

Program EVALPLOT
(Version 2017-1)

by

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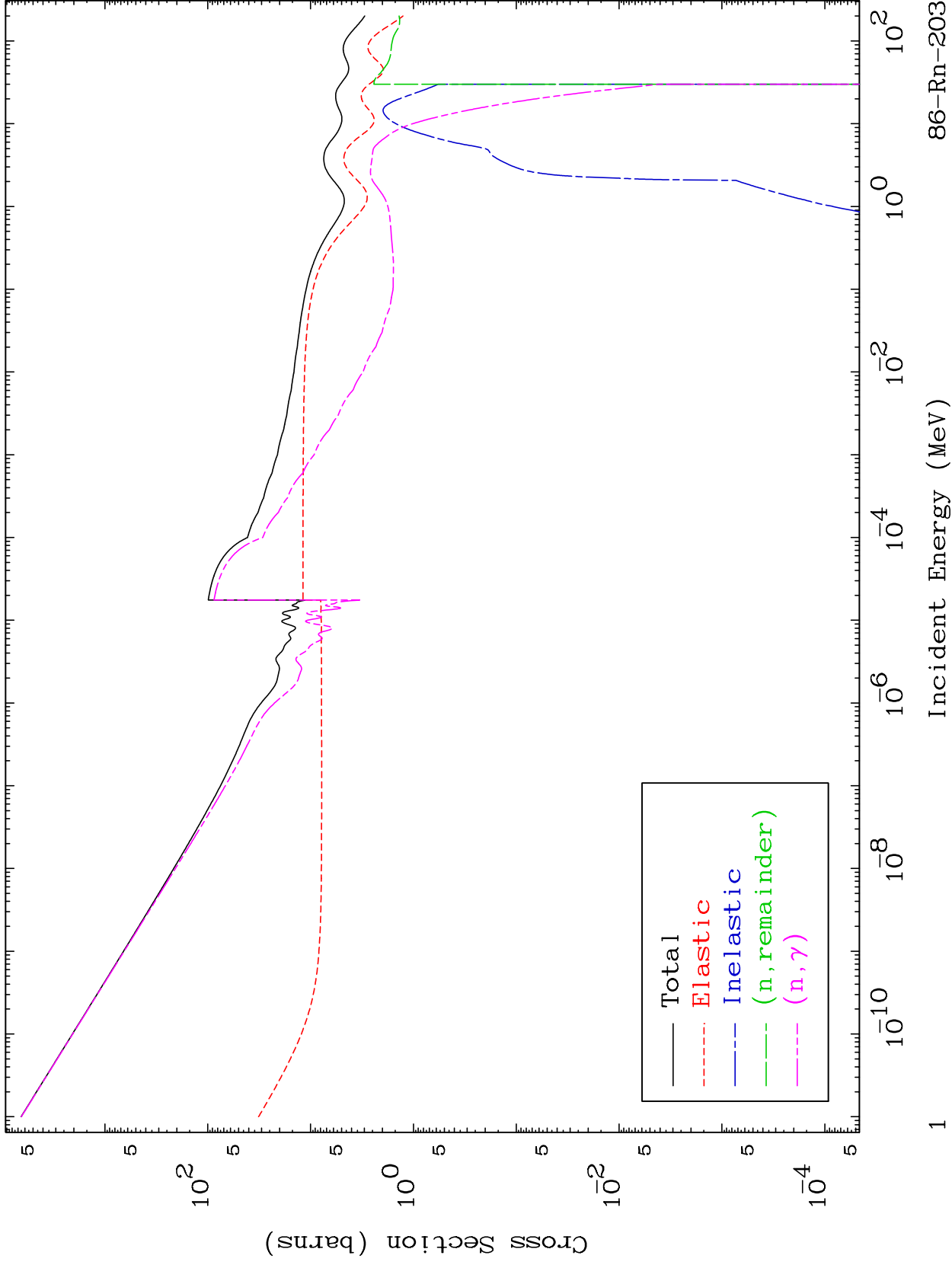
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Press Mouse Button to Start

MAT 8601

Major
293 Kelvin Cross Sections

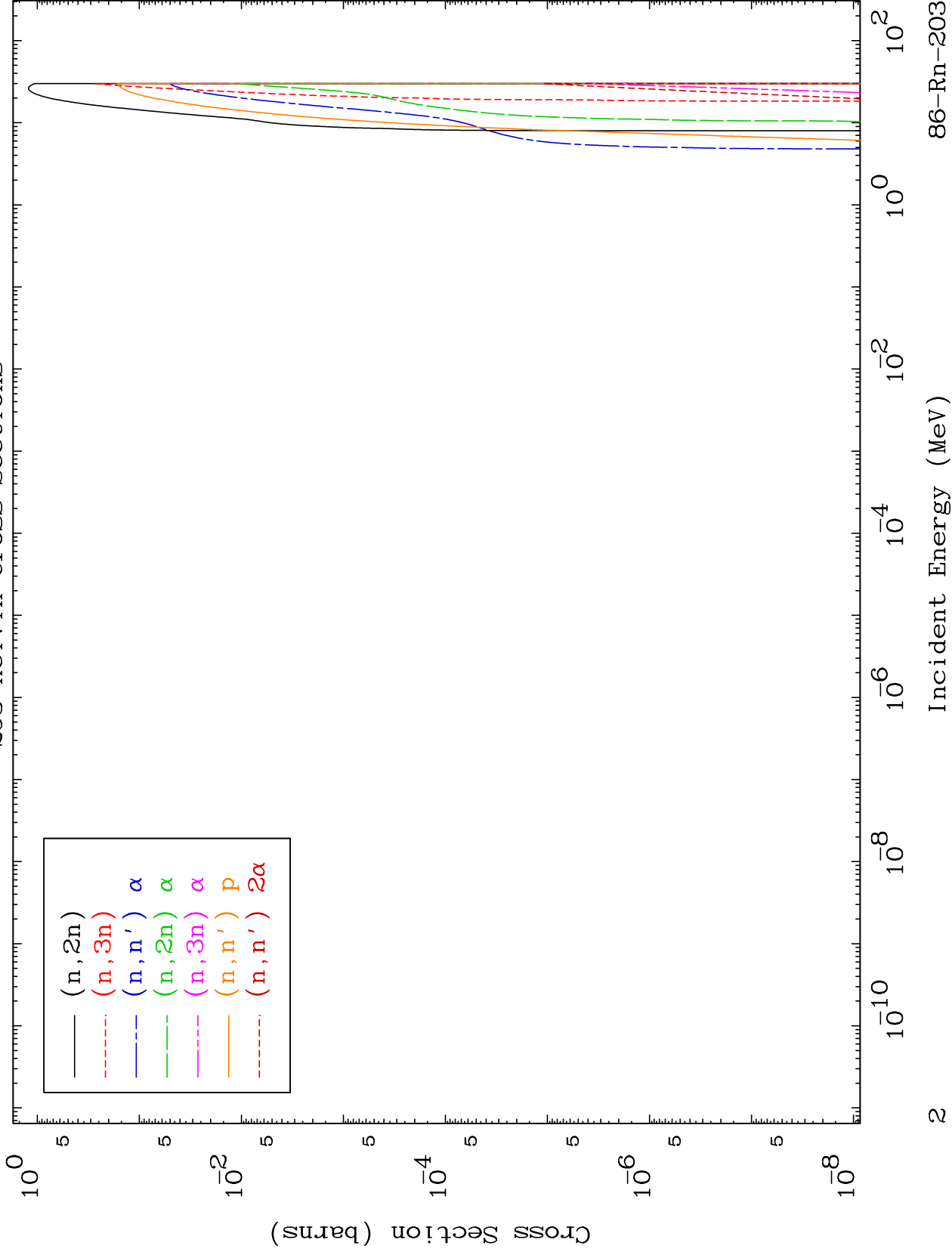
86-Rn-203



MAT 8601

Neutron Production
293 Kelvin Cross Sections

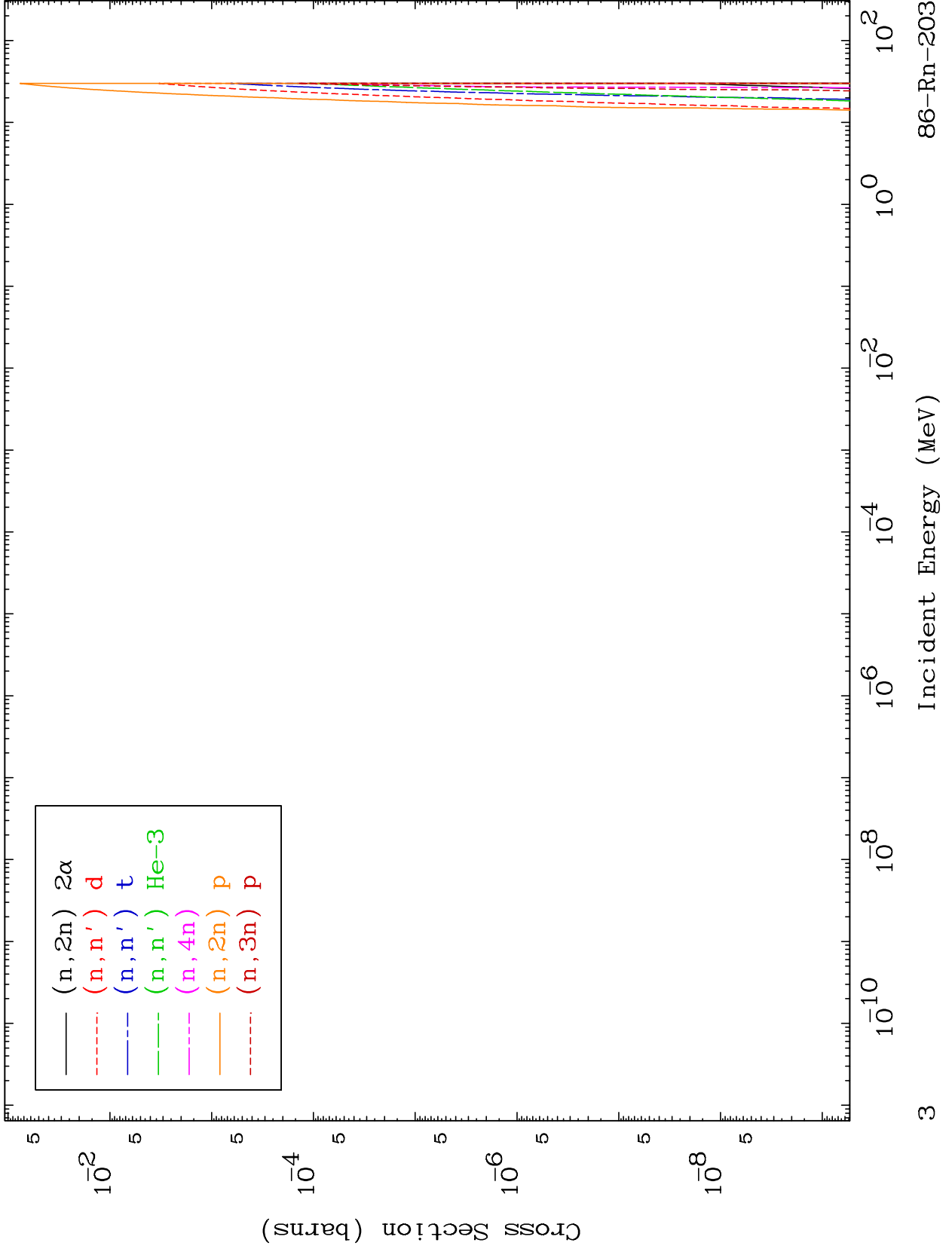
86-Rn-203



MAT 8601

Neutron Production
293 Kelvin Cross Sections

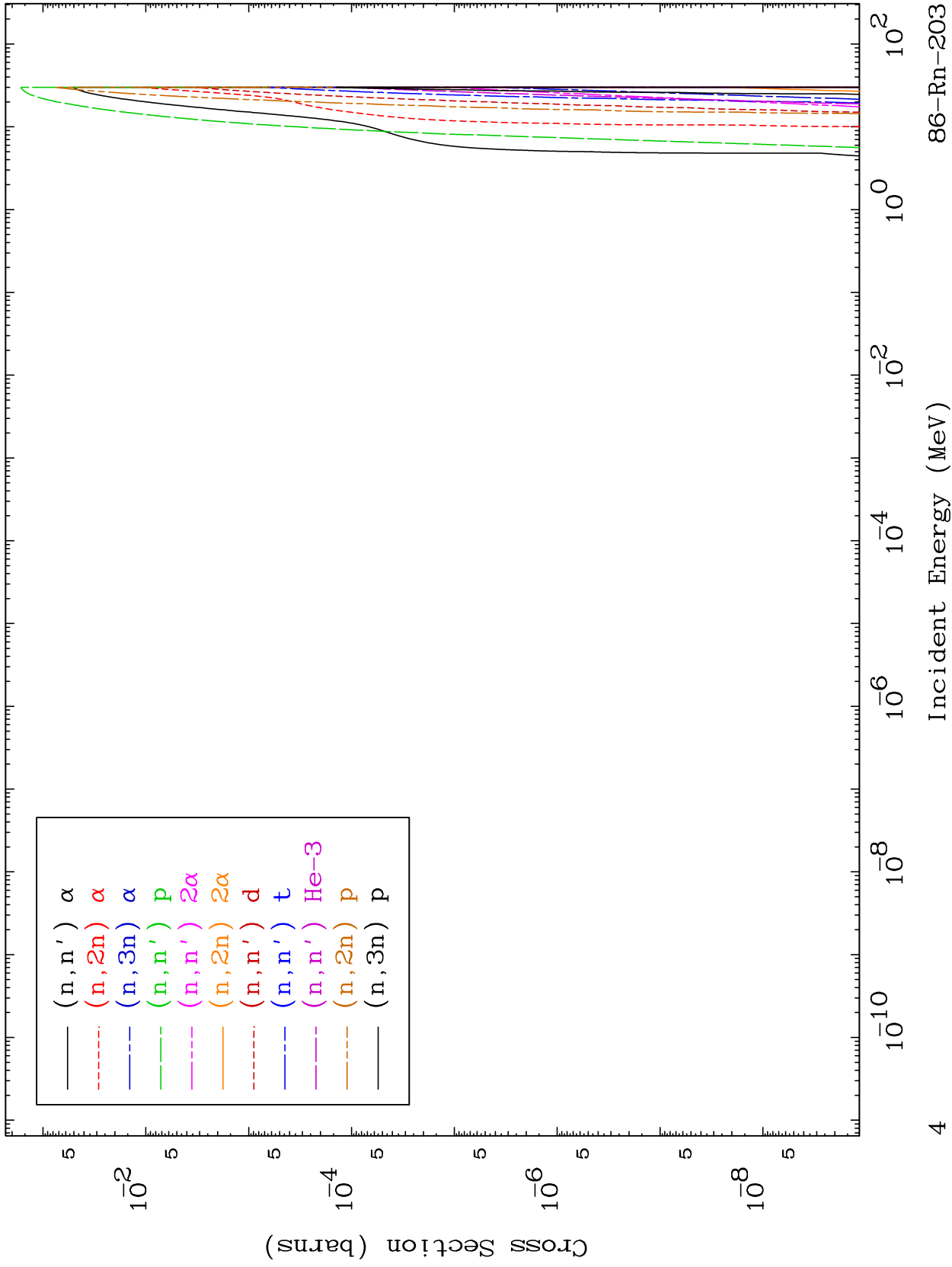
86-Rn-203

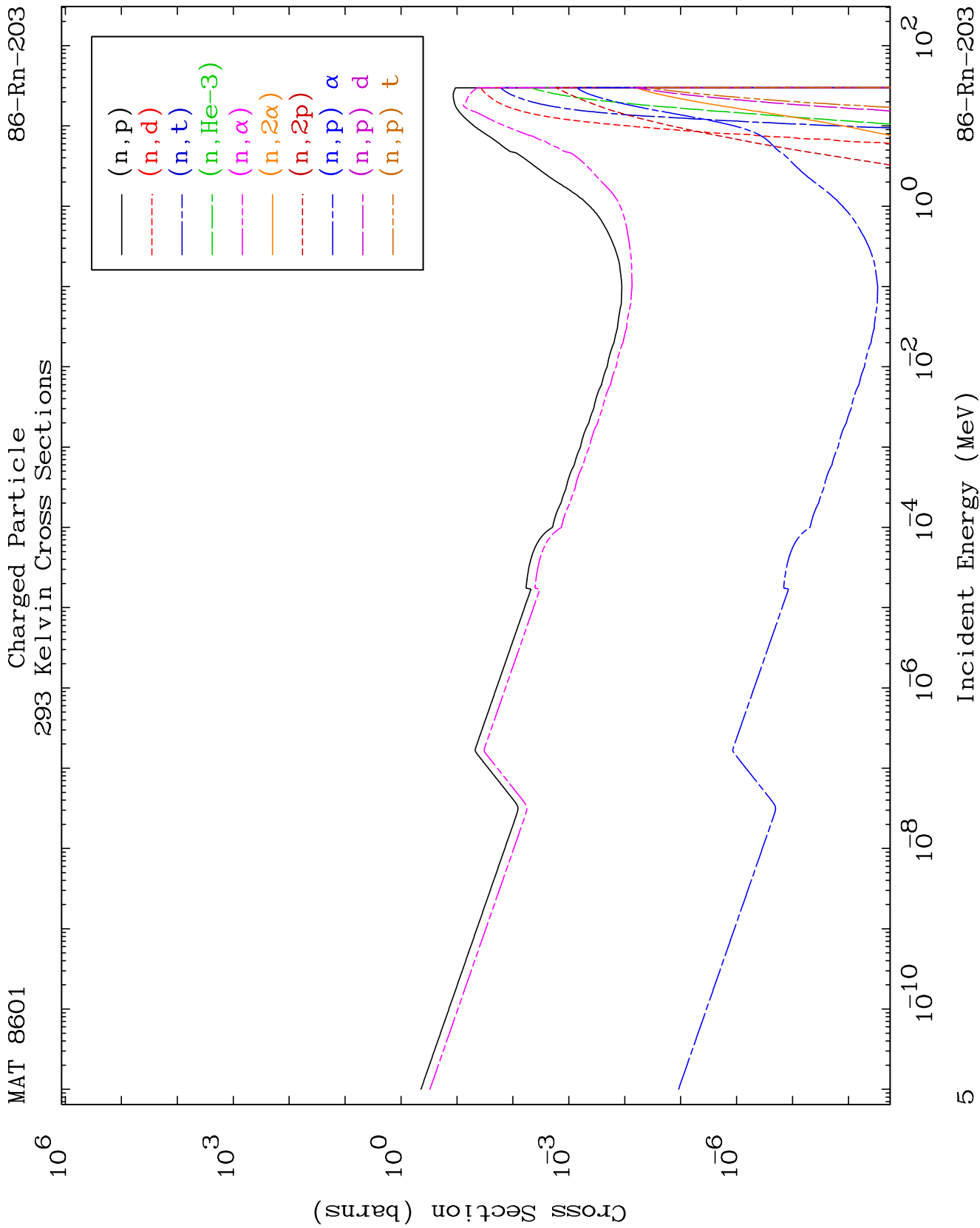


MAT 8601

Charged Particle
293 Kelvin Cross Sections

86-Rn-203

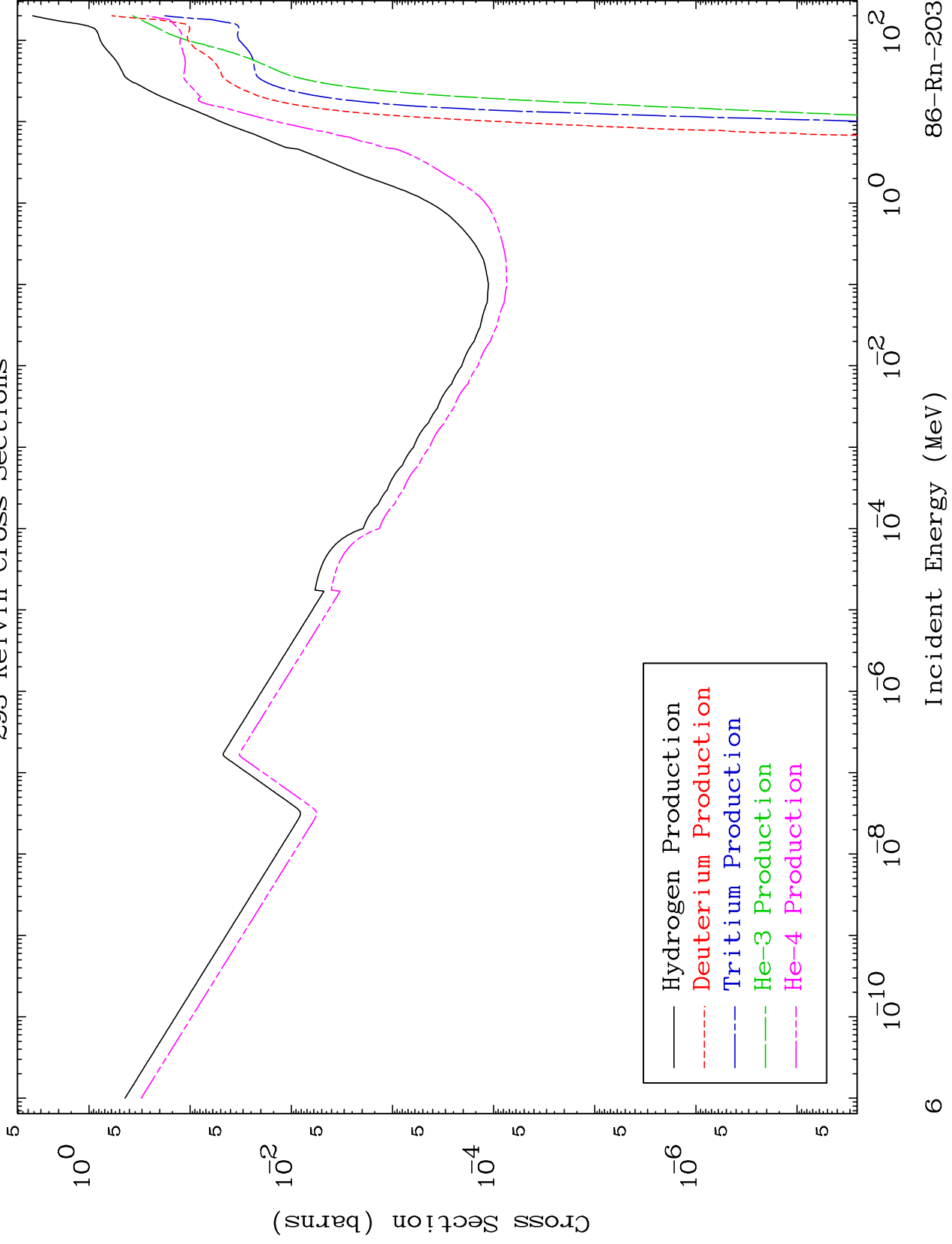




MAT 8601

Particle Production
293 Kelvin Cross Sections

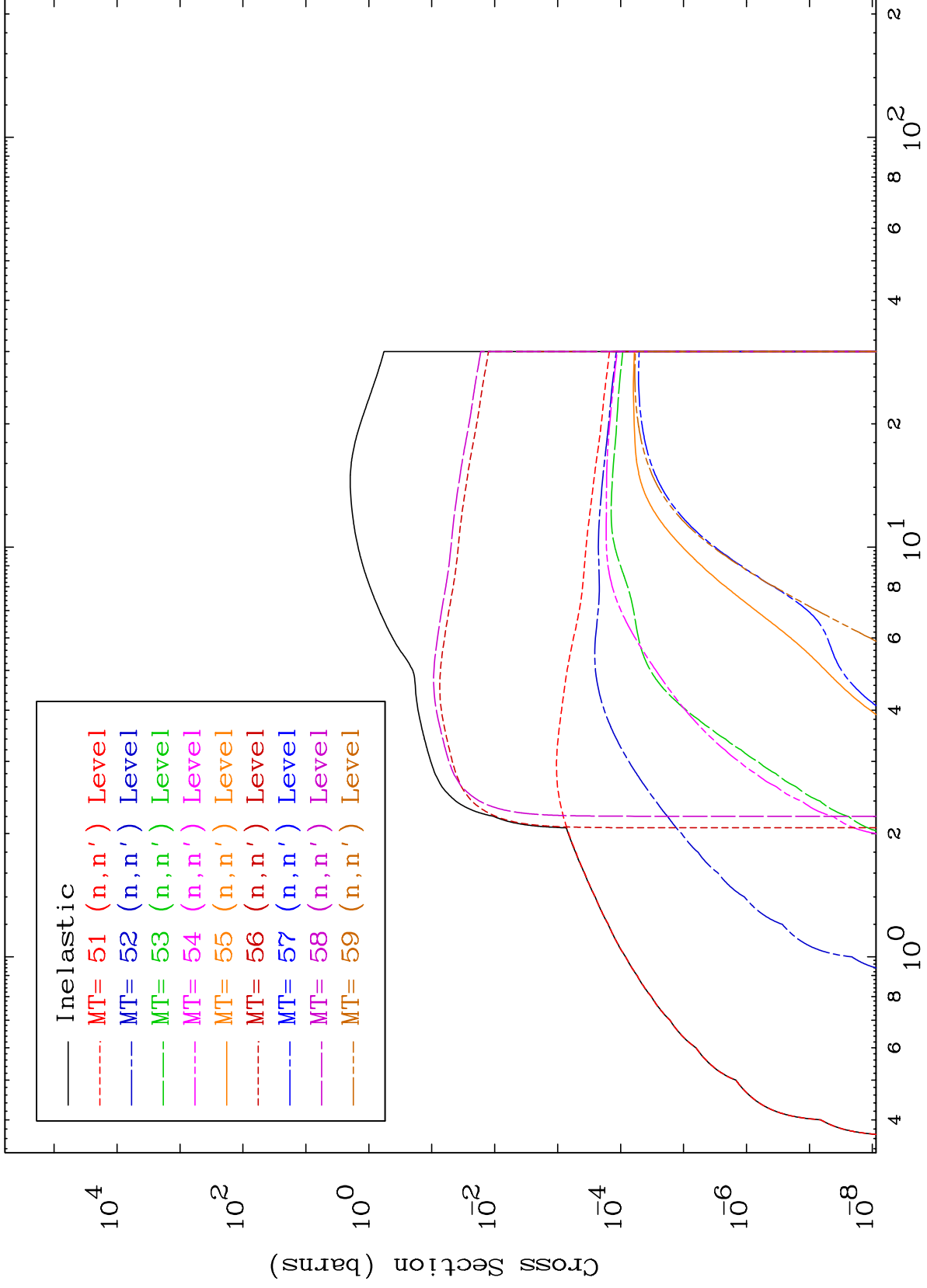
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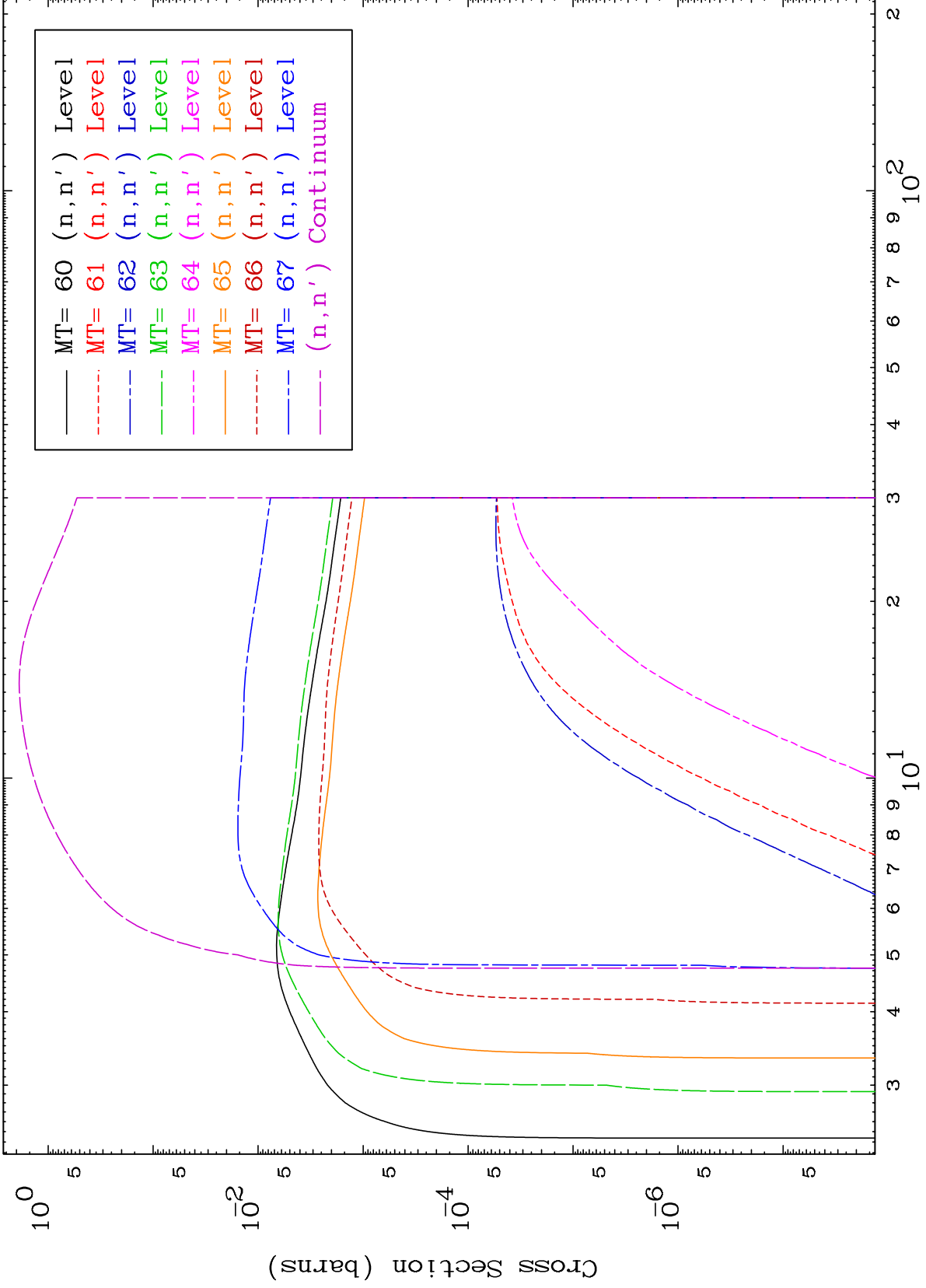
MAT 8601

(n,n') Level
293 Kelvin Cross Sections

86-Rn-203



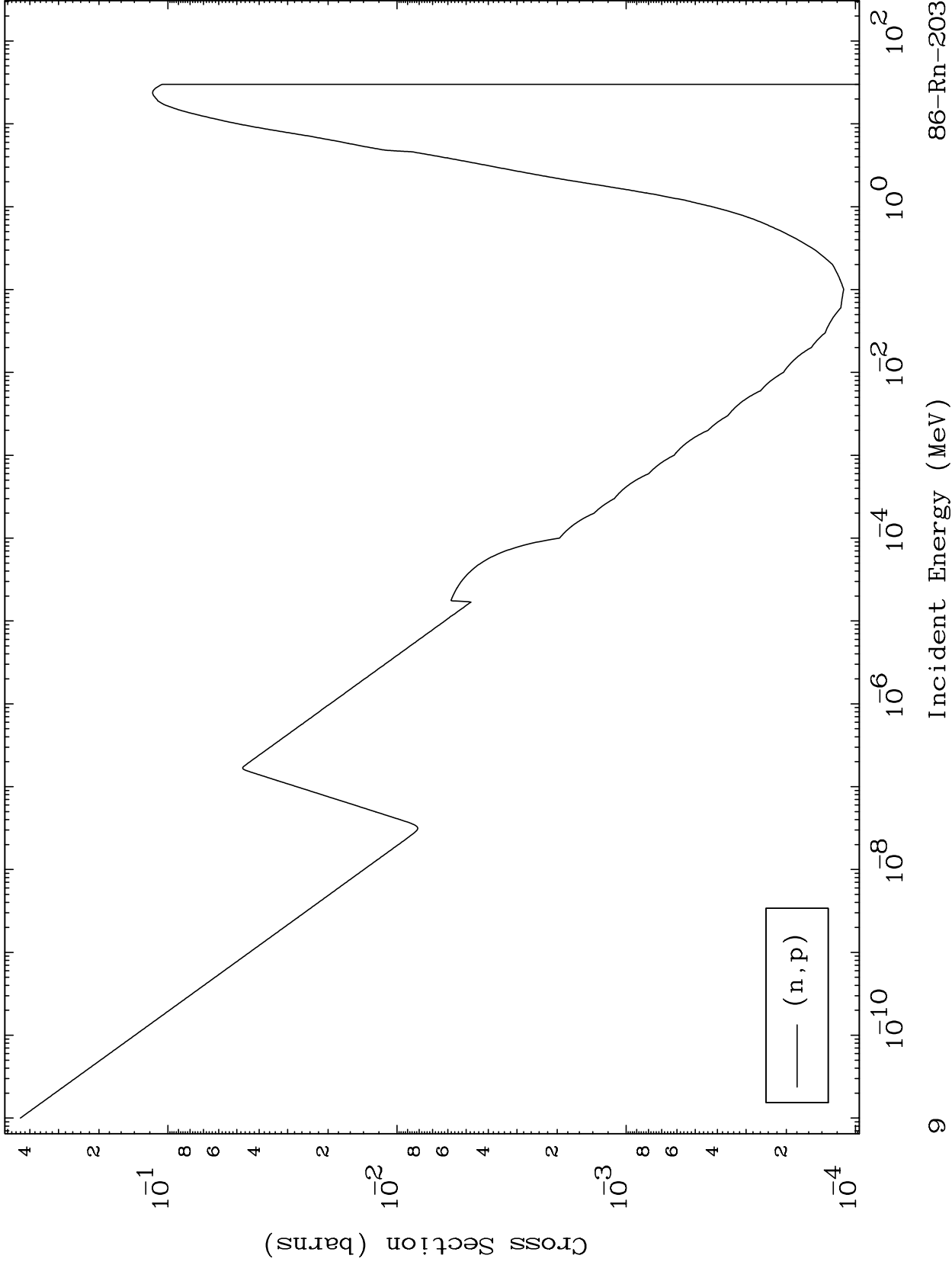
293 Kelvin Cross Sections



MAT 8601

(n,p) Levels
293 Kelvin Cross Sections

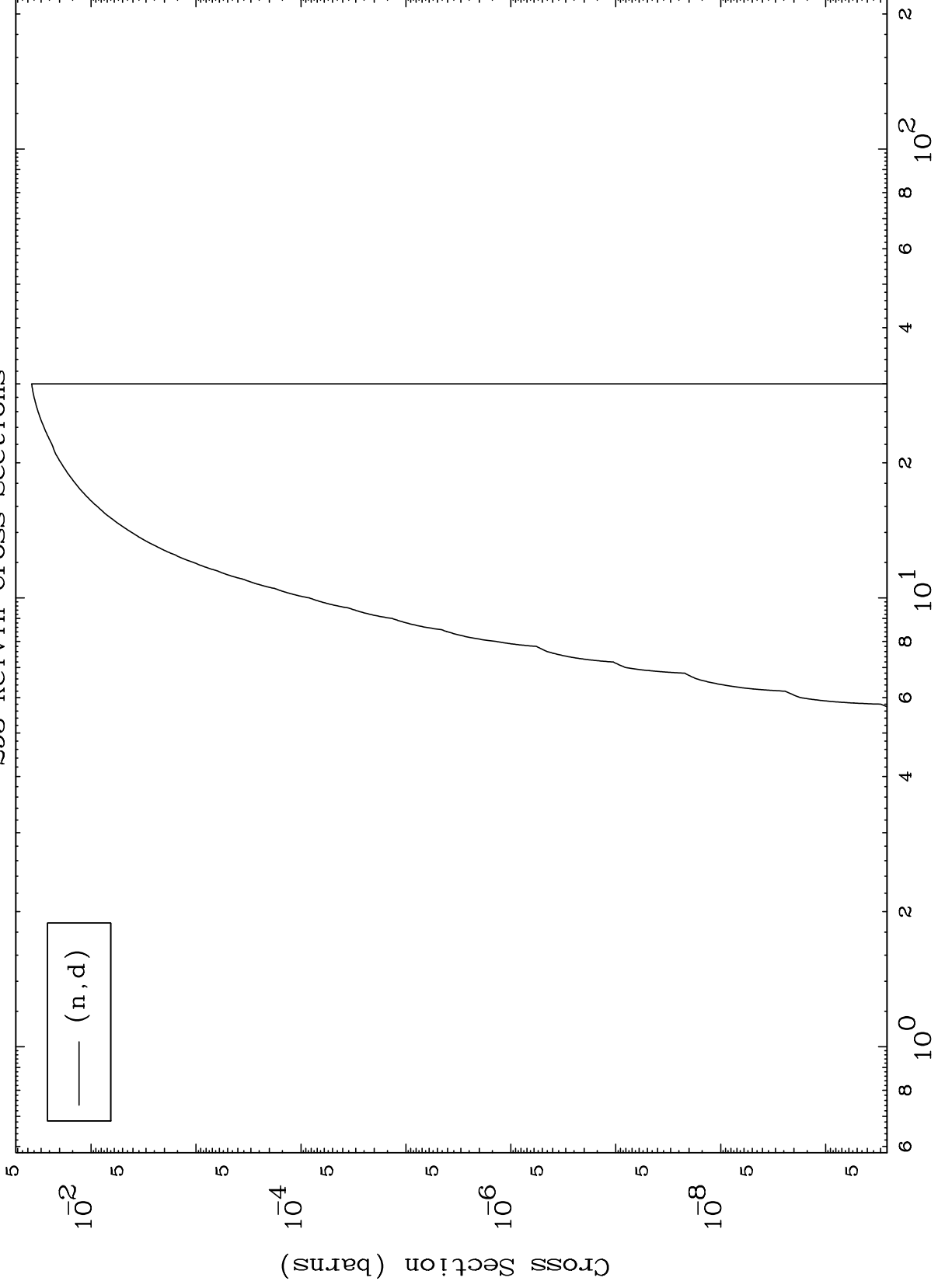
86-Rn-203



MAT 8601

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-203



10

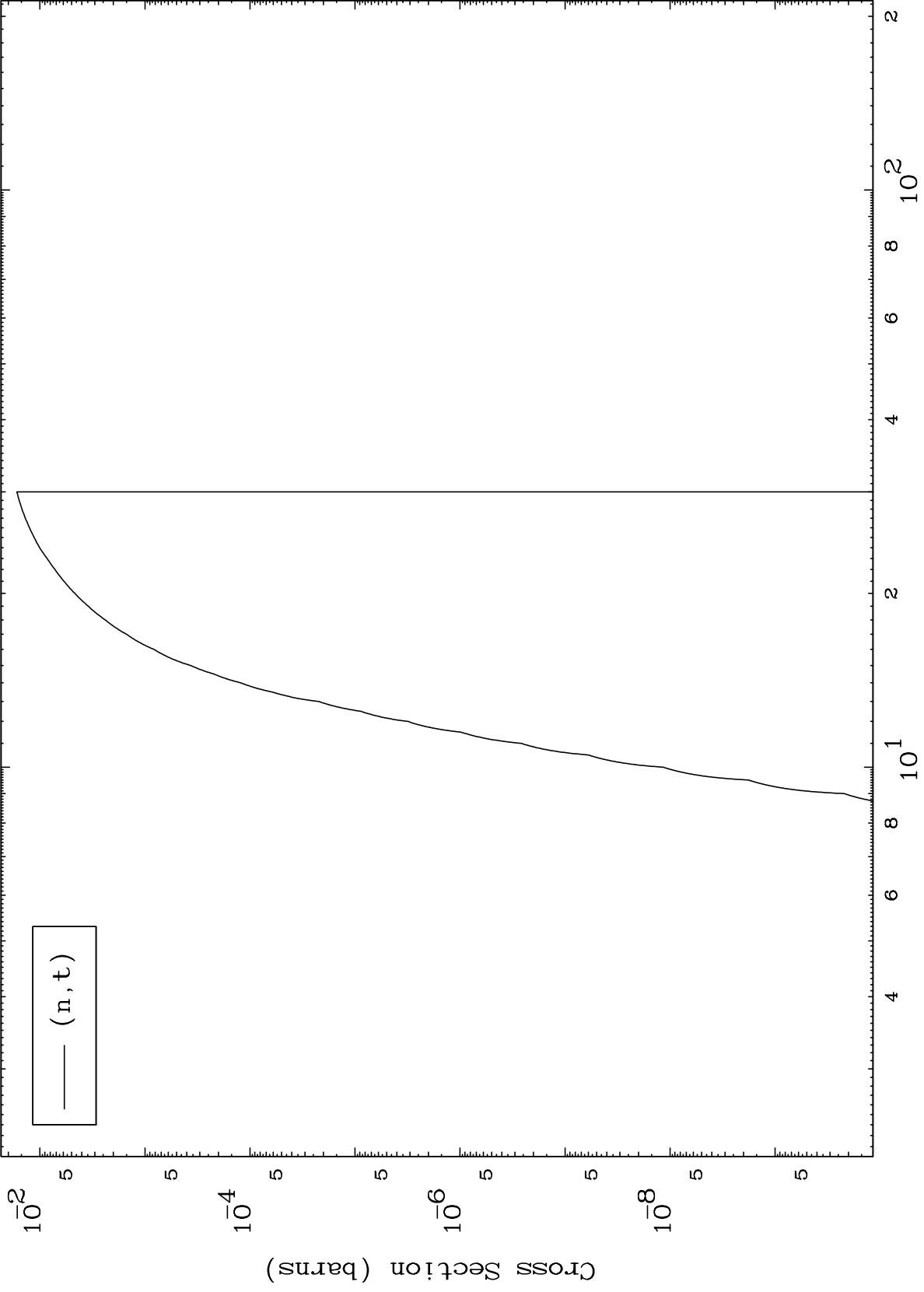
Incident Energy (MeV)

86-Rn-203

MAT 8601

(n,t) Levels
293 Kelvin Cross Sections

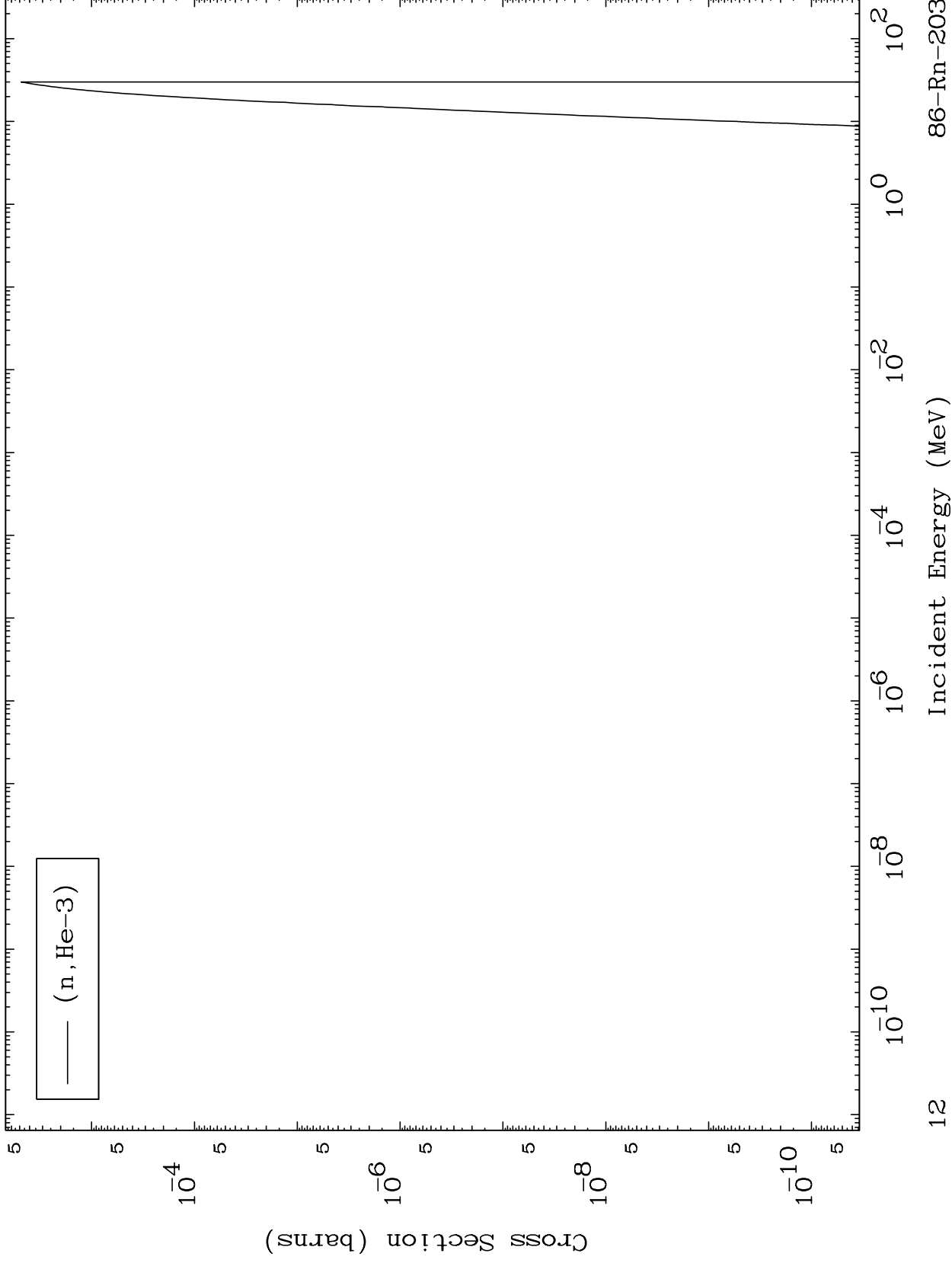
86-Rn-203



MAT 8601

(n,He3) Levels
293 Kelvin Cross Sections

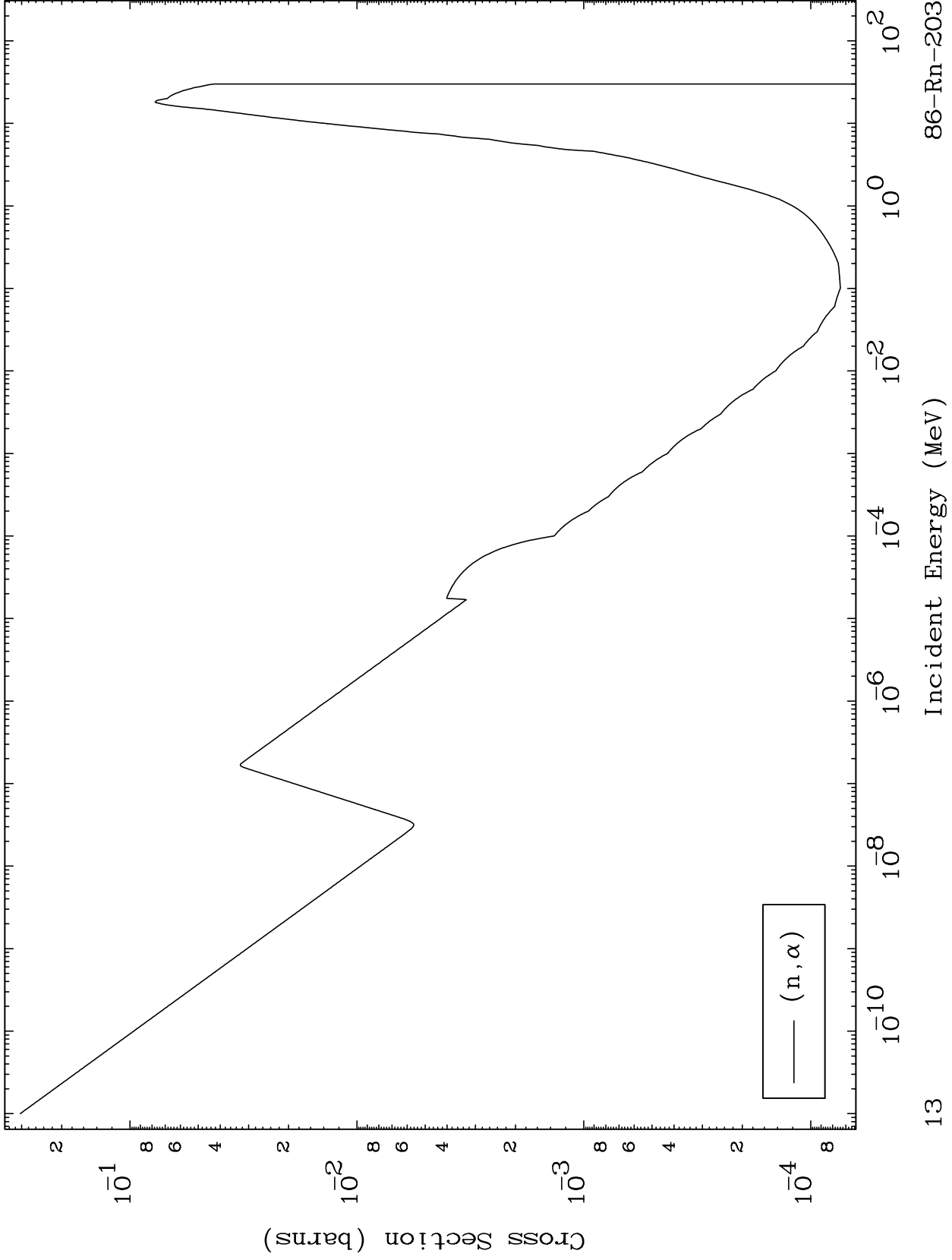
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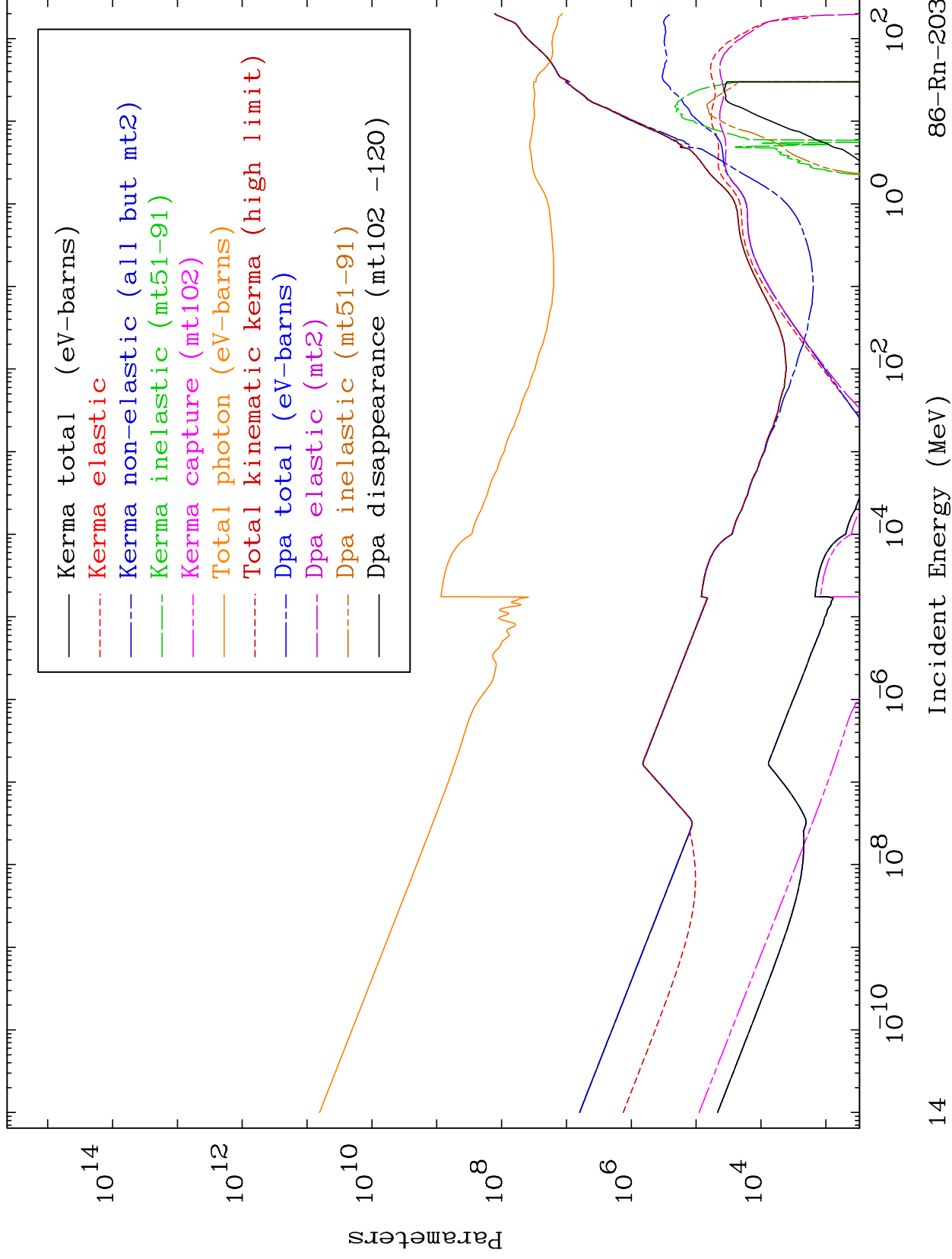


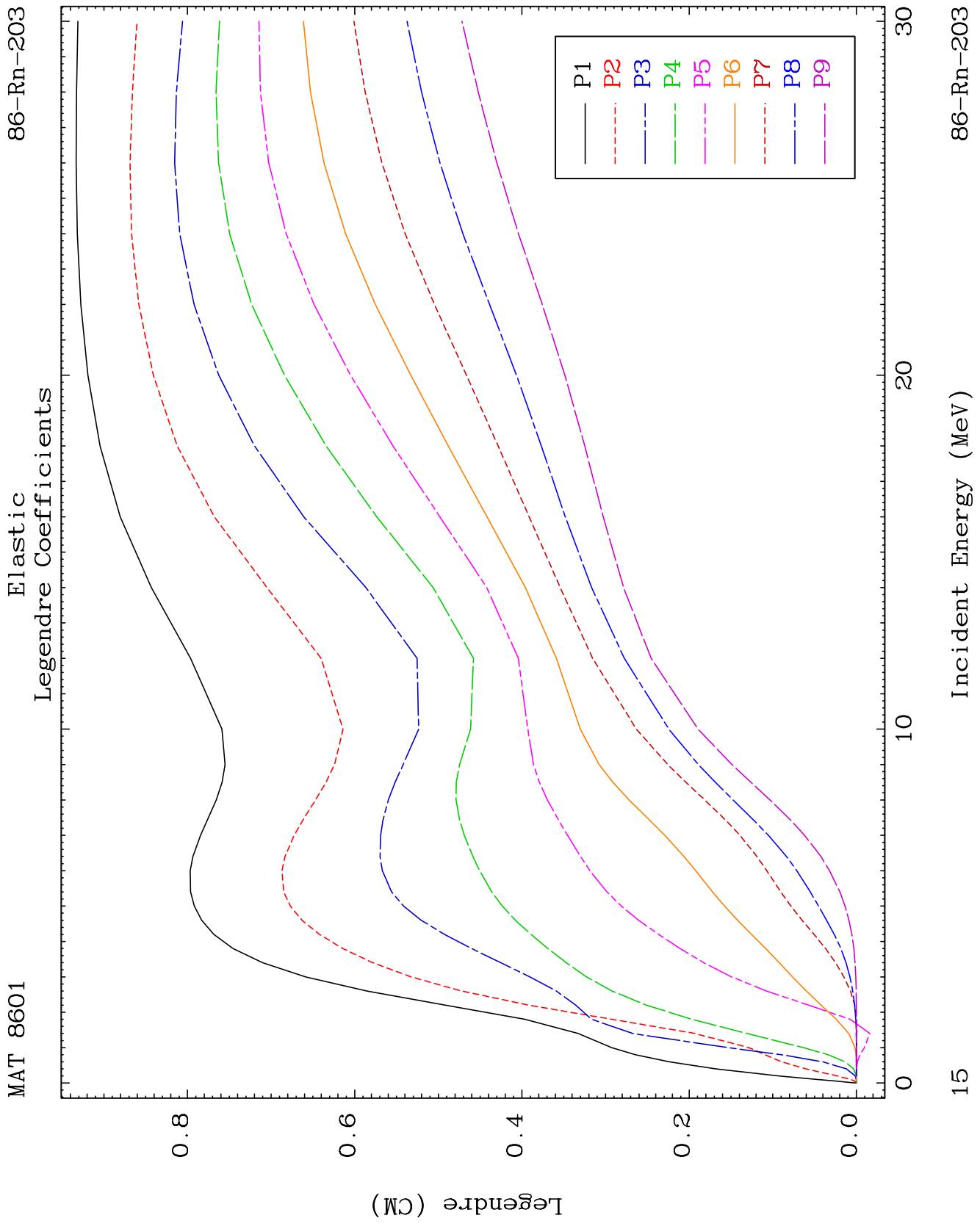
MAT 8601

(n, α) Levels
293 Kelvin Cross Sections

86-Rn-203







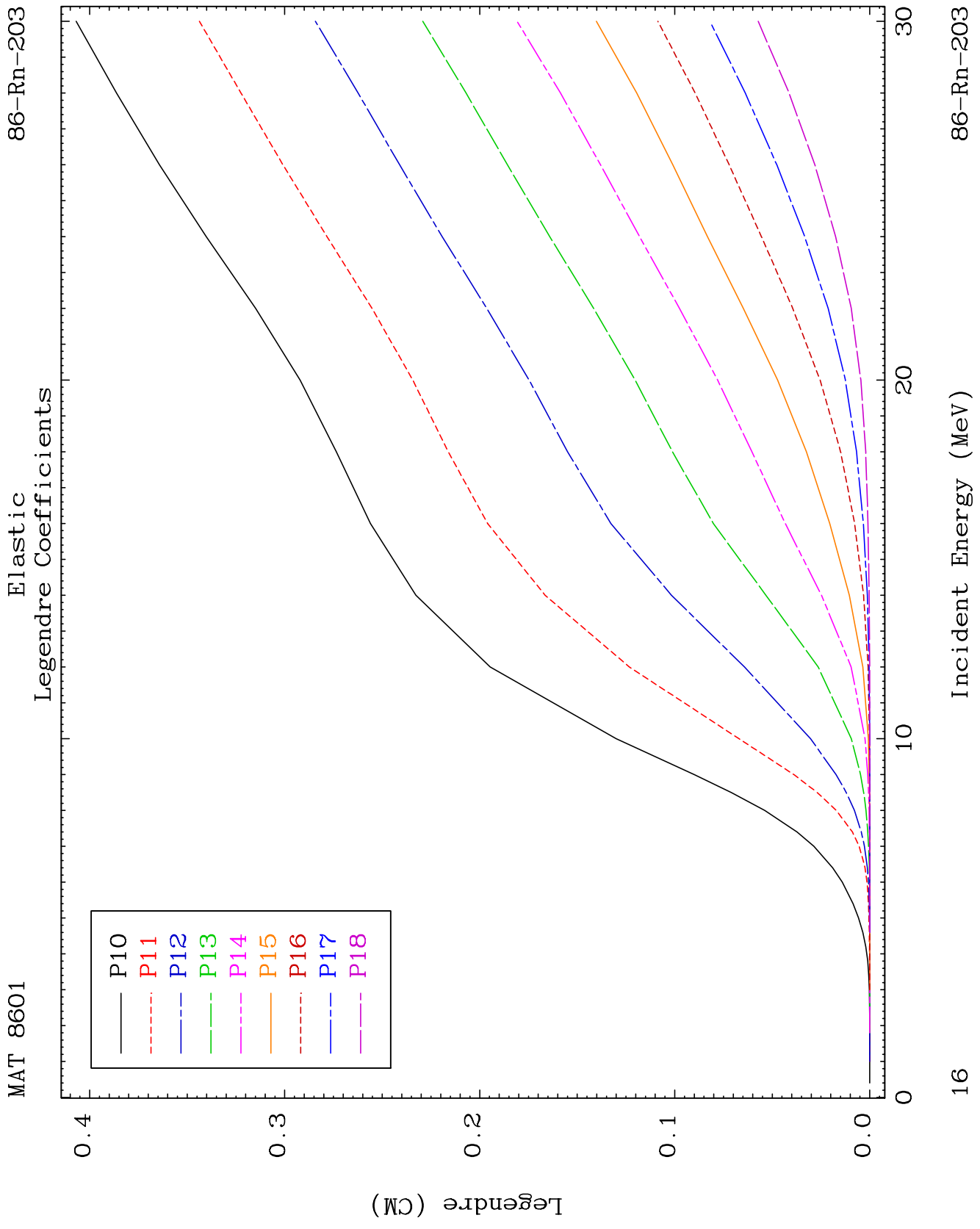
MAT 8601

$^{86}\text{Rn-203}$

15

Incident Energy (MeV)

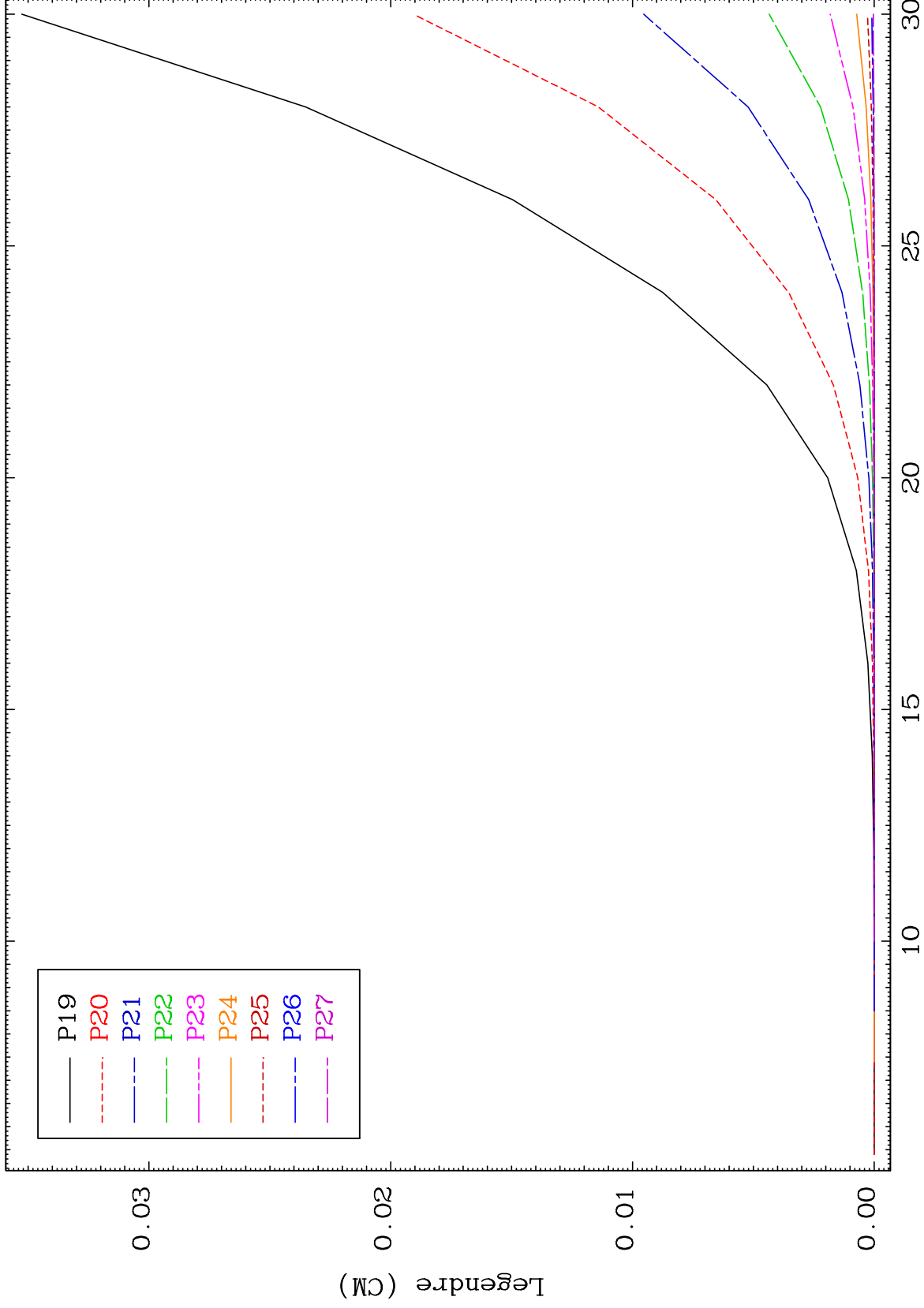
$^{86}\text{Rn-203}$



MAT 8601

Elastic
Legendre Coefficients

86-Rn-203



17

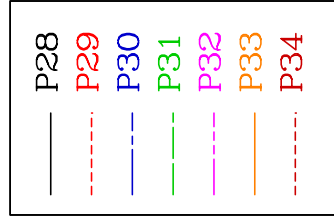
Incident Energy (MeV)

86-Rn-203

MAT 8601

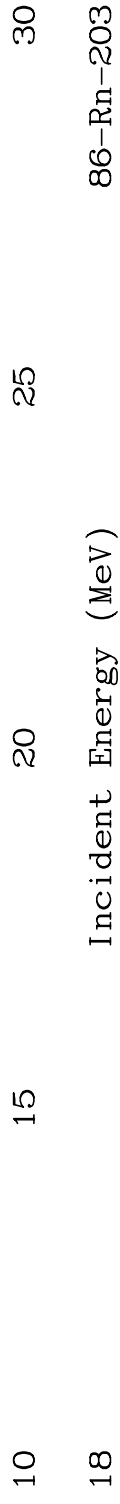
Elastic
Legendre Coefficients

86-Rn-203



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

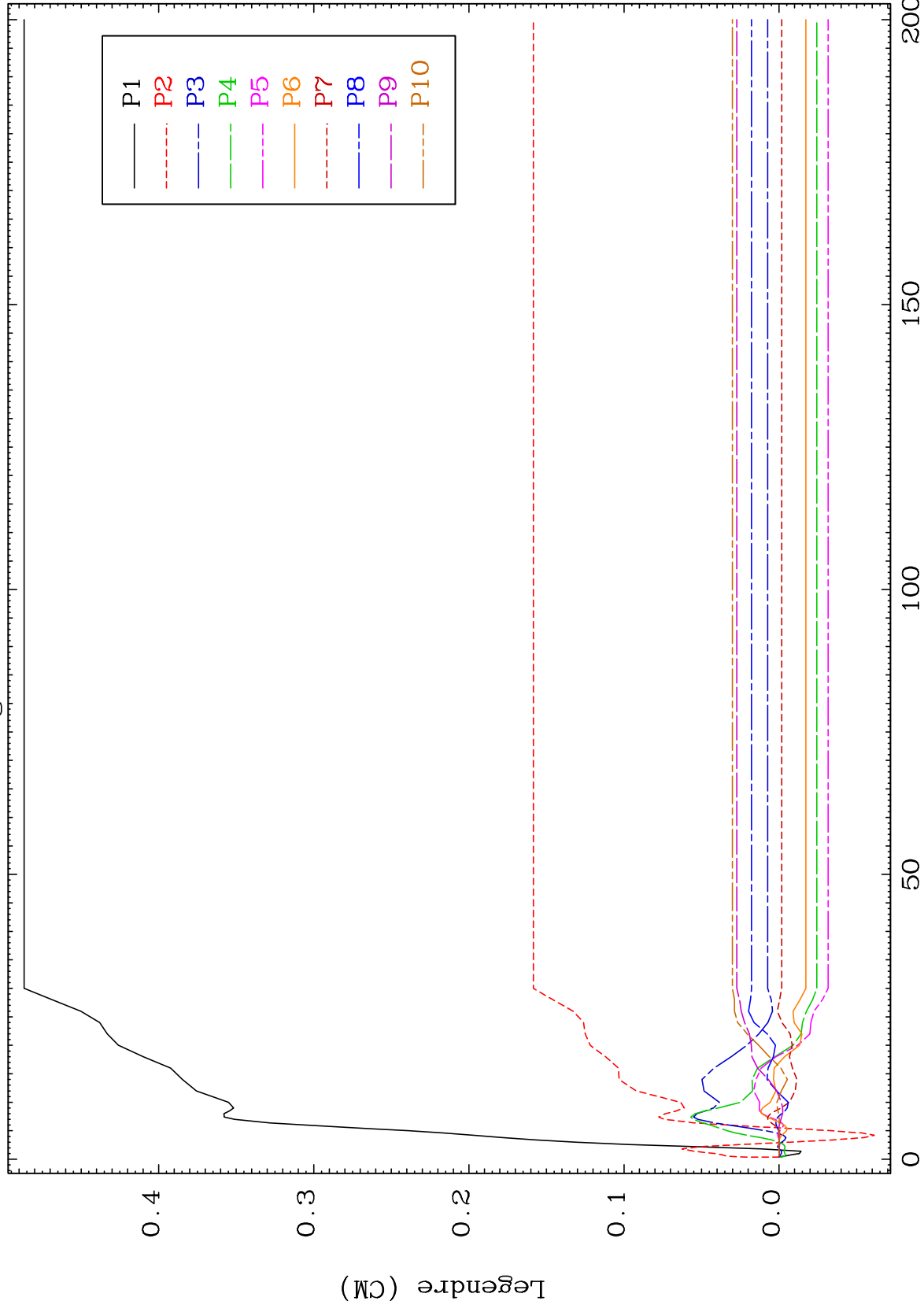
Legendre (CM)



MAT 8601

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

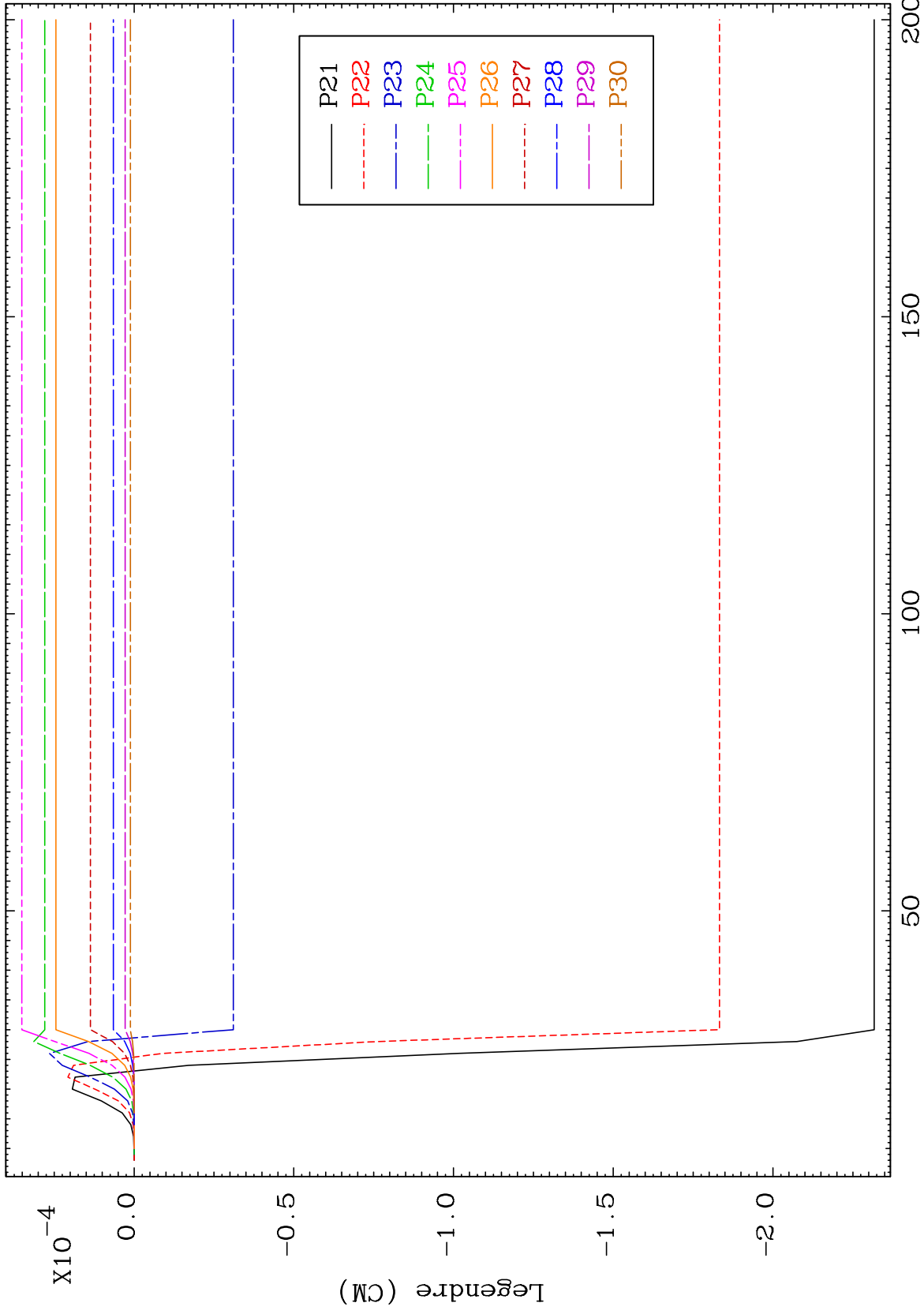
86-Rn-203



19

Incident Energy (MeV)

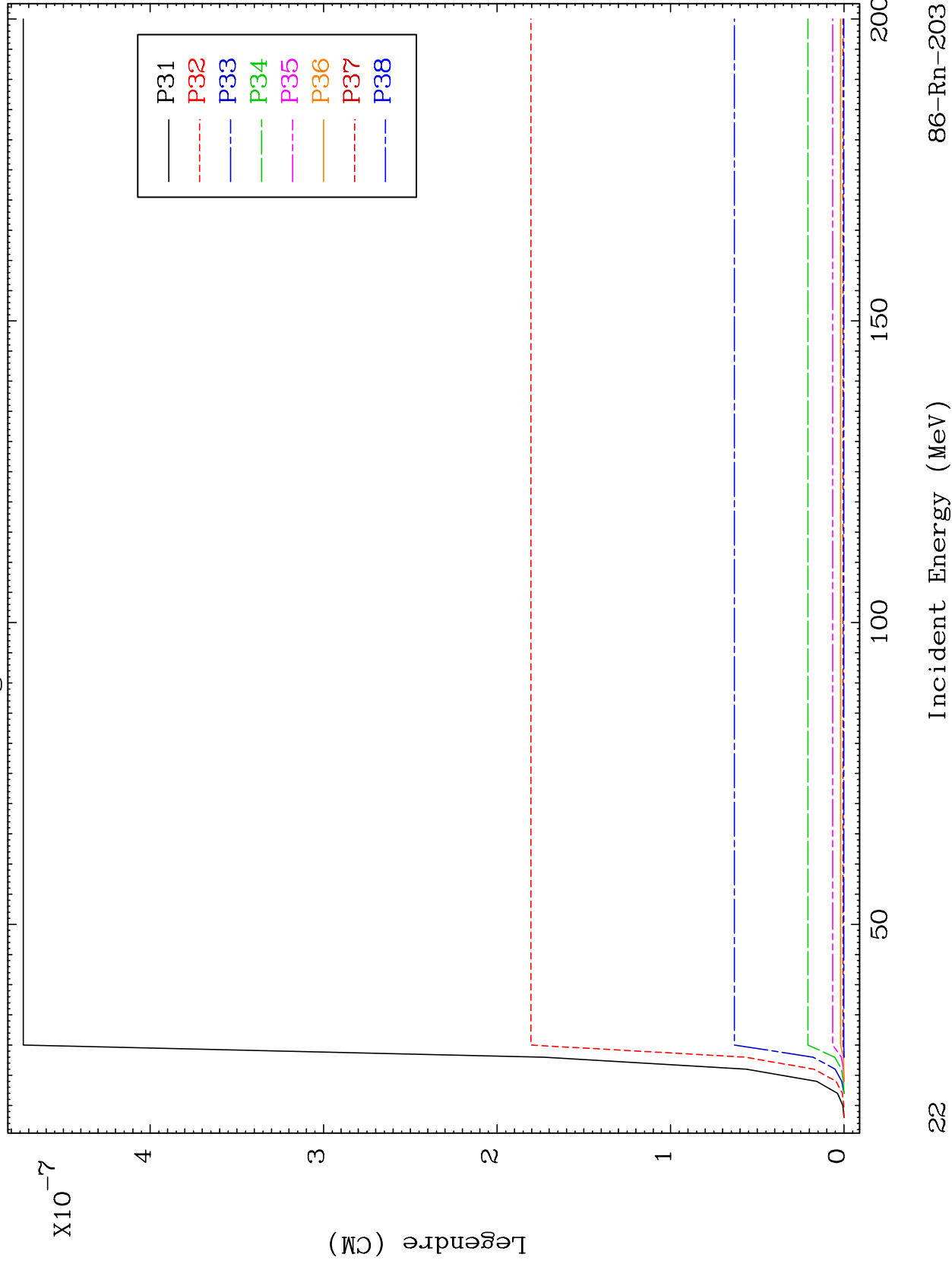
86-Rn-203



MAT 8601

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

86-Rn-203



22

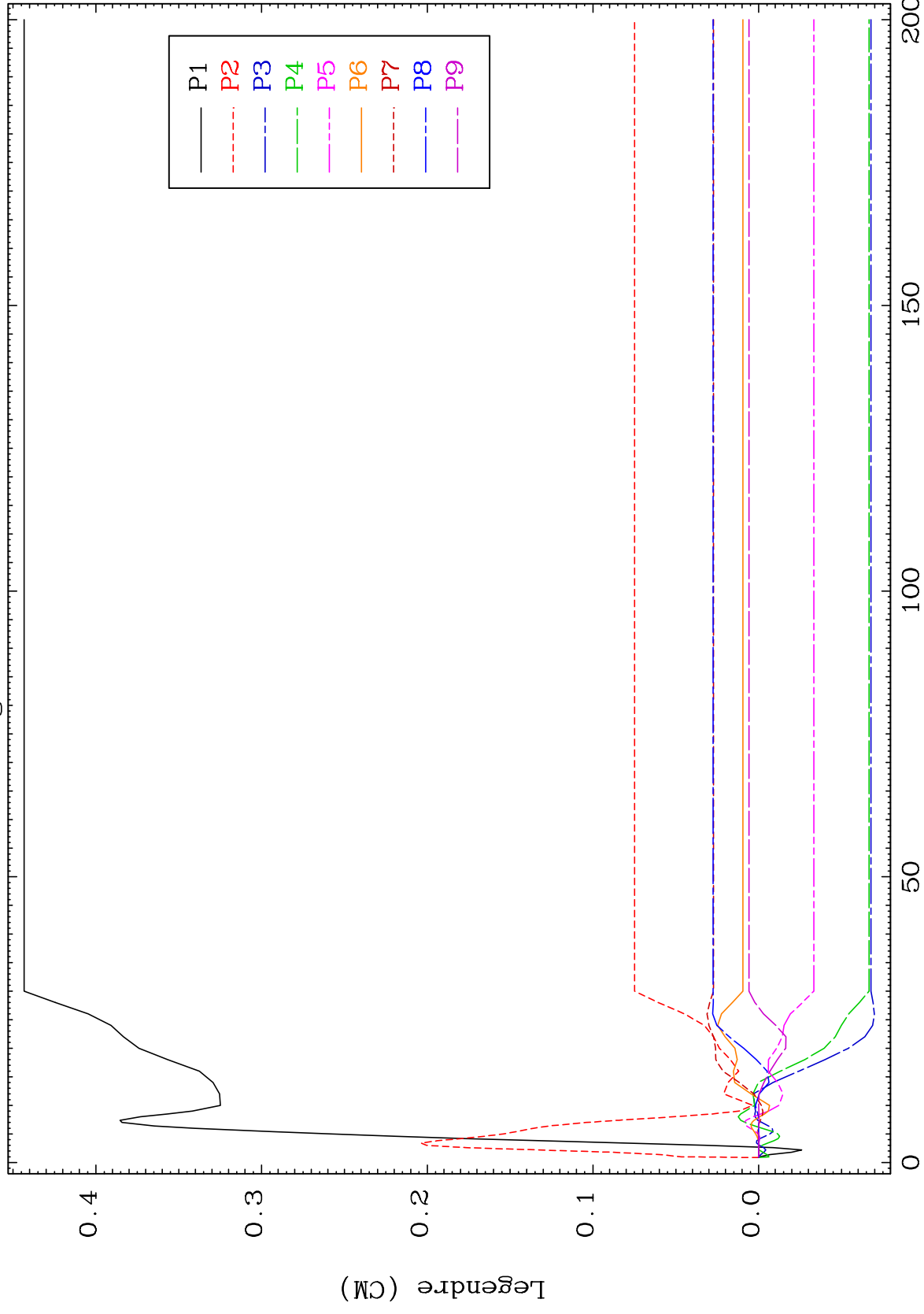
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



23

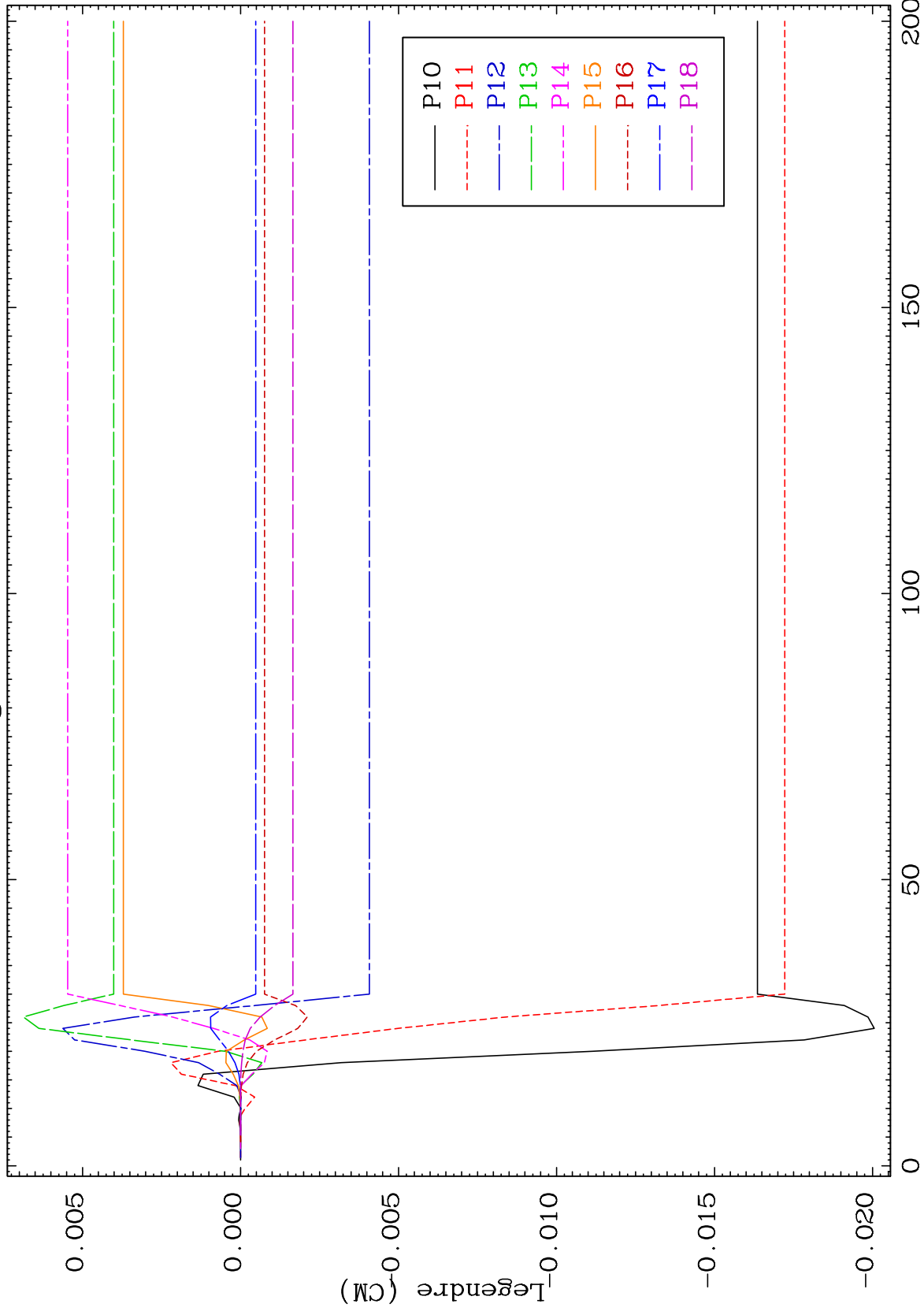
Incident Energy (MeV)

86-Rn-203

MAT 8601

86-Rn-203

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



24

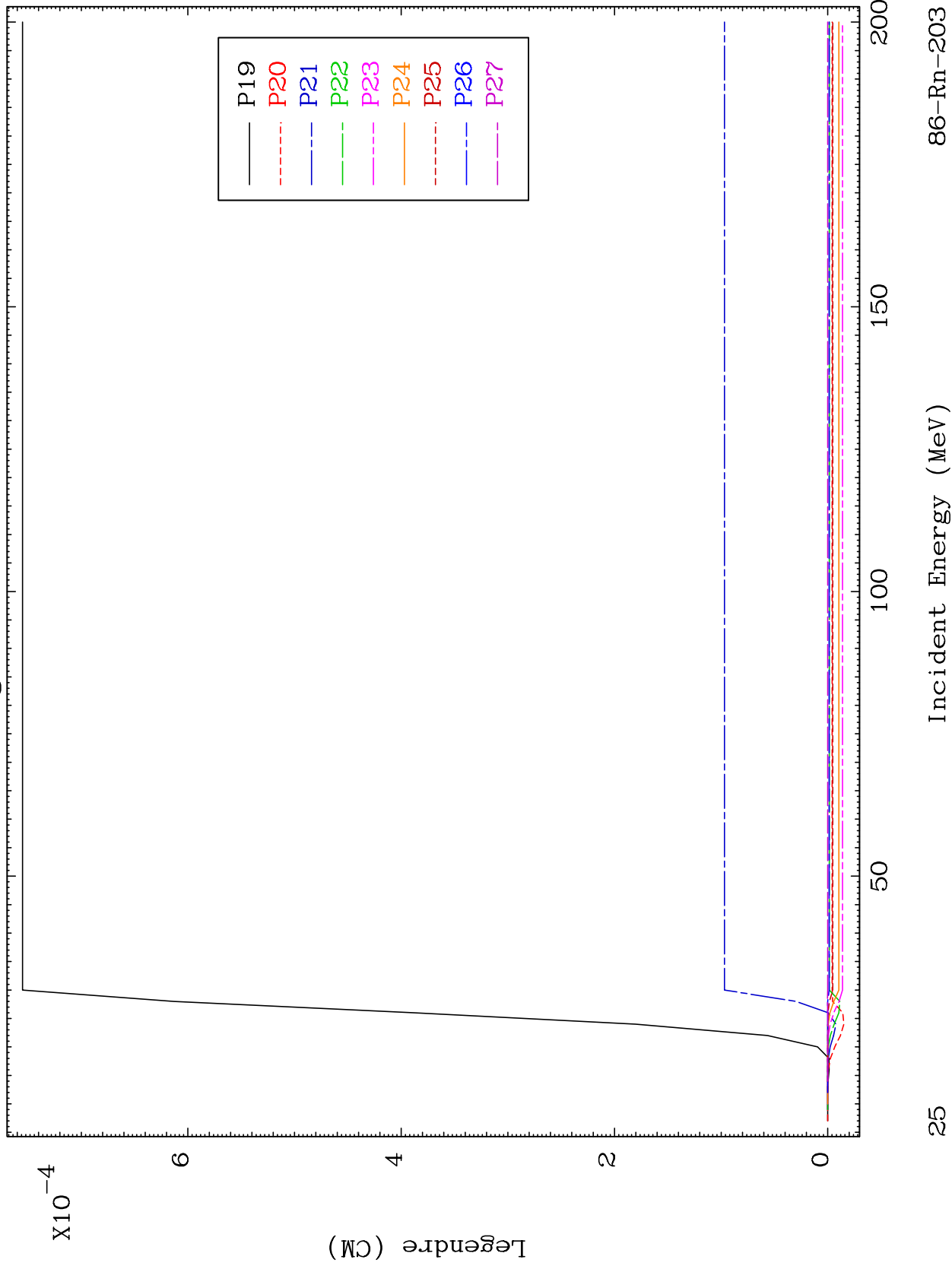
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



25

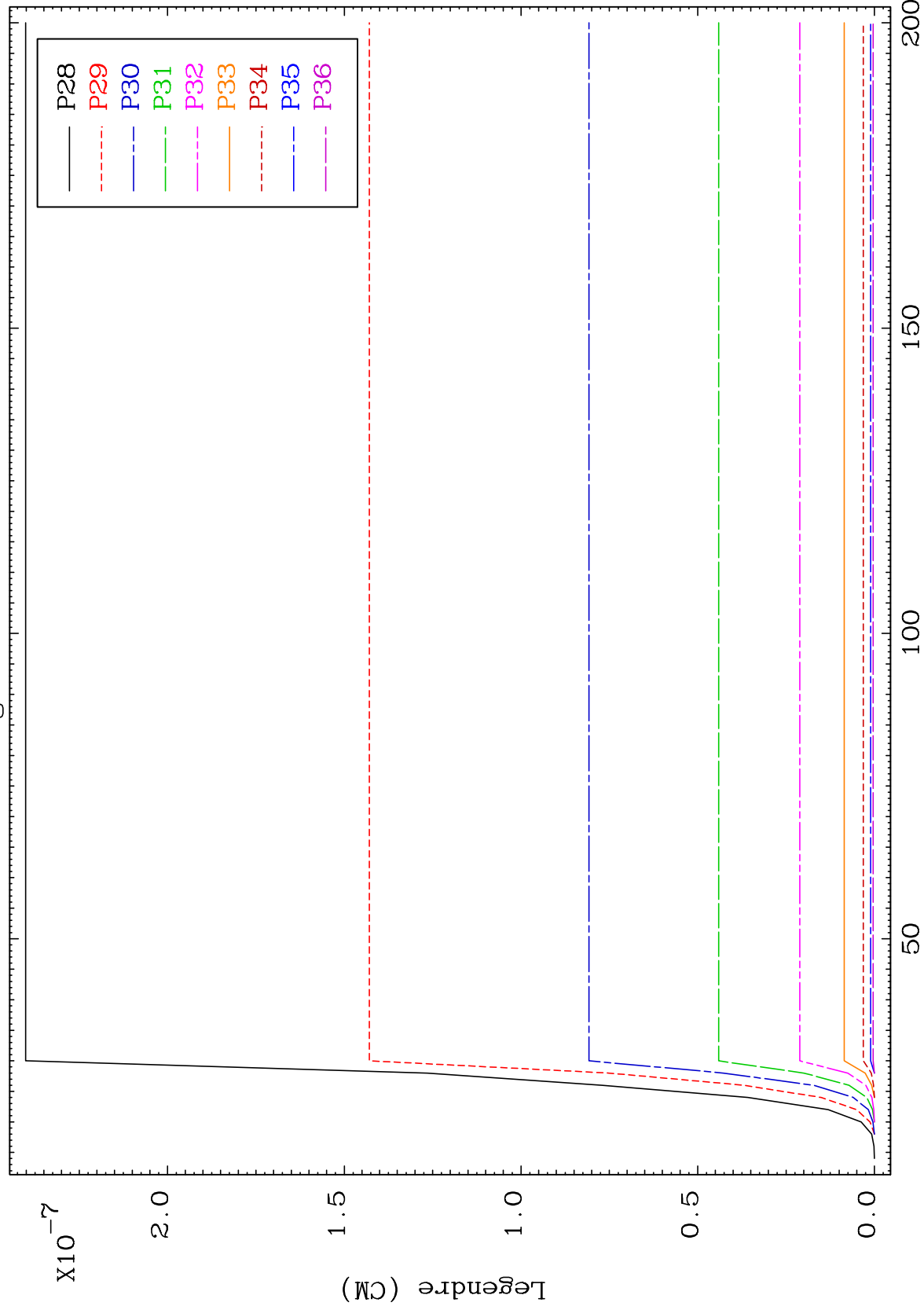
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



86-Rn-203

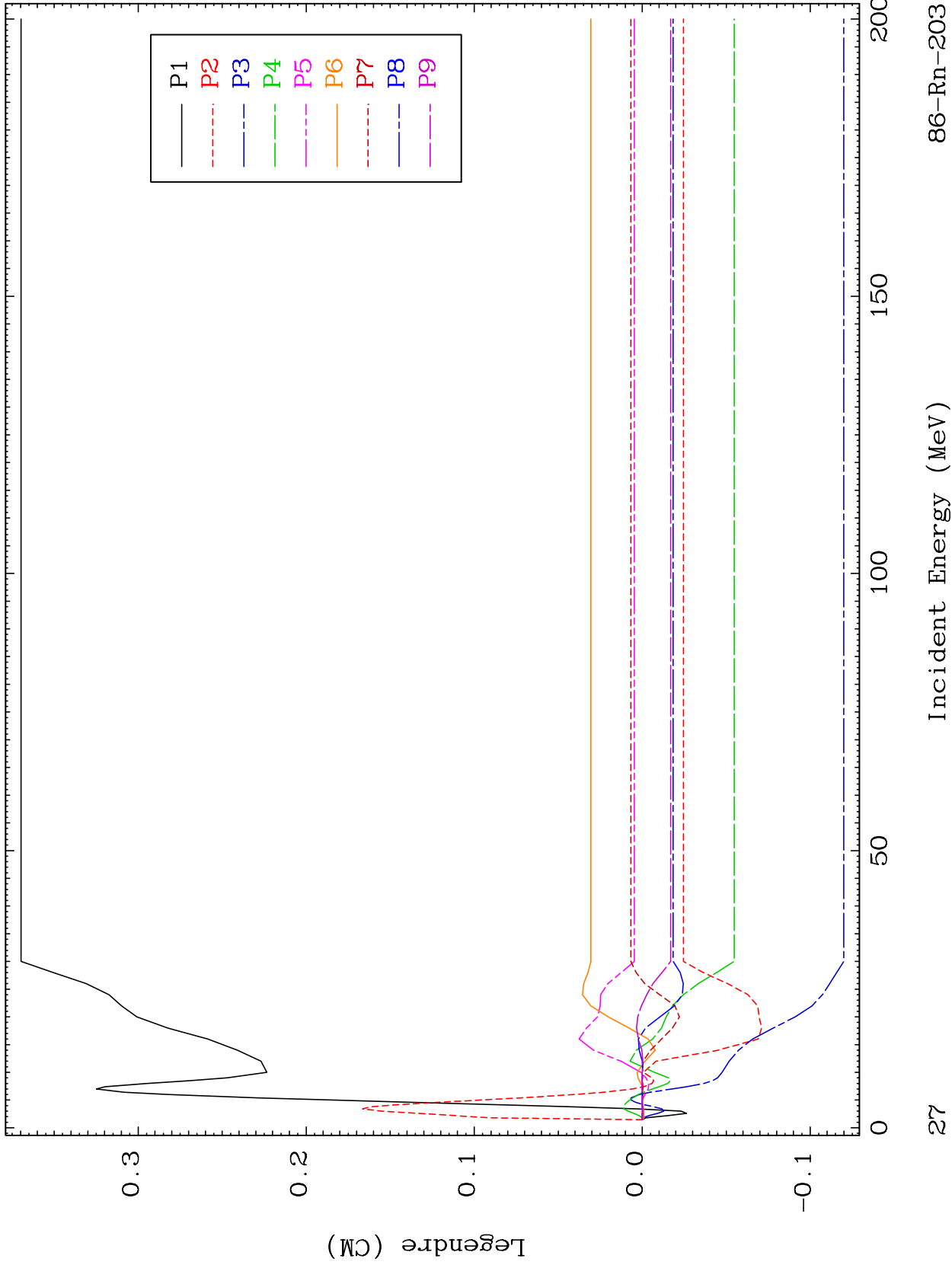
Incident Energy (MeV)

26

MAT 8601

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

86-Rn-203



86-Rn-203

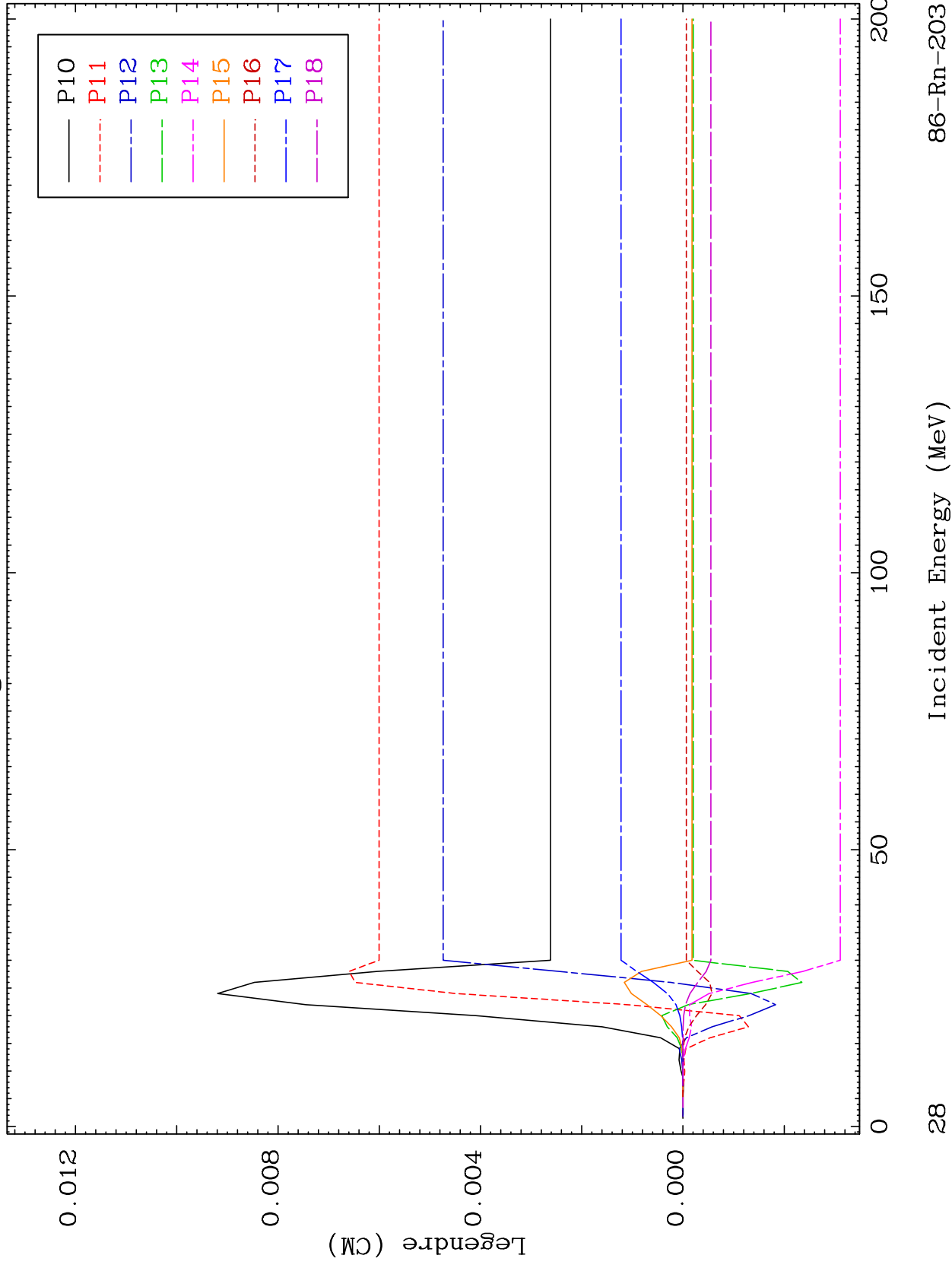
Incident Energy (MeV)

27

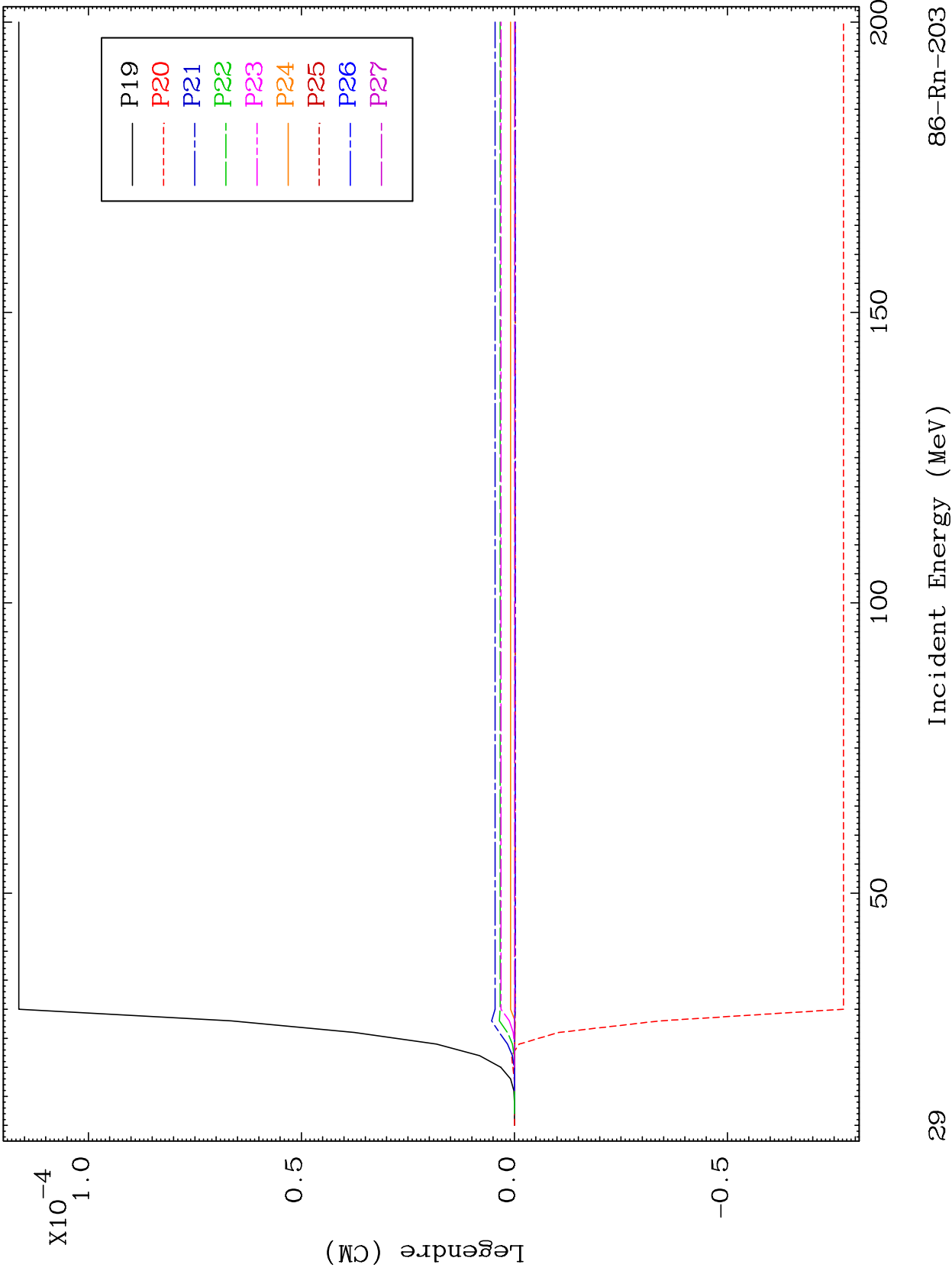
MAT 8601

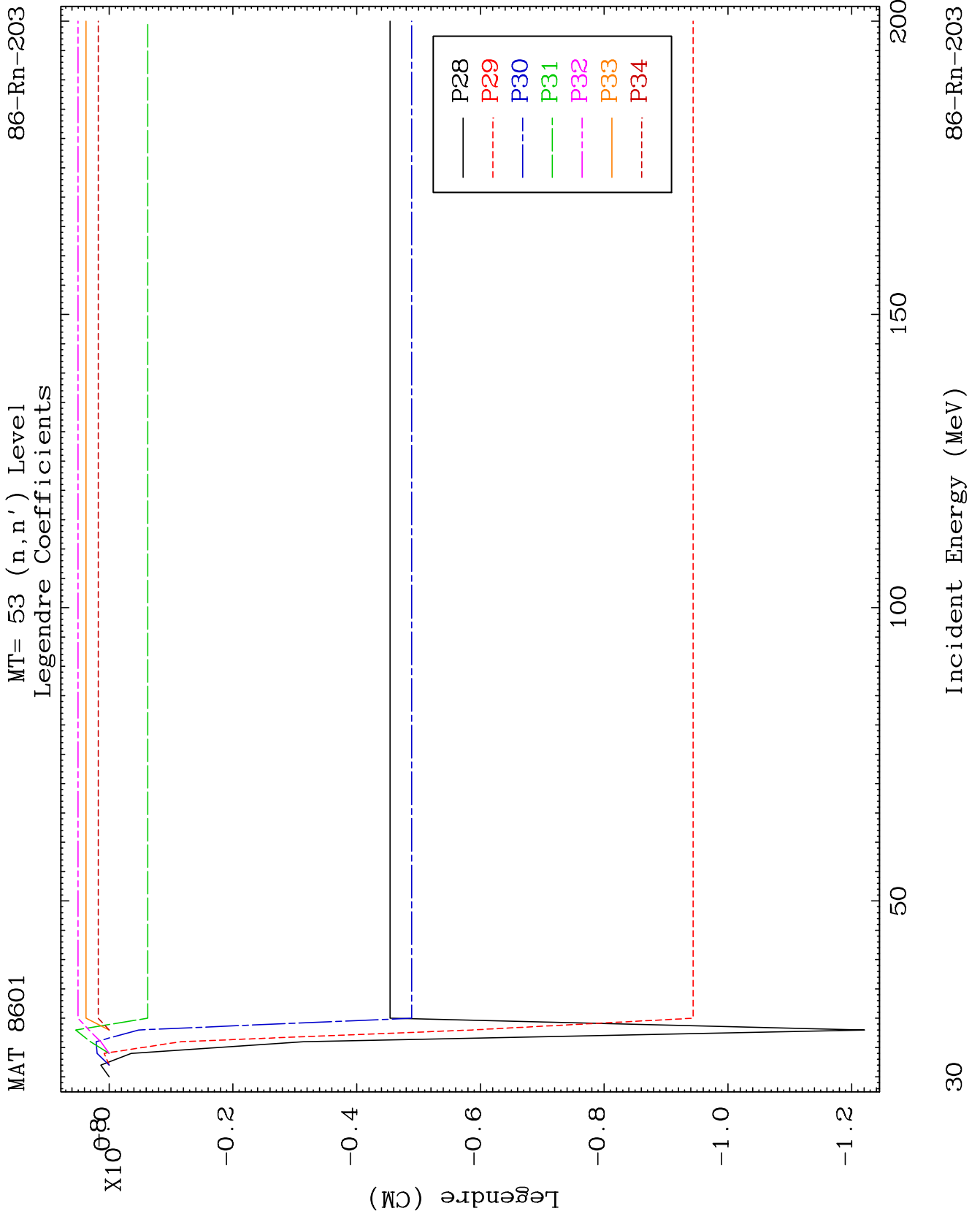
MT= 53 (n,n') Level
Legendre Coefficients

86-Rn-203



28

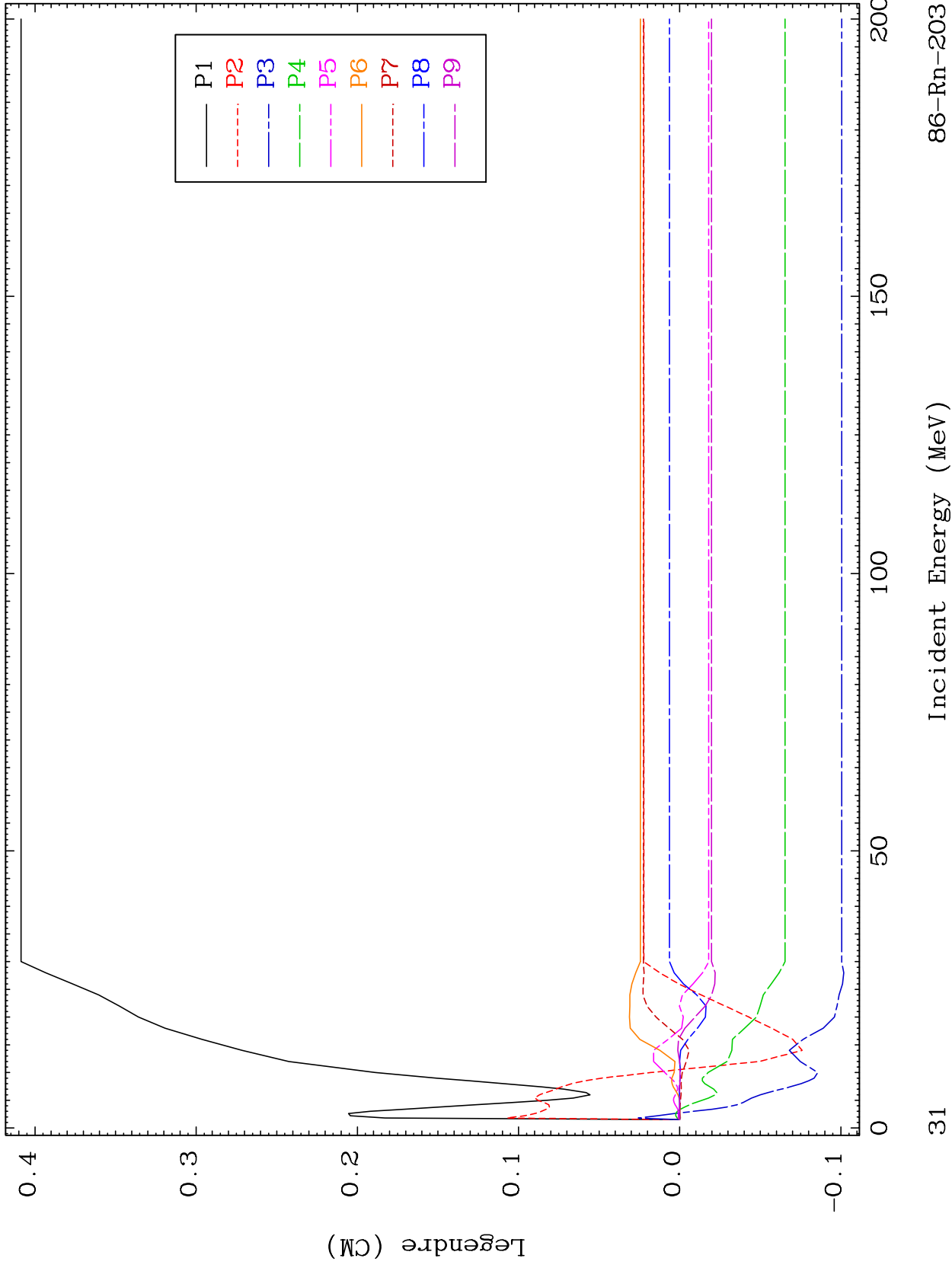




MAT 8601

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

86-Rn-203



31

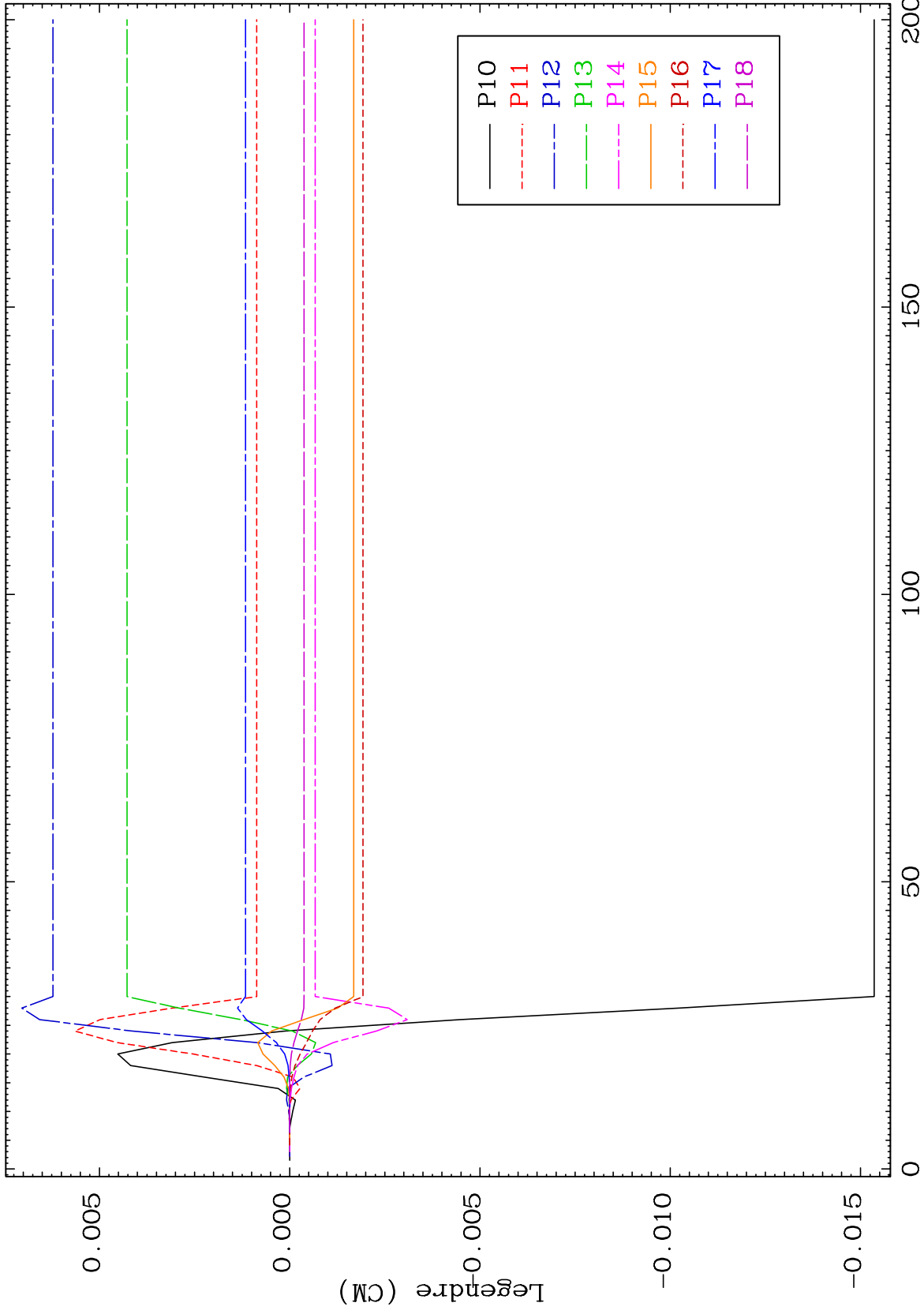
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



32

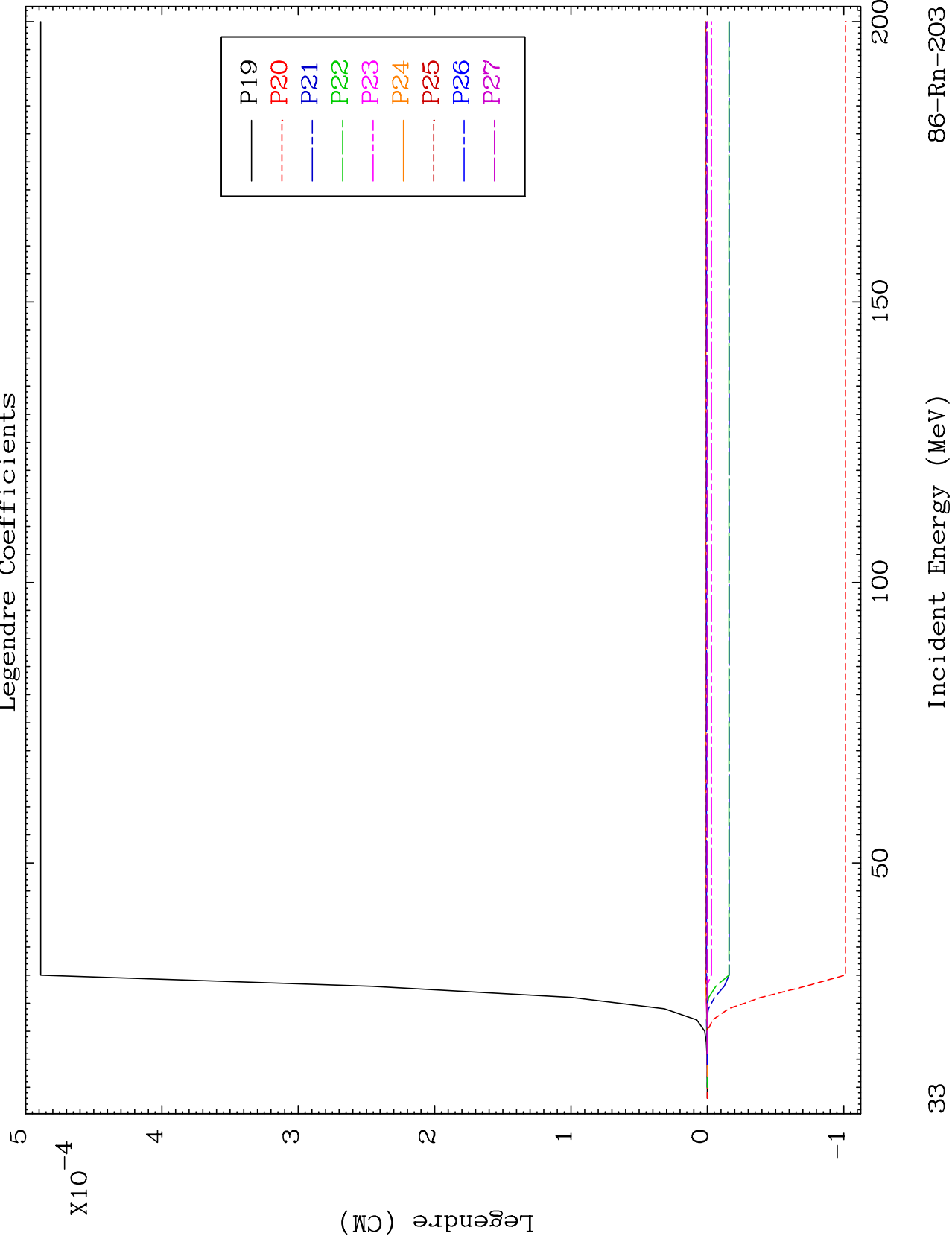
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



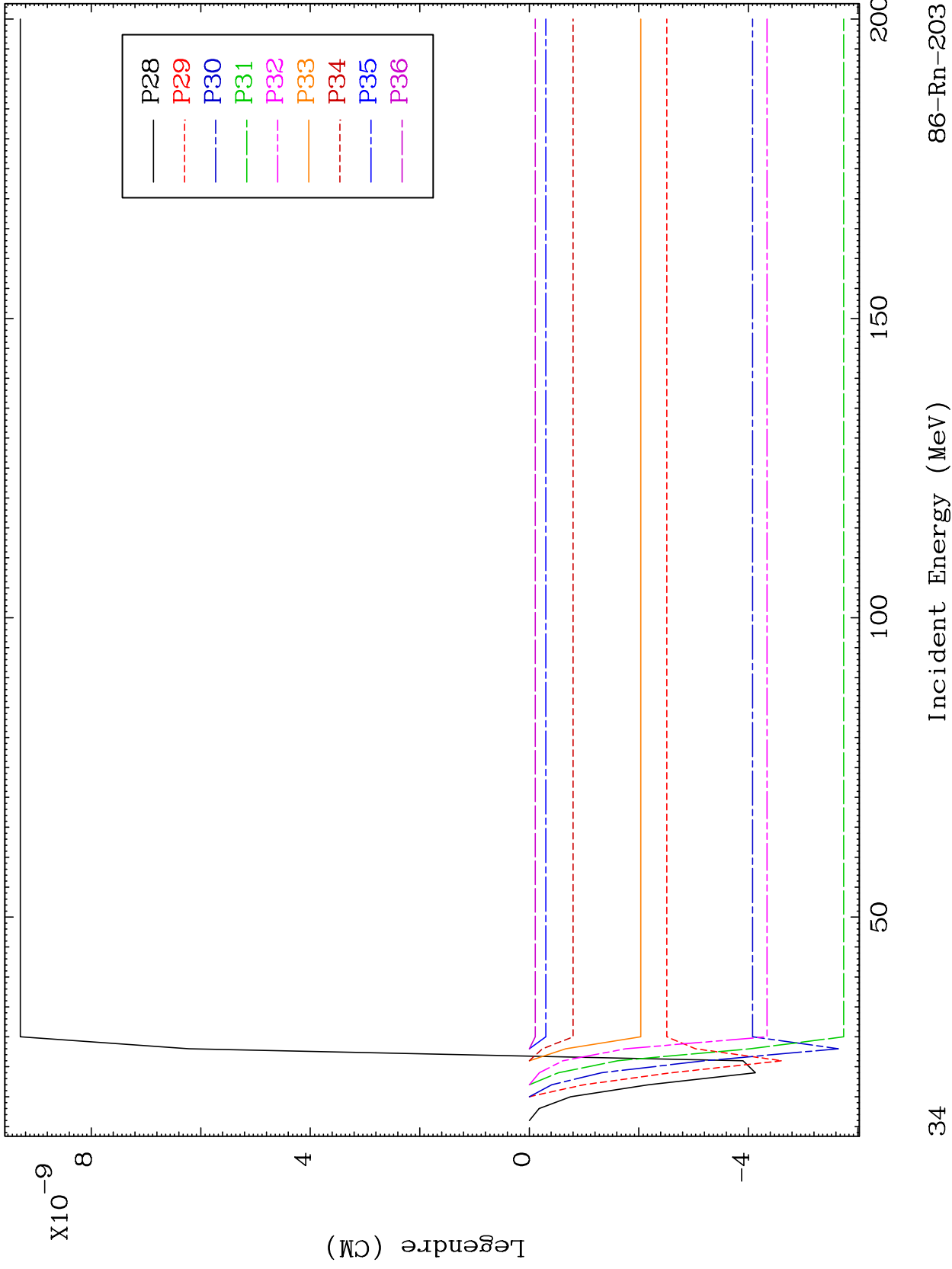
33

86-Rn-203

MAT 8601

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

86-Rn-203



34

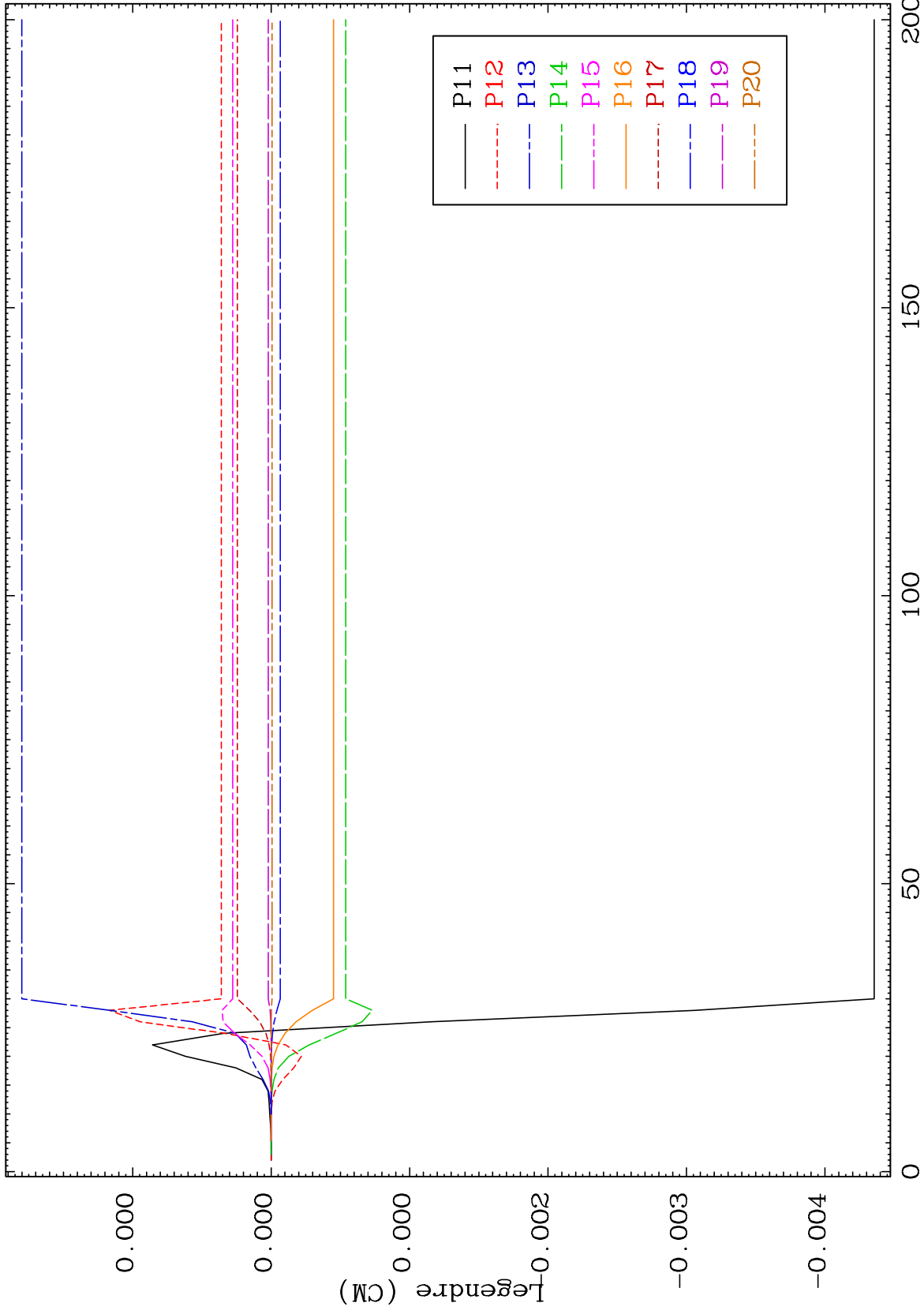
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



36

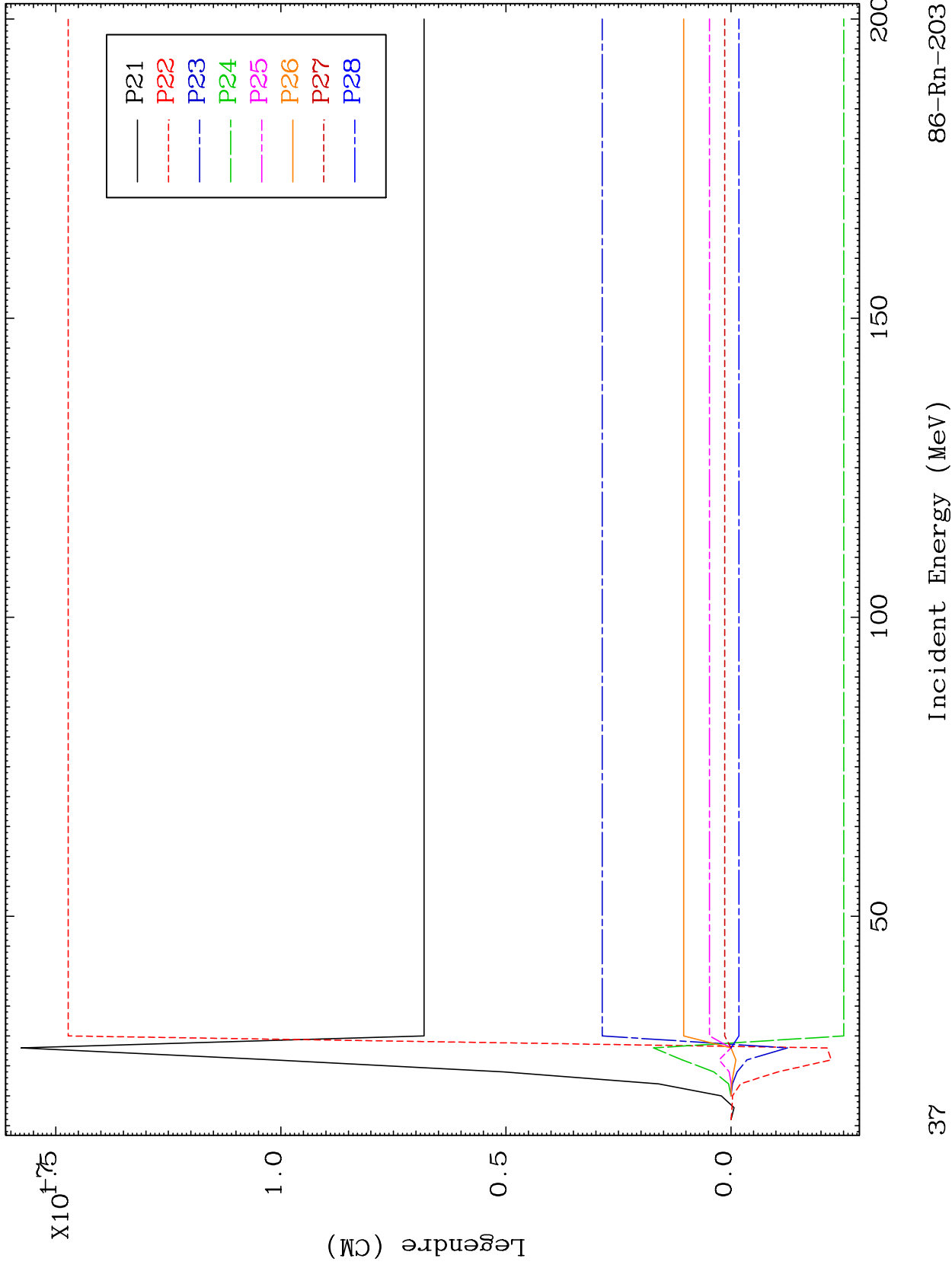
Incident Energy (MeV)

86-Rn-203

MAT 8601

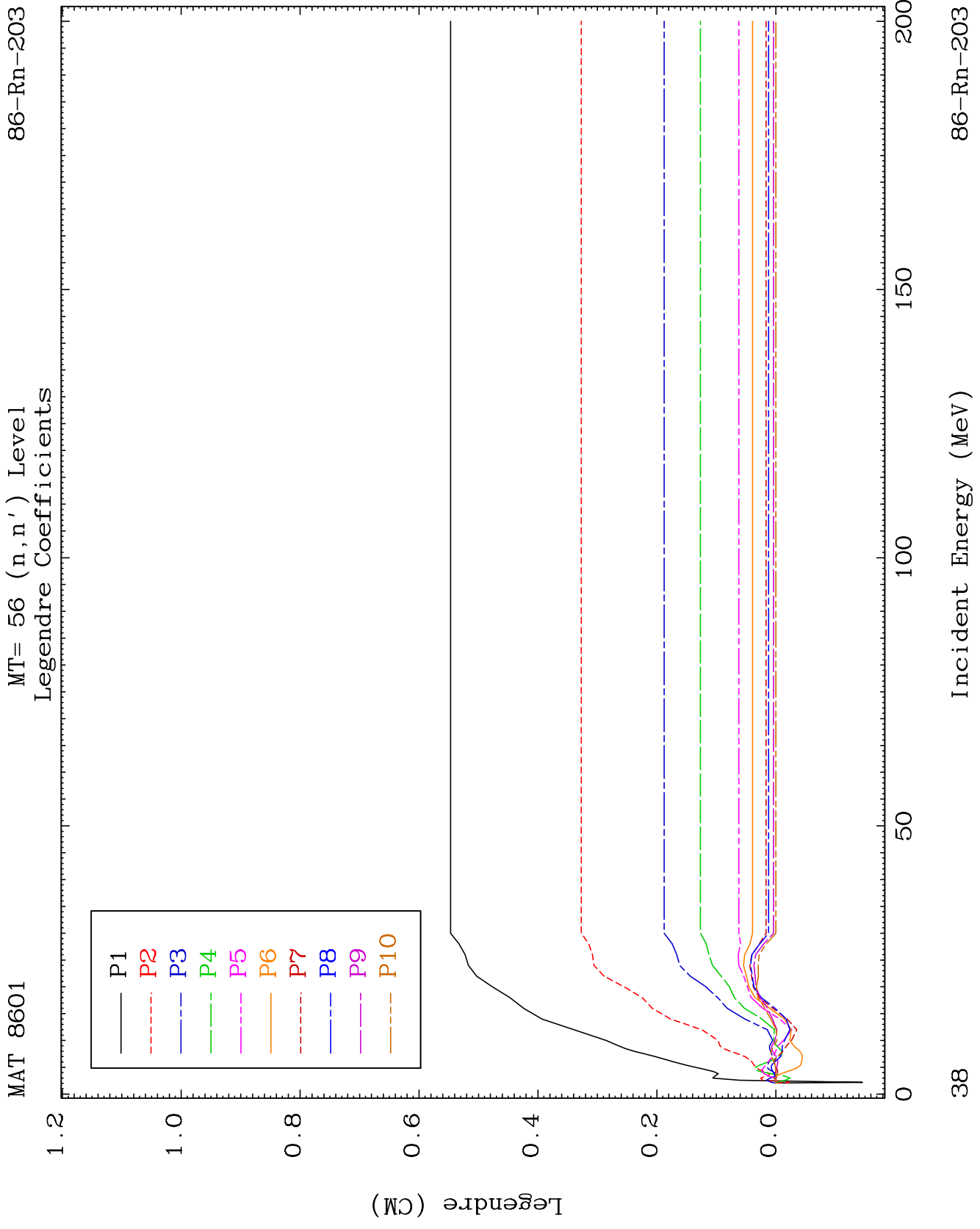
86-Rn-203

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



37

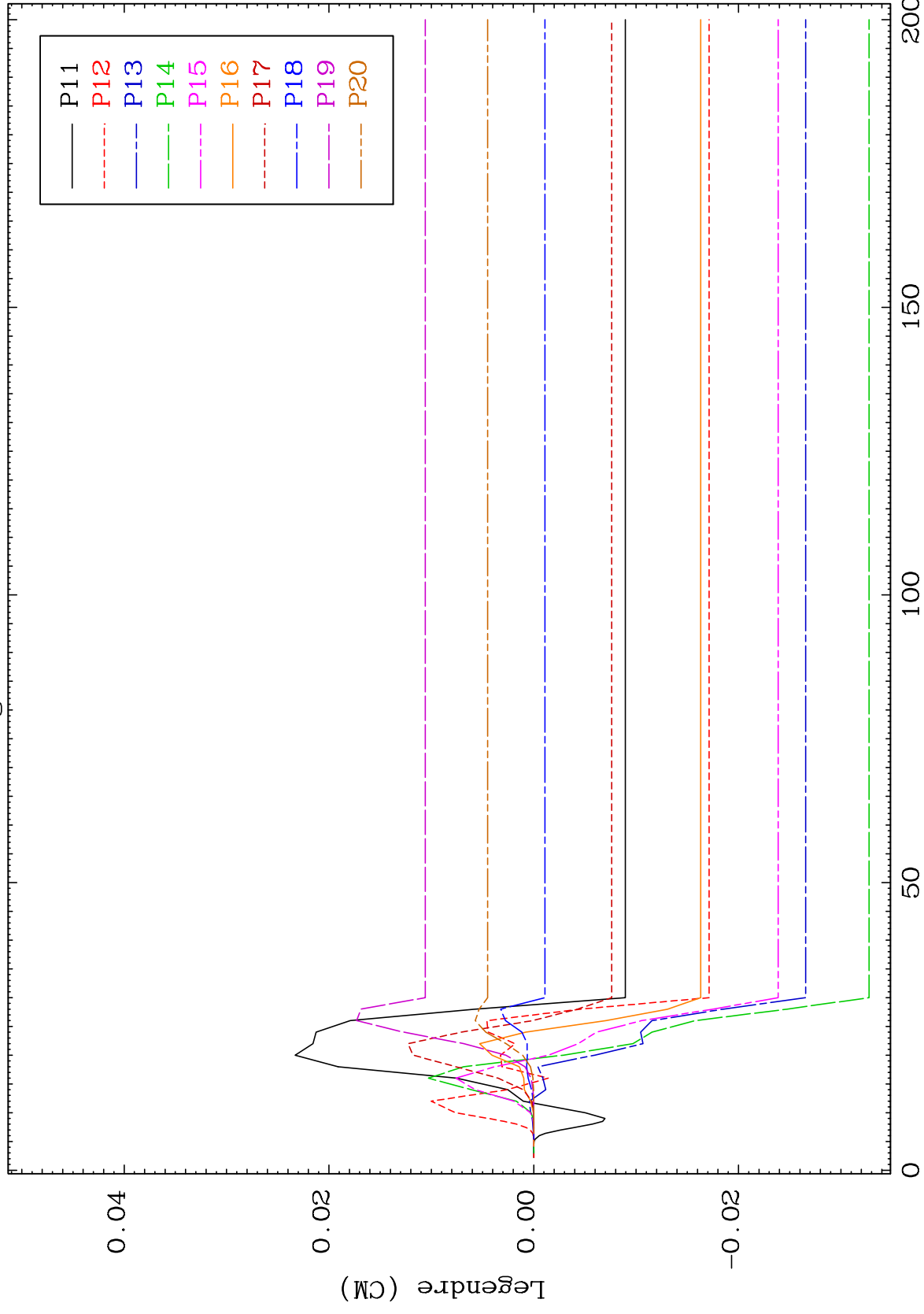
86-Rn-203



MAT 8601

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

86-Rn-203



39

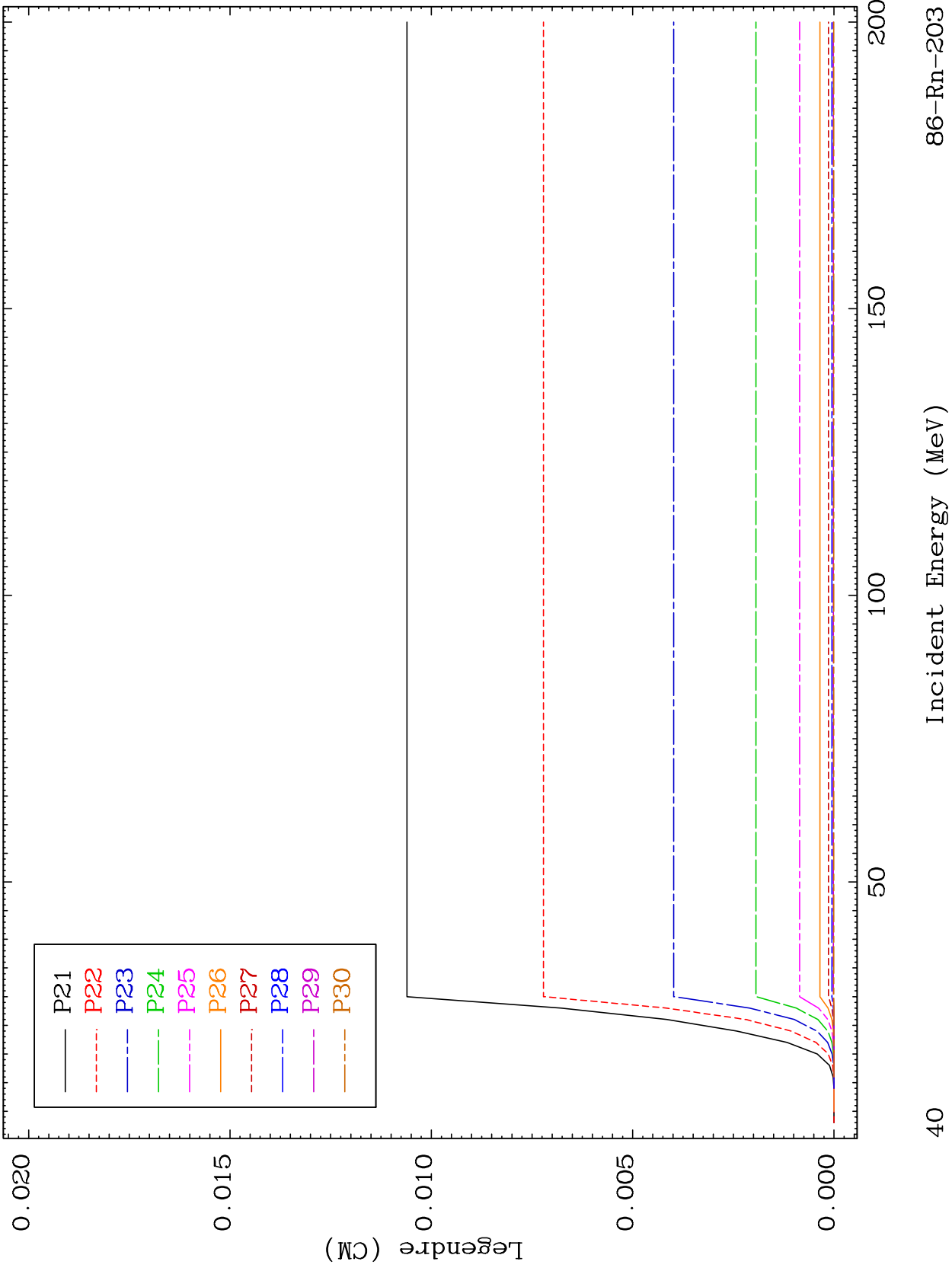
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



40

Incident Energy (MeV)

50

100

150

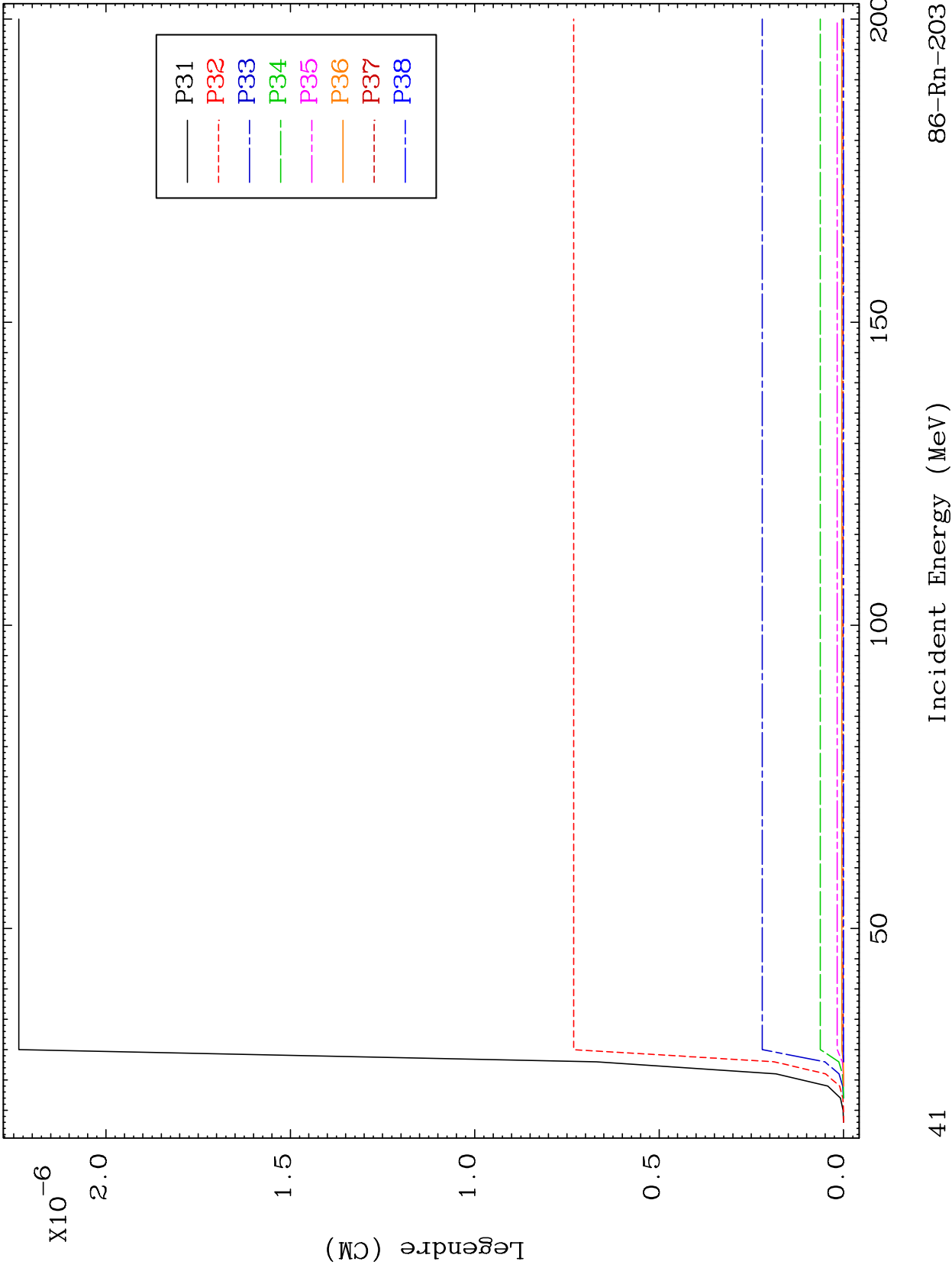
200

86-Rn-203

MAT 8601

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

86-Rn-203



41

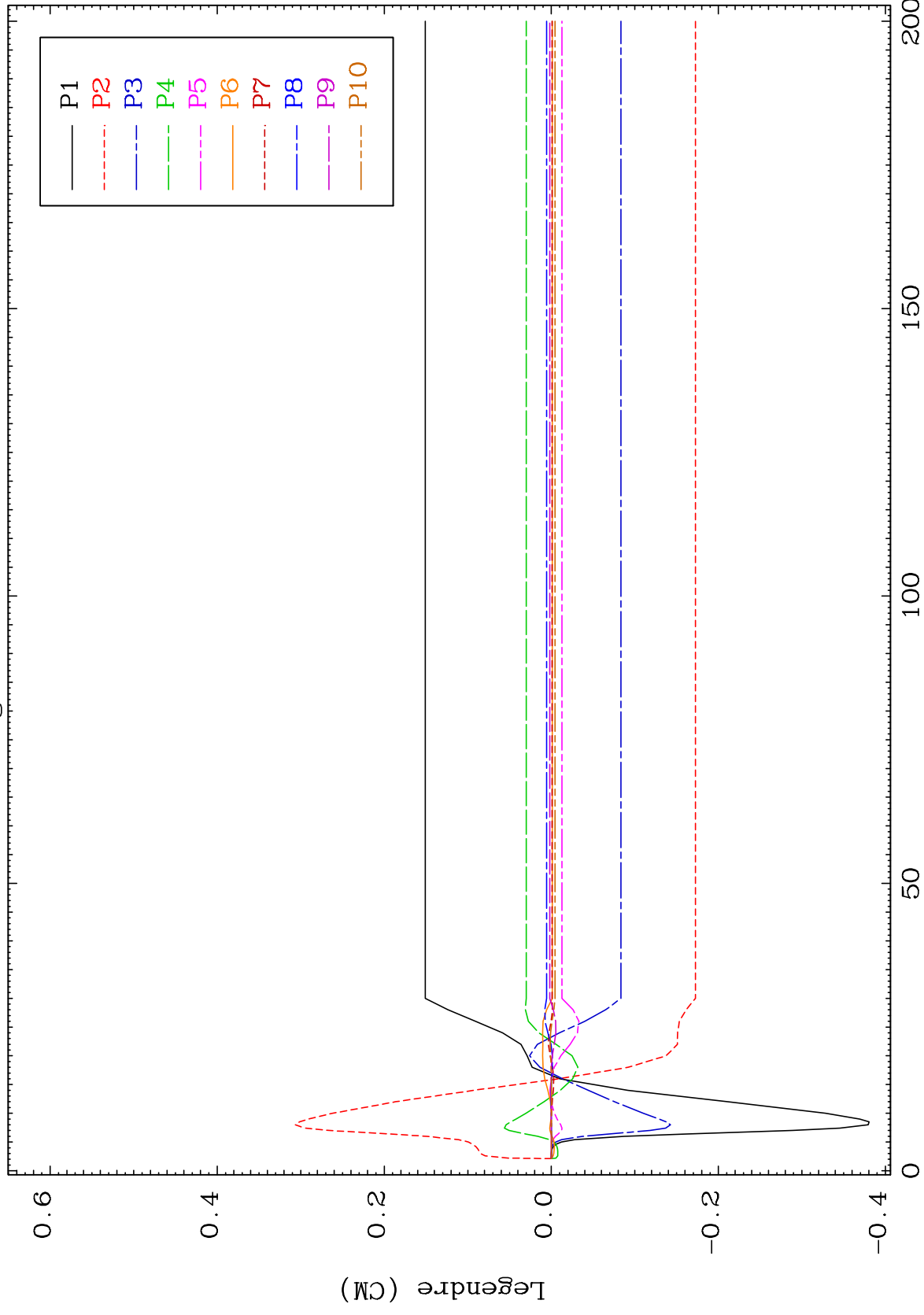
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



42

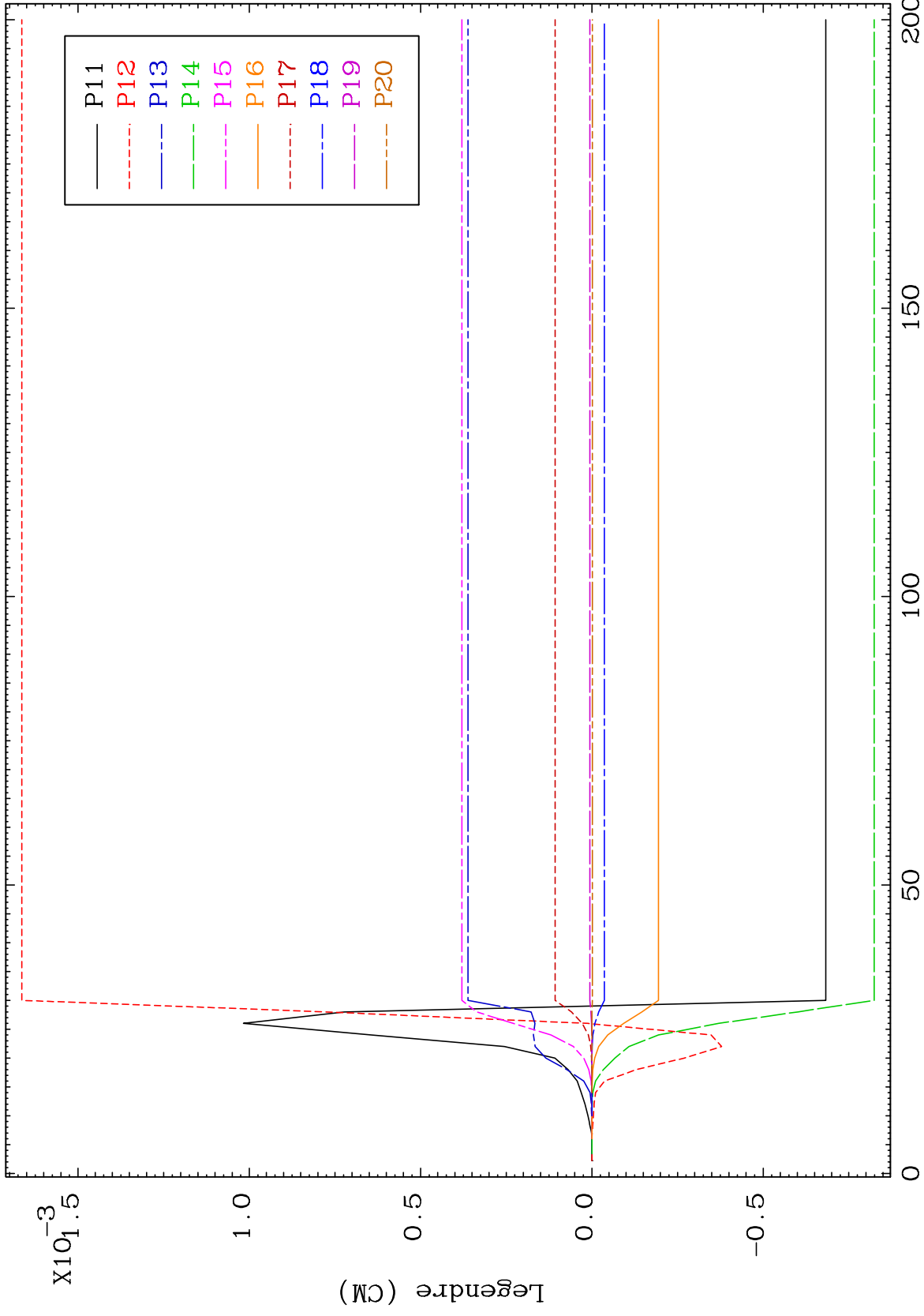
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



43

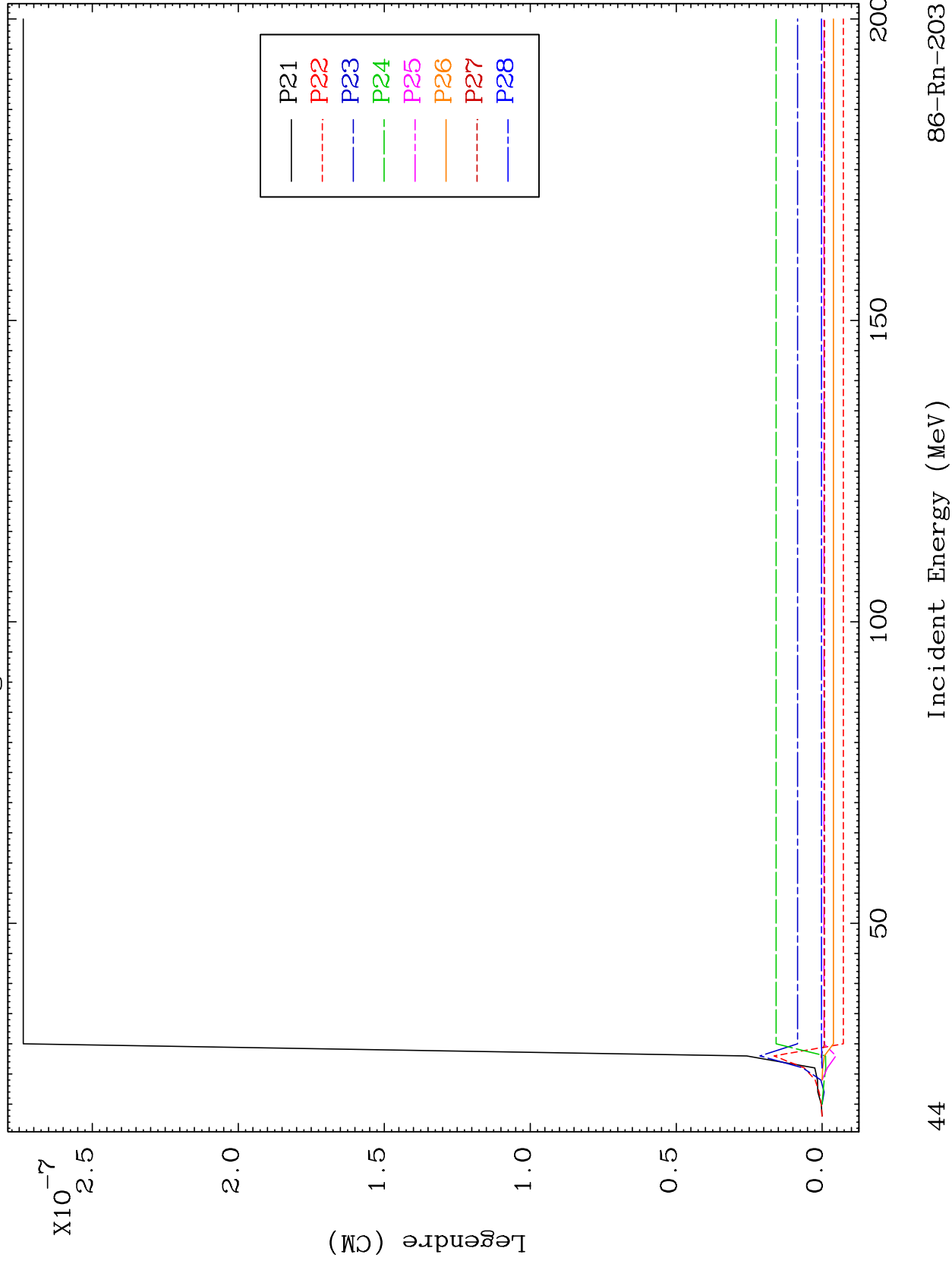
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



44

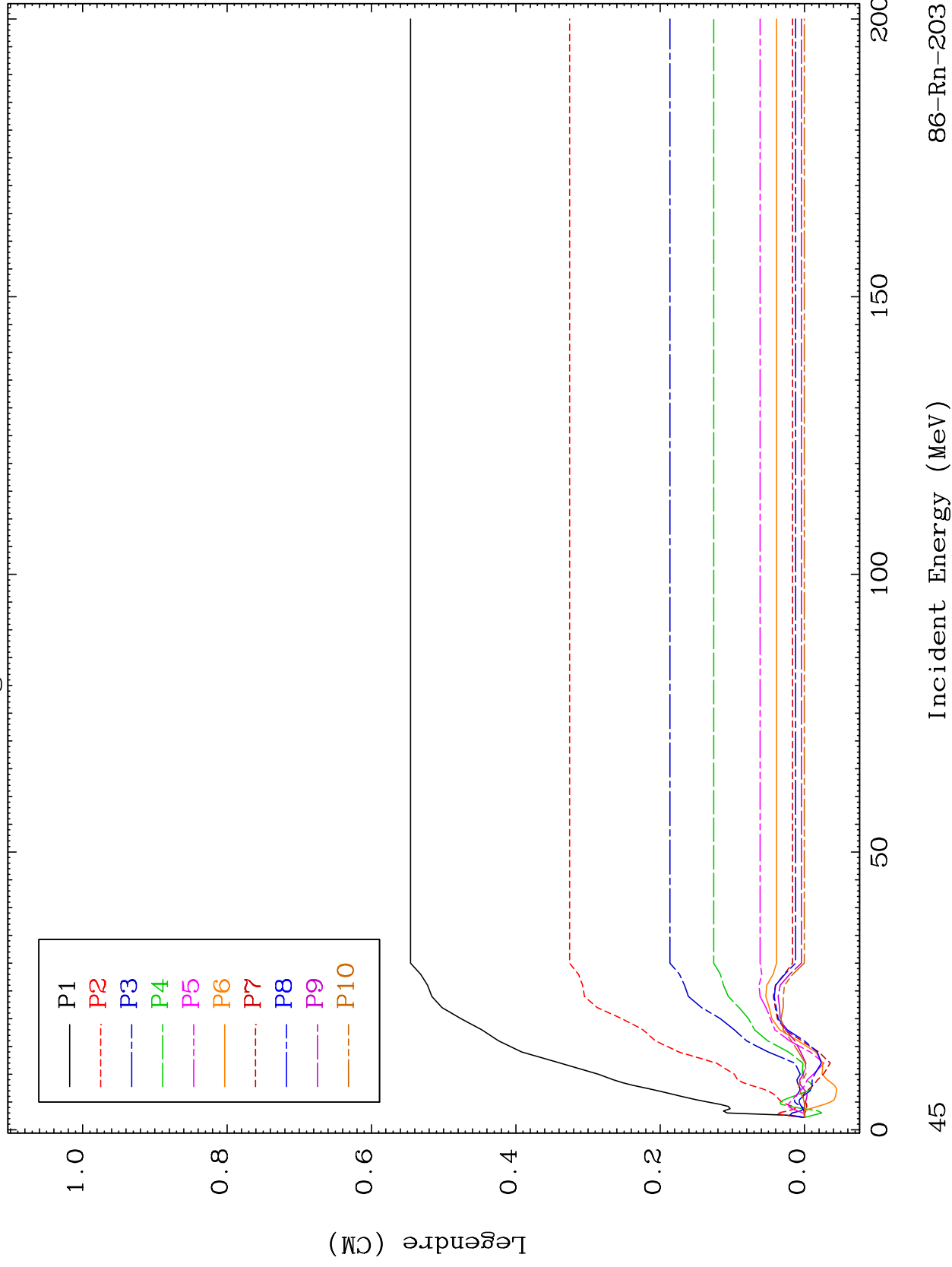
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

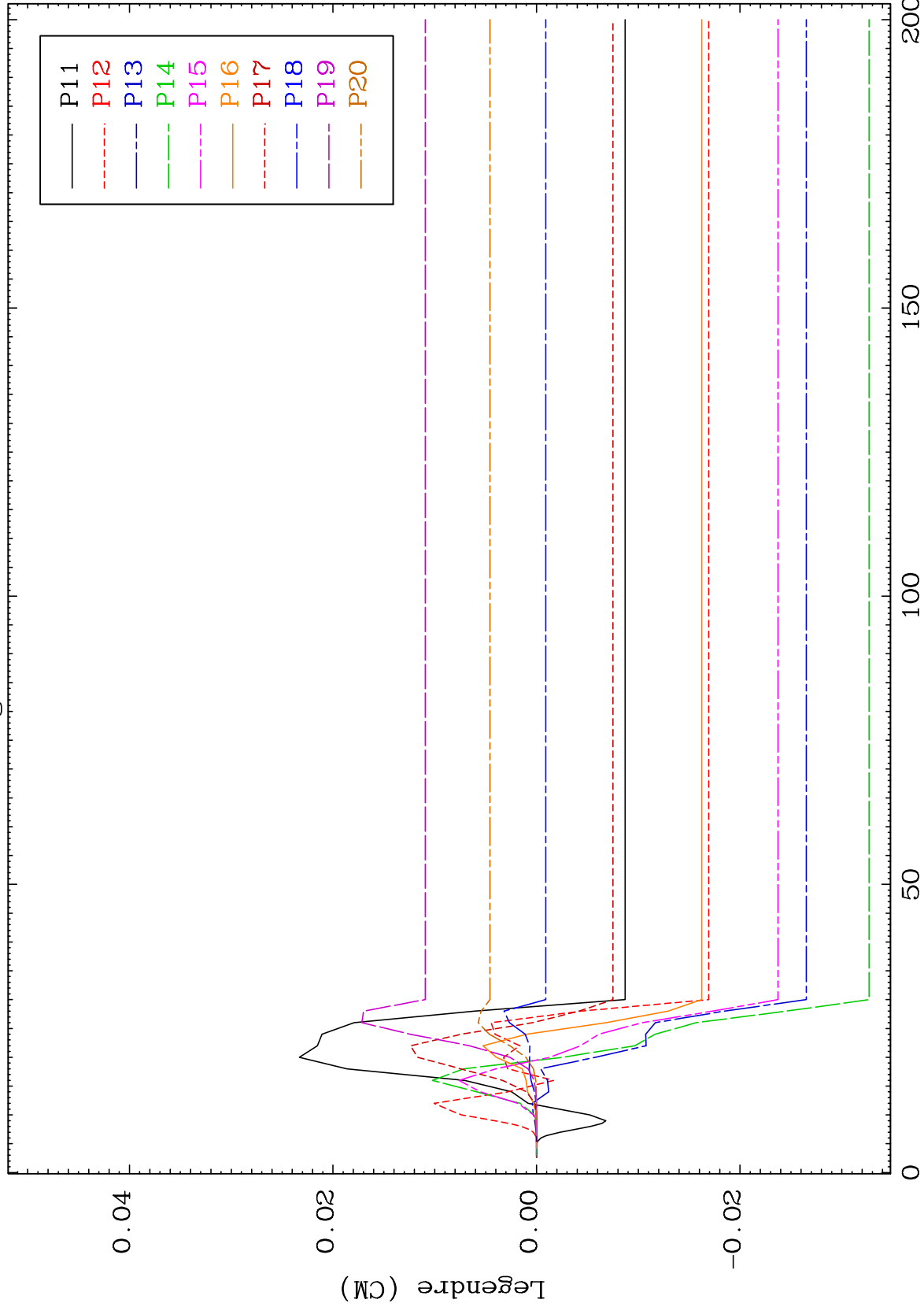
86-Rn-203



MAT 8601

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

86-Rn-203



46

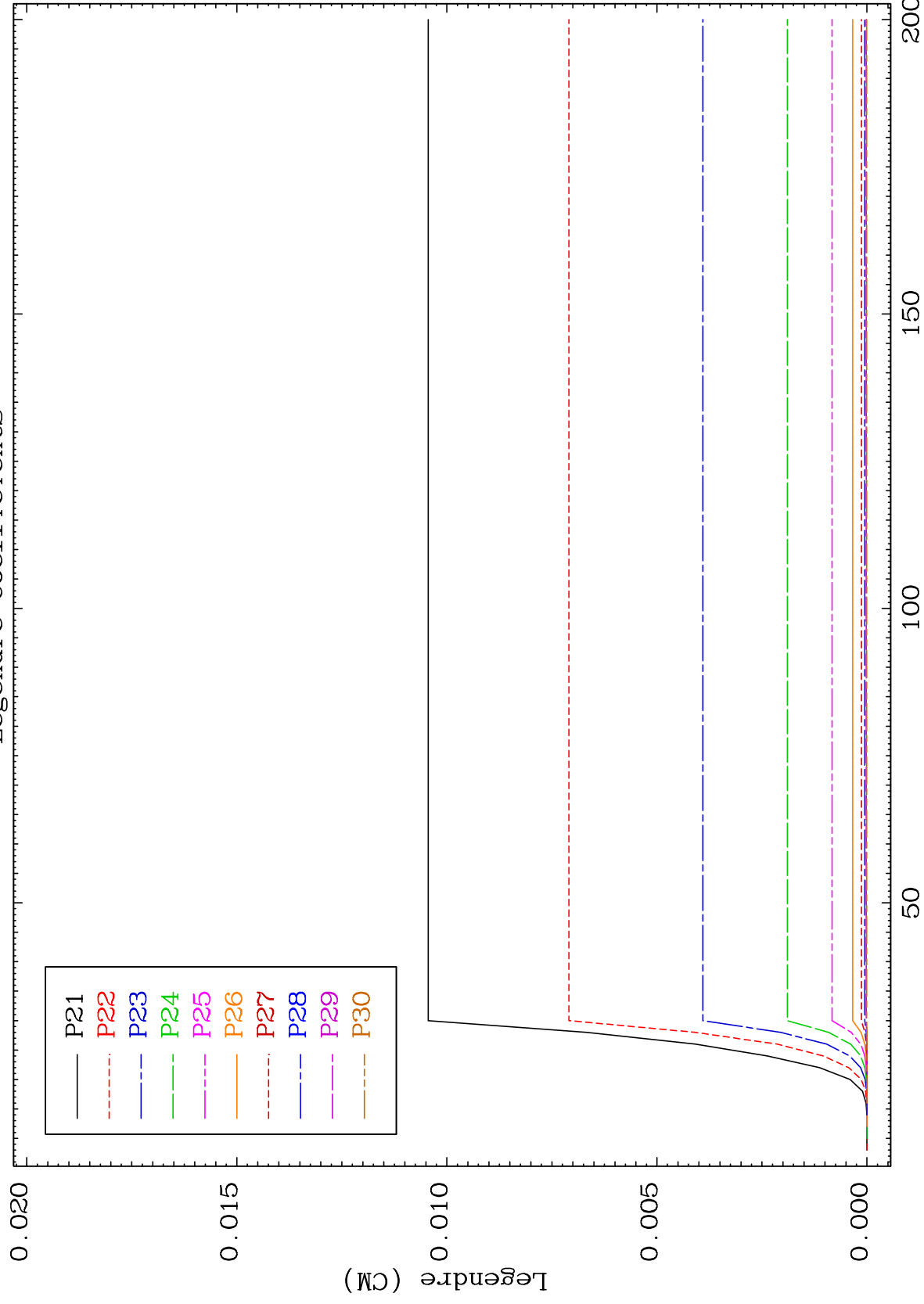
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



47

Incident Energy (MeV)

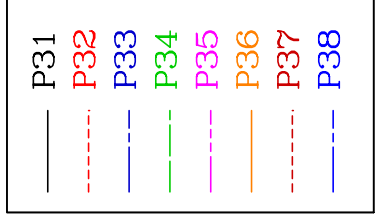
86-Rn-203

MAT 8601

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

86-Rn-203

$\times 10^{-6}$

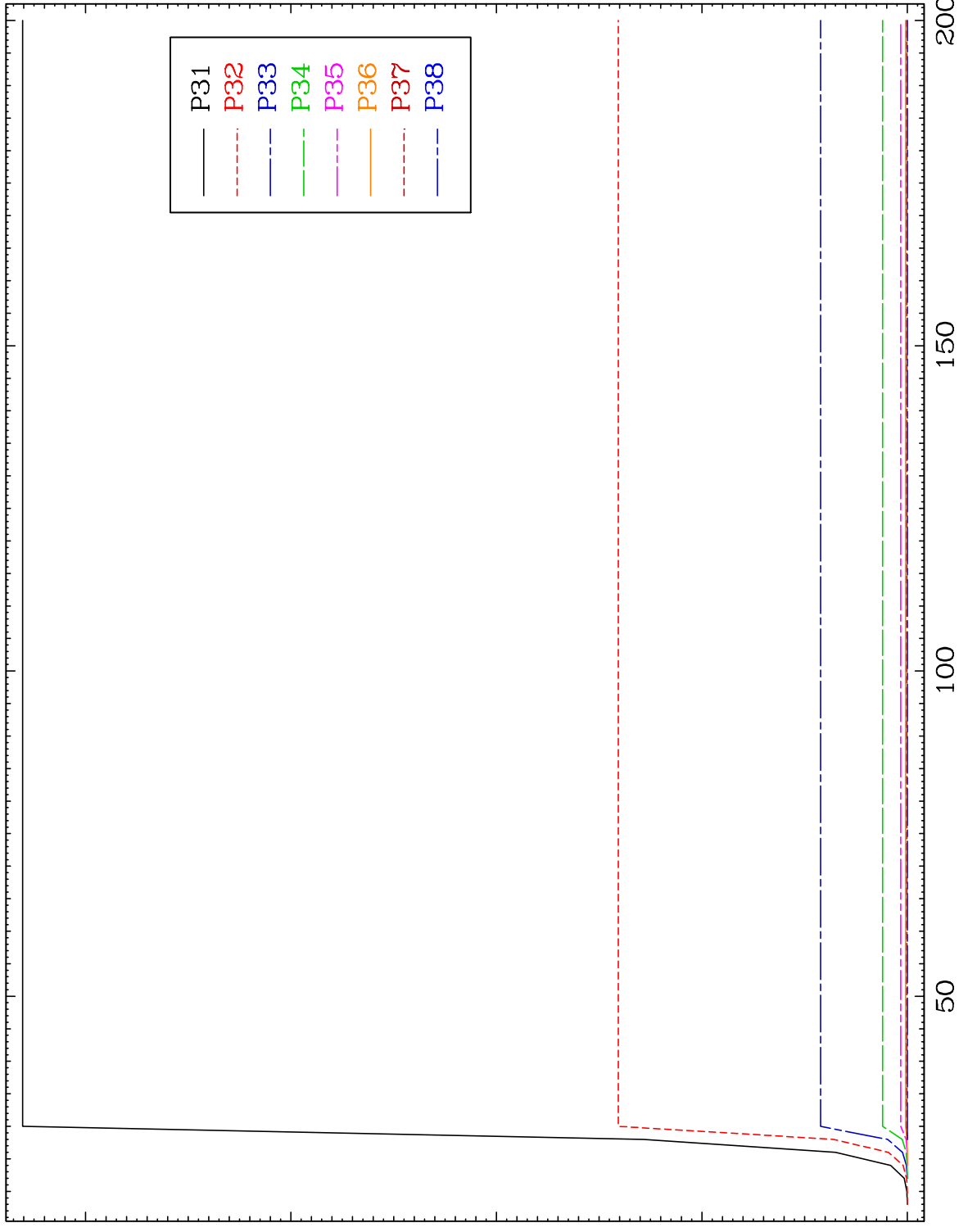


Legendre (CM)

48

Incident Energy (MeV)

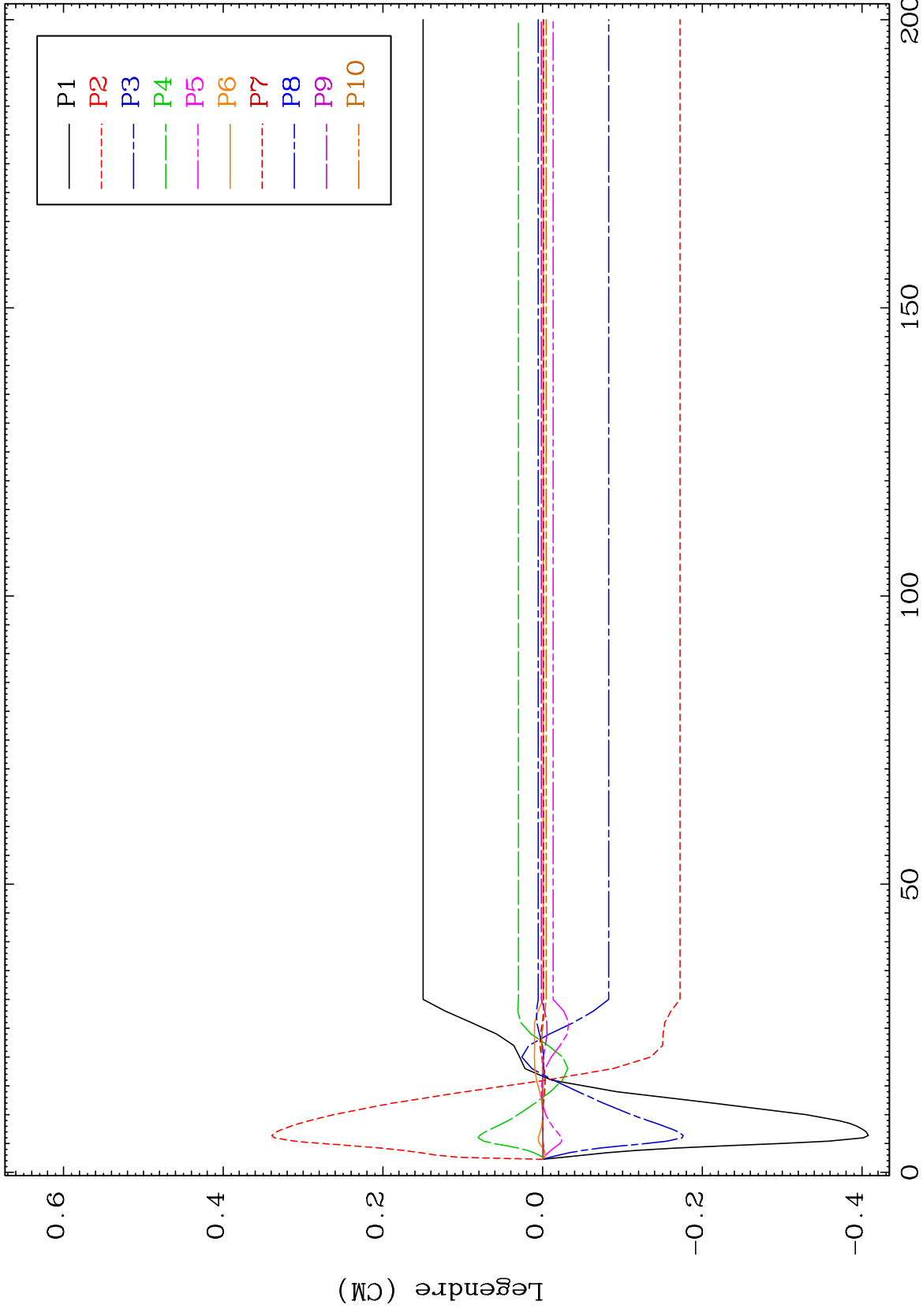
86-Rn-203



MAT 8601

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

86-Rn-203



49

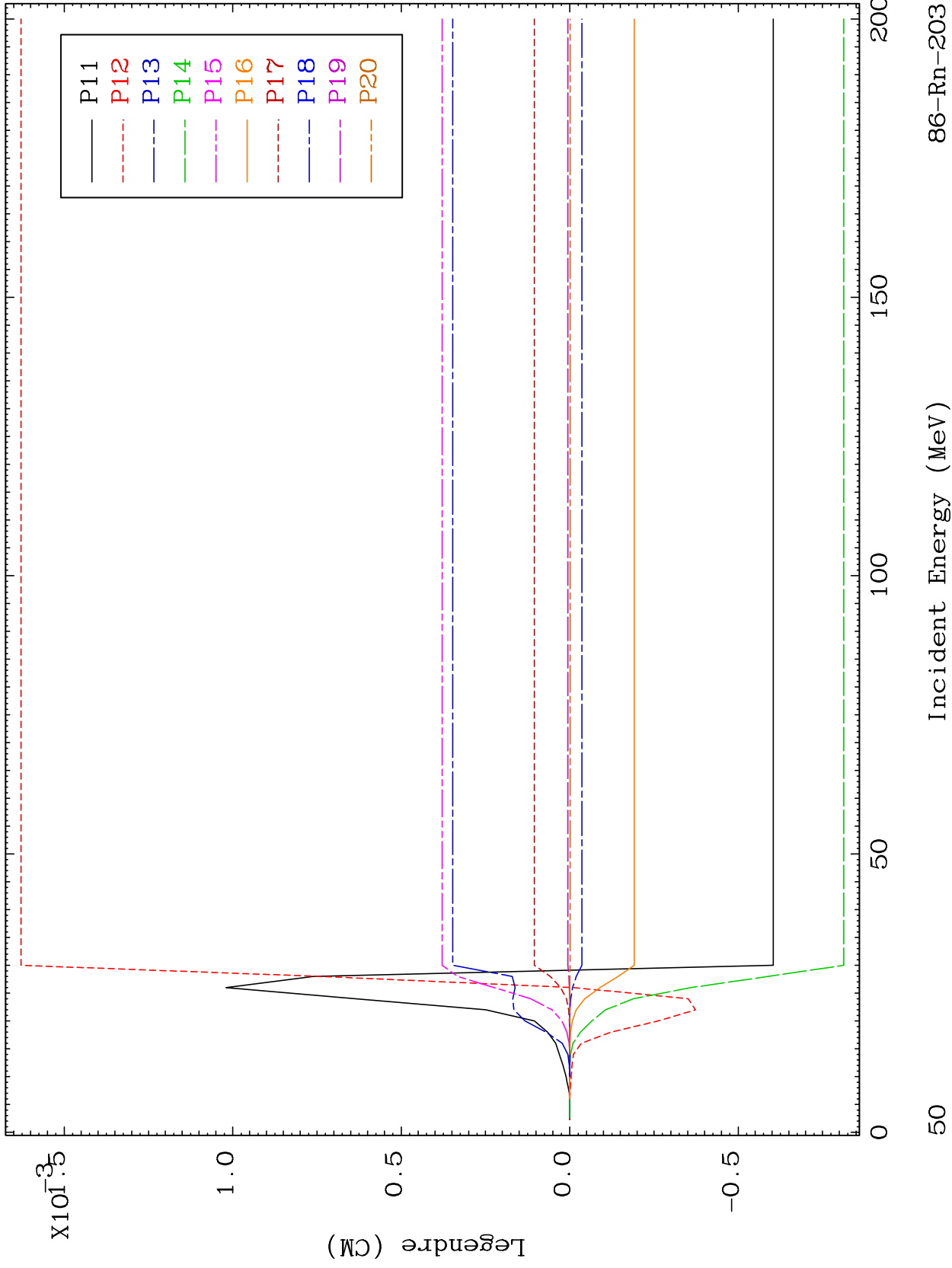
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

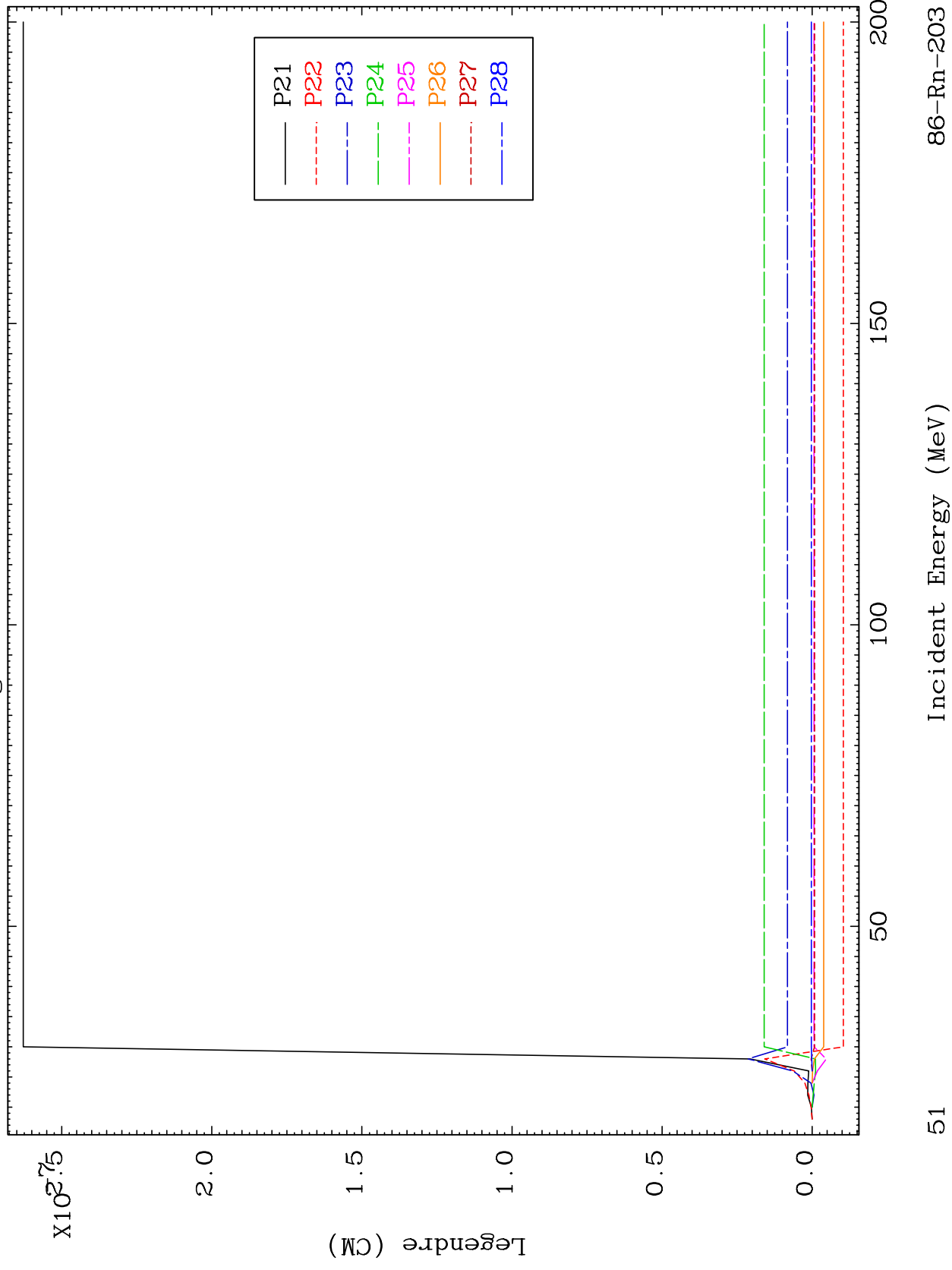
86-Rn-203



MAT 8601

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

86-Rn-203



51

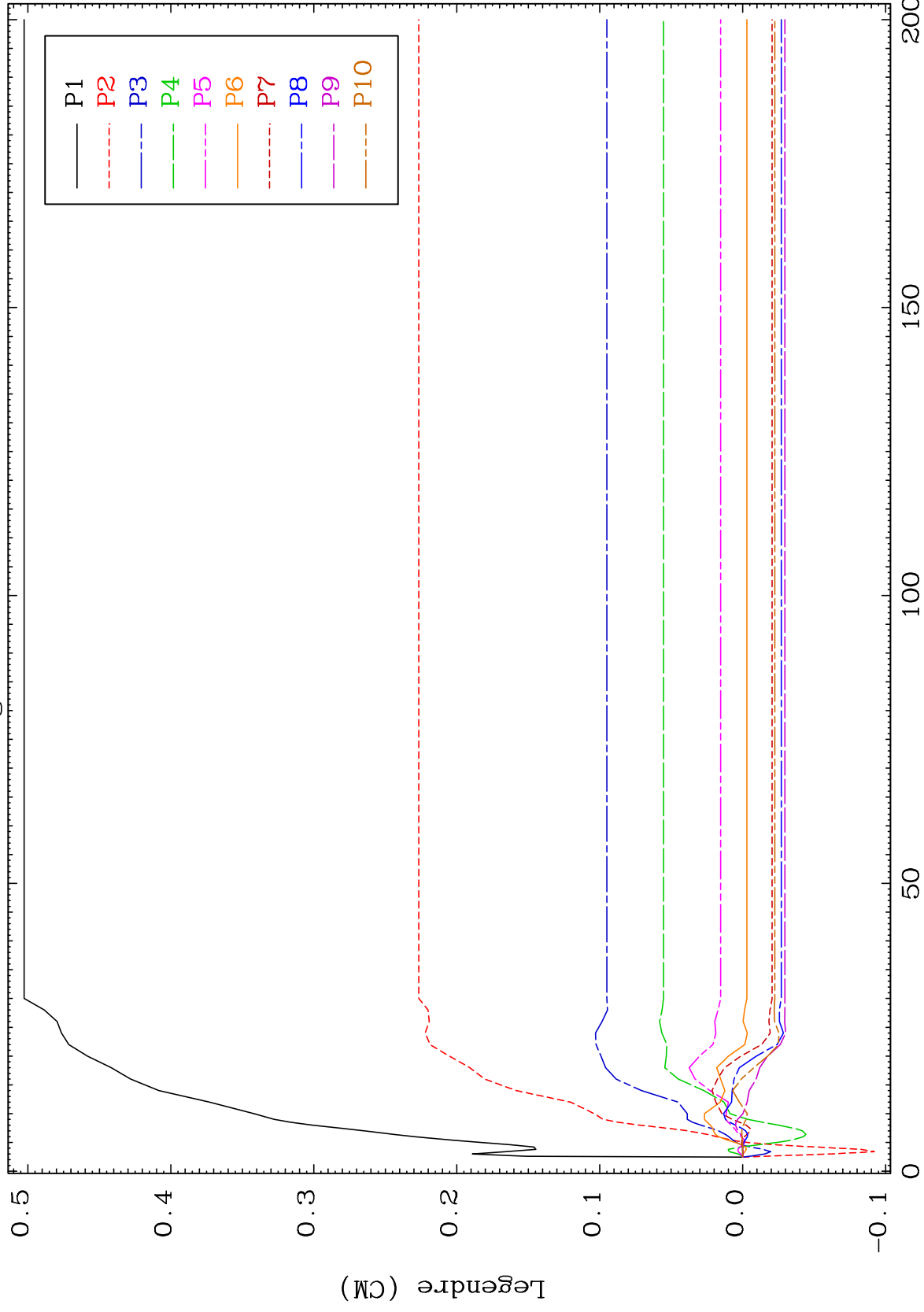
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



52

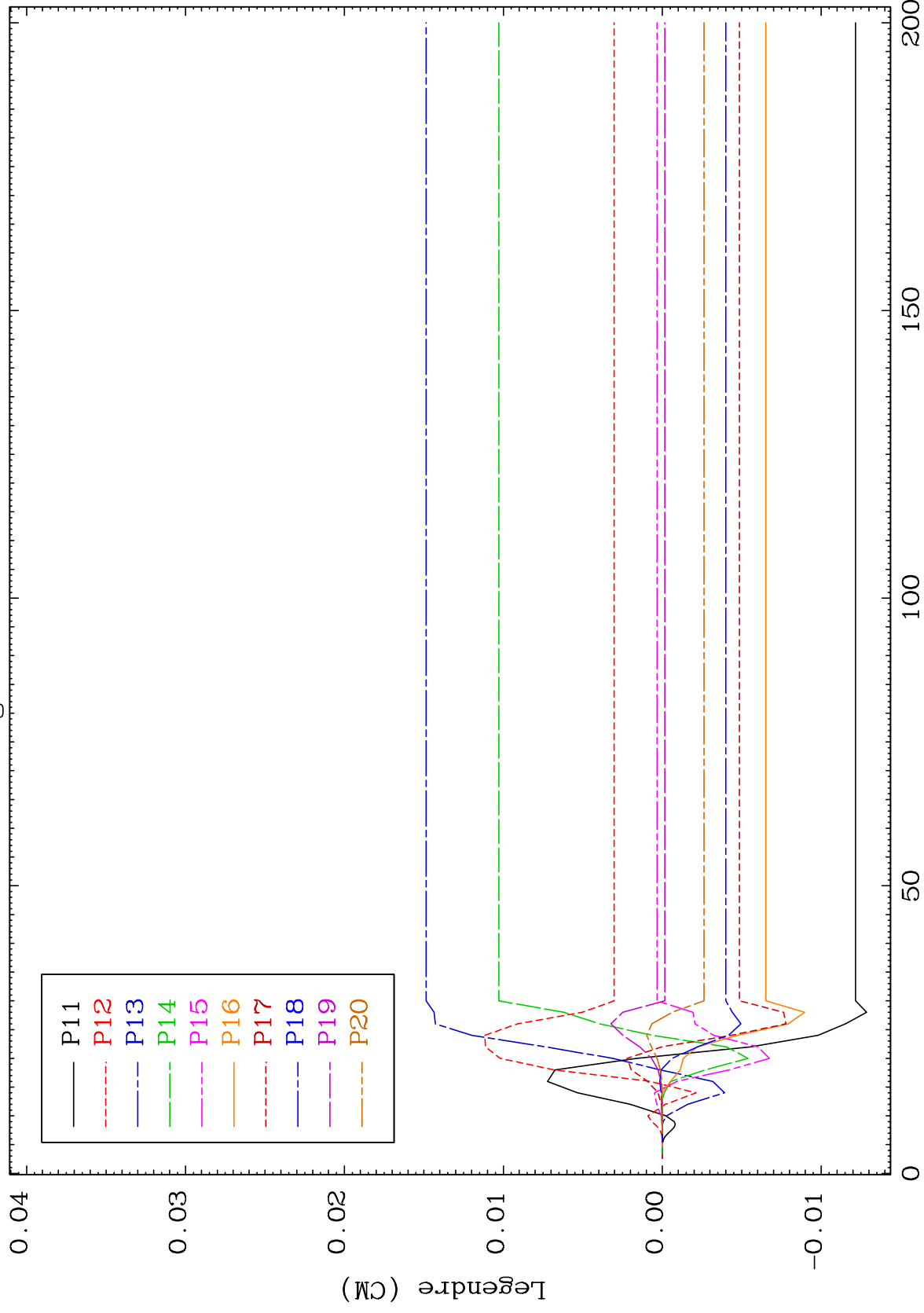
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

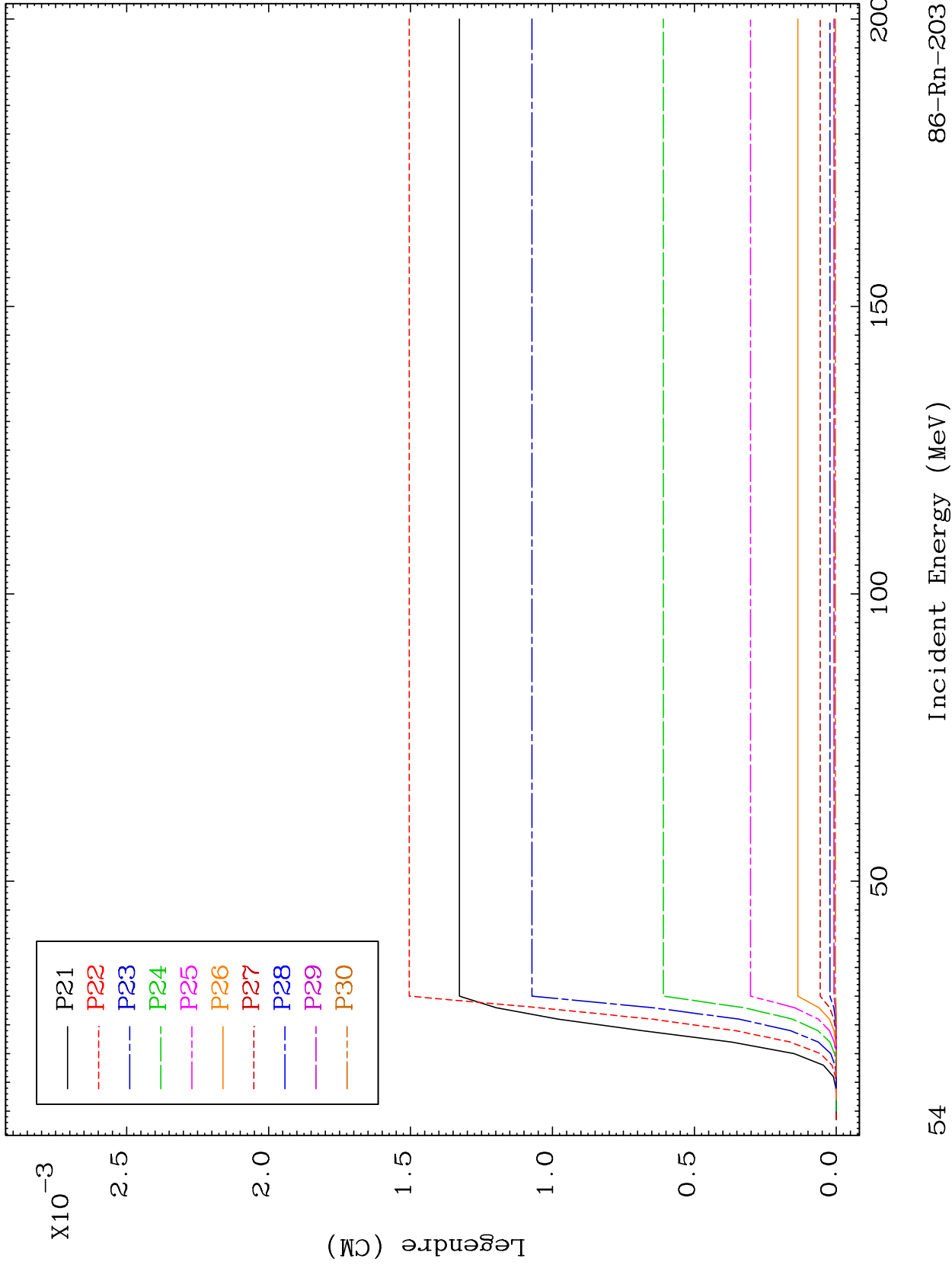
86-Rn-203



53

Incident Energy (MeV)

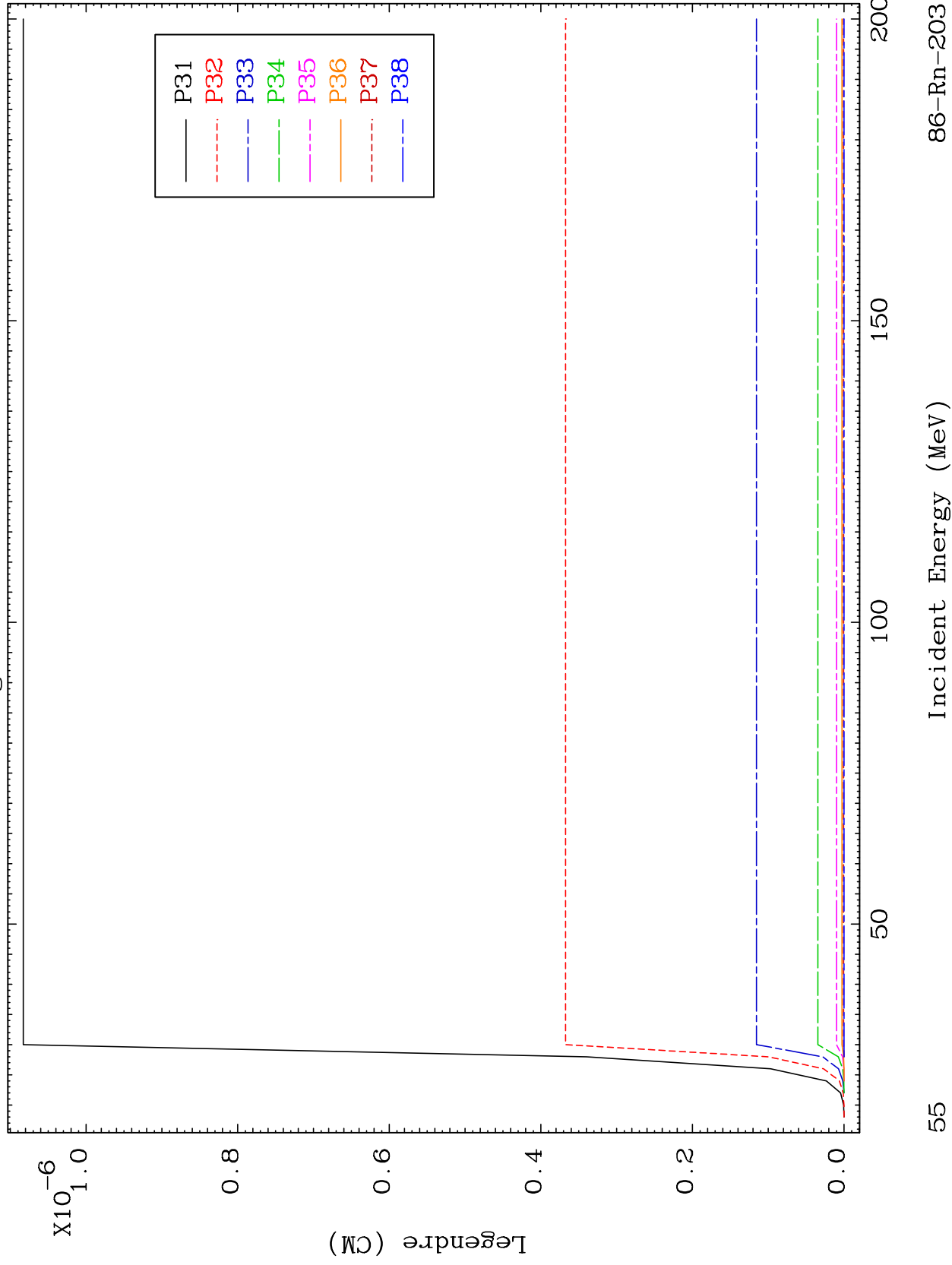
86-Rn-203



MAT 8601

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

86-Rn-203



86-Rn-203

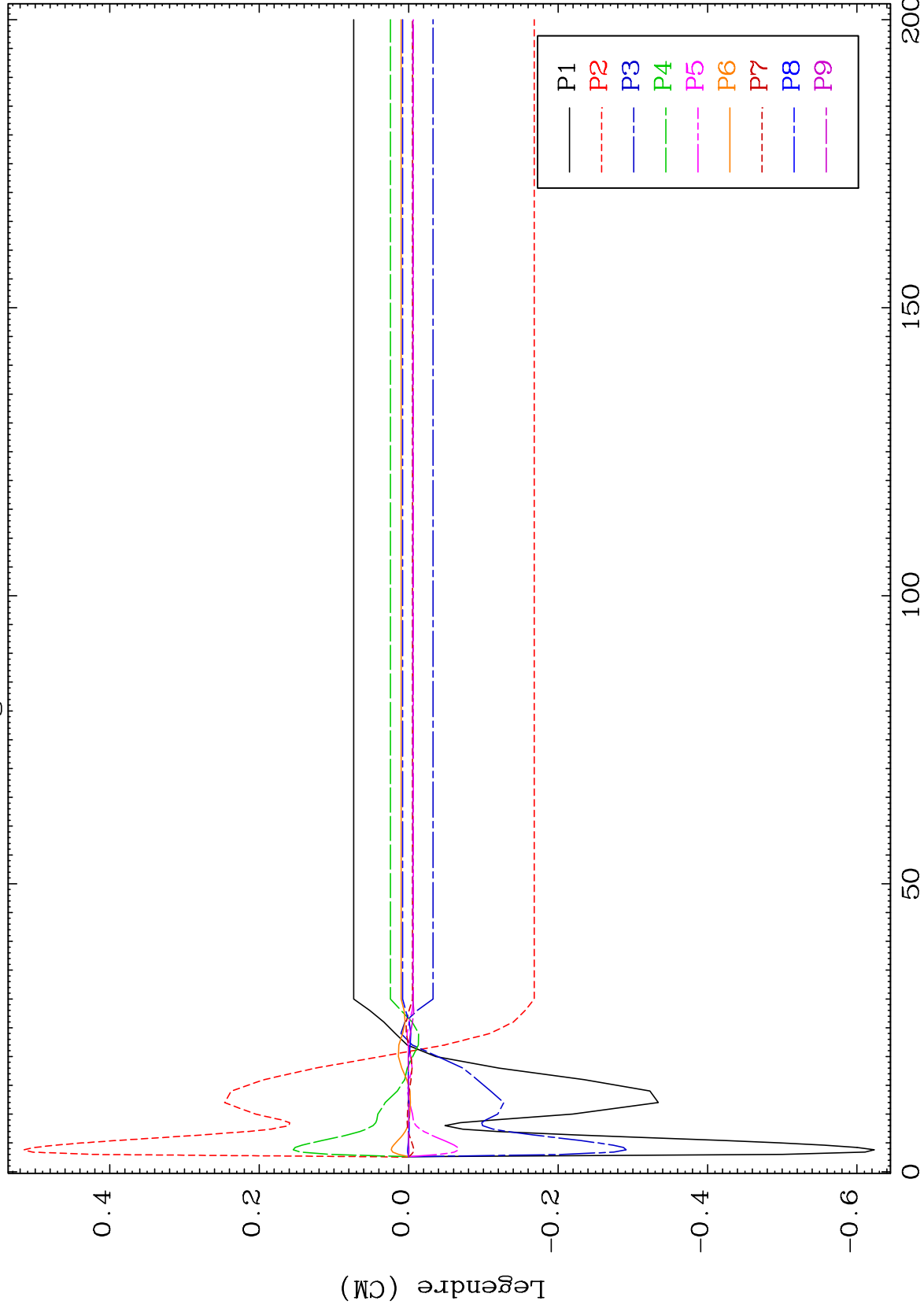
Incident Energy (MeV)

55

MAT 8601

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

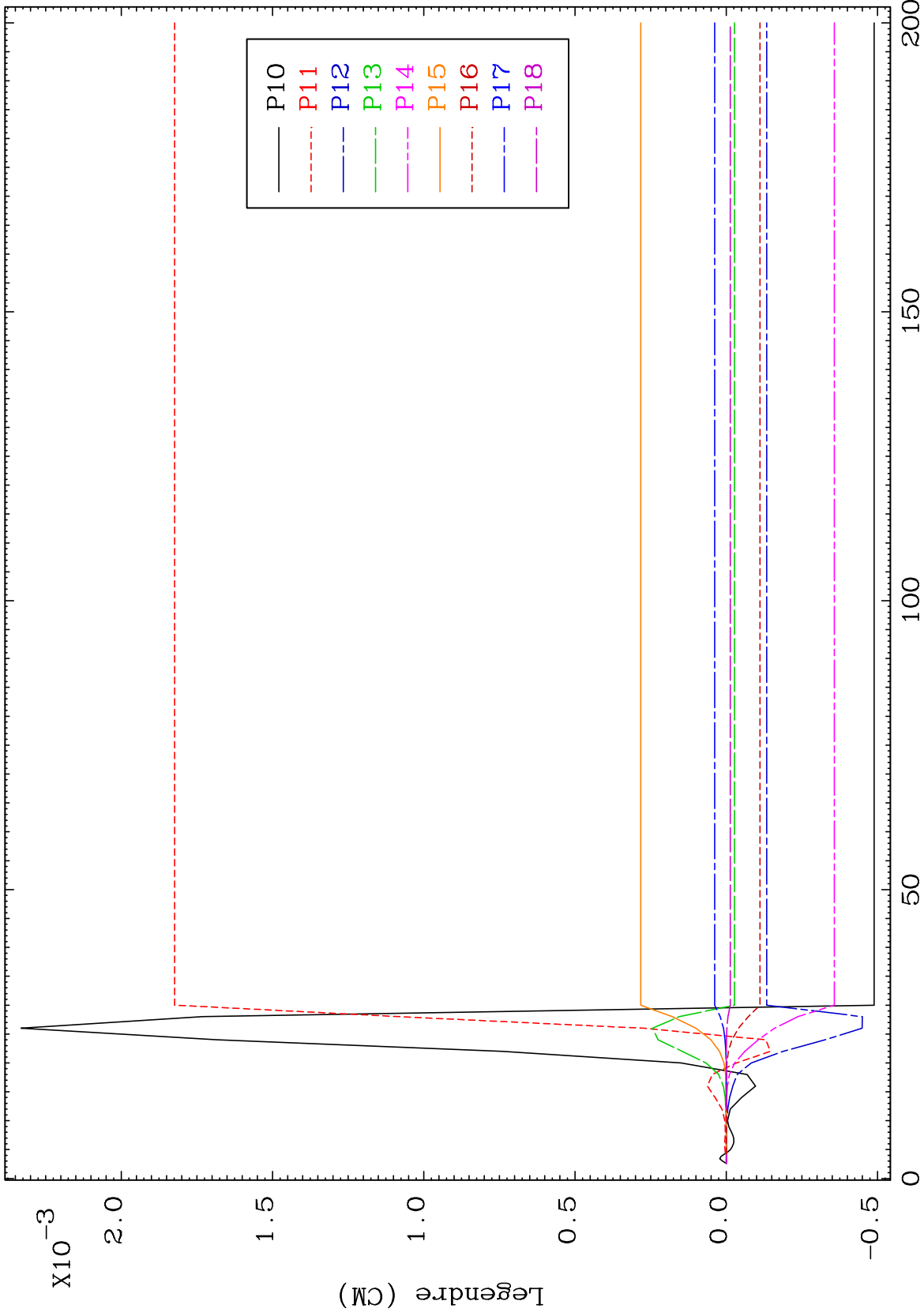
86-Rn-203



56

Incident Energy (MeV)

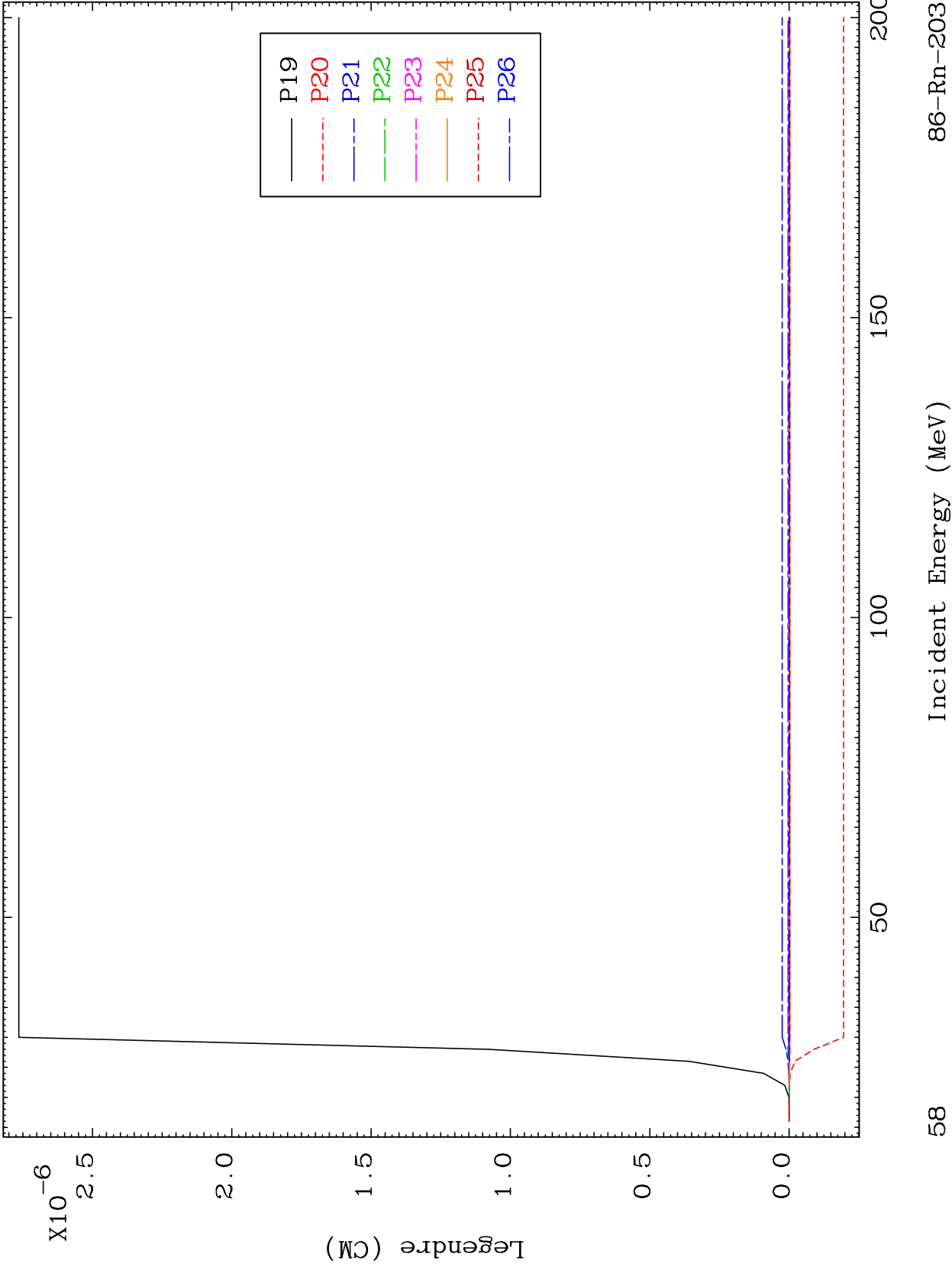
86-Rn-203



MAT 8601

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

86-Rn-203



58

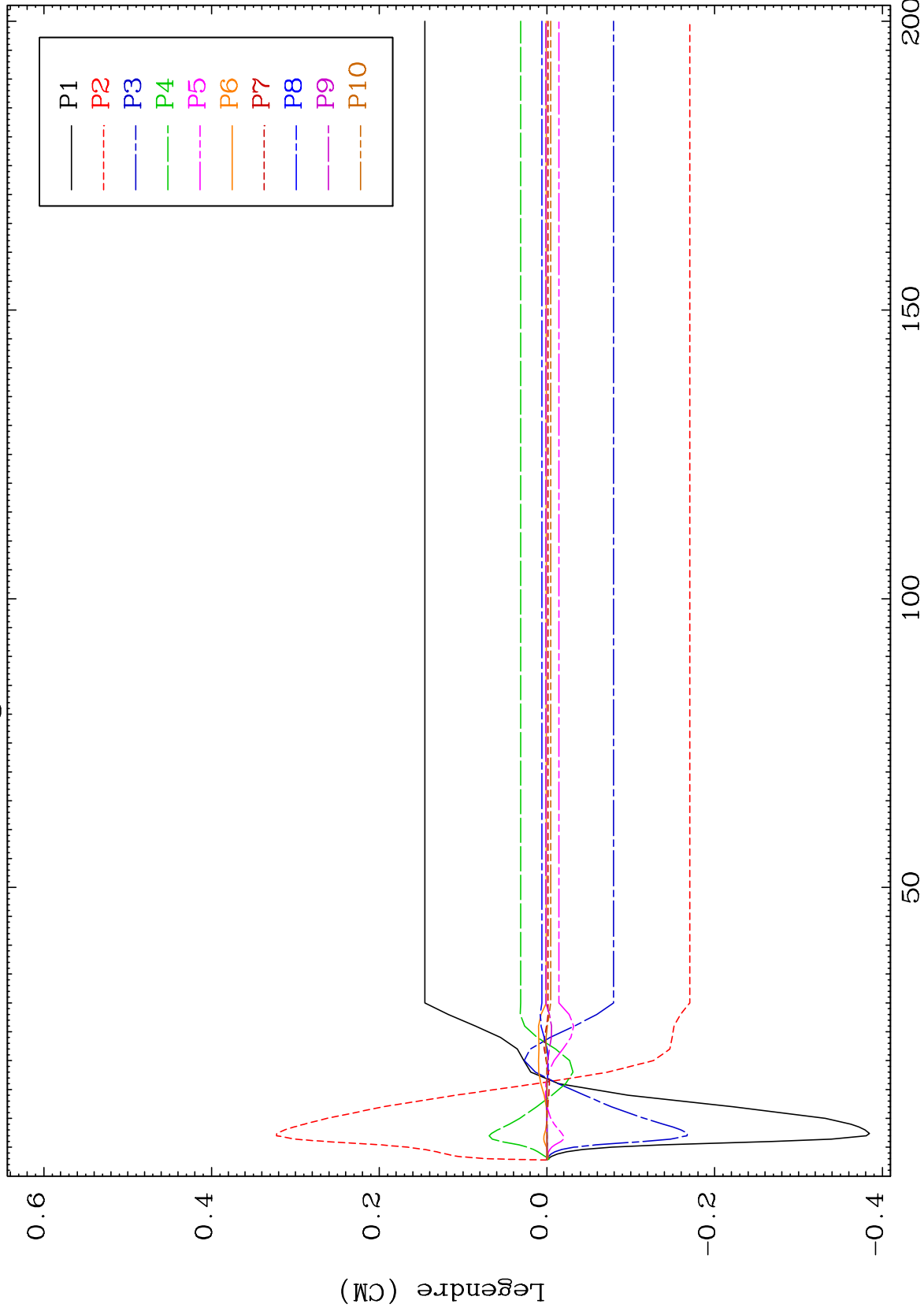
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

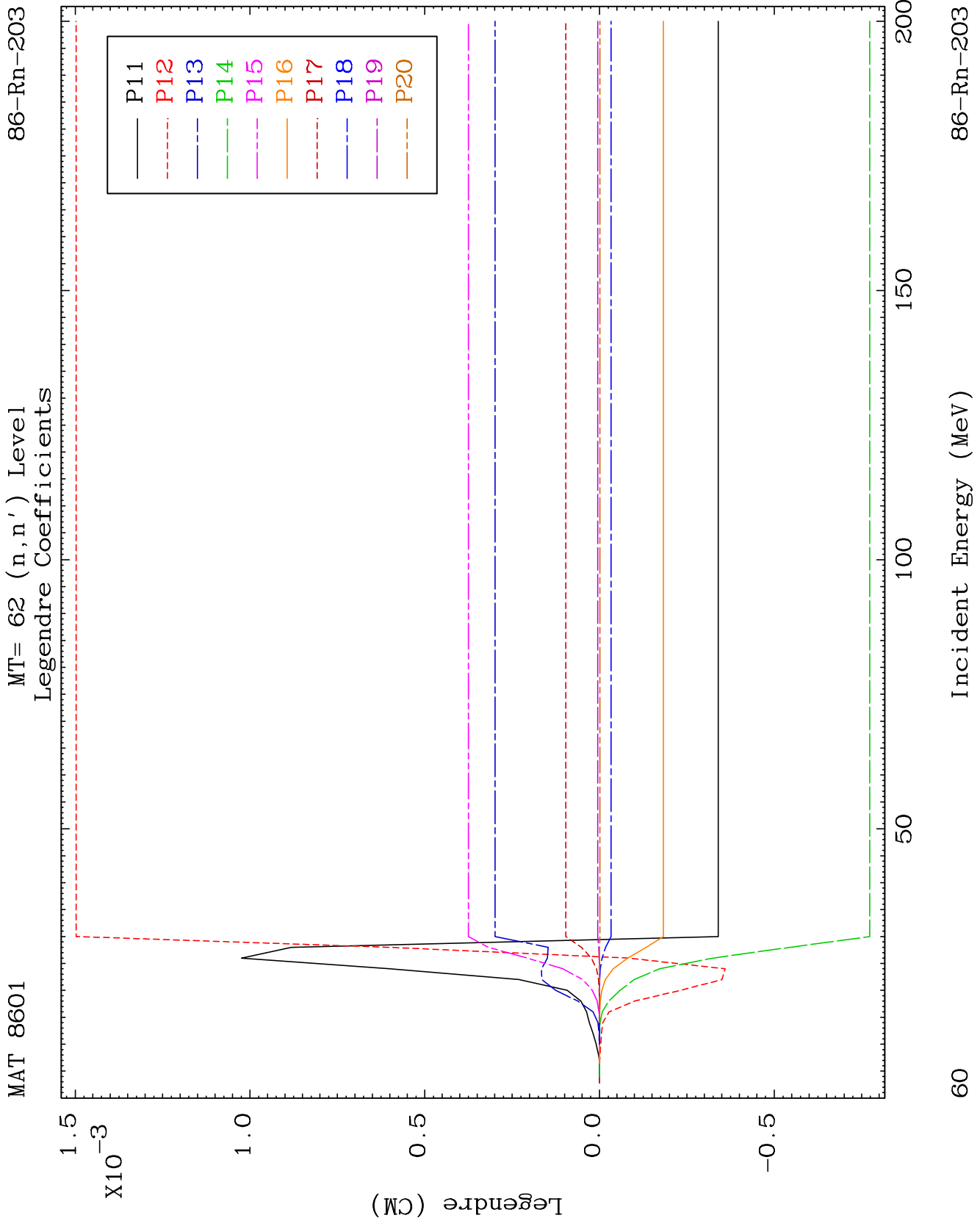
86-Rn-203



59

Incident Energy (MeV)

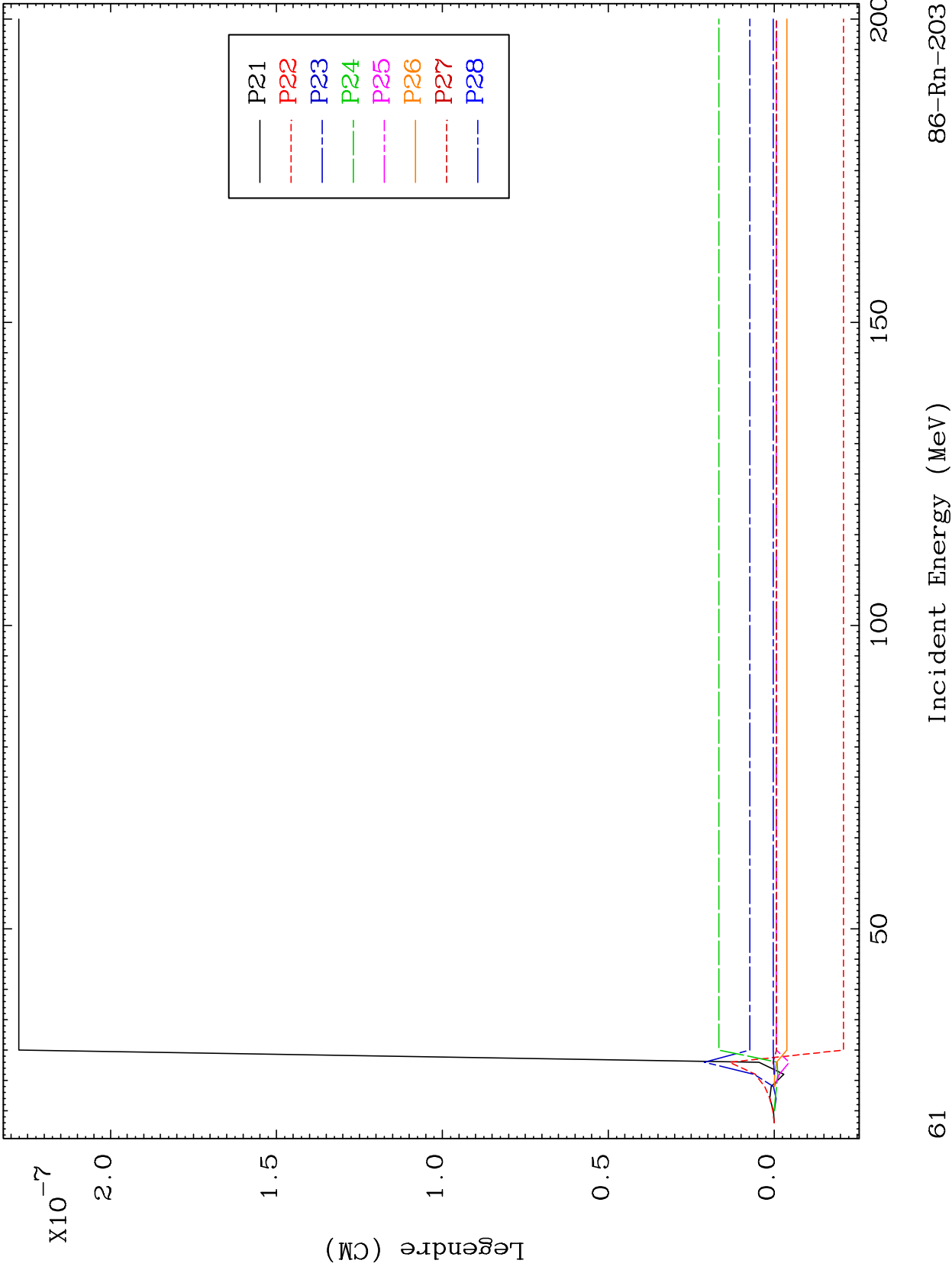
86-Rn-203



MAT 8601

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

86-Rn-203



61

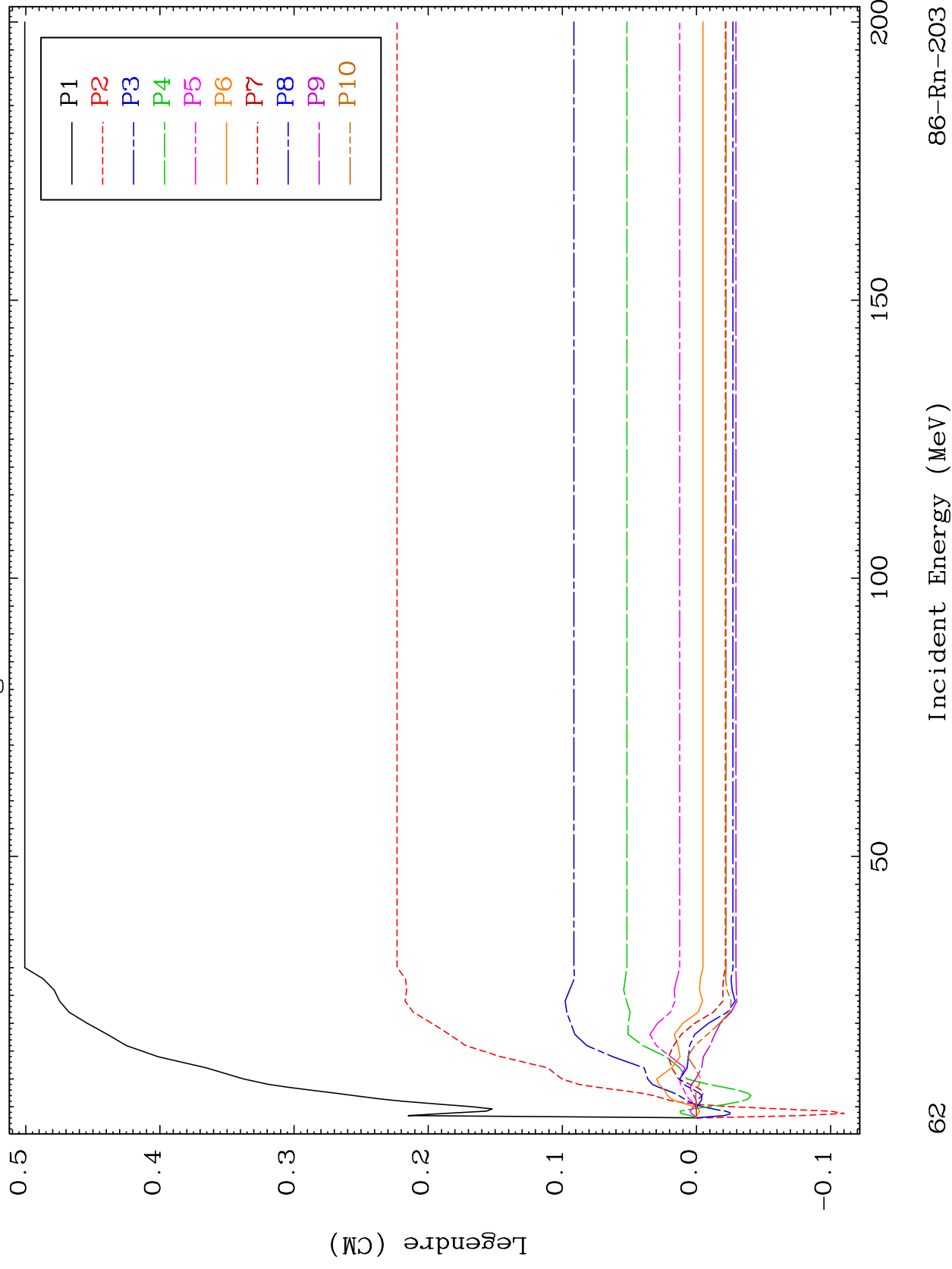
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



86-Rn-203

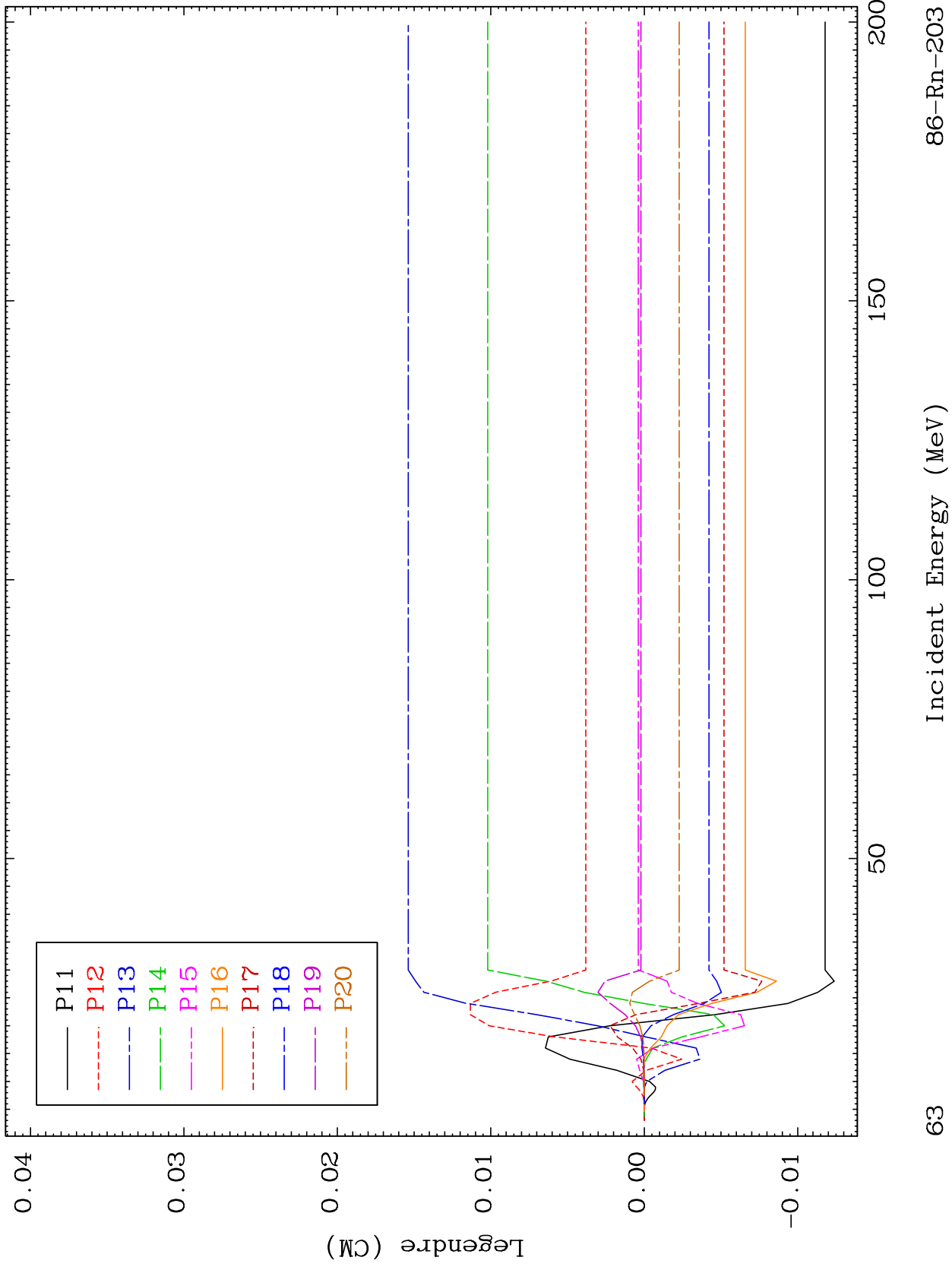
Incident Energy (MeV)

62

MAT 8601

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

86-Rn-203



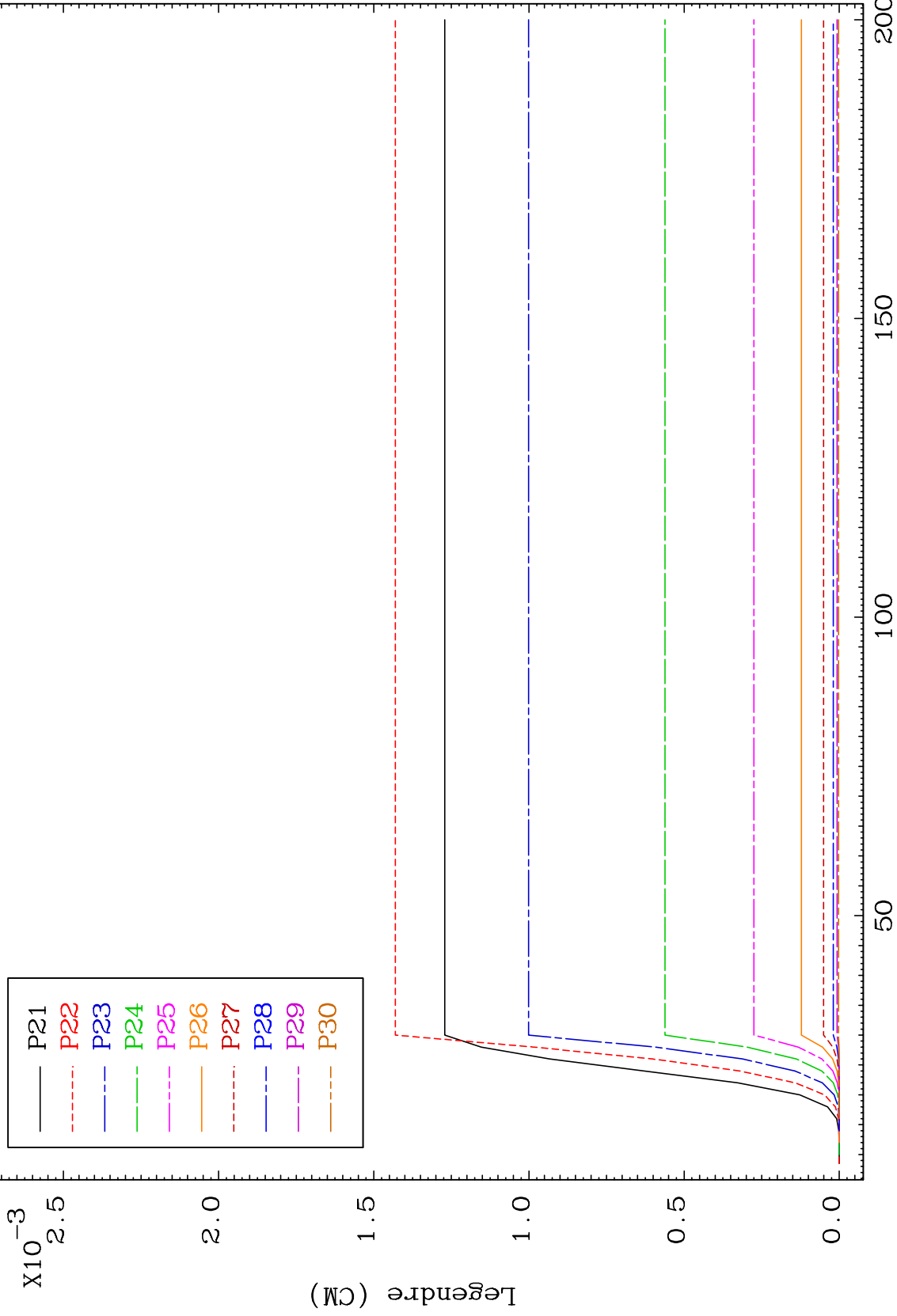
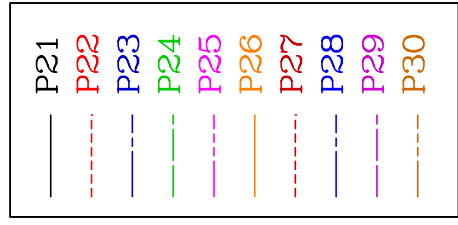
63

86-Rn-203

MAT 8601

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

86-Rn-203



64

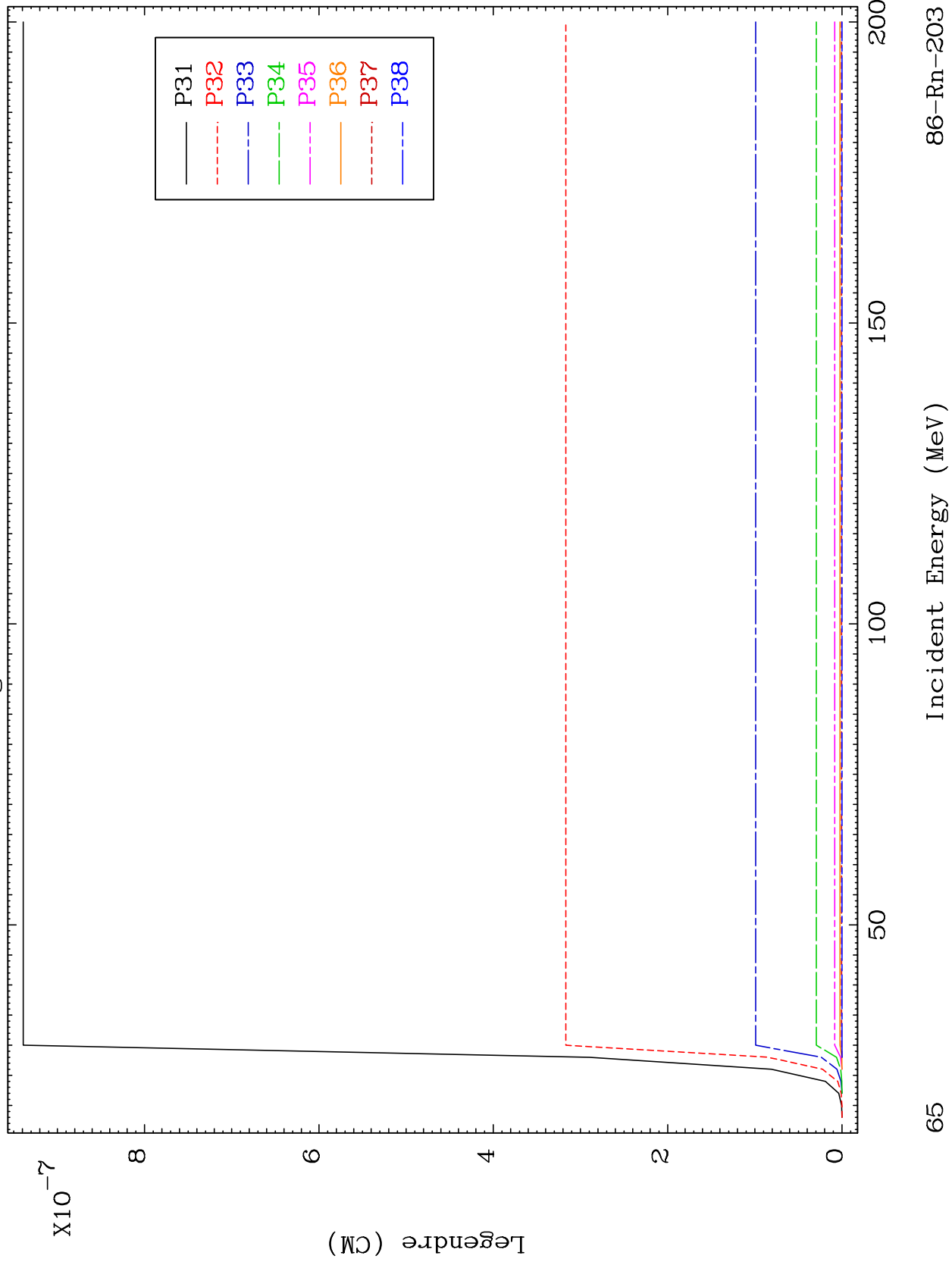
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

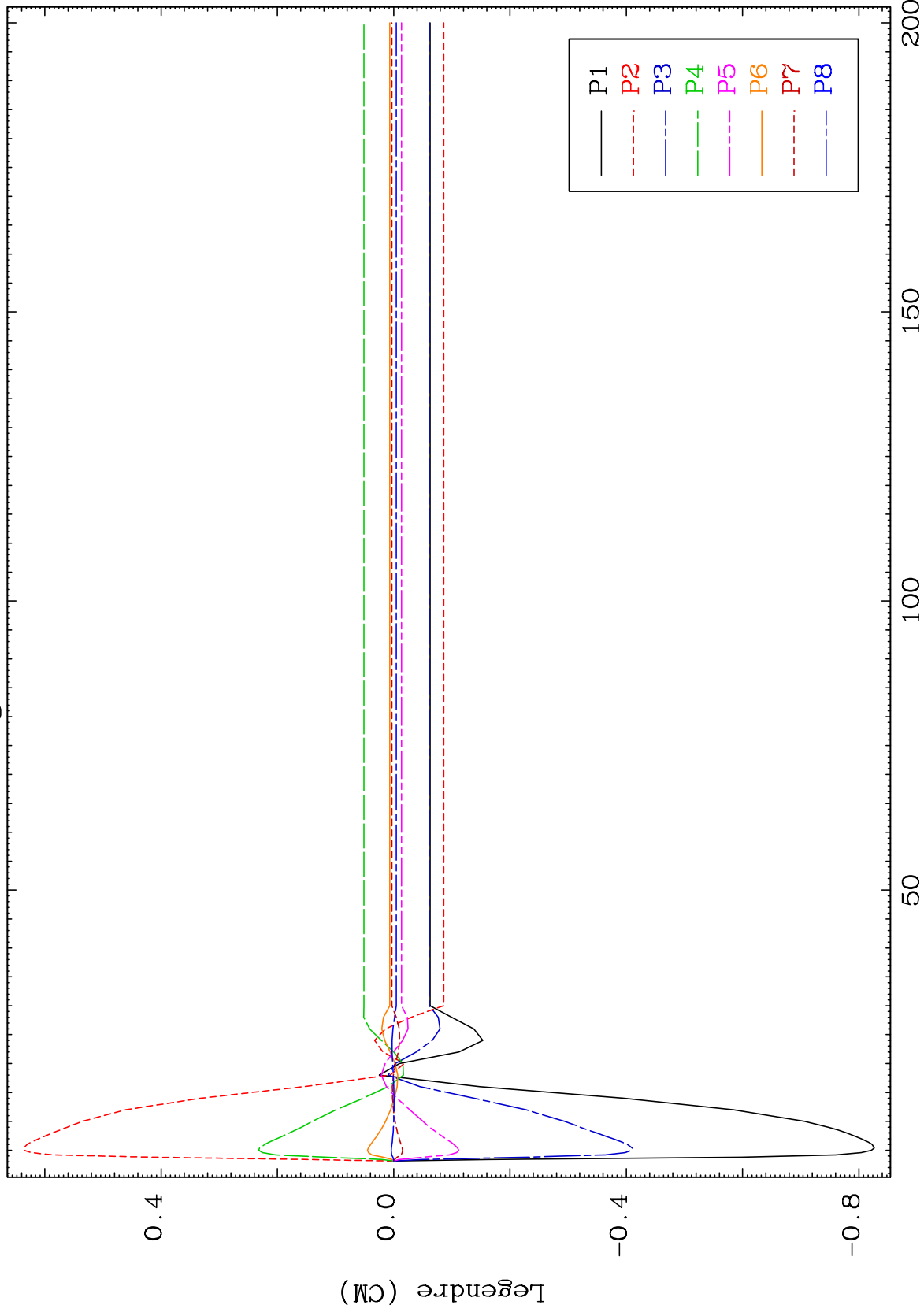
86-Rn-203



MAT 8601

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

86-Rn-203



66

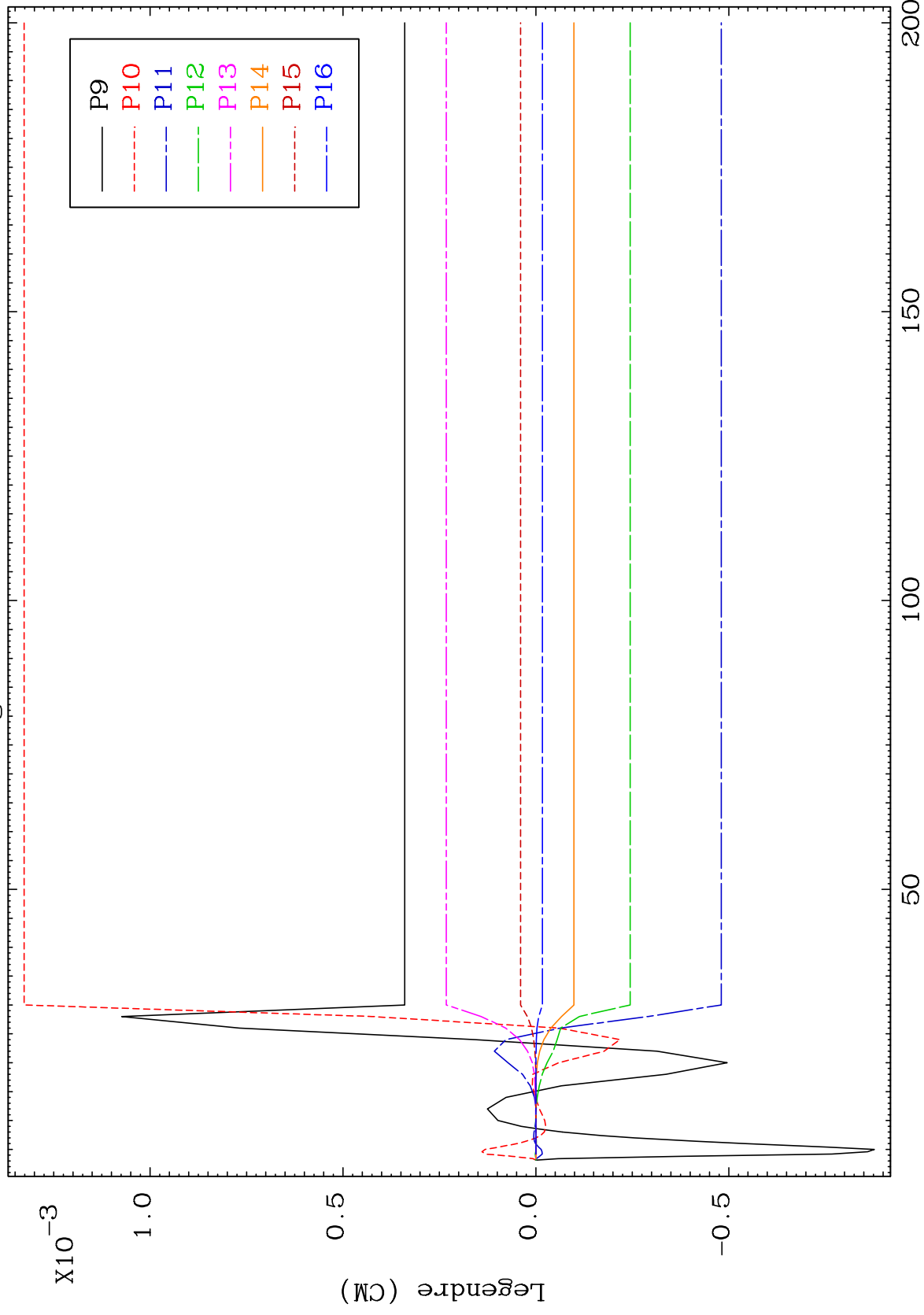
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



67

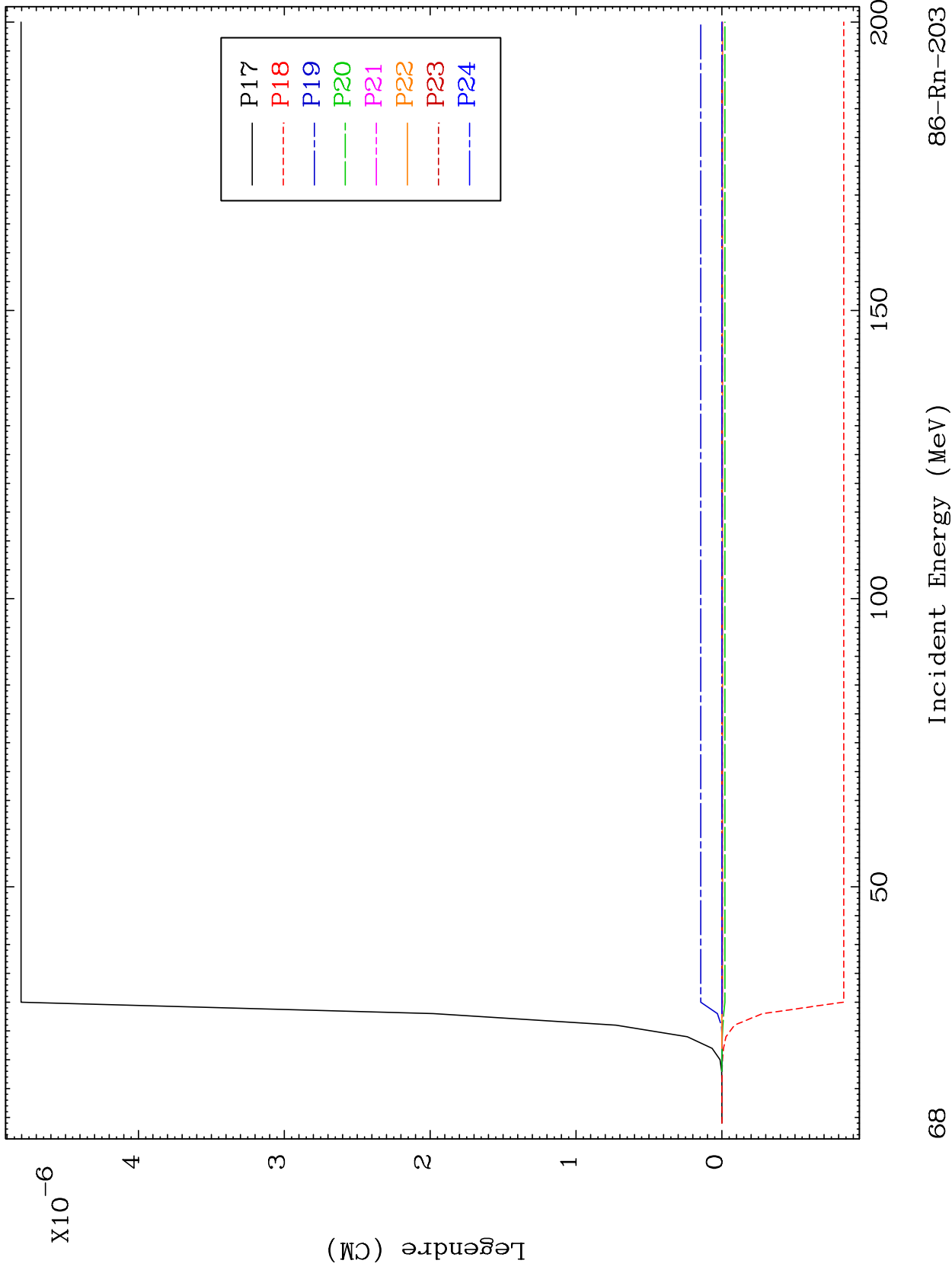
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



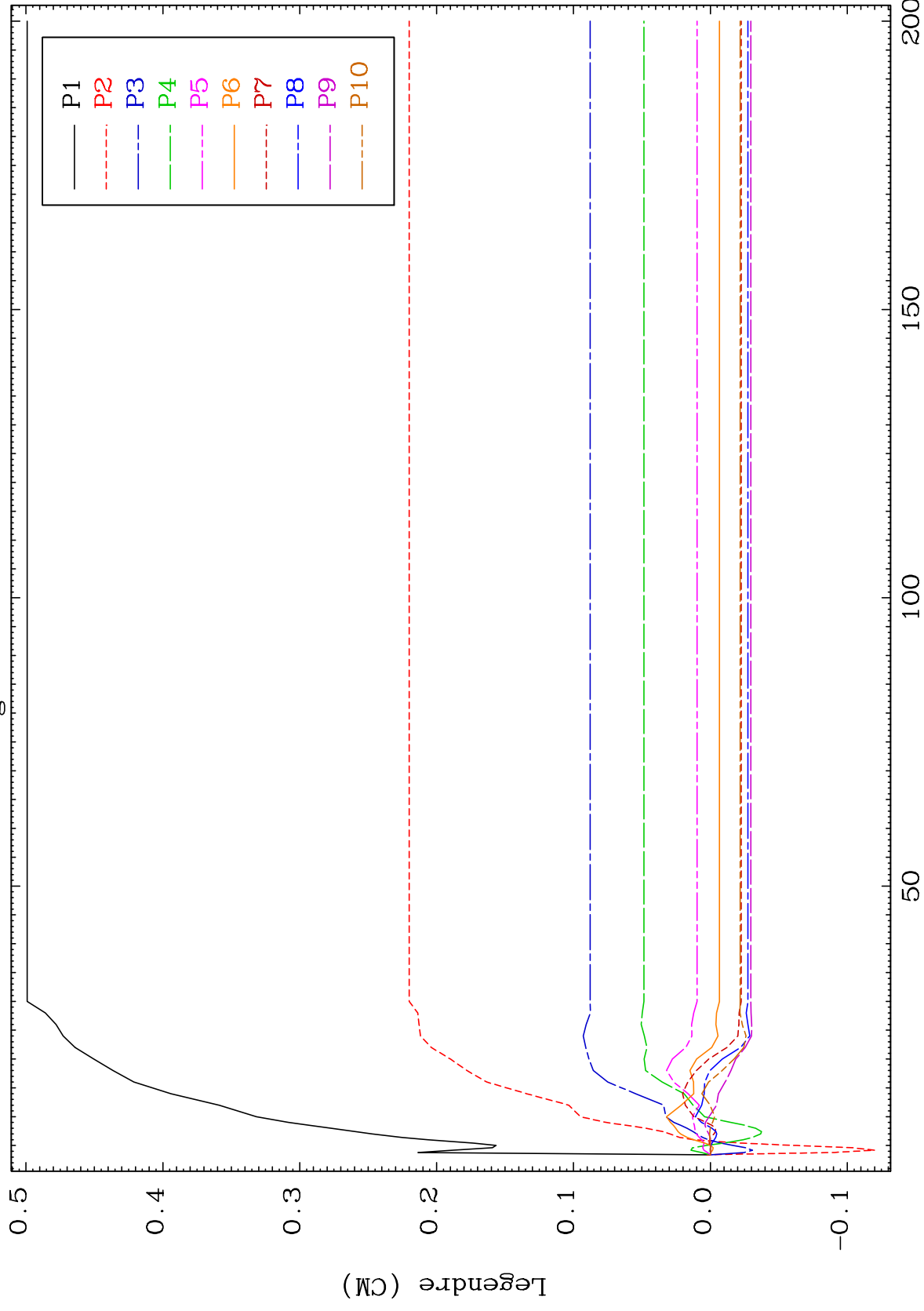
68

86-Rn-203

MAT 8601

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

86-Rn-203



69

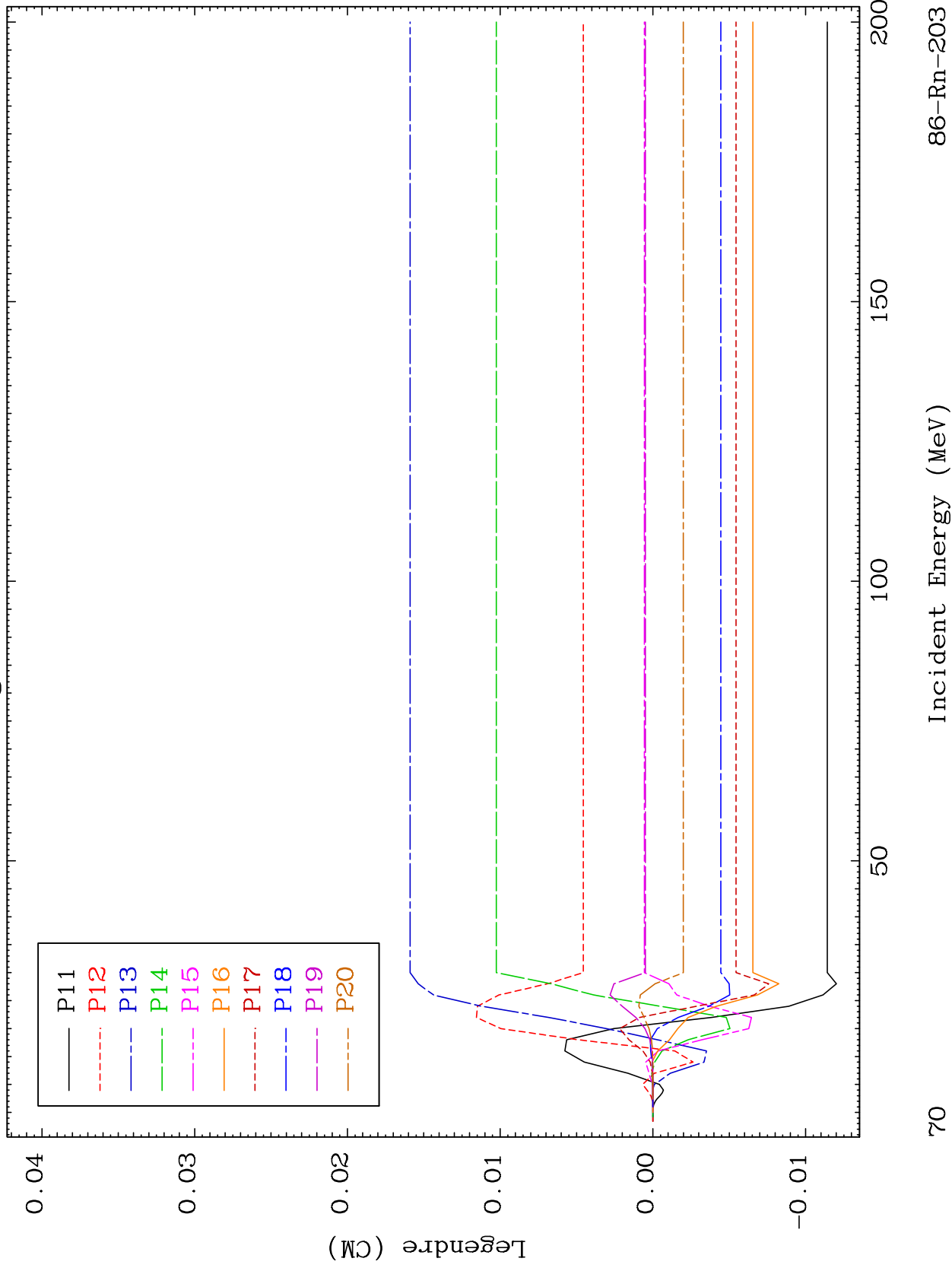
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

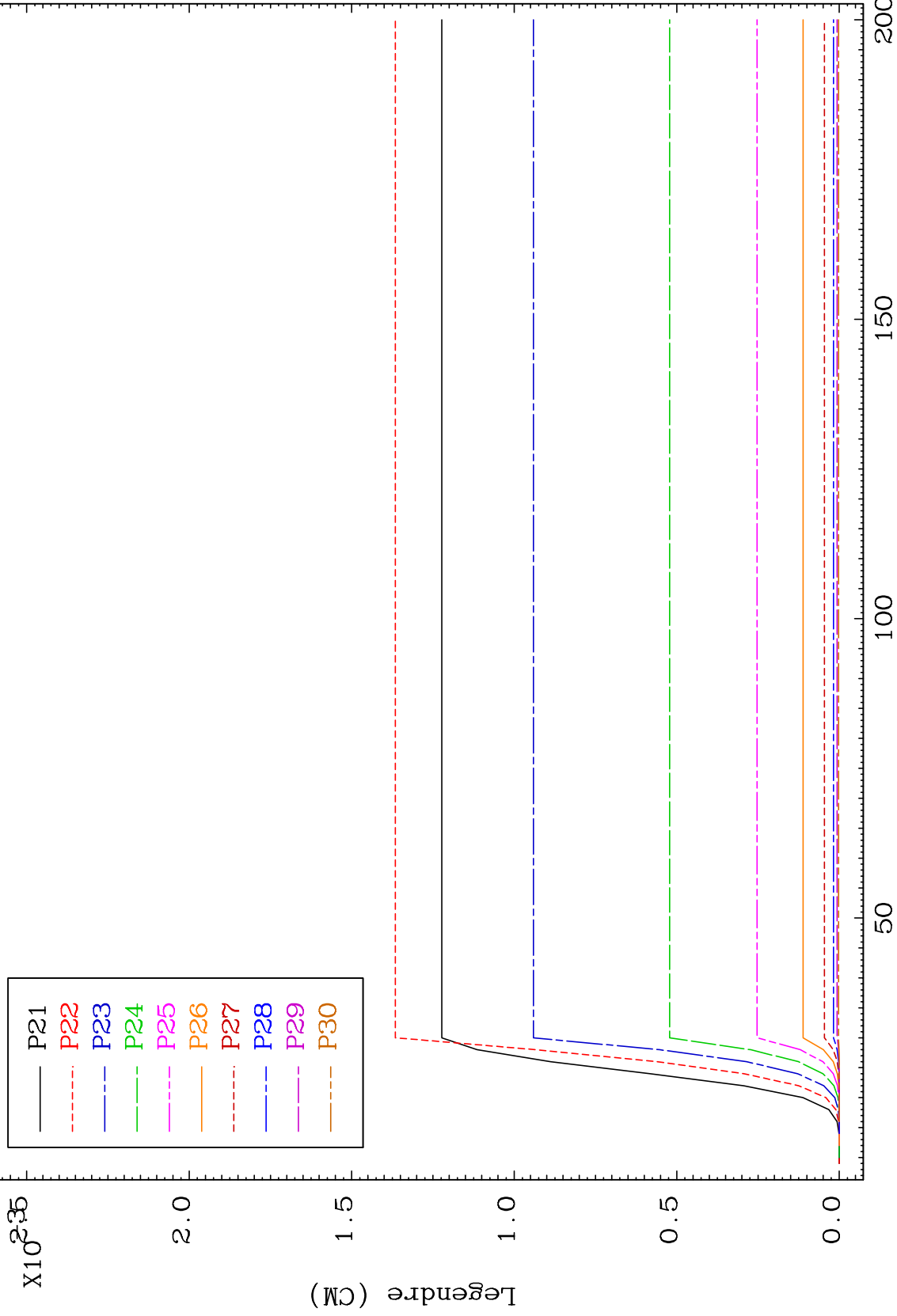
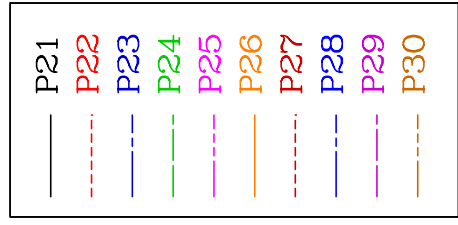
86-Rn-203



70

Incident Energy (MeV)

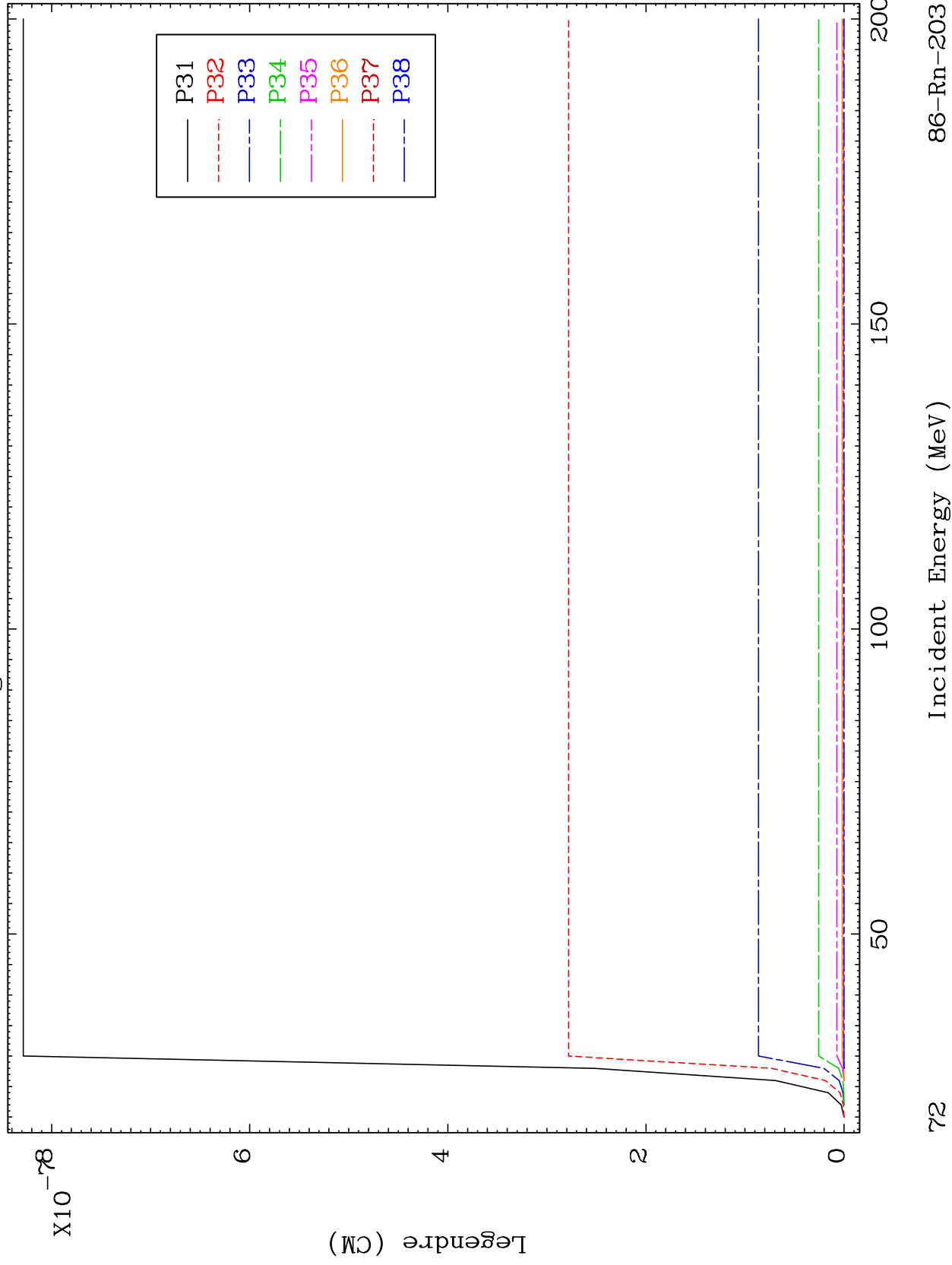
86-Rn-203



MAT 8601

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

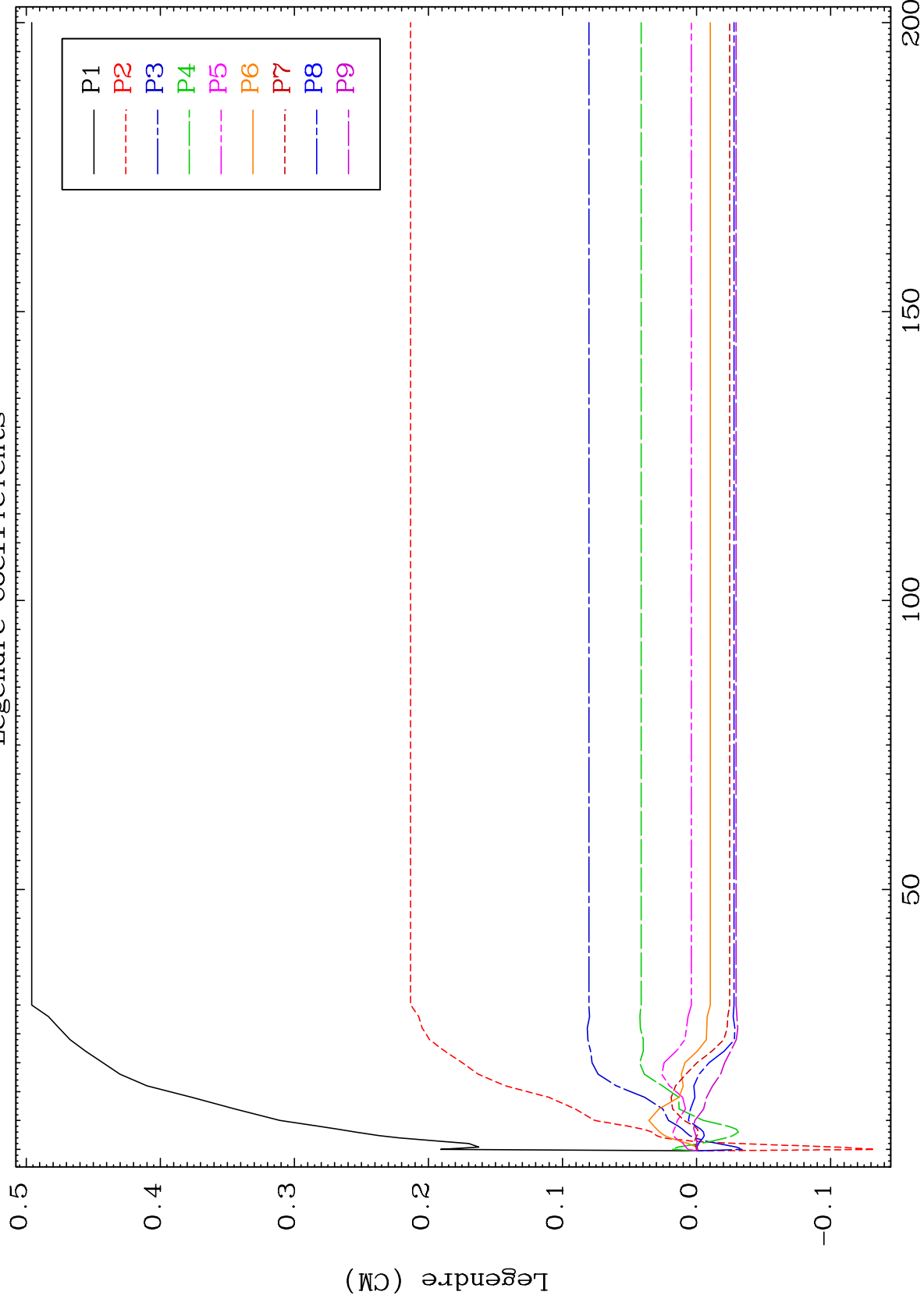
86-Rn-203



MAT 8601

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

86-Rn-203



73

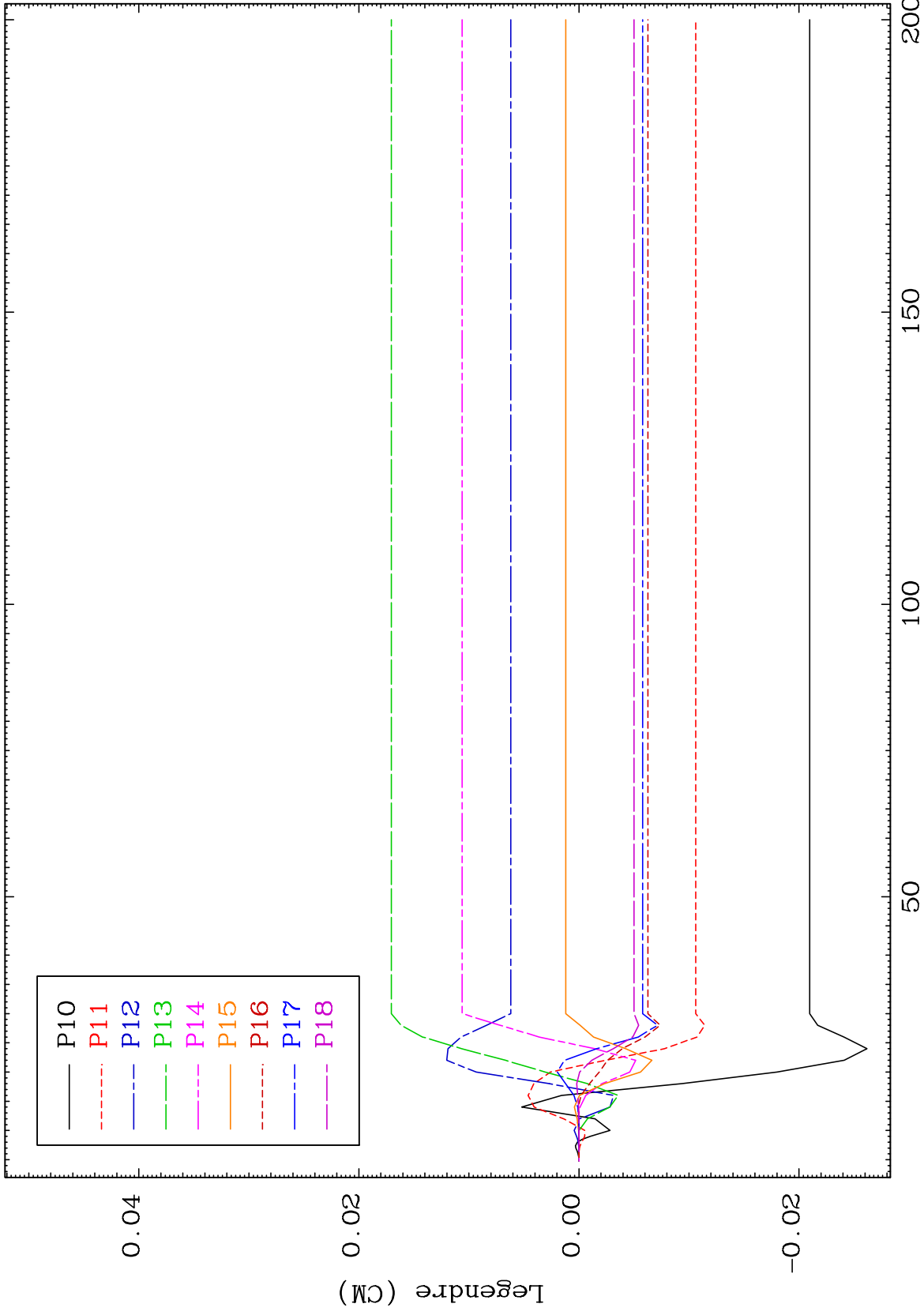
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



74

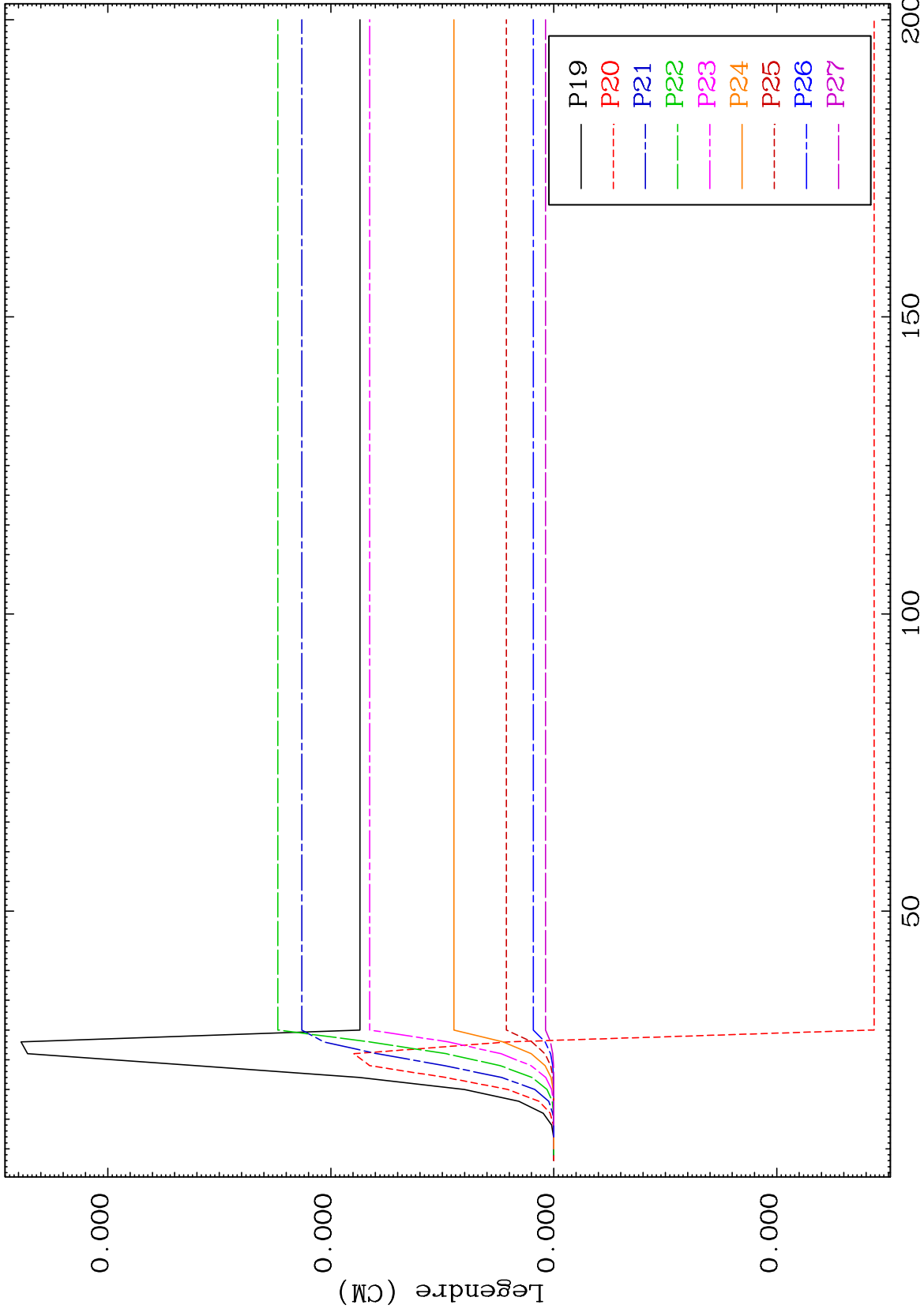
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



75

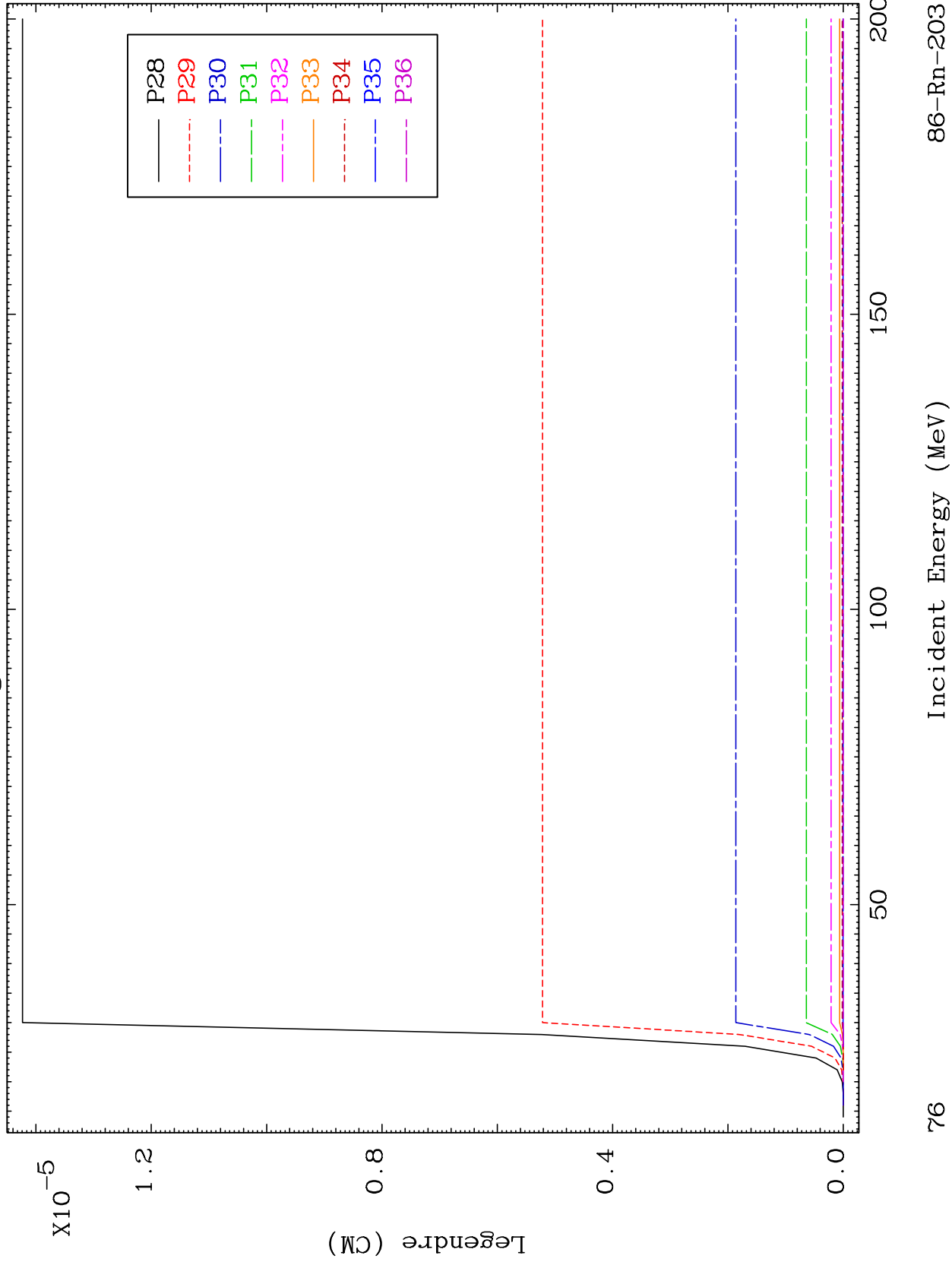
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



76

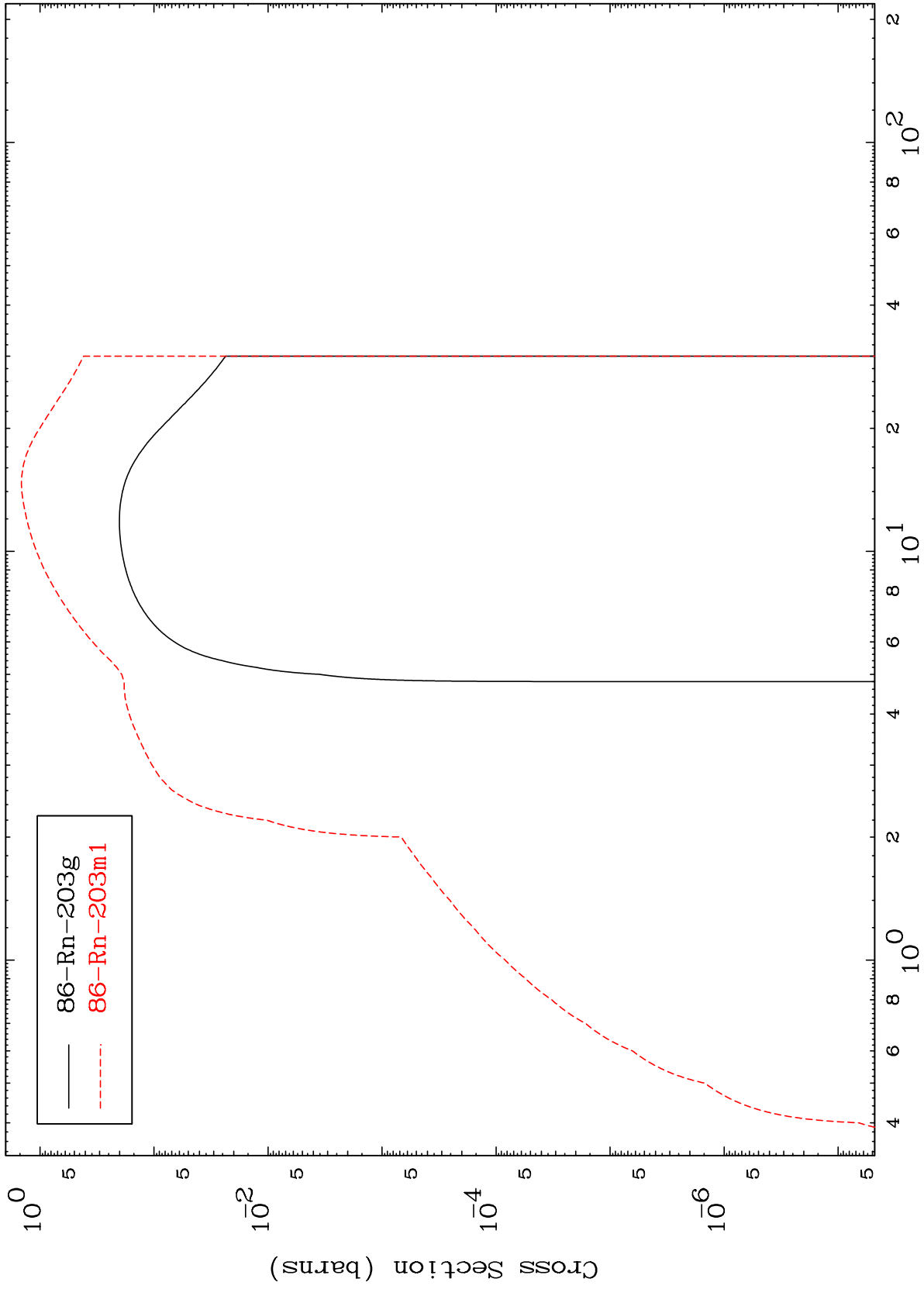
Incident Energy (MeV)

86-Rn-203

MAT 8601

86-Rn-203

Inelastic
Radionuclide Production Cross Section



77

Incident Energy (MeV)

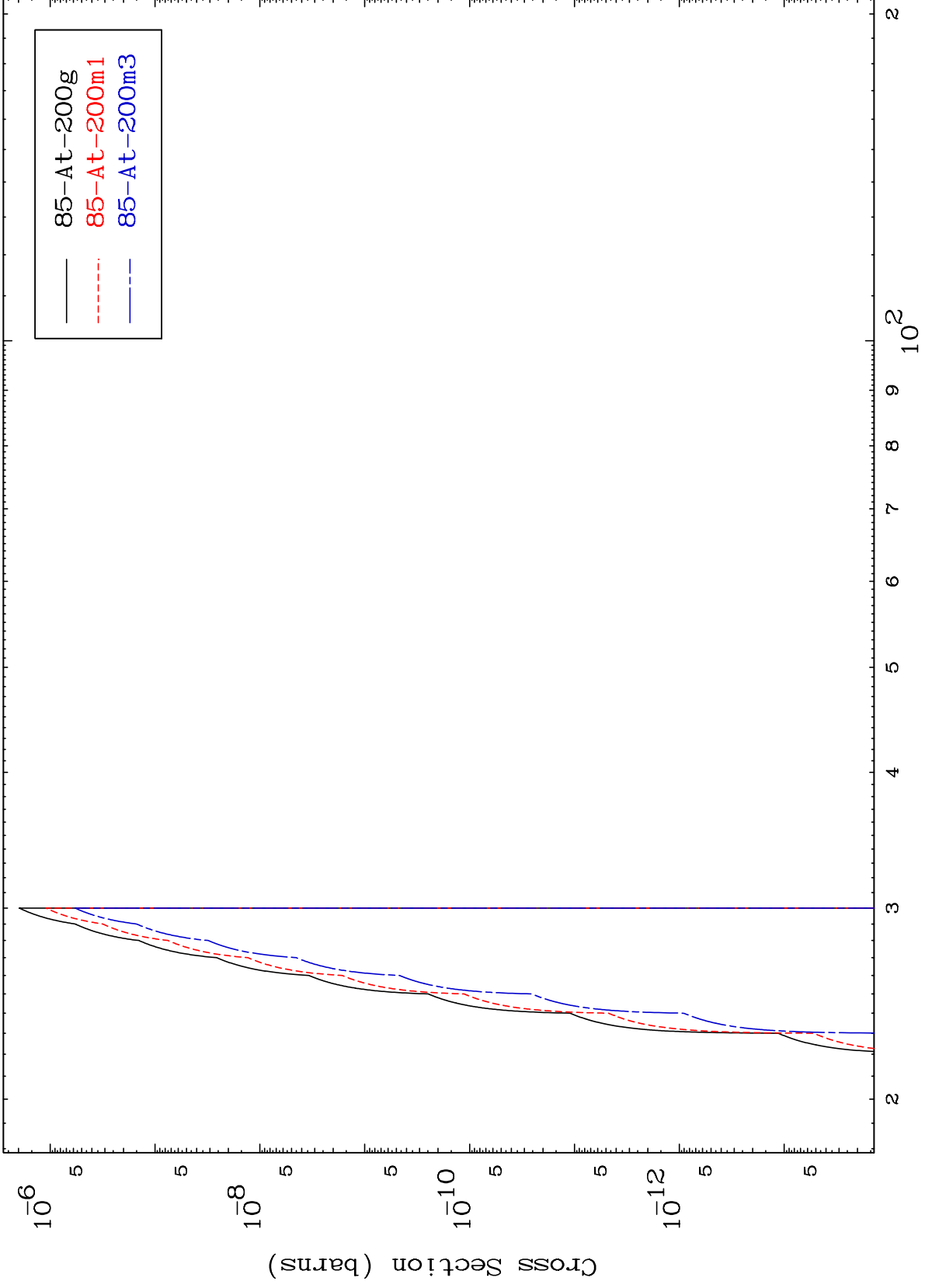
86-Rn-203

MAT 8601

(n,2n) d

86-Rn-203

Radionuclide Production Cross Section



78

Incident Energy (MeV)

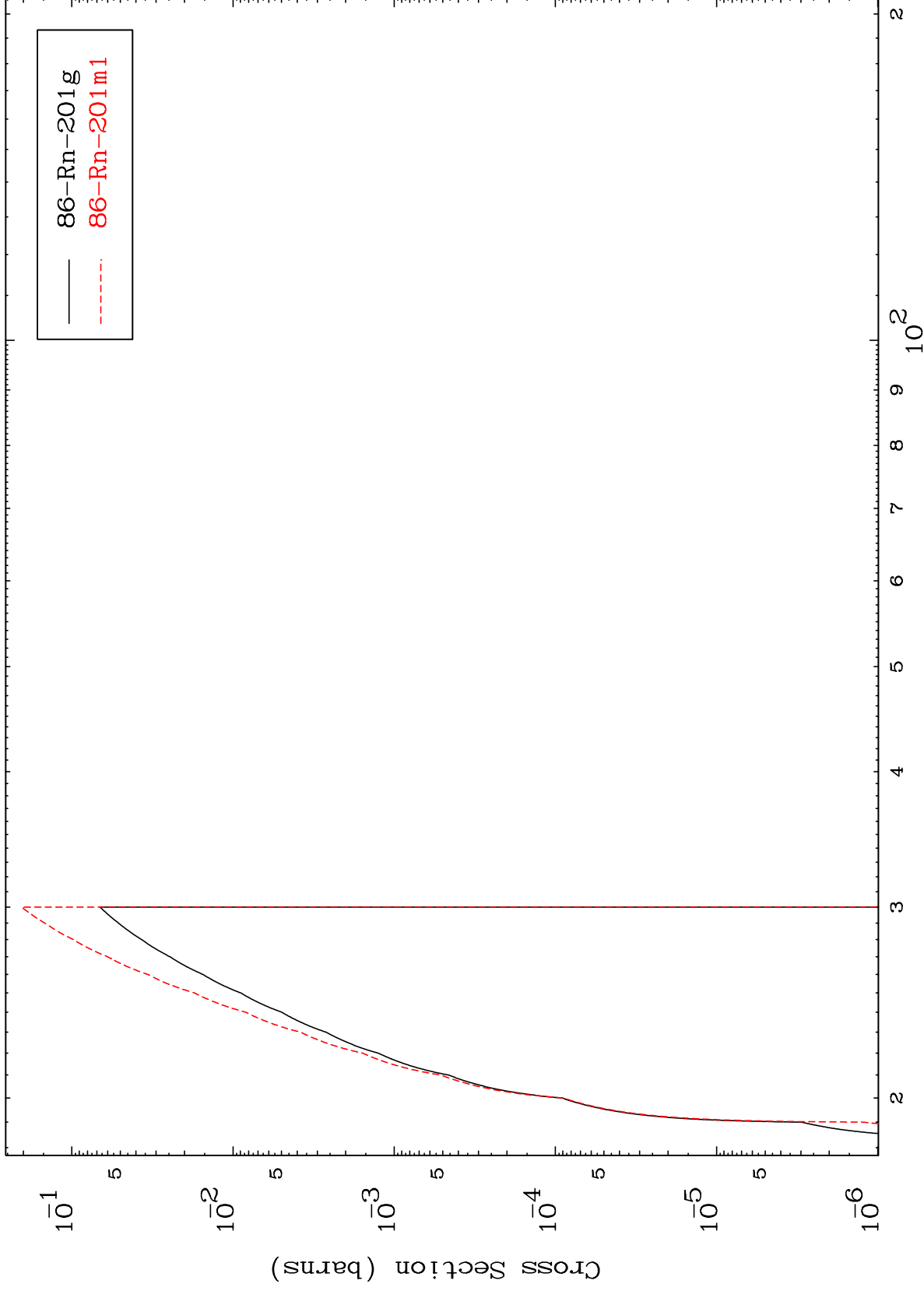
86-Rn-203

MAT 8601

(n,3n)

86-Rn-203

Radionuclide Production Cross Section



79

Incident Energy (MeV)

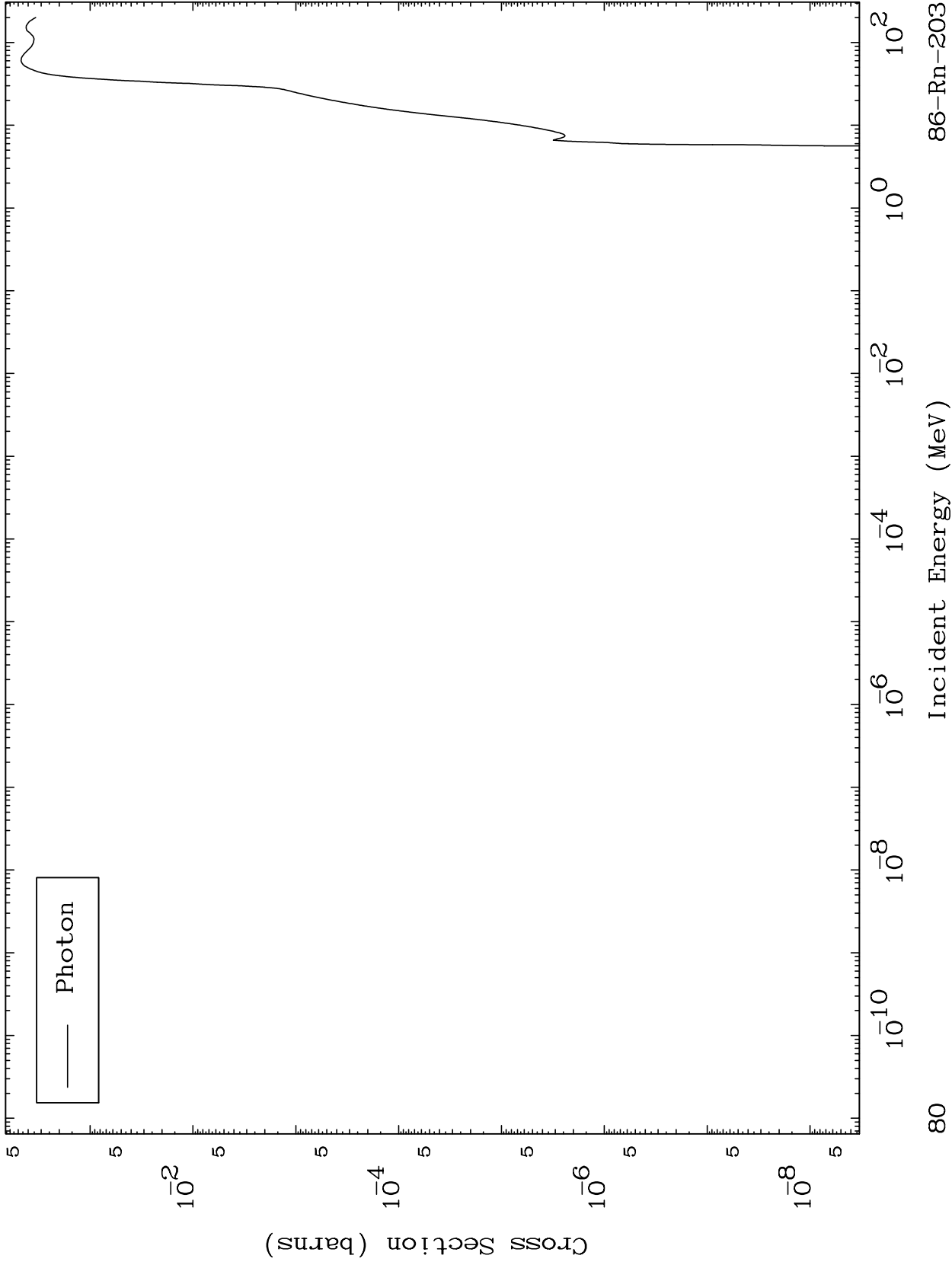
86-Rn-203

MAT 8601

Fission

86-Rn-203

Radionuclide Production Cross Section



80

Incident Energy (MeV)

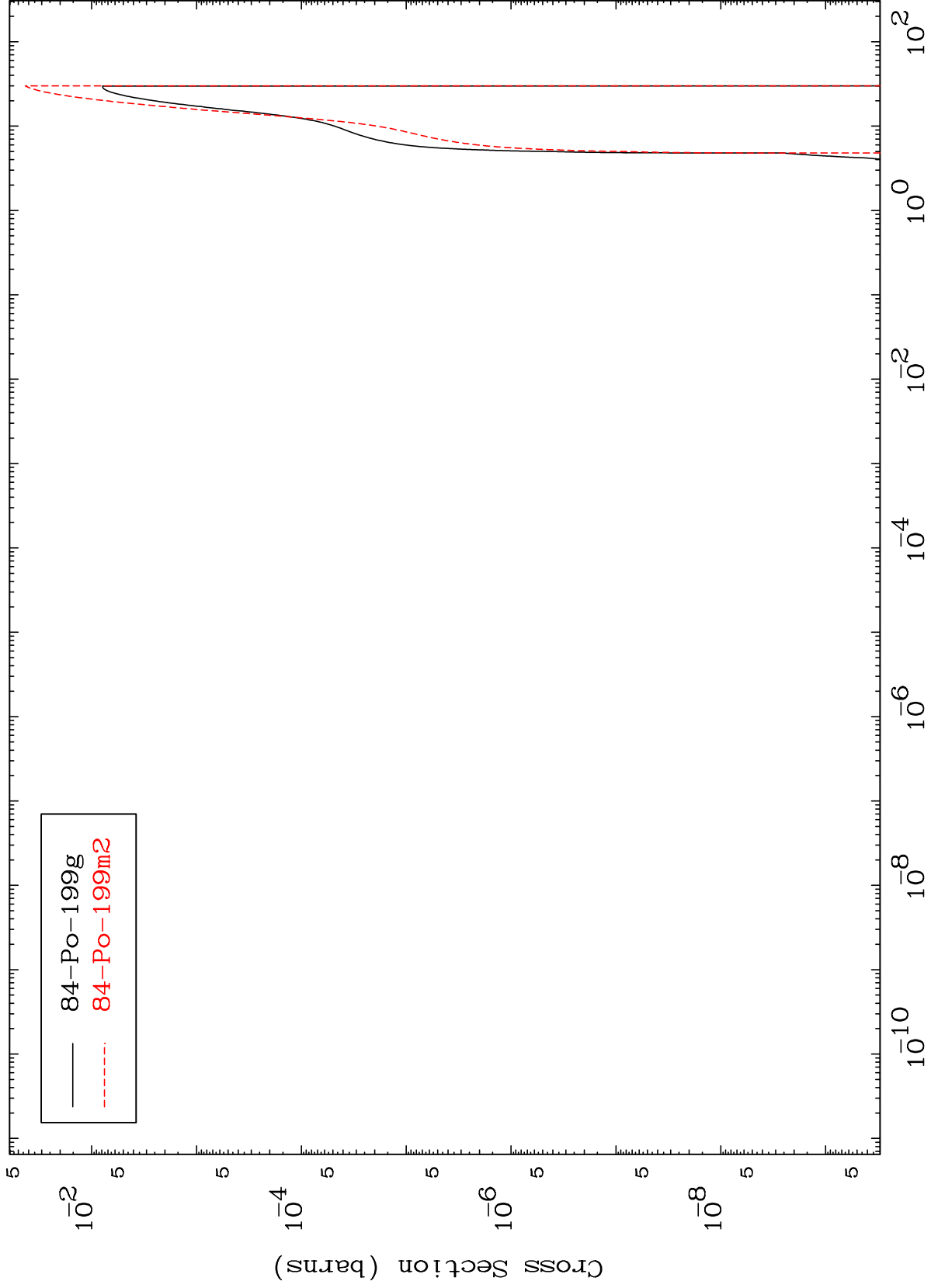
86-Rn-203

MAT 8601

$(n, n') \alpha$

86-Rn-203

Radionuclide Production Cross Section



81

Incident Energy (MeV)

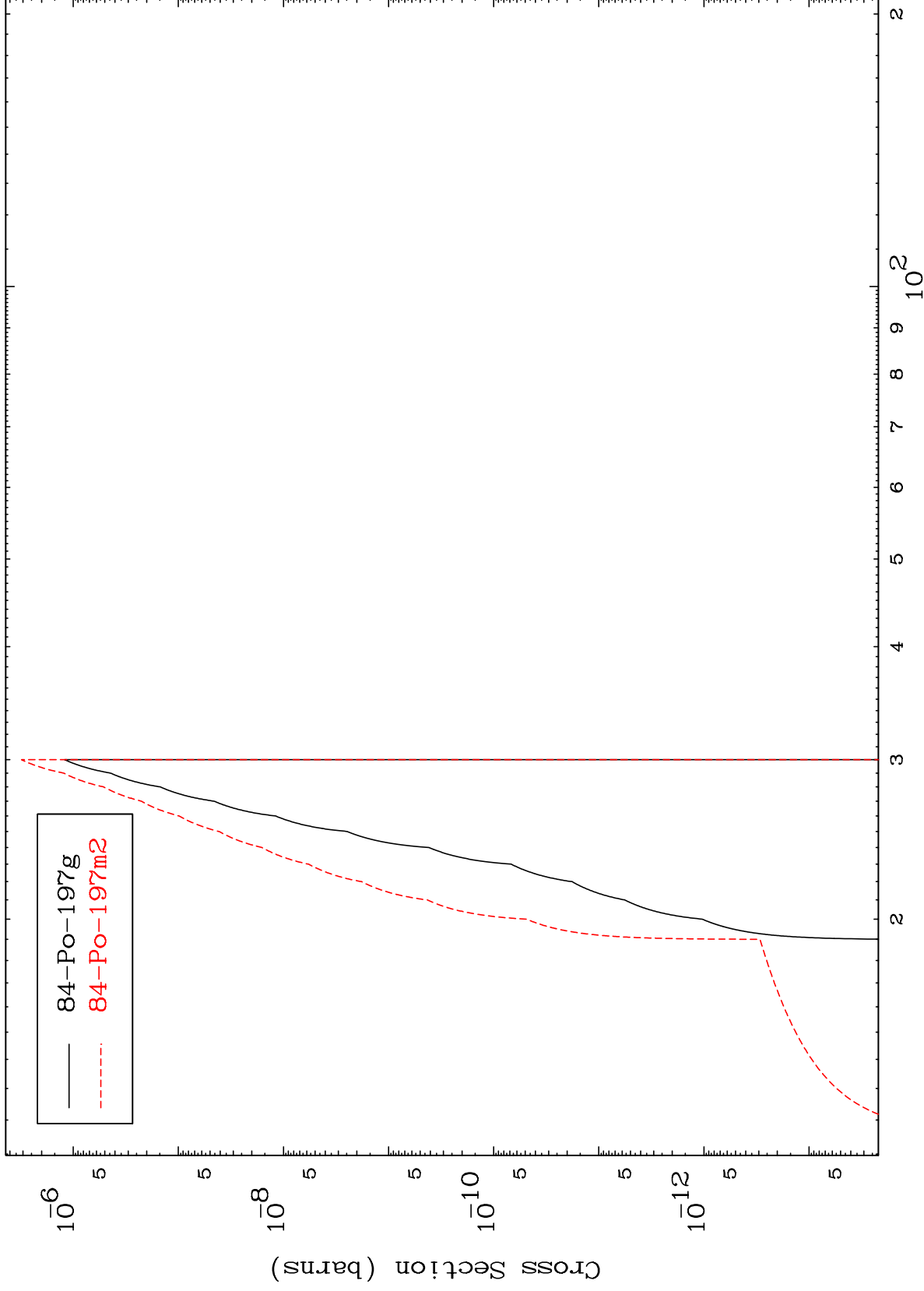
86-Rn-203

MAT 8601

(n,3n) α

86-Rn-203

Radionuclide Production Cross Section



82

Incident Energy (MeV)

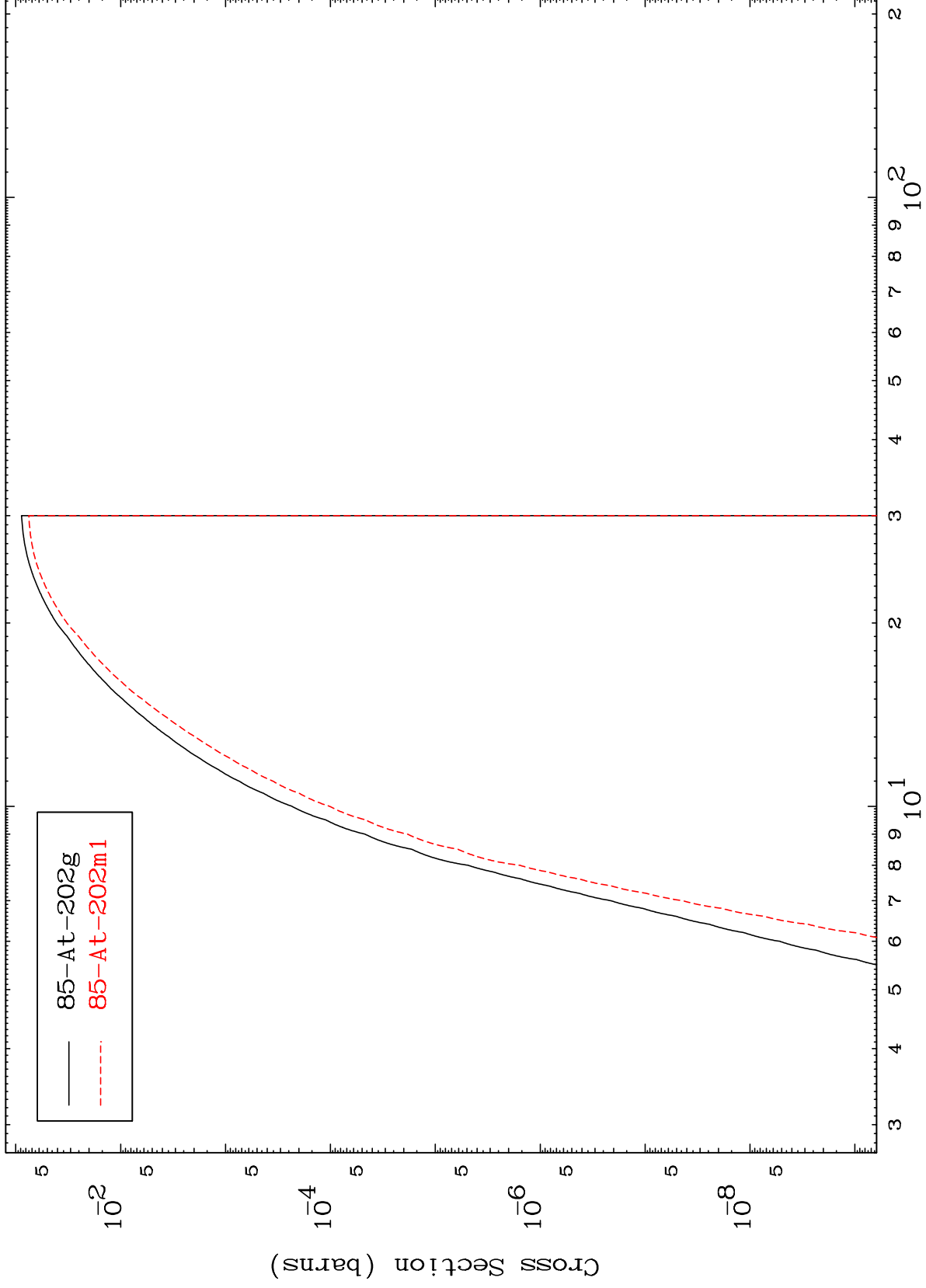
86-Rn-203

MAT 8601

(n,n') p

86-Rn-203

Radionuclide Production Cross Section



83

Incident Energy (MeV)

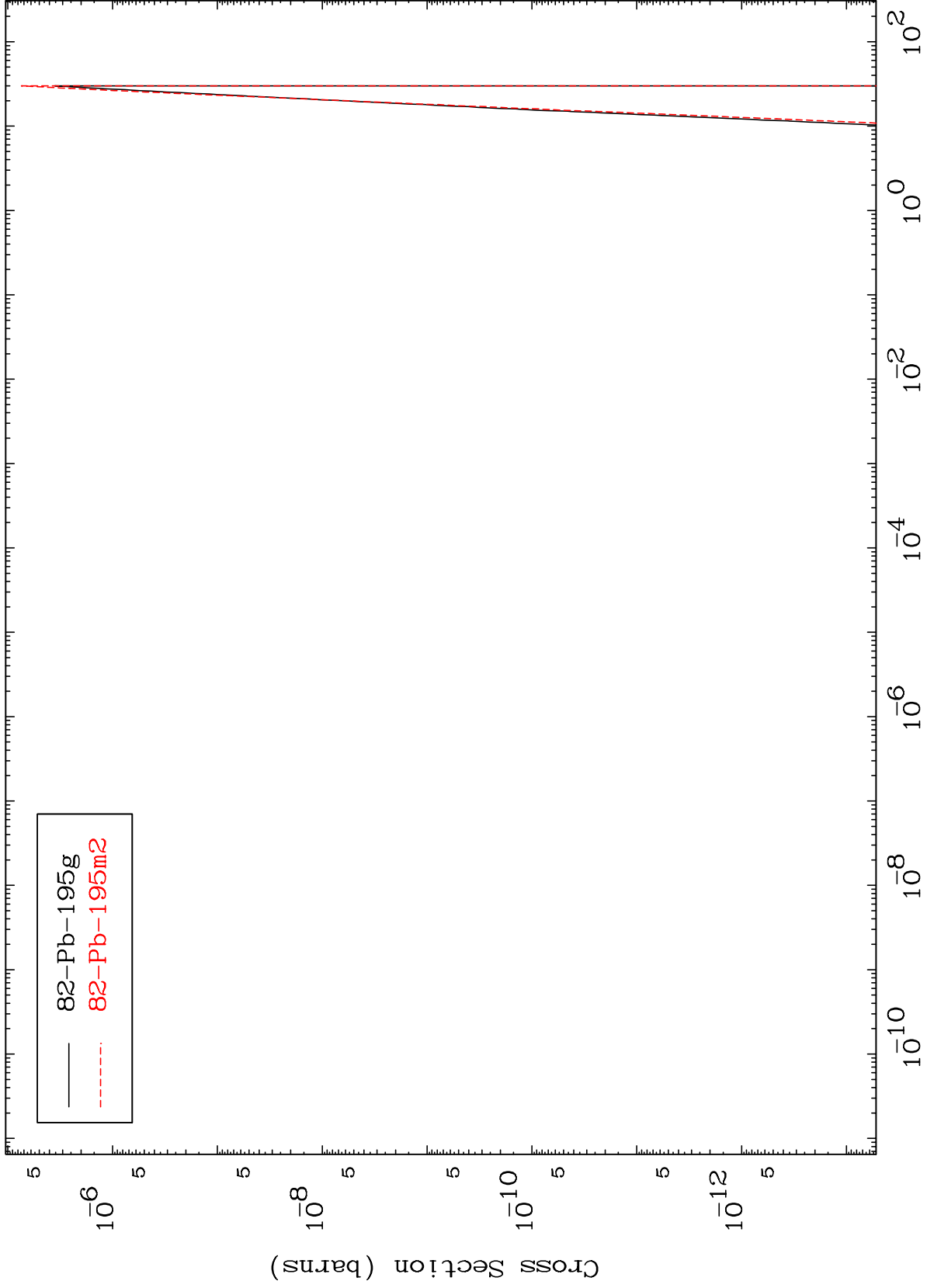
86-Rn-203

MAT 8601

(n,n') 2α

86-Rn-203

Radionuclide Production Cross Section



84

Incident Energy (MeV)

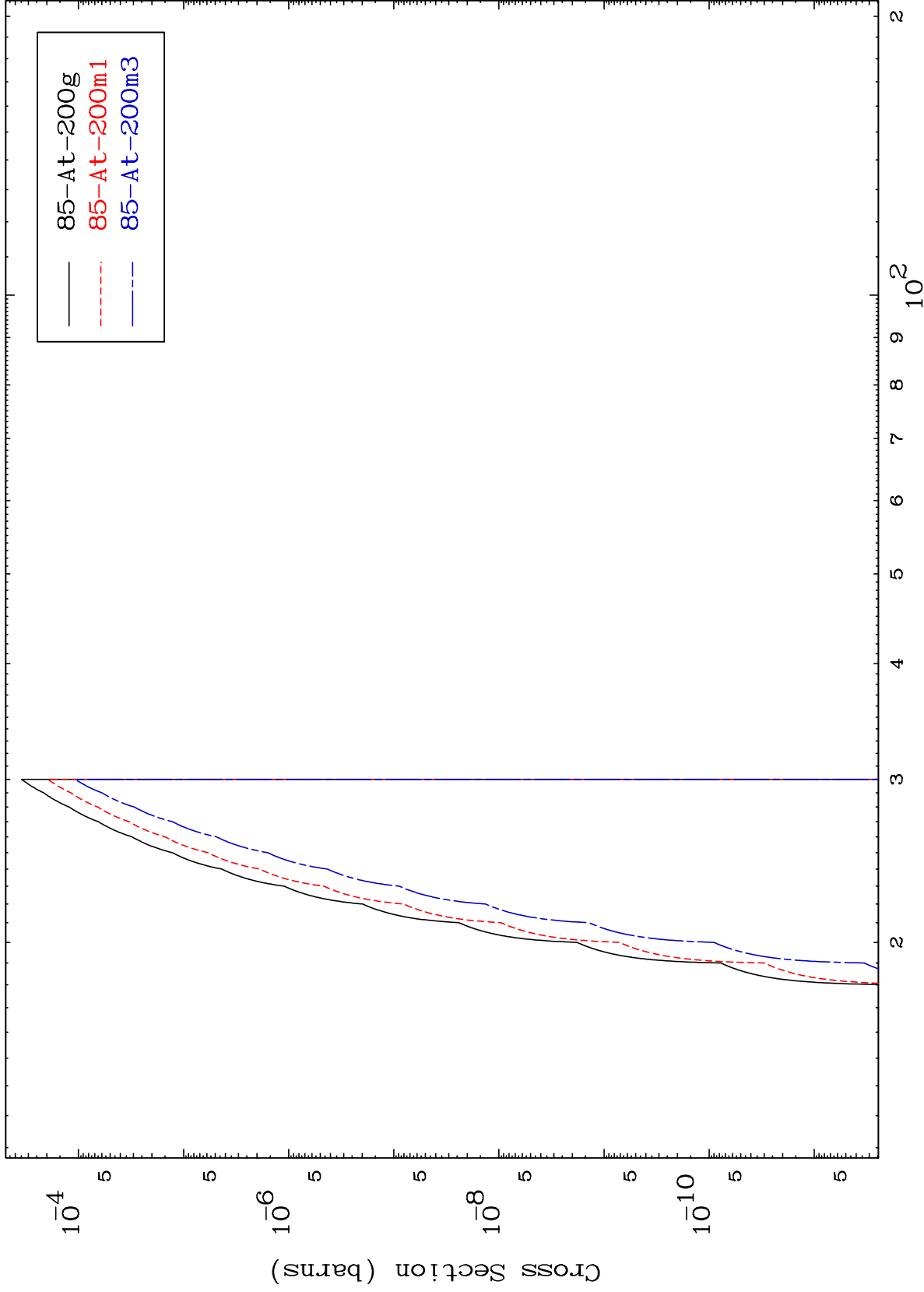
86-Rn-203

MAT 8601

(n,n') t

86-Rn-203

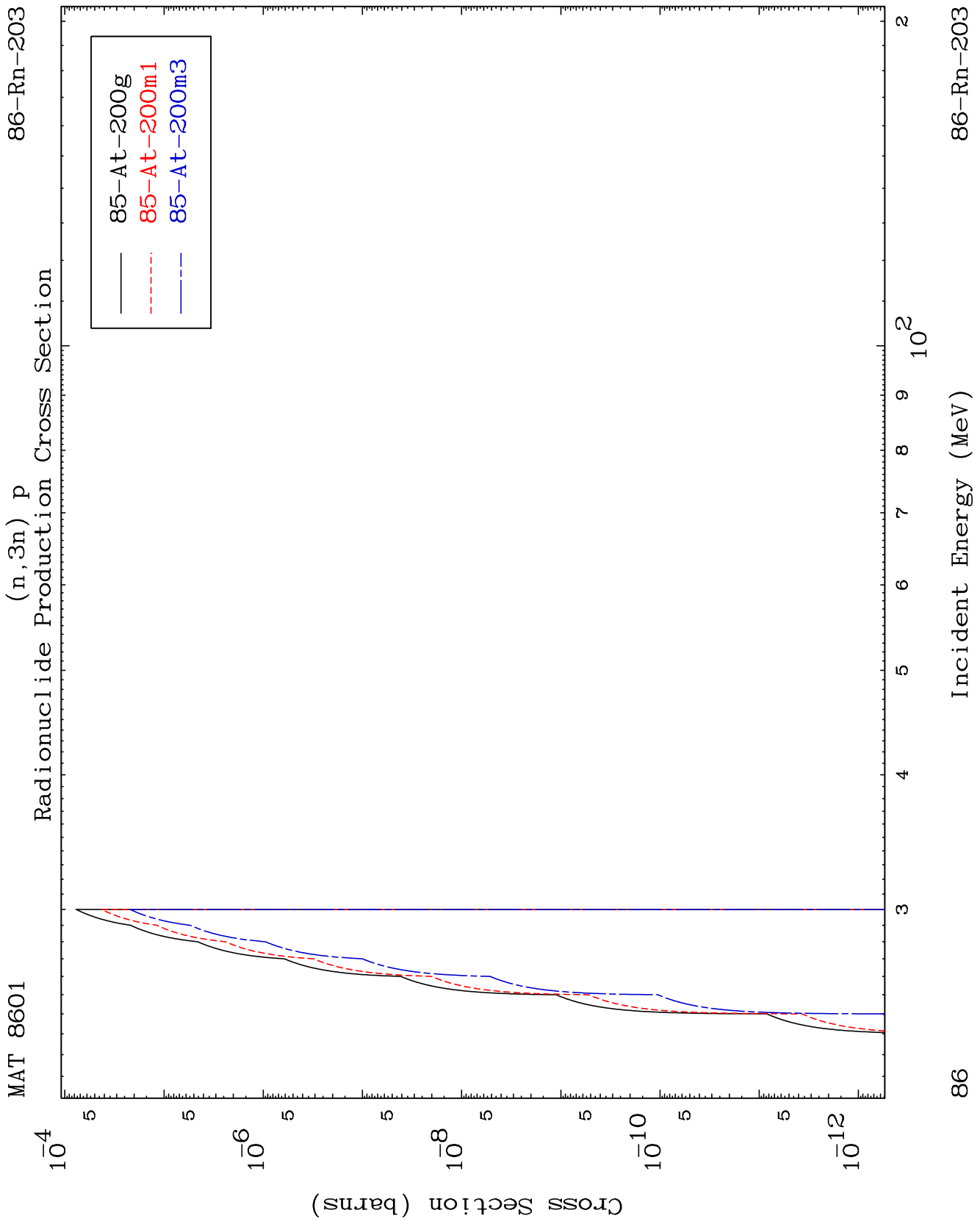
Radionuclide Production Cross Section



85

Incident Energy (MeV)

86-Rn-203

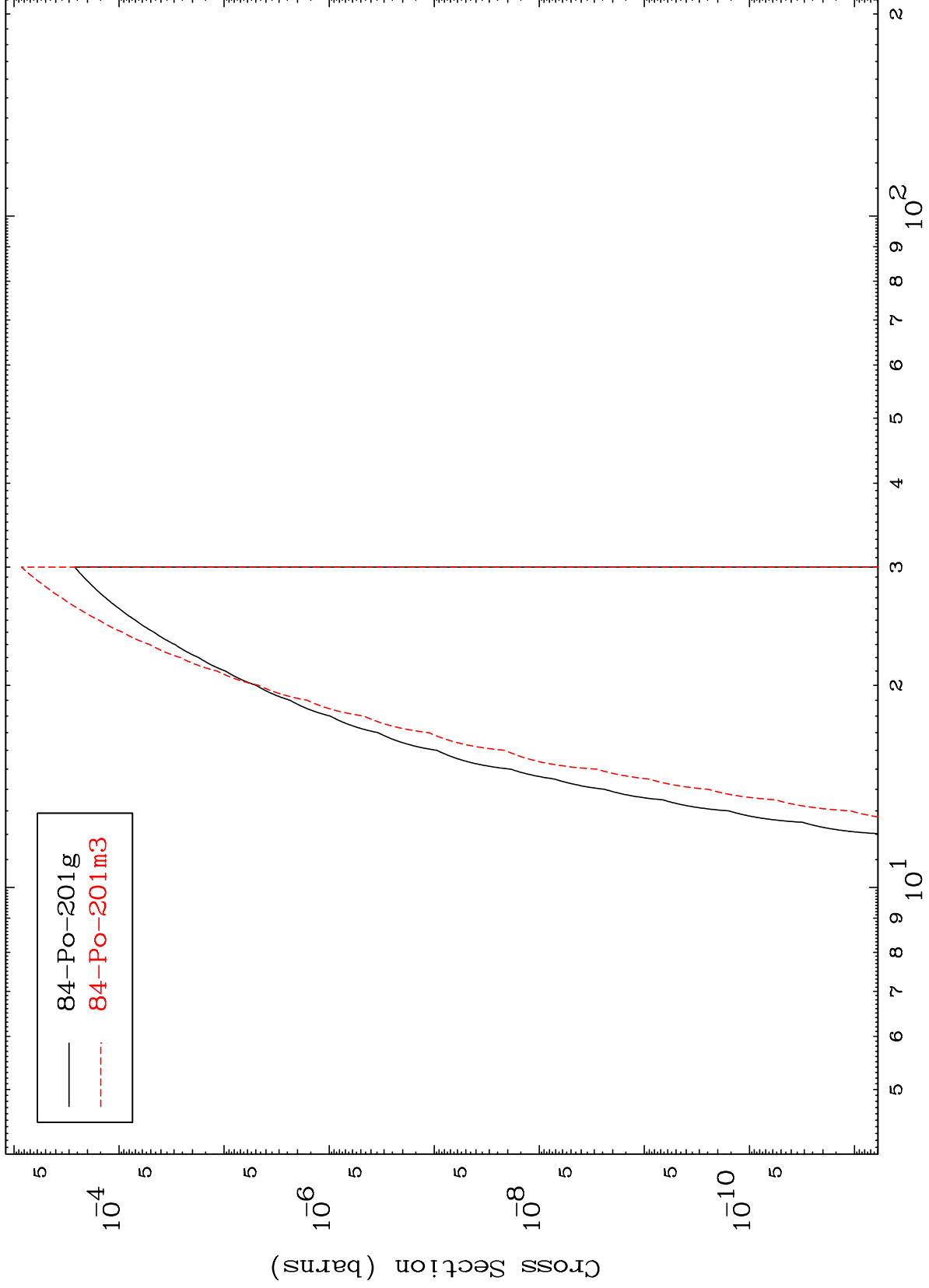


MAT 8601

(n,2n) p

86-Rn-203

Radionuclide Production Cross Section



87

Incident Energy (MeV)

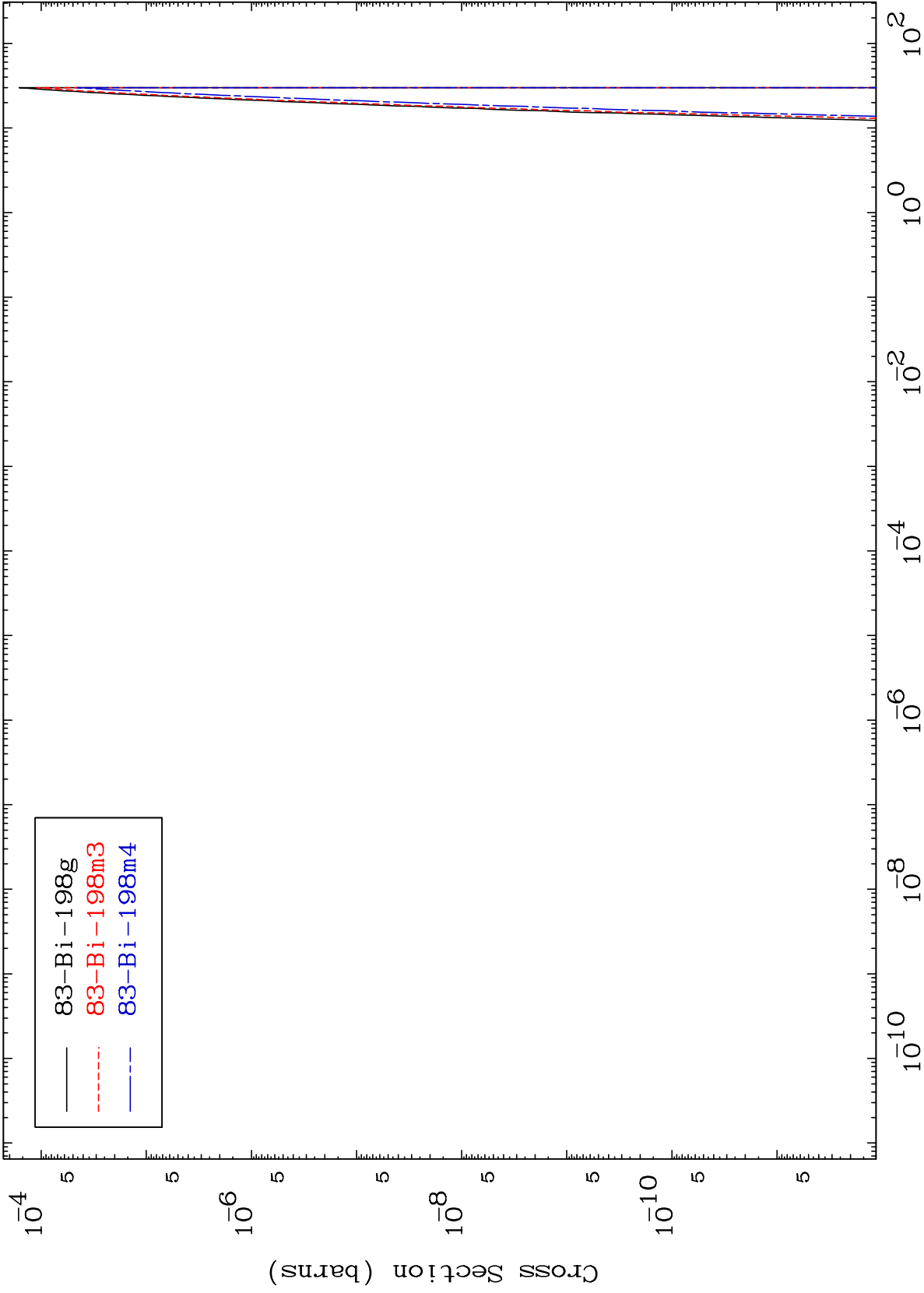
86-Rn-203

MAT 8601

(n,n') p α

86-Rn-203

Radionuclide Production Cross Section



88

Incident Energy (MeV)

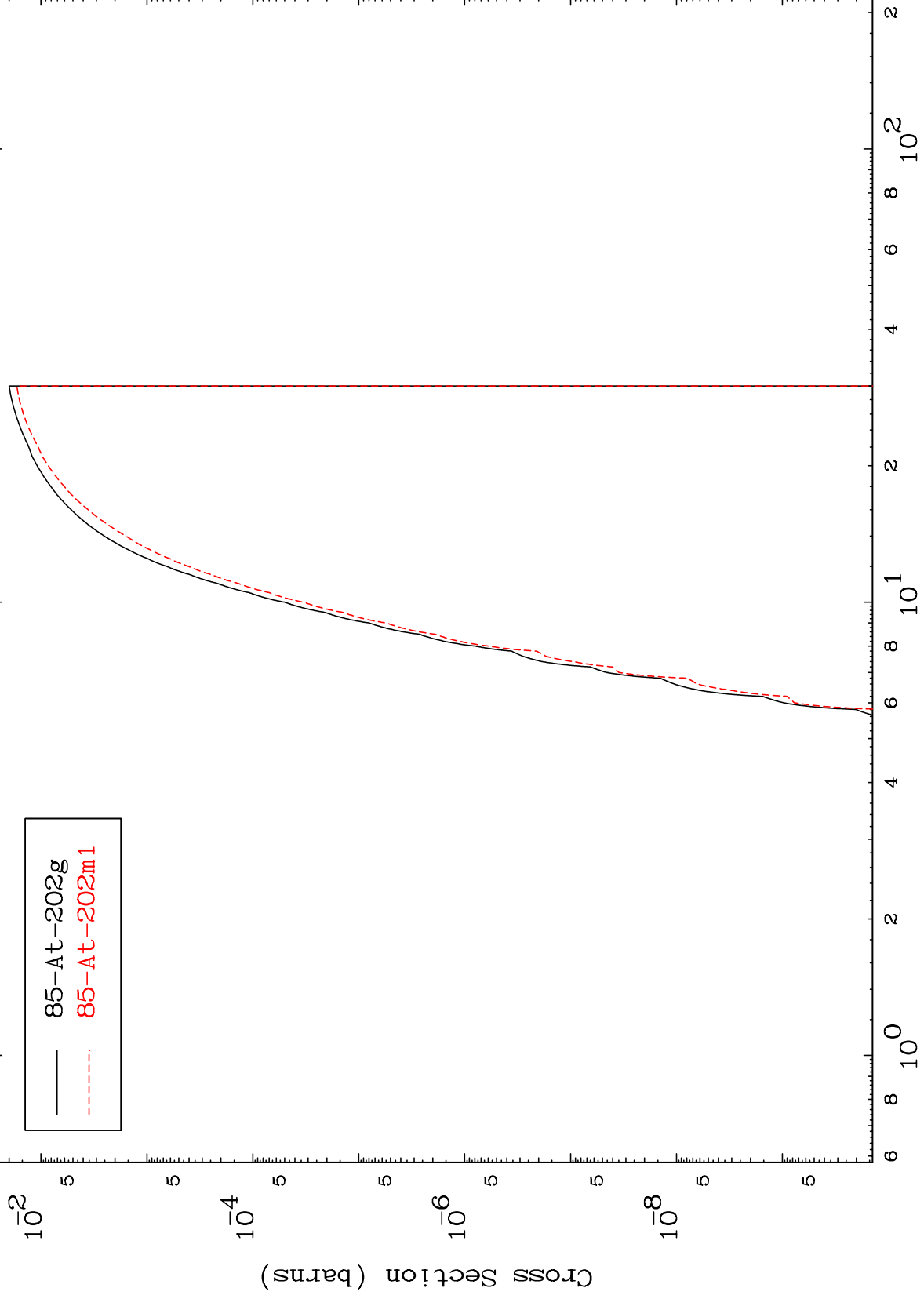
86-Rn-203

MAT 8601

(n,d)

86-Rn-203

Radionuclide Production Cross Section



89

Incident Energy (MeV)

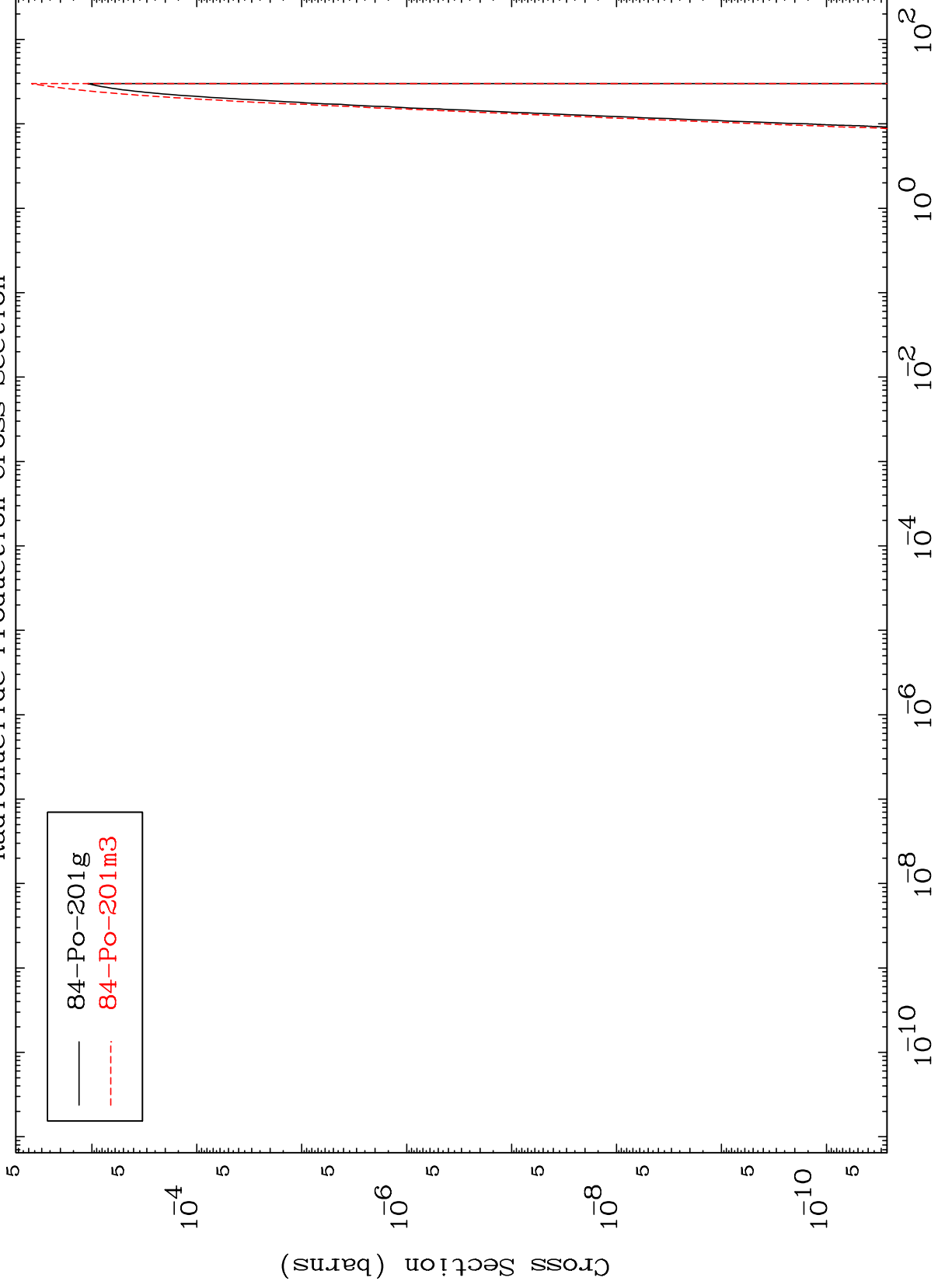
86-Rn-203

MAT 8601

(n,He-3)

86-Rn-203

Radionuclide Production Cross Section



90

Incident Energy (MeV)

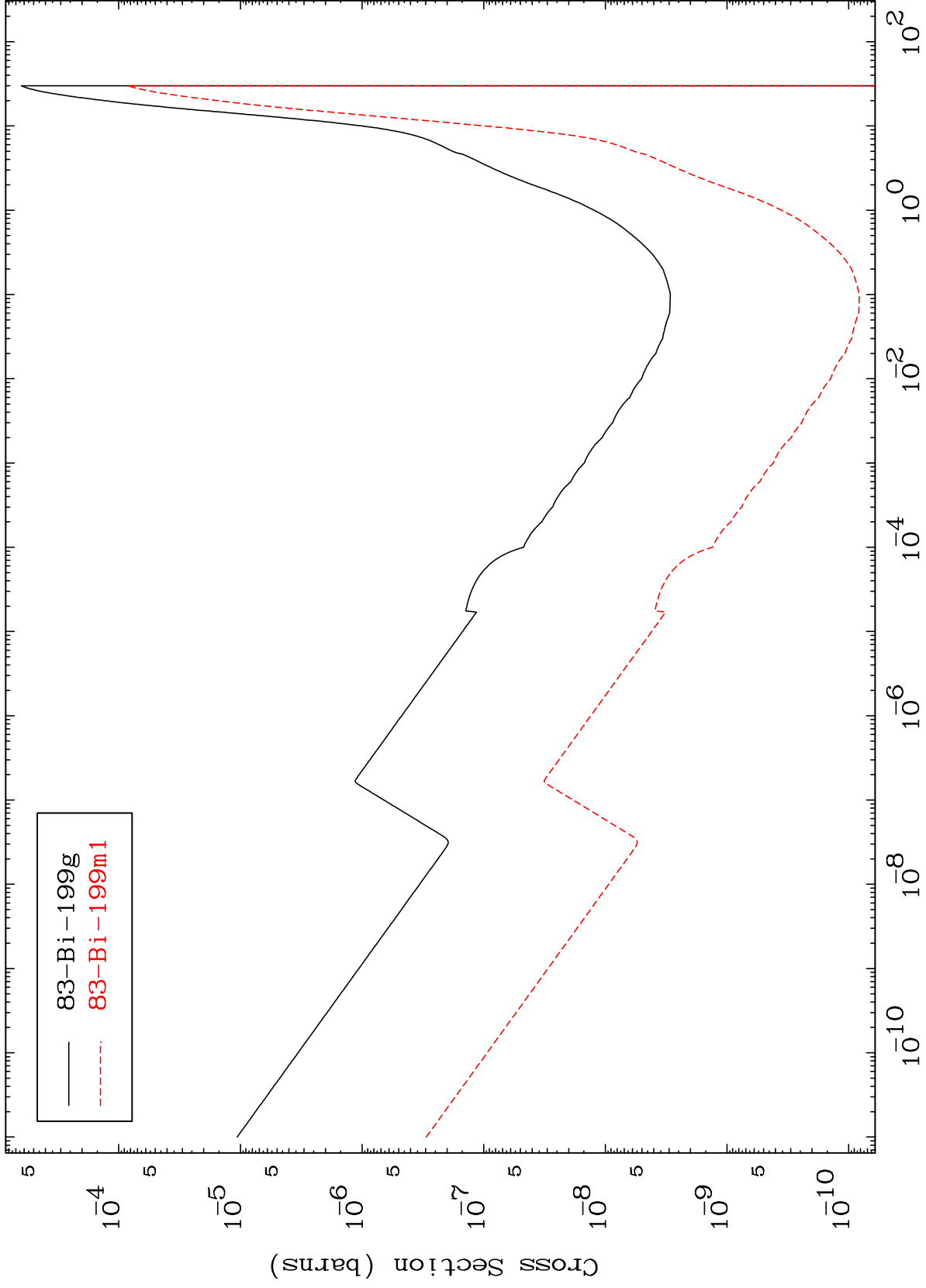
86-Rn-203

MAT 8601

(n,p) α

86-Rn-203

Radionuclide Production Cross Section



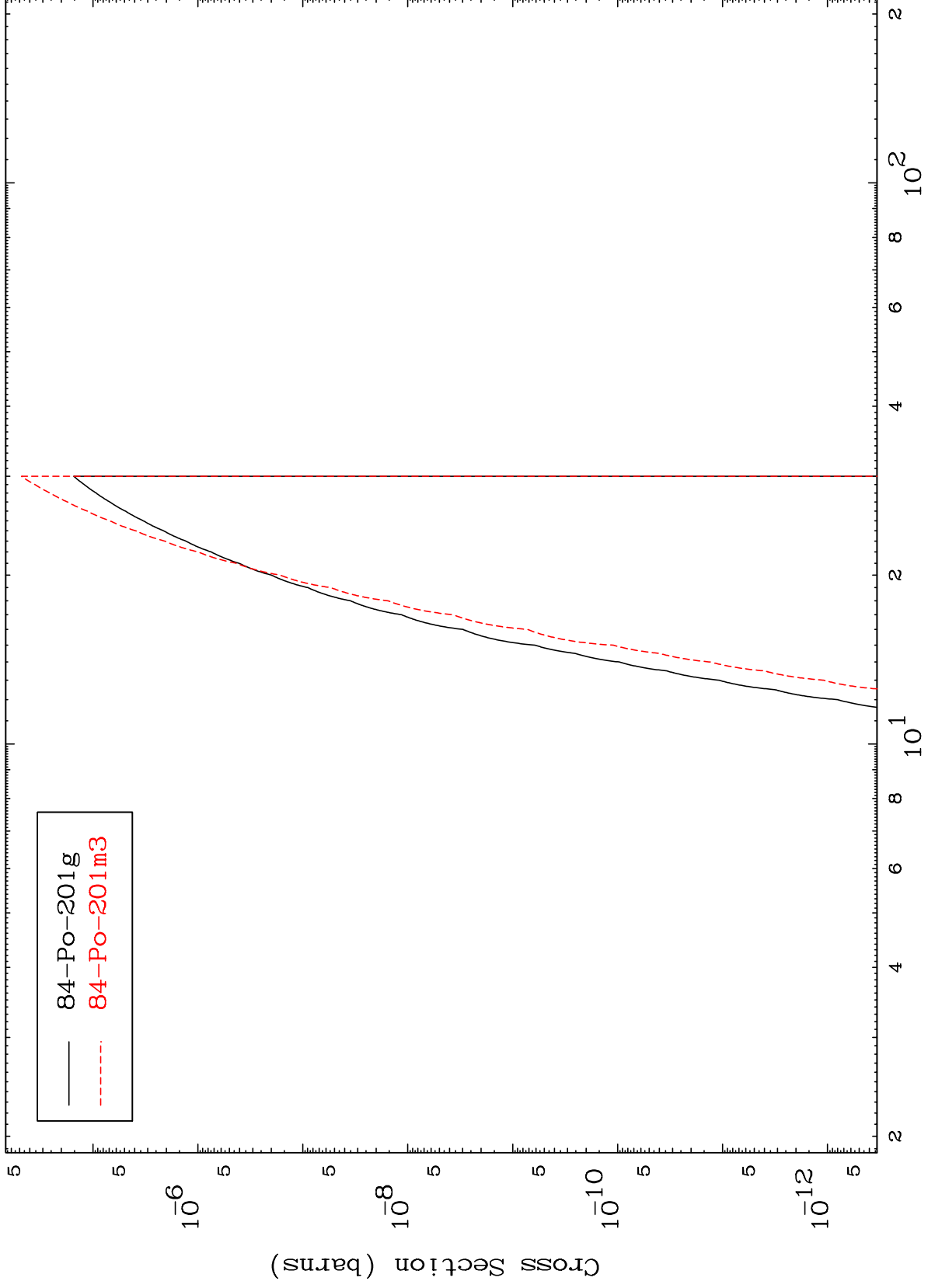
83-Bi-199g
83-Bi-199m1

MAT 8601

(n,p) d

86-Rn-203

Radionuclide Production Cross Section



92

Incident Energy (MeV)

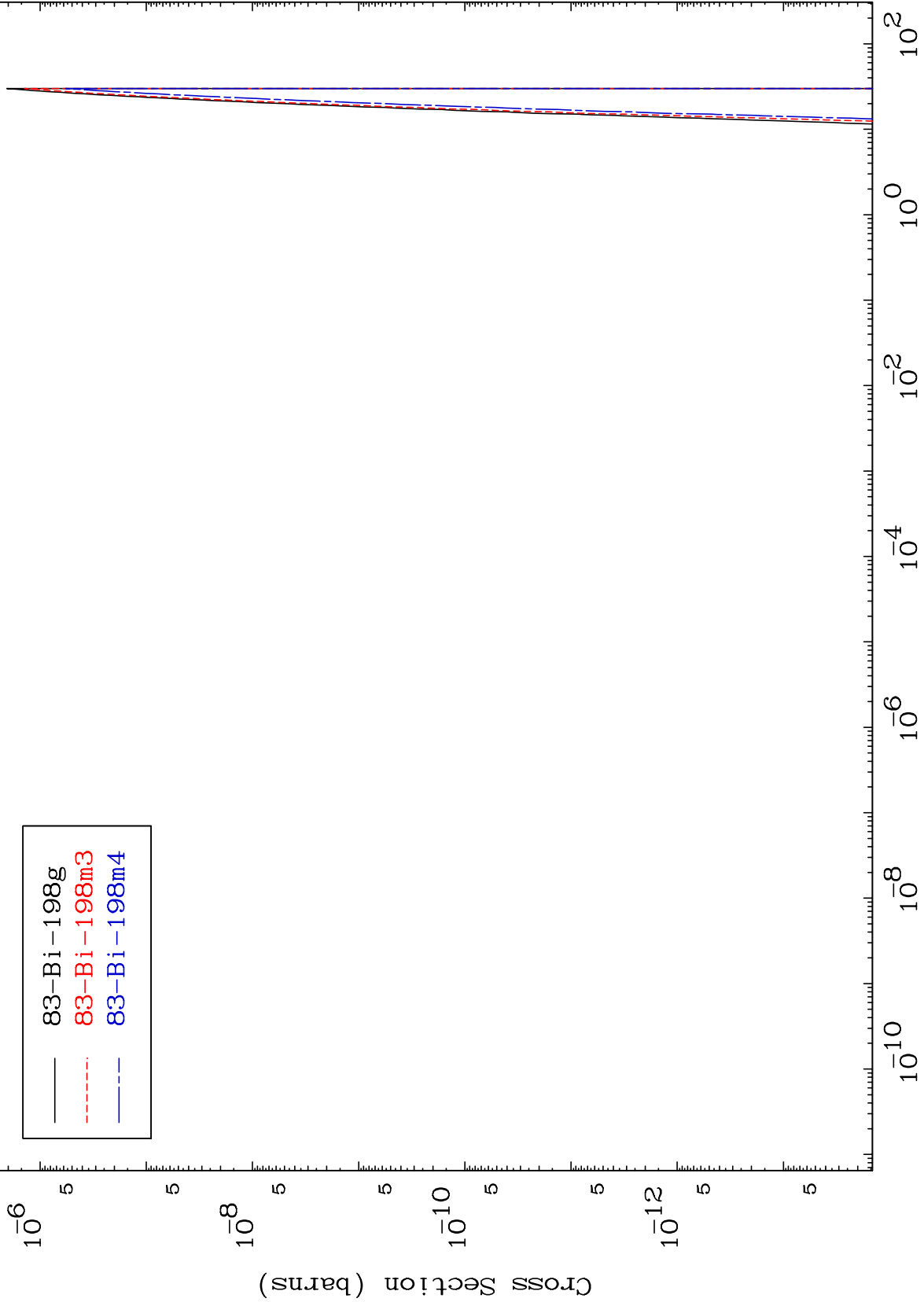
86-Rn-203

MAT 8601

(n,d) α

86-Rn-203

Radionuclide Production Cross Section



93

Incident Energy (MeV)

86-Rn-203