

Program EVALPLOT
(Version 2018-1)

by

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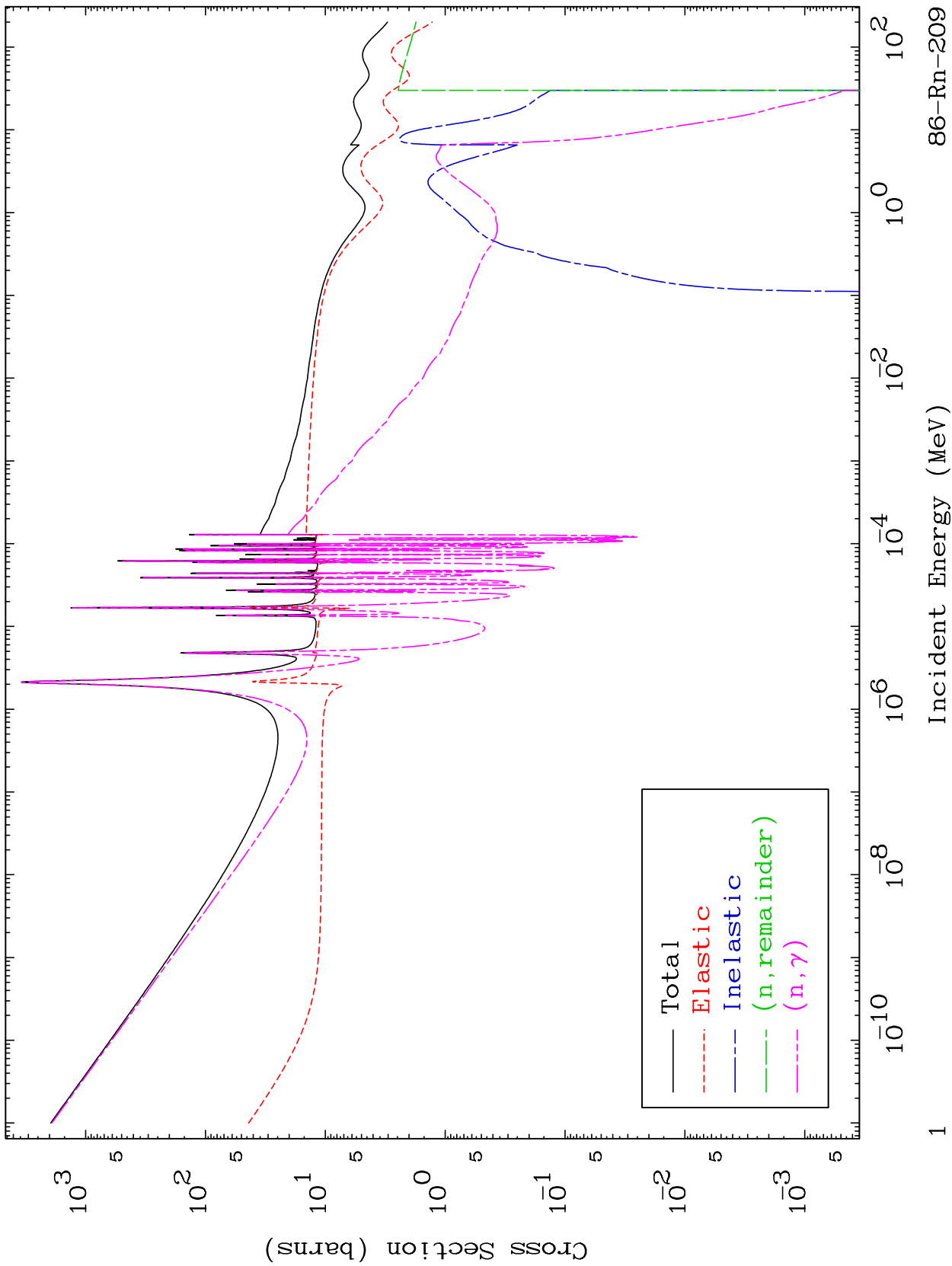
Press Mouse Button to Start

MAT 8619

Major

293 Kelvin Cross Sections

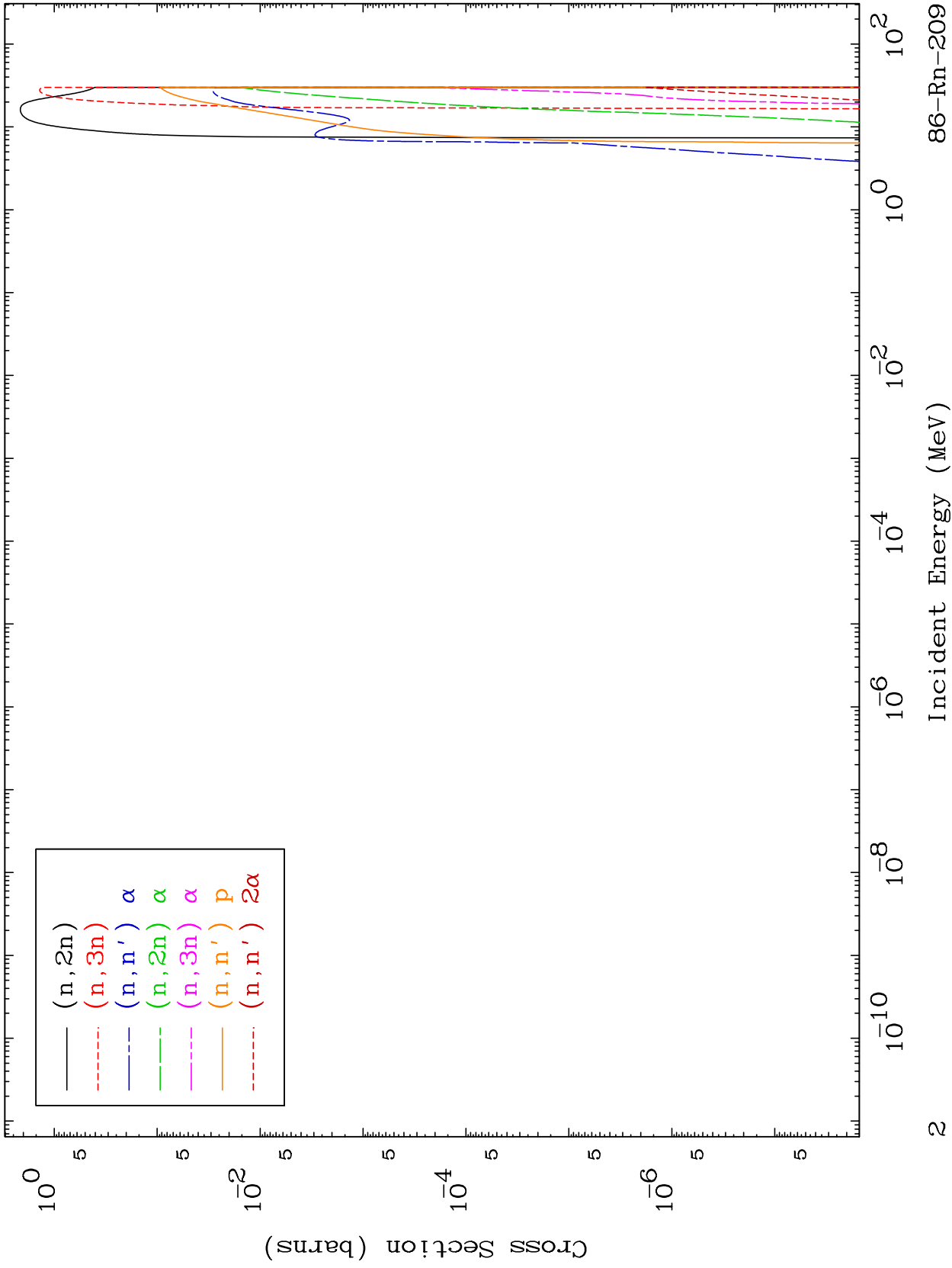
86-Rn-209



MAT 8619

Neutron Production
293 Kelvin Cross Sections

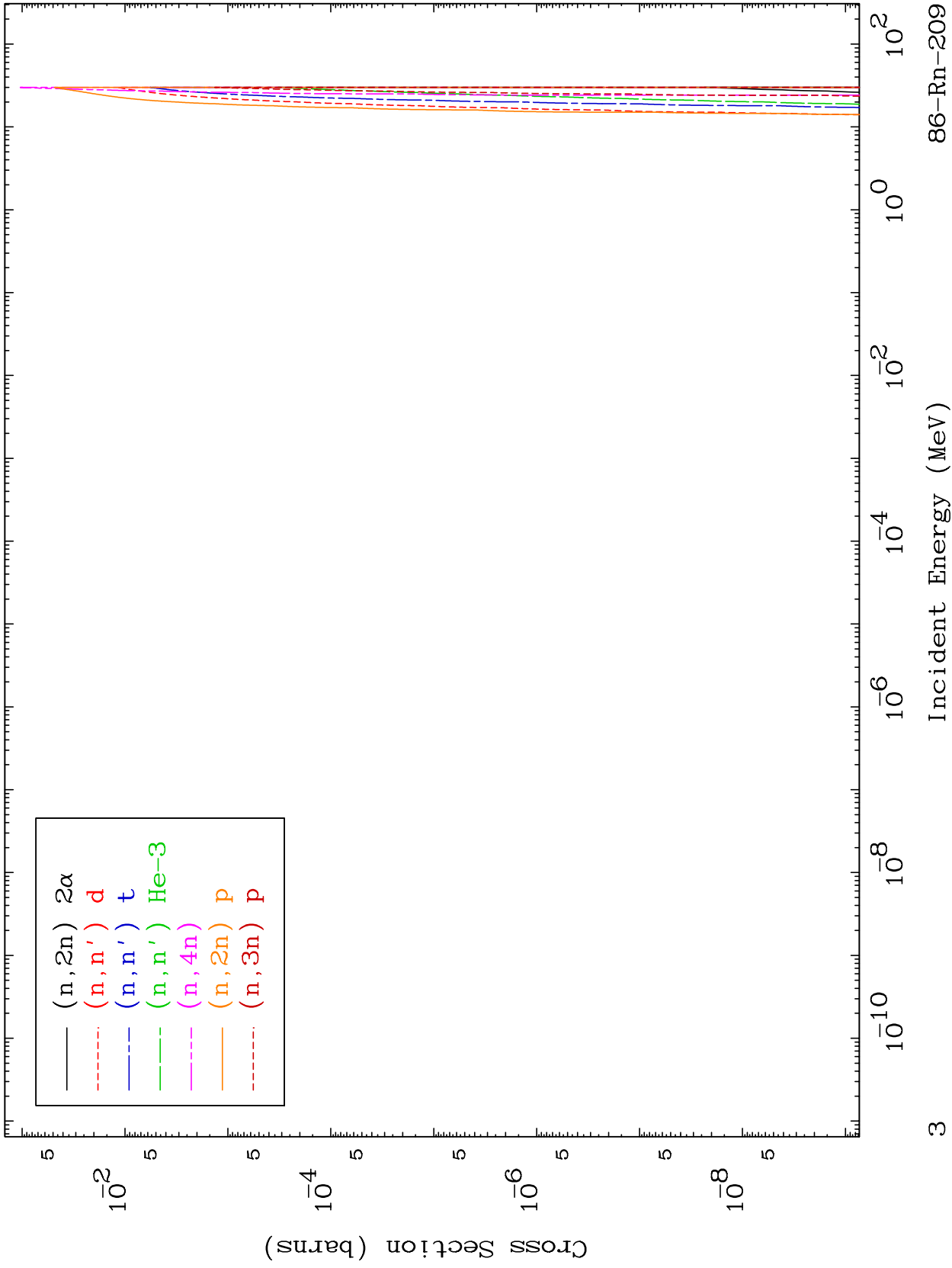
86-Rn-209



MAT 8619

Neutron Production
293 Kelvin Cross Sections

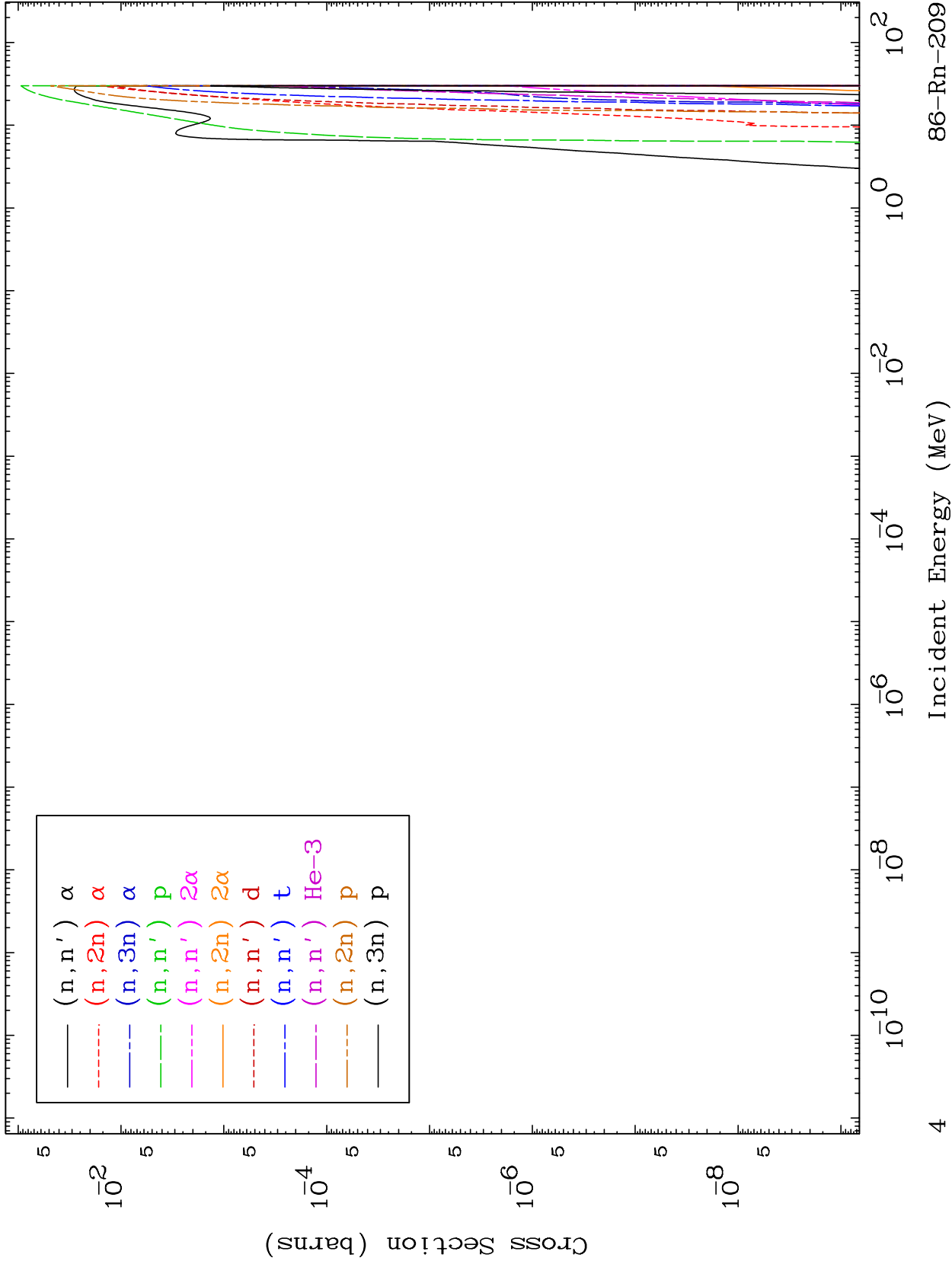
86-Rn-209



MAT 8619

Charged Particle
293 Kelvin Cross Sections

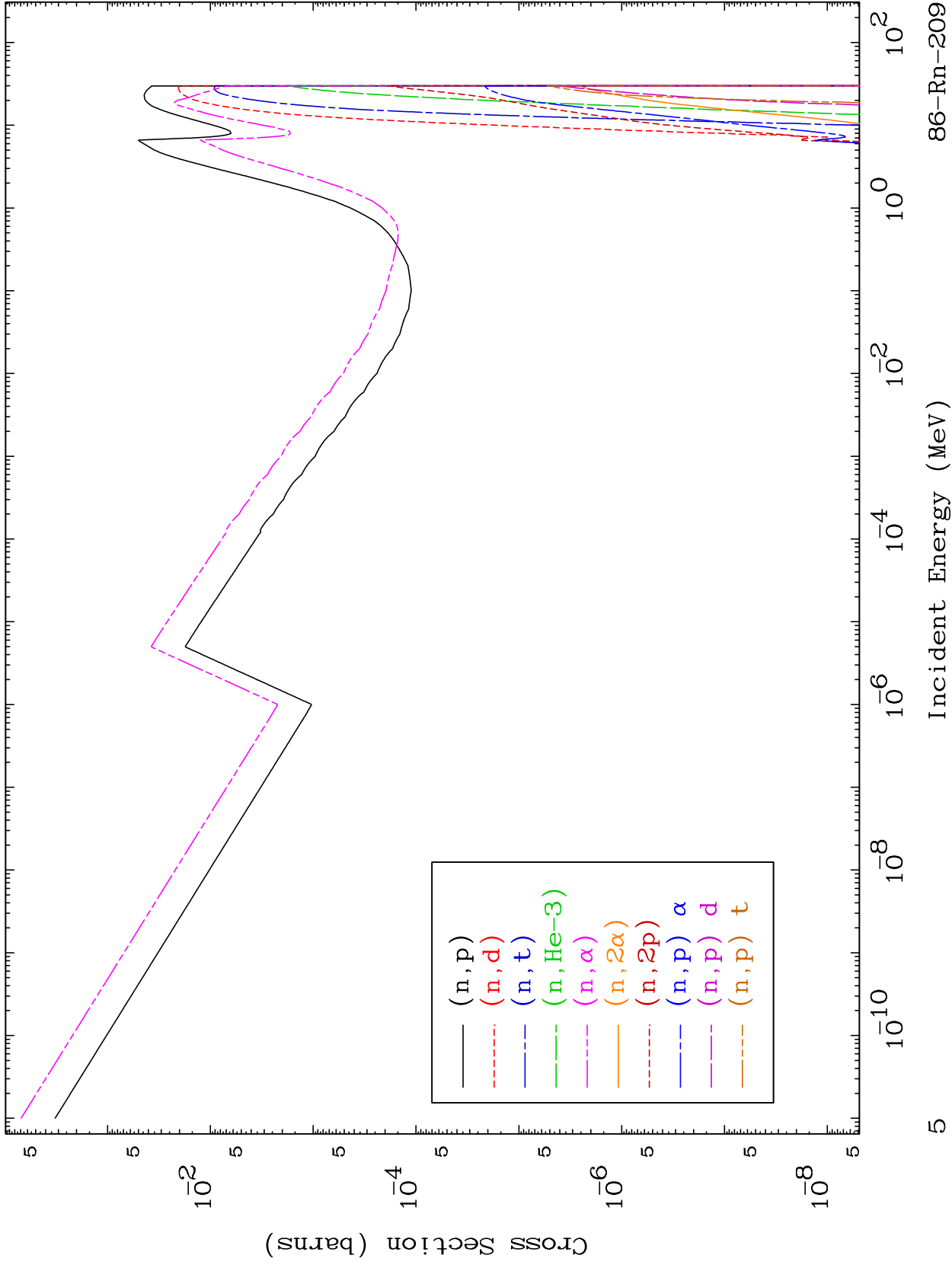
86-Rn-209



MAT 8619

Charged Particle
293 Kelvin Cross Sections

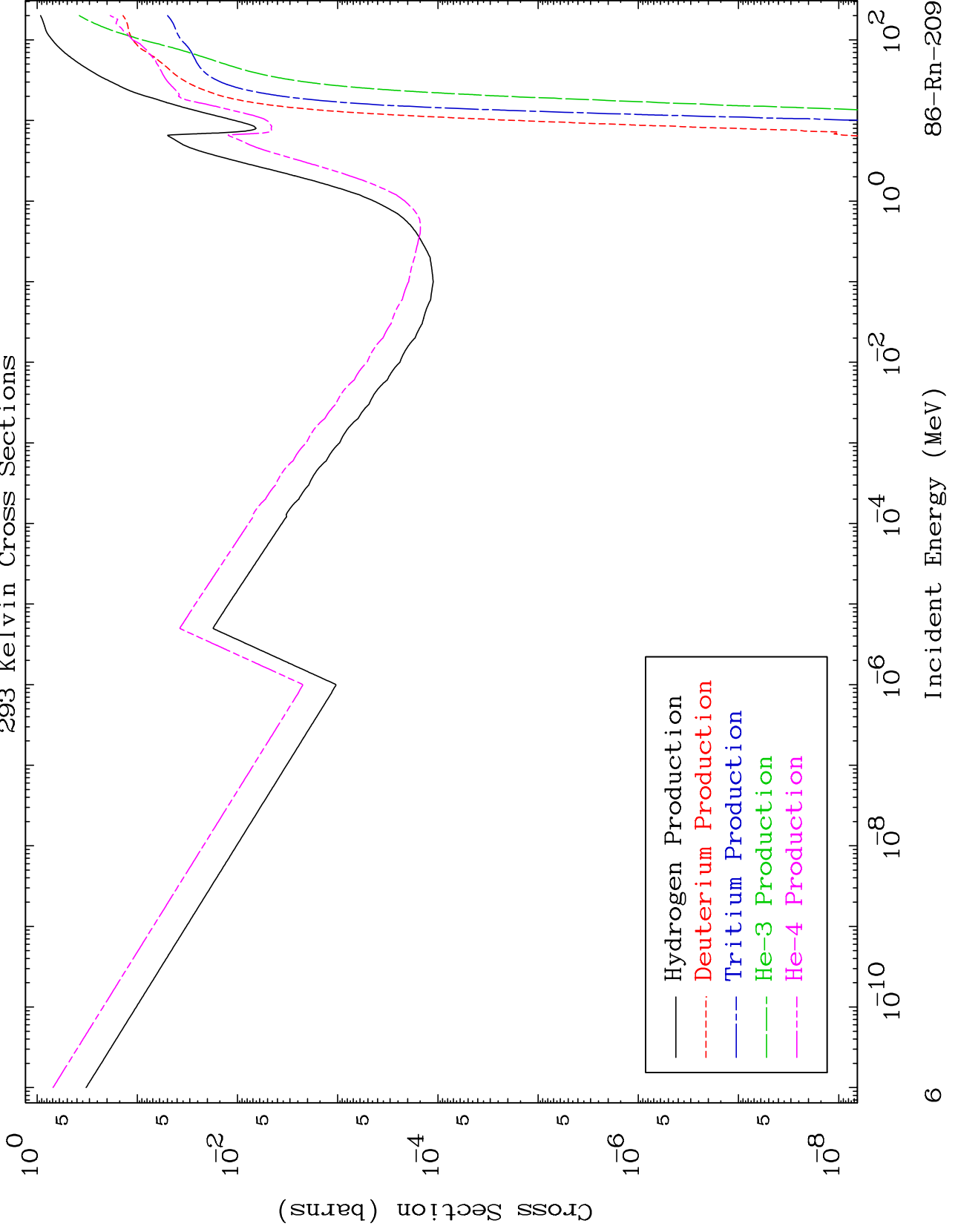
86-Rn-209



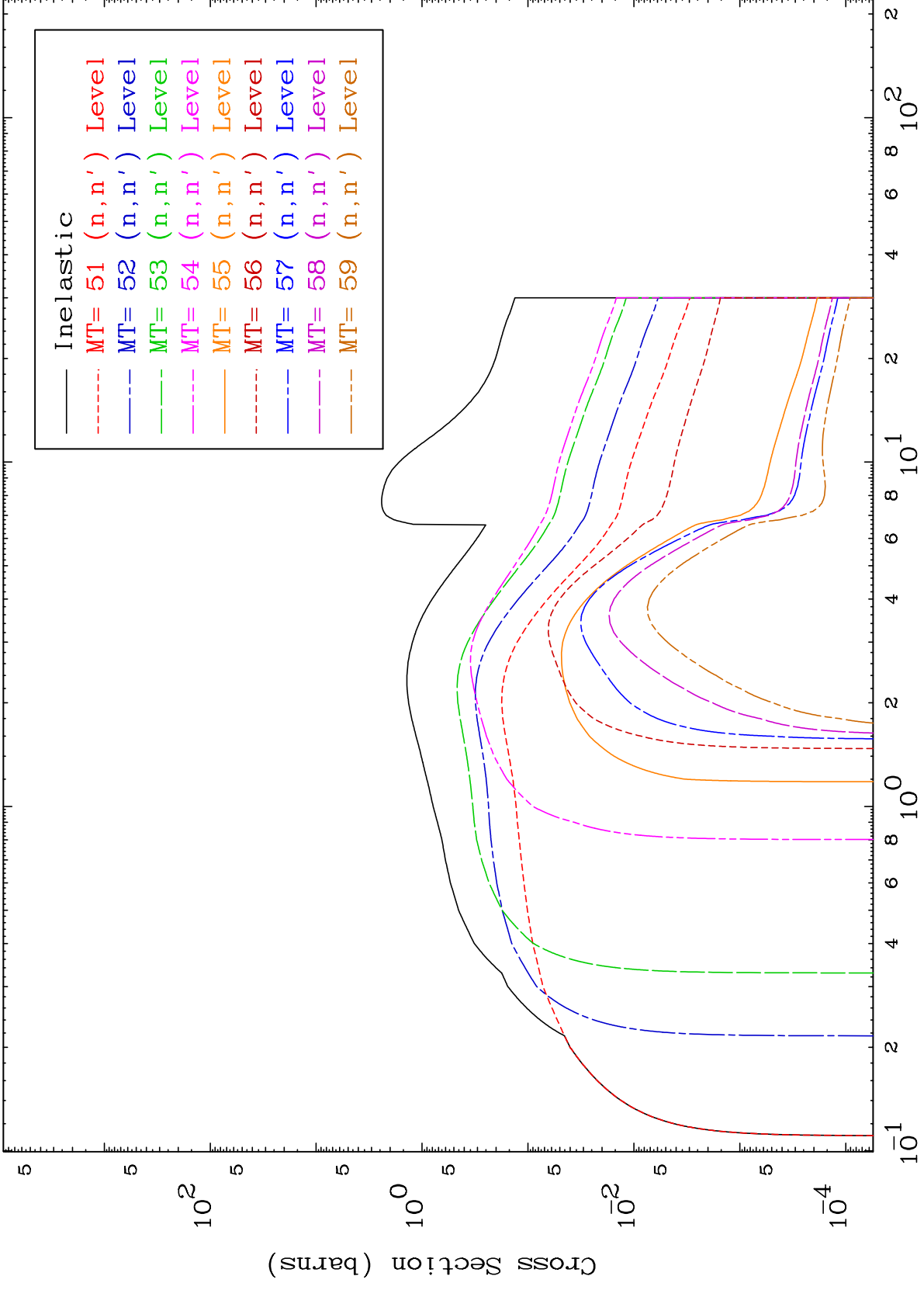
MAT 8619

Particle Production
293 Kelvin Cross Sections

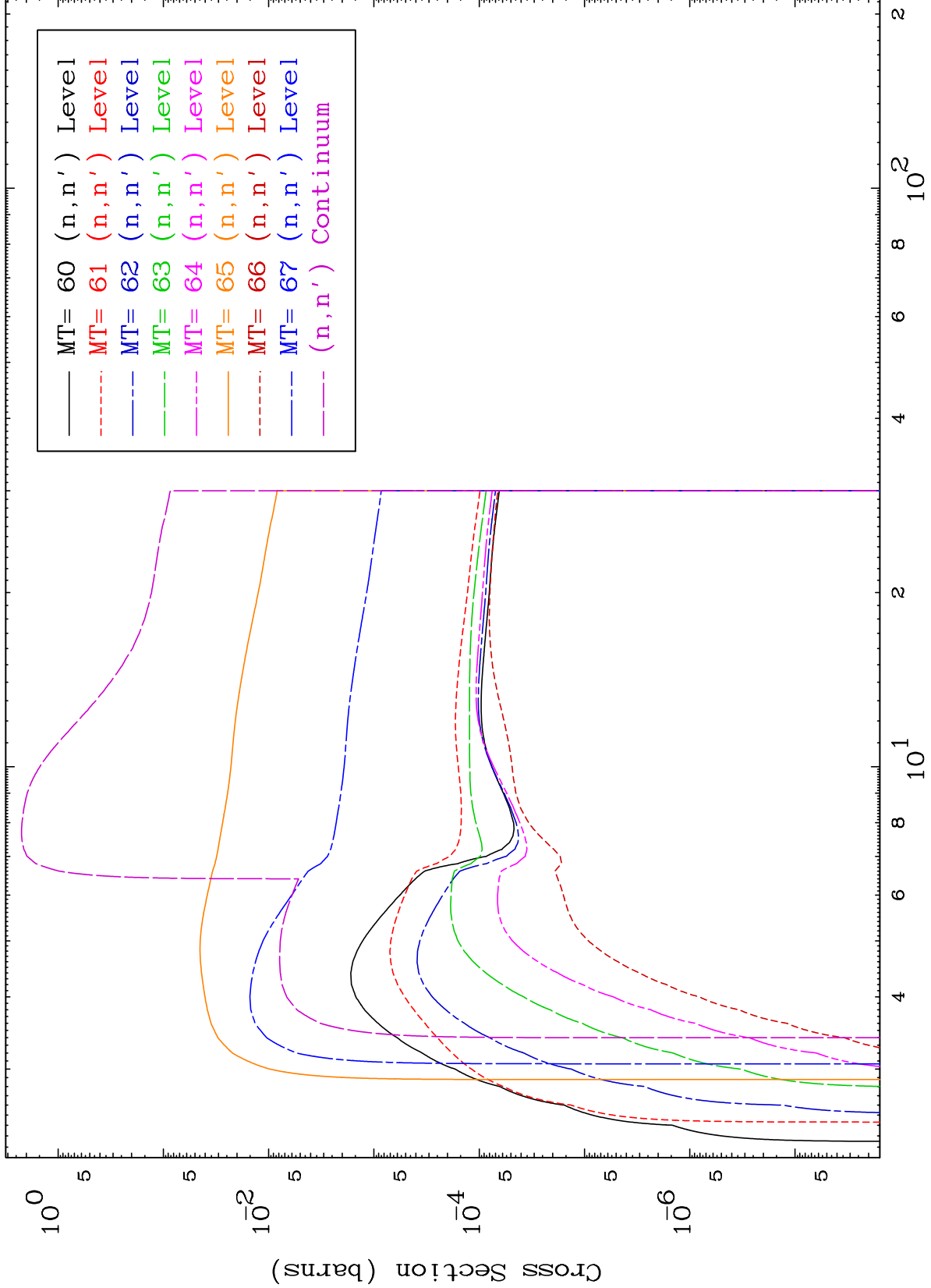
86-Rn-209



293 Kelvin Cross Sections



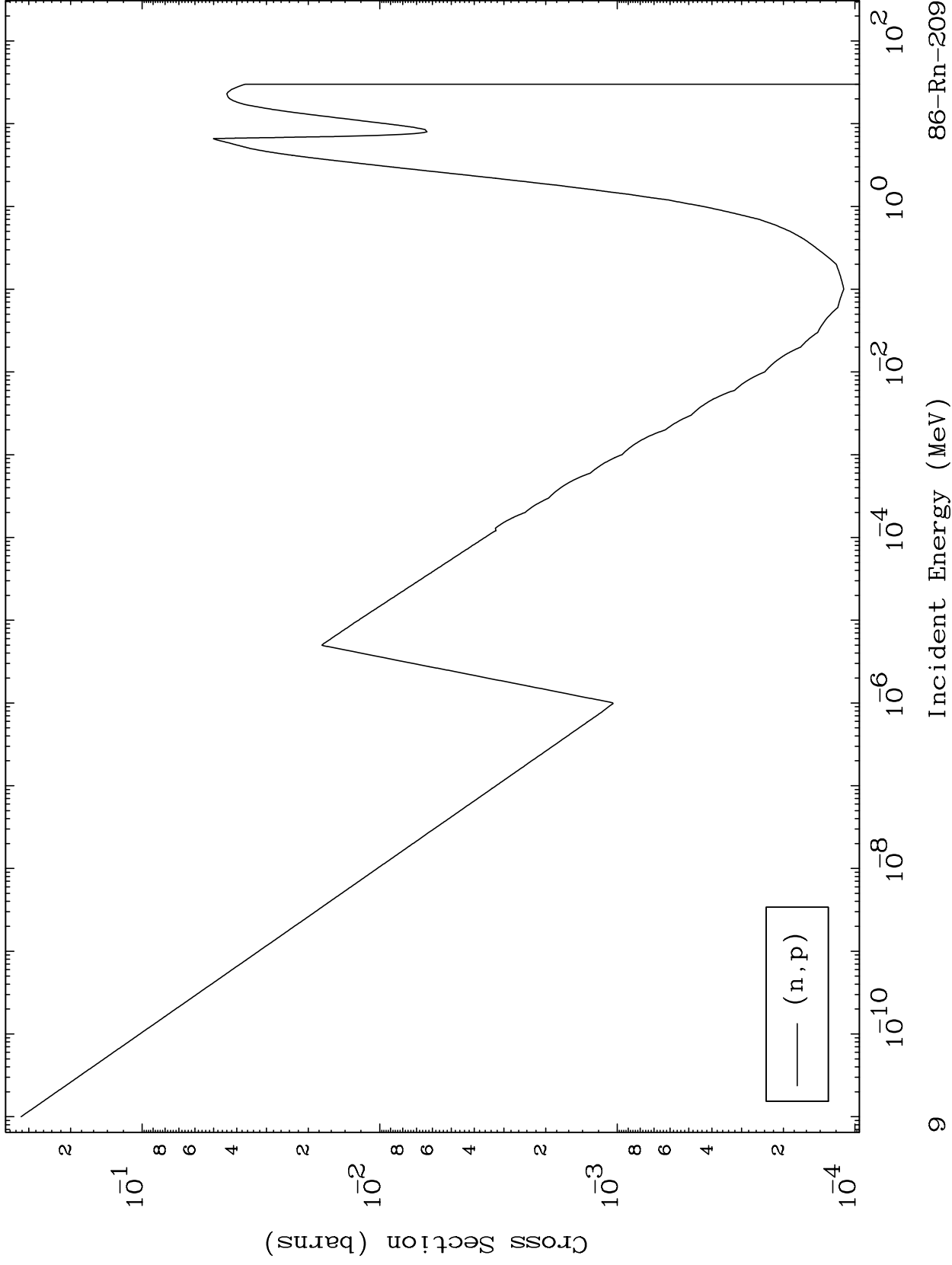
293 Kelvin Cross Sections



MAT 8619

(n,p) Levels
293 Kelvin Cross Sections

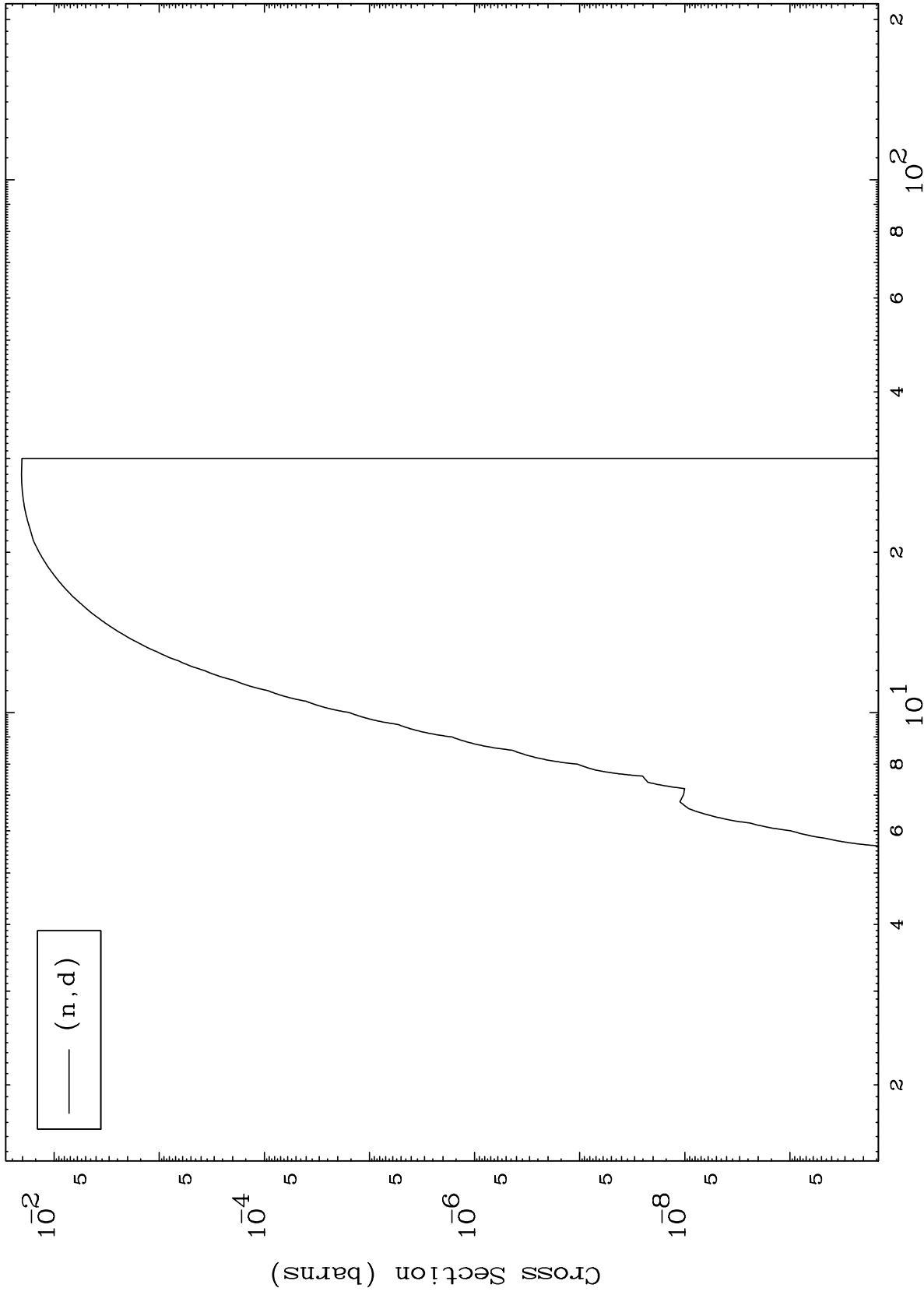
86-Rn-209



MAT 8619

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-209



10

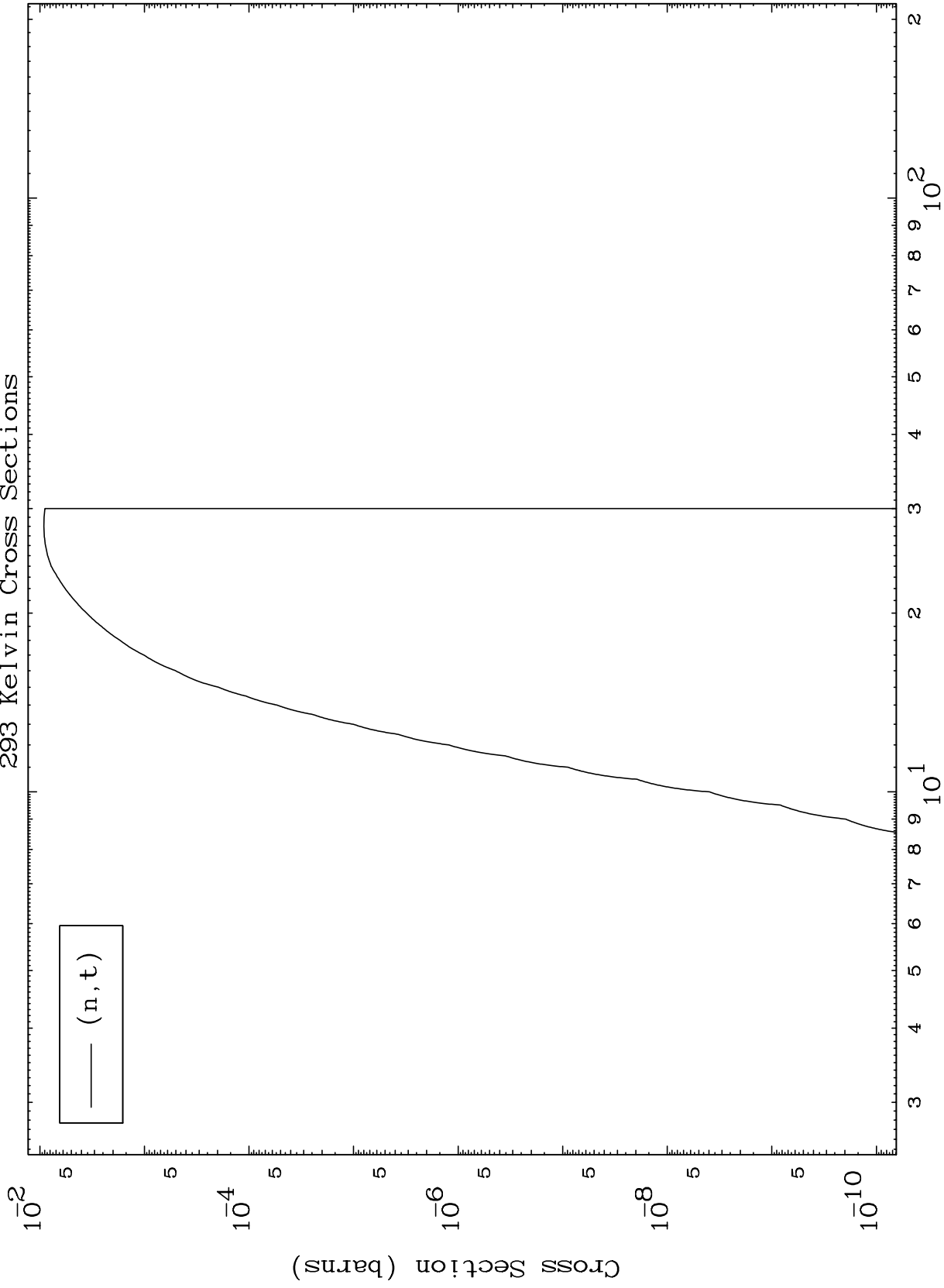
Incident Energy (MeV)

86-Rn-209

MAT 8619

(n,t) Levels
293 Kelvin Cross Sections

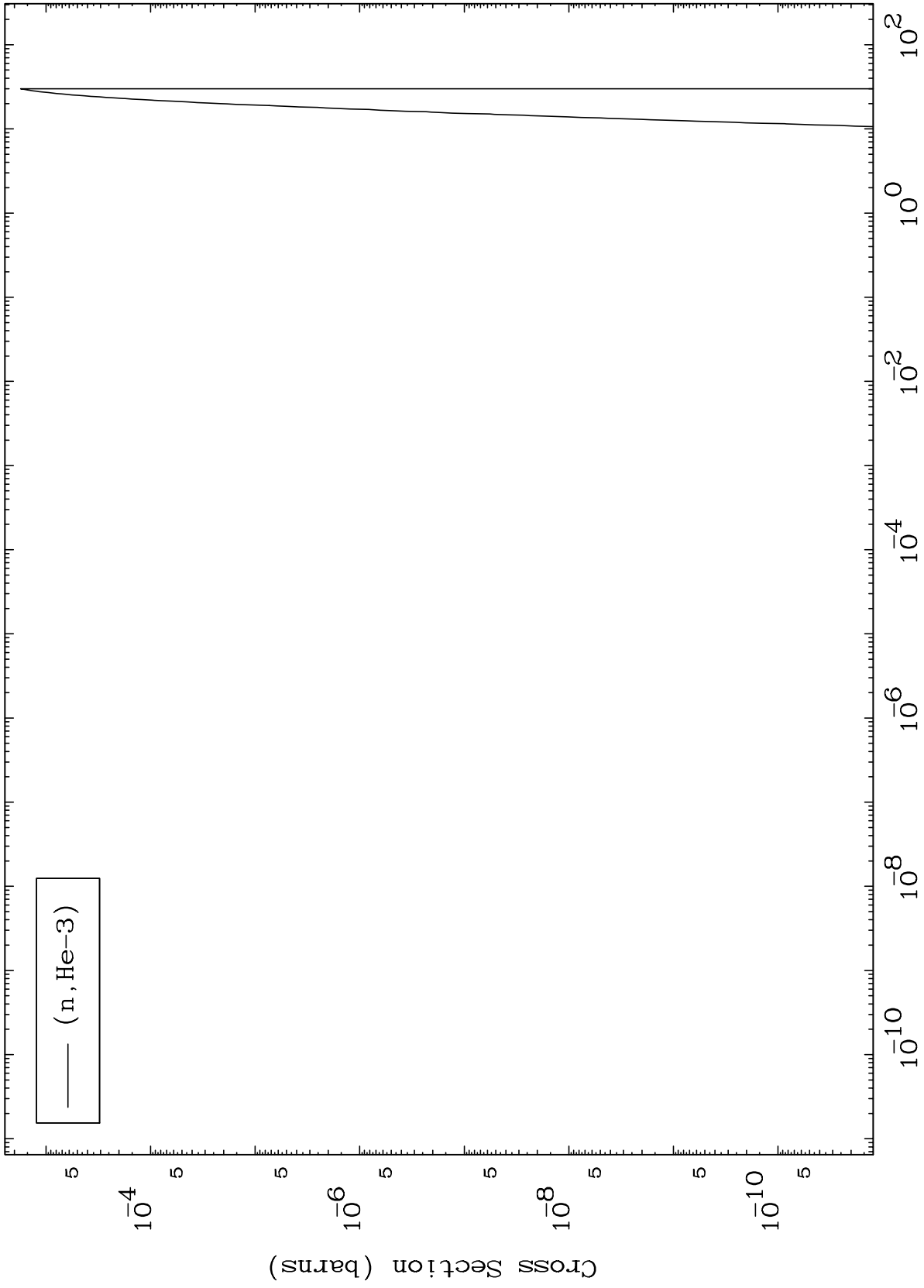
86-Rn-209



MAT 8619

(n,He3) Levels
293 Kelvin Cross Sections

86-Rn-209



12

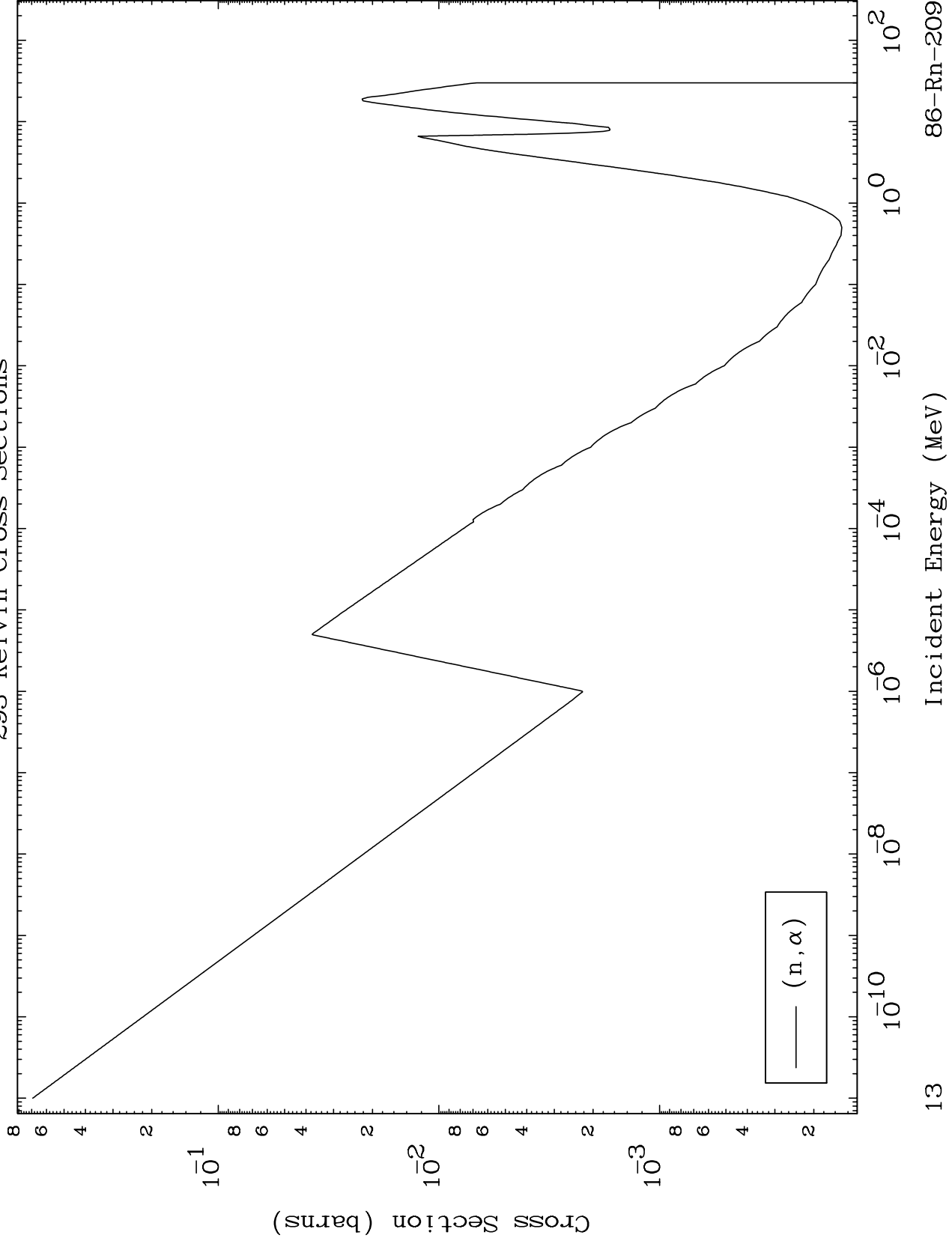
Incident Energy (MeV)

86-Rn-209

MAT 8619

(n,α) Levels
293 Kelvin Cross Sections

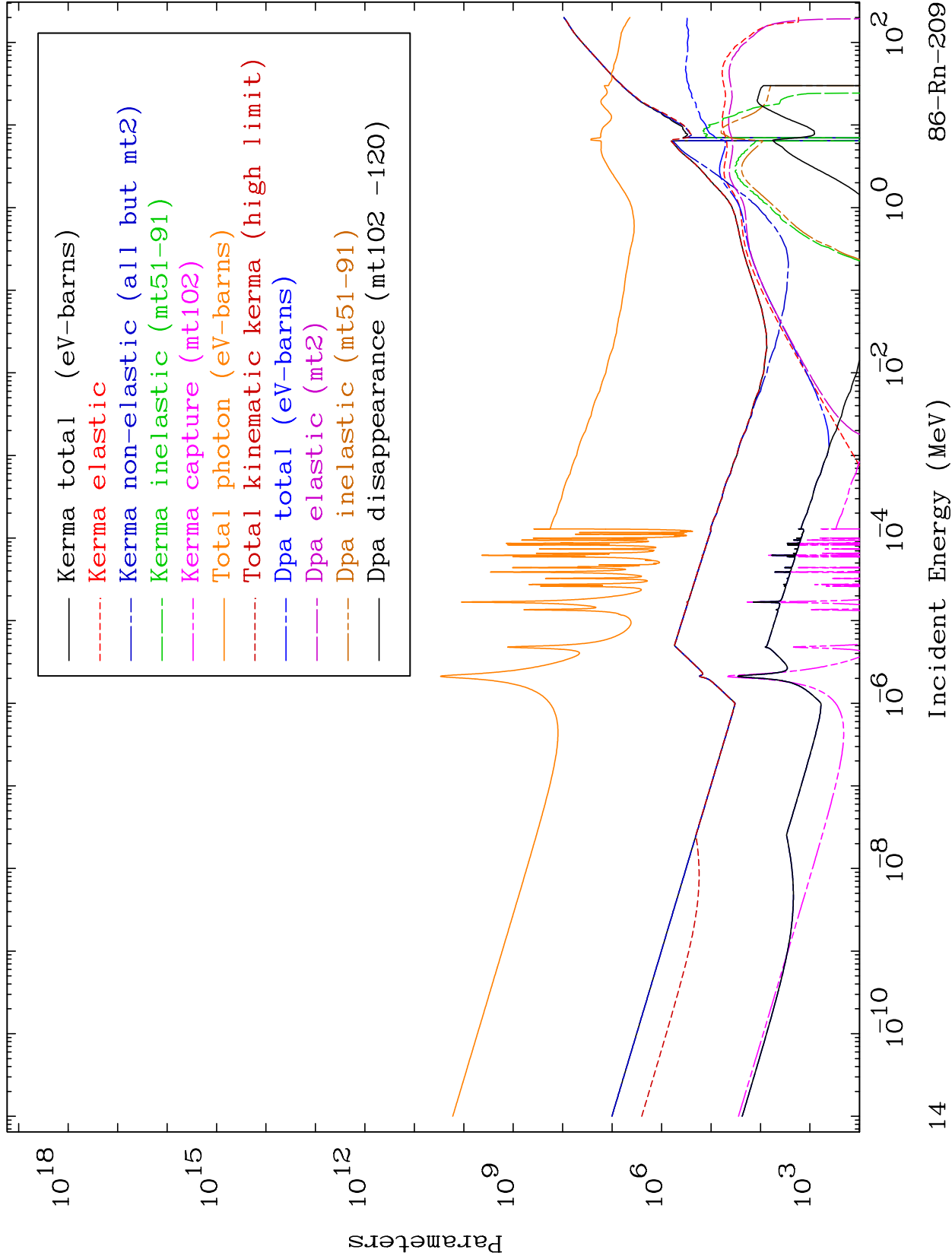
86-Rn-209



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Incident Energy (MeV)

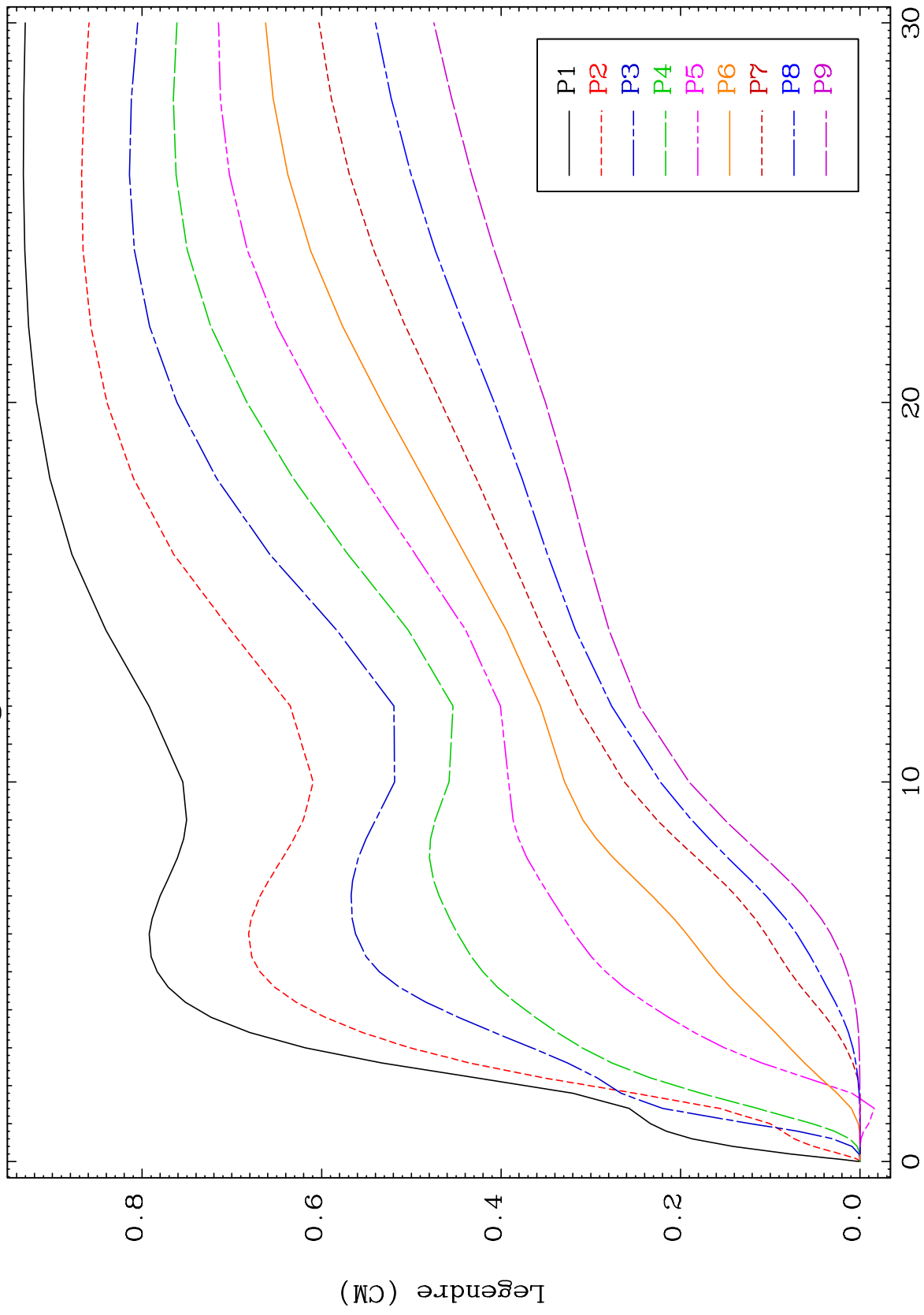
86-Rn-209



MAT 8619

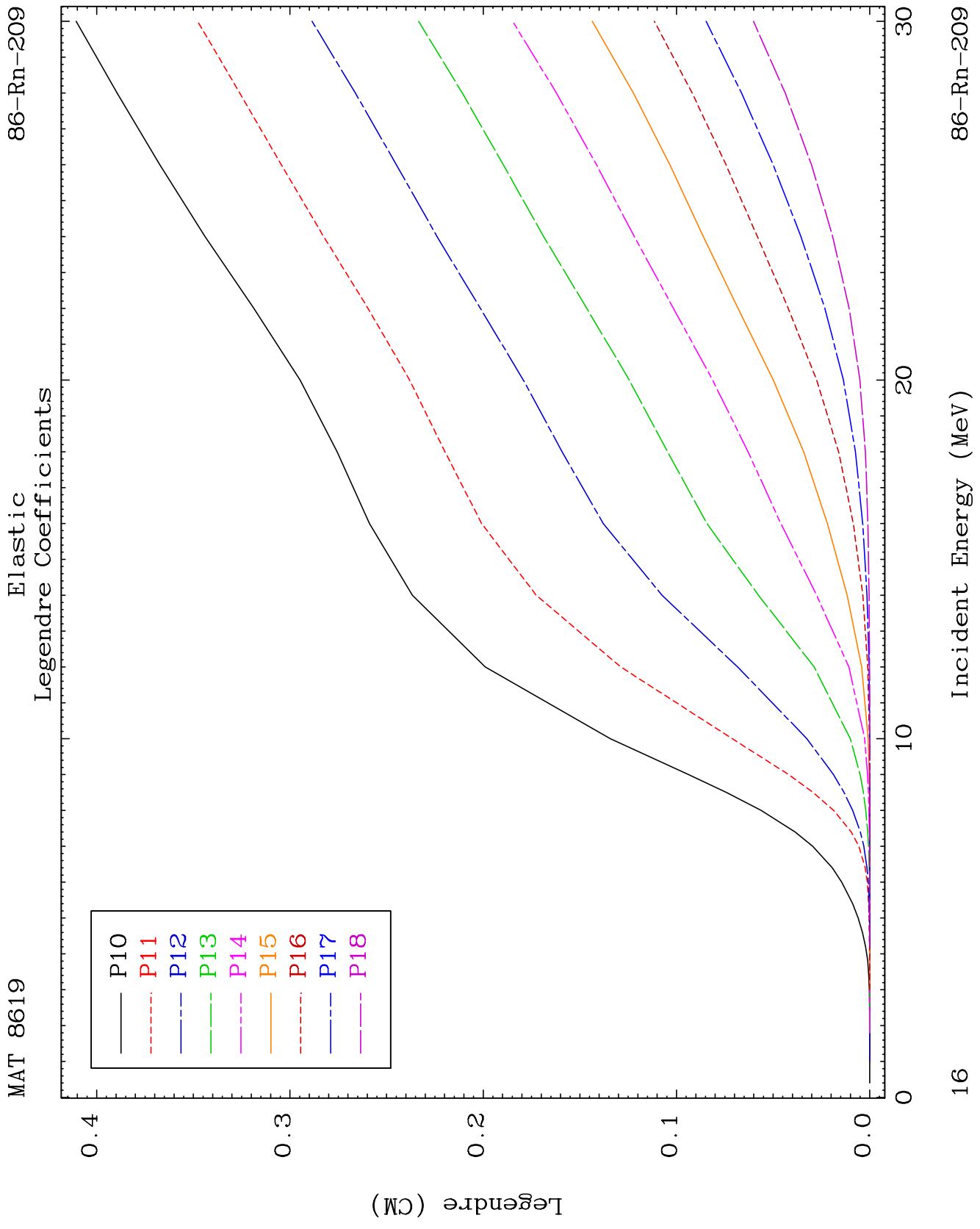
Elastic Legendre Coefficients

86-Rn-209



86-Rn-209

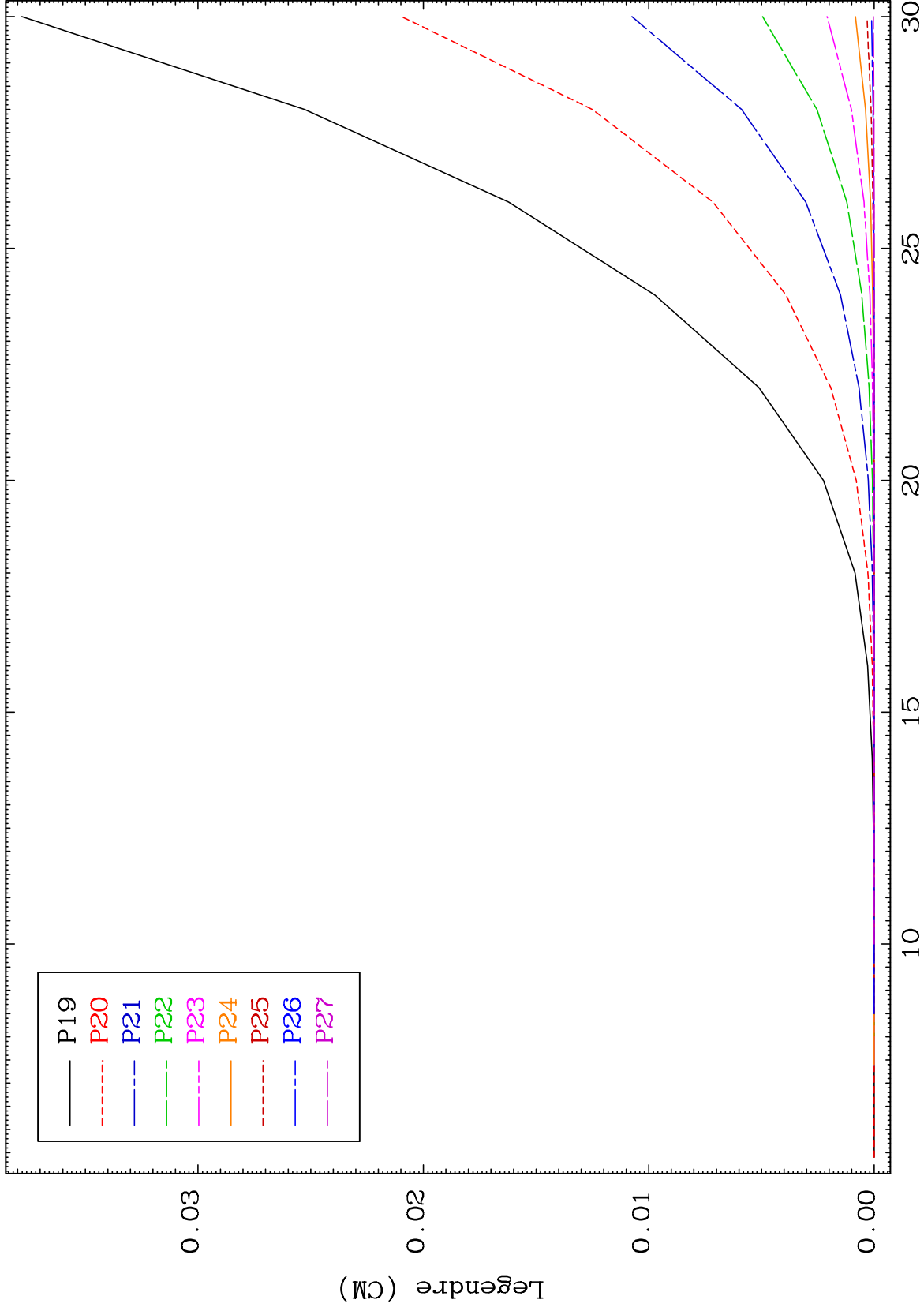
86-Rn-209



MAT 8619

Elastic Legendre Coefficients

86-Rn-209



17

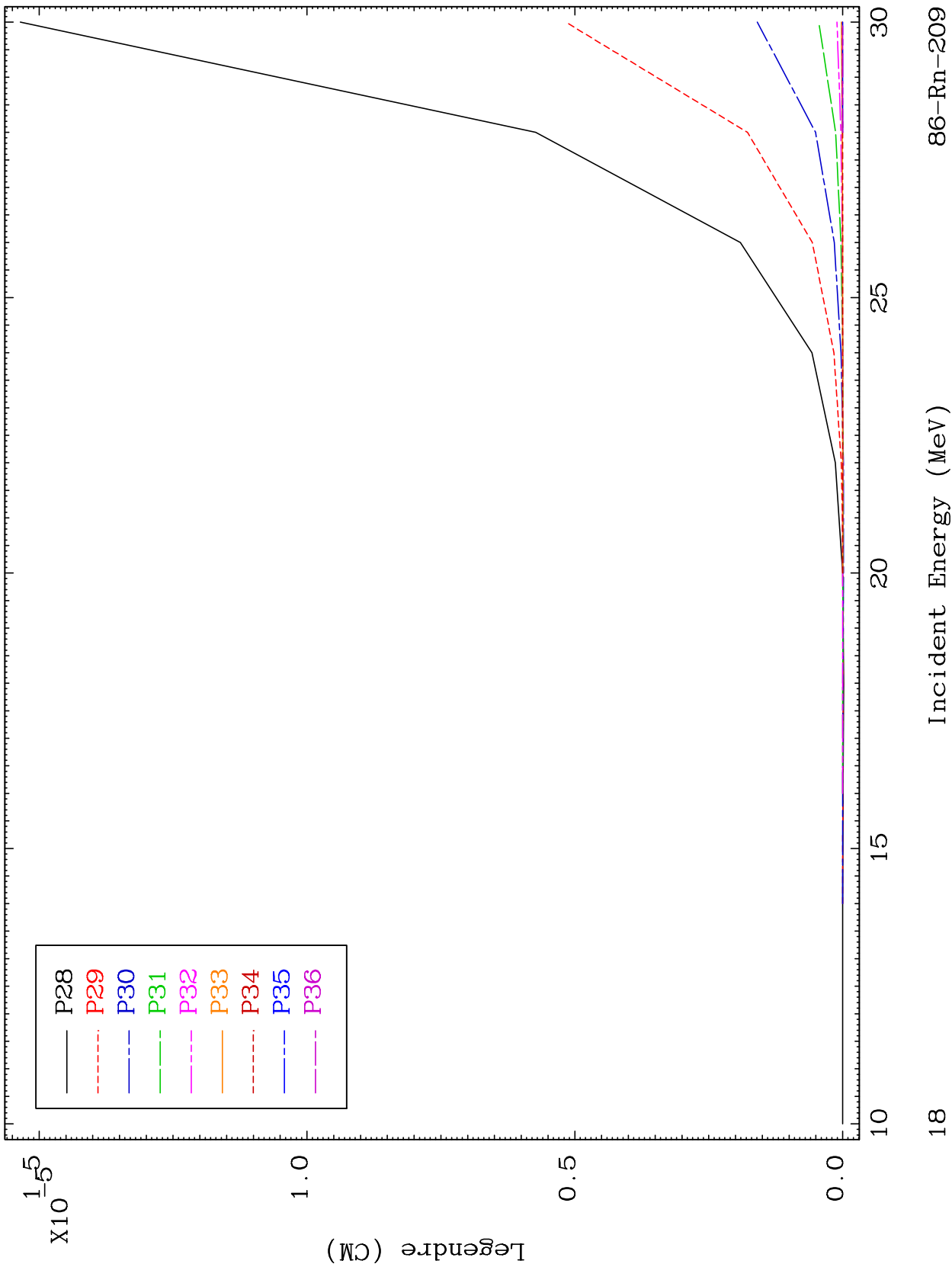
Incident Energy (MeV)

86-Rn-209

MAT 8619

Elastic Legendre Coefficients

86-Rn-209



86-Rn-209

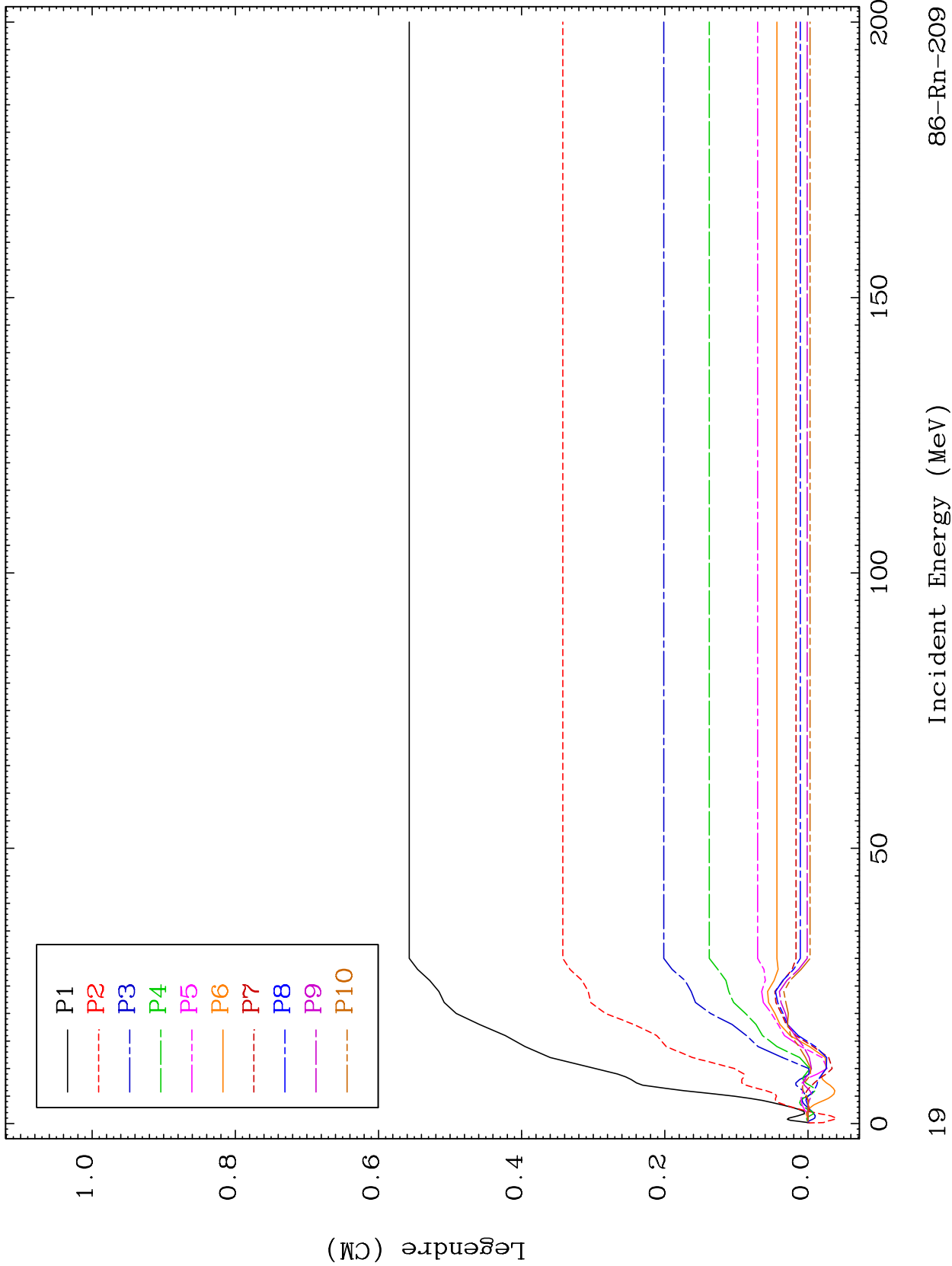
Incident Energy (MeV)

18

MAT 8619

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

86-Rn-209



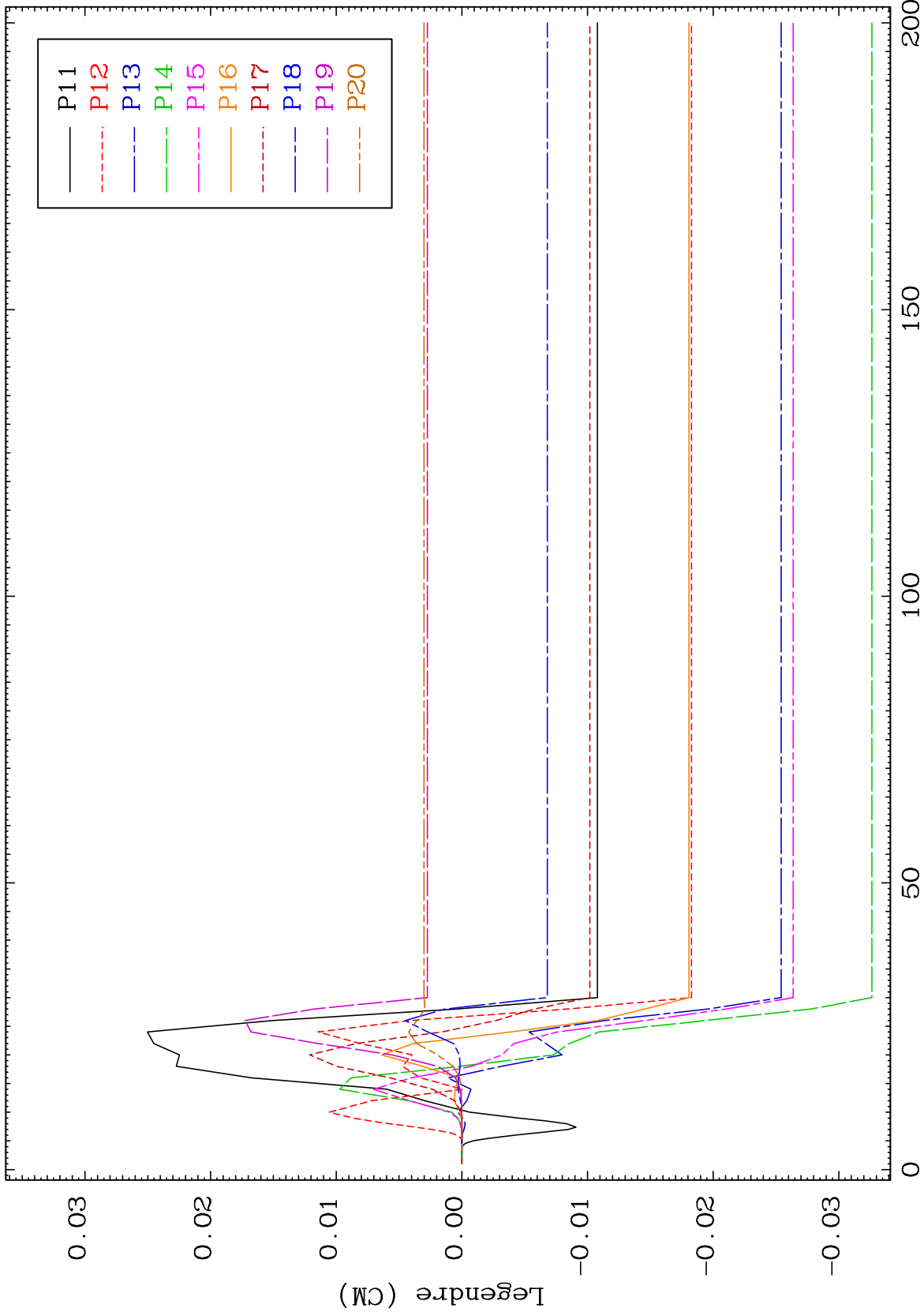
19

86-Rn-209

MAT 8619

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

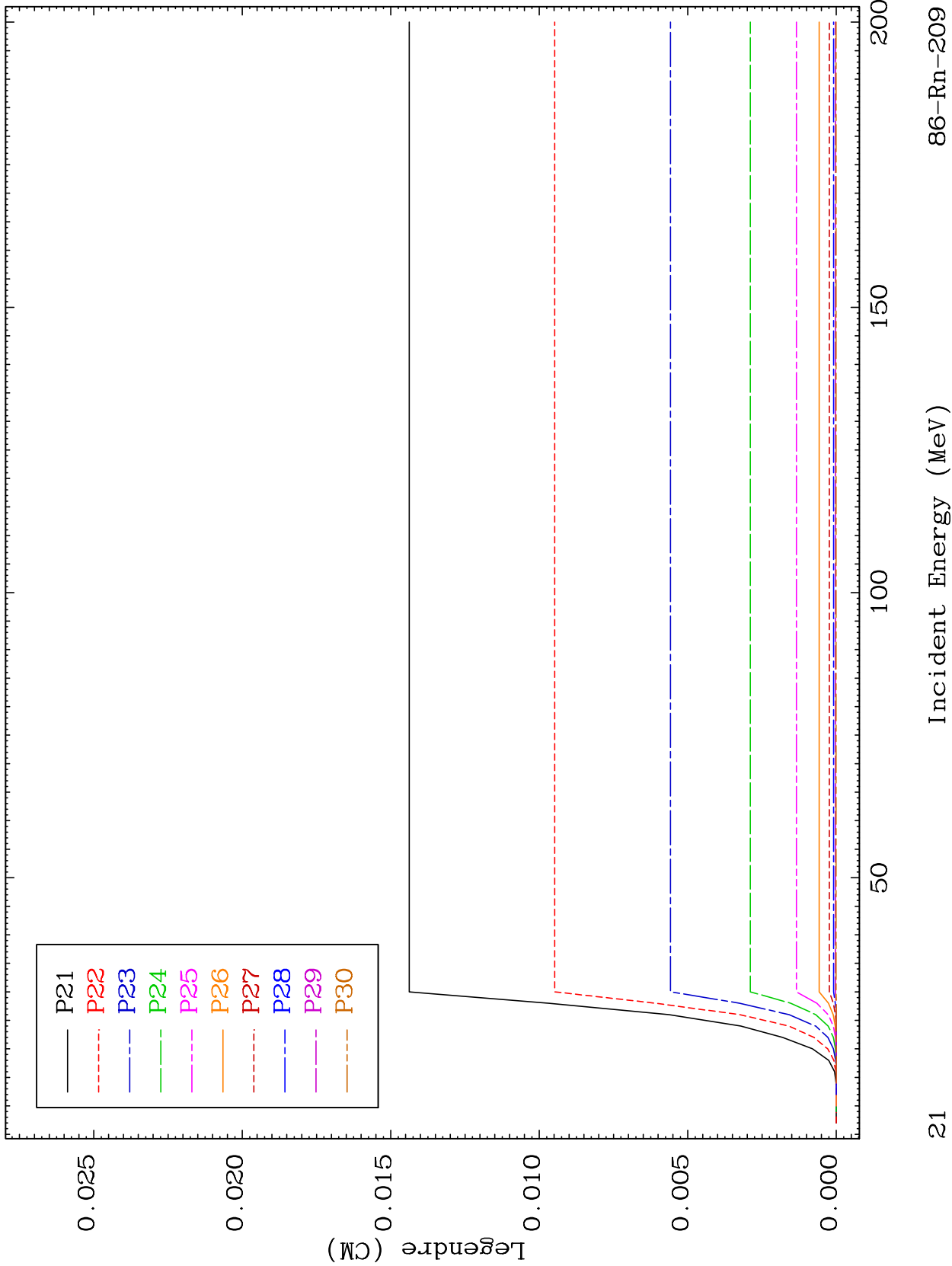
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20

Incident Energy (MeV)

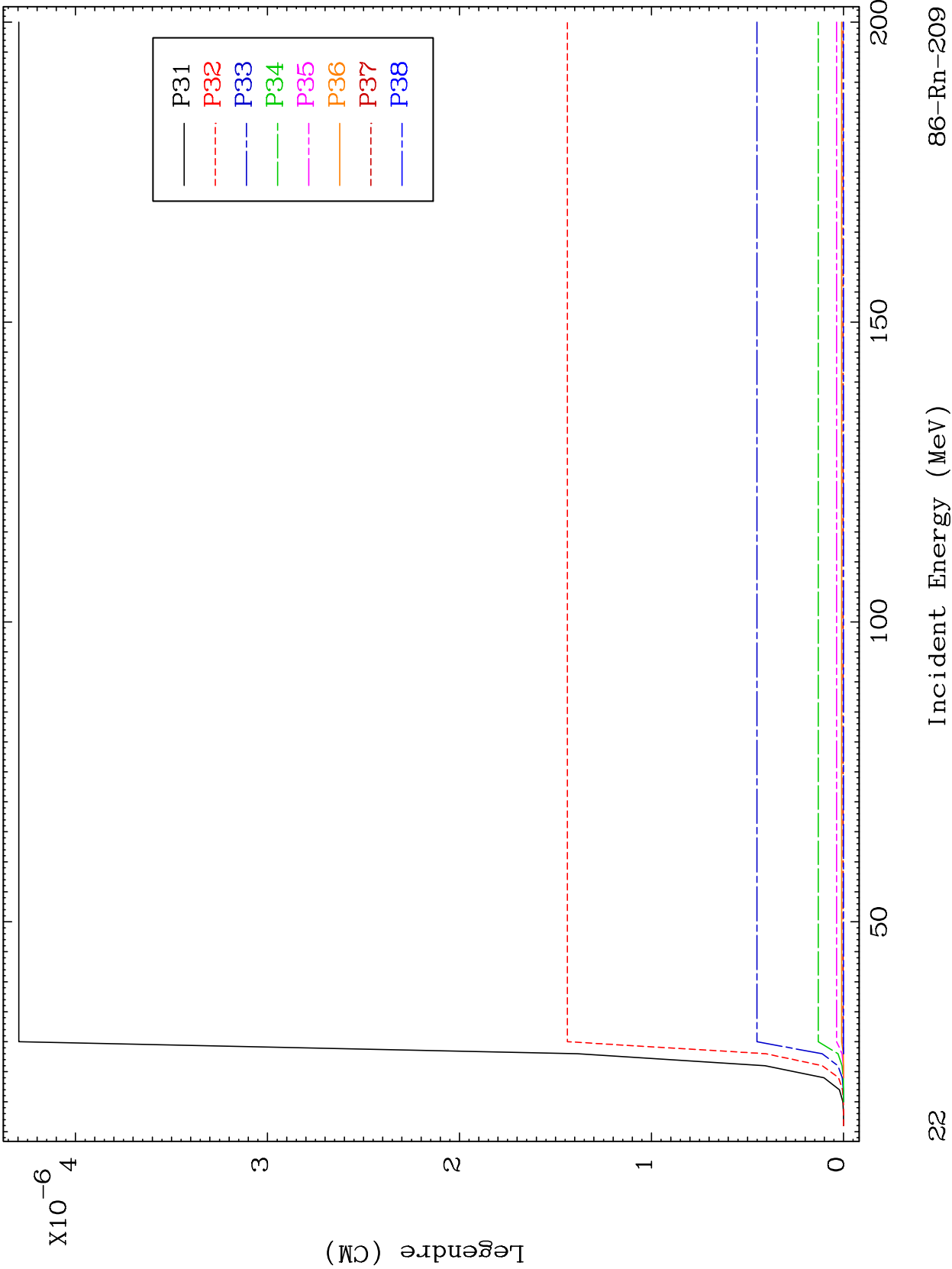
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MAT 8619

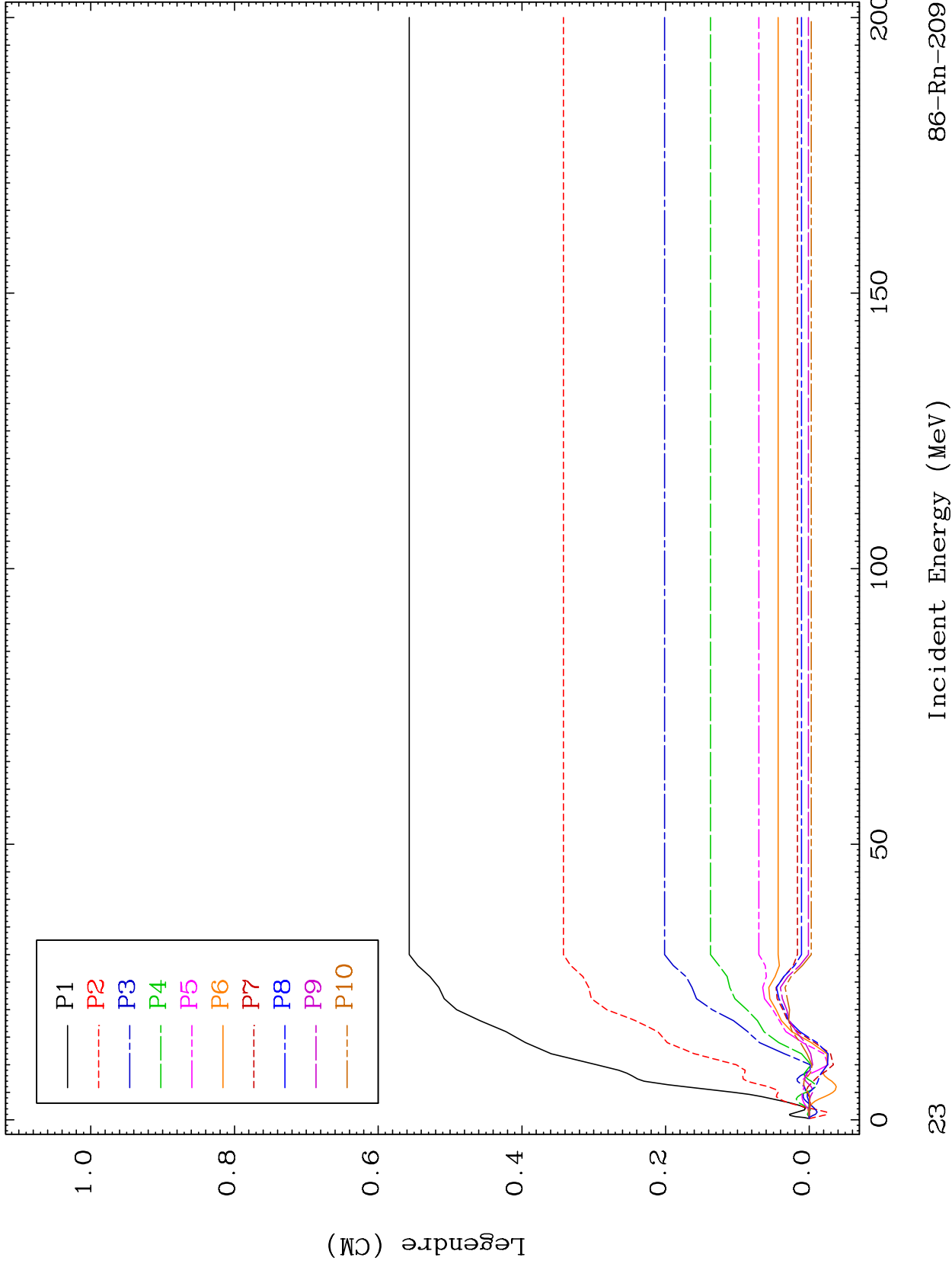
MT= 51 (n,n') Level
Legendre Coefficients

86-Rn-209



22

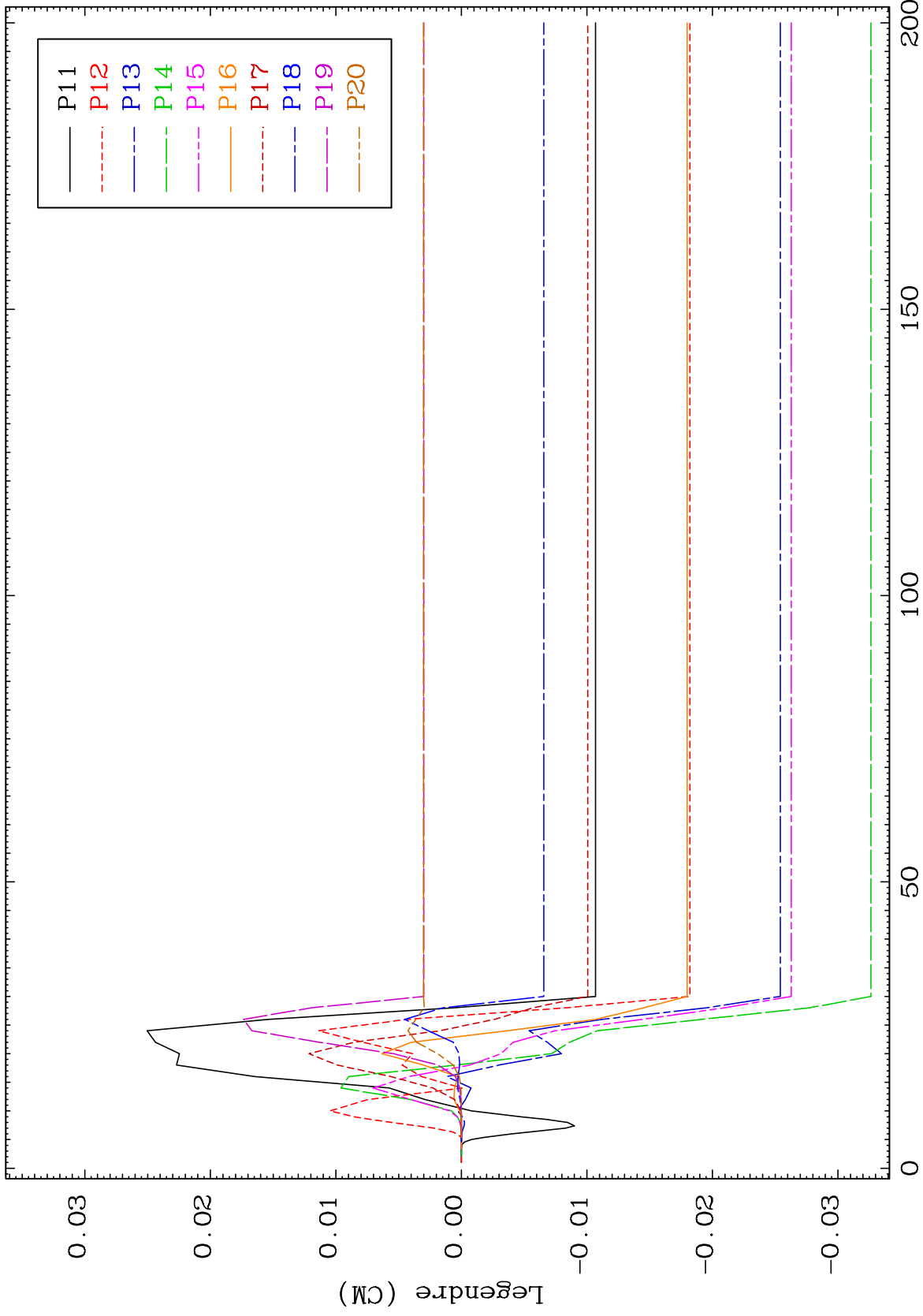
86-Rn-209



MAT 8619

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

86-Rn-209



24

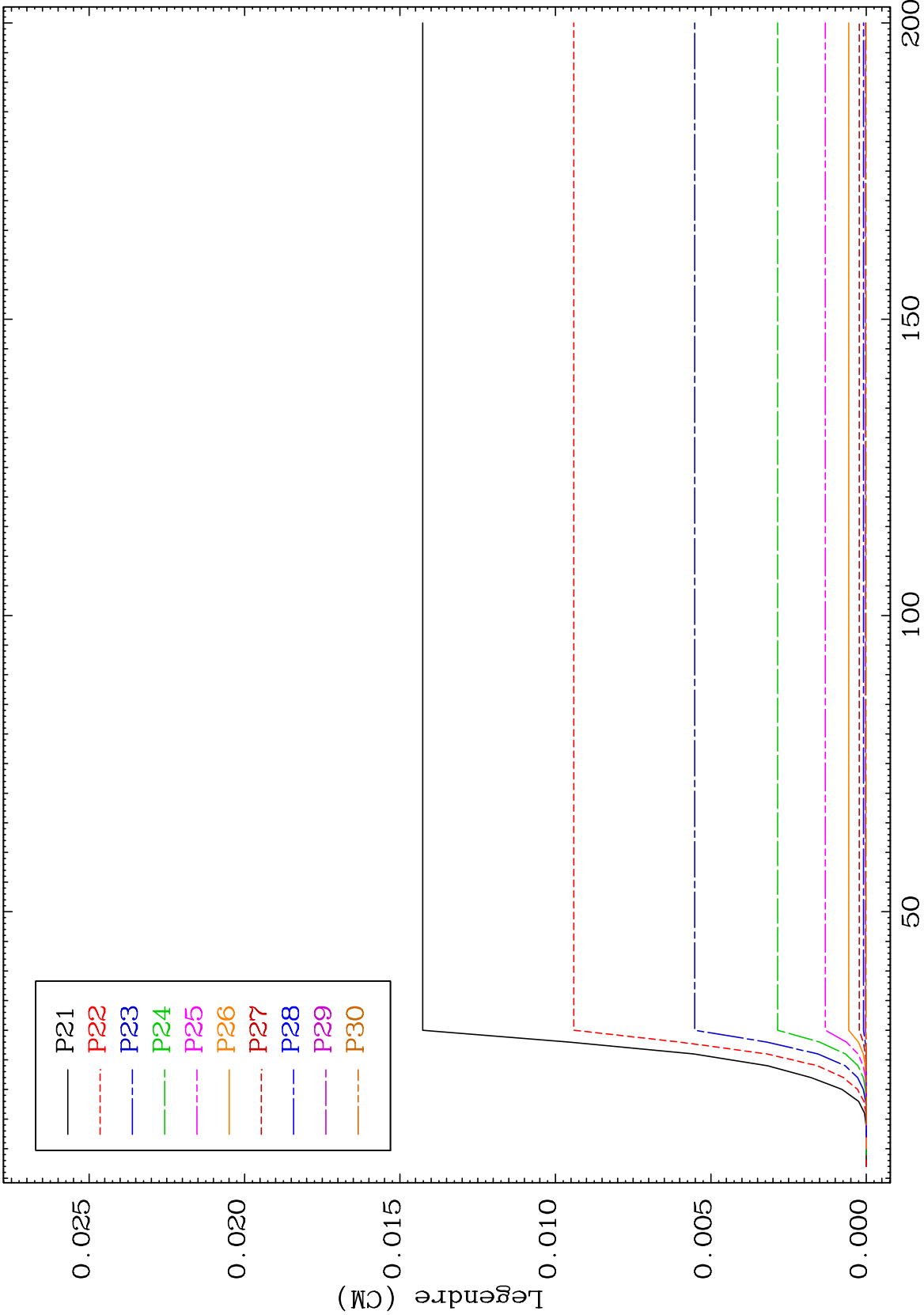
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



25

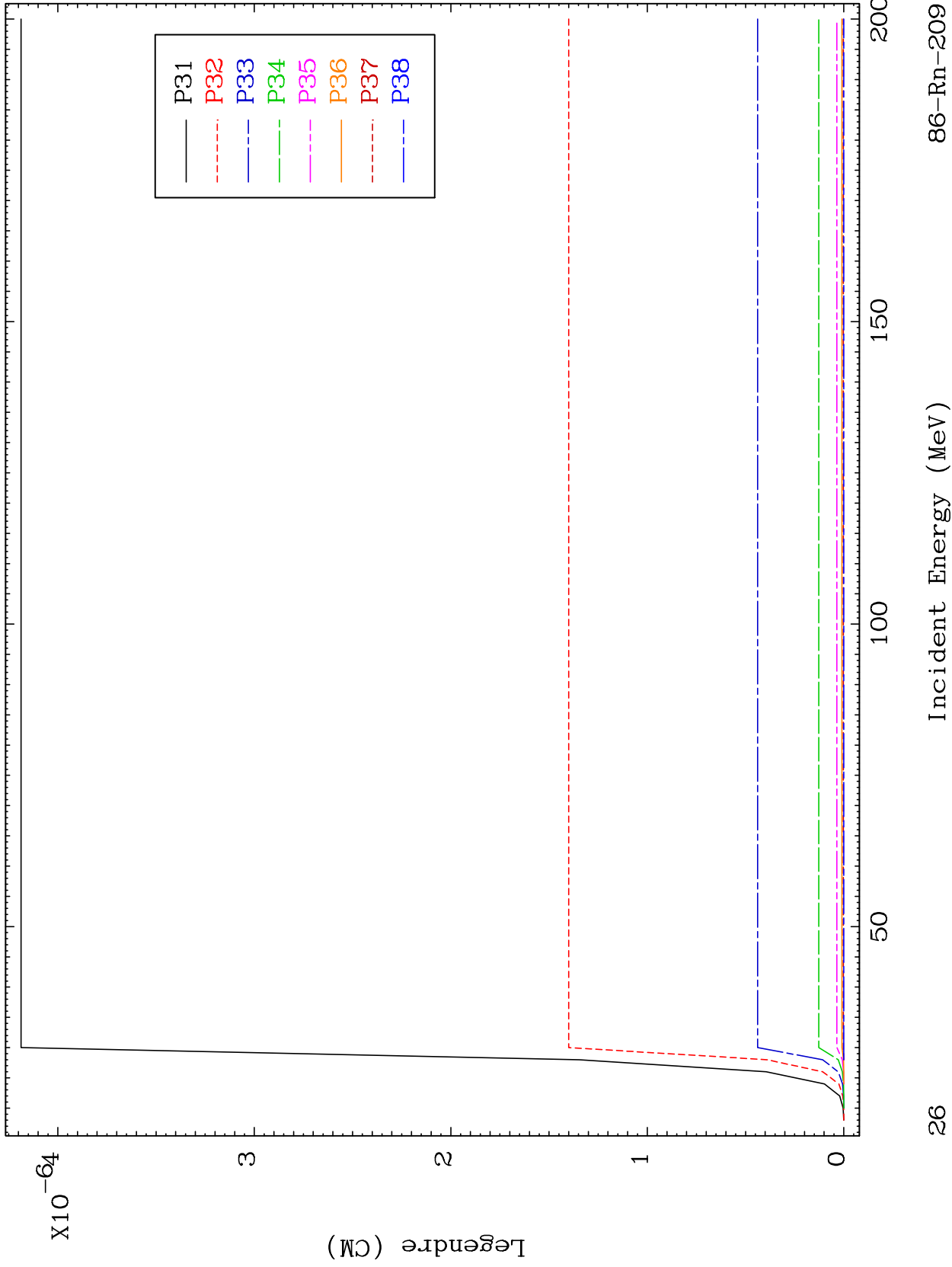
Incident Energy (MeV)

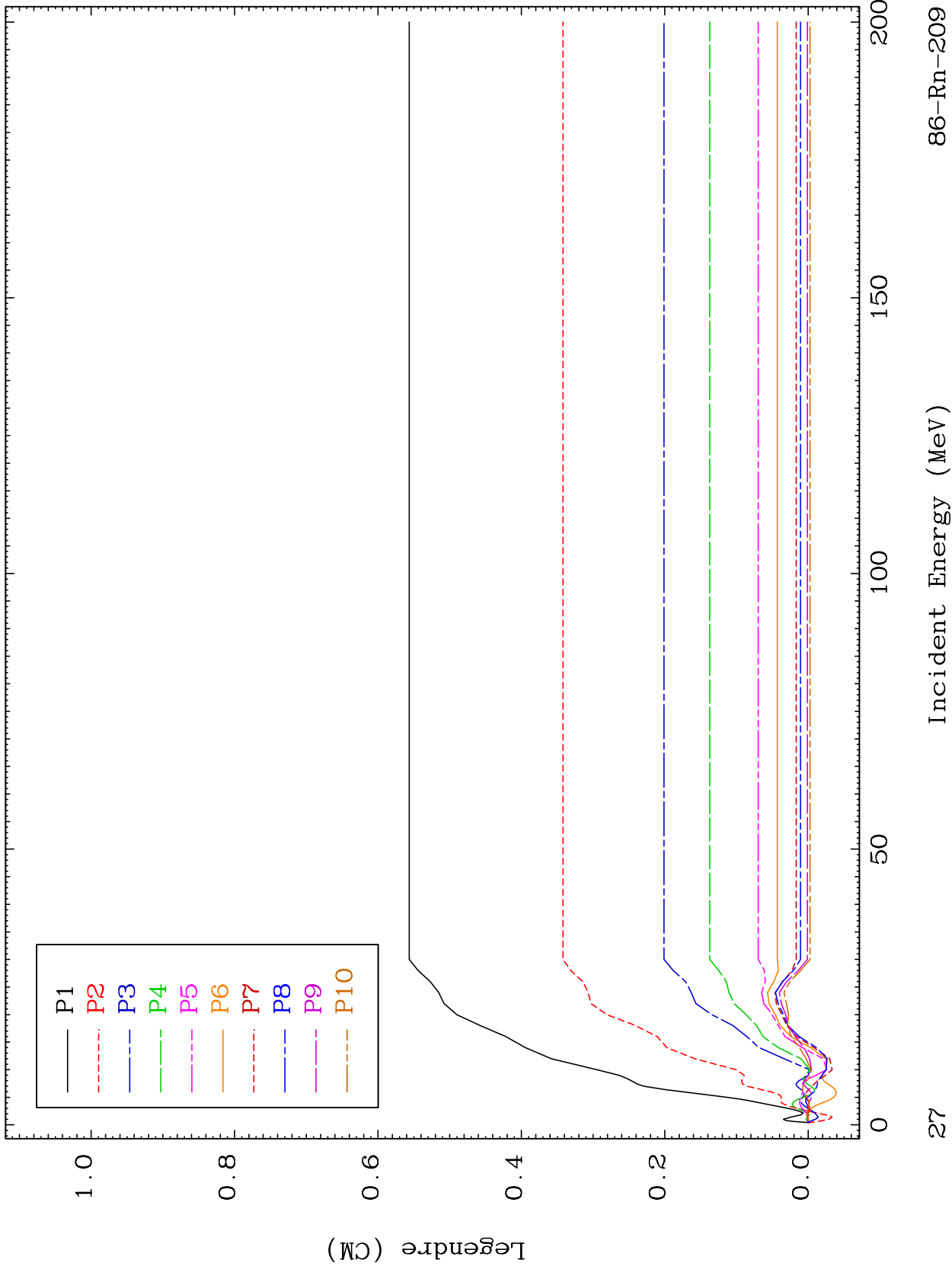
86-Rn-209

MAT 8619

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

86-Rn-209

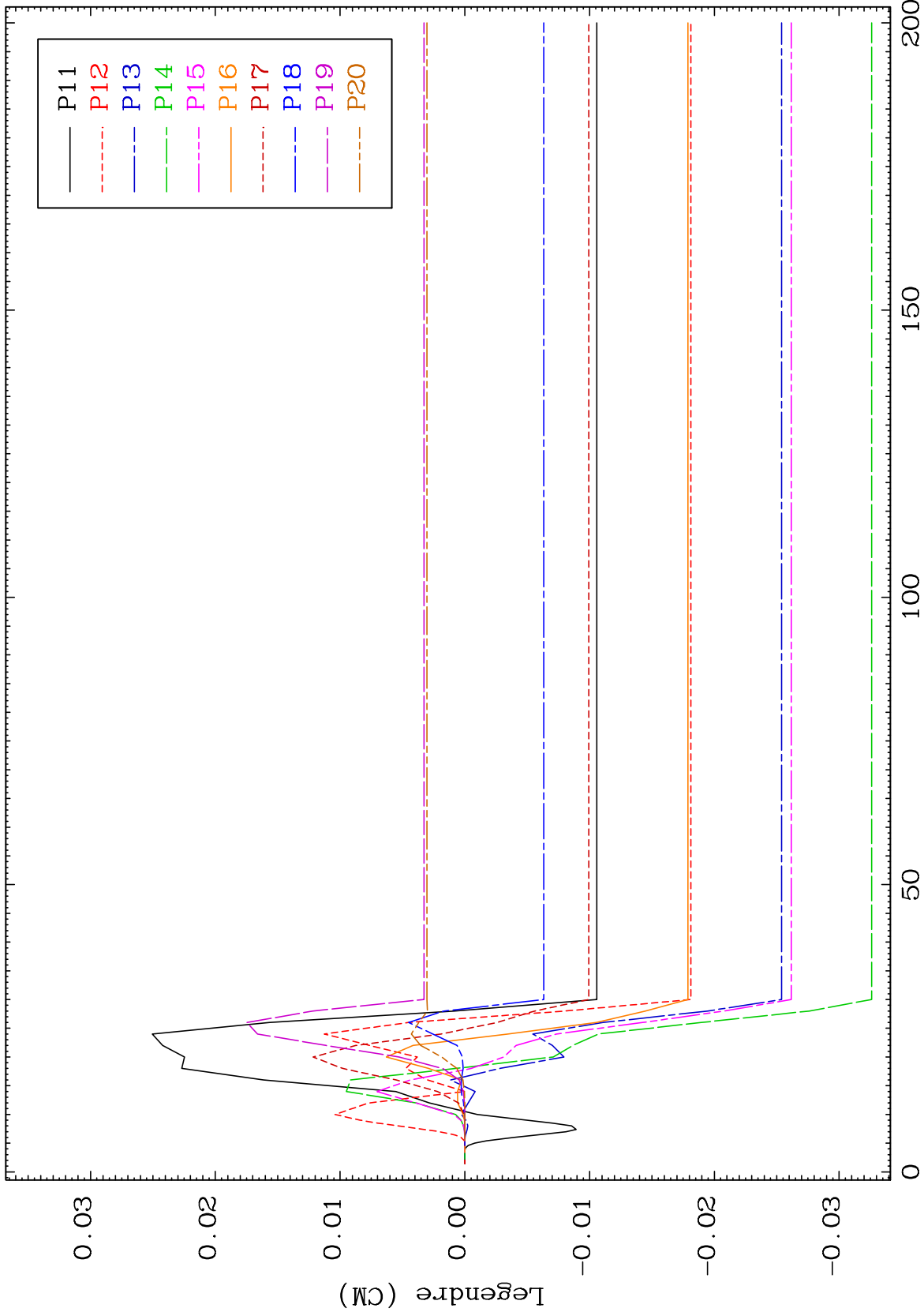




MAT 8619

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

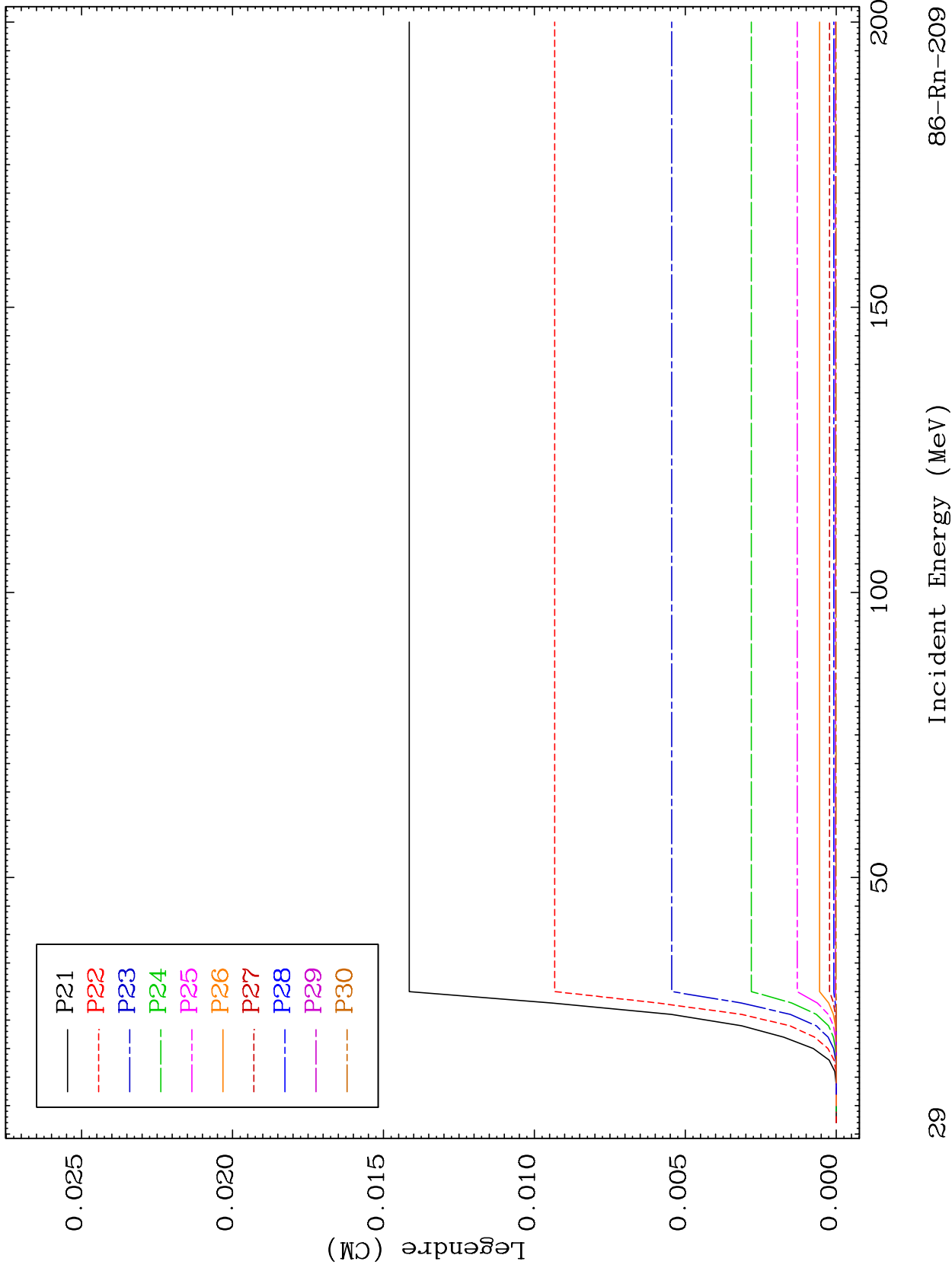
86-Rn-209



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Incident Energy (MeV)

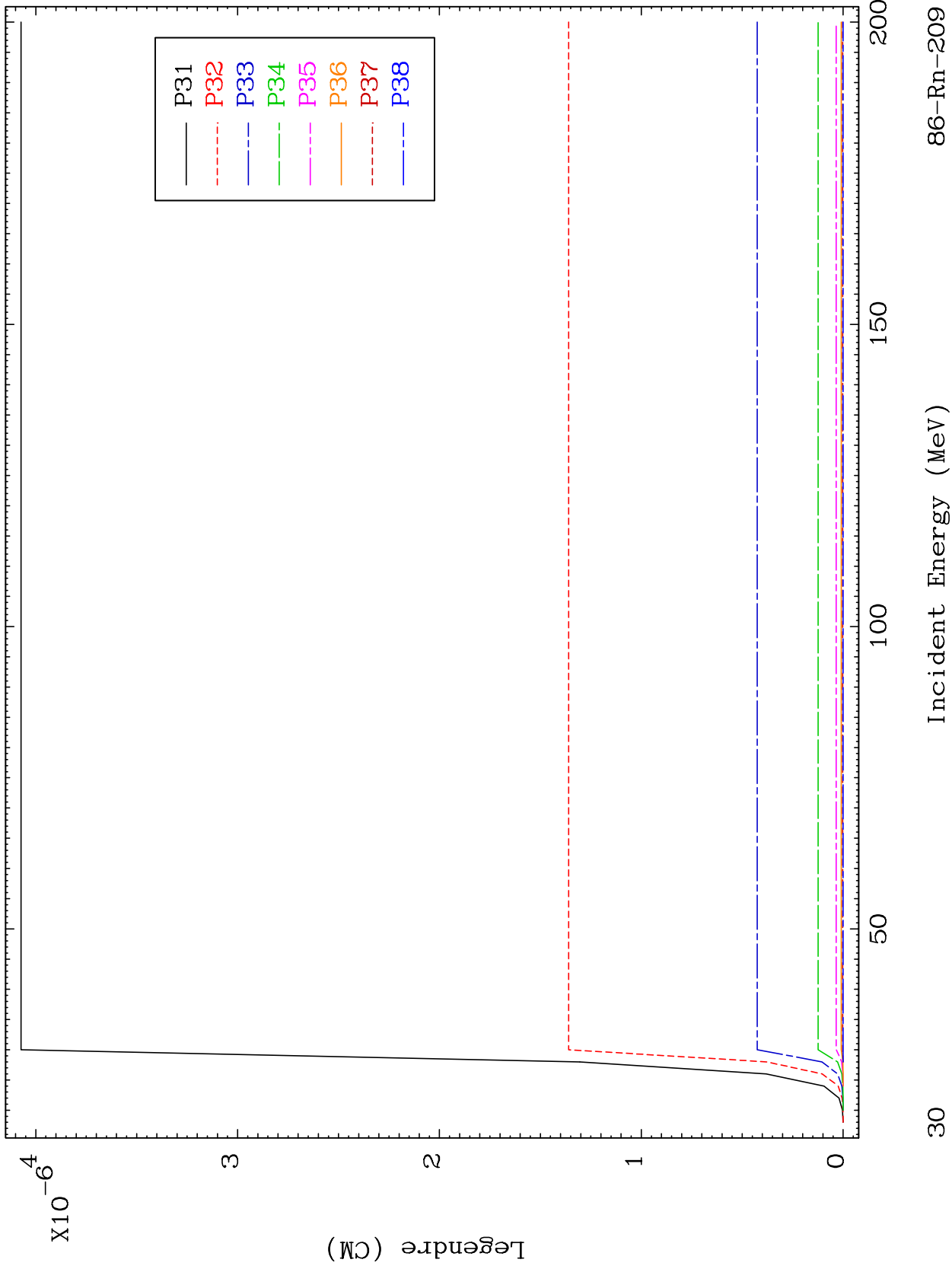
86-Rn-209



MAT 8619

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

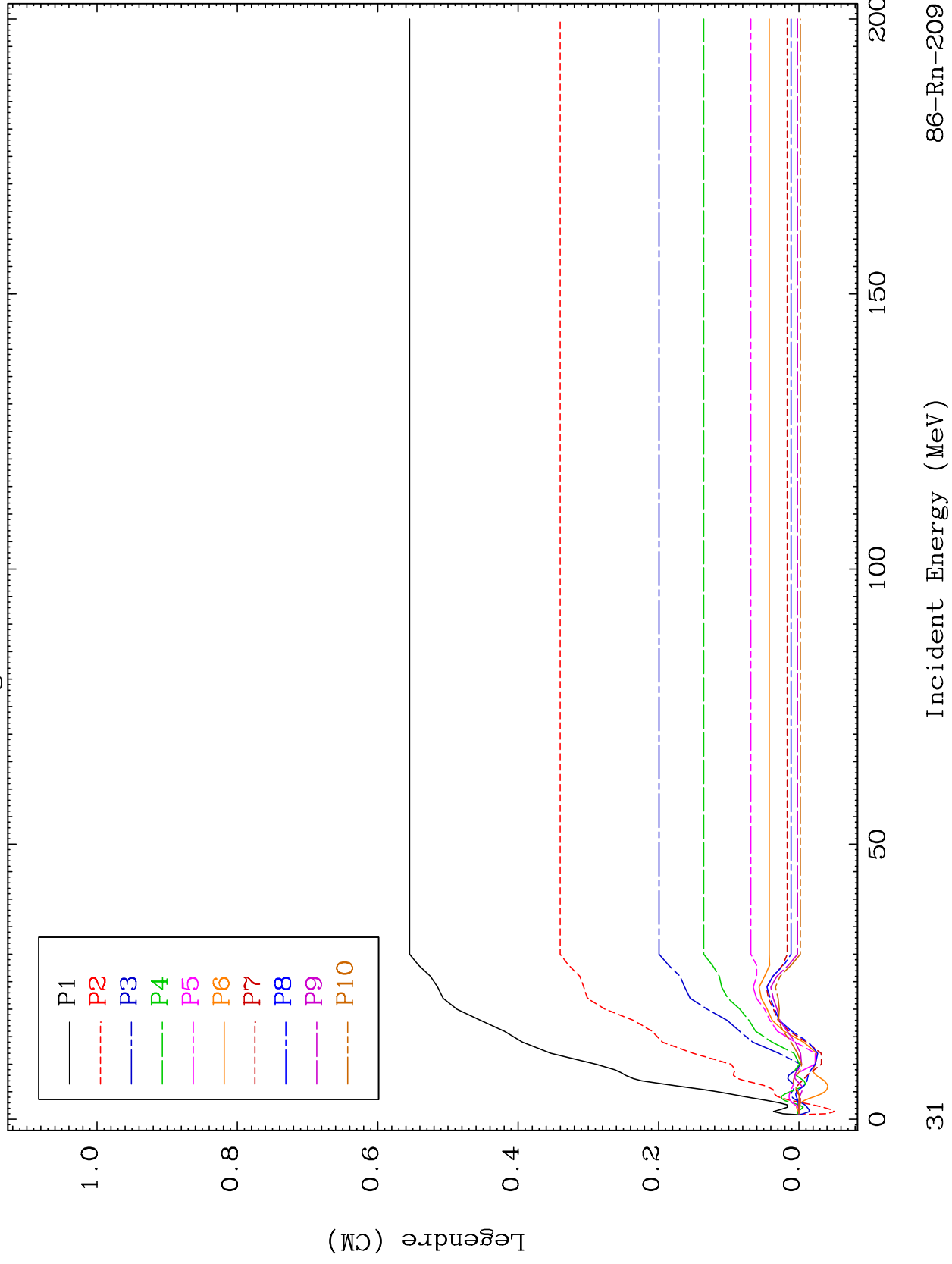
86-Rn-209



MAT 8619

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

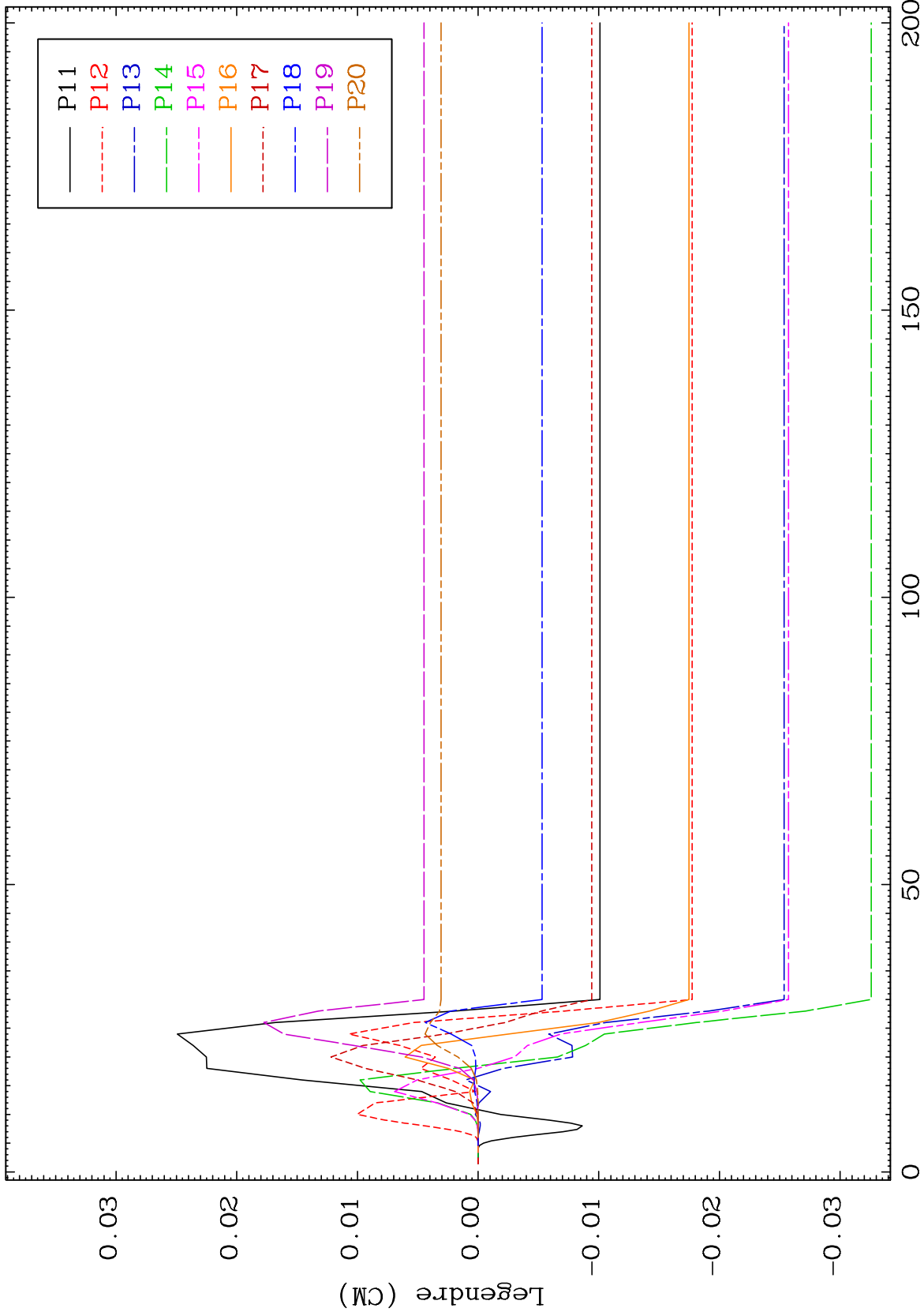
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MAT 8619

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

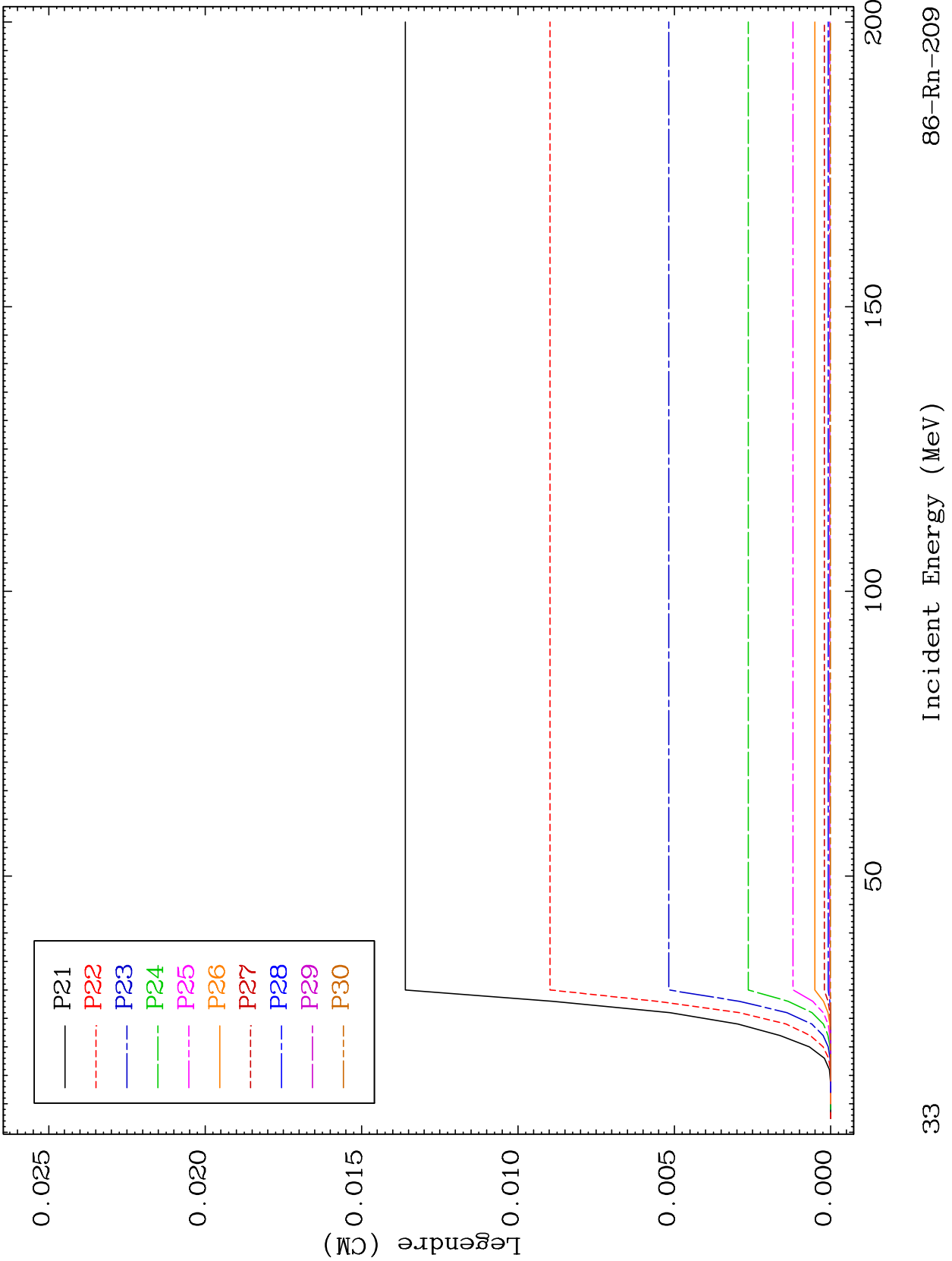
86-Rn-209



32

Incident Energy (MeV)

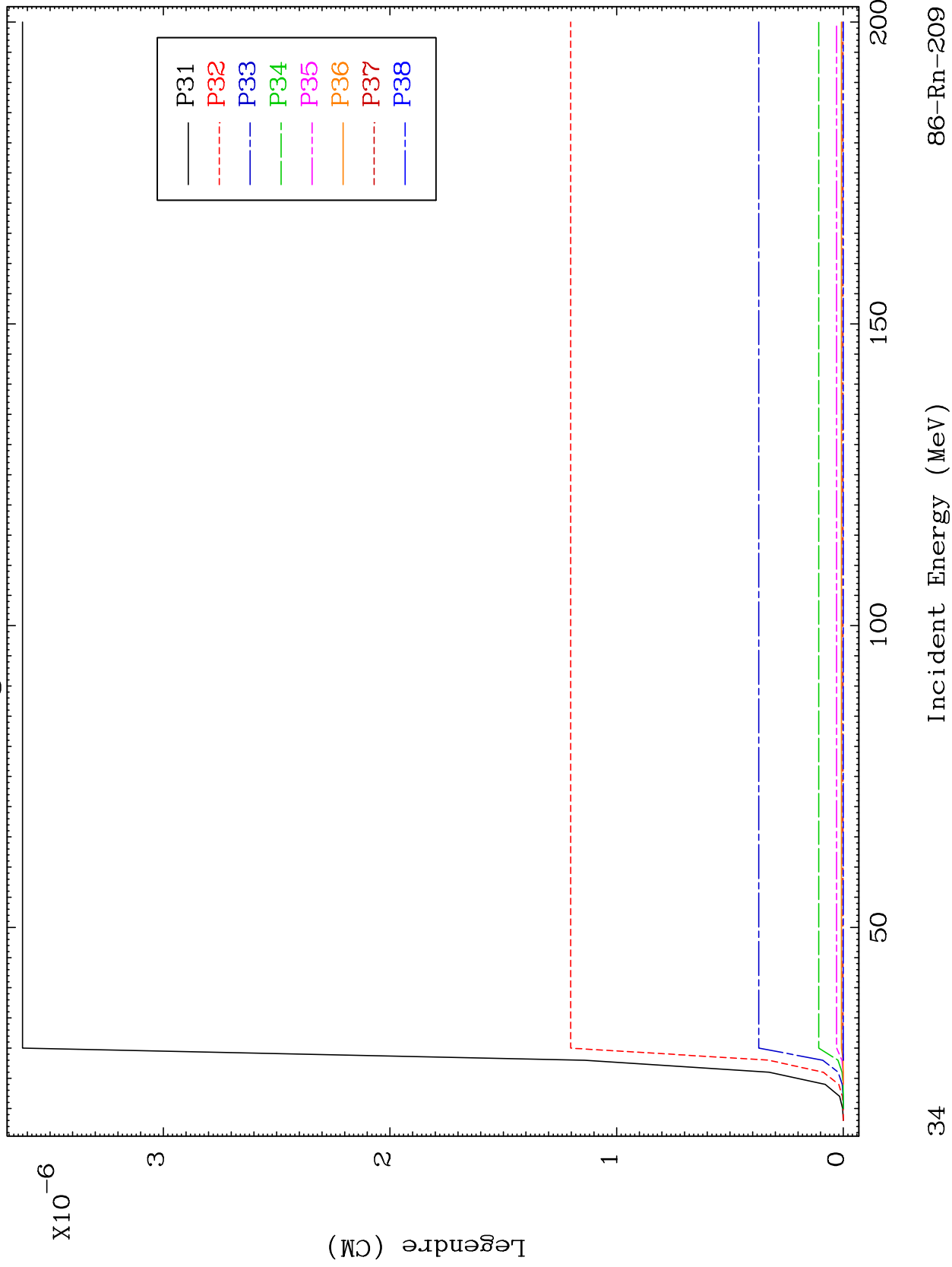
86-Rn-209



MAT 8619

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

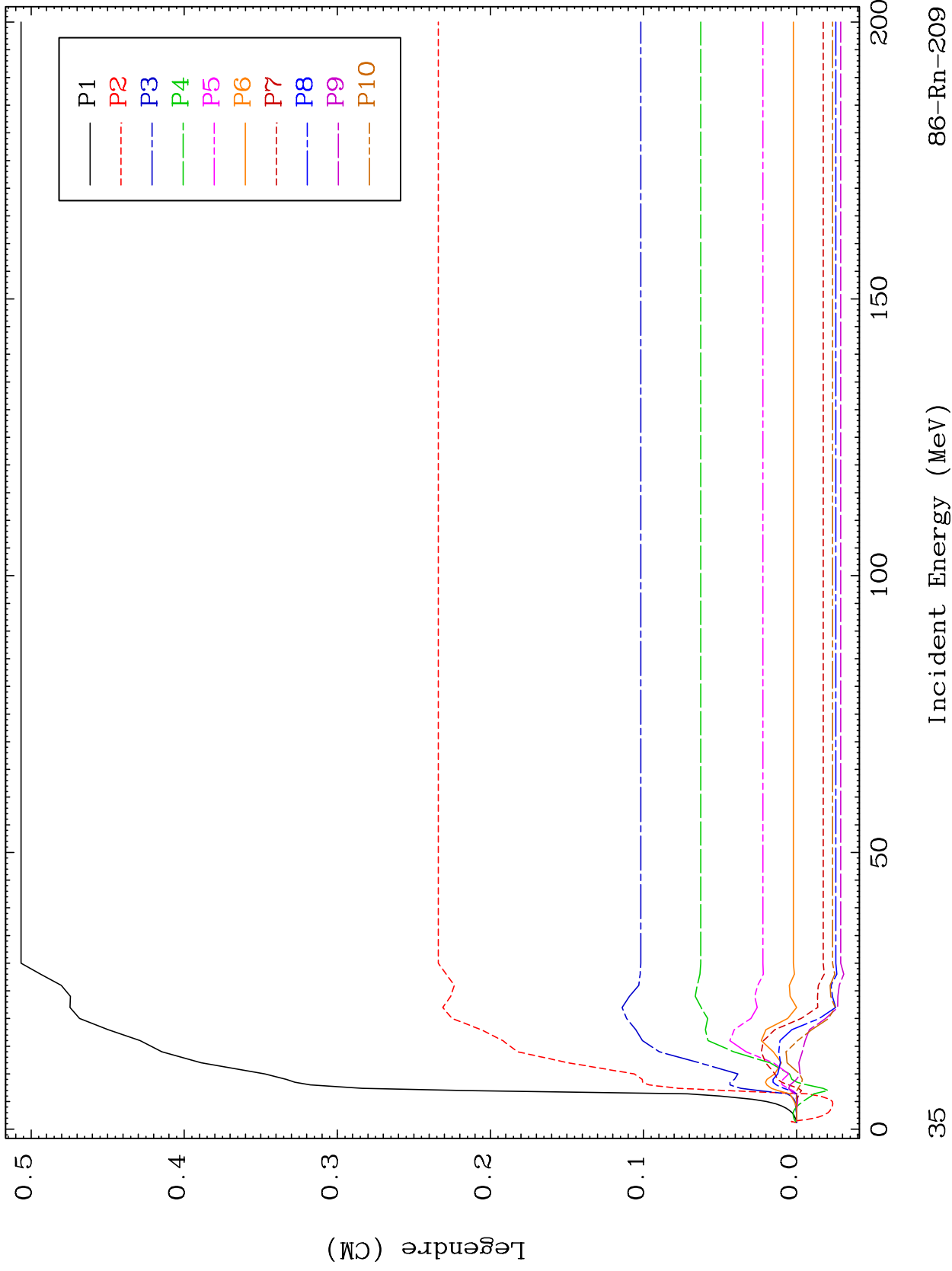
86-Rn-209



MAT 8619

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

86-Rn-209



86-Rn-209

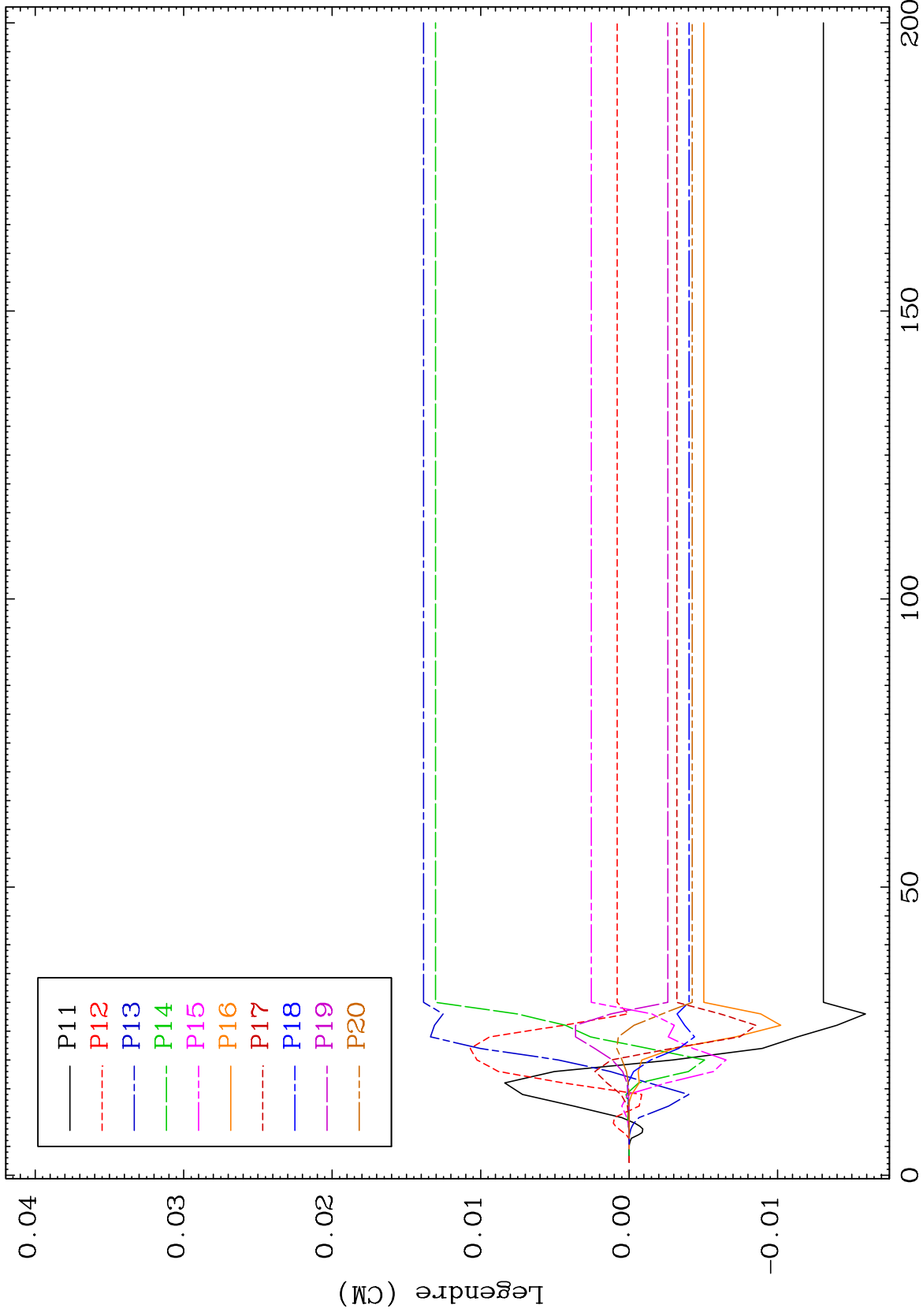
Incident Energy (MeV)

35

MAT 8619

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

86-Rn-209



36

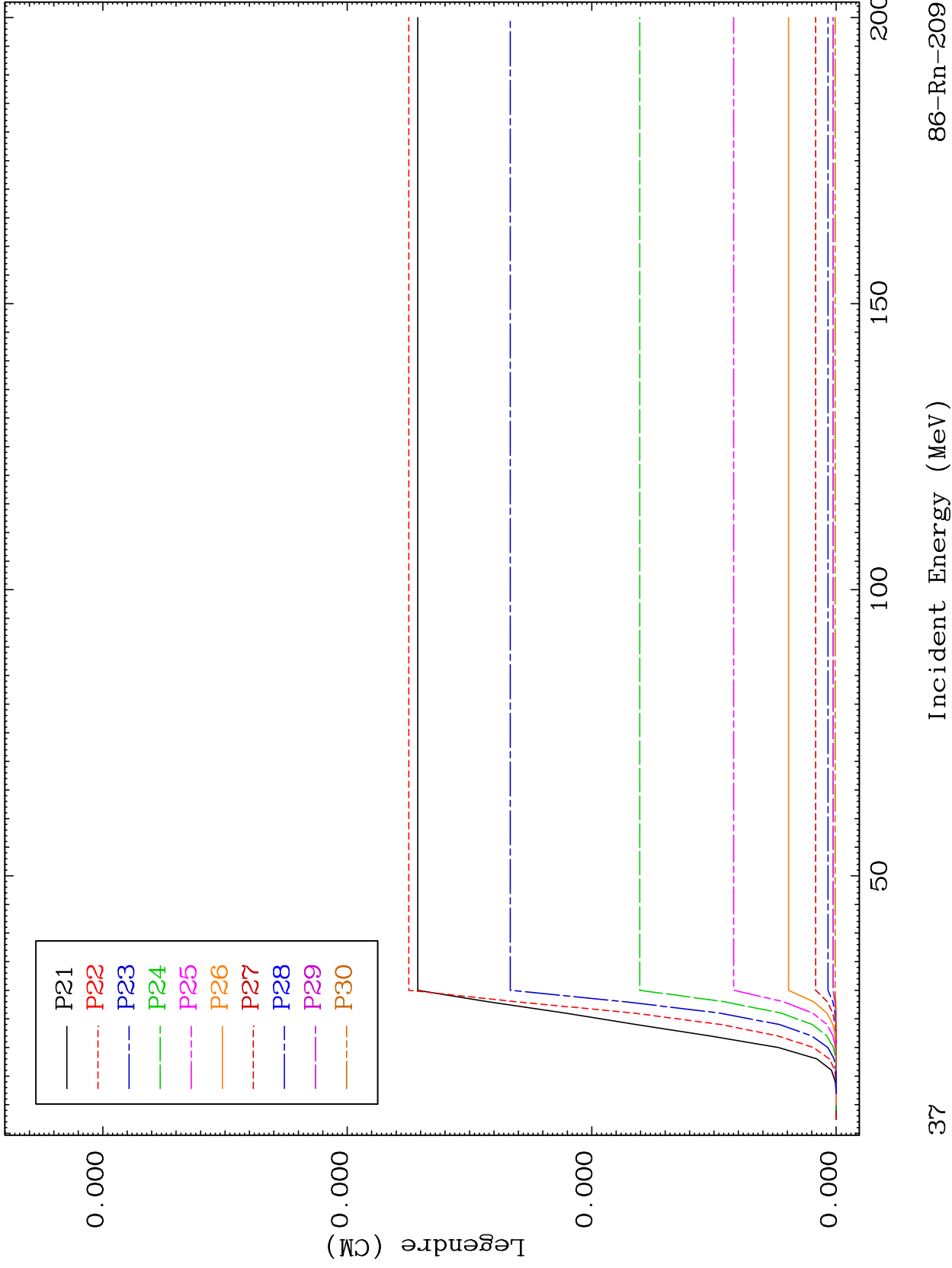
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



37

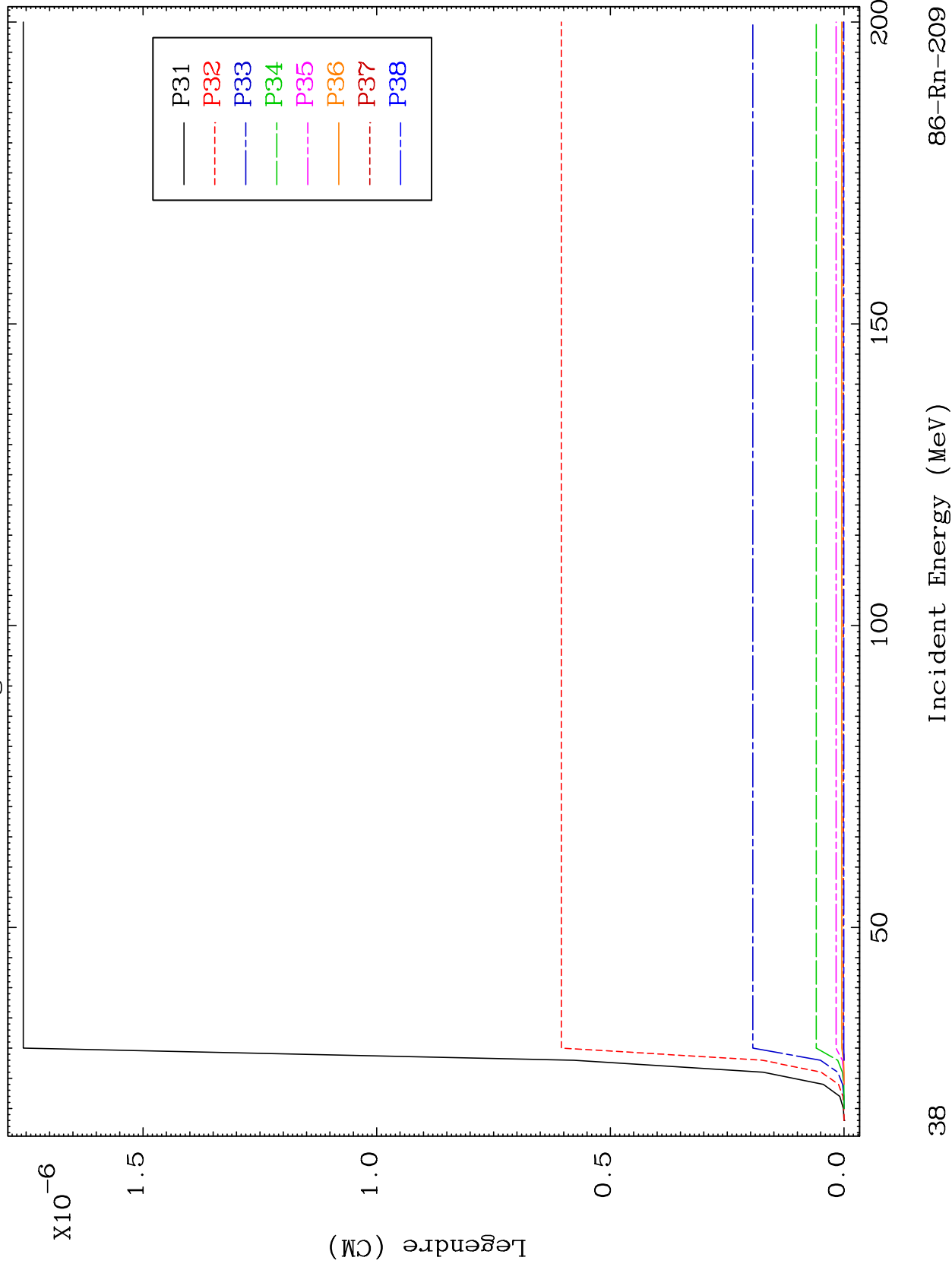
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

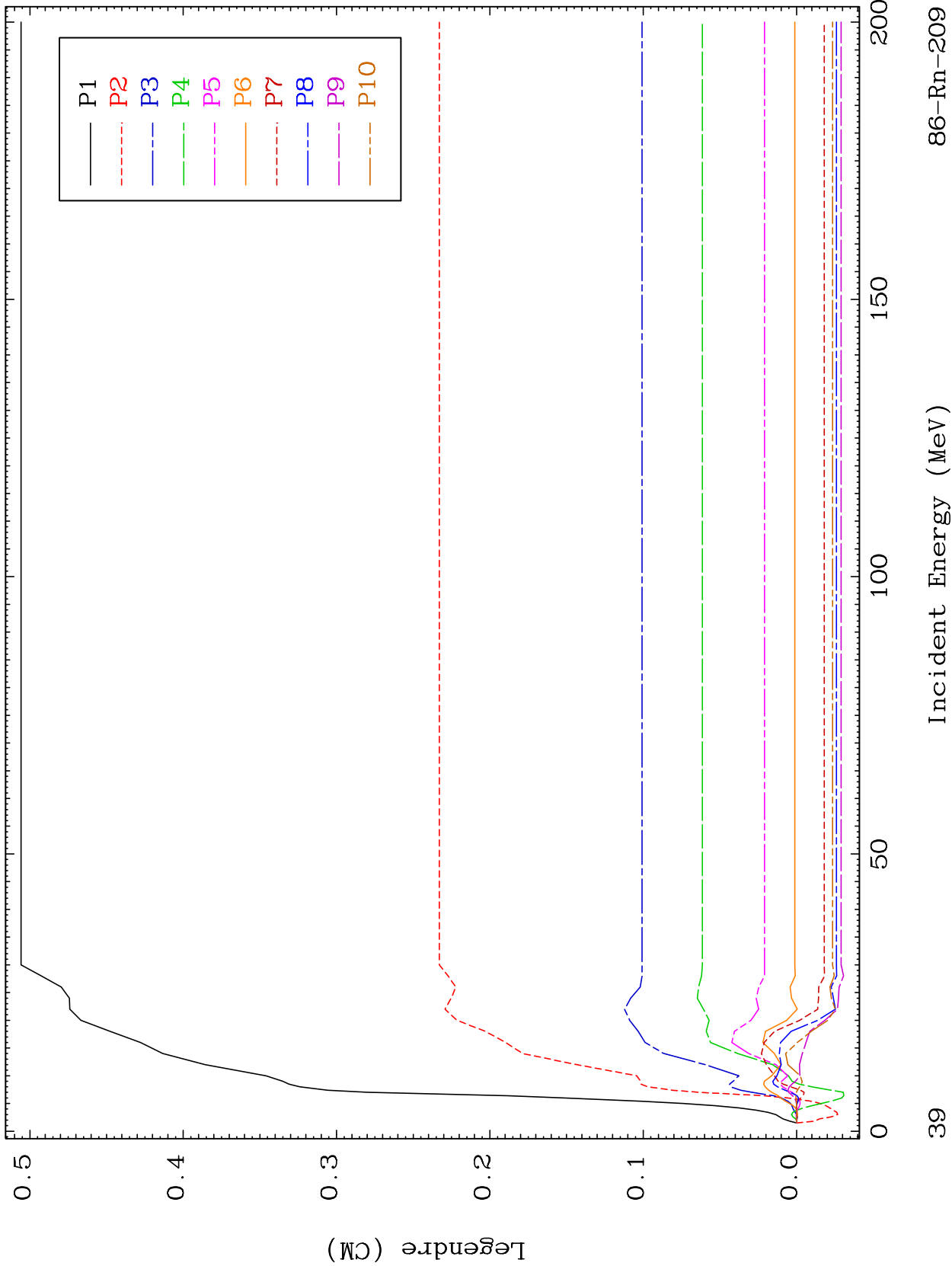
86-Rn-209



MAT 8619

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

86-Rn-209



39

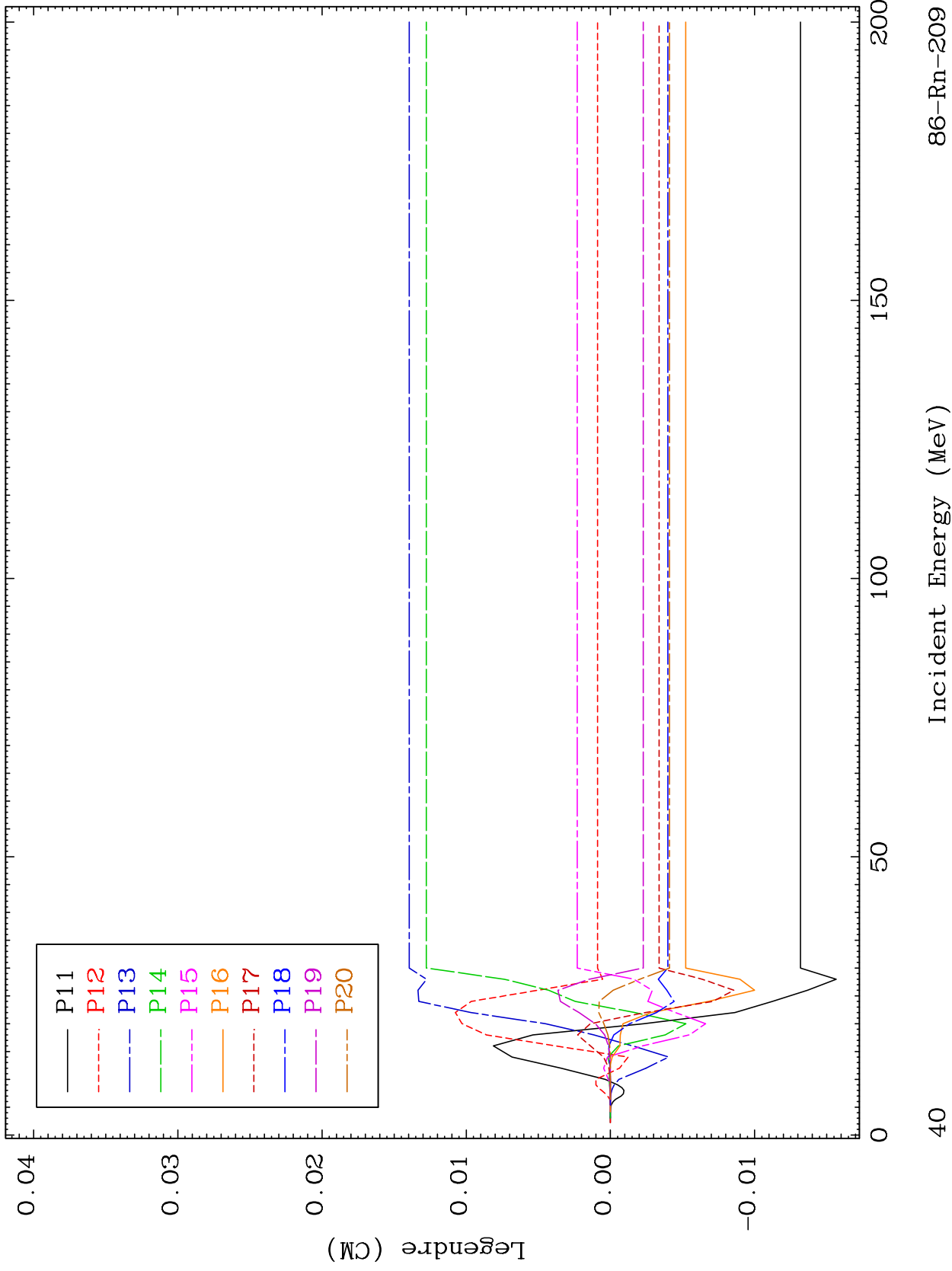
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



86-Rn-209

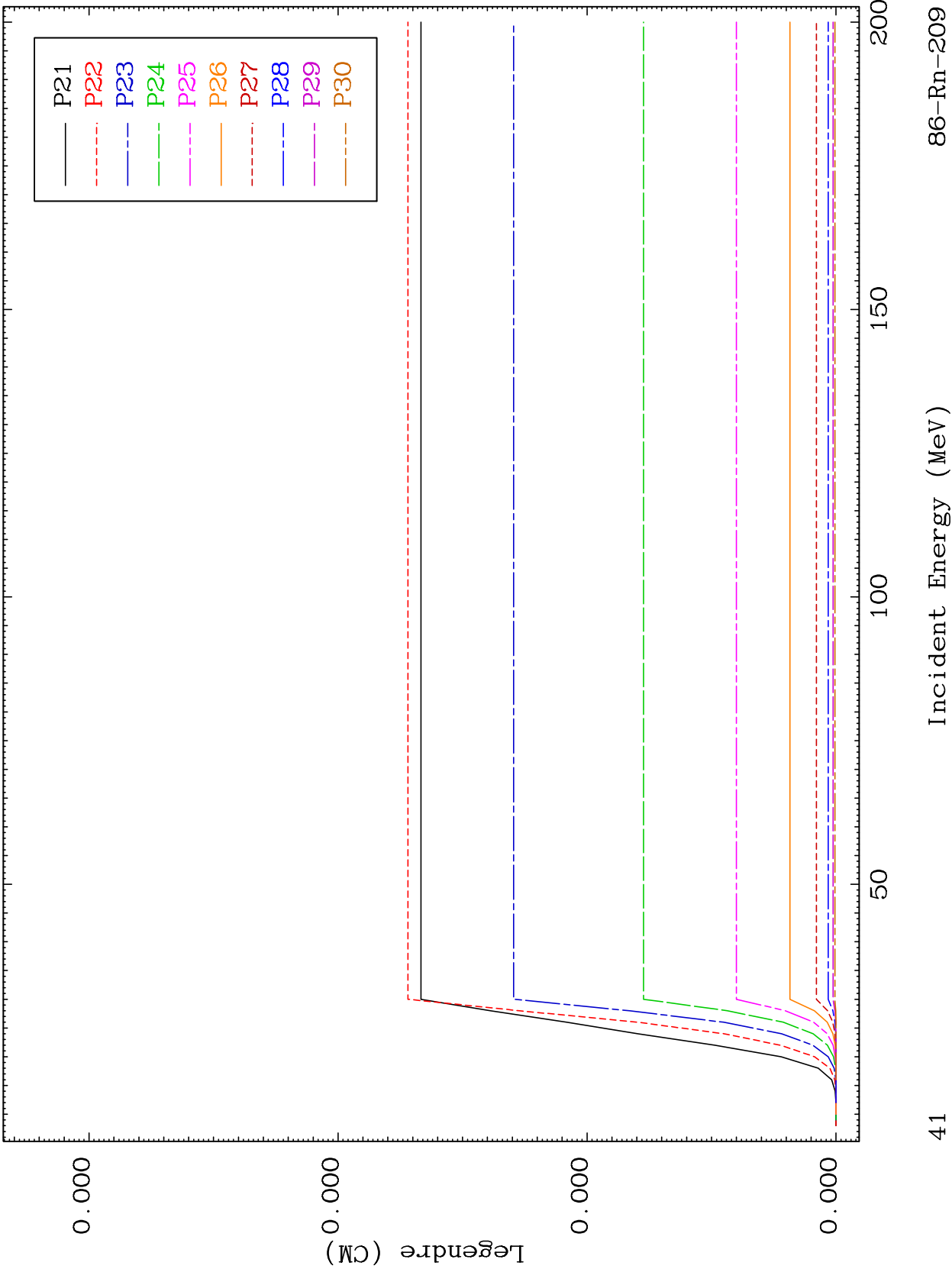
Incident Energy (MeV)

40

MAT 8619

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

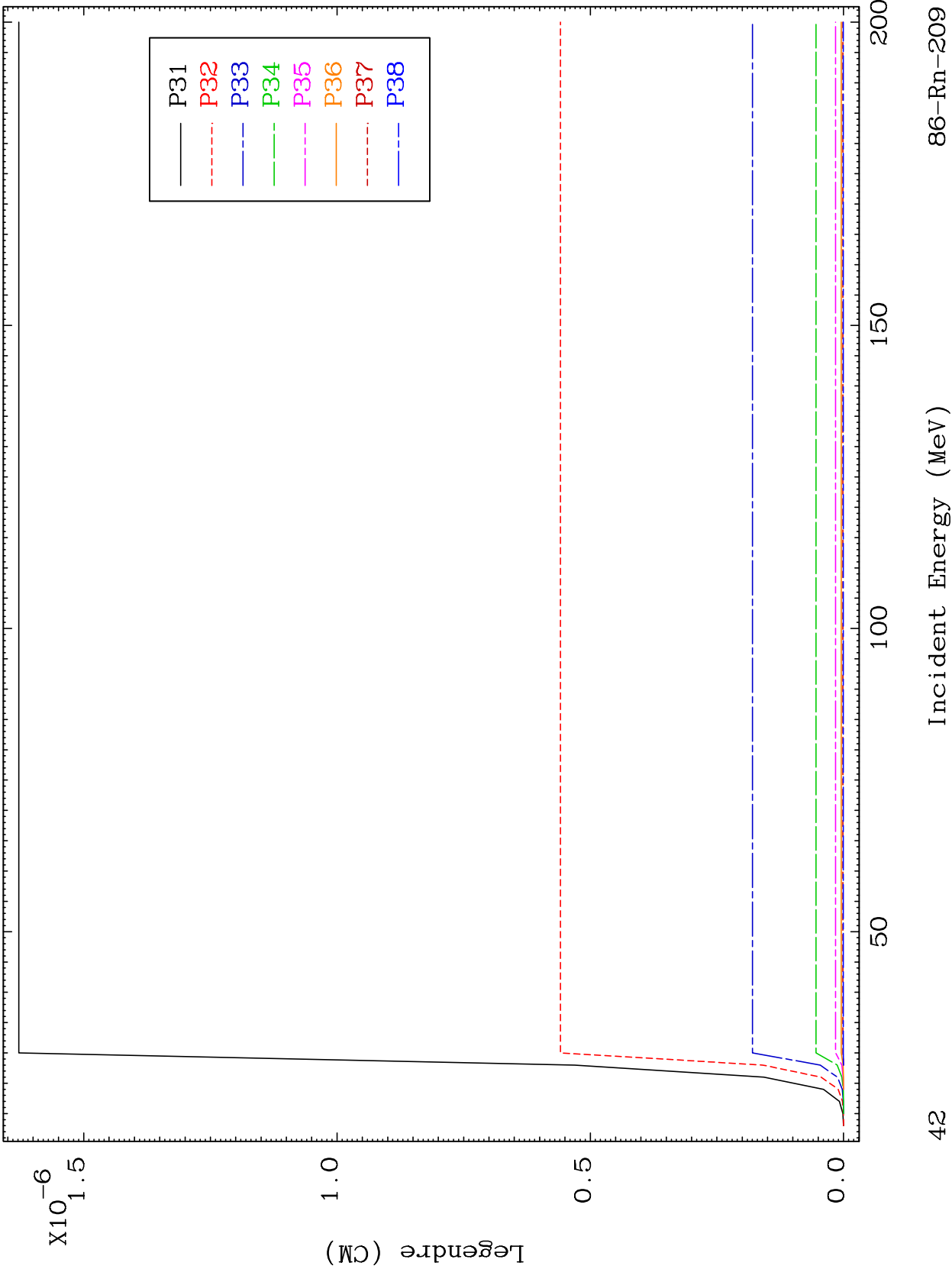
86-Rn-209



MAT 8619

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

86-Rn-209

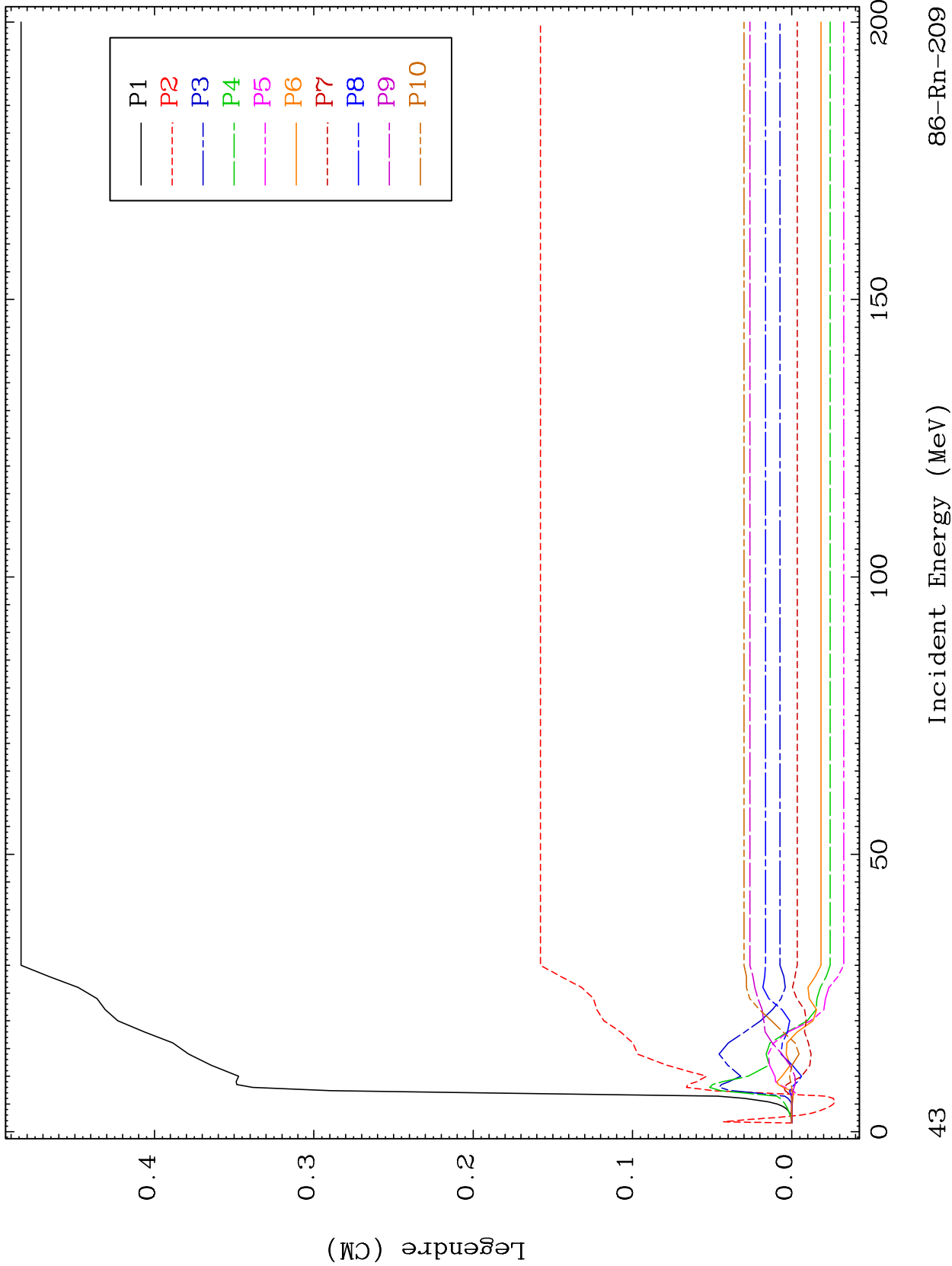


42

MAT 8619

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

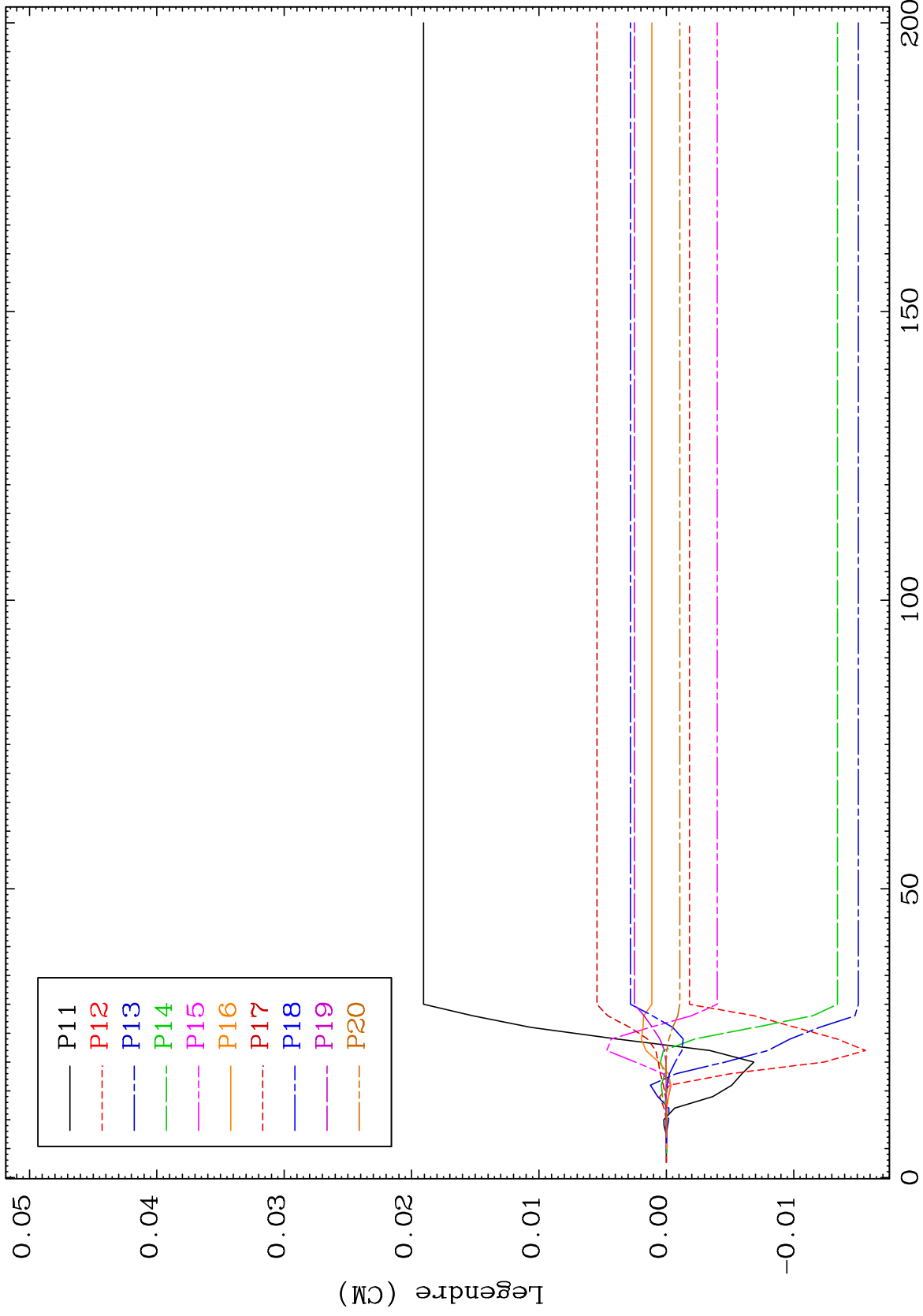
86-Rn-209



MAT 8619

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

86-Rn-209



44

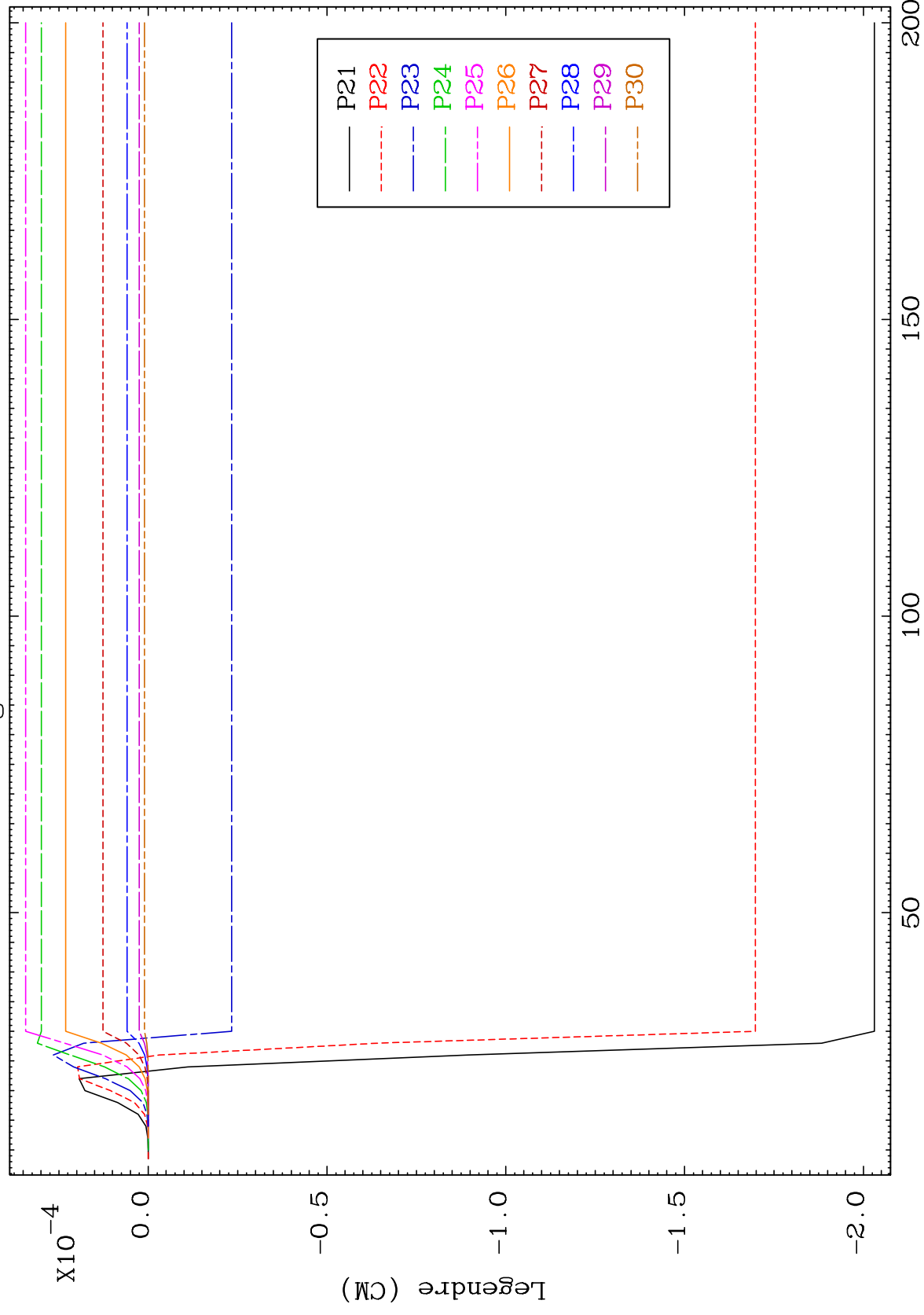
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



45

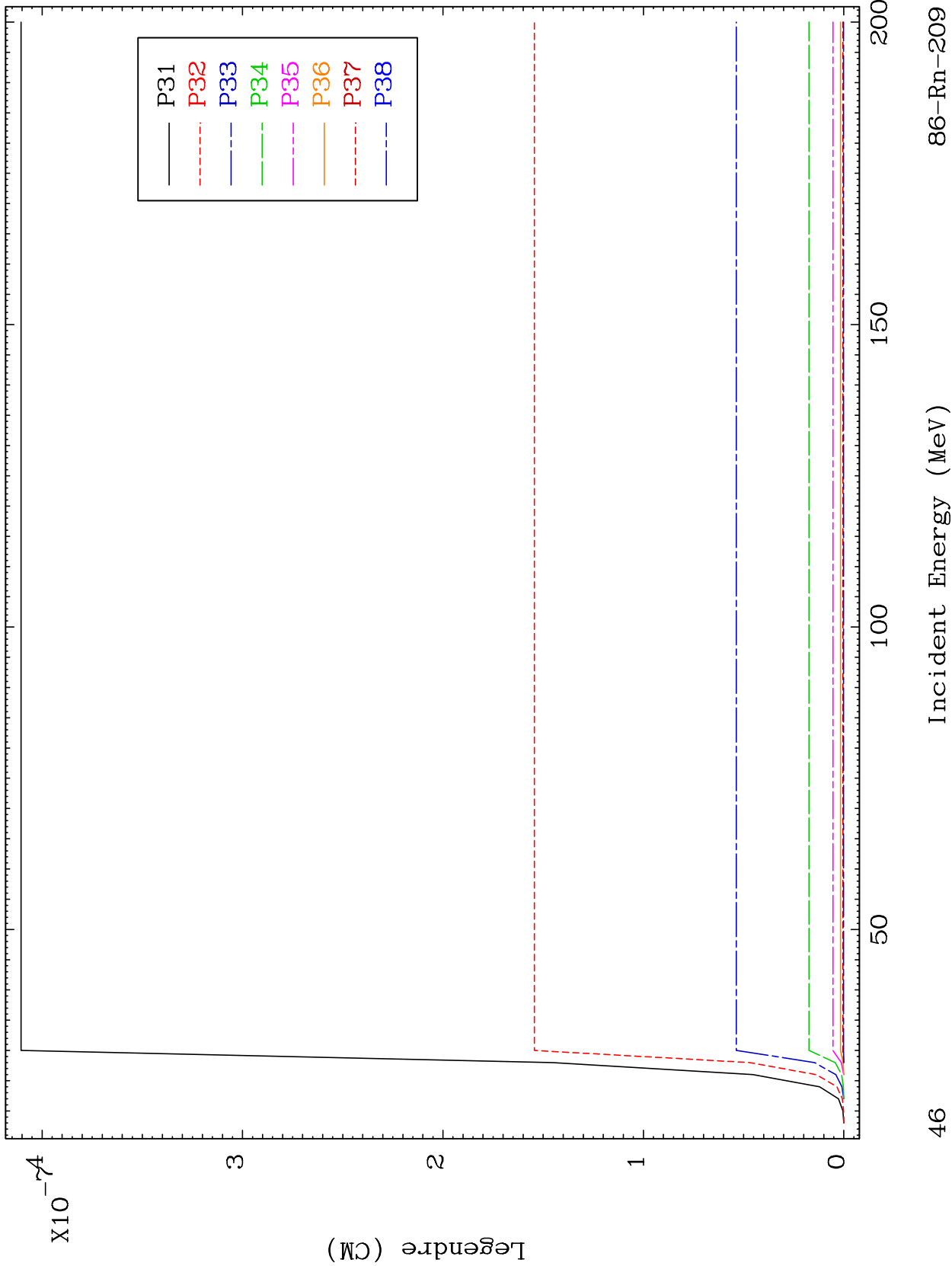
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

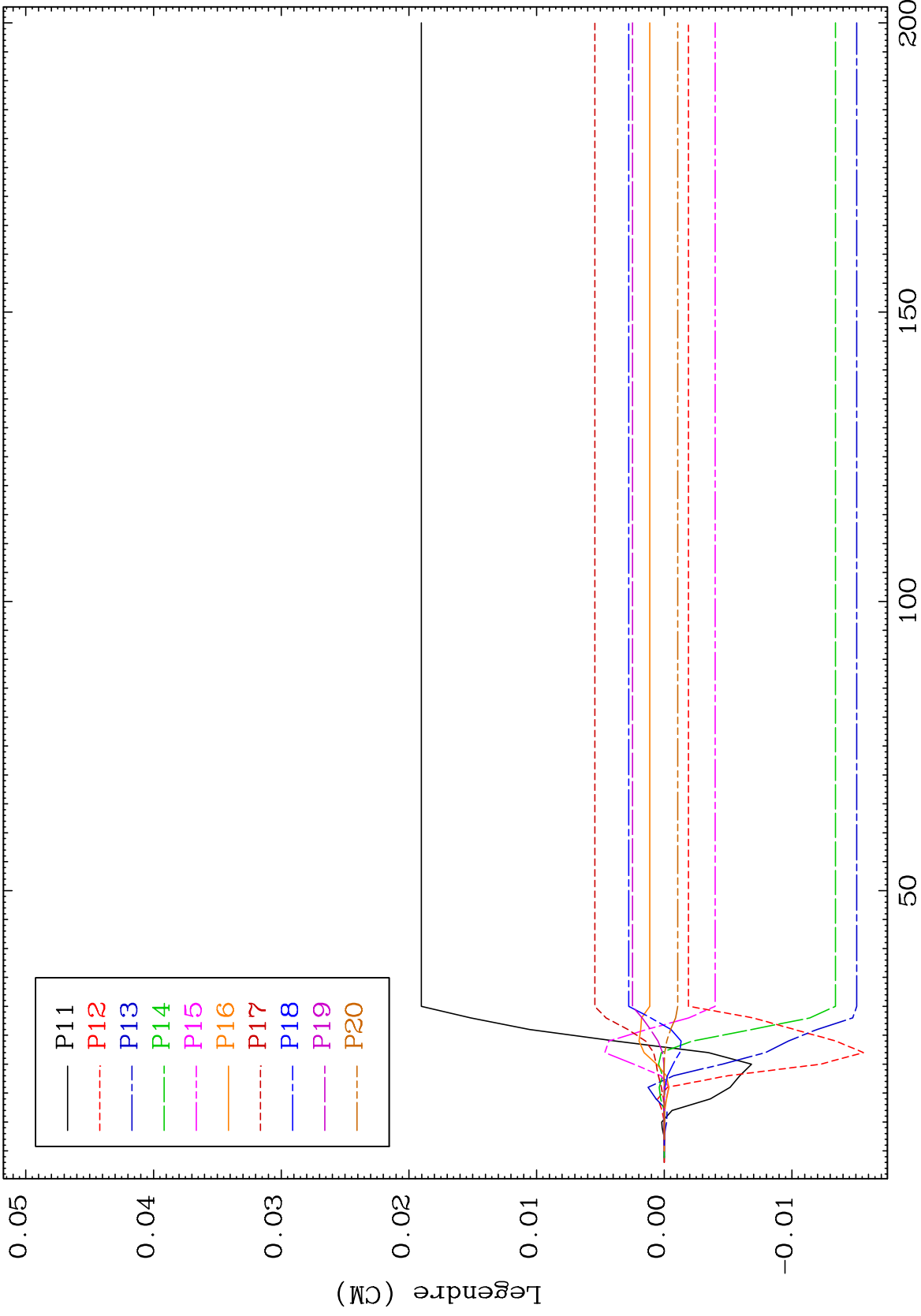
86-Rn-209



MAT 8619

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

86-Rn-209



48

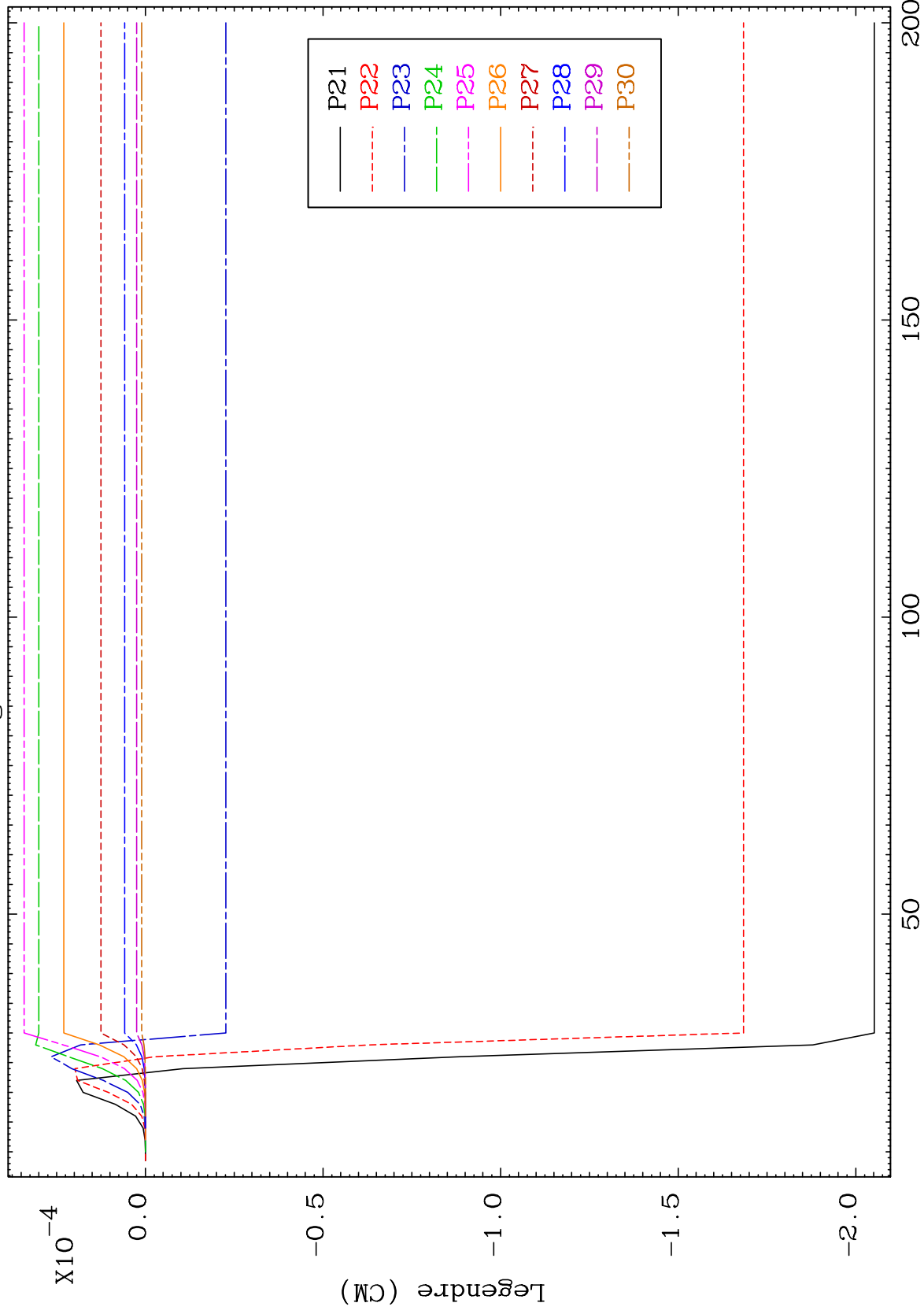
Incident Energy (MeV)

86-Rn-209

MAT 8619

86-Rn-209

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



49

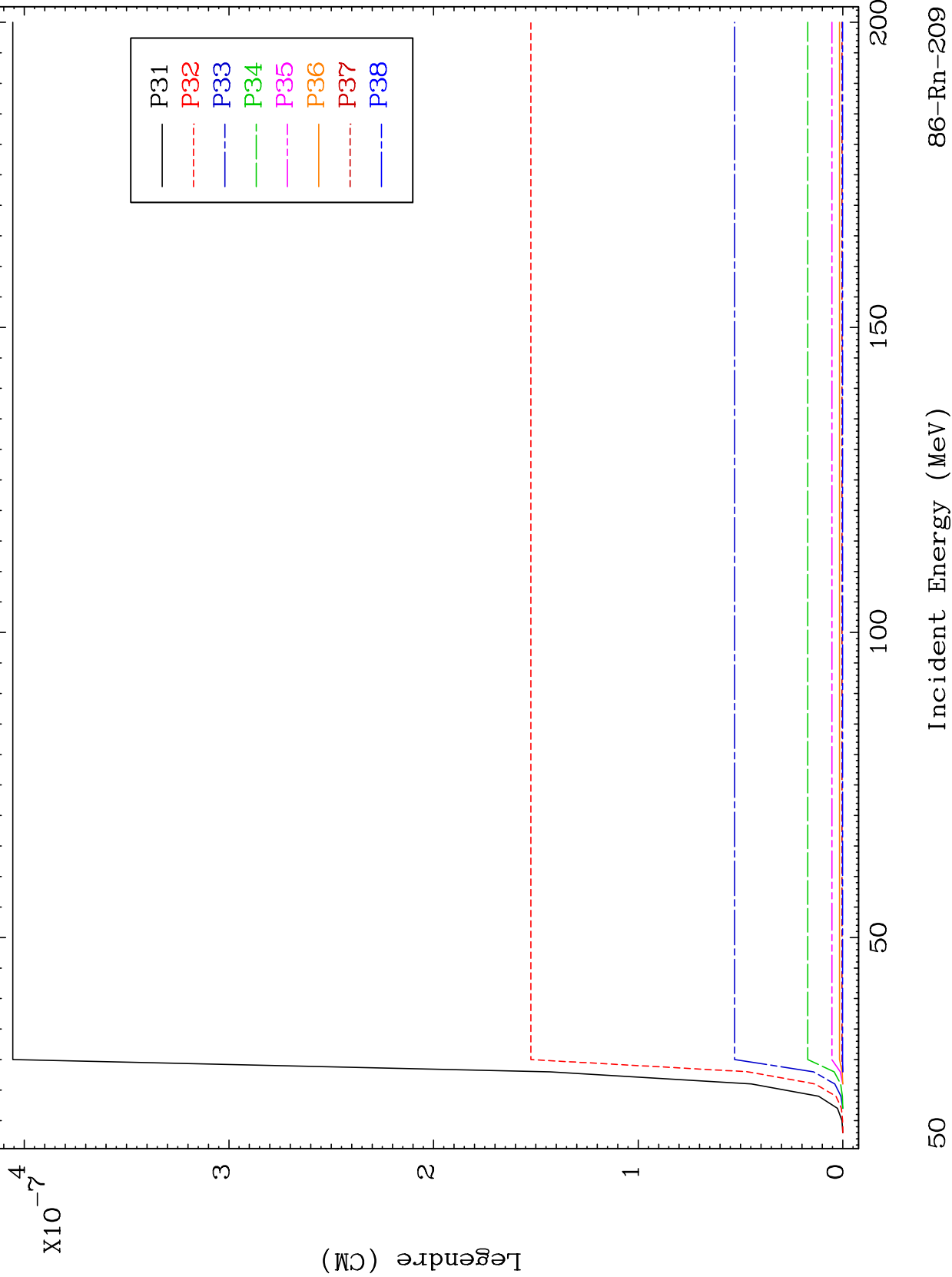
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

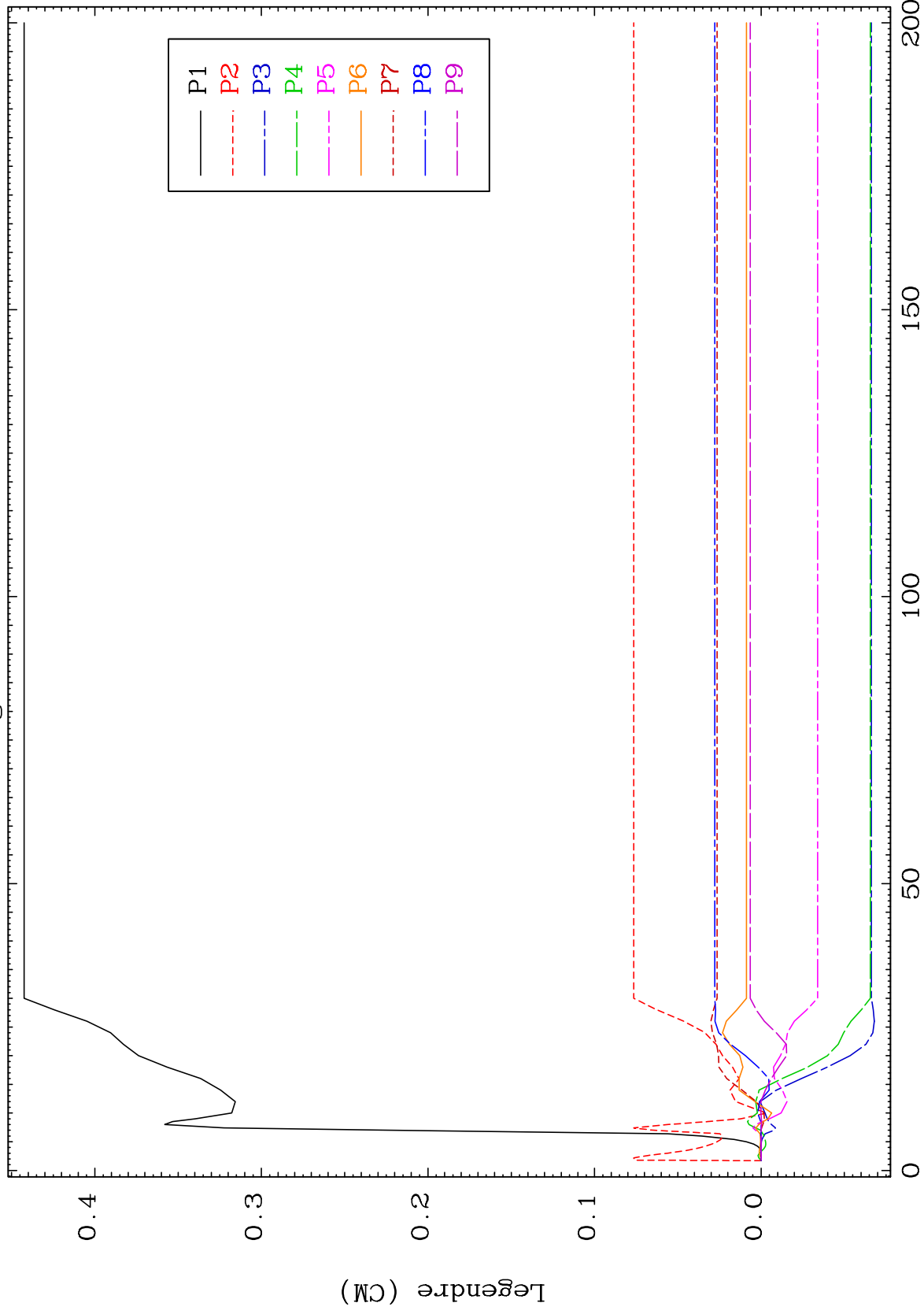
86-Rn-209



MAT 8619

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

86-Rn-209



51

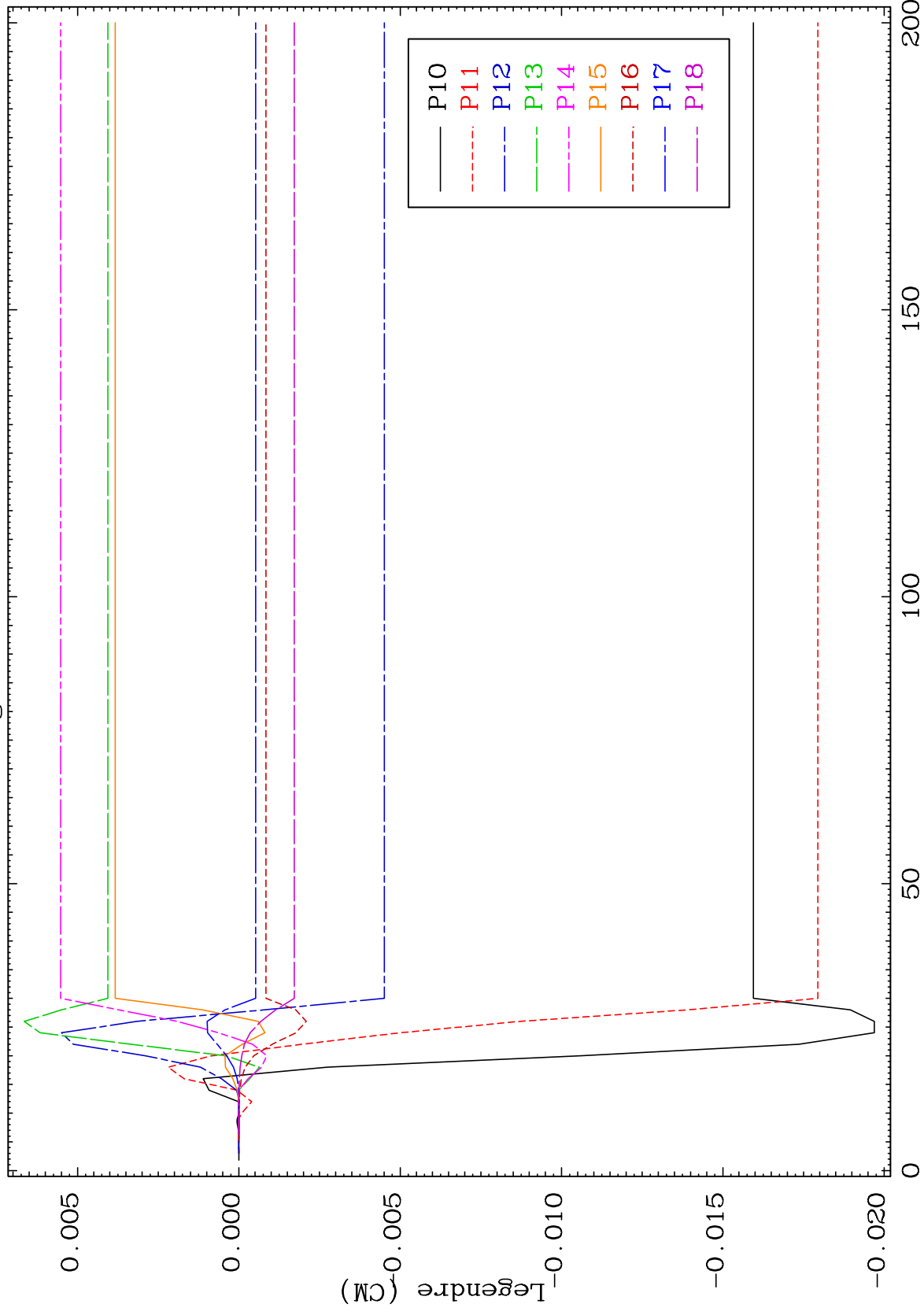
Incident Energy (MeV)

86-Rn-209

MAT 8619

86-Rn-209

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



52

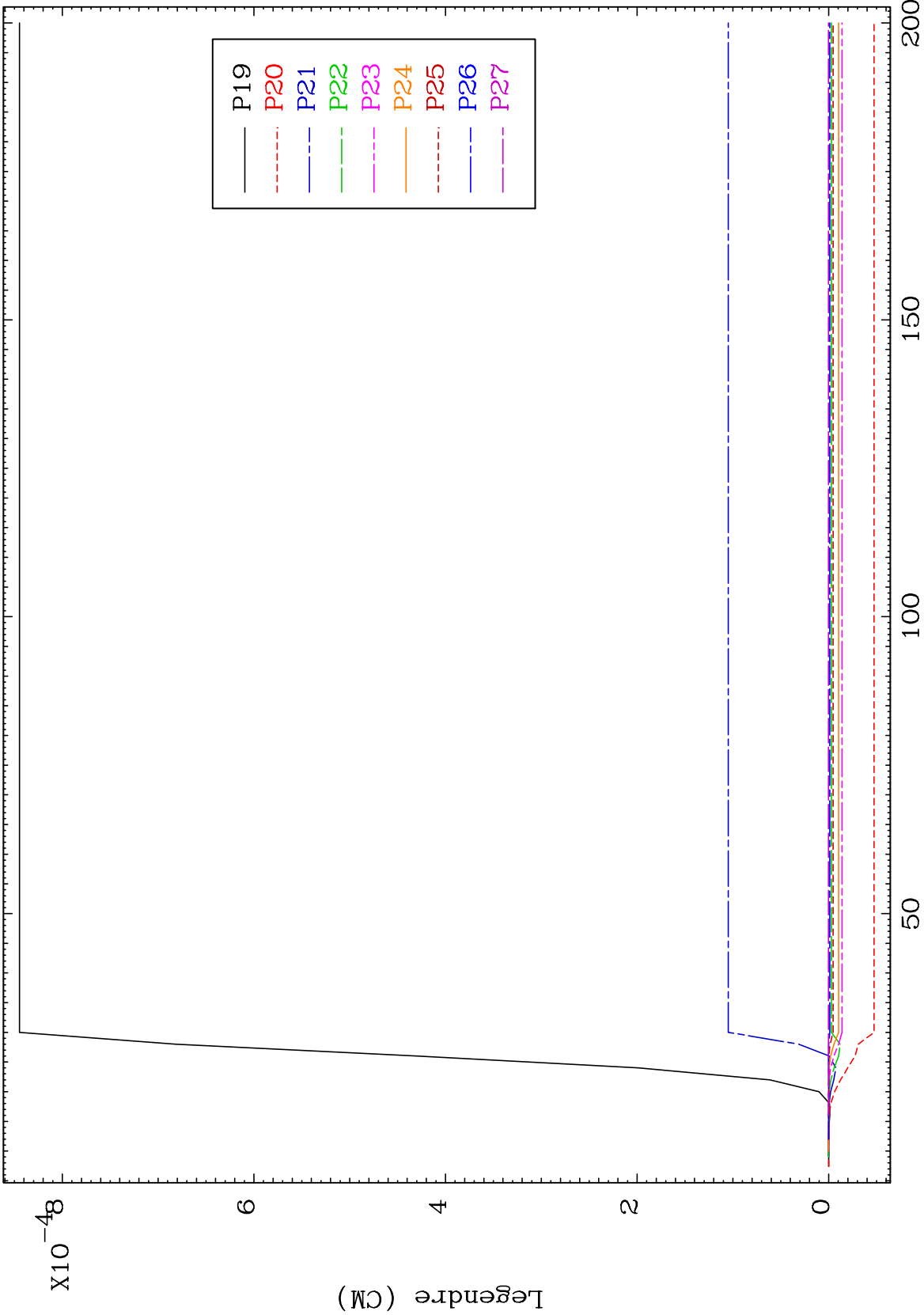
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



53

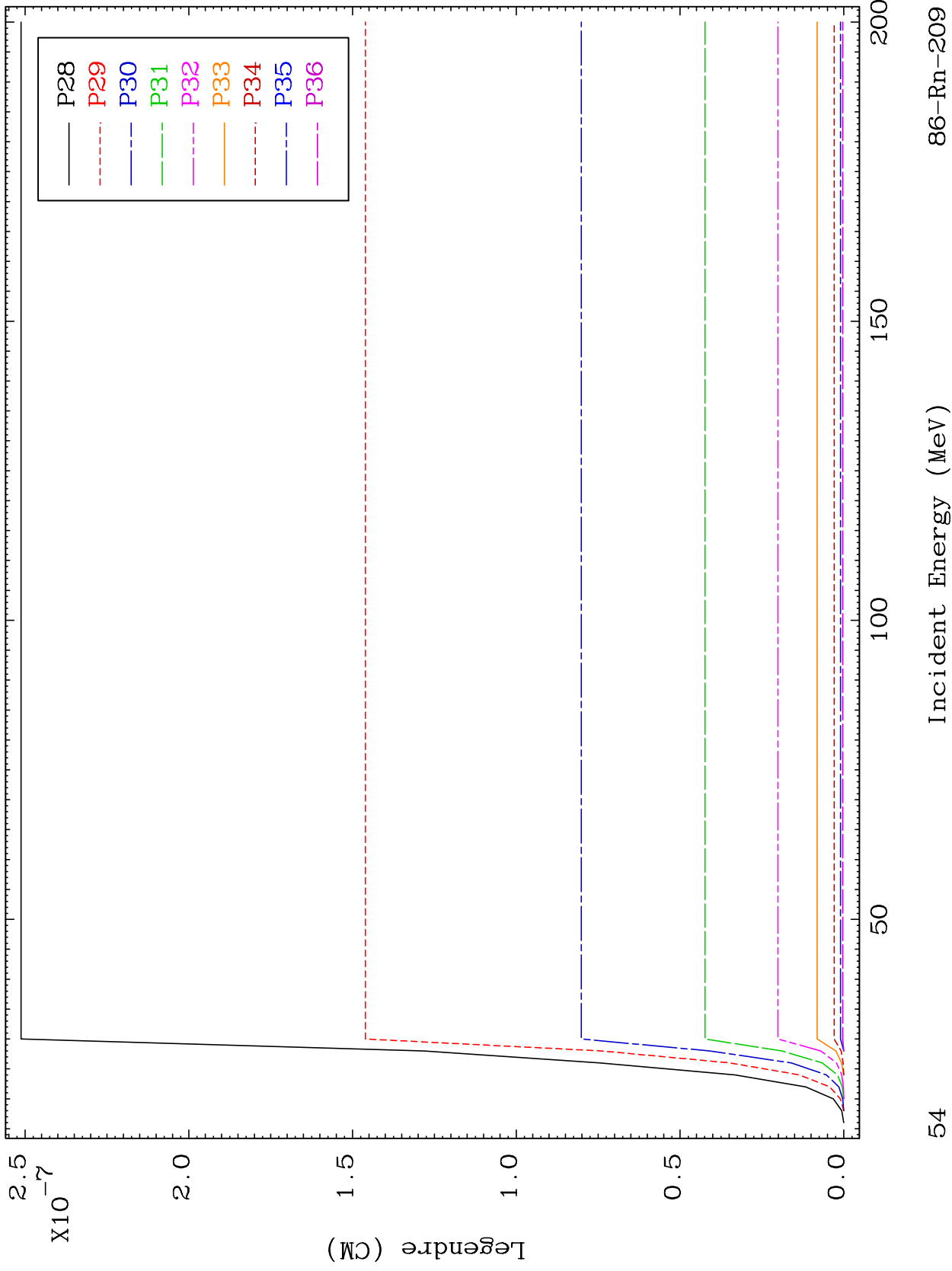
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



54

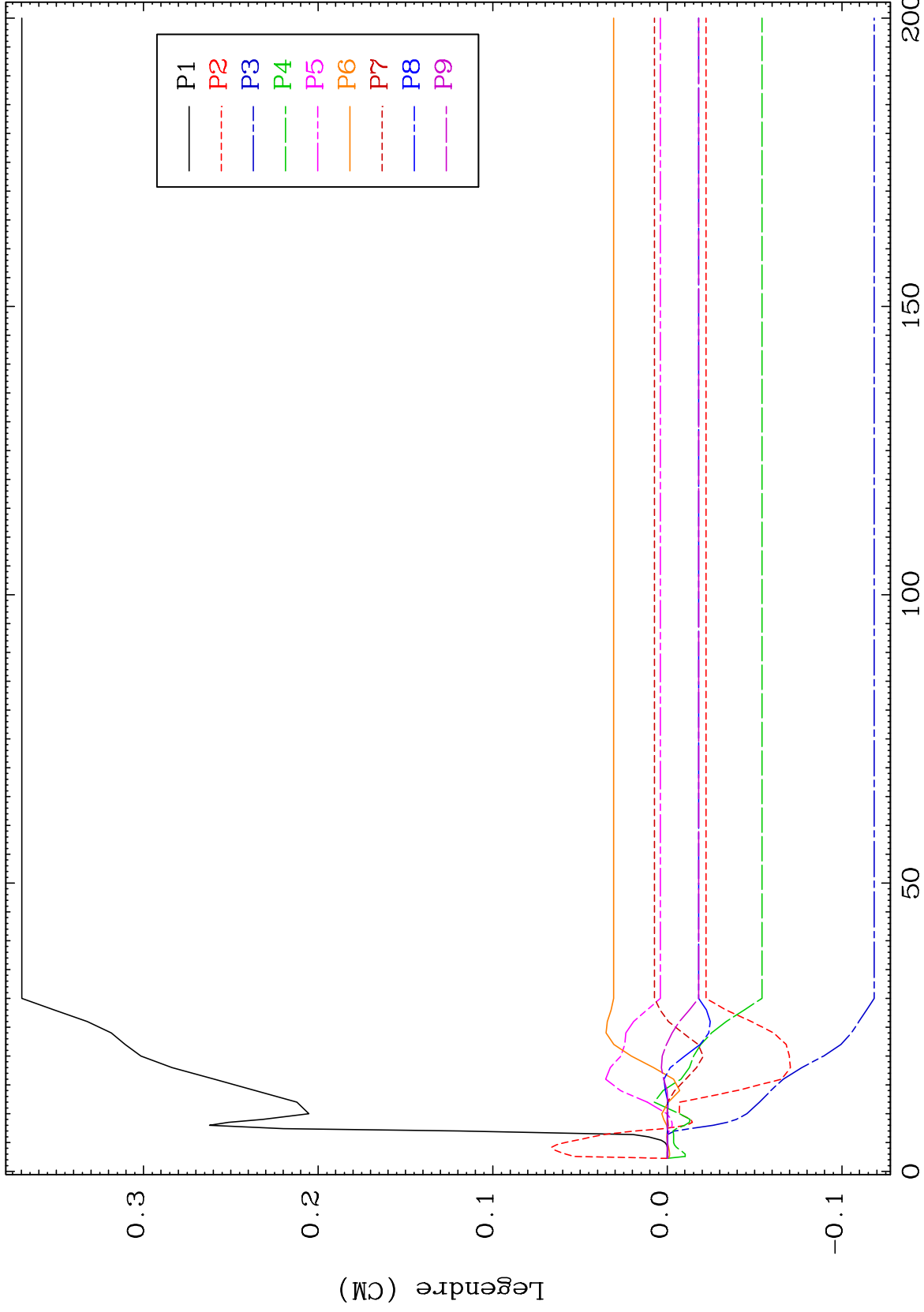
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



86-Rn-209

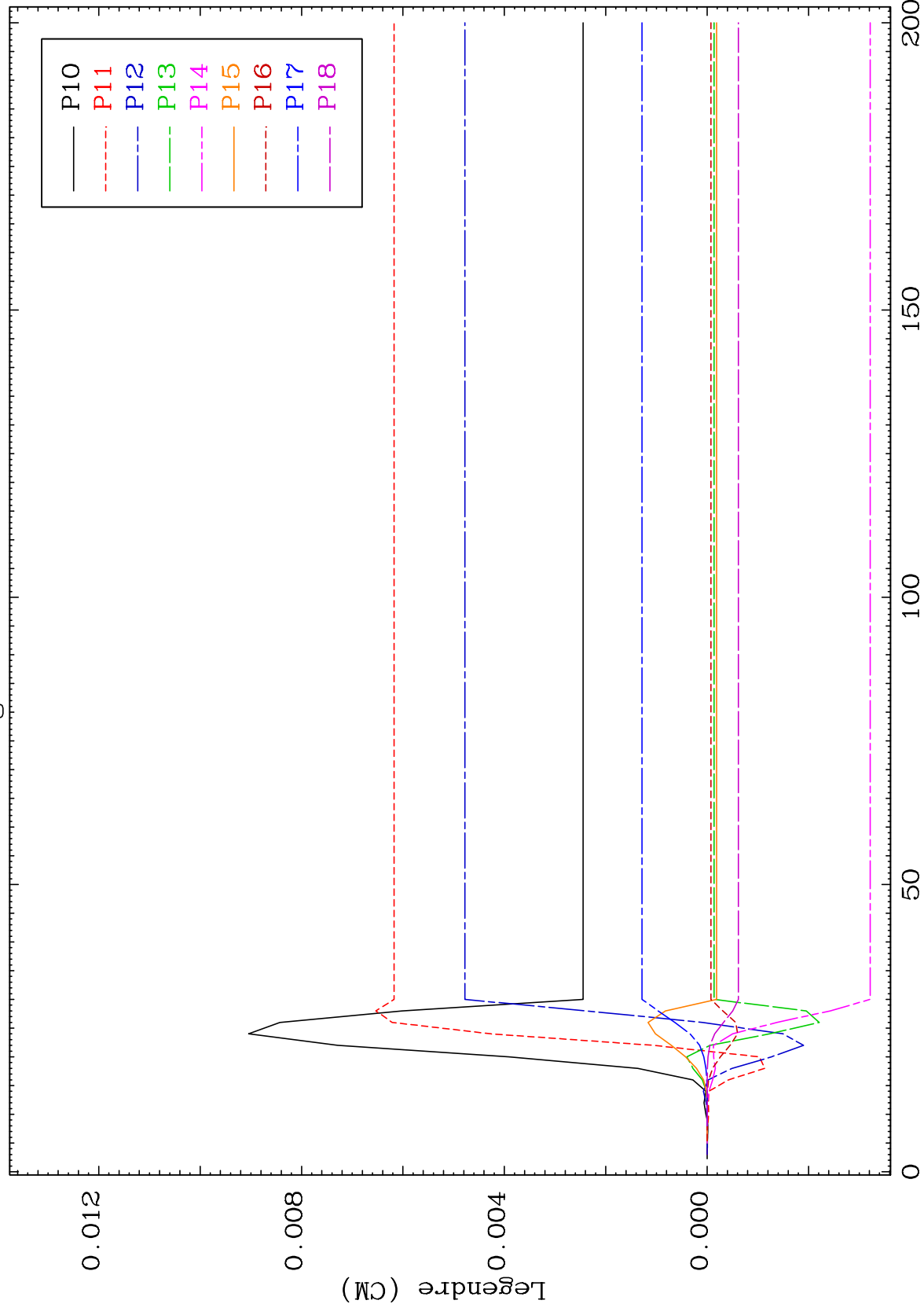
Incident Energy (MeV)

55

MAT 8619

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

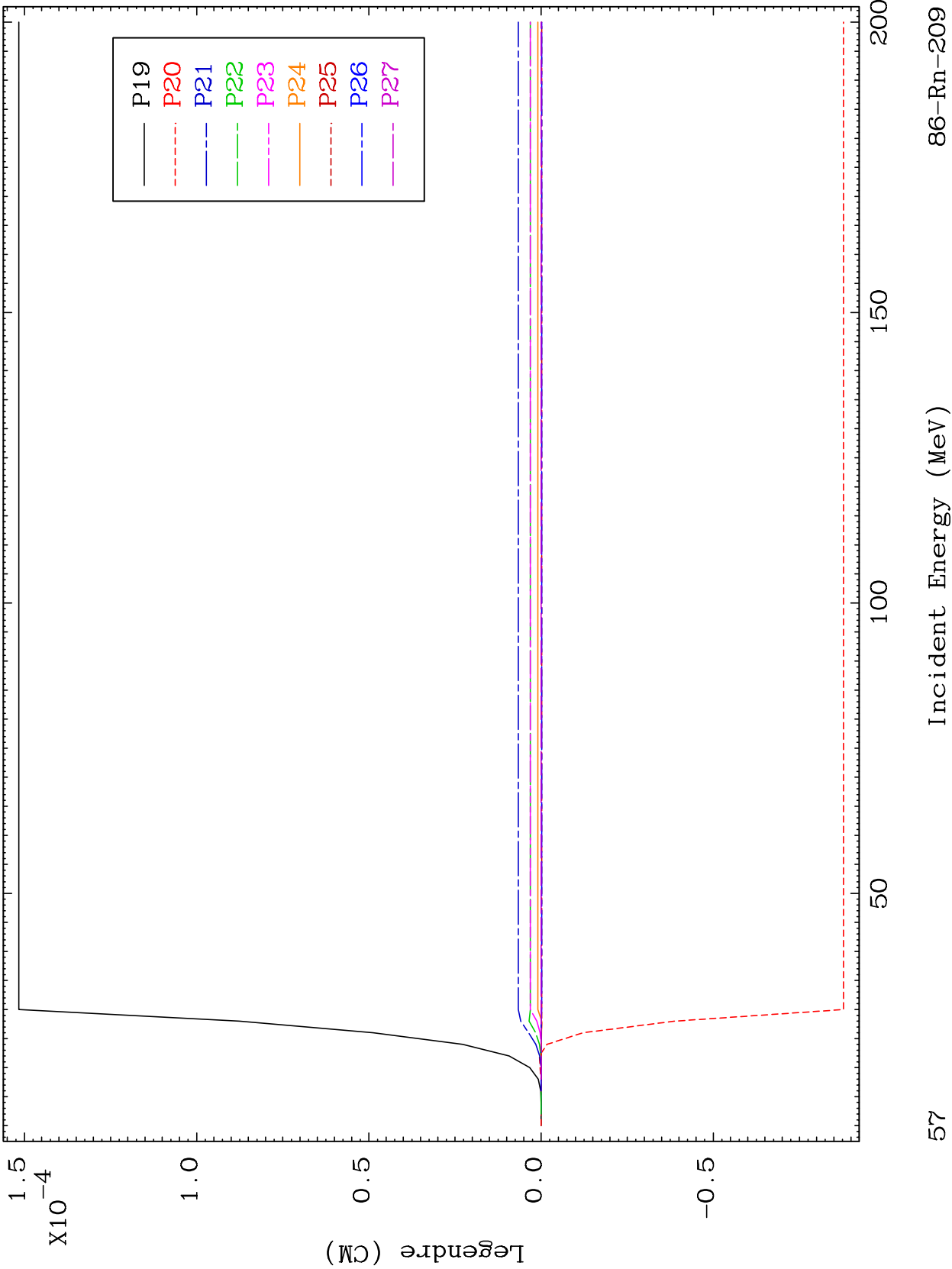
86-Rn-209

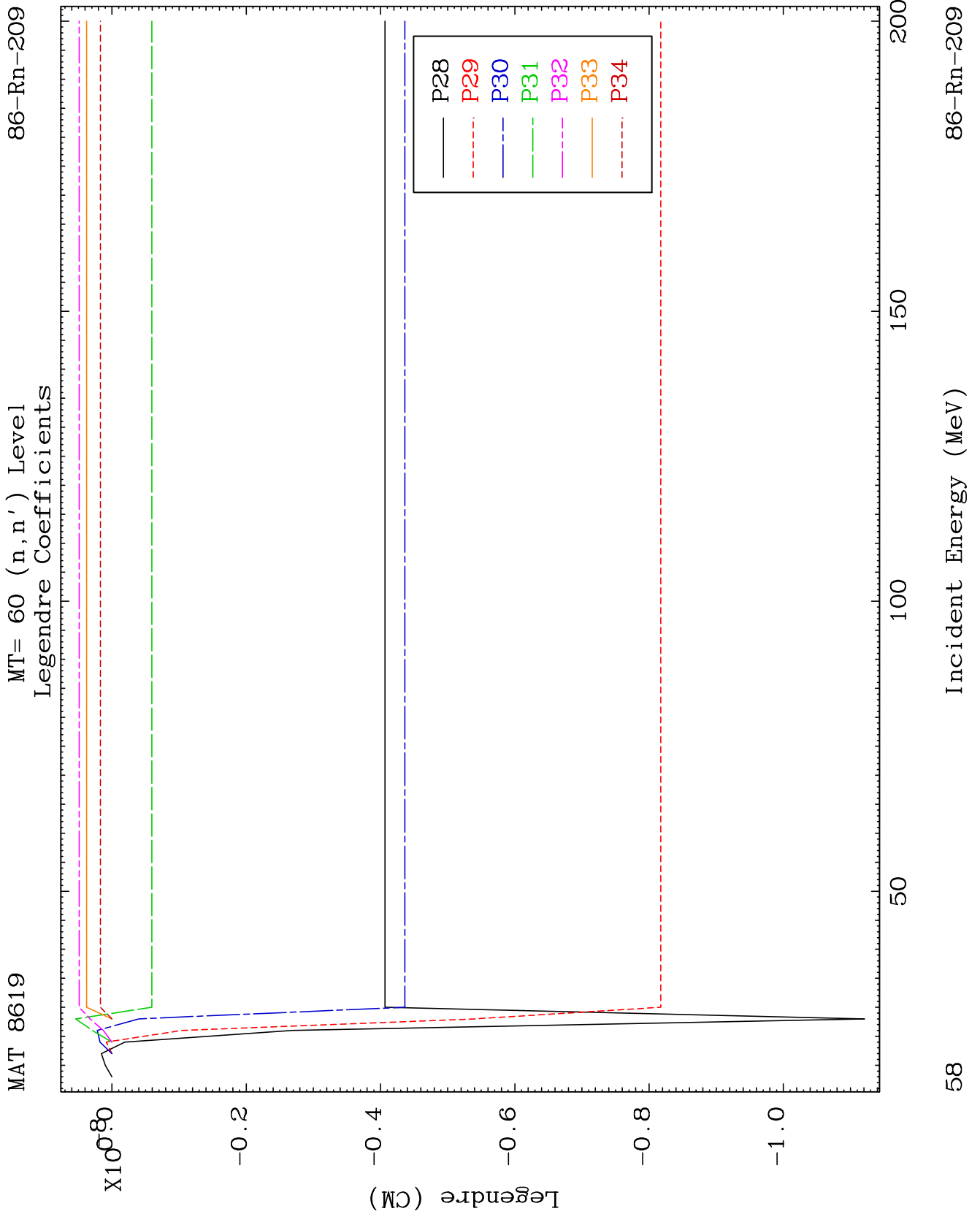


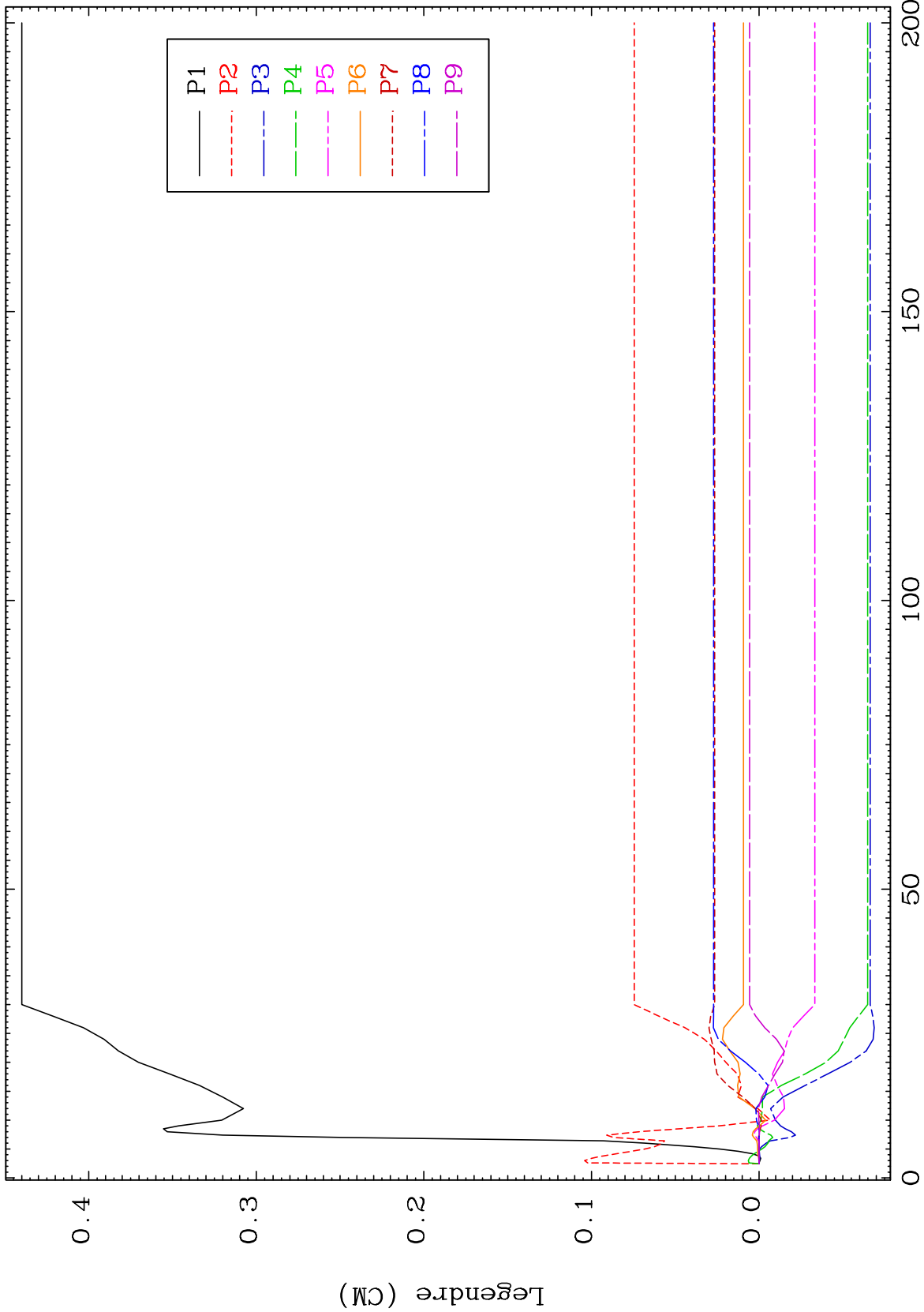
56

Incident Energy (MeV)

86-Rn-209



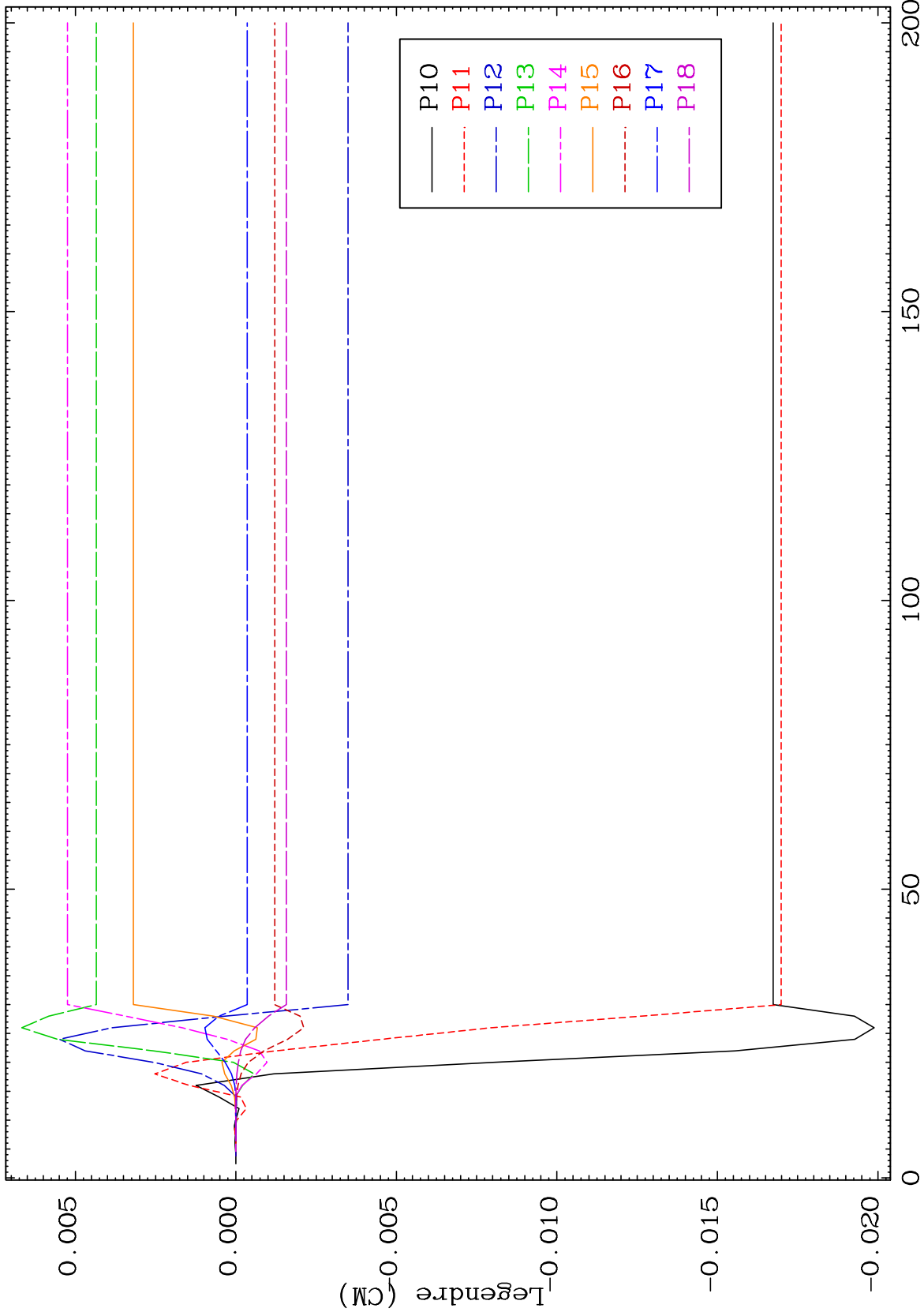




MAT 8619

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

86-Rn-209



60

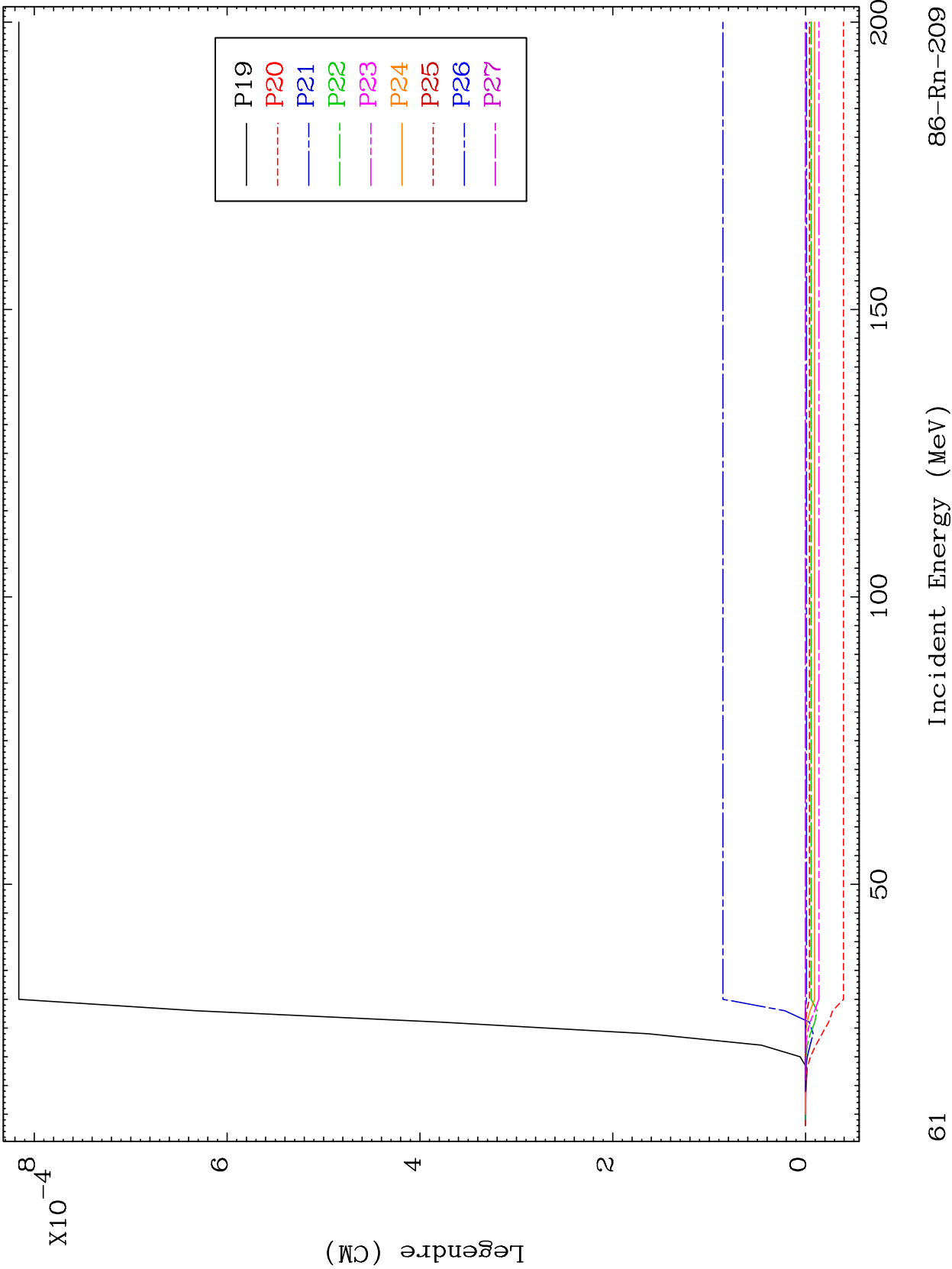
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

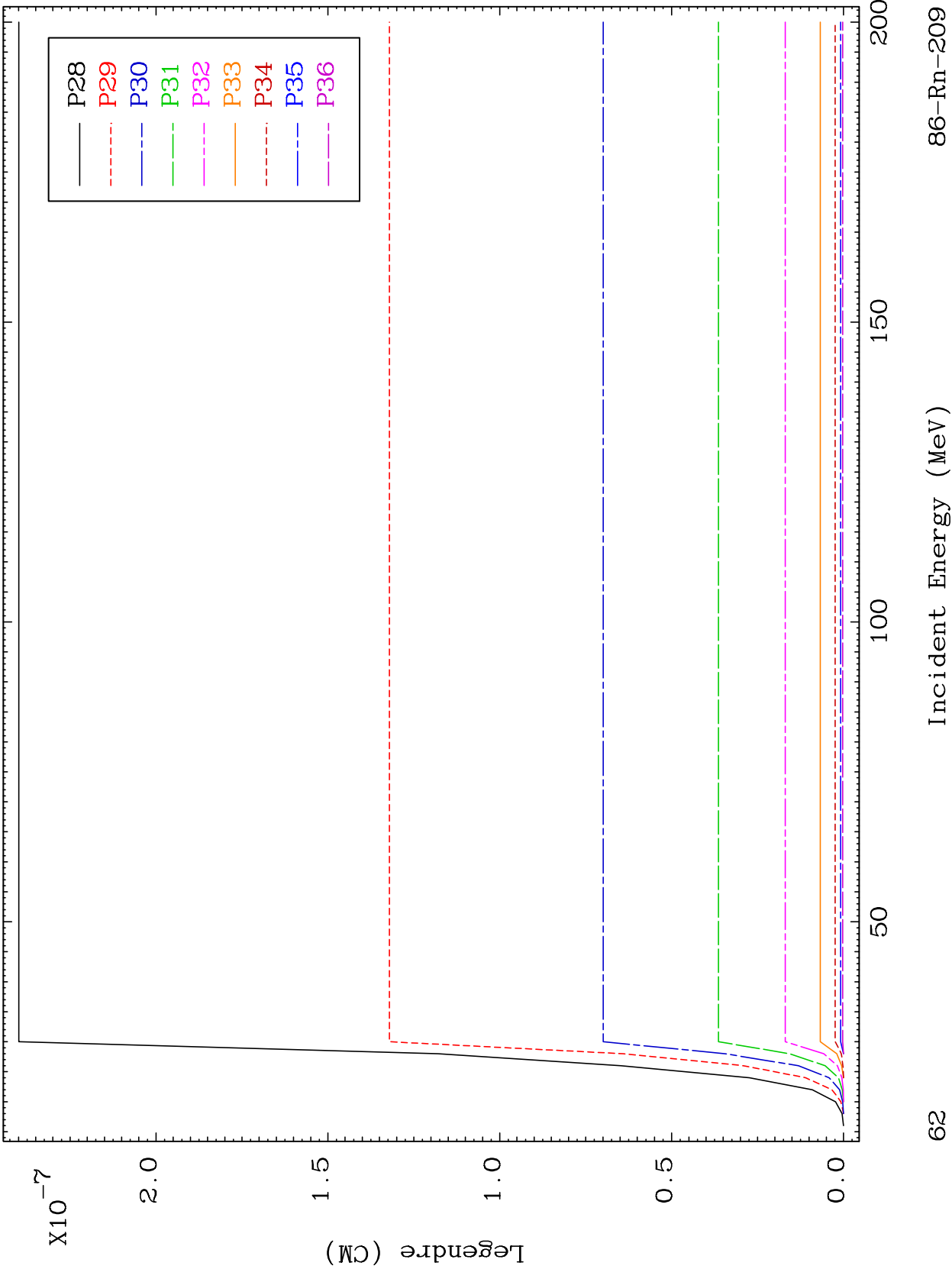
86-Rn-209



MAT 8619

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

86-Rn-209



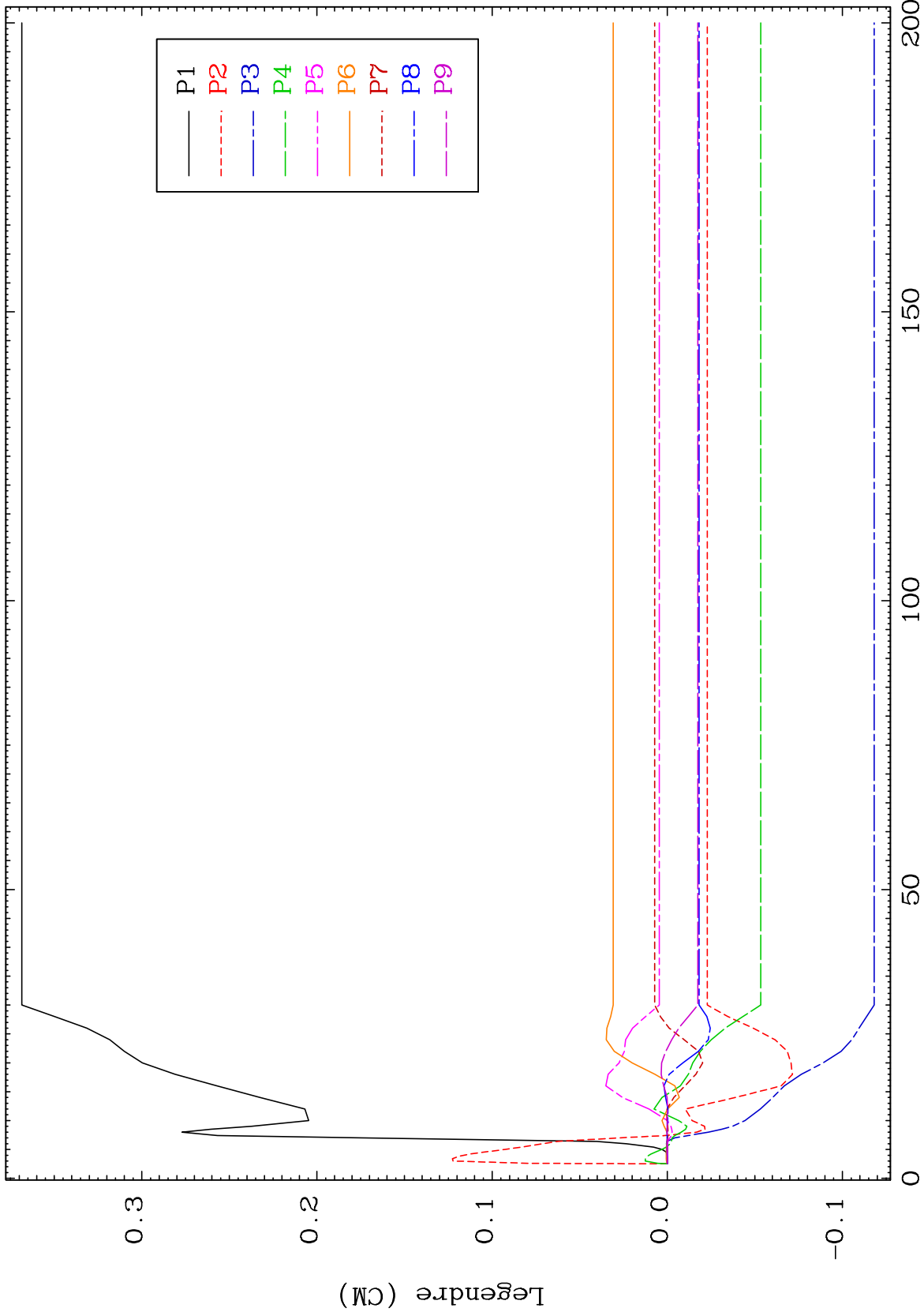
62

86-Rn-209

MAT 8619

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

86-Rn-209



63

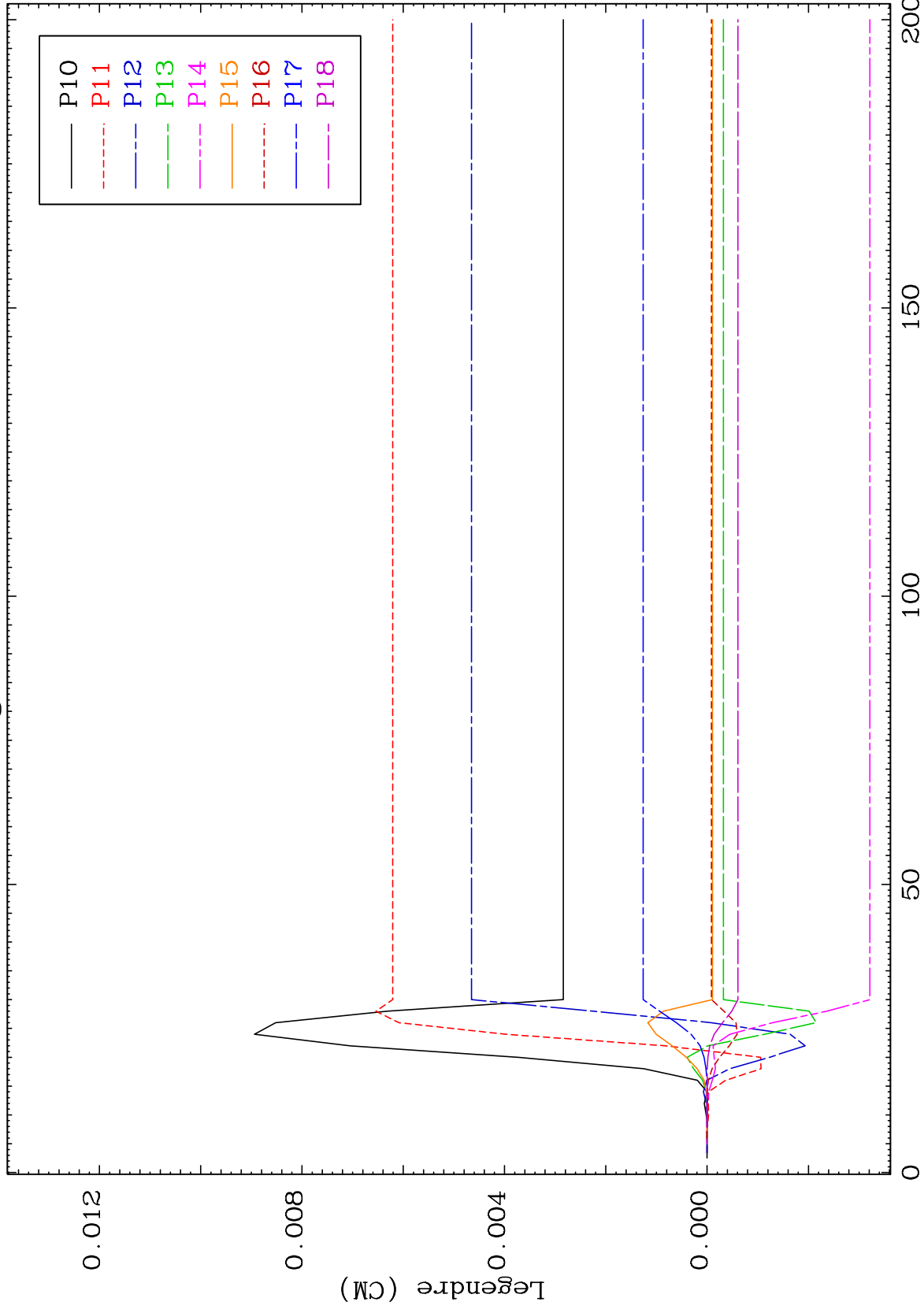
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



64

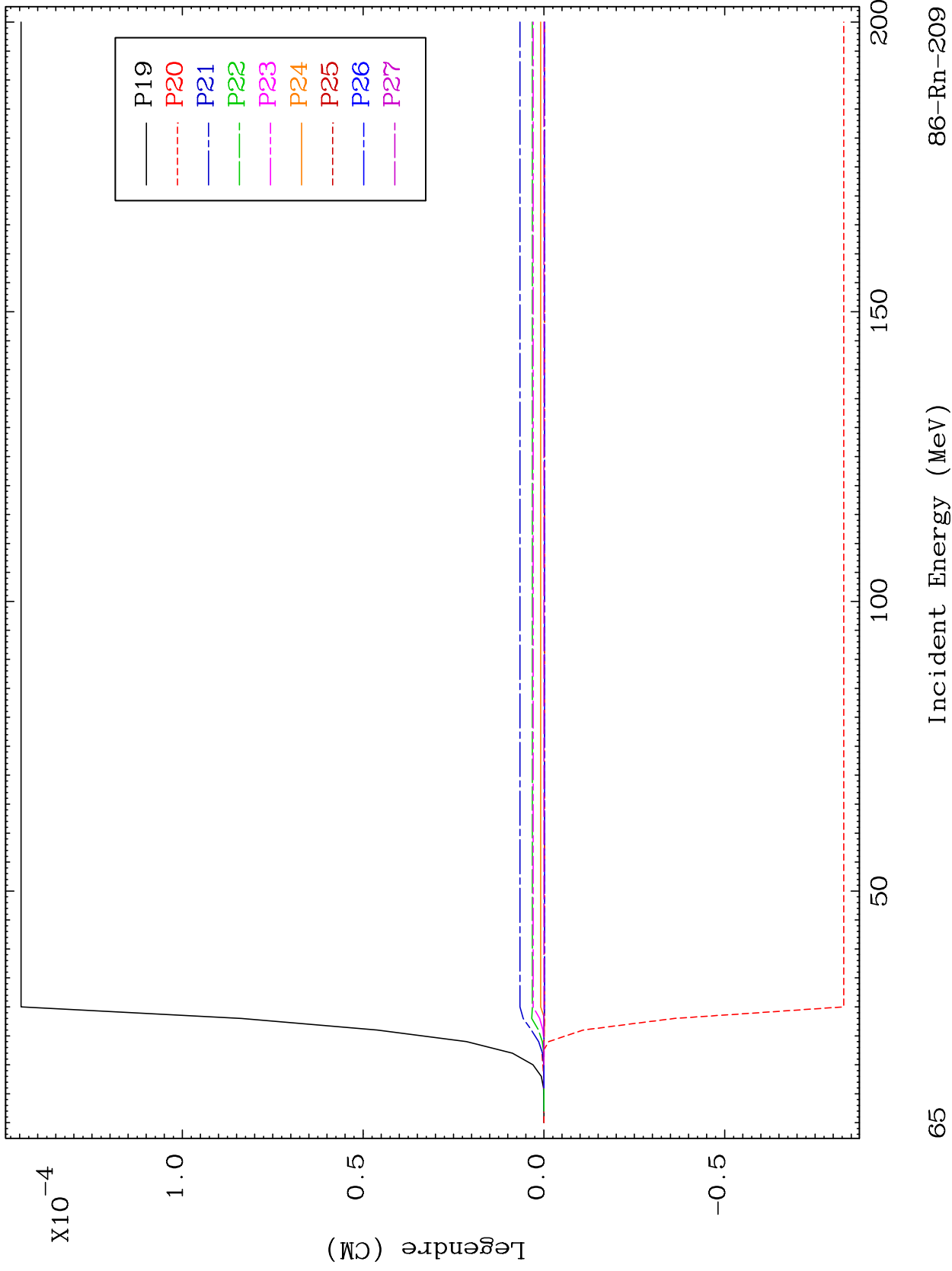
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

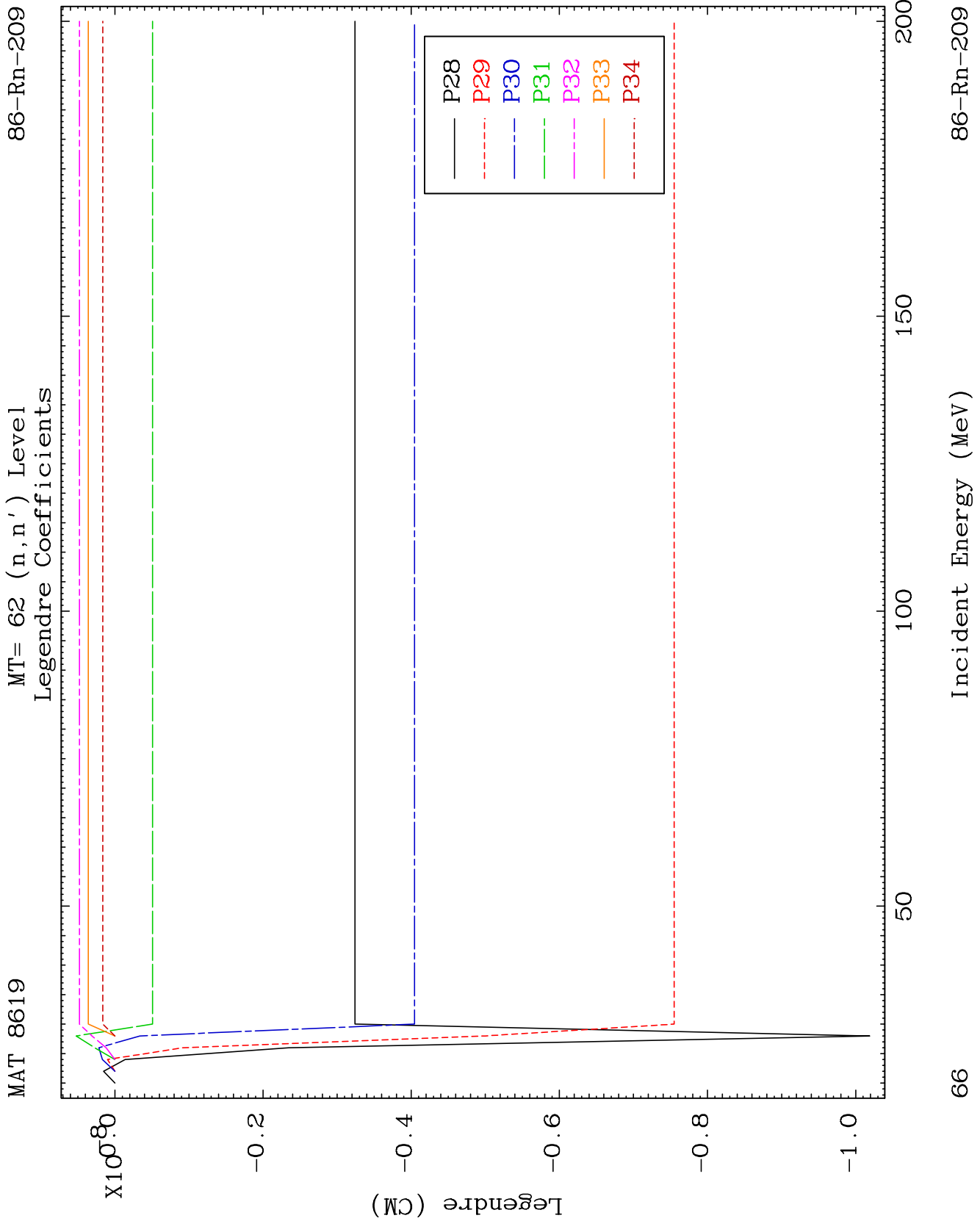
86-Rn-209



65

Incident Energy (MeV)

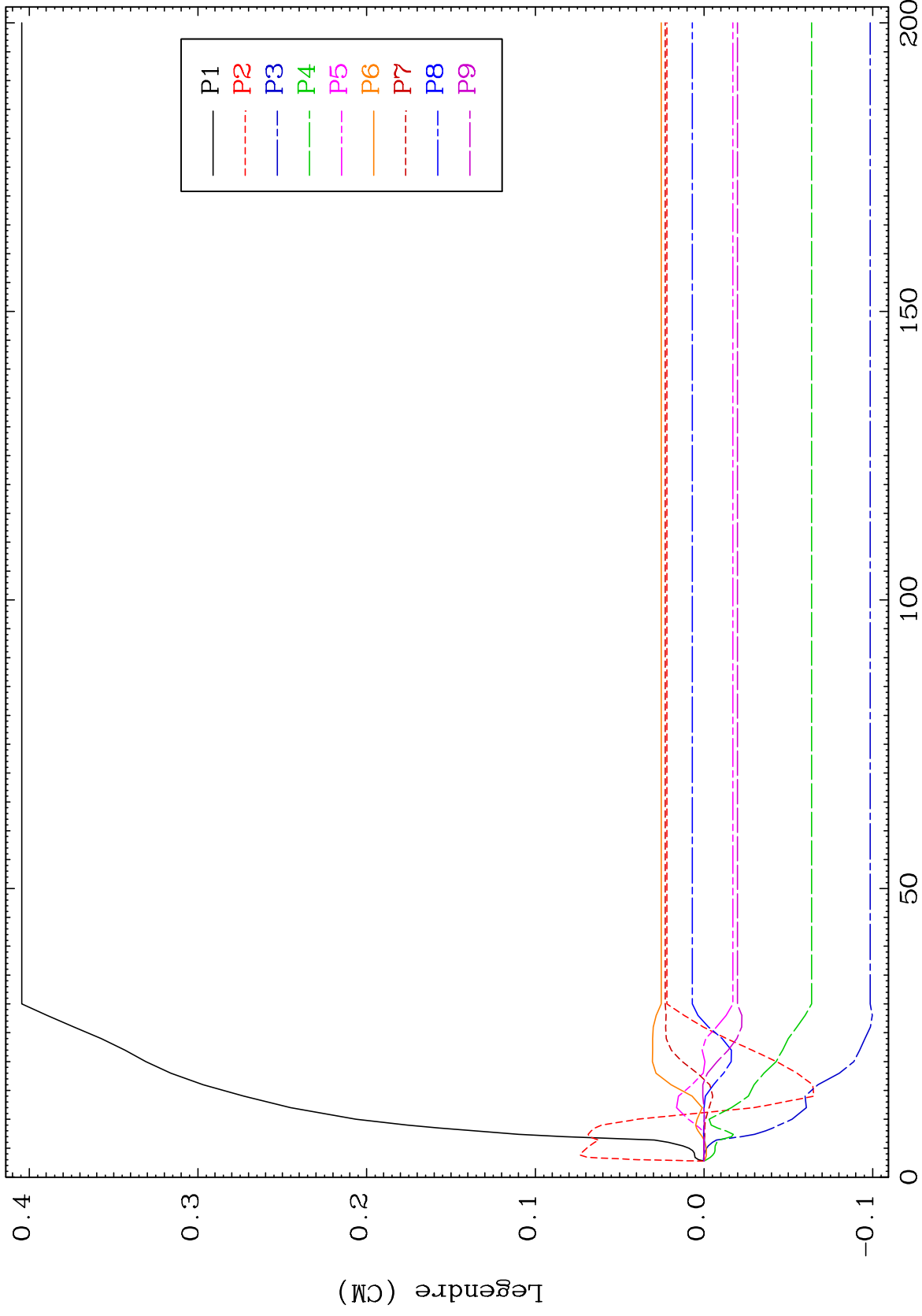
86-Rn-209



MAT 8619

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

86-Rn-209



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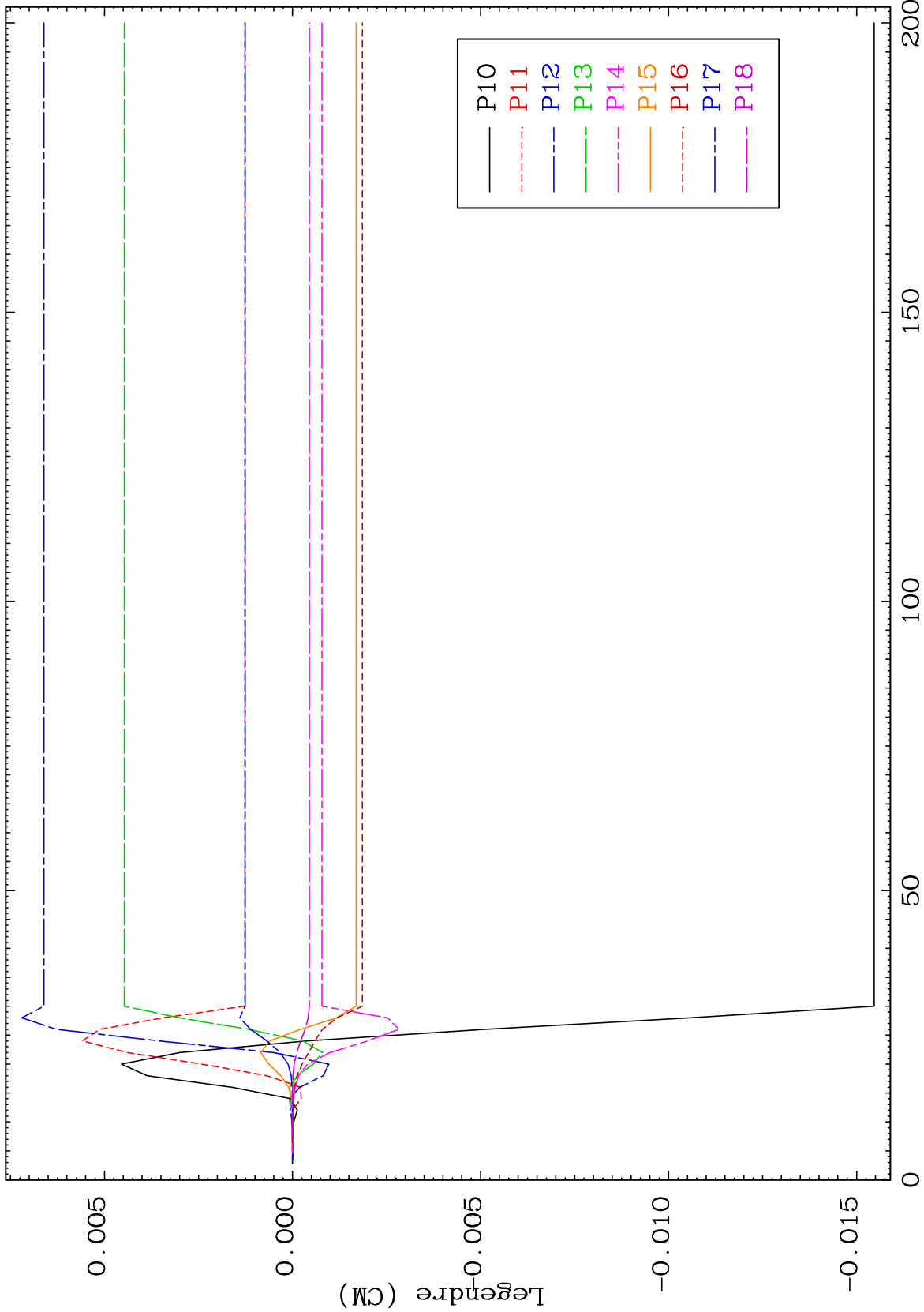
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



68

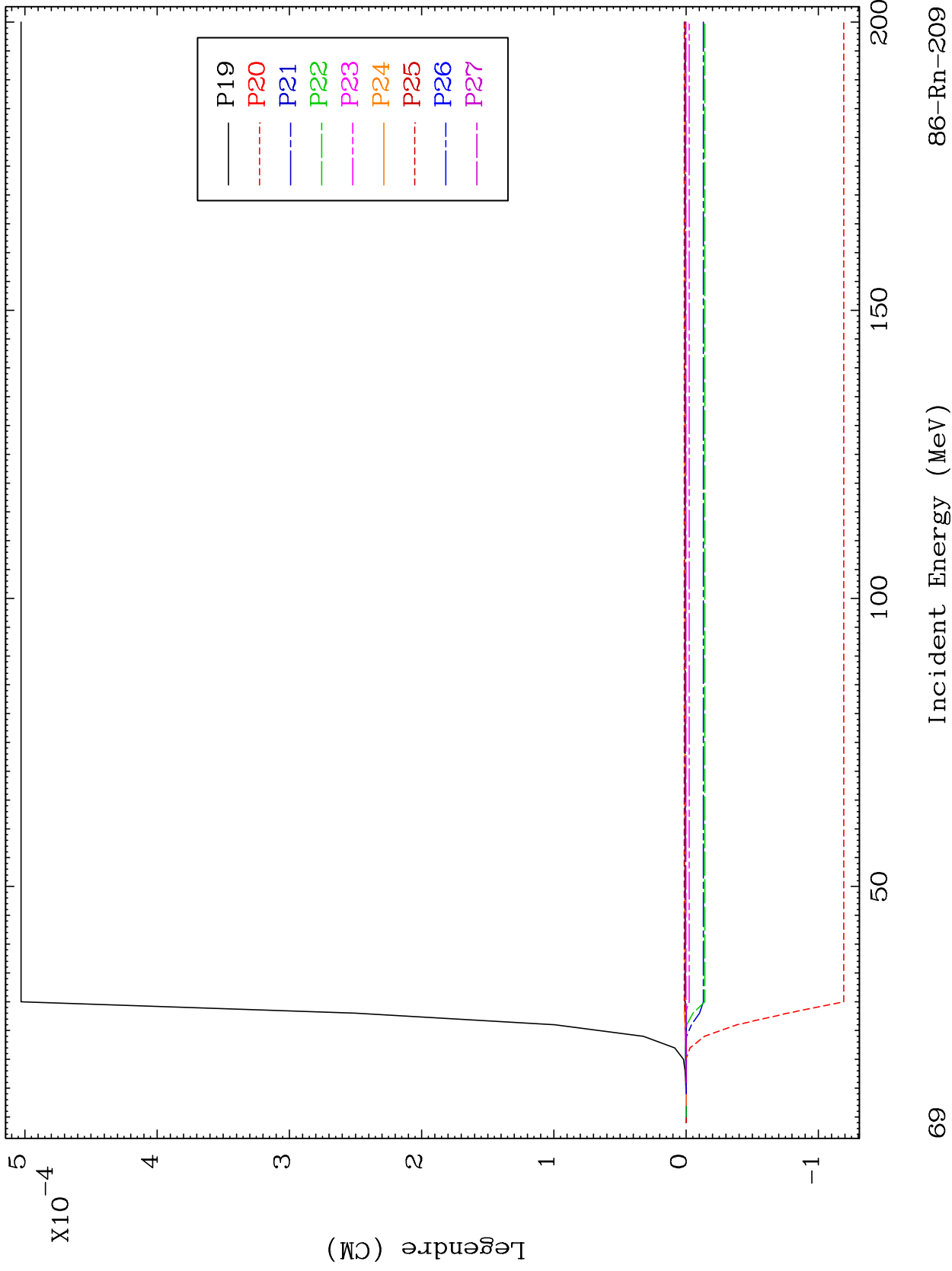
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



69

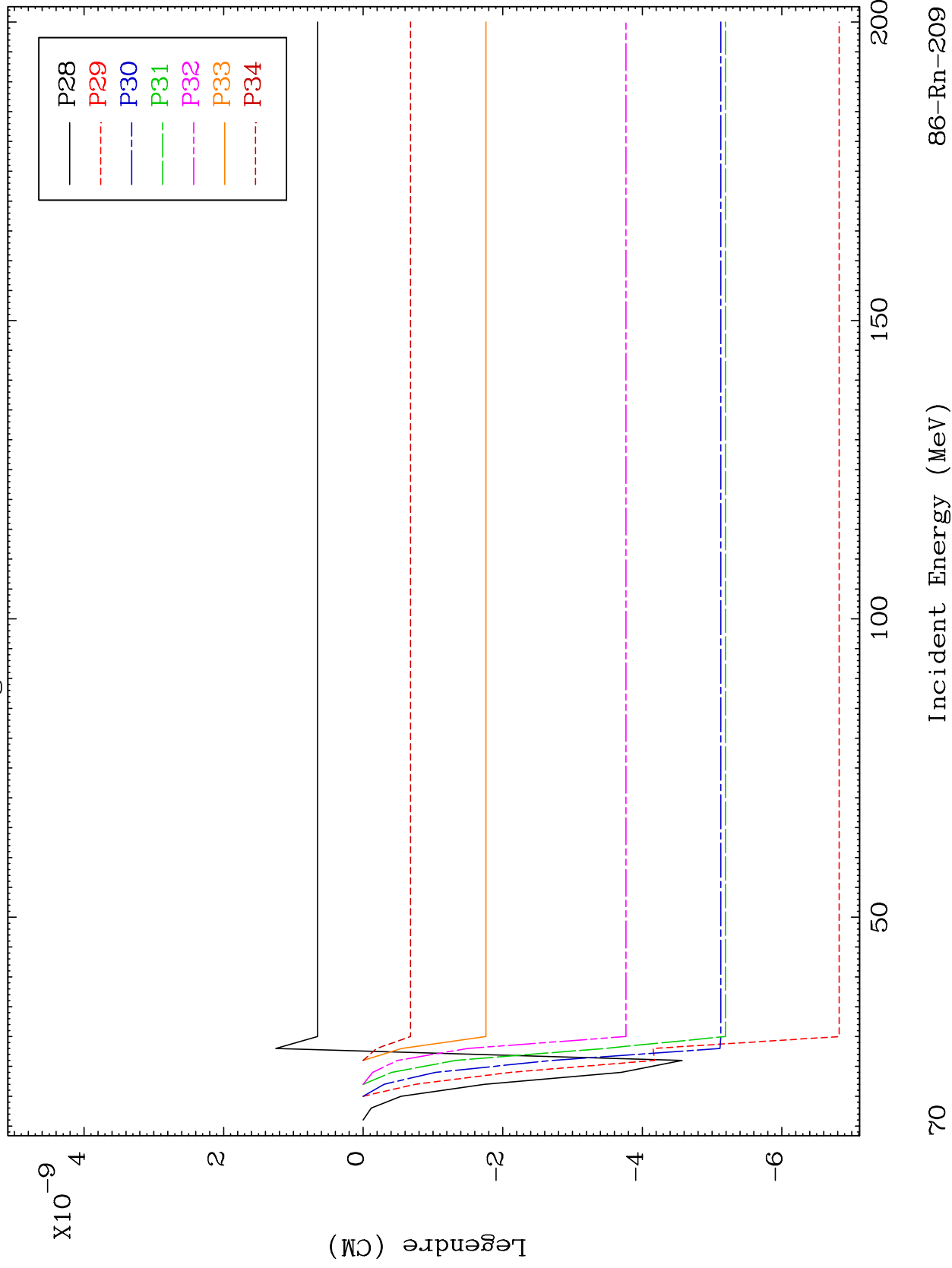
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



86-Rn-209

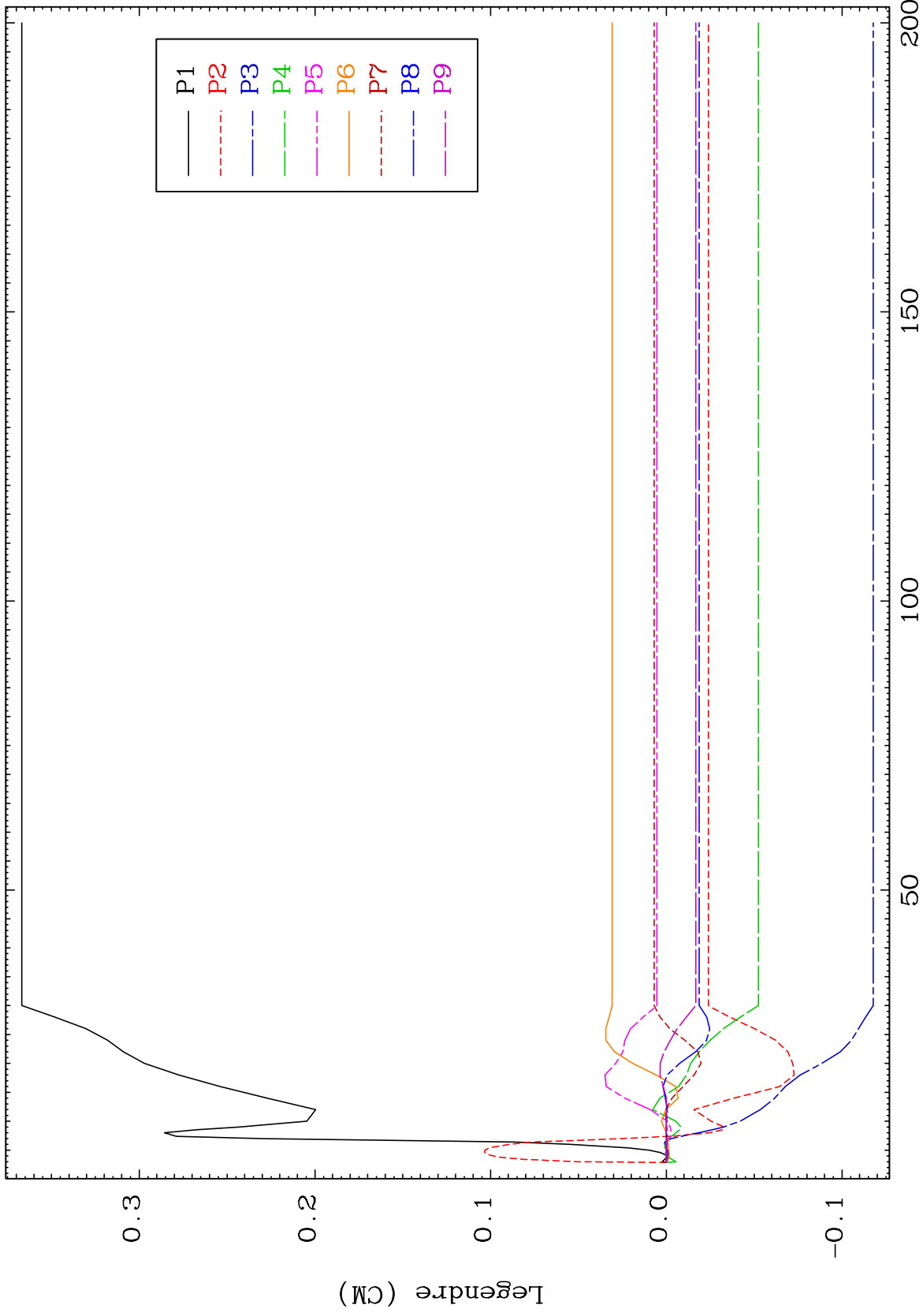
Incident Energy (MeV)

70

MAT 8619

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

86-Rn-209



71

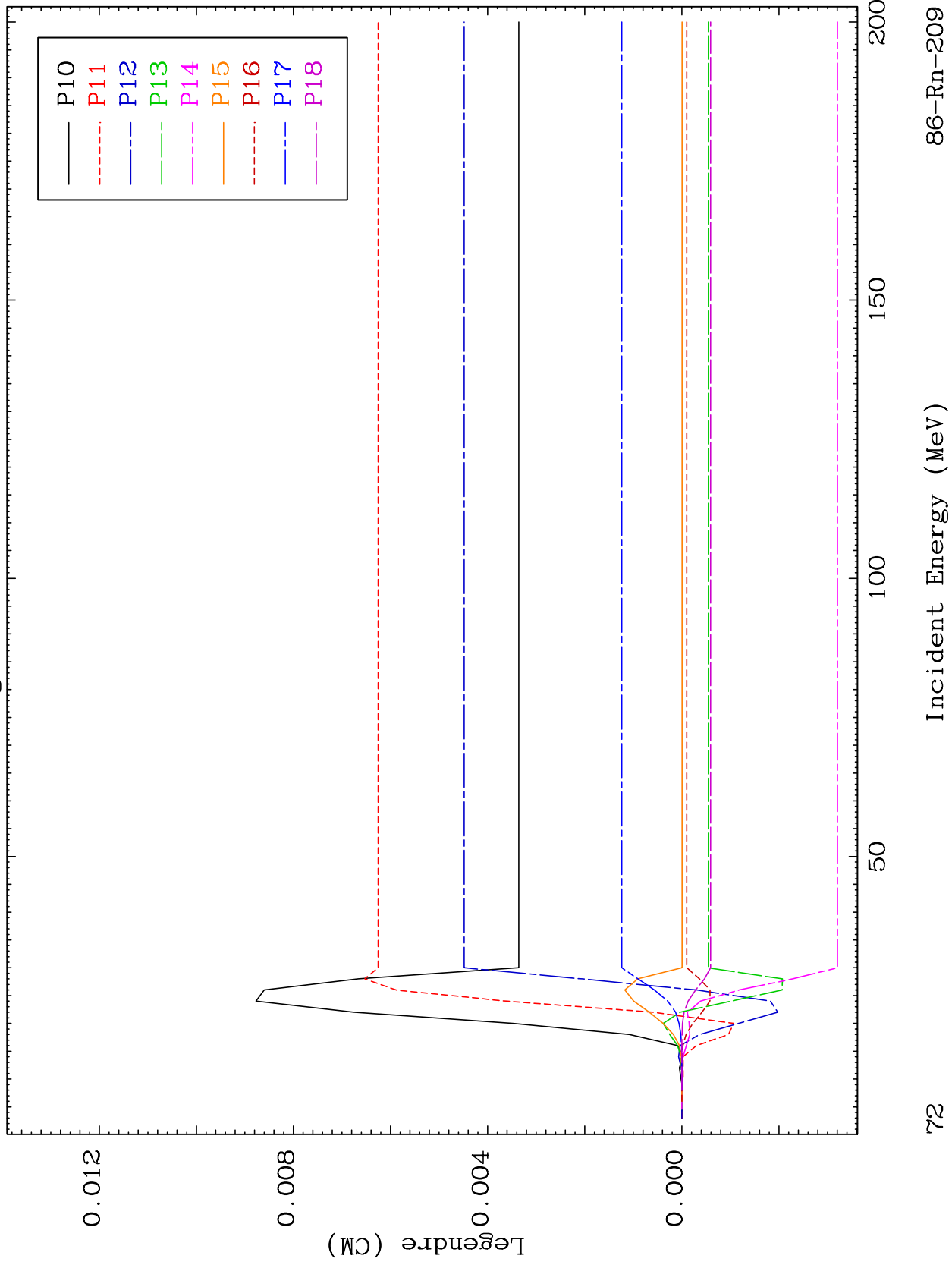
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



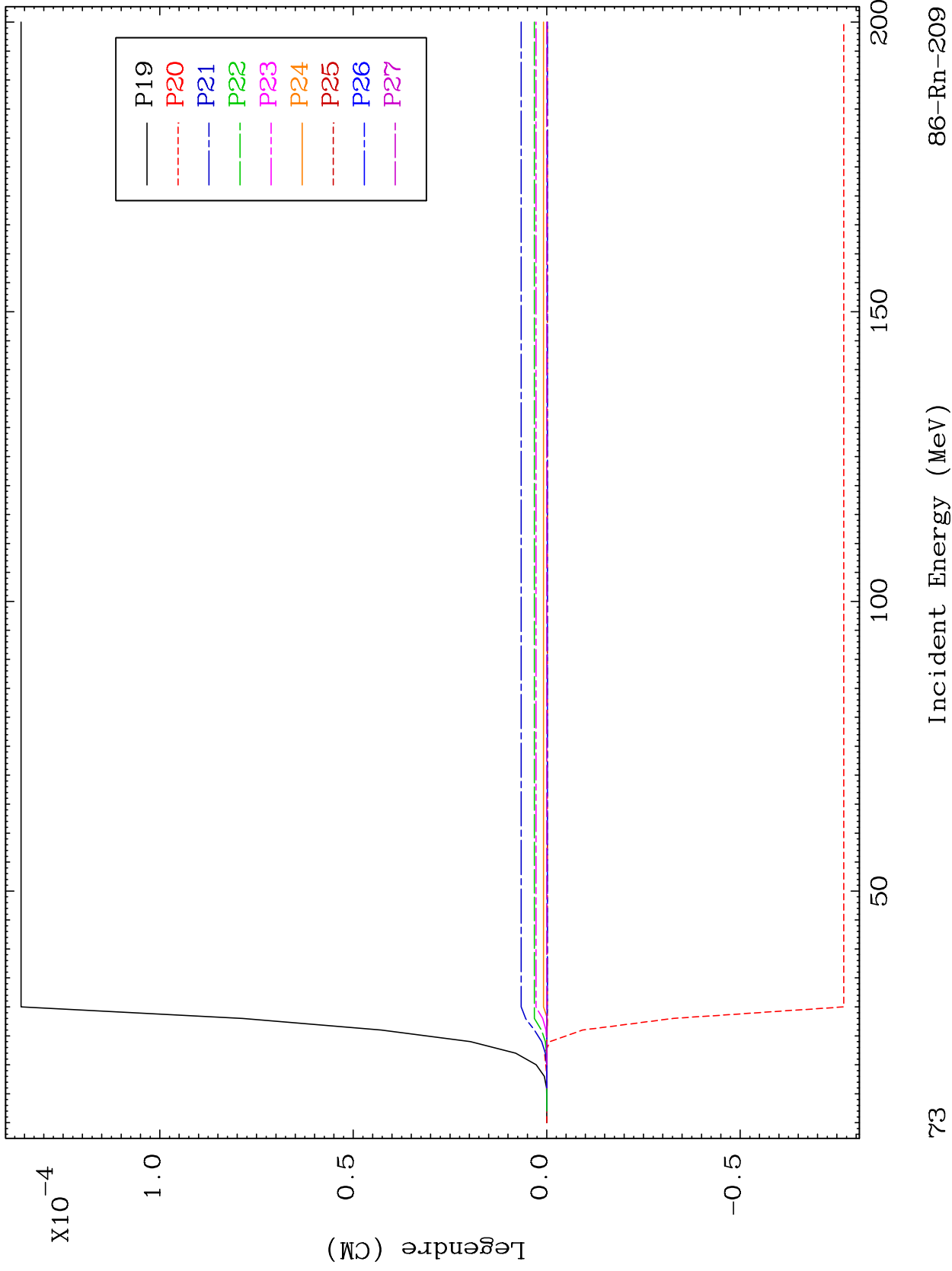
72

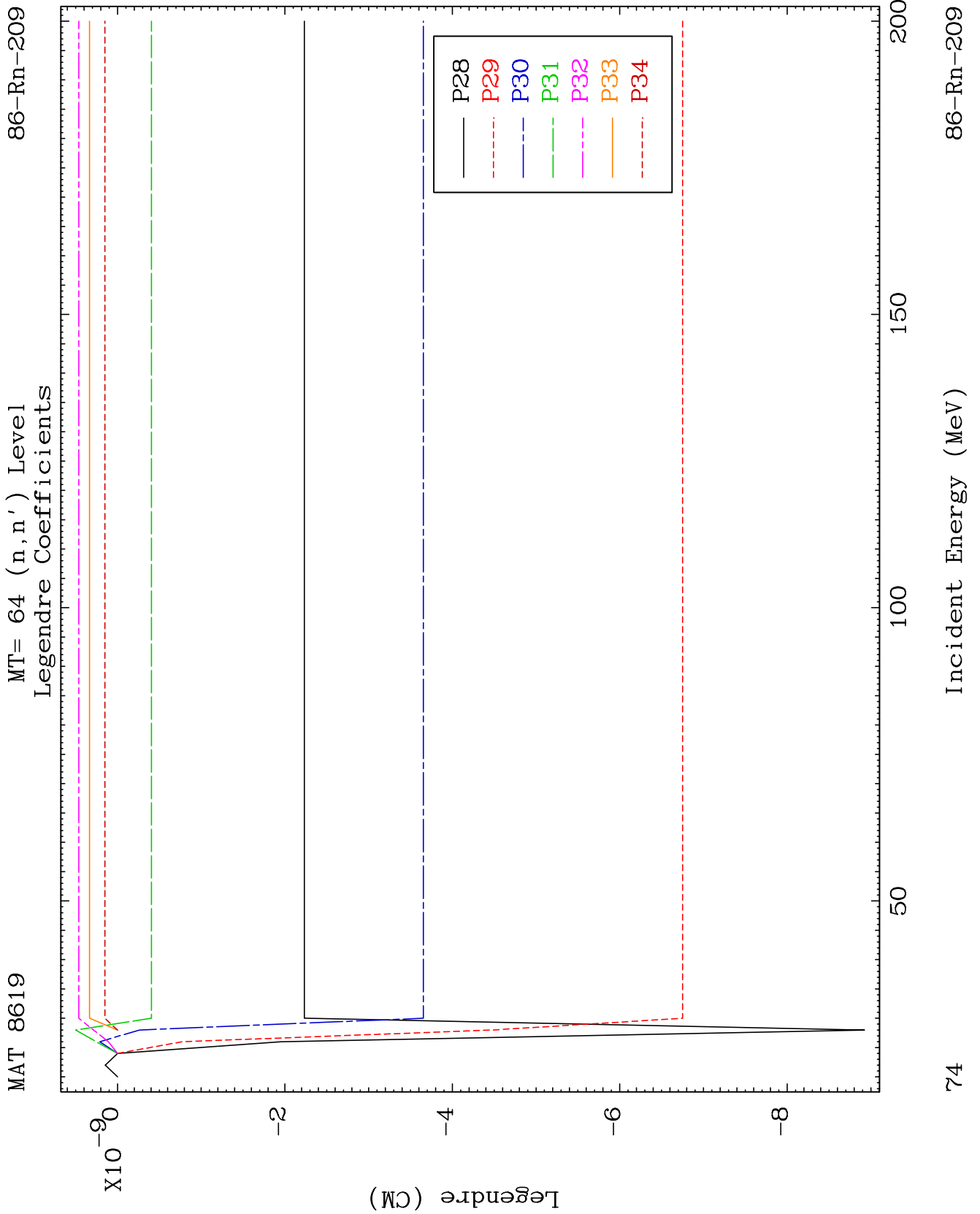
86-Rn-209

MAT 8619

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

86-Rn-209

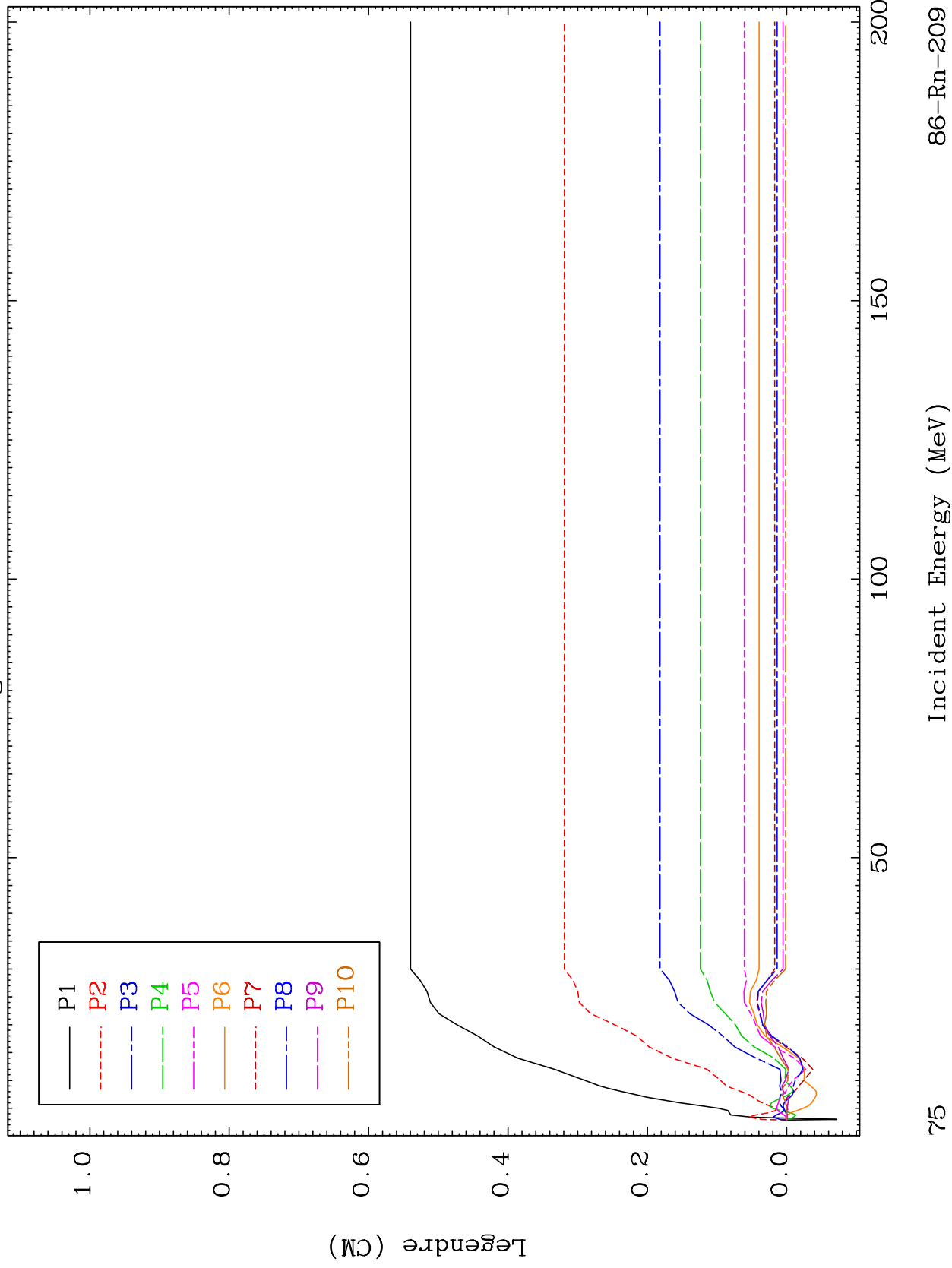




MAT 8619

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

86-Rn-209



75

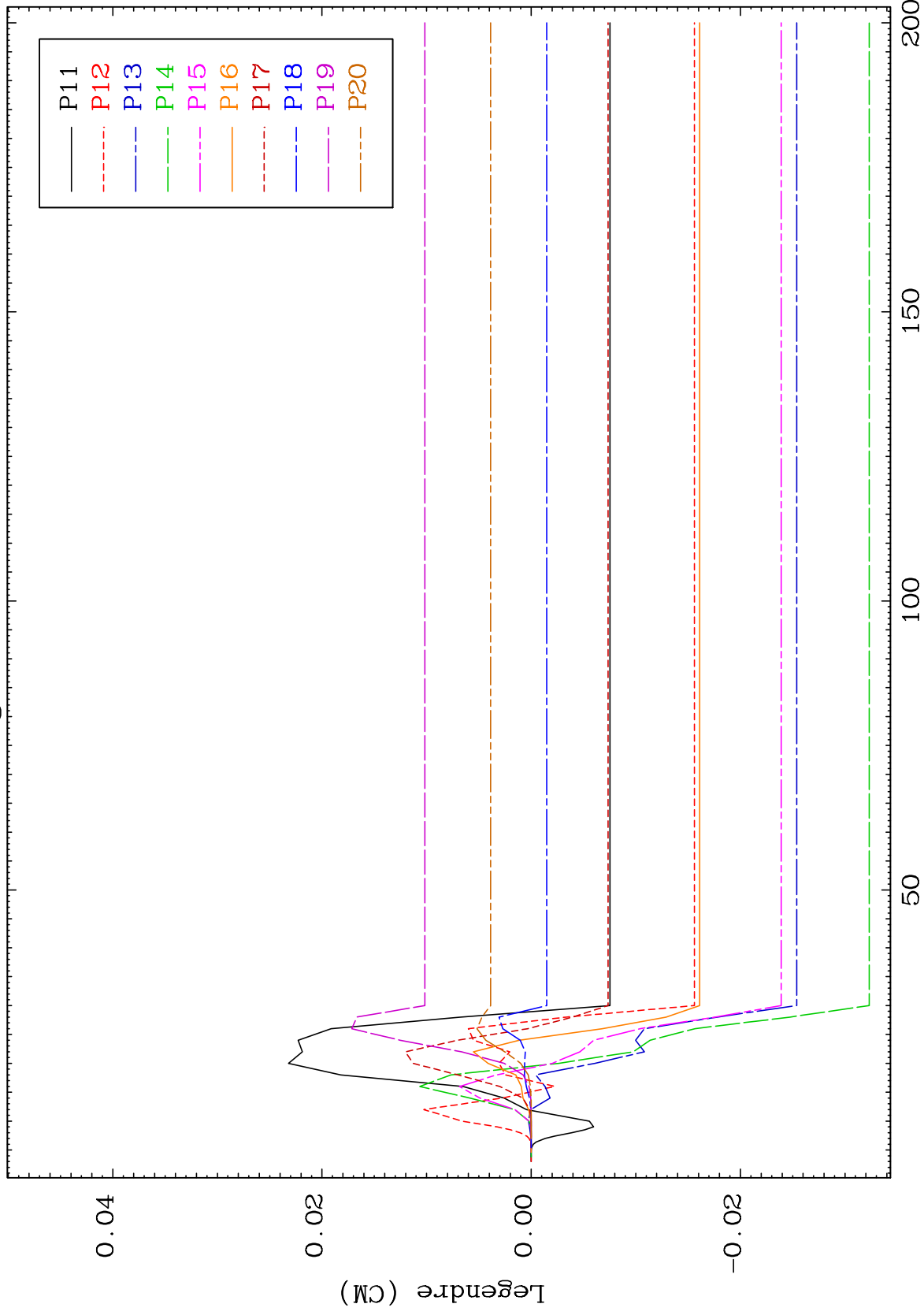
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



76

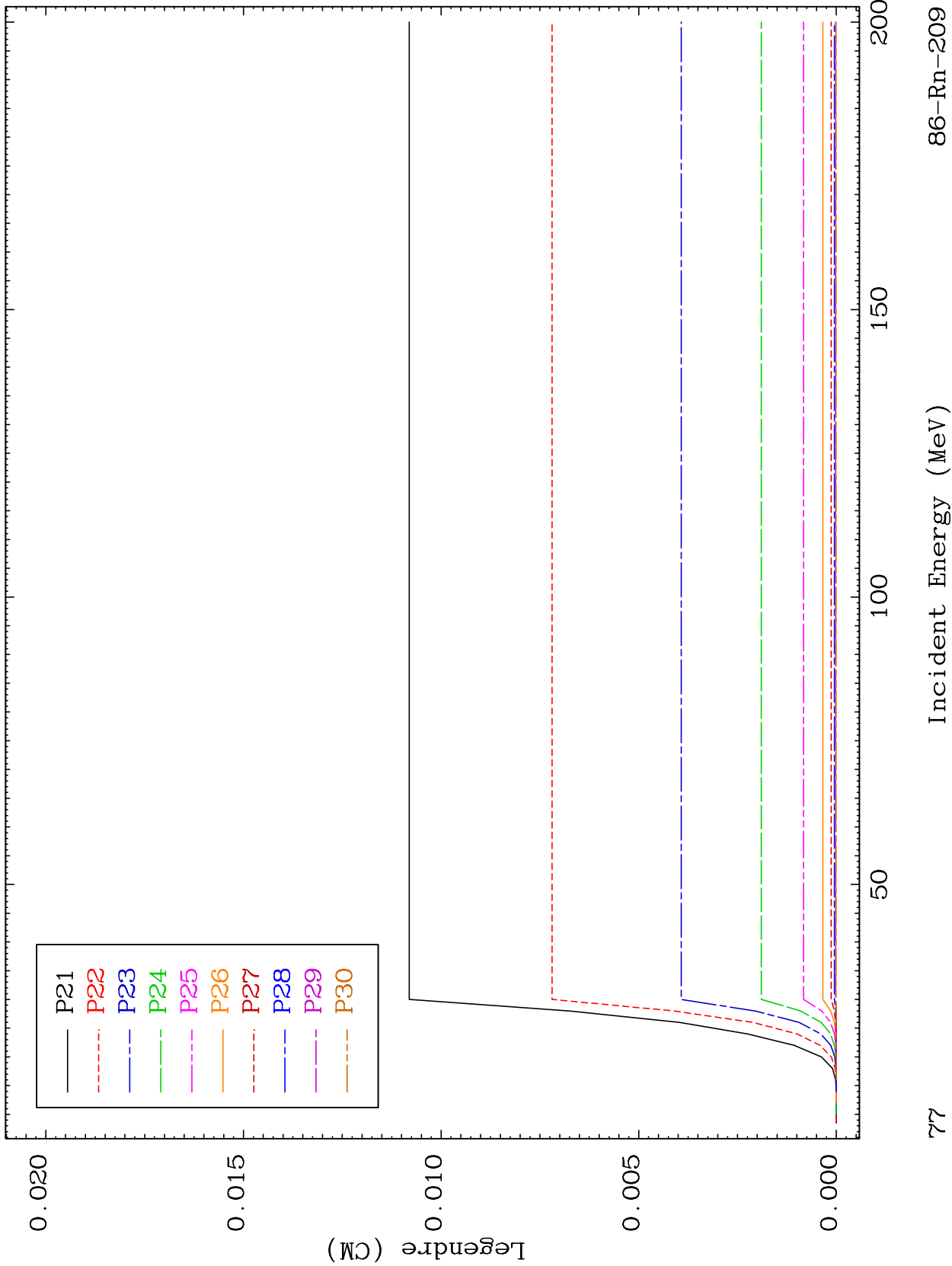
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



77

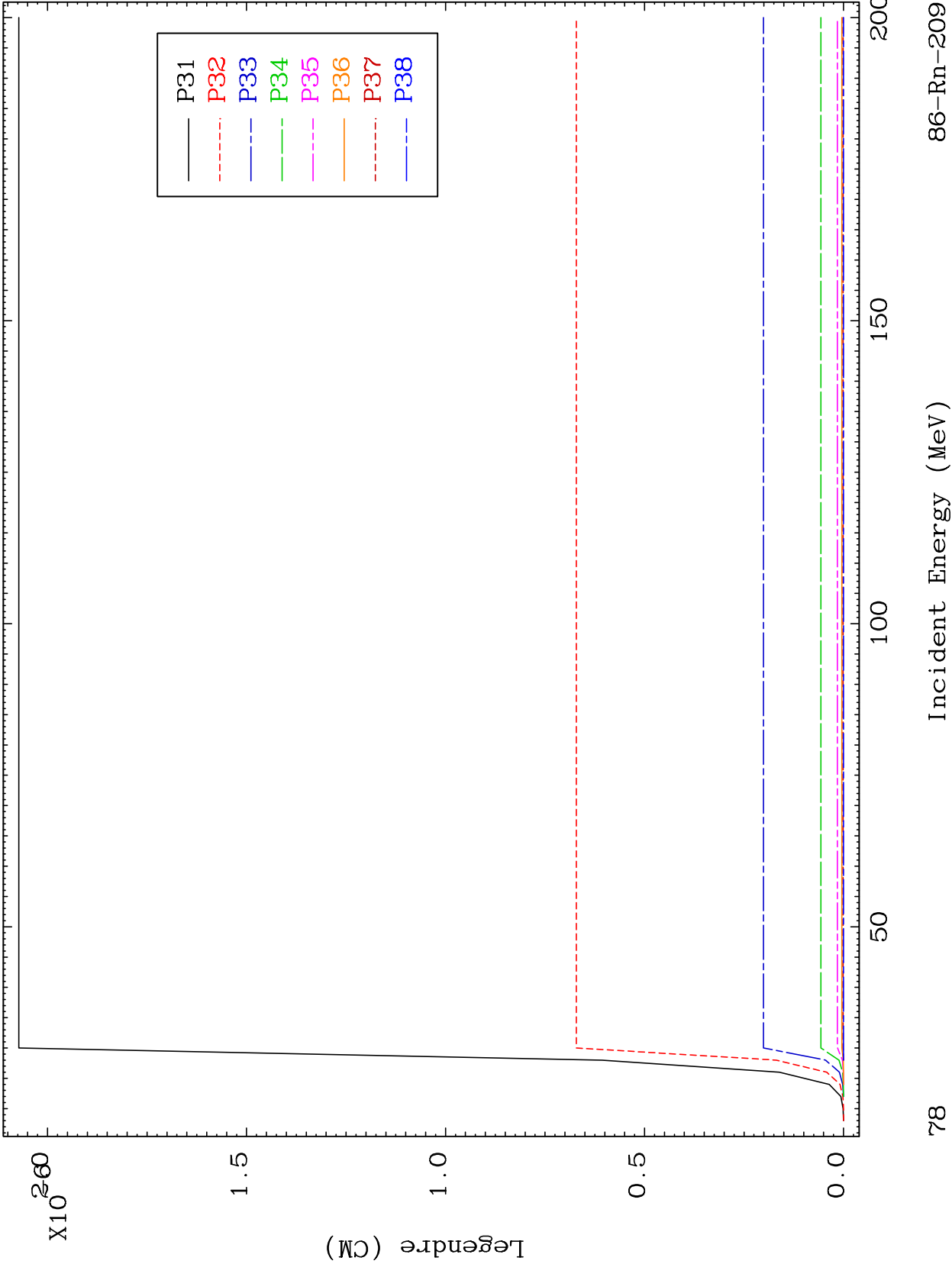
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



78

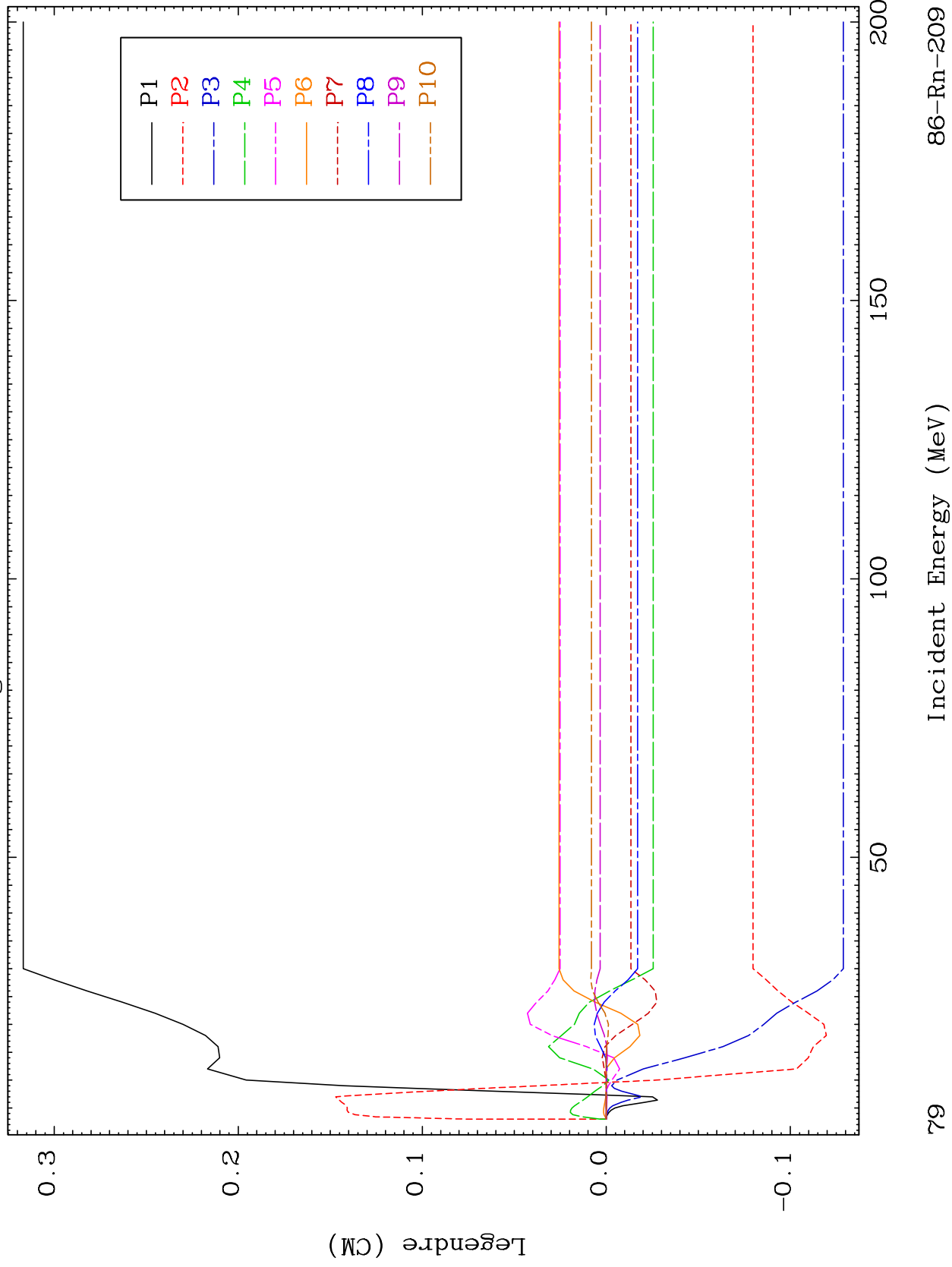
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

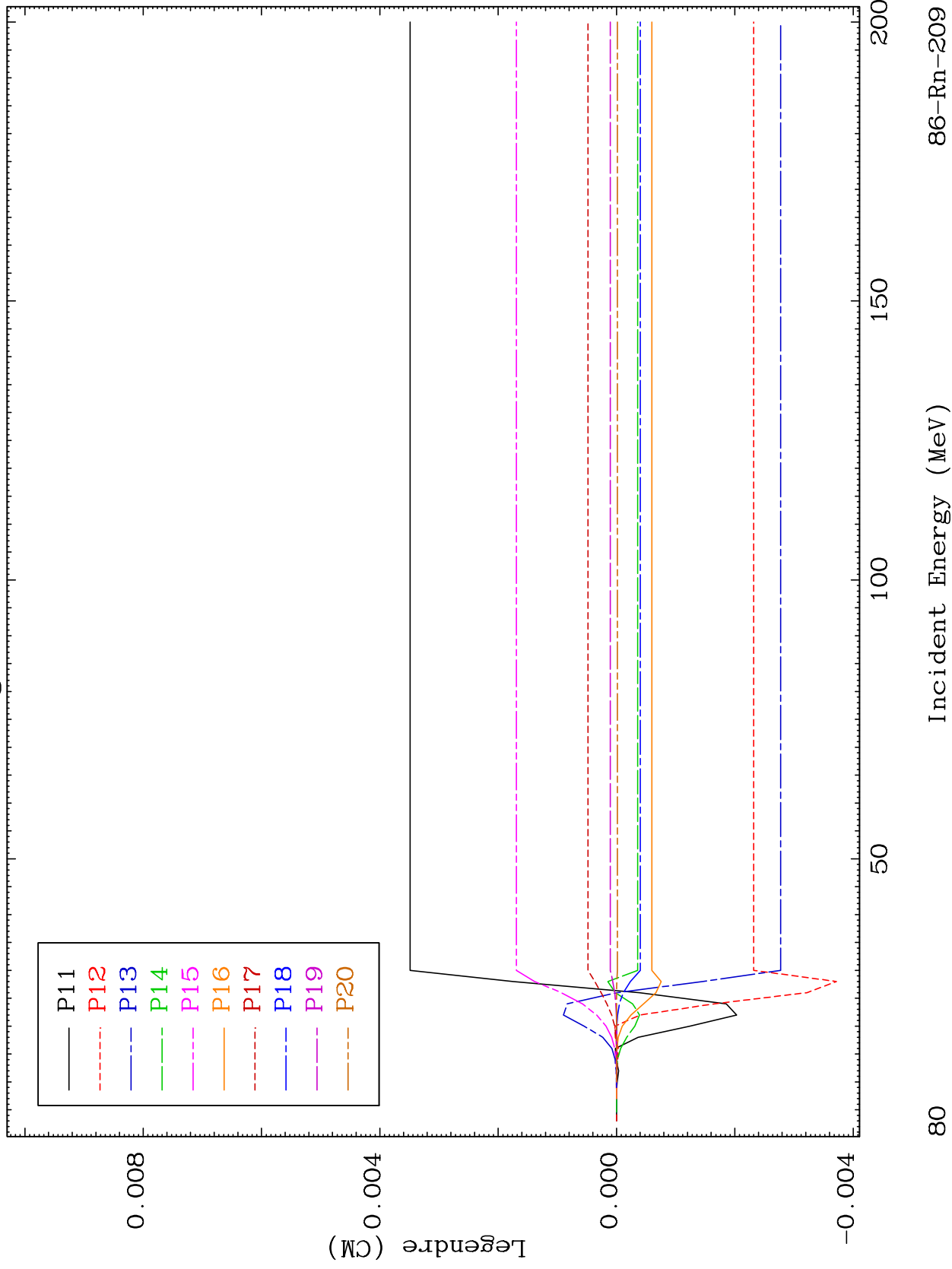
86-Rn-209



MAT 8619

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

86-Rn-209



80

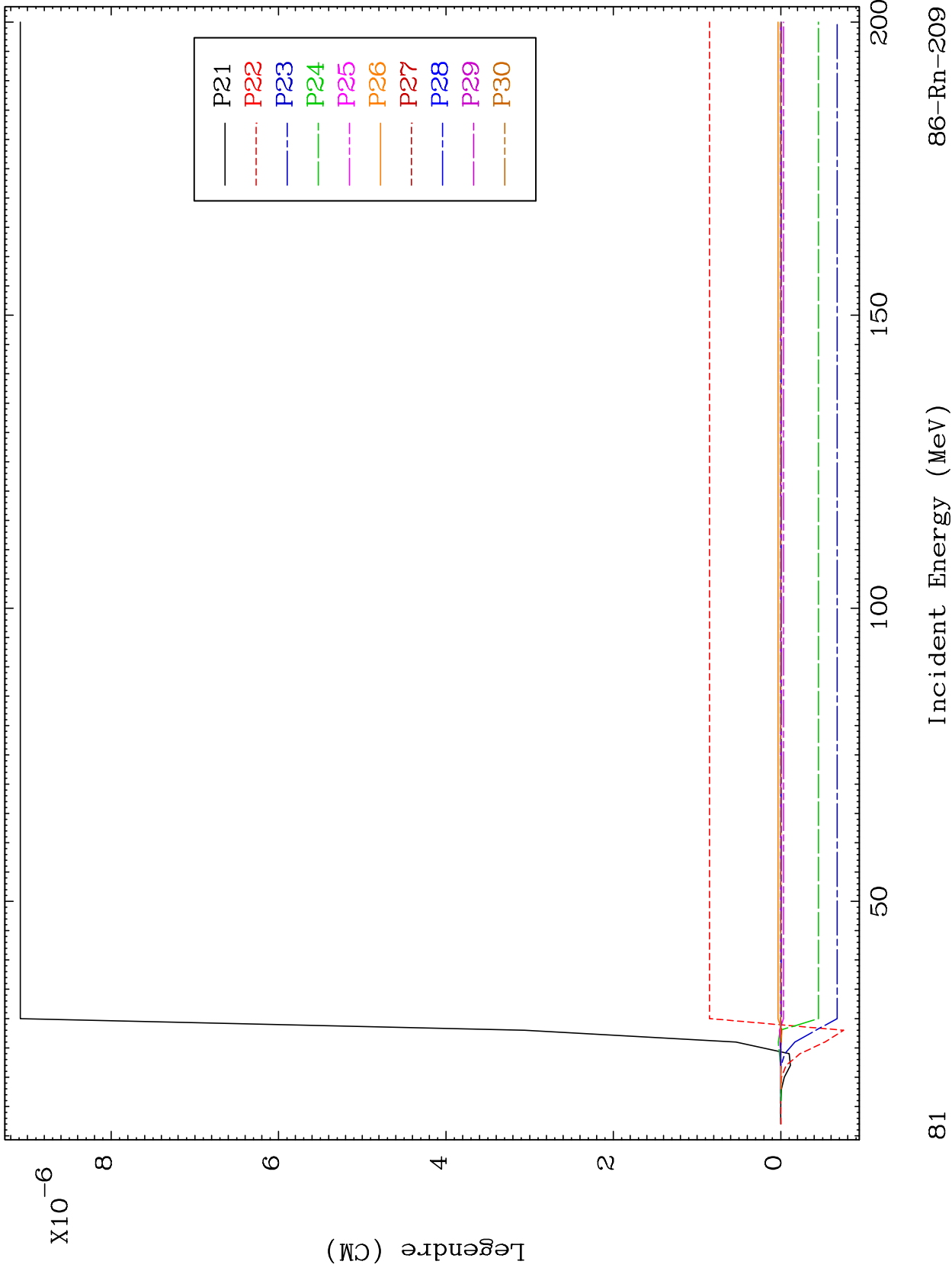
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

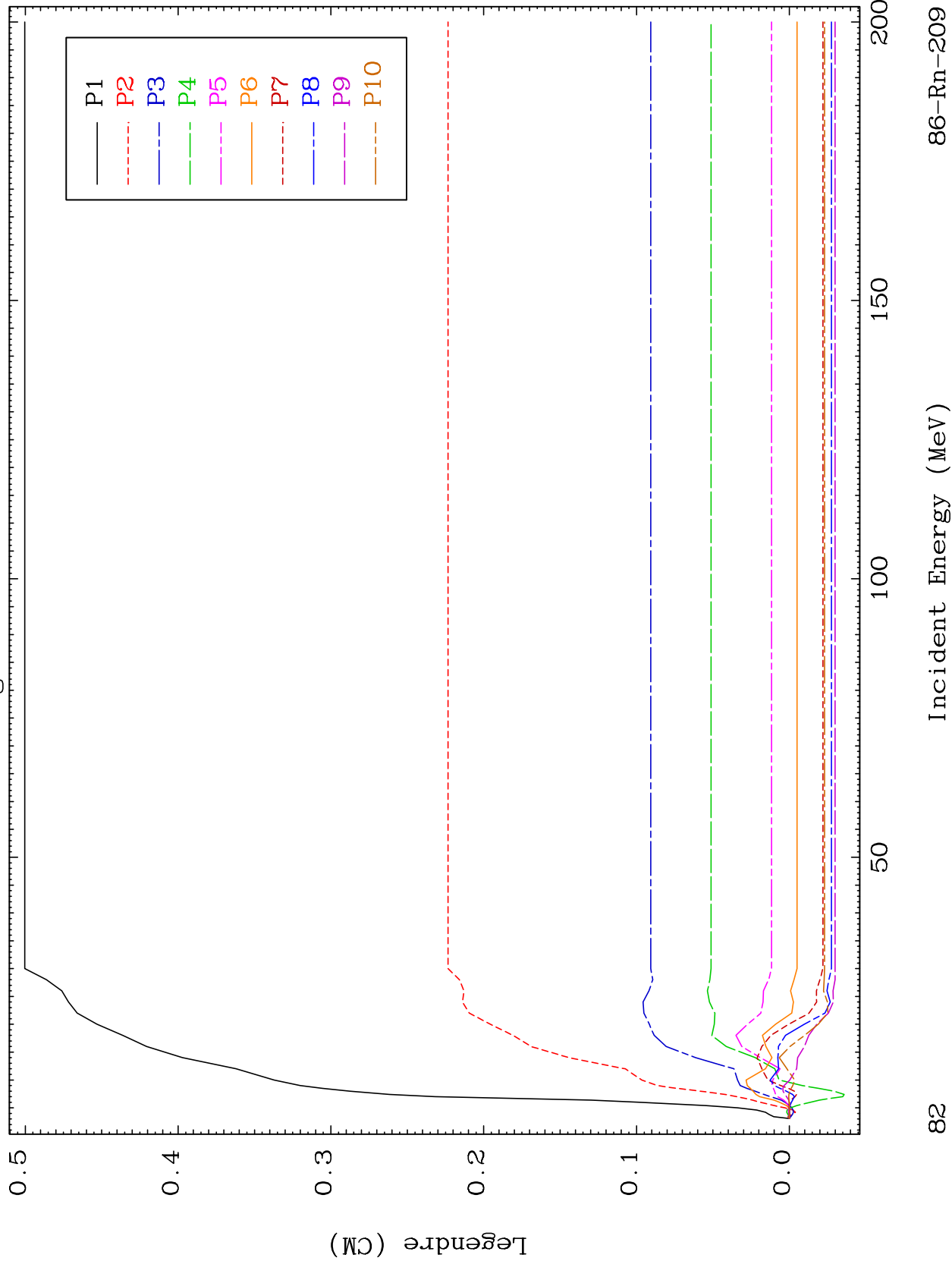
86-Rn-209



MAT 8619

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

86-Rn-209



82

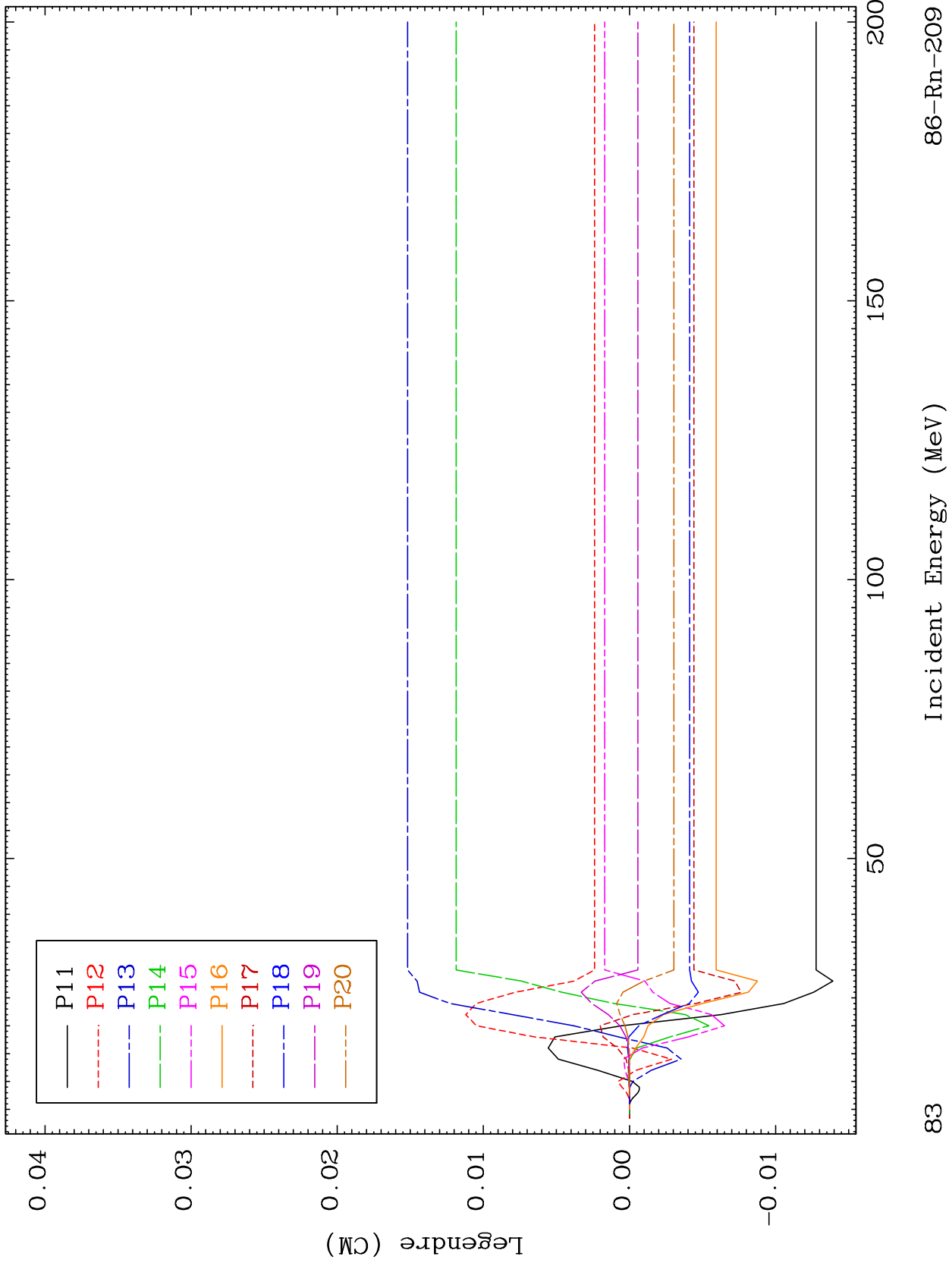
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

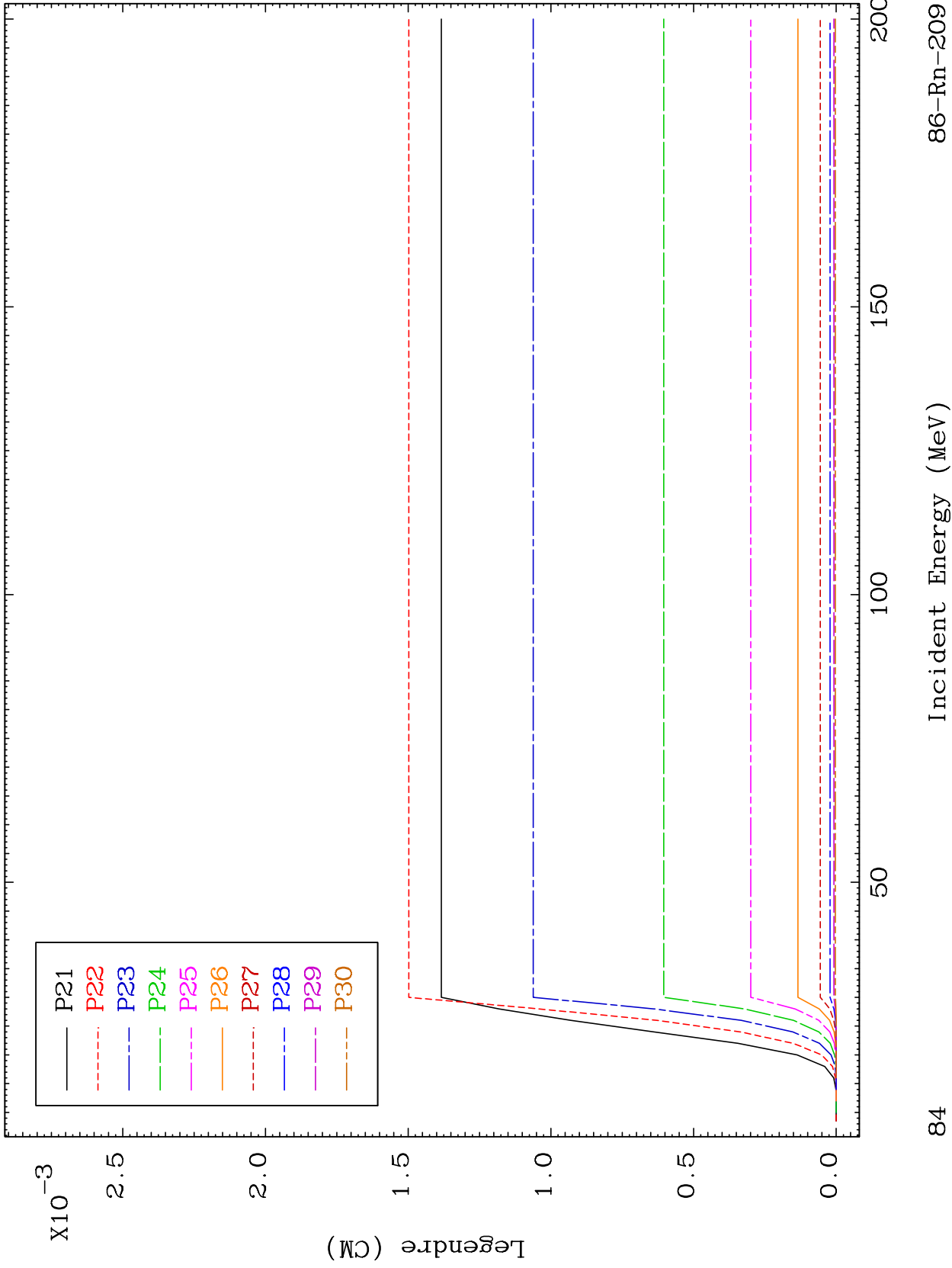
86-Rn-209



83

Incident Energy (MeV)

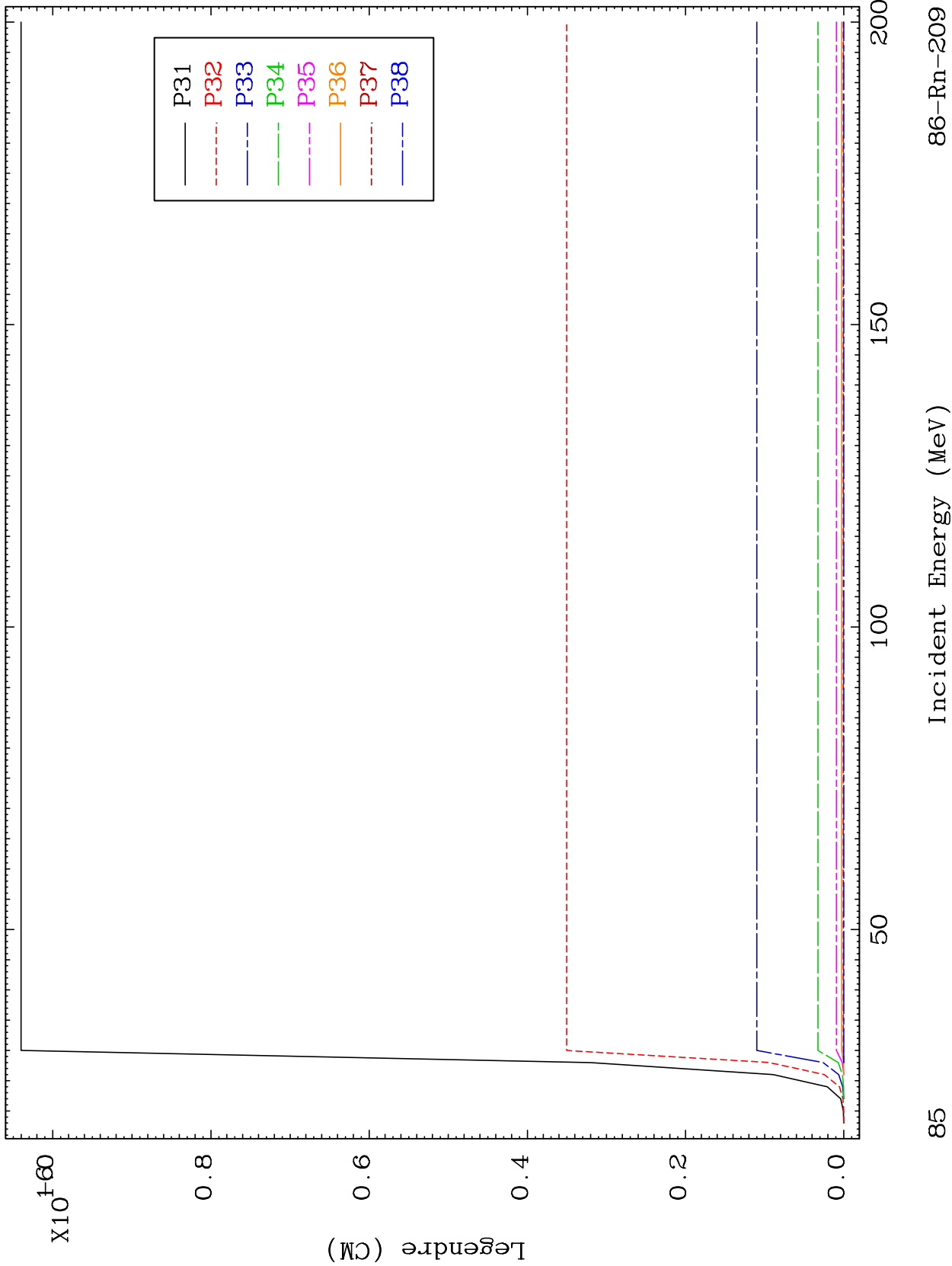
86-Rn-209



MAT 8619

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

86-Rn-209



85

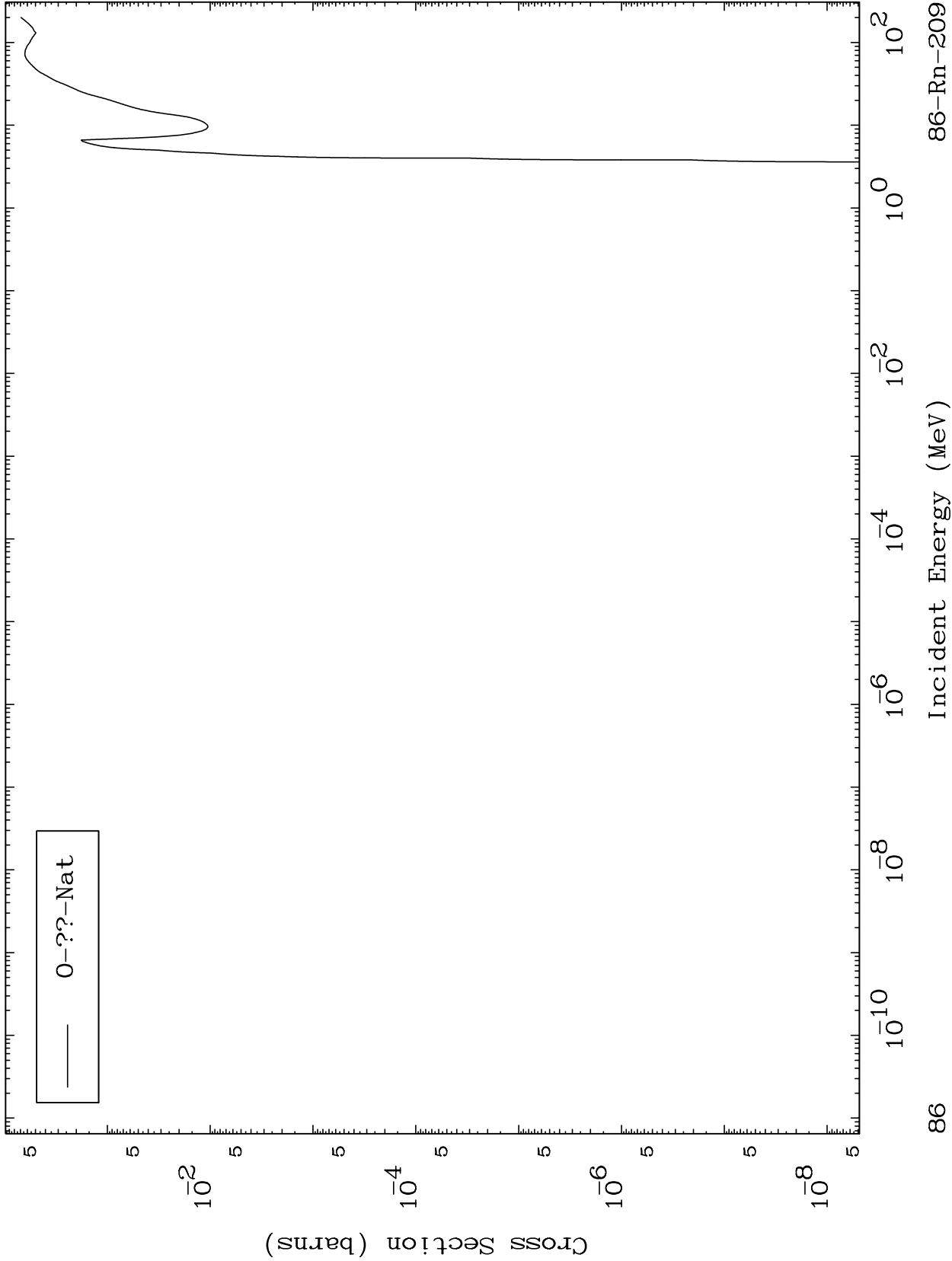
Incident Energy (MeV)

86-Rn-209

MAT 8619

Fission
Radionuclide Production Cross Section

86-Rn-209



86

Incident Energy (MeV)

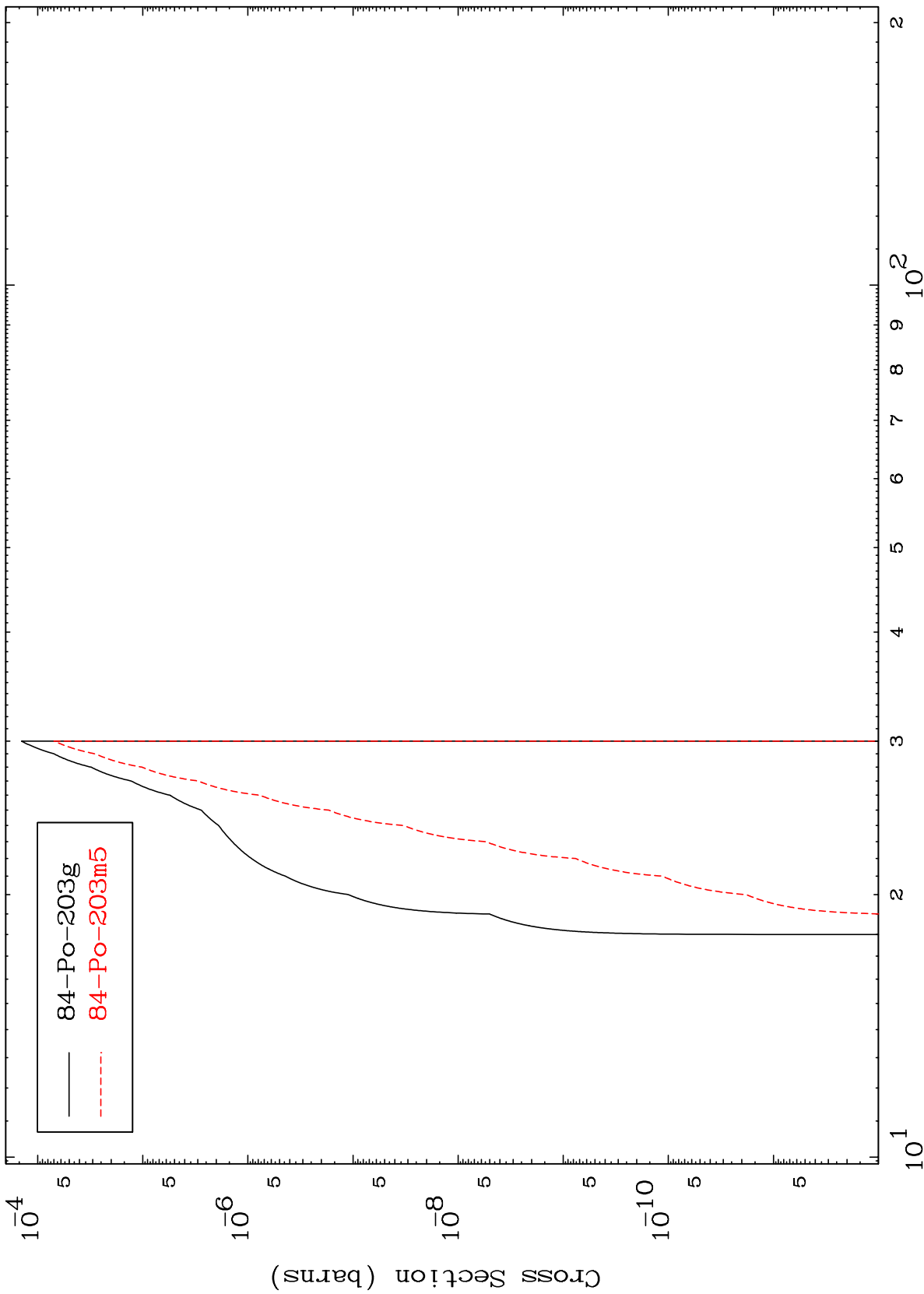
86-Rn-209

MAT 8619

(n,3n) α

86-Rn-209

Radionuclide Production Cross Section



84-Po-203g
84-Po-203m5

Incident Energy (MeV)

86-Rn-209

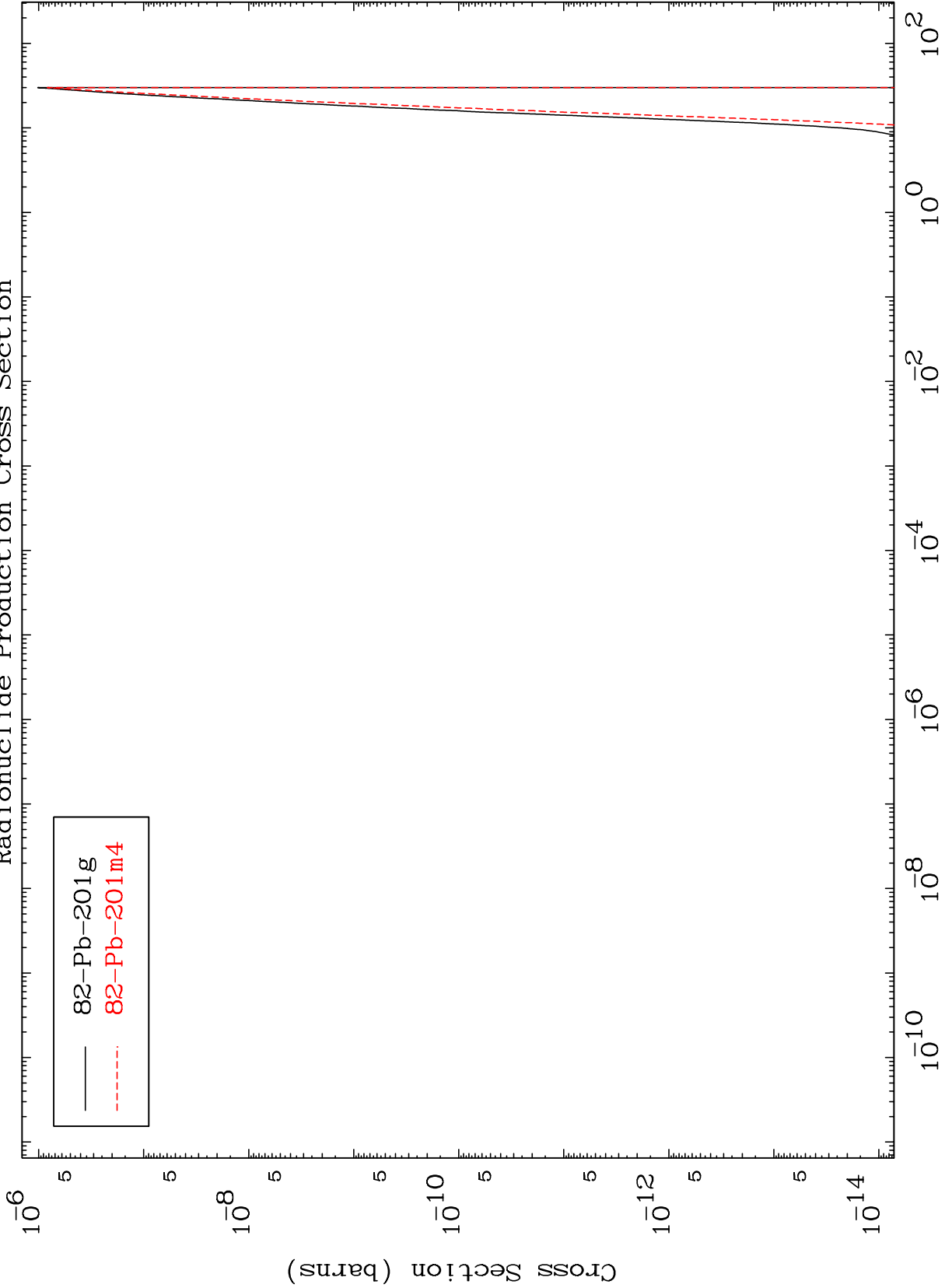
87

MAT 8619

(n,n') 2 α

86-Rn-209

Radionuclide Production Cross Section



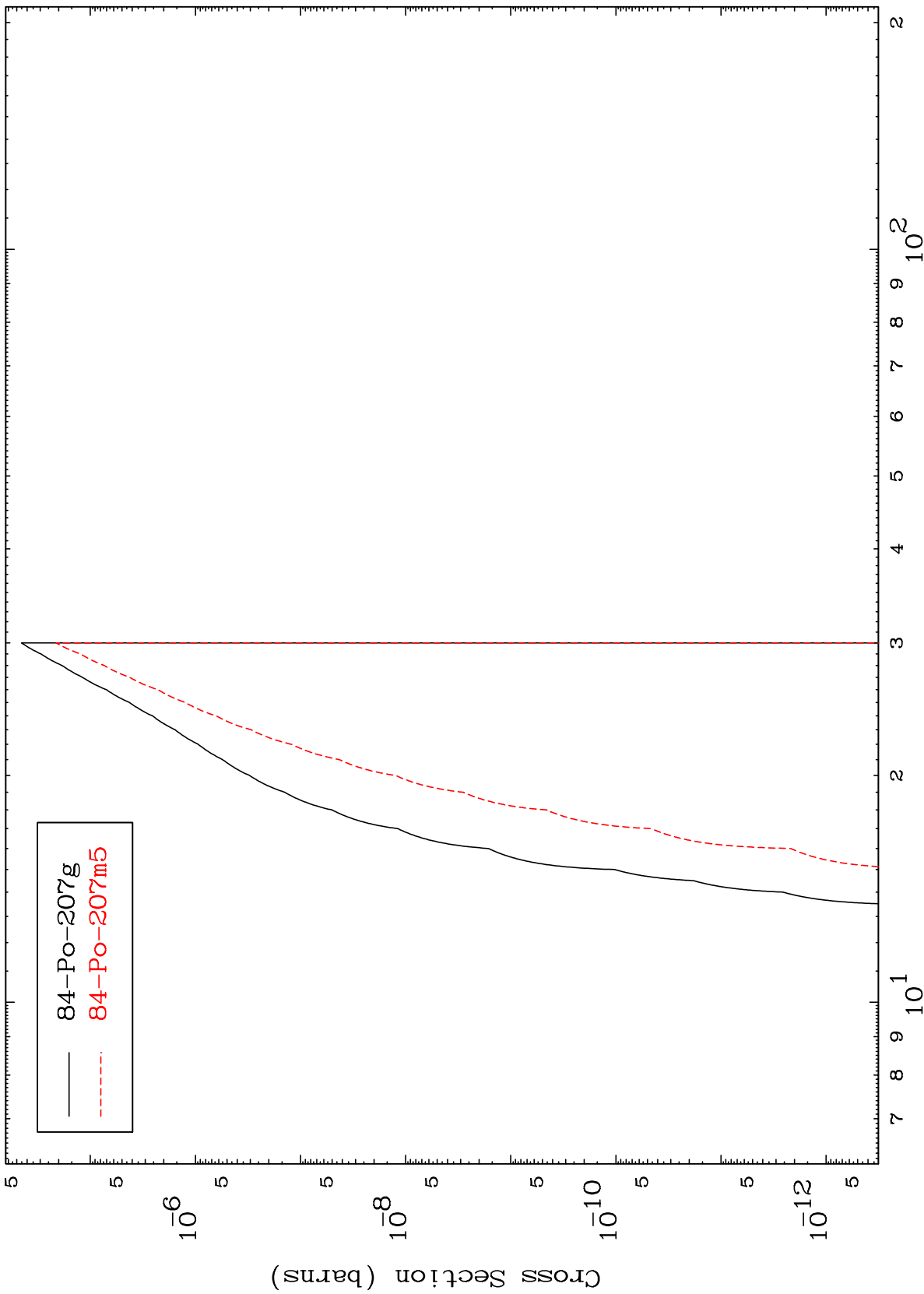
82-Pb-201g
82-Pb-201m4

MAT 8619

(n,2n) p

86-Rn-209

Radionuclide Production Cross Section



84-Po-207g
84-Po-207m5

89

Incident Energy (MeV)

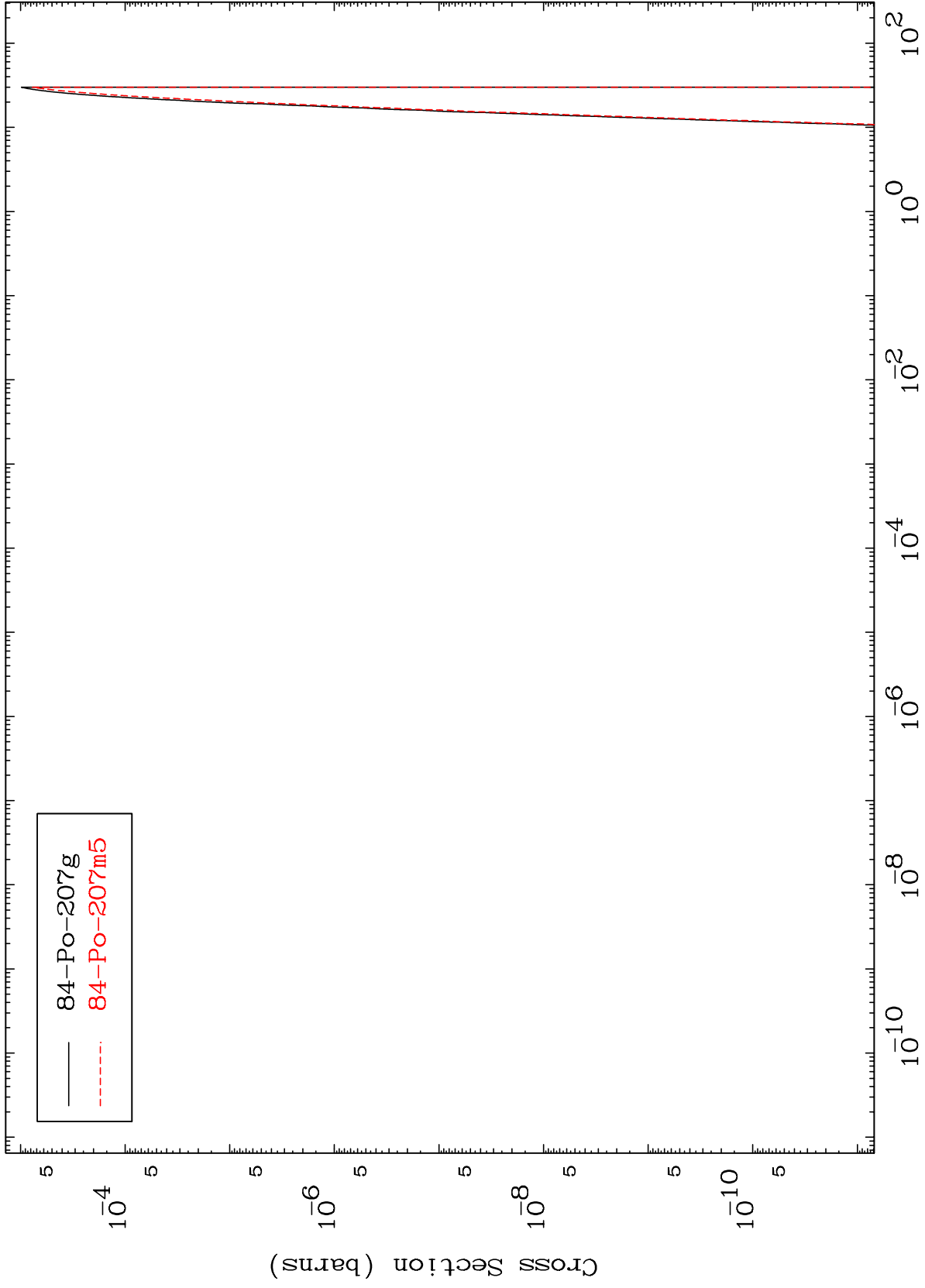
86-Rn-209

MAT 8619

(n,He-3)

86-Rn-209

Radionuclide Production Cross Section



90

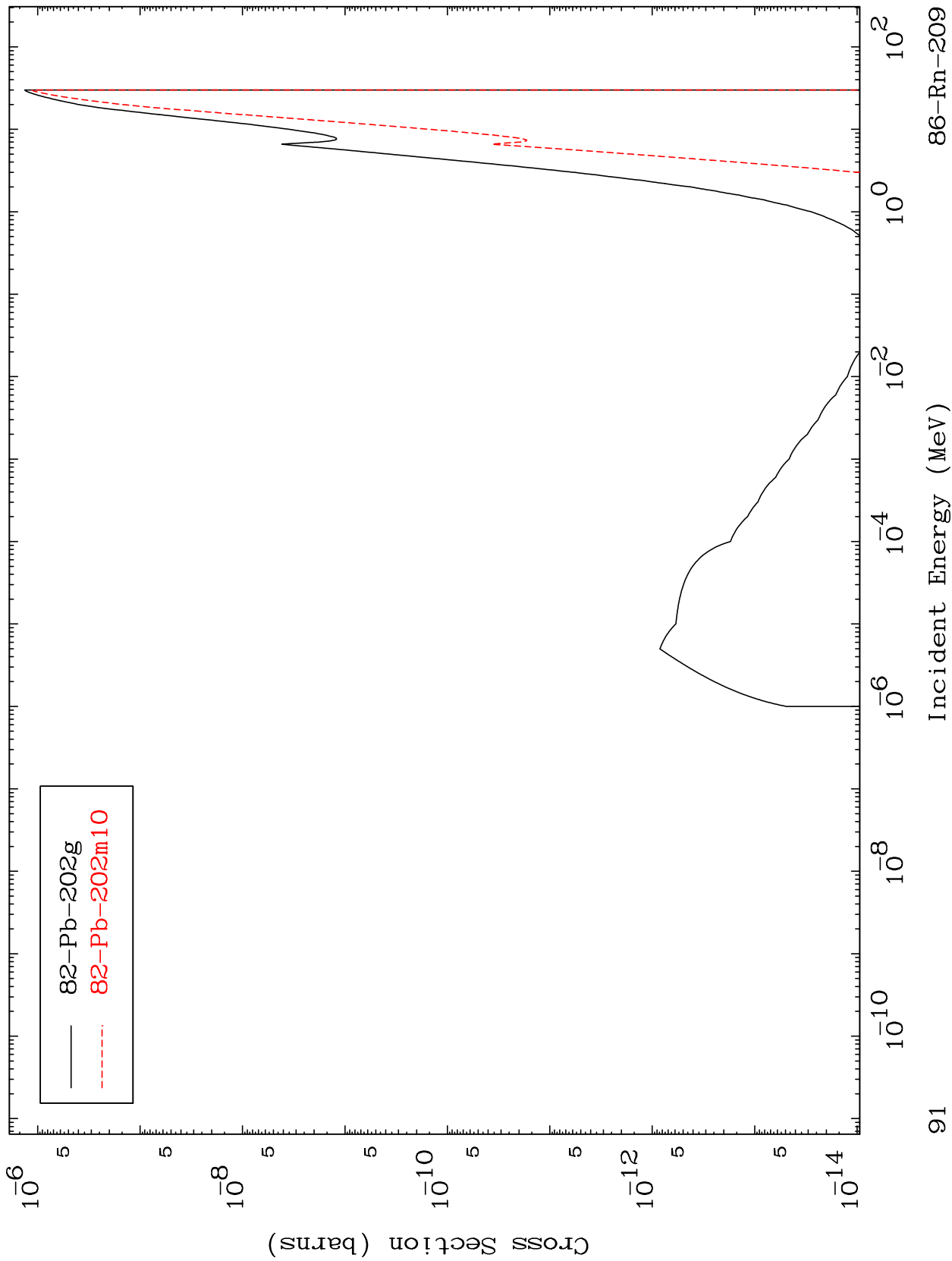
Incident Energy (MeV)

86-Rn-209

MAT 8619

86-Rn-209

Radionuclide Production Cross Section

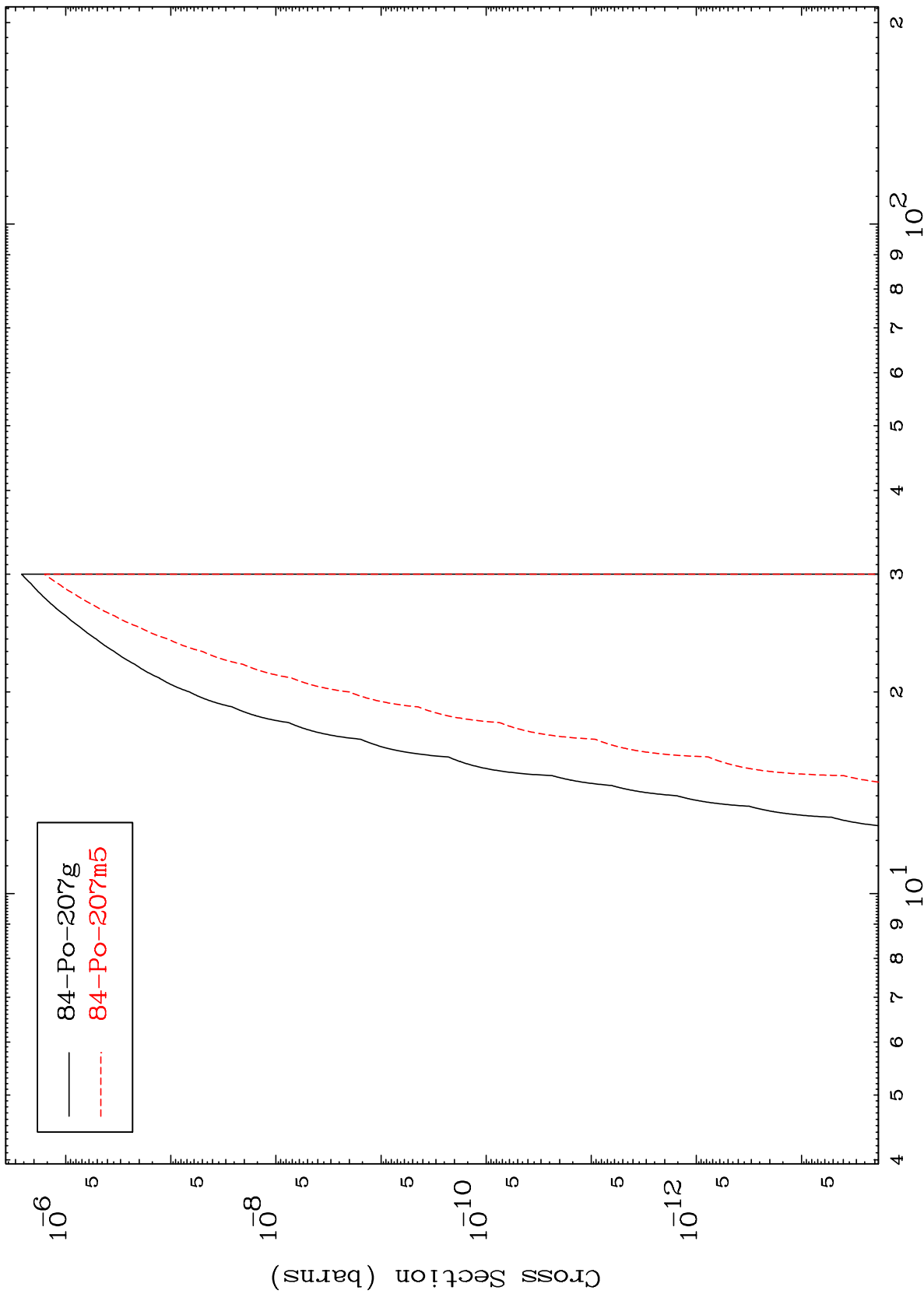


MAT 8619

(n,p) d

86-Rn-209

Radionuclide Production Cross Section



— 84-Po-207g
- - - 84-Po-207m5

92

Incident Energy (MeV)

86-Rn-209