

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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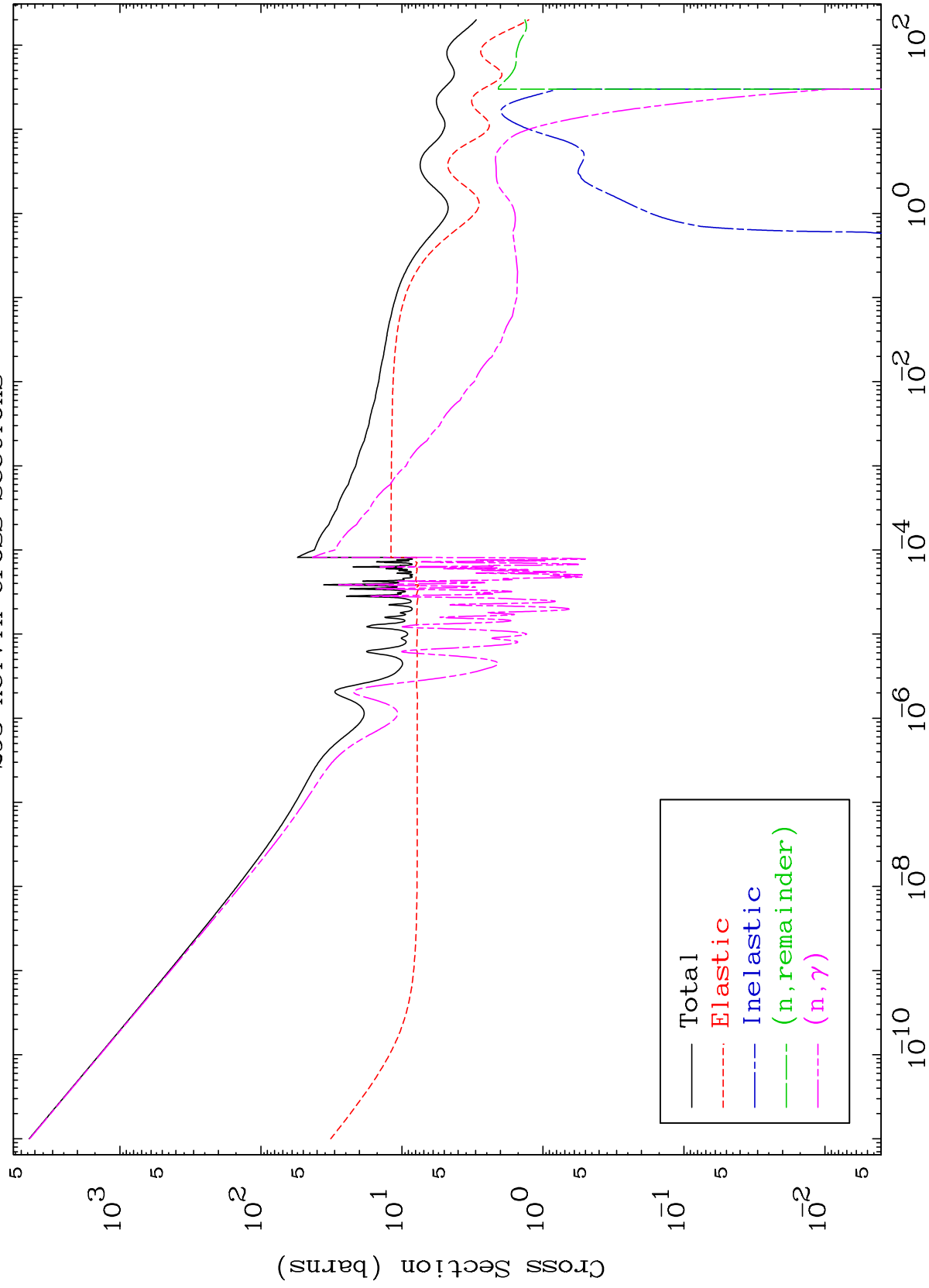
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8598

Major  
293 Kelvin Cross Sections

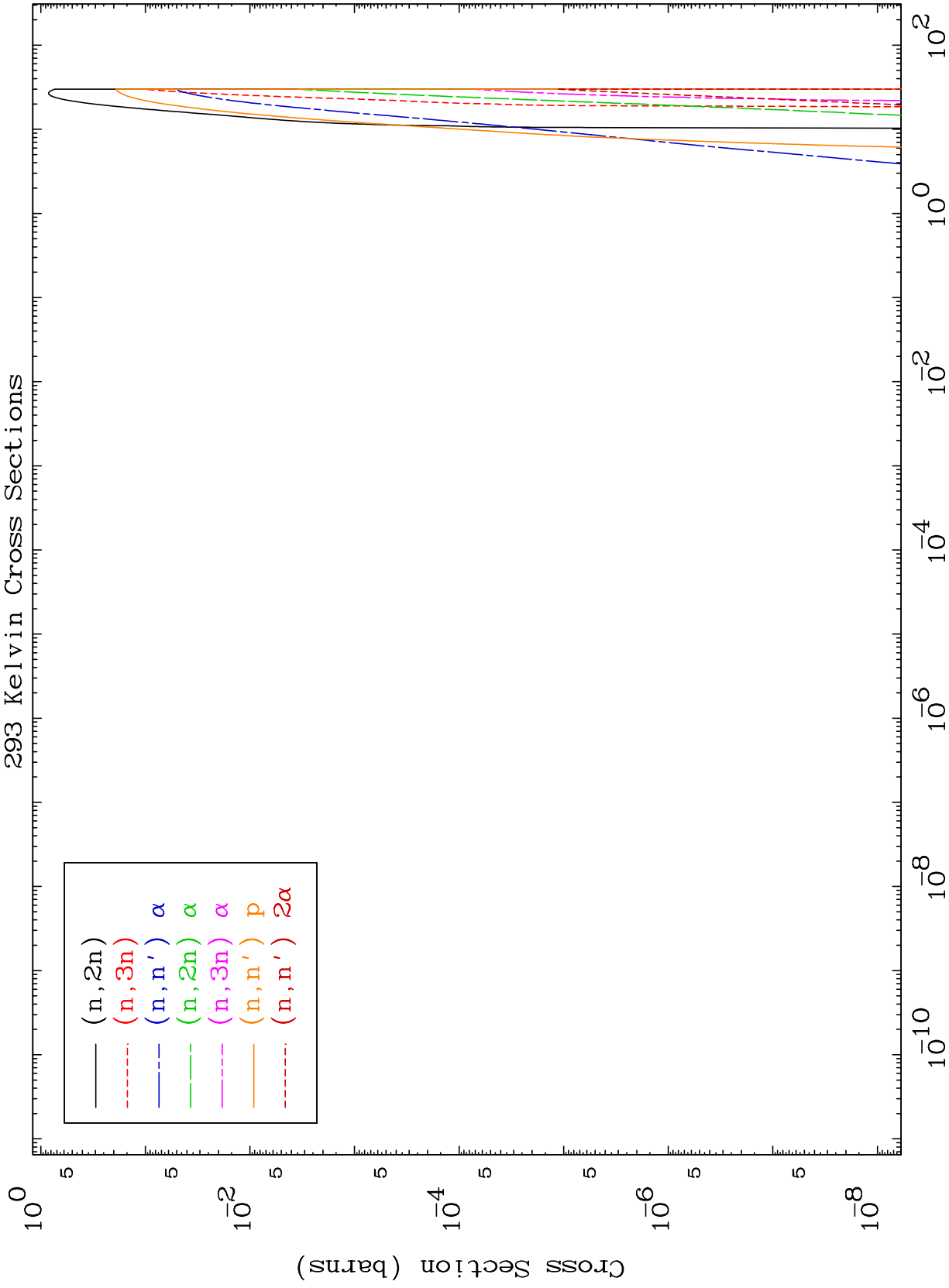
86-Rn-202



MAT 8598

Neutron Production  
293 Kelvin Cross Sections

86-Rn-202



2

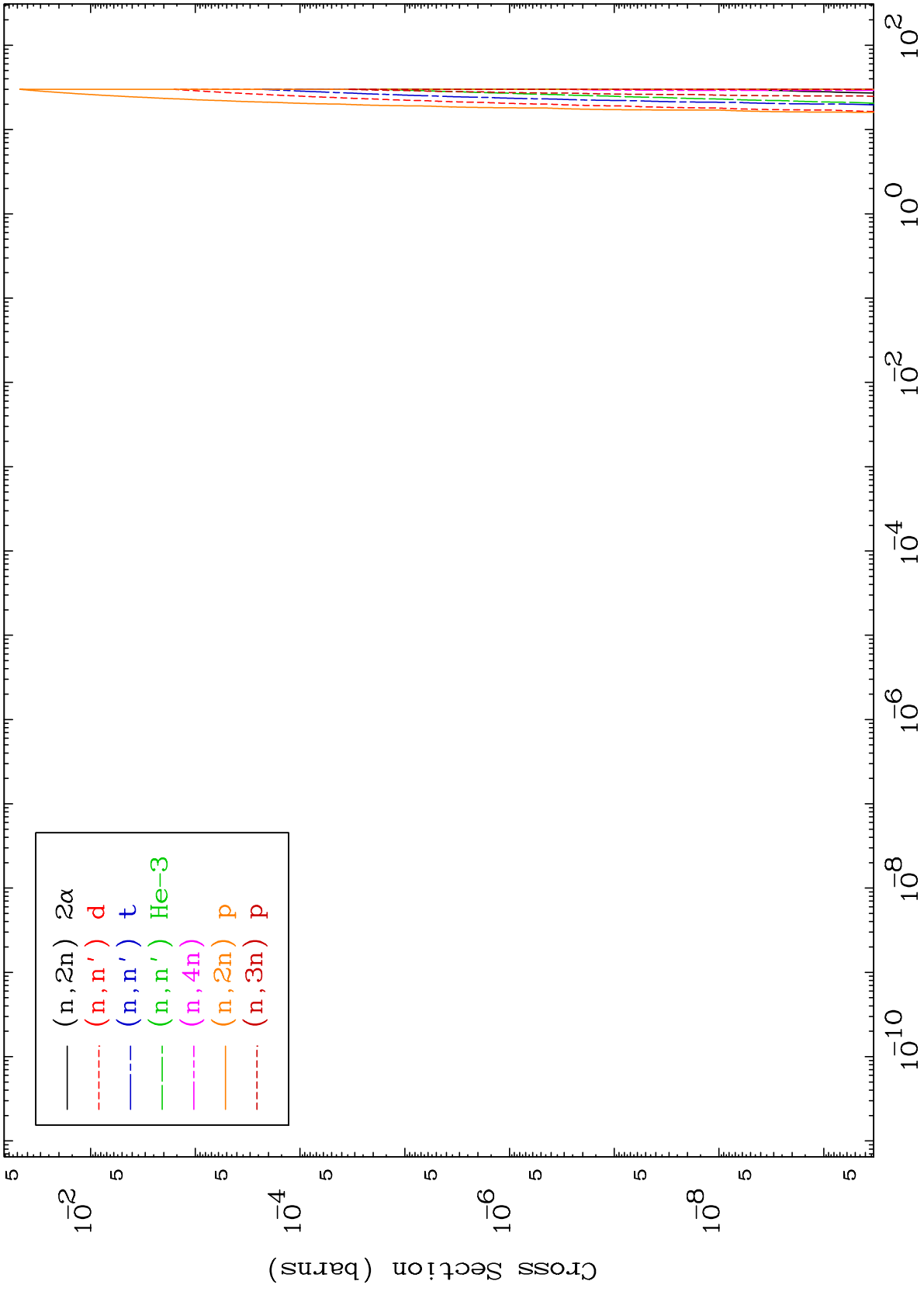
Incident Energy (MeV)

86-Rn-202

MAT 8598

Neutron Production  
293 Kelvin Cross Sections

86-Rn-202

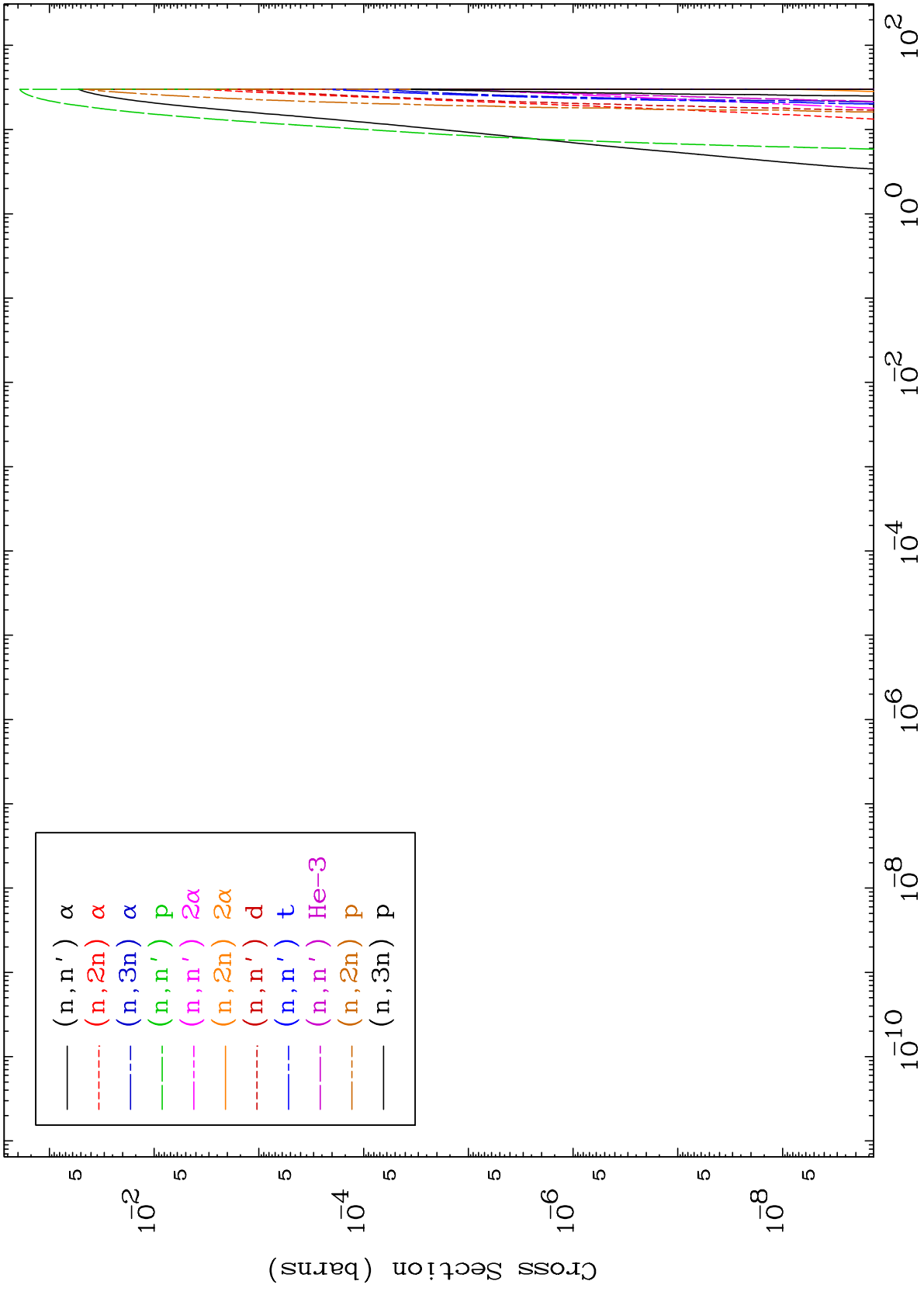


86-Rn-202

MAT 8598

293 Kelvin Cross Sections

86-Rn-202



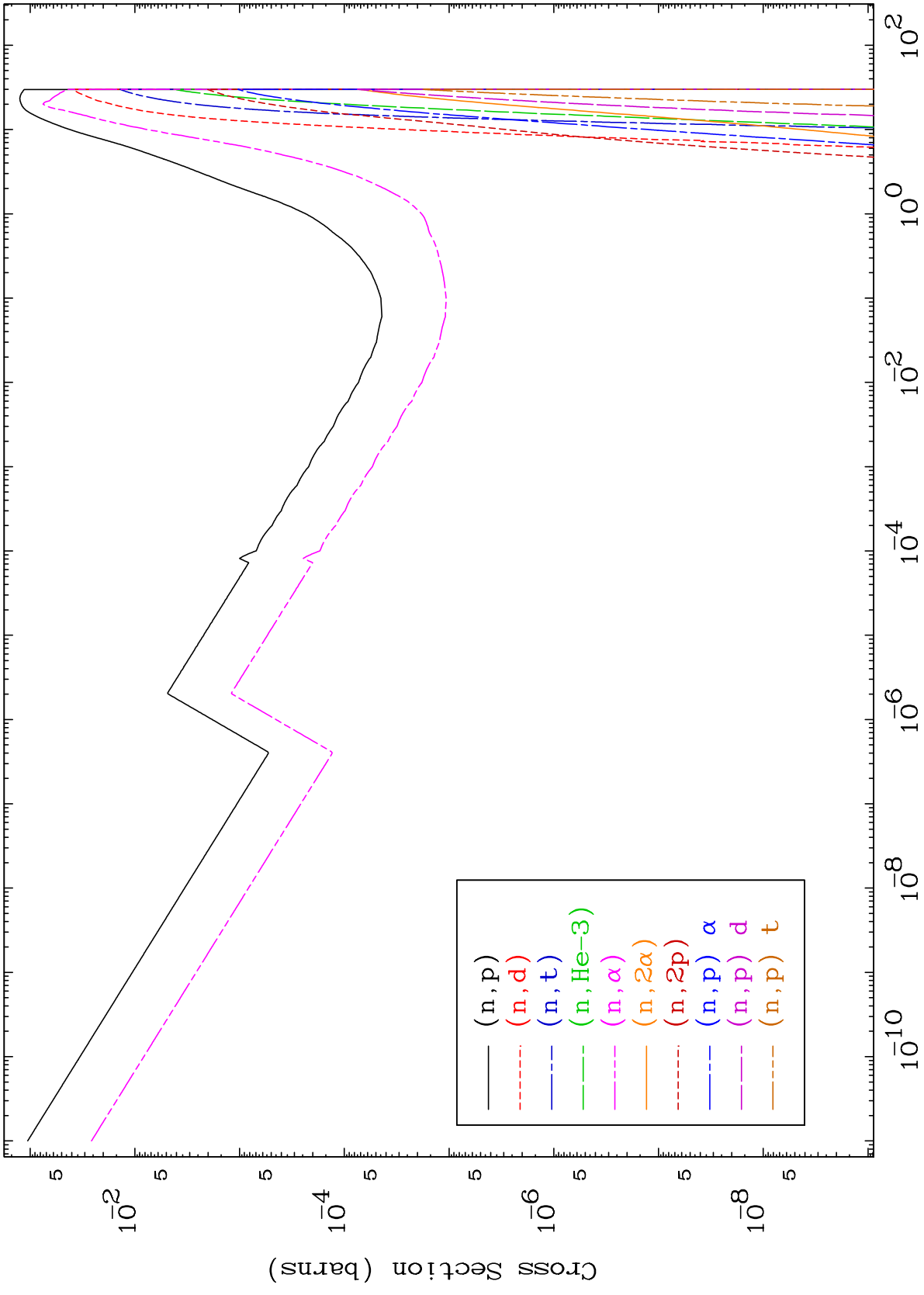
86-Rn-202

Incident Energy (MeV)

MAT 8598

293 Kelvin Cross Sections

86-Rn-202

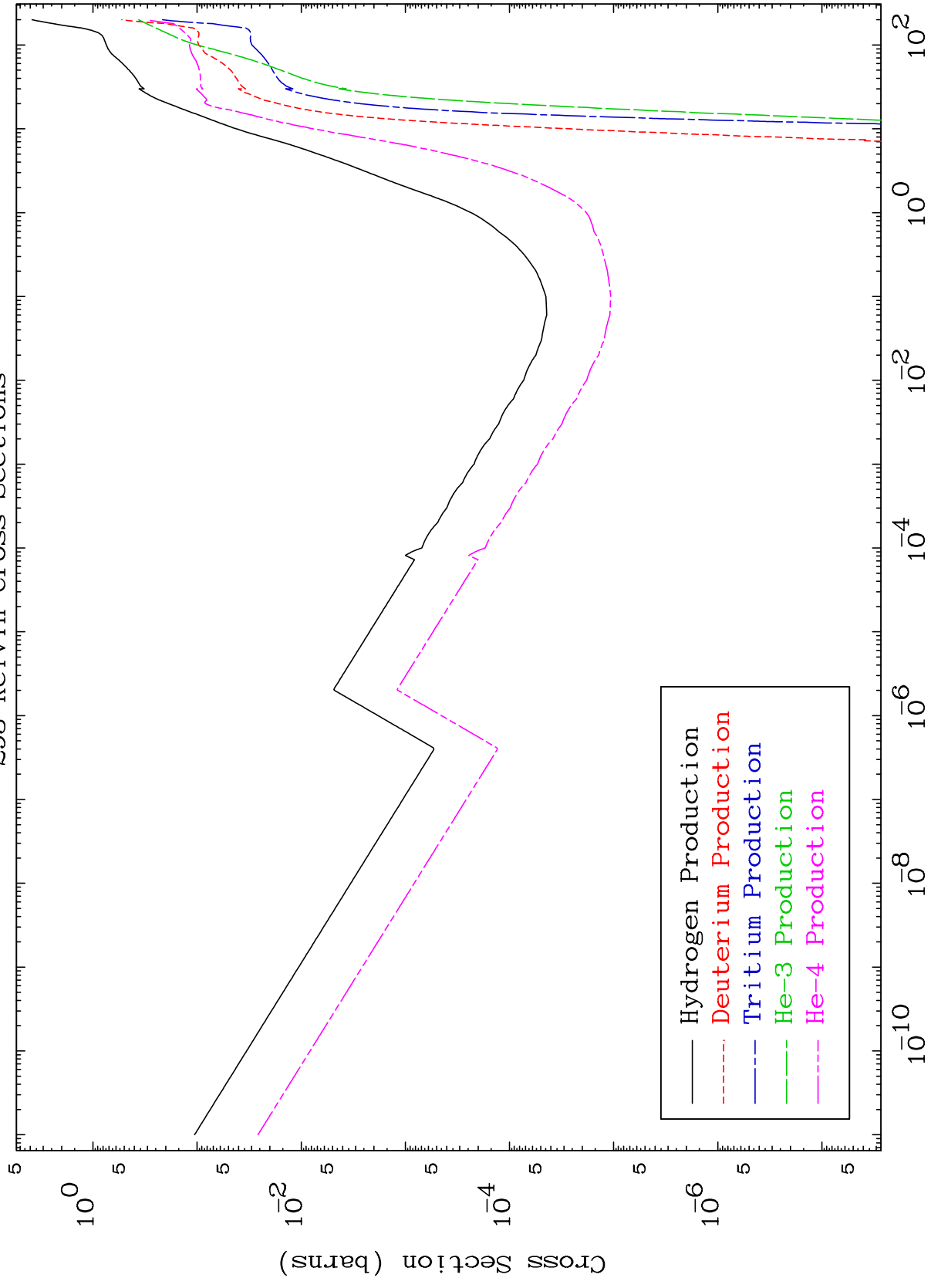


86-Rn-202

MAT 8598

Particle Production  
293 Kelvin Cross Sections

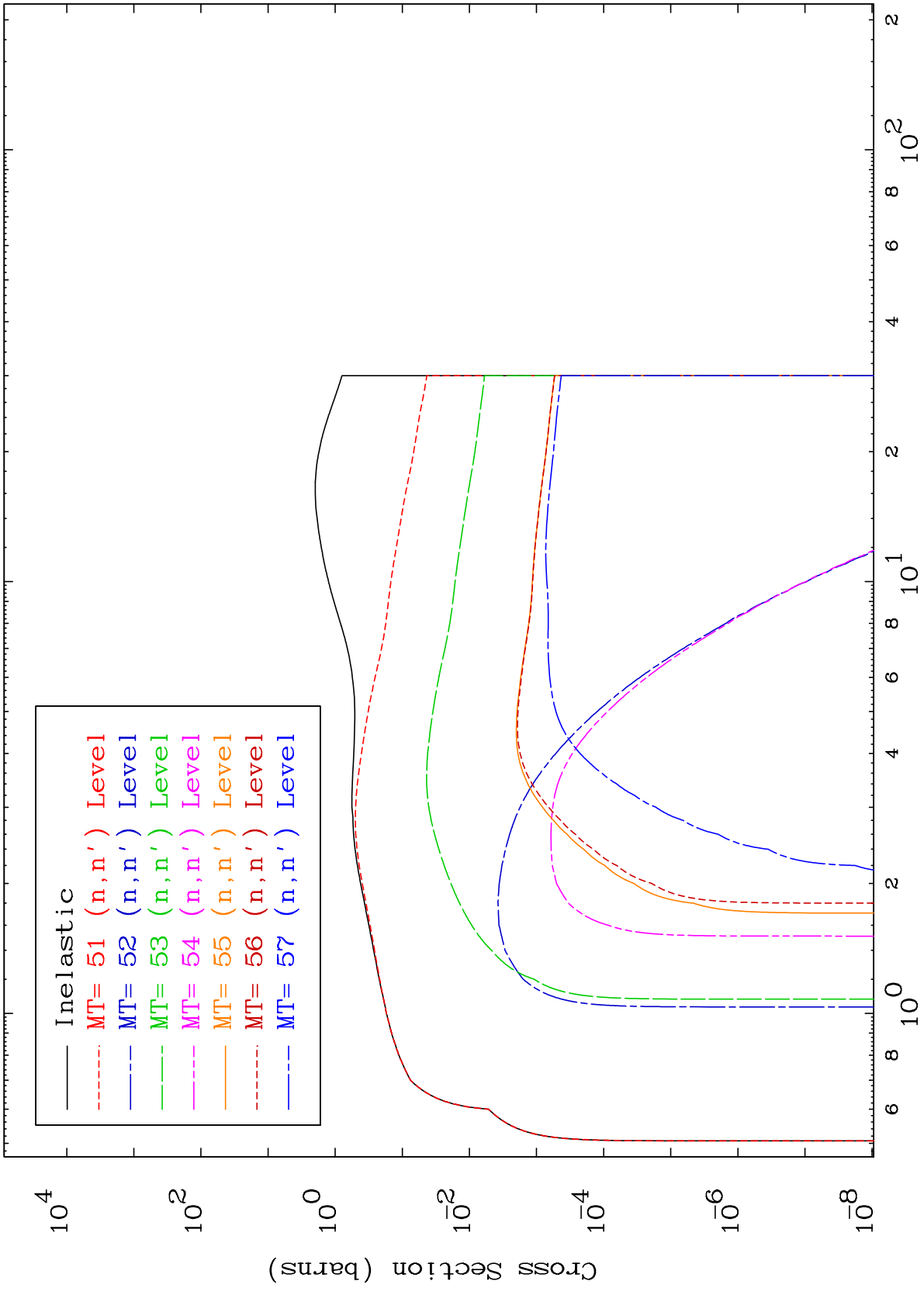
86-Rn-202



MAT 8598

(n,n') Level  
293 Kelvin Cross Sections

86-Rn-202



7

Incident Energy (MeV)

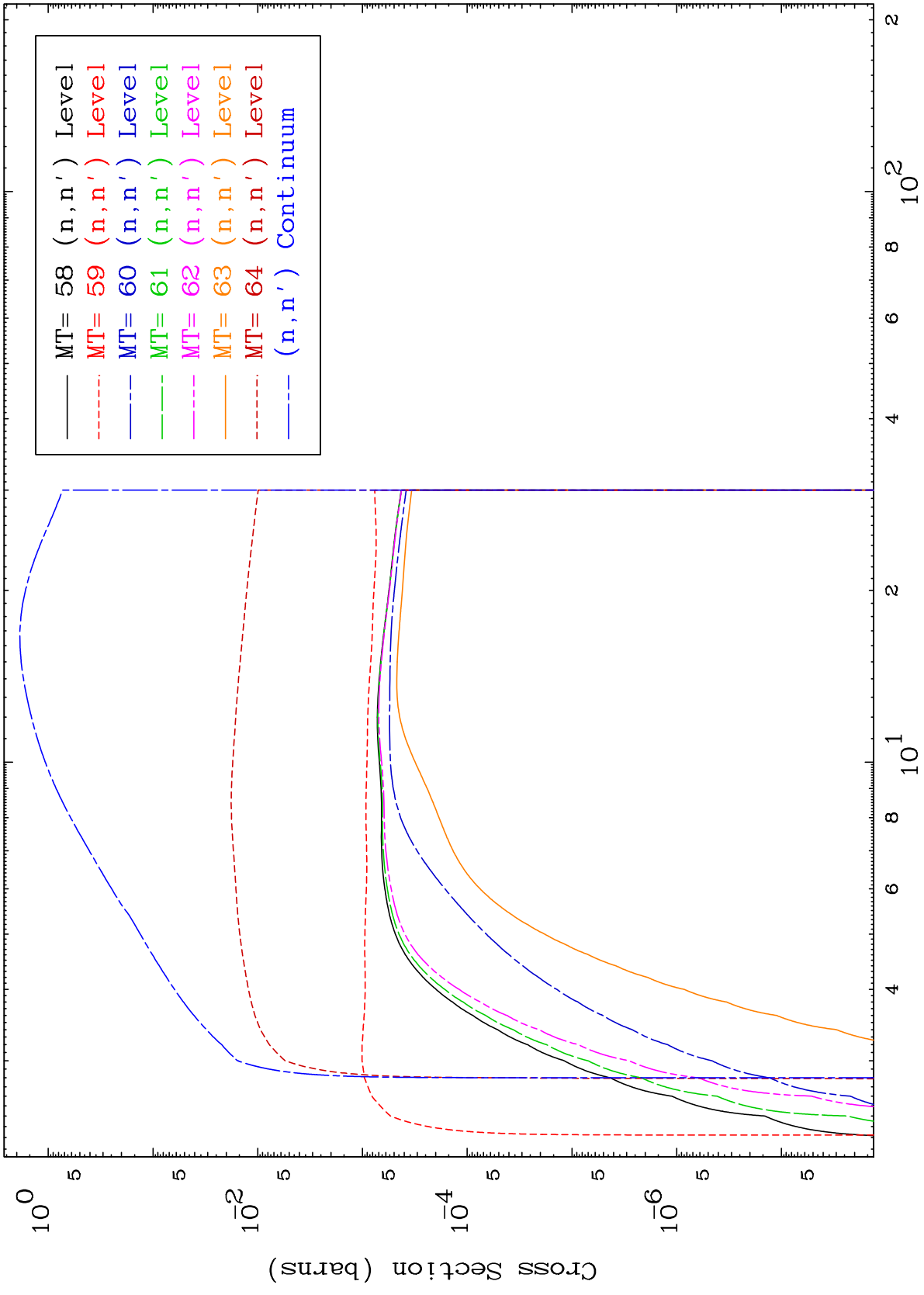
86-Rn-202



MAT 8598

(n,n') Level  
293 Kelvin Cross Sections

86-Rn-202



8

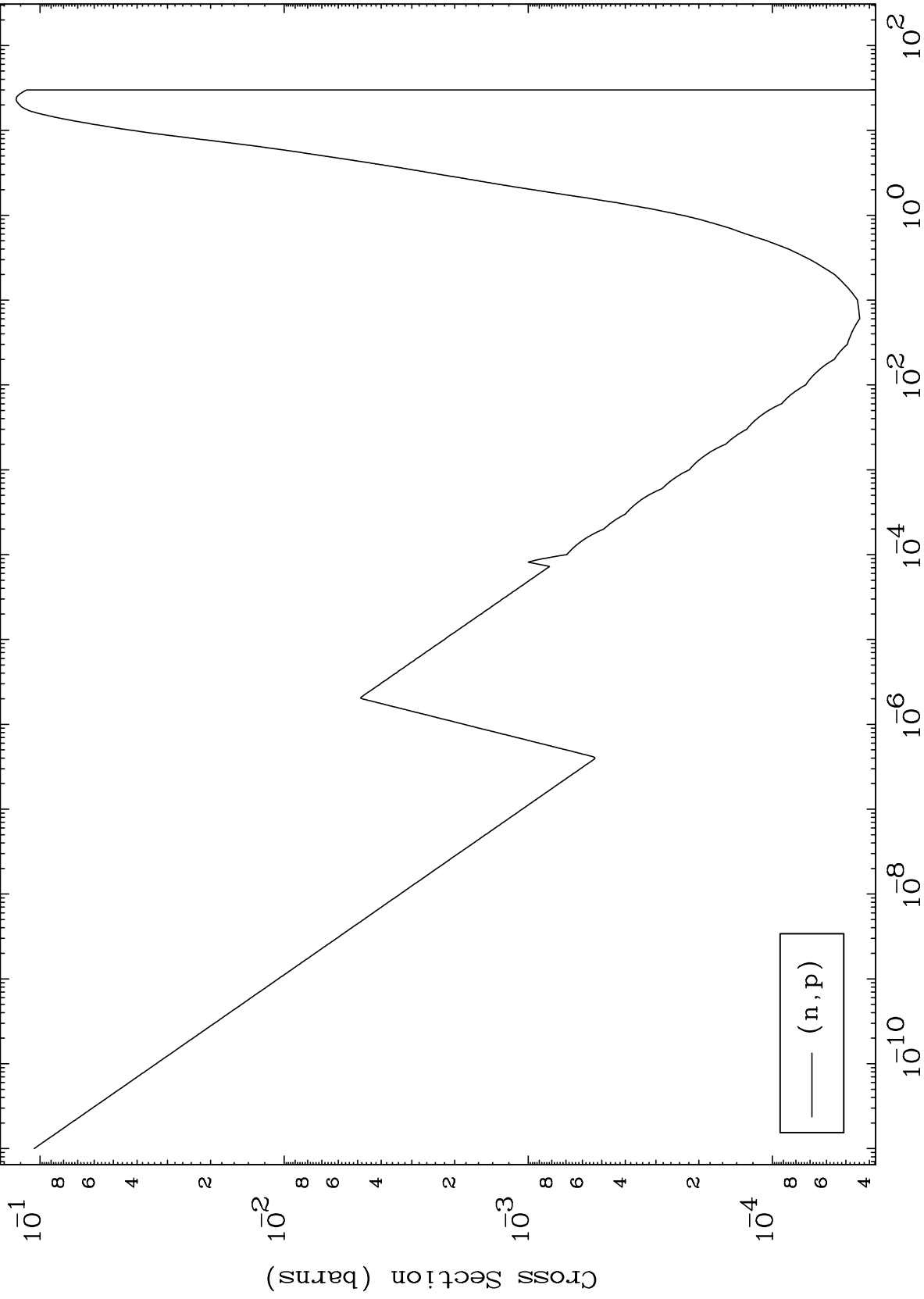
Incident Energy (MeV)

86-Rn-202

MAT 8598

(n,p) Levels  
293 Kelvin Cross Sections

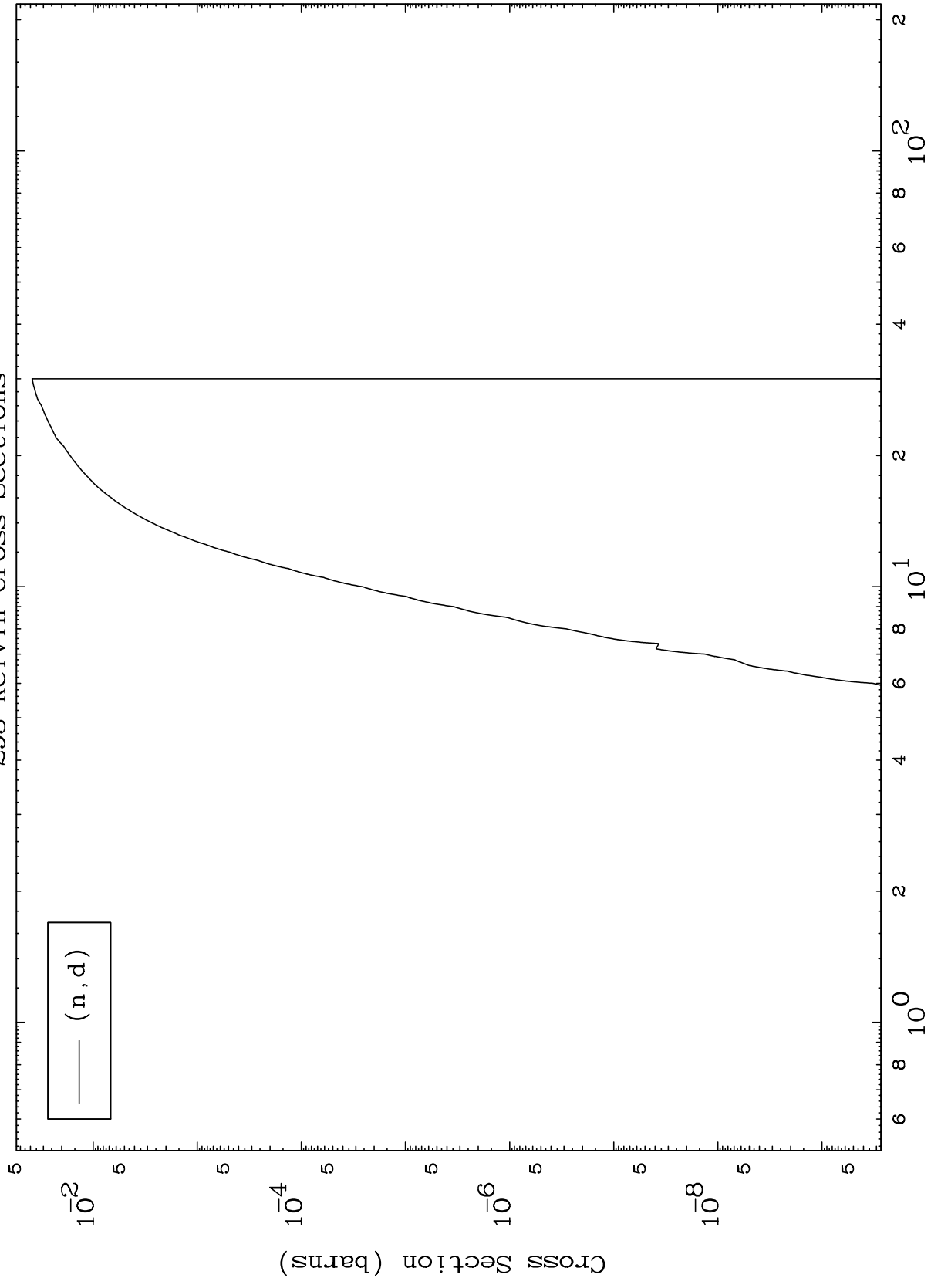
86-Rn-202



MAT 8598

(n,d) Levels  
293 Kelvin Cross Sections

86-Rn-202



86-Rn-202

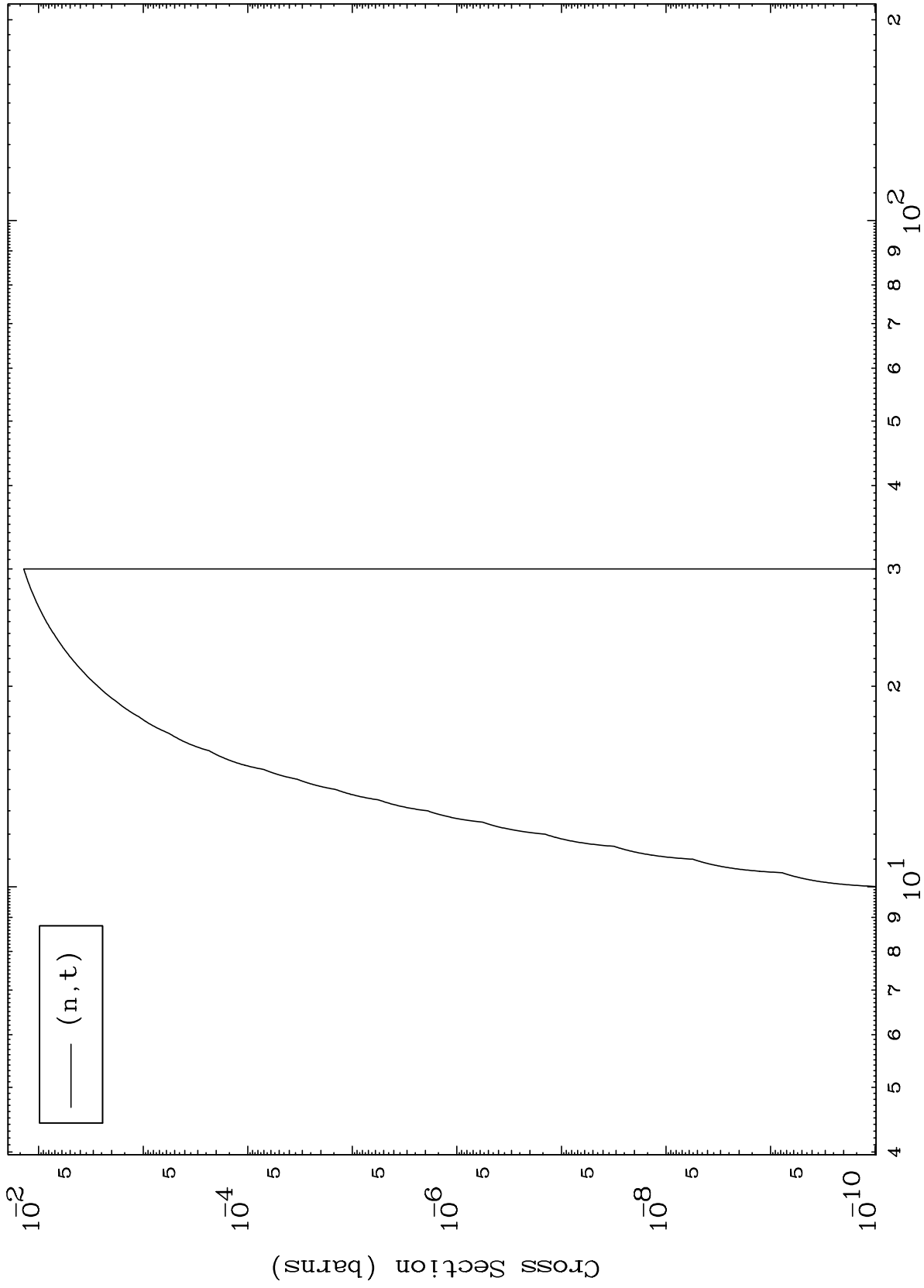
Incident Energy (MeV)

10

MAT 8598

(n,t) Levels  
293 Kelvin Cross Sections

86-Rn-202



11

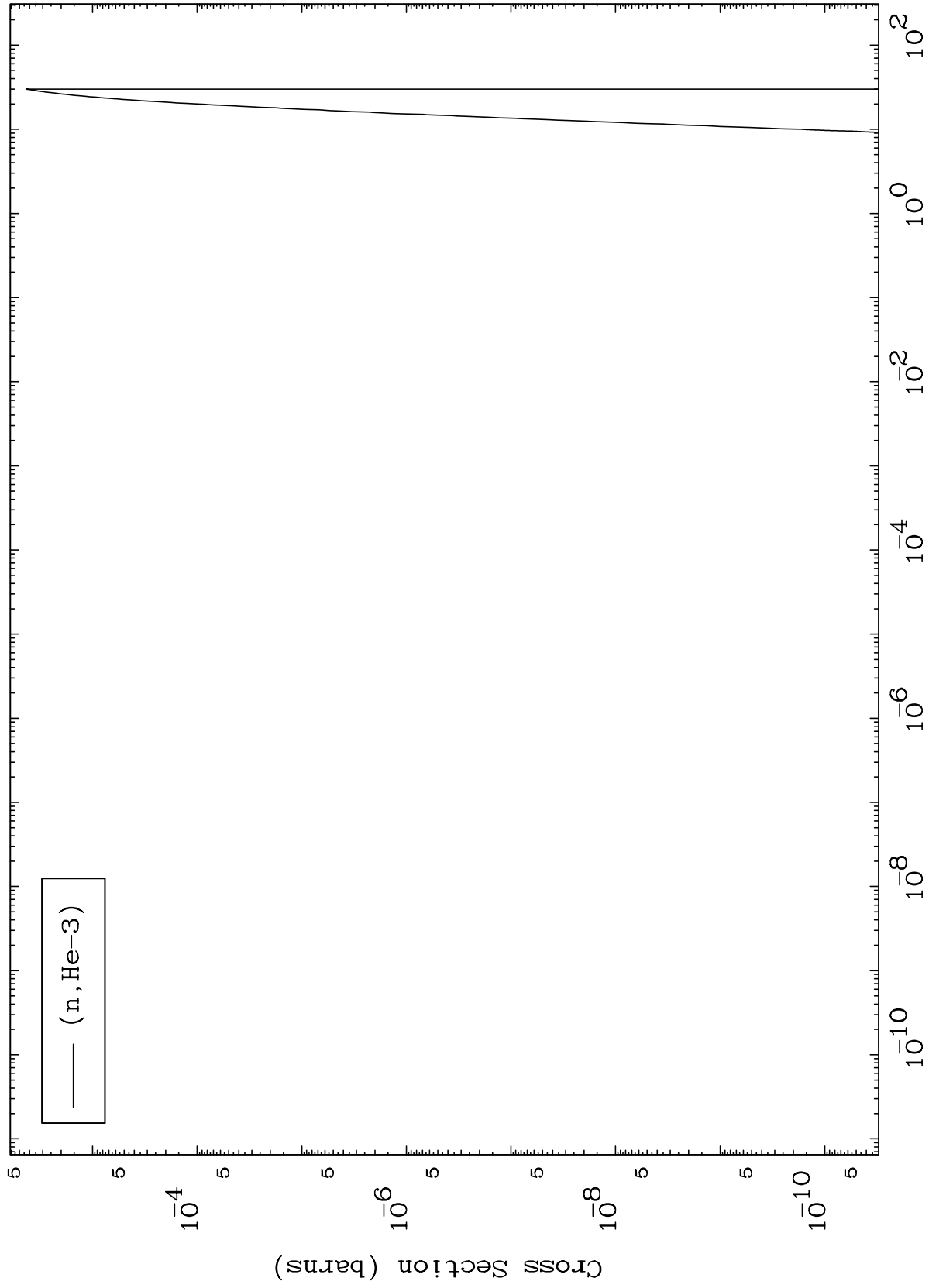
Incident Energy (MeV)

86-Rn-202

MAT 8598

(n,He3) Levels  
293 Kelvin Cross Sections

86-Rn-202



12

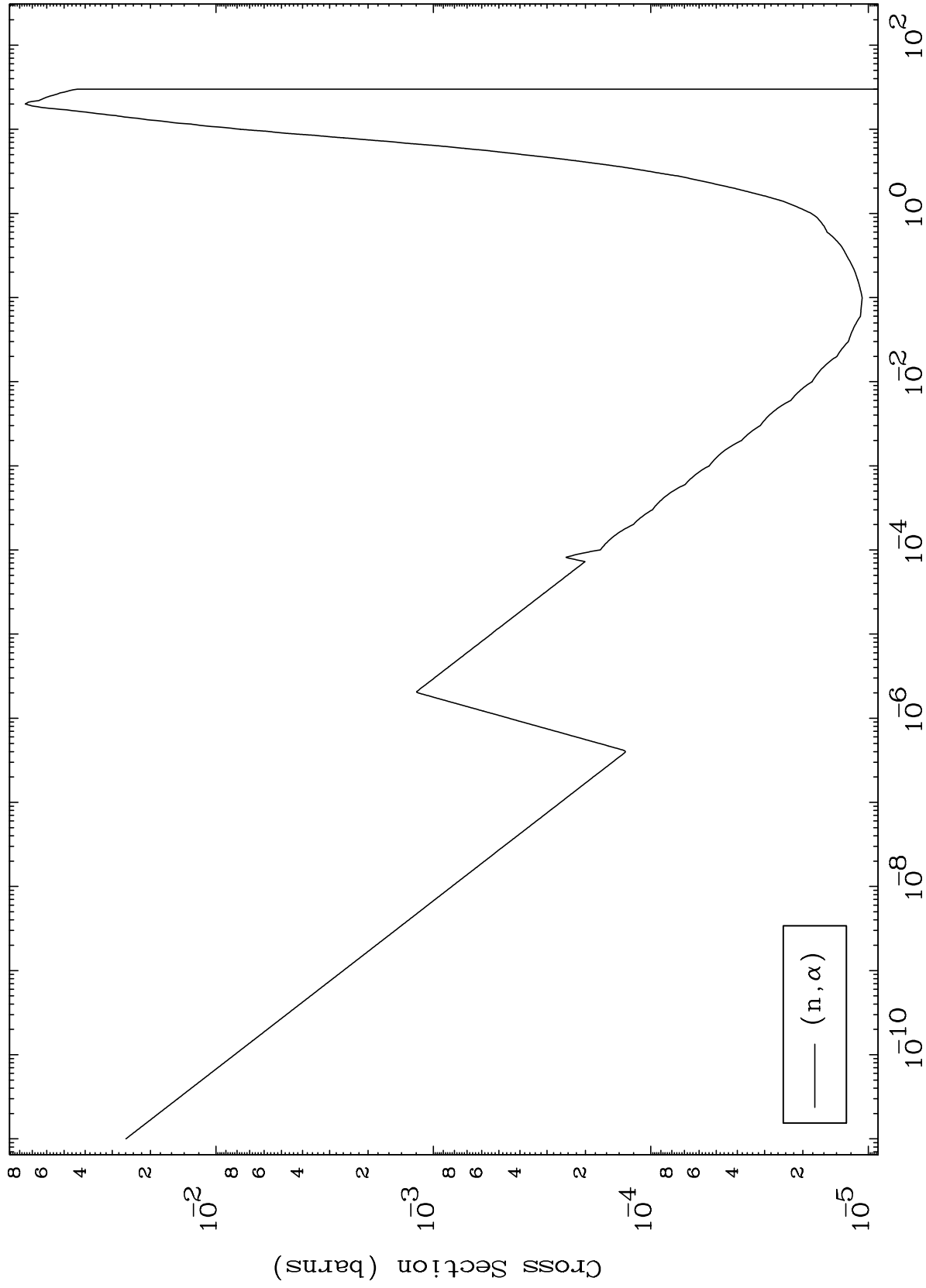
Incident Energy (MeV)

86-Rn-202

MAT 8598

(n,α) Levels  
293 Kelvin Cross Sections

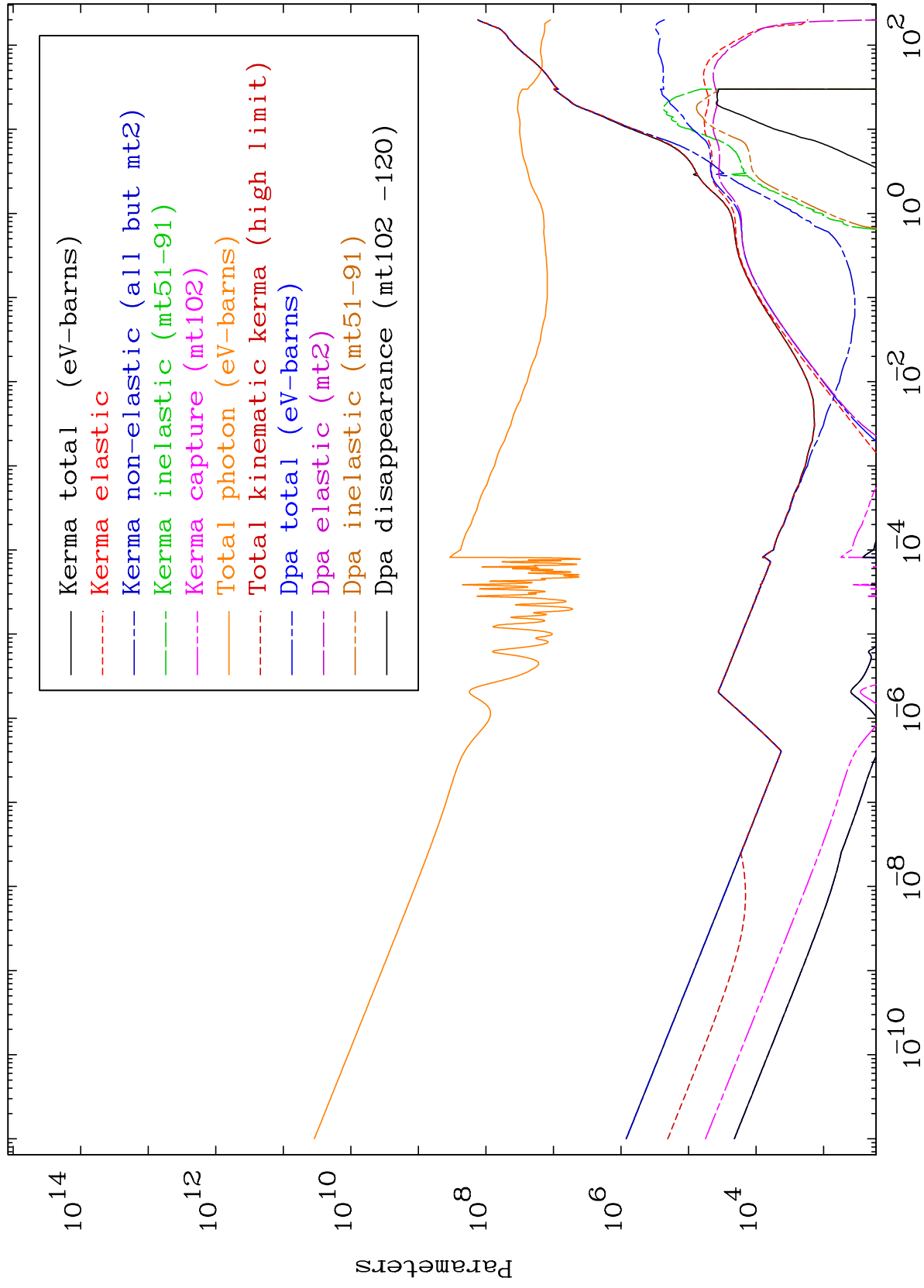
86-Rn-202



13

Incident Energy (MeV)

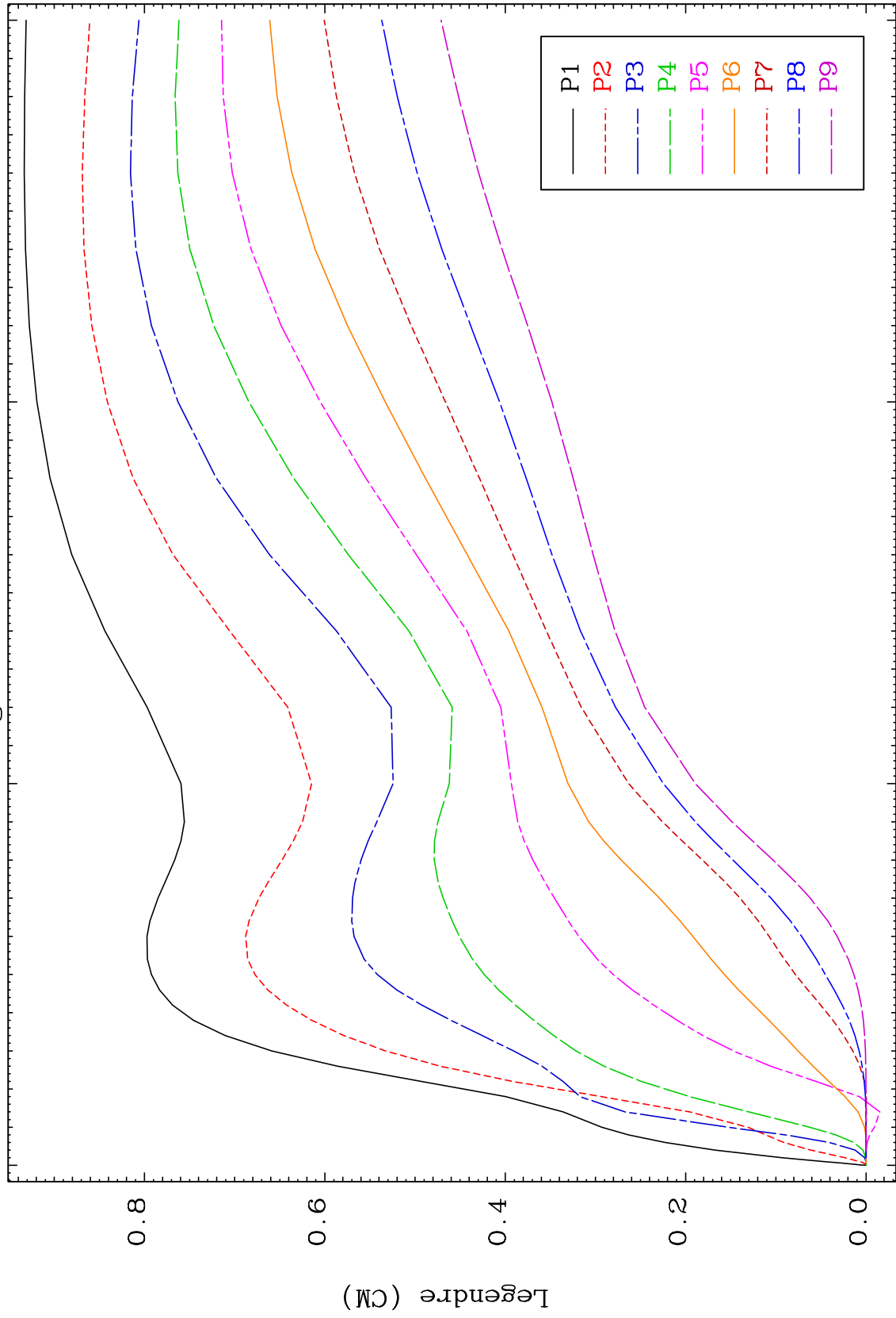
86-Rn-202



MAT 8598

Elastic Legendre Coefficients

86-Rn-202



15

Incident Energy (MeV)

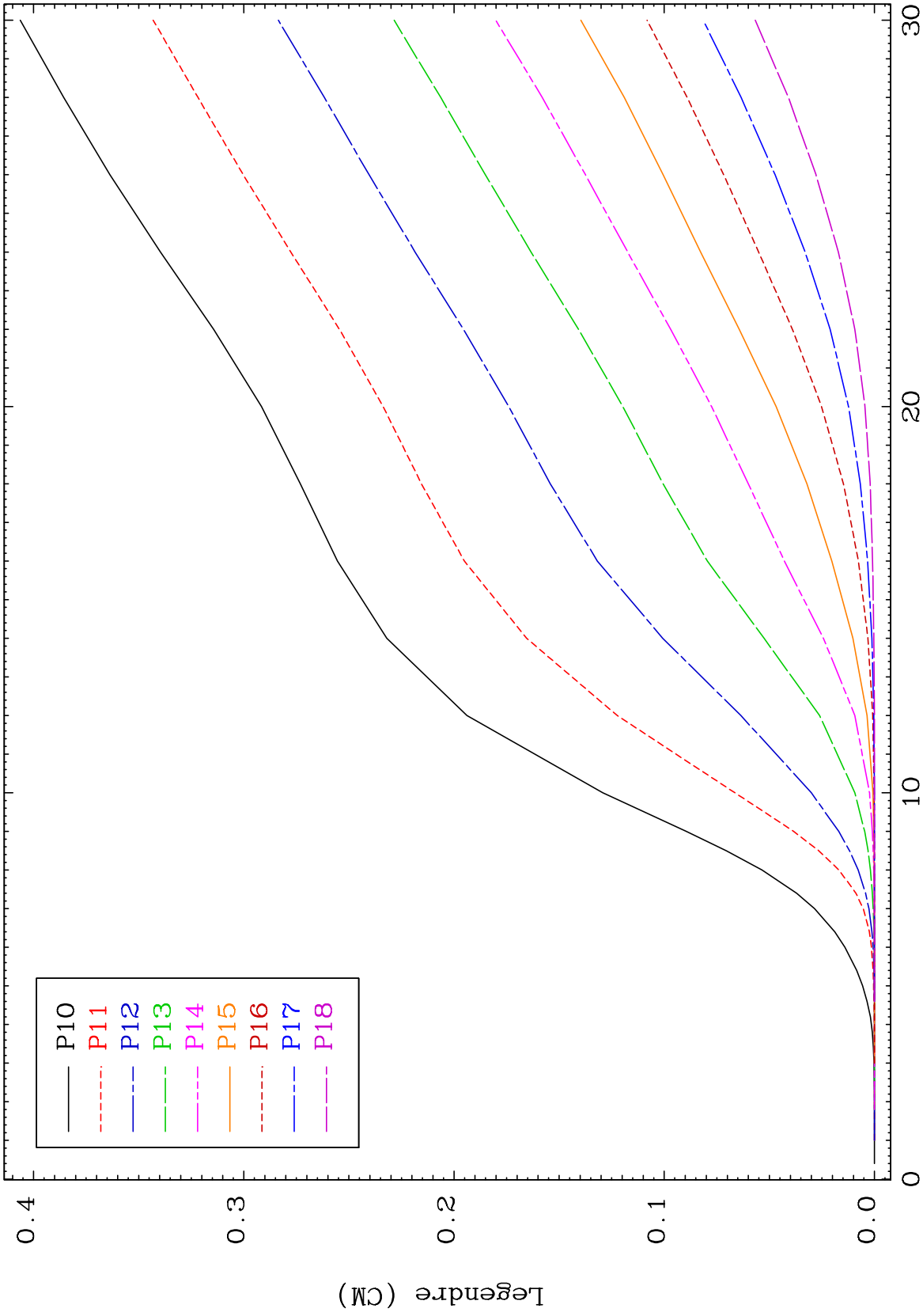
86-Rn-202



MAT 8598

Elastic Legendre Coefficients

86-Rn-202



16

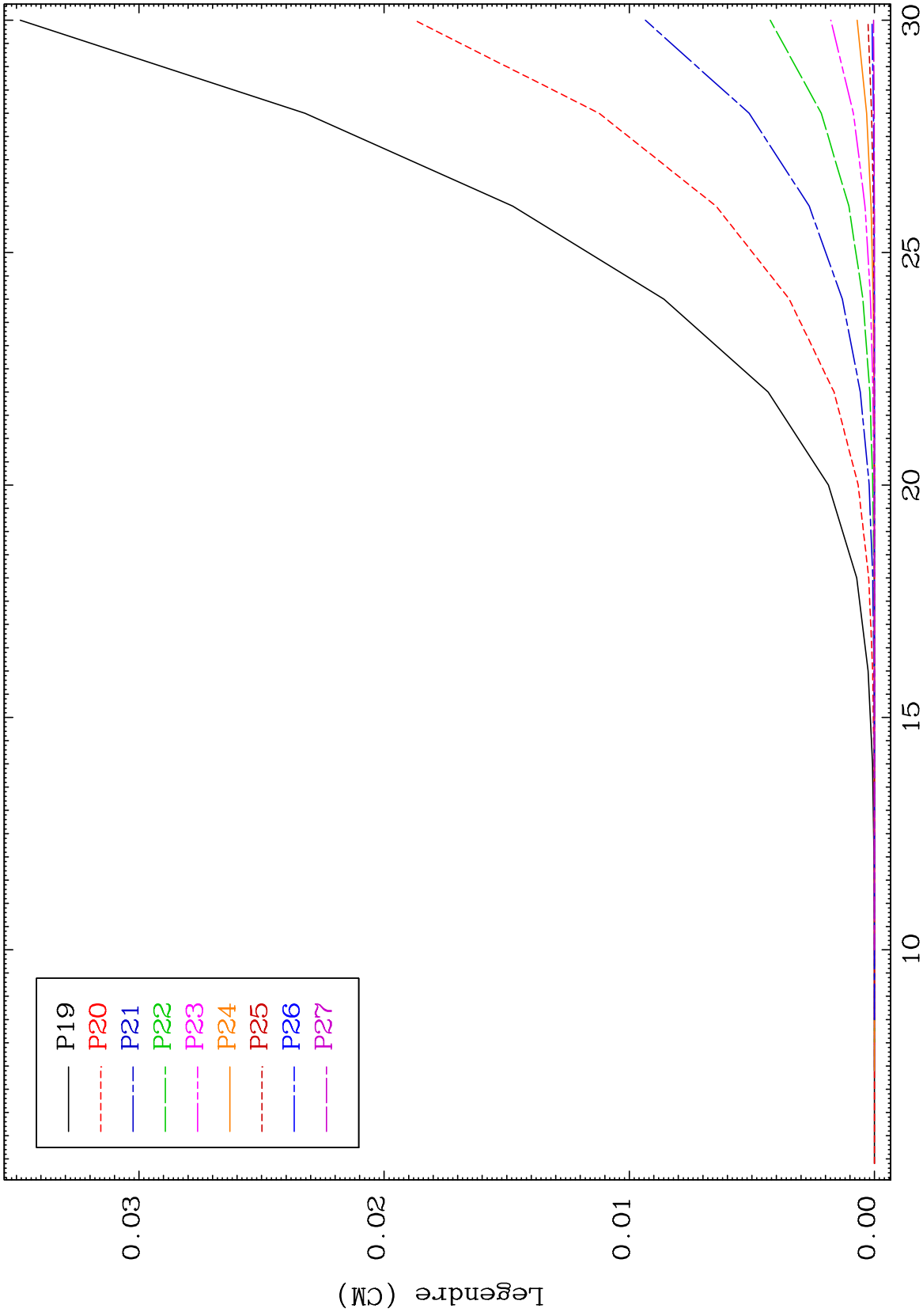
Incident Energy (MeV)

86-Rn-202

MAT 8598

### Elastic Legendre Coefficients

86-Rn-202



17

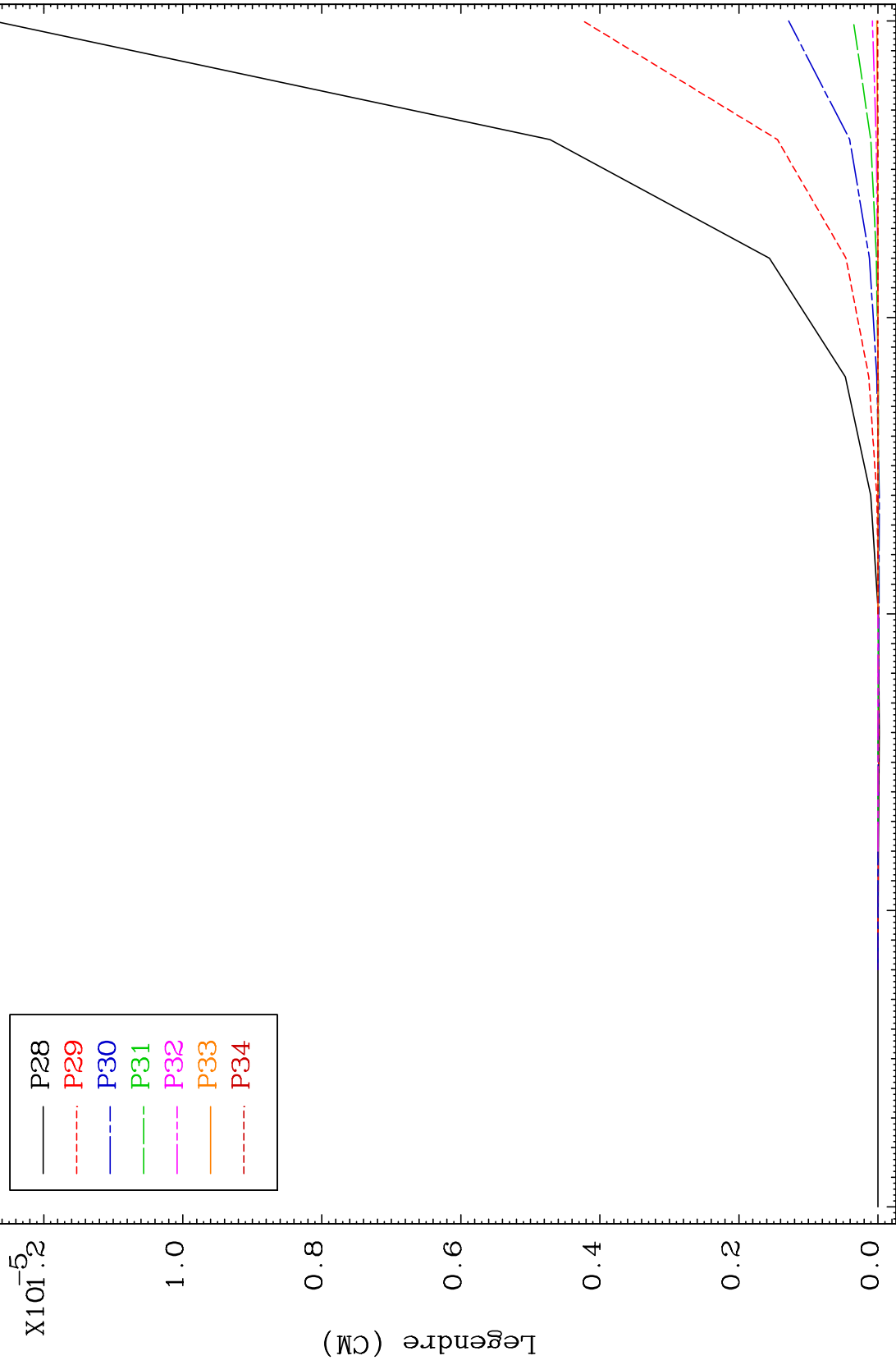
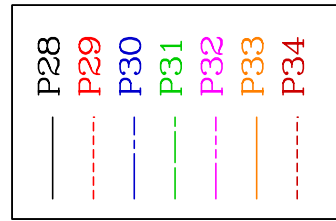
Incident Energy (MeV)

86-Rn-202

MAT 8598

Elastic Legendre Coefficients

86-Rn-202



18

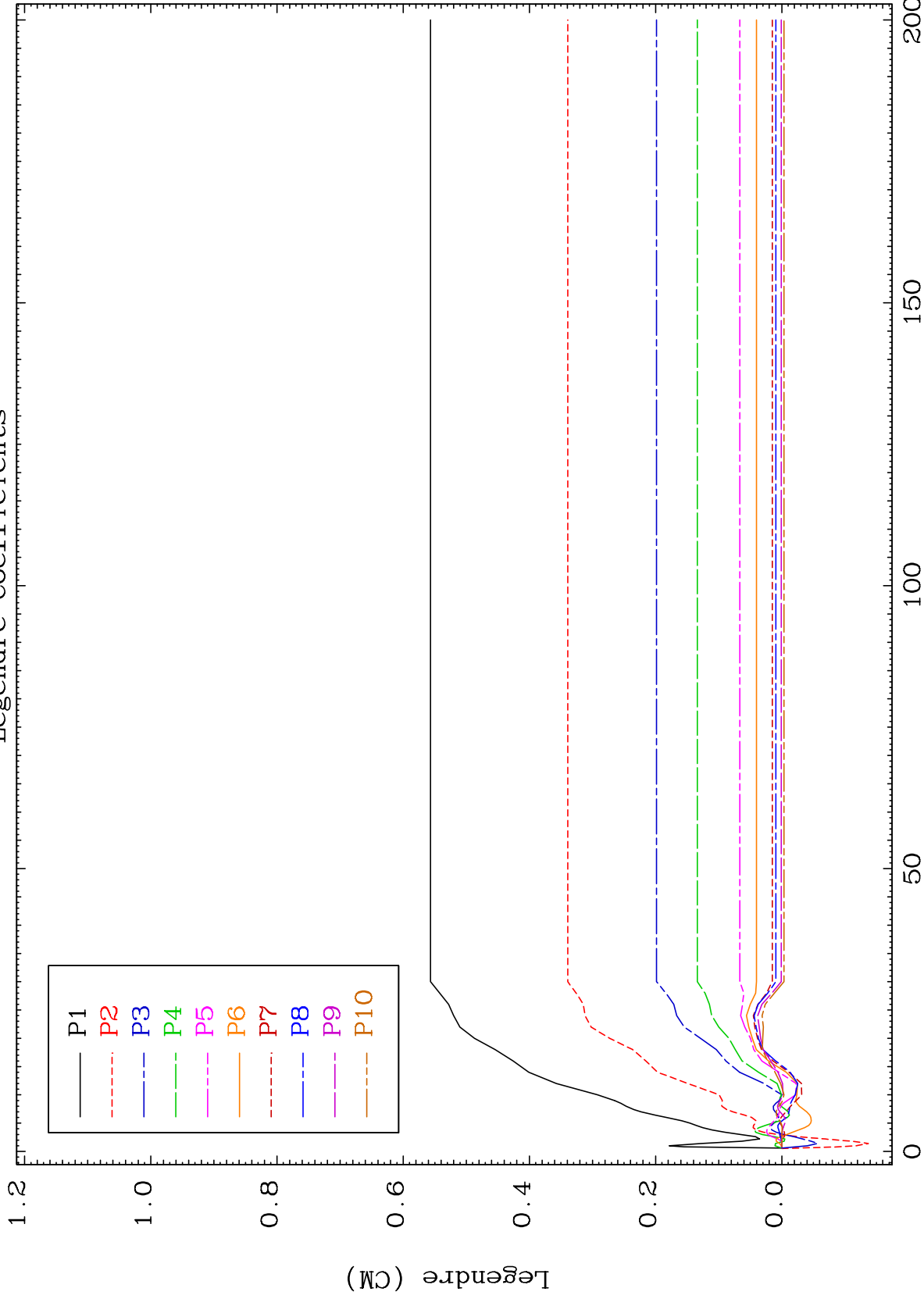
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



19

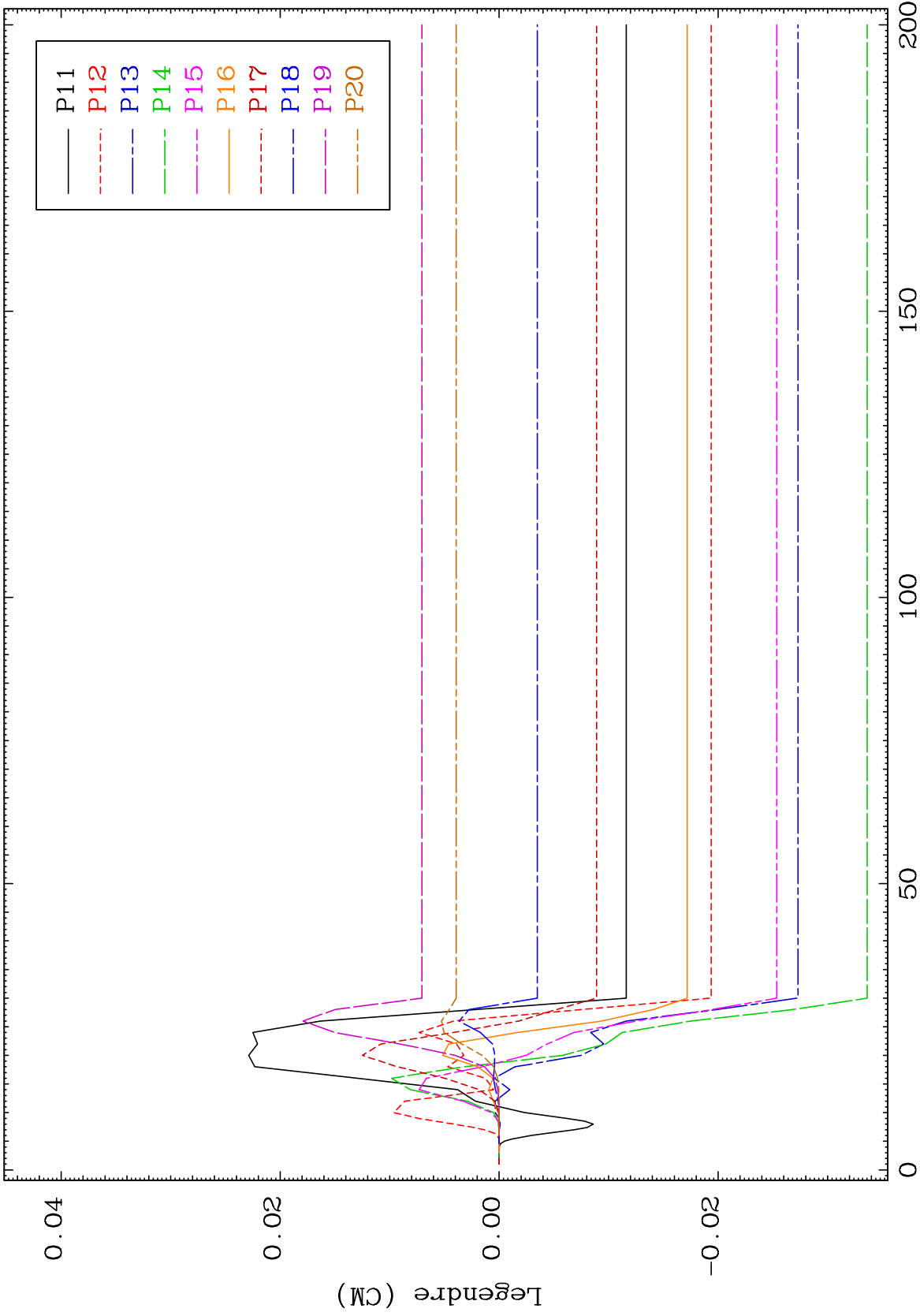
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



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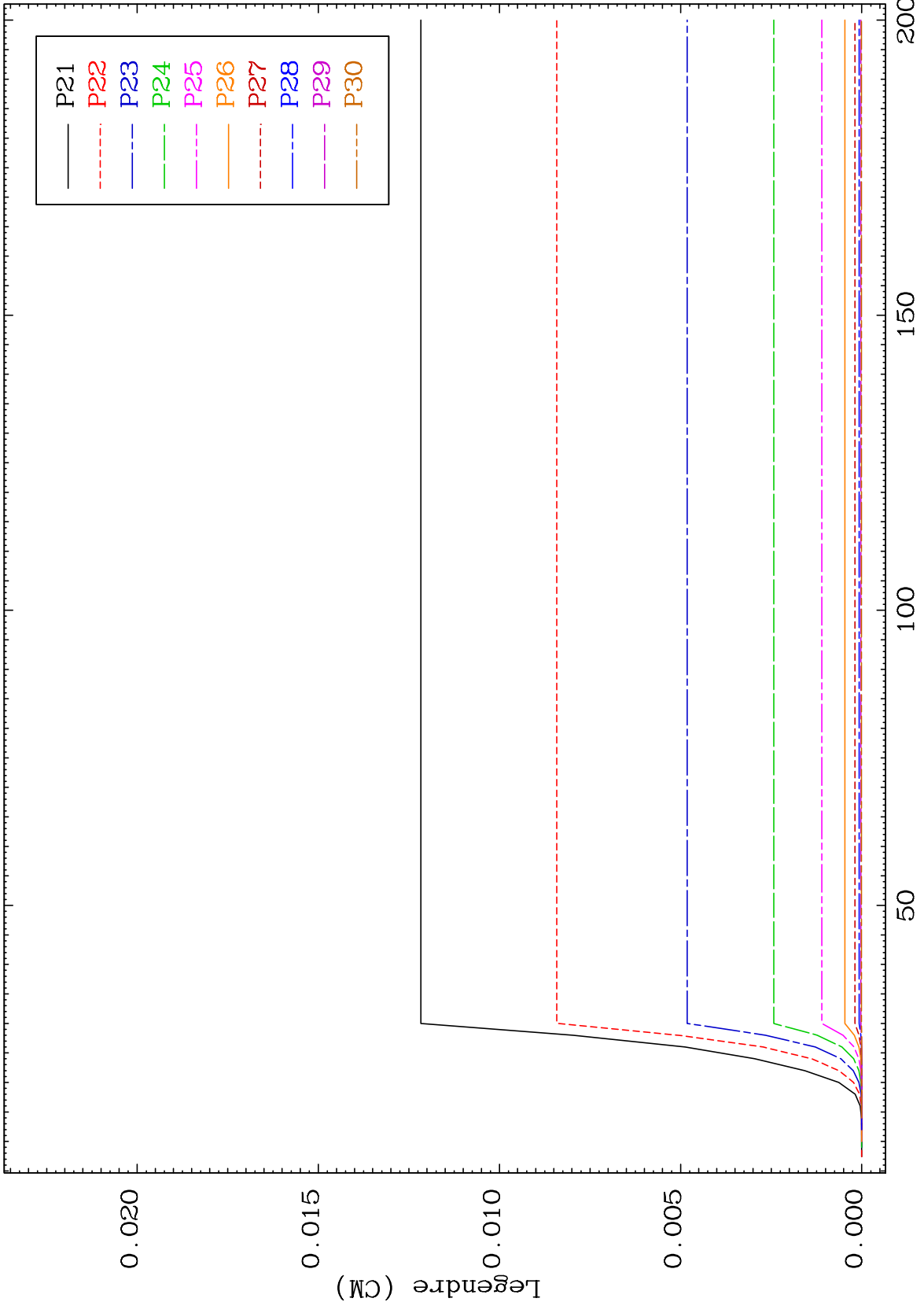
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



21

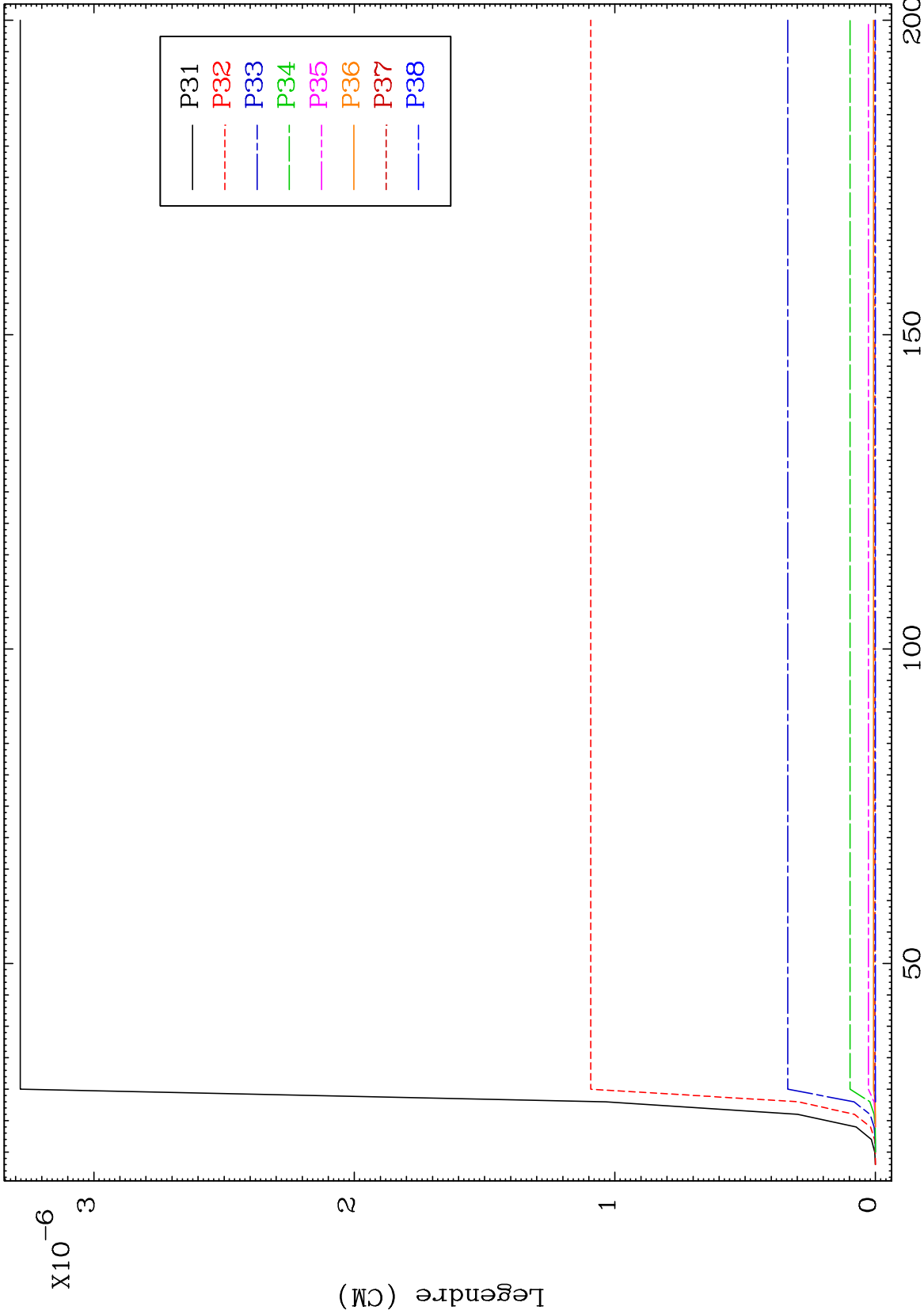
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



22

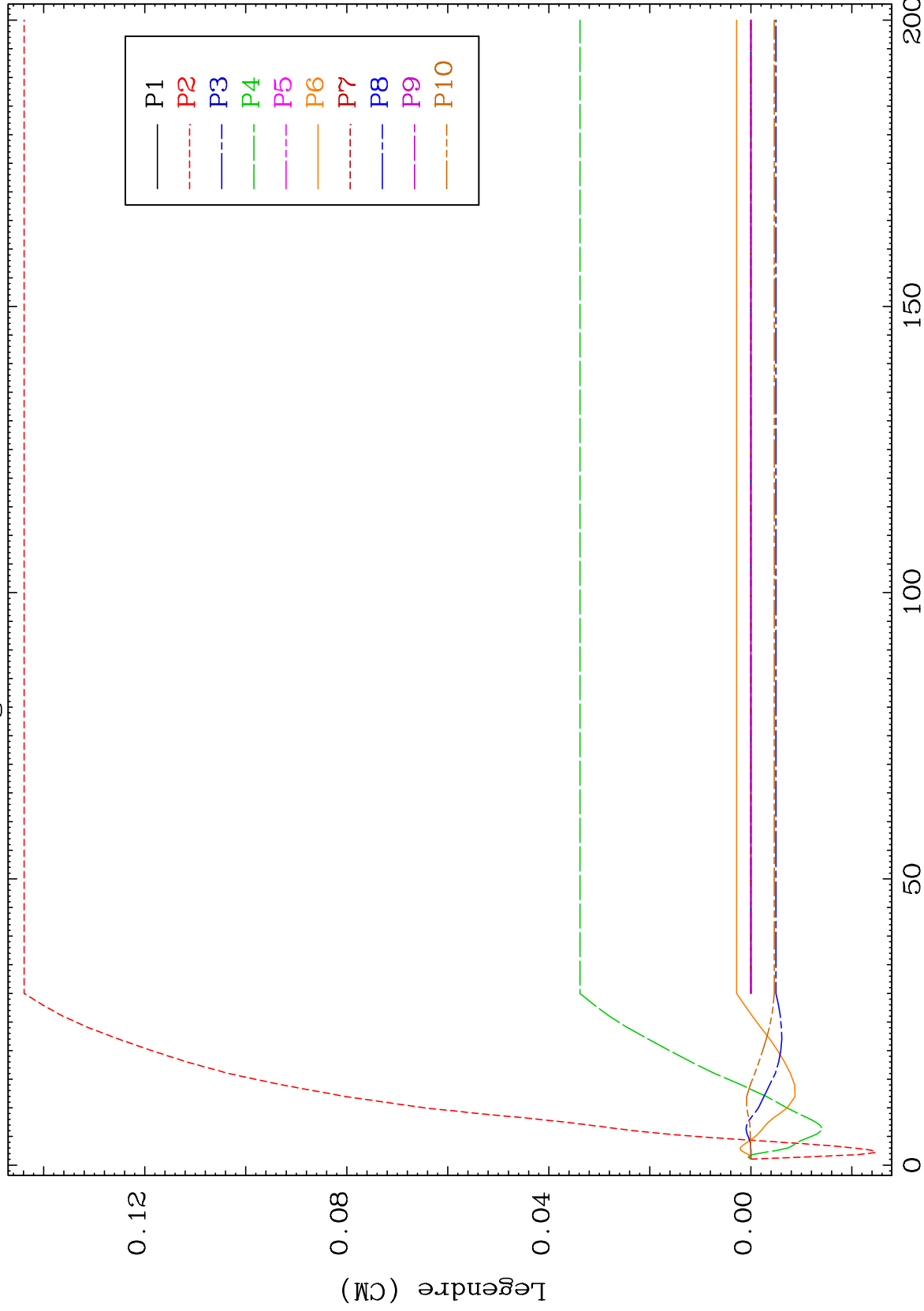
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



23

Incident Energy (MeV)

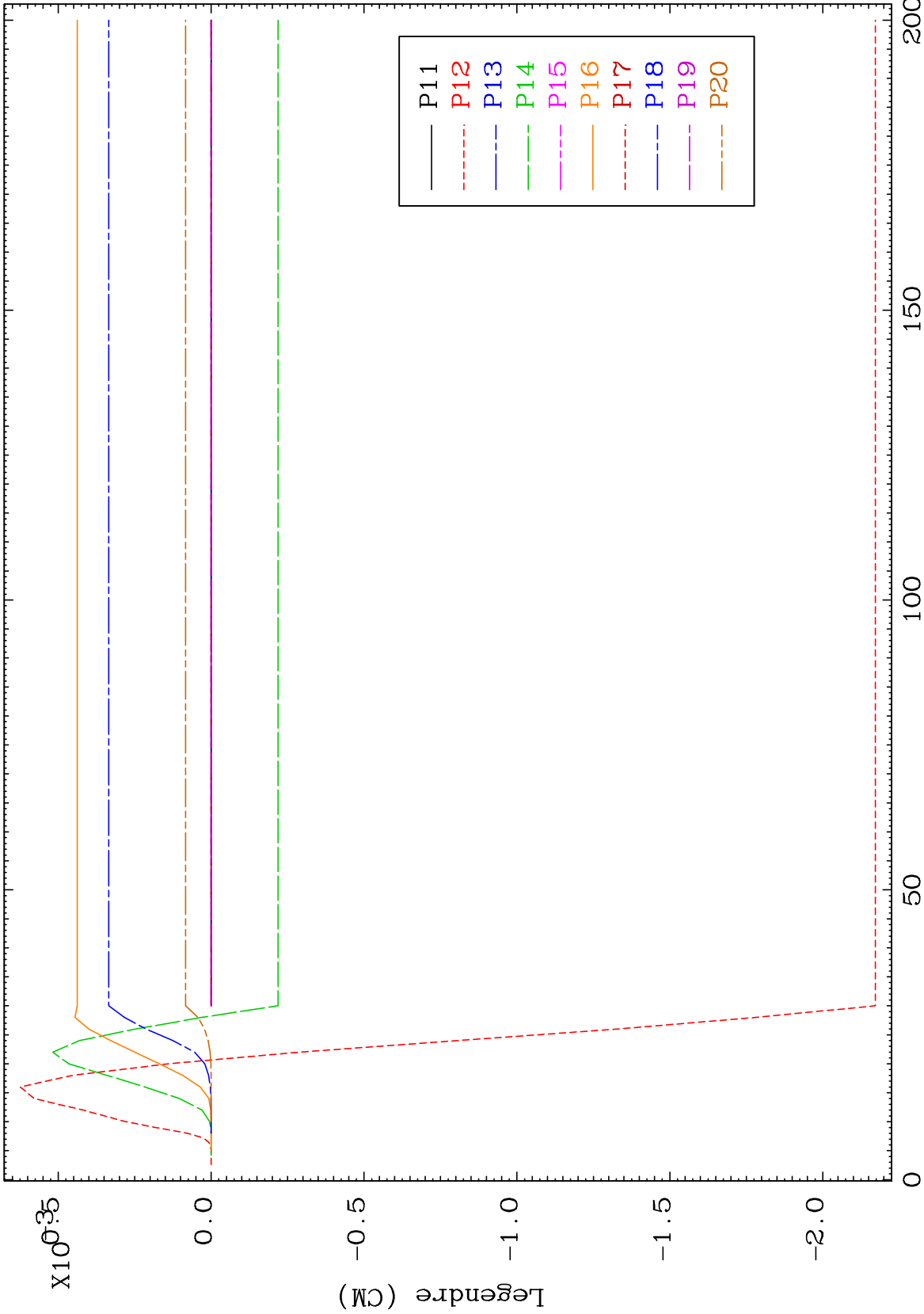
86-Rn-202



MAT 8598

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

86-Rn-202

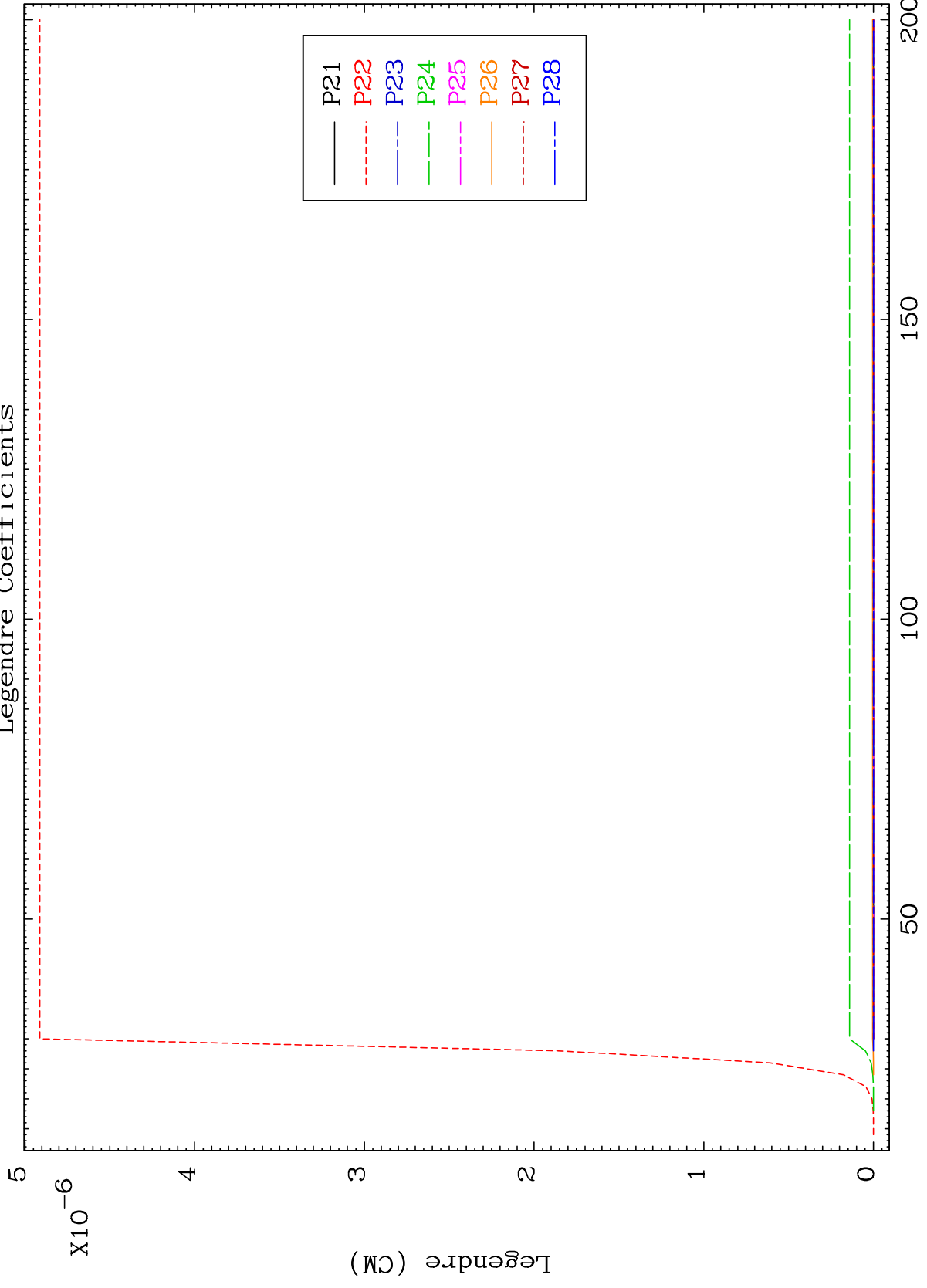


24

Incident Energy (MeV)

86-Rn-202

MAT 8598 MT= 52 (n,n') Level Legendre Coefficients 86-Rn-202

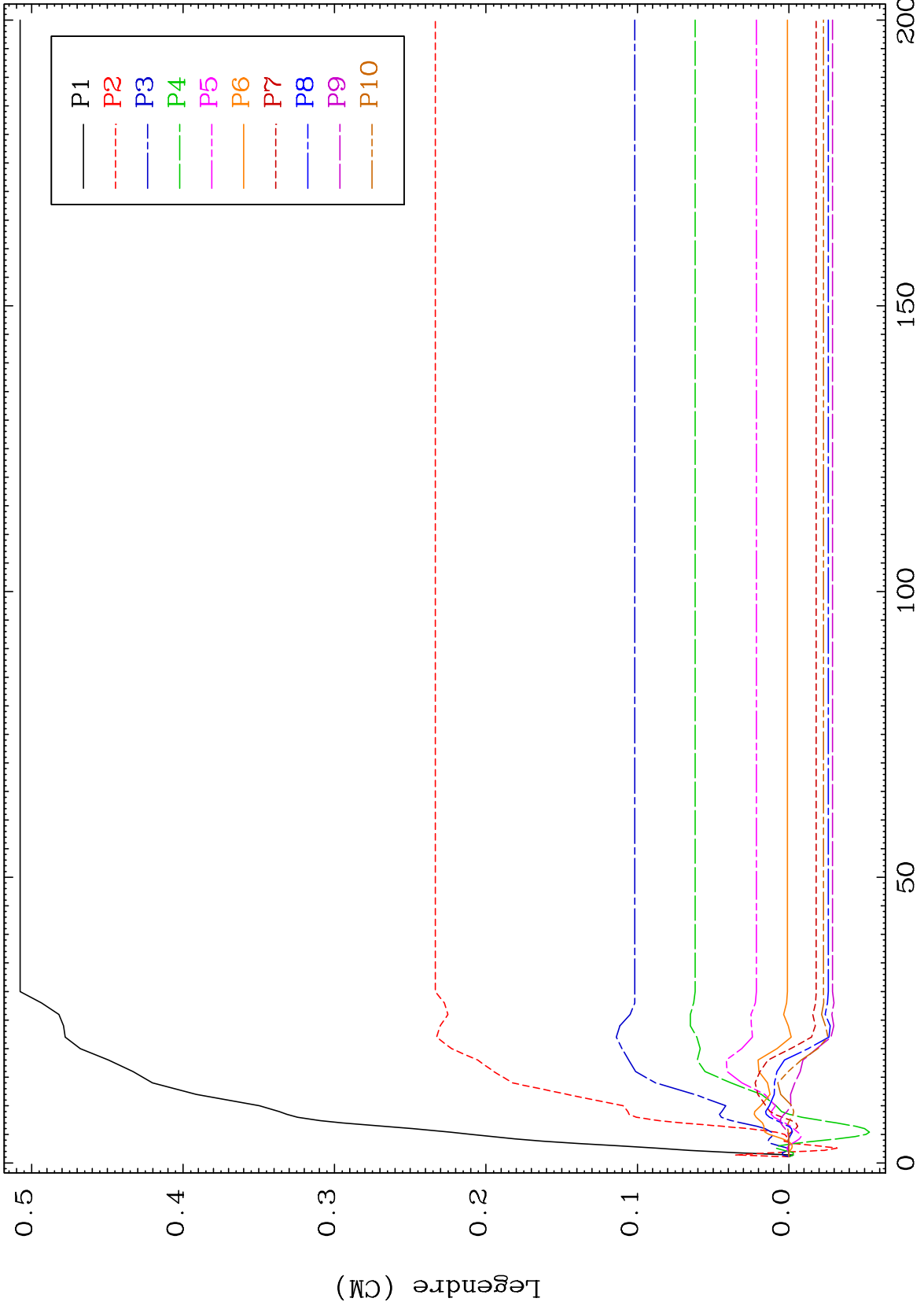


25 50 100 150 202 Incident Energy (MeV) 86-Rn-202

MAT 8598

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

86-Rn-202



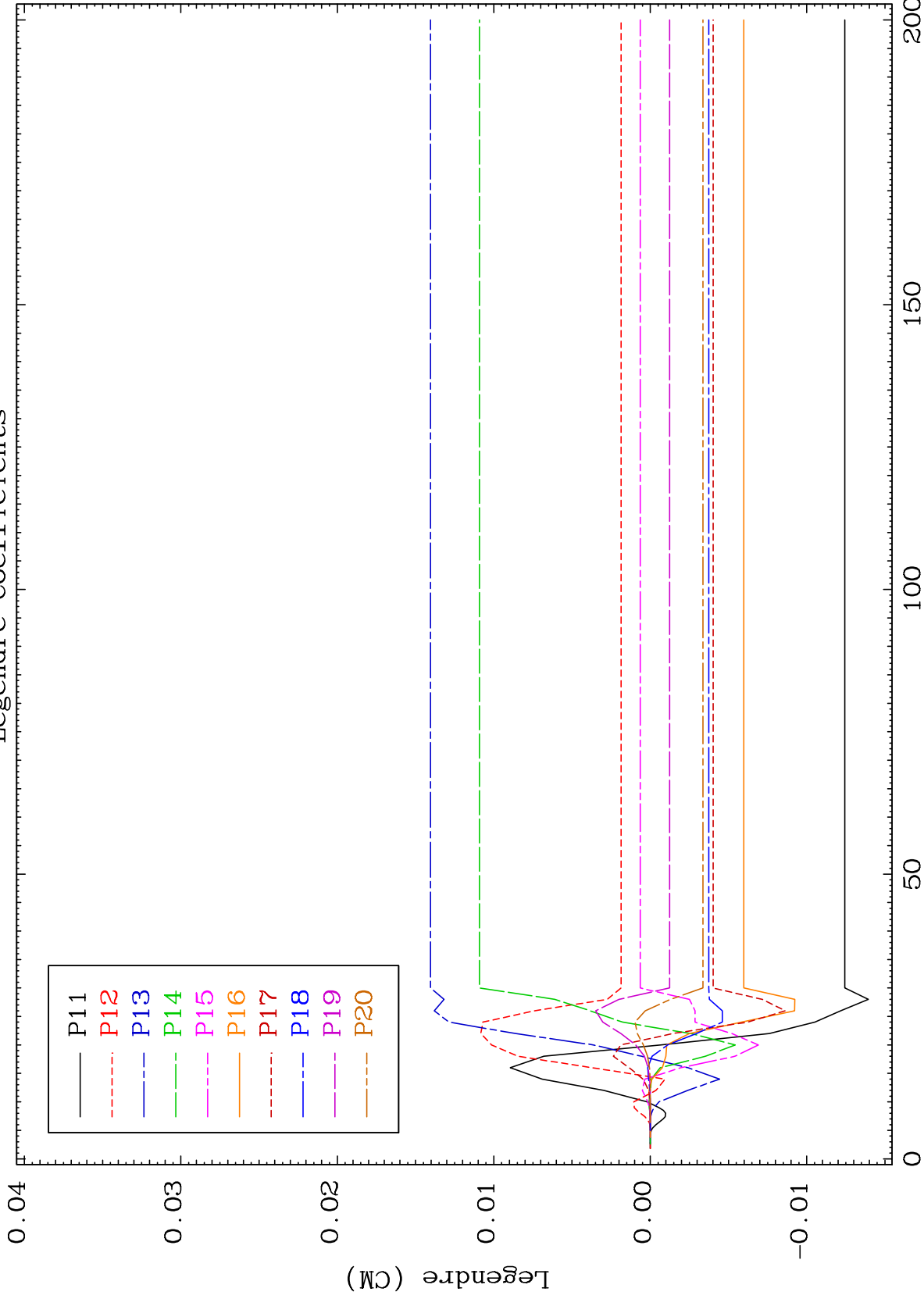
26

86-Rn-202

MAT 8598

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

86-Rn-202



27

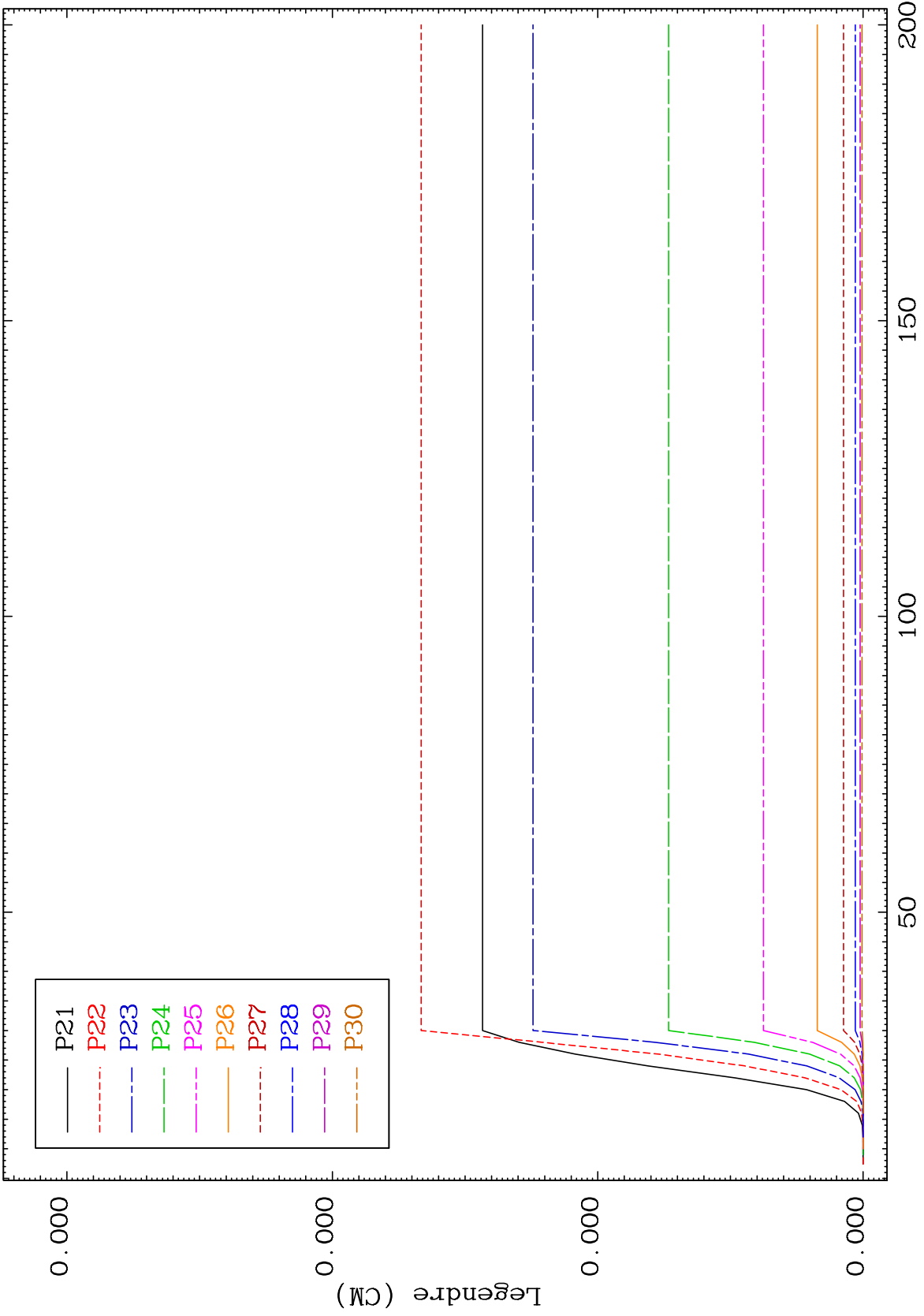
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



28

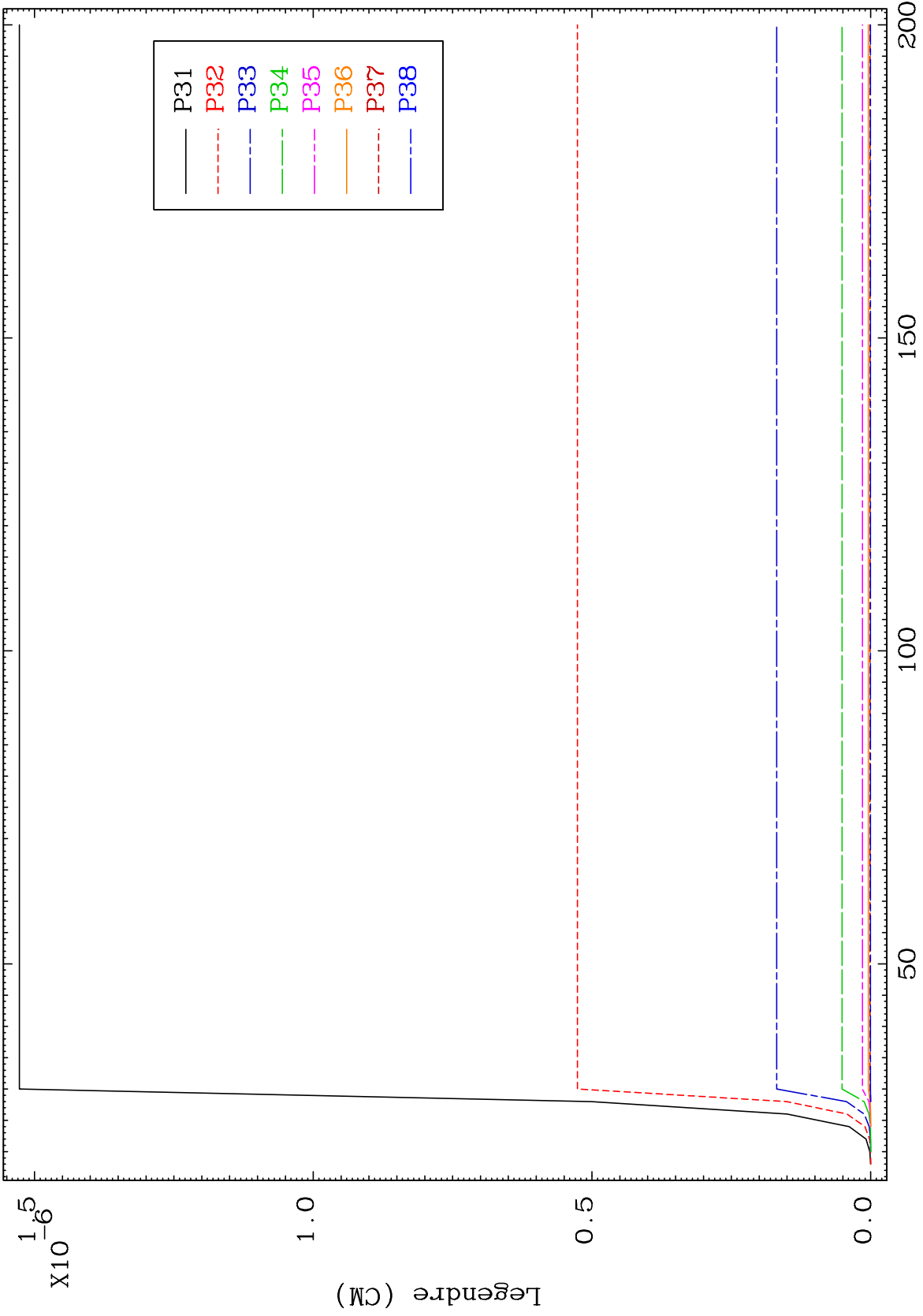
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



29

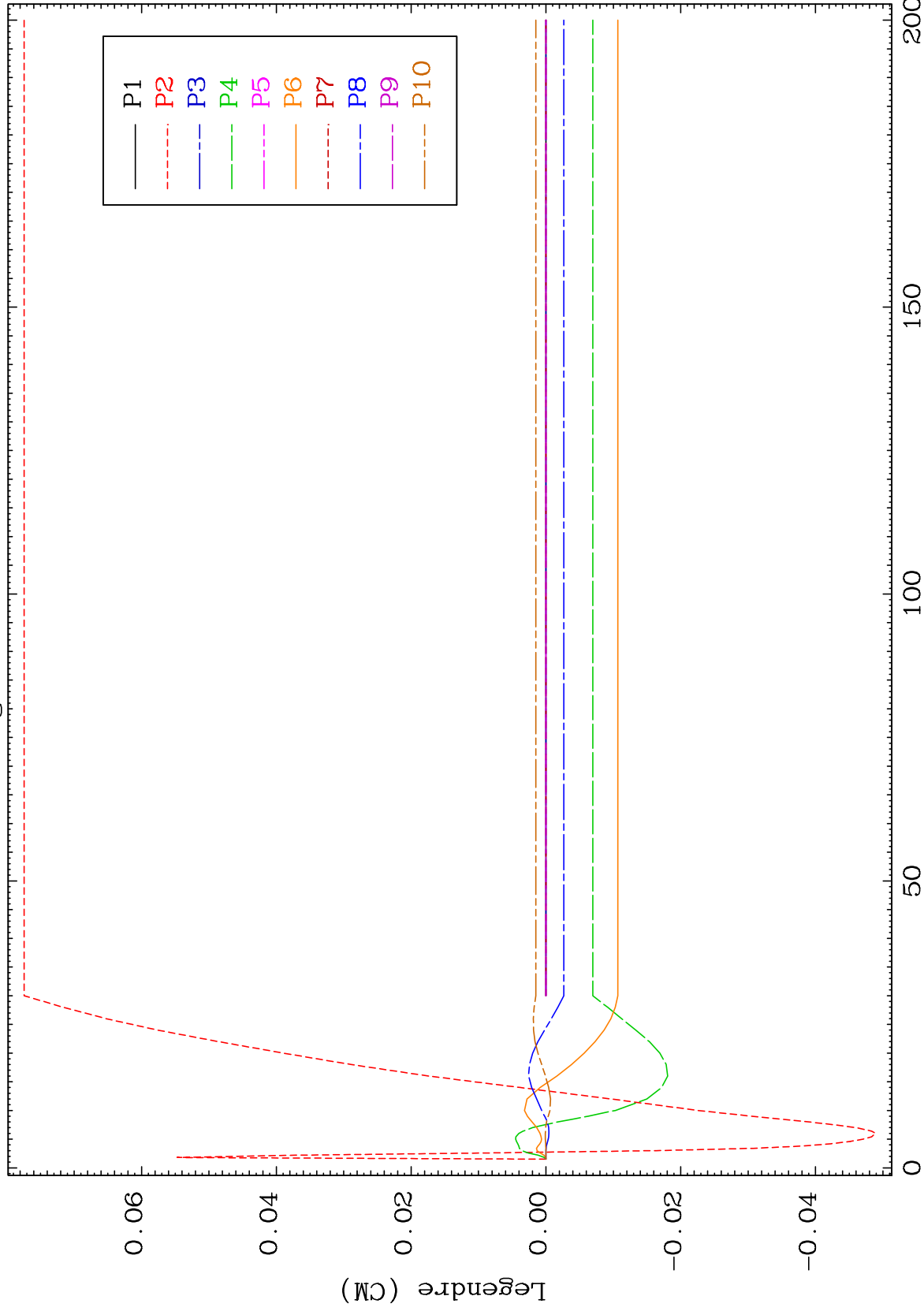
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



86-Rn-202

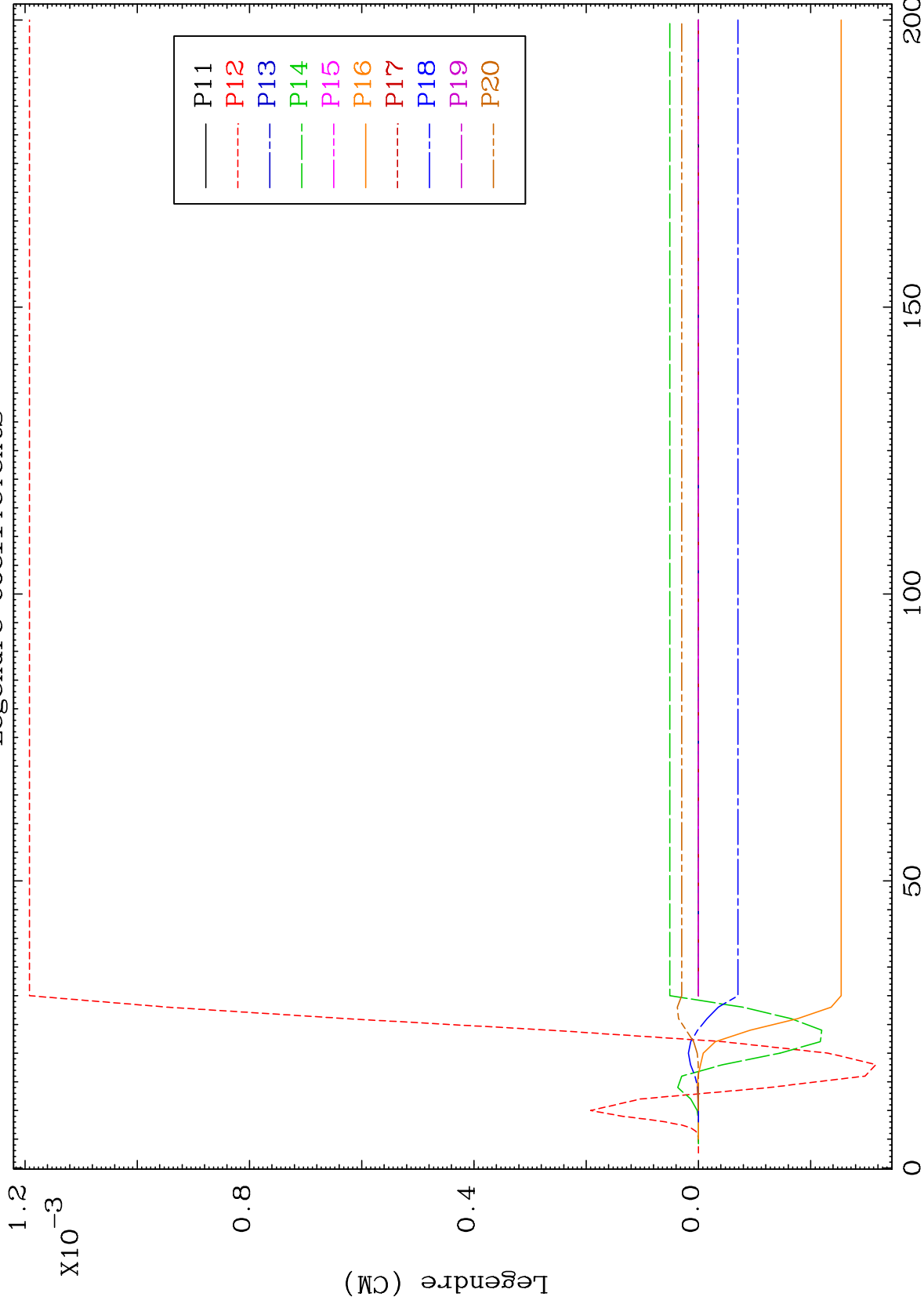
Incident Energy (MeV)

30

MAT 8598

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

86-Rn-202



31

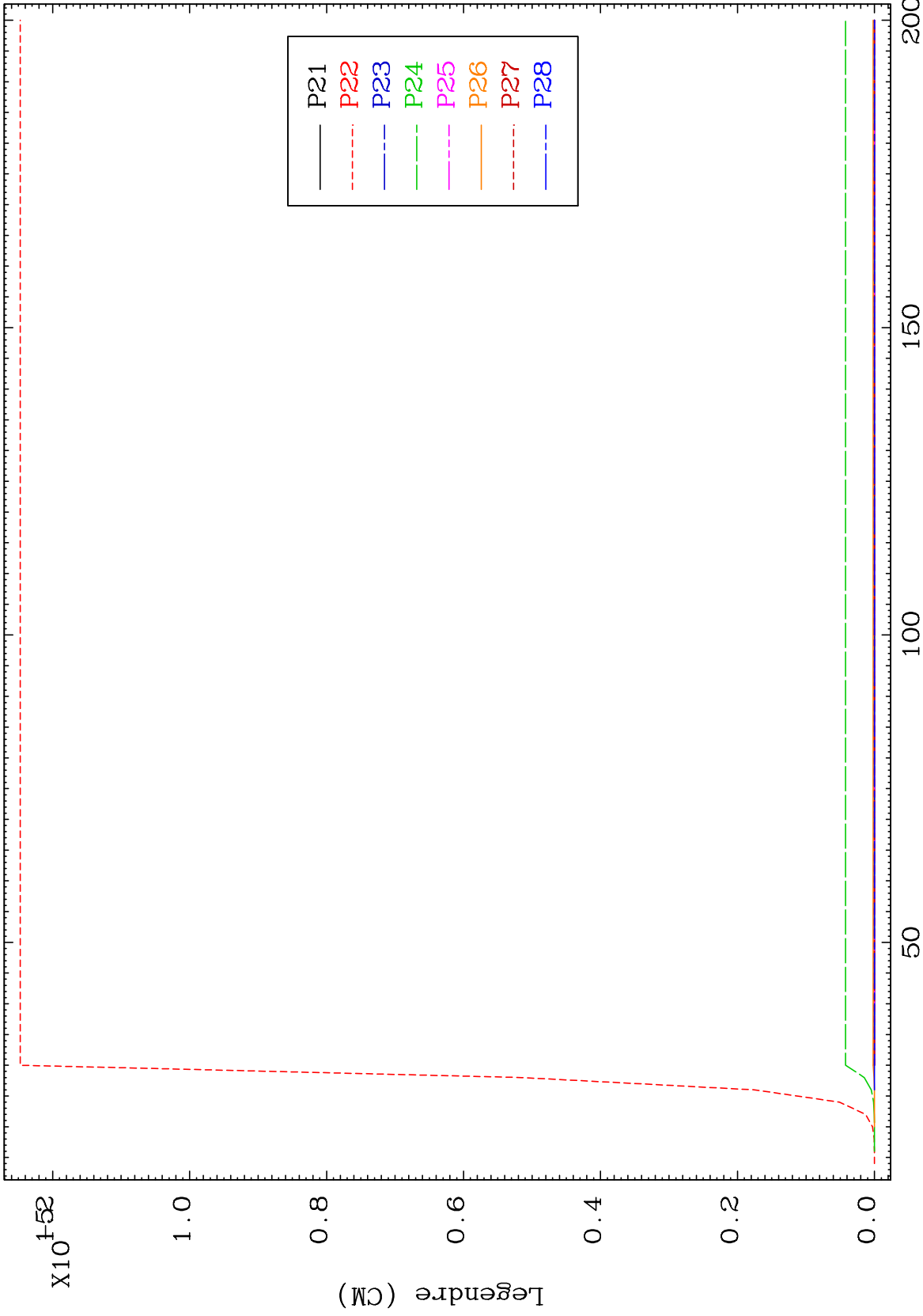
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MAT 8598

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

86-Rn-202



32

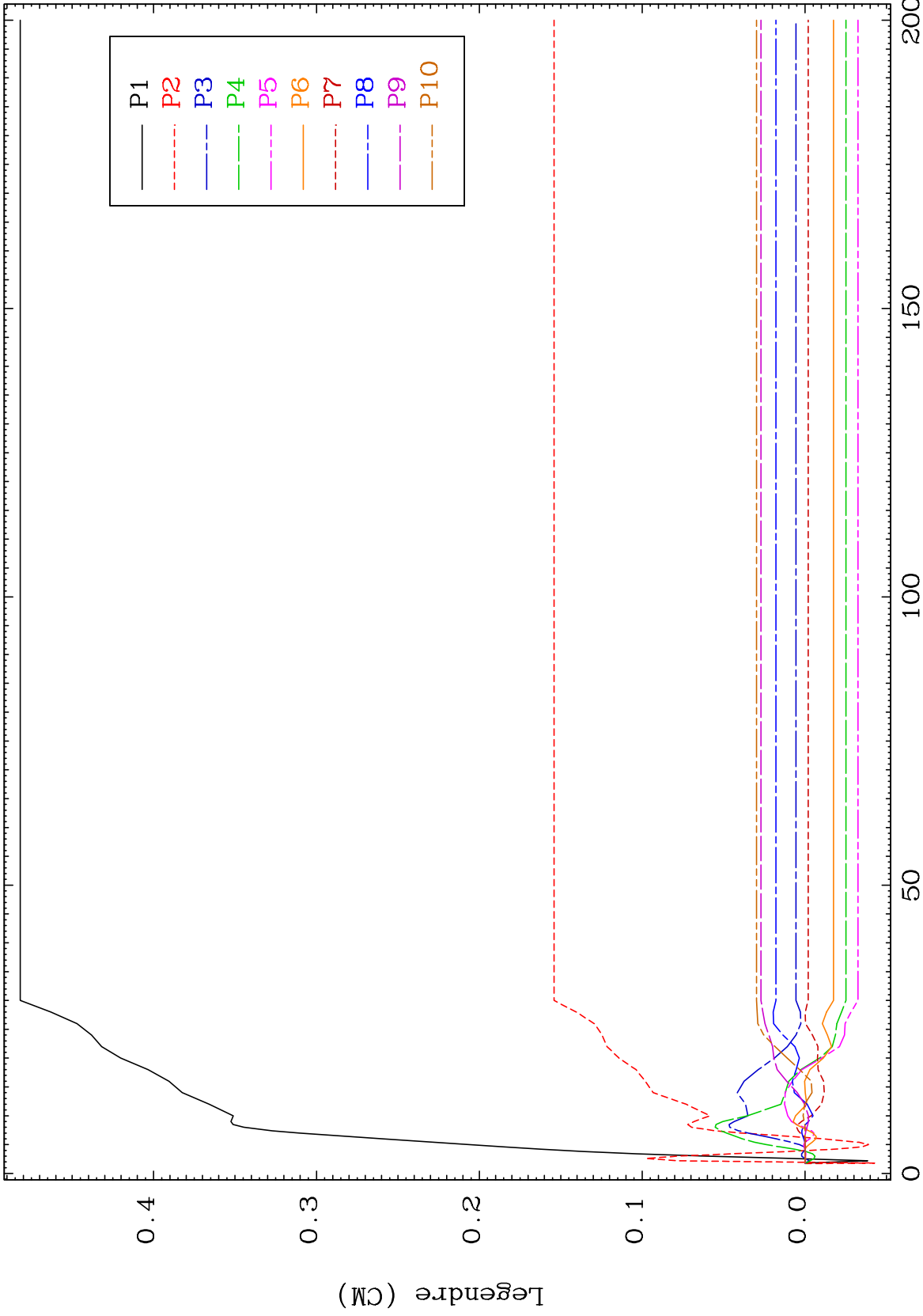
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



33

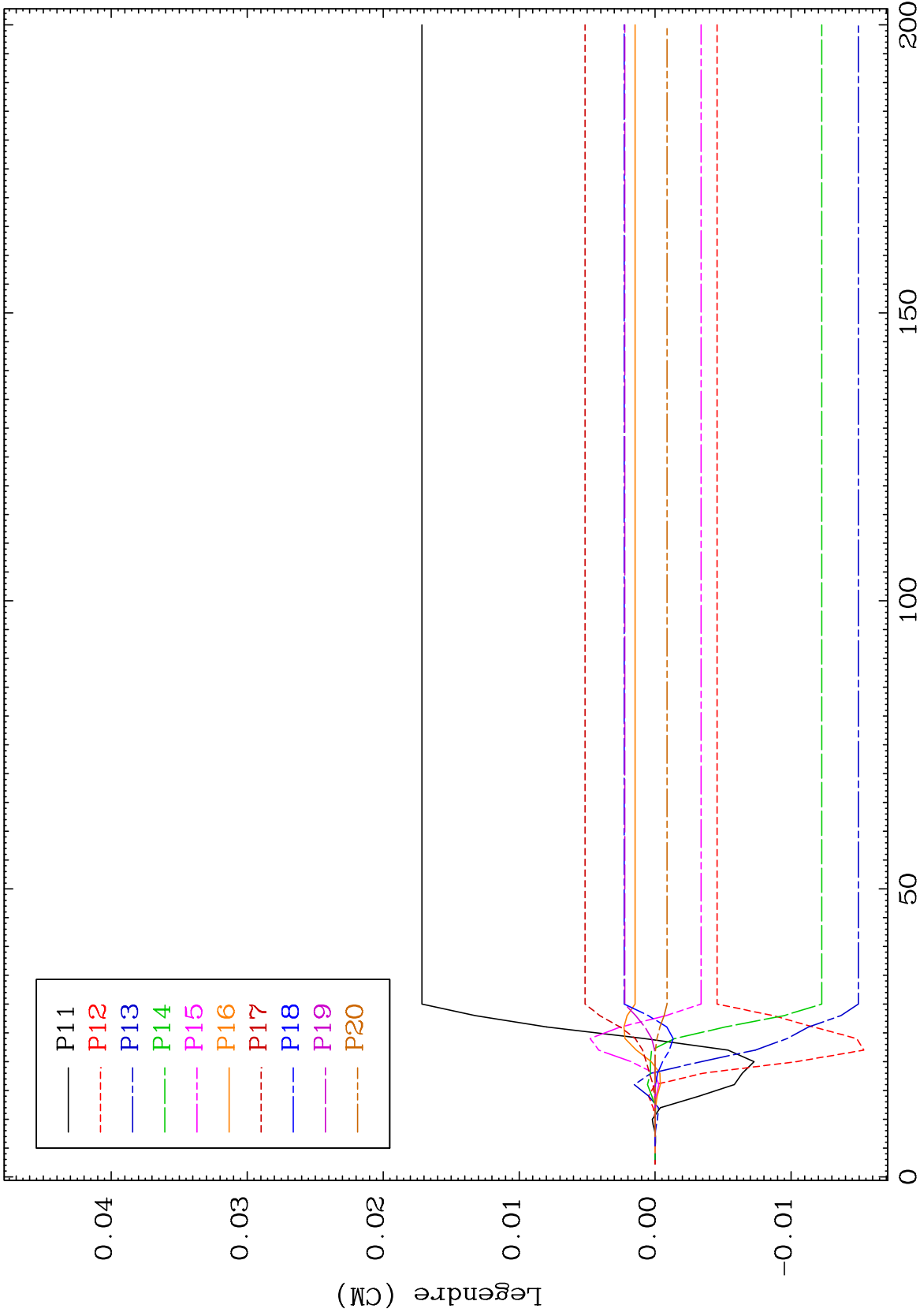
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



34

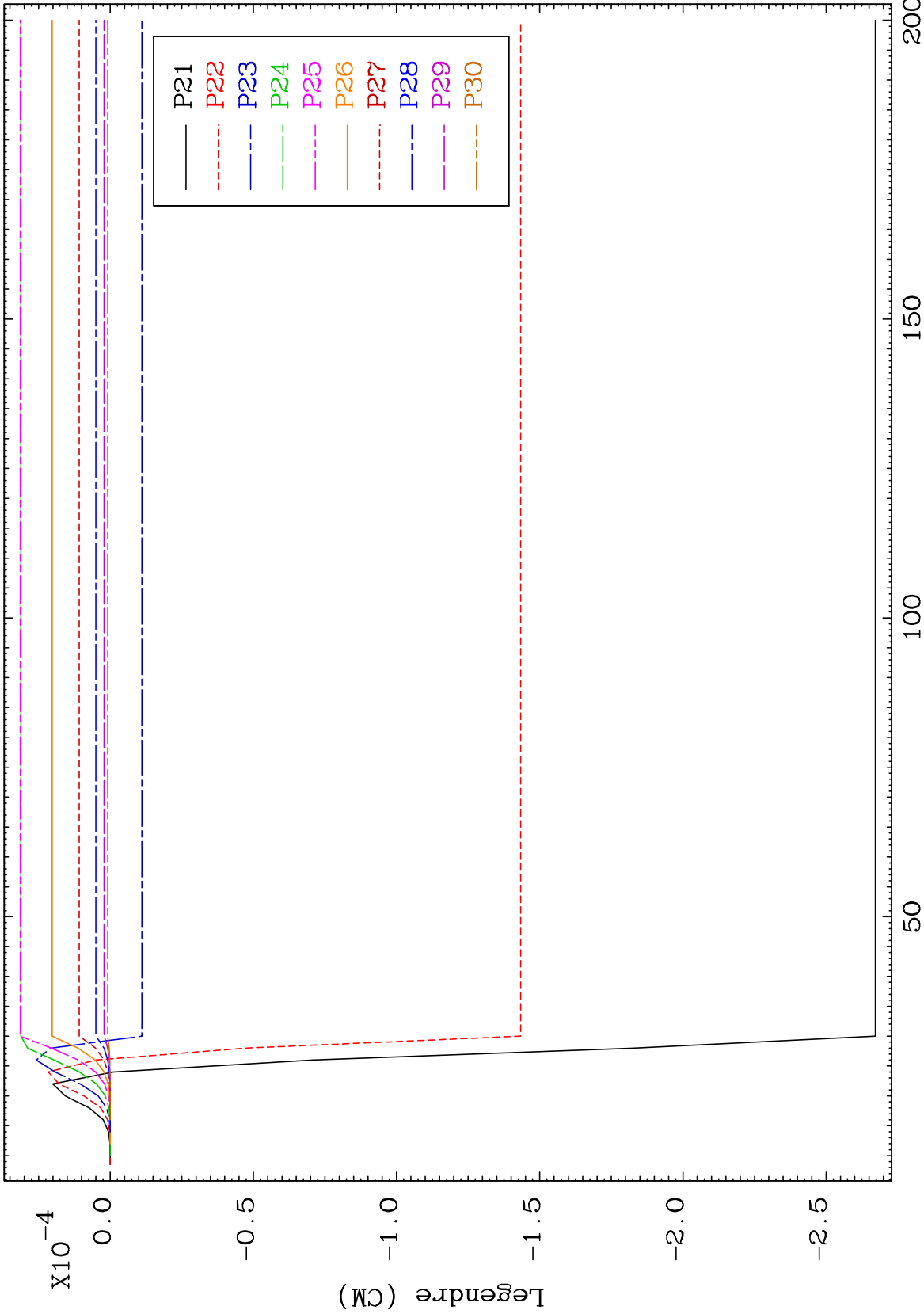
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



35

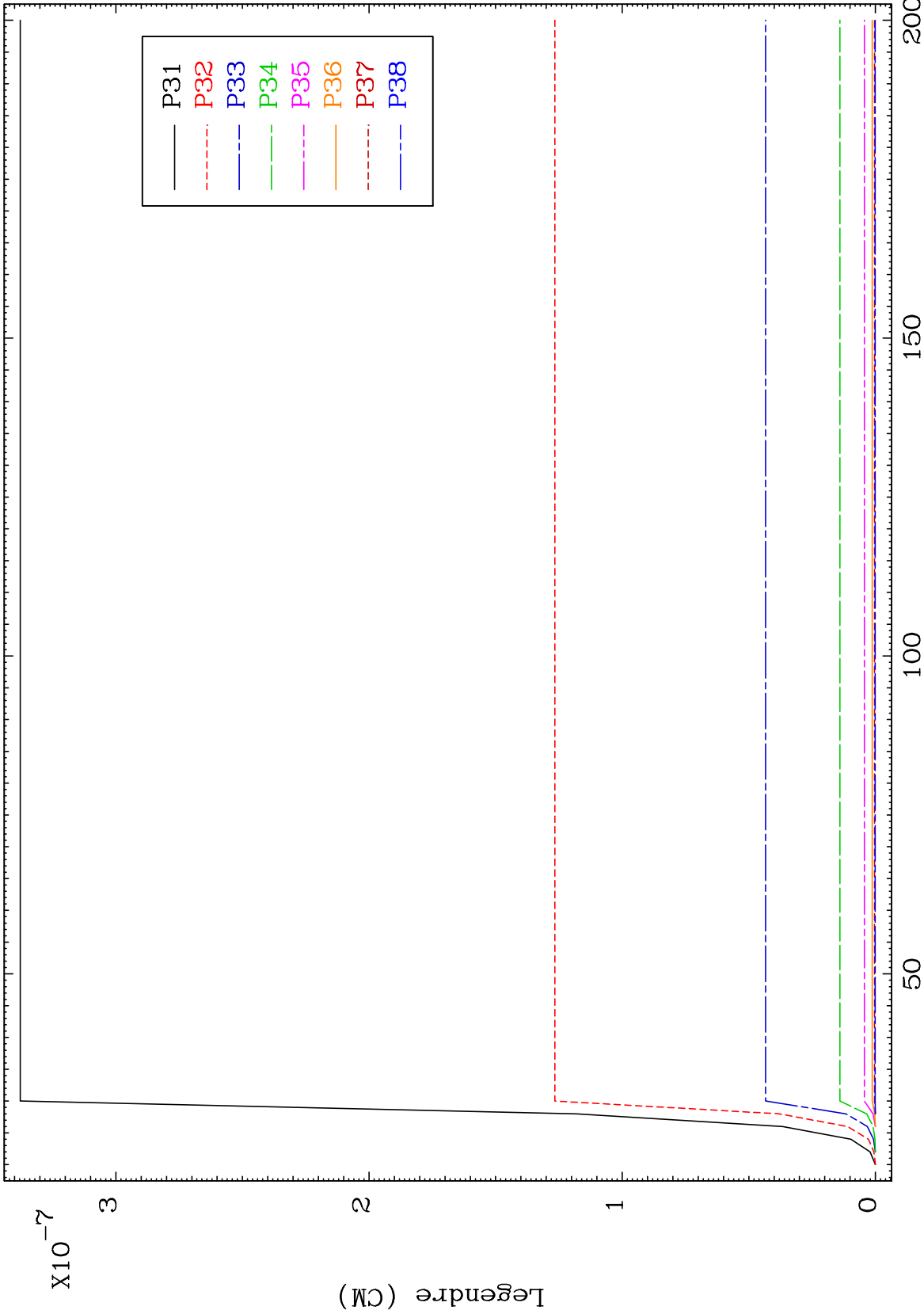
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



36

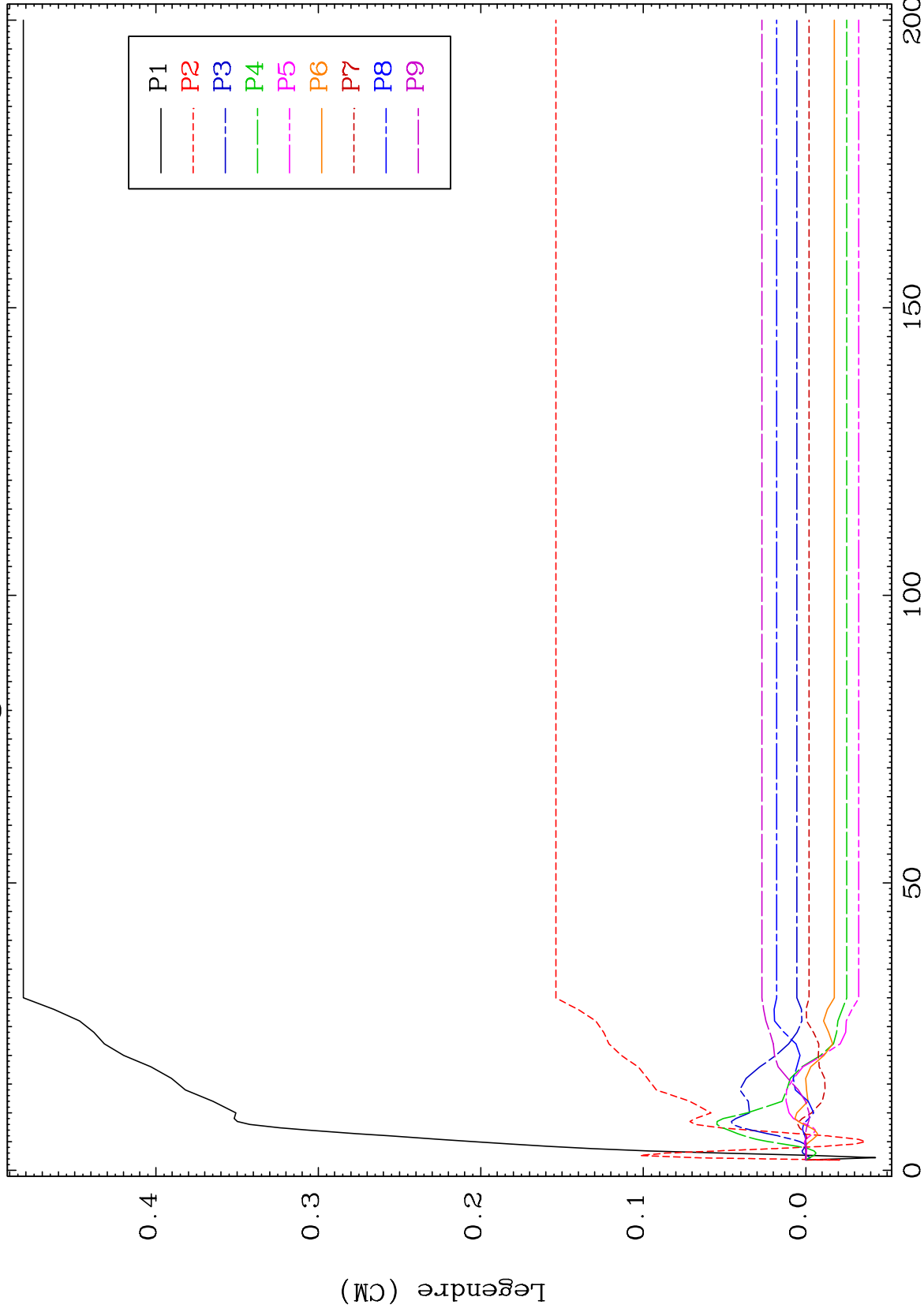
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



37

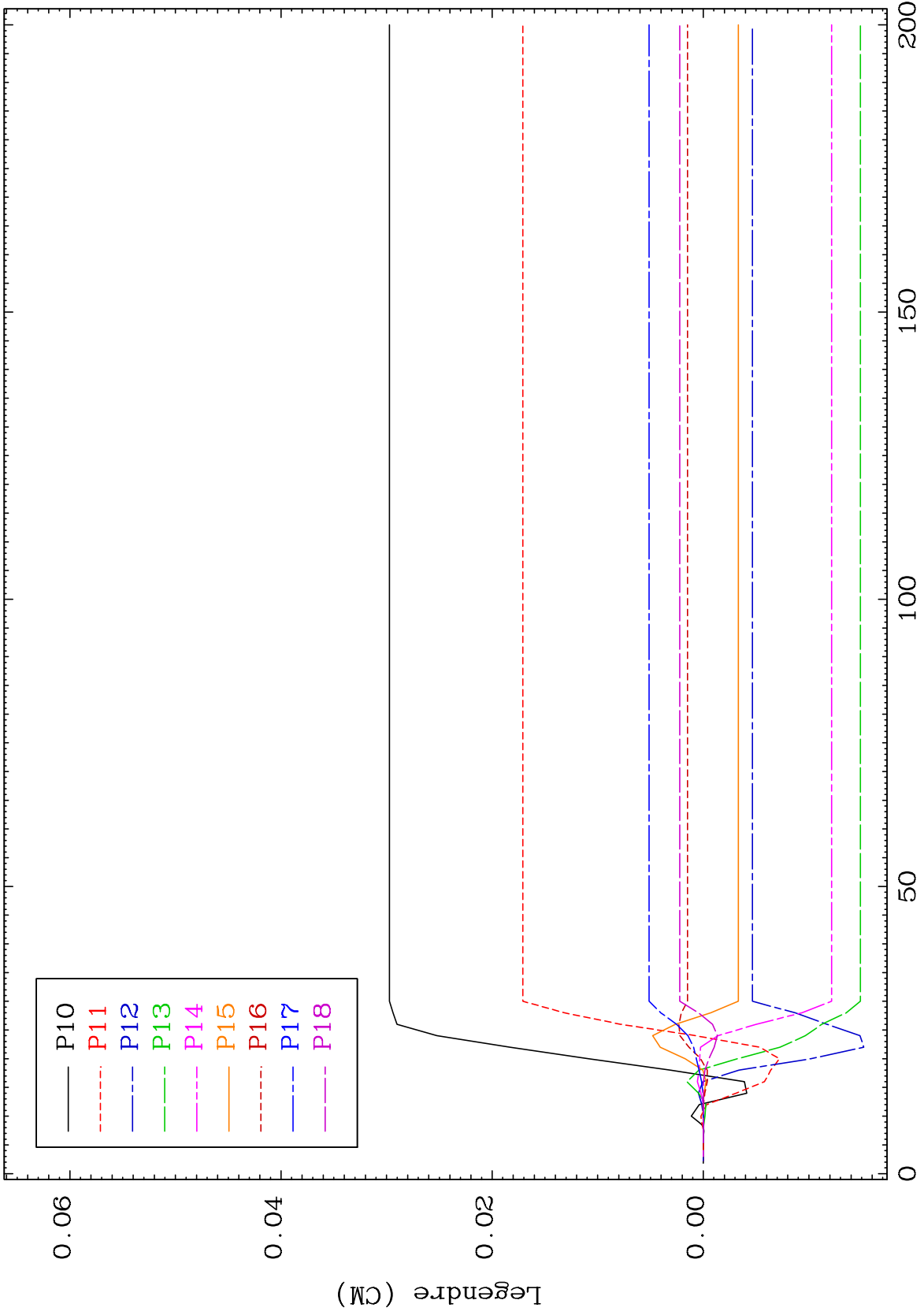
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



38

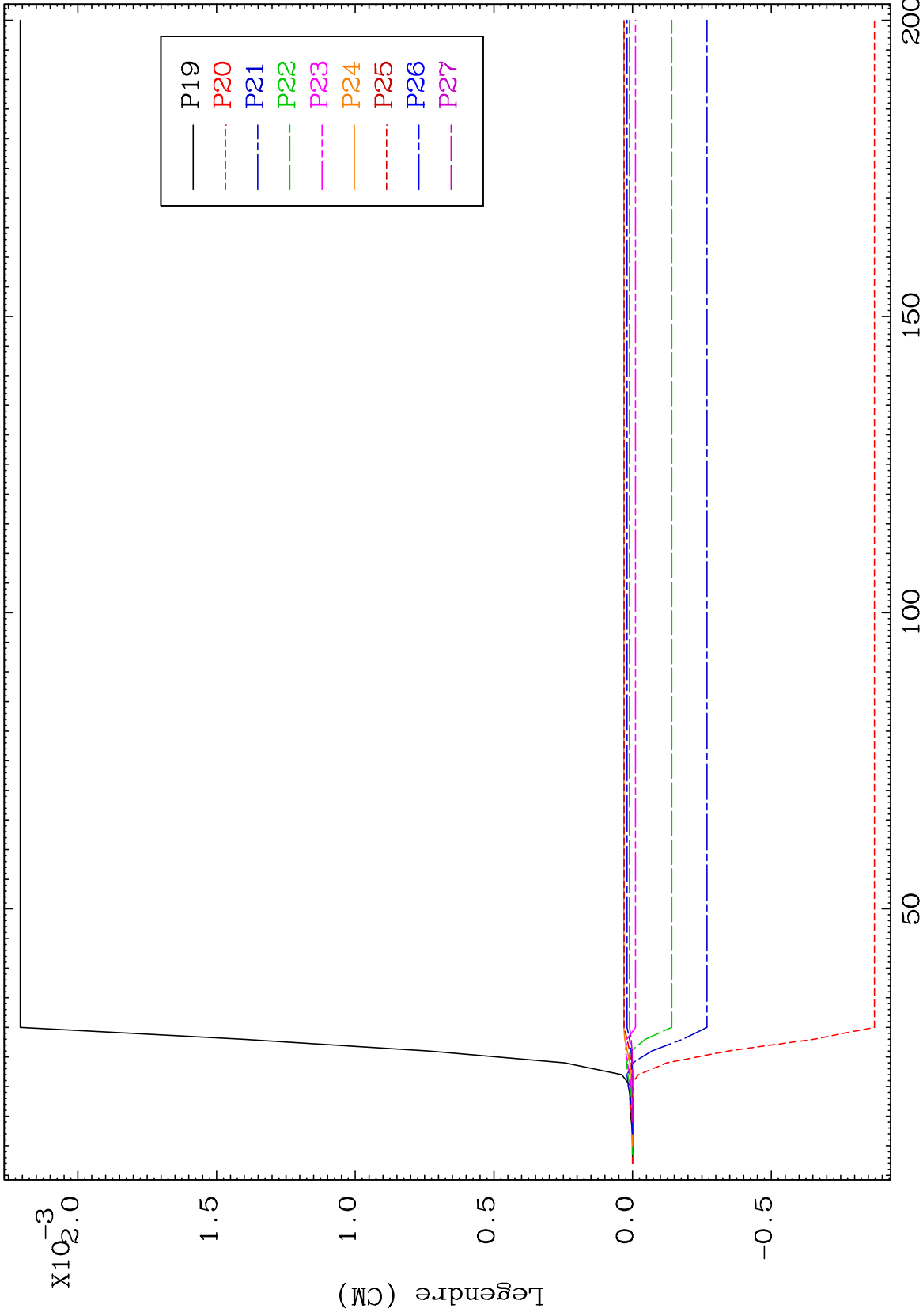
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



39

Incident Energy (MeV)

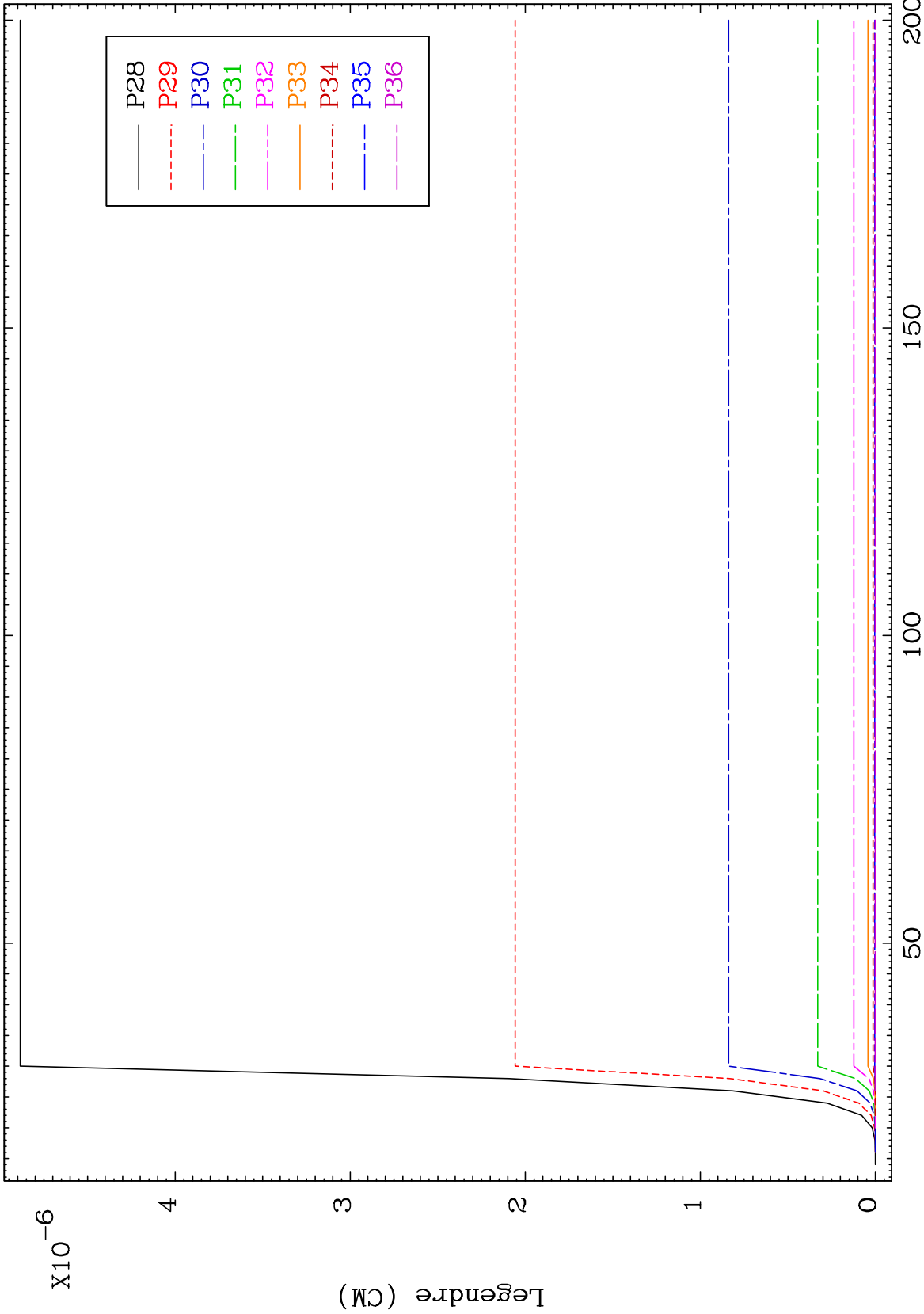
86-Rn-202



MAT 8598

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

86-Rn-202



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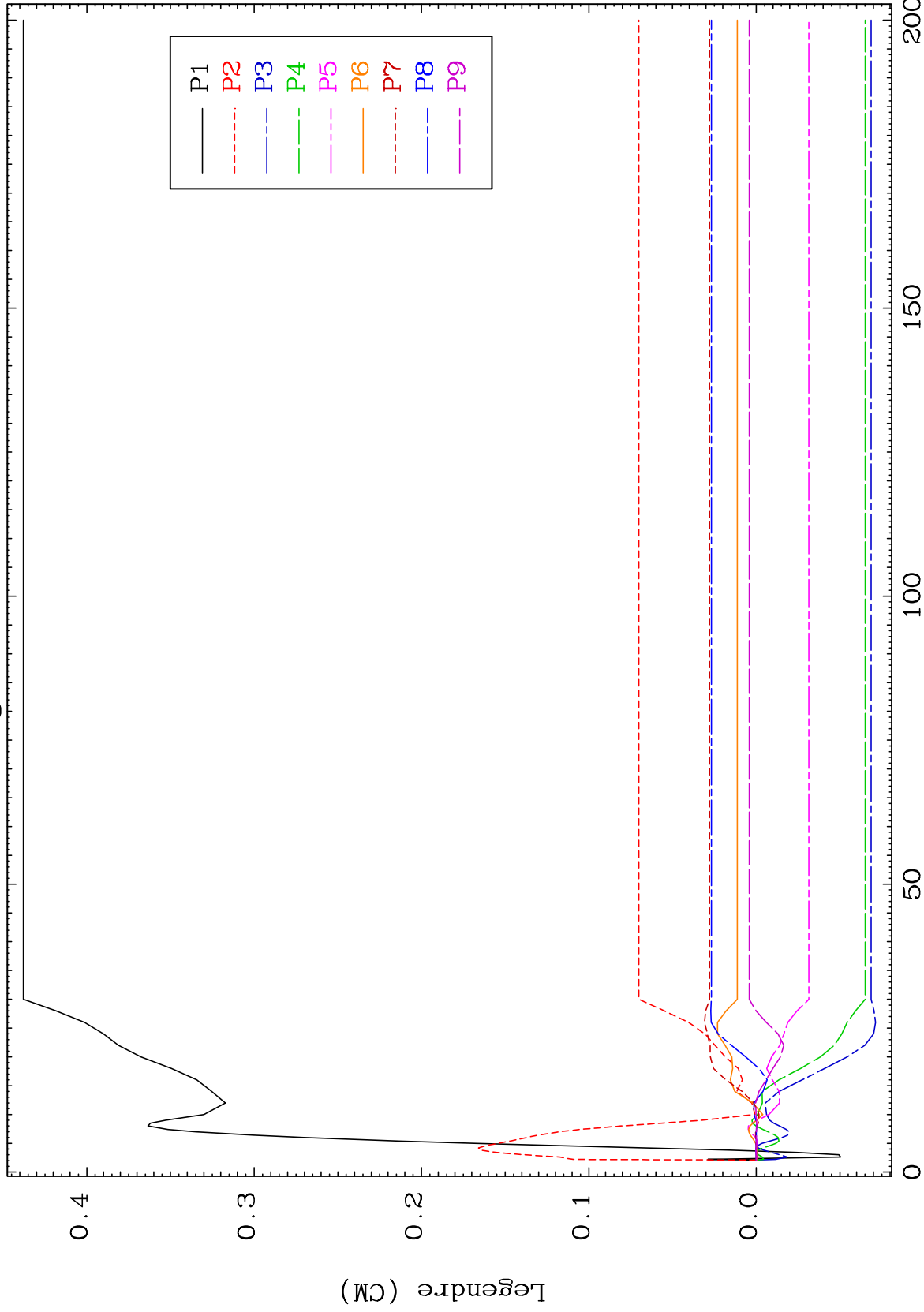
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



41

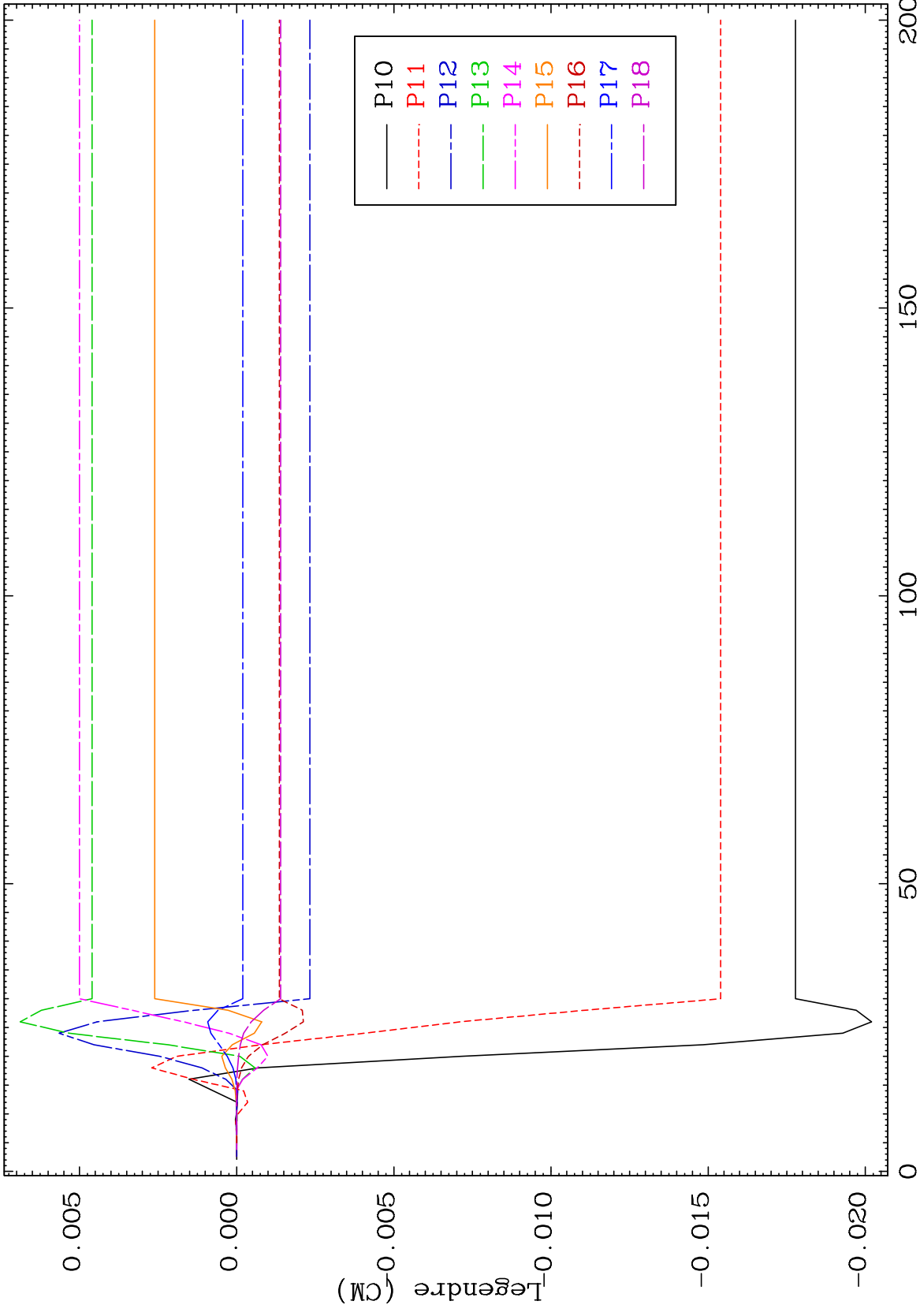
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



42

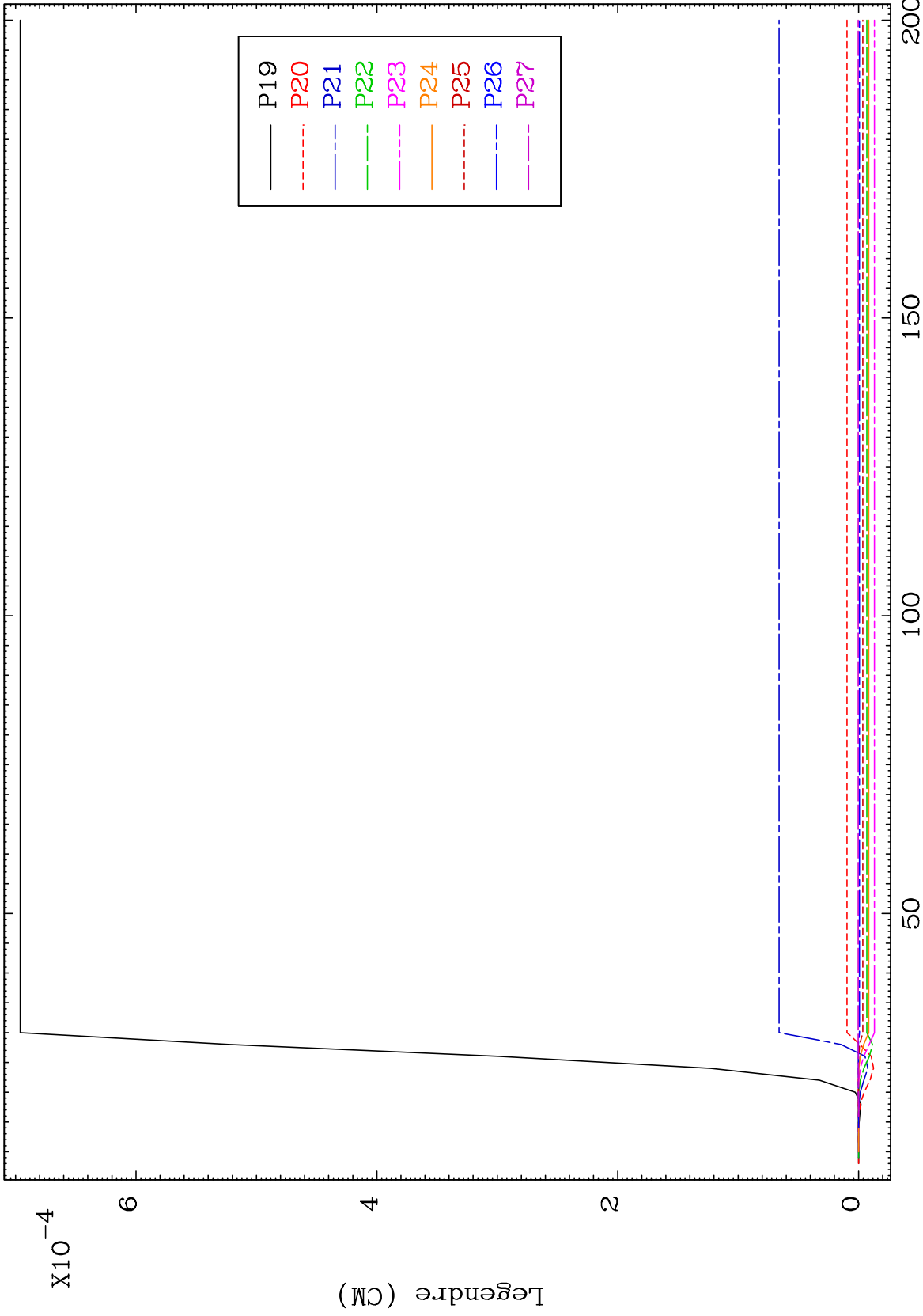
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



43

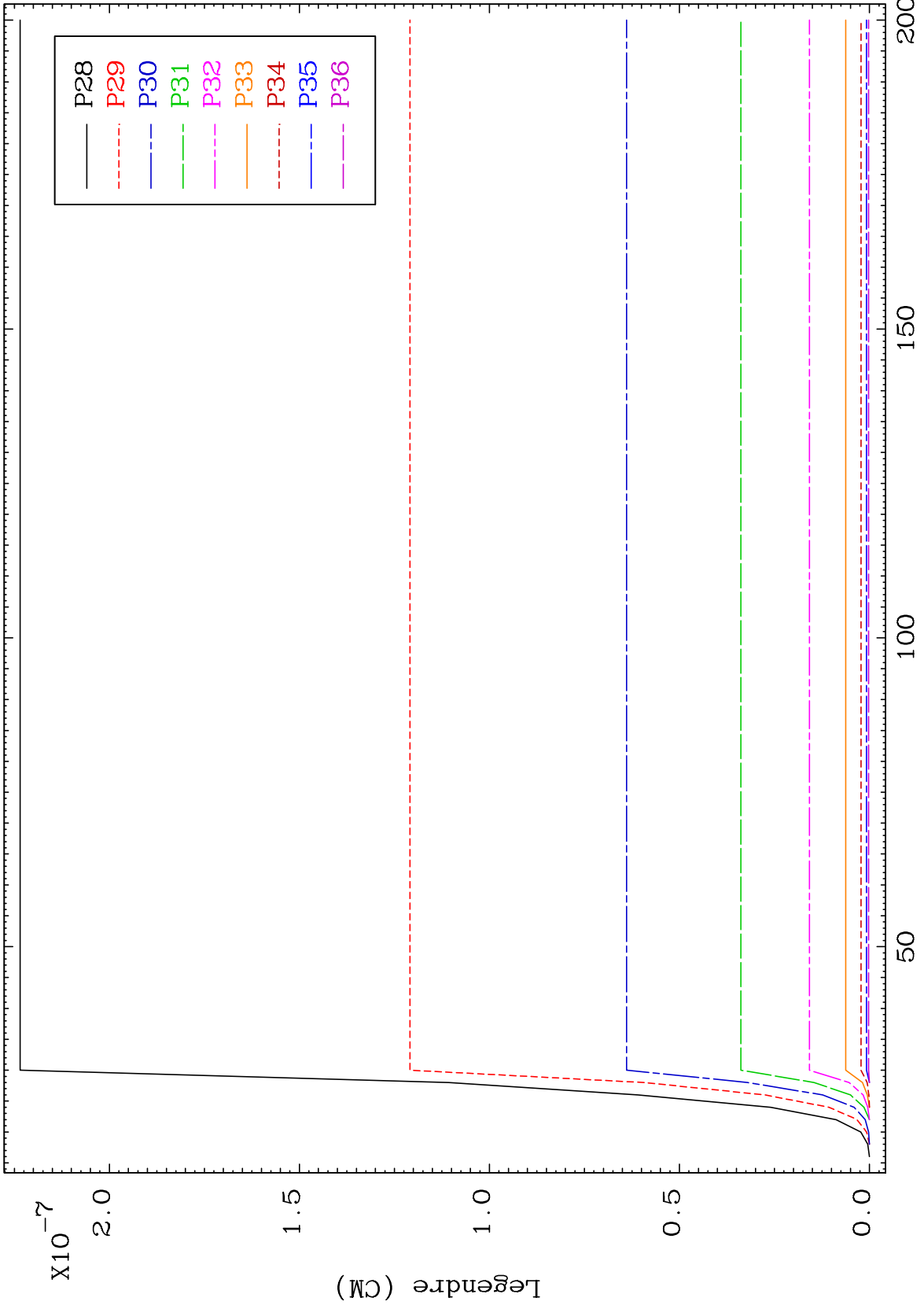
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



44

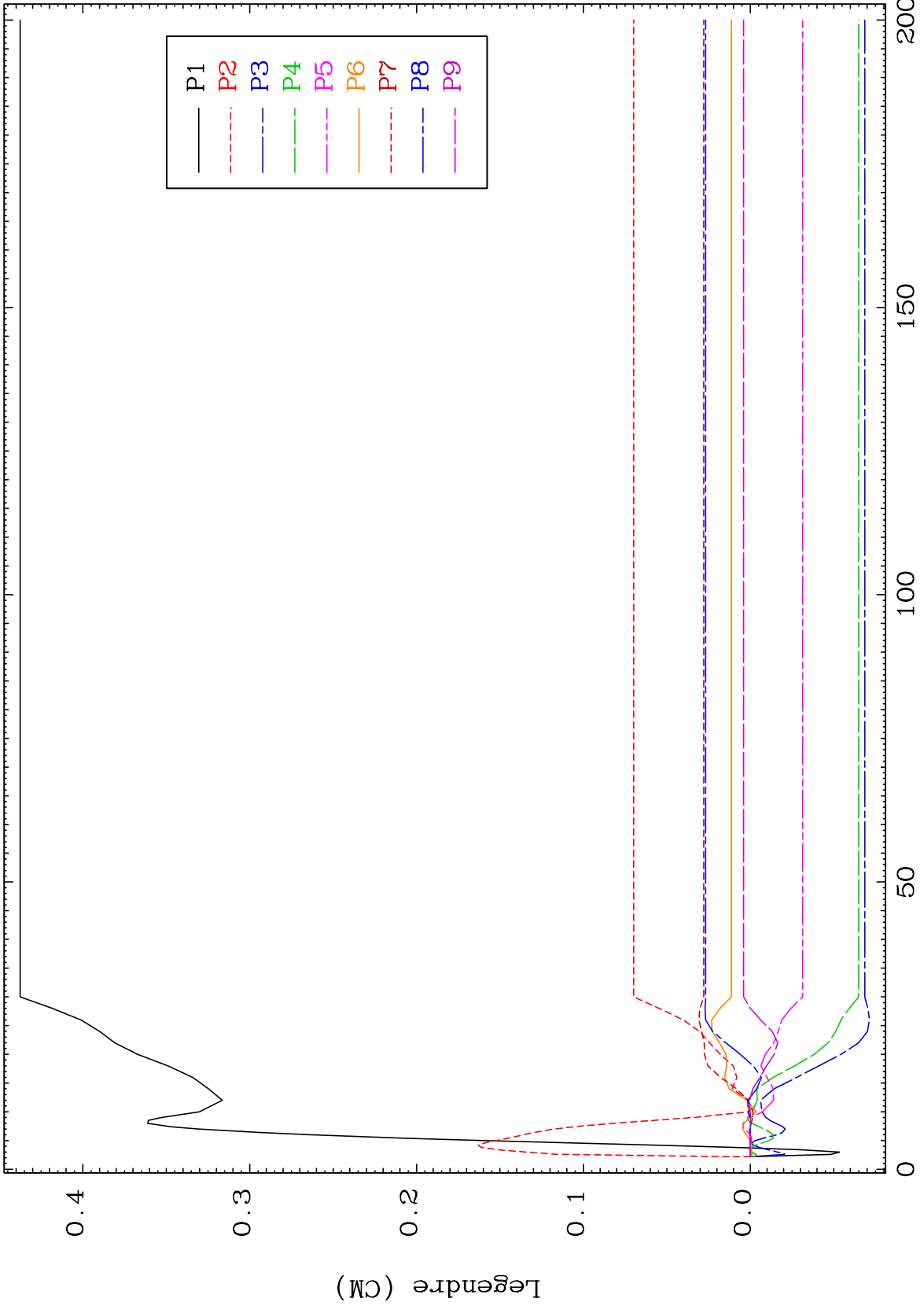
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



45

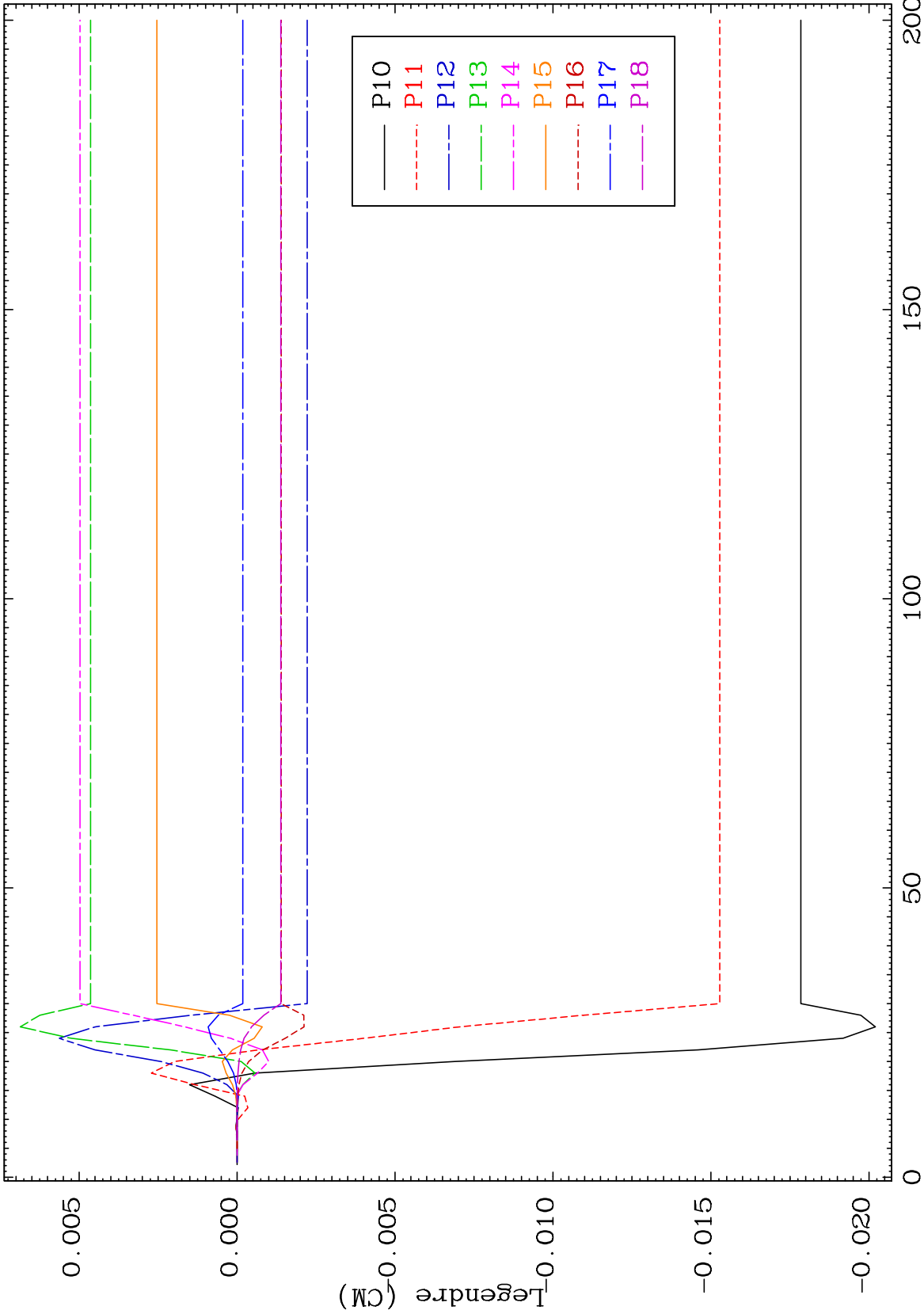
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



46

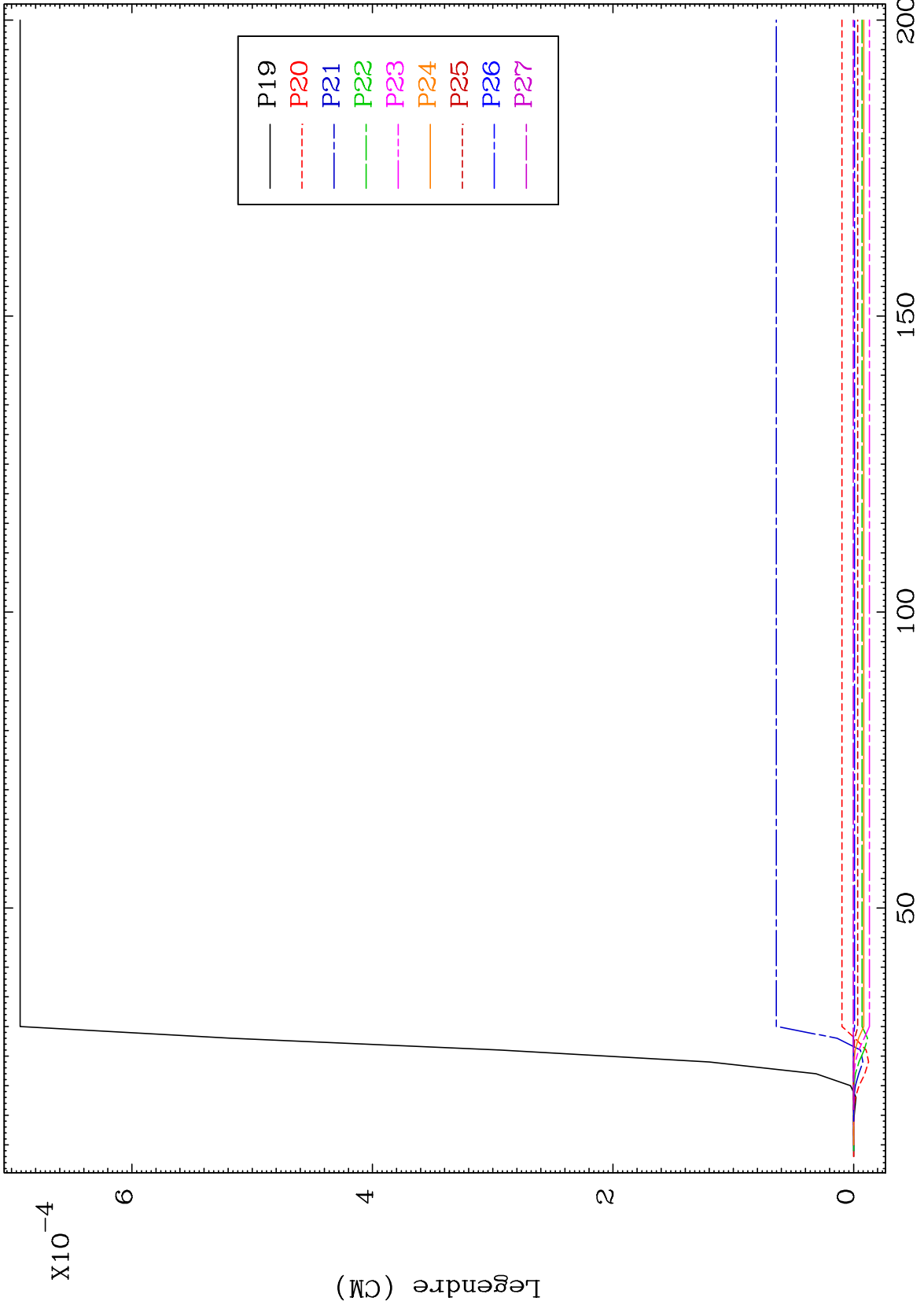
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



47

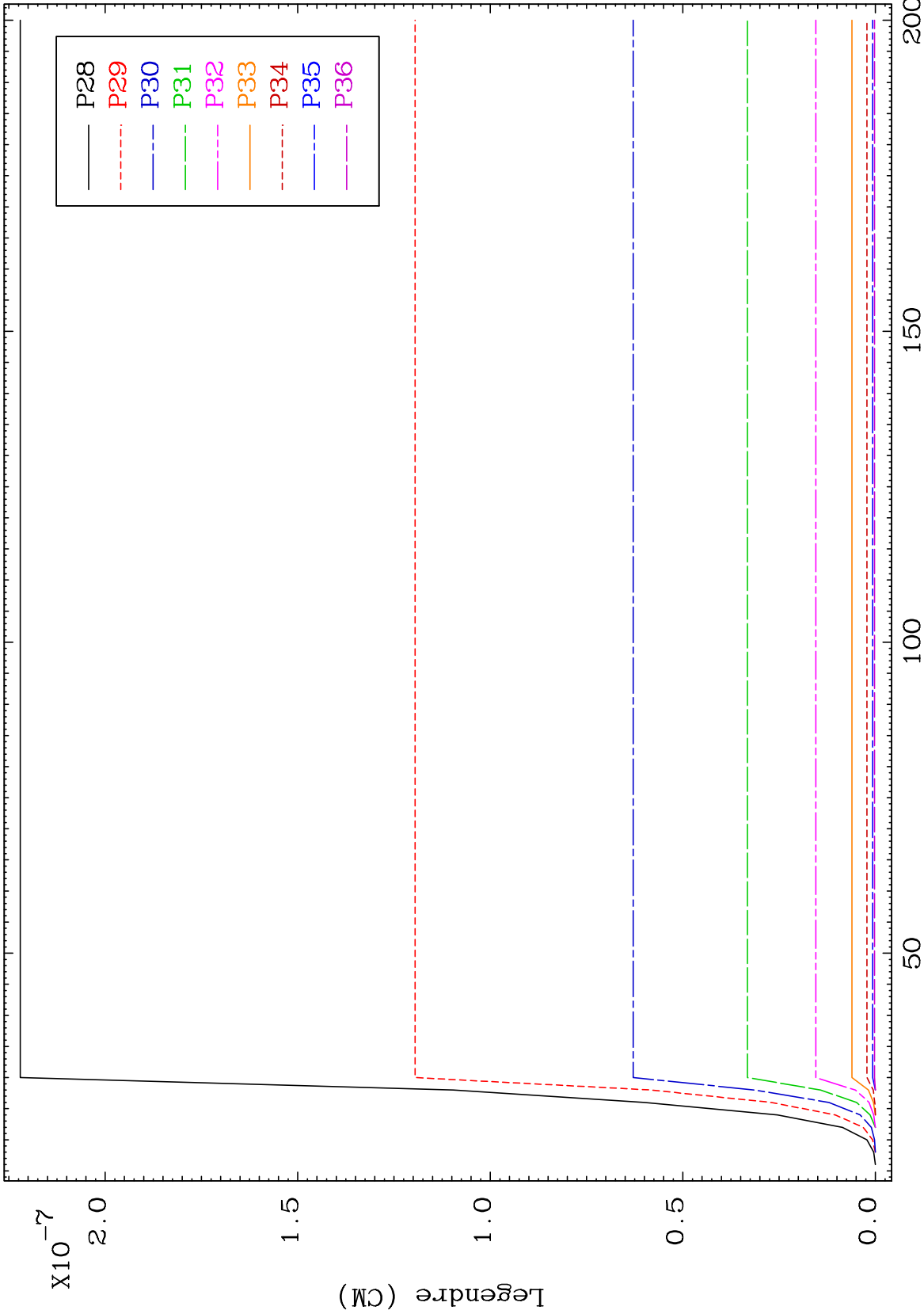
86-Rn-202



MAT 8598

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

86-Rn-202



48

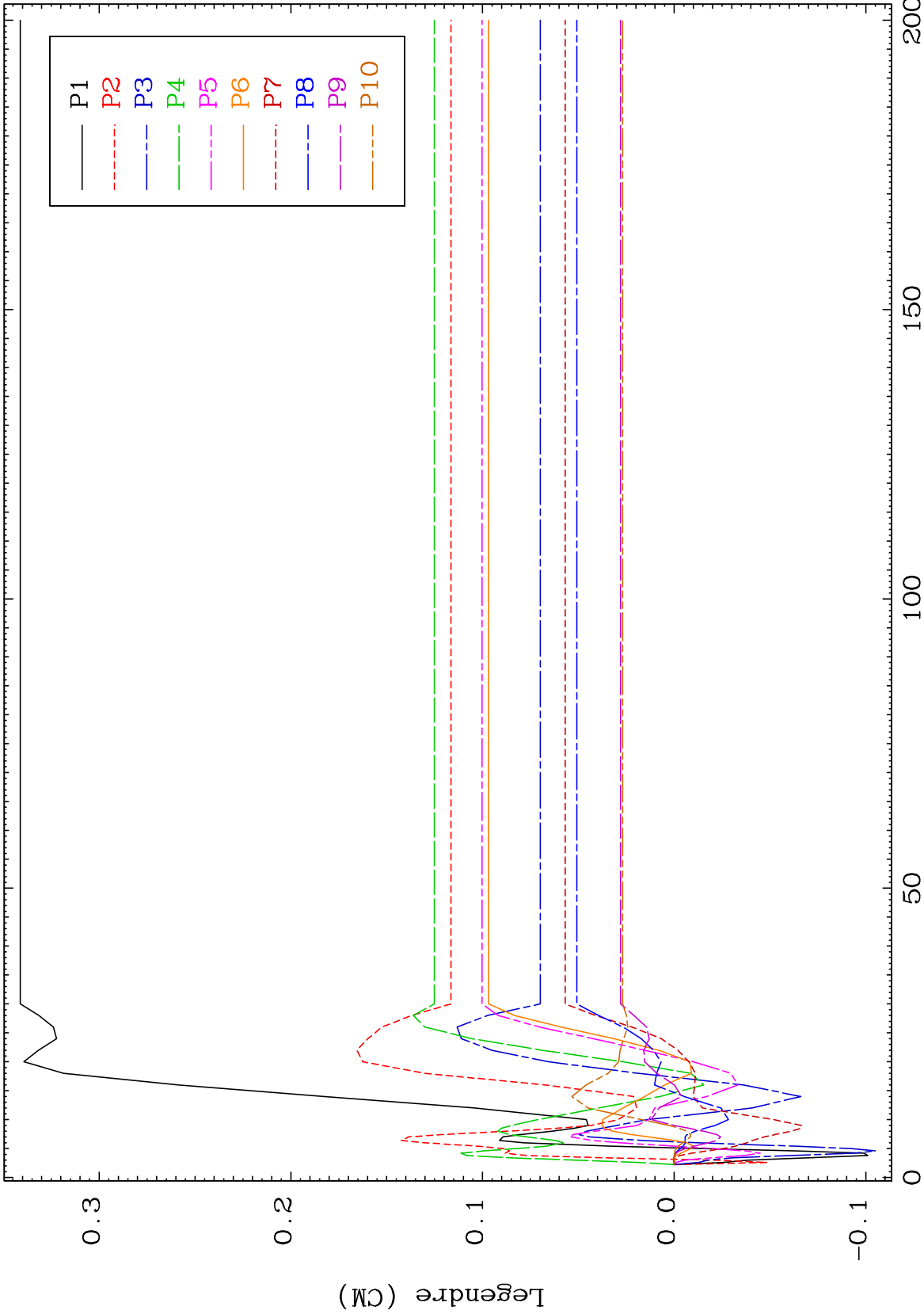
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



49

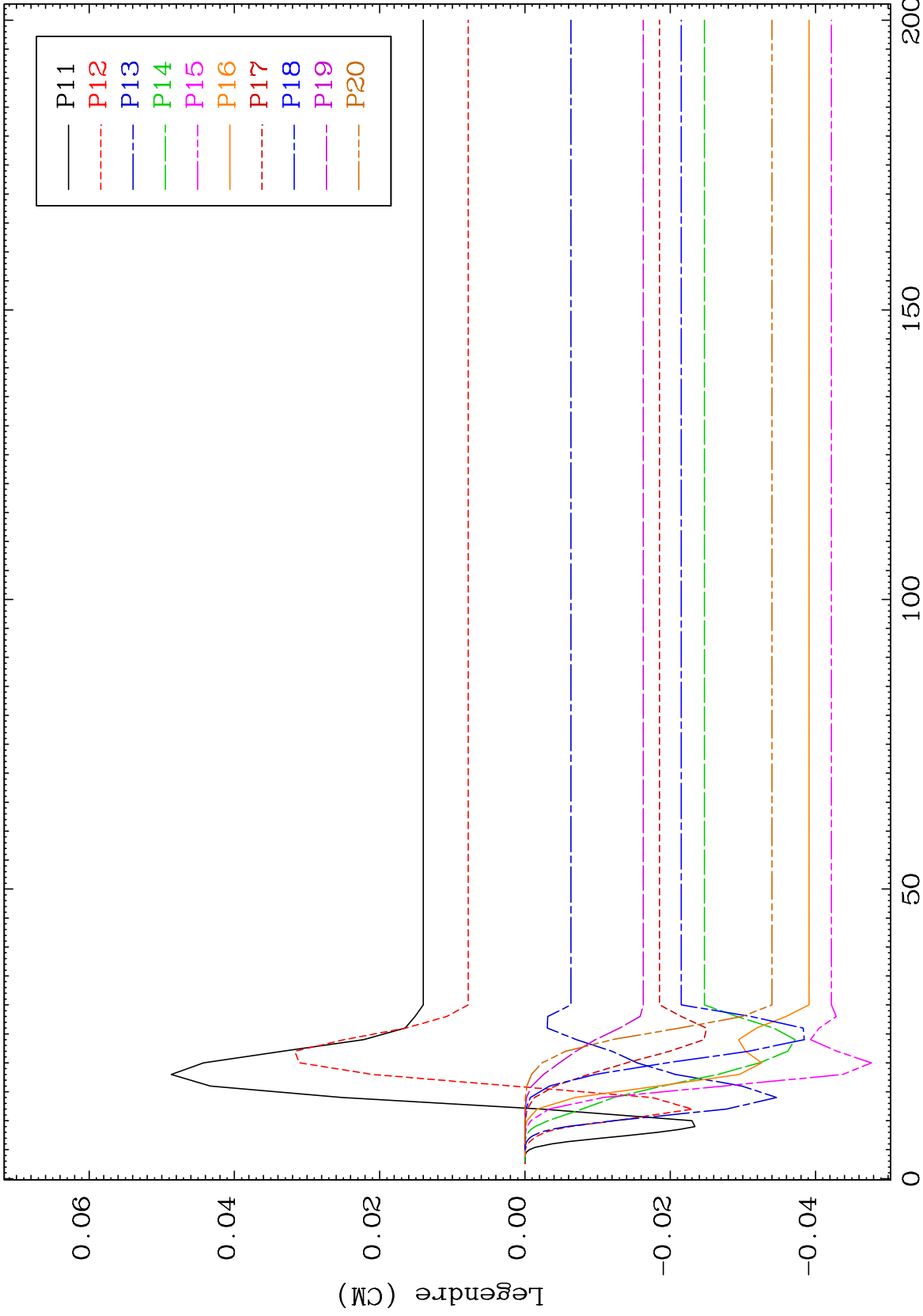
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



86-Rn-202

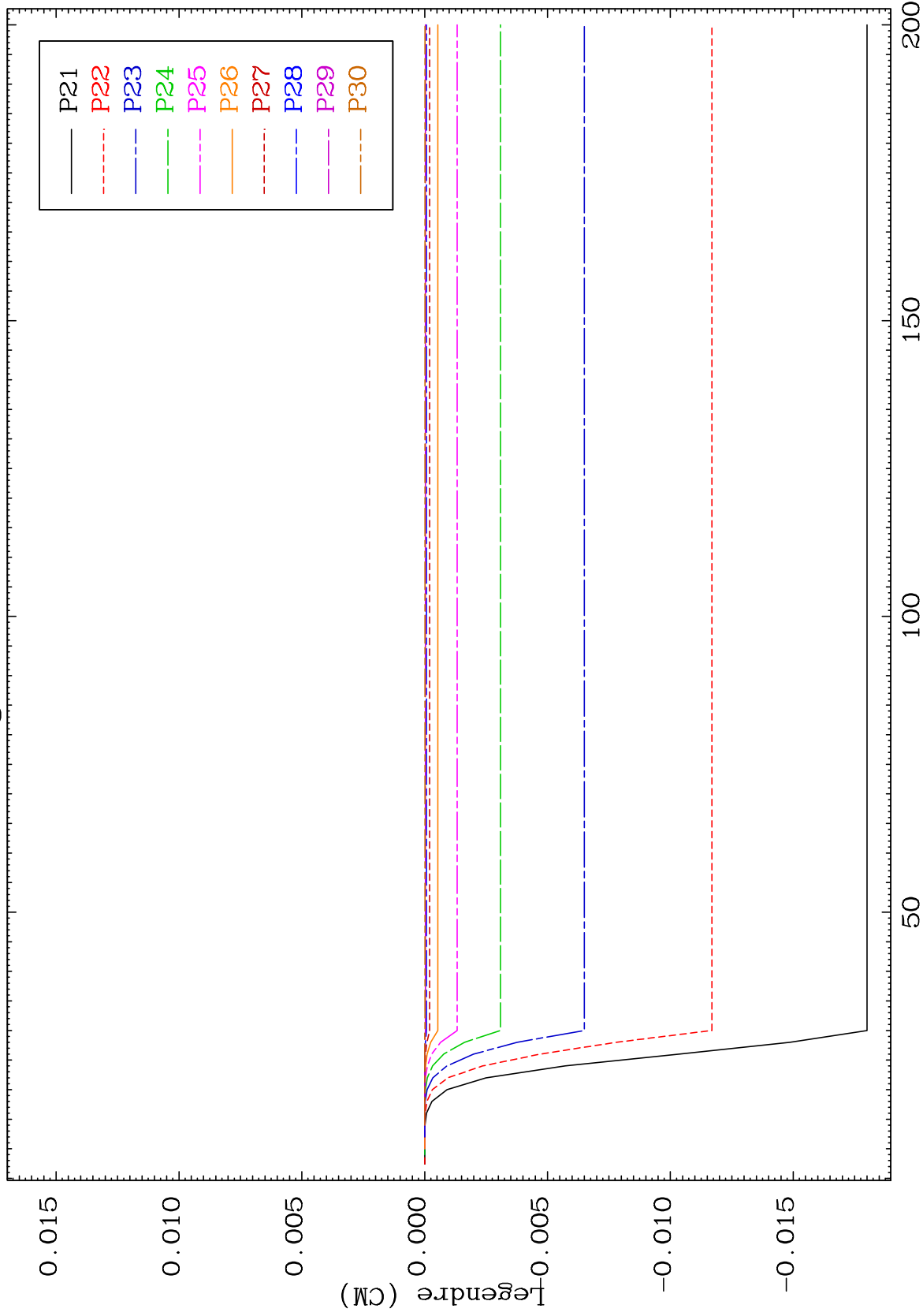
Incident Energy (MeV)

50

MAT 8598

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

86-Rn-202



51

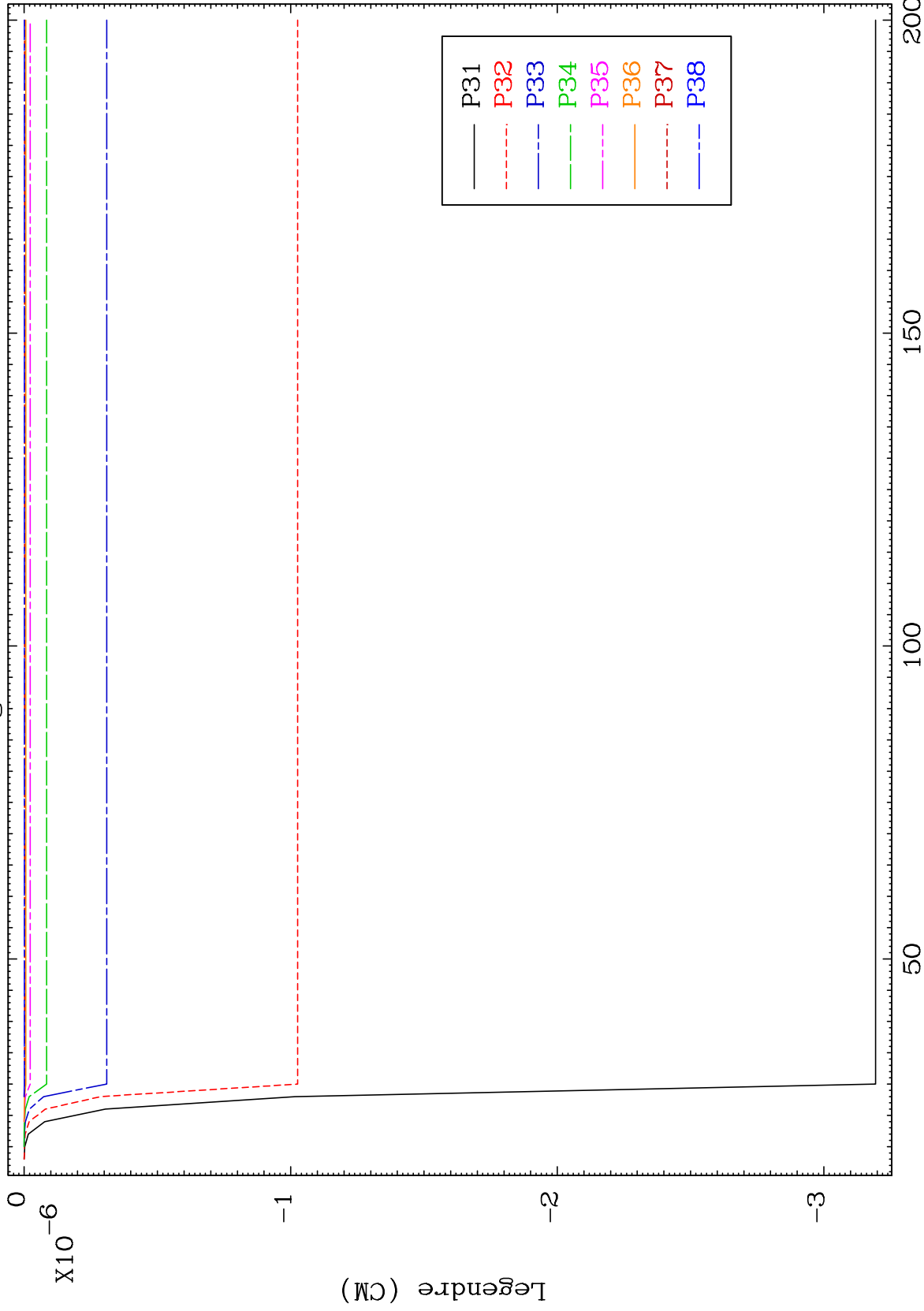
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



86-Rn-202

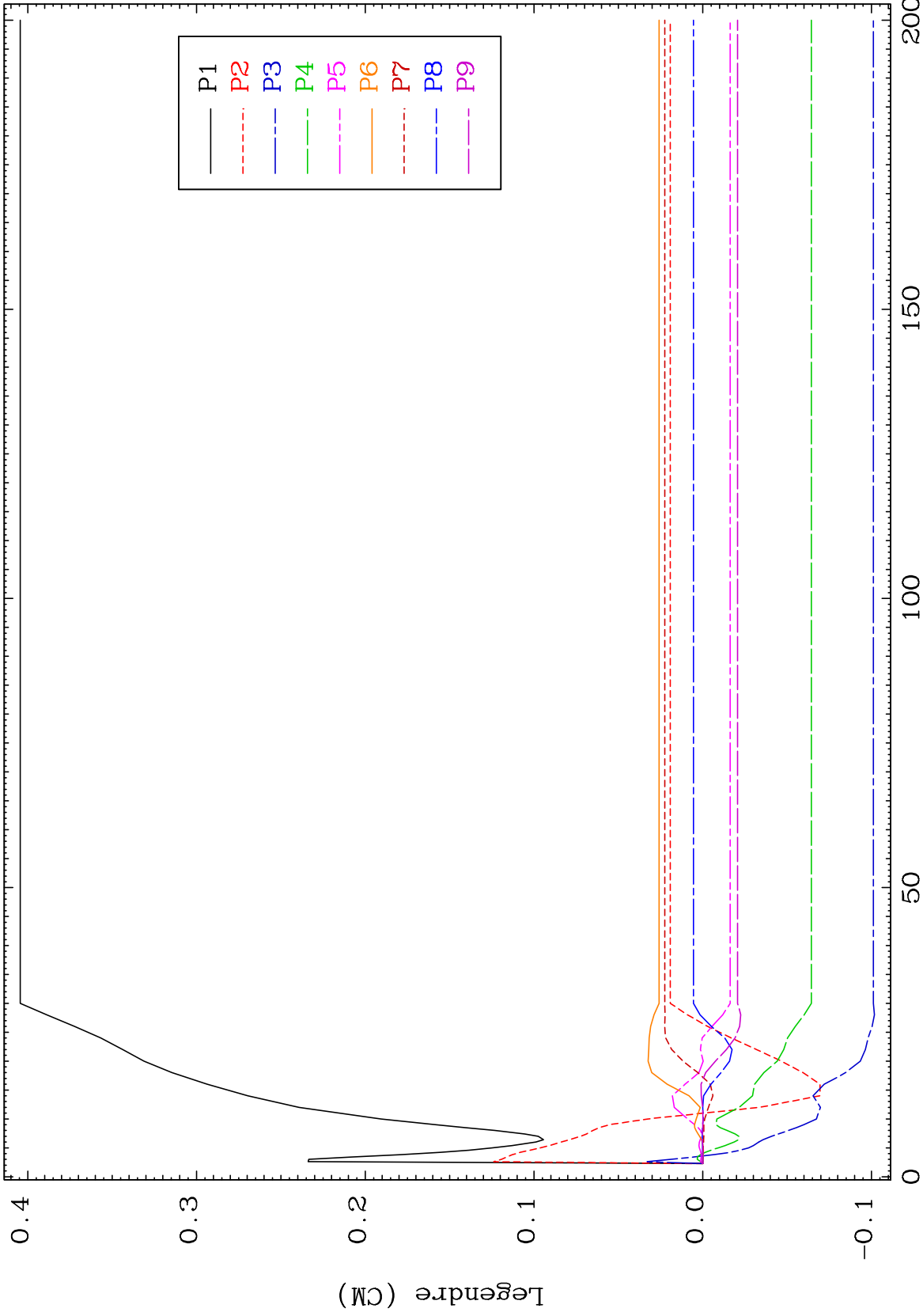
Incident Energy (MeV)

52

MAT 8598

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

86-Rn-202



53

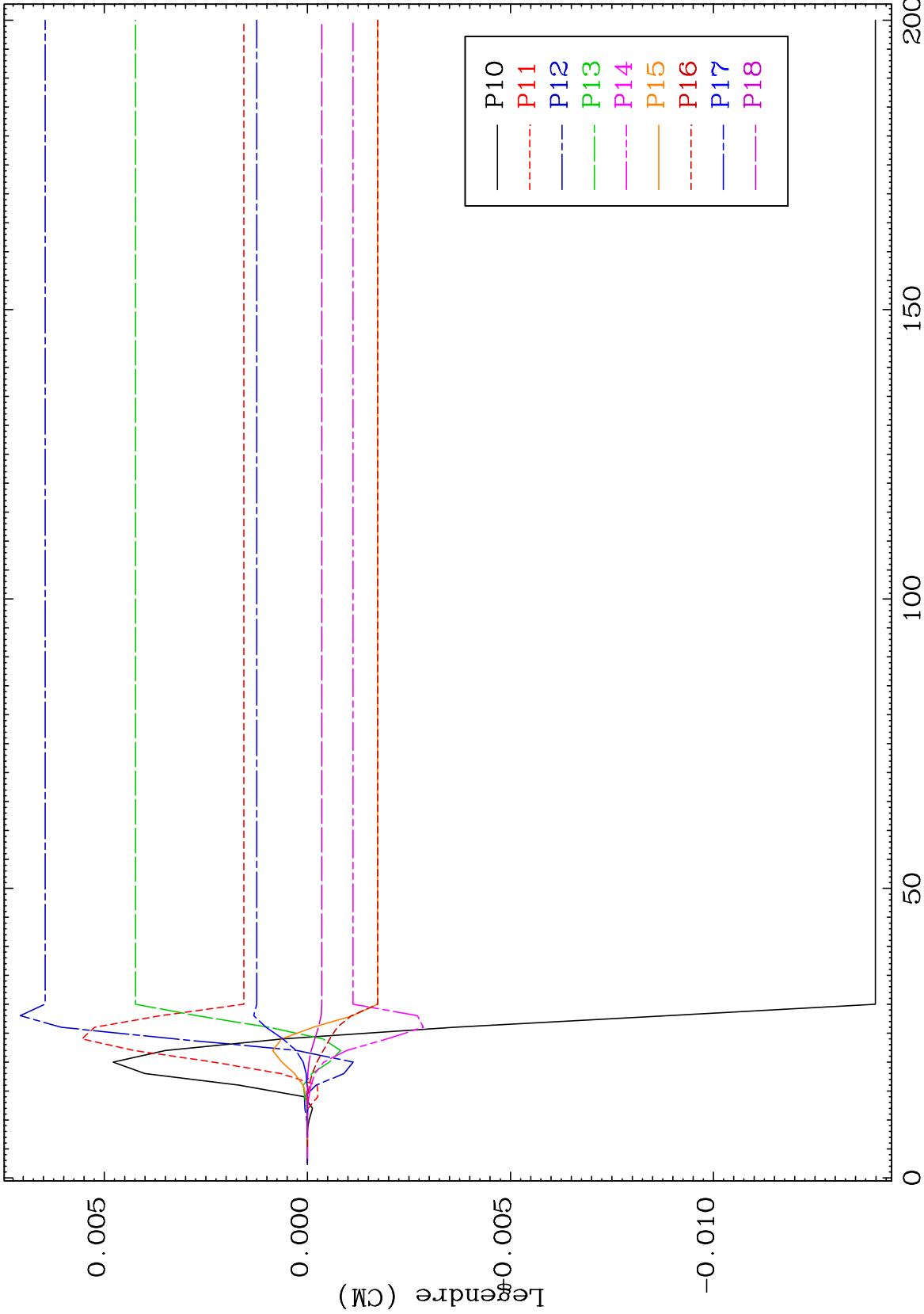
86-Rn-202

86-Rn-202

MAT 8598

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

86-Rn-202



54

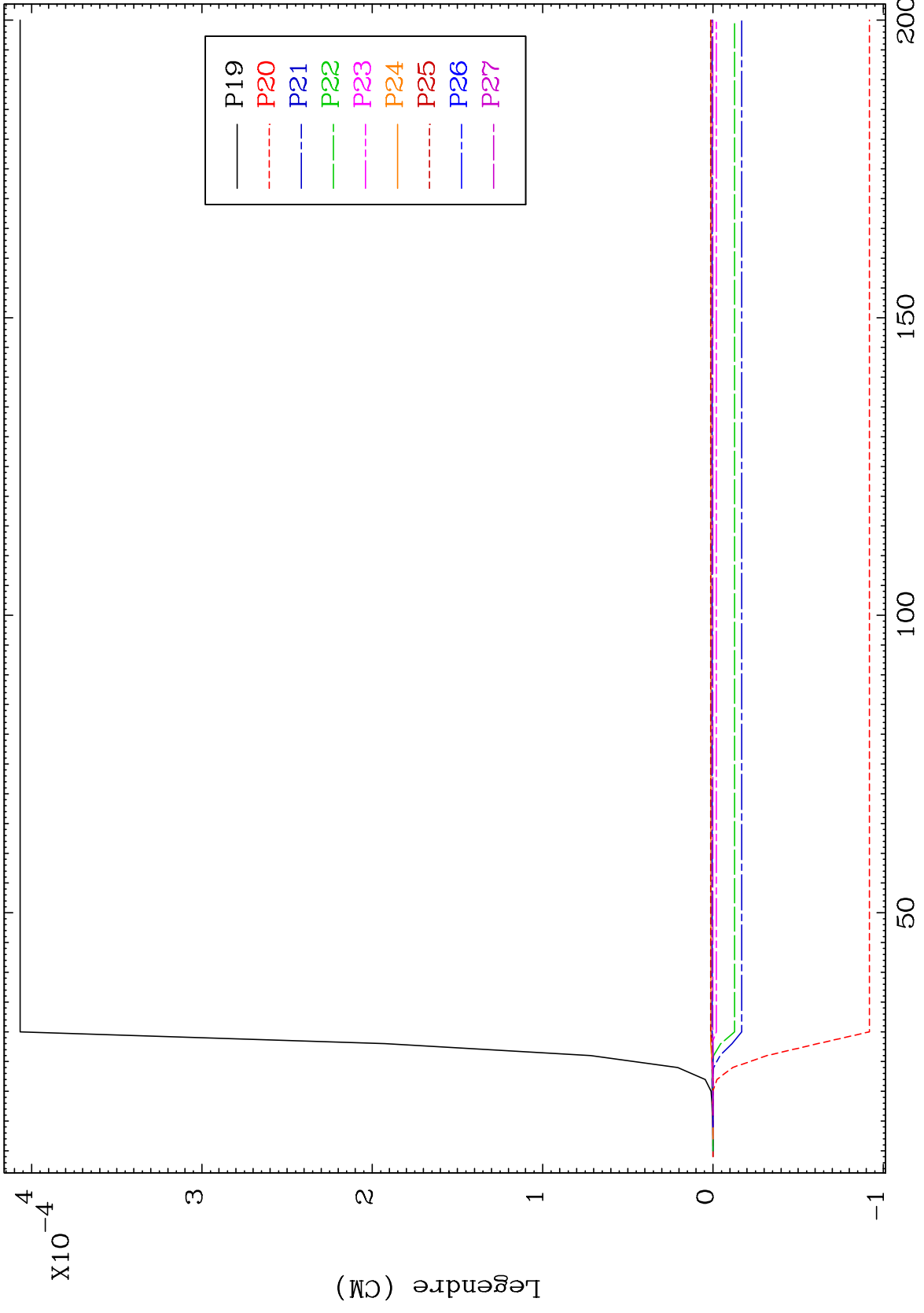
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



55

Incident Energy (MeV)

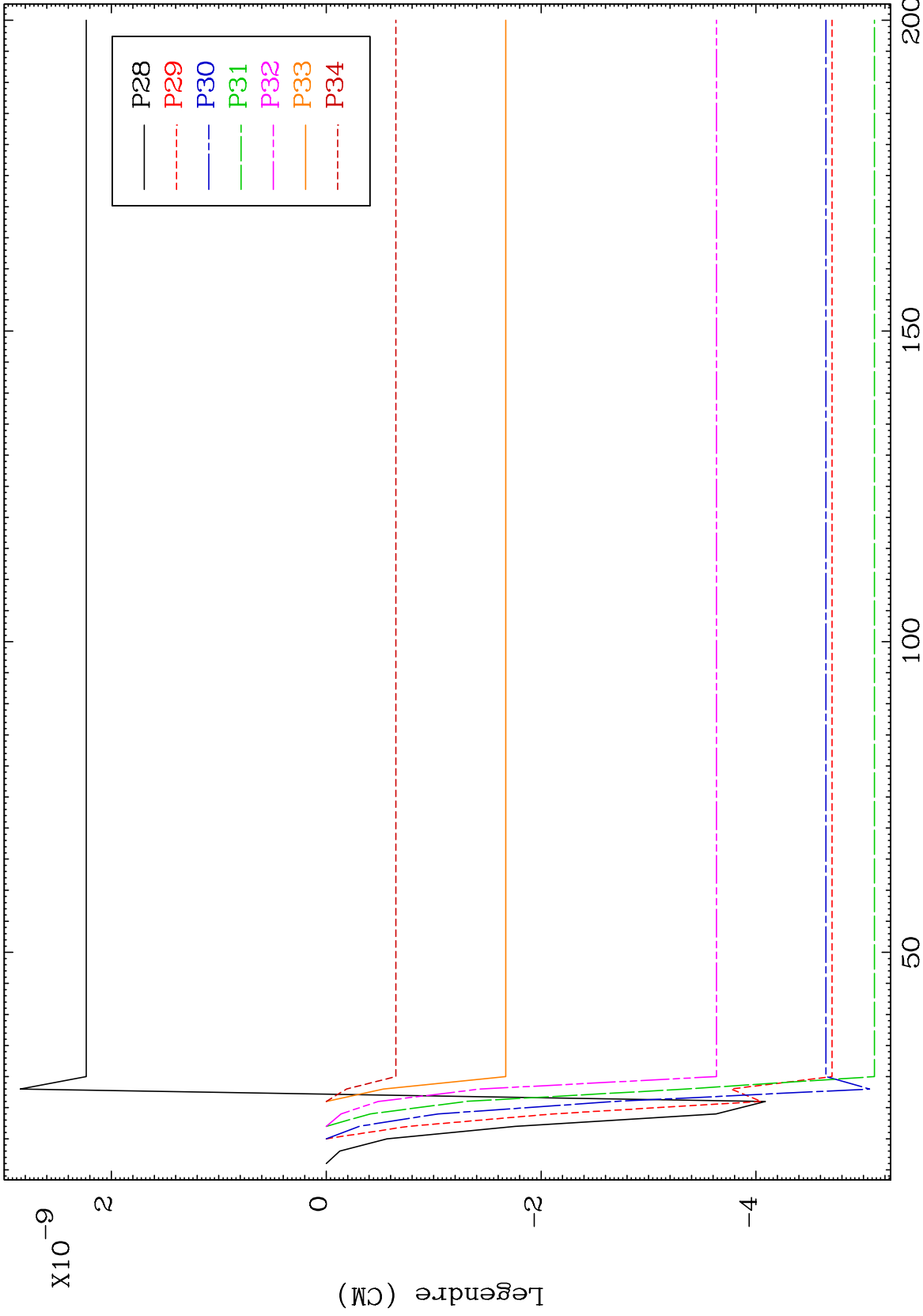
86-Rn-202



MAT 8598

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

86-Rn-202



56

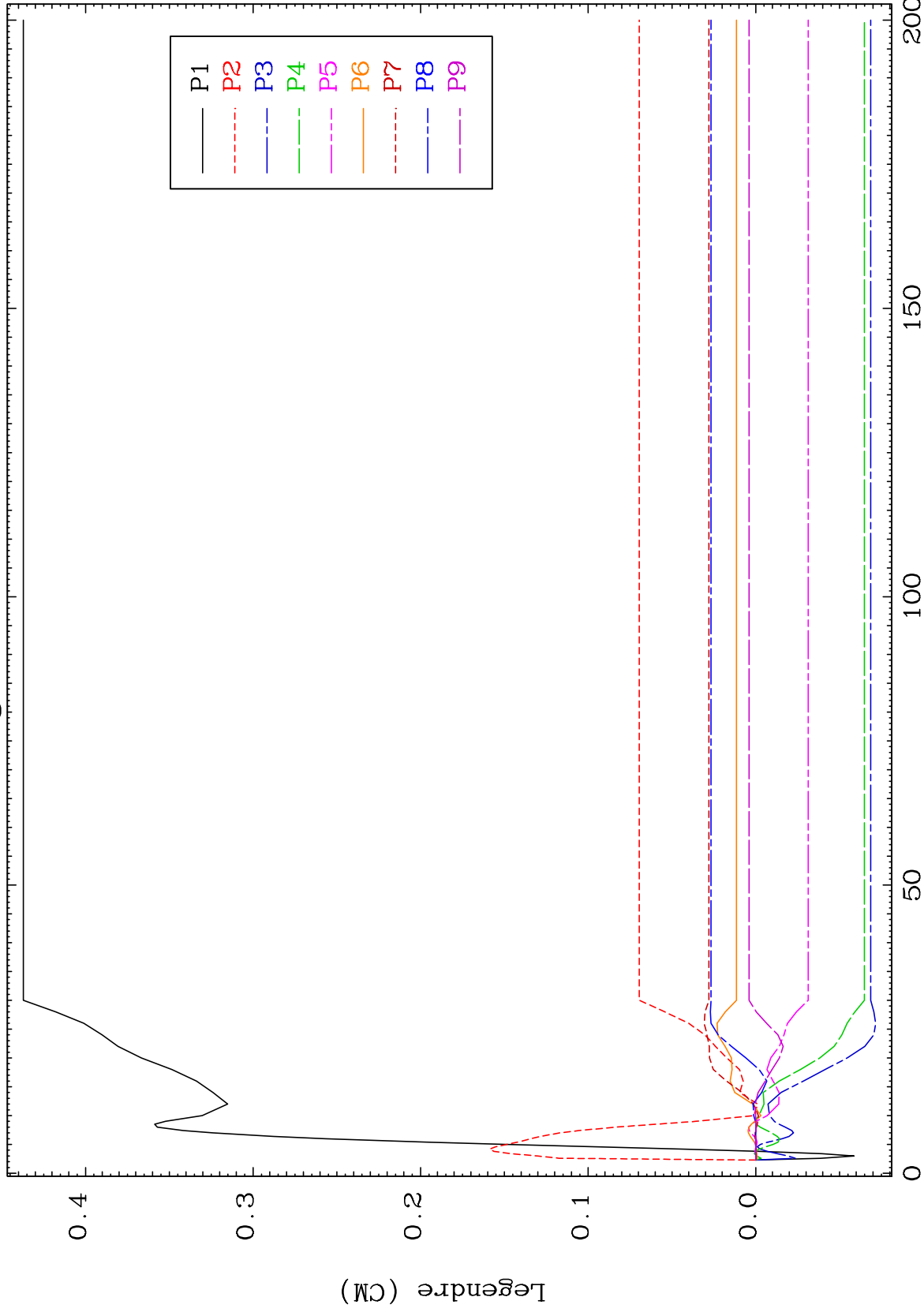
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



57

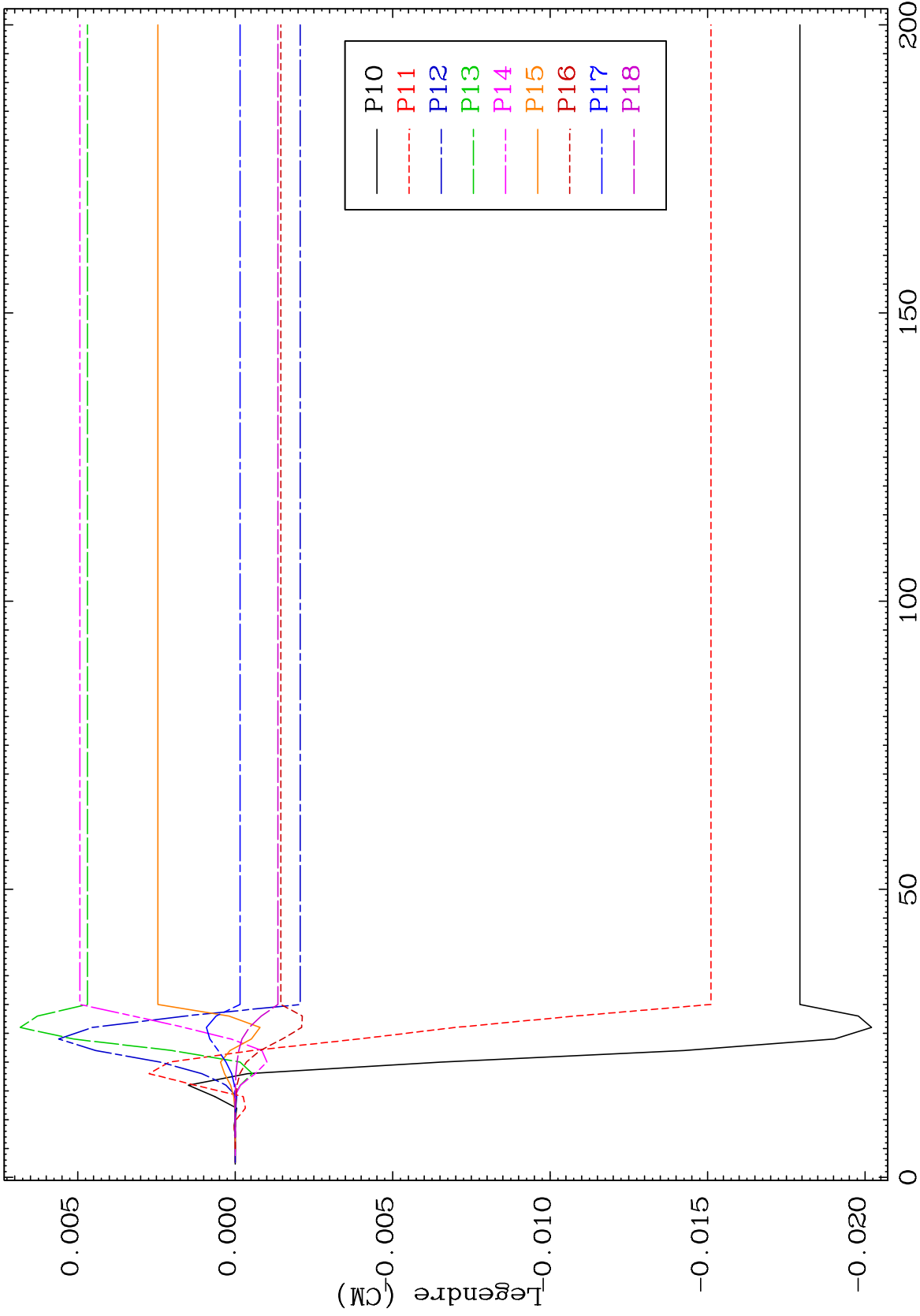
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



58

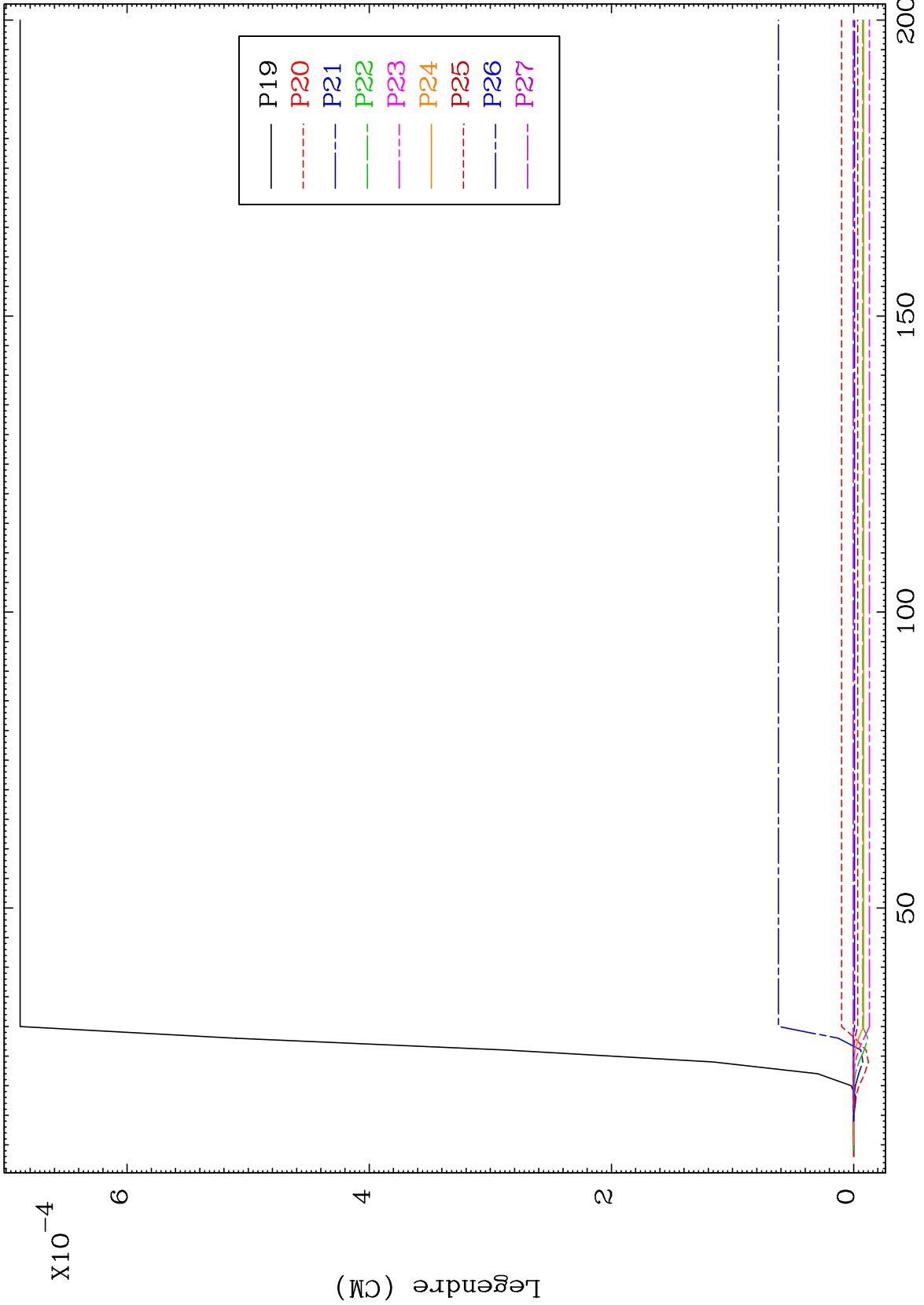
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202

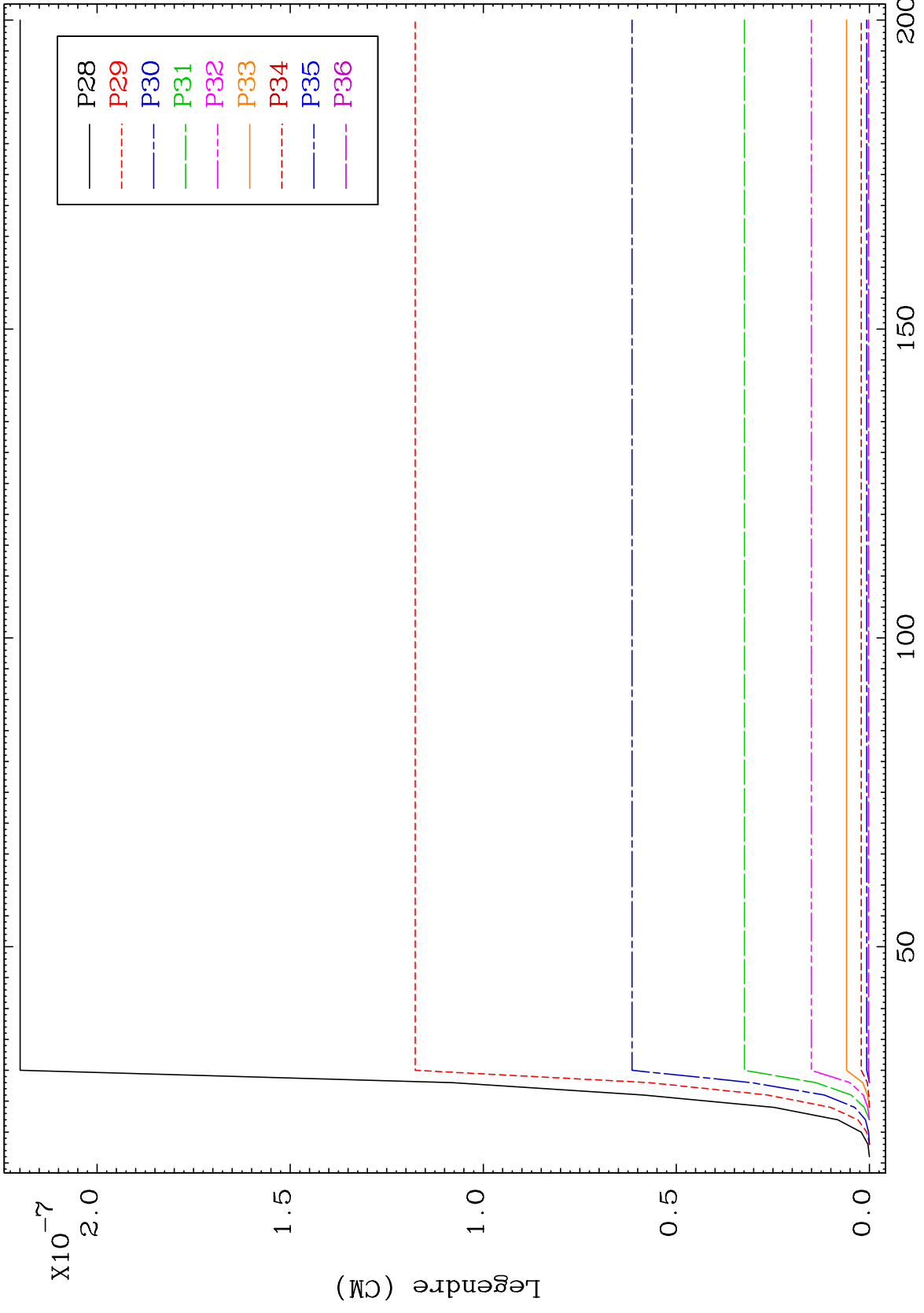


59

Incident Energy (MeV)

86-Rn-202

MAT 8598 MT= 61 (n,n') Level Legendre Coefficients 86-Rn-202

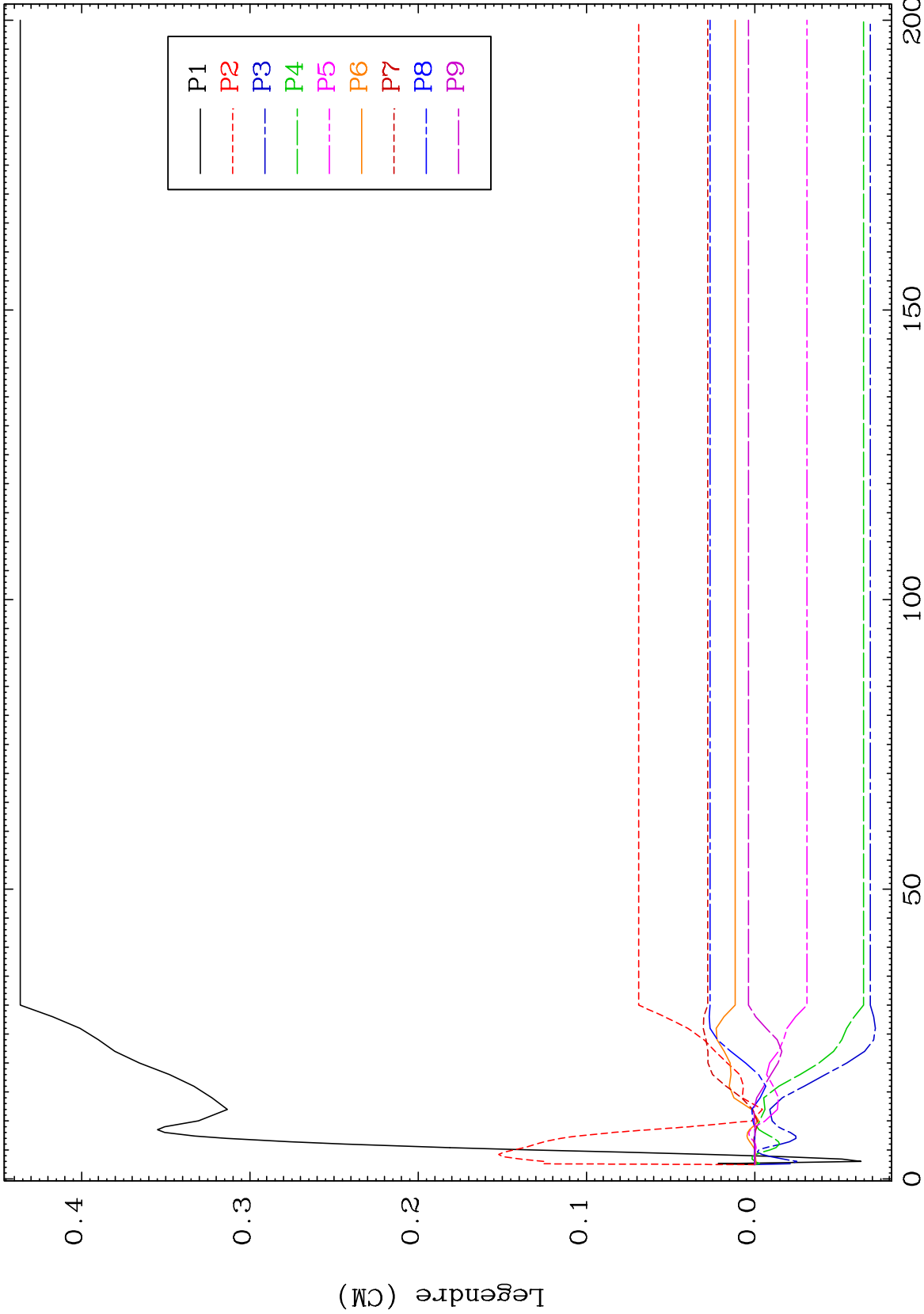


86-Rn-202

MAT 8598

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

86-Rn-202



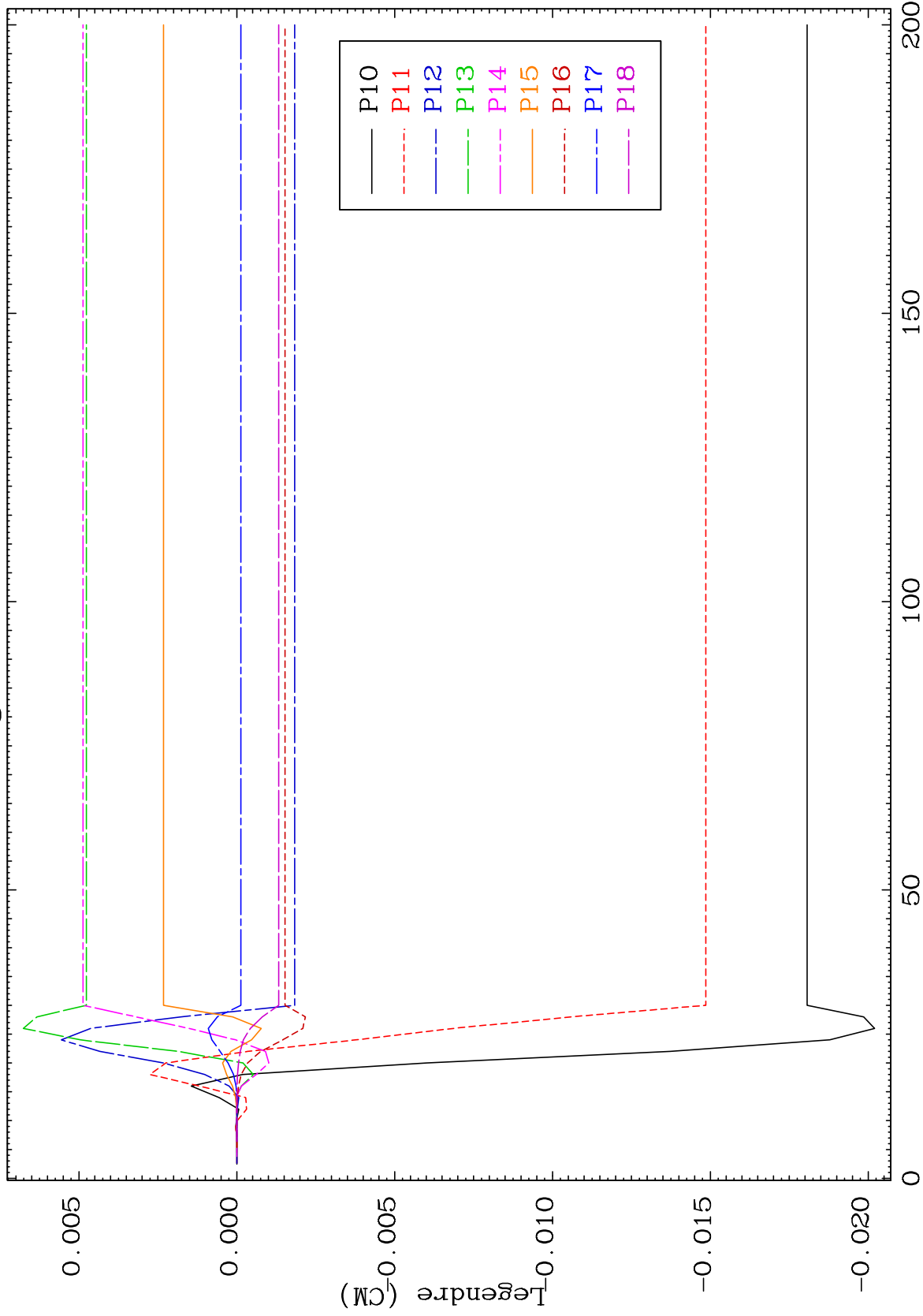
61

86-Rn-202

MAT 8598

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

86-Rn-202



62

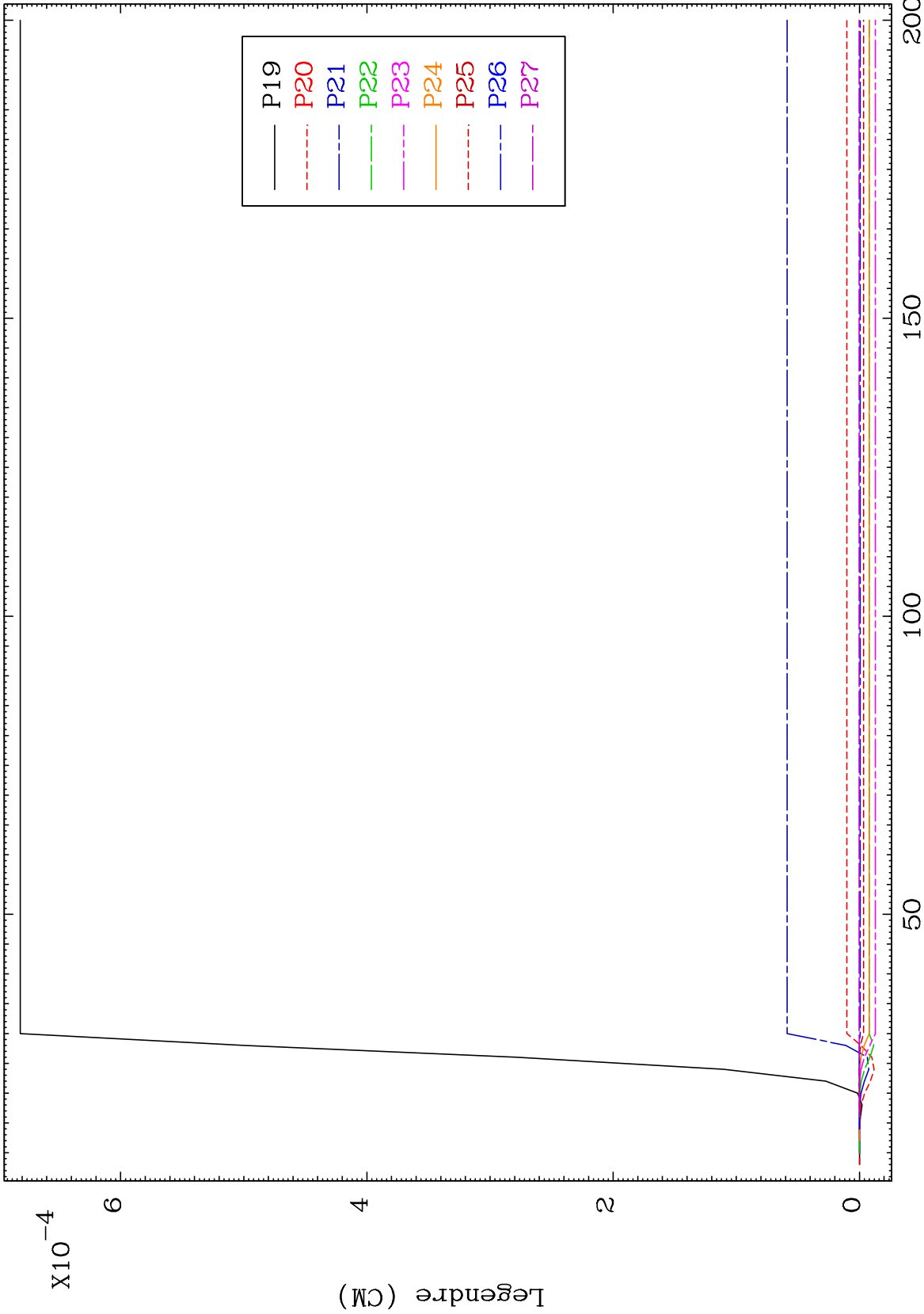
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



63

Incident Energy (MeV)

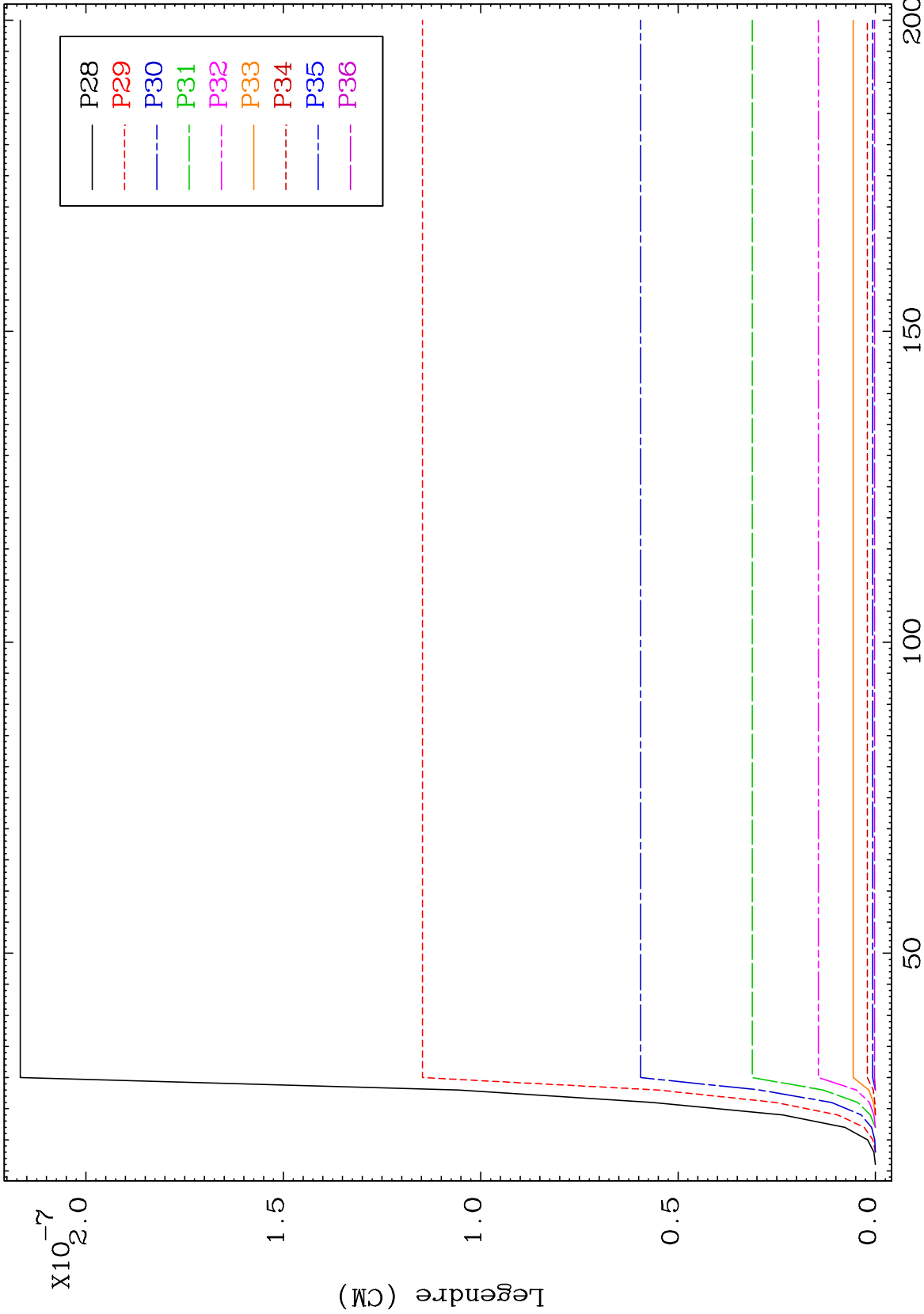
86-Rn-202



MAT 8598

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

86-Rn-202



64

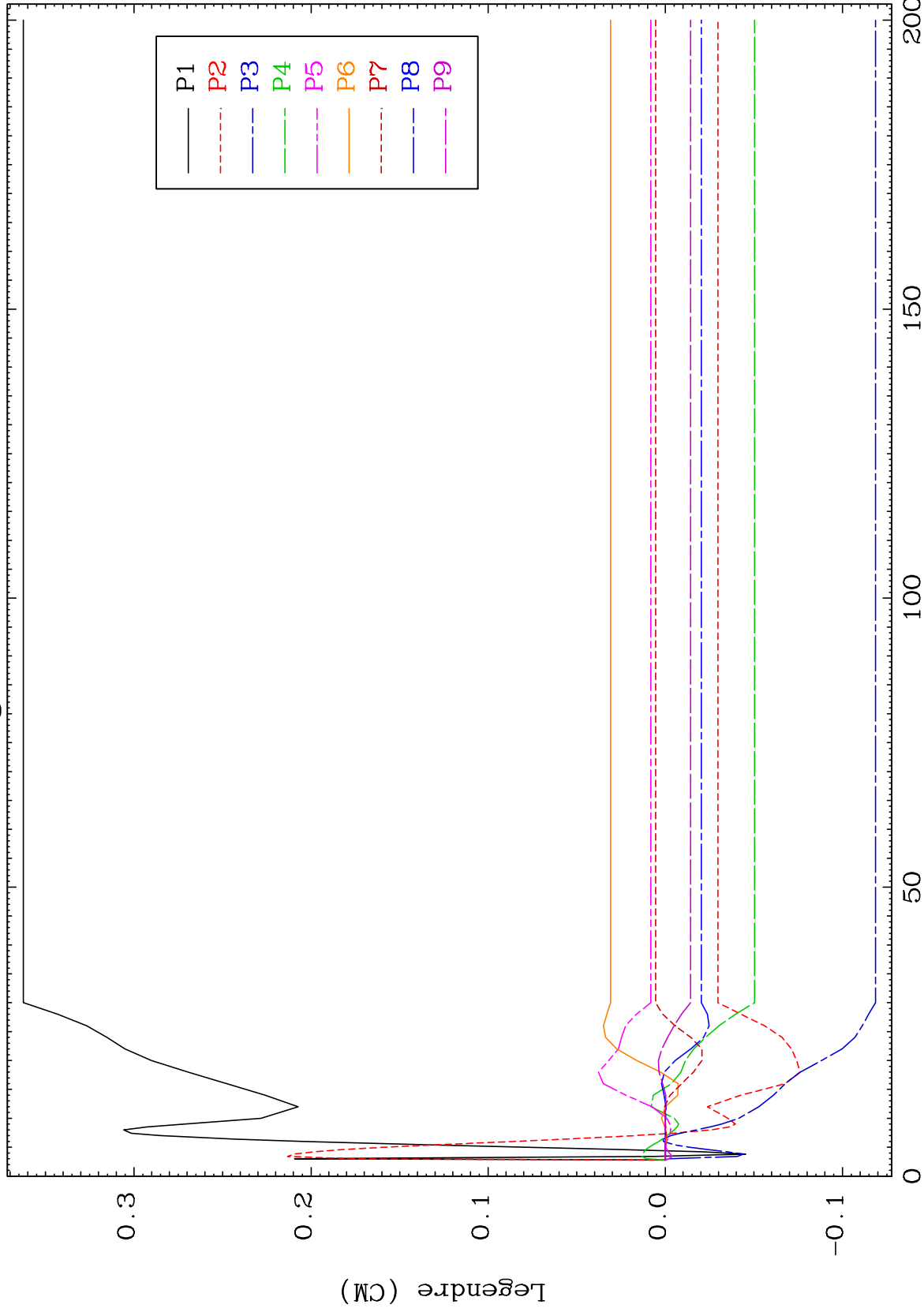
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



65

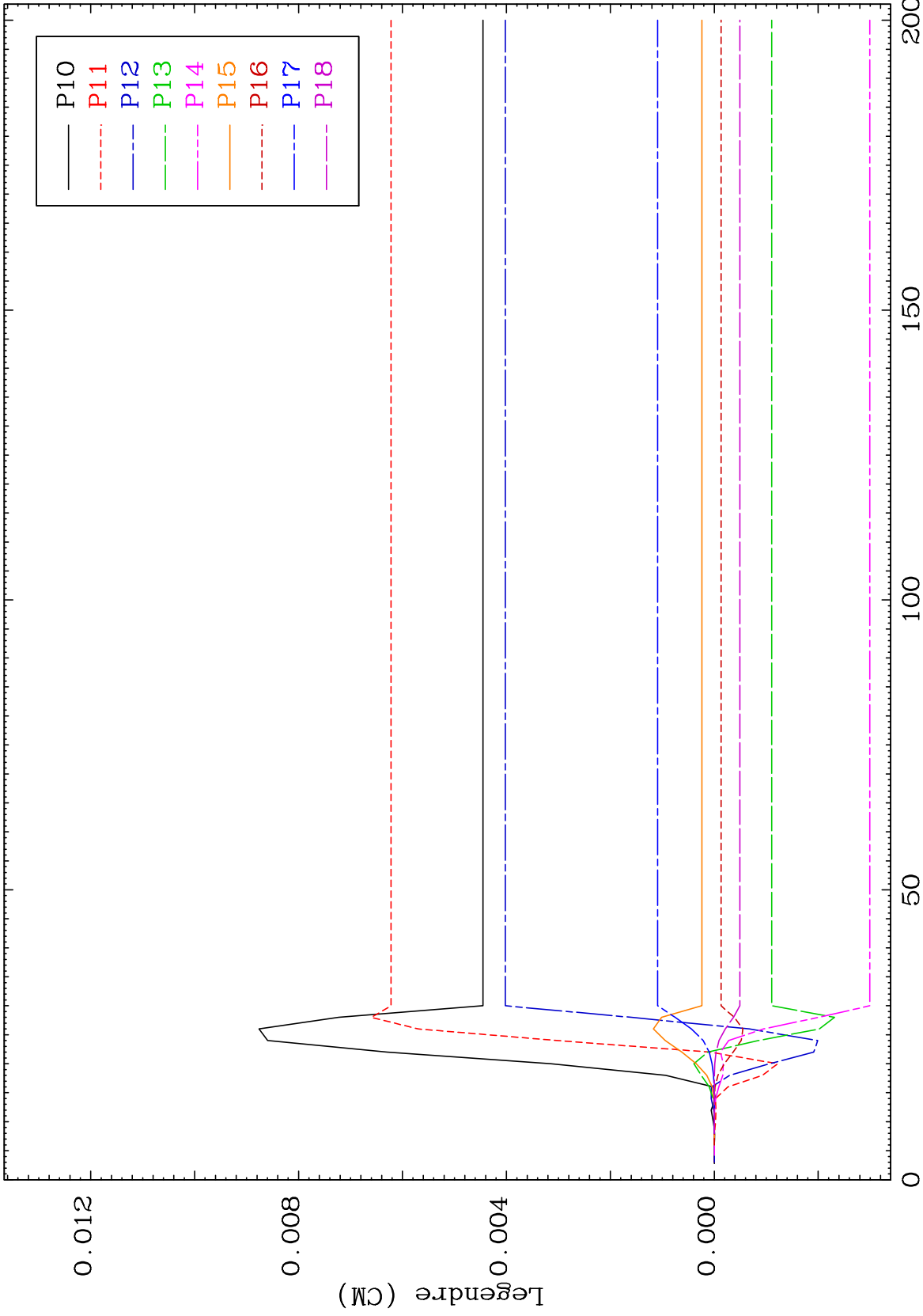
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



66

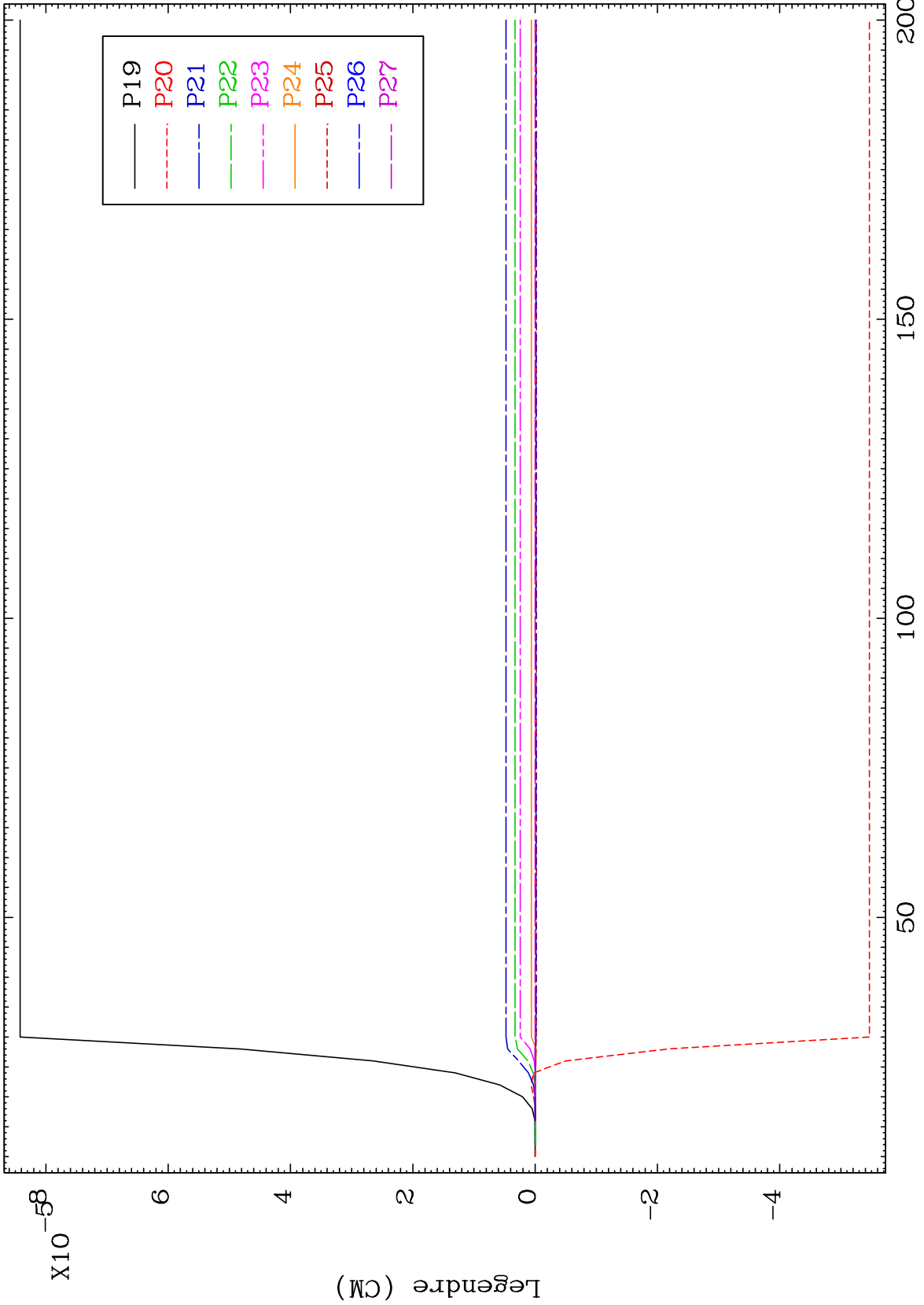
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



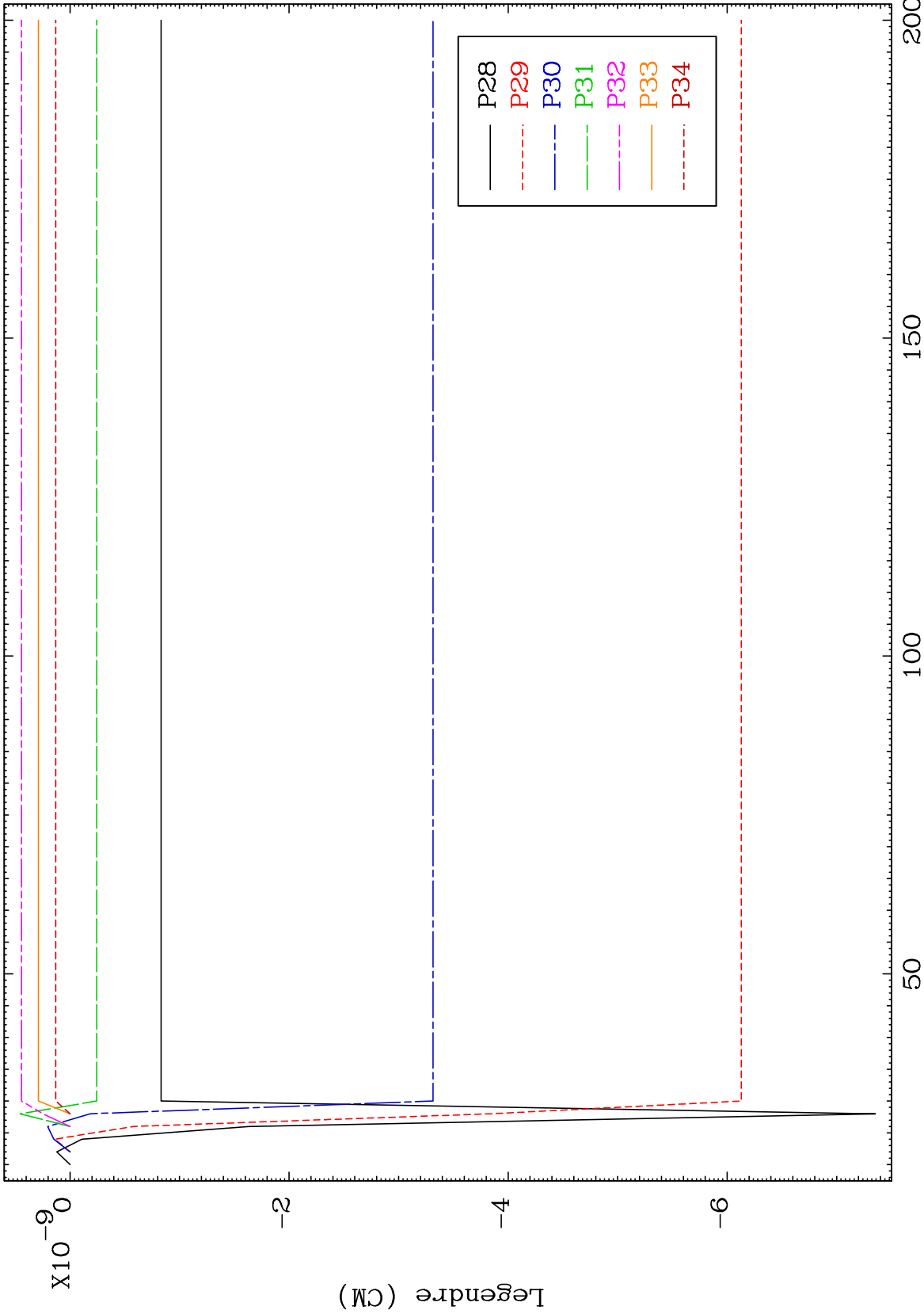
67

86-Rn-202

MAT 8598

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

86-Rn-202



68

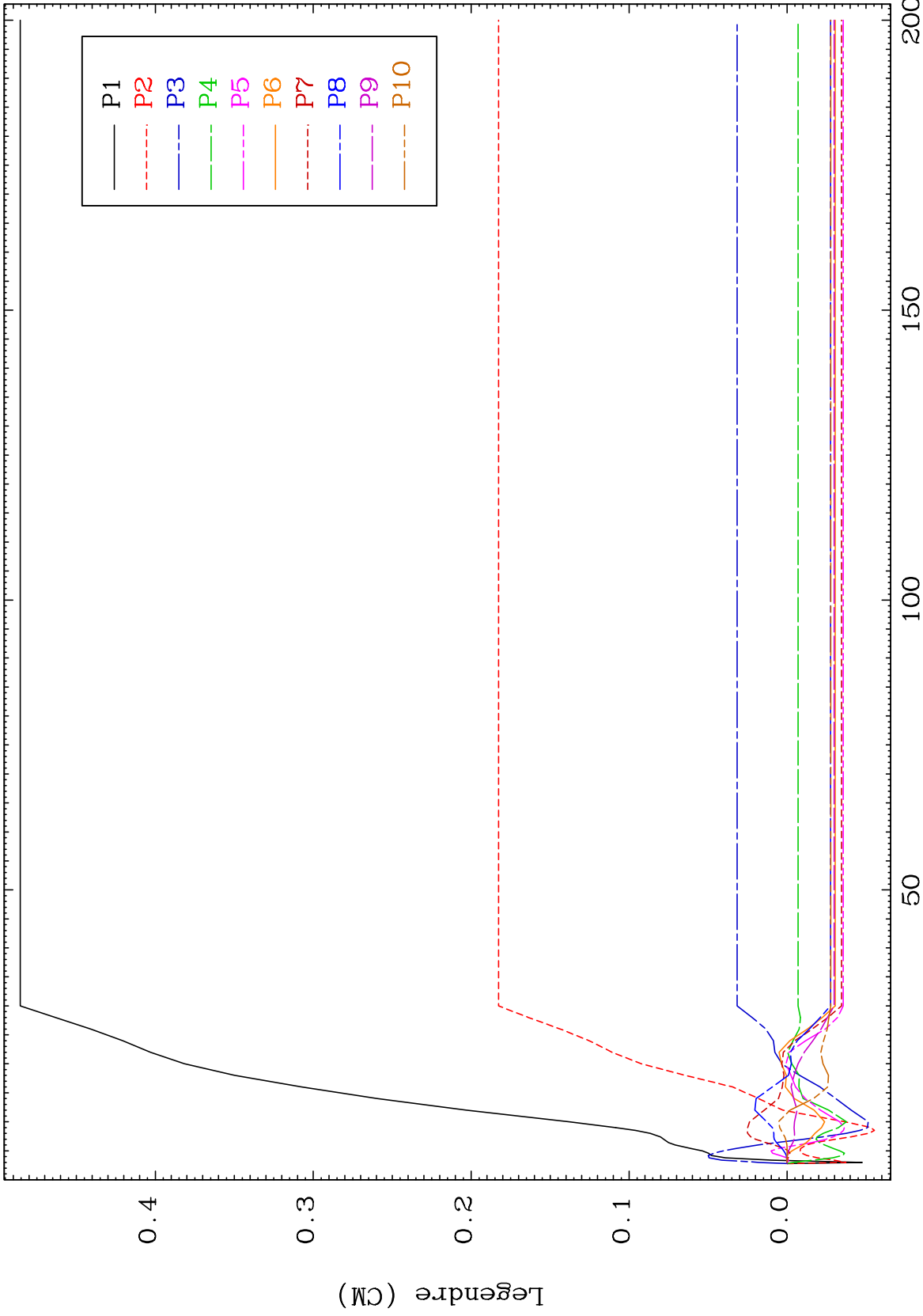
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



69

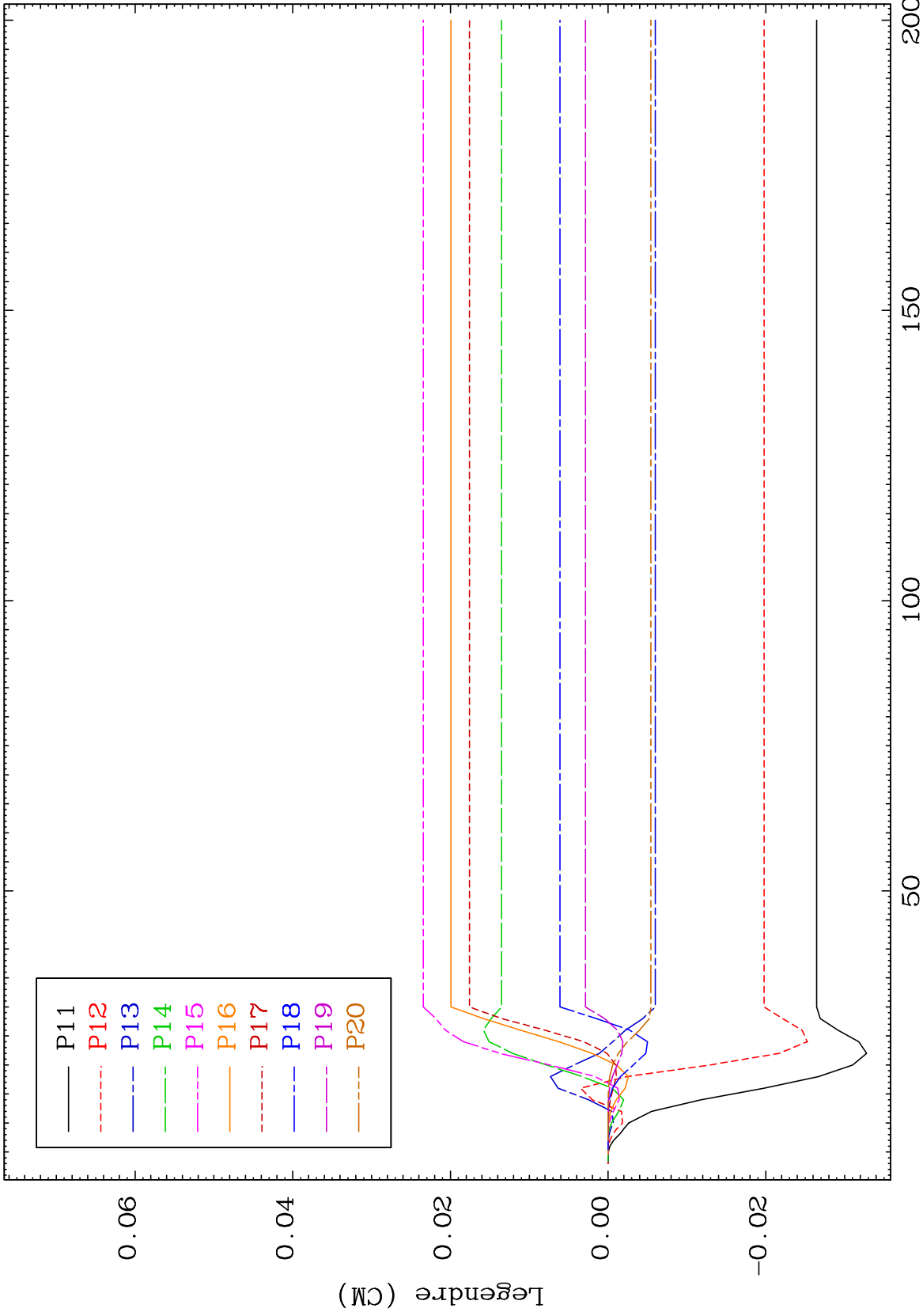
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



70

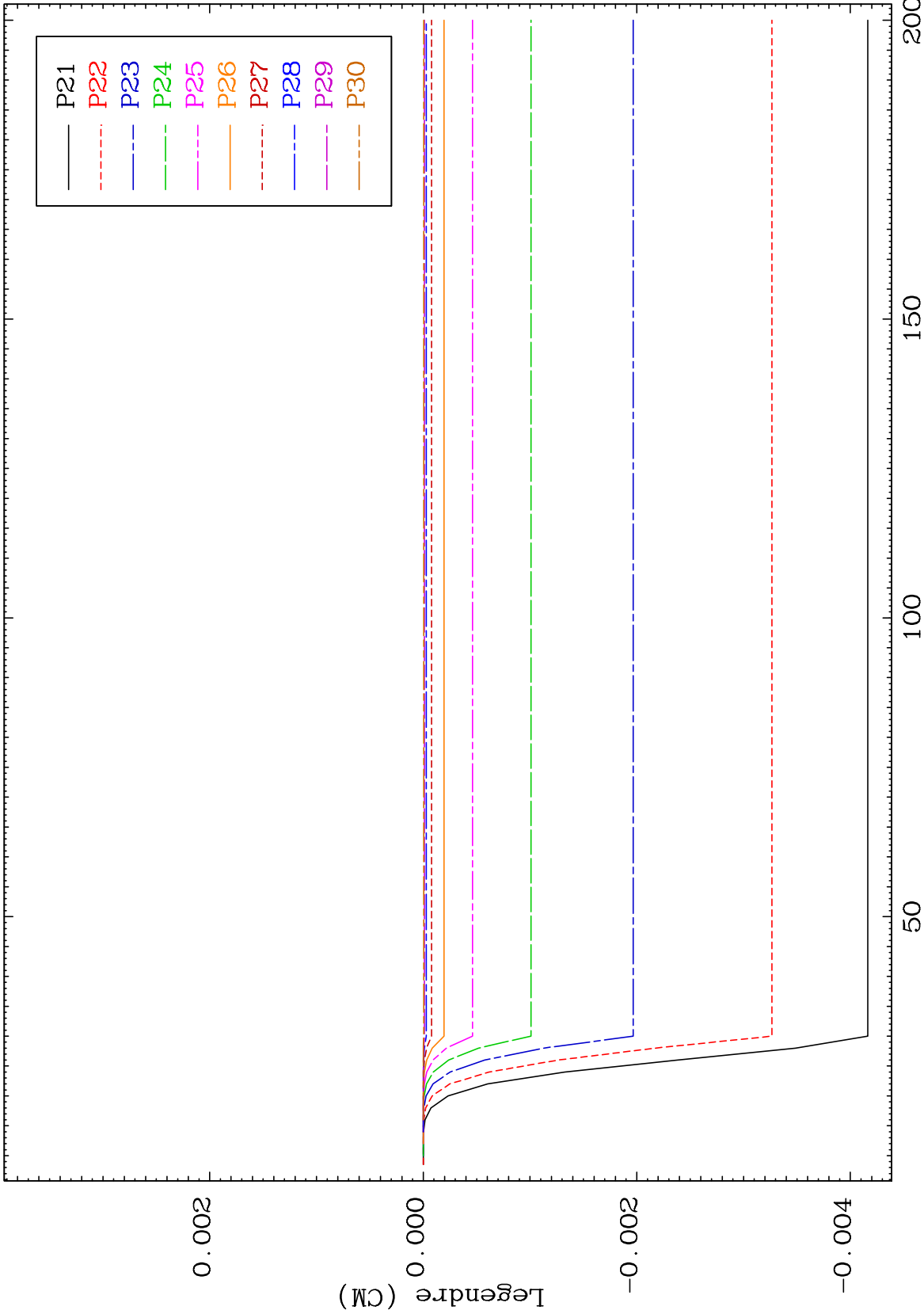
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



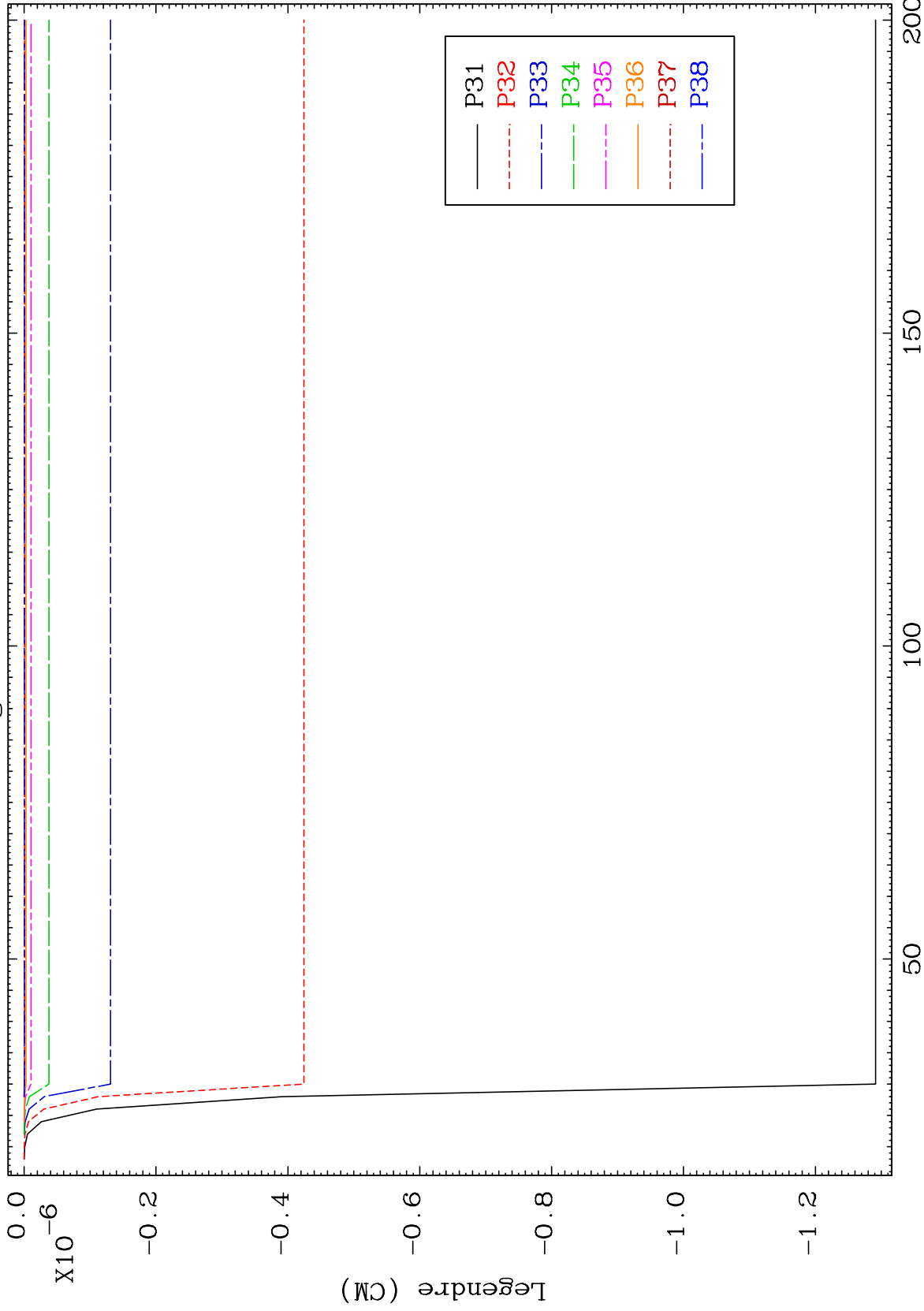
71

Incident Energy (MeV)

86-Rn-202



MAT 8598 MT= 64 (n,n') Level Legendre Coefficients 86-Rn-202

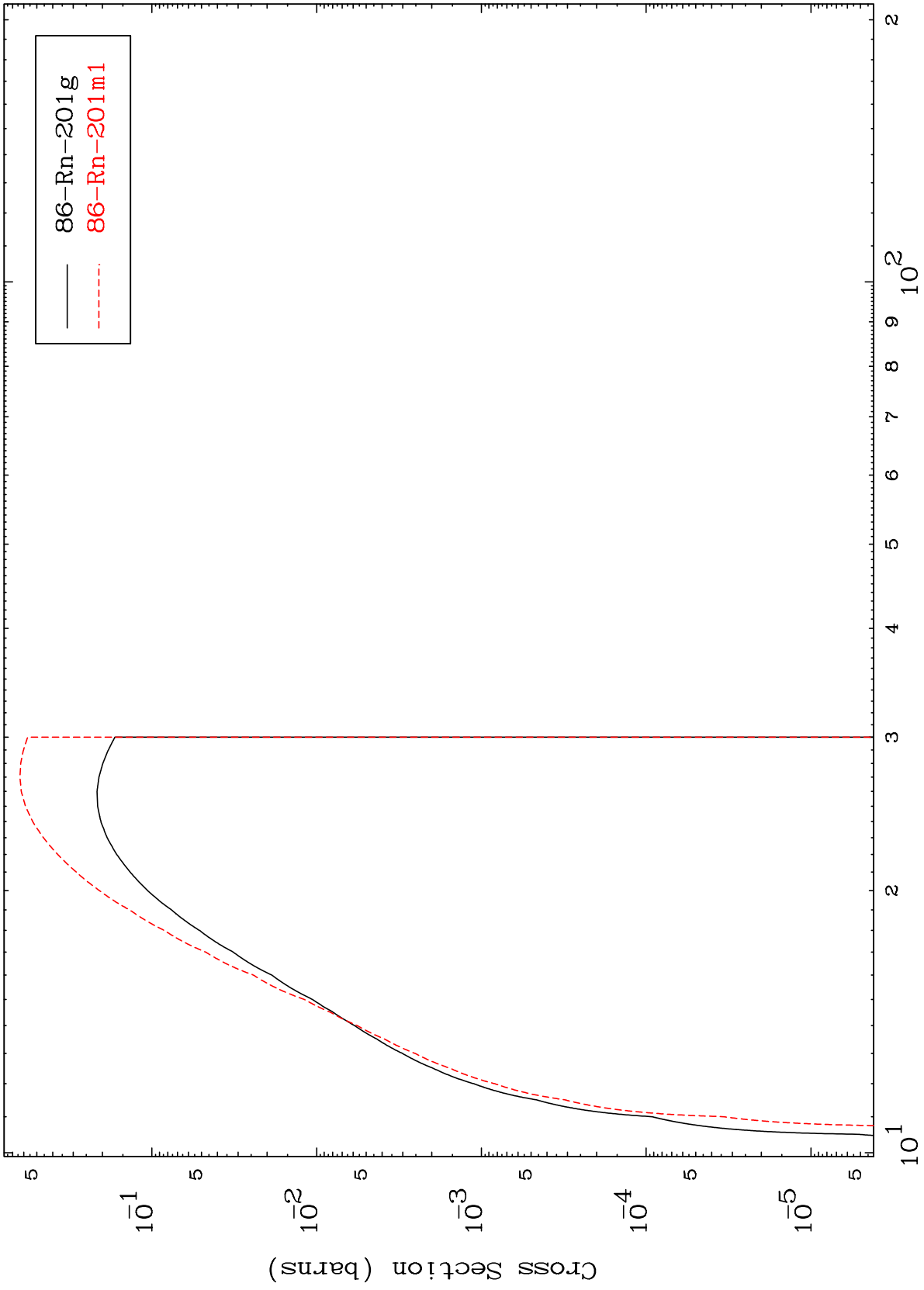


72 Incident Energy (MeV) 86-Rn-202

MAT 8598

86-Rn-202

(n,2n)  
Radionuclide Production Cross Section



73

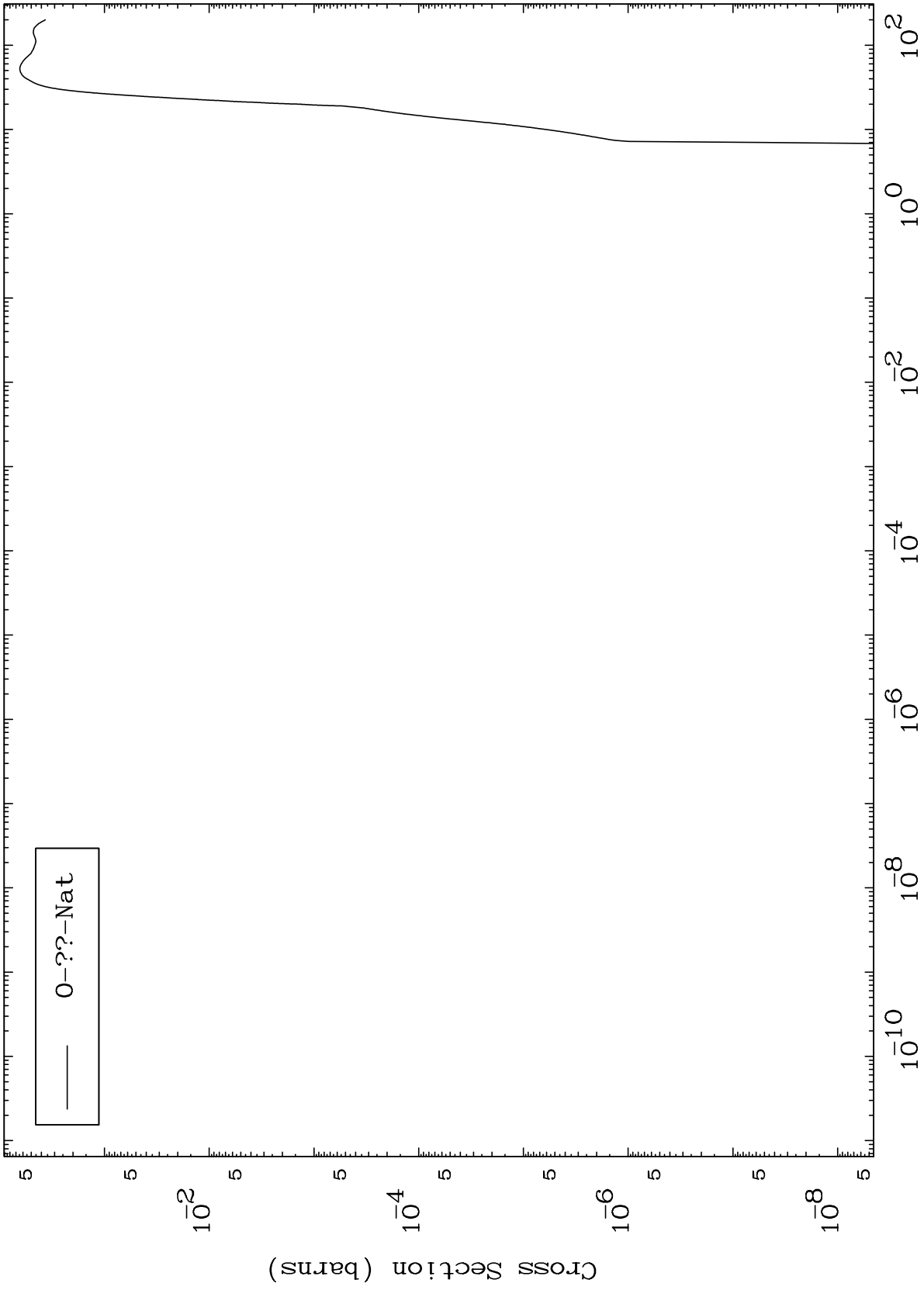
Incident Energy (MeV)

86-Rn-202

MAT 8598

Fission  
Radionuclide Production Cross Section

86-Rn-202



74

Incident Energy (MeV)

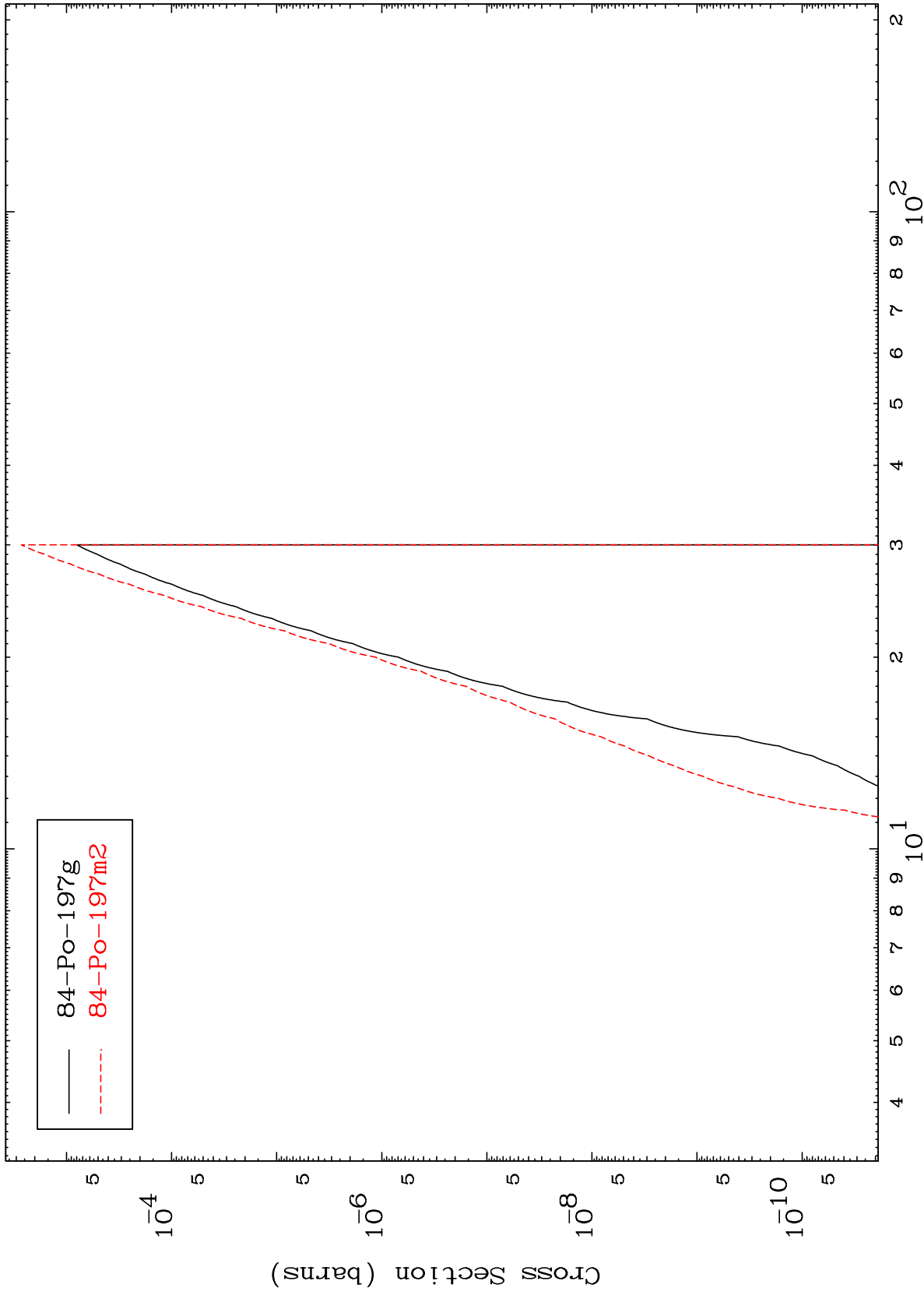
86-Rn-202

MAT 8598

(n,2n)  $\alpha$

86-Rn-202

Radionuclide Production Cross Section



75

Incident Energy (MeV)

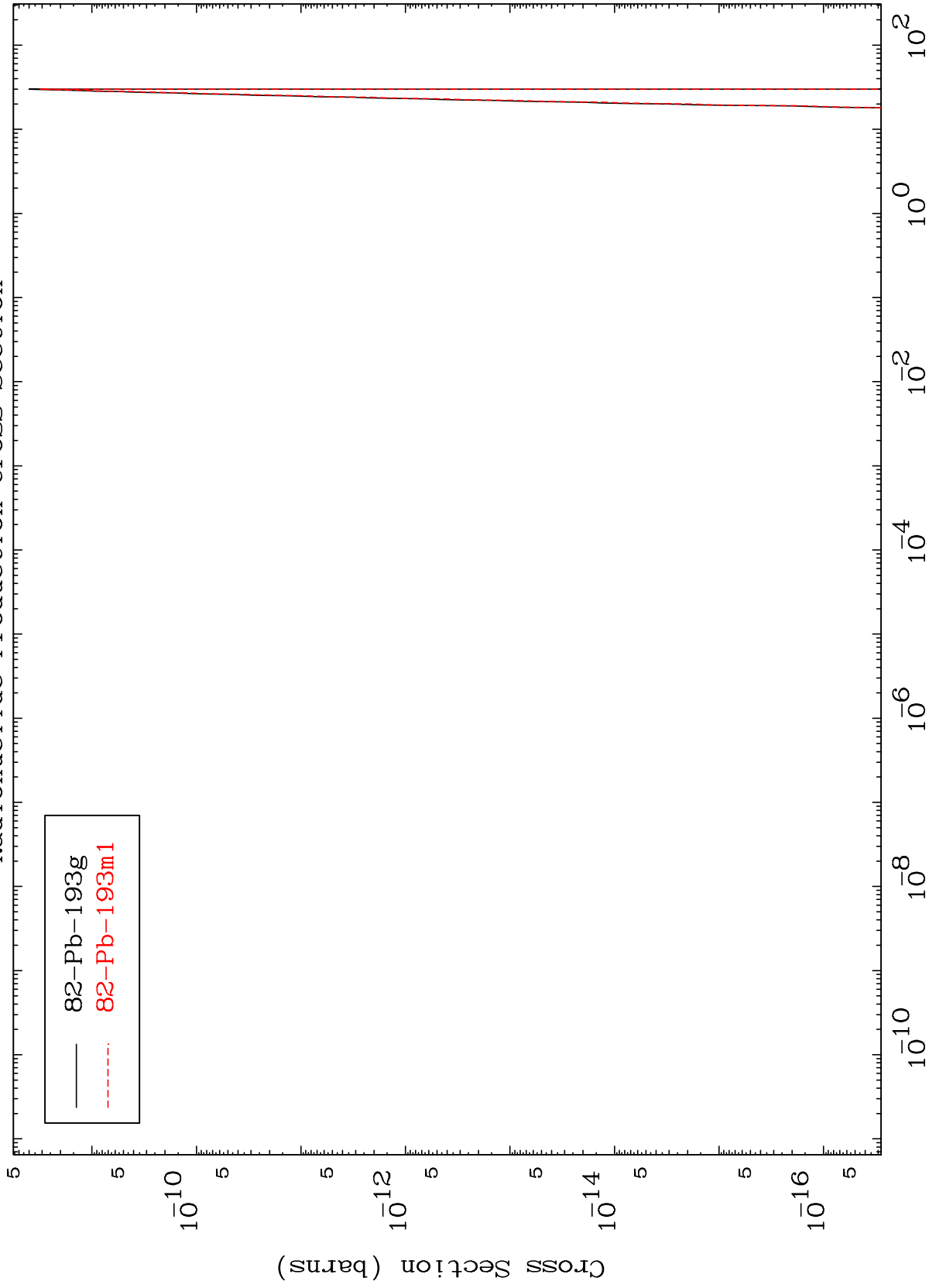
86-Rn-202

MAT 8598

(n,2n) 2 $\alpha$

86-Rn-202

Radionuclide Production Cross Section



76

Incident Energy (MeV)

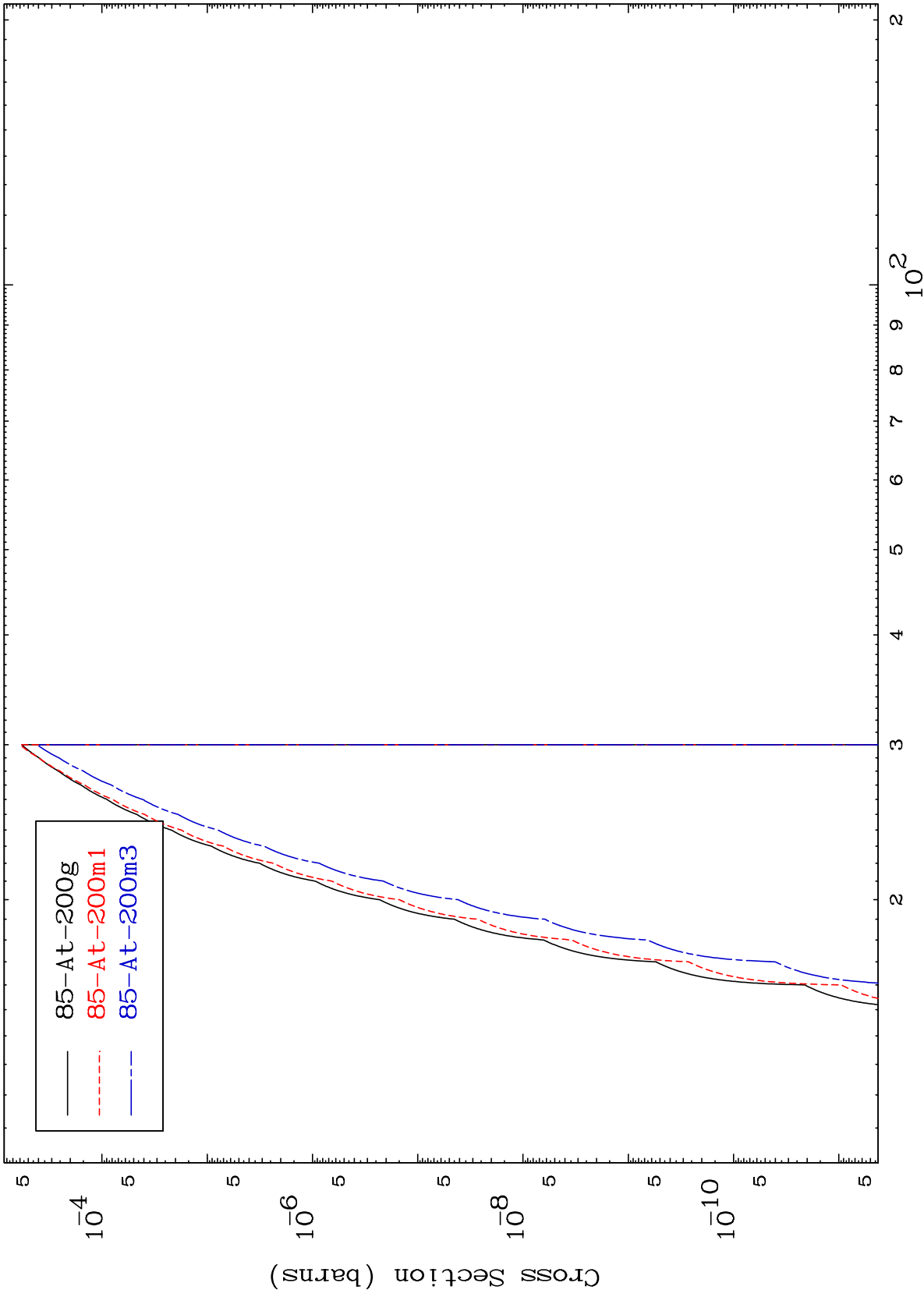
86-Rn-202

MAT 8598

(n,n') d

86-Rn-202

Radionuclide Production Cross Section



77

Incident Energy (MeV)

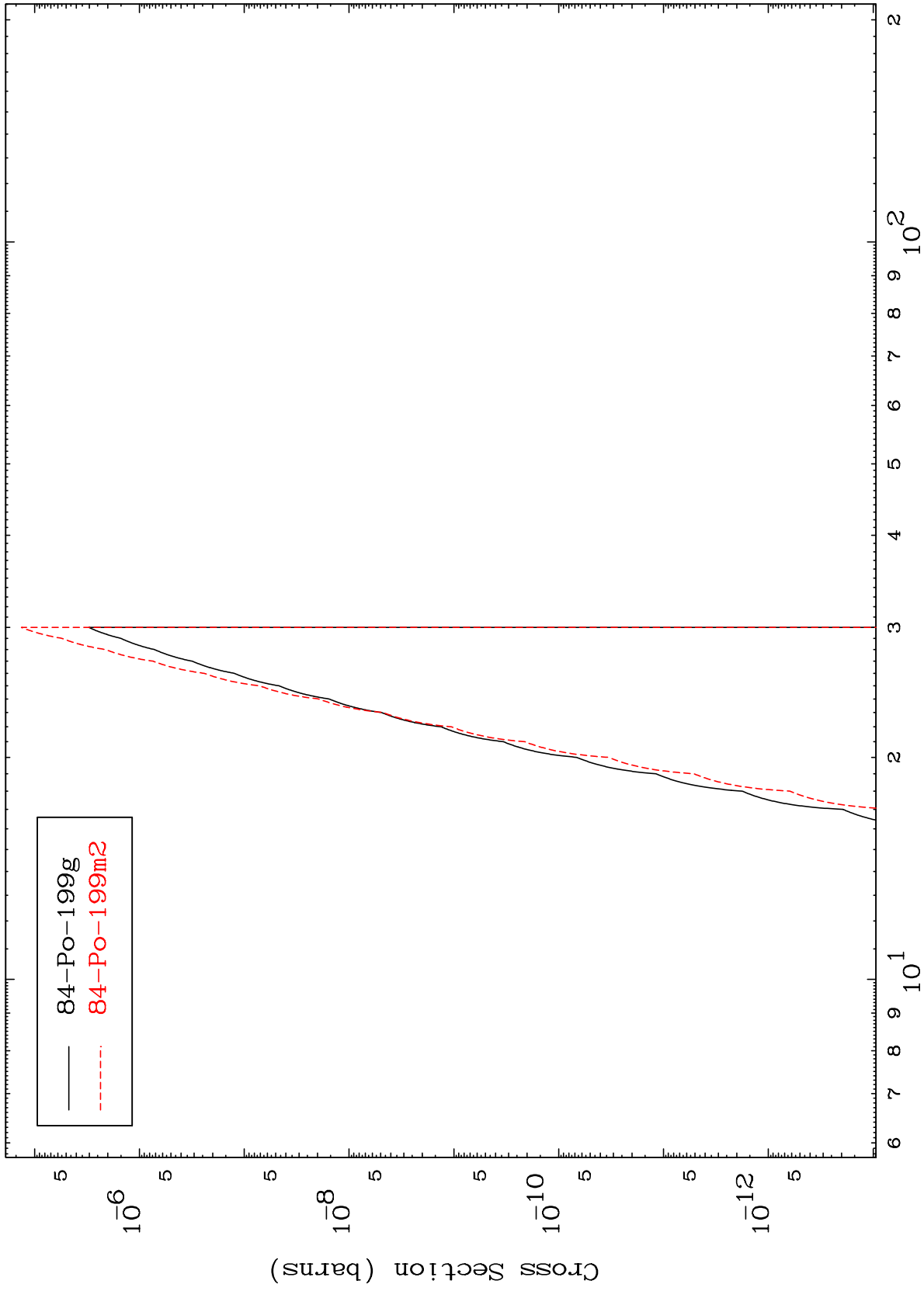
86-Rn-202

MAT 8598

(n, n') He-3

86-Rn-202

Radionuclide Production Cross Section



78

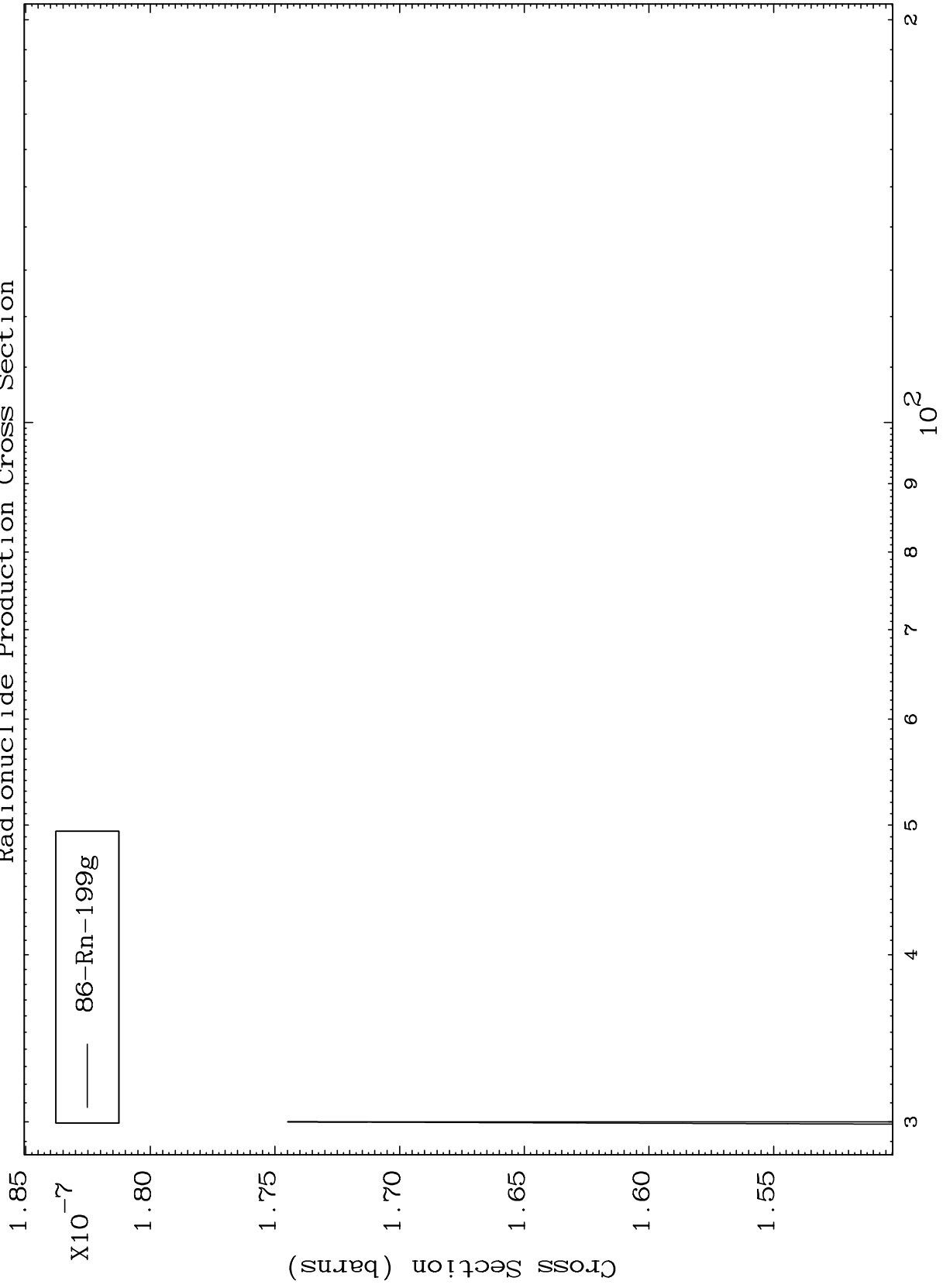
Incident Energy (MeV)

86-Rn-202

MAT 8598

86-Rn-202

(n,4n)  
Radionuclide Production Cross Section



79

86-Rn-202

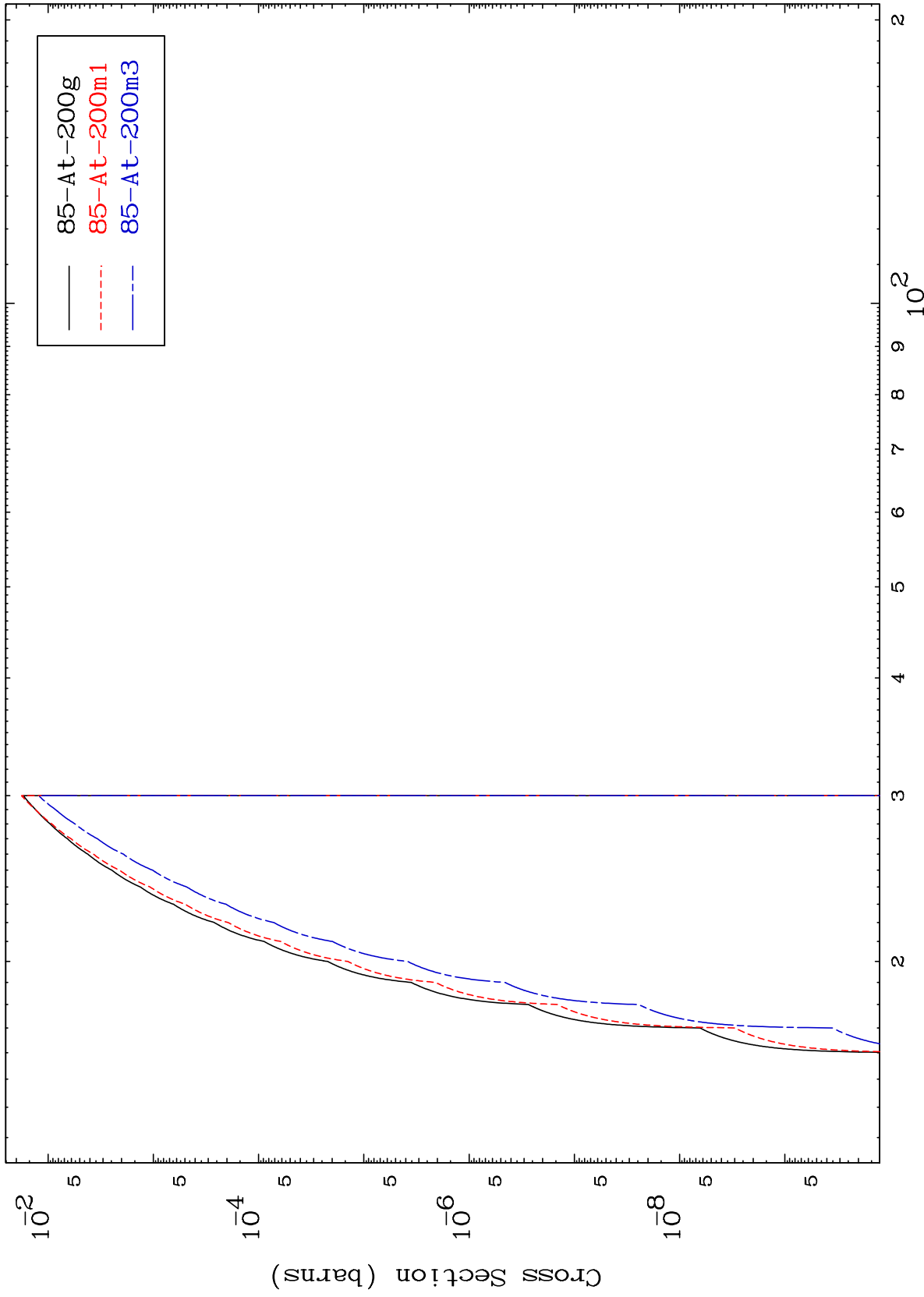


MAT 8598

(n,2n) p

86-Rn-202

Radionuclide Production Cross Section



80

Incident Energy (MeV)

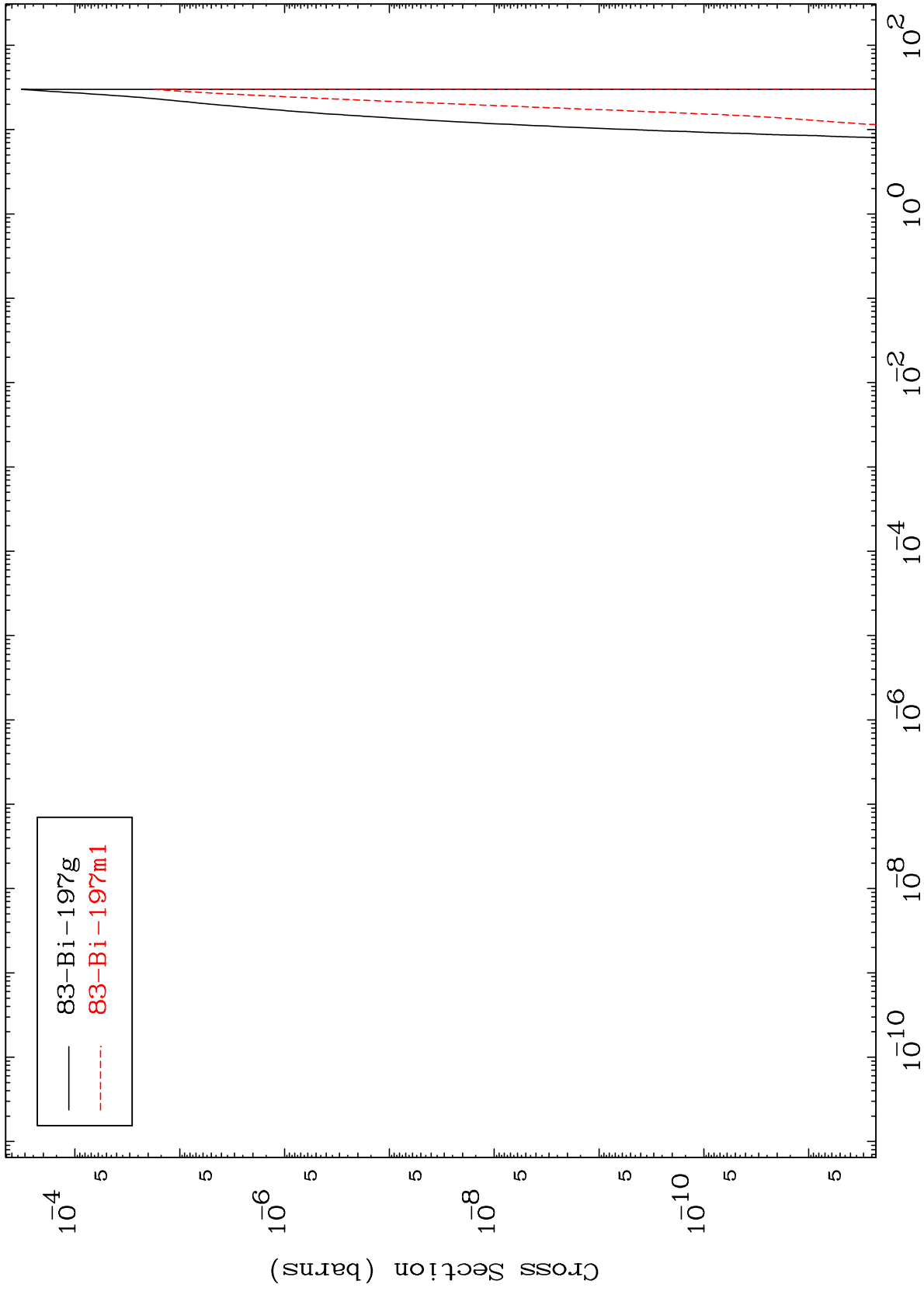
86-Rn-202

MAT 8598

(n,n') p  $\alpha$

86-Rn-202

Radionuclide Production Cross Section

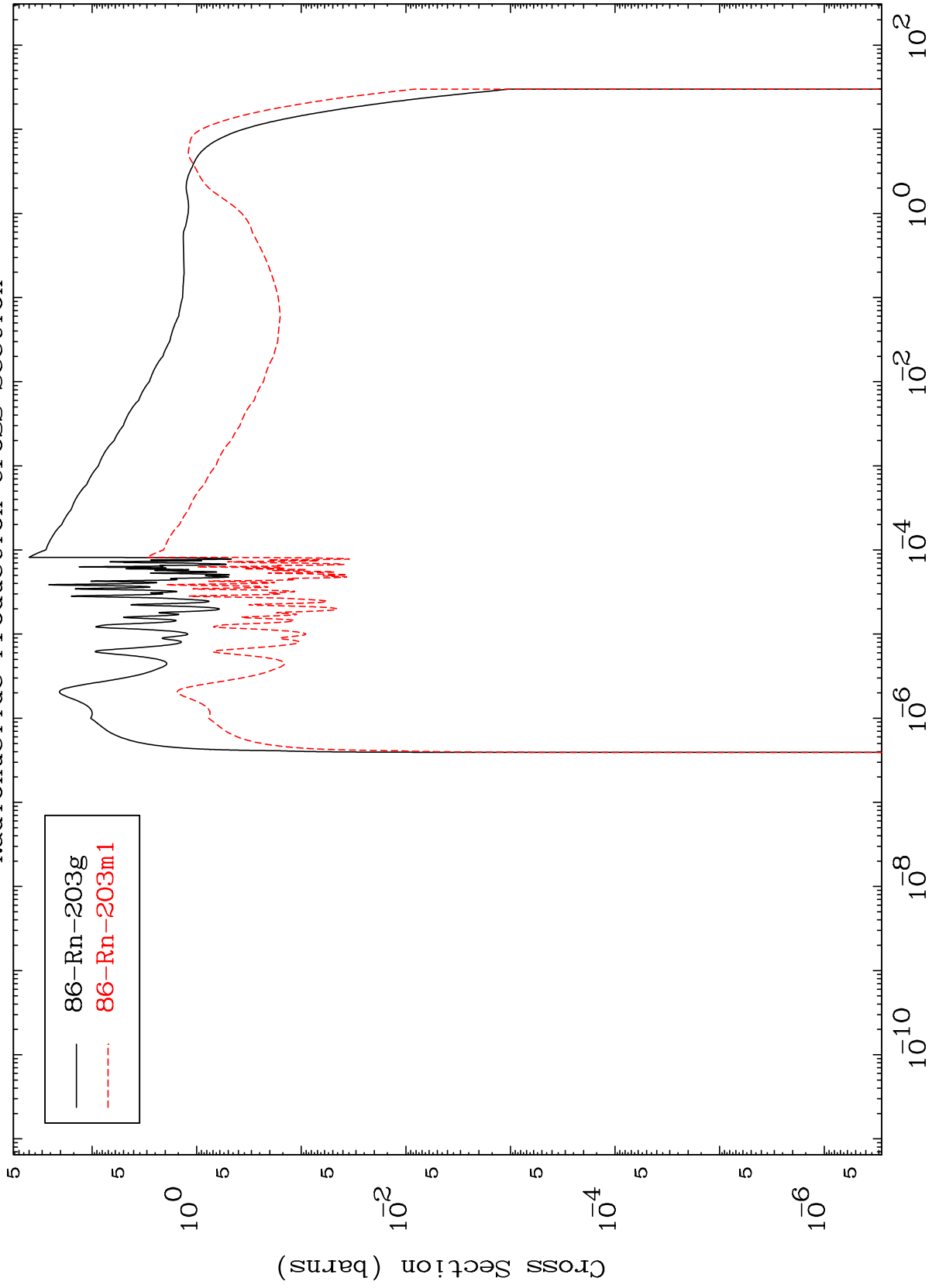


83-Bi-197g  
83-Bi-197m1

MAT 8598

86-Rn-202

Radionuclide Production Cross Section (n,γ)



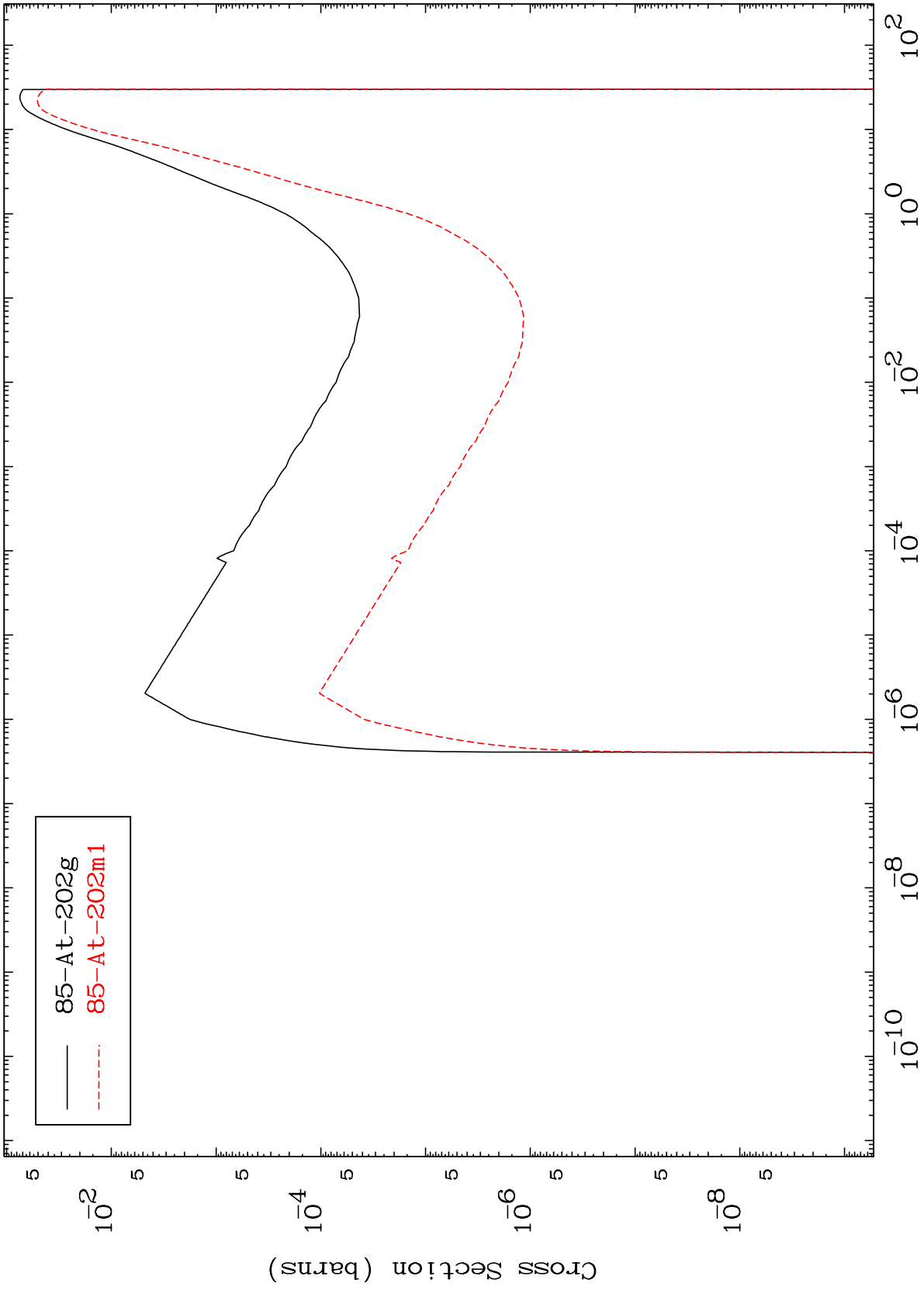
82

86-Rn-202

MAT 8598

86-Rn-202

(n,p)  
Radionuclide Production Cross Section



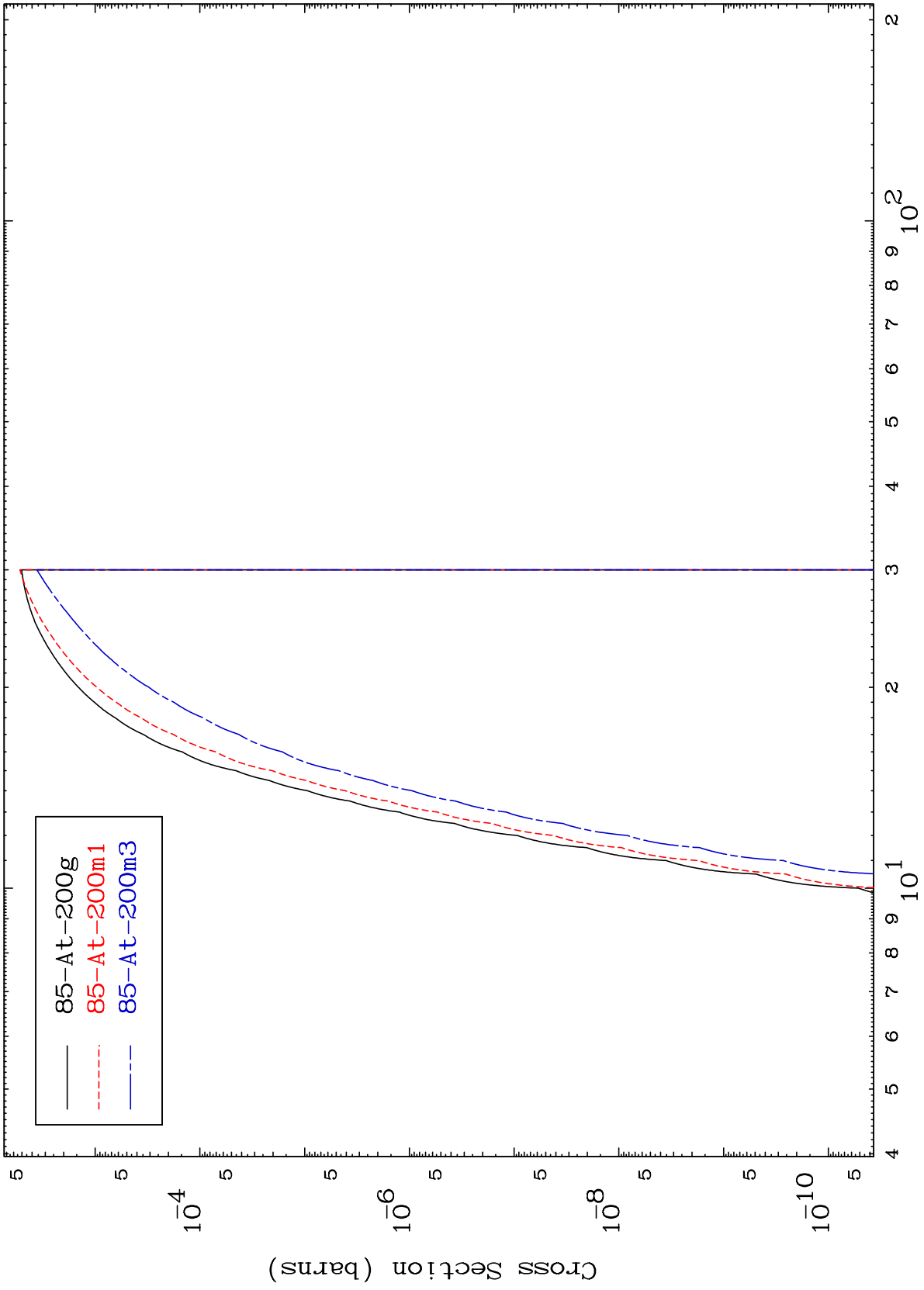
83

86-Rn-202

MAT 8598

86-Rn-202

(n, t)  
Radionuclide Production Cross Section



84

Incident Energy (MeV)

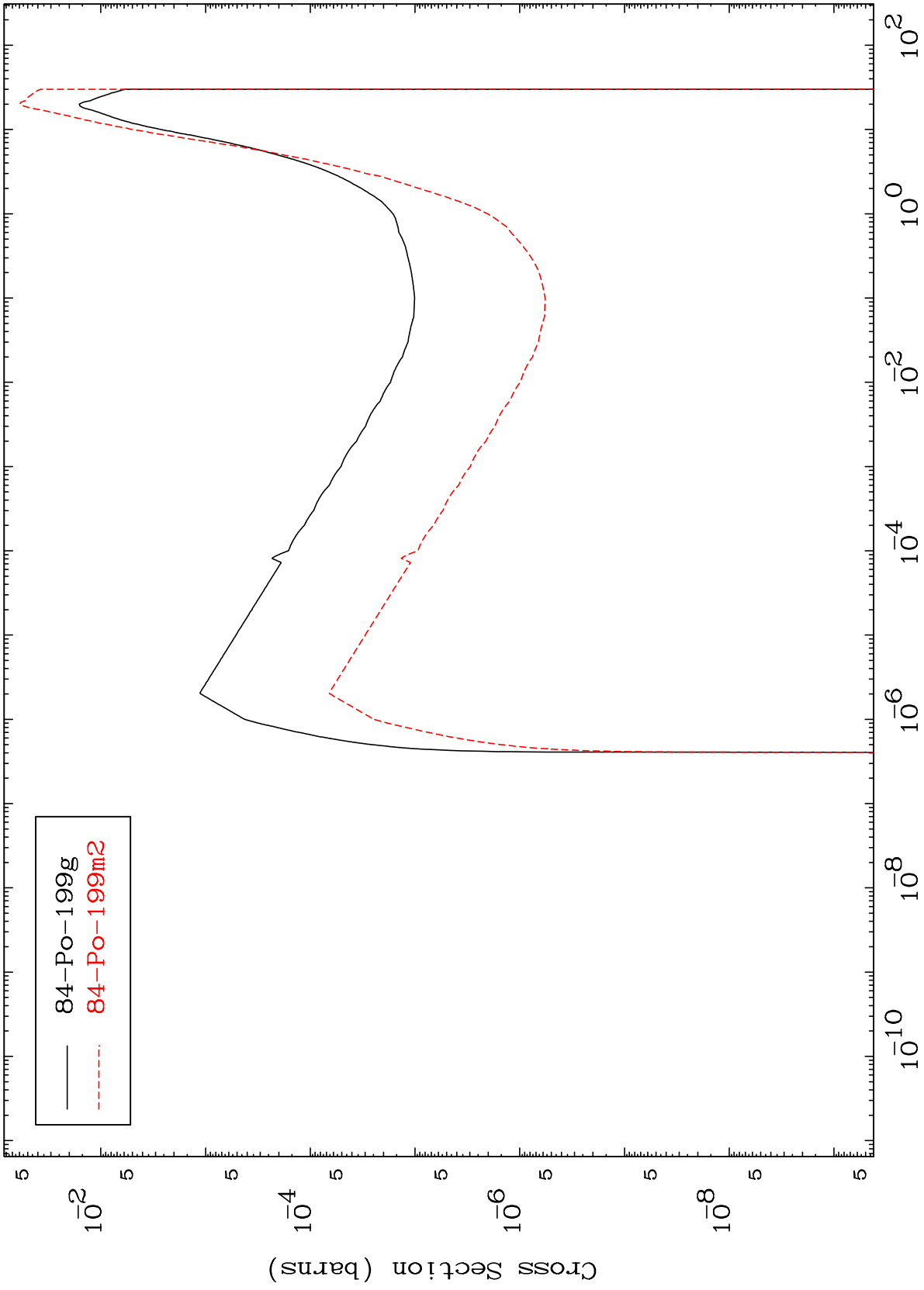
86-Rn-202

MAT 8598

(n,  $\alpha$ )

86-Rn-202

Radionuclide Production Cross Section



85

Incident Energy (MeV)

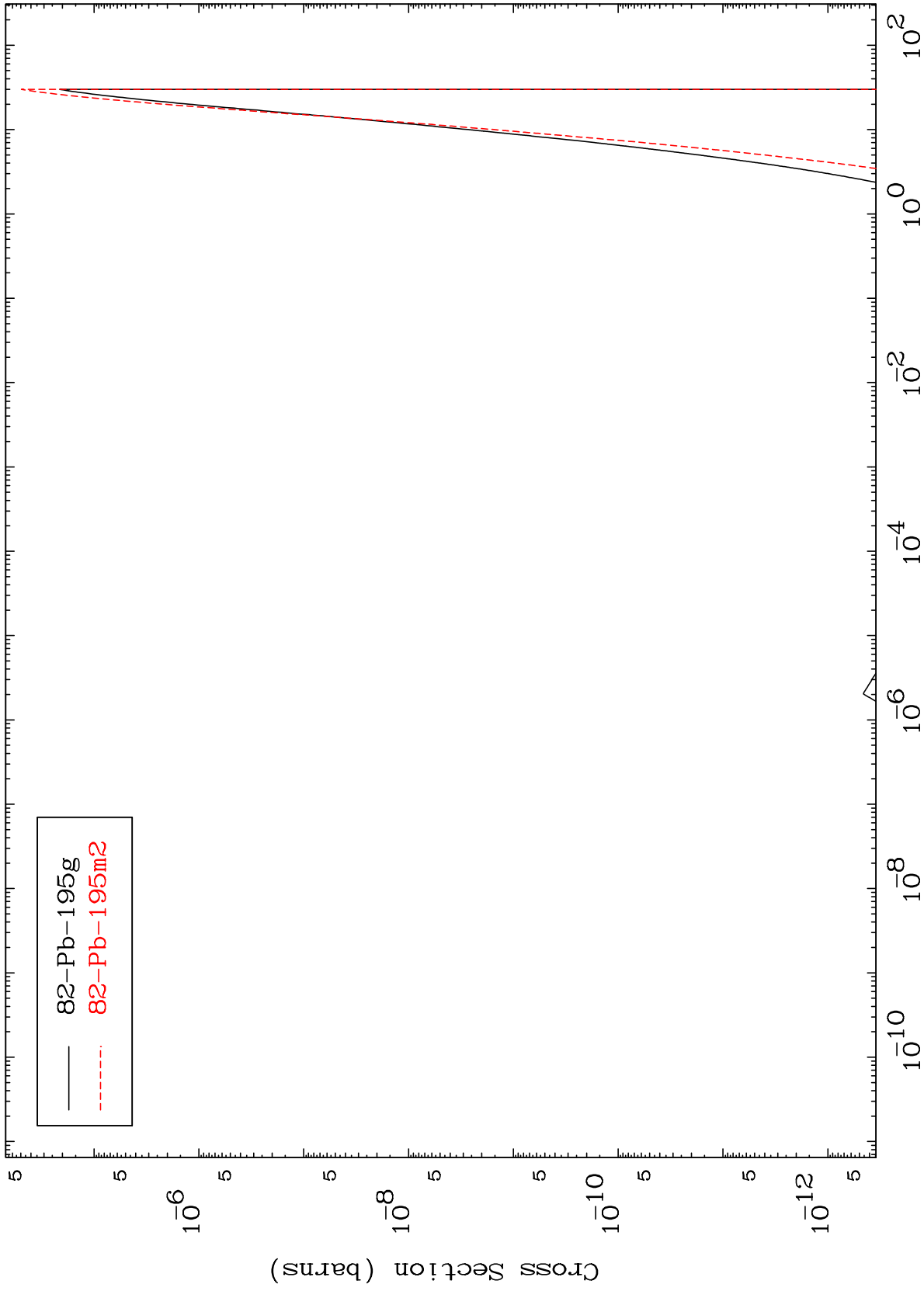
86-Rn-202

MAT 8598

(n,2α)

86-Rn-202

Radionuclide Production Cross Section



82-Pb-195g  
82-Pb-195m2

86

Incident Energy (MeV)

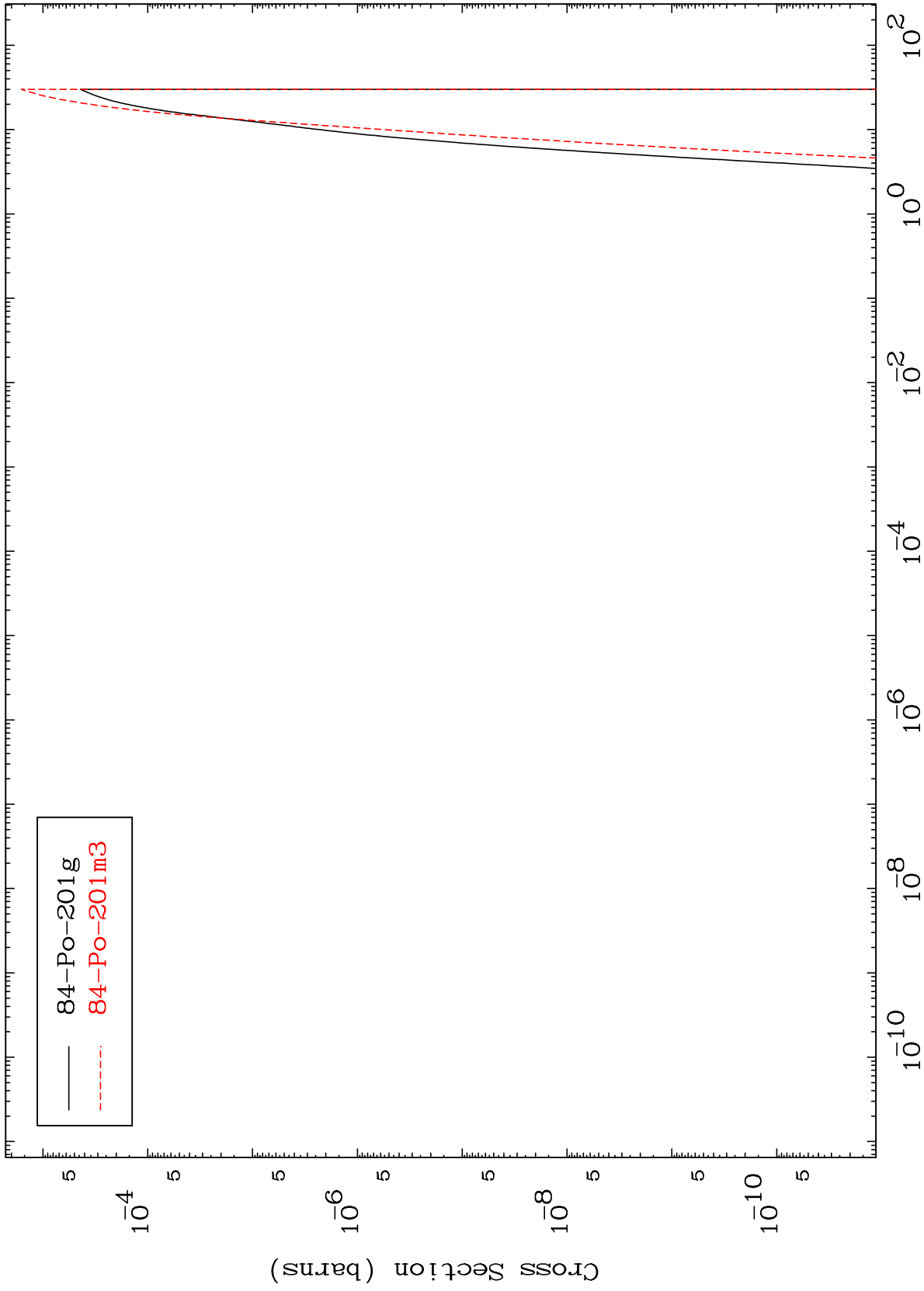
86-Rn-202

MAT 8598

(n,2p)

86-Rn-202

Radionuclide Production Cross Section



84-Po-201g  
84-Po-201m3

87

Incident Energy (MeV)

86-Rn-202

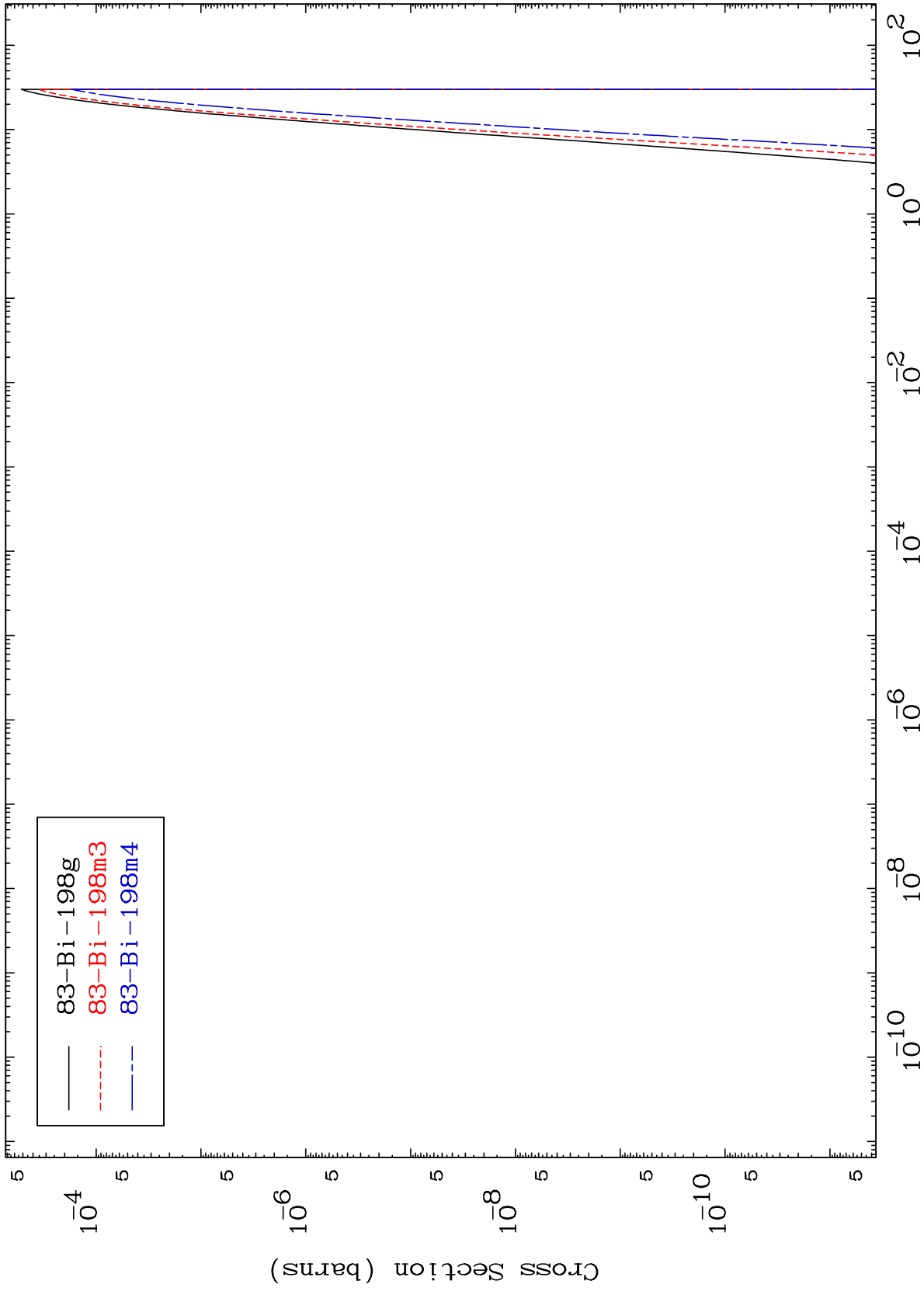


MAT 8598

(n,p)  $\alpha$

86-Rn-202

Radionuclide Production Cross Section



88

Incident Energy (MeV)

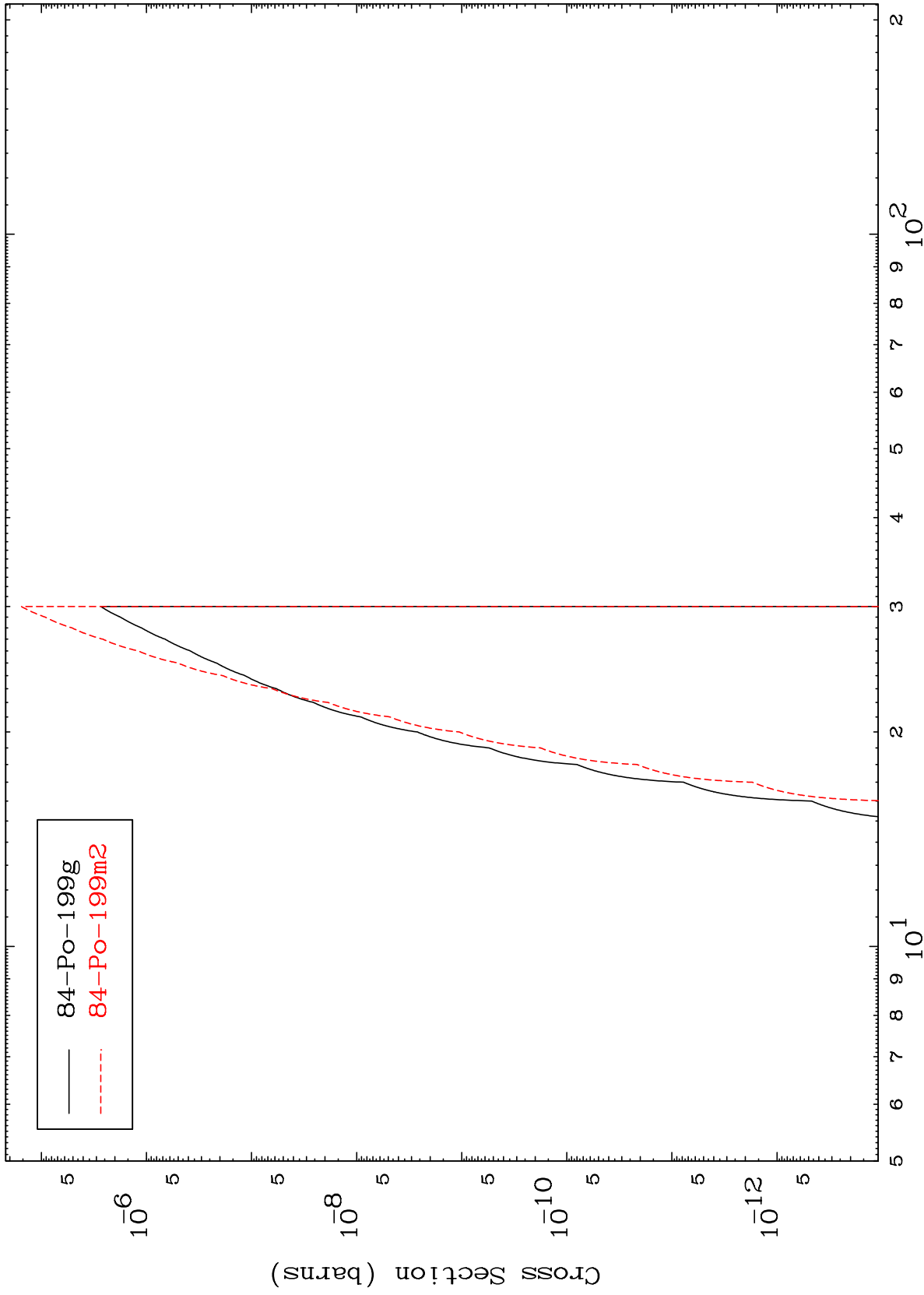
86-Rn-202

MAT 8598

(n,p) t

86-Rn-202

Radionuclide Production Cross Section



89

Incident Energy (MeV)

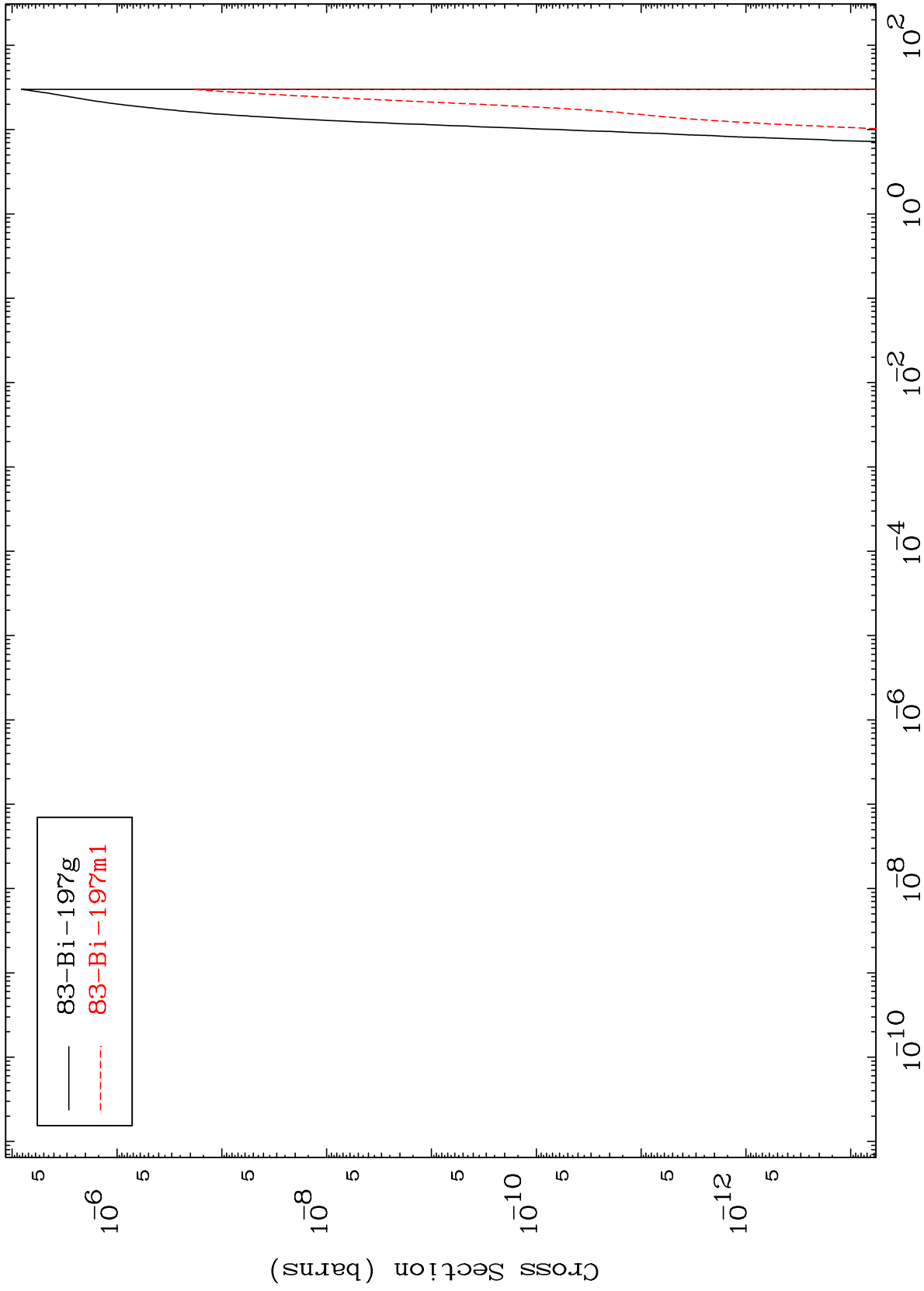
86-Rn-202

MAT 8598

(n,d)  $\alpha$

86-Rn-202

Radionuclide Production Cross Section



90

Incident Energy (MeV)

86-Rn-202