

Program EVALPLOT
(Version 2018-1)

by

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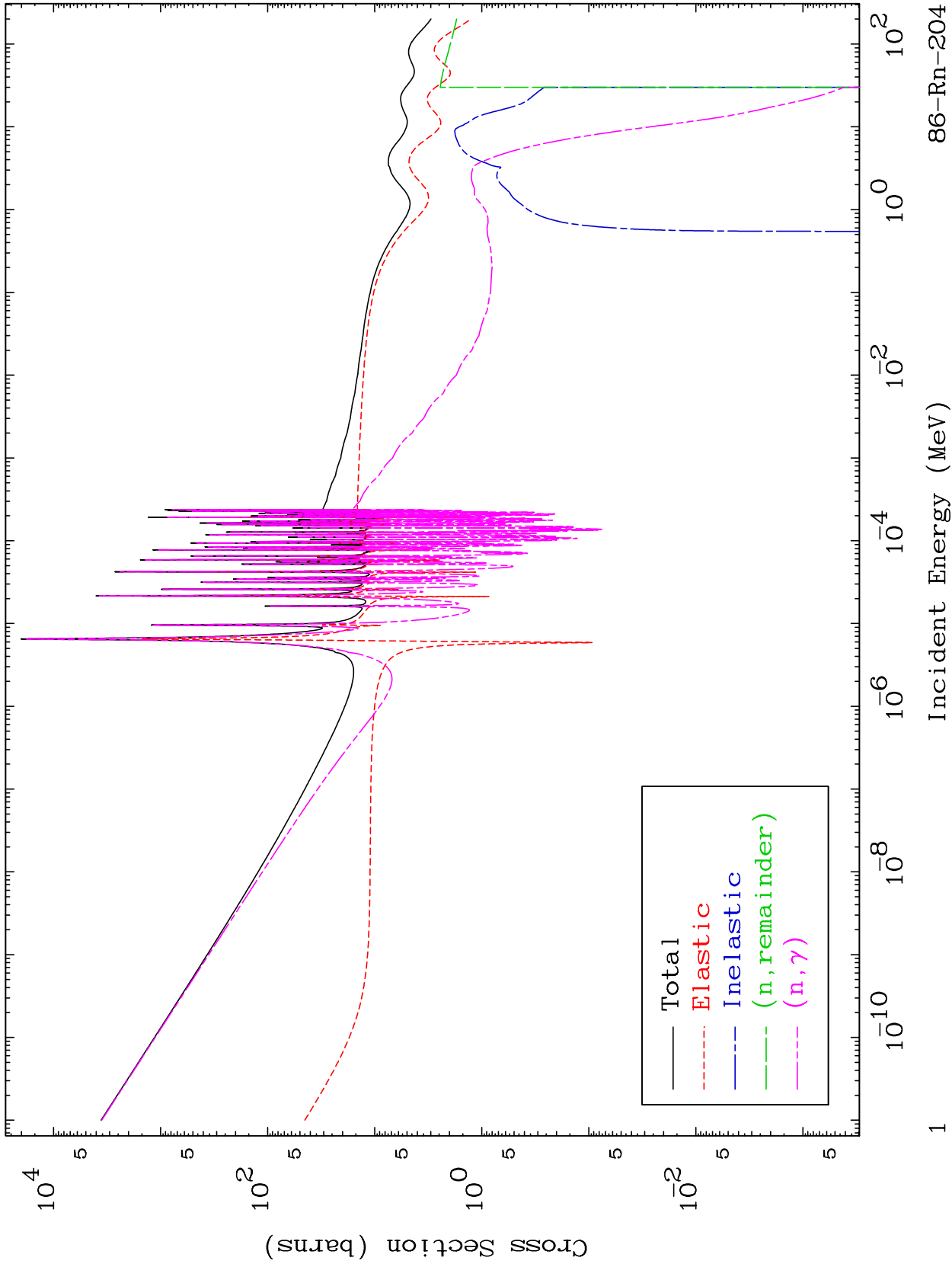
Press Mouse Button to Start

MAT 8604

Major

293 Kelvin Cross Sections

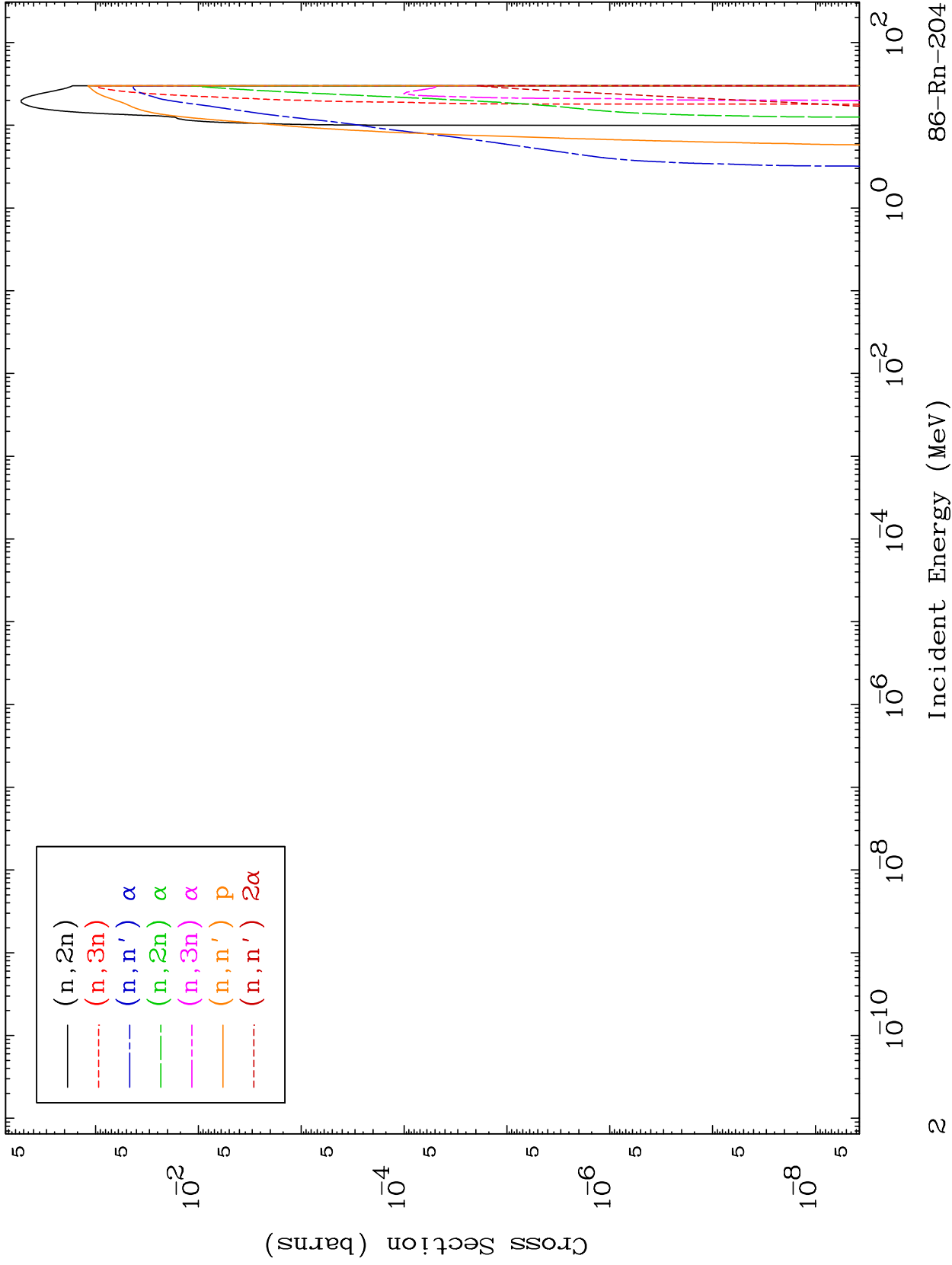
86-Rn-204



MAT 8604

Neutron Production
293 Kelvin Cross Sections

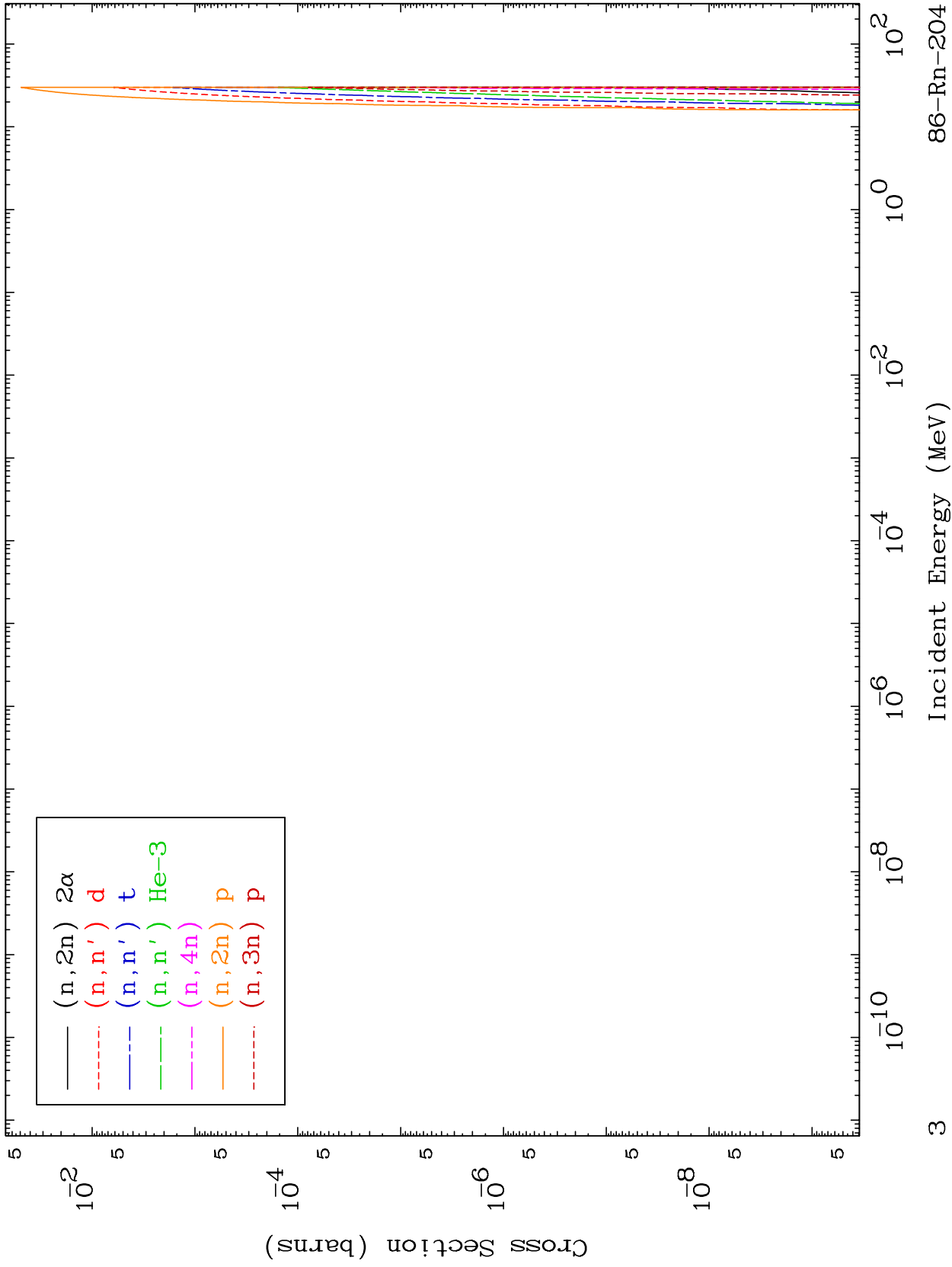
86-Rn-204



MAT 8604

Neutron Production
293 Kelvin Cross Sections

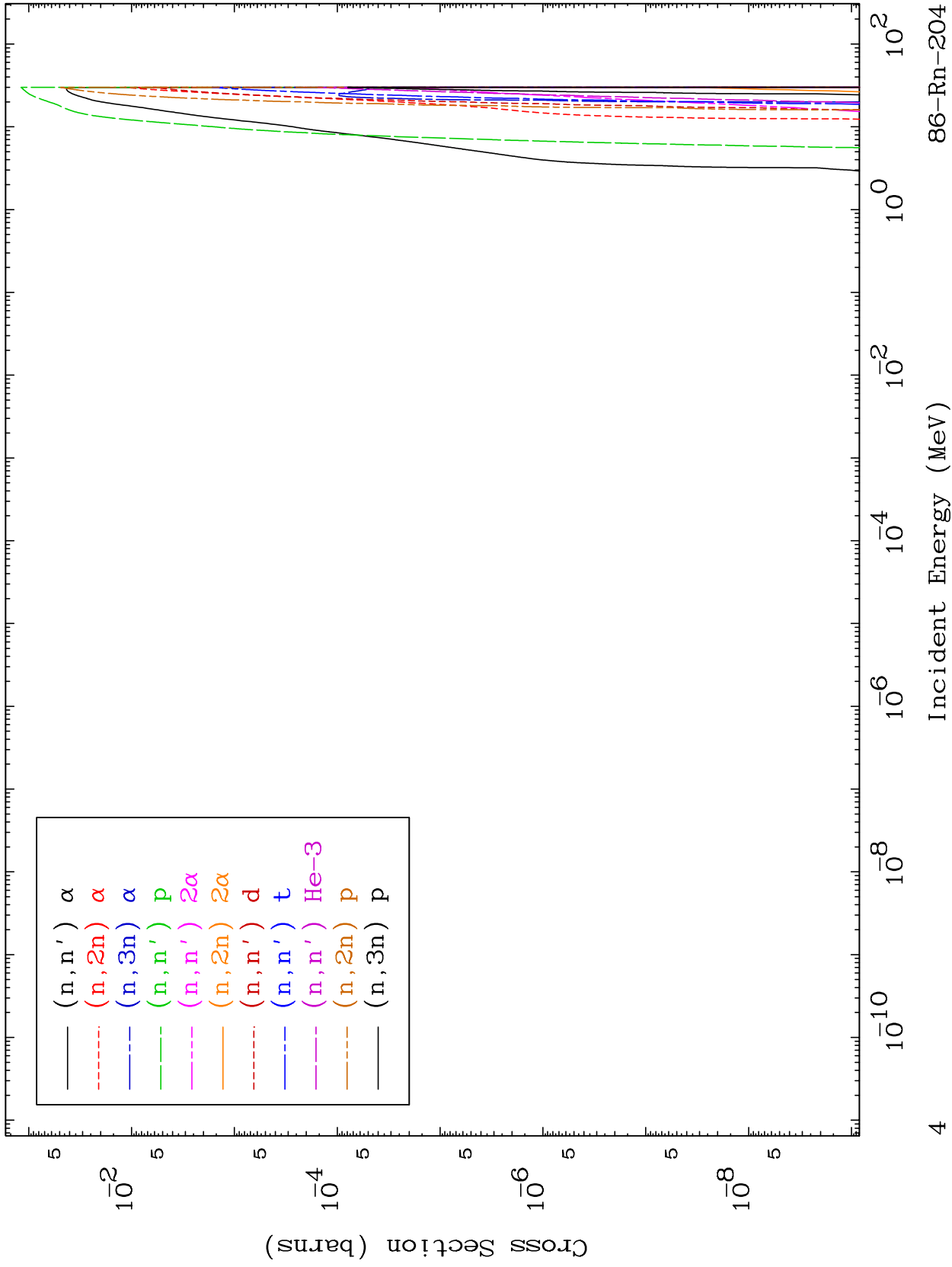
86-Rn-204



MAT 8604

Charged Particle
293 Kelvin Cross Sections

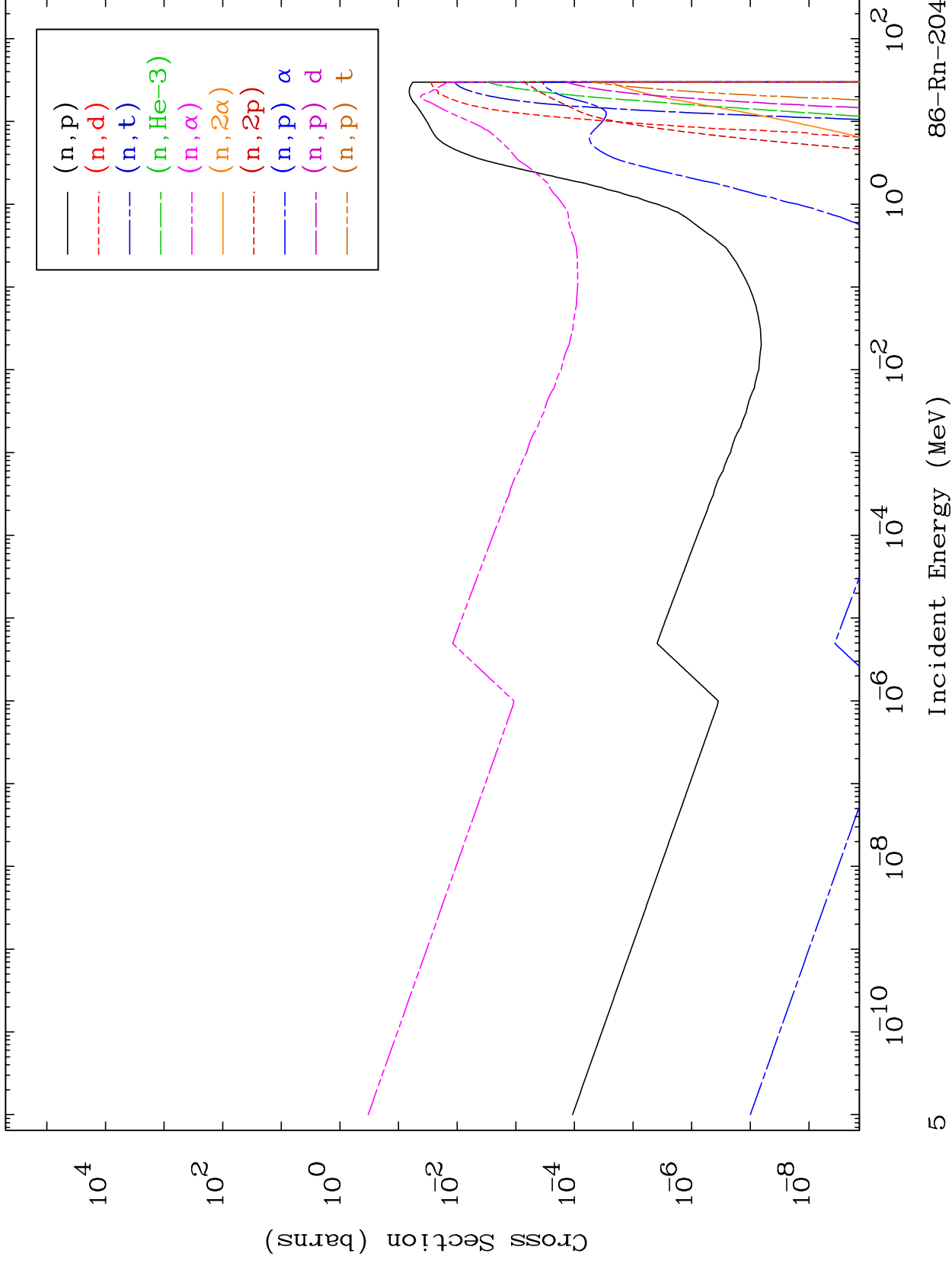
86-Rn-204



MAT 8604

Charged Particle
293 Kelvin Cross Sections

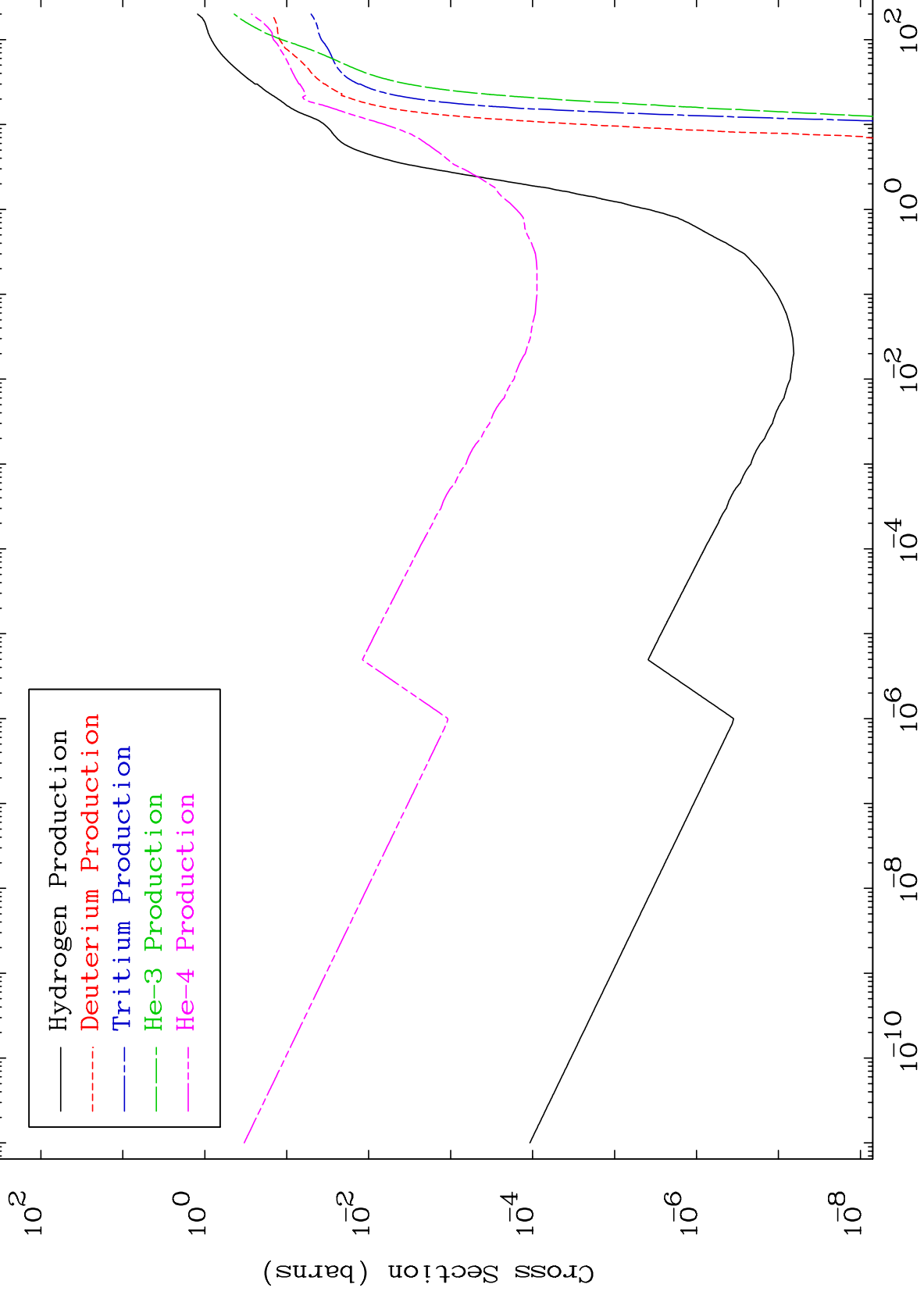
86-Rn-204



MAT 8604

Particle Production
293 Kelvin Cross Sections

86-Rn-204

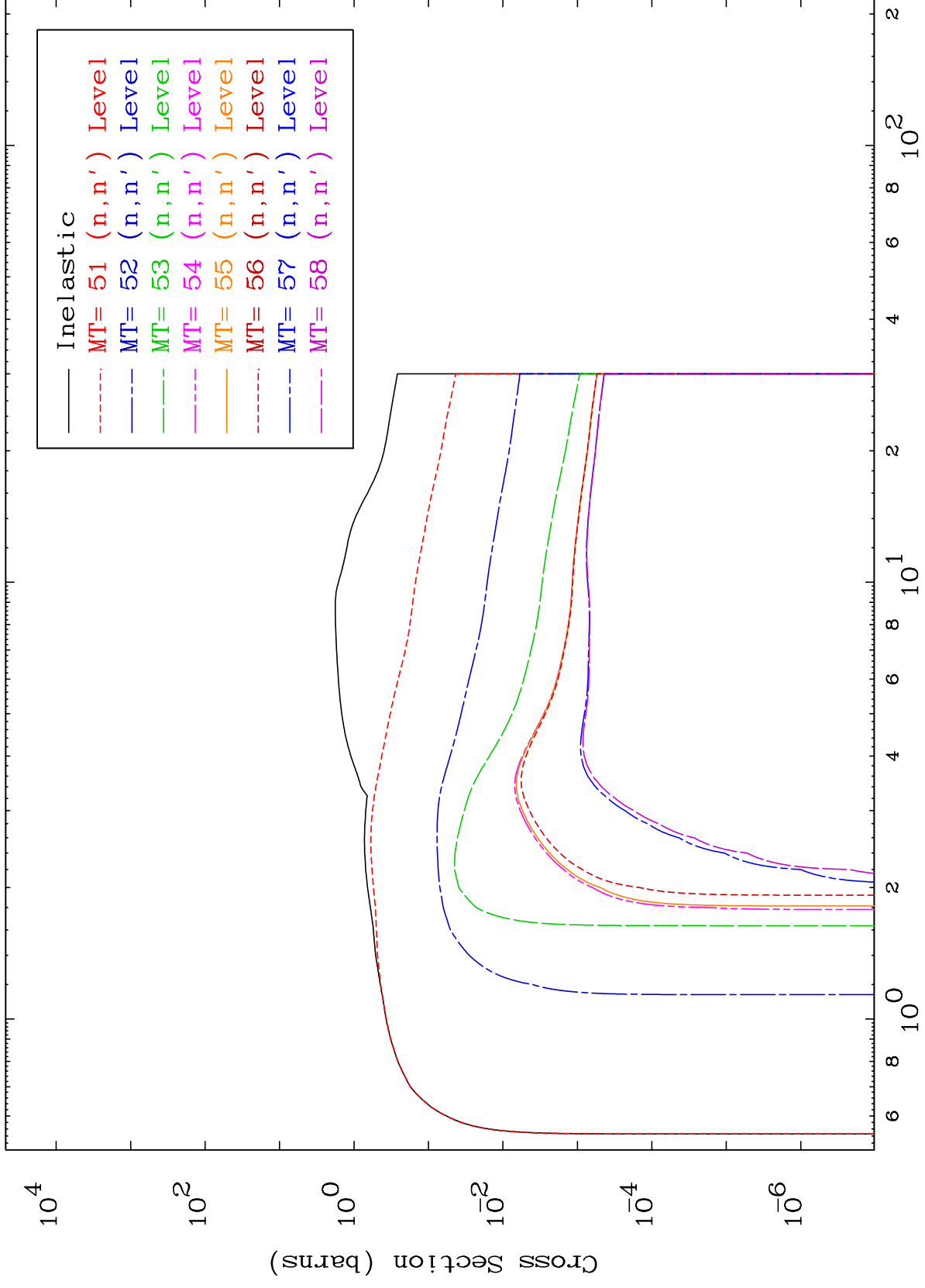


MAT 8604

(n,n') Level

86-Rn-204

293 Kelvin Cross Sections



7

Incident Energy (MeV)

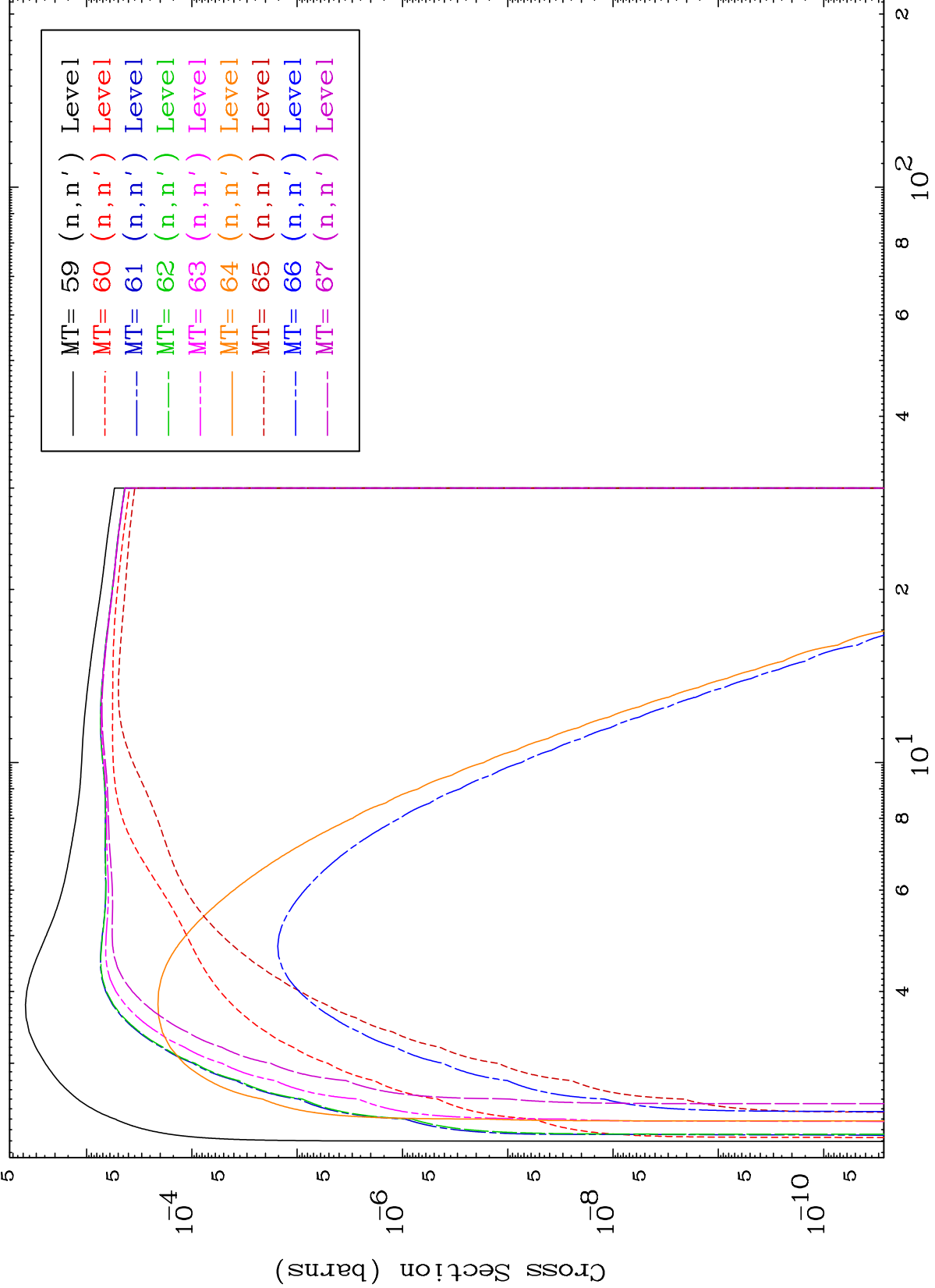
86-Rn-204

MAT 8604

(n,n') Level

86-Rn-204

293 Kelvin Cross Sections

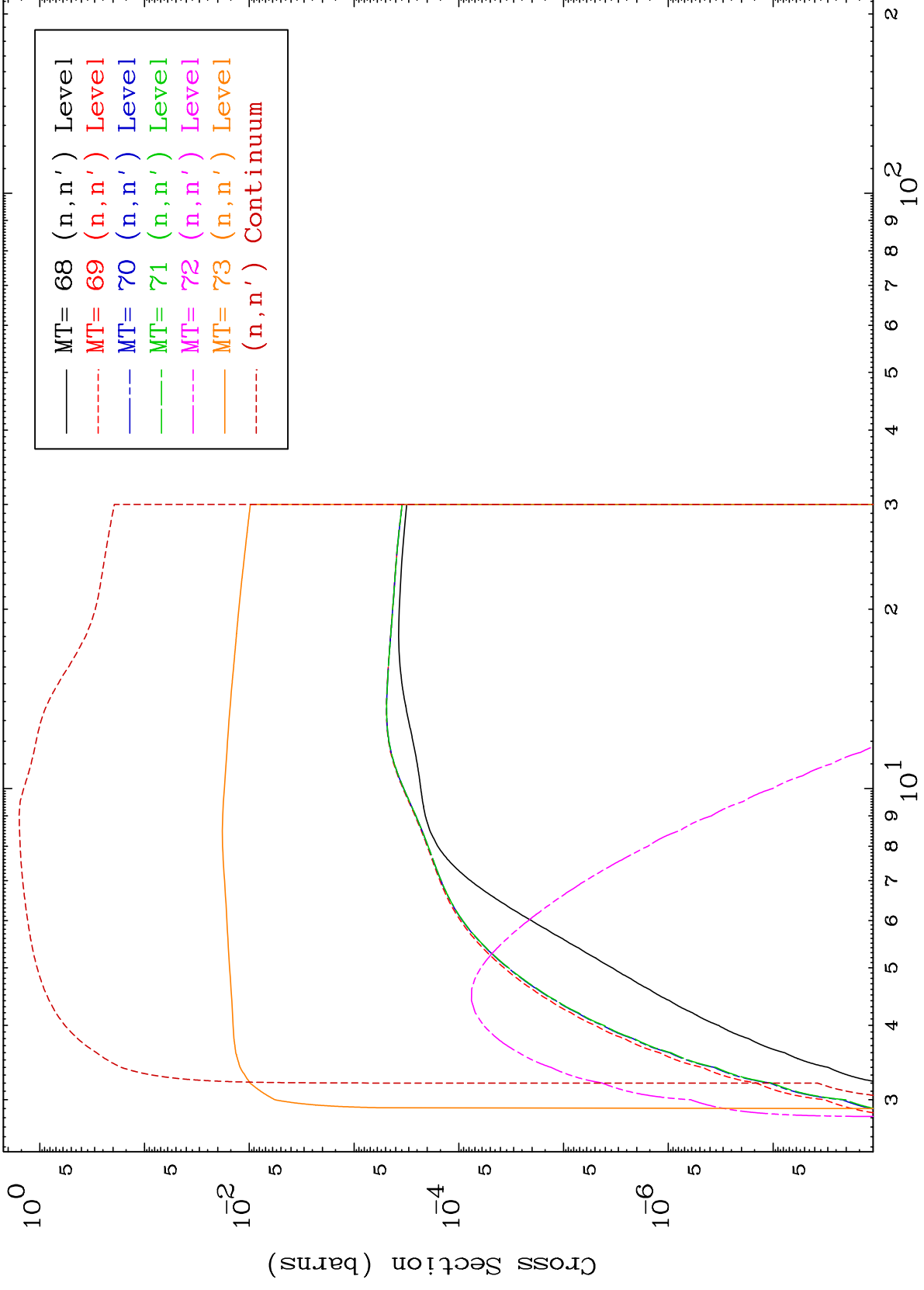


8

Incident Energy (MeV)

86-Rn-204

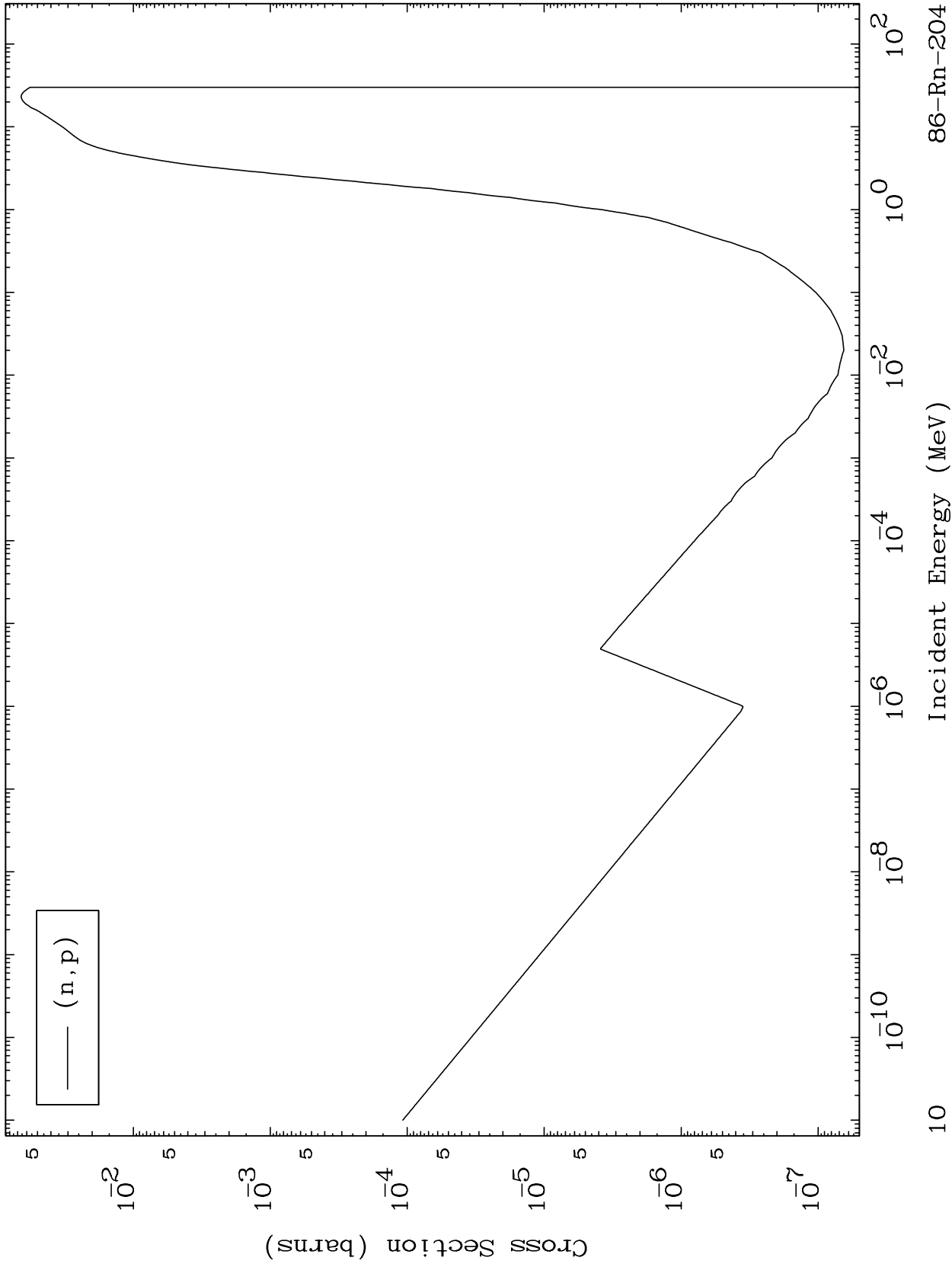
293 Kelvin Cross Sections



MAT 8604

(n,p) Levels
293 Kelvin Cross Sections

86-Rn-204



10

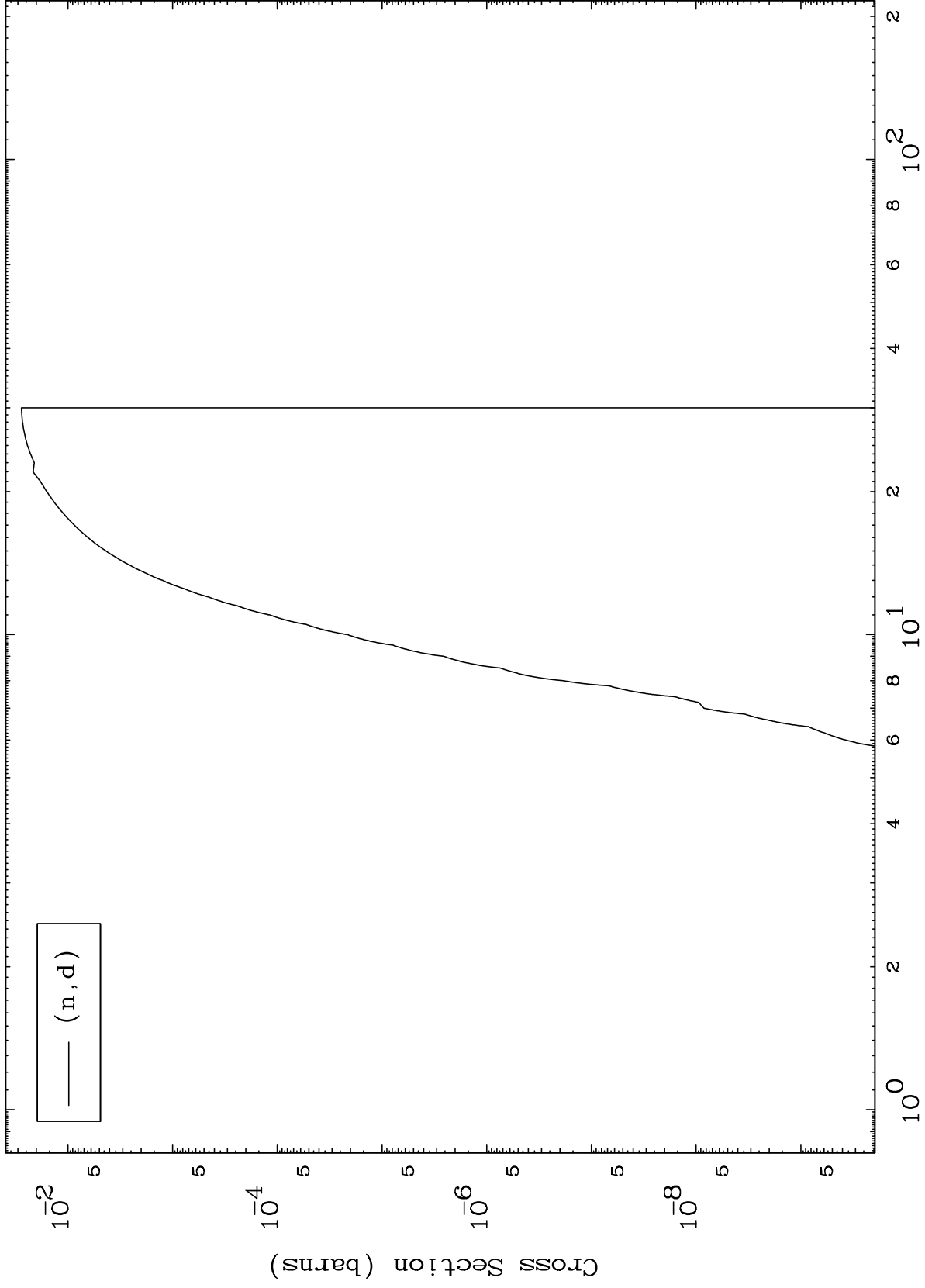
Incident Energy (MeV)

86-Rn-204

MAT 8604

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-204



11

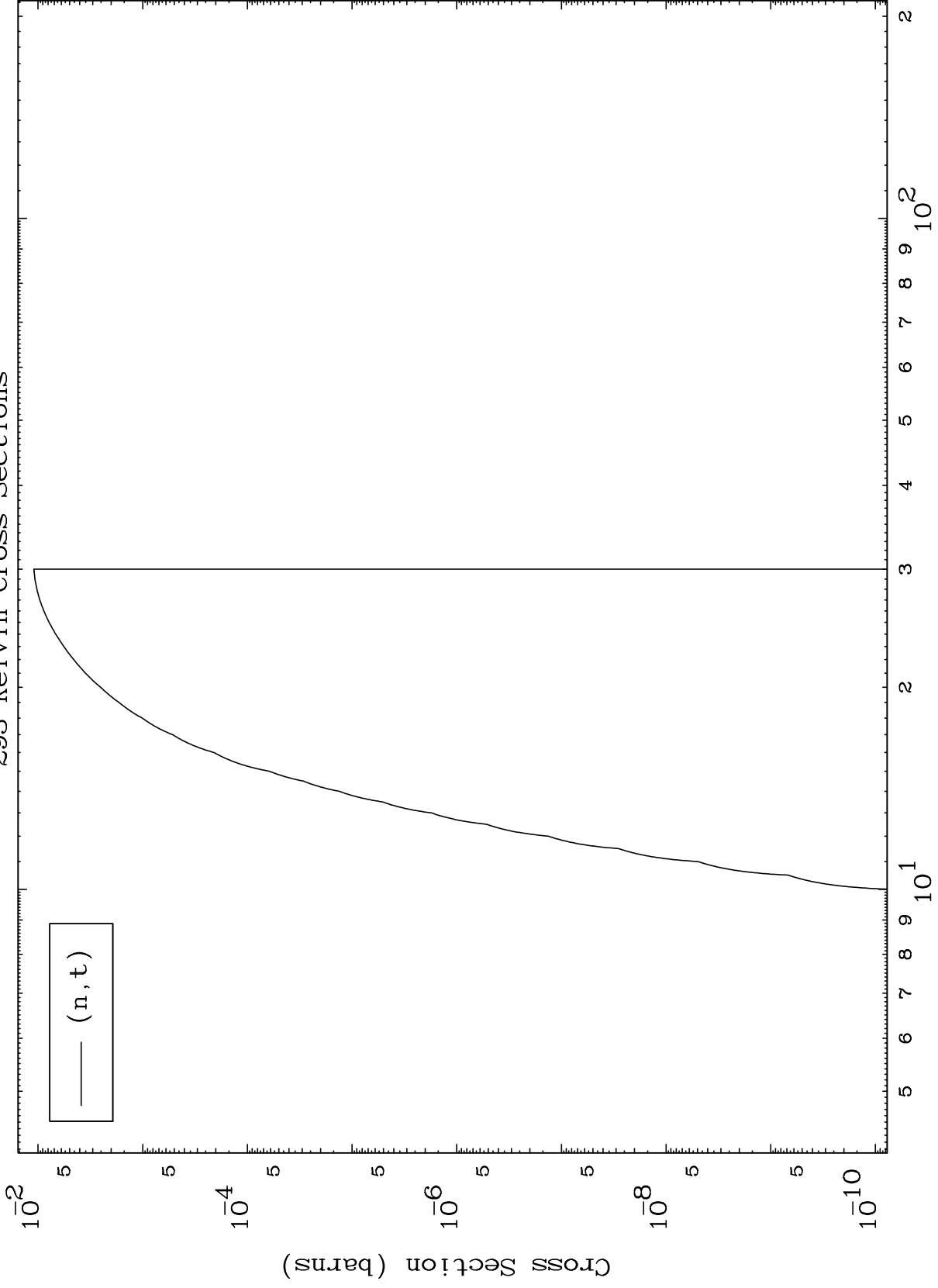
Incident Energy (MeV)

86-Rn-204

MAT 8604

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-204



12

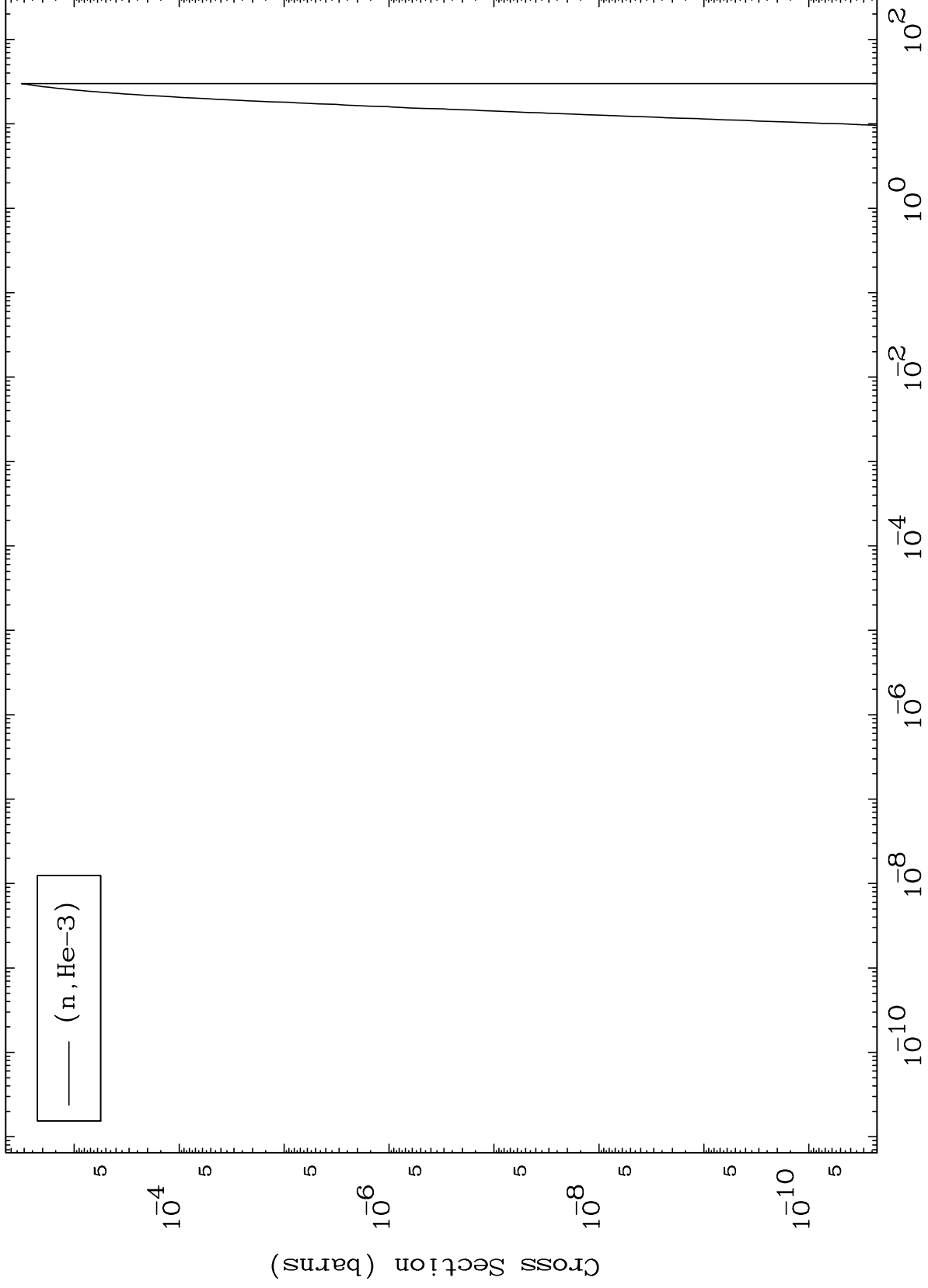
Incident Energy (MeV)

86-Rn-204

MAT 8604

(n,He3) Levels
293 Kelvin Cross Sections

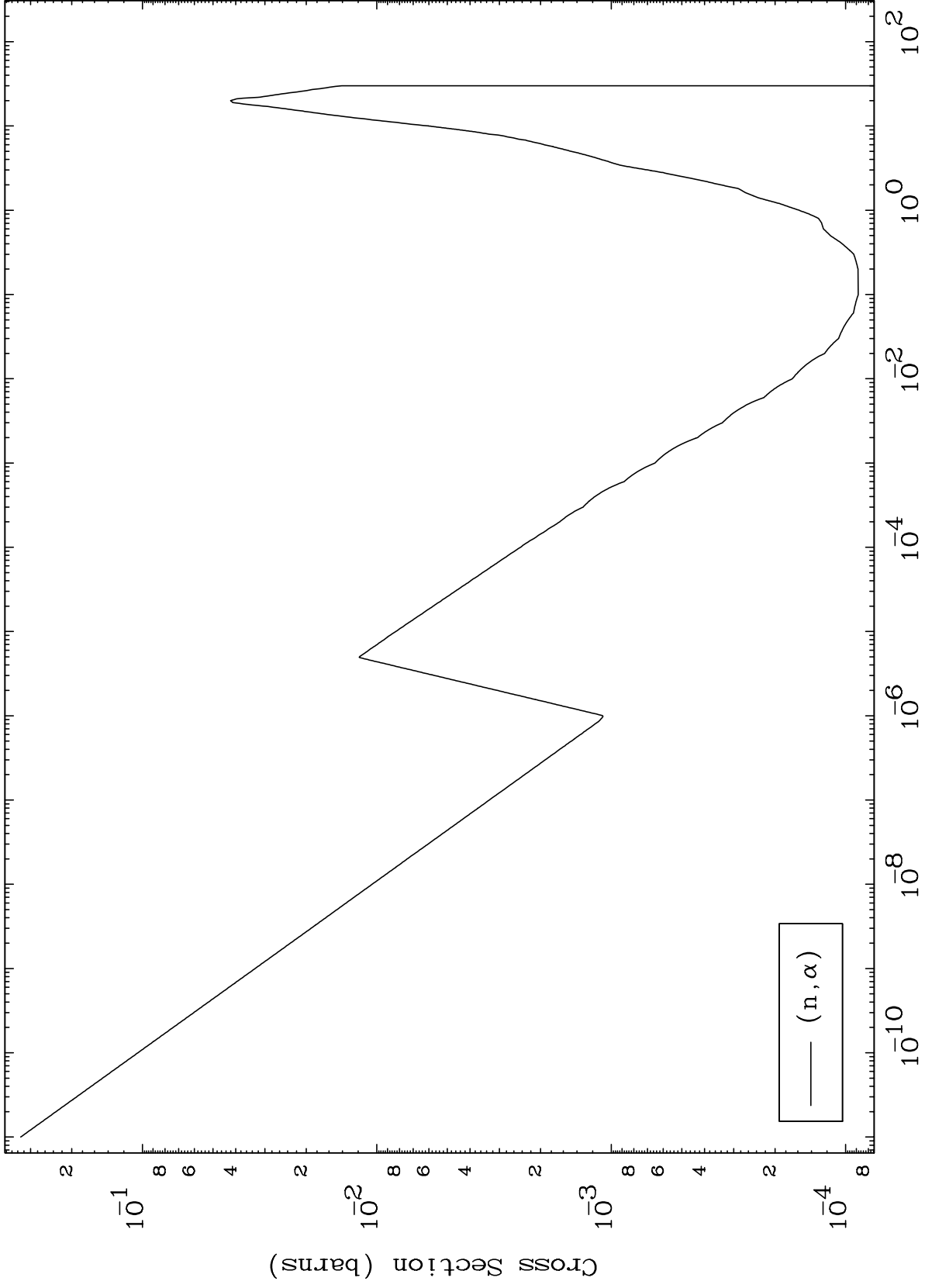
86-Rn-204



MAT 8604

(n,α) Levels
293 Kelvin Cross Sections

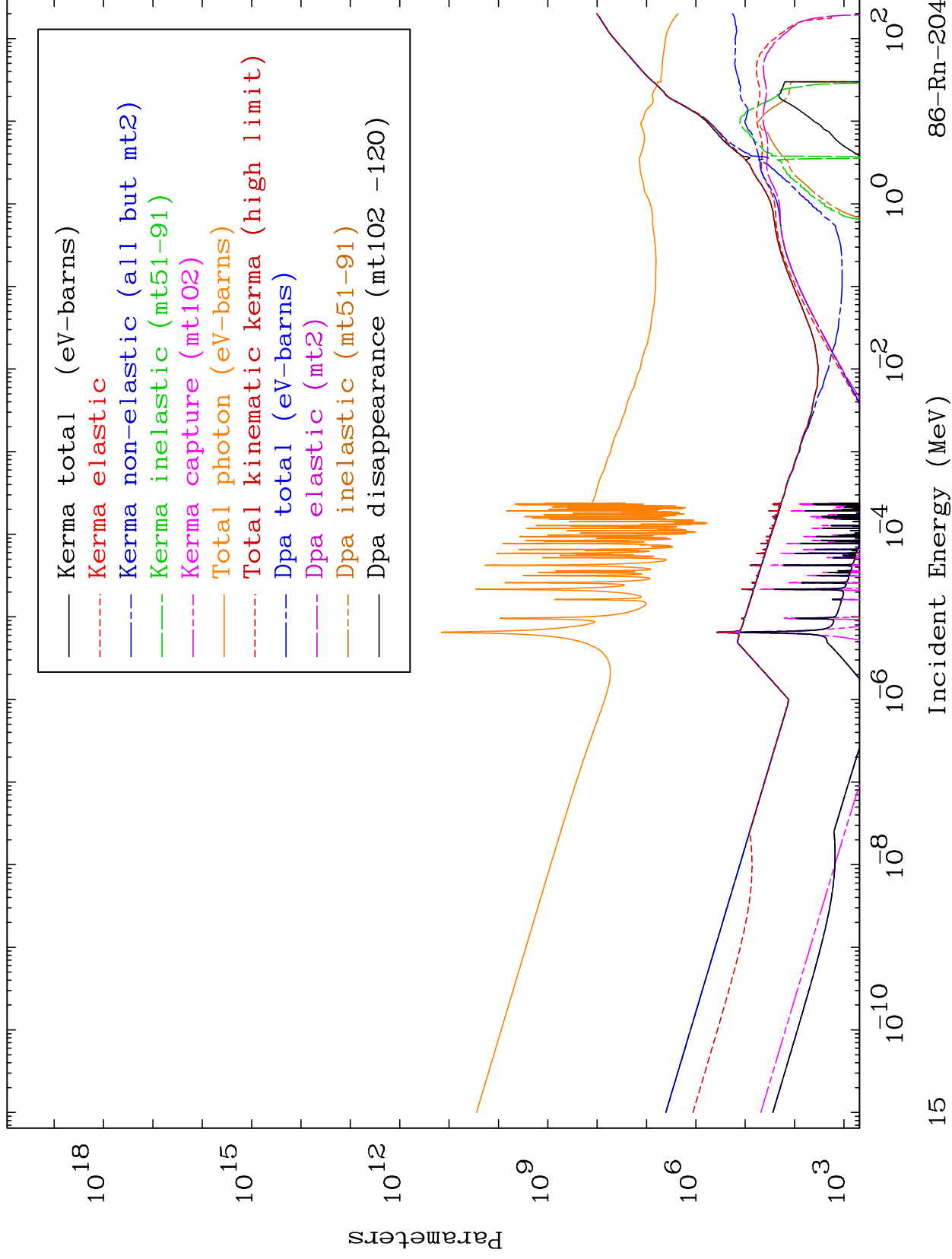
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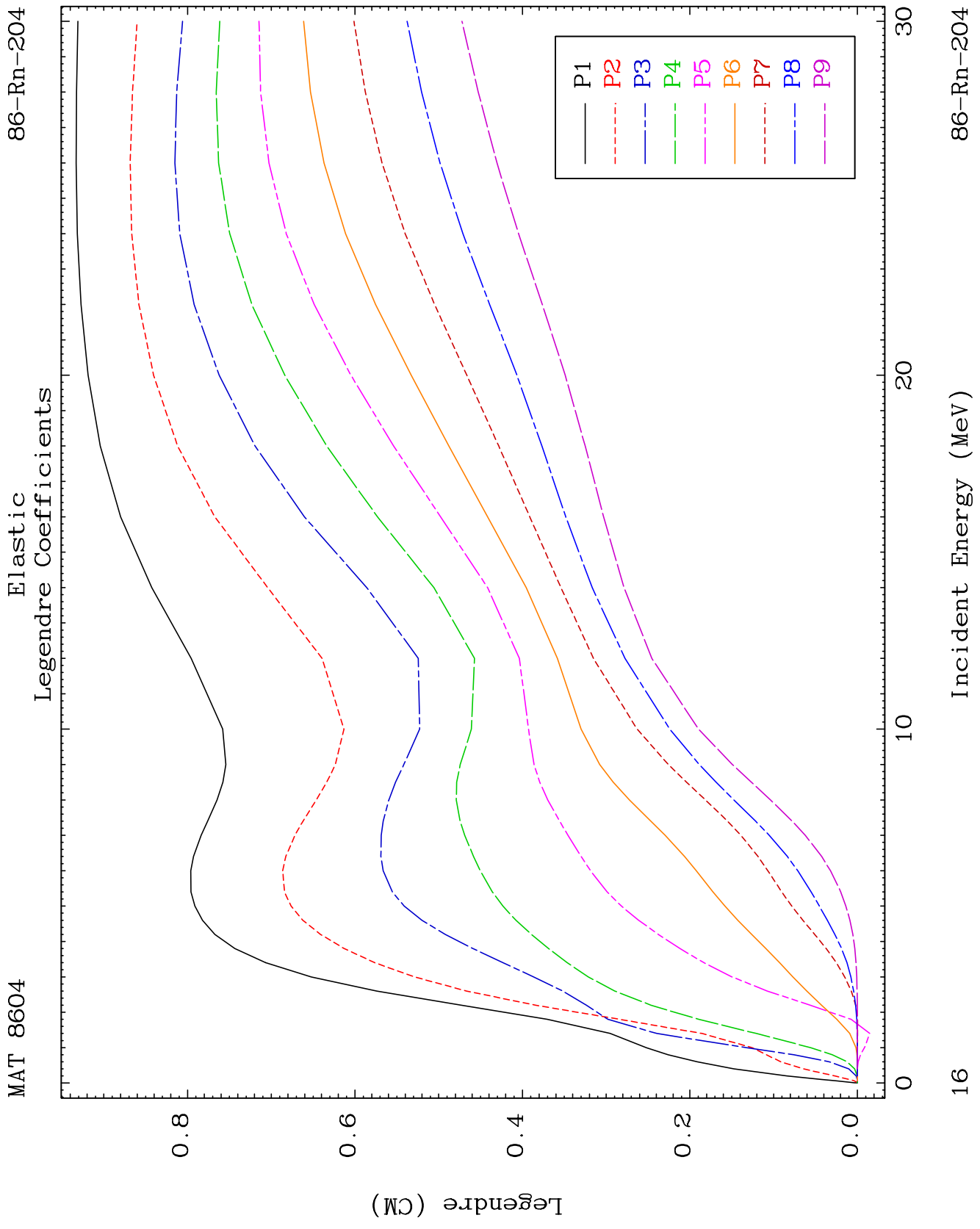


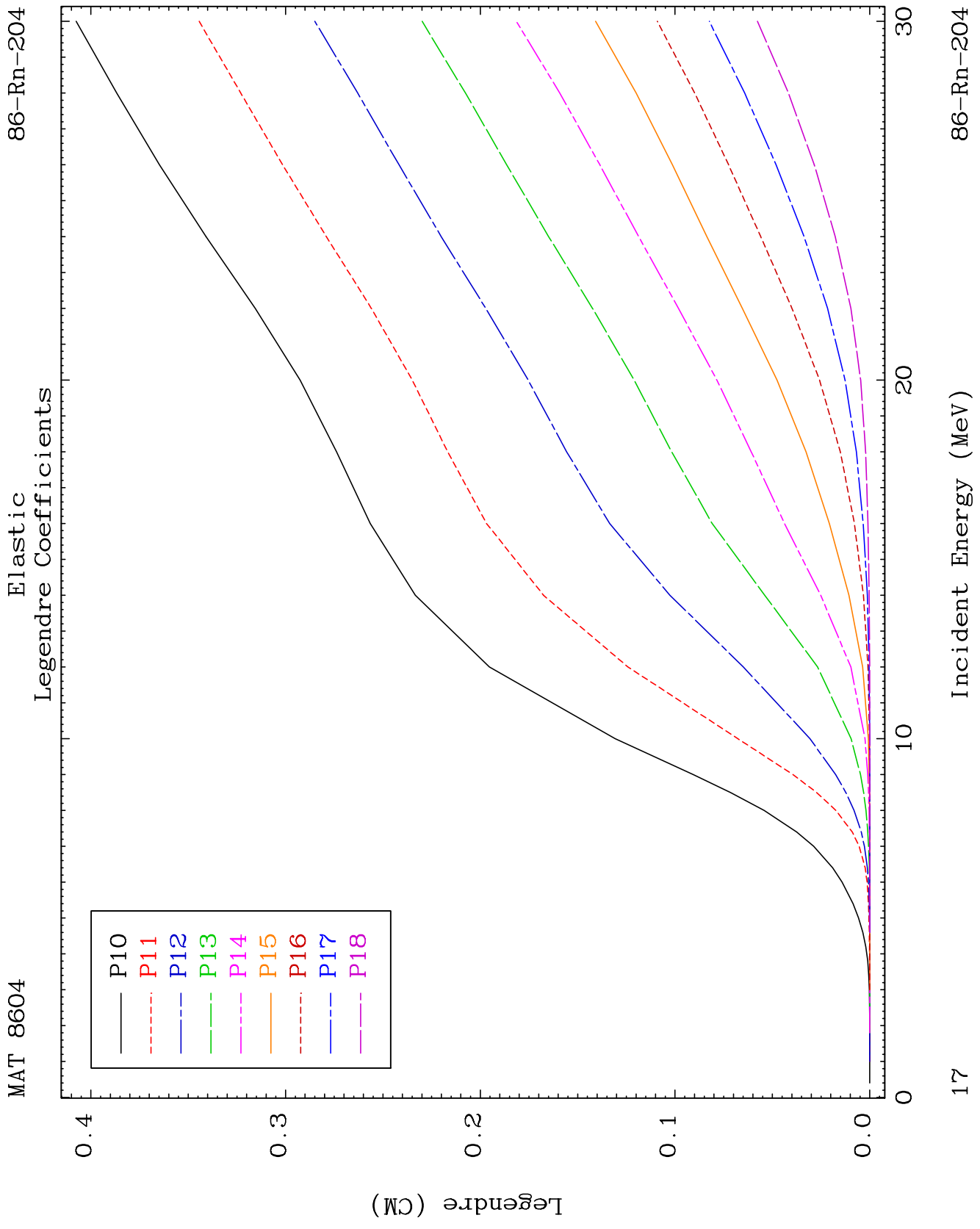
14

Incident Energy (MeV)

86-Rn-204



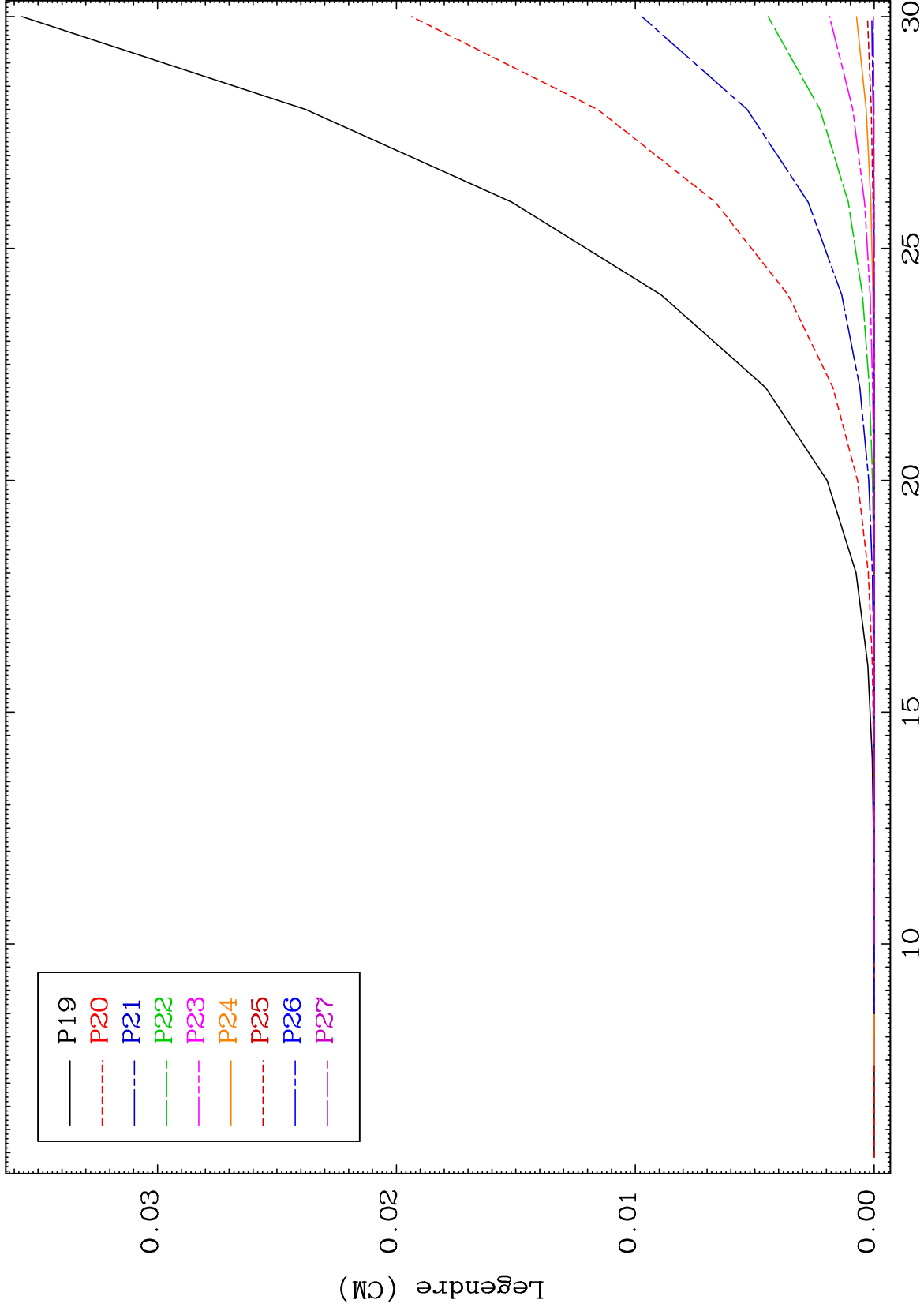




MAT 8604

Elastic
Legendre Coefficients

86-Rn-204



18

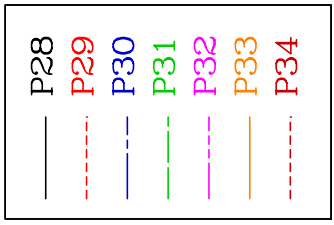
Incident Energy (MeV)

86-Rn-204

MAT 8604

Elastic Legendre Coefficients

86-Rn-204



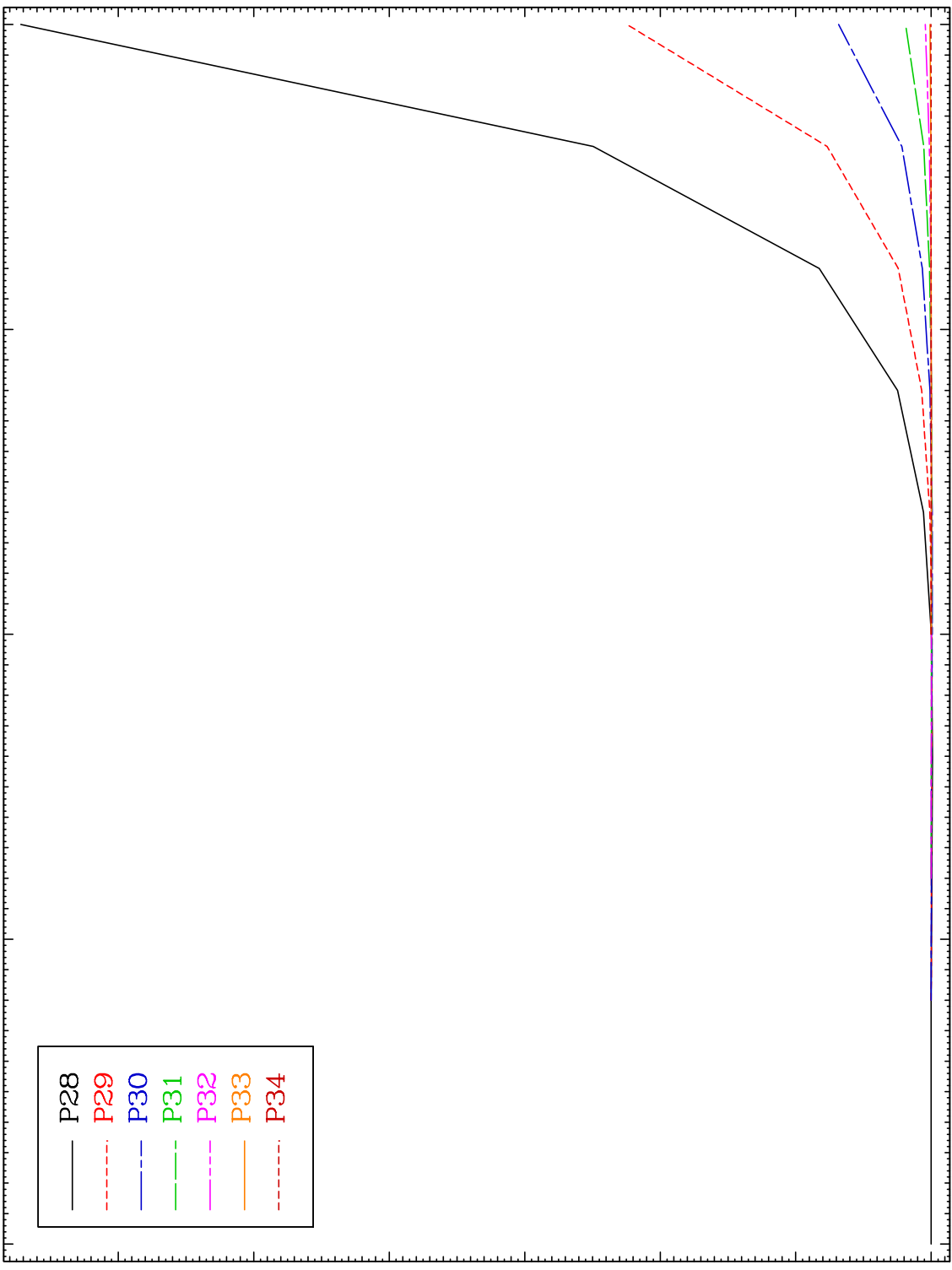
$\times 10^{-5}$
1.2
1.0
0.8
0.6
0.4
0.2
0.0

Legendre (CM)

10 15 20 25 30

Incident Energy (MeV)

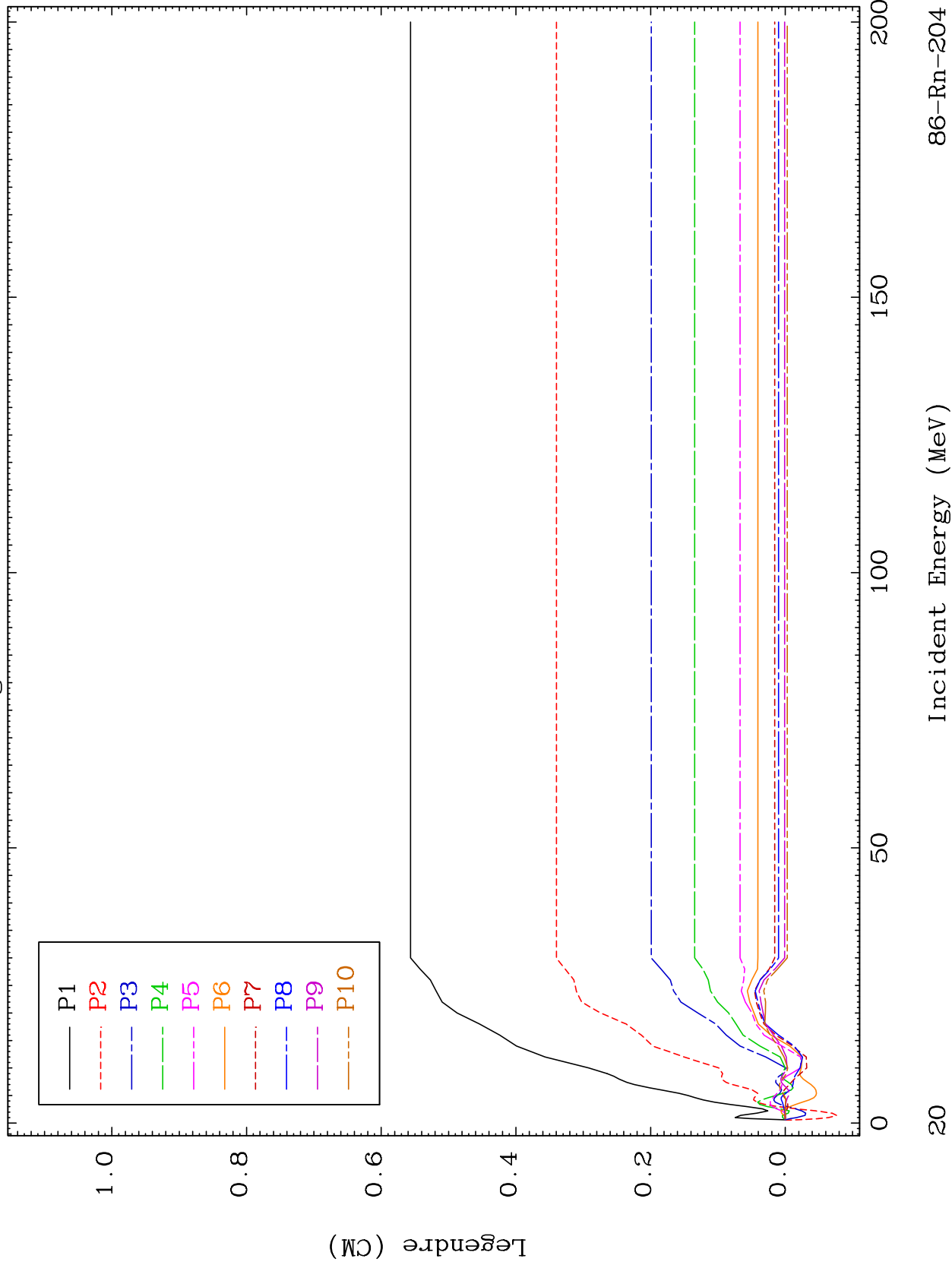
86-Rn-204



MAT 8604

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

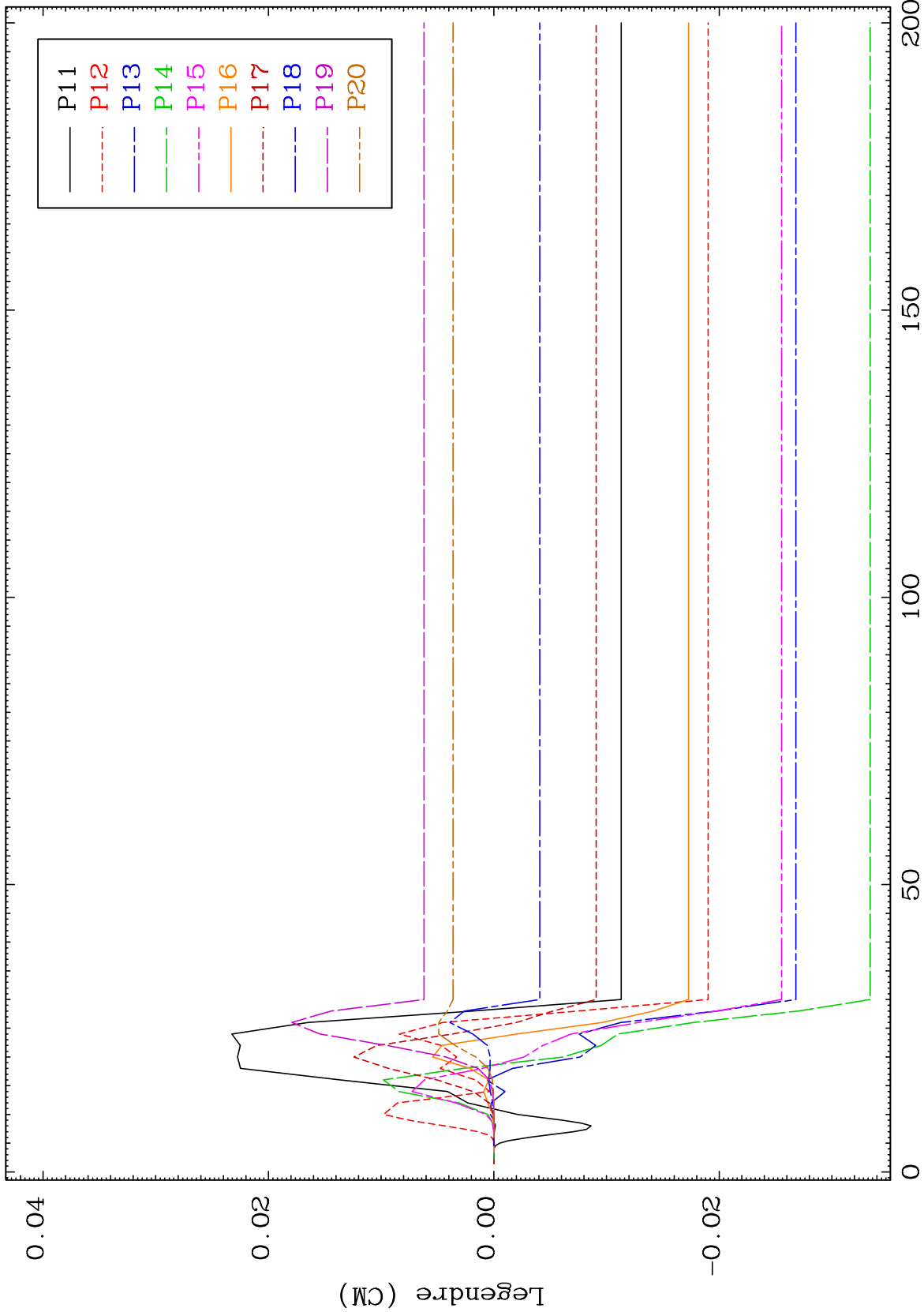
86-Rn-204



MAT 8604

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

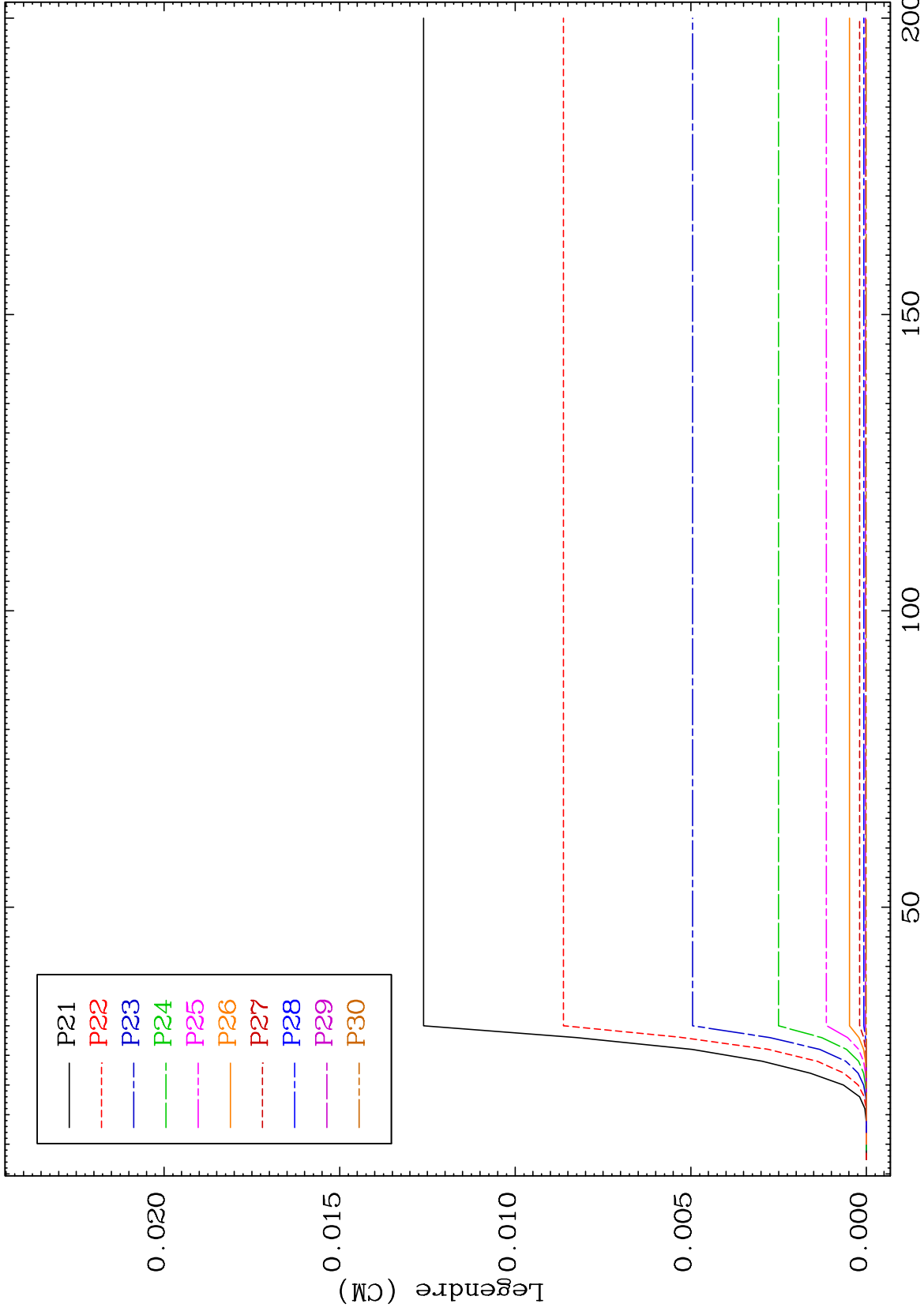
86-Rn-204



21

Incident Energy (MeV)

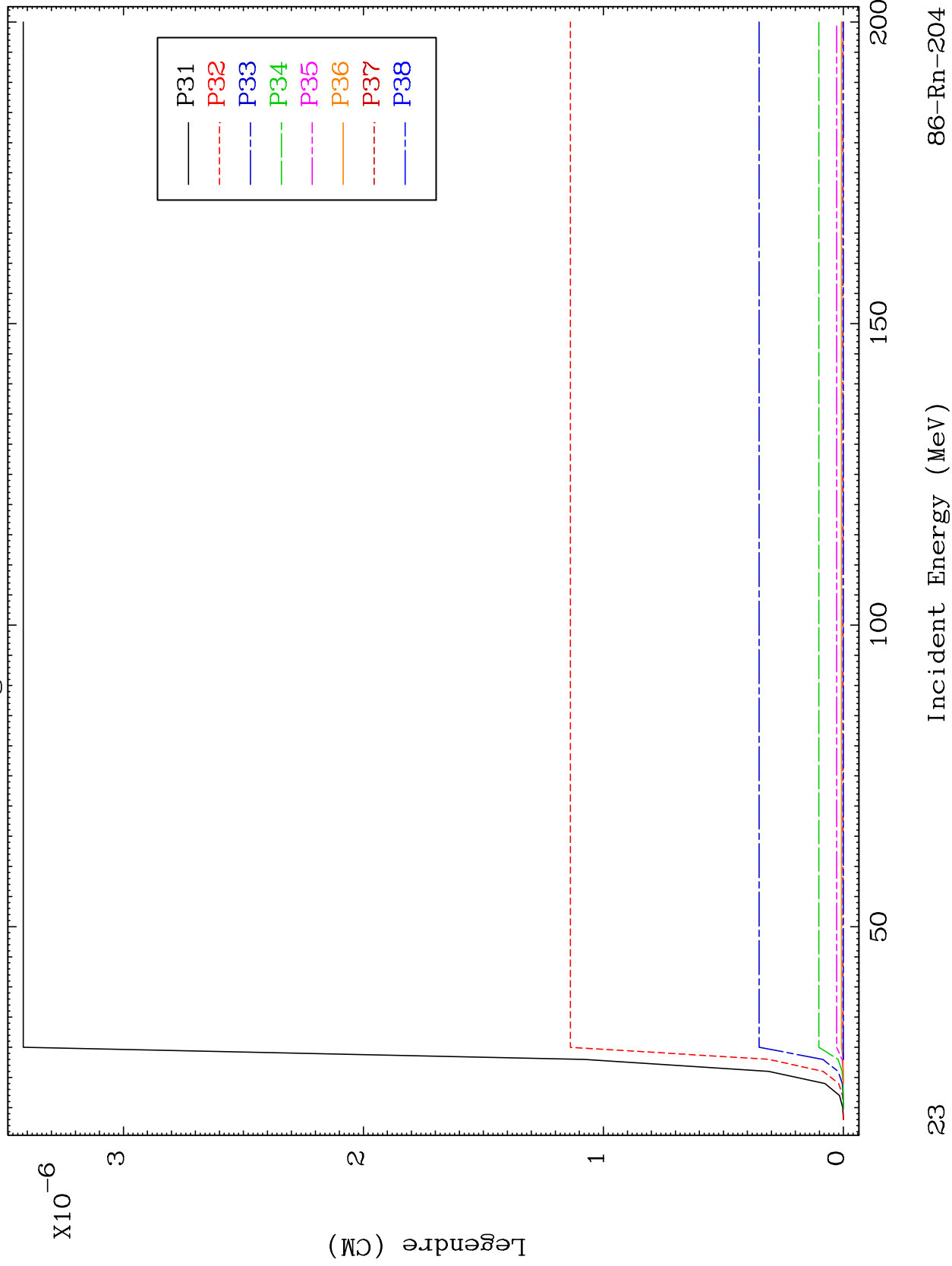
86-Rn-204



MAT 8604

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

86-Rn-204

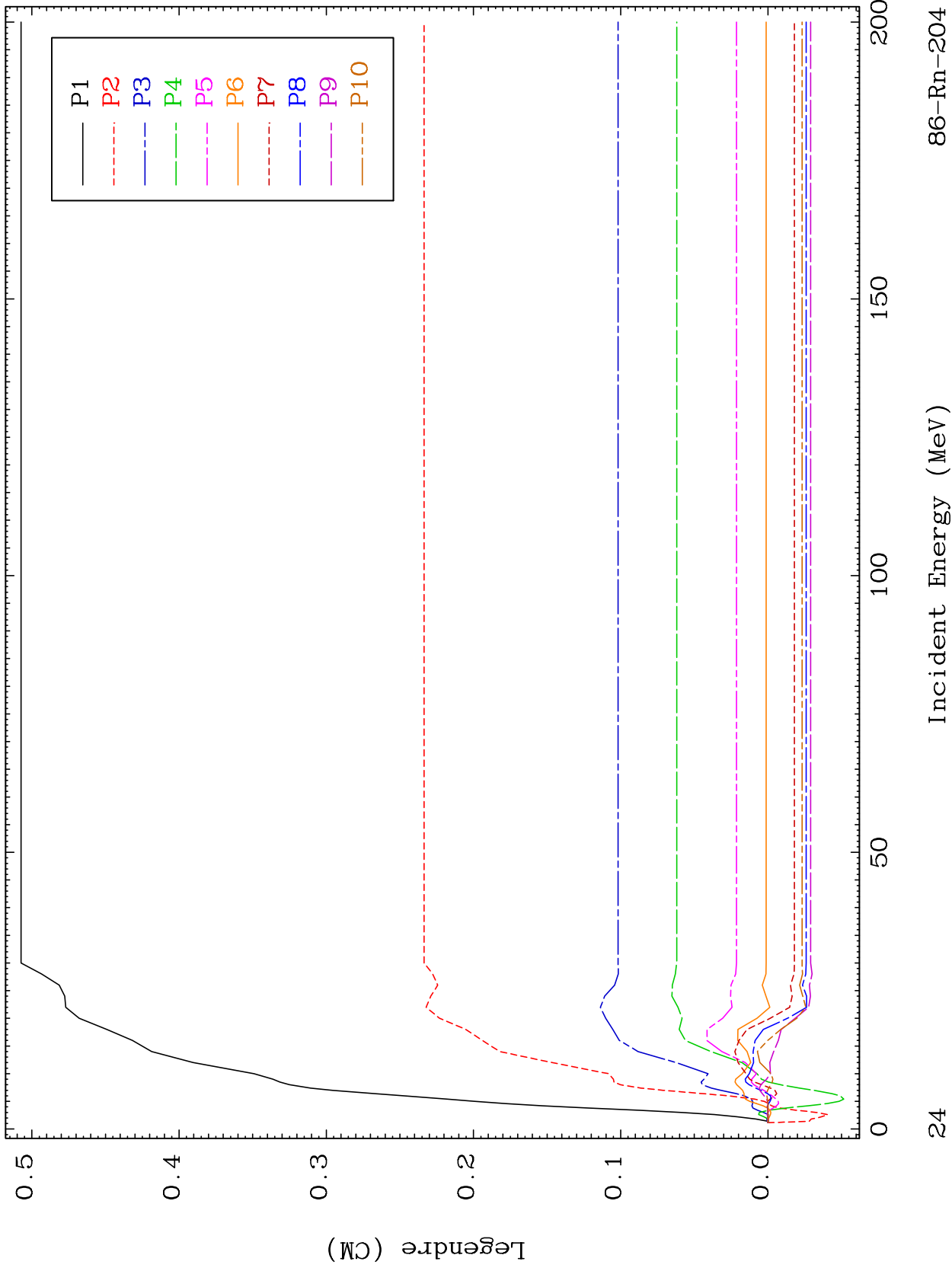


23

MAT 8604

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

86-Rn-204



86-Rn-204

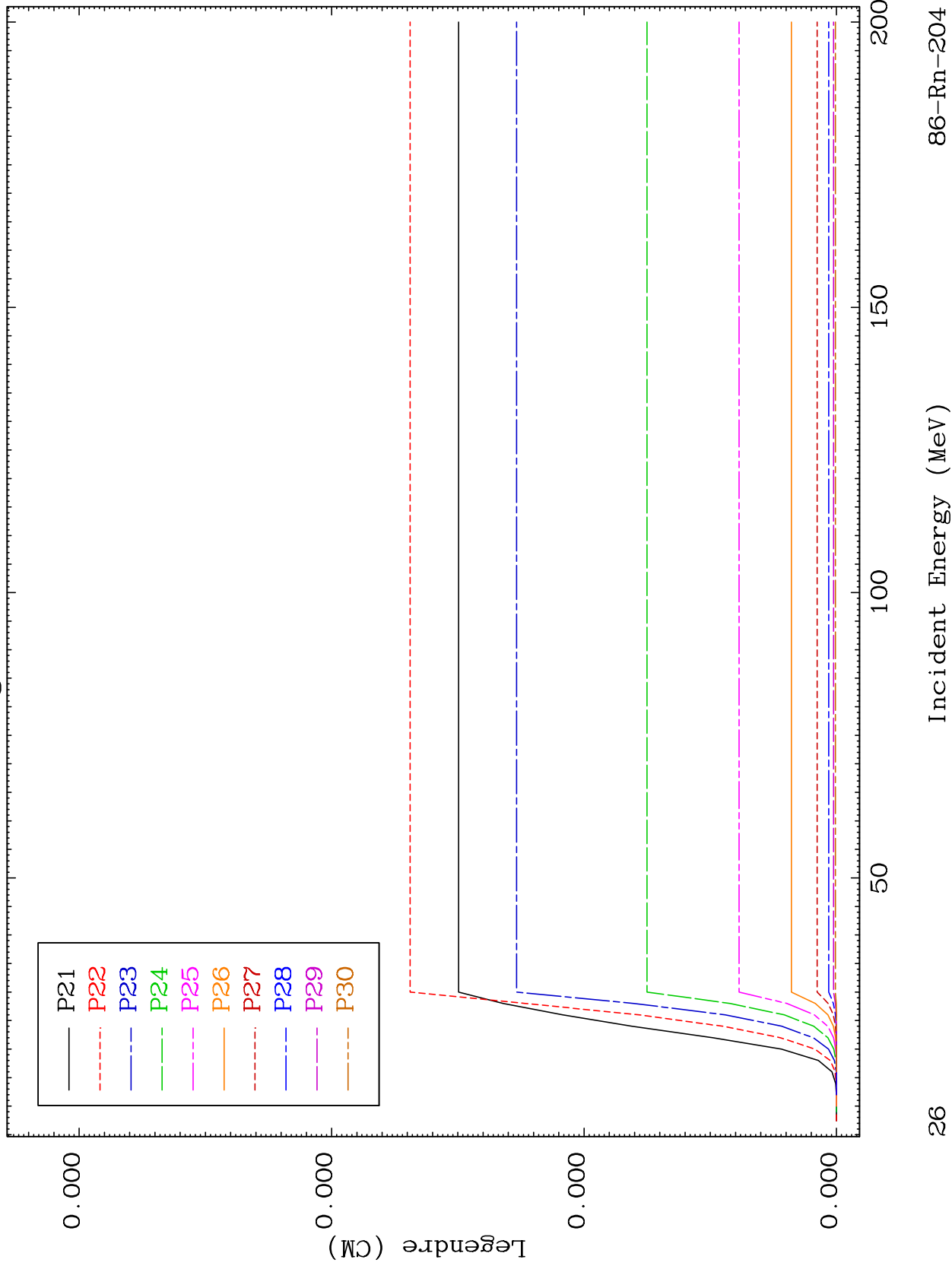
Incident Energy (MeV)

24

MAT 8604

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

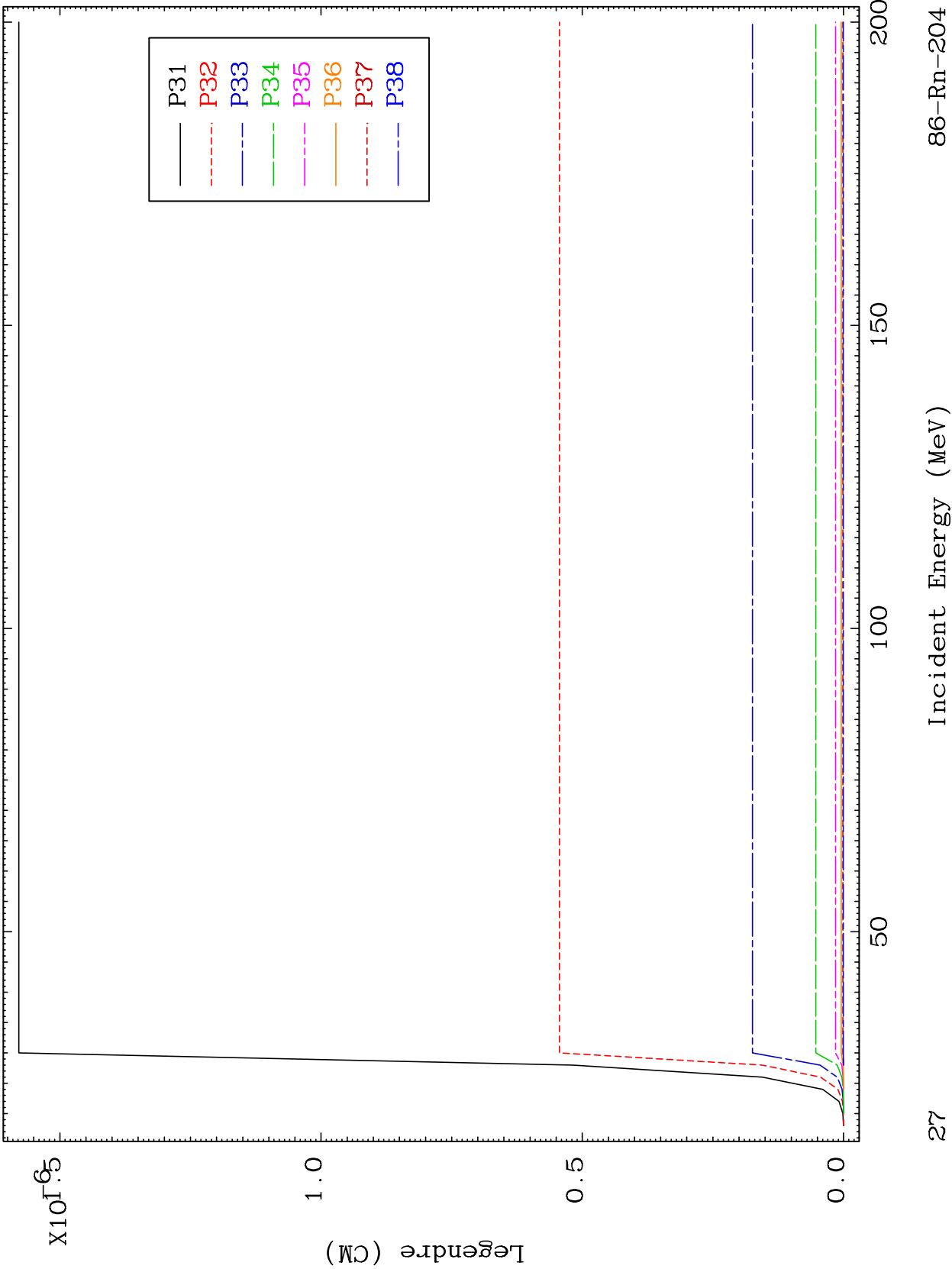
86-Rn-204



26

Incident Energy (MeV)

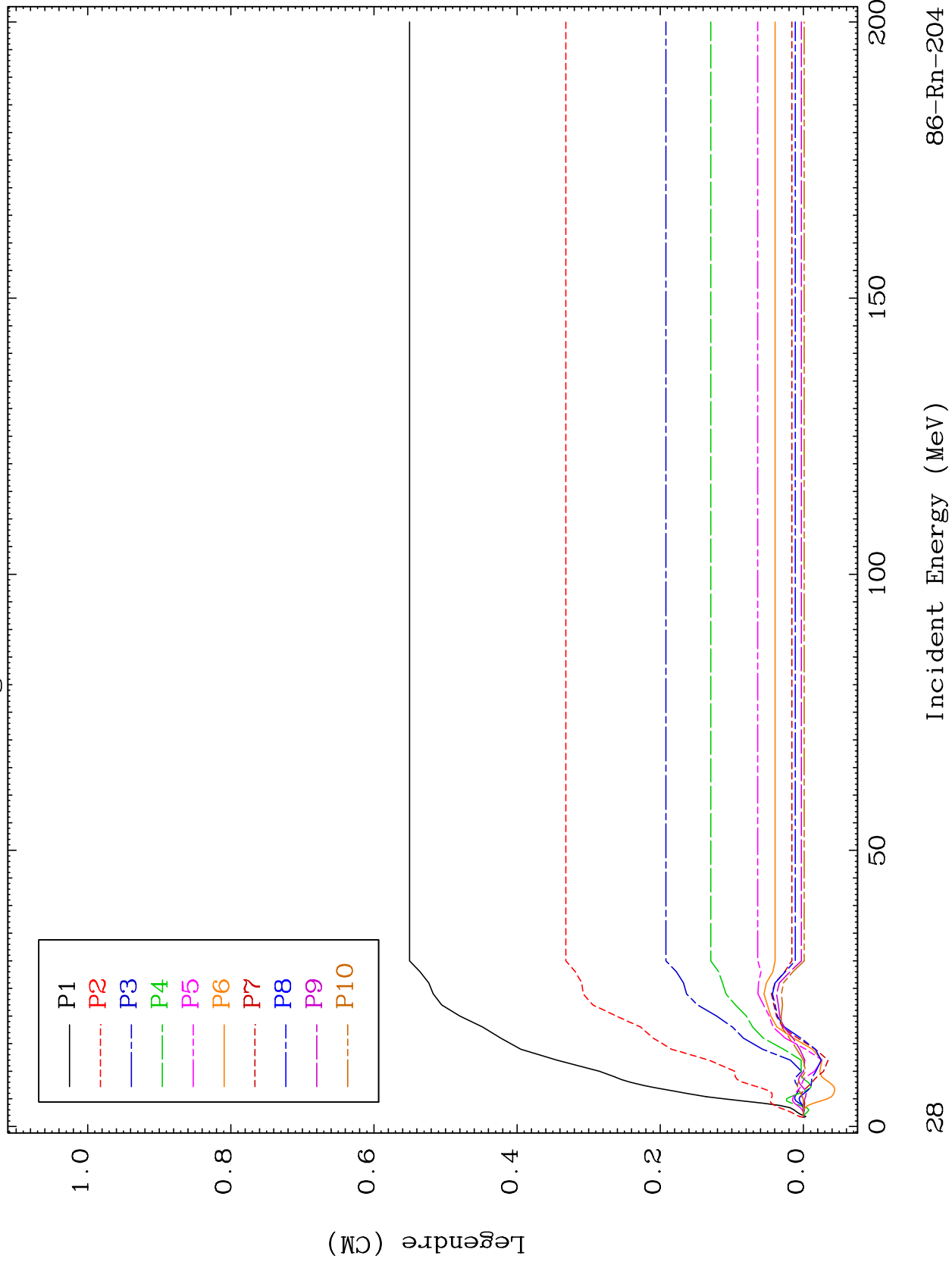
86-Rn-204



MAT 8604

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

86-Rn-204



86-Rn-204

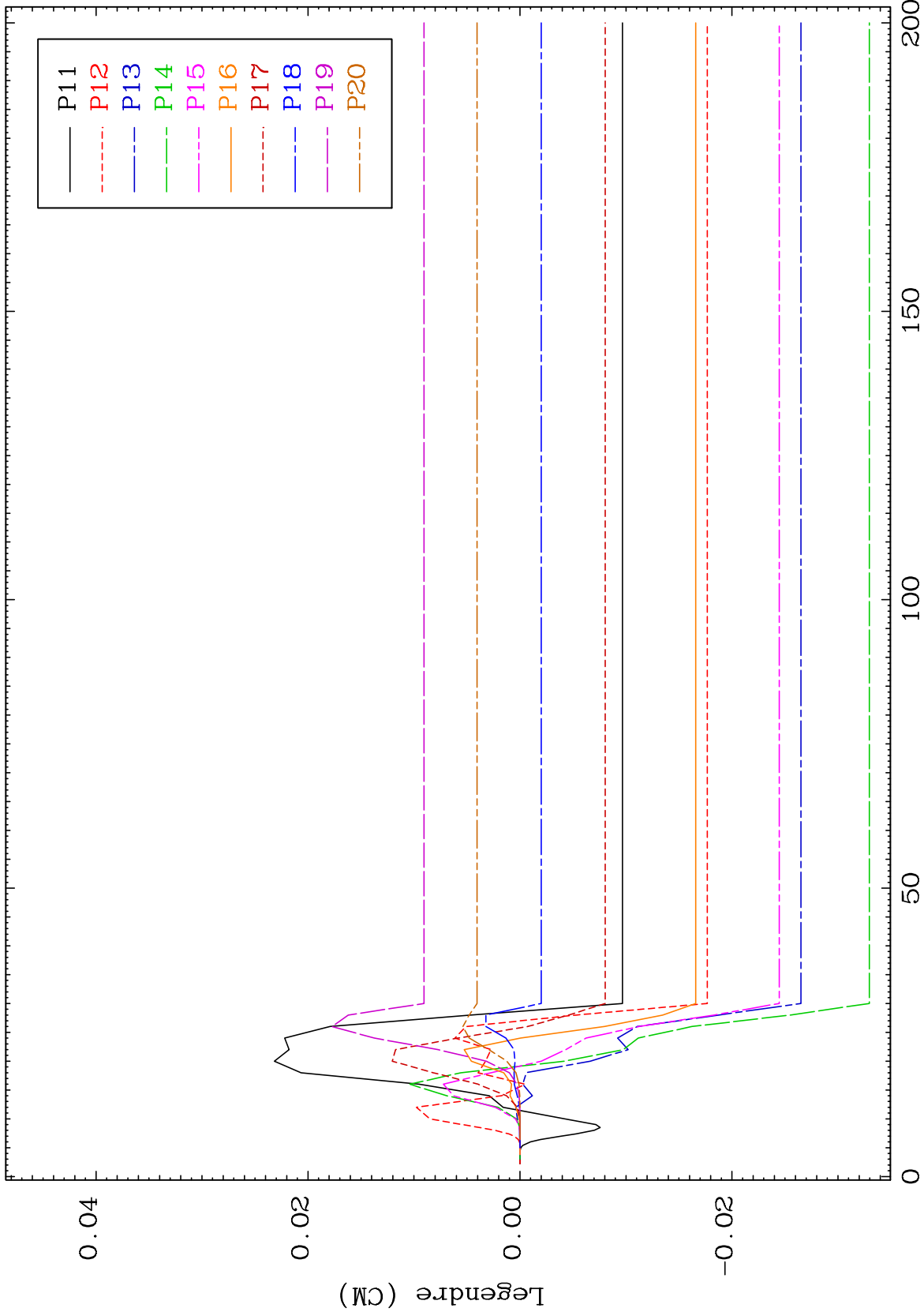
Incident Energy (MeV)

28

MAT 8604

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

86-Rn-204



29

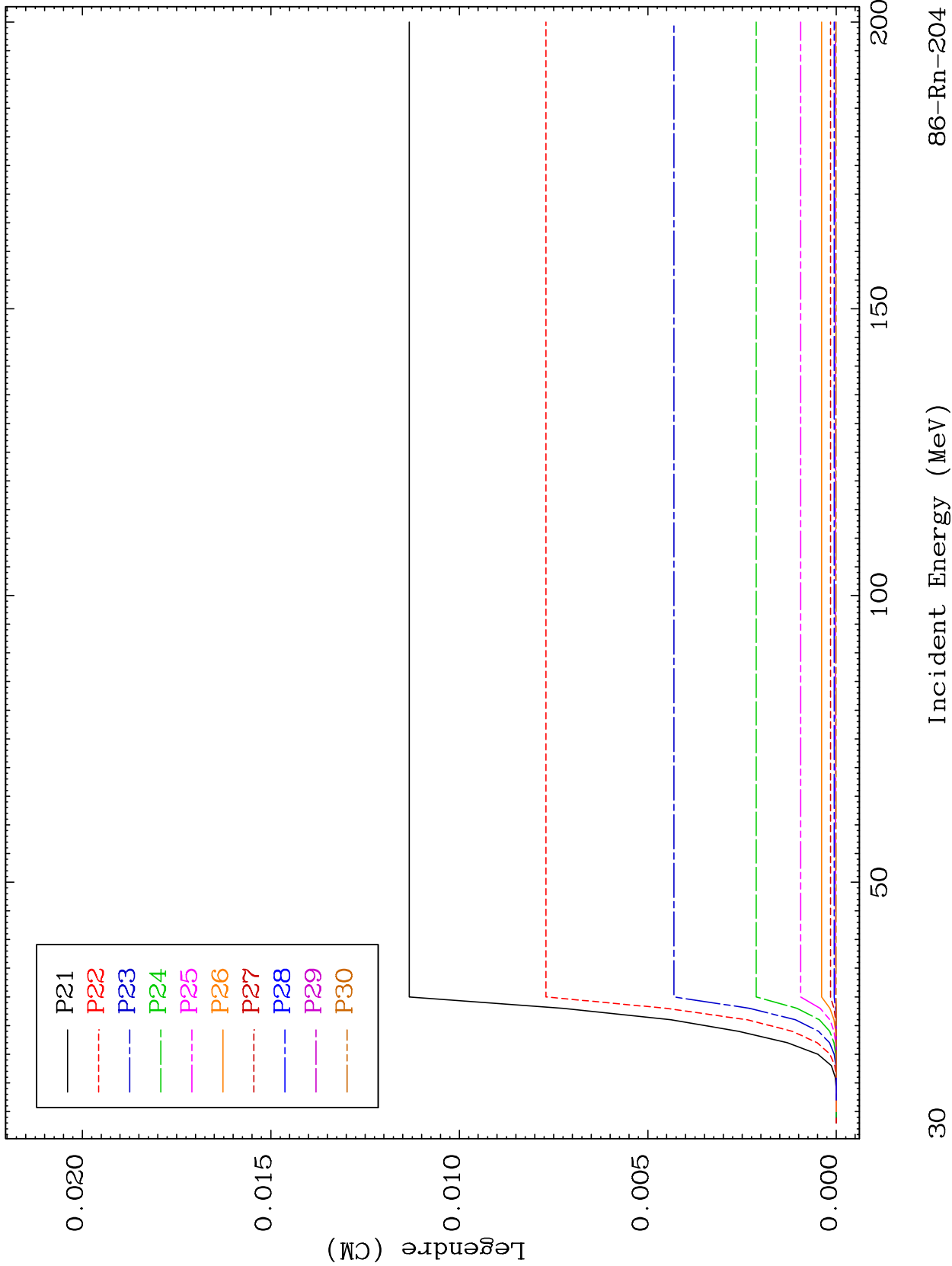
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



30

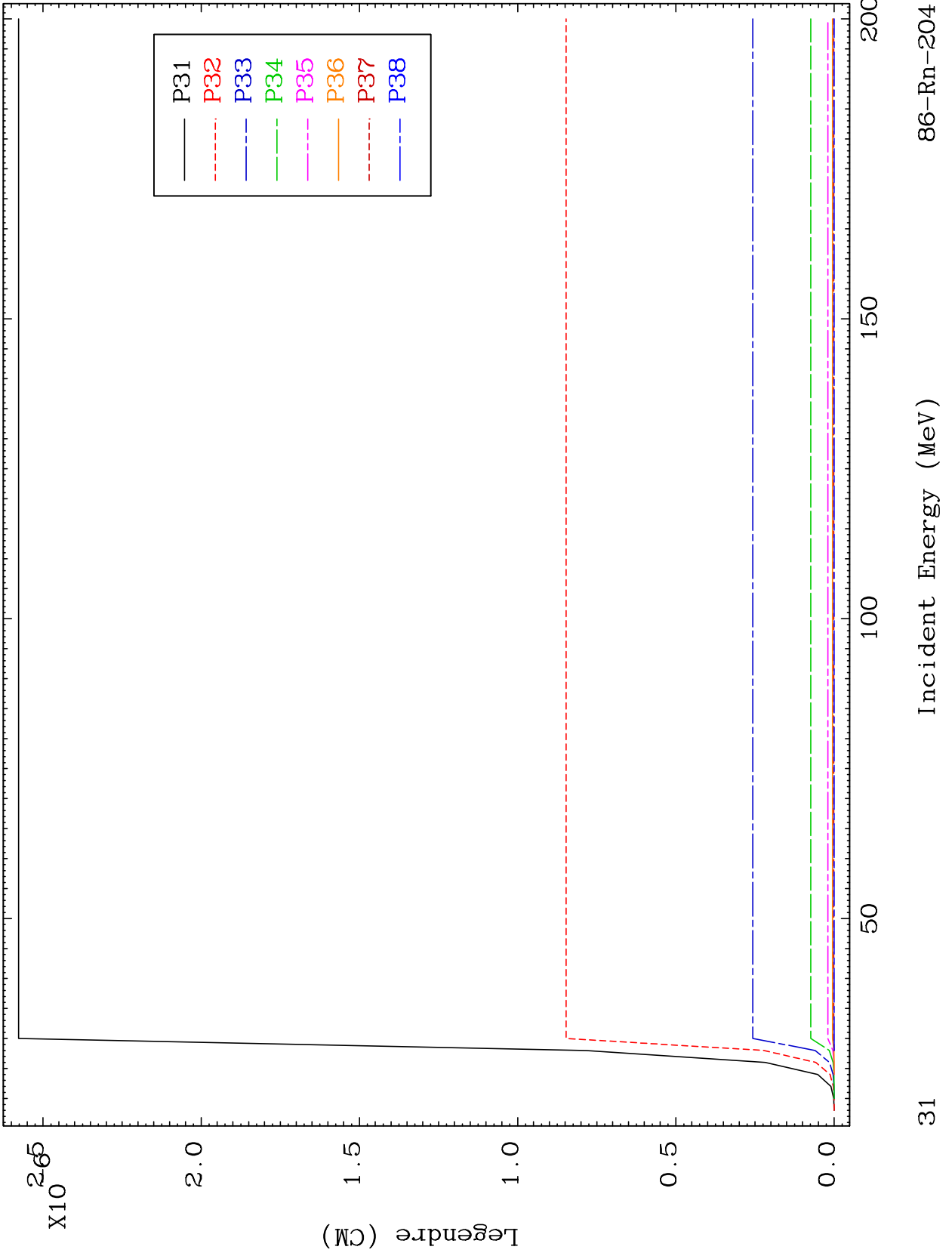
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



31

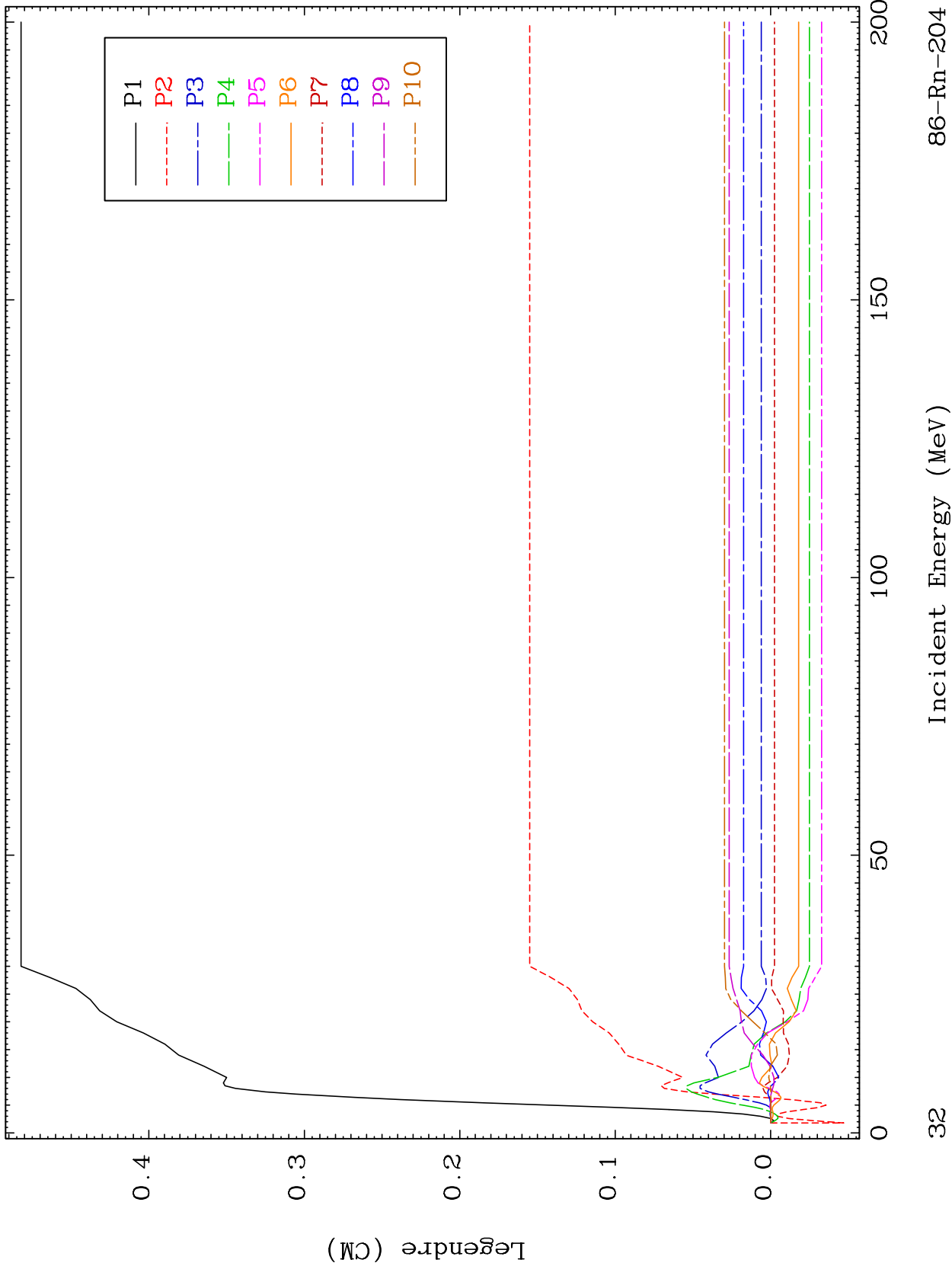
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



86-Rn-204

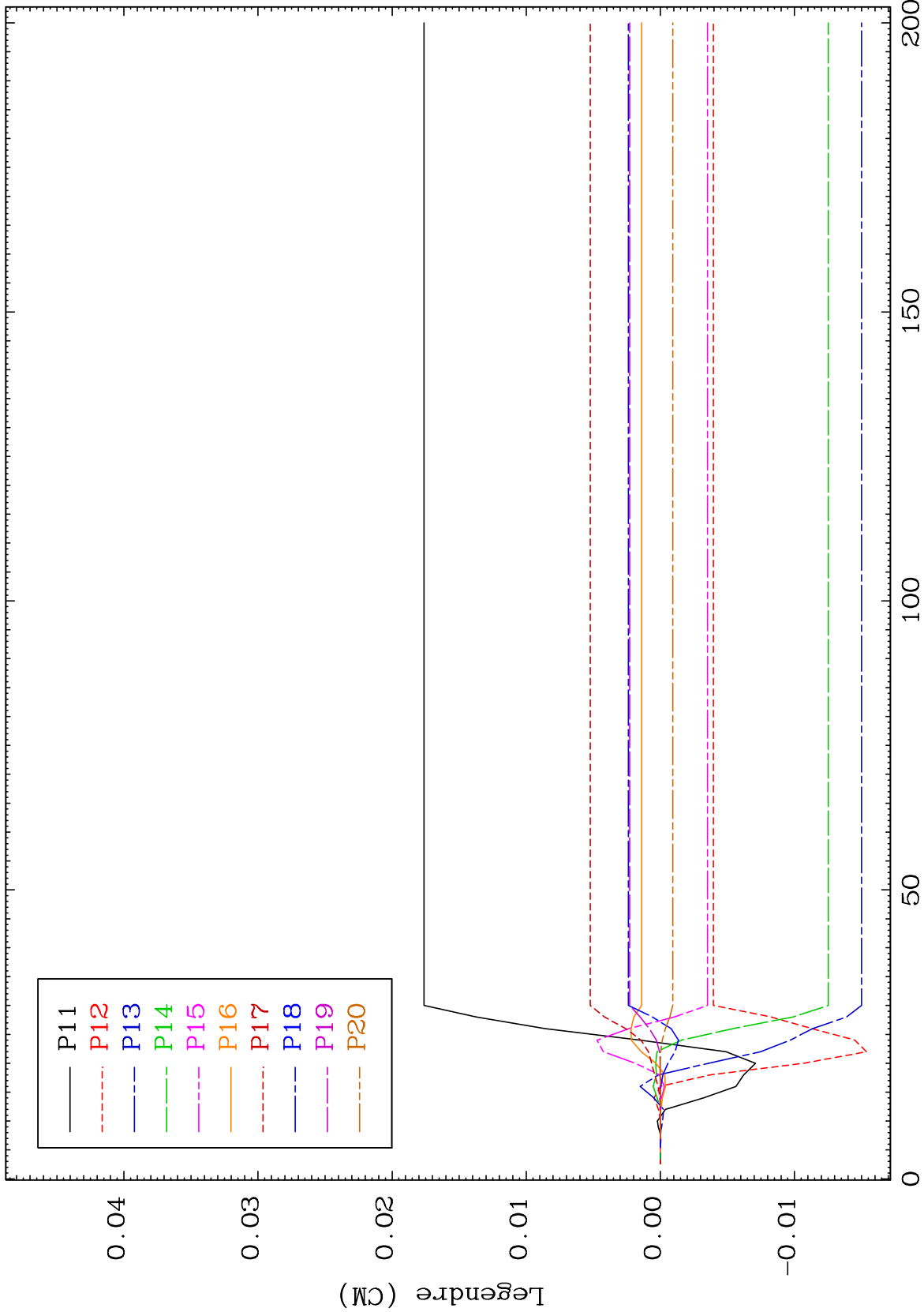
Incident Energy (MeV)

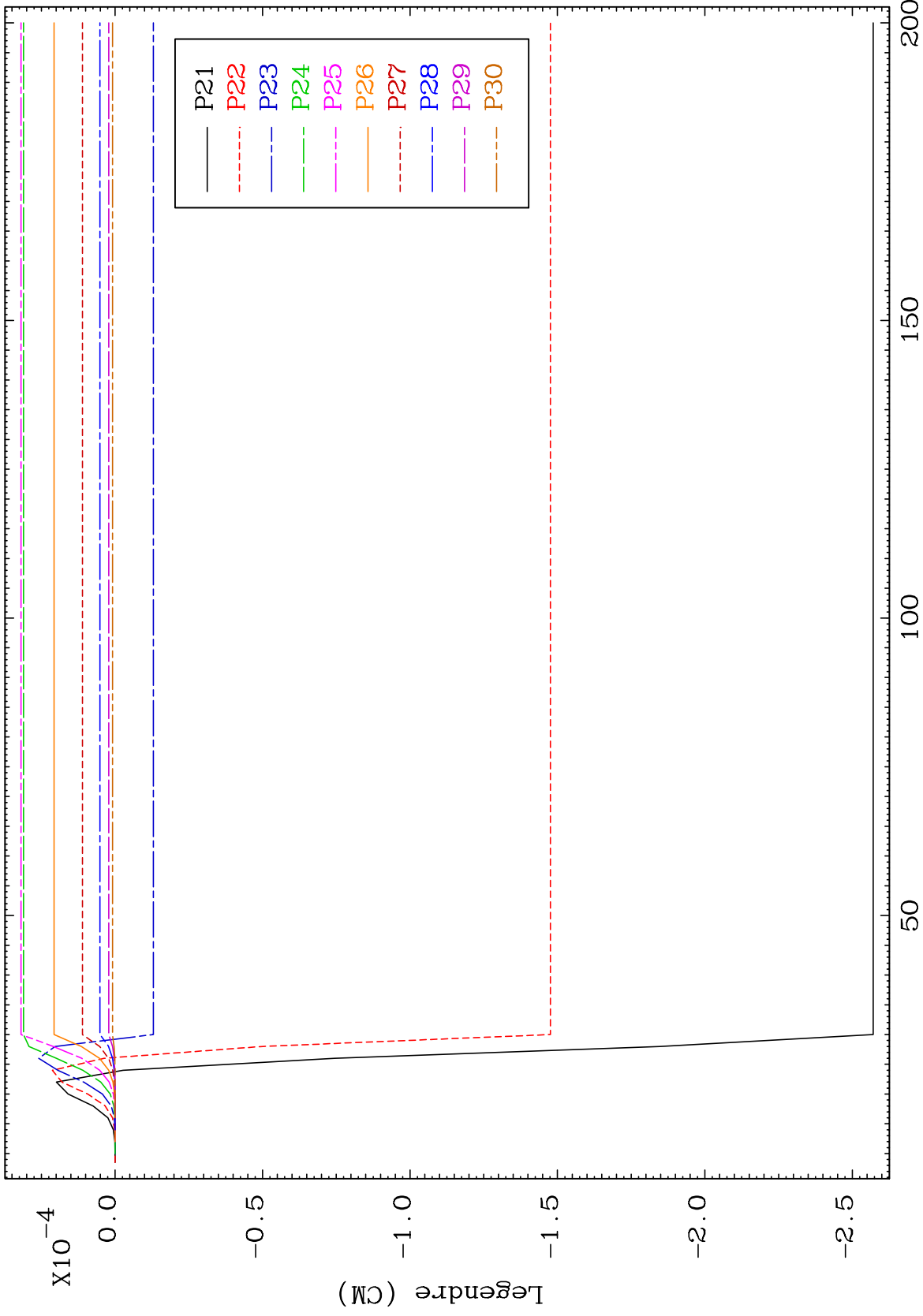
32

MAT 8604

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

86-Rn-204

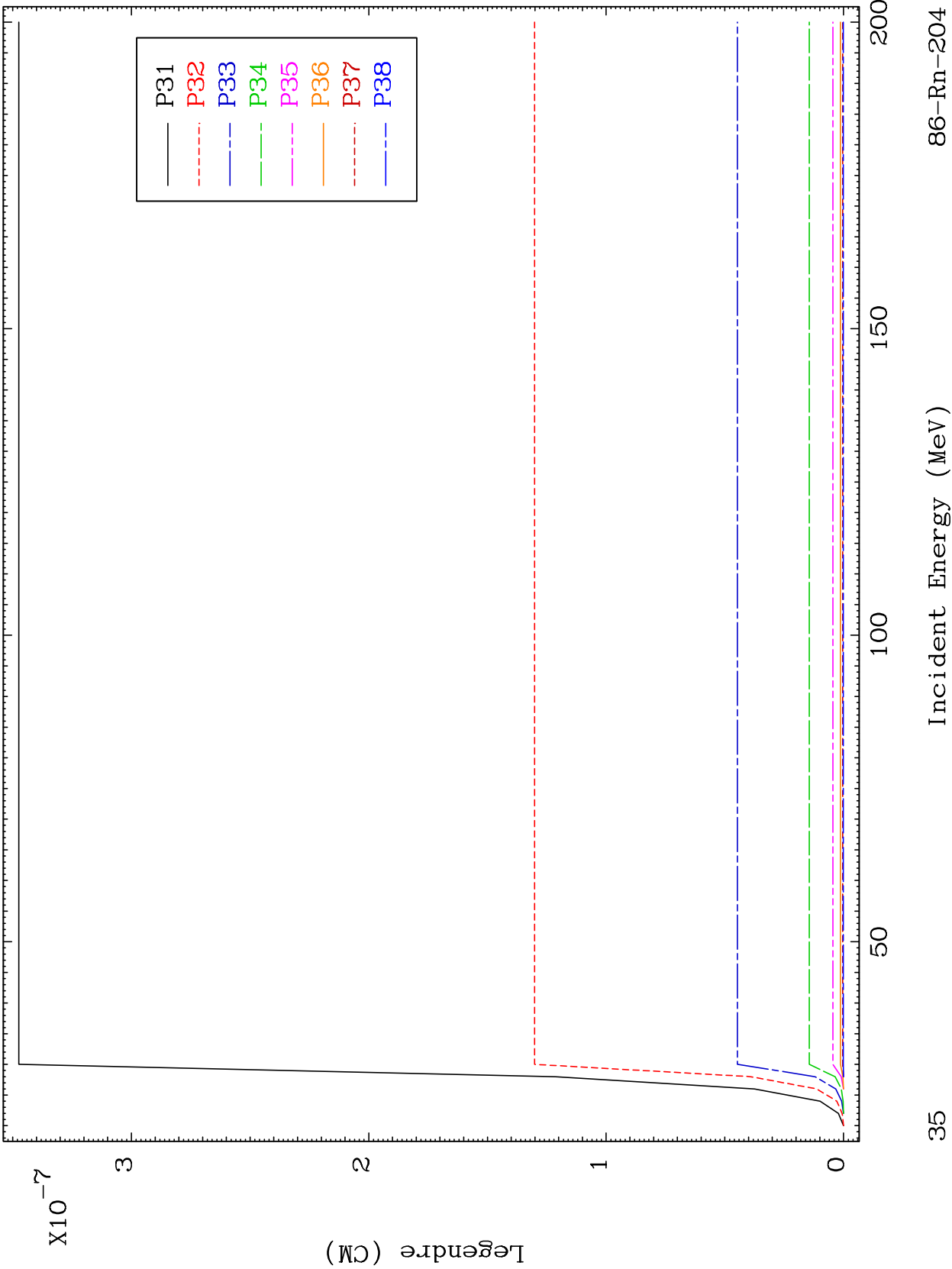




MAT 8604

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

86-Rn-204



35

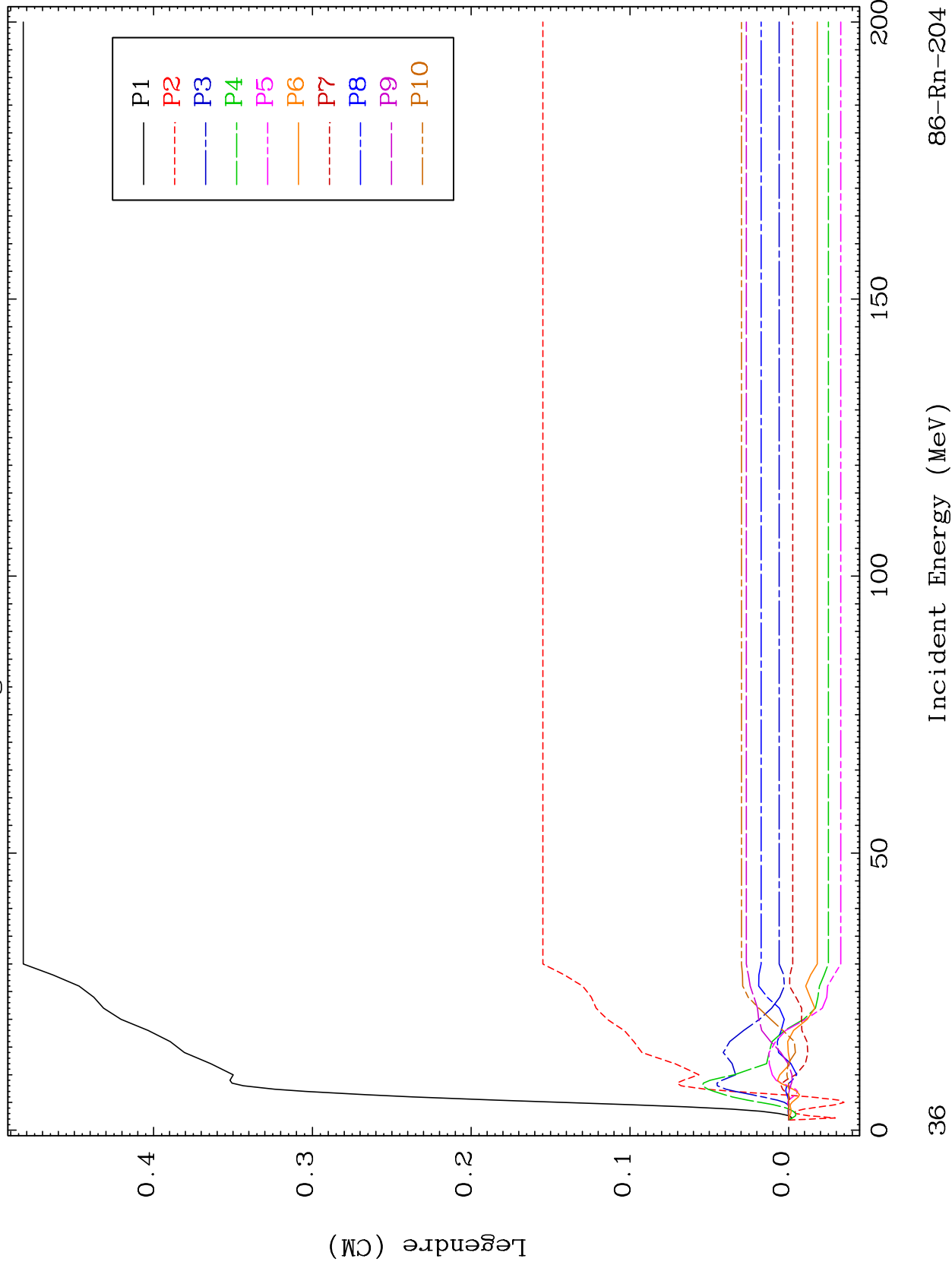
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



86-Rn-204

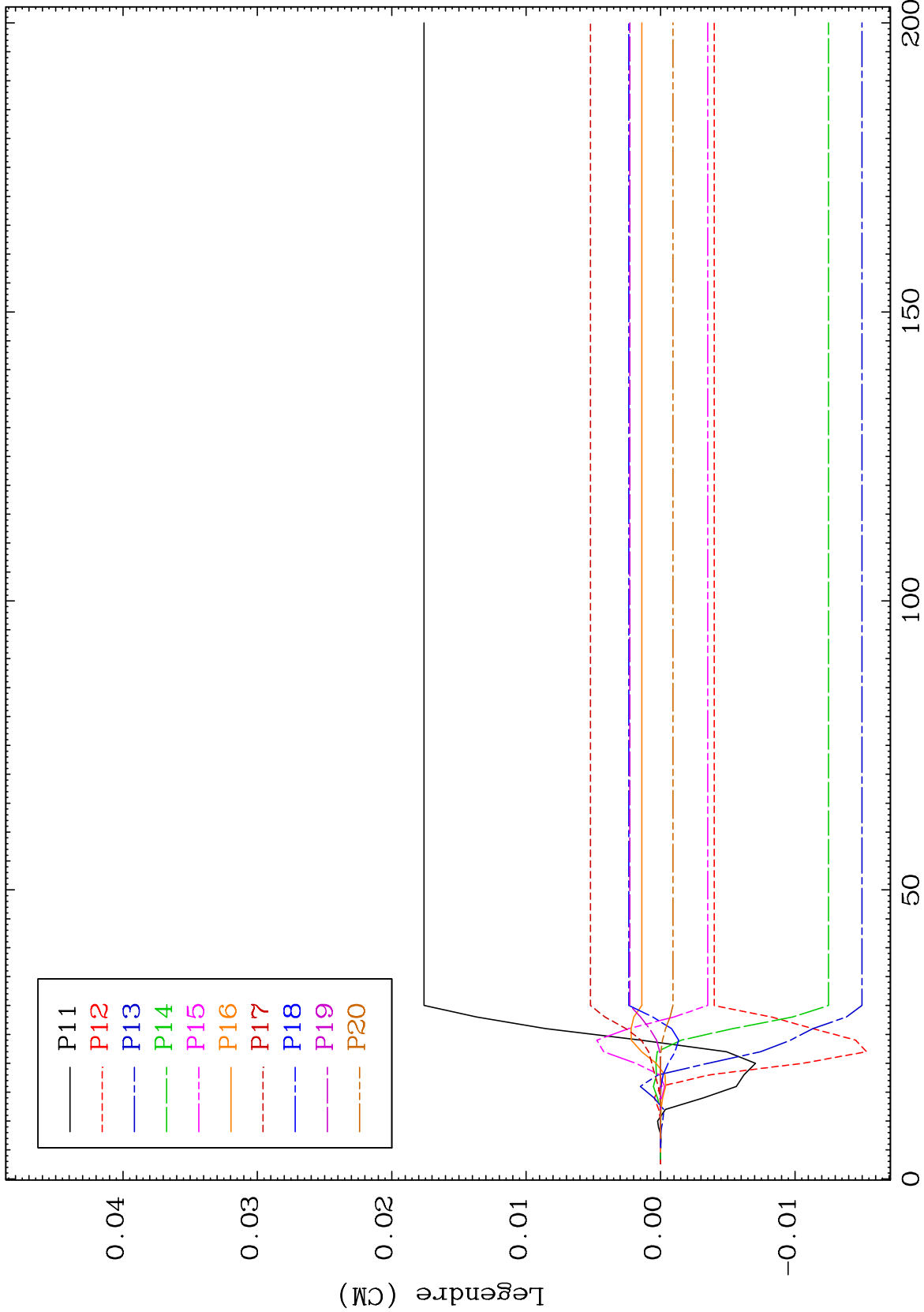
Incident Energy (MeV)

36

MAT 8604

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

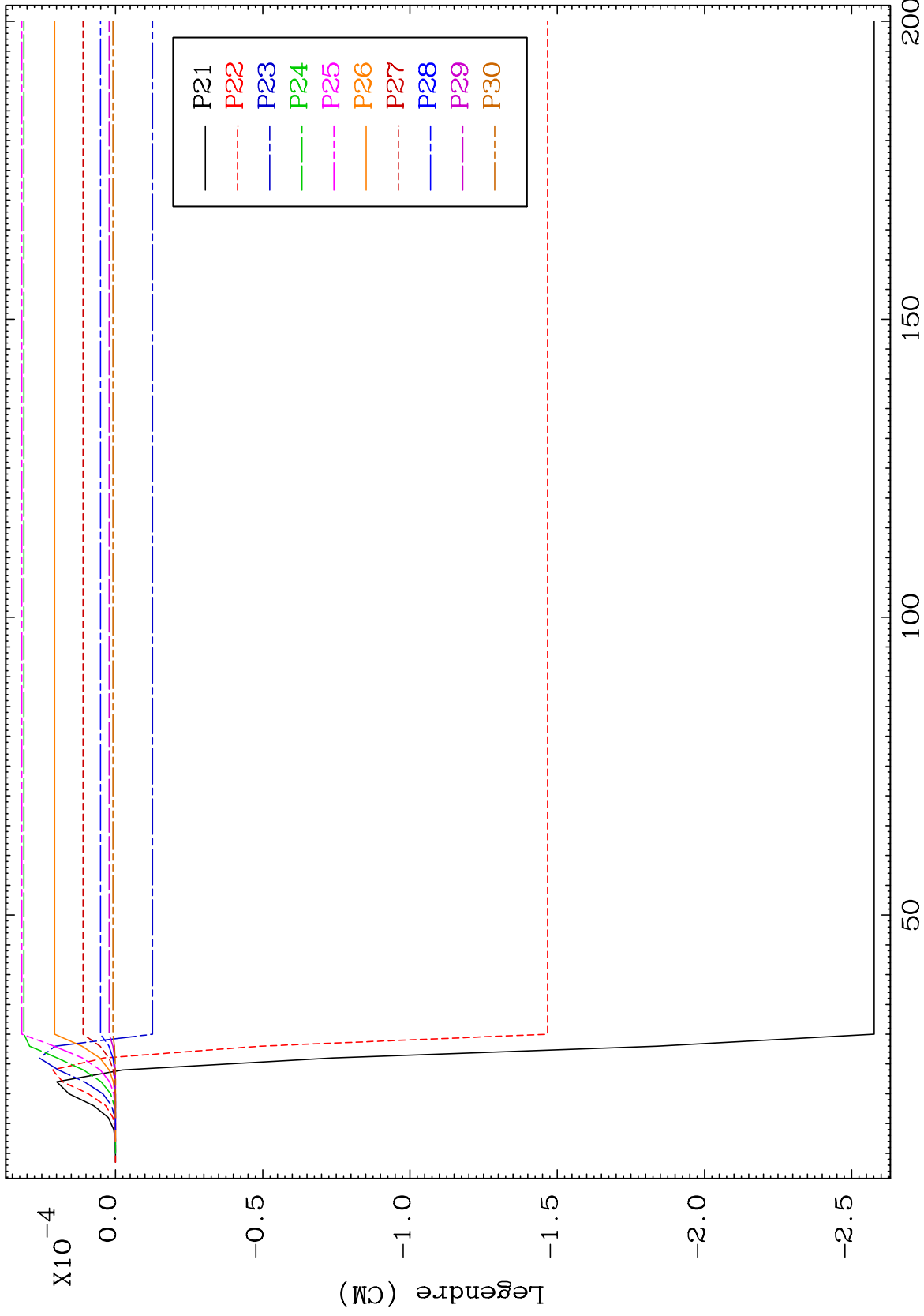
86-Rn-204



37

Incident Energy (MeV)

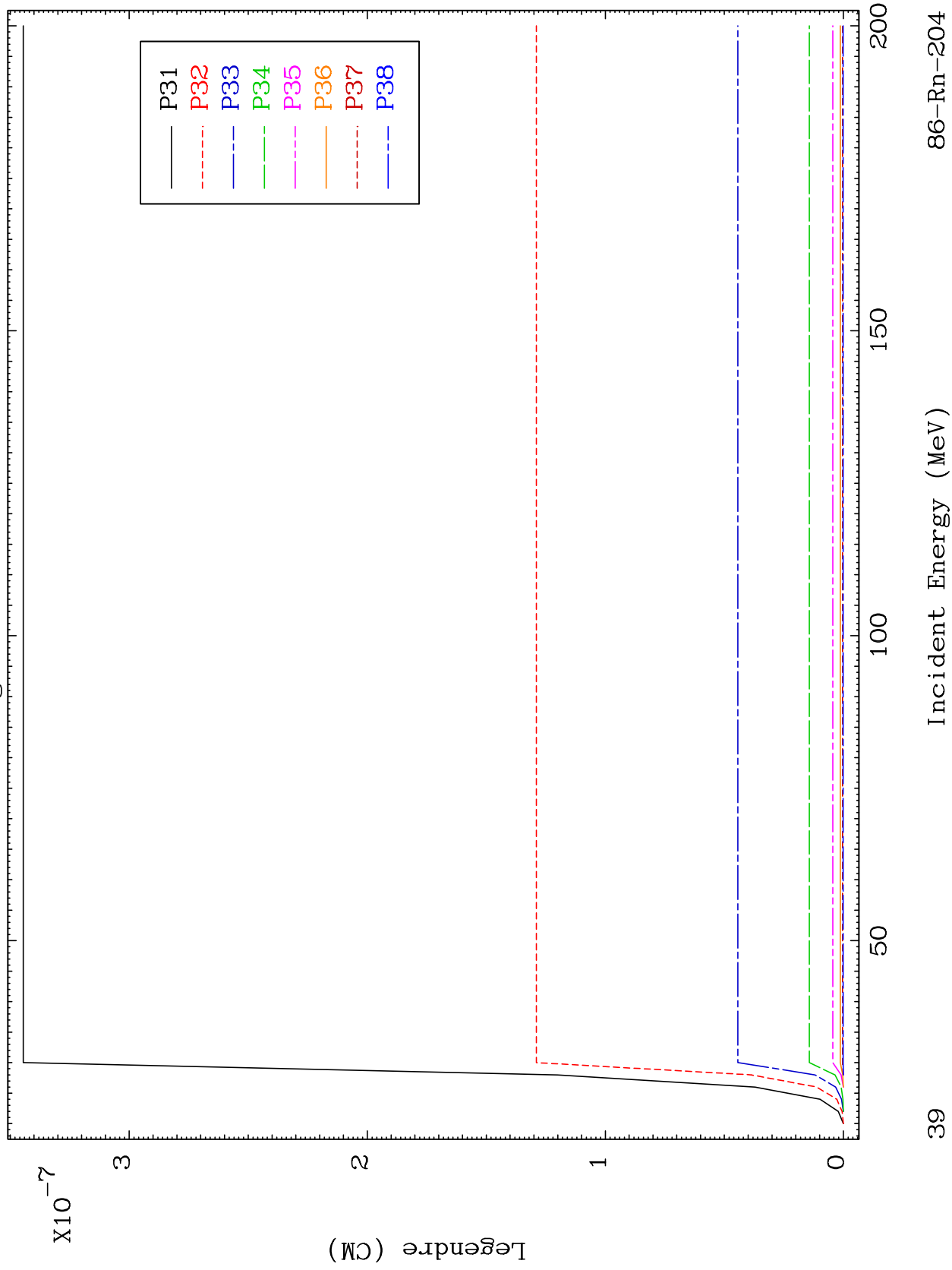
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MAT 8604

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

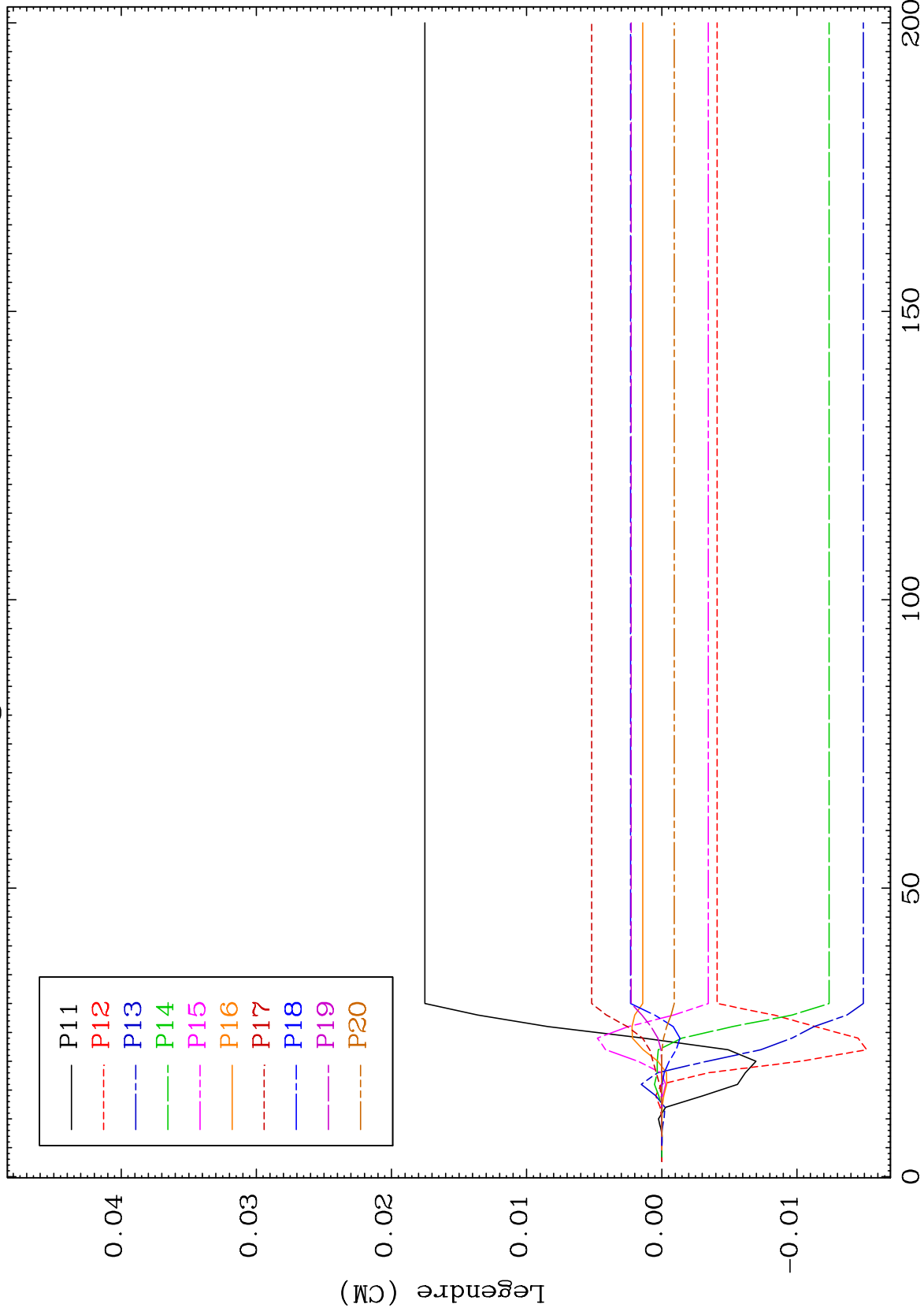
86-Rn-204



MAT 8604

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

86-Rn-204



41

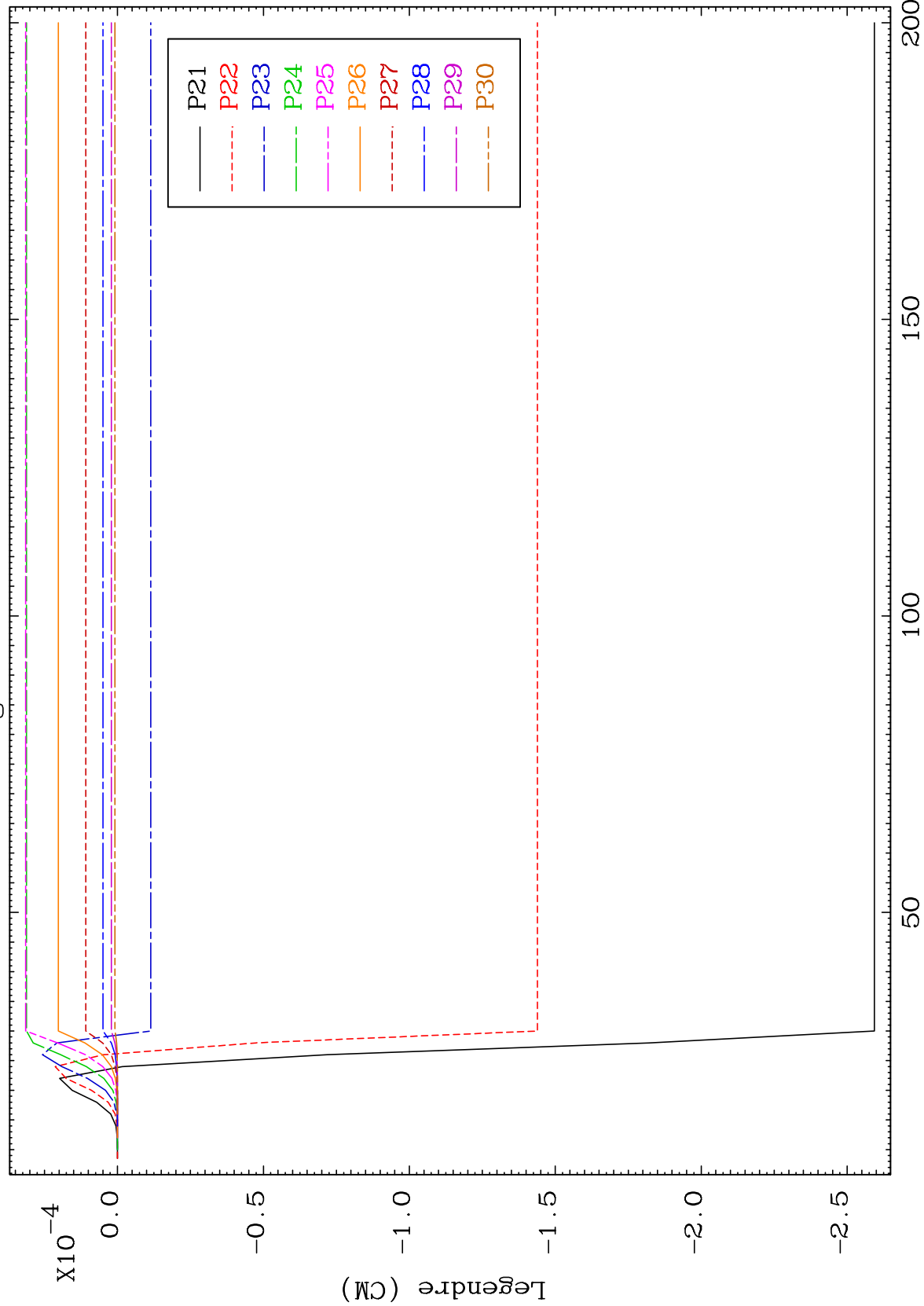
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



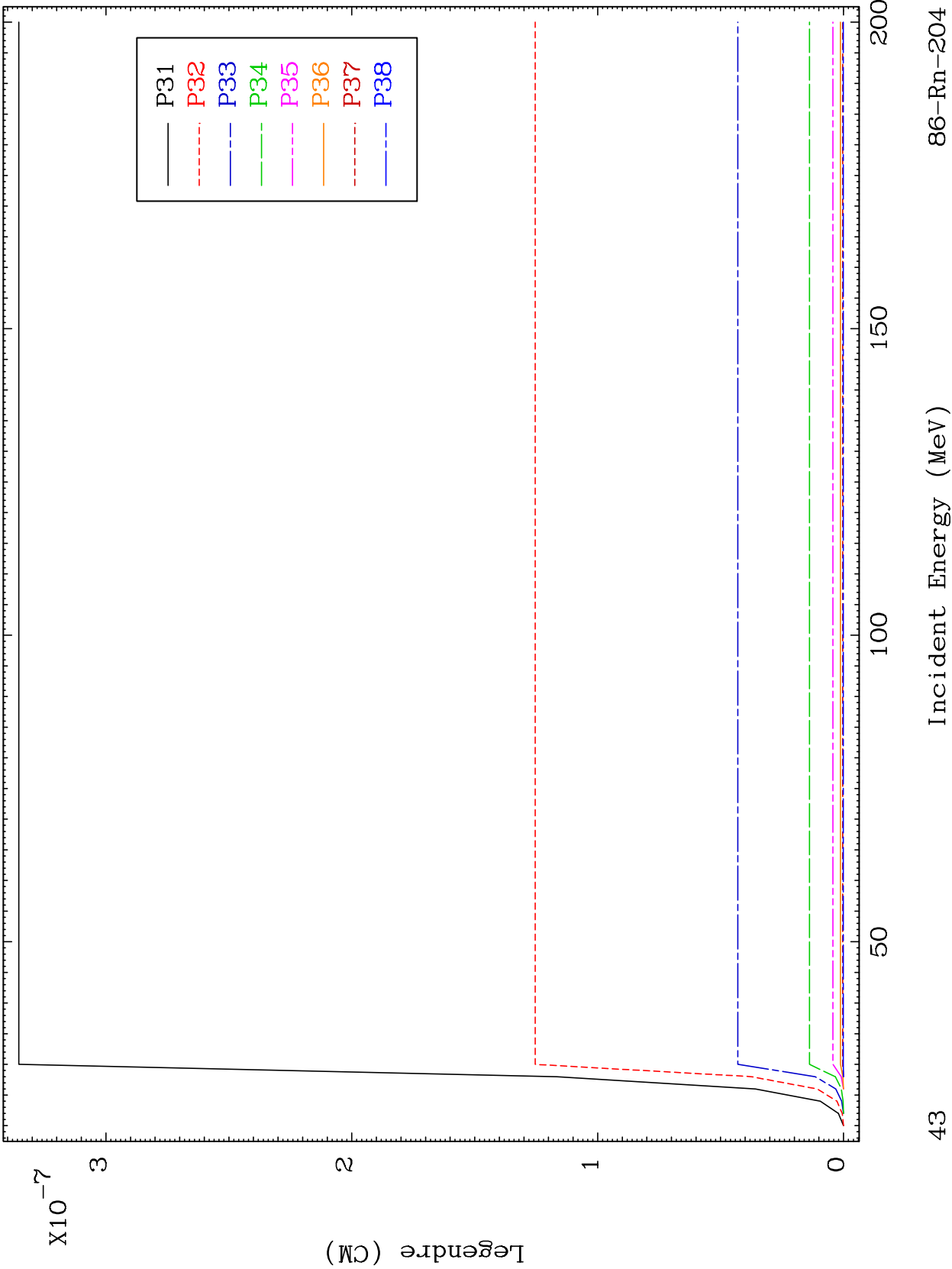
42

86-Rn-204

MAT 8604

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

86-Rn-204



43

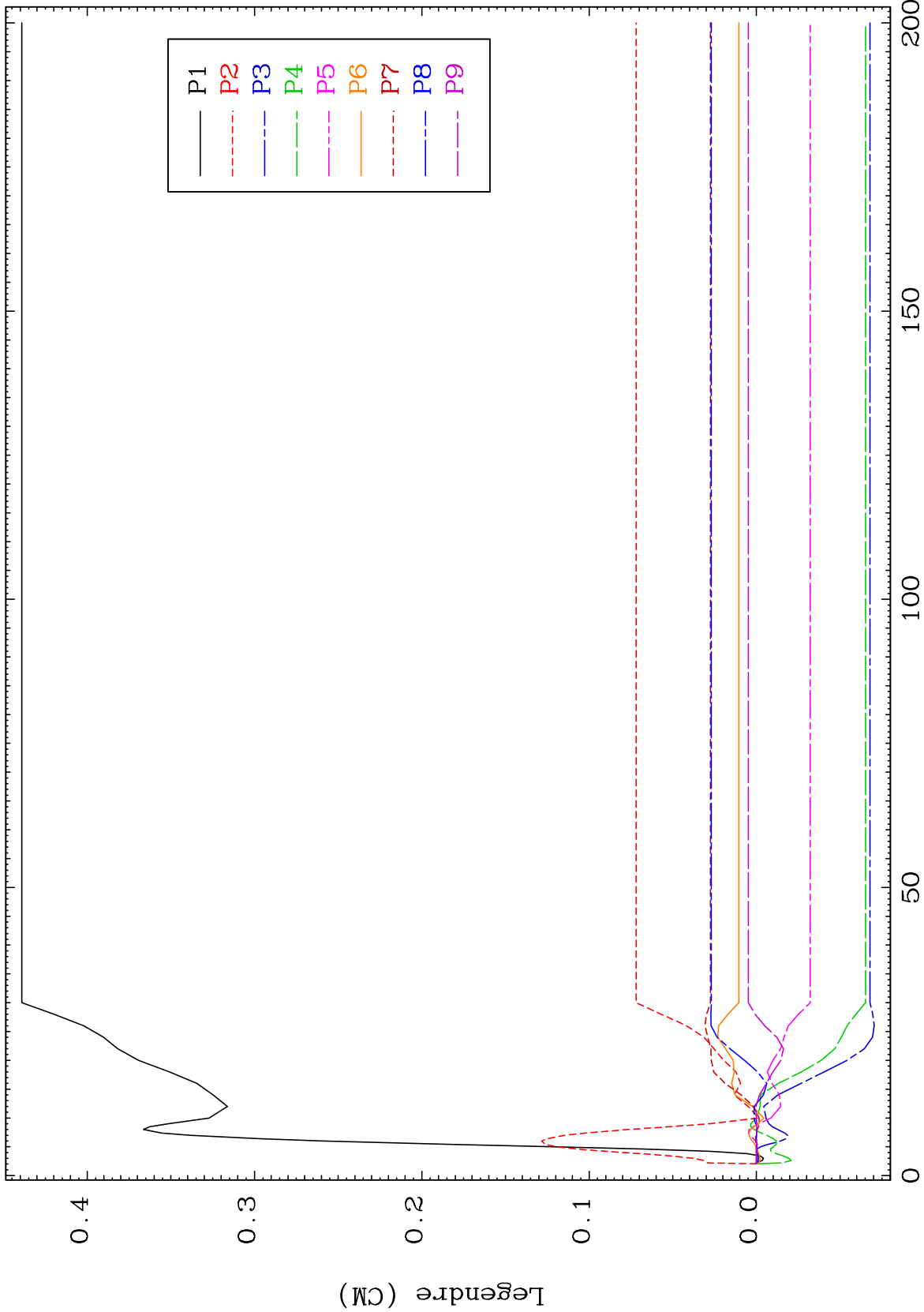
86-Rn-204

86-Rn-204

MAT 8604

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

86-Rn-204



86-Rn-204

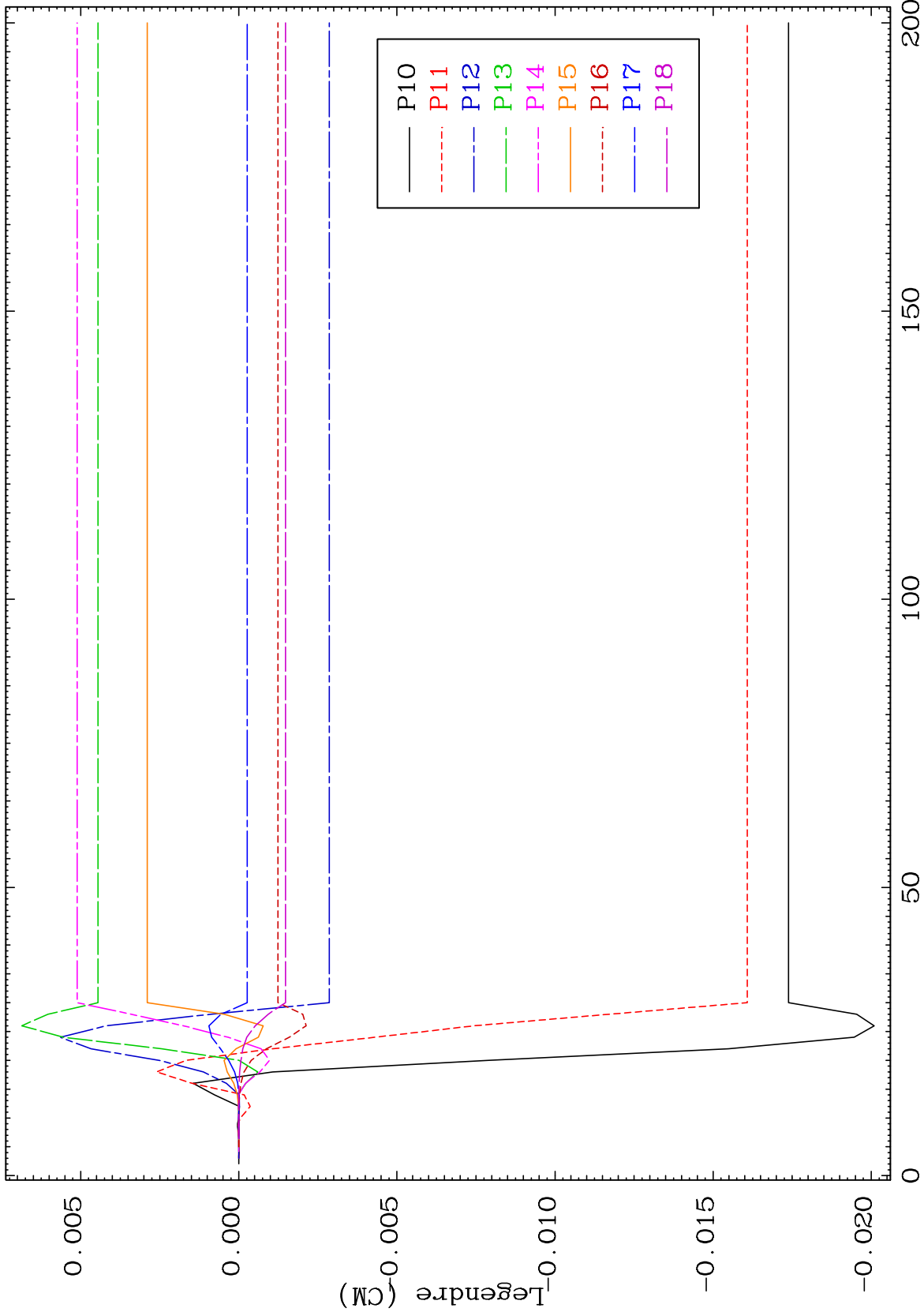
Incident Energy (MeV)

44

MAT 8604

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

86-Rn-204



45

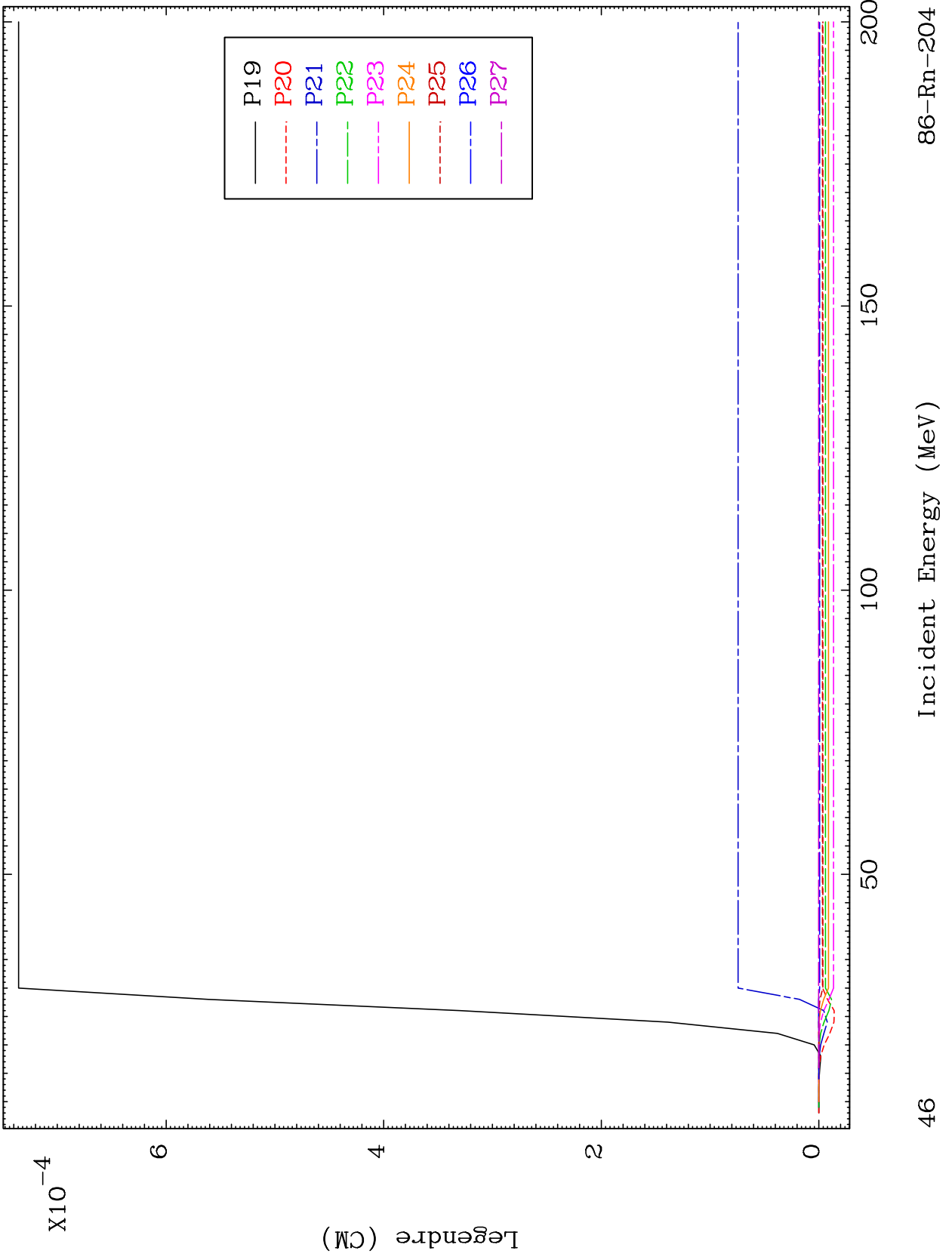
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



46

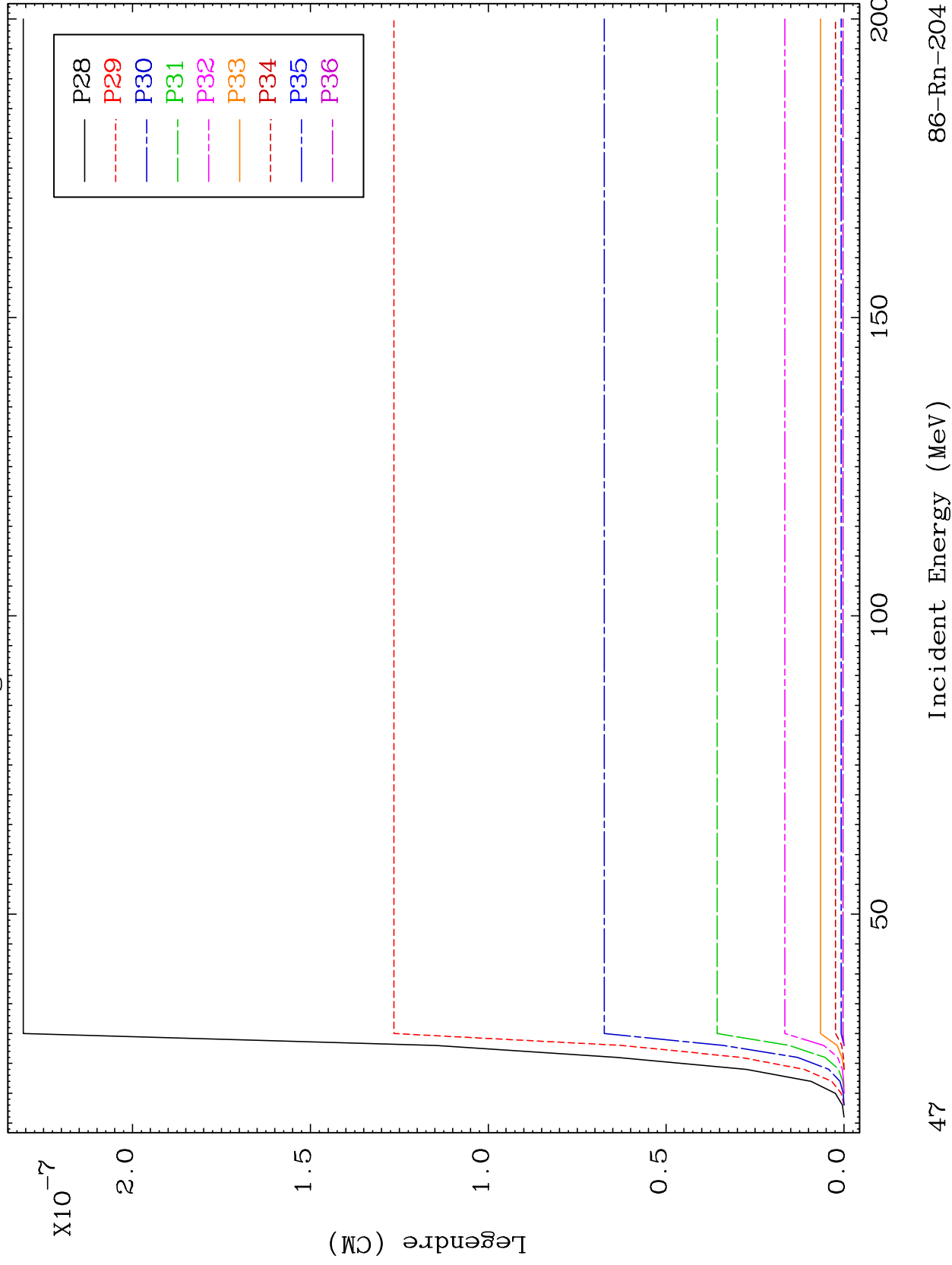
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



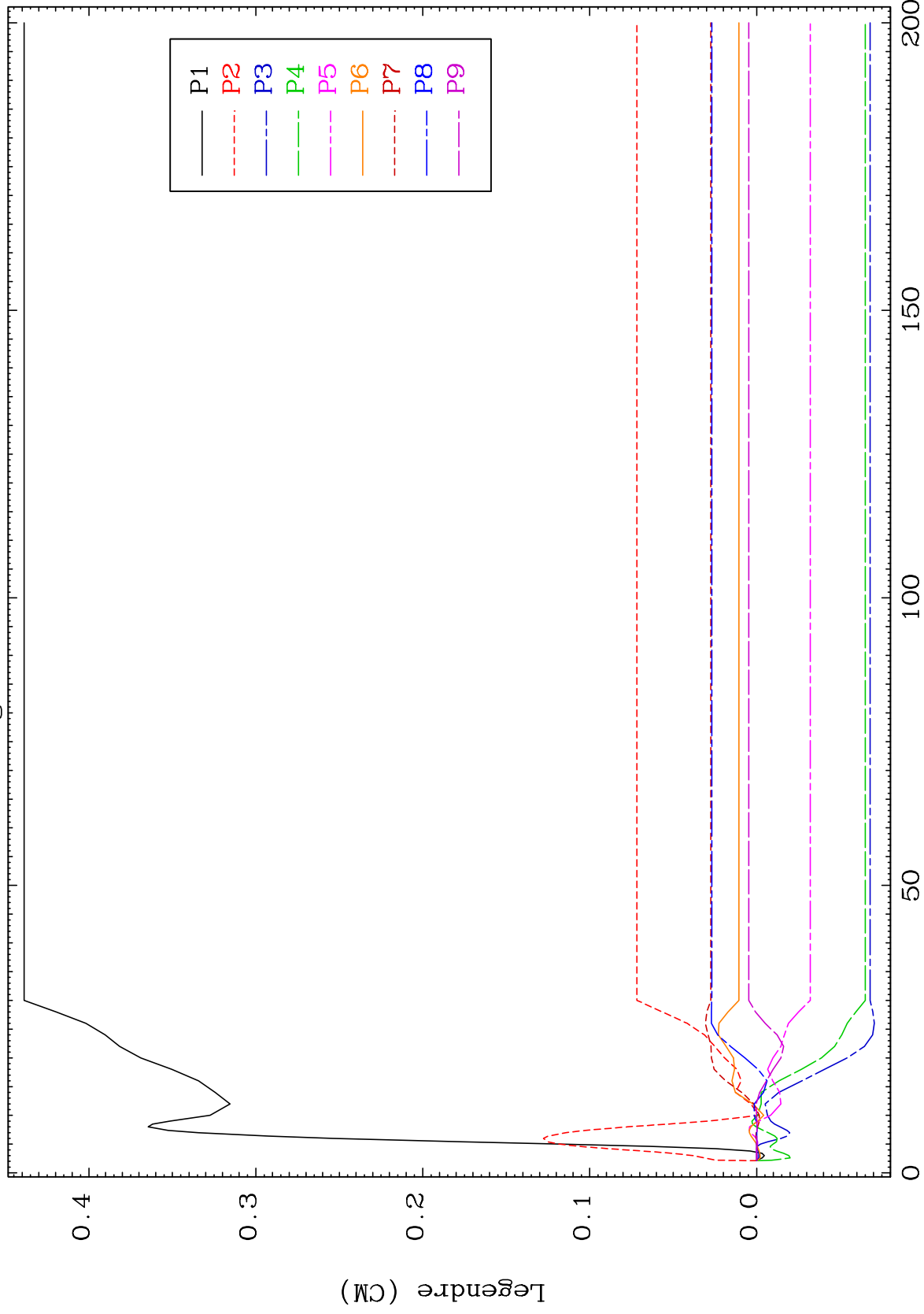
47

86-Rn-204

MAT 8604

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

86-Rn-204



48

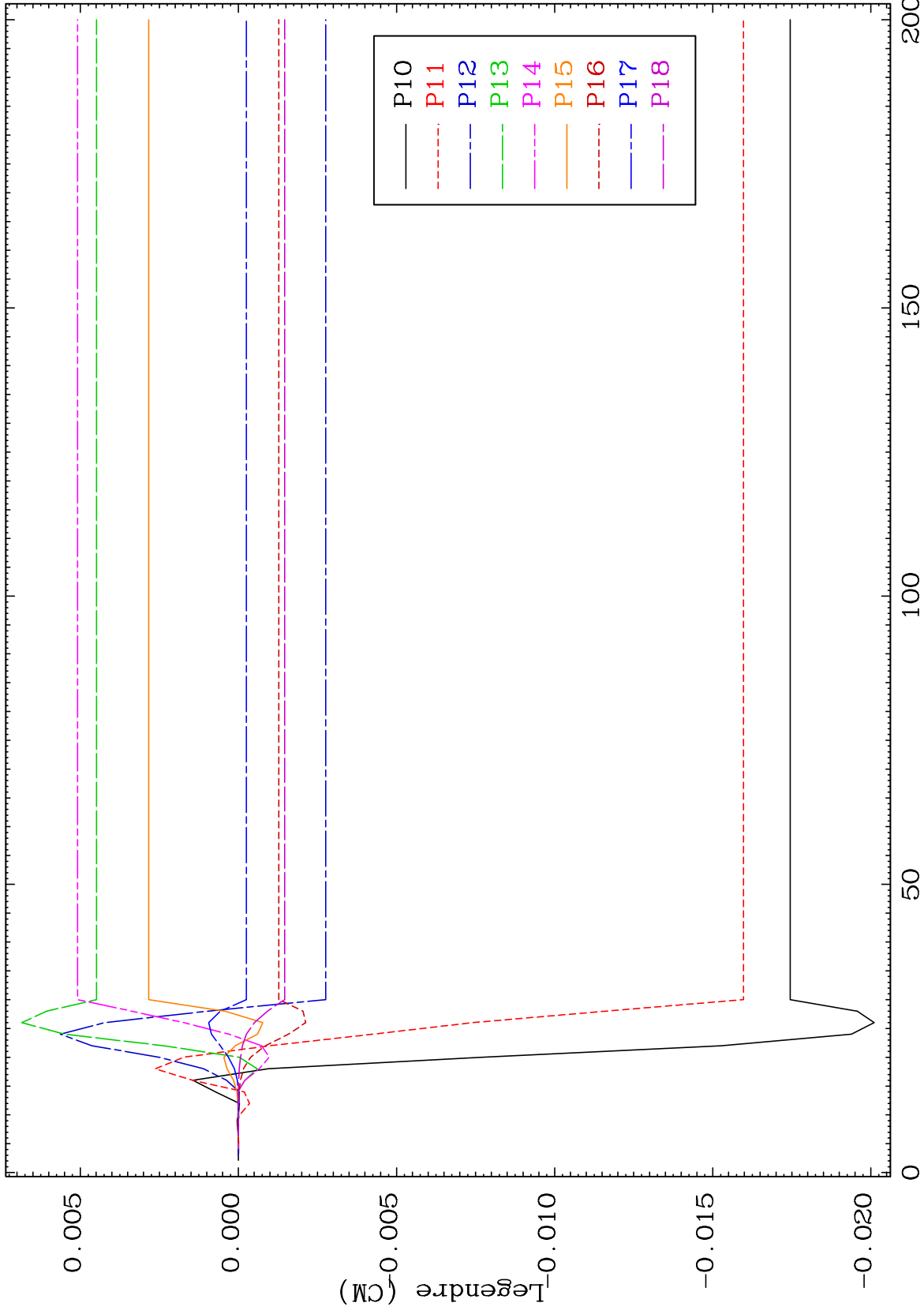
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



49

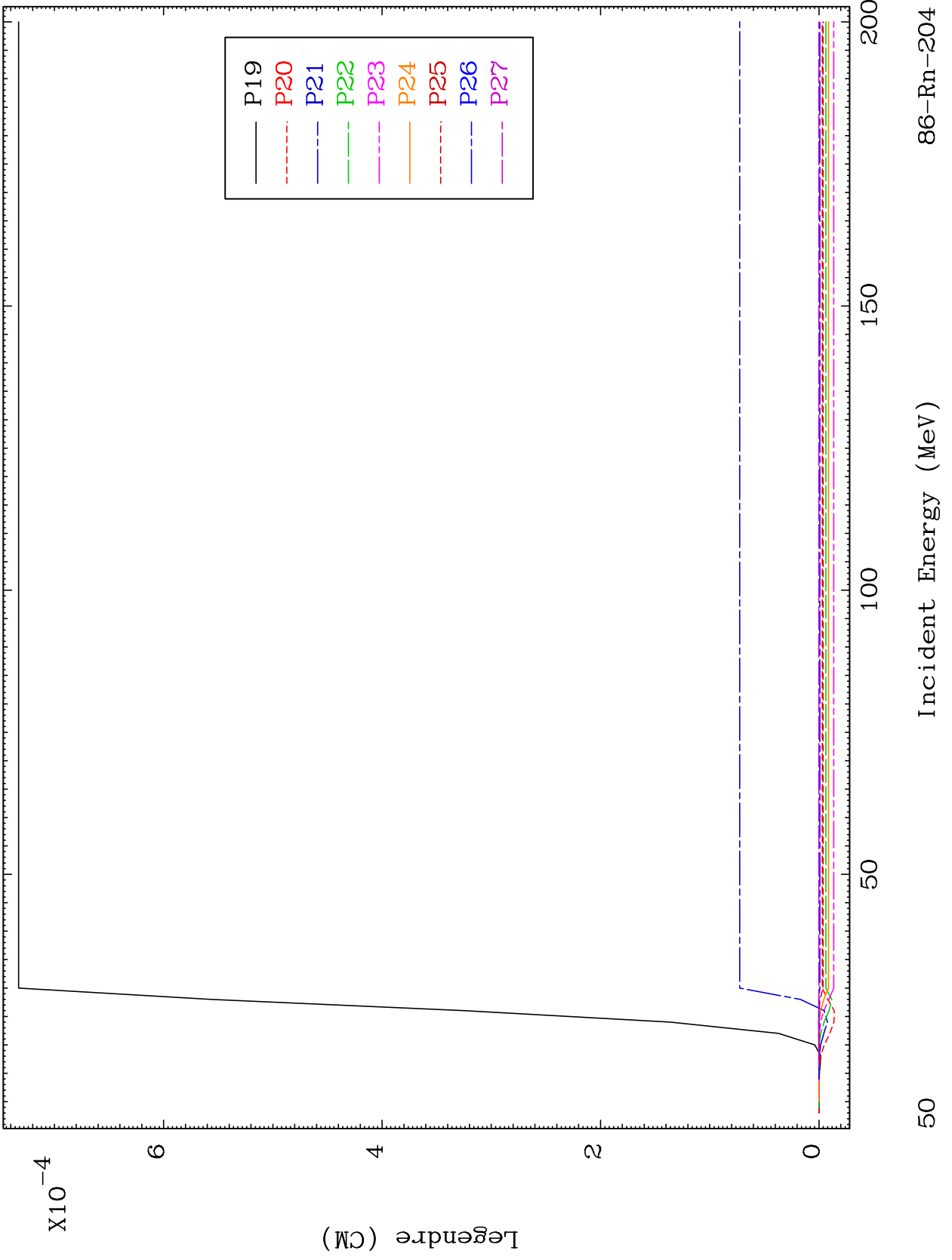
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

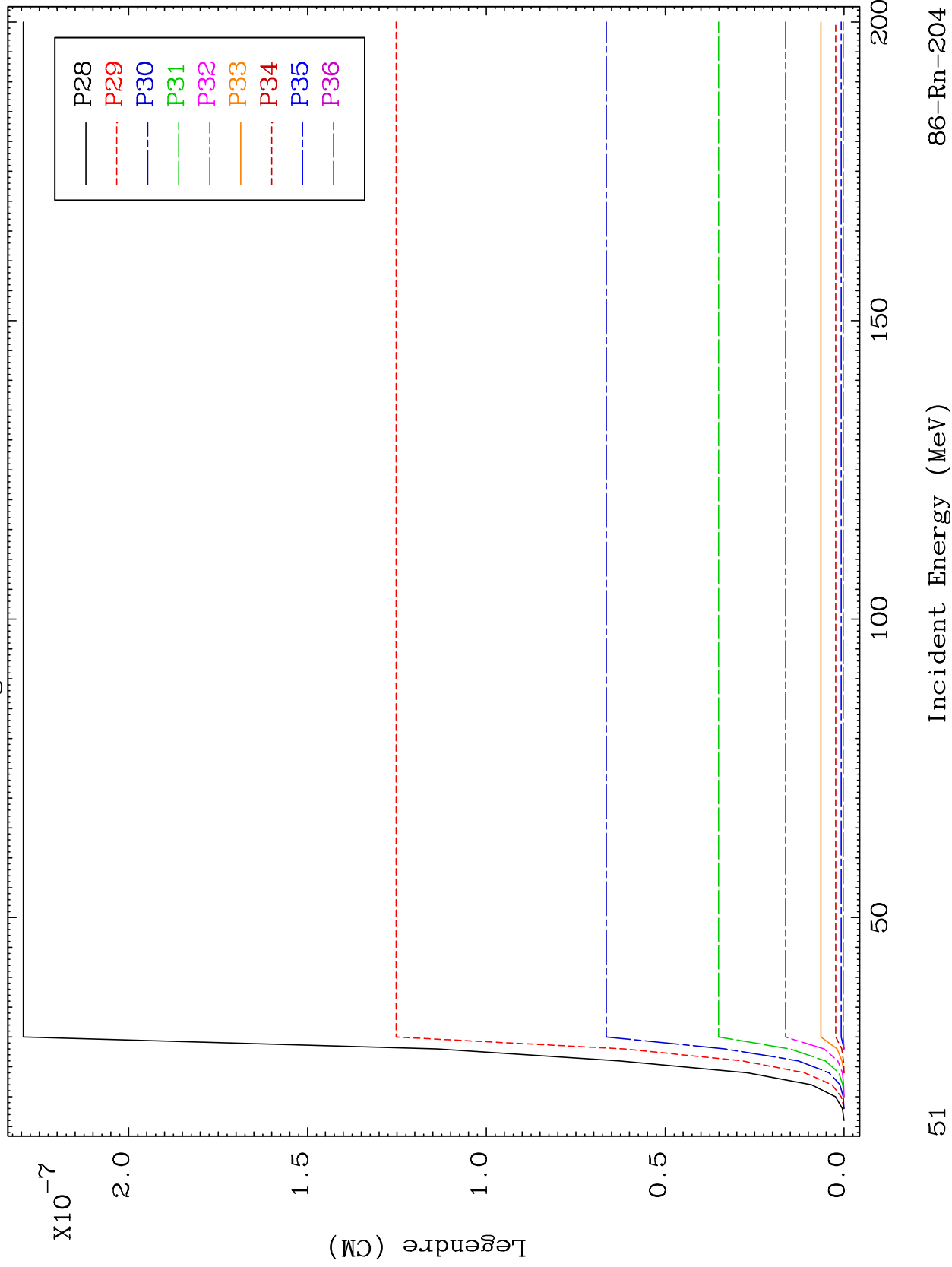
86-Rn-204



MAT 8604

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

86-Rn-204

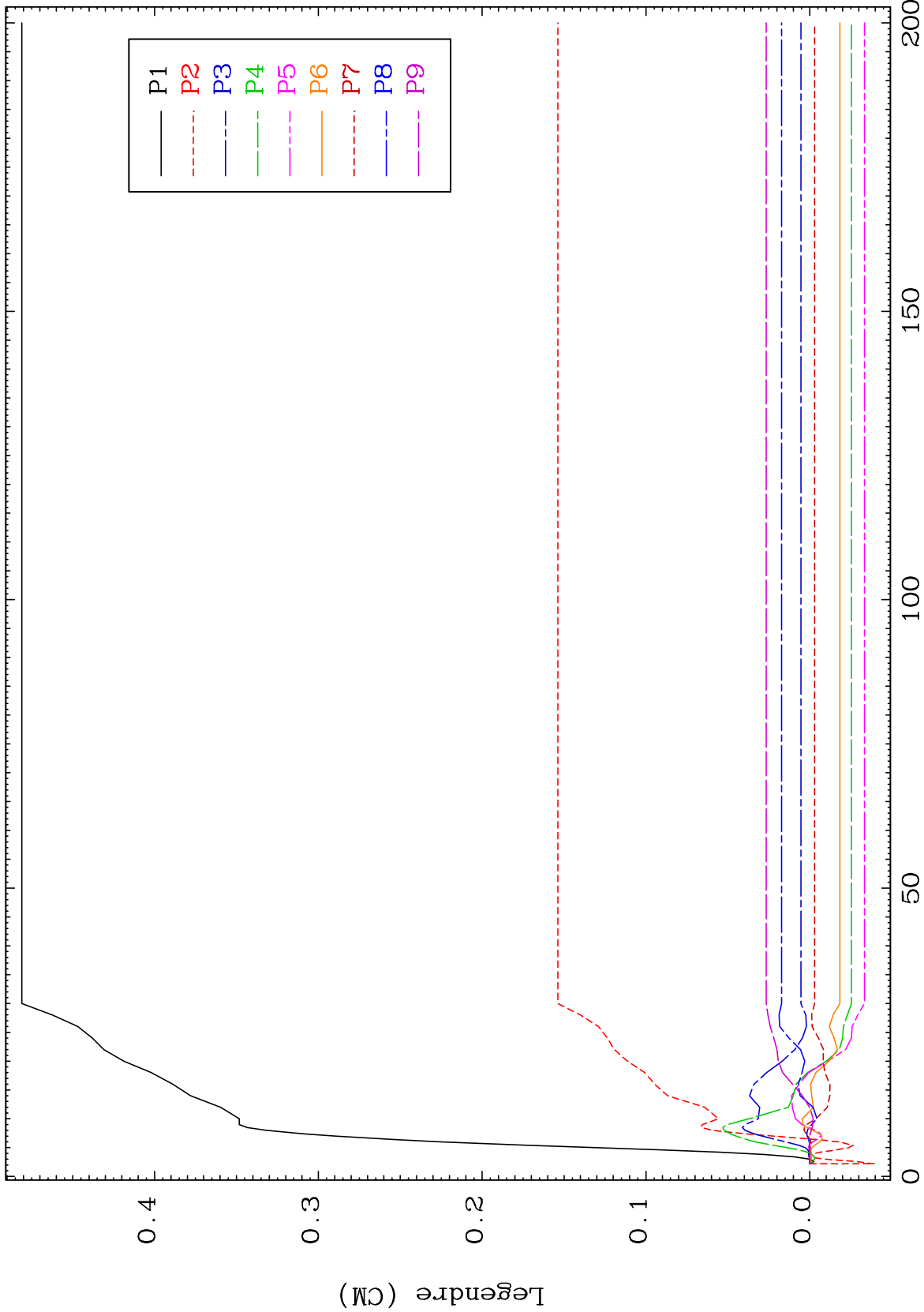


51

MAT 8604

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

86-Rn-204



52

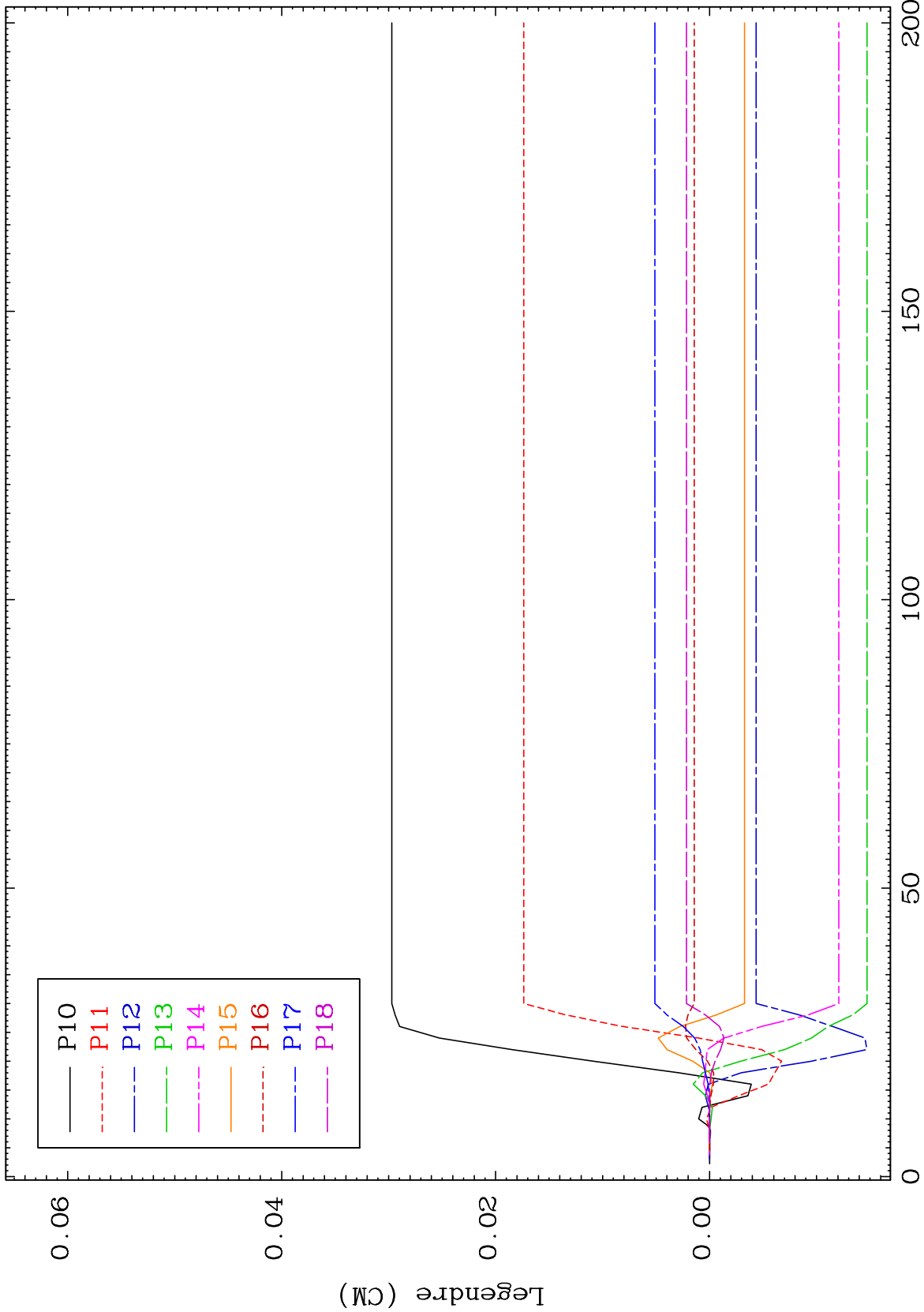
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



53

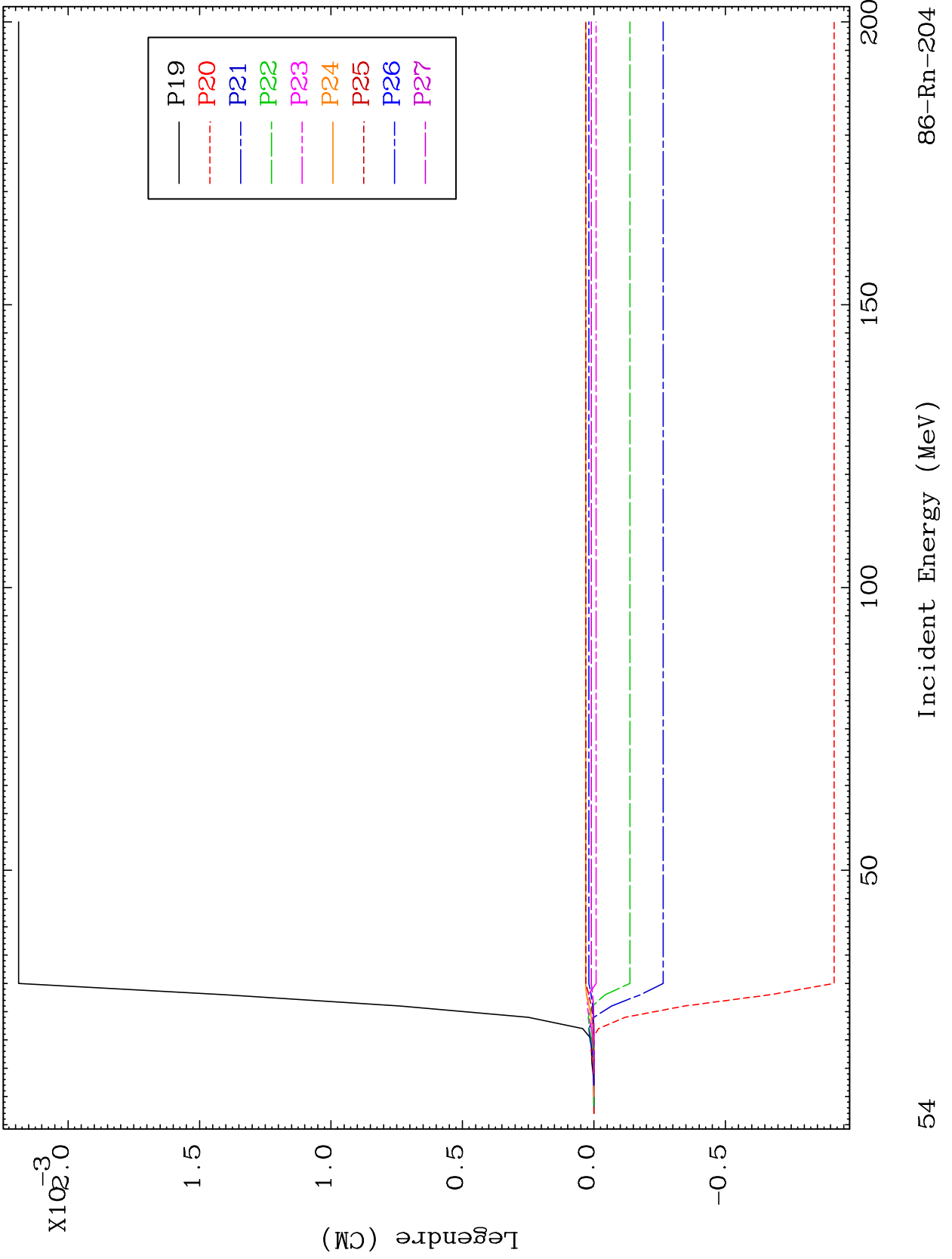
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



54

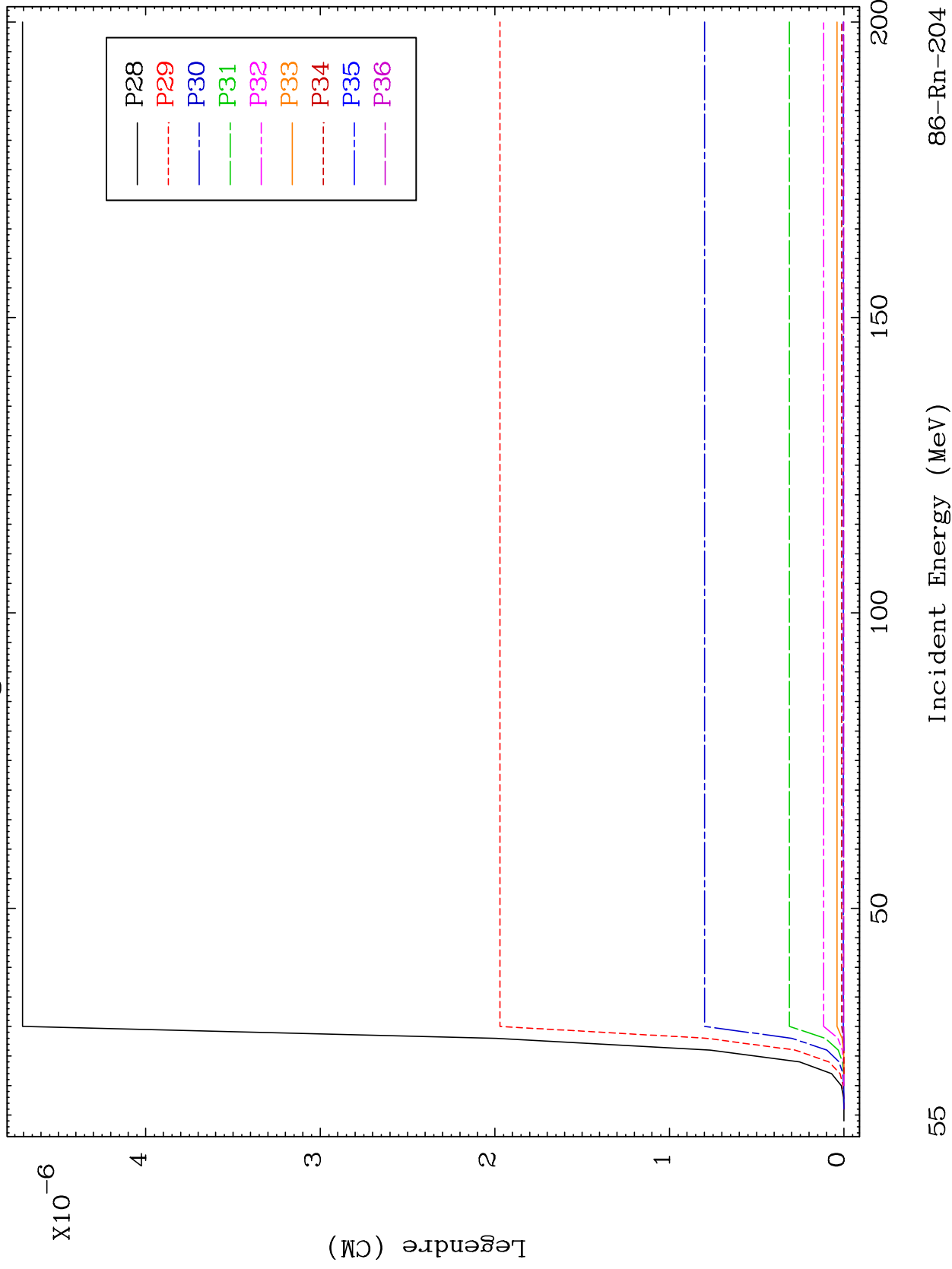
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

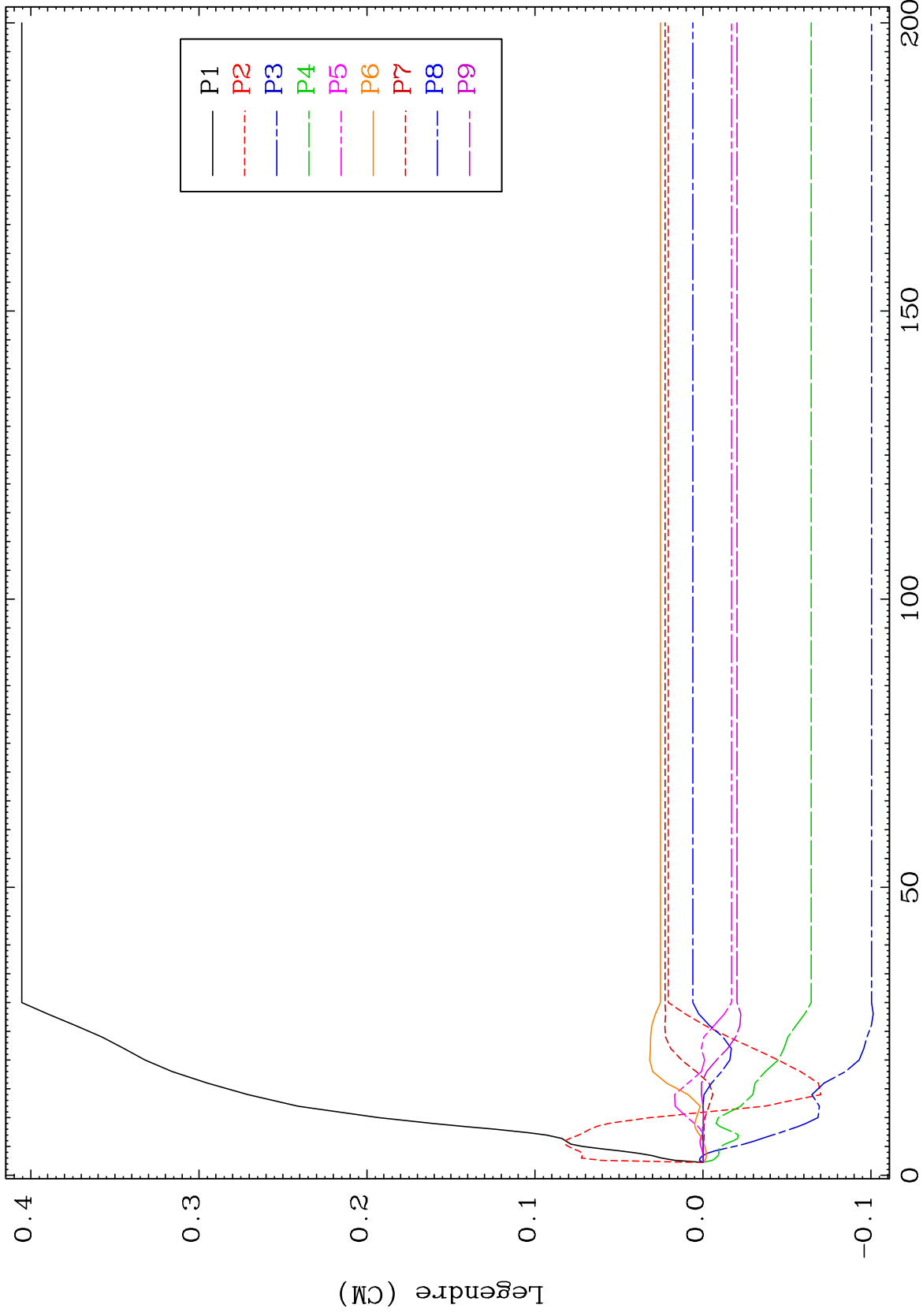
86-Rn-204



MAT 8604

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

86-Rn-204



56

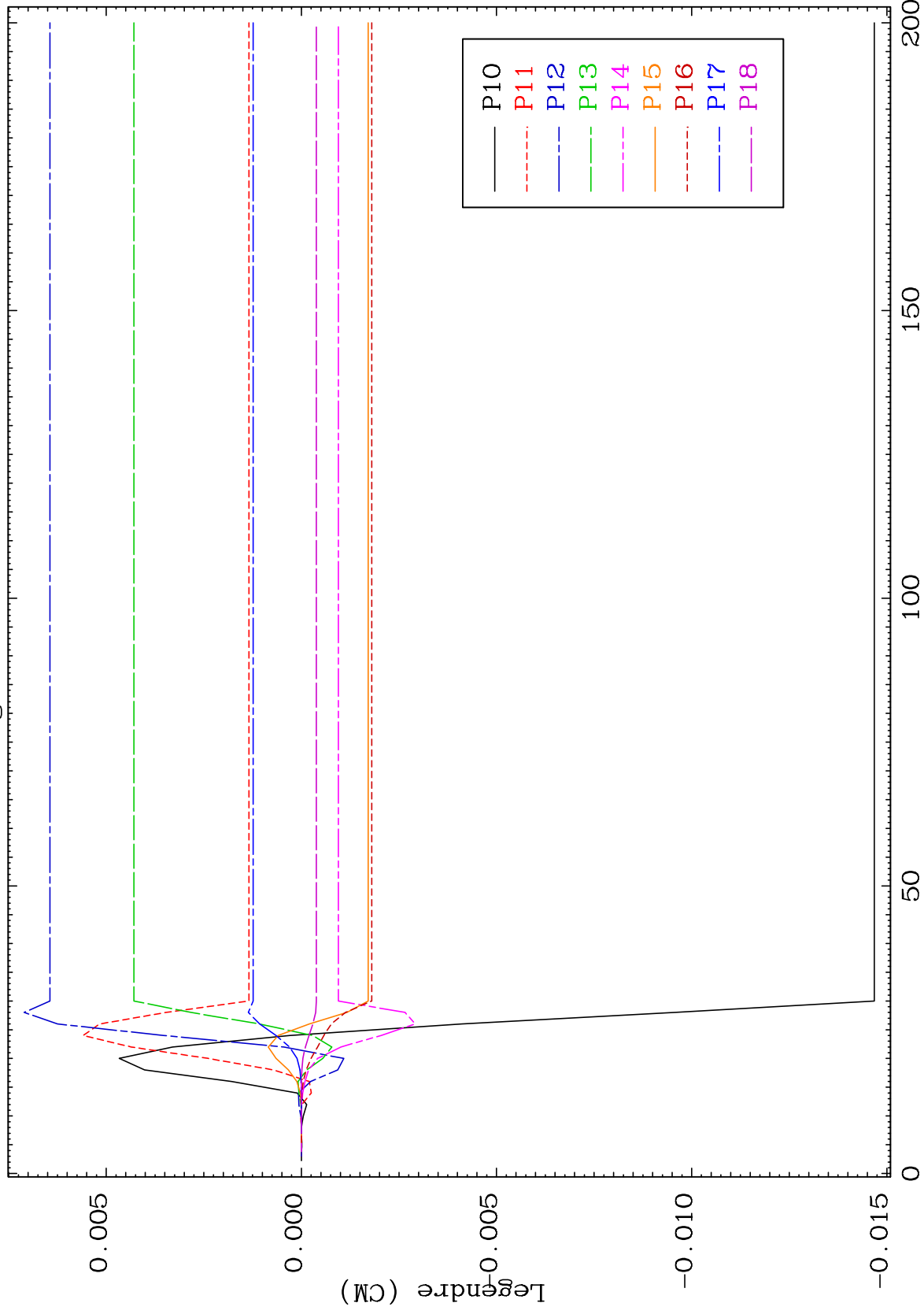
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



57

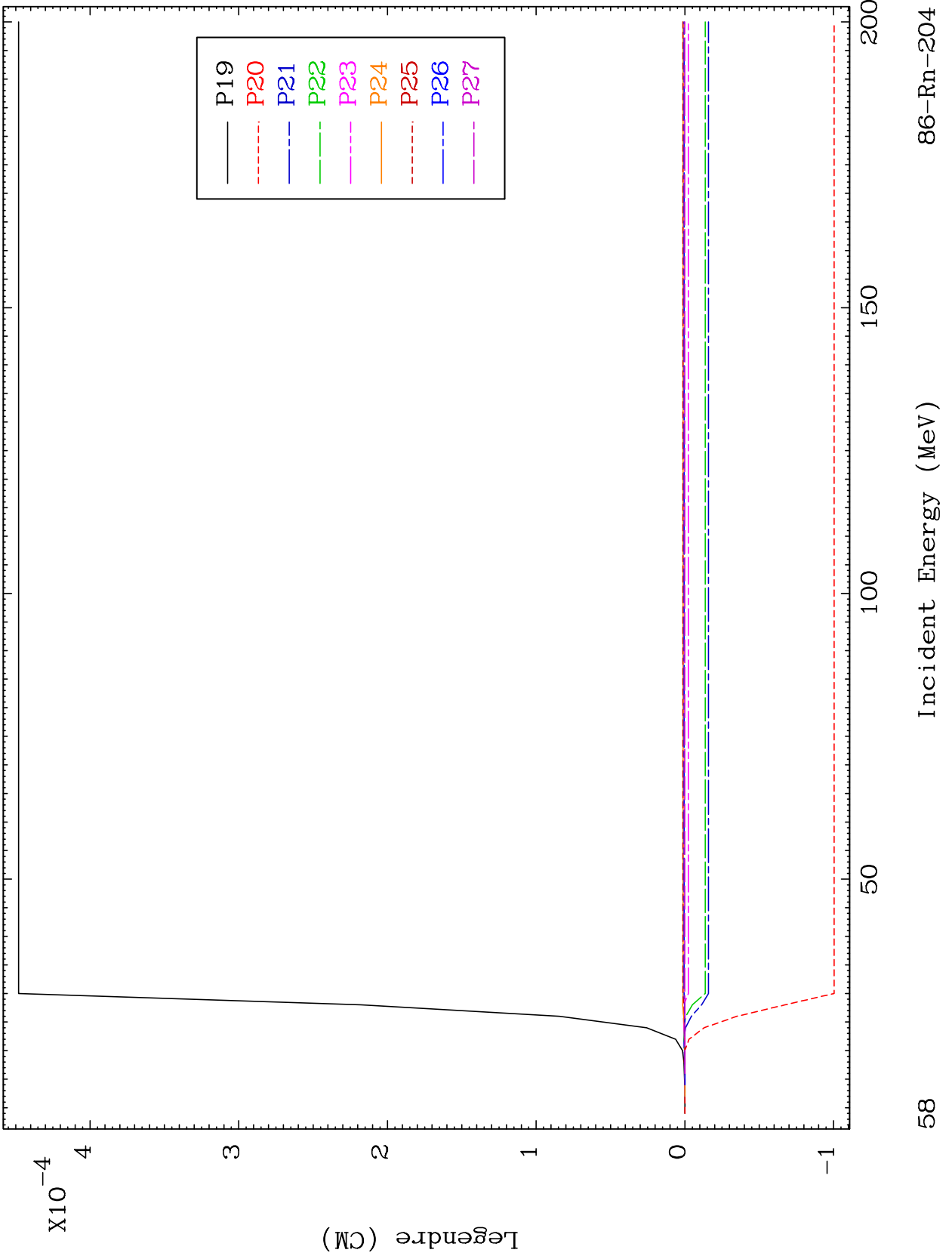
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



58

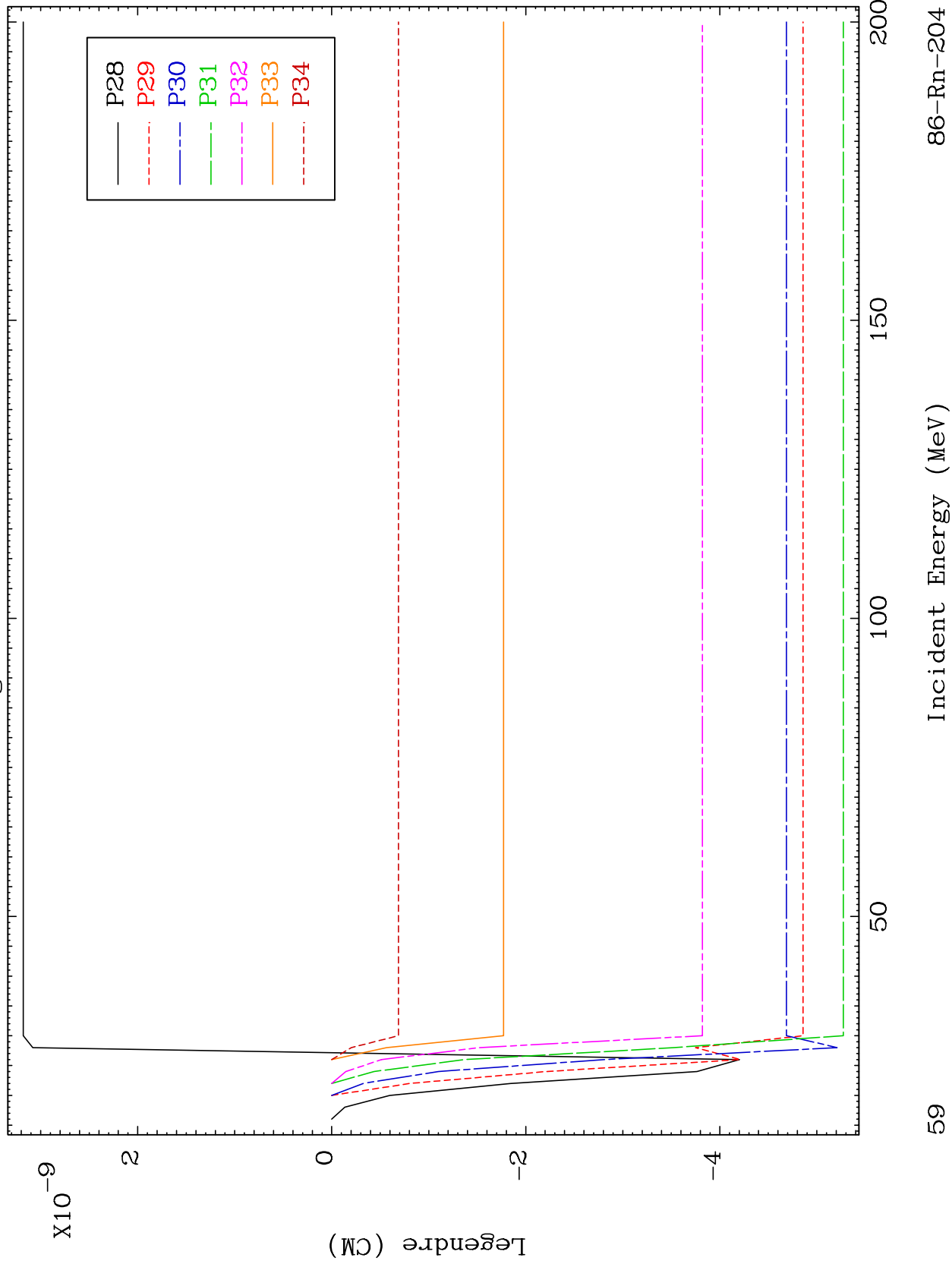
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



59

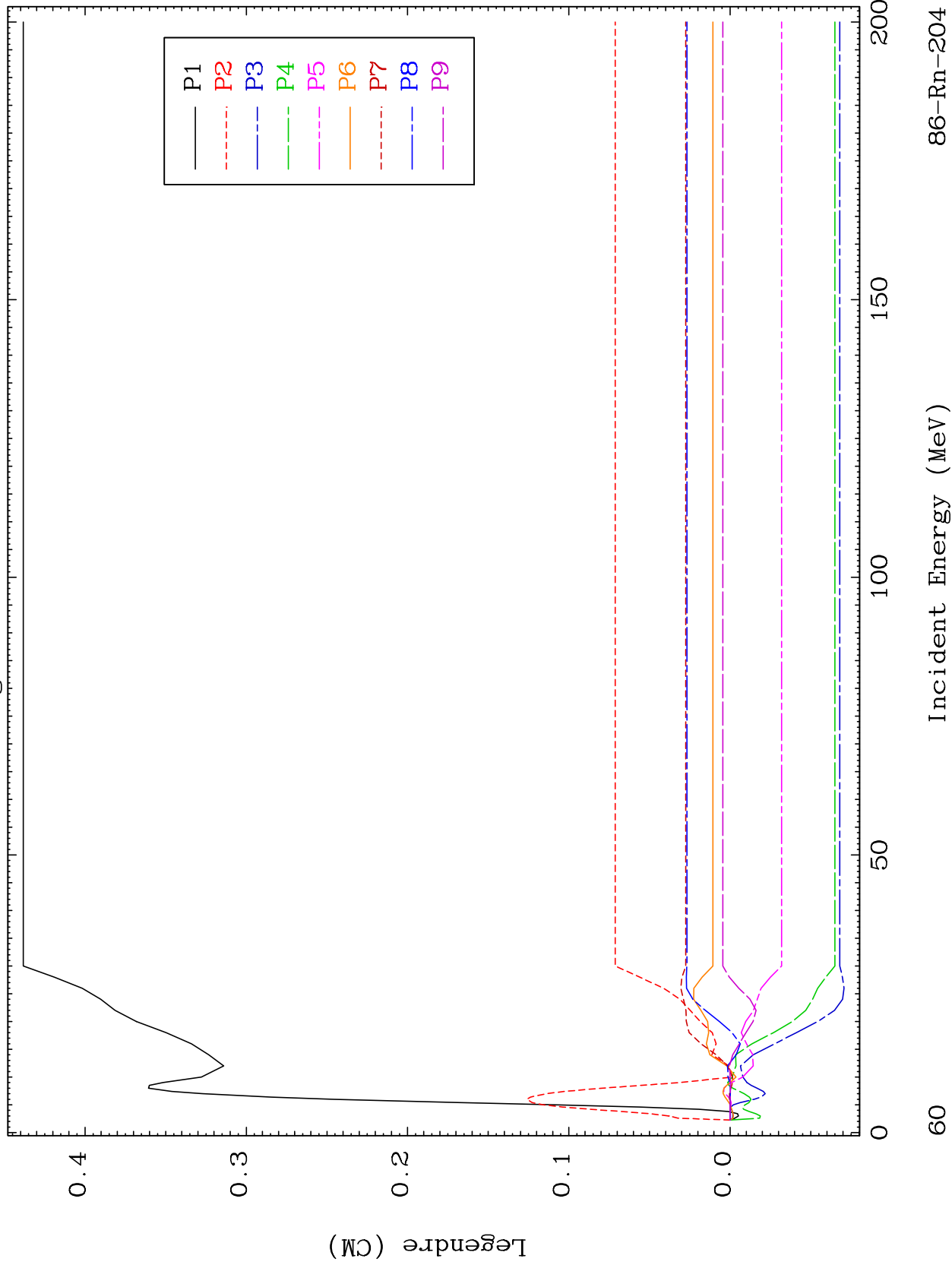
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204

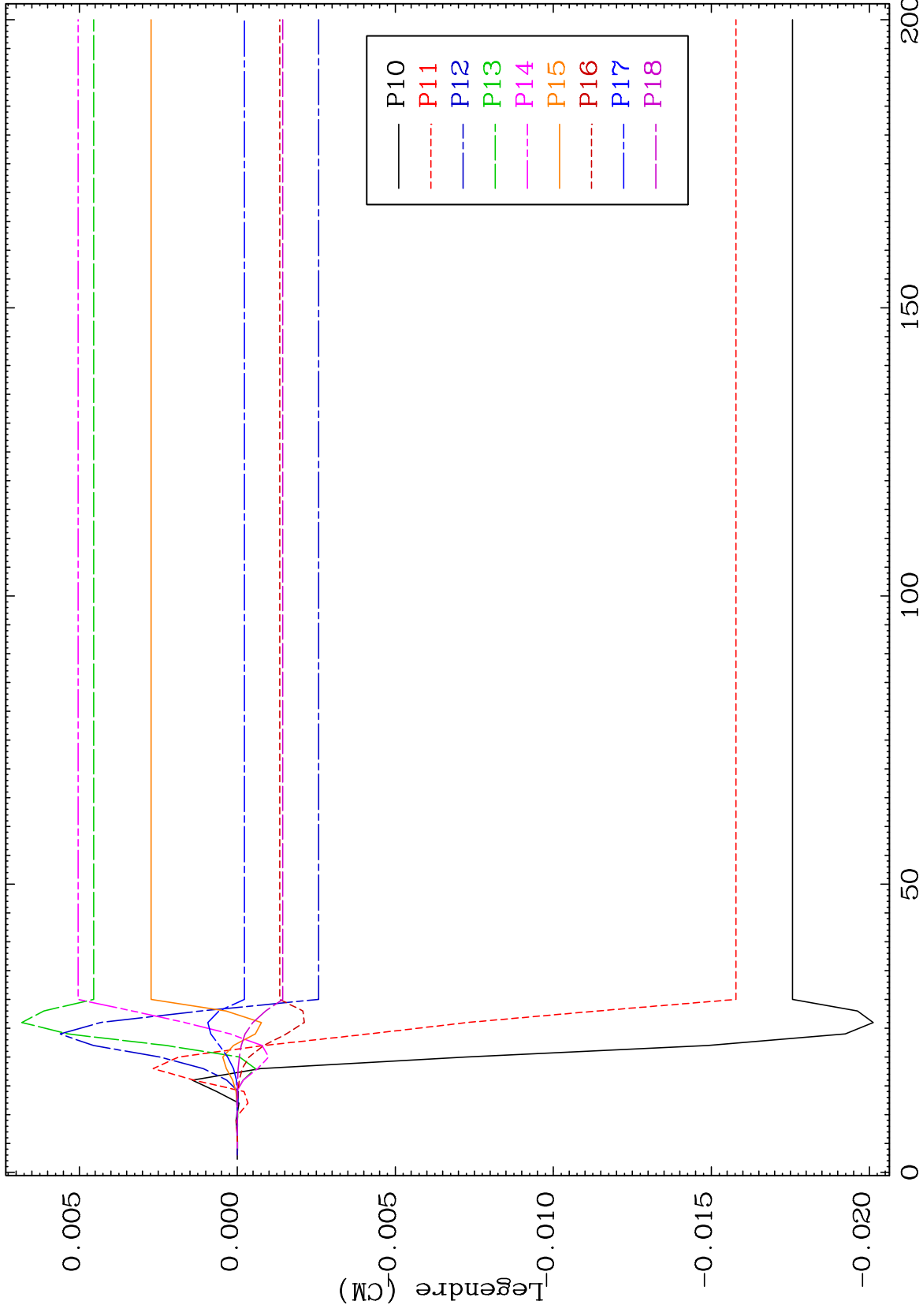


86-Rn-204

MAT 8604

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

86-Rn-204



61

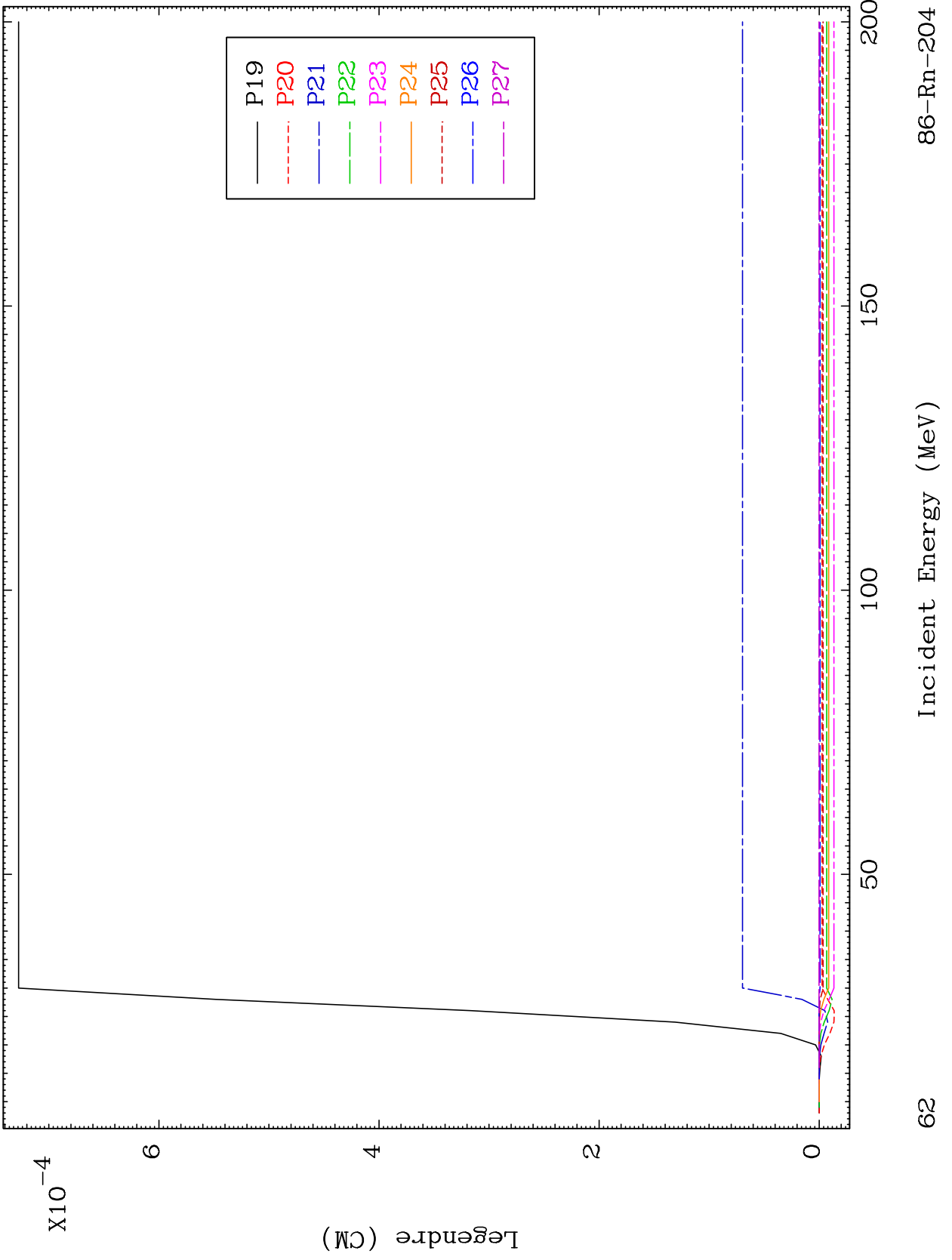
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



62

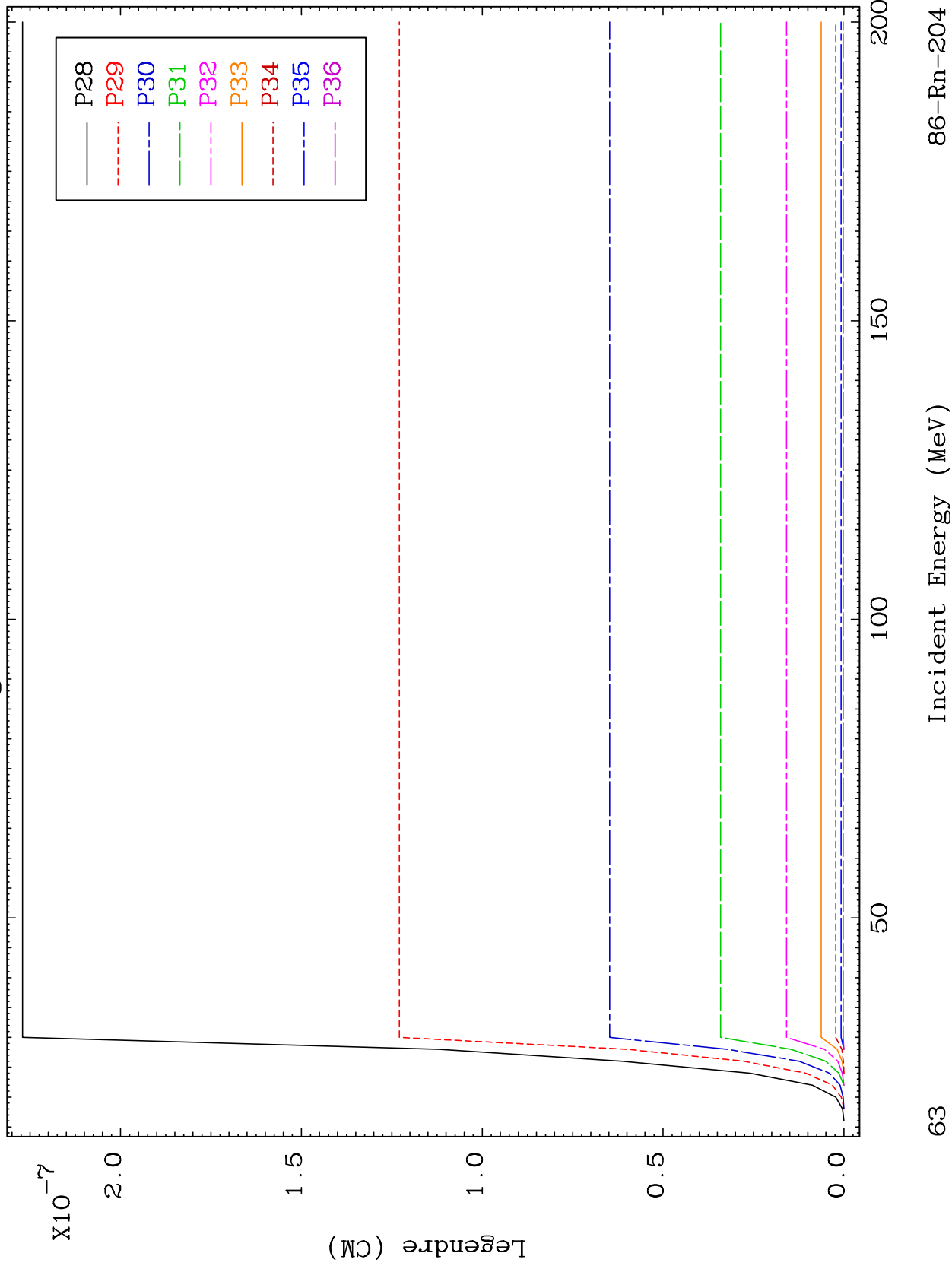
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204

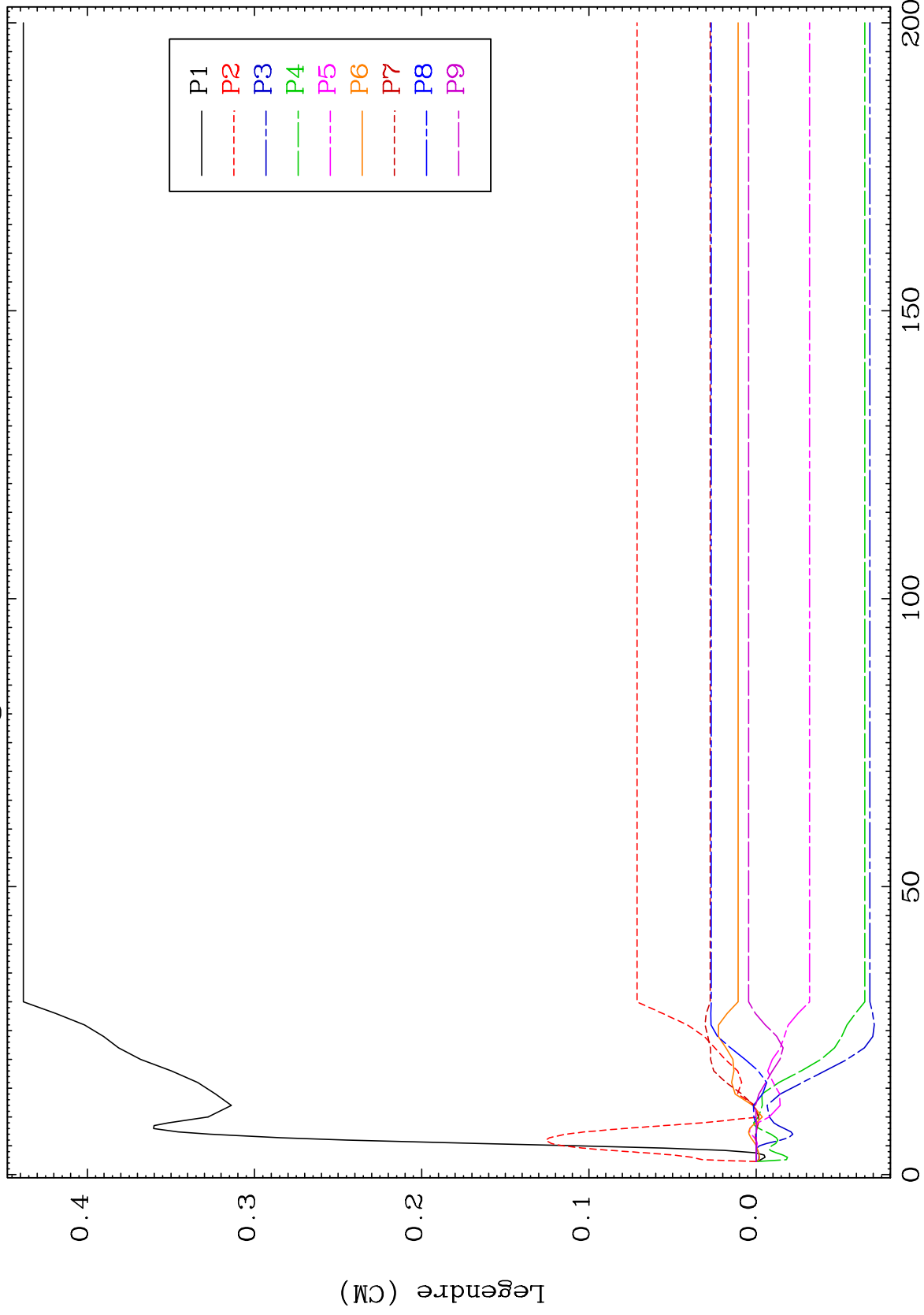


63

MAT 8604

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

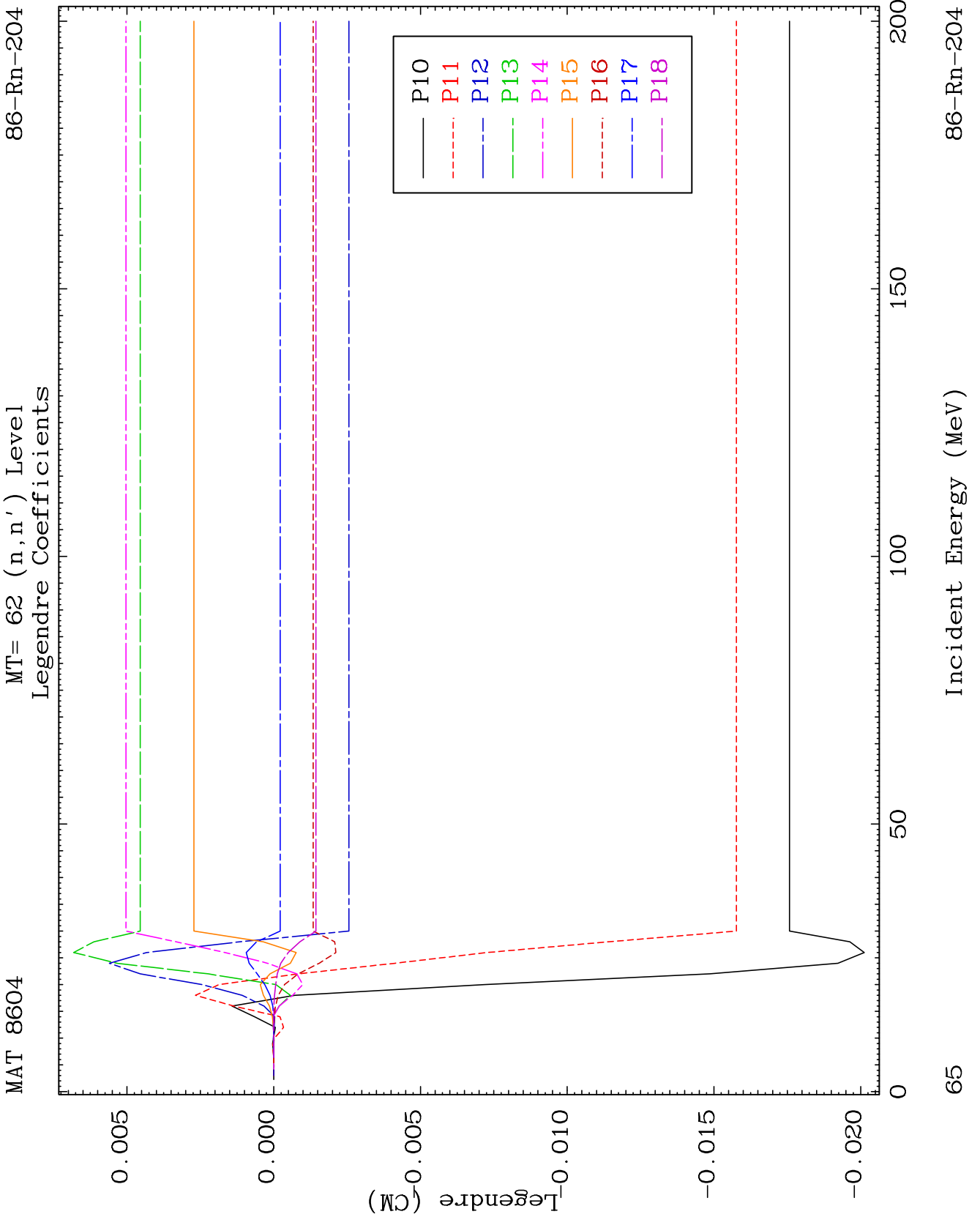
86-Rn-204



64

Incident Energy (MeV)

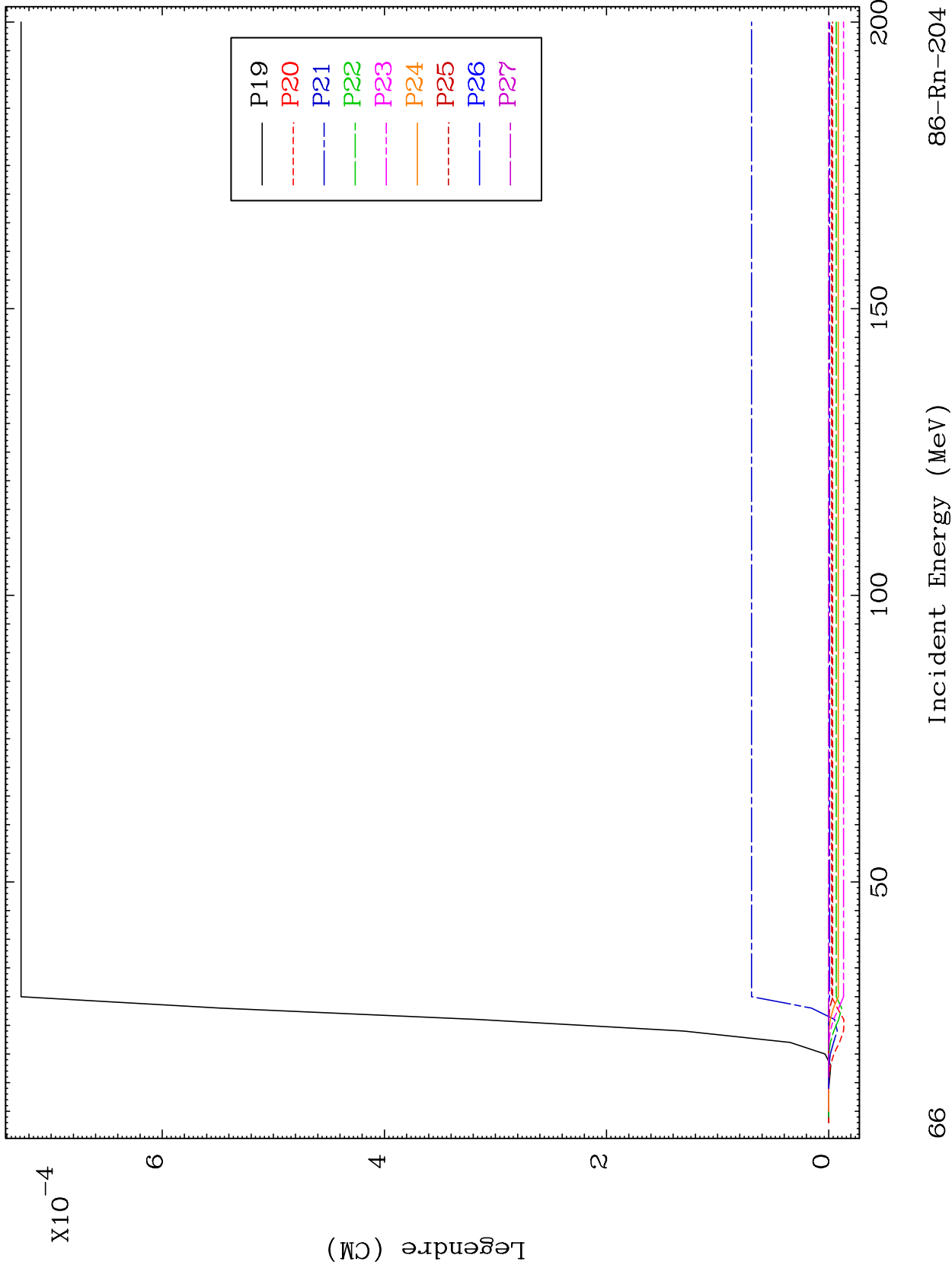
86-Rn-204



MAT 8604

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

86-Rn-204

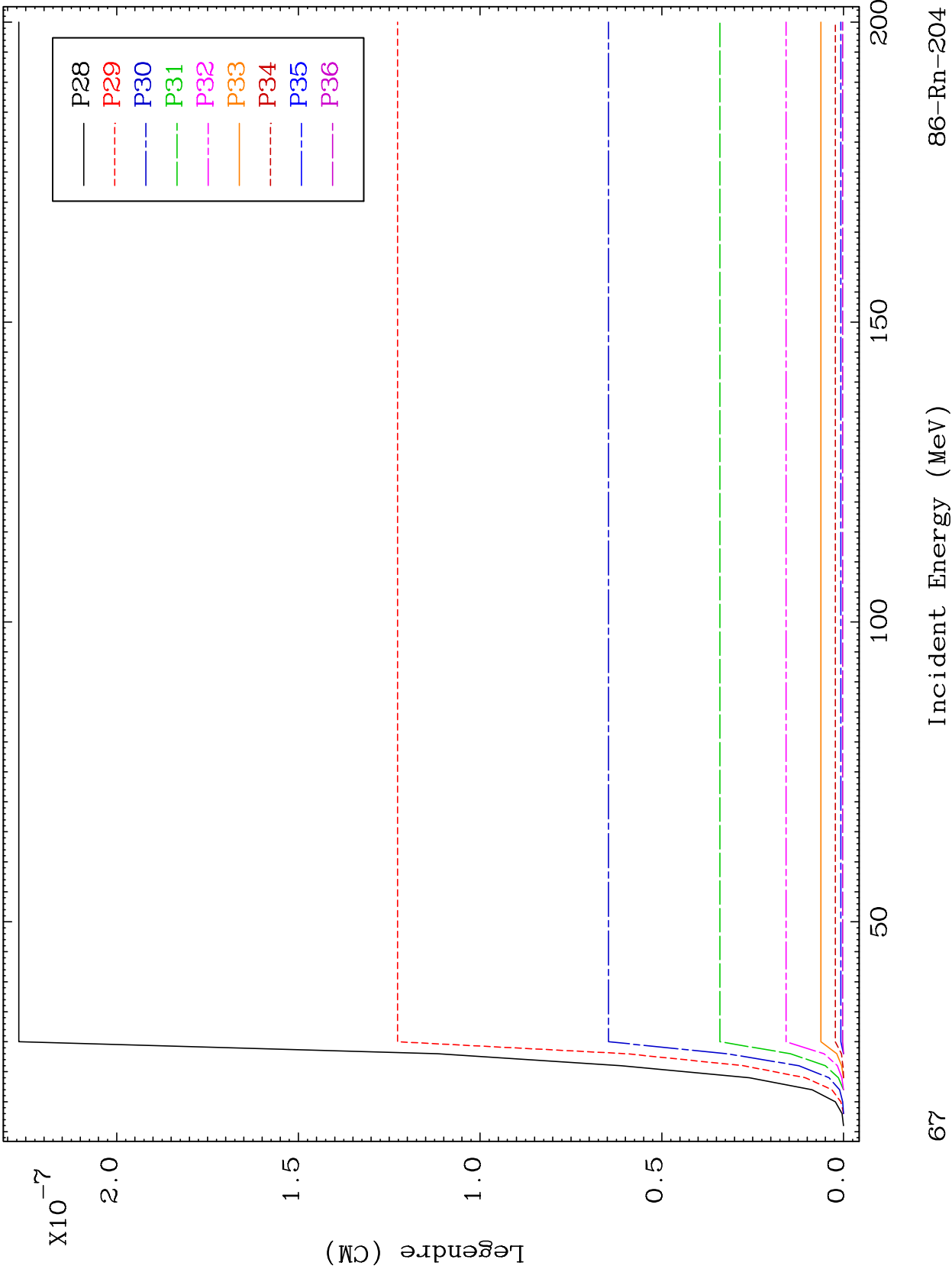


66

MAT 8604

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

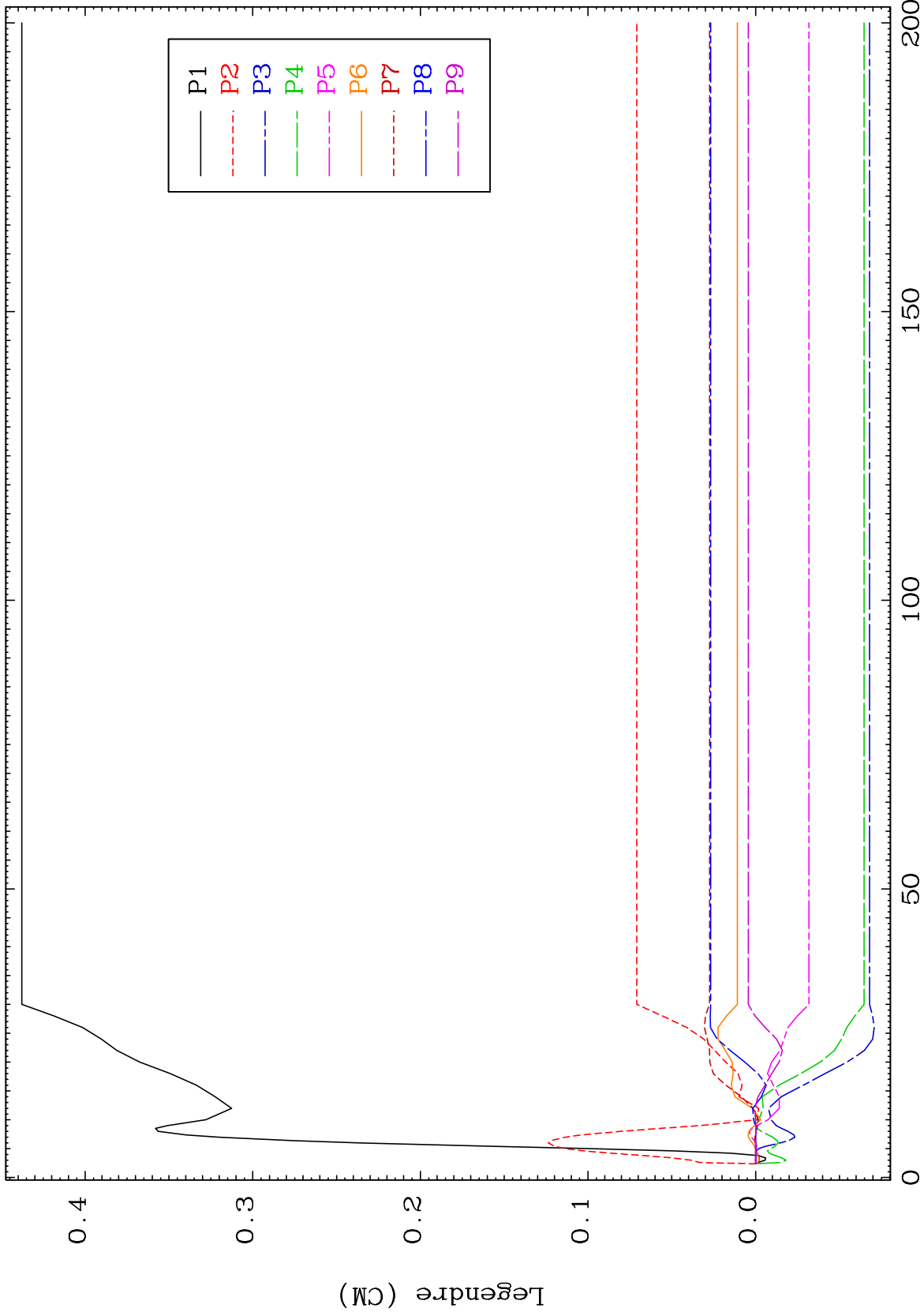
86-Rn-204



MAT 8604

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

86-Rn-204



86-Rn-204

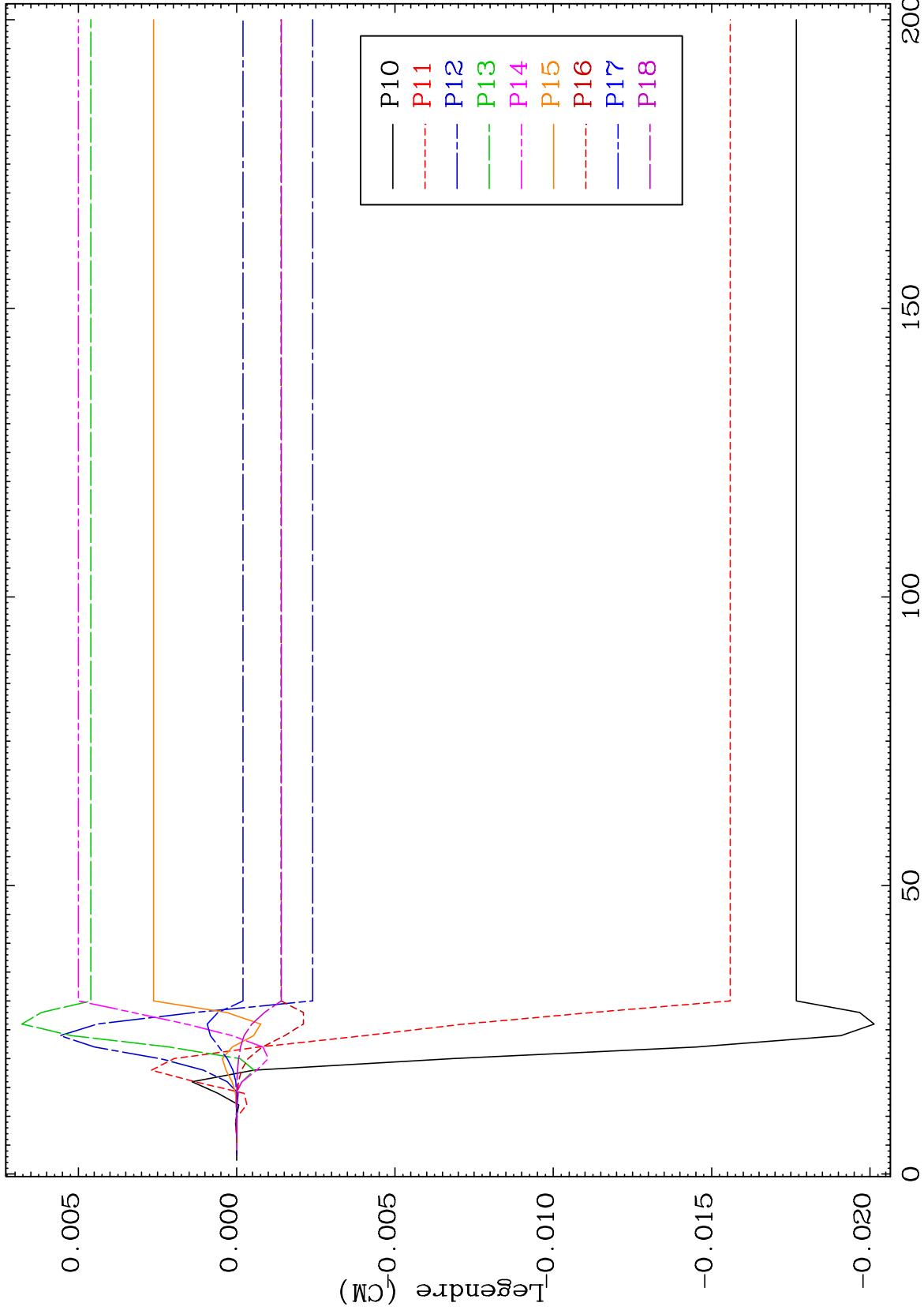
Incident Energy (MeV)

68

MAT 8604

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

86-Rn-204



69

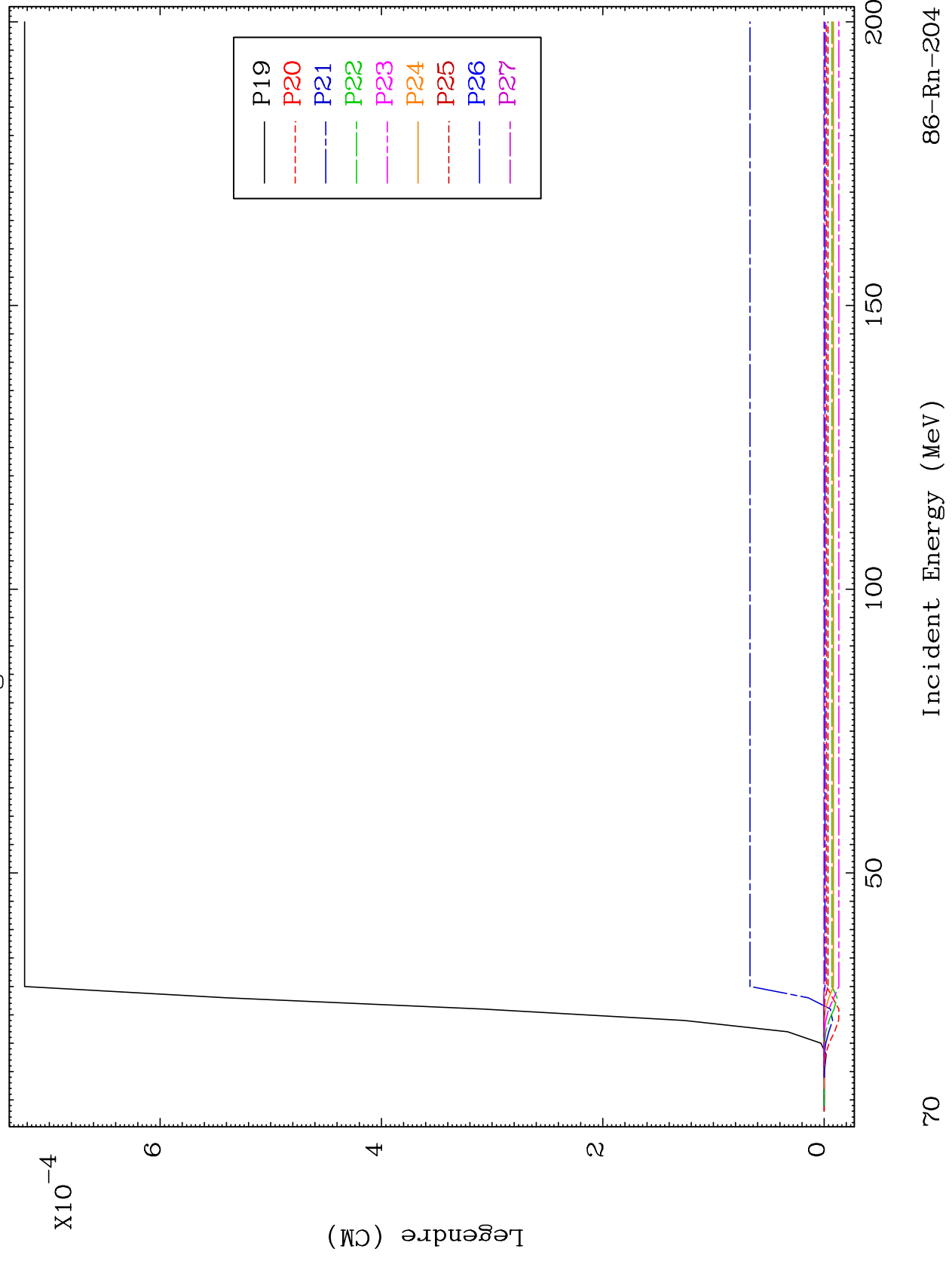
86-Rn-204

86-Rn-204

MAT 8604

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

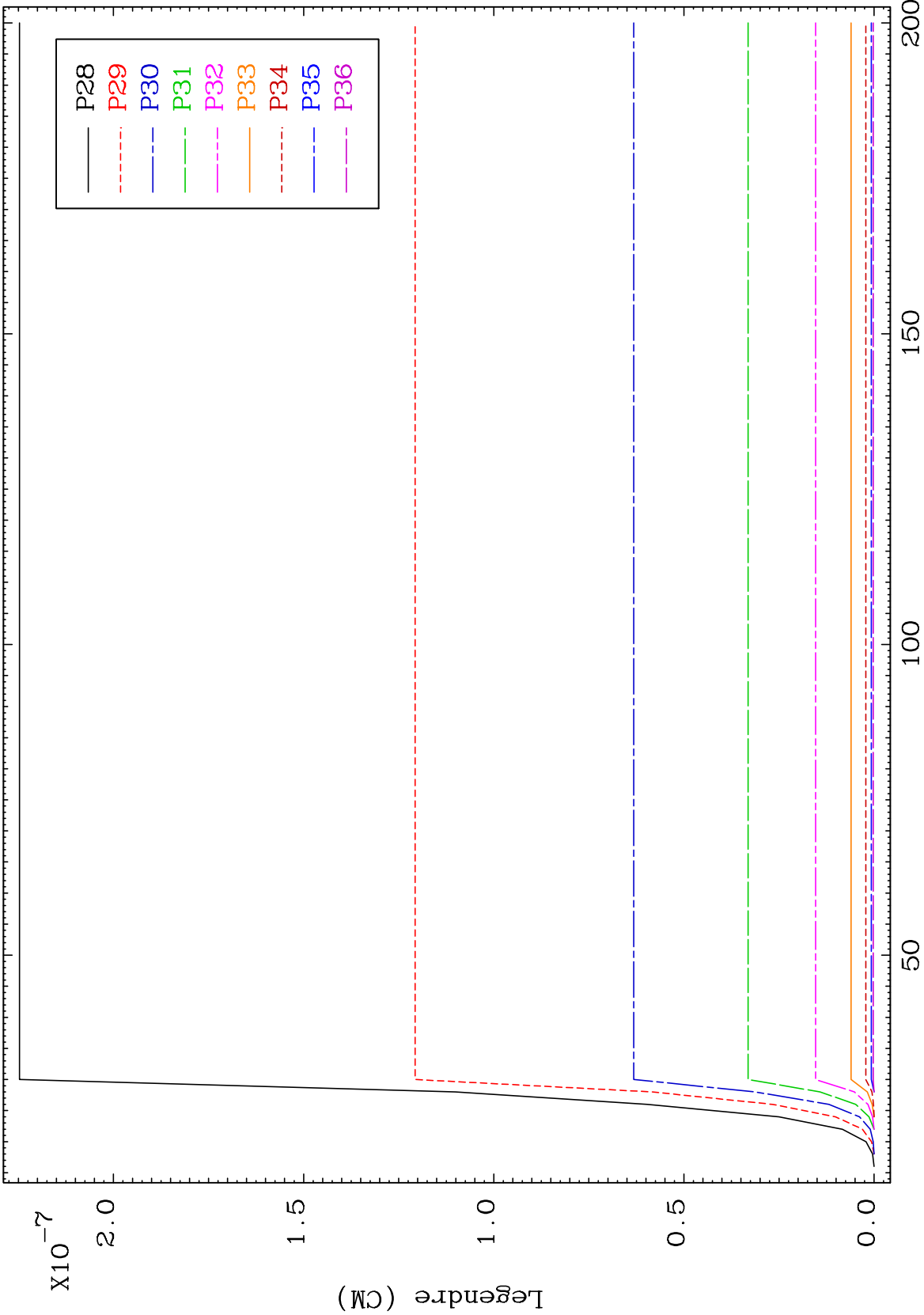
86-Rn-204



MAT 8604

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

86-Rn-204



71

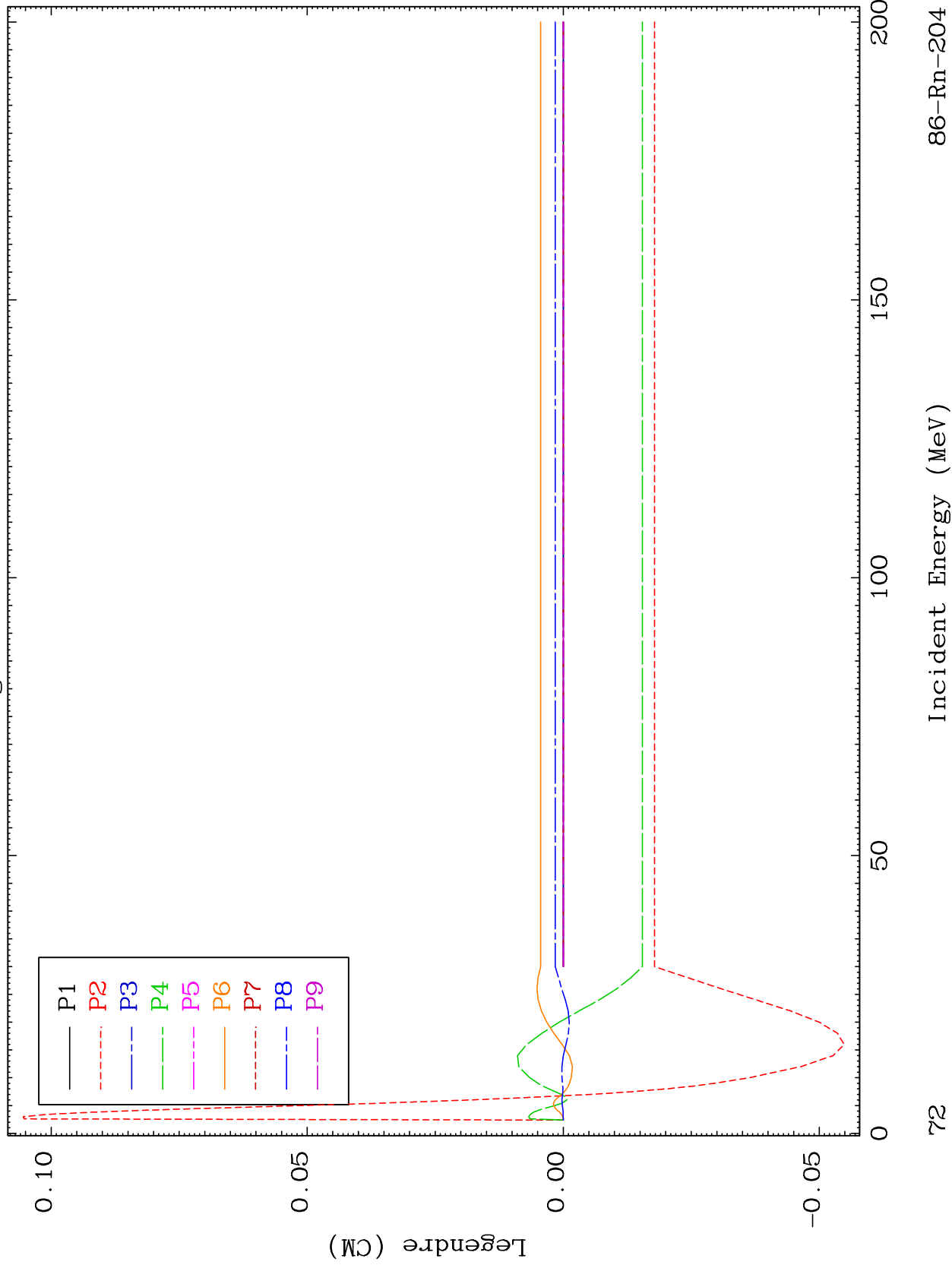
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



86-Rn-204

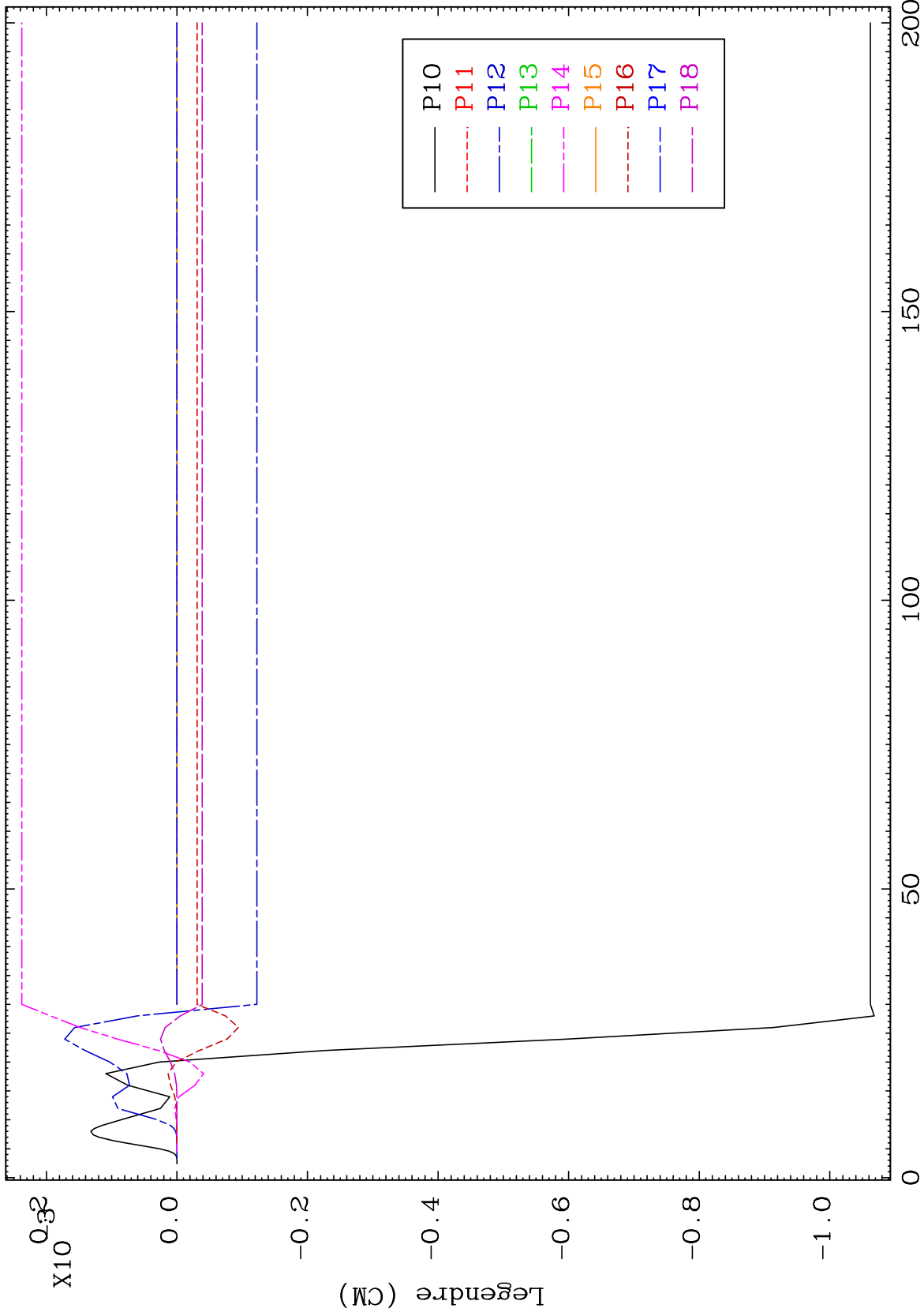
Incident Energy (MeV)

72

MAT 8604

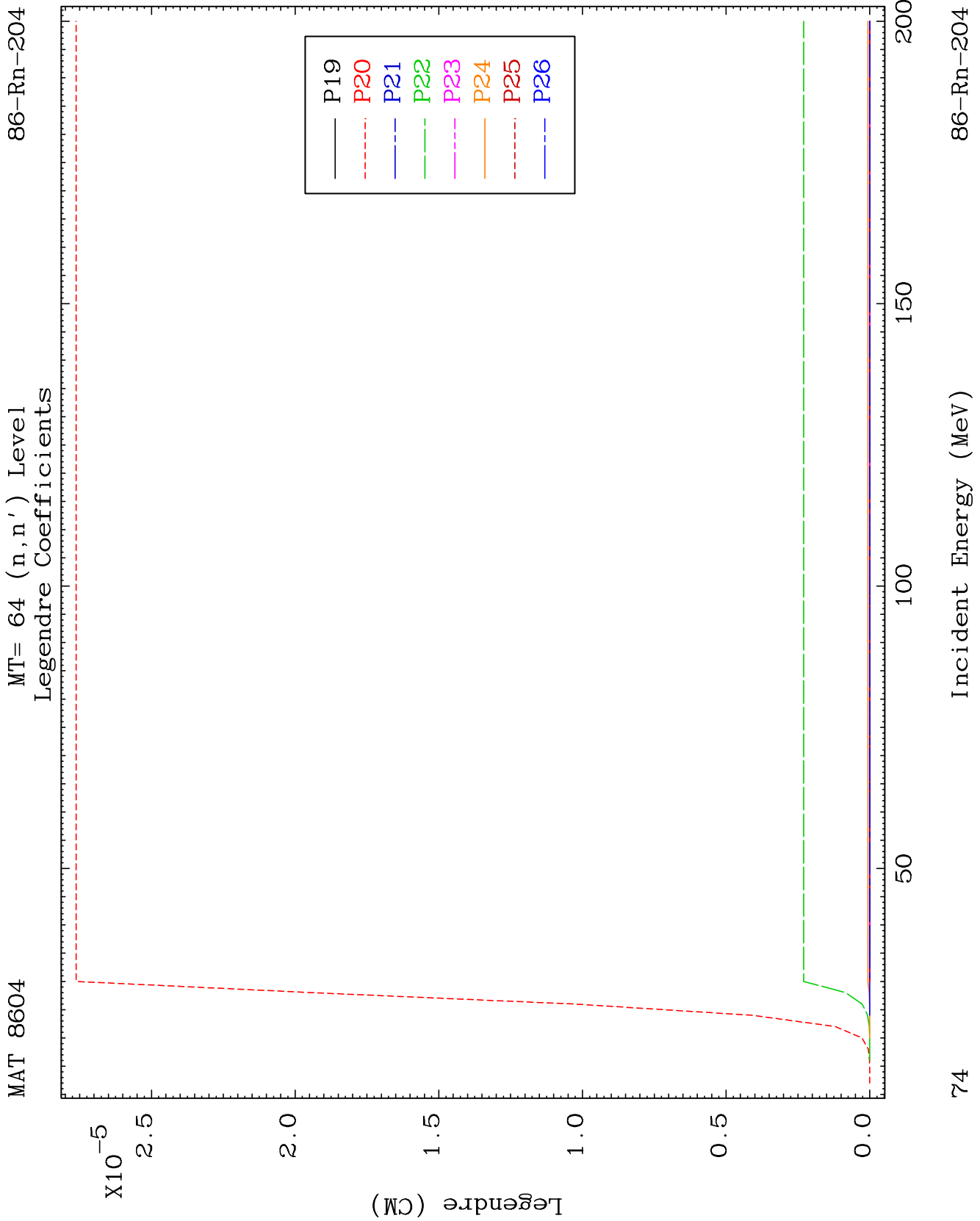
MT= 64 (n,n') Level
Legendre Coefficients

86-Rn-204



73

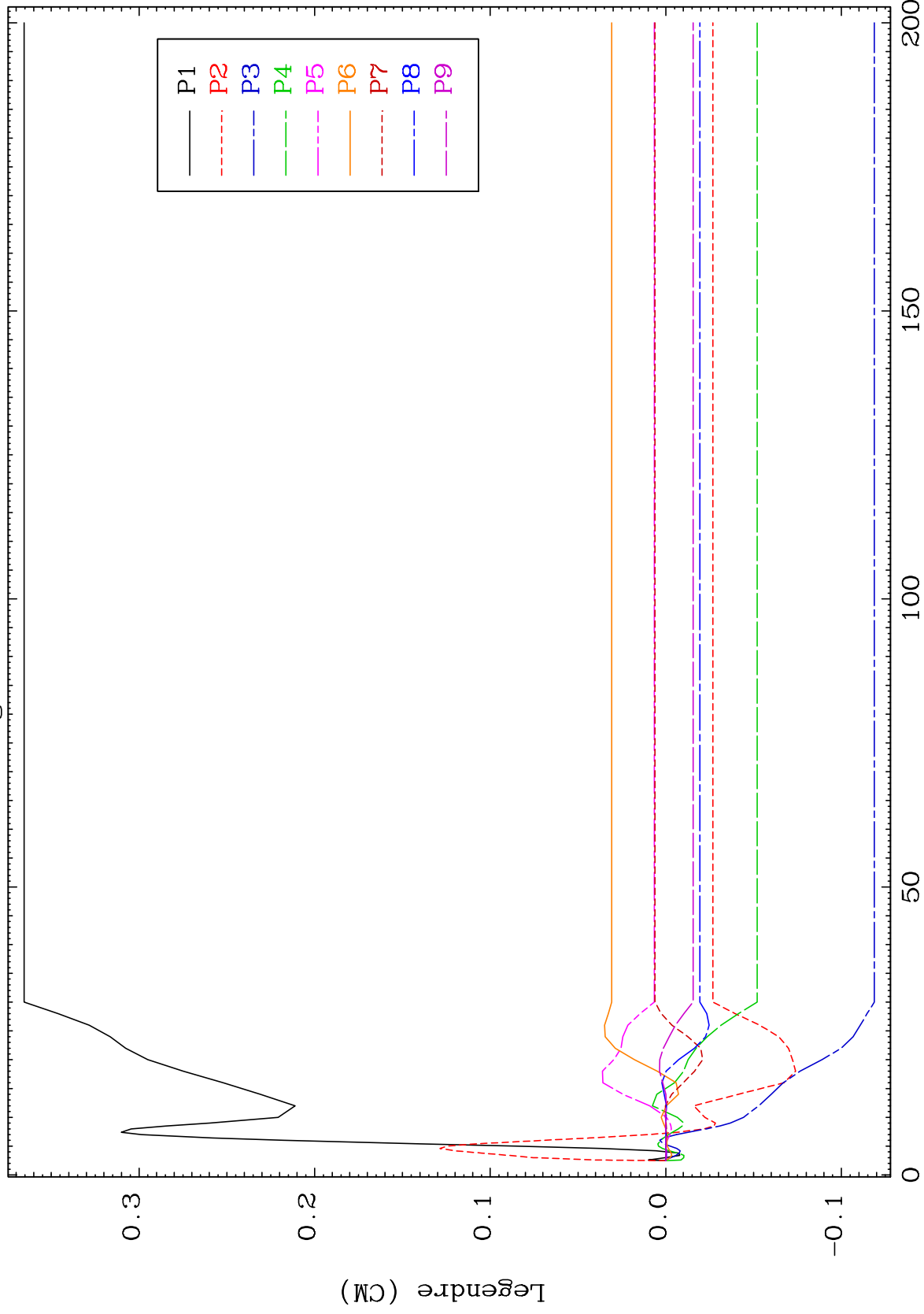
86-Rn-204



MAT 8604

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

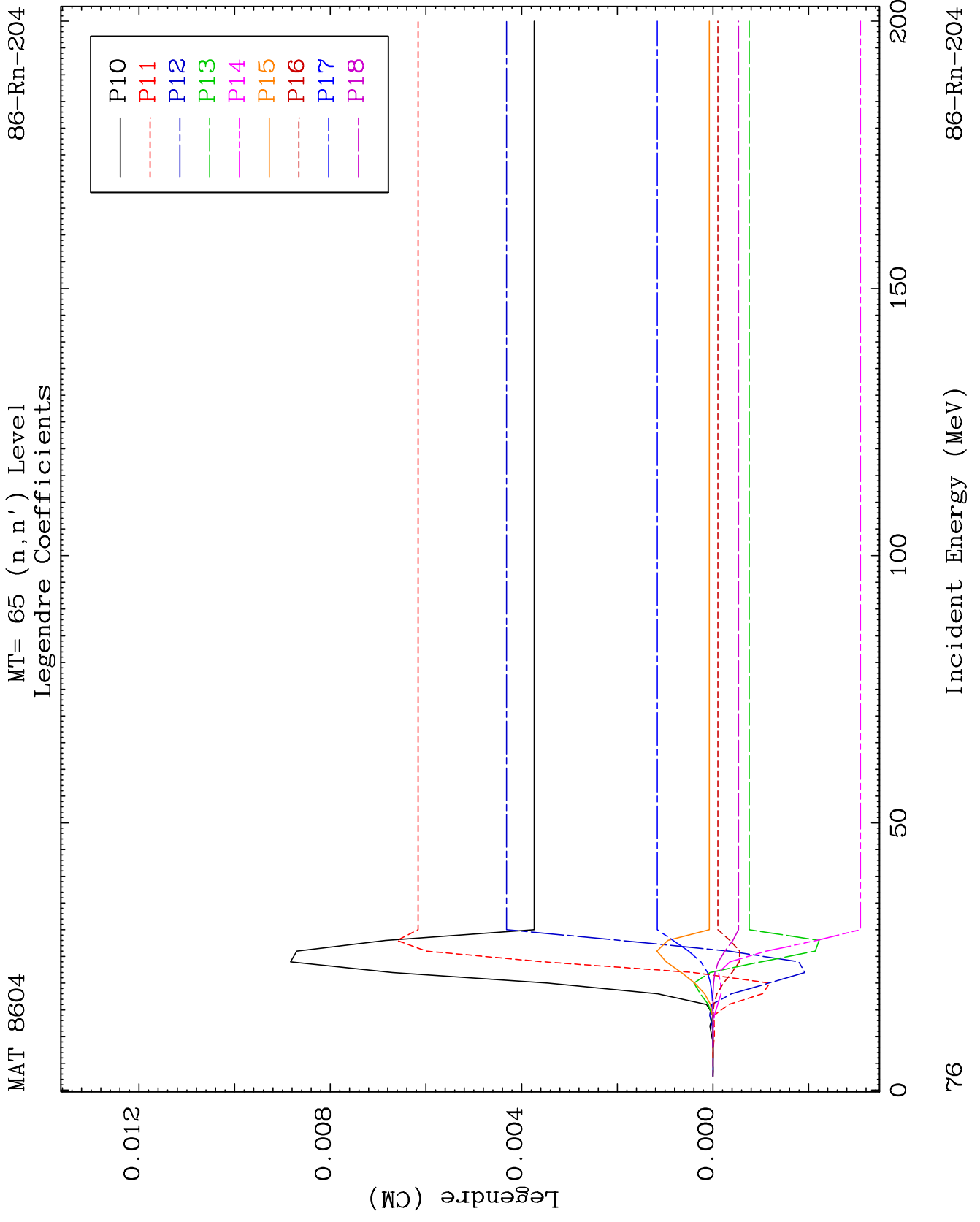
86-Rn-204



75

Incident Energy (MeV)

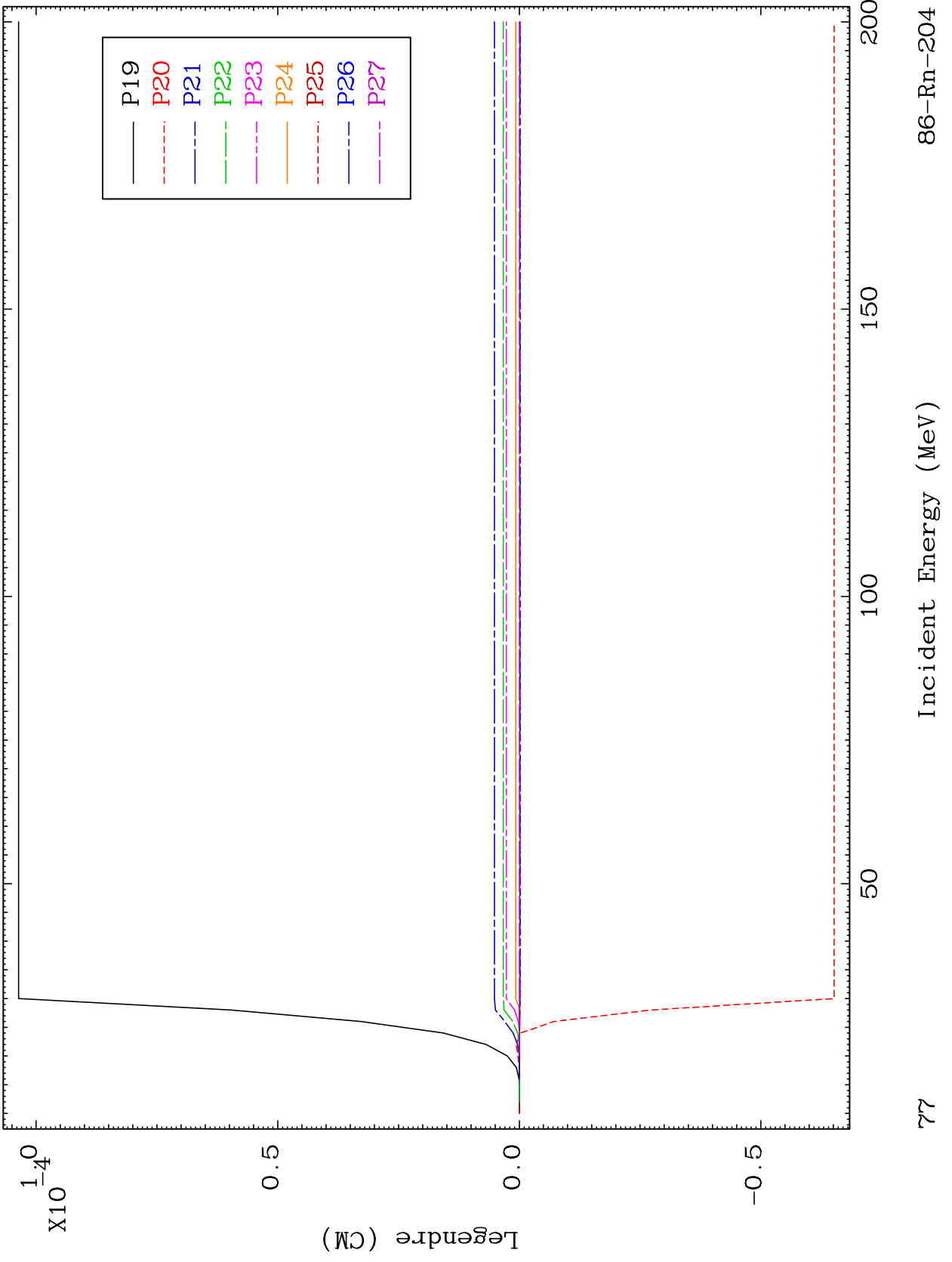
86-Rn-204



MAT 8604

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

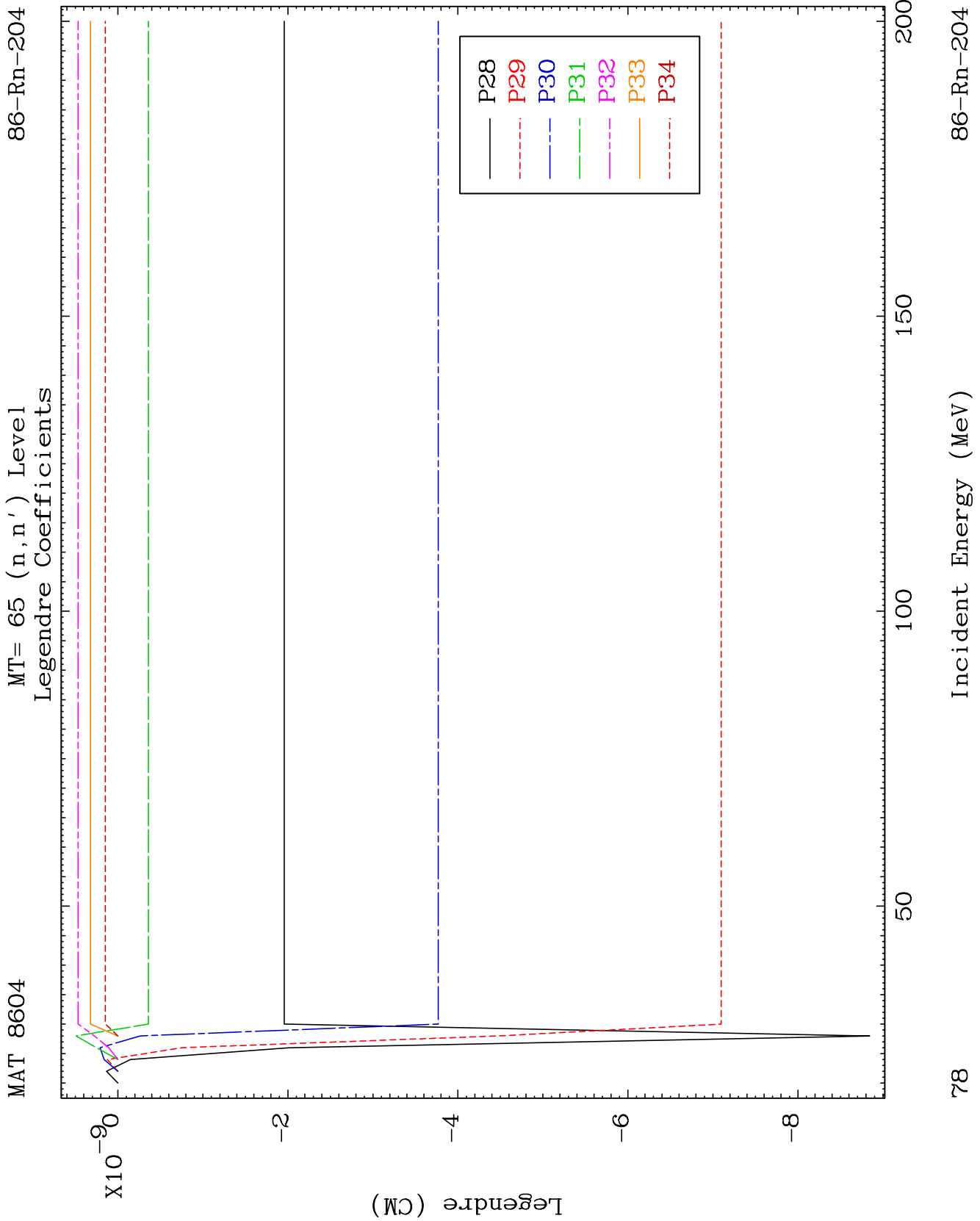
86-Rn-204



77

Incident Energy (MeV)

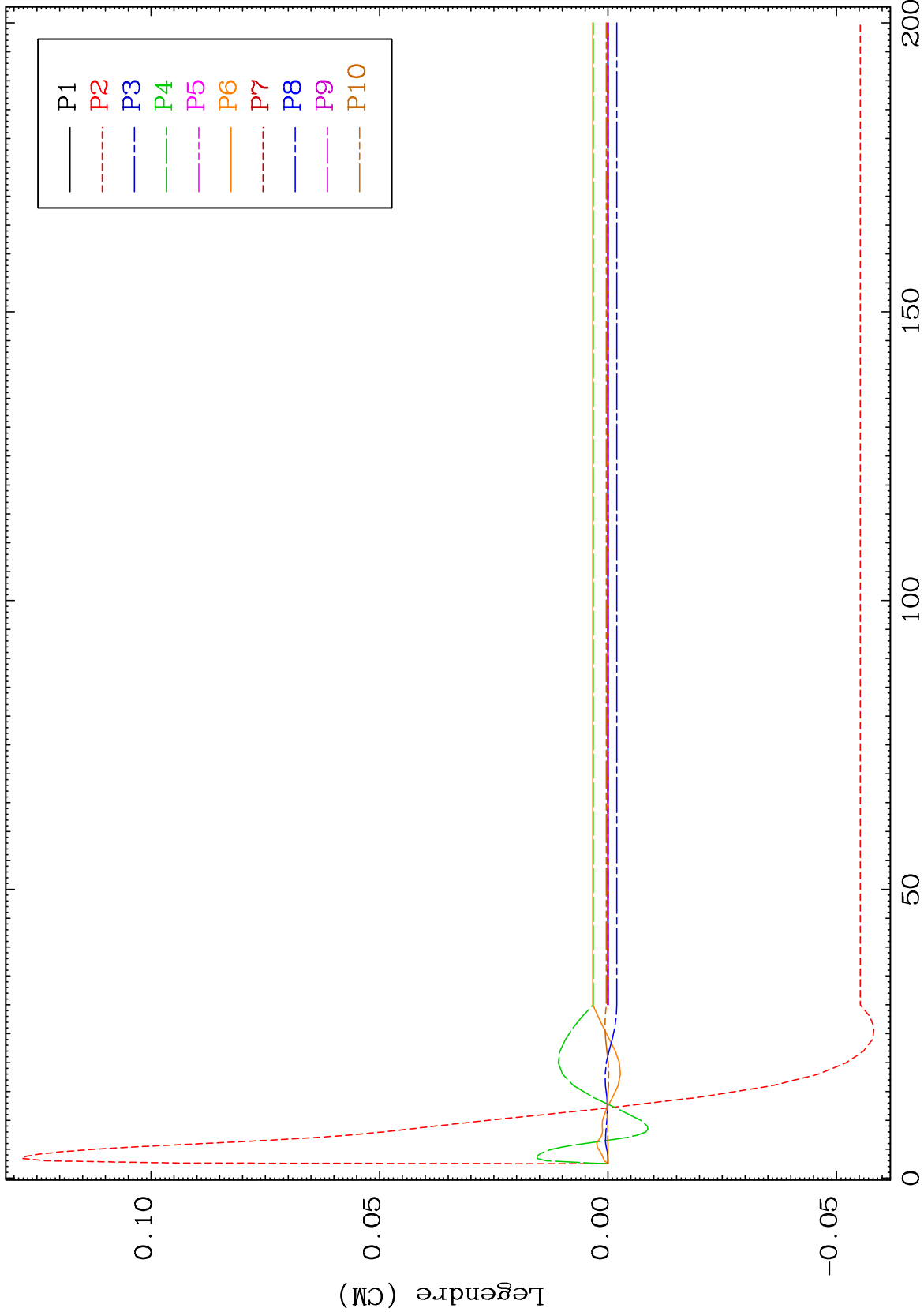
86-Rn-204



MAT 8604

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

86-Rn-204



79

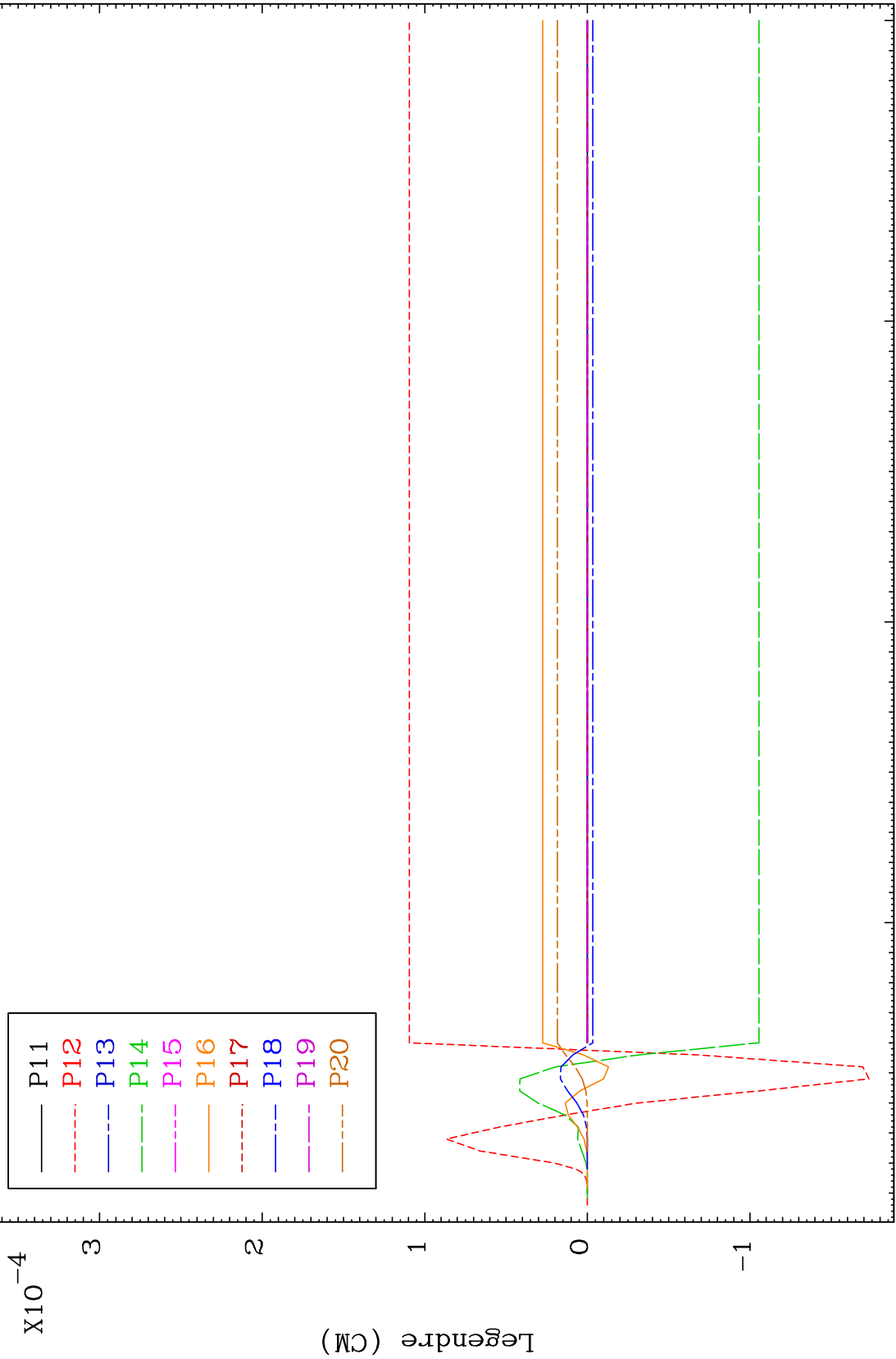
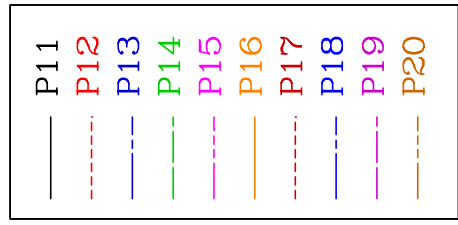
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



80

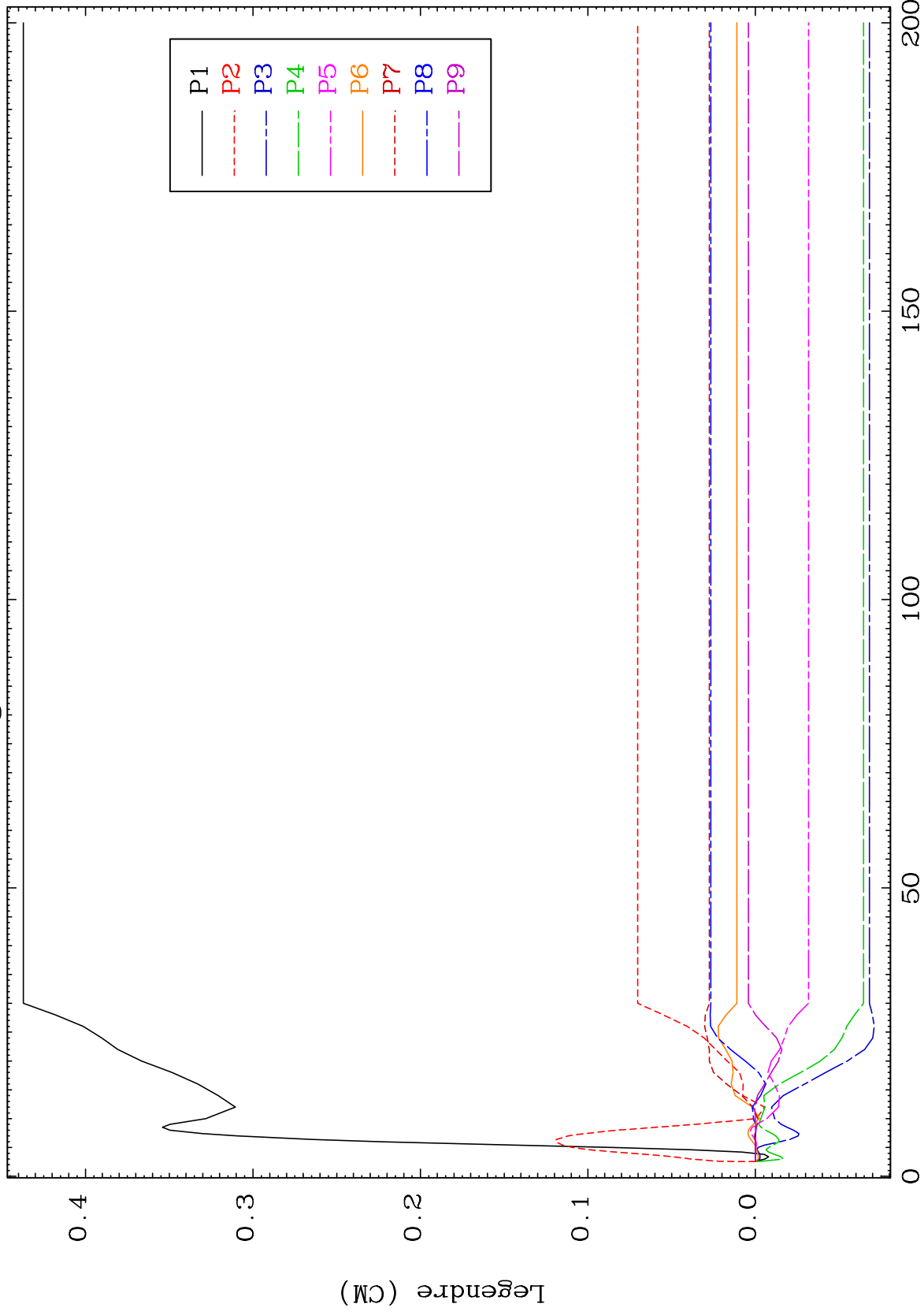
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



86-Rn-204

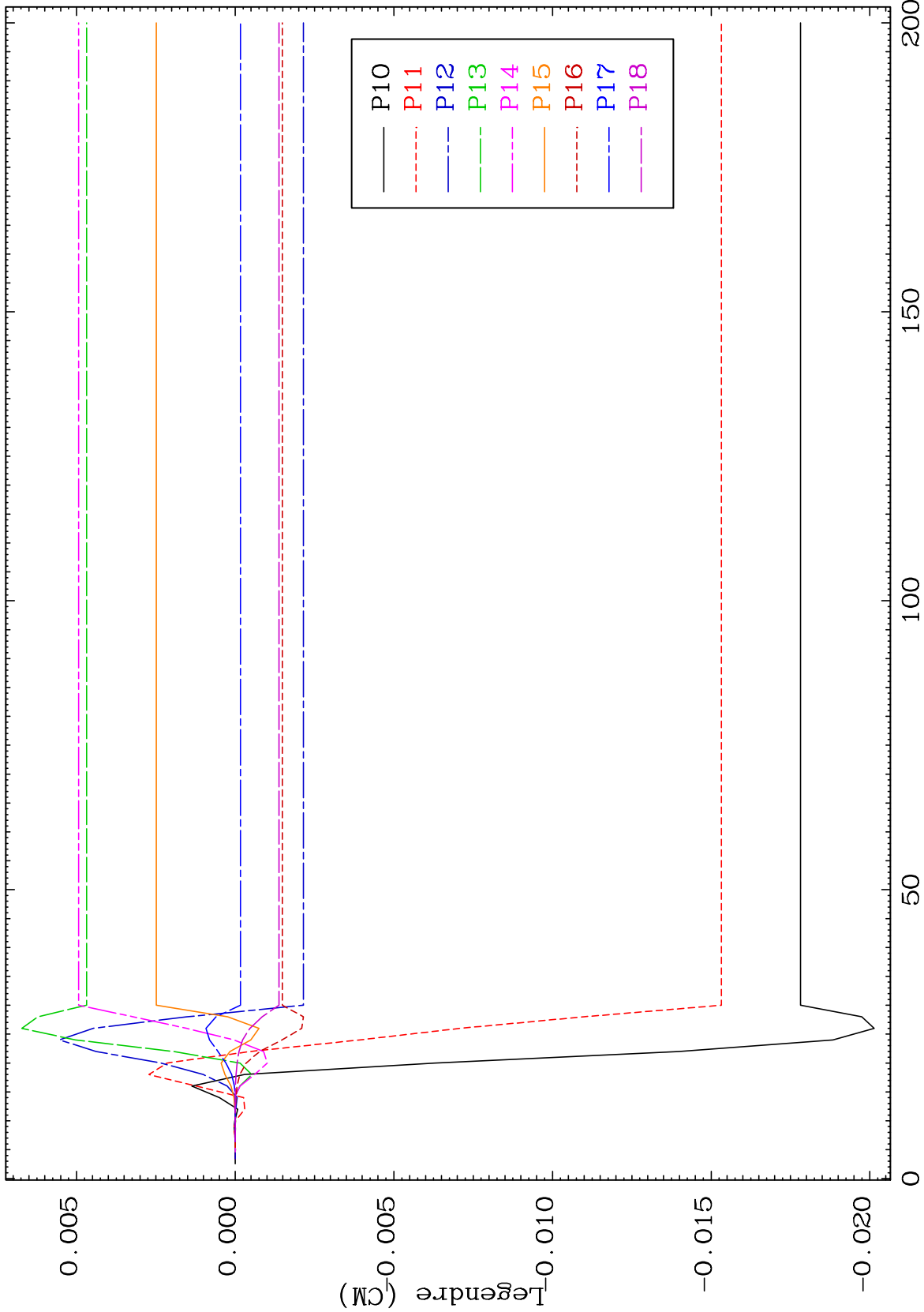
Incident Energy (MeV)

82

MAT 8604

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

86-Rn-204



83

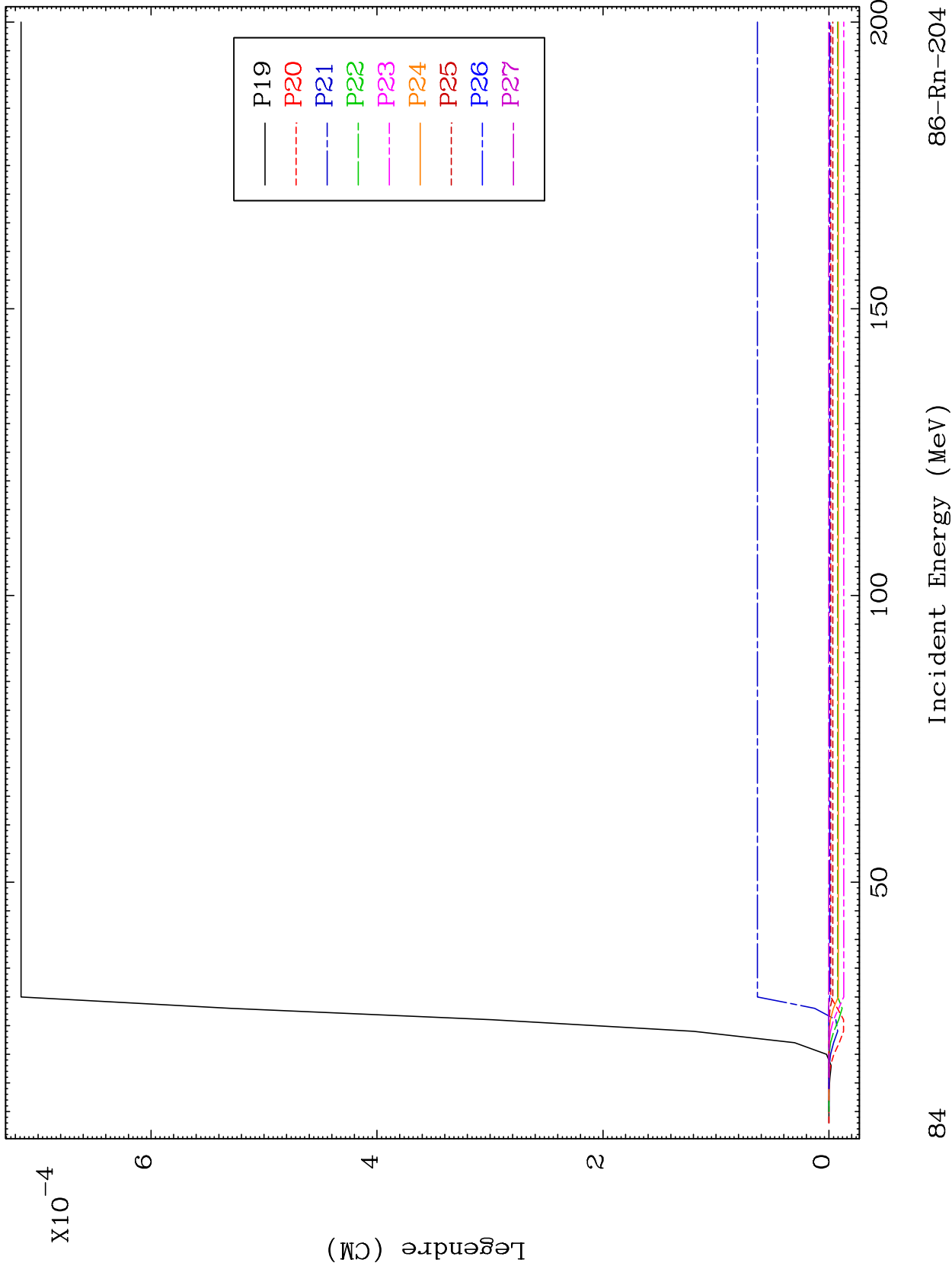
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



84

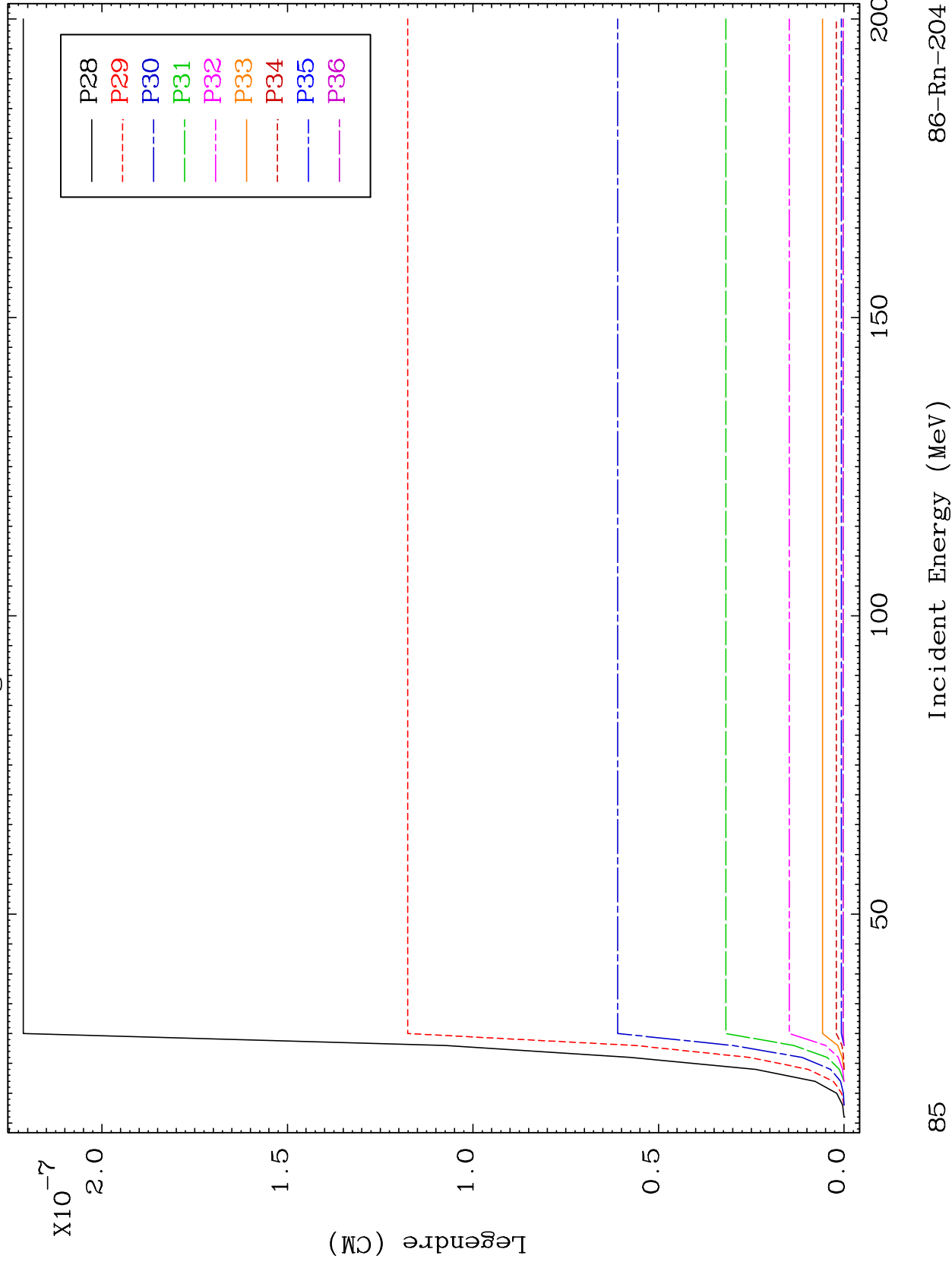
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



85

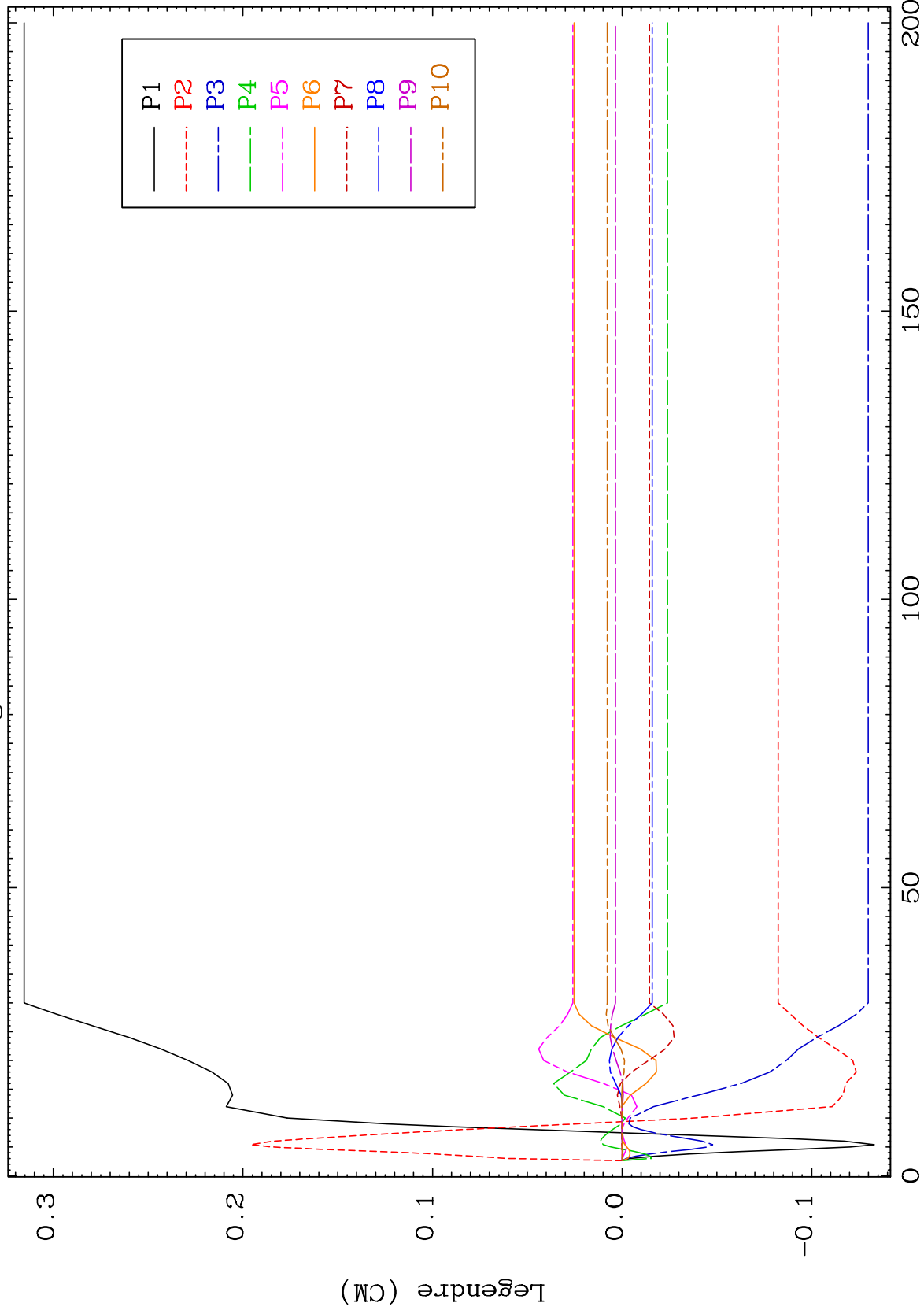
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



86

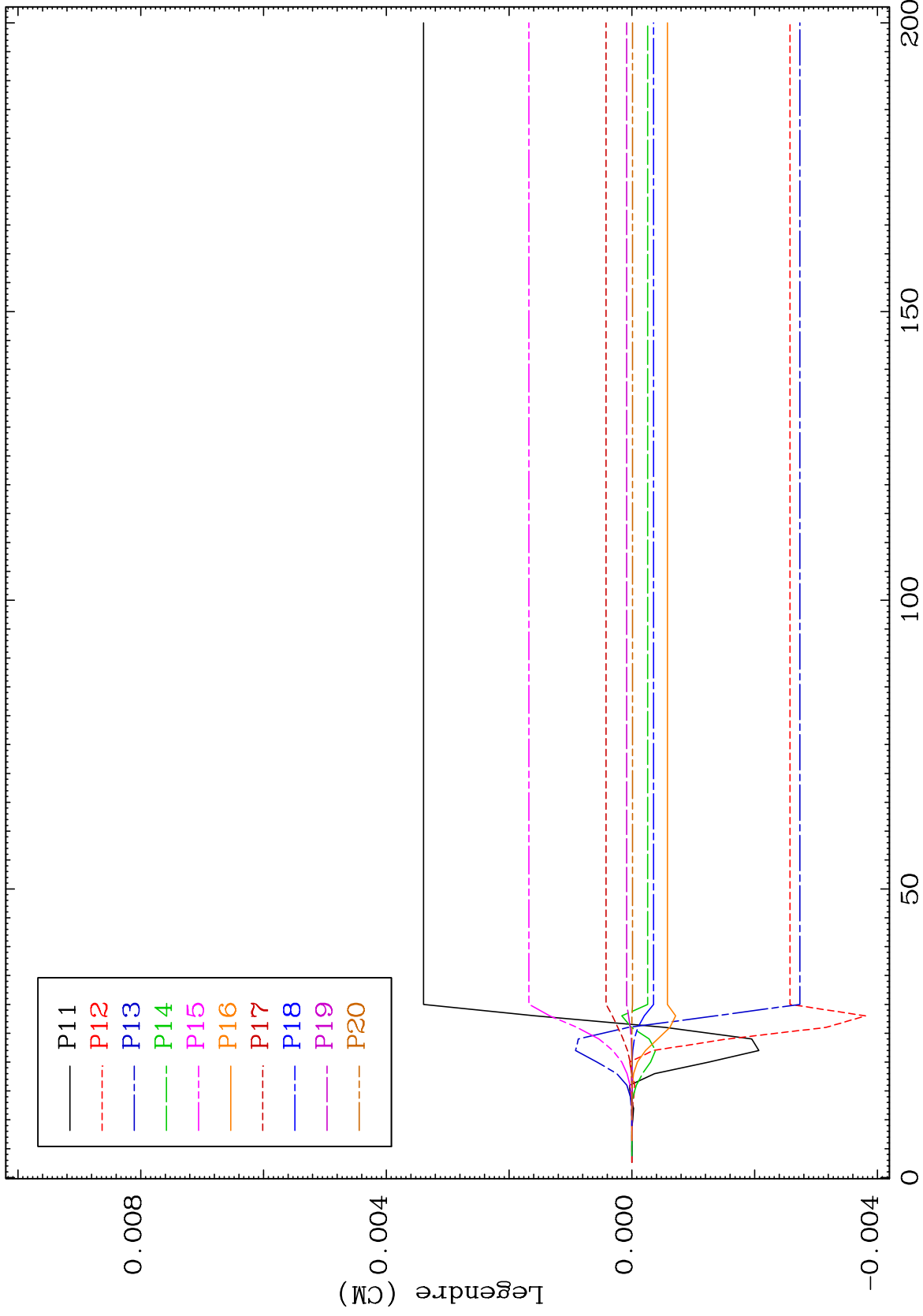
86-Rn-204

86-Rn-204

MAT 8604

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

86-Rn-204



87

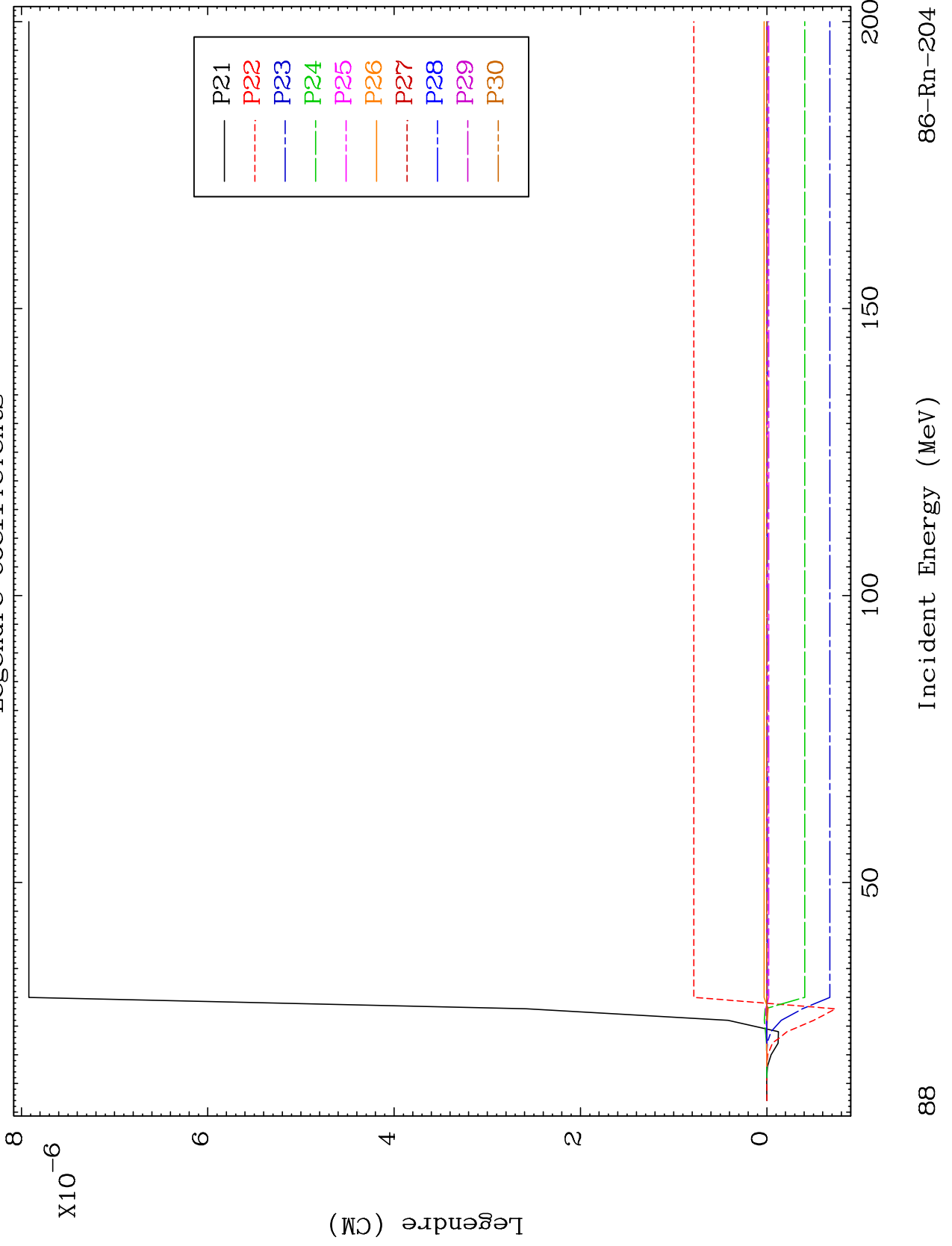
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

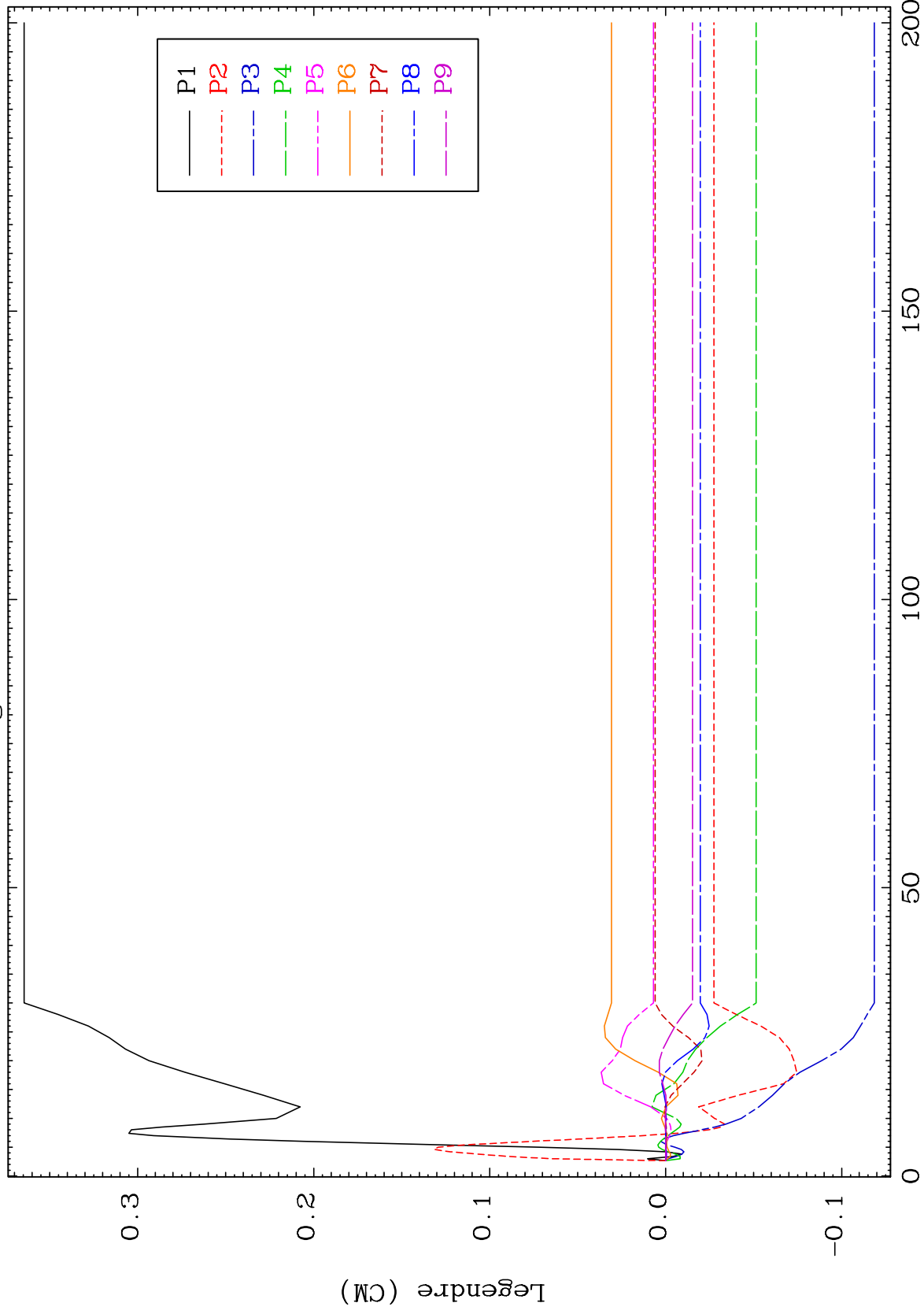
86-Rn-204



MAT 8604

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

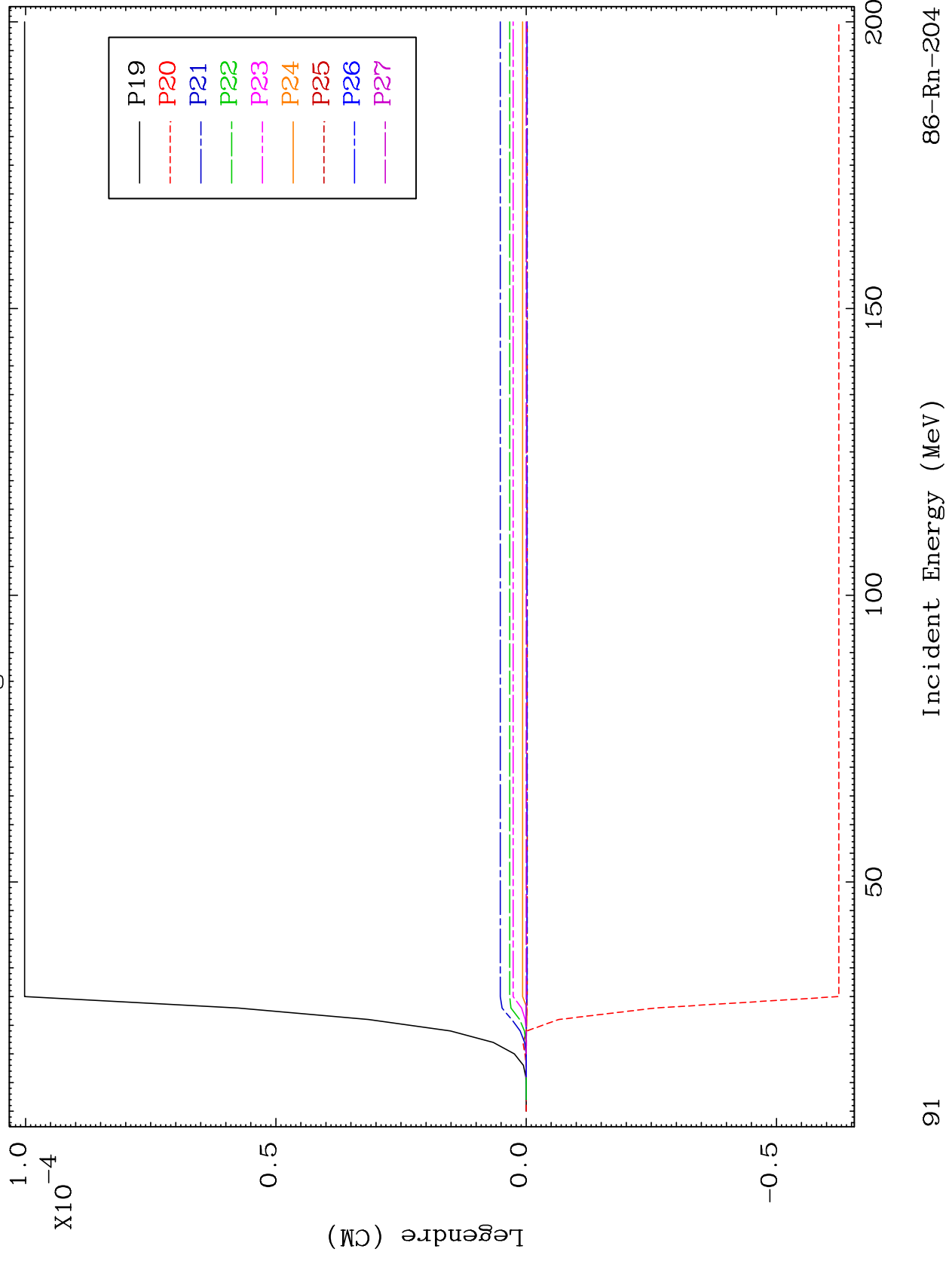
86-Rn-204

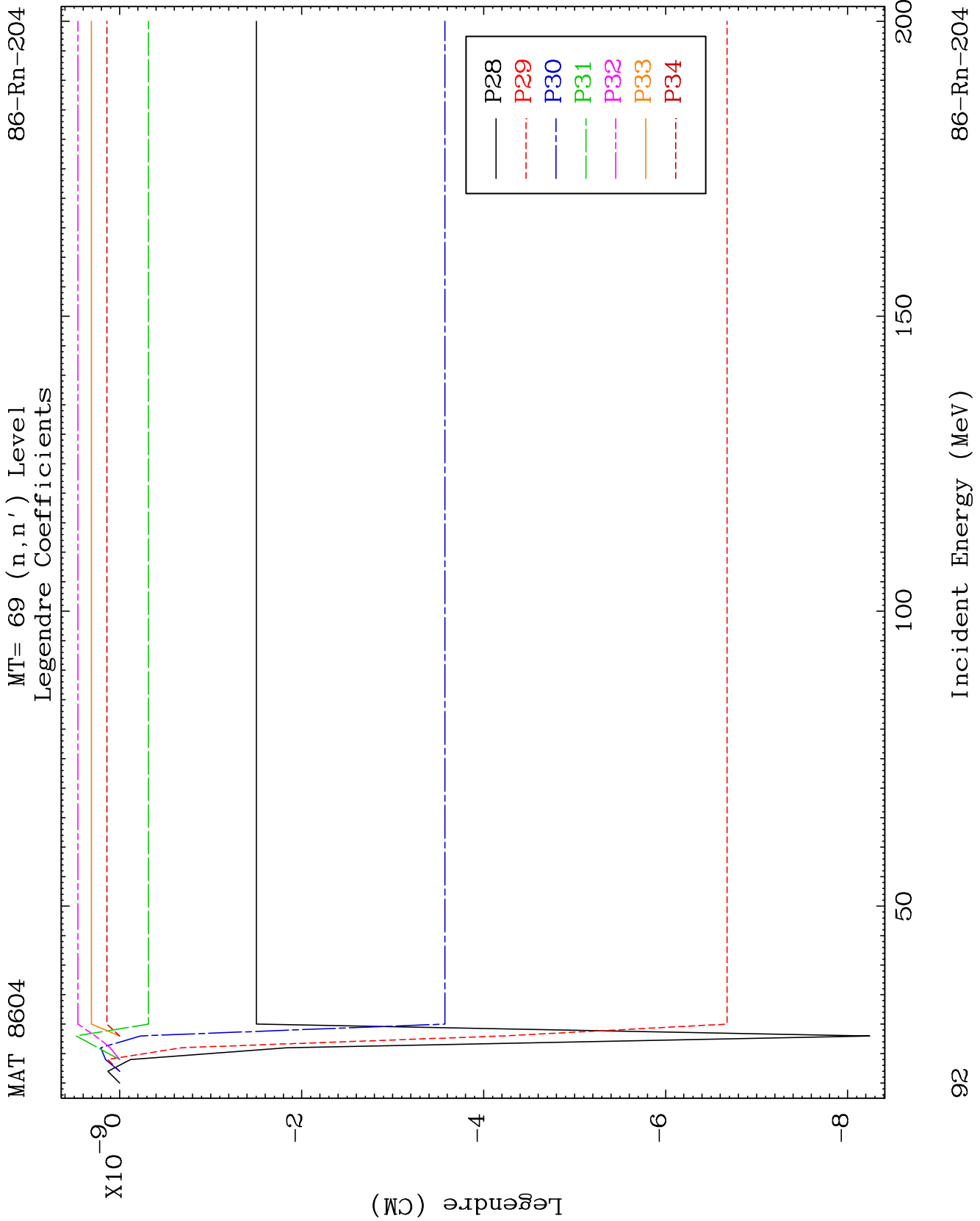


89

Incident Energy (MeV)

86-Rn-204

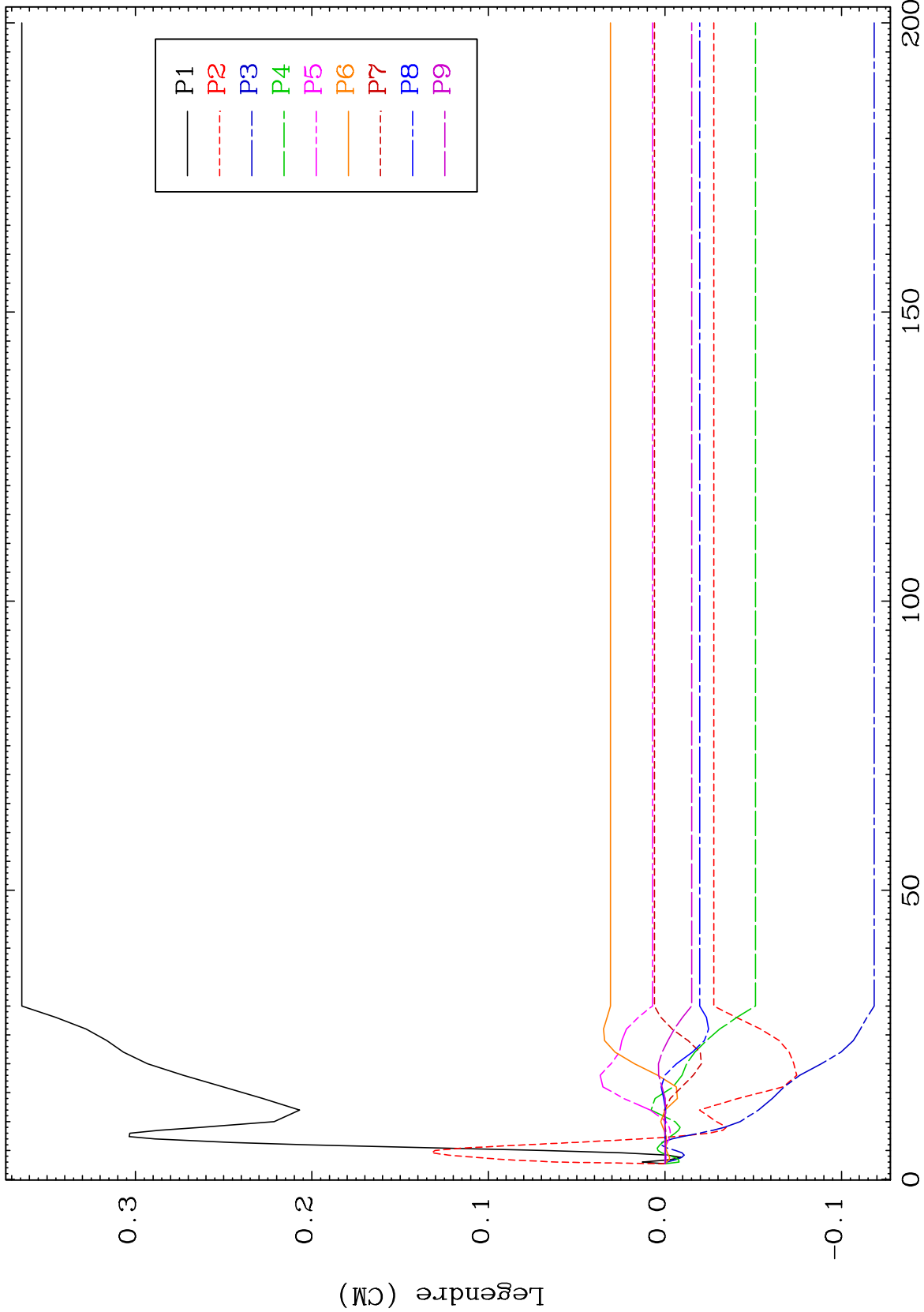




MAT 8604

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

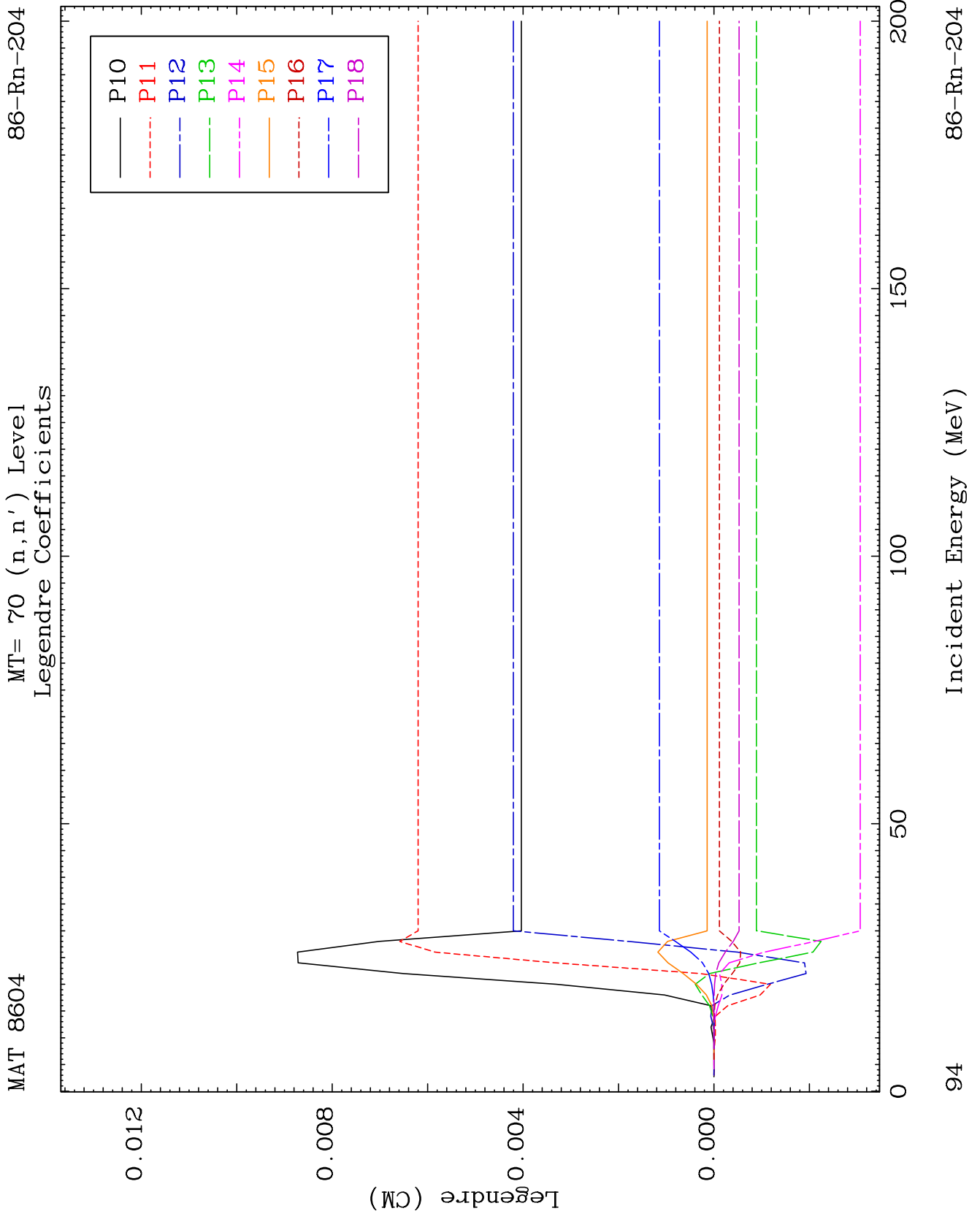
86-Rn-204



93

Incident Energy (MeV)

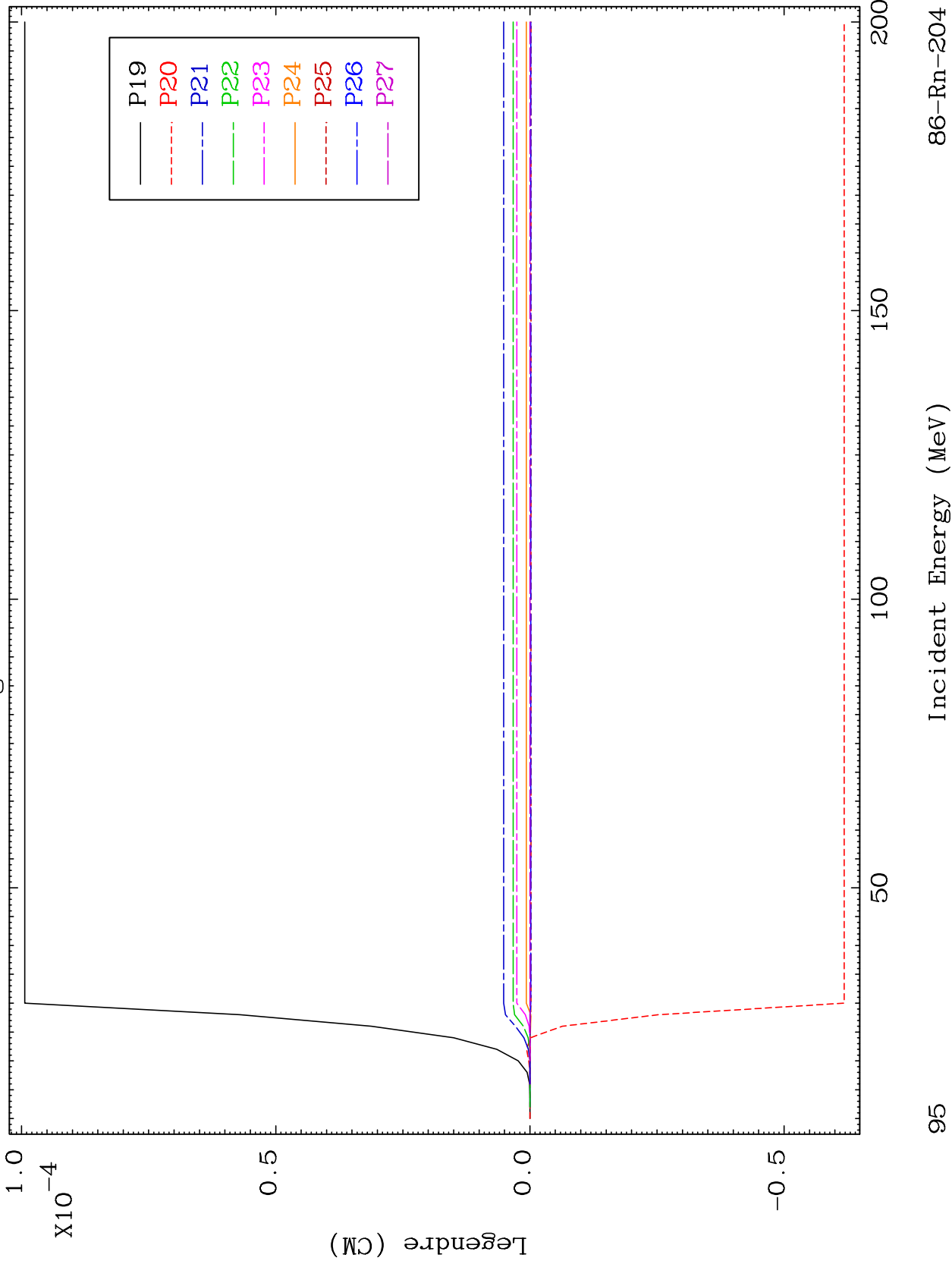
86-Rn-204



MAT 8604

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

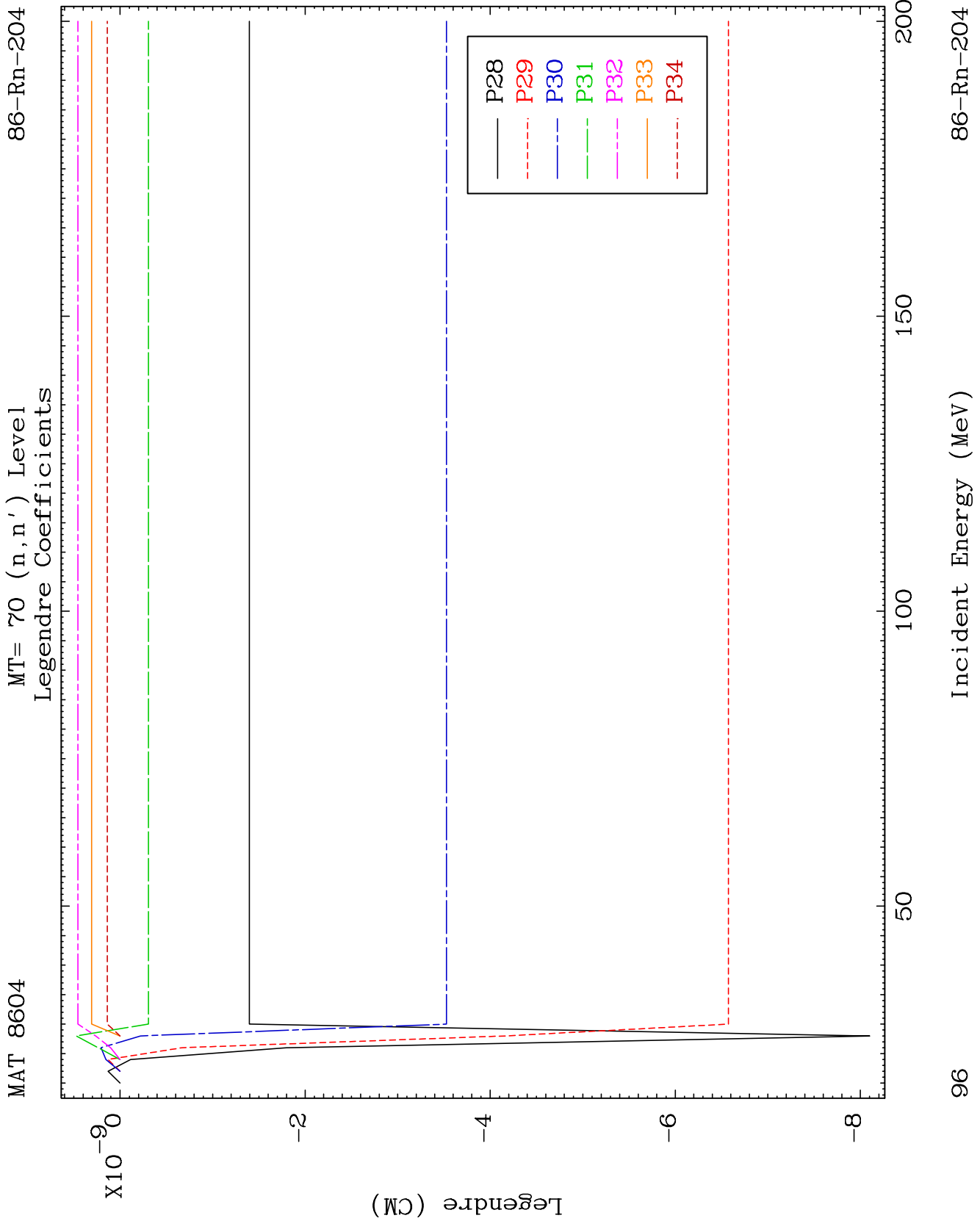
86-Rn-204



95

Incident Energy (MeV)

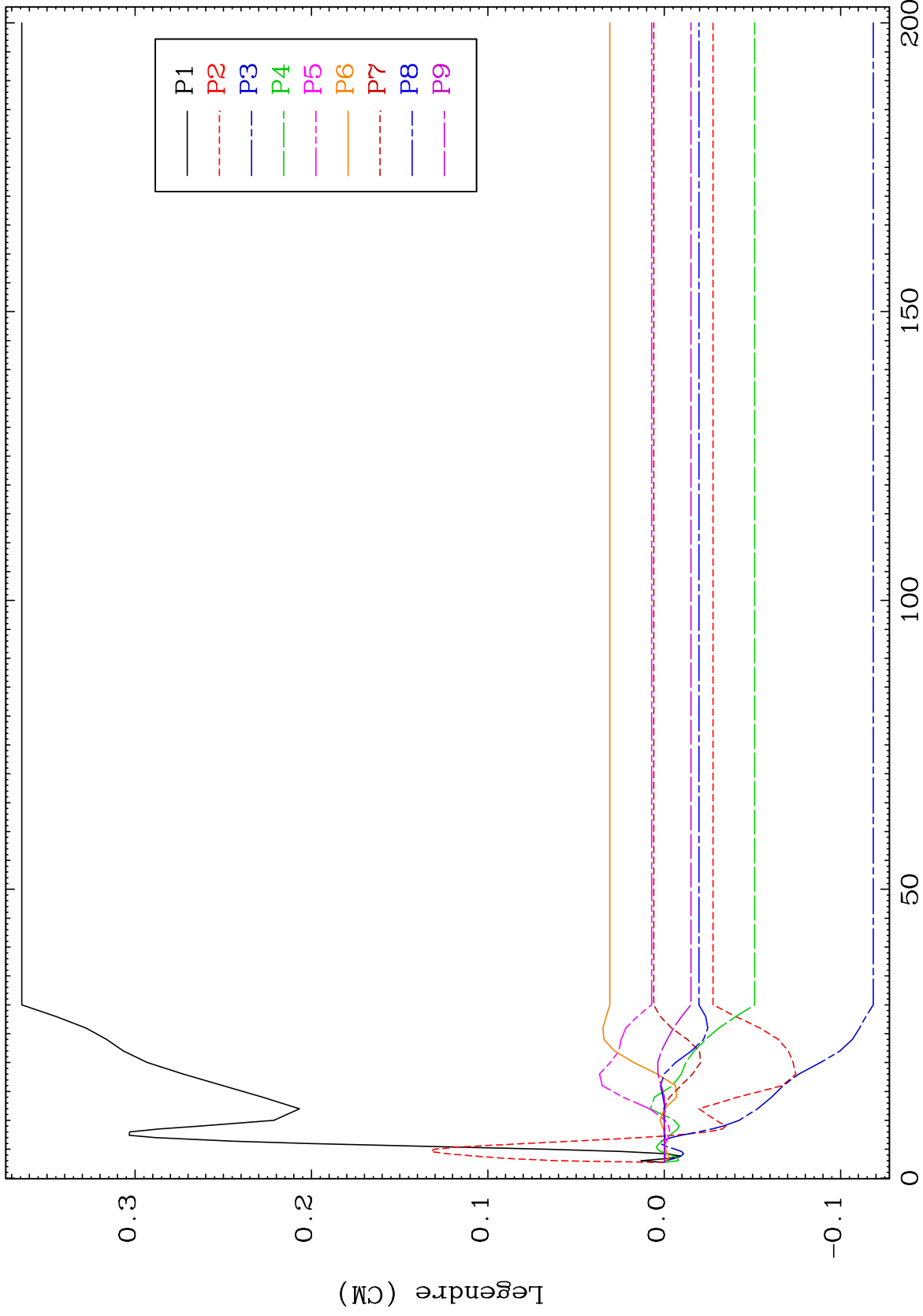
86-Rn-204



MAT 8604

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

86-Rn-204



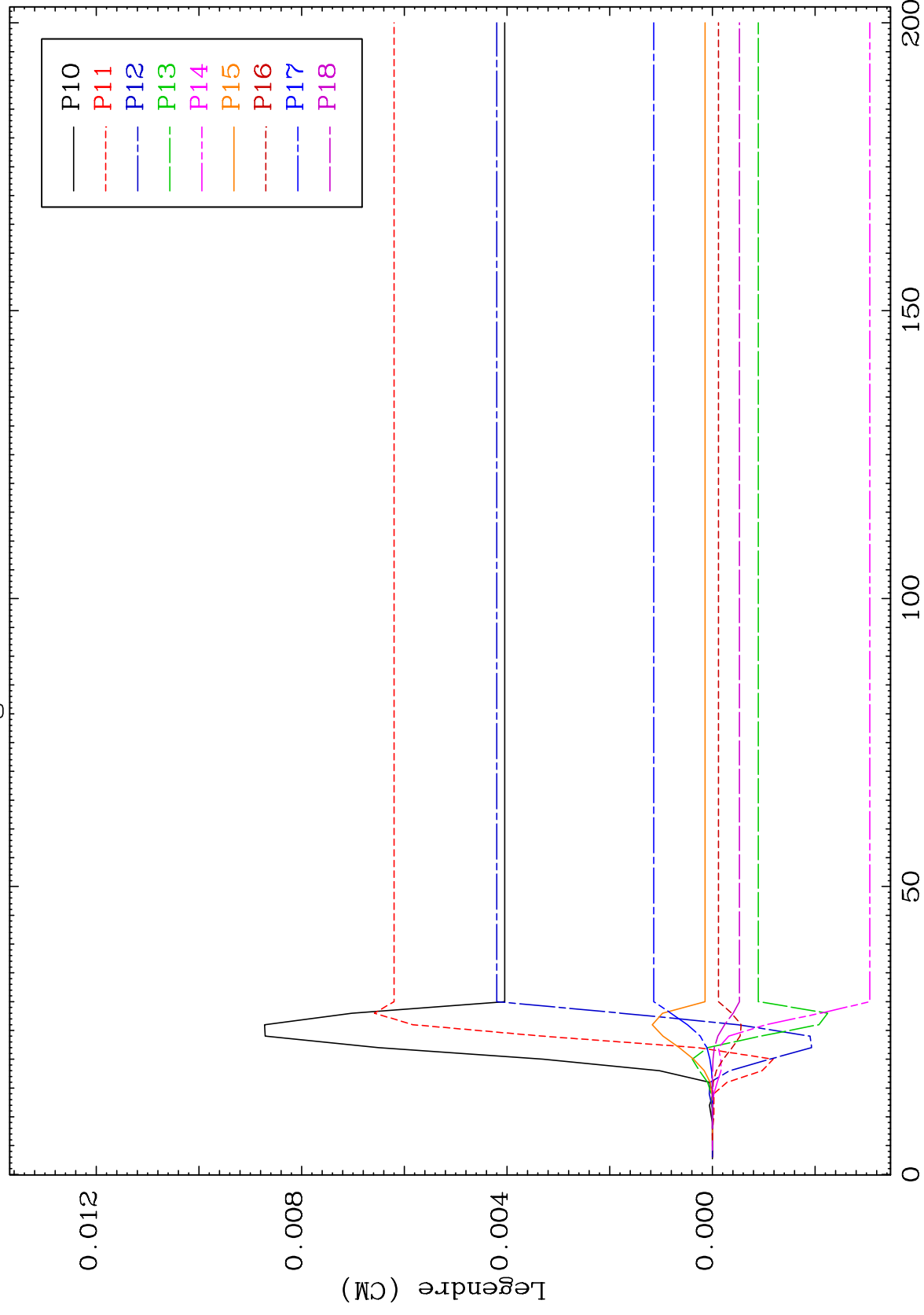
97

86-Rn-204

MAT 8604

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

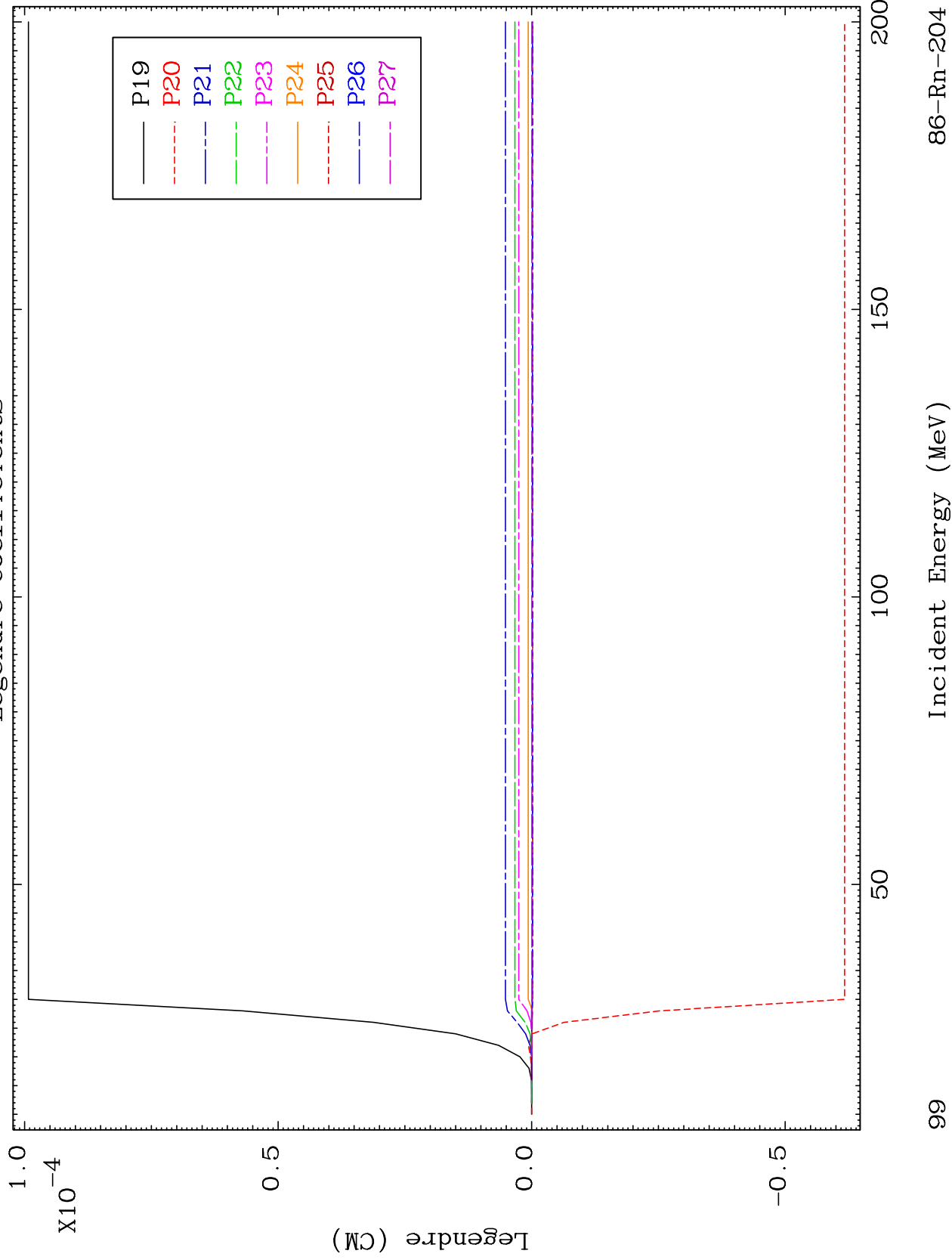
86-Rn-204

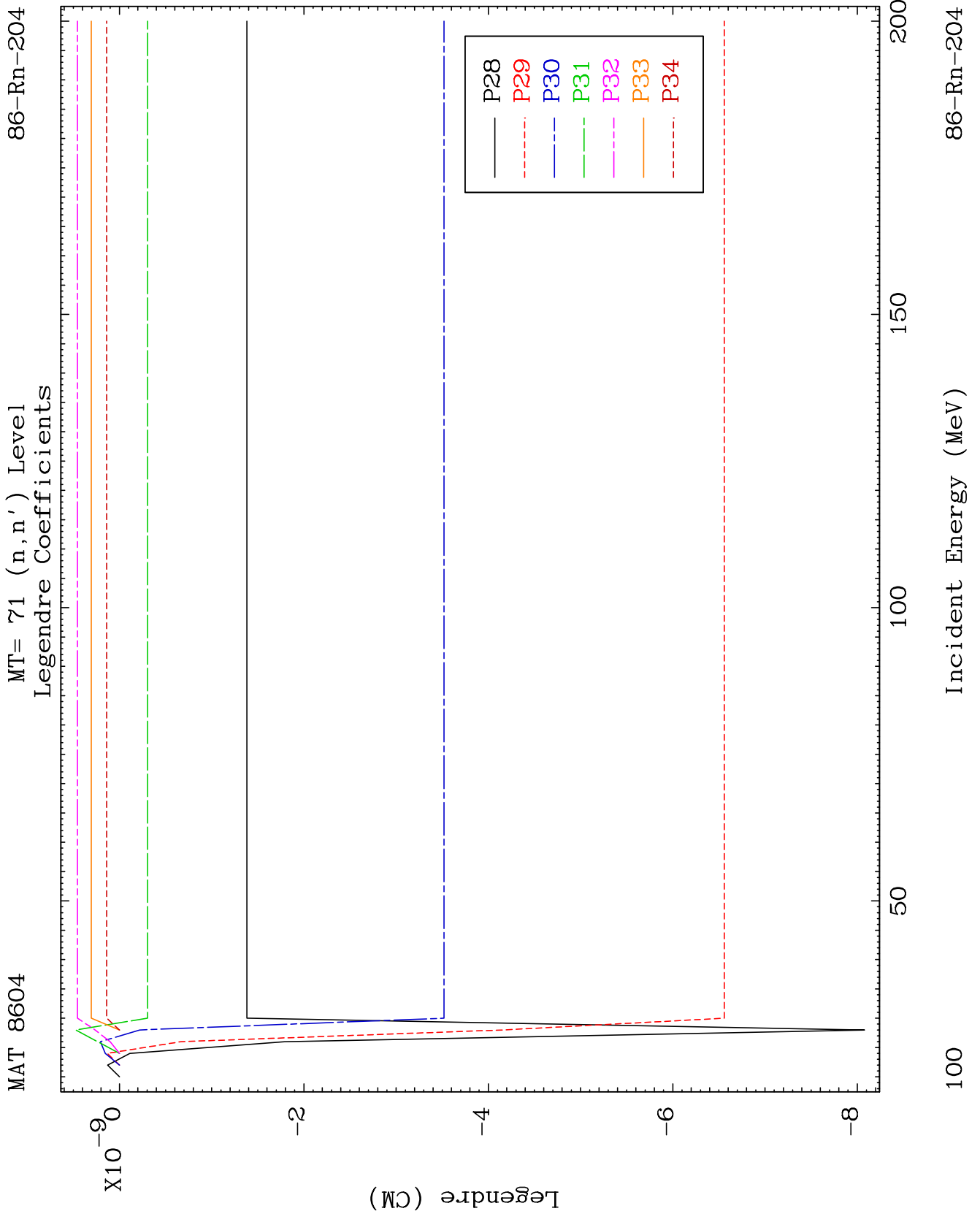


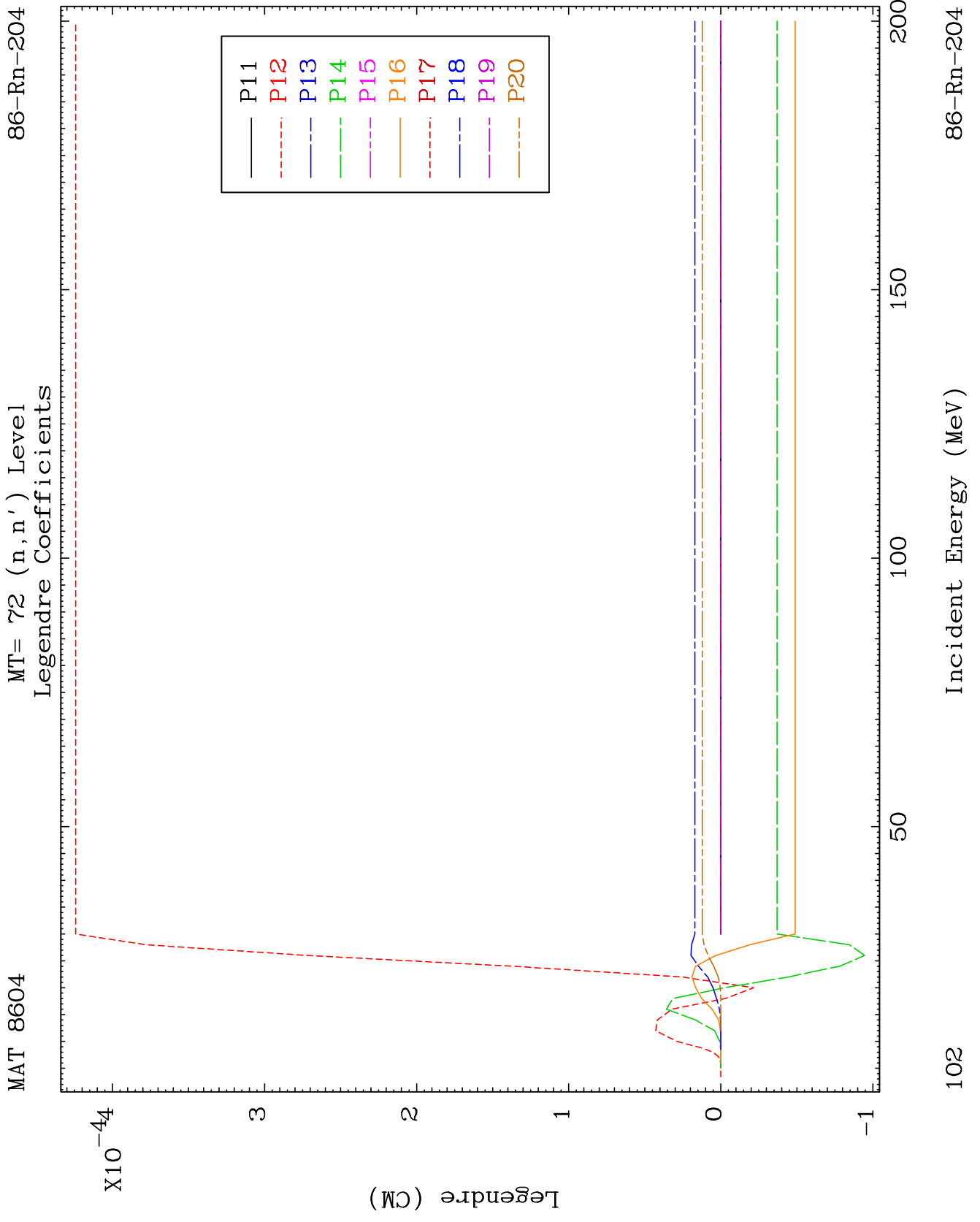
98

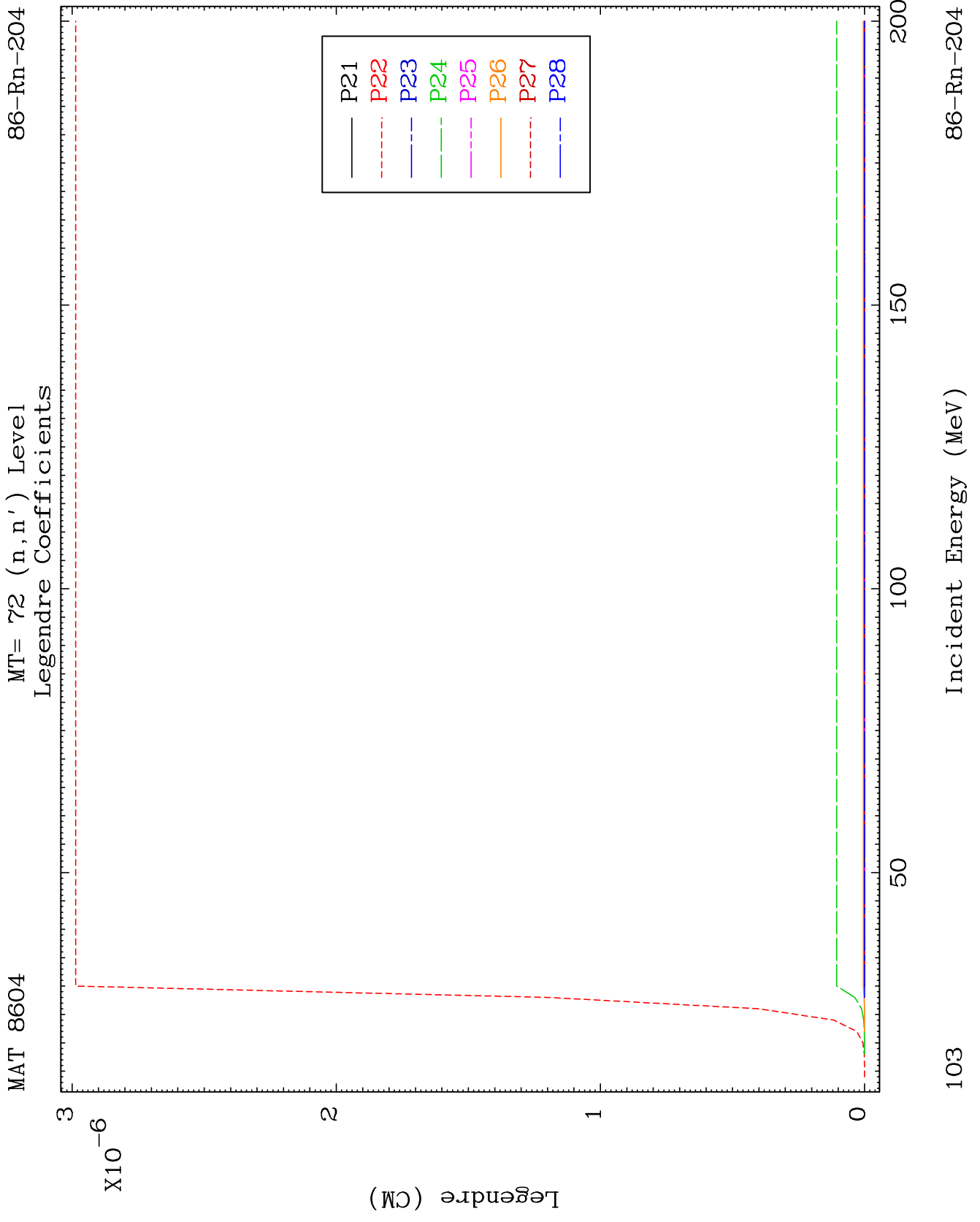
Incident Energy (MeV)

86-Rn-204





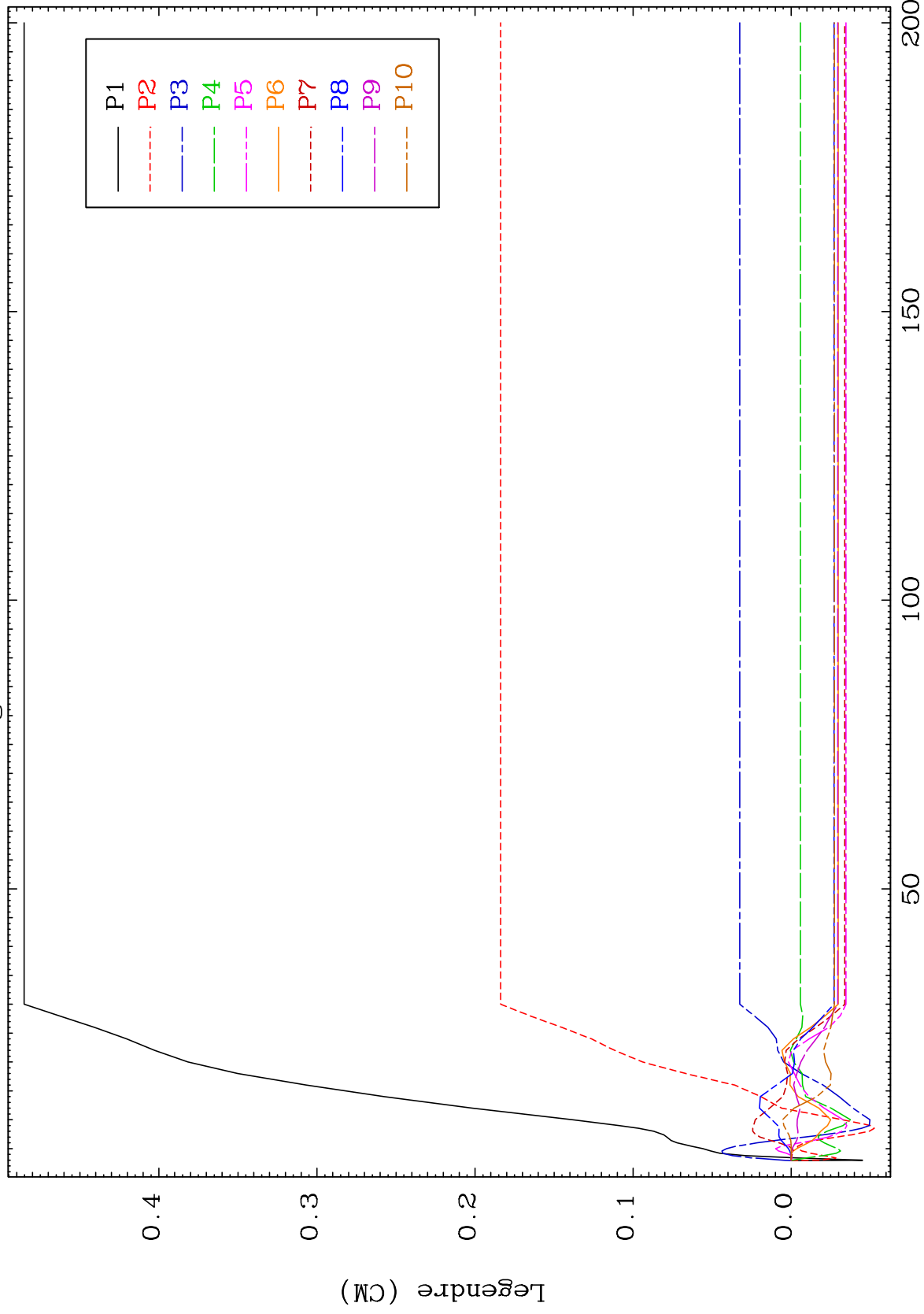




MAT 8604

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

86-Rn-204



104

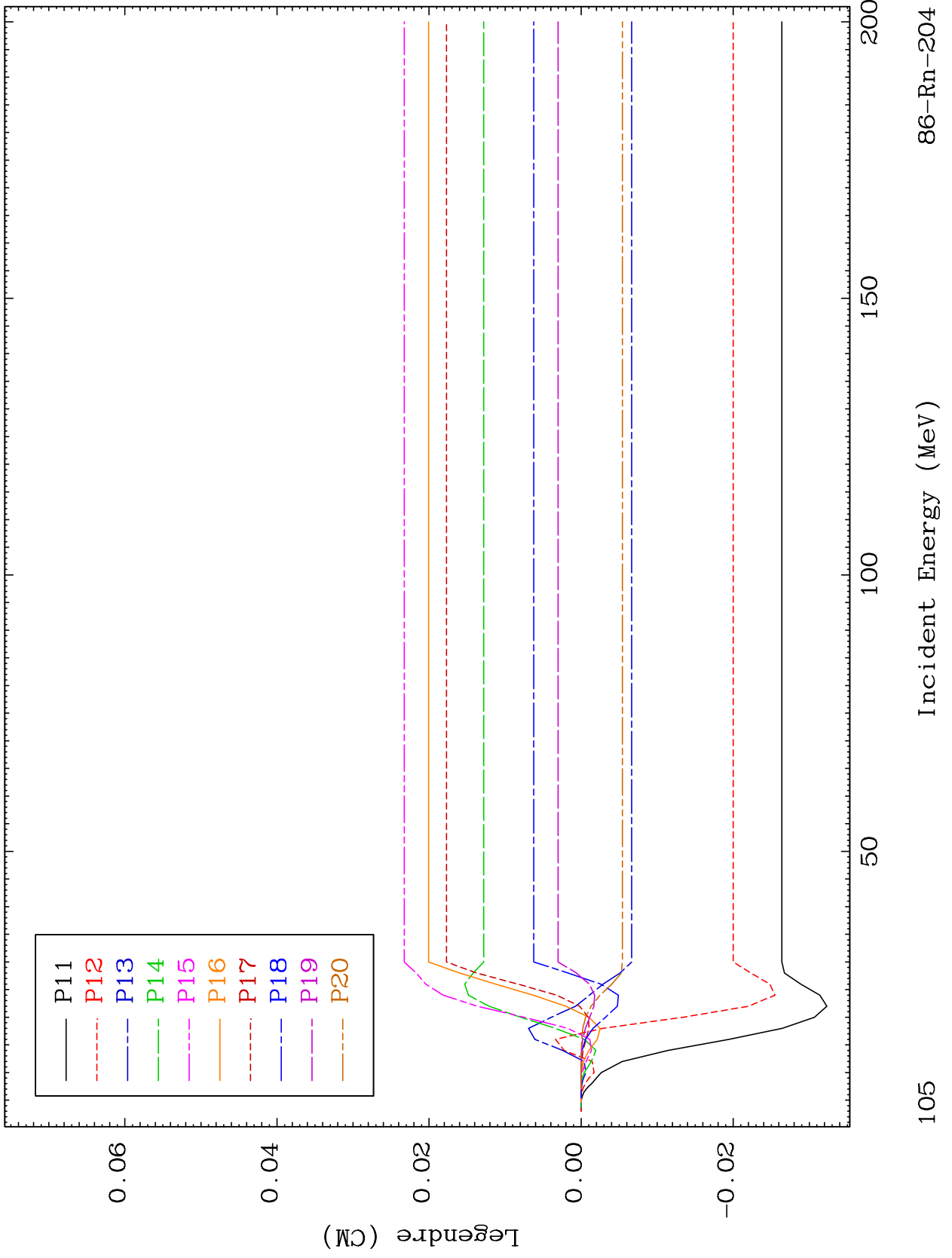
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



105

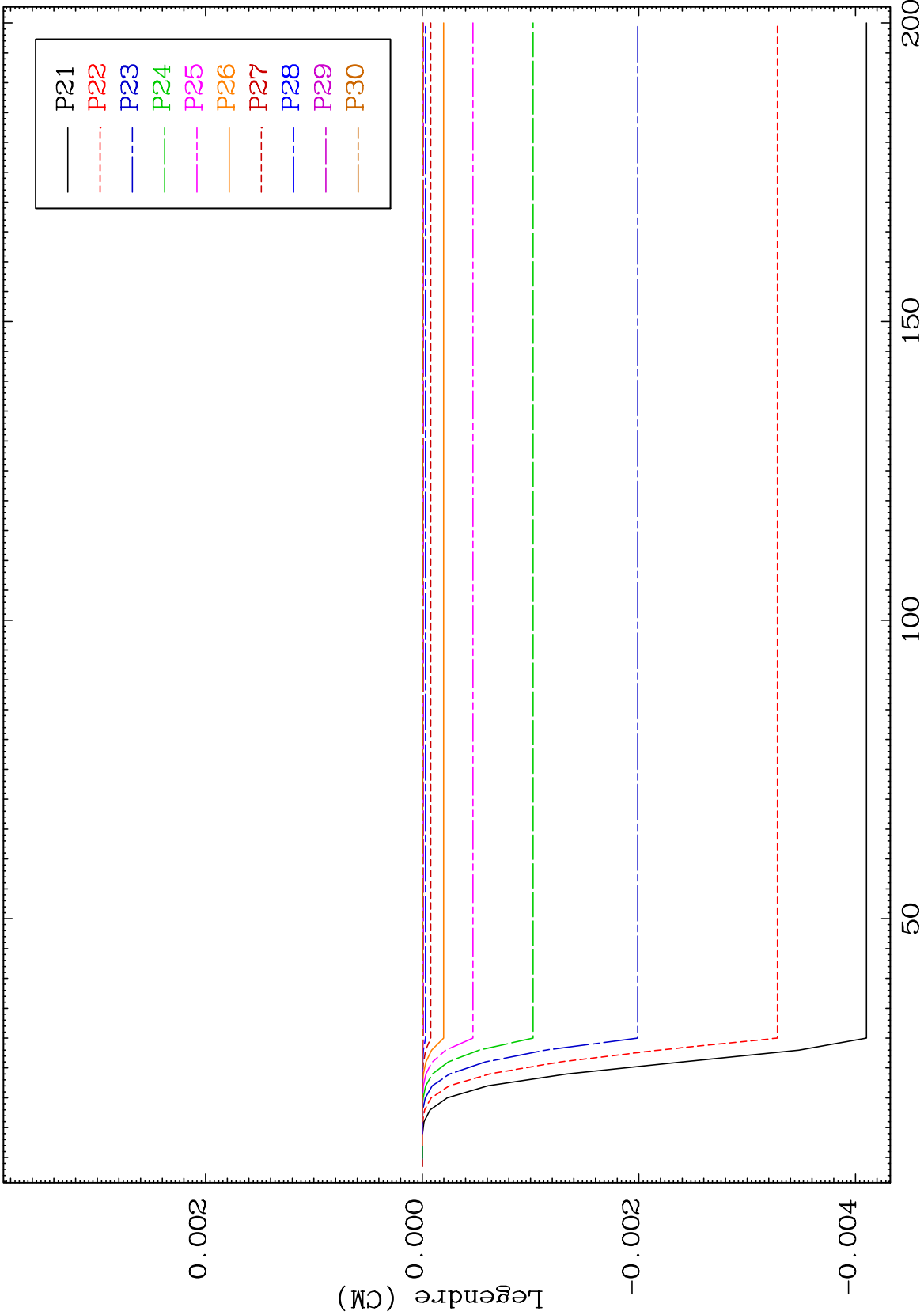
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

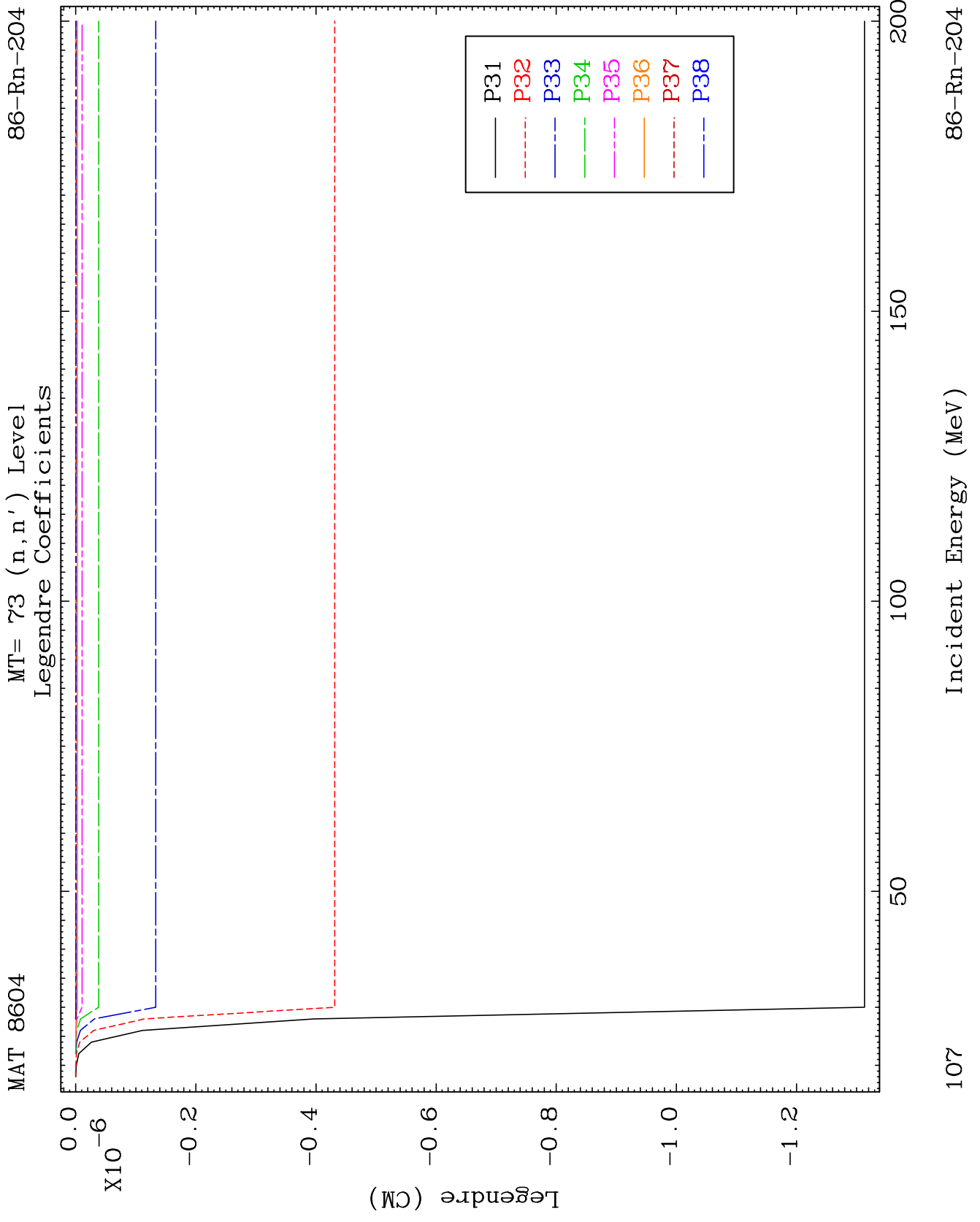
86-Rn-204



106

Incident Energy (MeV)

86-Rn-204

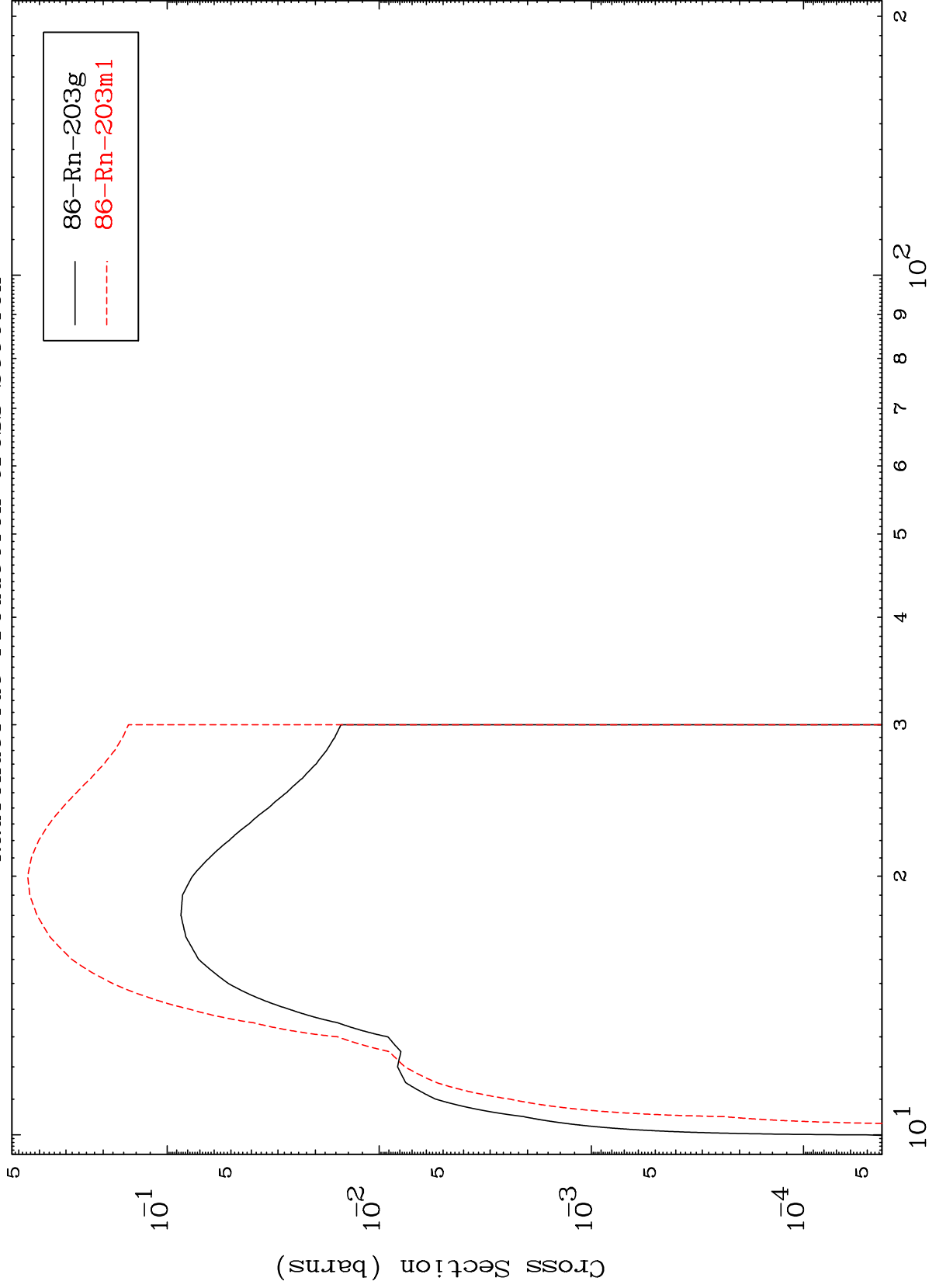


MAT 8604

(n,2n)

86-Rn-204

Radionuclide Production Cross Section



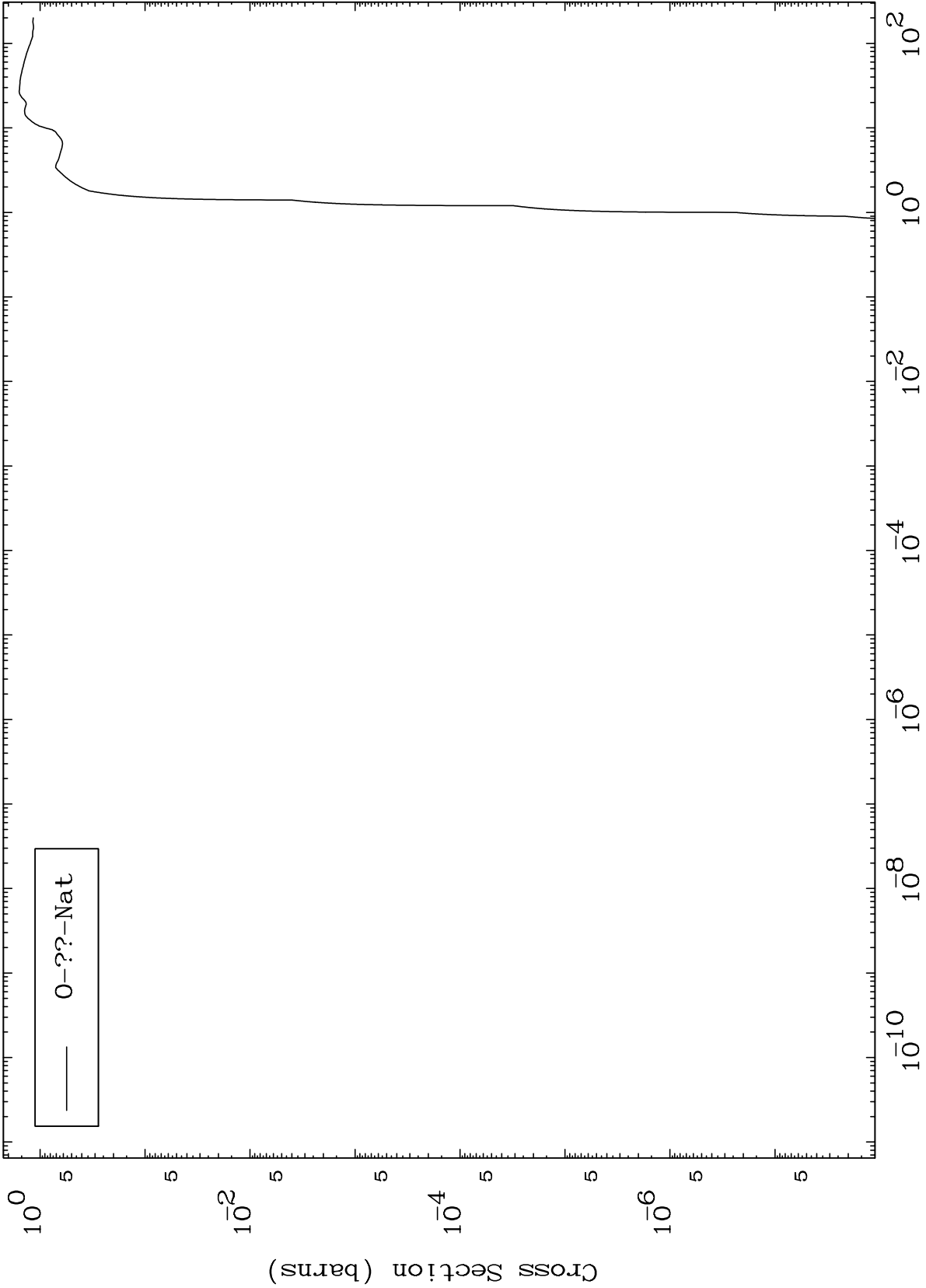
Incident Energy (MeV)

86-Rn-204

MAT 8604

Fission
Radionuclide Production Cross Section

86-Rn-204



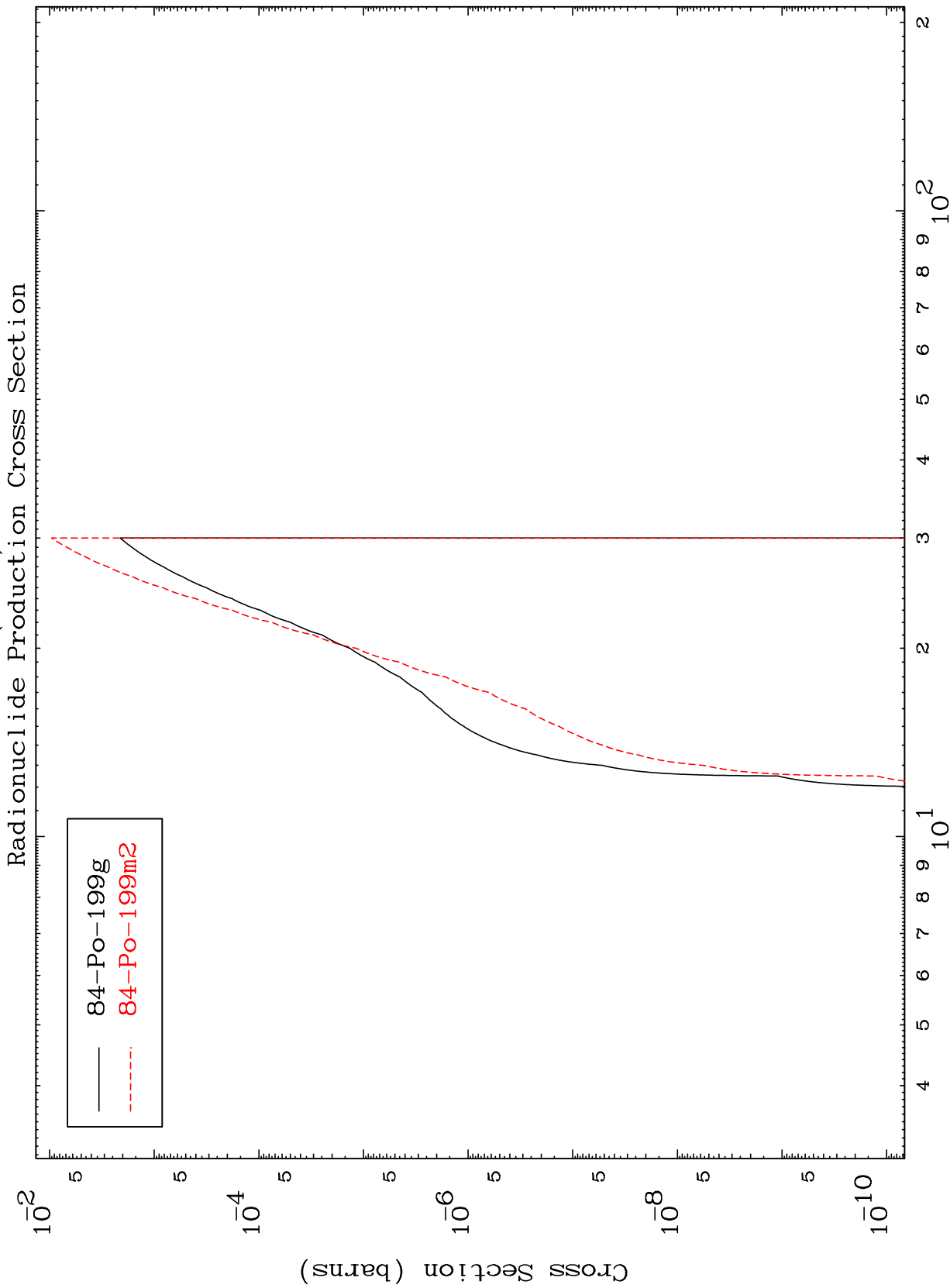
86-Rn-204

Incident Energy (MeV)

MAT 8604

$(n,2n) \alpha$

86-Rn-204



110

Incident Energy (MeV)

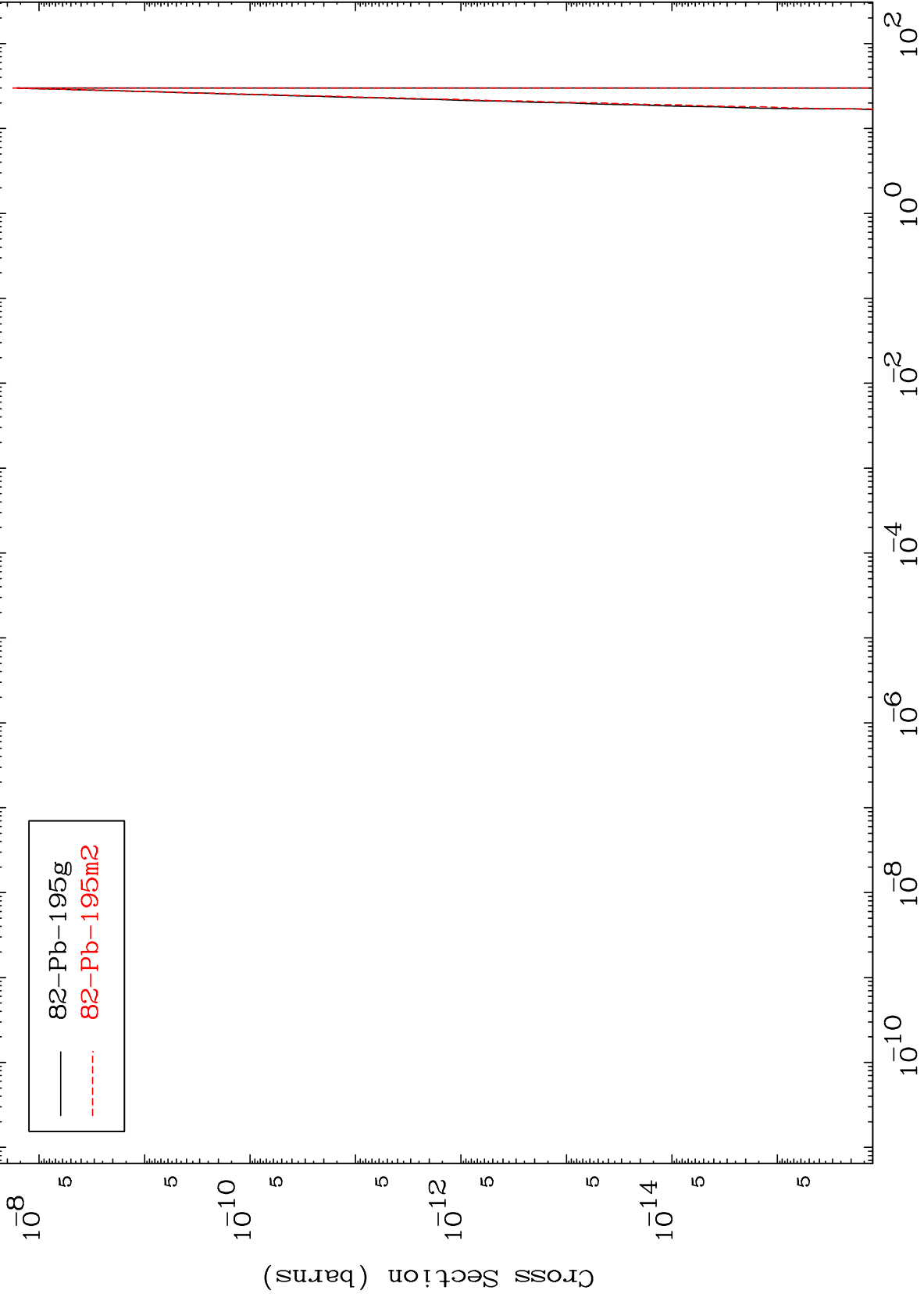
86-Rn-204

MAT 8604

$(n,2n) 2\alpha$

86-Rn-204

Radionuclide Production Cross Section



111

Incident Energy (MeV)

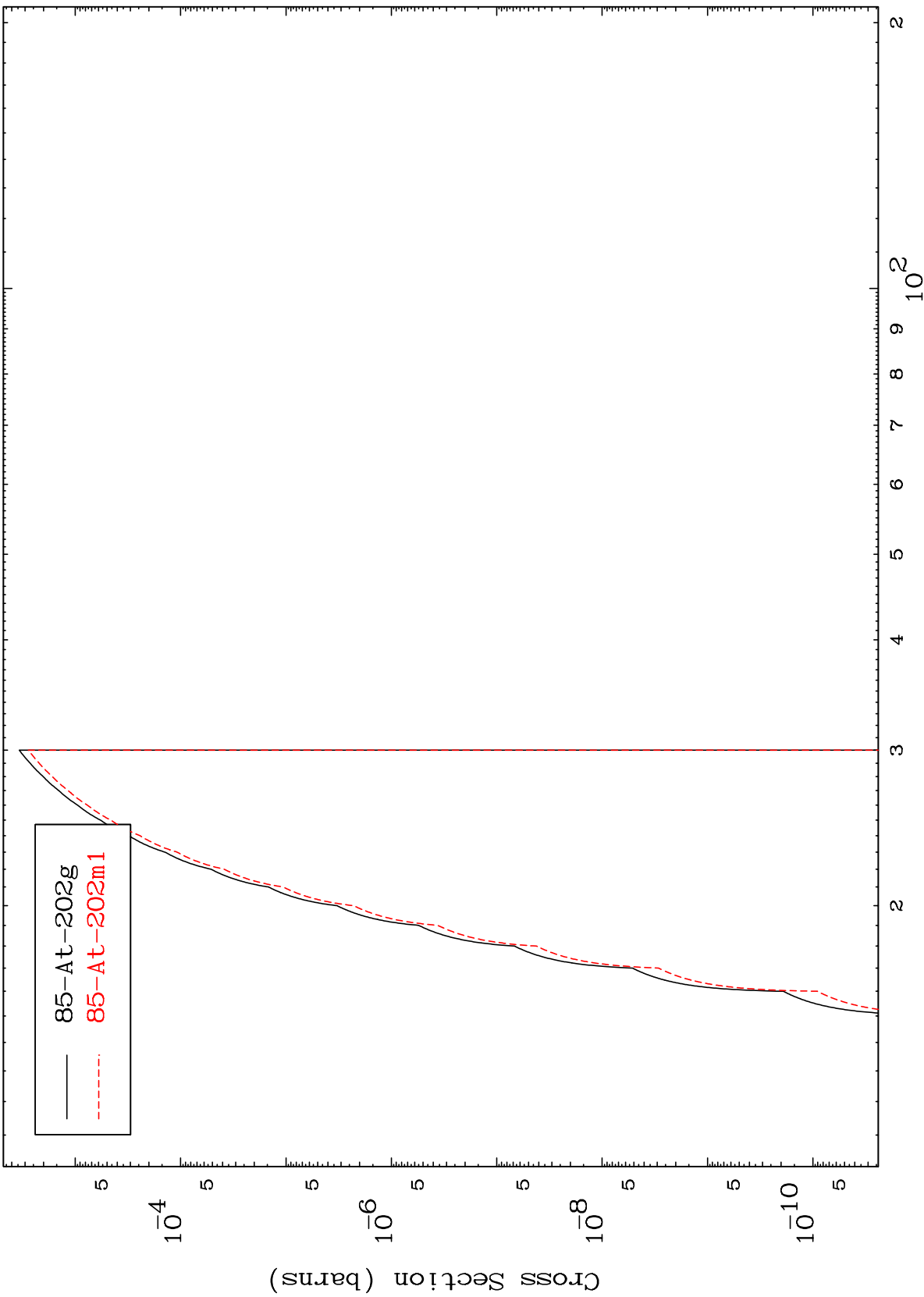
86-Rn-204

MAT 8604

(n,n') d

86-Rn-204

Radionuclide Production Cross Section



112

Incident Energy (MeV)

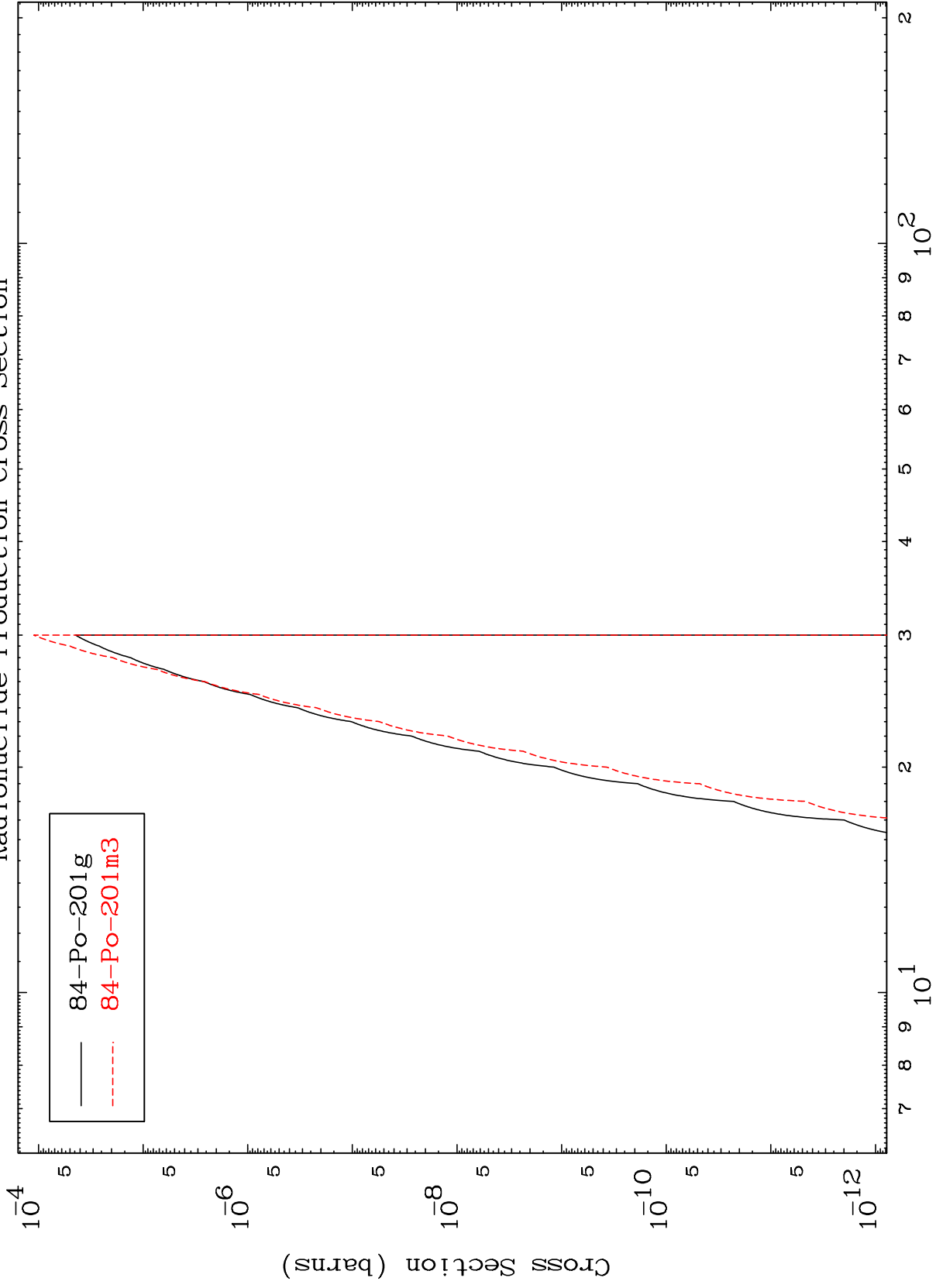
86-Rn-204

MAT 8604

(n,n') He-3

86-Rn-204

Radionuclide Production Cross Section



113

Incident Energy (MeV)

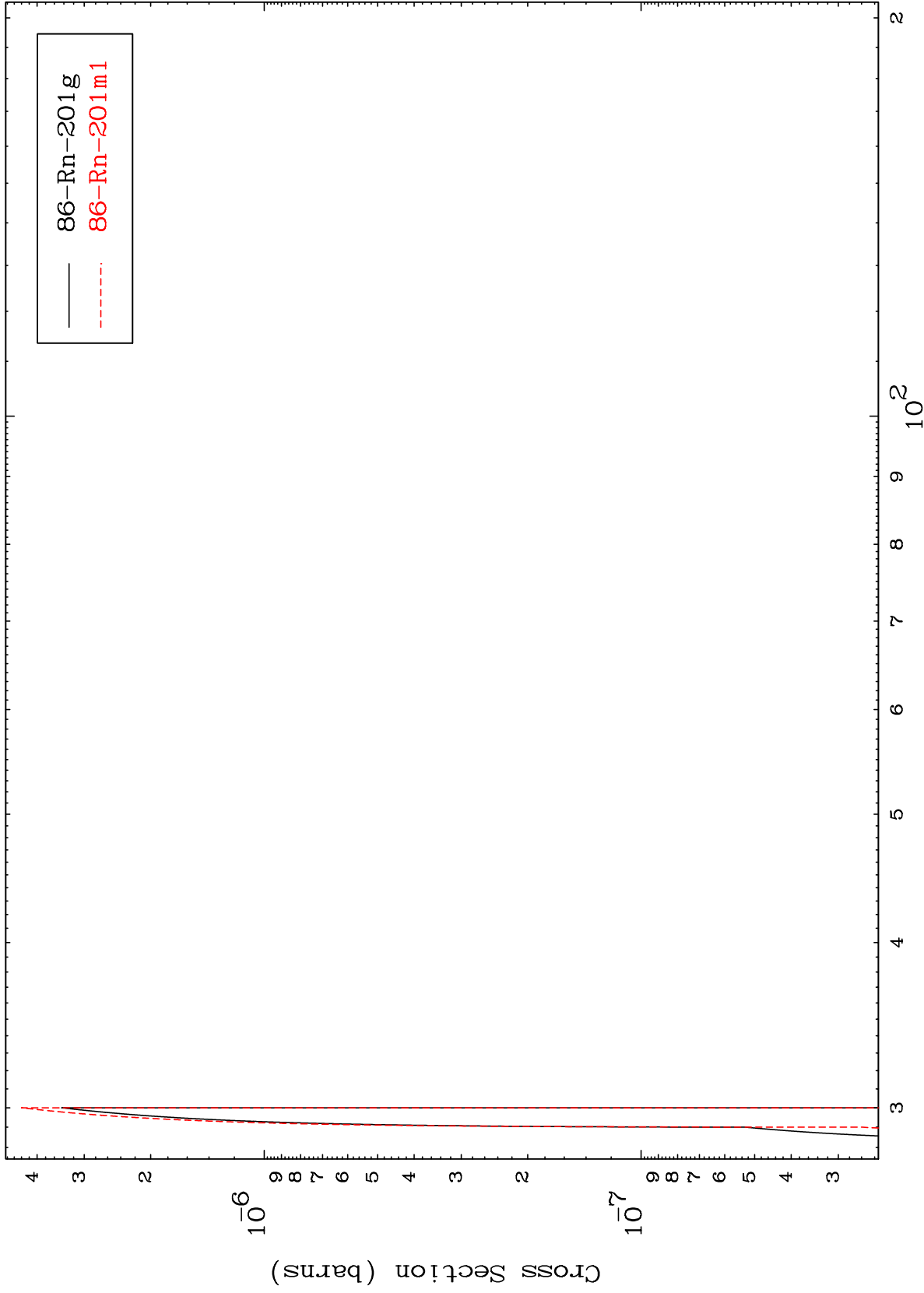
86-Rn-204

MAT 8604

(n,4n)

86-Rn-204

Radionuclide Production Cross Section



114

Incident Energy (MeV)

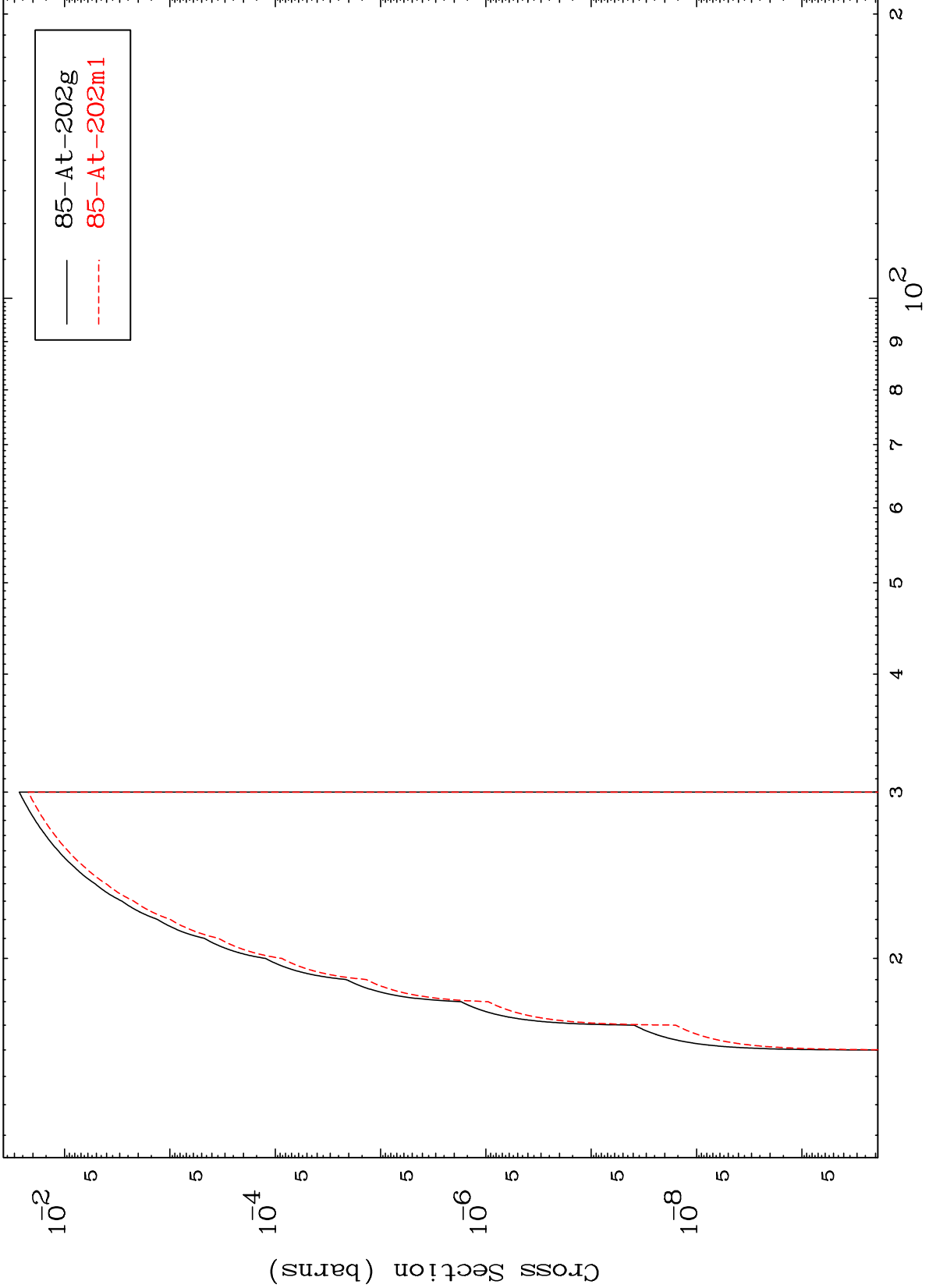
86-Rn-204

MAT 8604

(n,2n) p

86-Rn-204

Radionuclide Production Cross Section



115

Incident Energy (MeV)

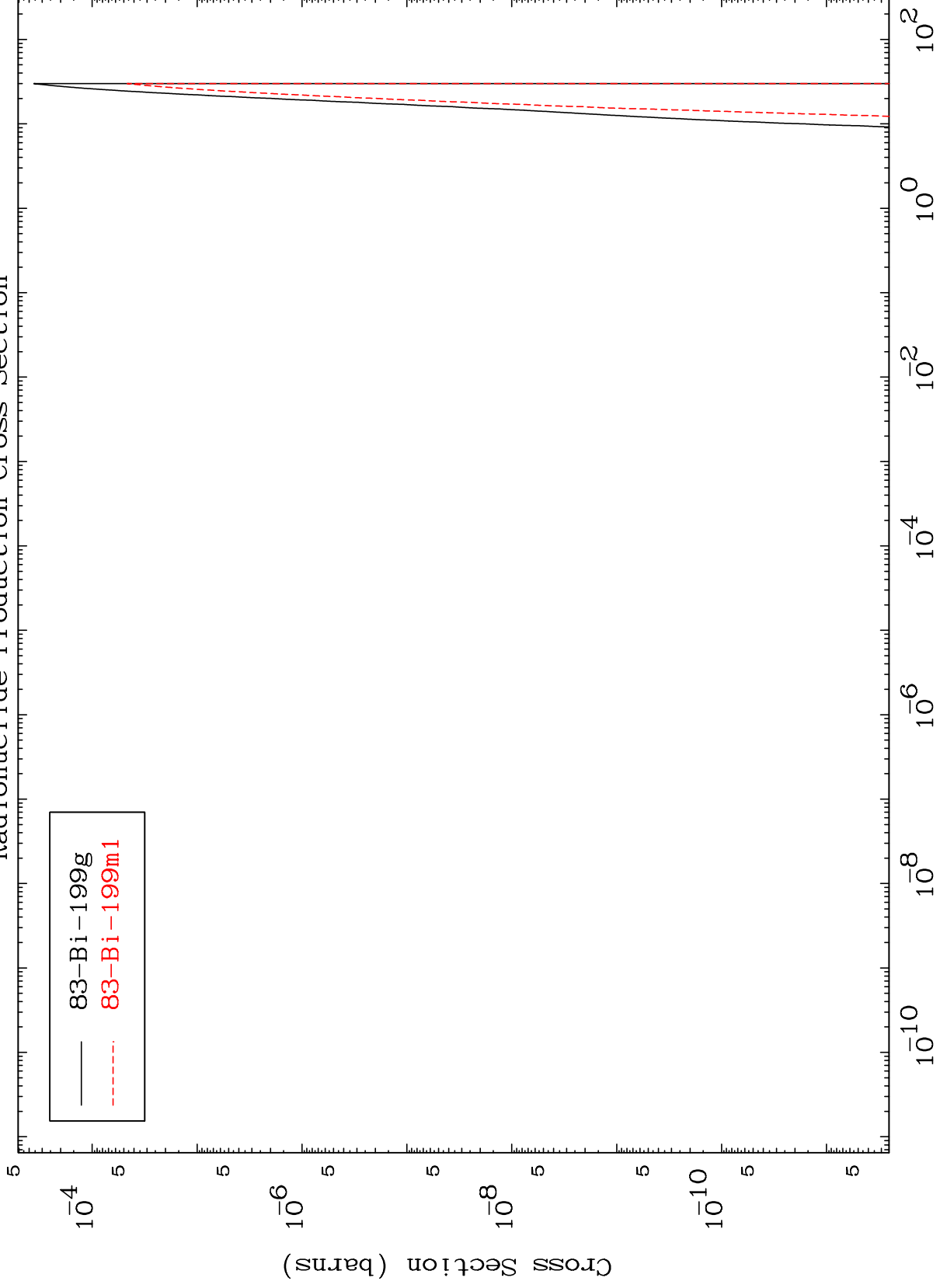
86-Rn-204

MAT 8604

(n,n') p α

86-Rn-204

Radionuclide Production Cross Section

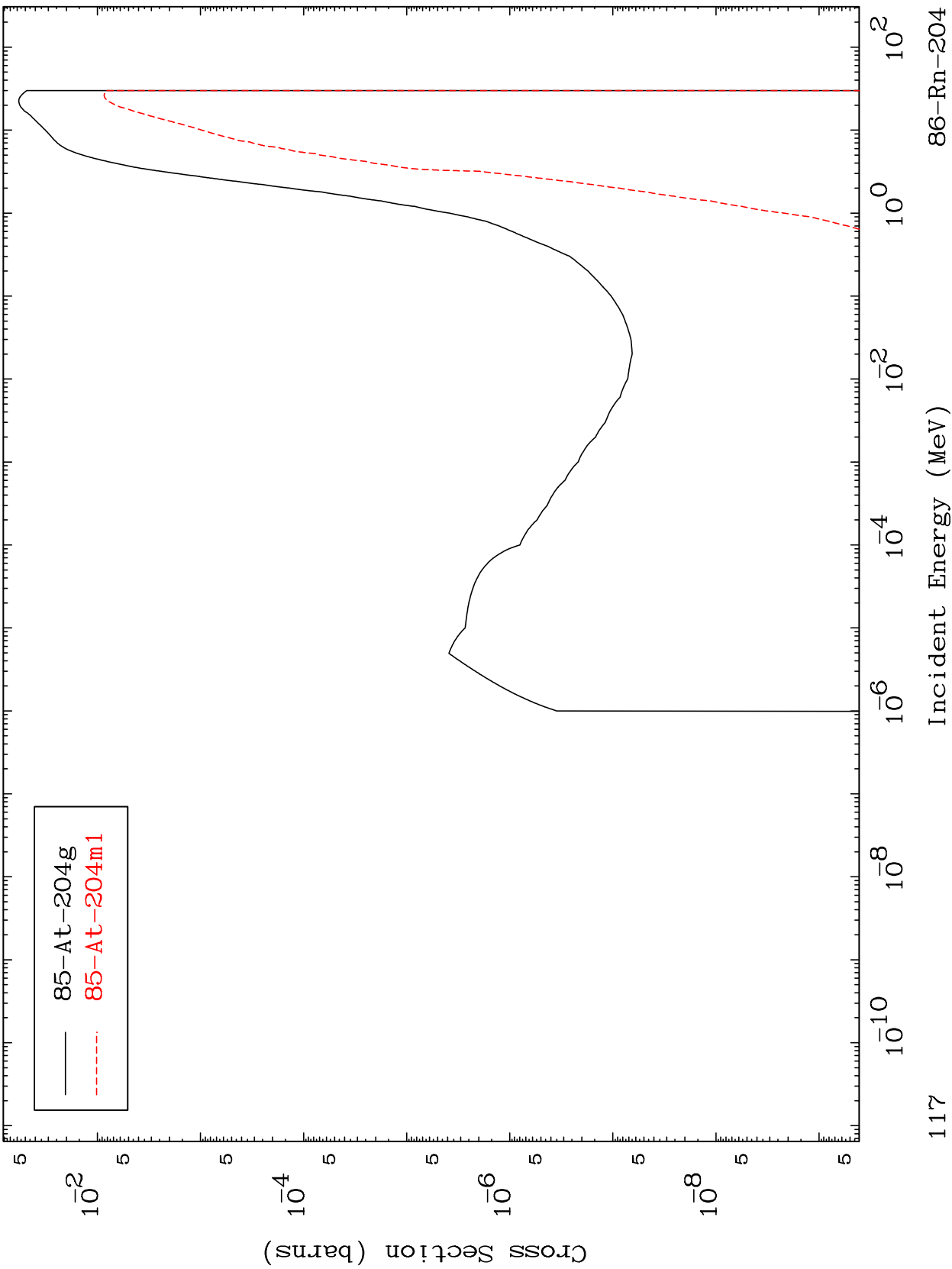


MAT 8604

(n,p)

86-Rn-204

Radionuclide Production Cross Section

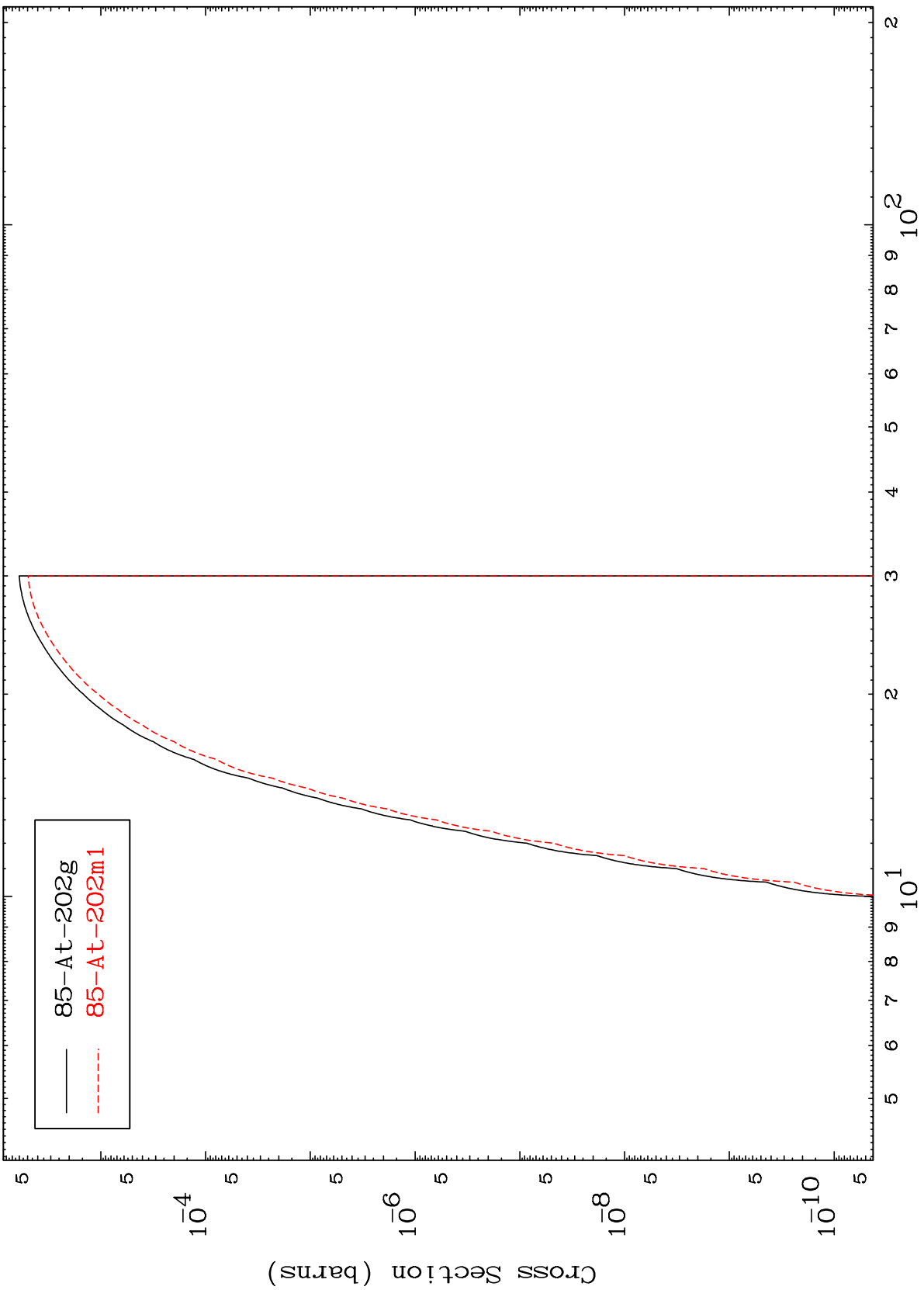


85-At-204g
85-At-204m1

MAT 8604

86-Rn-204

(n, t)
Radionuclide Production Cross Section



118

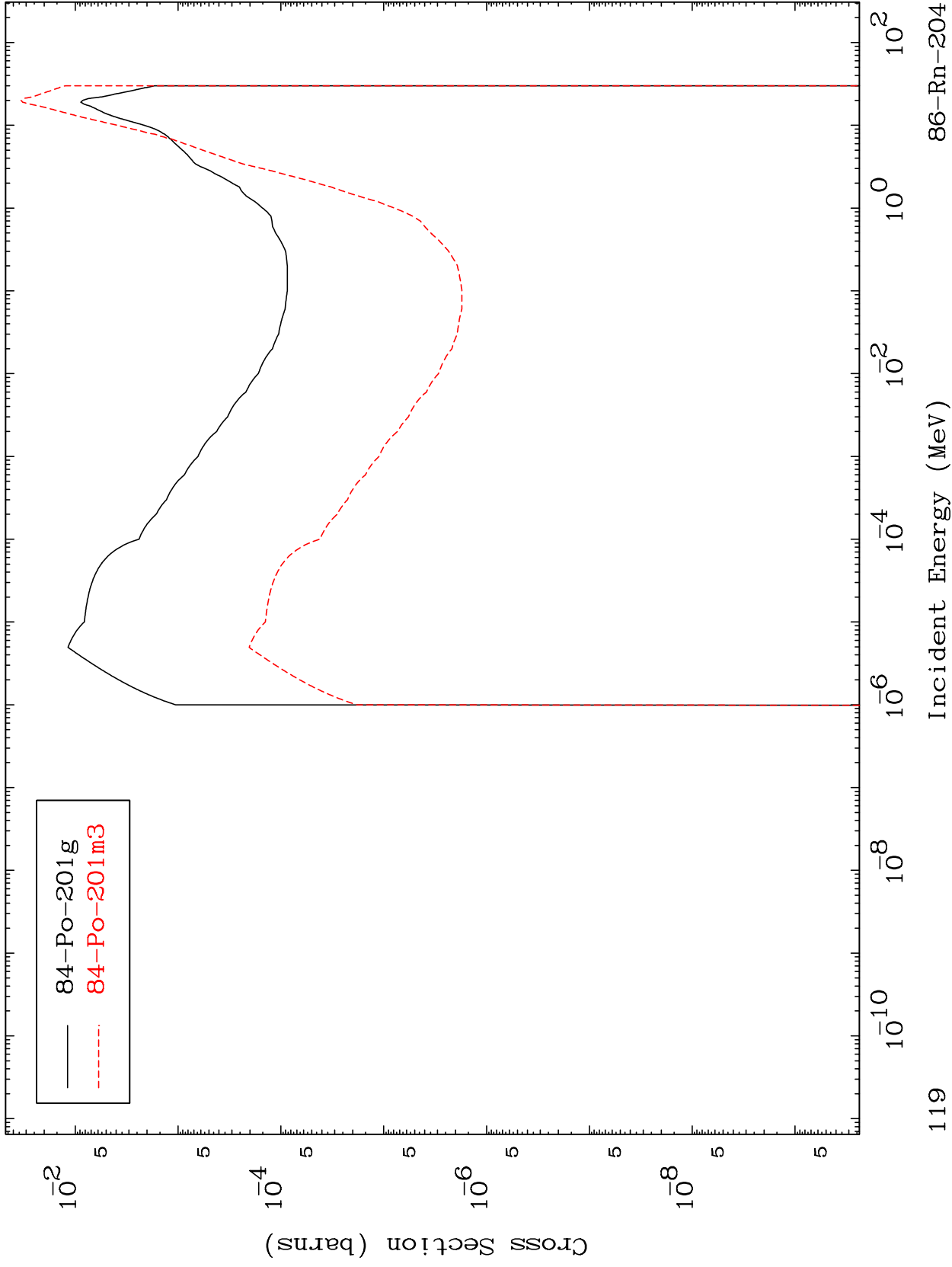
Incident Energy (MeV)

86-Rn-204

MAT 8604

86-Rn-204

(n, α)
Radionuclide Production Cross Section

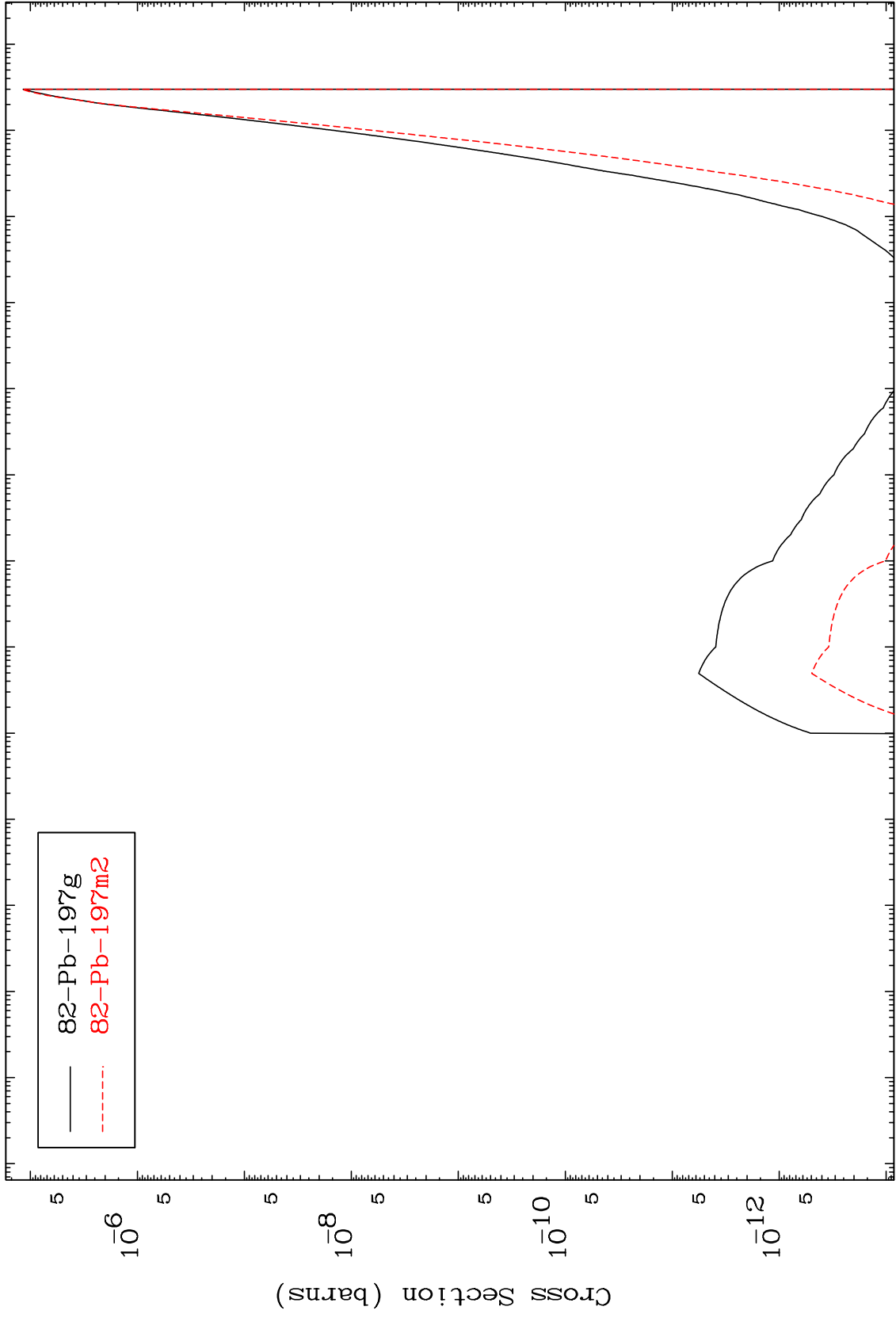
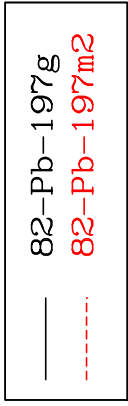


MAT 8604

(n,2α)

86-Rn-204

Radionuclide Production Cross Section



86-Rn-204

Incident Energy (MeV)

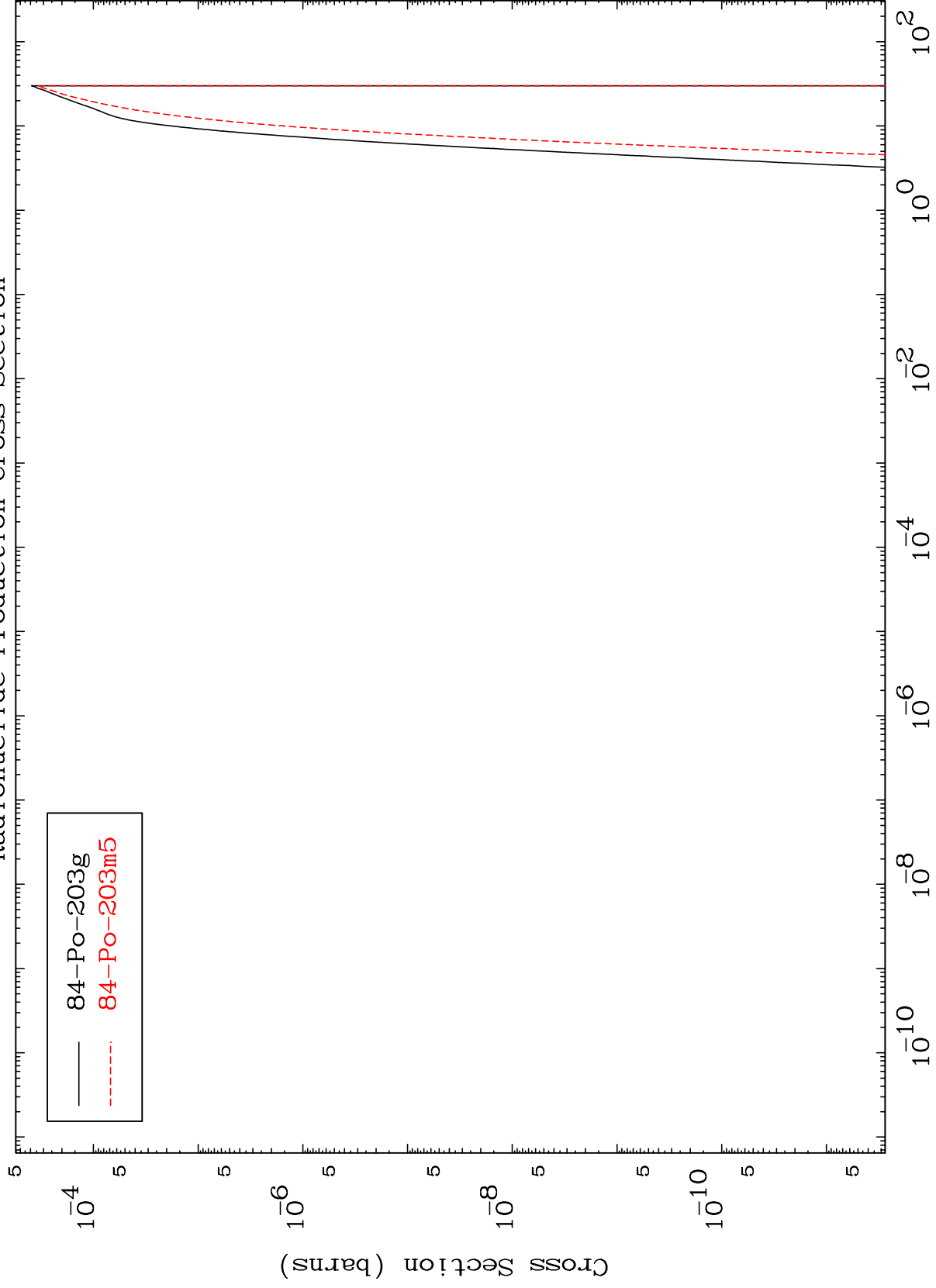
120

MAT 8604

(n,2p)

86-Rn-204

Radionuclide Production Cross Section



121

Incident Energy (MeV)

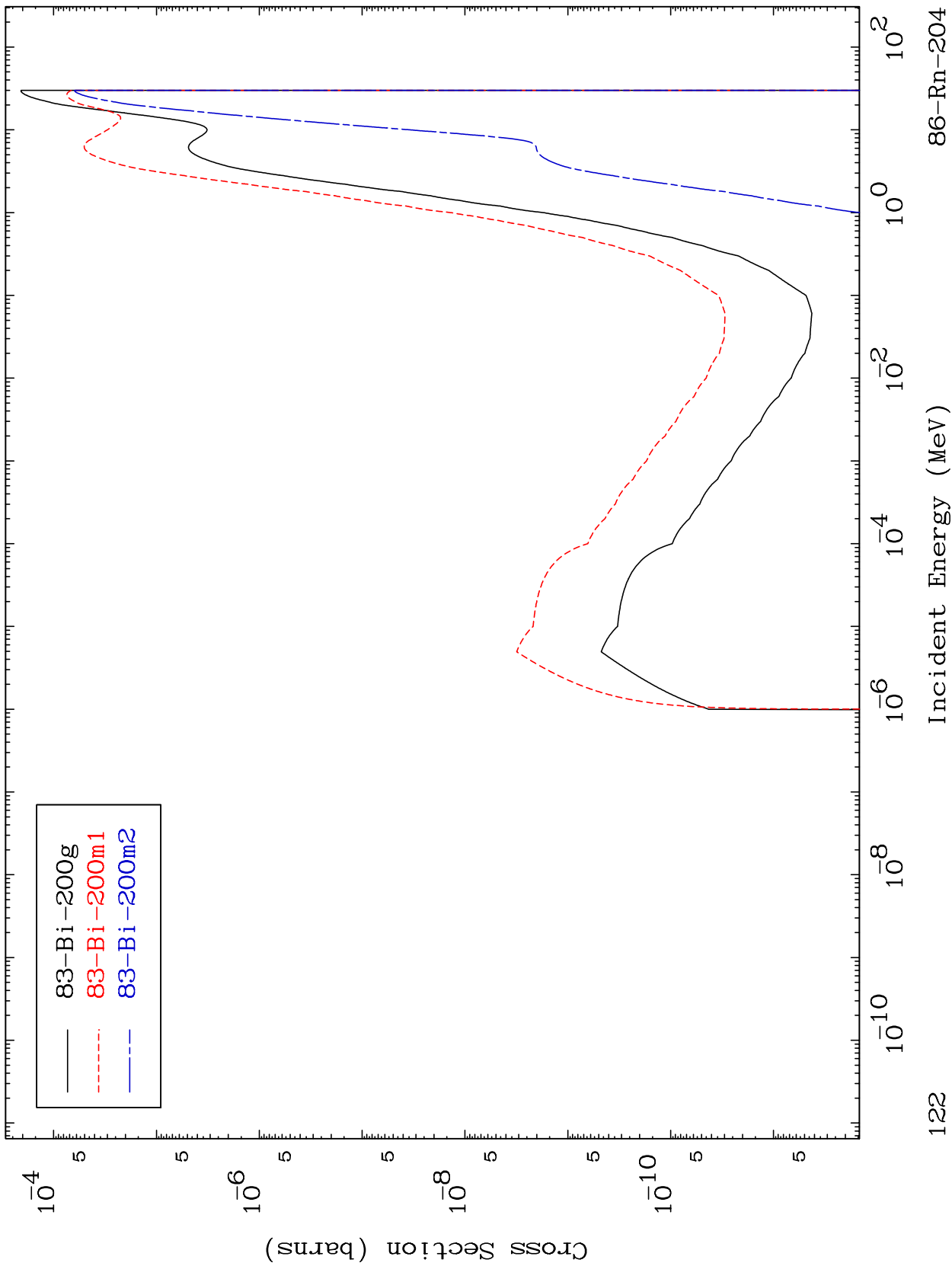
86-Rn-204

MAT 8604

(n,p) α

86-Rn-204

Radionuclide Production Cross Section

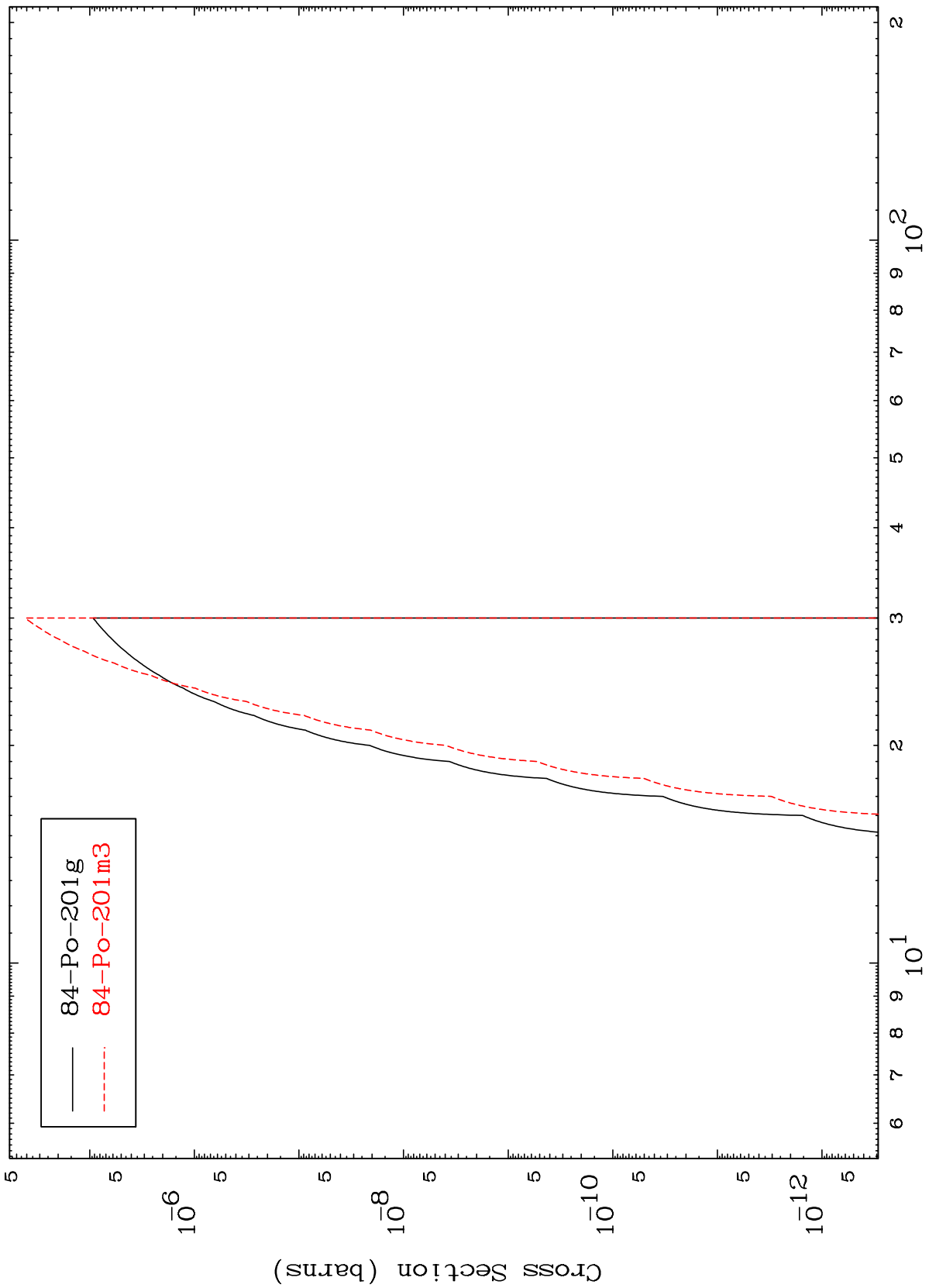


MAT 8604

(n,p) t

86-Rn-204

Radionuclide Production Cross Section



123

Incident Energy (MeV)

86-Rn-204

MAT 8604

(n,d) α

86-Rn-204

Radionuclide Production Cross Section

