

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

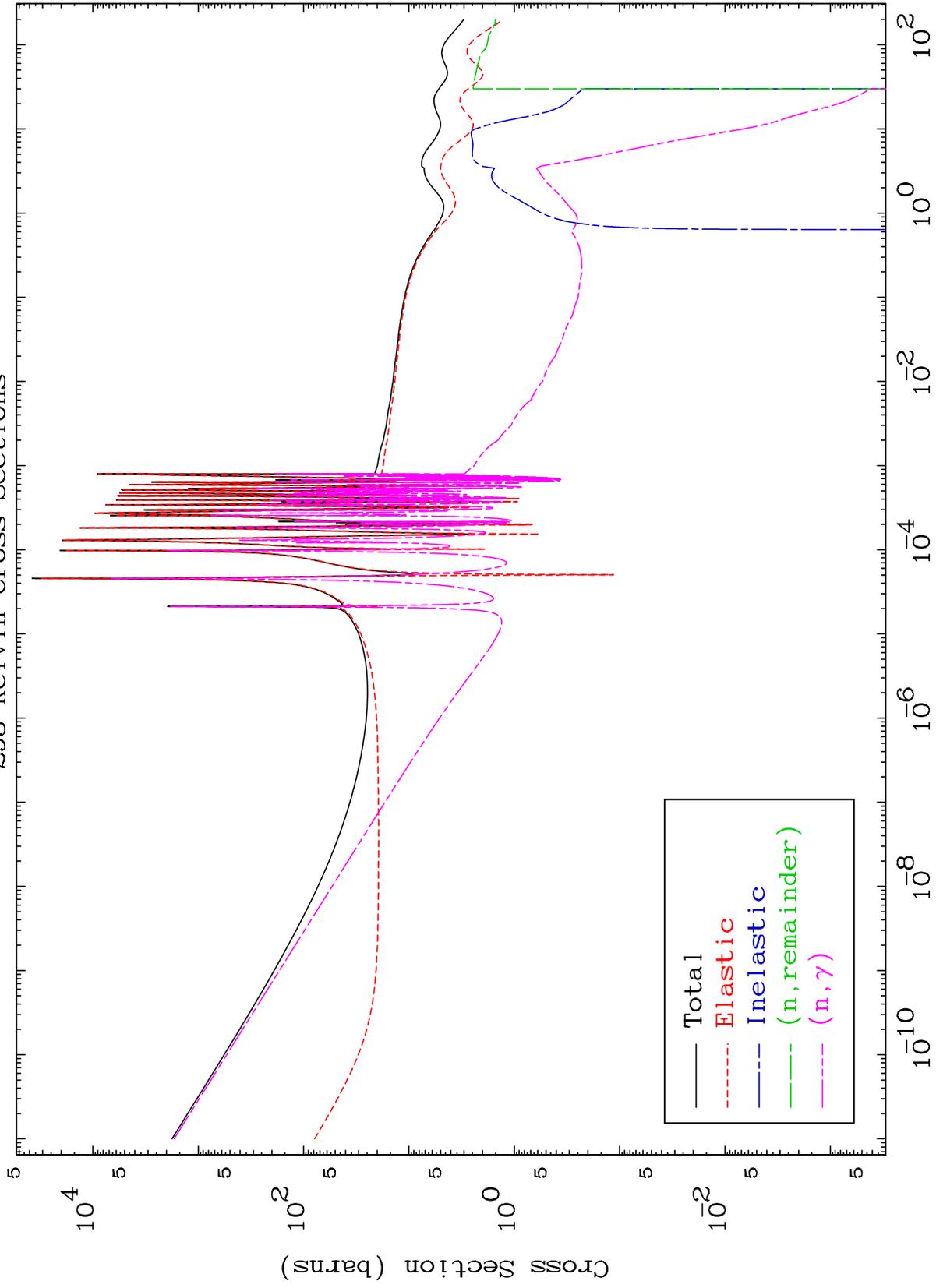
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8616

Major
293 Kelvin Cross Sections

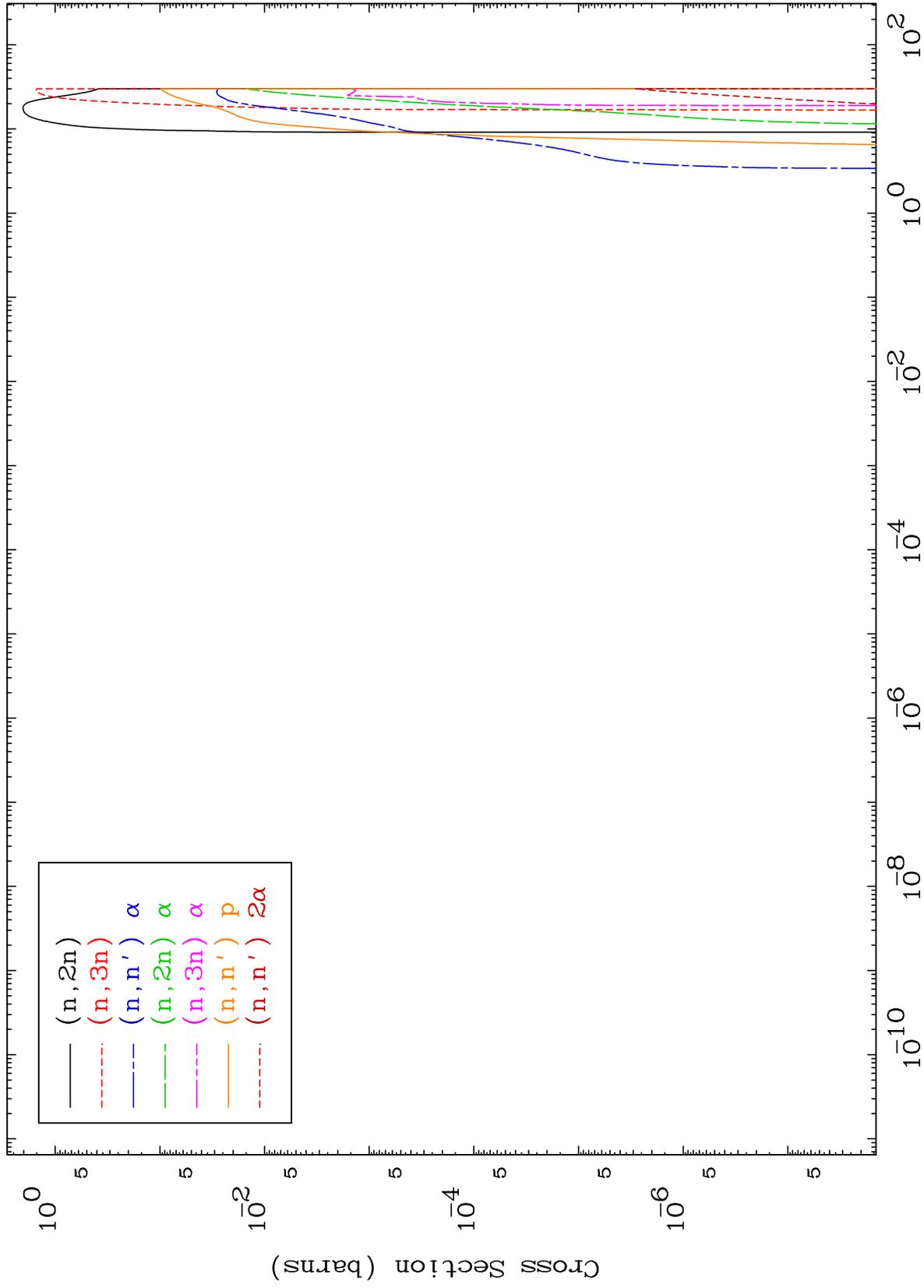
86-Rn-208



MAT 8616

Neutron Production
293 Kelvin Cross Sections

86-Rn-208

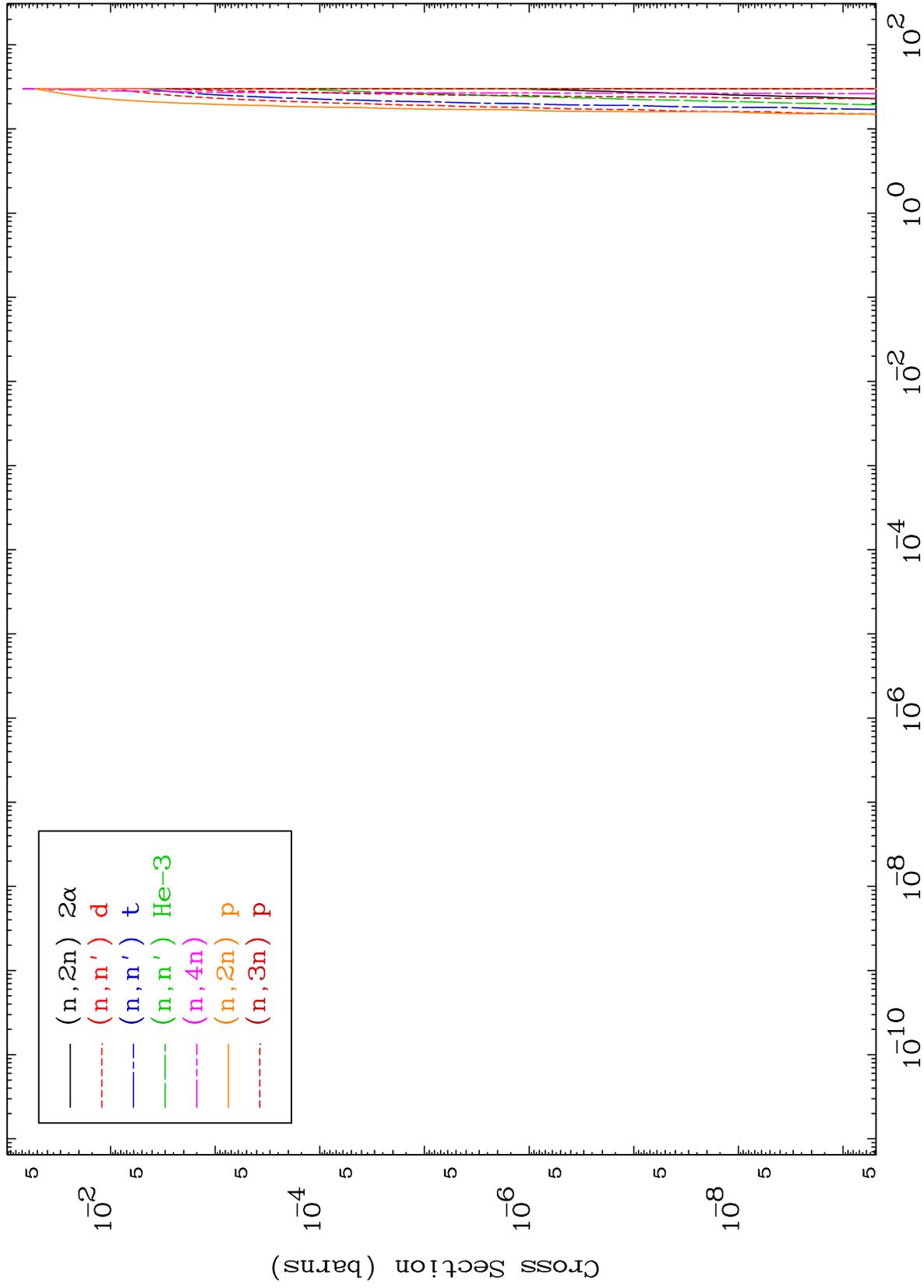


86-Rn-208

MAT 8616

Neutron Production
293 Kelvin Cross Sections

86-Rn-208



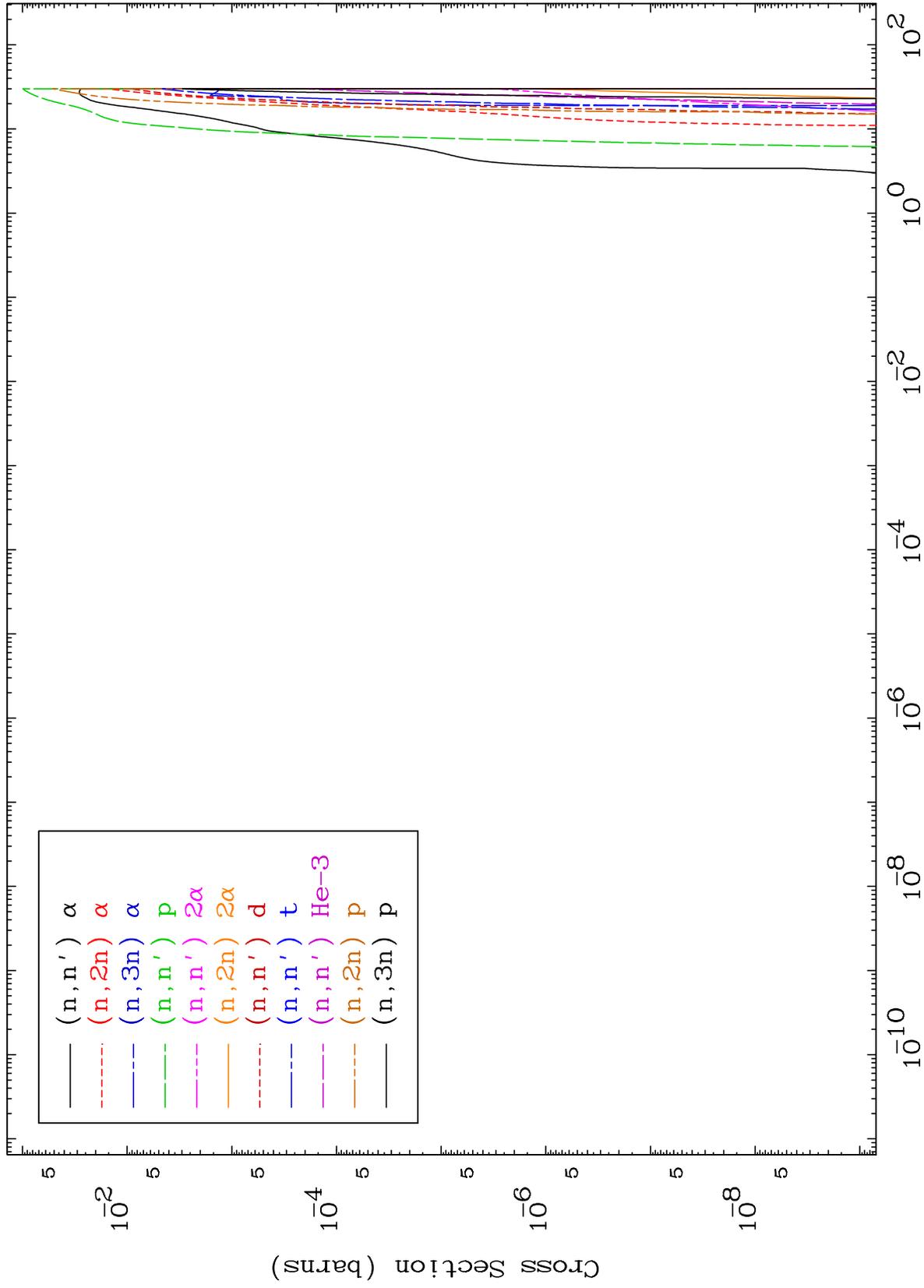
3

86-Rn-208

MAT 8616

293 Kelvin Cross Sections

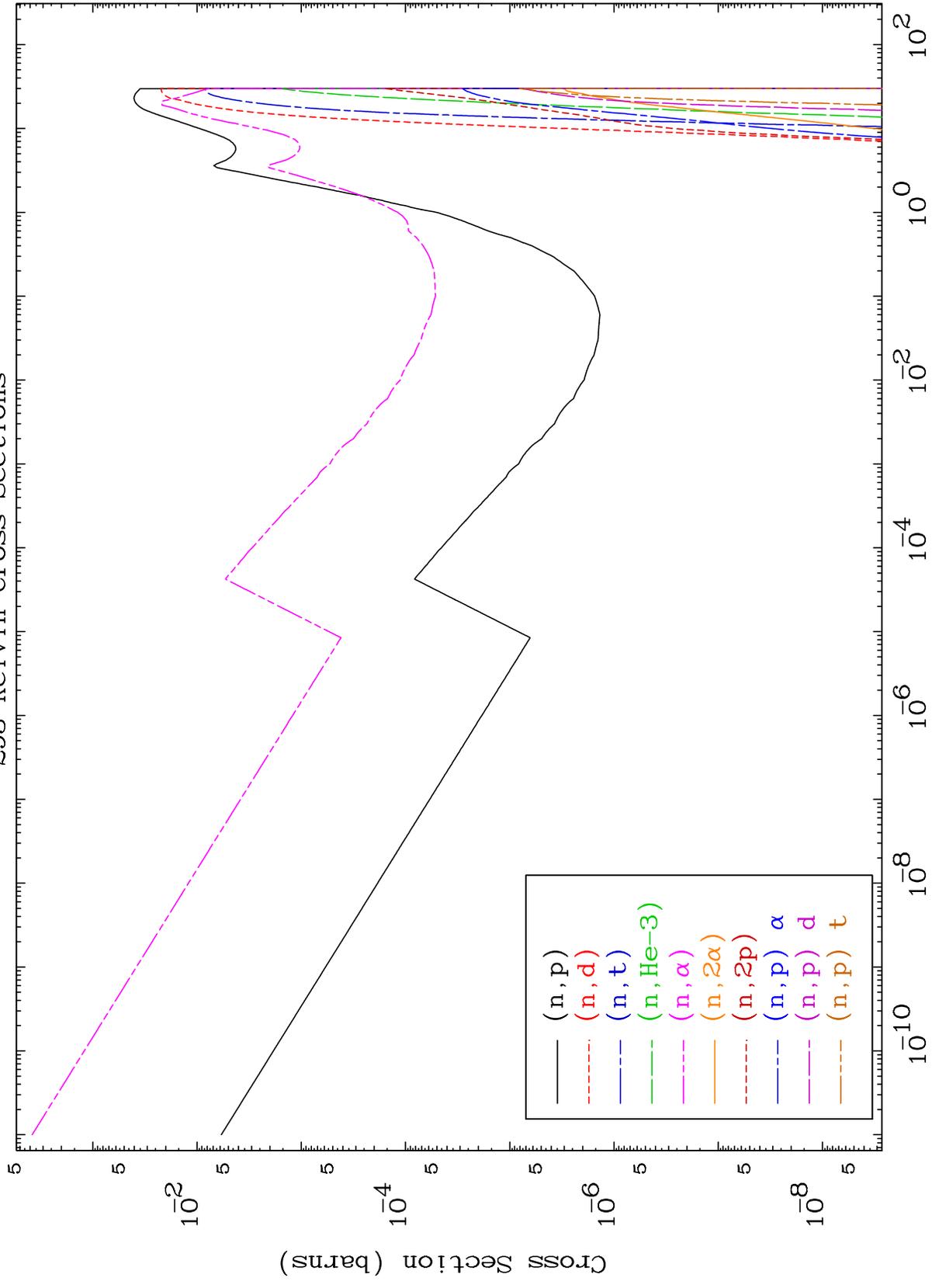
86-Rn-208



MAT 8616

293 Kelvin Cross Sections

86-Rn-208



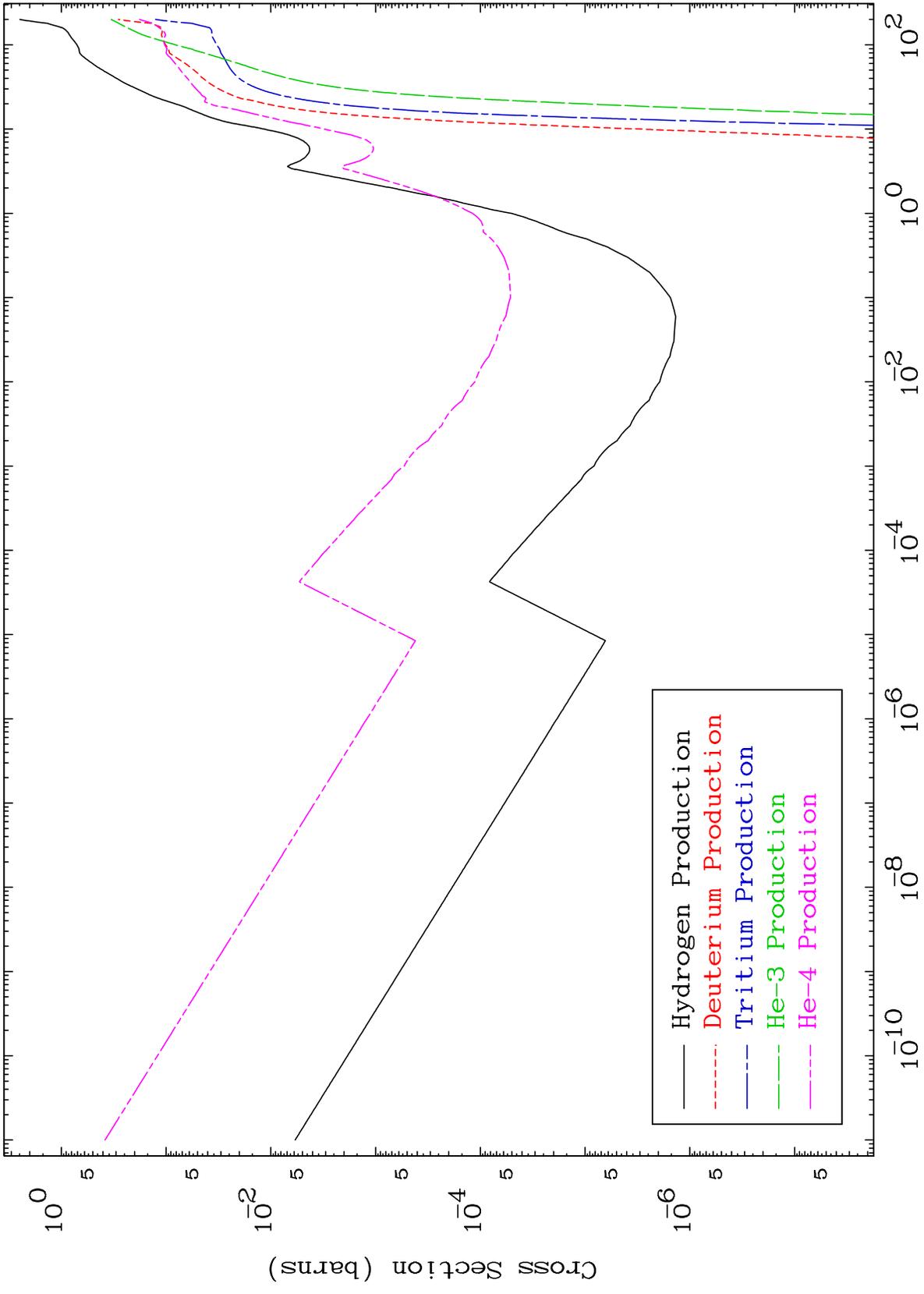
5

86-Rn-208

MAT 8616

Particle Production
293 Kelvin Cross Sections

86-Rn-208



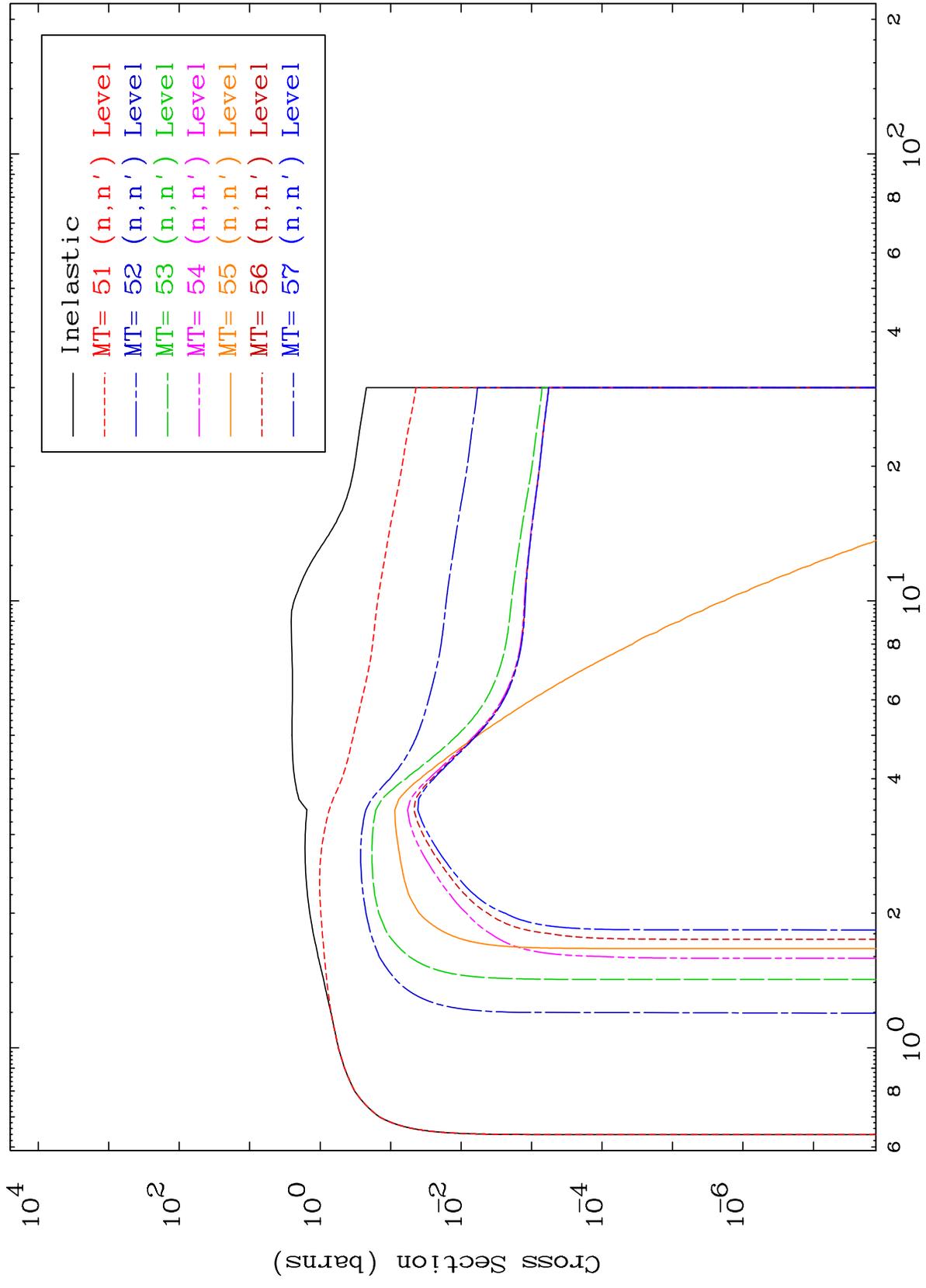
86-Rn-208

MAT 8616

(n,n') Level

86-Rn-208

293 Kelvin Cross Sections



7

Incident Energy (MeV)

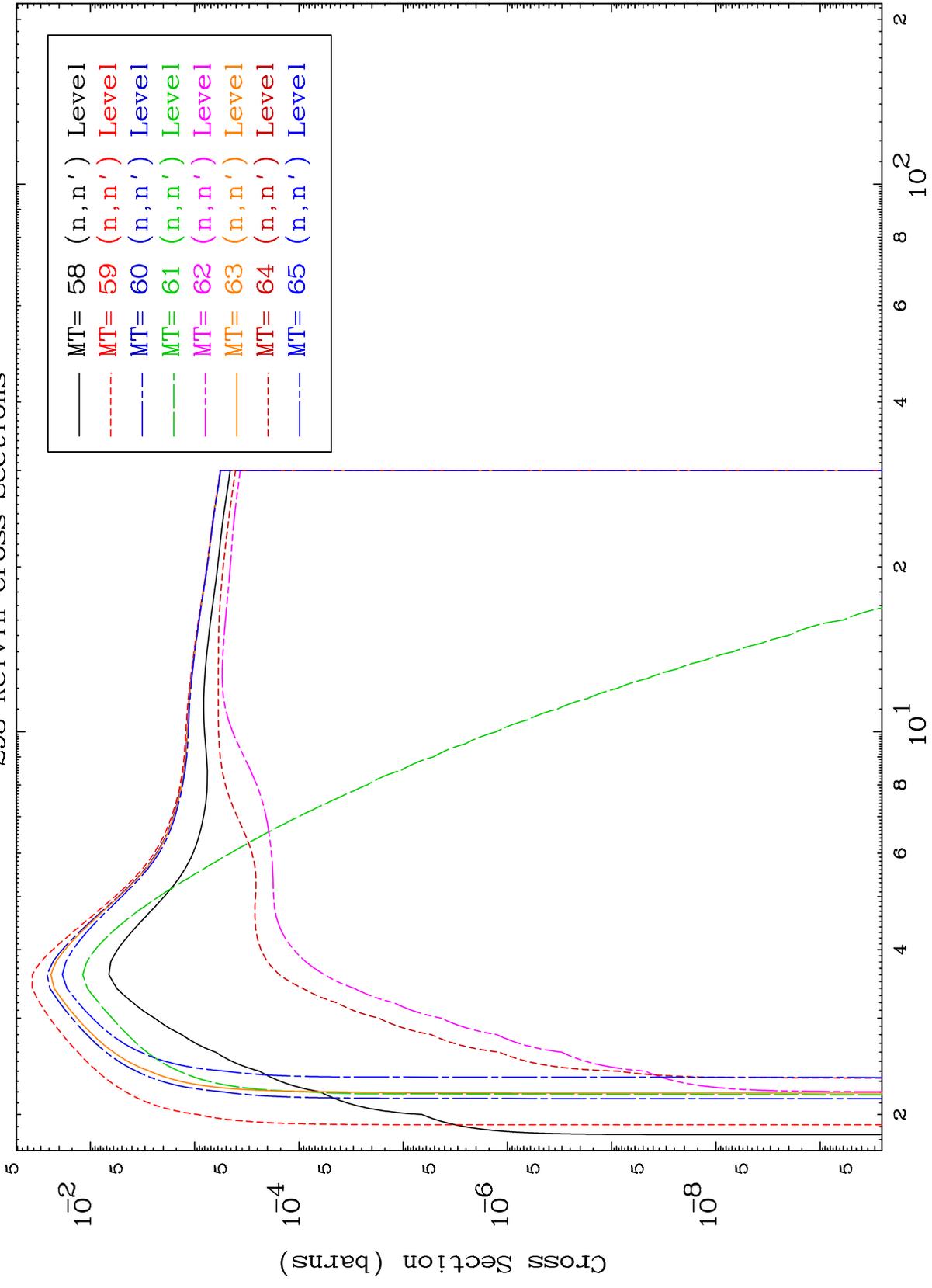
86-Rn-208

MAT 8616

(n,n') Level

86-Rn-208

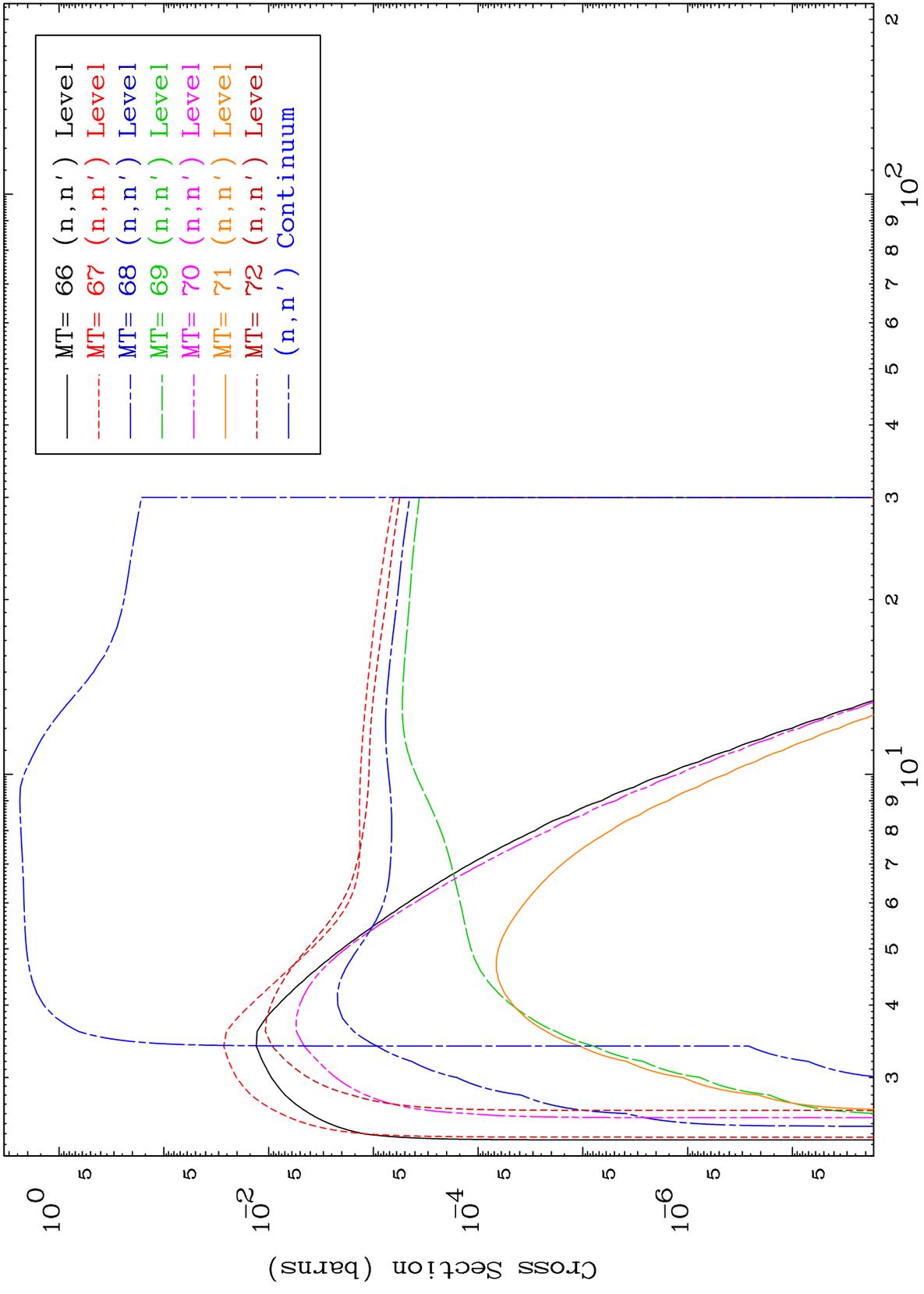
293 Kelvin Cross Sections



8

Incident Energy (MeV)

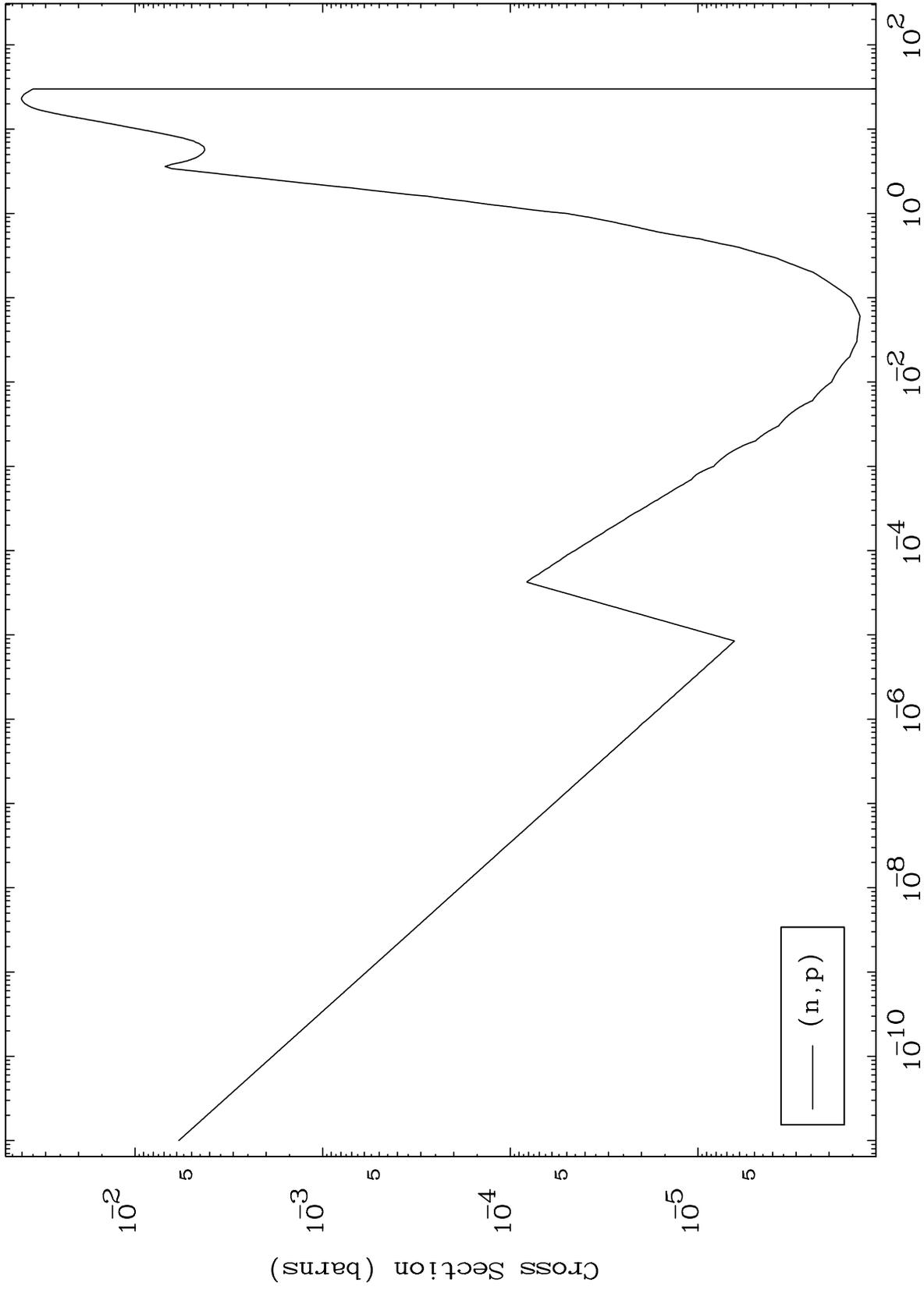
86-Rn-208



MAT 8616

(n,p) Levels
293 Kelvin Cross Sections

86-Rn-208



10

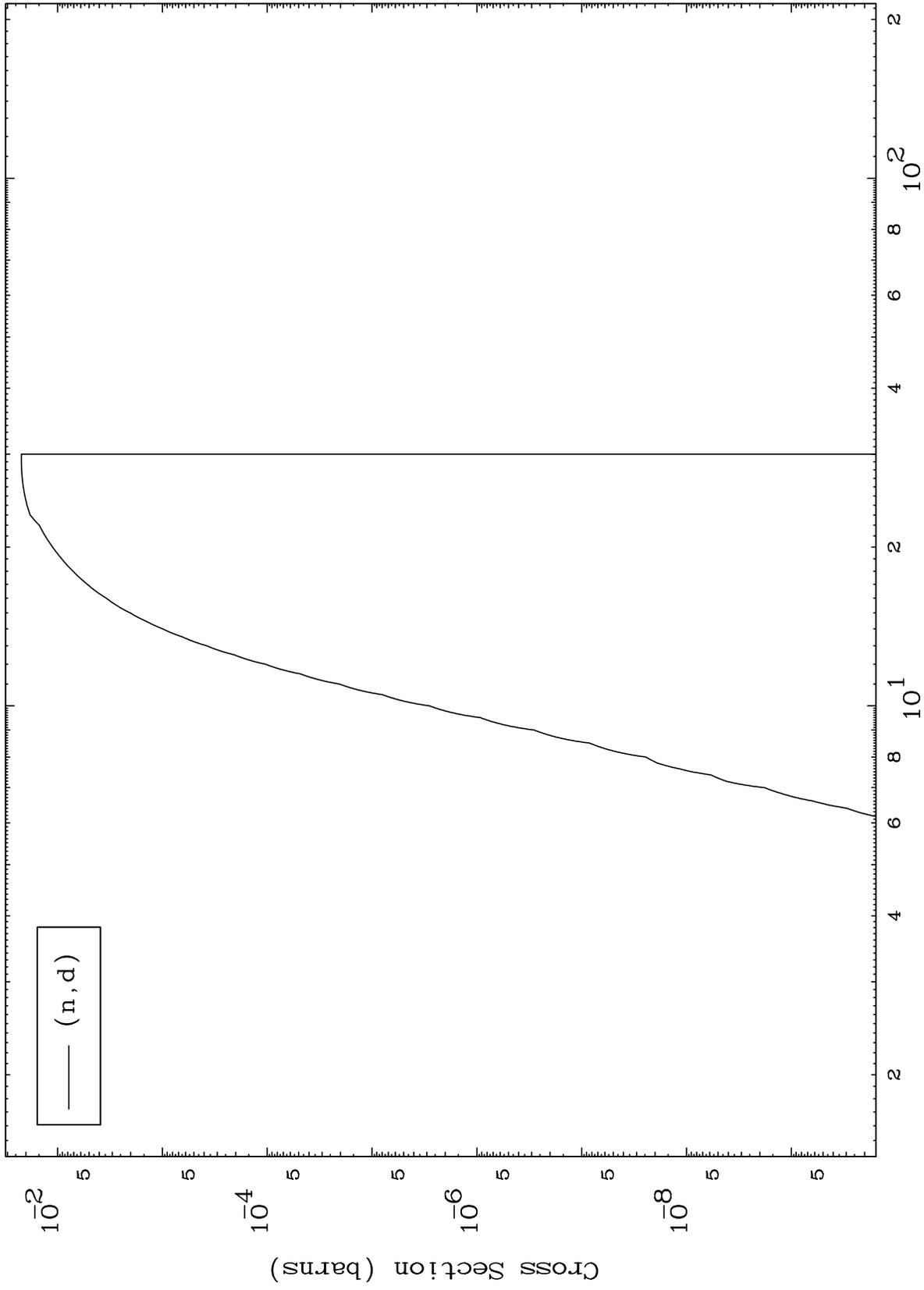
Incident Energy (MeV)

86-Rn-208

MAT 8616

(n,d) Levels
293 Kelvin Cross Sections

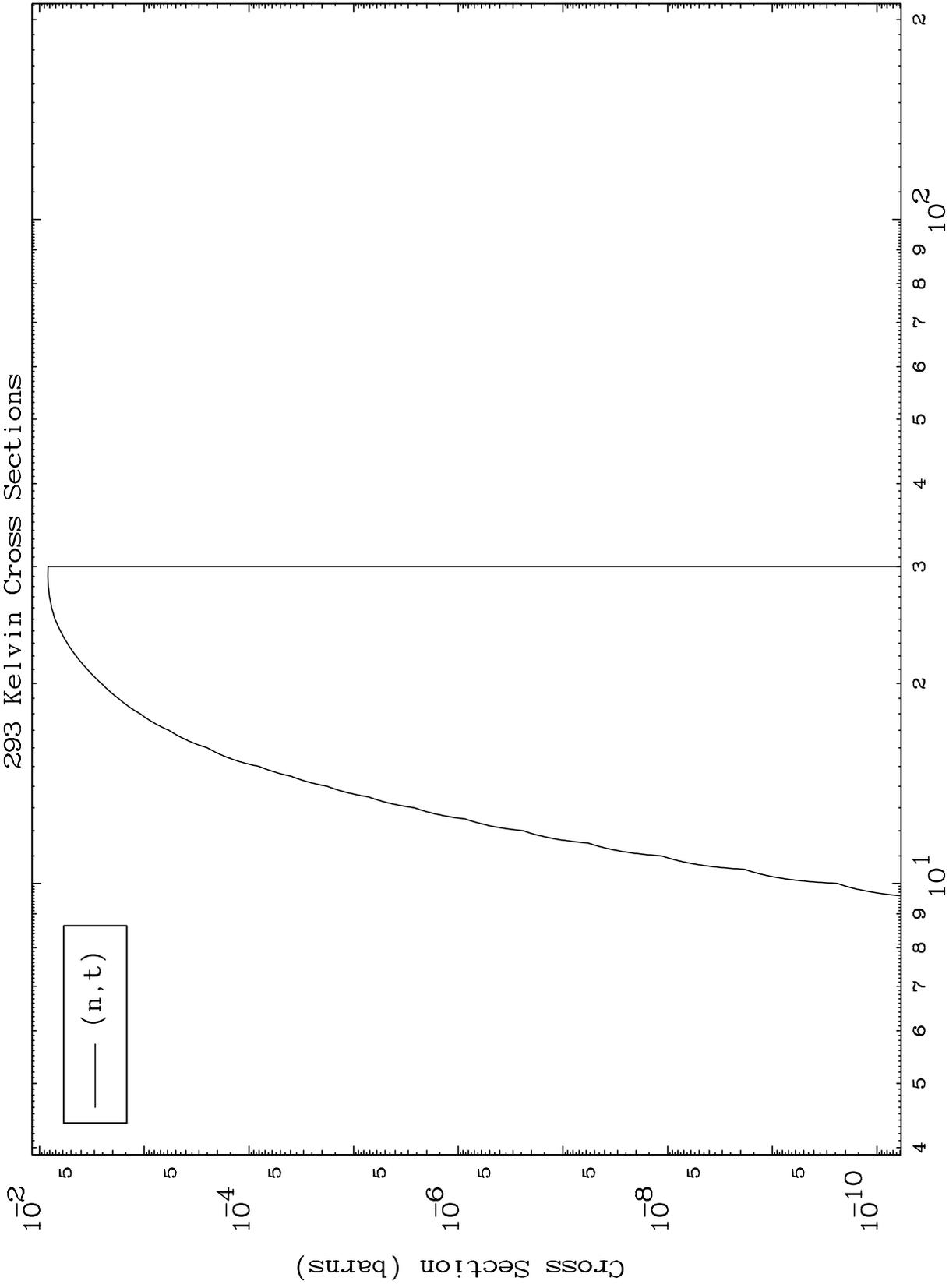
86-Rn-208



MAT 8616

86-Rn-208

(n,t) Levels
293 Kelvin Cross Sections



12

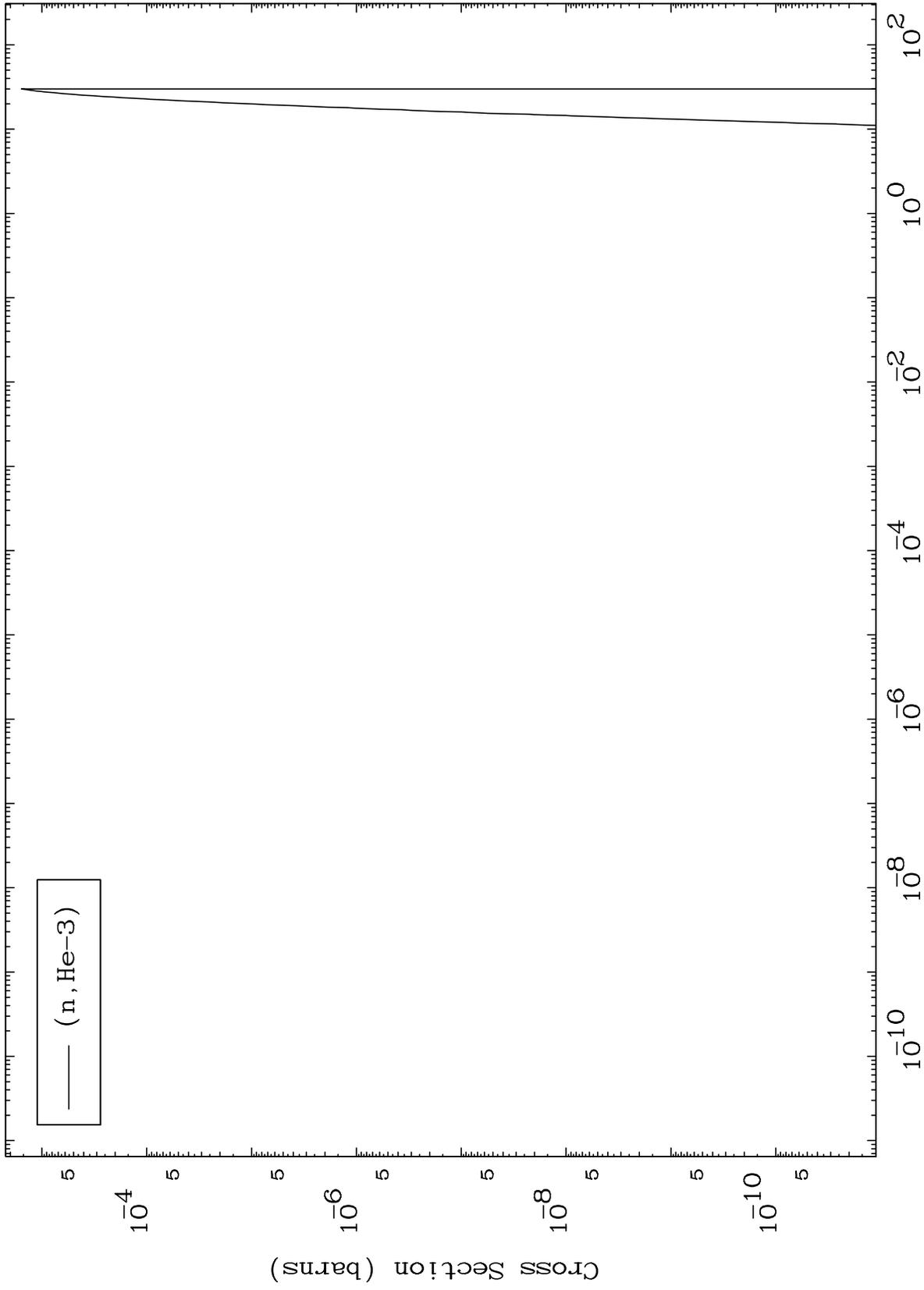
Incident Energy (MeV)

86-Rn-208

MAT 8616

(n,He3) Levels
293 Kelvin Cross Sections

86-Rn-208



13

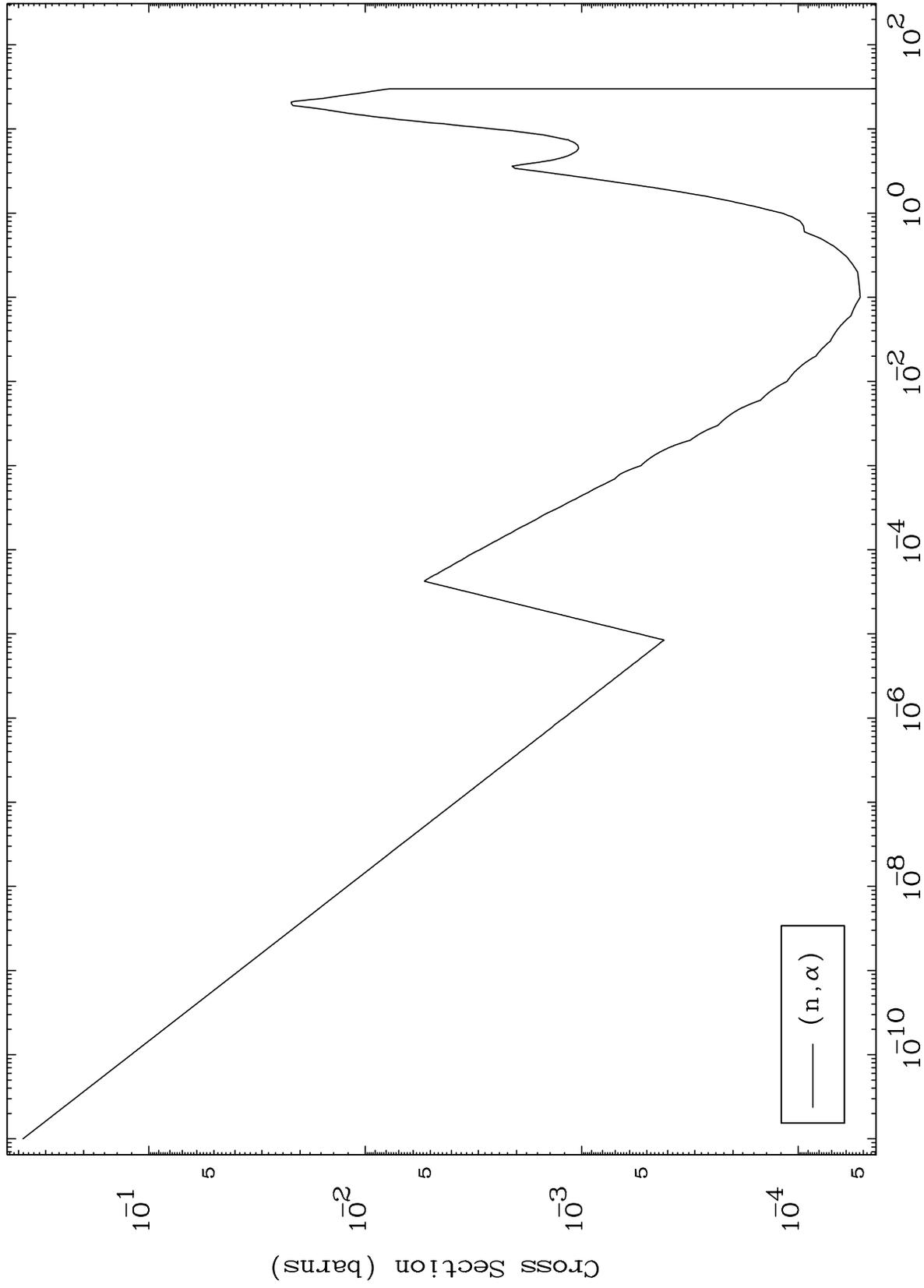
Incident Energy (MeV)

86-Rn-208

MAT 8616

(n,α) Levels
293 Kelvin Cross Sections

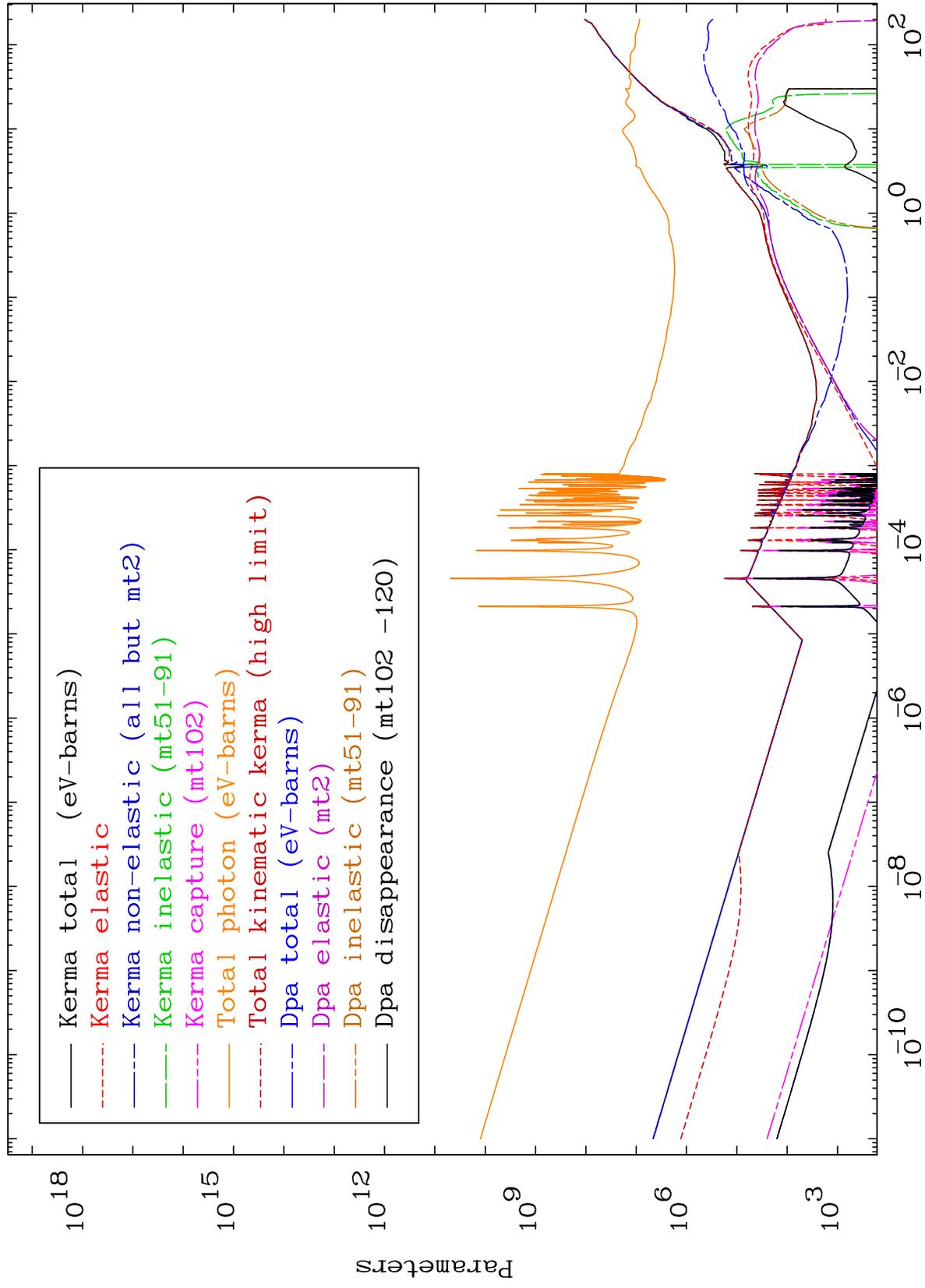
86-Rn-208



14

Incident Energy (MeV)

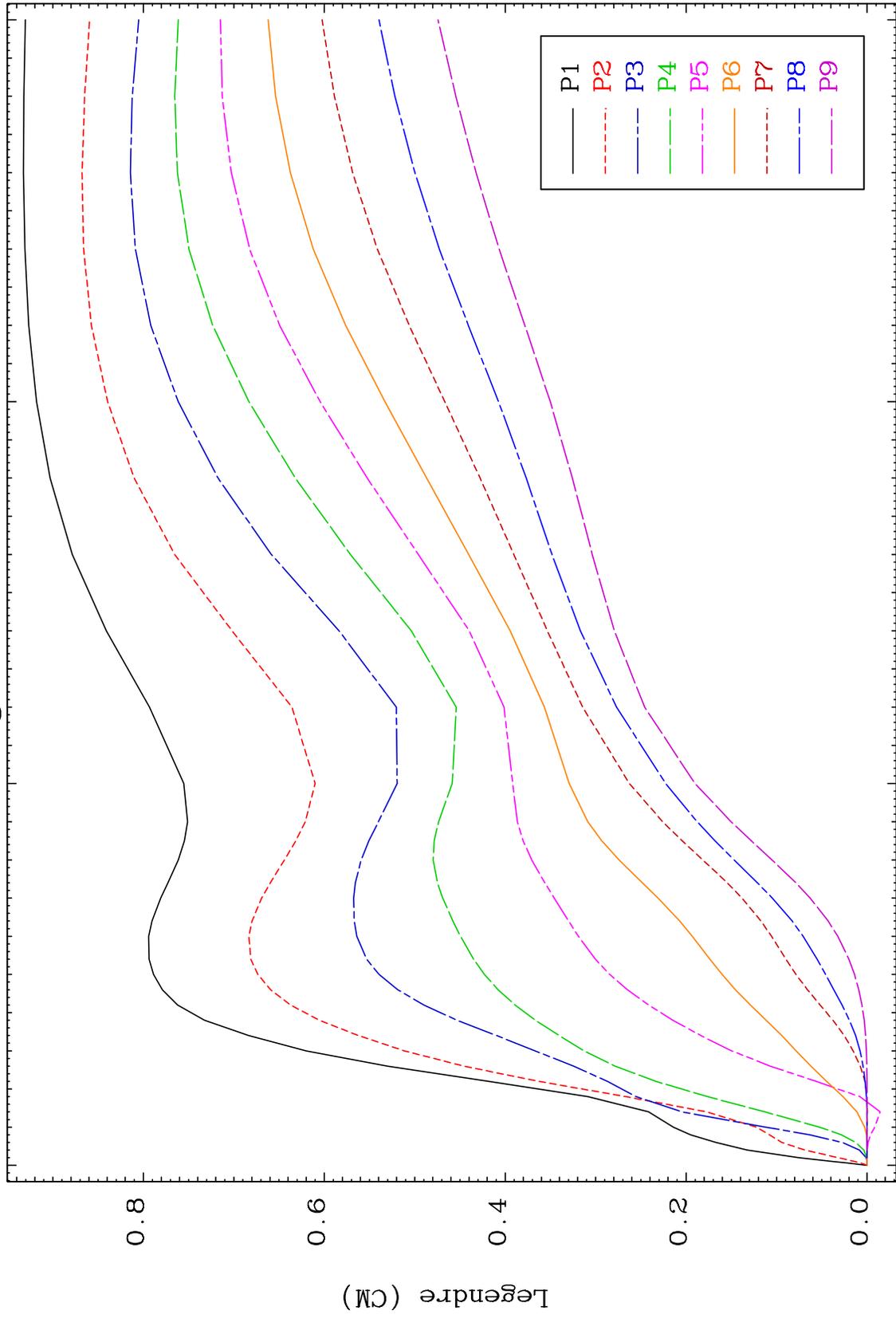
86-Rn-208



MAT 8616

86-Rn-208

Elastic Legendre Coefficients



16

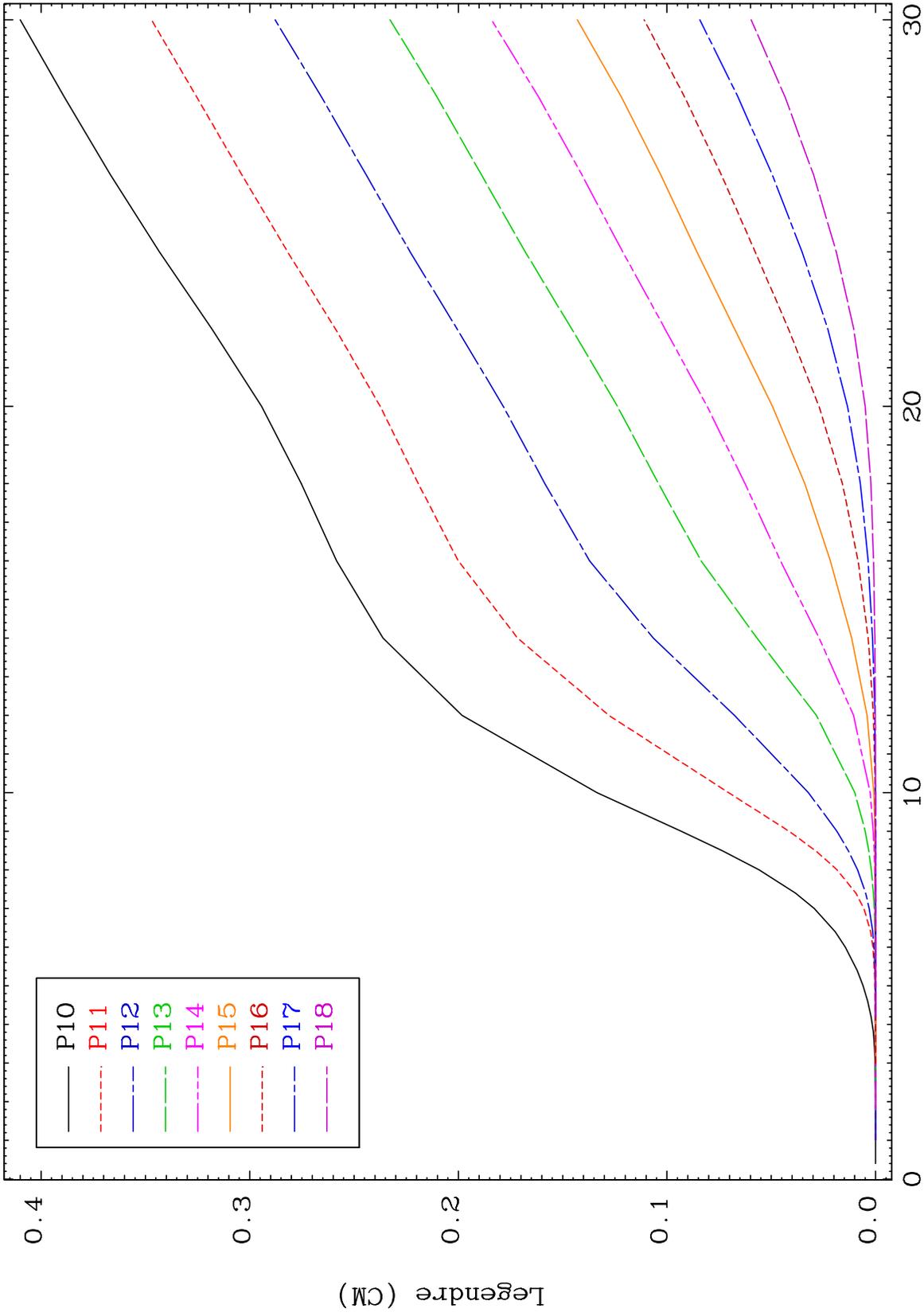
Incident Energy (MeV)

86-Rn-208

MAT 8616

Elastic Legendre Coefficients

86-Rn-208



17

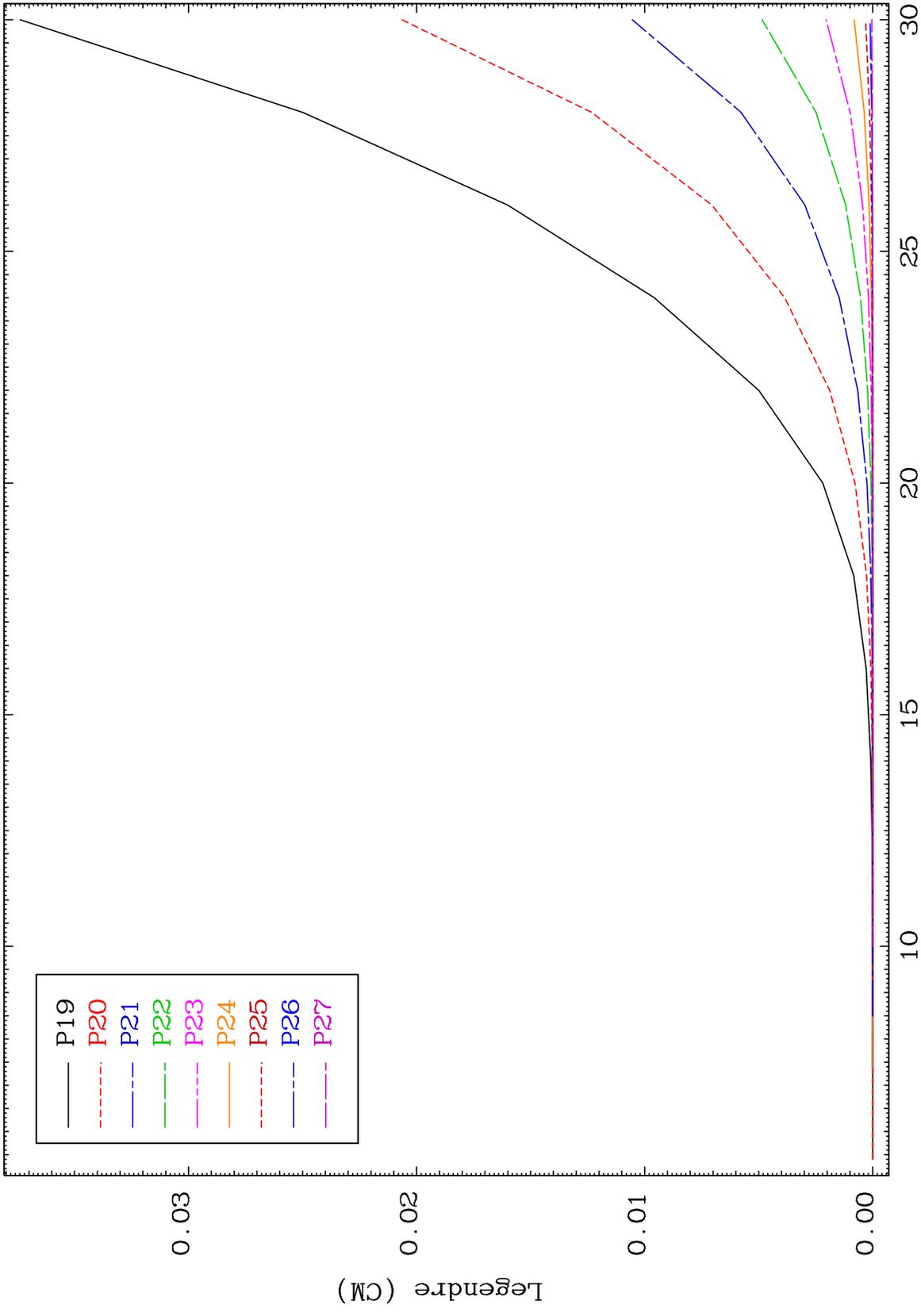
Incident Energy (MeV)

86-Rn-208

MAT 8616

Elastic Legendre Coefficients

86-Rn-208



18

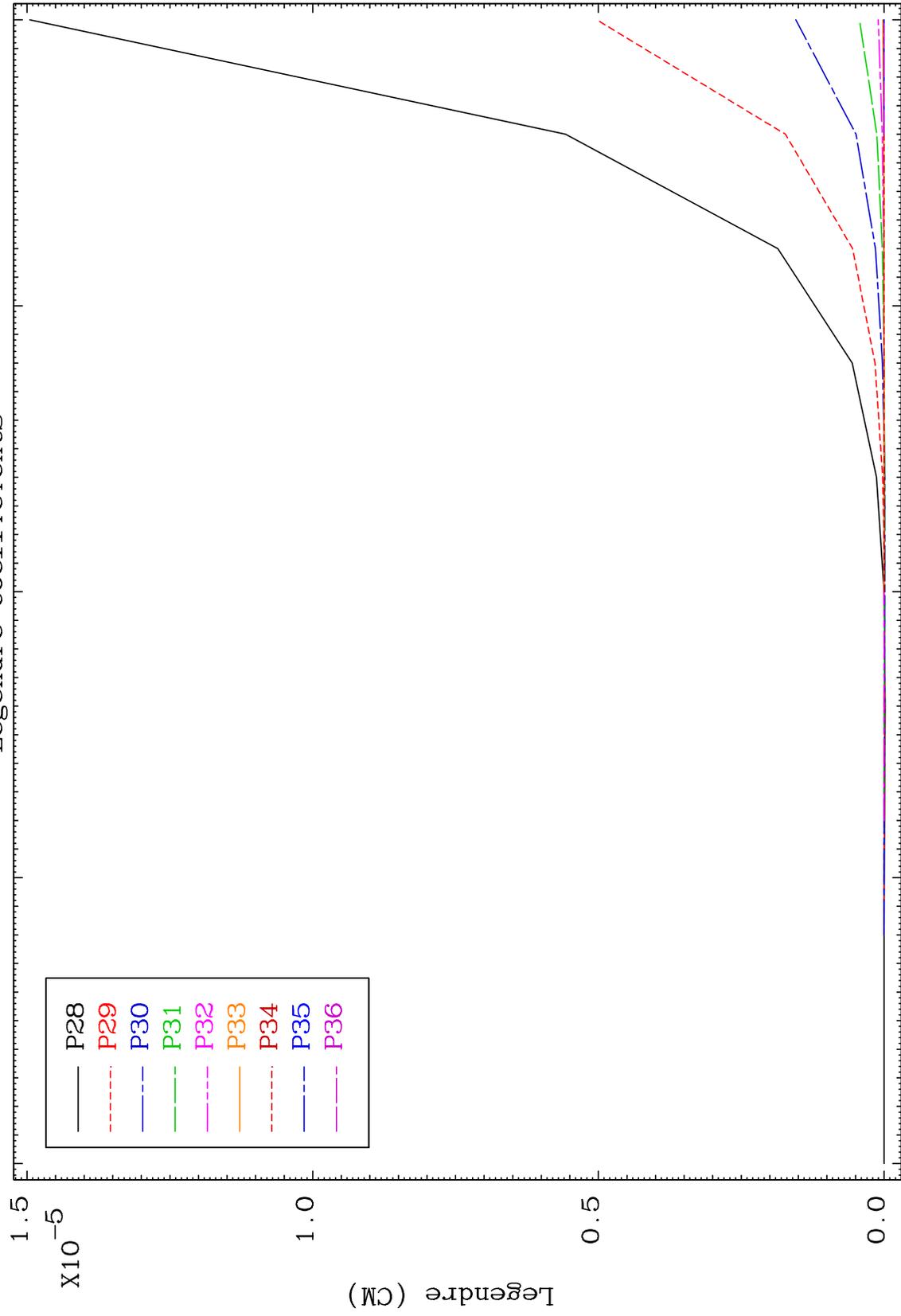
Incident Energy (MeV)

86-Rn-208

MAT 8616

Elastic Legendre Coefficients

86-Rn-208



19

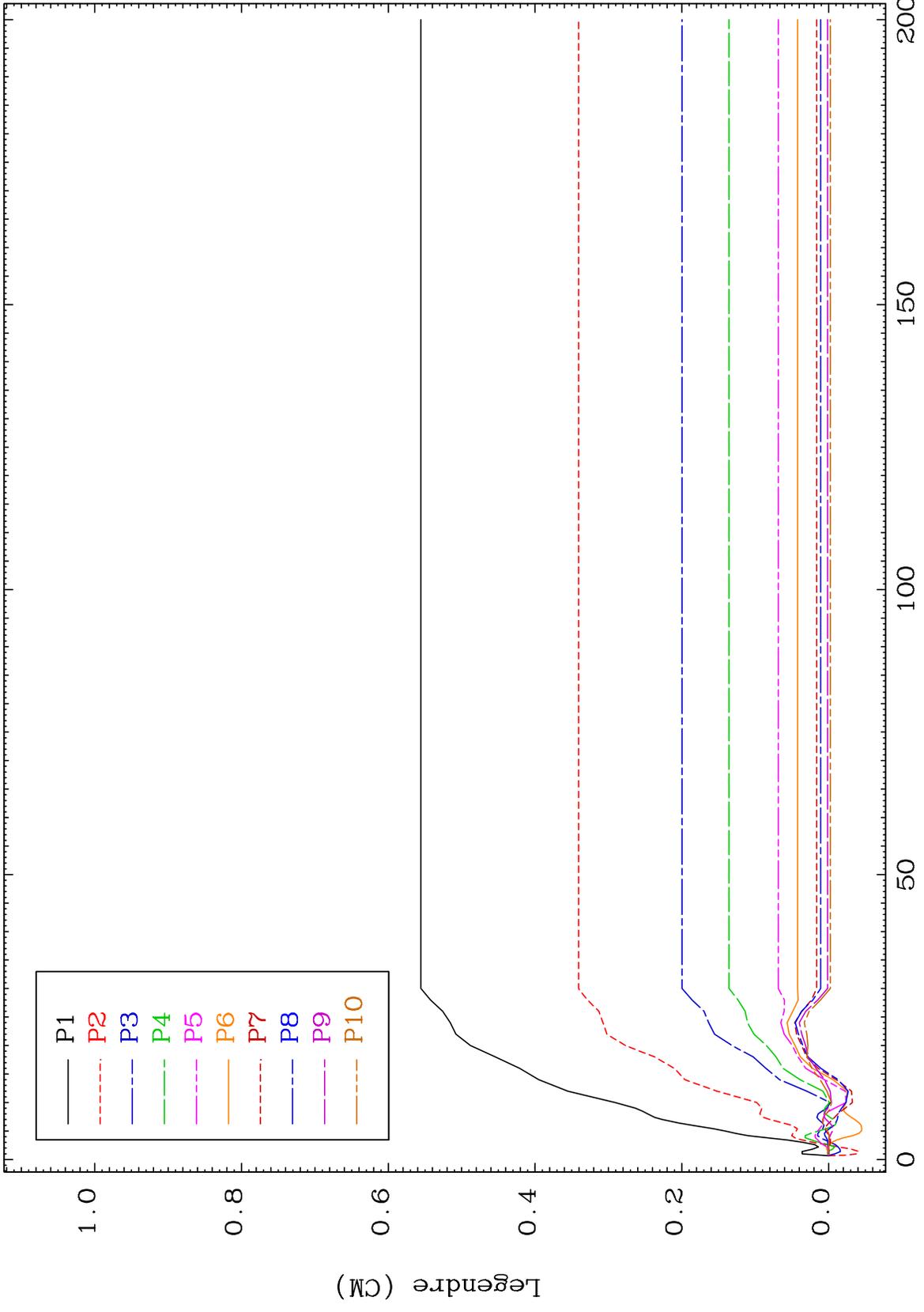
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



86-Rn-208

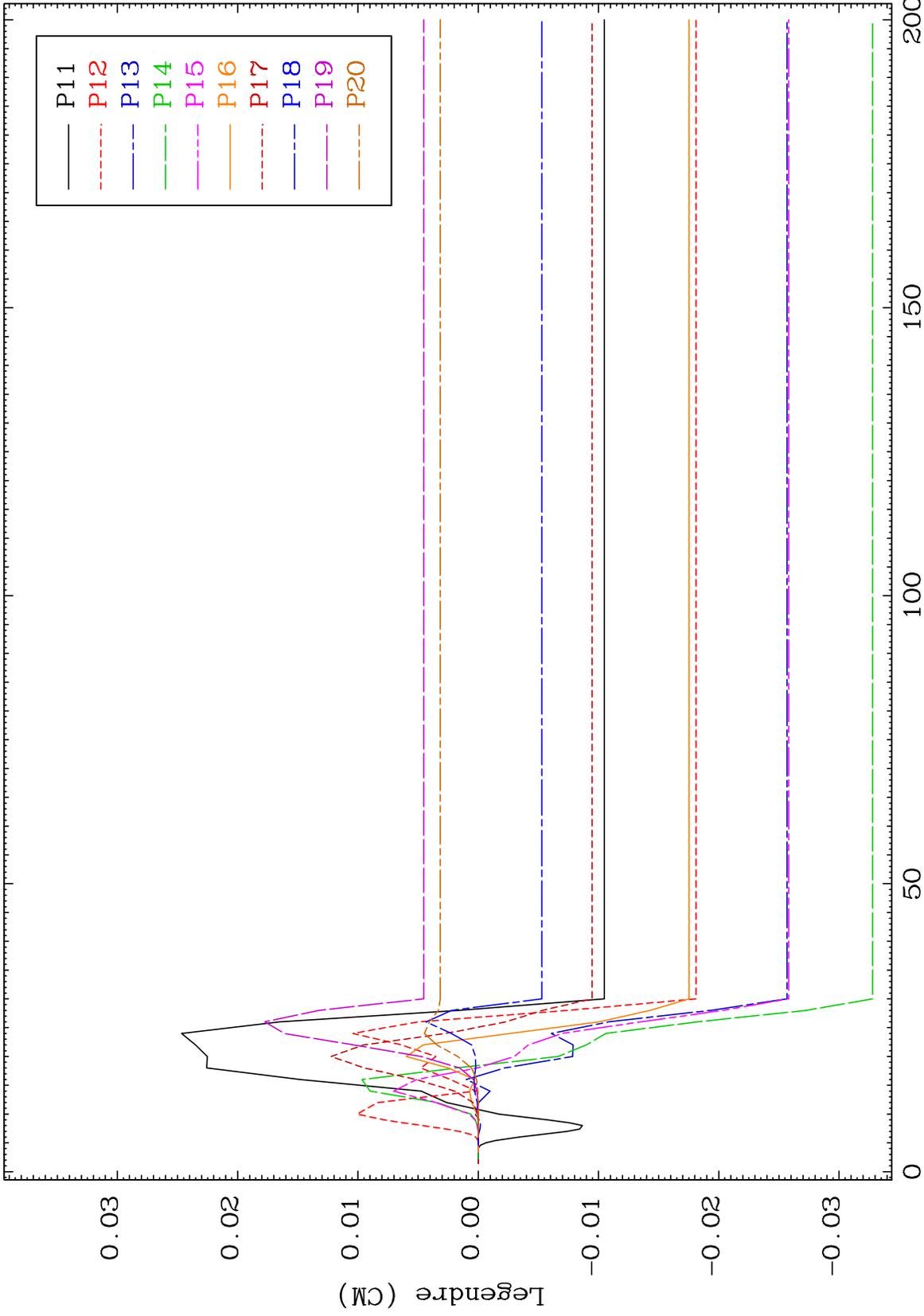
Incident Energy (MeV)

20

MAT 8616

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

86-Rn-208



21

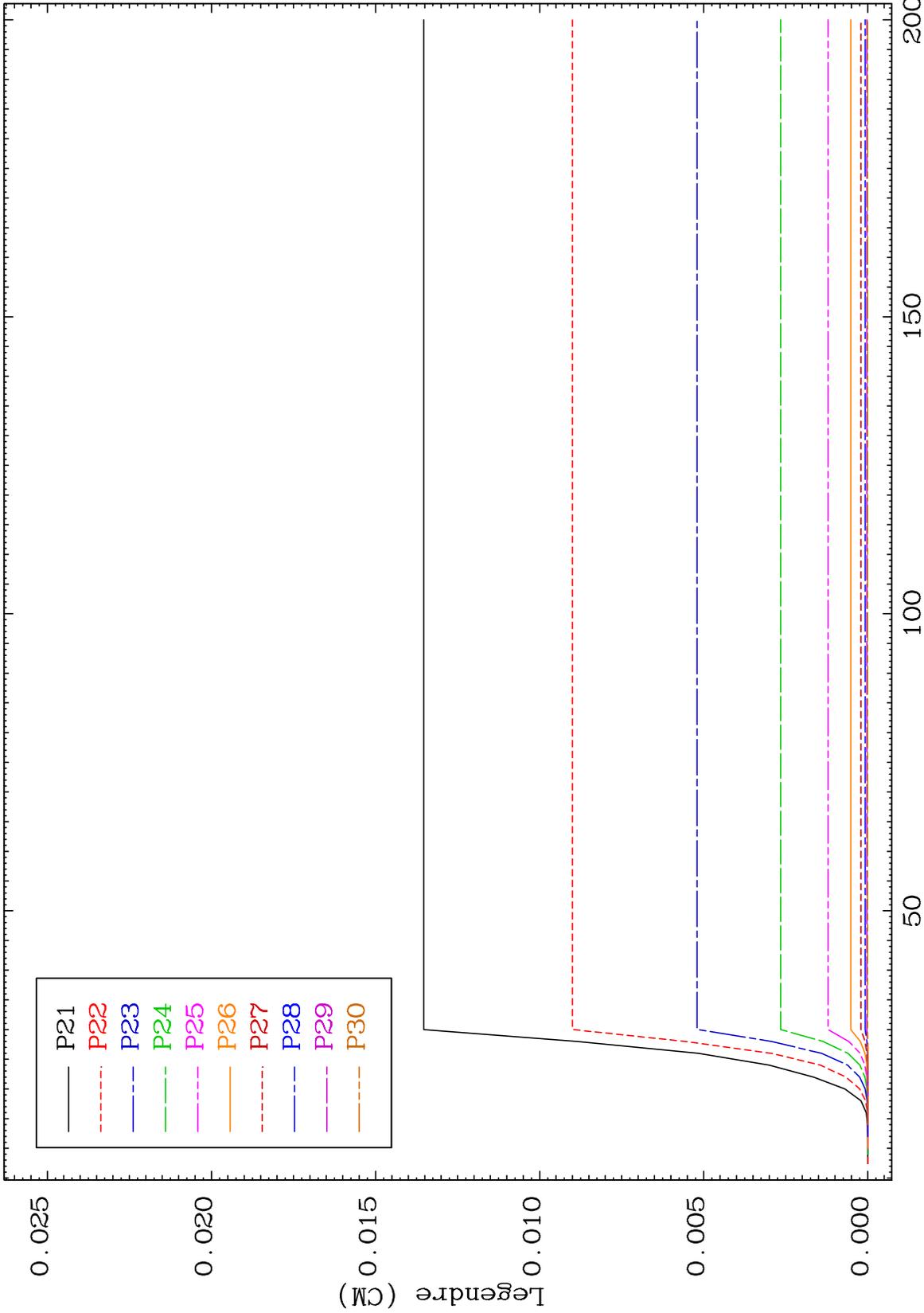
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



22

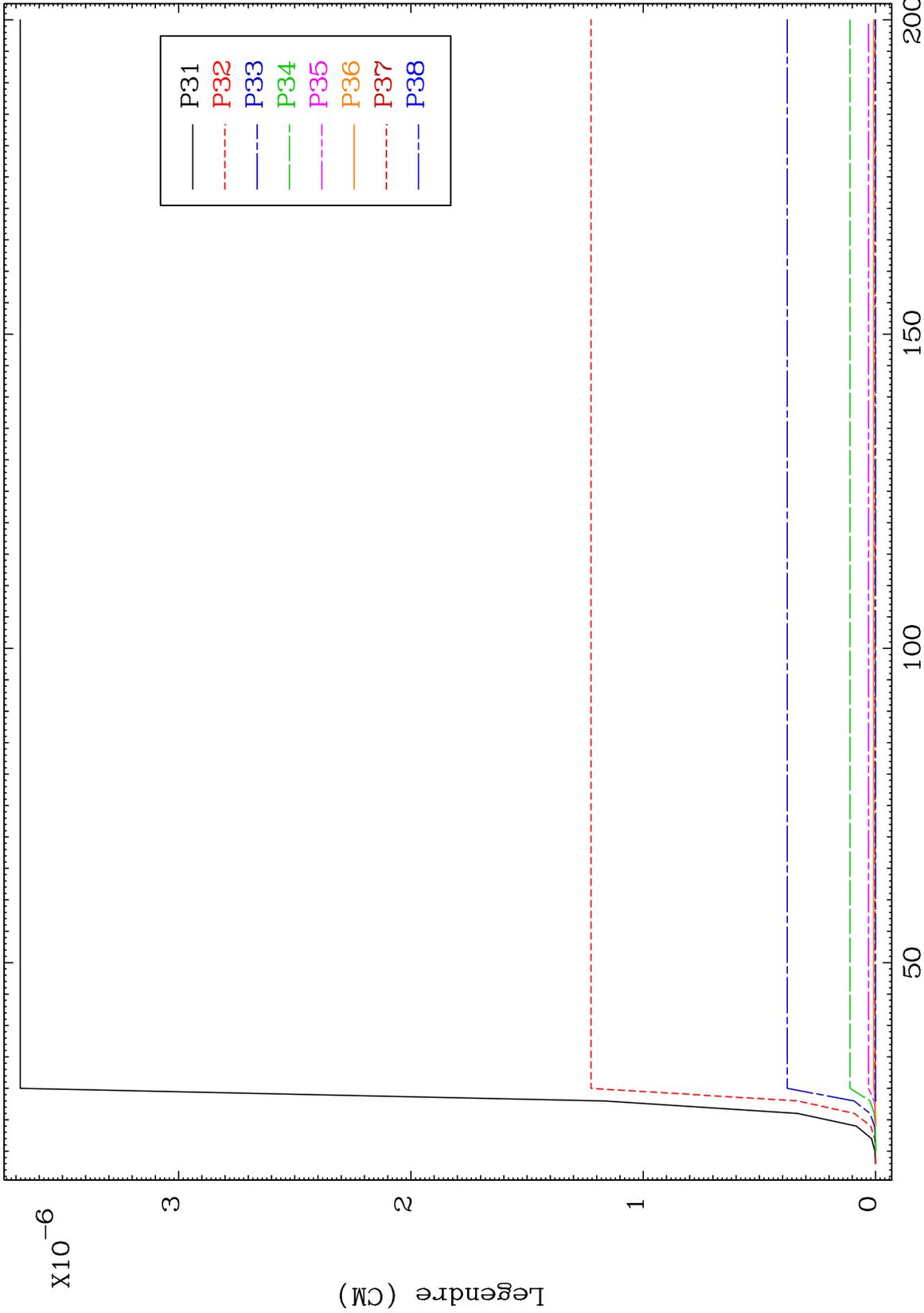
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



23

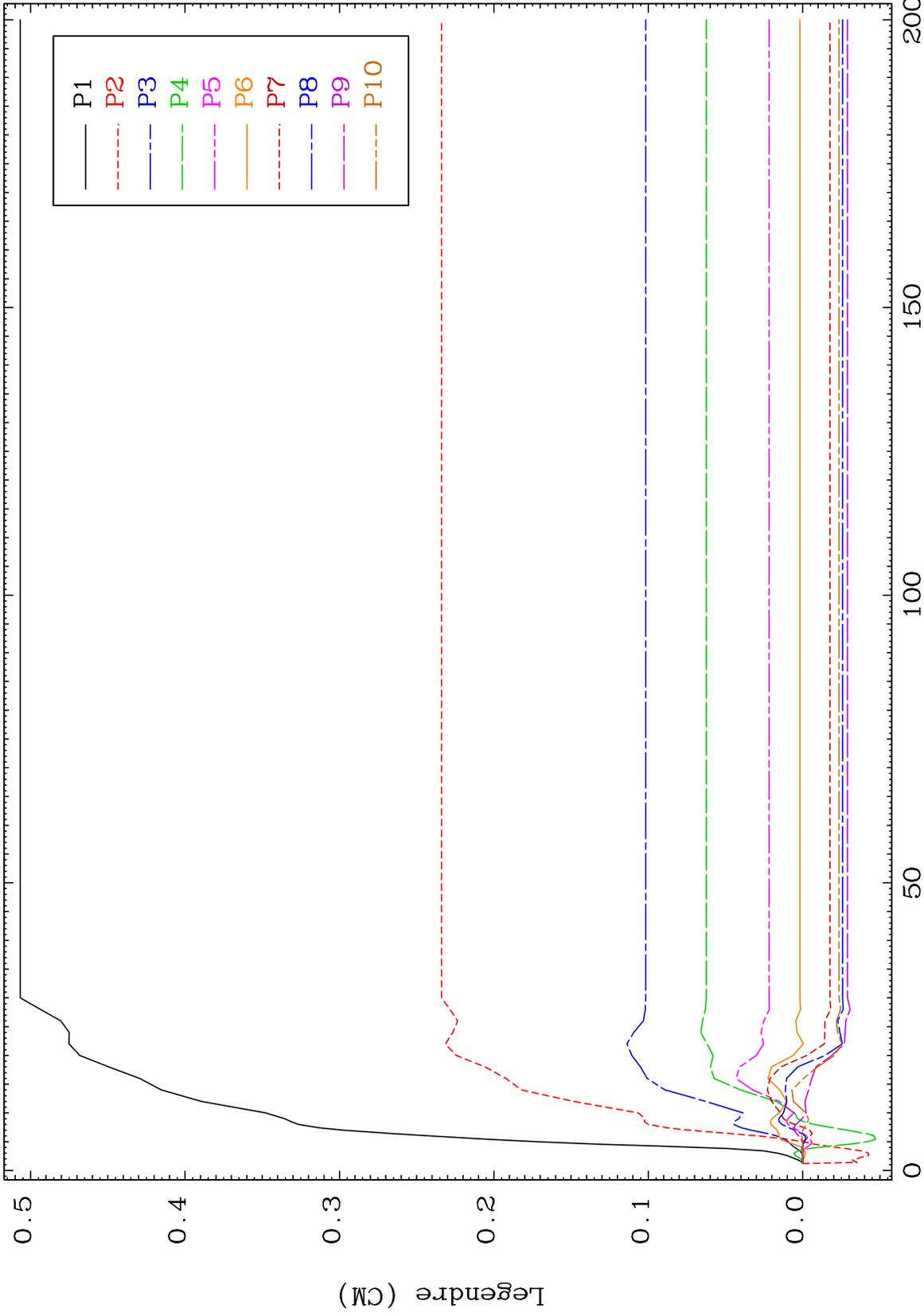
86-Rn-208

86-Rn-208

MAT 8616

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

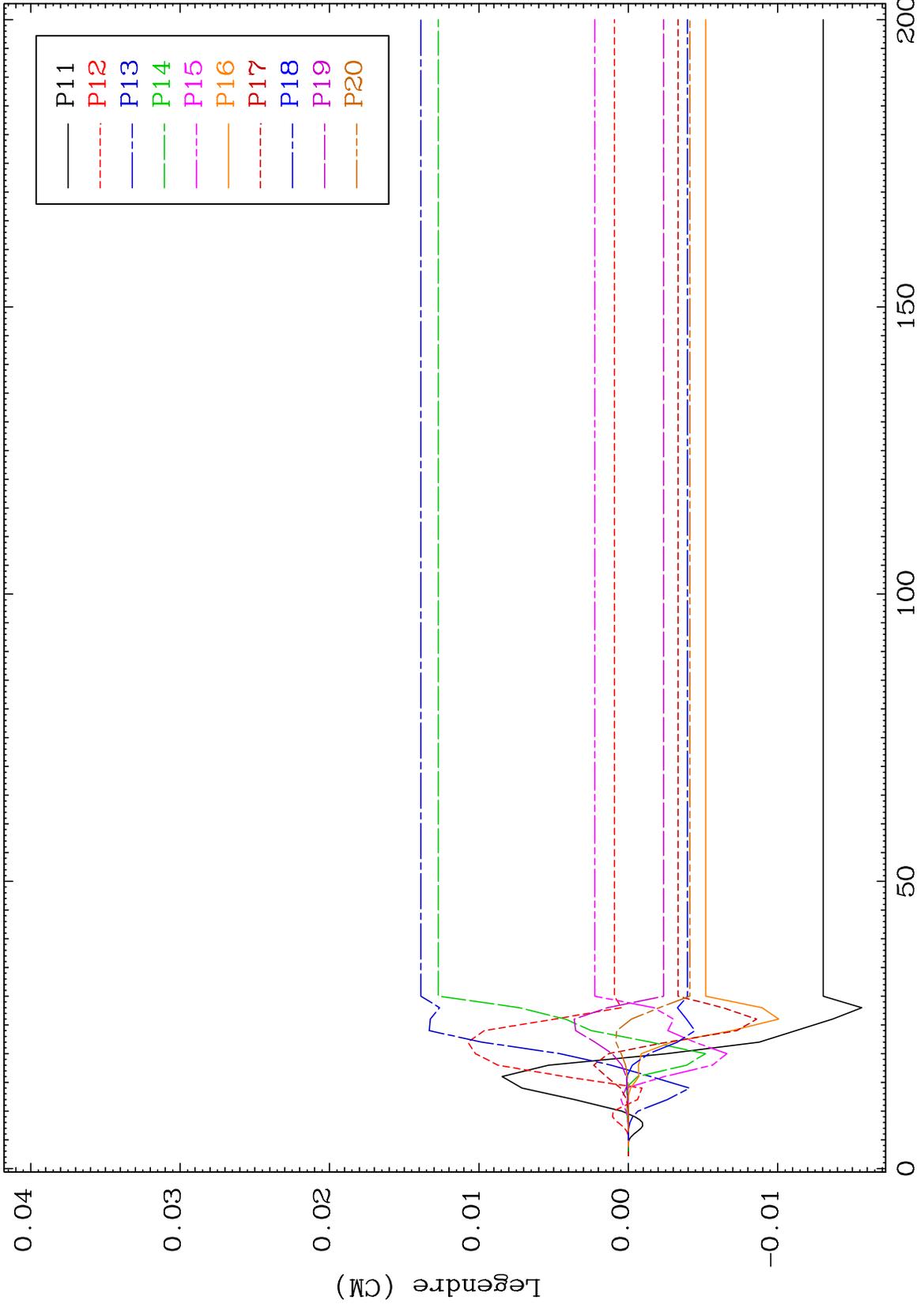
86-Rn-208



24

86-Rn-208

MAT 8616 MT= 52 (n,n') Level Legendre Coefficients 86-Rn-208

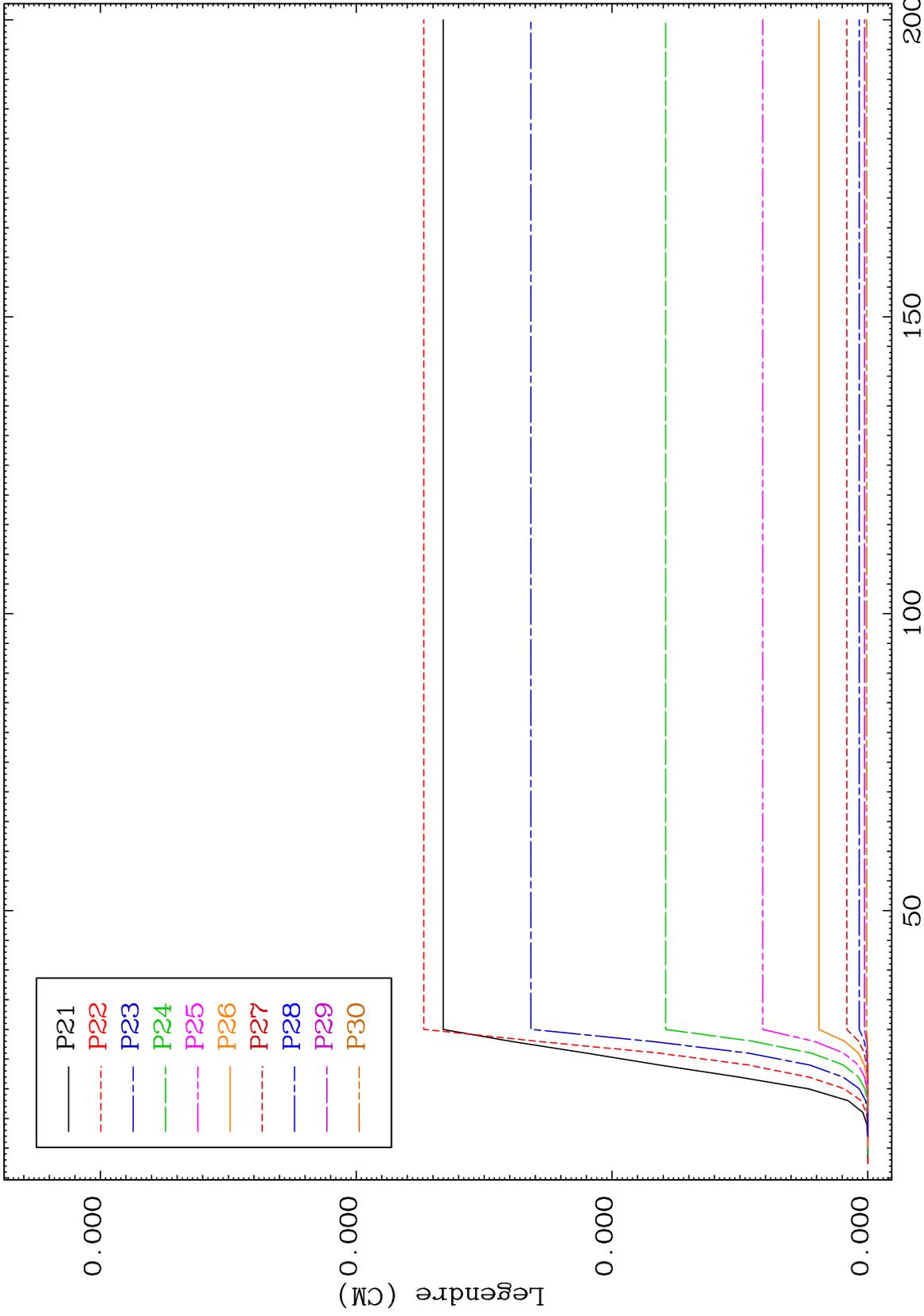


25 50 100 150 200 86-Rn-208

MAT 8616

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

86-Rn-208



26

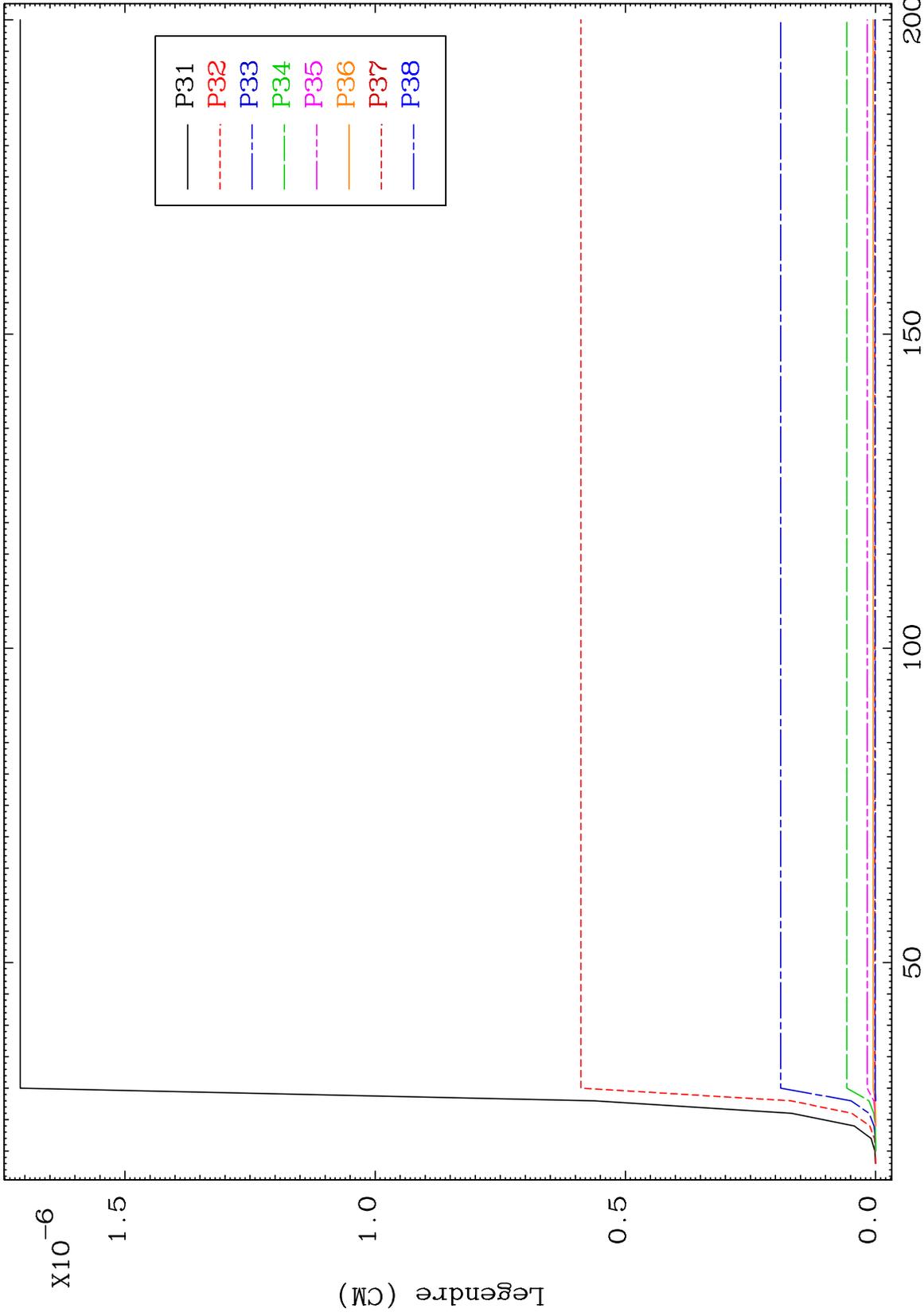
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



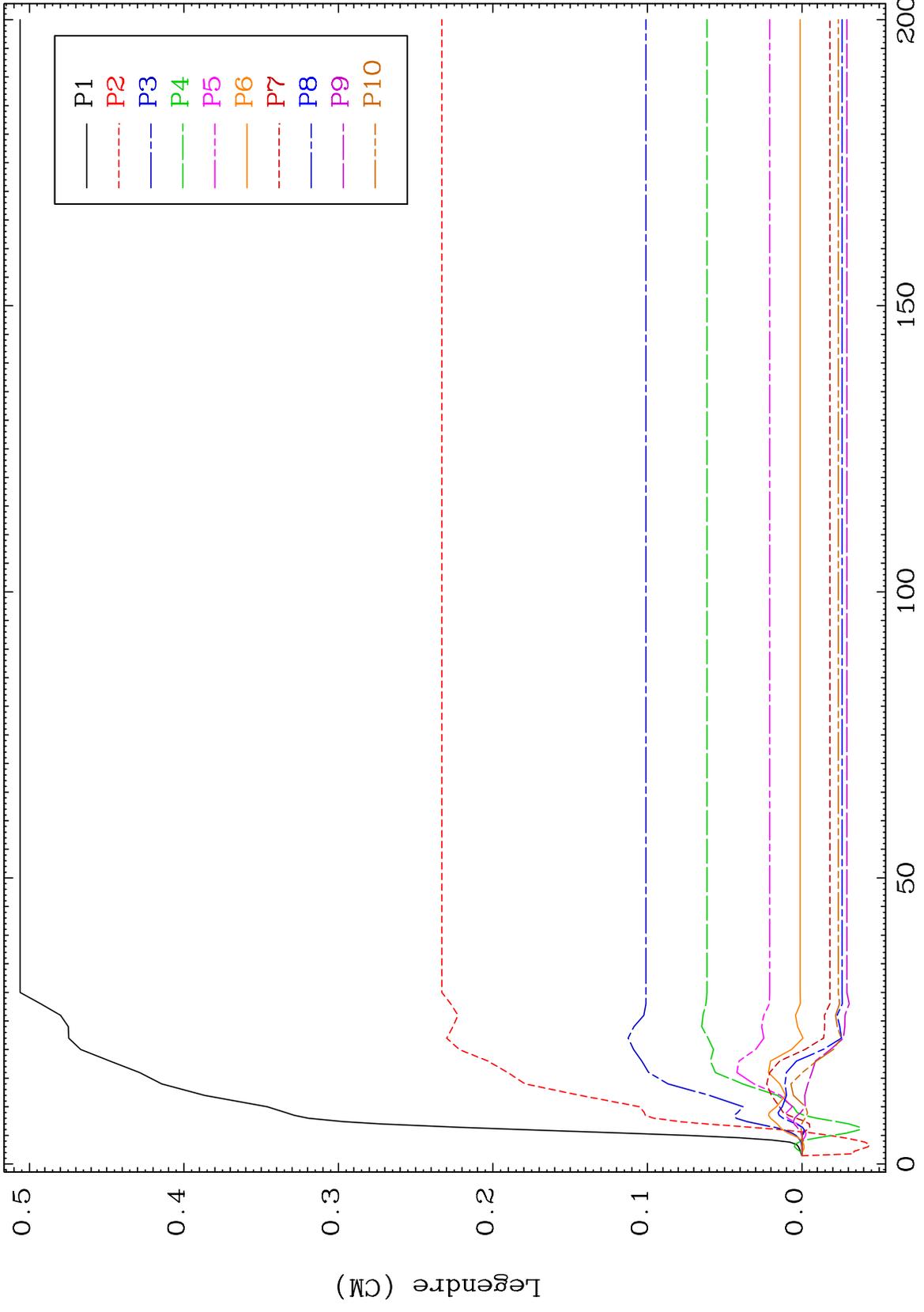
27

86-Rn-208

MAT 8616

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

86-Rn-208



28

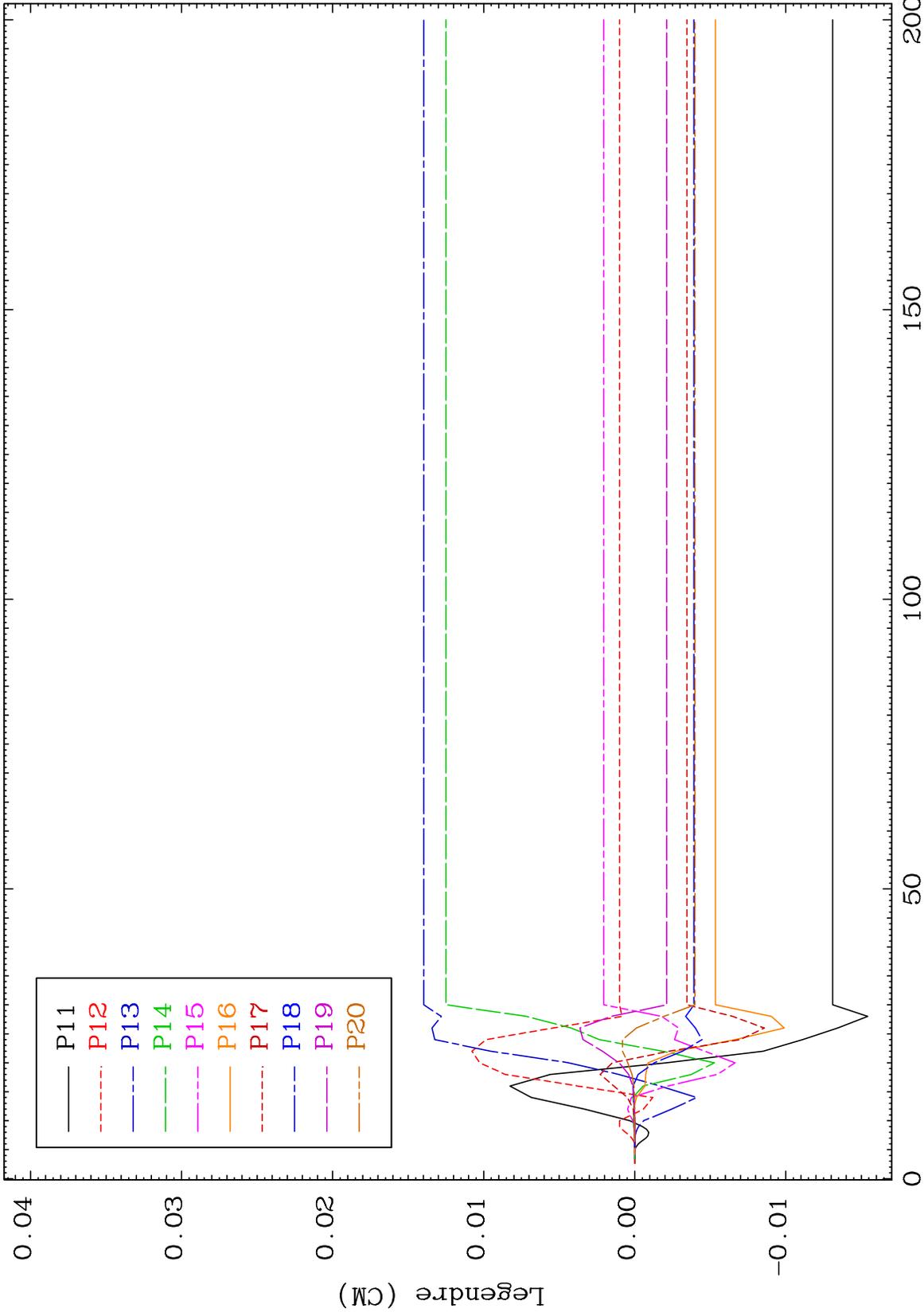
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



29

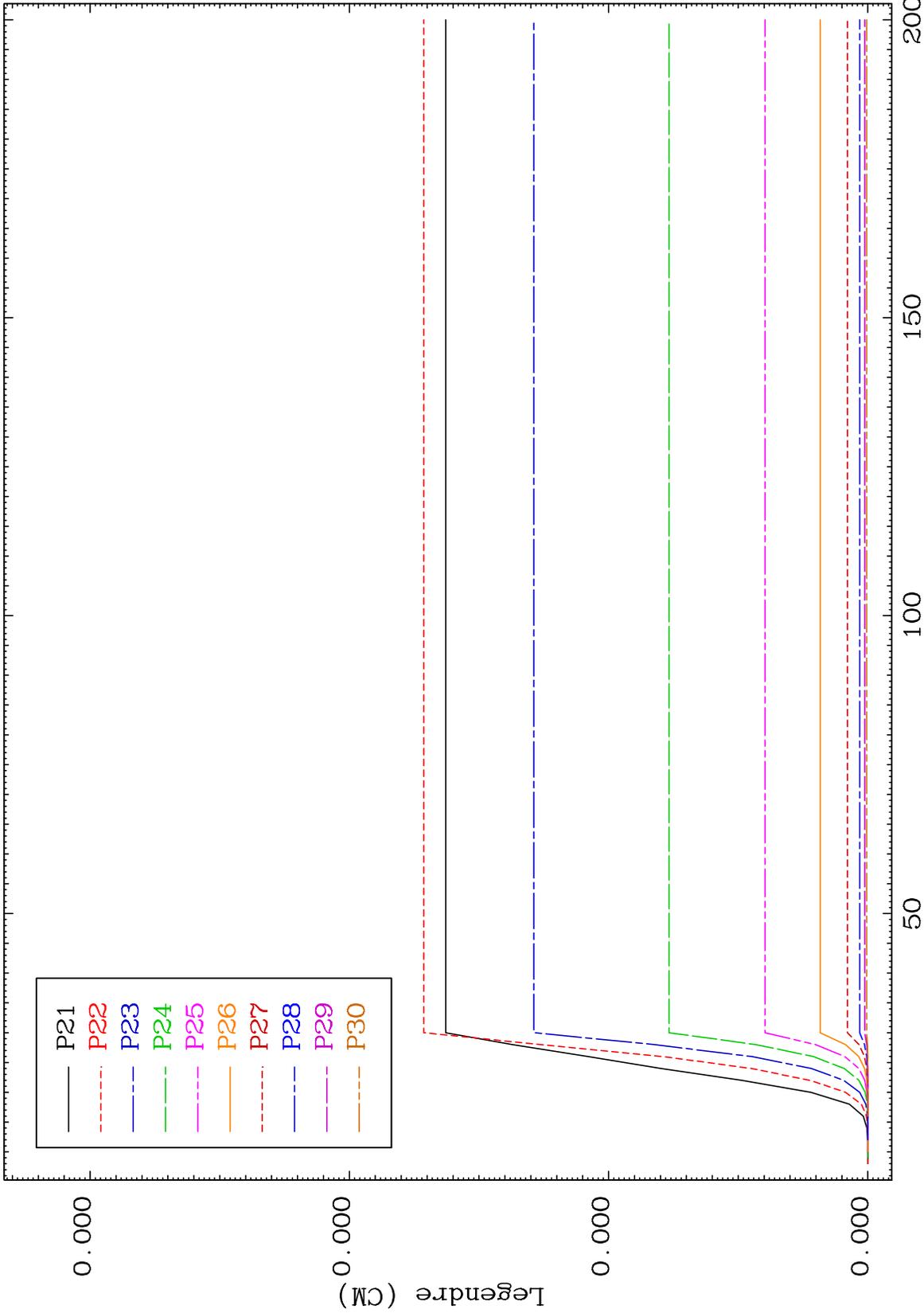
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



30

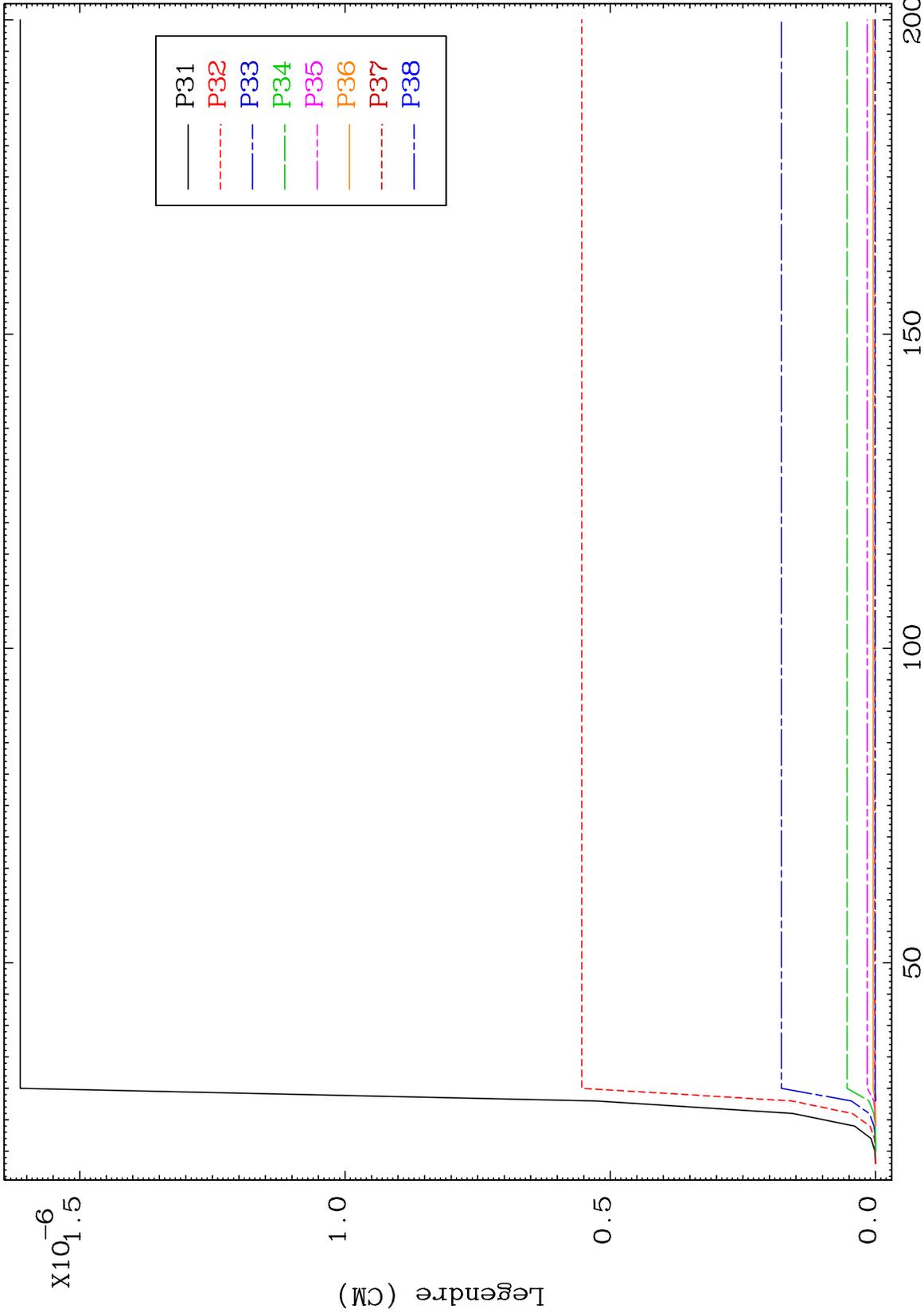
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



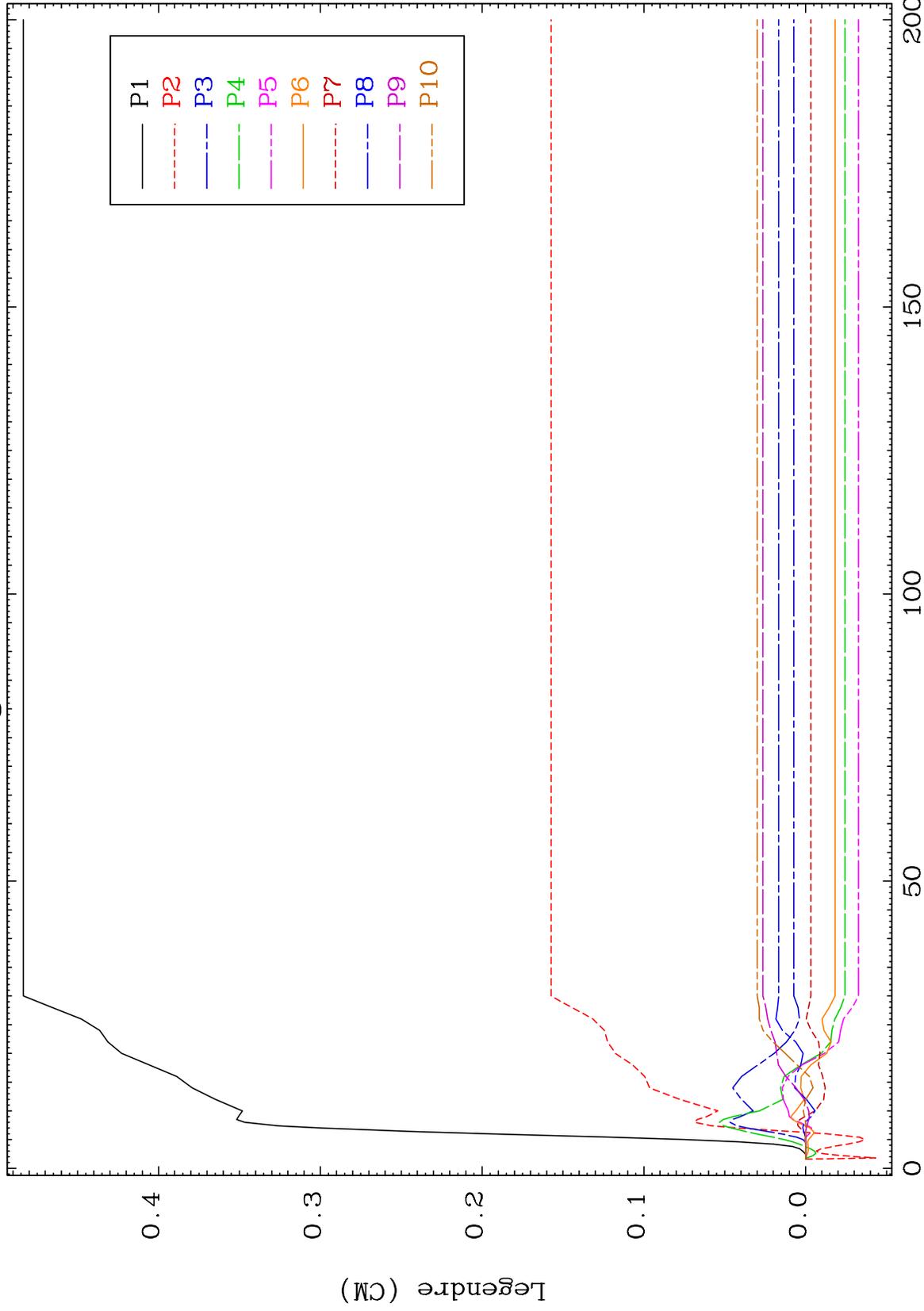
31

86-Rn-208

MAT 8616

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

86-Rn-208



32

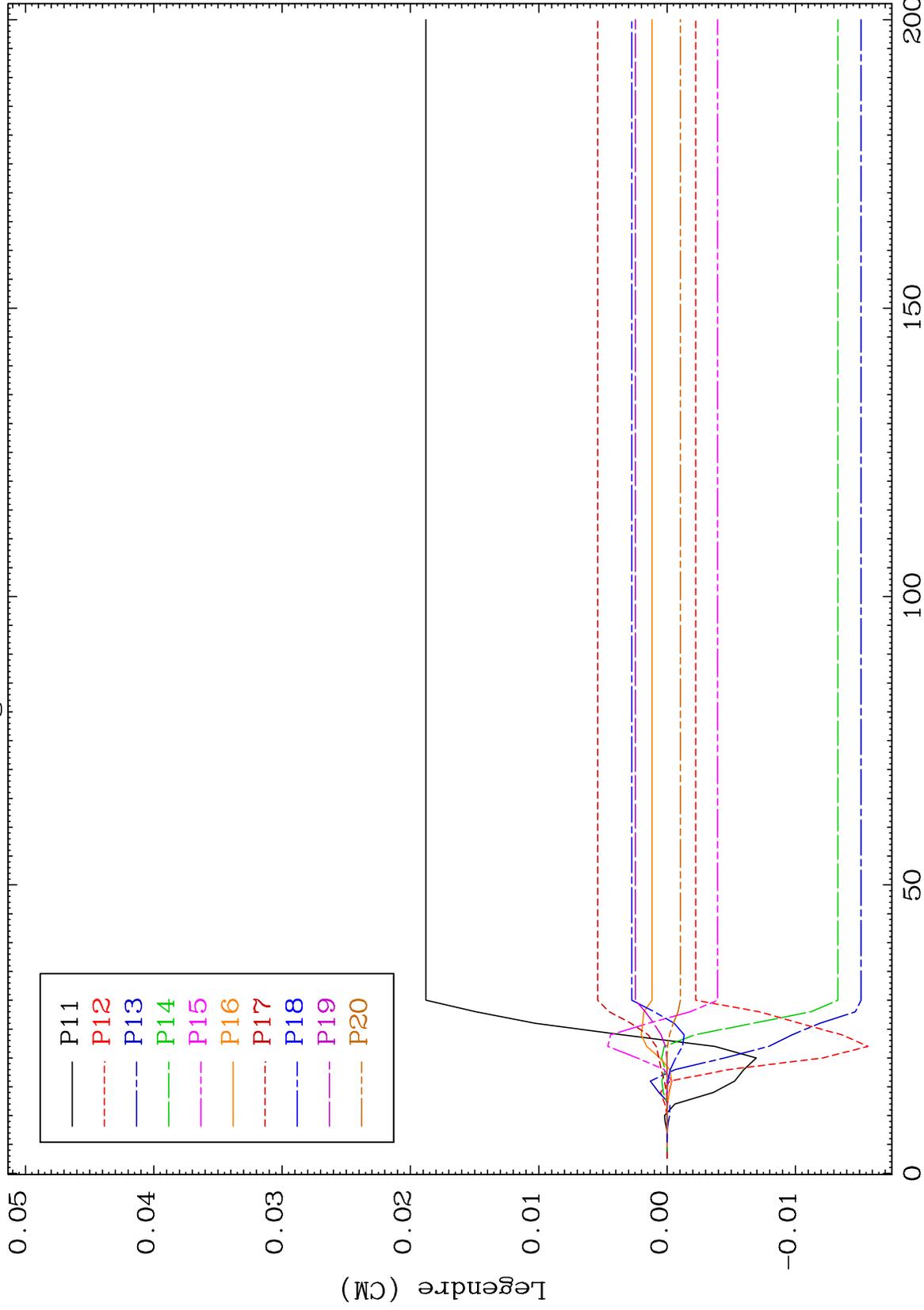
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



33

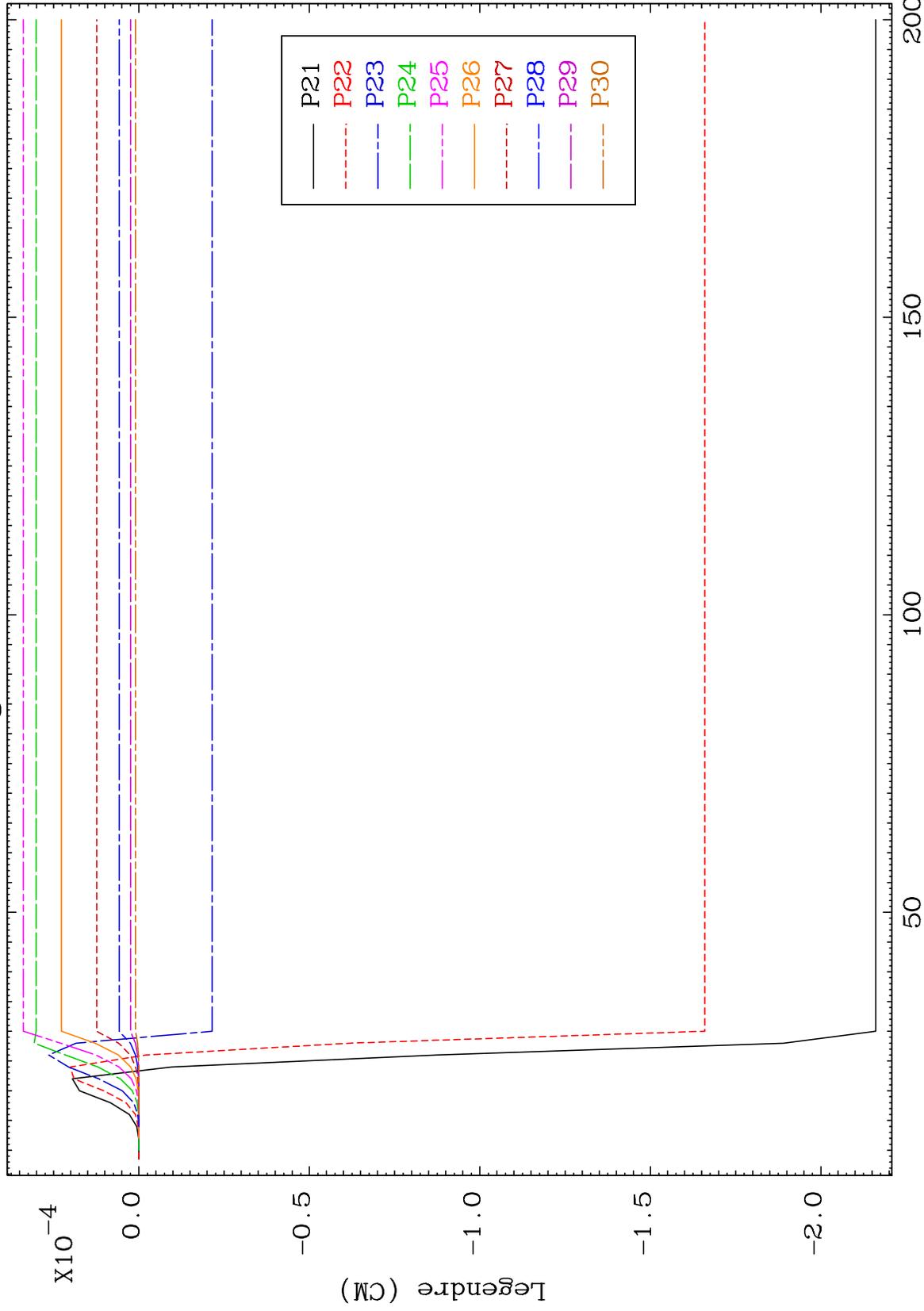
86-Rn-208

86-Rn-208

MAT 8616

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

86-Rn-208



34

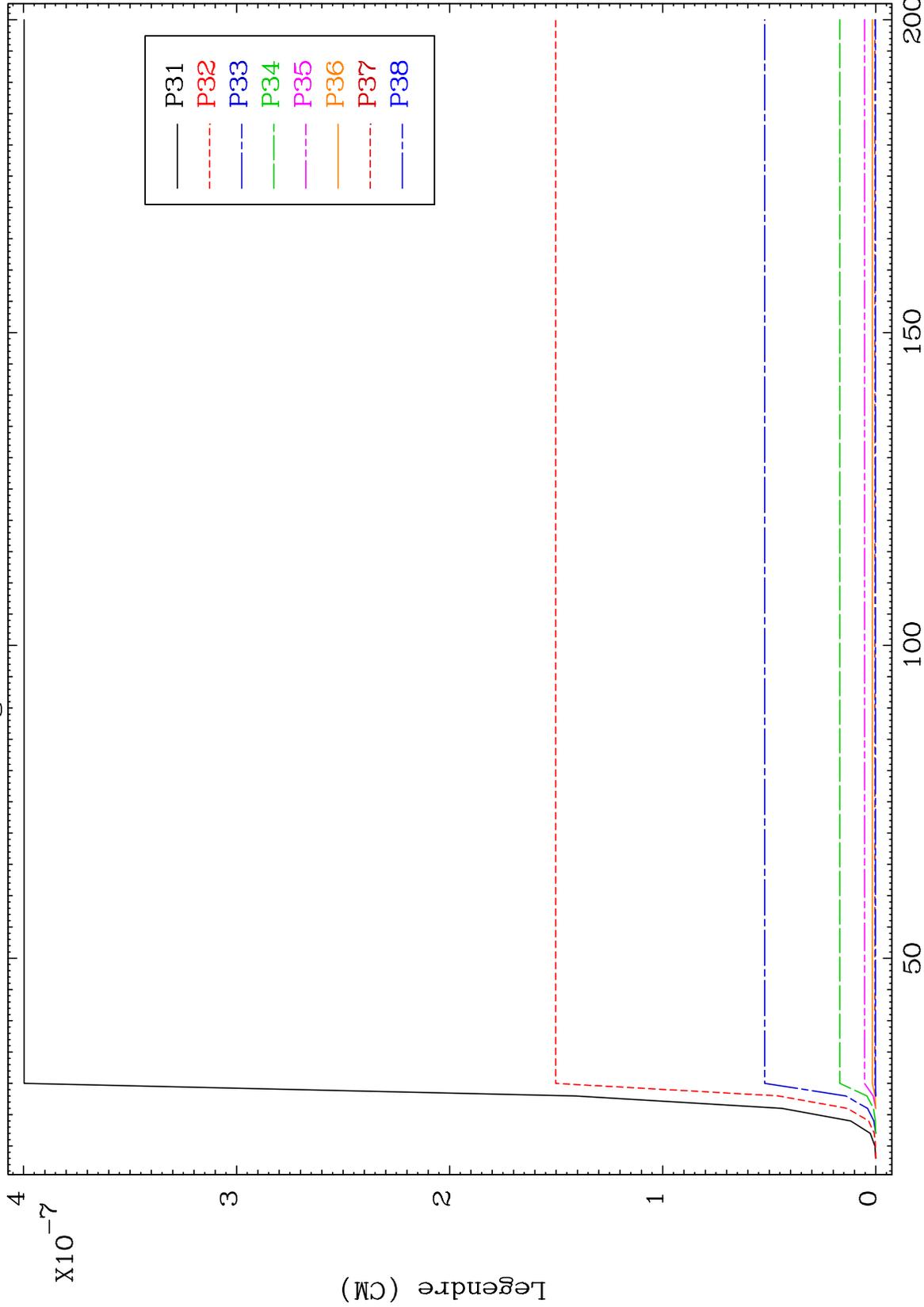
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208

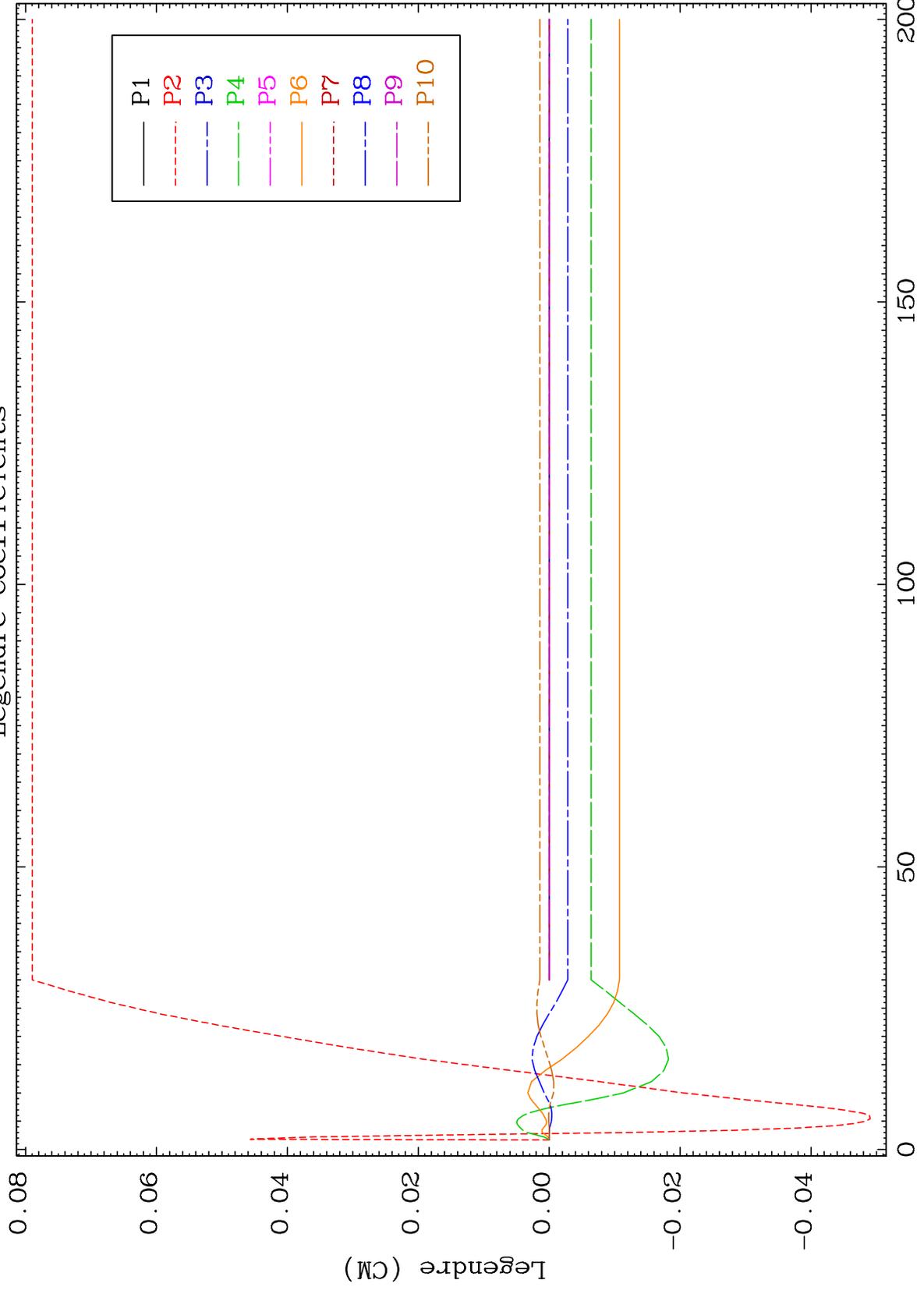


35

Incident Energy (MeV)

86-Rn-208

MAT 8616 MT= 55 (n,n') Level Legendre Coefficients 86-Rn-208

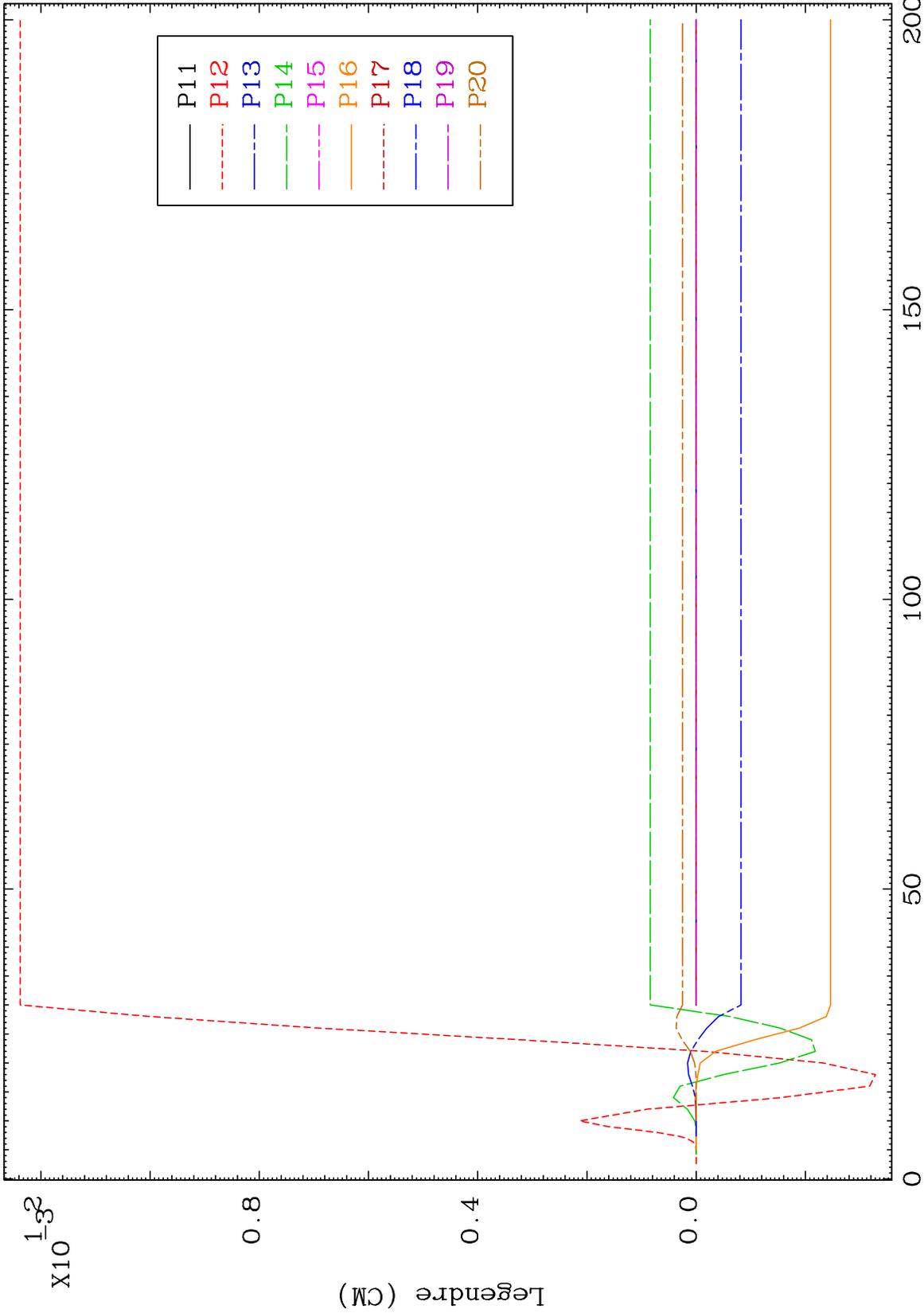


36 86-Rn-208

MAT 8616

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

86-Rn-208

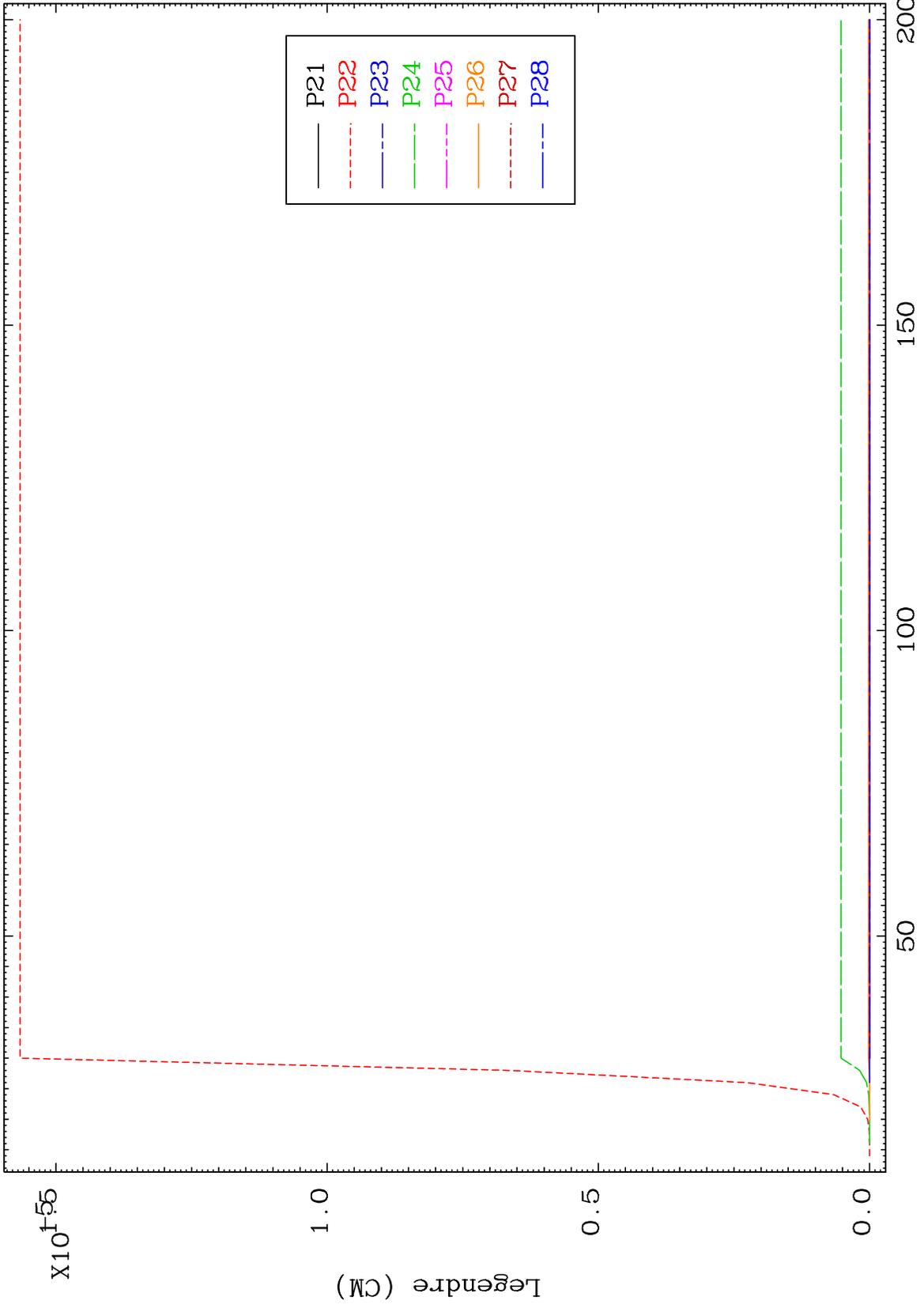


37

86-Rn-208

86-Rn-208

MAT 8616 MT= 55 (n,n') Level Legendre Coefficients 86-Rn-208

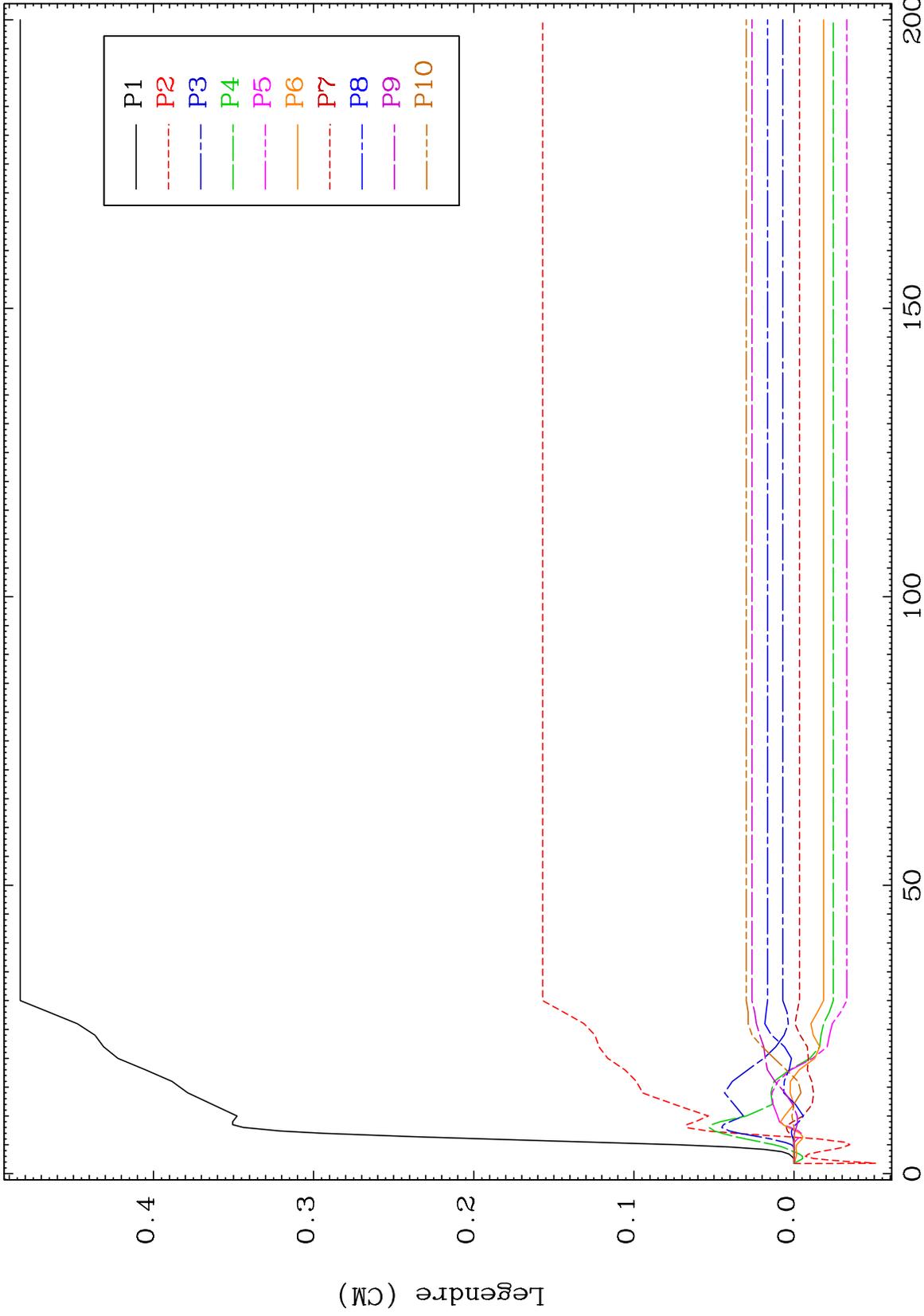


38 Incident Energy (MeV) 86-Rn-208

MAT 8616

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

86-Rn-208



39

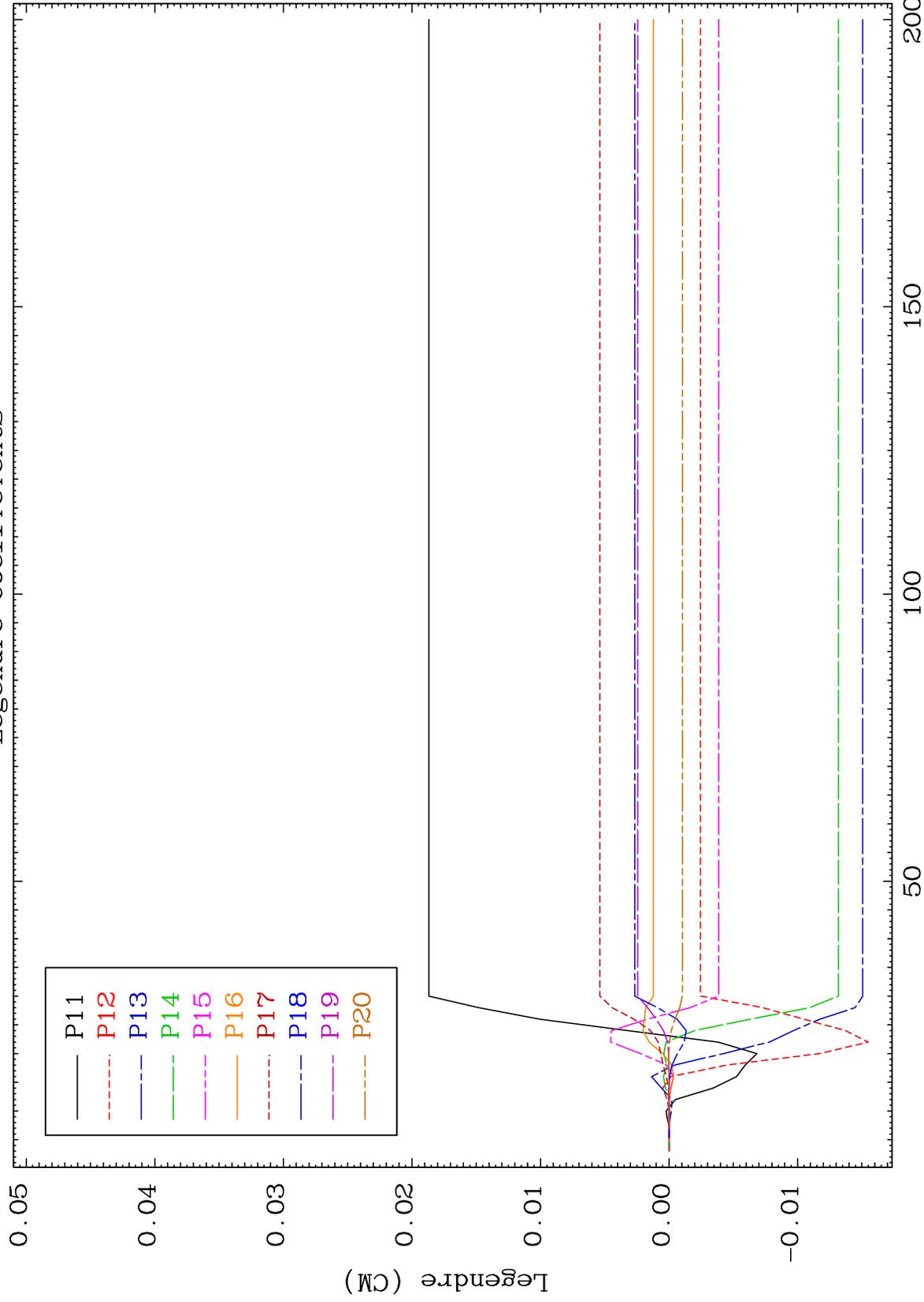
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



40

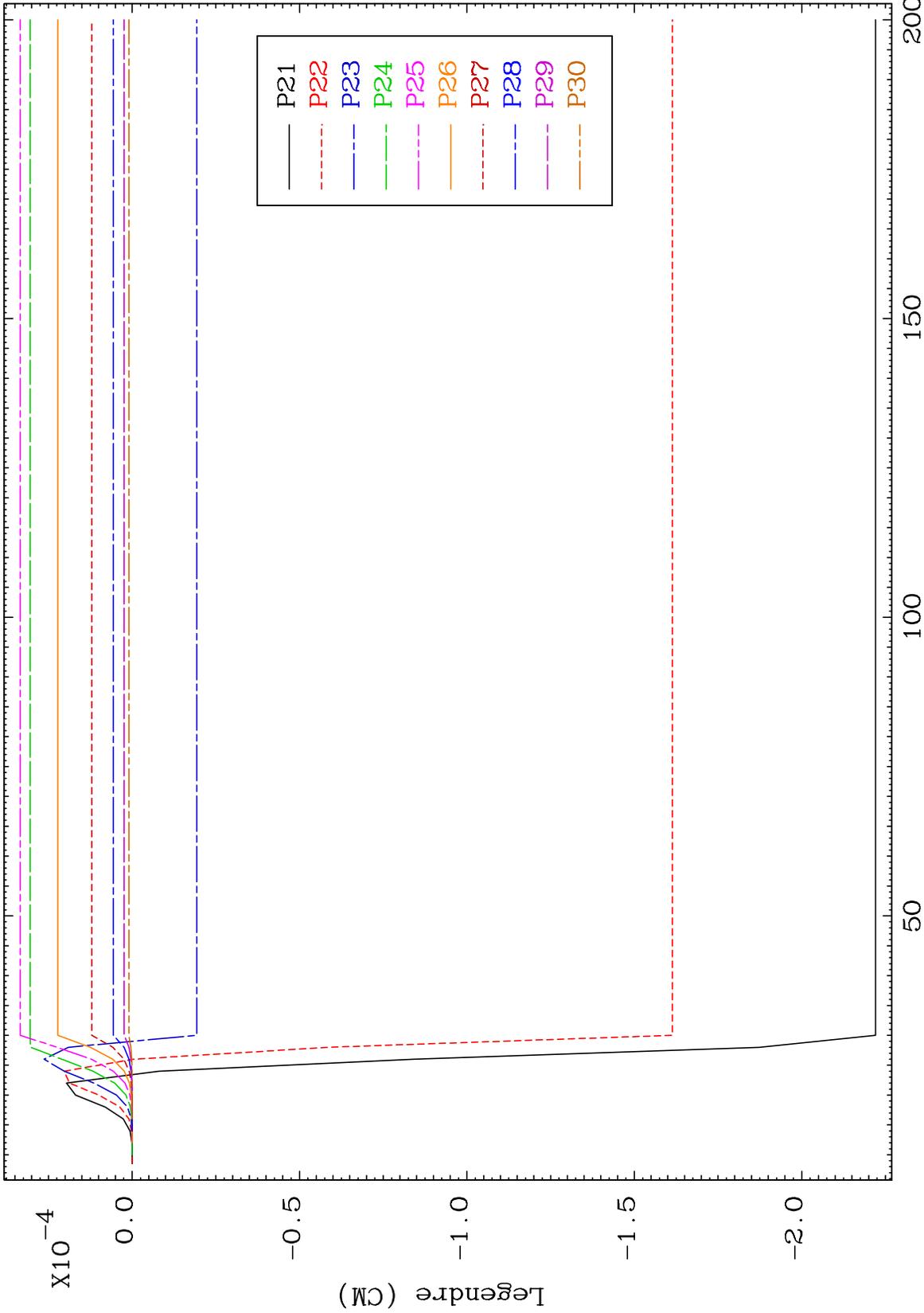
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

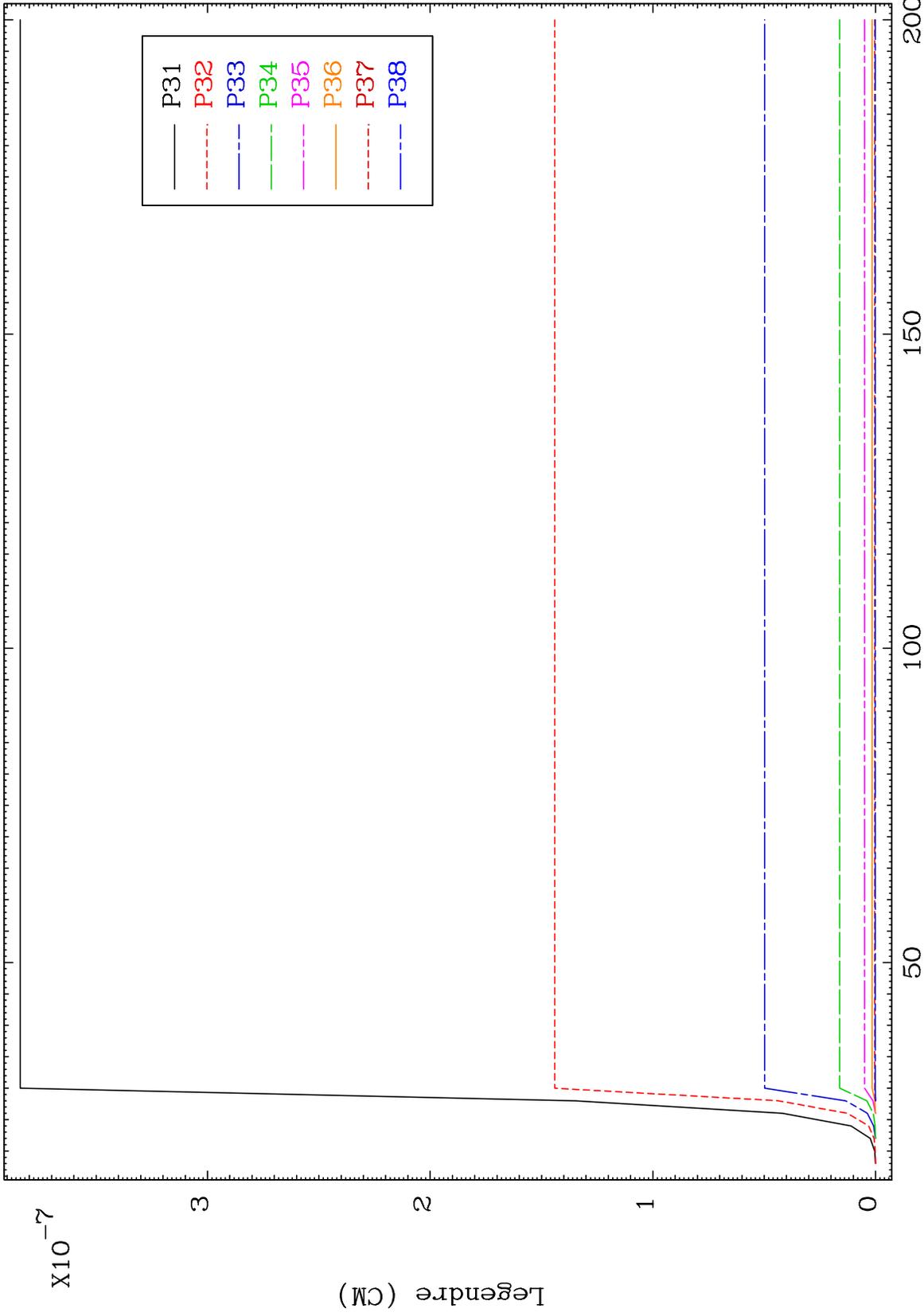
86-Rn-208



MAT 8616

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

86-Rn-208



42

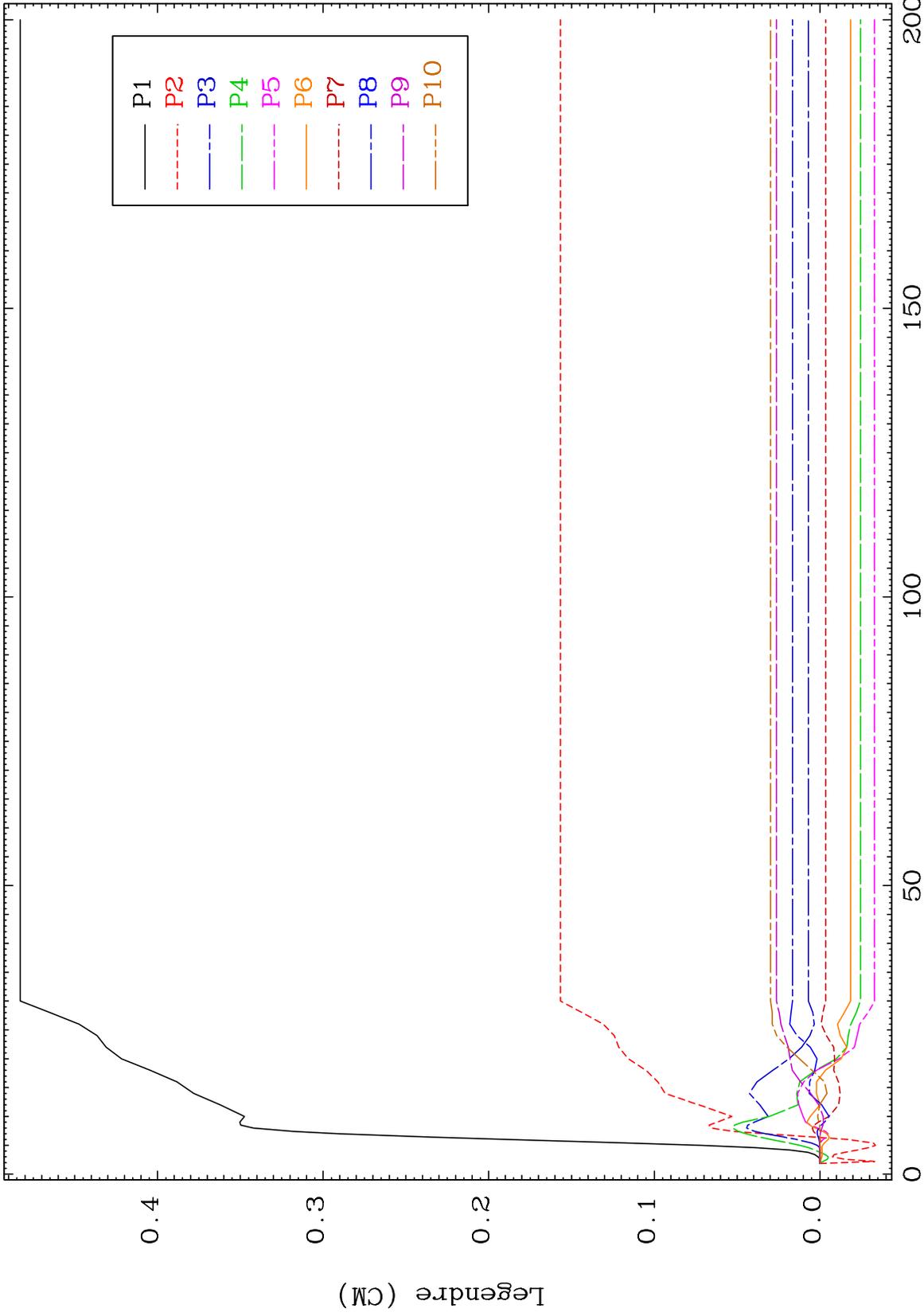
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



43

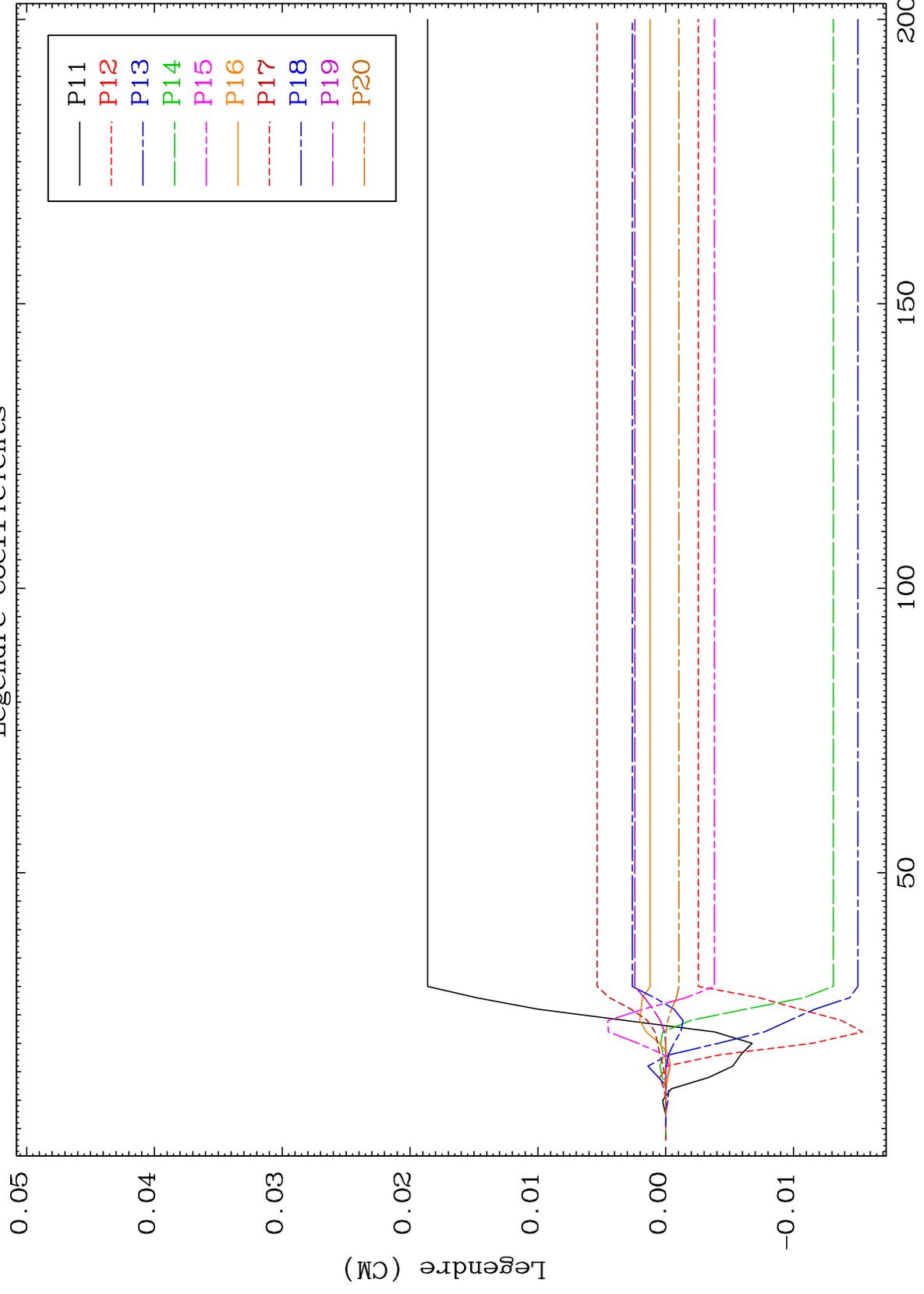
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



44

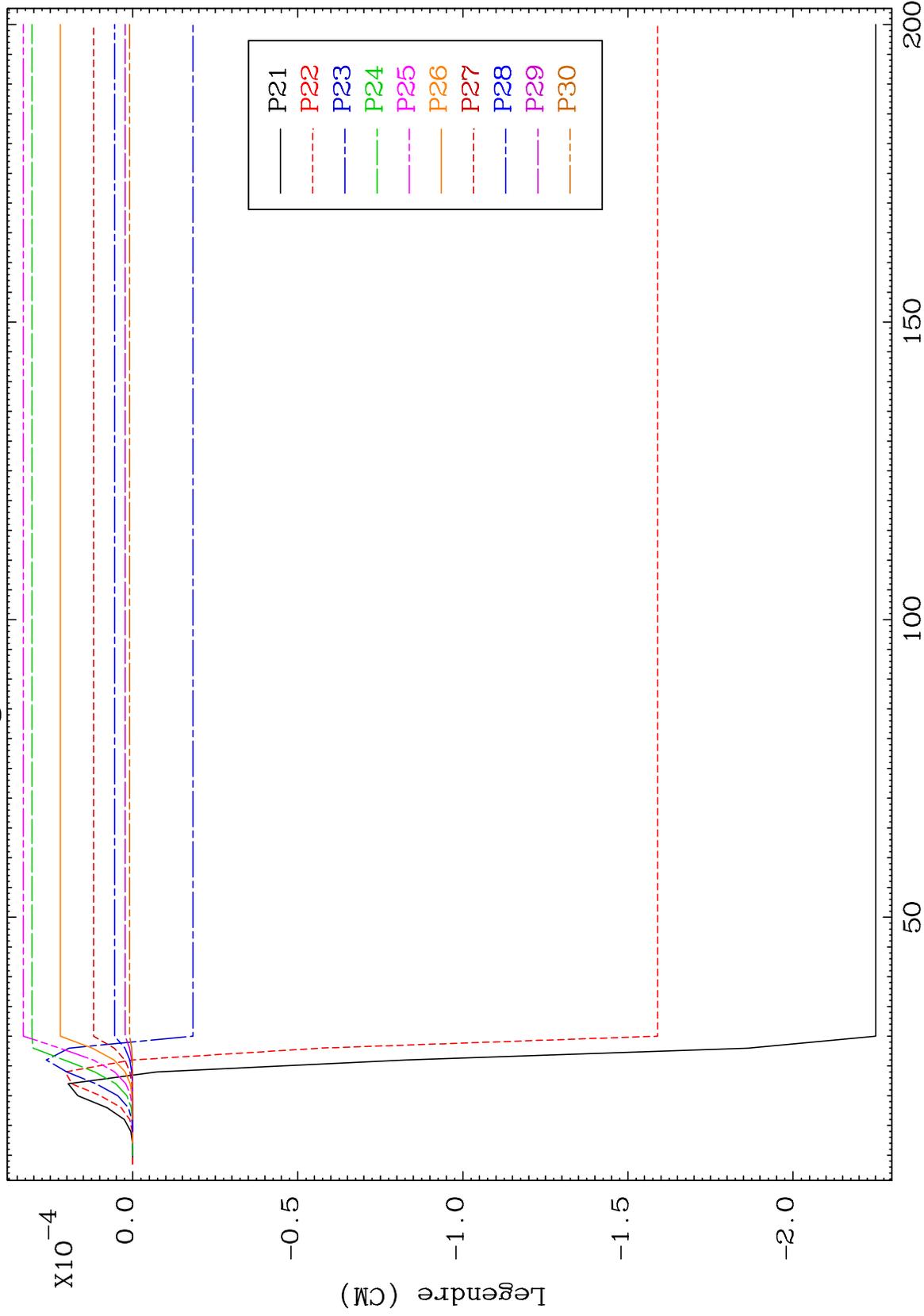
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



45

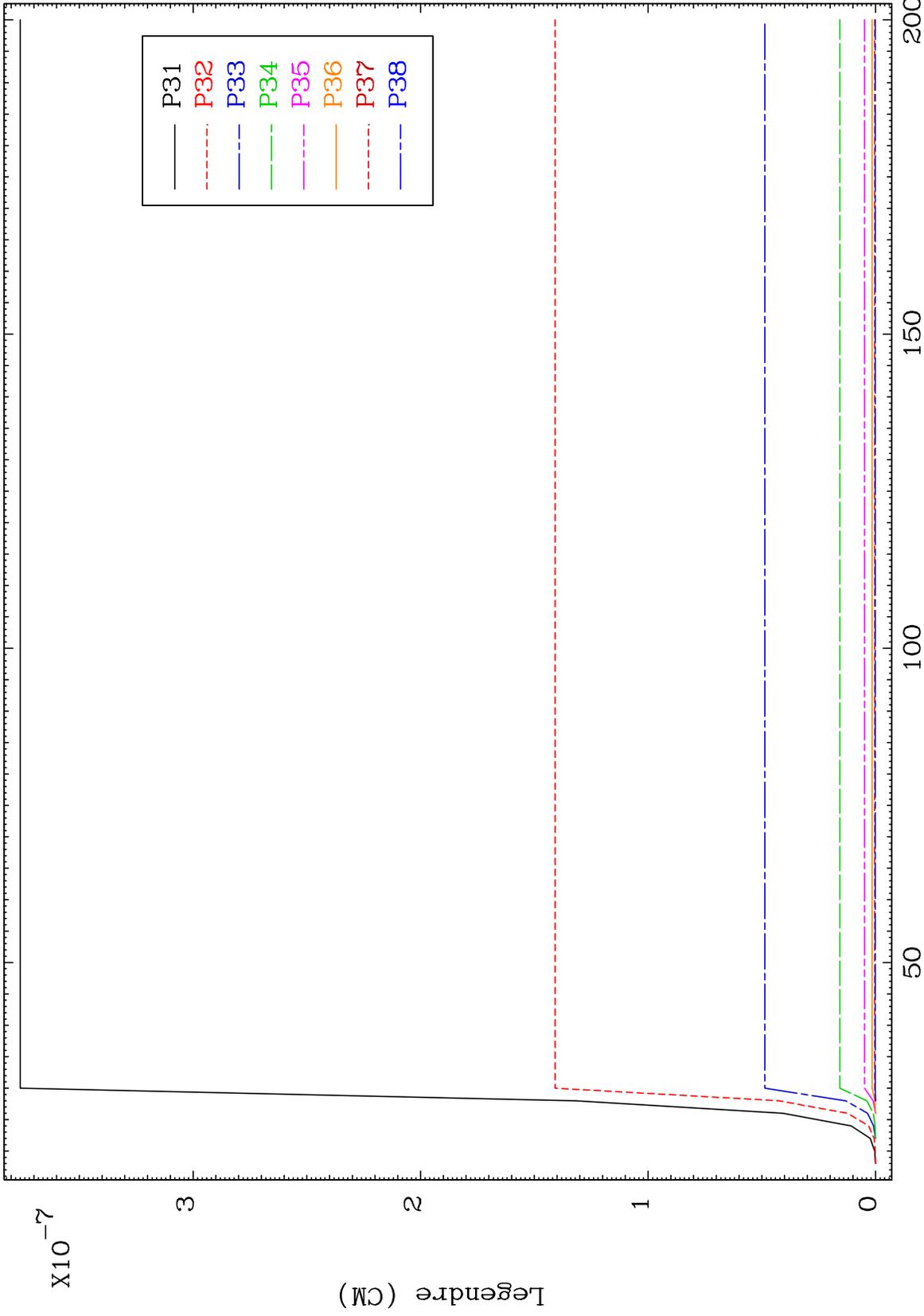
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



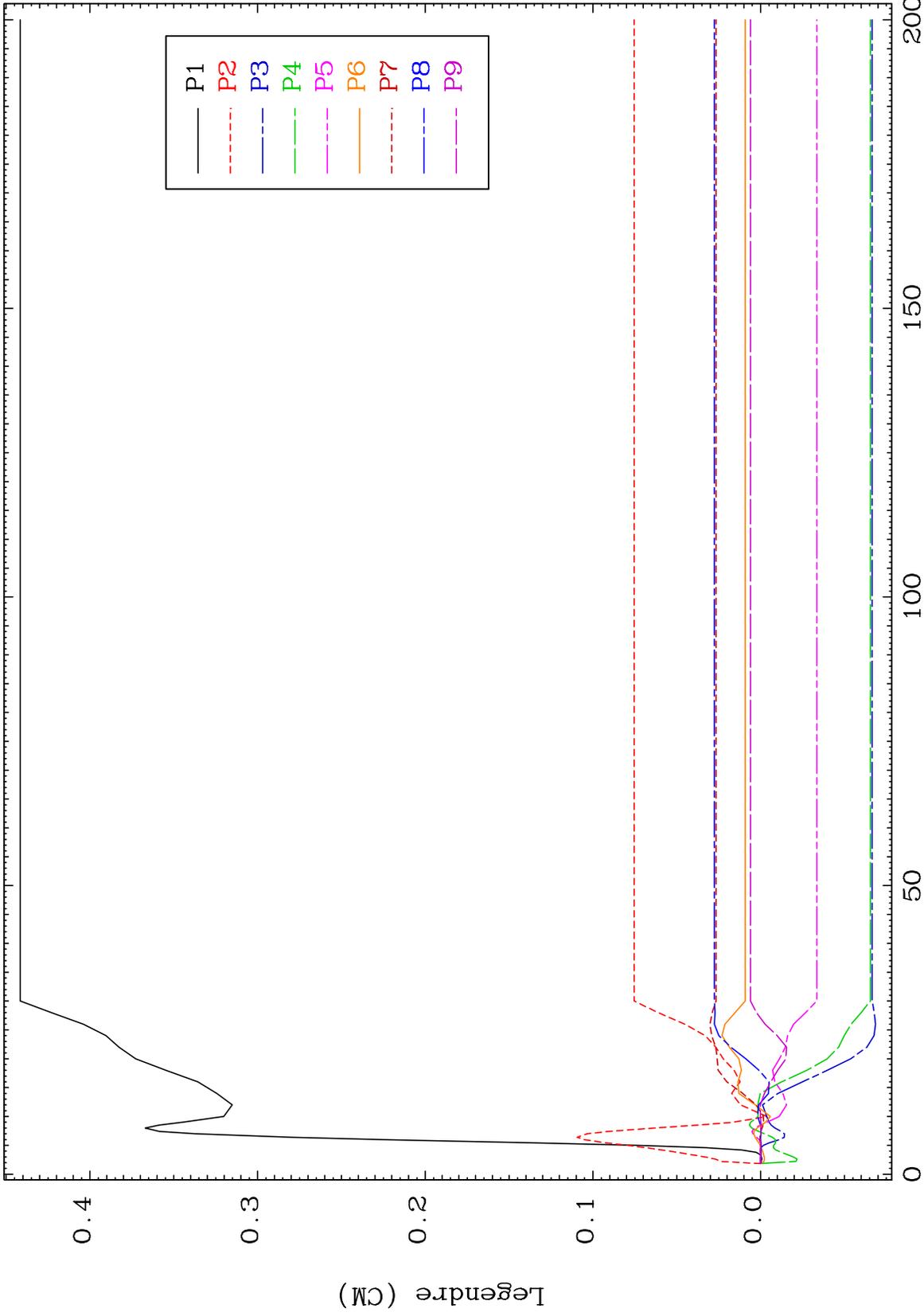
46

86-Rn-208

MAT 8616

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

86-Rn-208



47

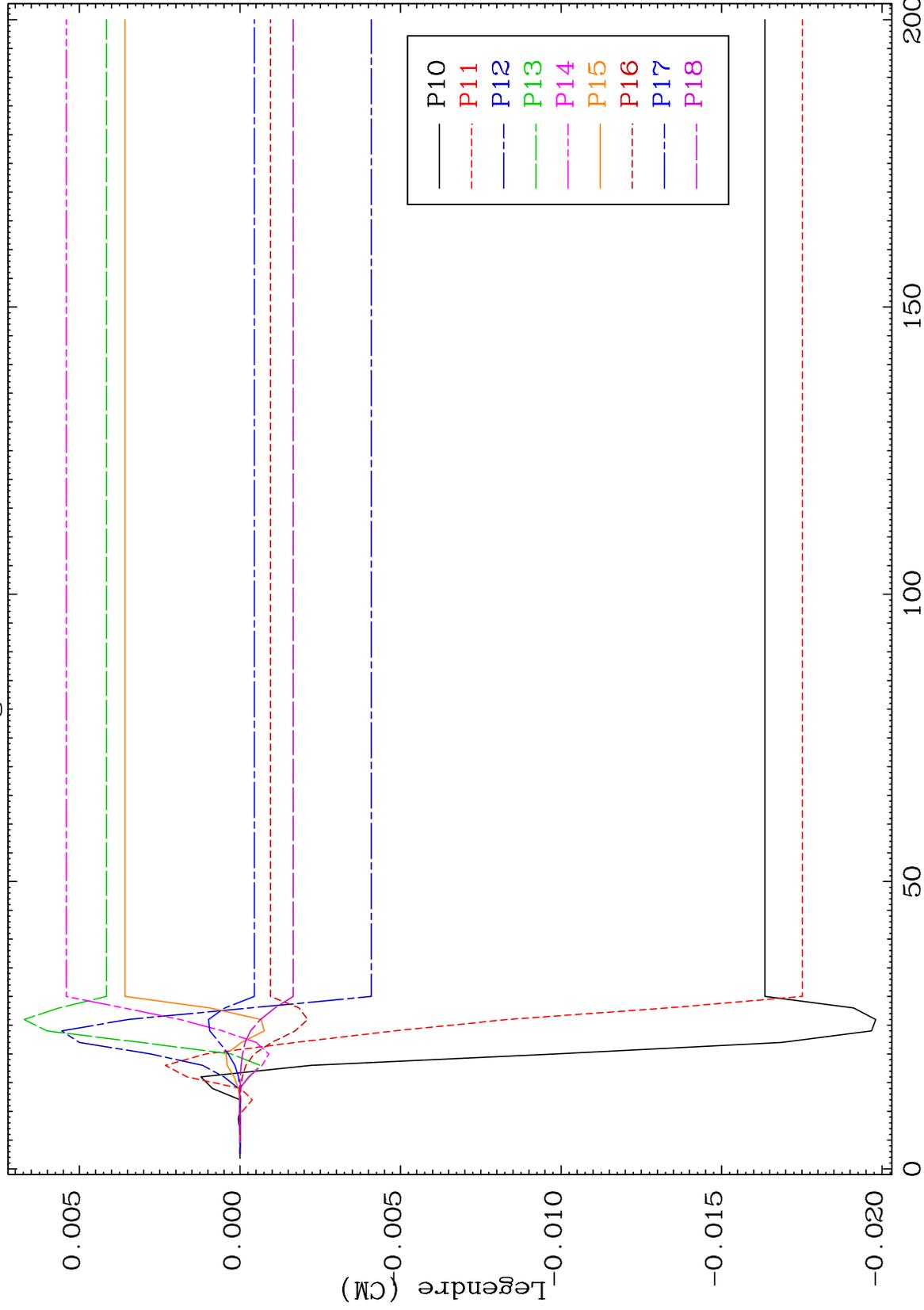
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



48

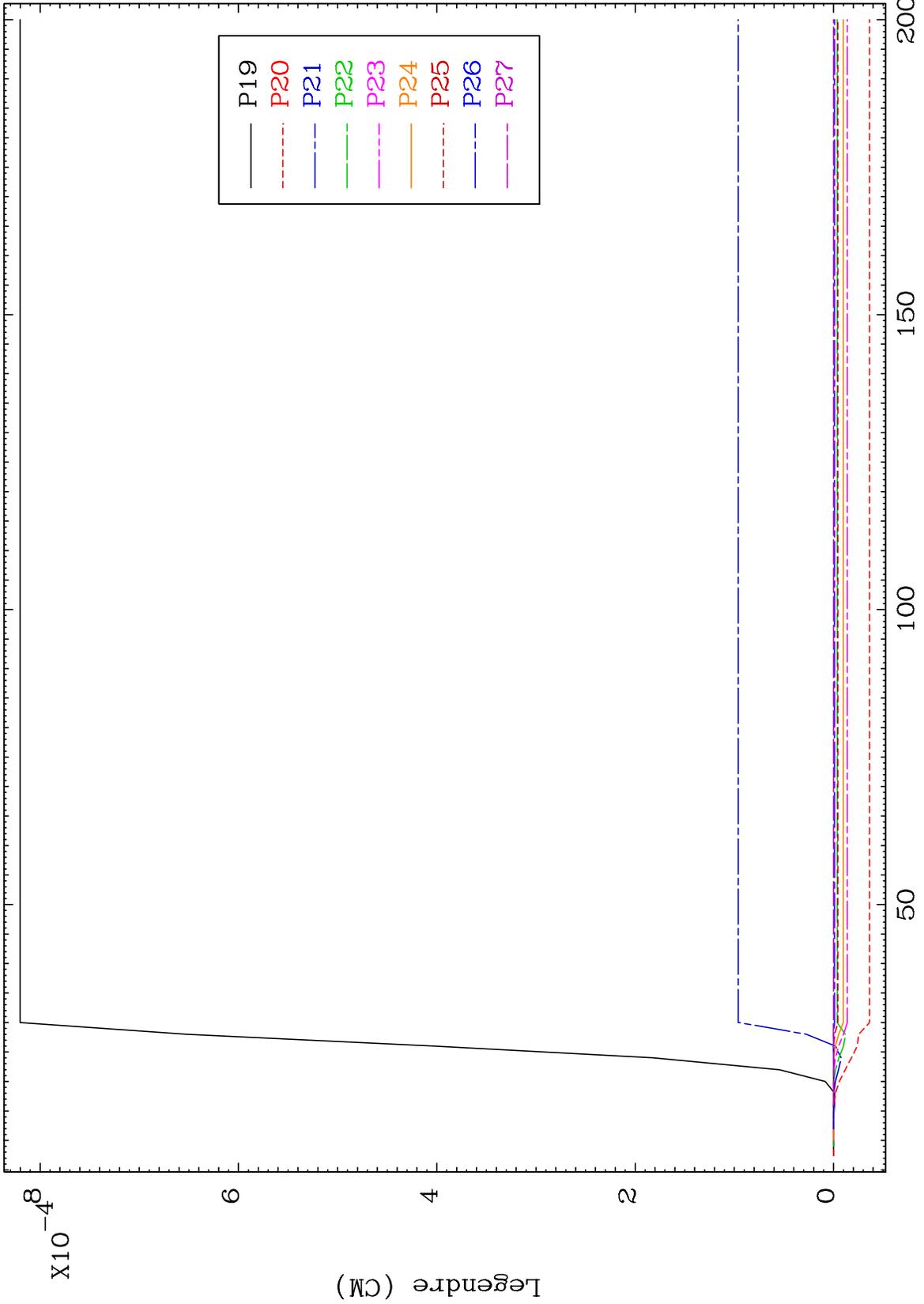
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208

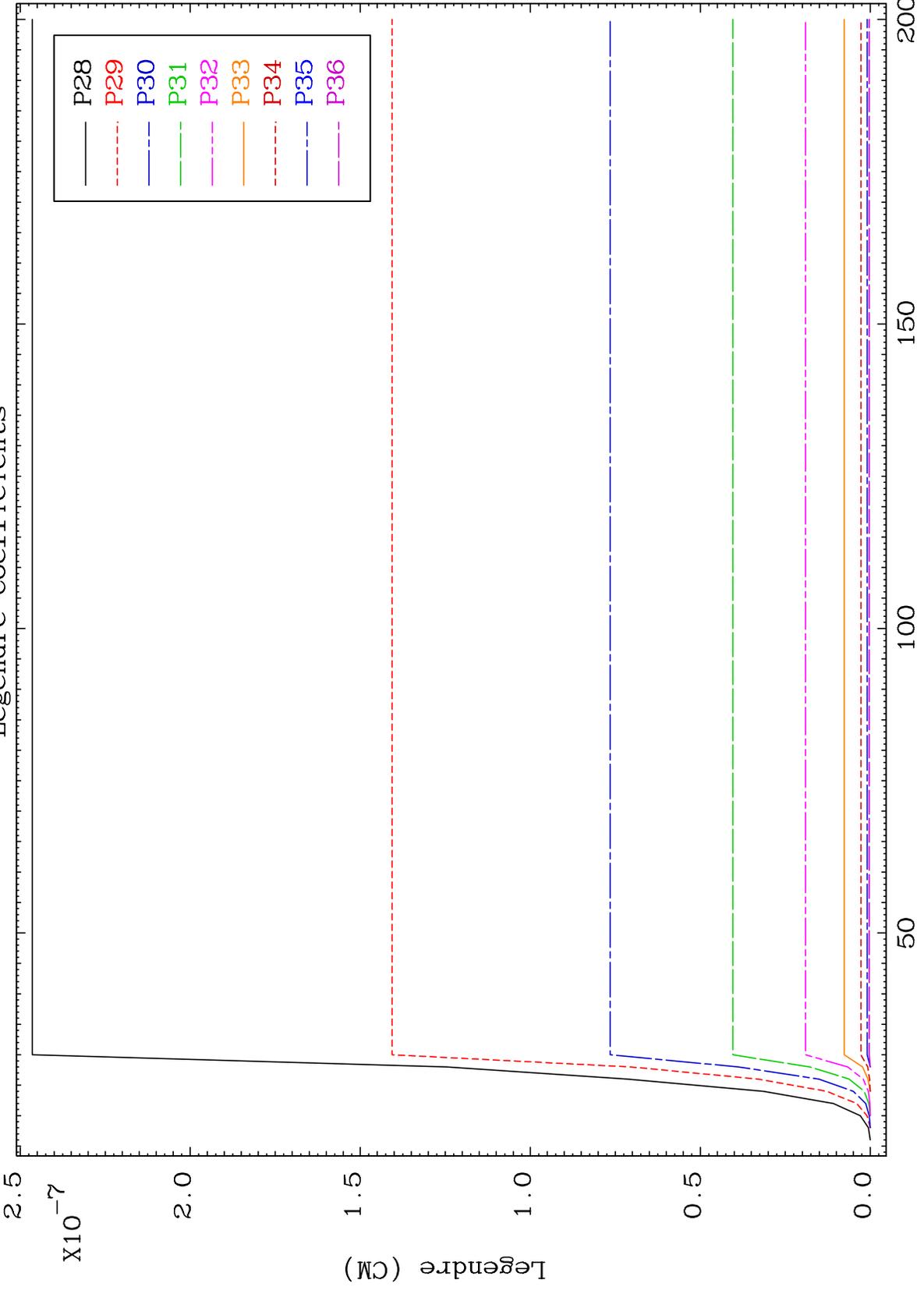


49

Incident Energy (MeV)

86-Rn-208

MAT 8616 MT= 58 (n, n') Level Legendre Coefficients 86-Rn-208

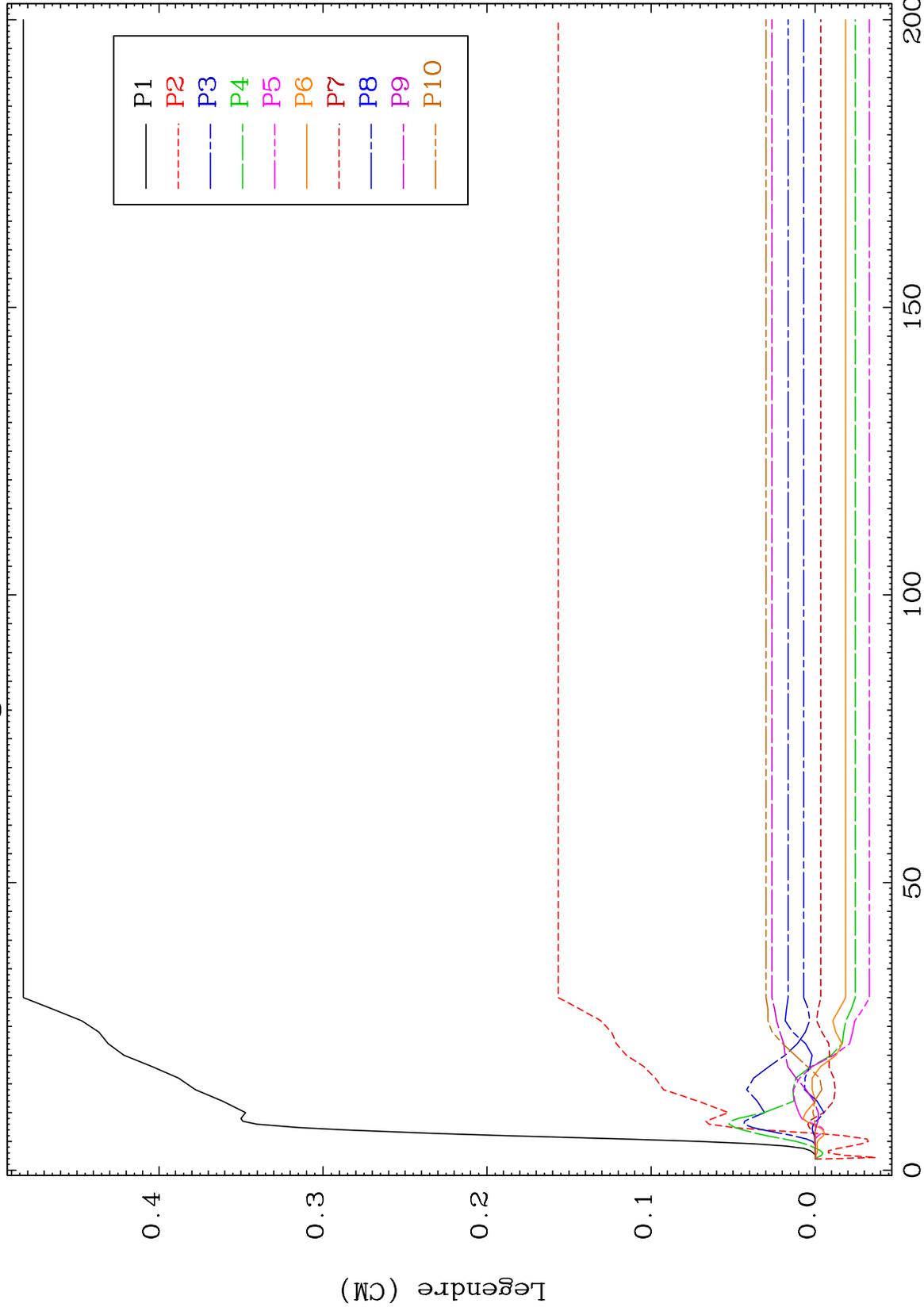


86-Rn-208

MAT 8616

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

86-Rn-208



51

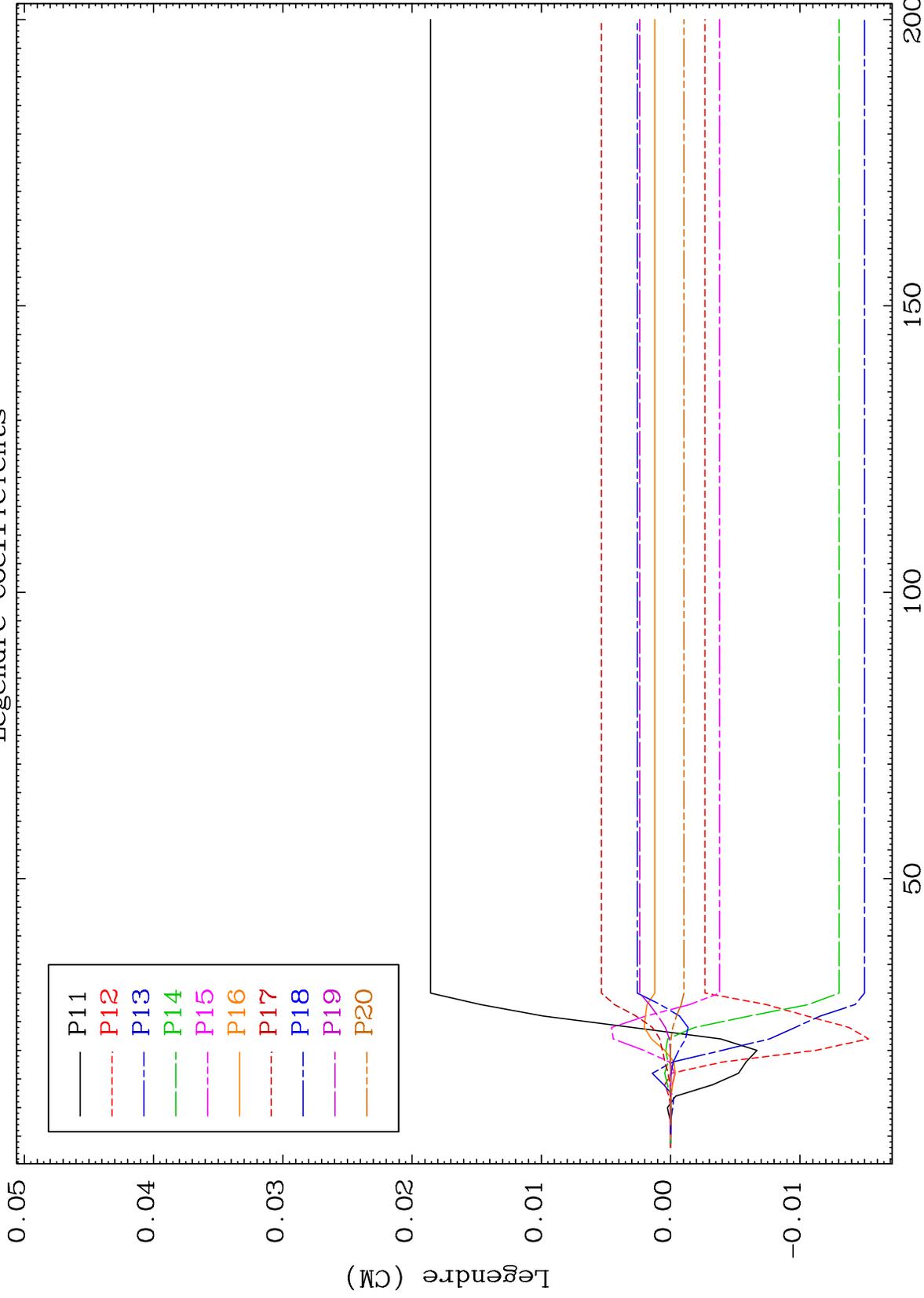
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



52

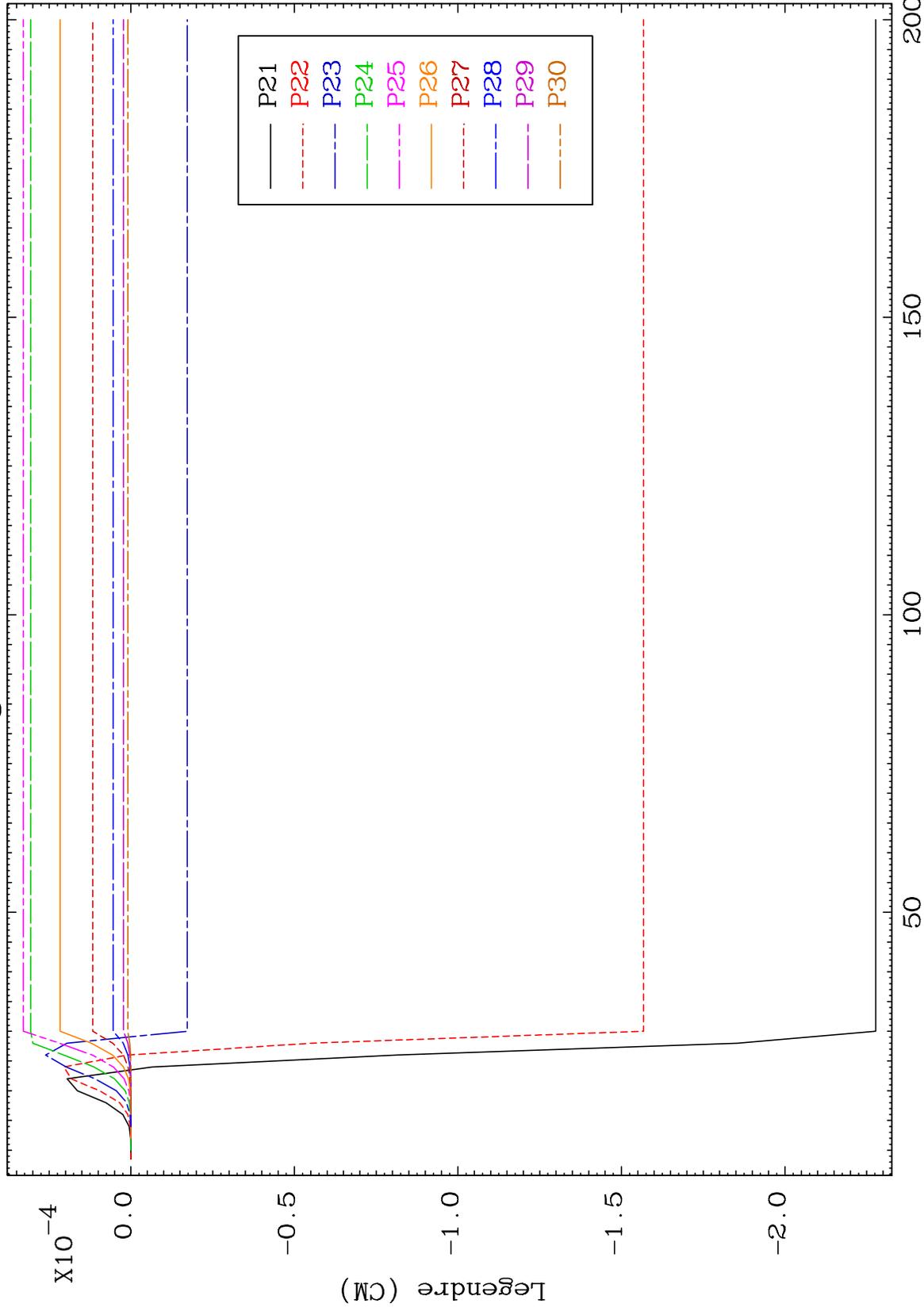
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



53

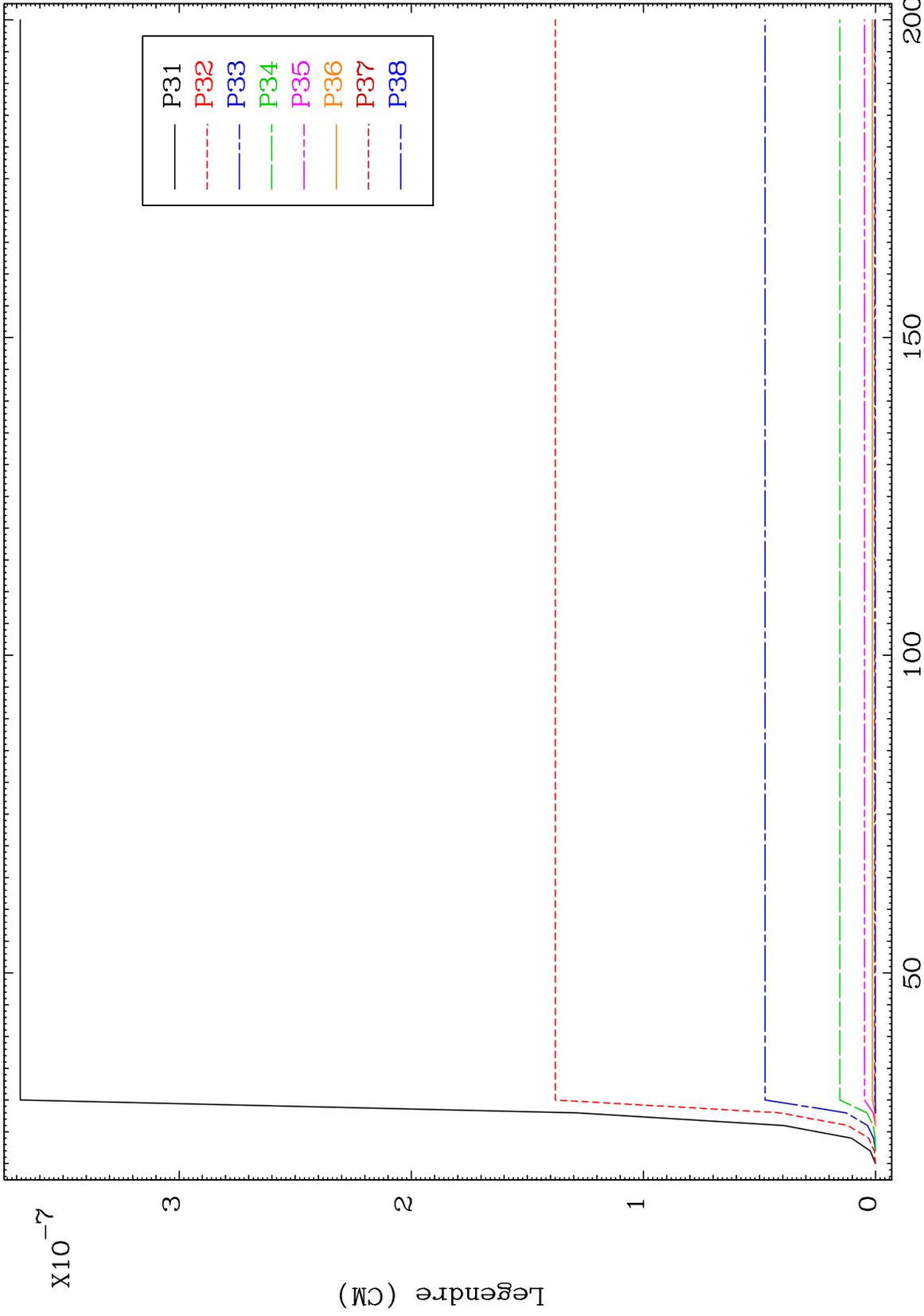
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



54

Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



55

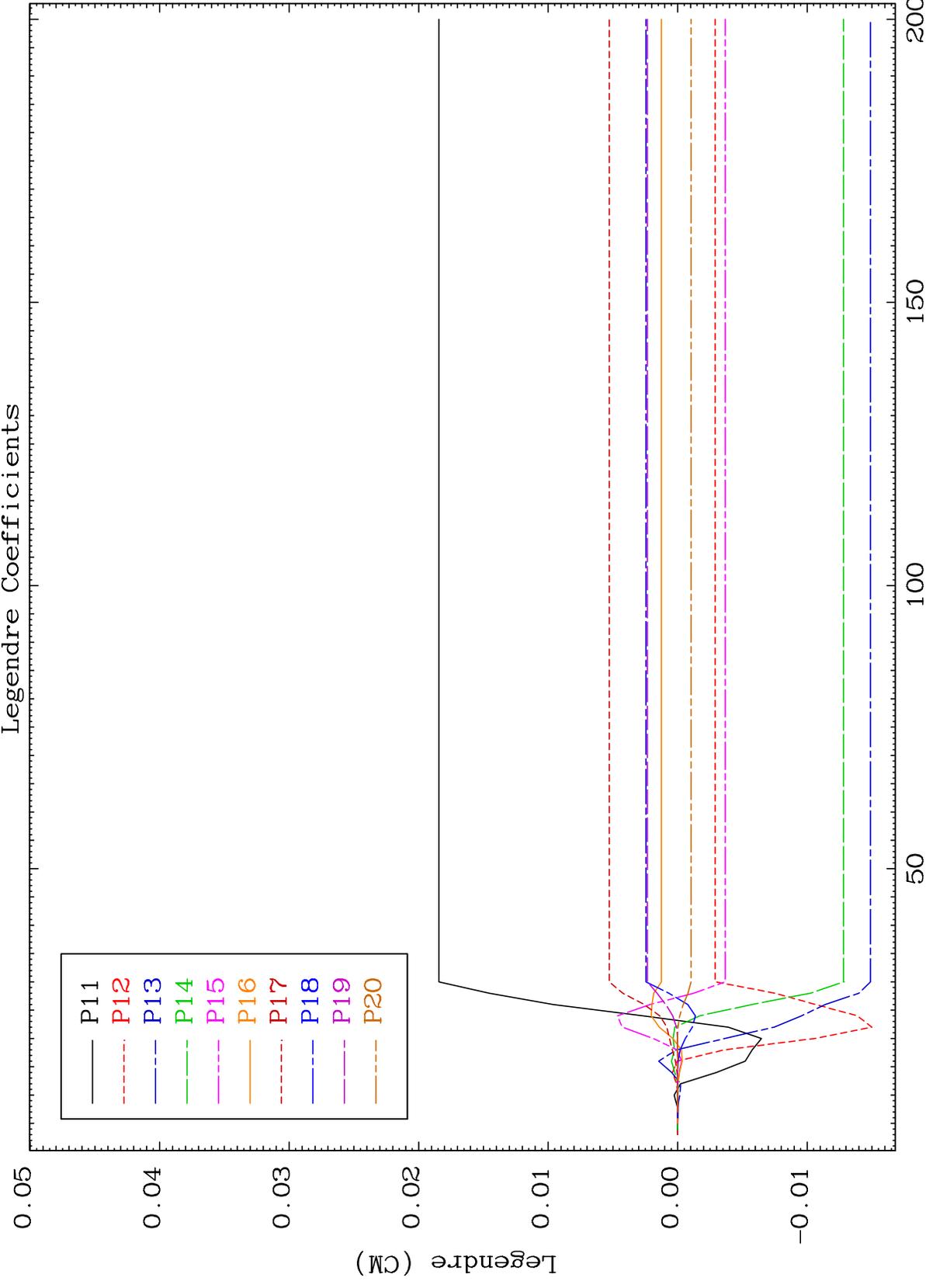
Incident Energy (MeV)

86-Rn-208

MAT 8616 MT= 60 (n,n') Level Legendre Coefficients

86-Rn-208

86-Rn-208

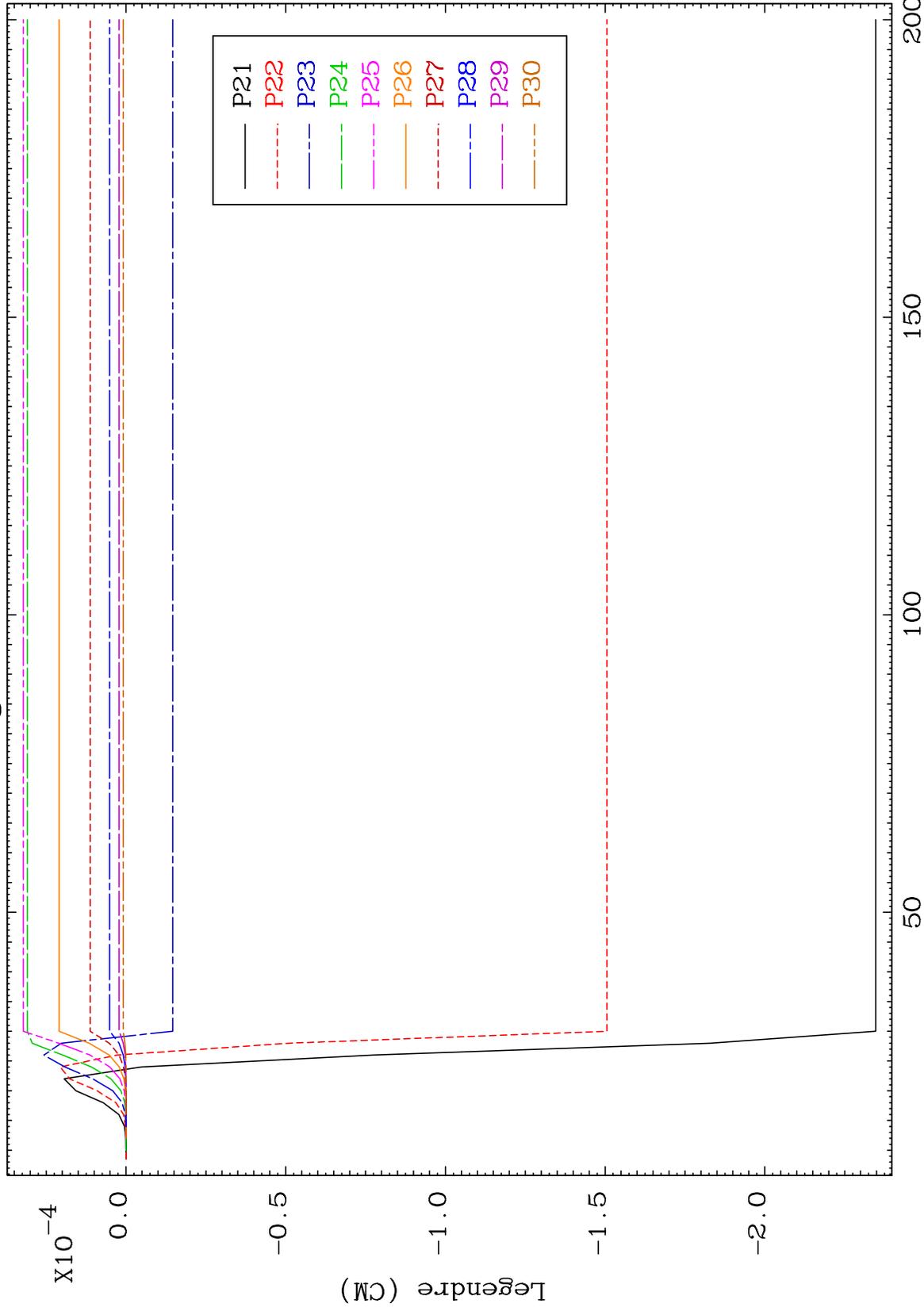


56

MAT 8616

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

86-Rn-208



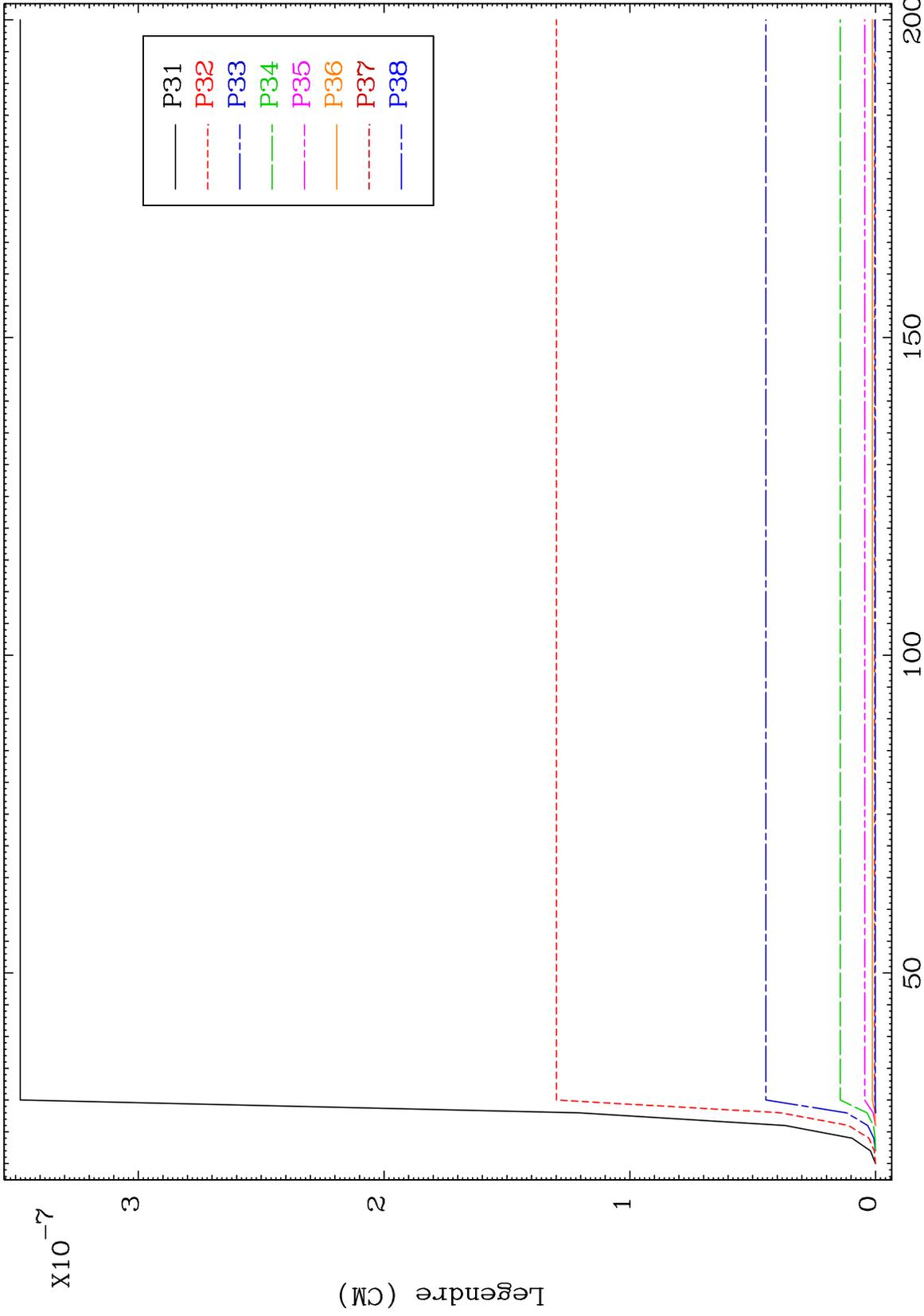
57

86-Rn-208

MAT 8616

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

86-Rn-208



58

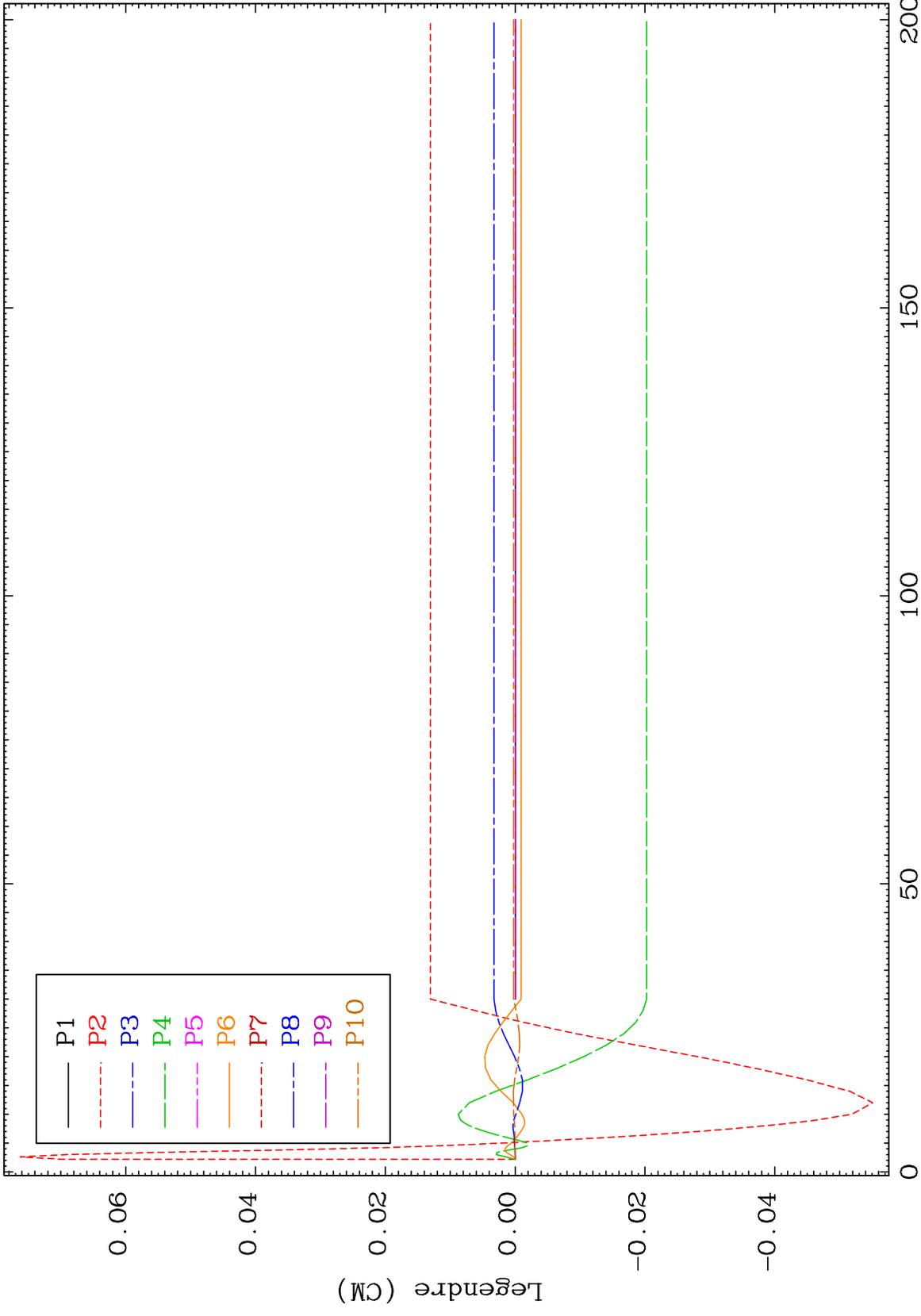
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



59

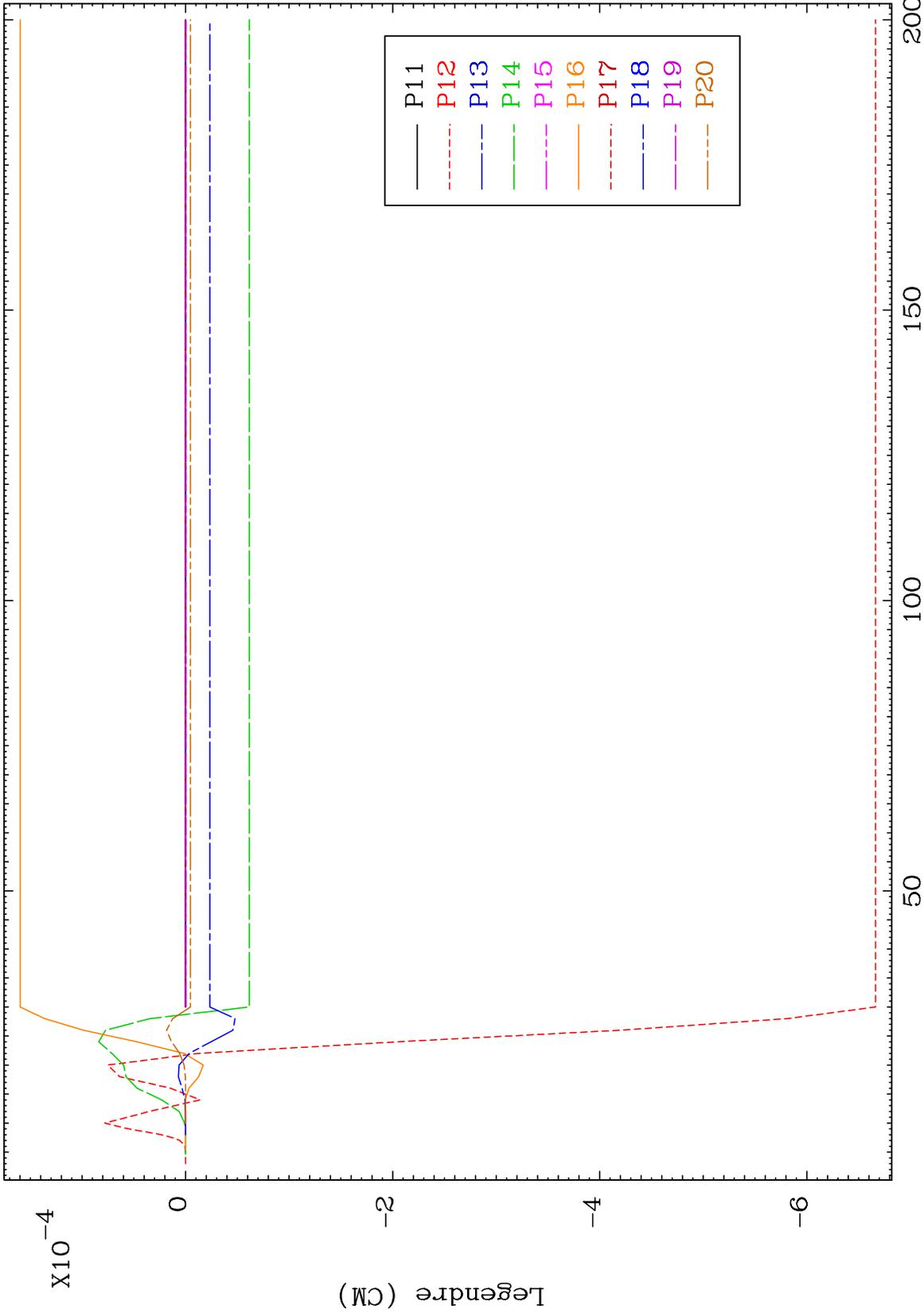
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208

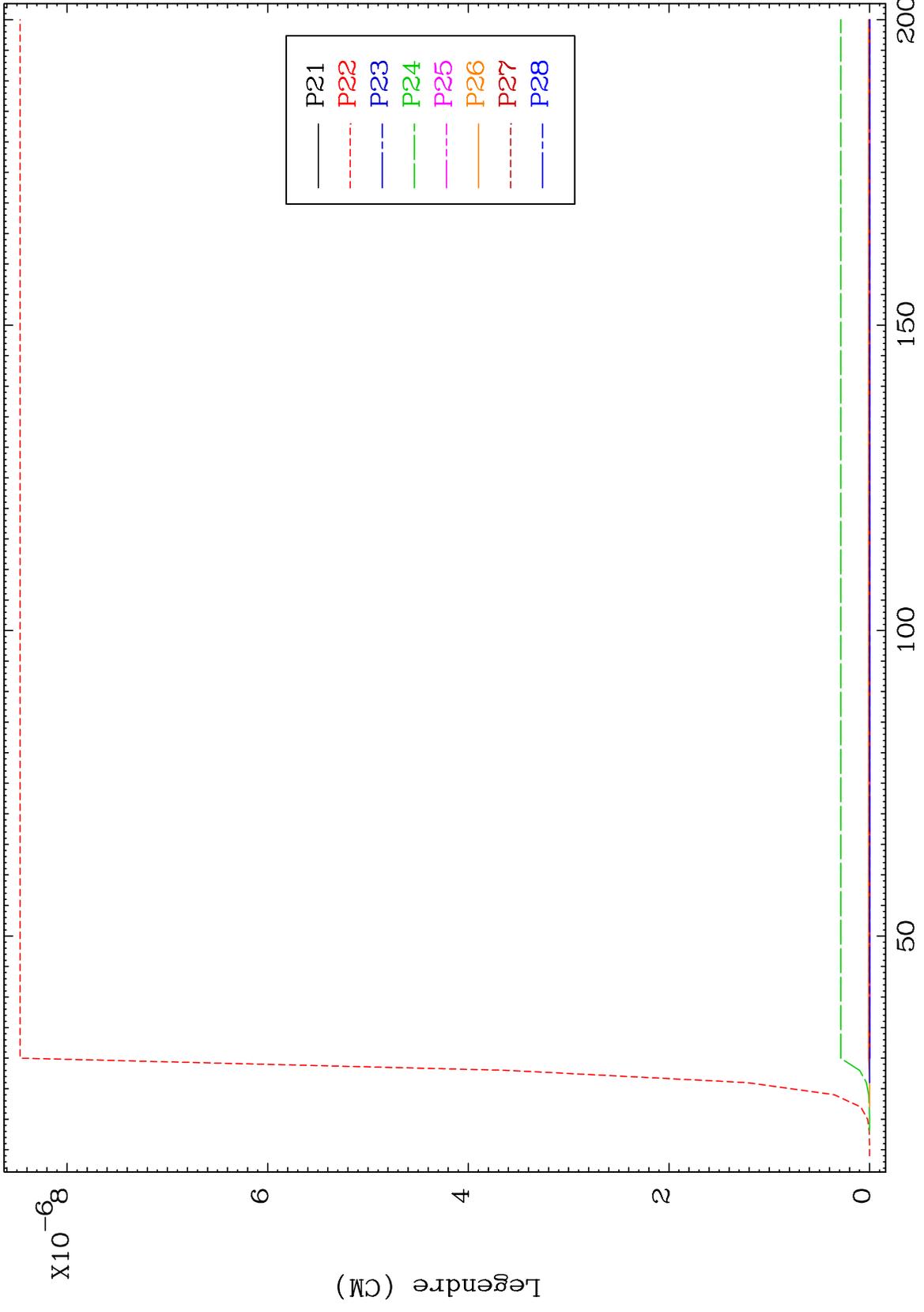


60

Incident Energy (MeV)

86-Rn-208

MAT 8616 MT= 61 (n,n') Level Legendre Coefficients 86-Rn-208

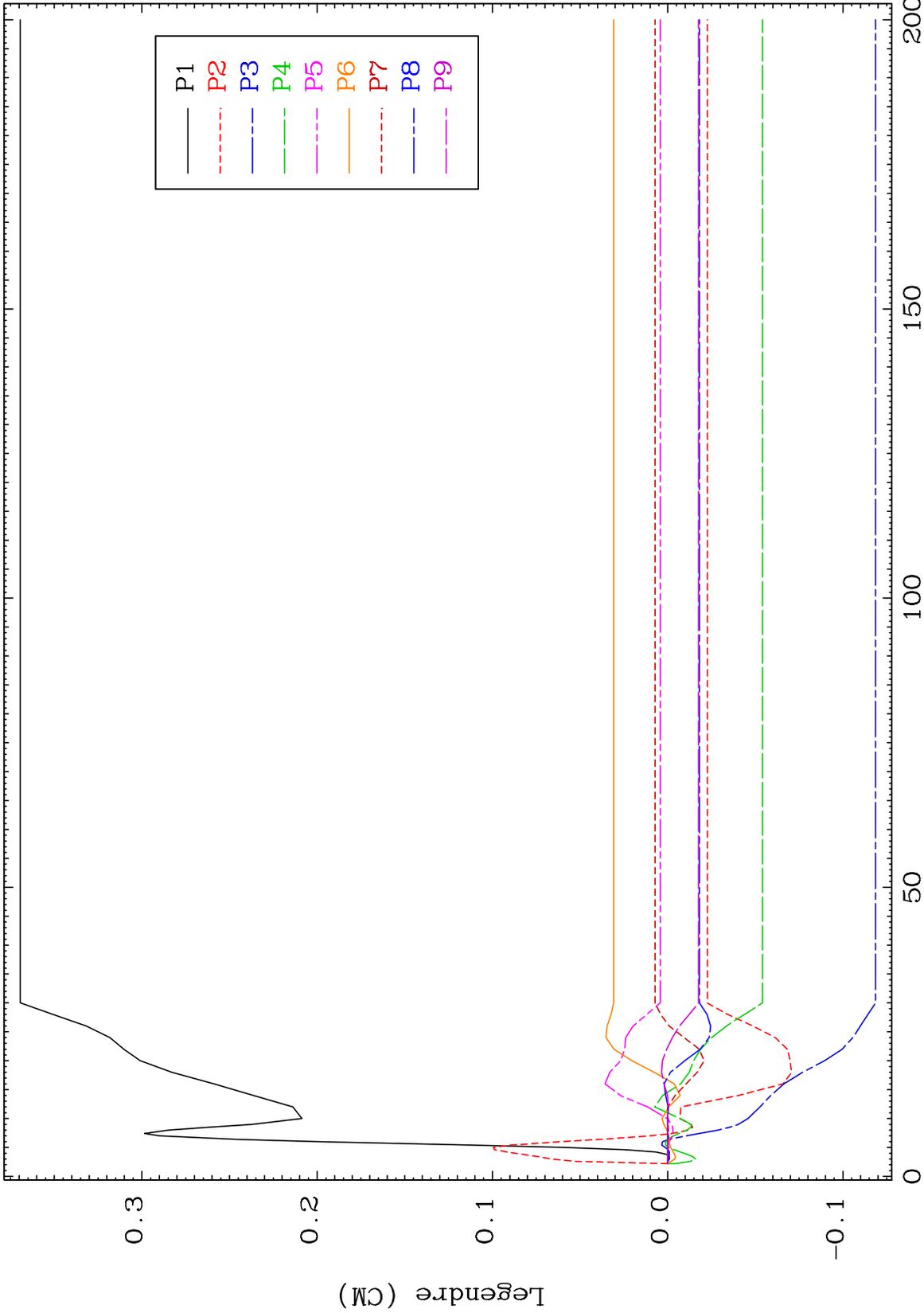


61 86-Rn-208

MAT 8616

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

86-Rn-208



62

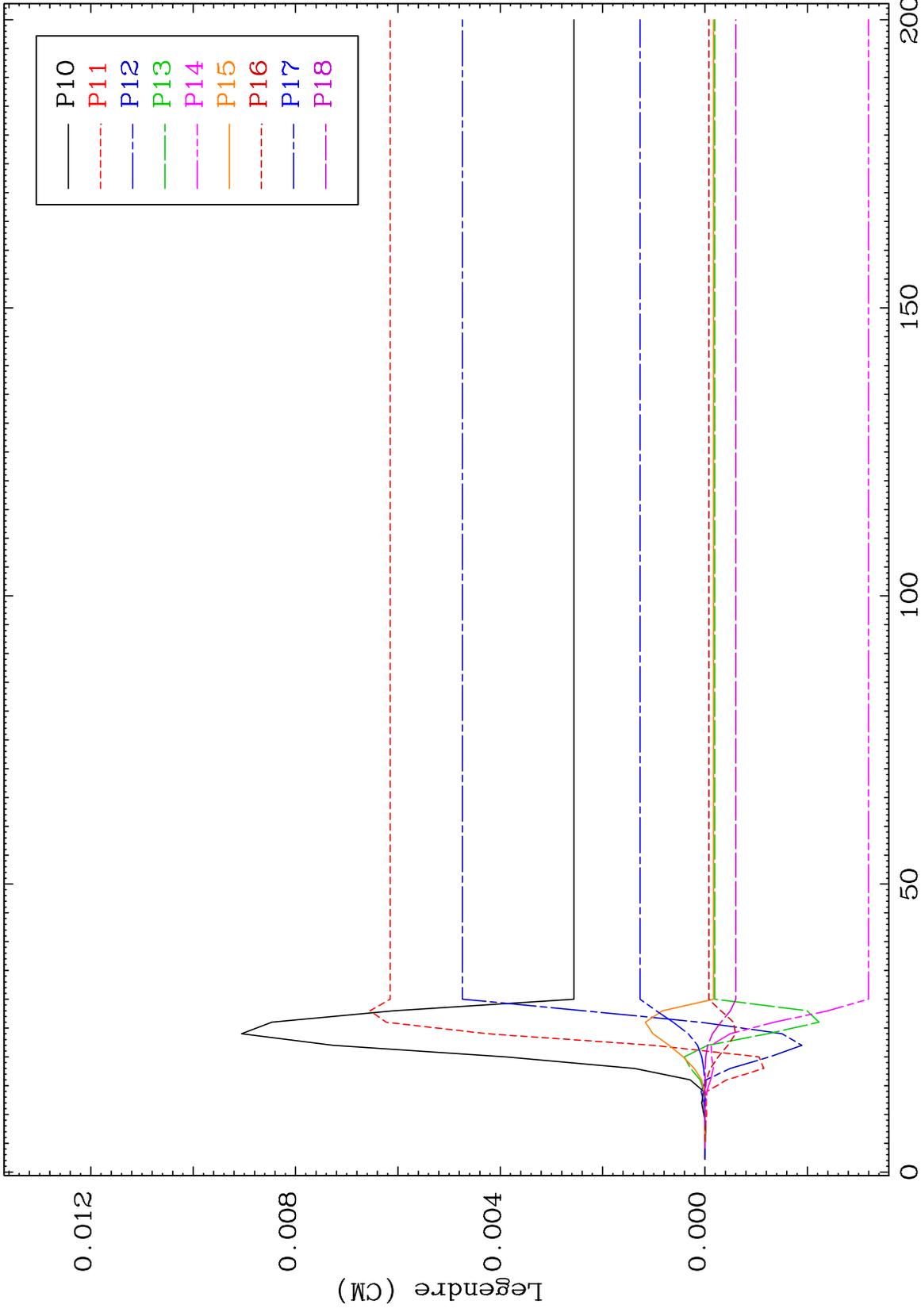
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



63

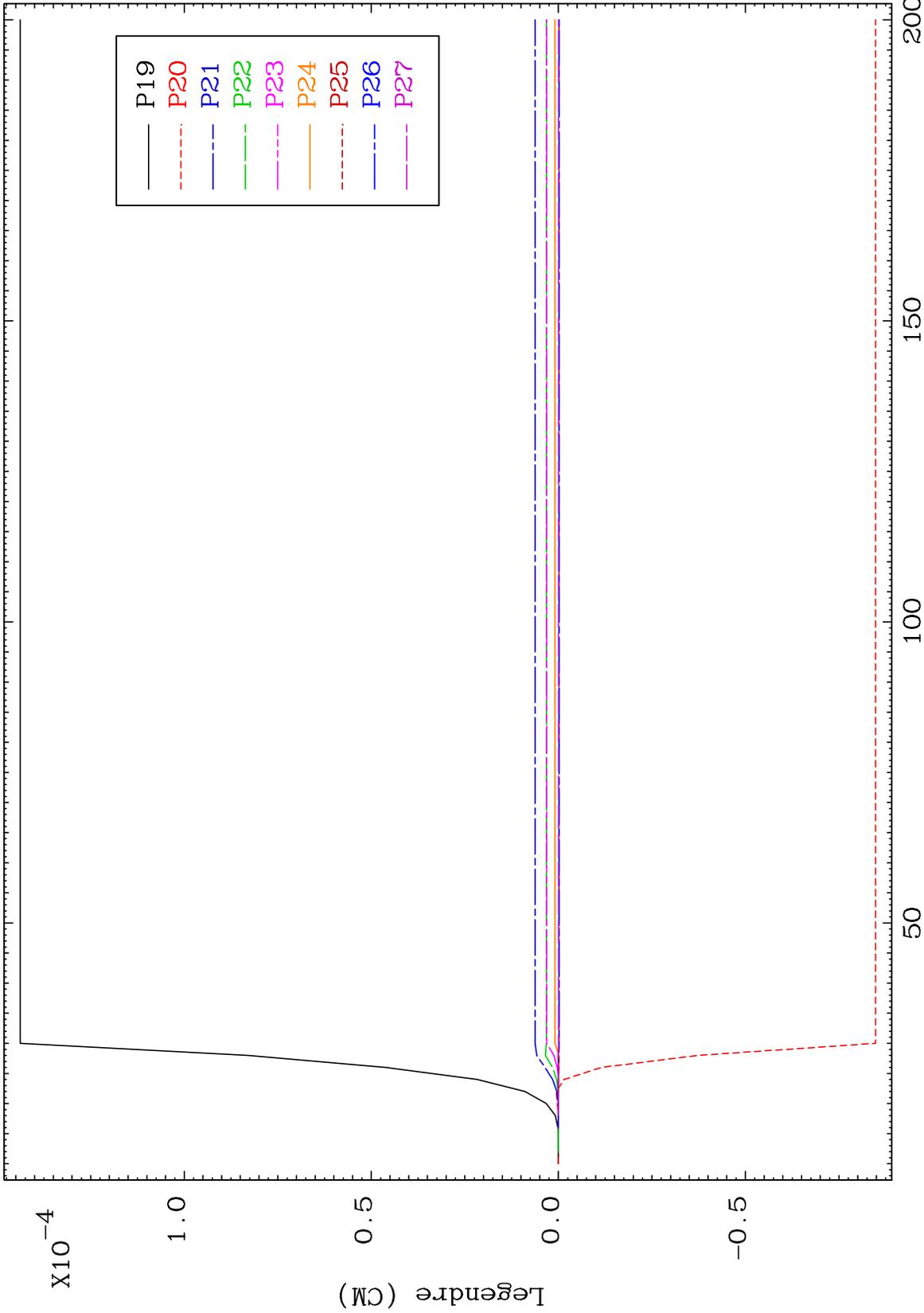
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208

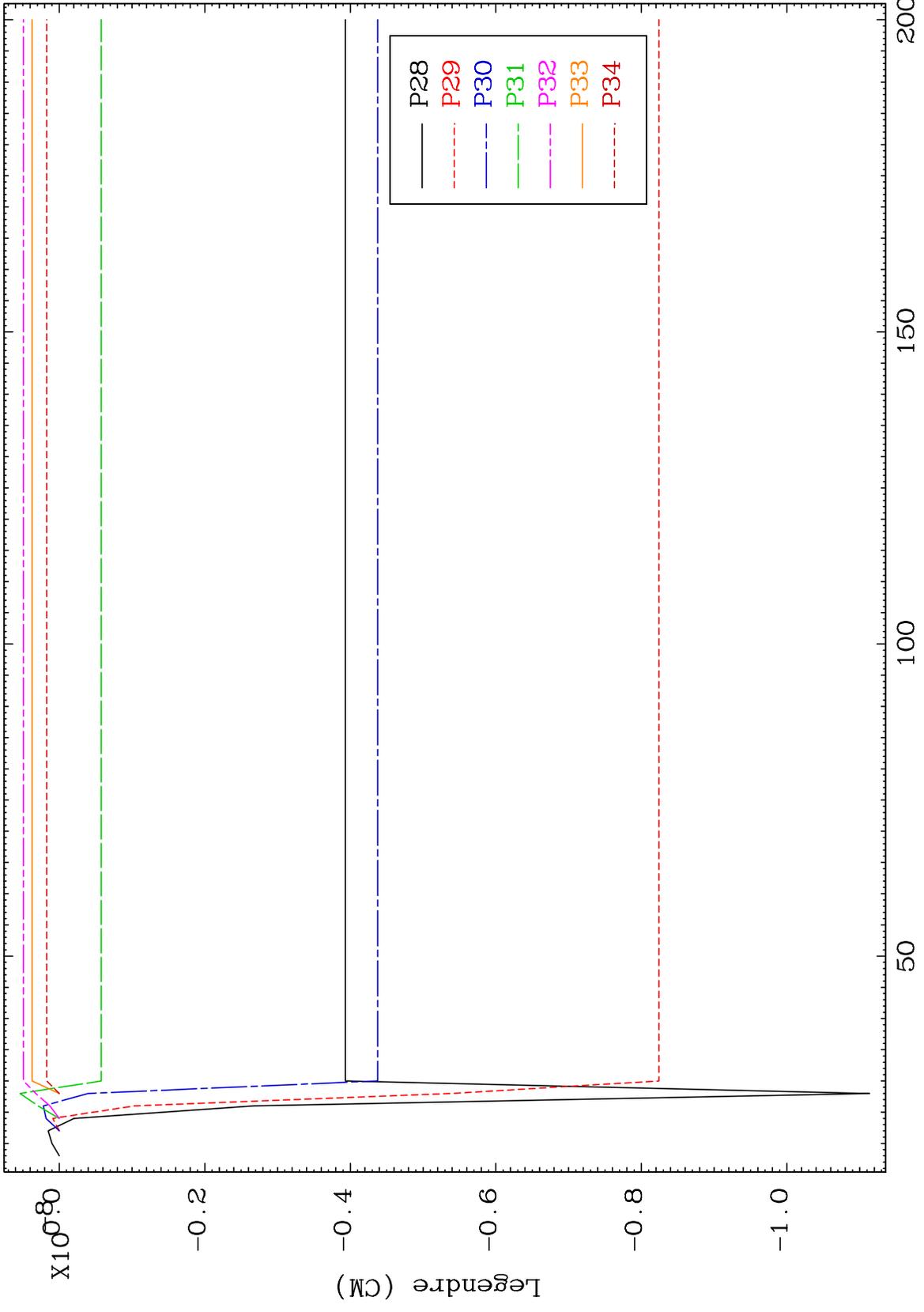


64

Incident Energy (MeV)

86-Rn-208

MAT 8616 MT= 62 (n,n') Level Legendre Coefficients 86-Rn-208

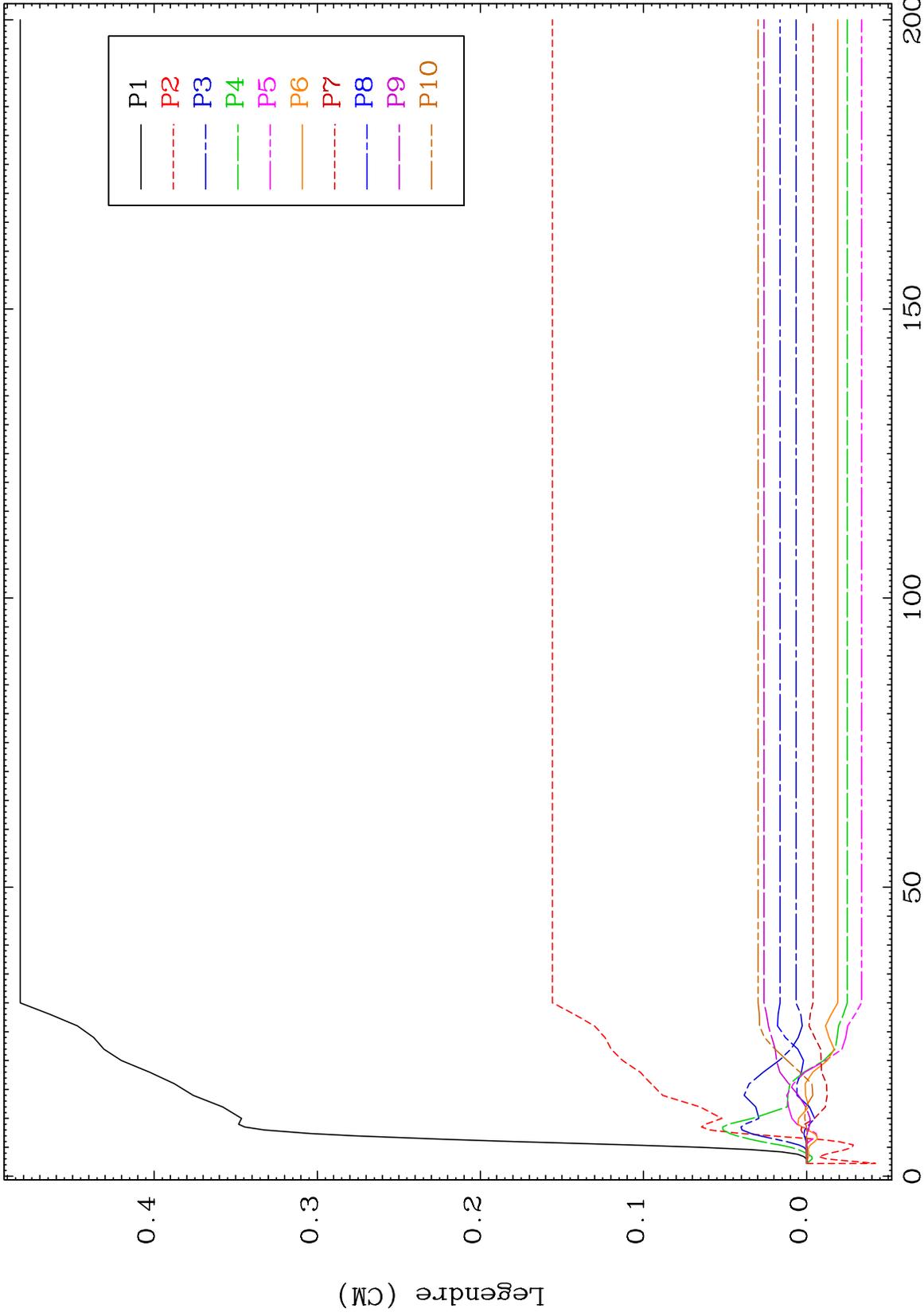


65 Incident Energy (MeV) 86-Rn-208

MAT 8616

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

86-Rn-208



66

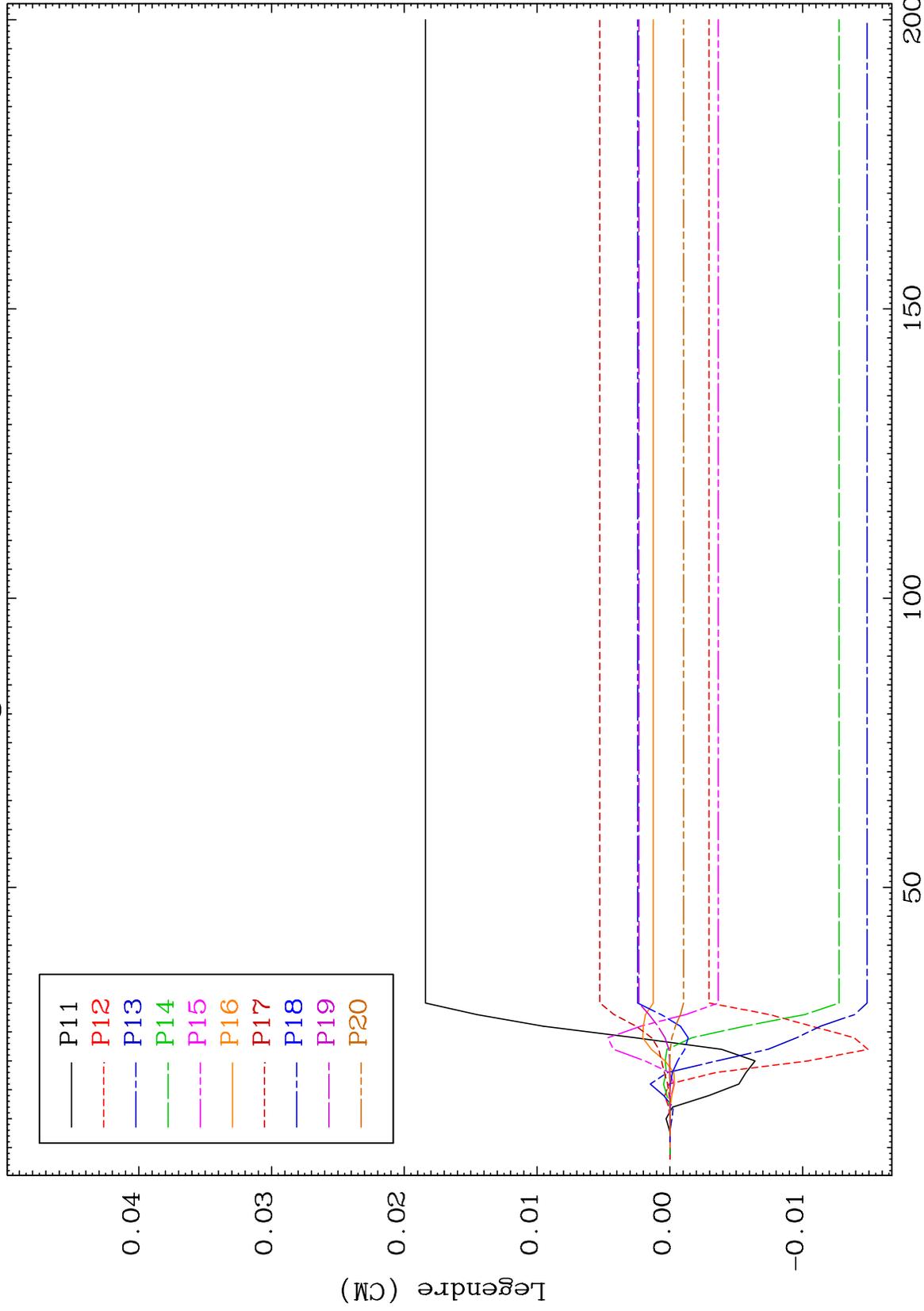
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



67

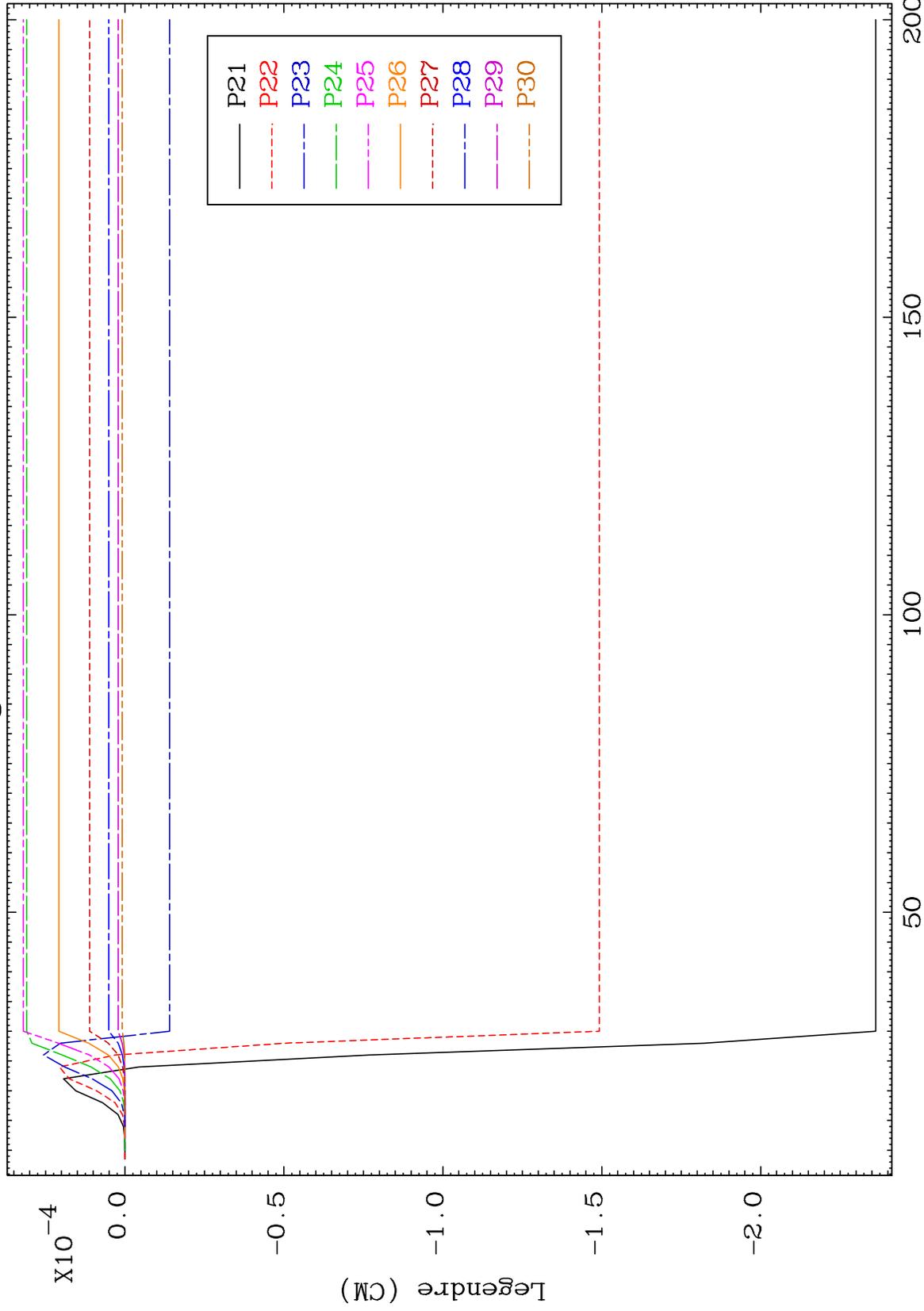
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



68

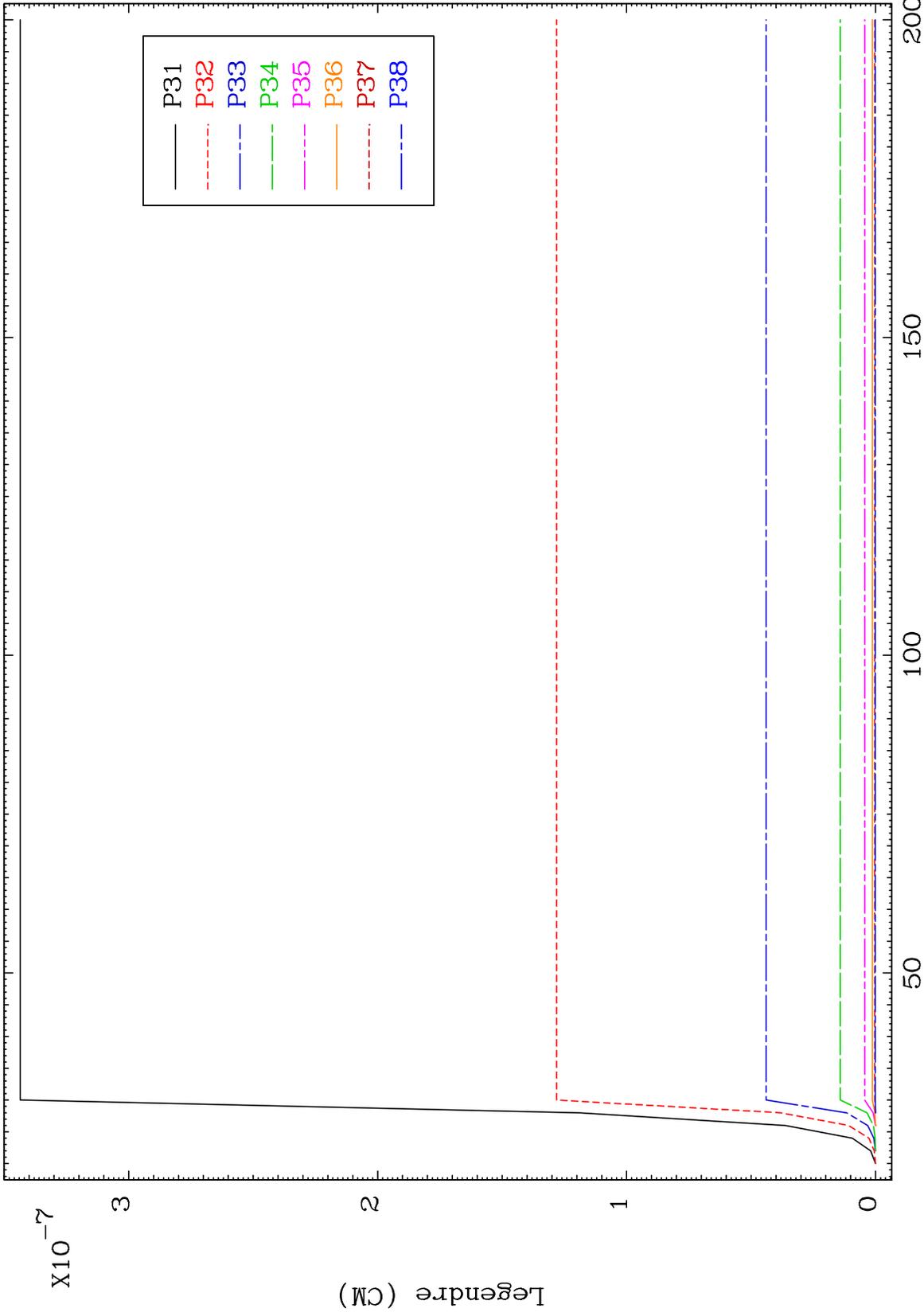
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



69

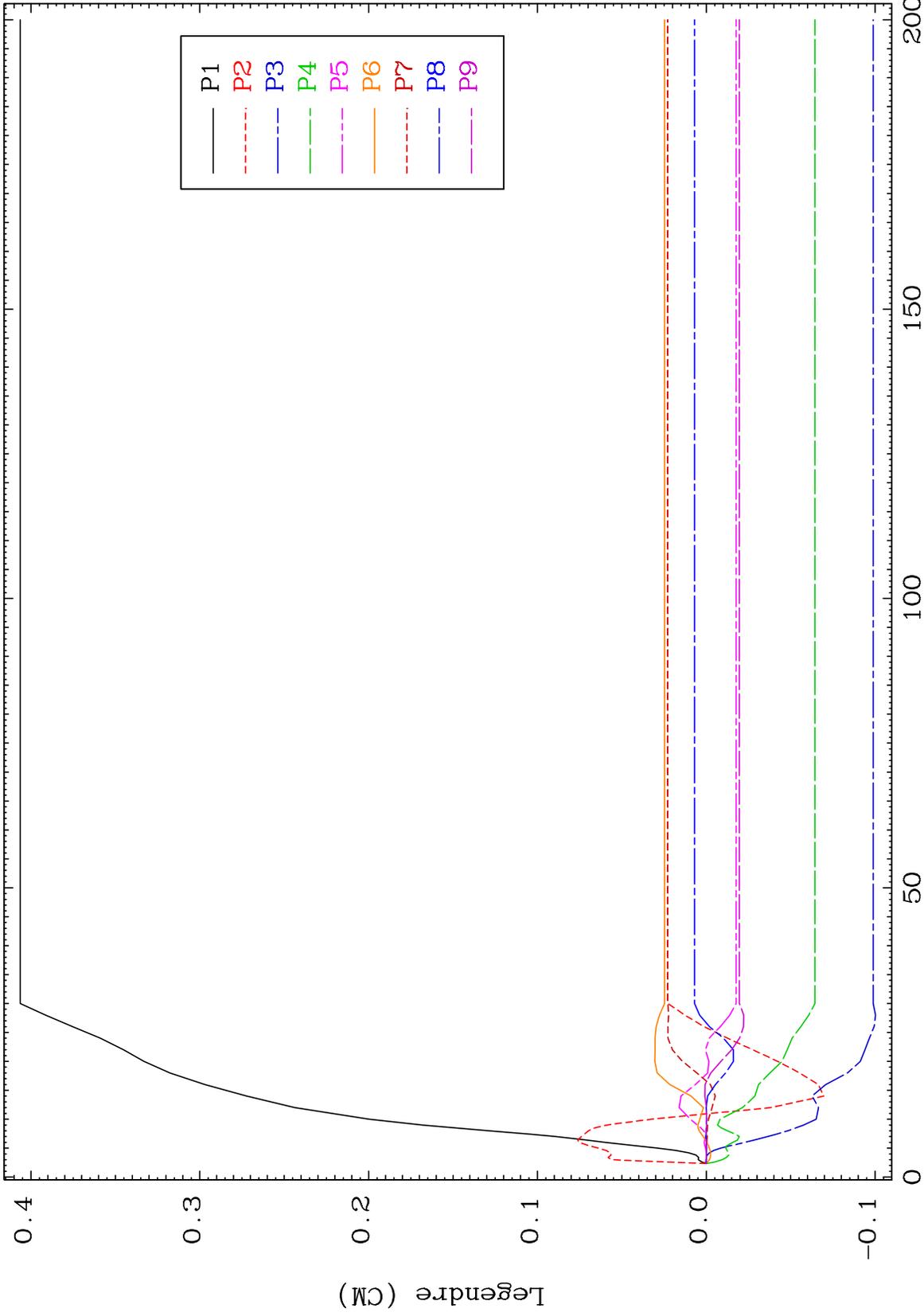
86-Rn-208

86-Rn-208

MAT 8616

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

86-Rn-208



70

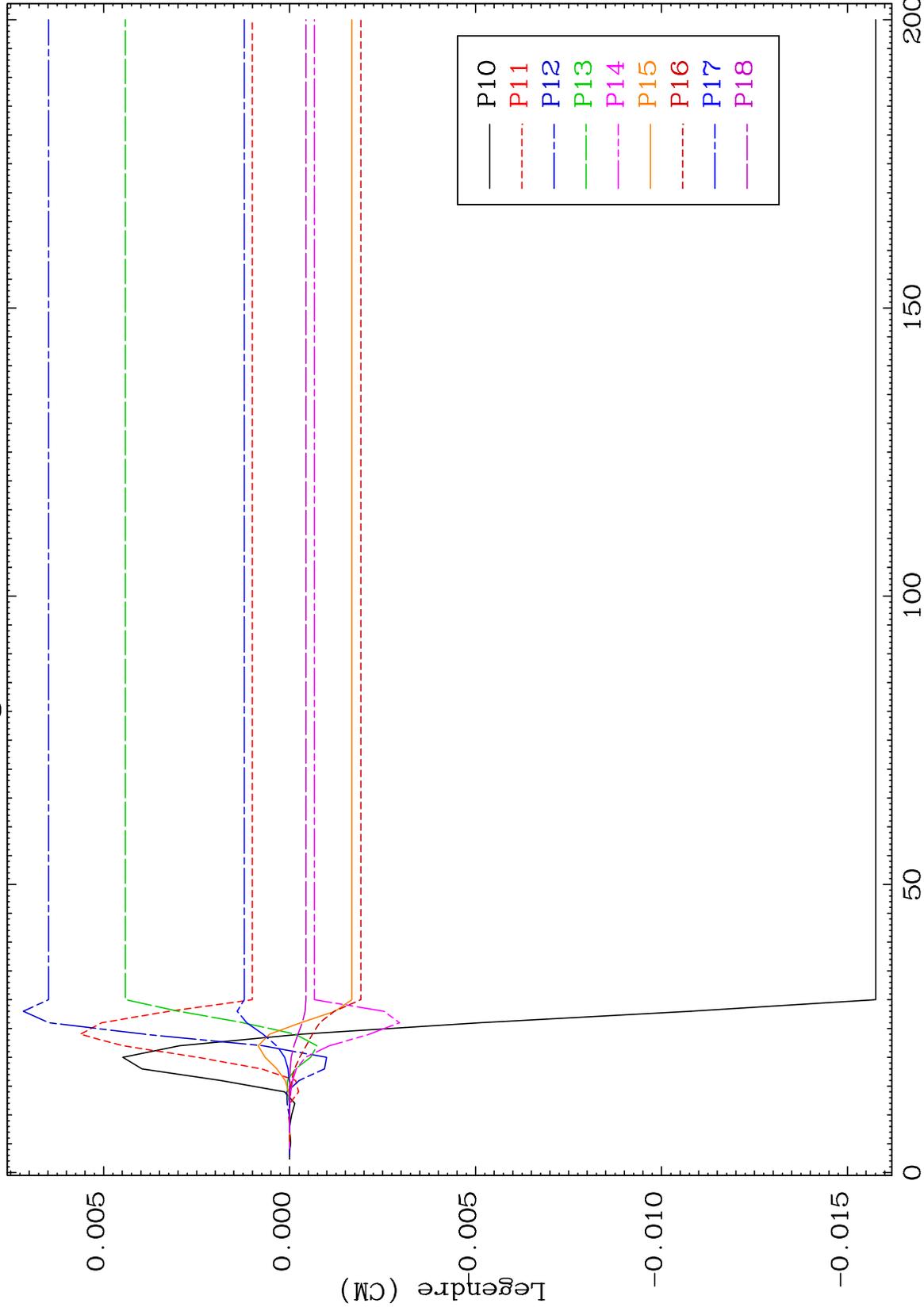
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



71

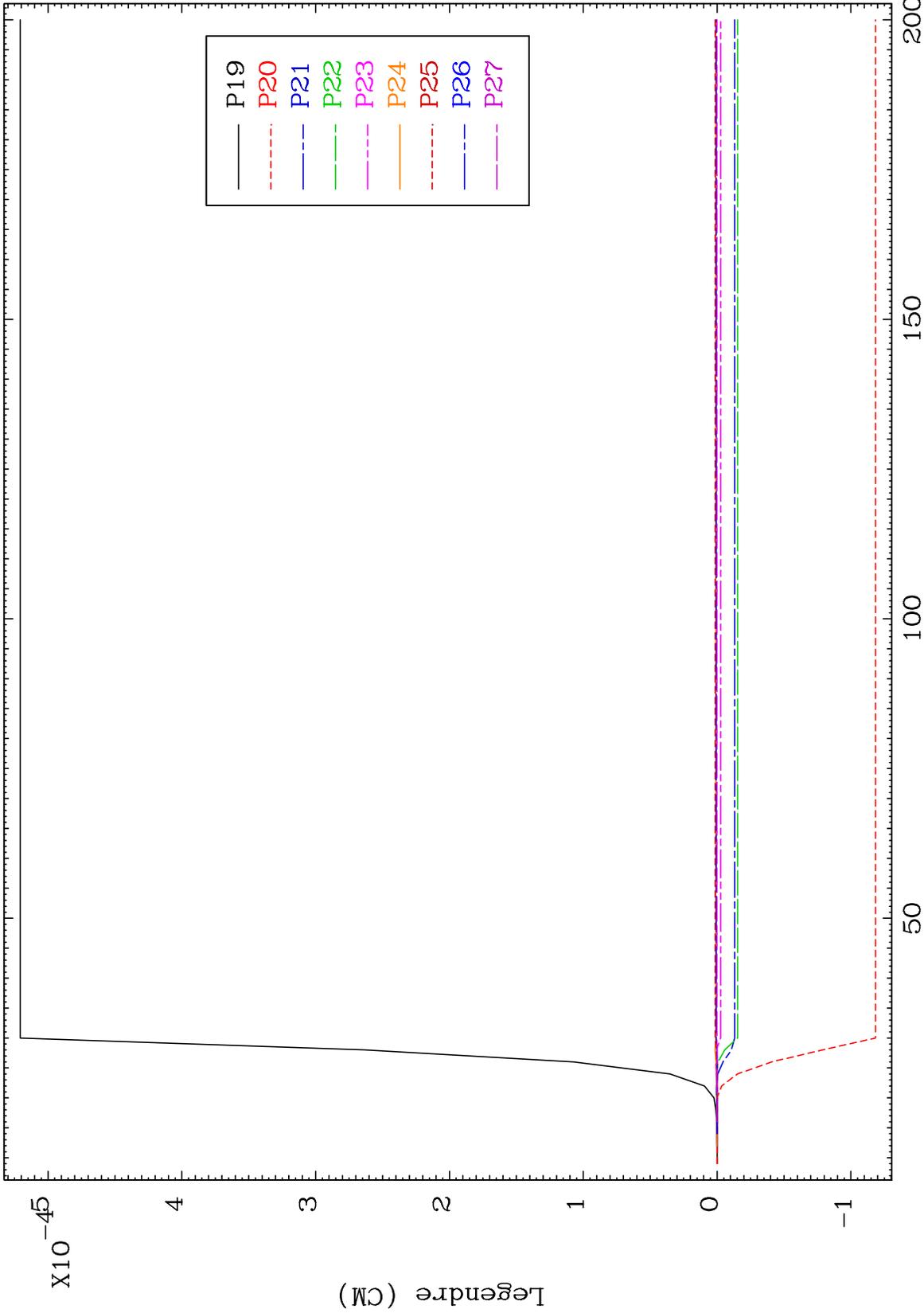
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



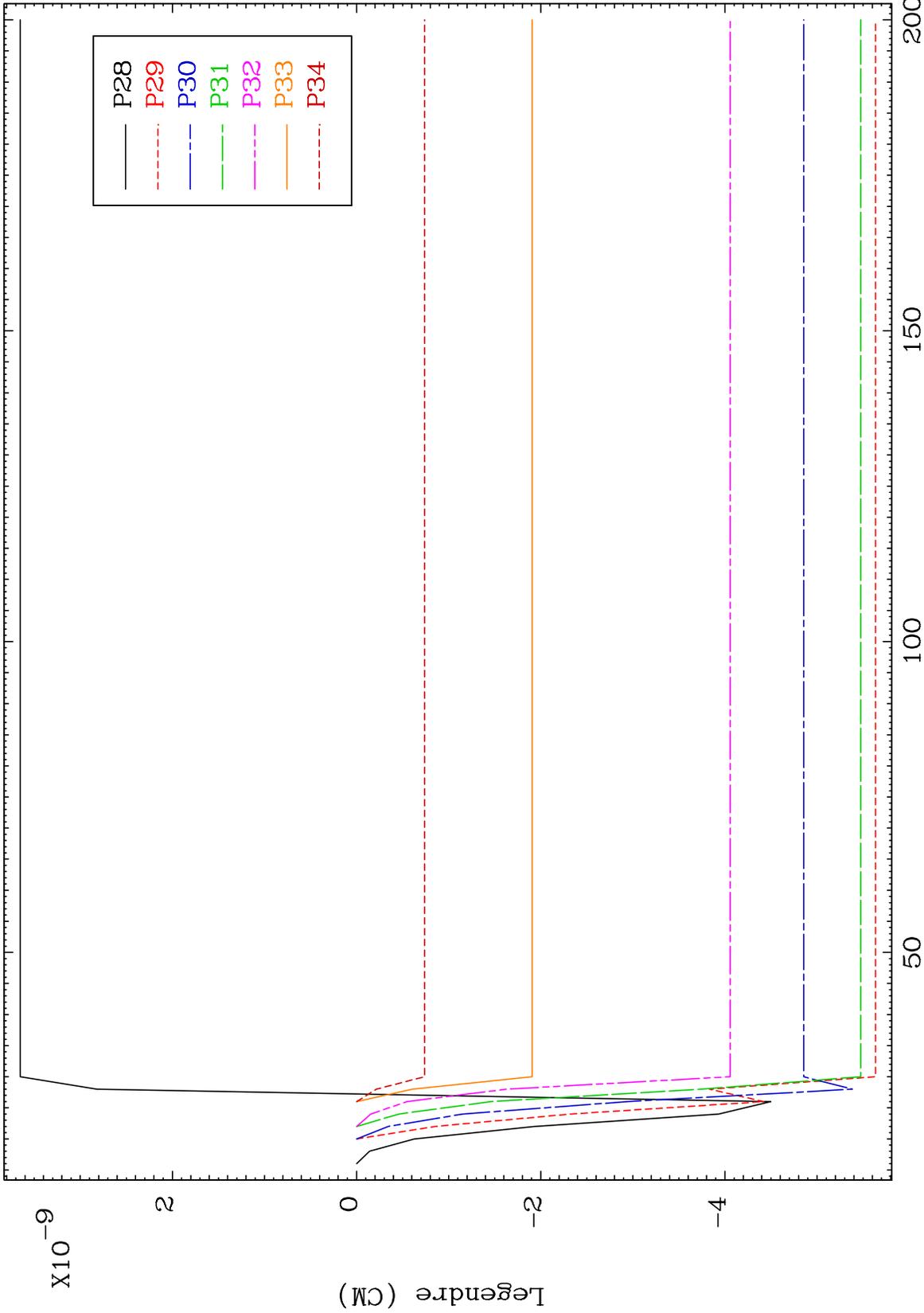
72

86-Rn-208

MAT 8616

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

86-Rn-208



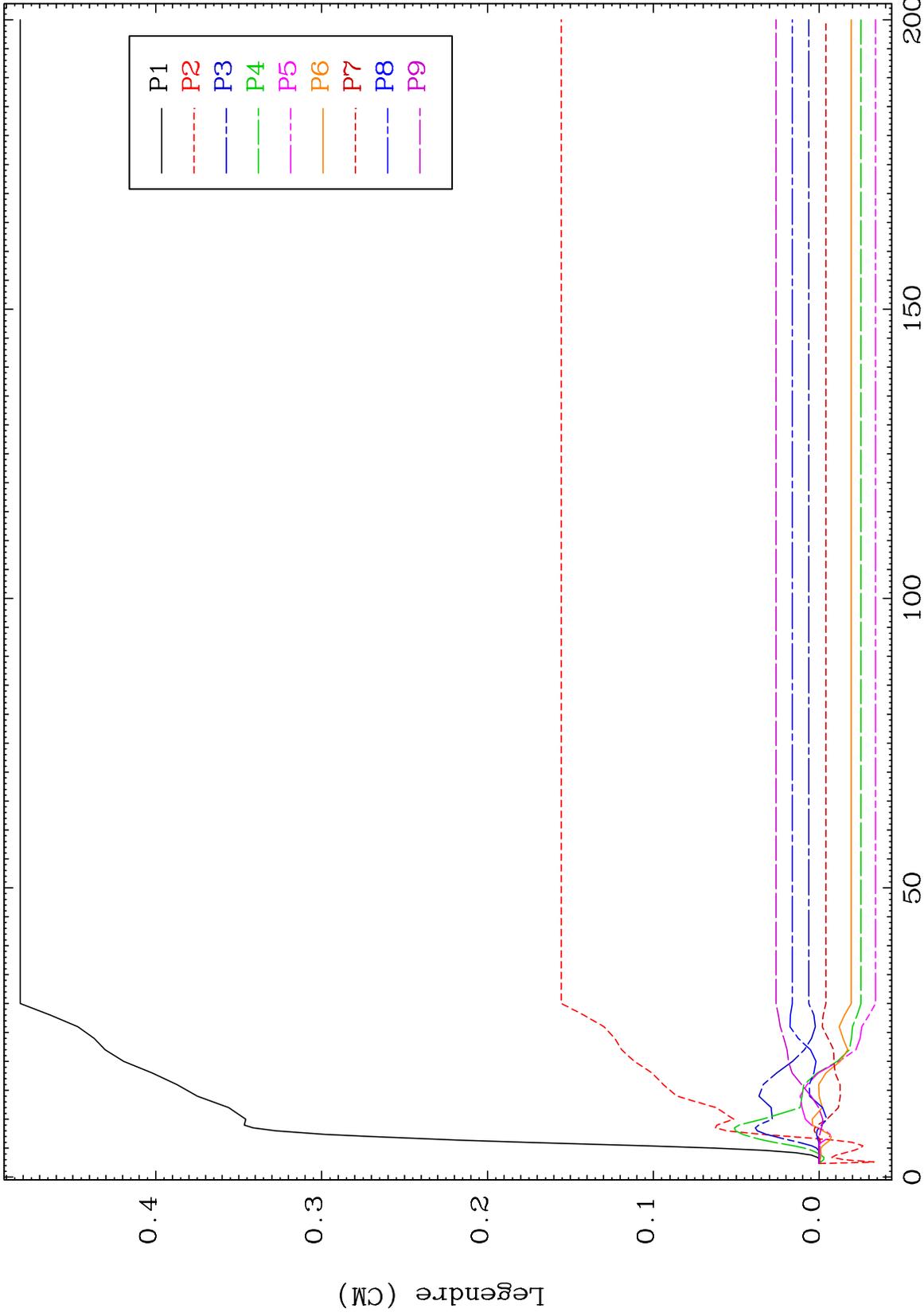
73

86-Rn-208

MAT 8616

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

86-Rn-208



74

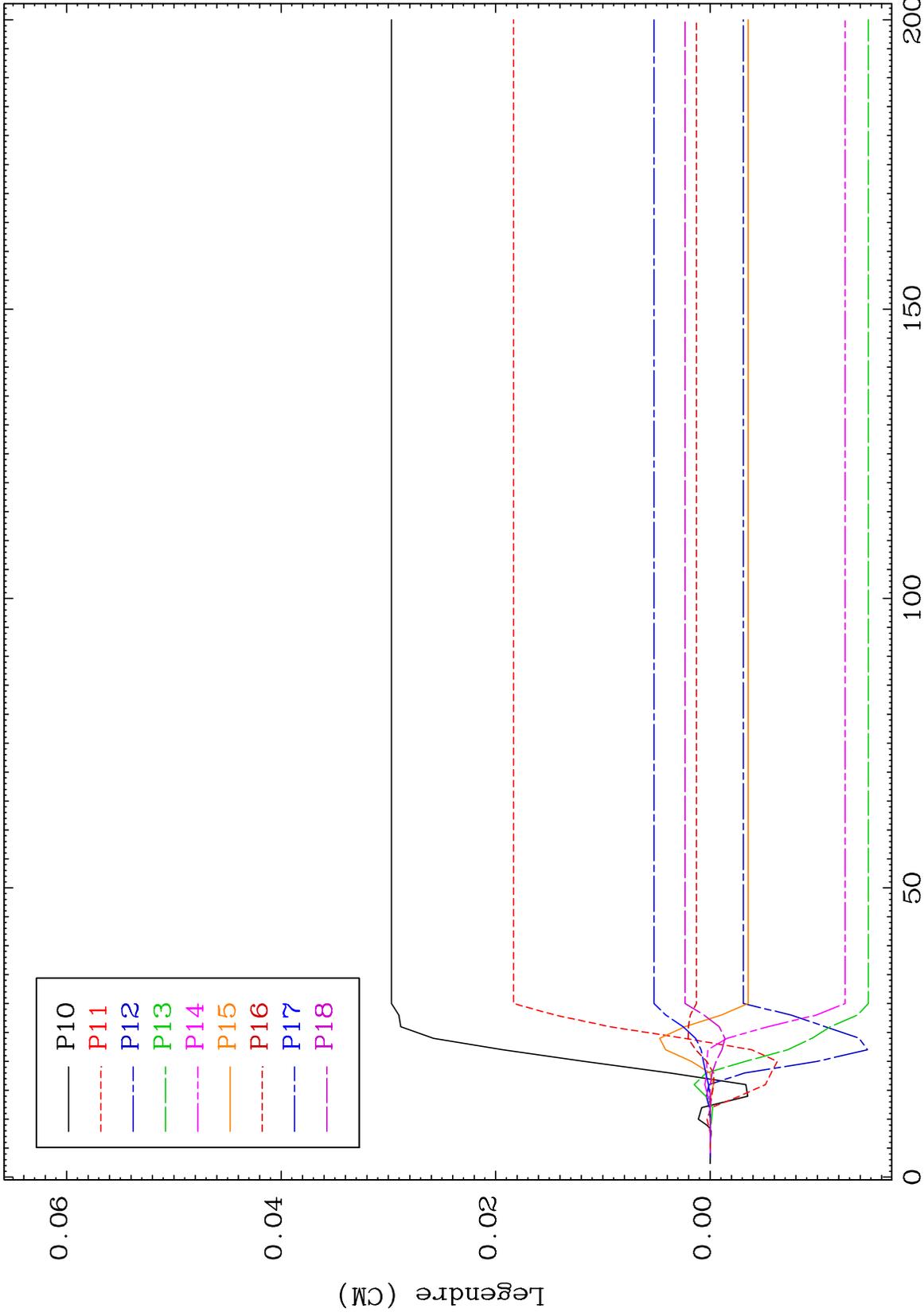
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



75

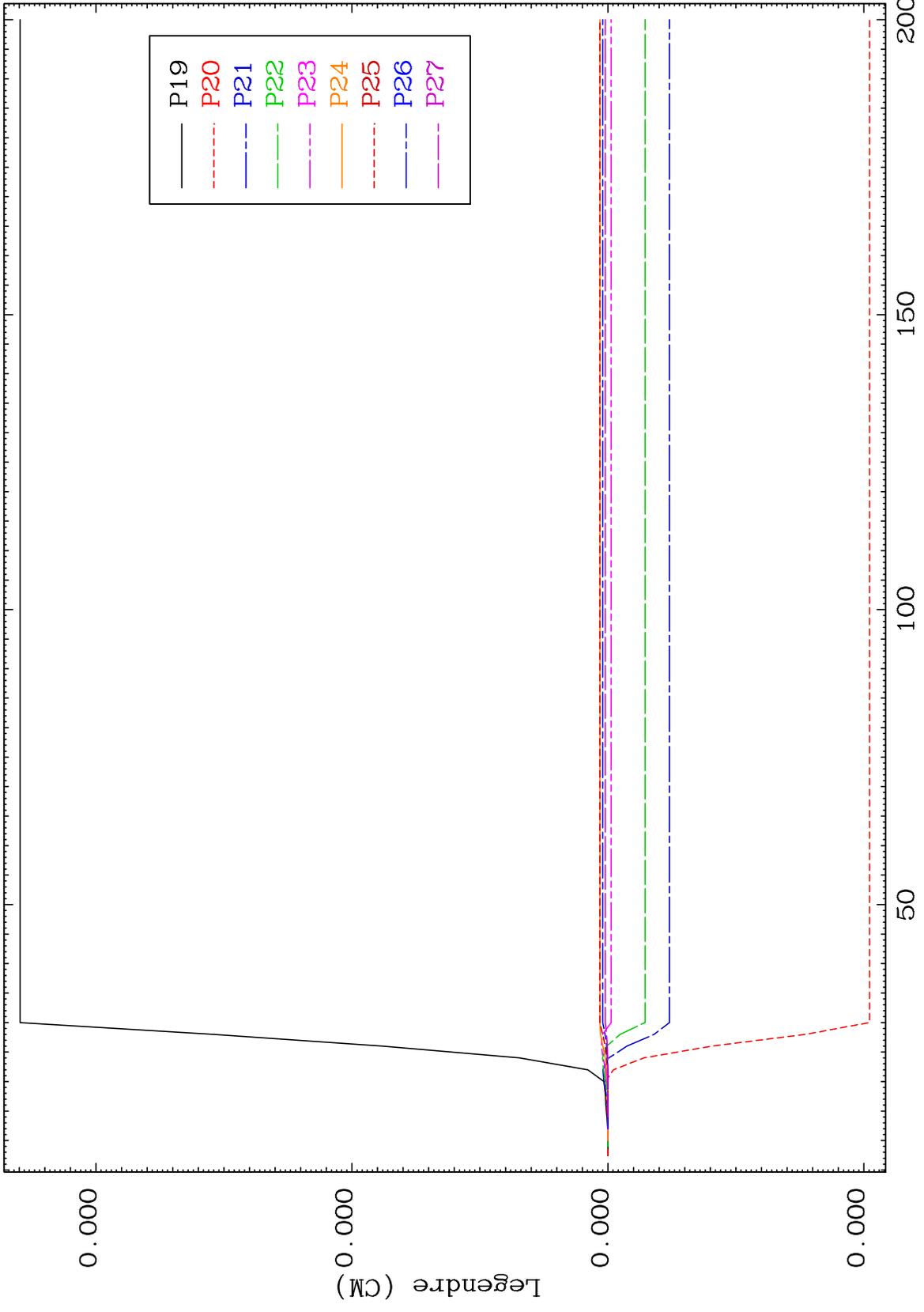
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



76

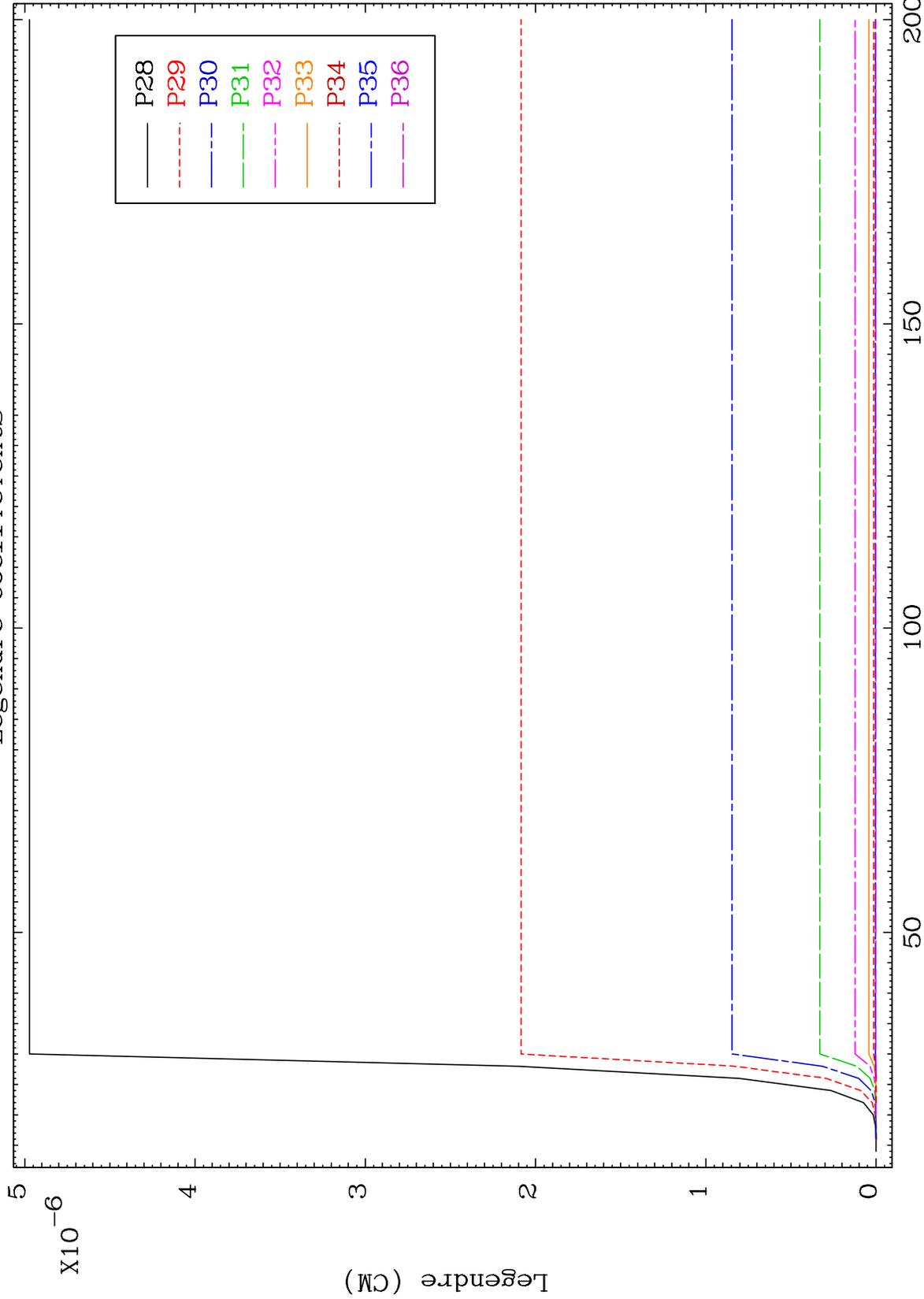
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

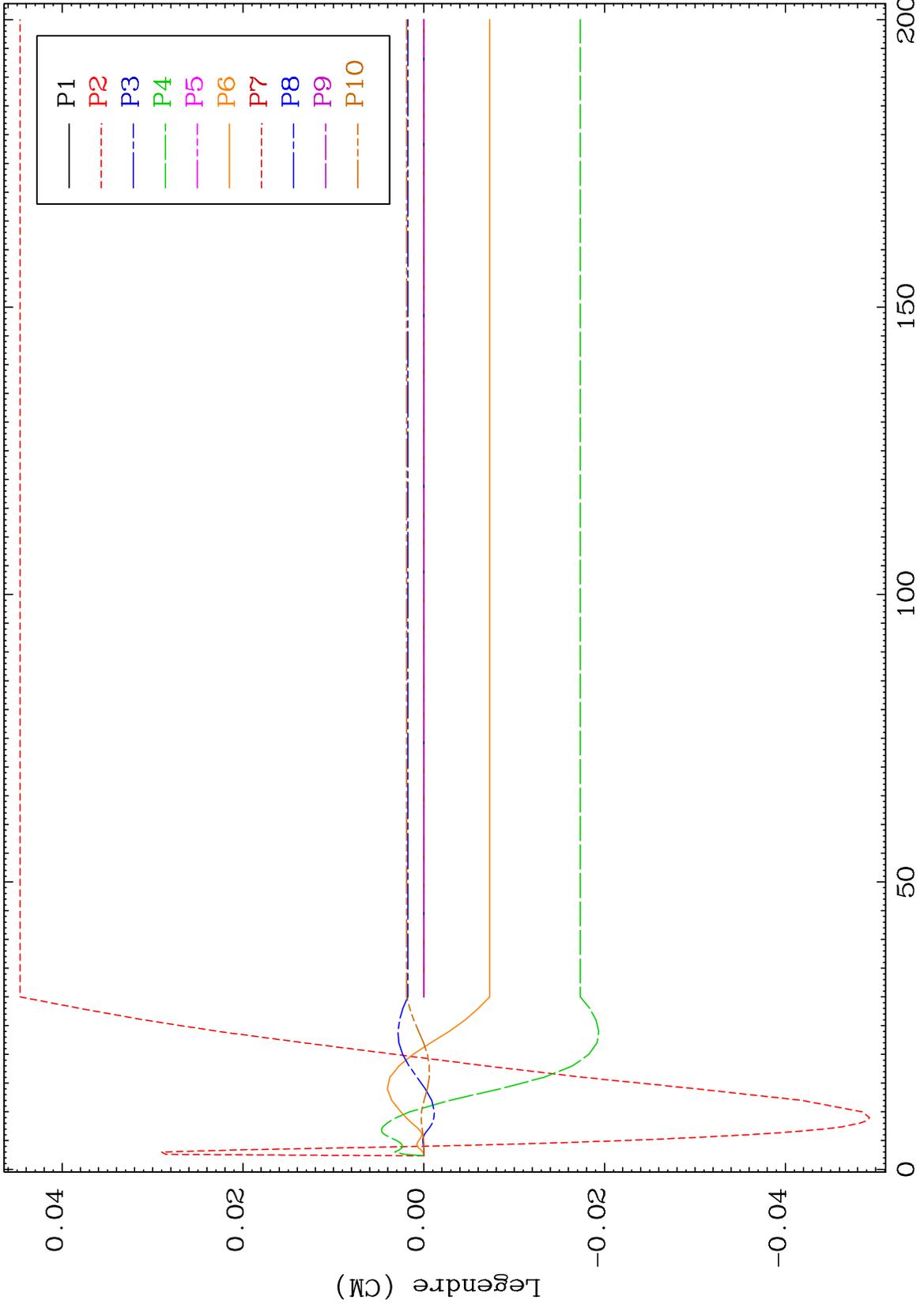
86-Rn-208



77

86-Rn-208

MAT 8616 MT= 66 (n,n') Level Legendre Coefficients 86-Rn-208

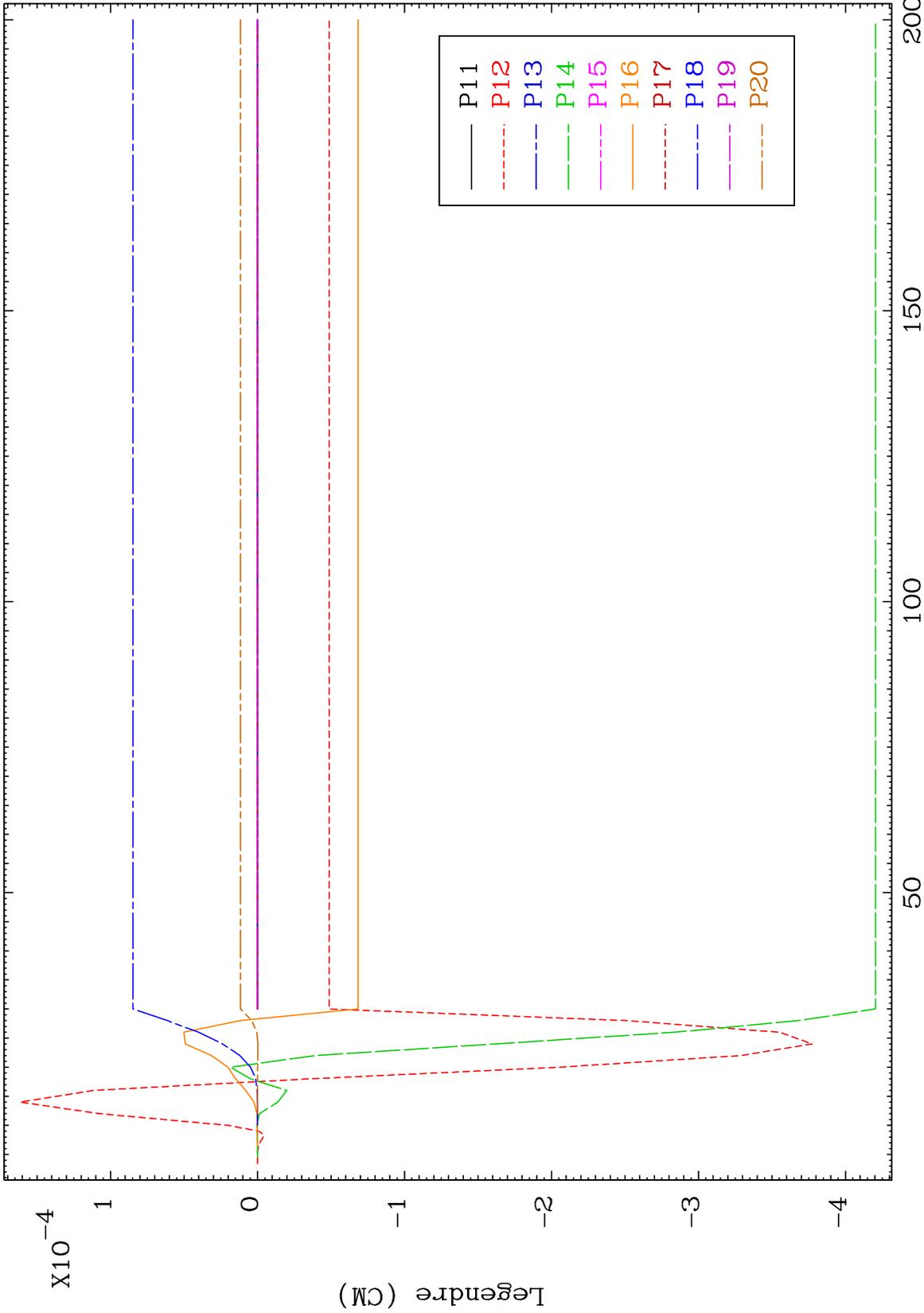


78 86-Rn-208

MAT 8616

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

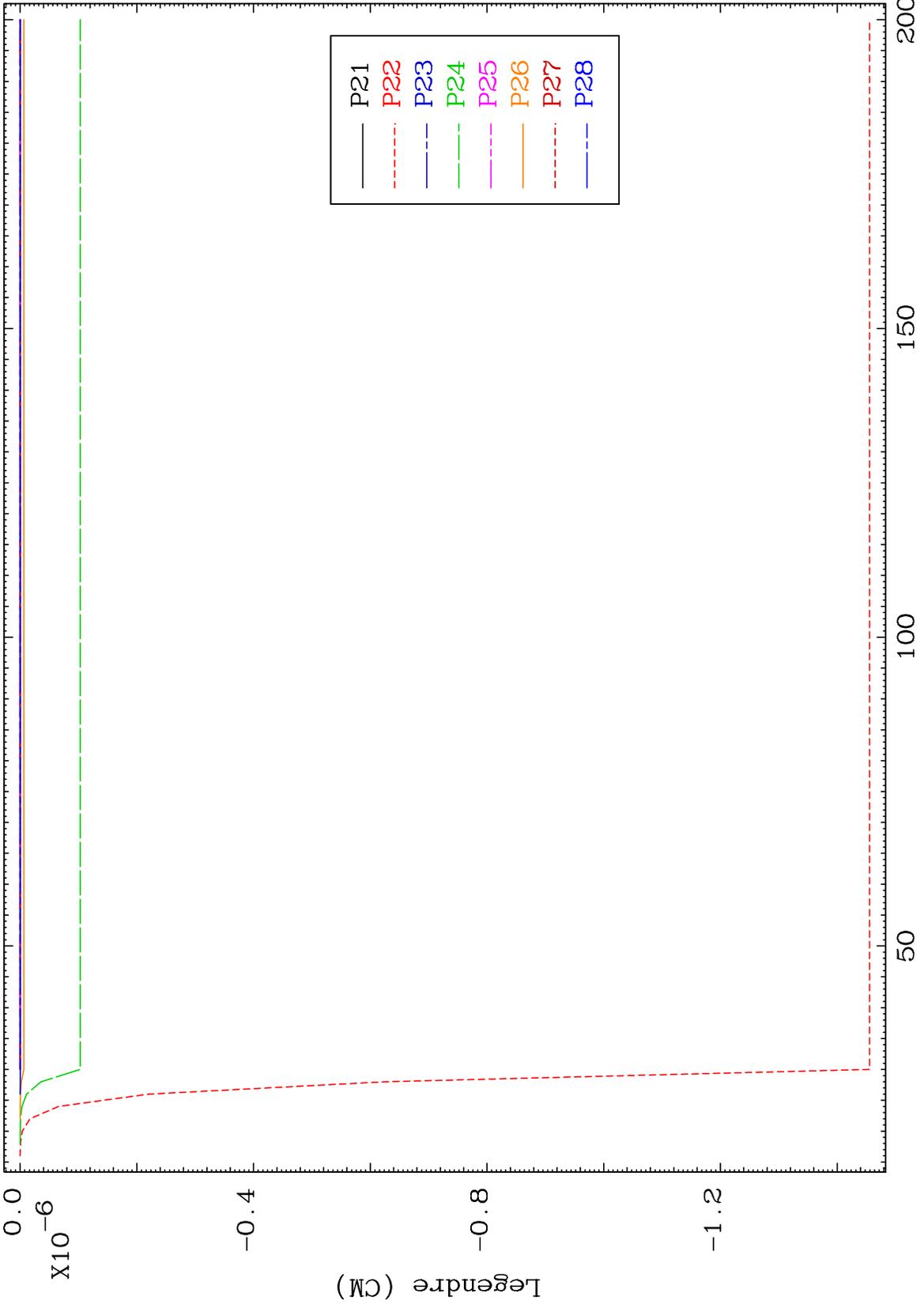
86-Rn-208



79

86-Rn-208

MAT 8616 MT= 66 (n,n') Level Legendre Coefficients 86-Rn-208

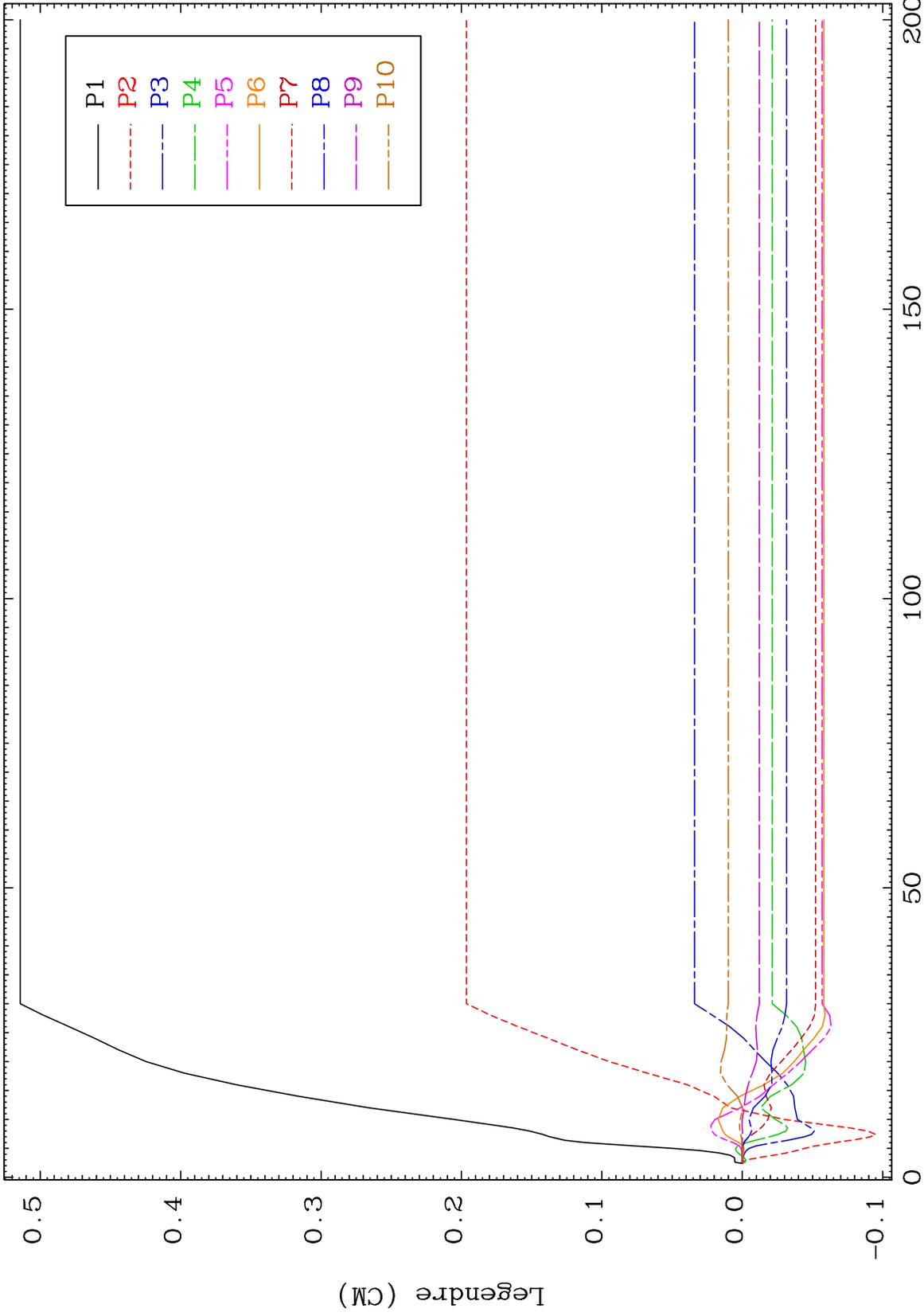


86-Rn-208

MAT 8616

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

86-Rn-208



81

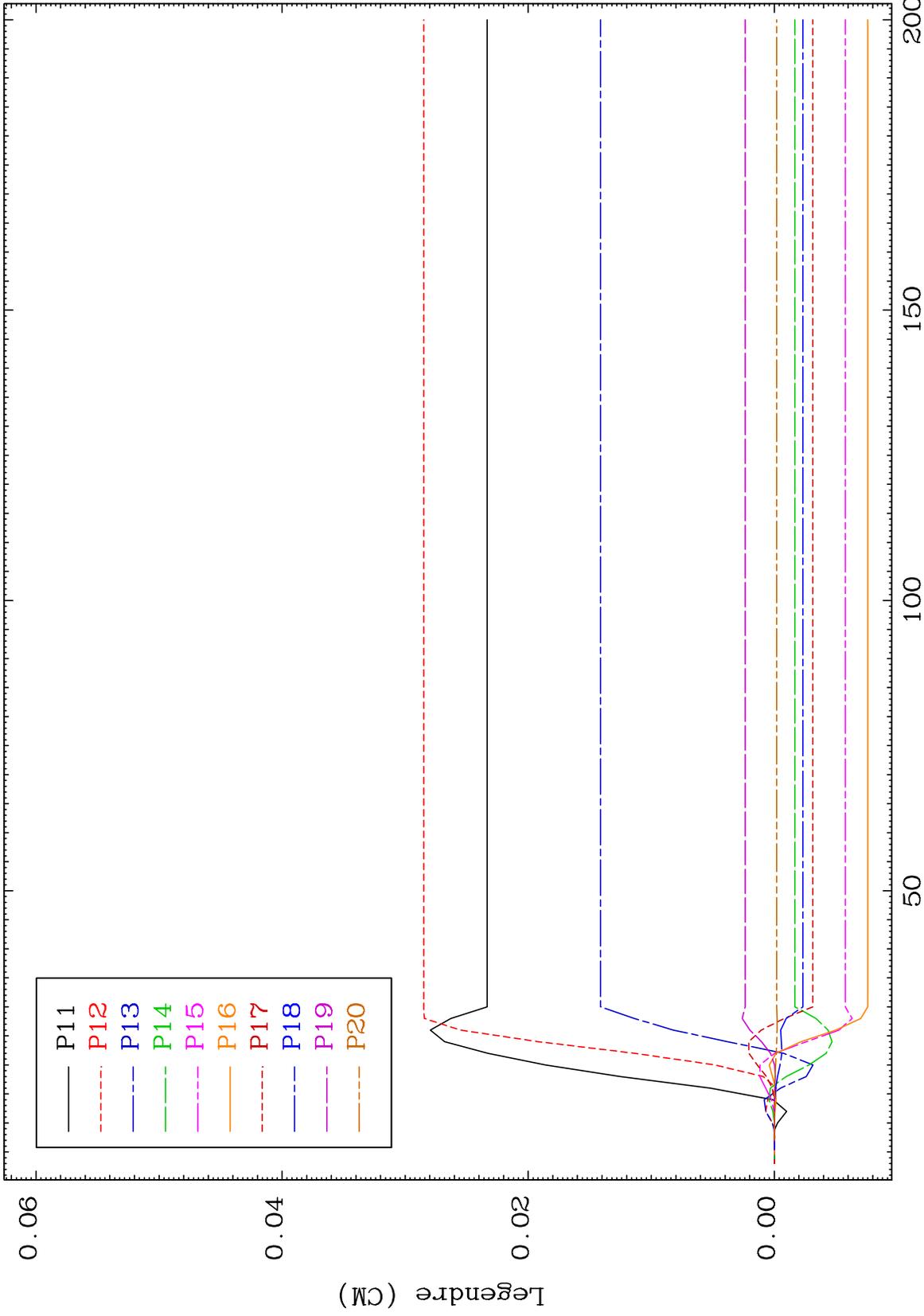
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



82

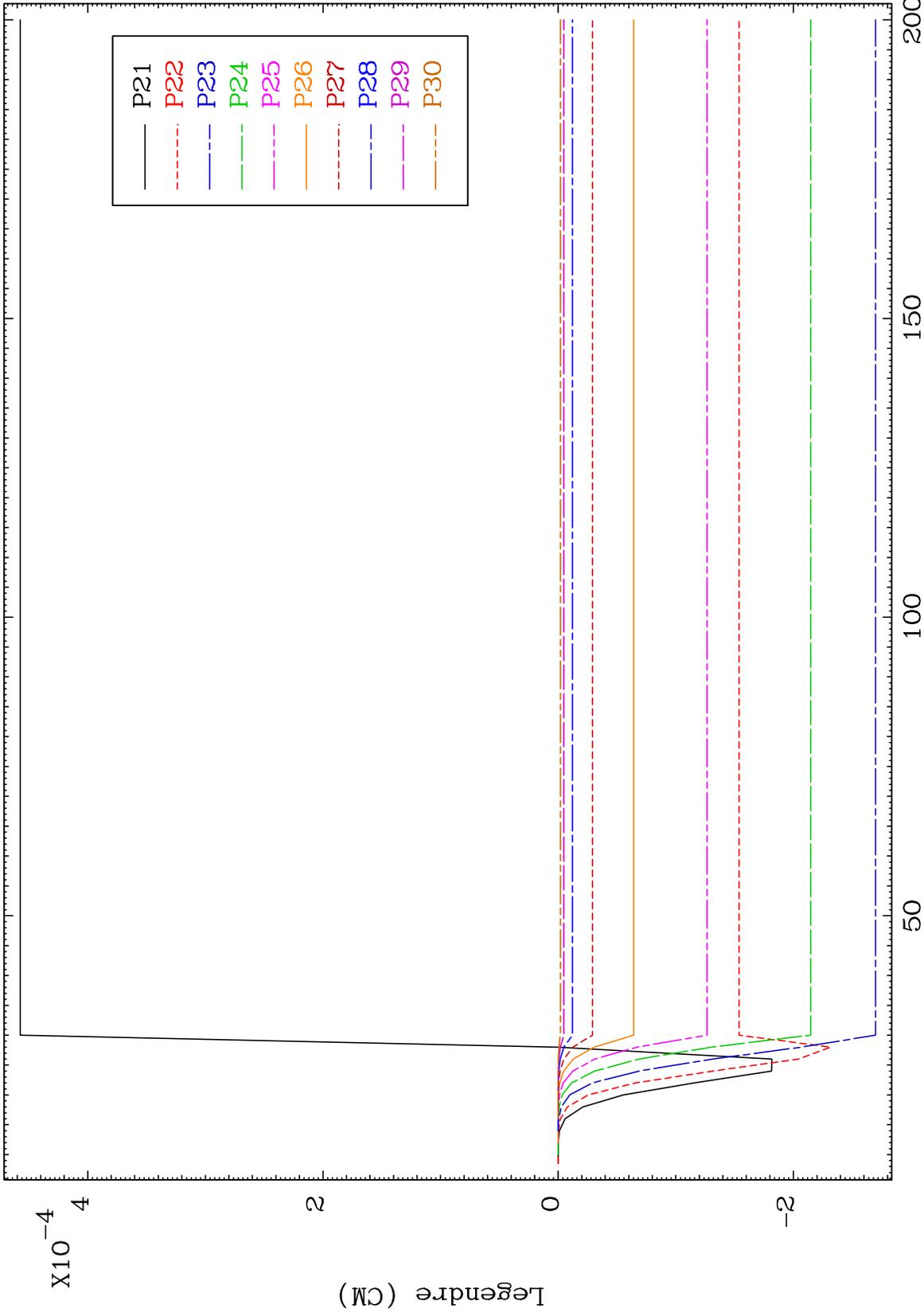
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



83

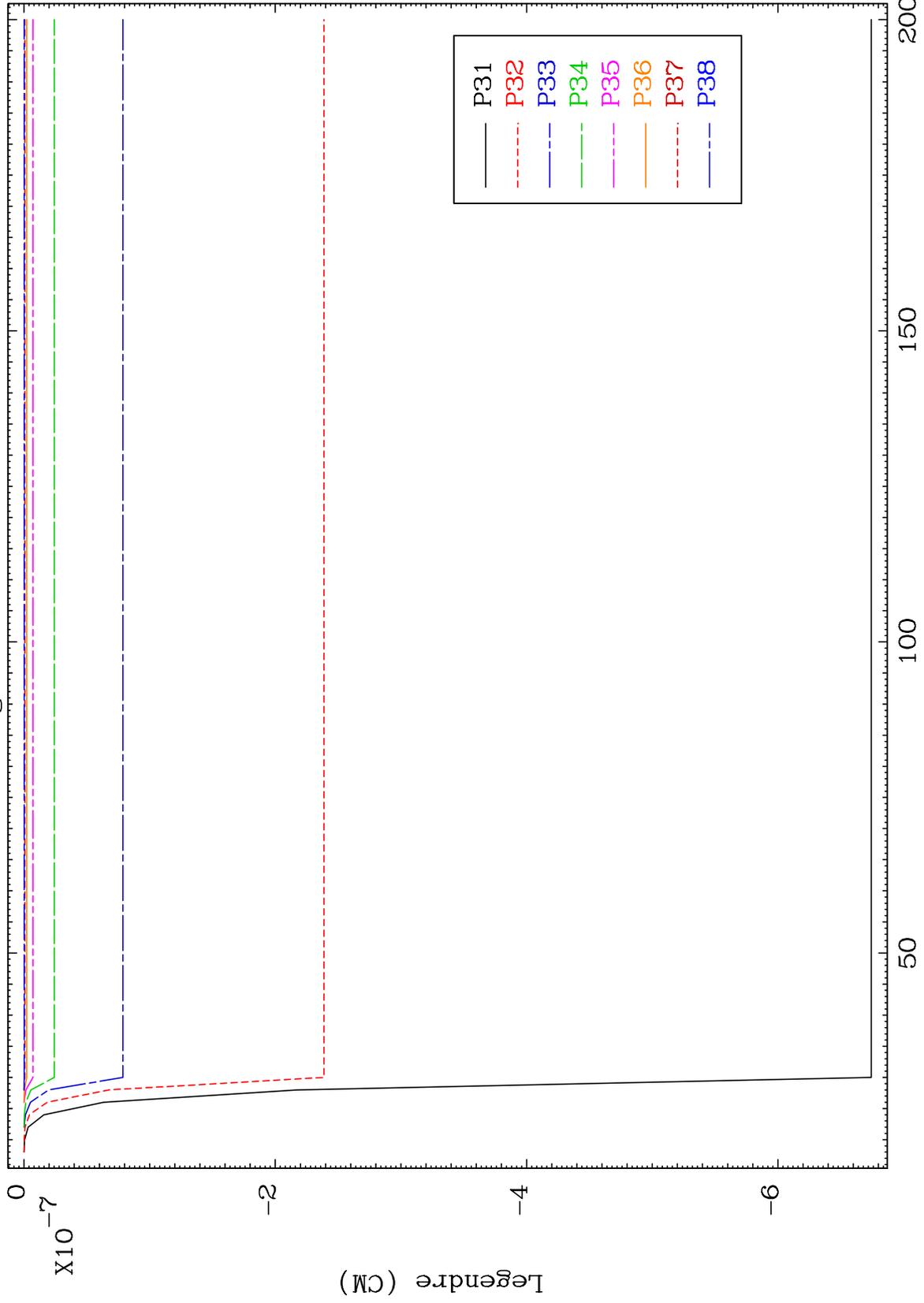
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



84

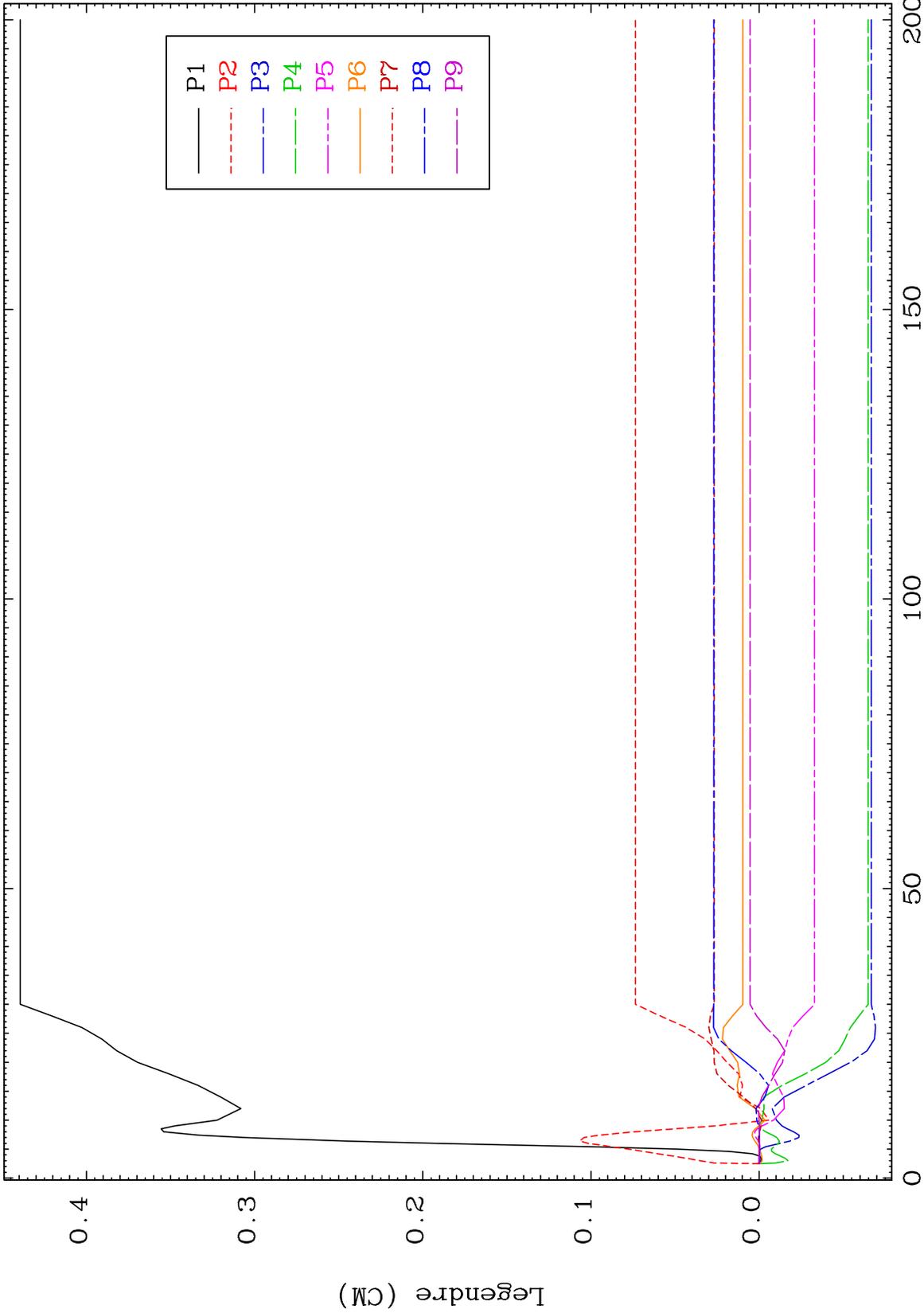
86-Rn-208

86-Rn-208

MAT 8616

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

86-Rn-208



85

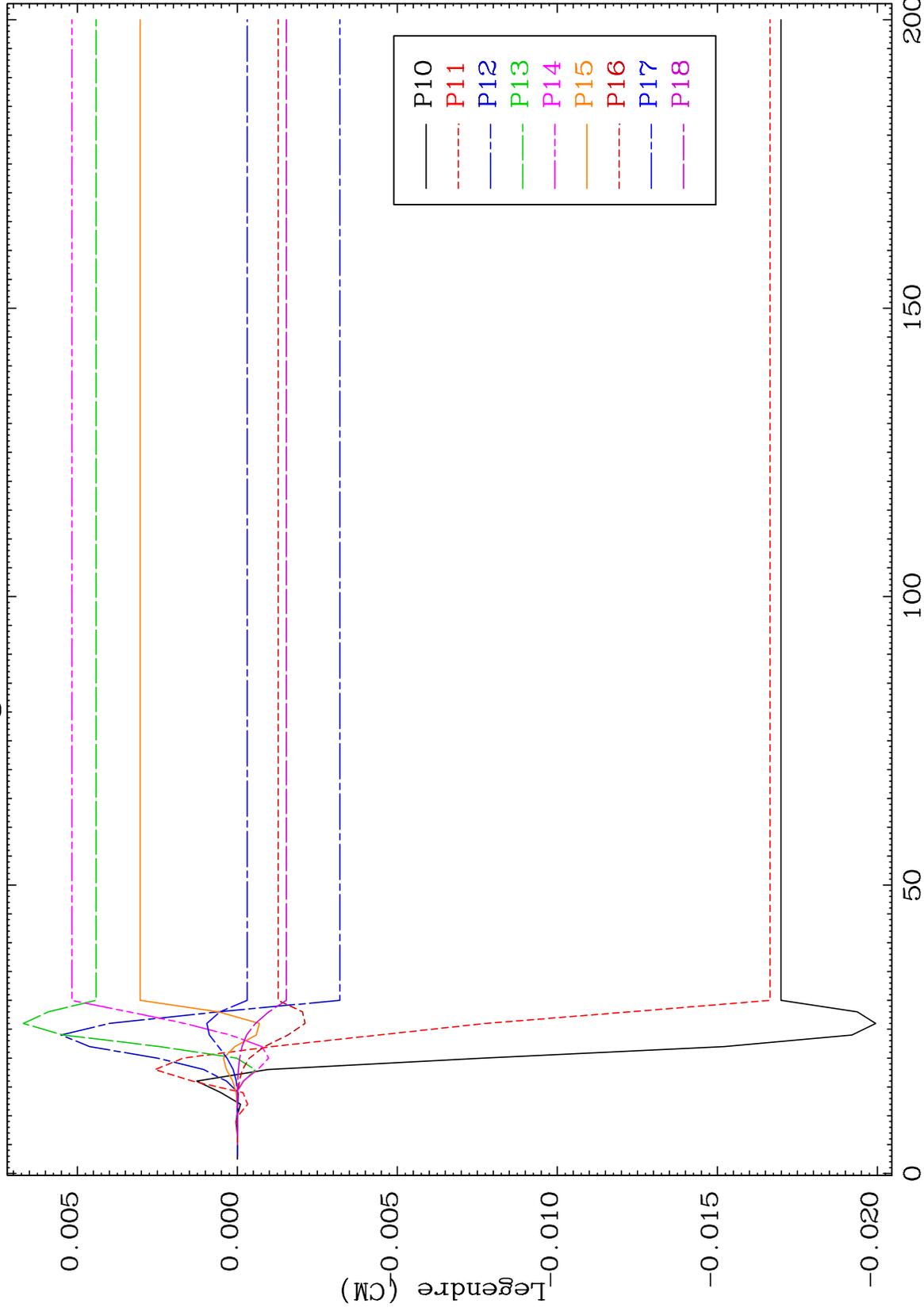
86-Rn-208

86-Rn-208

MAT 8616

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

86-Rn-208



86

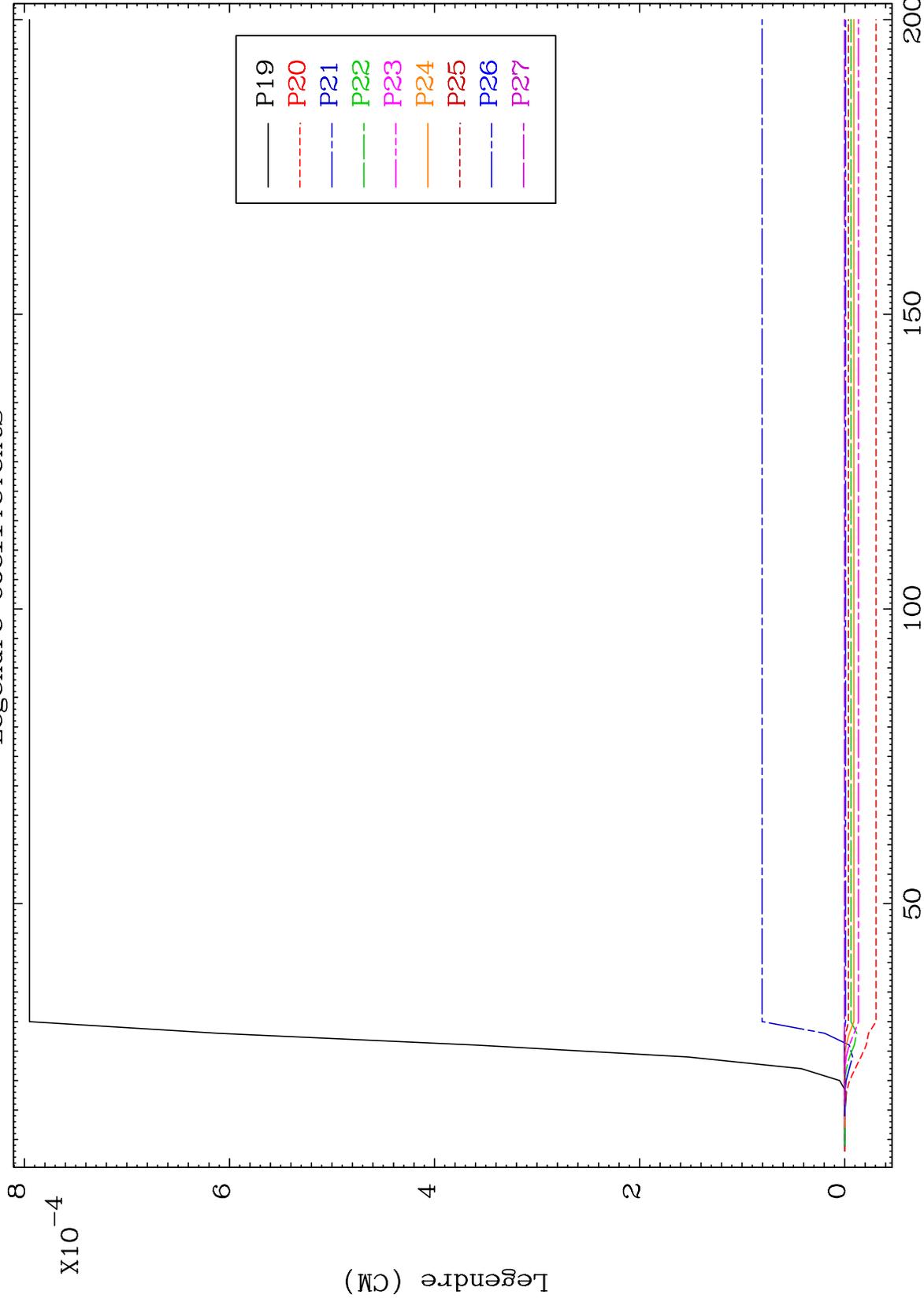
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



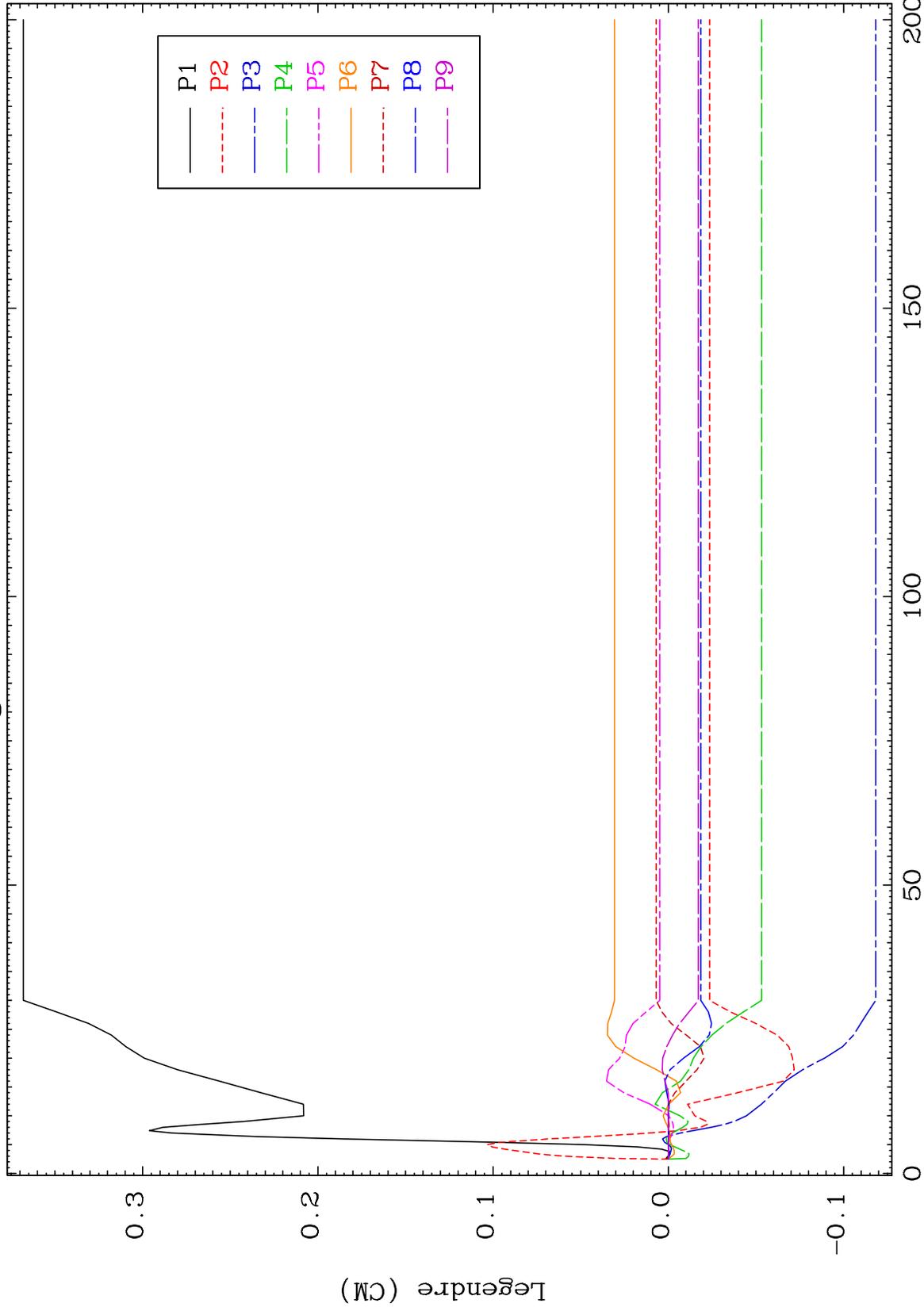
87

86-Rn-208

MAT 8616

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

86-Rn-208



89

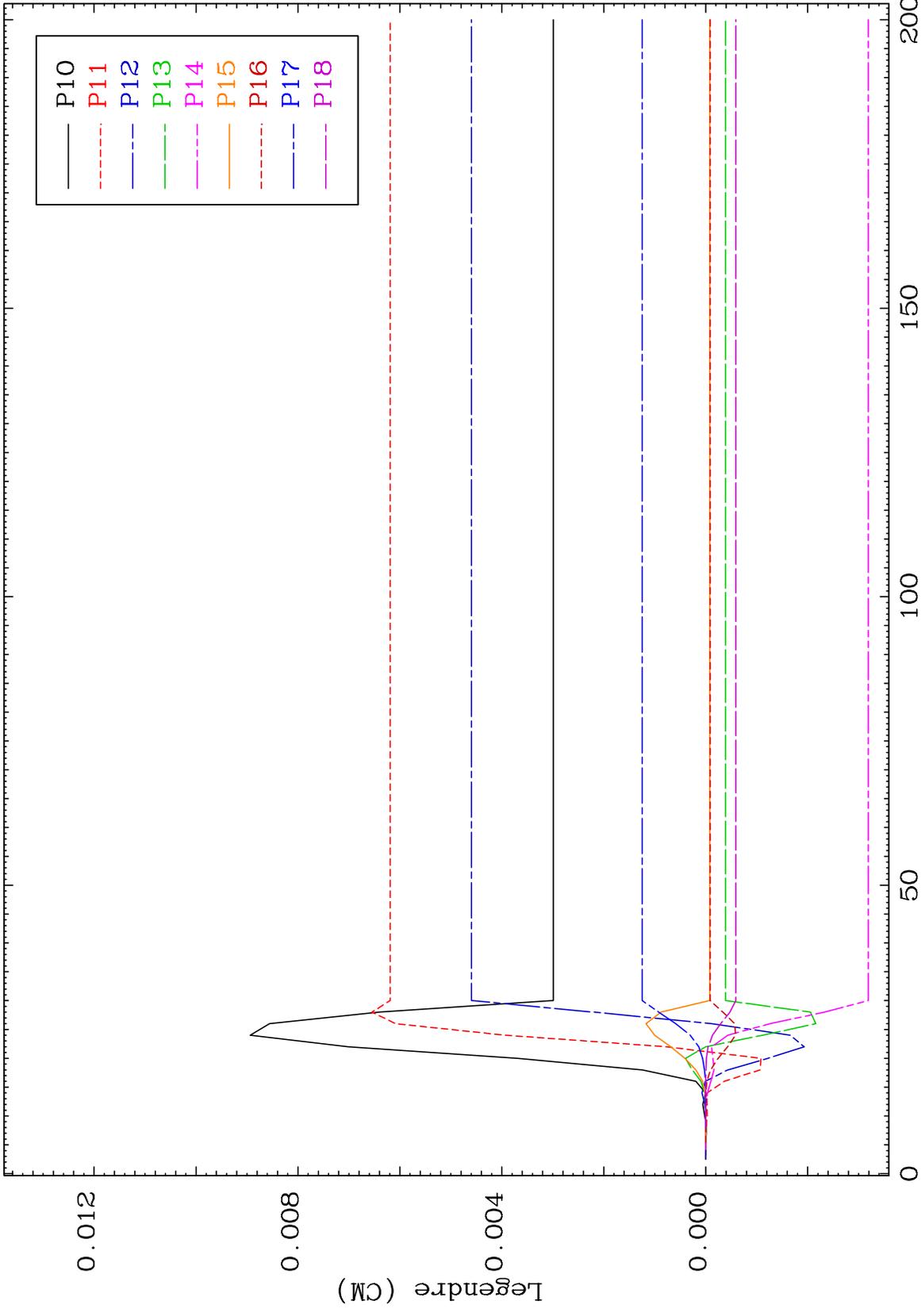
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



90

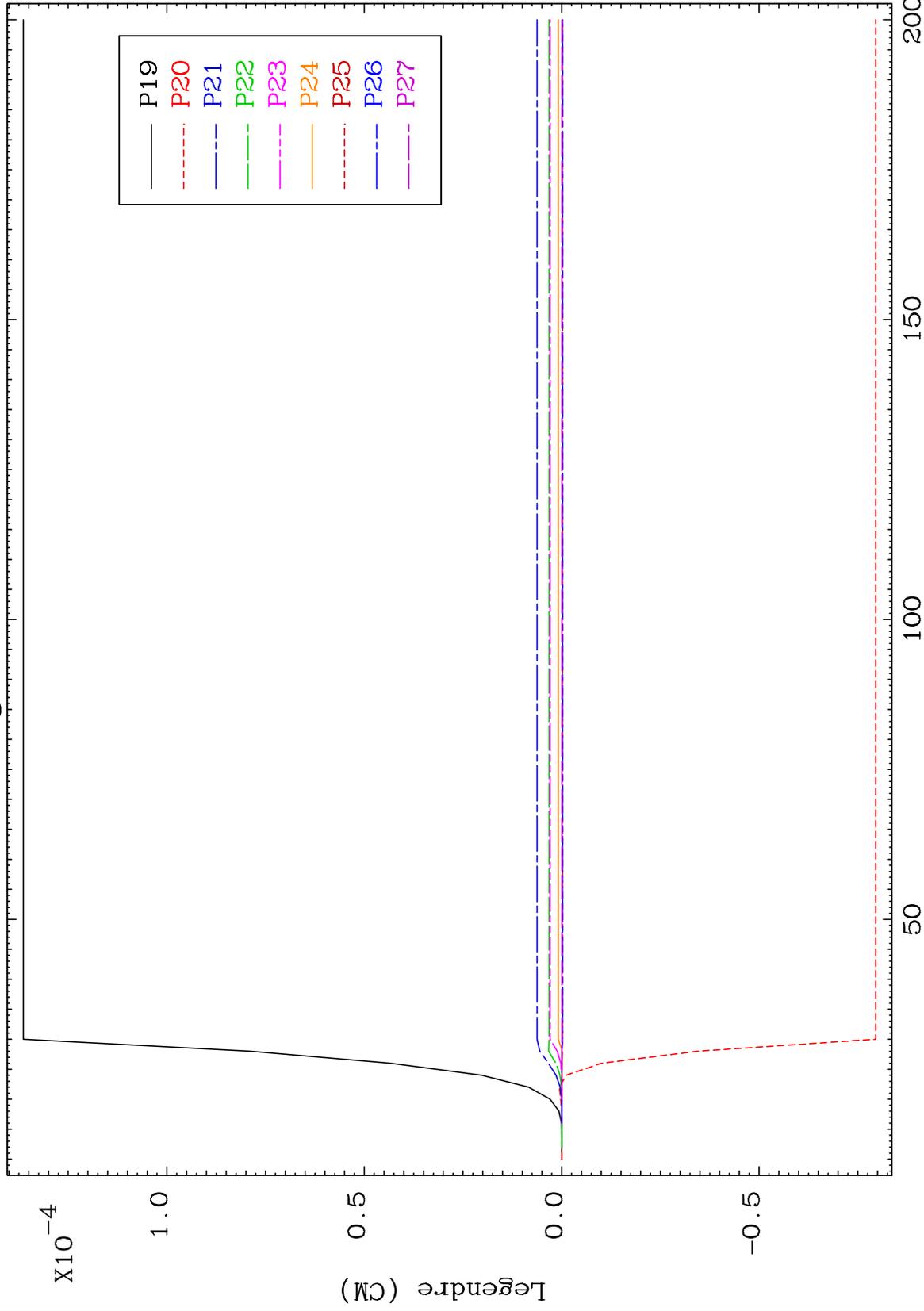
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

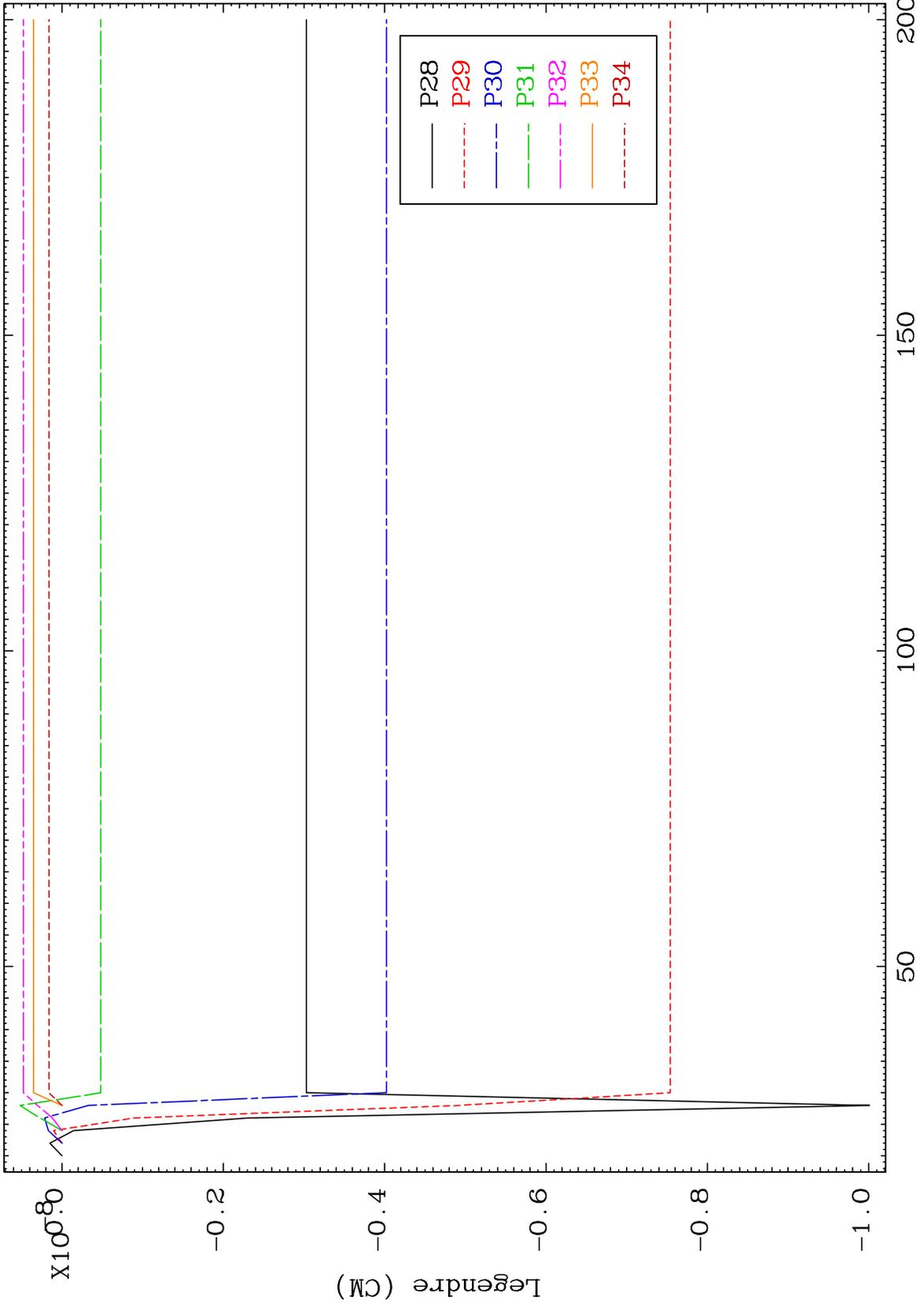
86-Rn-208



91

86-Rn-208

MAT 8616 MT= 69 (n,n') Level Legendre Coefficients 86-Rn-208

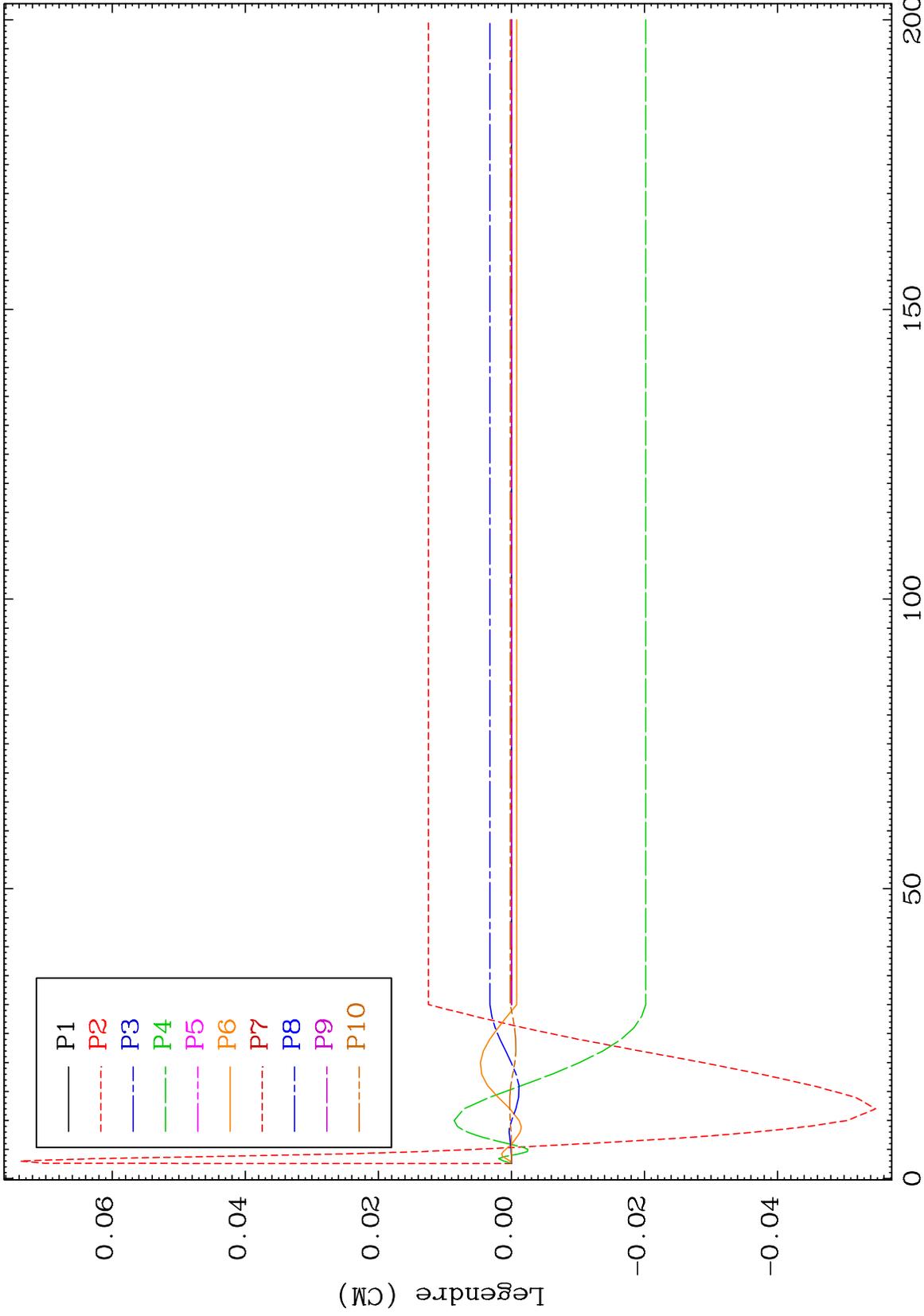


92 86-Rn-208

MAT 8616

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

86-Rn-208



93

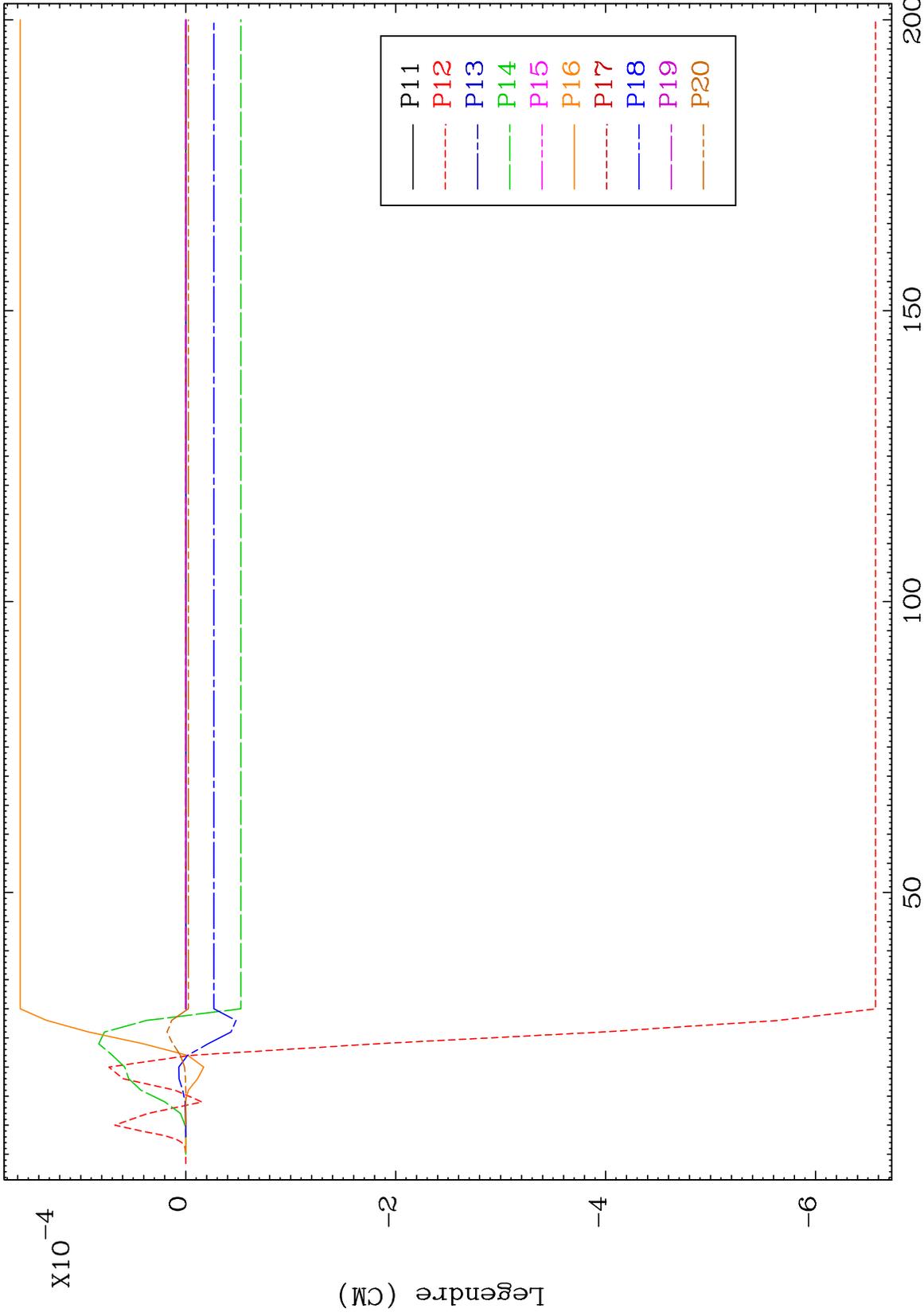
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208

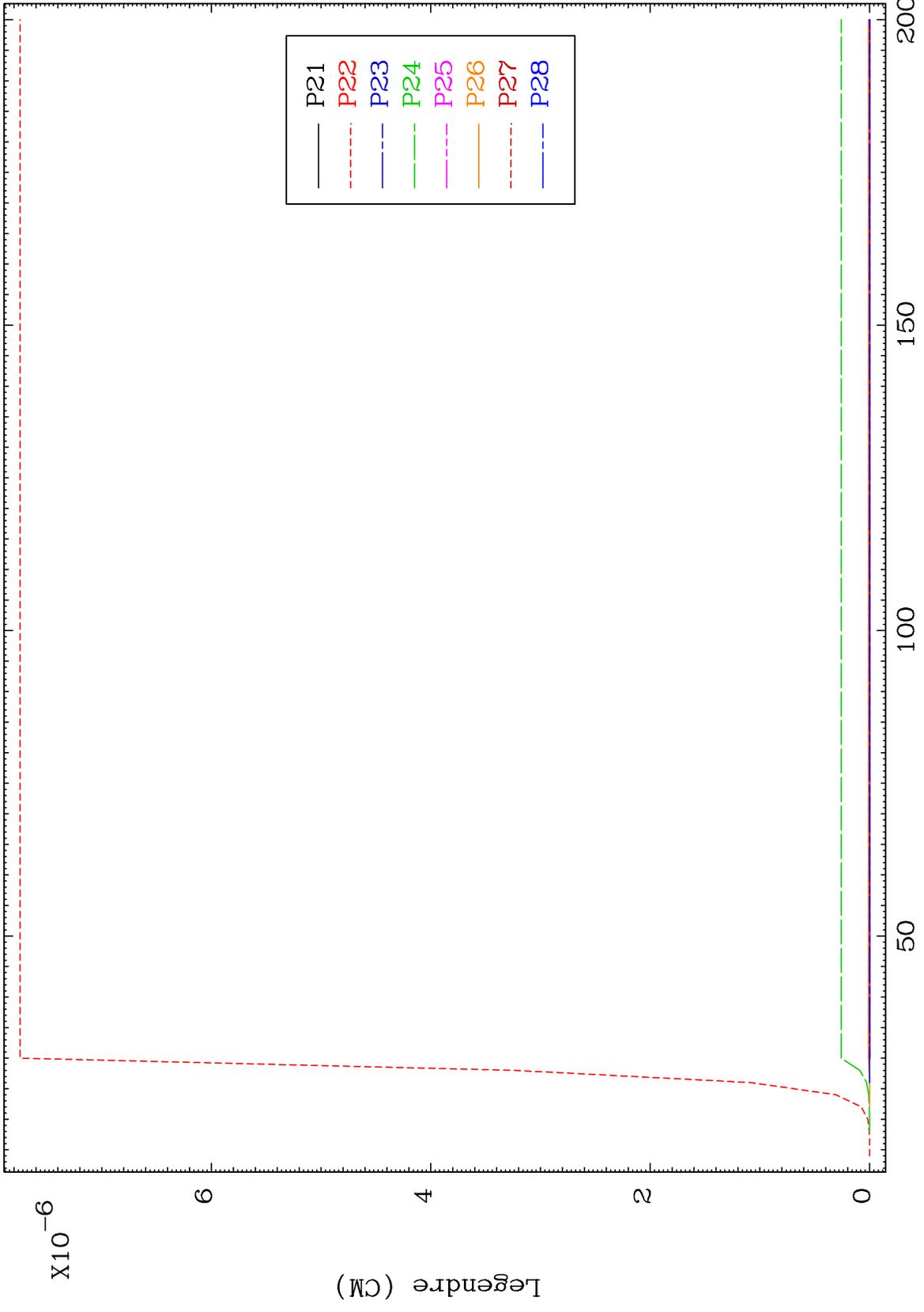


94

Incident Energy (MeV)

86-Rn-208

MAT 8616 MT= 70 (n,n') Level Legendre Coefficients 86-Rn-208

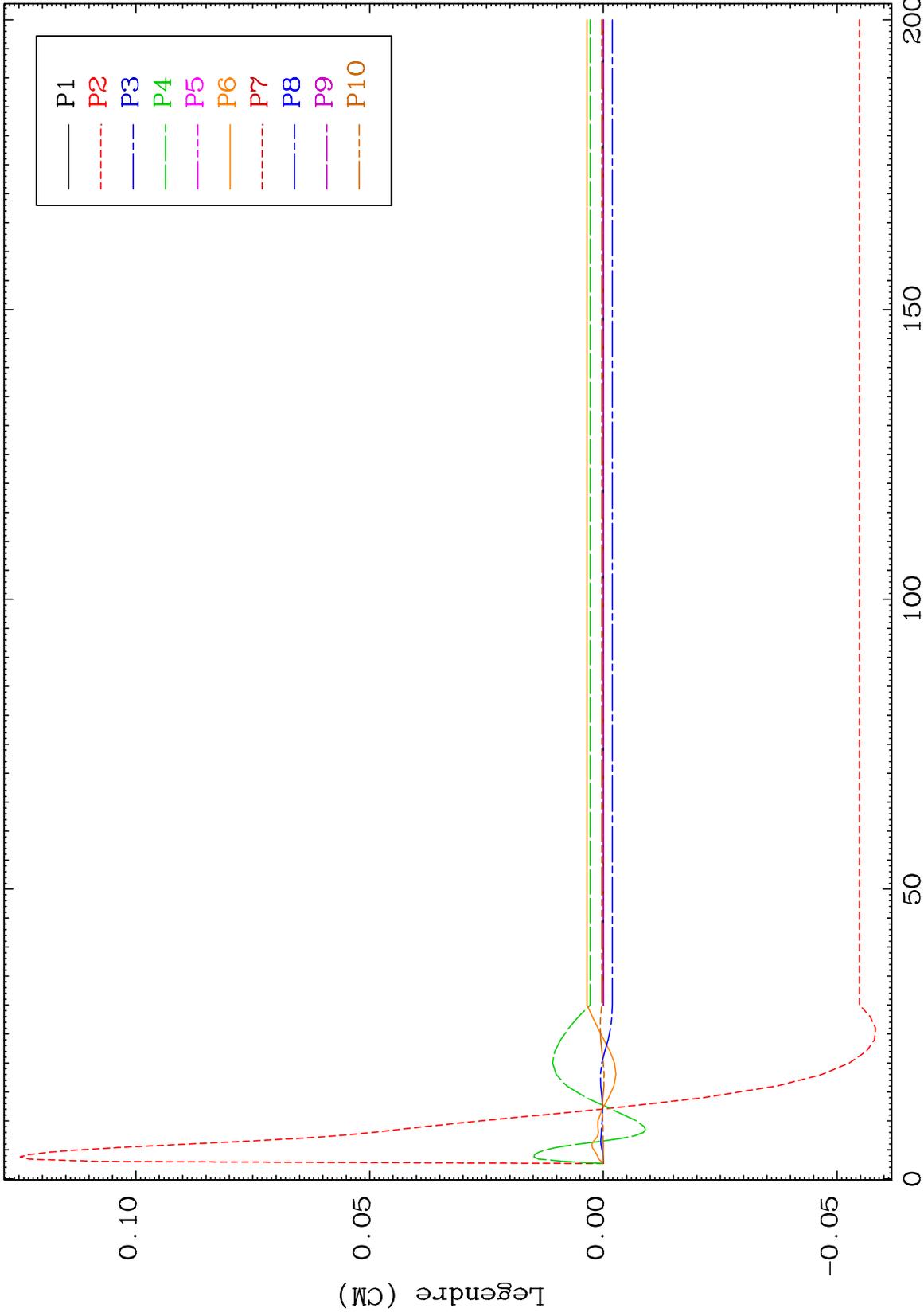


95 Incident Energy (MeV) 86-Rn-208

MAT 8616

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

86-Rn-208



96

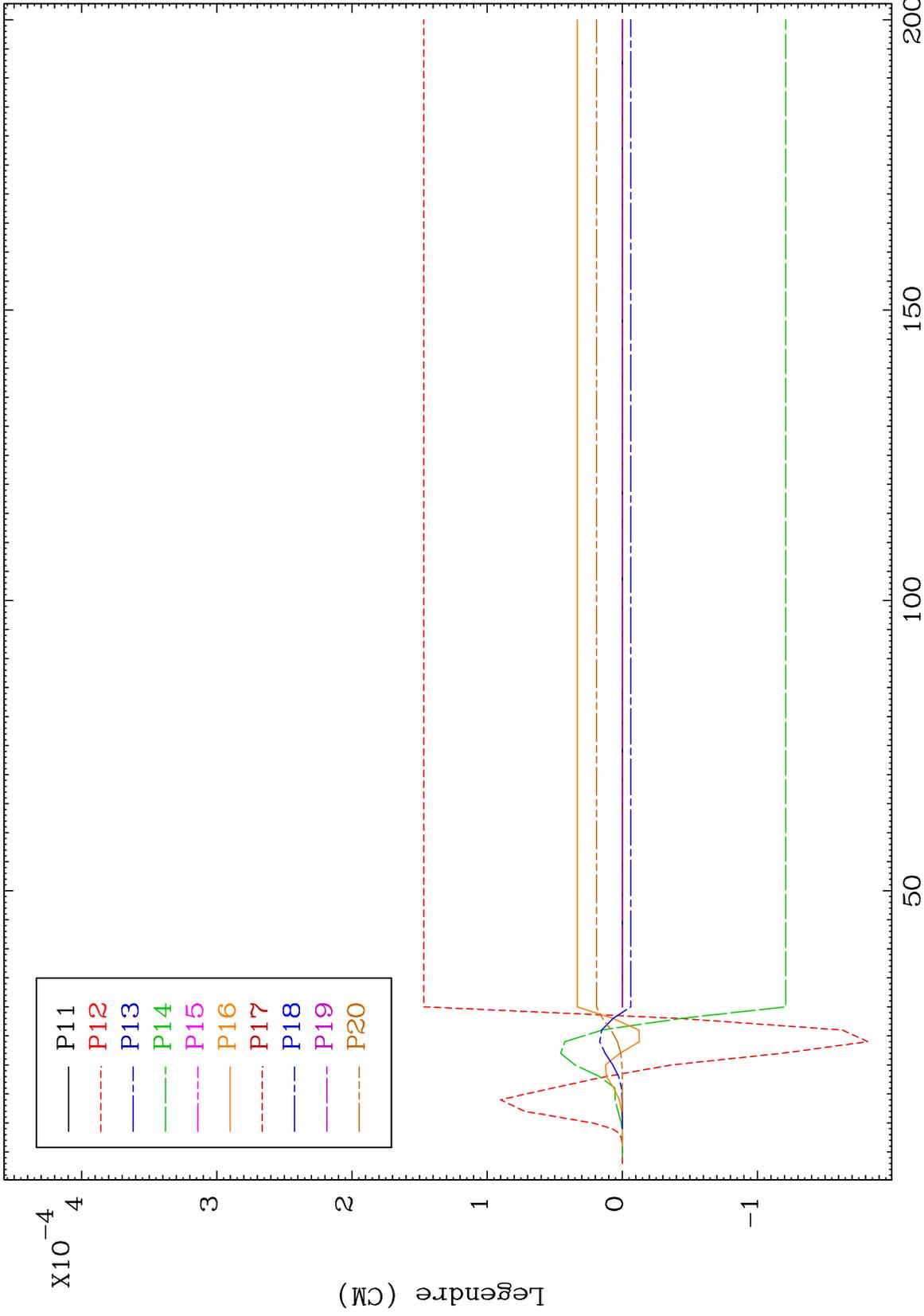
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

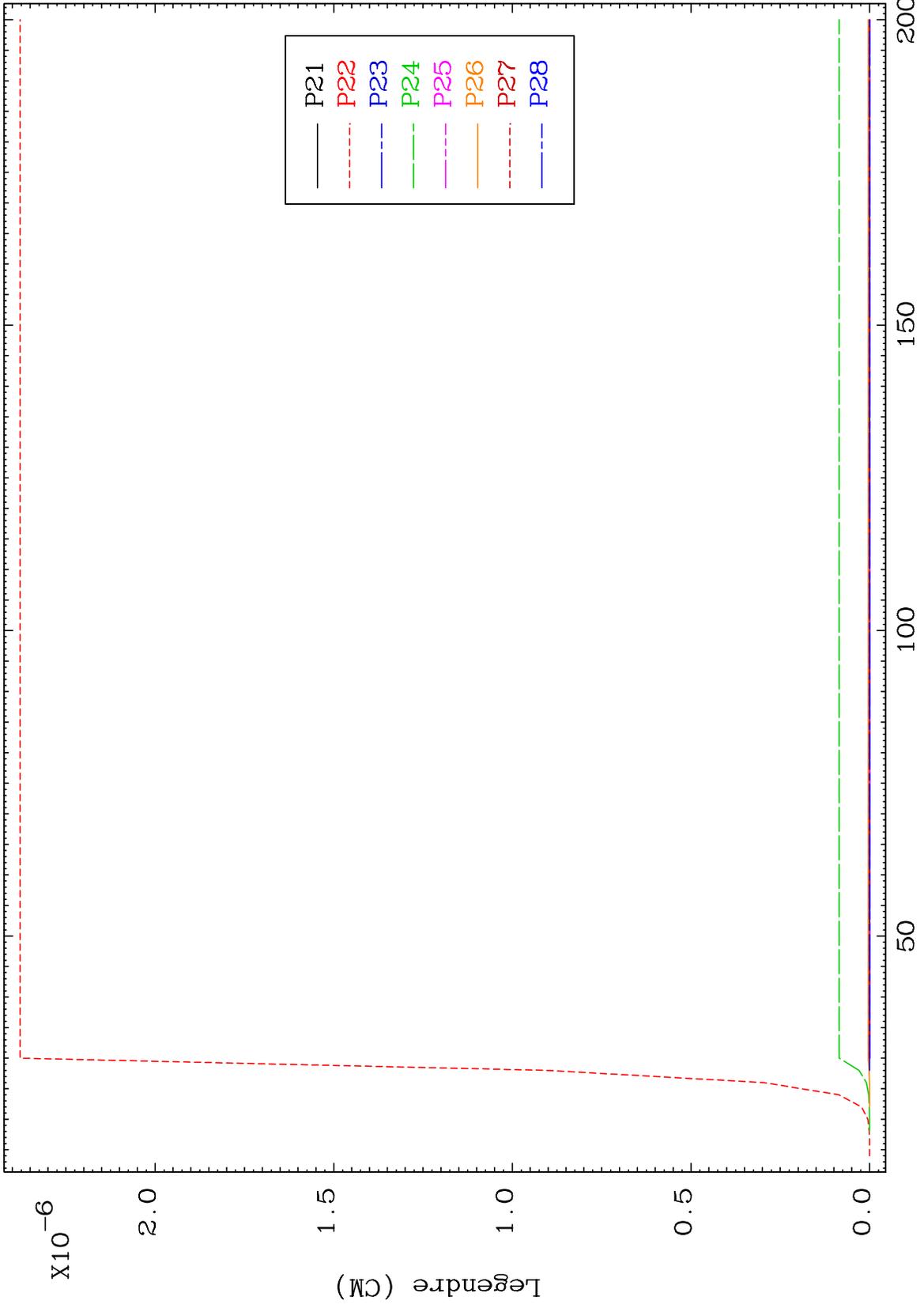
86-Rn-208



97

86-Rn-208

MAT 8616 MT= 71 (n,n') Level Legendre Coefficients 86-Rn-208

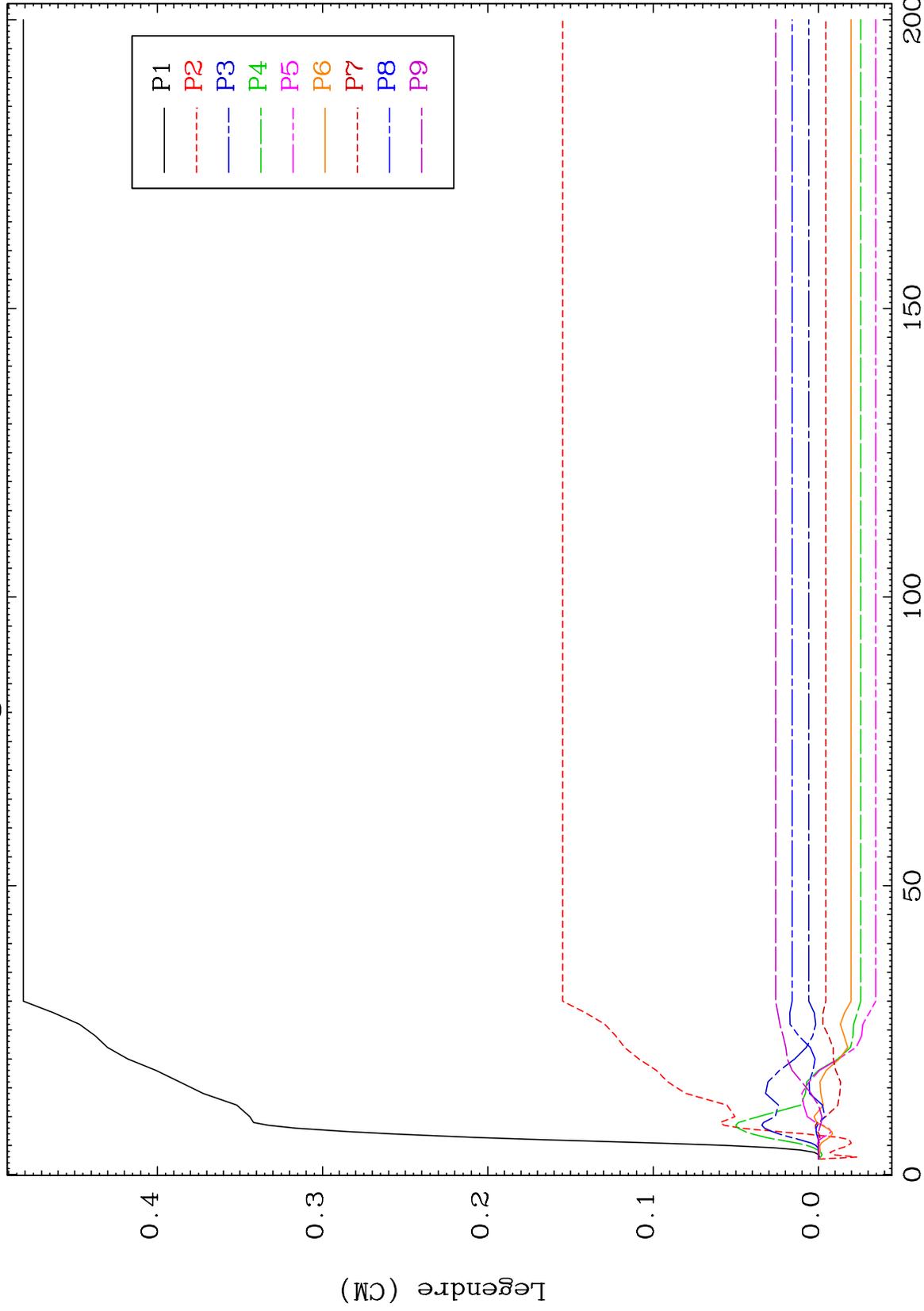


98 86-Rn-208

MAT 8616

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

86-Rn-208



99

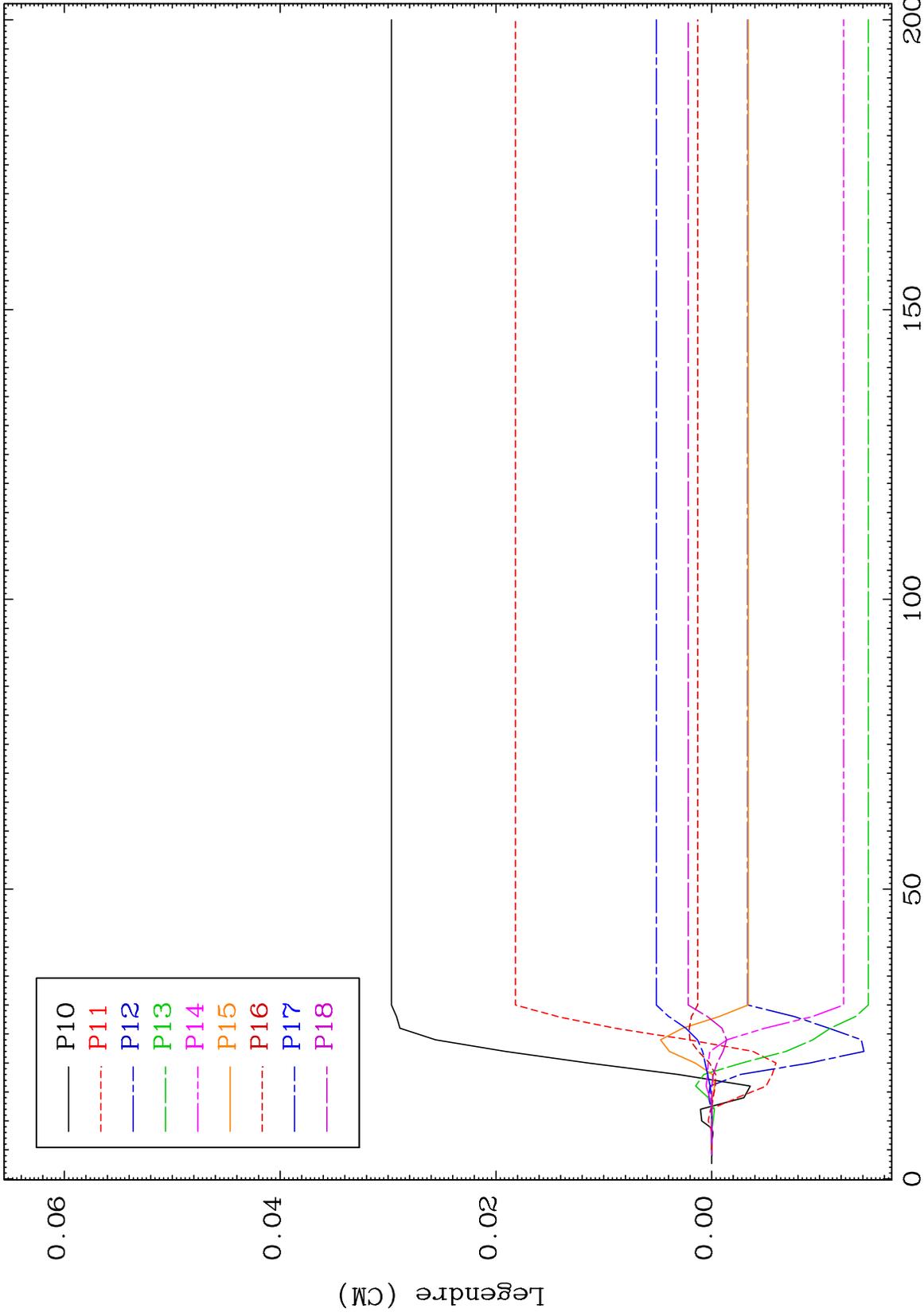
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



100

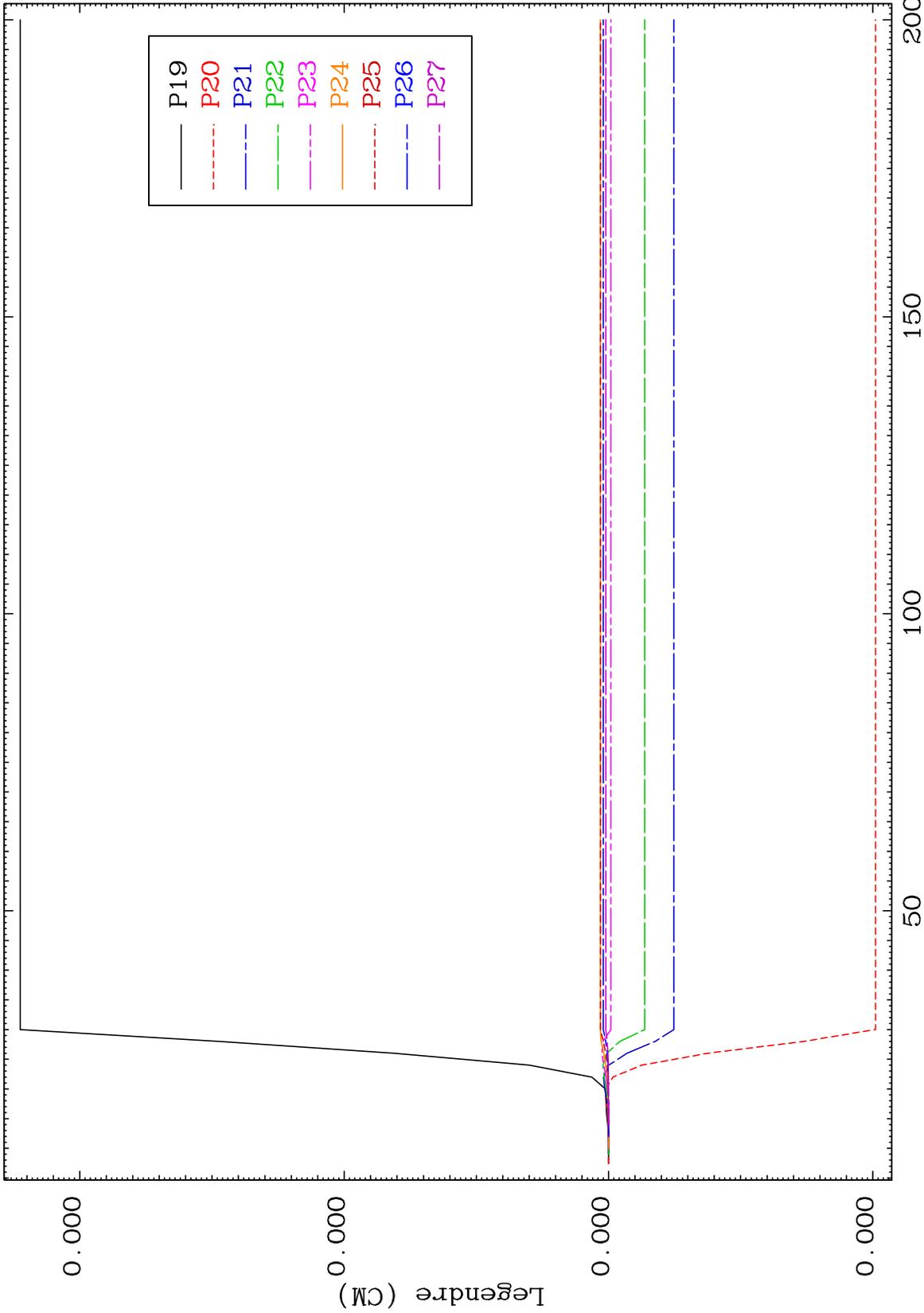
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



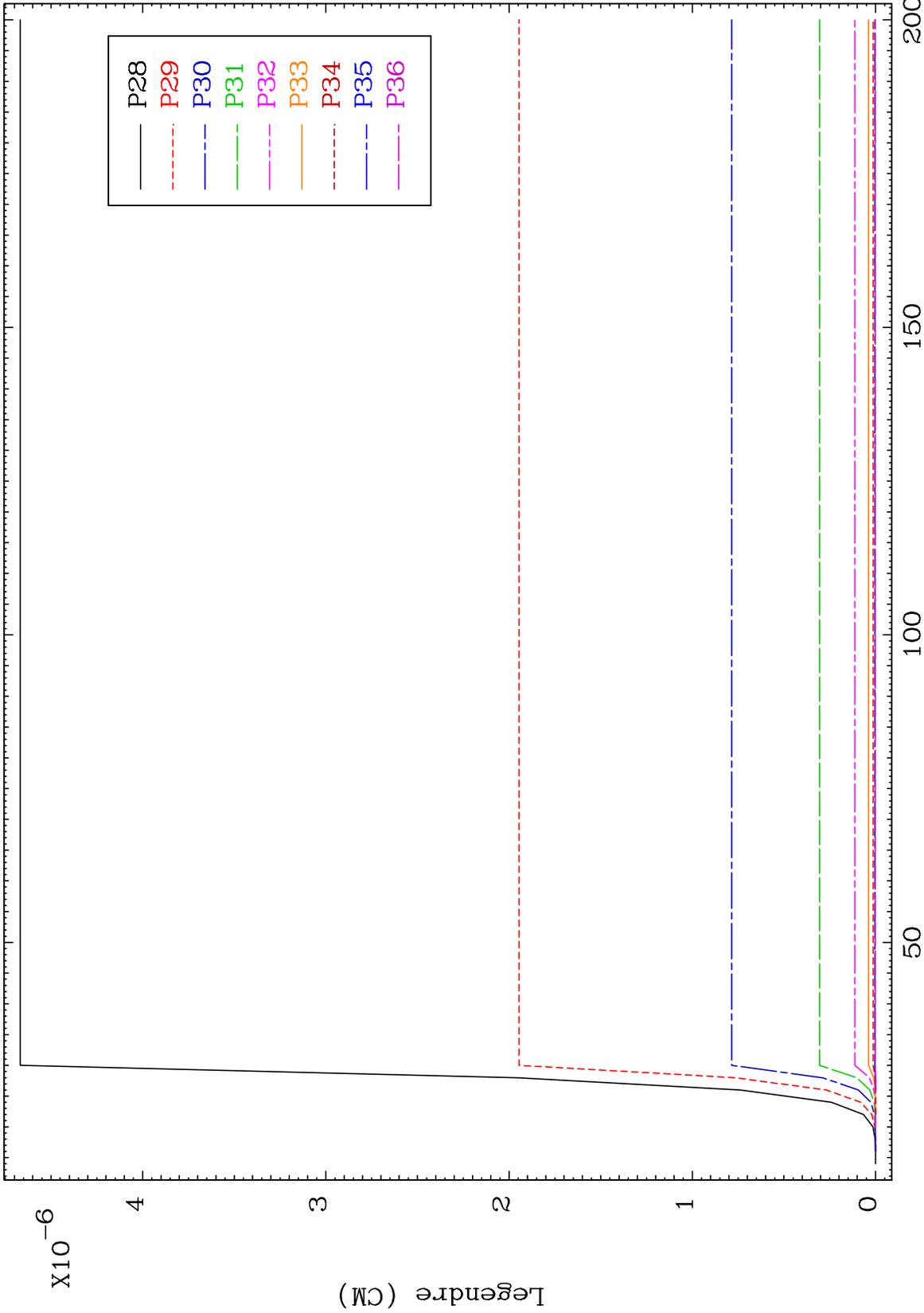
101

86-Rn-208

MAT 8616

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

86-Rn-208



102

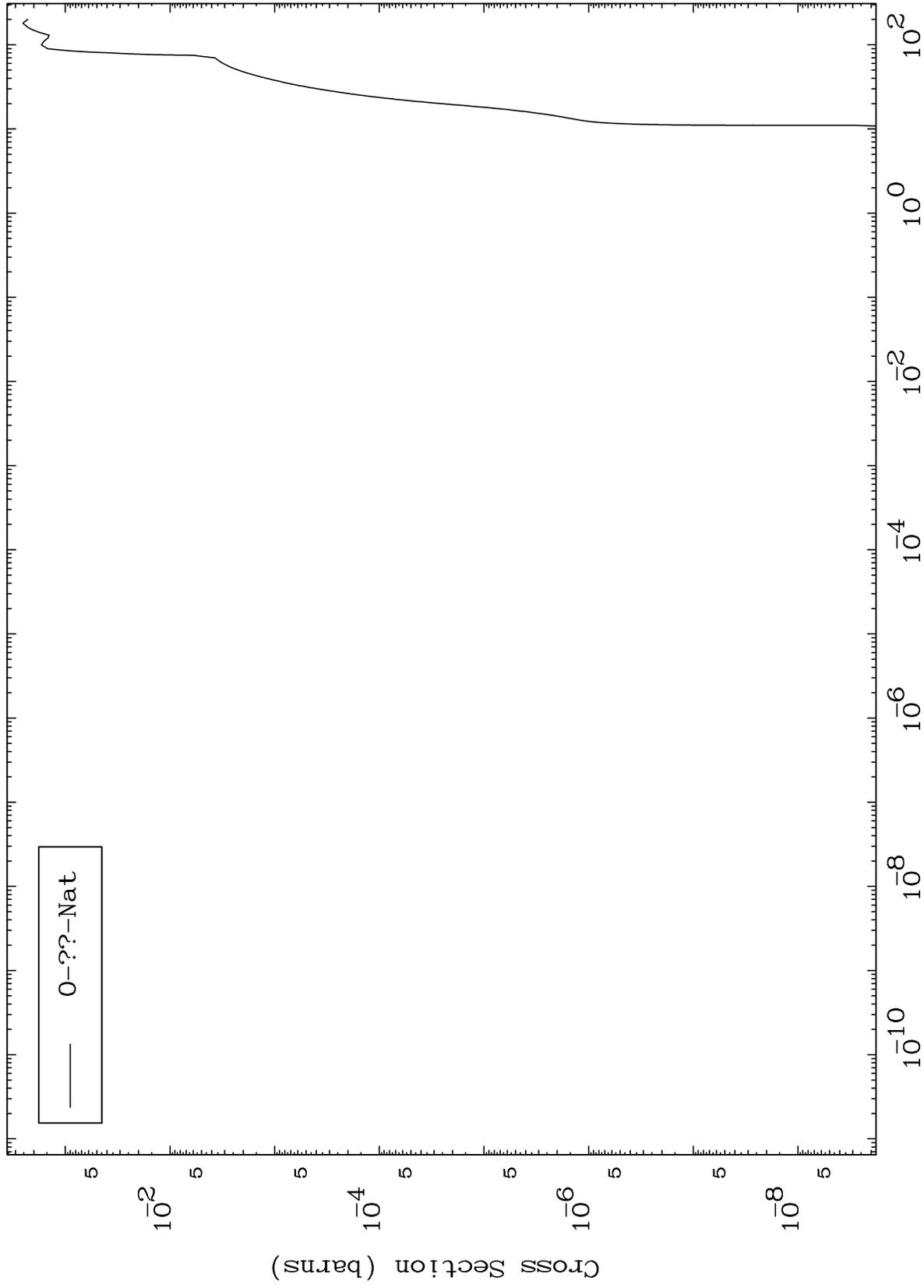
Incident Energy (MeV)

86-Rn-208

MAT 8616

Fission
Radionuclide Production Cross Section

86-Rn-208



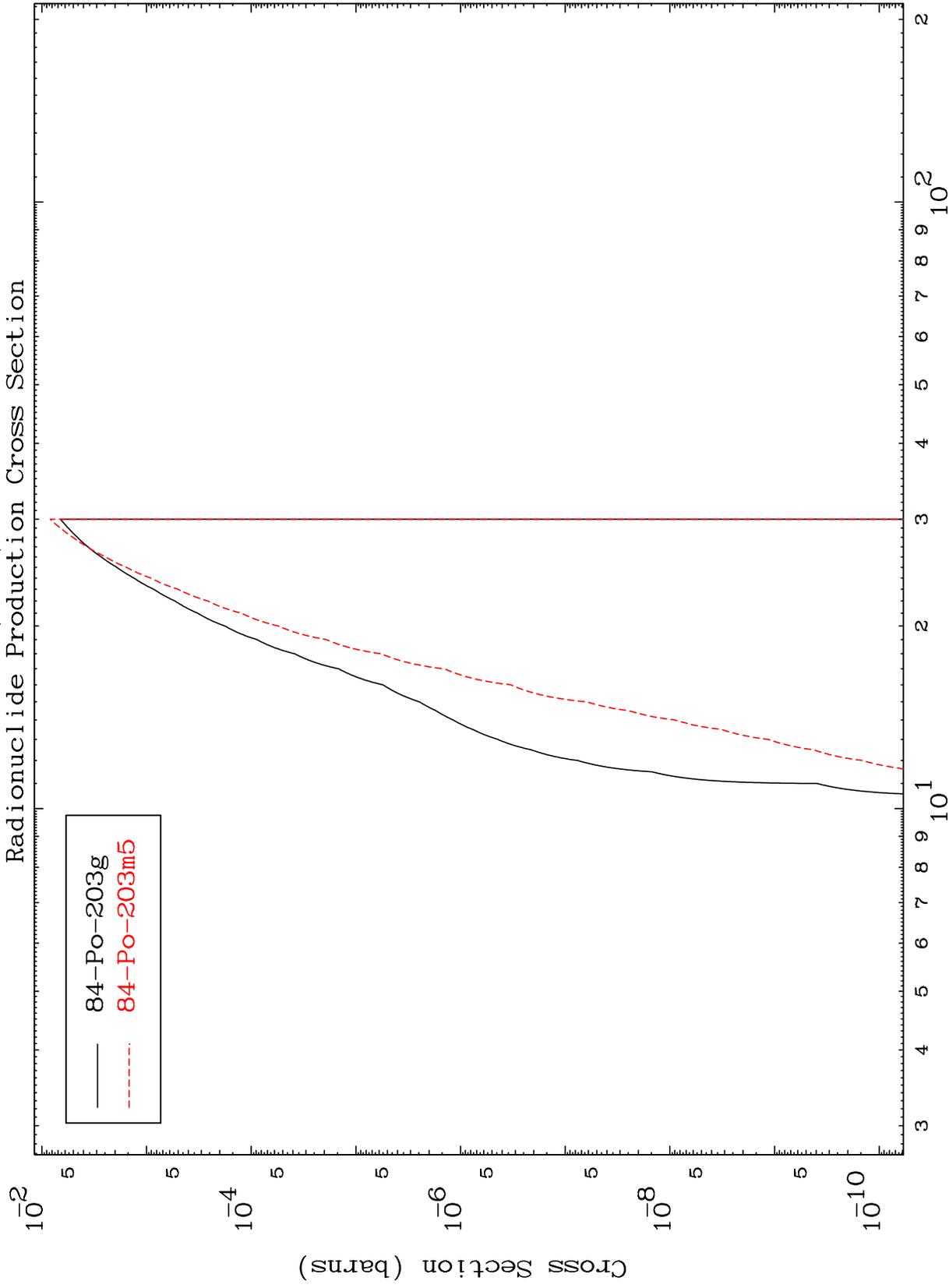
103

86-Rn-208

MAT 8616

(n,2n) α

86-Rn-208



104

Incident Energy (MeV)

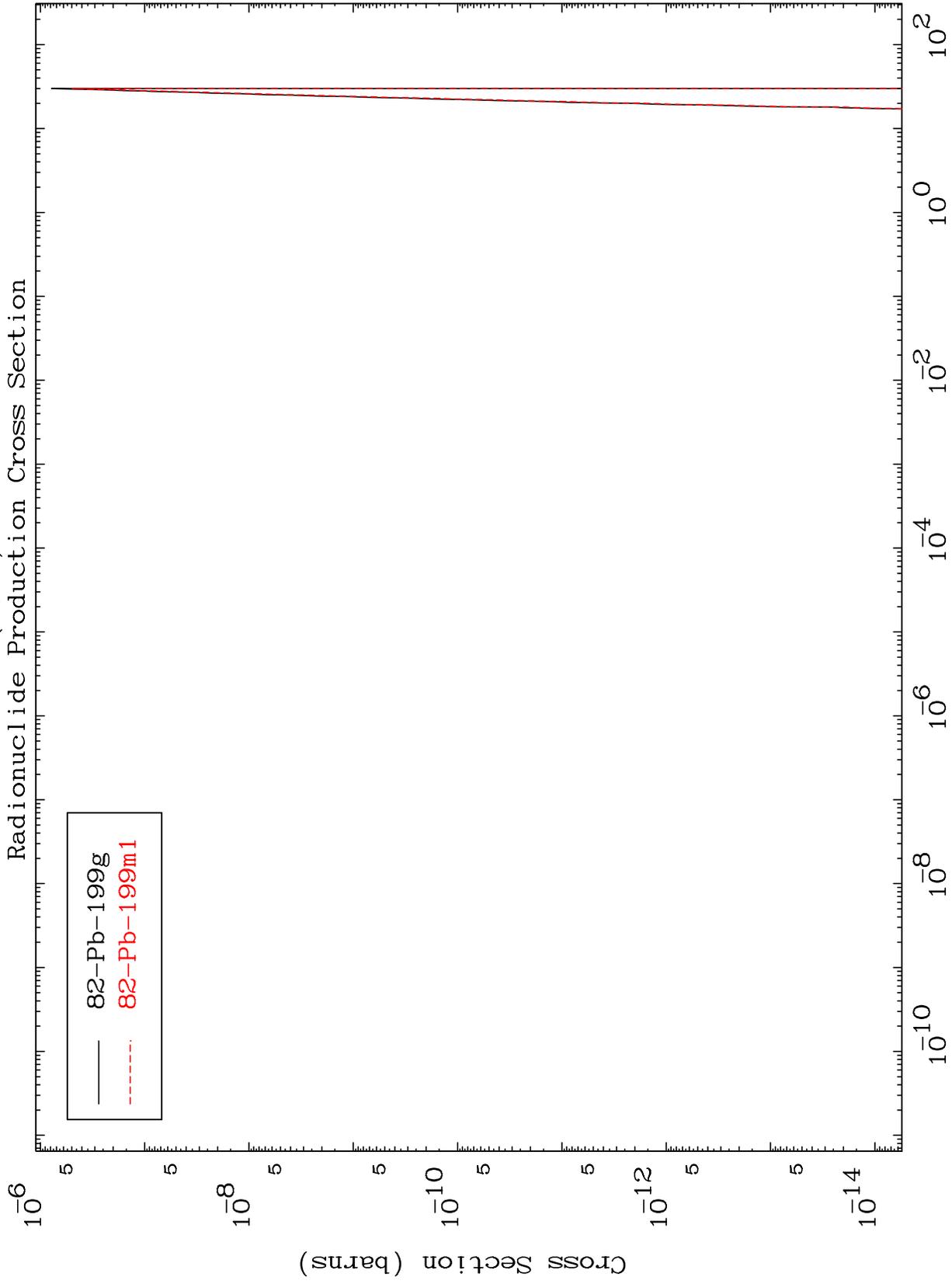
86-Rn-208

MAT 8616

(n,2n) 2 α

86-Rn-208

Radionuclide Production Cross Section



105

Incident Energy (MeV)

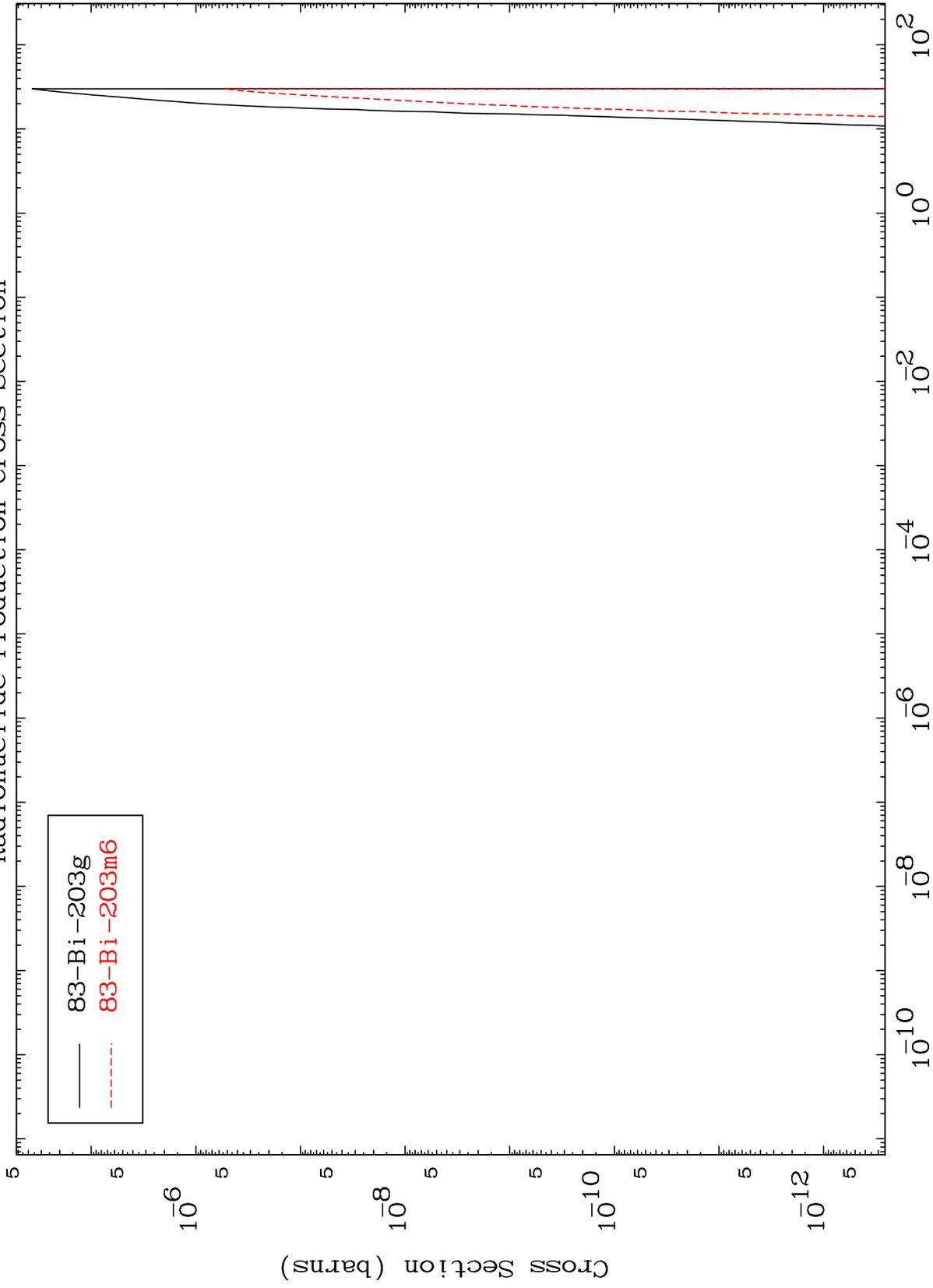
86-Rn-208

MAT 8616

(n,n') p α

86-Rn-208

Radionuclide Production Cross Section



106

Incident Energy (MeV)

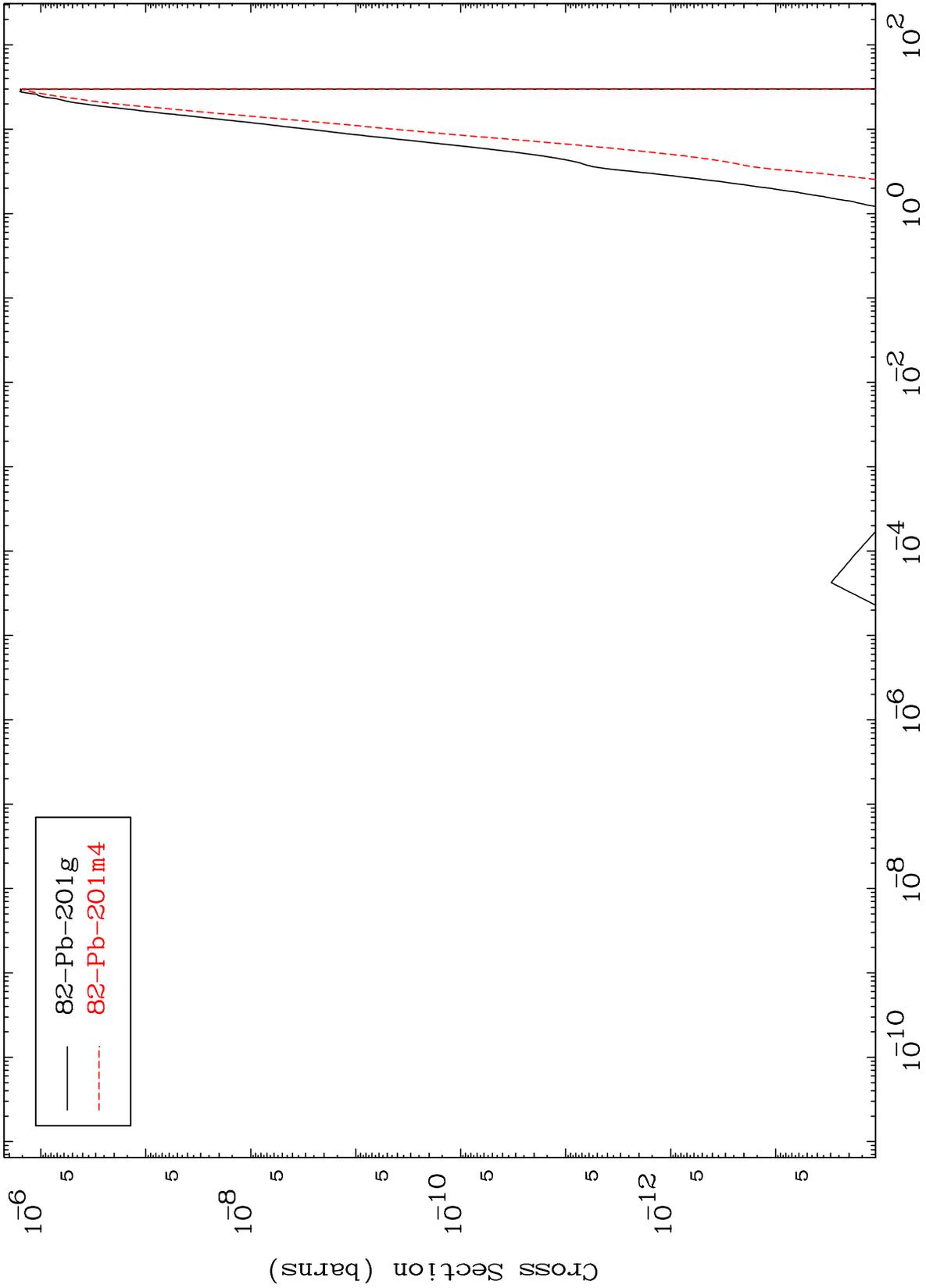
86-Rn-208

MAT 8616

(n,2α)

86-Rn-208

Radionuclide Production Cross Section



107

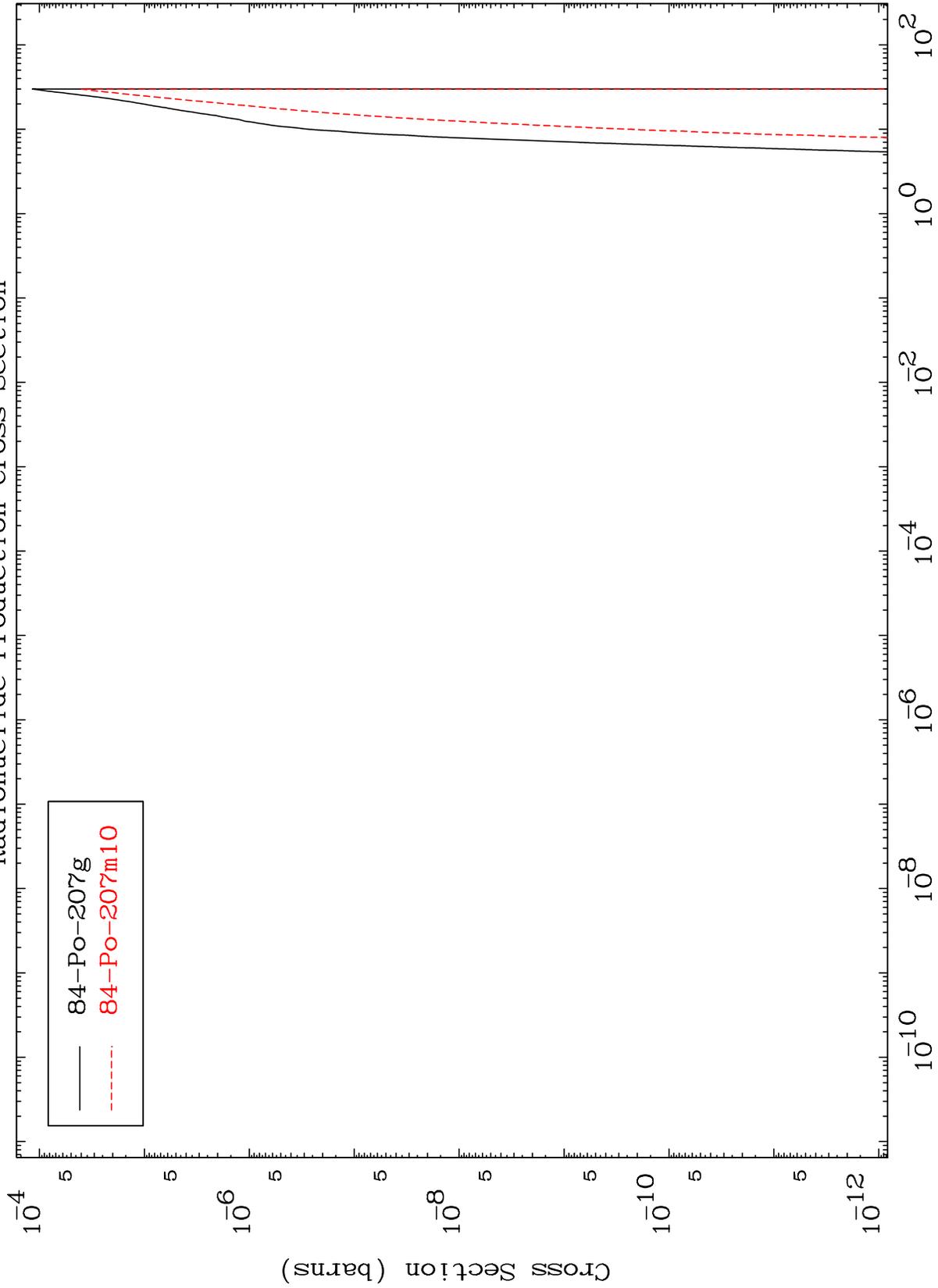
86-Rn-208

MAT 8616

(n,2p)

86-Rn-208

Radionuclide Production Cross Section



84-Po-207g
84-Po-207m10

108

Incident Energy (MeV)

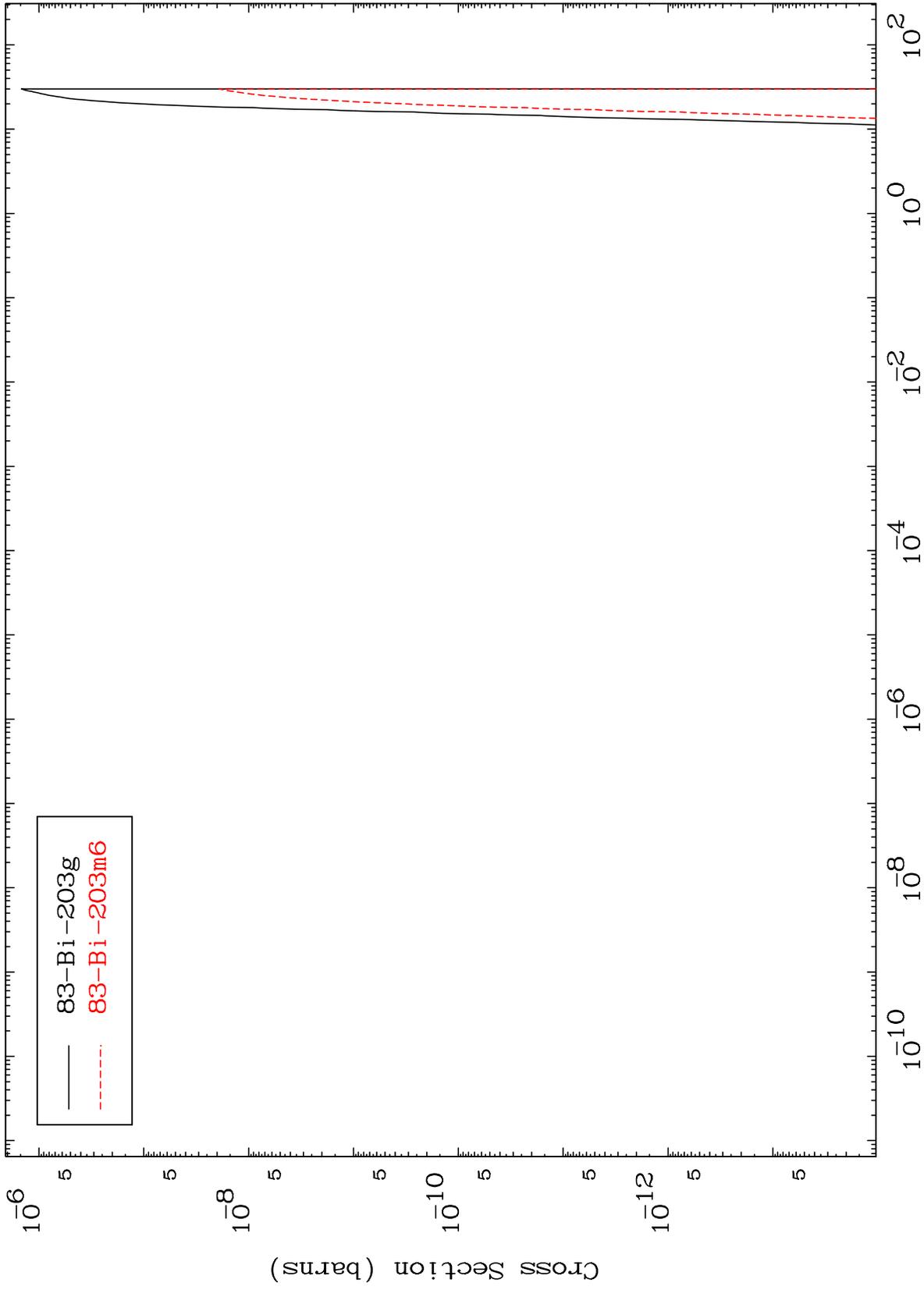
86-Rn-208

MAT 8616

(n,d) α

86-Rn-208

Radionuclide Production Cross Section



109

Incident Energy (MeV)

86-Rn-208