

Program EVALPLOT
(Version 2018-1)

by

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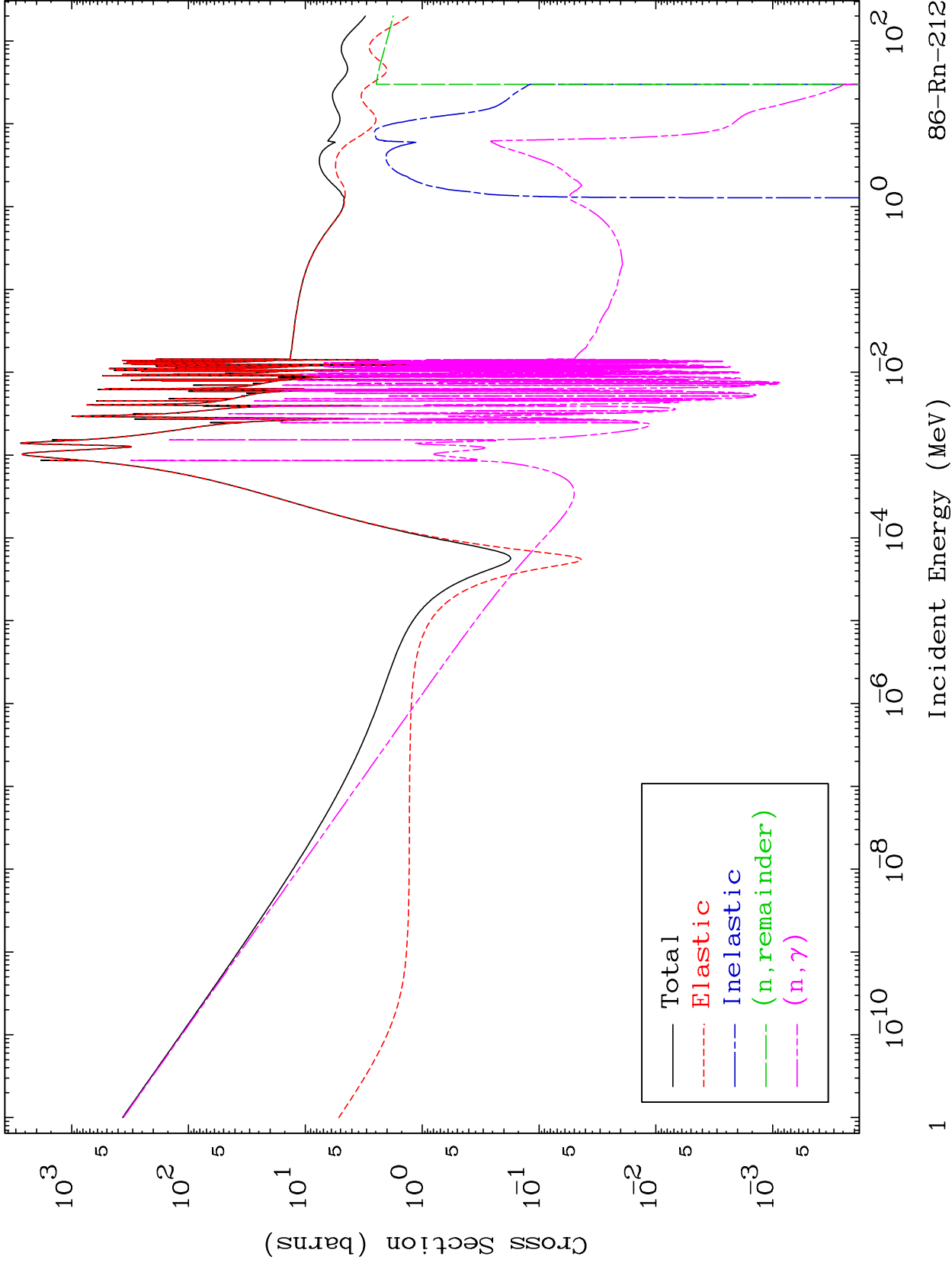
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Press Mouse Button to Start

MAT 8628

Major
293 Kelvin Cross Sections

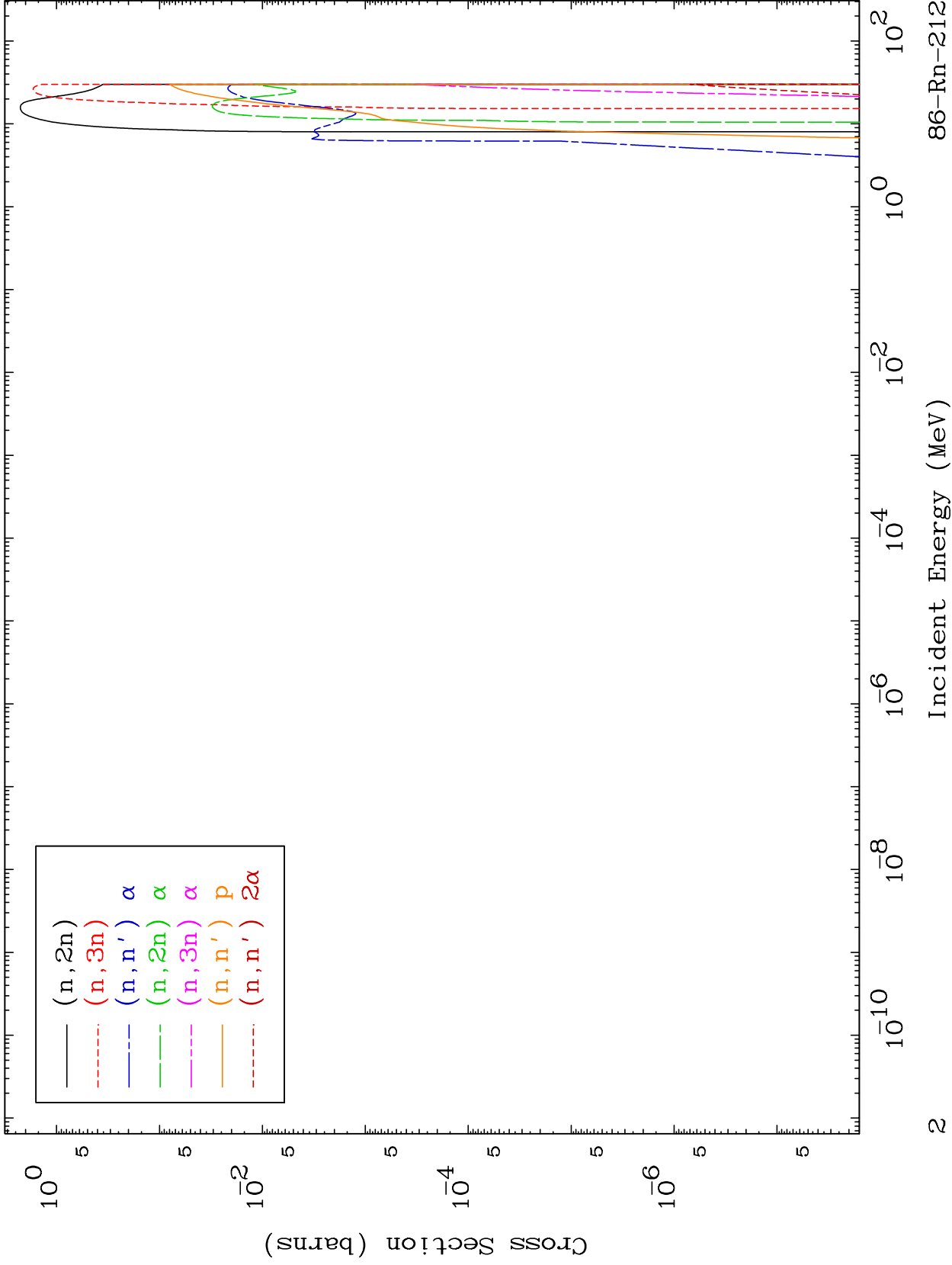
86-Rn-212



MAT 8628

Neutron Production
293 Kelvin Cross Sections

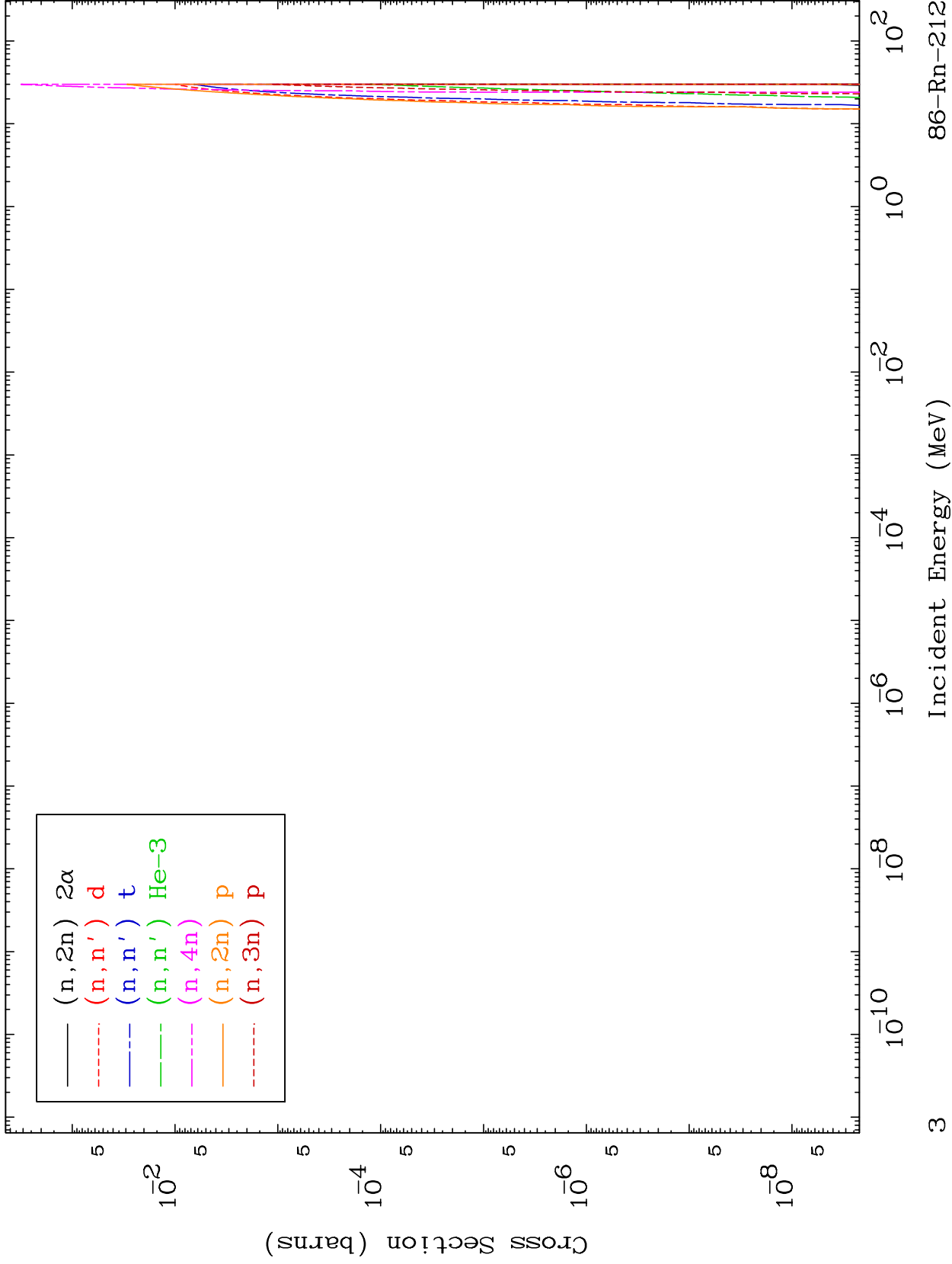
86-Rn-212



MAT 8628

Neutron Production
293 Kelvin Cross Sections

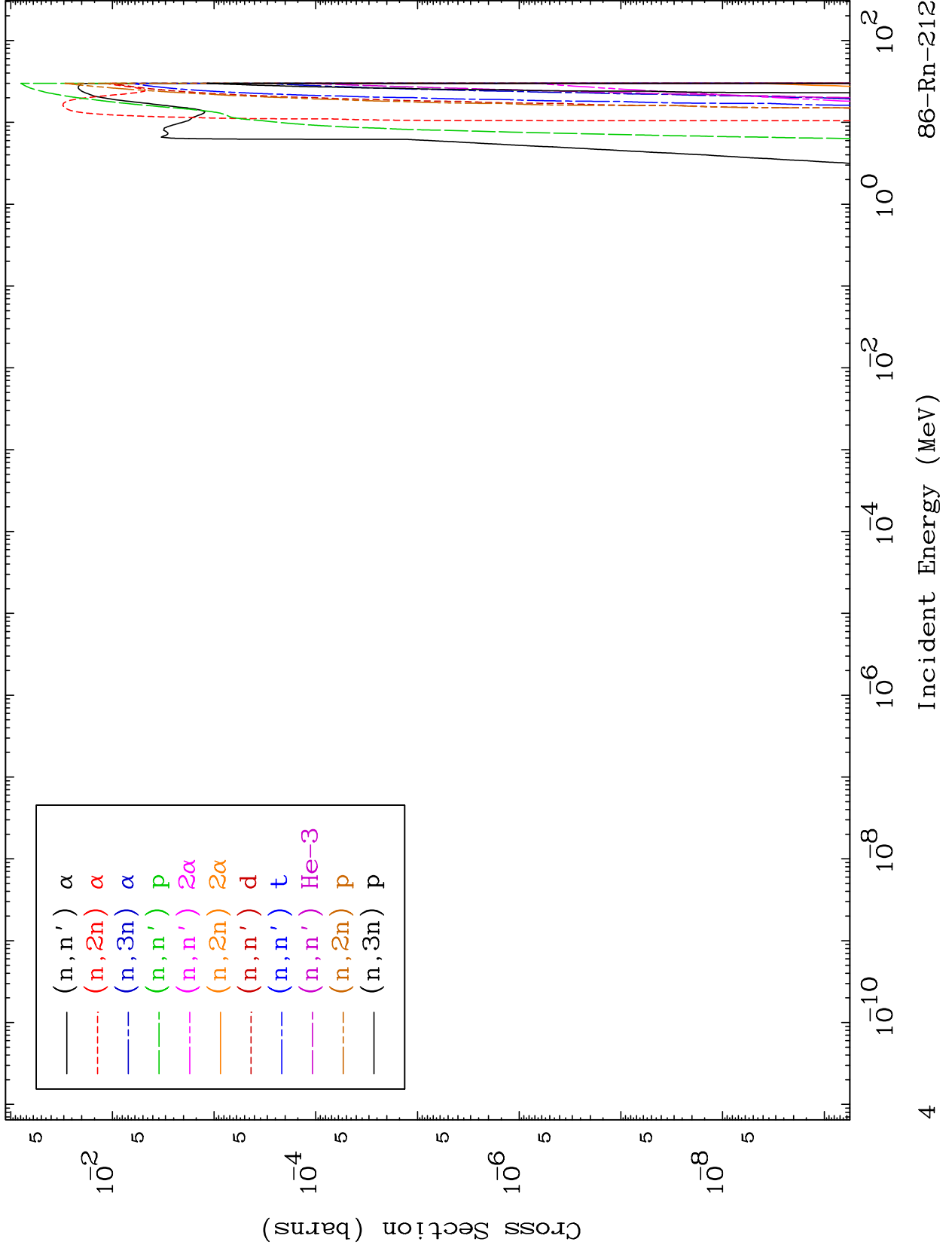
86-Rn-212



MAT 8628

Charged Particle
293 Kelvin Cross Sections

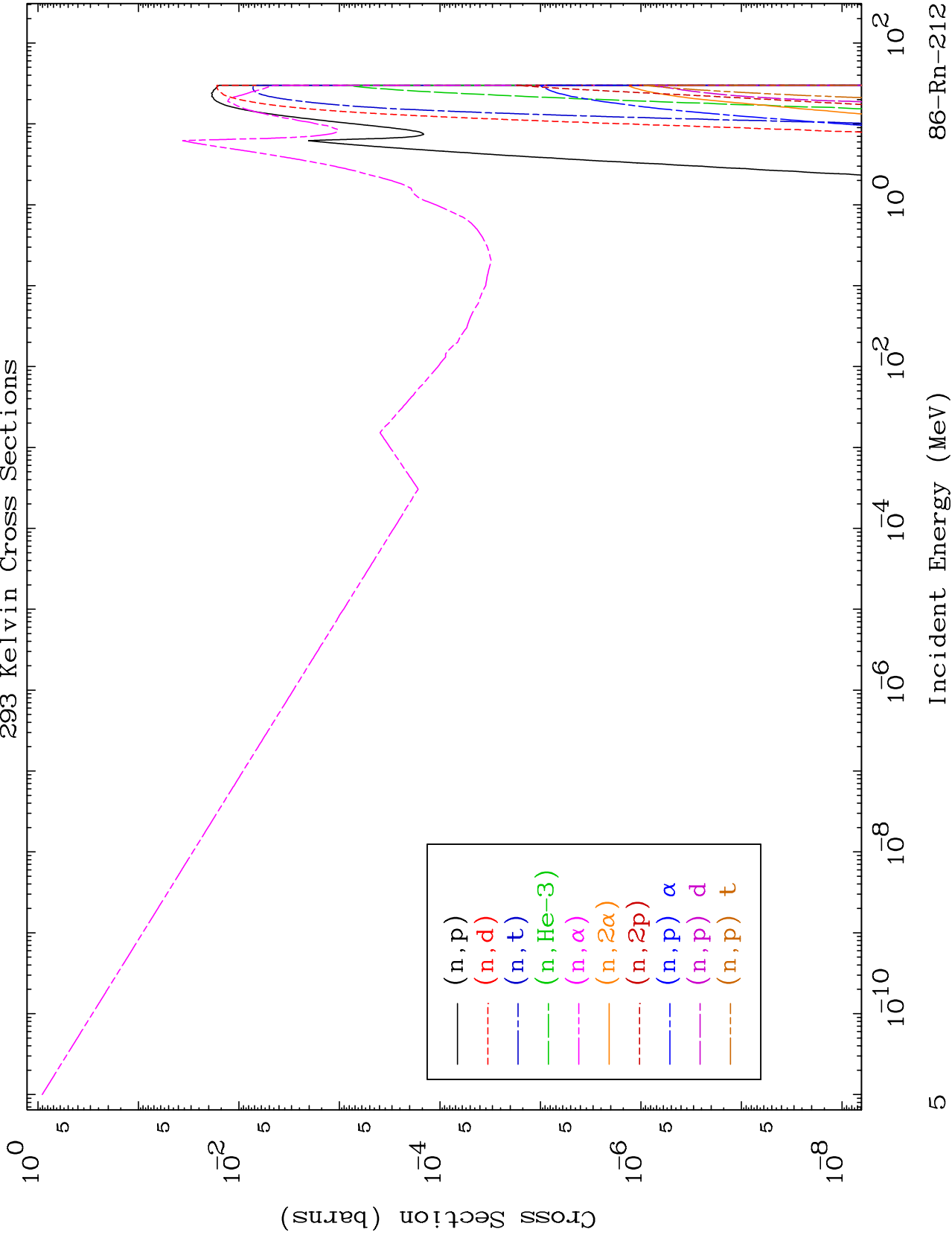
86-Rn-212



MAT 8628

Charged Particle
293 Kelvin Cross Sections

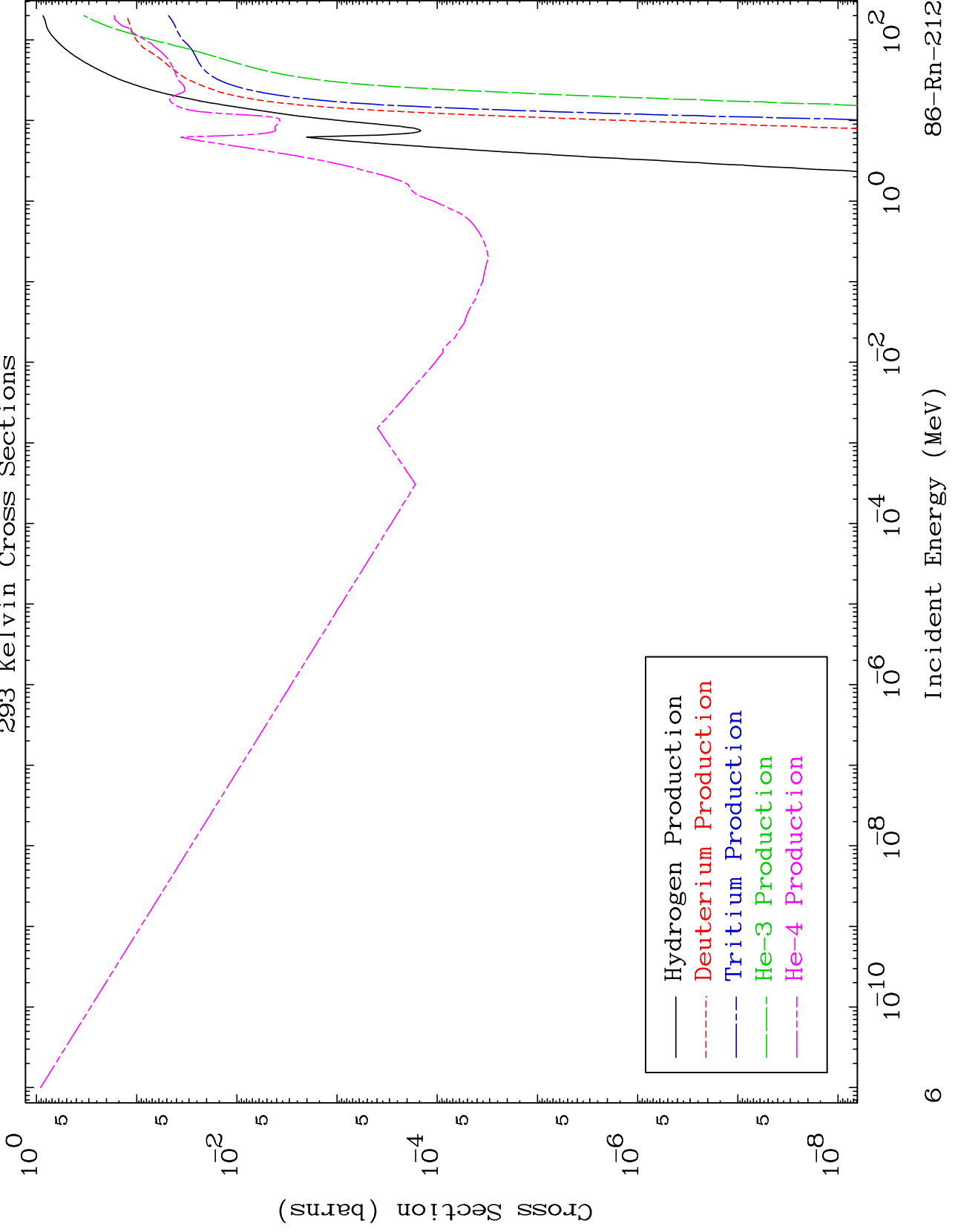
86-Rn-212



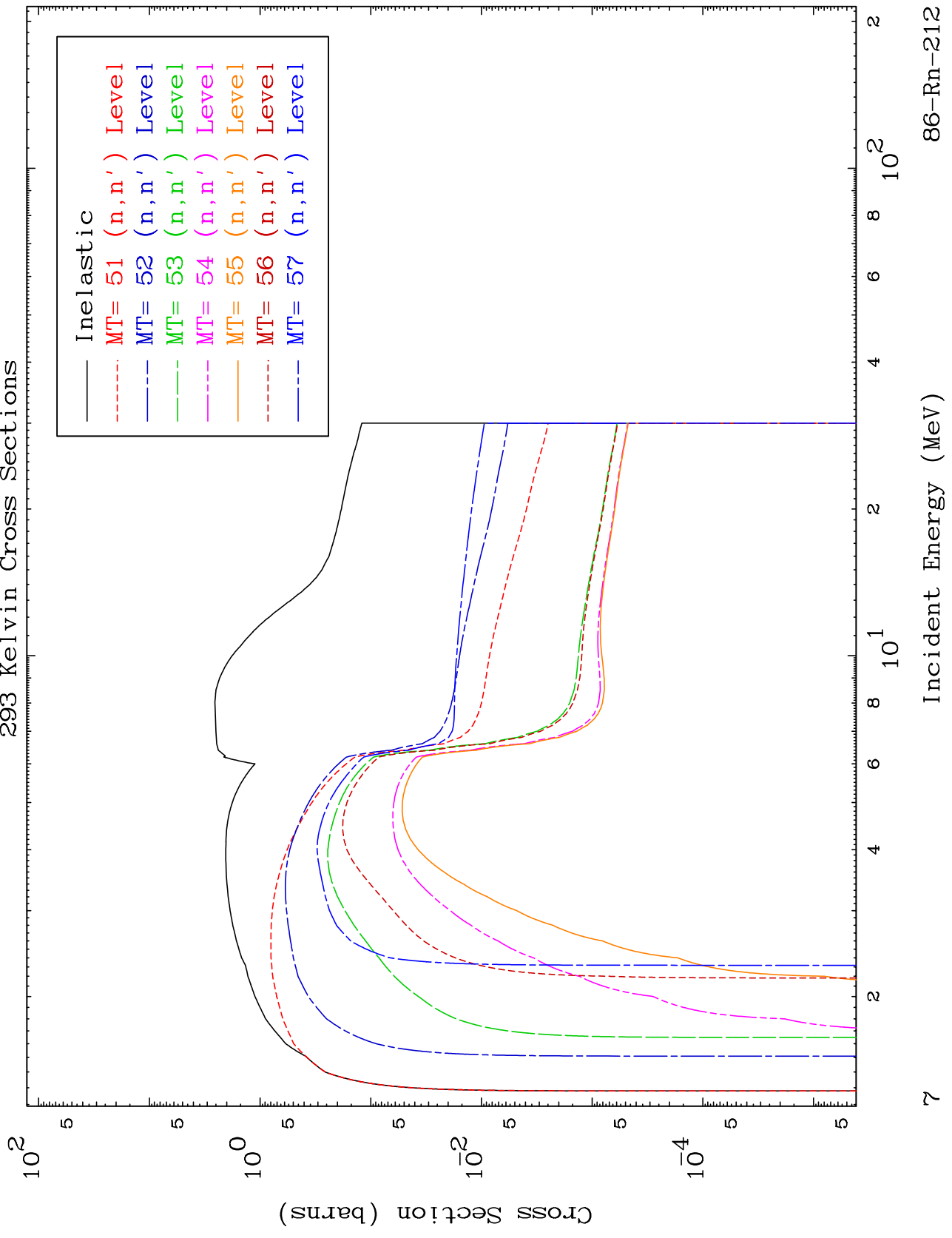
MAT 8628

Particle Production
293 Kelvin Cross Sections

86-Rn-212



293 Kelvin Cross Sections

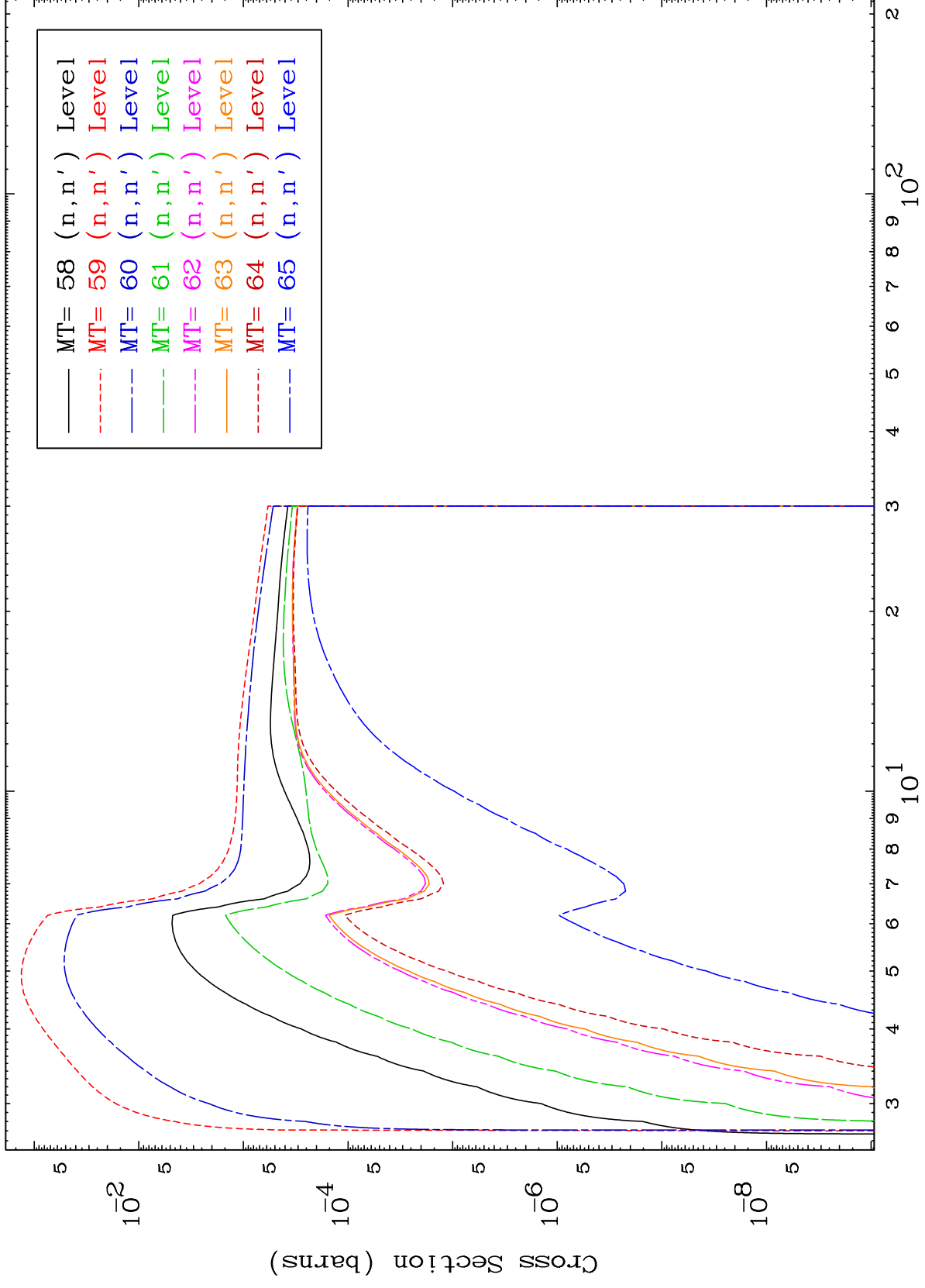


MAT 8628

(n,n') Level

86-Rn-212

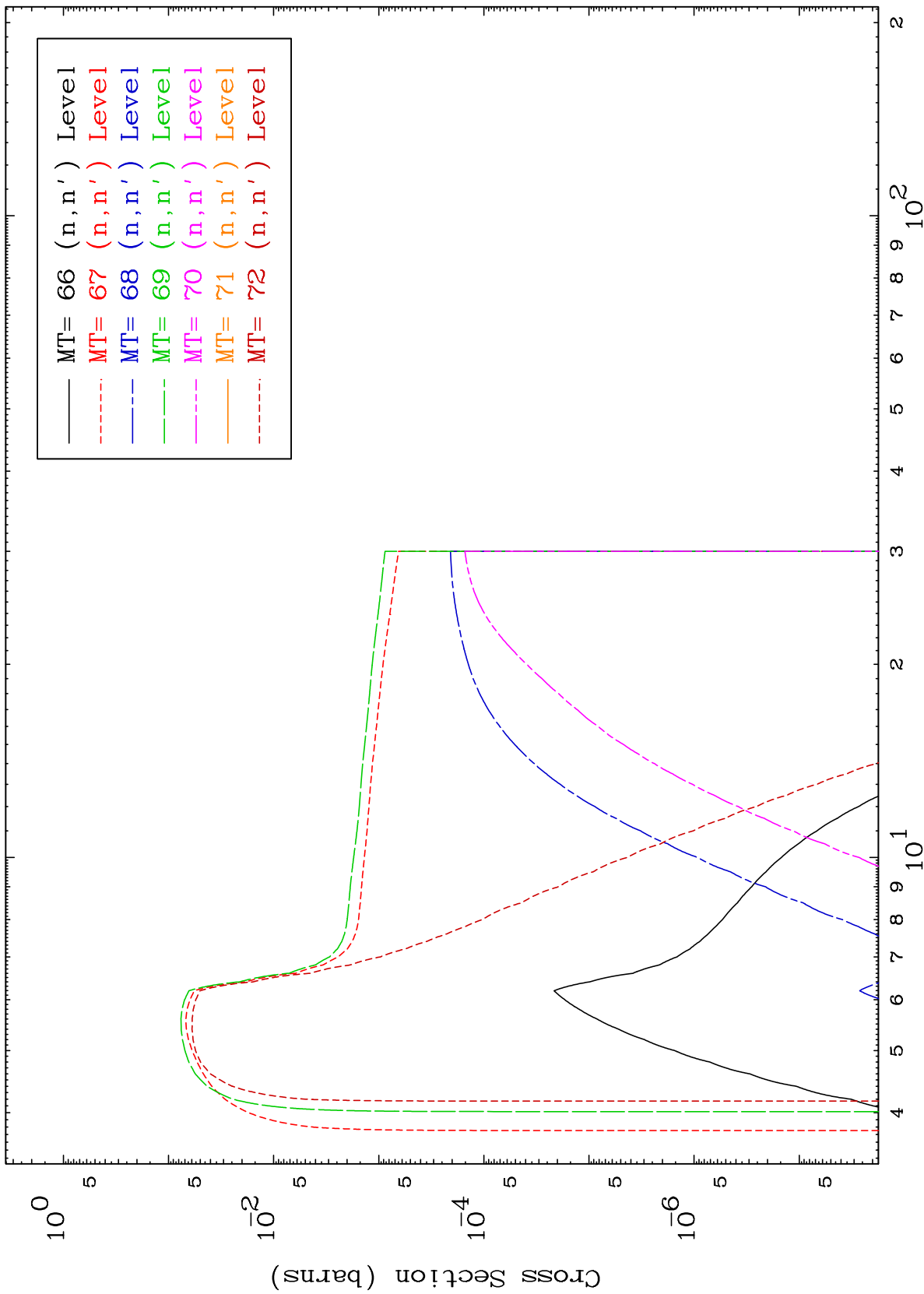
293 Kelvin Cross Sections



8

Incident Energy (MeV)

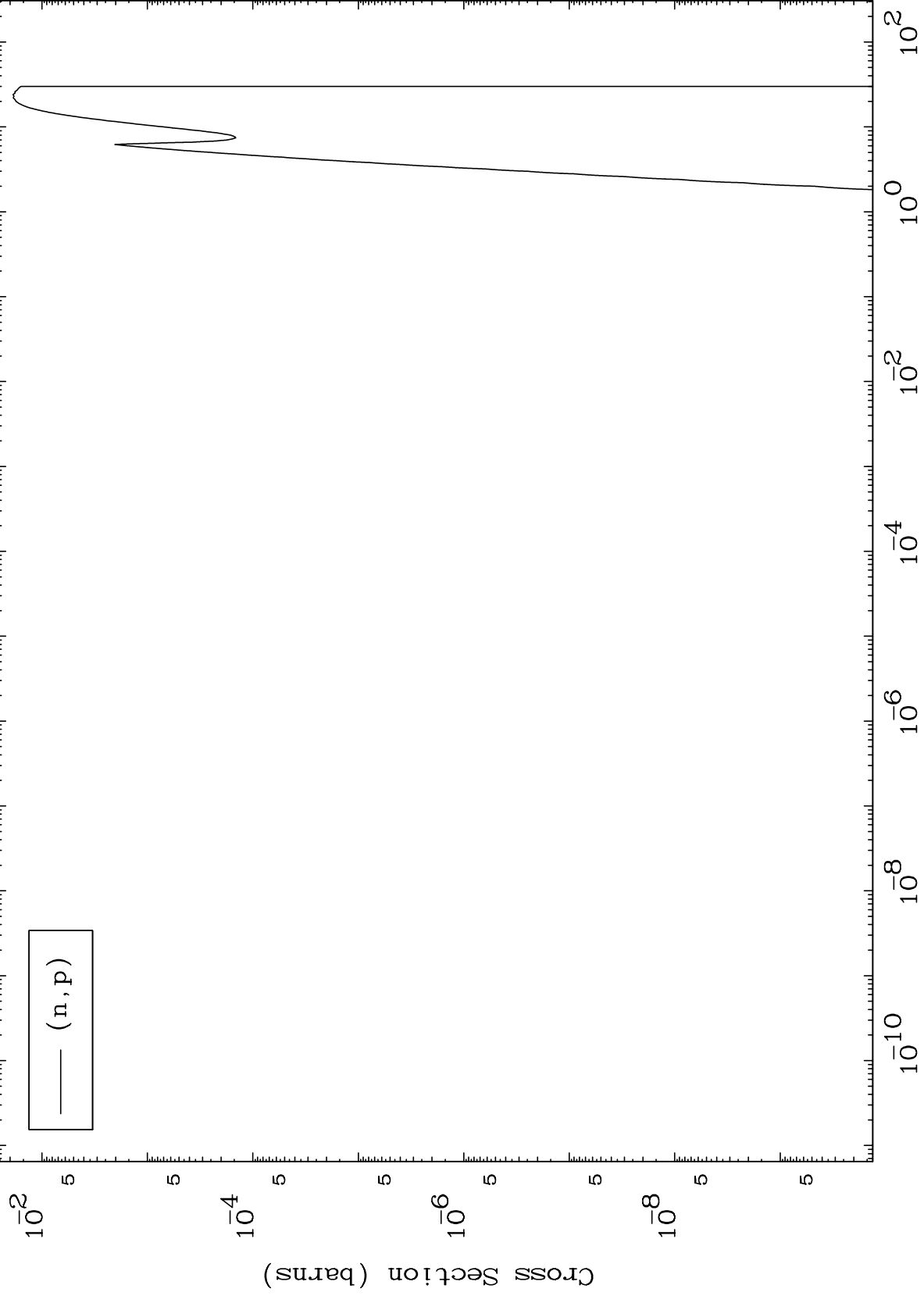
86-Rn-212



MAT 8628

(n,p) Levels
293 Kelvin Cross Sections

86-Rn-212



10

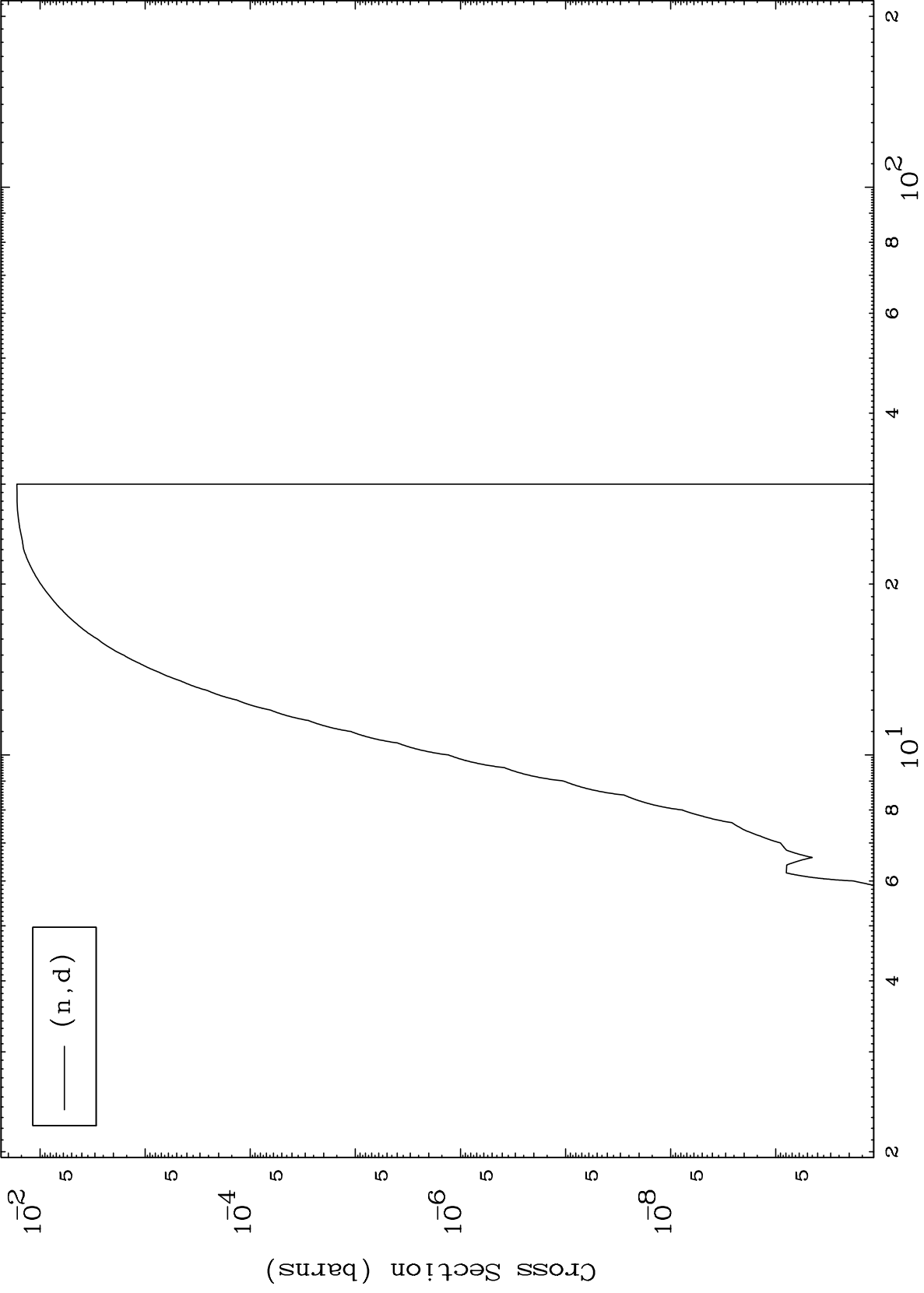
Incident Energy (MeV)

86-Rn-212

MAT 8628

(n,d) Levels
293 Kelvin Cross Sections

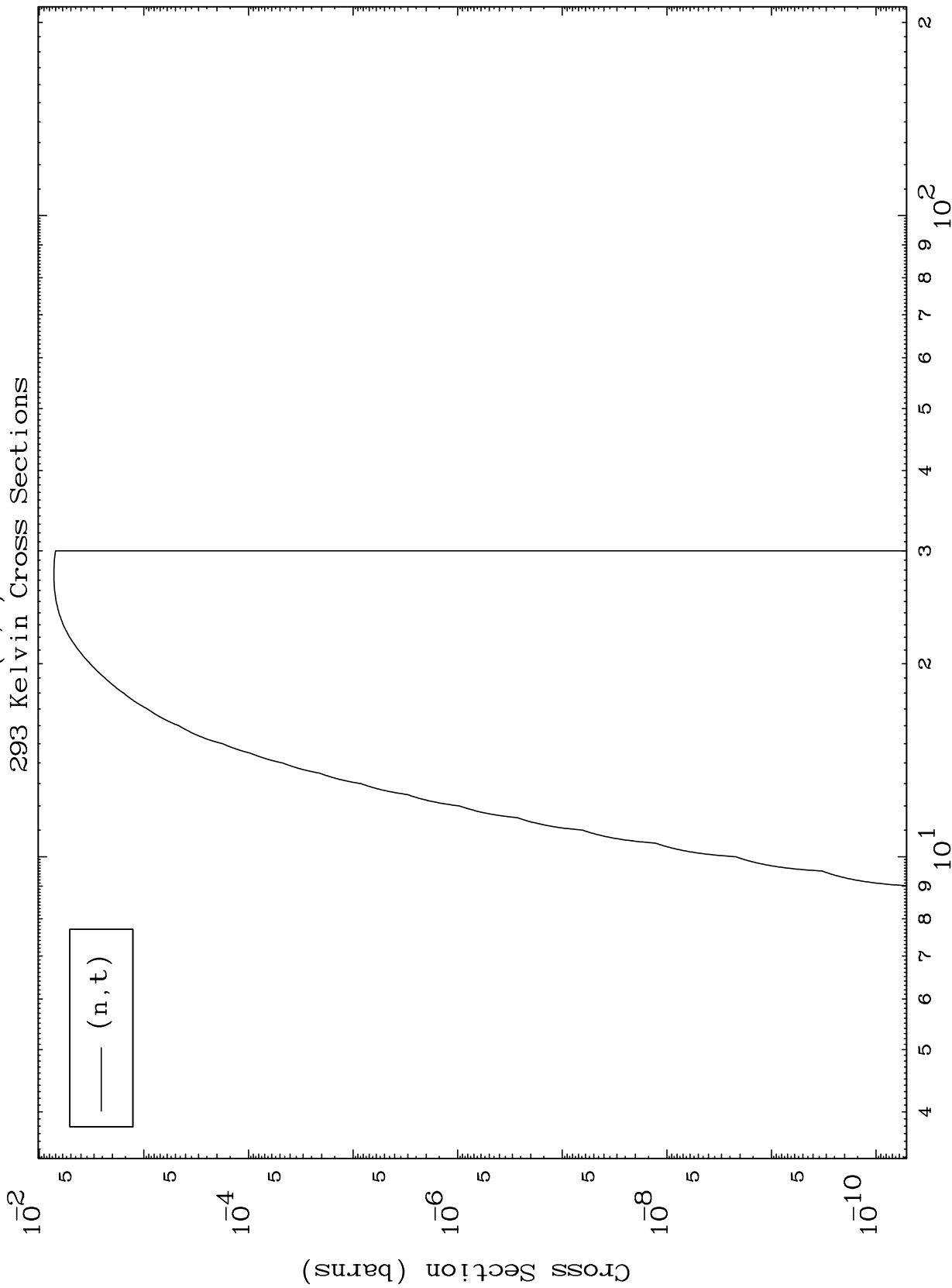
86-Rn-212



MAT 8628

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-212



12

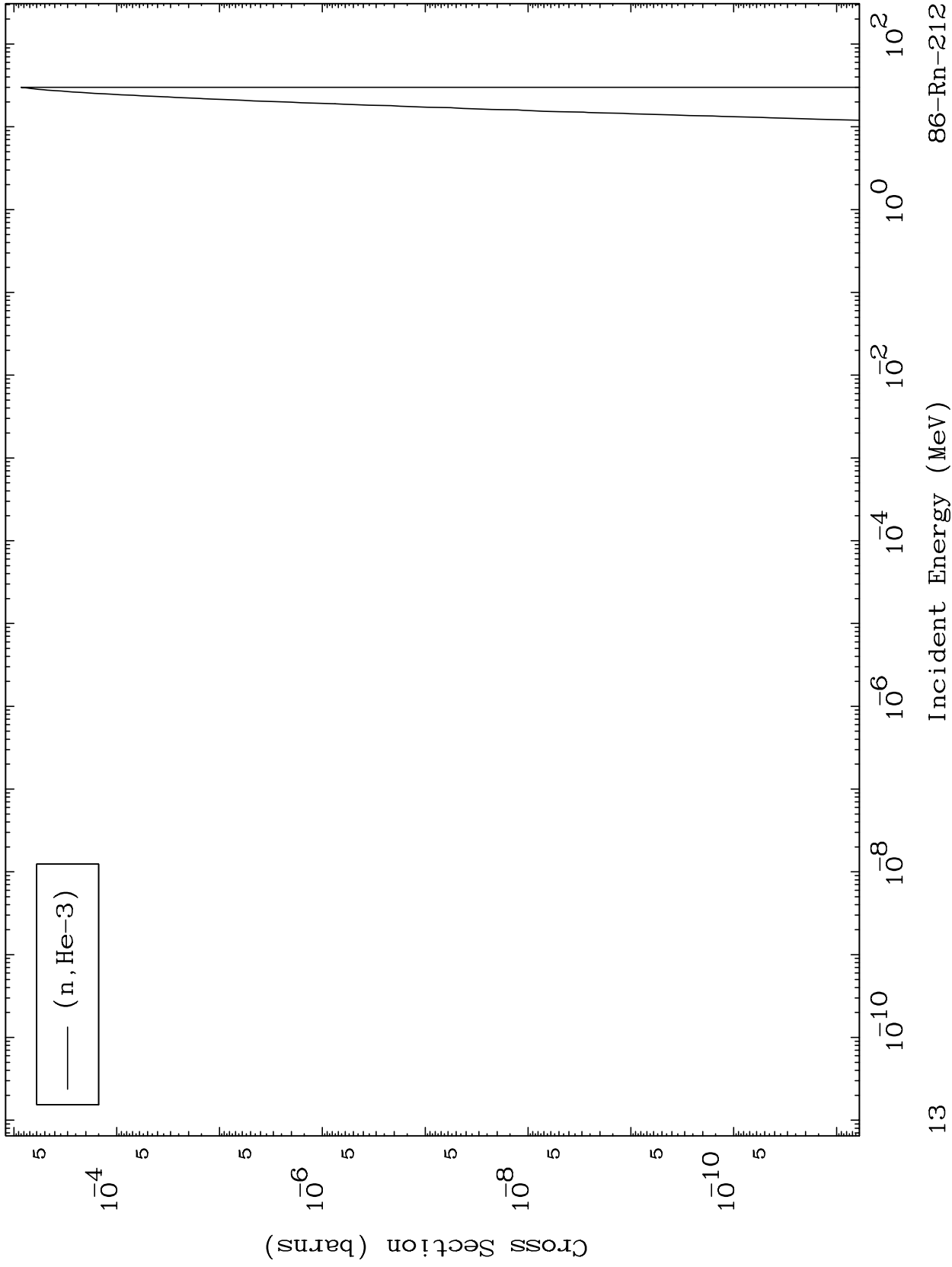
Incident Energy (MeV)

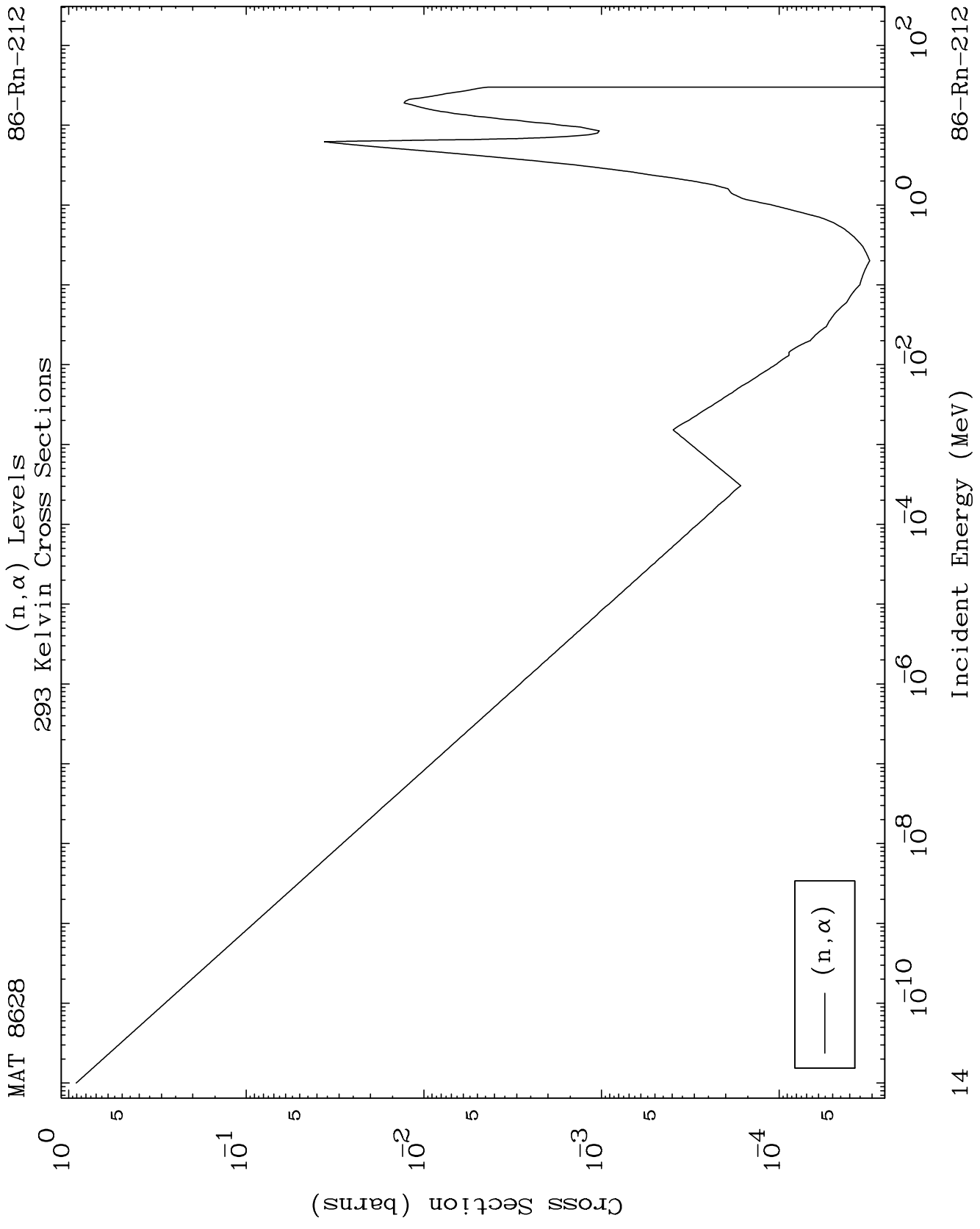
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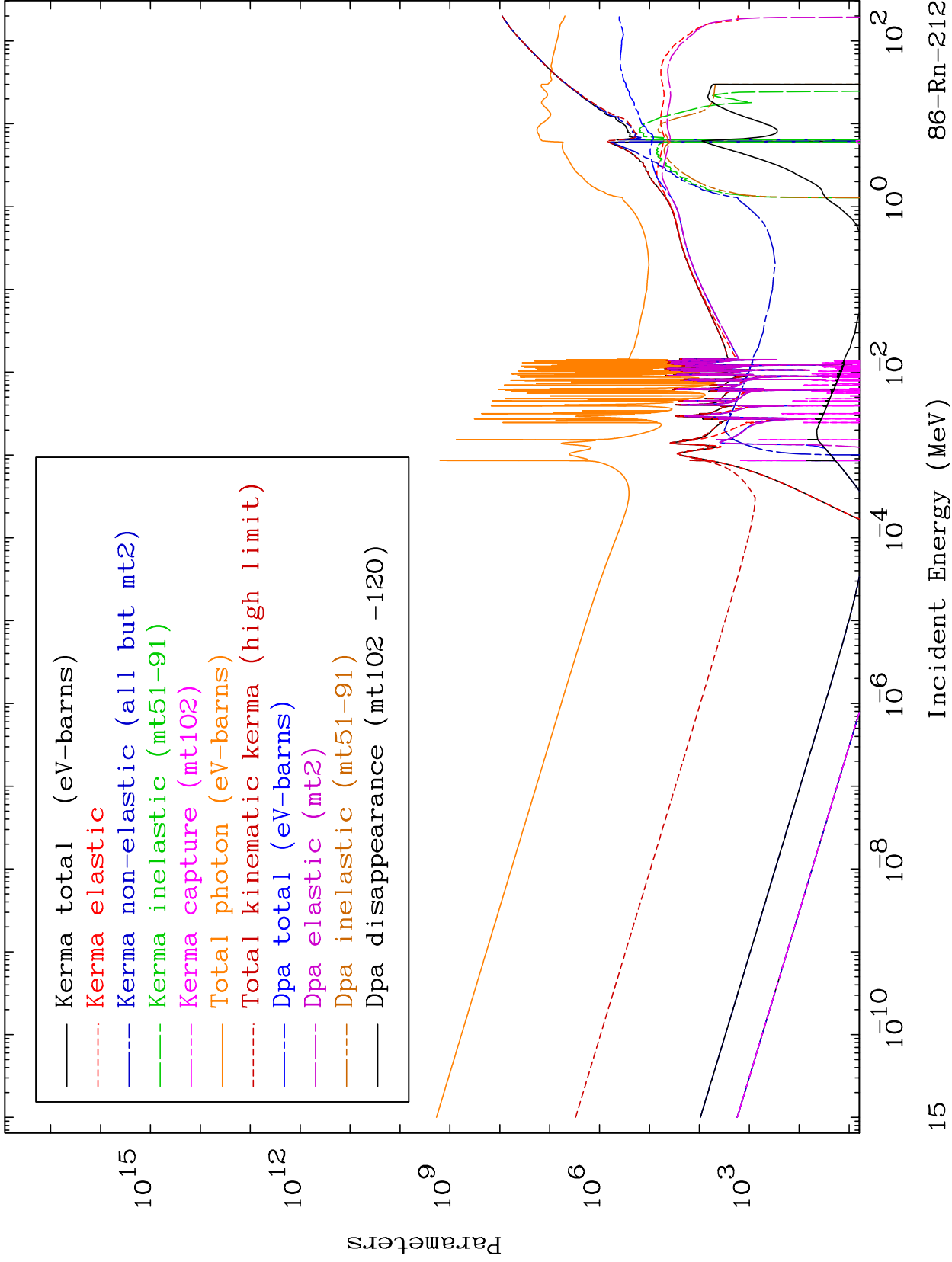
MAT 8628

(n,He3) Levels
293 Kelvin Cross Sections

86-Rn-212



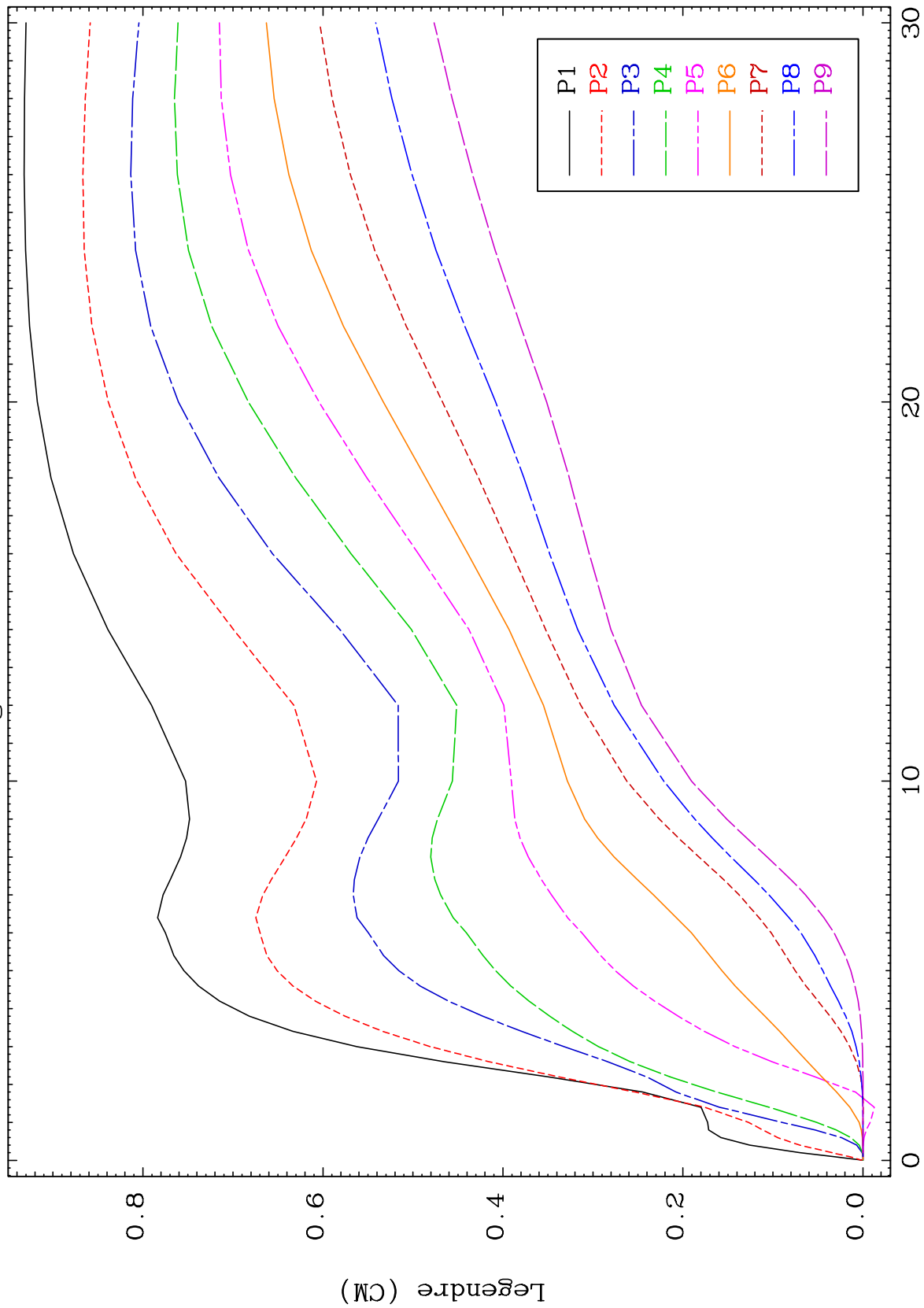




MAT 8628

Elastic Legendre Coefficients

86-Rn-212



16

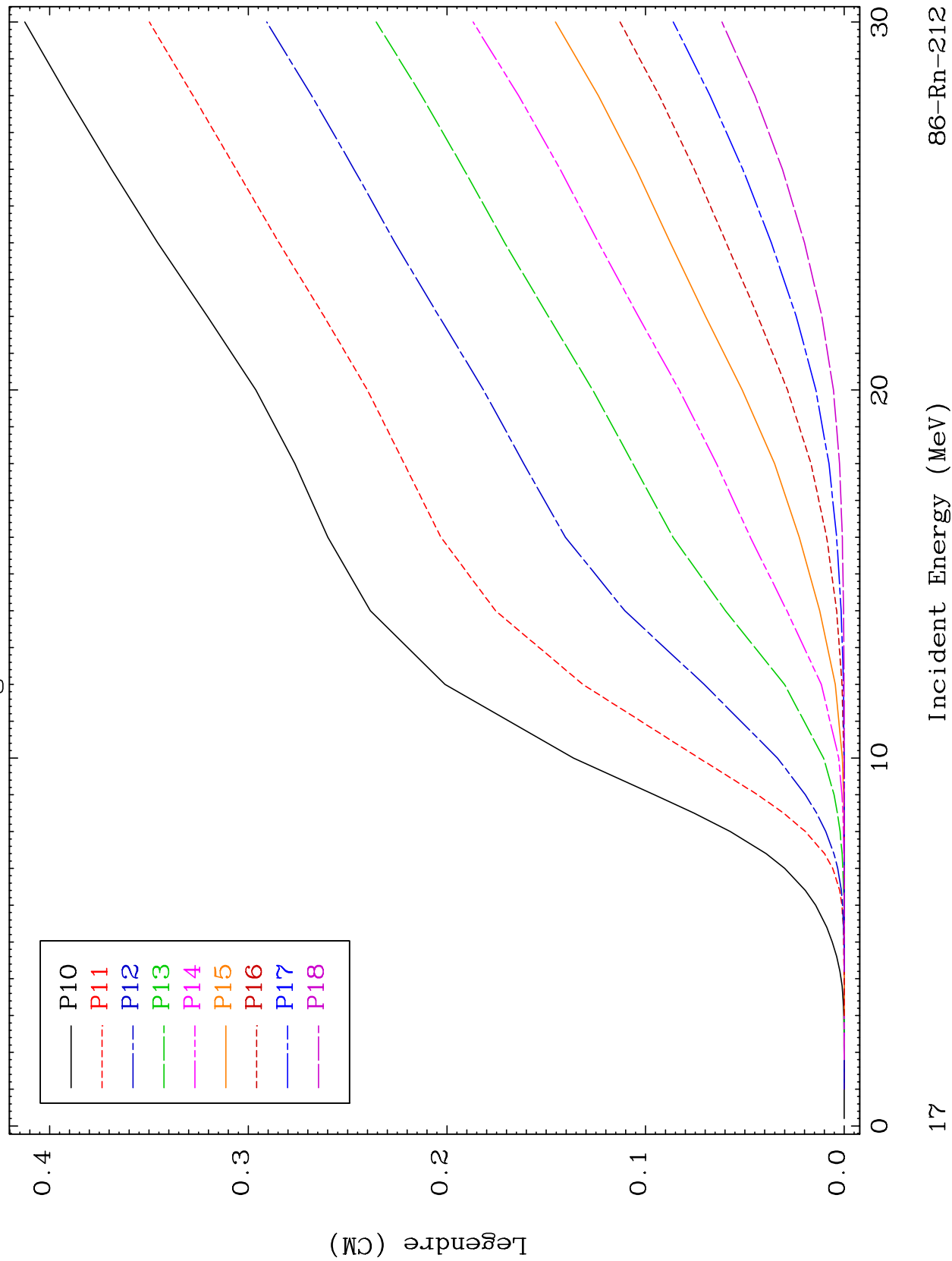
Incident Energy (MeV)

86-Rn-212

MAT 8628

Elastic Legendre Coefficients

86-Rn-212



17

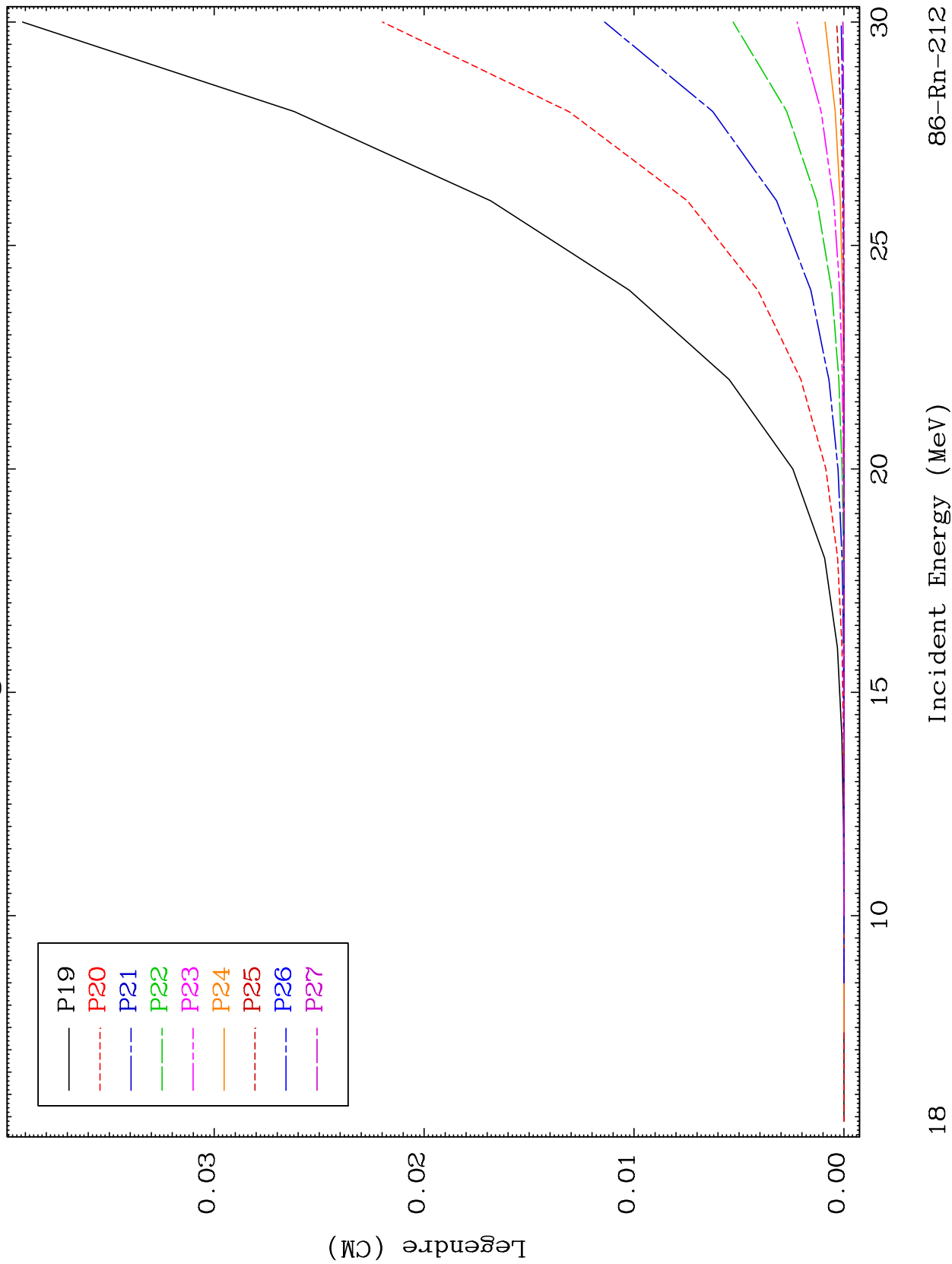
Incident Energy (MeV)

86-Rn-212

MAT 8628

Elastic Legendre Coefficients

86-Rn-212



18

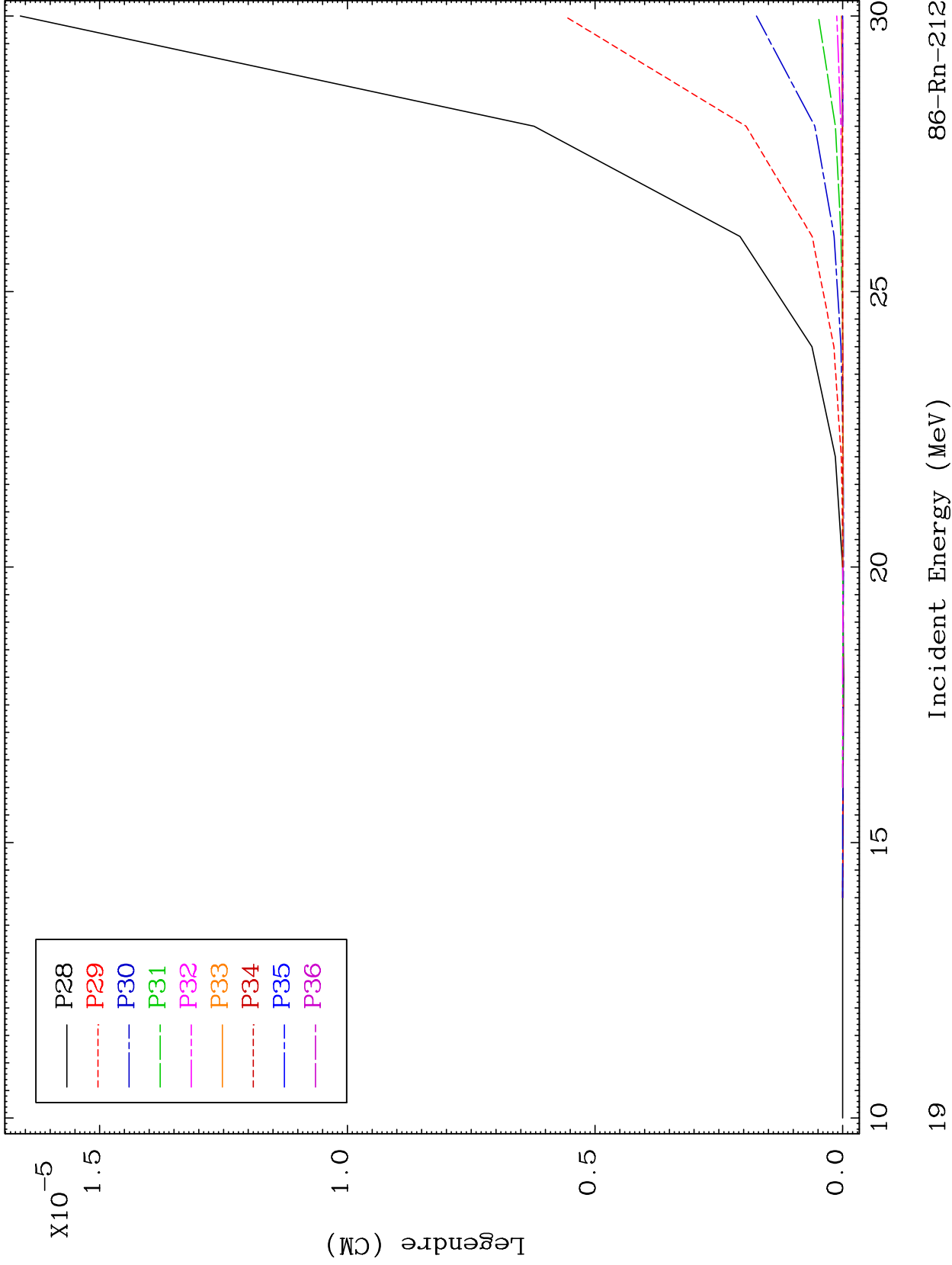
Incident Energy (MeV)

86-Rn-212

MAT 8628

Elastic Legendre Coefficients

86-Rn-212



19

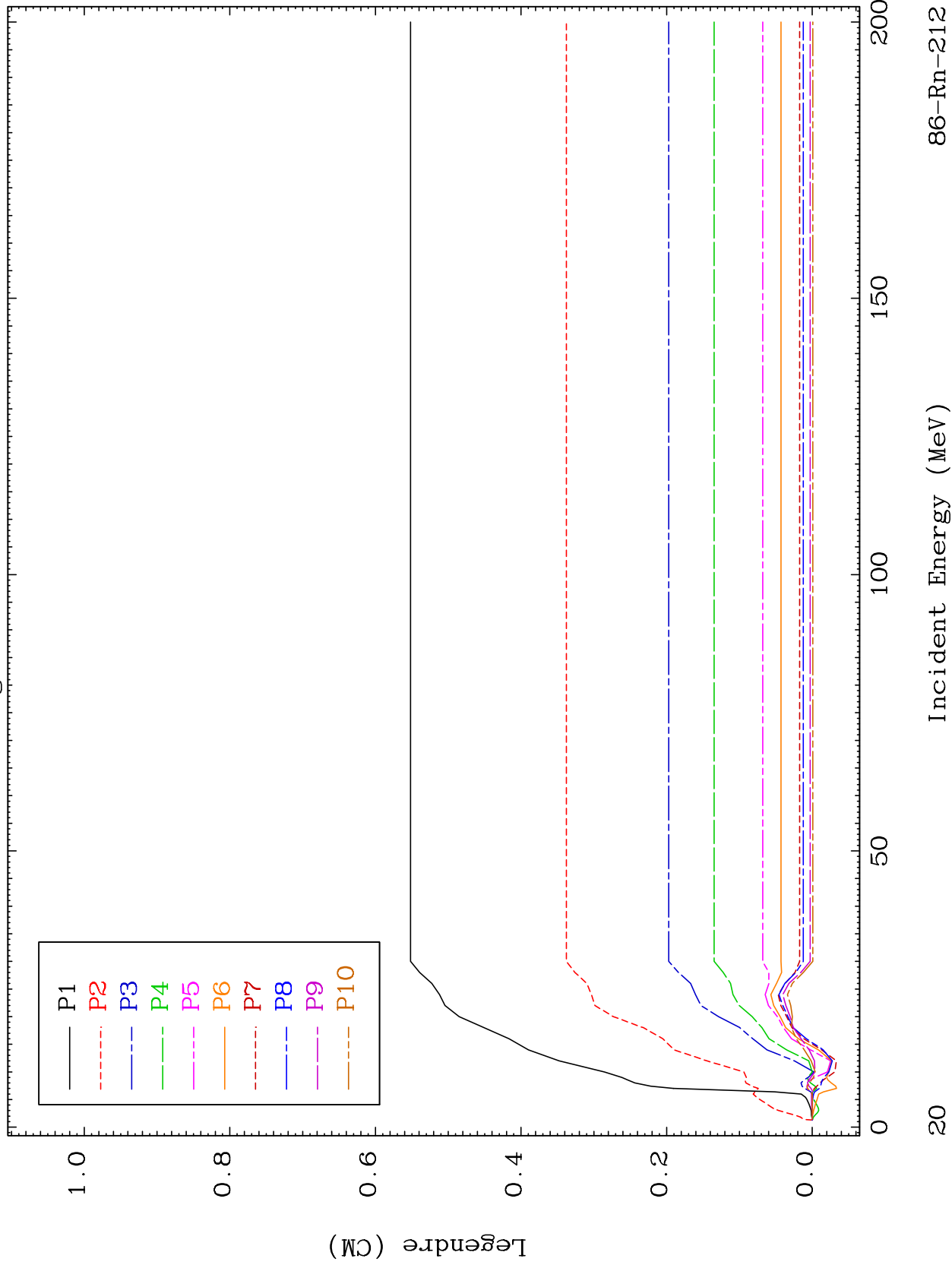
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212

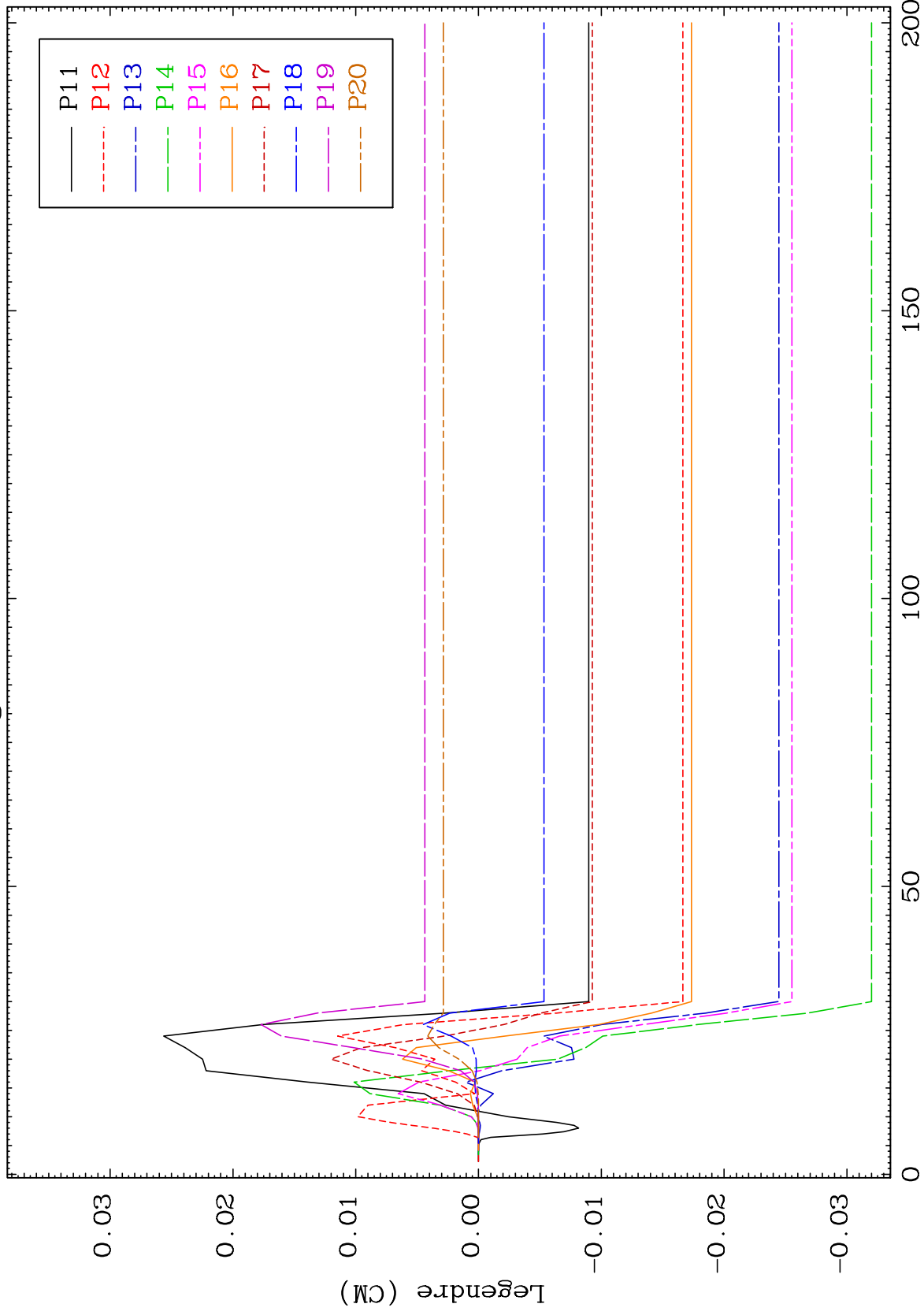


86-Rn-212

MAT 8628

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

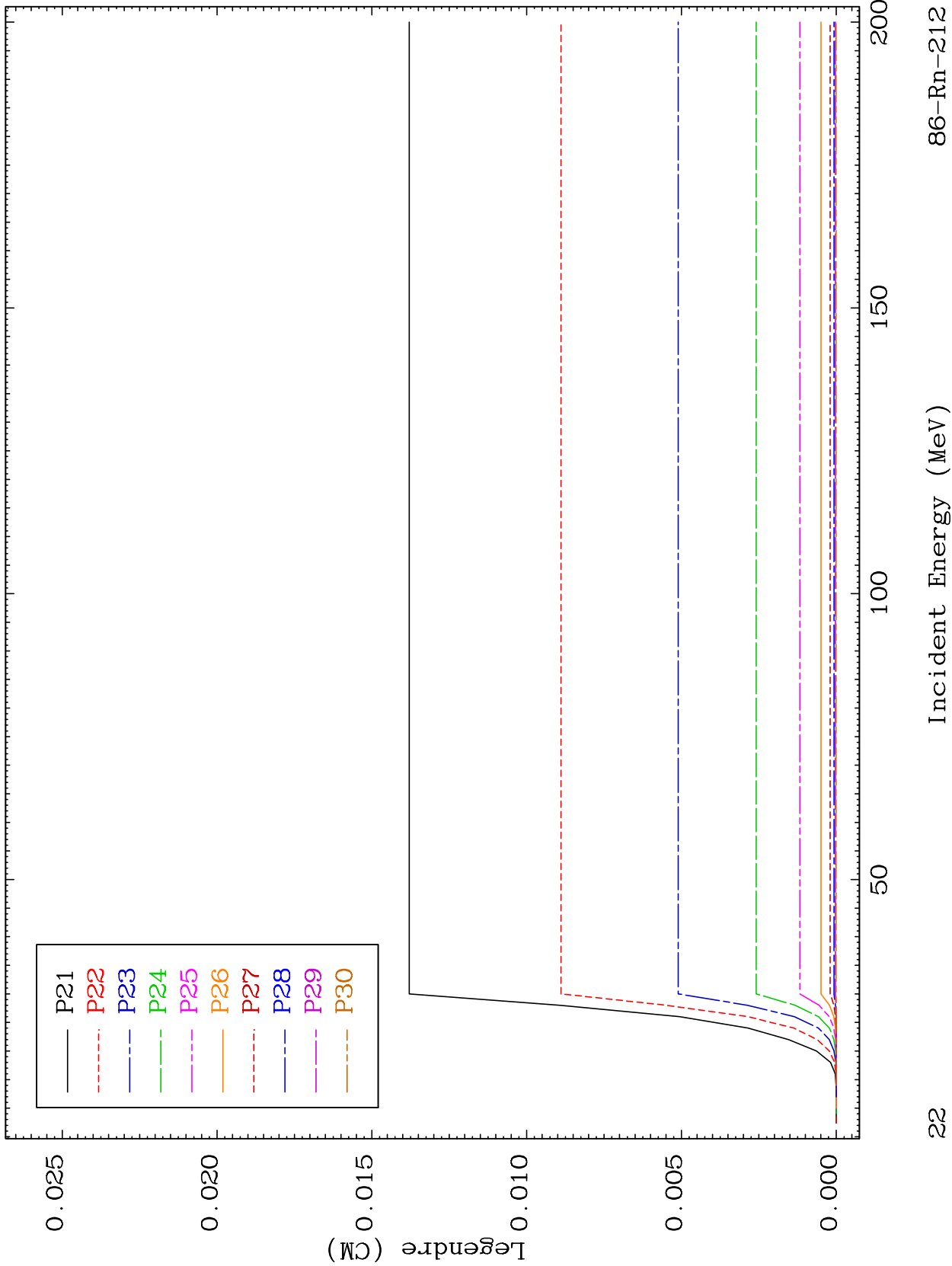
86-Rn-212



21

Incident Energy (MeV)

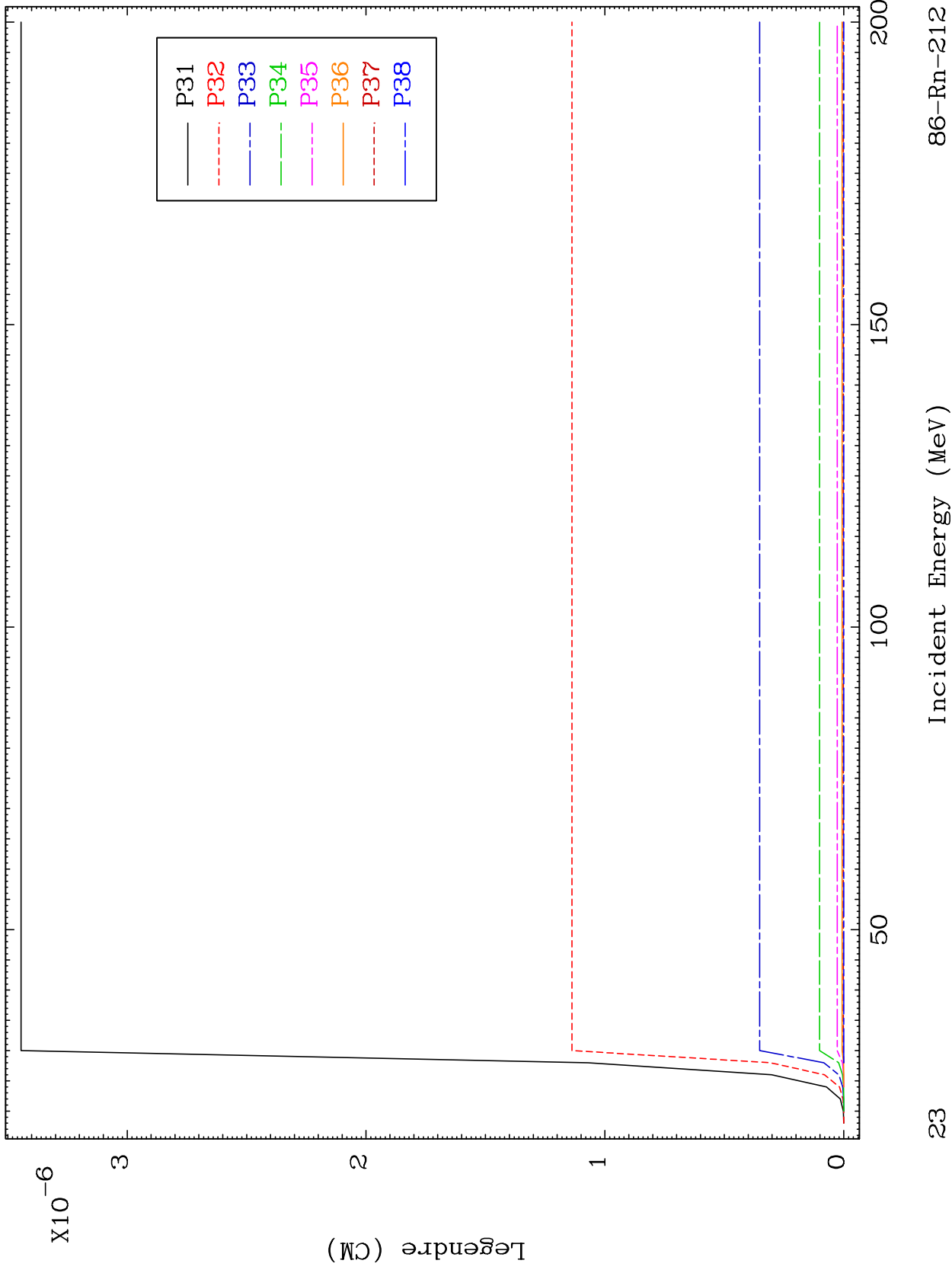
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MAT 8628

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

86-Rn-212



23

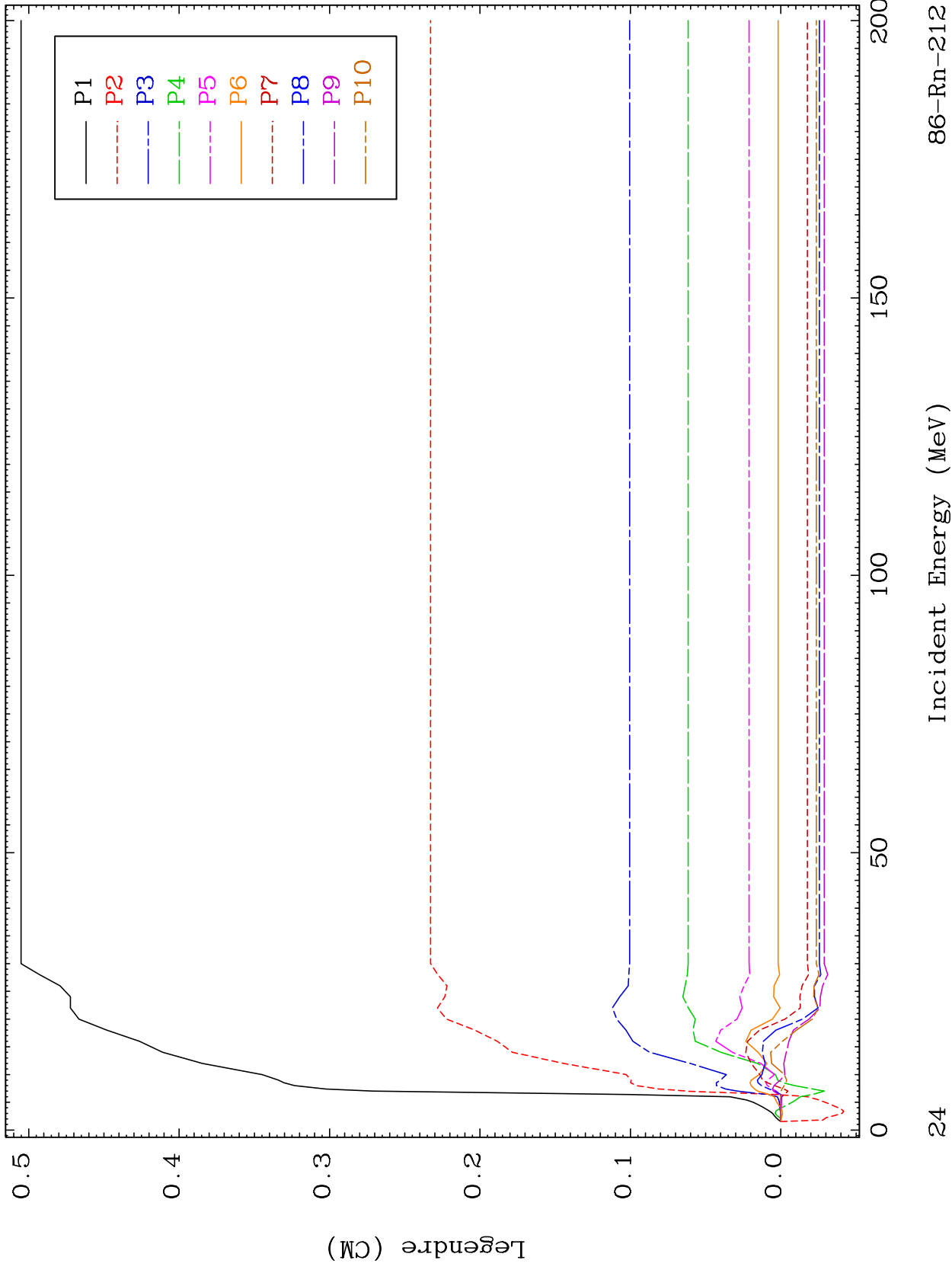
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

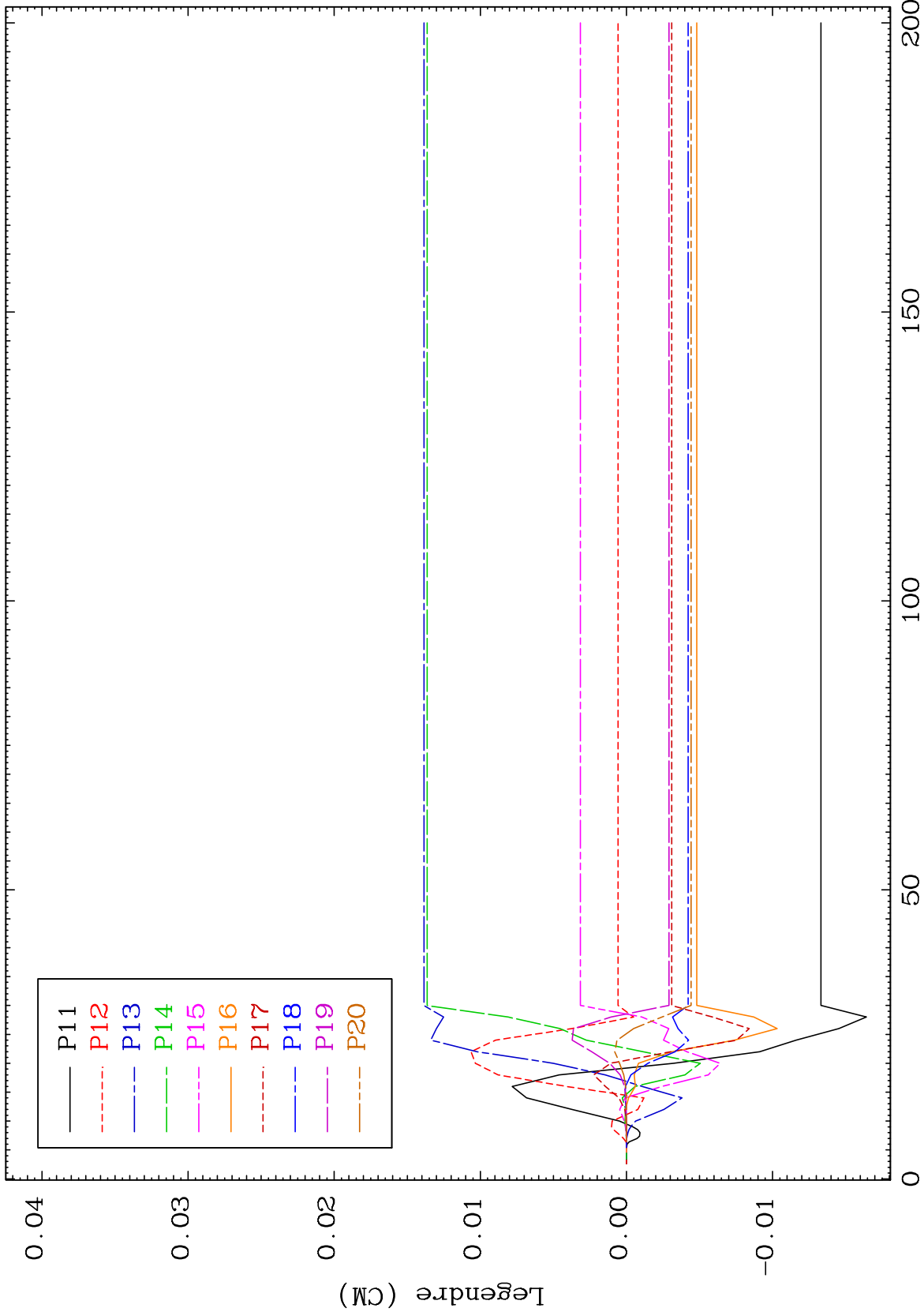
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MAT 8628

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

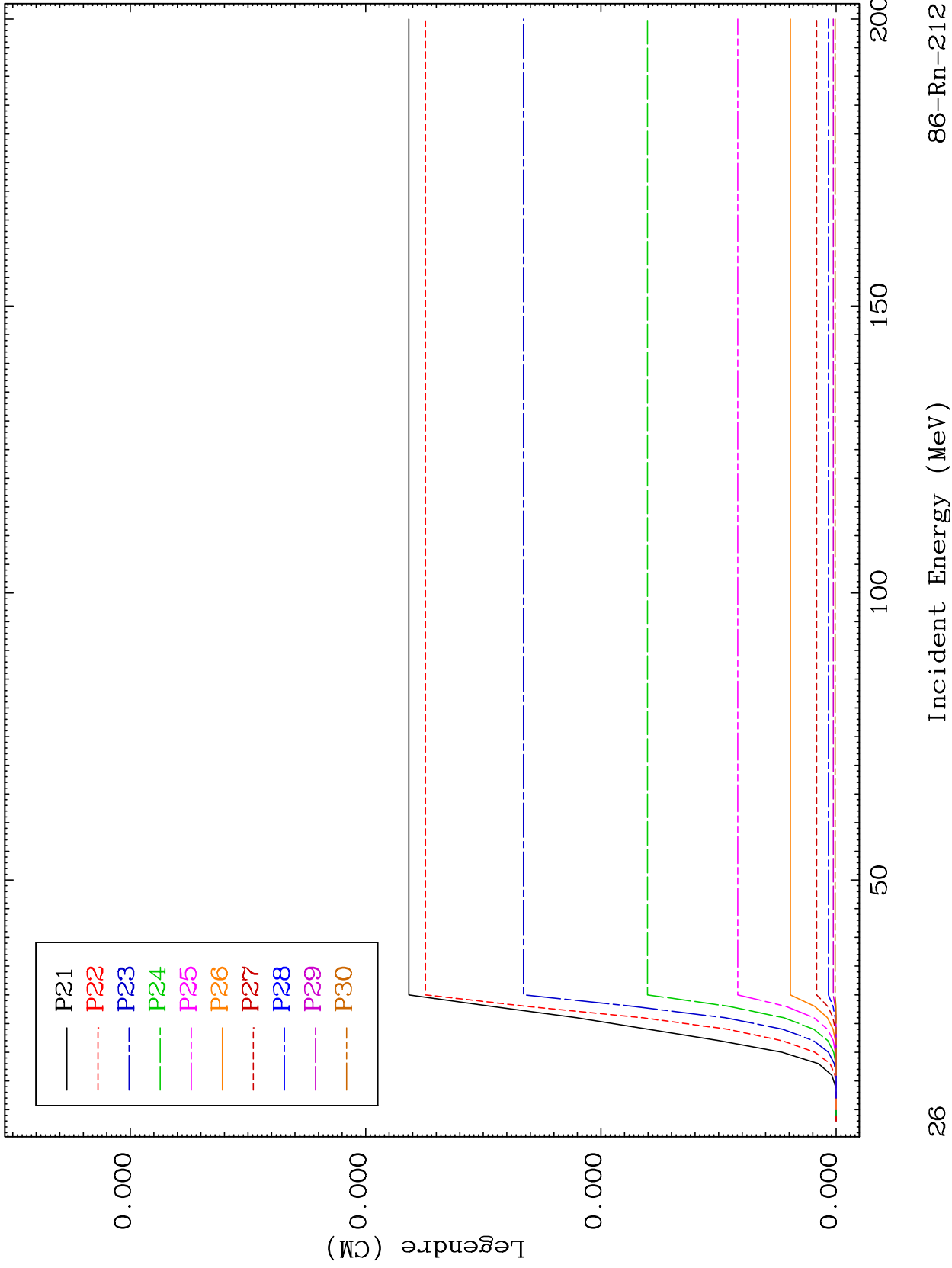
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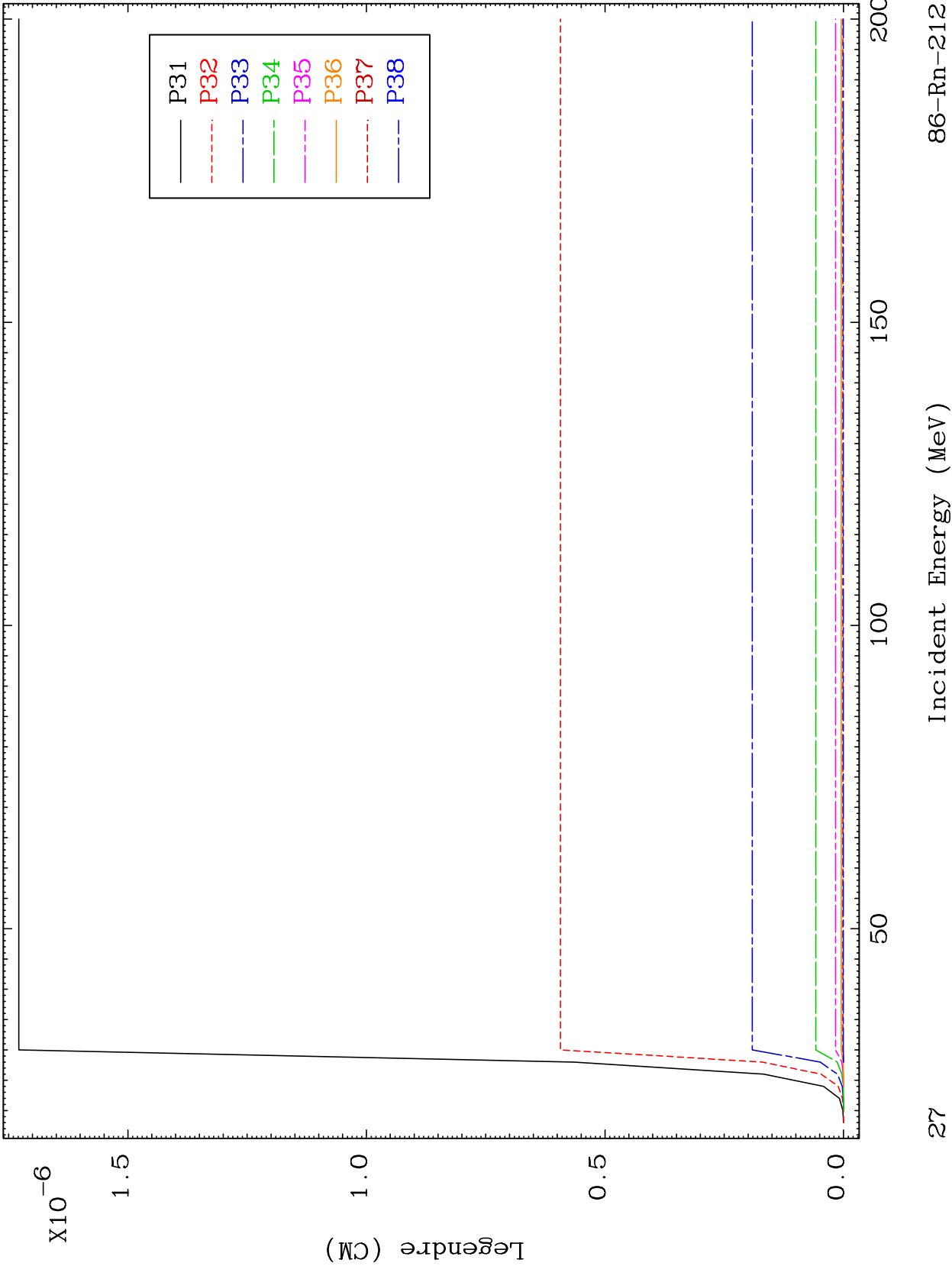


25

Incident Energy (MeV)

86-Rn-212

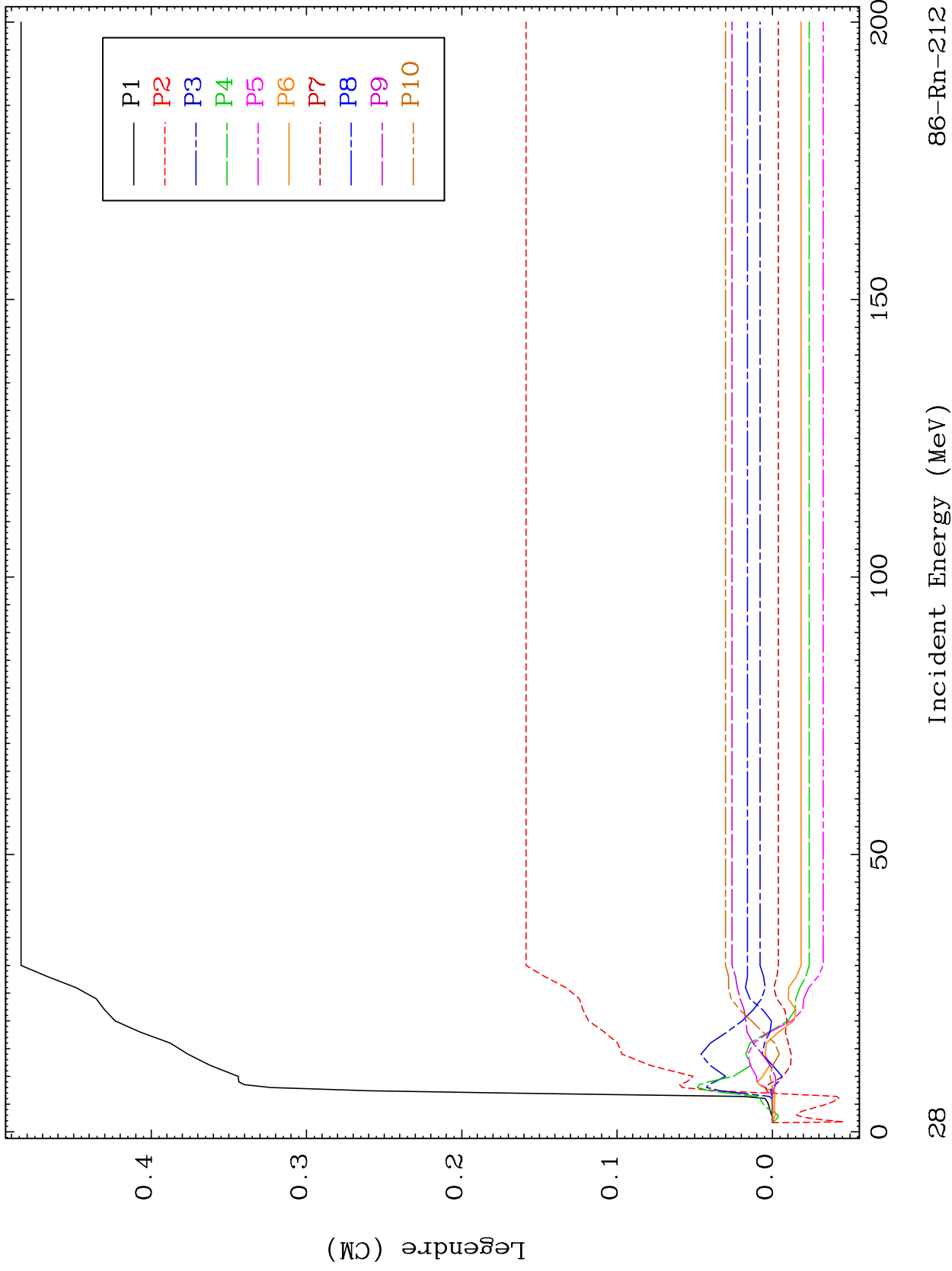




MAT 8628

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

86-Rn-212



86-Rn-212

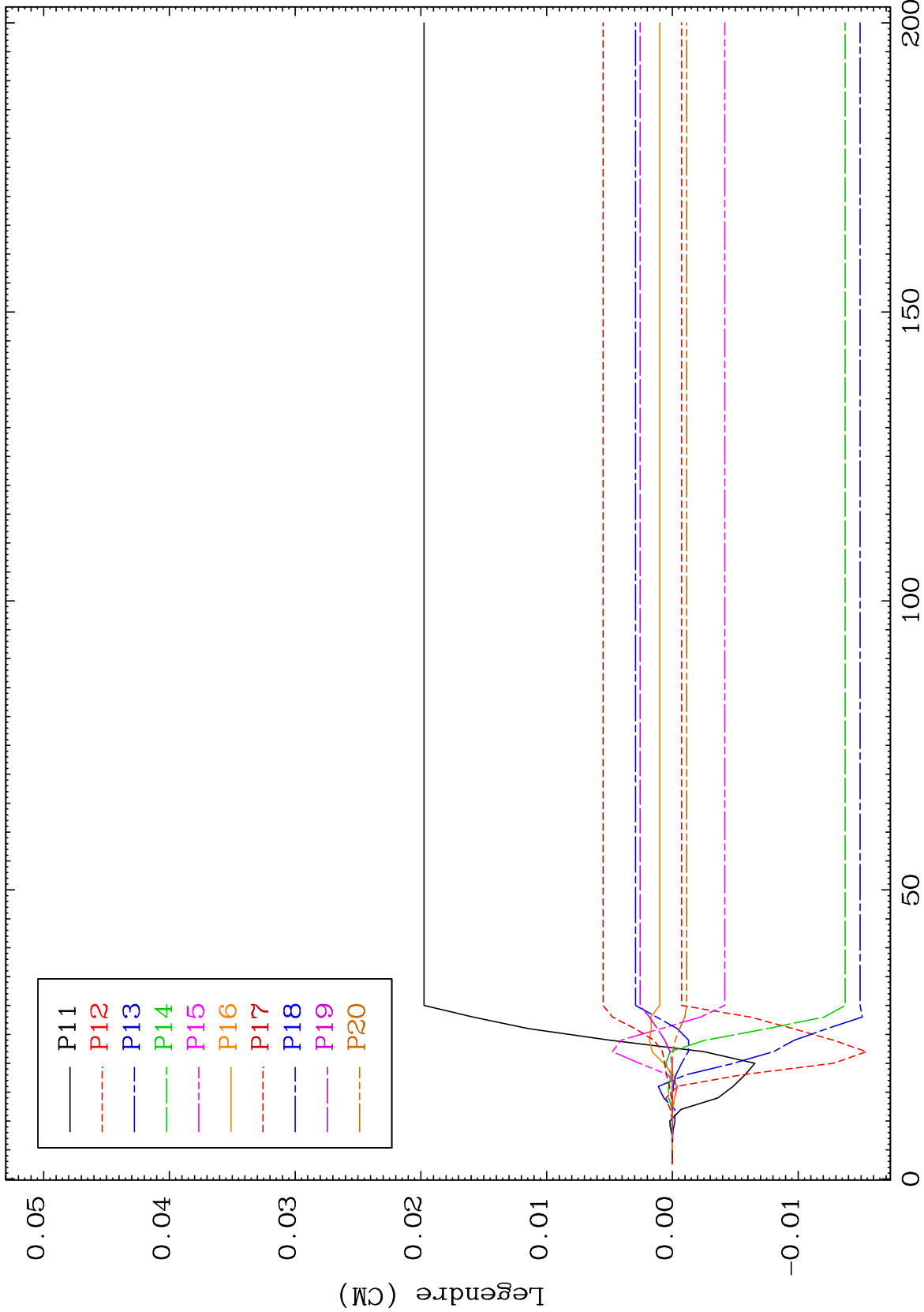
Incident Energy (MeV)

28

MAT 8628

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

86-Rn-212



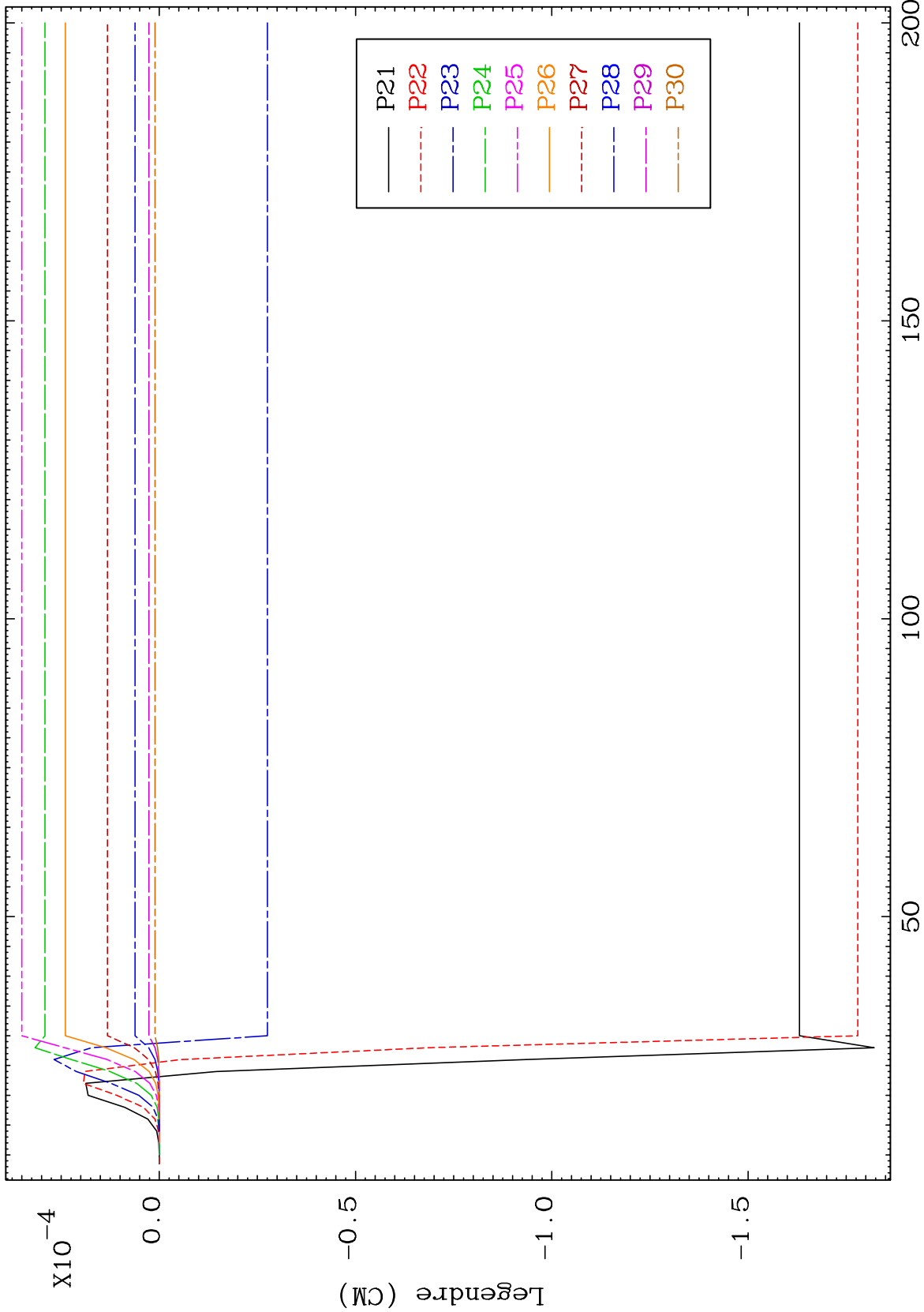
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86-Rn-212

MAT 8628

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

86-Rn-212



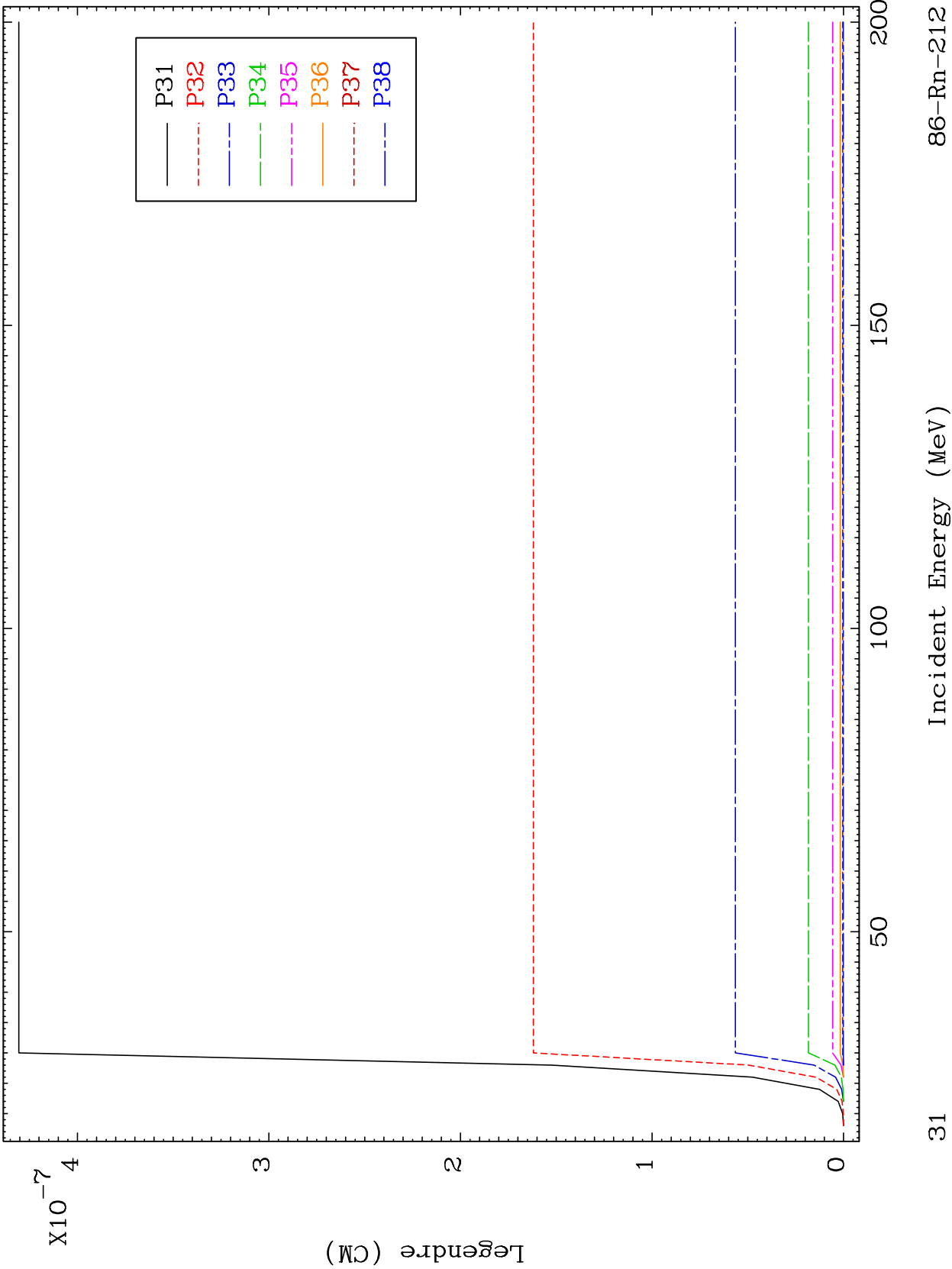
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86-Rn-212

MAT 8628

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

86-Rn-212



31

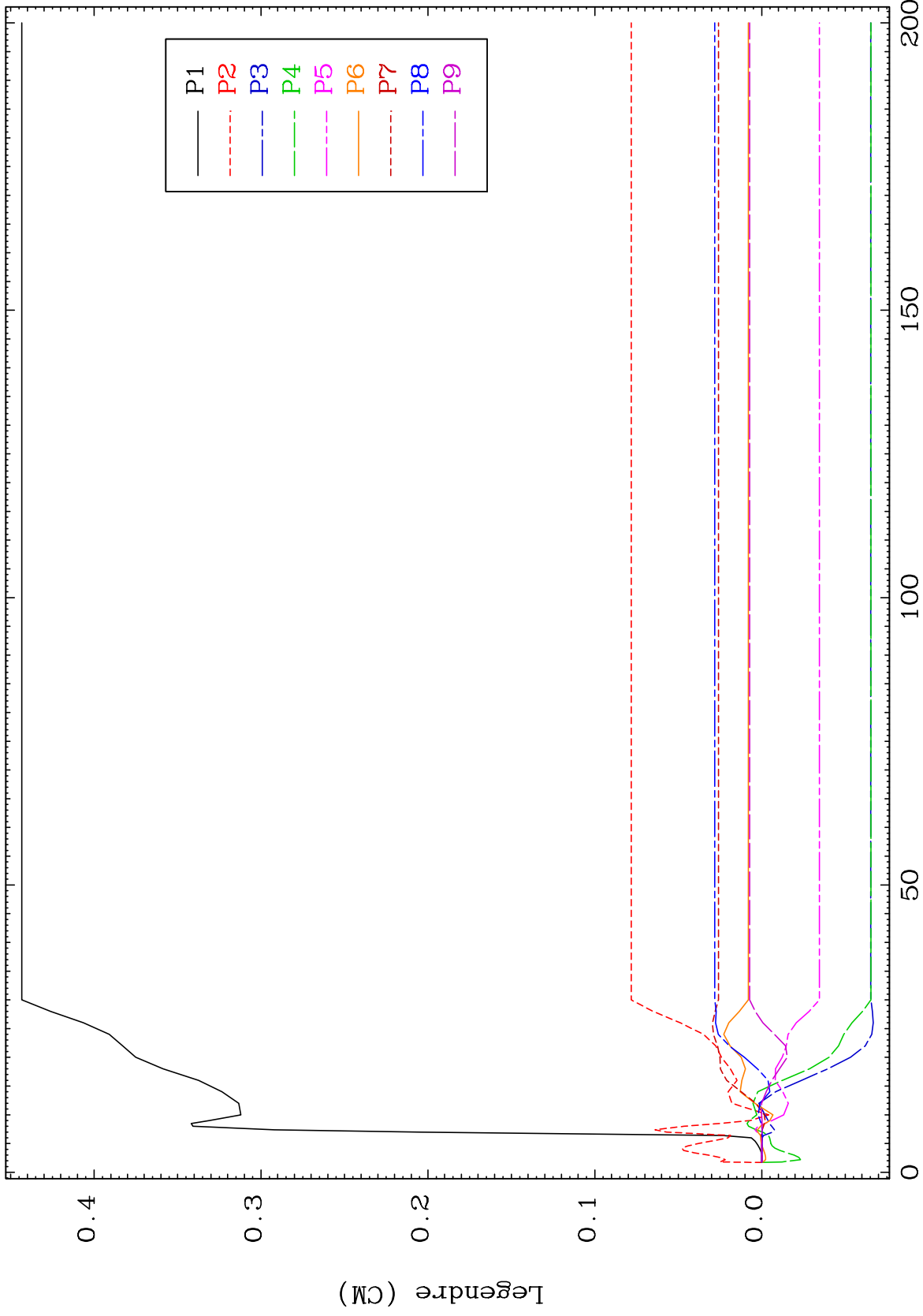
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



32

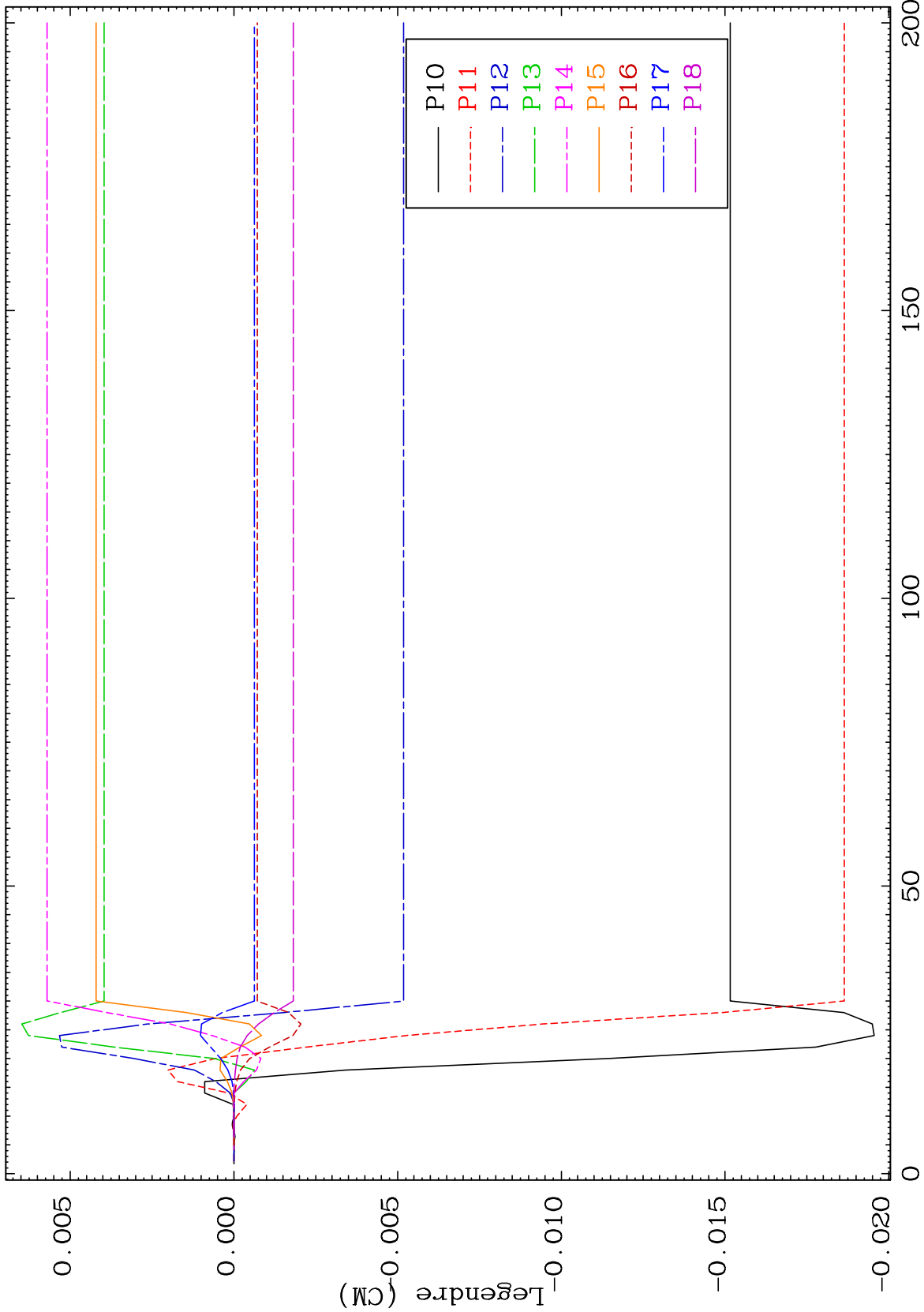
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



33

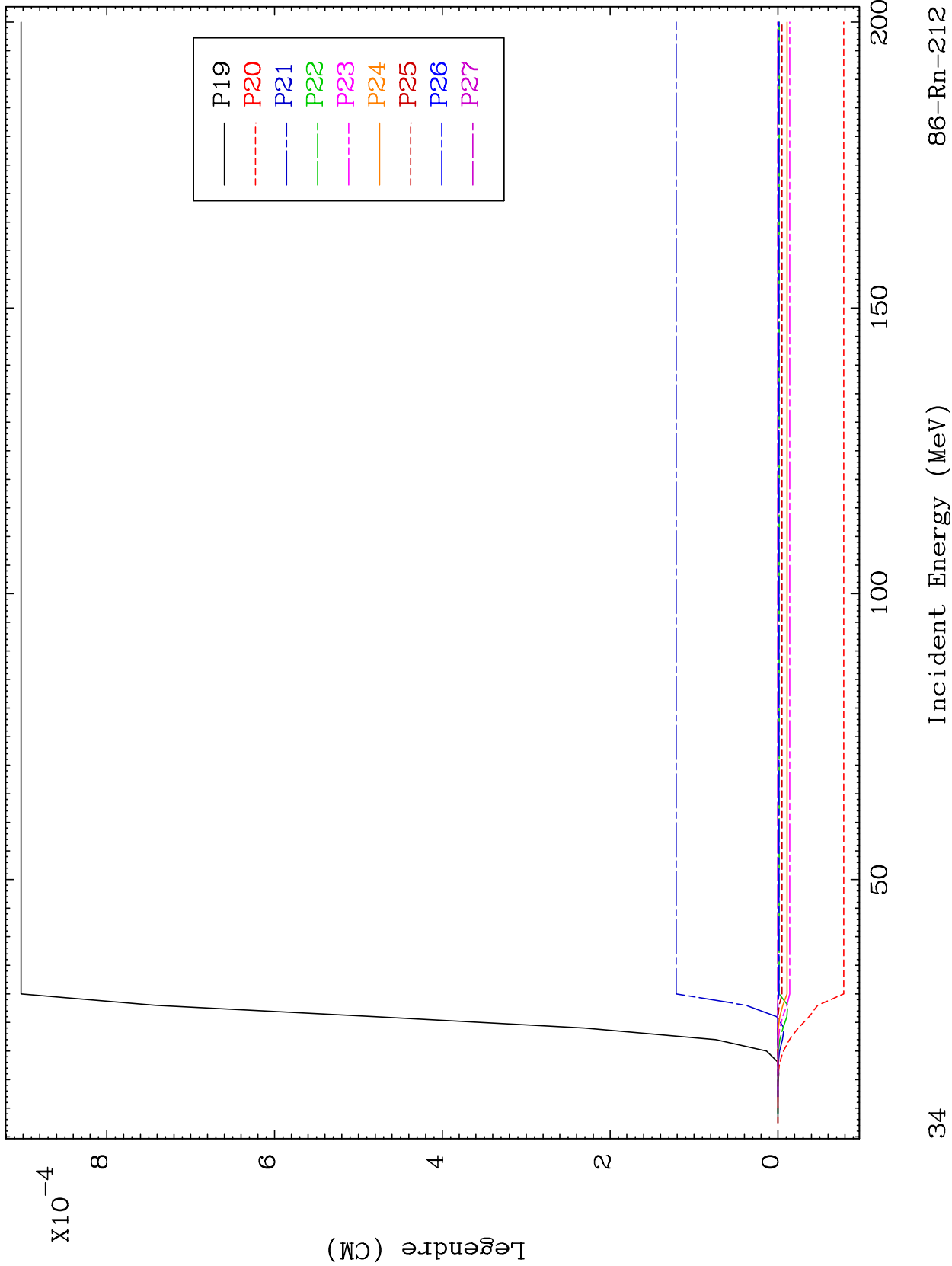
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



34

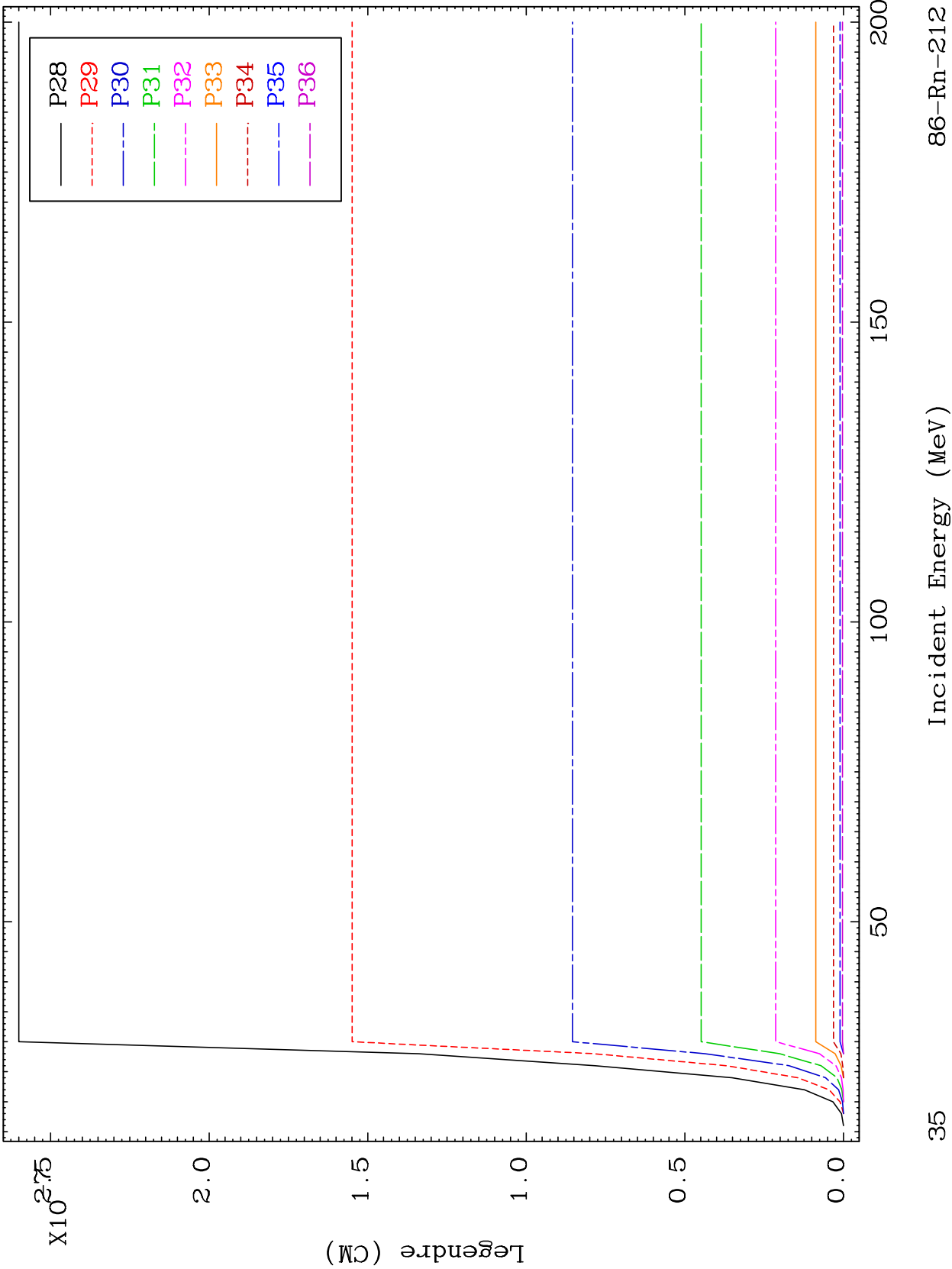
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



35

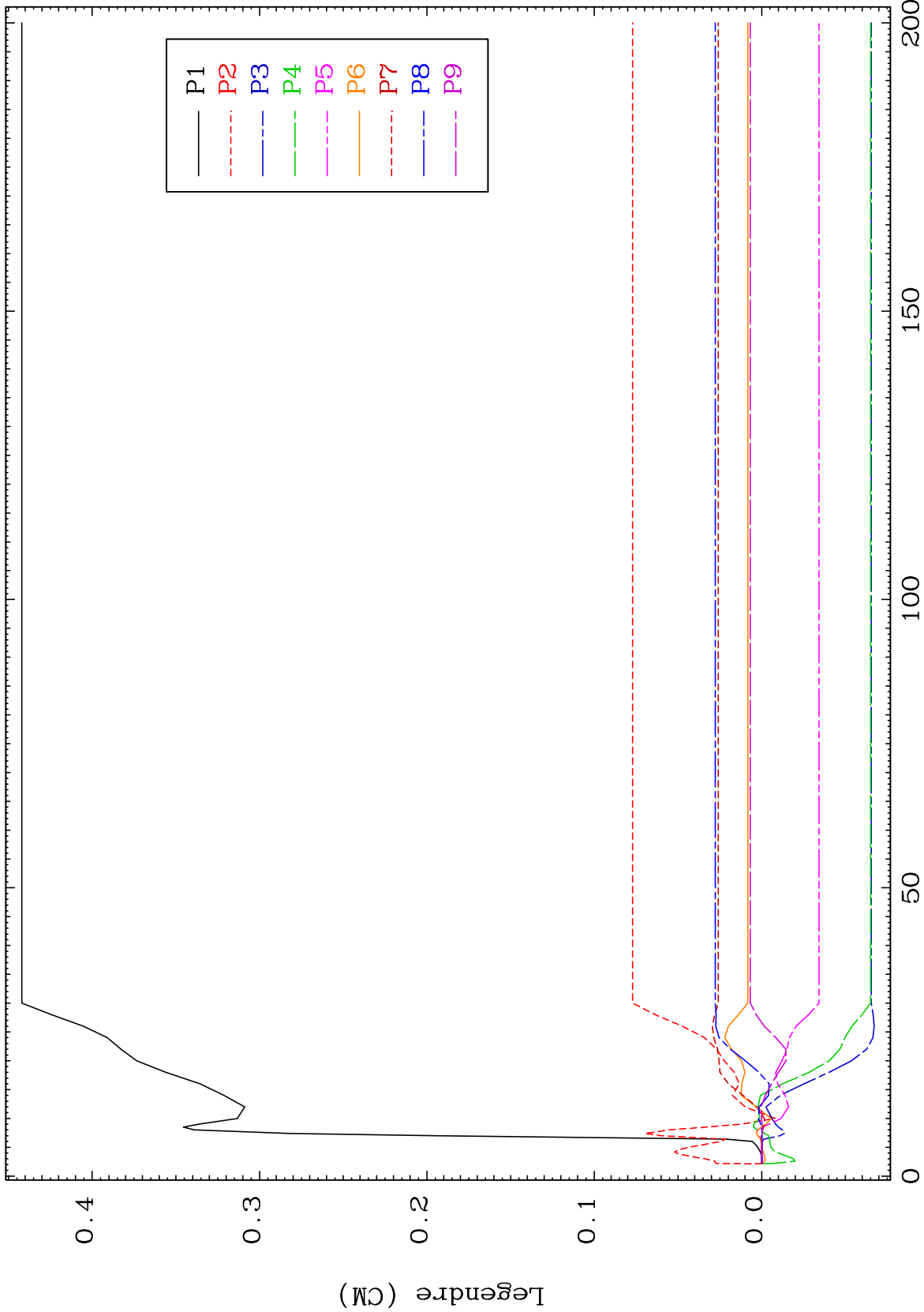
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



36

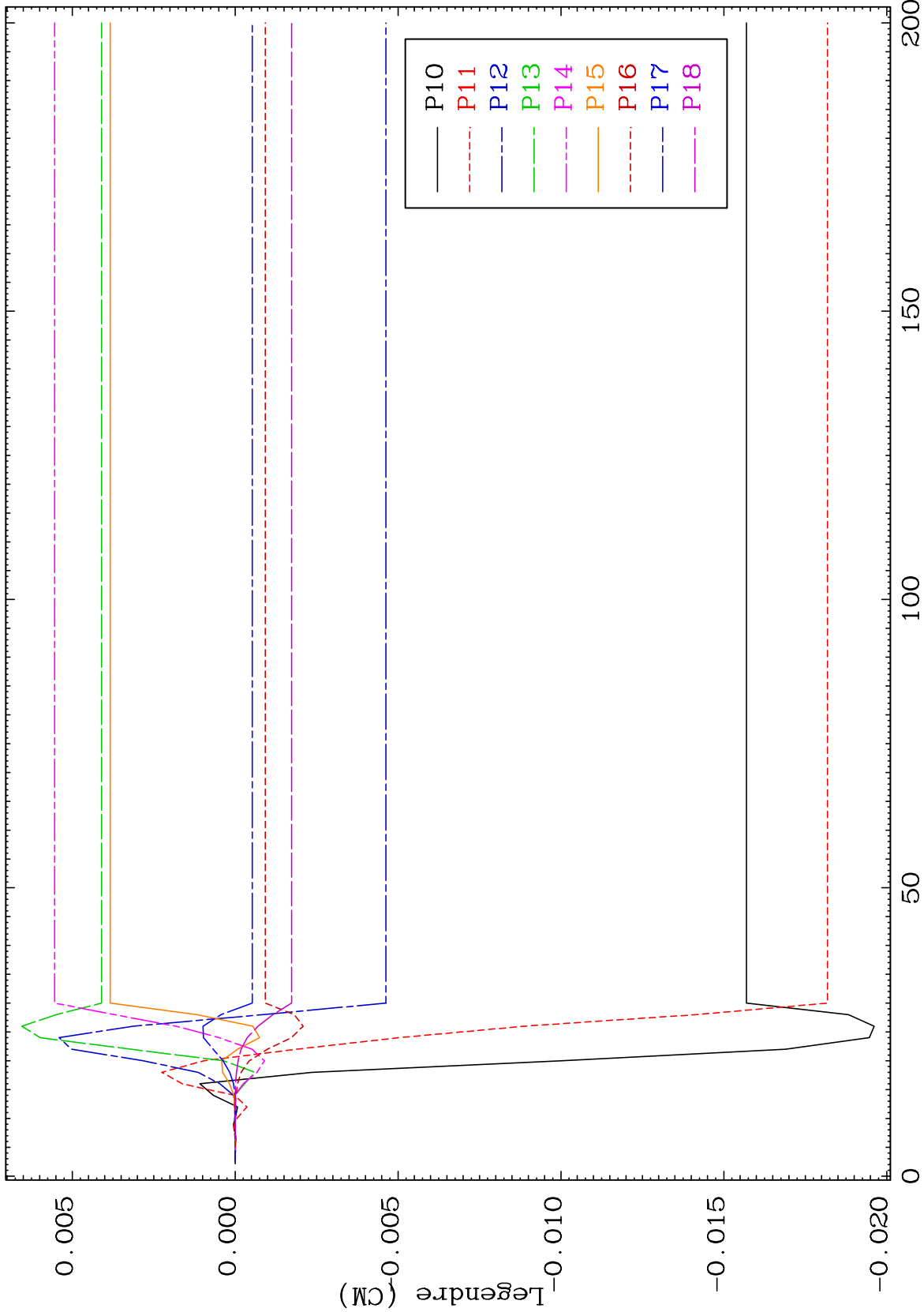
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



37

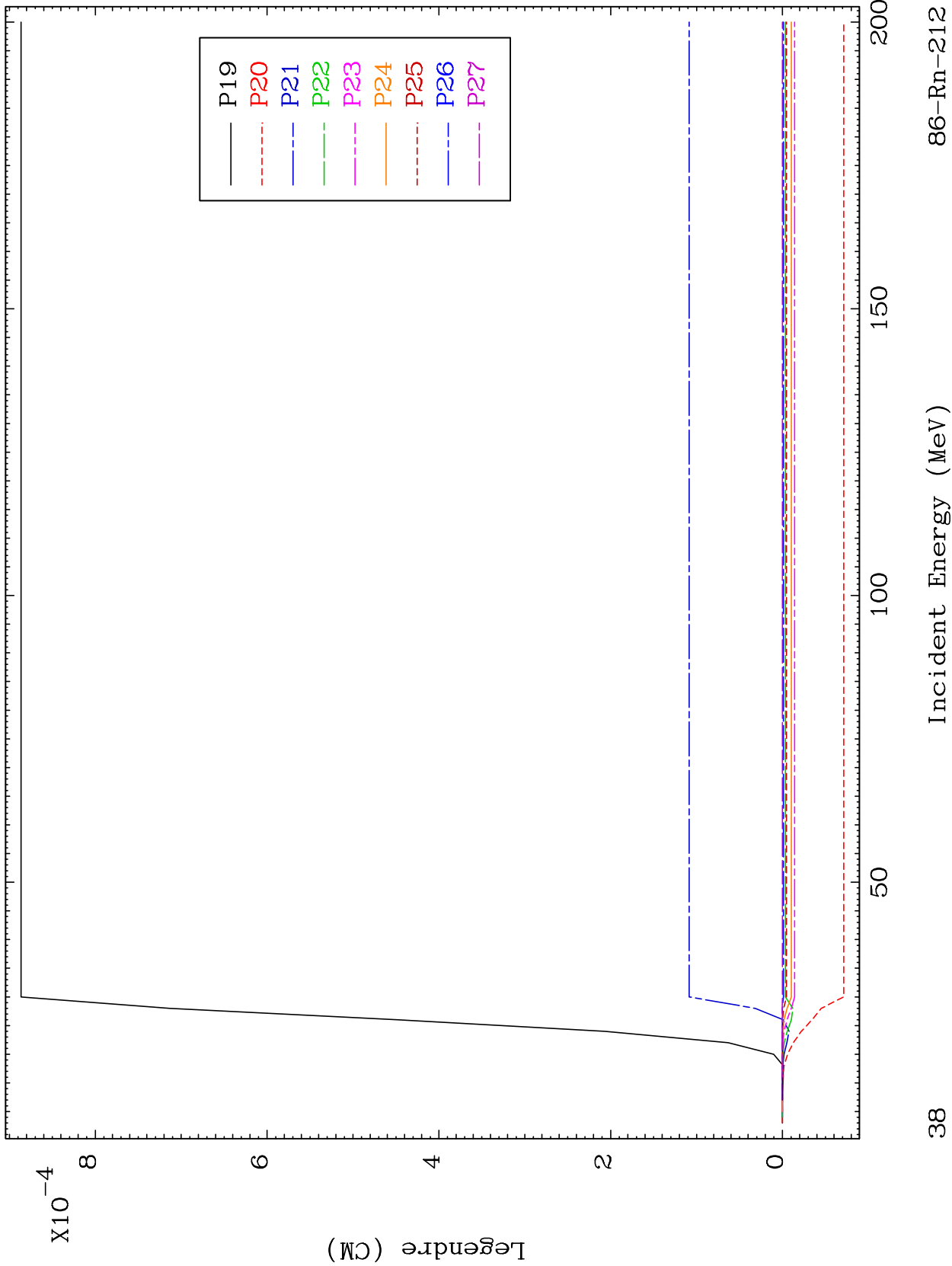
Incident Energy (MeV)

86-Rn-212

MAT 8628

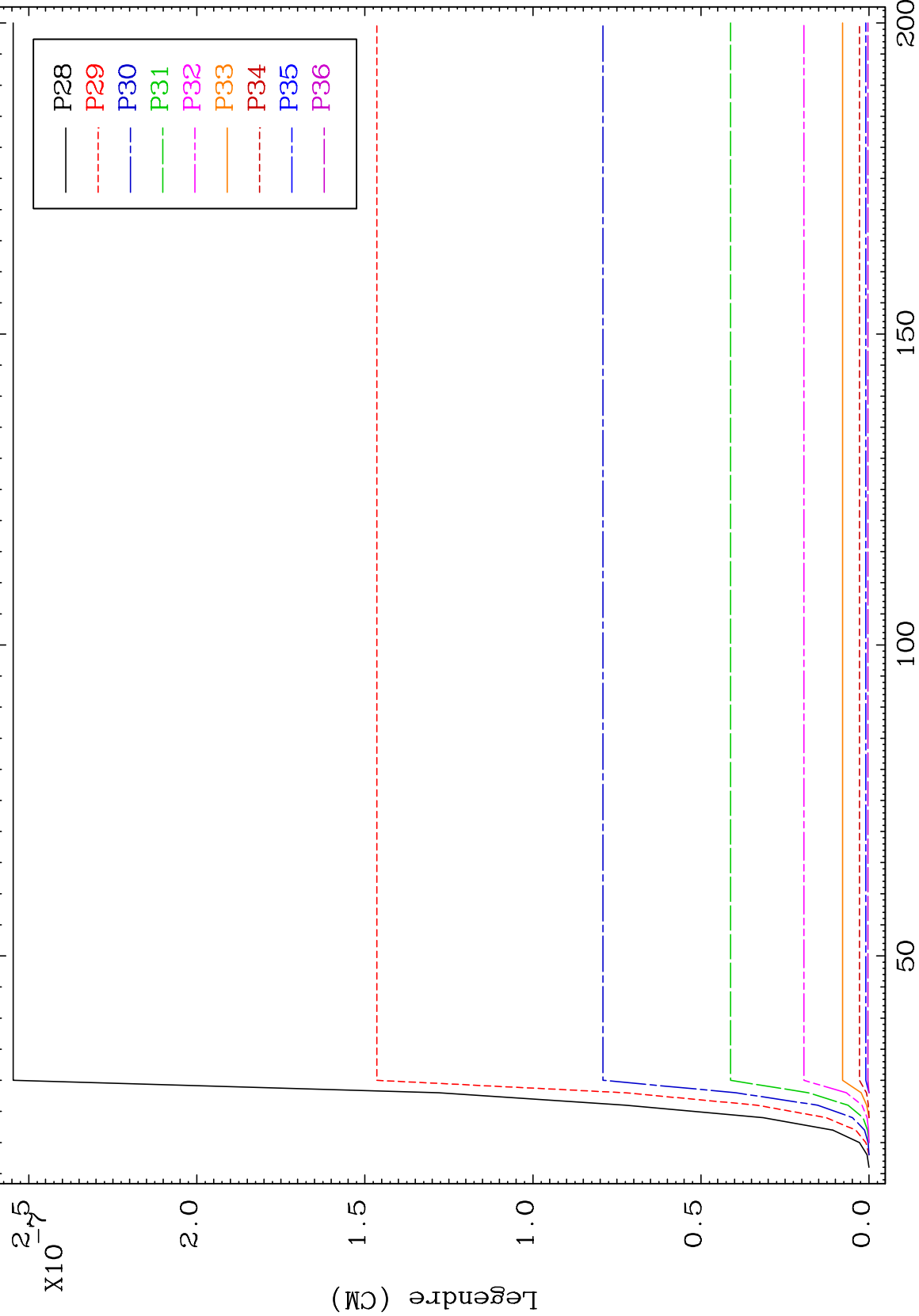
MT= 55 (n,n') Level
Legendre Coefficients

86-Rn-212



38

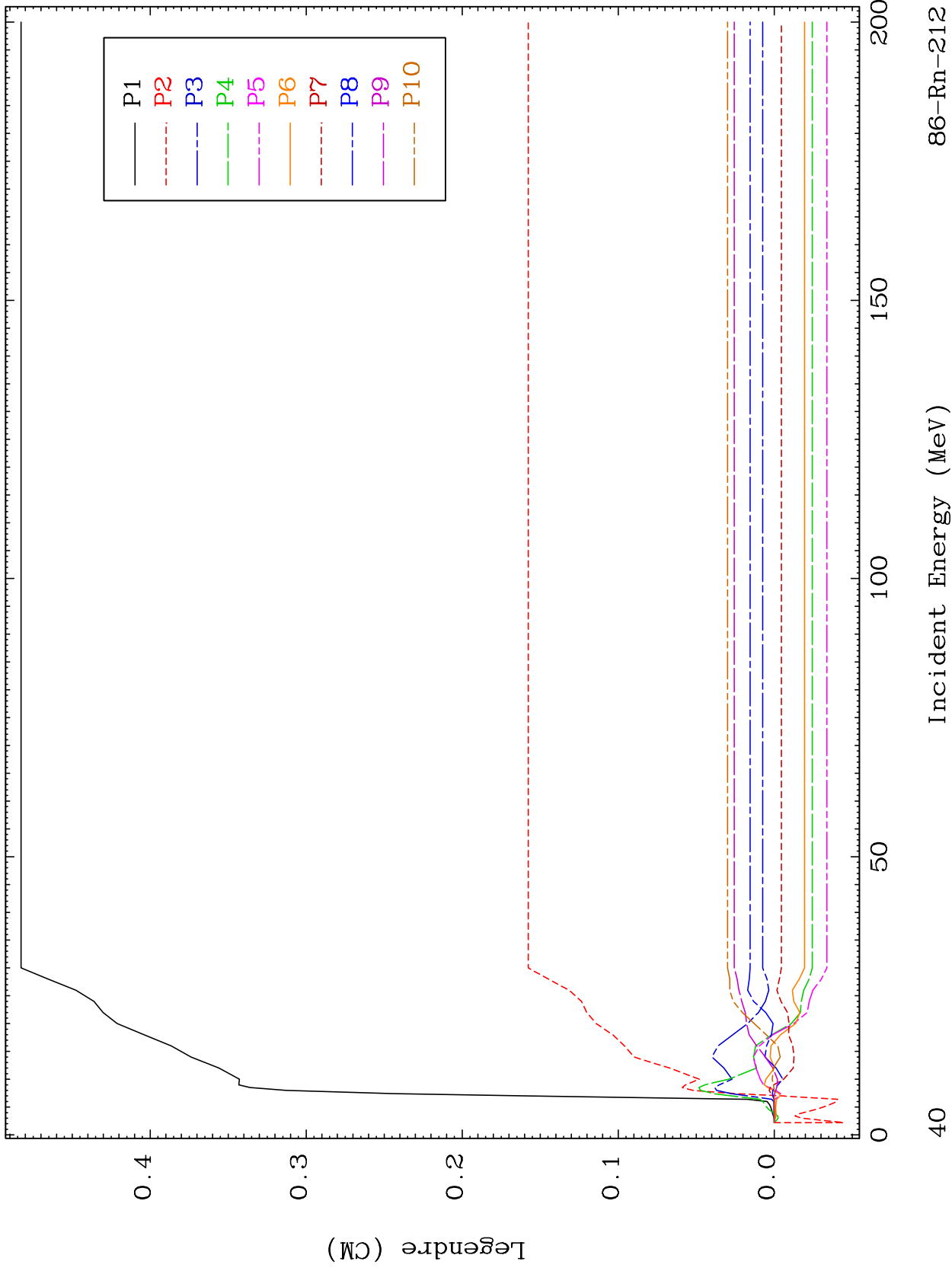
86-Rn-212



MAT 8628

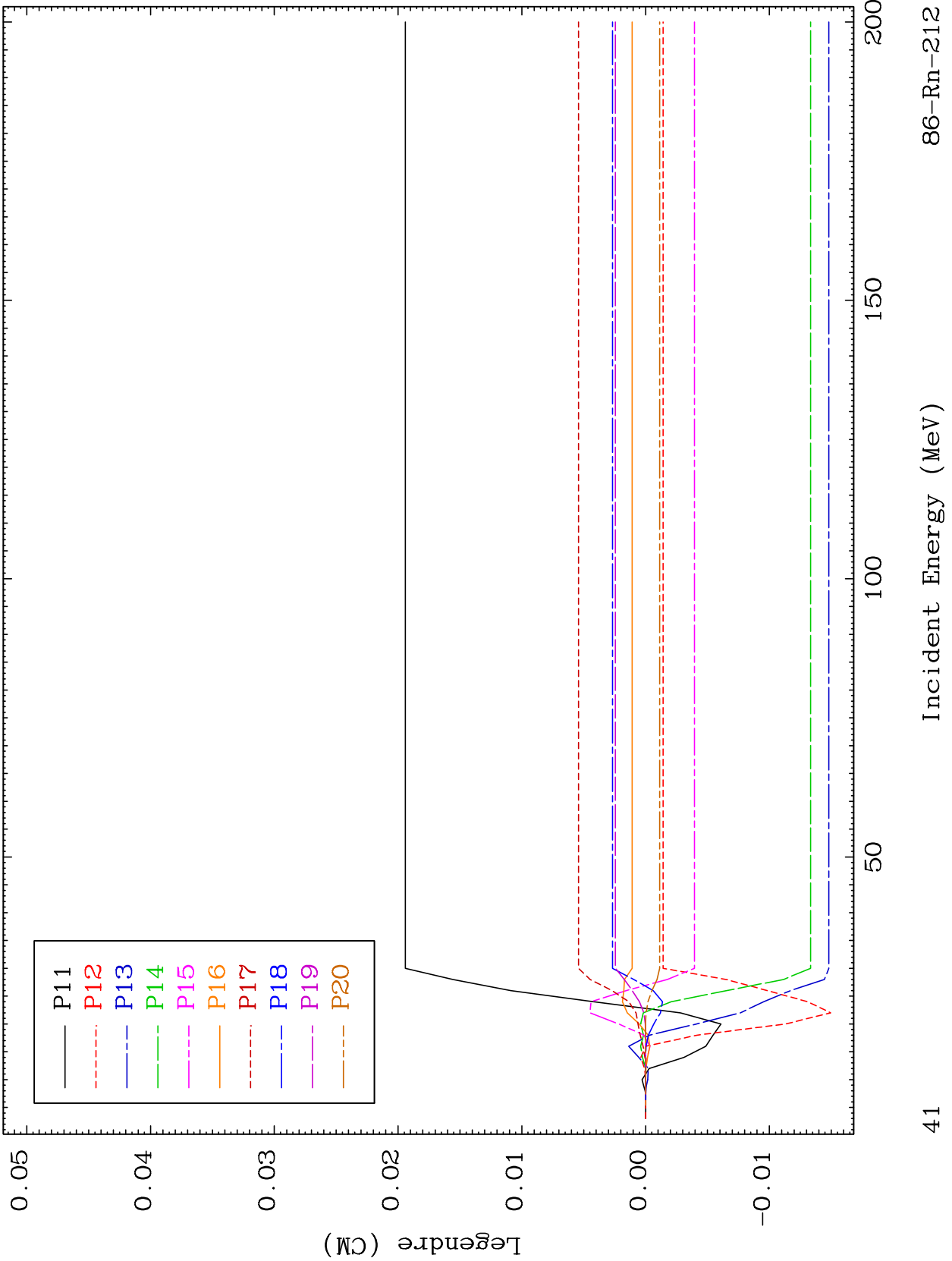
MT= 56 (n,n') Level
Legendre Coefficients

86-Rn-212



86-Rn-212

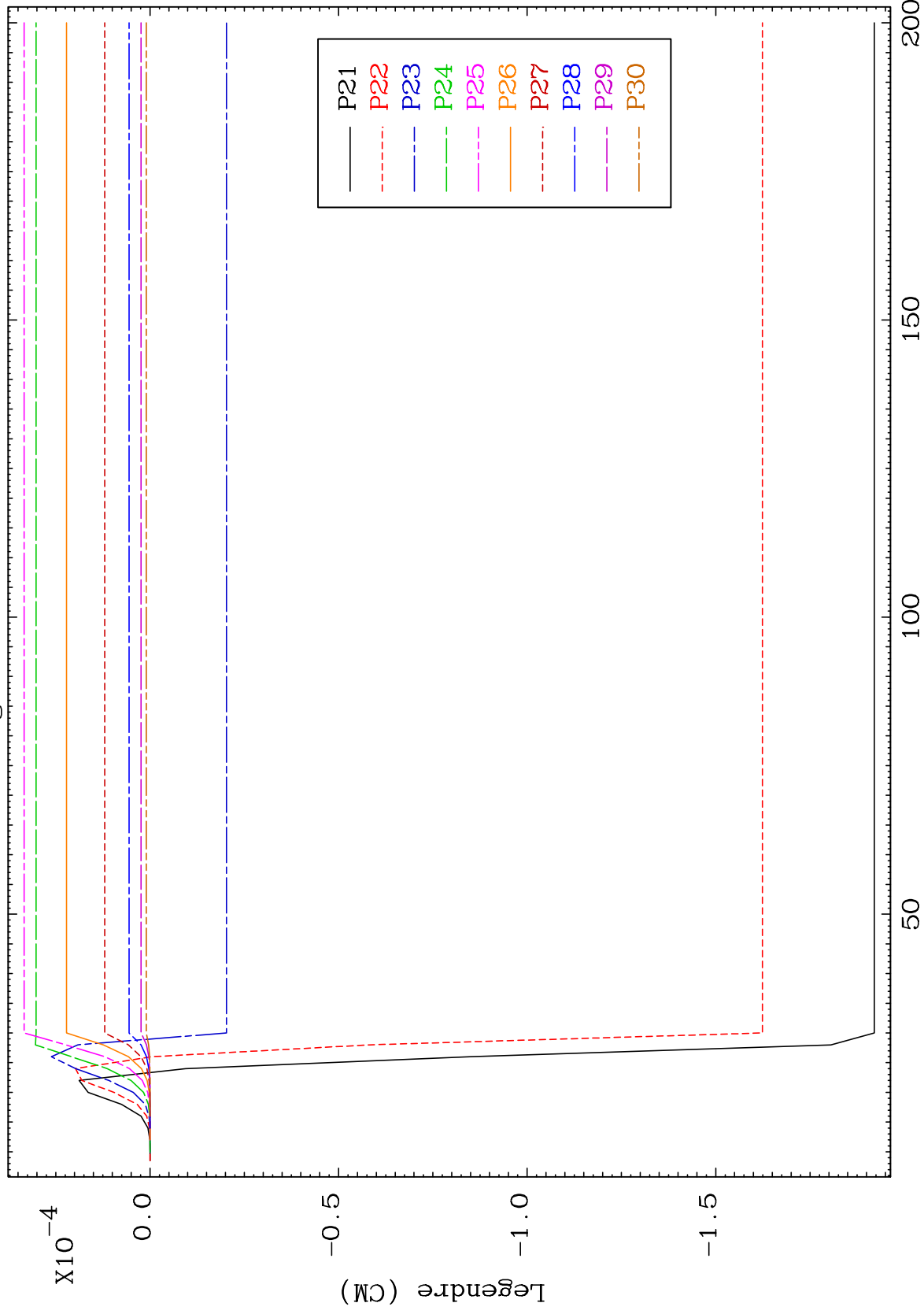
Incident Energy (MeV)



MAT 8628

86-Rn-212

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



42

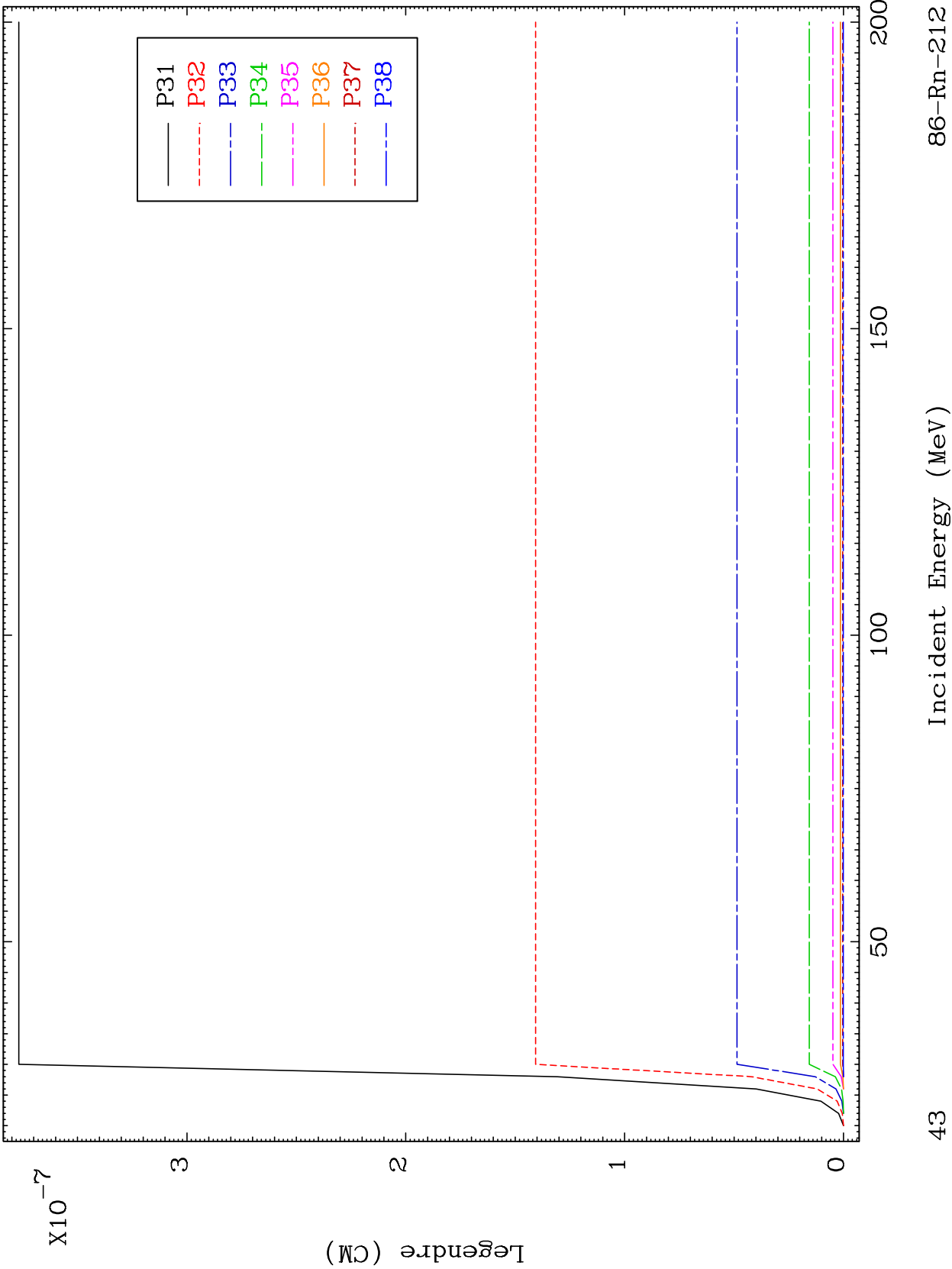
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

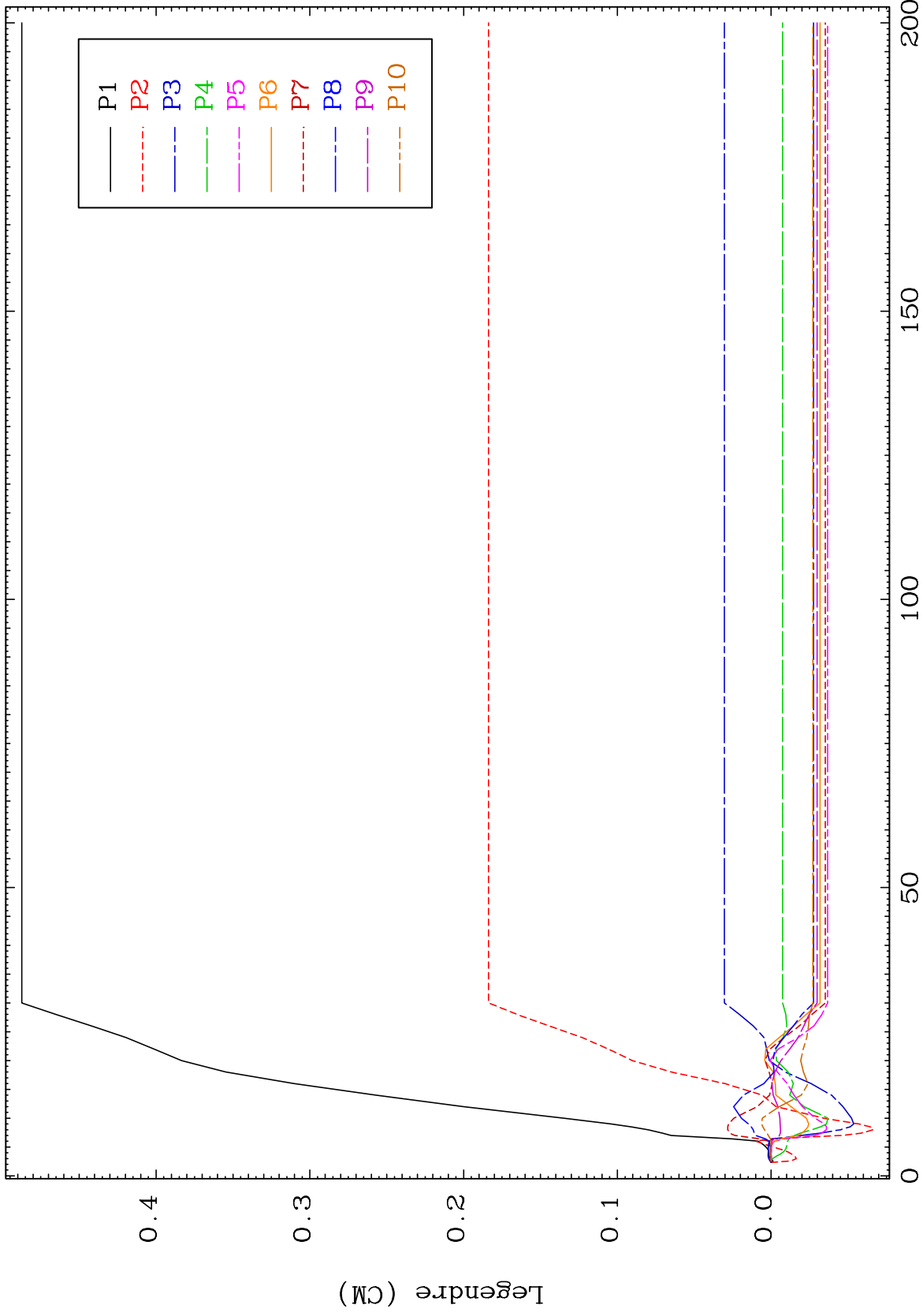
86-Rn-212



MAT 8628

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

86-Rn-212



44

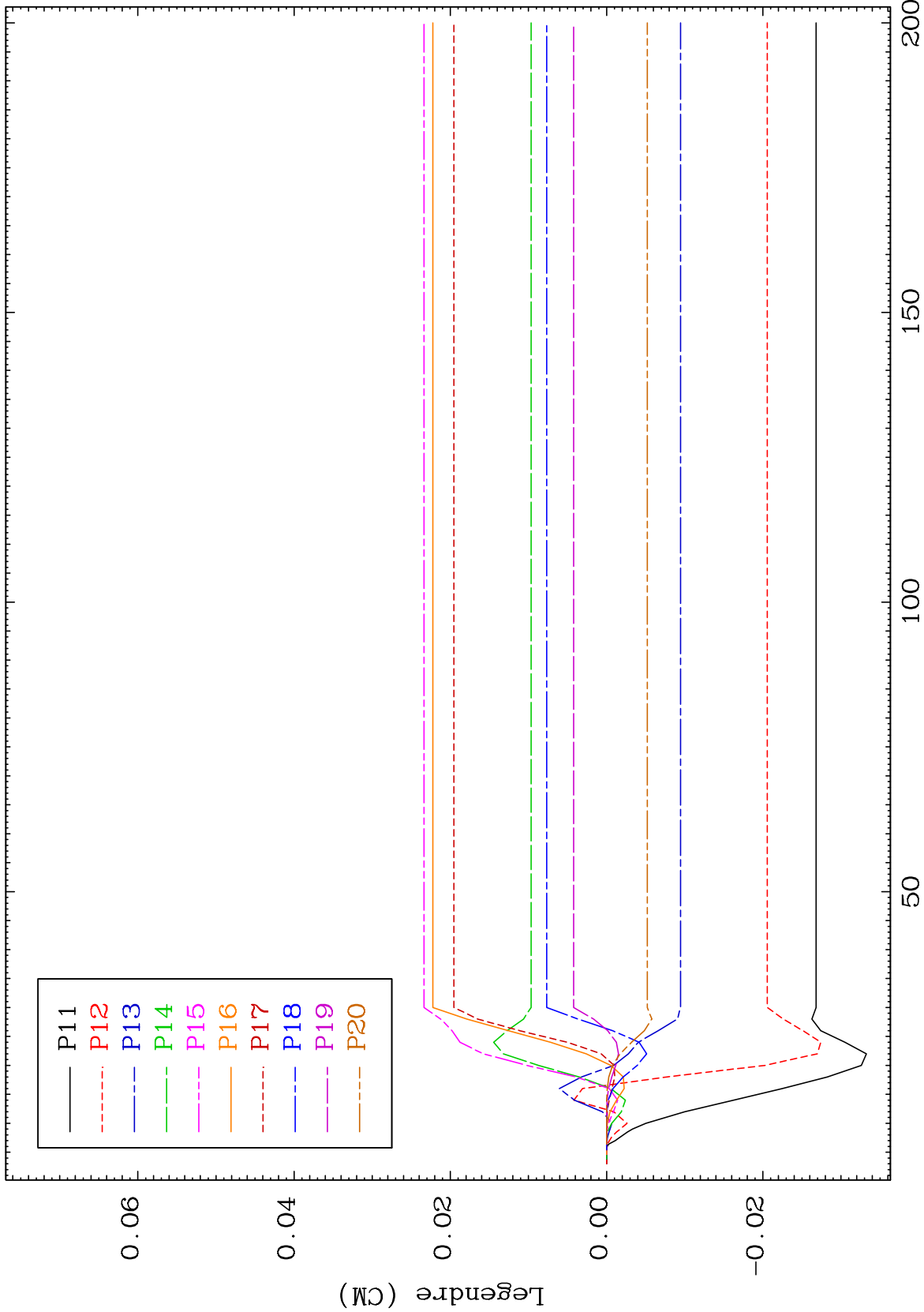
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



45

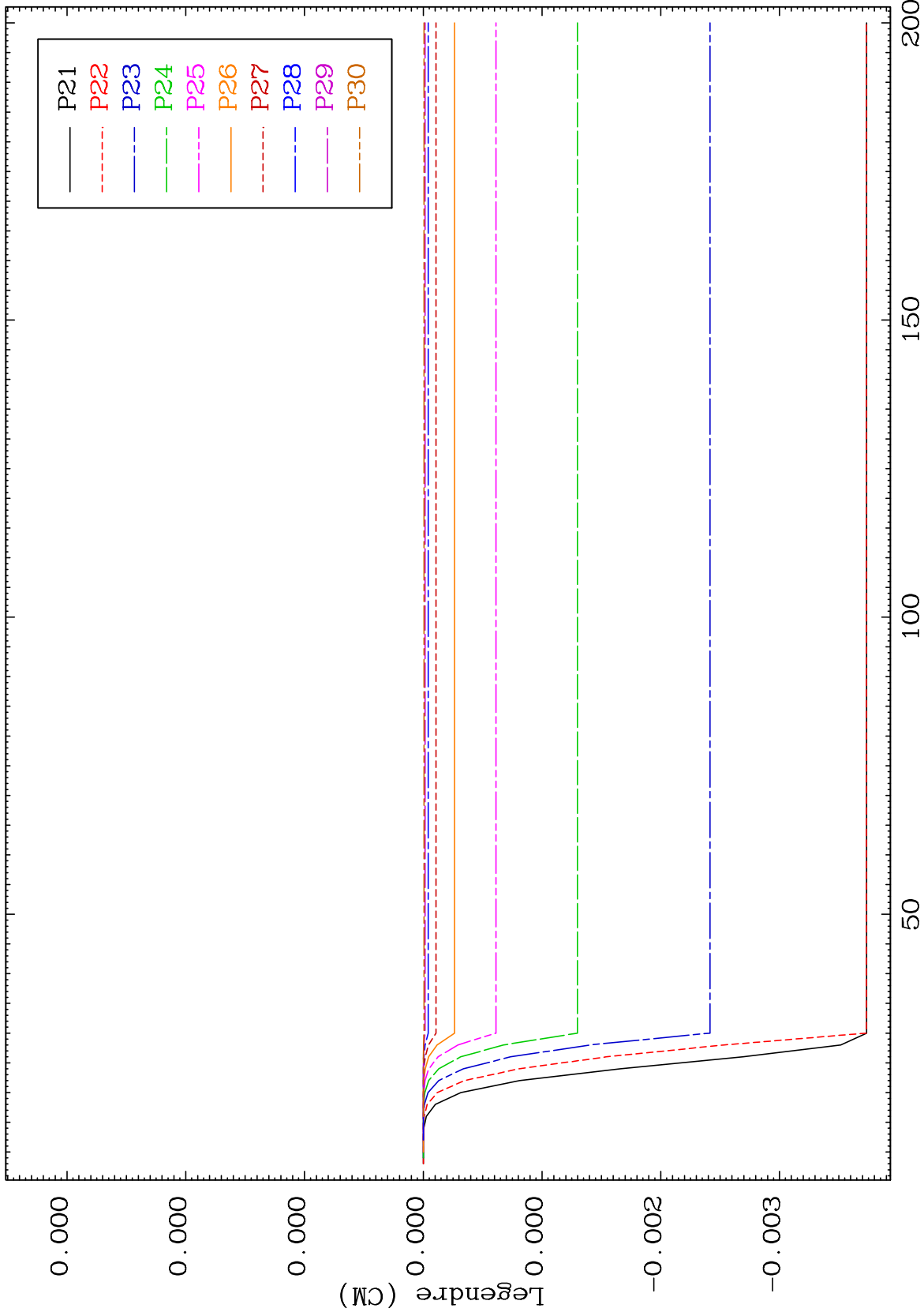
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

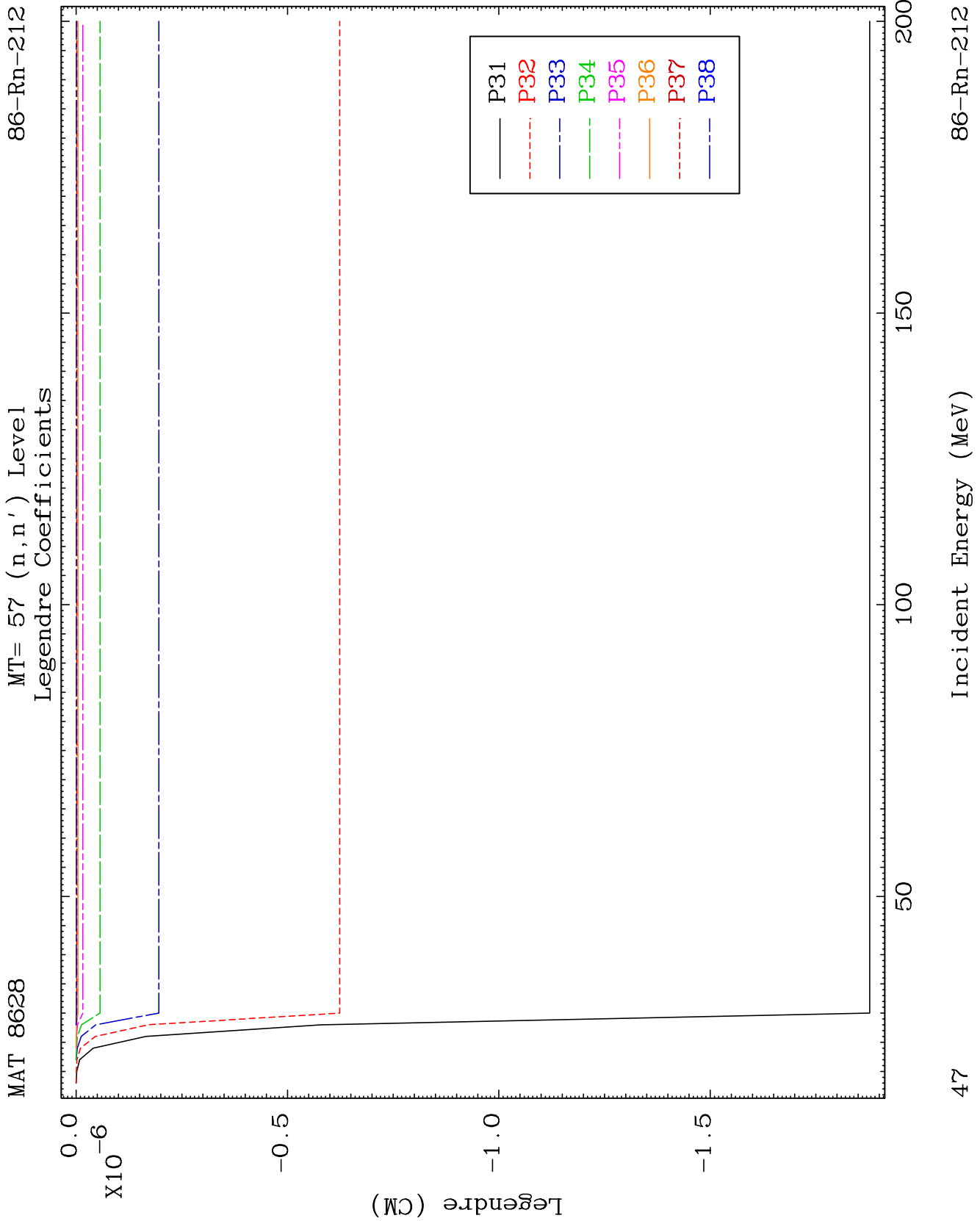
86-Rn-212



46

Incident Energy (MeV)

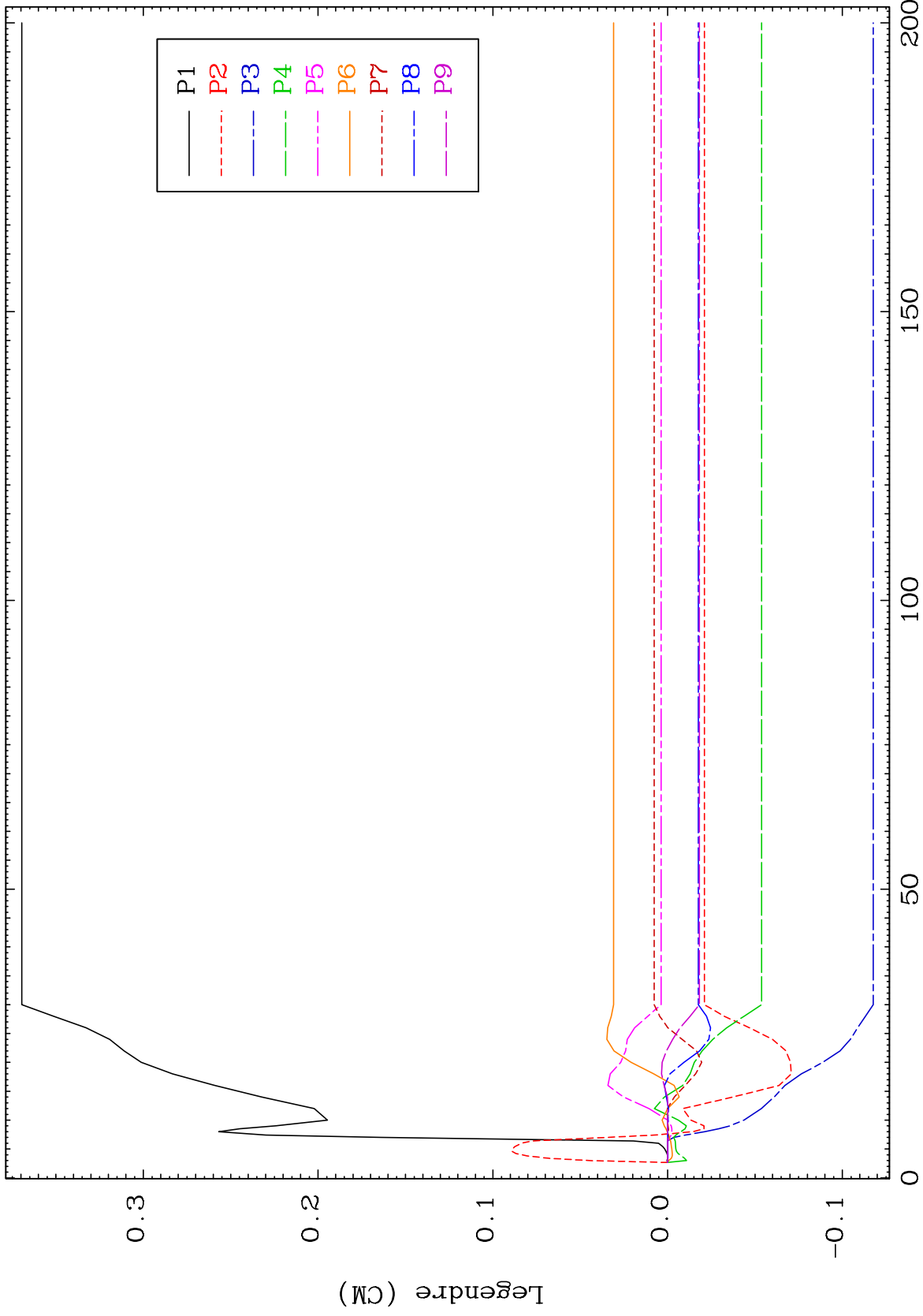
86-Rn-212



MAT 8628

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

86-Rn-212



48

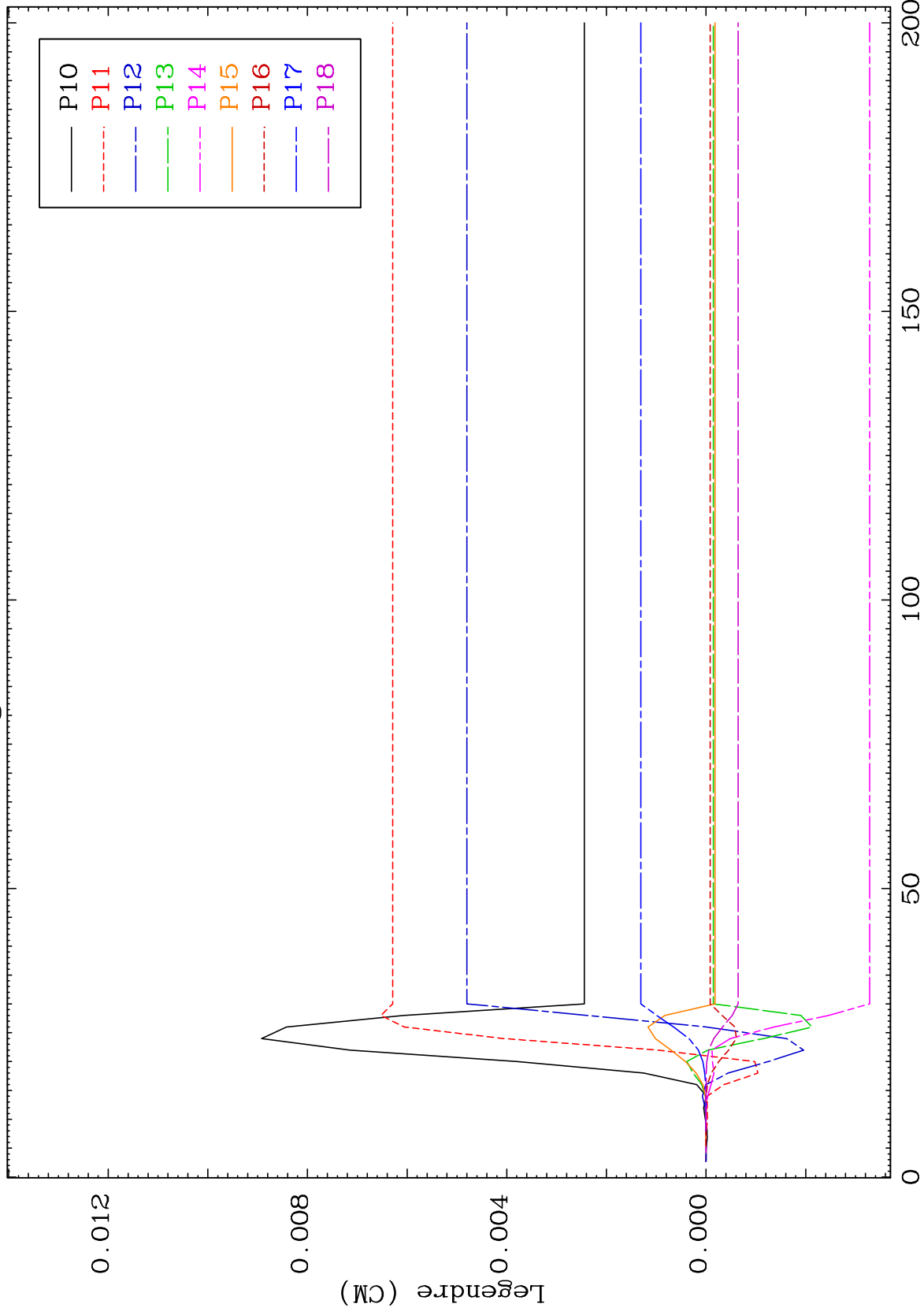
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



49

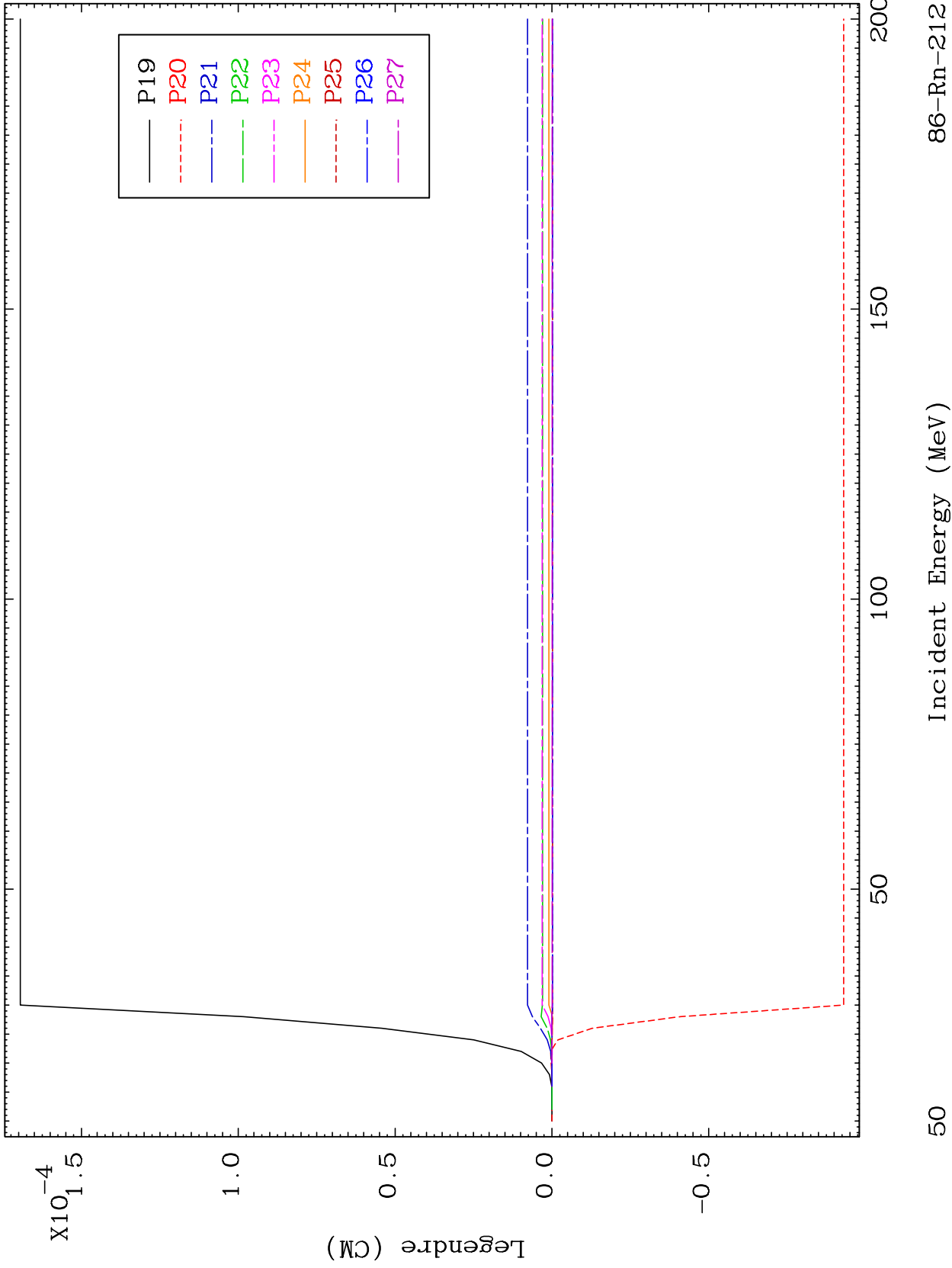
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

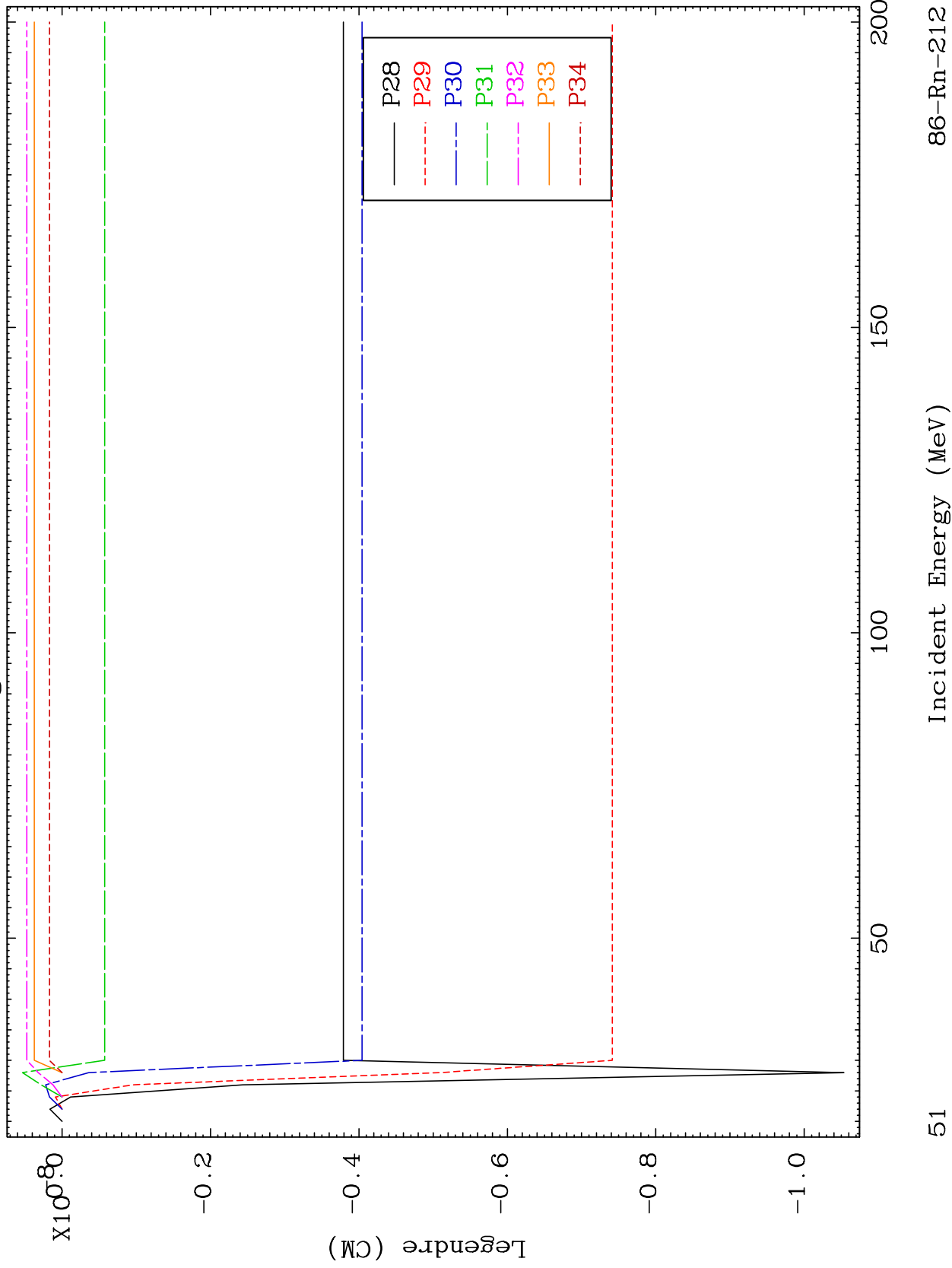
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MAT 8628

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

86-Rn-212



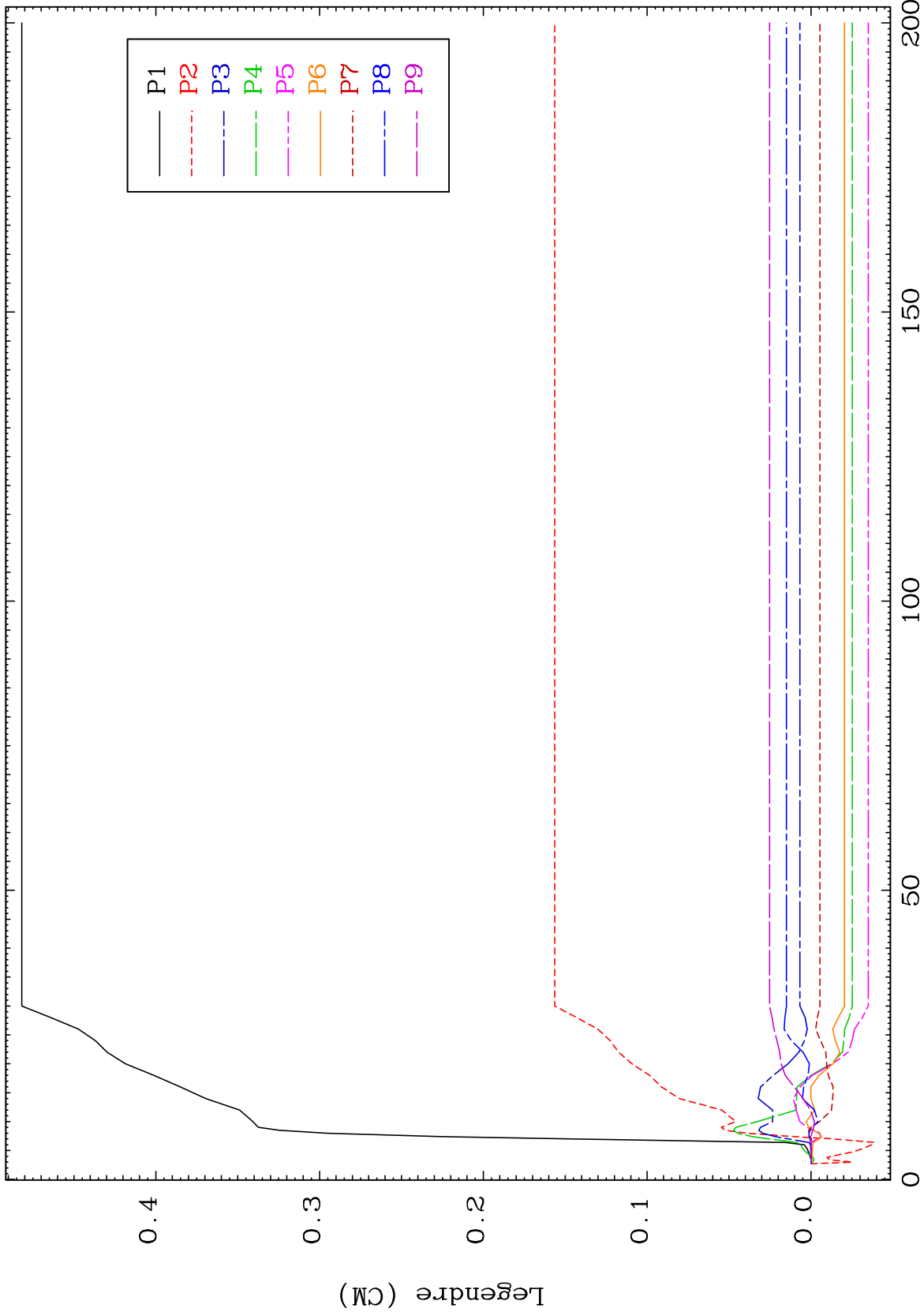
51

86-Rn-212

MAT 8628

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

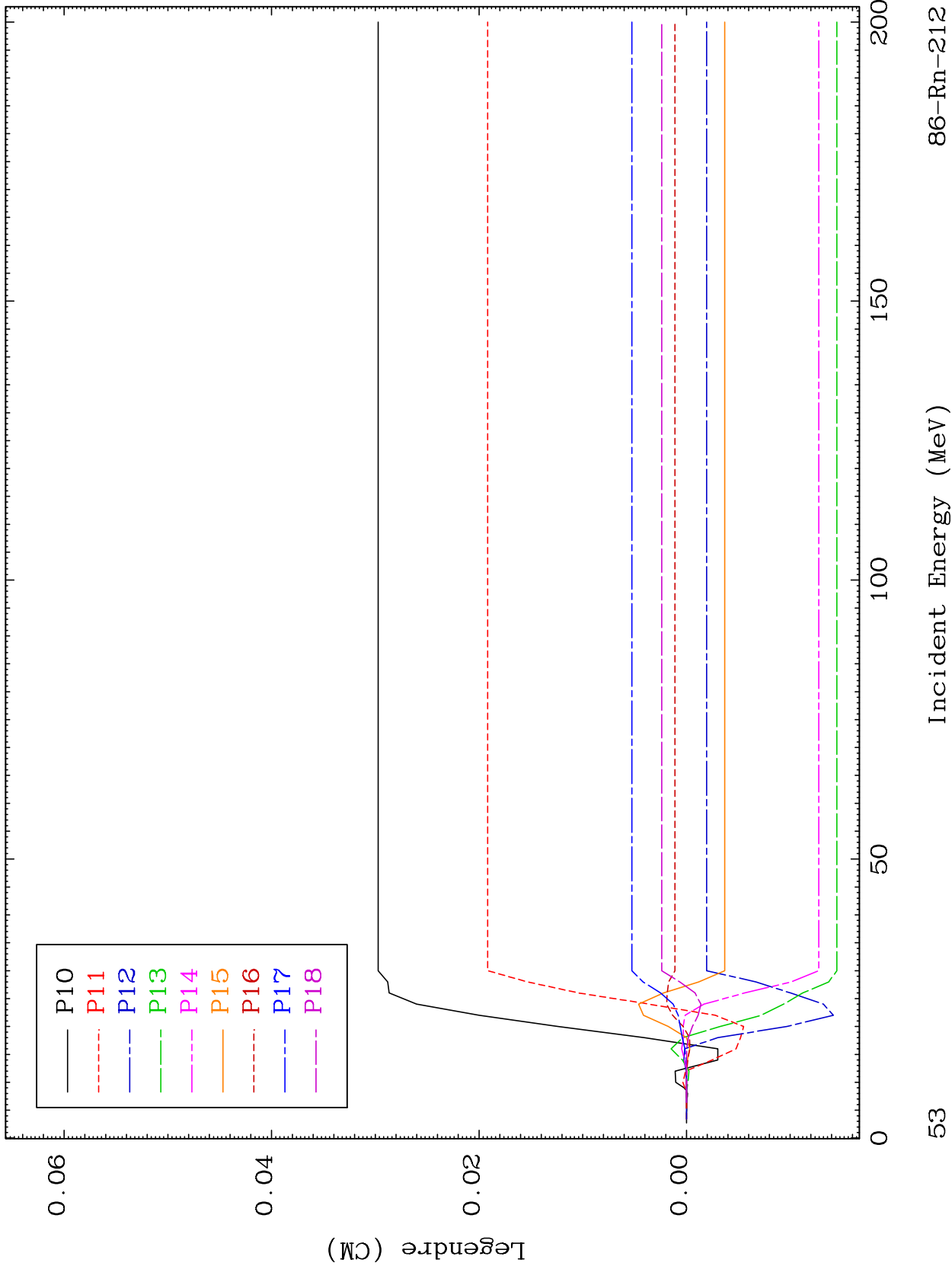
86-Rn-212



52

Incident Energy (MeV)

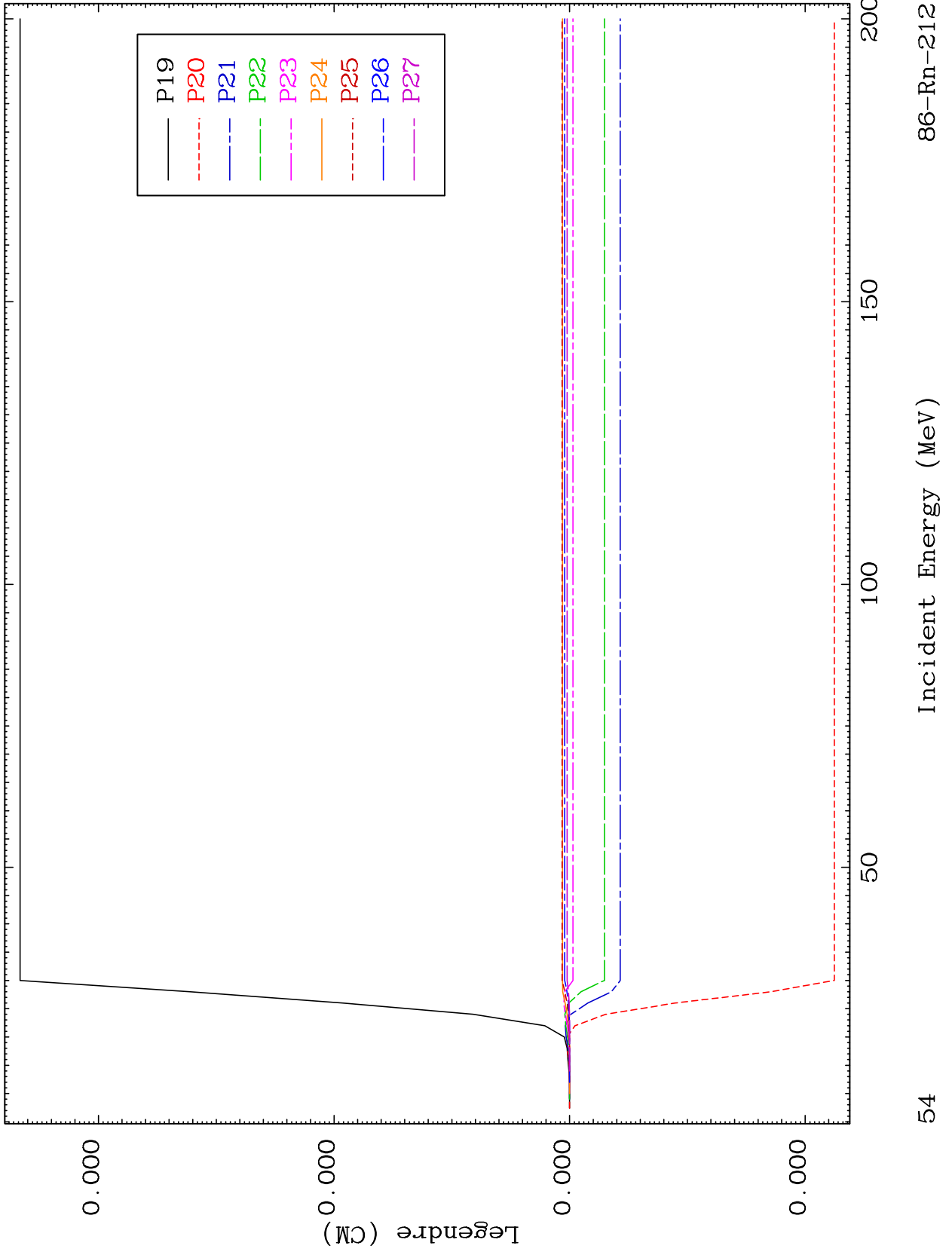
86-Rn-212



MAT 8628

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

86-Rn-212



54

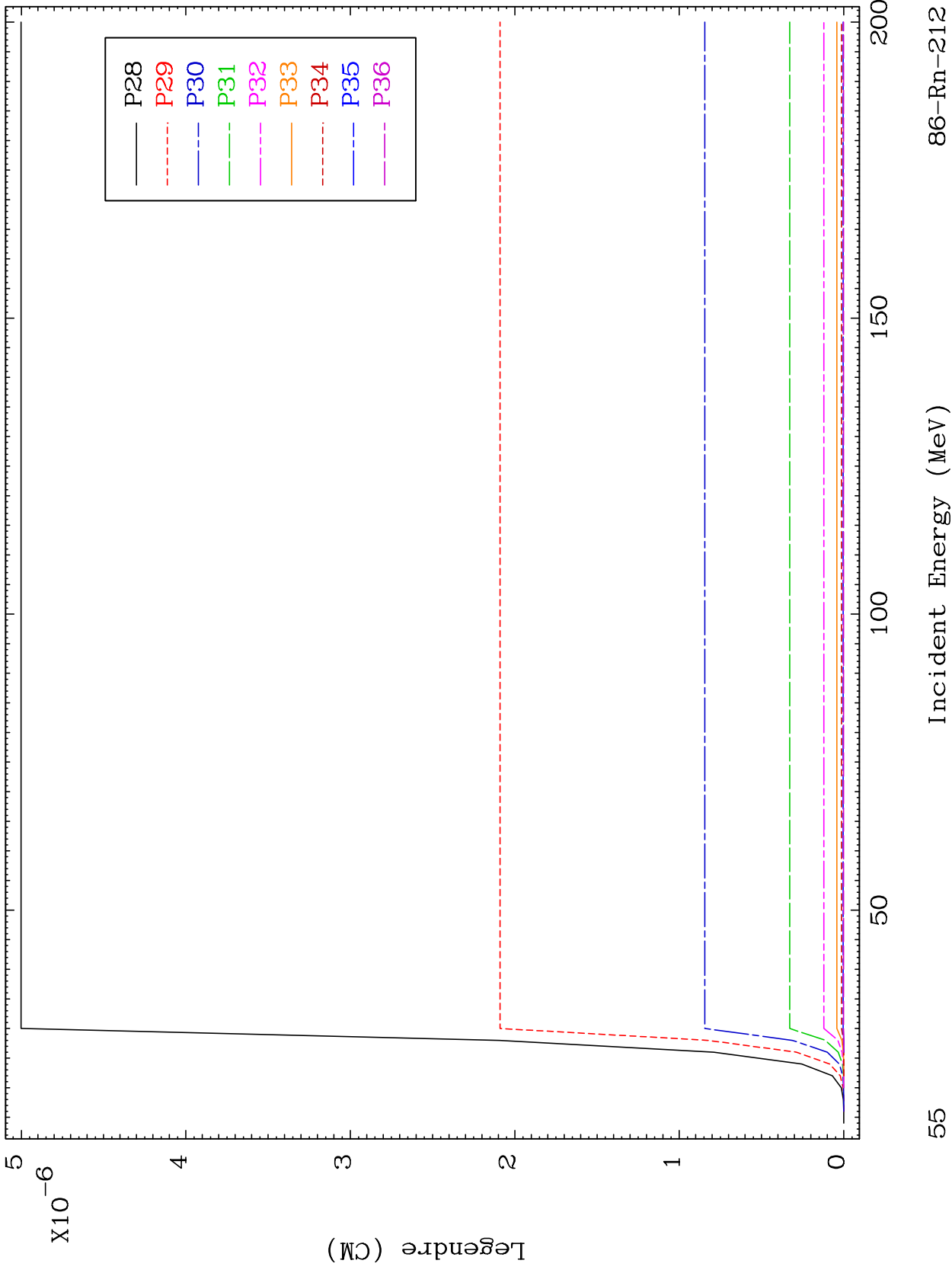
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

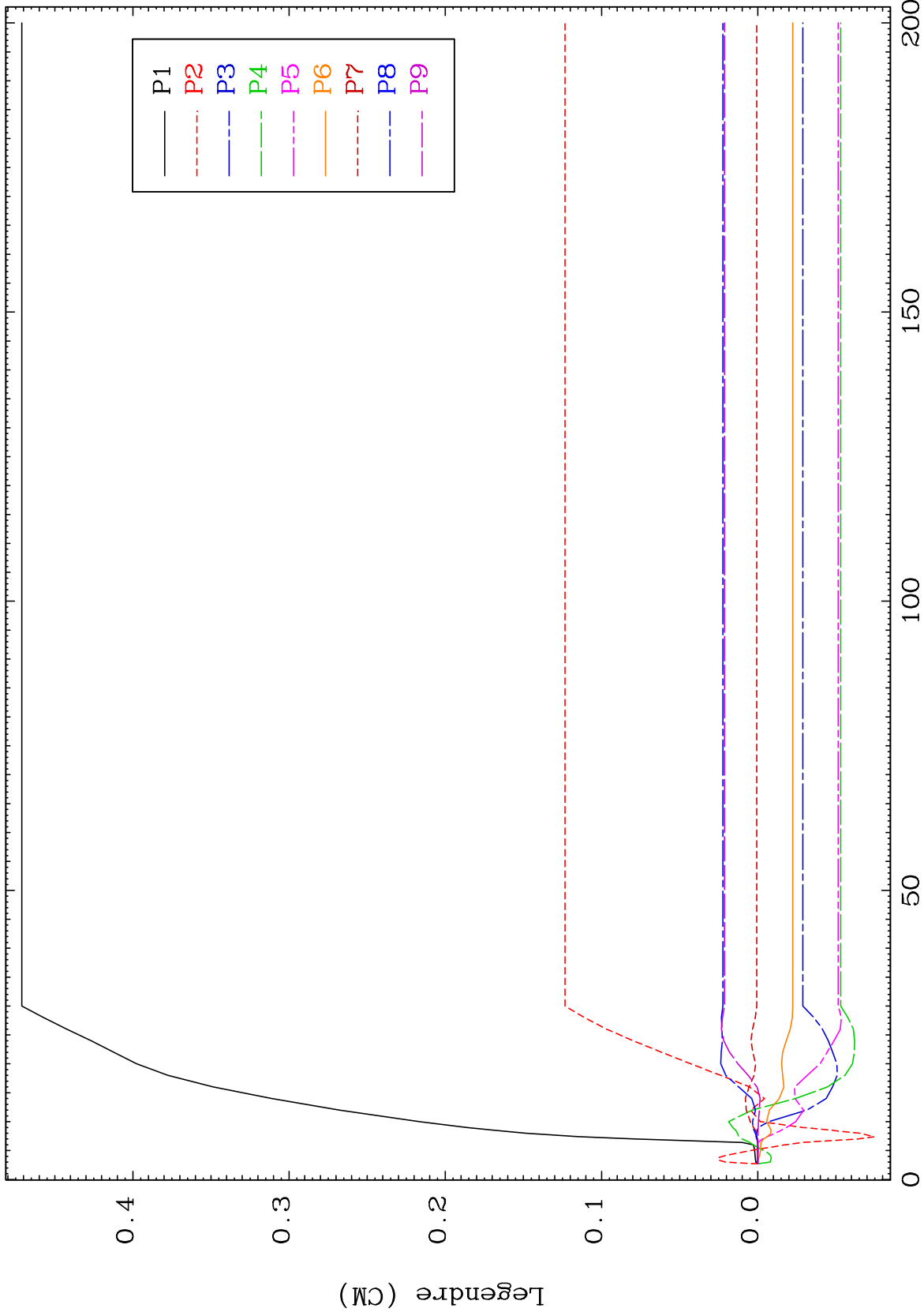
86-Rn-212



MAT 8628

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

86-Rn-212



86-Rn-212

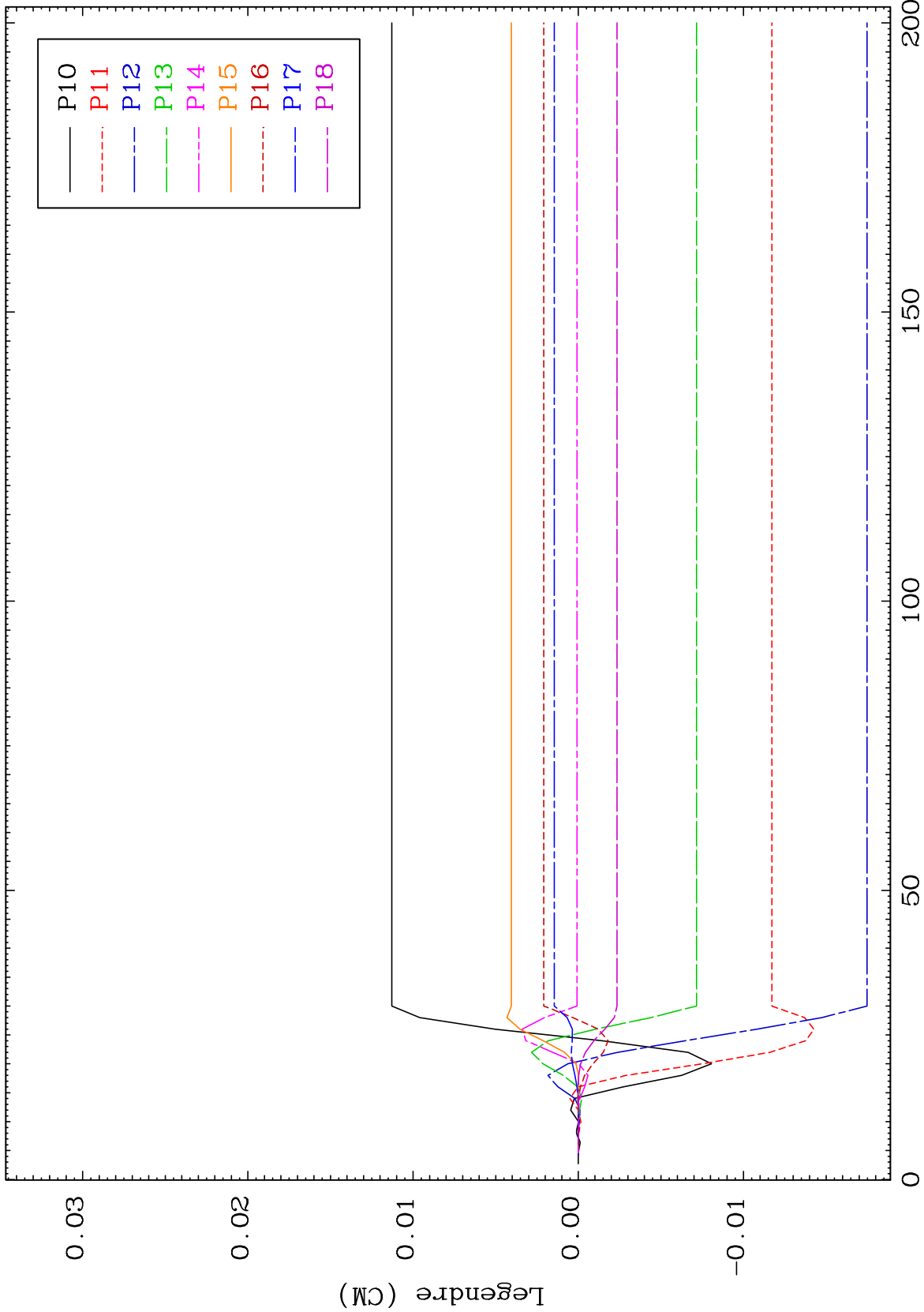
Incident Energy (MeV)

56

MAT 8628

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

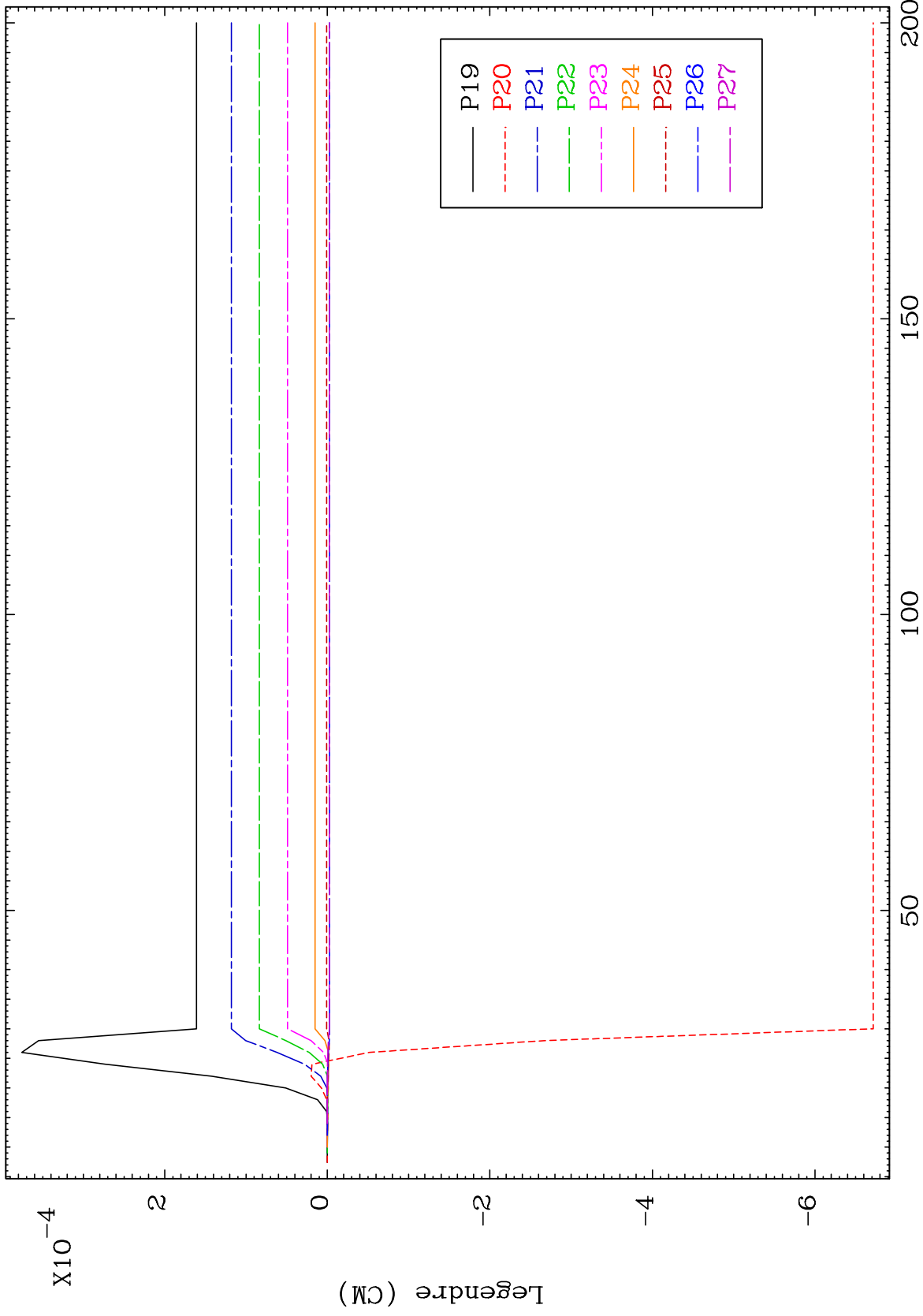
86-Rn-212



57

Incident Energy (MeV)

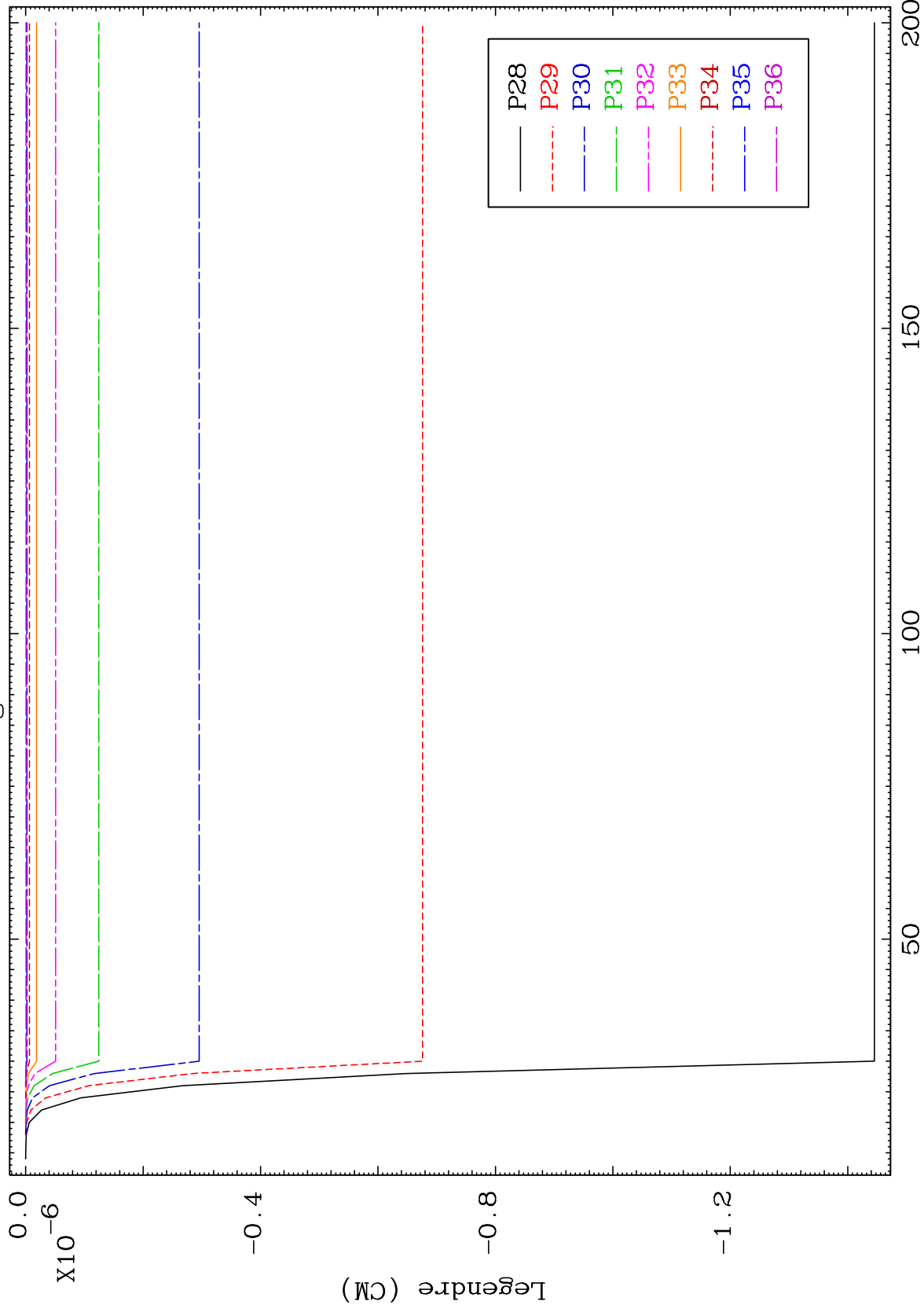
86-Rn-212



MAT 8628

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

86-Rn-212



59

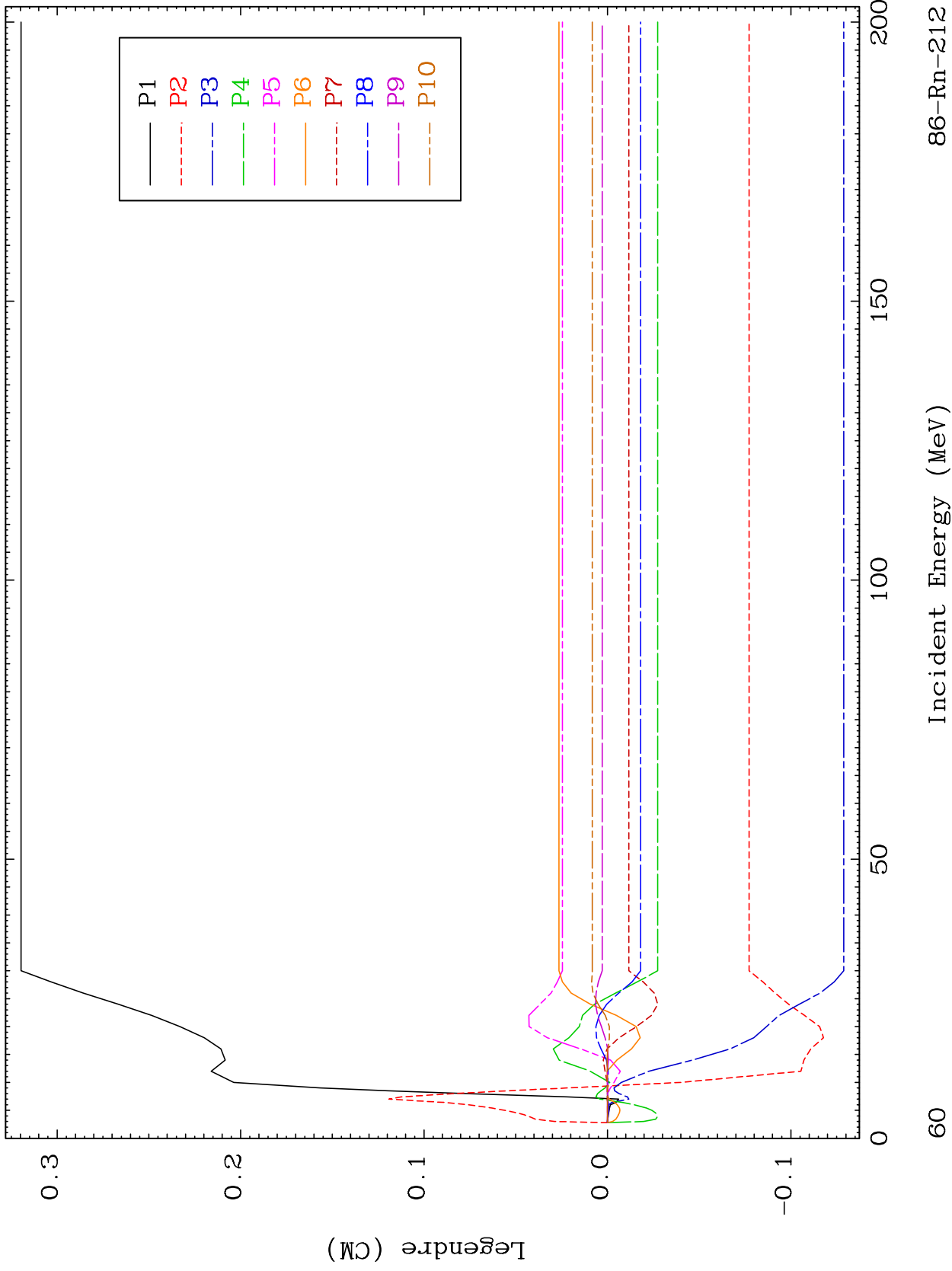
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212

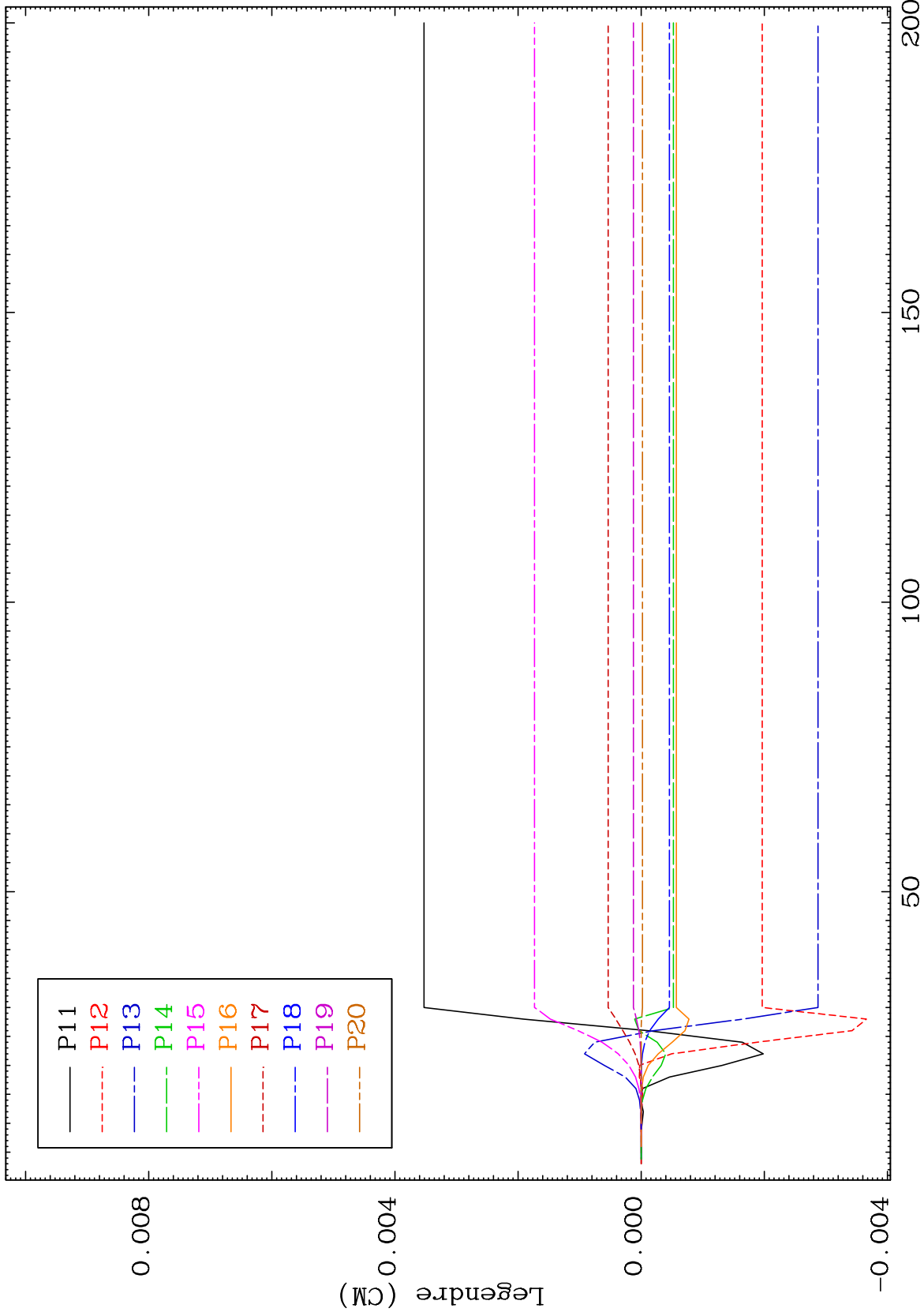


86-Rn-212

MAT 8628

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

86-Rn-212



61

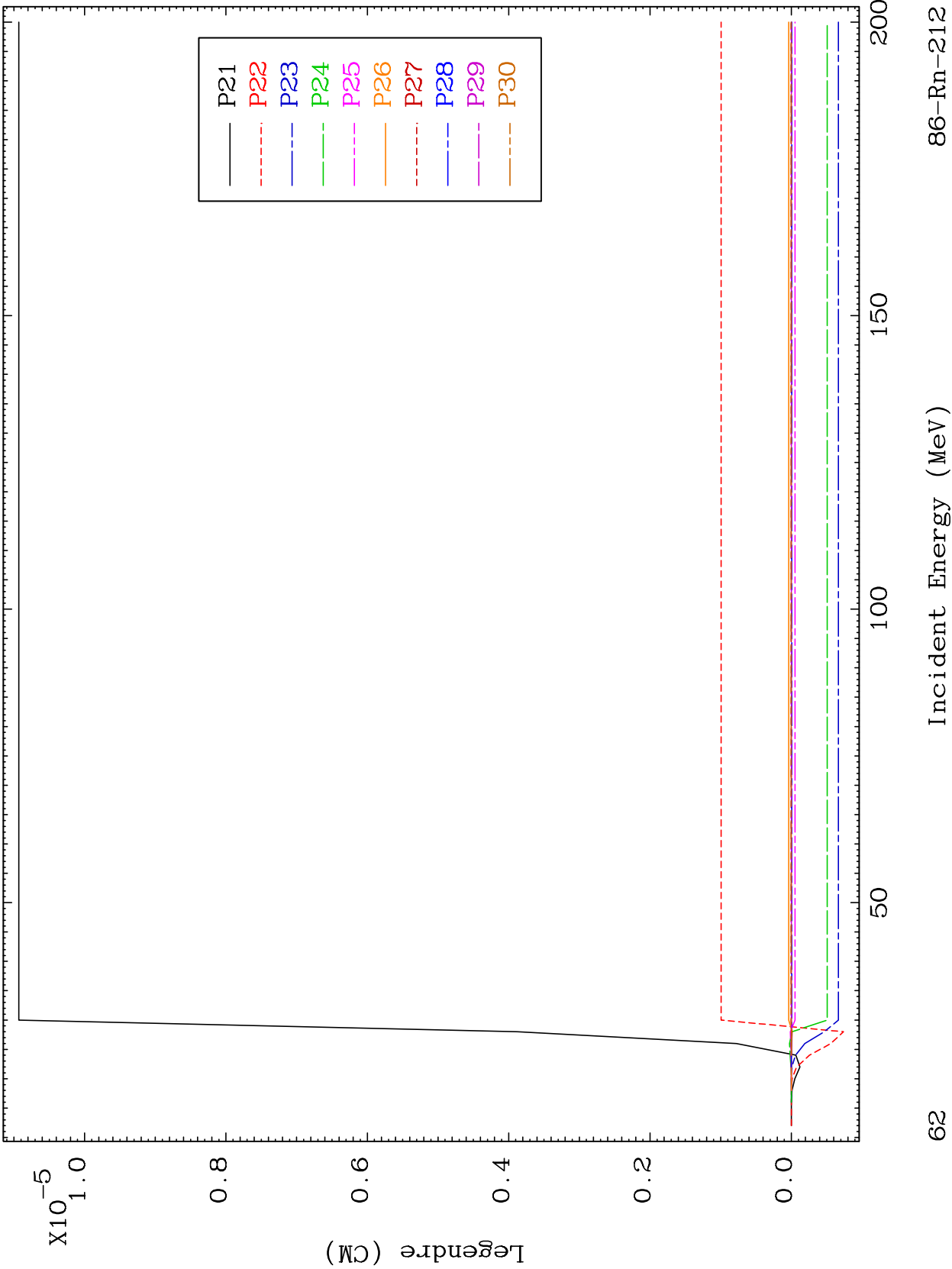
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

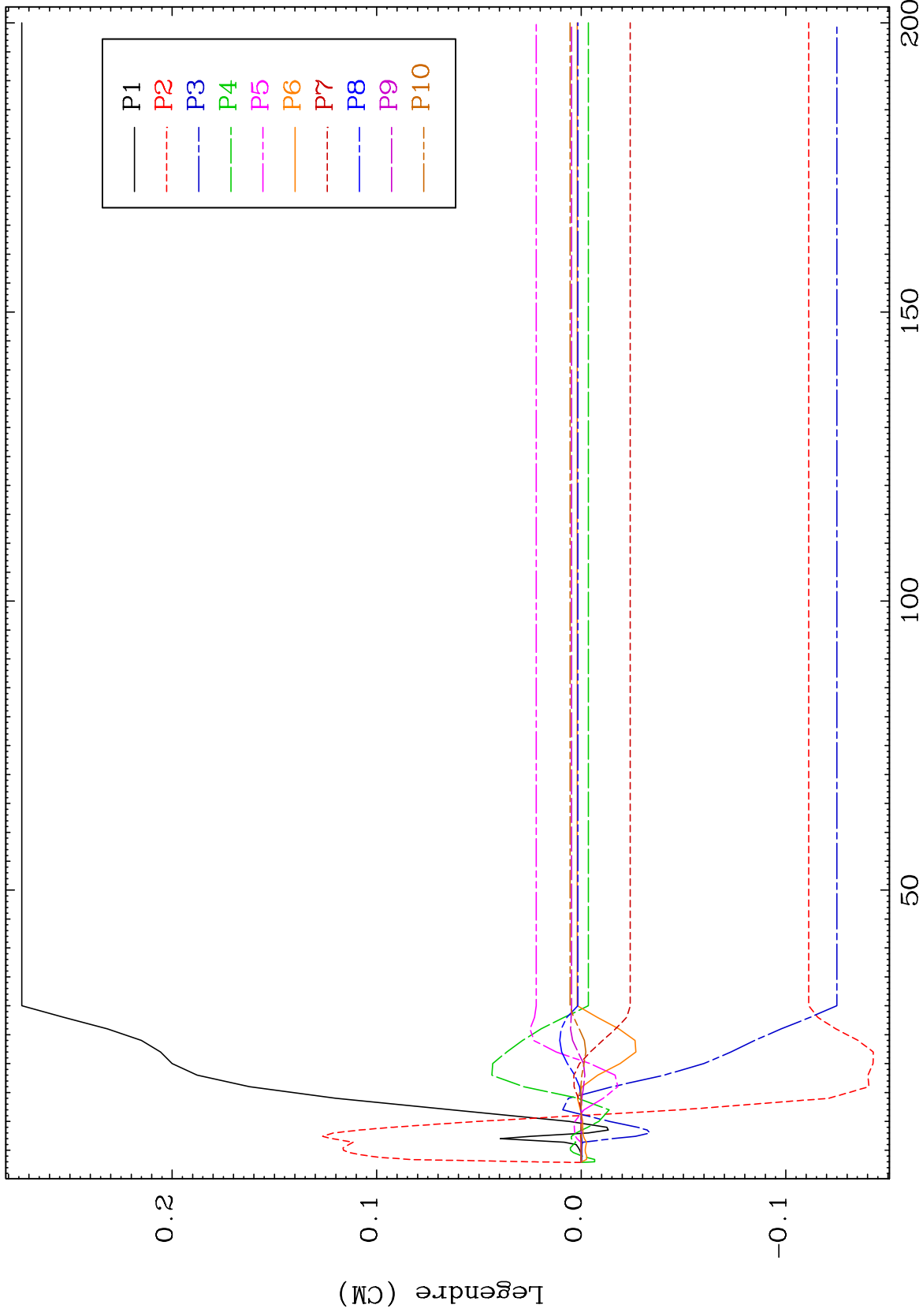
86-Rn-212



62

Incident Energy (MeV)

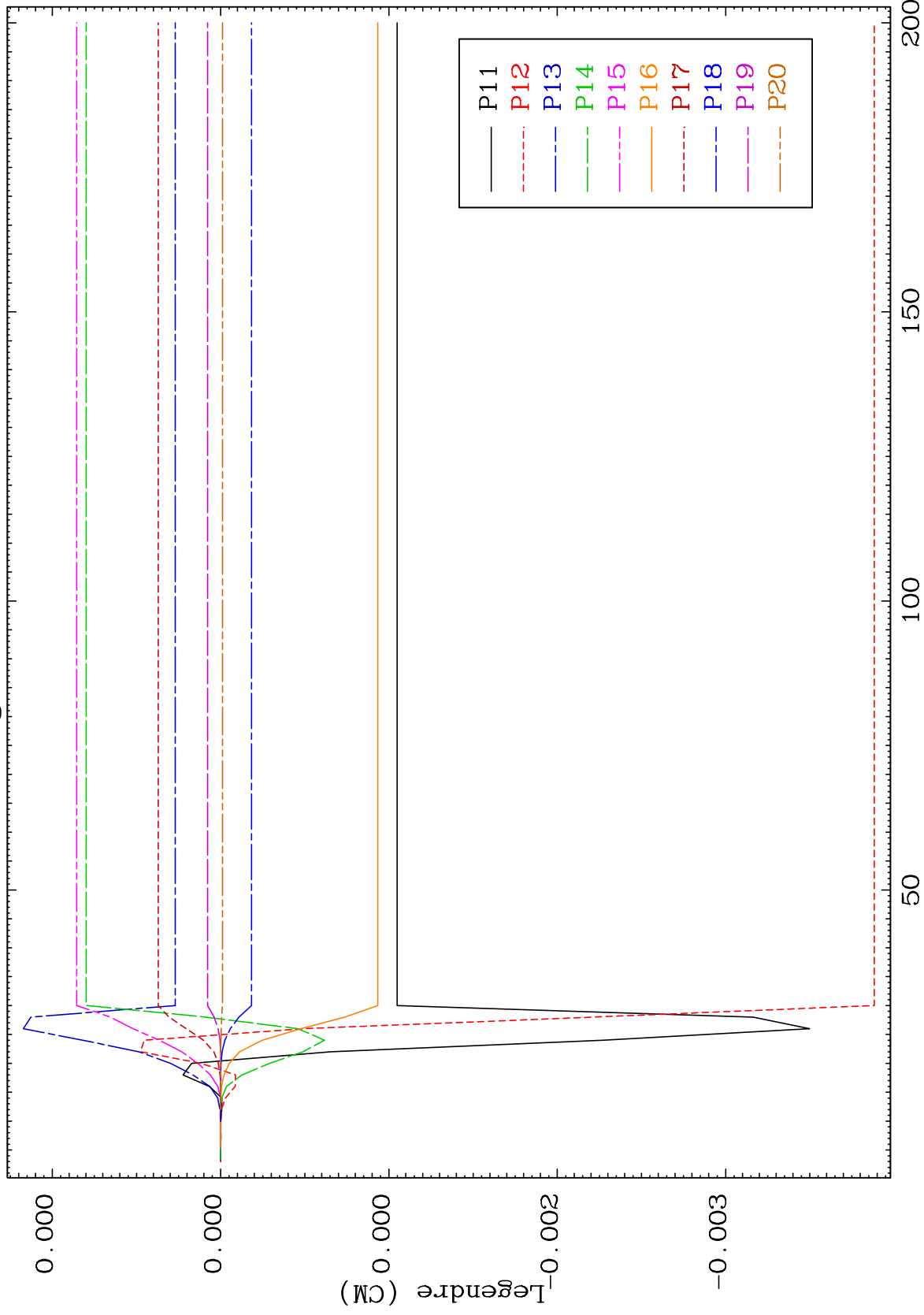
86-Rn-212



MAT 8628

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

86-Rn-212



64

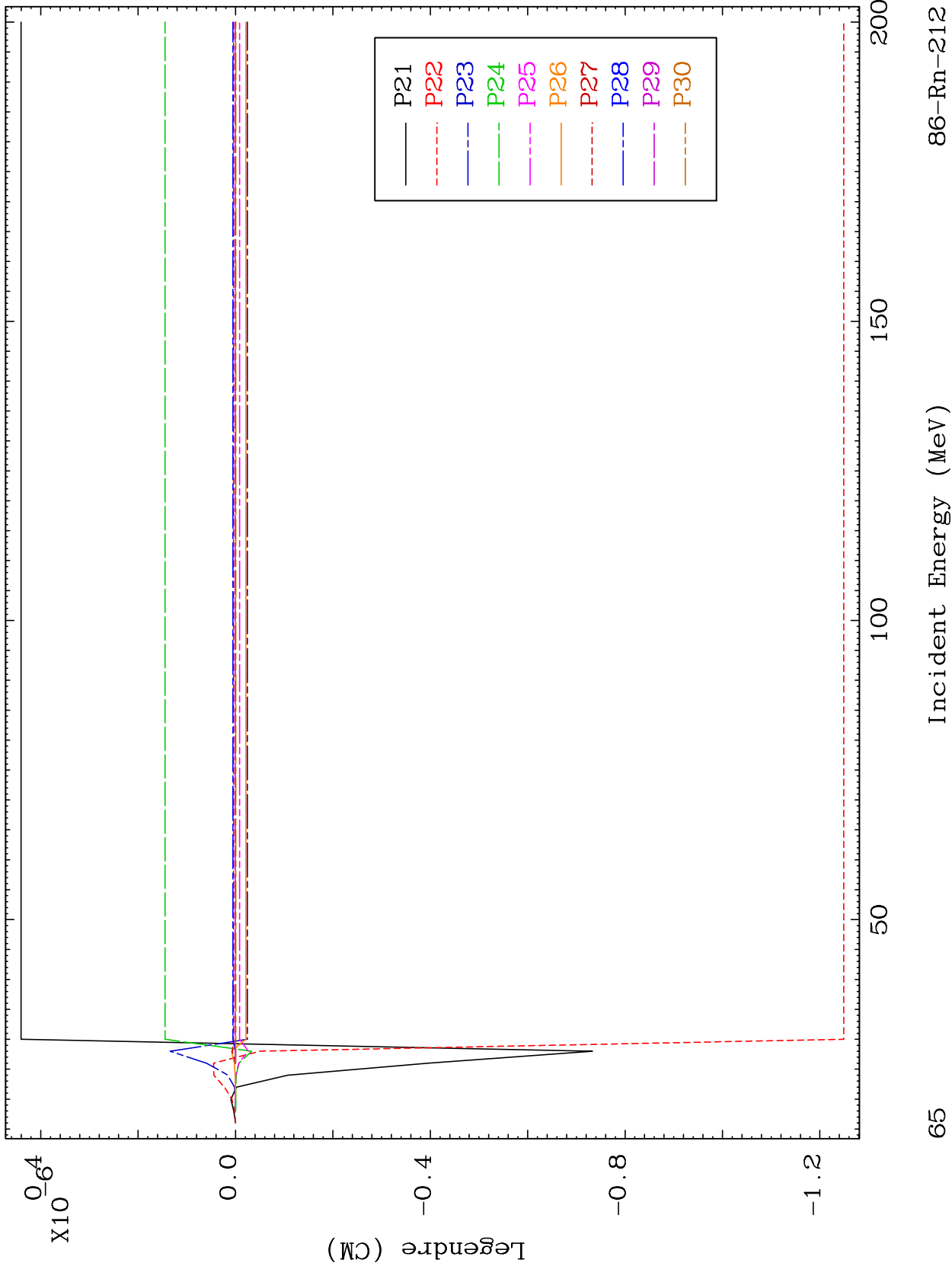
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

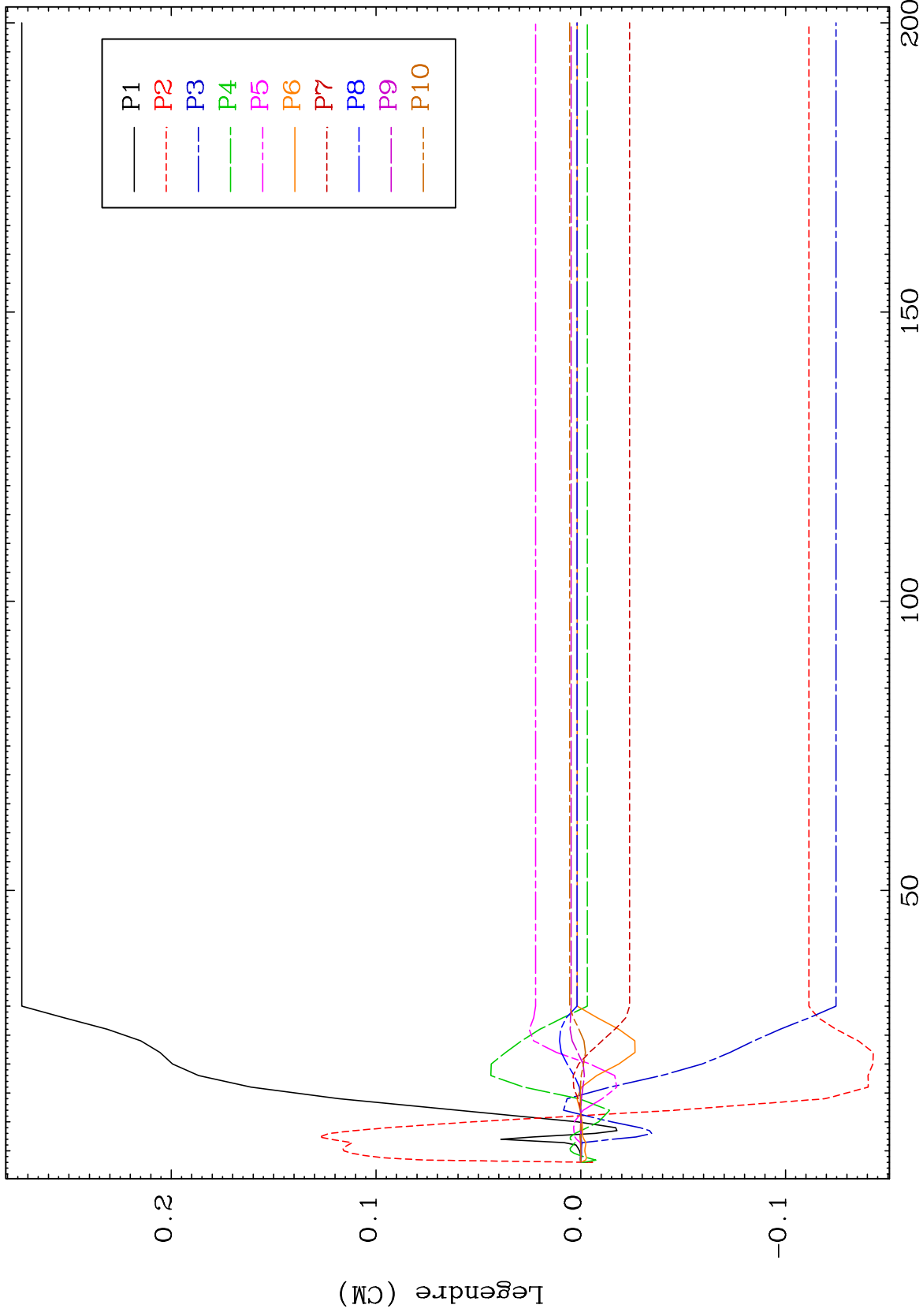
86-Rn-212



65

Incident Energy (MeV)

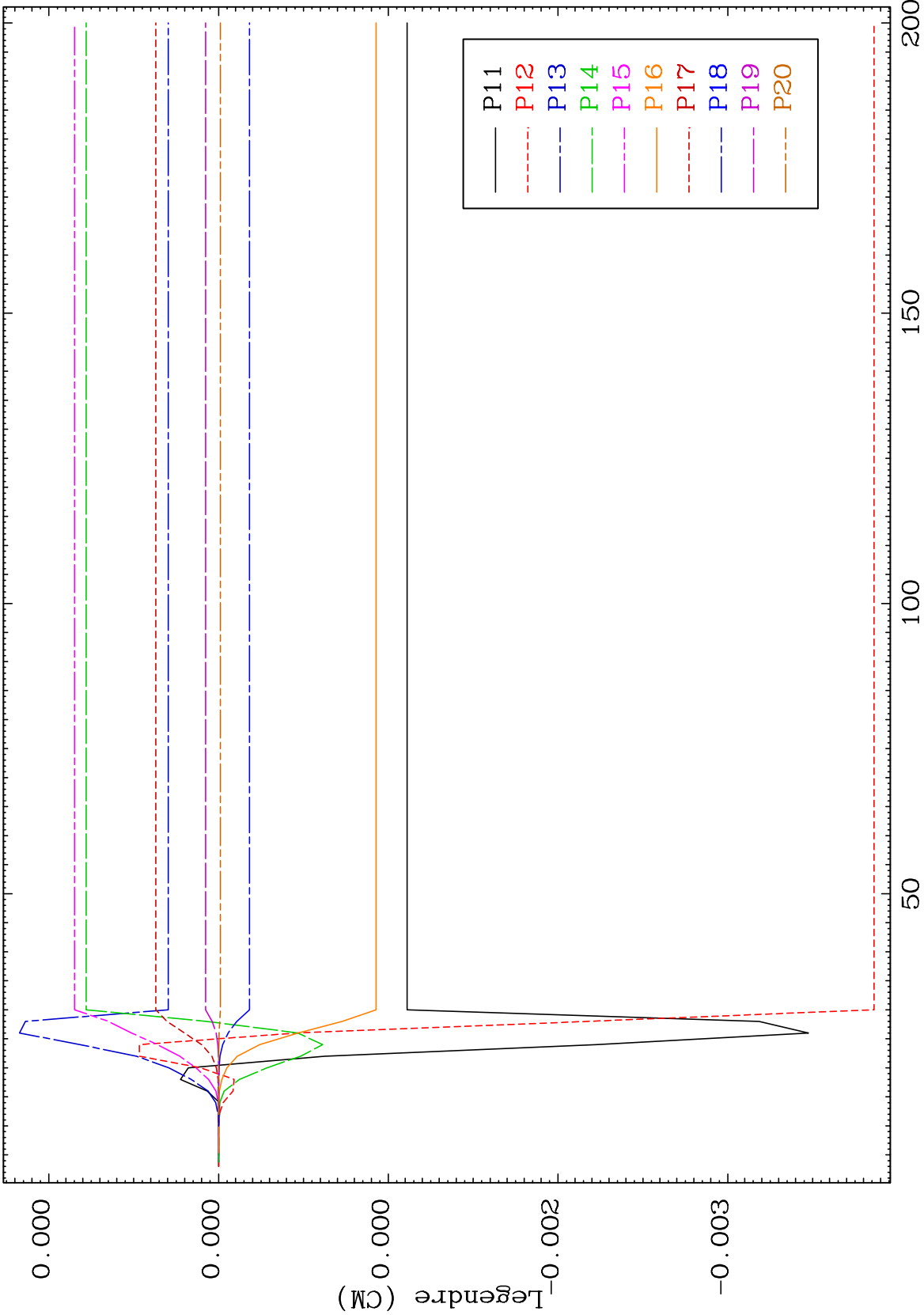
86-Rn-212



MAT 8628

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

86-Rn-212



67

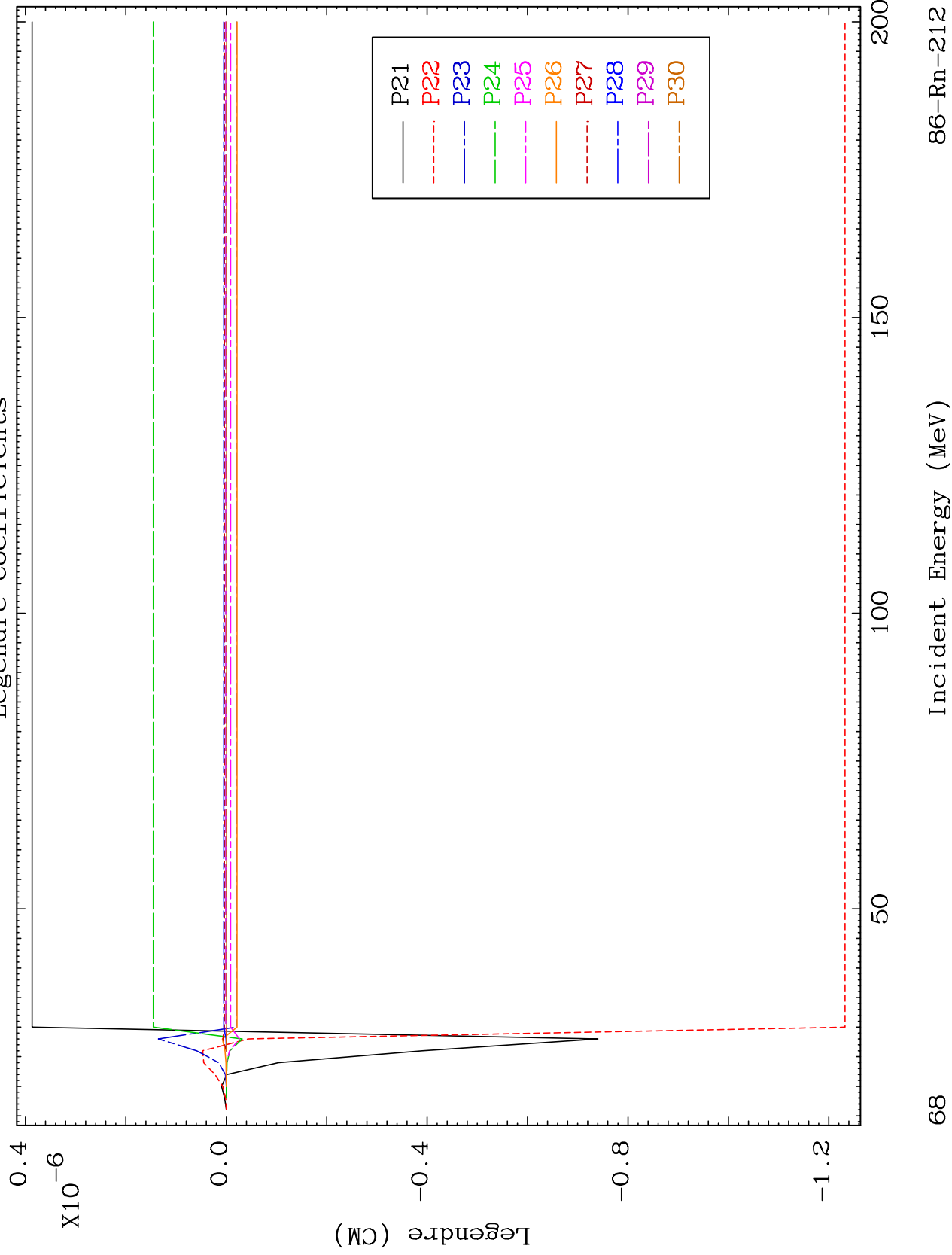
Incident Energy (MeV)

86-Rn-212

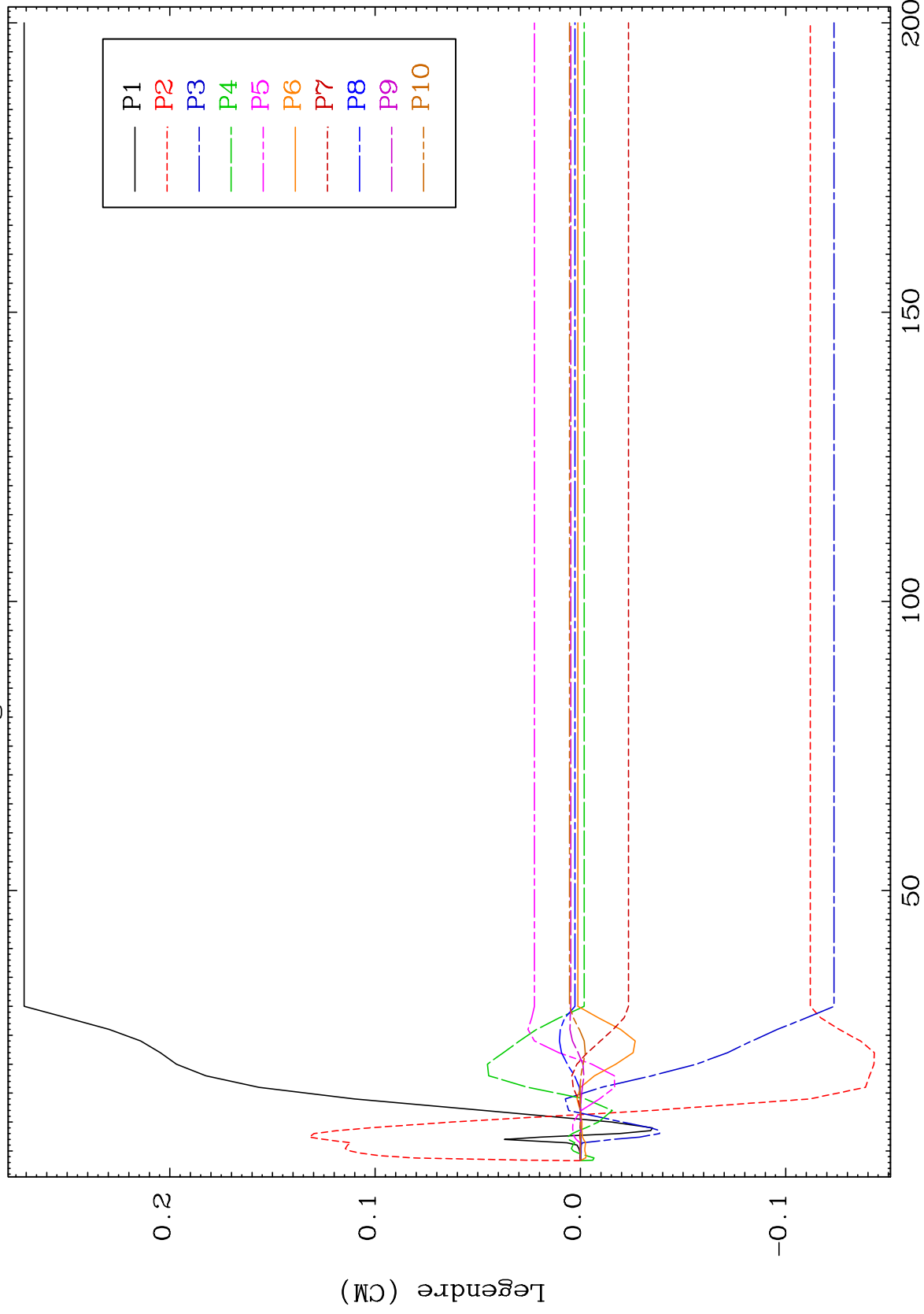
MAT 8628

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

86-Rn-212



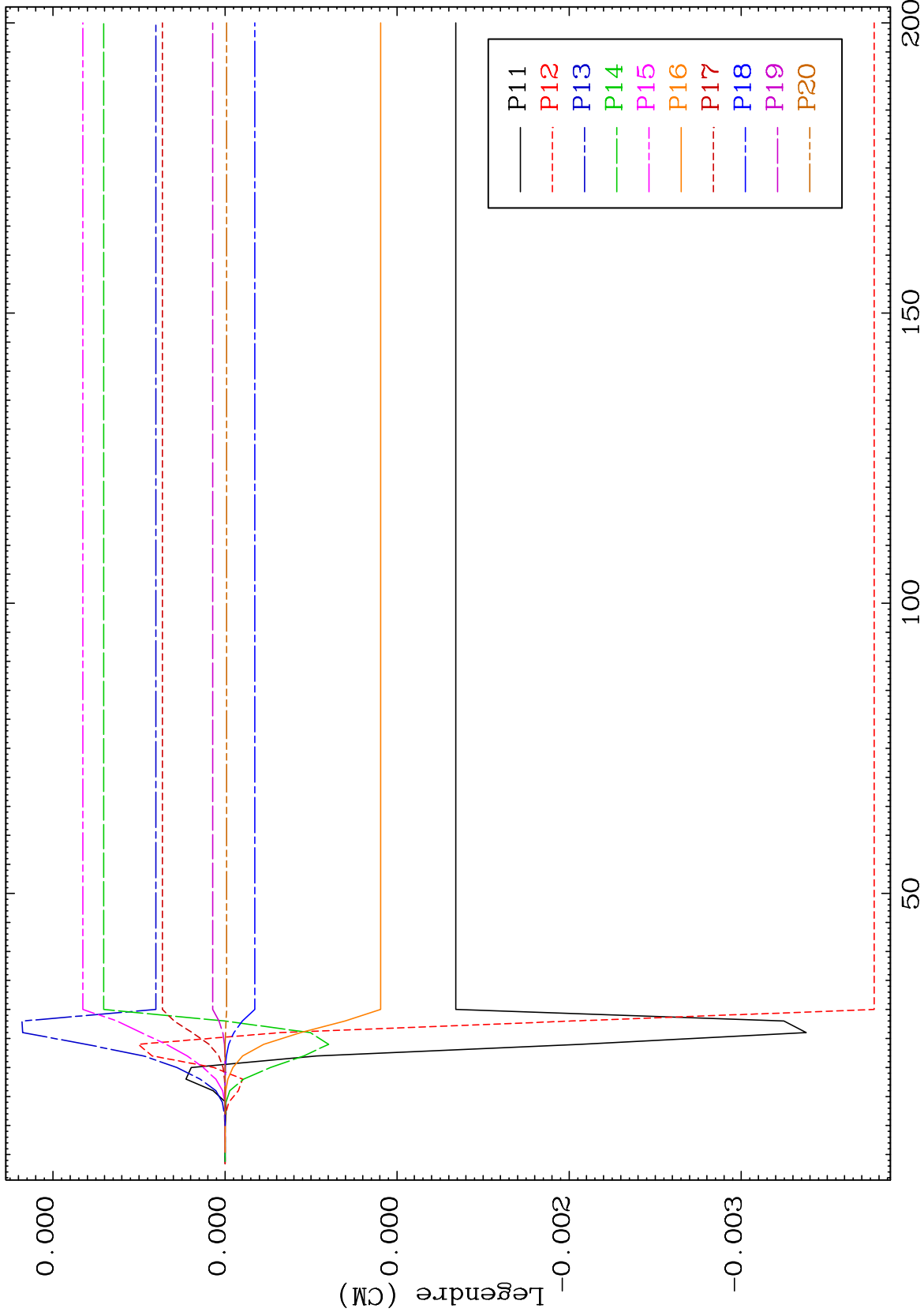
68



MAT 8628

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

86-Rn-212



70

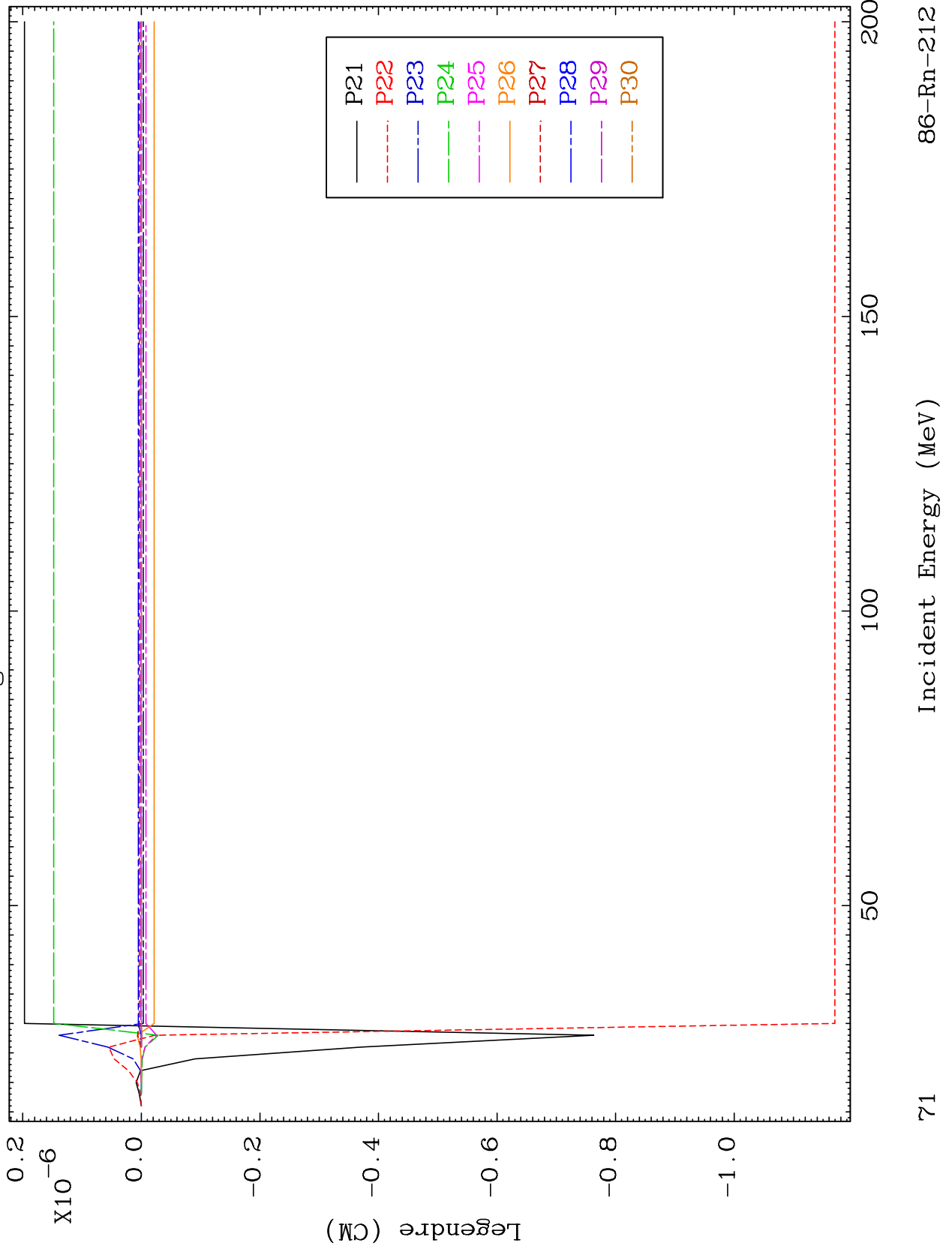
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

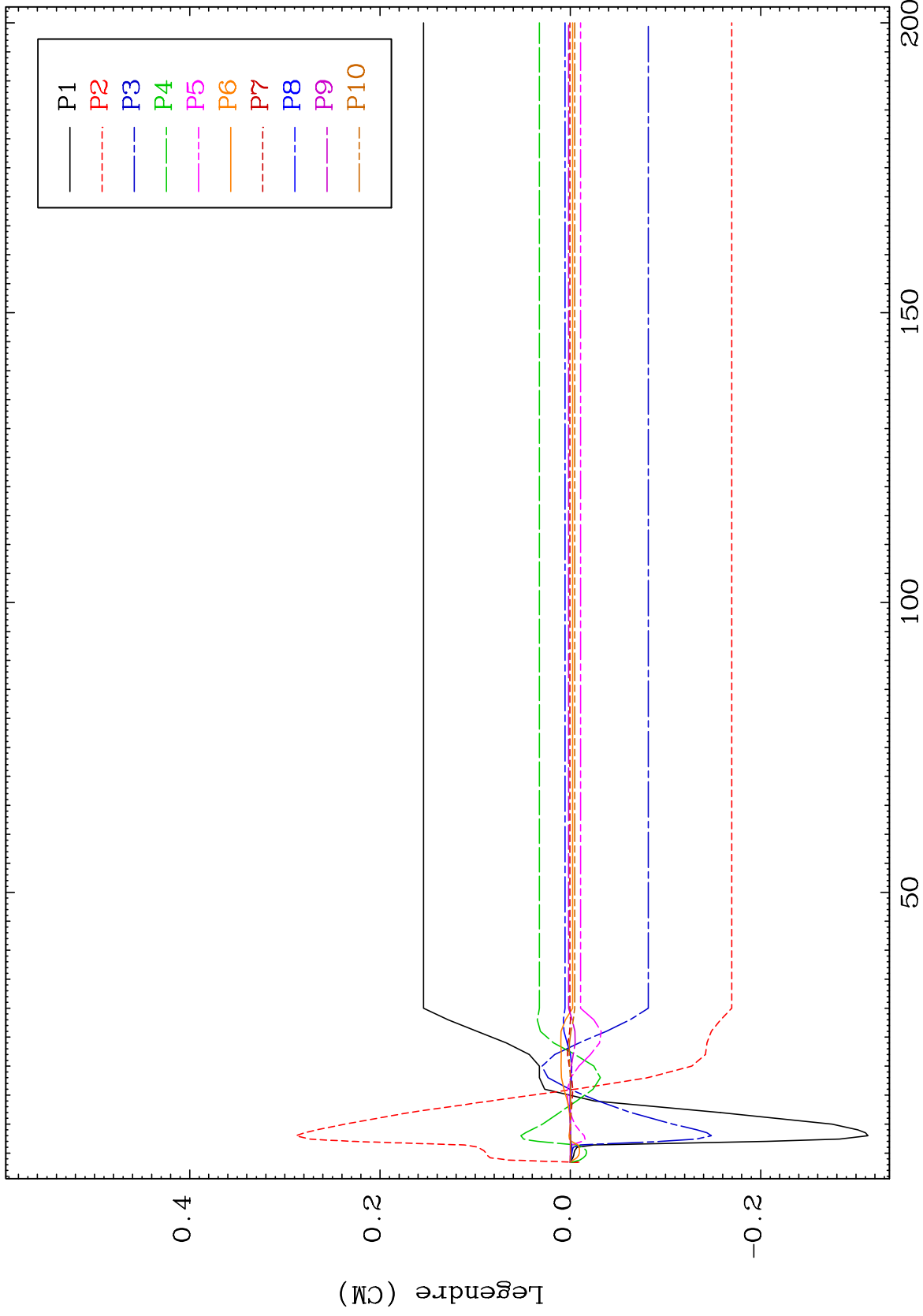
86-Rn-212



MAT 8628

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

86-Rn-212



72

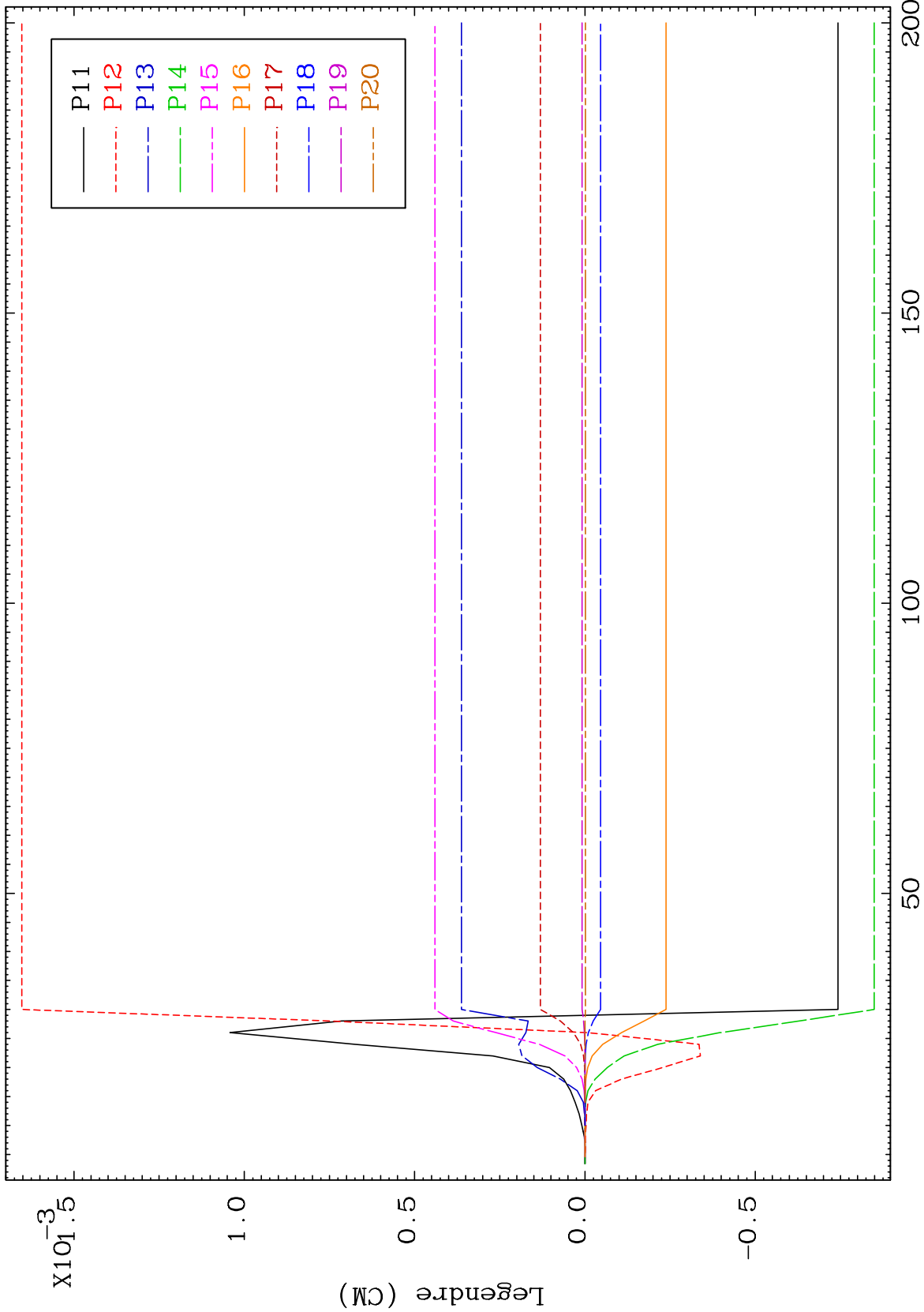
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



73

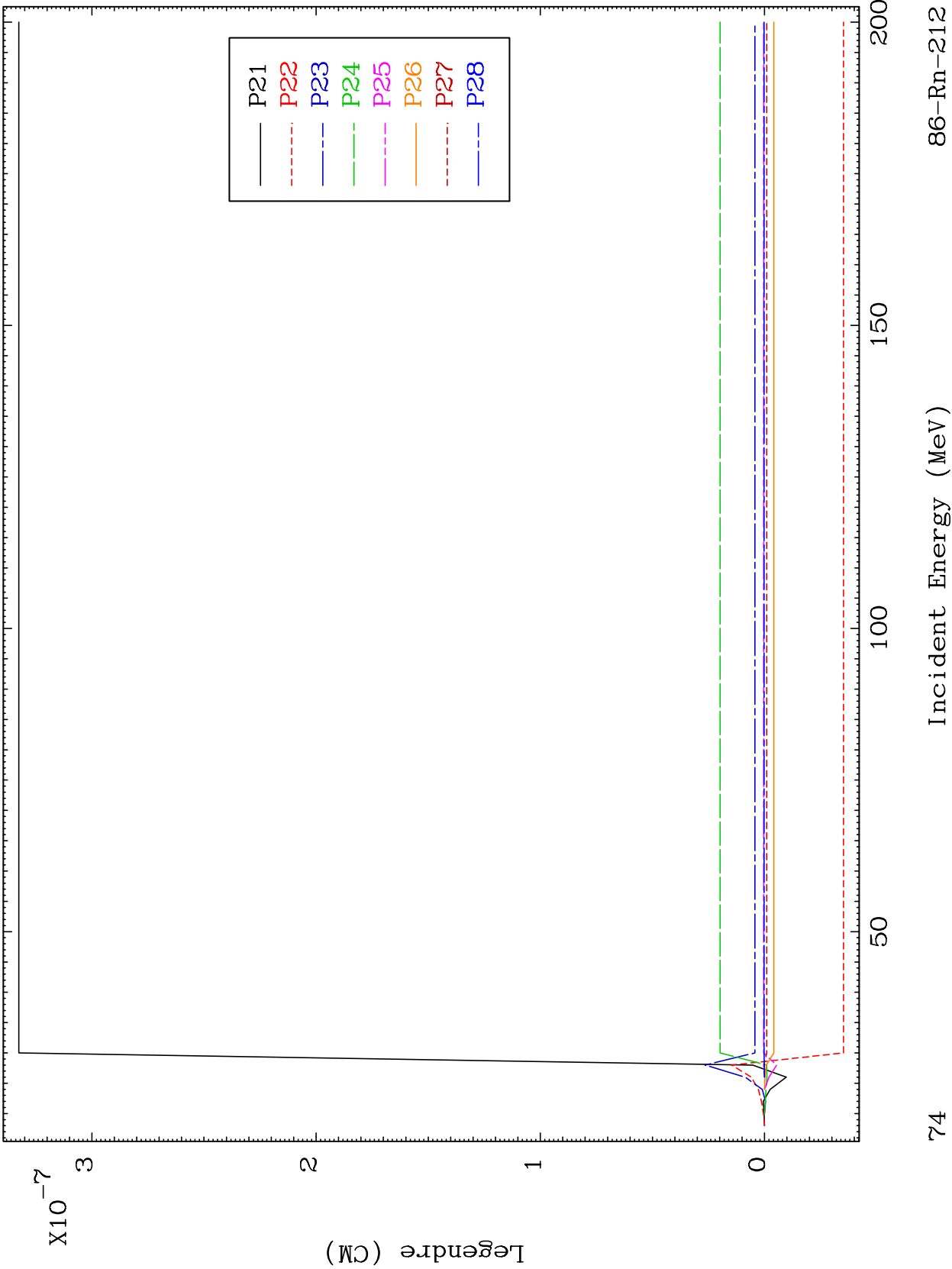
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



74

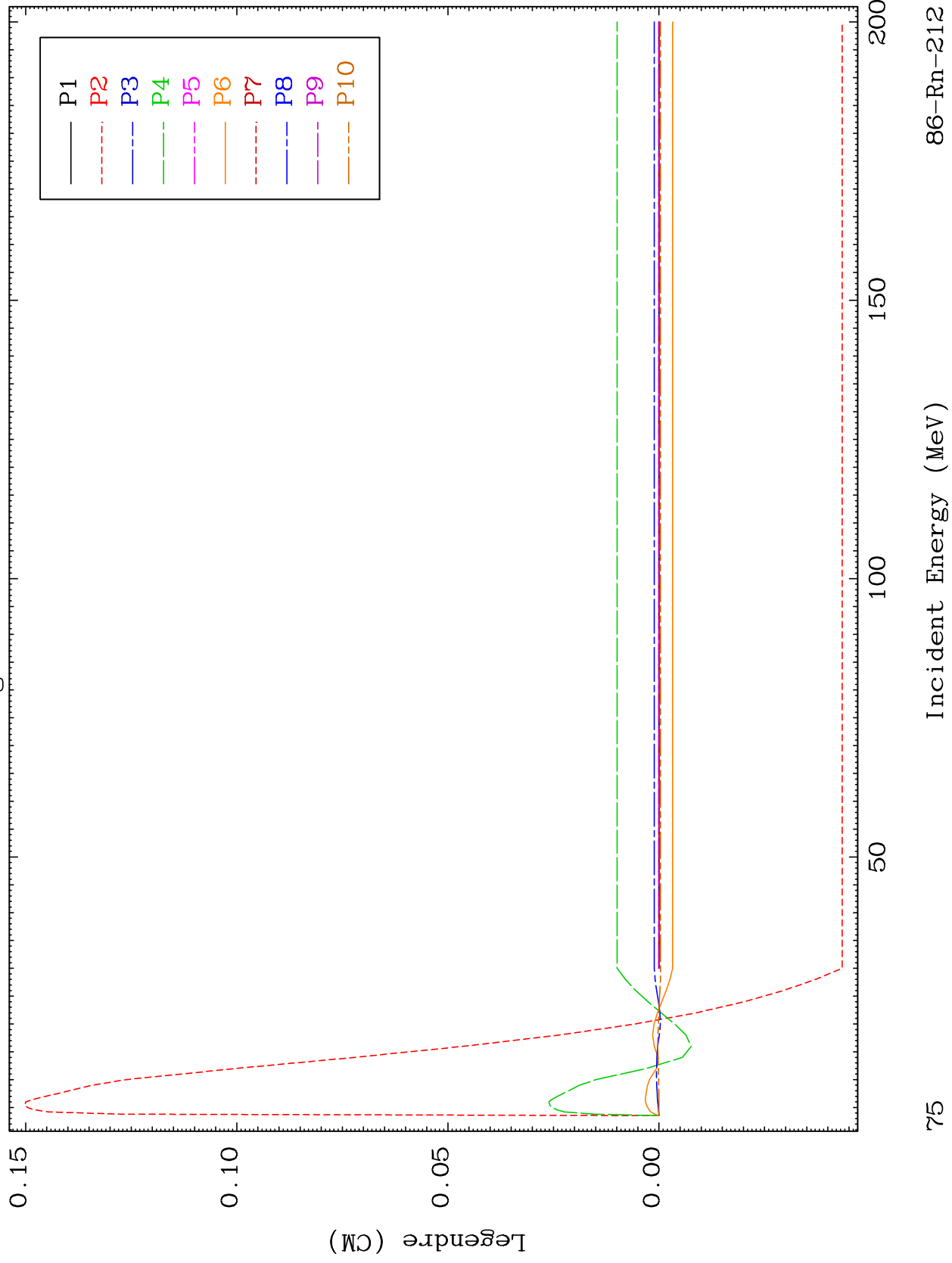
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



75

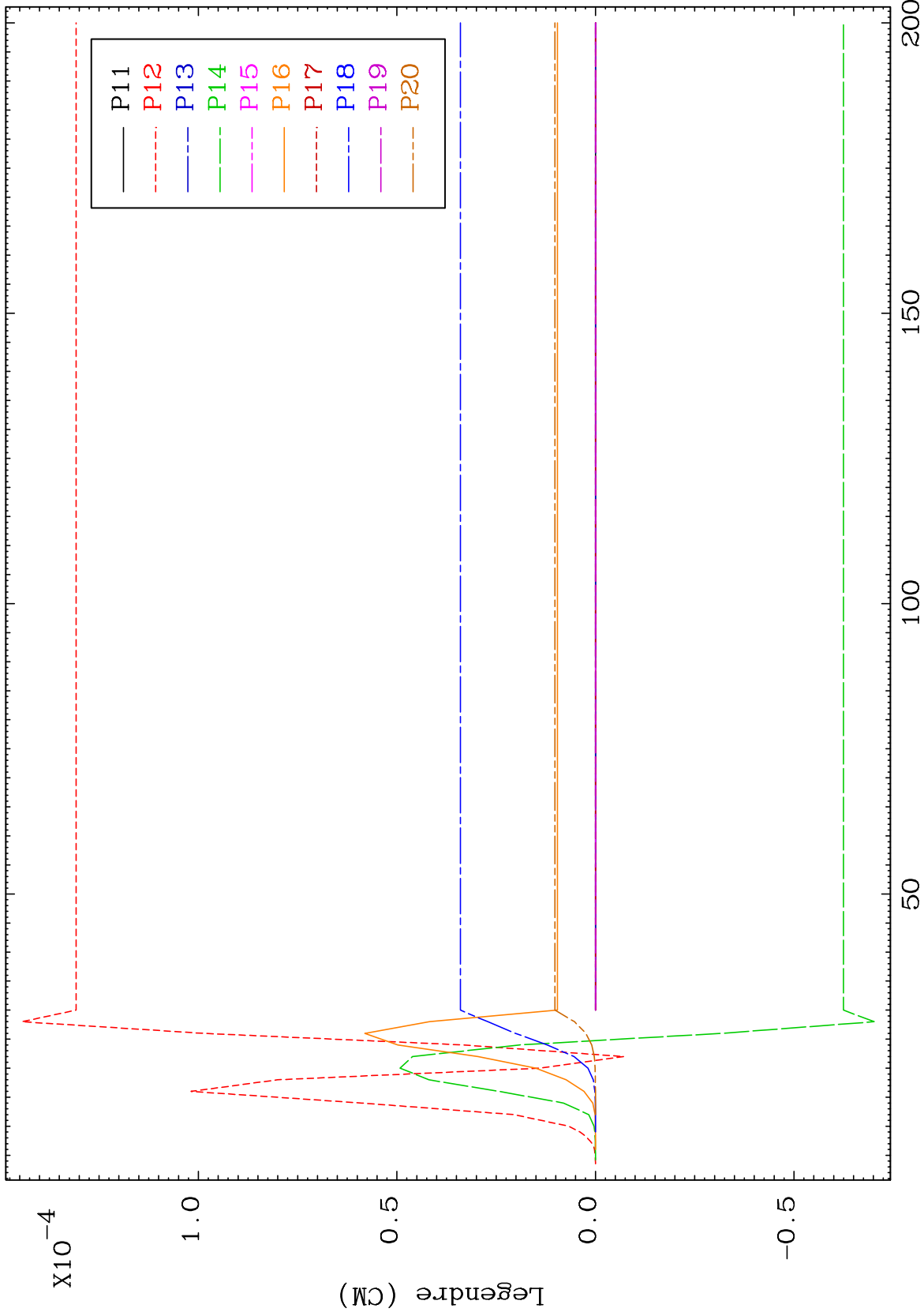
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212

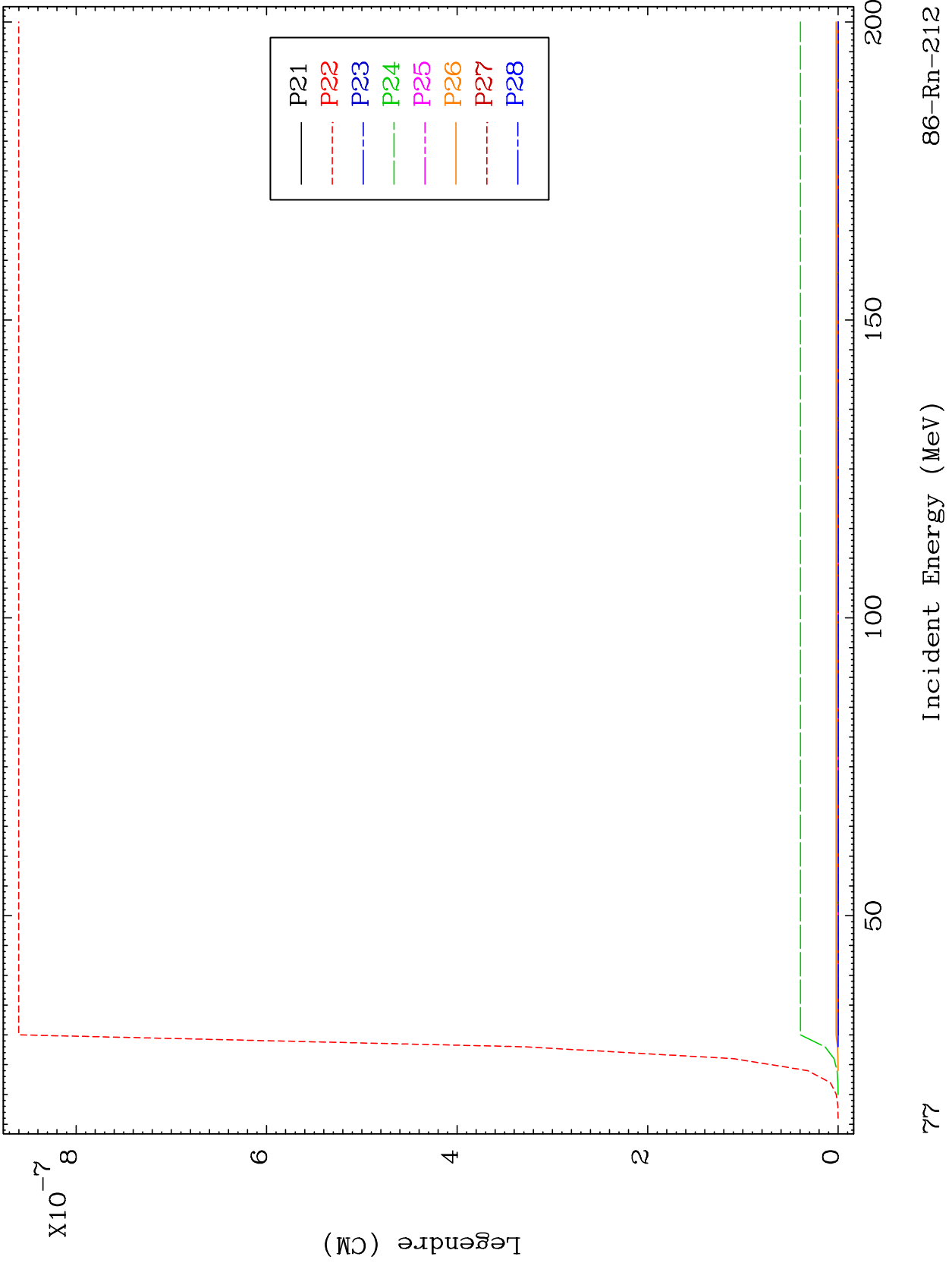


76

Incident Energy (MeV)

86-Rn-212

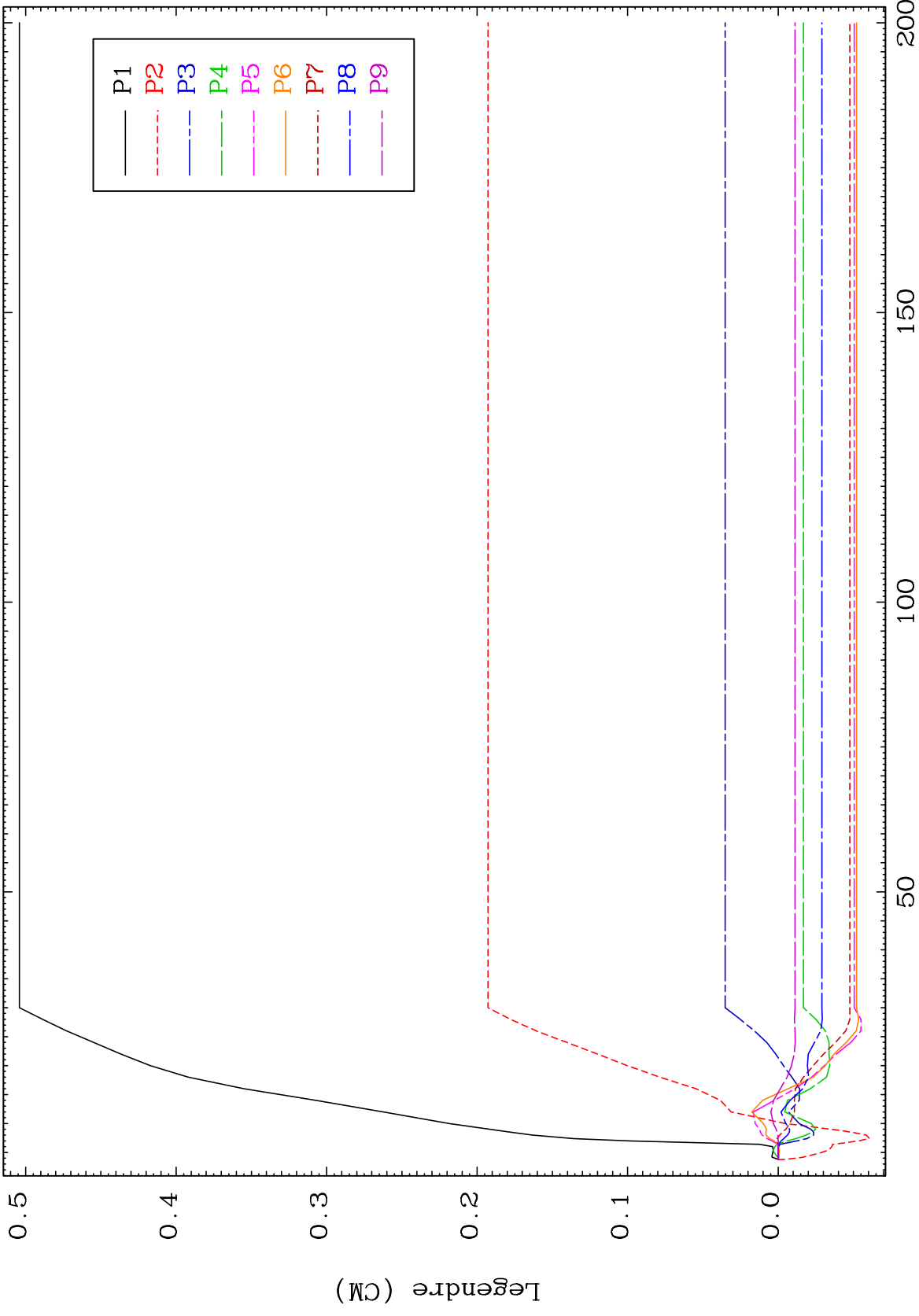
MAT 8628 MT= 66 (n,n') Level Legendre Coefficients 86-Rn-212



MAT 8628

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

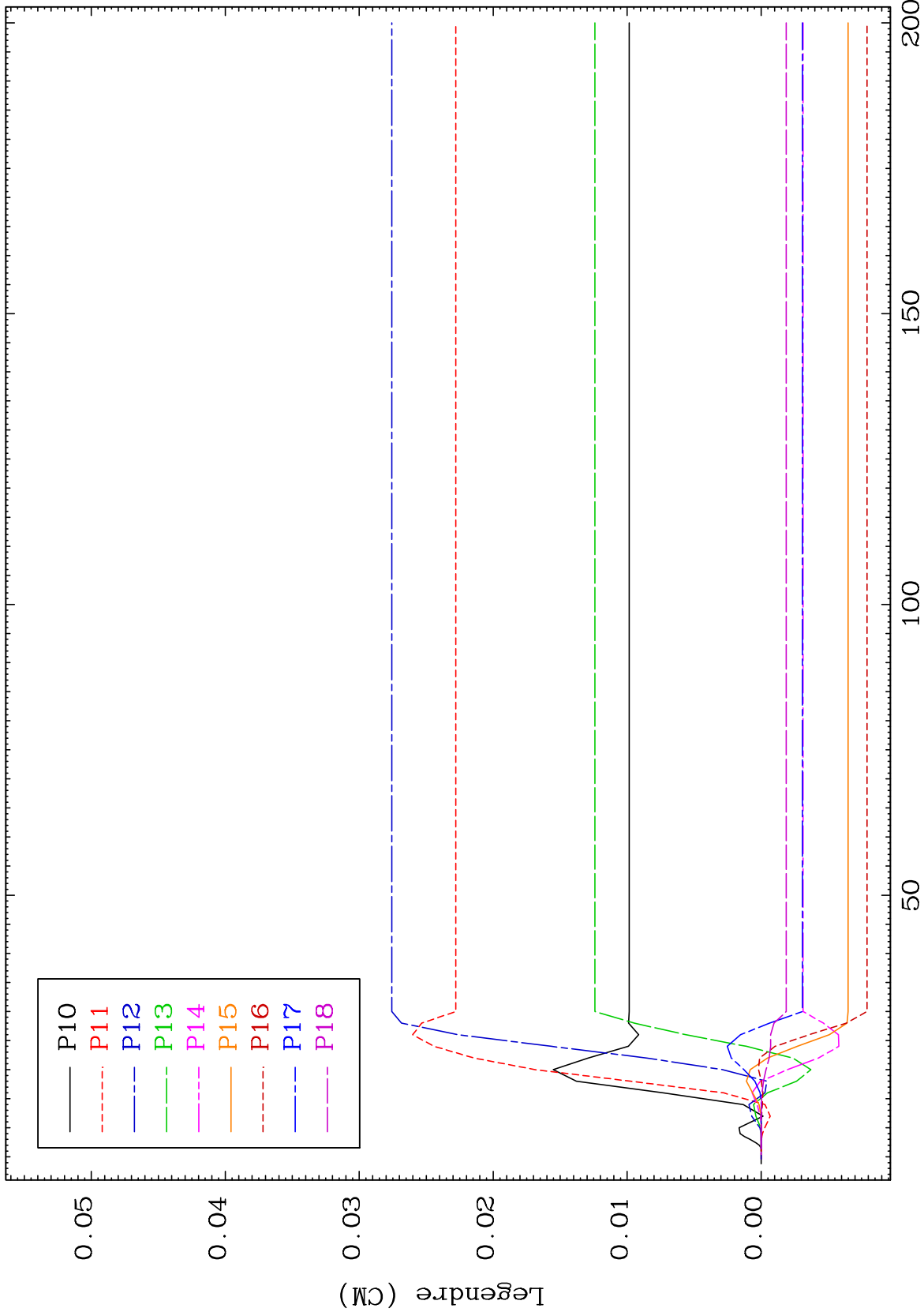
86-Rn-212



78

Incident Energy (MeV)

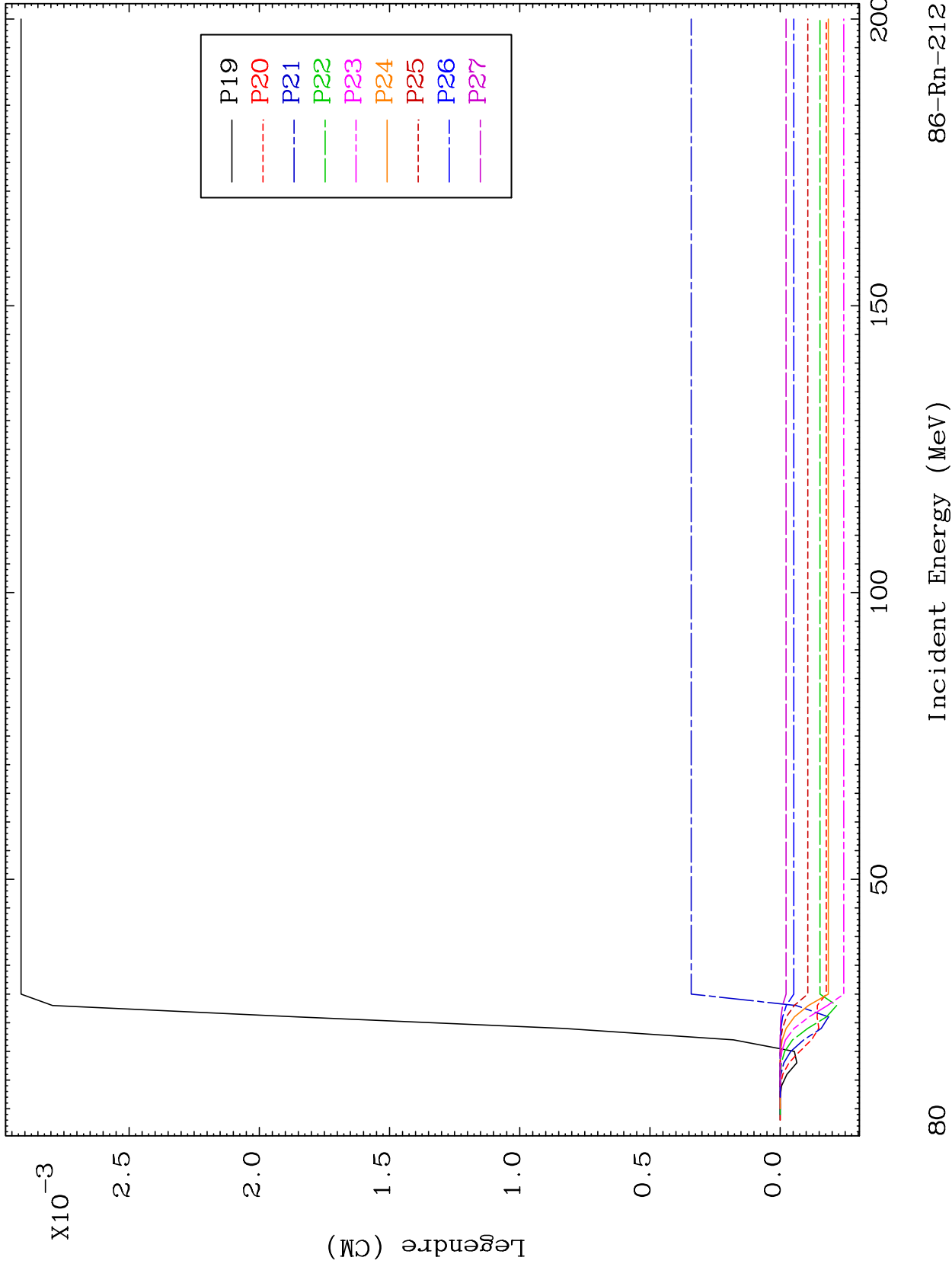
86-Rn-212



MAT 8628

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

86-Rn-212

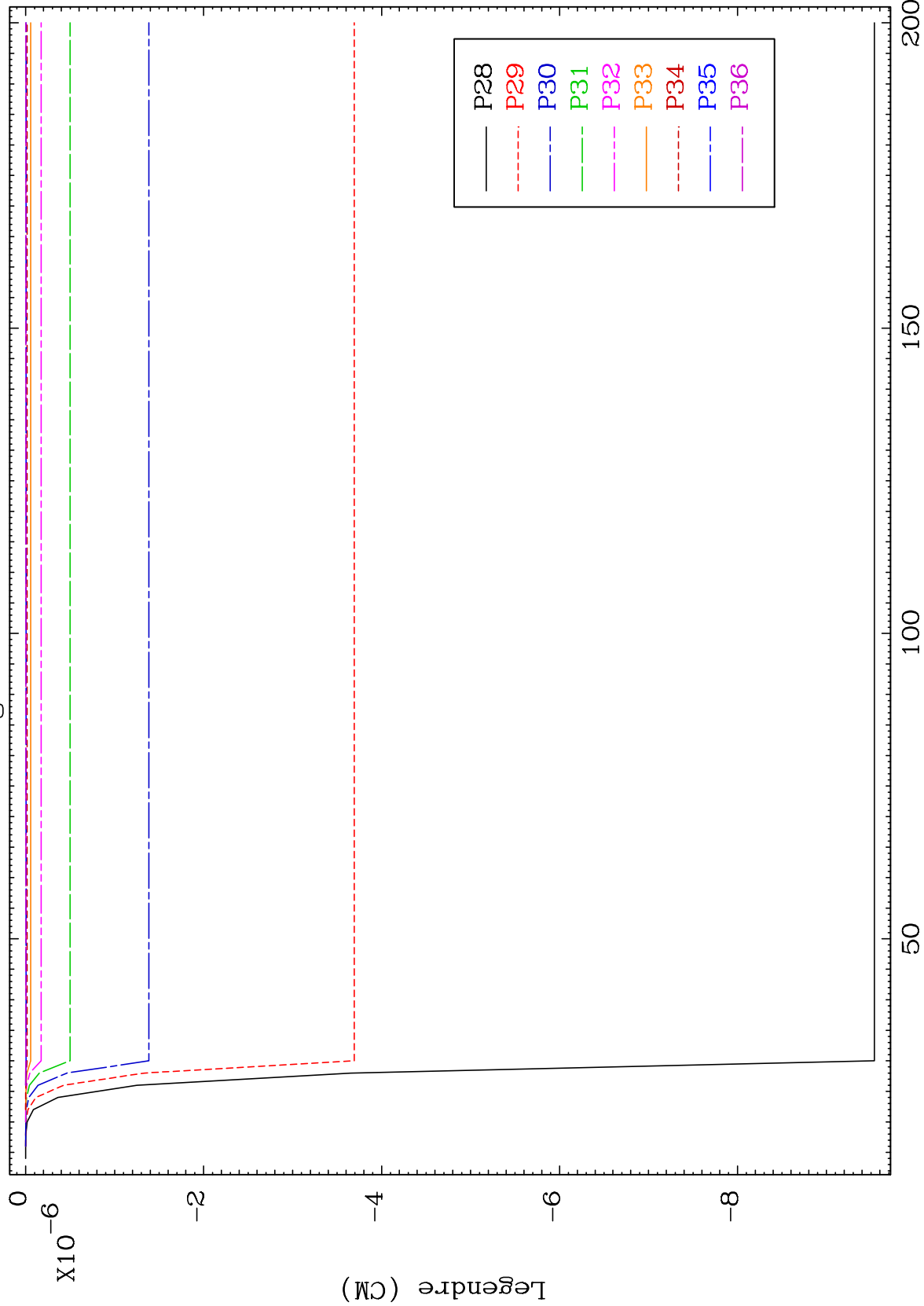


MAT 8628

MT= 67 (n,n') Level

86-Rn-212

Legendre Coefficients



81

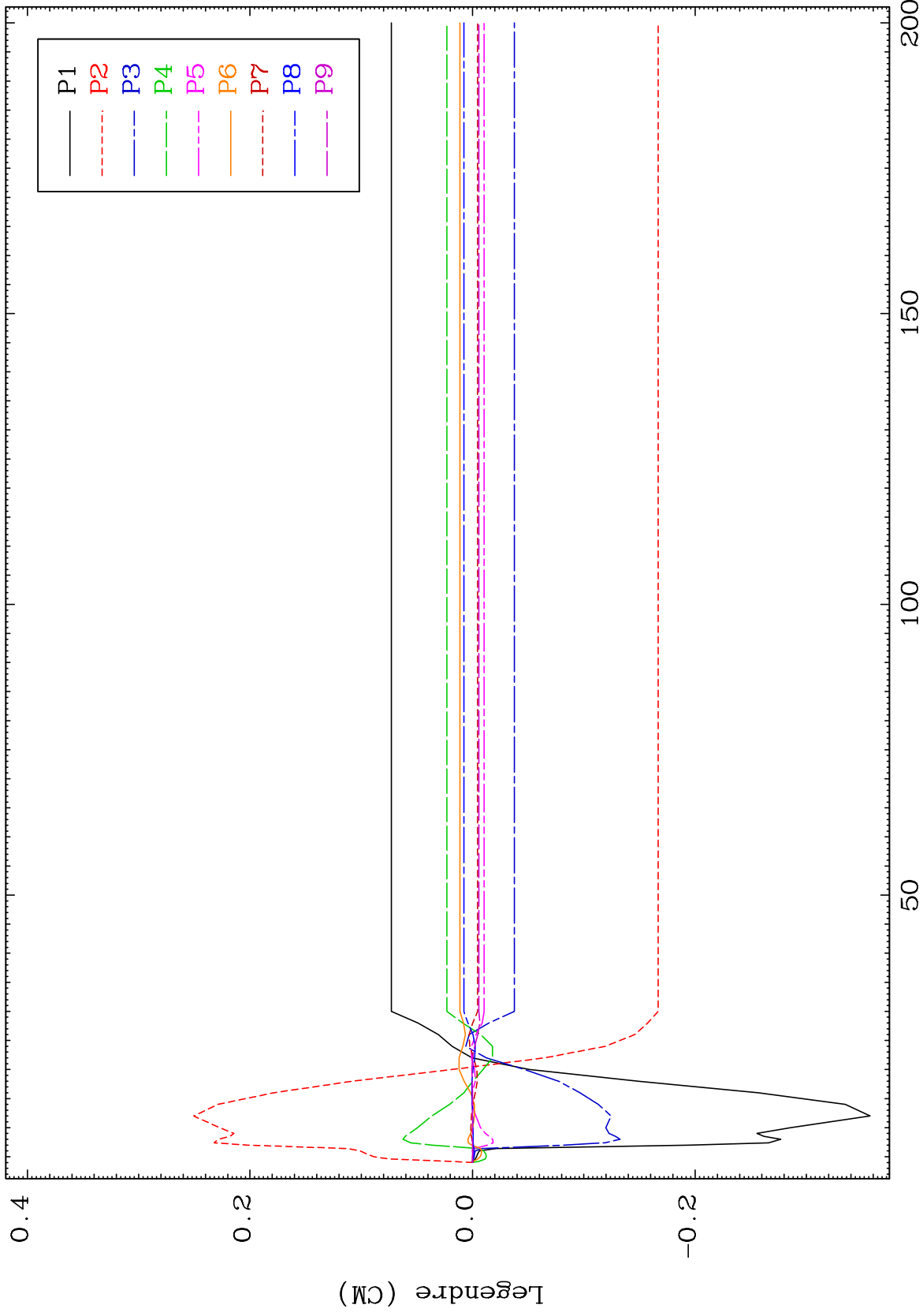
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

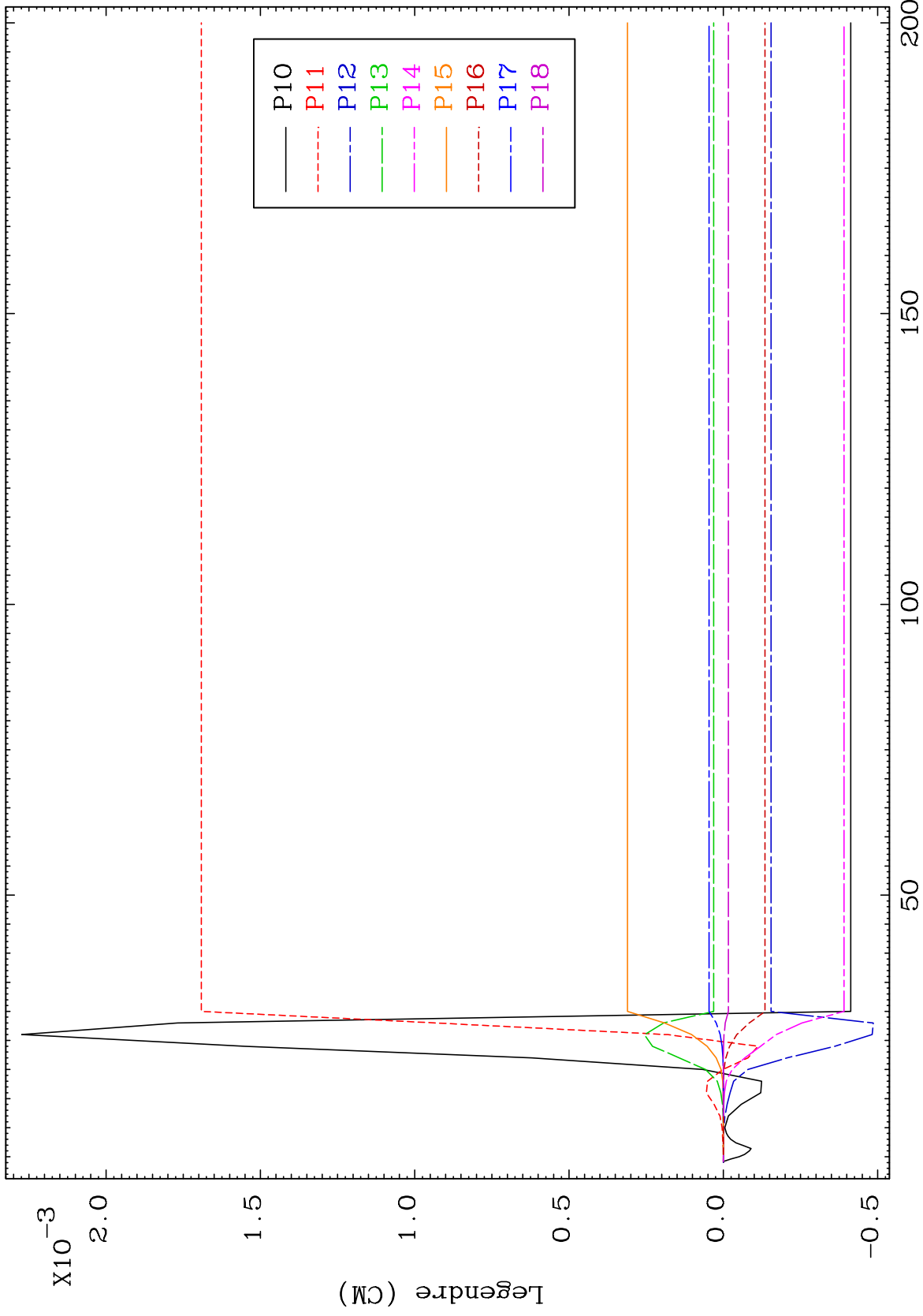
86-Rn-212



82

Incident Energy (MeV)

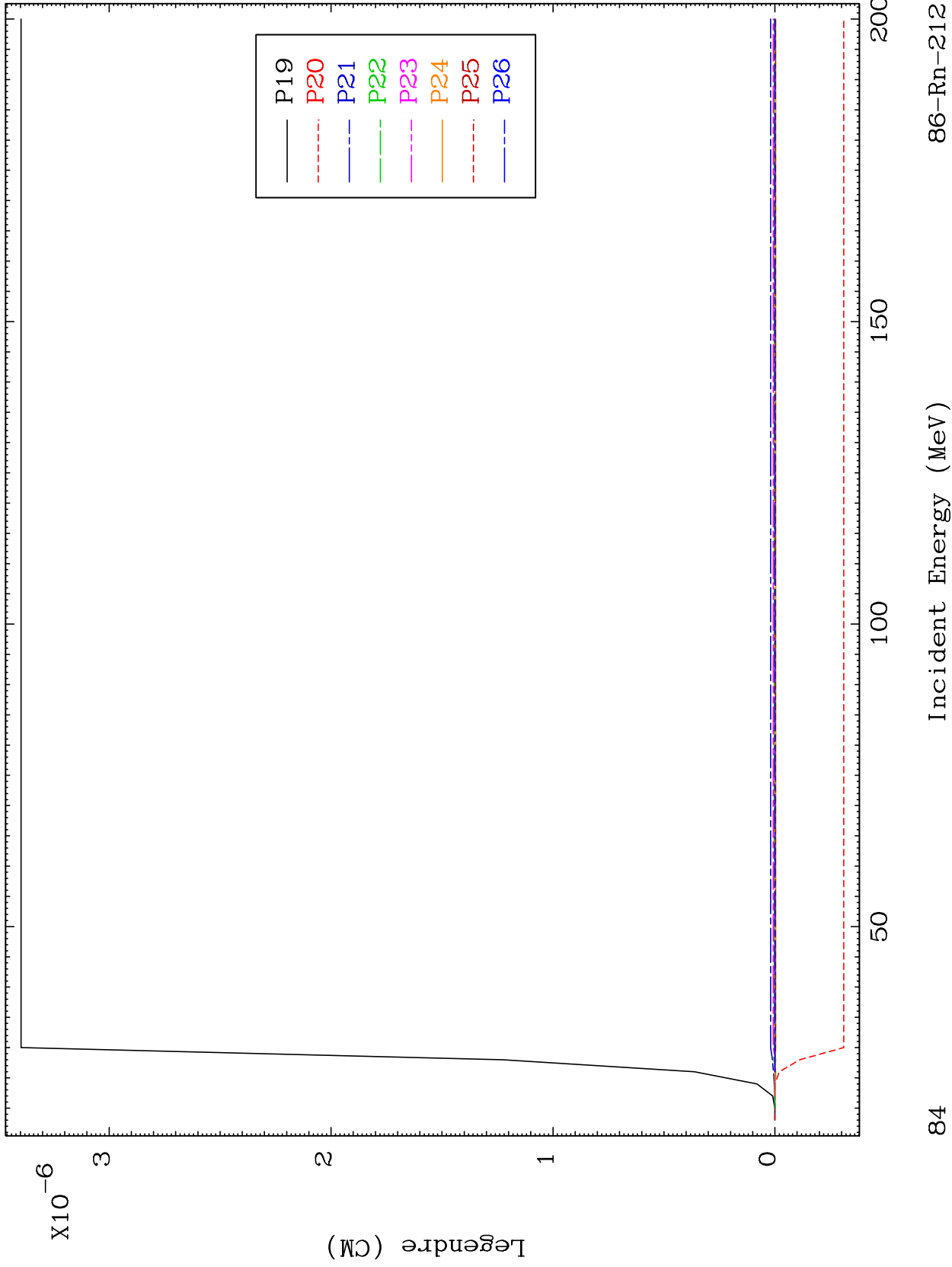
86-Rn-212



MAT 8628

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

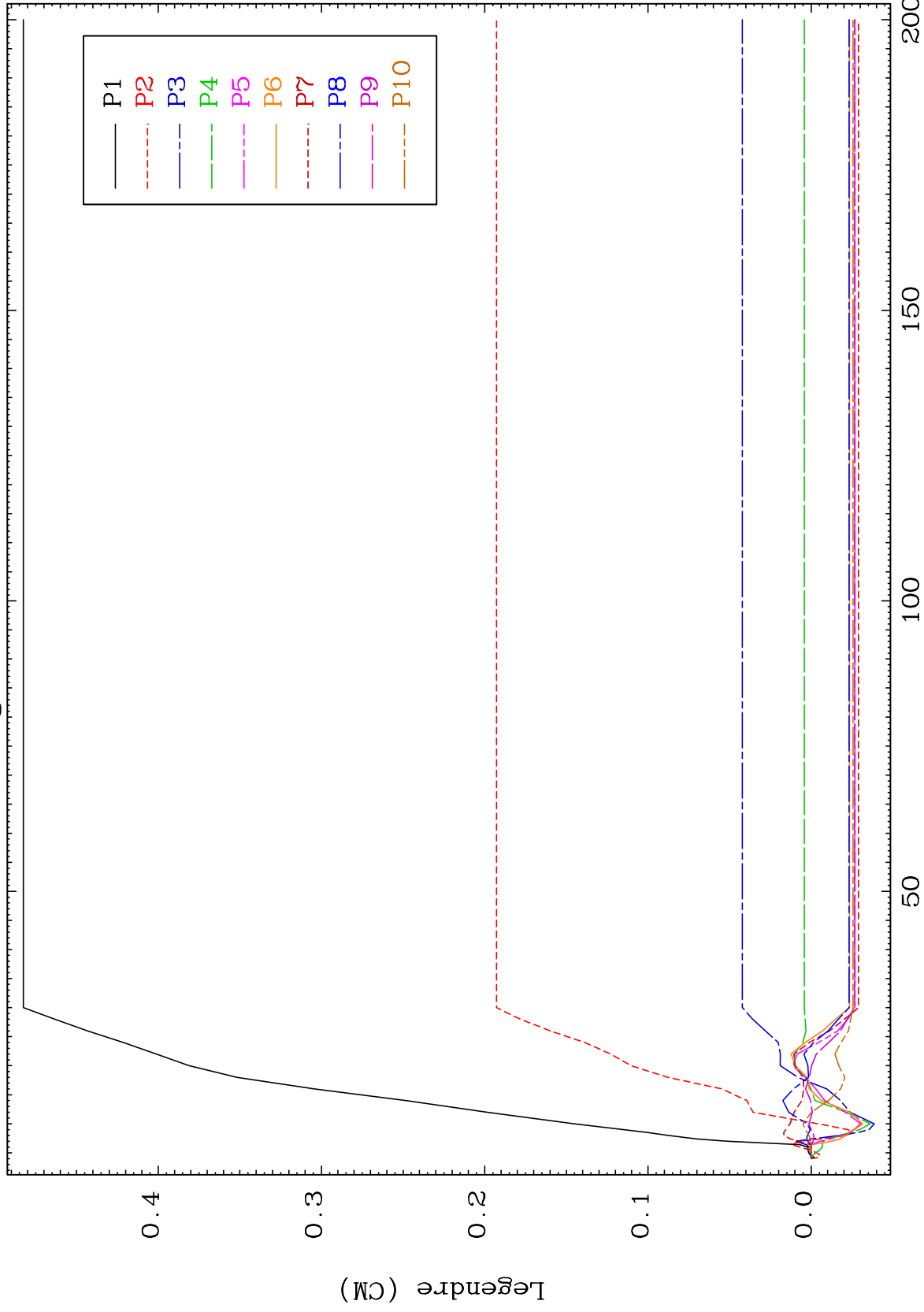
86-Rn-212



MAT 8628

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

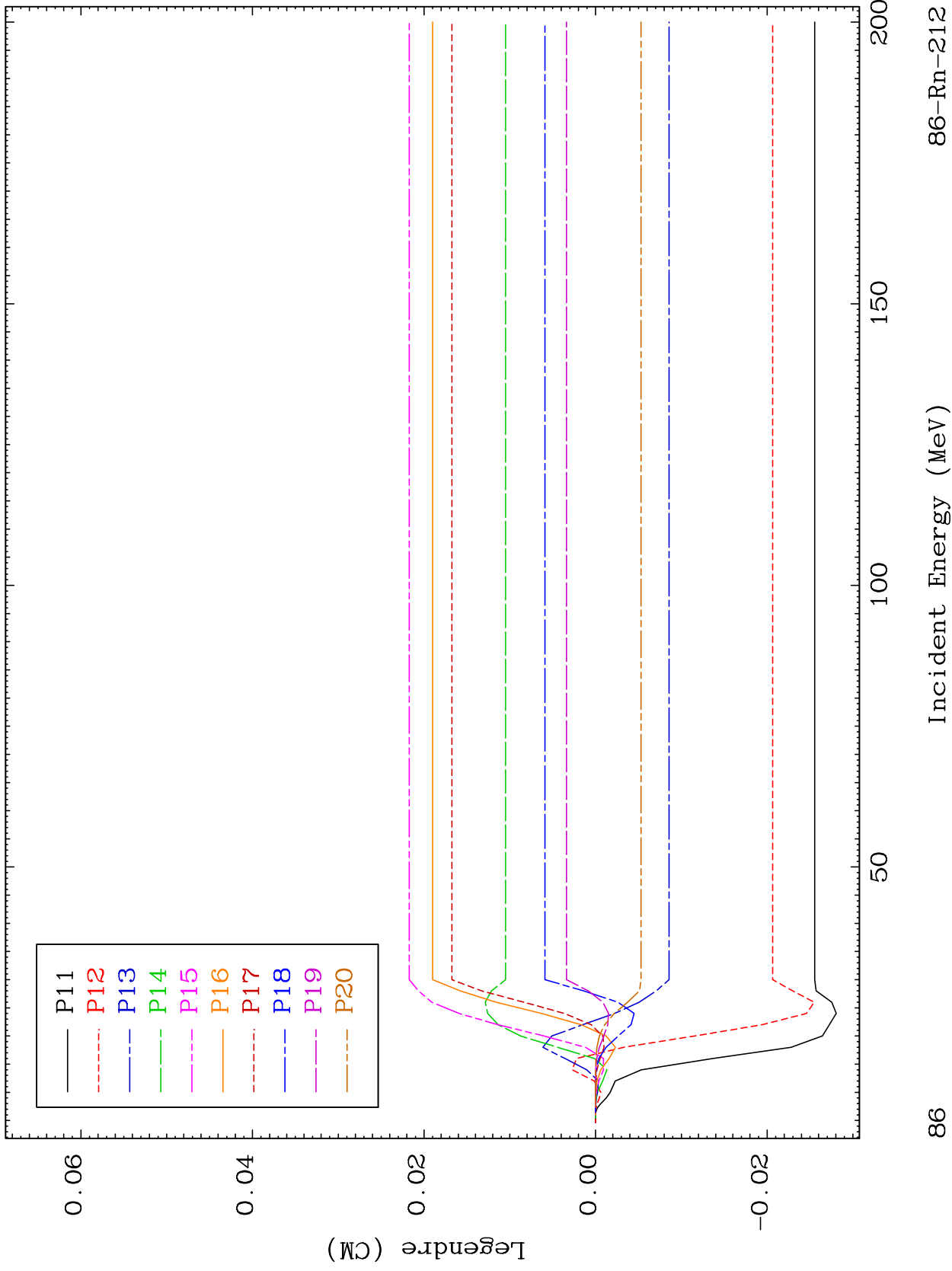
86-Rn-212



85

Incident Energy (MeV)

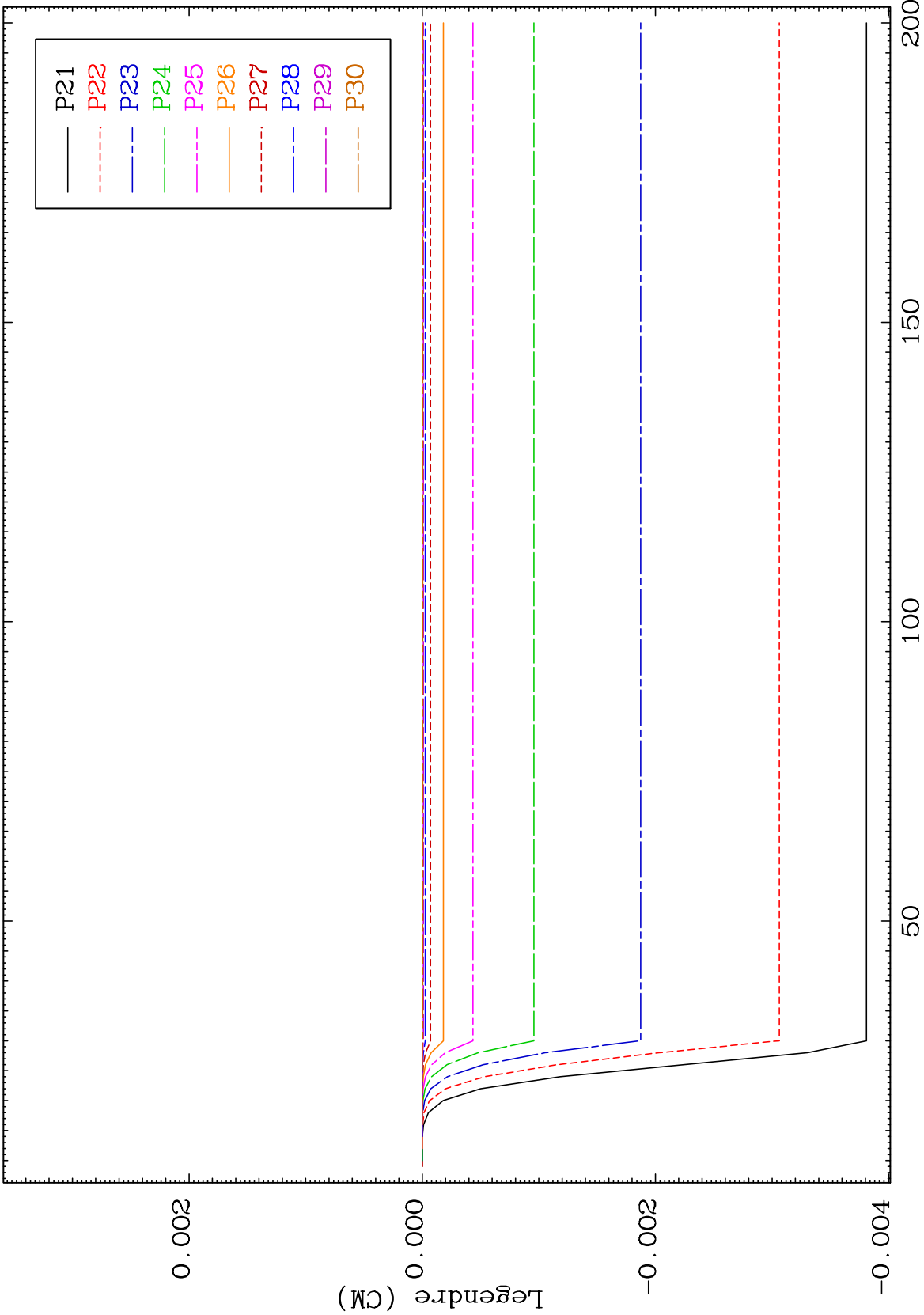
86-Rn-212



MAT 8628

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

86-Rn-212



87

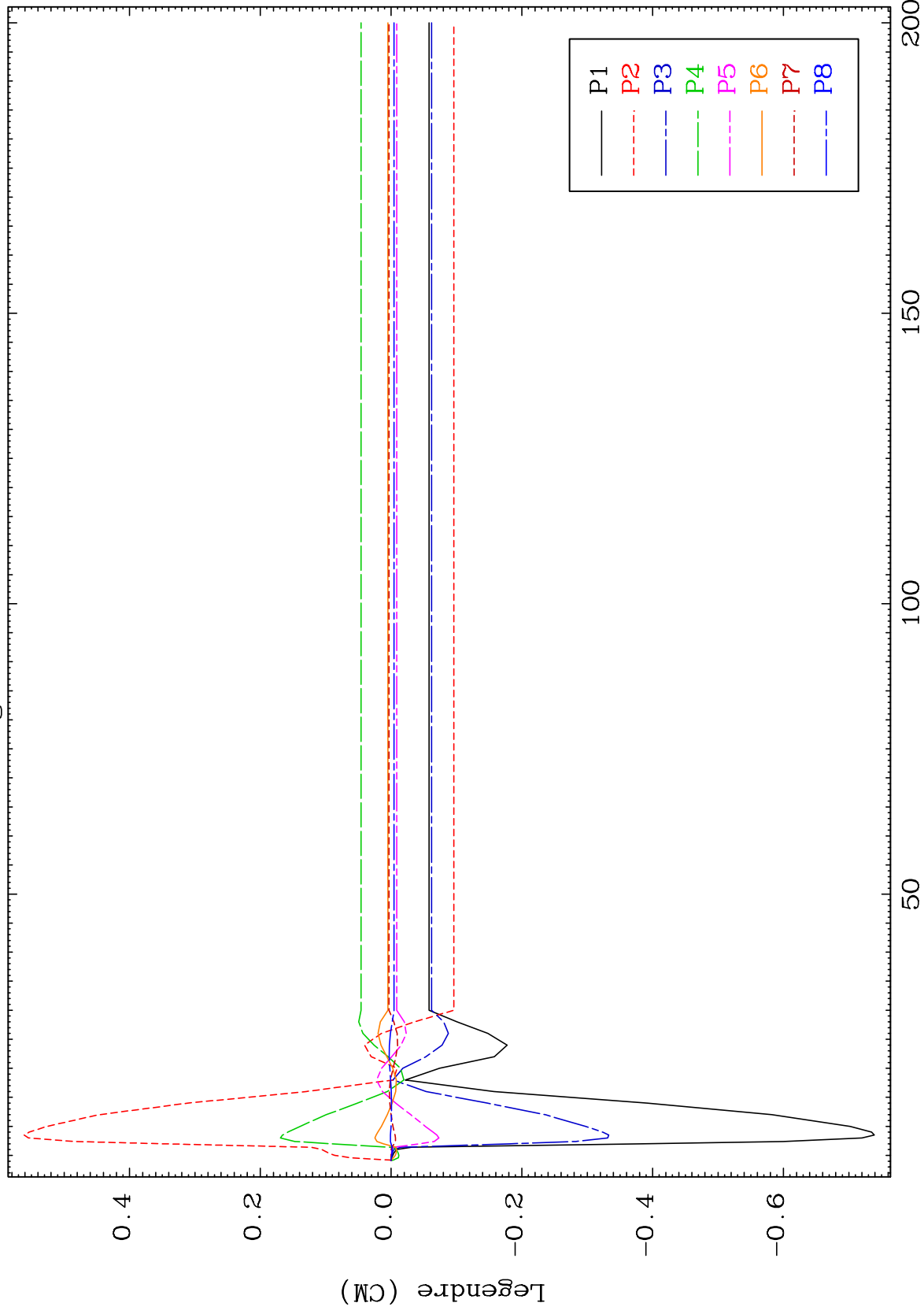
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



89

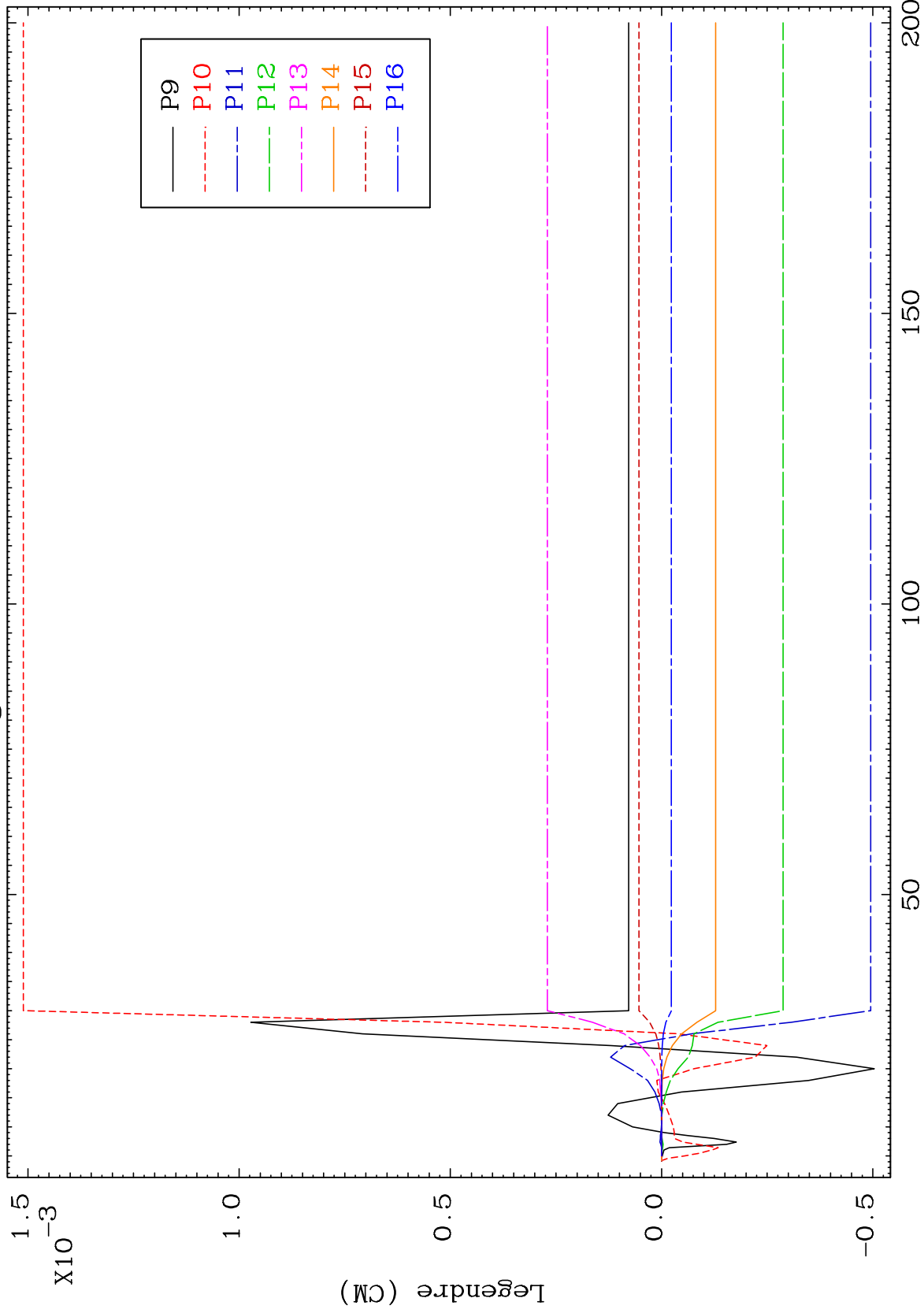
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



90

Incident Energy (MeV)

50

100

150

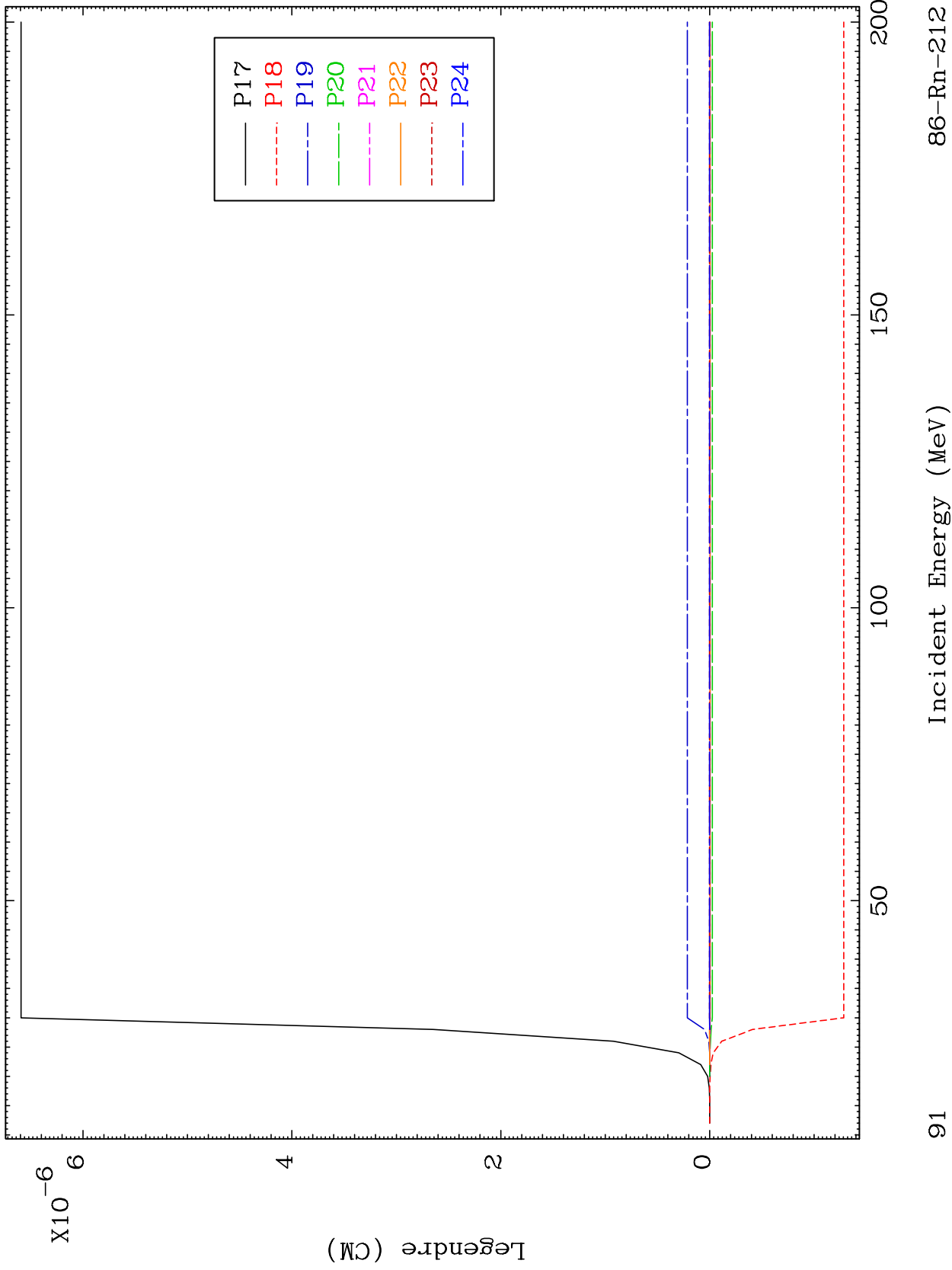
200

86-Rn-212

MAT 8628

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

86-Rn-212



91

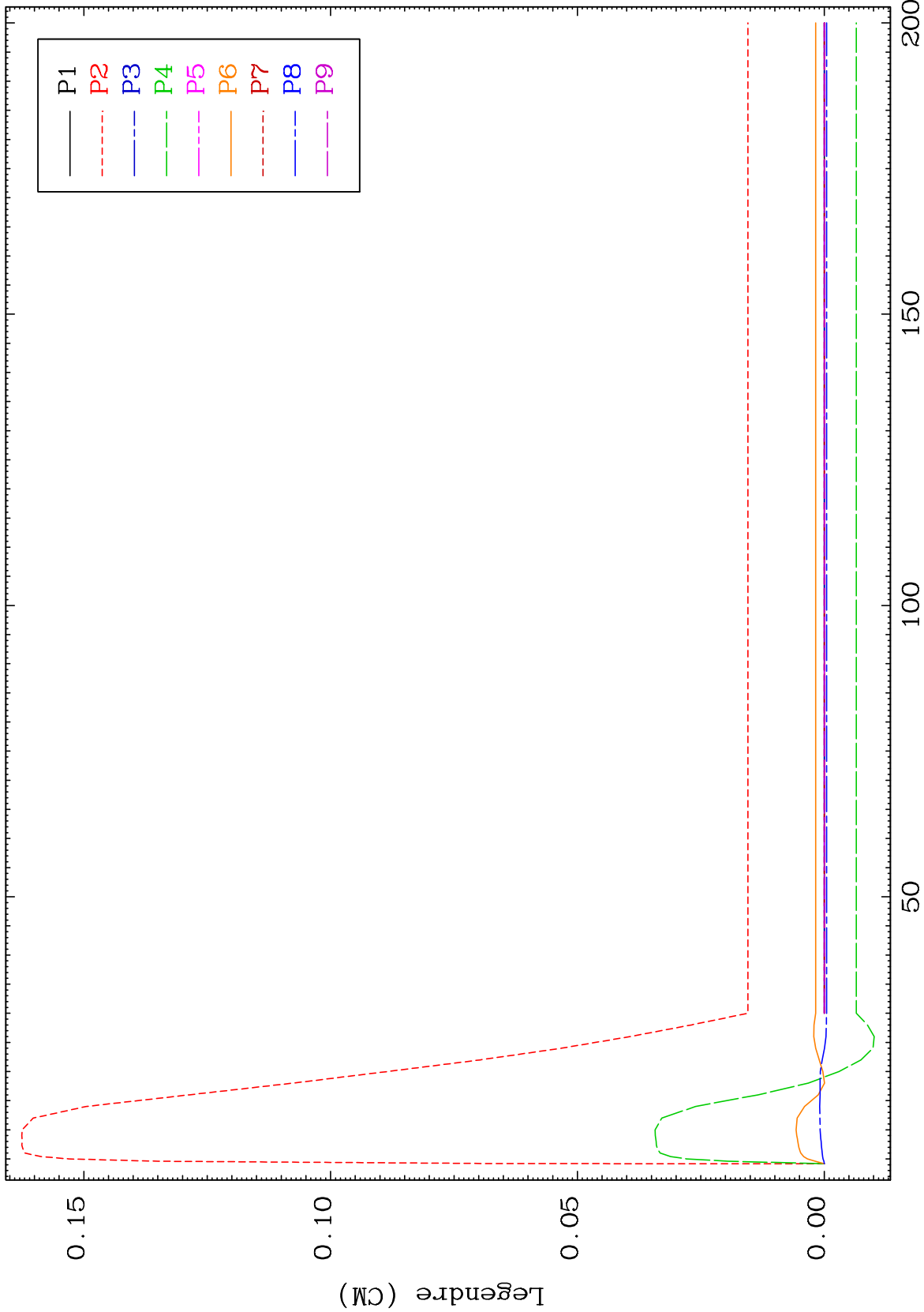
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

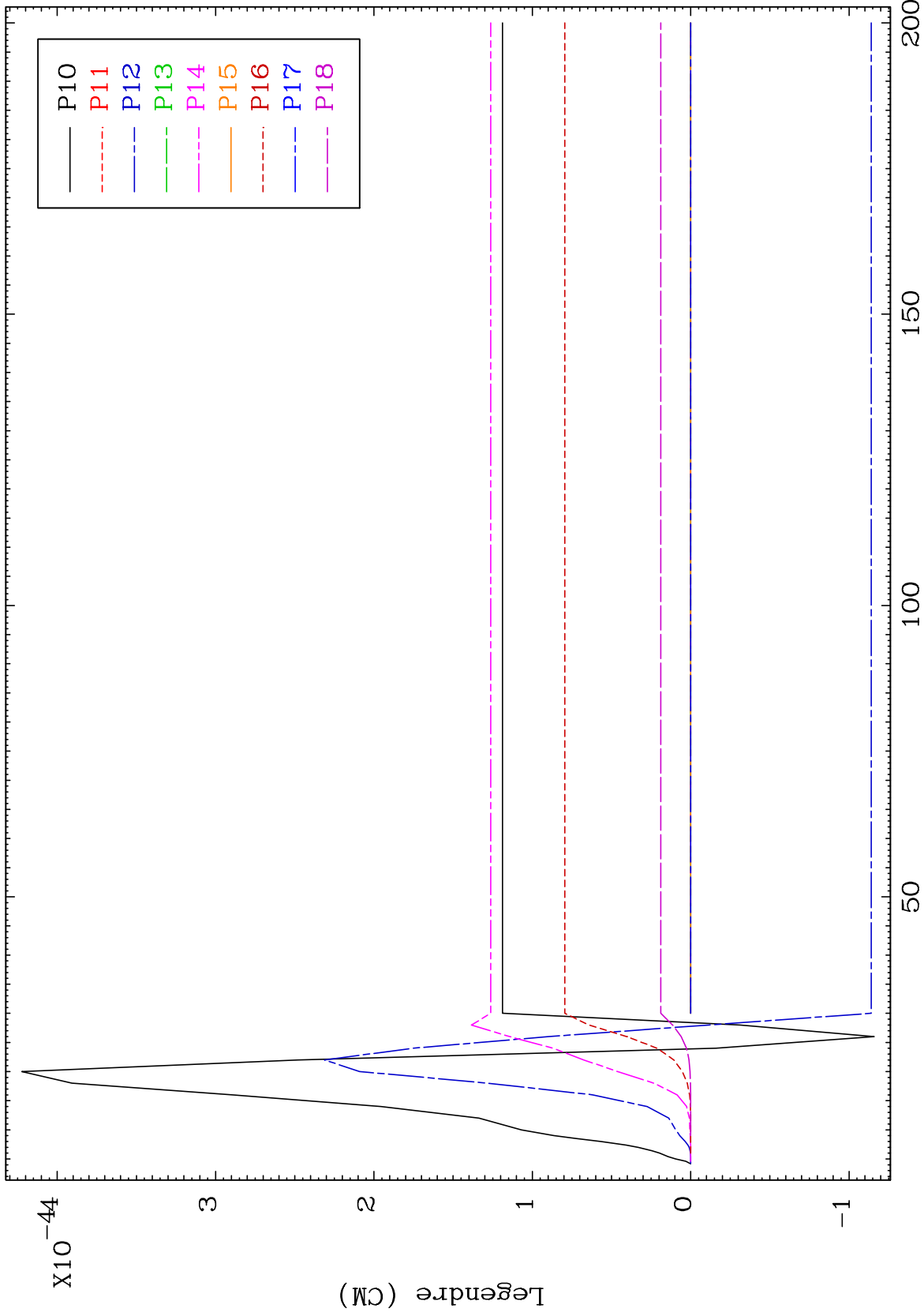
86-Rn-212



92

Incident Energy (MeV)

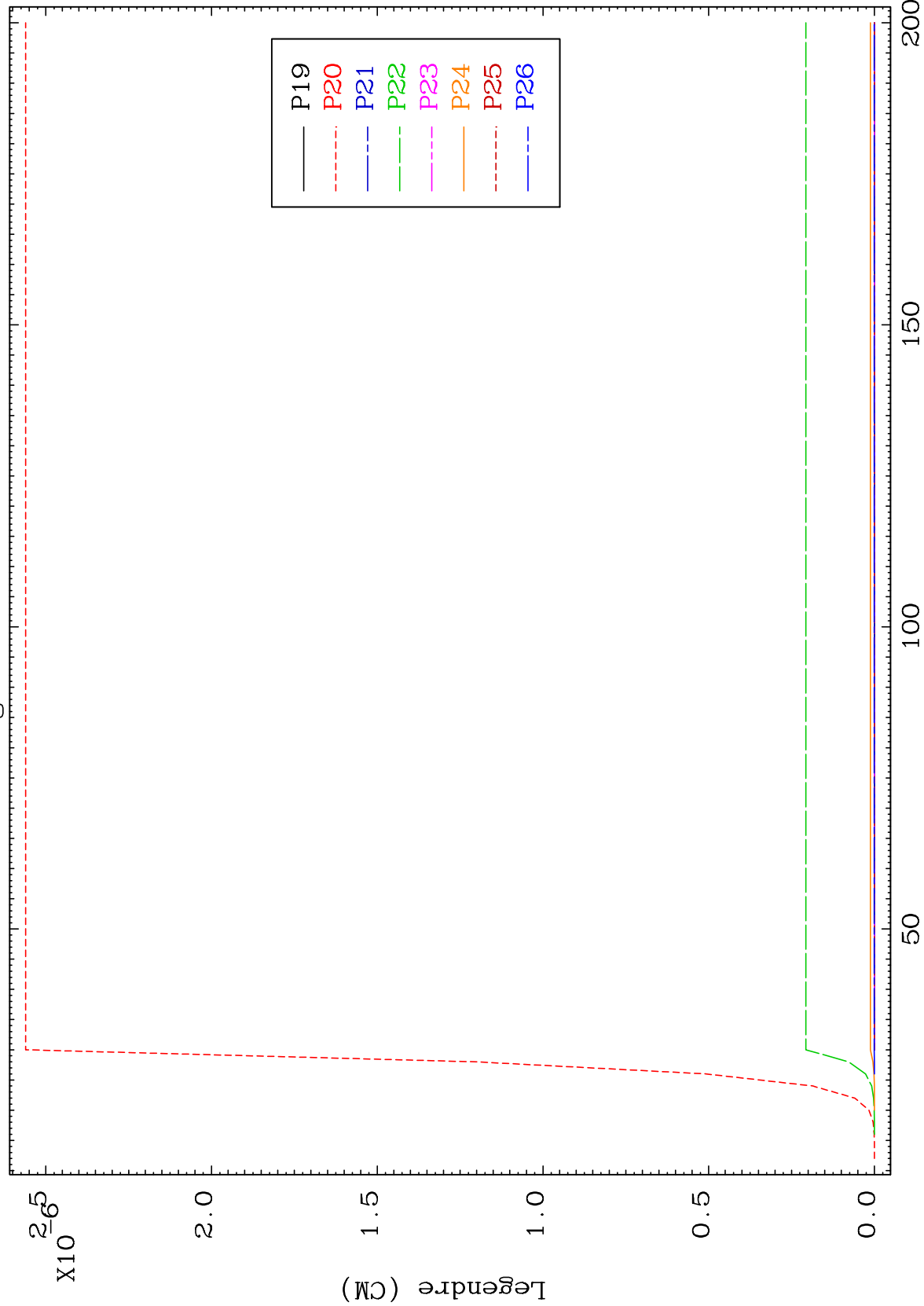
86-Rn-212



MAT 8628

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

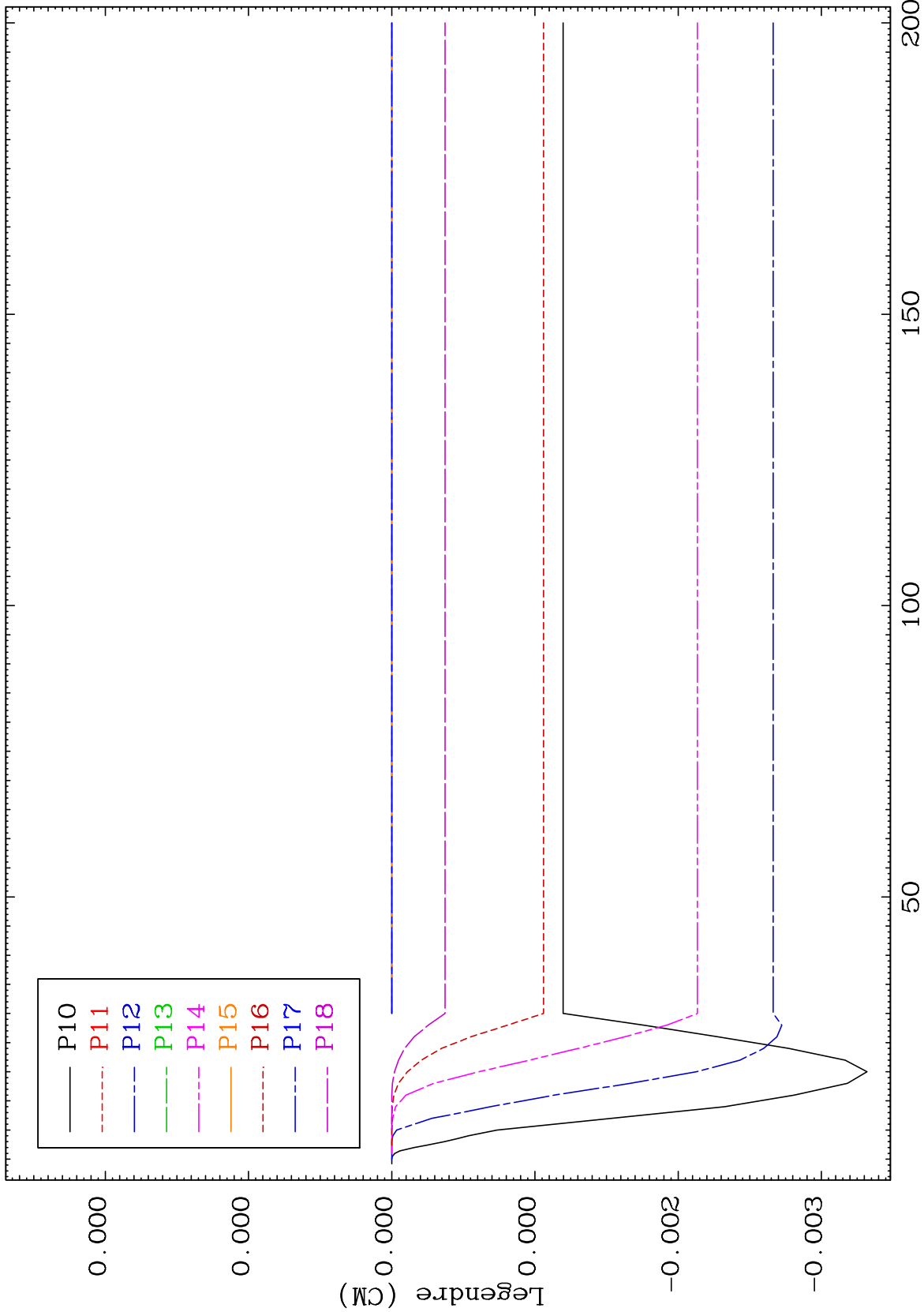
86-Rn-212



86-Rn-212

Incident Energy (MeV)

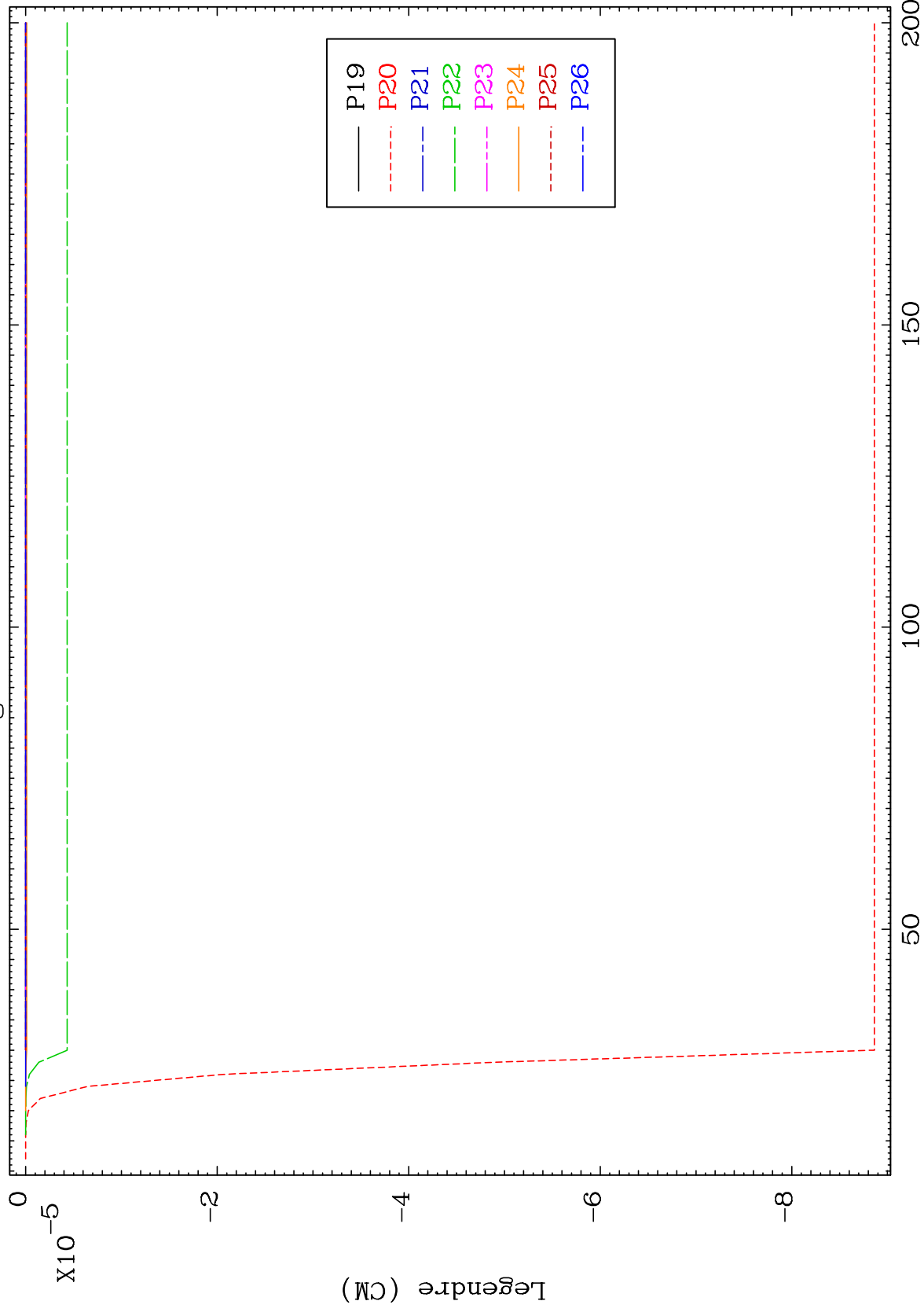
94



MAT 8628

MT= 72 (n,n') Level
Legendre Coefficients

86-Rn-212



97

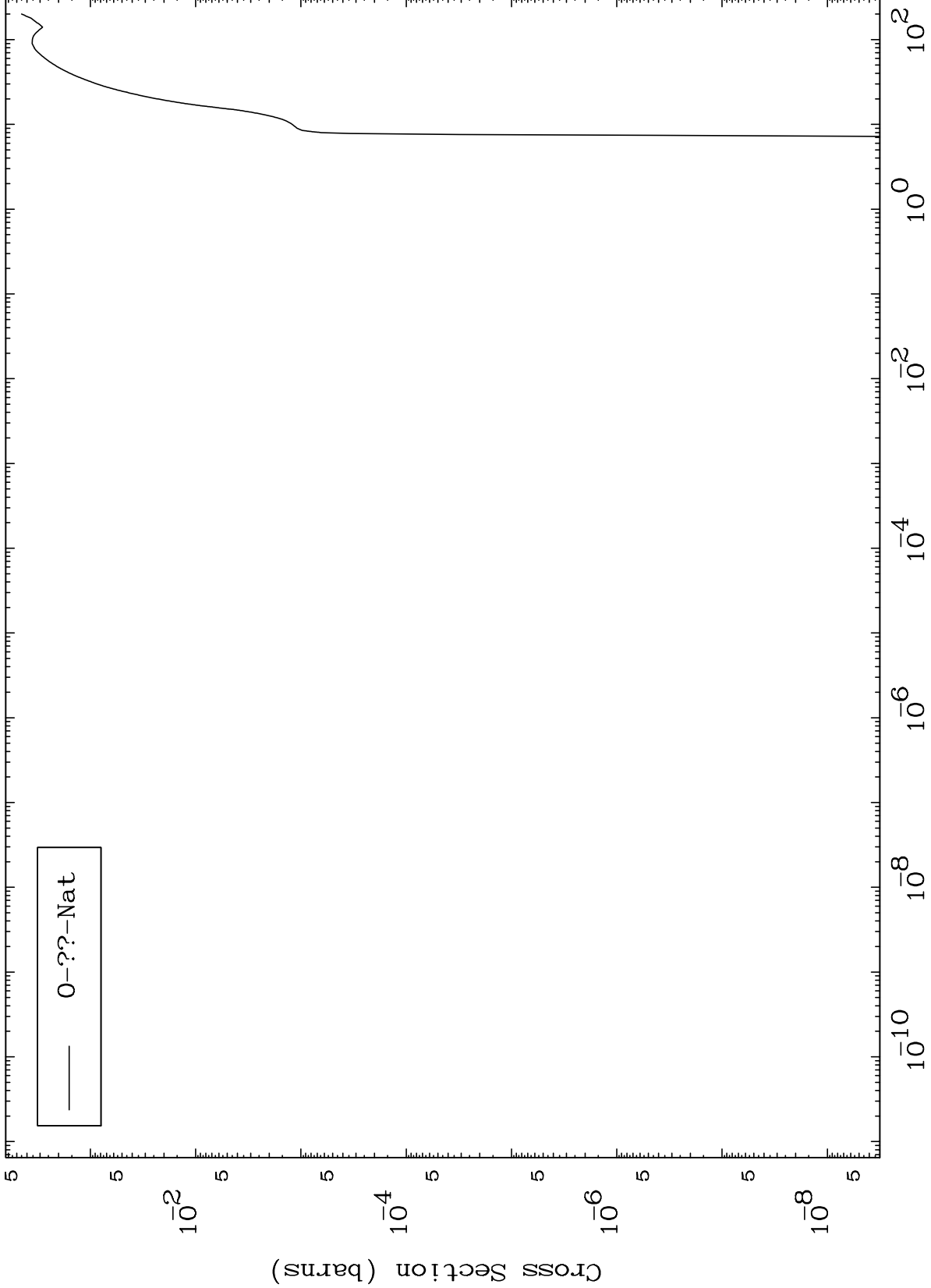
Incident Energy (MeV)

86-Rn-212

MAT 8628

Fission
Radionuclide Production Cross Section

86-Rn-212



98

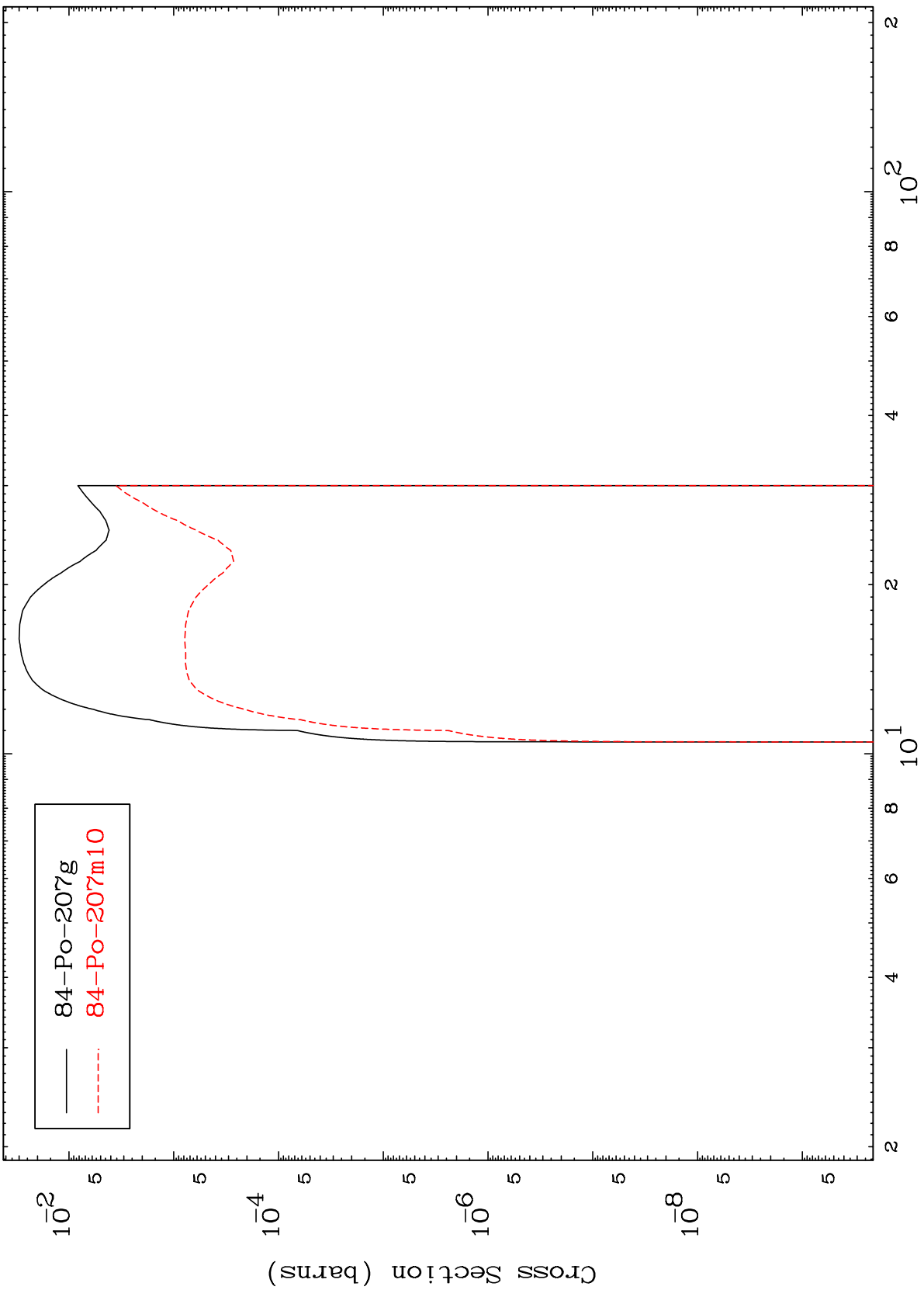
86-Rn-212

MAT 8628

(n,2n) α

86-Rn-212

Radionuclide Production Cross Section



99

Incident Energy (MeV)

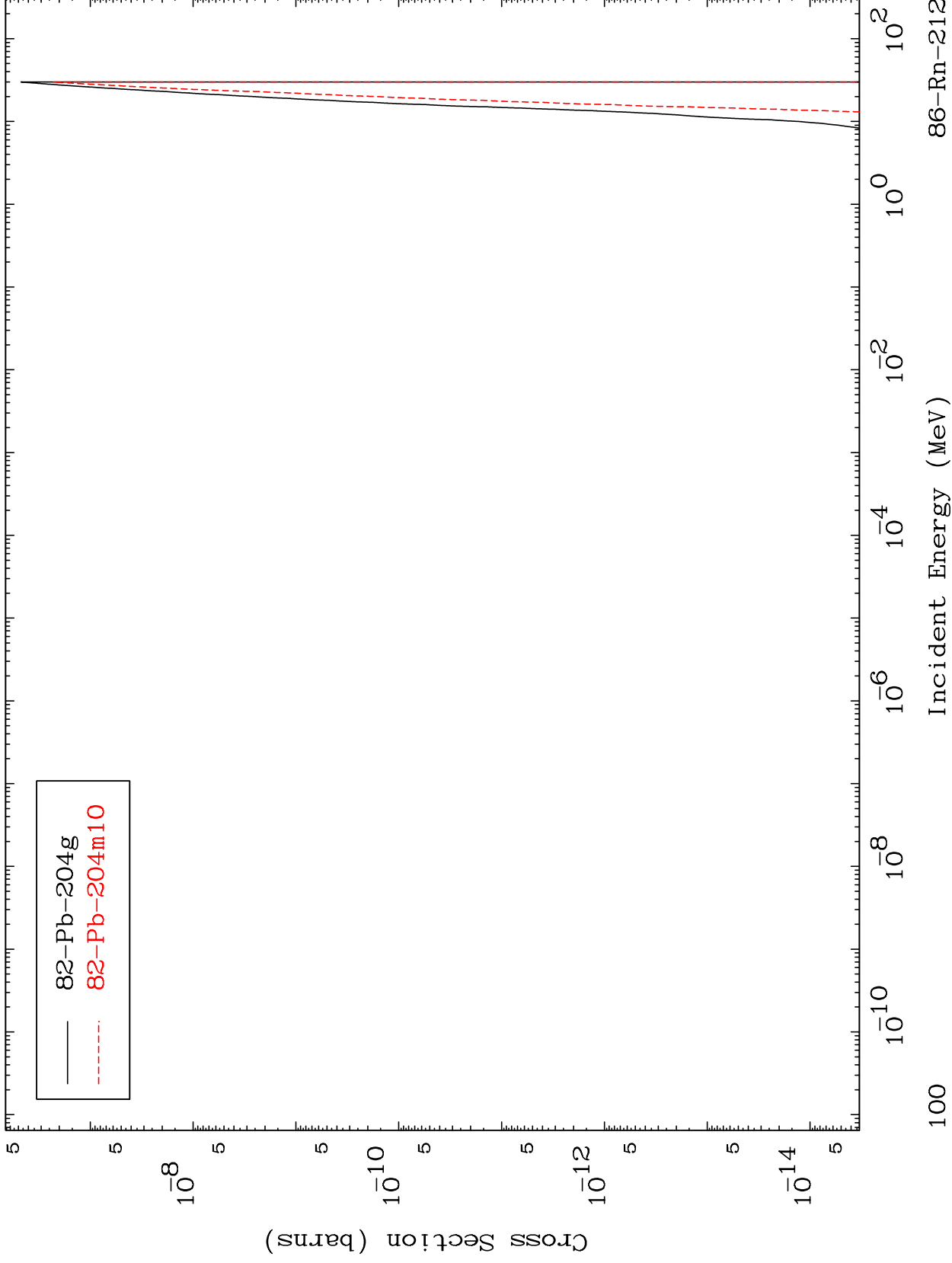
86-Rn-212

MAT 8628

(n,n') 2α

86-Rn-212

Radionuclide Production Cross Section



100

Incident Energy (MeV)

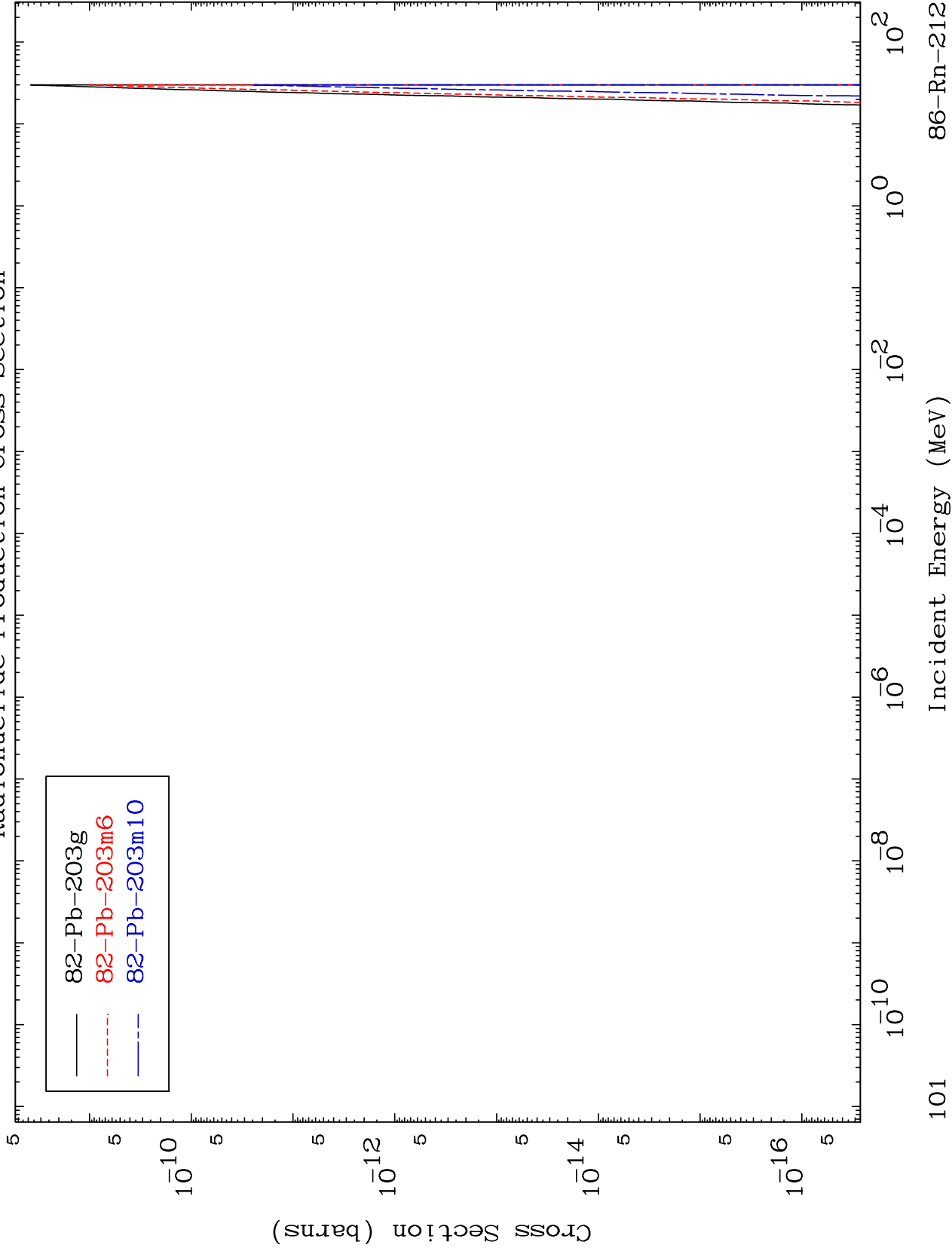
86-Rn-212

MAT 8628

$(n,2n) 2\alpha$

86-Rn-212

Radionuclide Production Cross Section



101

Incident Energy (MeV)

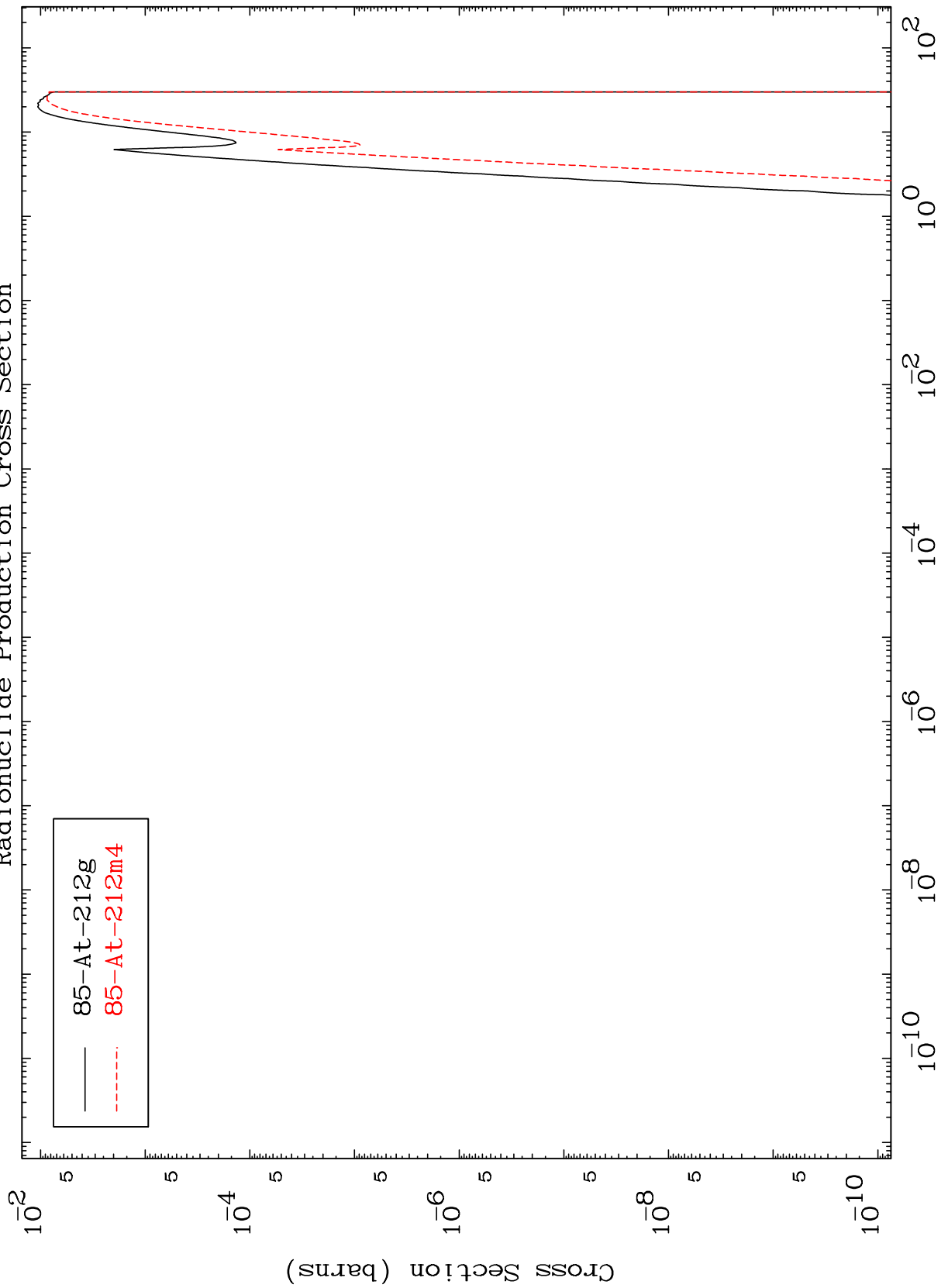
86-Rn-212

MAT 8628

(n,p)

86-Rn-212

Radionuclide Production Cross Section

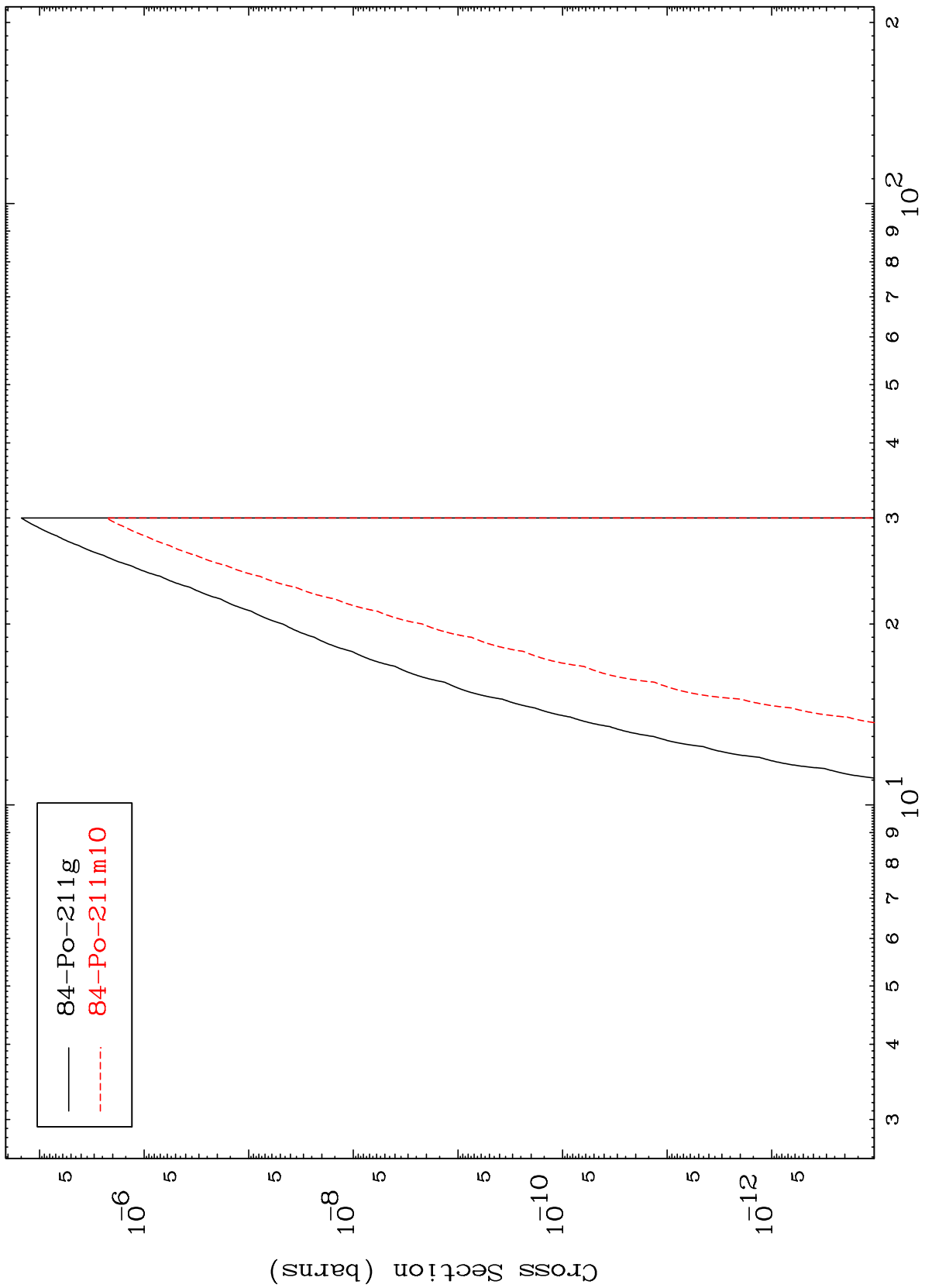


85-At-212g
85-At-212m4

MAT 8628

86-Rn-212

(n,2p)
Radionuclide Production Cross Section



— 84-Po-211g
- - - 84-Po-211m10

103

Incident Energy (MeV)

86-Rn-212