

Program EVALPLOT
(Version 2018-1)

by

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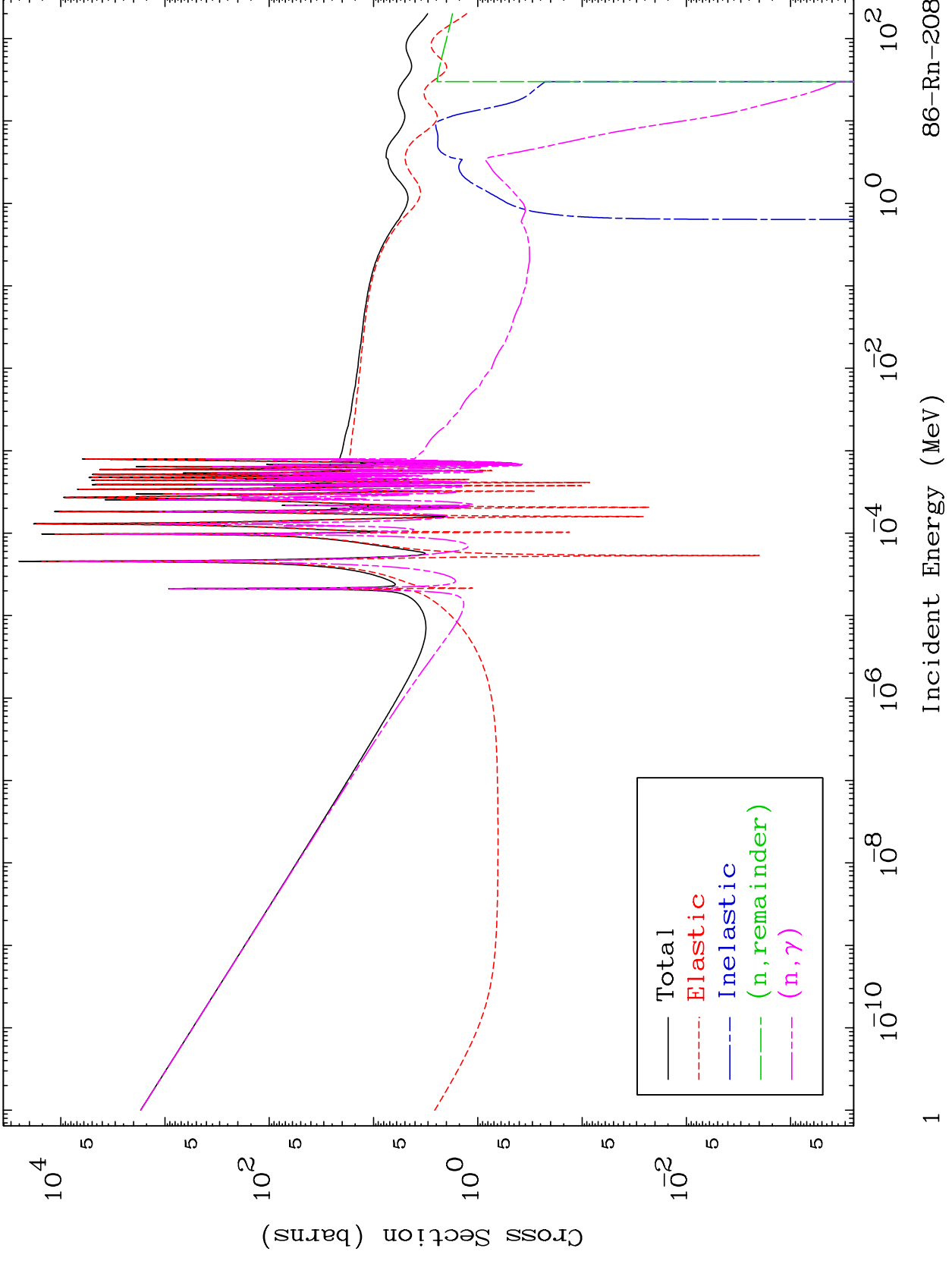
Press Mouse Button to Start

MAT 8616

Major

293 Kelvin Cross Sections

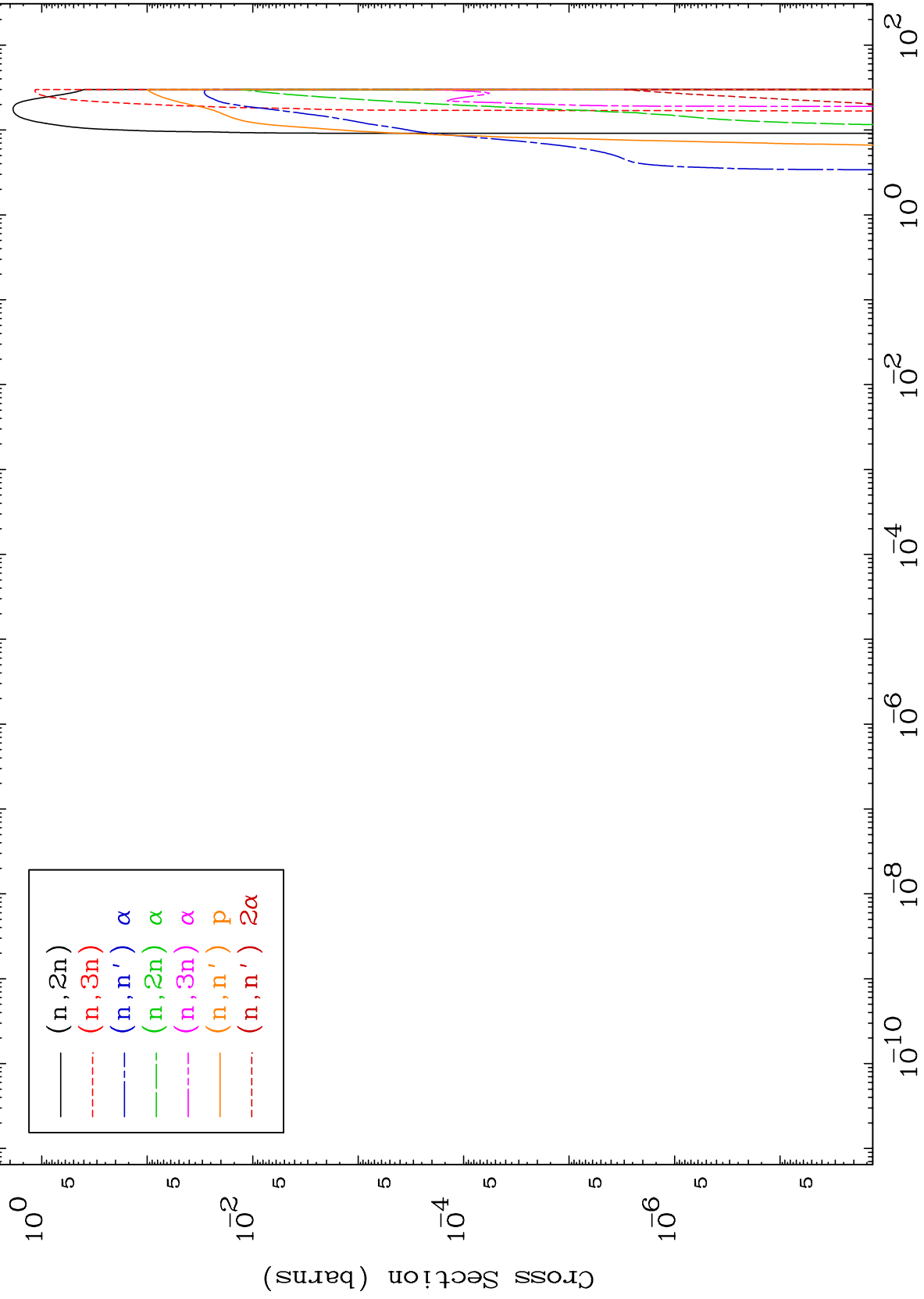
86-Rn-208



MAT 8616

Neutron Production
293 Kelvin Cross Sections

86-Rn-208



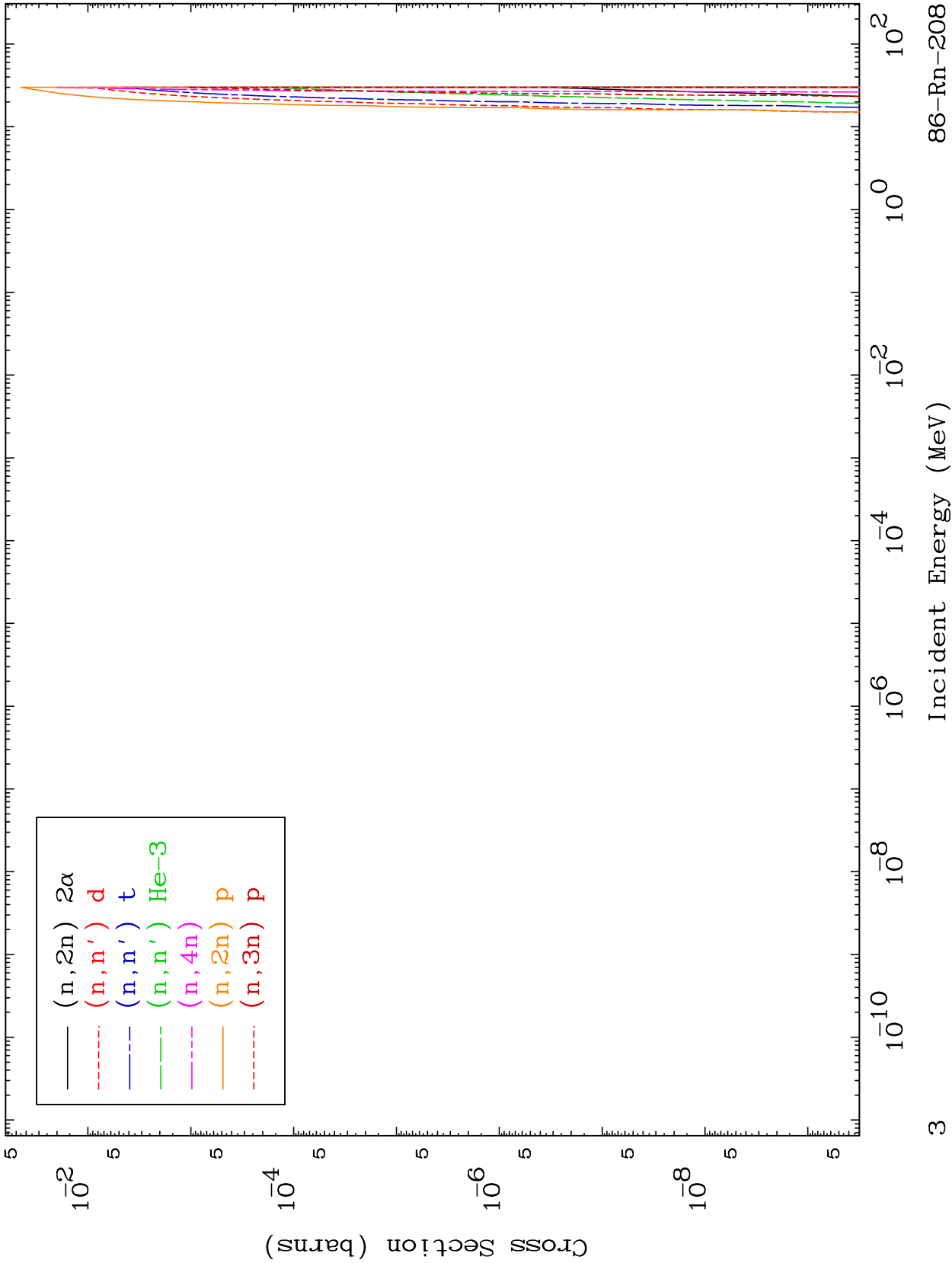
86-Rn-208

Incident Energy (MeV)

MAT 8616

Neutron Production
293 Kelvin Cross Sections

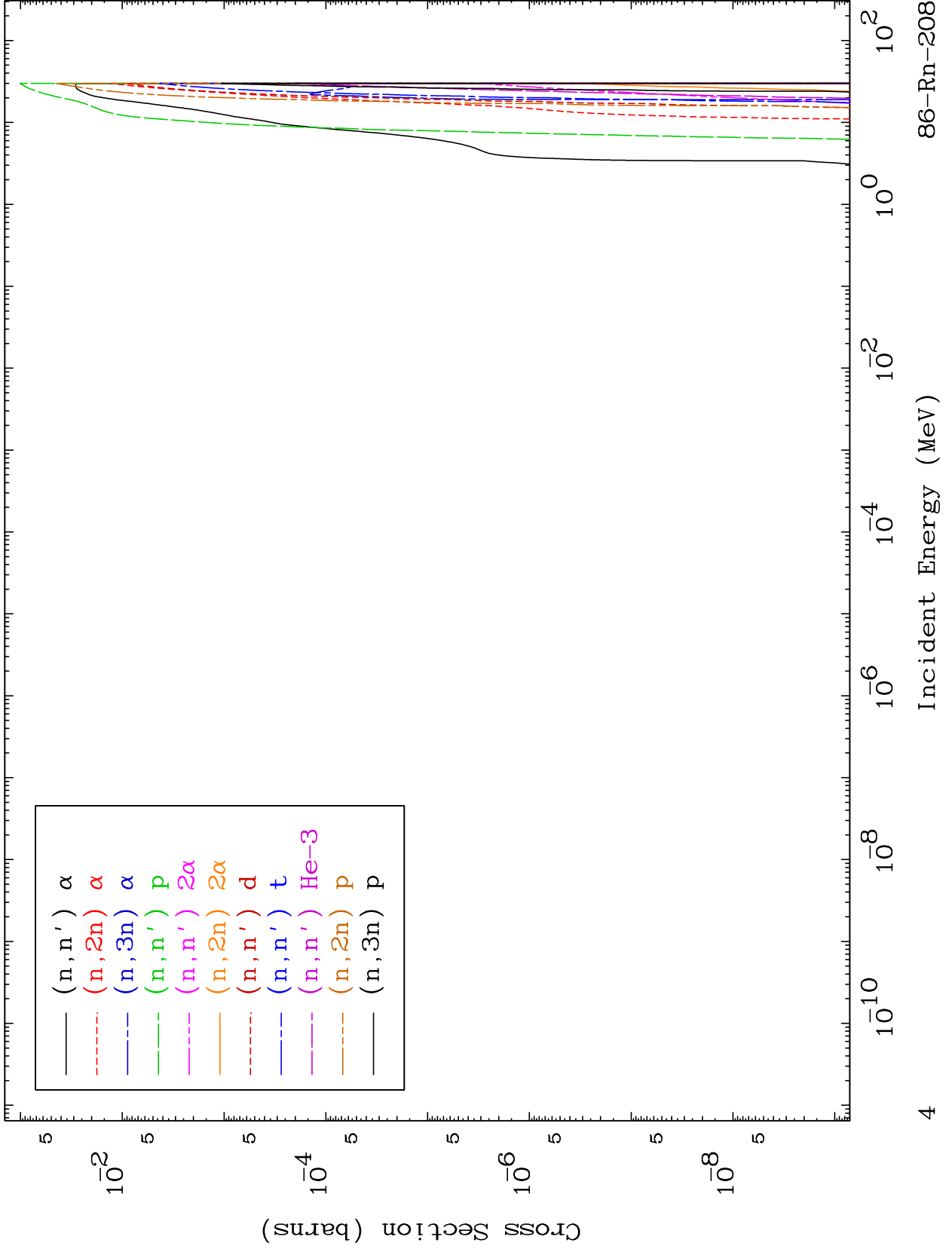
86-Rn-208



MAT 8616

Charged Particle
293 Kelvin Cross Sections

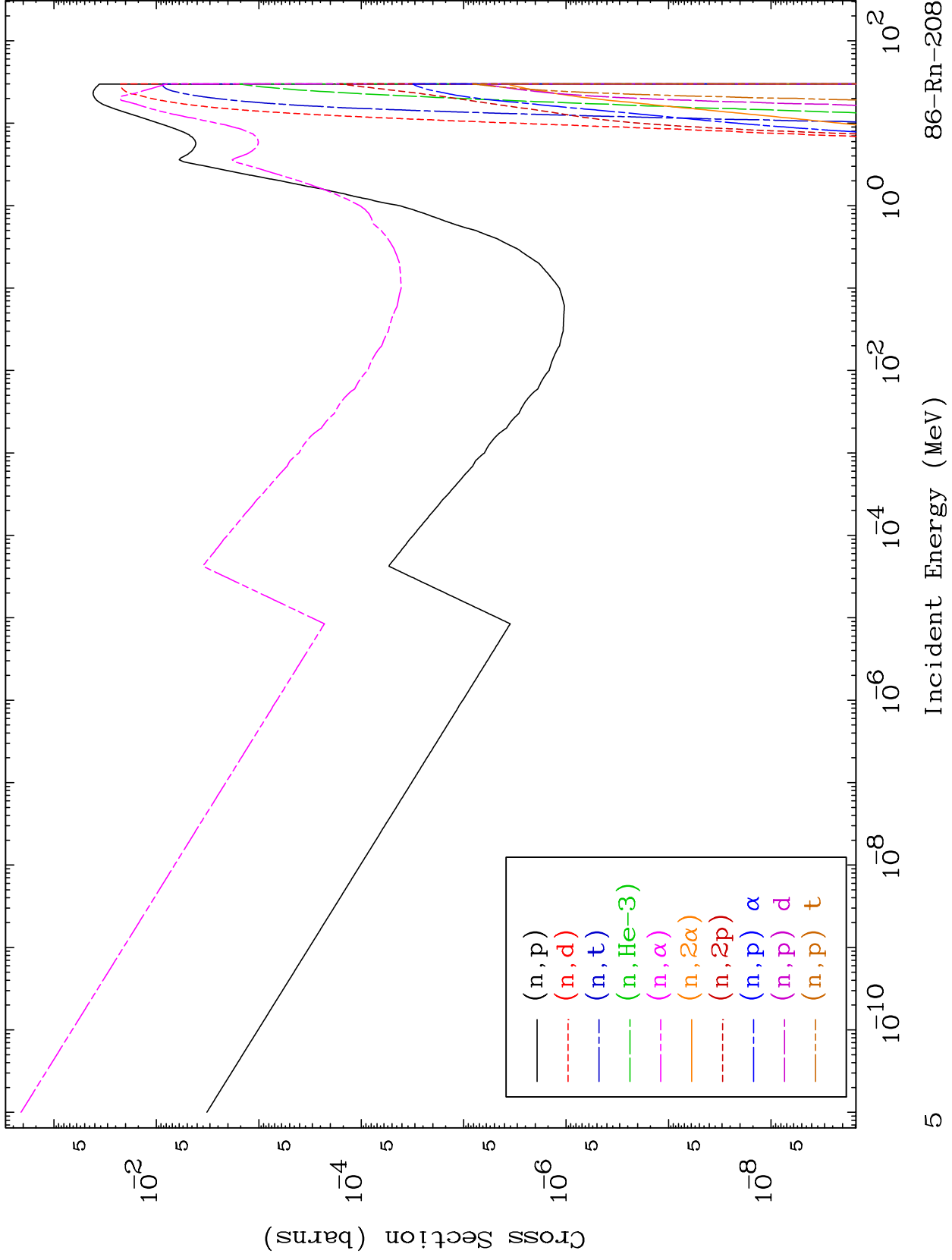
86-Rn-208



MAT 8616

Charged Particle
293 Kelvin Cross Sections

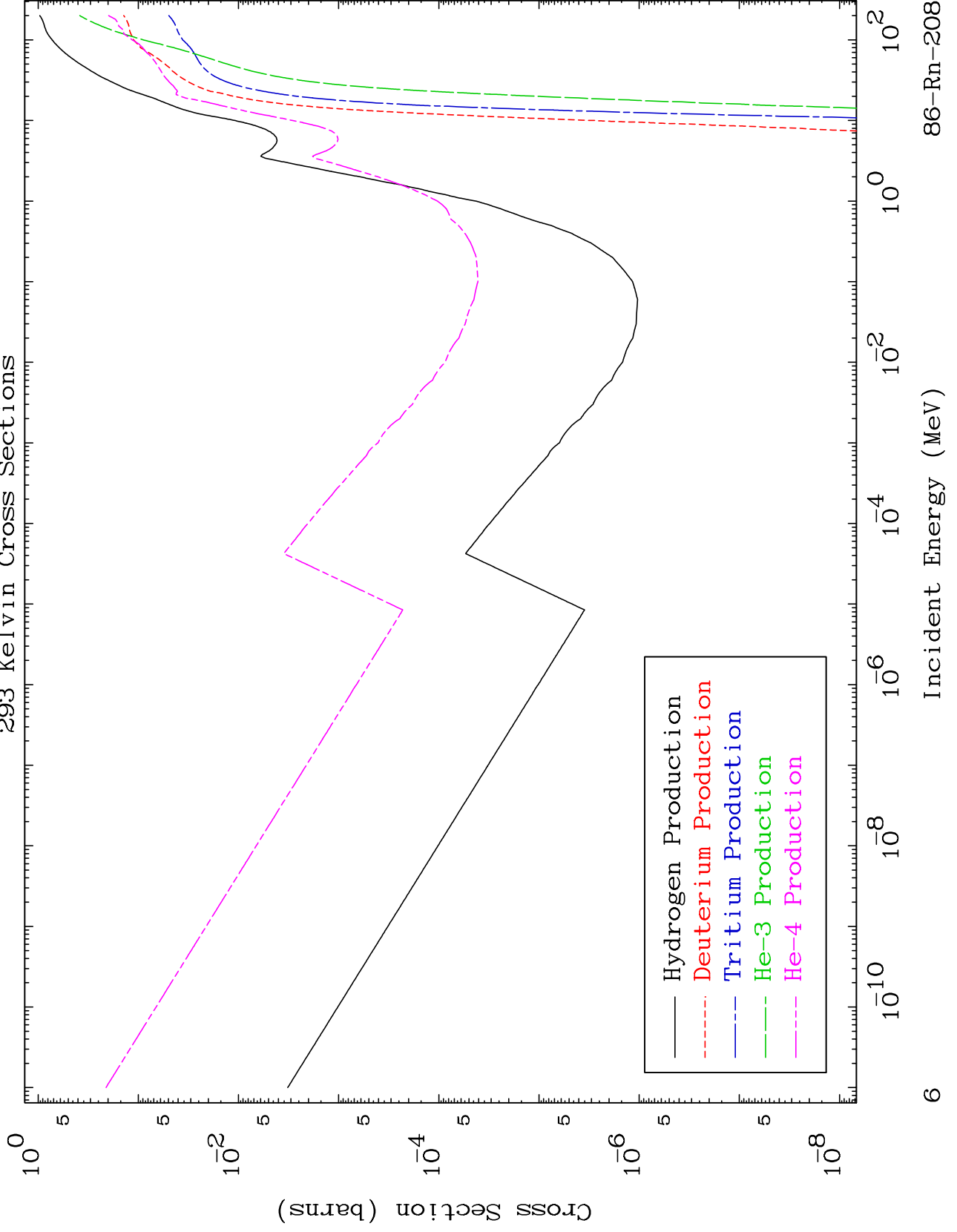
86-Rn-208



MAT 8616

Particle Production
293 Kelvin Cross Sections

86-Rn-208

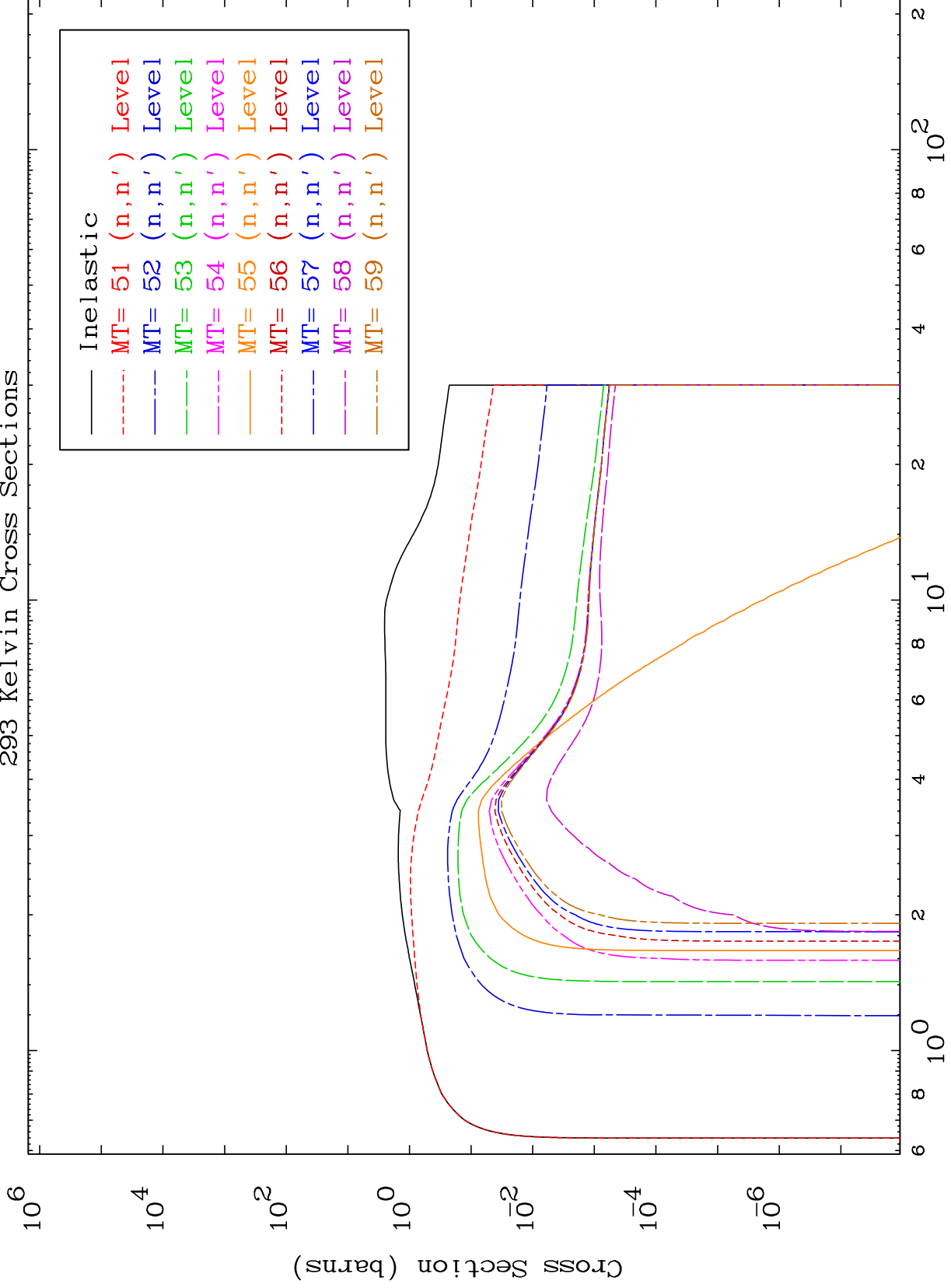


MAT 8616

(n,n') Level

86-Rn-208

293 Kelvin Cross Sections



7

Incident Energy (MeV)

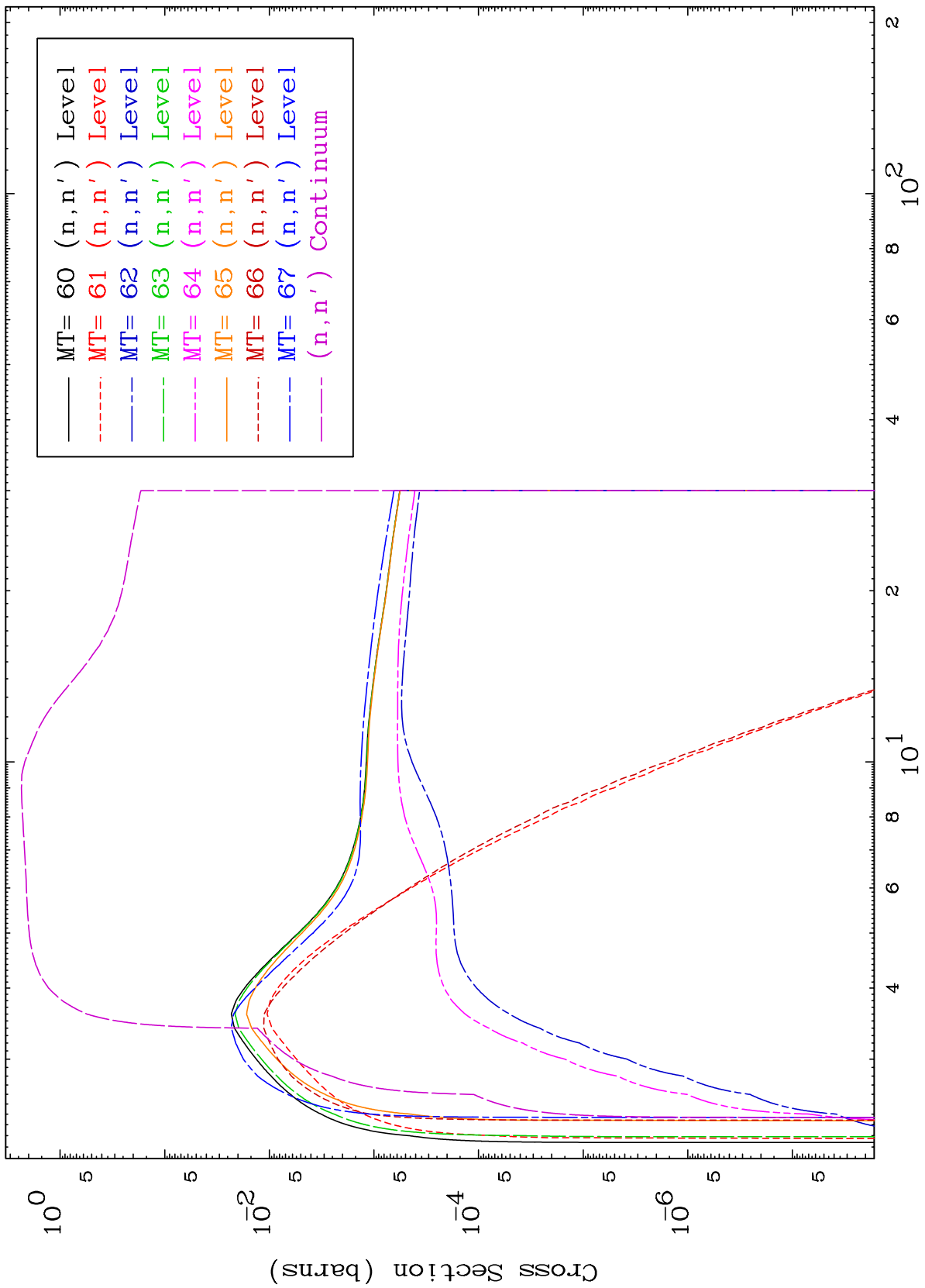
86-Rn-208

MAT 8616

(n,n') Level

86-Rn-208

293 Kelvin Cross Sections



8

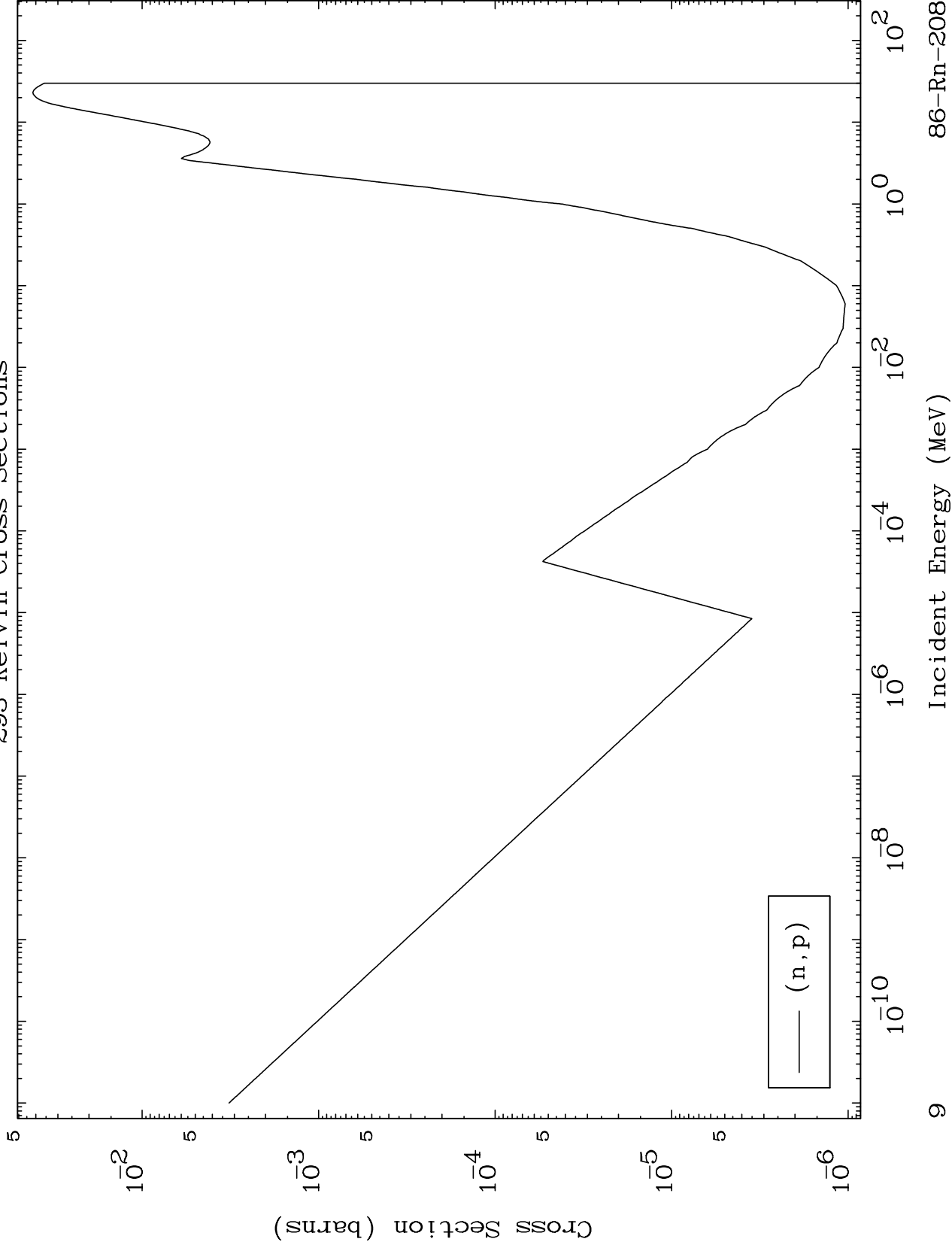
Incident Energy (MeV)

86-Rn-208

MAT 8616

(n,p) Levels
293 Kelvin Cross Sections

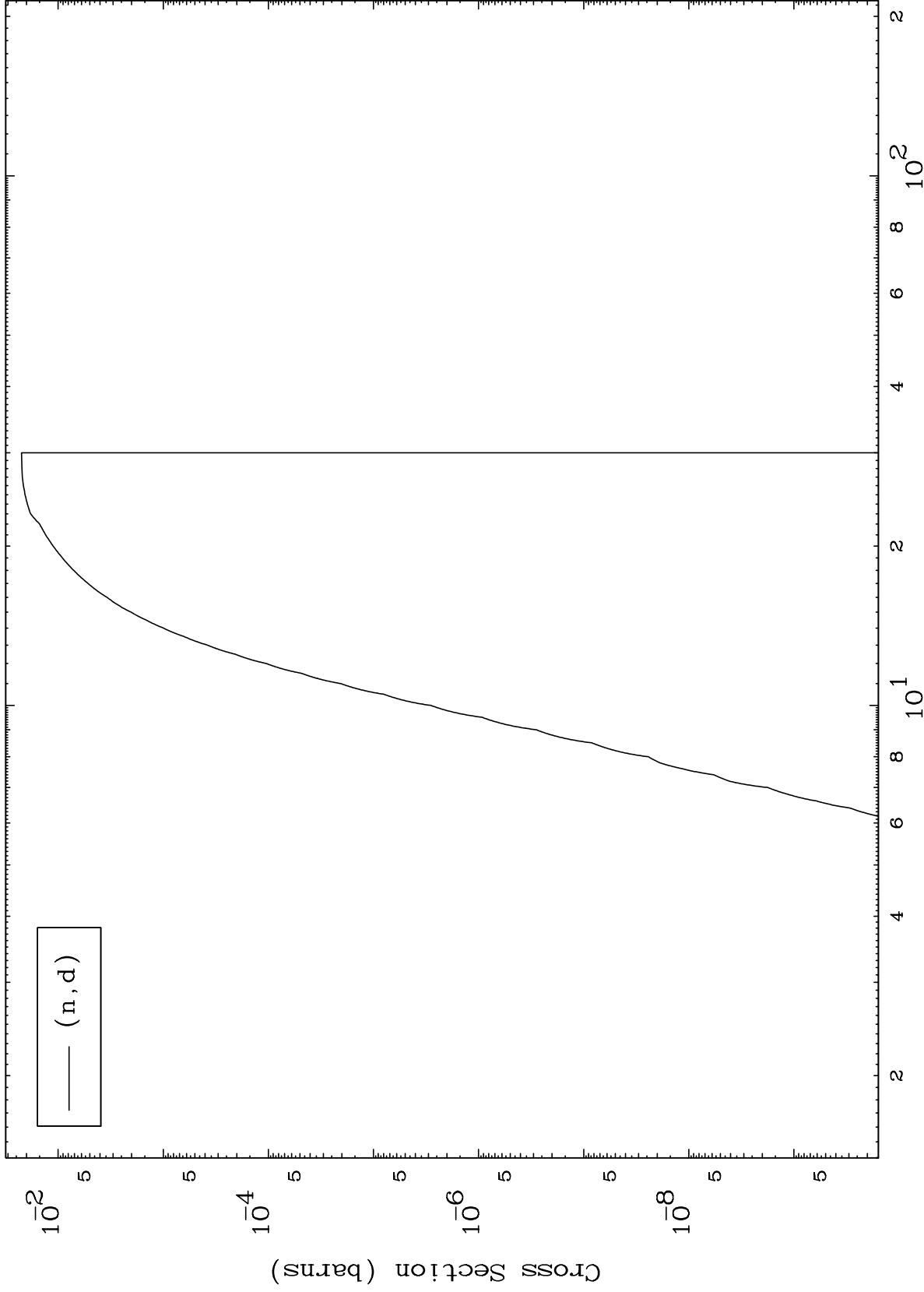
86-Rn-208



MAT 8616

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-208



10

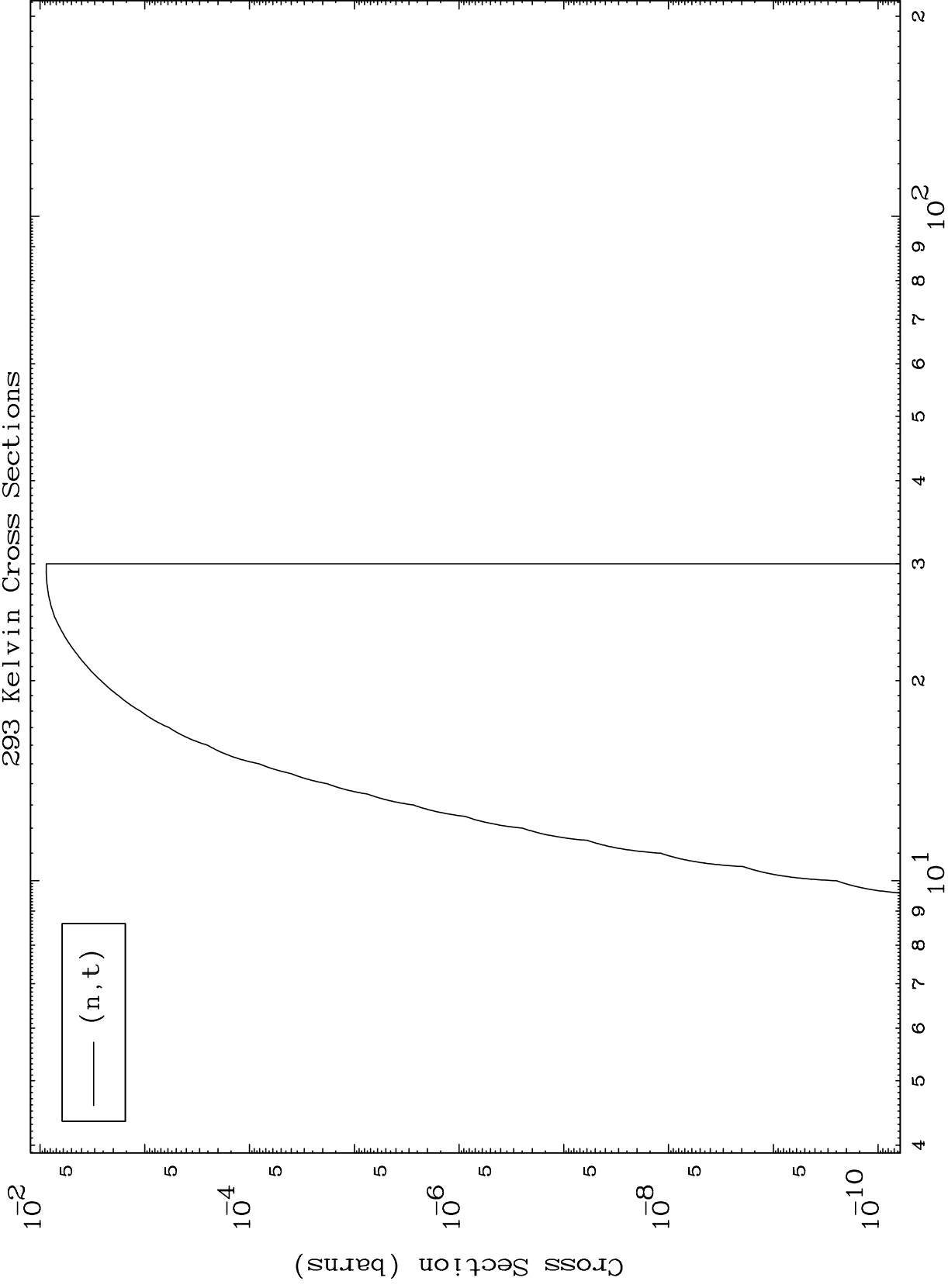
Incident Energy (MeV)

86-Rn-208

MAT 8616

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-208



11

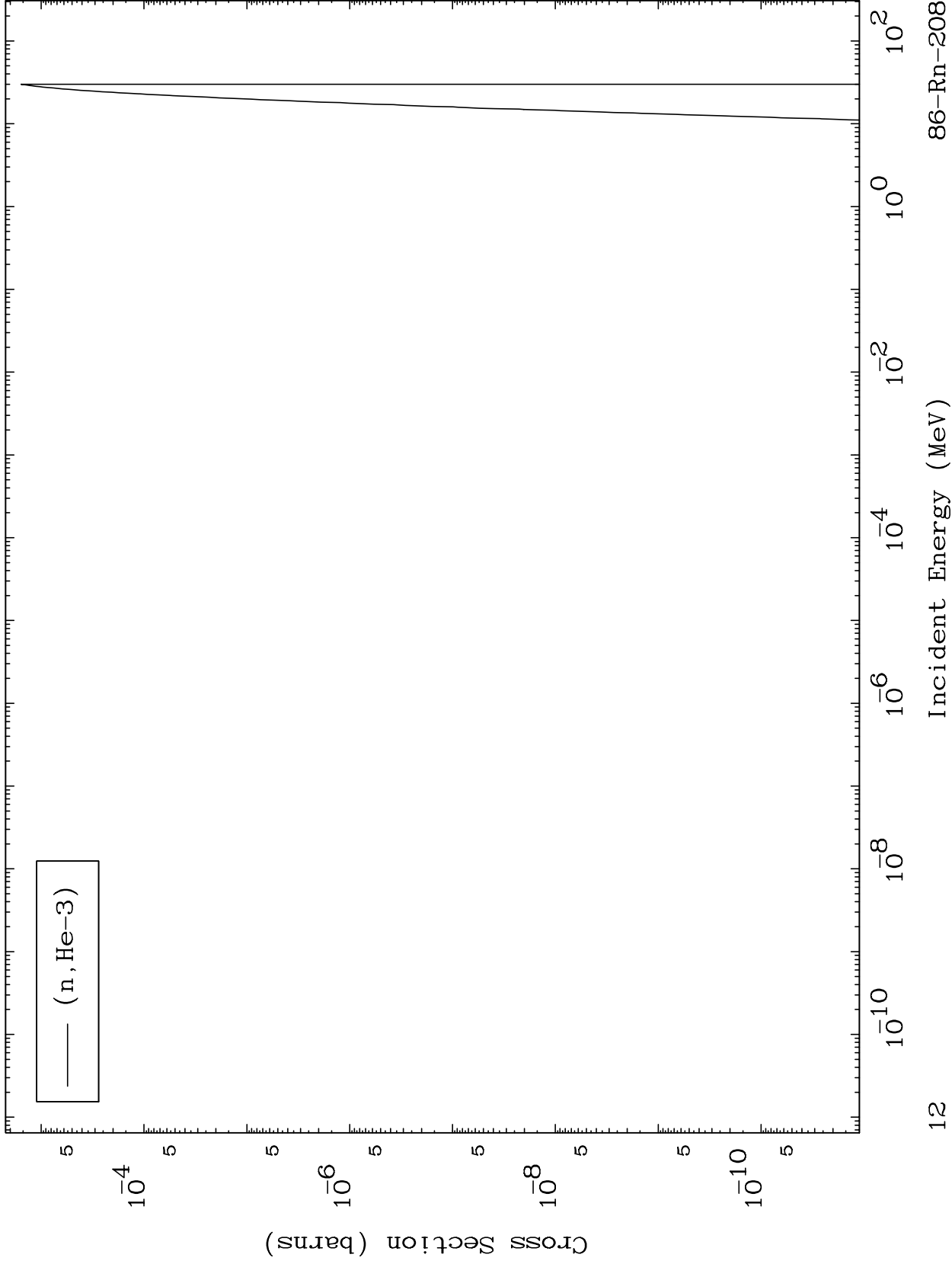
Incident Energy (MeV)

86-Rn-208

MAT 8616

(n,He3) Levels
293 Kelvin Cross Sections

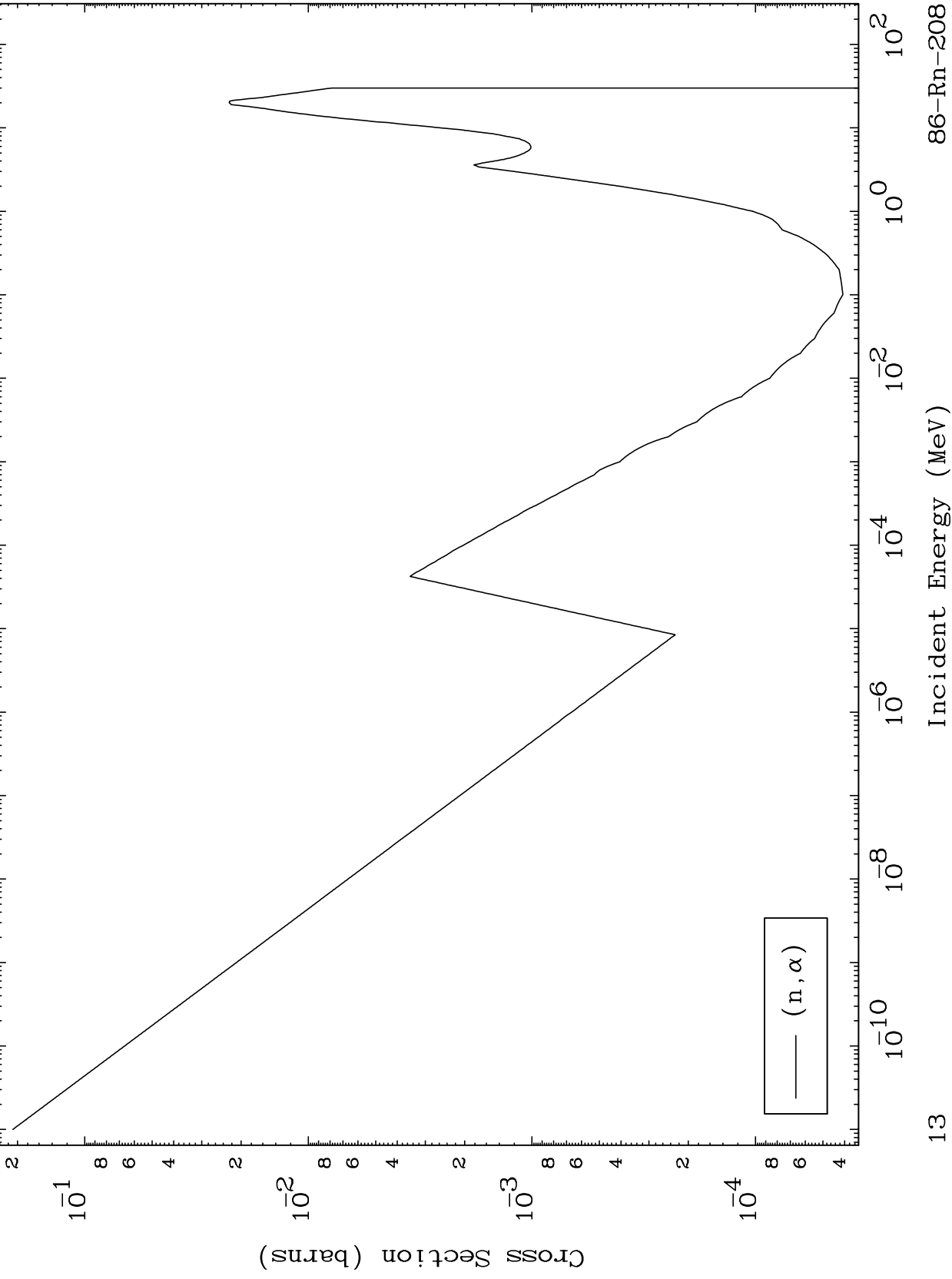
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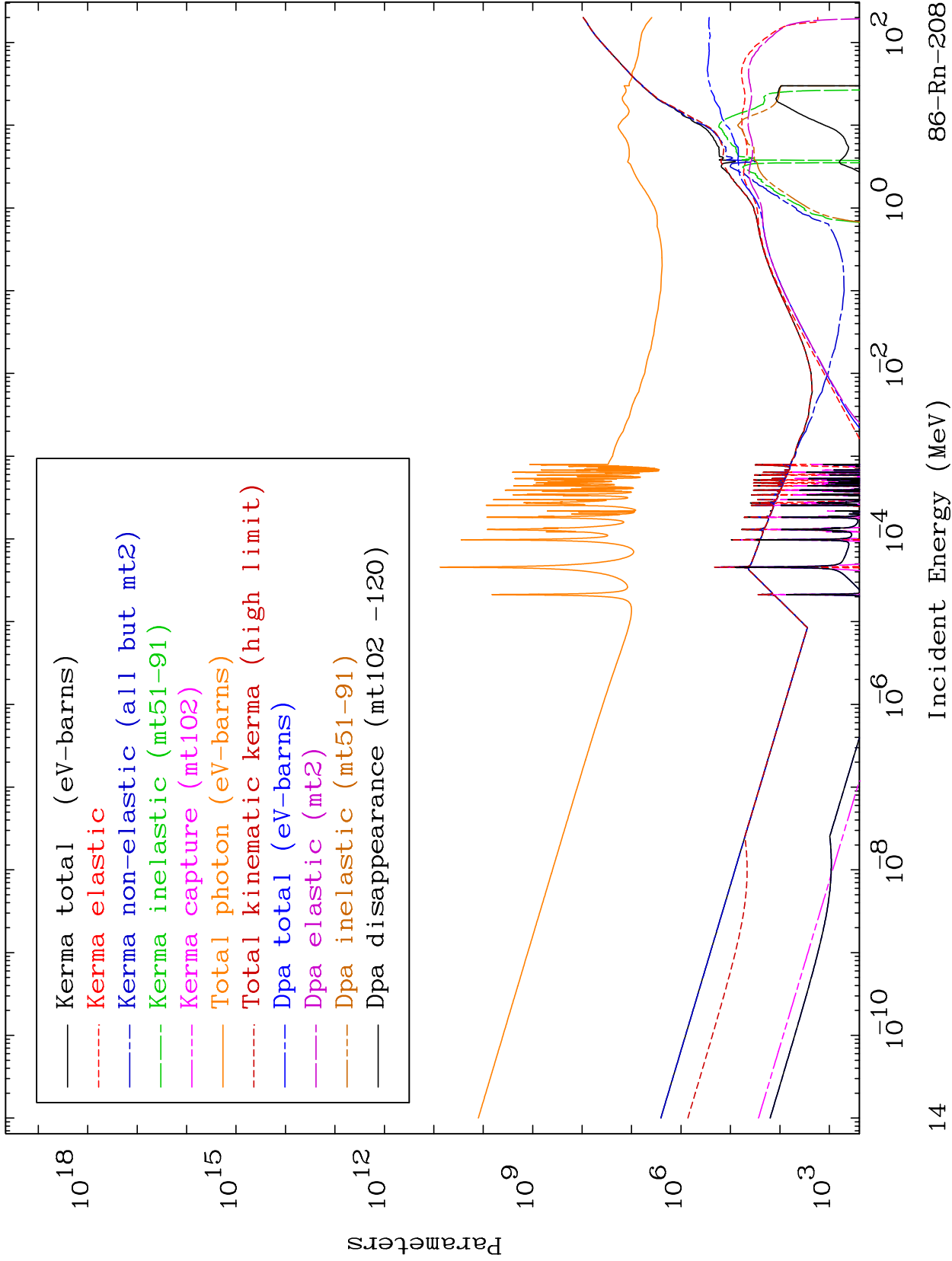


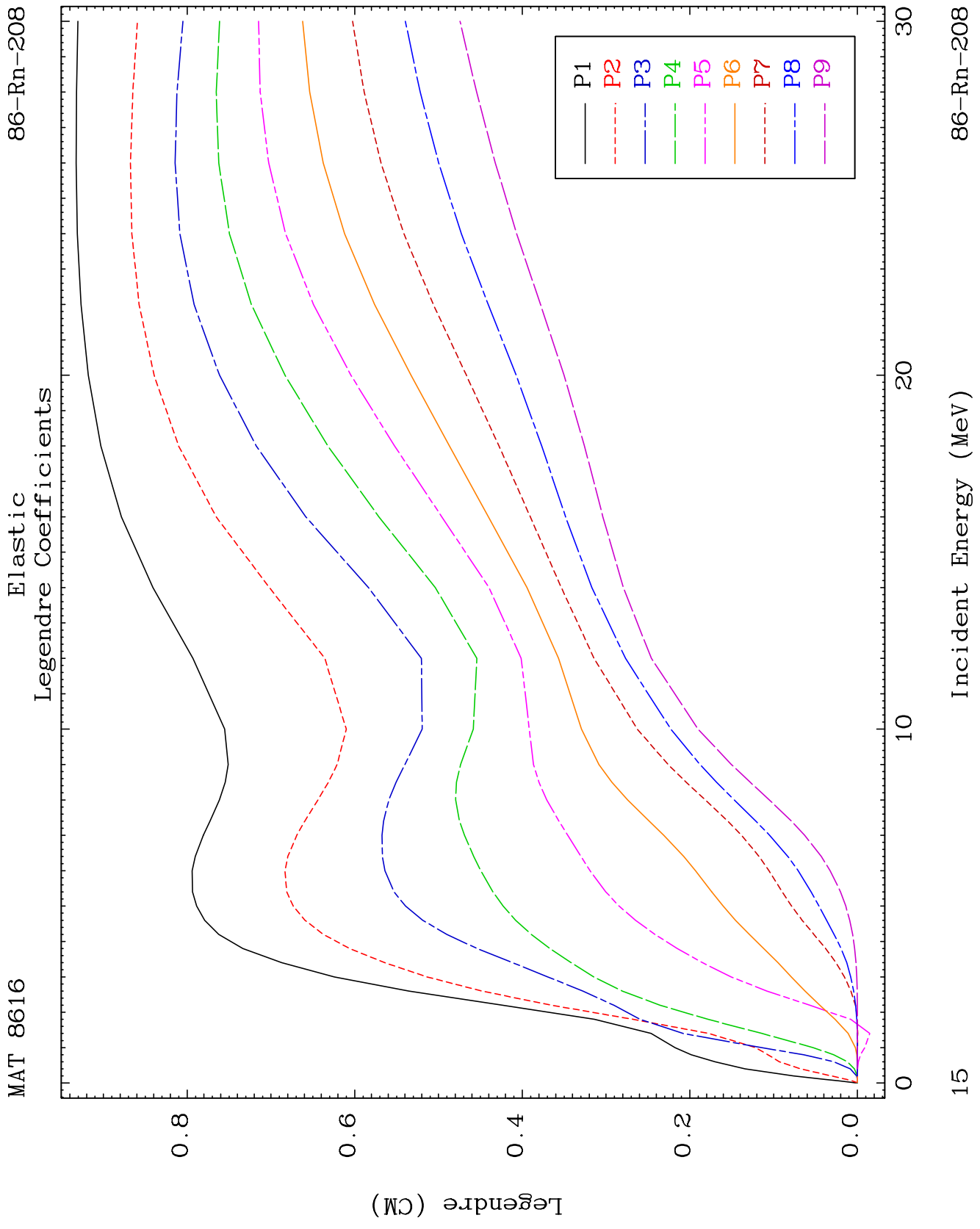
MAT 8616

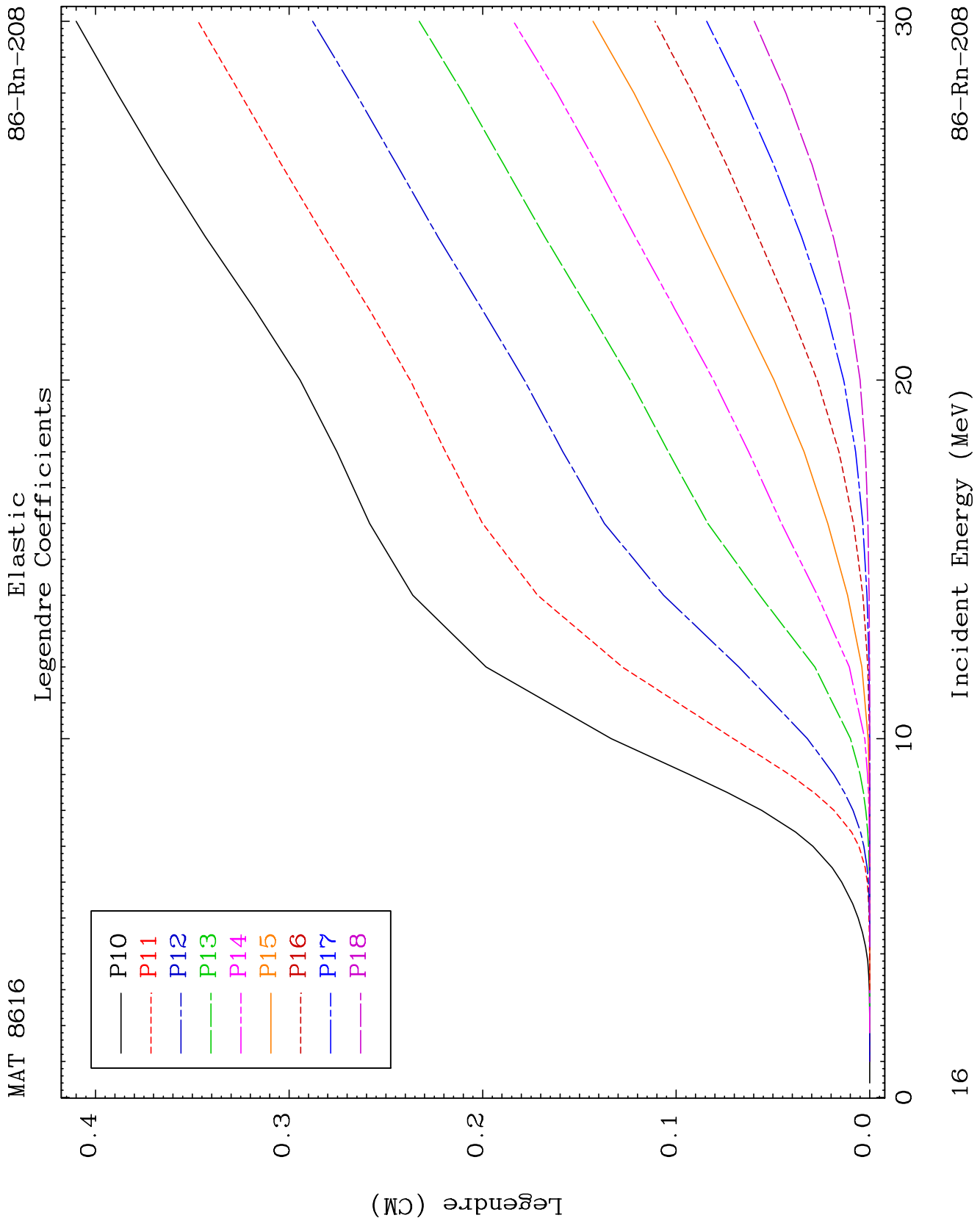
(n, α) Levels
293 Kelvin Cross Sections

86-Rn-208





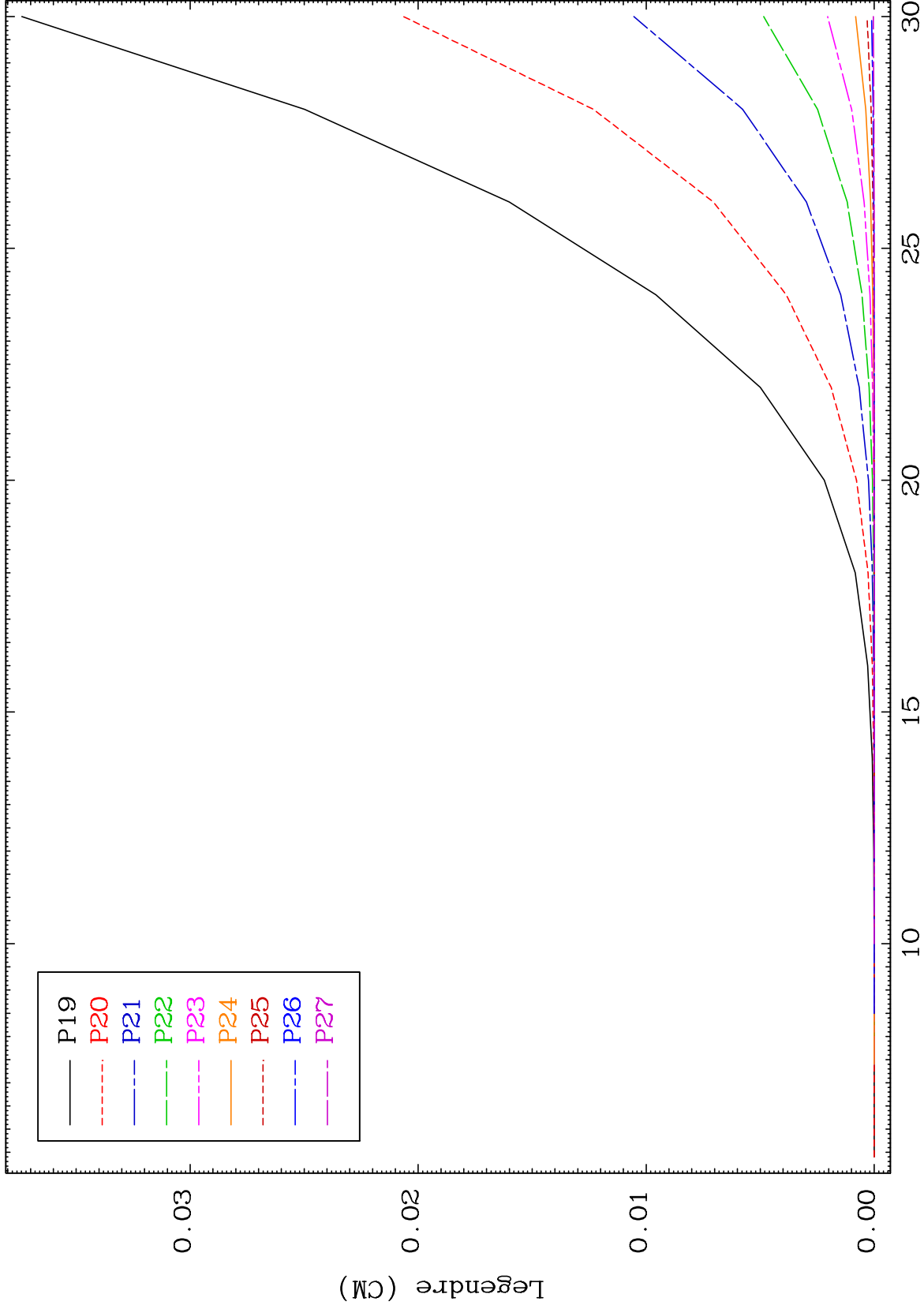




MAT 8616

Elastic Legendre Coefficients

86-Rn-208



17

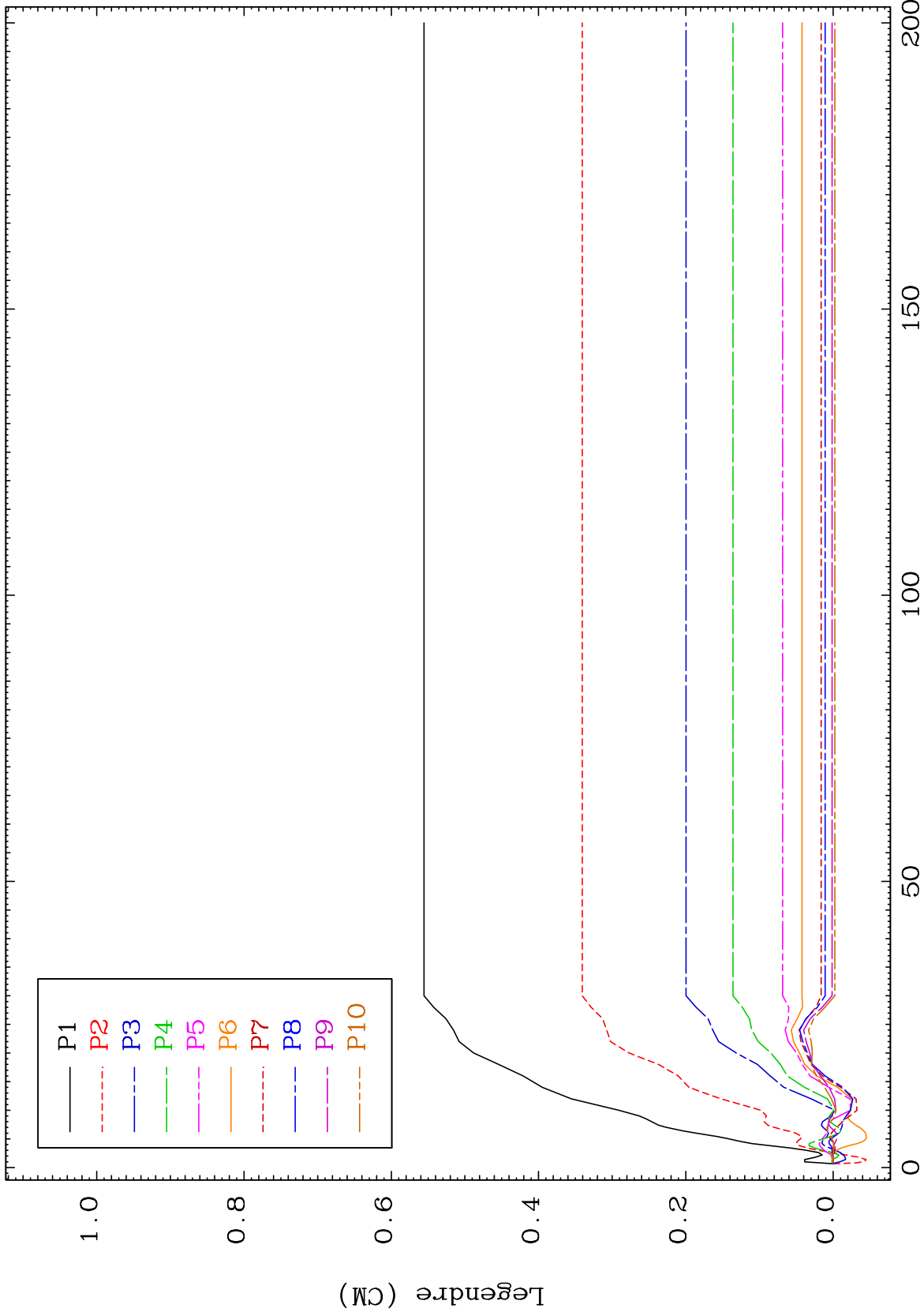
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



19

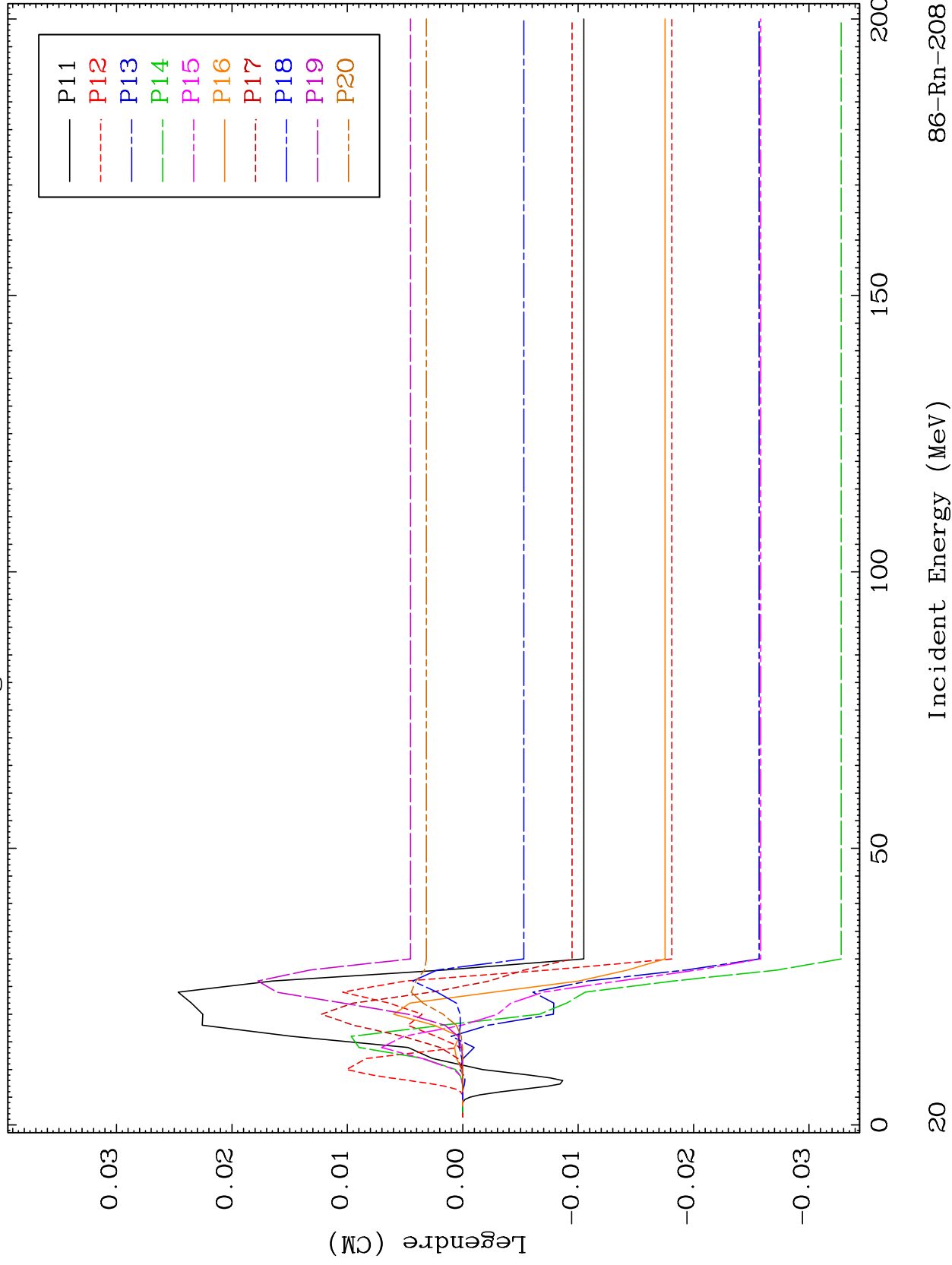
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

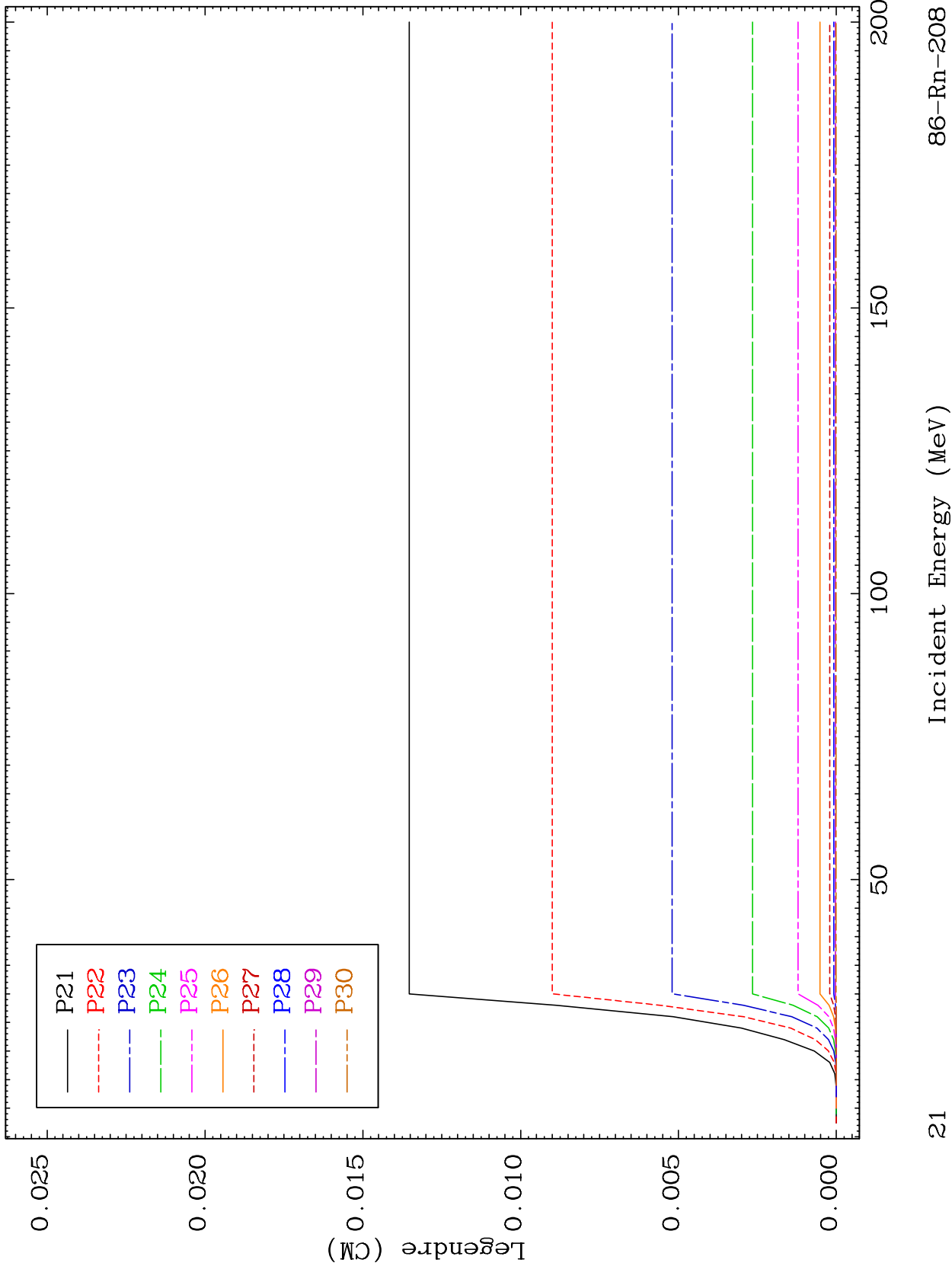
86-Rn-208



86-Rn-208

Incident Energy (MeV)

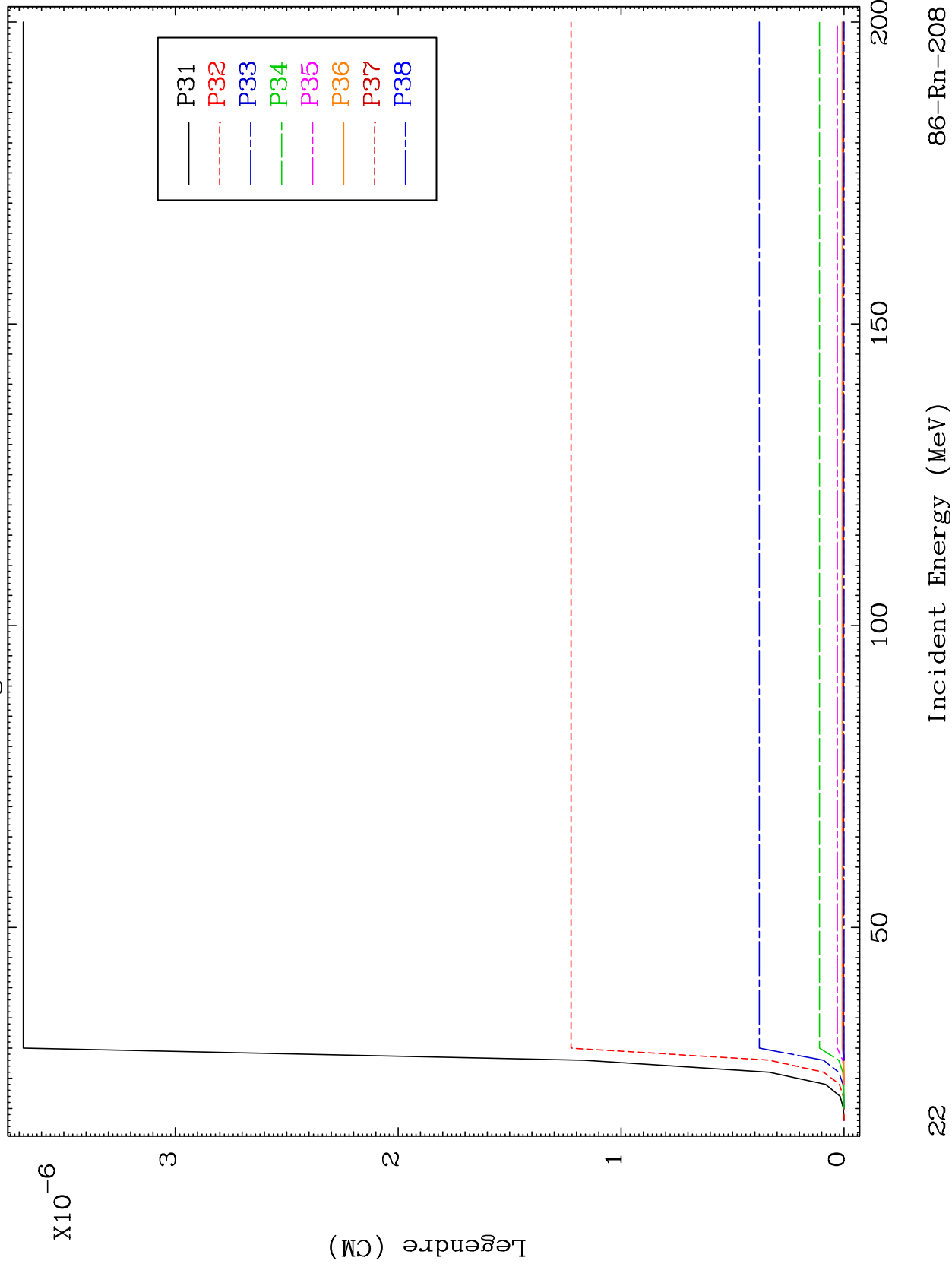
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MAT 8616

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

86-Rn-208



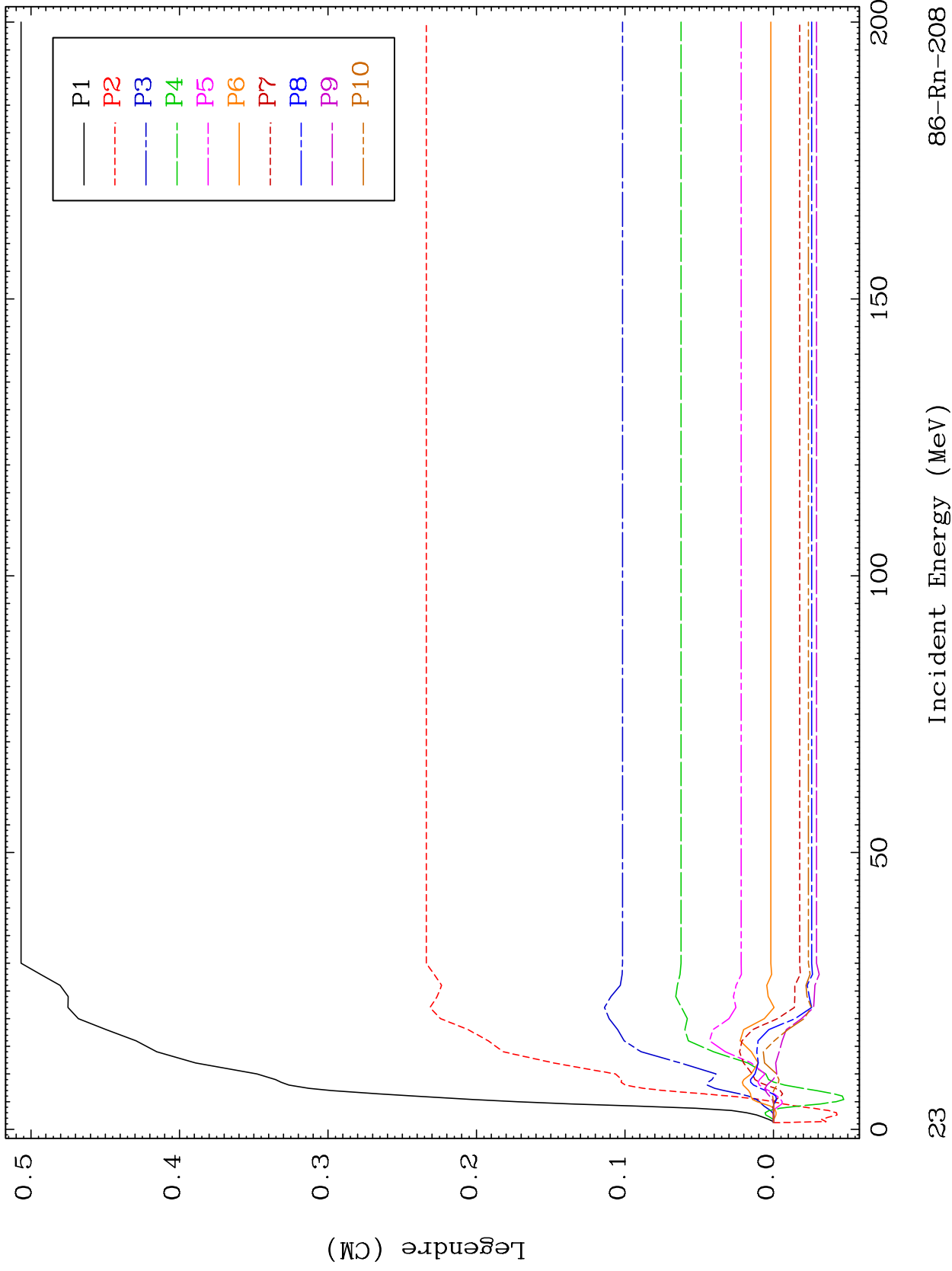
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86-Rn-208

MAT 8616

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

86-Rn-208



23

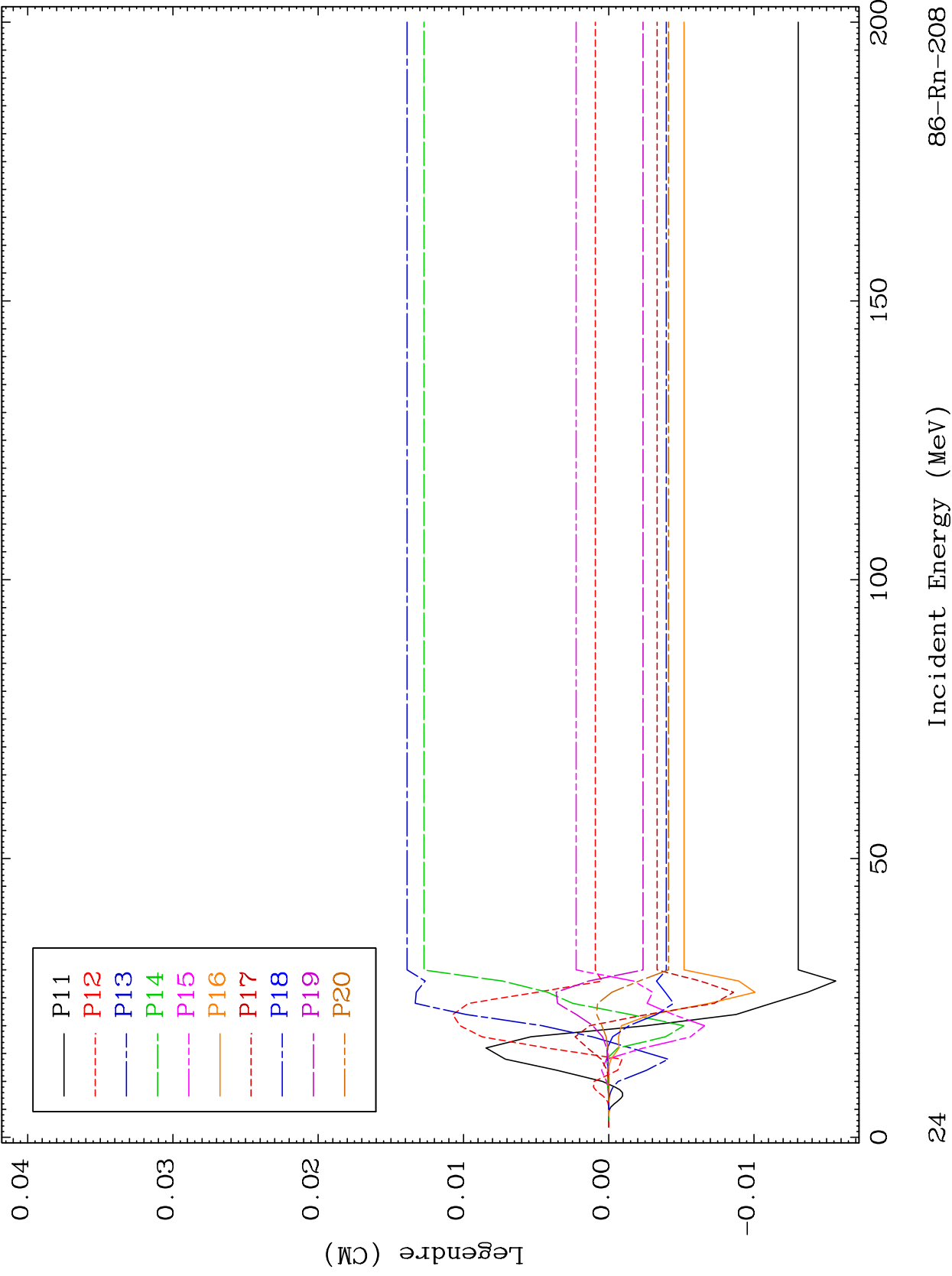
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



24

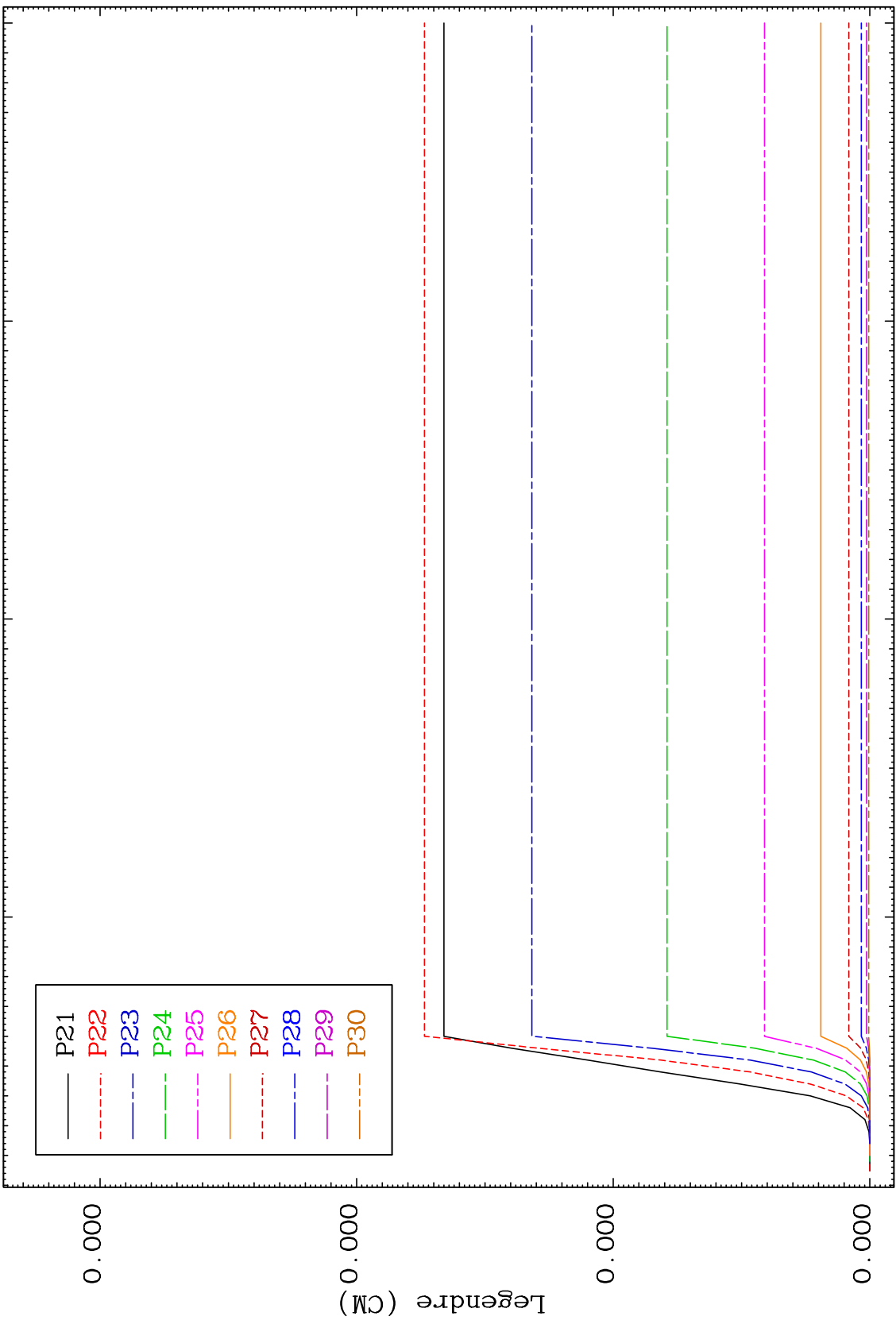
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



200

150

100

50

25

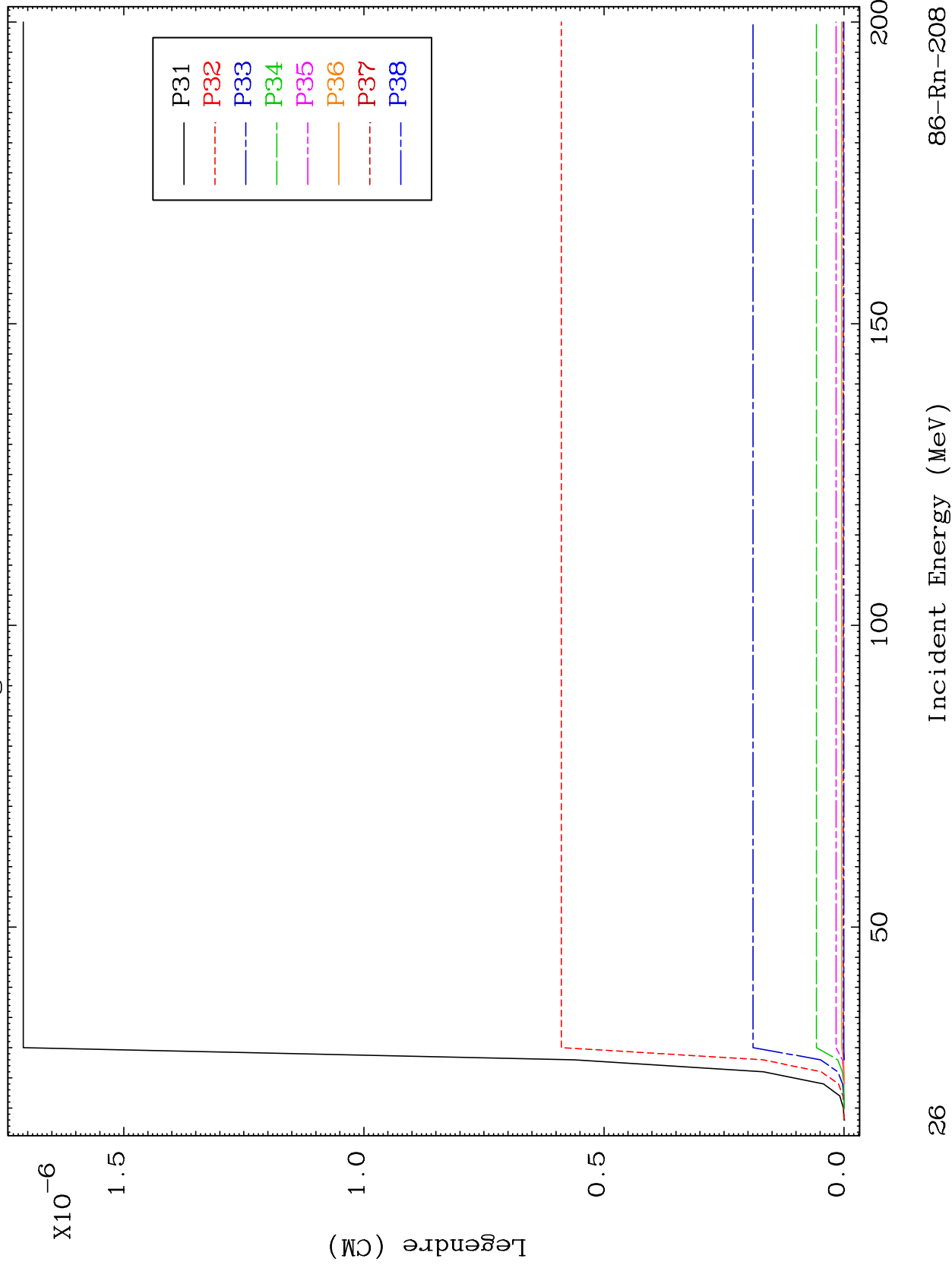
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



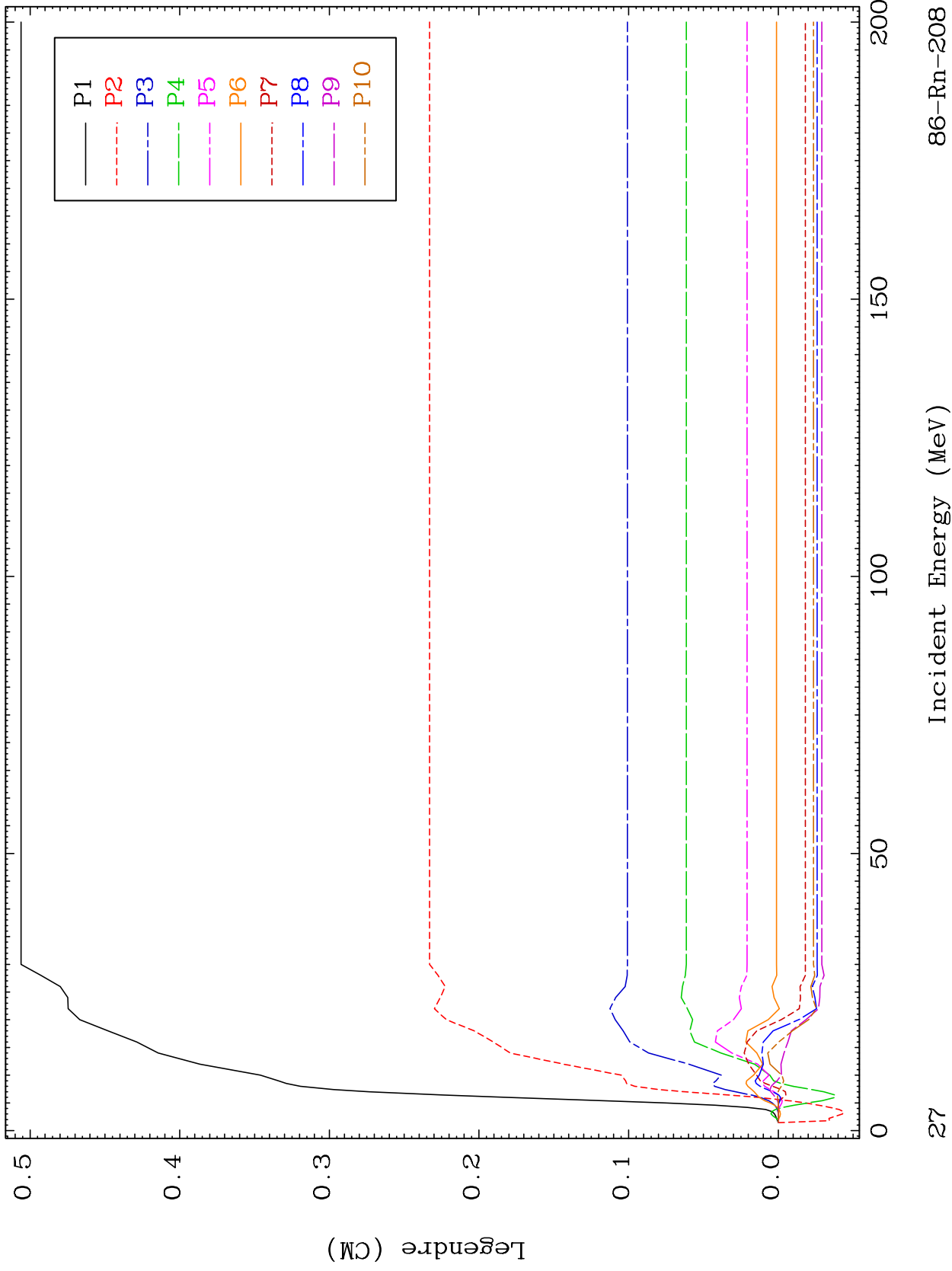
26

86-Rn-208

MAT 8616

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

86-Rn-208



86-Rn-208

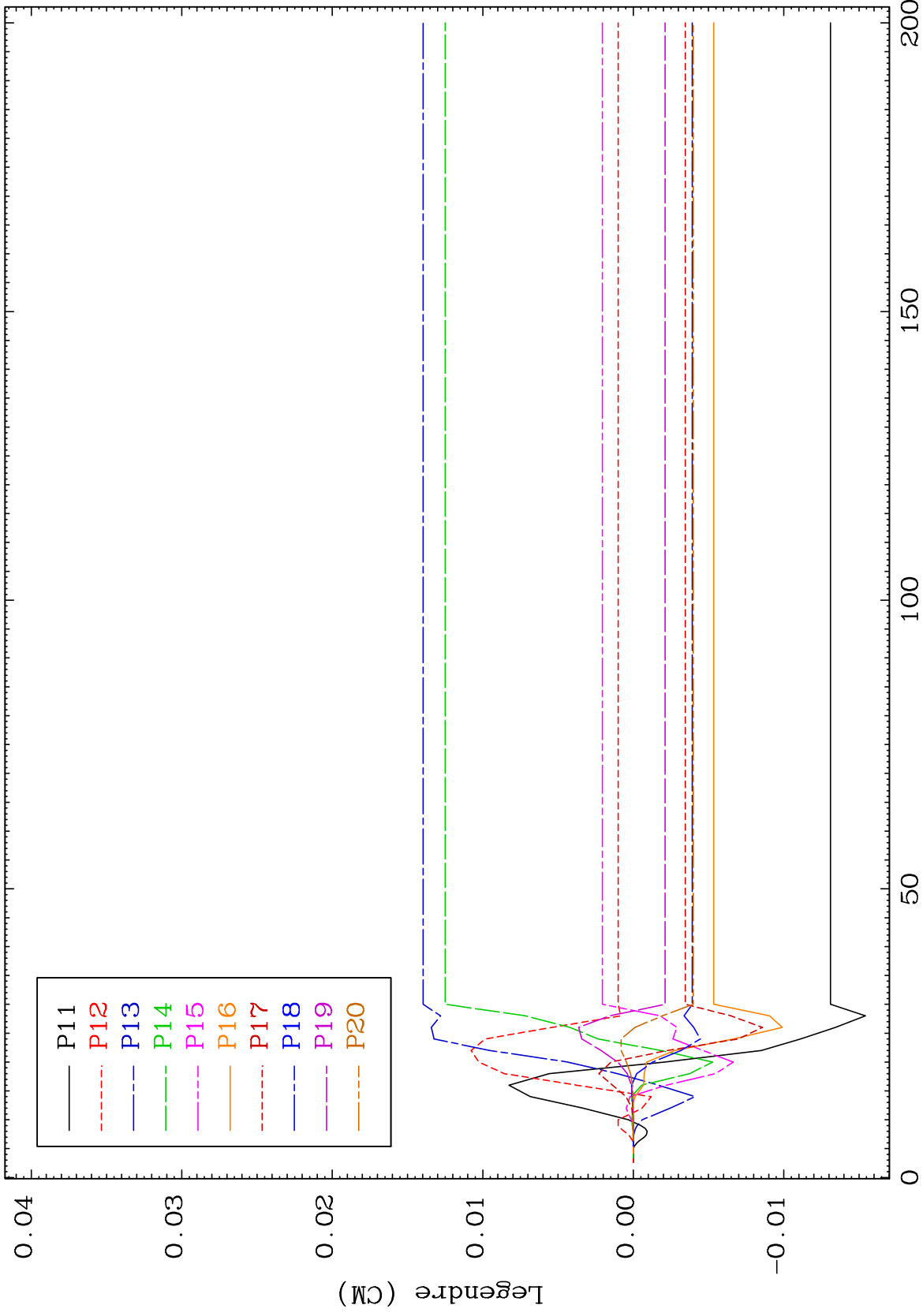
Incident Energy (MeV)

27

MAT 8616

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

86-Rn-208



28

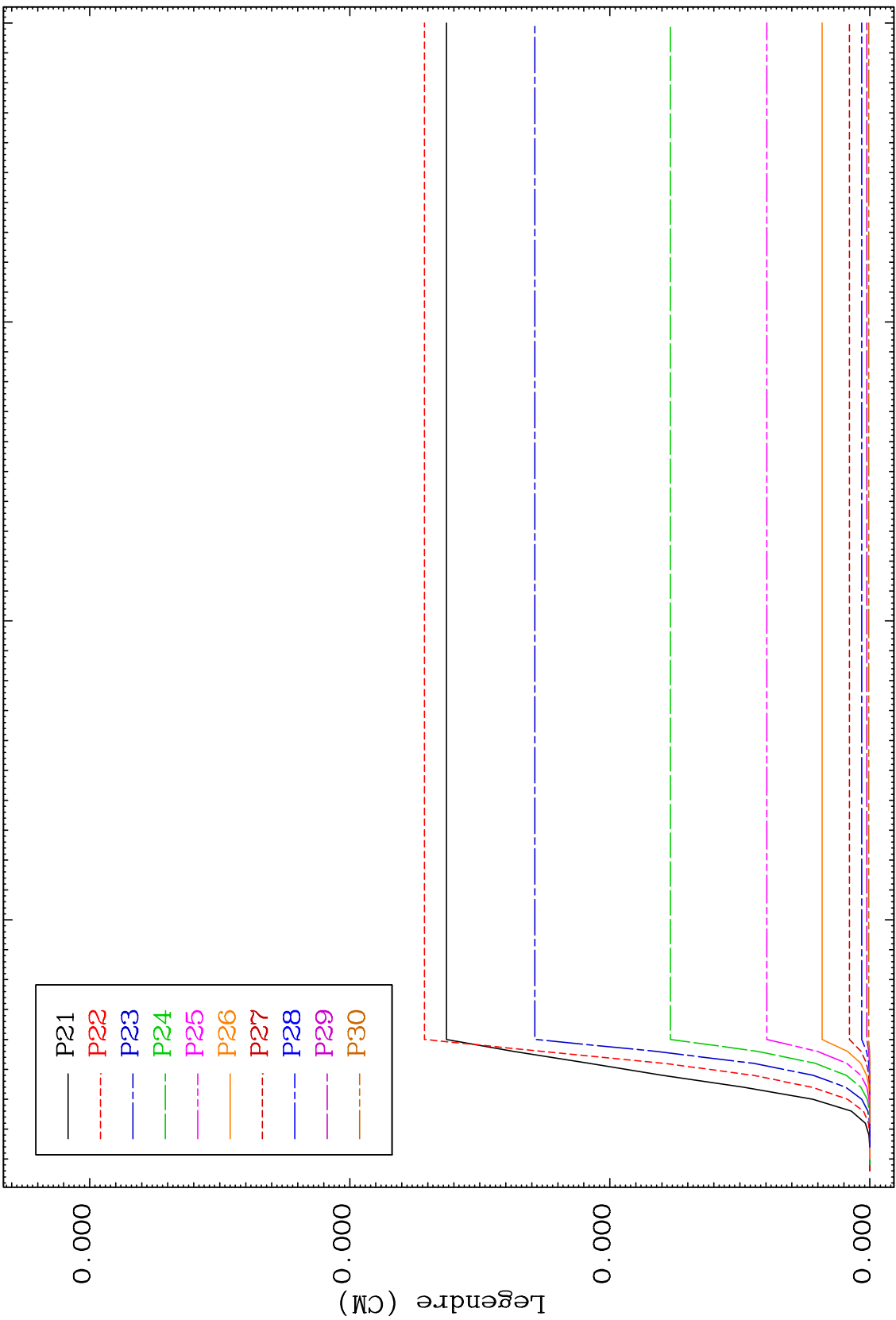
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

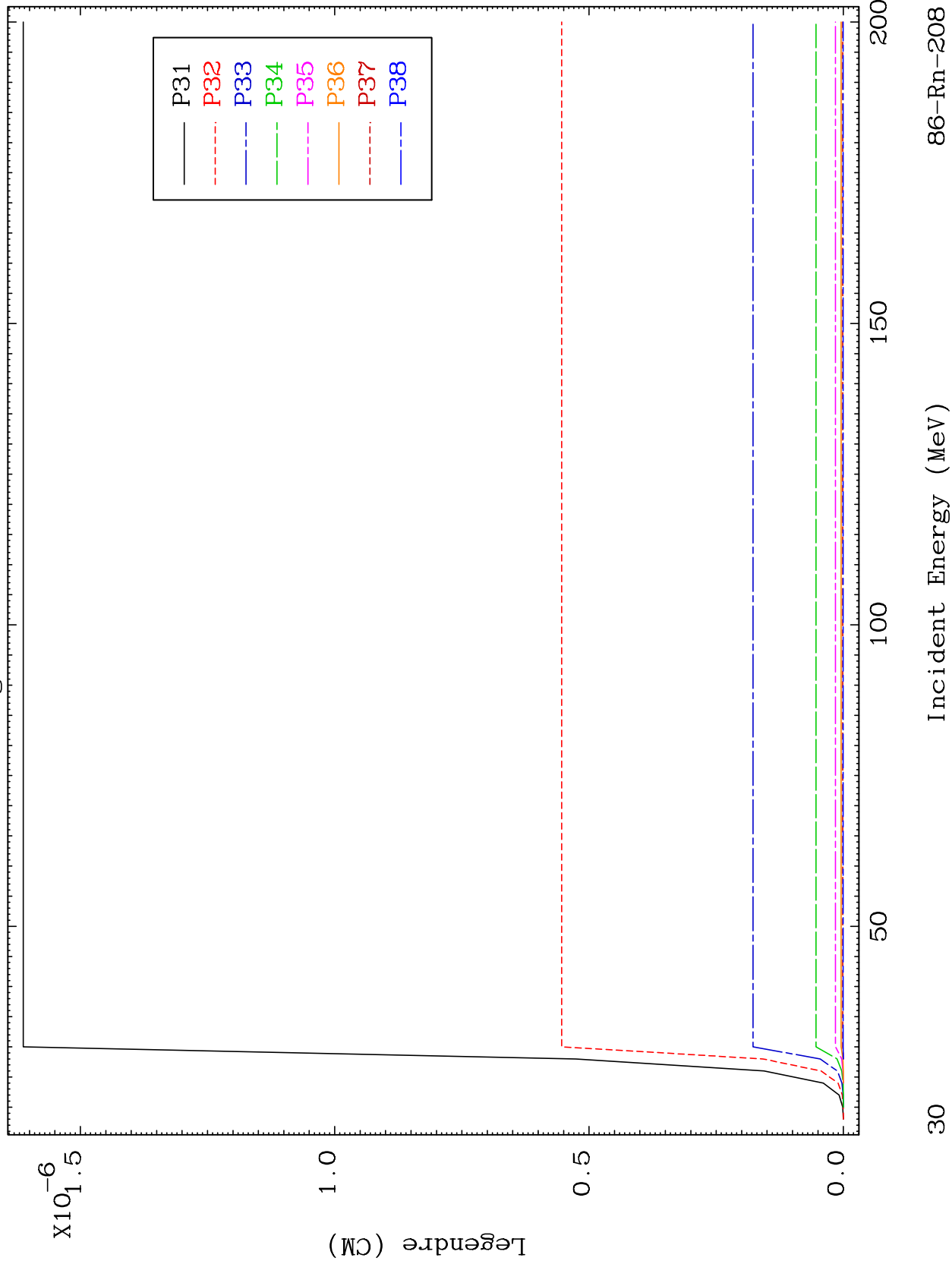
86-Rn-208



MAT 8616

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

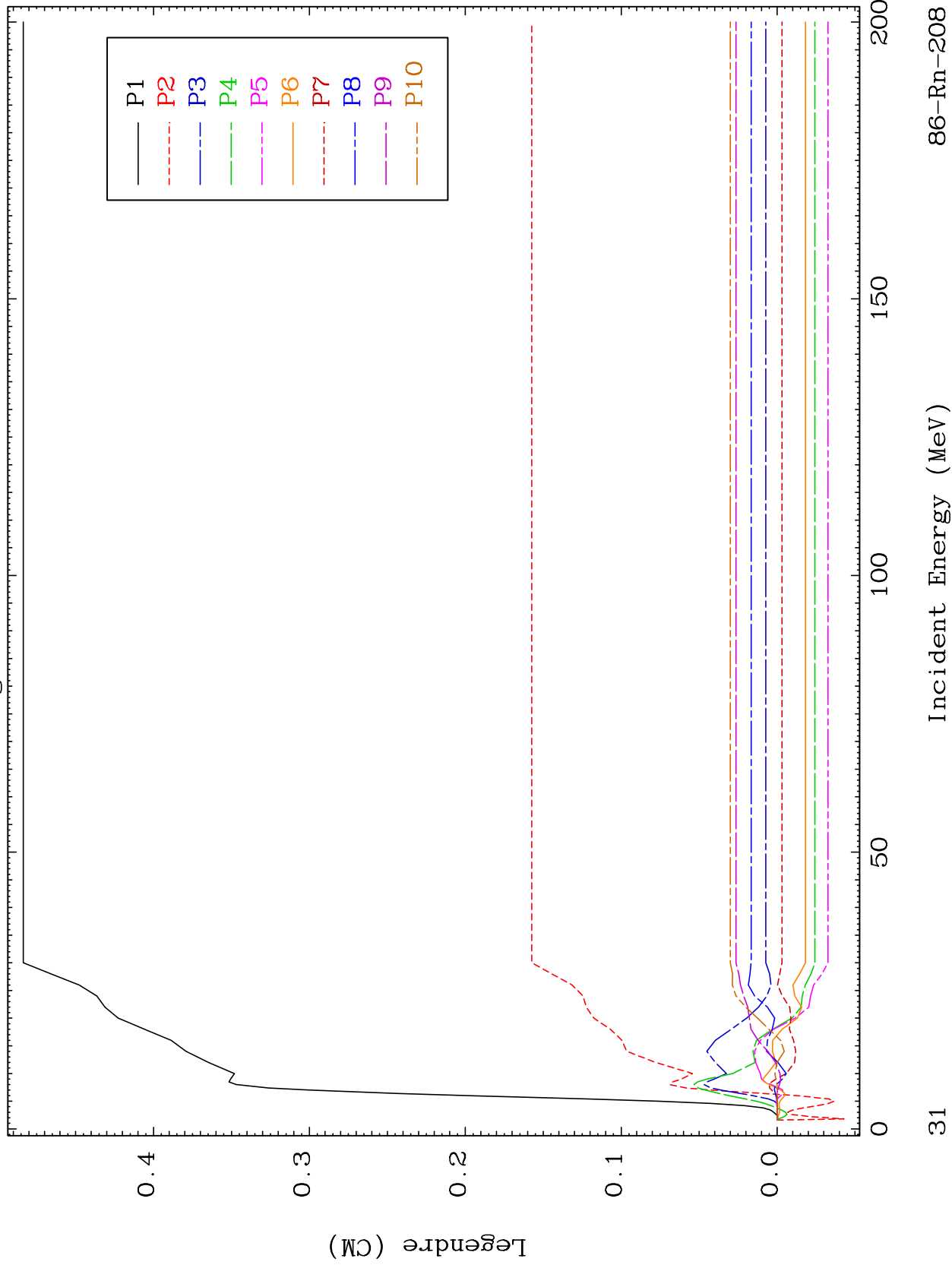
86-Rn-208



MAT 8616

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

86-Rn-208



86-Rn-208

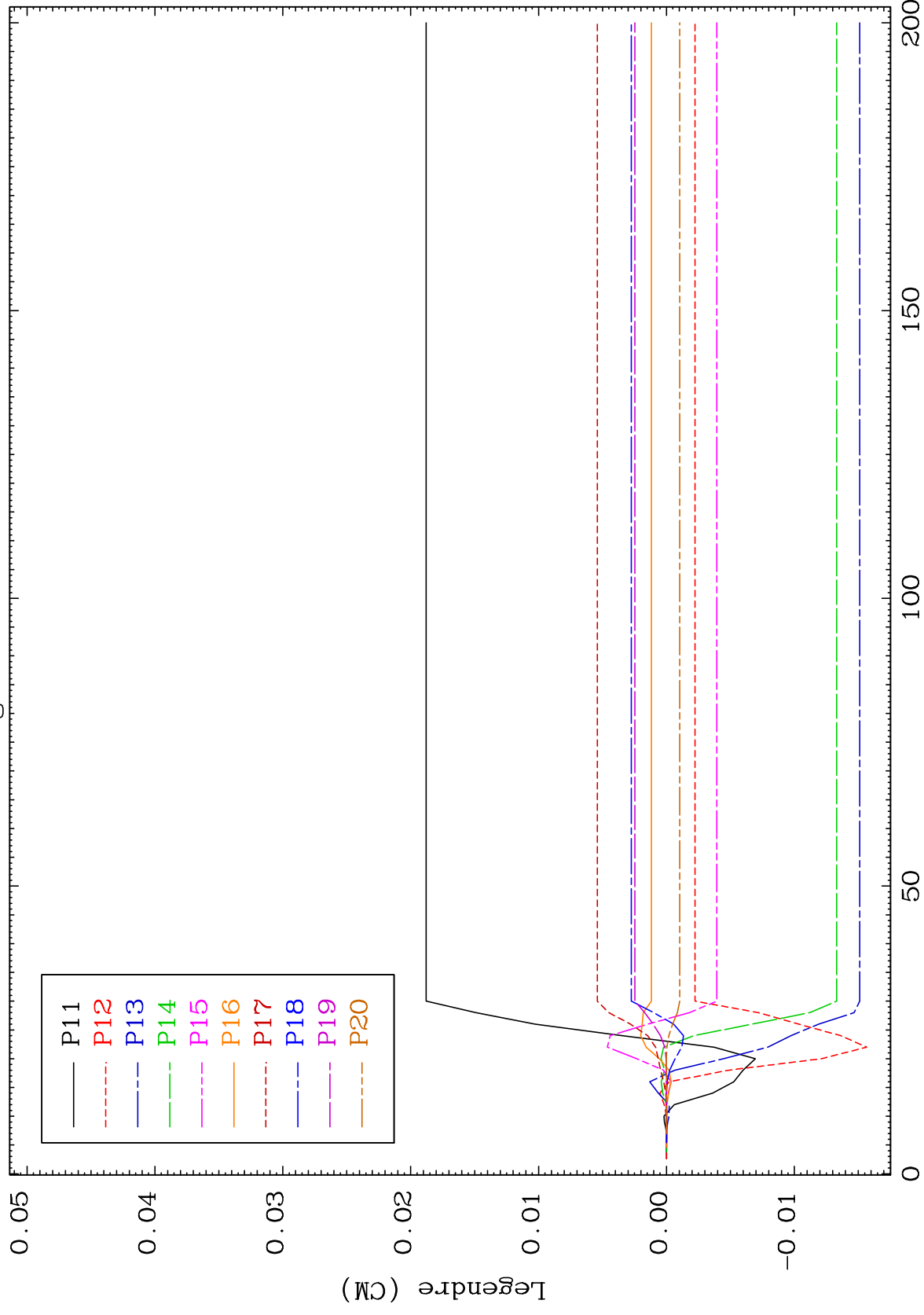
Incident Energy (MeV)

31

MAT 8616

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

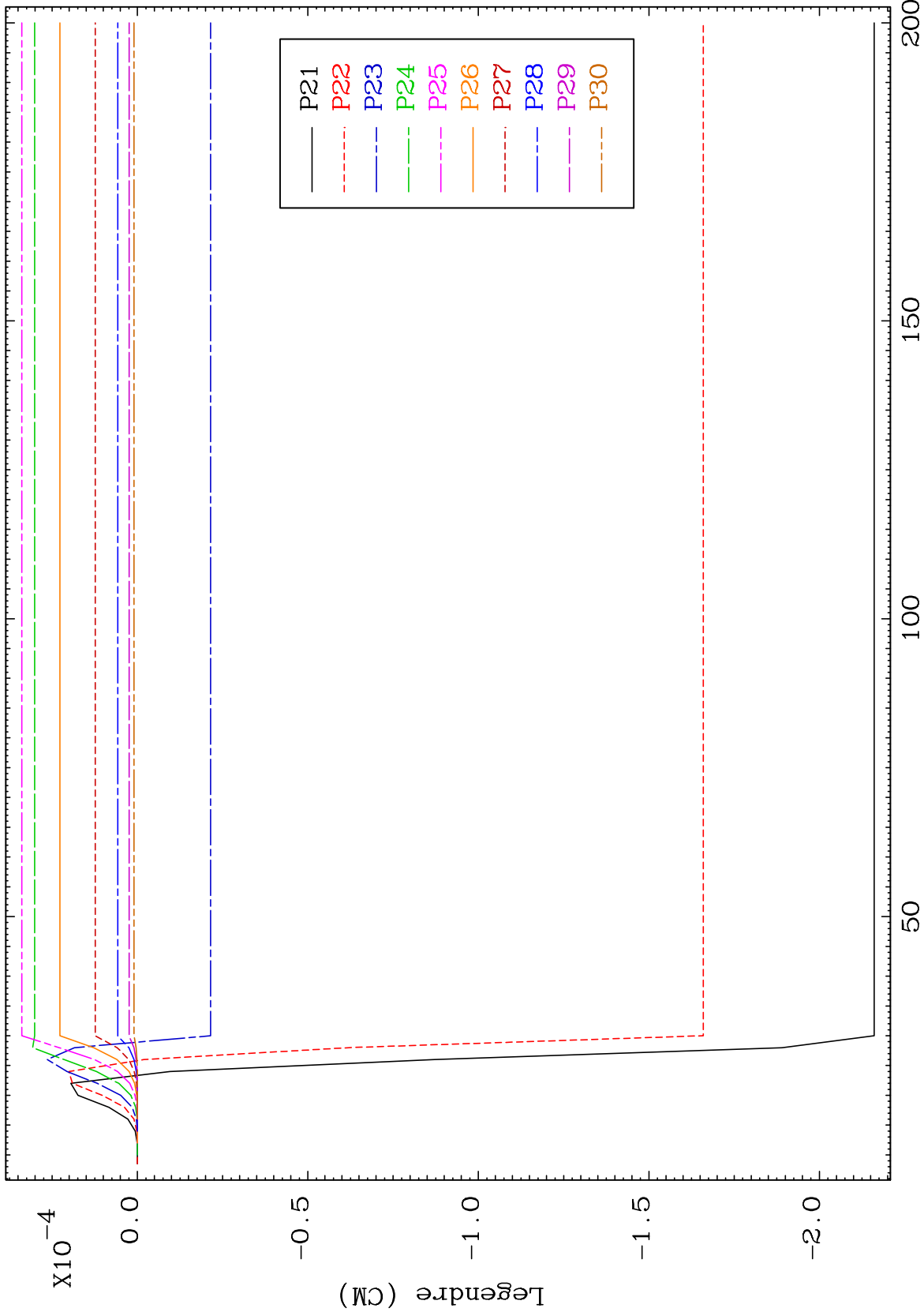
86-Rn-208



32

Incident Energy (MeV)

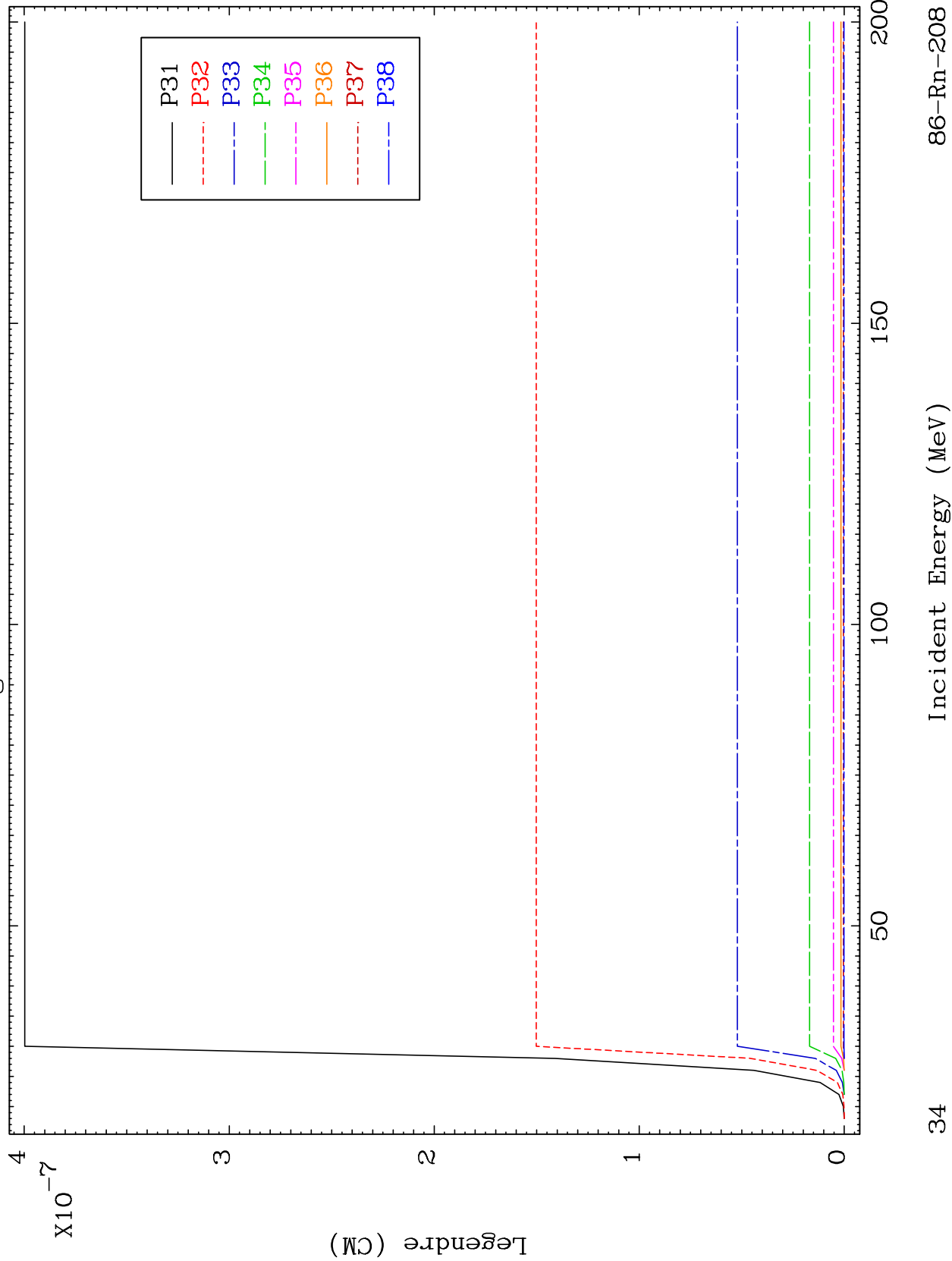
86-Rn-208



MAT 8616

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

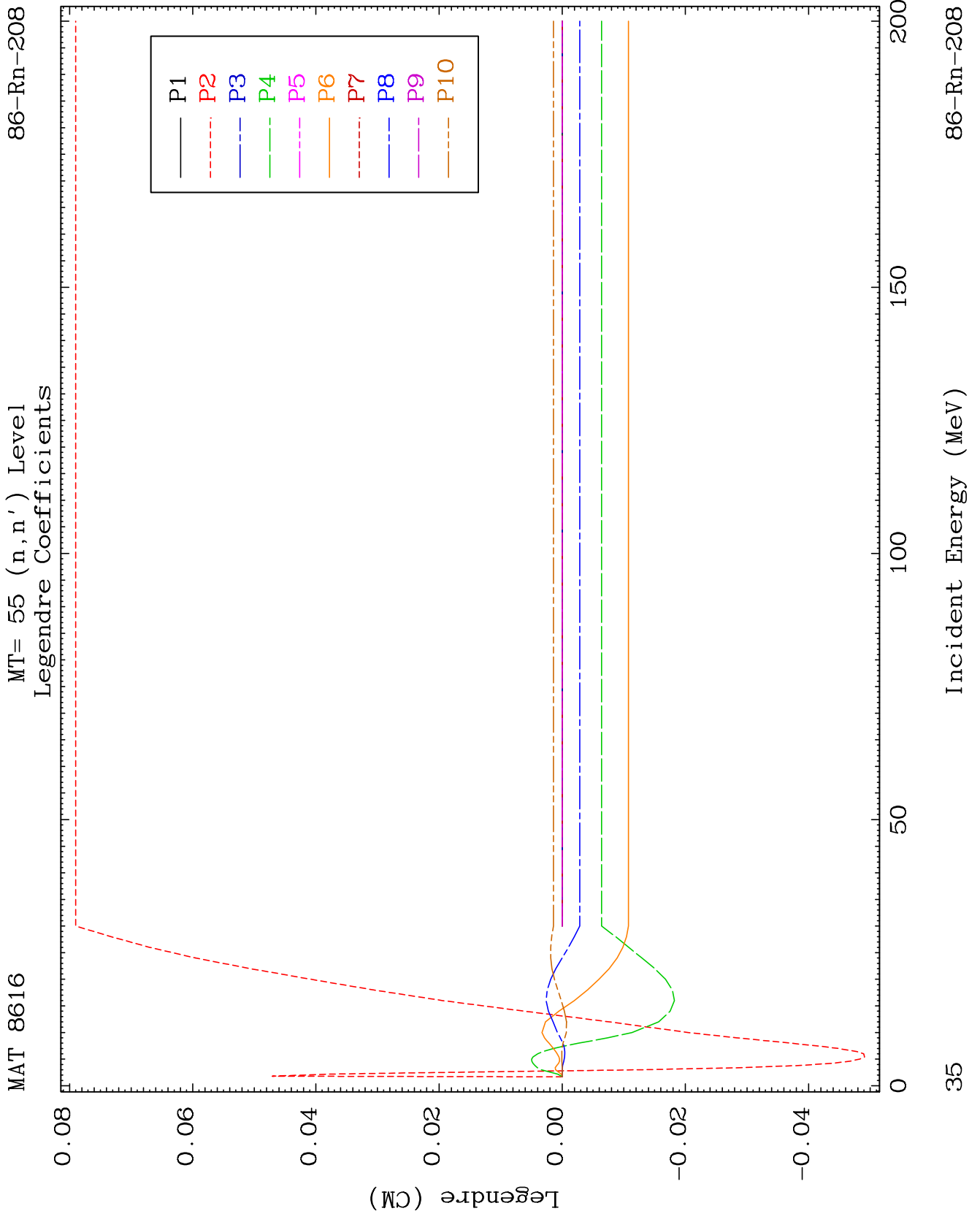
86-Rn-208



34

Incident Energy (MeV)

86-Rn-208

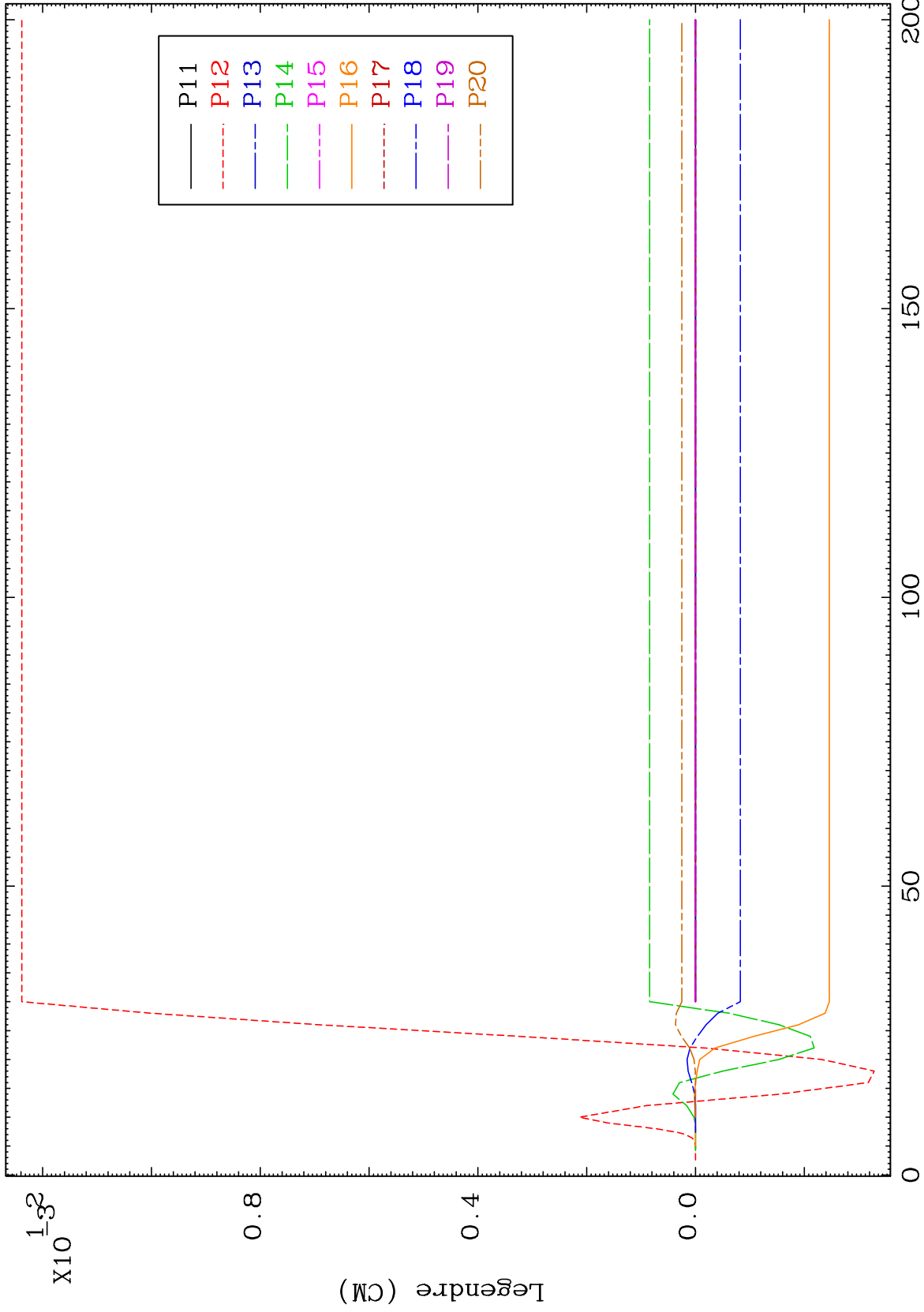


MAT 8616

MT= 55 (n,n') Level

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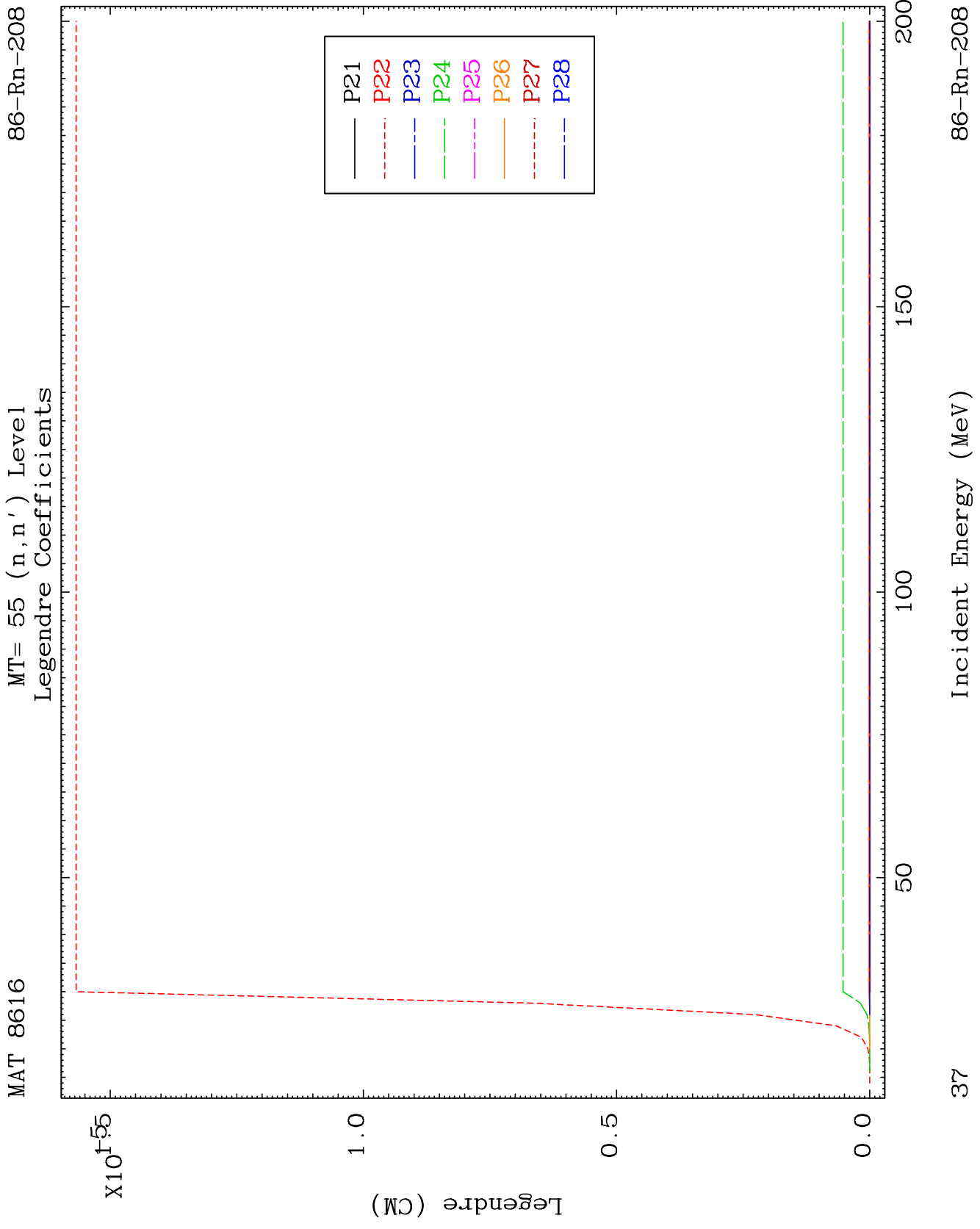
Legendre Coefficients



36

86-Rn-208

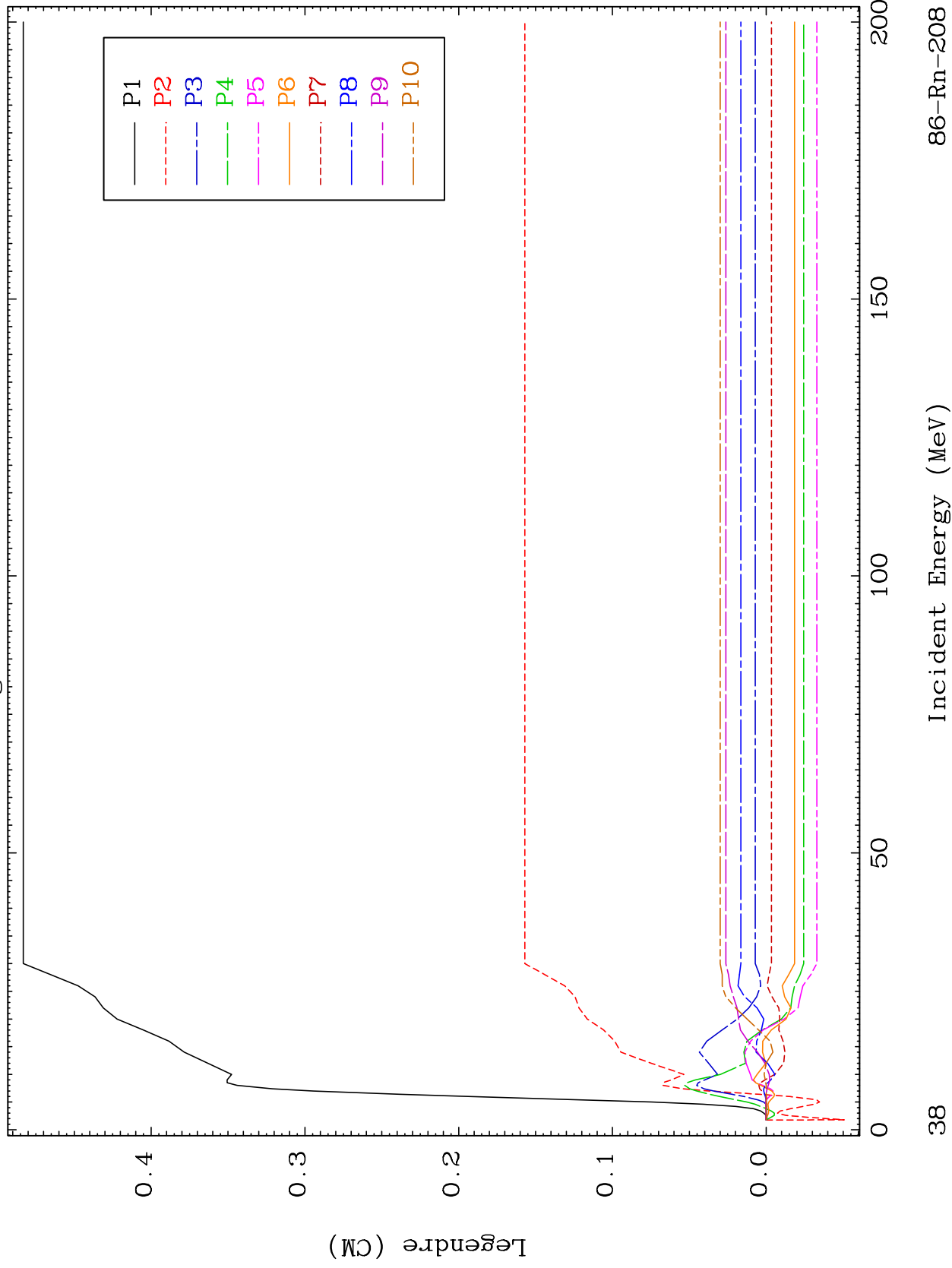
86-Rn-208



MAT 8616

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

86-Rn-208



86-Rn-208

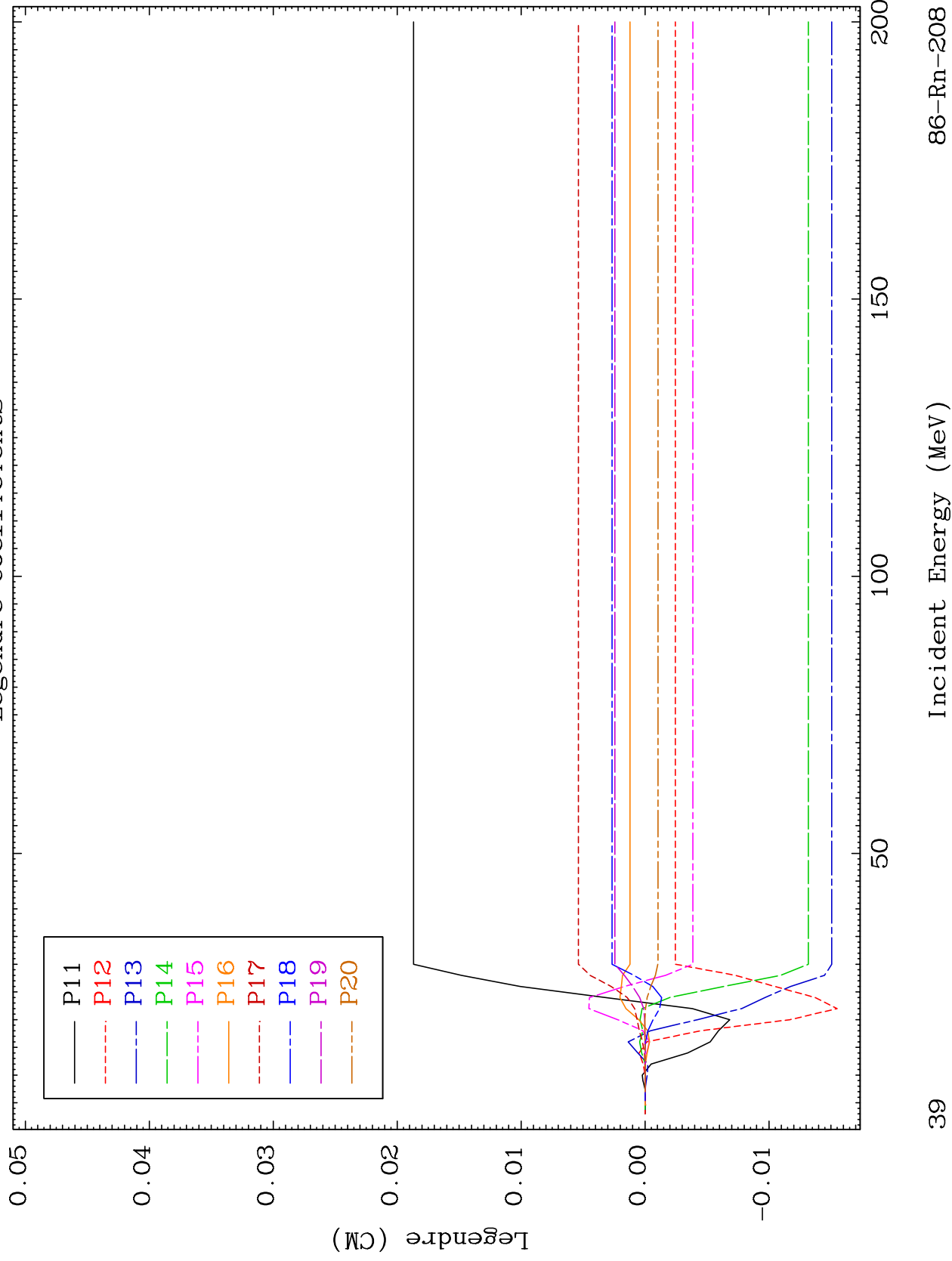
Incident Energy (MeV)

38

MAT 8616

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

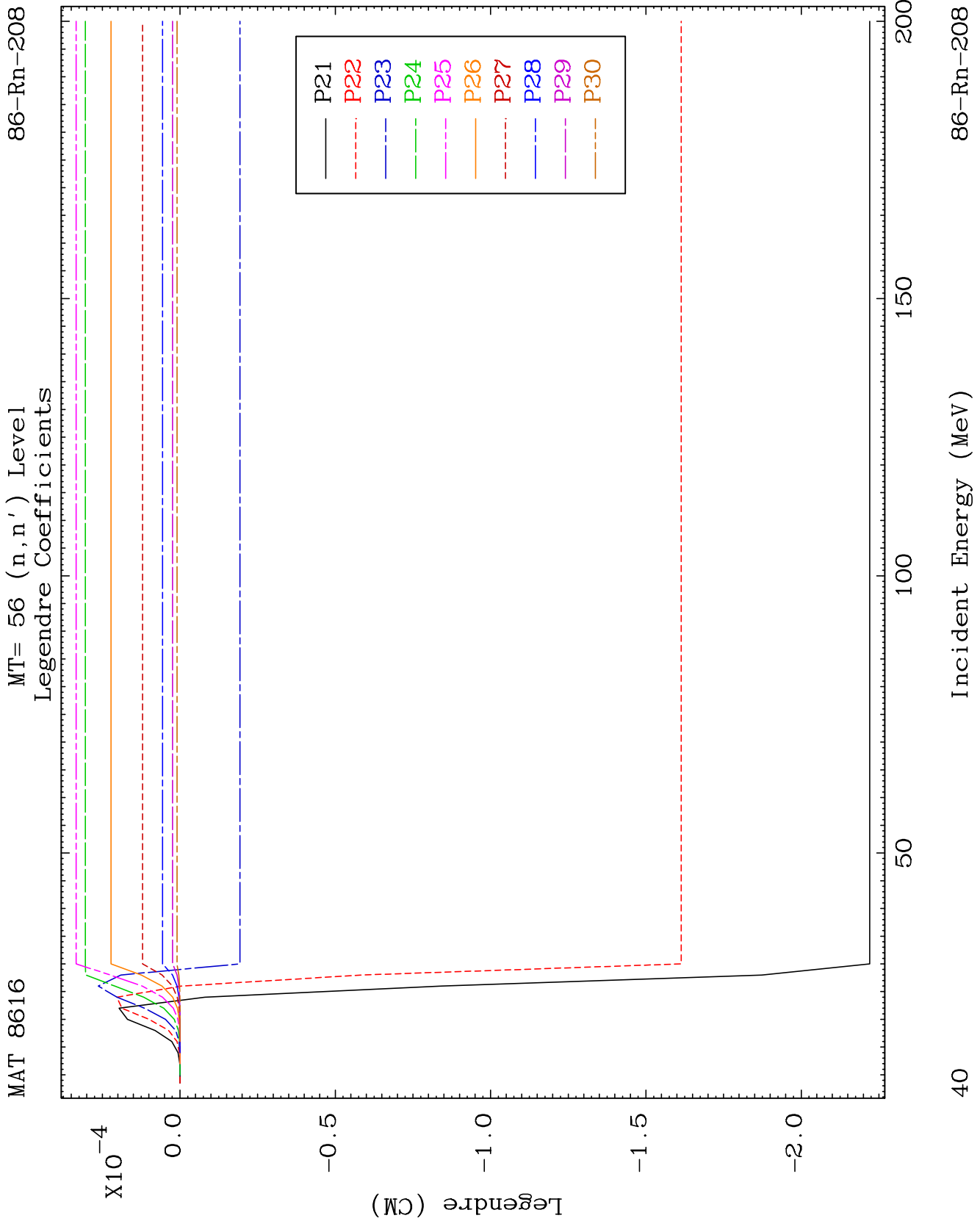
86-Rn-208



39

Incident Energy (MeV)

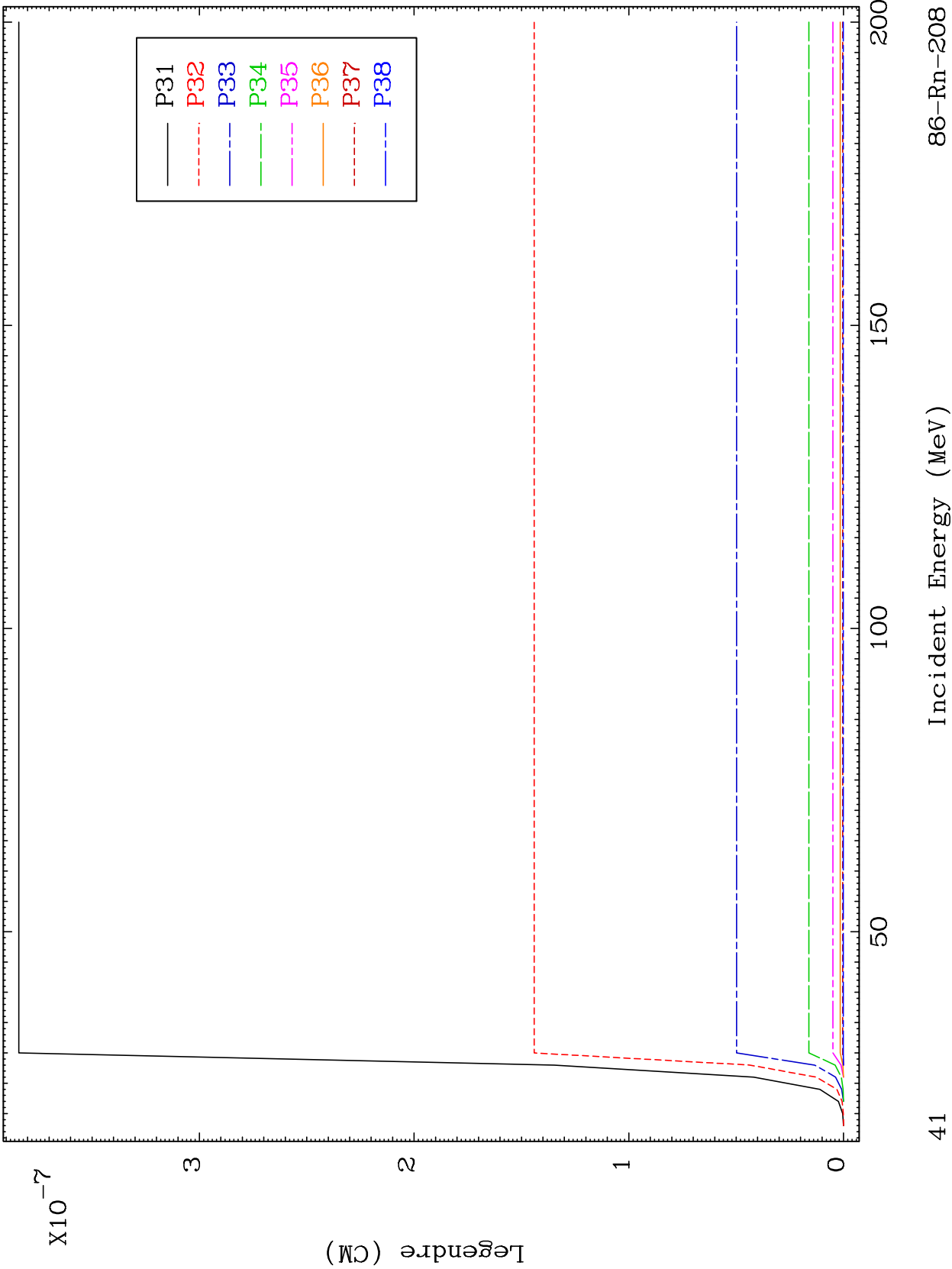
86-Rn-208



MAT 8616

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

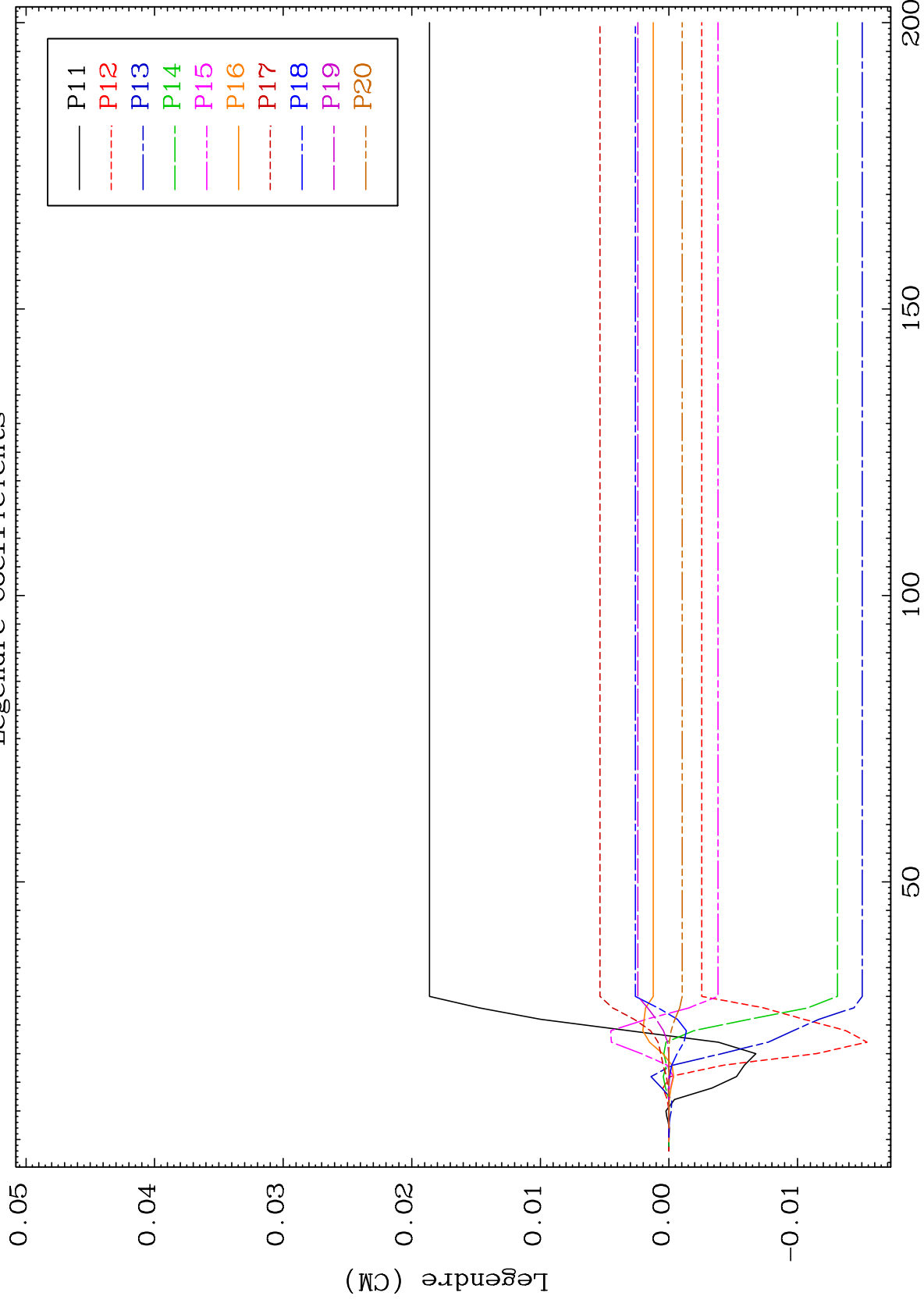
86-Rn-208



MAT 8616

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

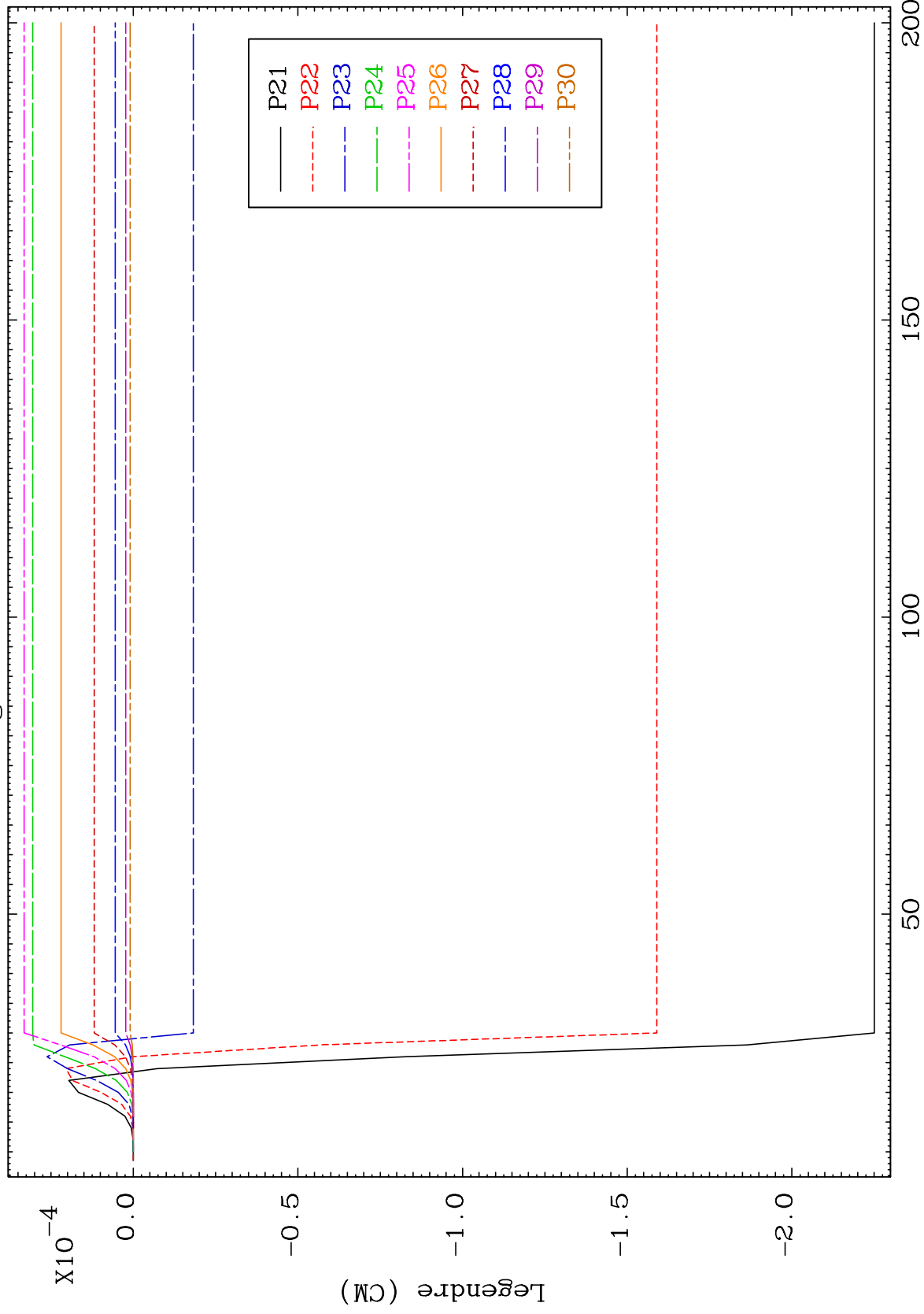
86-Rn-208



MAT 8616

86-Rn-208

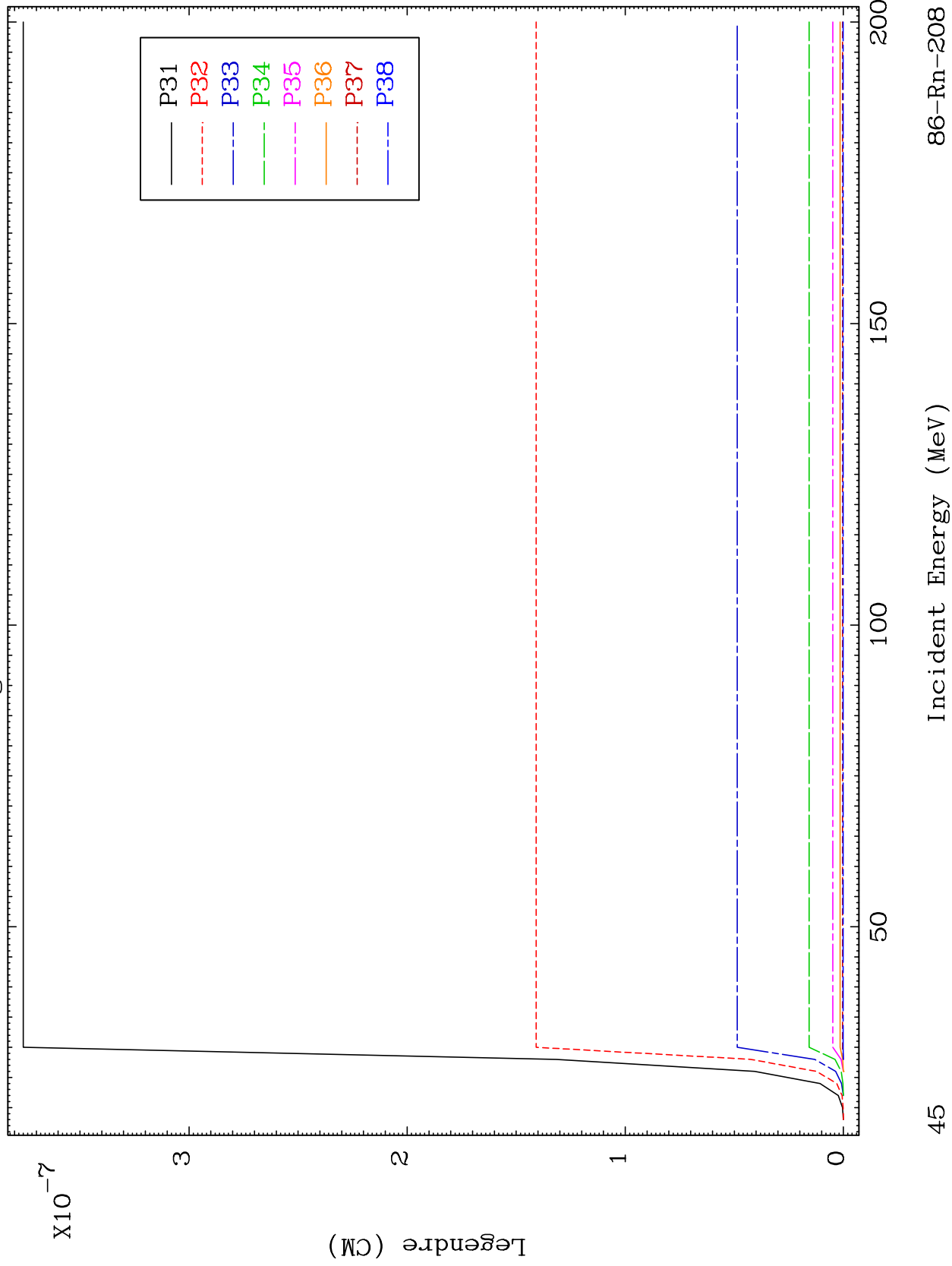
MT= 57 (n,n') Level
Legendre Coefficients



MAT 8616

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

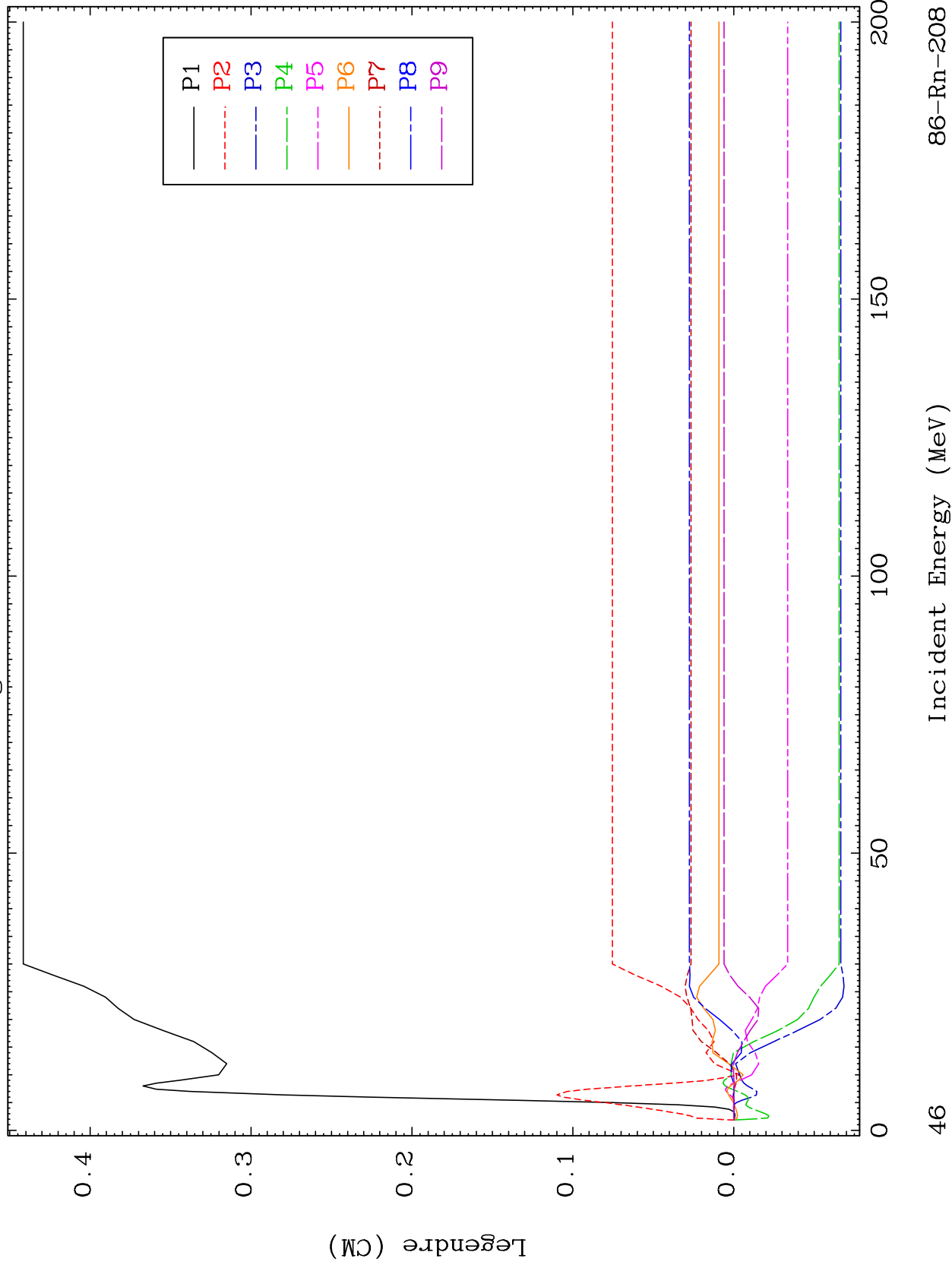
86-Rn-208



MAT 8616

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

86-Rn-208



86-Rn-208

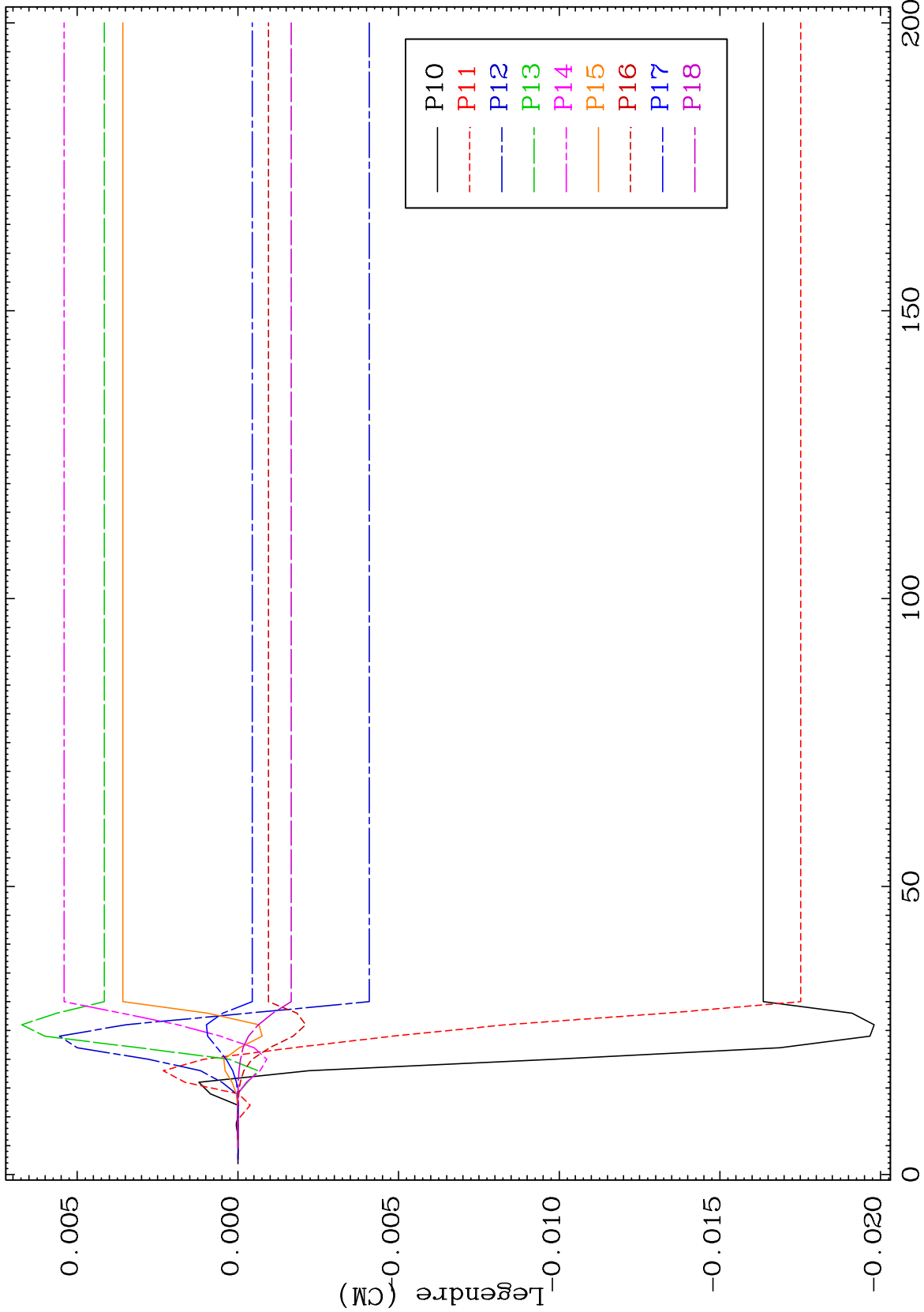
Incident Energy (MeV)

46

MAT 8616

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

86-Rn-208



47

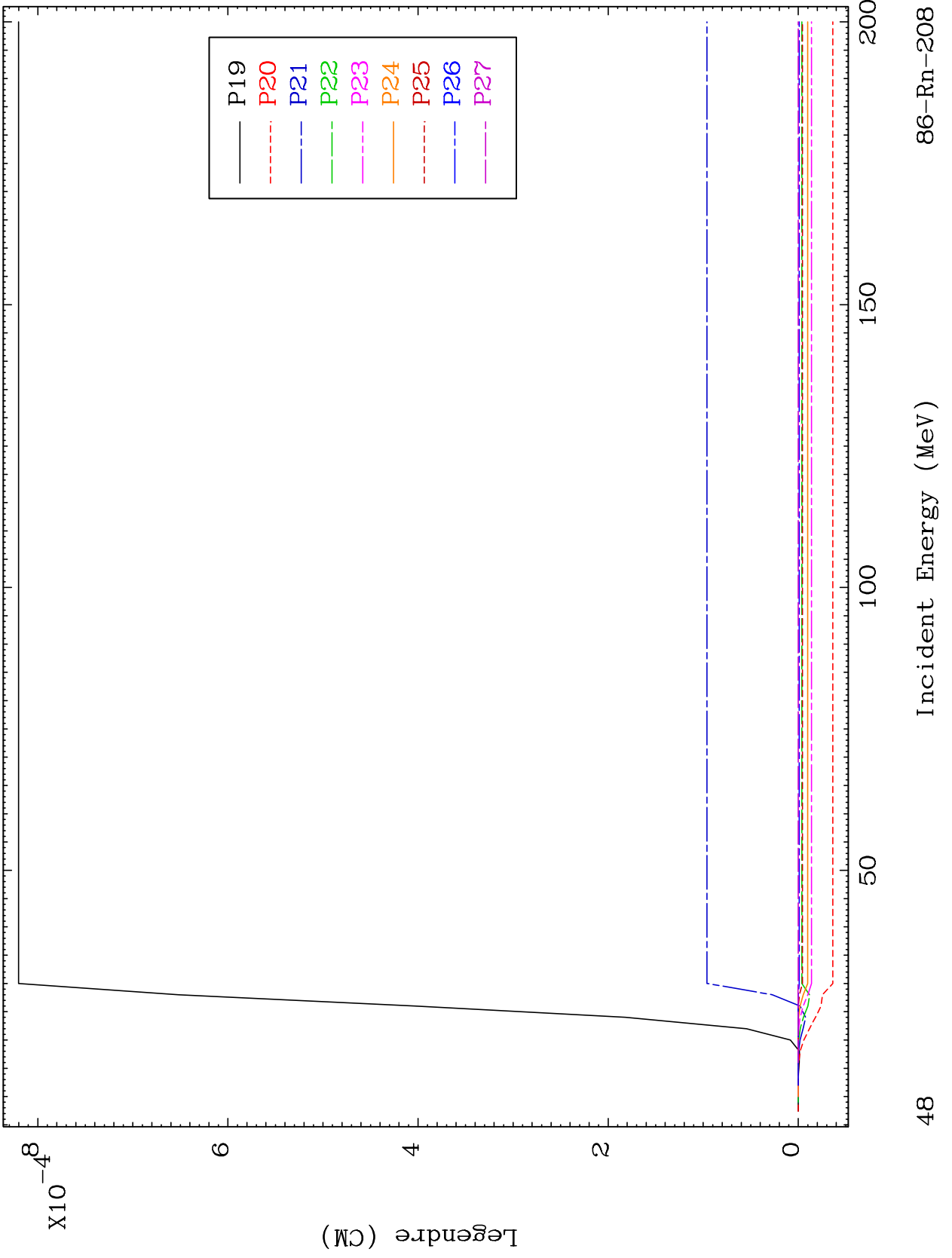
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

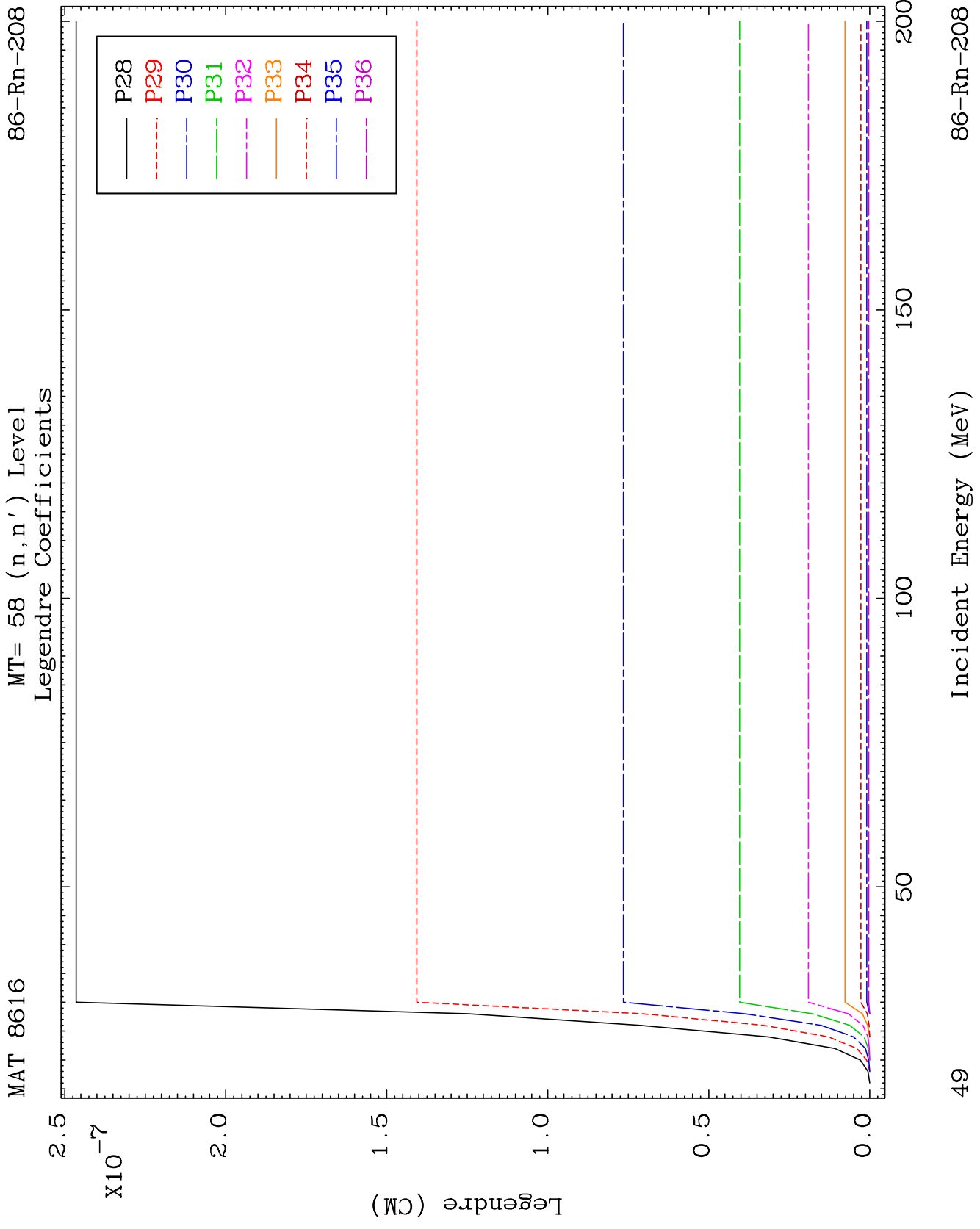
86-Rn-208



48

Incident Energy (MeV)

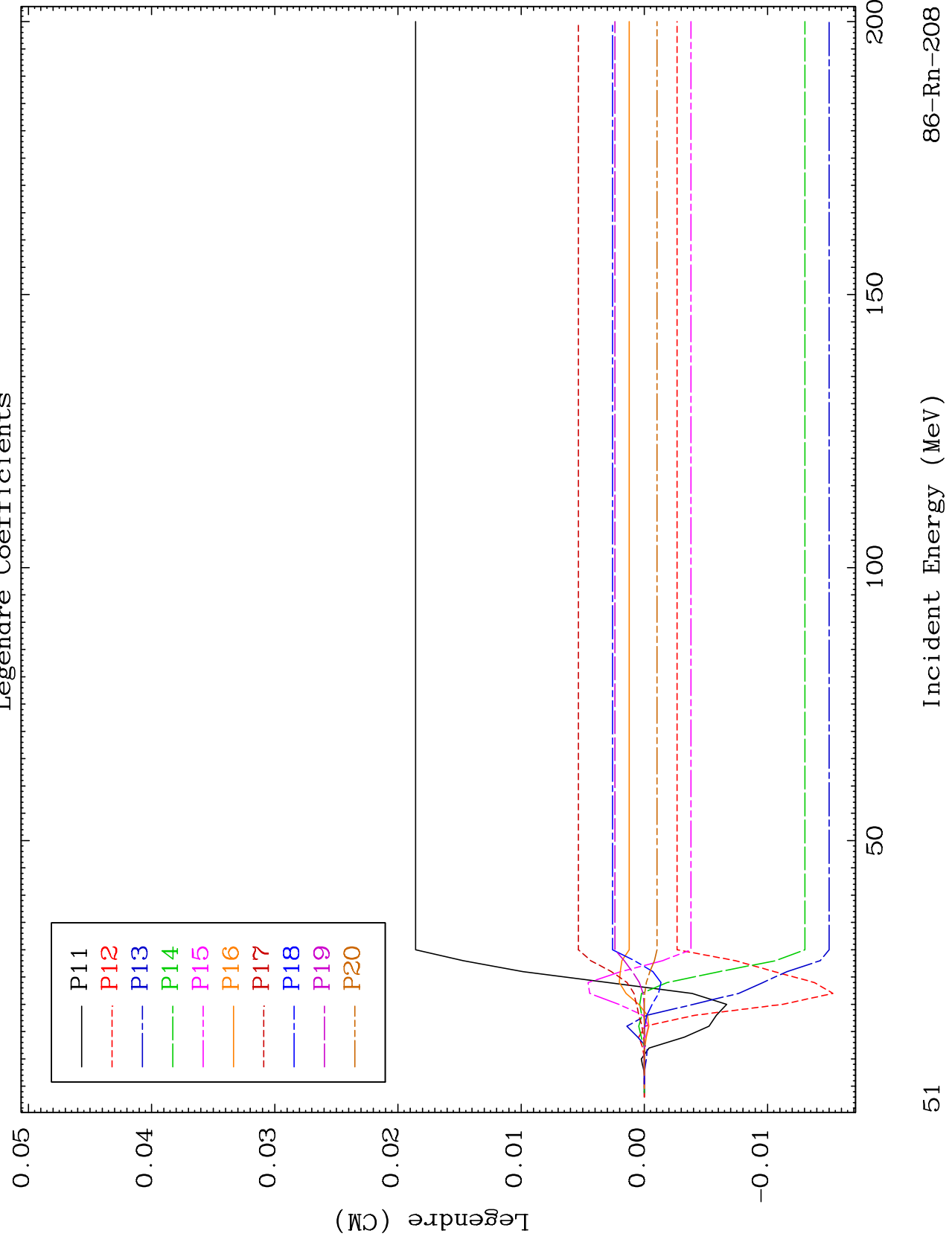
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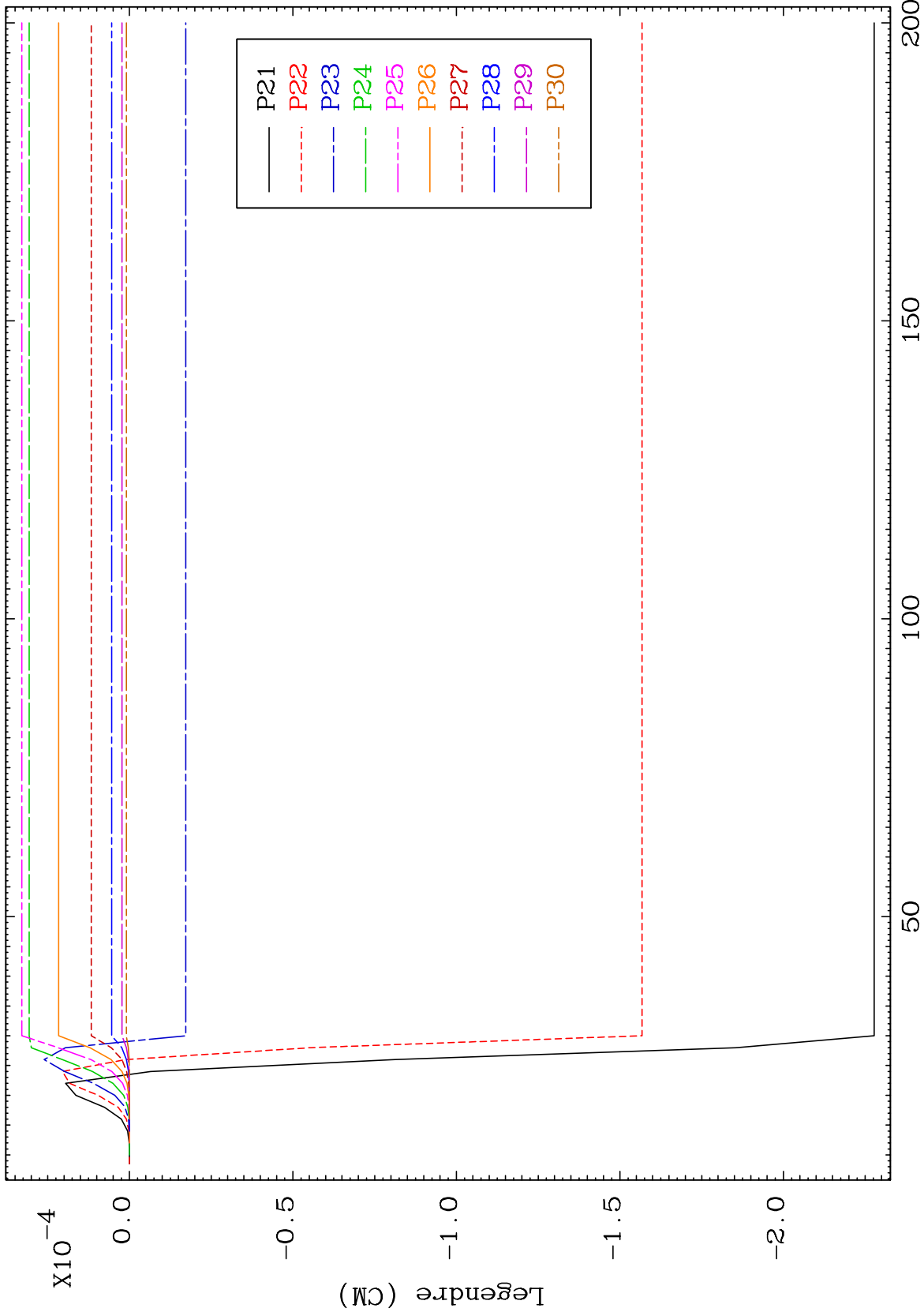


MAT 8616

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

86-Rn-208

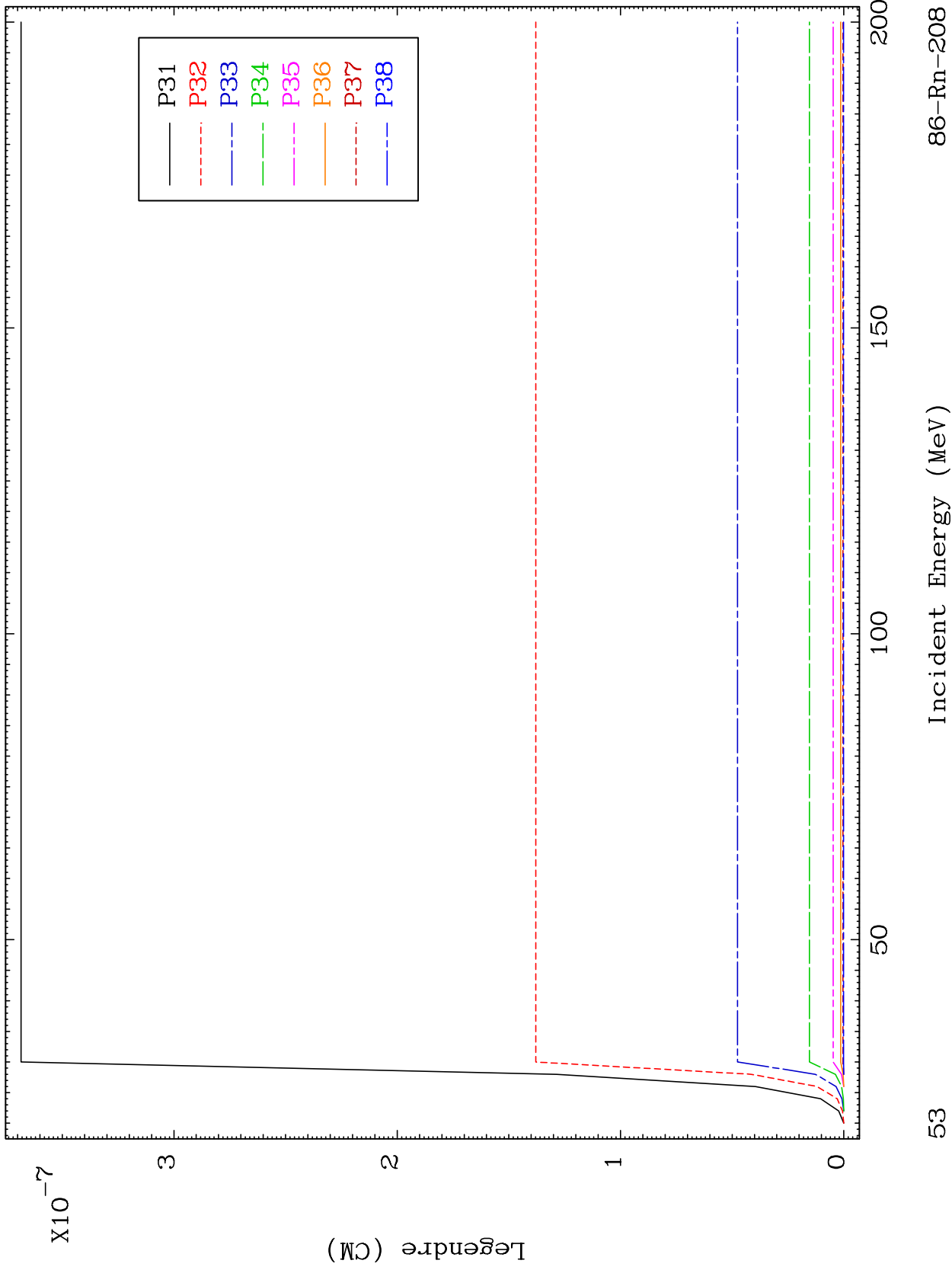




MAT 8616

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

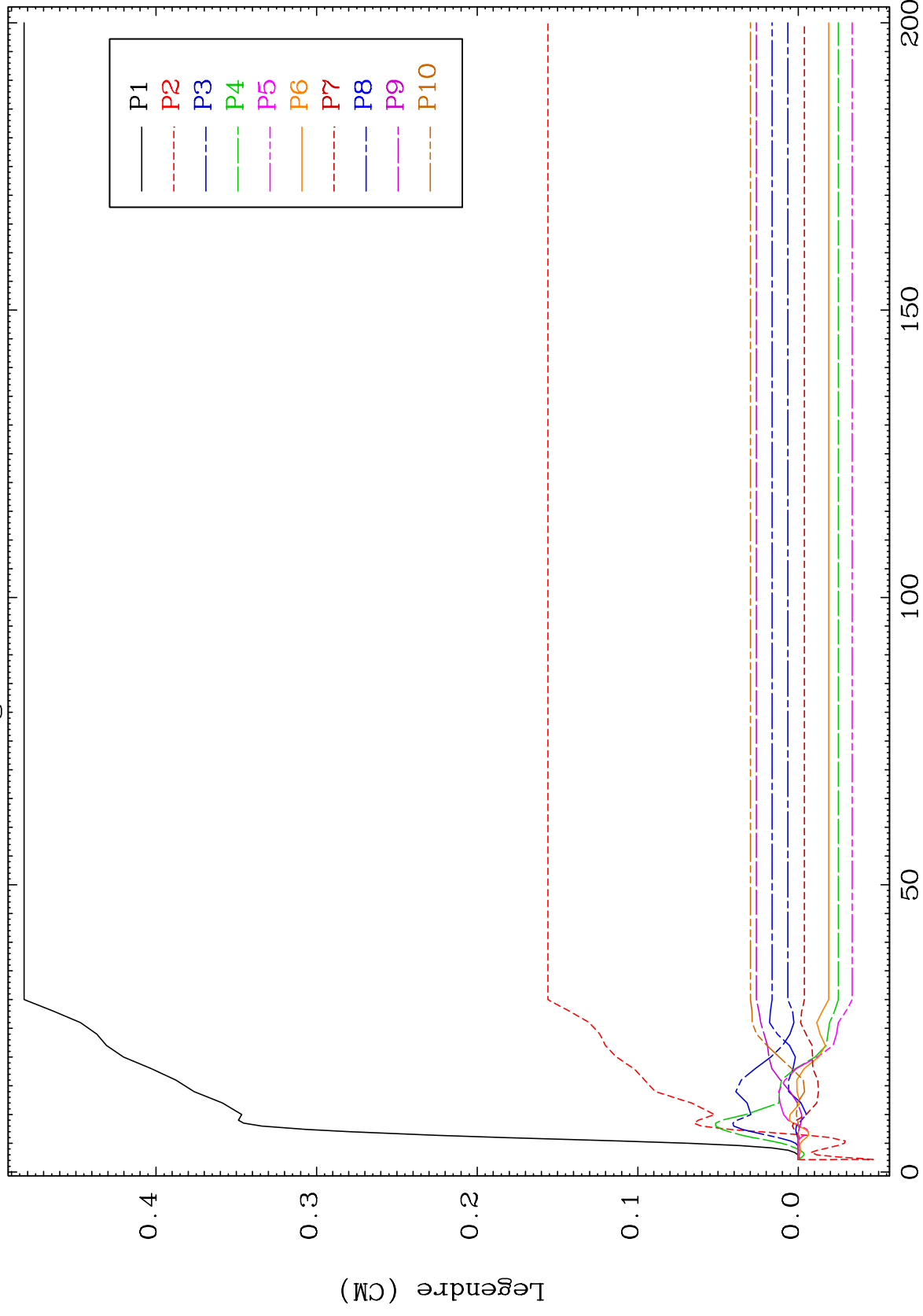
86-Rn-208



MAT 8616

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

86-Rn-208



54

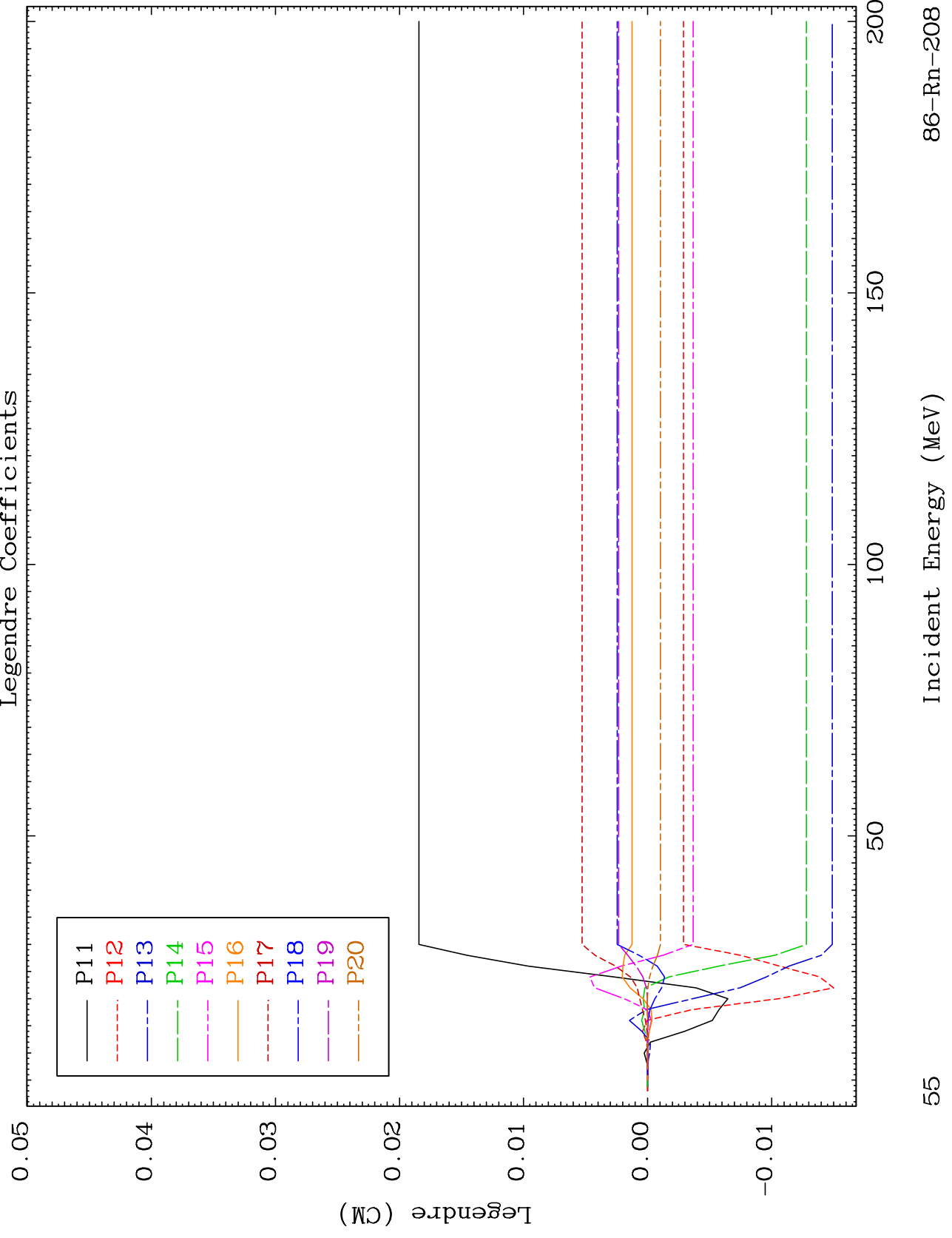
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

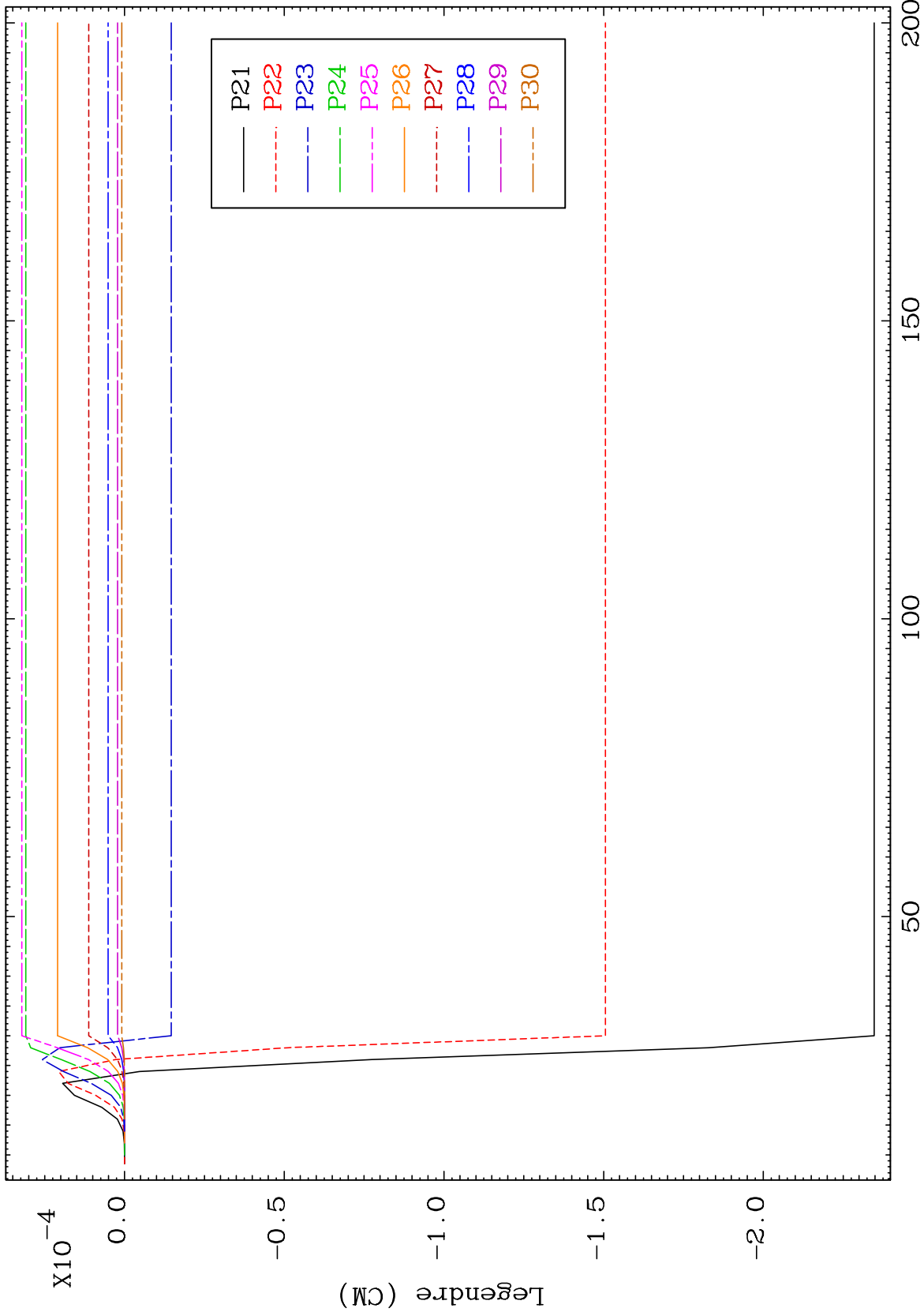
86-Rn-208



55

Incident Energy (MeV)

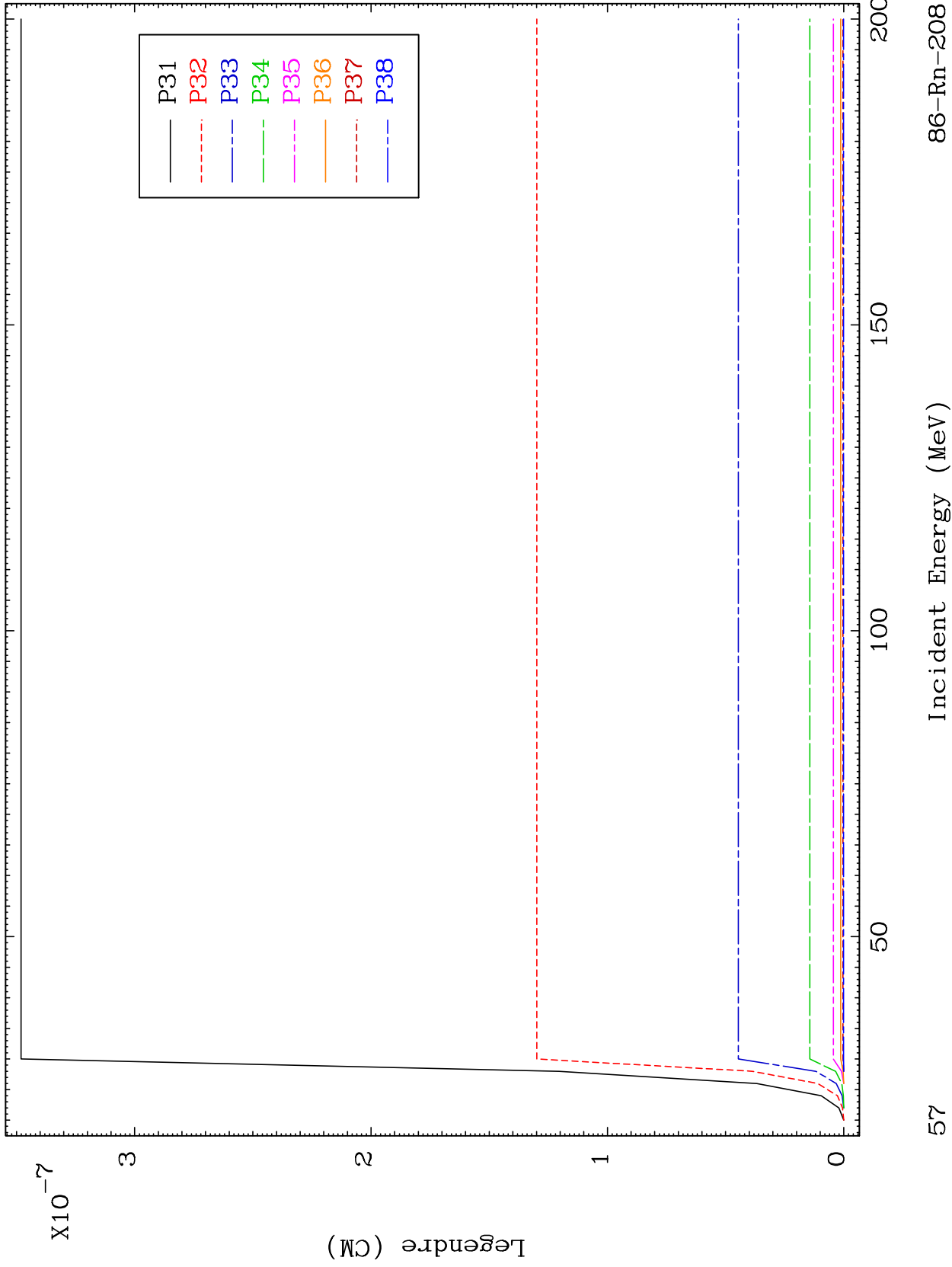
86-Rn-208



MAT 8616

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

86-Rn-208



57

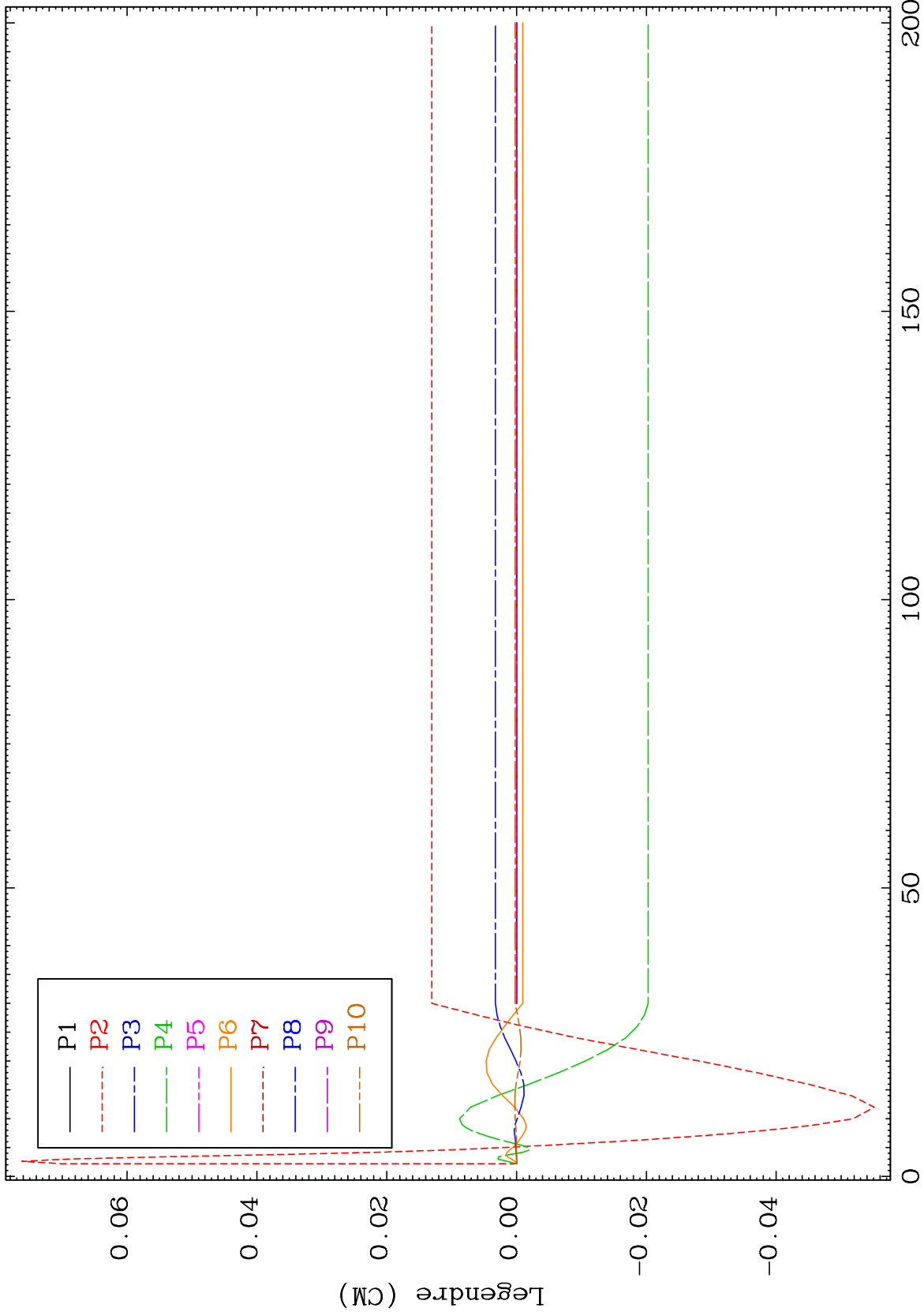
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



86-Rn-208

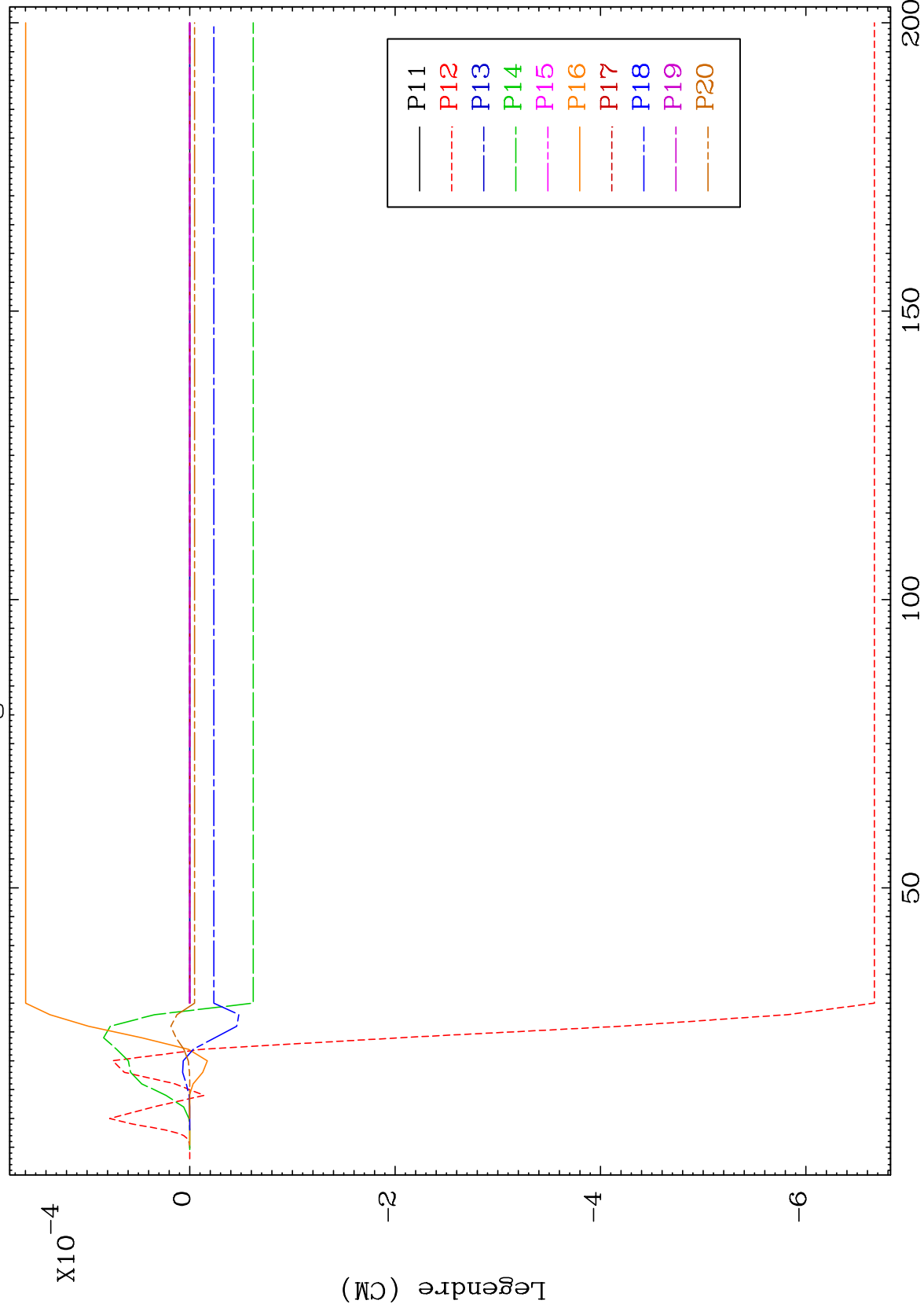
Incident Energy (MeV)

58

MAT 8616

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

86-Rn-208



59

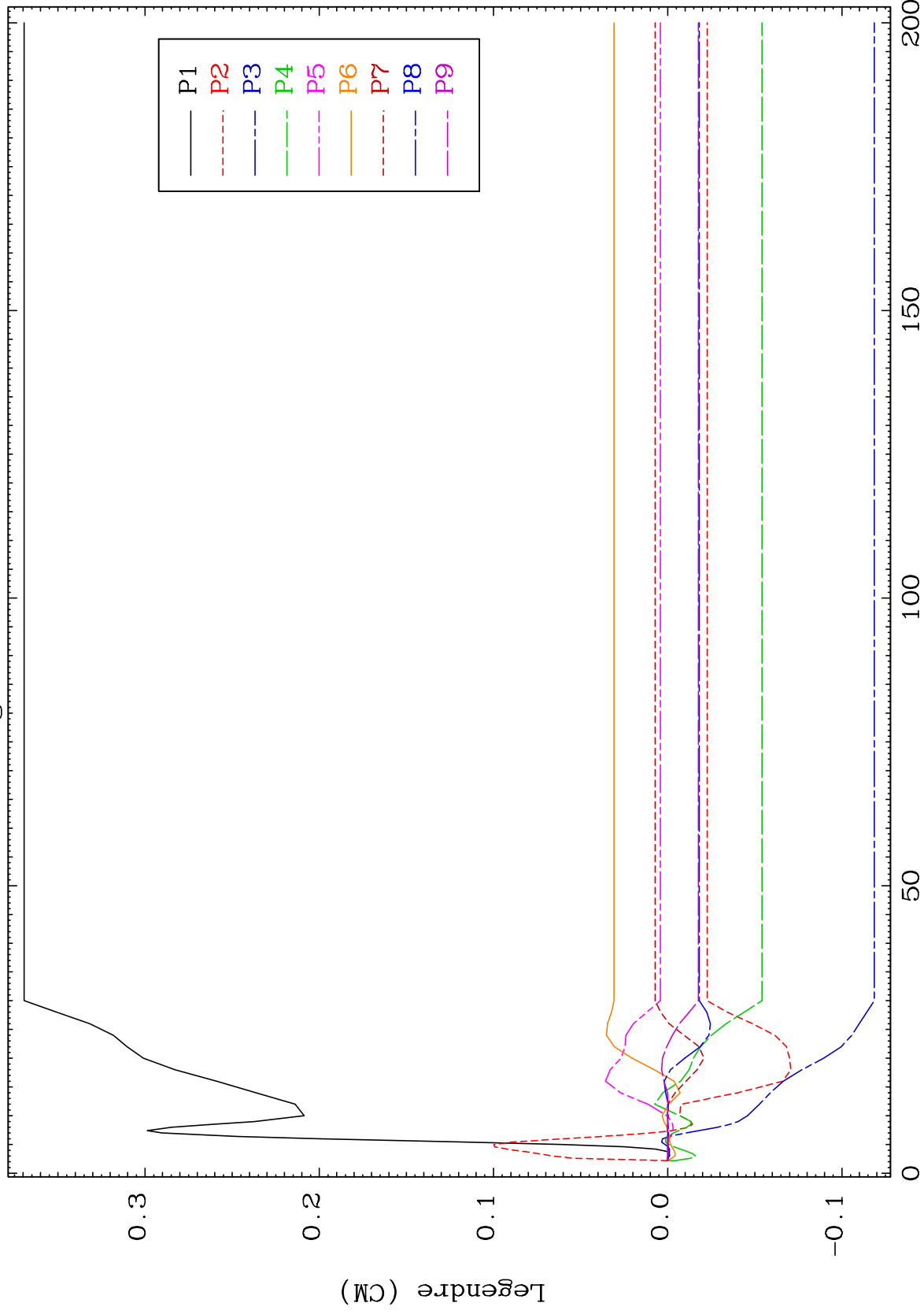
86-Rn-208

86-Rn-208

MAT 8616

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

86-Rn-208



61

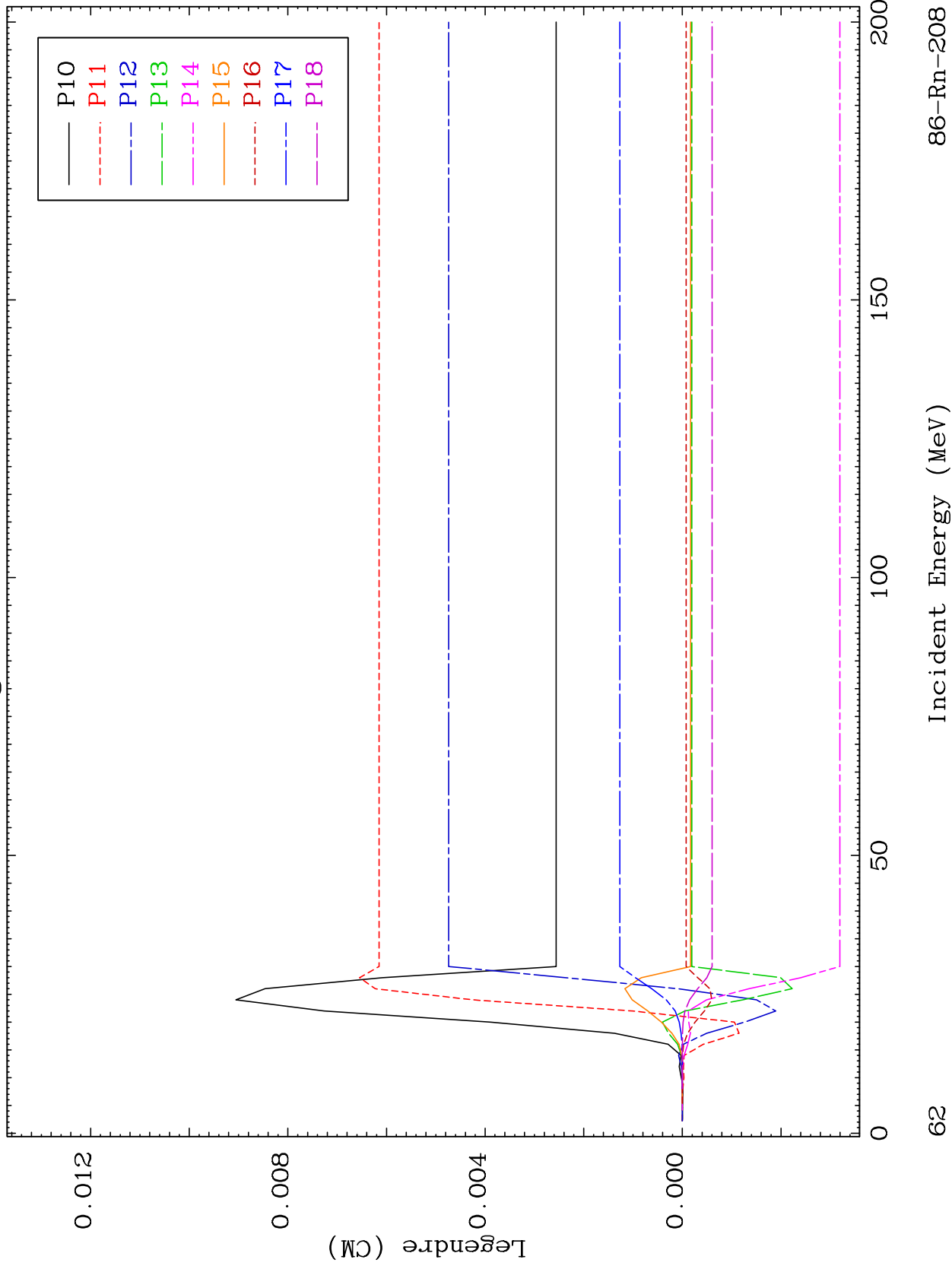
Incident Energy (MeV)

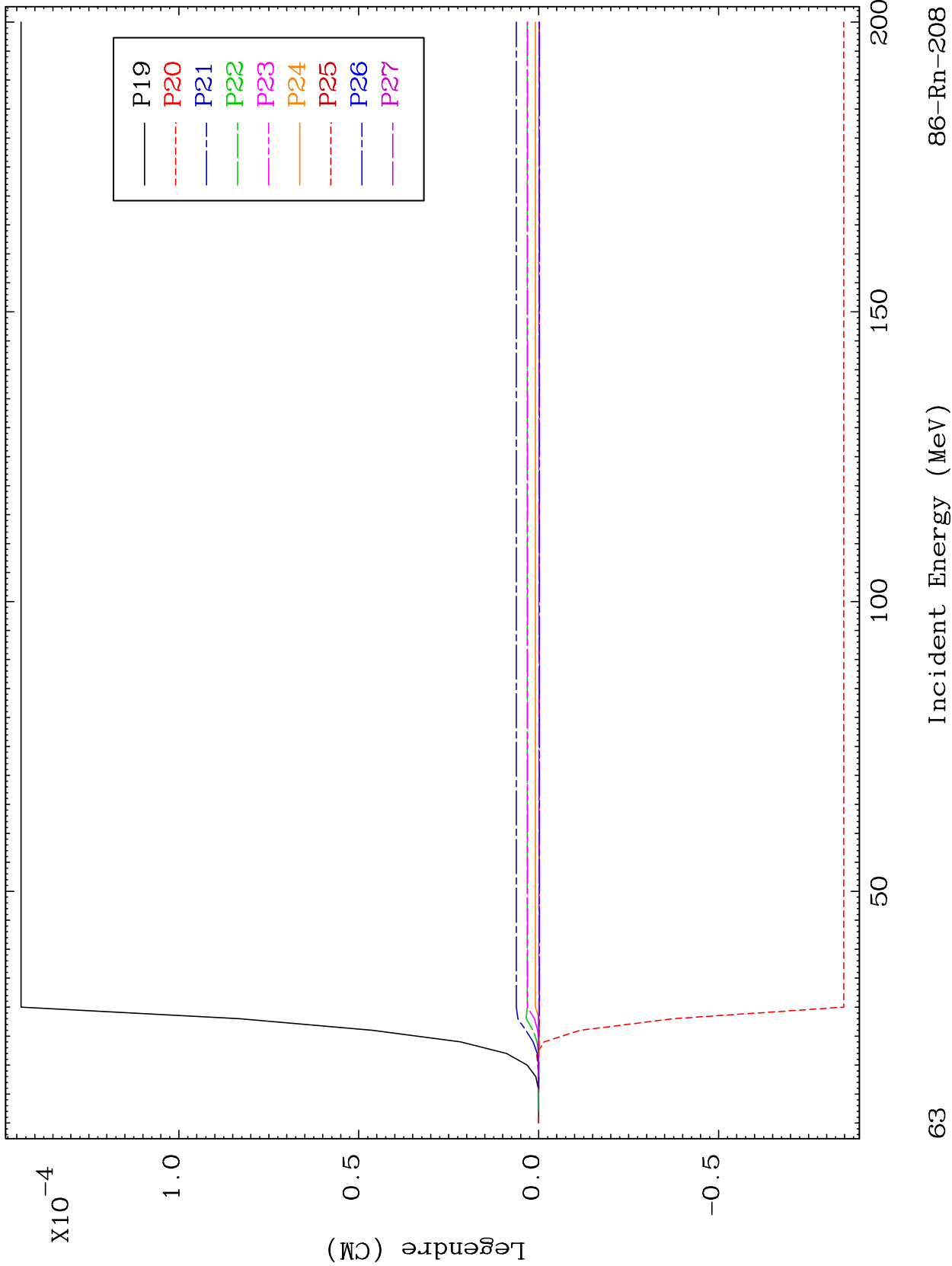
86-Rn-208

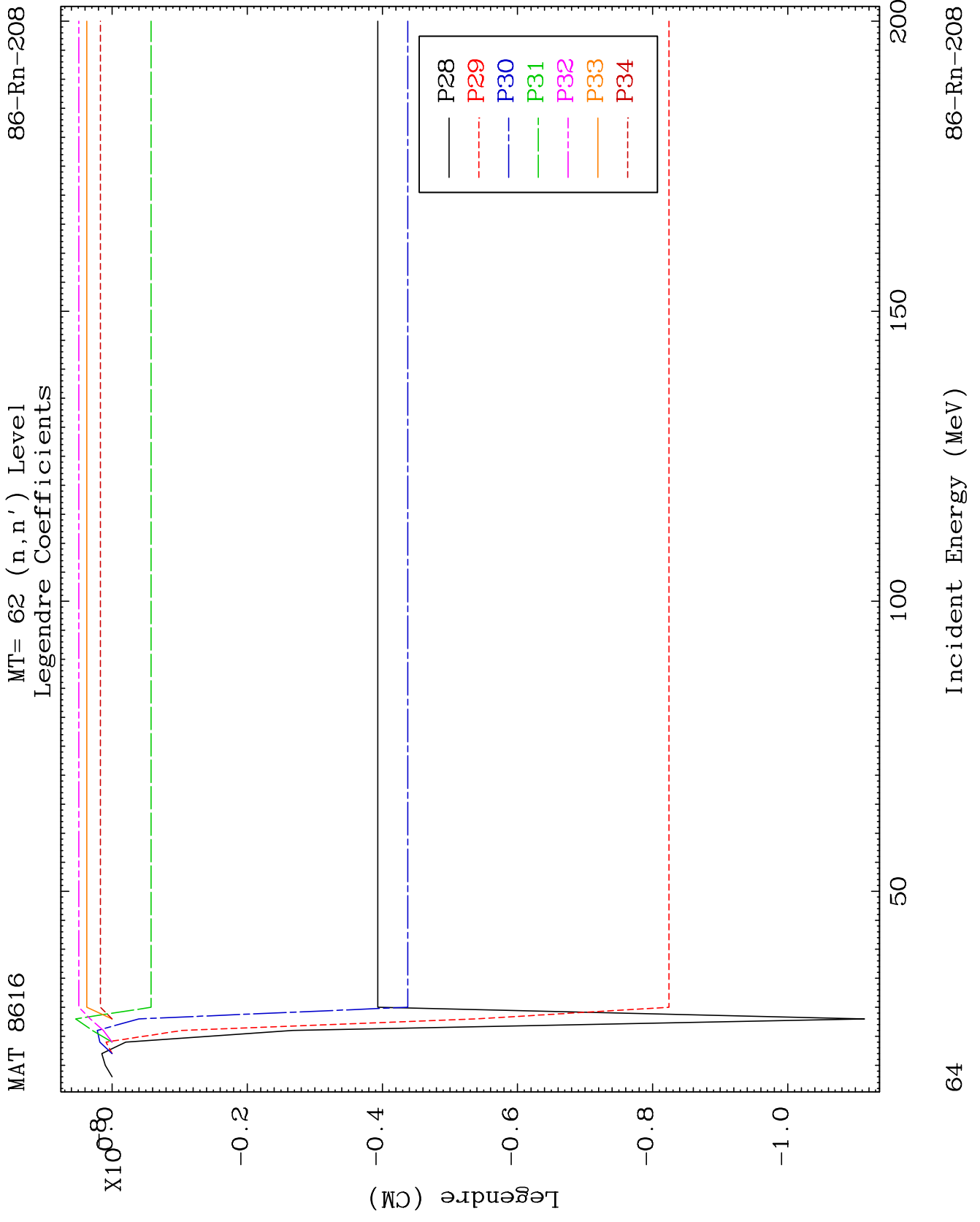
MAT 8616

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

86-Rn-208



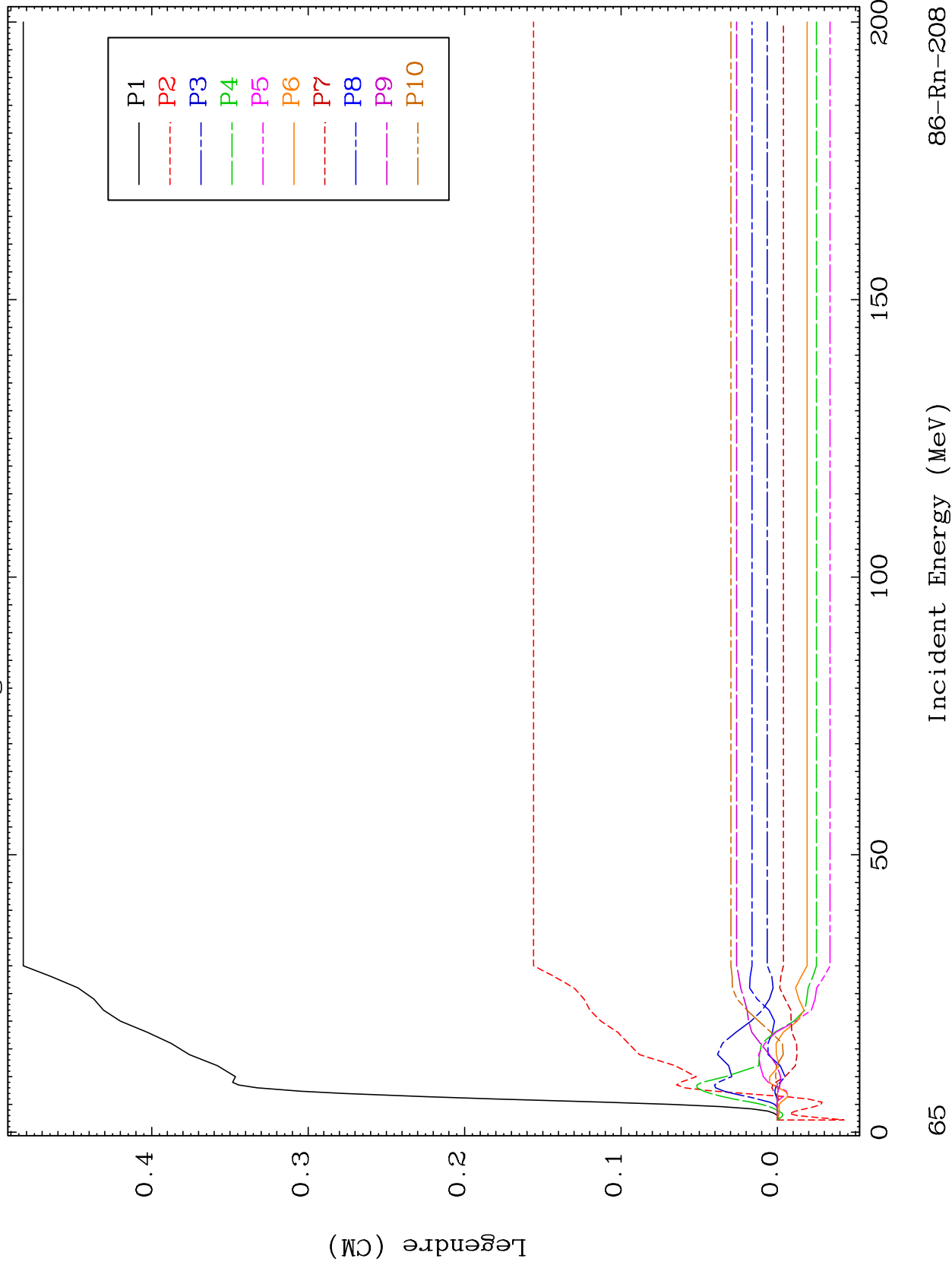




MAT 8616

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

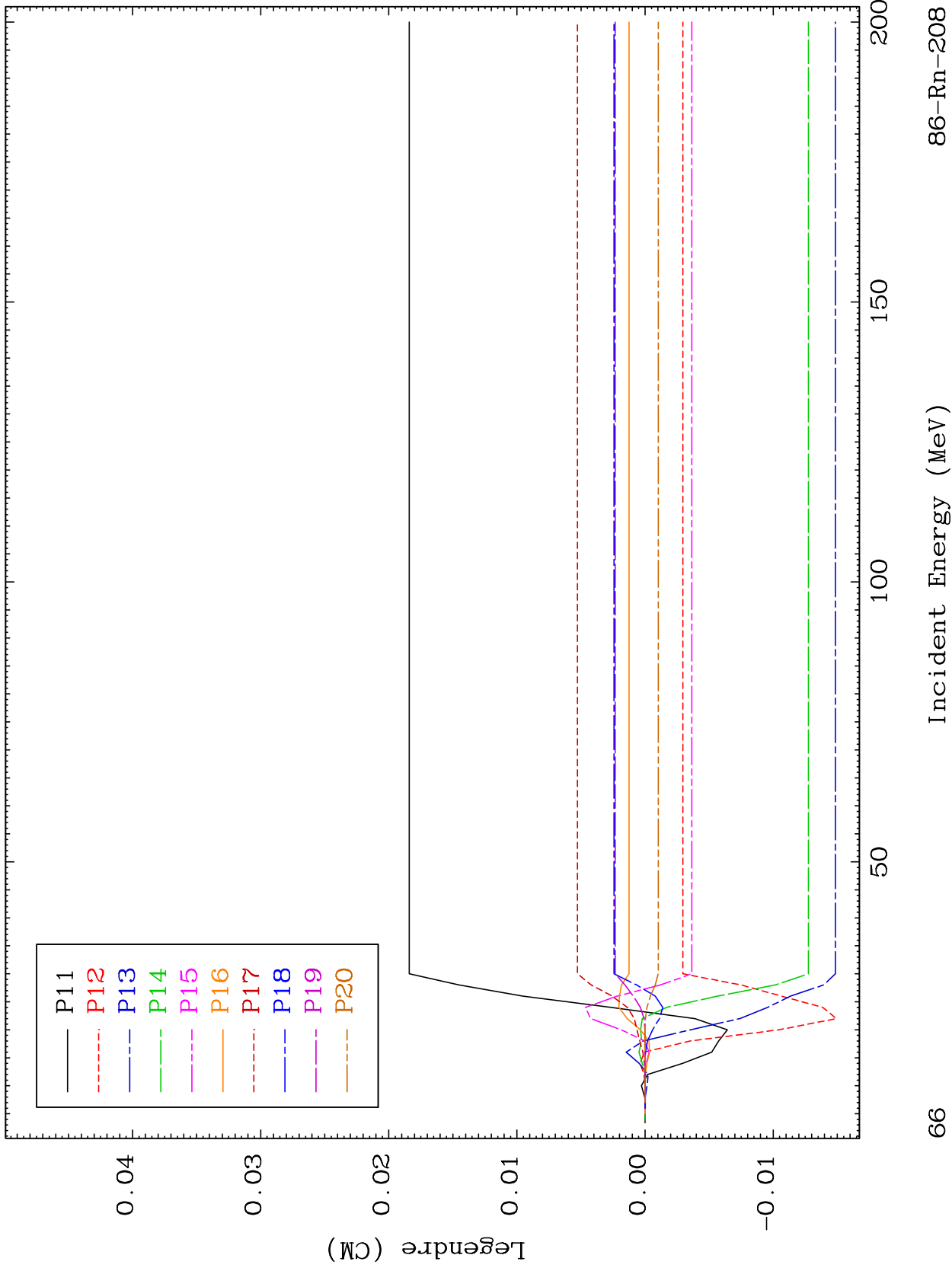
86-Rn-208



86-Rn-208

Incident Energy (MeV)

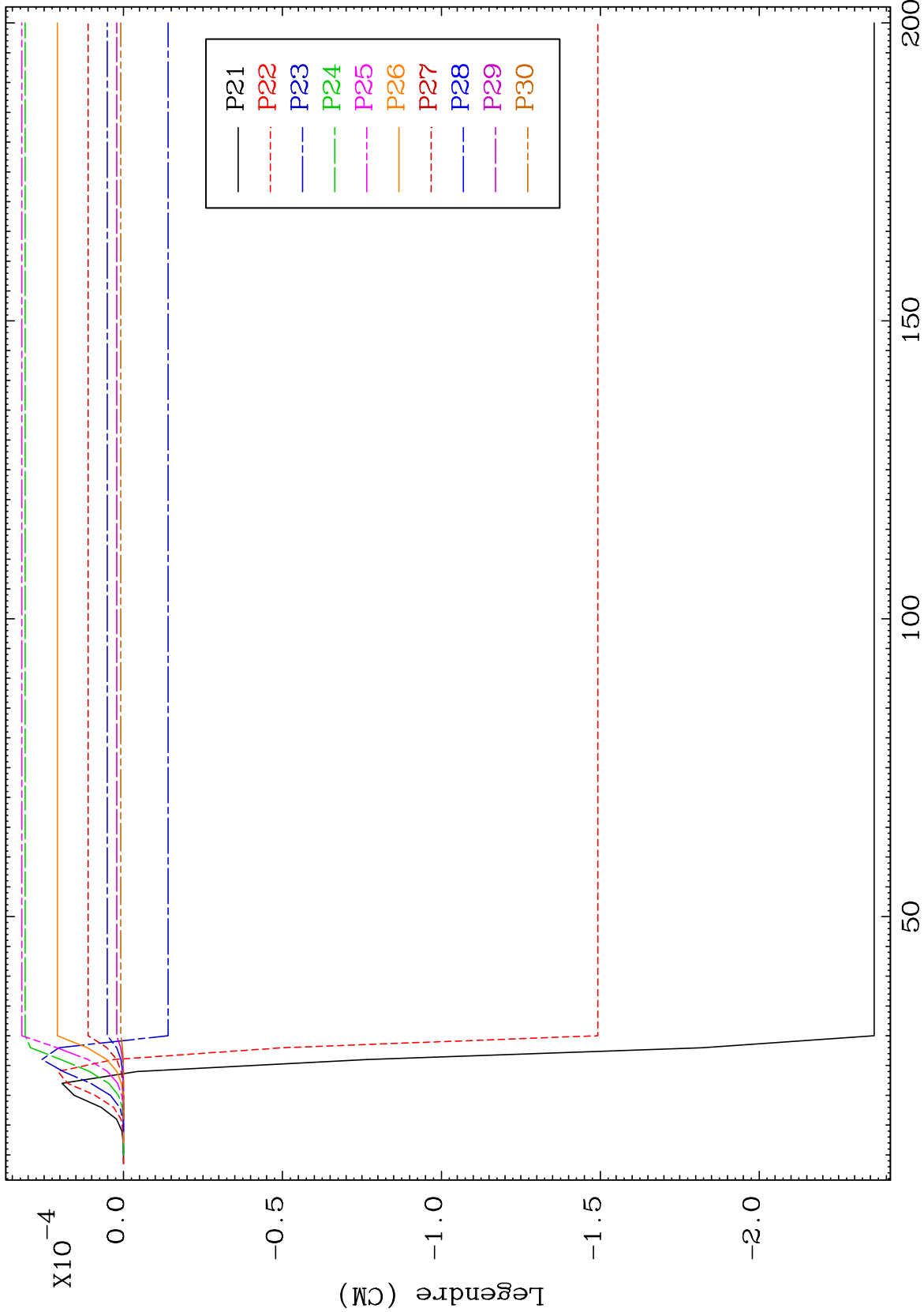
65



MAT 8616

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

86-Rn-208



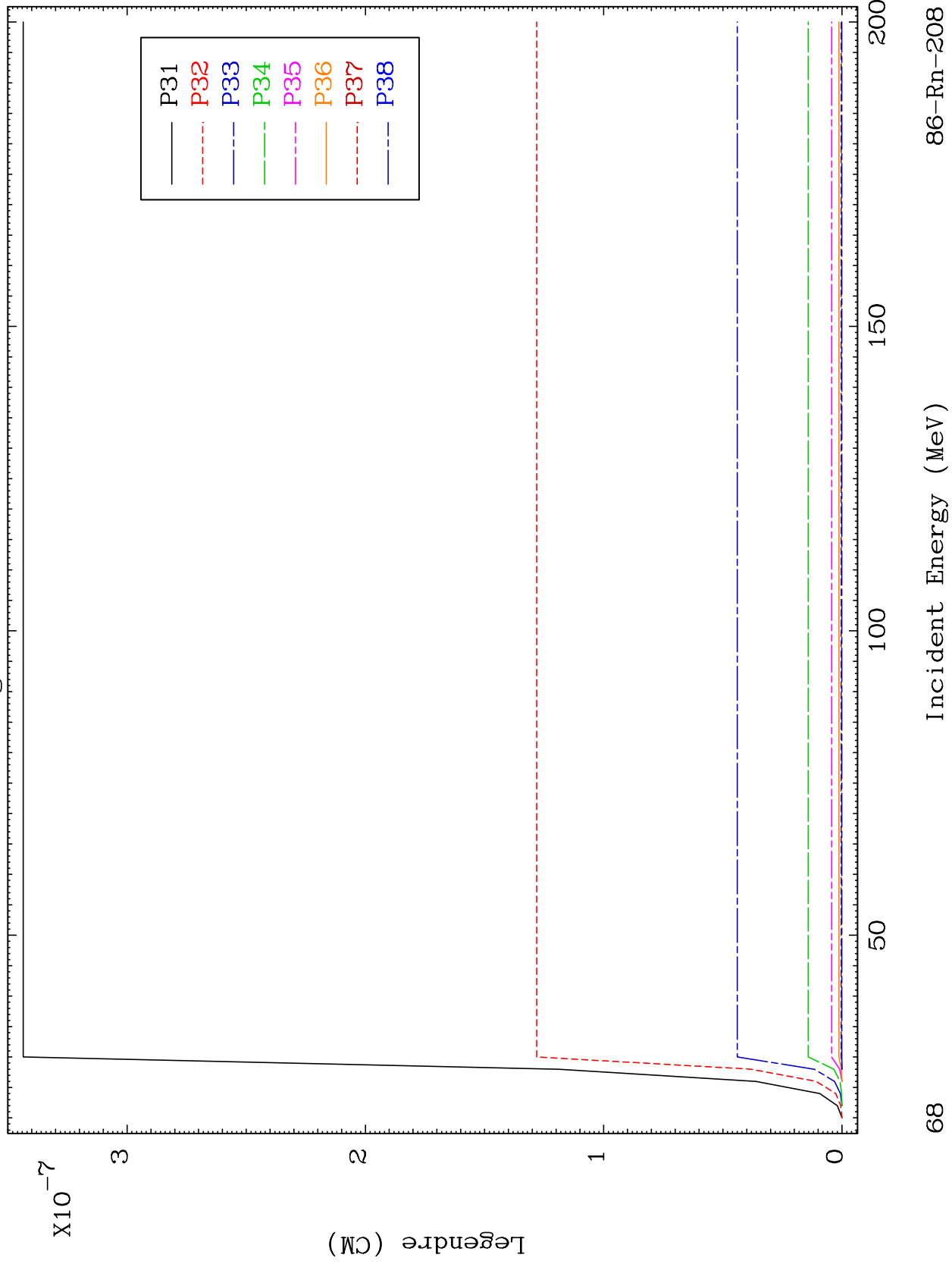
67

86-Rn-208

MAT 8616

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

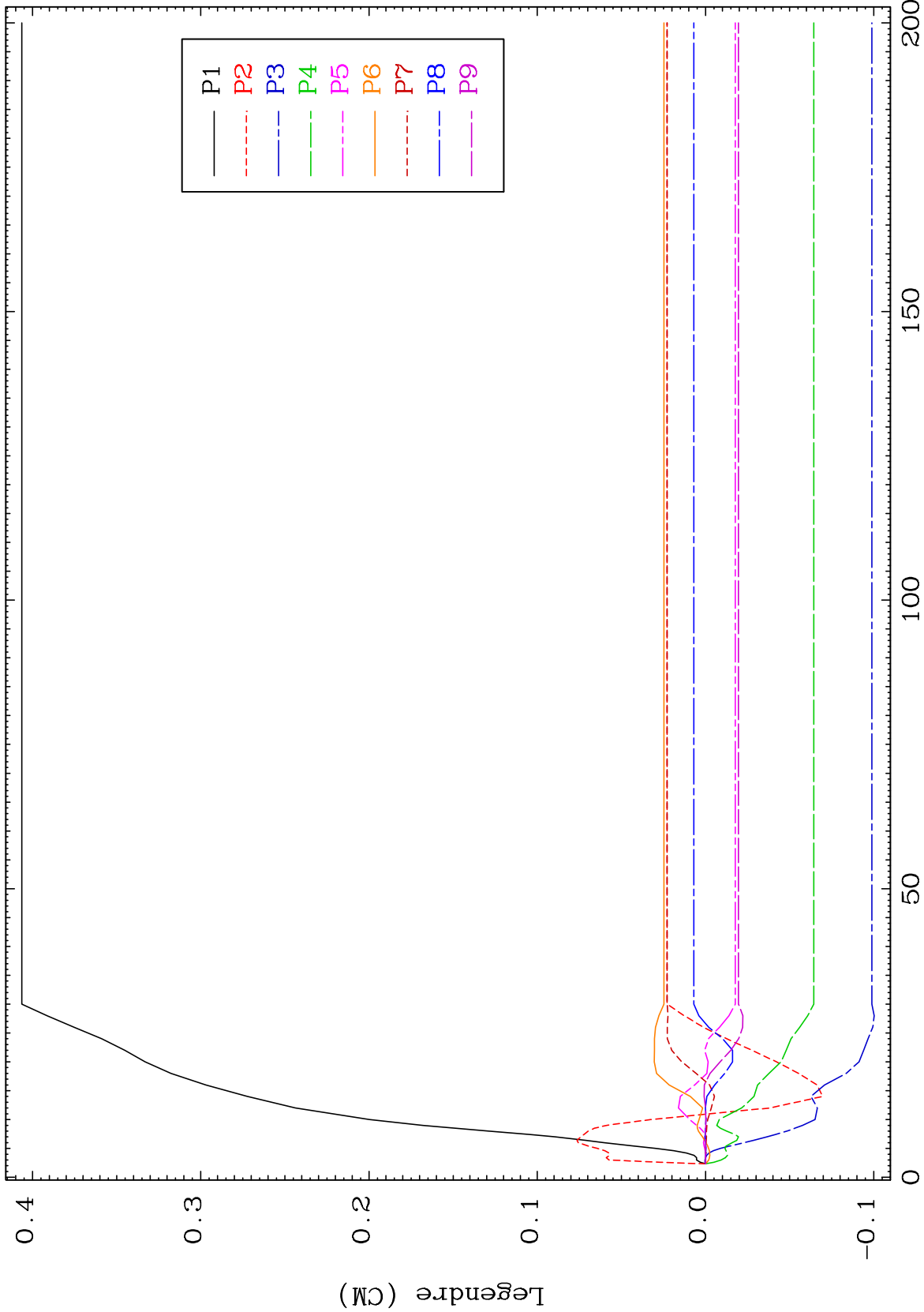
86-Rn-208



MAT 8616

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

86-Rn-208



69

Incident Energy (MeV)

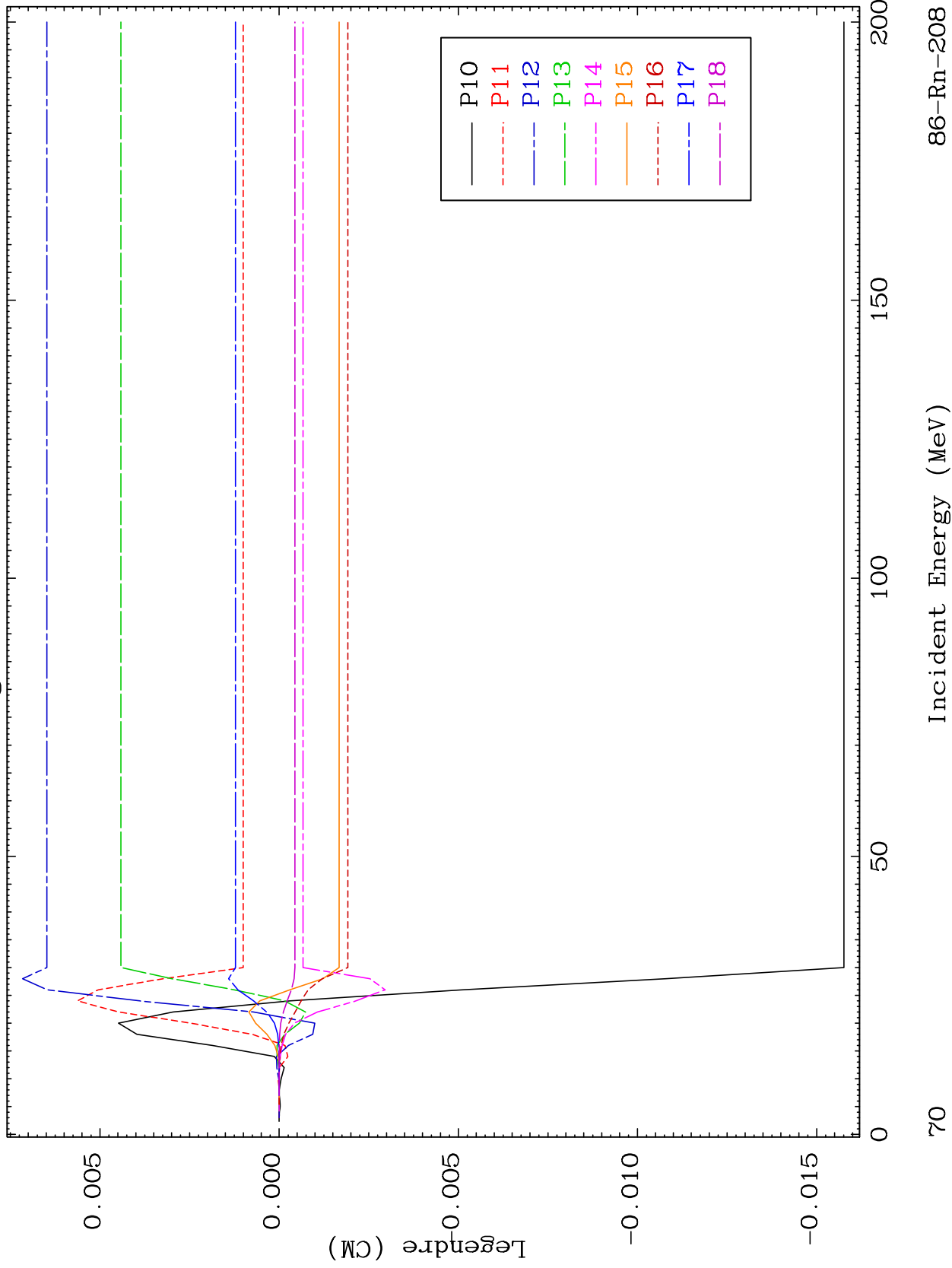
86-Rn-208

MAT 8616

MT= 64 (n,n') Level

86-Rn-208

Legendre Coefficients



86-Rn-208

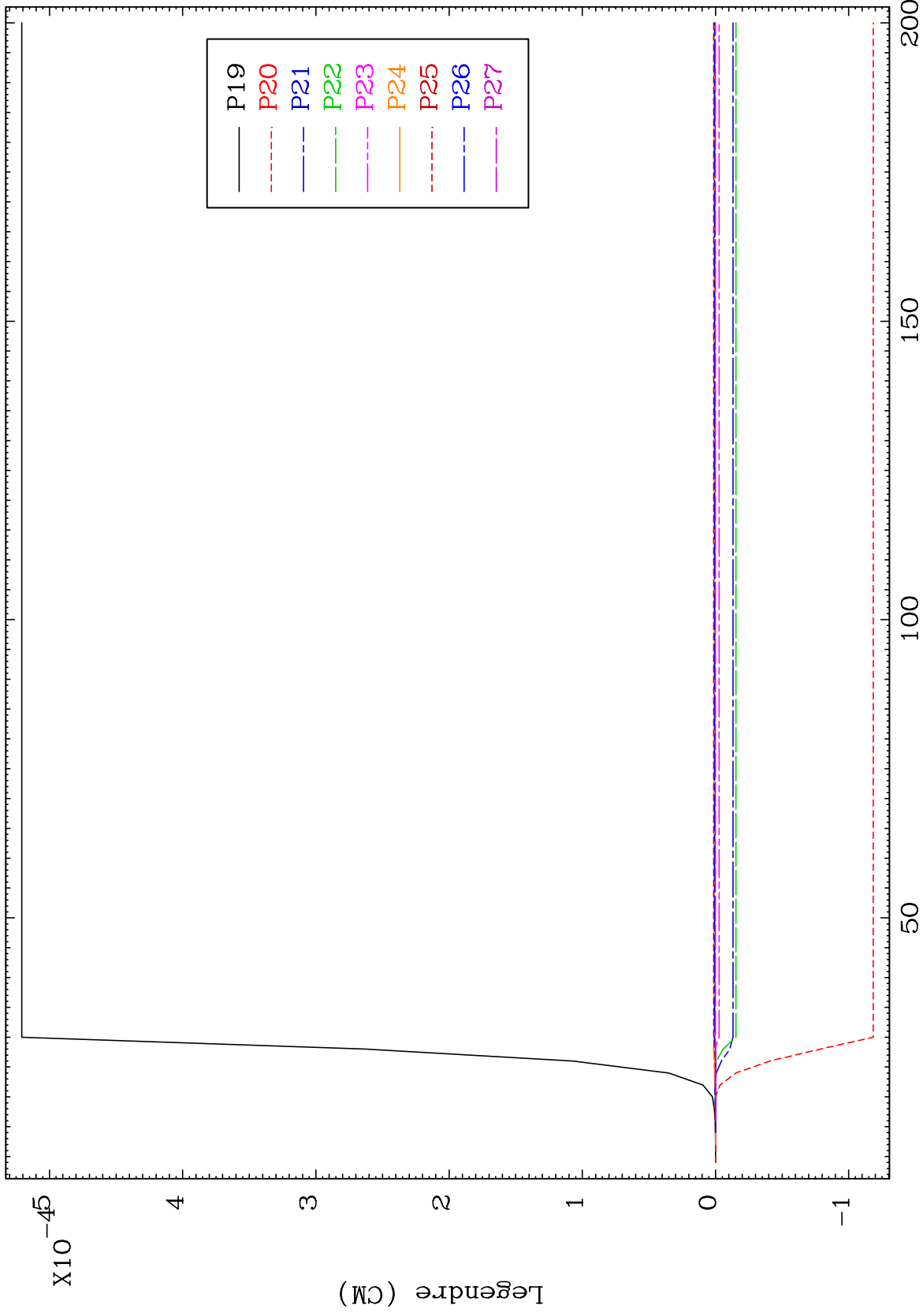
Incident Energy (MeV)

70

MAT 8616

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

86-Rn-208



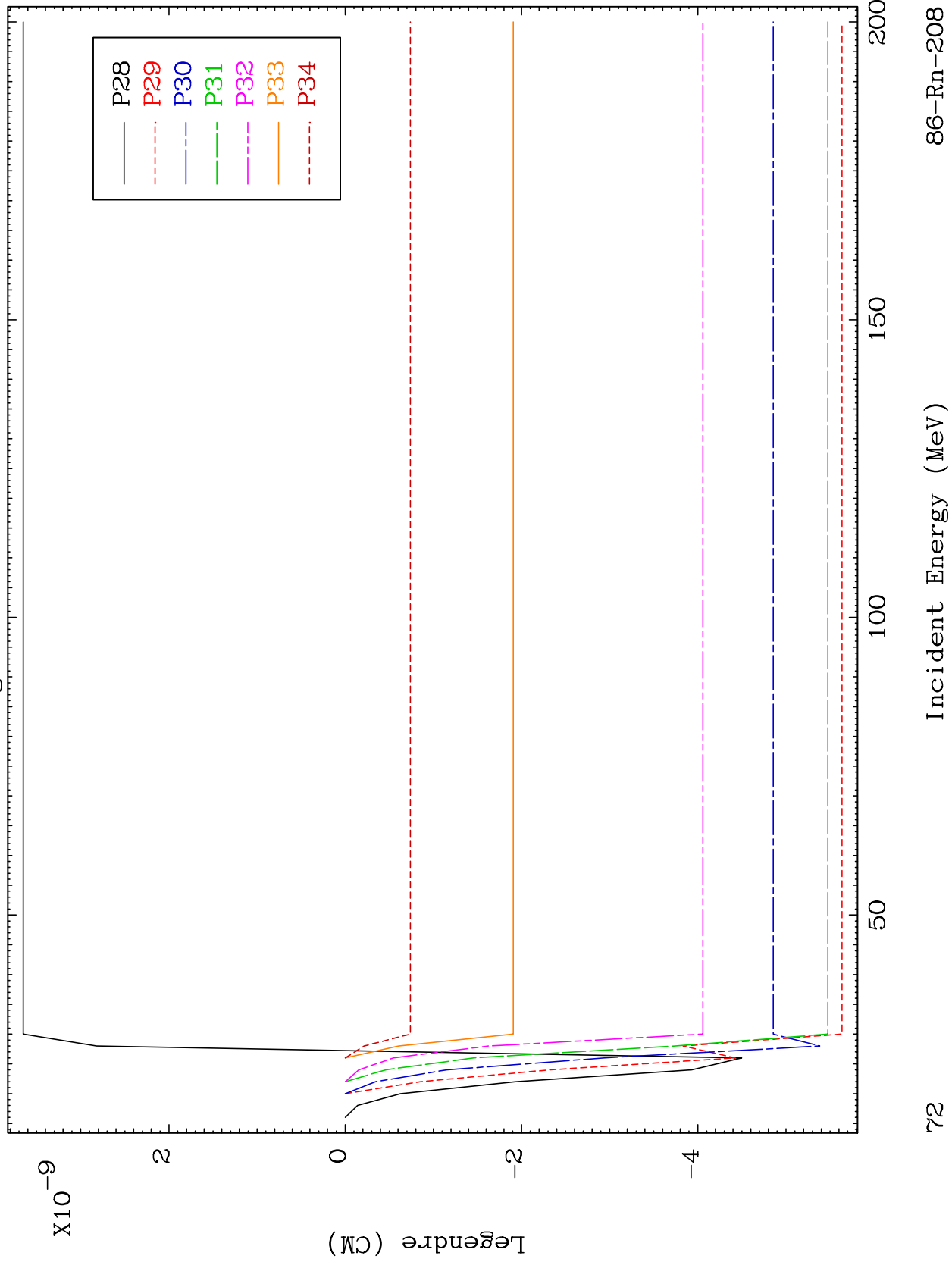
71

86-Rn-208

MAT 8616

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

86-Rn-208



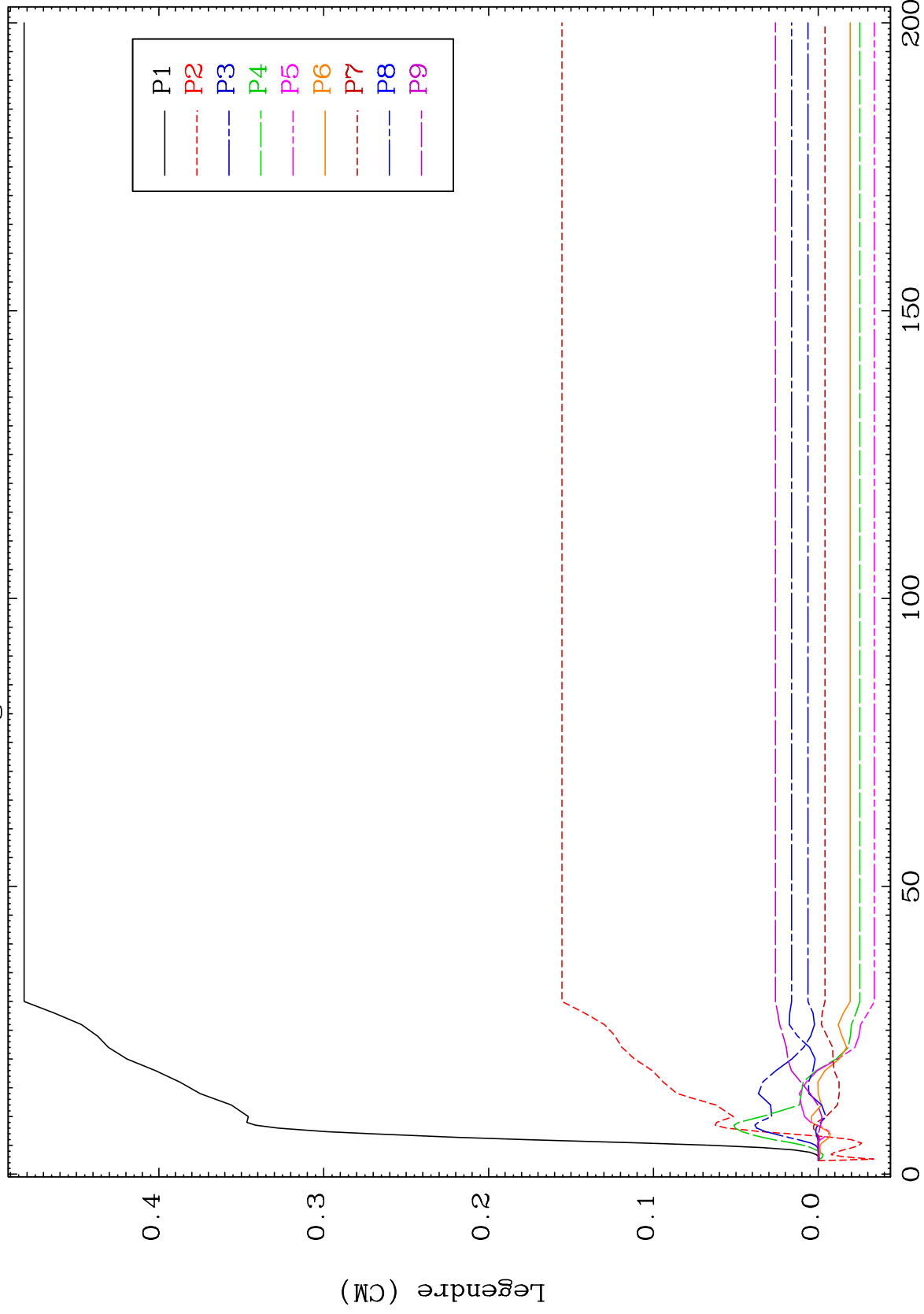
72

86-Rn-208

MAT 8616

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

86-Rn-208



73

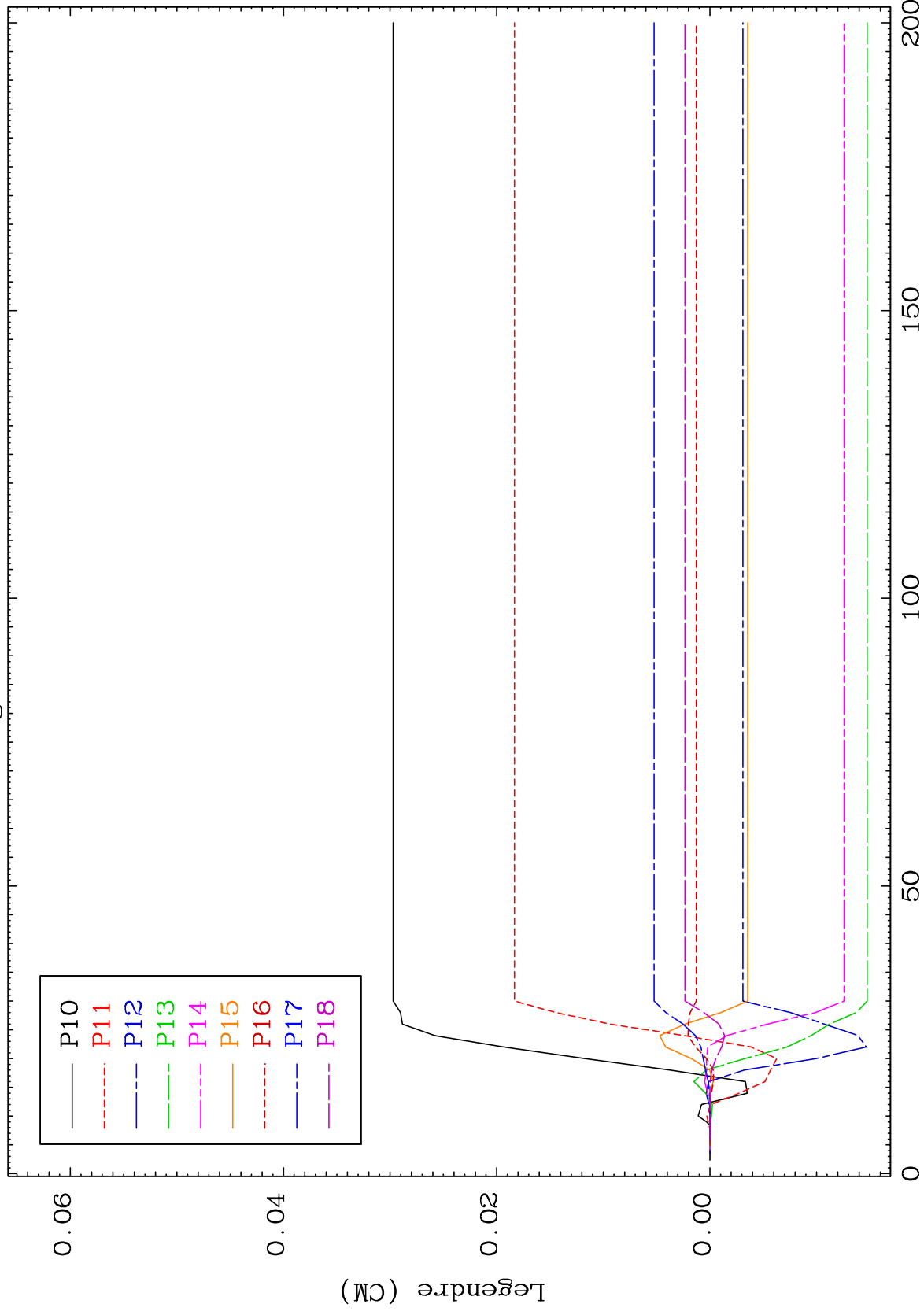
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



74

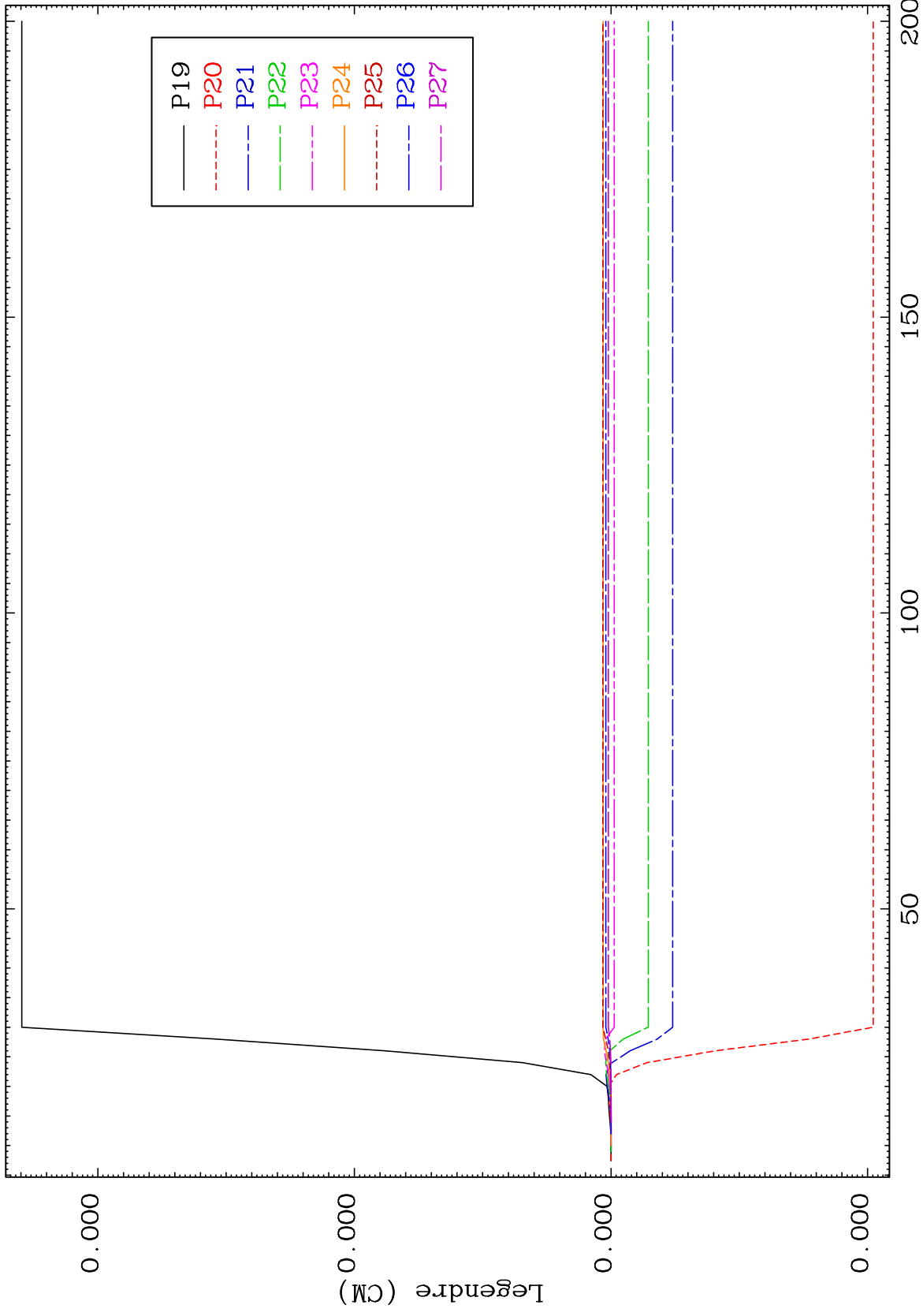
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



75

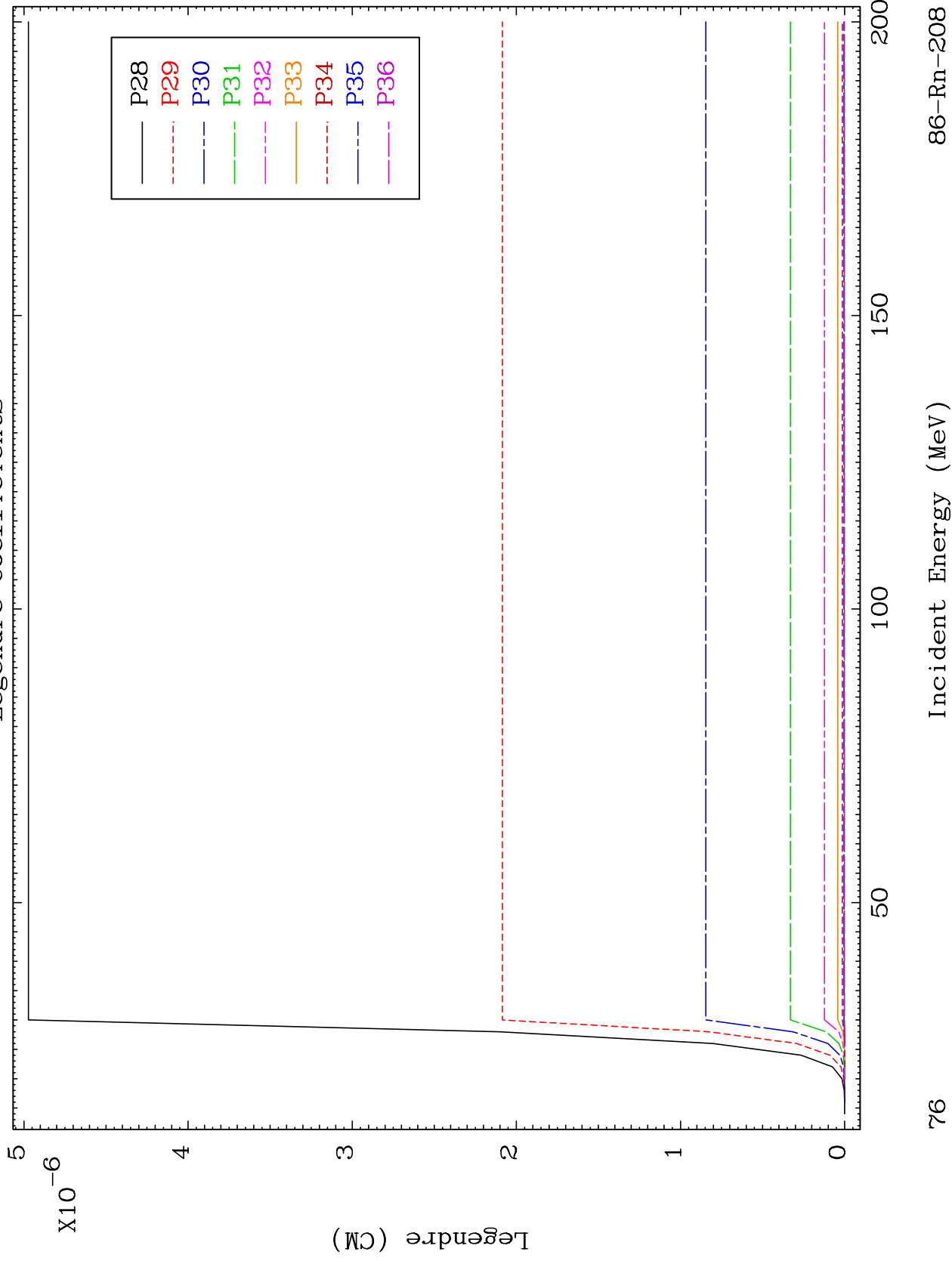
Incident Energy (MeV)

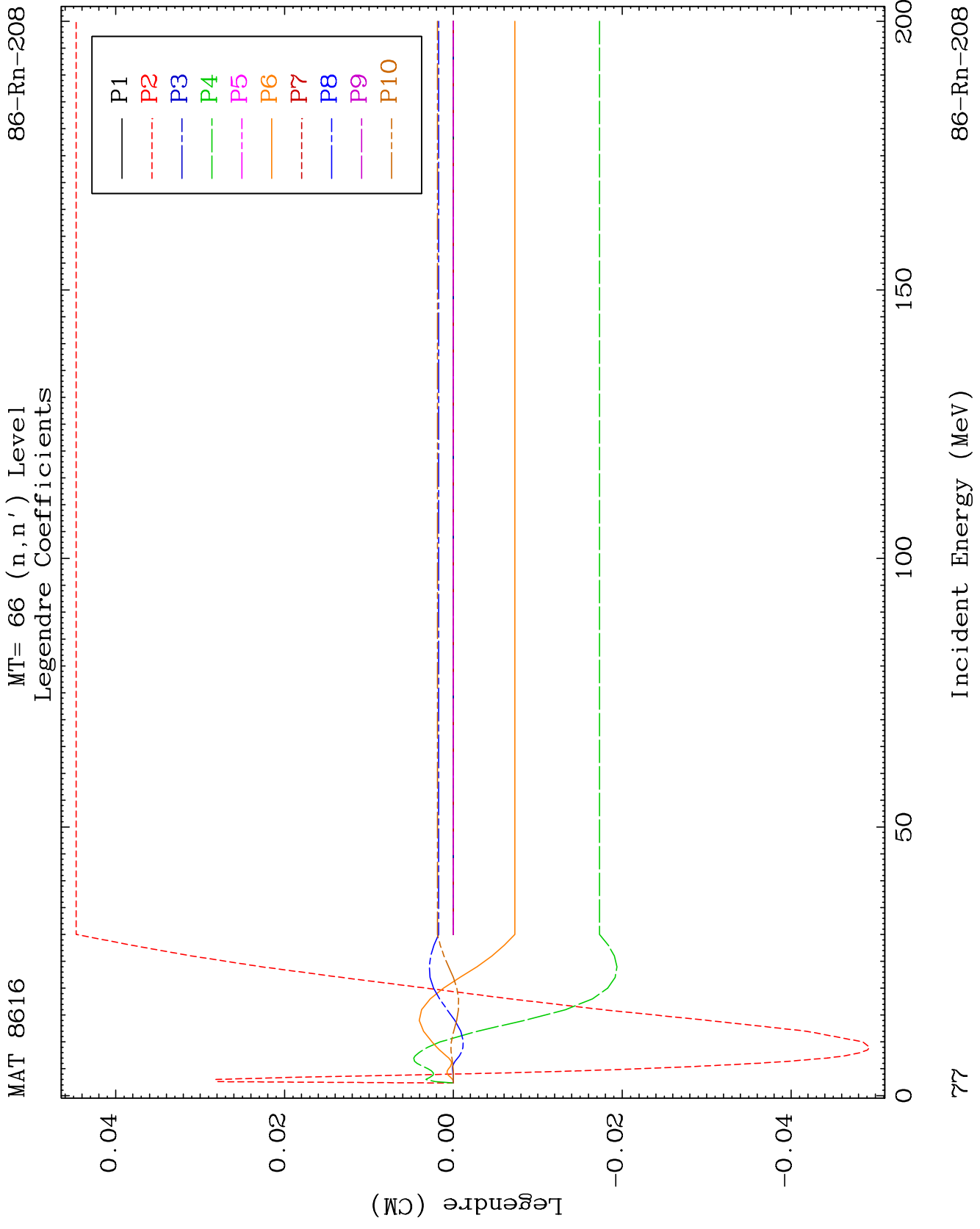
86-Rn-208

MAT 8616

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

86-Rn-208

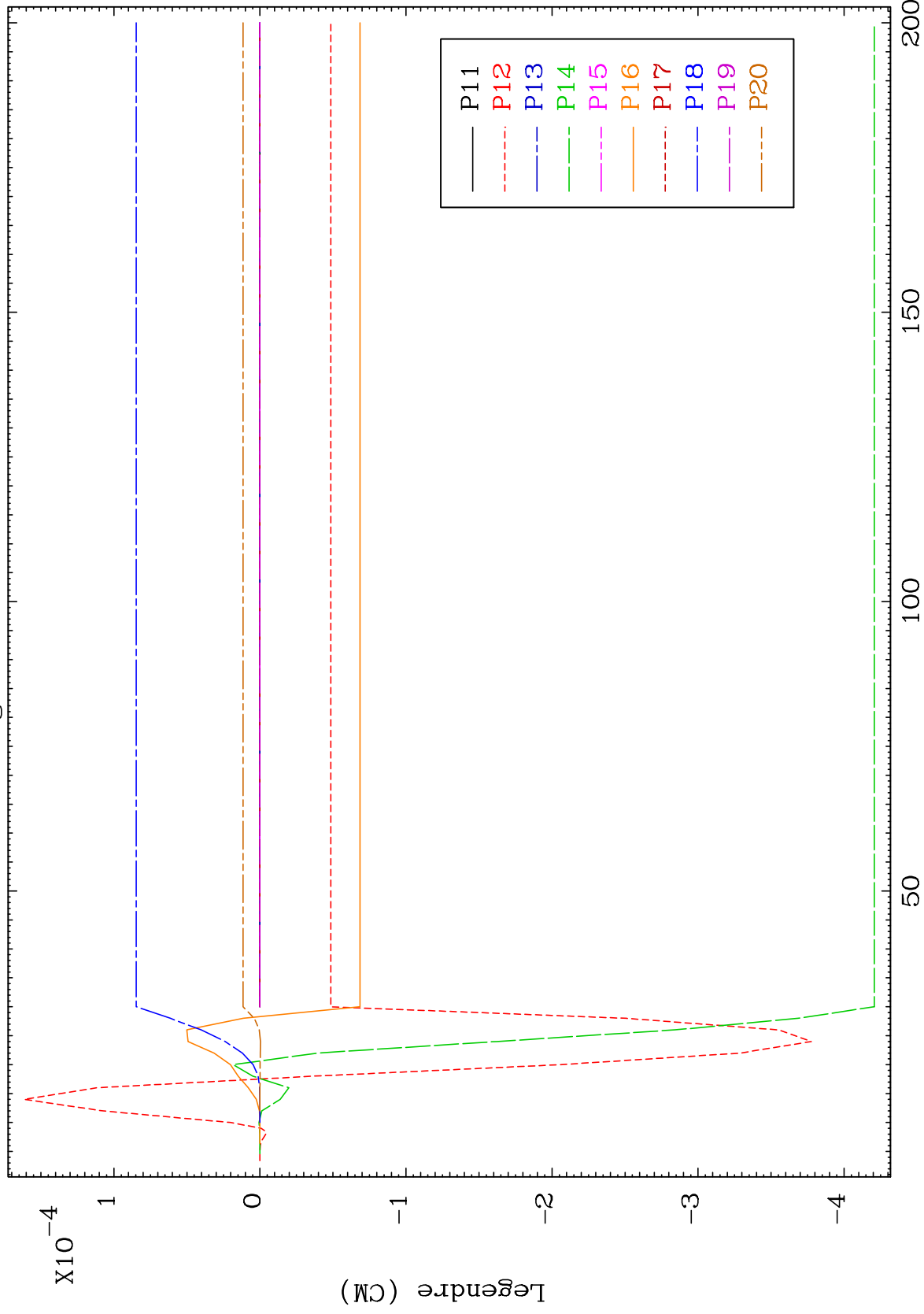




MAT 8616

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

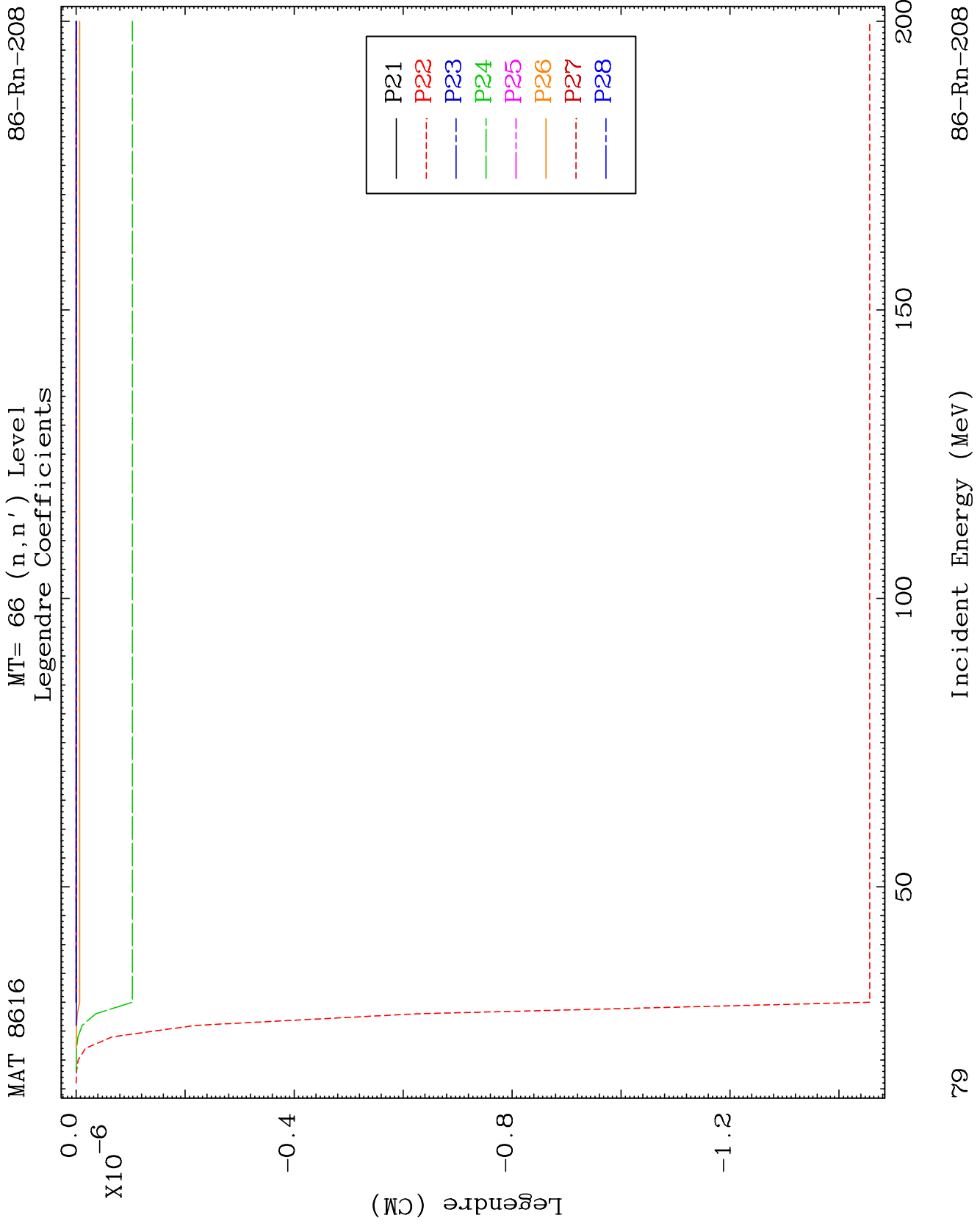
86-Rn-208



78

Incident Energy (MeV)

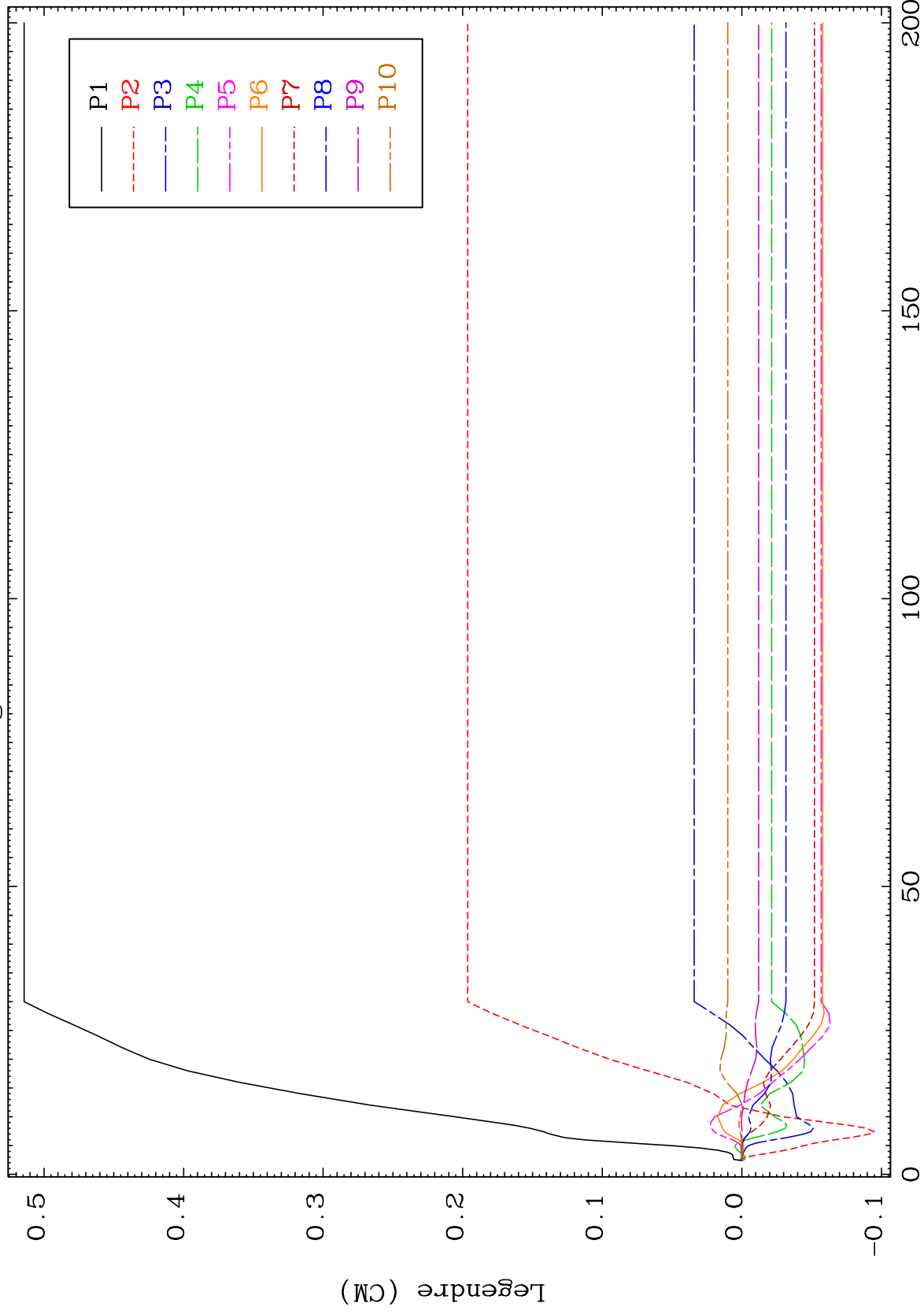
86-Rn-208



MAT 8616

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

86-Rn-208



80

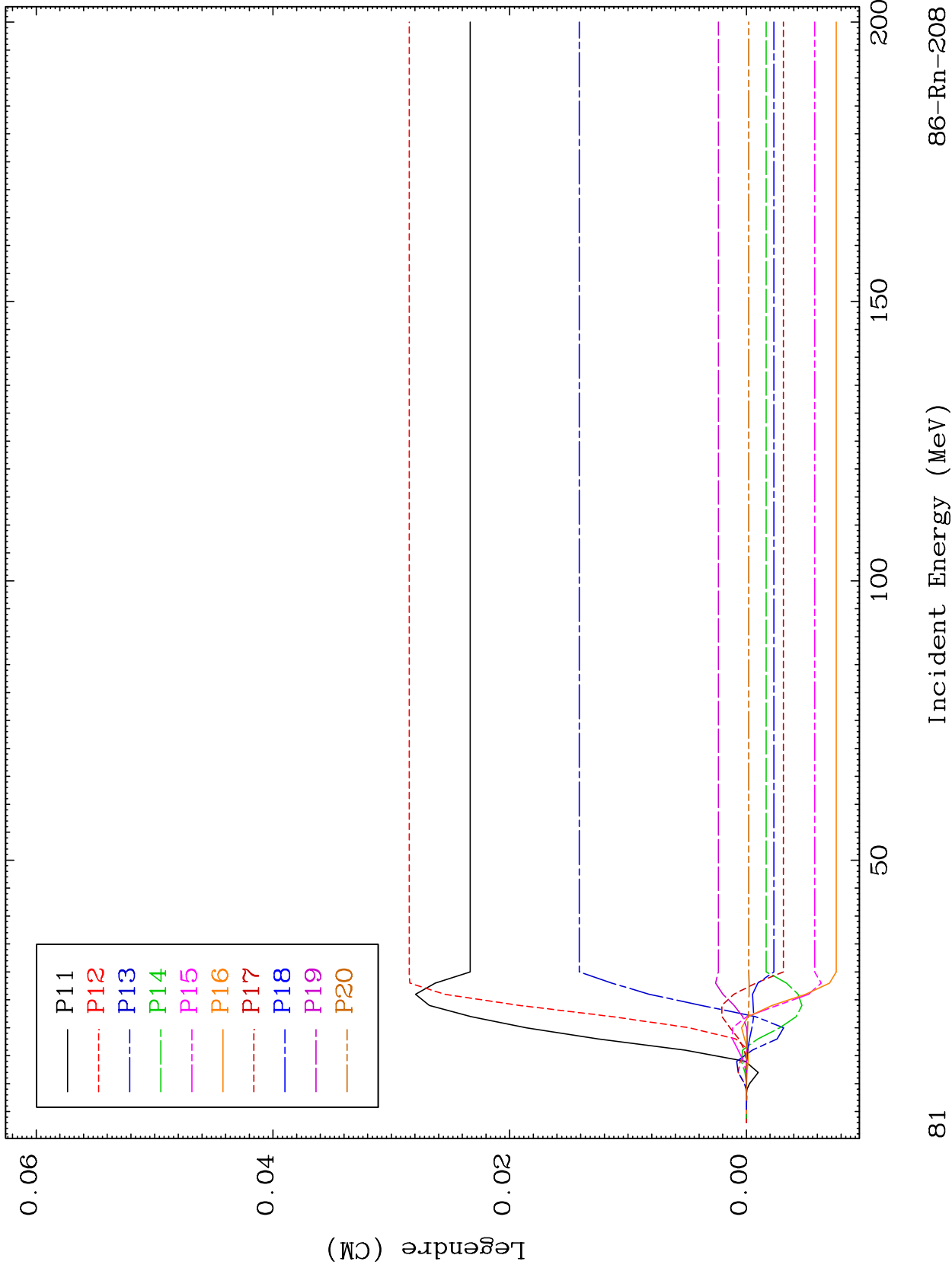
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208

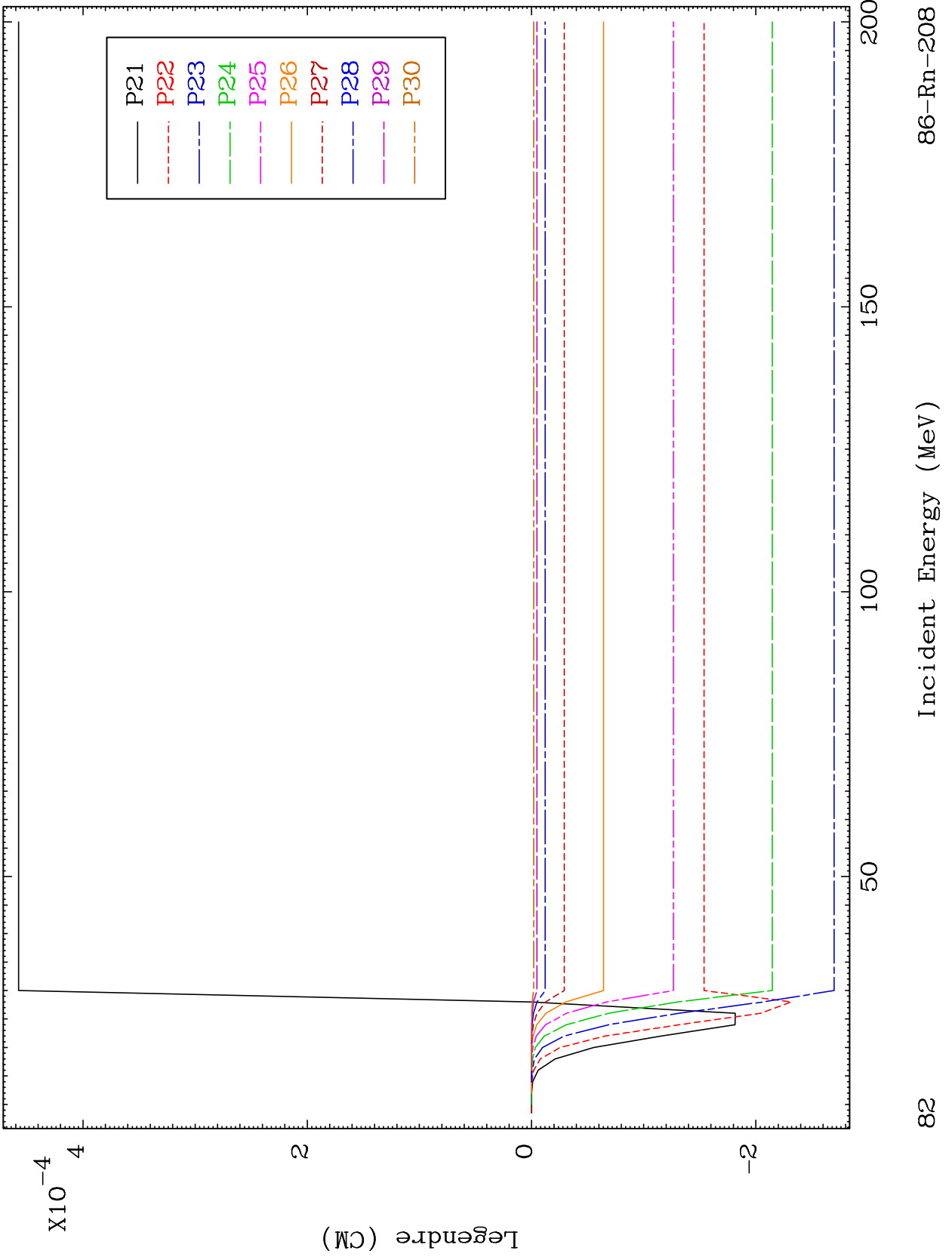


81

MAT 8616

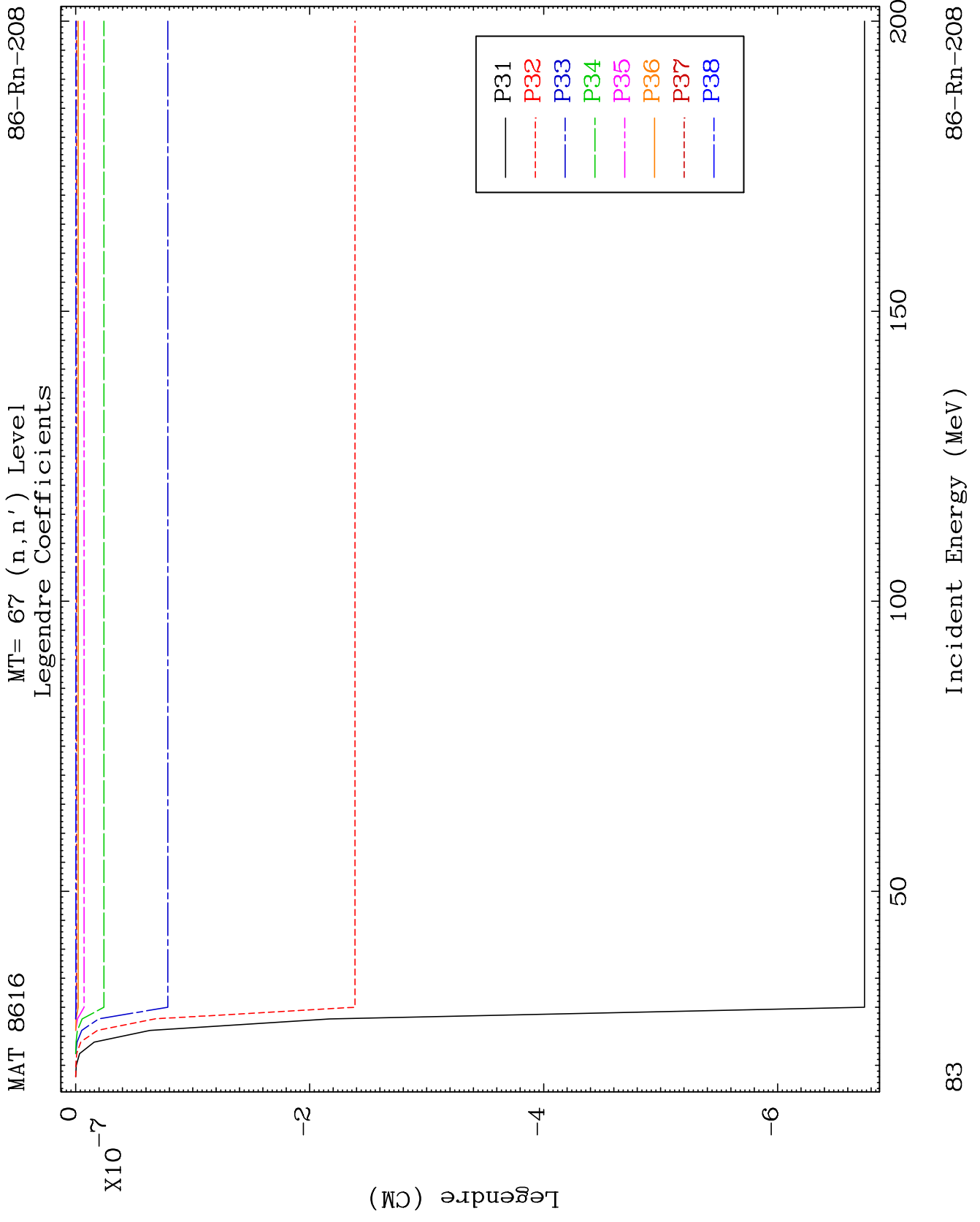
MT= 67 (n,n') Level
Legendre Coefficients

86-Rn-208



82

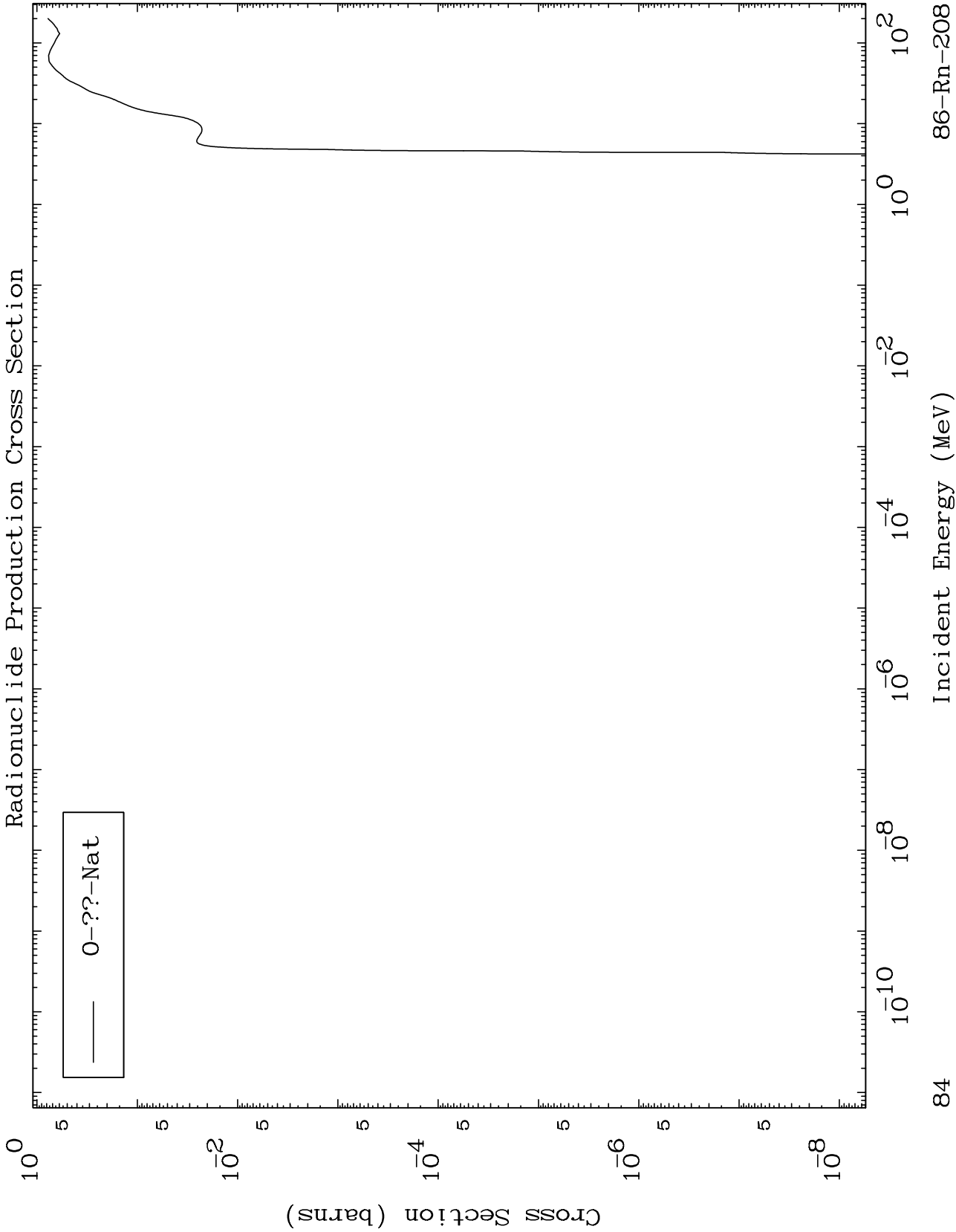
86-Rn-208



MAT 8616

Fission

86-Rn-208

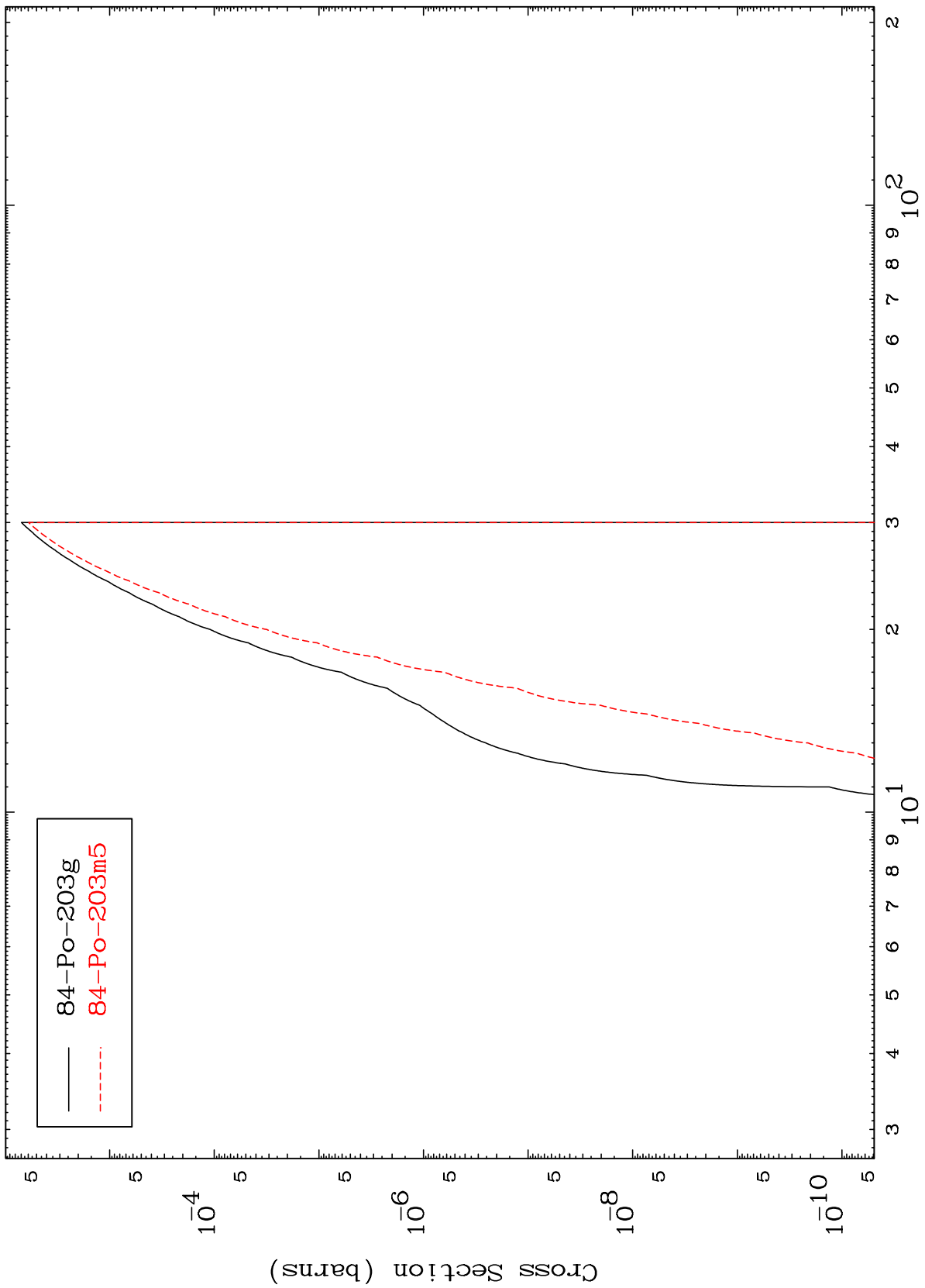


MAT 8616

$(n, 2n) \alpha$

86-Rn-208

Radionuclide Production Cross Section



85

Incident Energy (MeV)

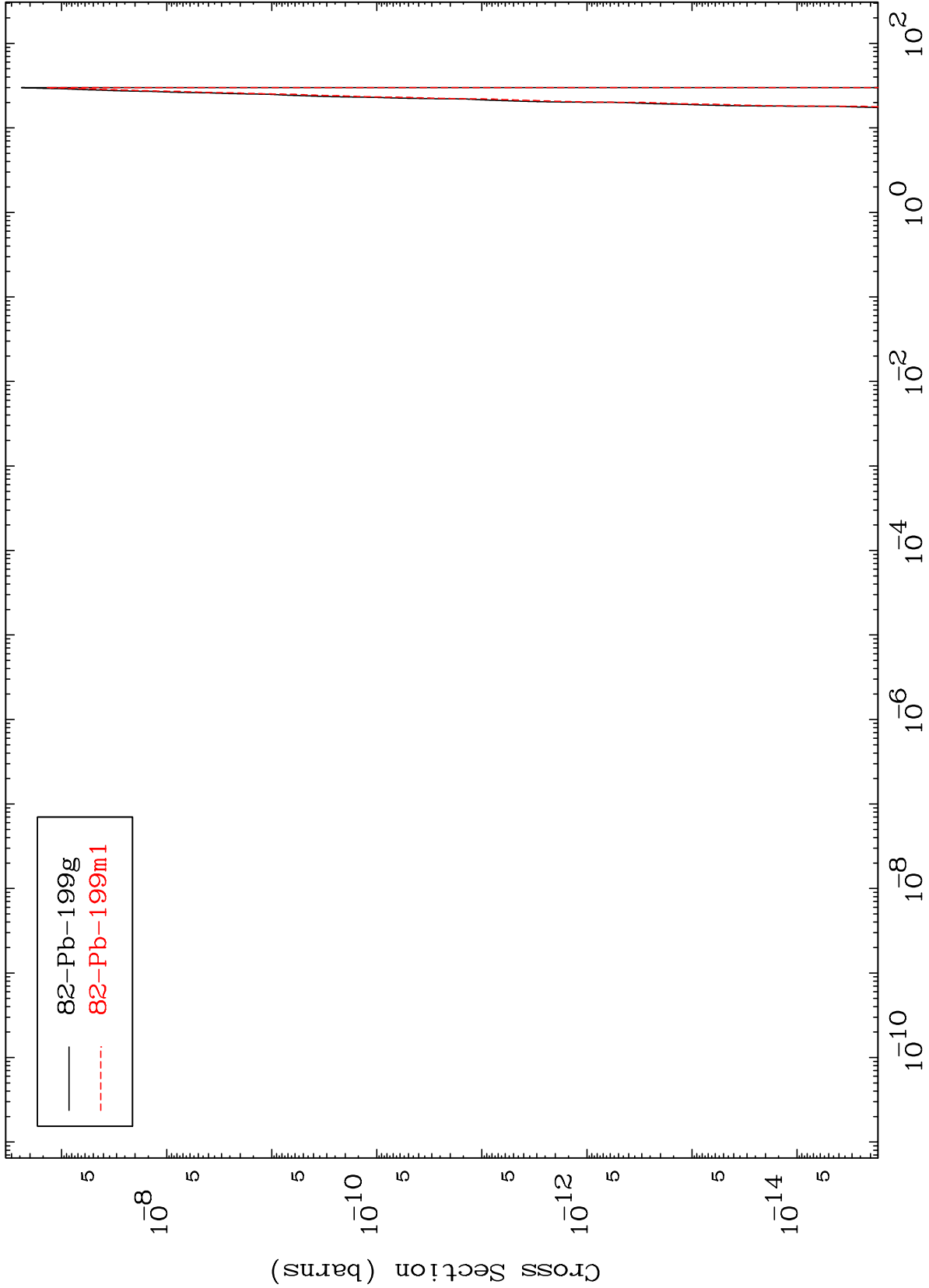
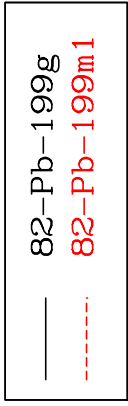
86-Rn-208

MAT 8616

(n,2n) 2 α

86-Rn-208

Radionuclide Production Cross Section



86

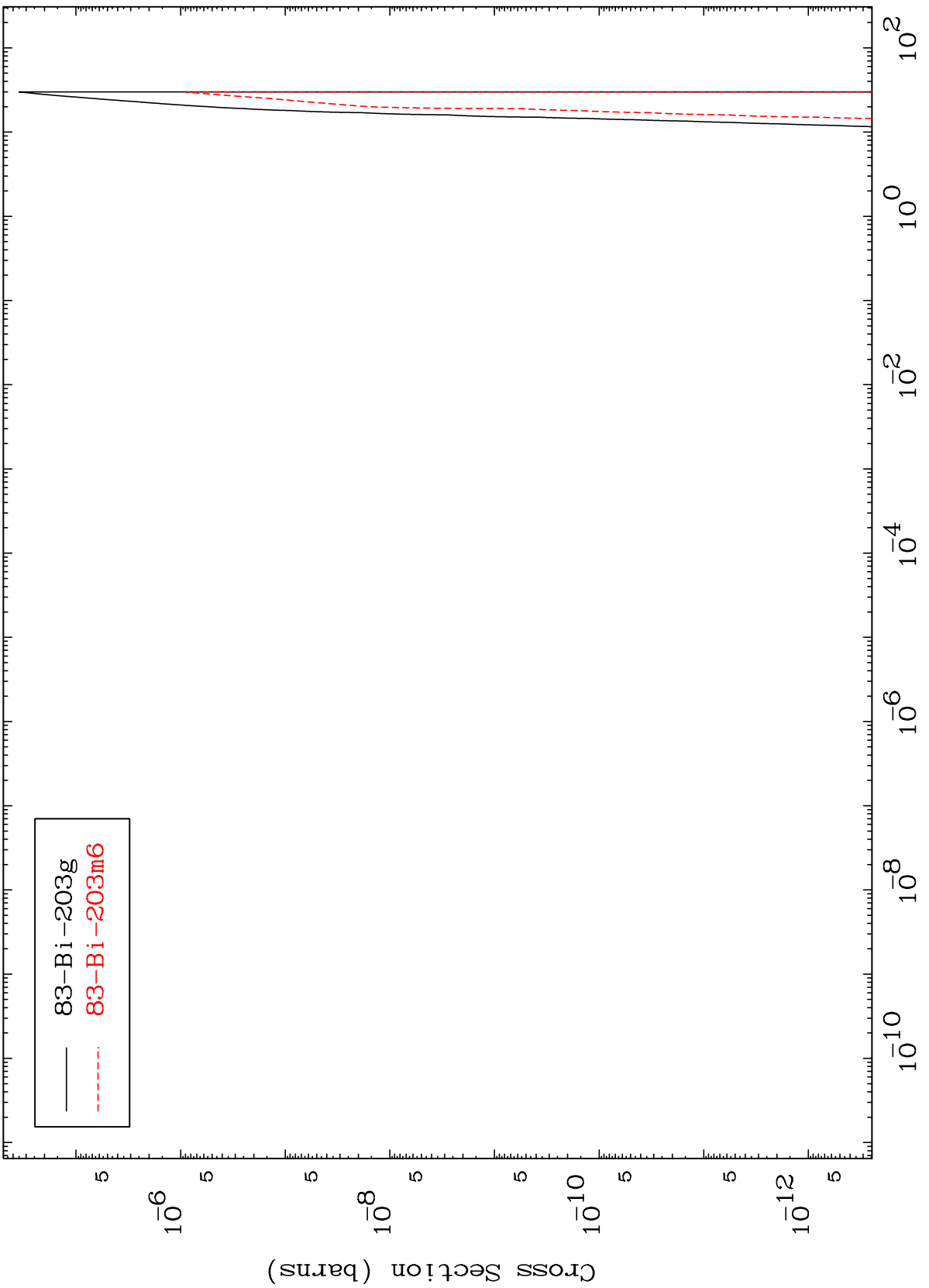
86-Rn-208

MAT 8616

(n,n') p α

86-Rn-208

Radionuclide Production Cross Section



87

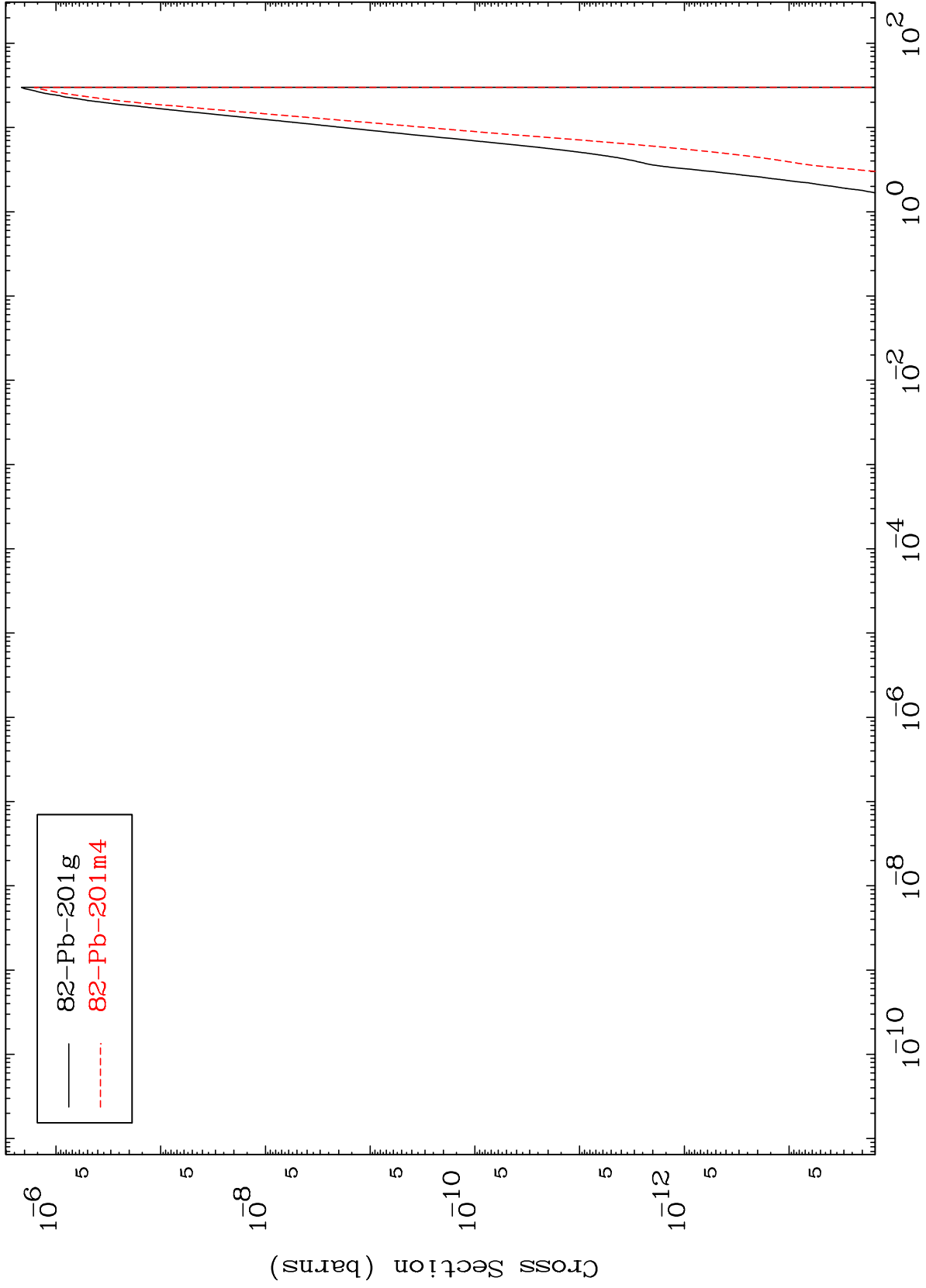
Incident Energy (MeV)

86-Rn-208

MAT 8616

86-Rn-208

(n,2α)
Radionuclide Production Cross Section



88

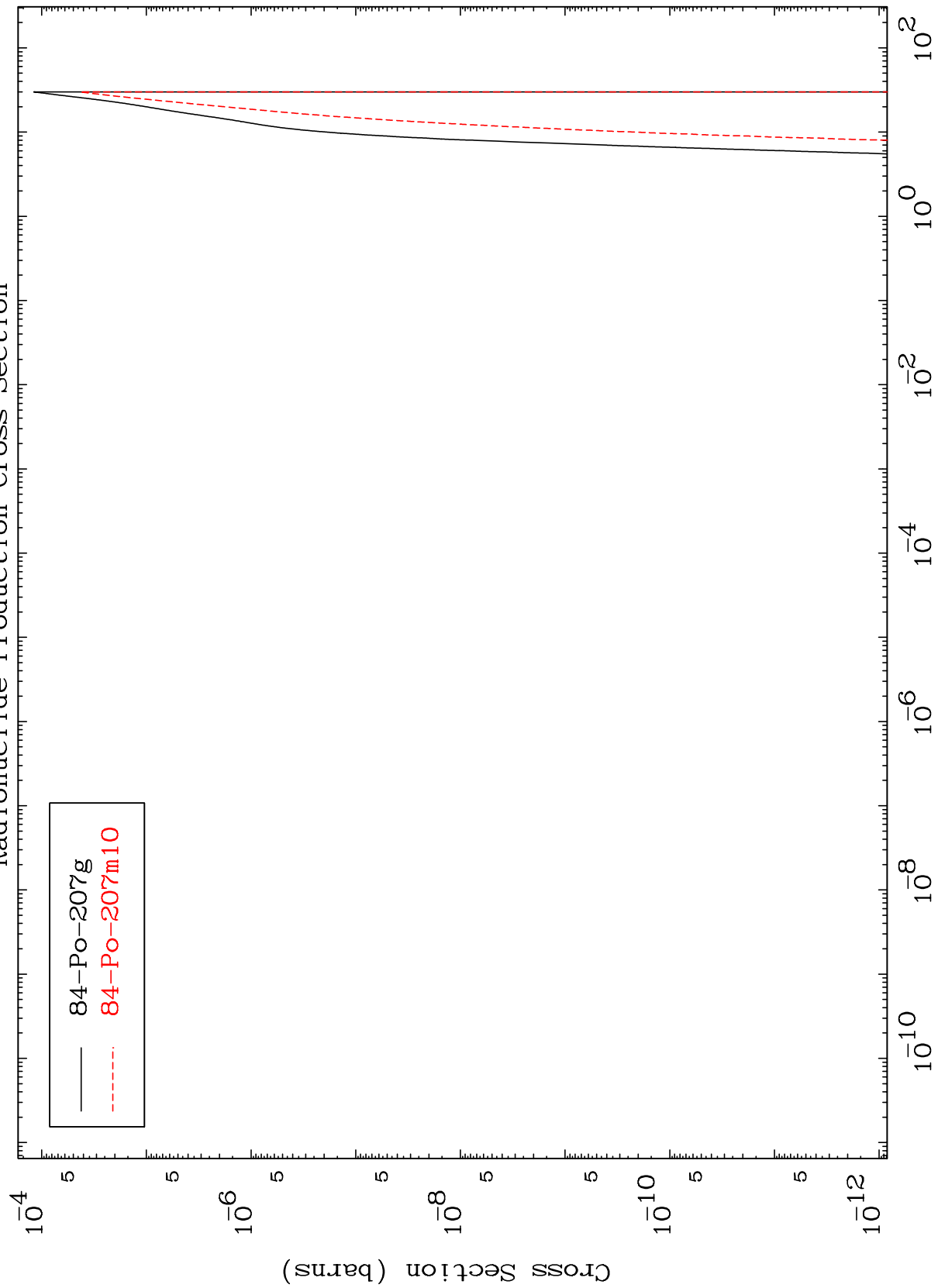
86-Rn-208

Incident Energy (MeV)

MAT 8616

86-Rn-208

(n,2p)
Radionuclide Production Cross Section



89

Incident Energy (MeV)

86-Rn-208

MAT 8616

(n,d) α

86-Rn-208

Radionuclide Production Cross Section

