

Program EVALPLOT
(Version 2018-1)

by

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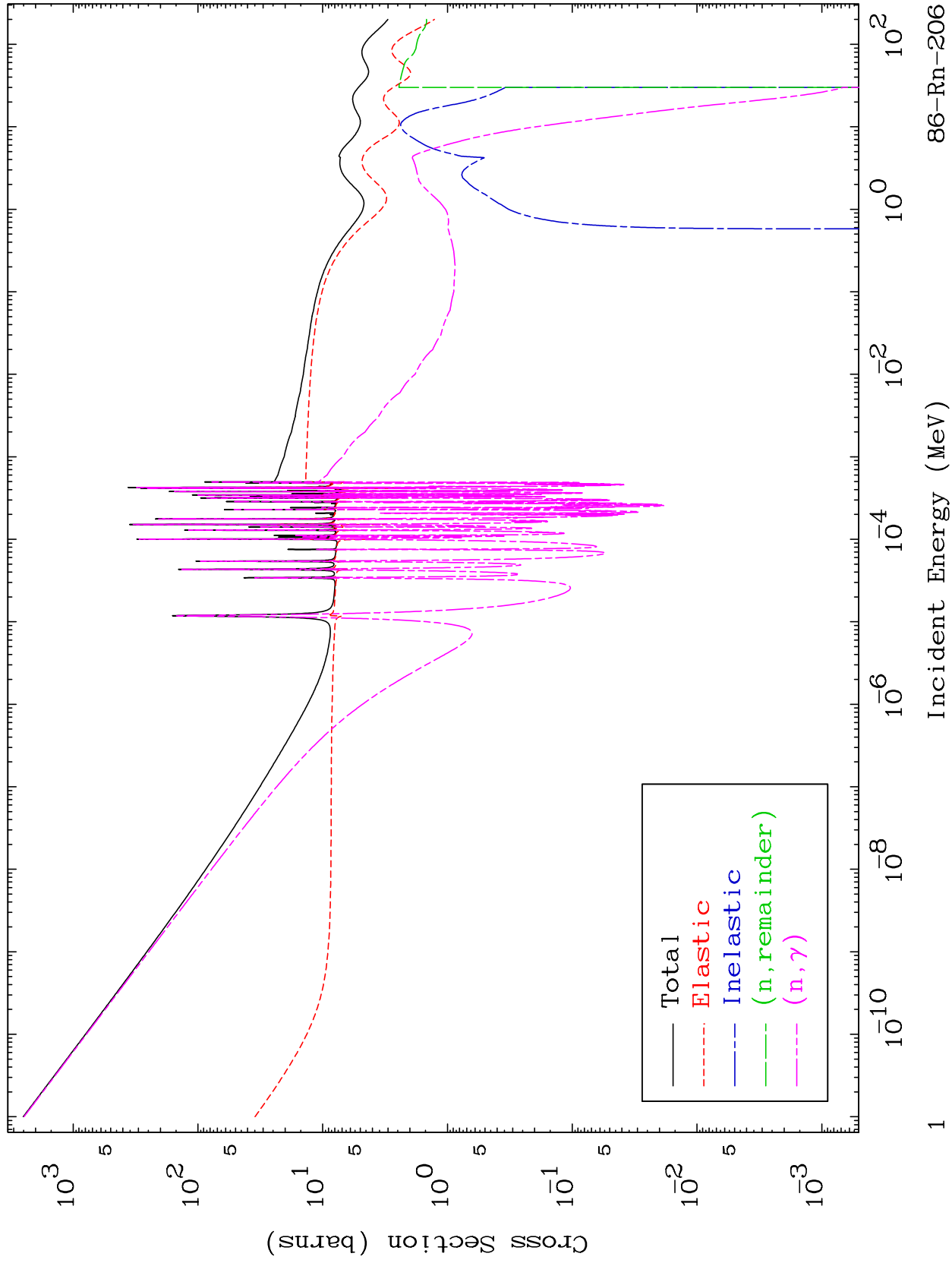
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8610

Major
293 Kelvin Cross Sections

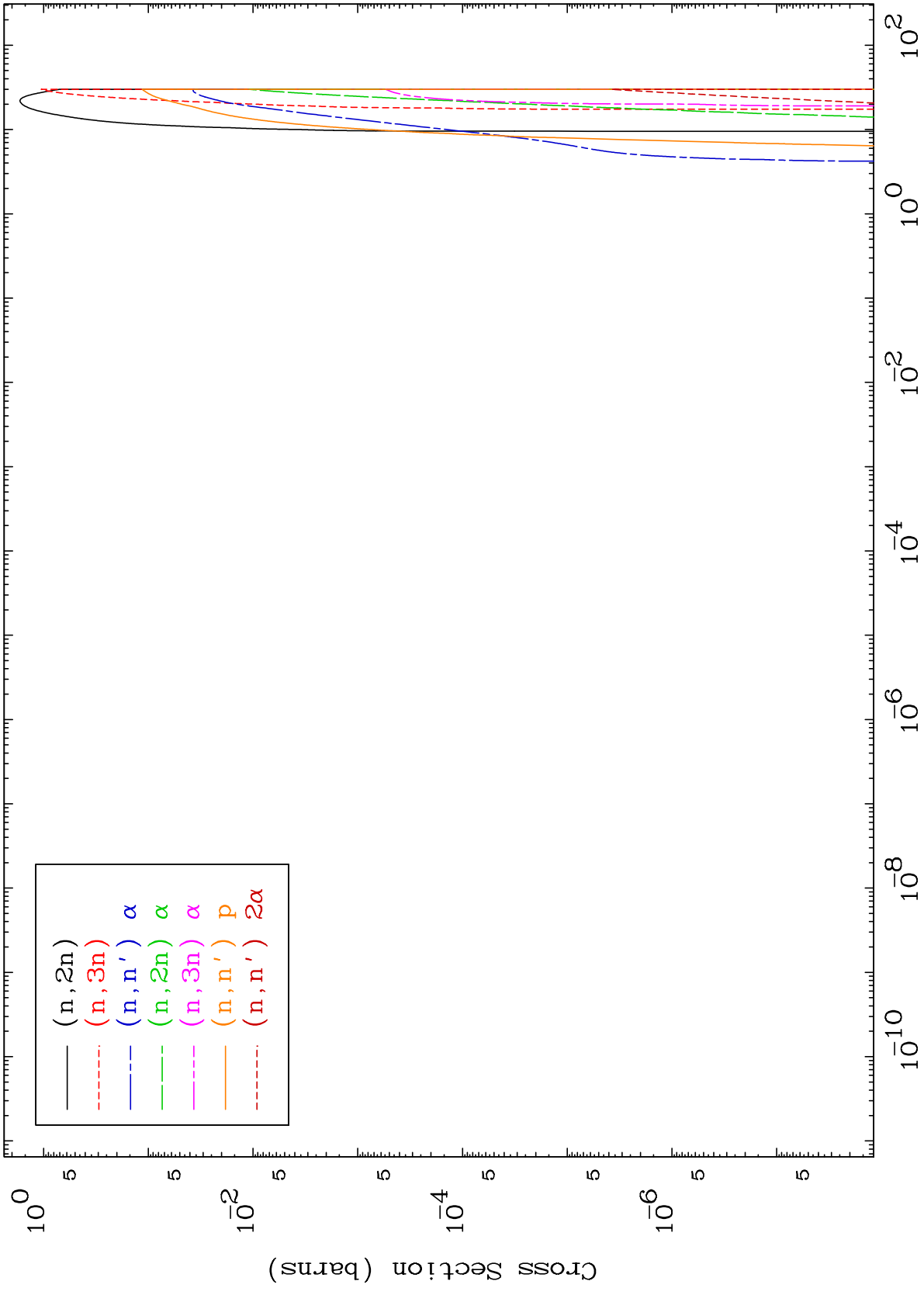
86-Rn-206



MAT 8610

Neutron Production
293 Kelvin Cross Sections

86-Rn-206

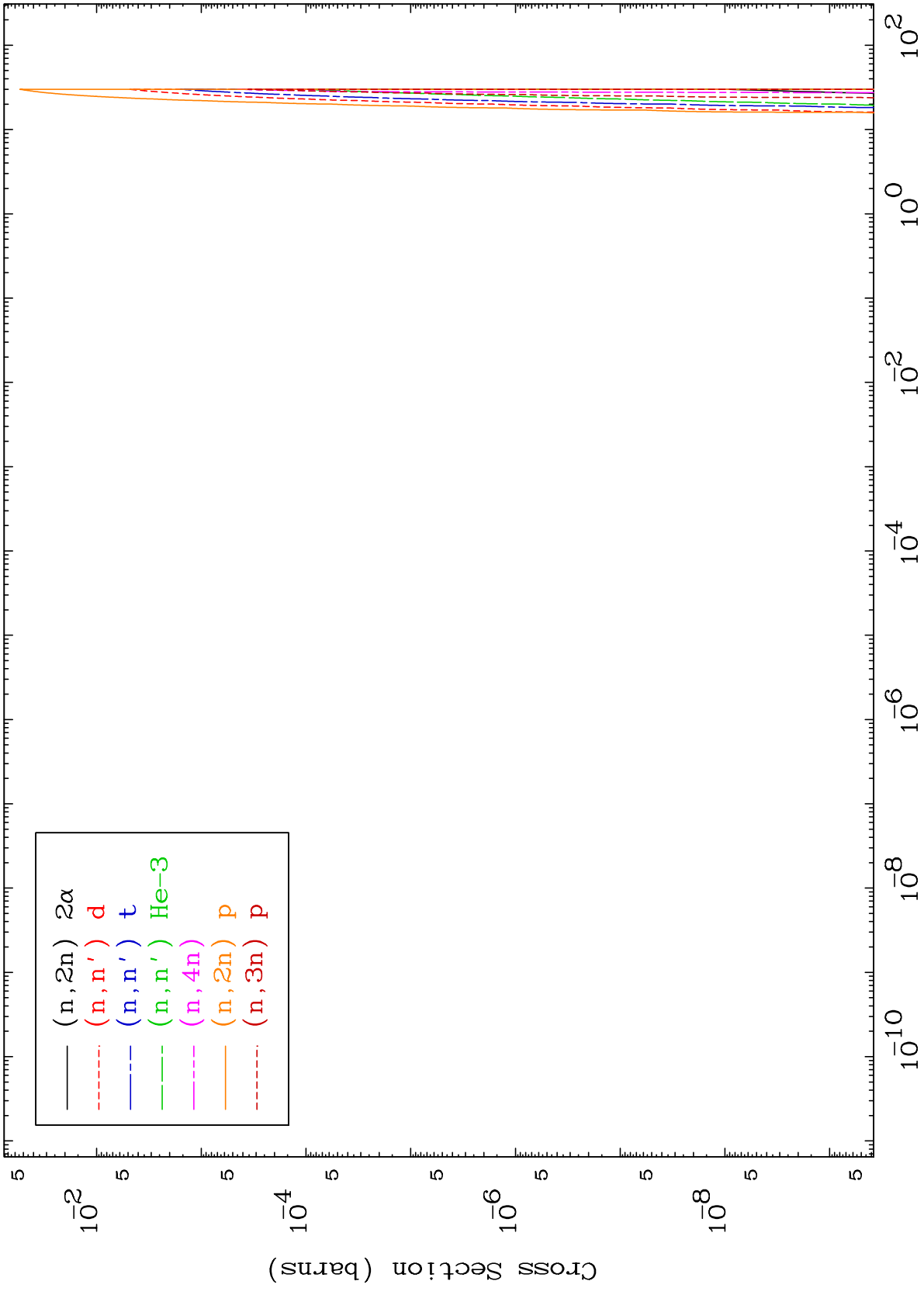


86-Rn-206

MAT 8610

Neutron Production
293 Kelvin Cross Sections

86-Rn-206

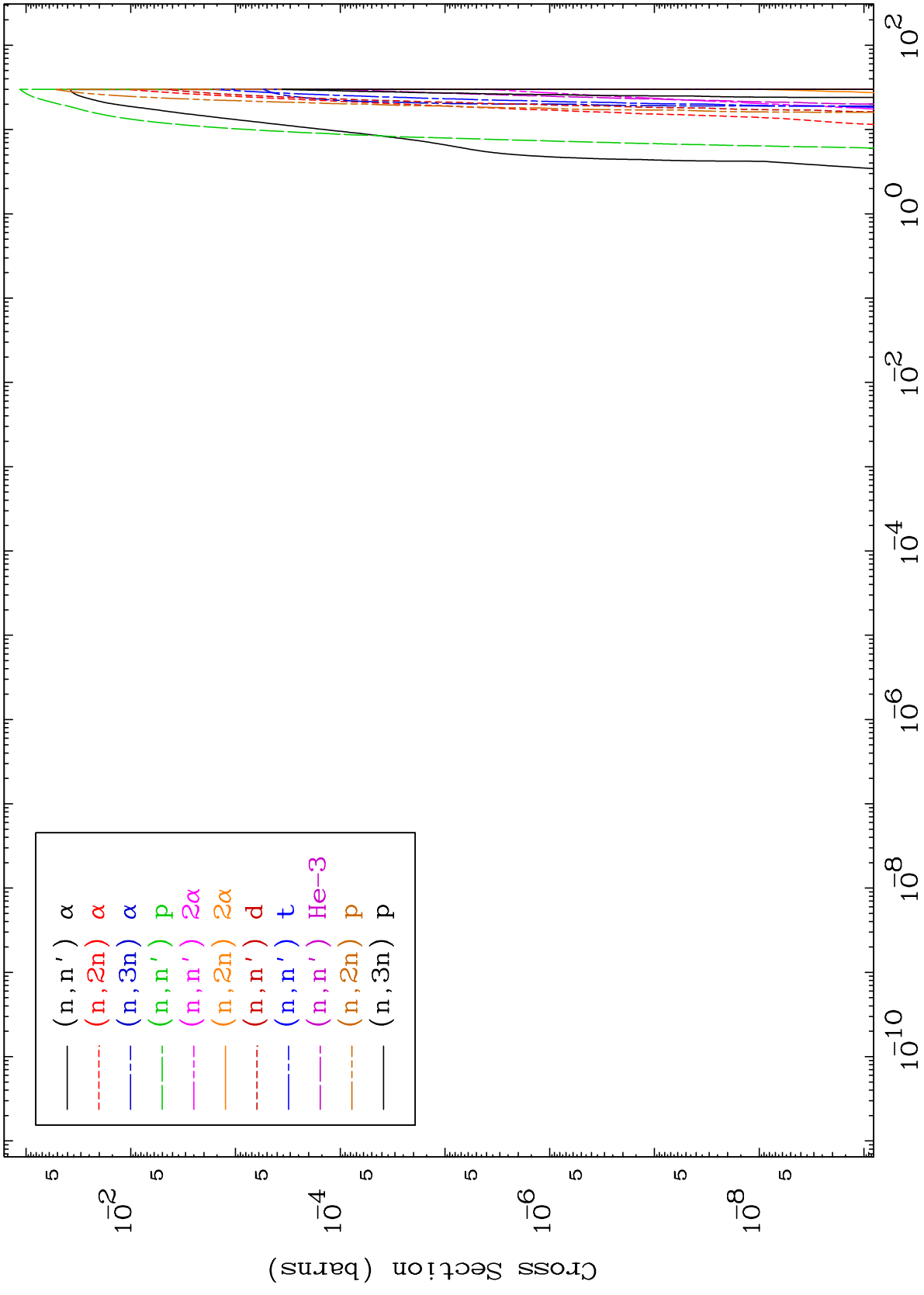


86-Rn-206

MAT 8610

293 Kelvin Cross Sections

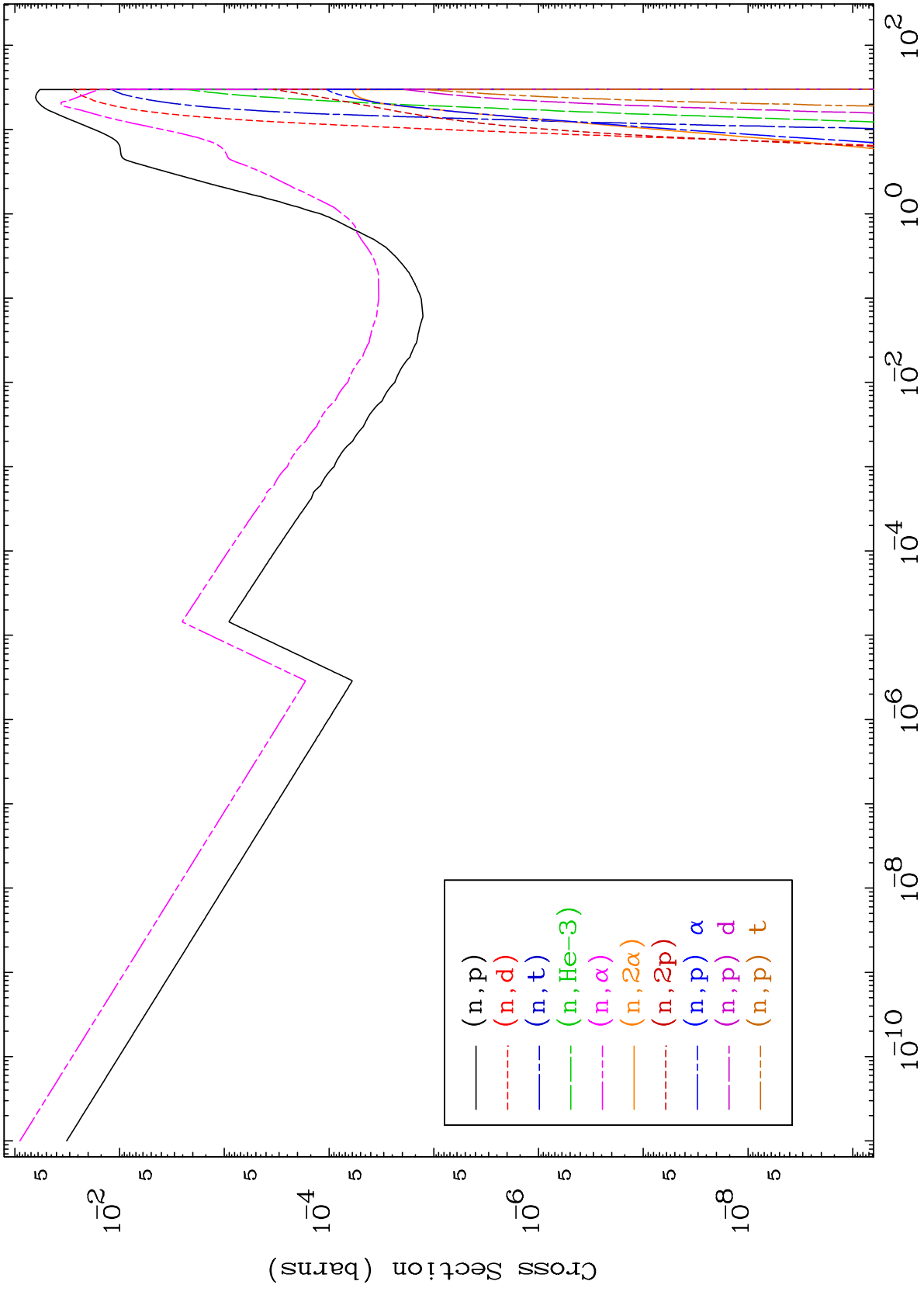
86-Rn-206



MAT 8610

Charged Particle
293 Kelvin Cross Sections

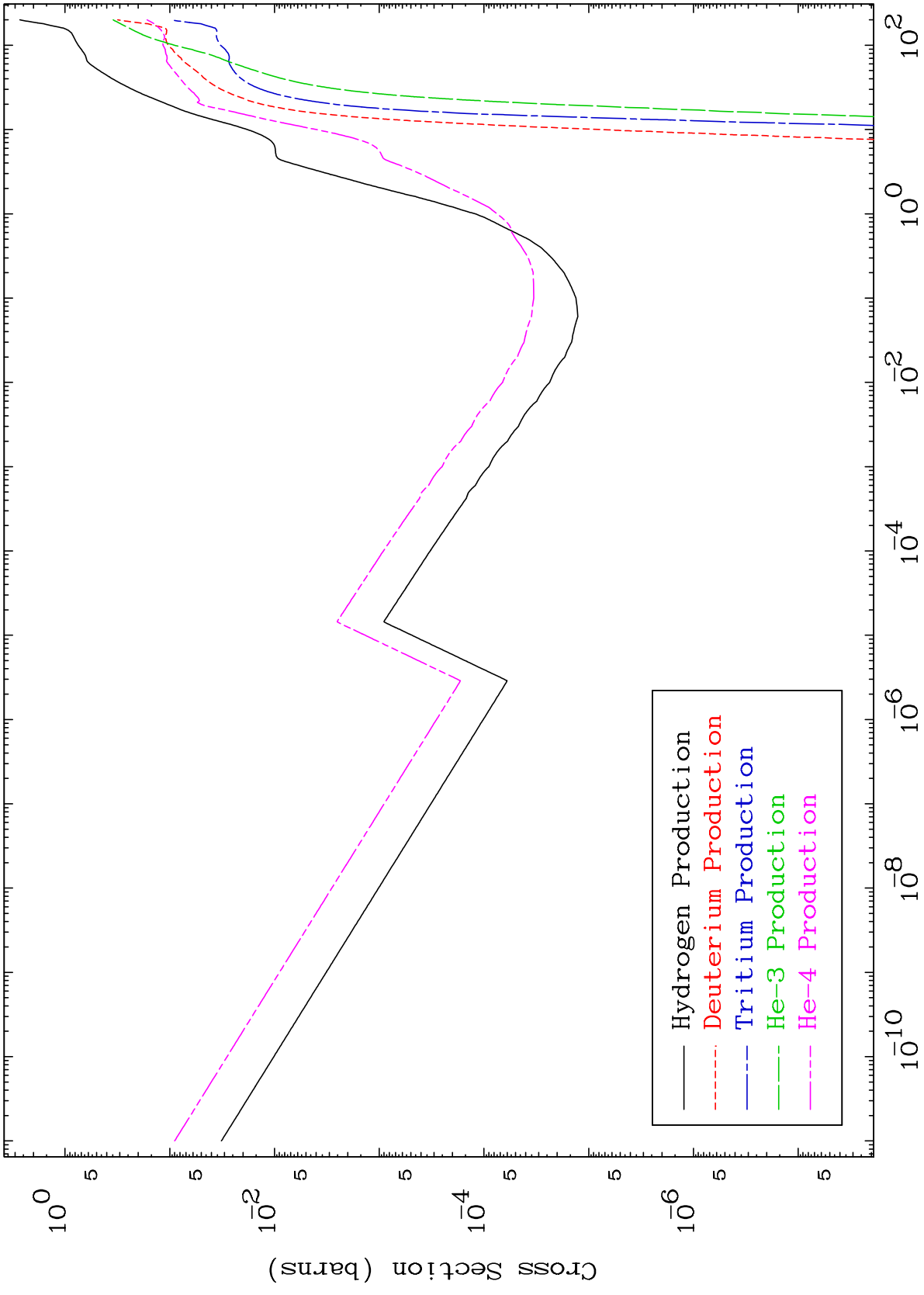
86-Rn-206



MAT 8610

Particle Production
293 Kelvin Cross Sections

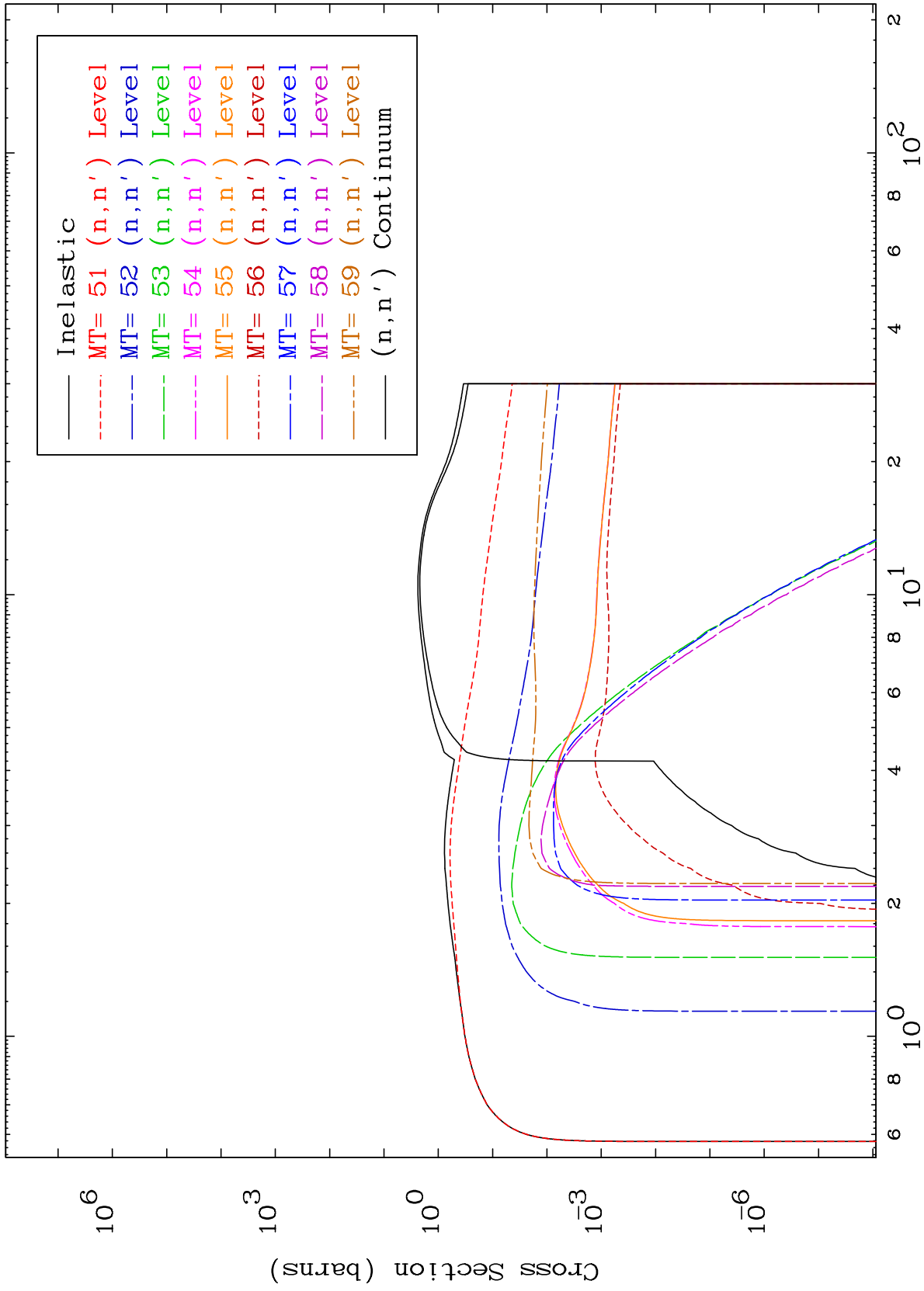
86-Rn-206



MAT 8610

(n,n') Level
293 Kelvin Cross Sections

86-Rn-206



7

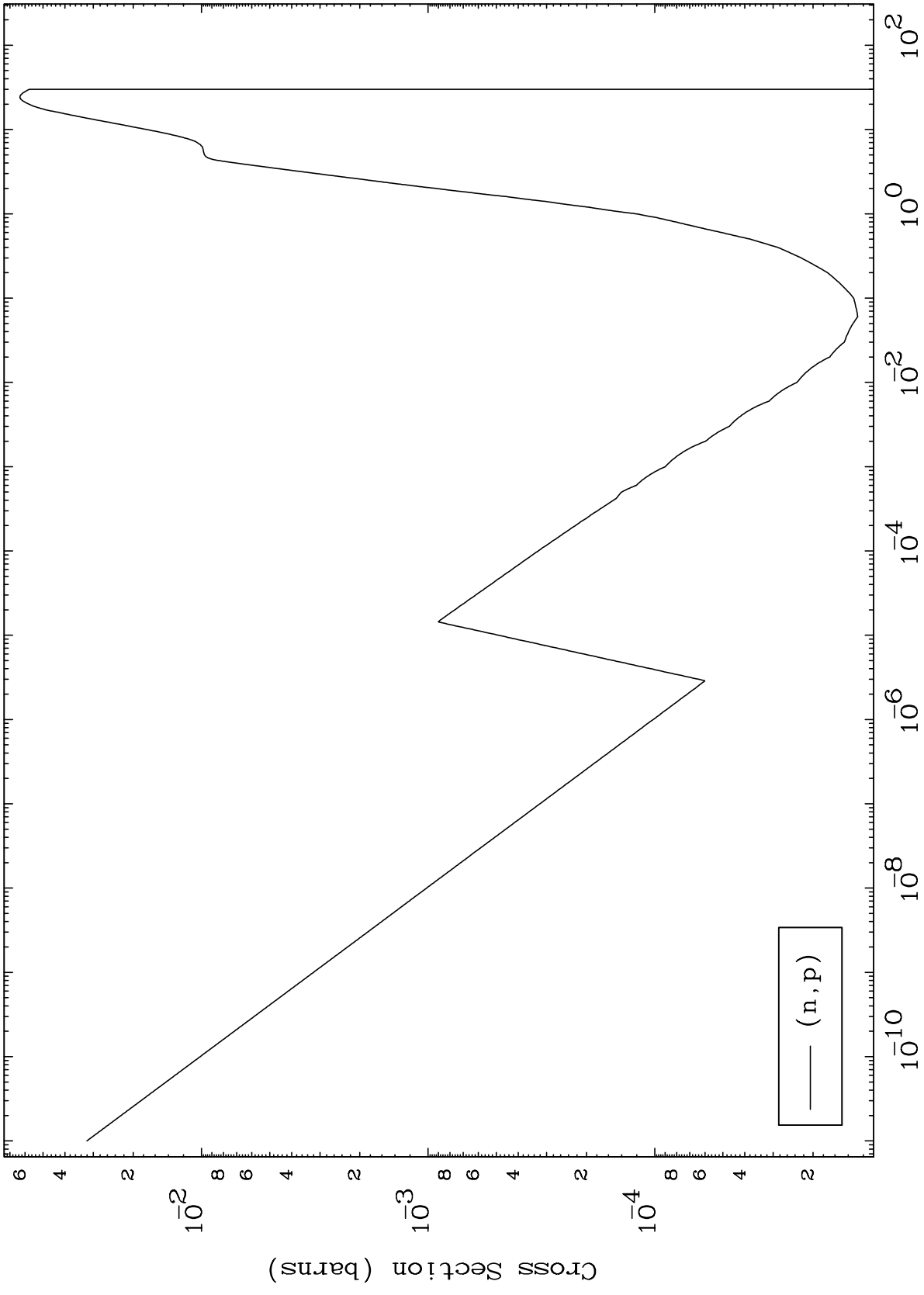
Incident Energy (MeV)

86-Rn-206

MAT 8610

(n,p) Levels
293 Kelvin Cross Sections

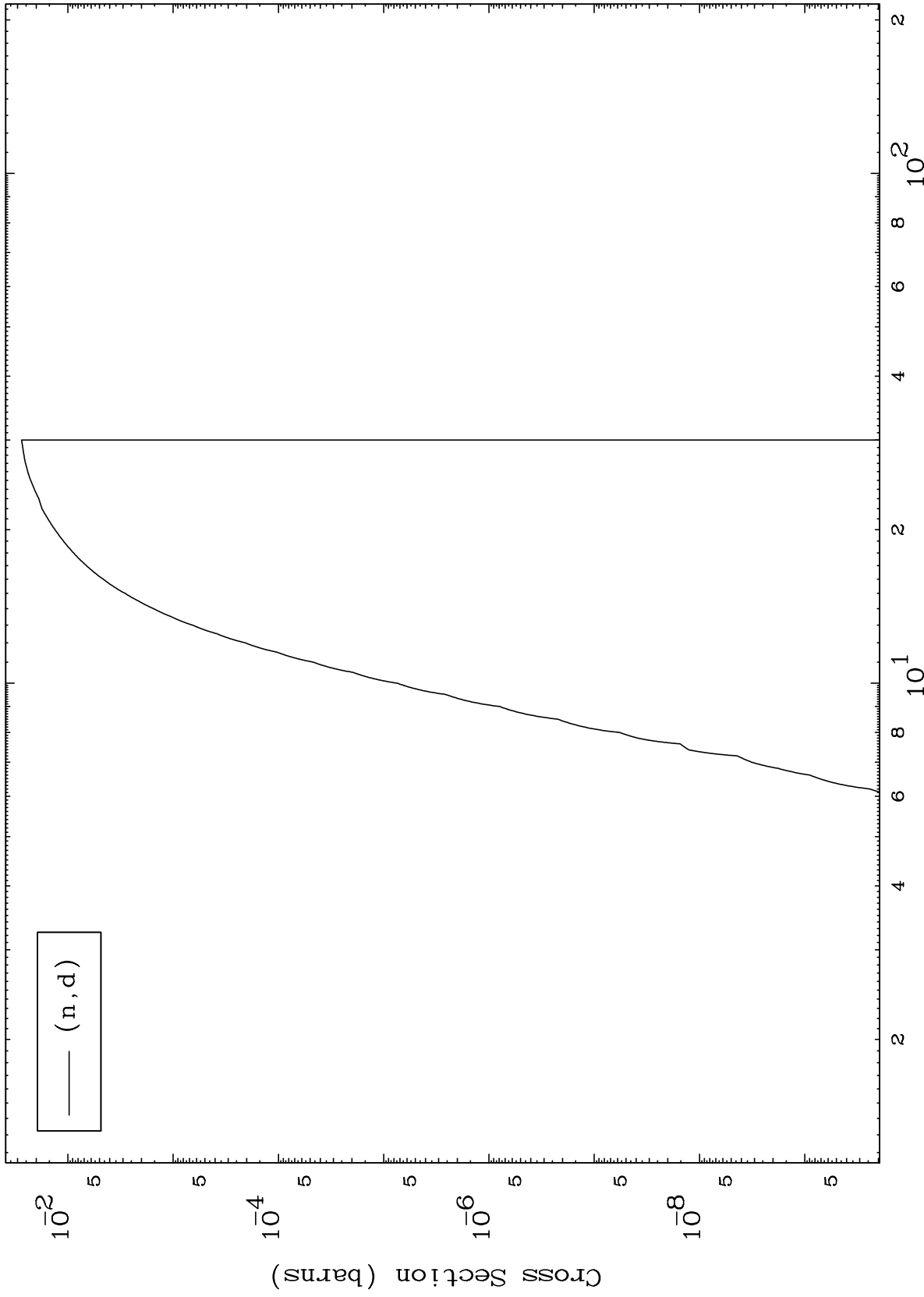
86-Rn-206



MAT 8610

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-206



9

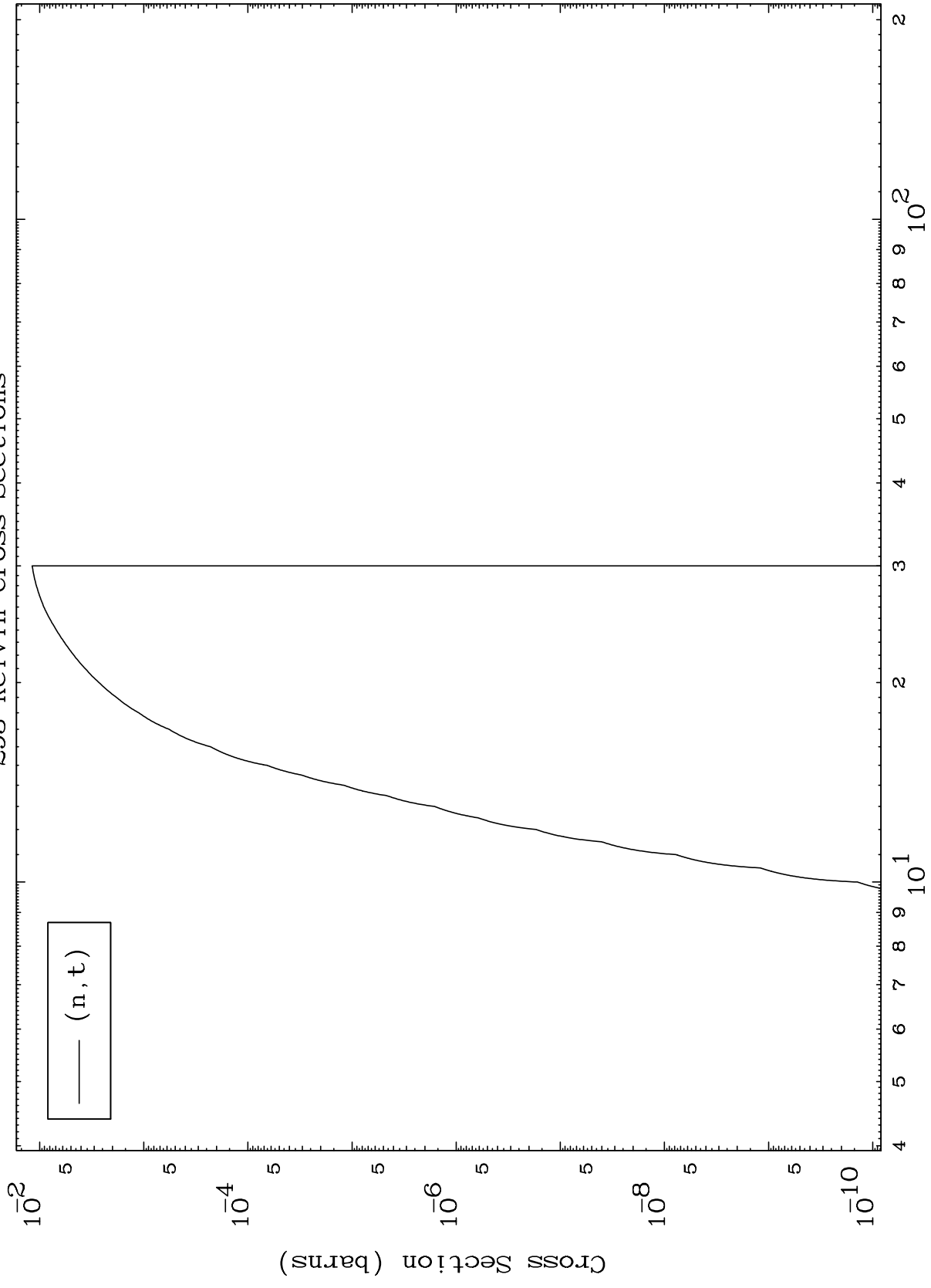
Incident Energy (MeV)

86-Rn-206

MAT 8610

86-Rn-206

(n,t) Levels
293 Kelvin Cross Sections



10

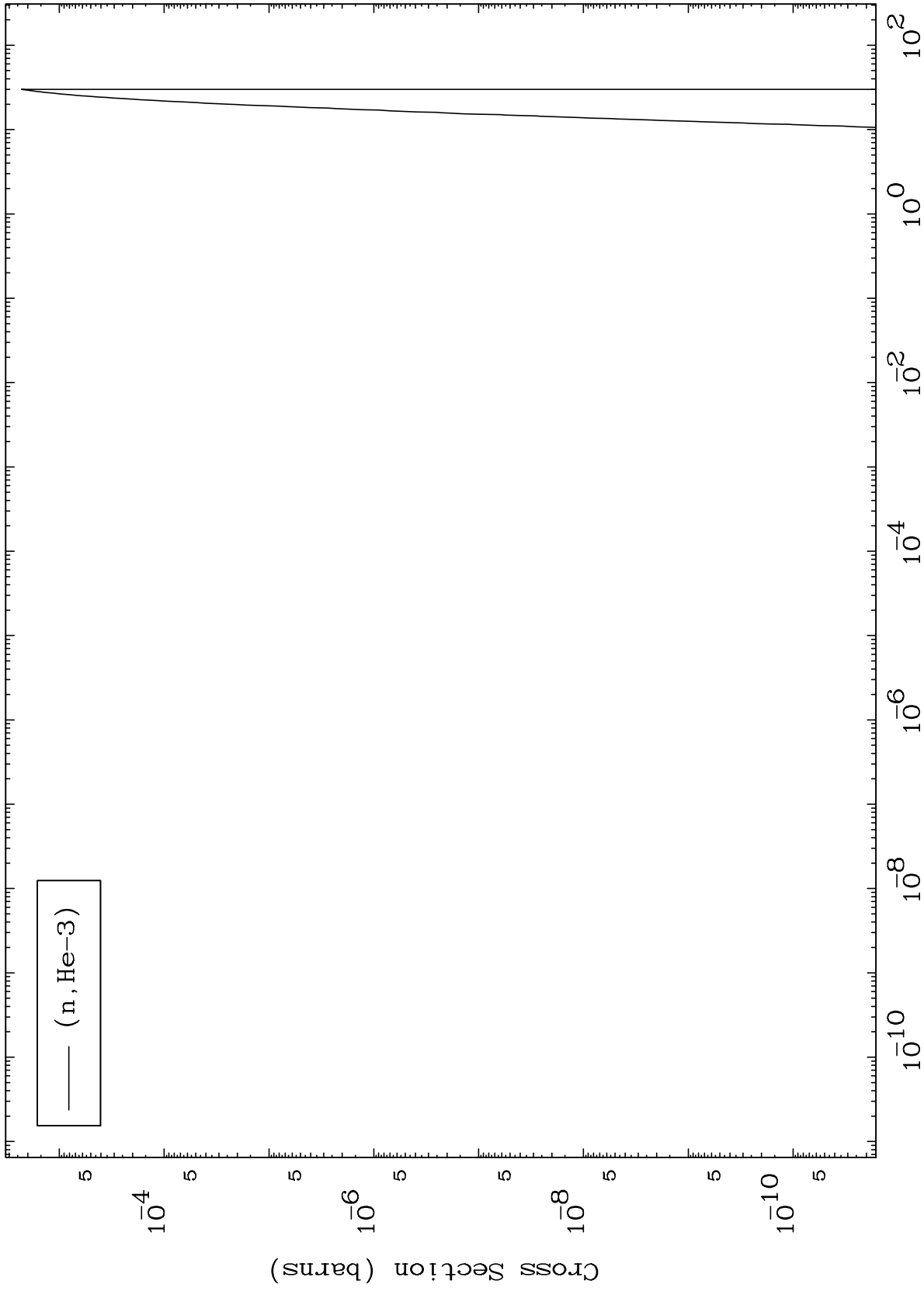
Incident Energy (MeV)

86-Rn-206

MAT 8610

(n,He3) Levels
293 Kelvin Cross Sections

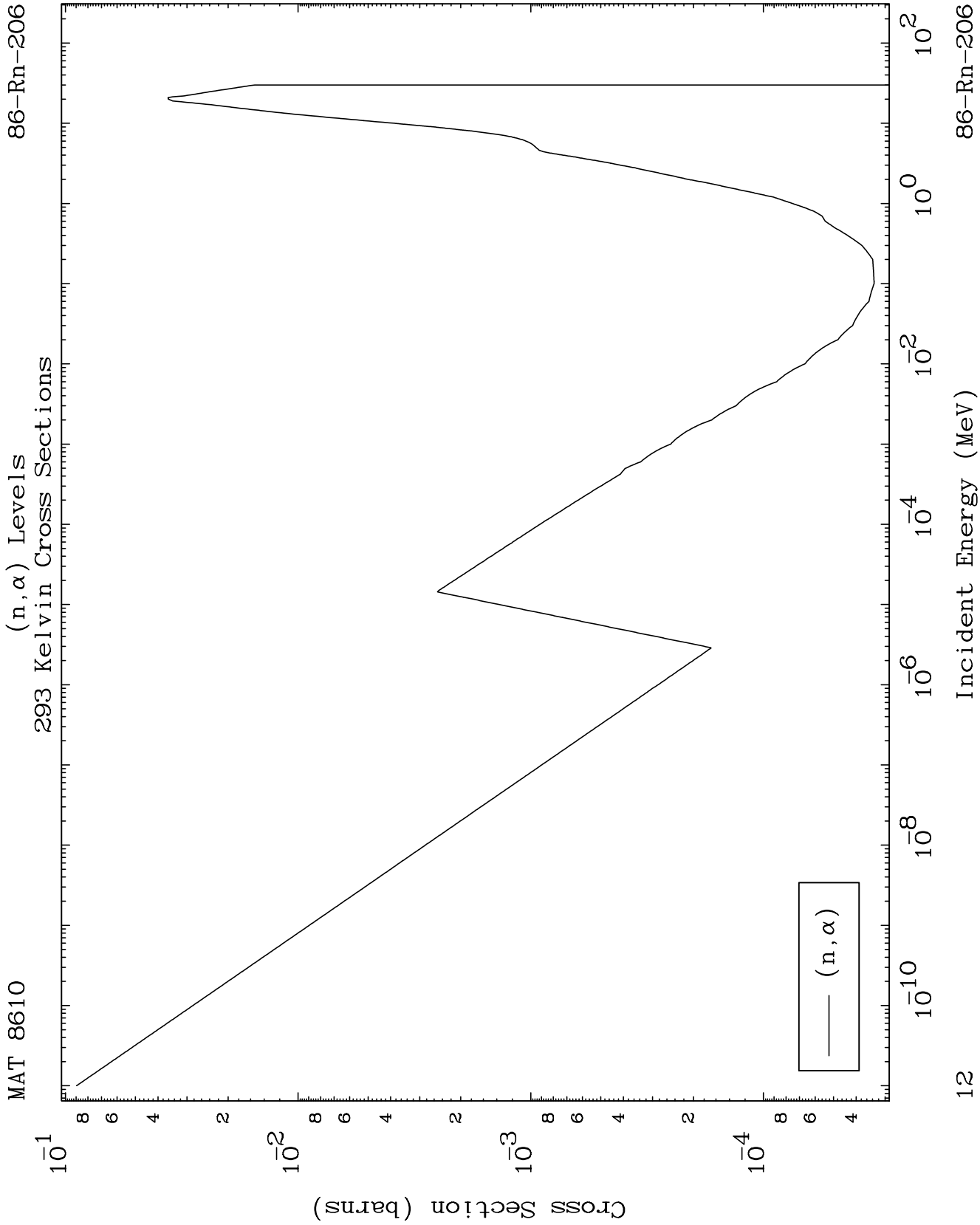
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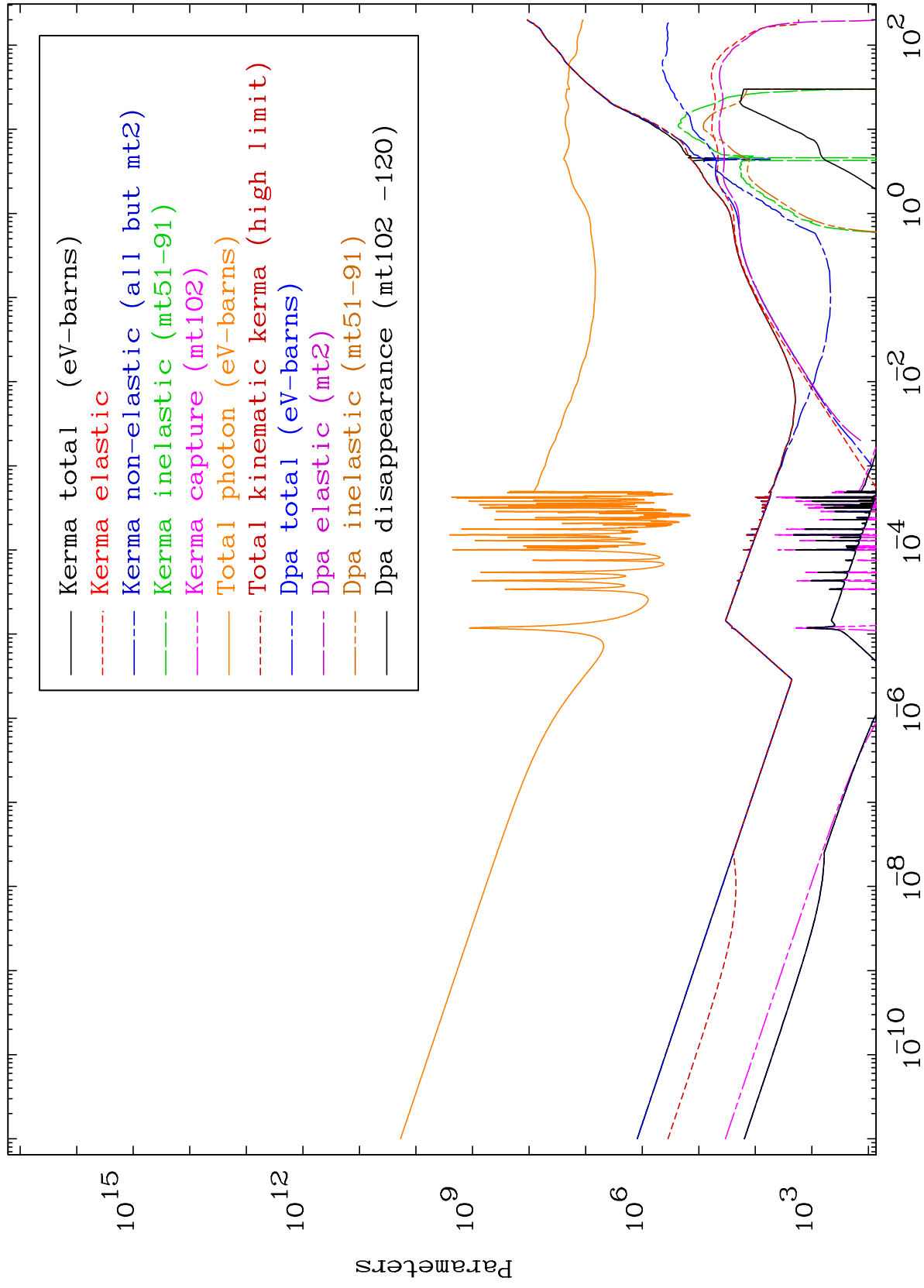


11

Incident Energy (MeV)

86-Rn-206

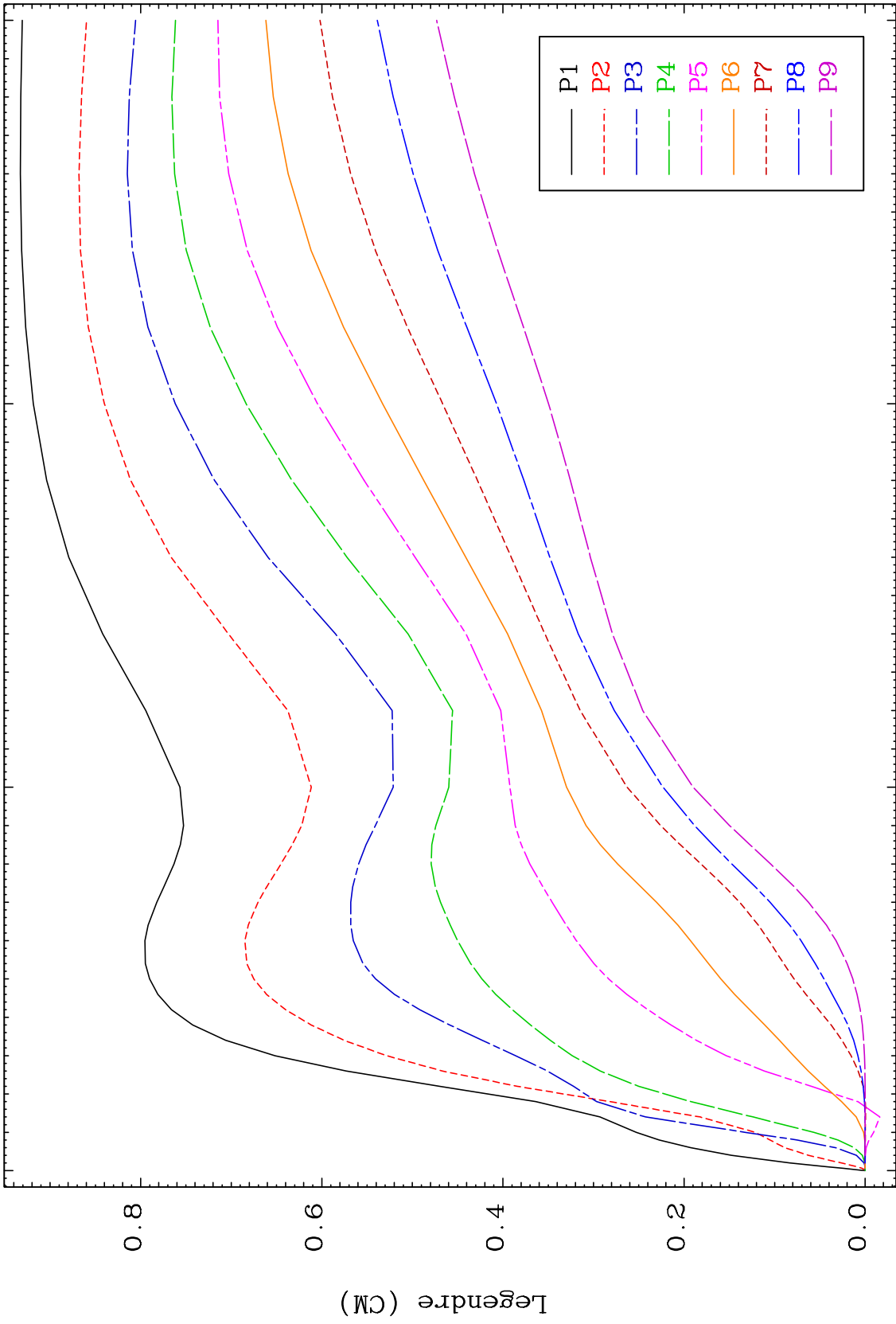




MAT 8610

86-Rn-206

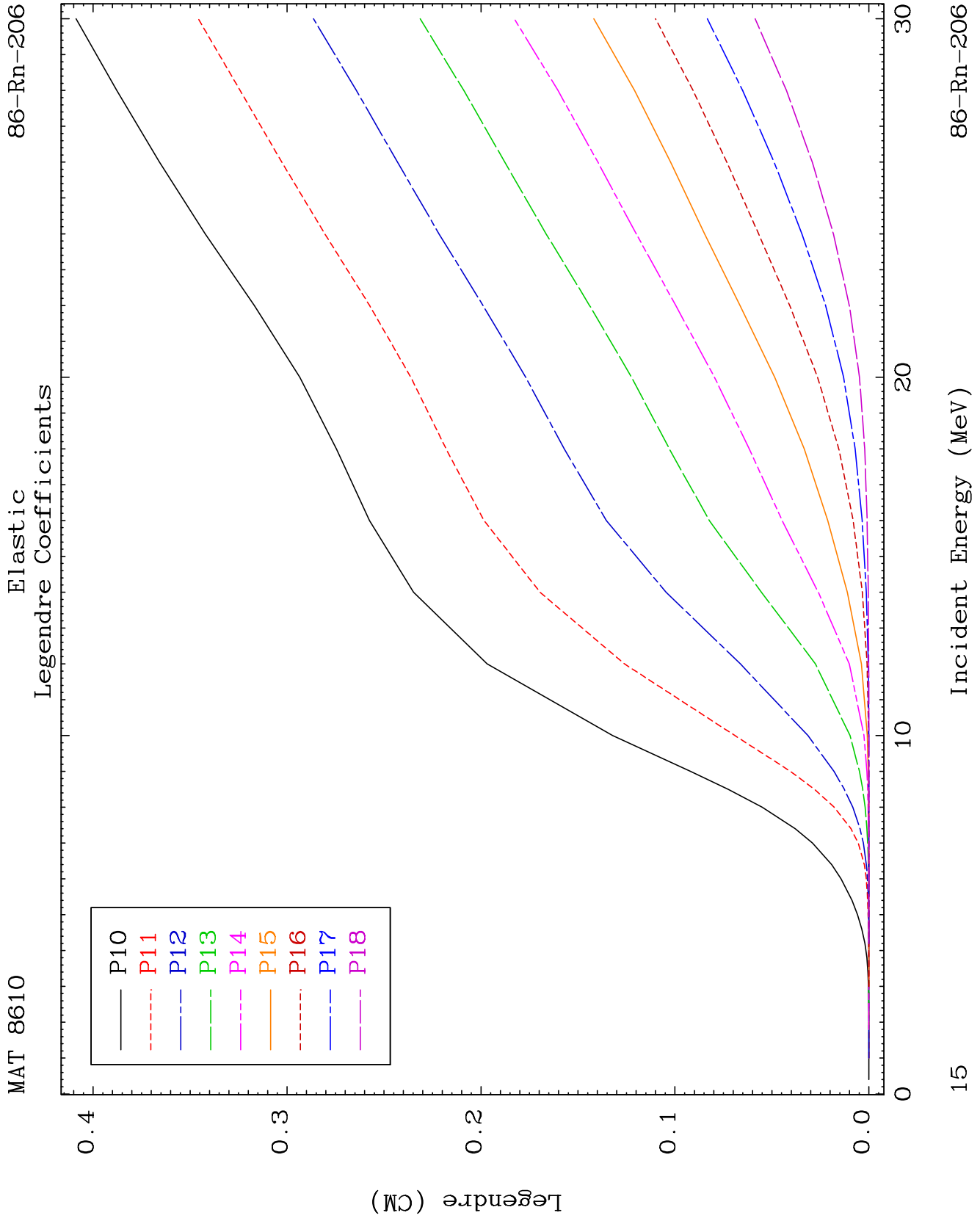
Elastic Legendre Coefficients



14

Incident Energy (MeV)

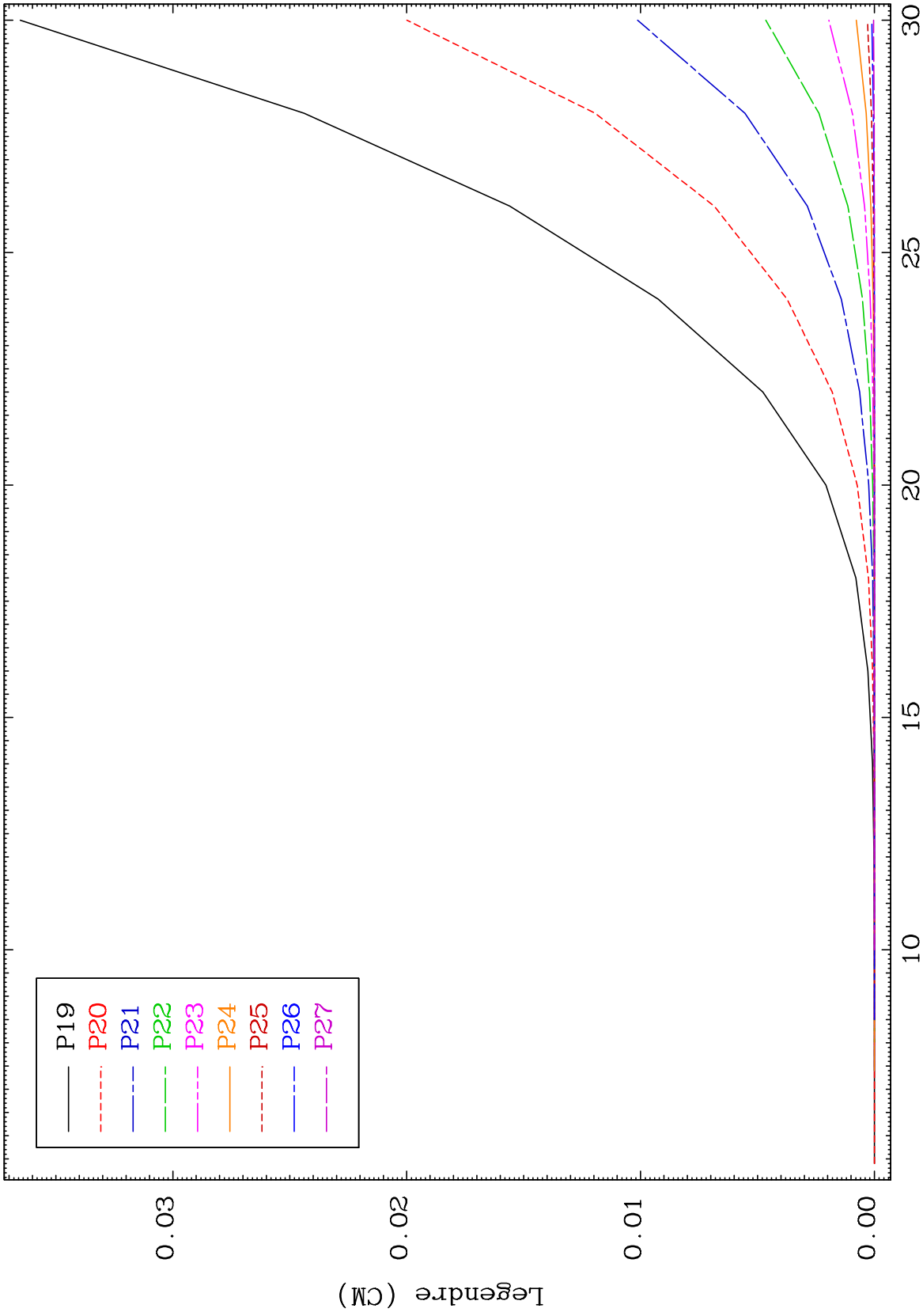
86-Rn-206



MAT 8610

Elastic Legendre Coefficients

86-Rn-206



16

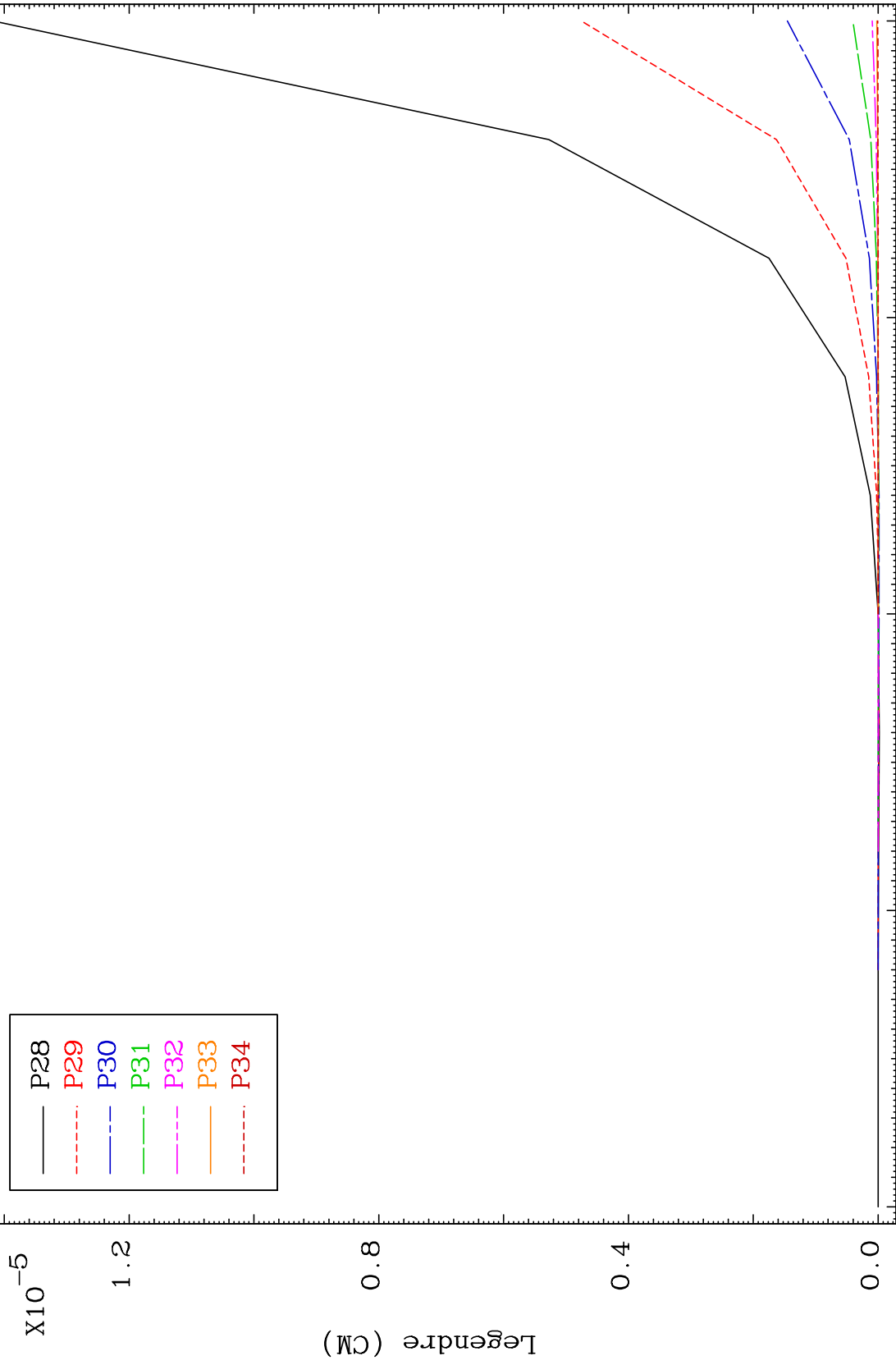
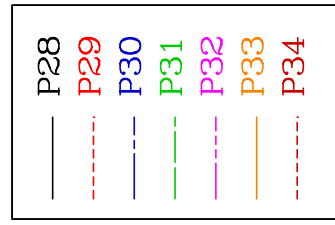
Incident Energy (MeV)

86-Rn-206

MAT 8610

Elastic Legendre Coefficients

86-Rn-206



10

15

20

25

30

86-Rn-206

Incident Energy (MeV)

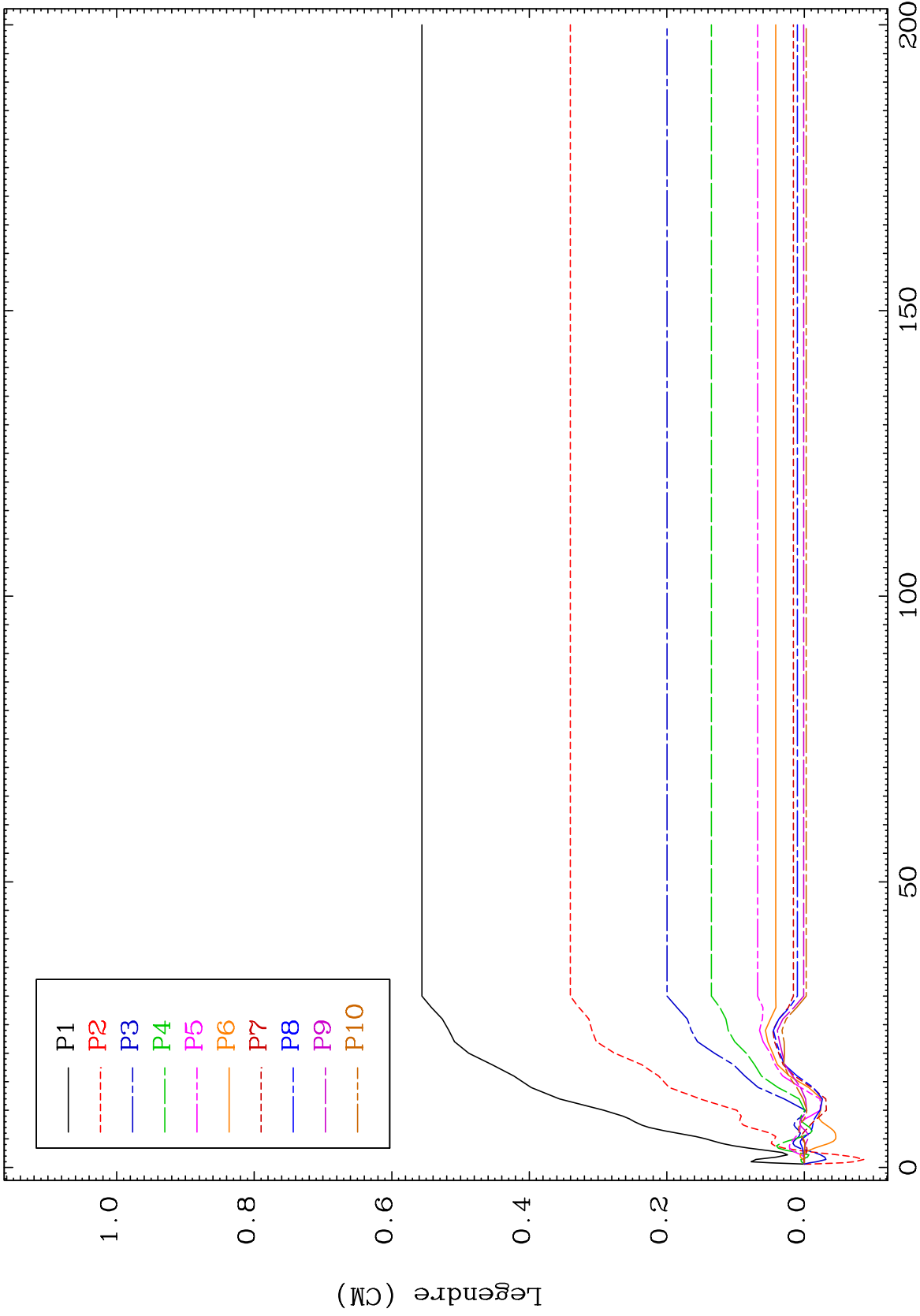
Legendre (CM)

$\times 10^{-5}$

MAT 8610

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

86-Rn-206



18

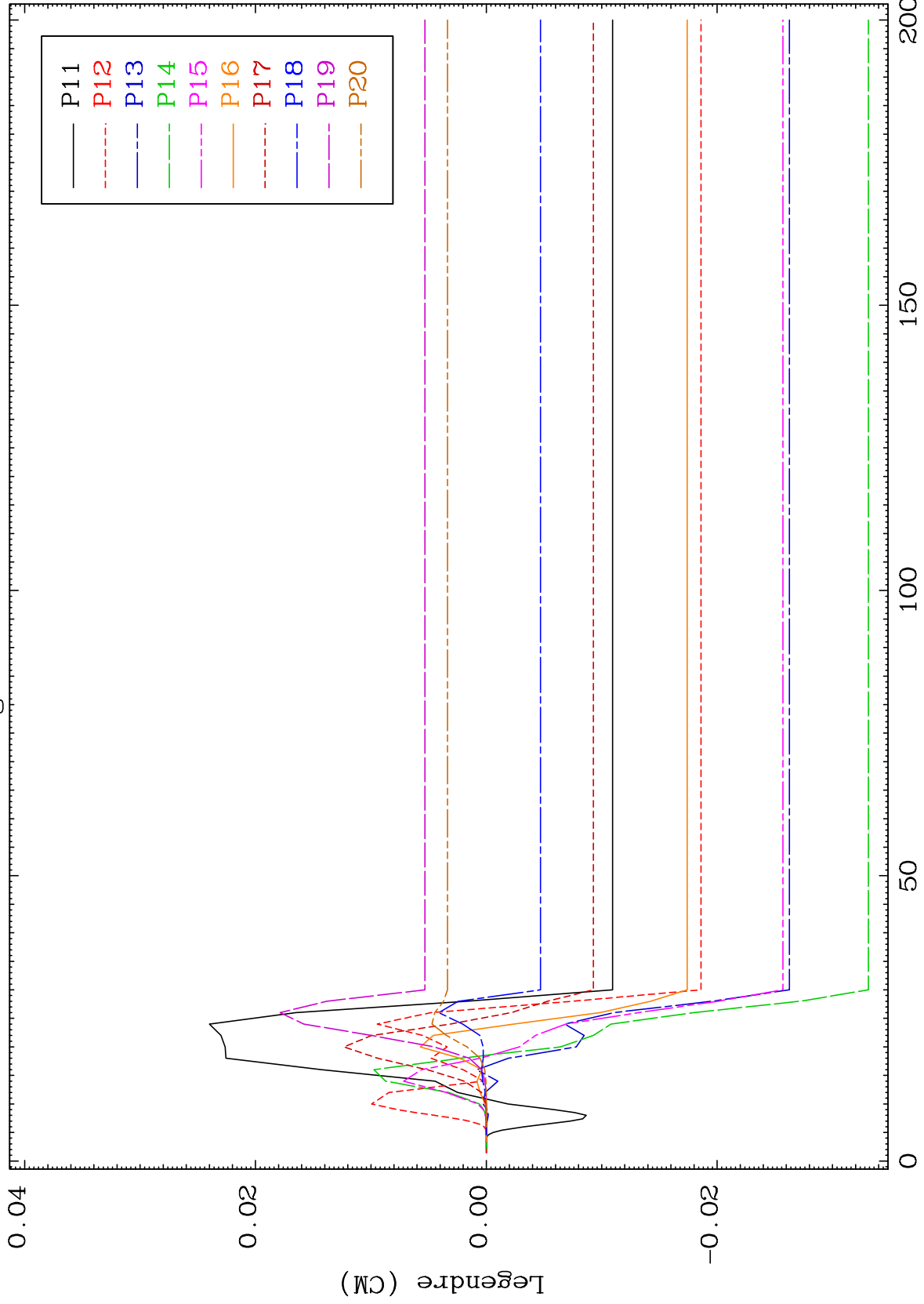
Incident Energy (MeV)

86-Rn-206

MAT 8610

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

86-Rn-206



19

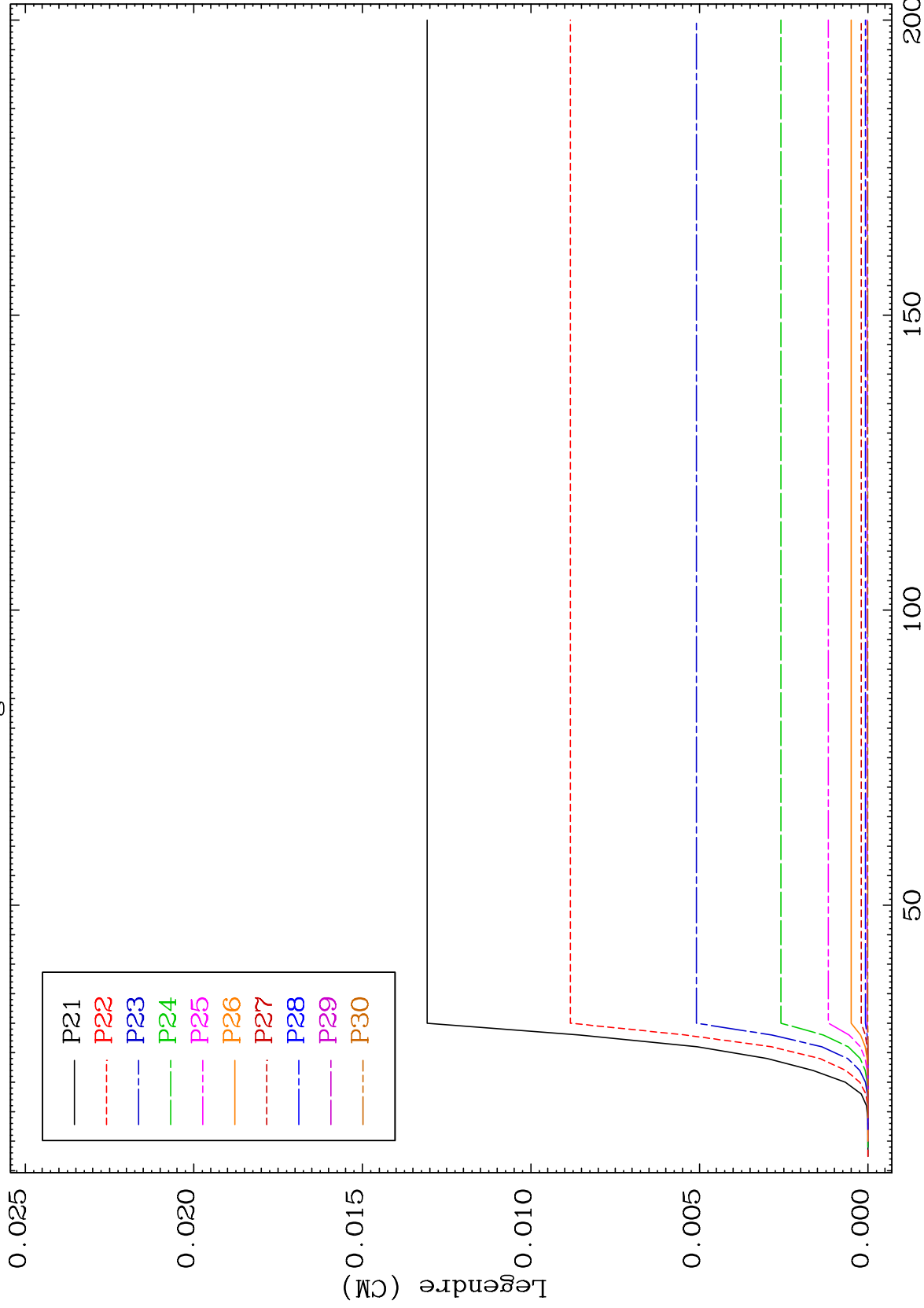
Incident Energy (MeV)

86-Rn-206

MAT 8610

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

86-Rn-206



20

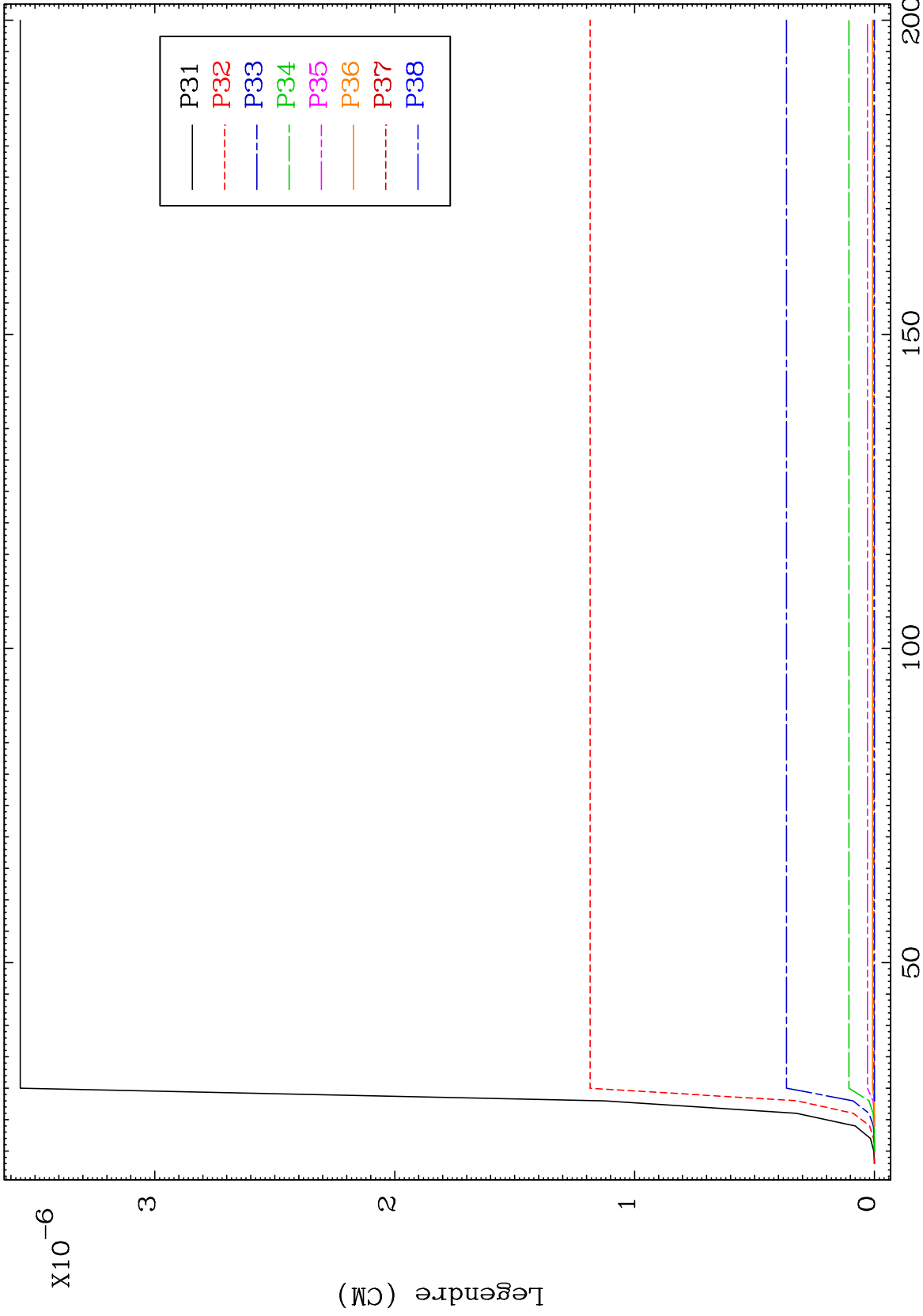
Incident Energy (MeV)

86-Rn-206

MAT 8610

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

86-Rn-206

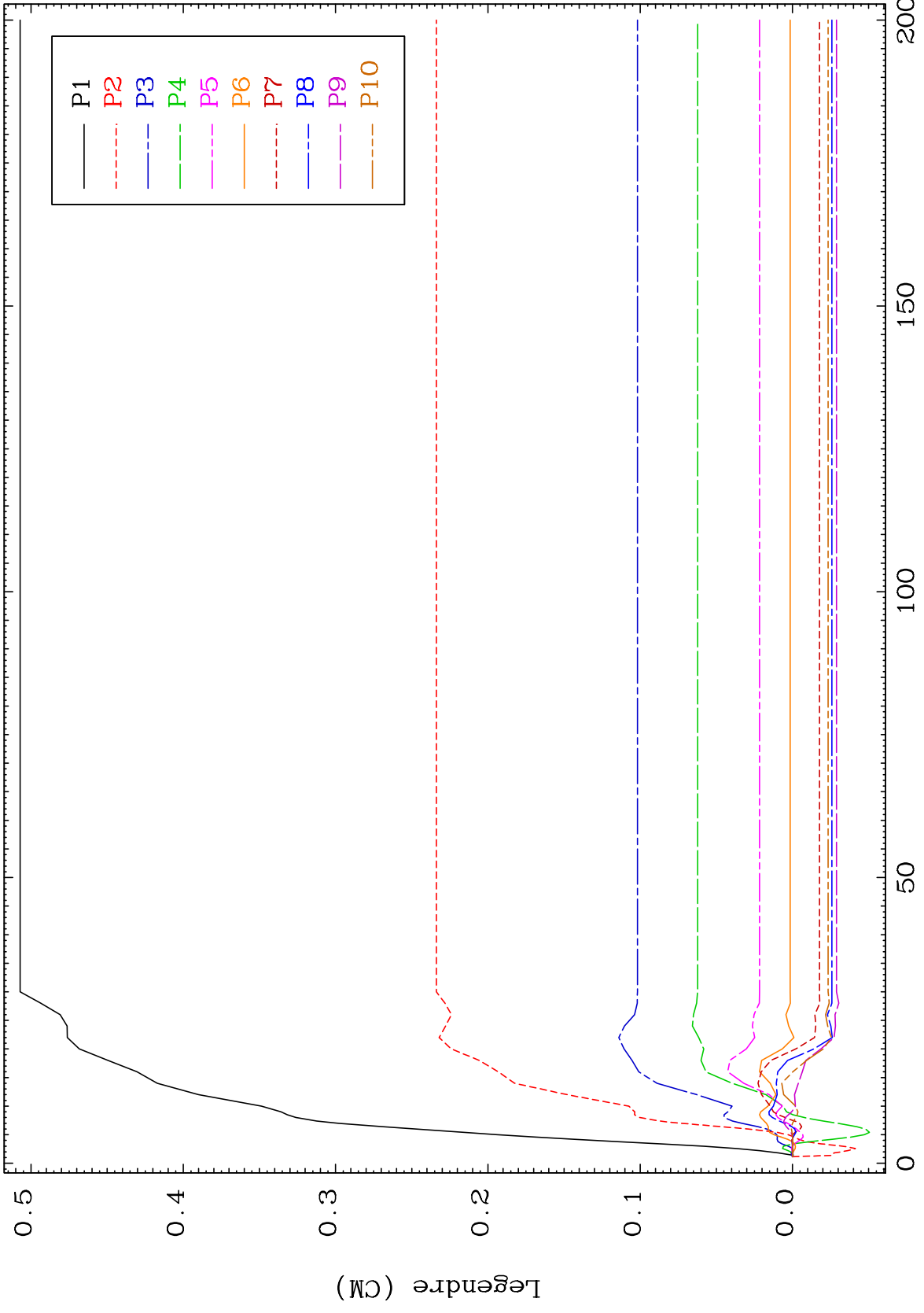


21

Incident Energy (MeV)

86-Rn-206

MAT 8610 MT= 52 (n,n') Level Legendre Coefficients 86-Rn-206

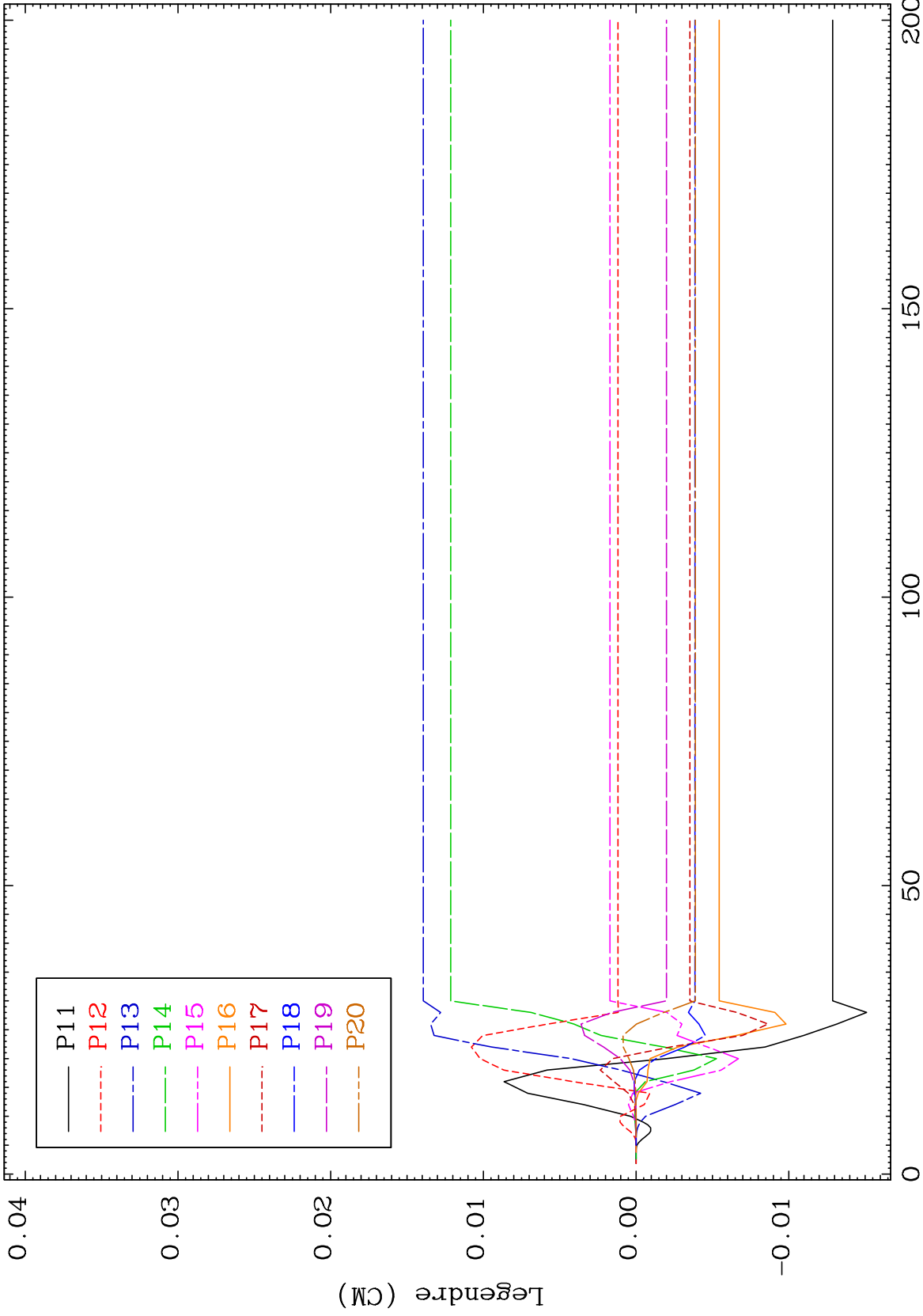


86-Rn-206

MAT 8610

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

86-Rn-206



23

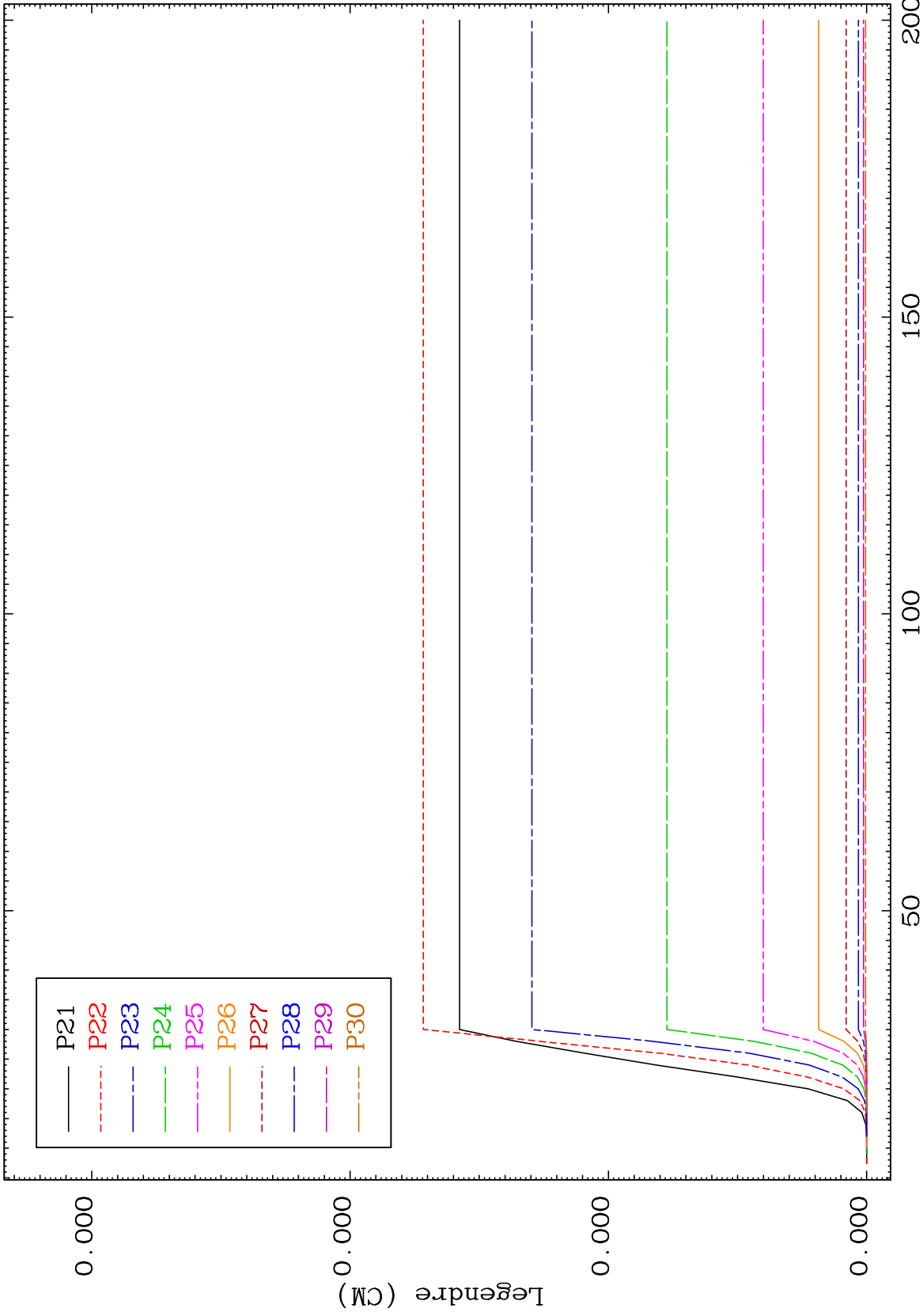
Incident Energy (MeV)

86-Rn-206

MAT 8610

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

86-Rn-206



24

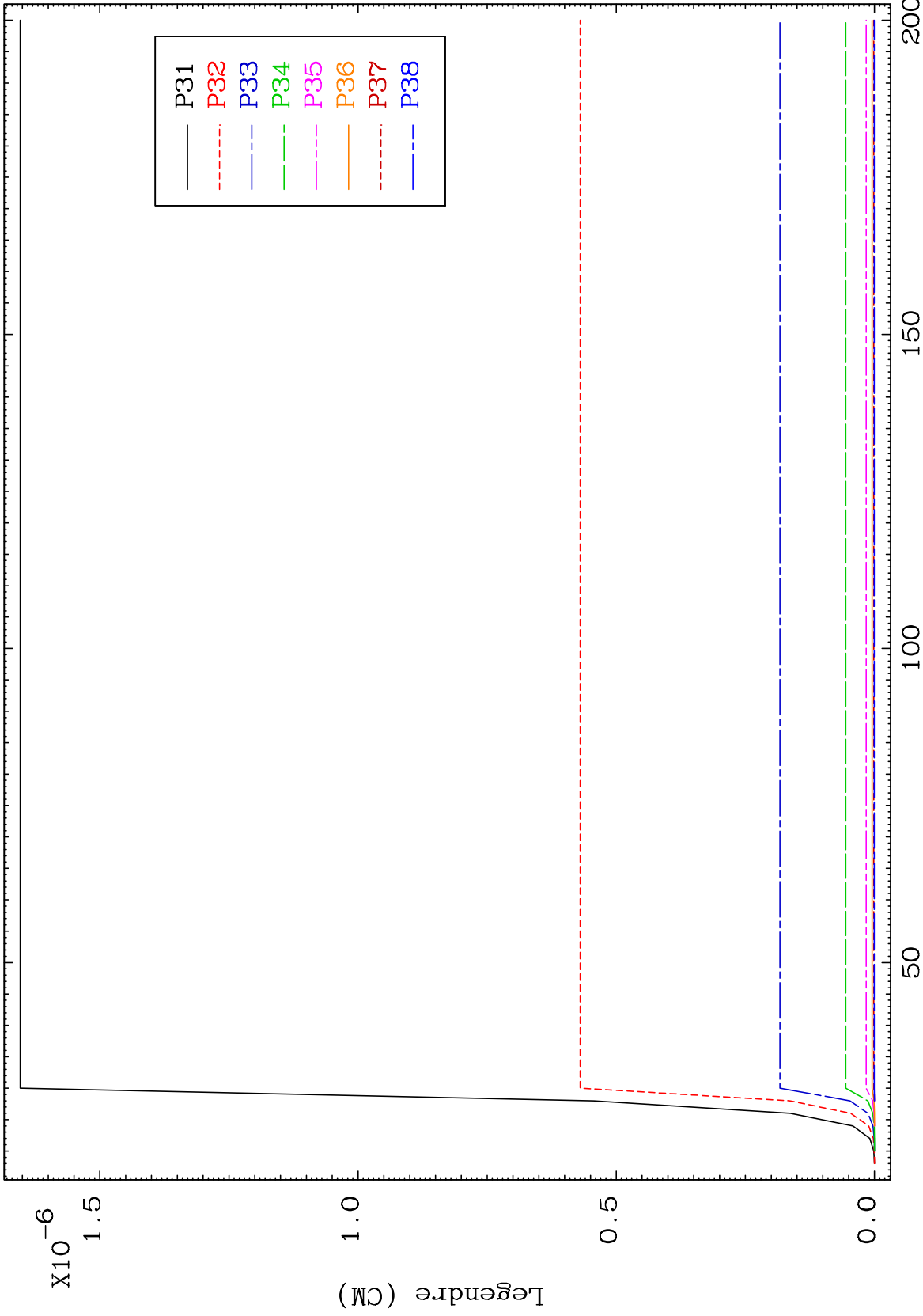
Incident Energy (MeV)

86-Rn-206

MAT 8610

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

86-Rn-206



25

Incident Energy (MeV)

50

100

150

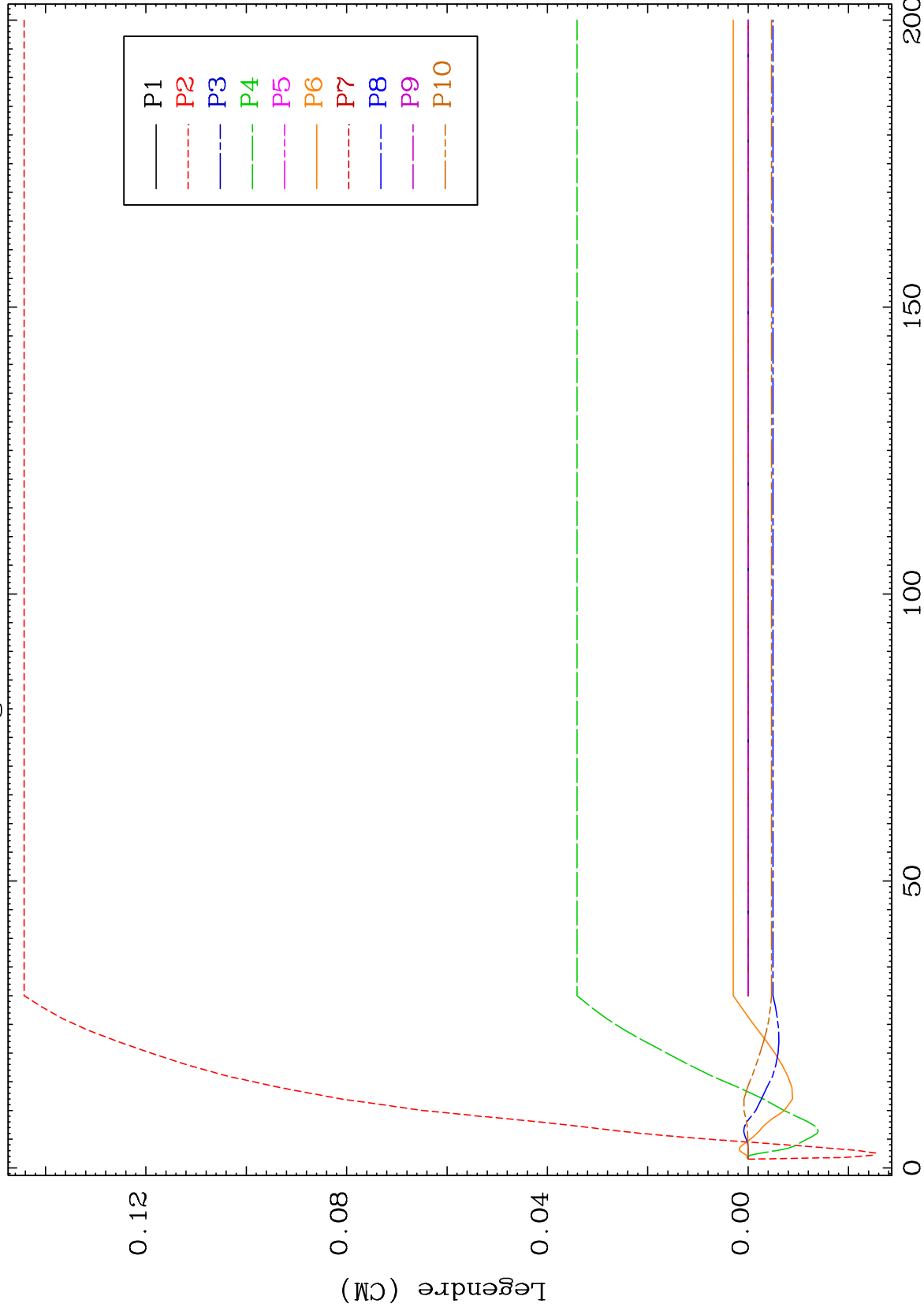
200

86-Rn-206

MAT 8610

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

86-Rn-206



26

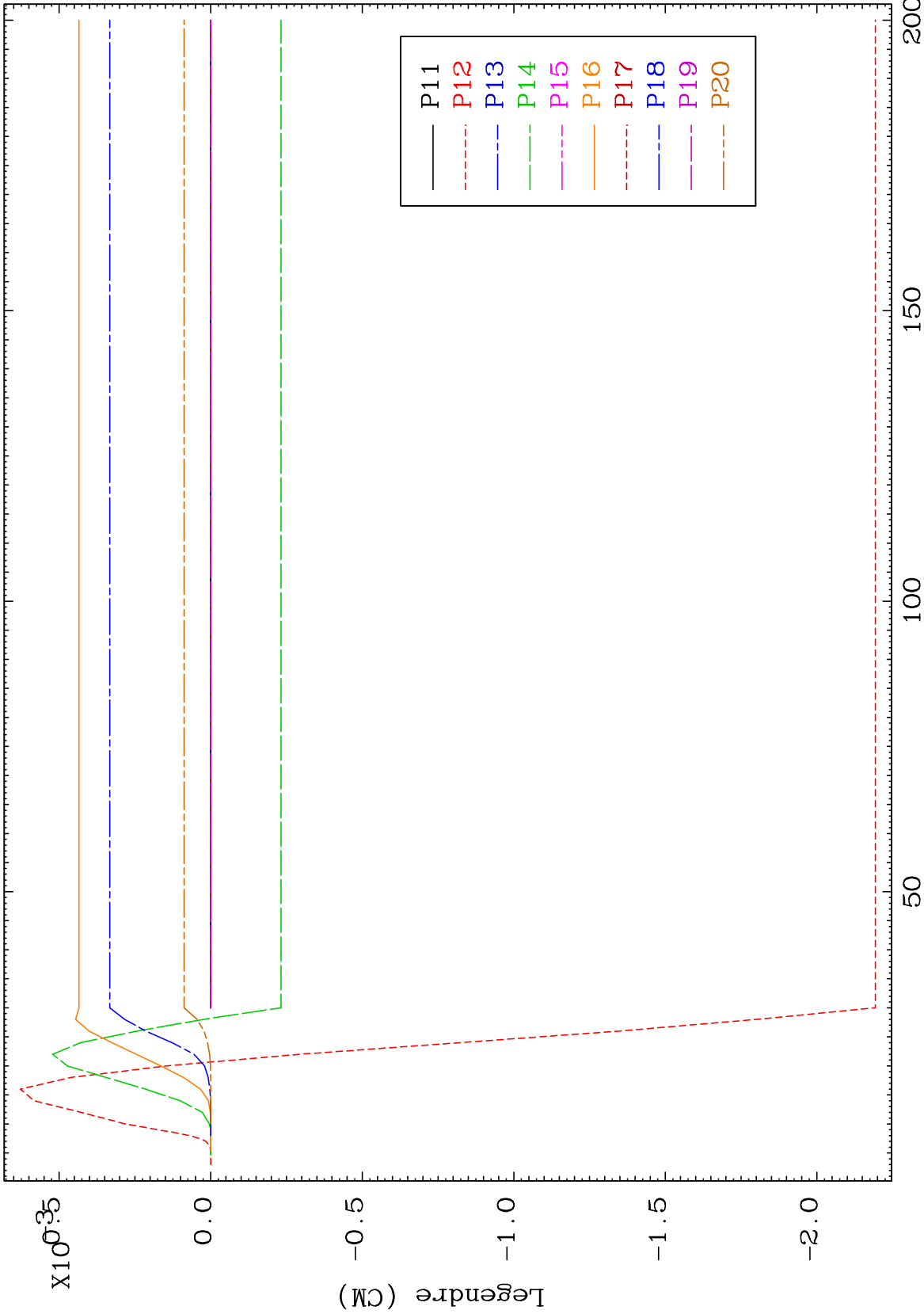
Incident Energy (MeV)

86-Rn-206

MAT 8610

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

86-Rn-206



27

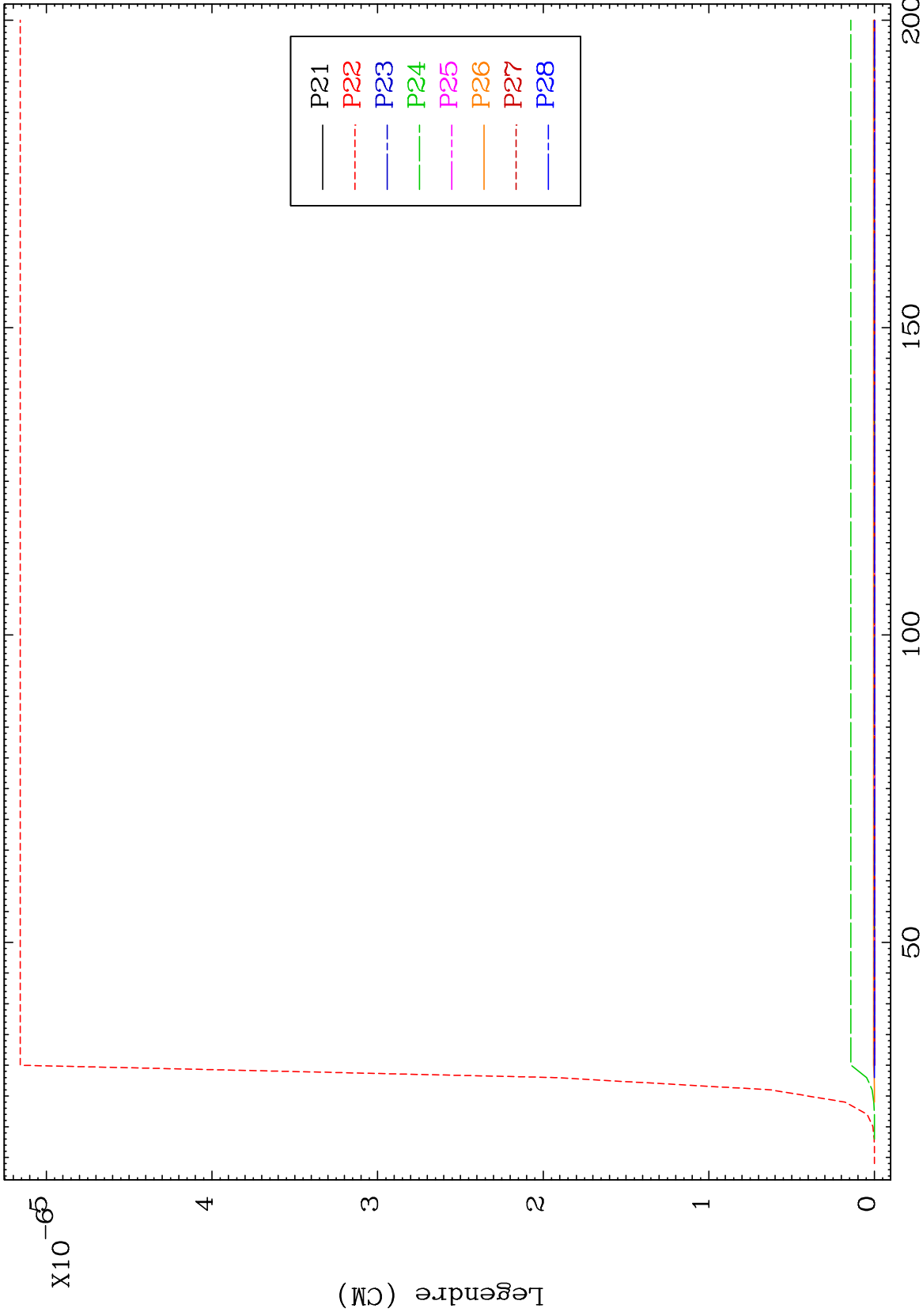
Incident Energy (MeV)

86-Rn-206

MAT 8610

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

86-Rn-206



28

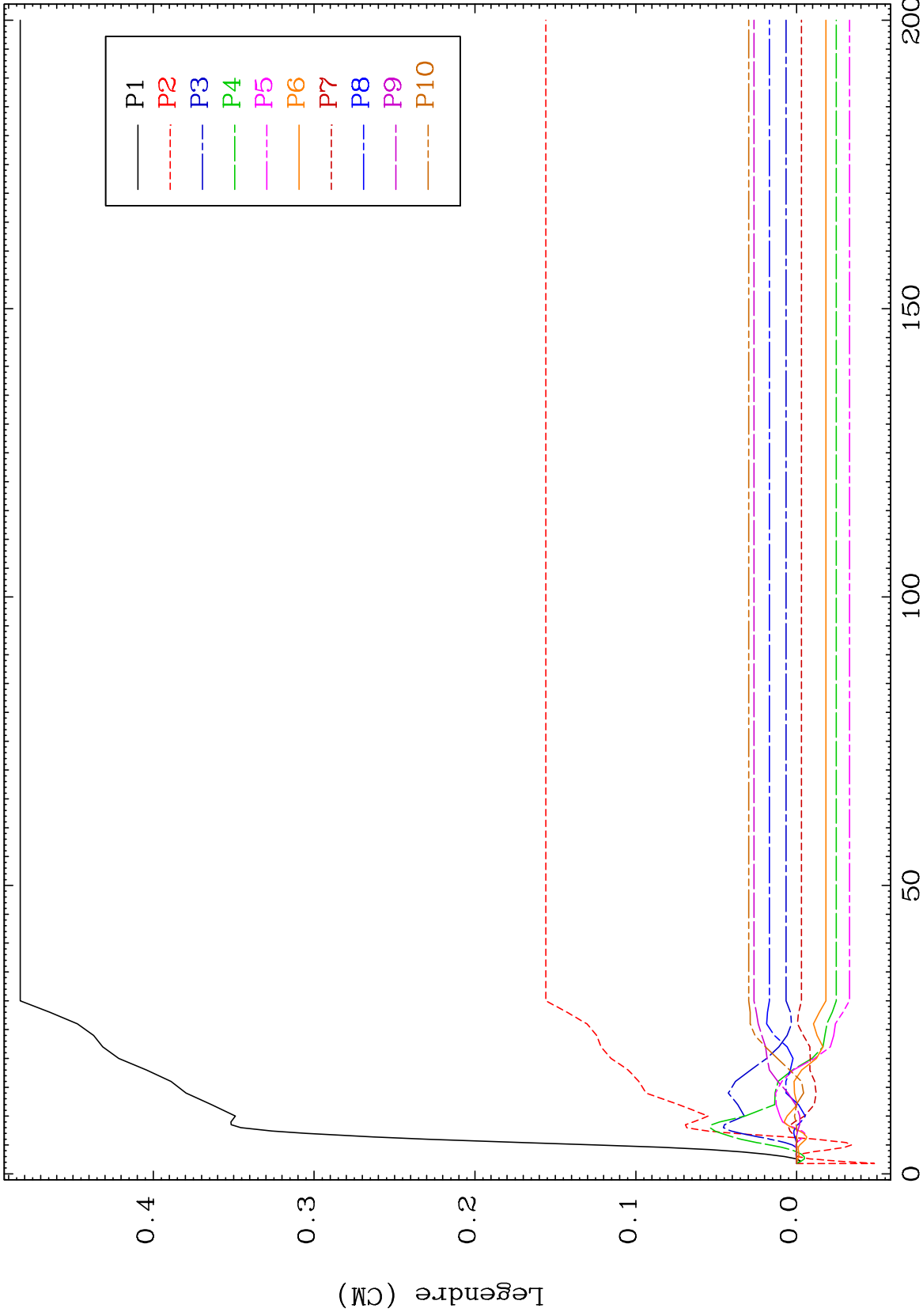
Incident Energy (MeV)

86-Rn-206

MAT 8610

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

86-Rn-206



29

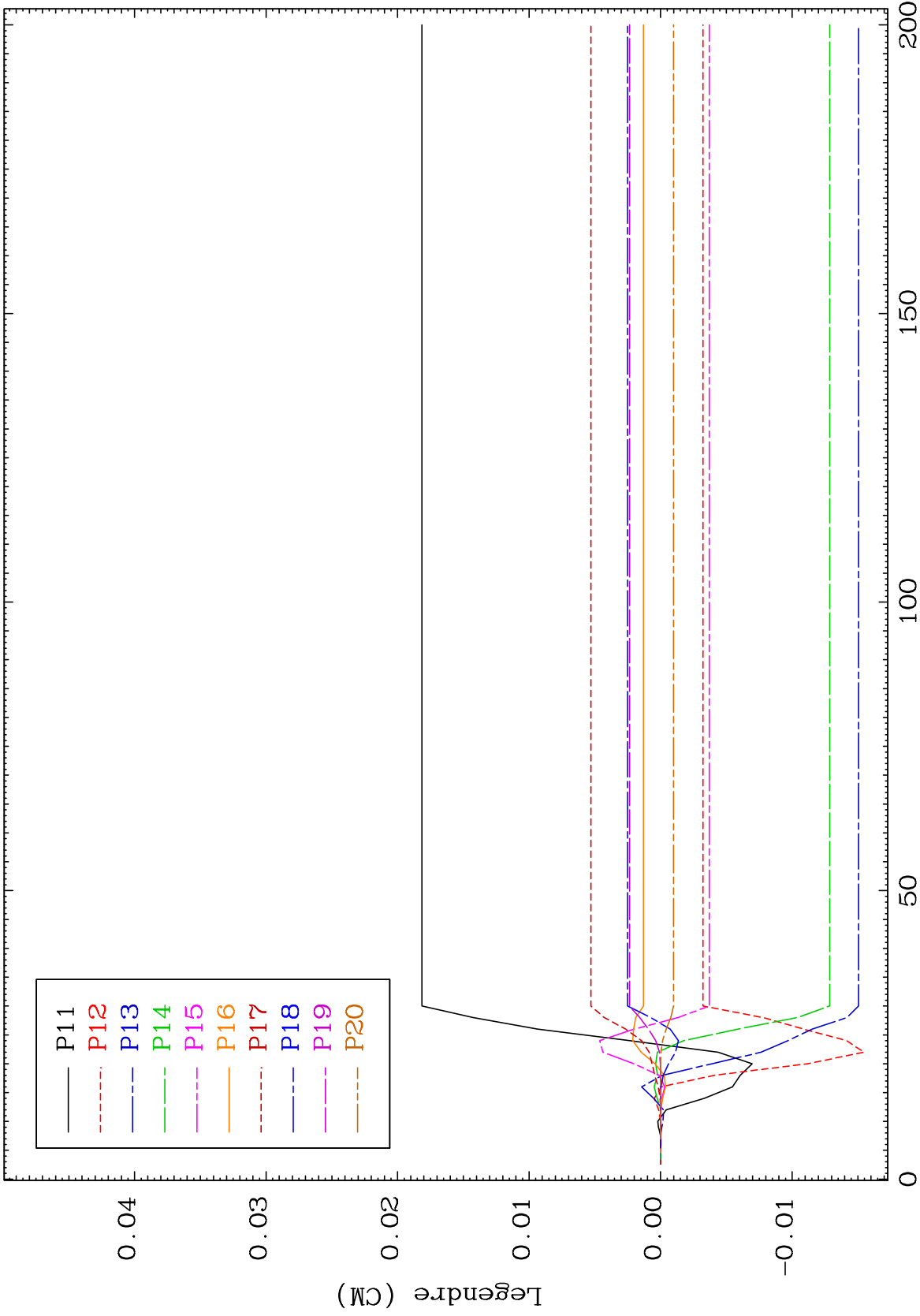
Incident Energy (MeV)

86-Rn-206

MAT 8610

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

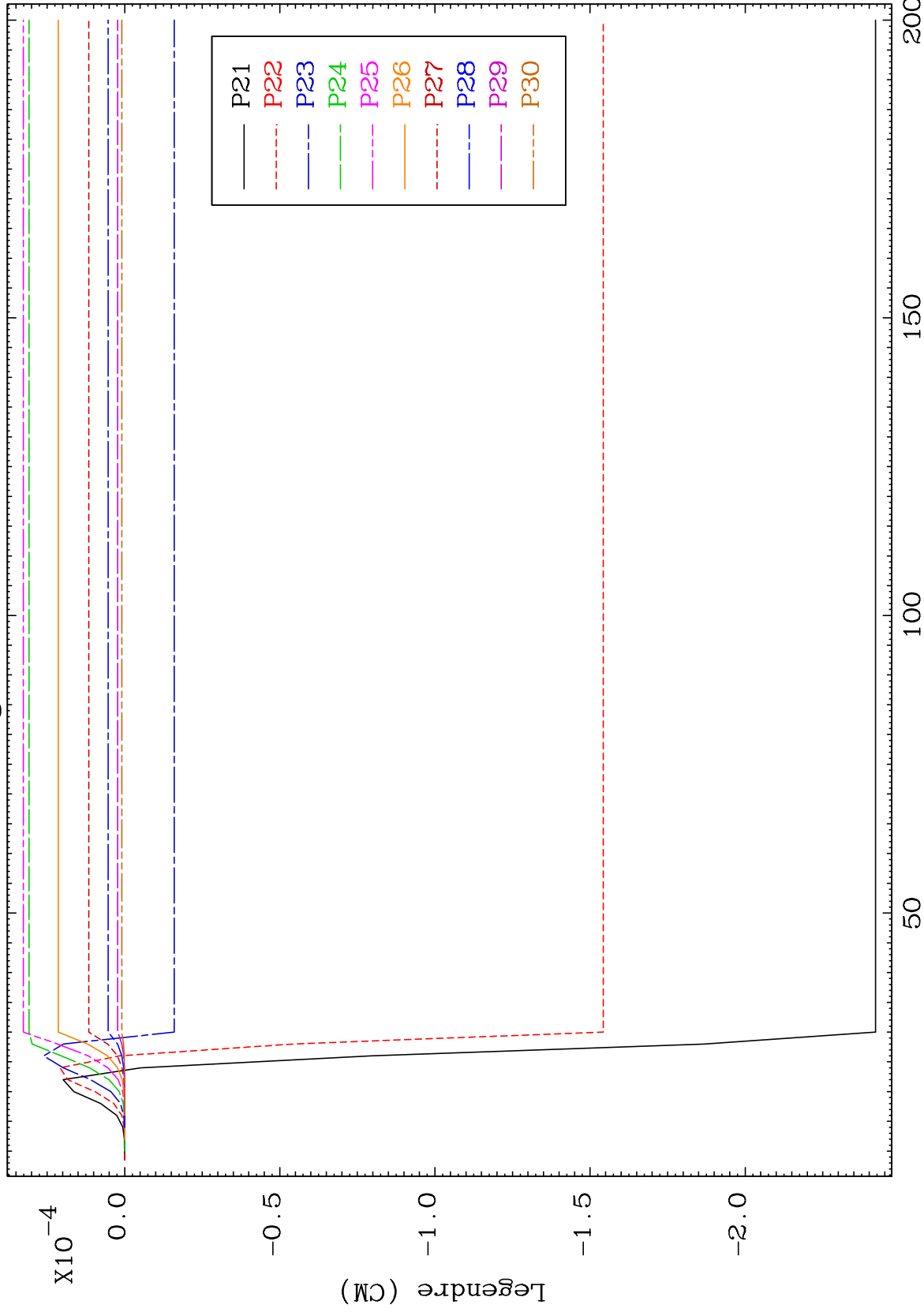
86-Rn-206



30

Incident Energy (MeV)

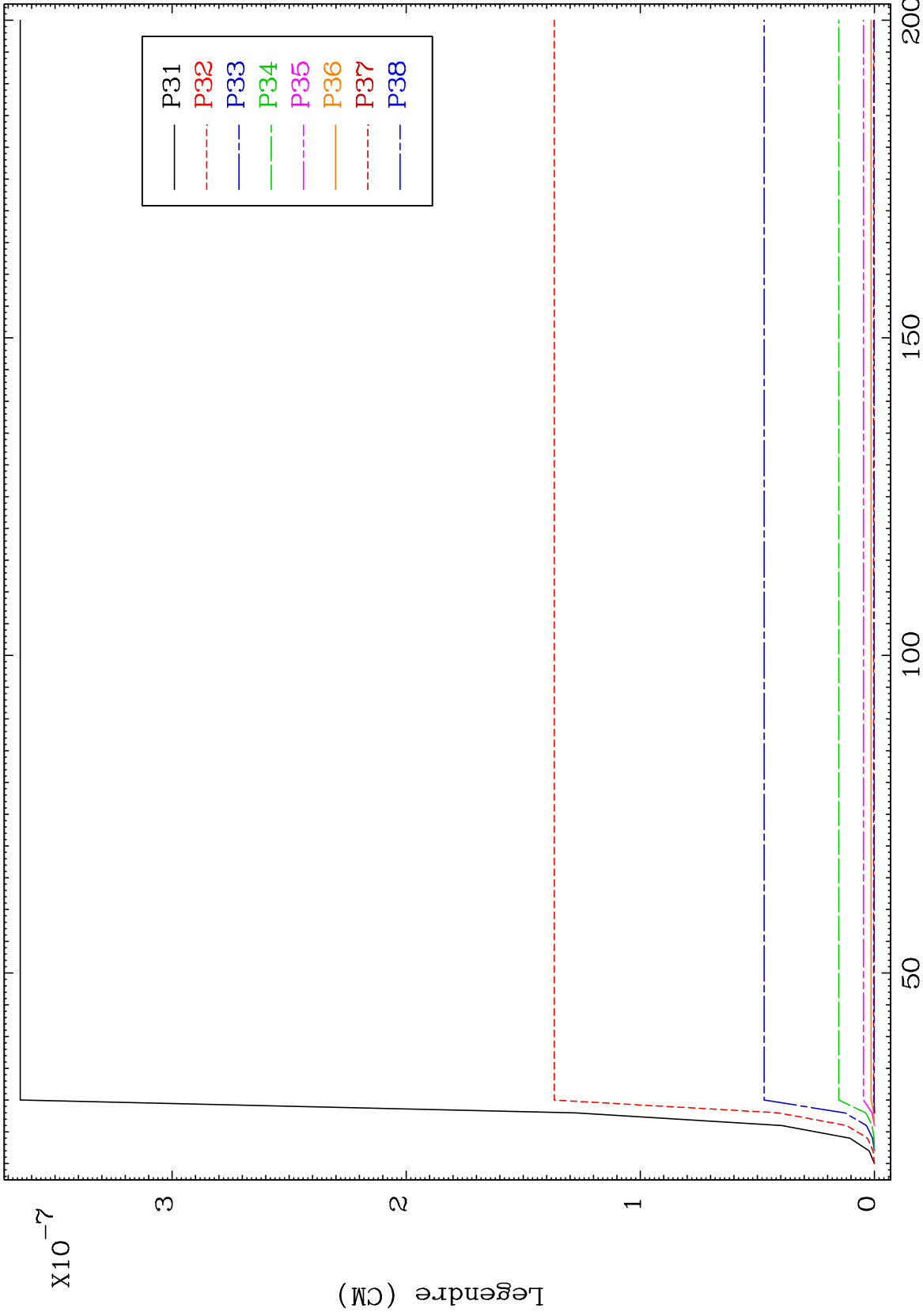
86-Rn-206



MAT 8610

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

86-Rn-206



32

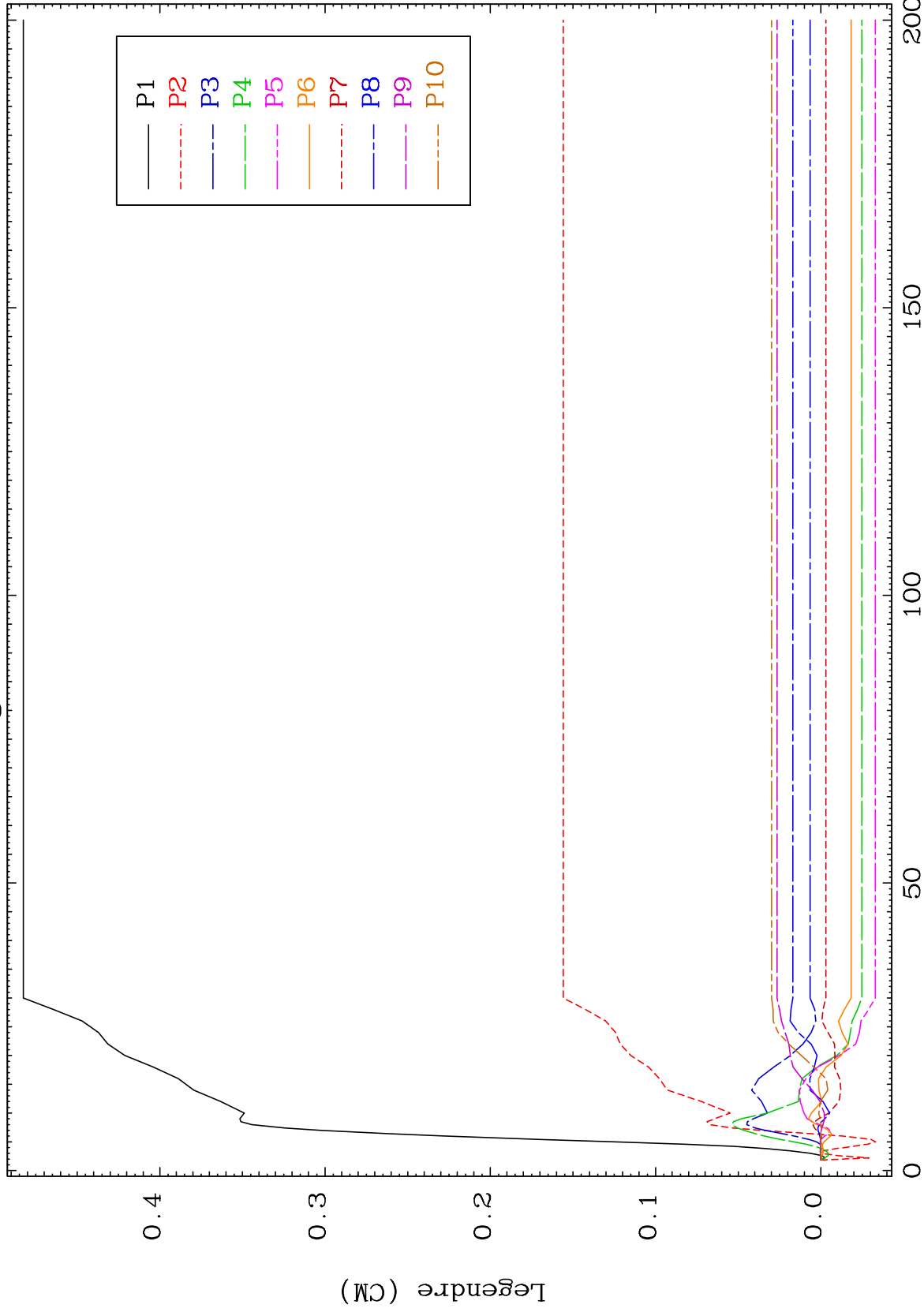
Incident Energy (MeV)

86-Rn-206

MAT 8610

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

86-Rn-206



33

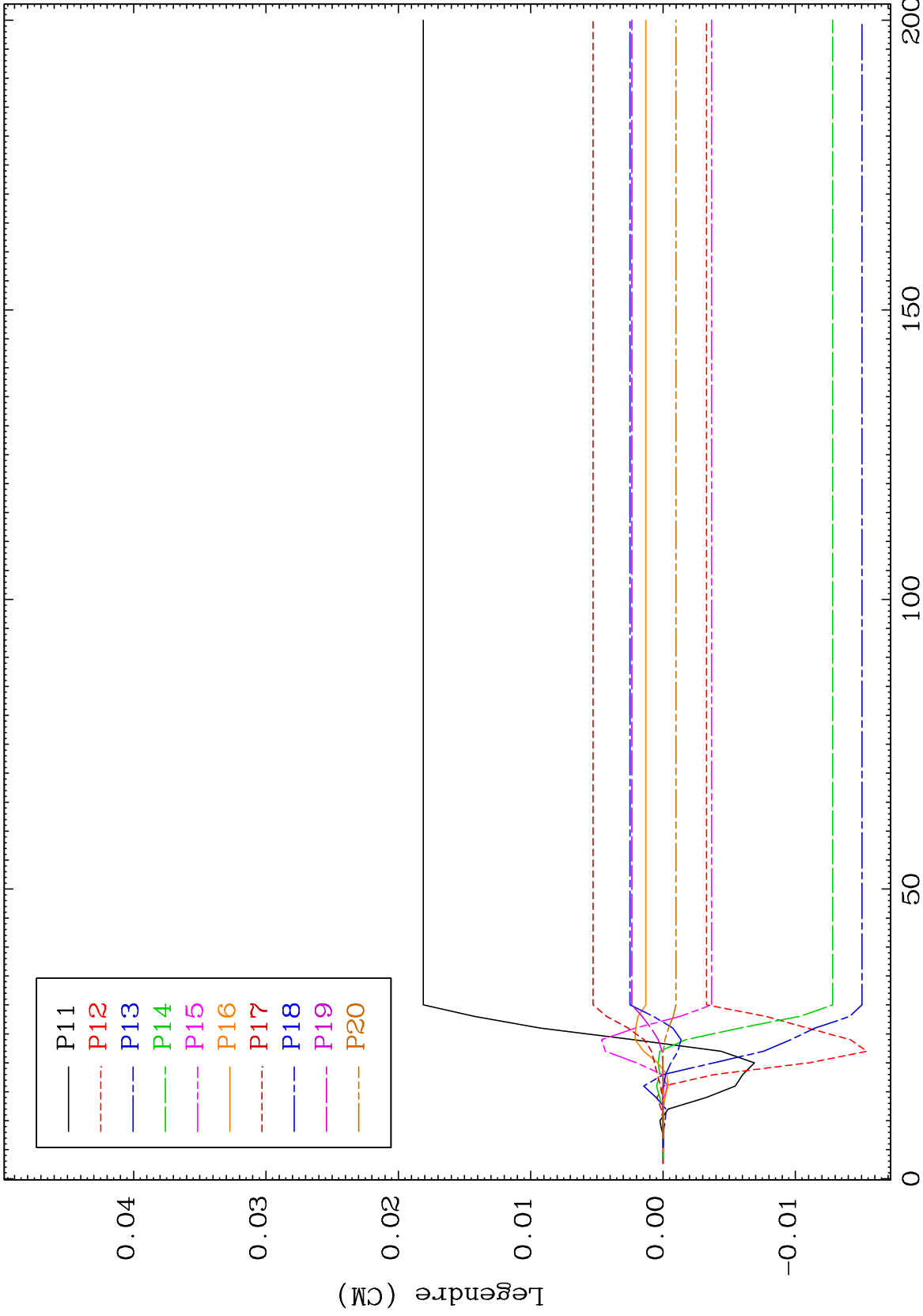
Incident Energy (MeV)

86-Rn-206

MAT 8610

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

86-Rn-206



34

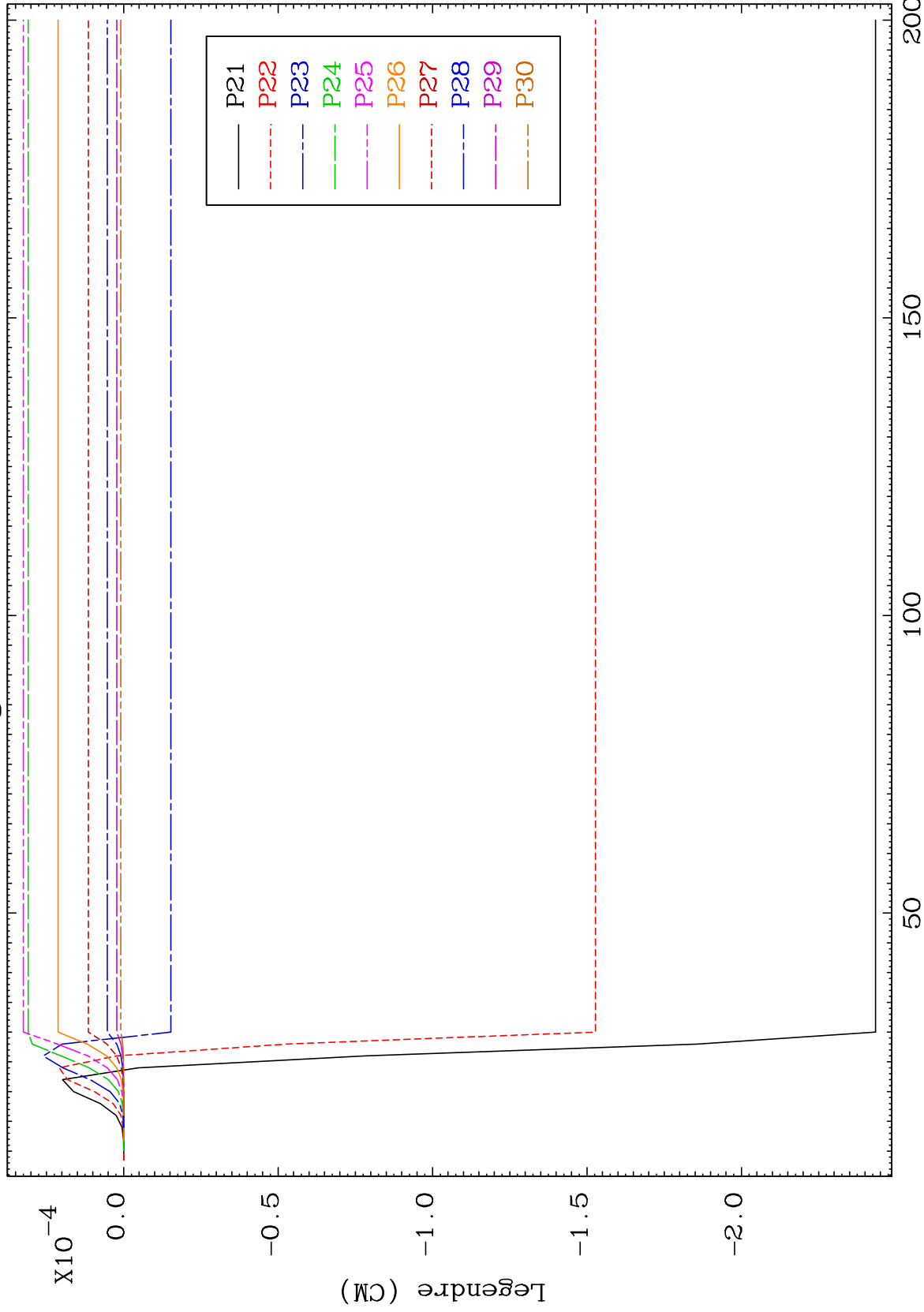
Incident Energy (MeV)

86-Rn-206

MAT 8610

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

86-Rn-206



35

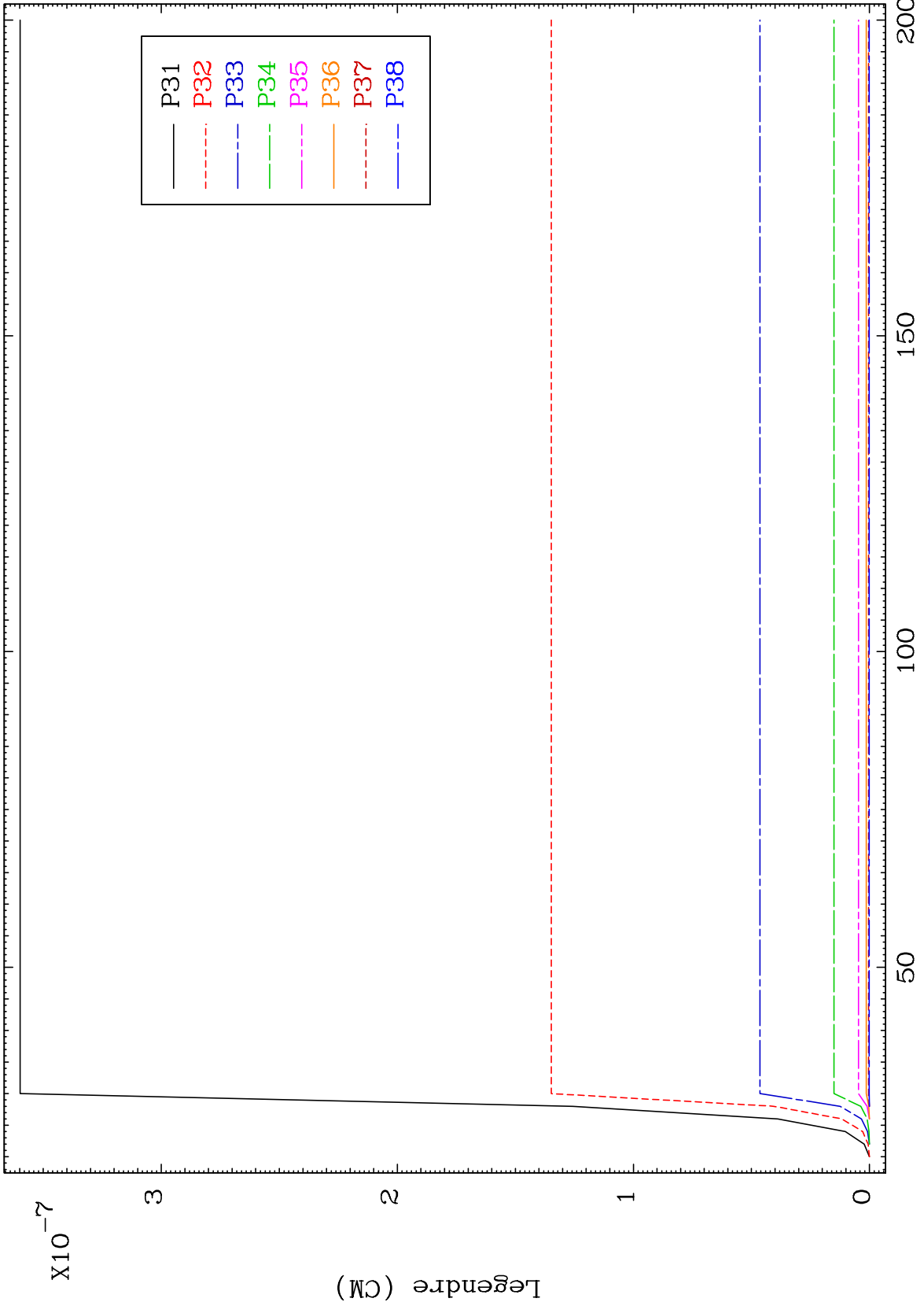
Incident Energy (MeV)

86-Rn-206

MAT 8610

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

86-Rn-206



36

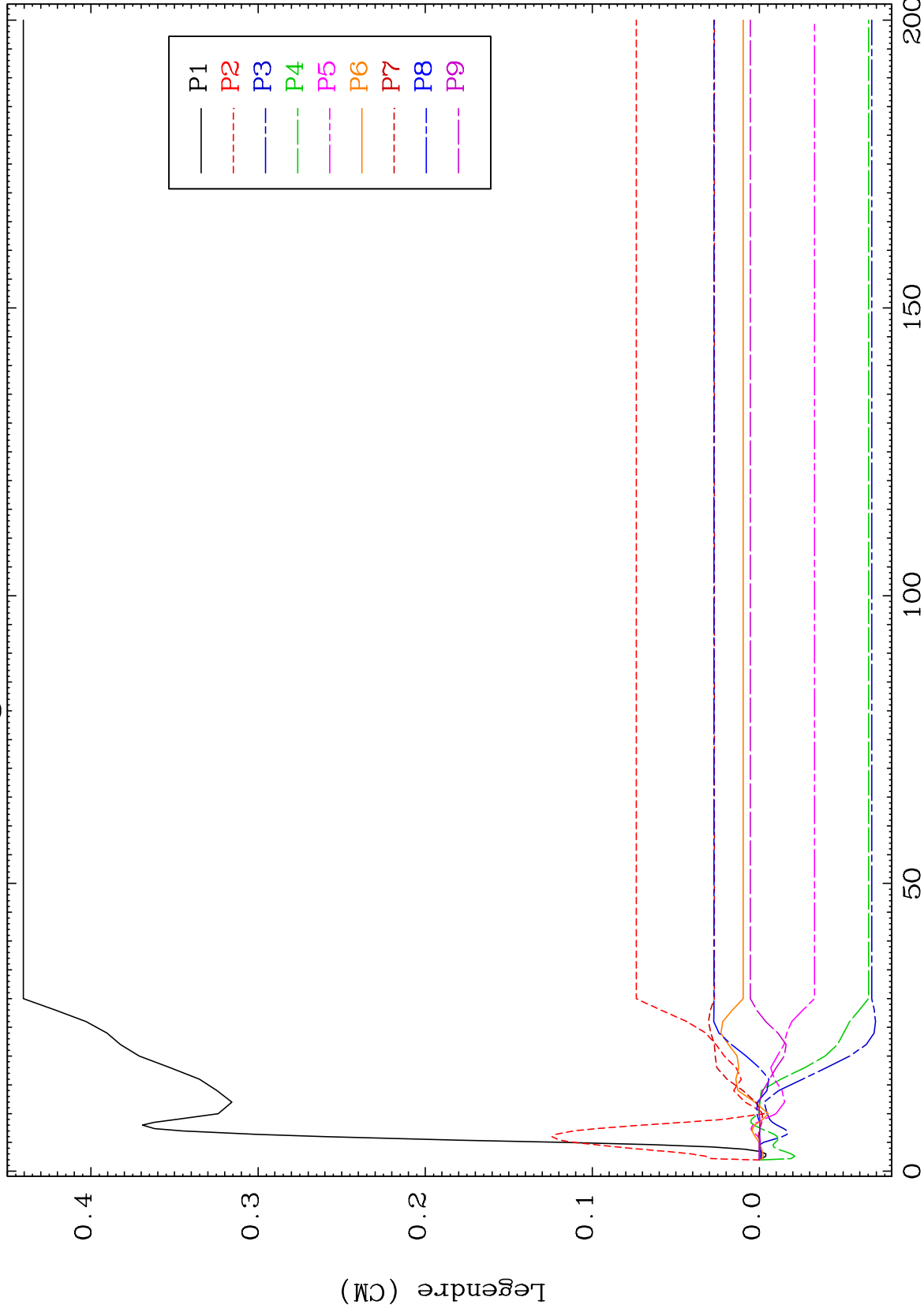
Incident Energy (MeV)

86-Rn-206

MAT 8610

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

86-Rn-206



37

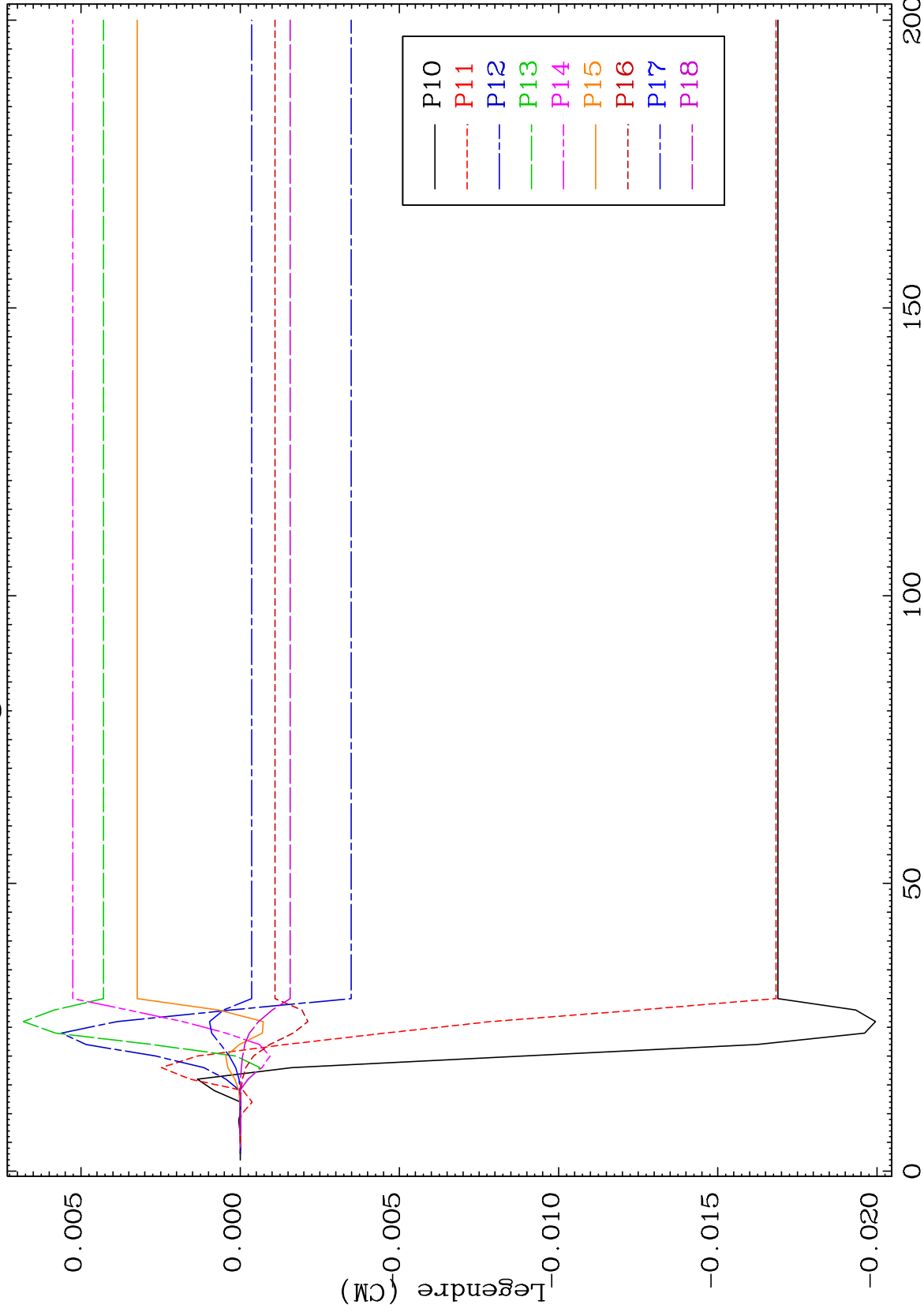
Incident Energy (MeV)

86-Rn-206

MAT 8610

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

86-Rn-206



38

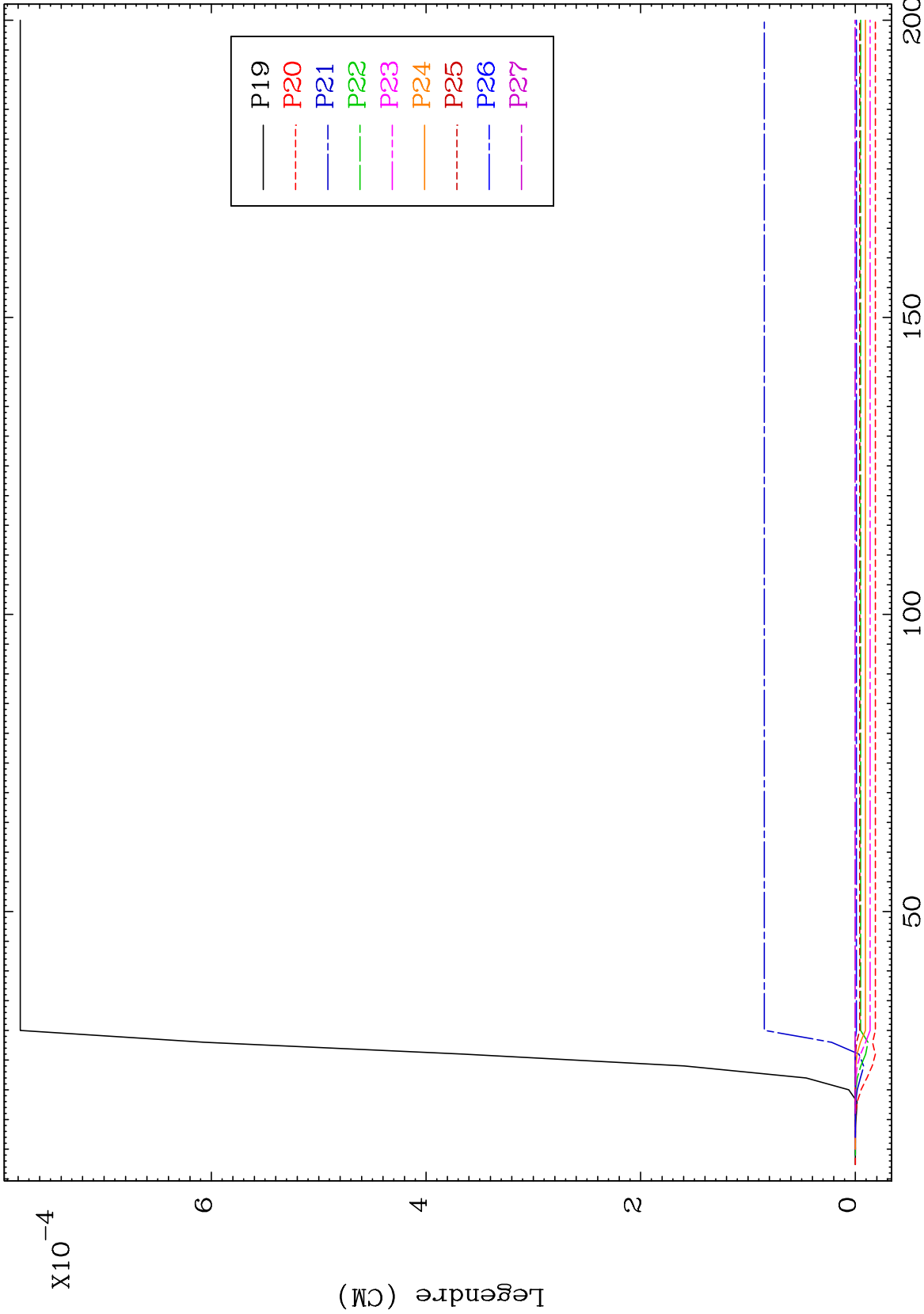
Incident Energy (MeV)

86-Rn-206

MAT 8610

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

86-Rn-206



39

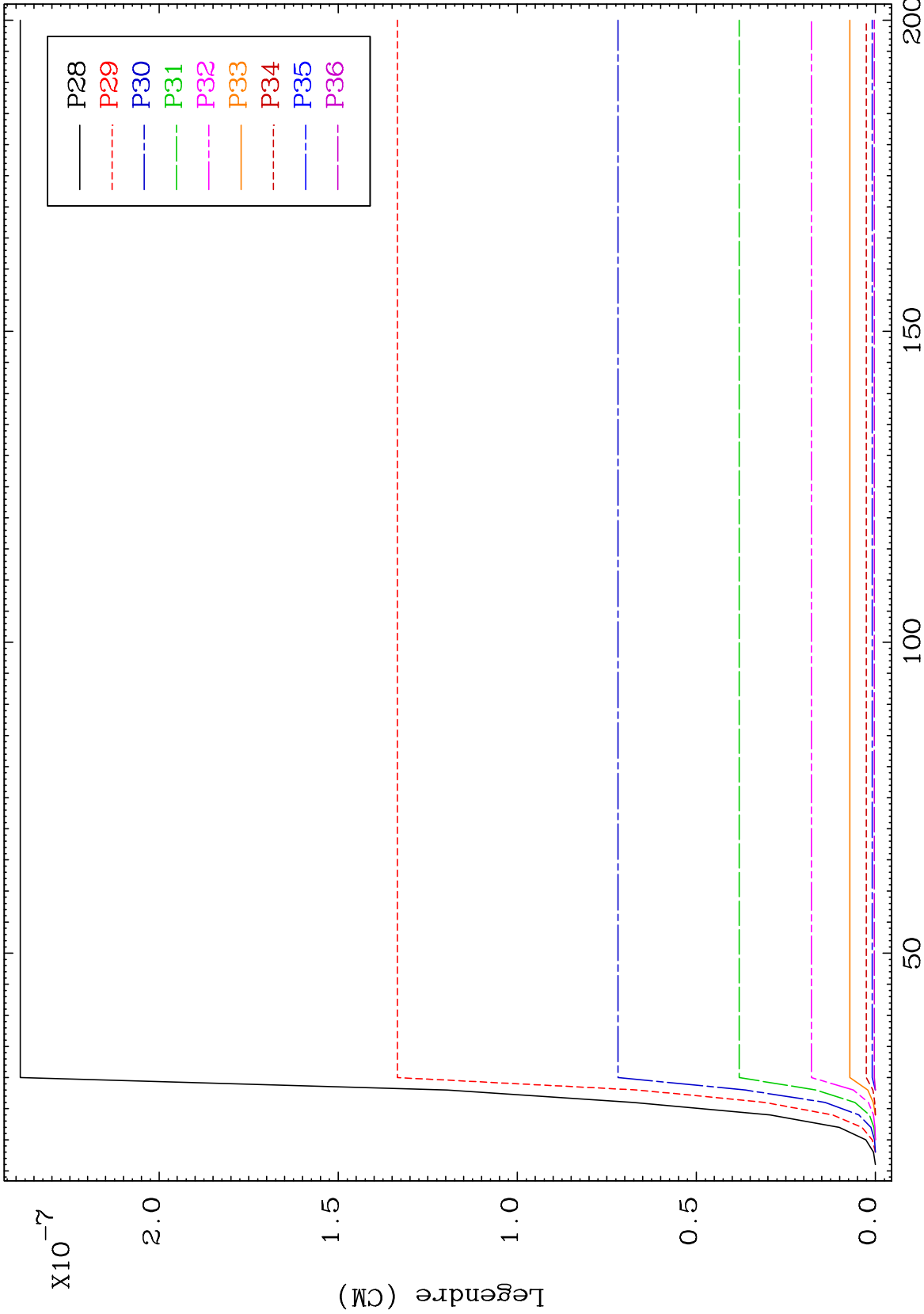
Incident Energy (MeV)

86-Rn-206

MAT 8610

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

86-Rn-206

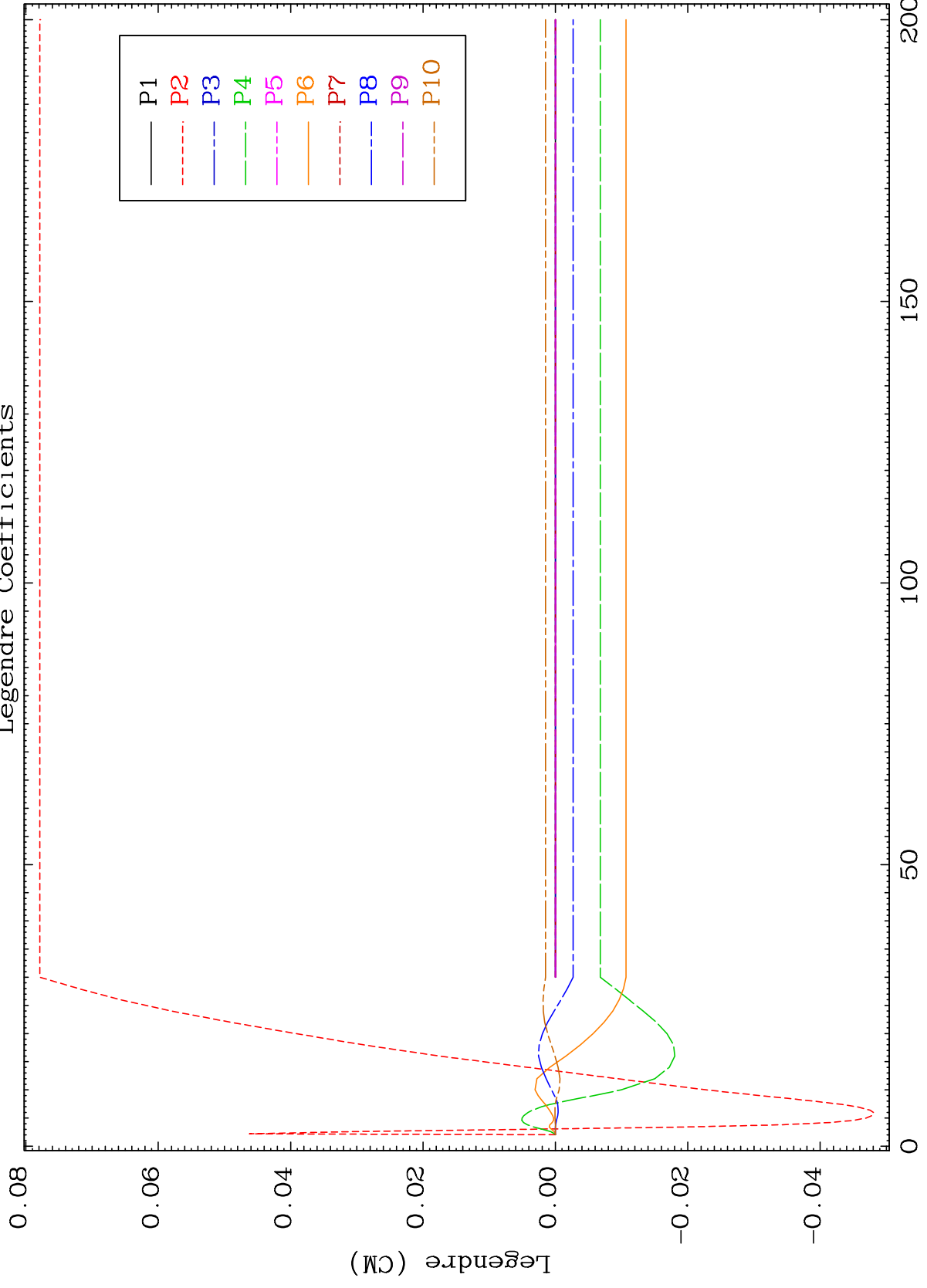


40

Incident Energy (MeV)

86-Rn-206

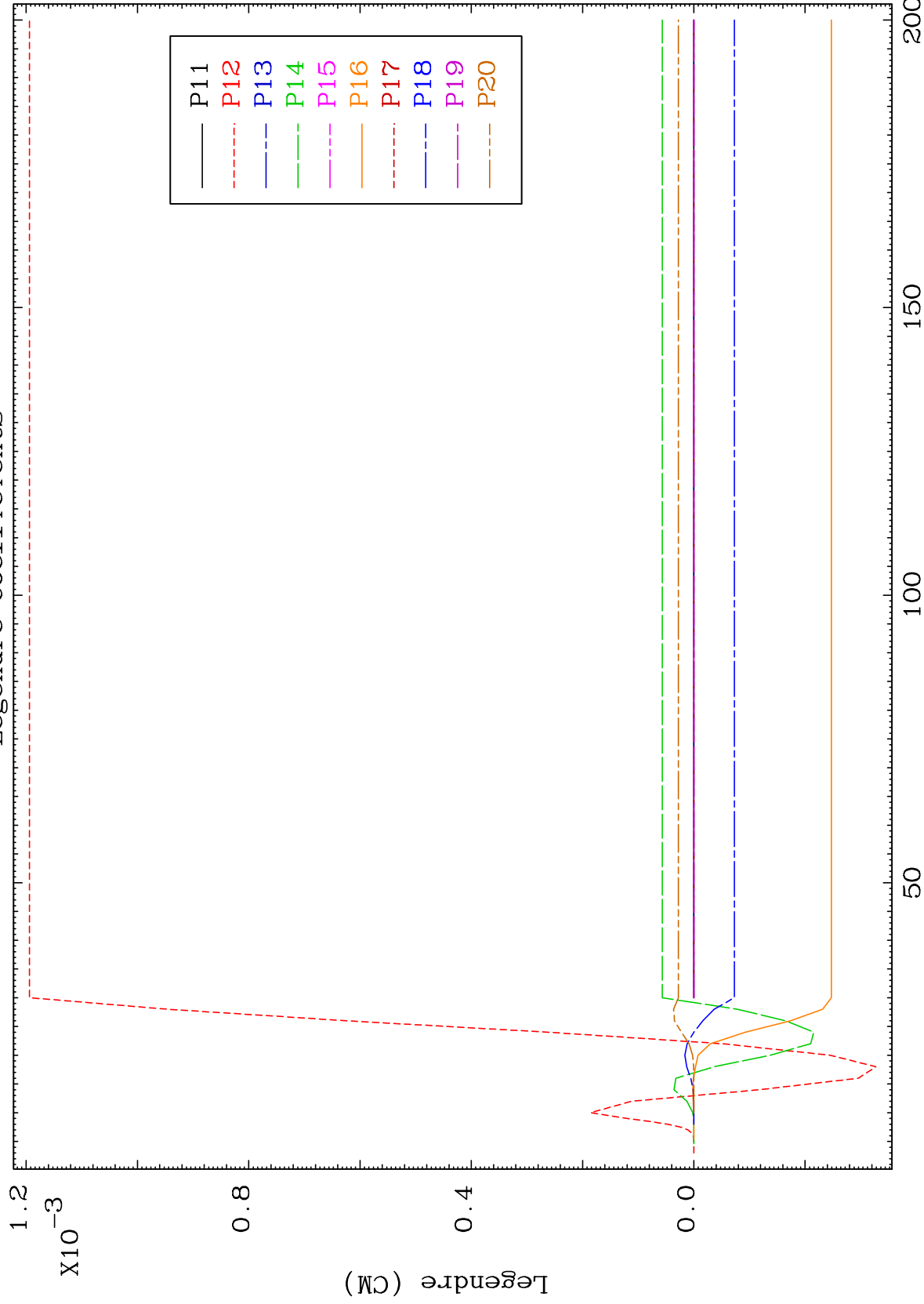
MAT 8610 MT= 57 (n,n') Level Legendre Coefficients 86-Rn-206



MAT 8610

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

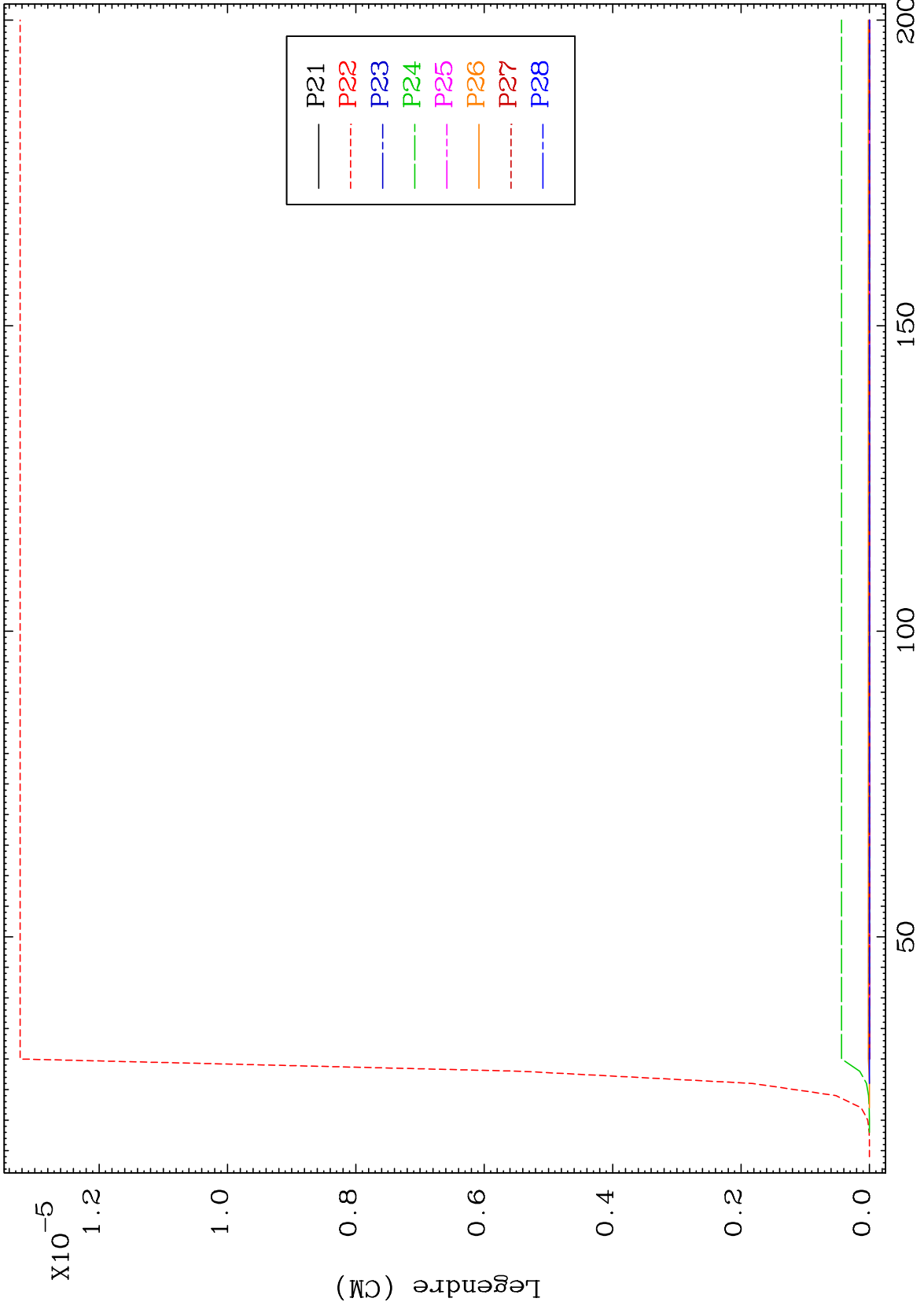
86-Rn-206



42

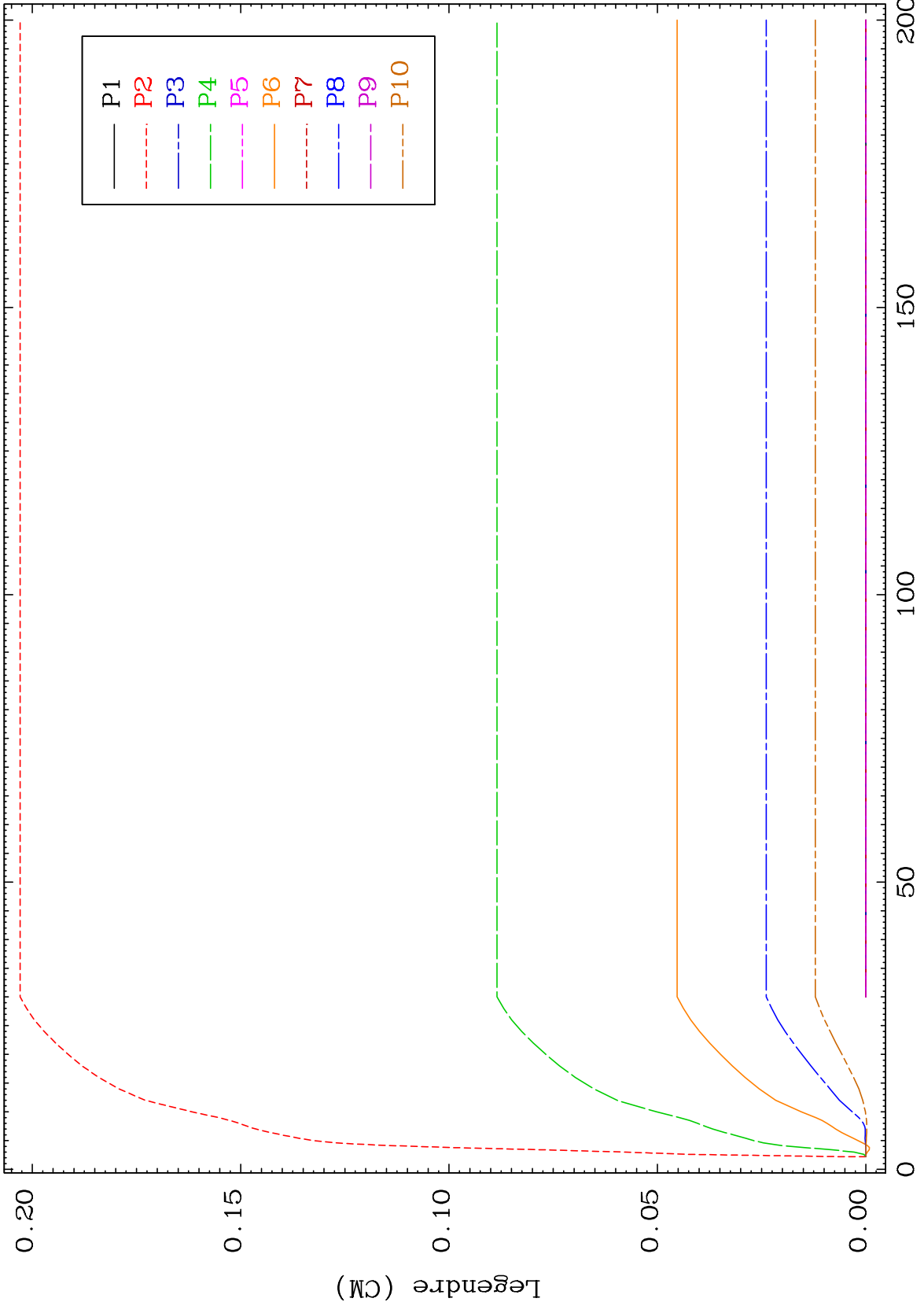
86-Rn-206

MAT 8610 MT= 57 (n,n') Level Legendre Coefficients 86-Rn-206



43 Incident Energy (MeV) 86-Rn-206

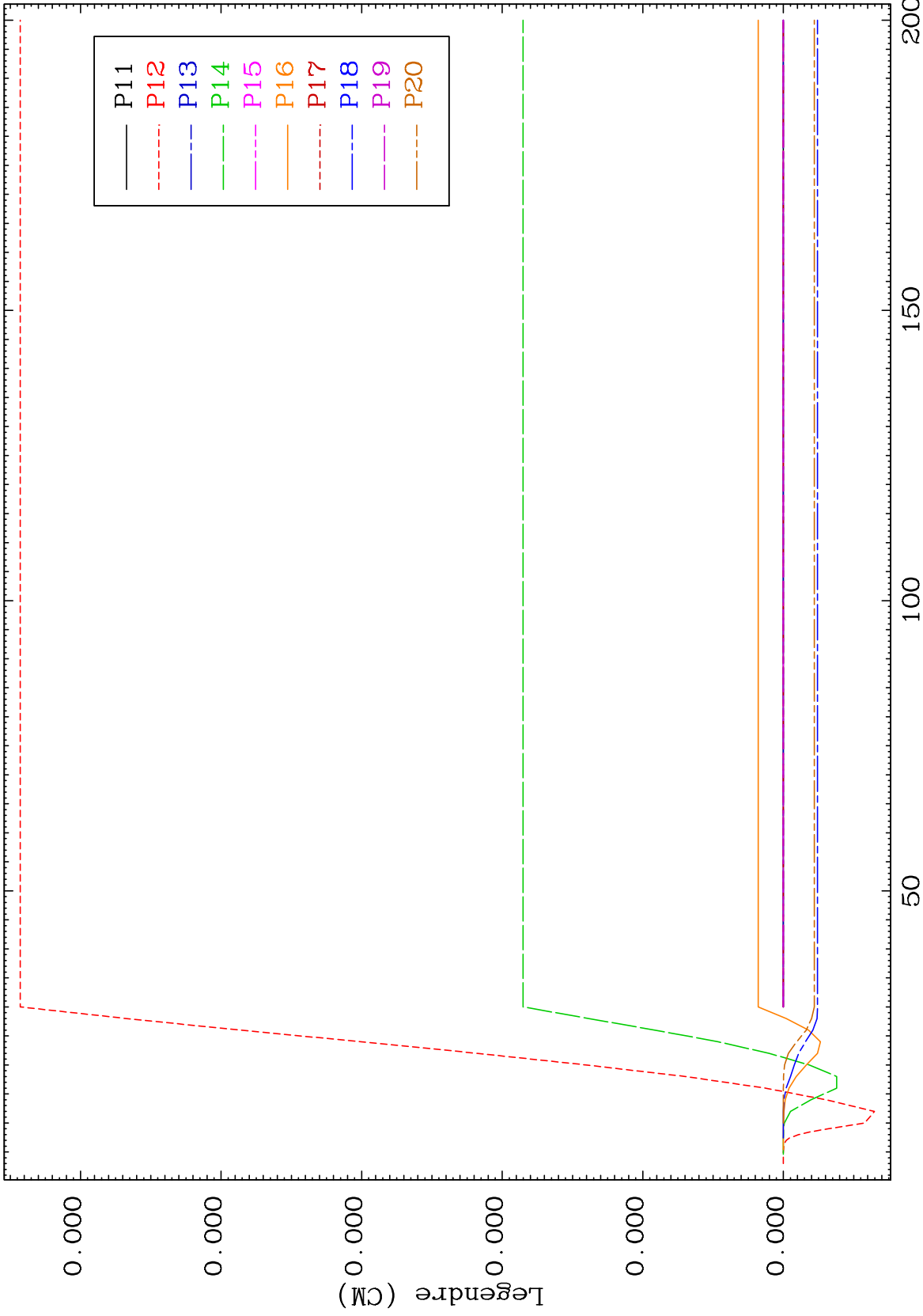
MAT 8610 MT= 58 (n,n') Level Legendre Coefficients 86-Rn-206



MAT 8610

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

86-Rn-206

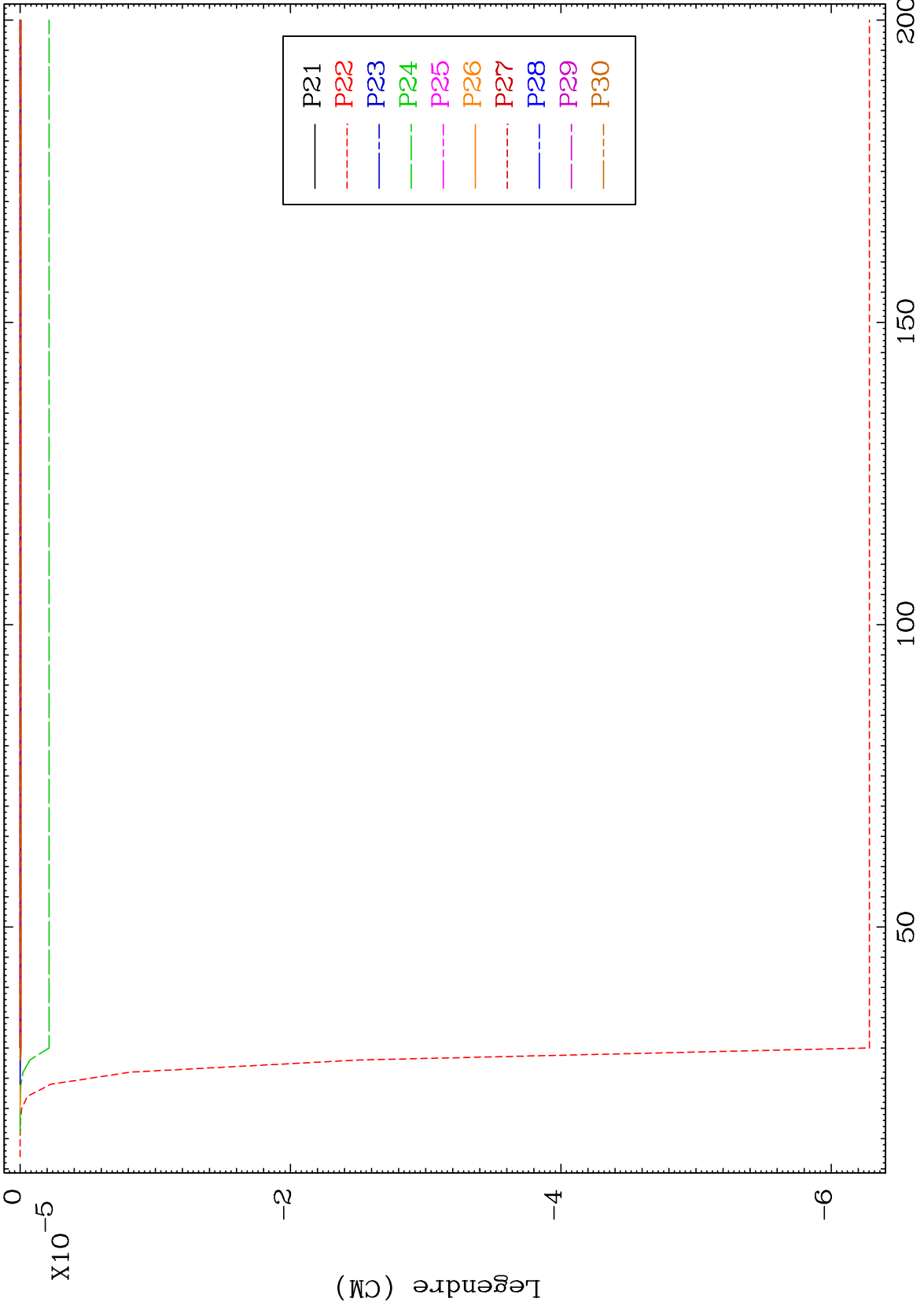


45

Incident Energy (MeV)

86-Rn-206

MAT 8610 MT= 58 (n,n') Level Legendre Coefficients 86-Rn-206

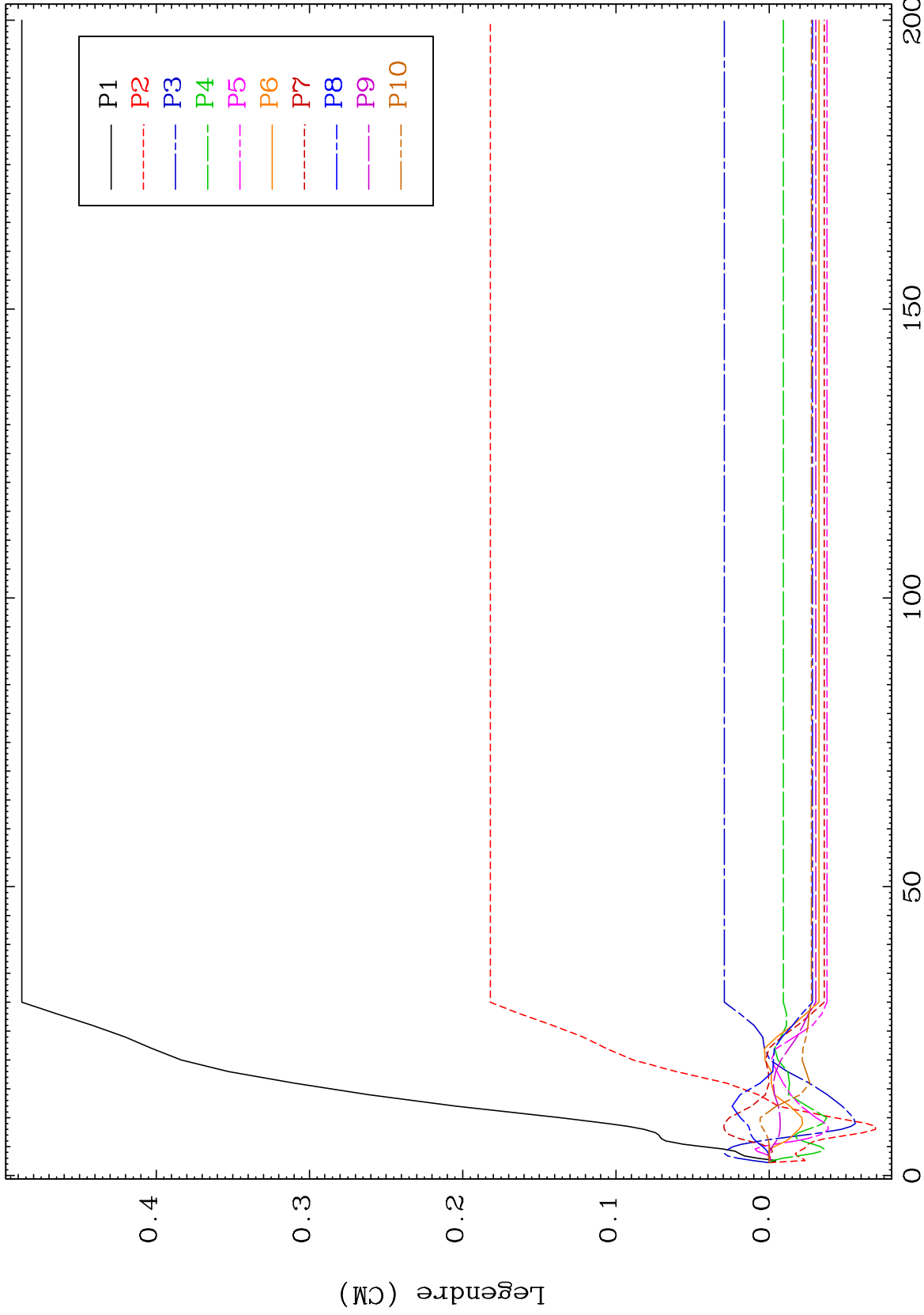


46 Incident Energy (MeV) 86-Rn-206

MAT 8610

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

86-Rn-206



47

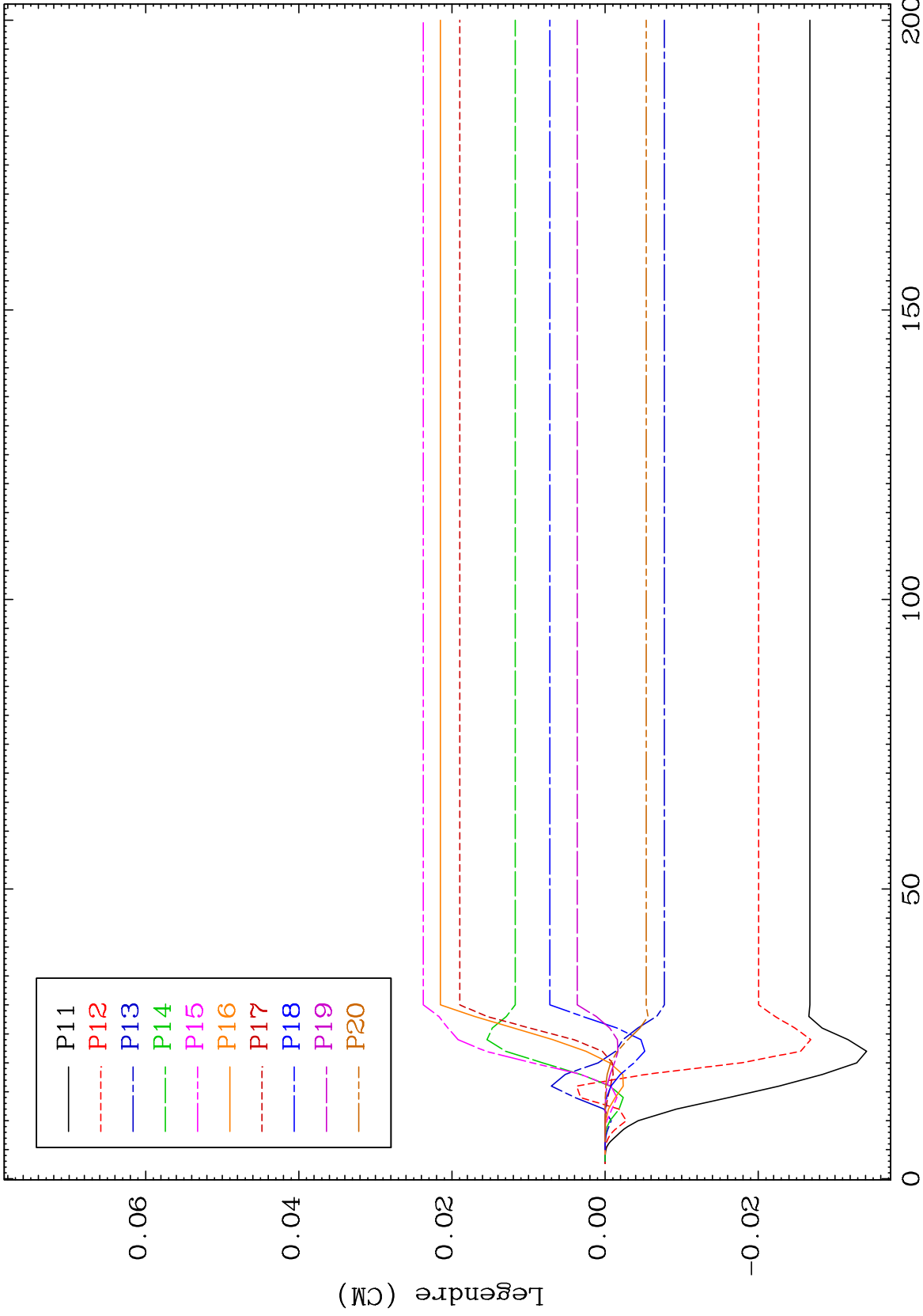
Incident Energy (MeV)

86-Rn-206

MAT 8610

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

86-Rn-206



48

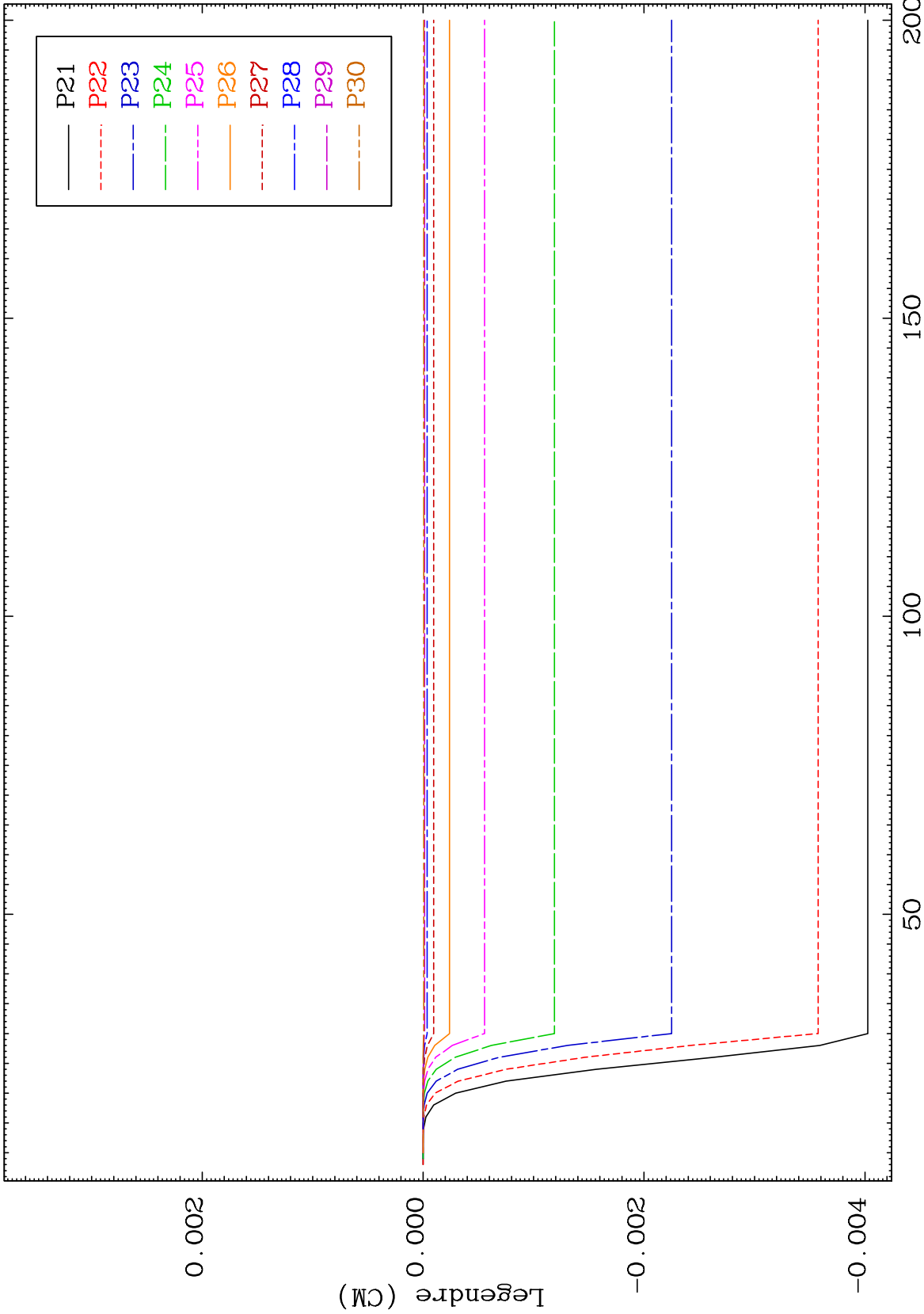
Incident Energy (MeV)

86-Rn-206

MAT 8610

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

86-Rn-206



49

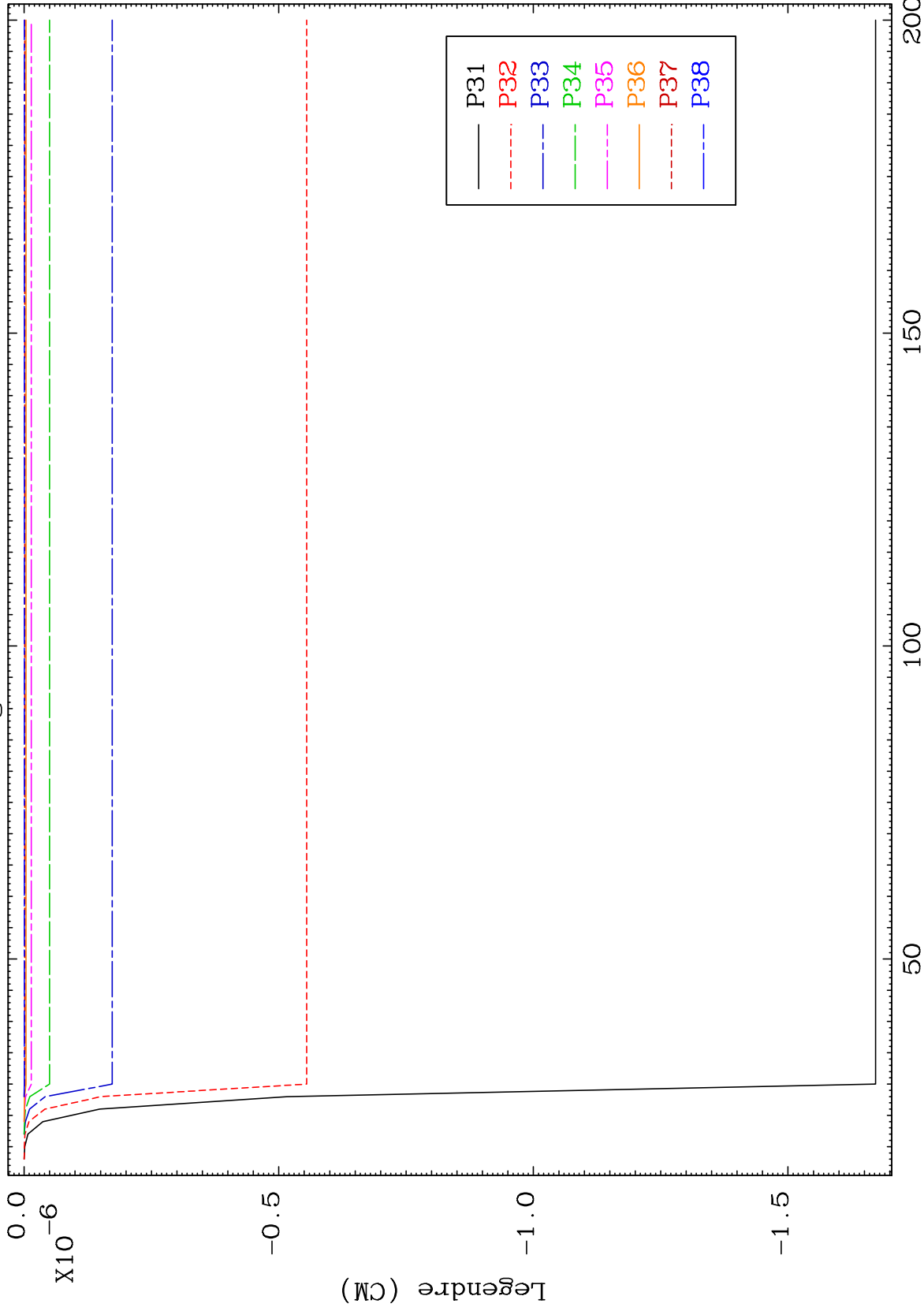
Incident Energy (MeV)

86-Rn-206

MAT 8610

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

86-Rn-206



86-Rn-206

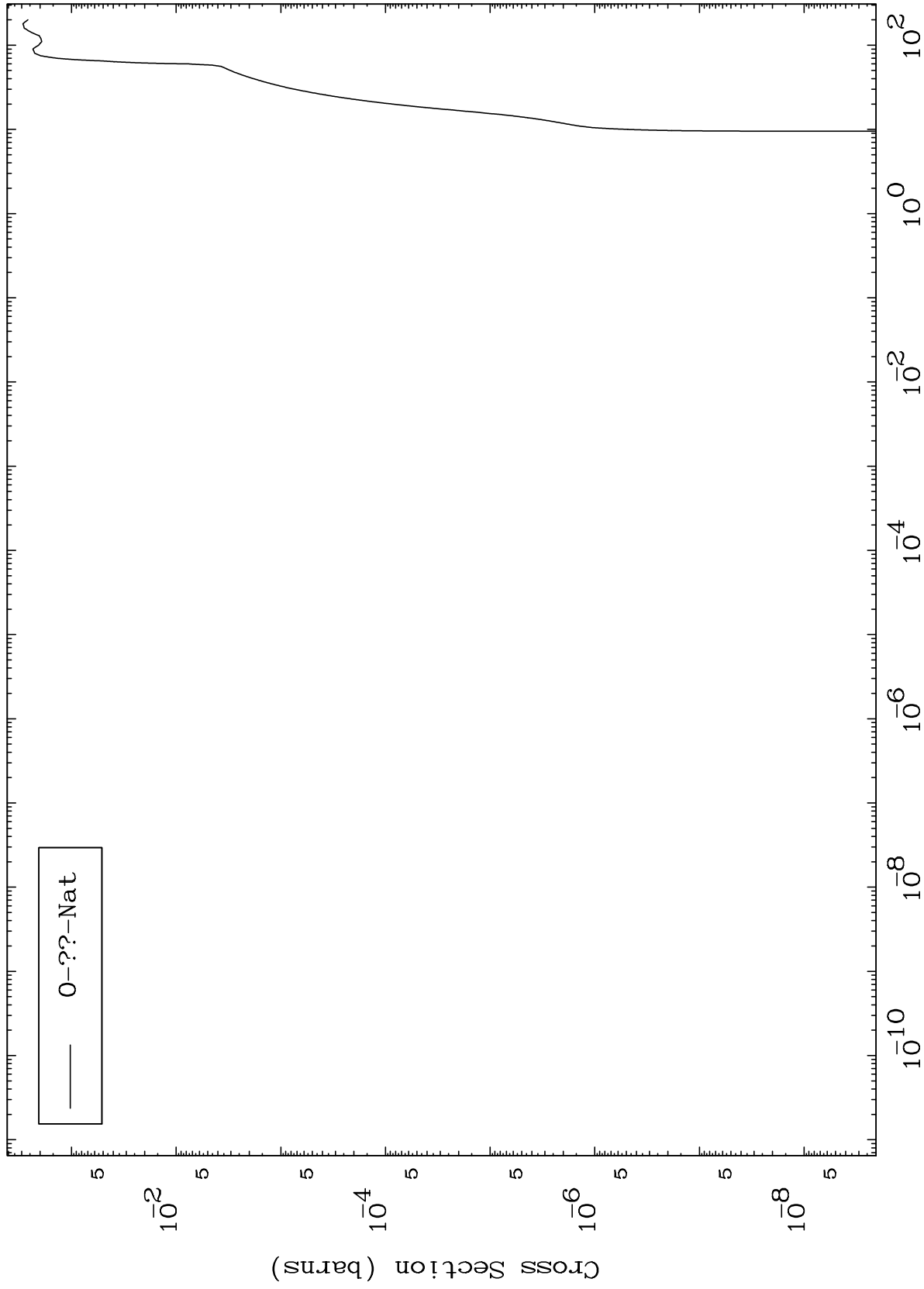
Incident Energy (MeV)

50

MAT 8610

Fission
Radionuclide Production Cross Section

86-Rn-206



51

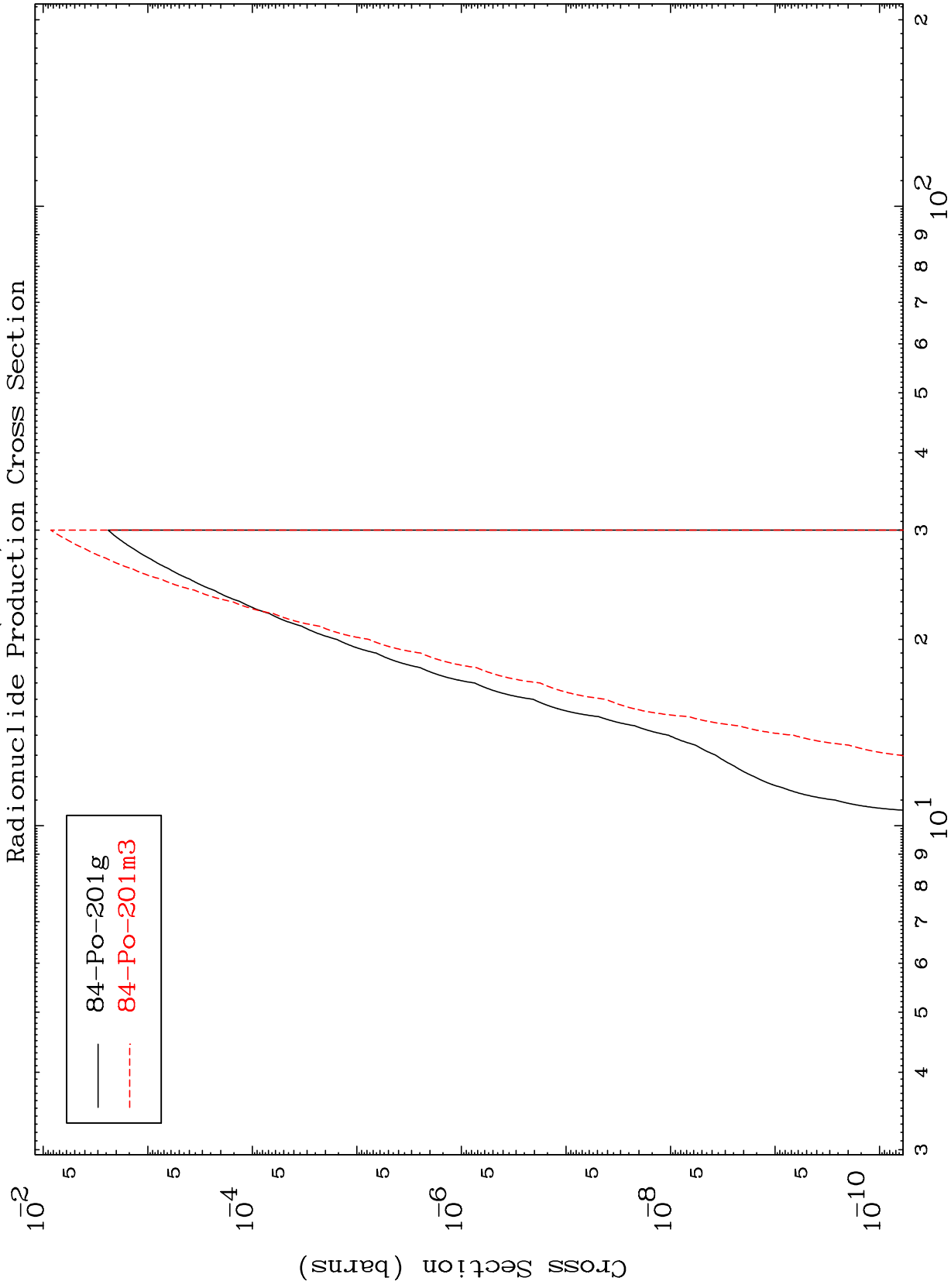
Incident Energy (MeV)

86-Rn-206

MAT 8610

(n,2n) α

86-Rn-206



52

86-Rn-206

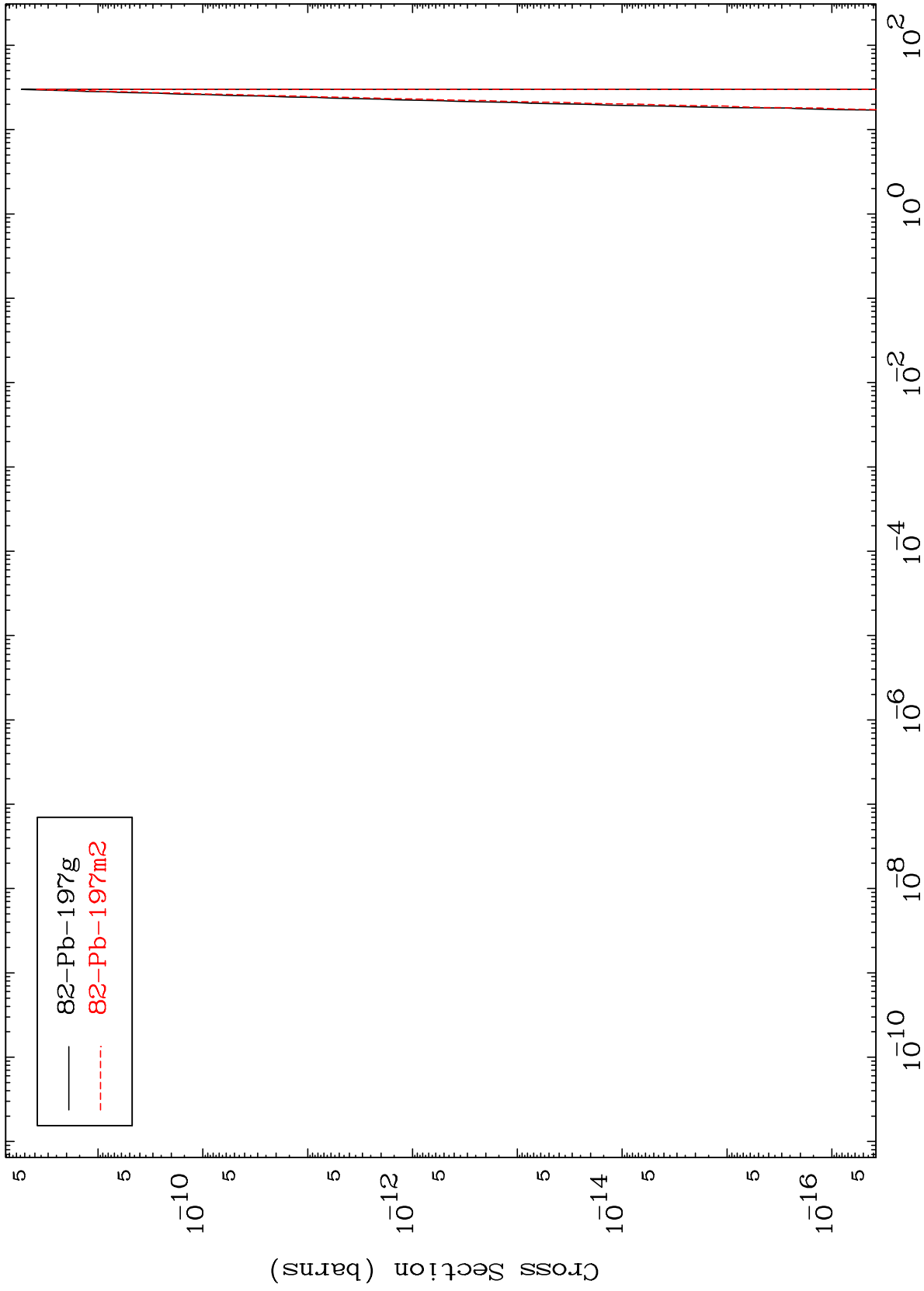
86-Rn-206

MAT 8610

(n,2n) 2 α

86-Rn-206

Radionuclide Production Cross Section



53

Incident Energy (MeV)

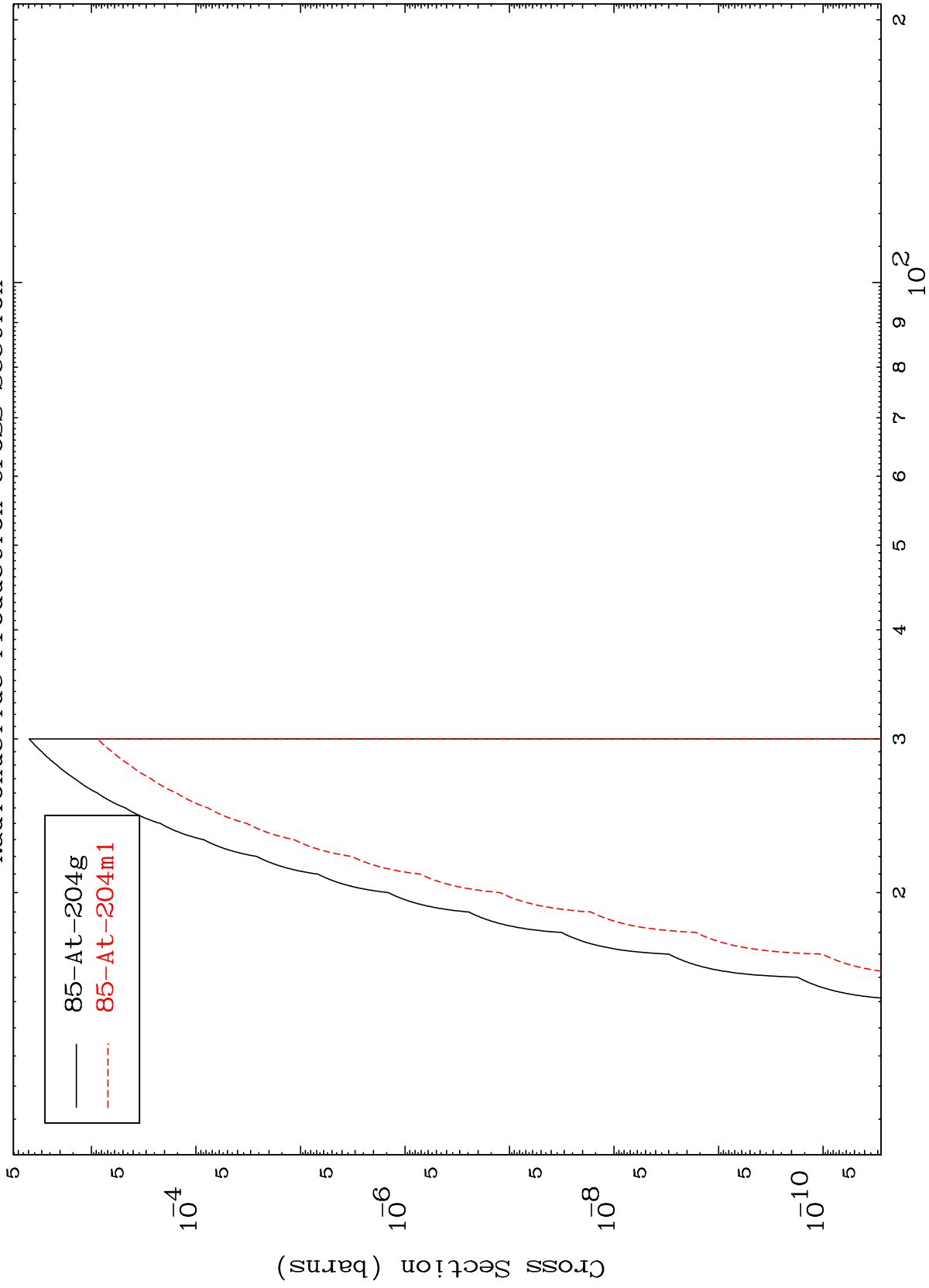
86-Rn-206

MAT 8610

(n,n') d

86-Rn-206

Radionuclide Production Cross Section



54

Incident Energy (MeV)

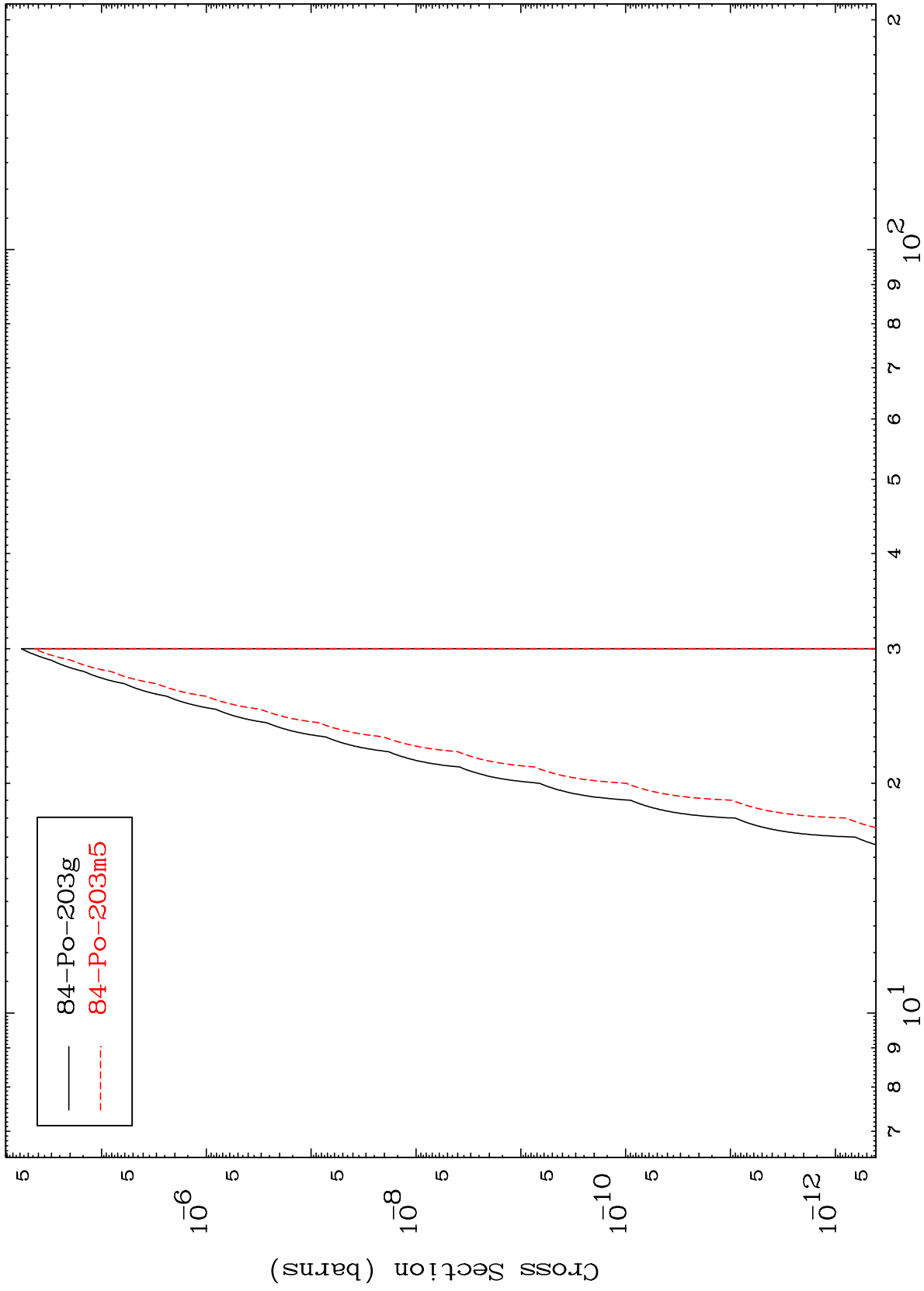
86-Rn-206

MAT 8610

(n, n') He-3

86-Rn-206

Radionuclide Production Cross Section



55

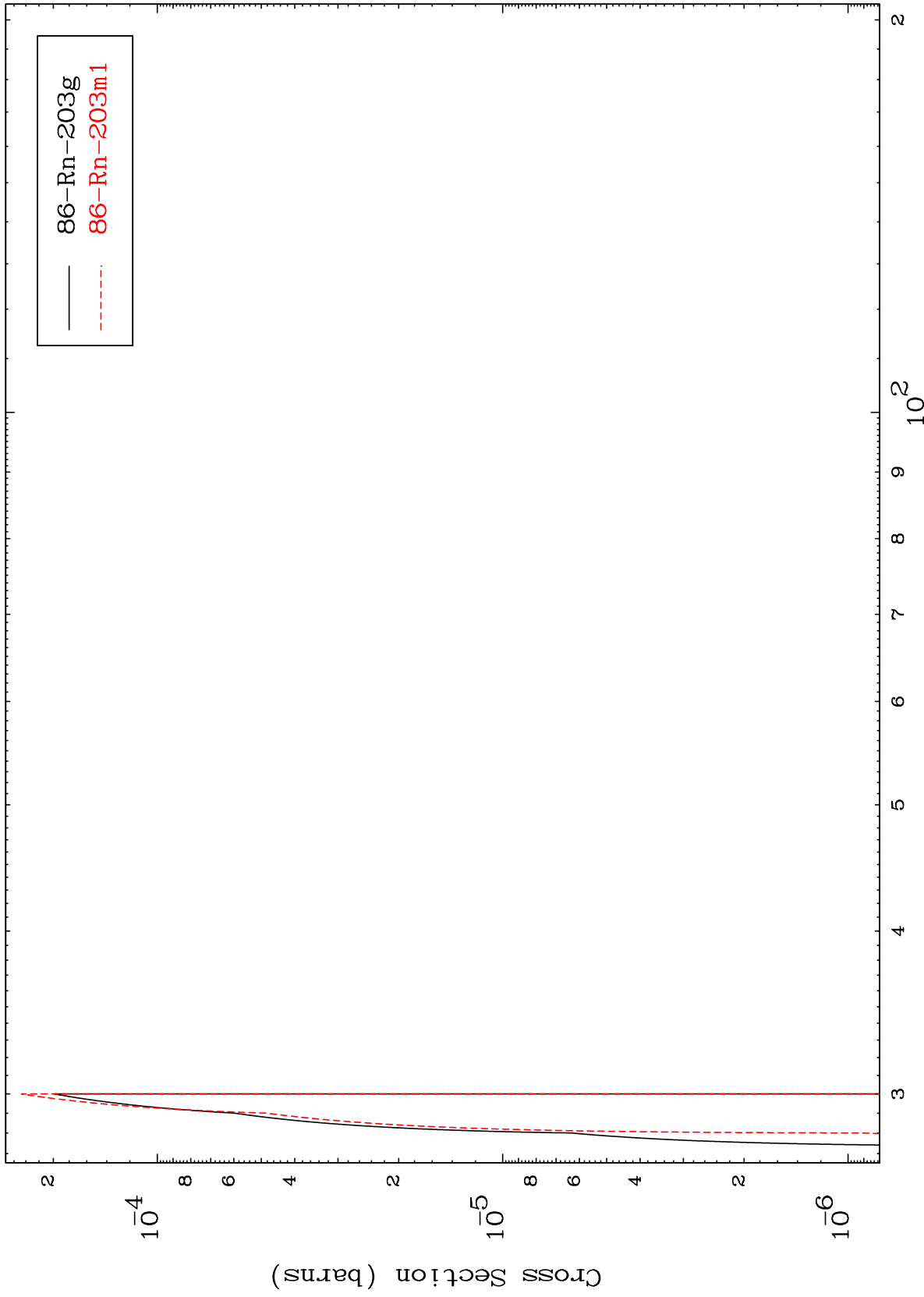
Incident Energy (MeV)

86-Rn-206

MAT 8610

86-Rn-206

(n,4n)
Radionuclide Production Cross Section



56

86-Rn-206

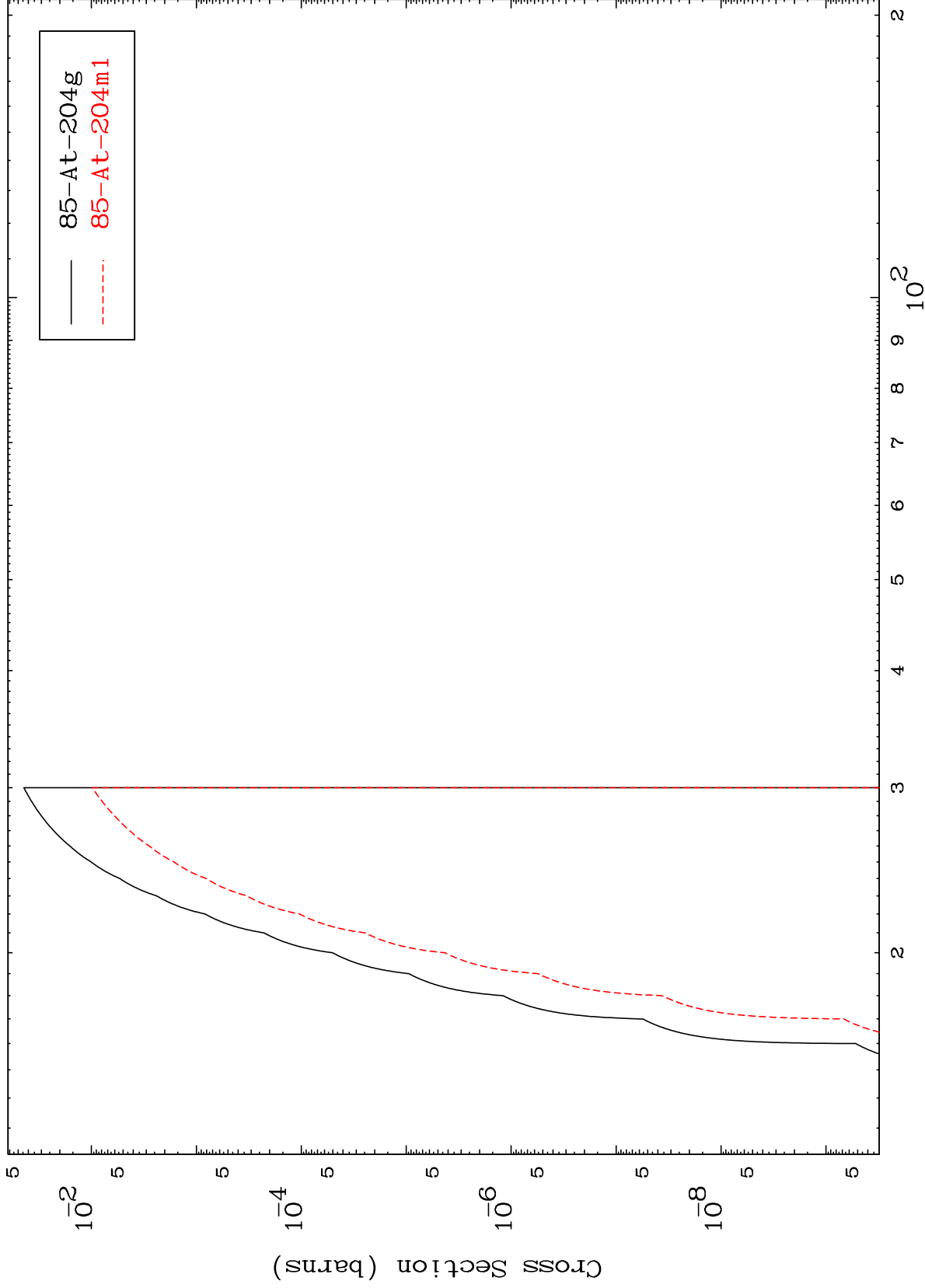
Incident Energy (MeV)

MAT 8610

(n,2n) p

86-Rn-206

Radionuclide Production Cross Section



57

Incident Energy (MeV)

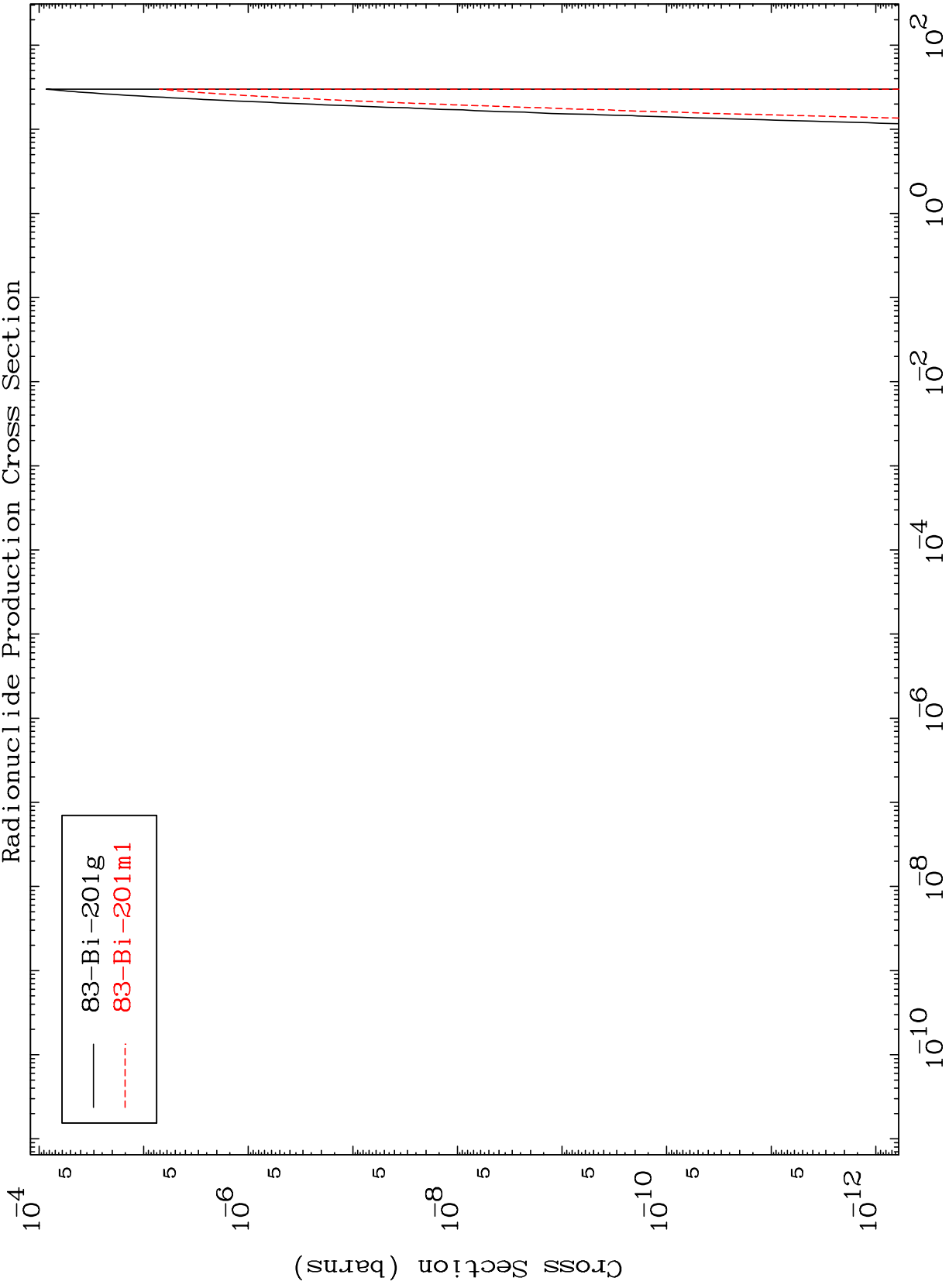
86-Rn-206

MAT 8610

(n,n') p α

86-Rn-206

Radionuclide Production Cross Section



83-Bi-201g
83-Bi-201m1

58

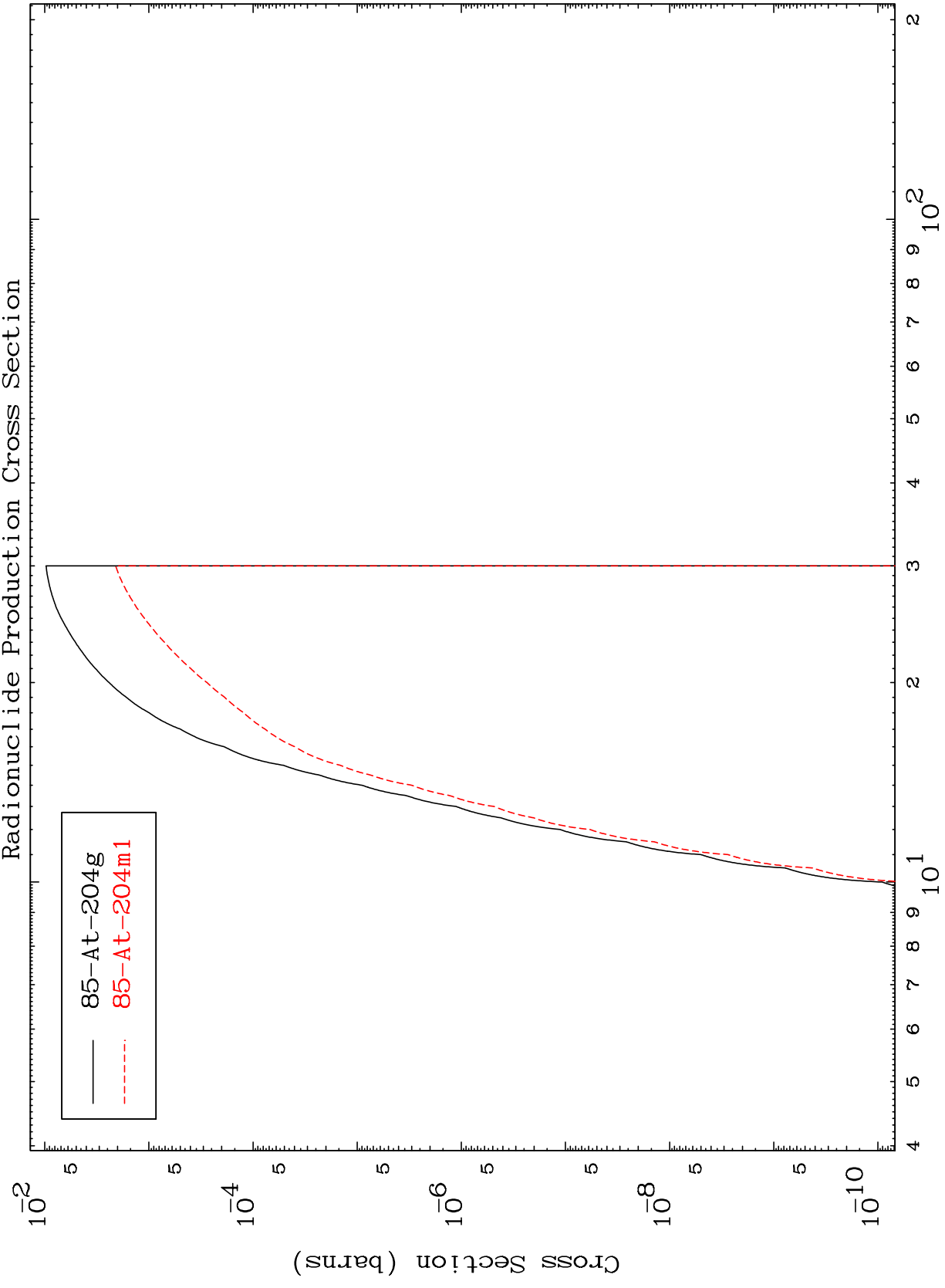
Incident Energy (MeV)

86-Rn-206

MAT 8610

86-Rn-206

Radionuclide Production Cross Section (n, t)



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

59

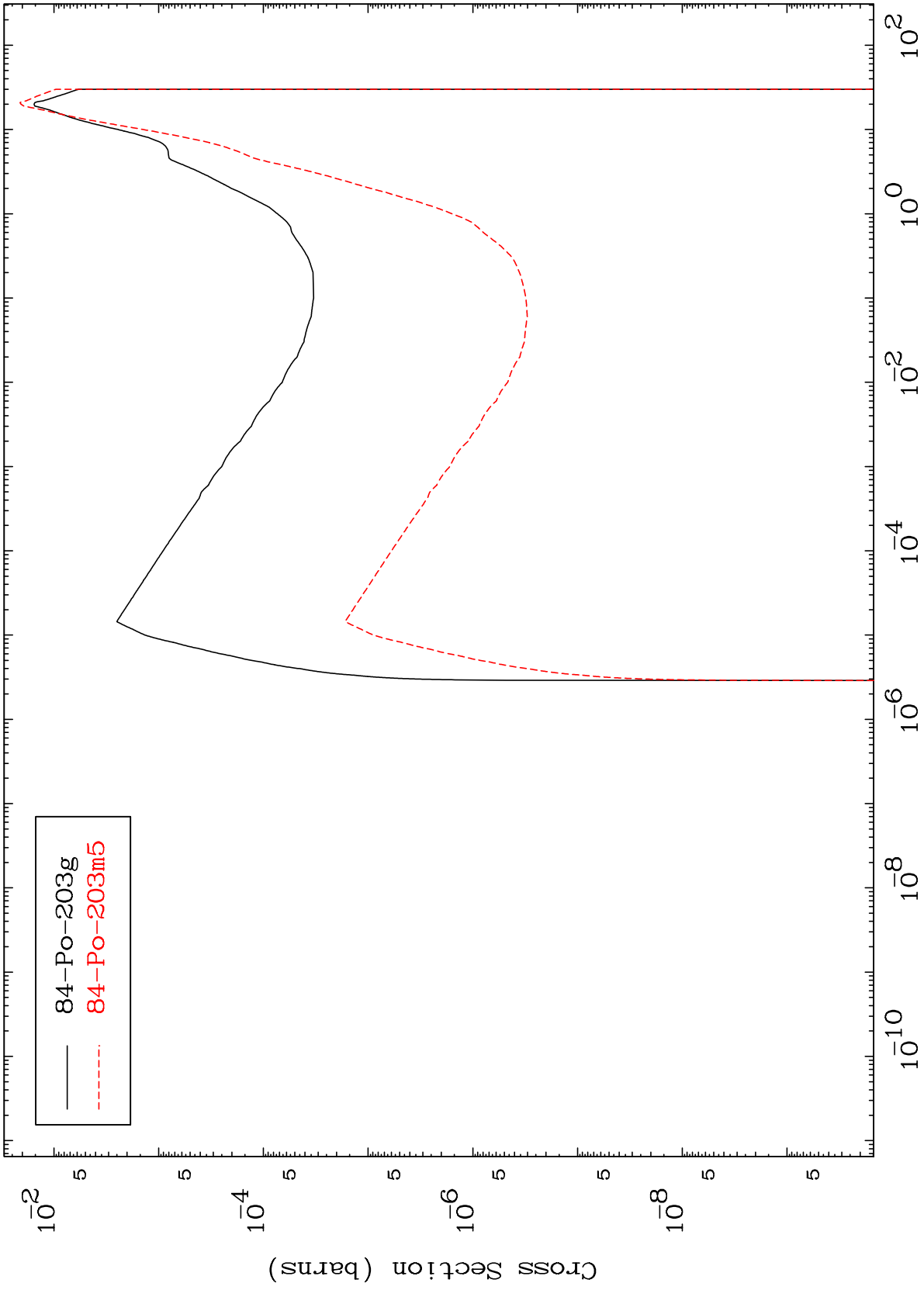
86-Rn-206

Incident Energy (MeV)

MAT 8610

Radionuclide Production Cross Section
(n, α)

86-Rn-206



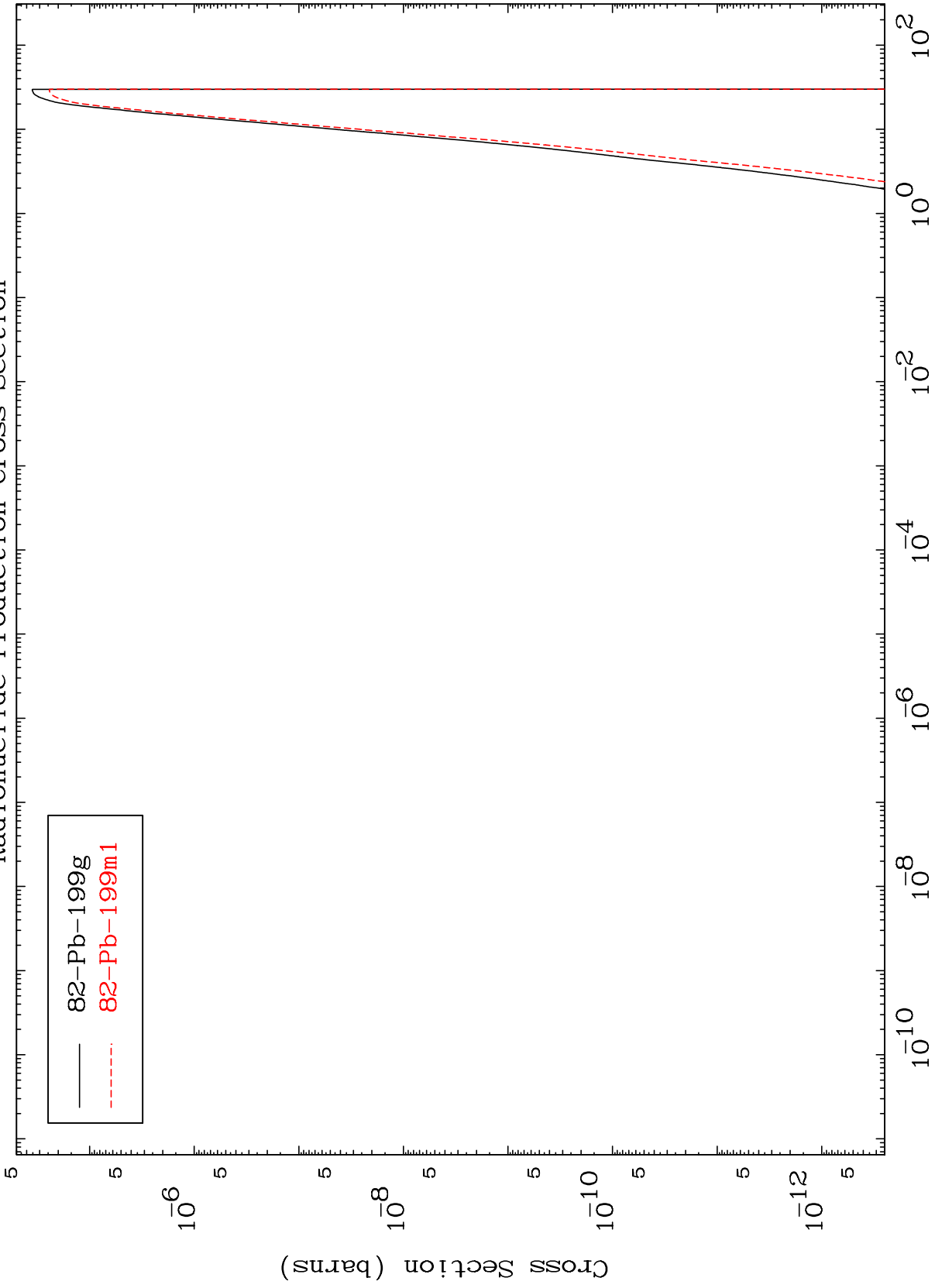
60

86-Rn-206

MAT 8610

Radionuclide Production Cross Section
(n,2α)

86-Rn-206



61

Incident Energy (MeV)

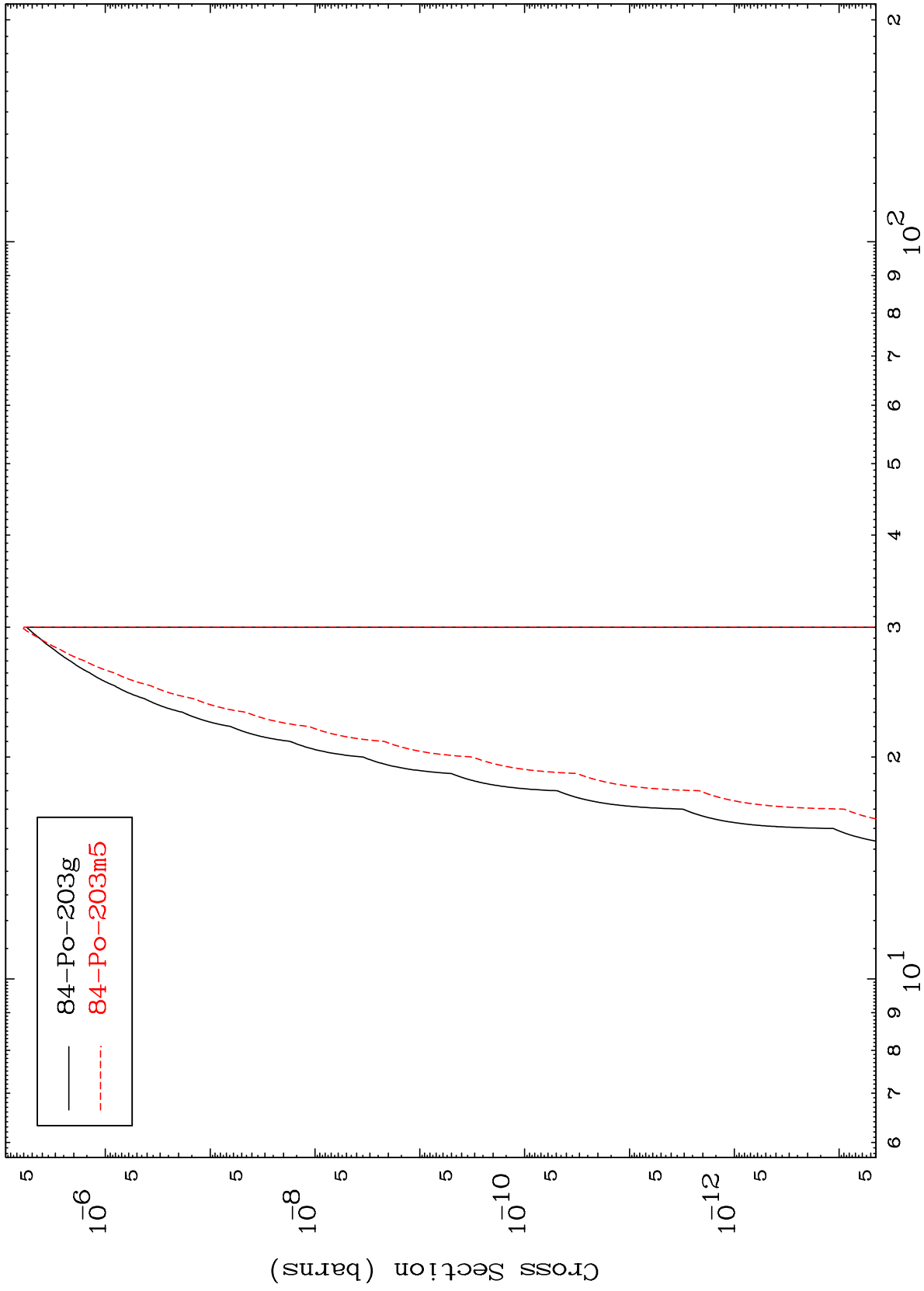
86-Rn-206

MAT 8610

(n,p) t

86-Rn-206

Radionuclide Production Cross Section



62

Incident Energy (MeV)

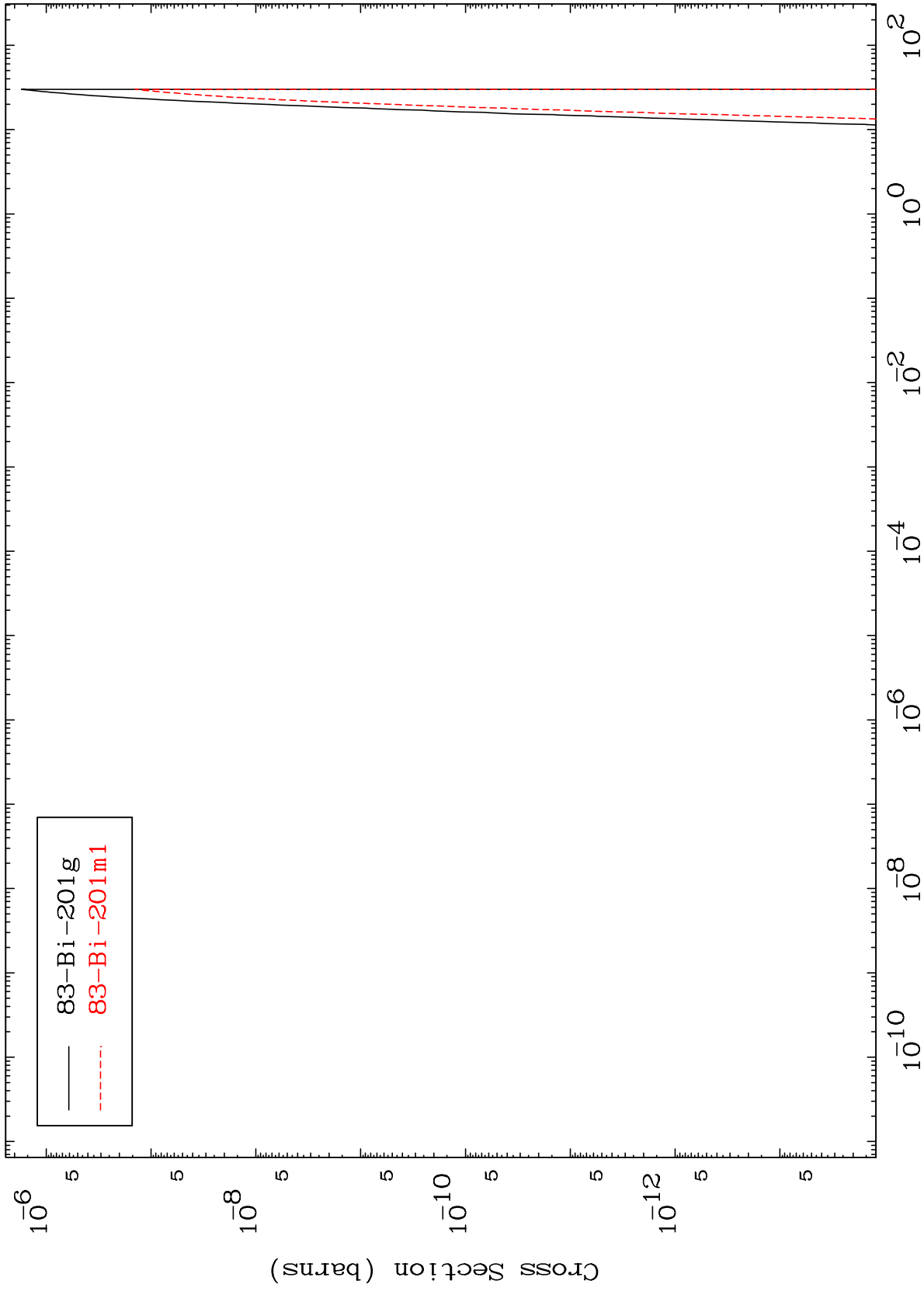
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(n,d) α

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Radionuclide Production Cross Section



63

Incident Energy (MeV)

86-Rn-206