

Program EVALPLOT
(Version 2021-1)

by

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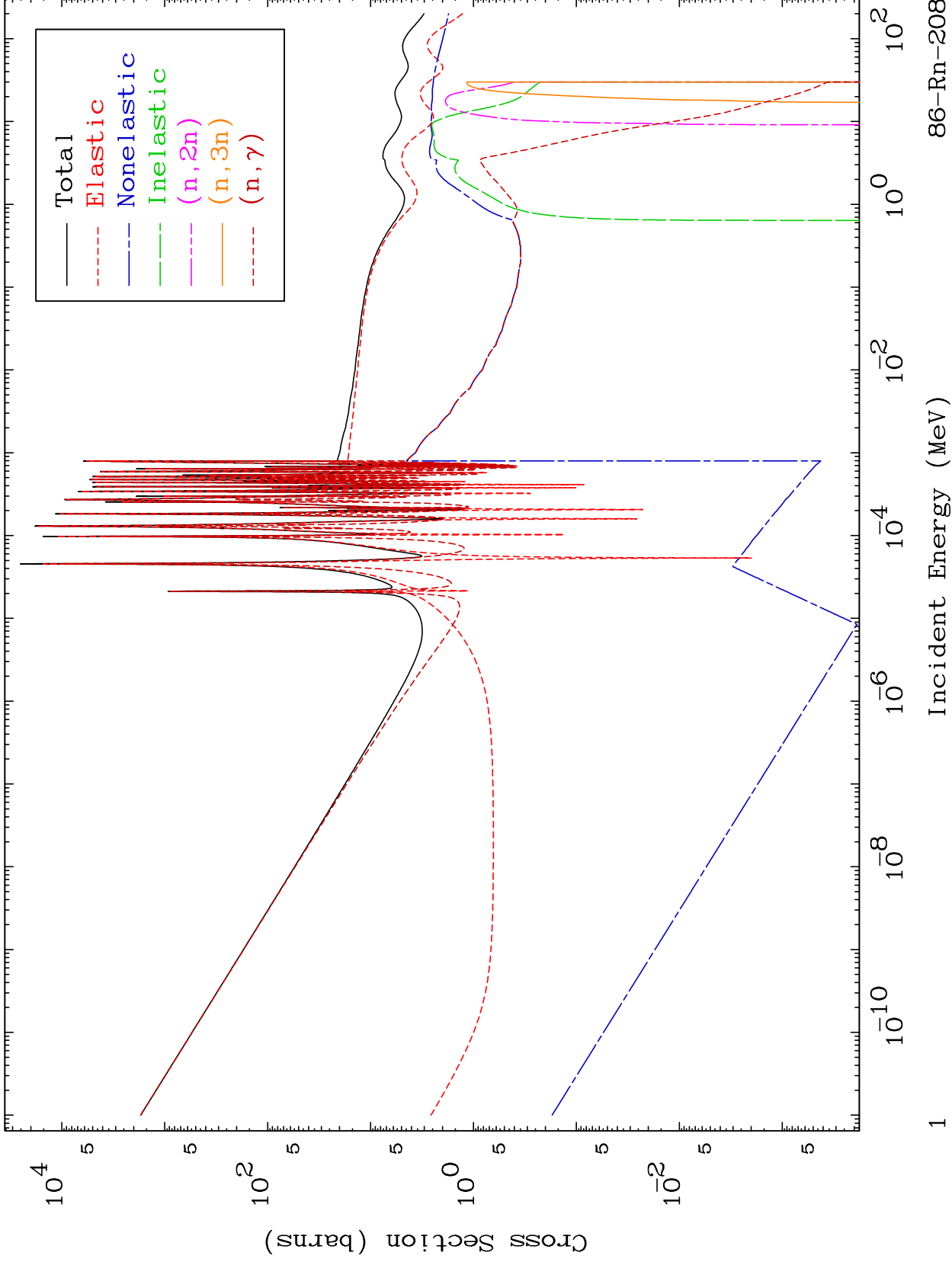
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Press Mouse Button to Start

MAT 8616

Neutron Major
293 Kelvin Cross Sections

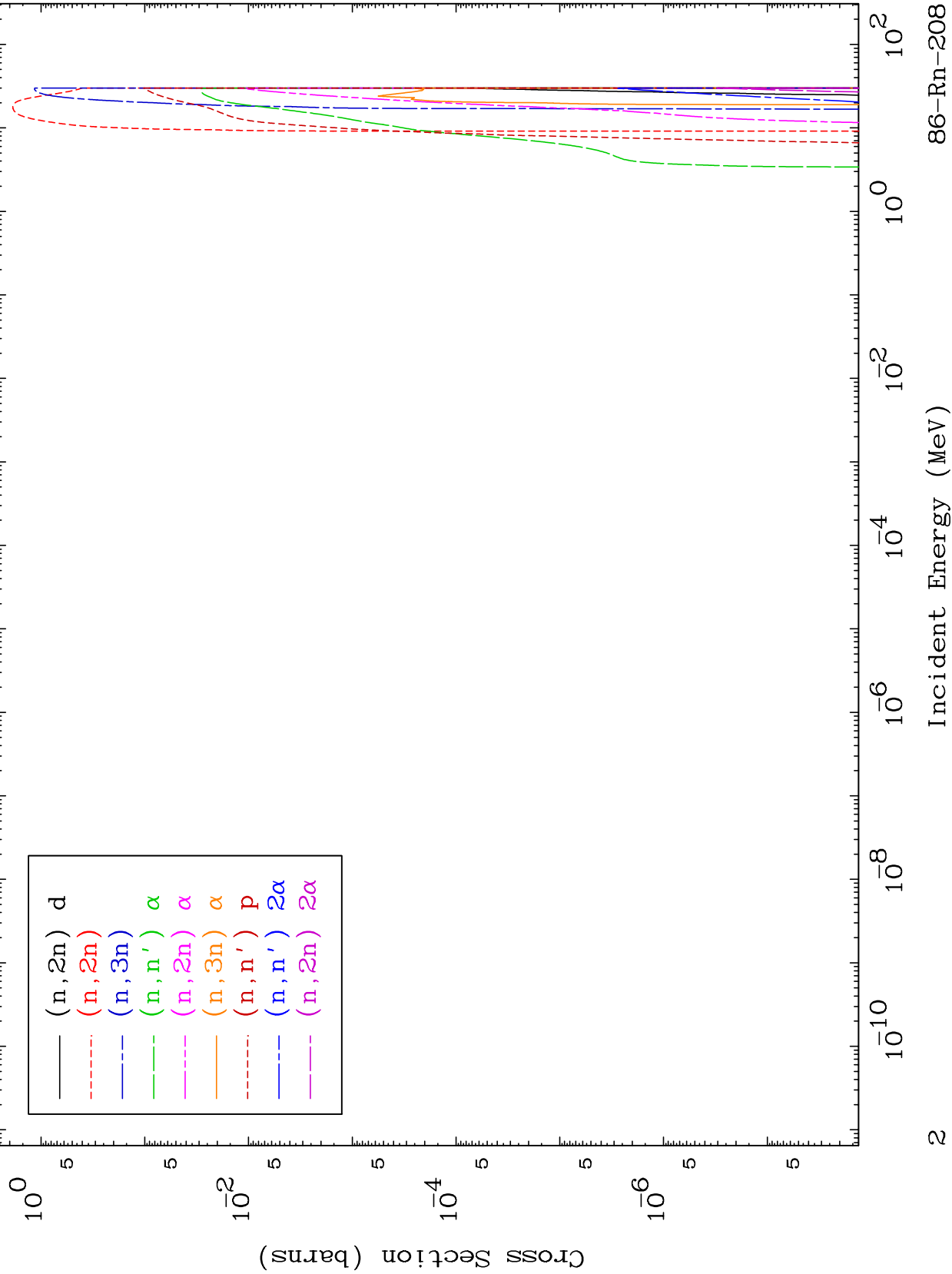
86-Rn-208



MAT 8616

Neutron Absorption
293 Kelvin Cross Sections

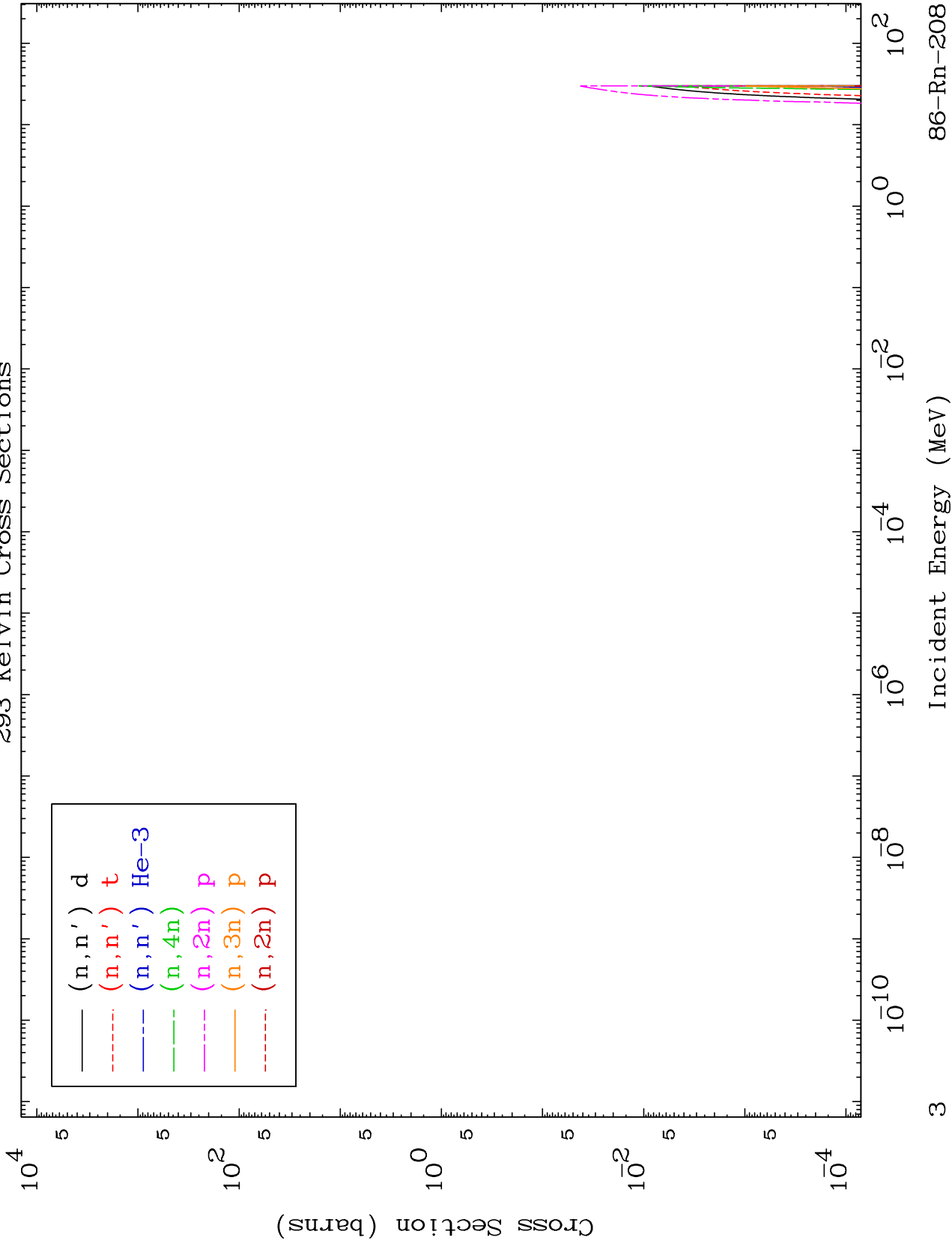
86-Rn-208



MAT 8616

Neutron Absorption
293 Kelvin Cross Sections

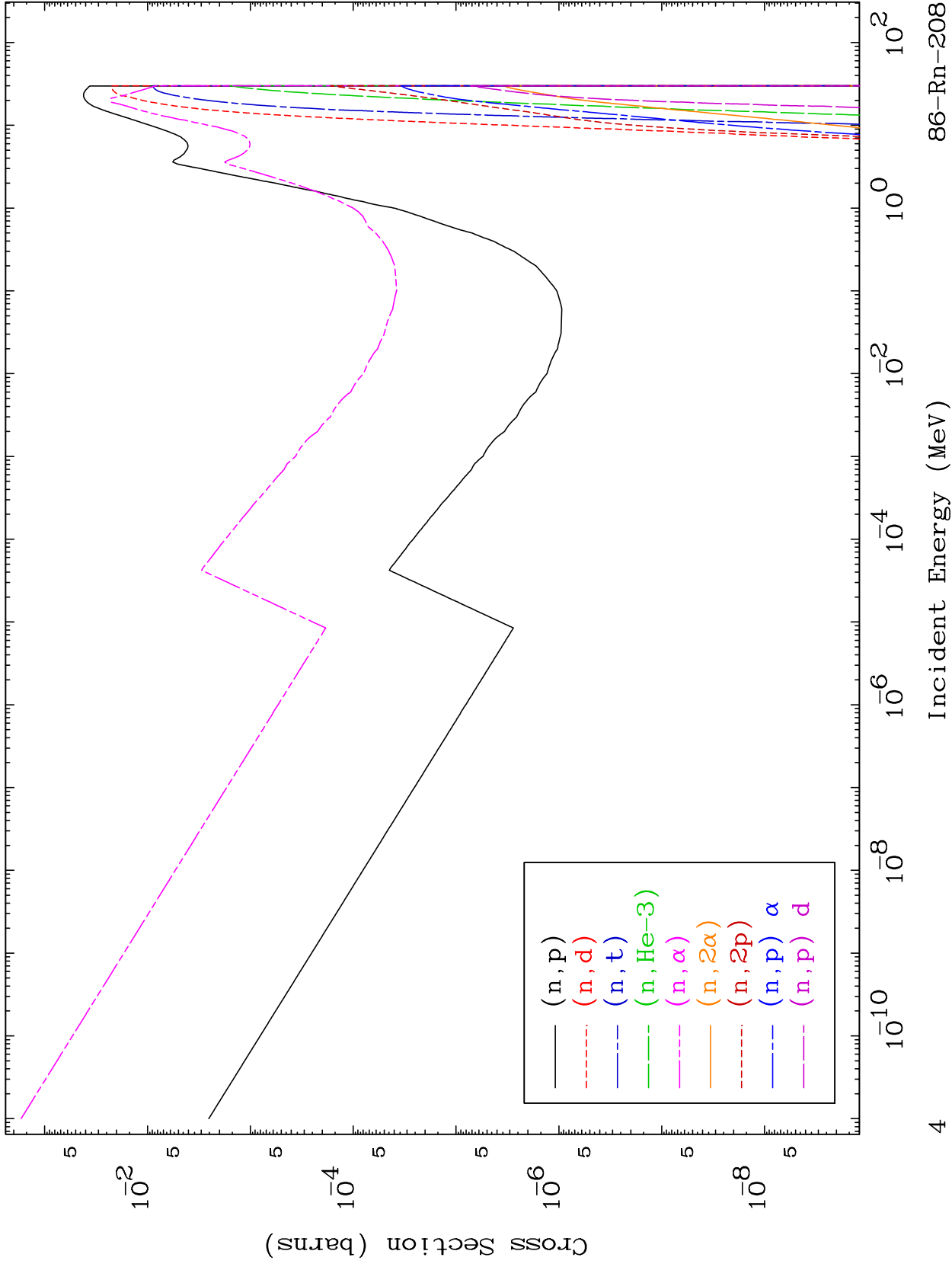
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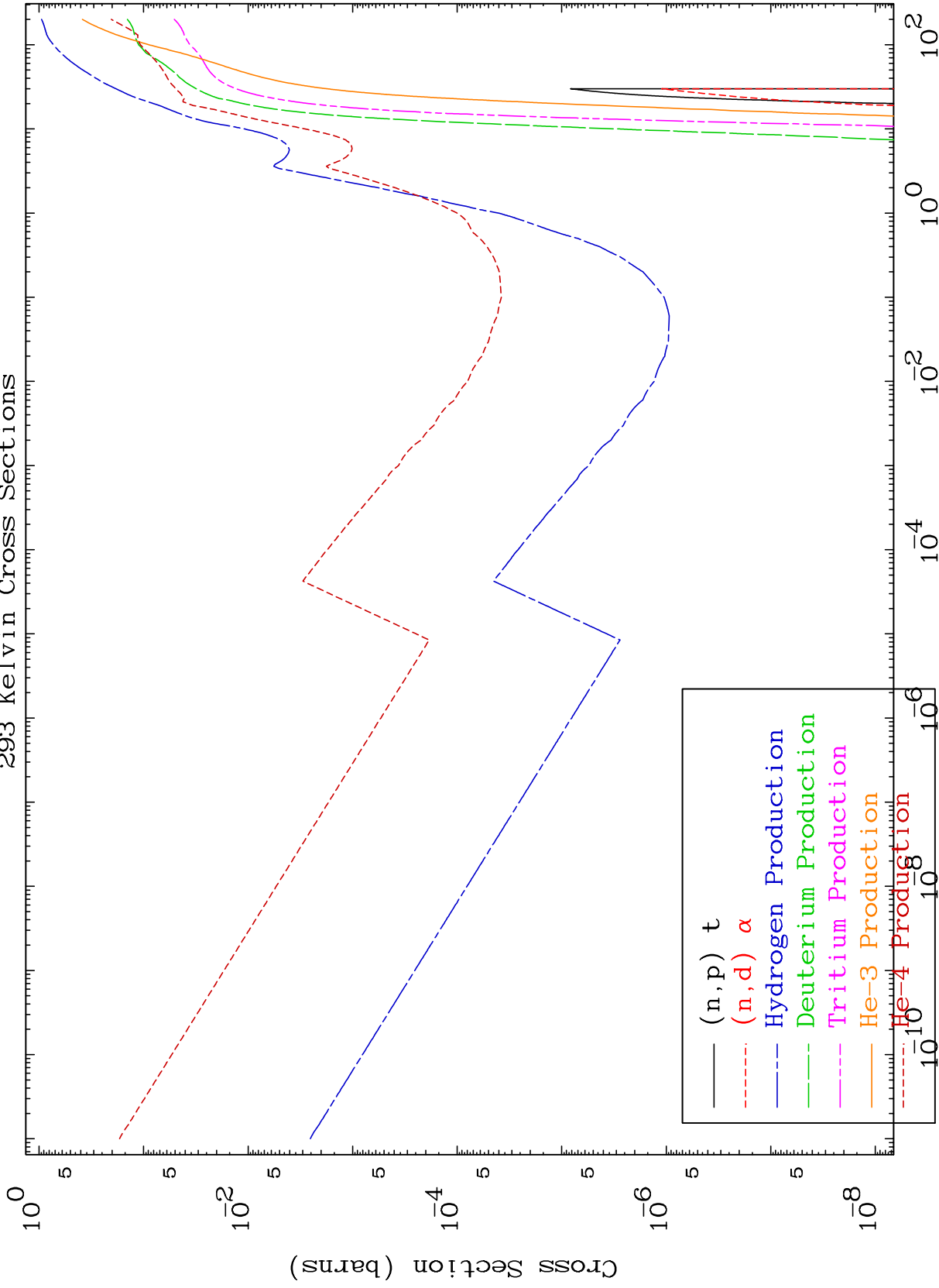


MAT 8616

Neutron Absorption
293 Kelvin Cross Sections

86-Rn-208

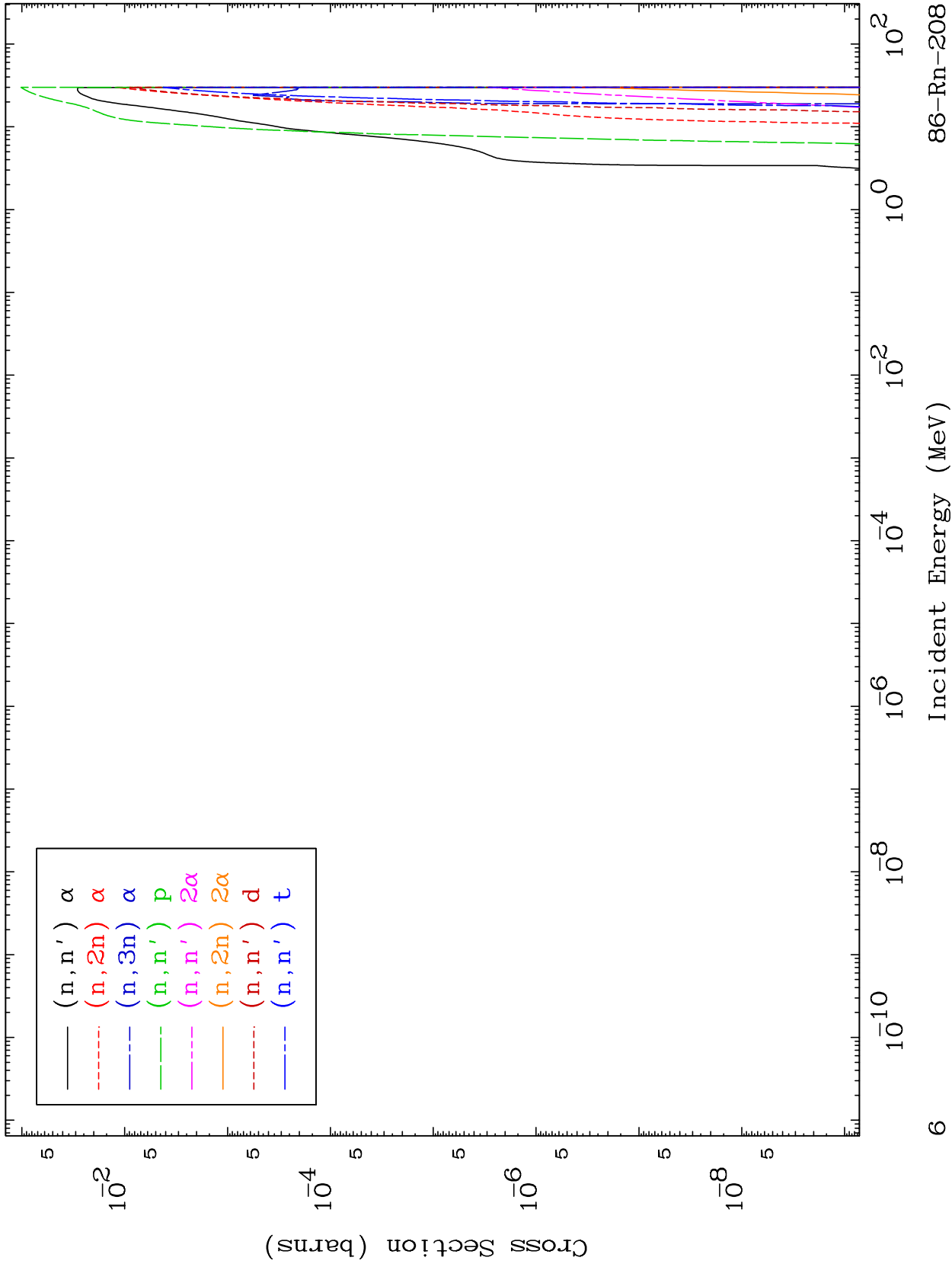




MAT 8616

Charged Particle
293 Kelvin Cross Sections

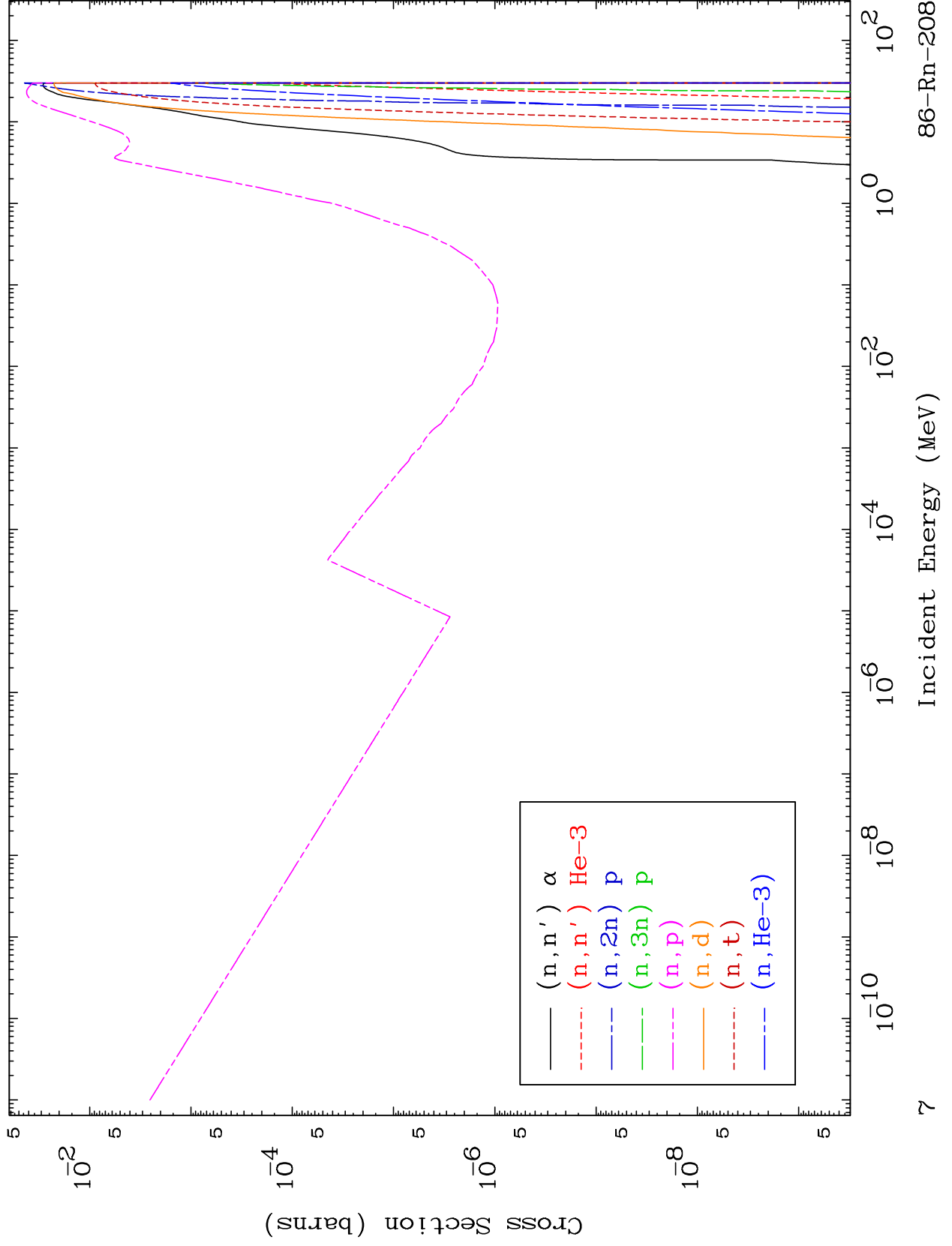
86-Rn-208



MAT 8616

Charged Particle
293 Kelvin Cross Sections

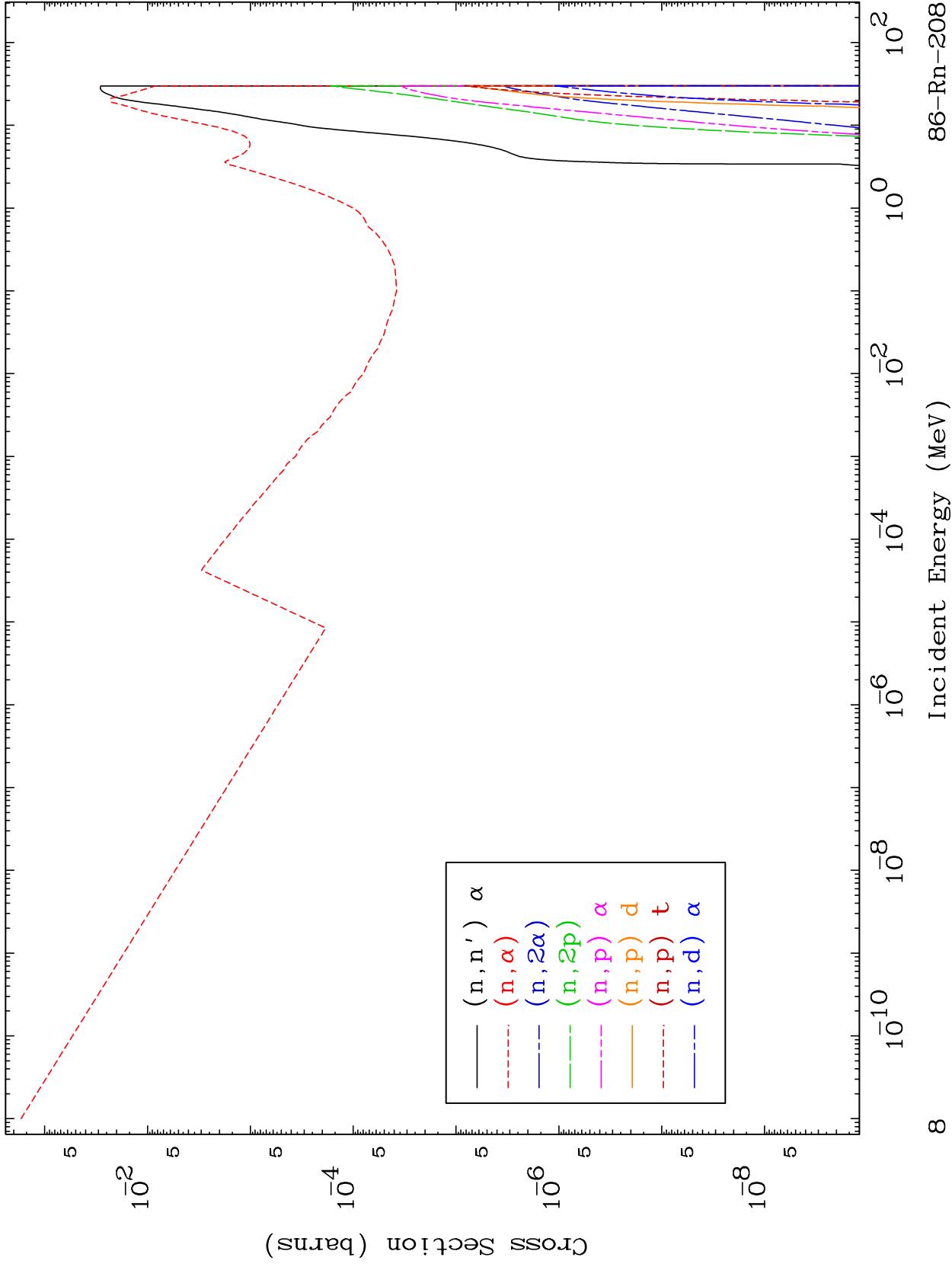
86-Rn-208



MAT 8616

Charged Particle
293 Kelvin Cross Sections

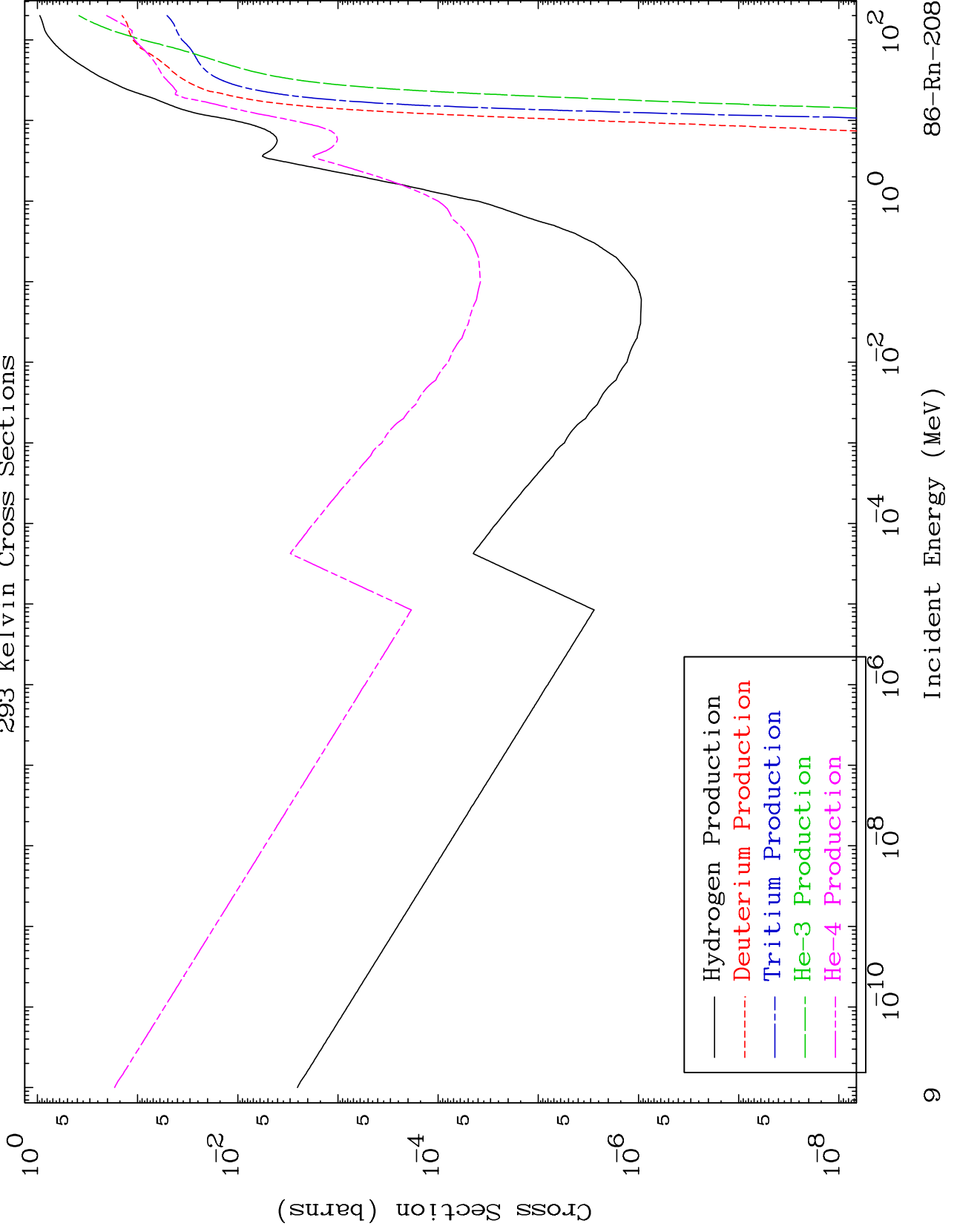
86-Rn-208



MAT 8616

Particle Production
293 Kelvin Cross Sections

86-Rn-208

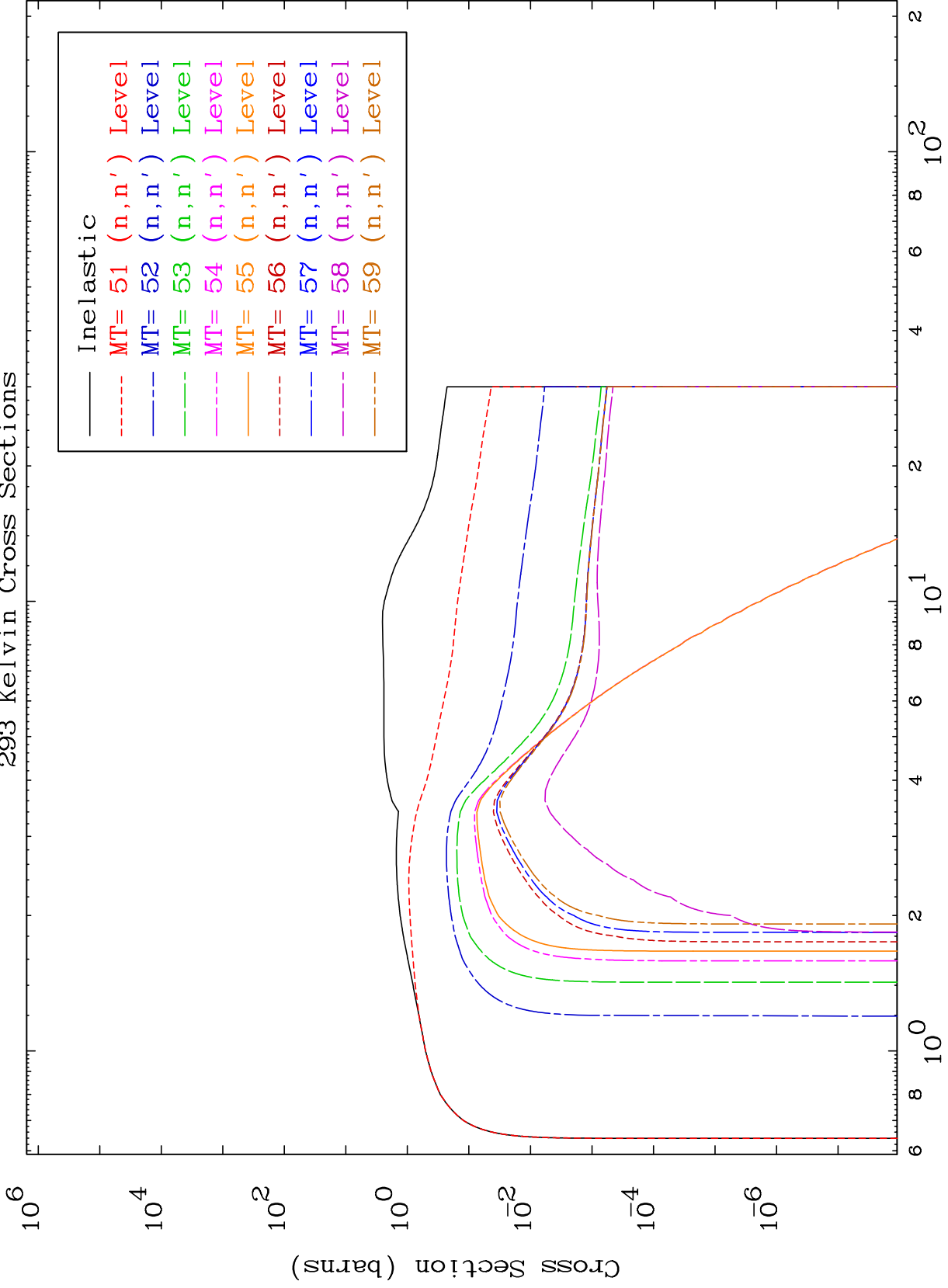


MAT 8616

(n,n') Levels

86-Rn-208

293 Kelvin Cross Sections



10

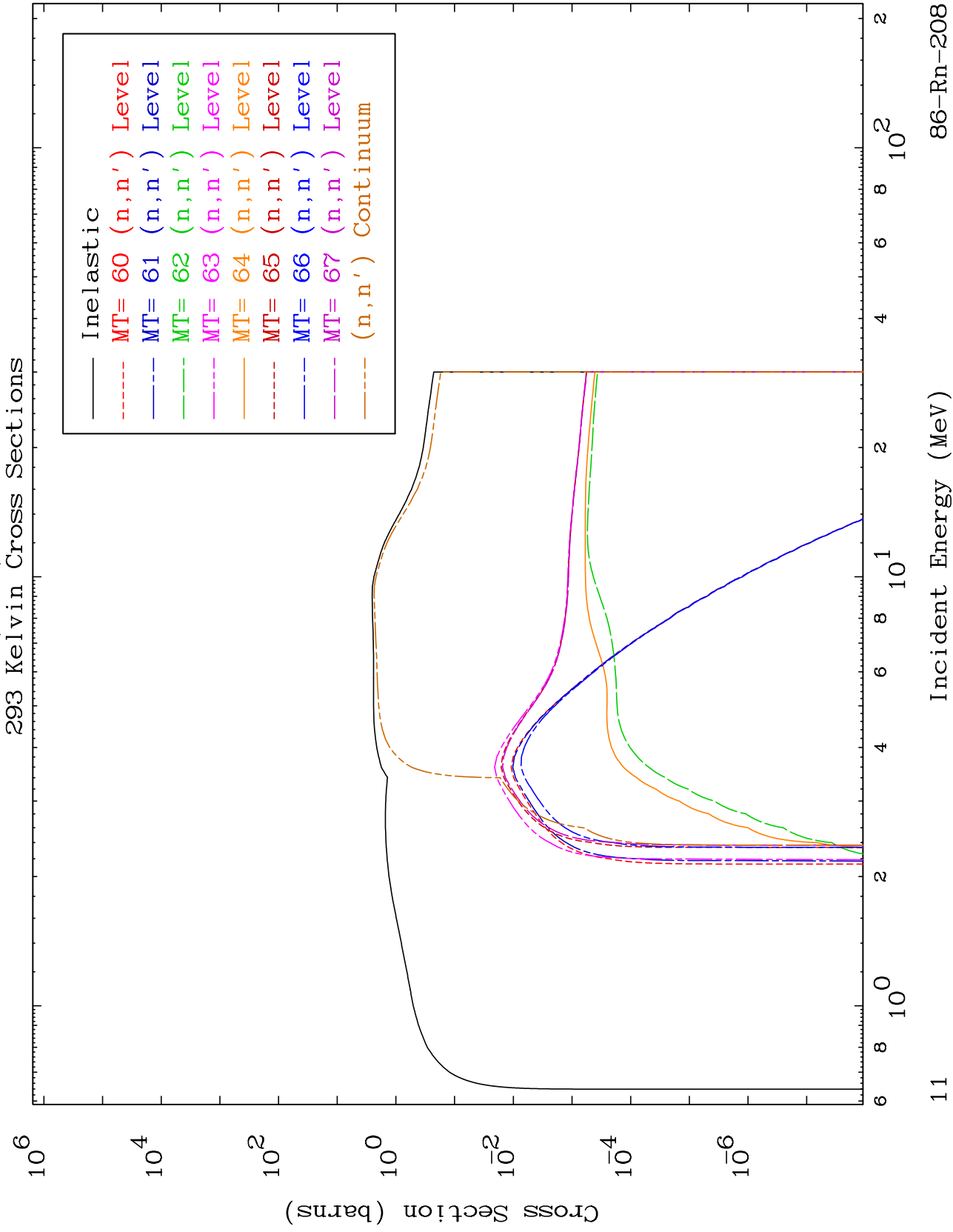
Incident Energy (MeV)

86-Rn-208

MAT 8616

(n,n') Levels

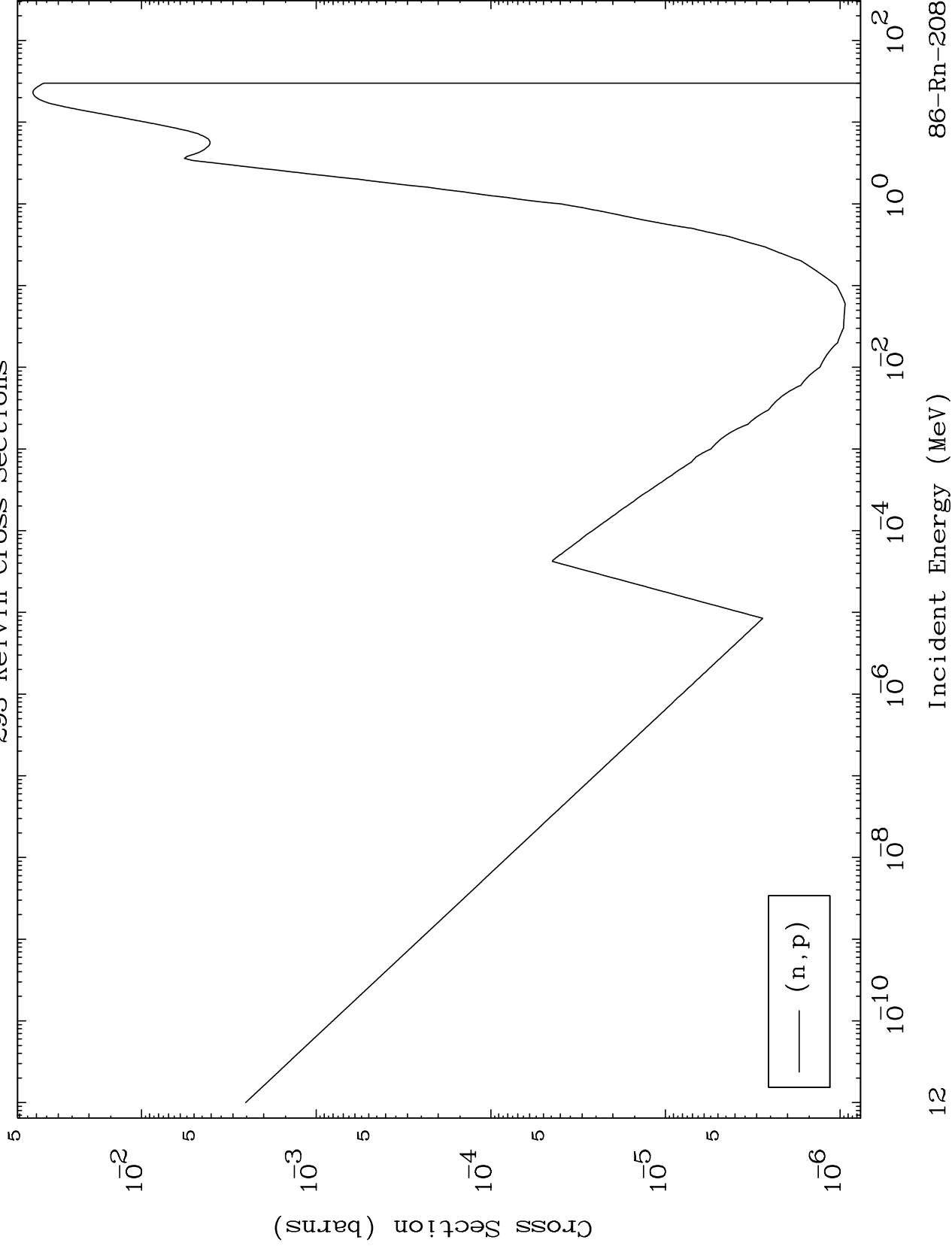
86-Rn-208



MAT 8616

(n,p) Levels
293 Kelvin Cross Sections

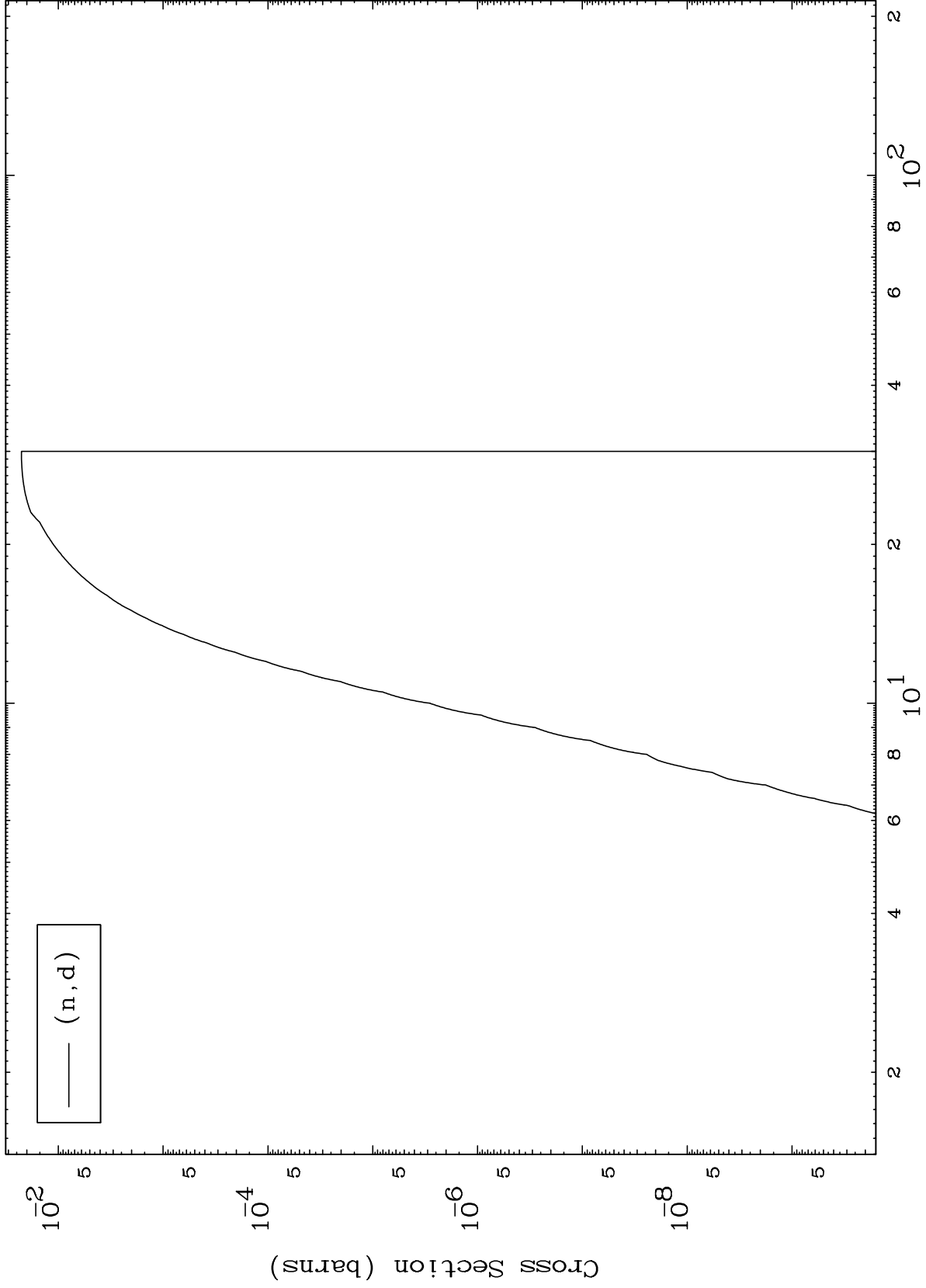
86-Rn-208



MAT 8616

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-208



13

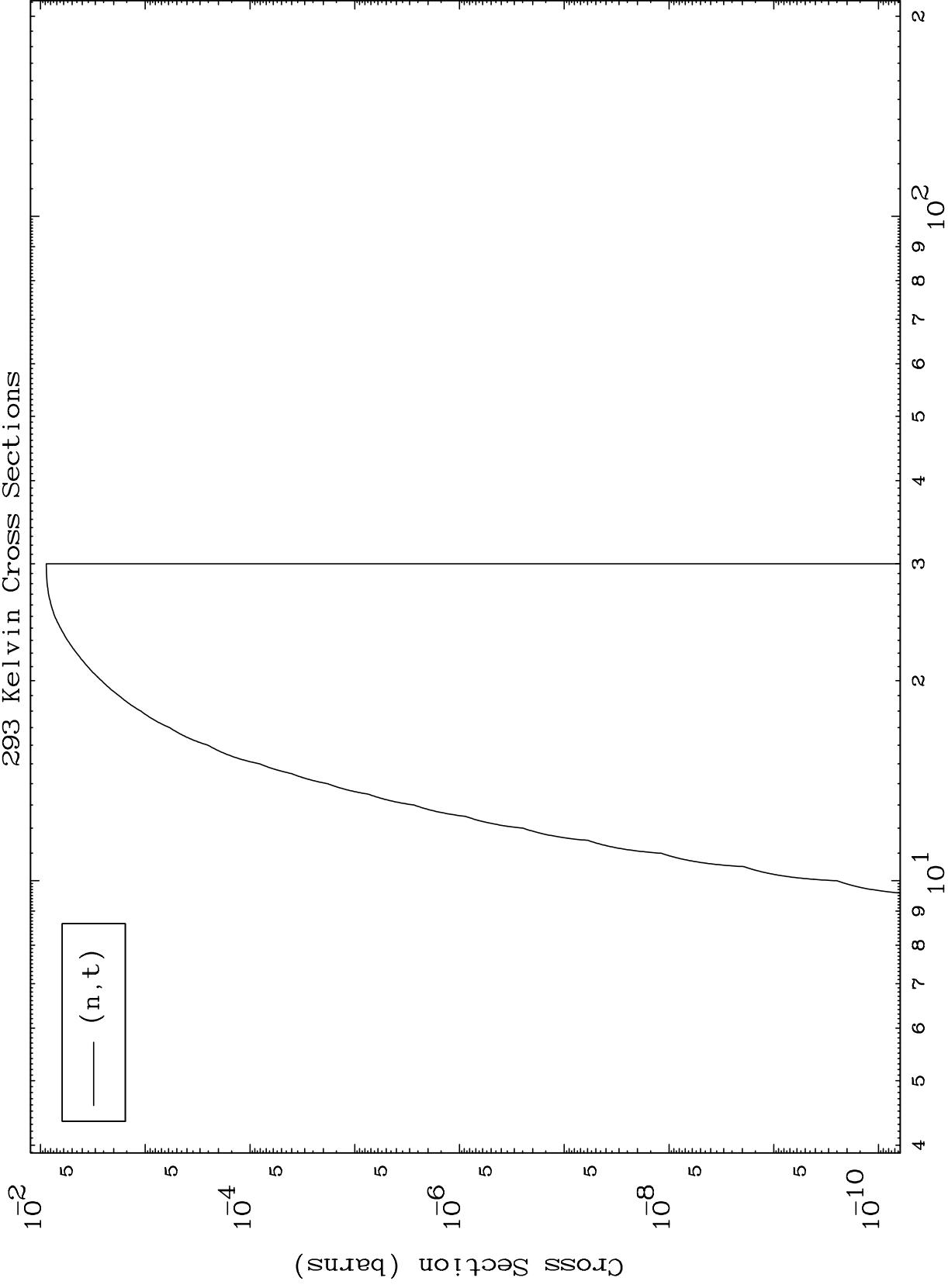
Incident Energy (MeV)

86-Rn-208

MAT 8616

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-208



14

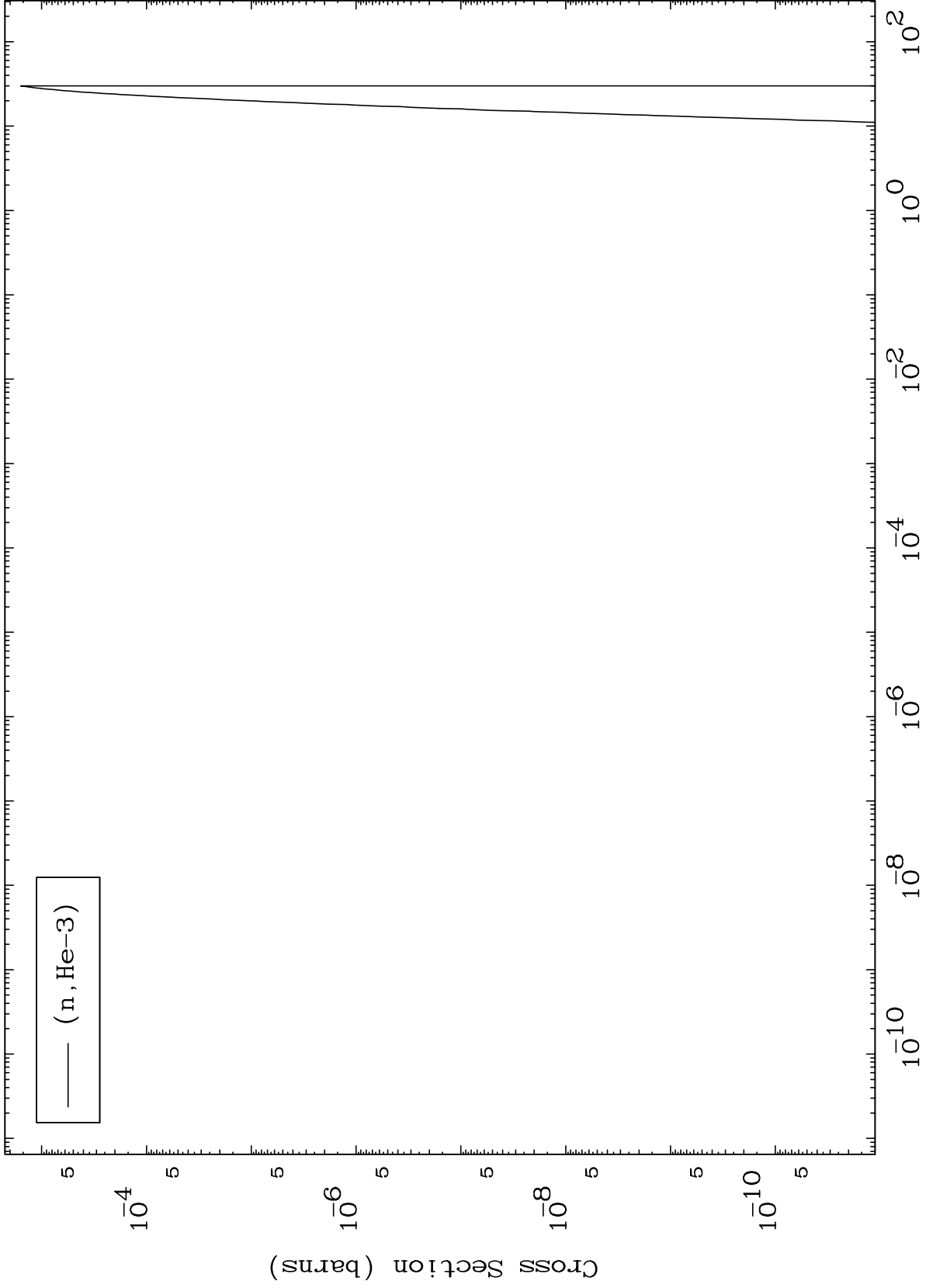
Incident Energy (MeV)

86-Rn-208

MAT 8616

(n,He3) Levels
293 Kelvin Cross Sections

86-Rn-208



15

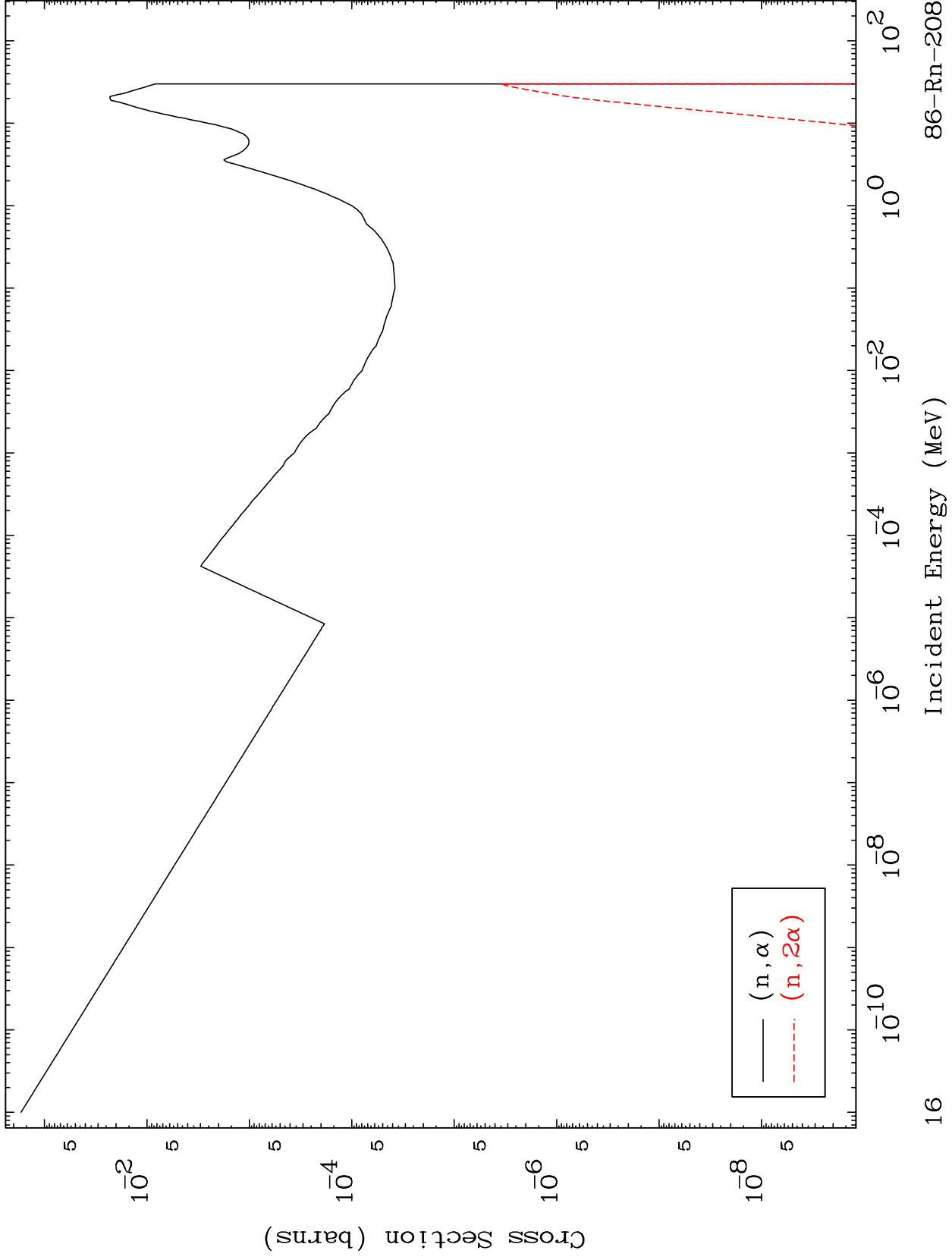
Incident Energy (MeV)

86-Rn-208

MAT 8616

(n,α) Levels
293 Kelvin Cross Sections

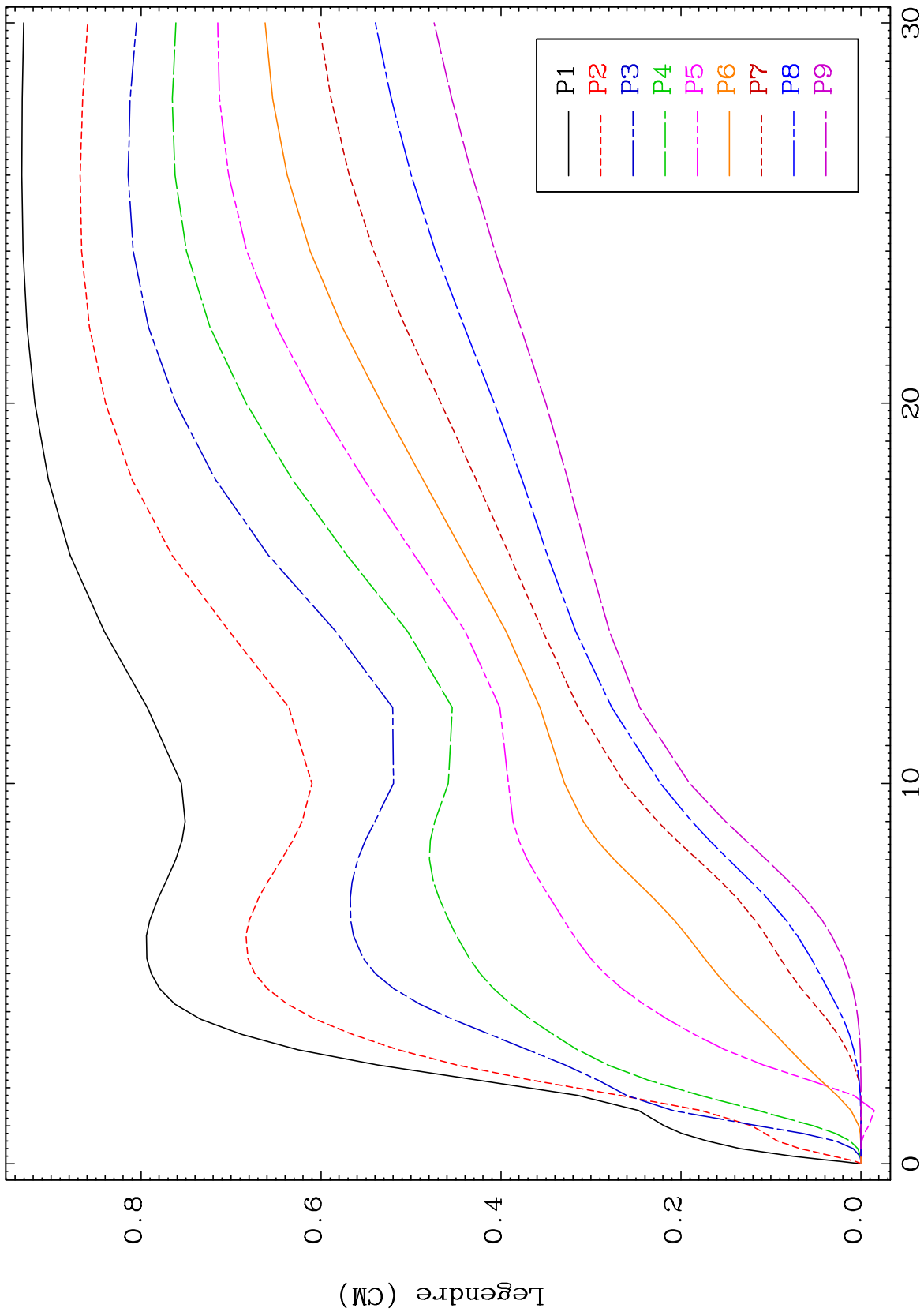
86-Rn-208



MAT 8616

86-Rn-208

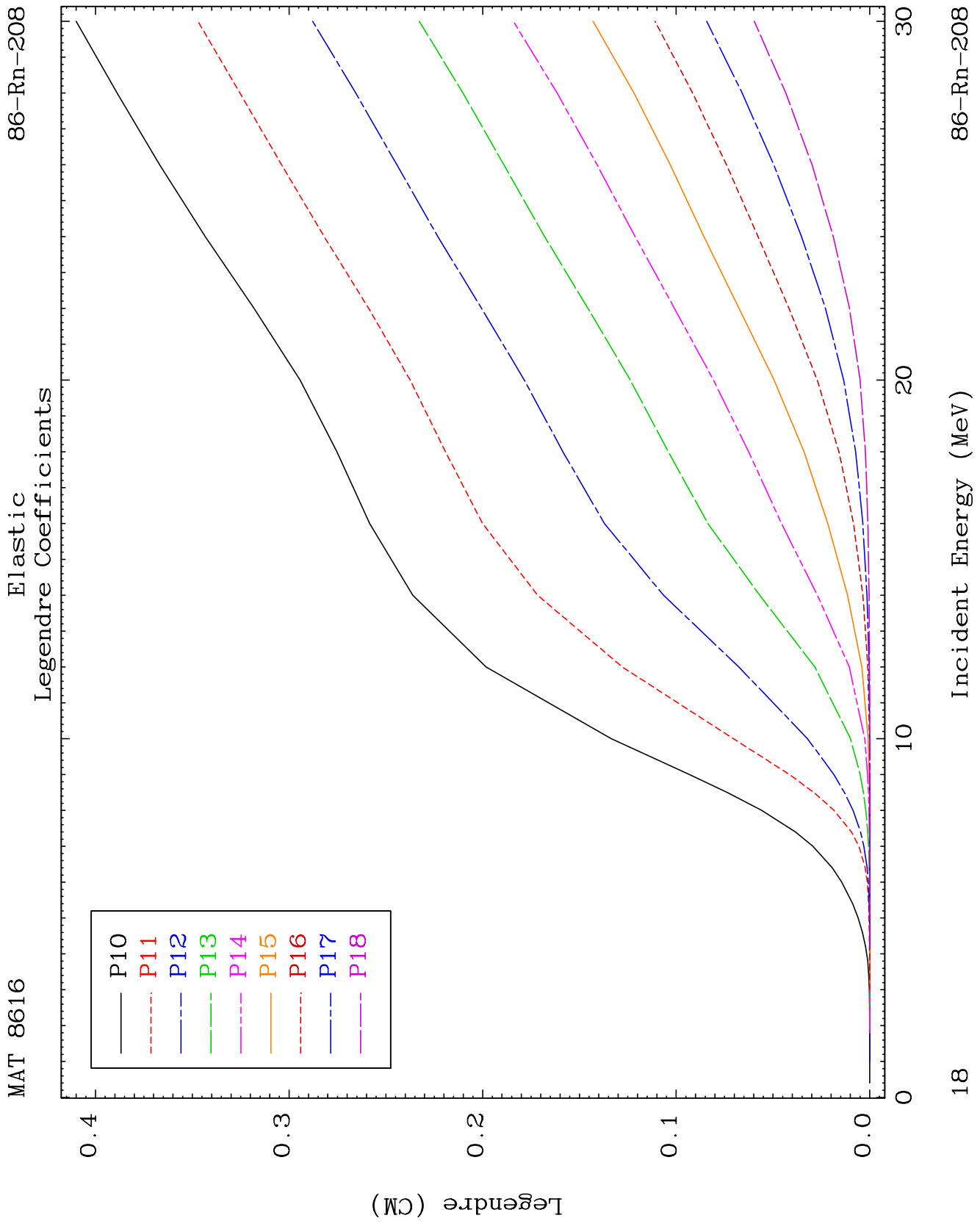
Elastic Legendre Coefficients



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Incident Energy (MeV)

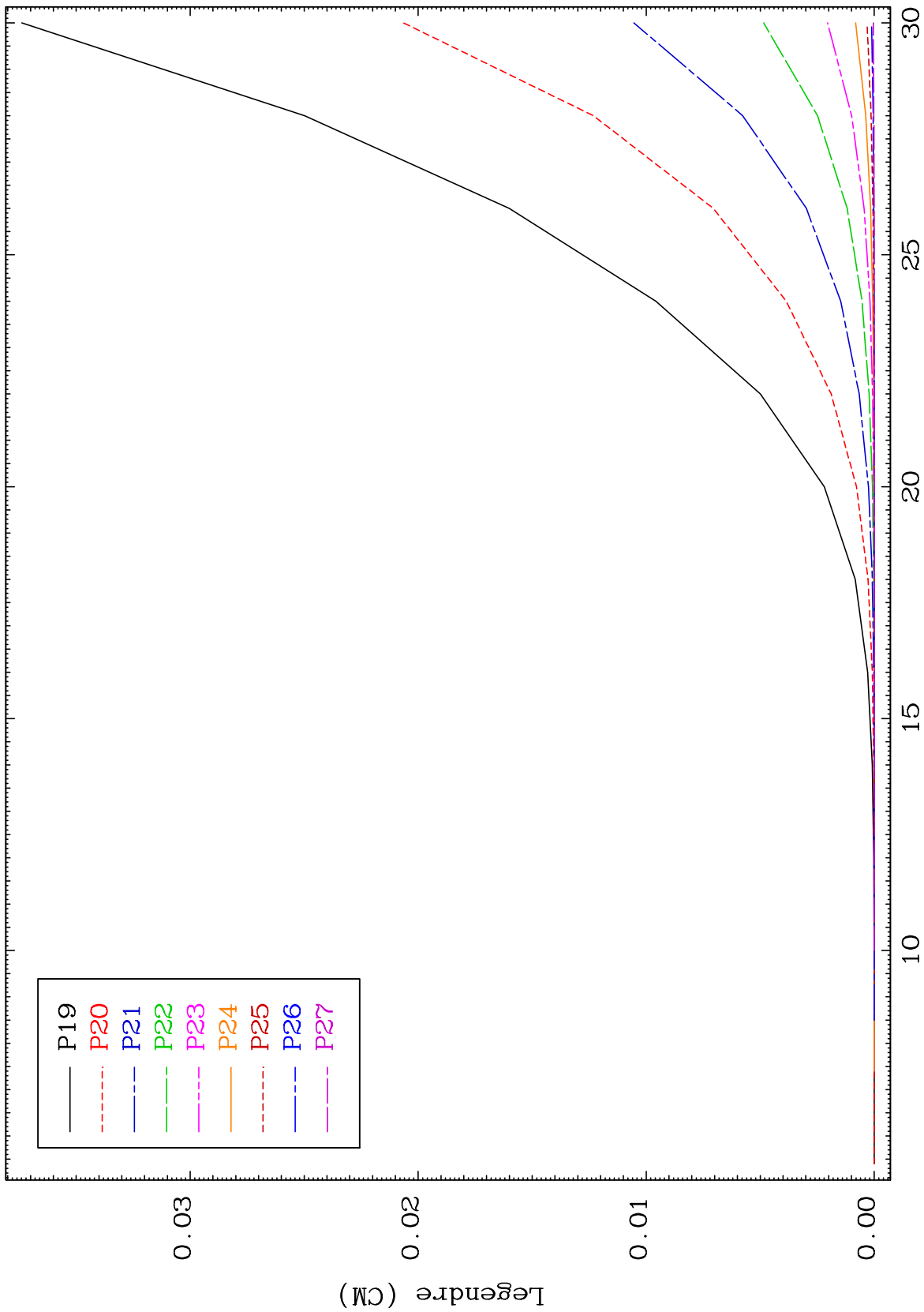
86-Rn-208



MAT 8616

Elastic
Legendre Coefficients

86-Rn-208



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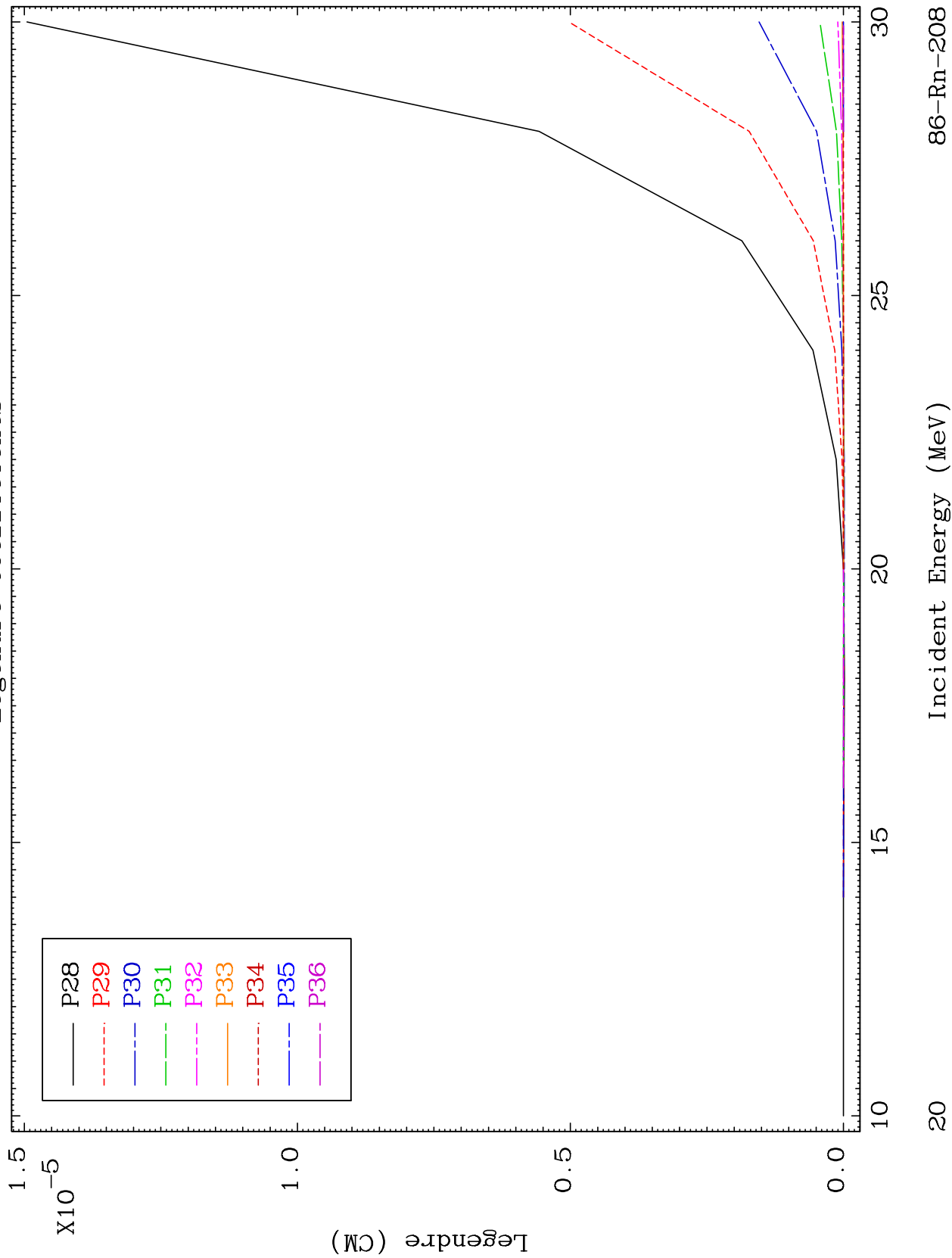
Incident Energy (MeV)

86-Rn-208

MAT 8616

Elastic Legendre Coefficients

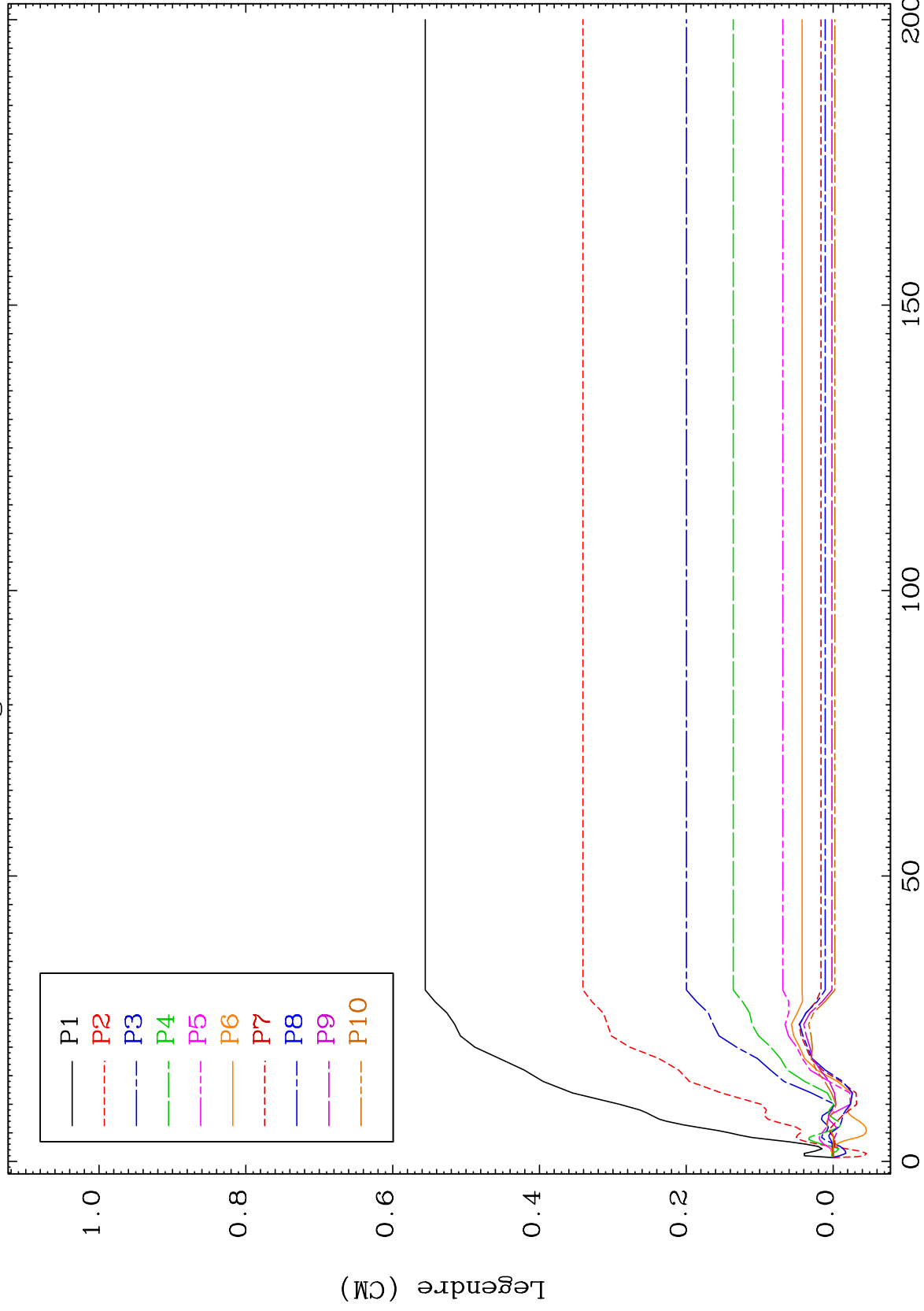
86-Rn-208



MAT 8616

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

86-Rn-208



21

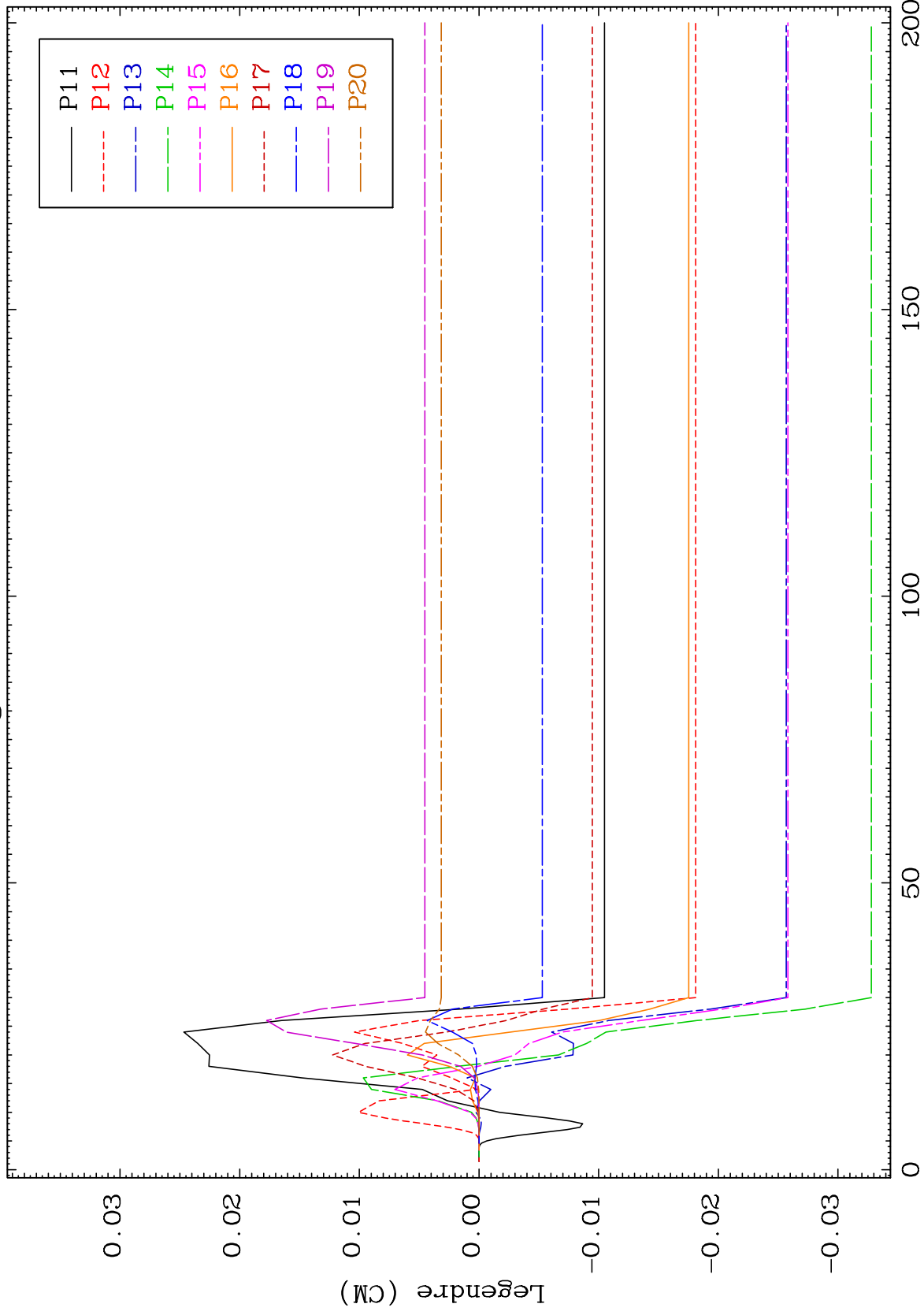
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

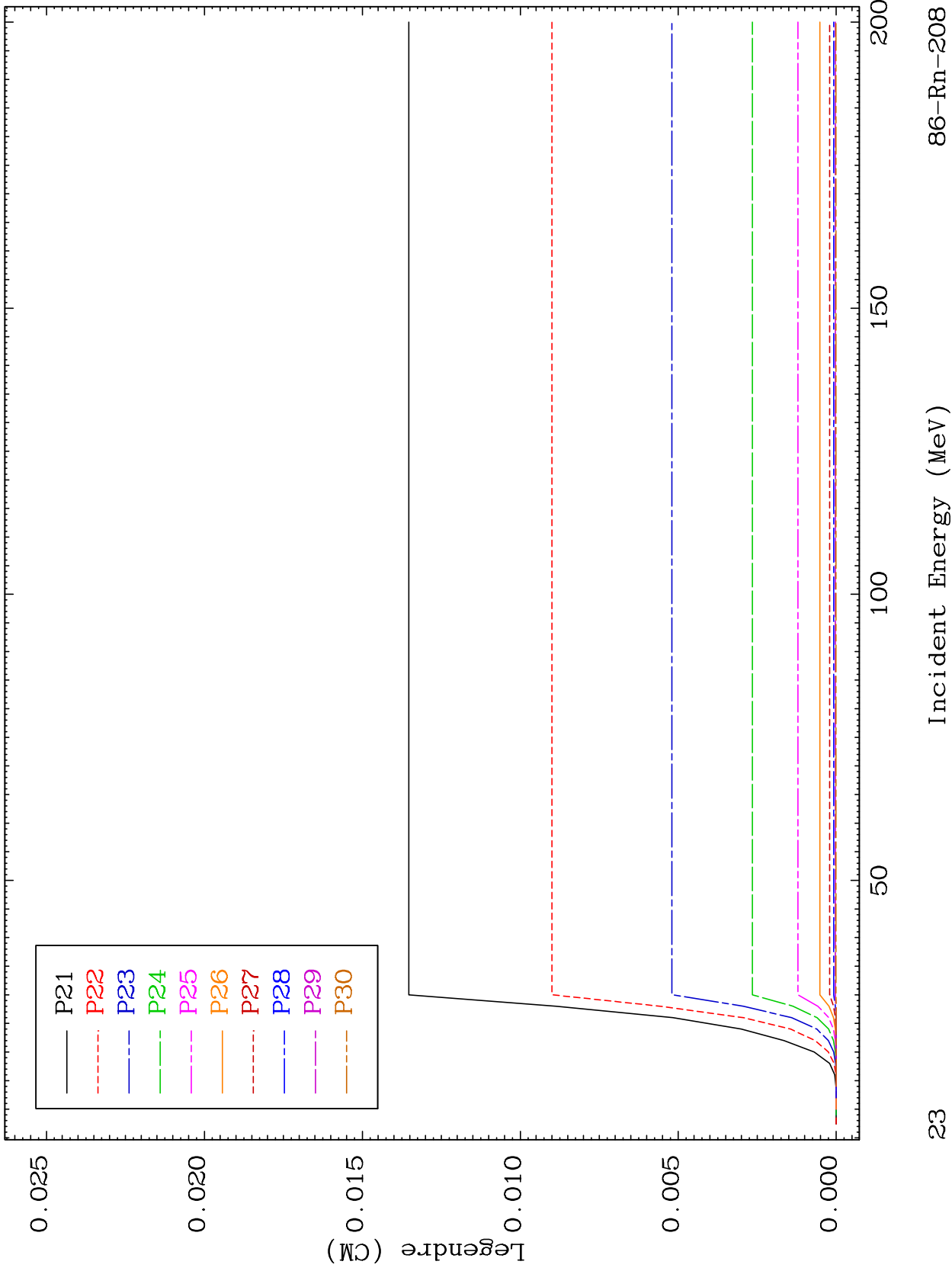
86-Rn-208



22

Incident Energy (MeV)

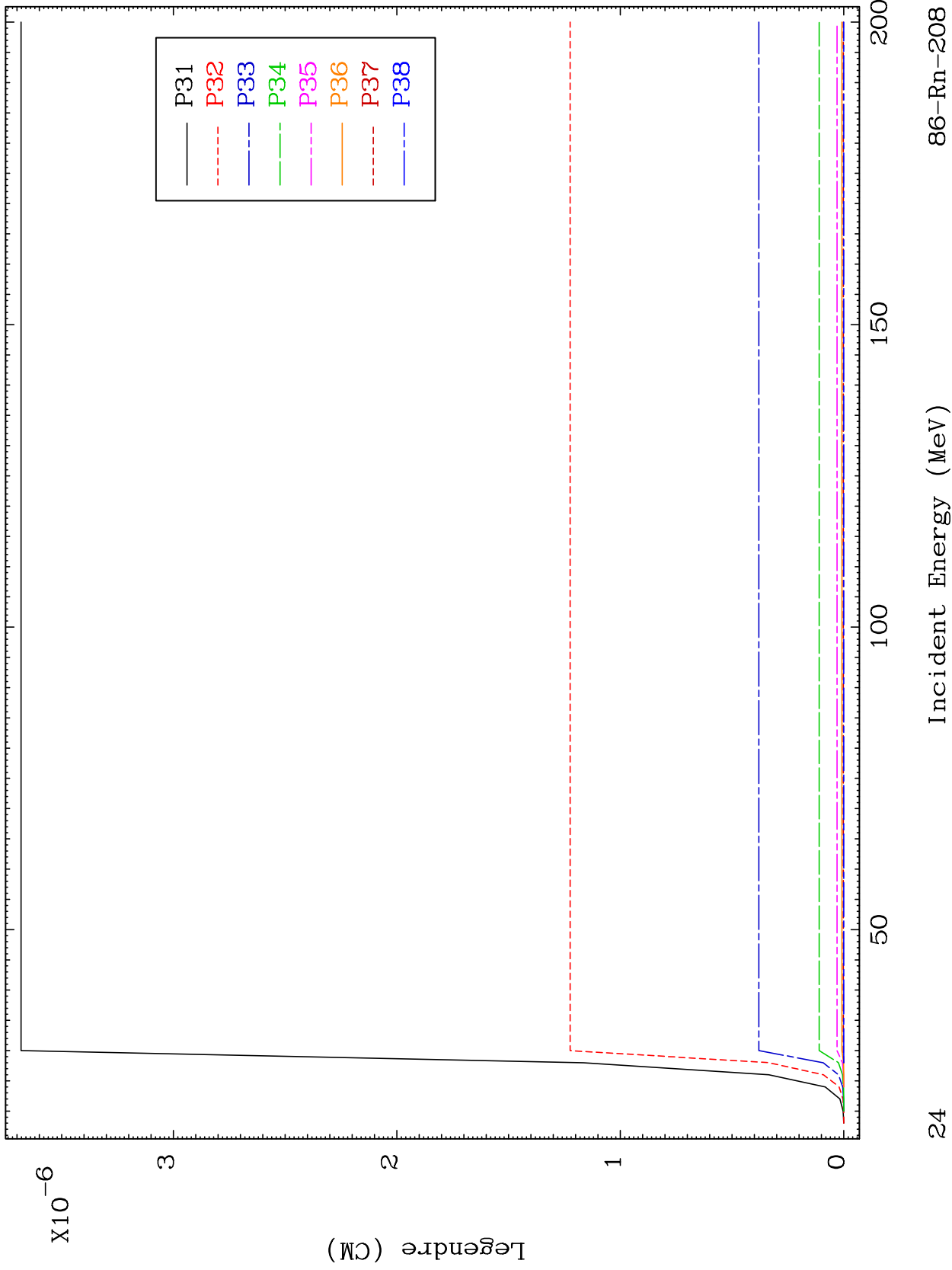
86-Rn-208



MAT 8616

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

86-Rn-208



24

Incident Energy (MeV)

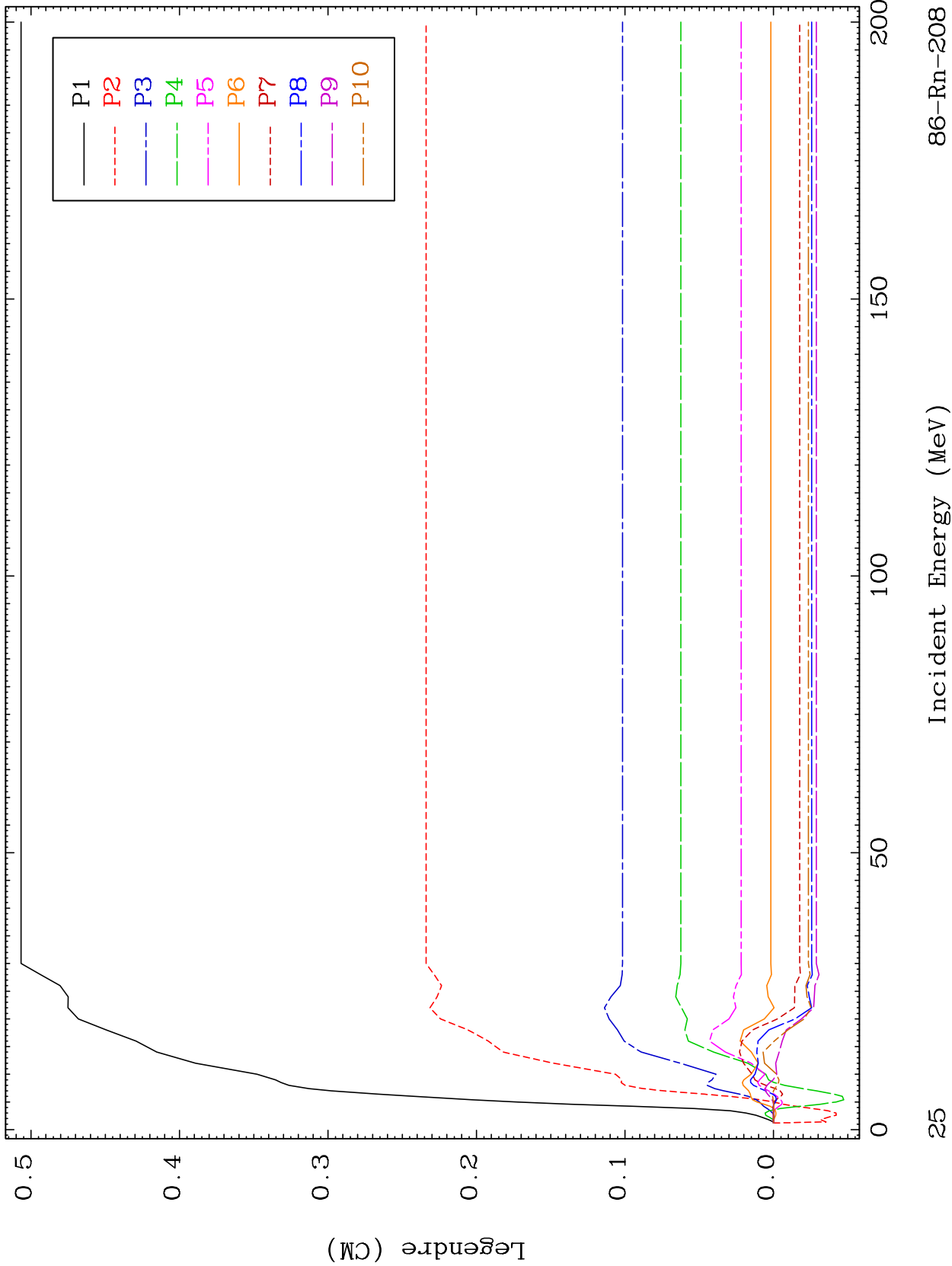
86-Rn-208

MAT 8616

MT= 52 (n,n') Level

86-Rn-208

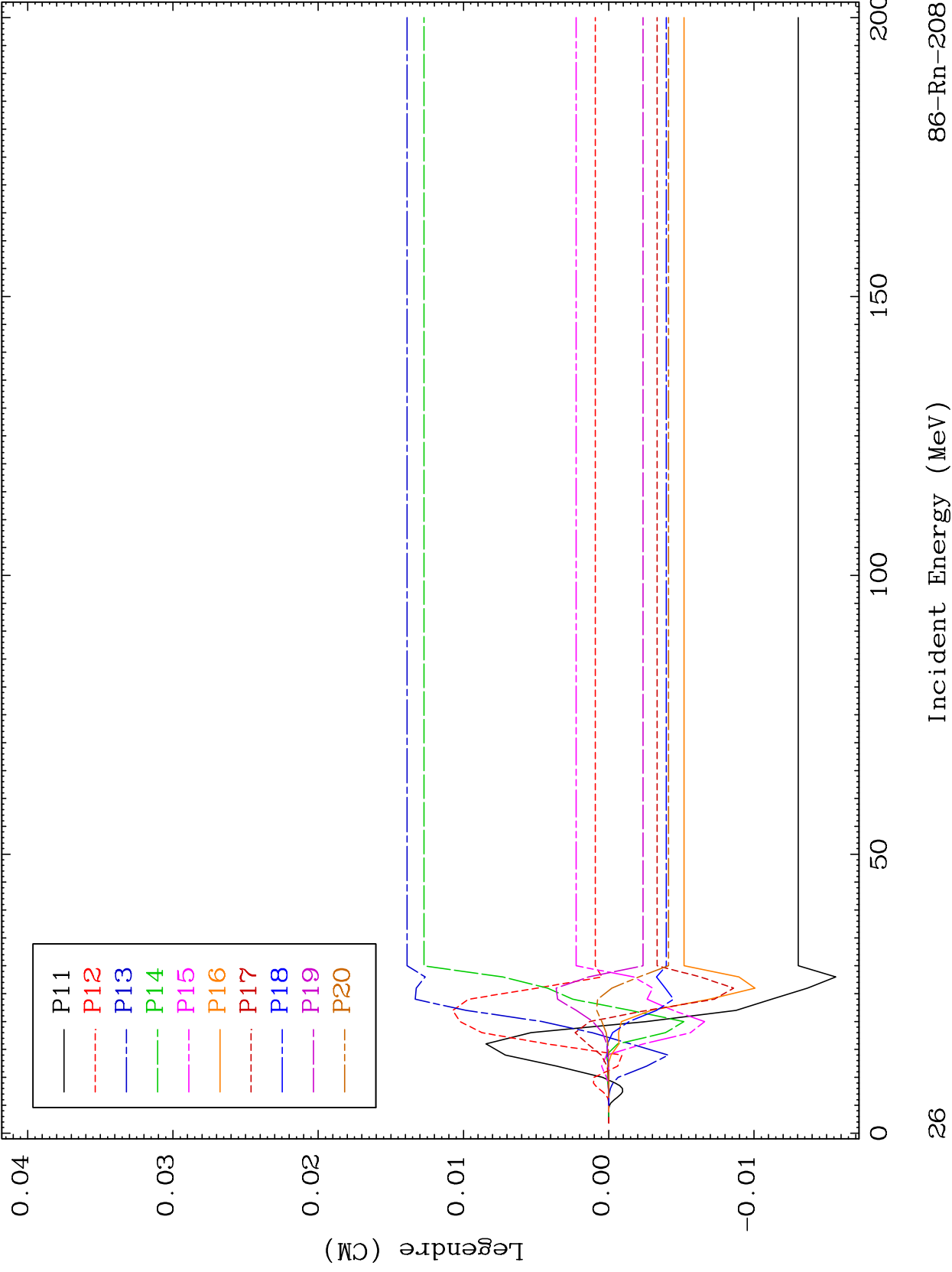
Legendre Coefficients



MAT 8616

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

86-Rn-208



26

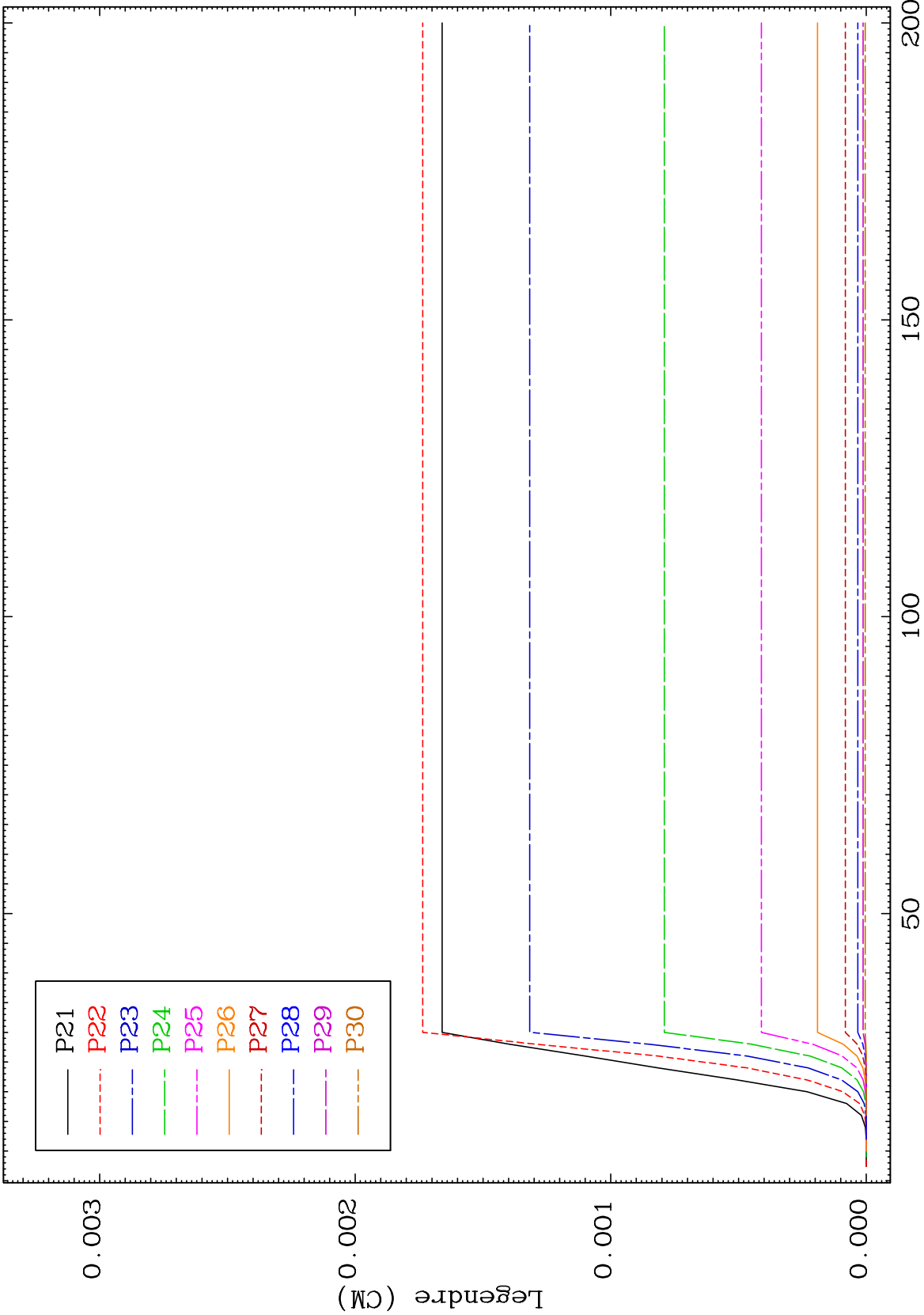
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

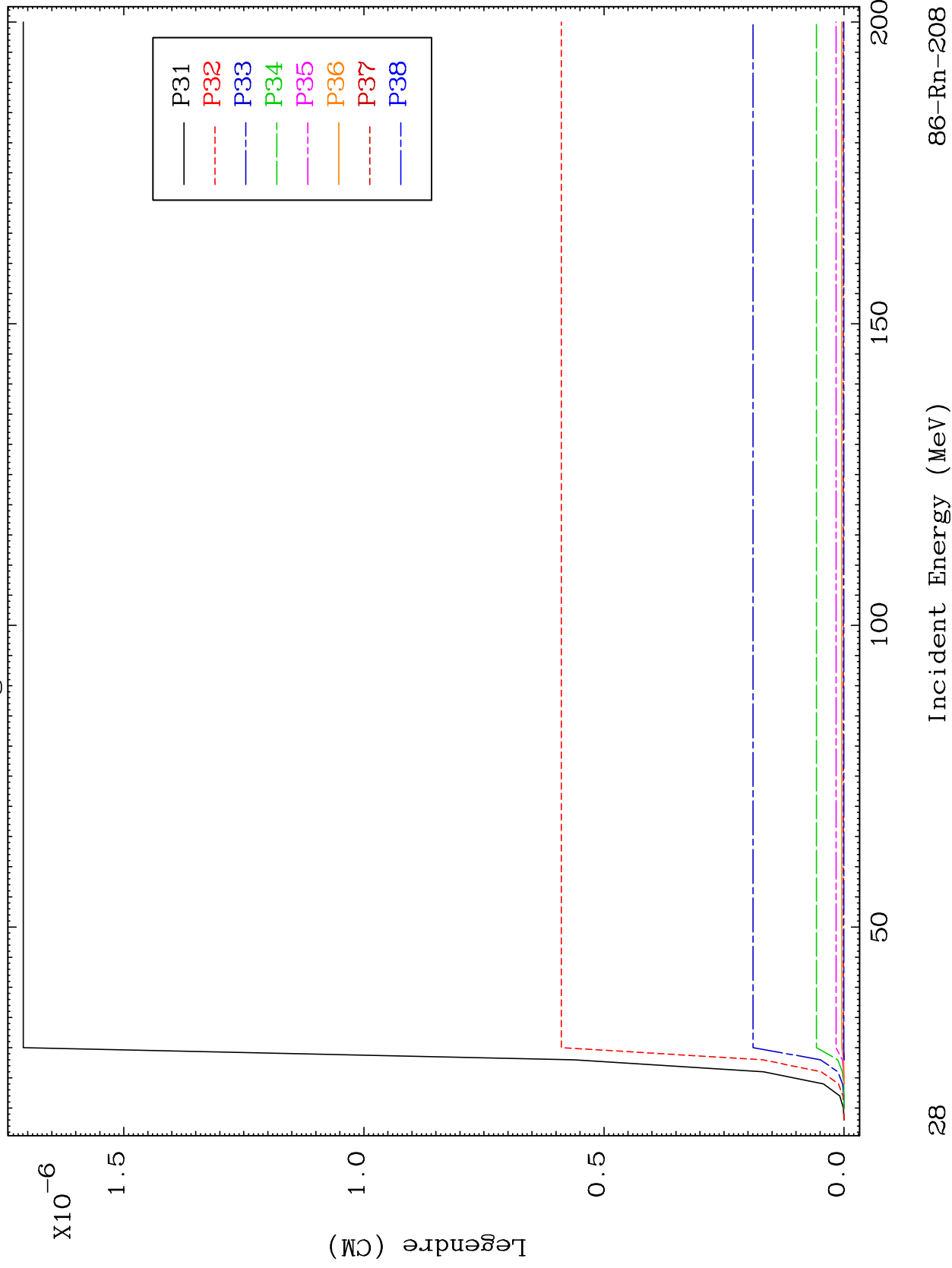
86-Rn-208



MAT 8616

86-Rn-208

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



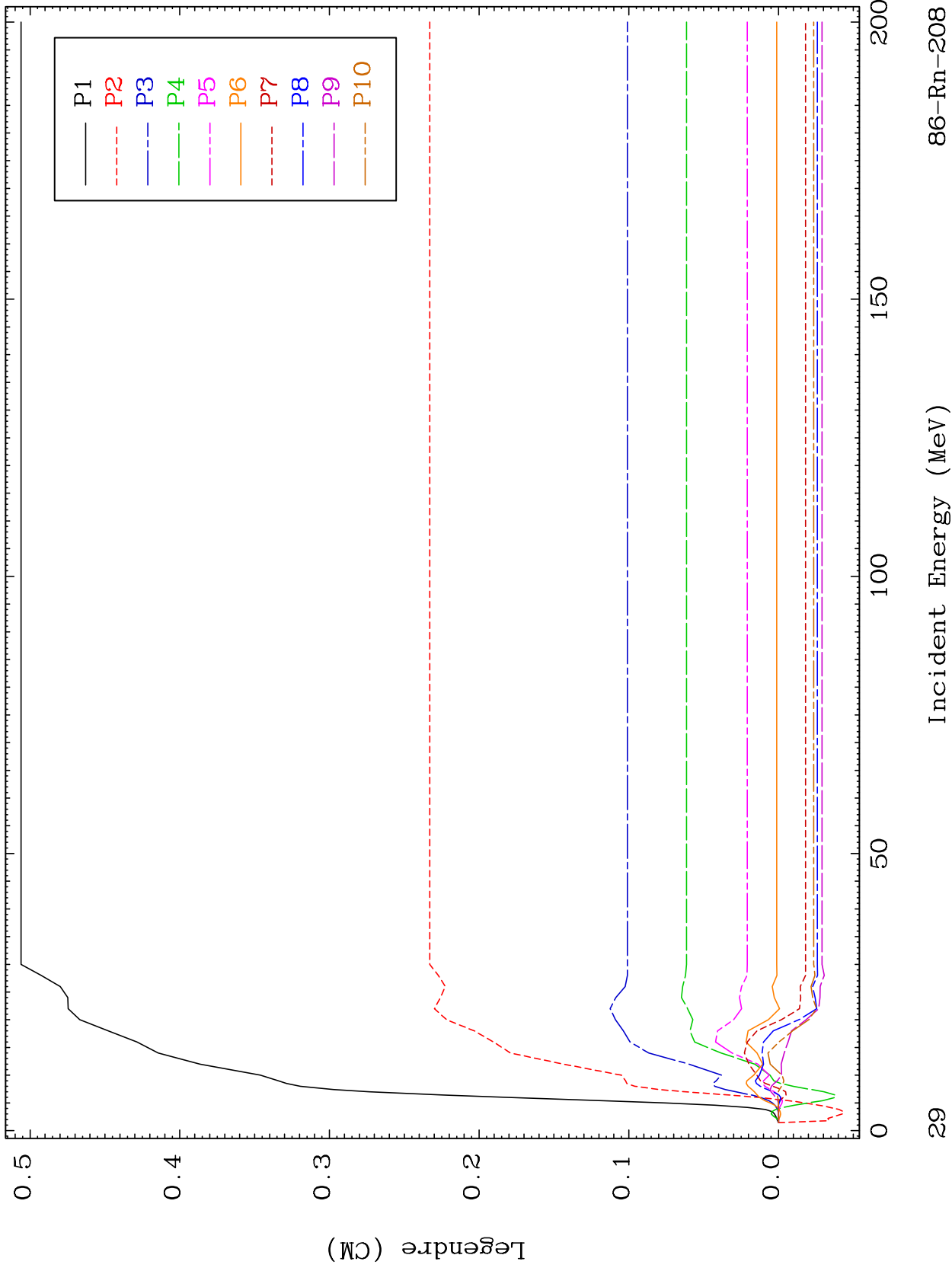
28

86-Rn-208

MAT 8616

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

86-Rn-208



29

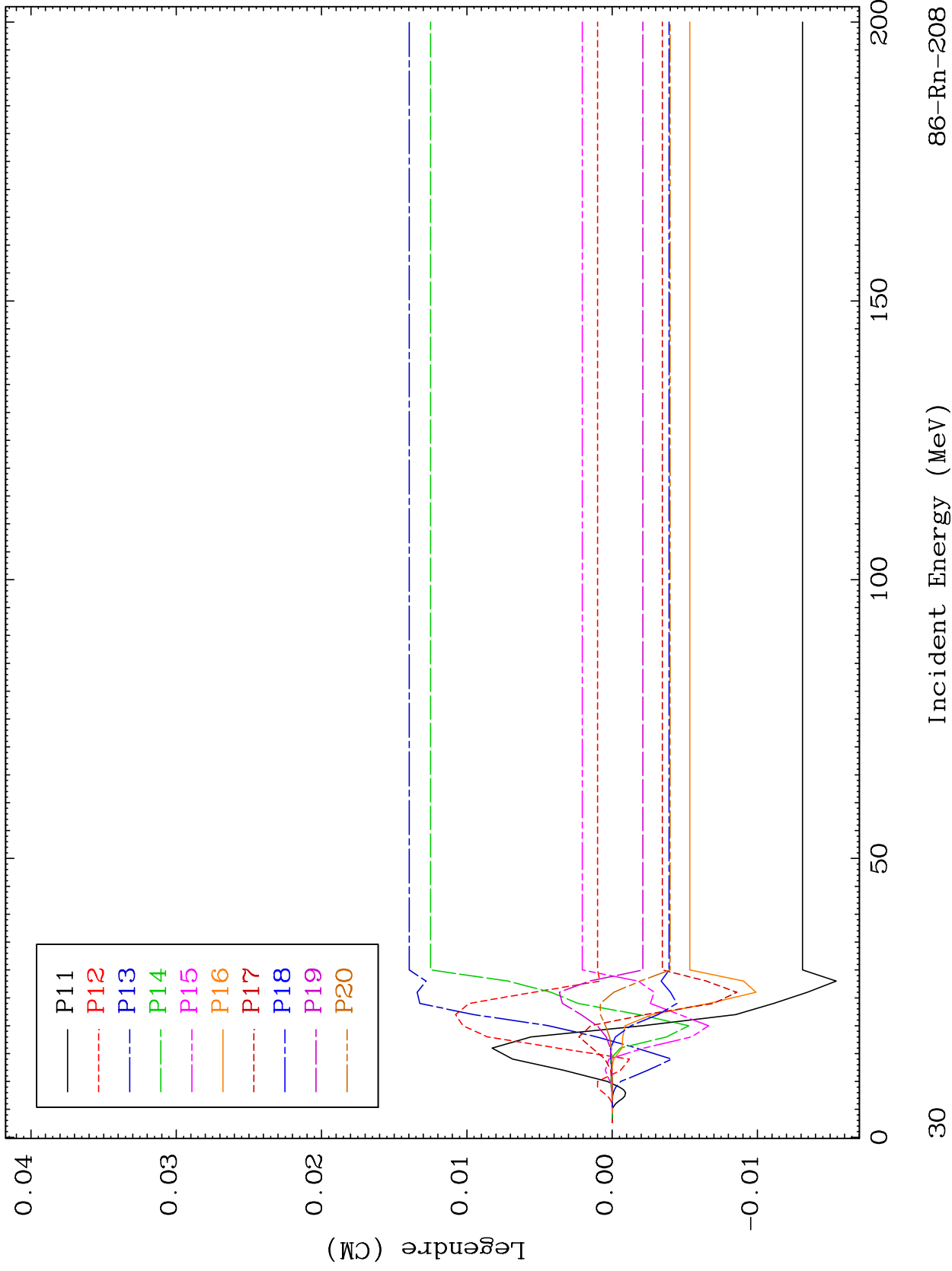
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



86-Rn-208

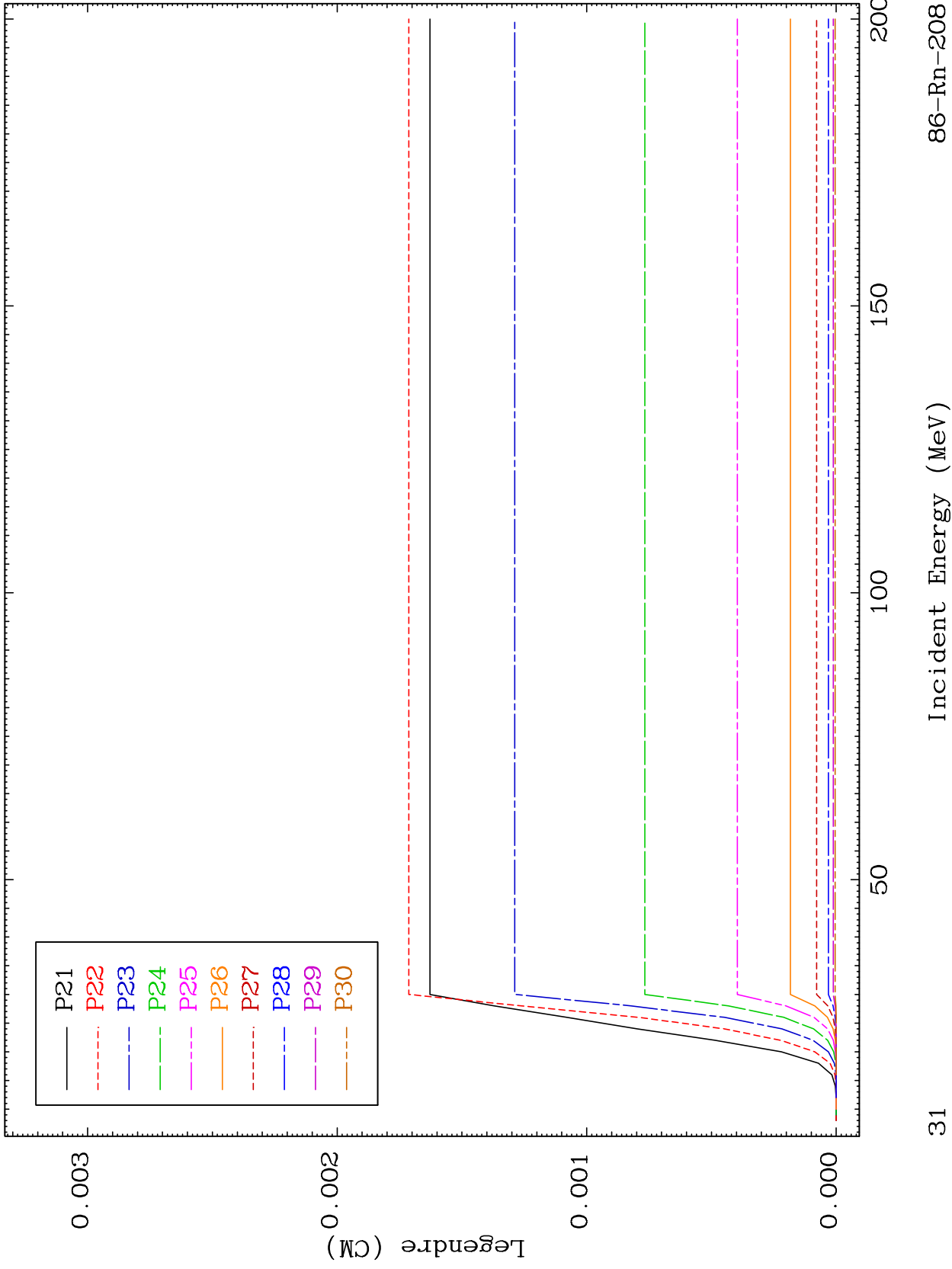
Incident Energy (MeV)

30

MAT 8616

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

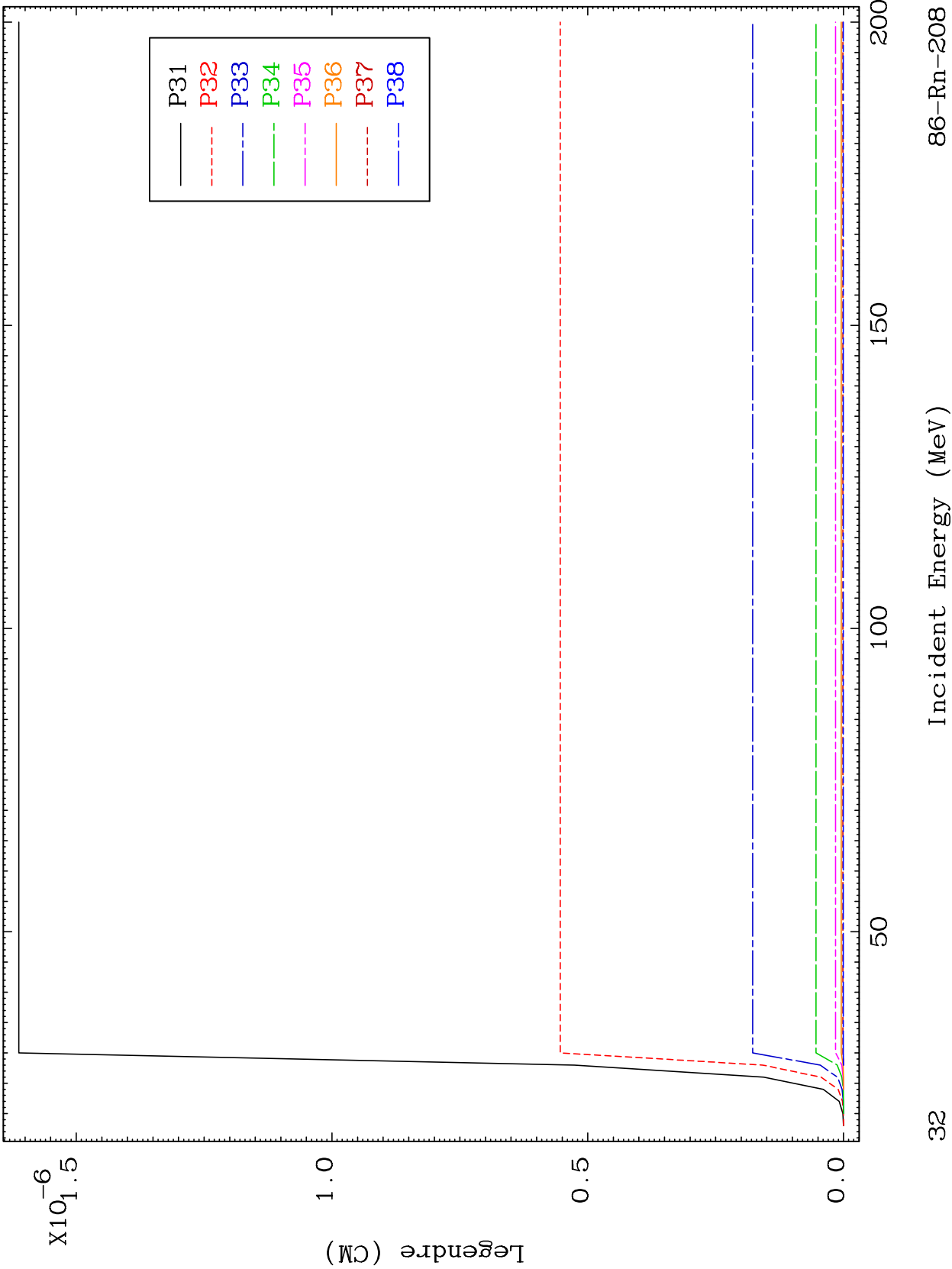
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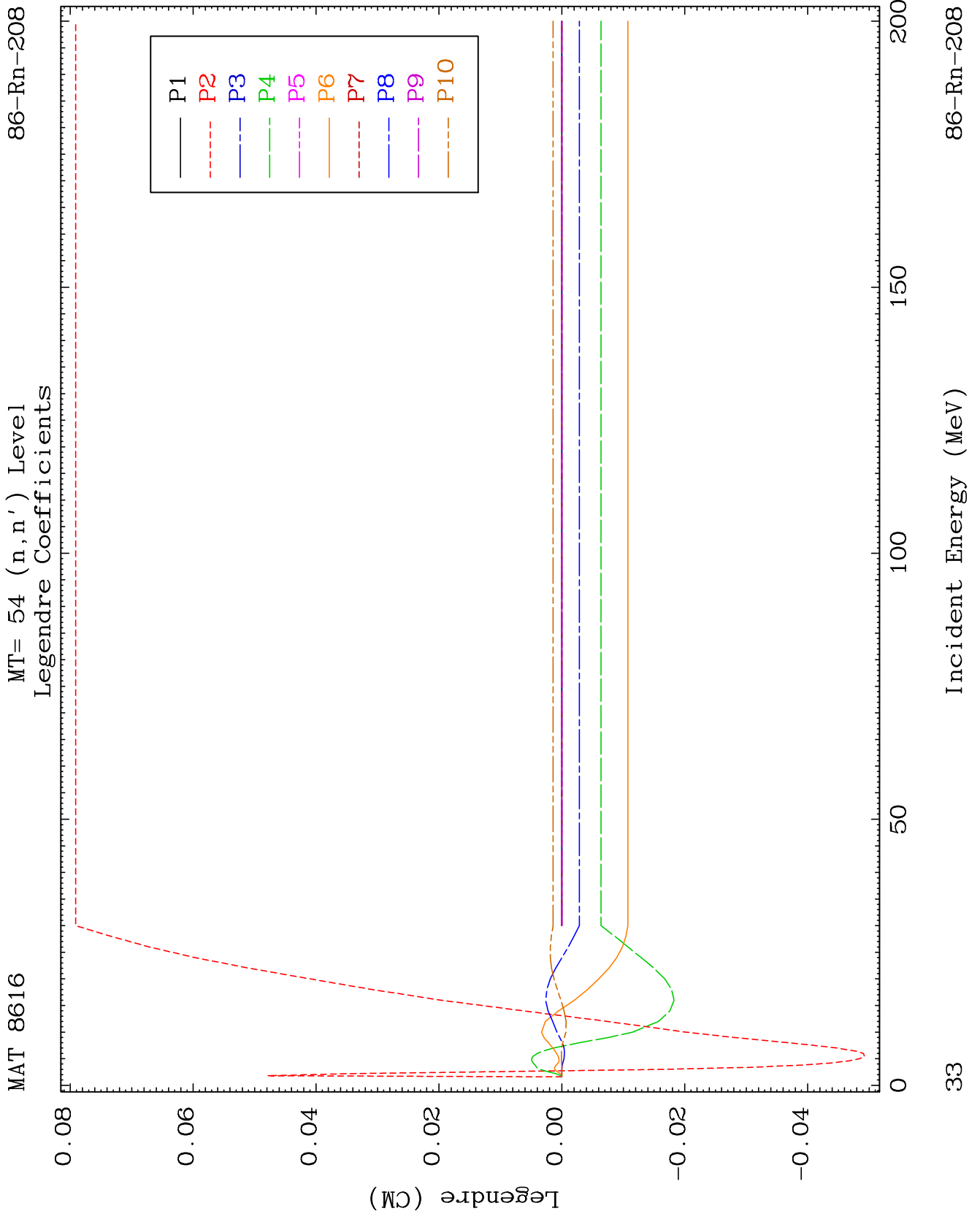
MAT 8616

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

86-Rn-208



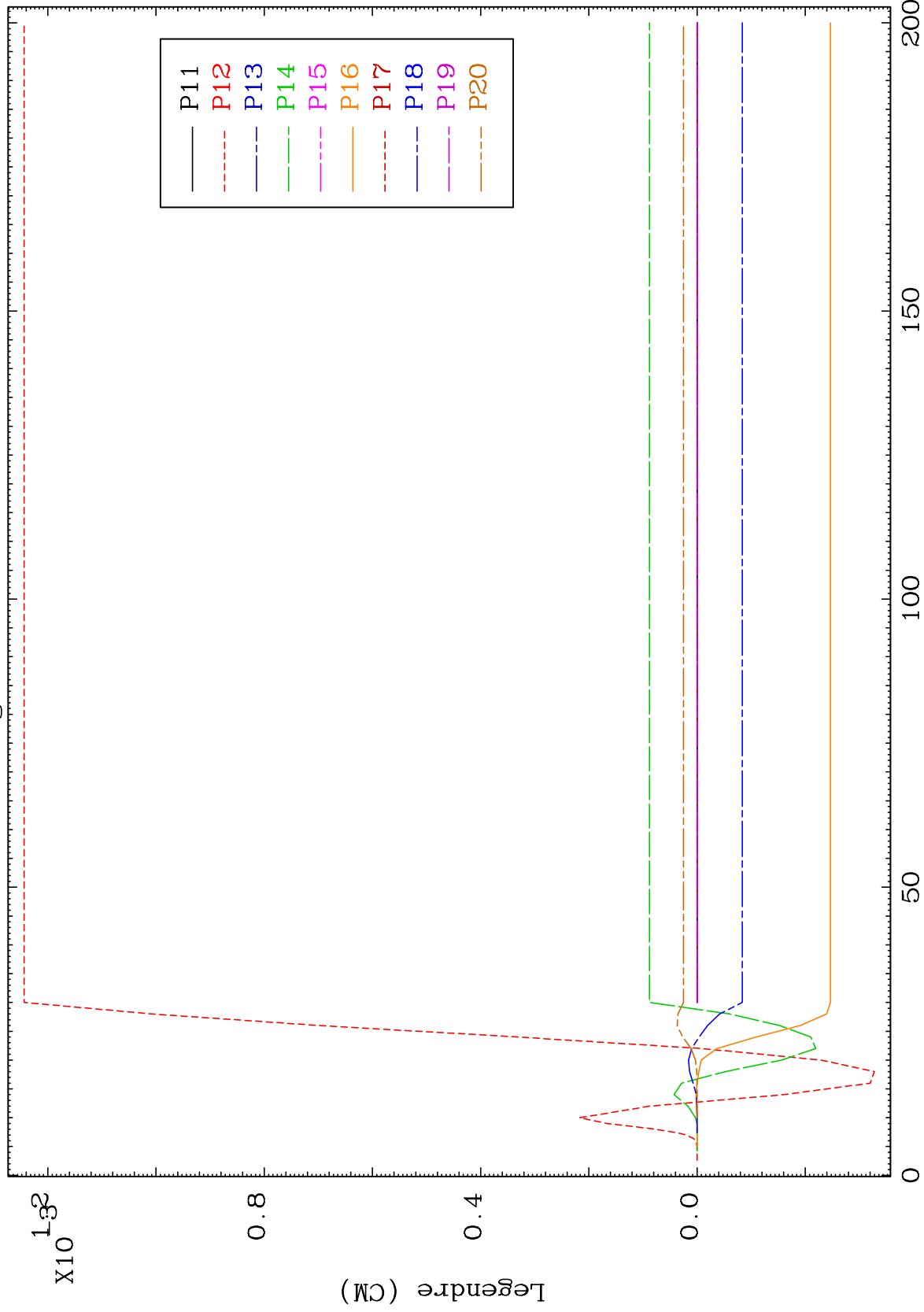
32



MAT 8616

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

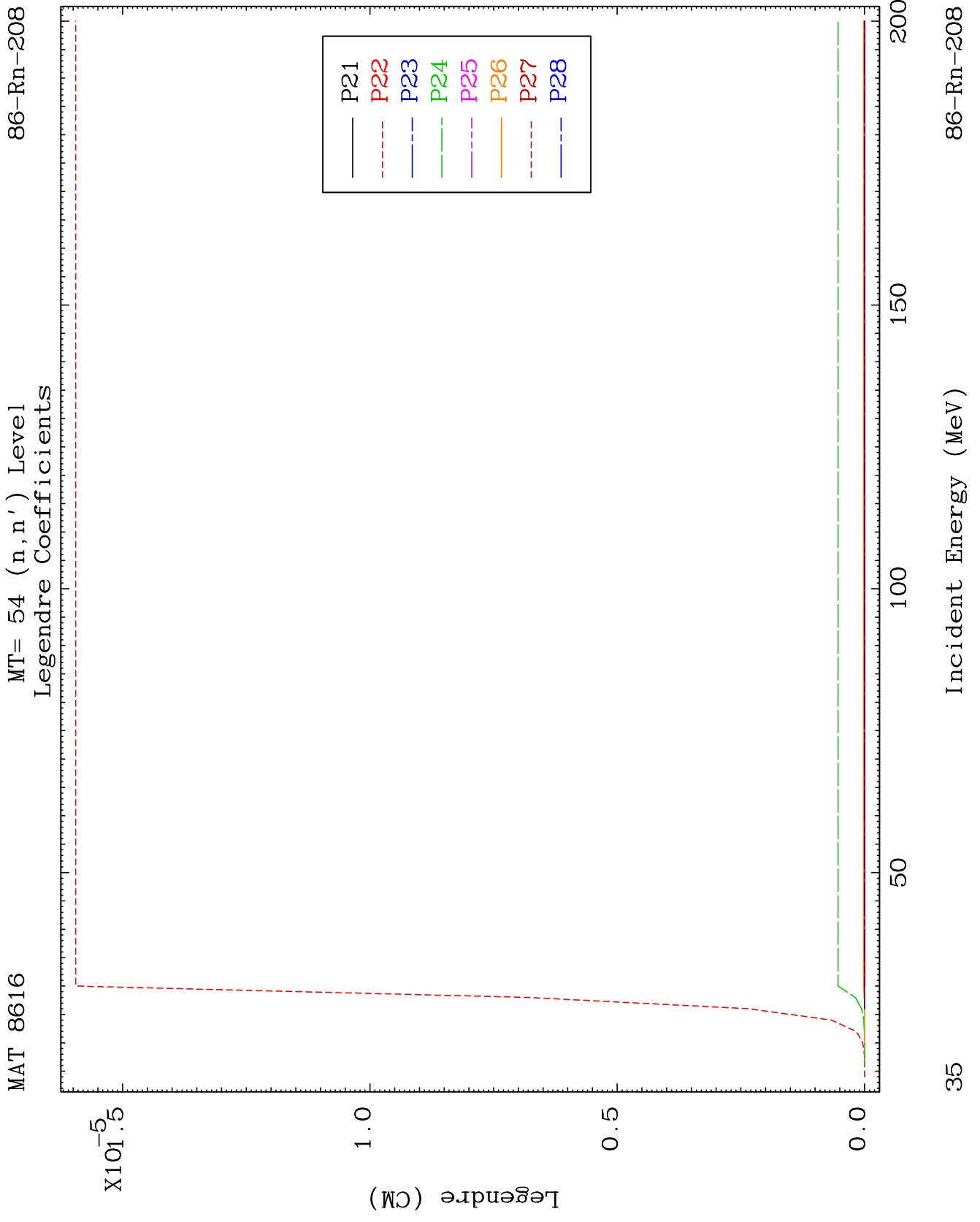
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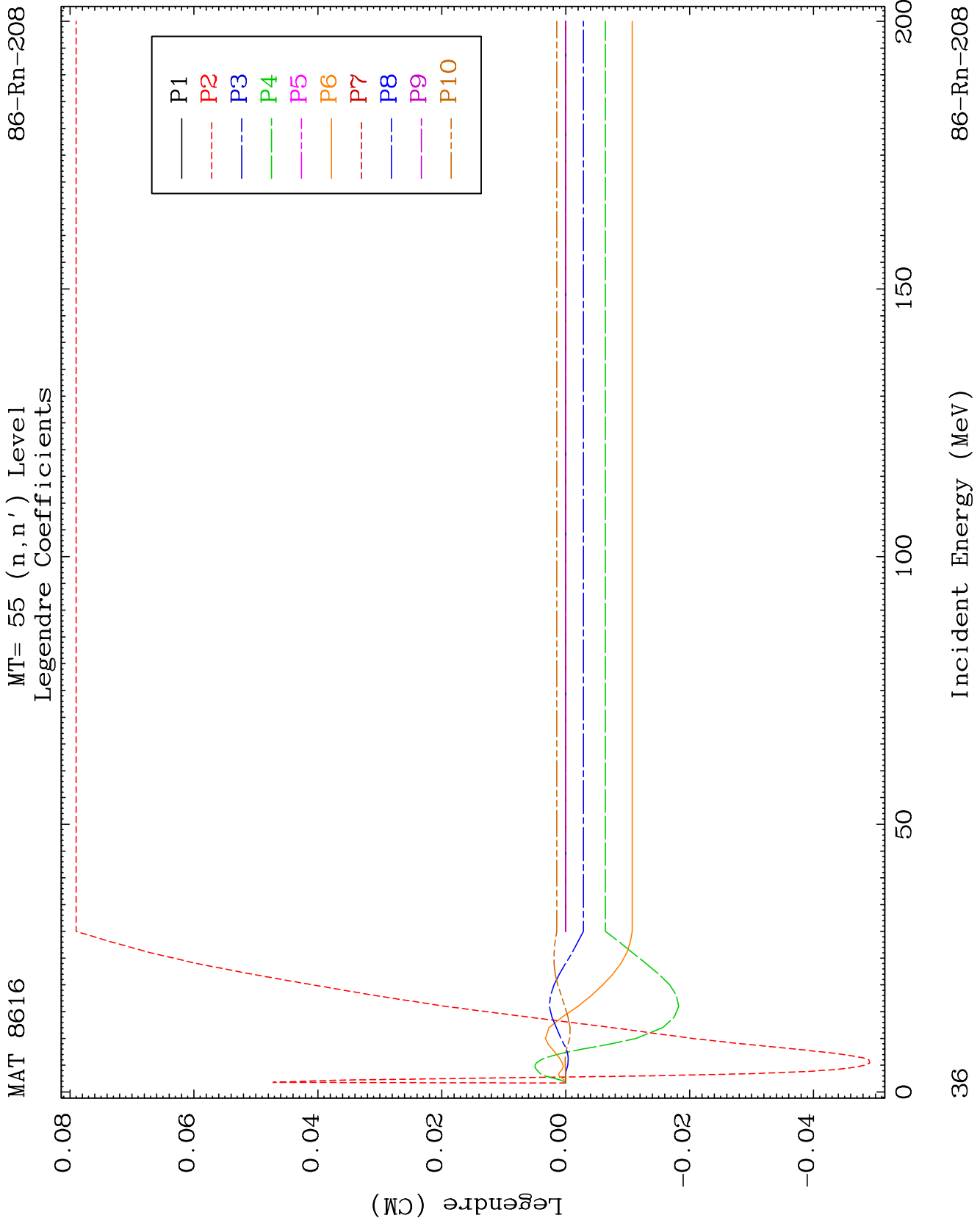


34

Incident Energy (MeV)

86-Rn-208





86-Rn-208

Incident Energy (MeV)

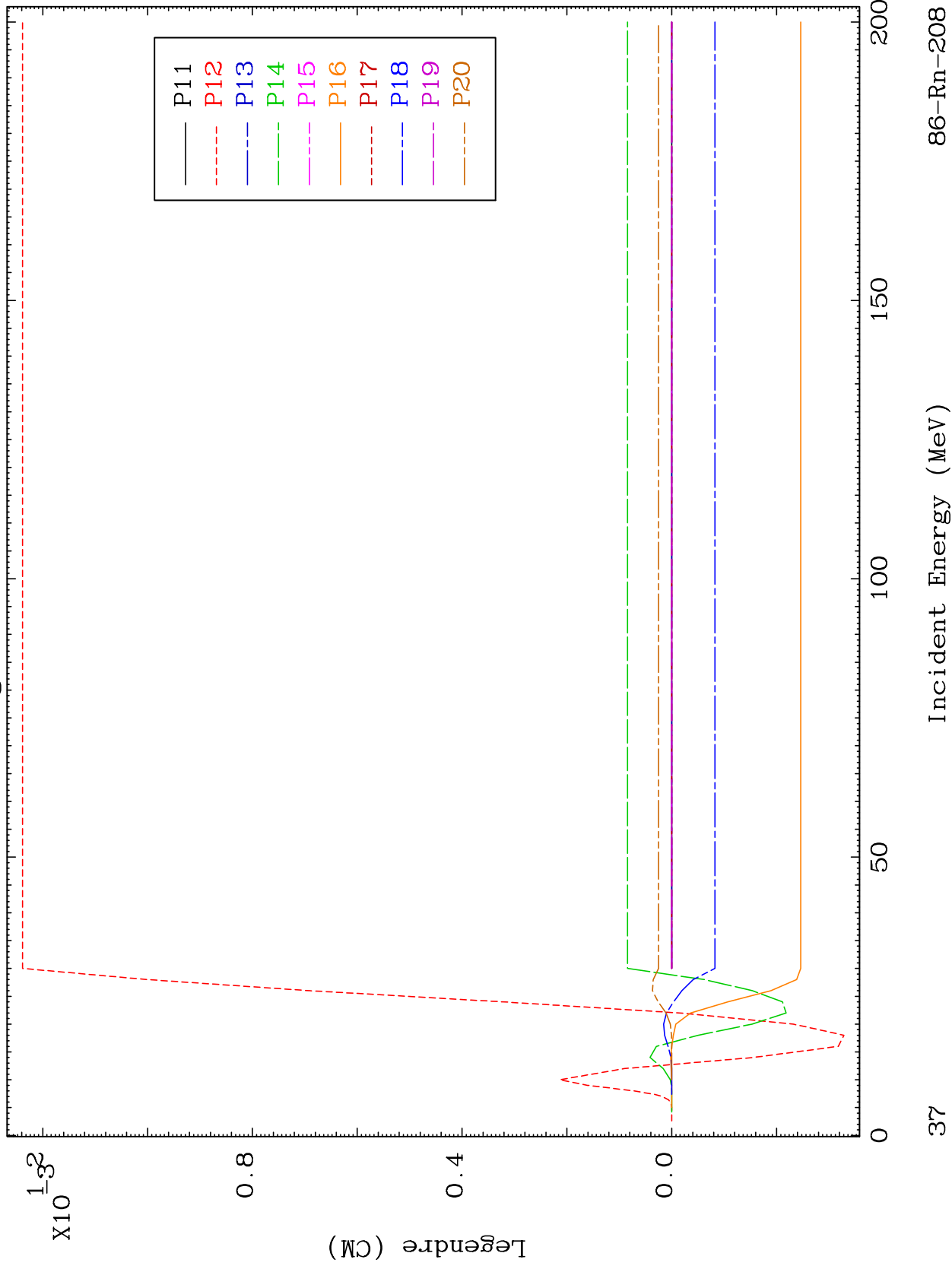
36

MAT 8616

MT= 55 (n,n') Level

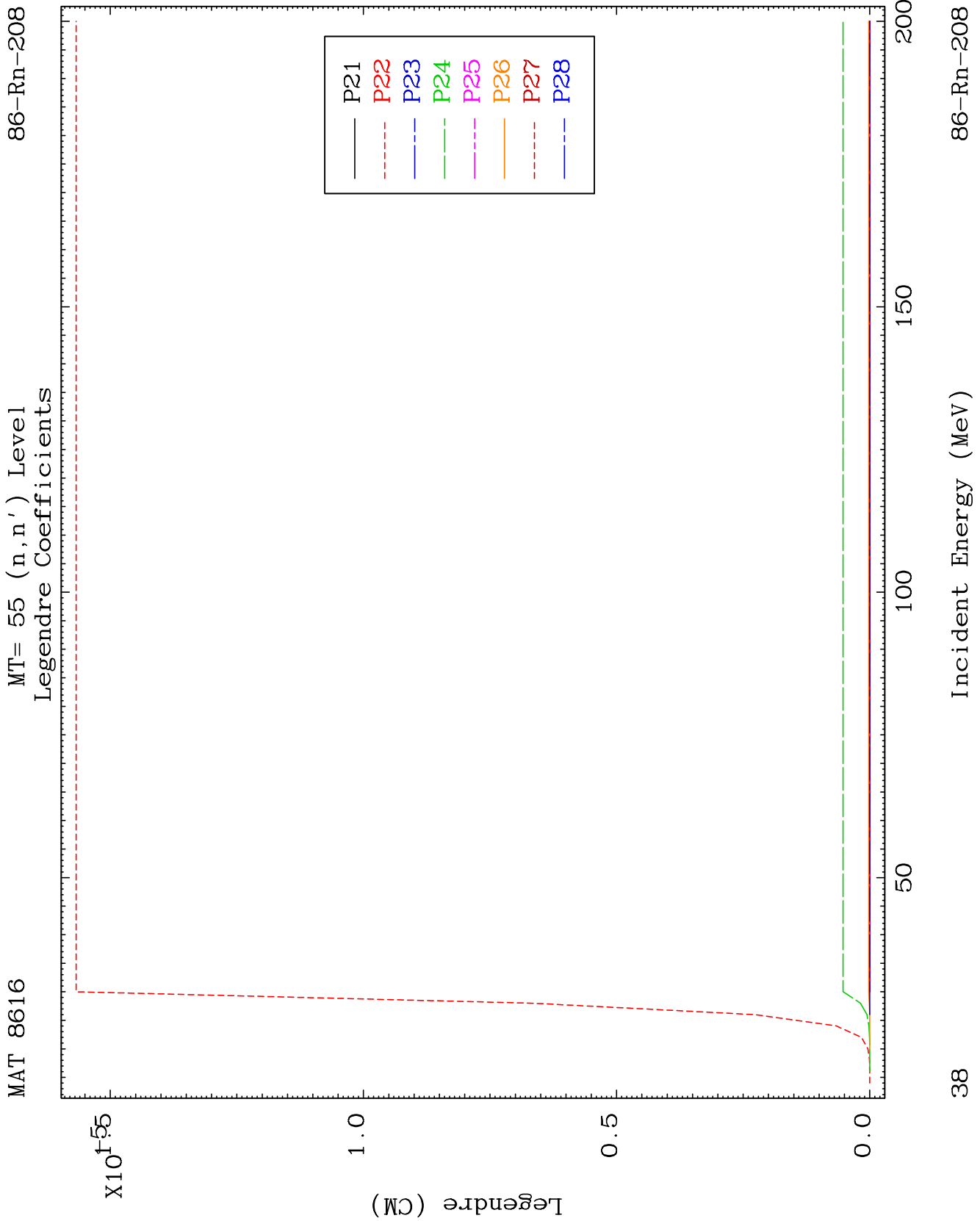
86-Rn-208

Legendre Coefficients



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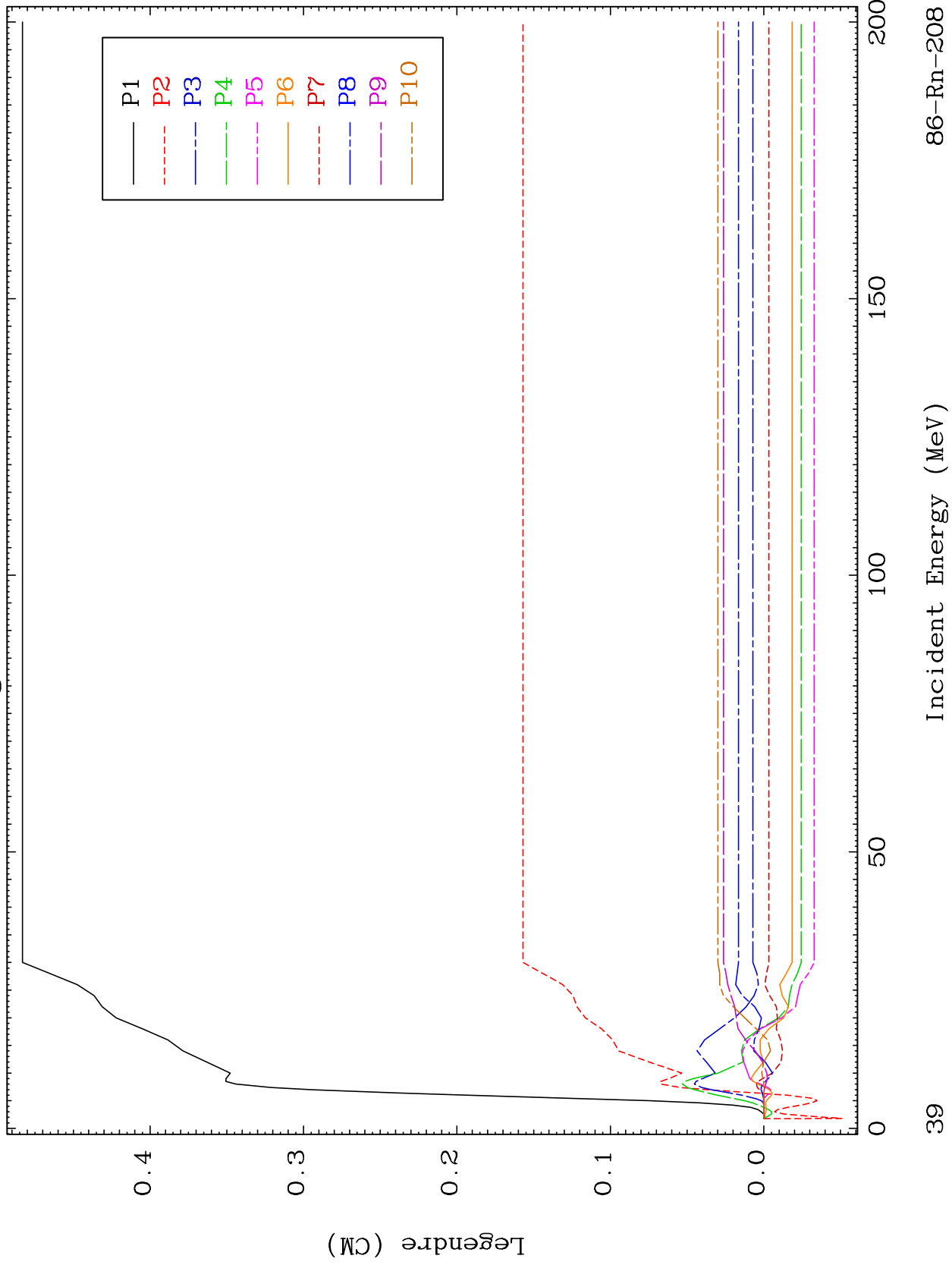
86-Rn-208



MAT 8616

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

86-Rn-208



86-Rn-208

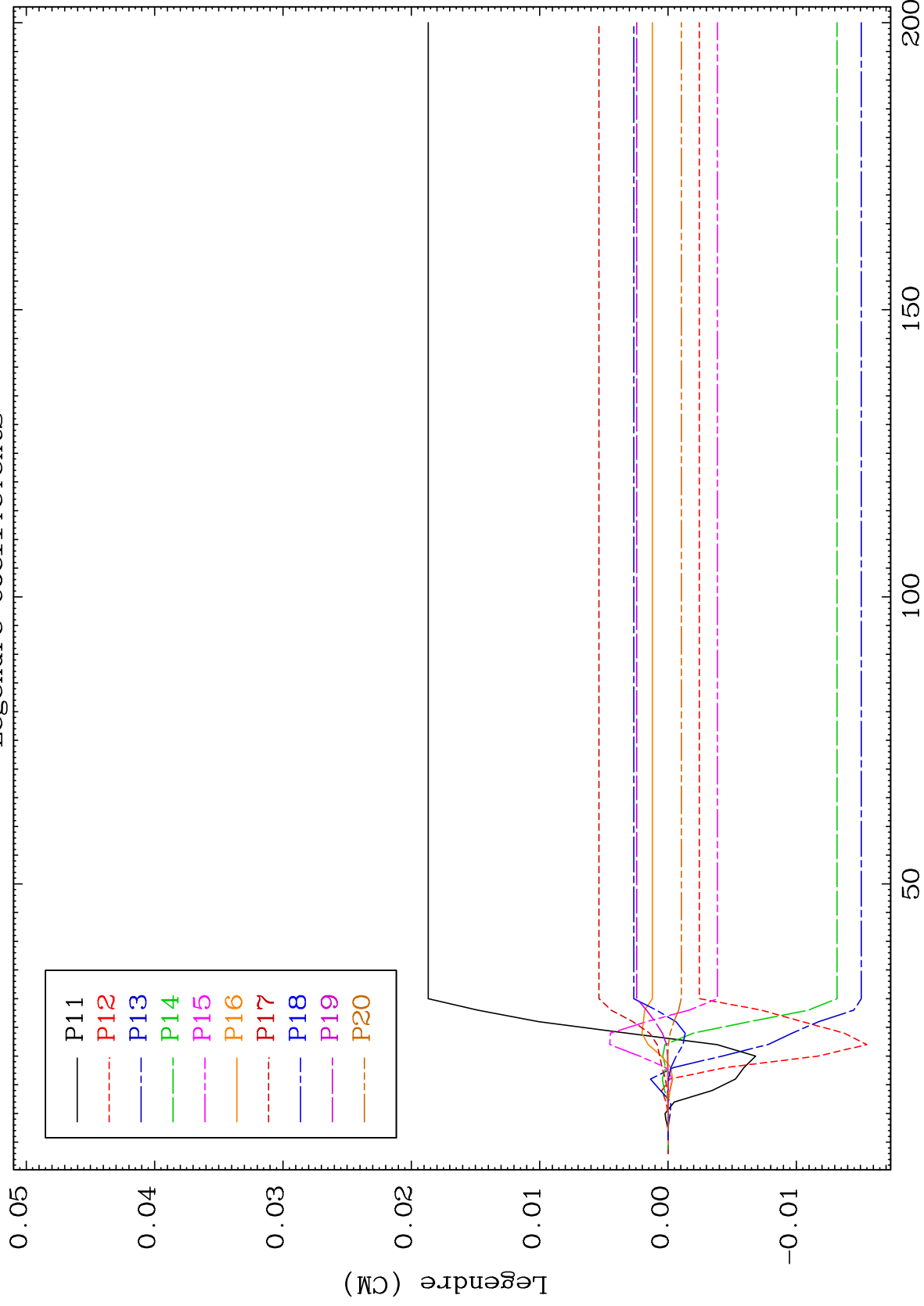
Incident Energy (MeV)

39

MAT 8616

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

86-Rn-208



40

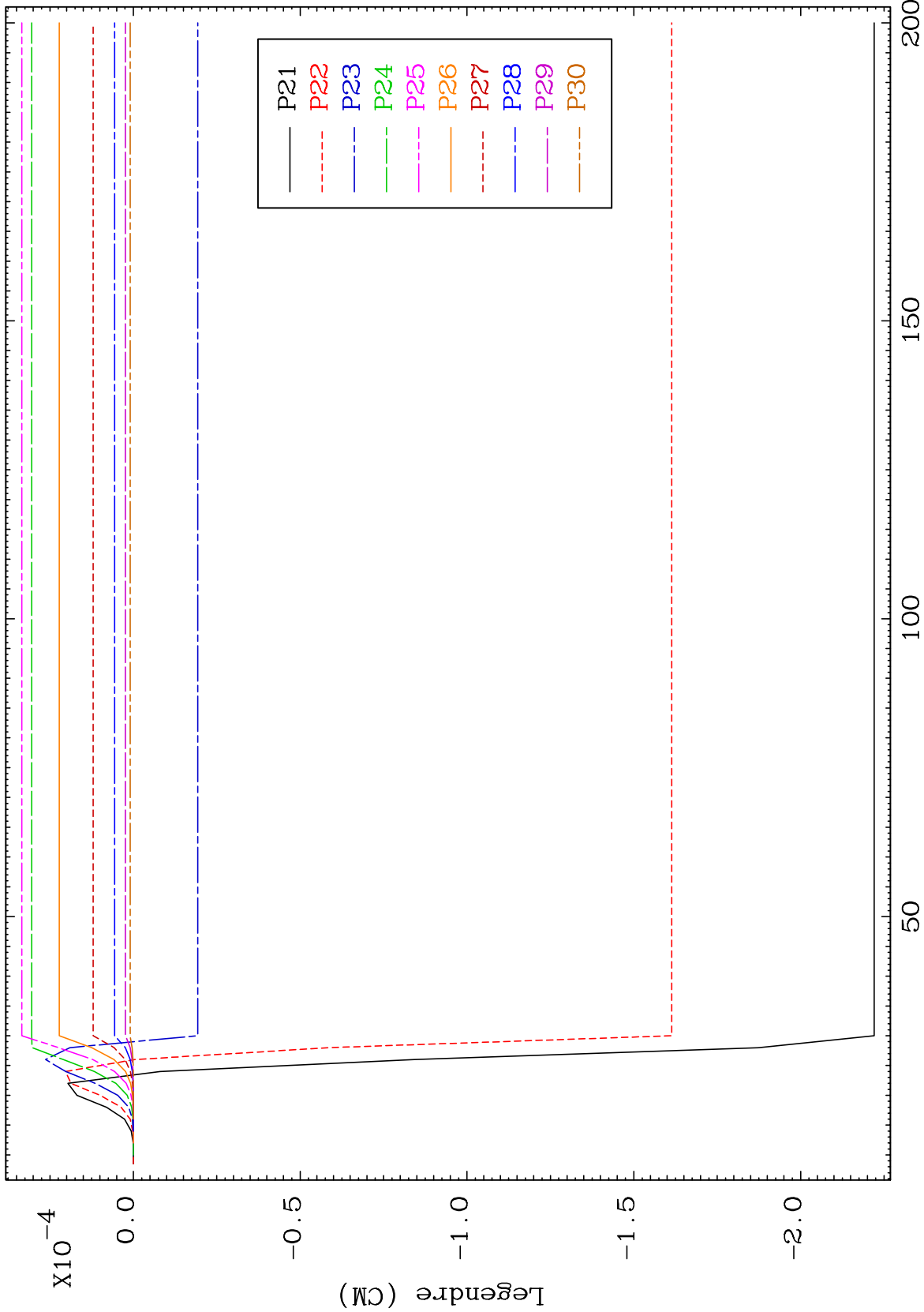
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

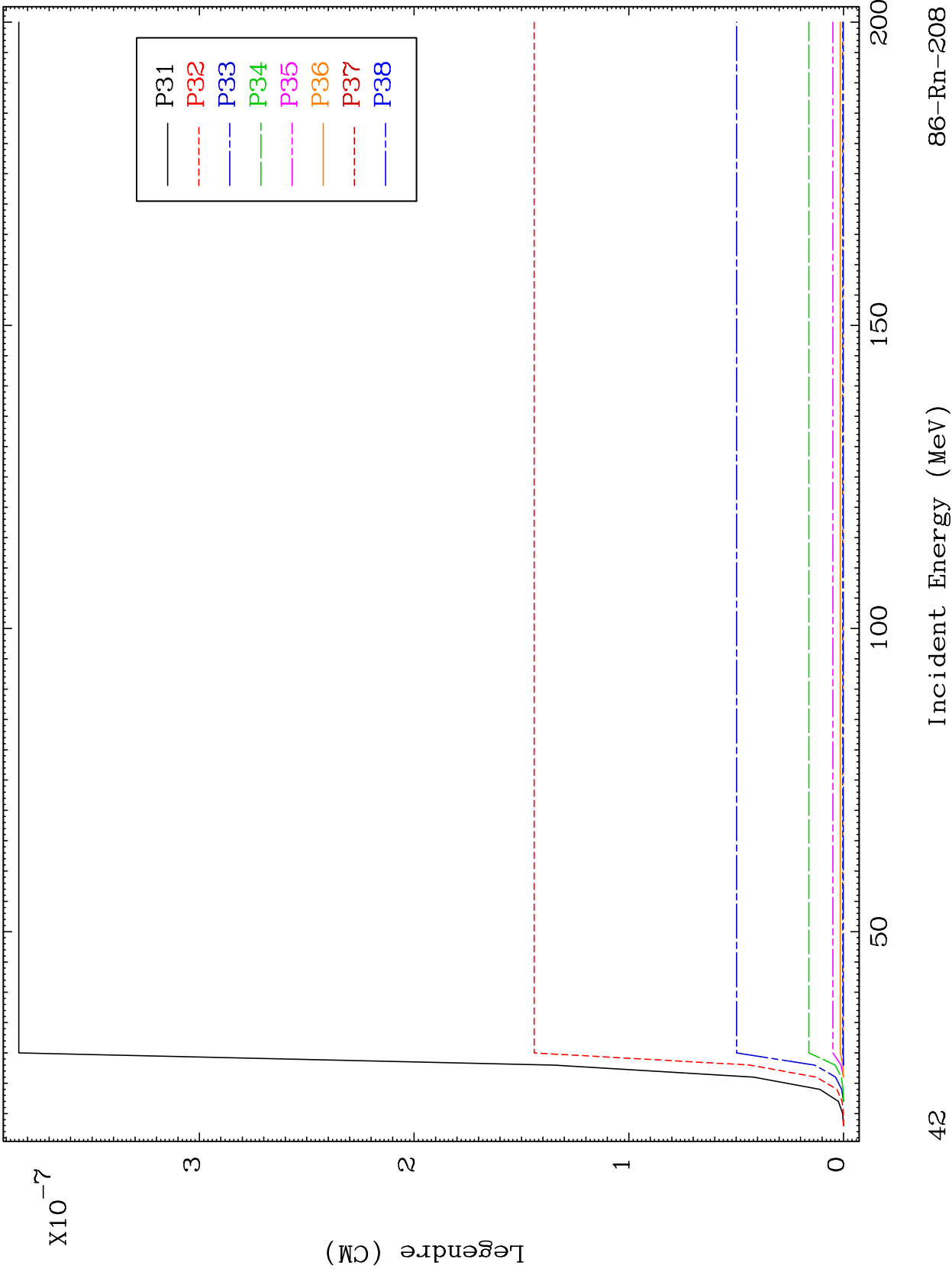
86-Rn-208



MAT 8616

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

86-Rn-208



42

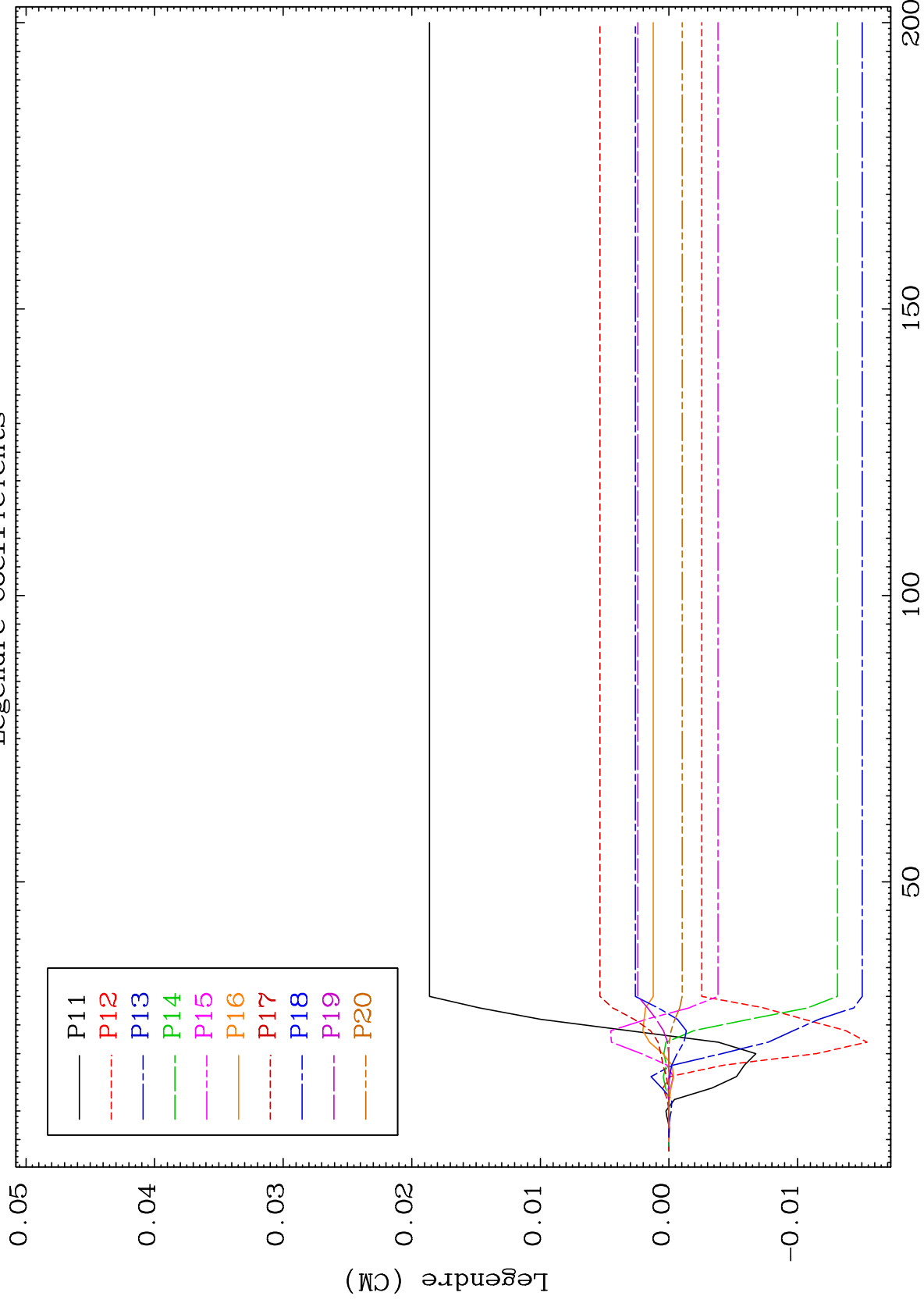
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



44

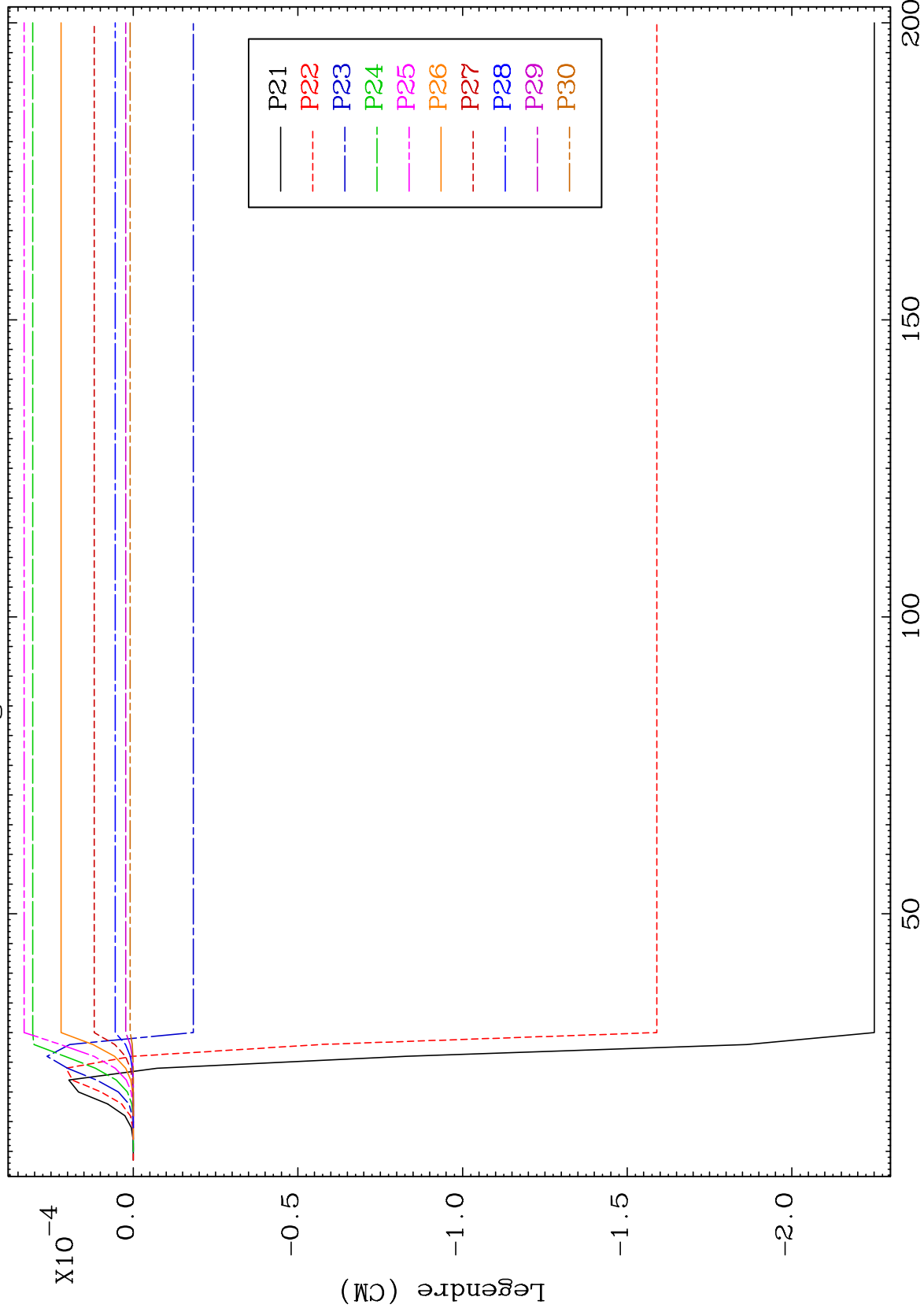
Incident Energy (MeV)

86-Rn-208

MAT 8616

86-Rn-208

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



45

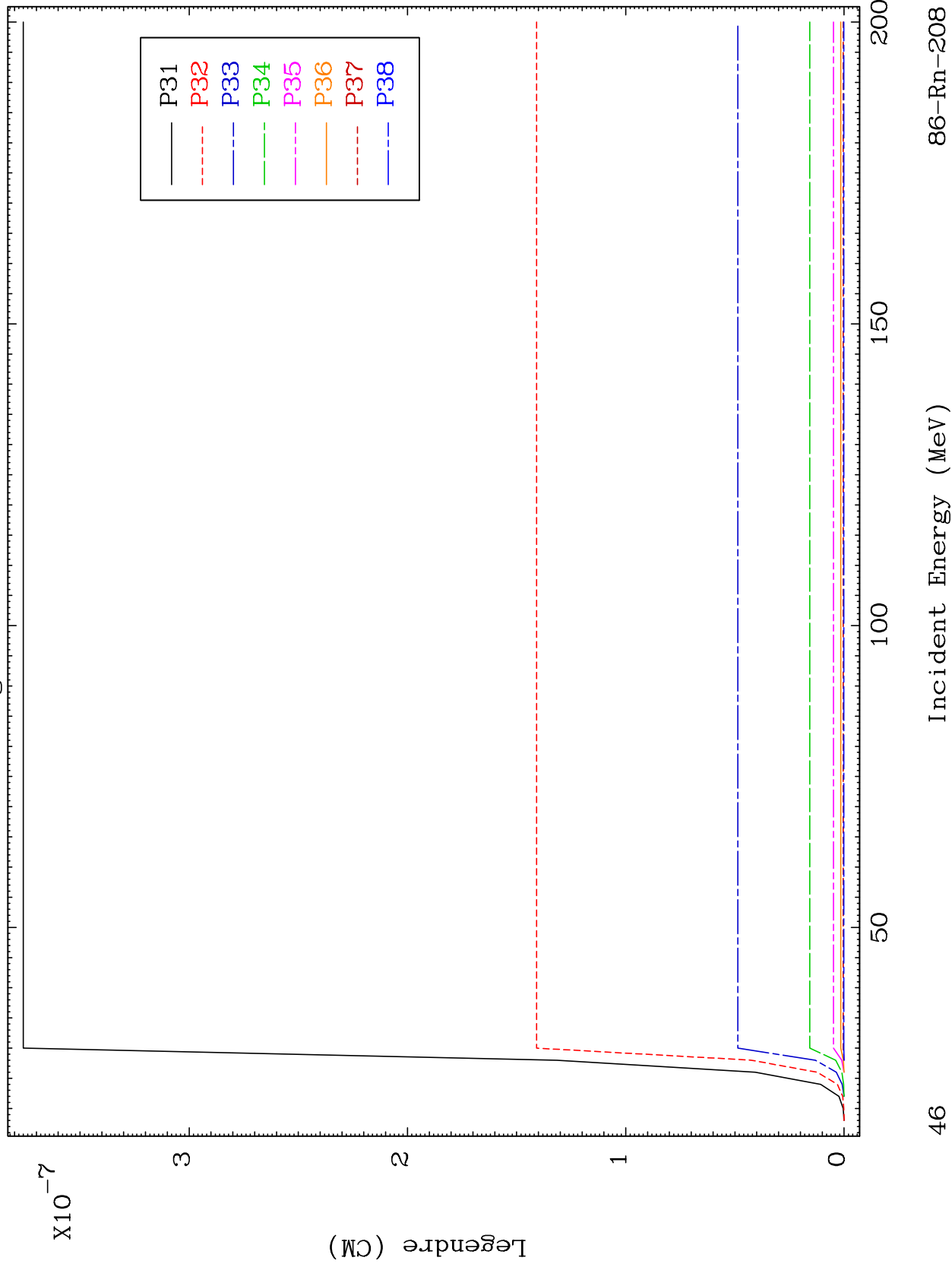
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



46

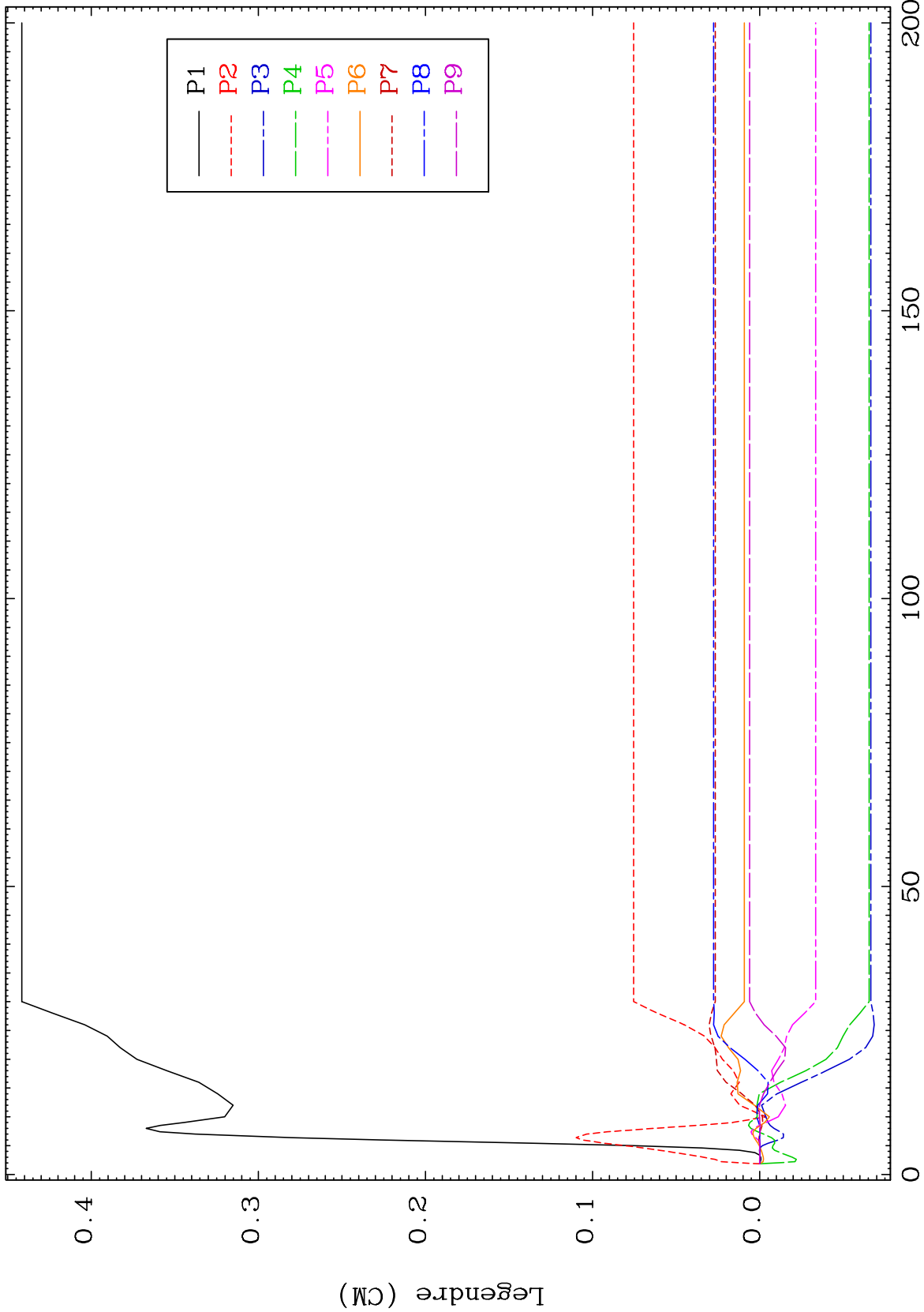
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



47

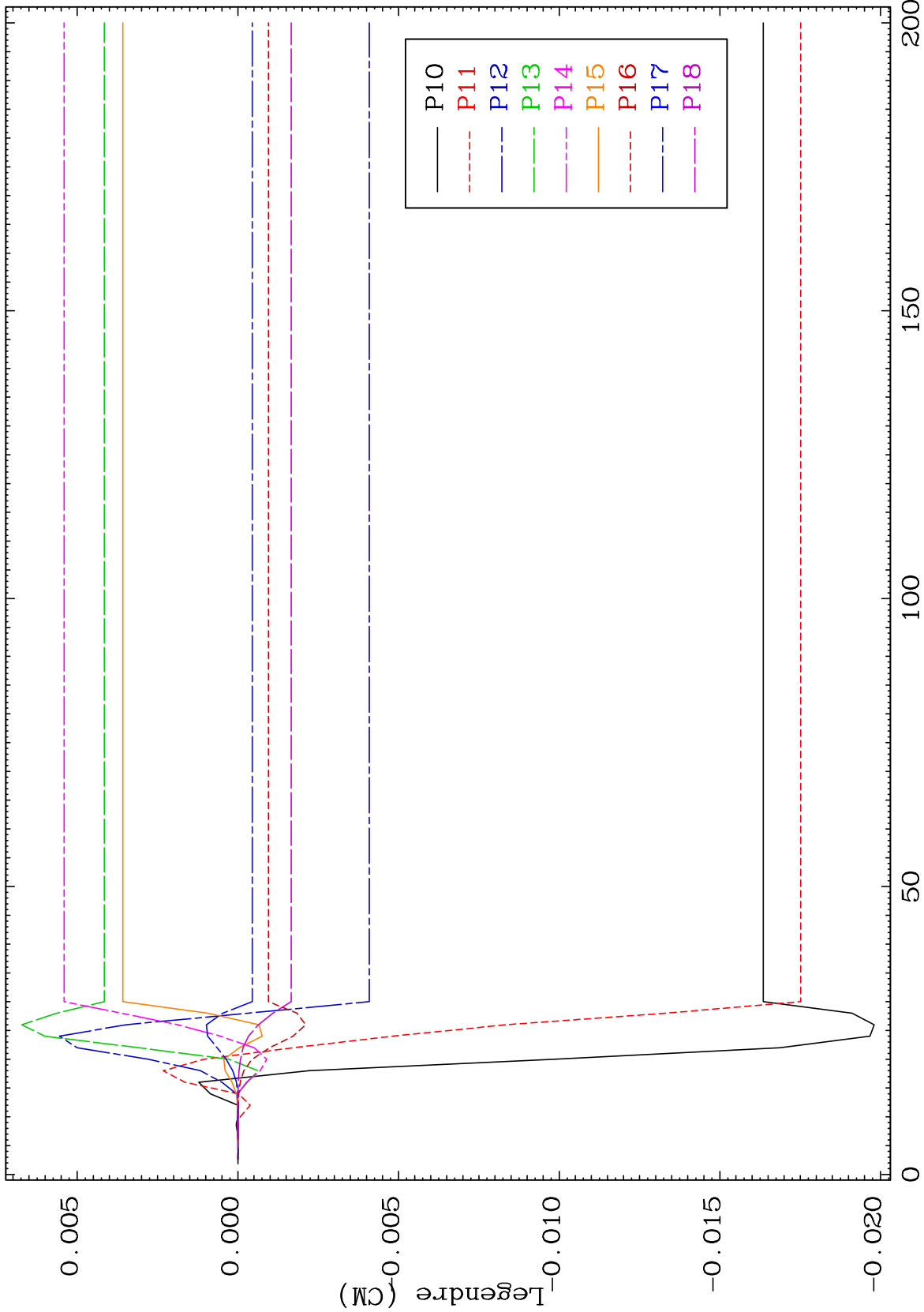
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



48

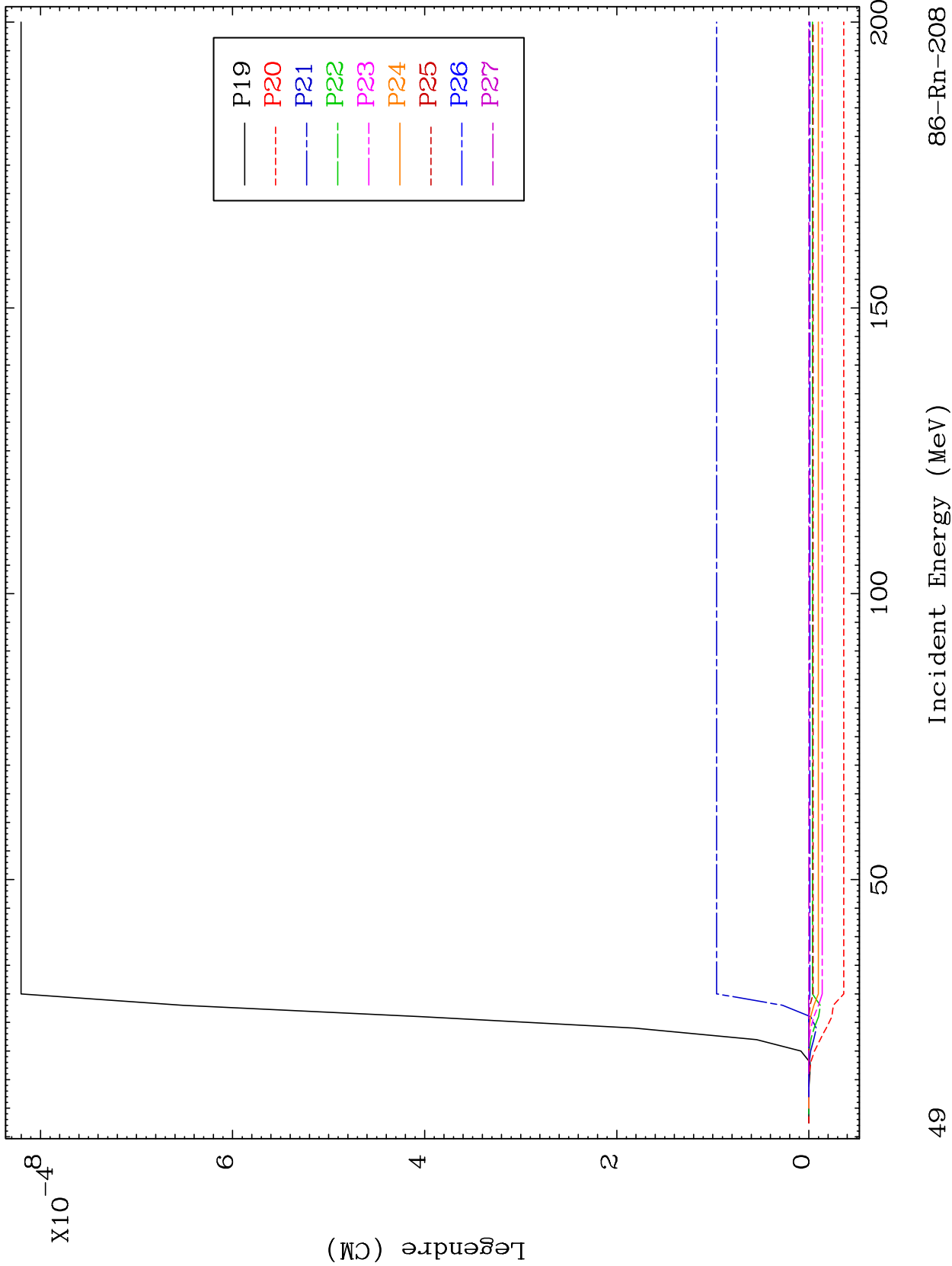
Incident Energy (MeV)

86-Rn-208

MAT 8616

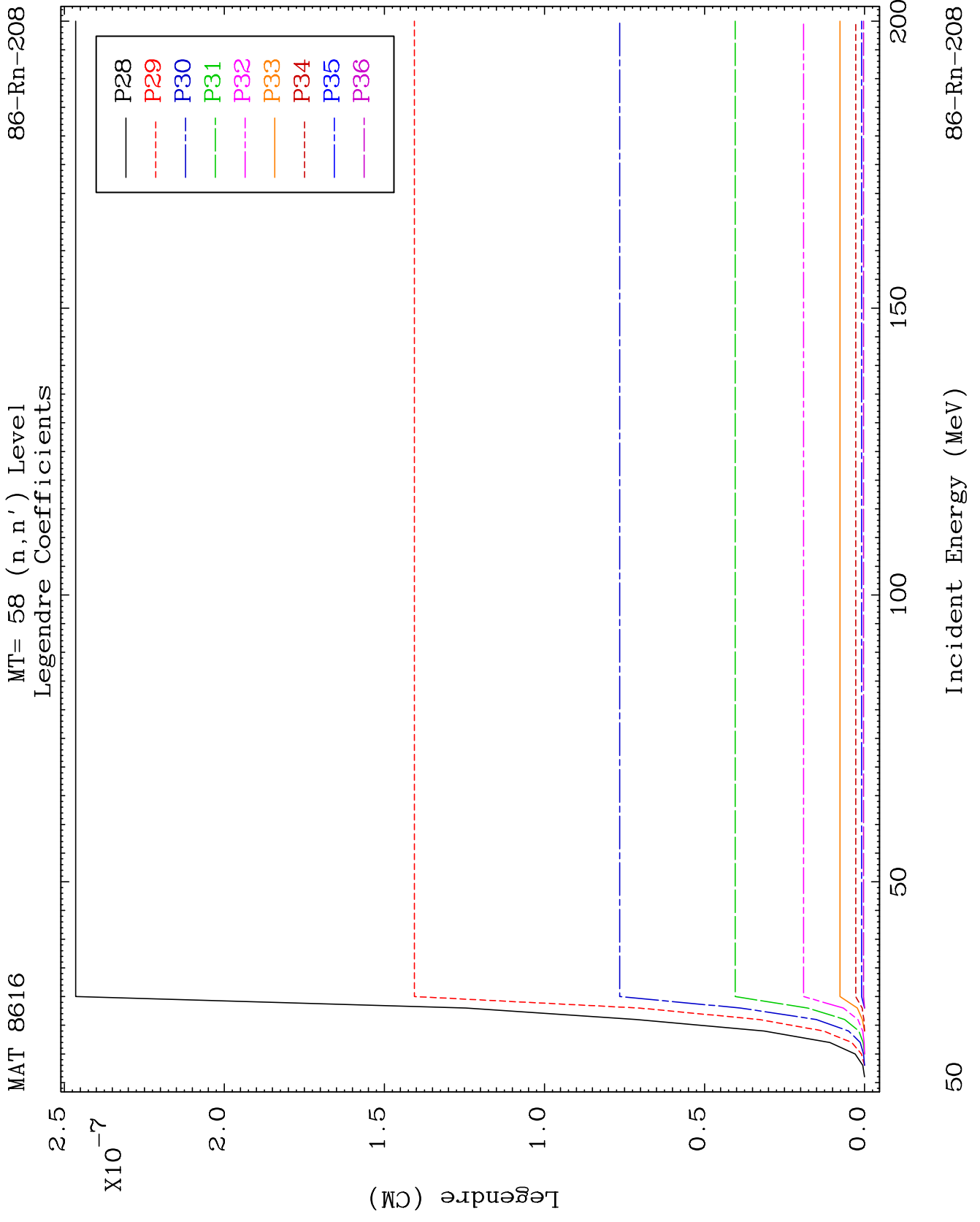
MT= 58 (n,n') Level
Legendre Coefficients

86-Rn-208



49

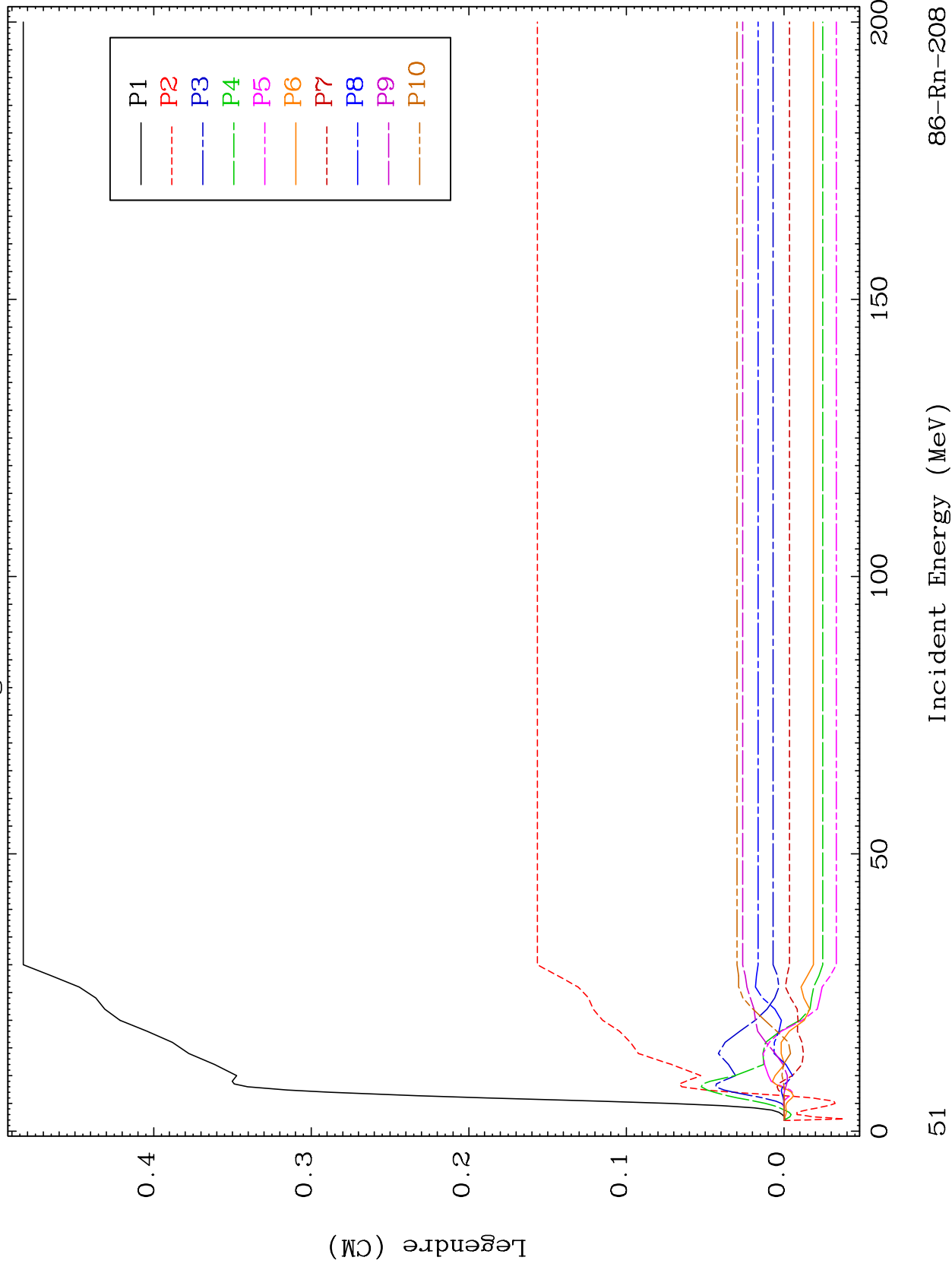
86-Rn-208



MAT 8616

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

86-Rn-208



86-Rn-208

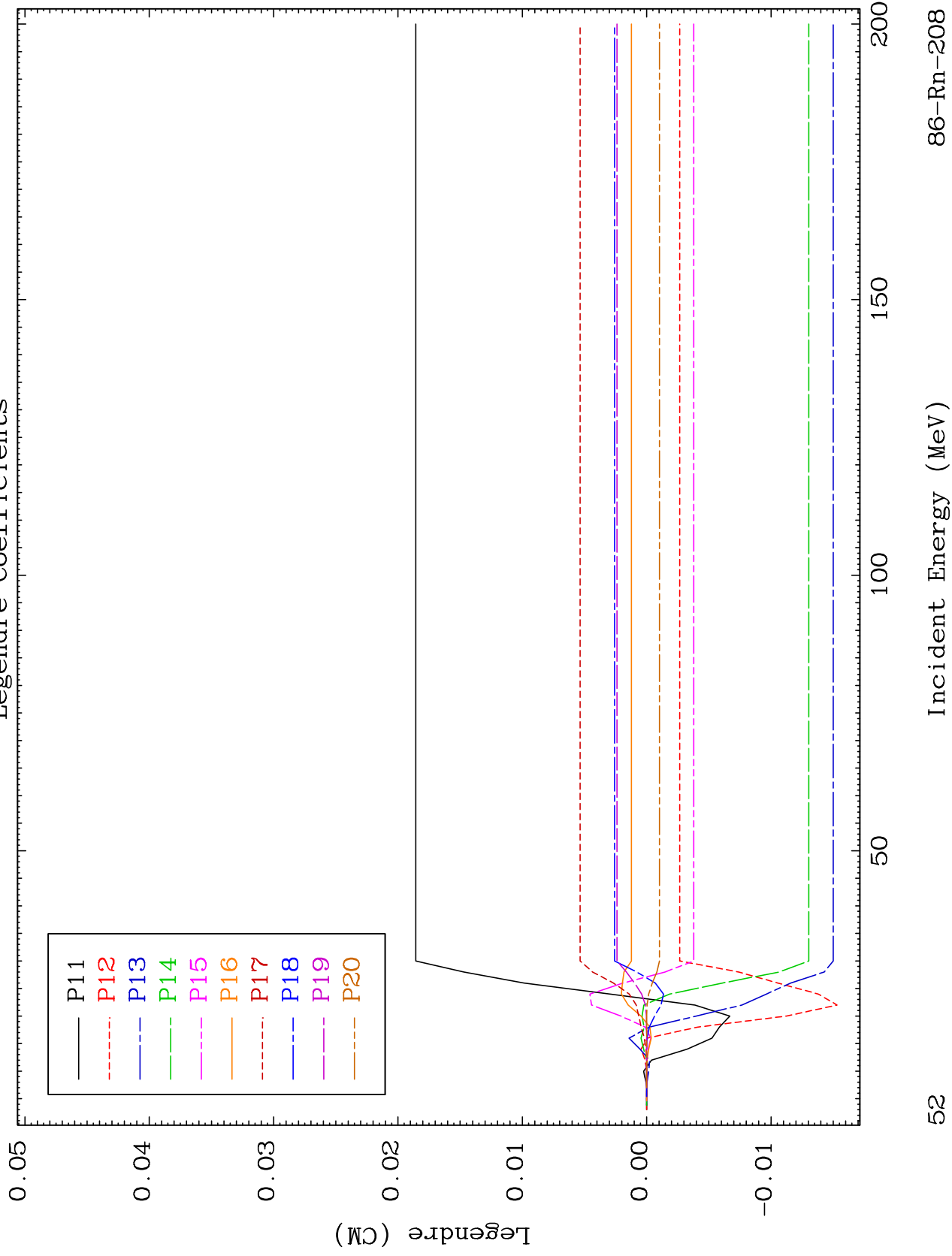
Incident Energy (MeV)

51

MAT 8616

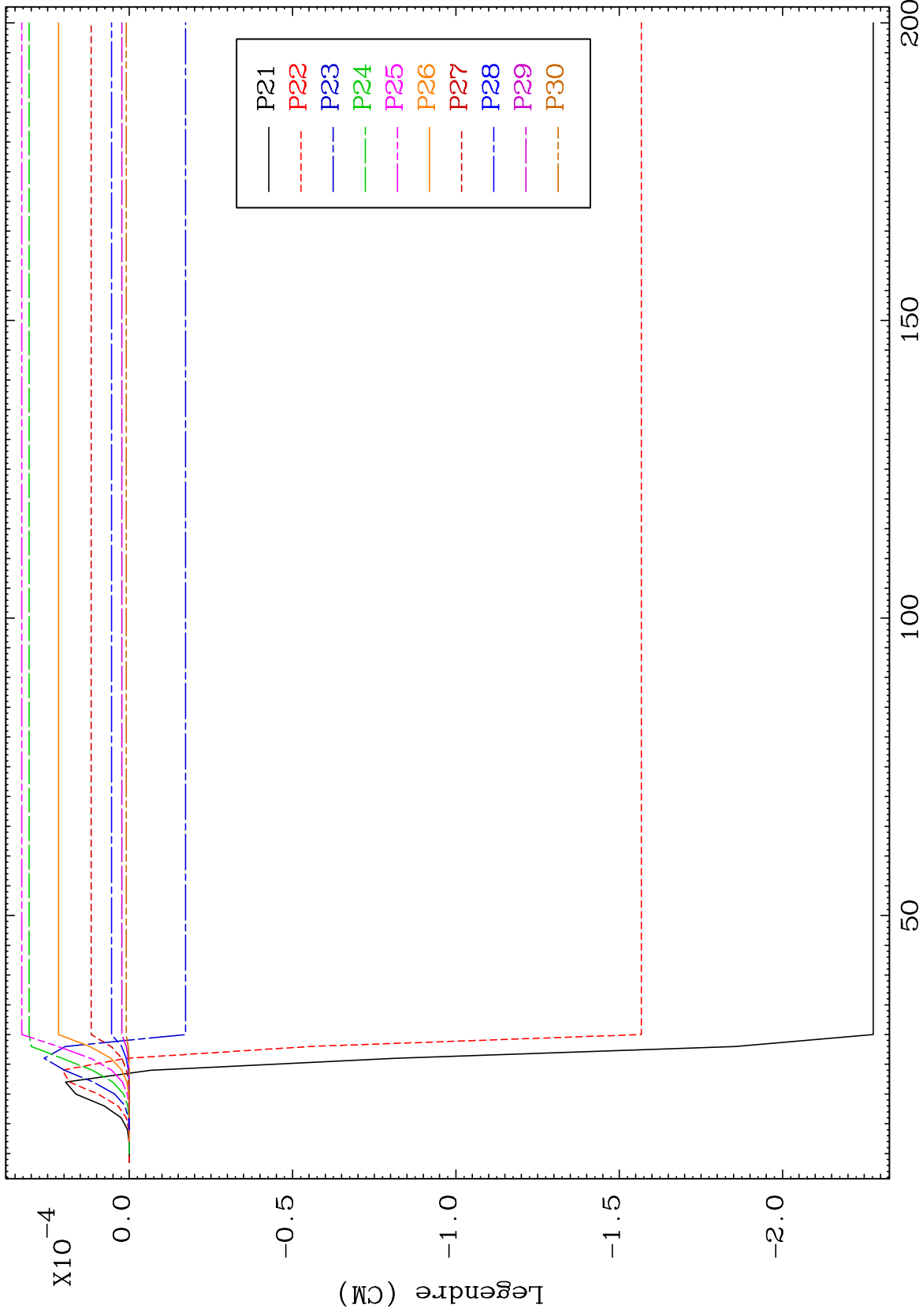
MT= 59 (n,n') Level
Legendre Coefficients

86-Rn-208



52

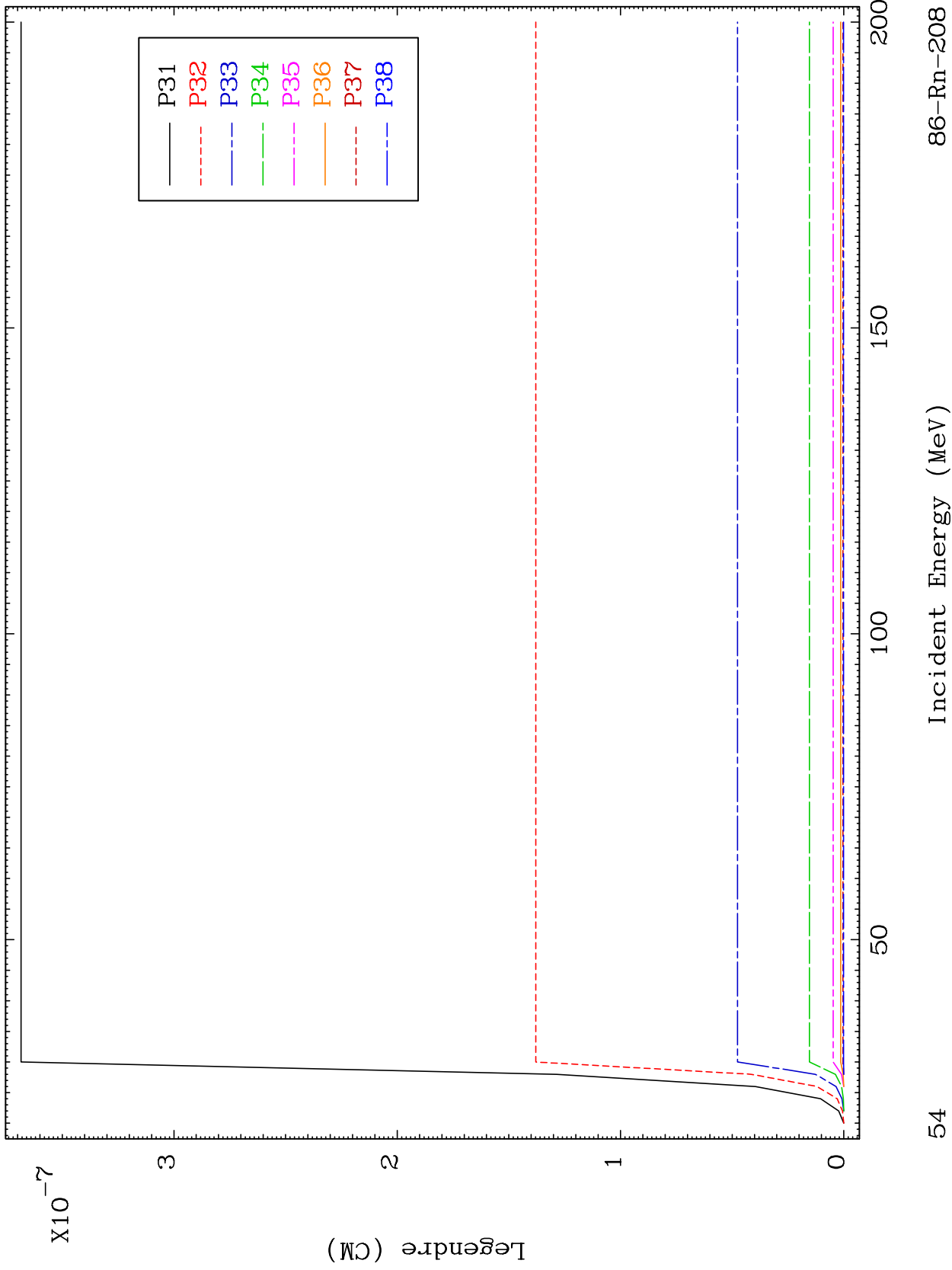
86-Rn-208



MAT 8616

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

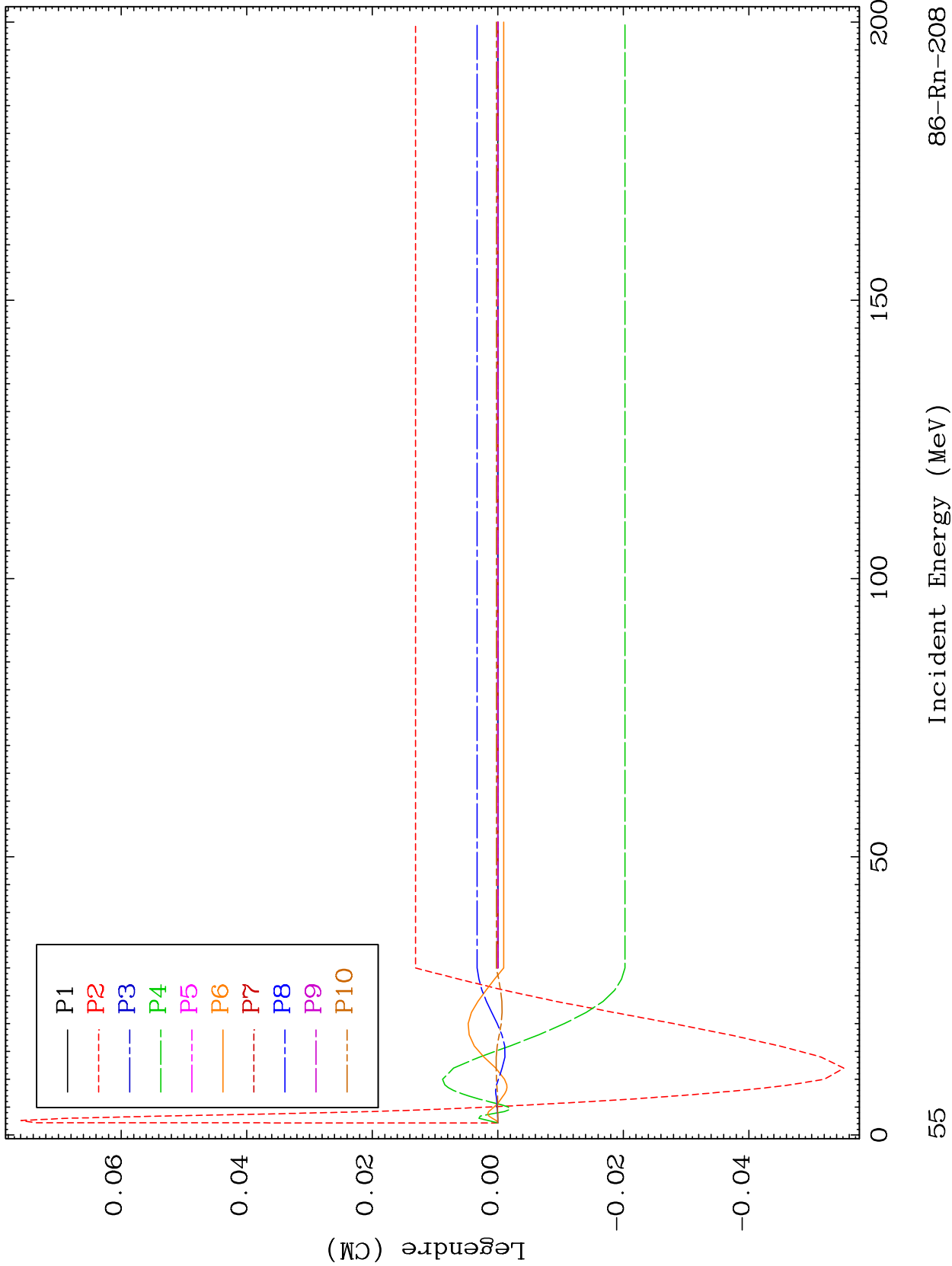
86-Rn-208



MAT 8616

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

86-Rn-208



86-Rn-208

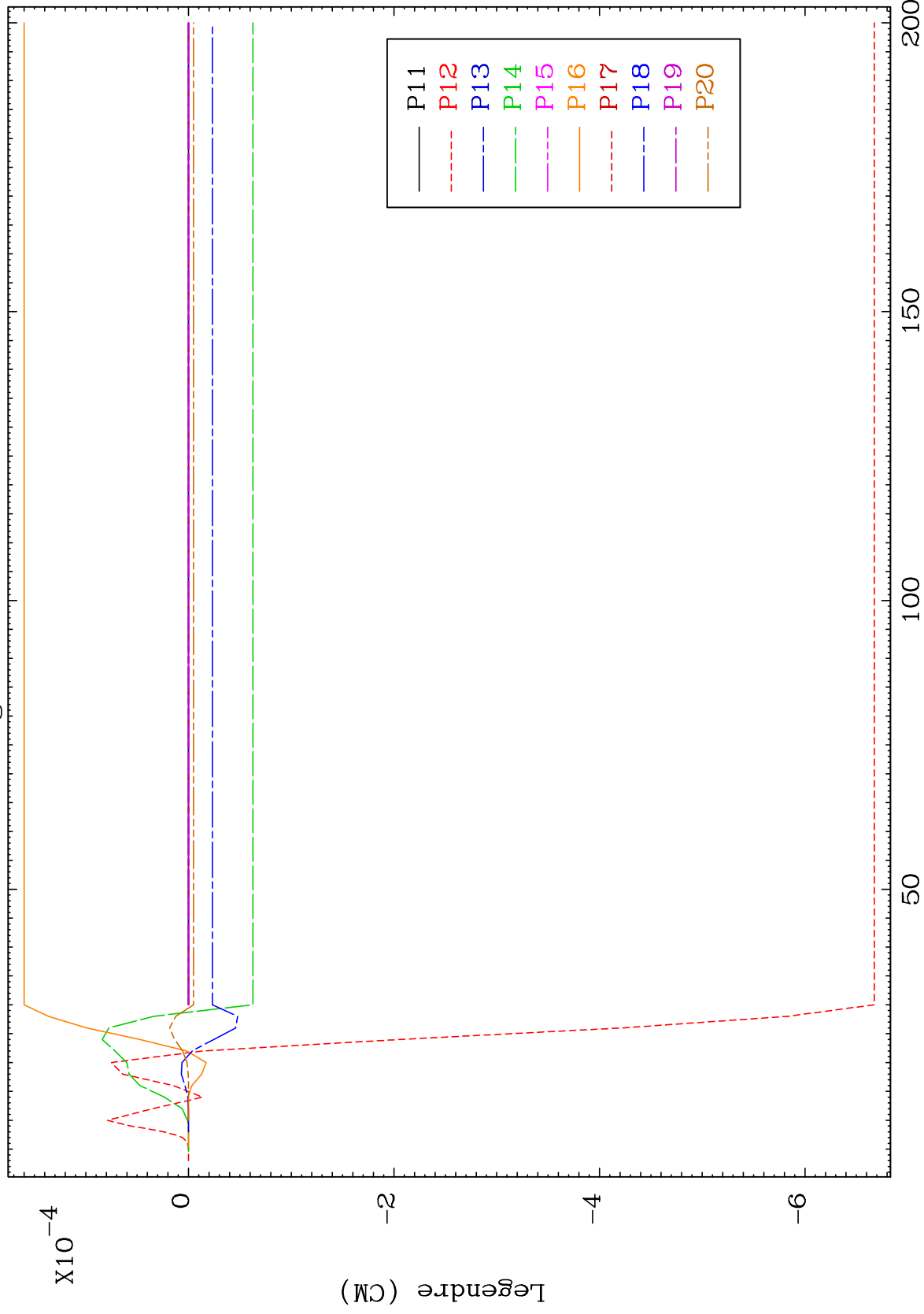
Incident Energy (MeV)

55

MAT 8616

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

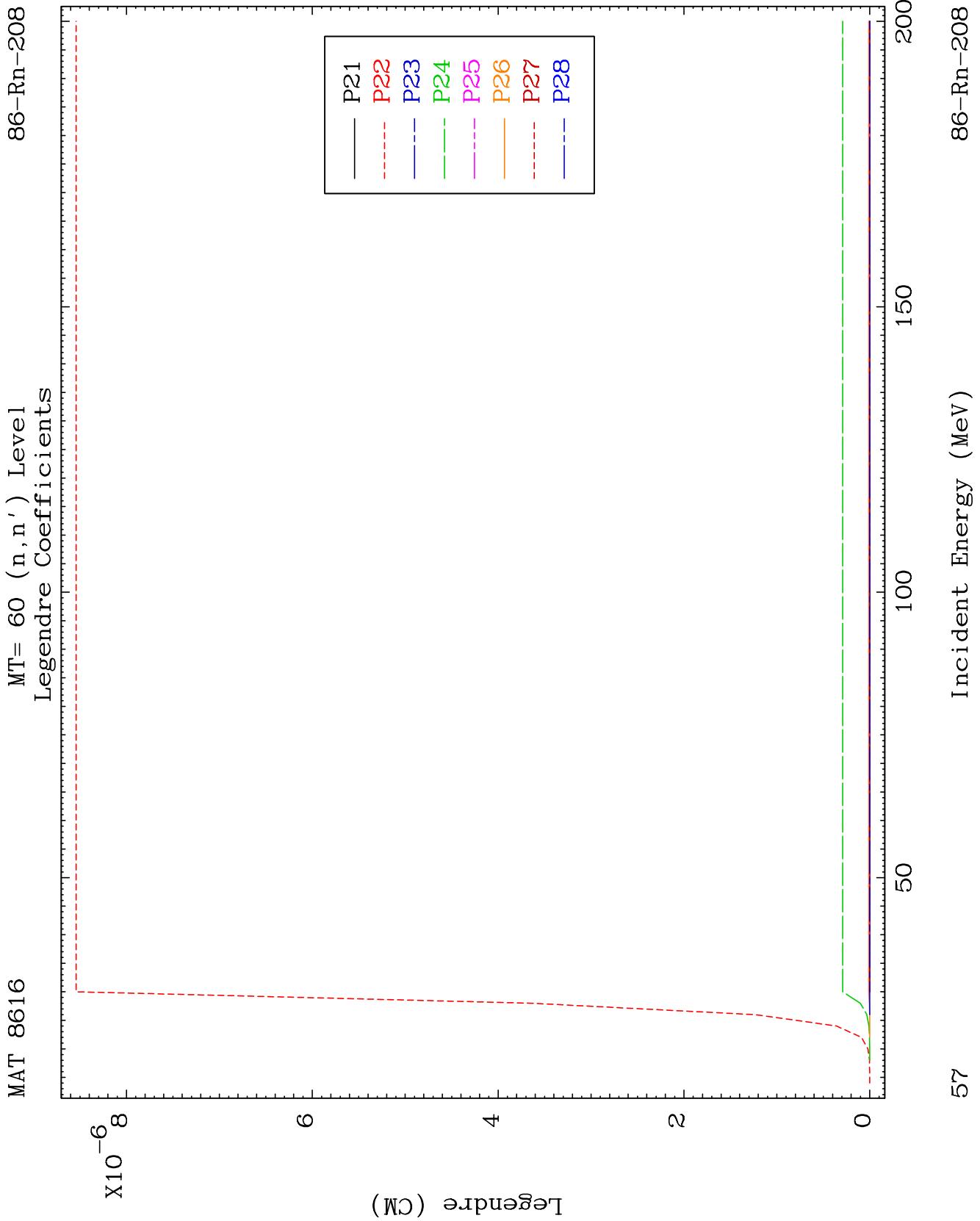
86-Rn-208



56

Incident Energy (MeV)

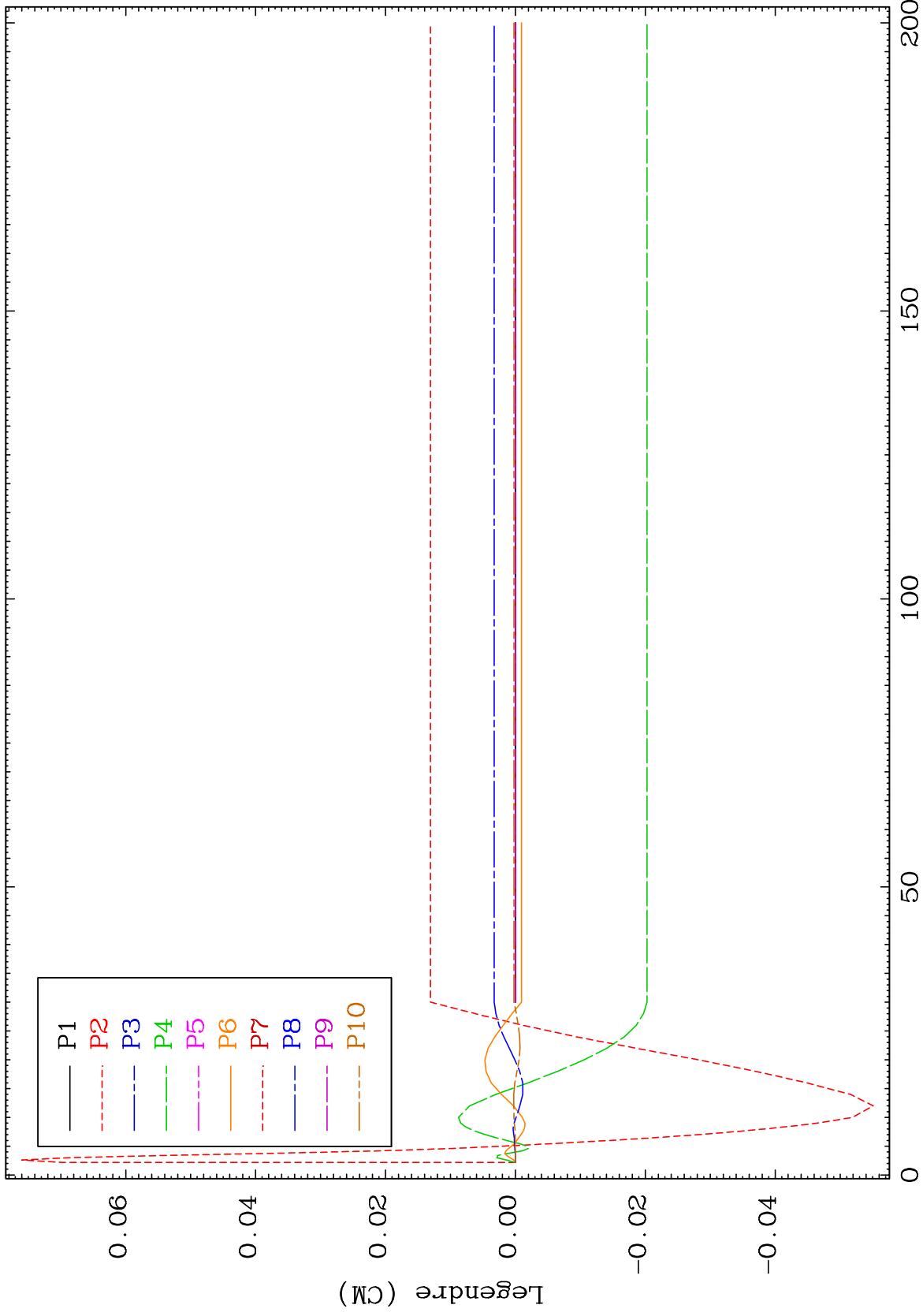
86-Rn-208



MAT 8616

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

86-Rn-208



86-Rn-208

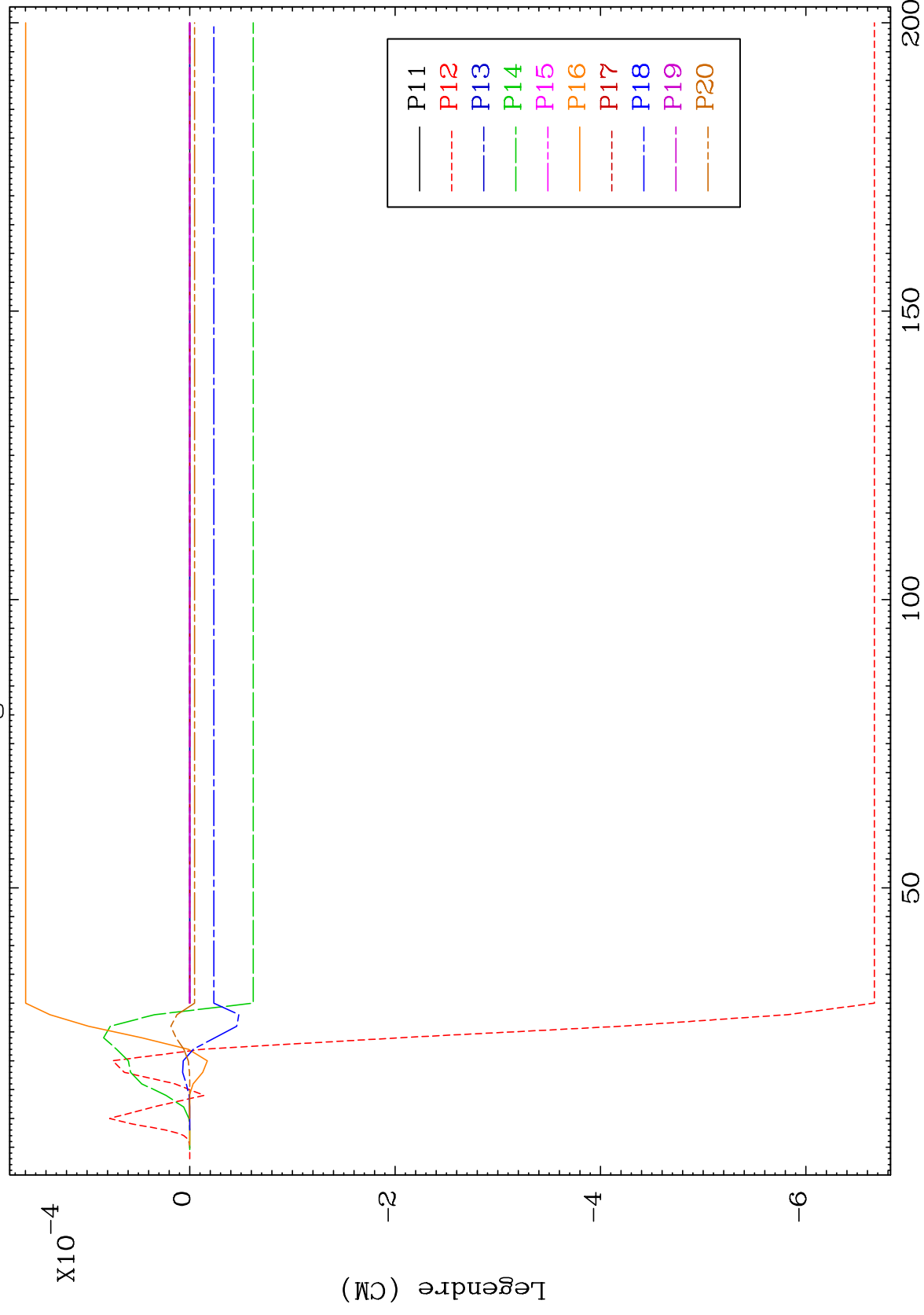
Incident Energy (MeV)

58

MAT 8616

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

86-Rn-208



59

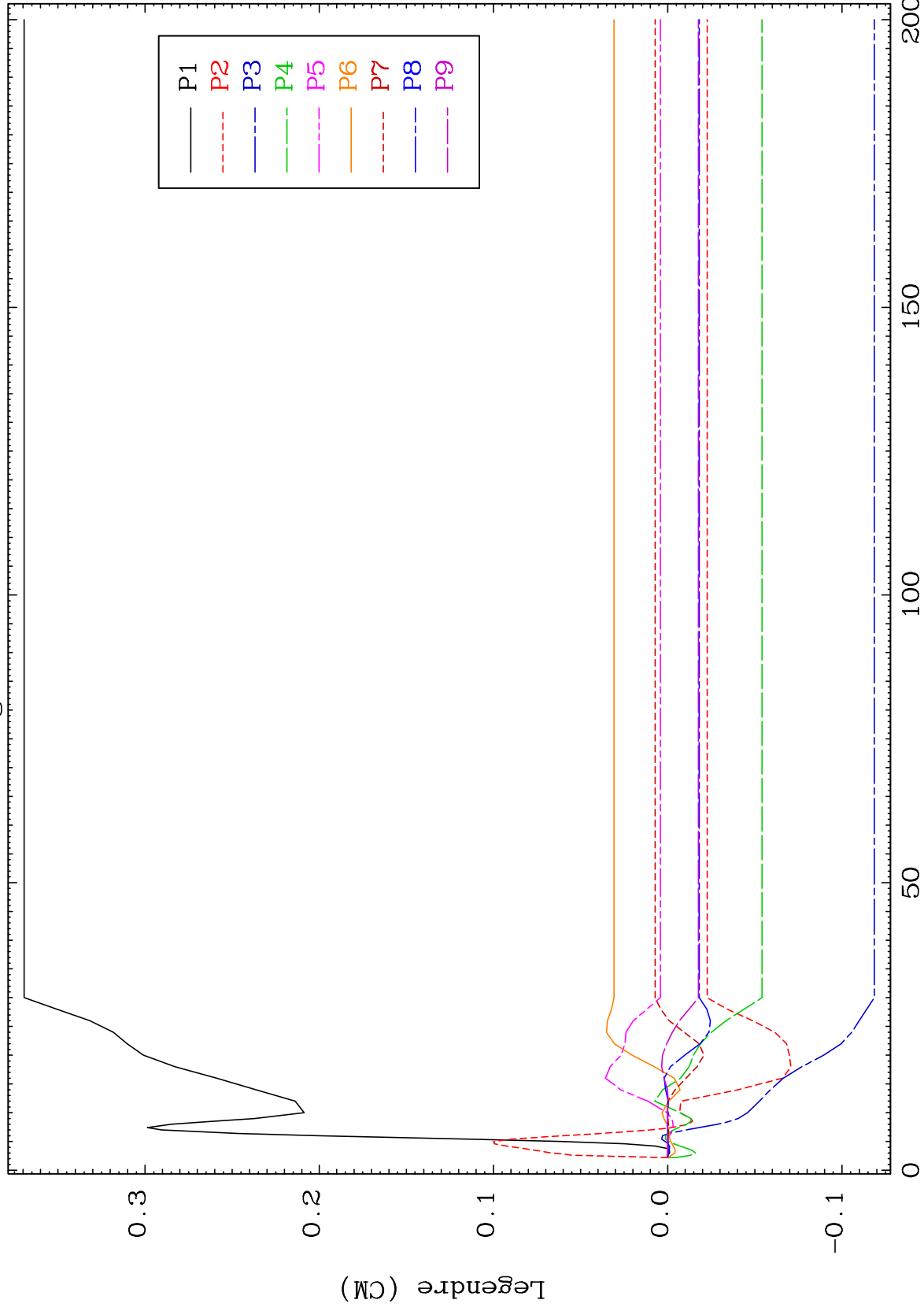
86-Rn-208

86-Rn-208

MAT 8616

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

86-Rn-208



61

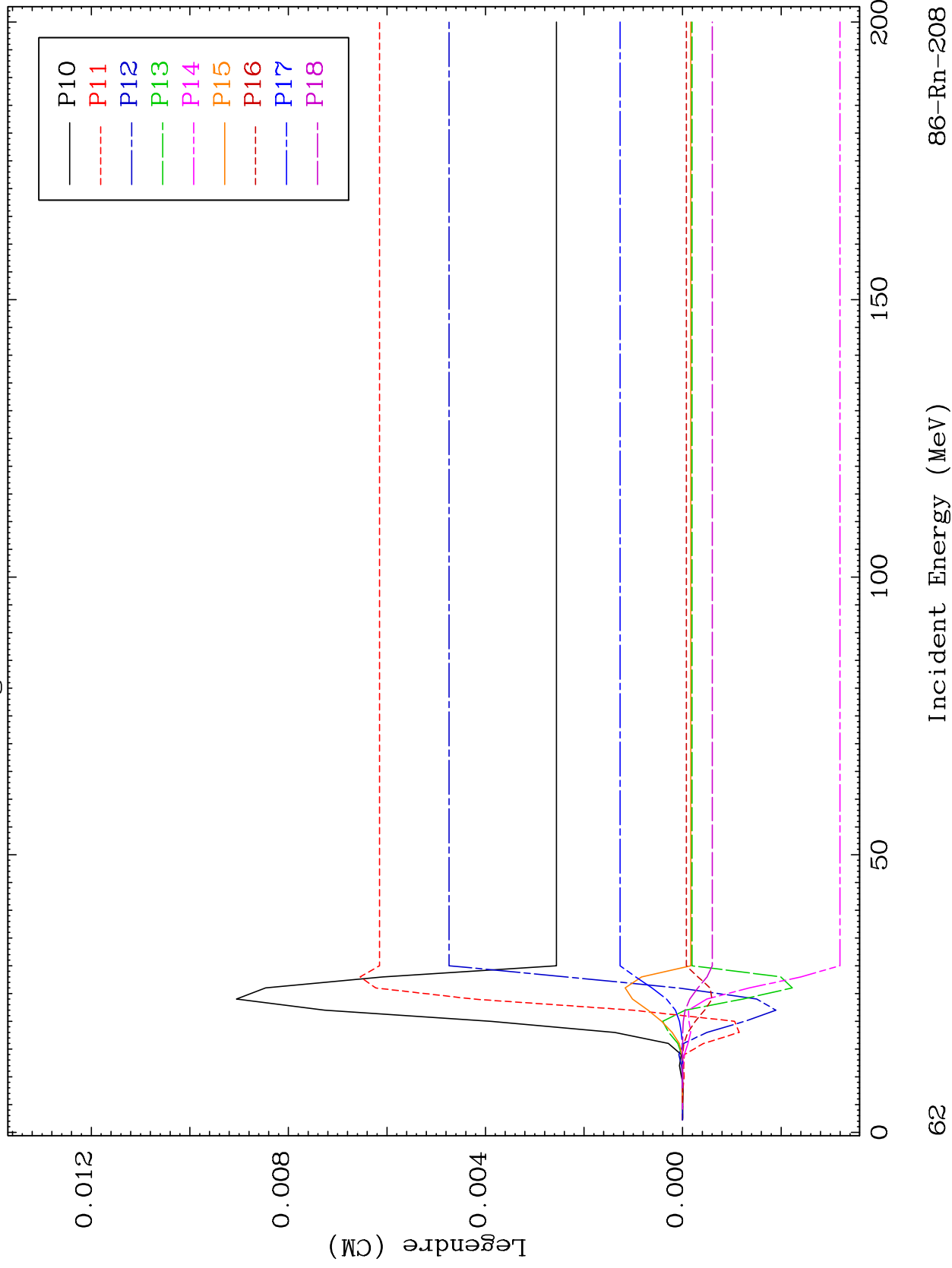
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

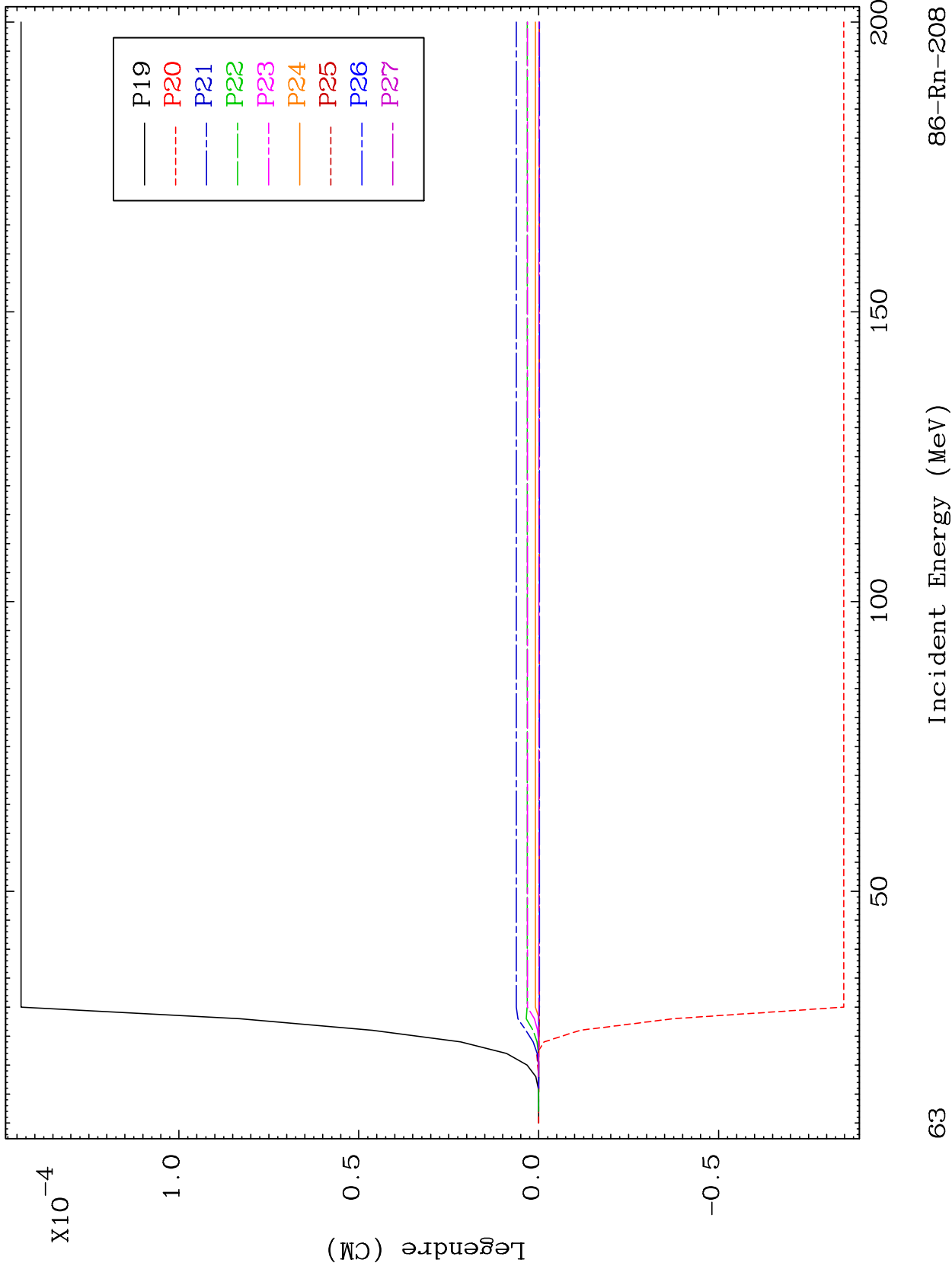
86-Rn-208



86-Rn-208

Incident Energy (MeV)

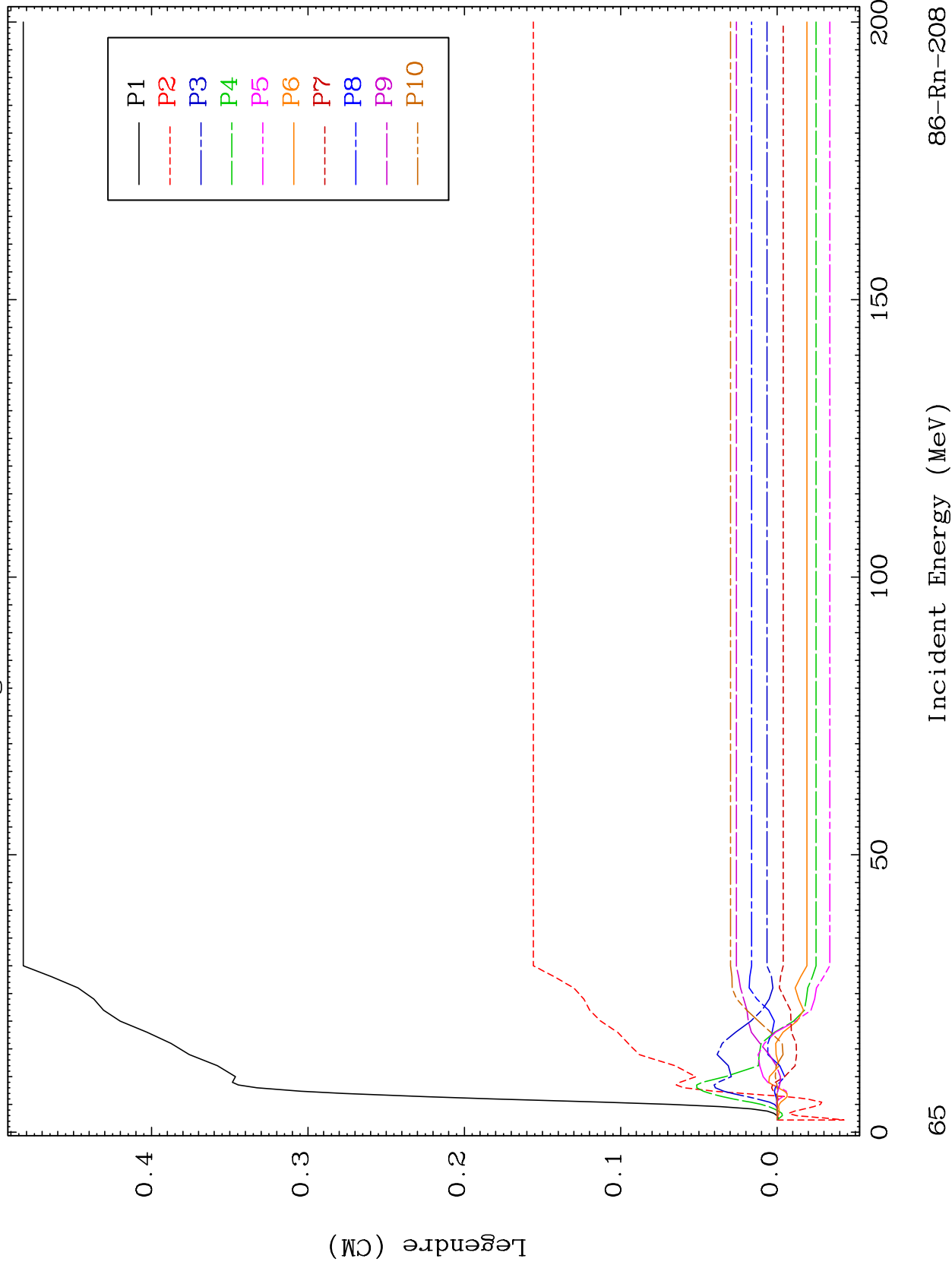
62



MAT 8616

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

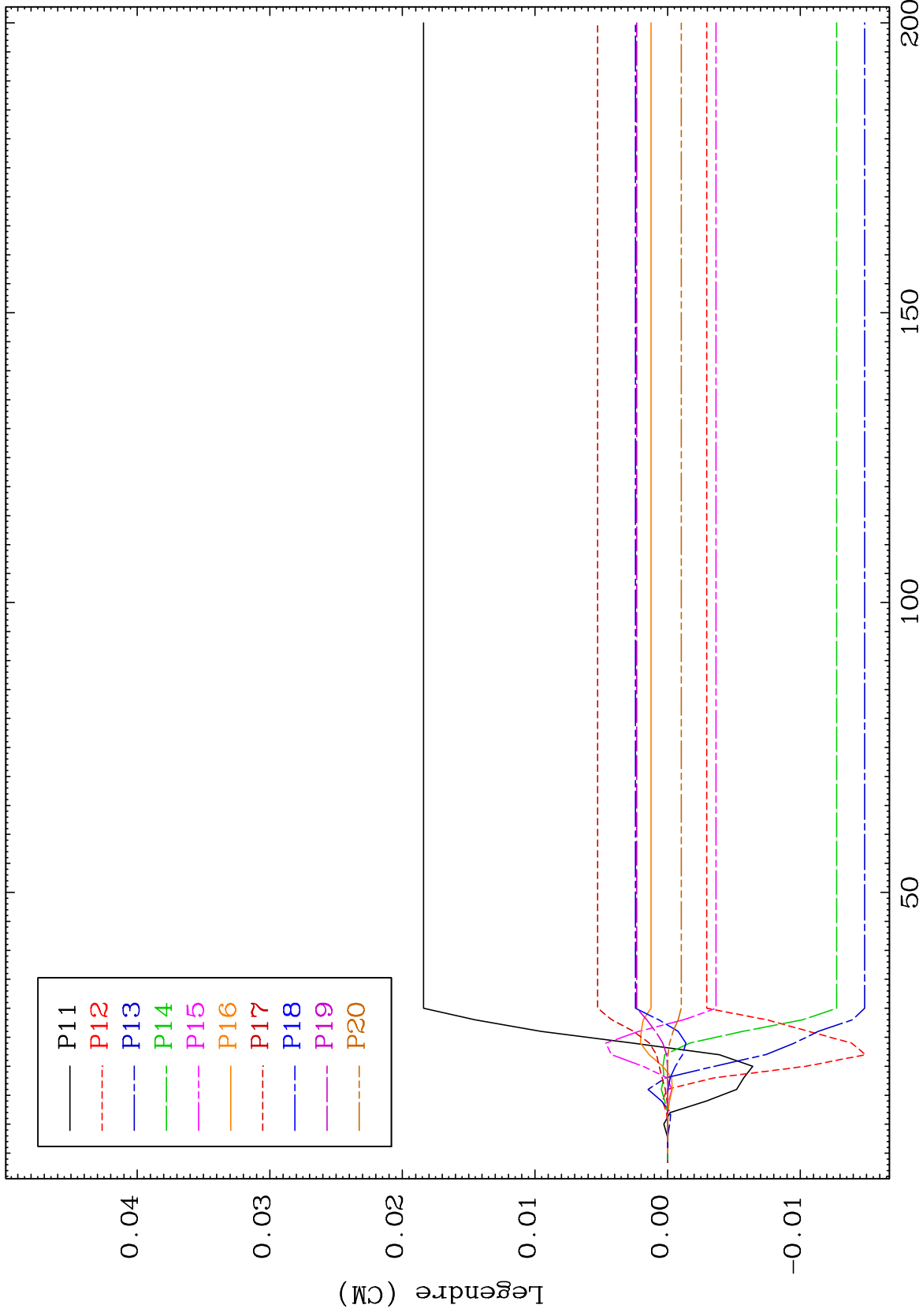
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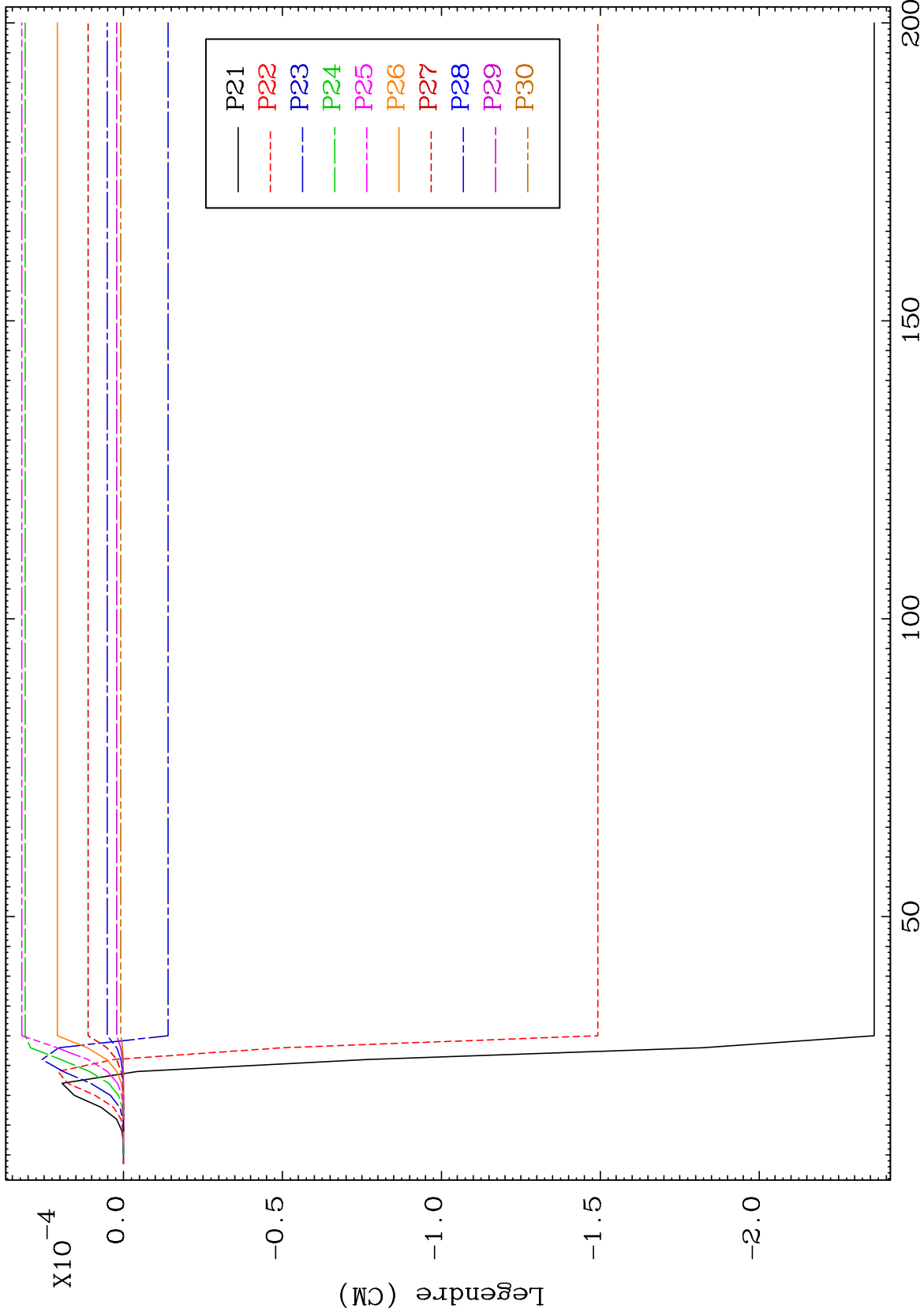


86-Rn-208

Incident Energy (MeV)

65

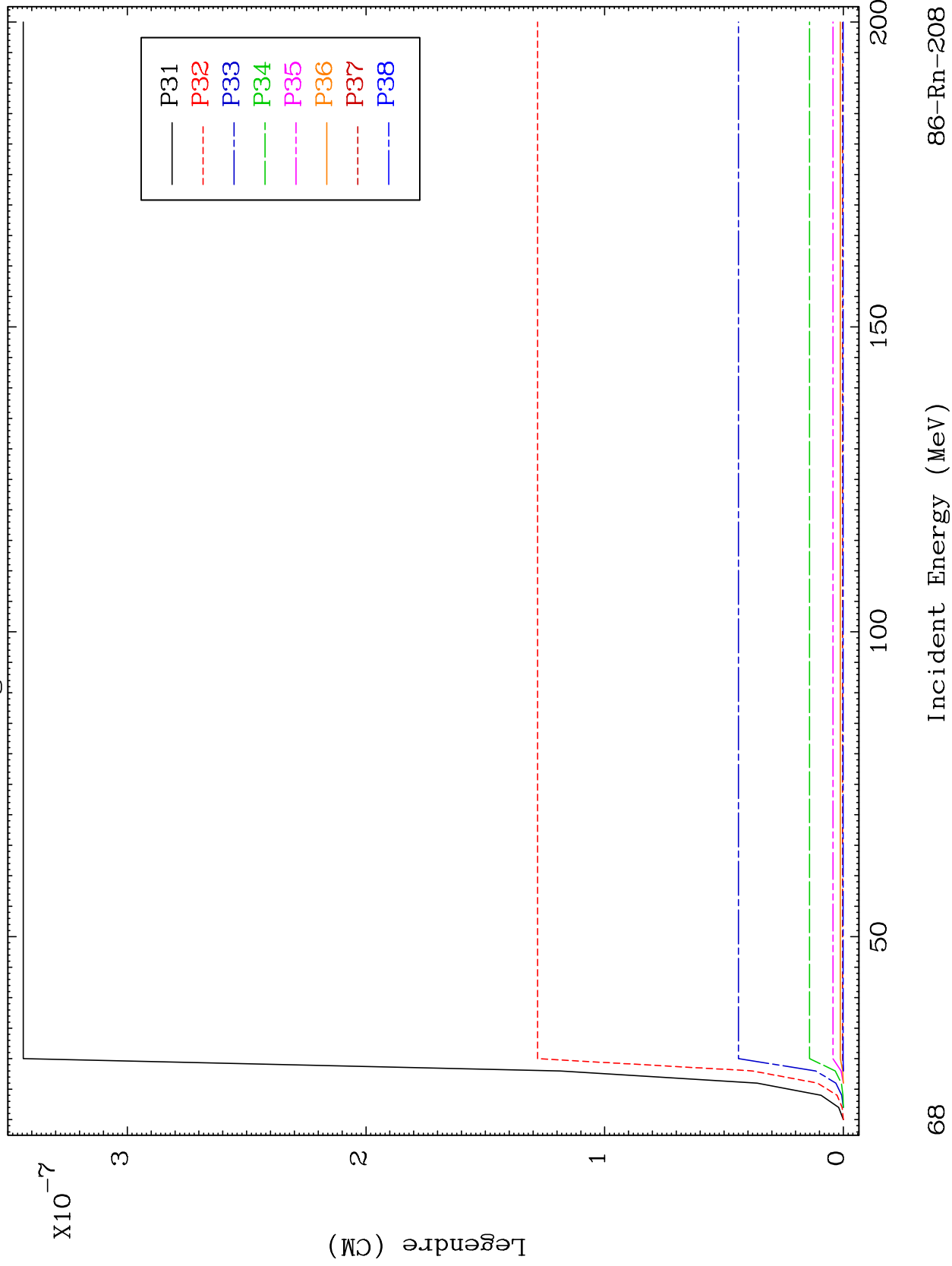




MAT 8616

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

86-Rn-208

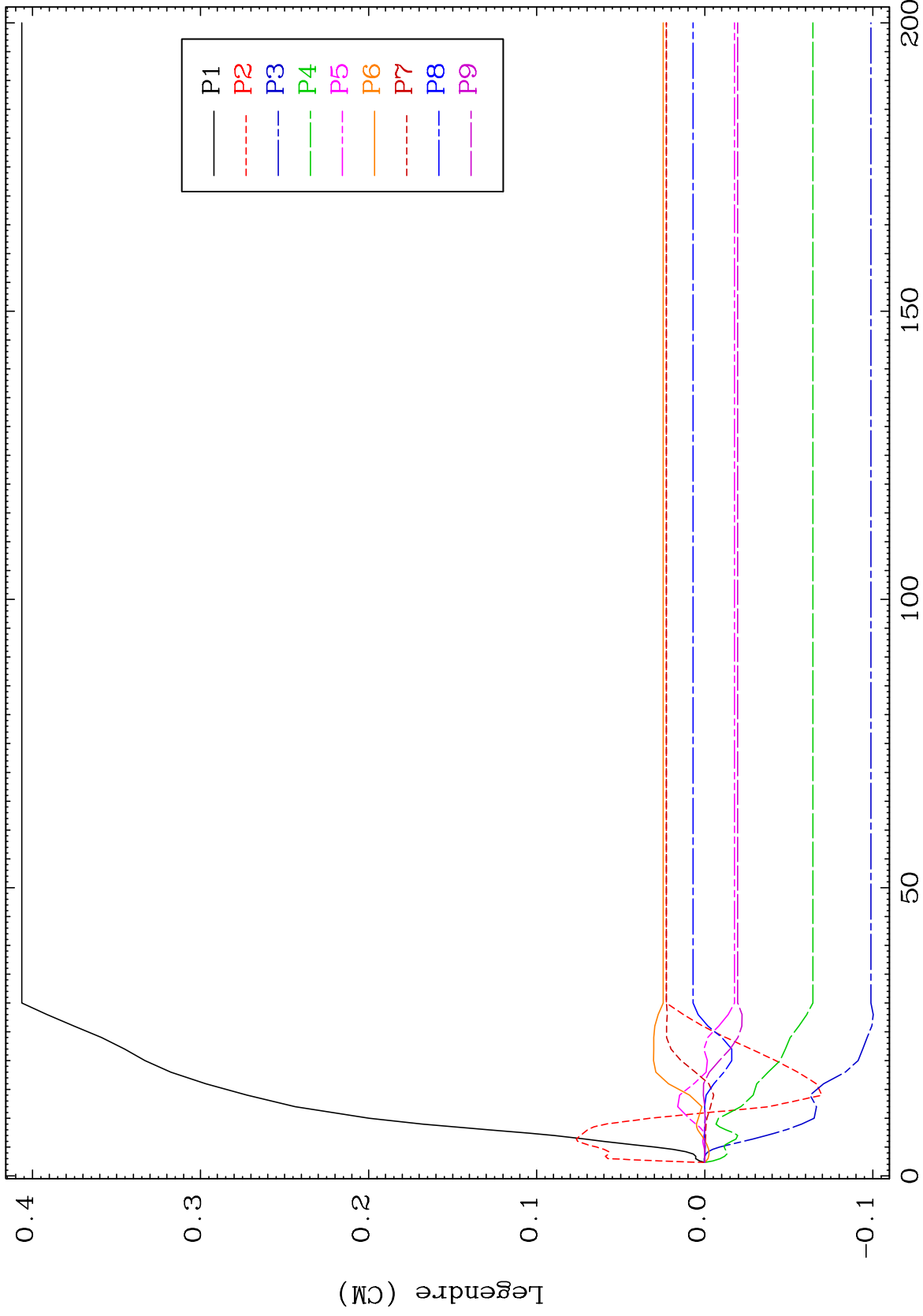


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MAT 8616

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

86-Rn-208



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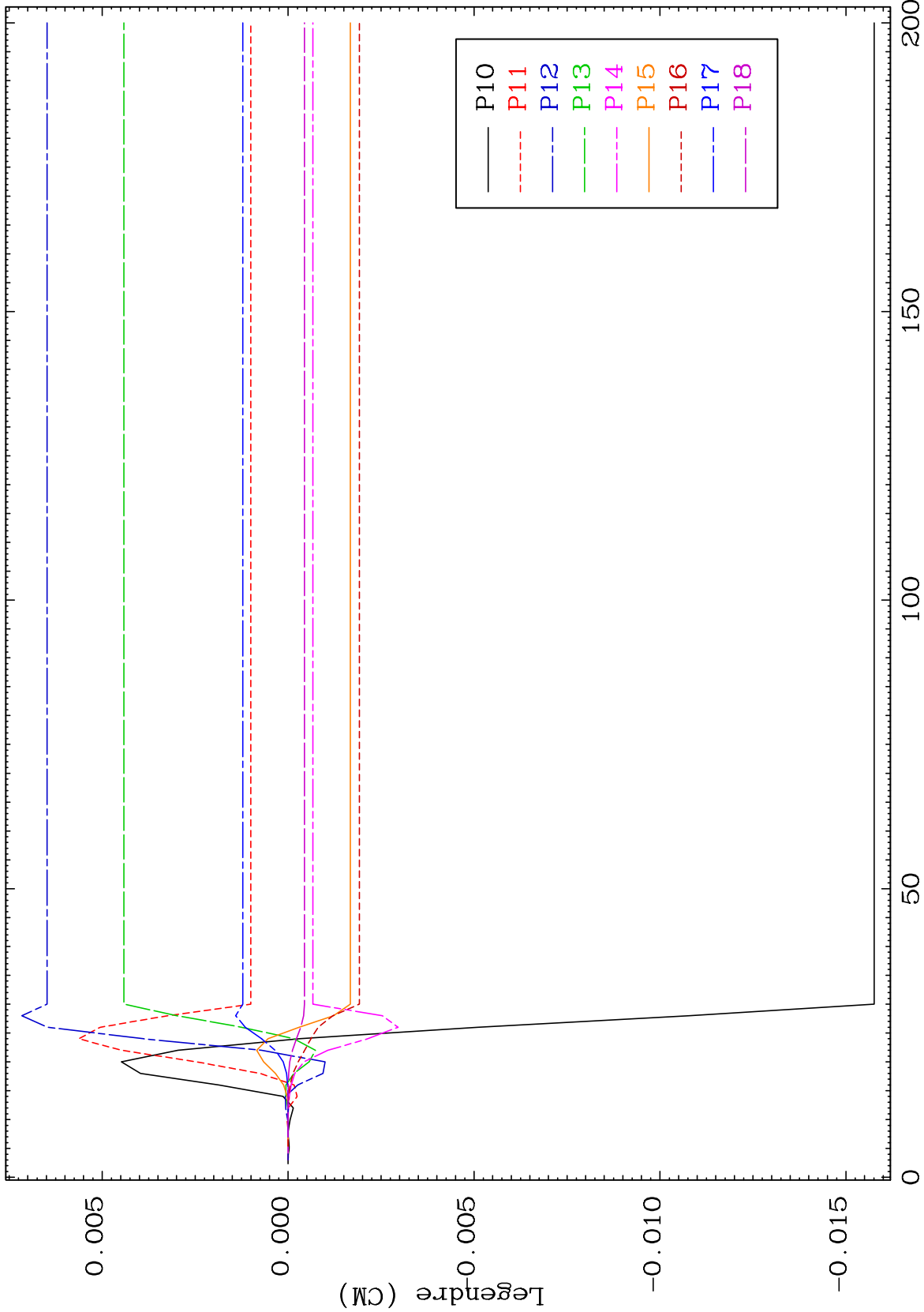
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



70

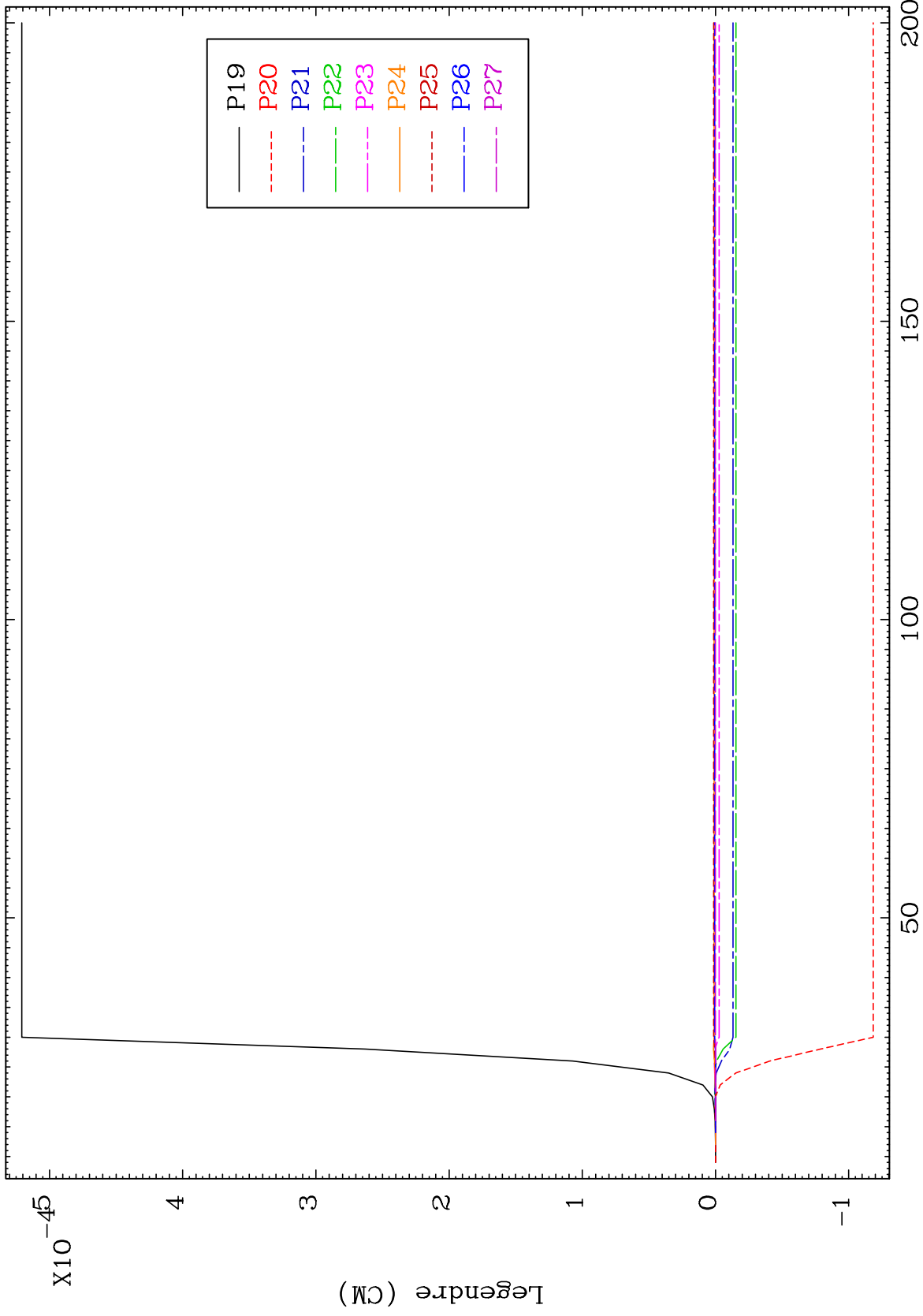
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



71

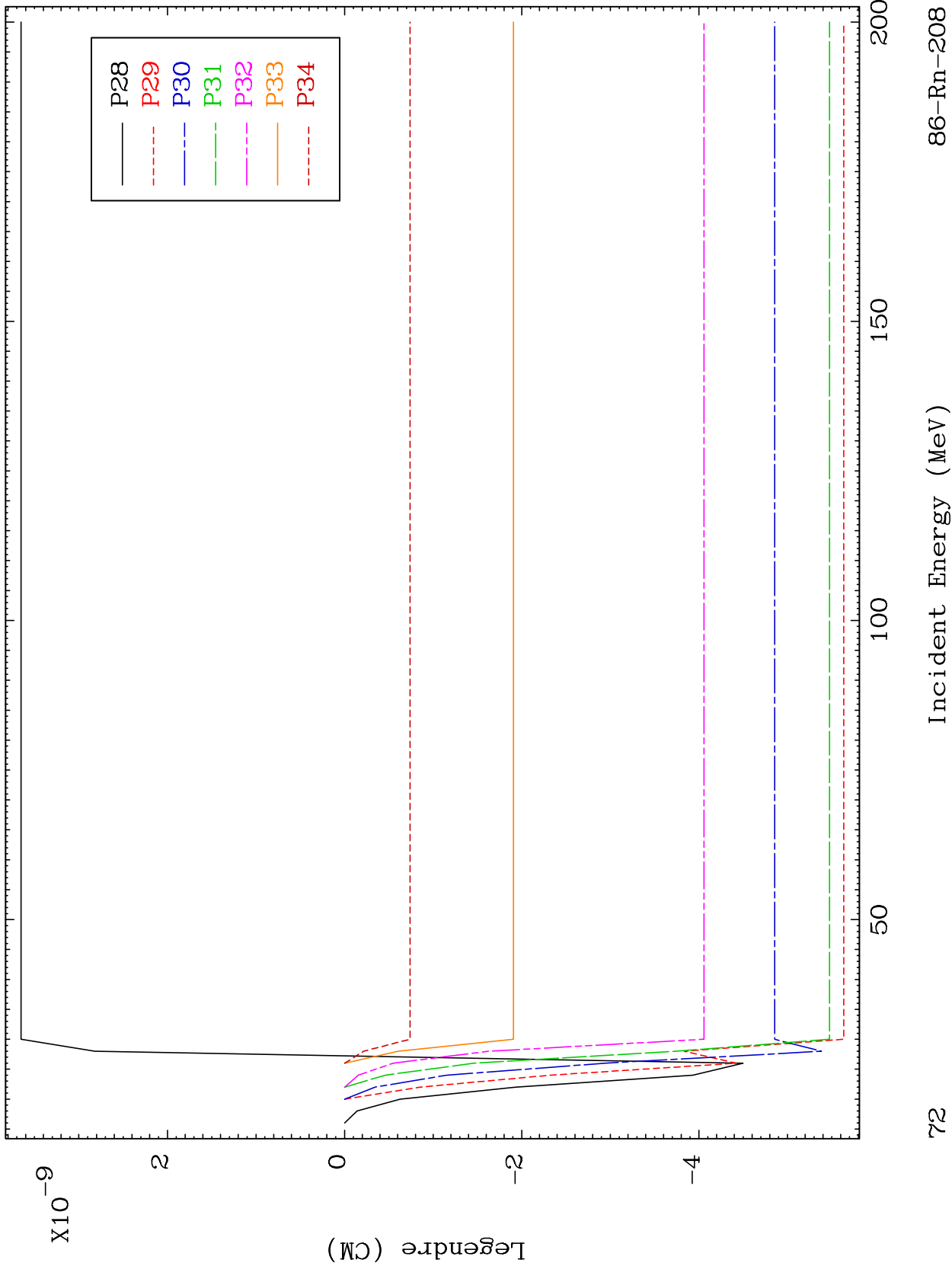
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



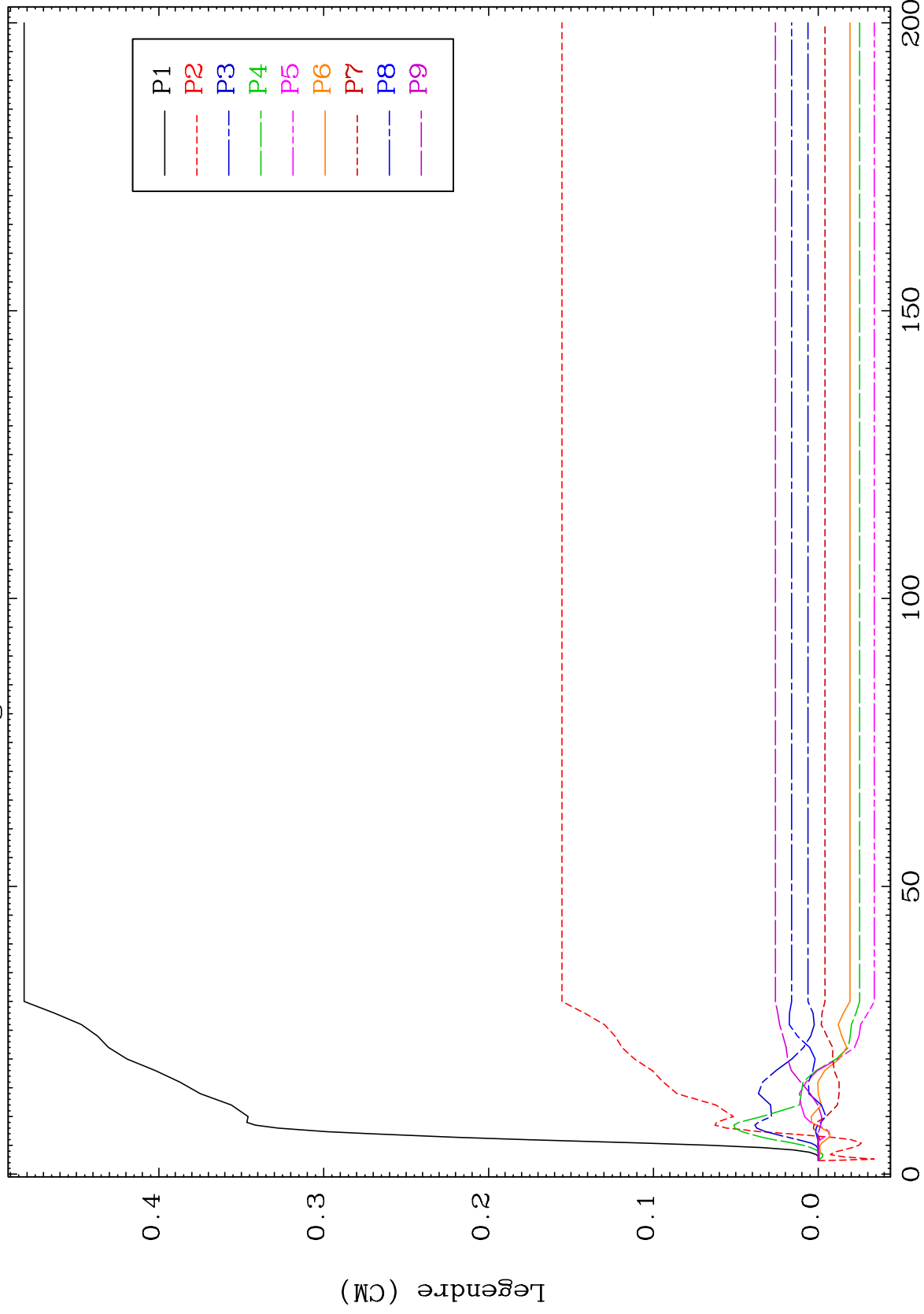
72

86-Rn-208

MAT 8616

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

86-Rn-208



73

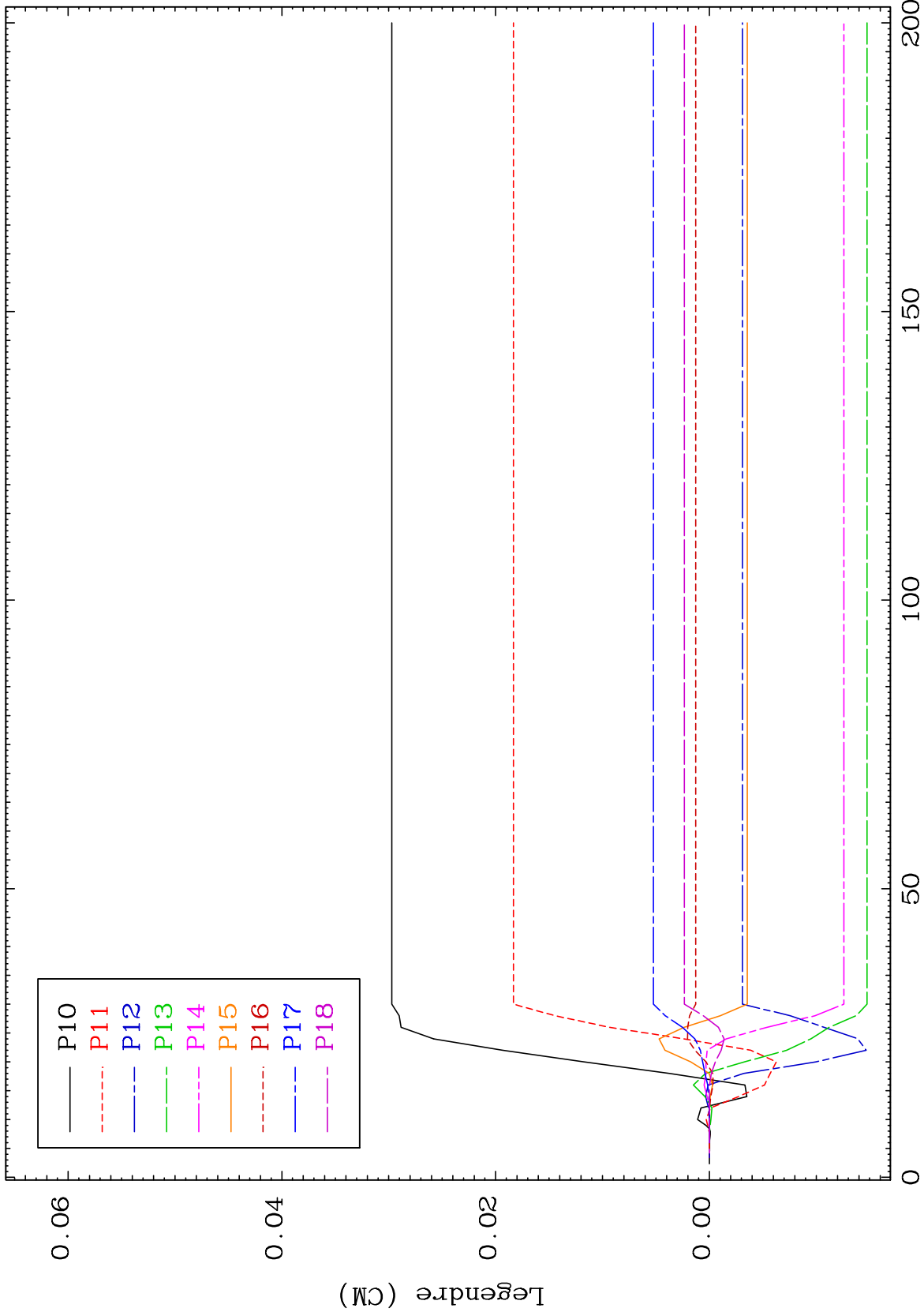
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



74

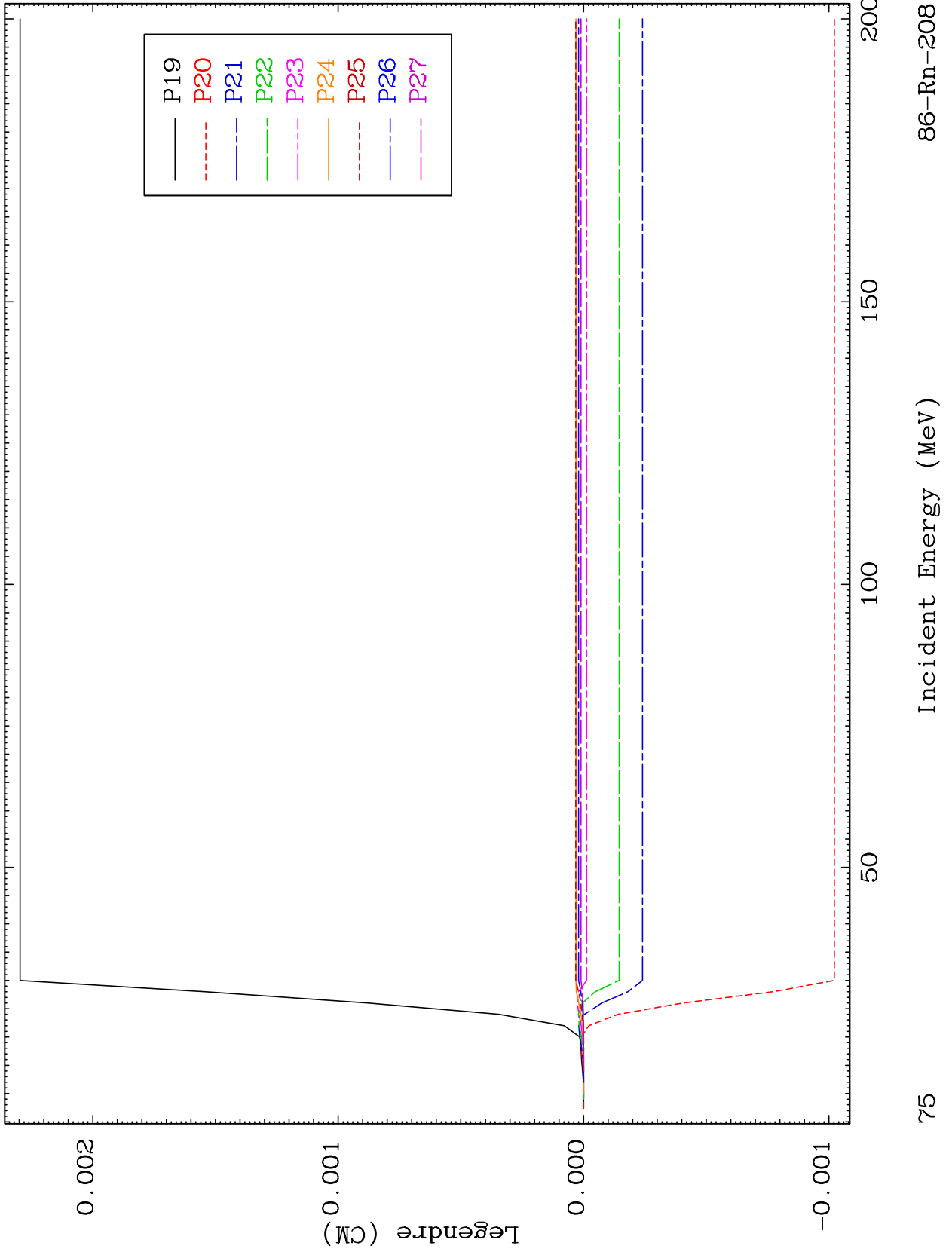
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

86-Rn-208



75

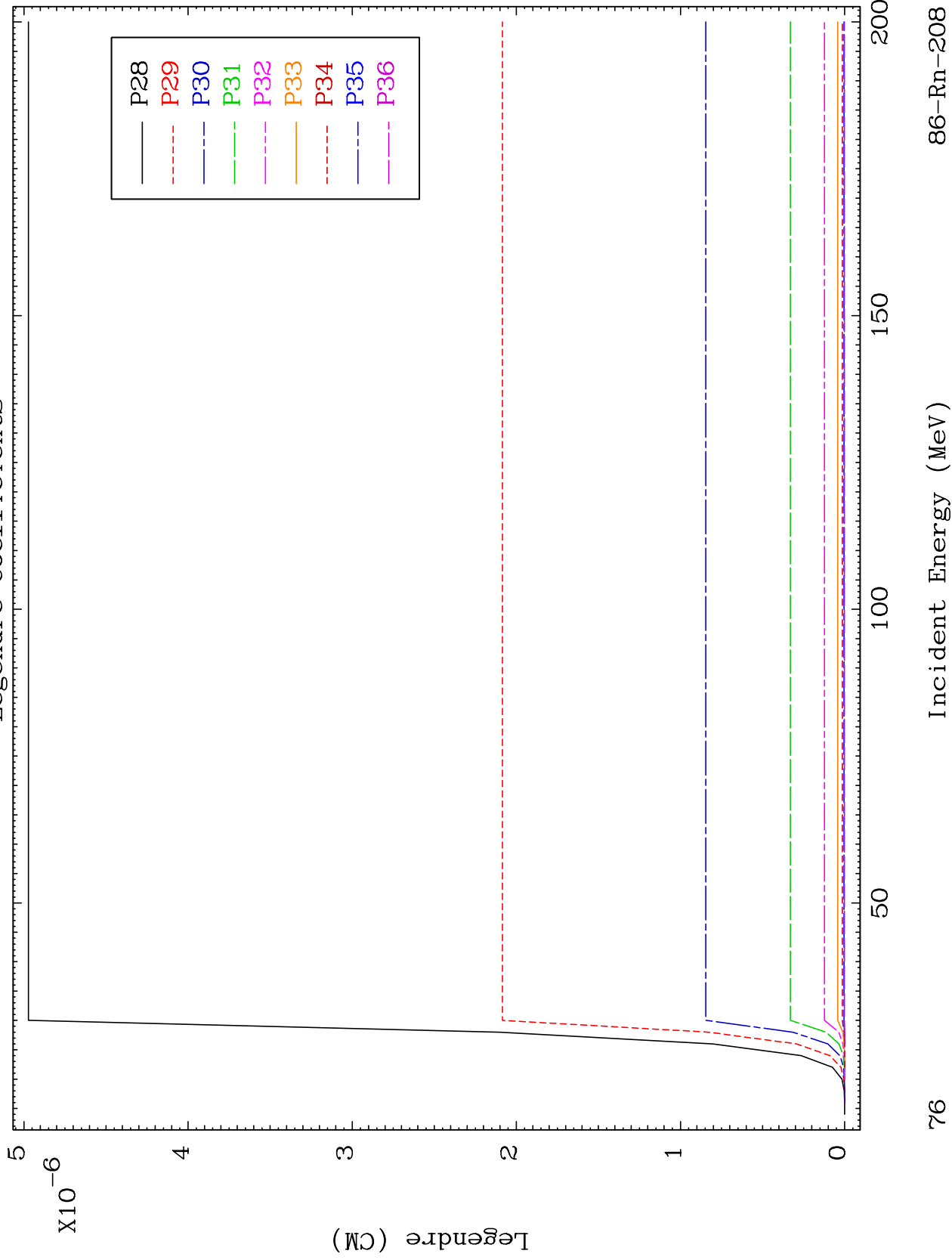
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

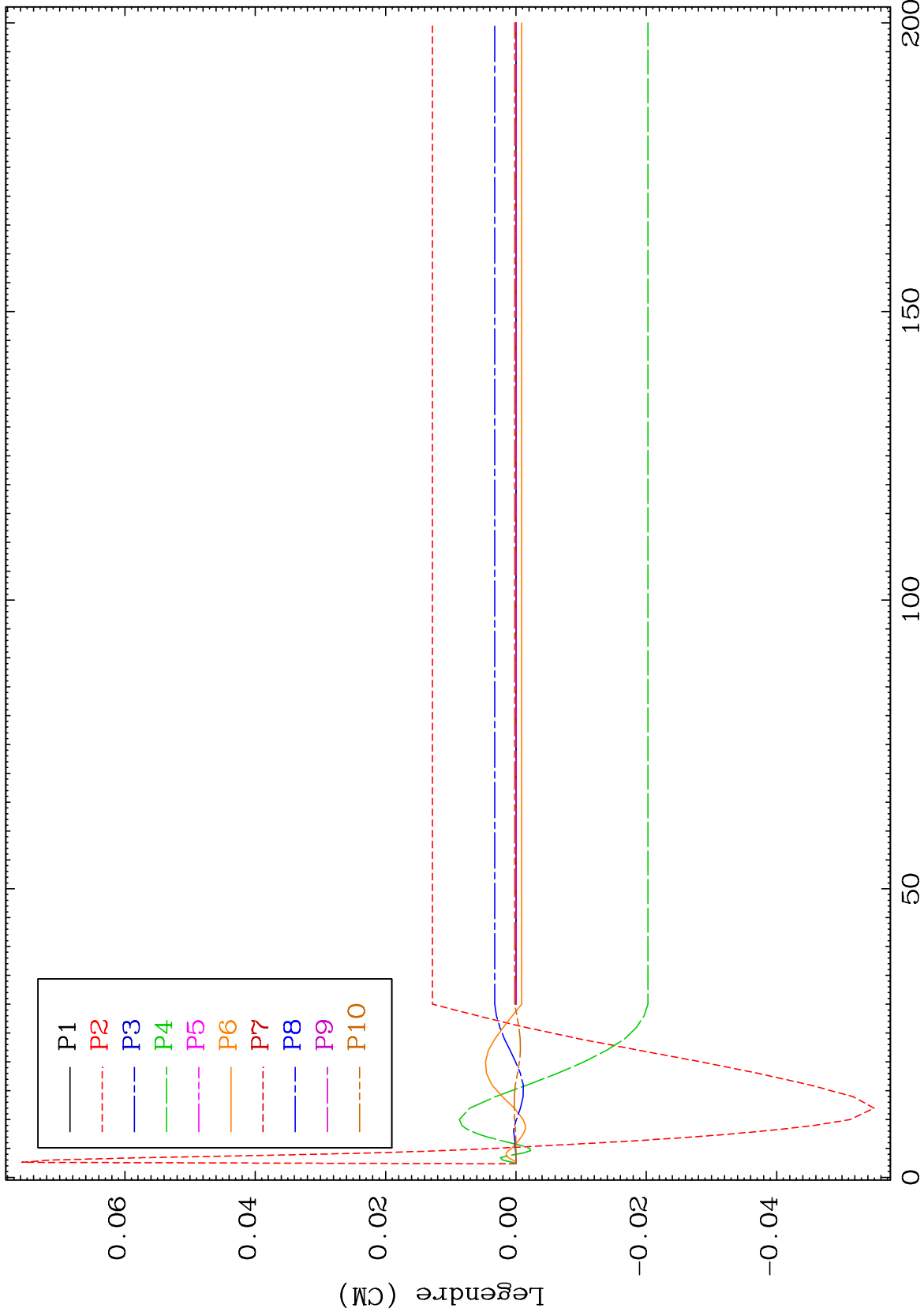
86-Rn-208



MAT 8616

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

86-Rn-208



77

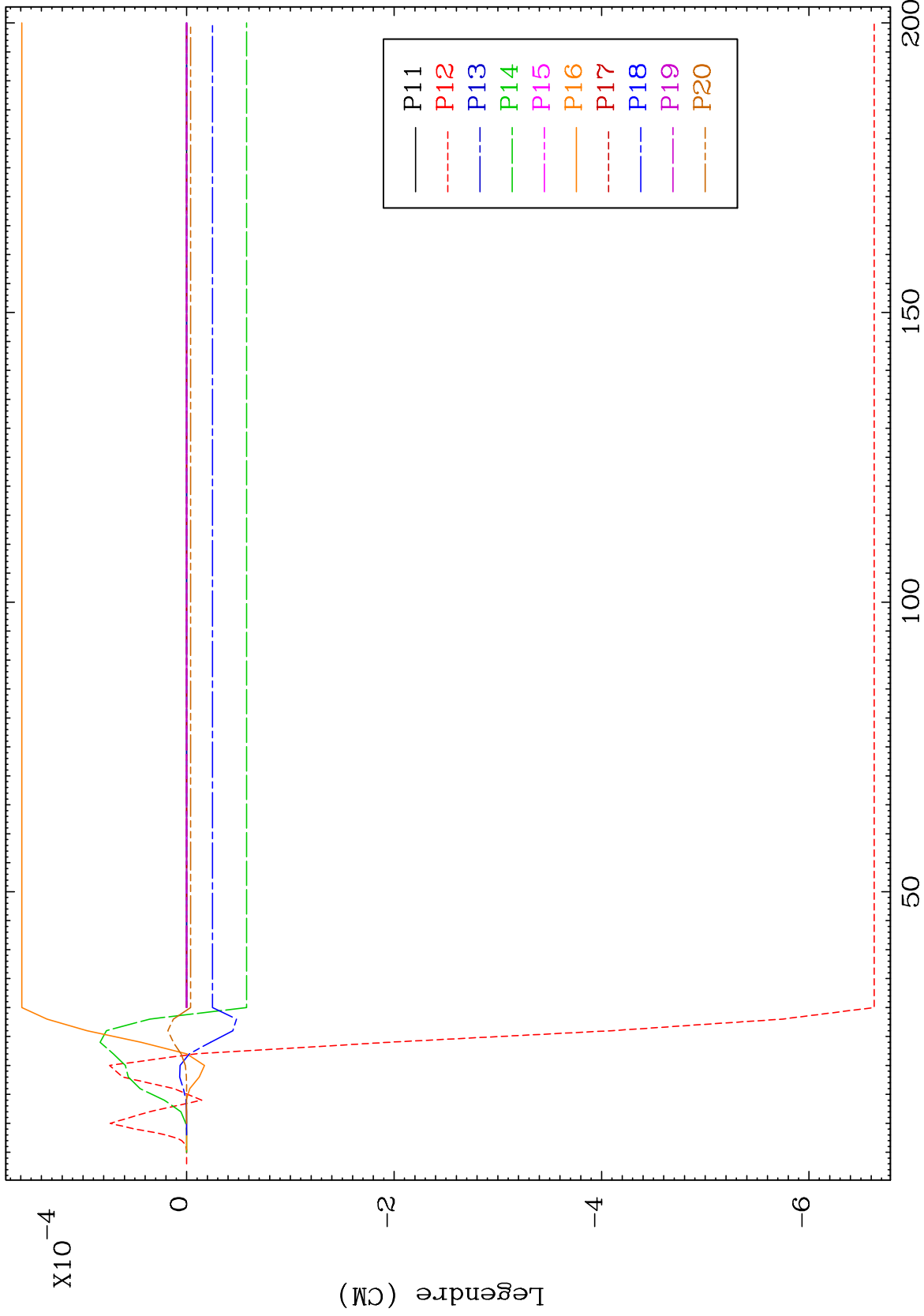
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

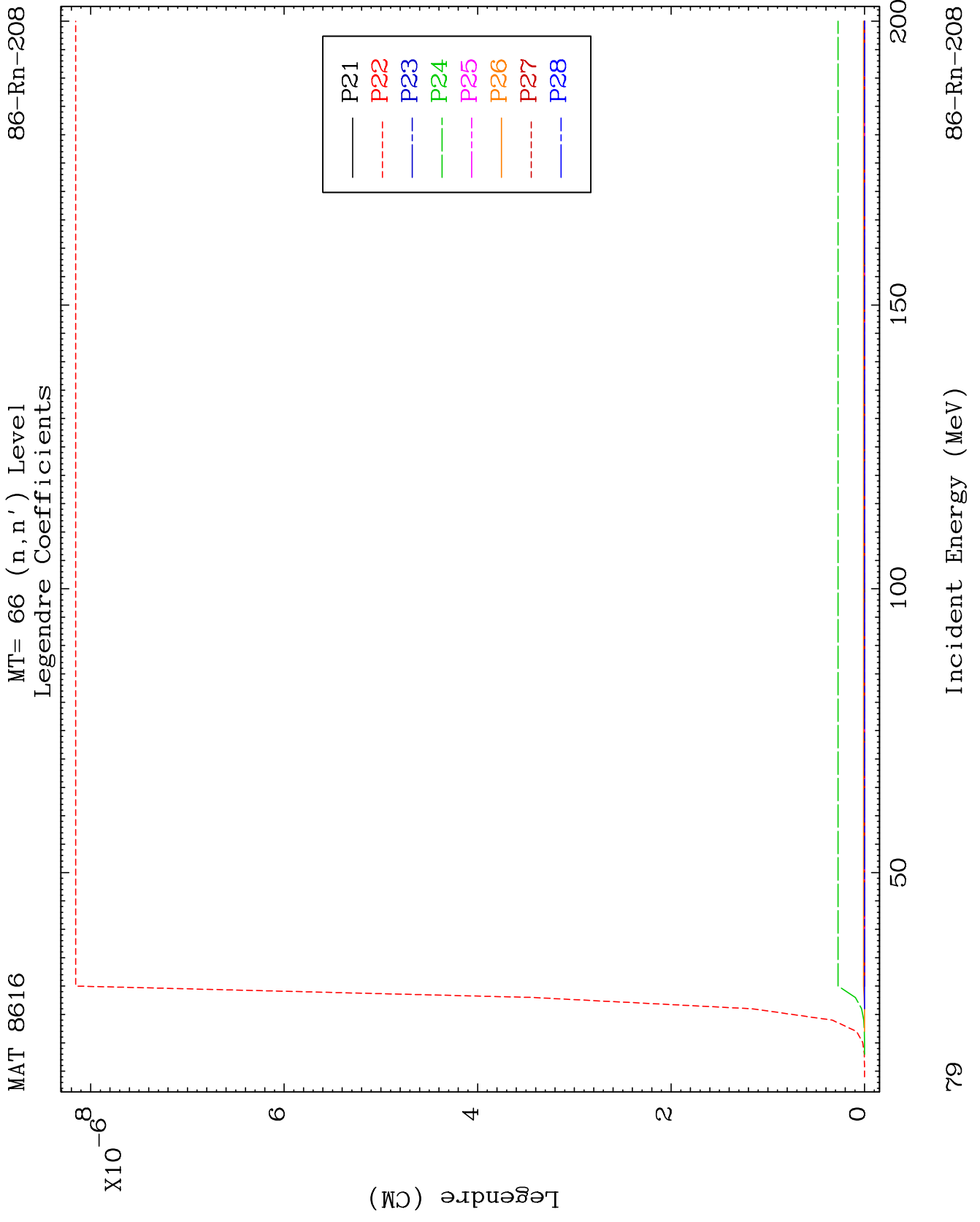
86-Rn-208



78

Incident Energy (MeV)

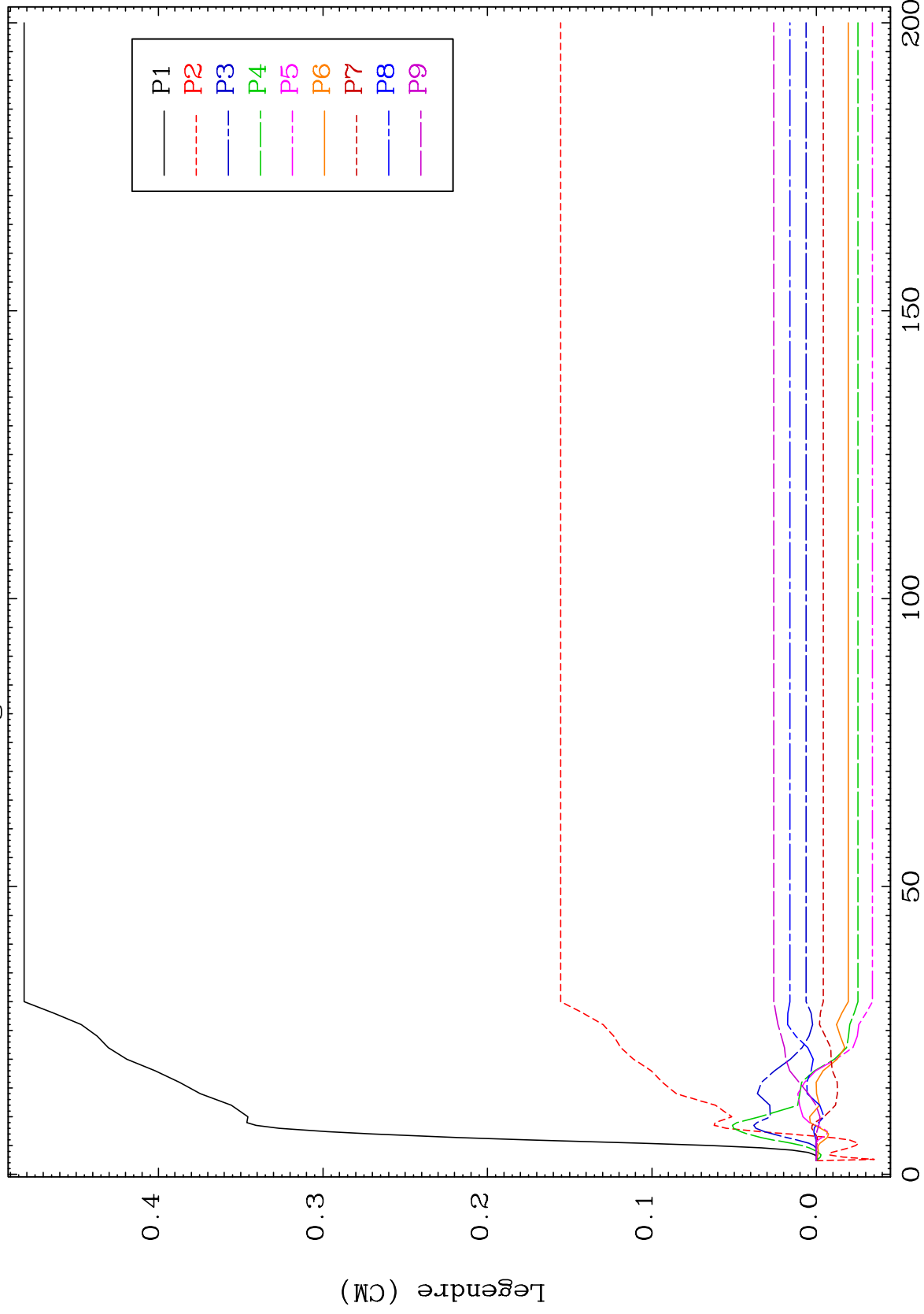
86-Rn-208



MAT 8616

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

86-Rn-208



86-Rn-208

Incident Energy (MeV)

80

200

150

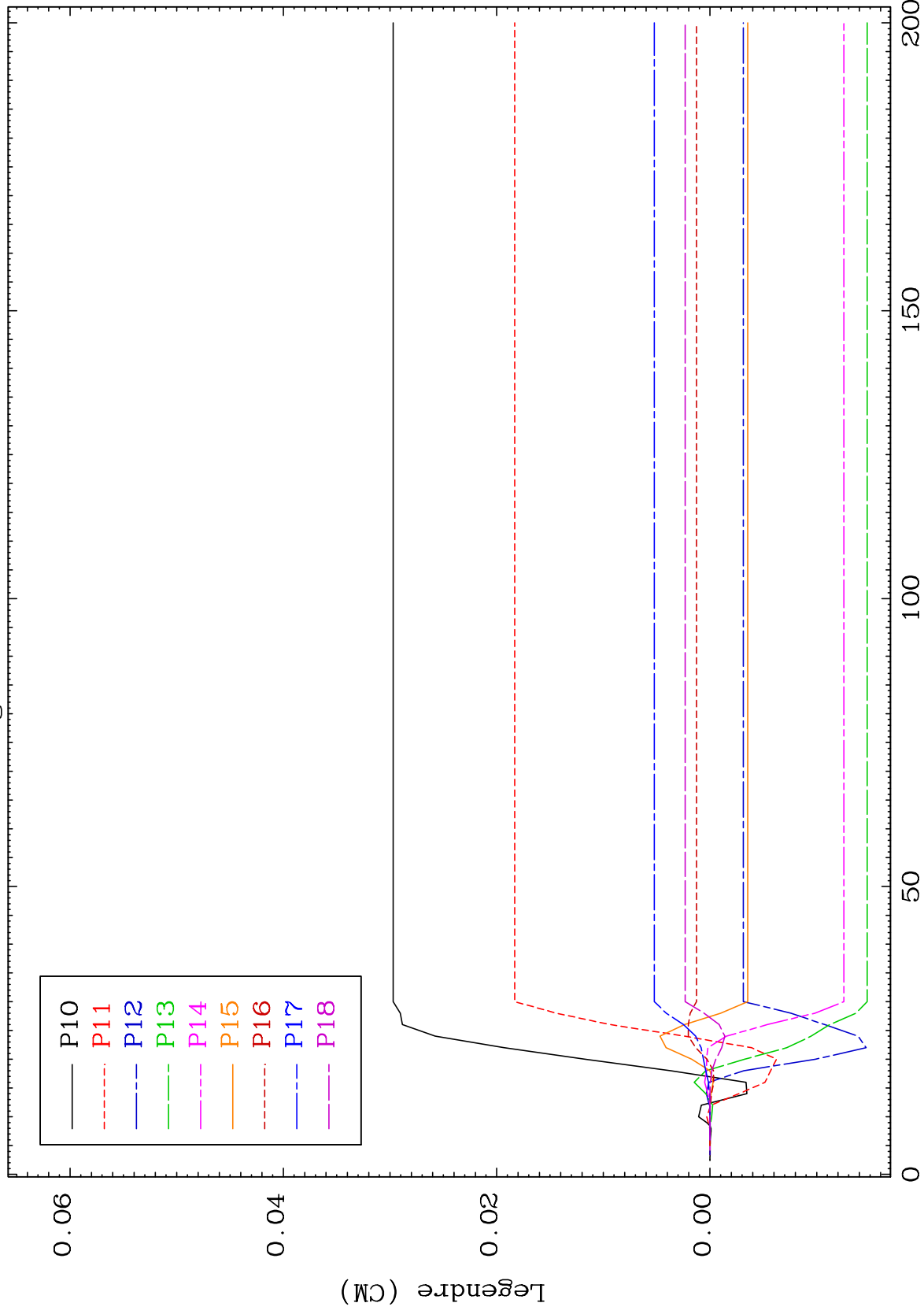
100

50

MAT 8616

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

86-Rn-208



81

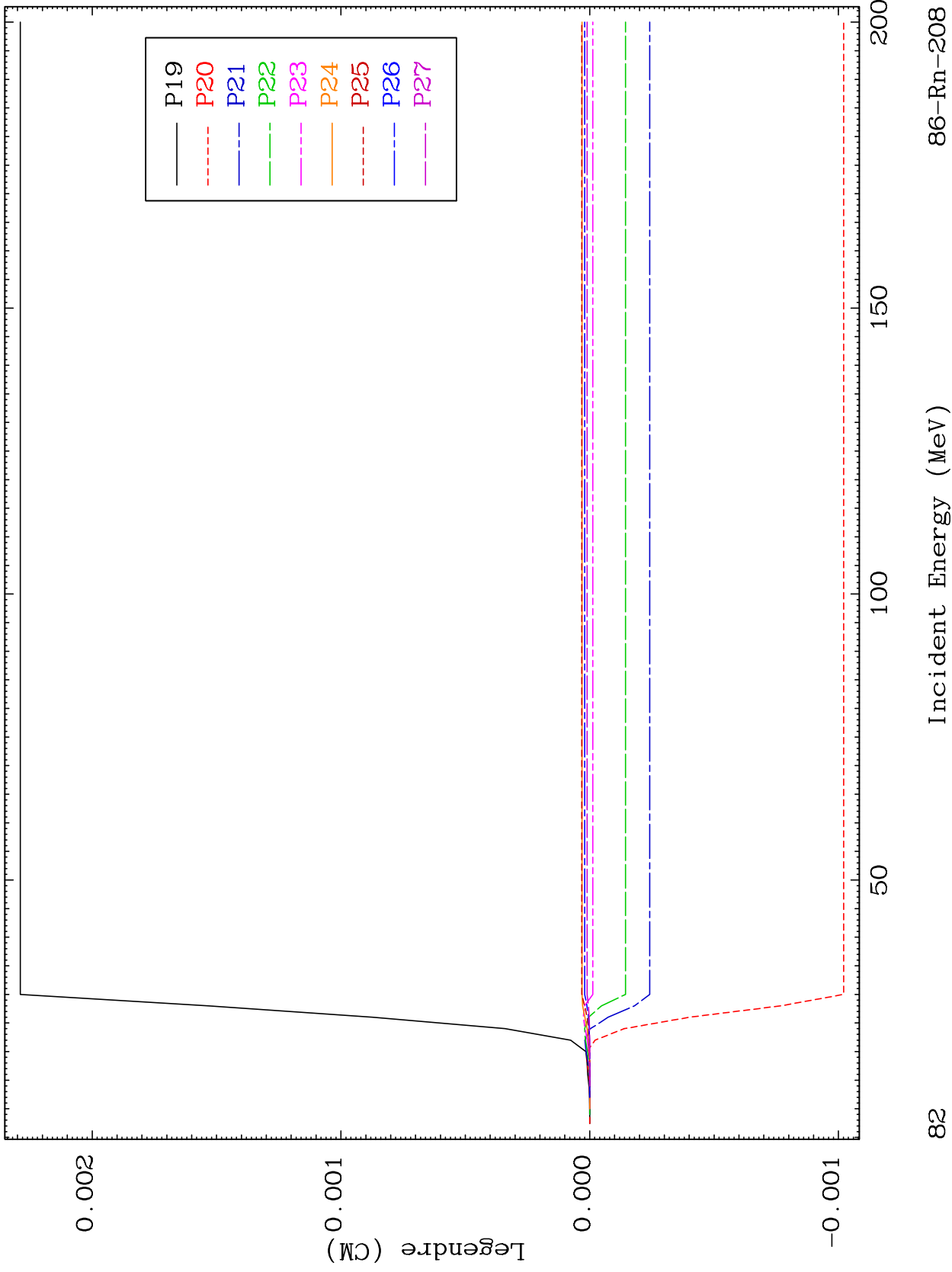
Incident Energy (MeV)

86-Rn-208

MAT 8616

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

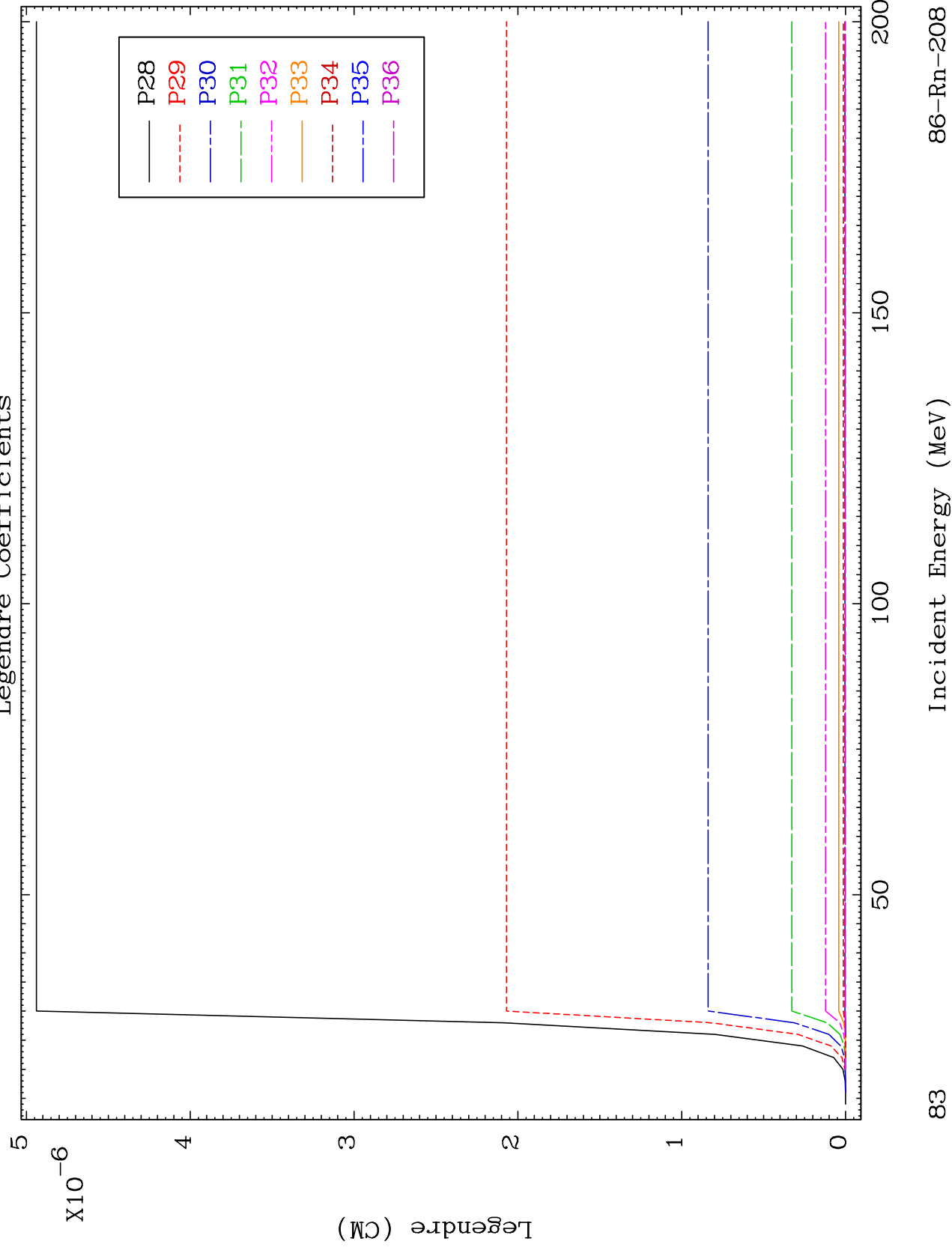
86-Rn-208



MAT 8616

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

86-Rn-208



83

Incident Energy (MeV)

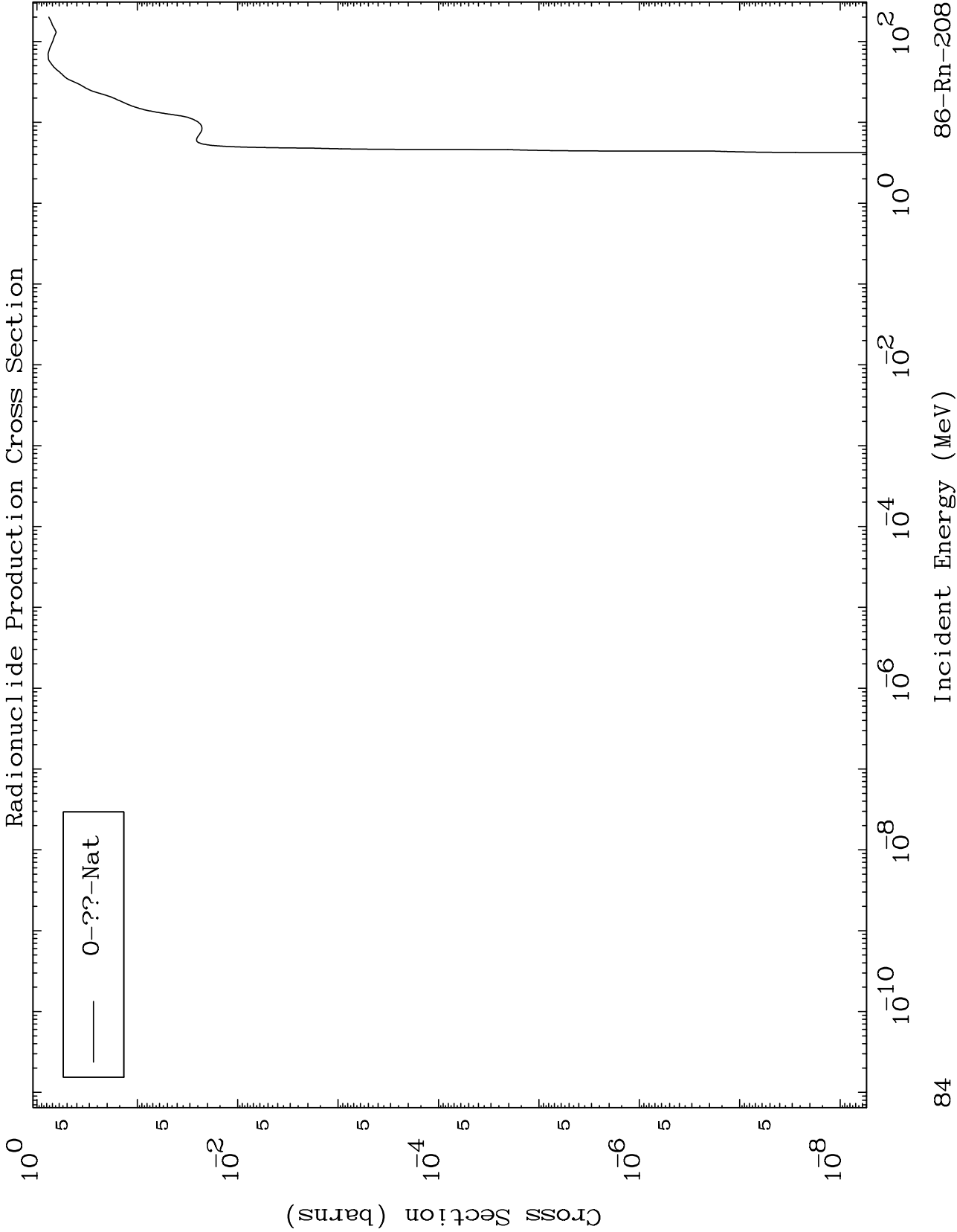
86-Rn-208

MAT 8616

Fission

86-Rn-208

Radionuclide Production Cross Section



84

Incident Energy (MeV)

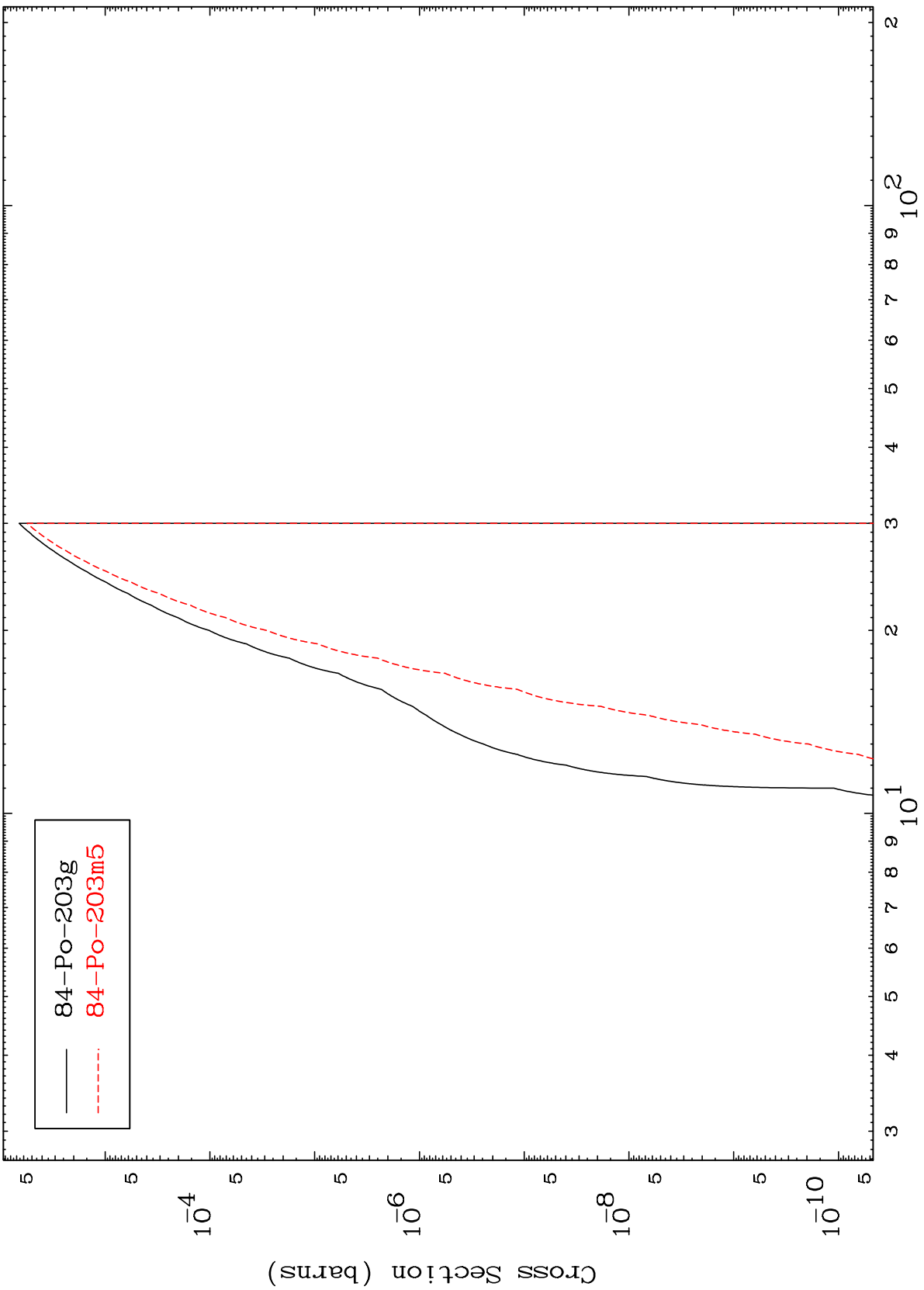
86-Rn-208

MAT 8616

$(n, 2n)$ α

86-Rn-208

Radionuclide Production Cross Section



85

Incident Energy (MeV)

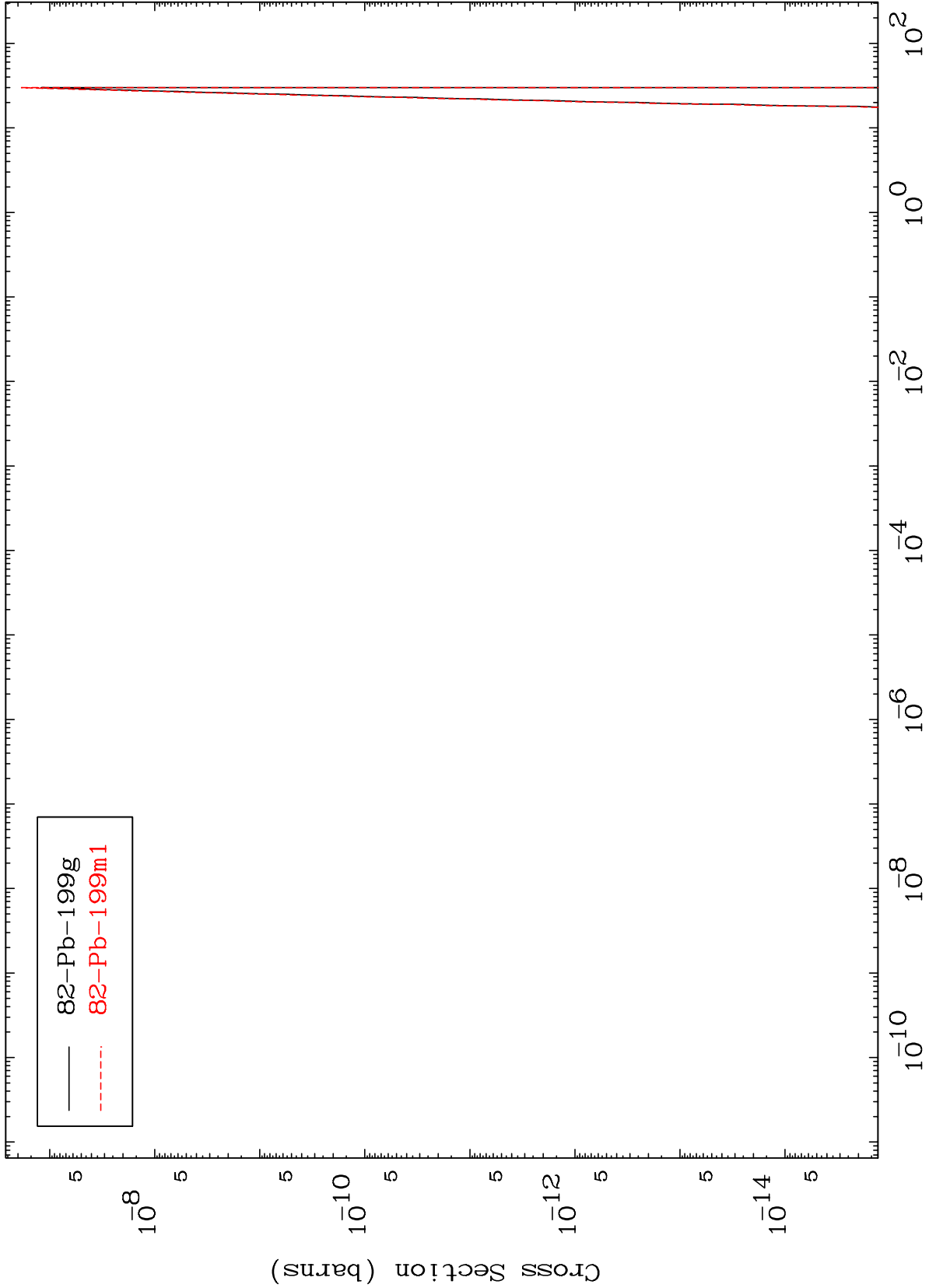
86-Rn-208

MAT 8616

(n,2n) 2 α

86-Rn-208

Radionuclide Production Cross Section

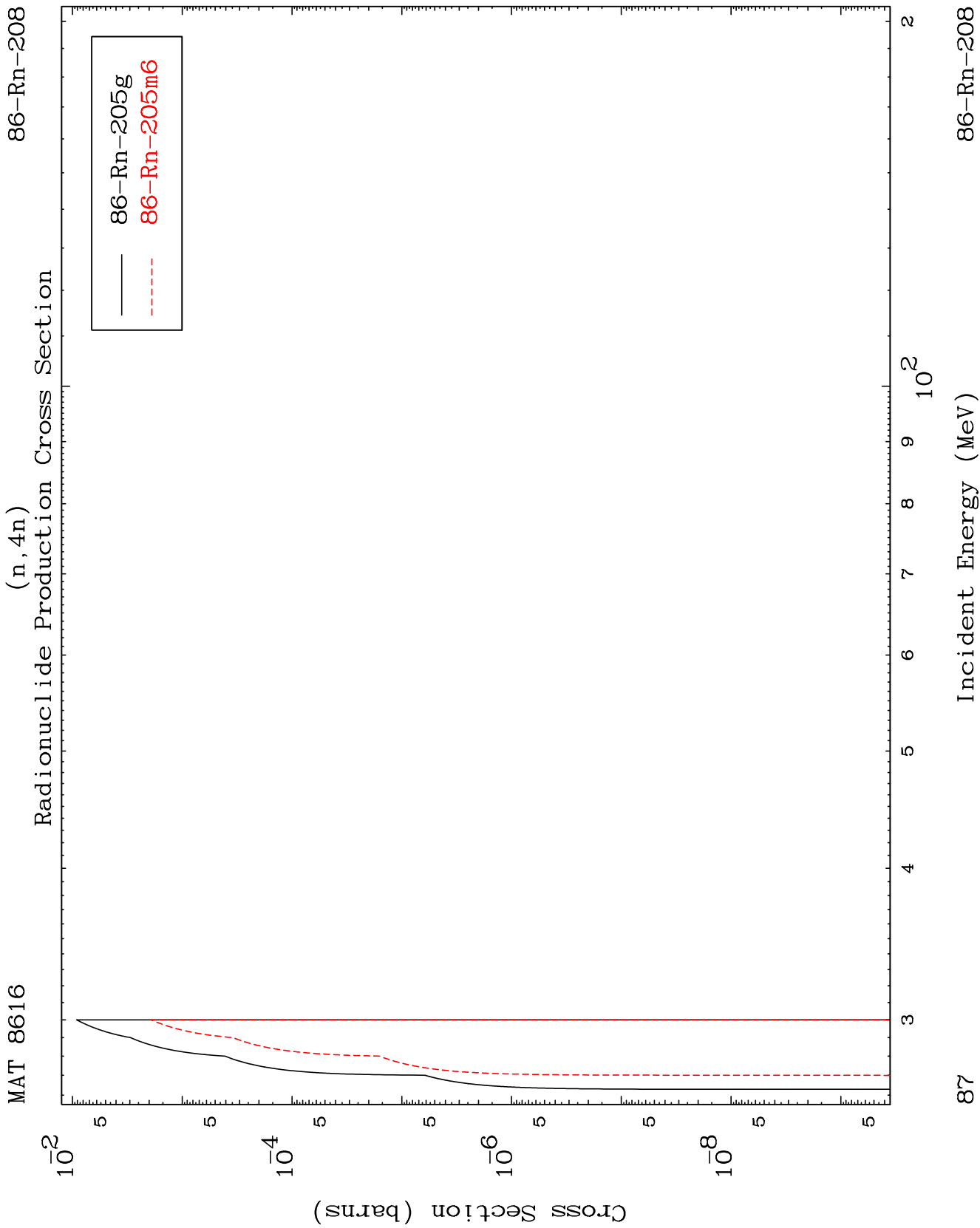


82-Pb-199g
82-Pb-199m1

86

Incident Energy (MeV)

86-Rn-208

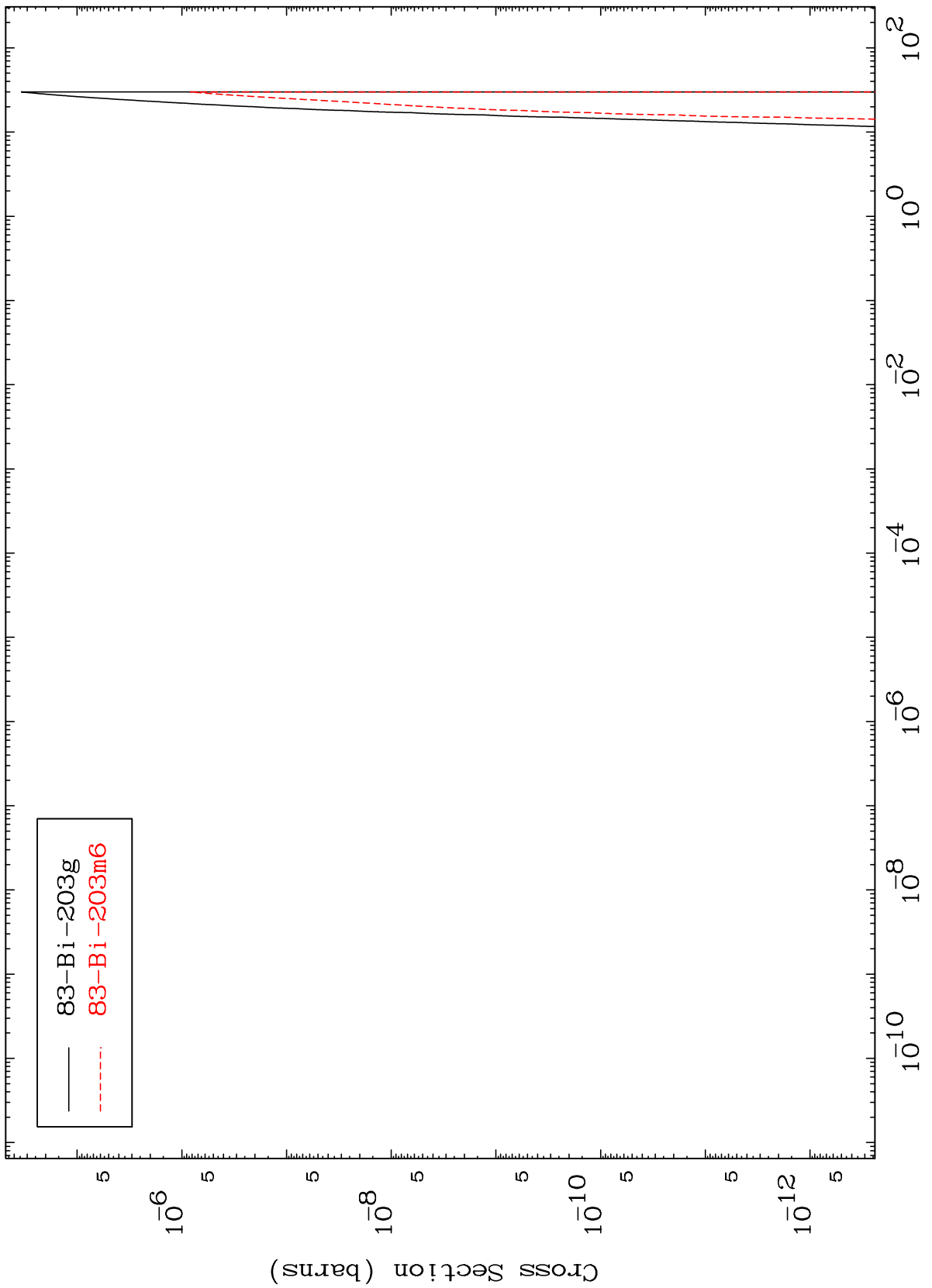


MAT 8616

(n,n') p α

86-Rn-208

Radionuclide Production Cross Section



88

Incident Energy (MeV)

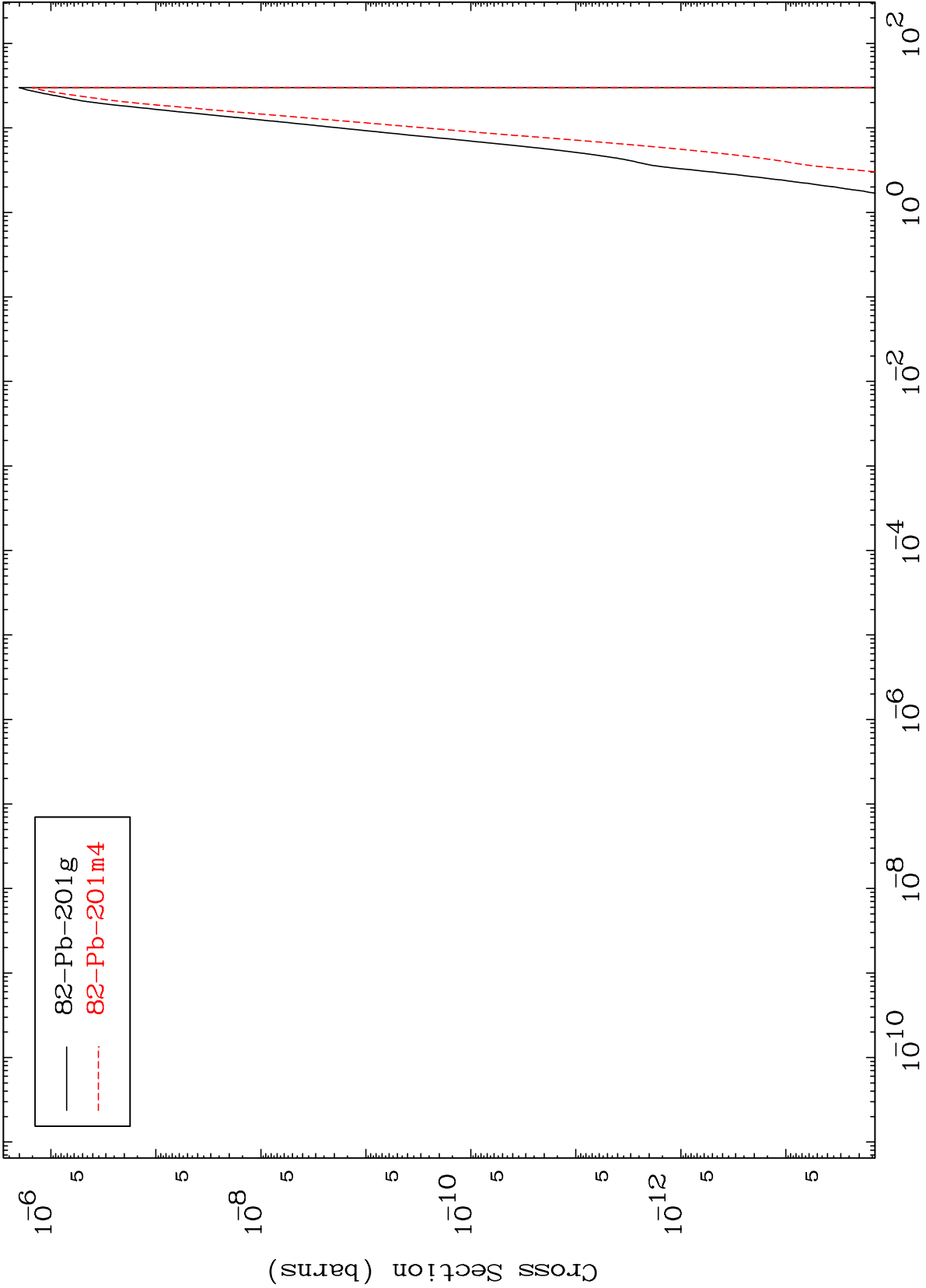
86-Rn-208

MAT 8616

(n,2α)

86-Rn-208

Radionuclide Production Cross Section



89

Incident Energy (MeV)

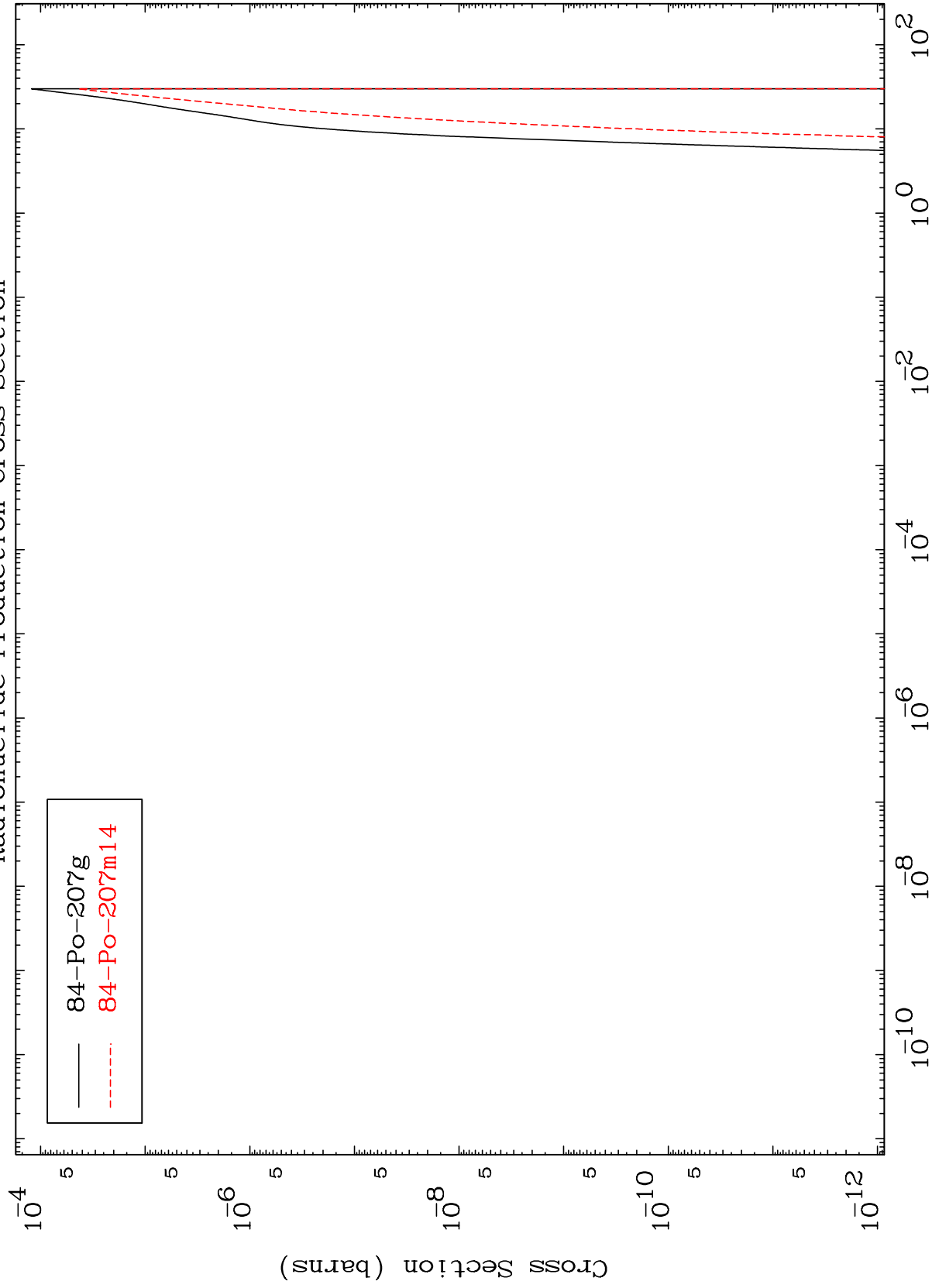
86-Rn-208

MAT 8616

(n,2p)

86-Rn-208

Radionuclide Production Cross Section



90

Incident Energy (MeV)

86-Rn-208

MAT 8616

(n,d) α

86-Rn-208

Radionuclide Production Cross Section

