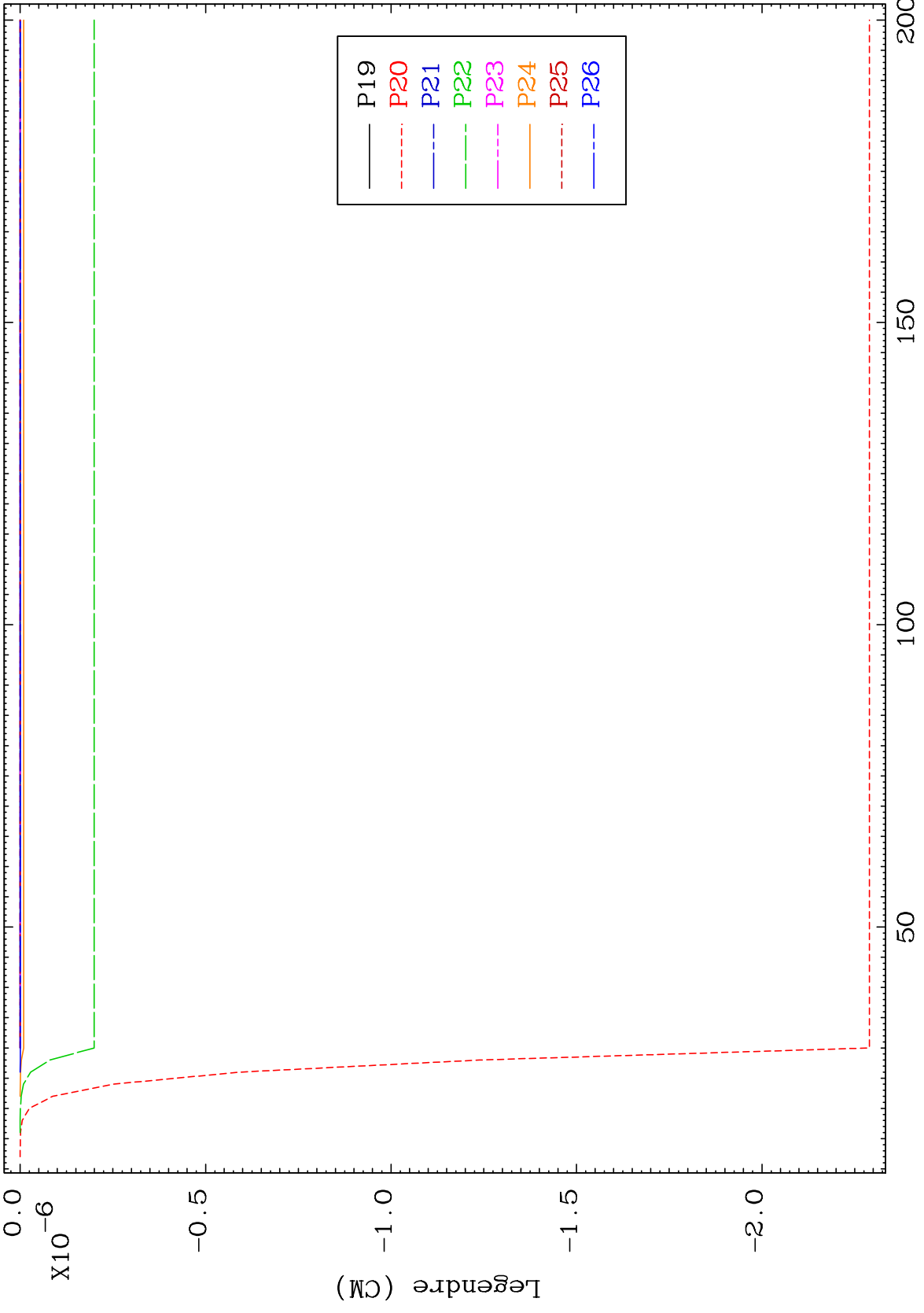


53

Incident Energy (MeV)

86-Rn-211

MAT 8625 MT= 59 (n,n') Level Legendre Coefficients 86-Rn-211

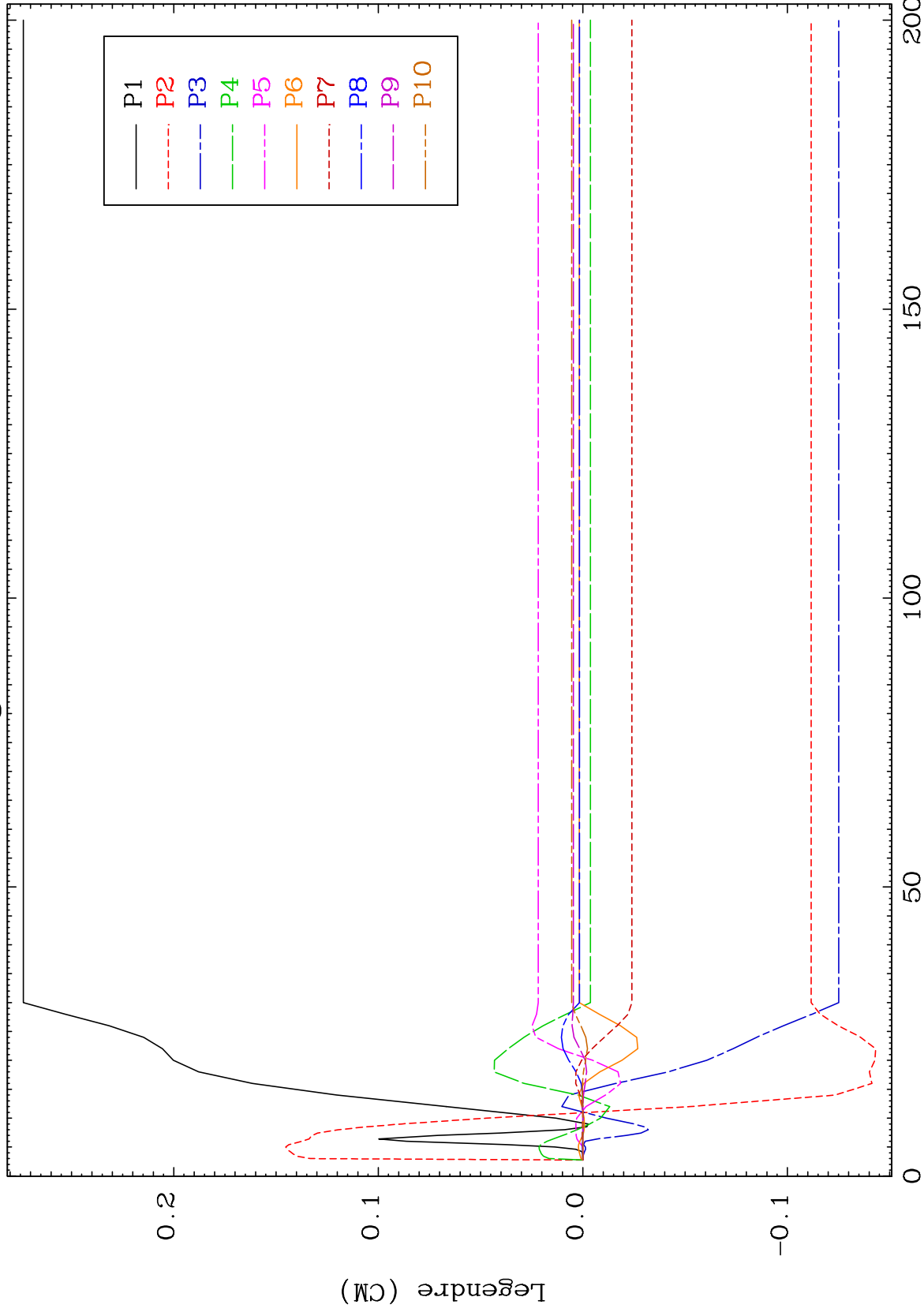


54 Incident Energy (MeV) 86-Rn-211

MAT 8625

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

86-Rn-211



55

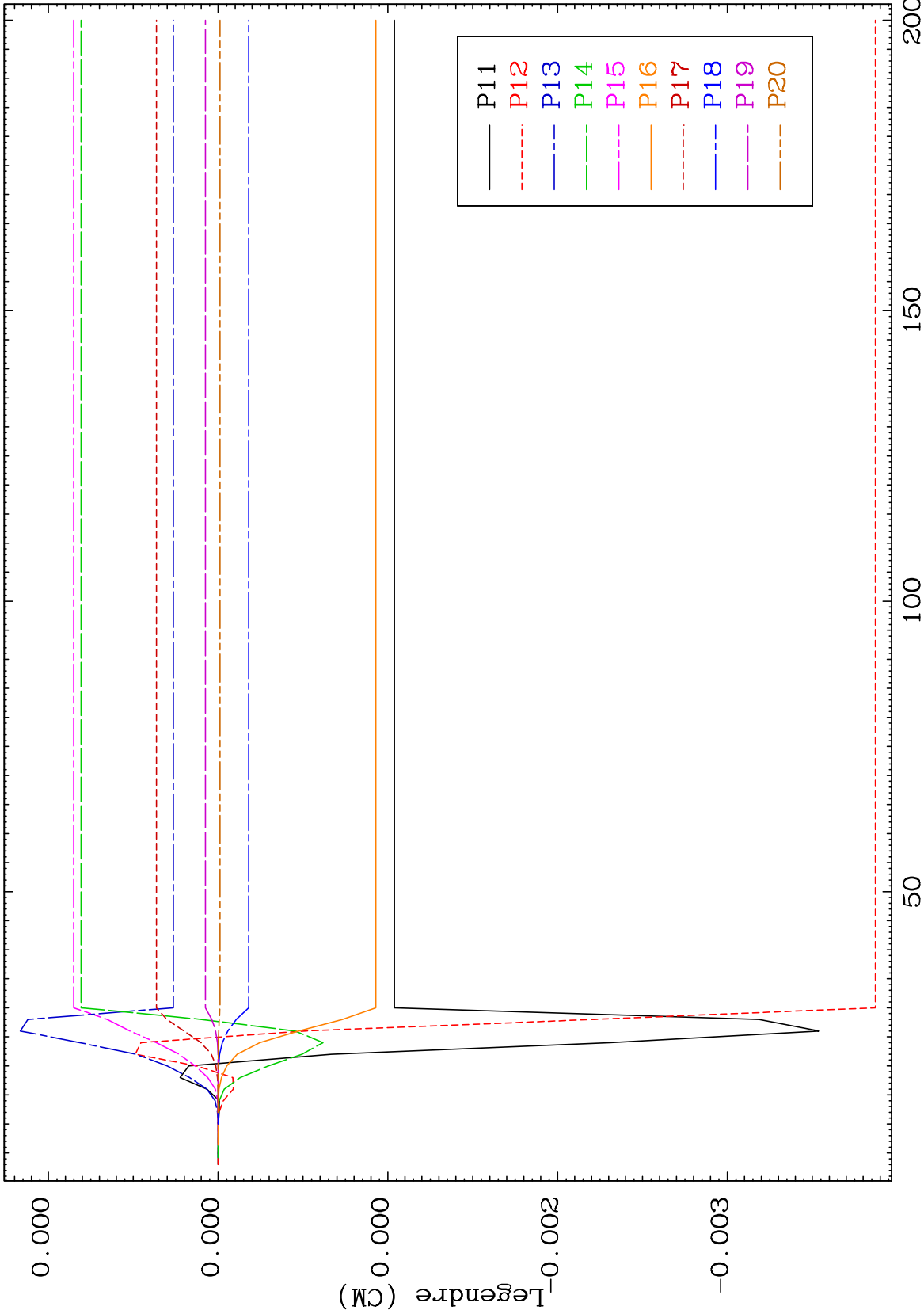
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



56

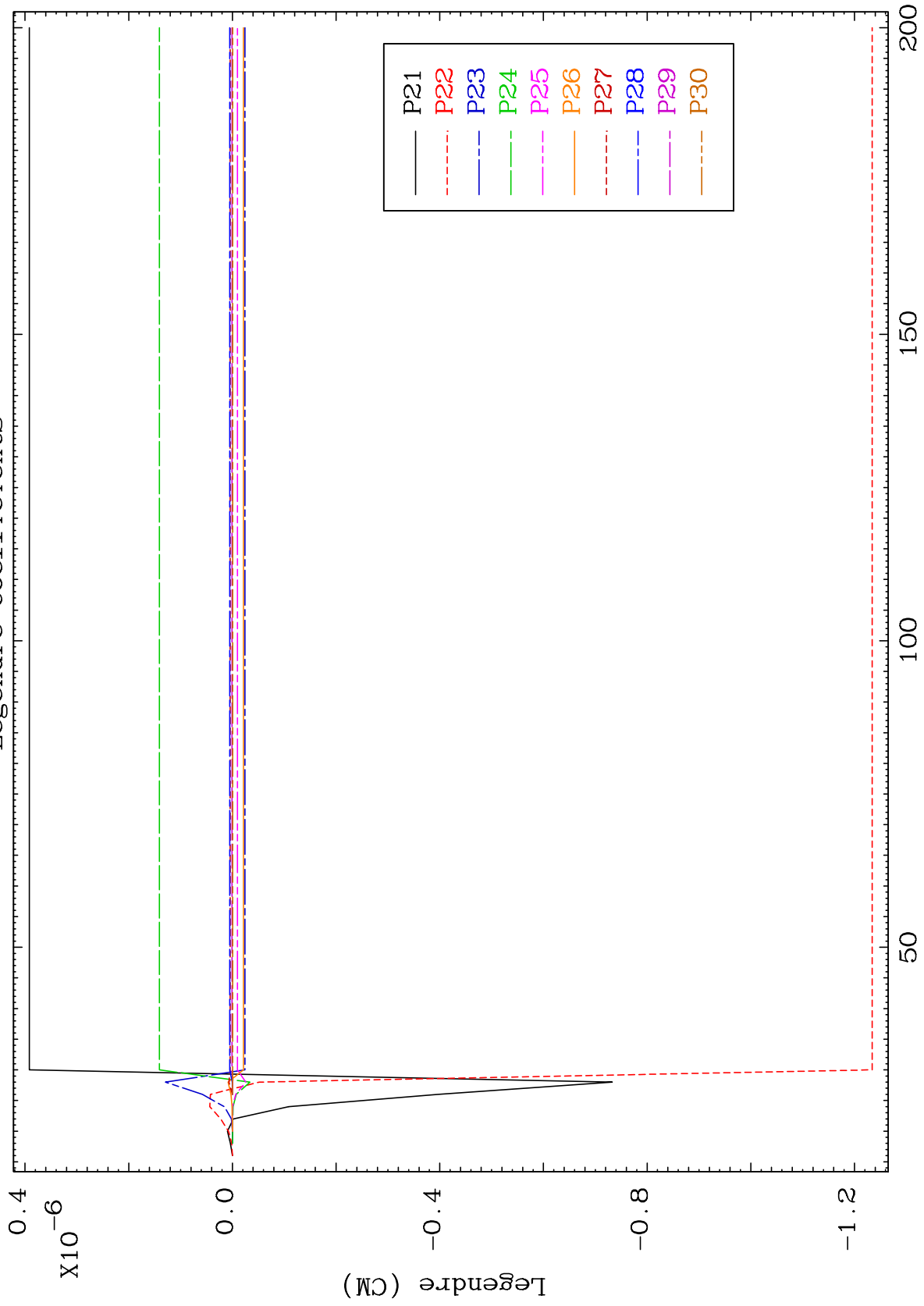
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



57

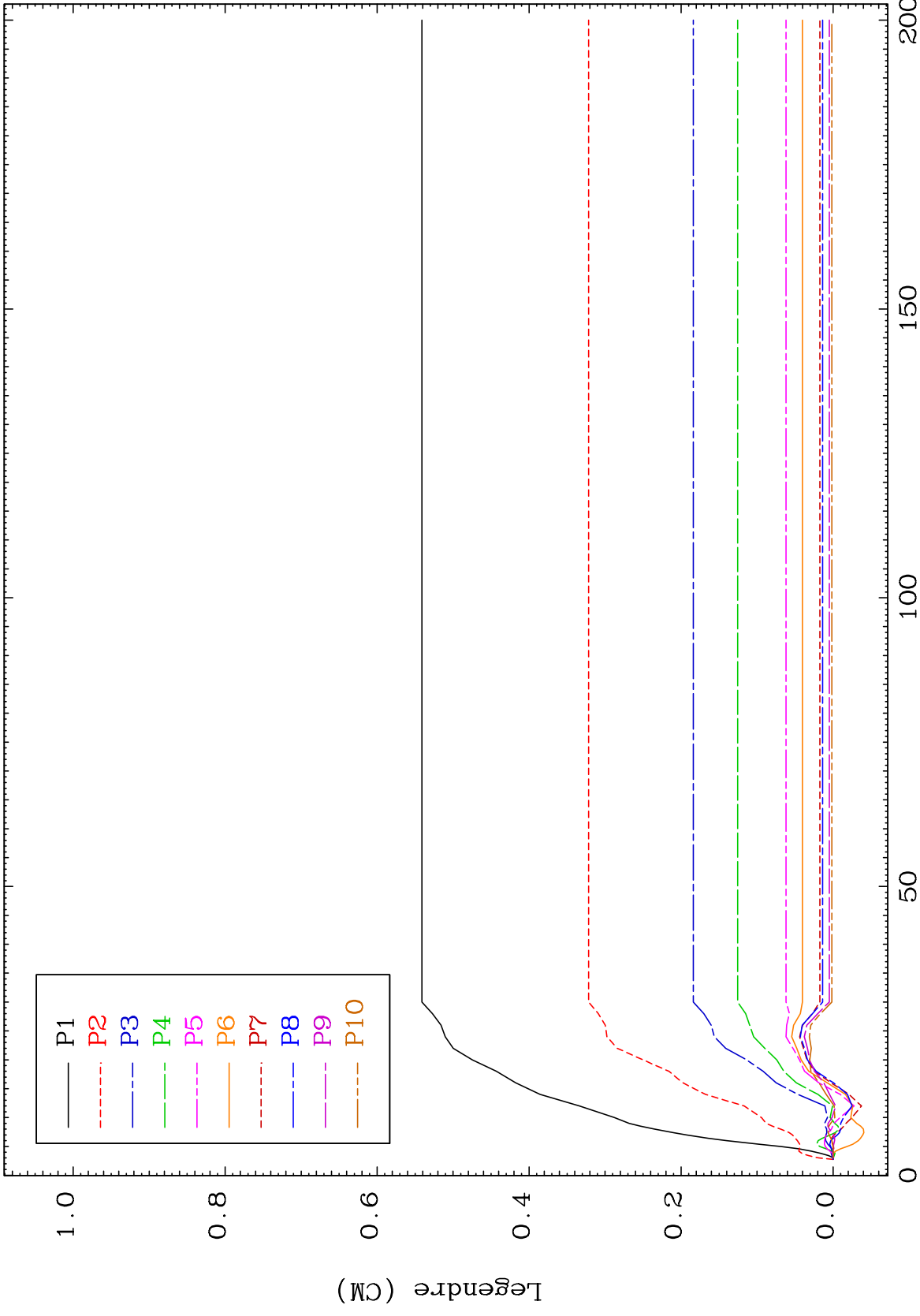
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



58

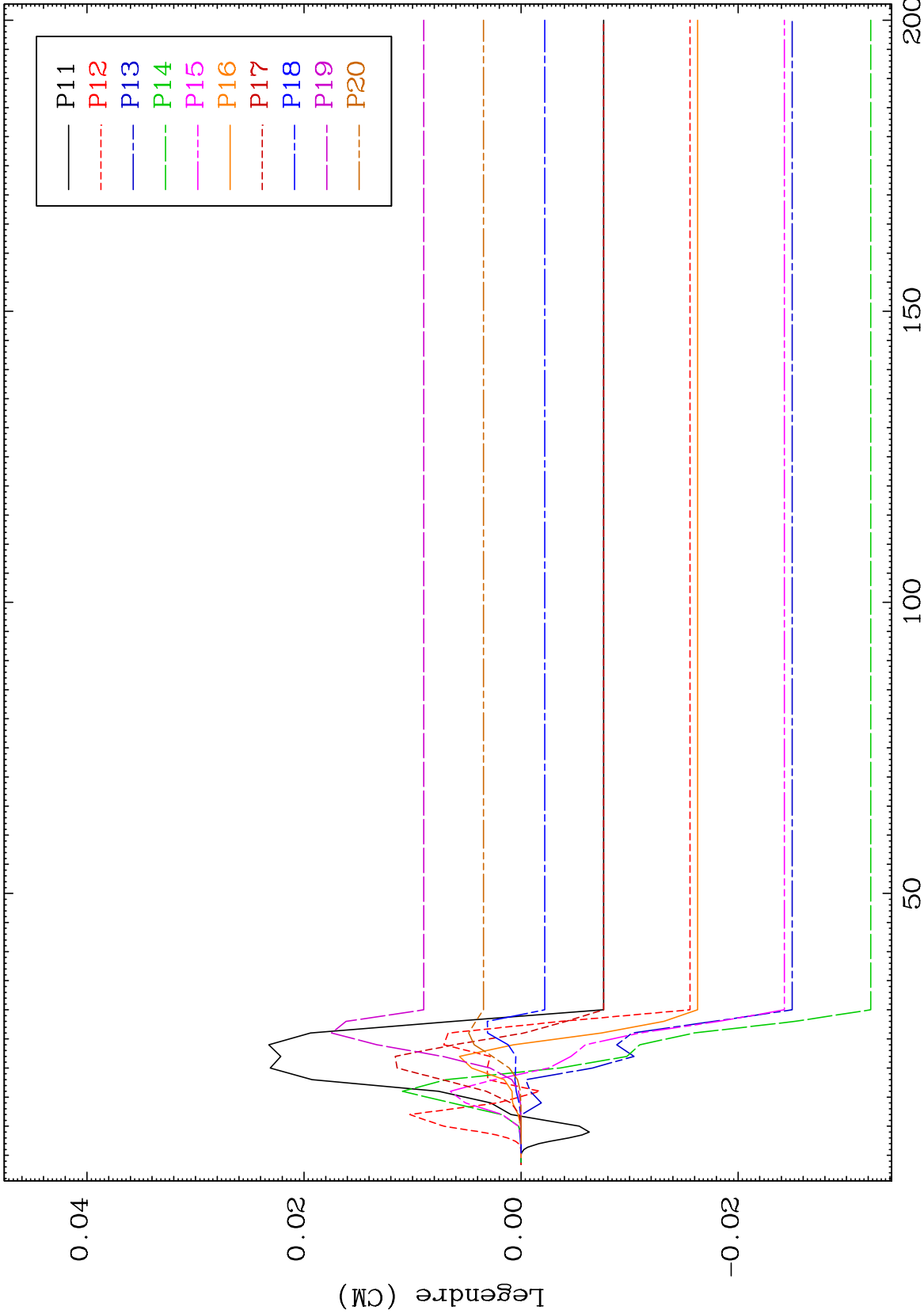
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



59

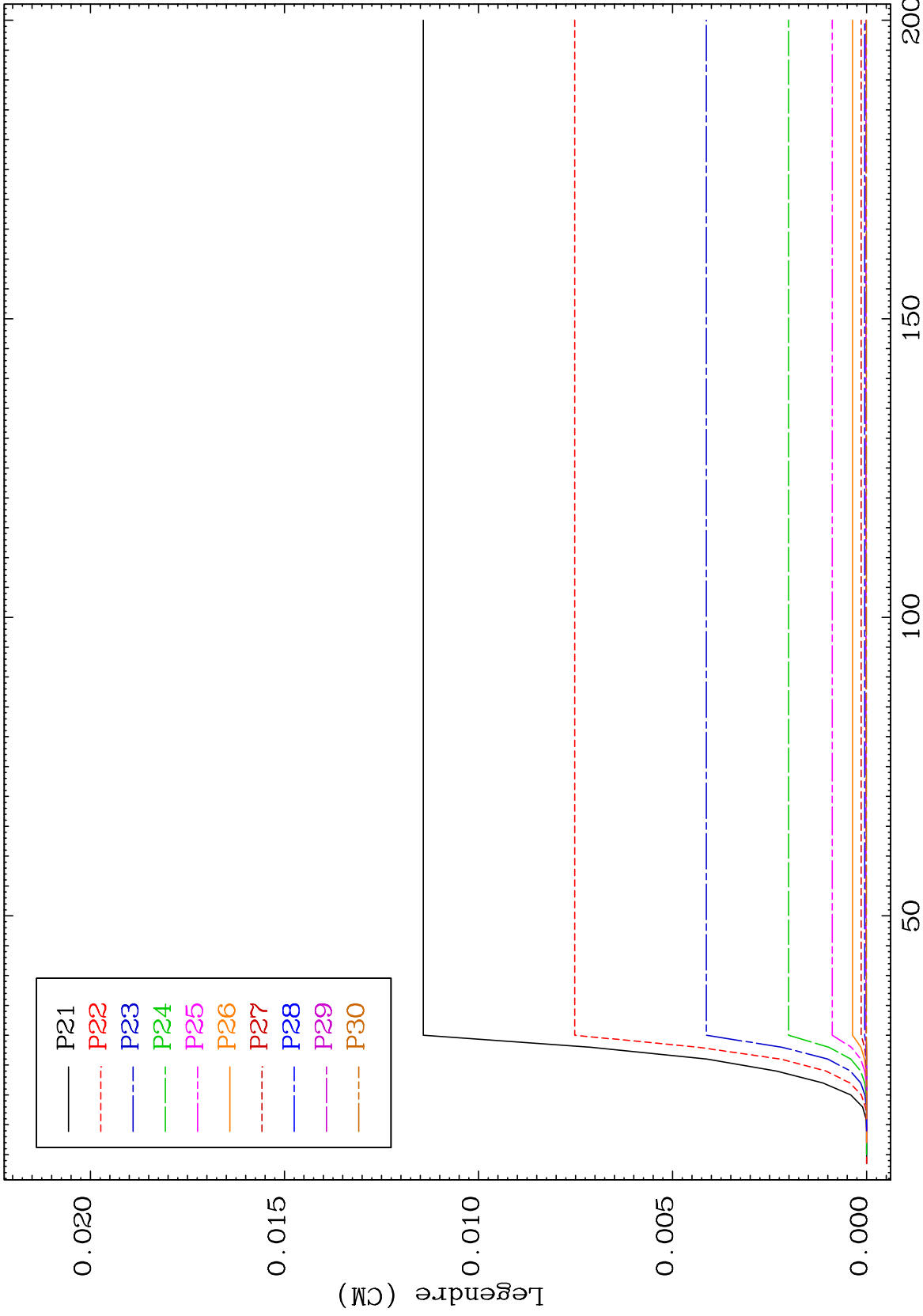
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



60

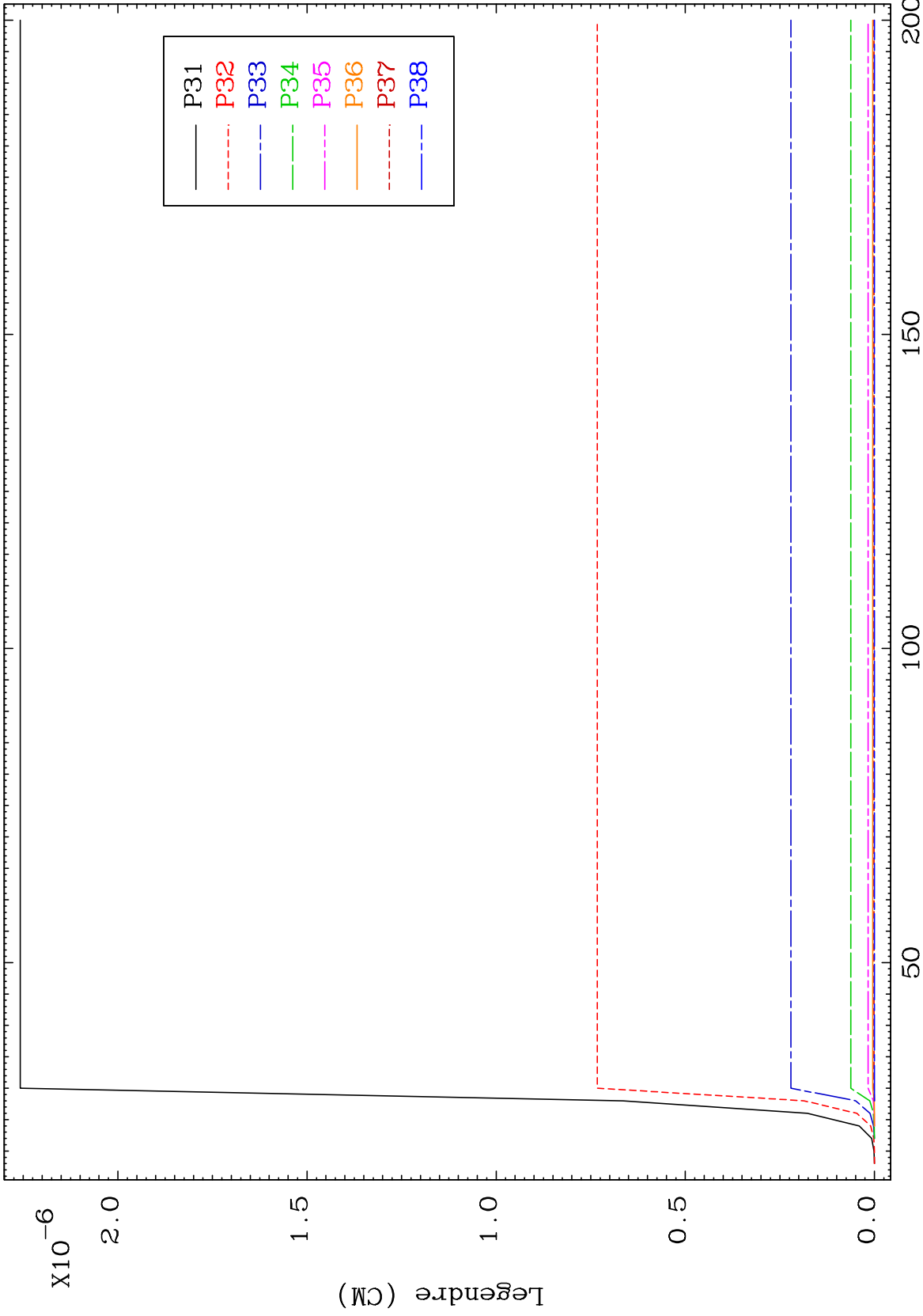
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



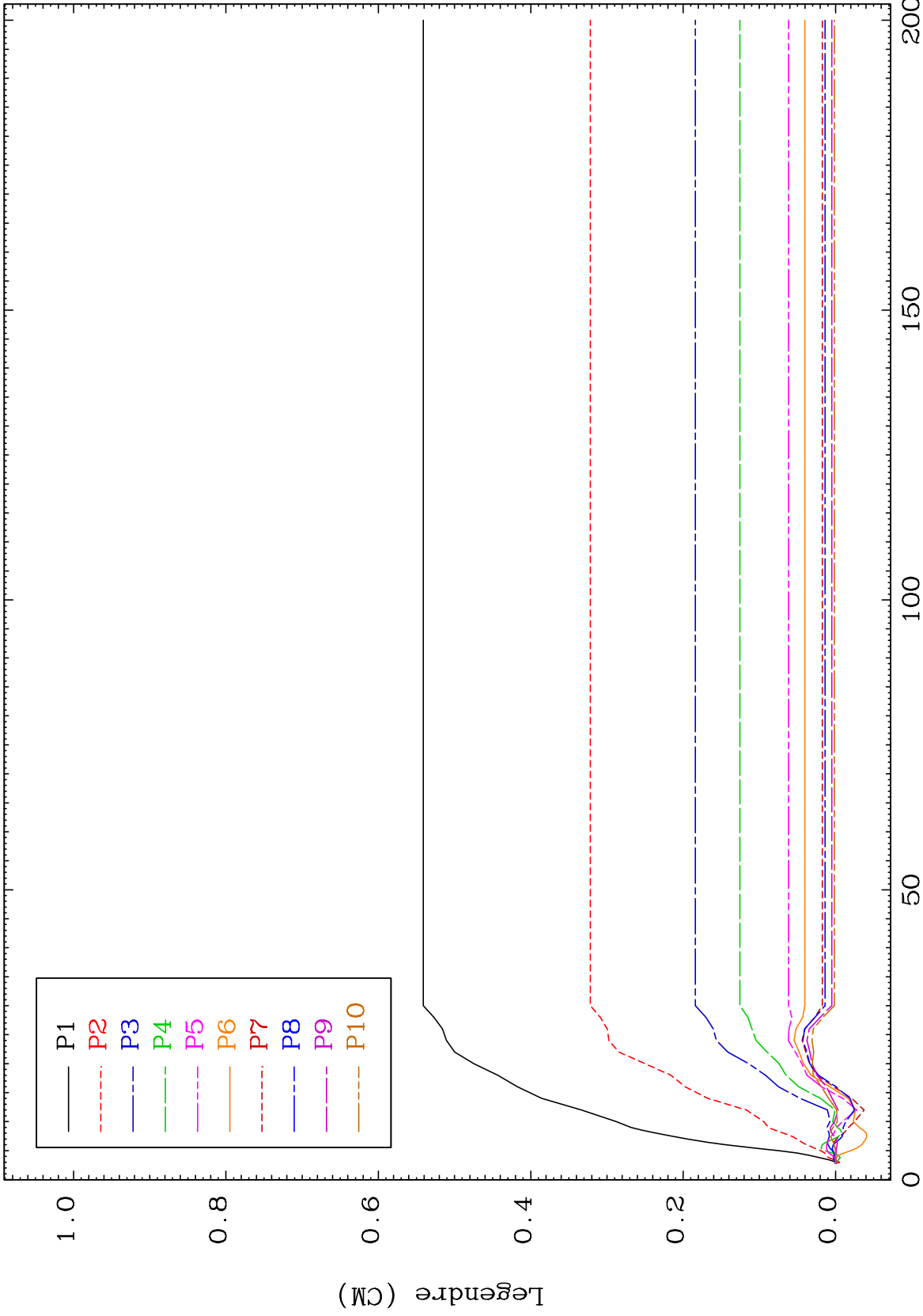
61

86-Rn-211

MAT 8625

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

86-Rn-211



62

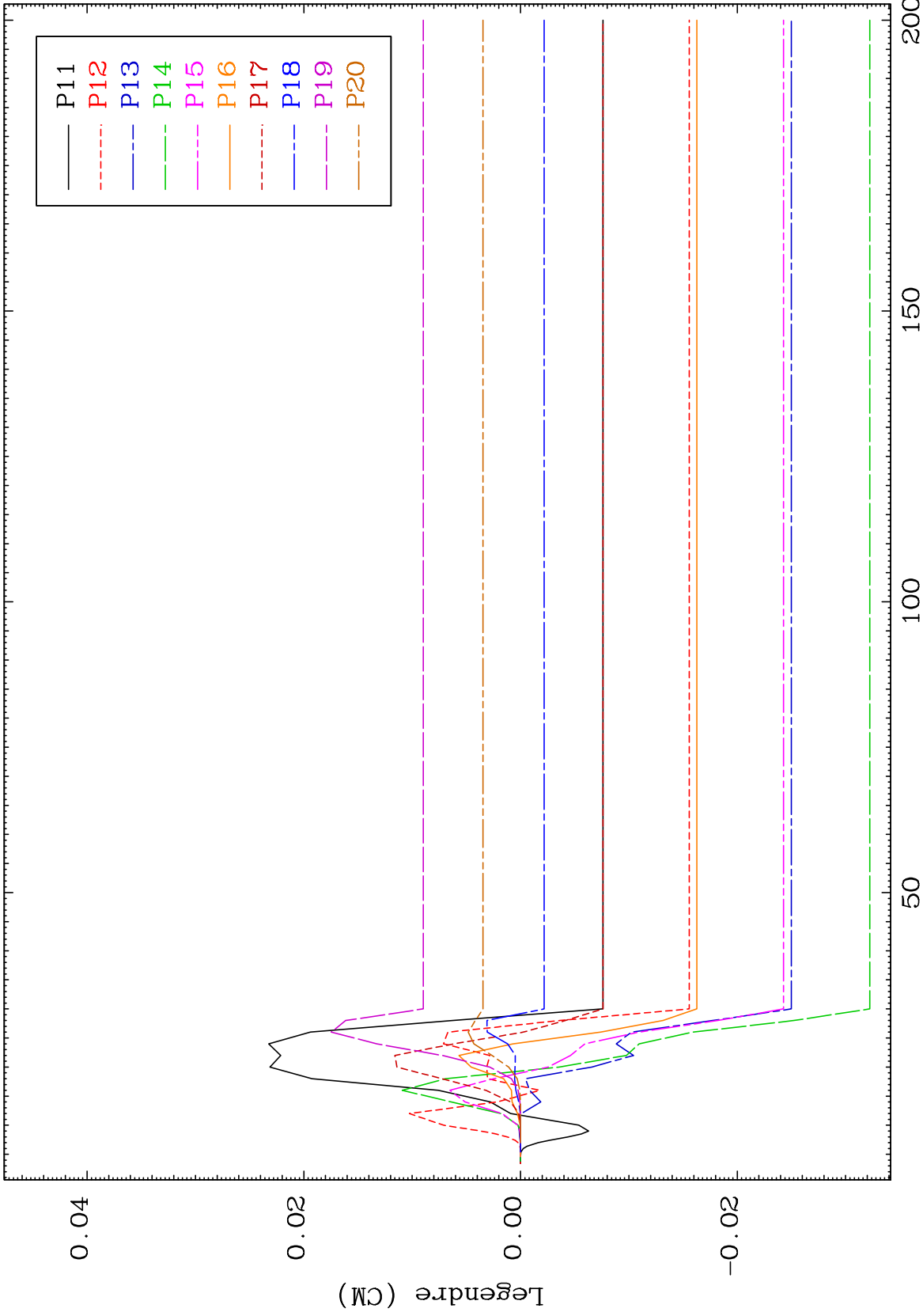
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



63

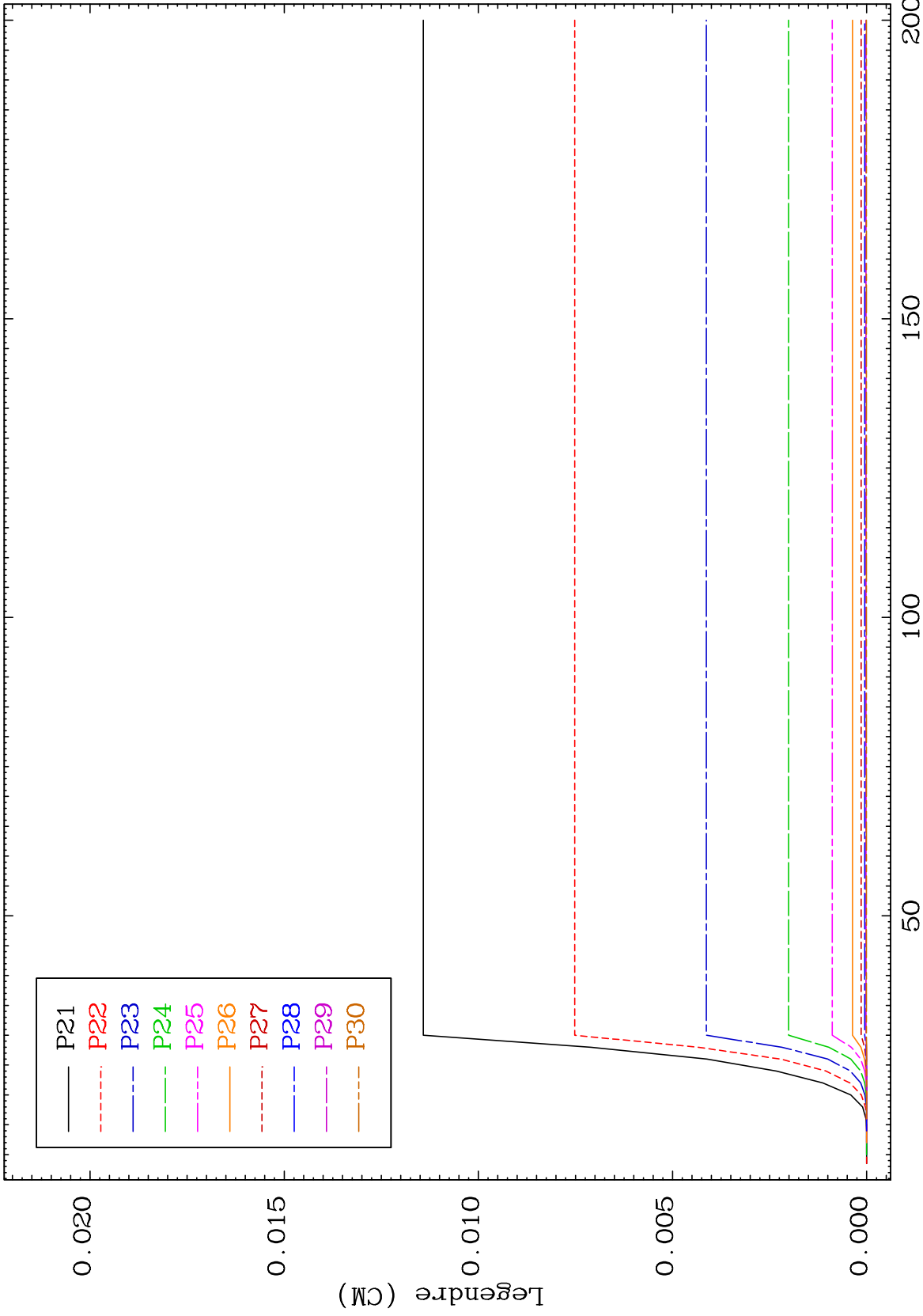
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



64

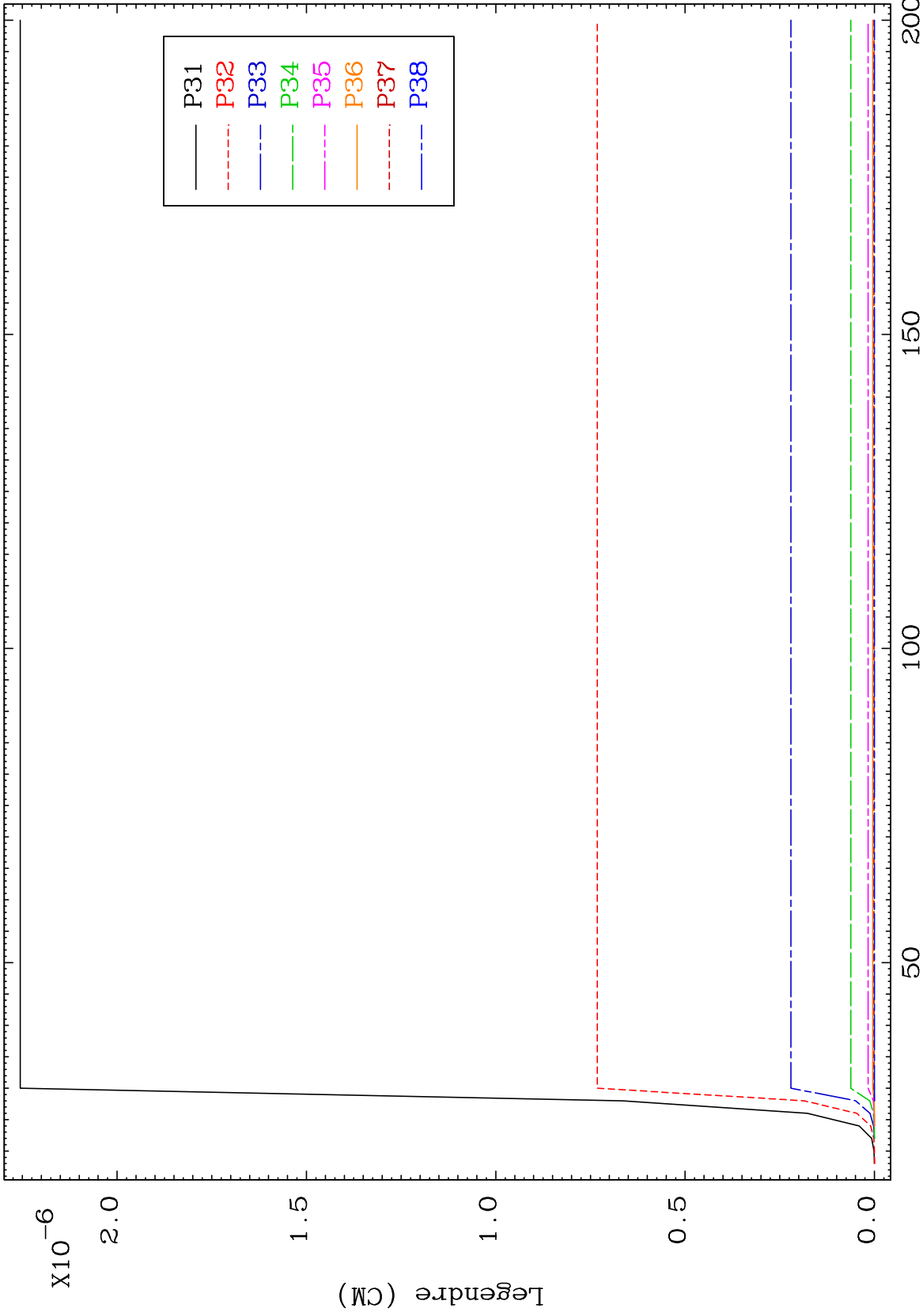
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



65

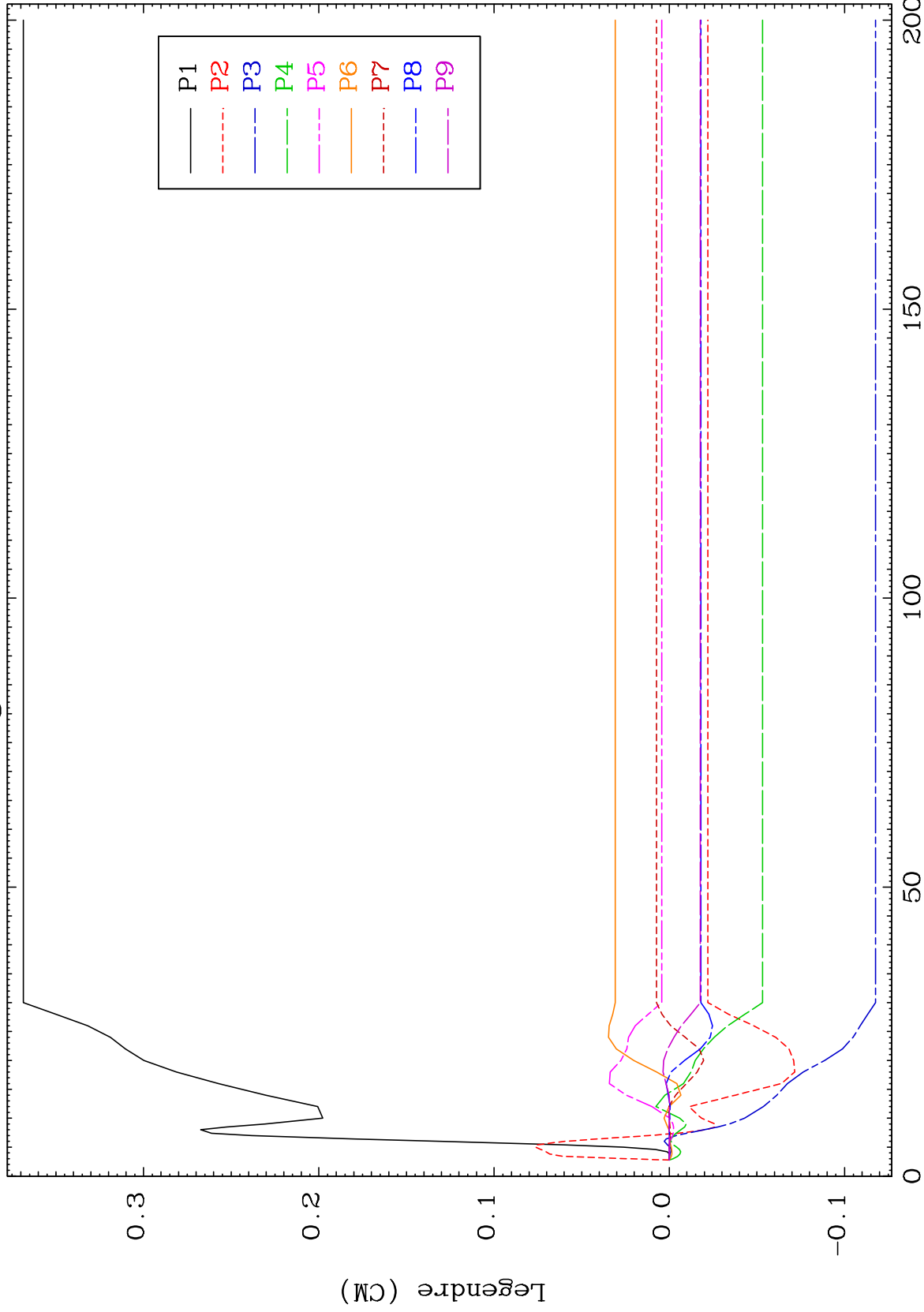
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



66

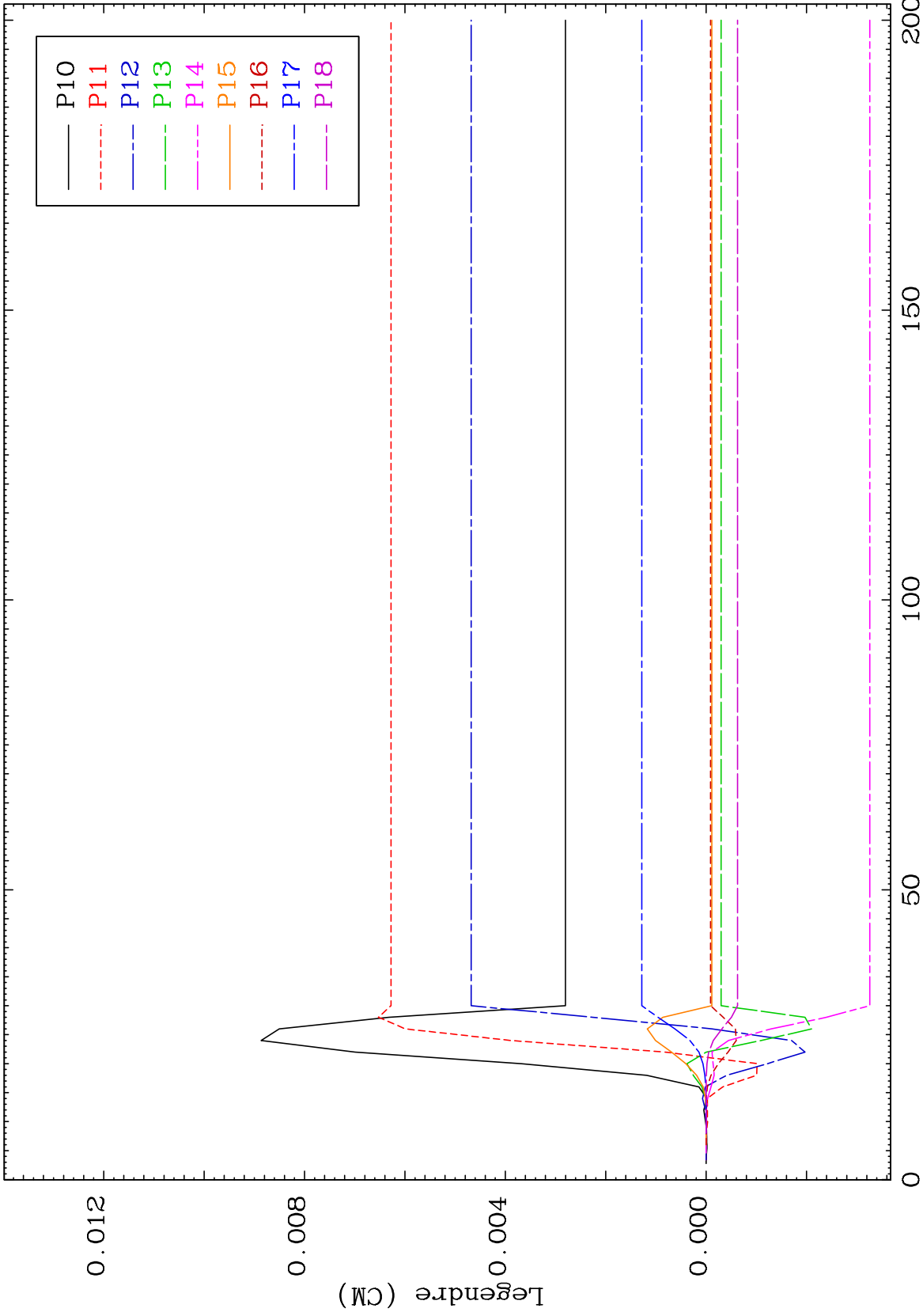
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



67

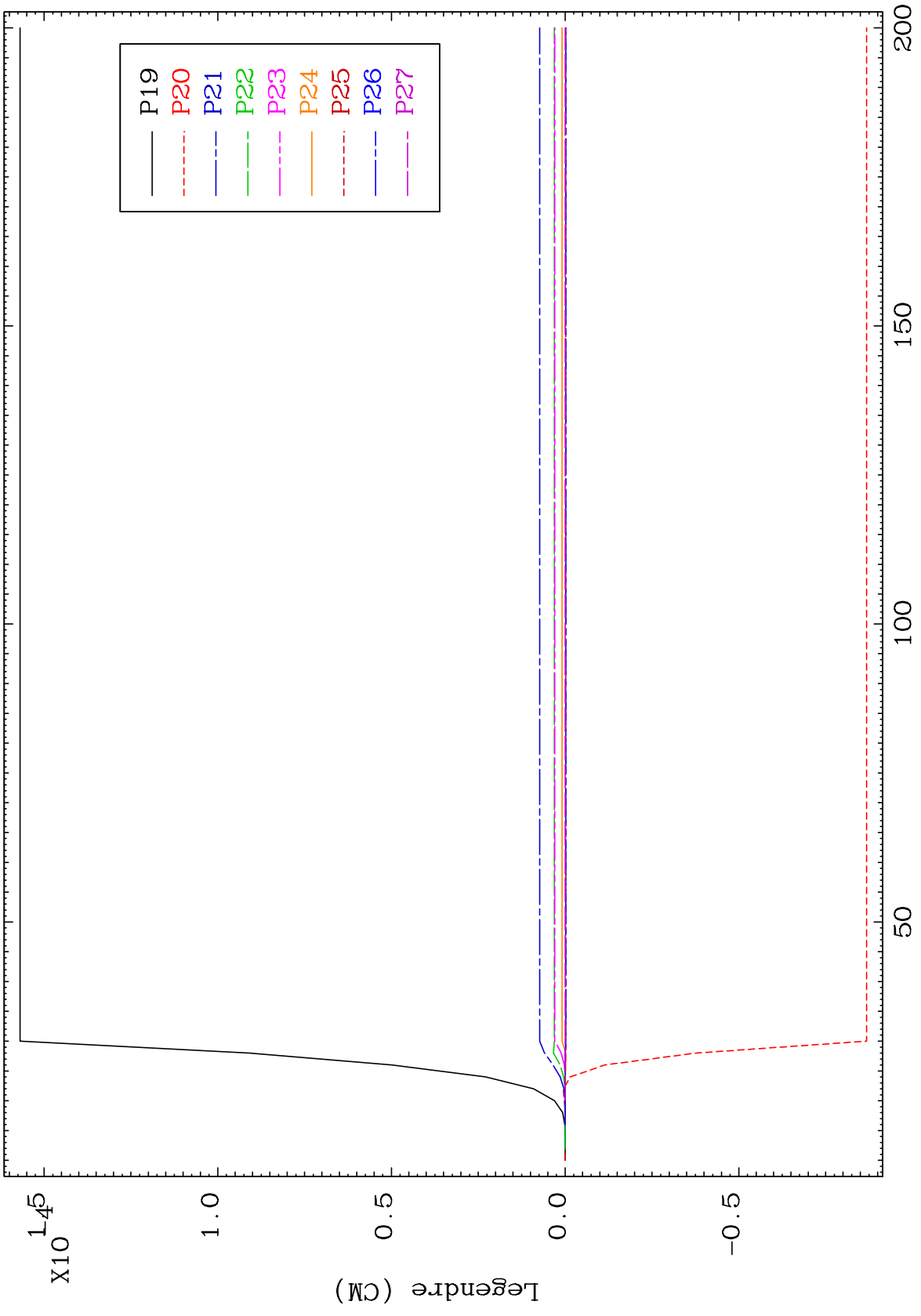
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211

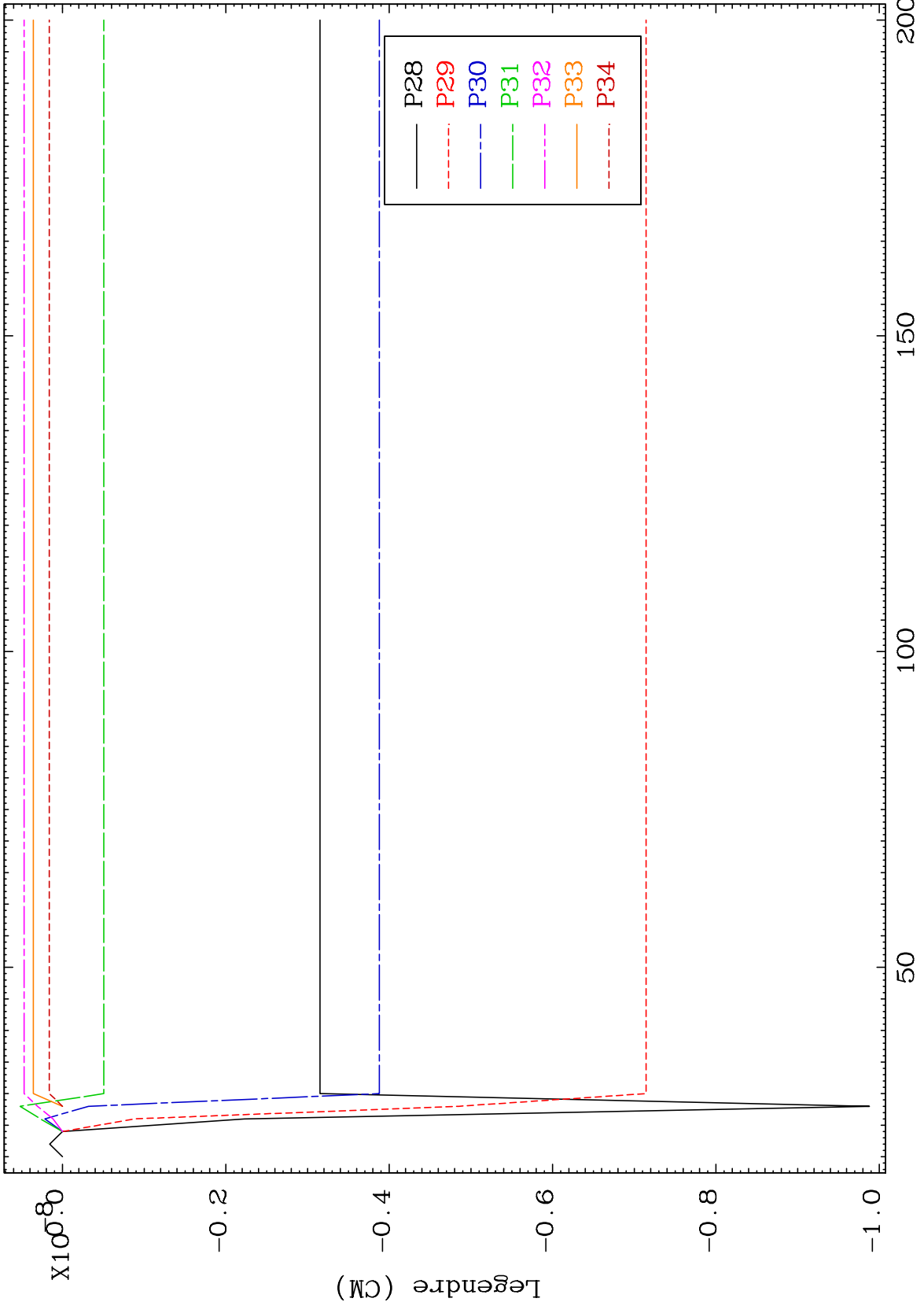


68

Incident Energy (MeV)

86-Rn-211

MAT 8625 MT= 63 (n,n') Level Legendre Coefficients 86-Rn-211

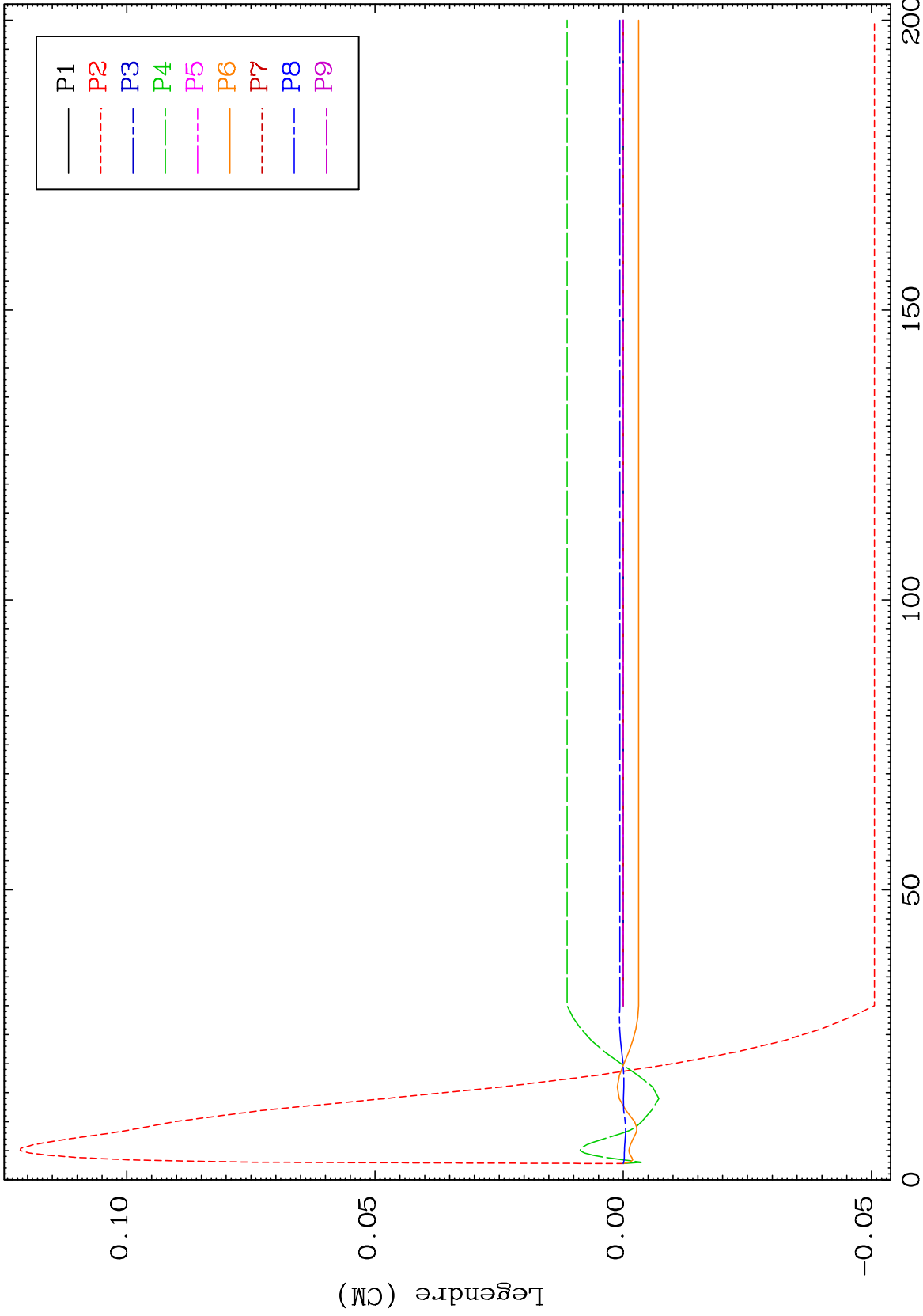


69 86-Rn-211

MAT 8625

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

86-Rn-211



86-Rn-211

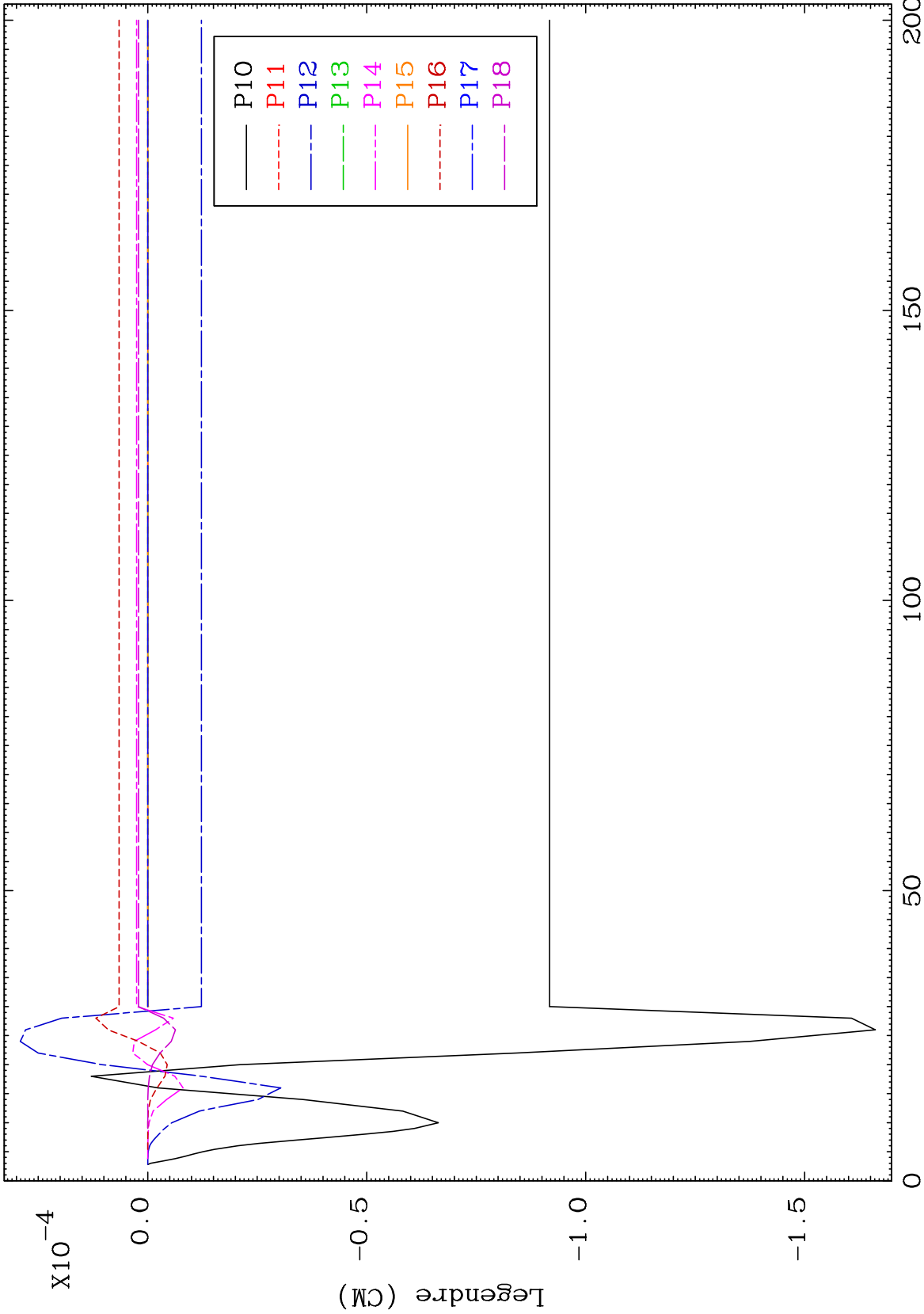
Incident Energy (MeV)

70

MAT 8625

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

86-Rn-211

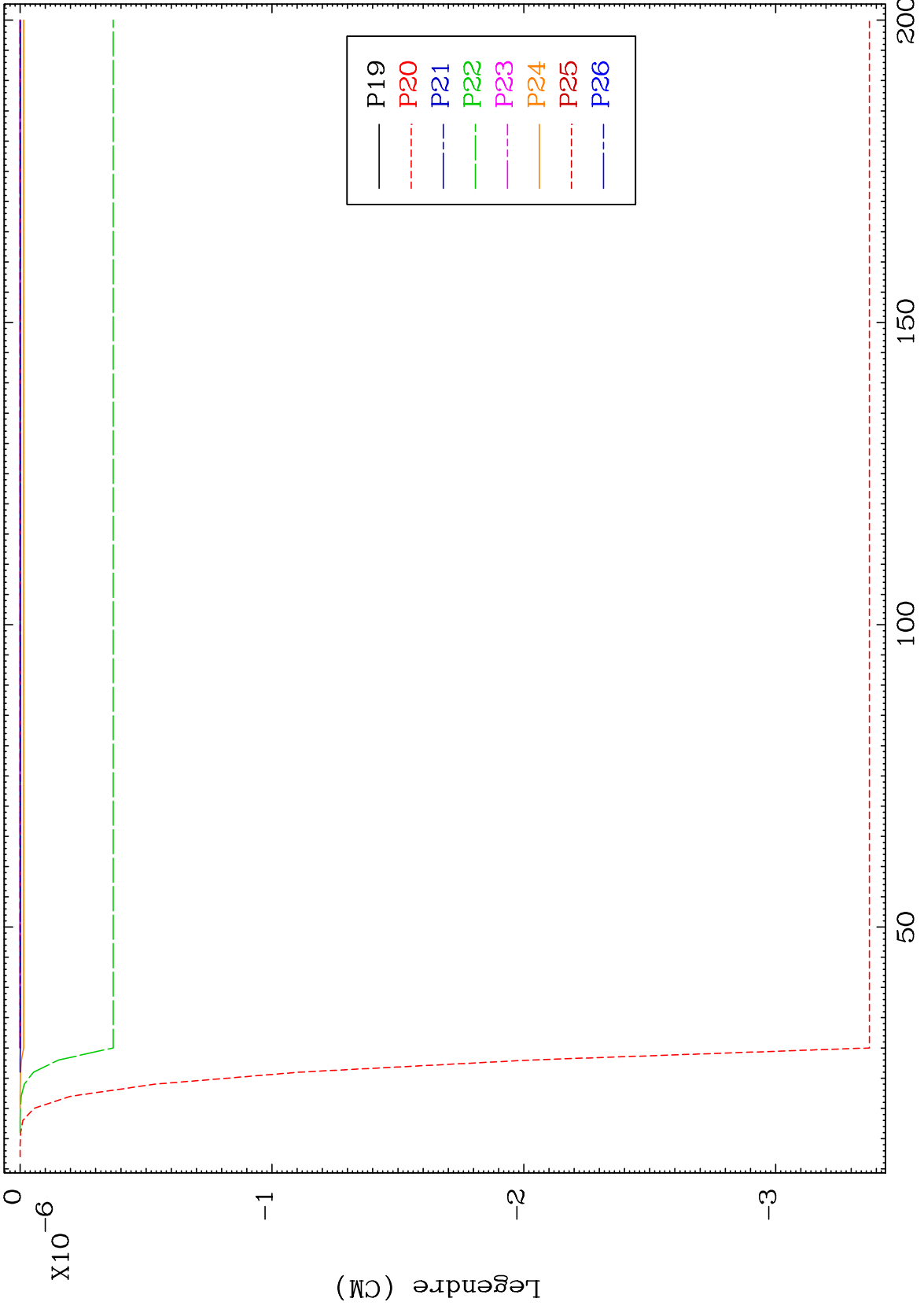


71

Incident Energy (MeV)

86-Rn-211

MAT 8625 MT= 64 (n,n') Level Legendre Coefficients 86-Rn-211

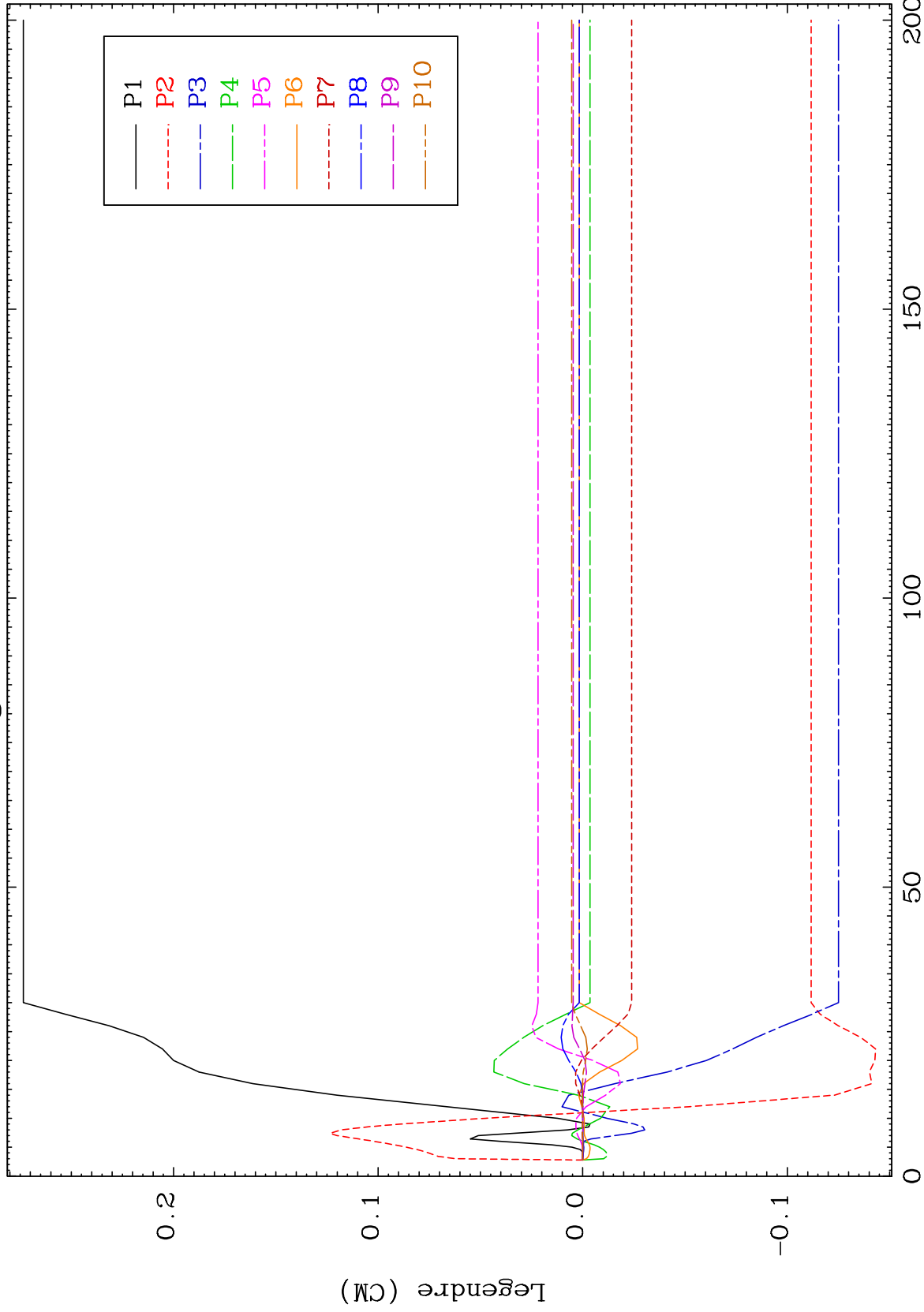


72 86-Rn-211

MAT 8625

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

86-Rn-211



73

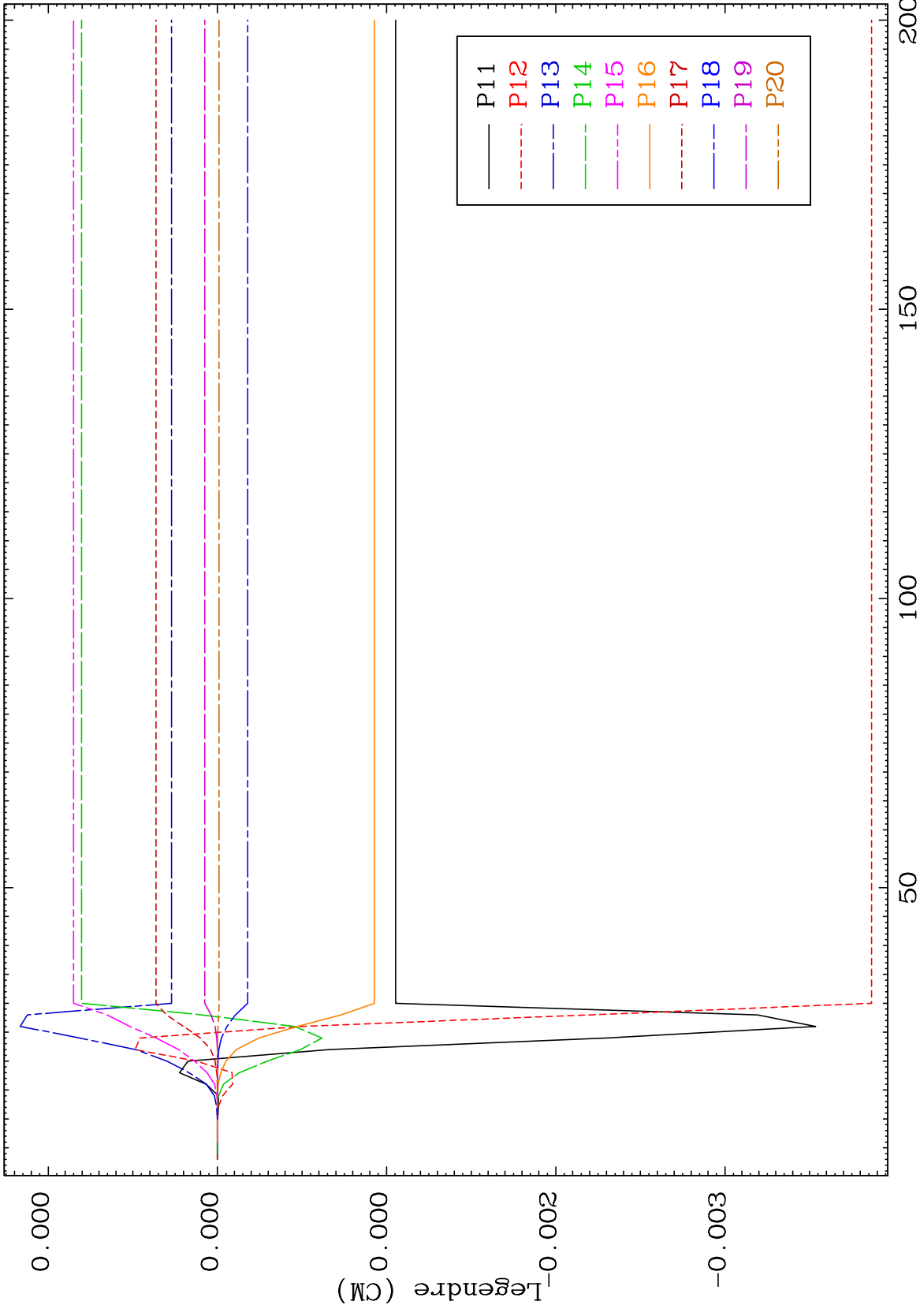
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



74

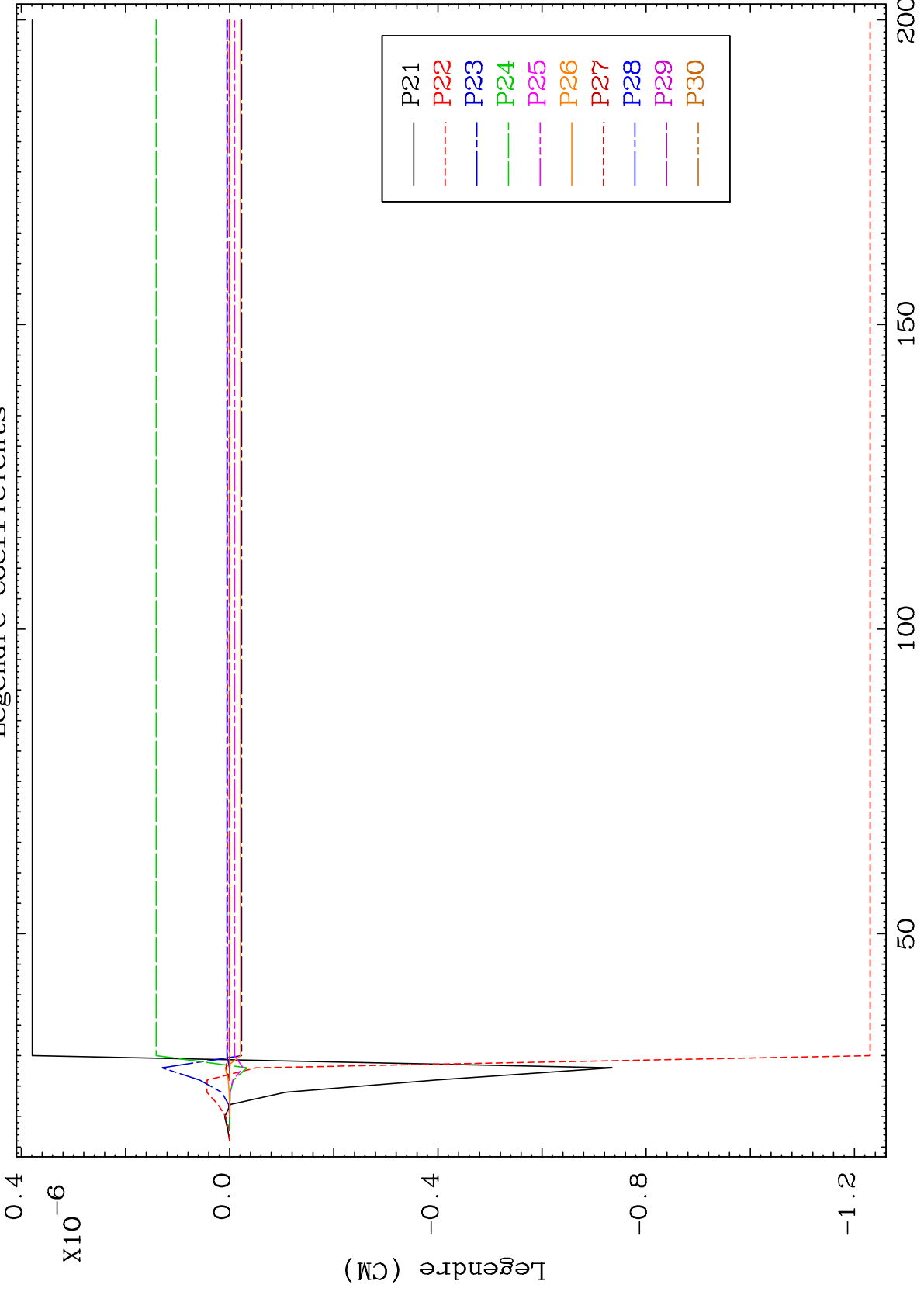
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

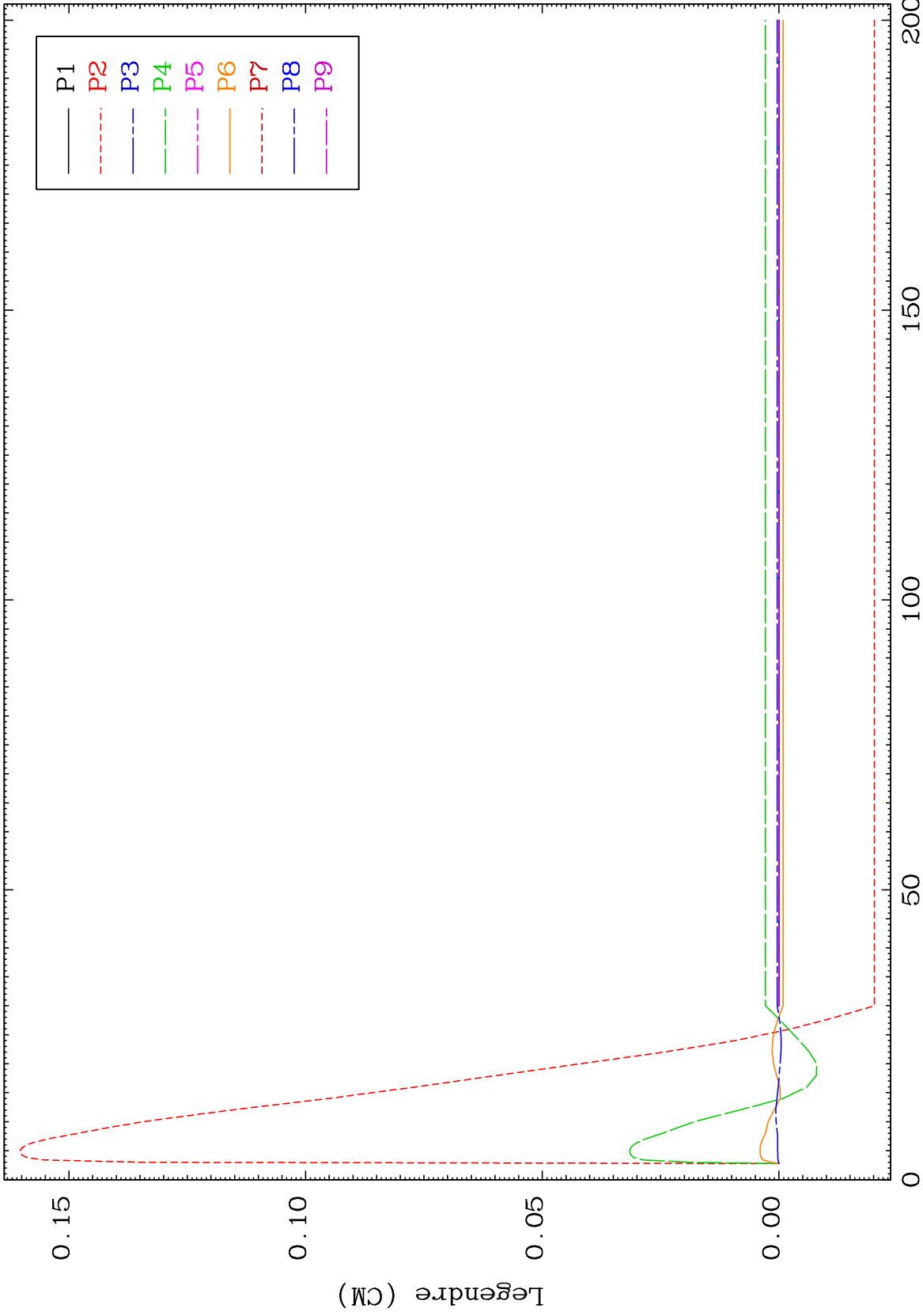
86-Rn-211



MAT 8625

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

86-Rn-211



76

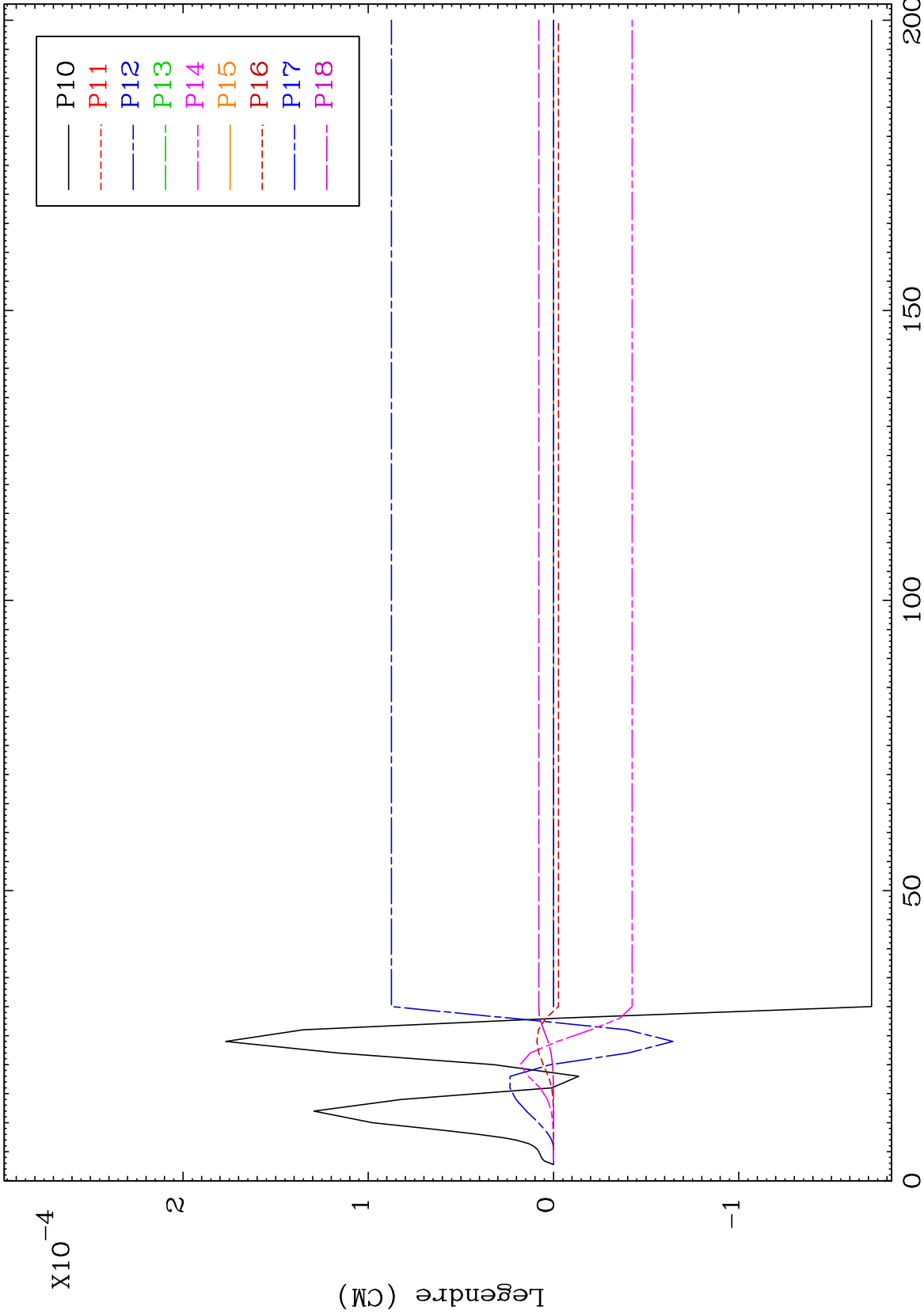
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211

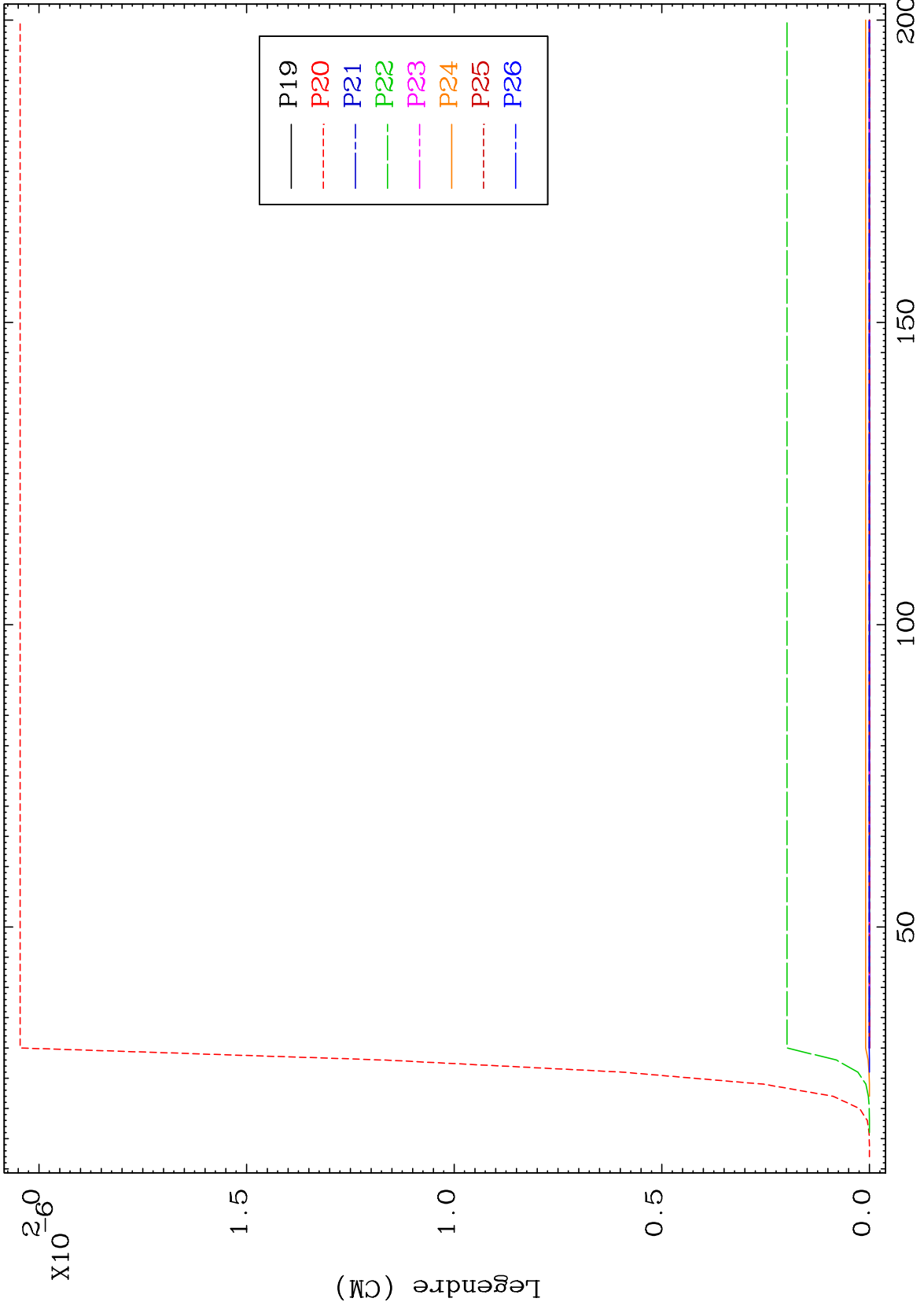


77

Incident Energy (MeV)

86-Rn-211

MAT 8625 MT= 66 (n,n') Level Legendre Coefficients 86-Rn-211

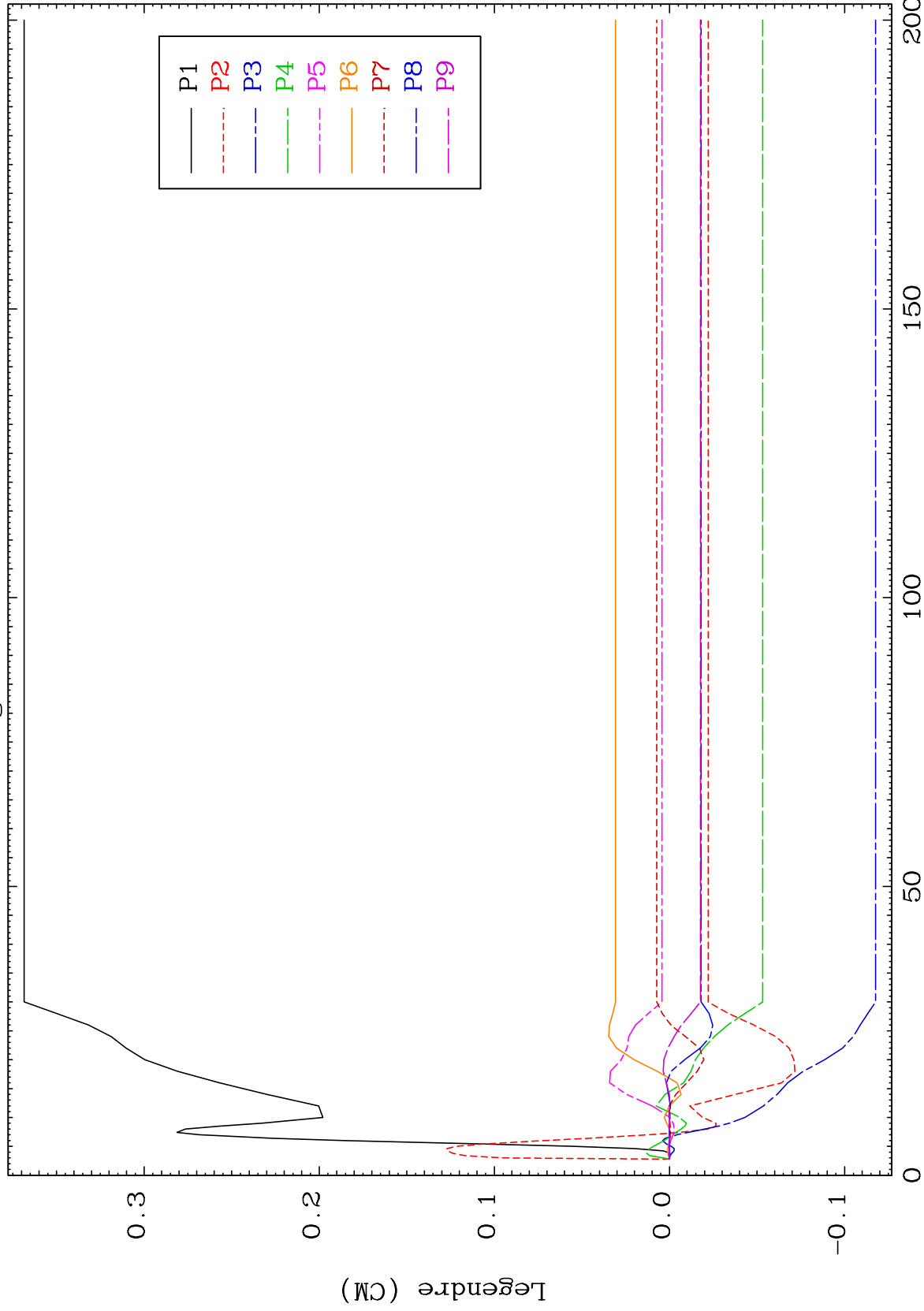


78 Incident Energy (MeV) 86-Rn-211

MAT 8625

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

86-Rn-211



79

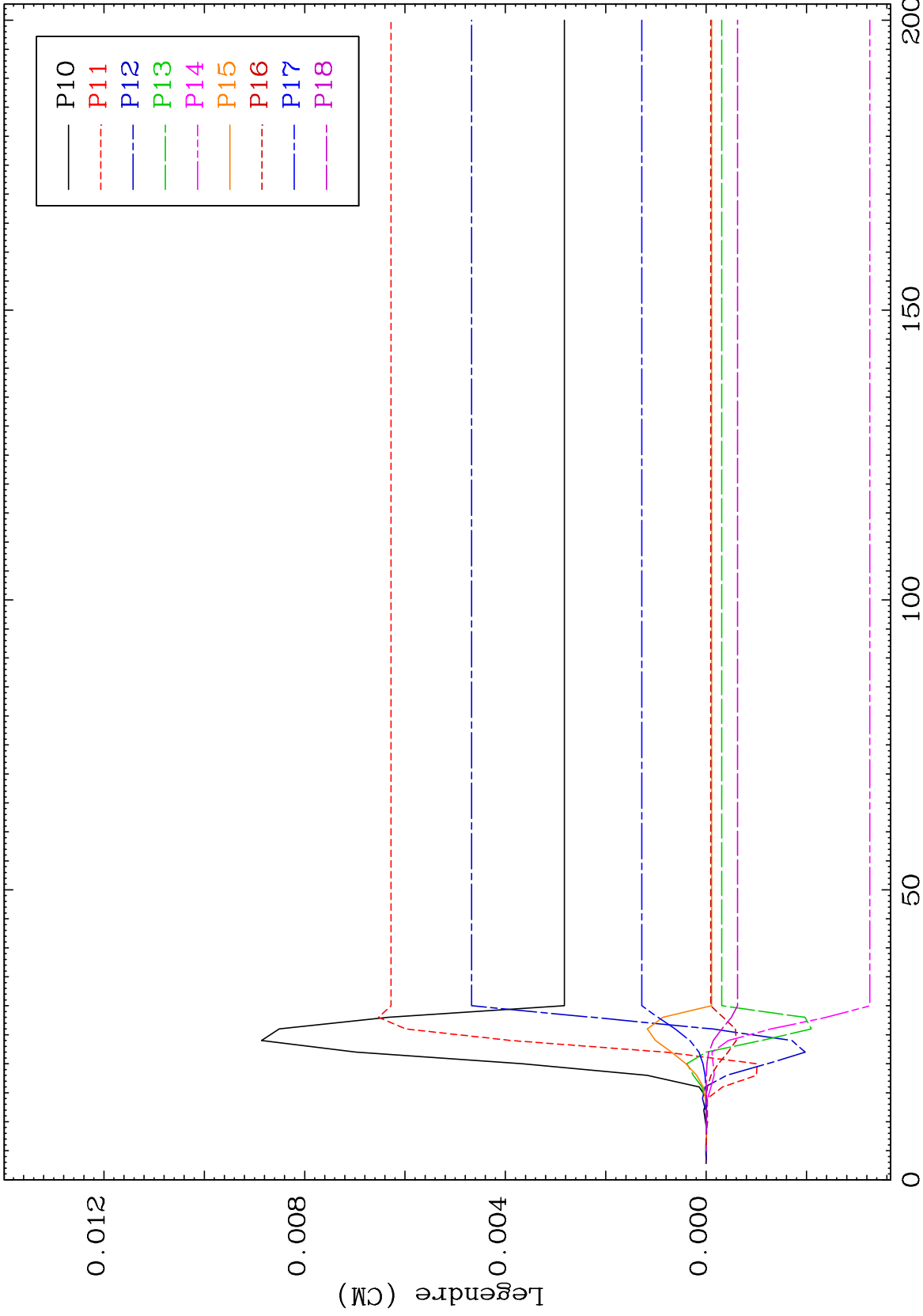
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



80

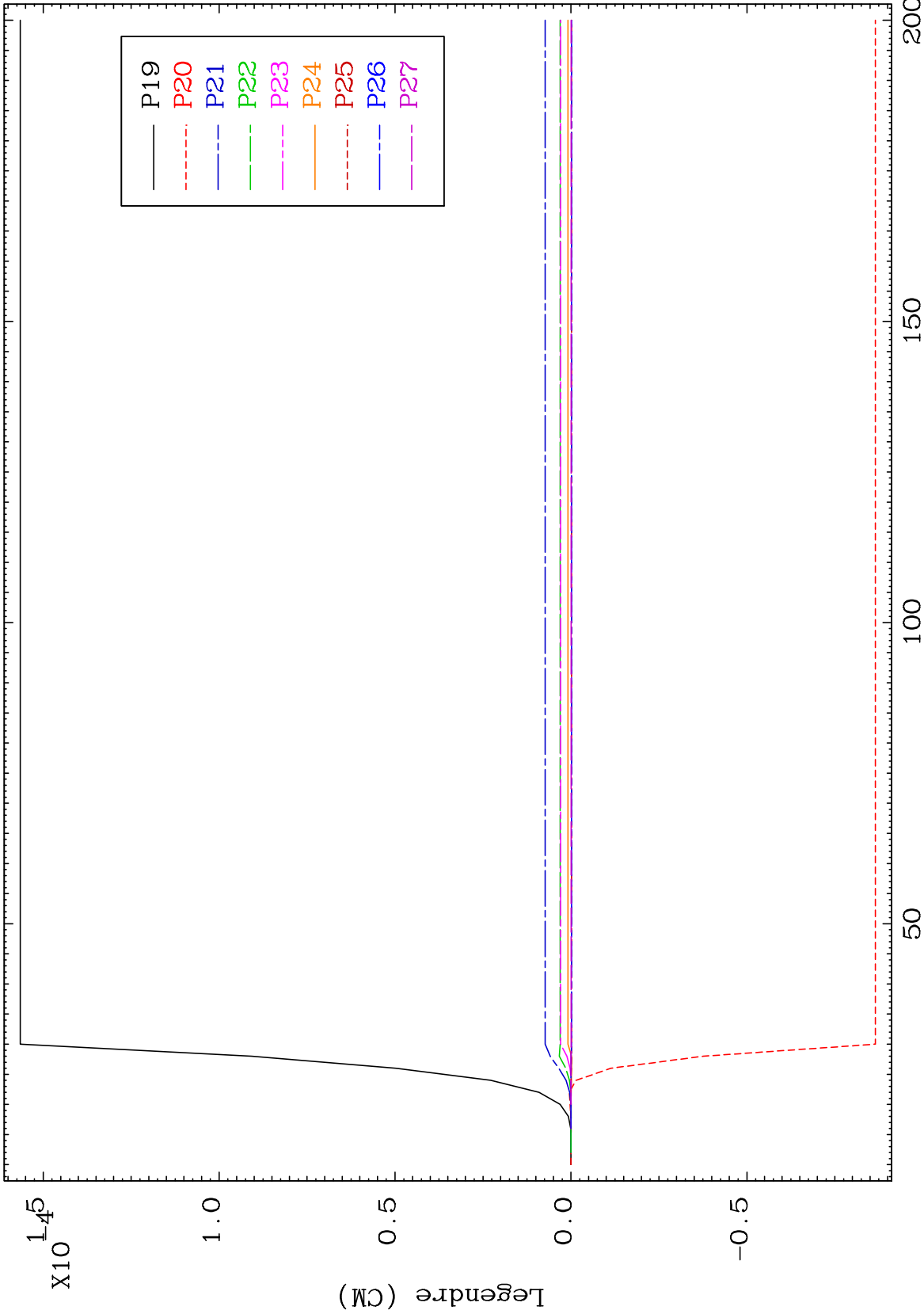
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



81

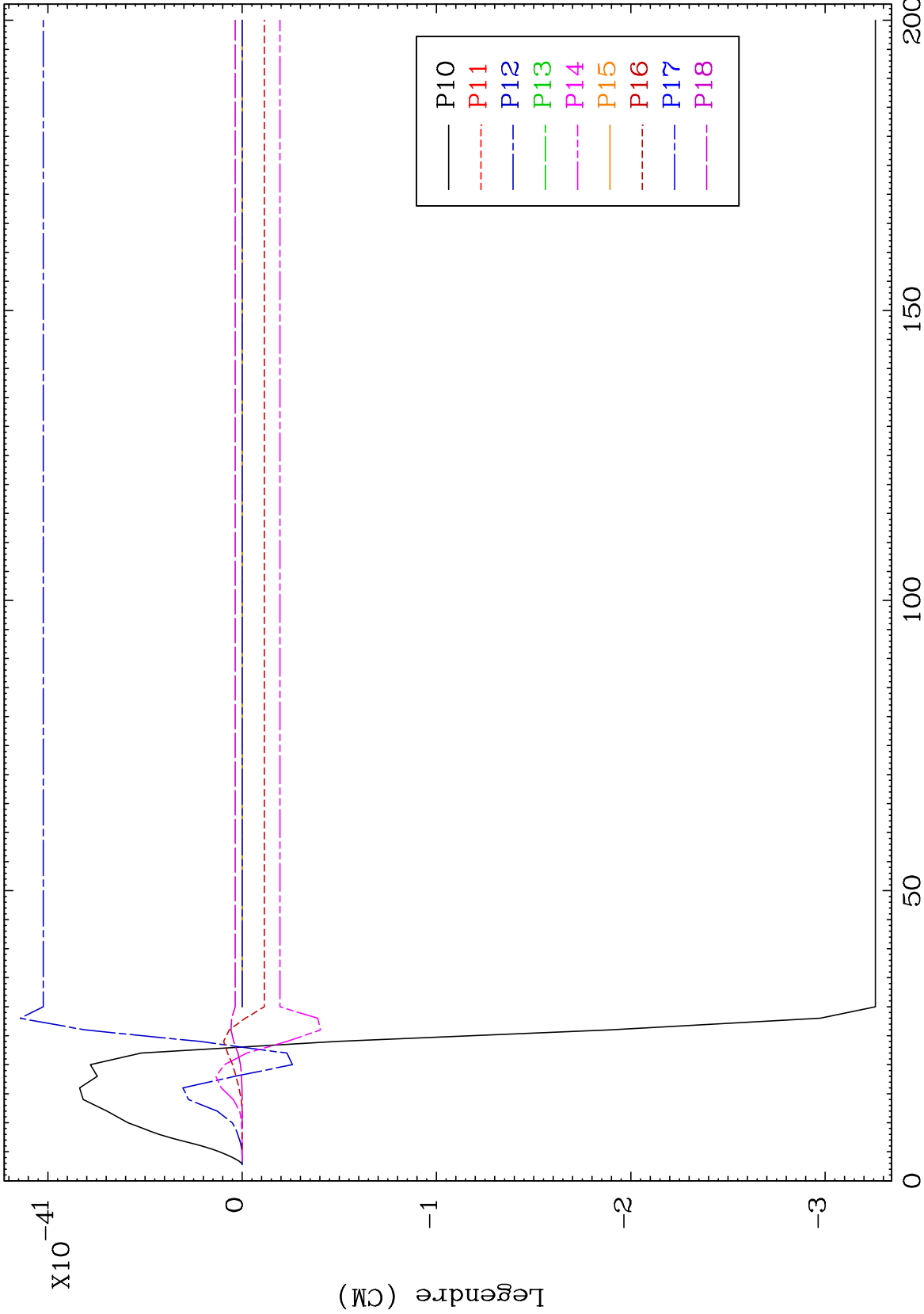
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

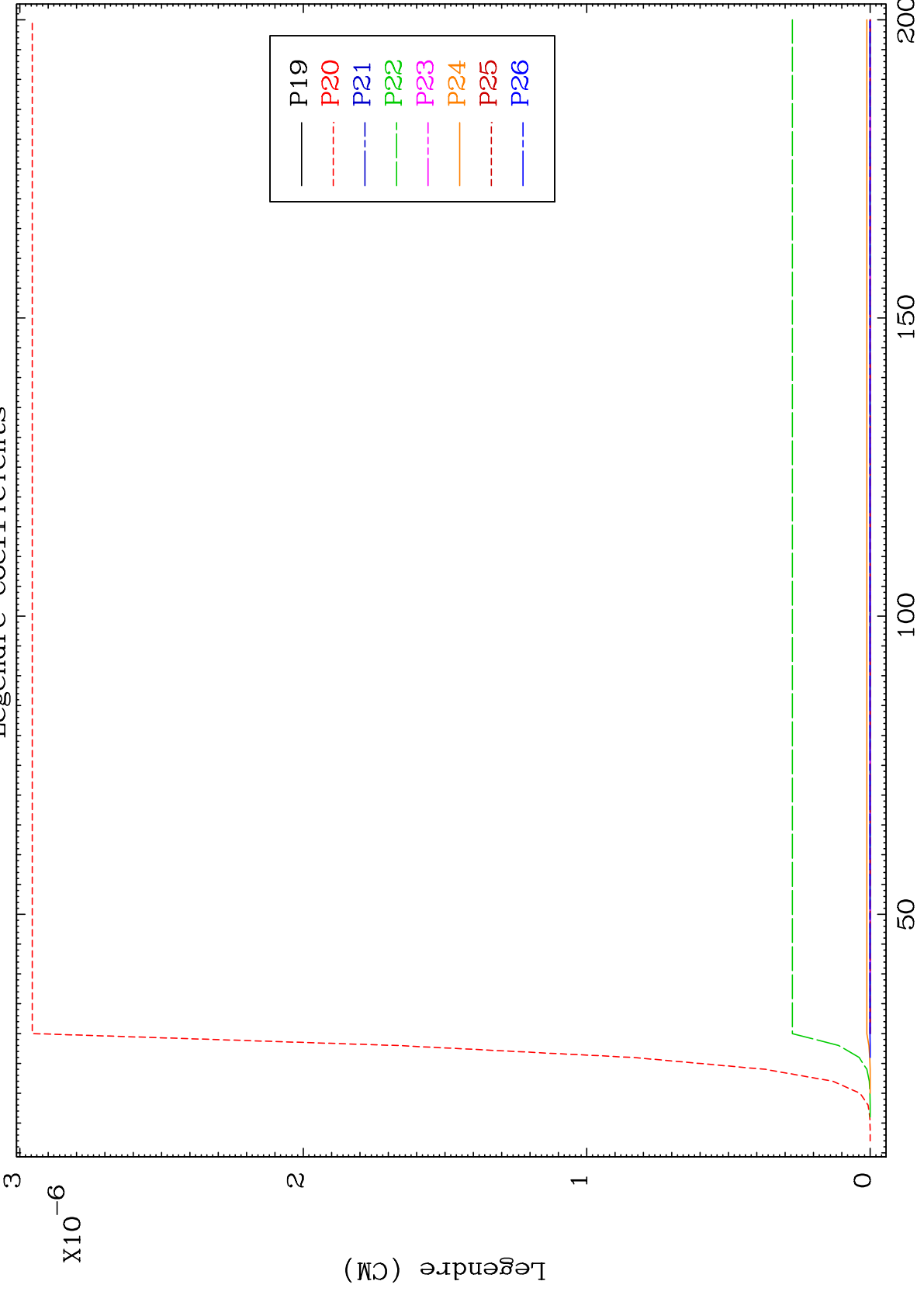
86-Rn-211



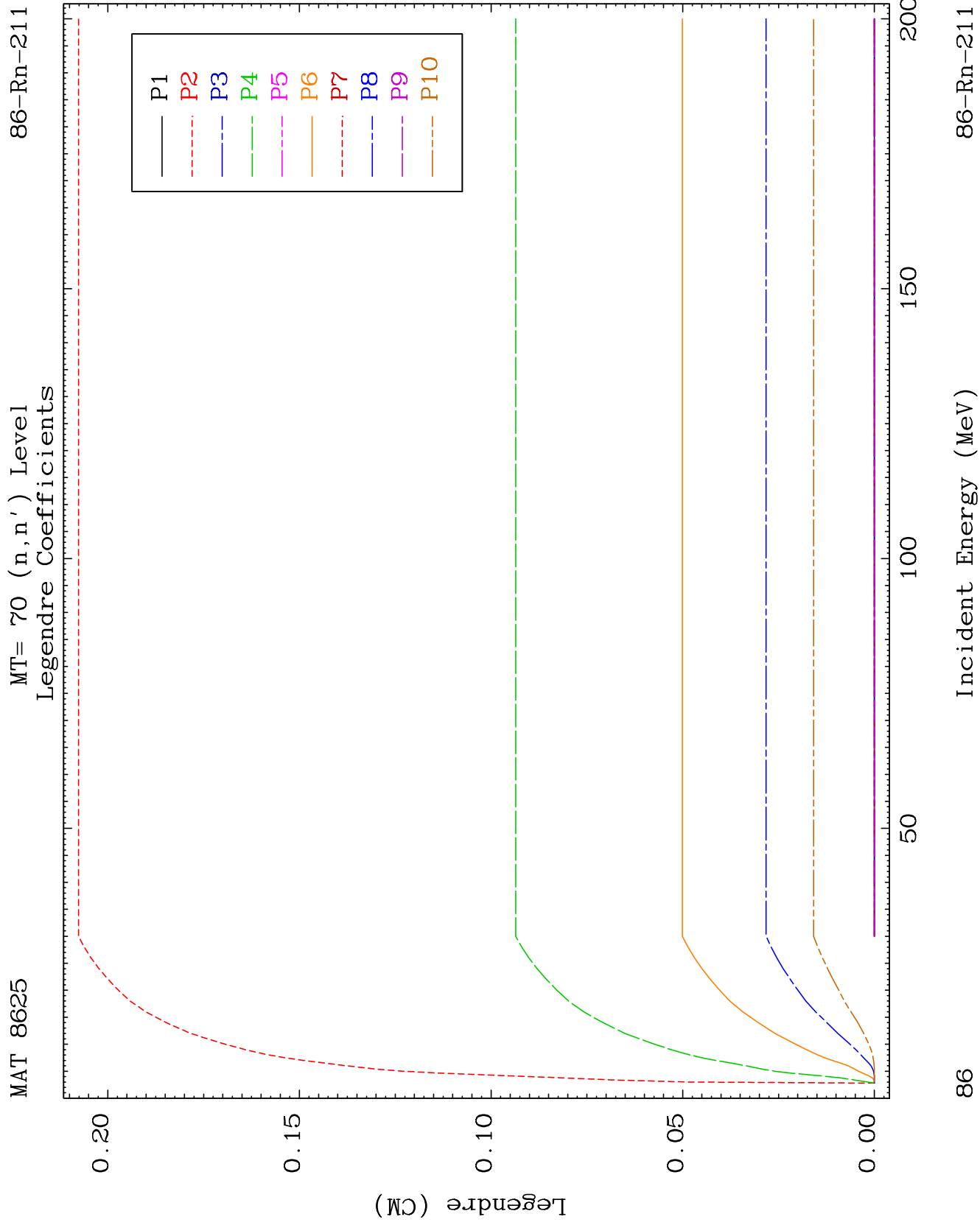
84

86-Rn-211

MAT 8625 MT= 69 (n,n') Level Legendre Coefficients 86-Rn-211



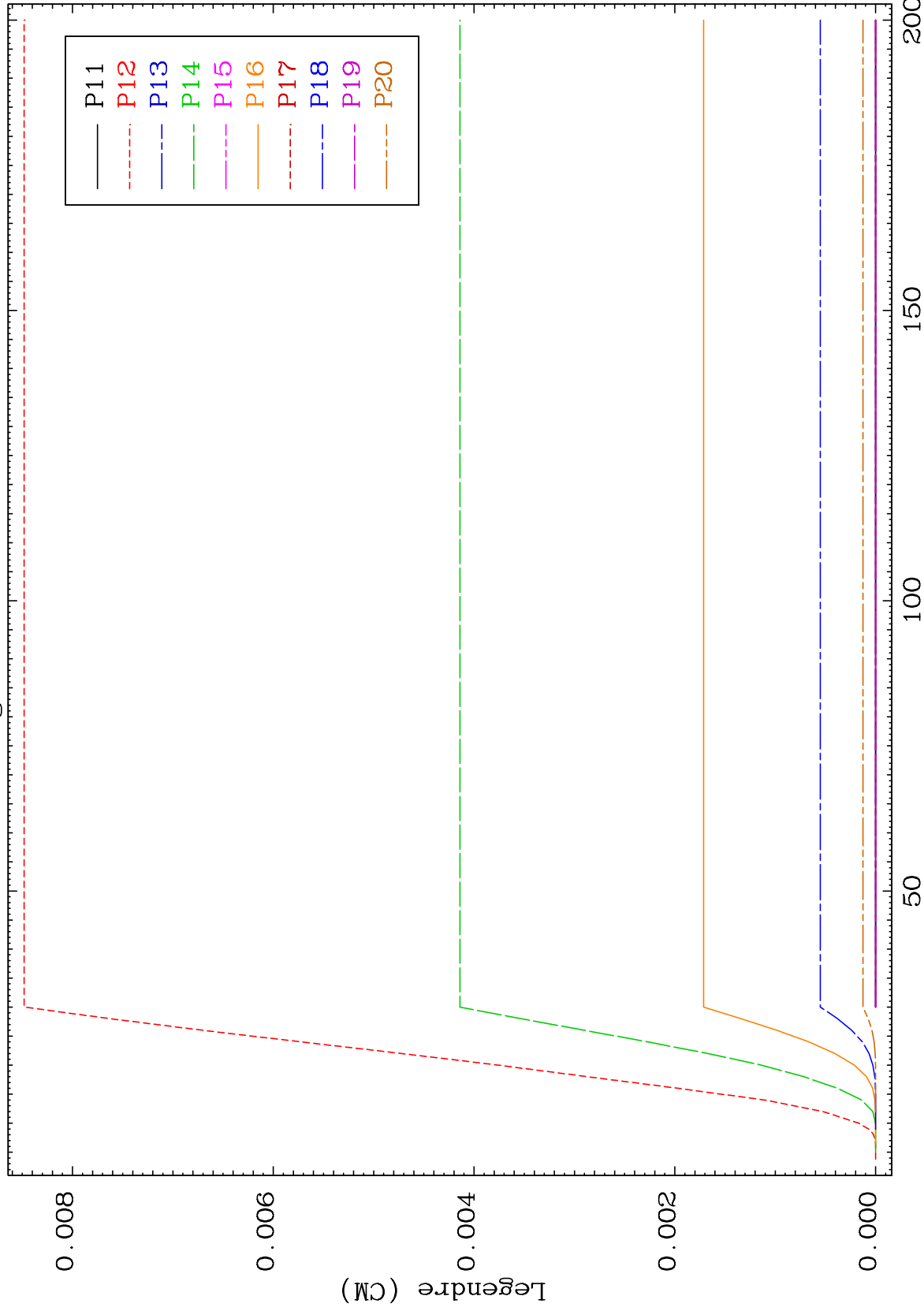
85 100 150 200 86-Rn-211



MAT 8625

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

86-Rn-211



87

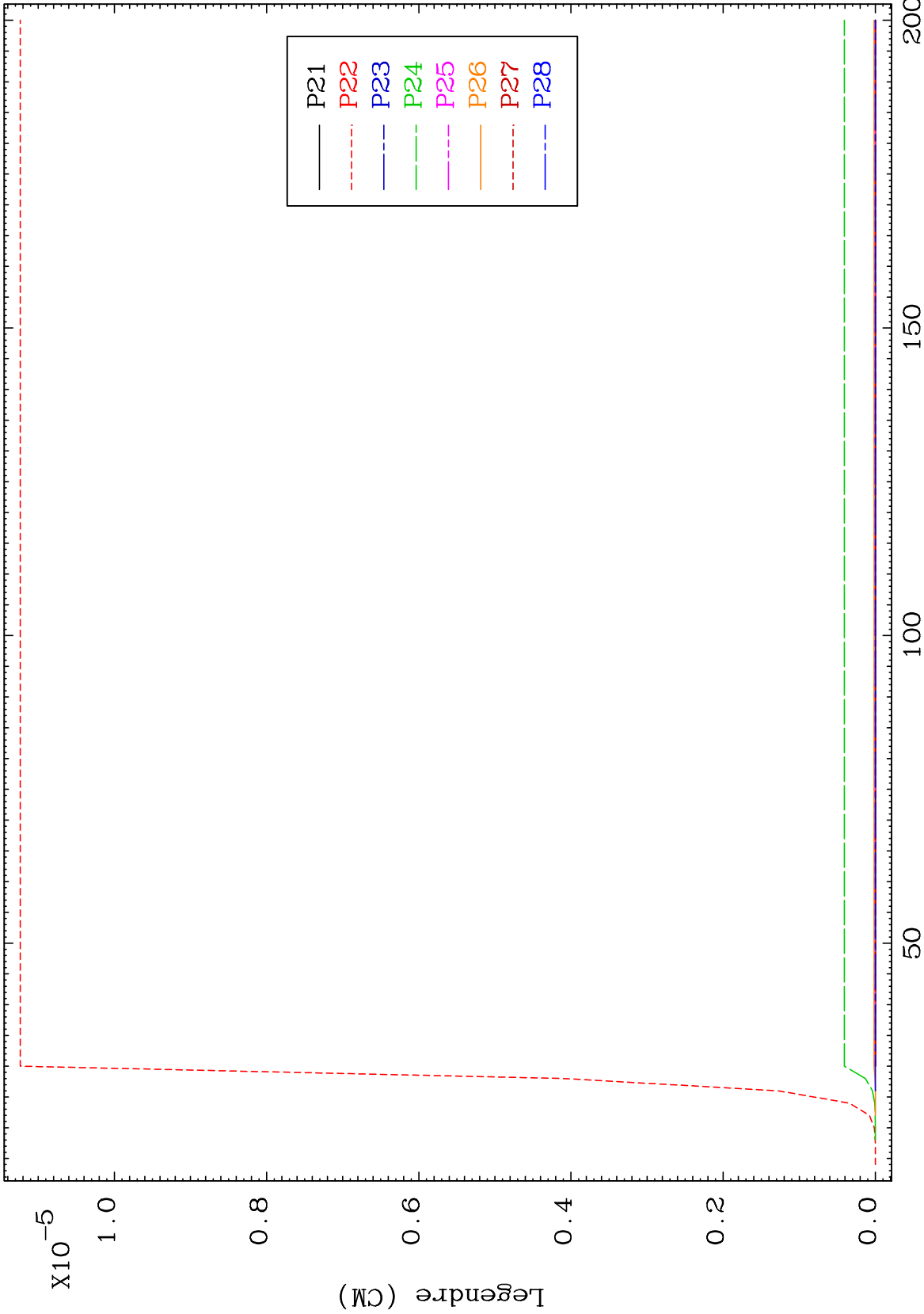
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



88

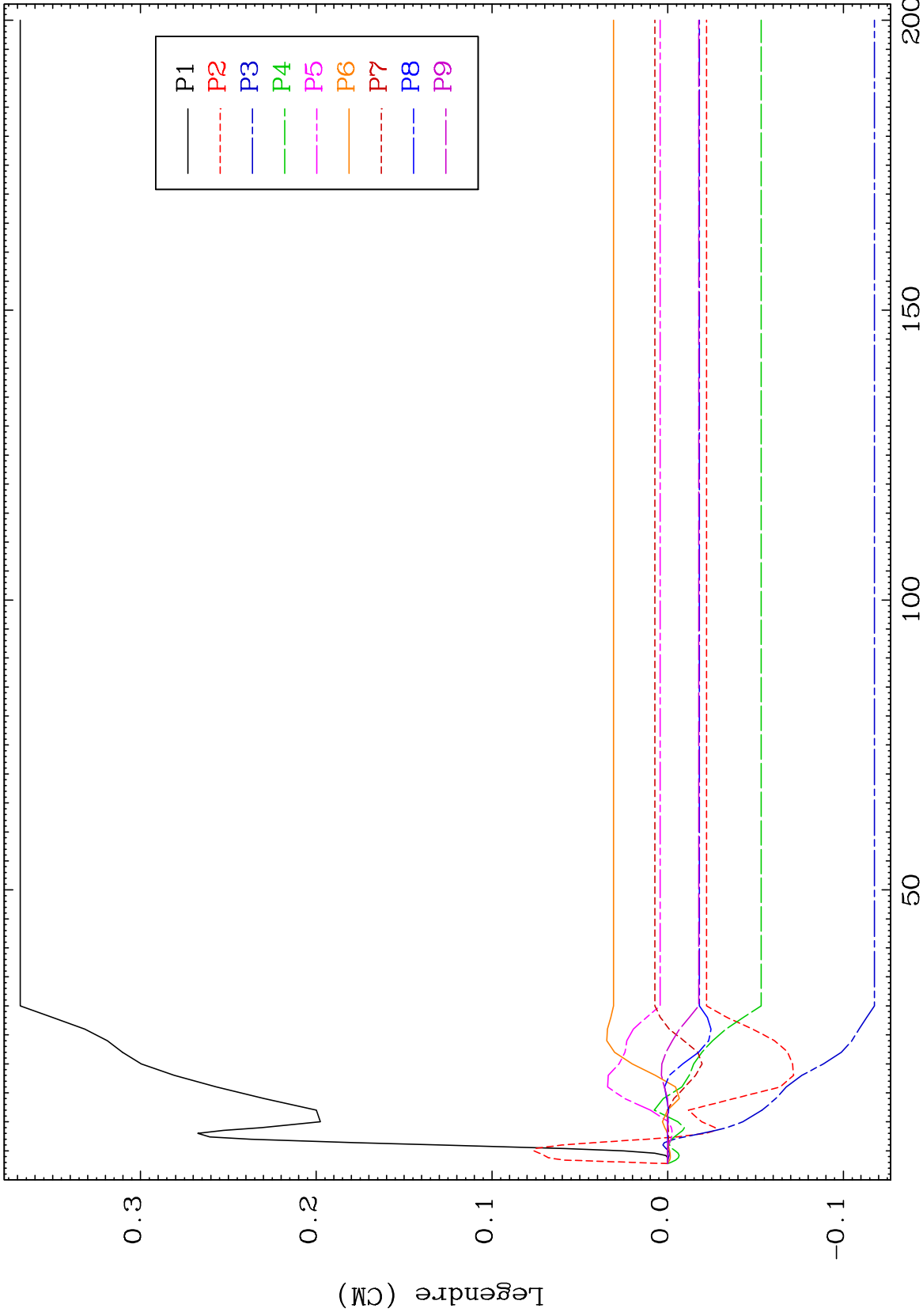
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



89

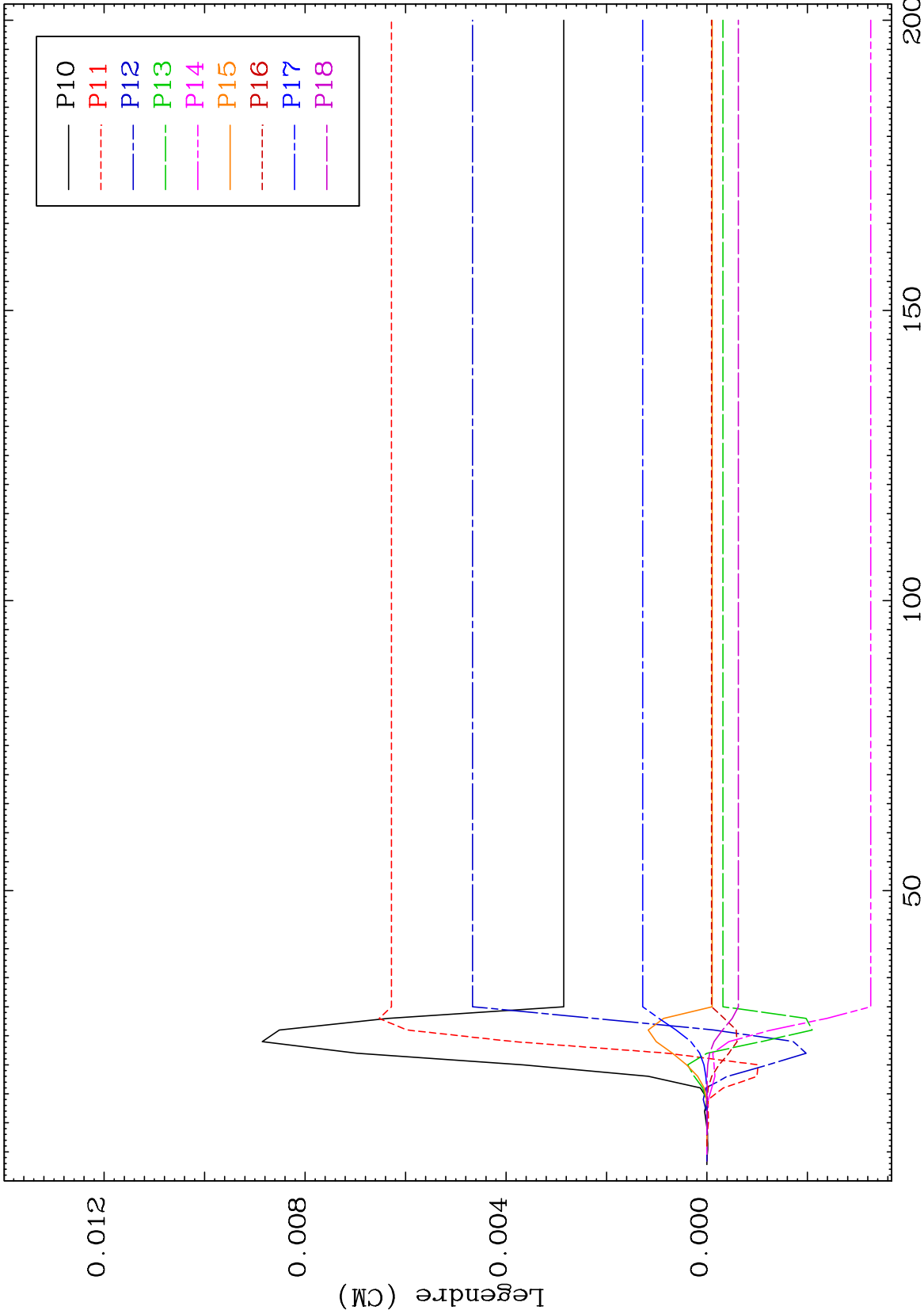
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



90

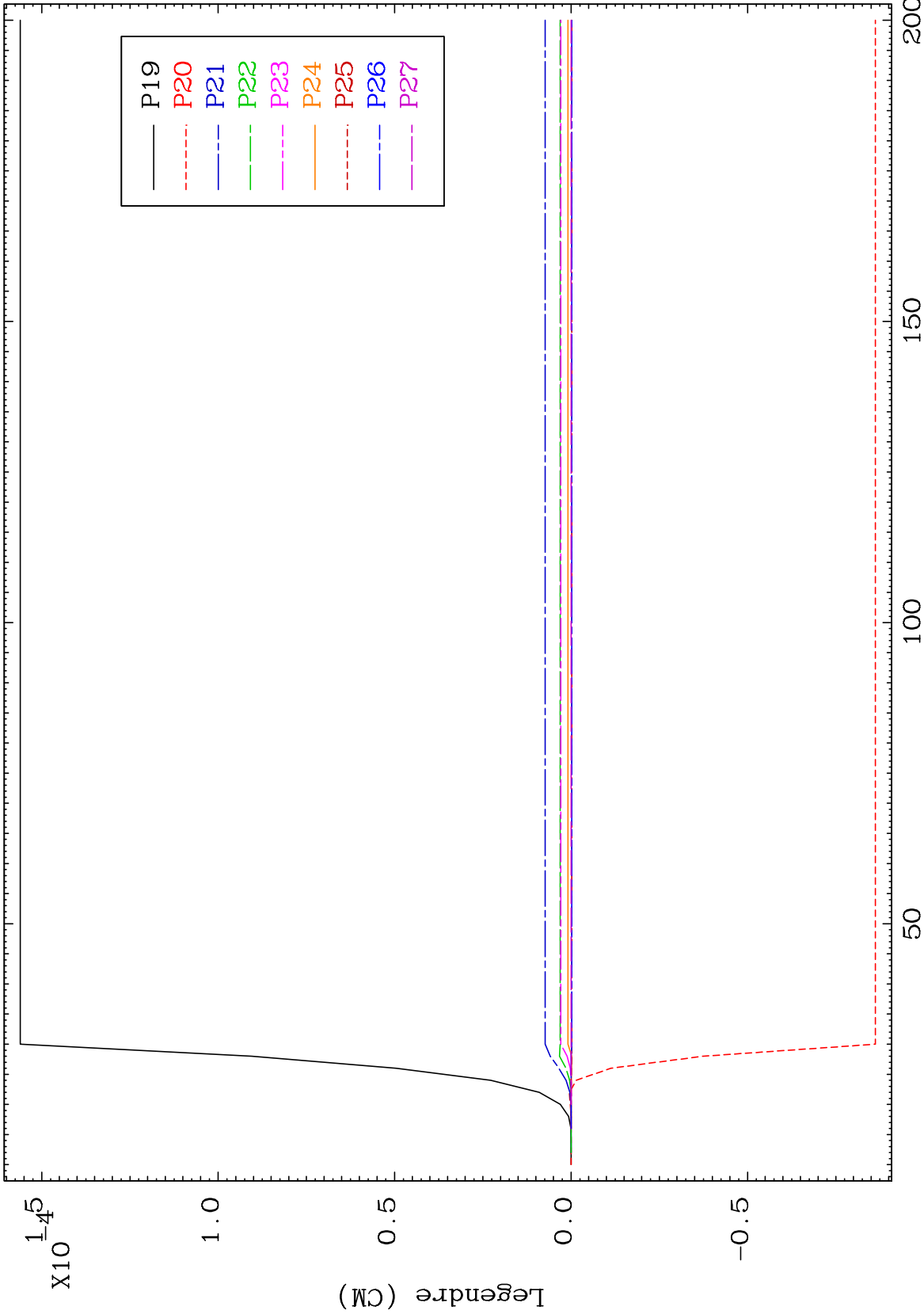
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

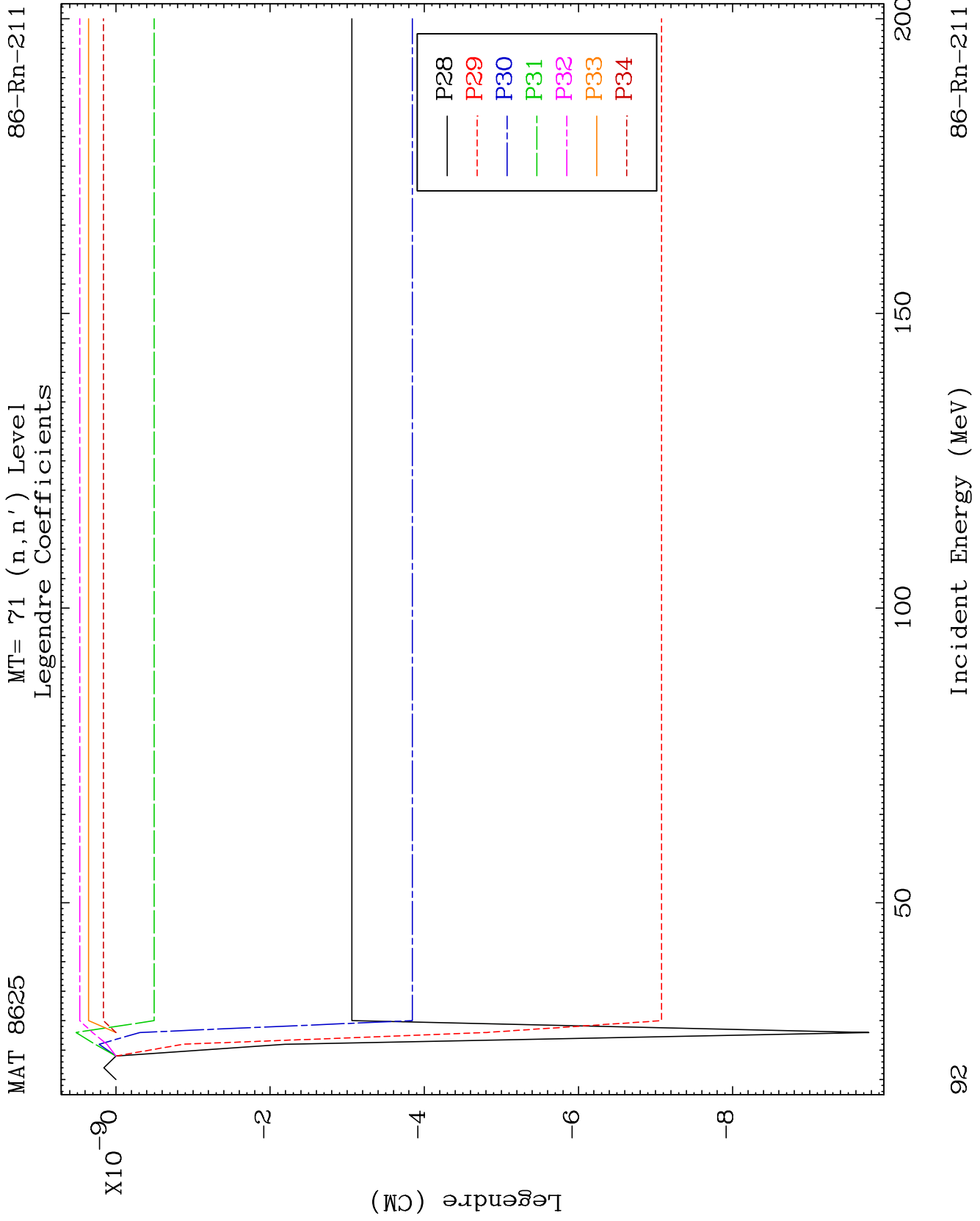
86-Rn-211



91

Incident Energy (MeV)

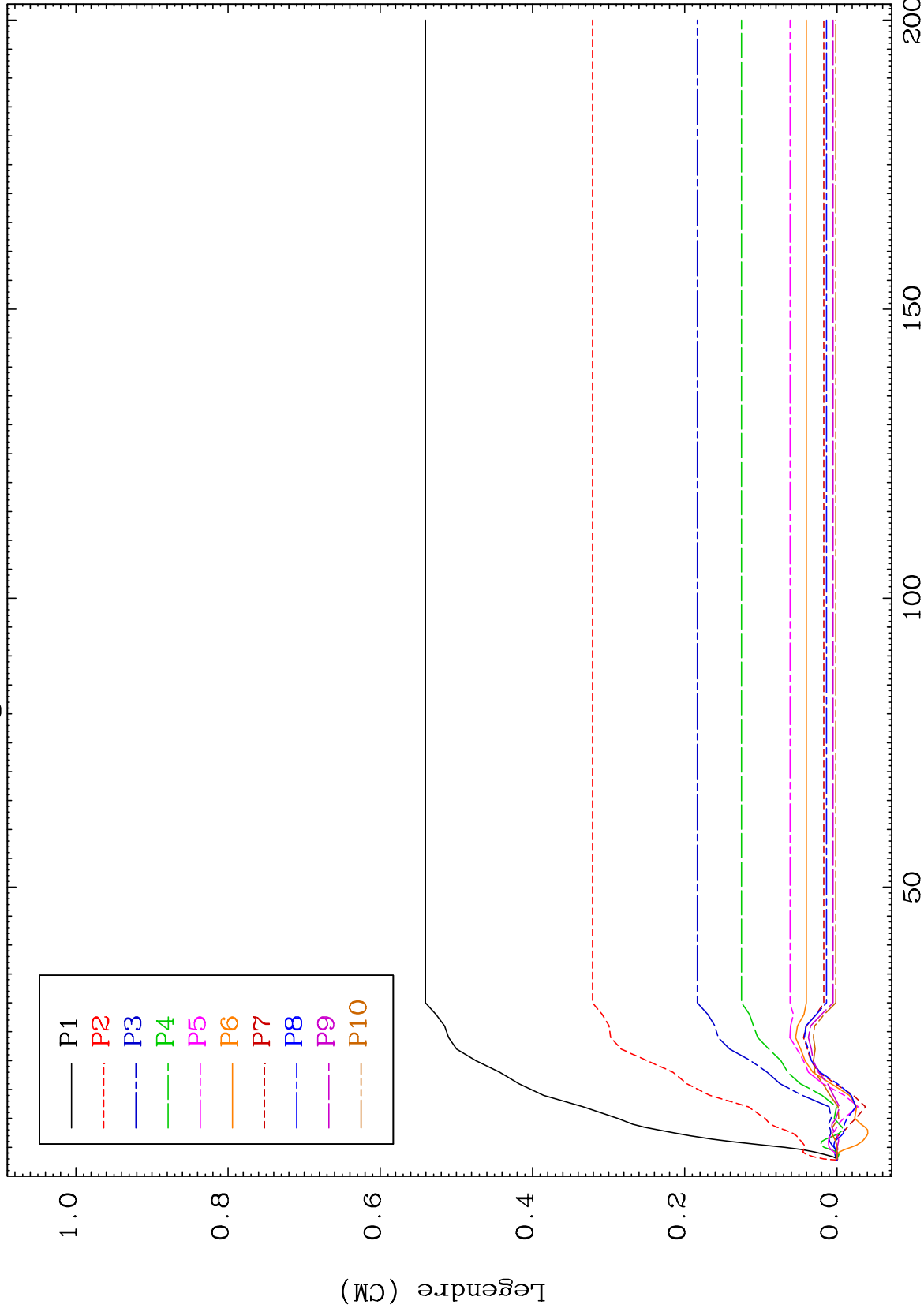
86-Rn-211



MAT 8625

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

86-Rn-211



93

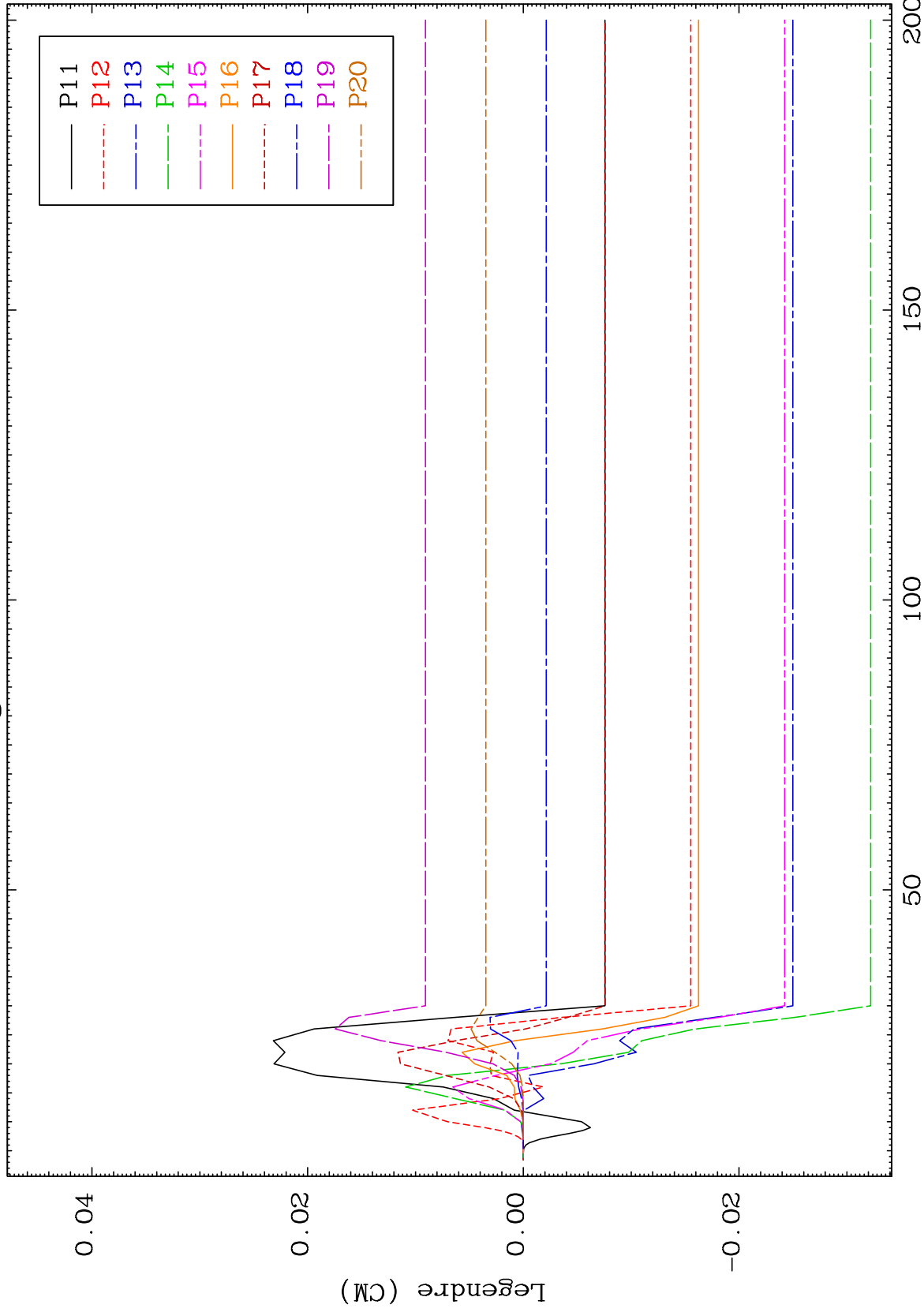
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



94

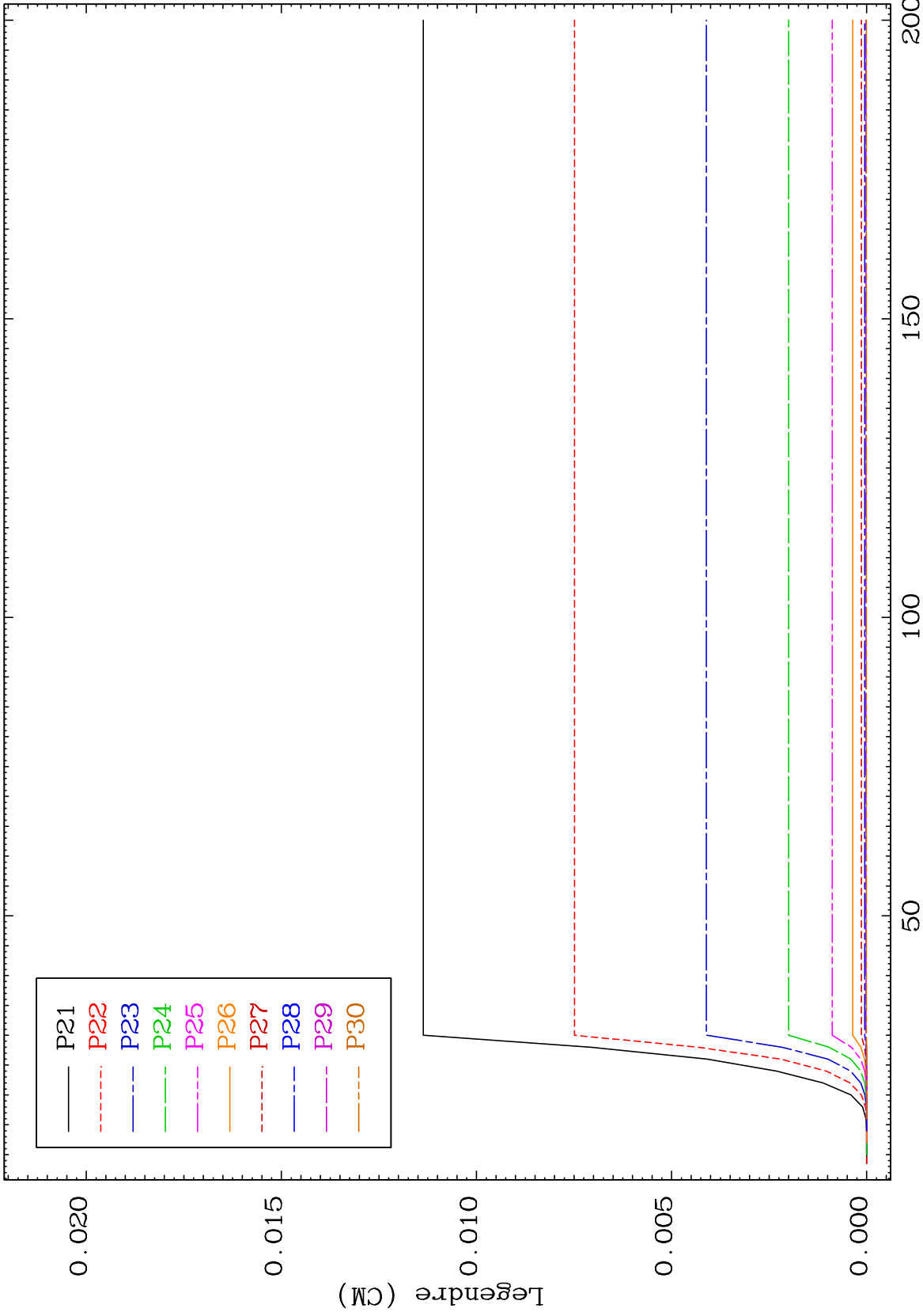
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



95

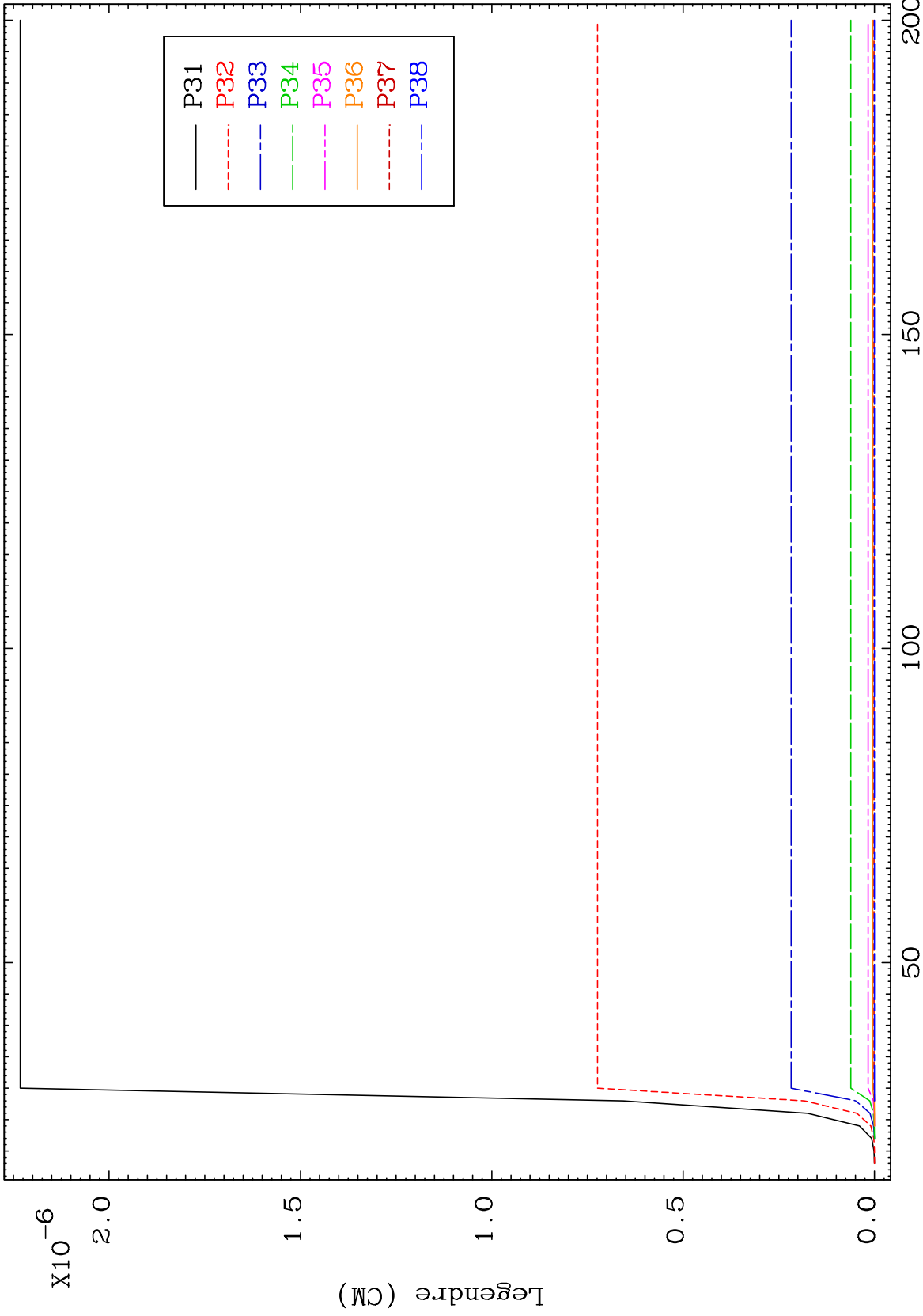
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



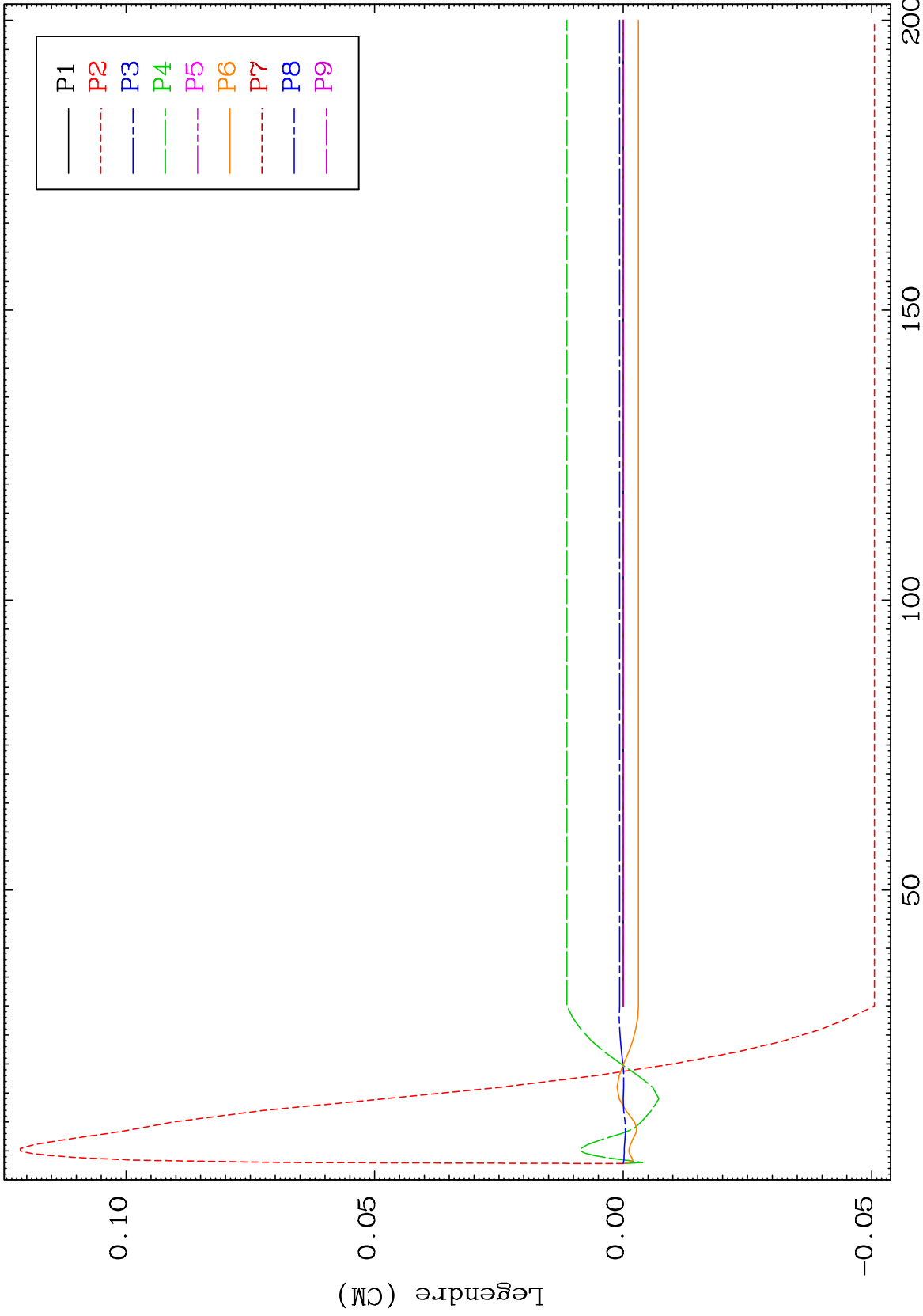
96

86-Rn-211

MAT 8625

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

86-Rn-211



97

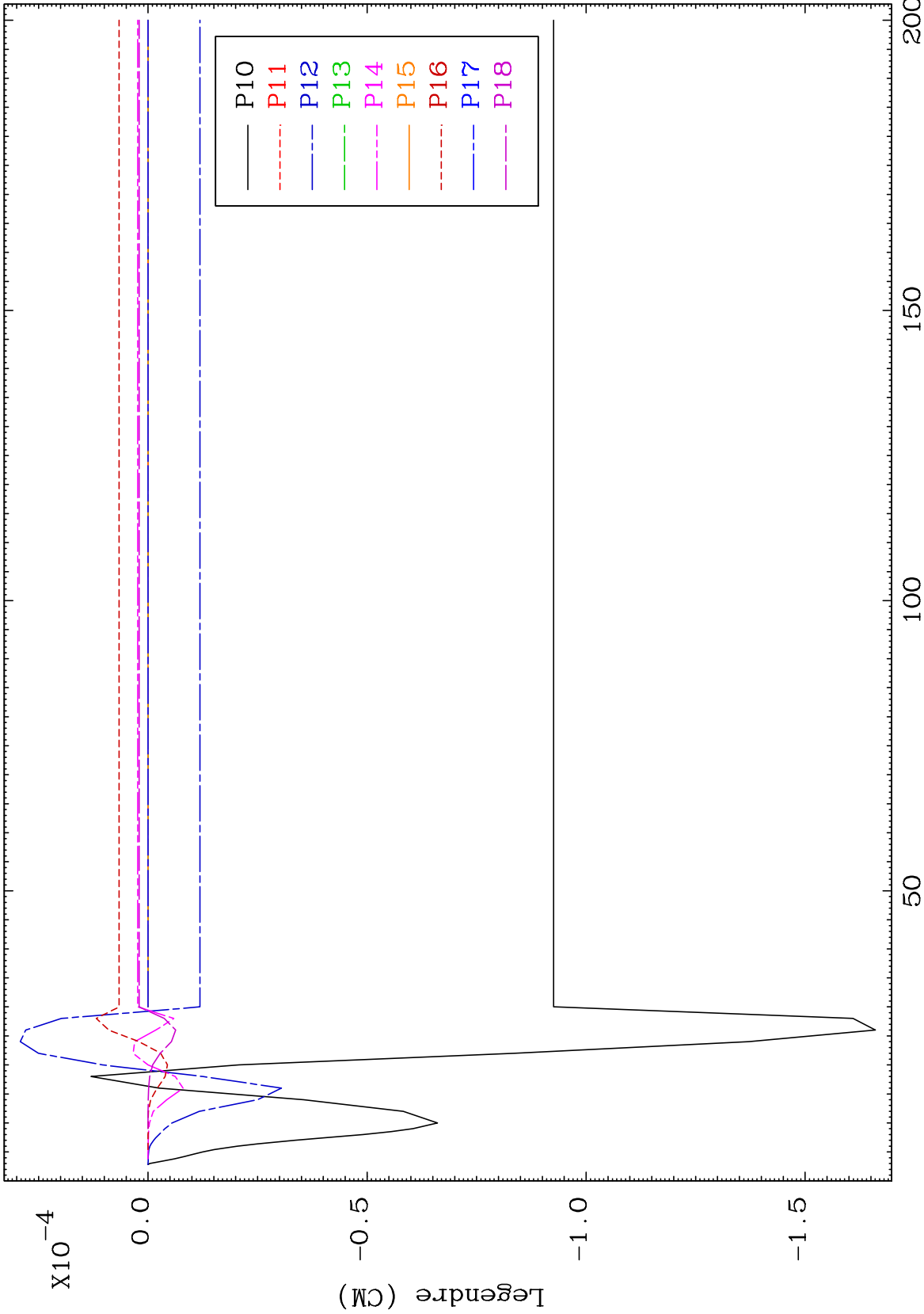
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



98

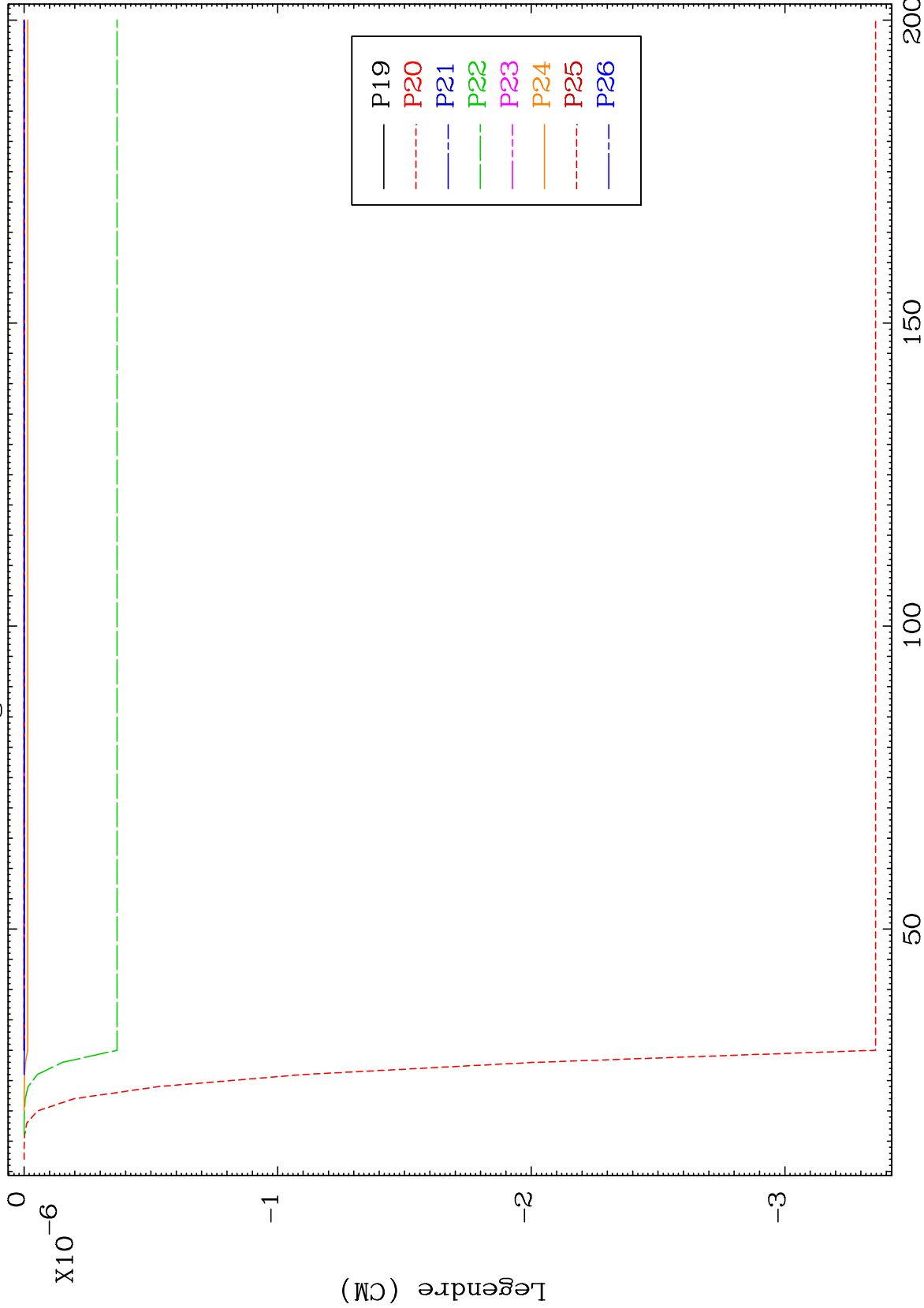
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



99

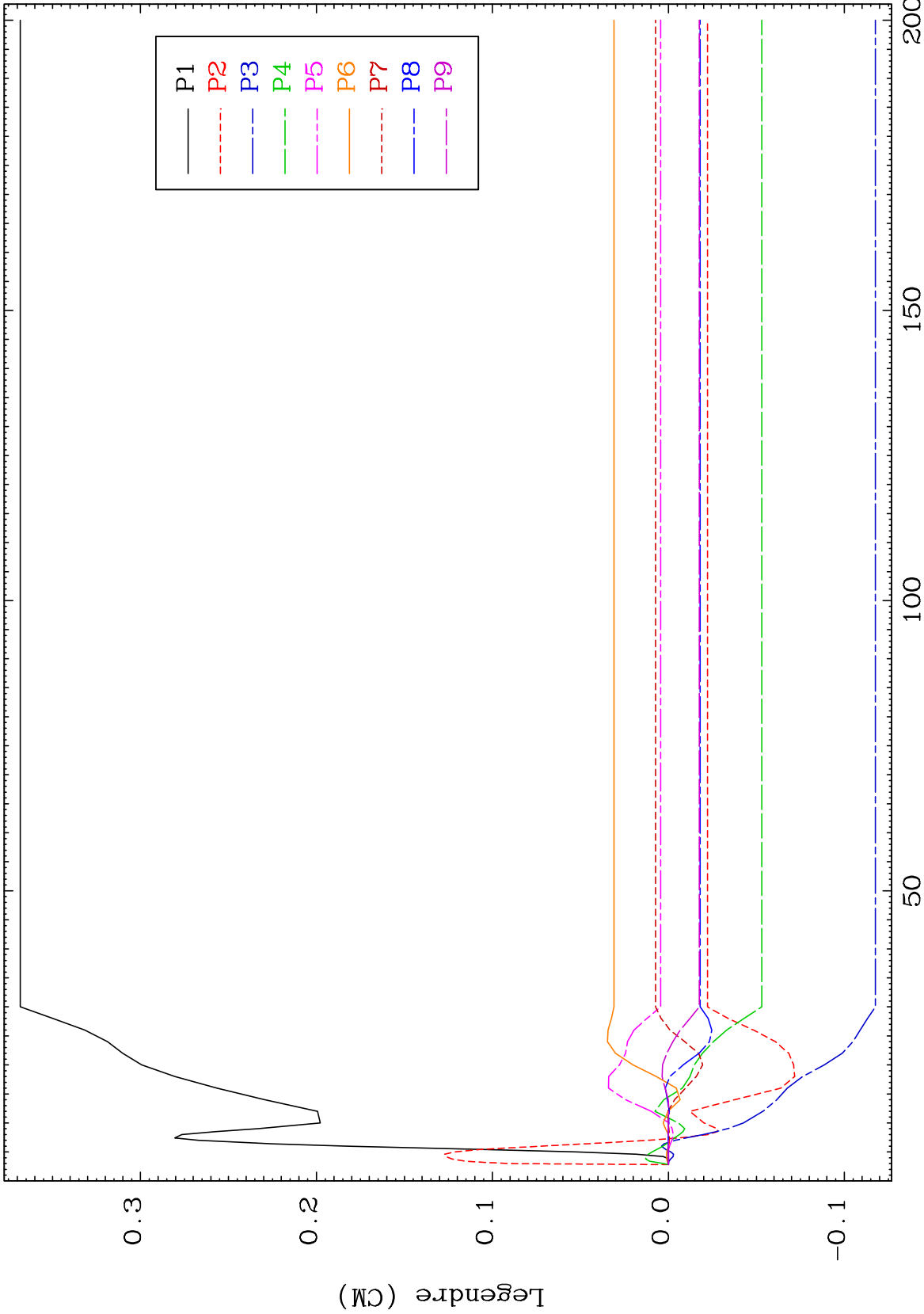
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



86-Rn-211

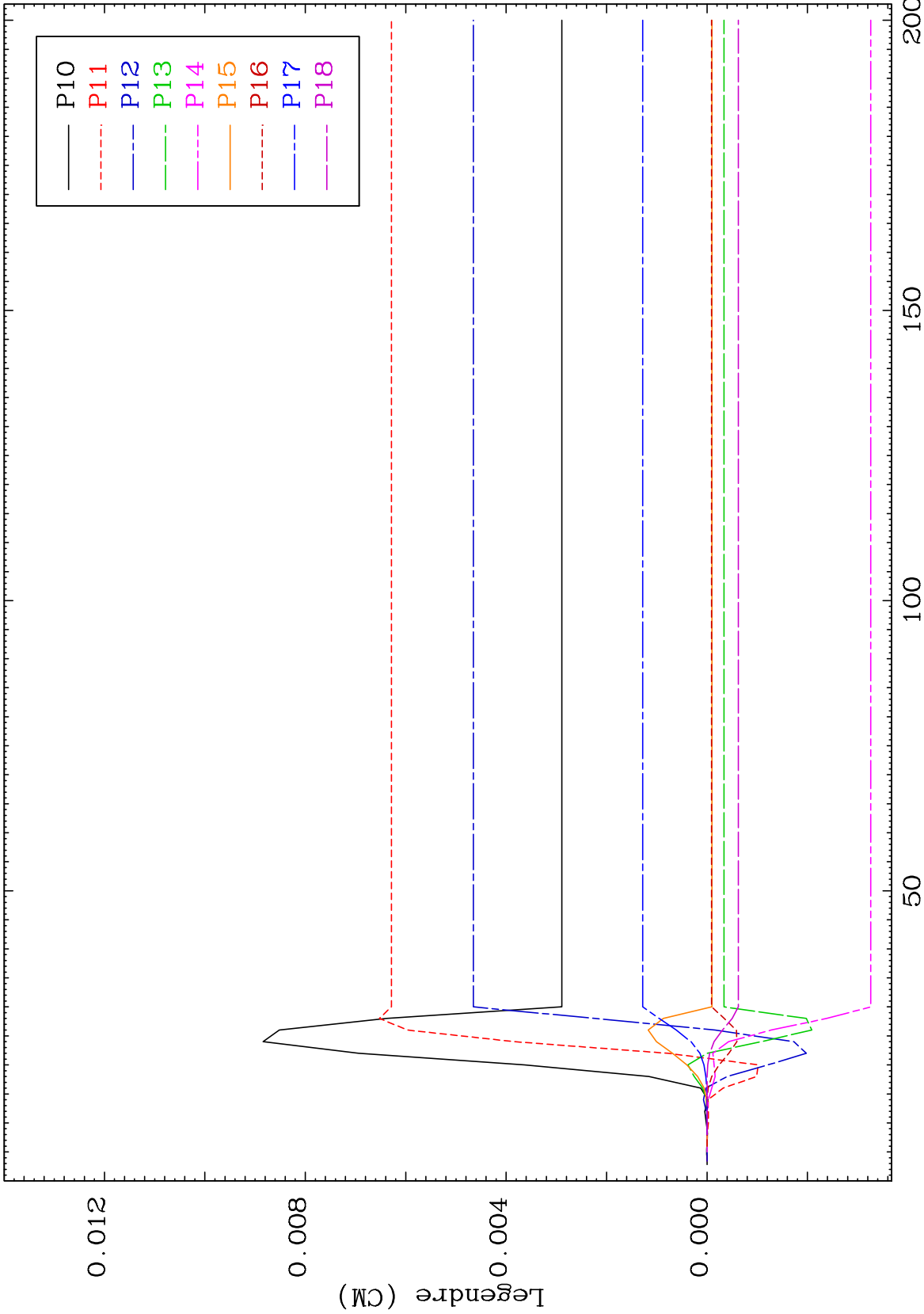
Incident Energy (MeV)

Legendre (CM)

MAT 8625

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

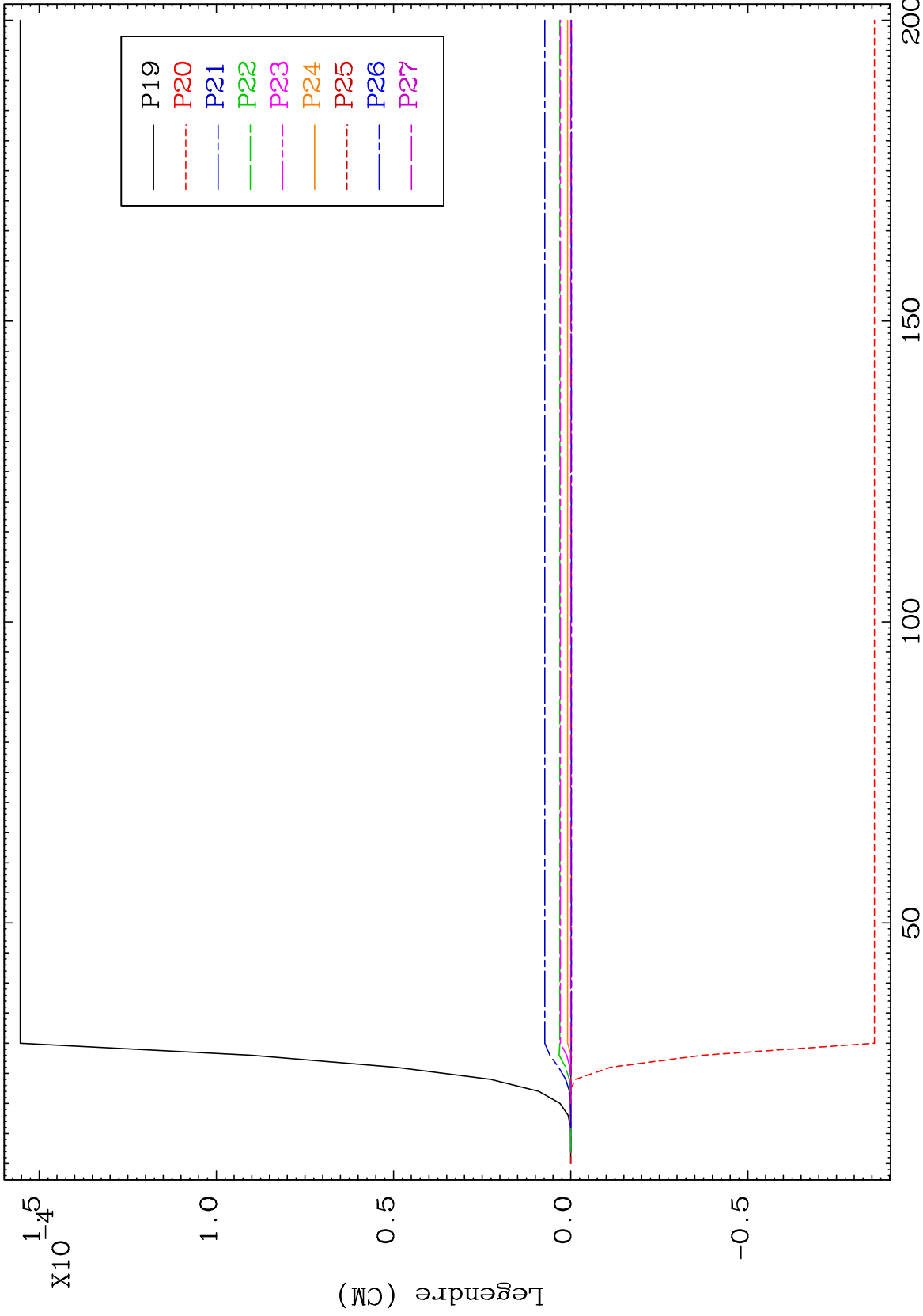
86-Rn-211



101

Incident Energy (MeV)

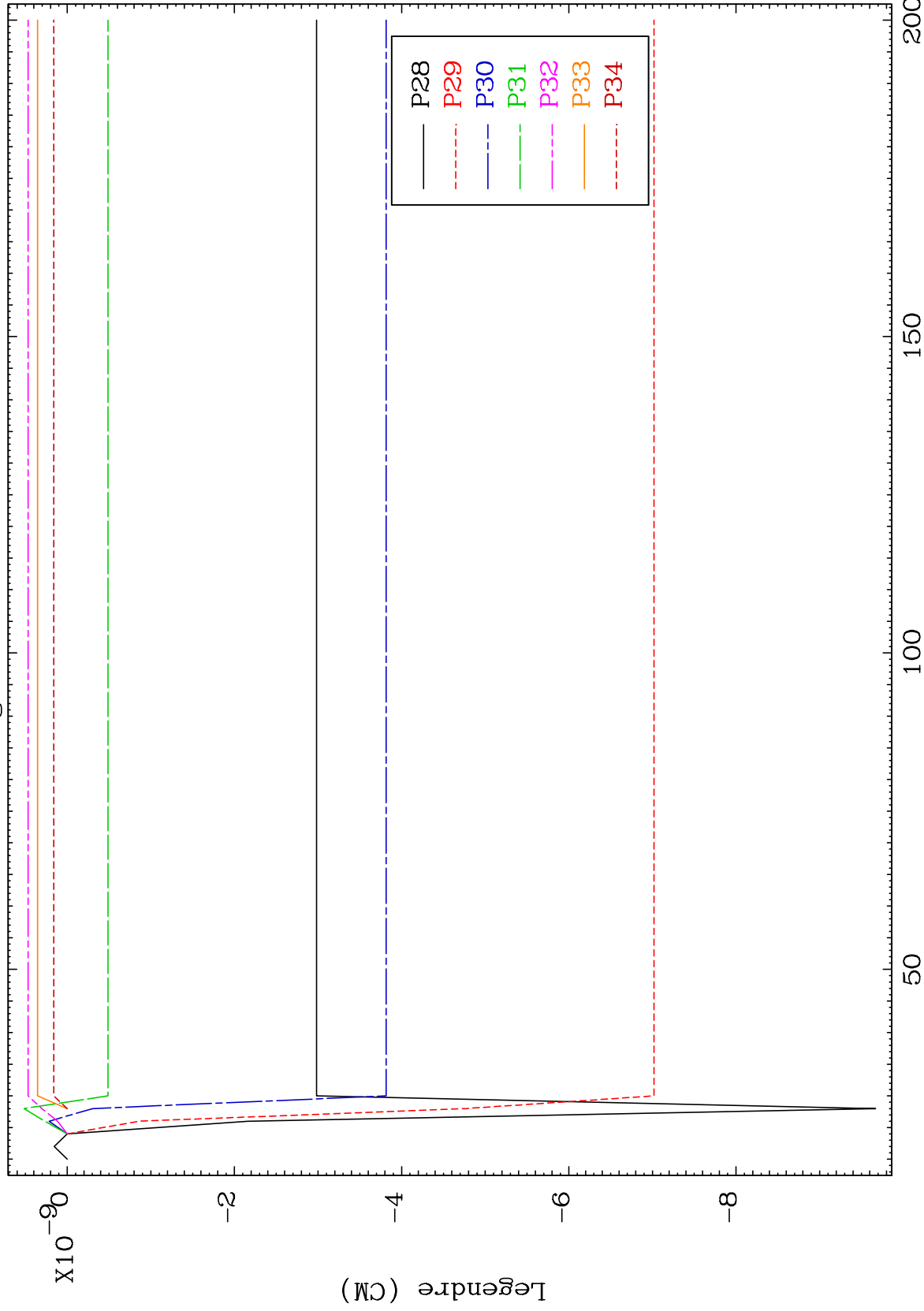
86-Rn-211



MAT 8625

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

86-Rn-211



103

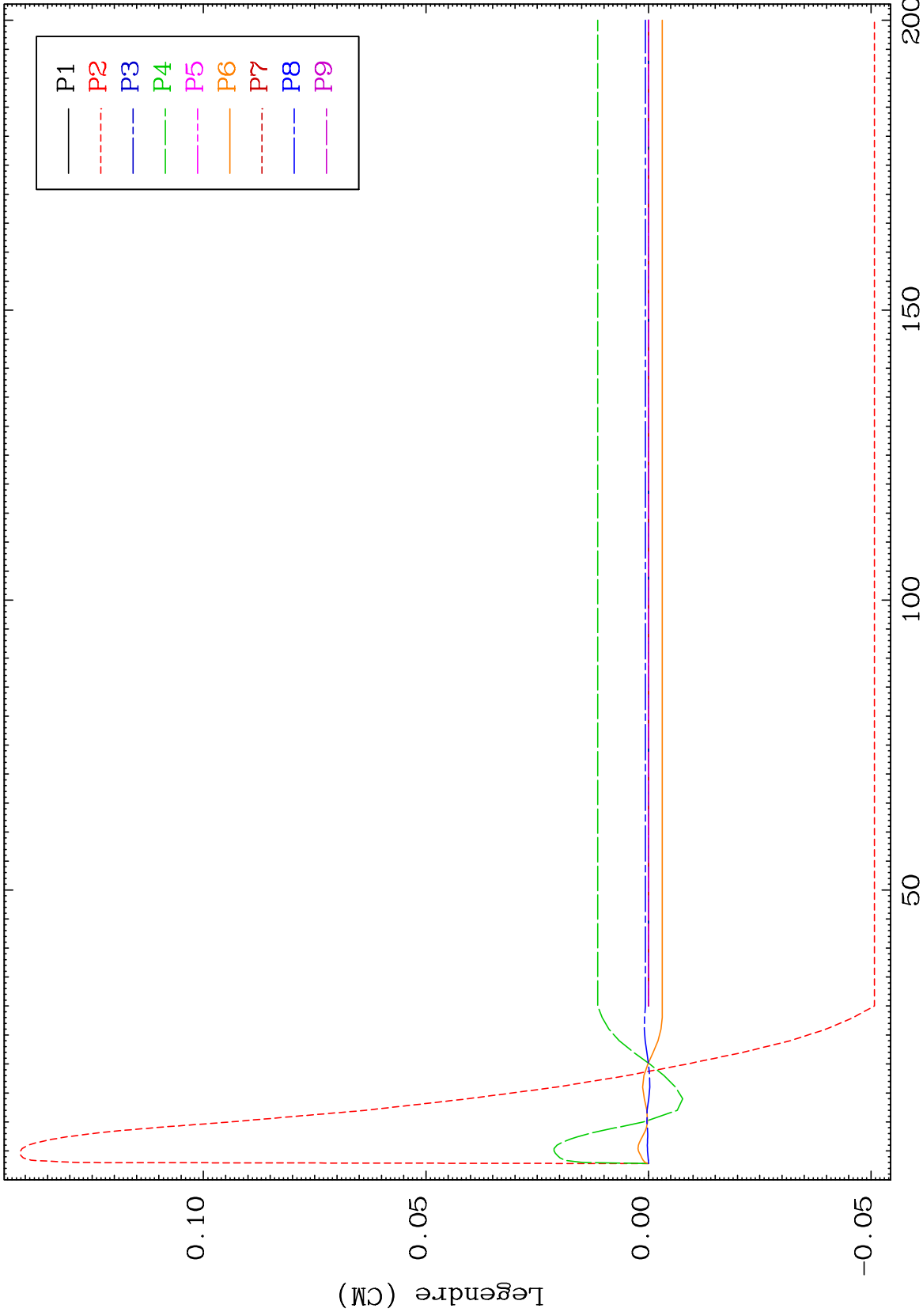
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



104

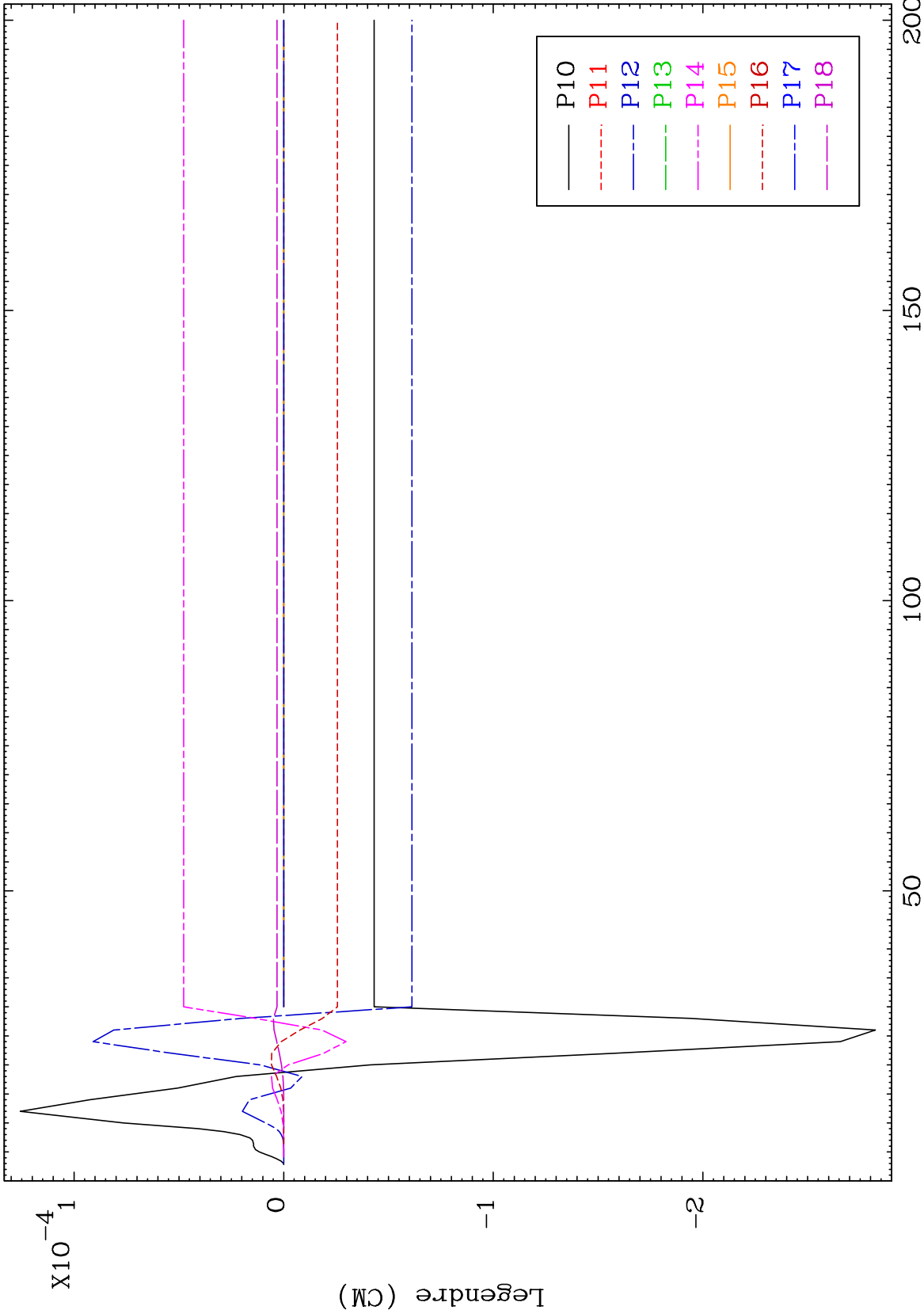
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211

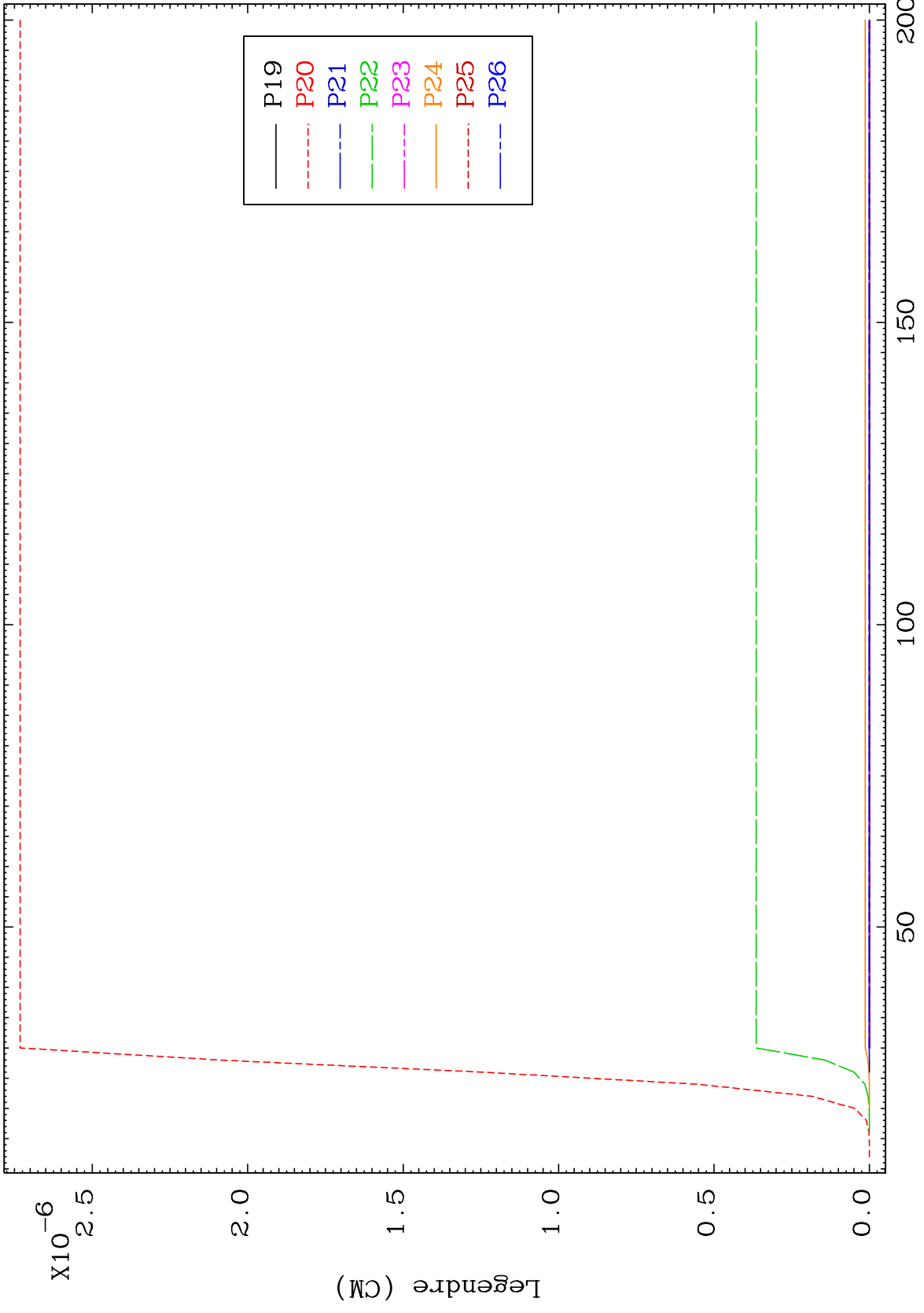


105

Incident Energy (MeV)

86-Rn-211

MAT 8625 MT= 75 (n,n') Level Legendre Coefficients 86-Rn-211

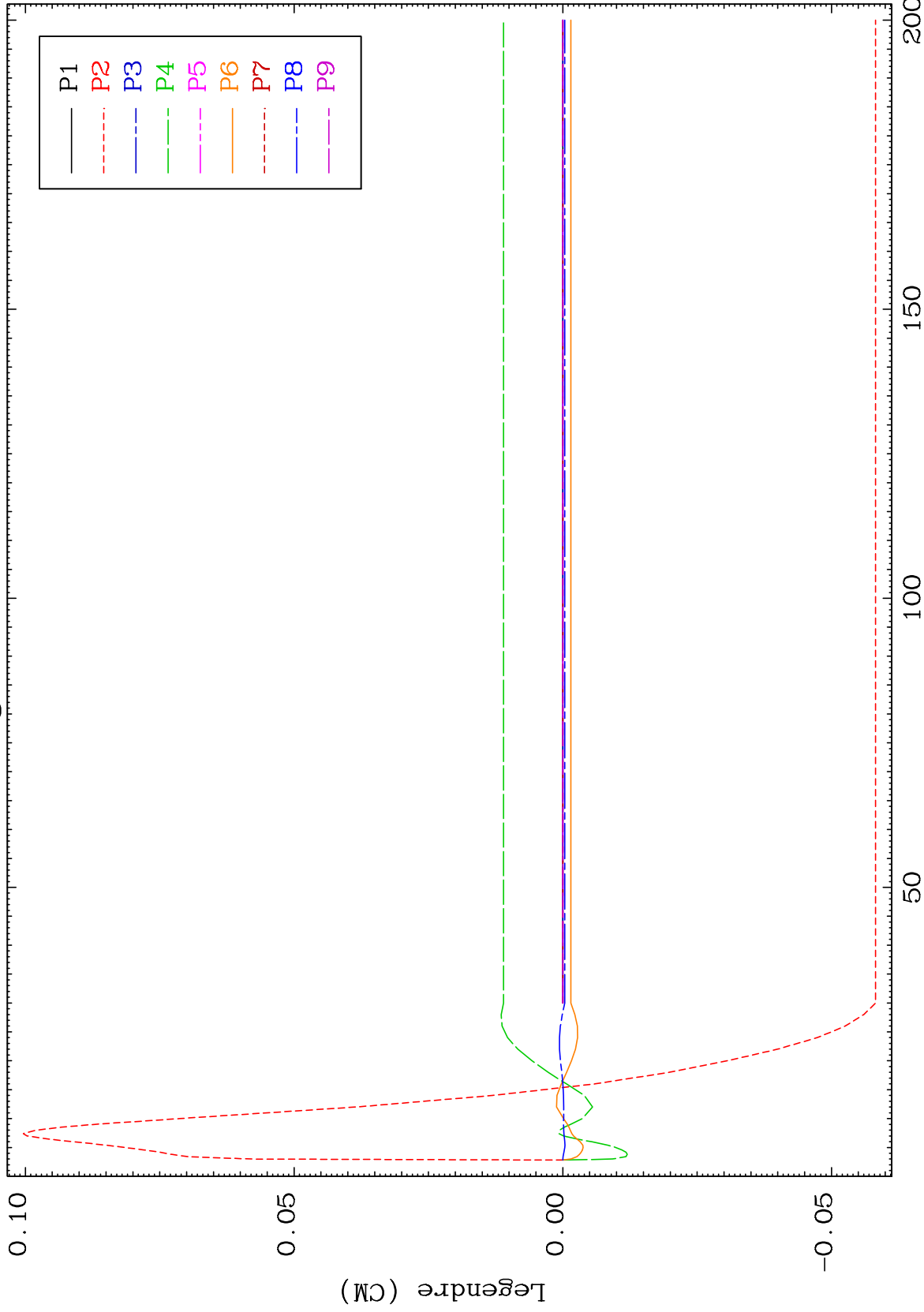


106 50 100 150 200 86-Rn-211

MAT 8625

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

86-Rn-211



107

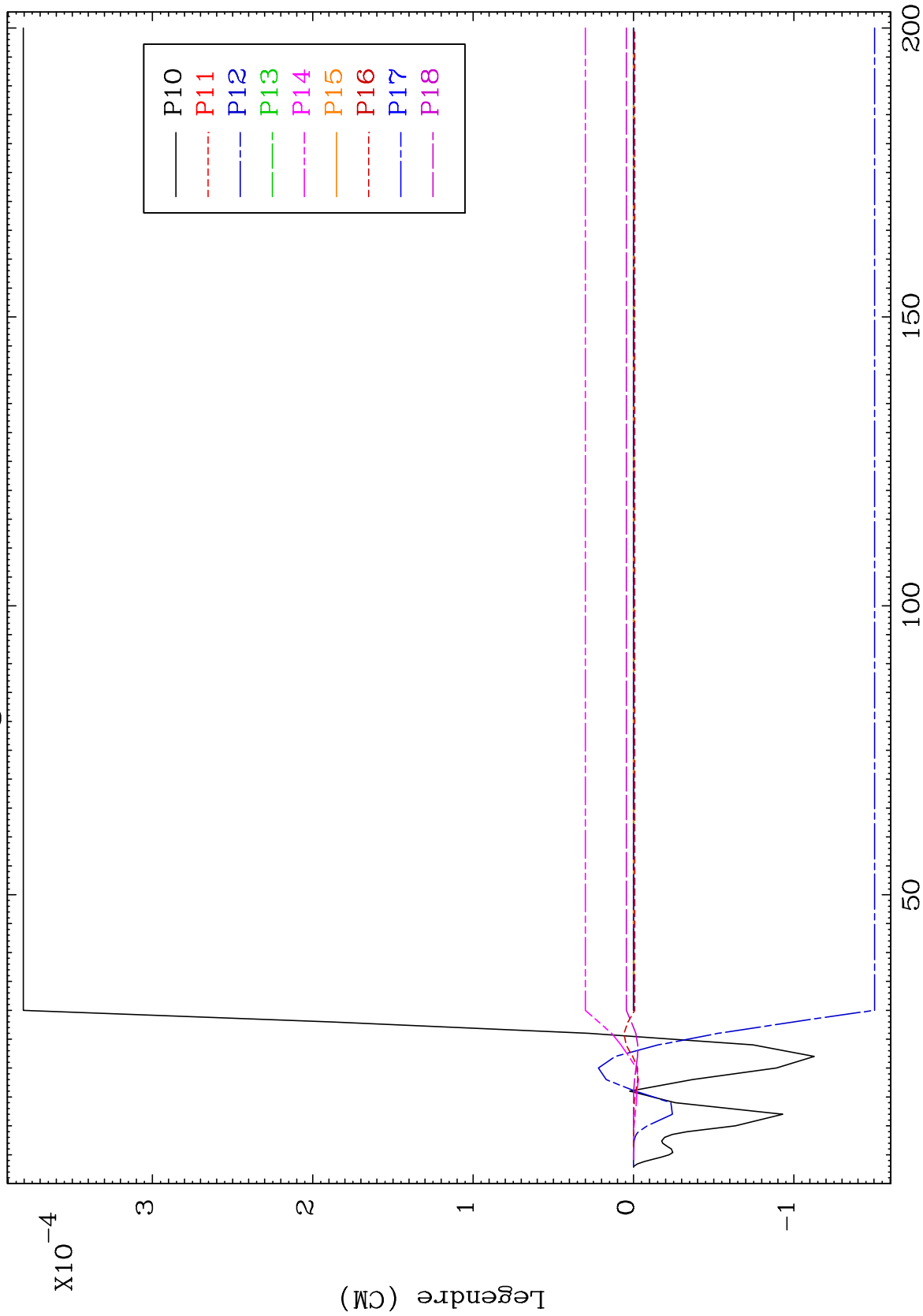
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

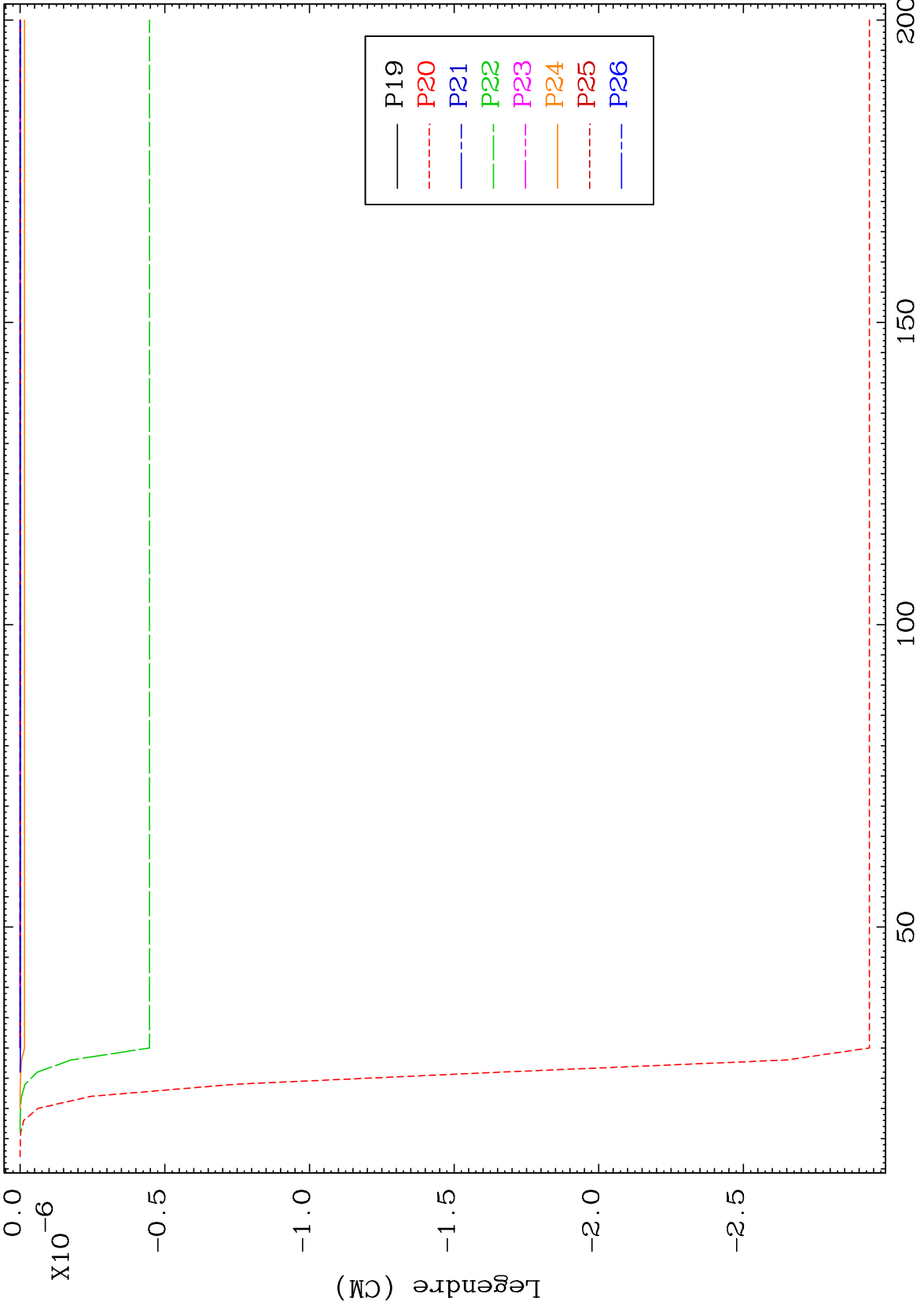
86-Rn-211



108

86-Rn-211

MAT 8625 MT= 76 (n,n') Level Legendre Coefficients 86-Rn-211

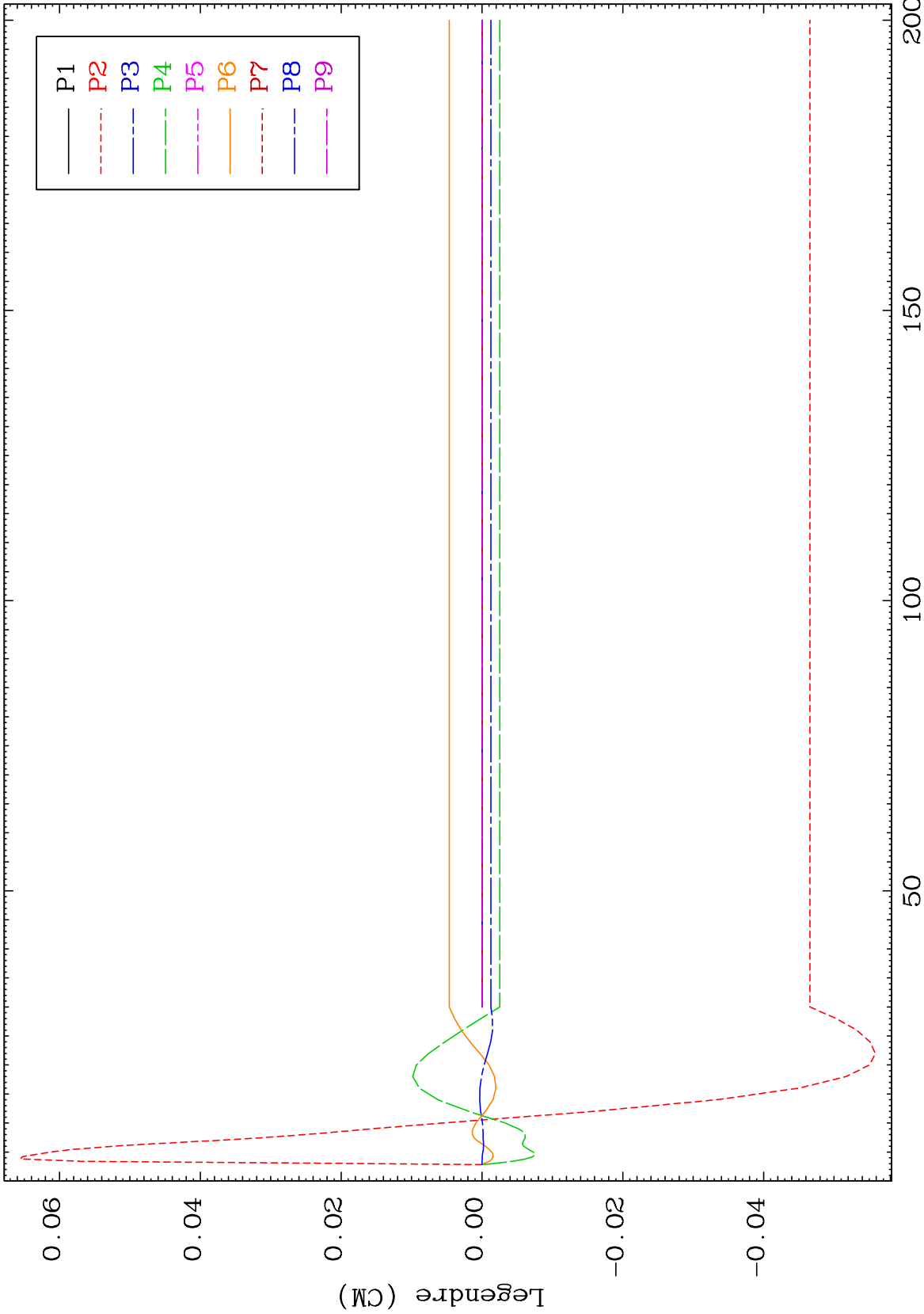


109 86-Rn-211

MAT 8625

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

86-Rn-211



110

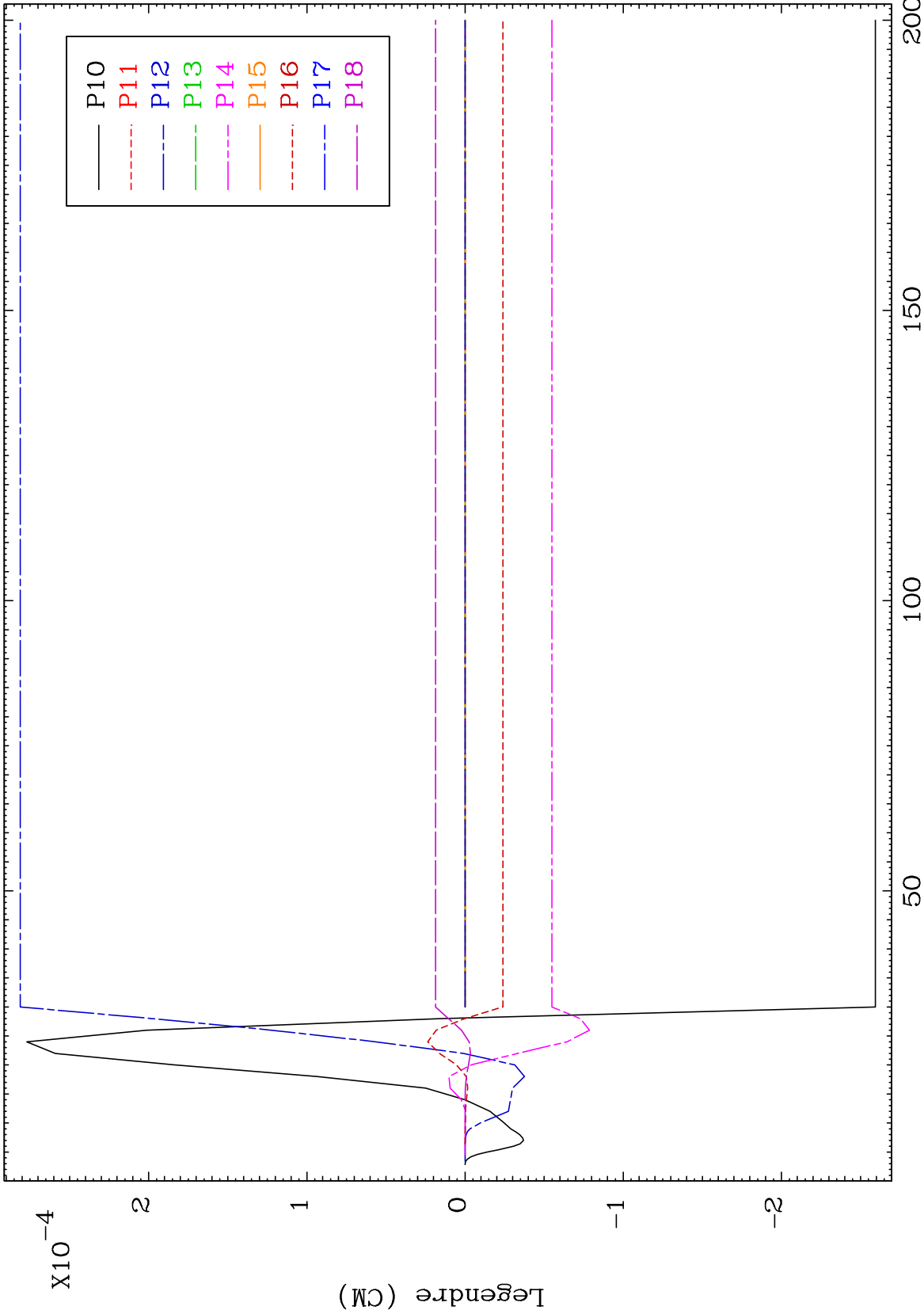
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211

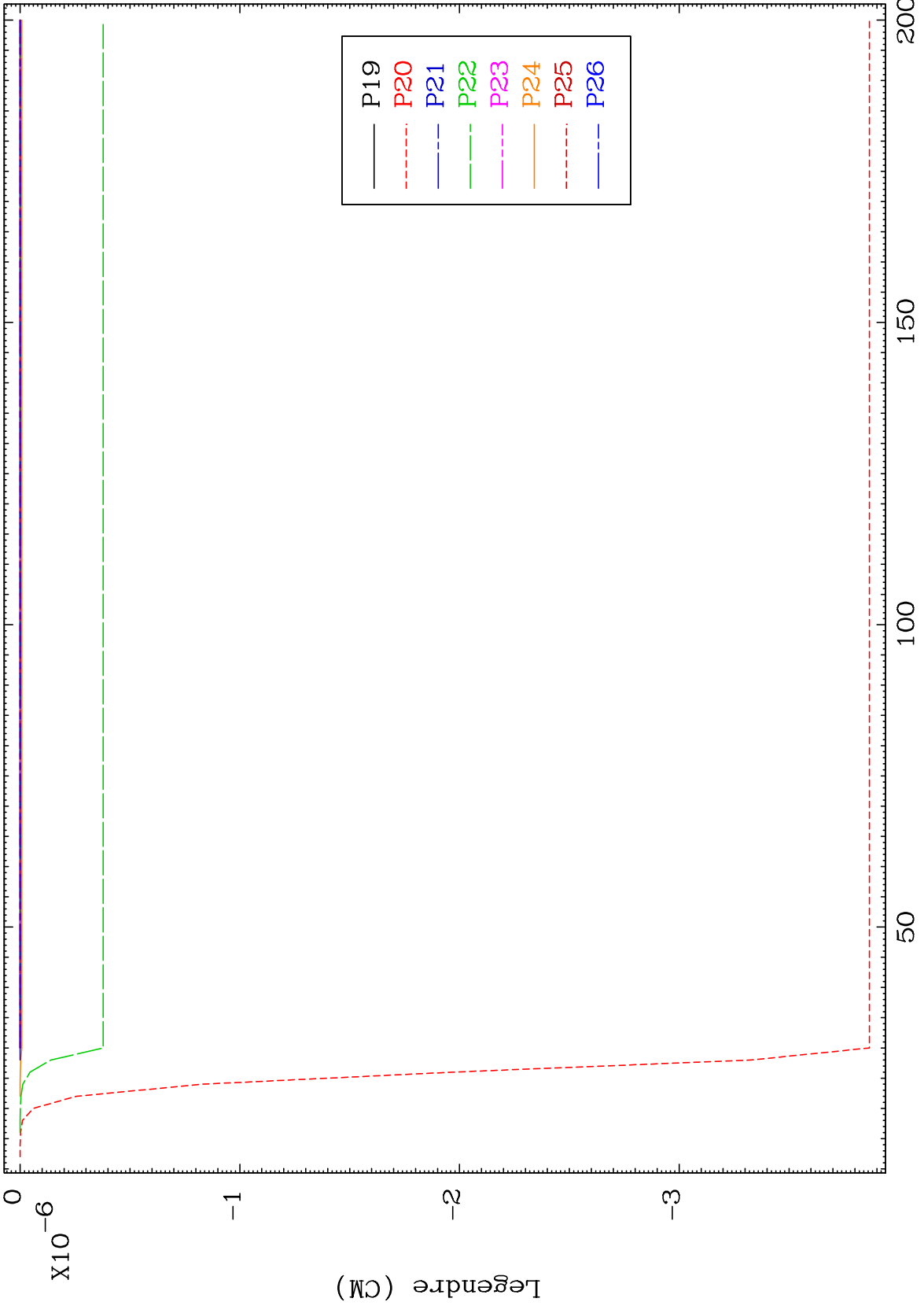


111

Incident Energy (MeV)

86-Rn-211

MAT 8625 MT= 77 (n,n') Level Legendre Coefficients 86-Rn-211

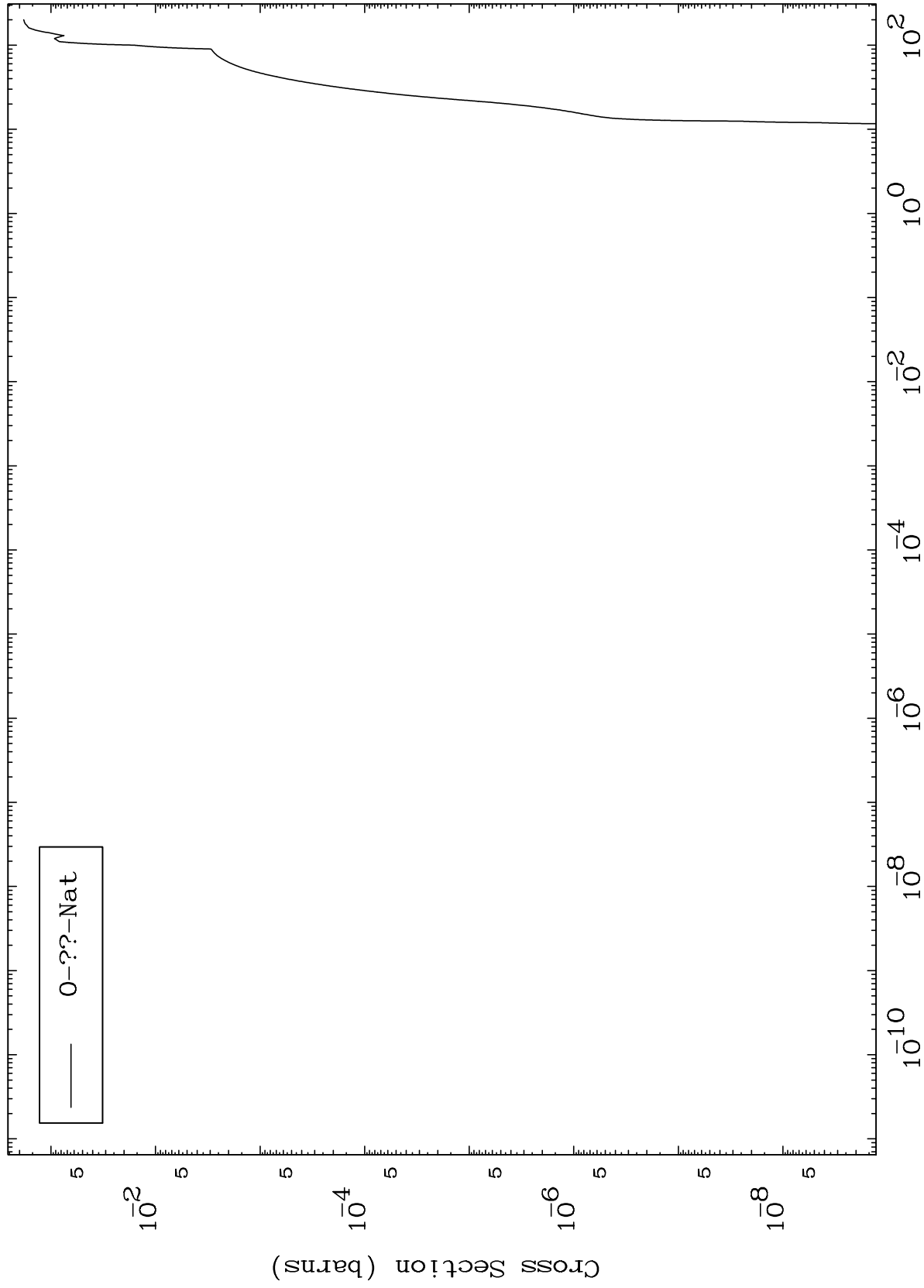


112 86-Rn-211

MAT 8625

Fission
Radionuclide Production Cross Section

86-Rn-211



113

Incident Energy (MeV)

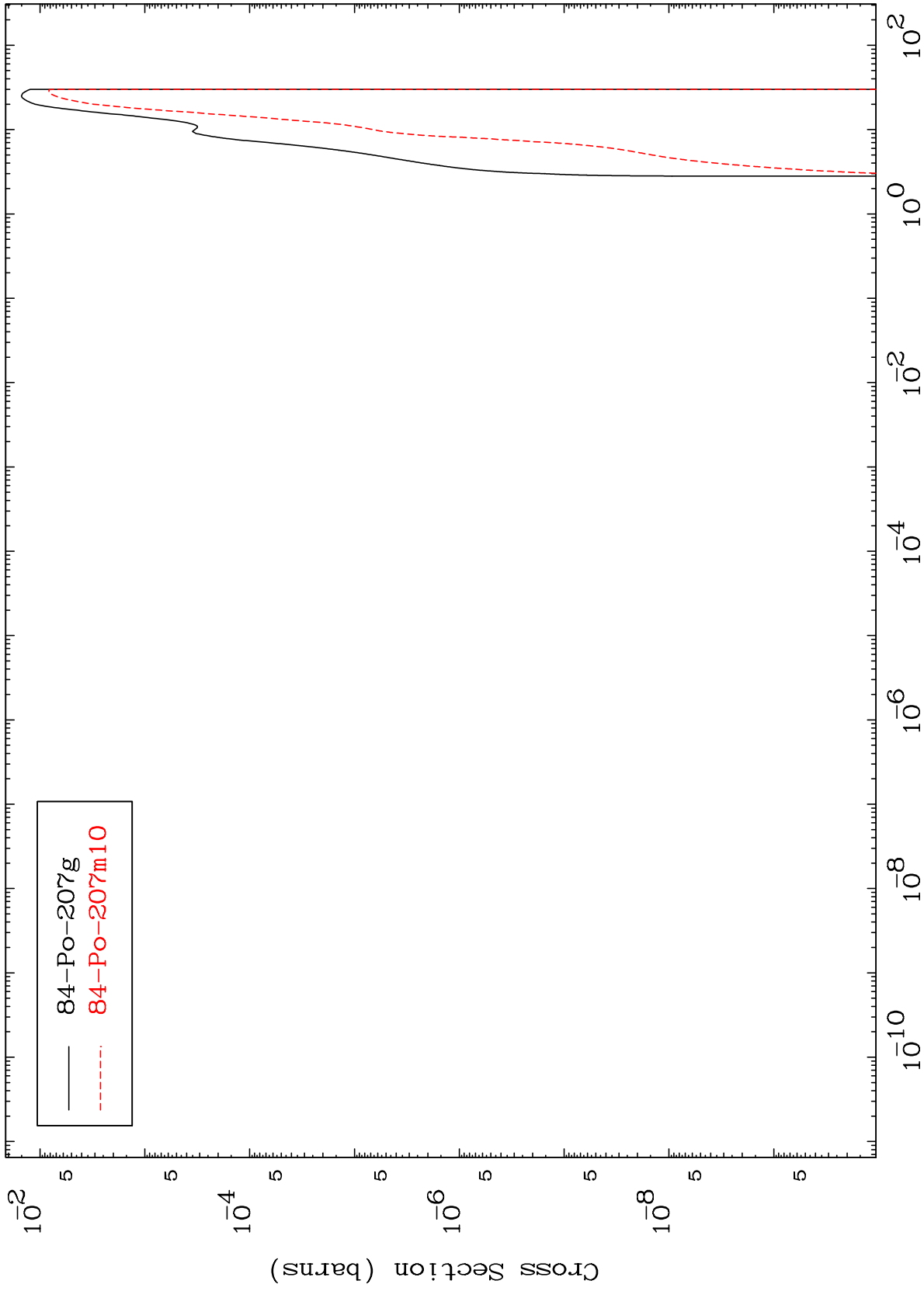
86-Rn-211

MAT 8625

(n,n') α

86-Rn-211

Radionuclide Production Cross Section



114

Incident Energy (MeV)

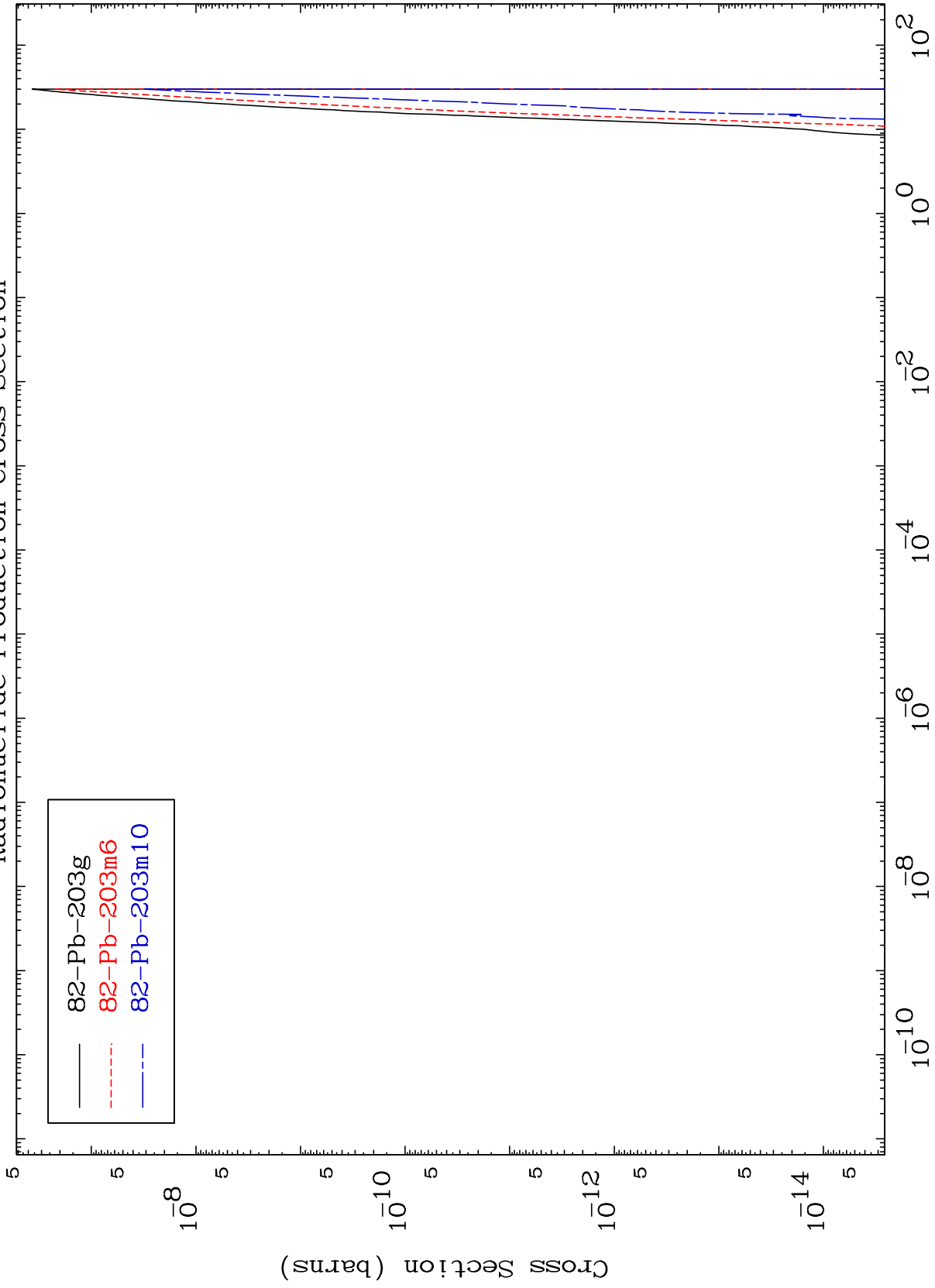
86-Rn-211

MAT 8625

(n, n') 2 α

86-Rn-211

Radionuclide Production Cross Section



115

Incident Energy (MeV)

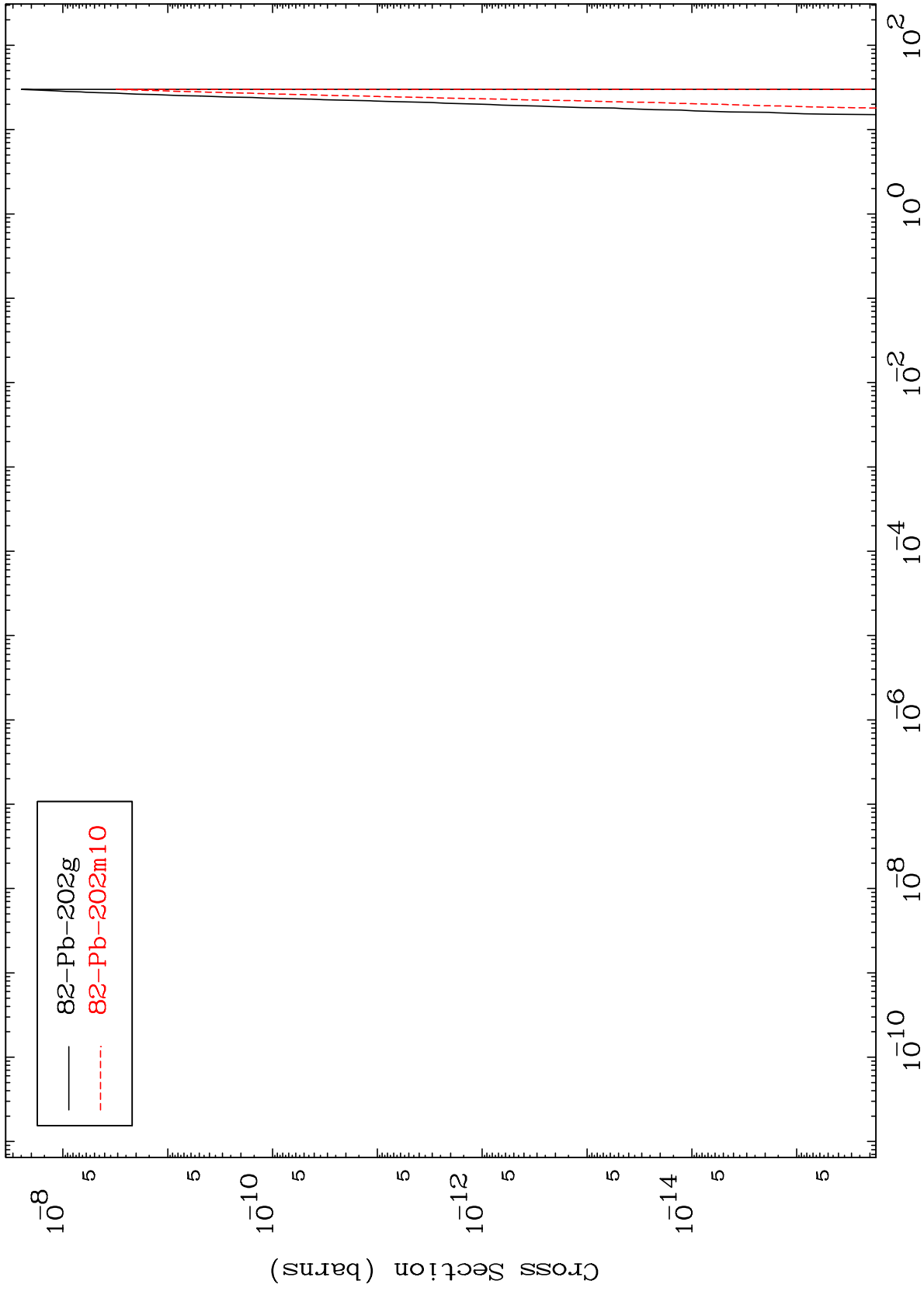
86-Rn-211

MAT 8625

(n,2n) 2 α

86-Rn-211

Radionuclide Production Cross Section



116

Incident Energy (MeV)

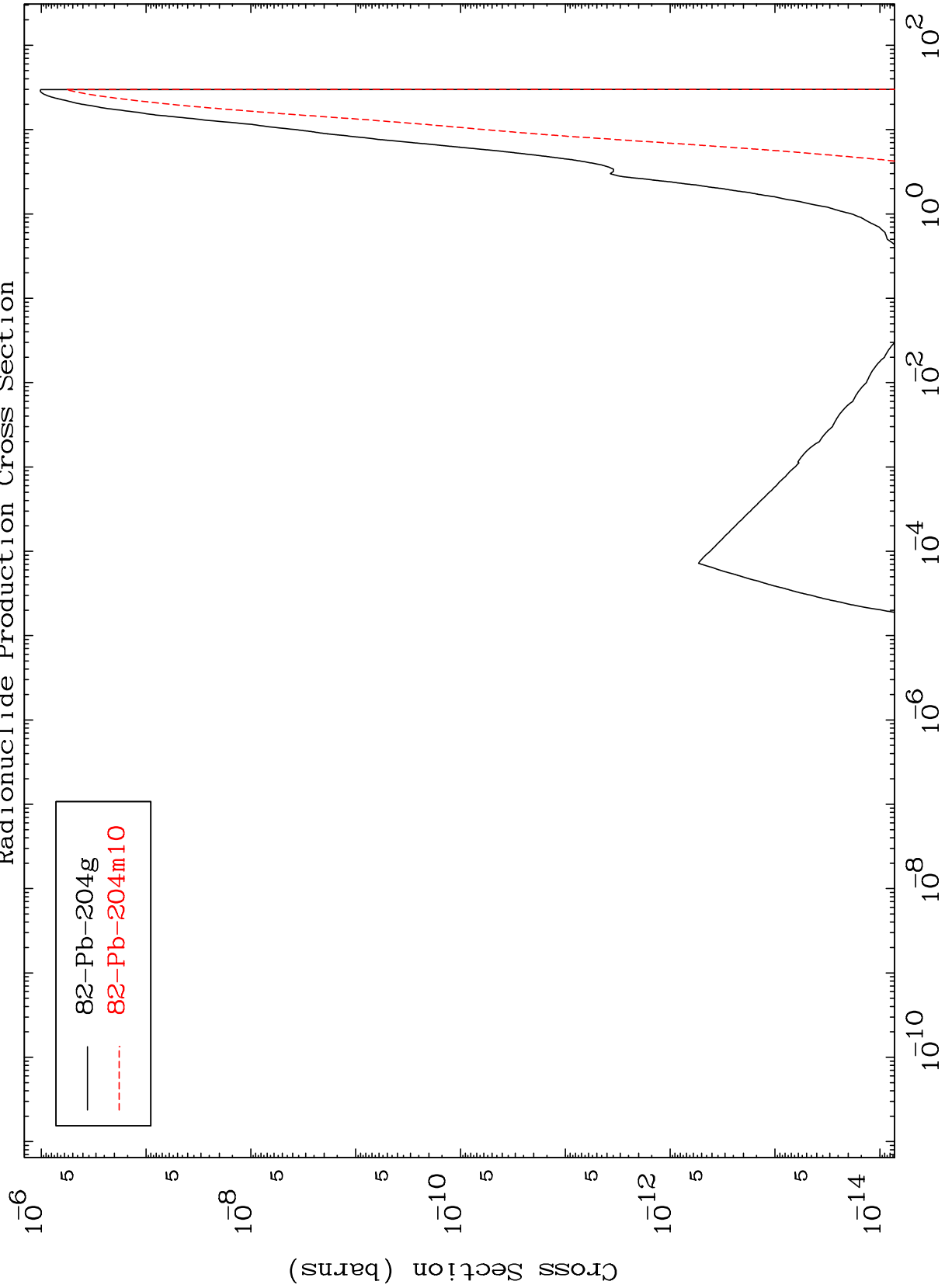
86-Rn-211

MAT 8625

(n,2α)

86-Rn-211

Radionuclide Production Cross Section



82-Pb-204g
82-Pb-204m10

117

Incident Energy (MeV)

86-Rn-211