

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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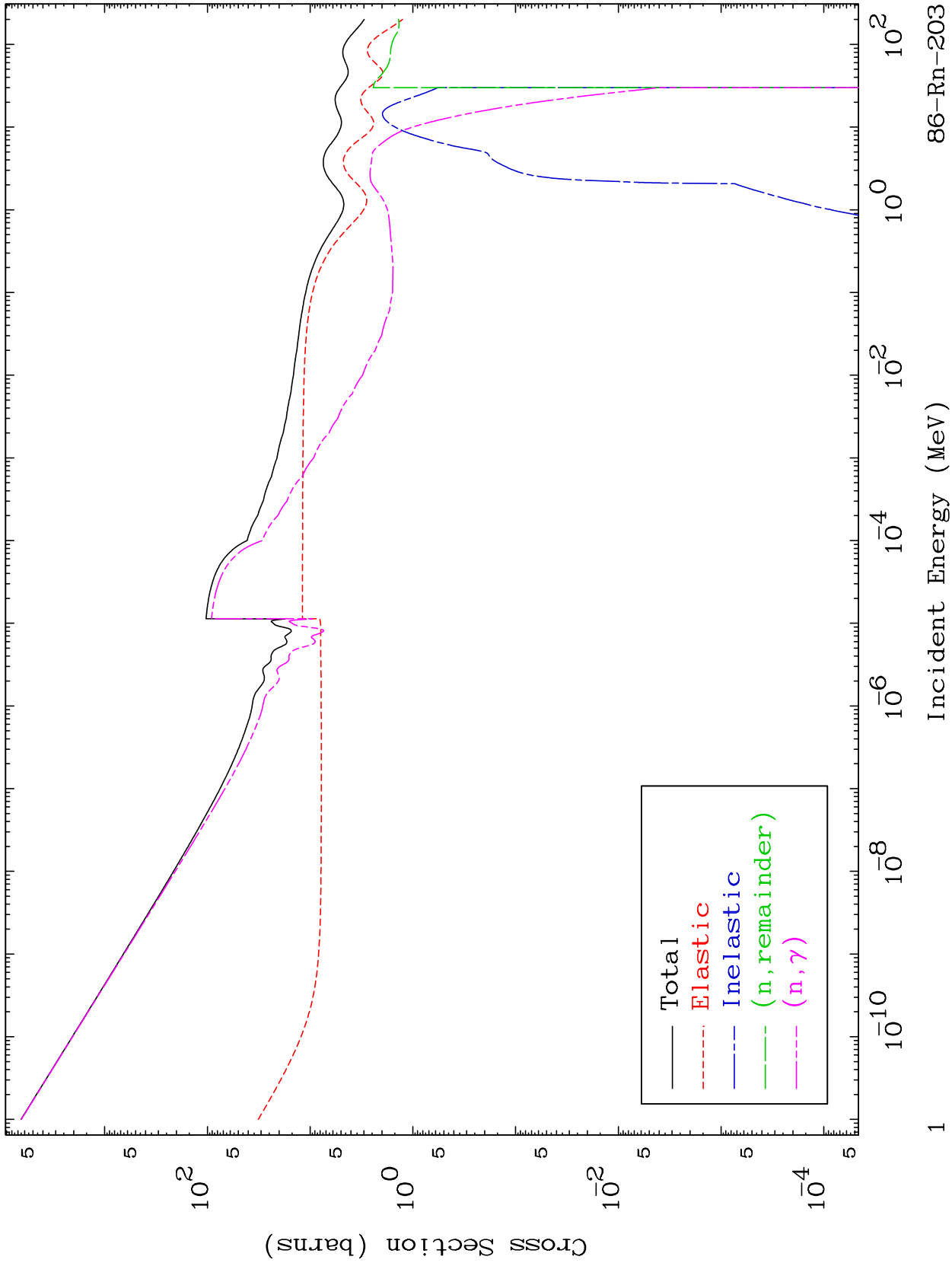
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8601

Major
293 Kelvin Cross Sections

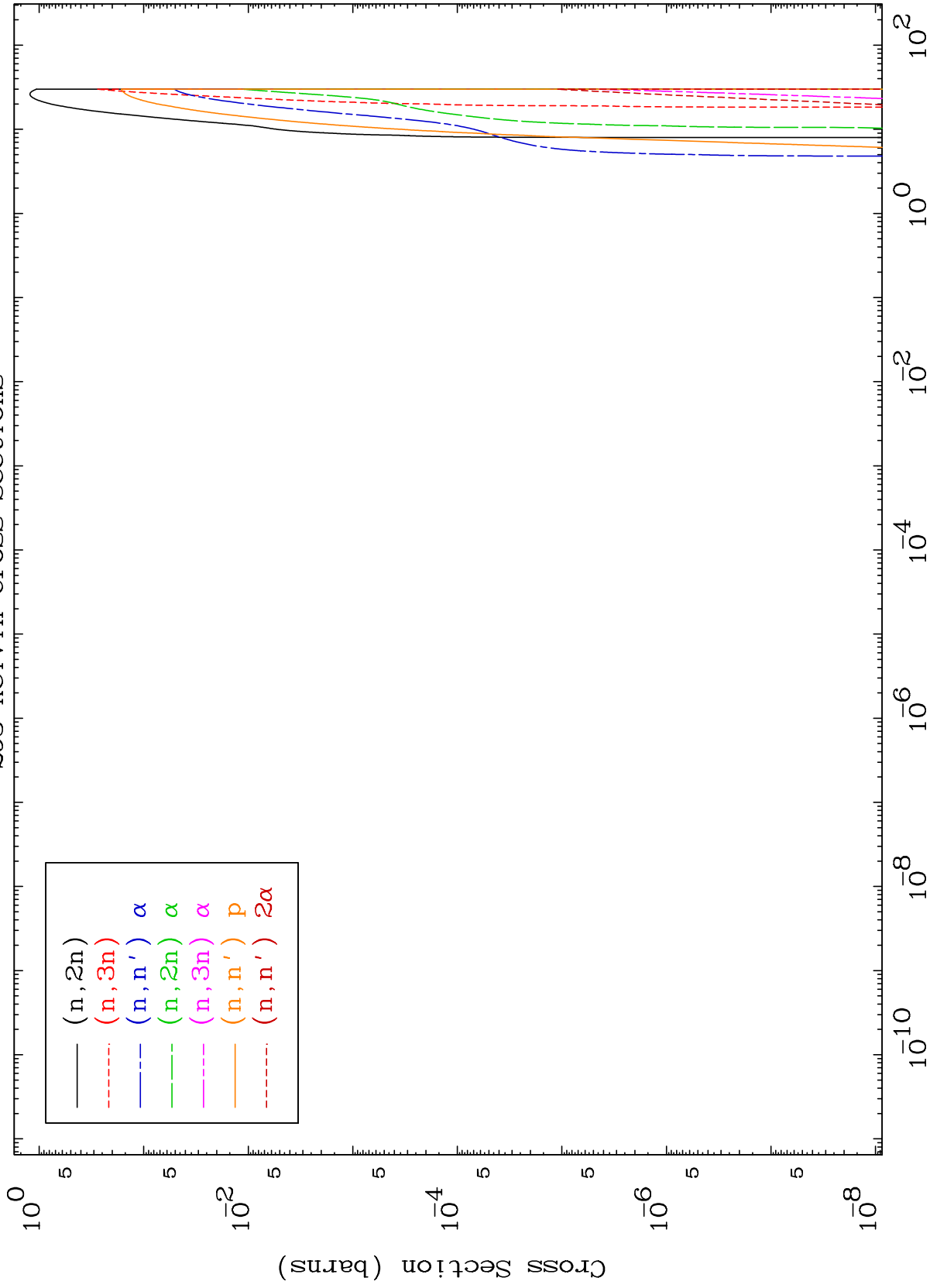
86-Rn-203



MAT 8601

Neutron Production
293 Kelvin Cross Sections

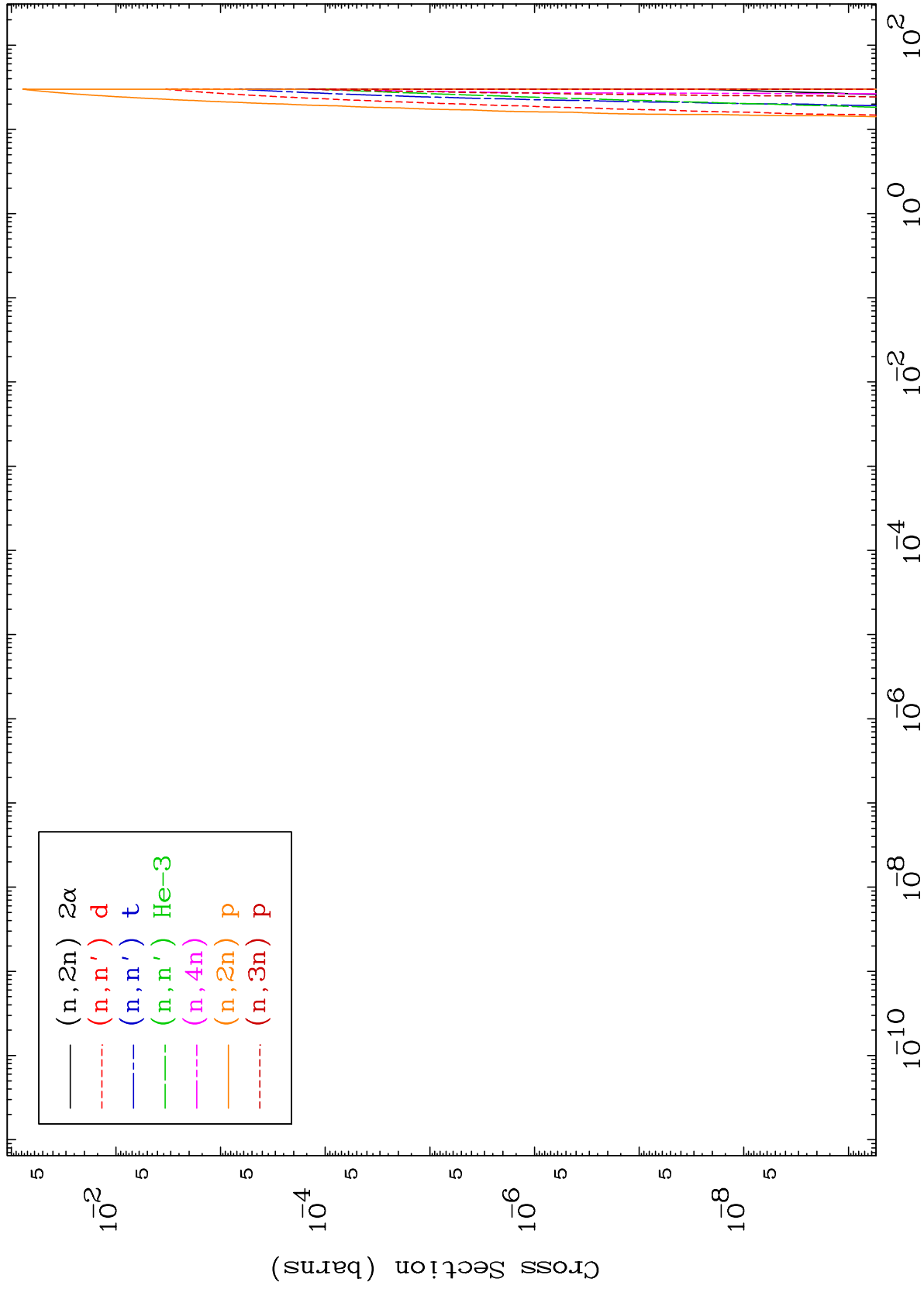
86-Rn-203



MAT 8601

Neutron Production
293 Kelvin Cross Sections

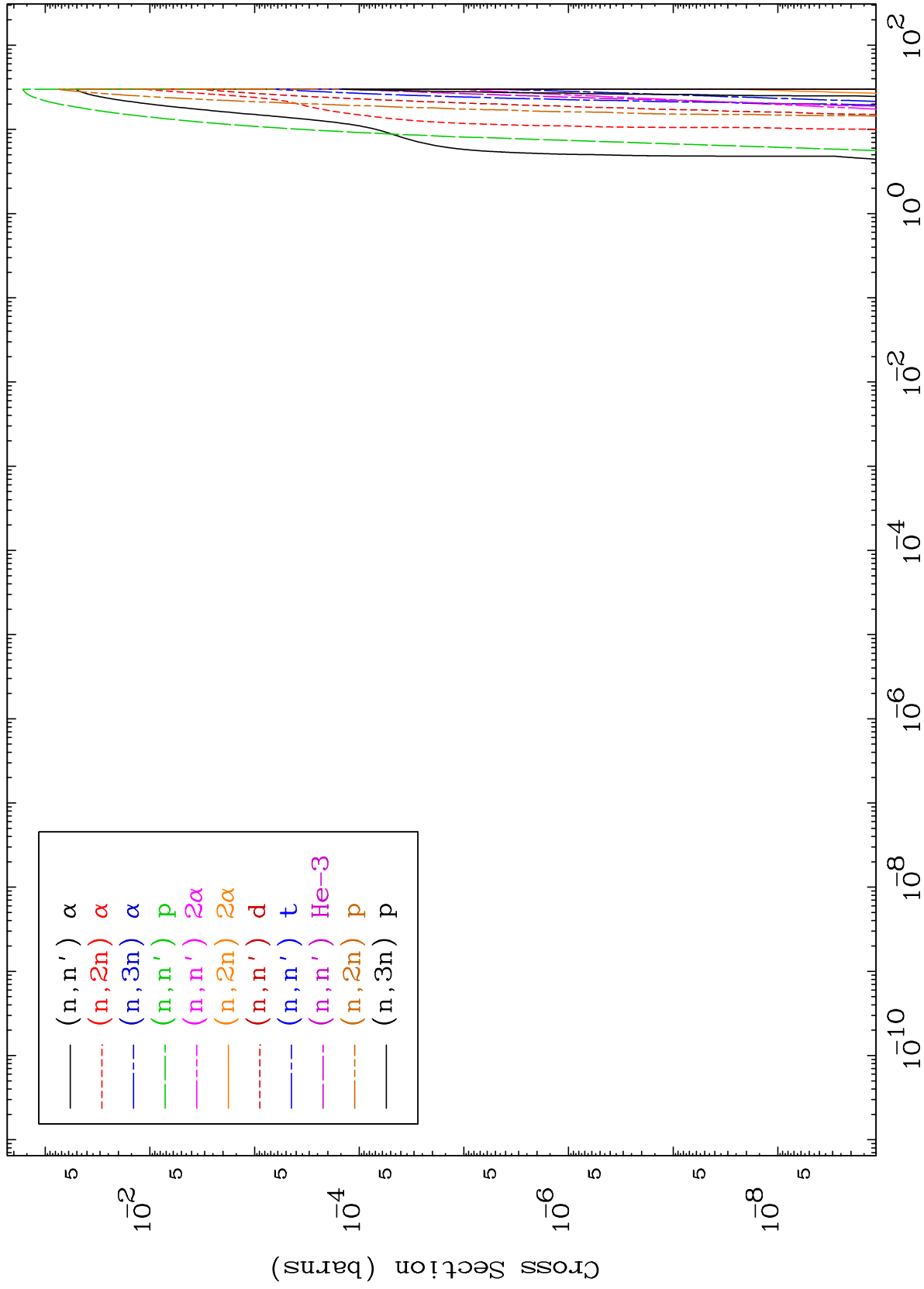
86-Rn-203



MAT 8601

293 Charged Particle
Kelvin Cross Sections

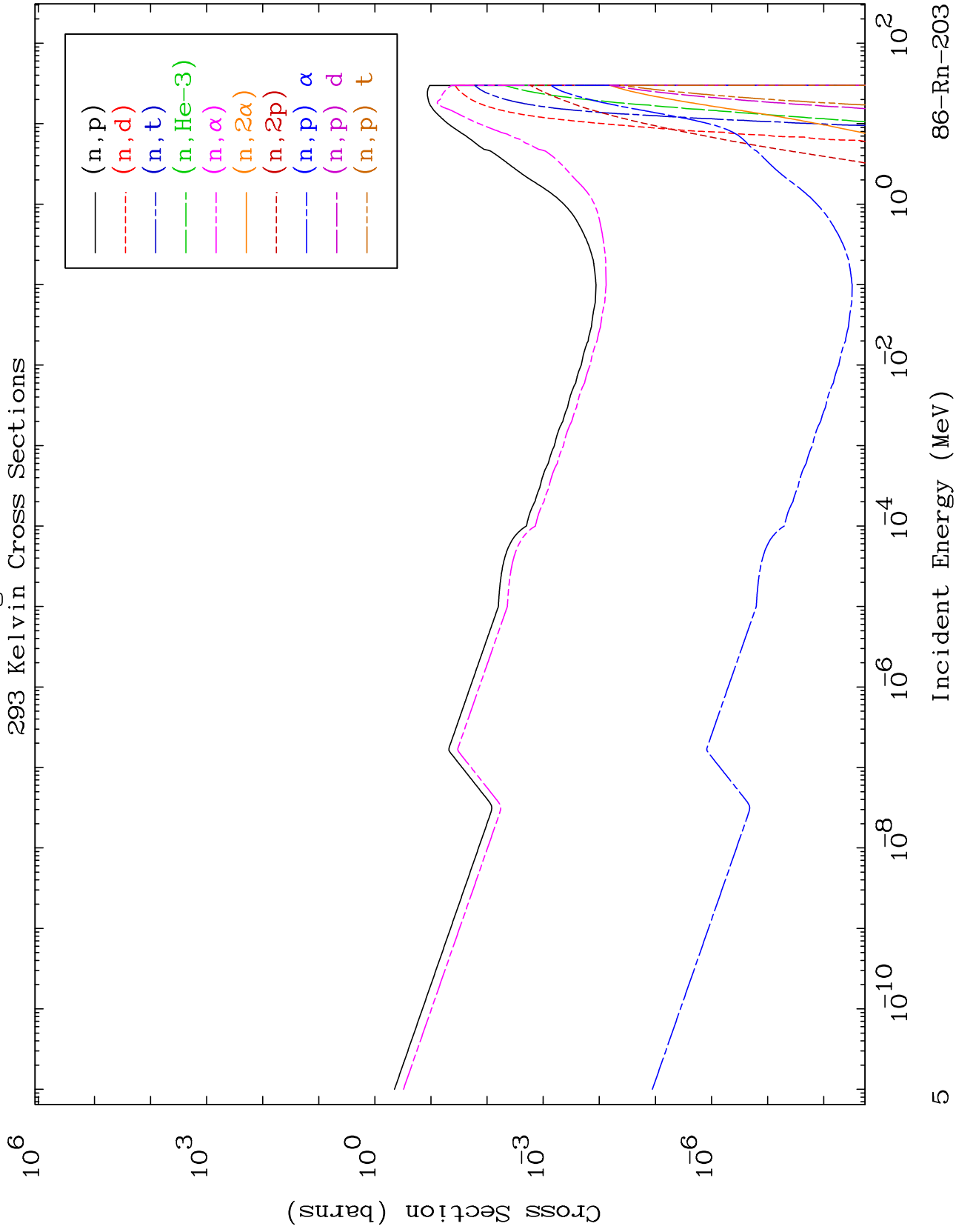
86-Rn-203



MAT 8601

293 Kelvin Cross Sections

86-Rn-203

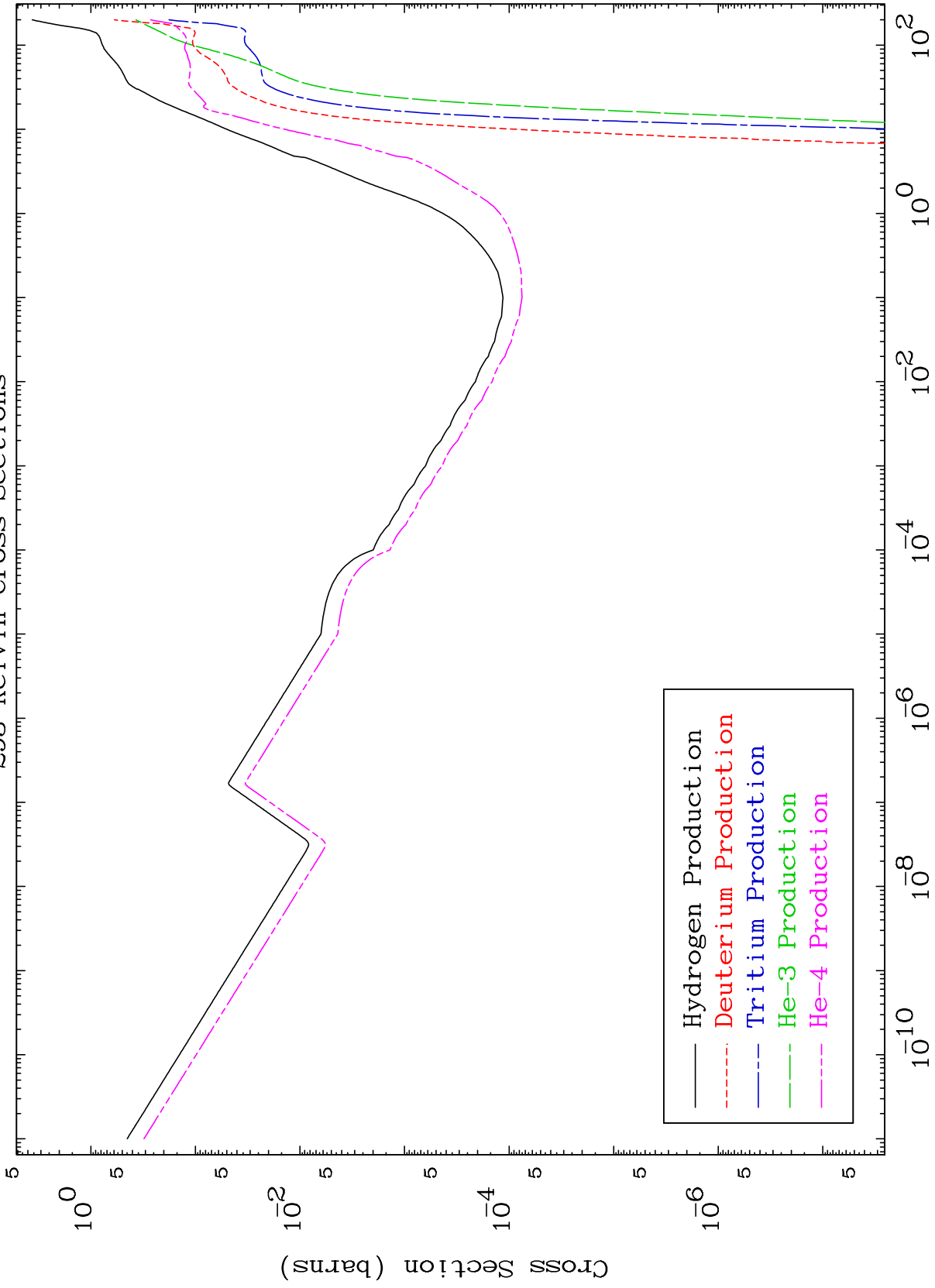


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MAT 8601

Particle Production
293 Kelvin Cross Sections

86-Rn-203



6

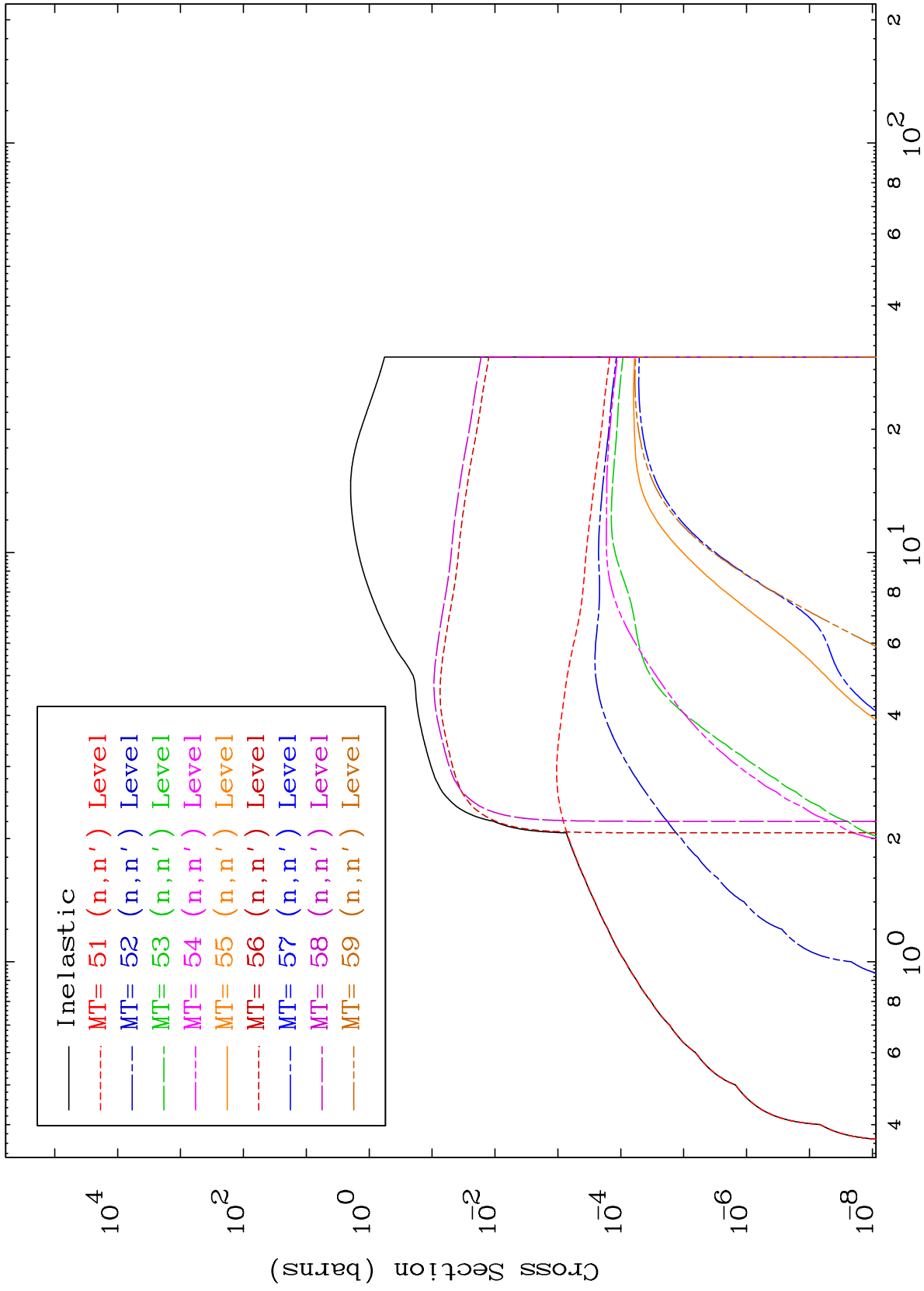
Incident Energy (MeV)

86-Rn-203

MAT 8601

293 Kelvin Cross Sections

86-Rn-203

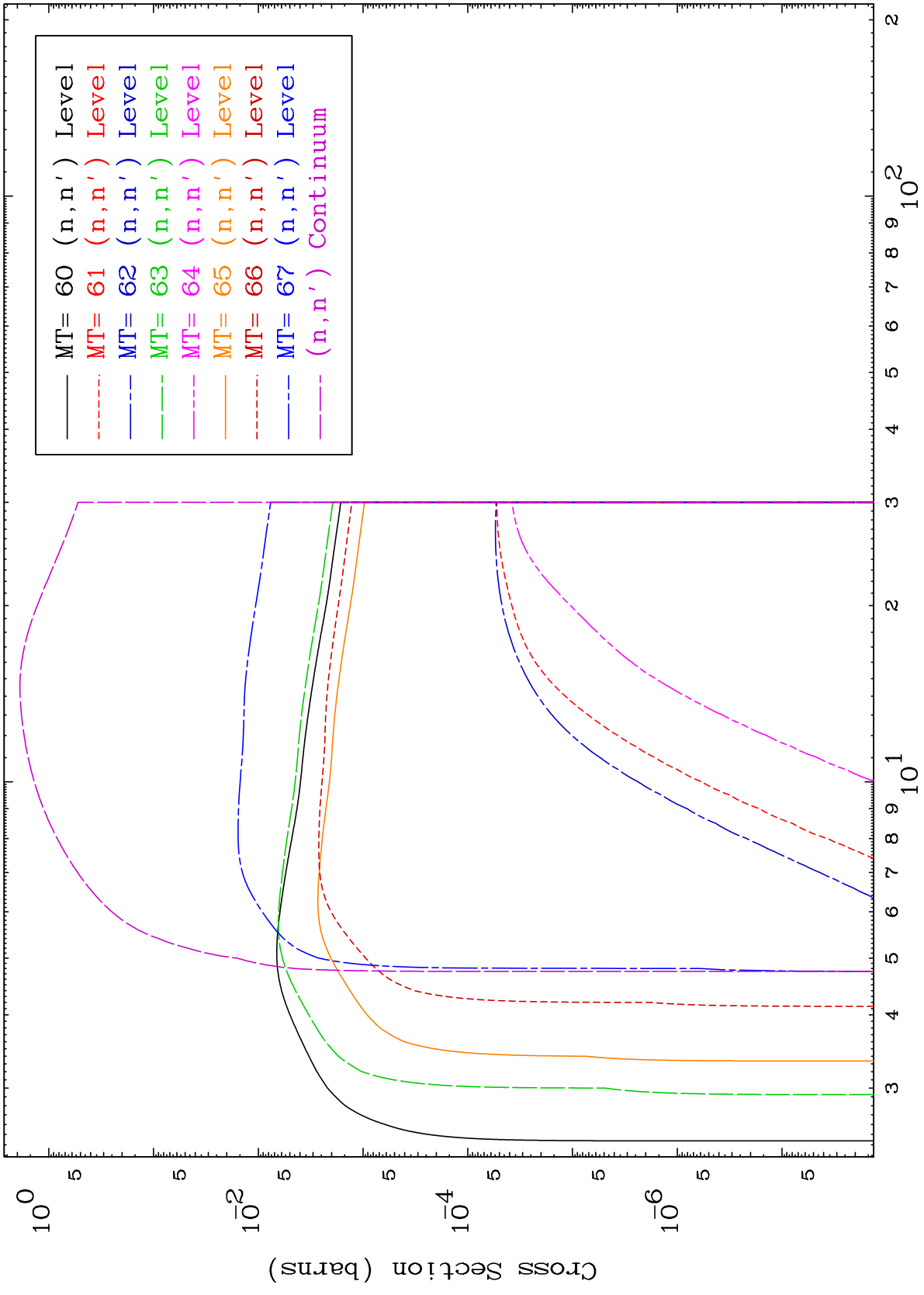


7

Incident Energy (MeV)

86-Rn-203

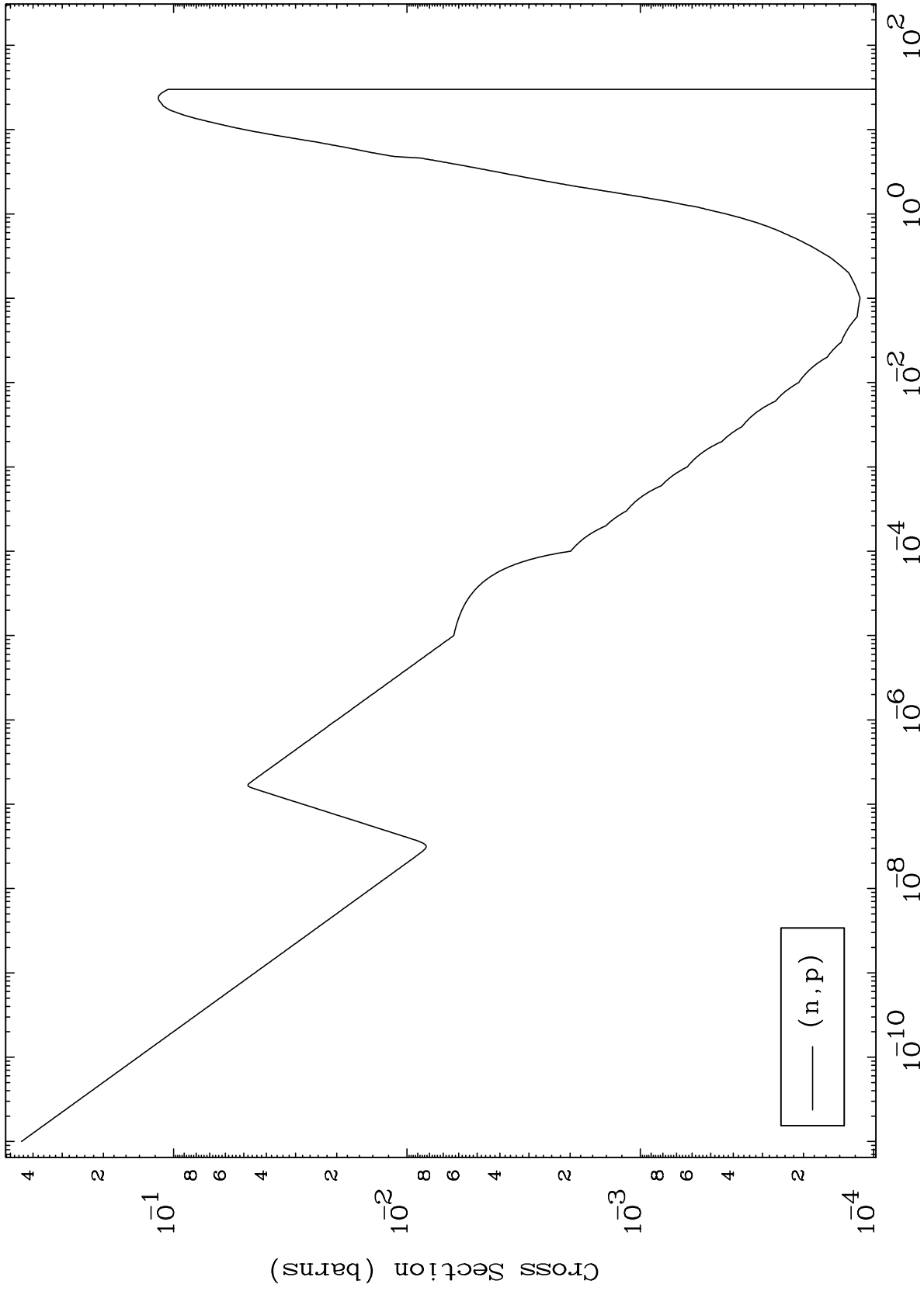
293 Kelvin Cross Sections



MAT 8601

(n,p) Levels
293 Kelvin Cross Sections

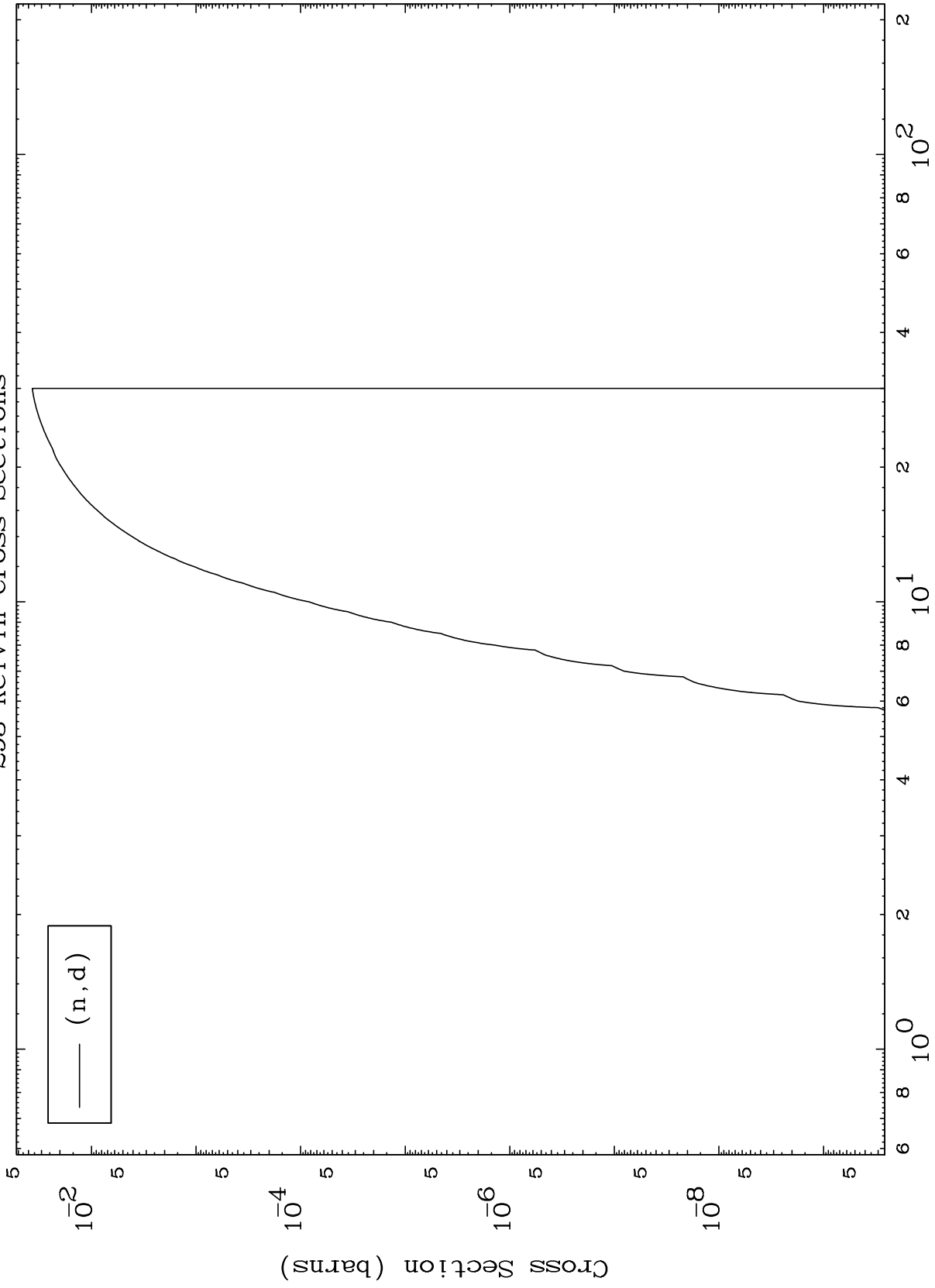
86-Rn-203



MAT 8601

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-203



10

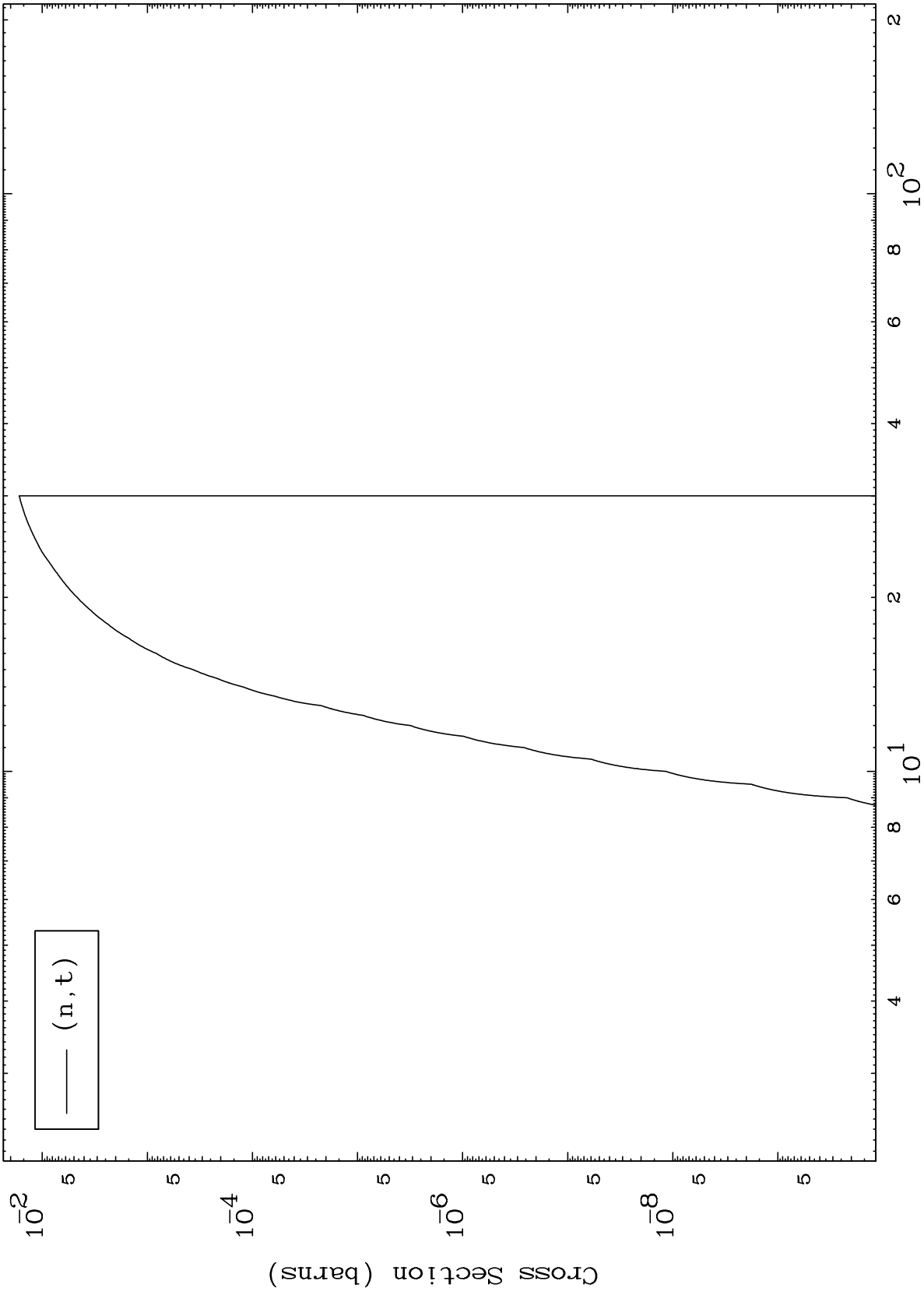
Incident Energy (MeV)

86-Rn-203

MAT 8601

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-203



11

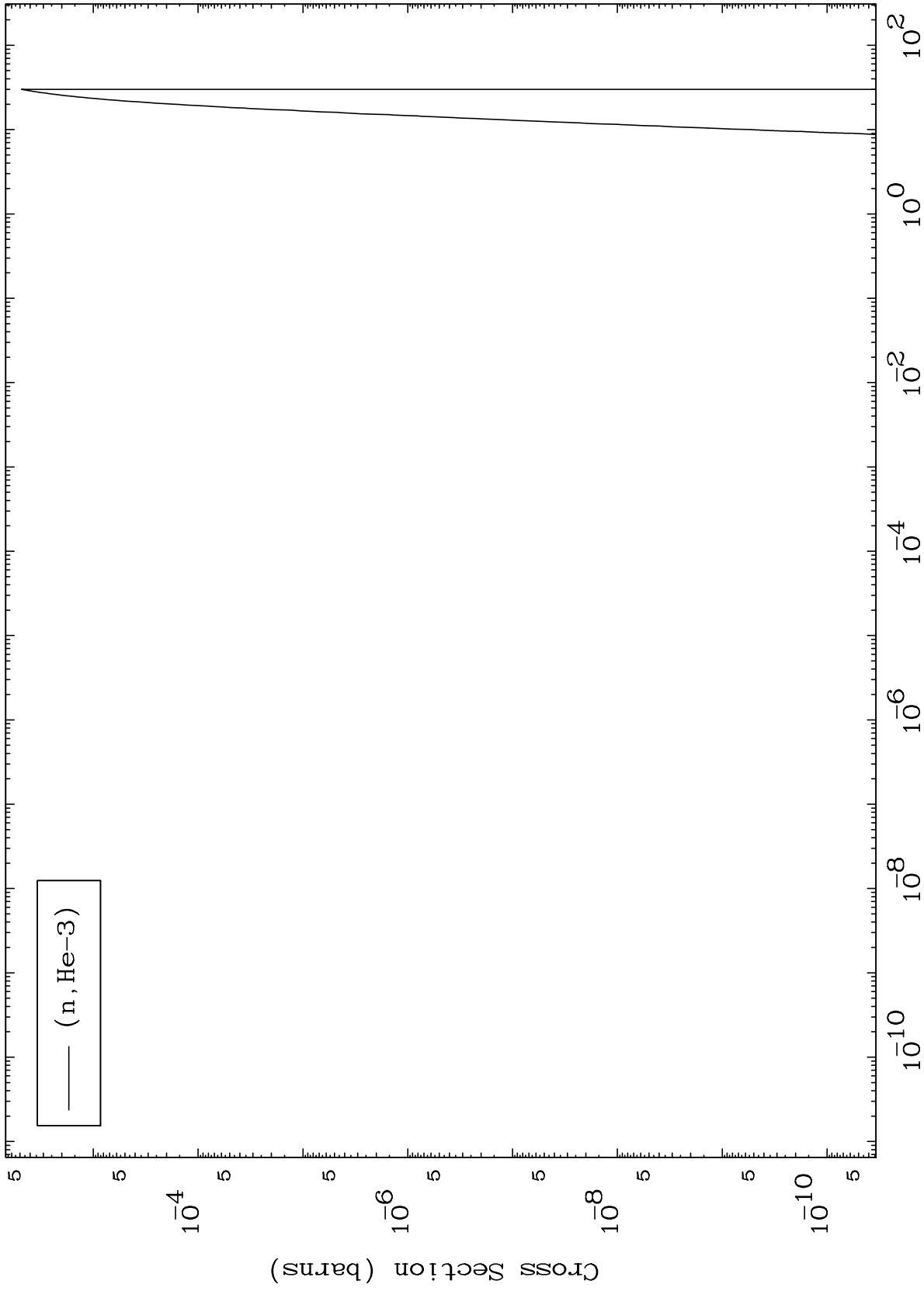
Incident Energy (MeV)

86-Rn-203

MAT 8601

(n,He3) Levels
293 Kelvin Cross Sections

86-Rn-203



12

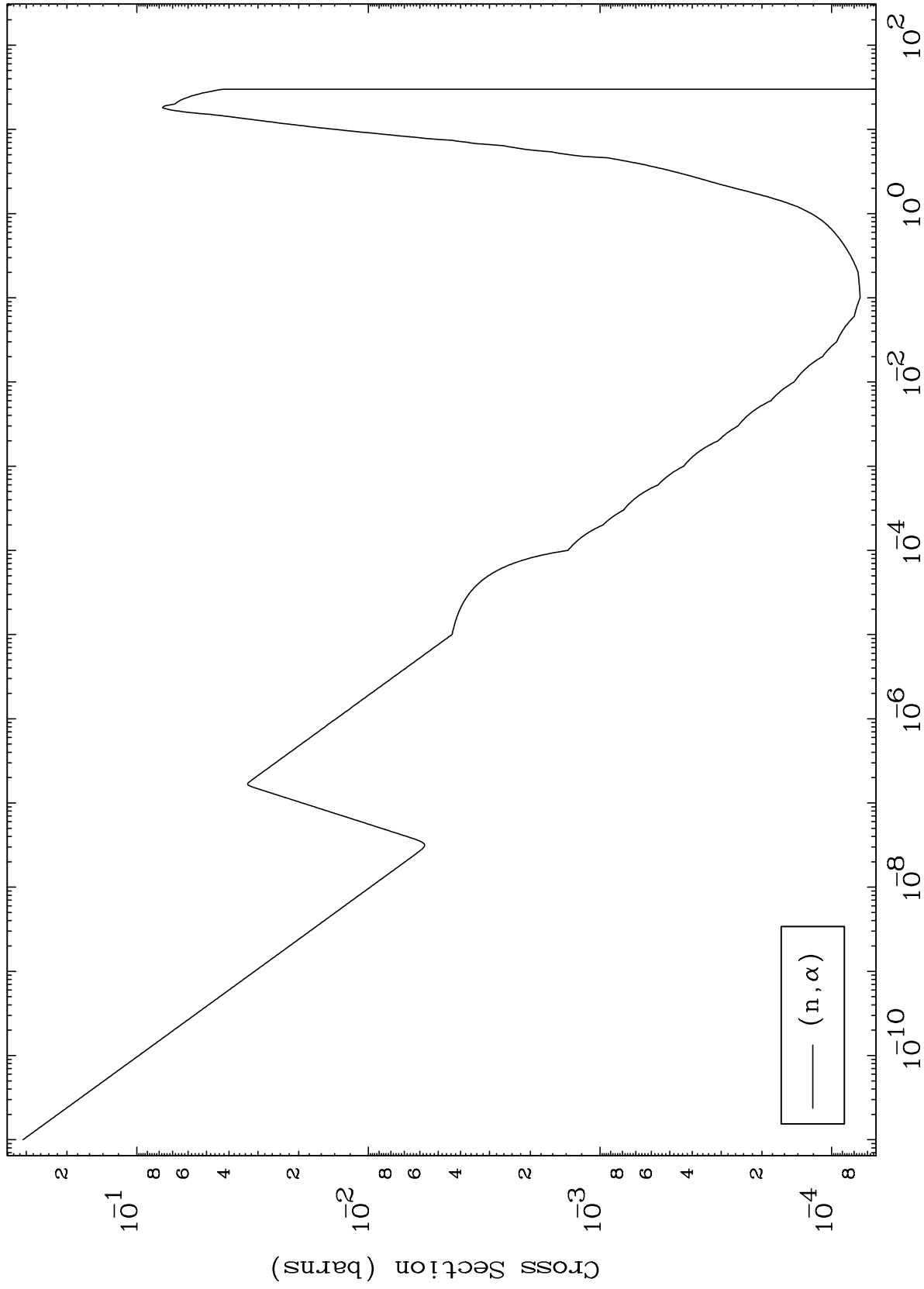
Incident Energy (MeV)

86-Rn-203

MAT 8601

(n,α) Levels
293 Kelvin Cross Sections

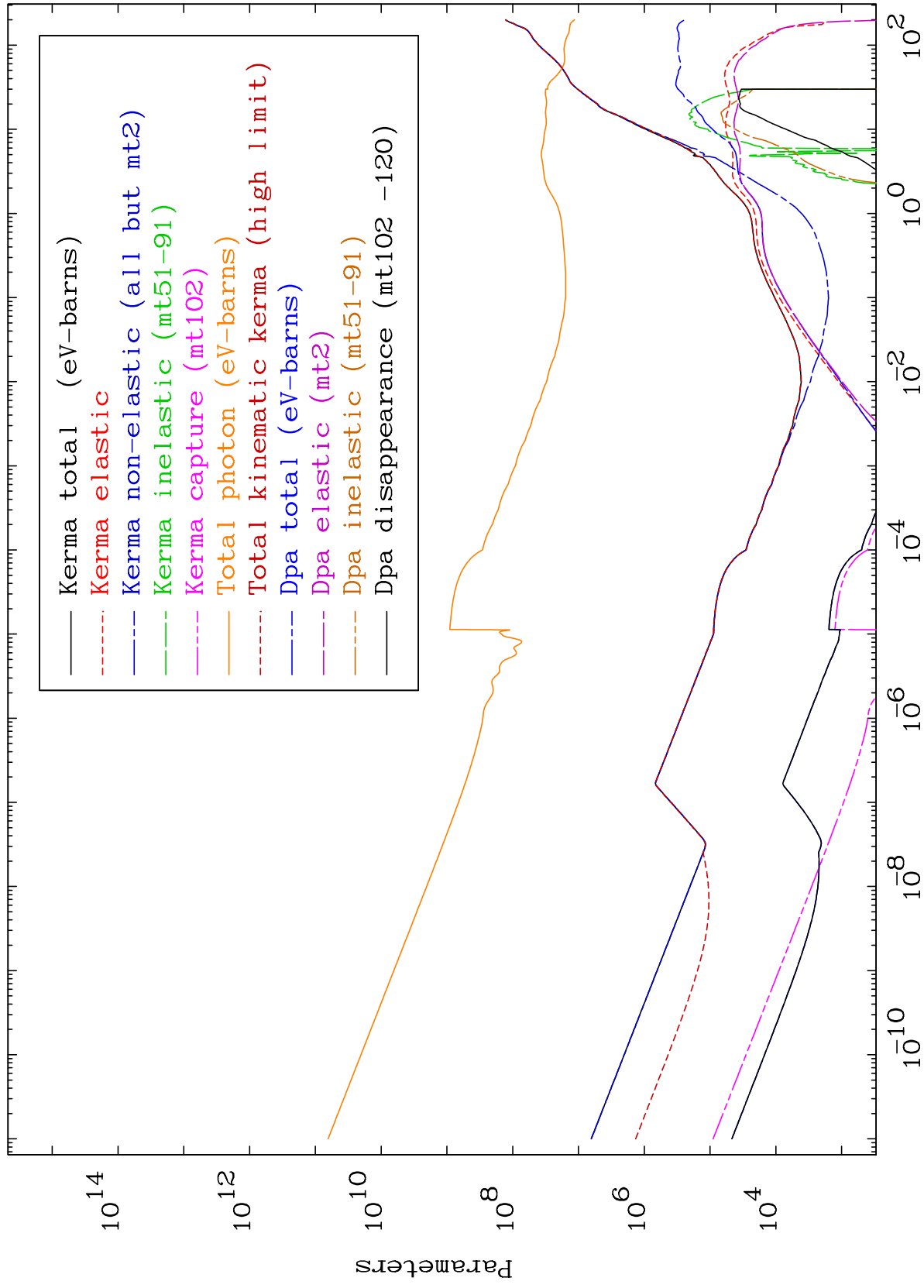
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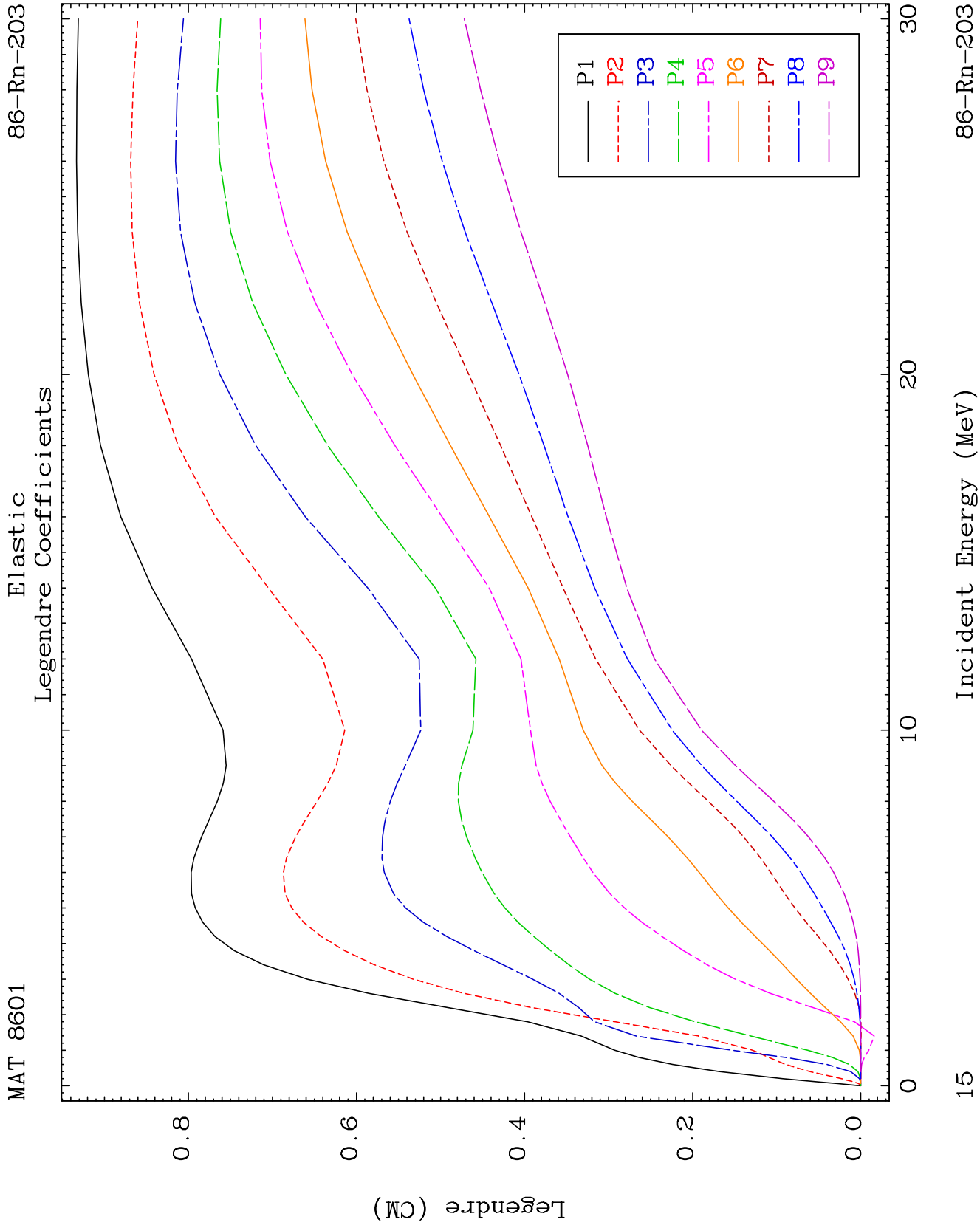


13

Incident Energy (MeV)

86-Rn-203

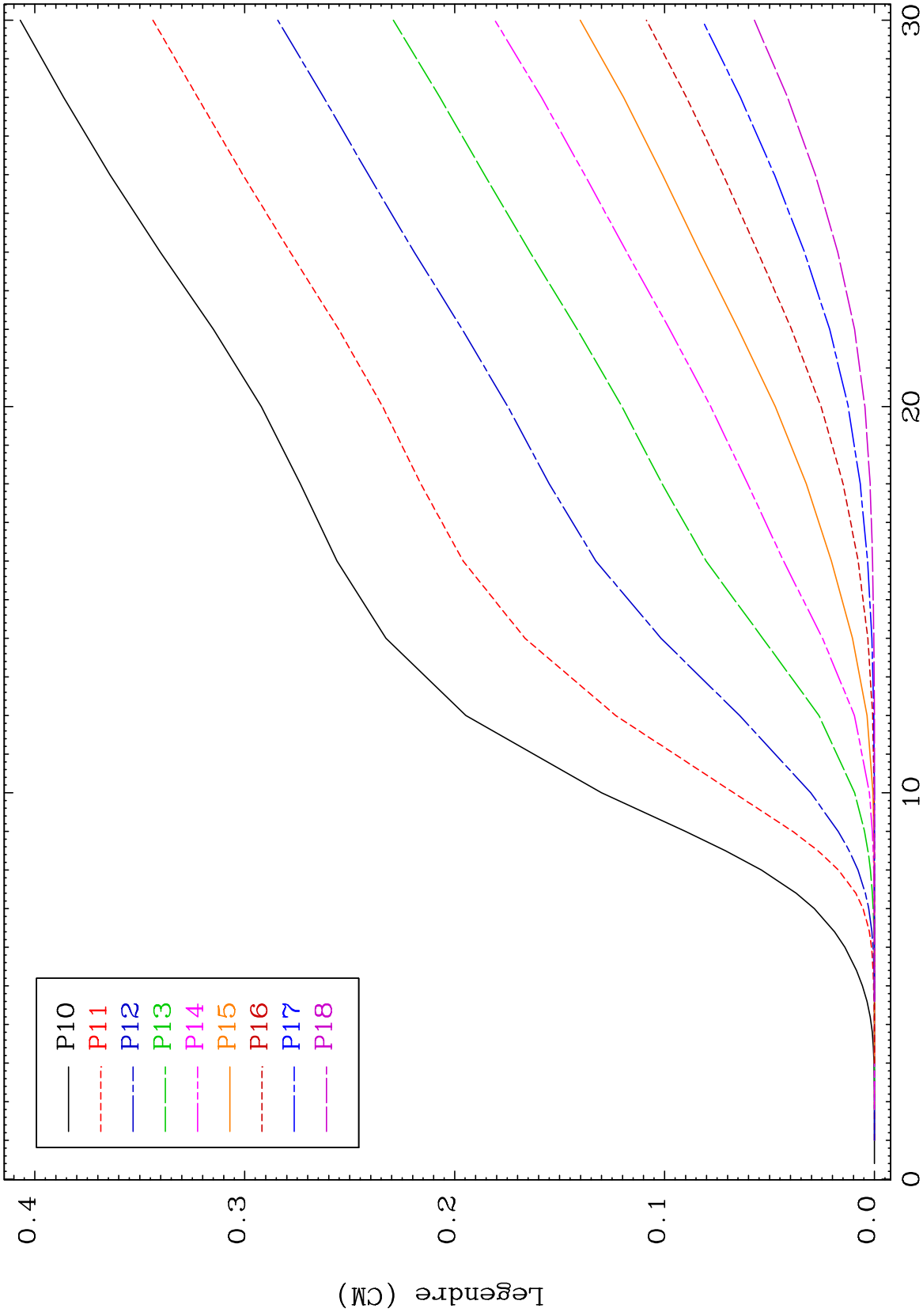




MAT 8601

Elastic Legendre Coefficients

86-Rn-203



16

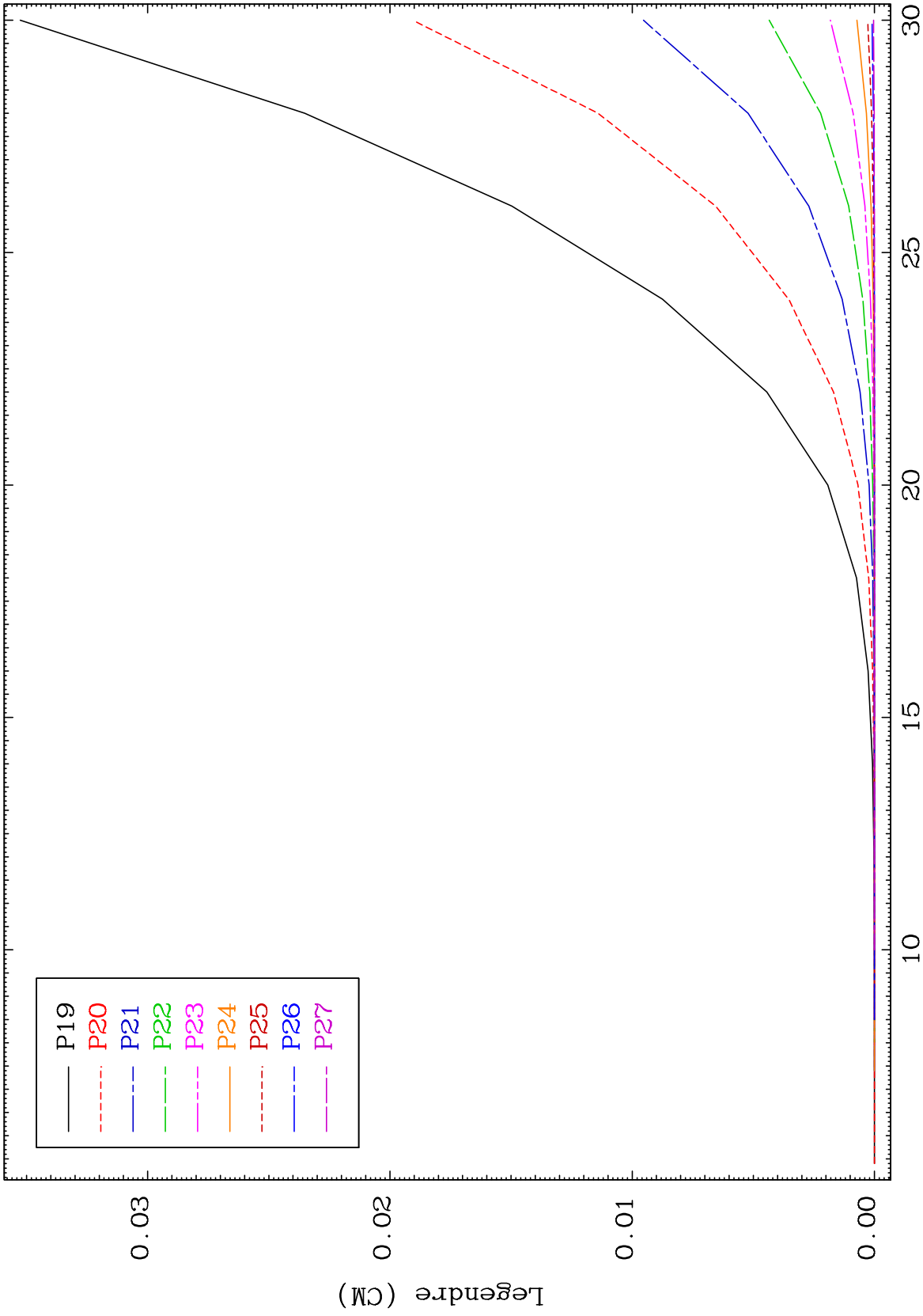
Incident Energy (MeV)

86-Rn-203

MAT 8601

Elastic Legendre Coefficients

86-Rn-203



17

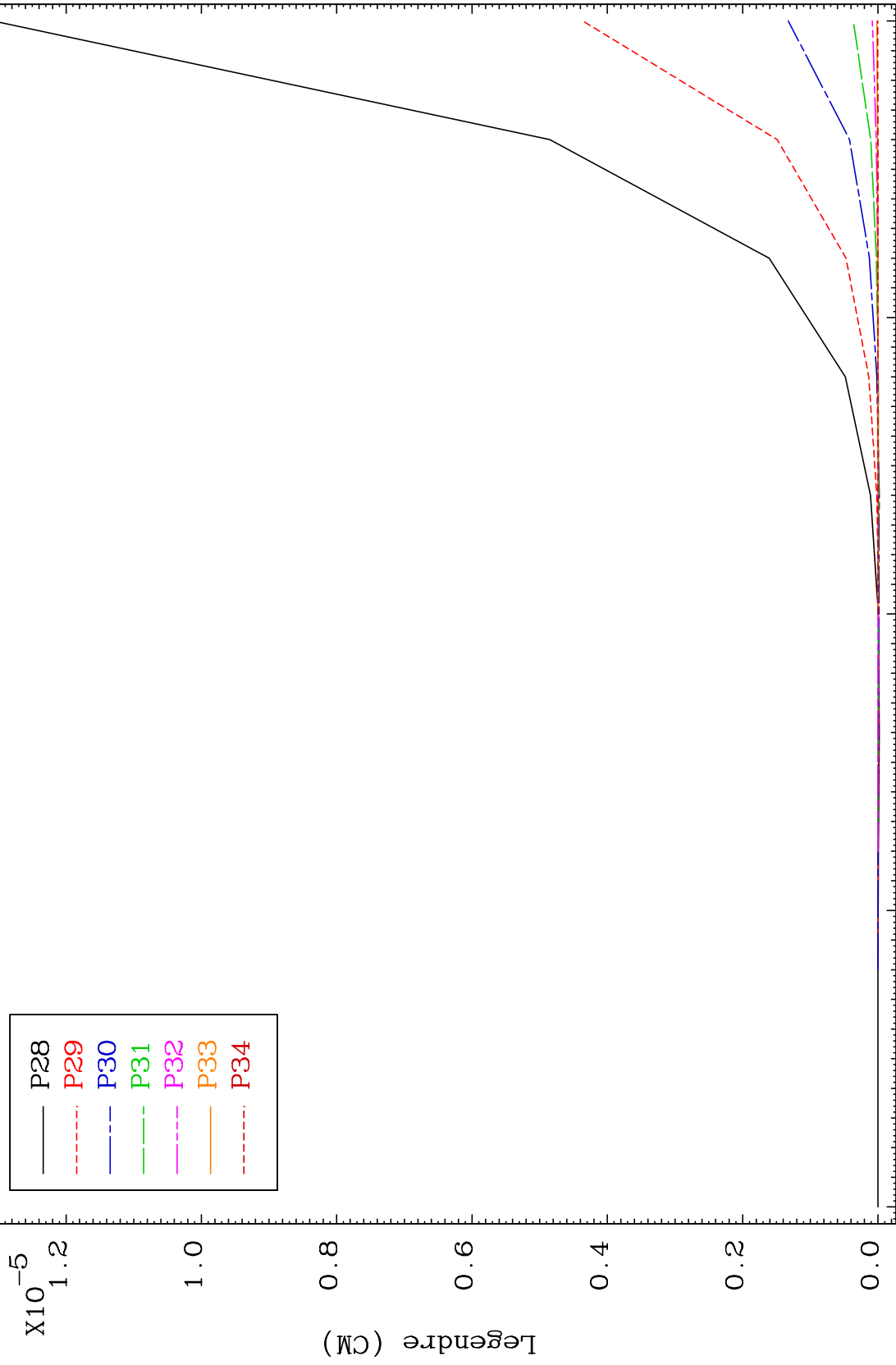
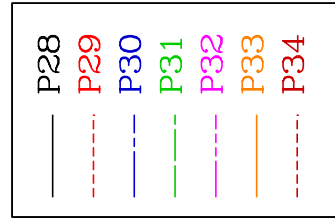
Incident Energy (MeV)

86-Rn-203

MAT 8601

Elastic Legendre Coefficients

86-Rn-203



10

15

20

25

30

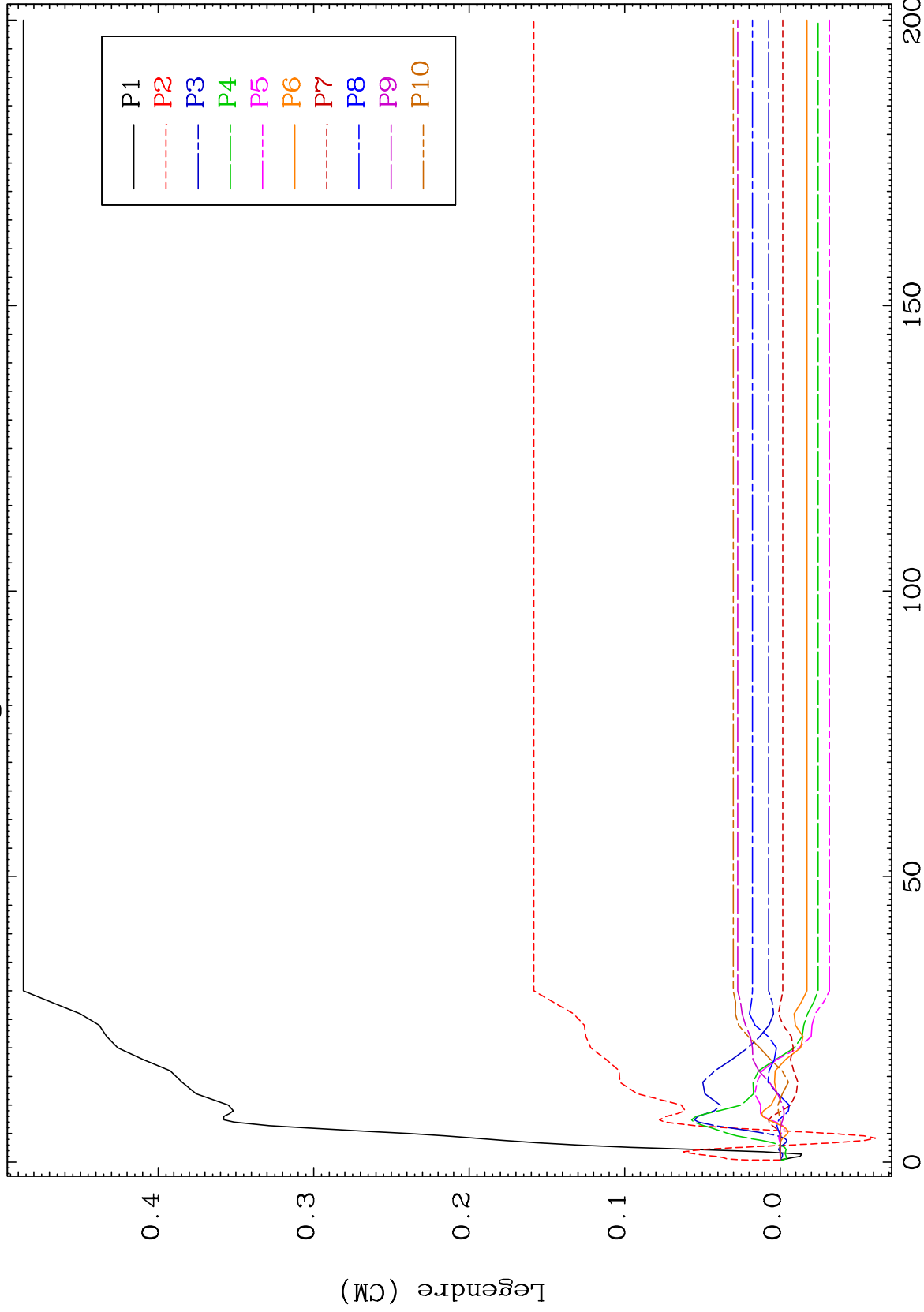
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



19

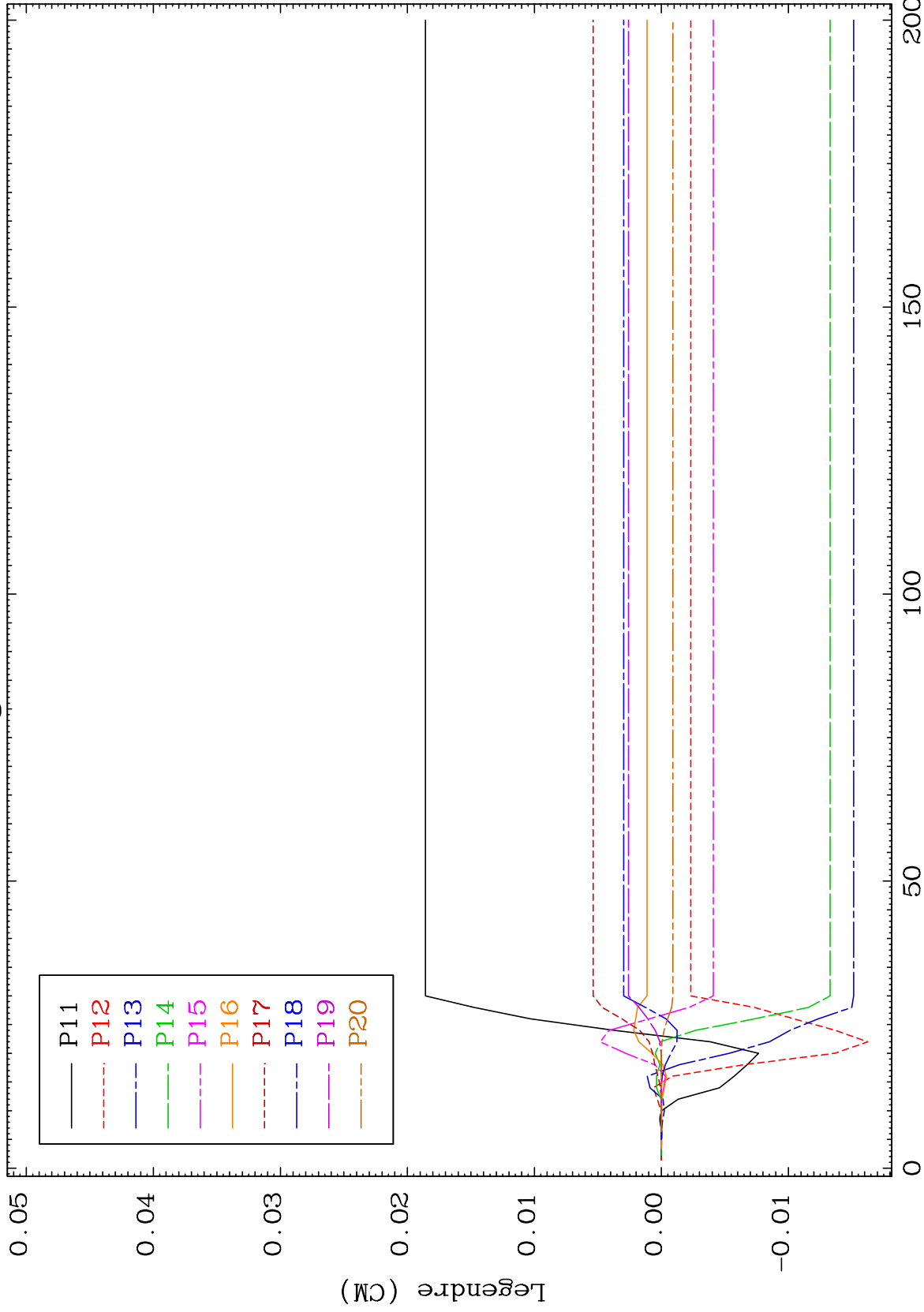
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



86-Rn-203

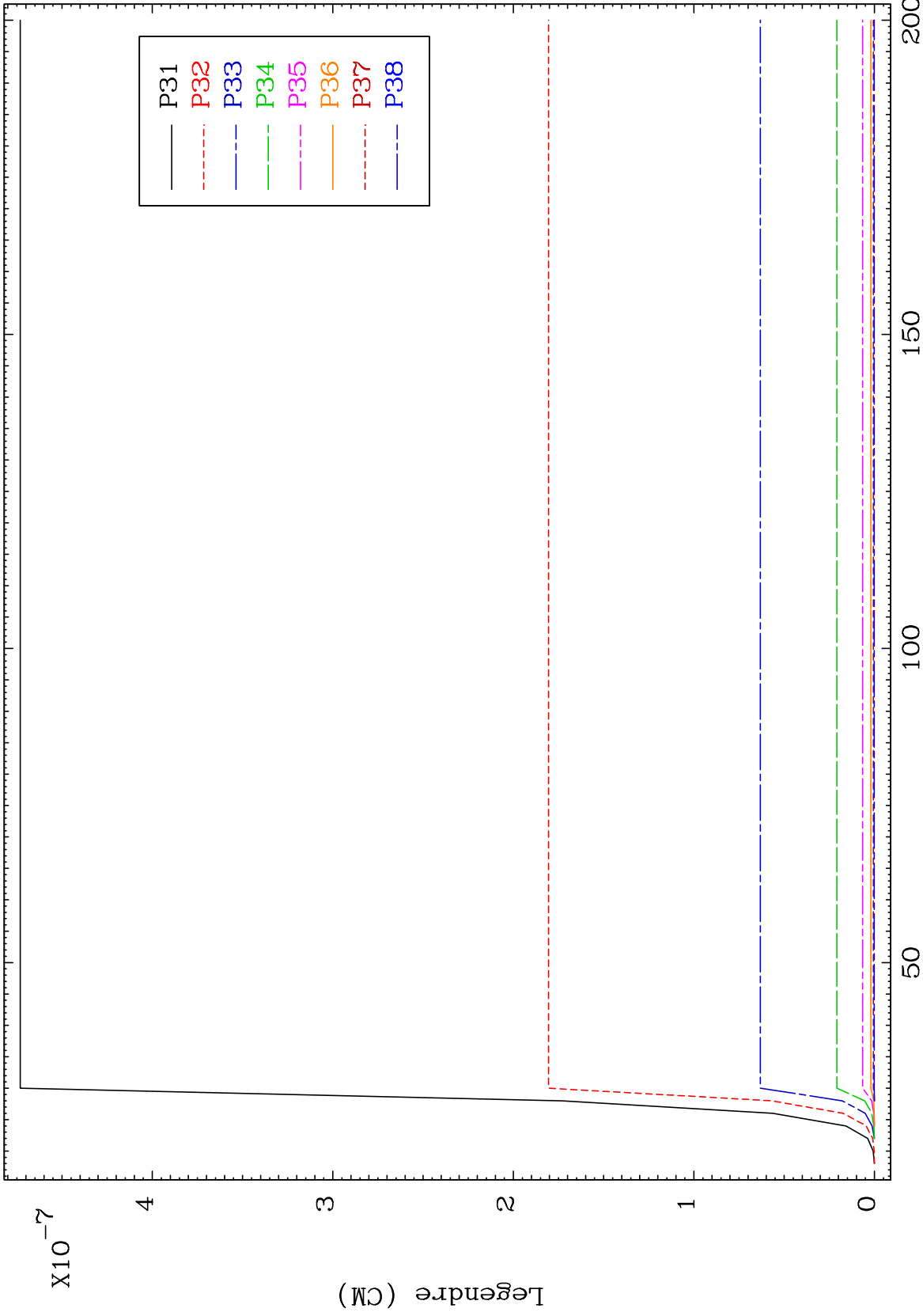
Incident Energy (MeV)

20

MAT 8601

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

86-Rn-203



22

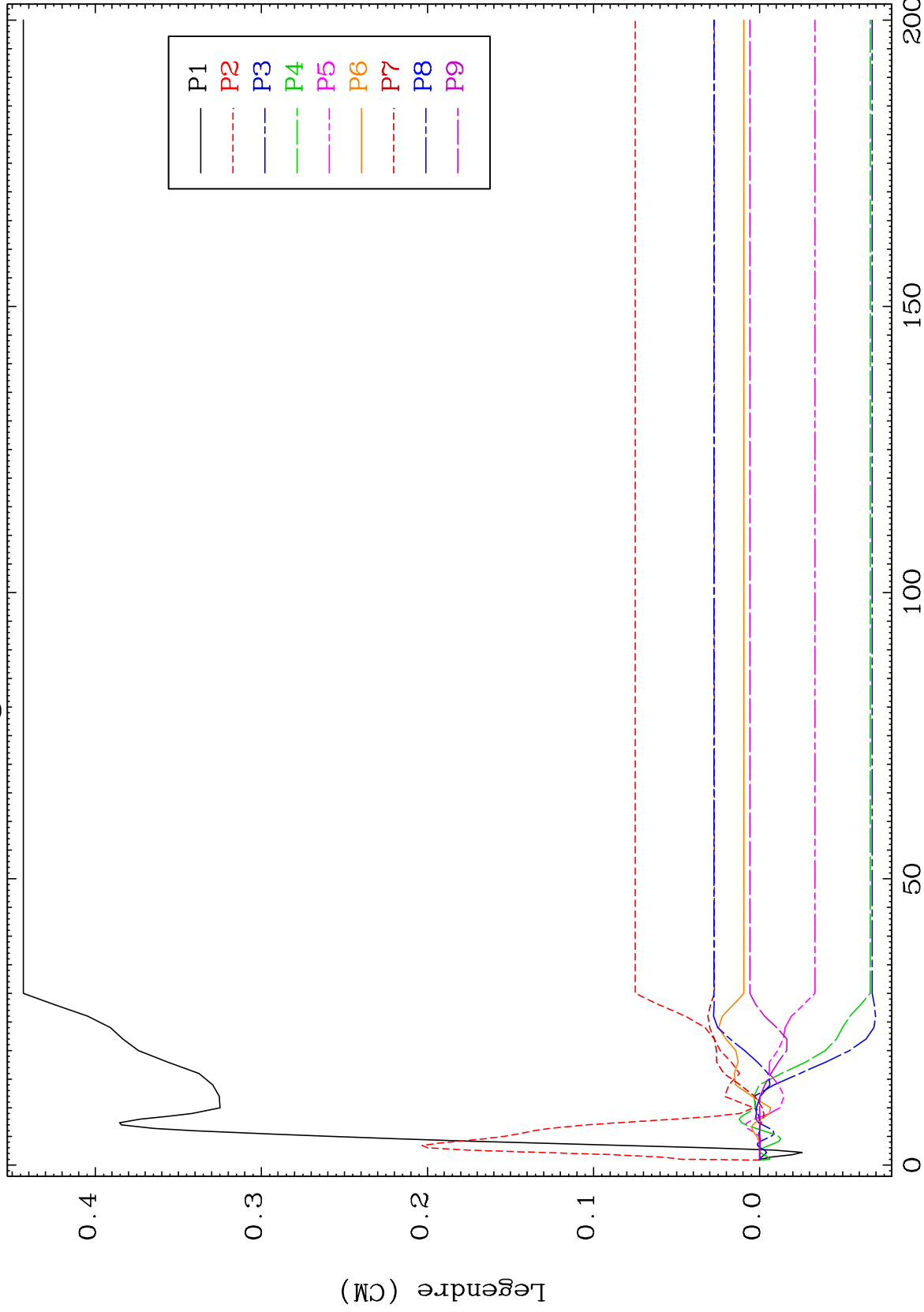
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



23

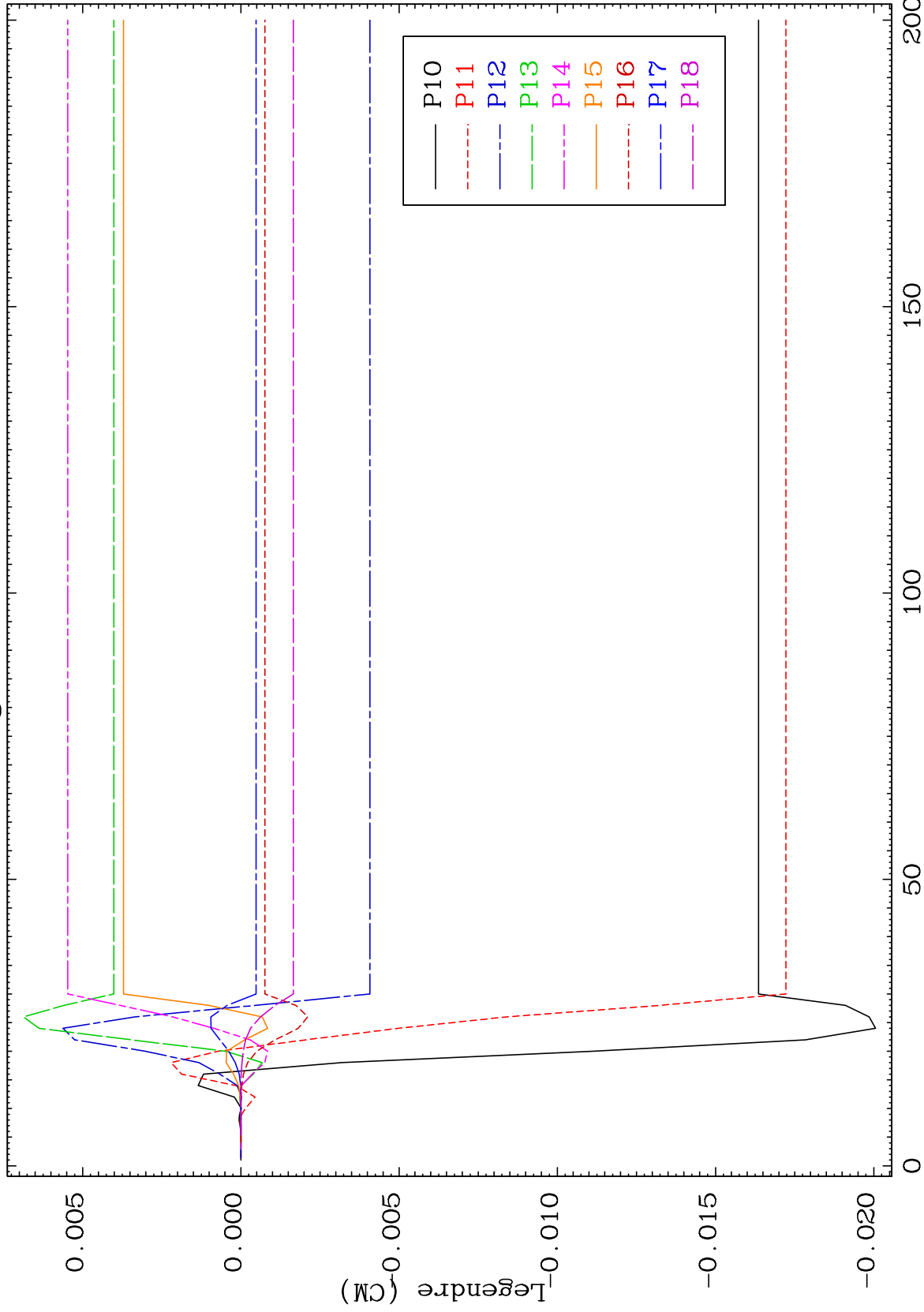
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



24

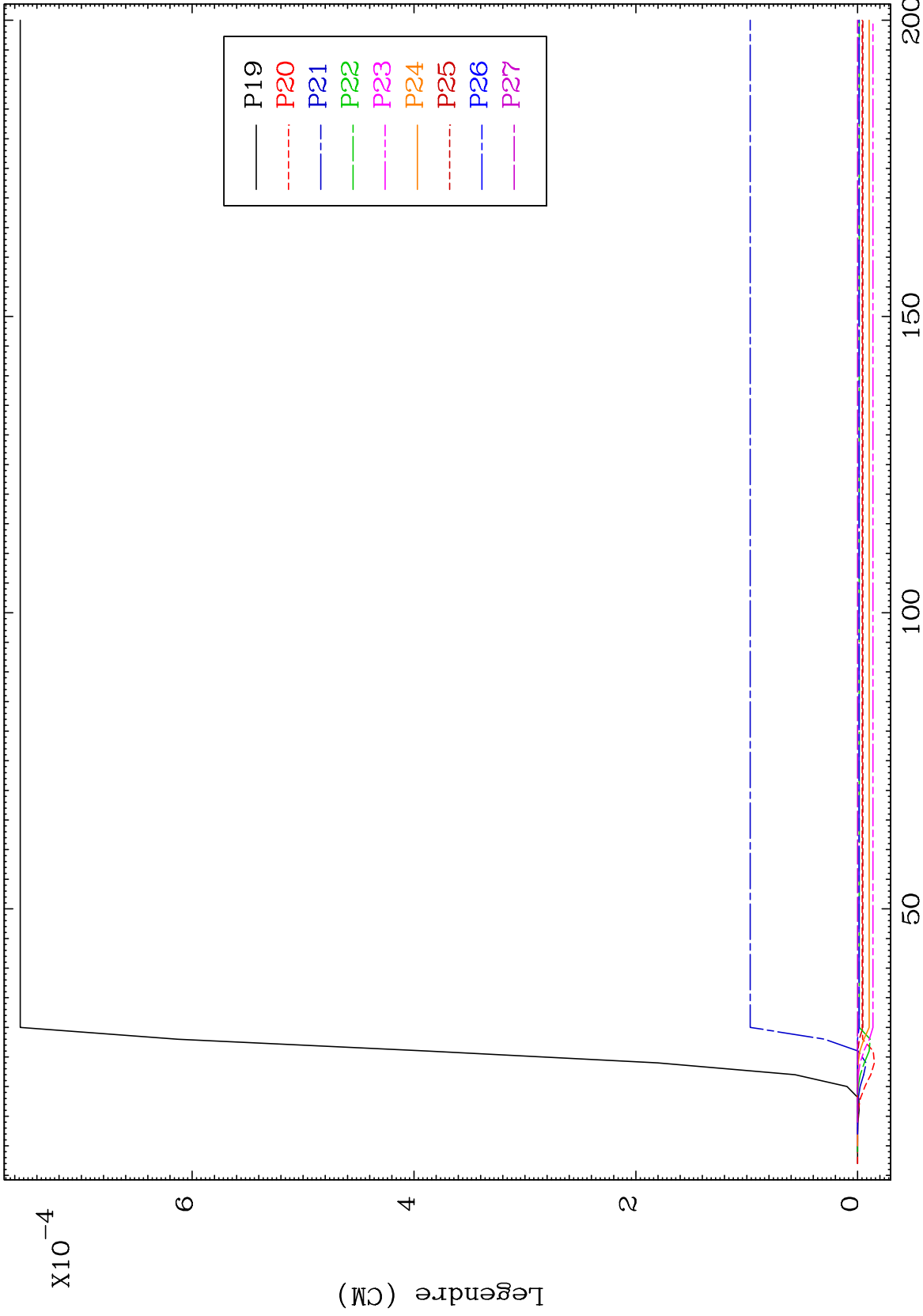
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



25

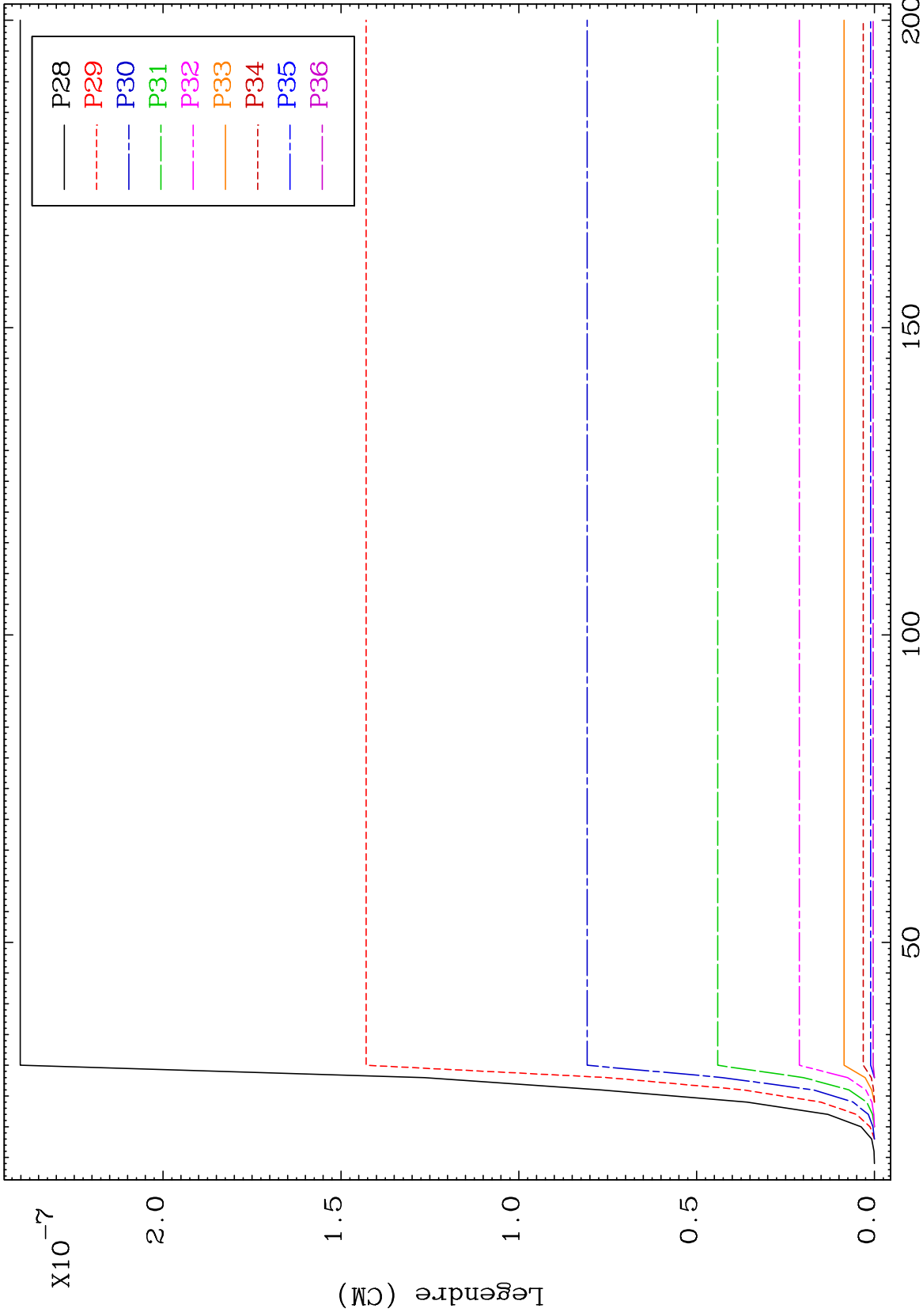
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



26

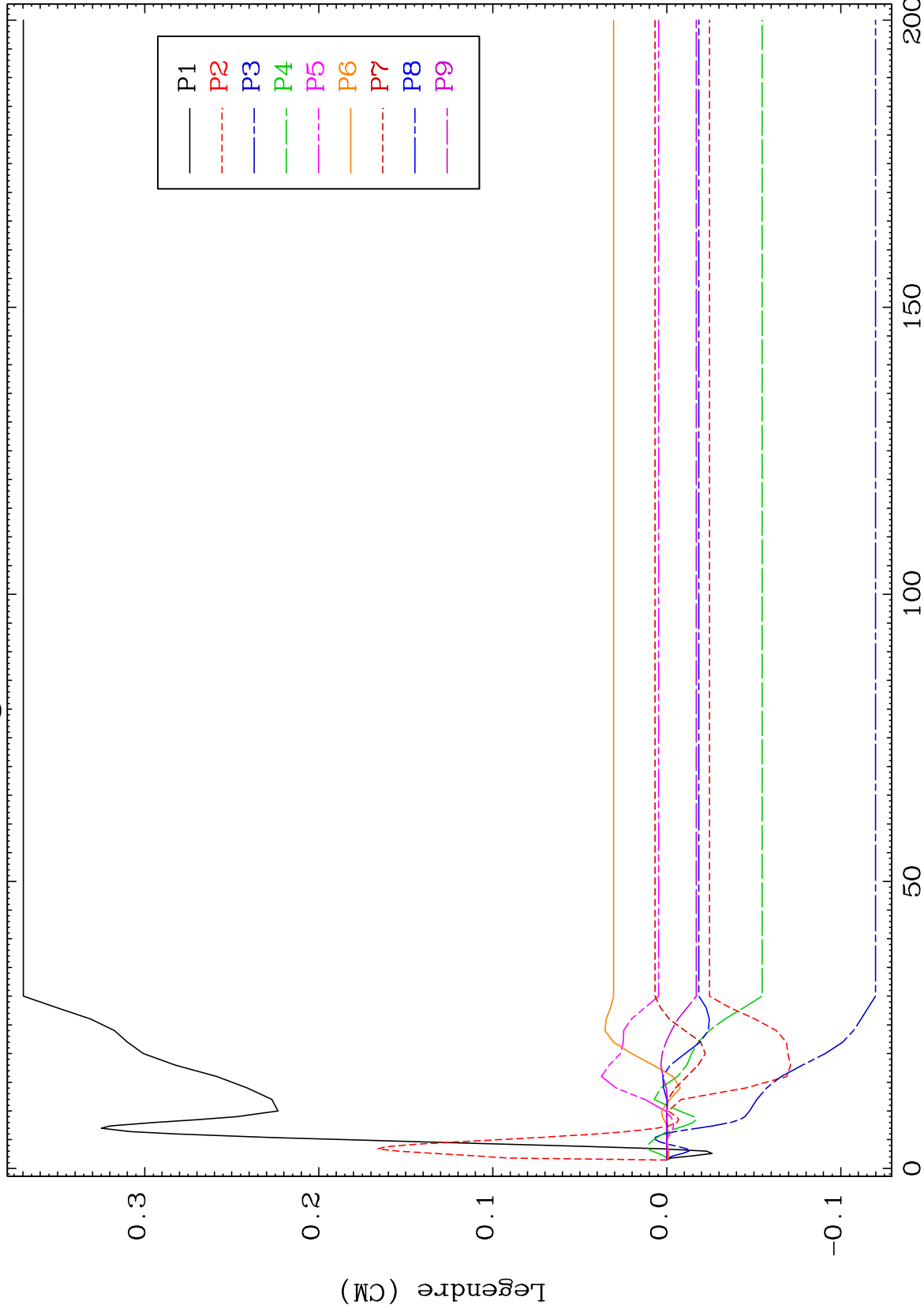
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



27

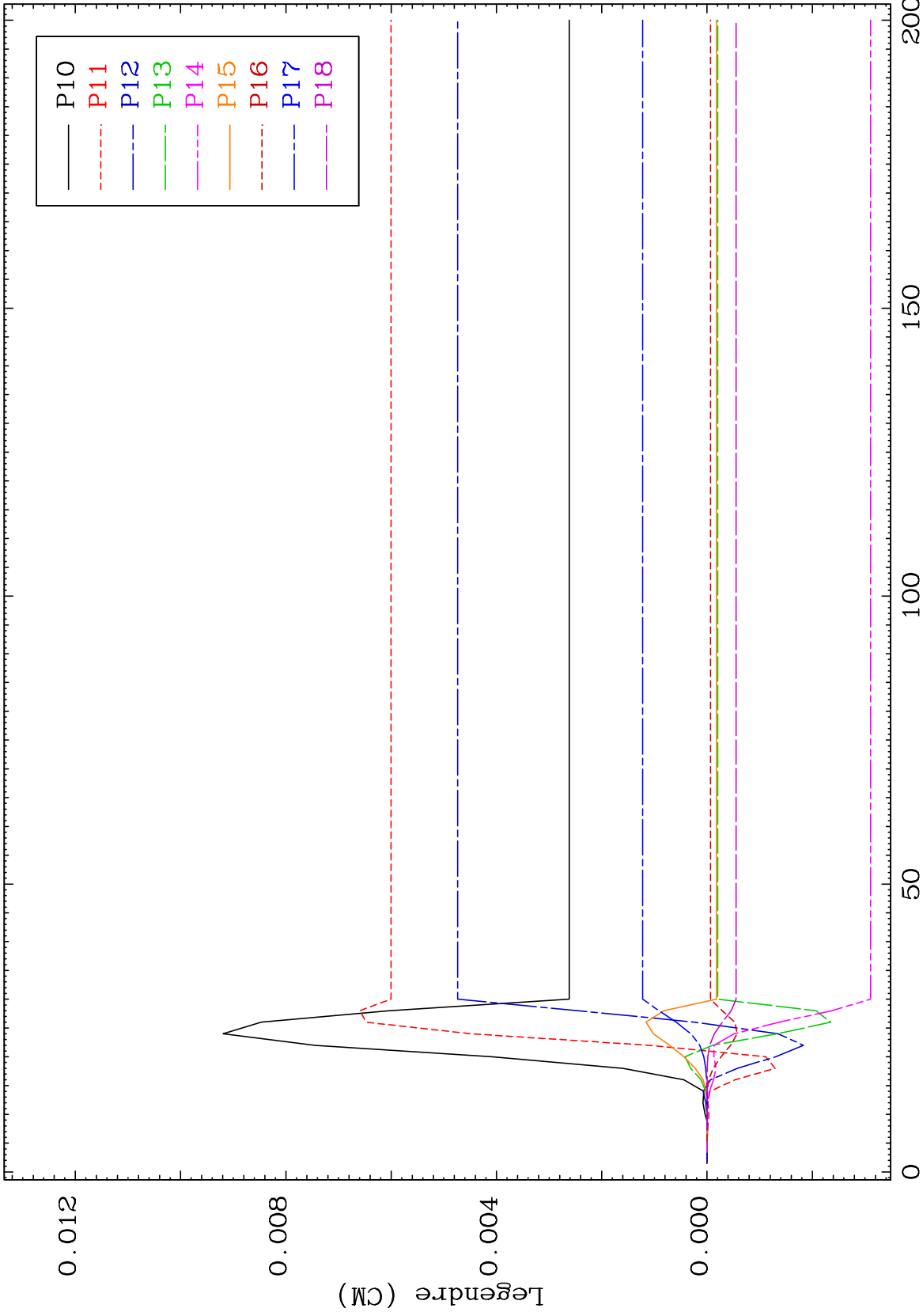
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



28

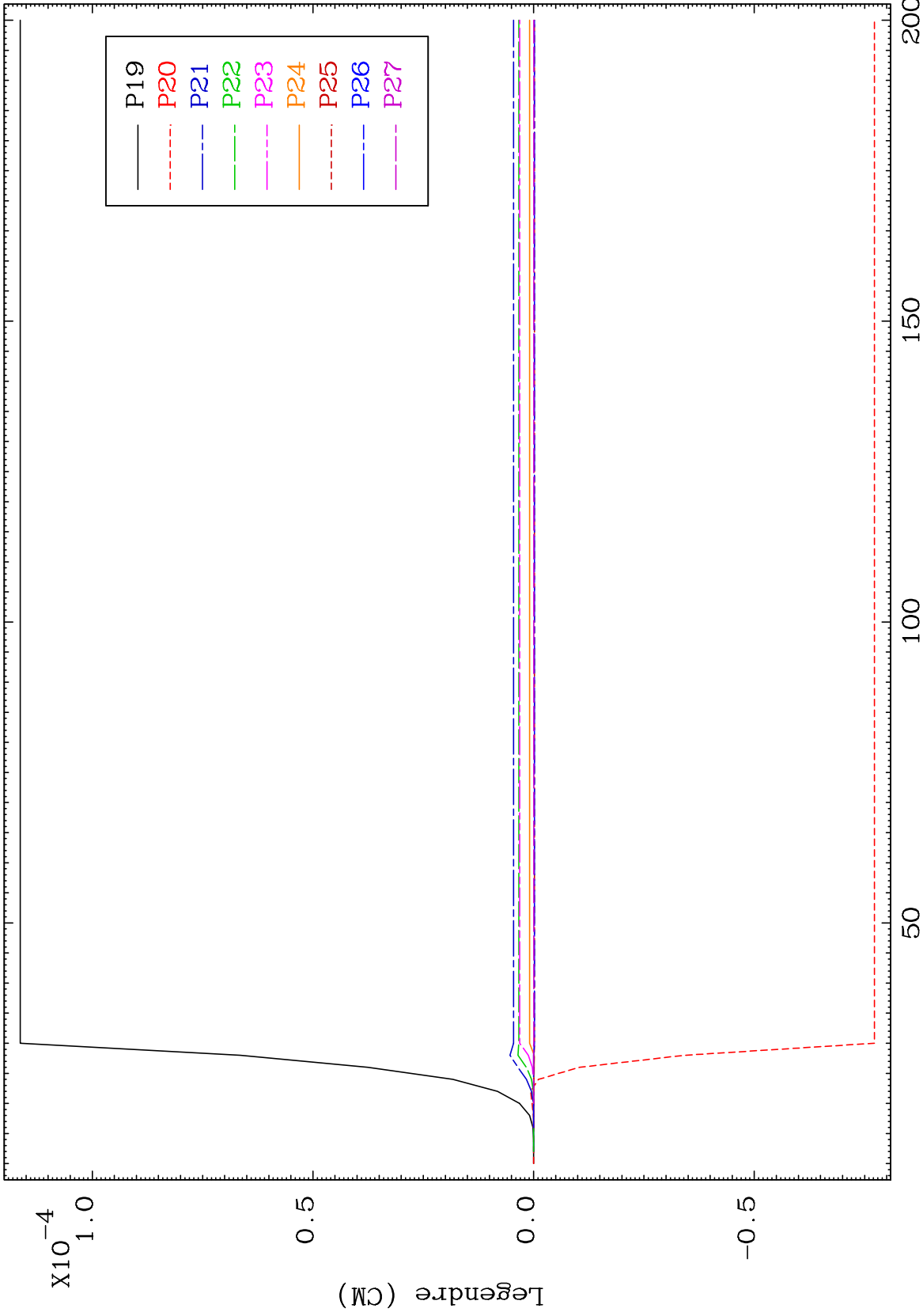
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

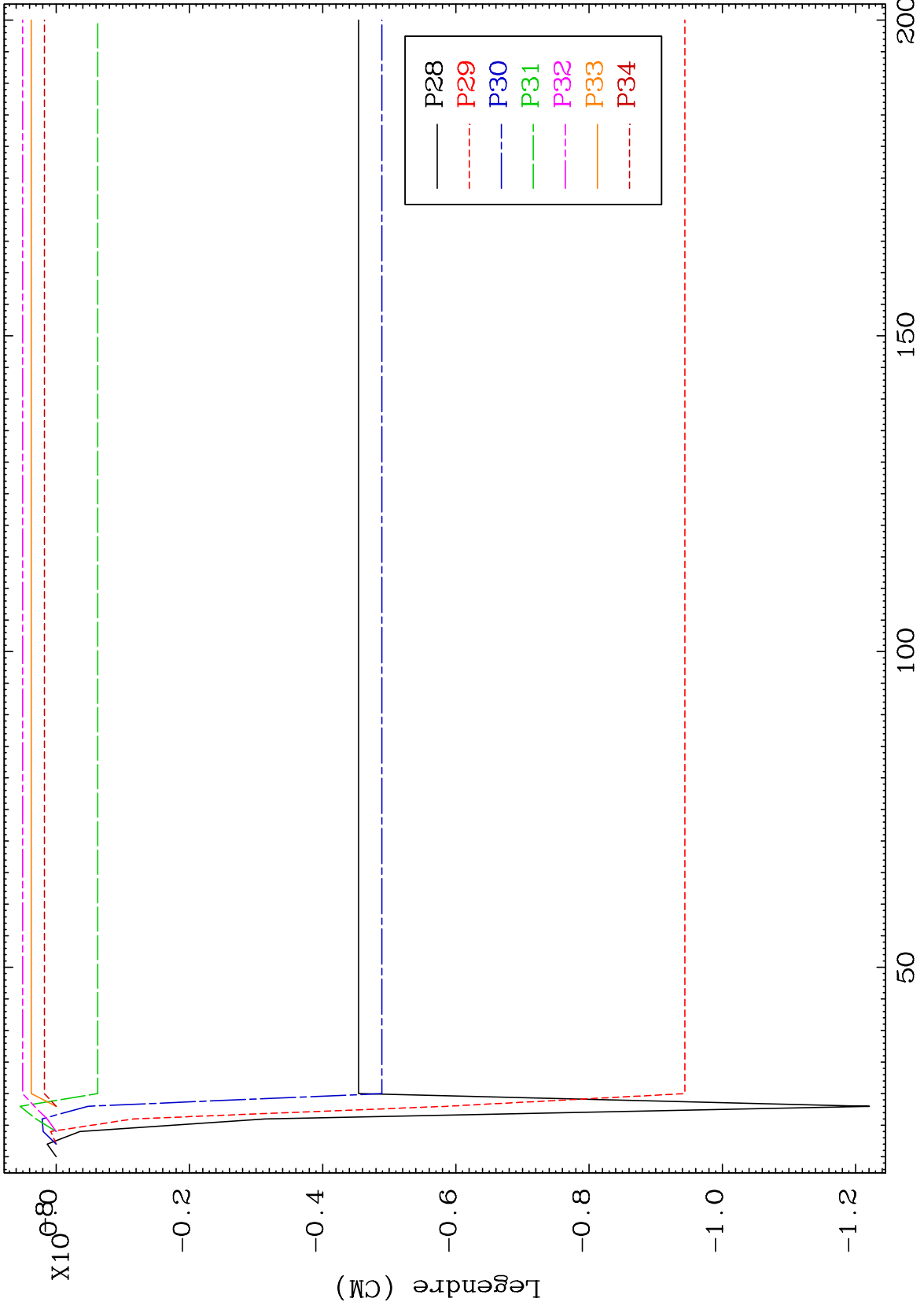
86-Rn-203



29

86-Rn-203

MAT 8601 MT= 53 (n,n') Level Legendre Coefficients 86-Rn-203

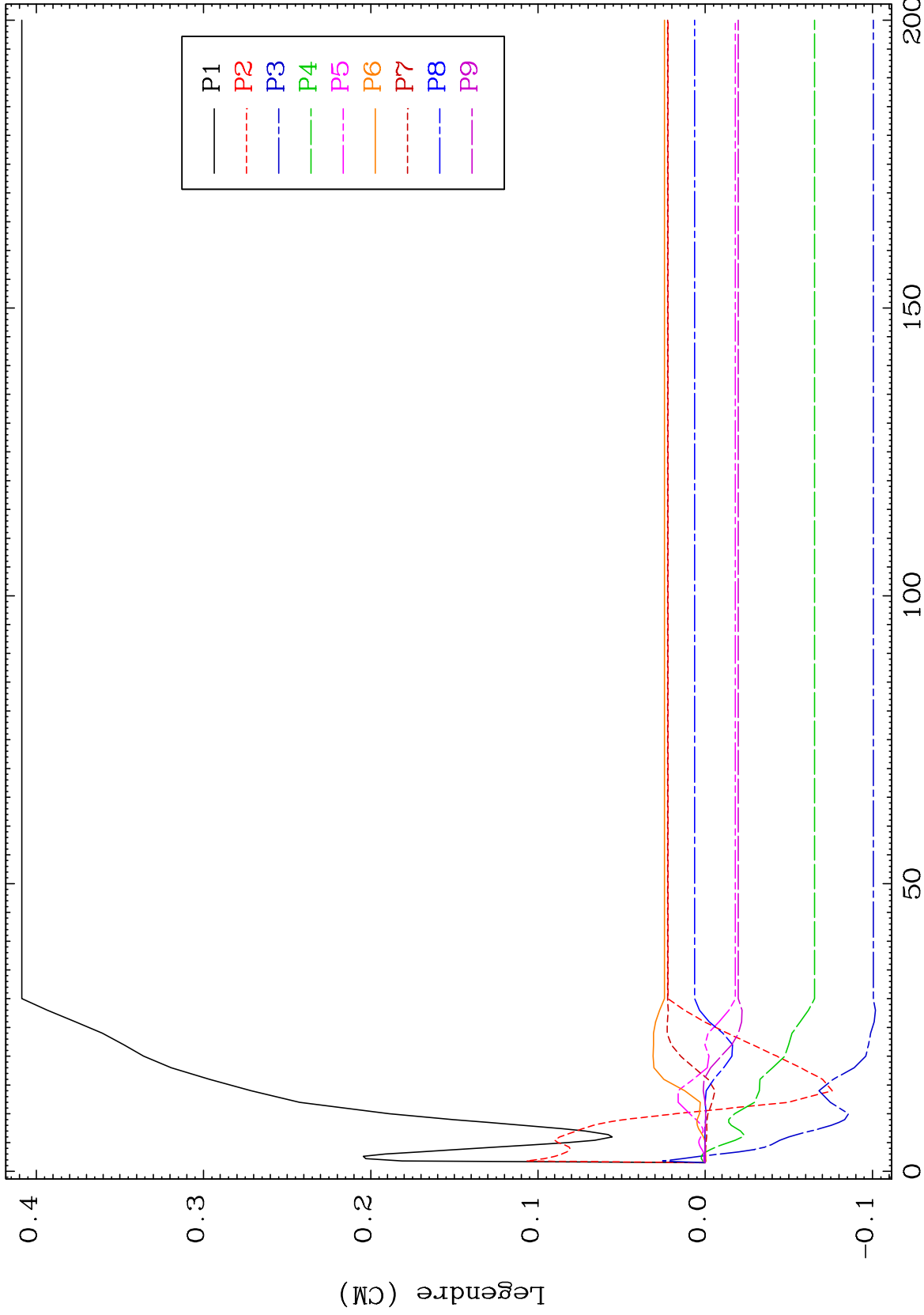


30 Incident Energy (MeV) 86-Rn-203

MAT 8601

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

86-Rn-203



31

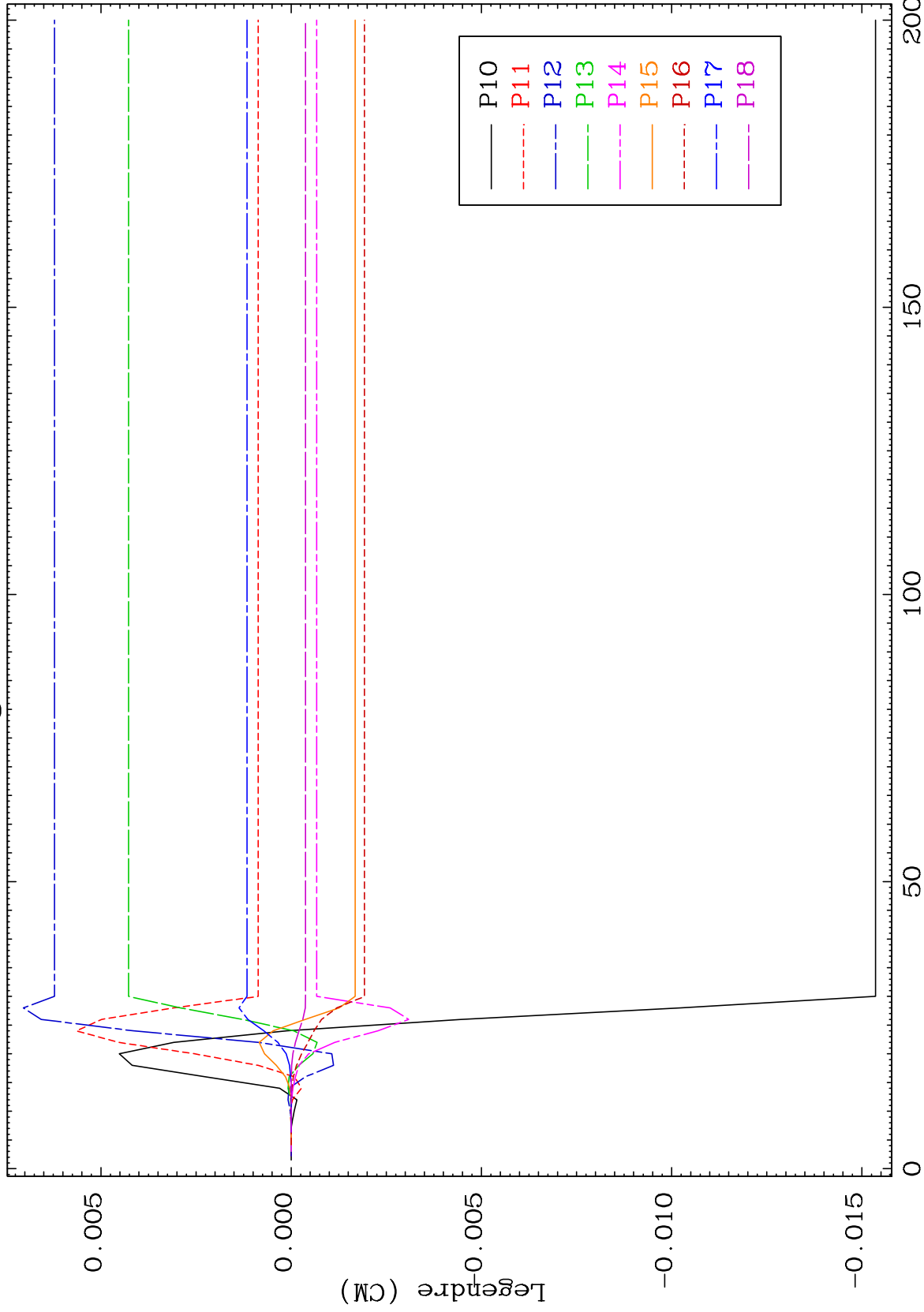
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

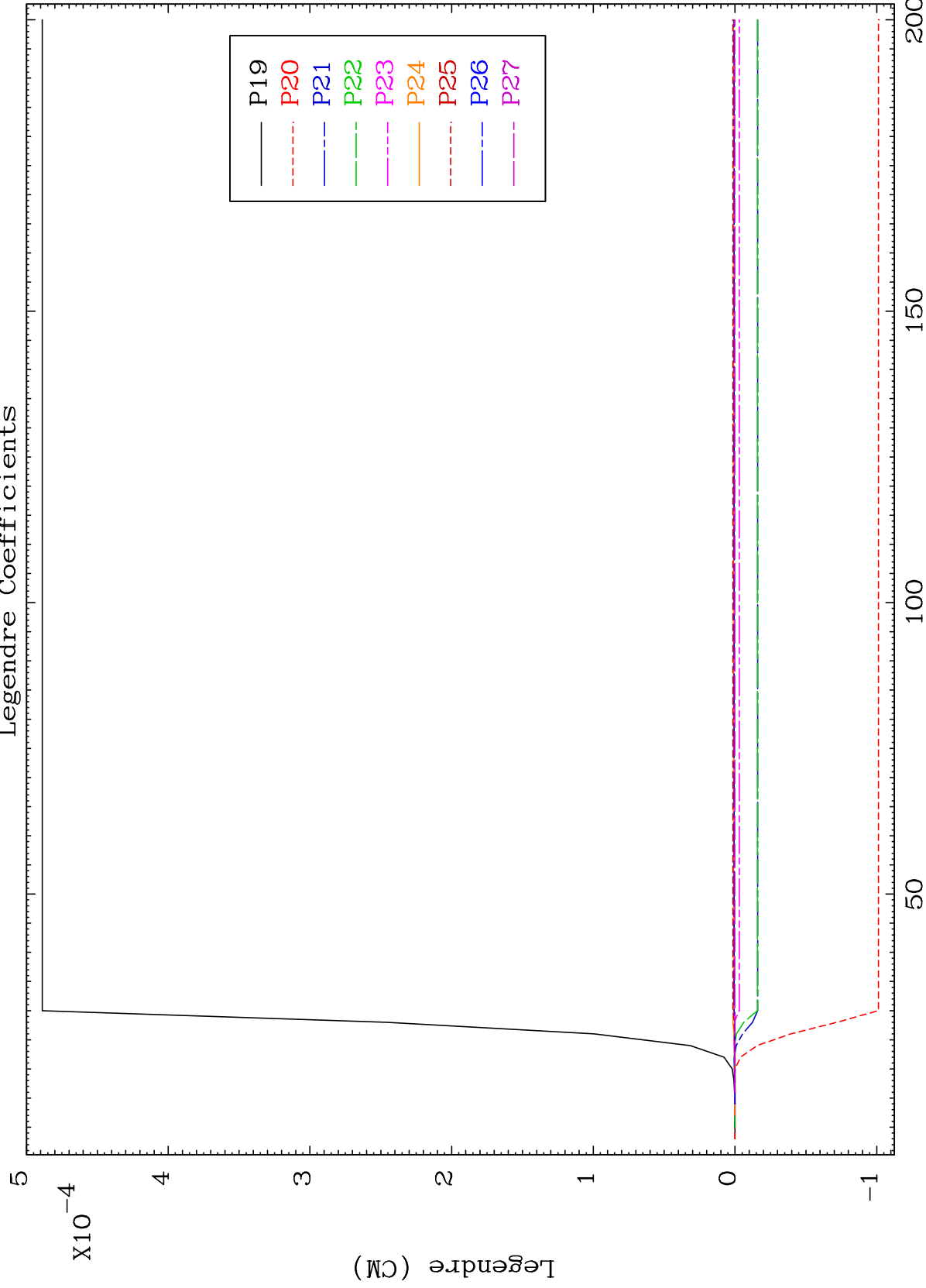
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32

Incident Energy (MeV)

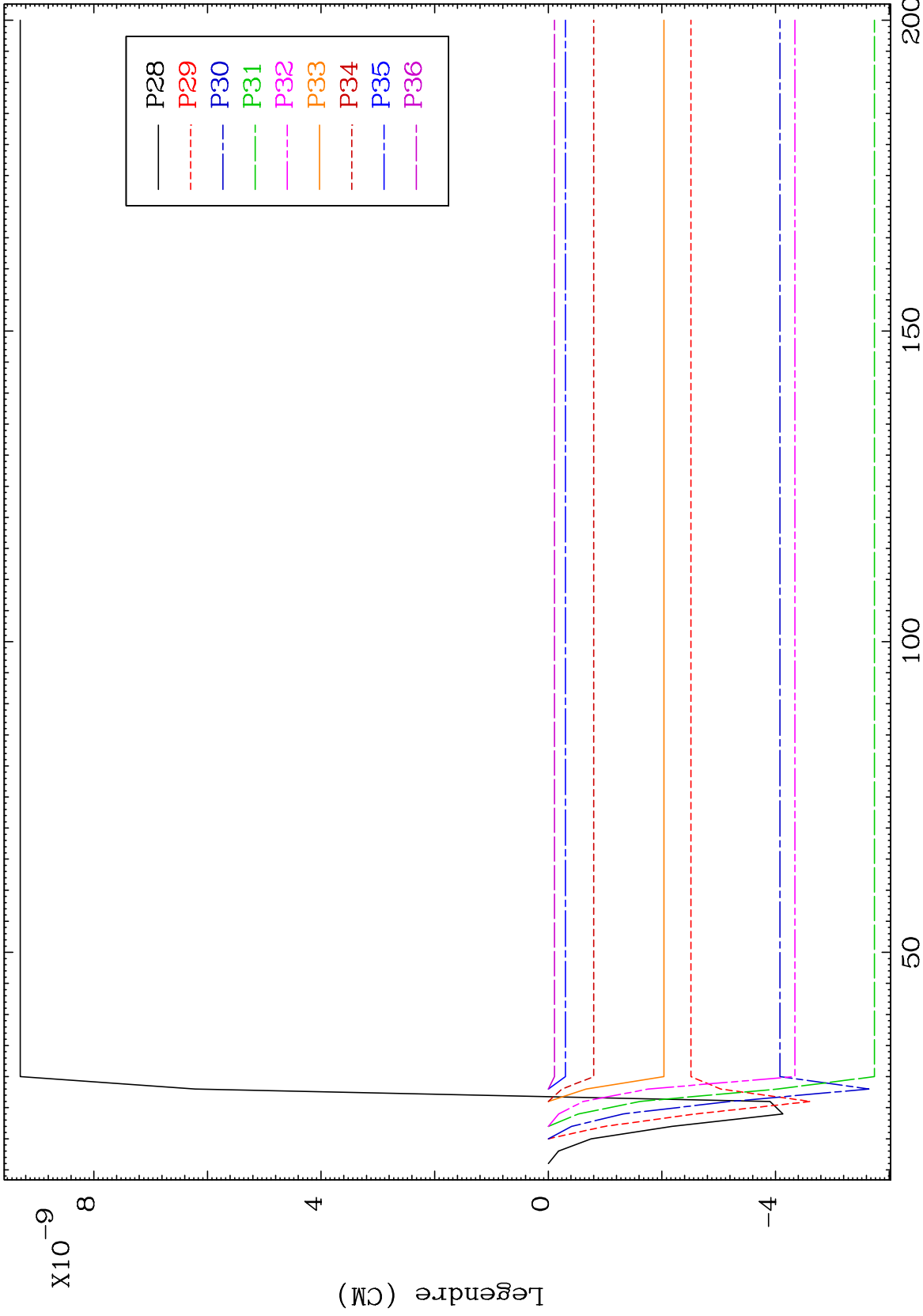
86-Rn-203



MAT 8601

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

86-Rn-203



34

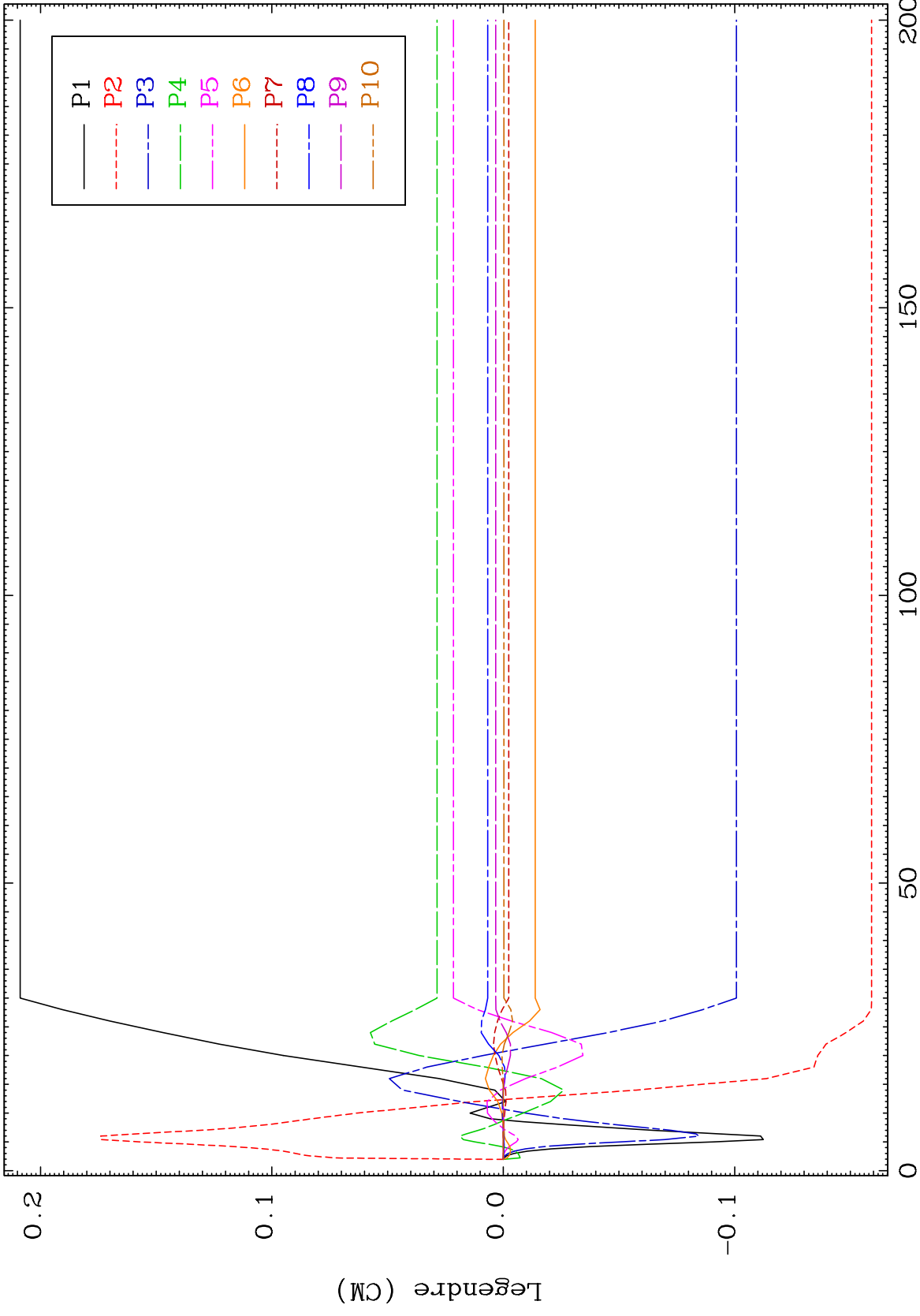
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



35

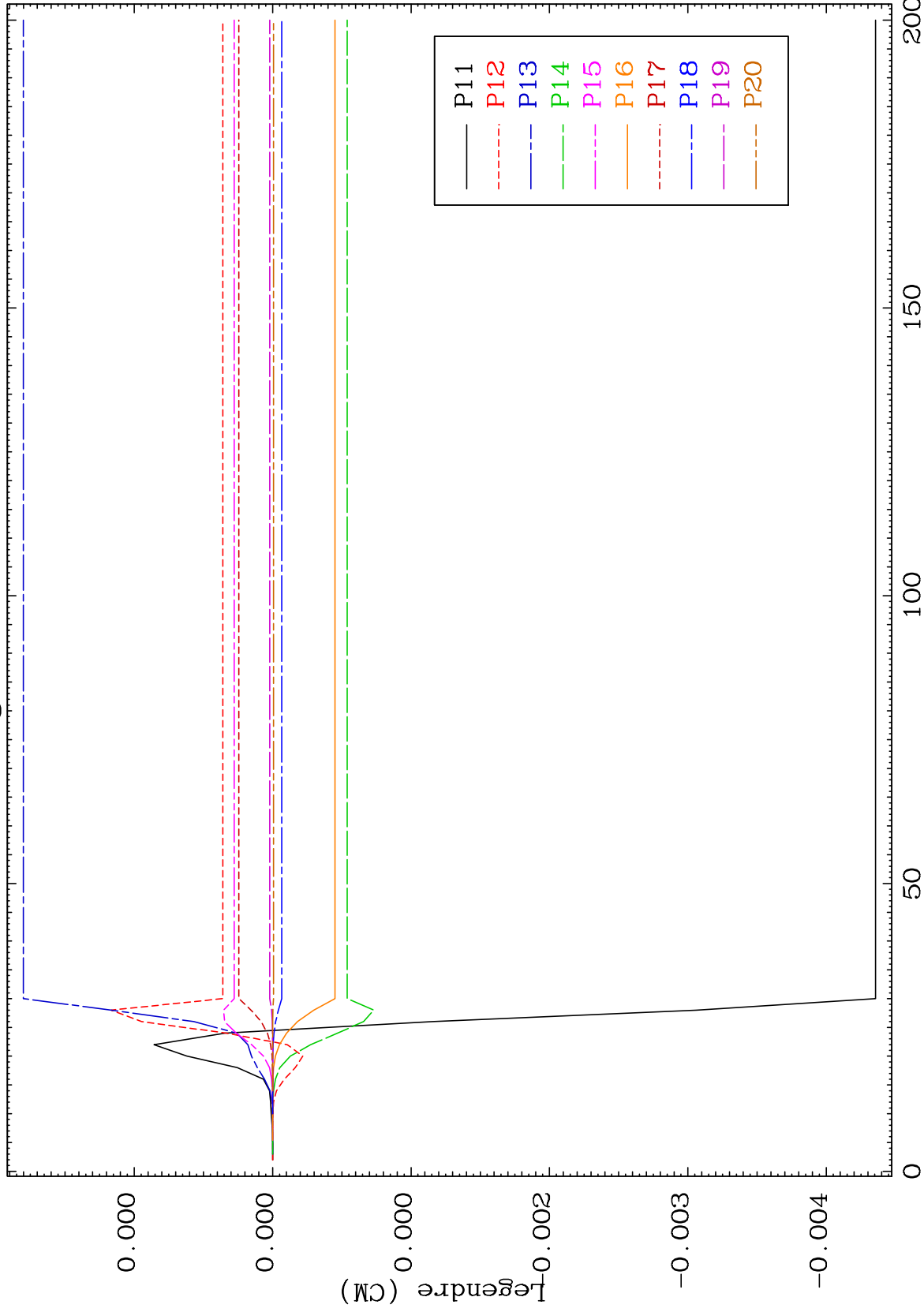
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



36

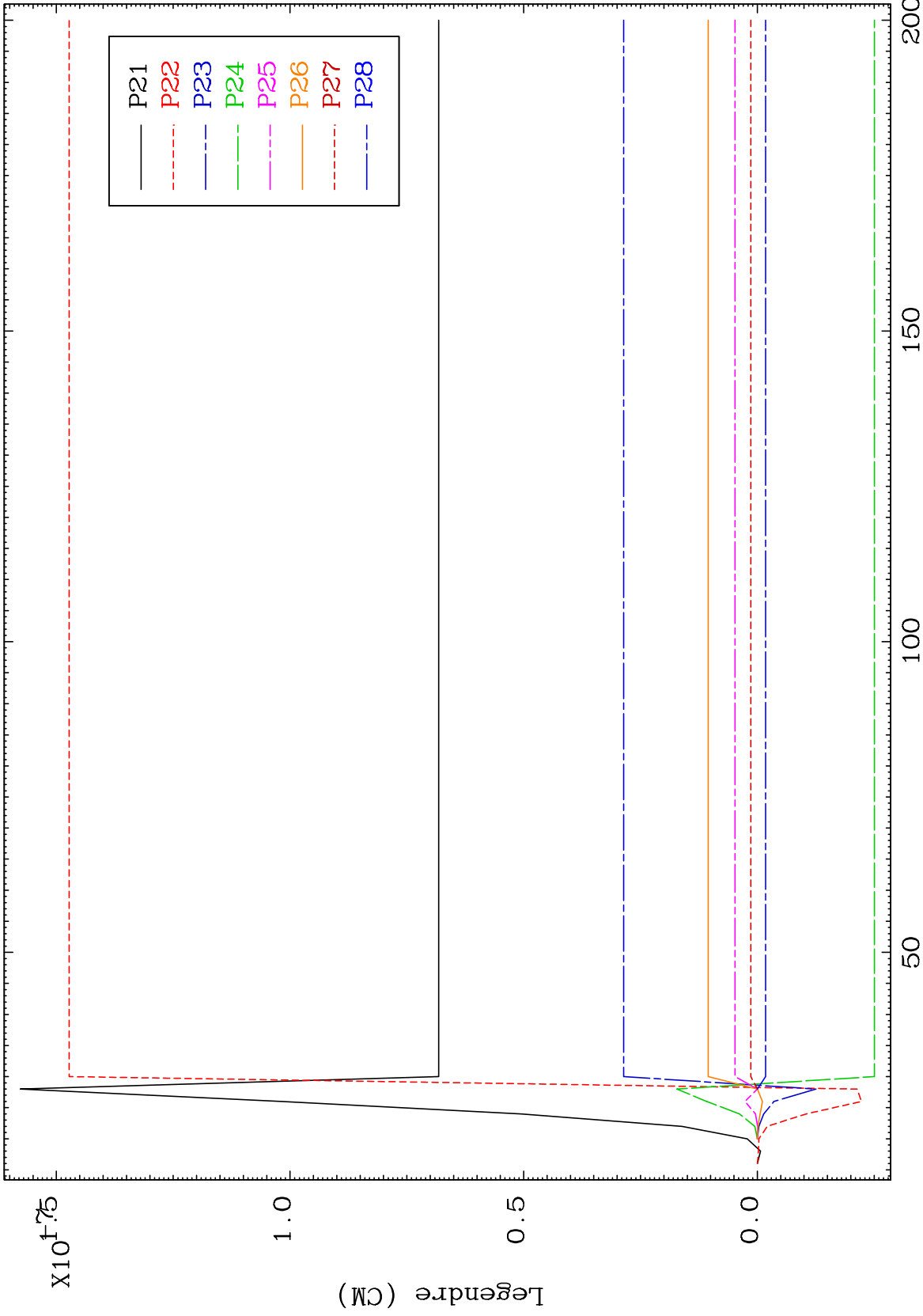
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



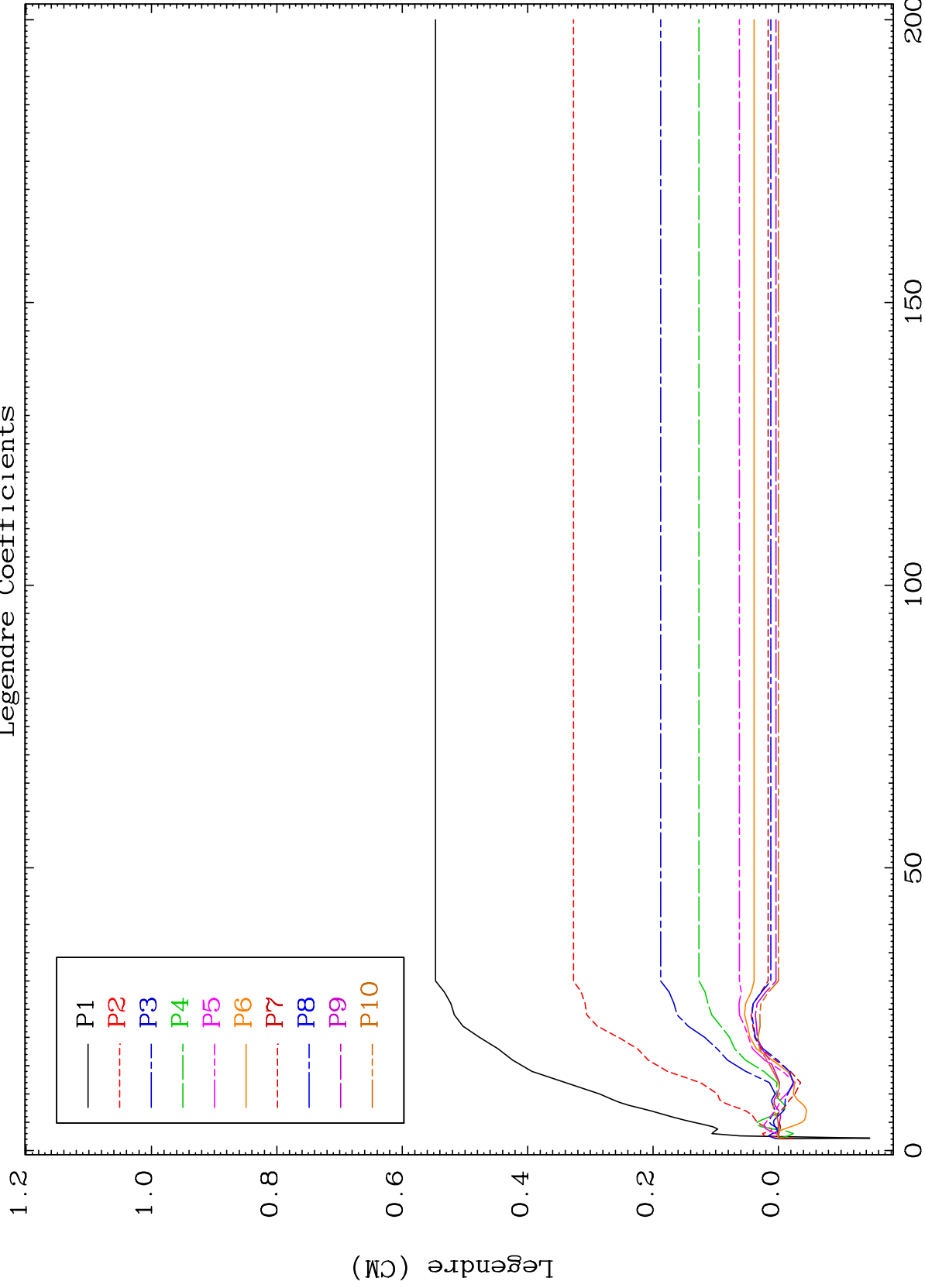
37

86-Rn-203

MAT 8601

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

86-Rn-203



38

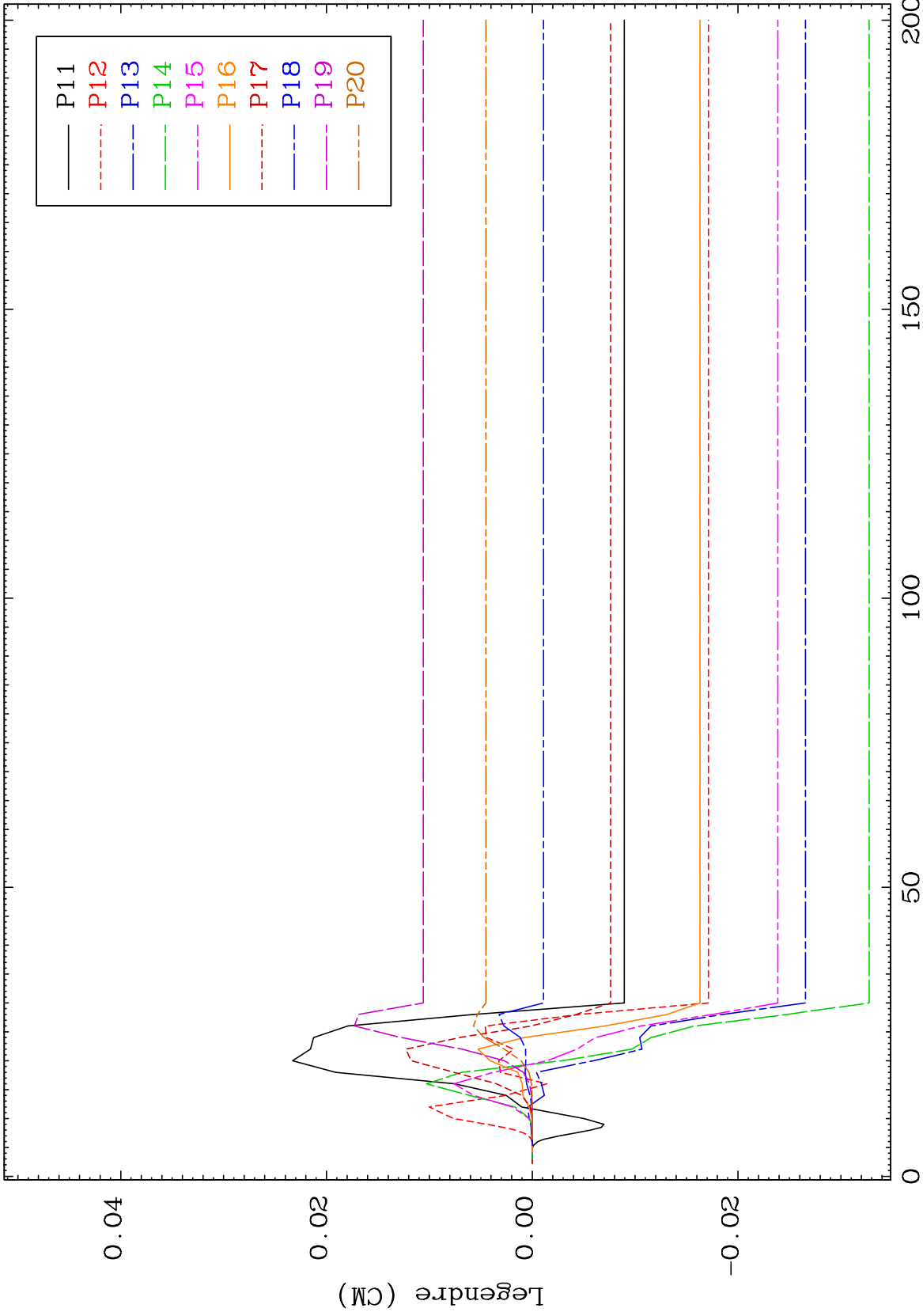
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



39

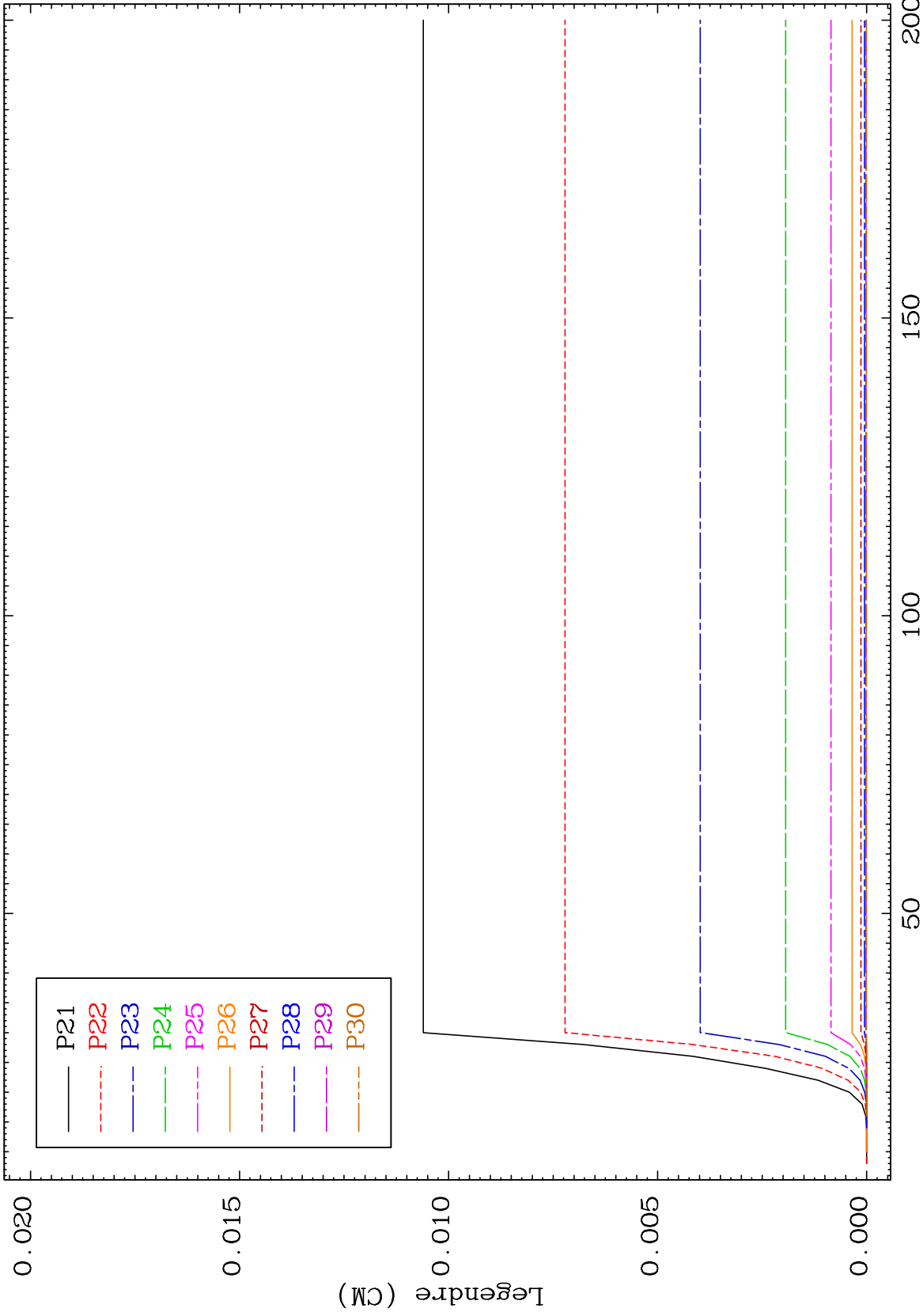
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



40

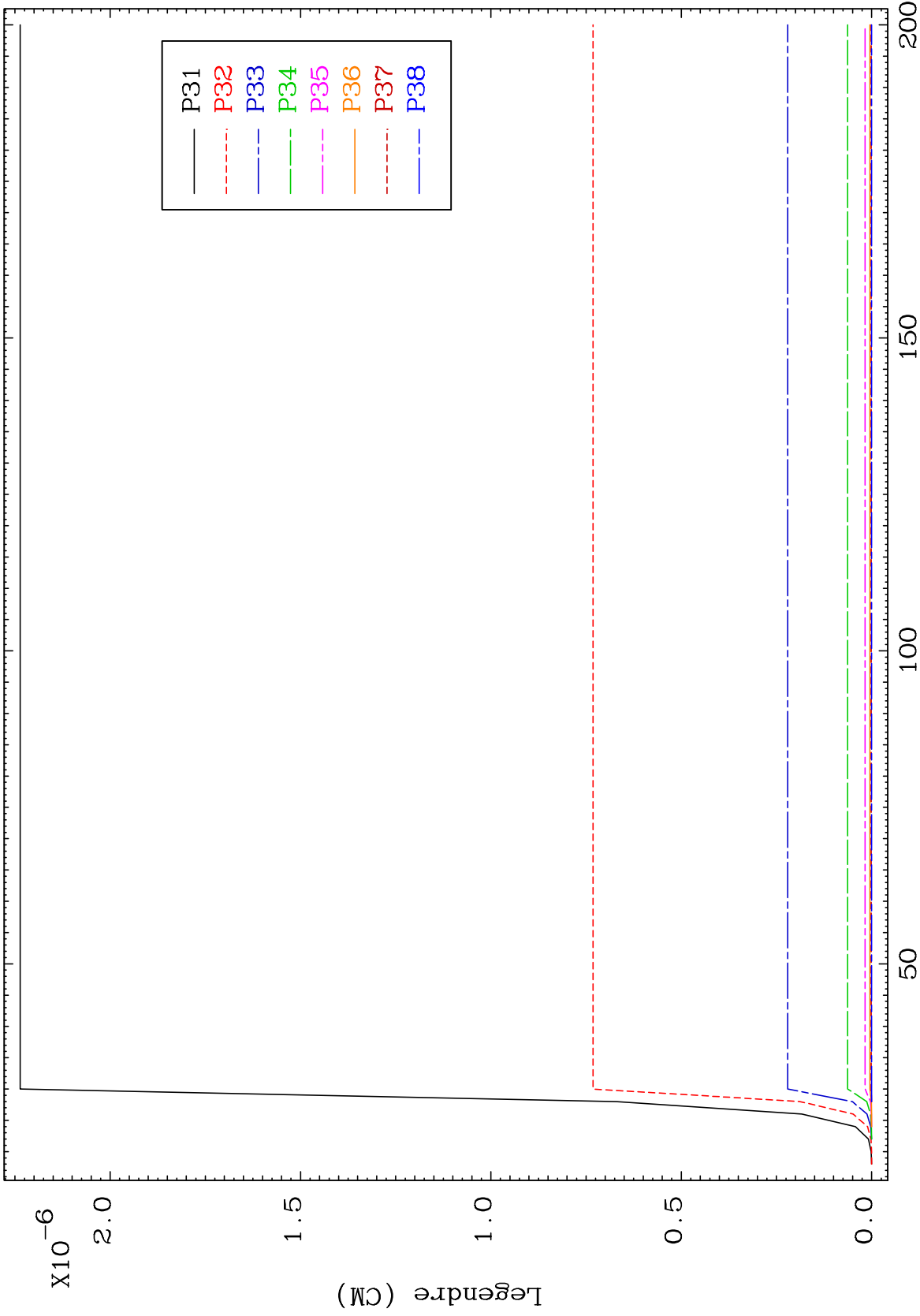
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



41

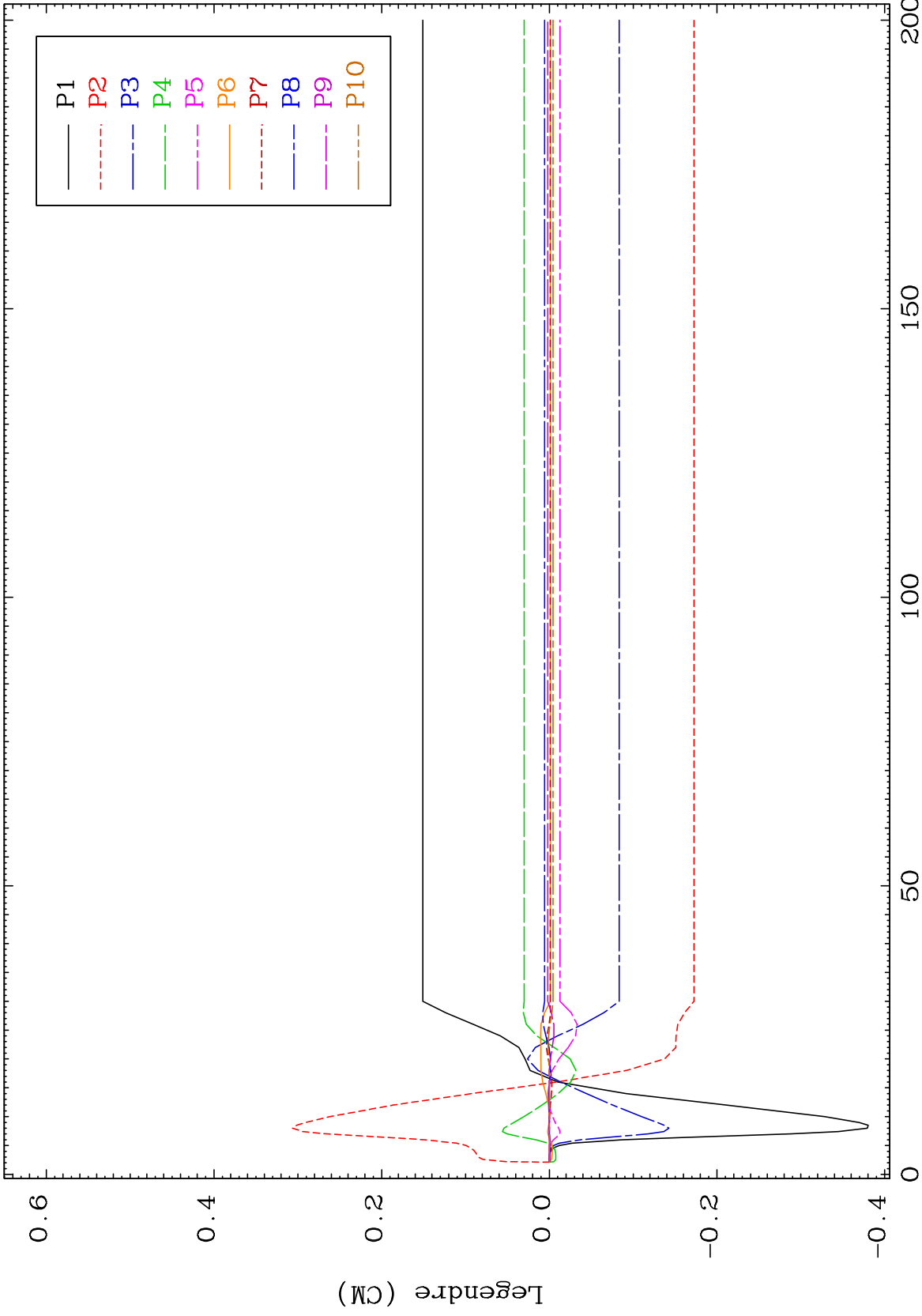
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



42

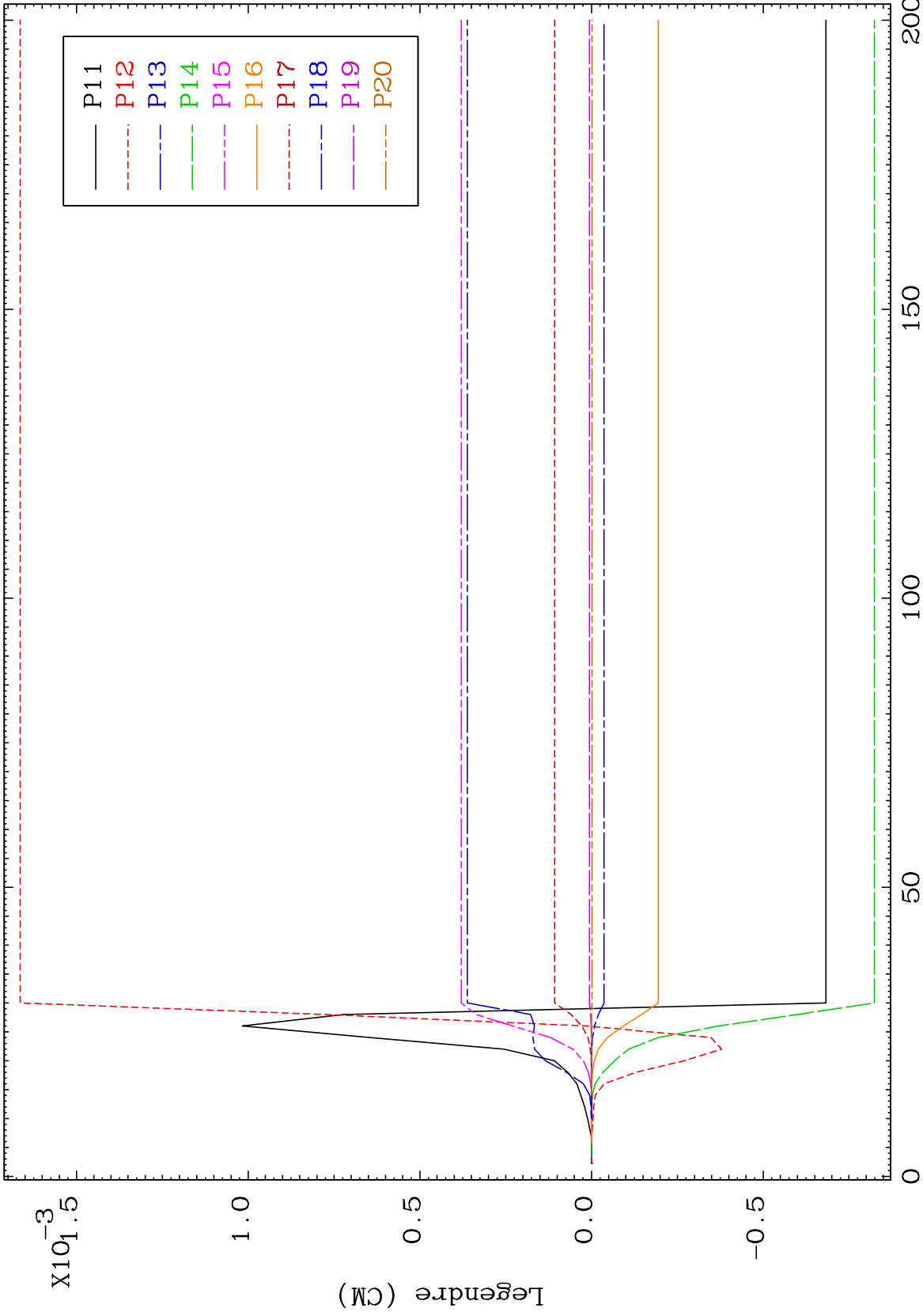
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



43

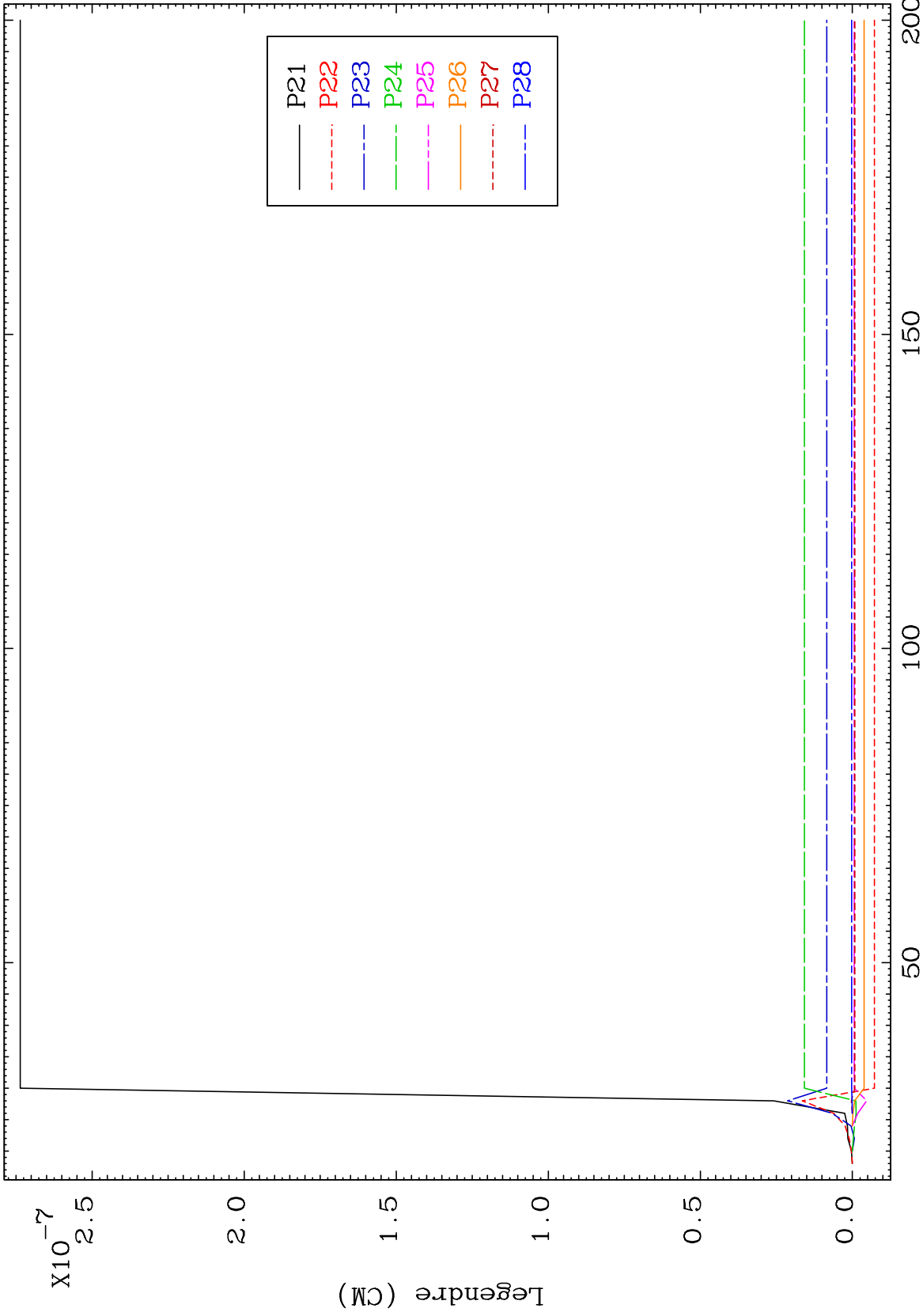
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



44

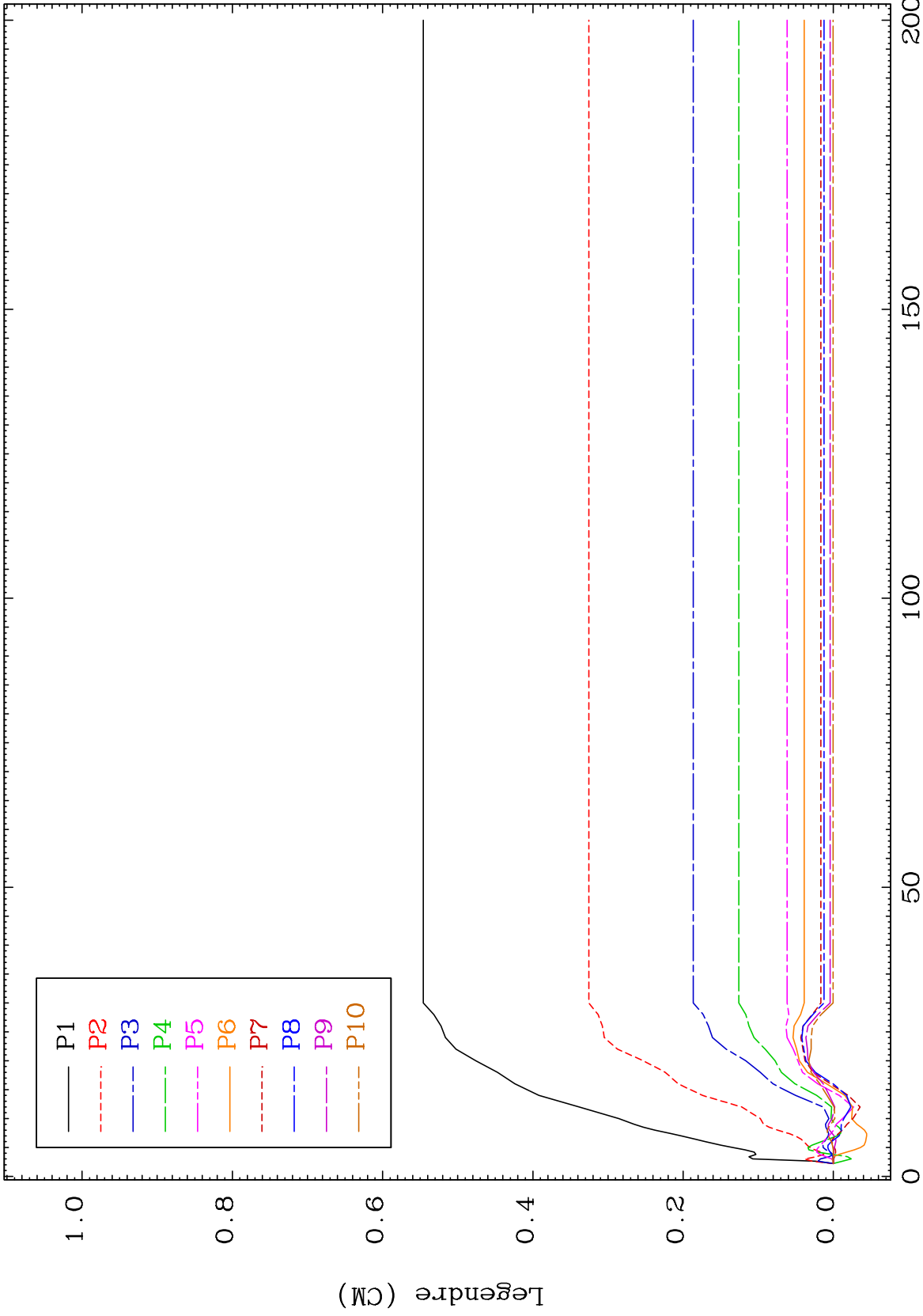
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



45

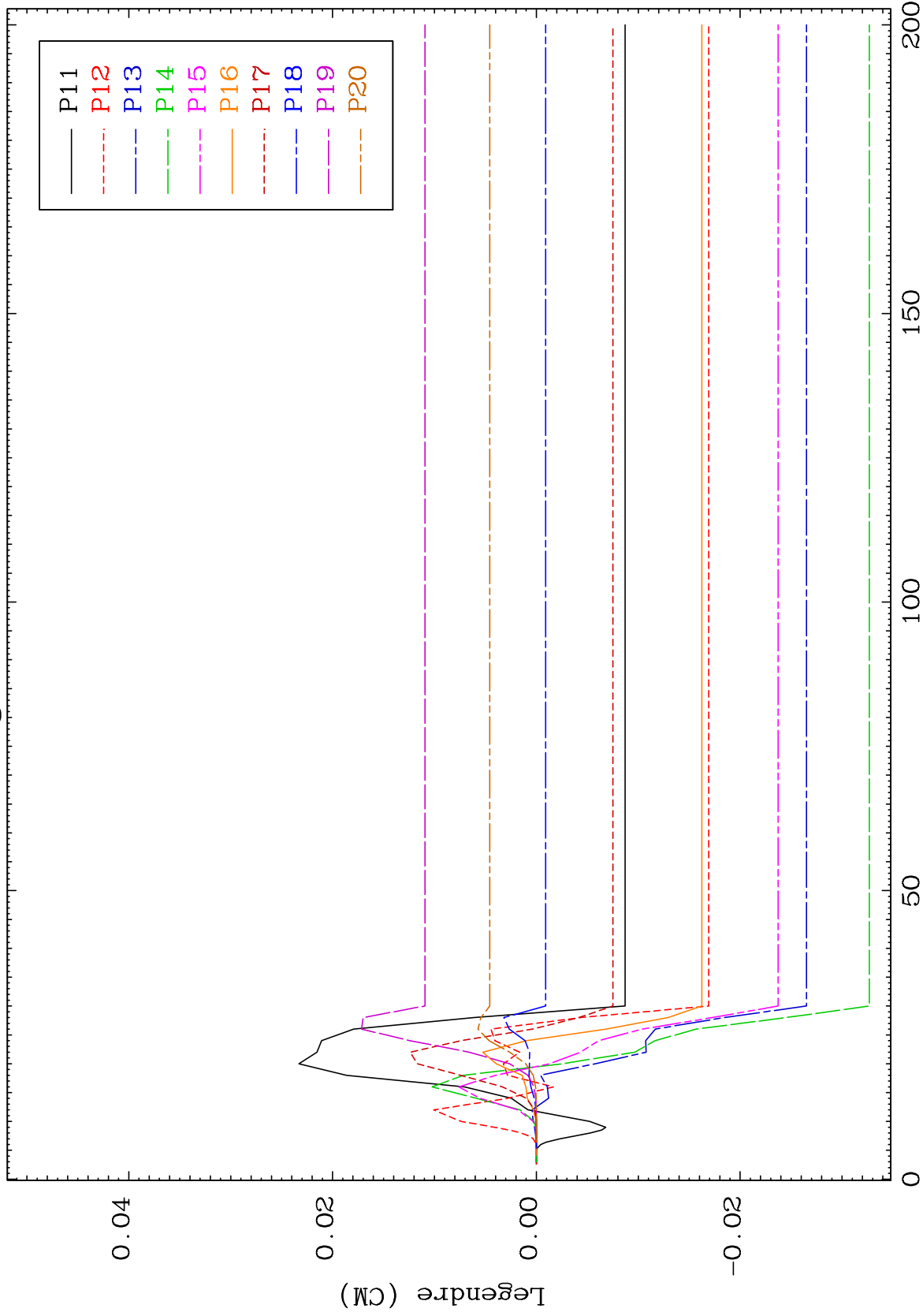
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



46

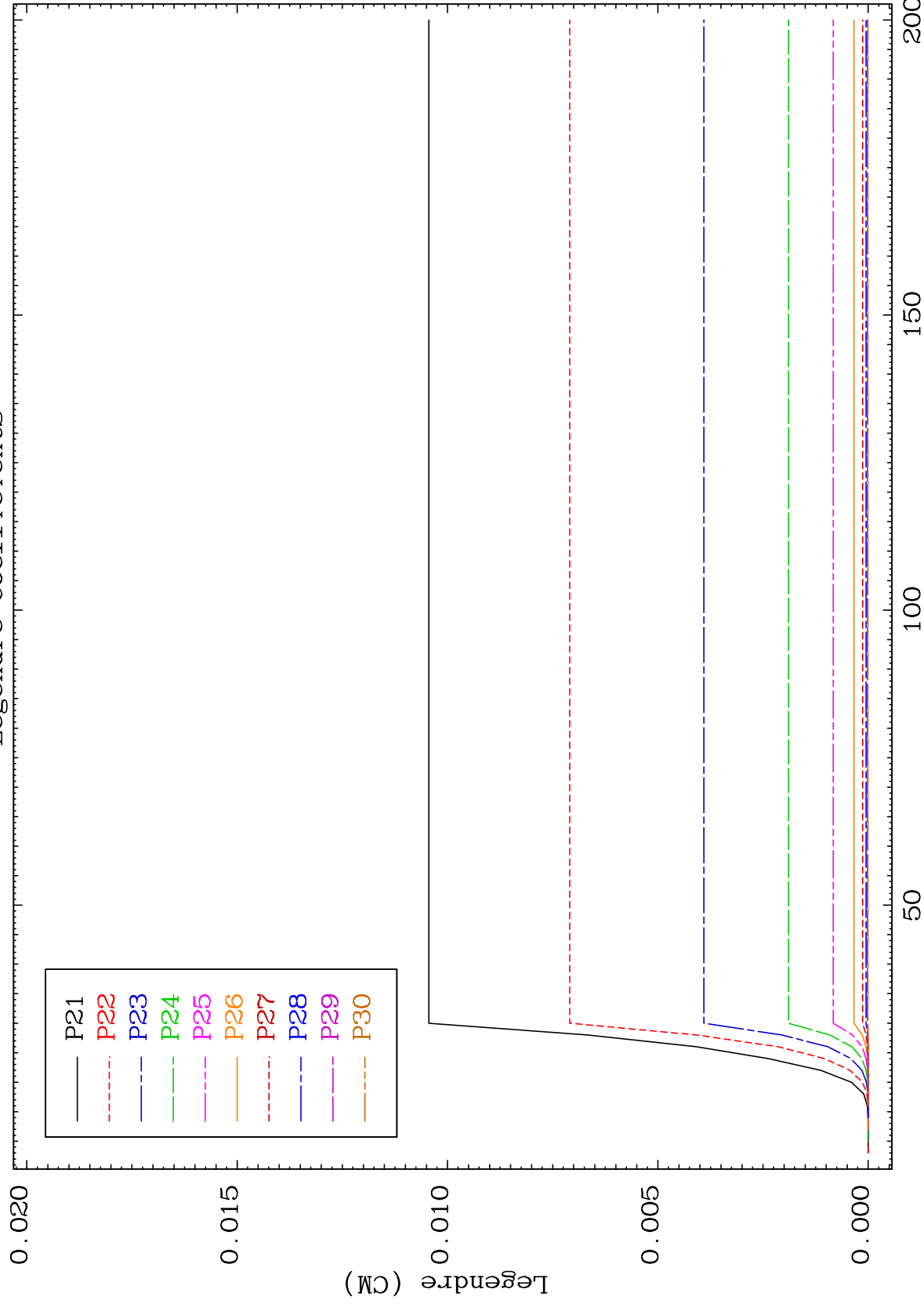
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

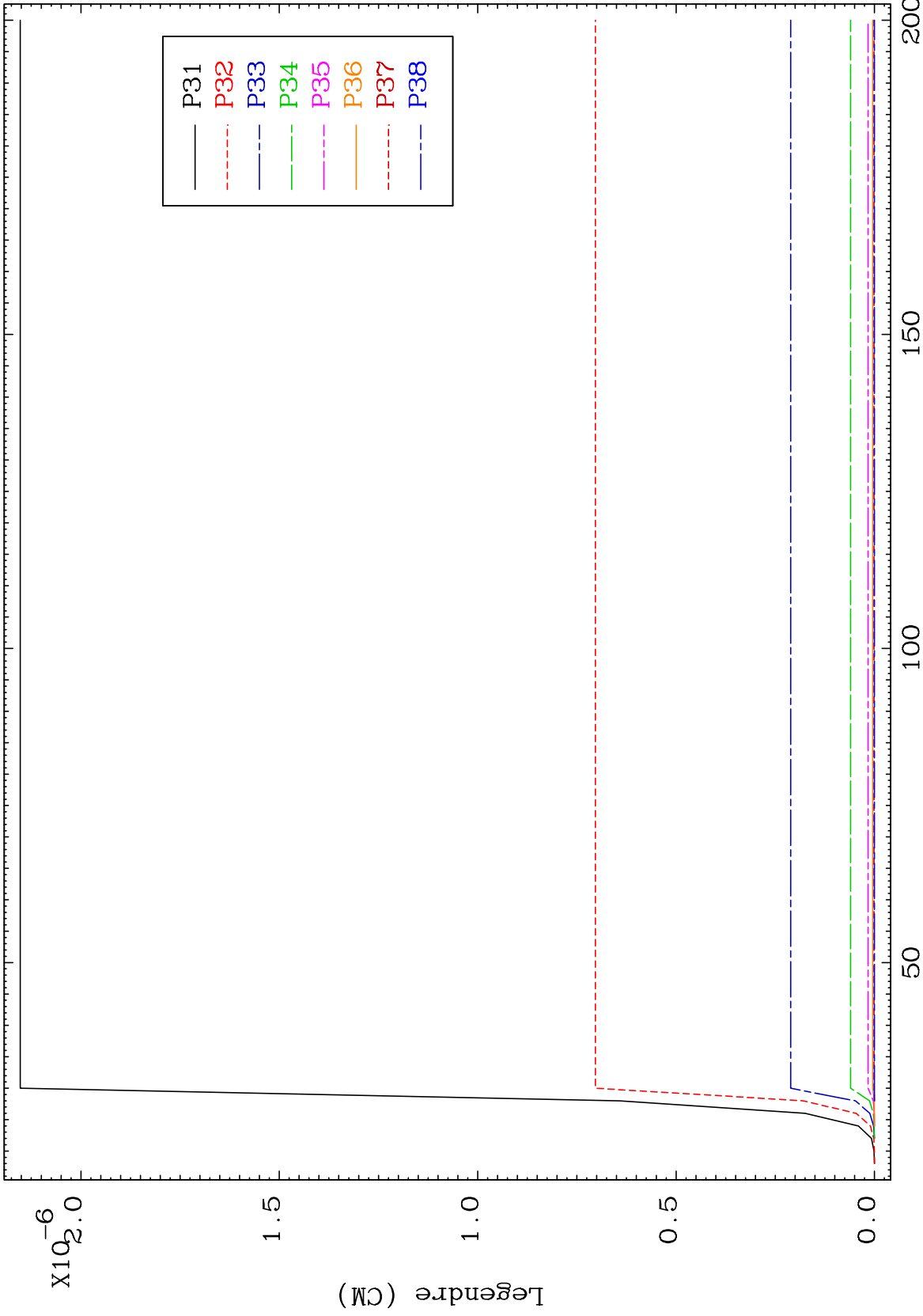
86-Rn-203



MAT 8601

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

86-Rn-203



48

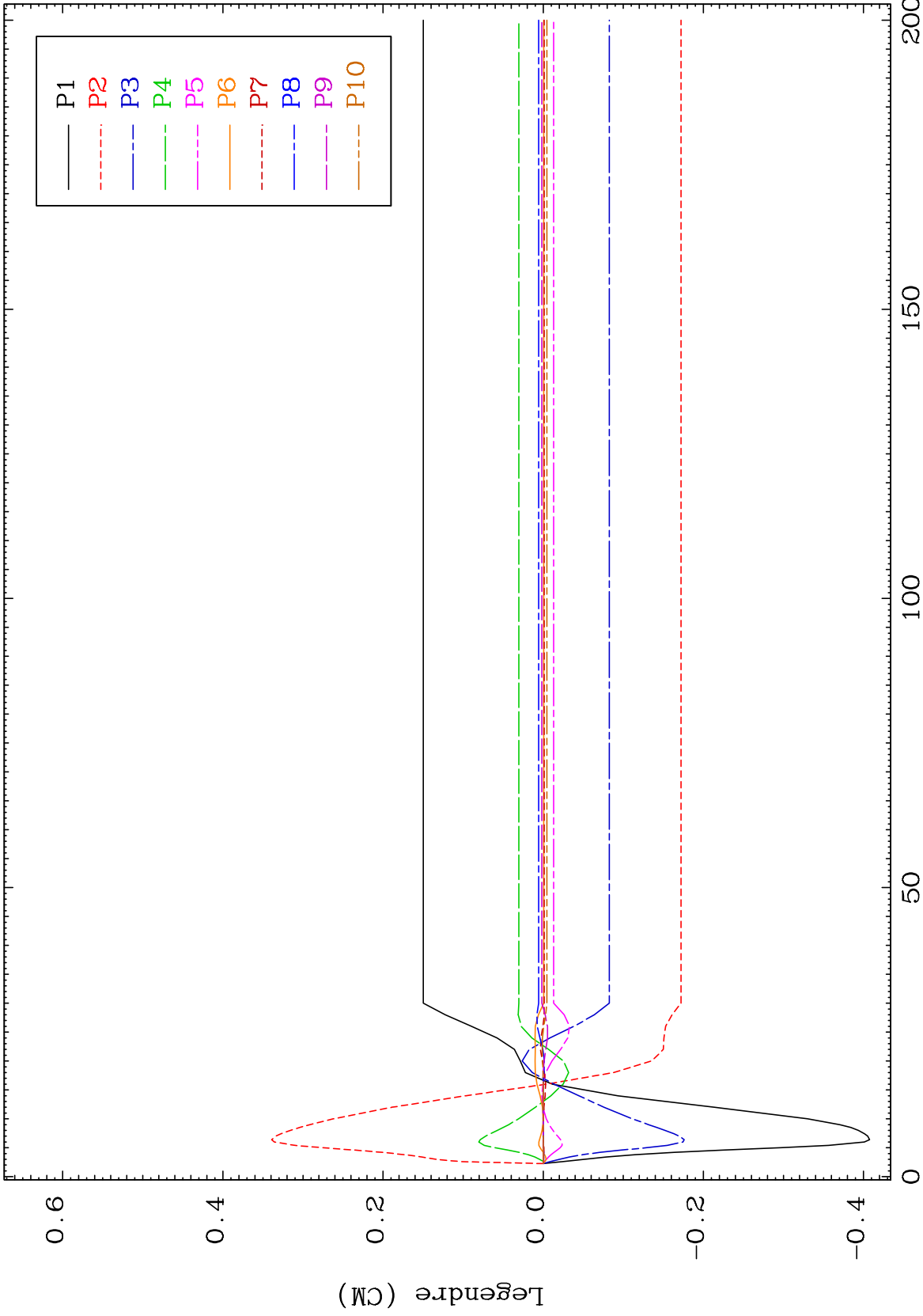
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



49

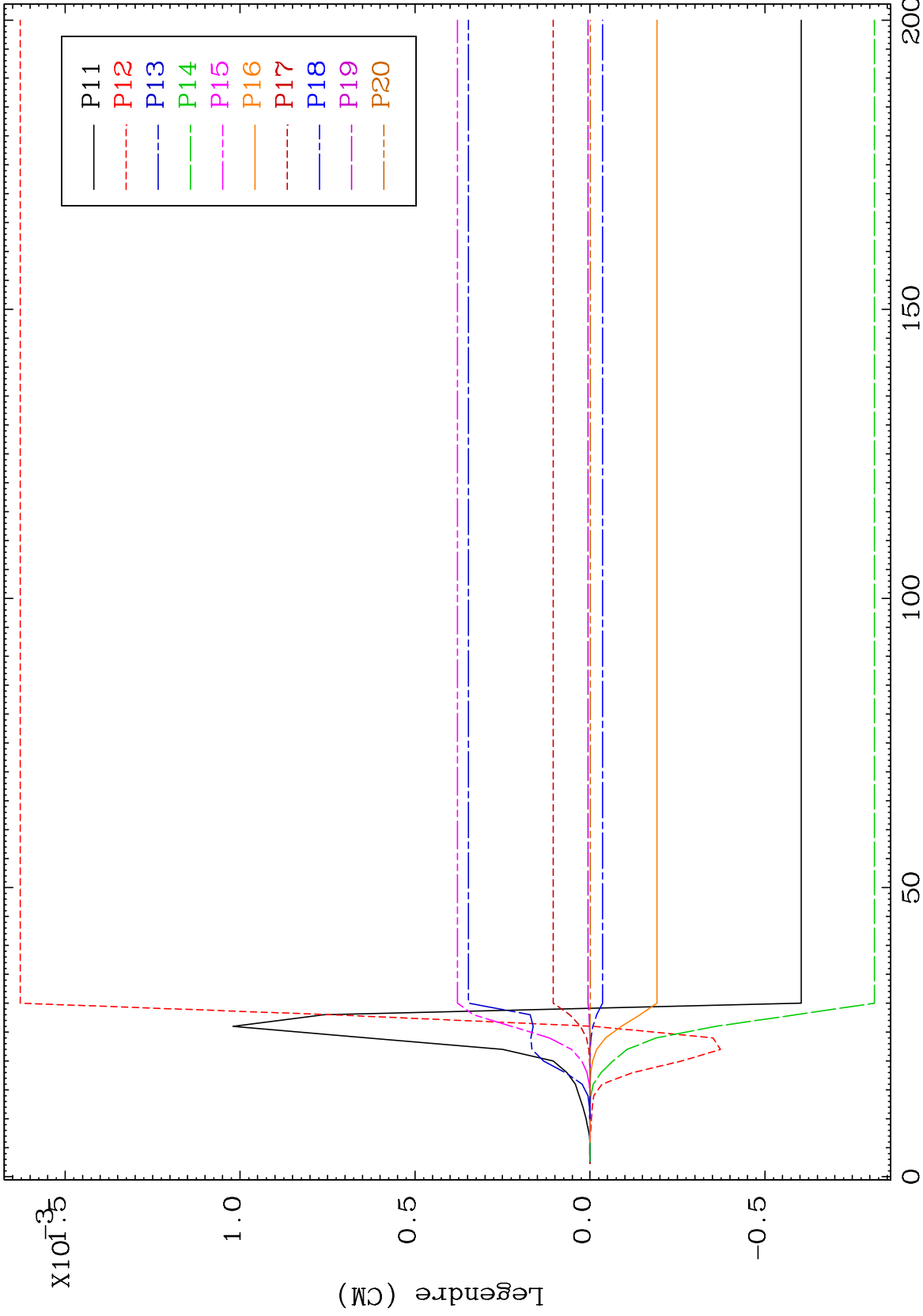
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



50

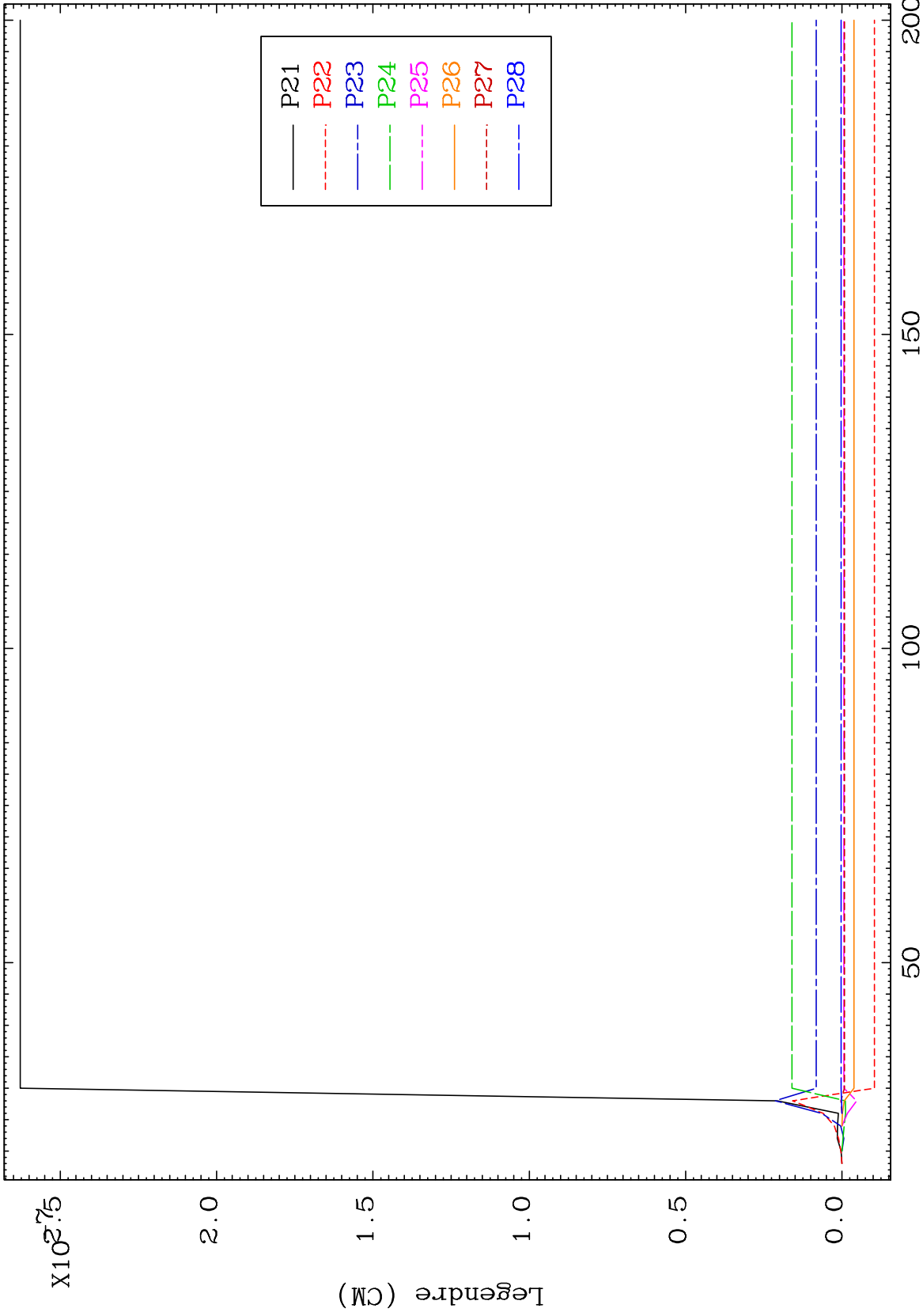
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



51

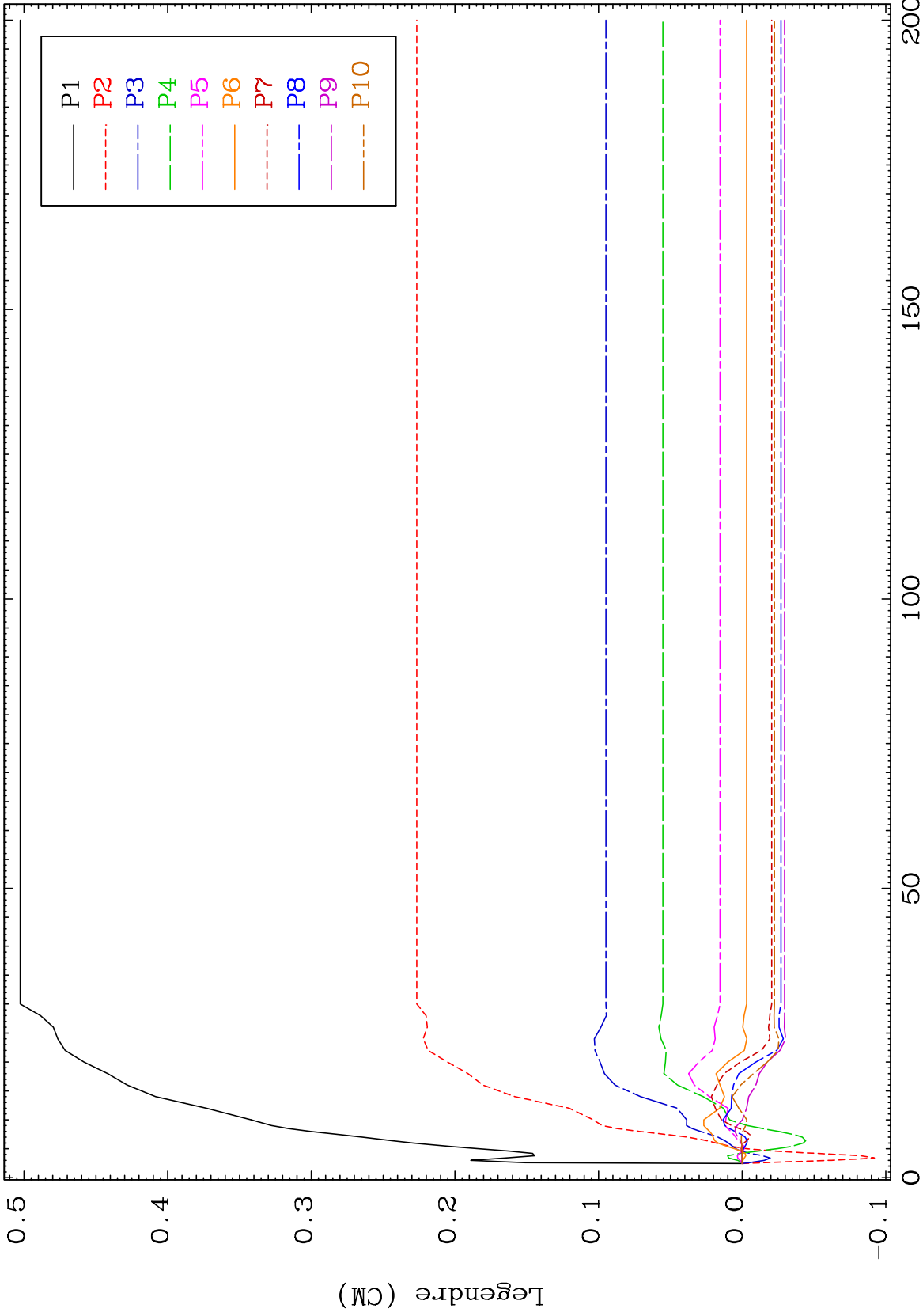
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



52

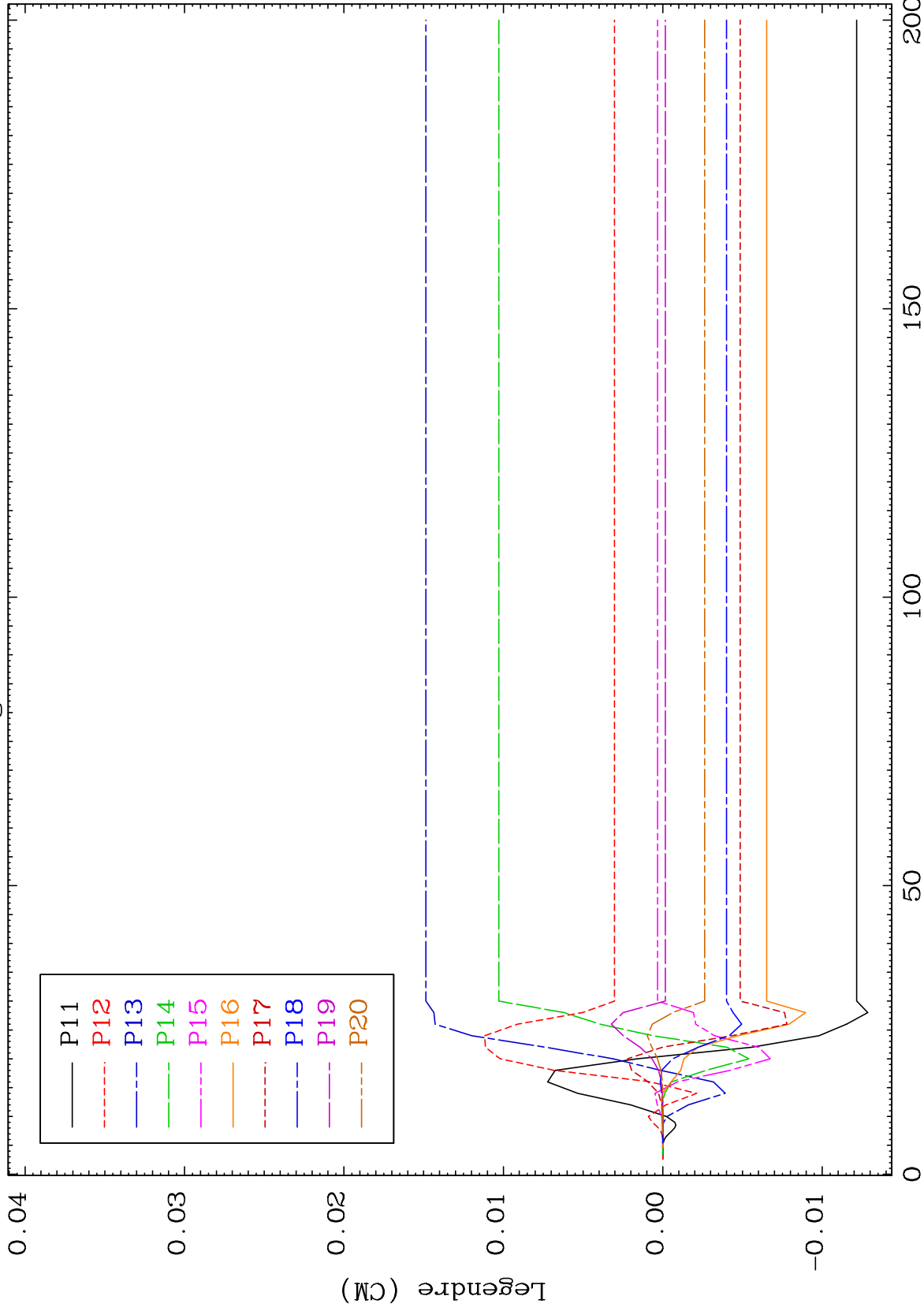
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



53

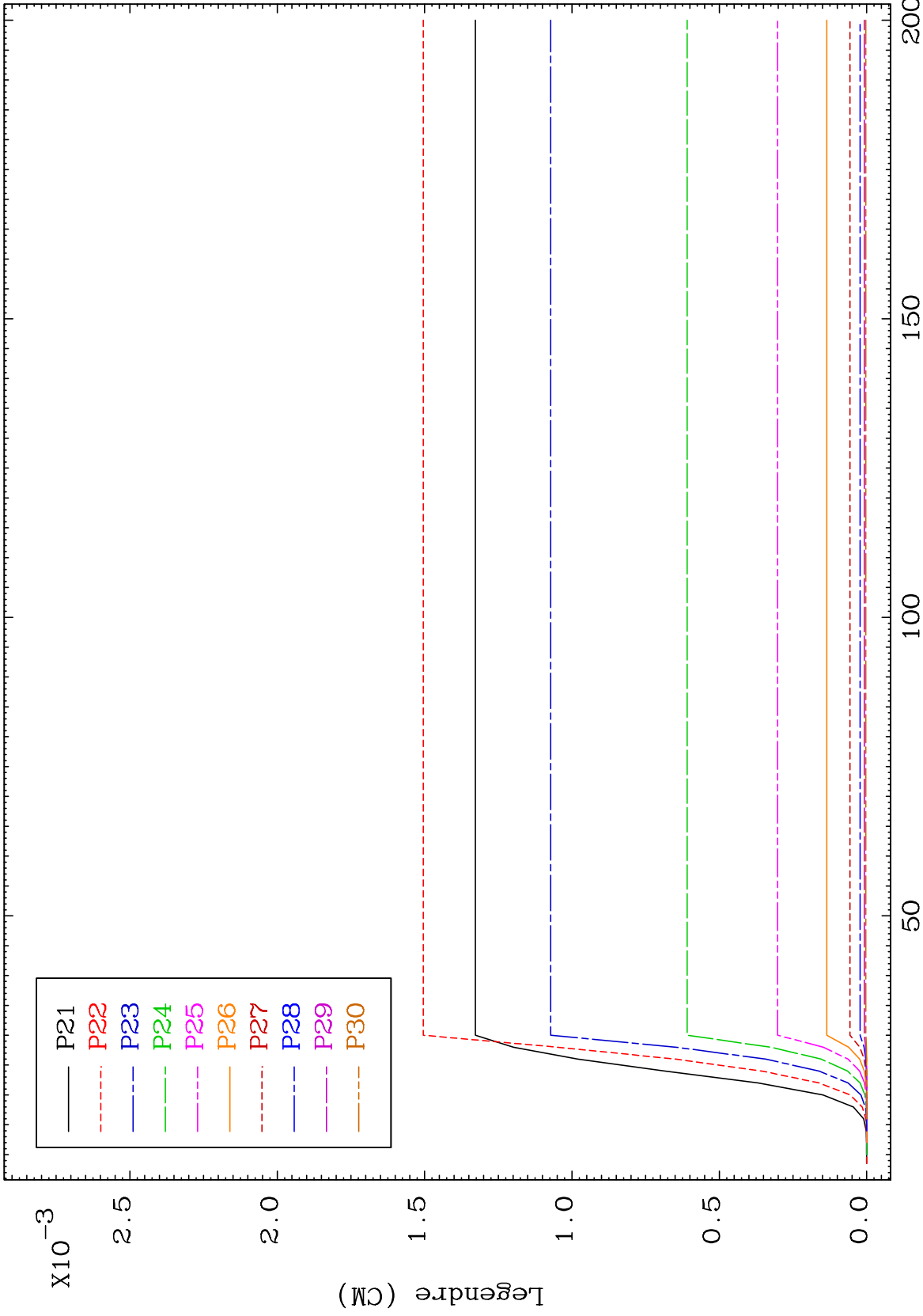
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



54

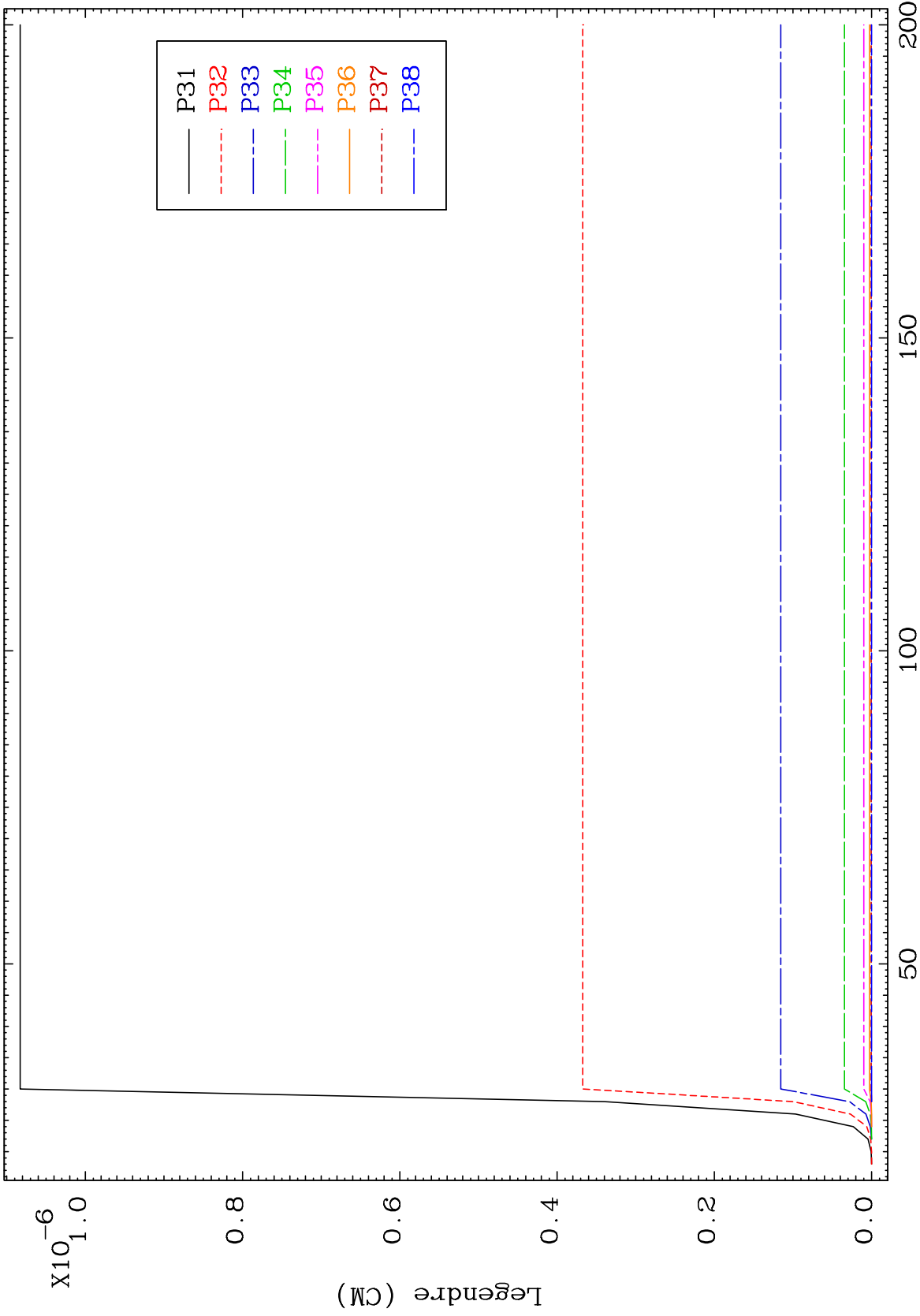
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



55

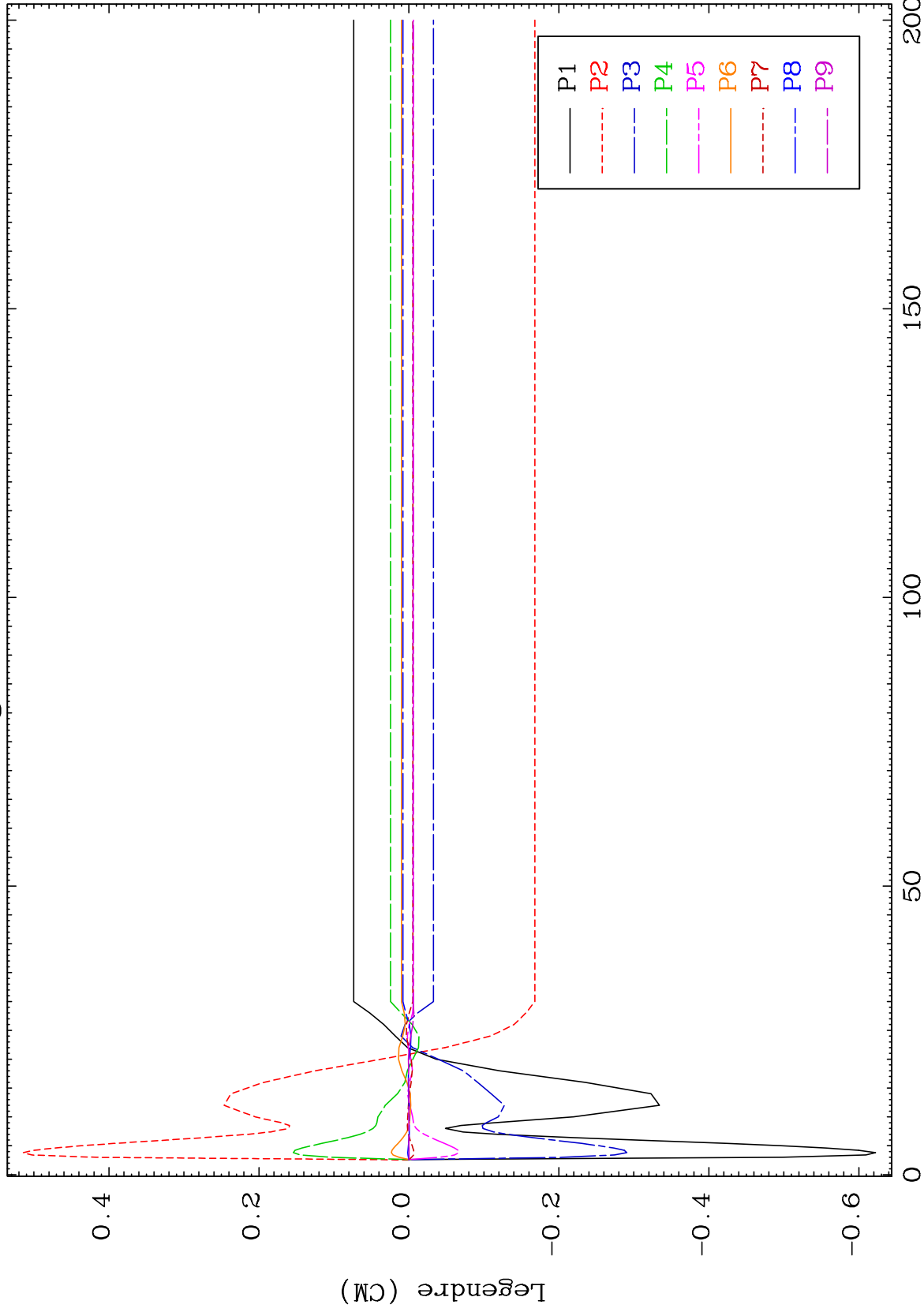
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



56

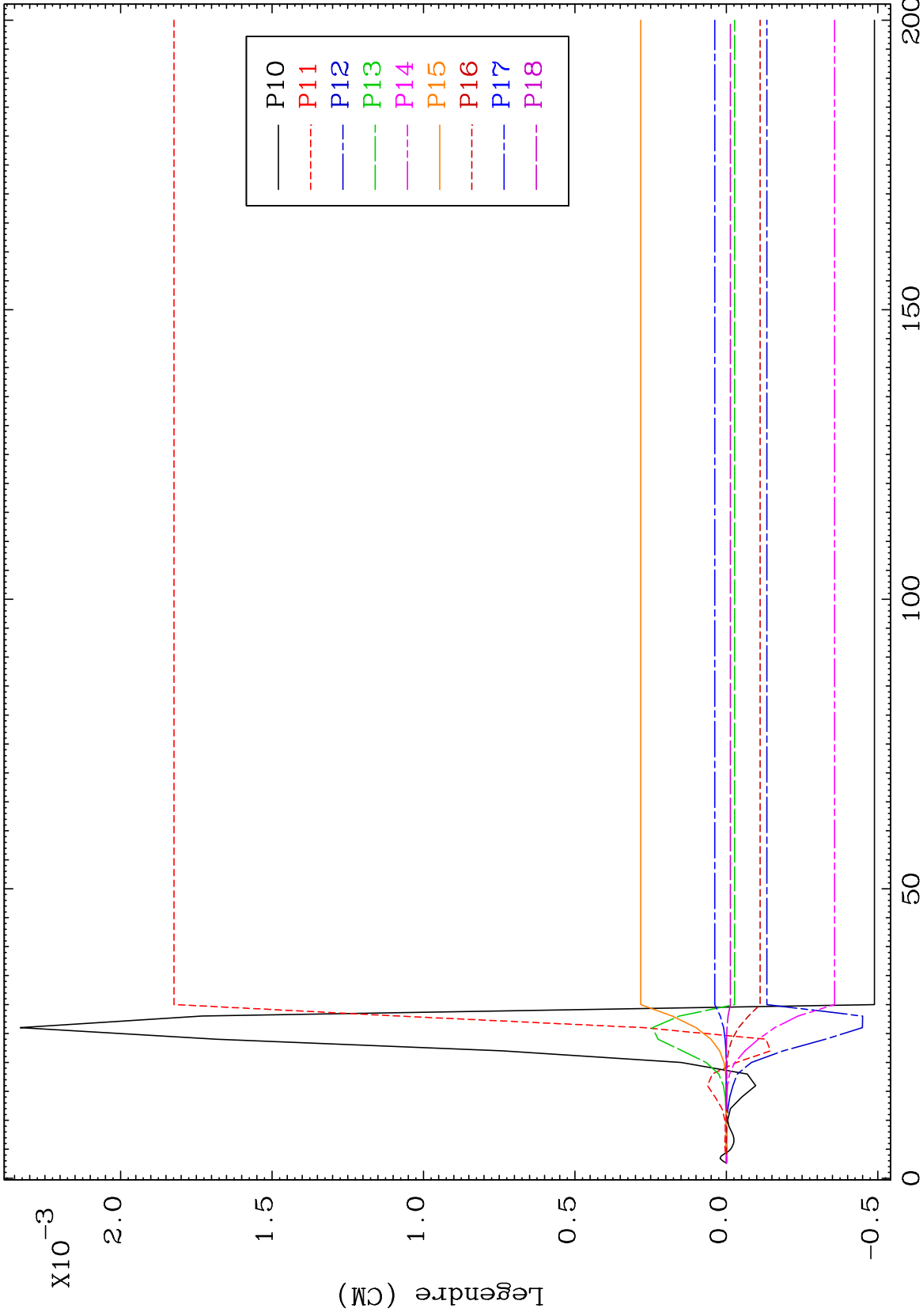
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



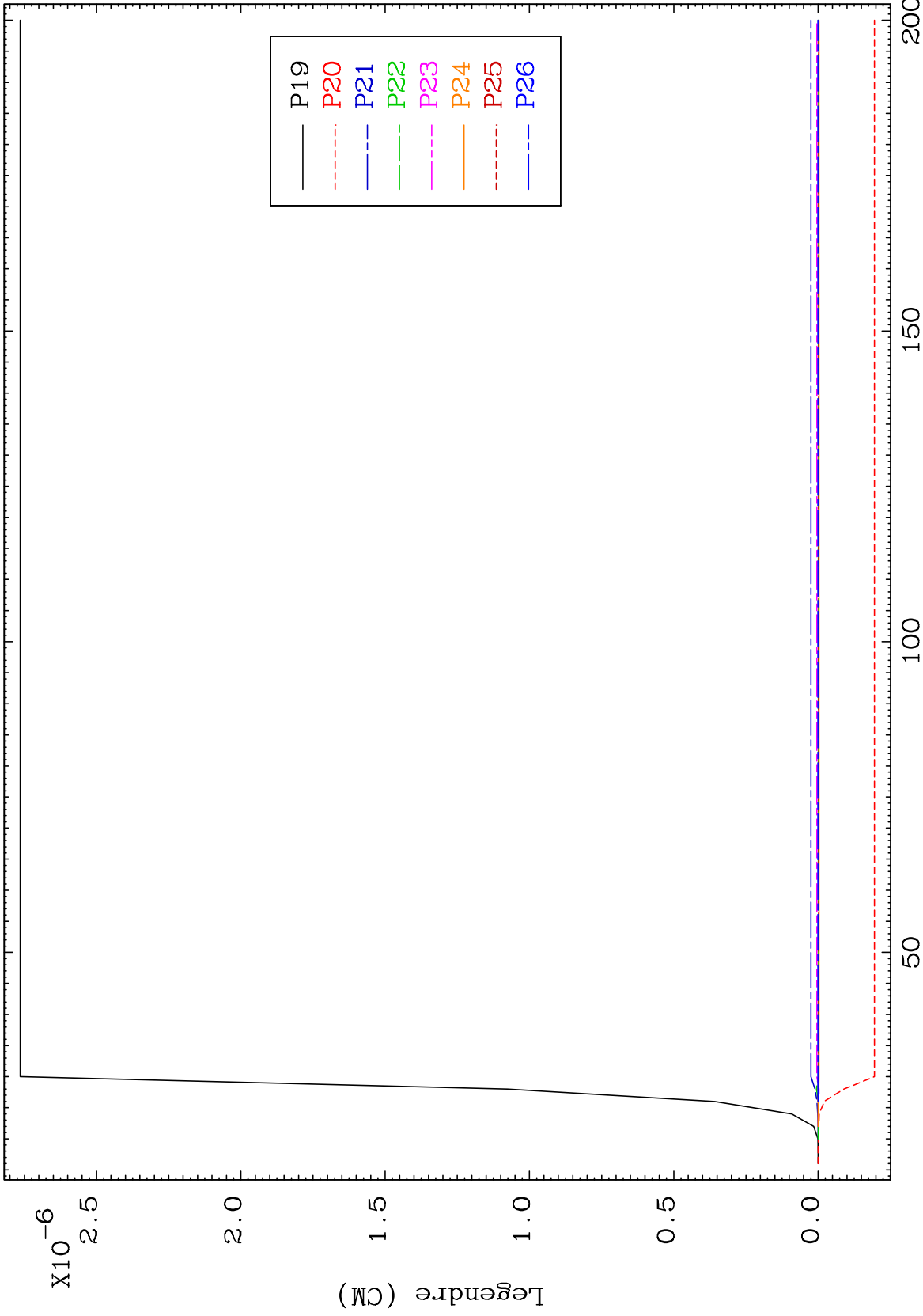
57

86-Rn-203

MAT 8601

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

86-Rn-203



58

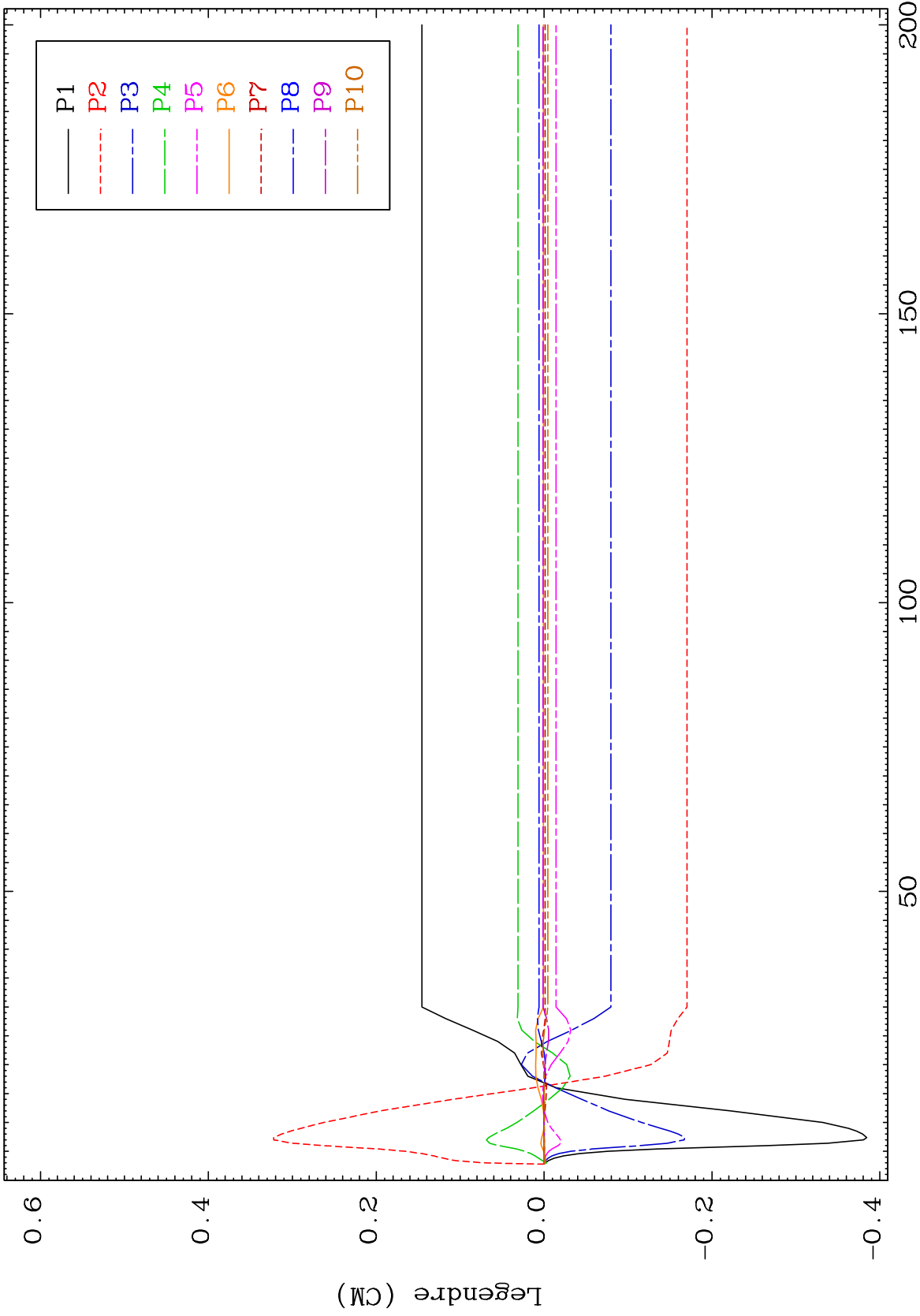
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



59

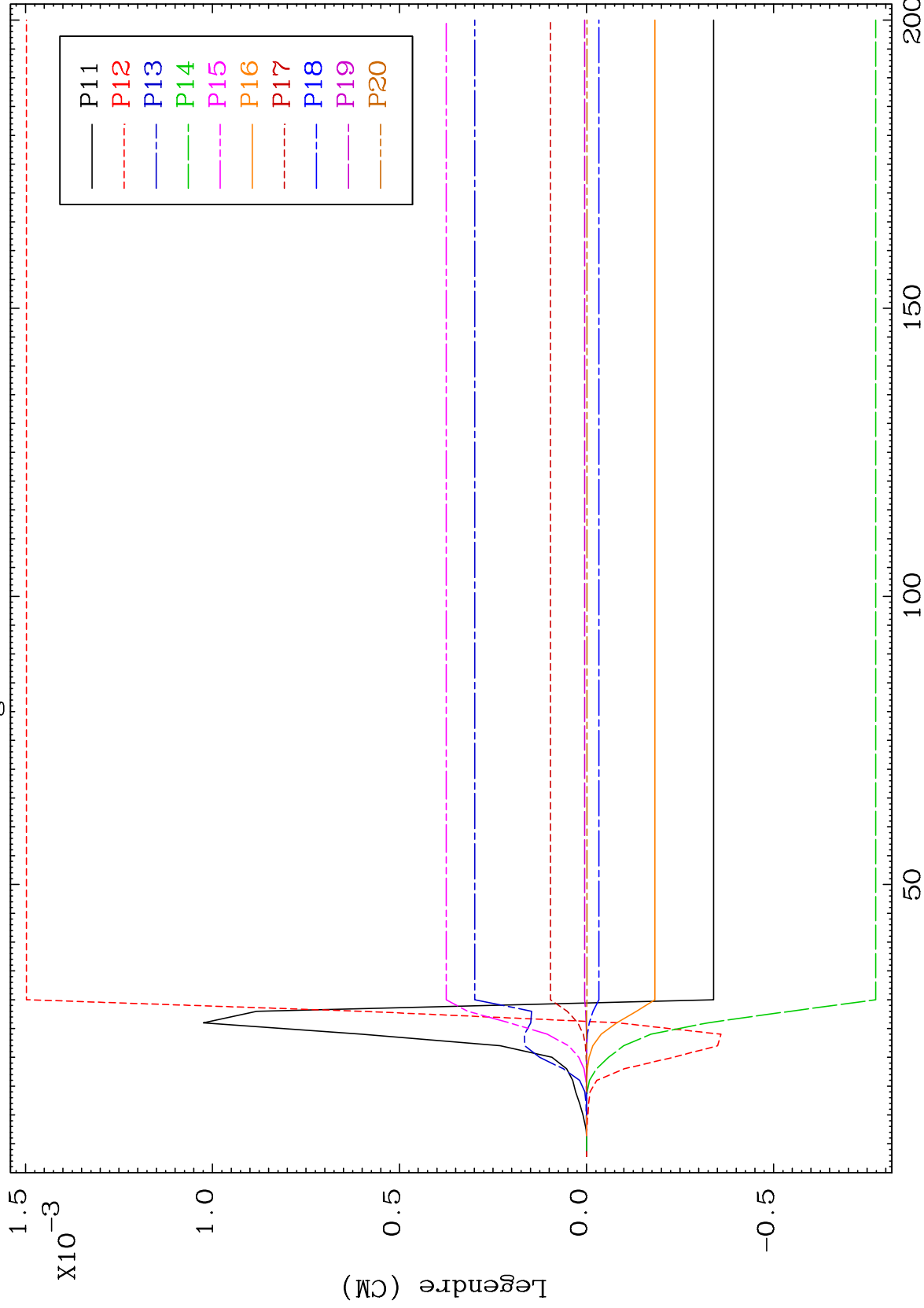
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



60

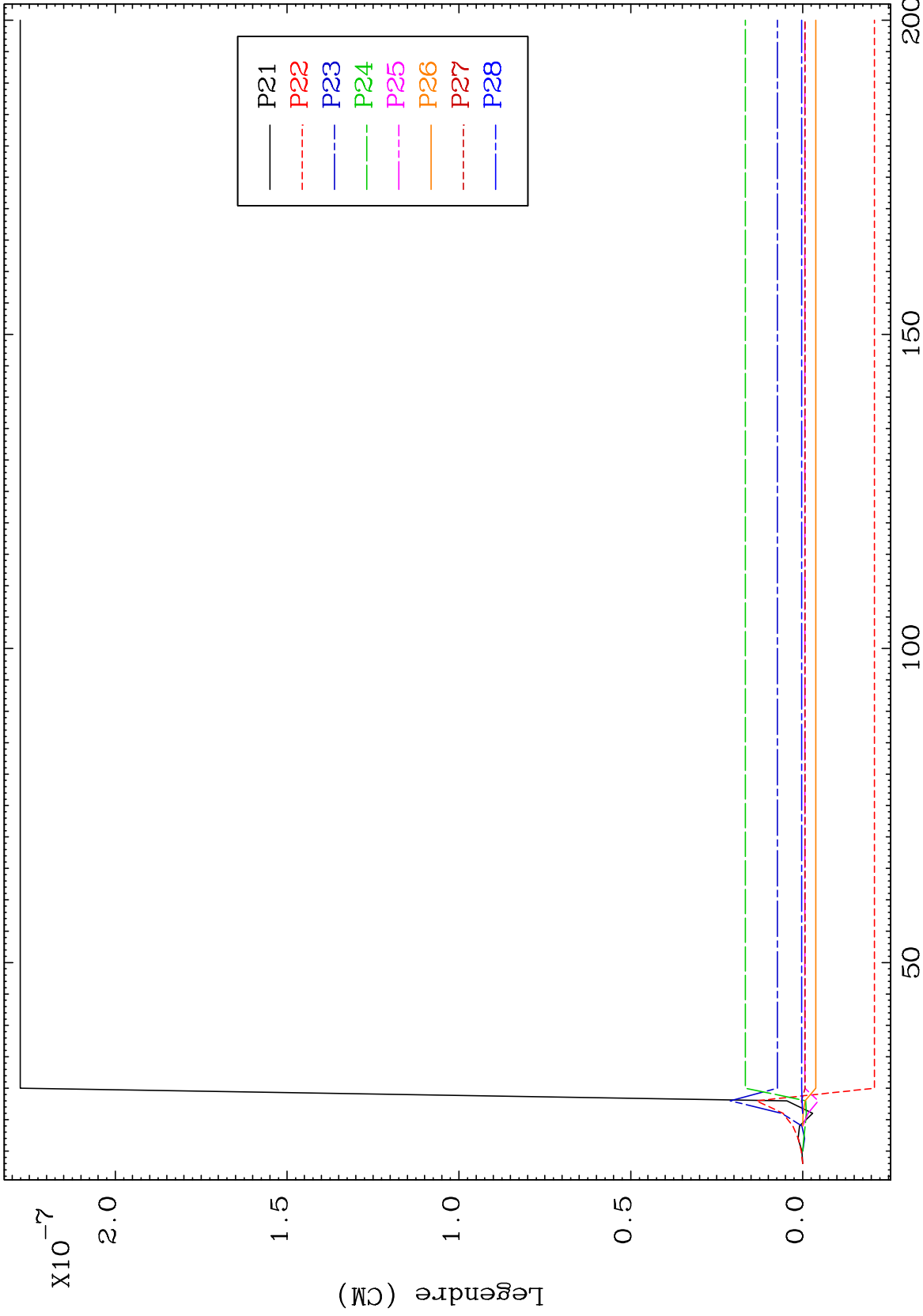
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



61

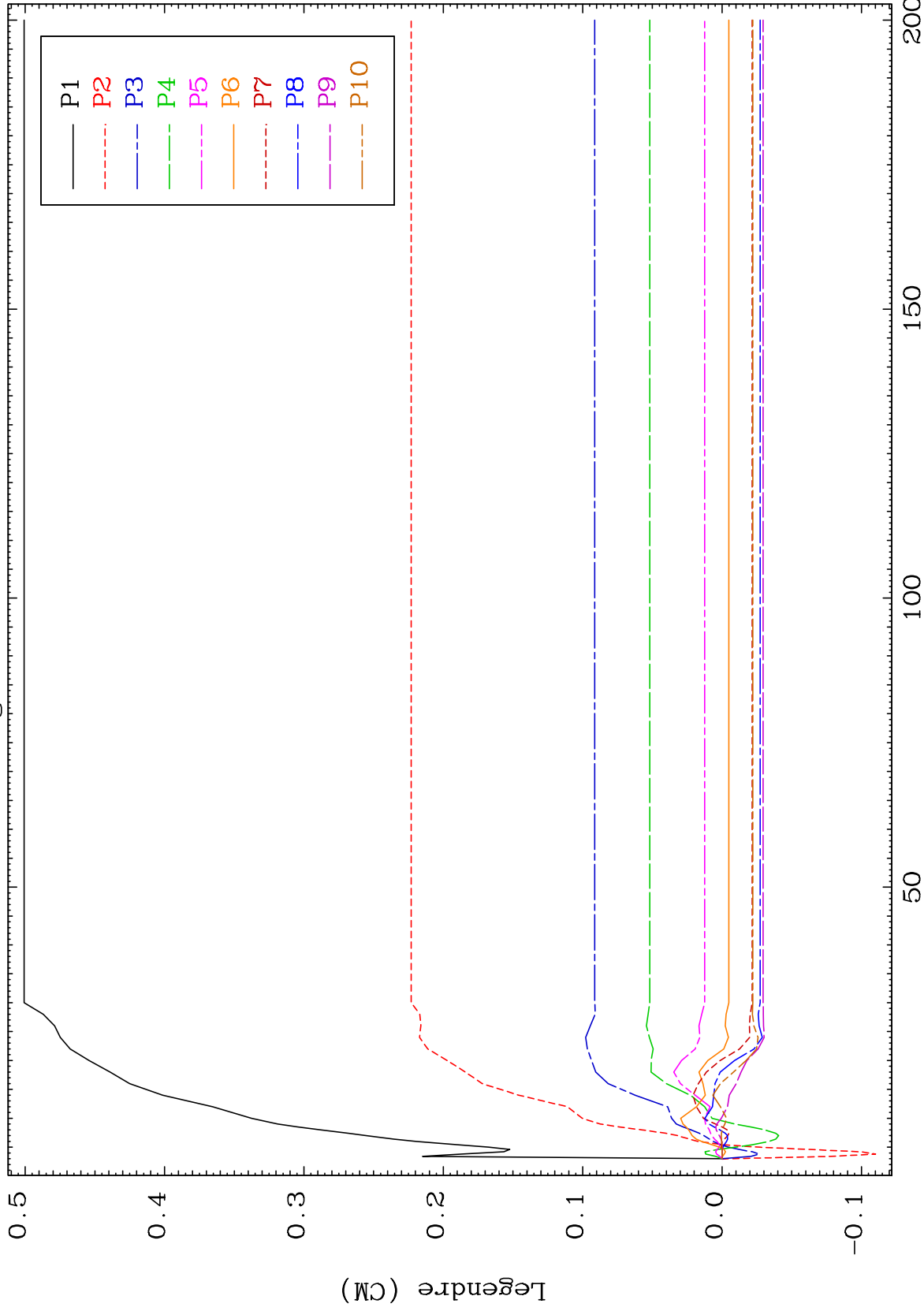
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



62

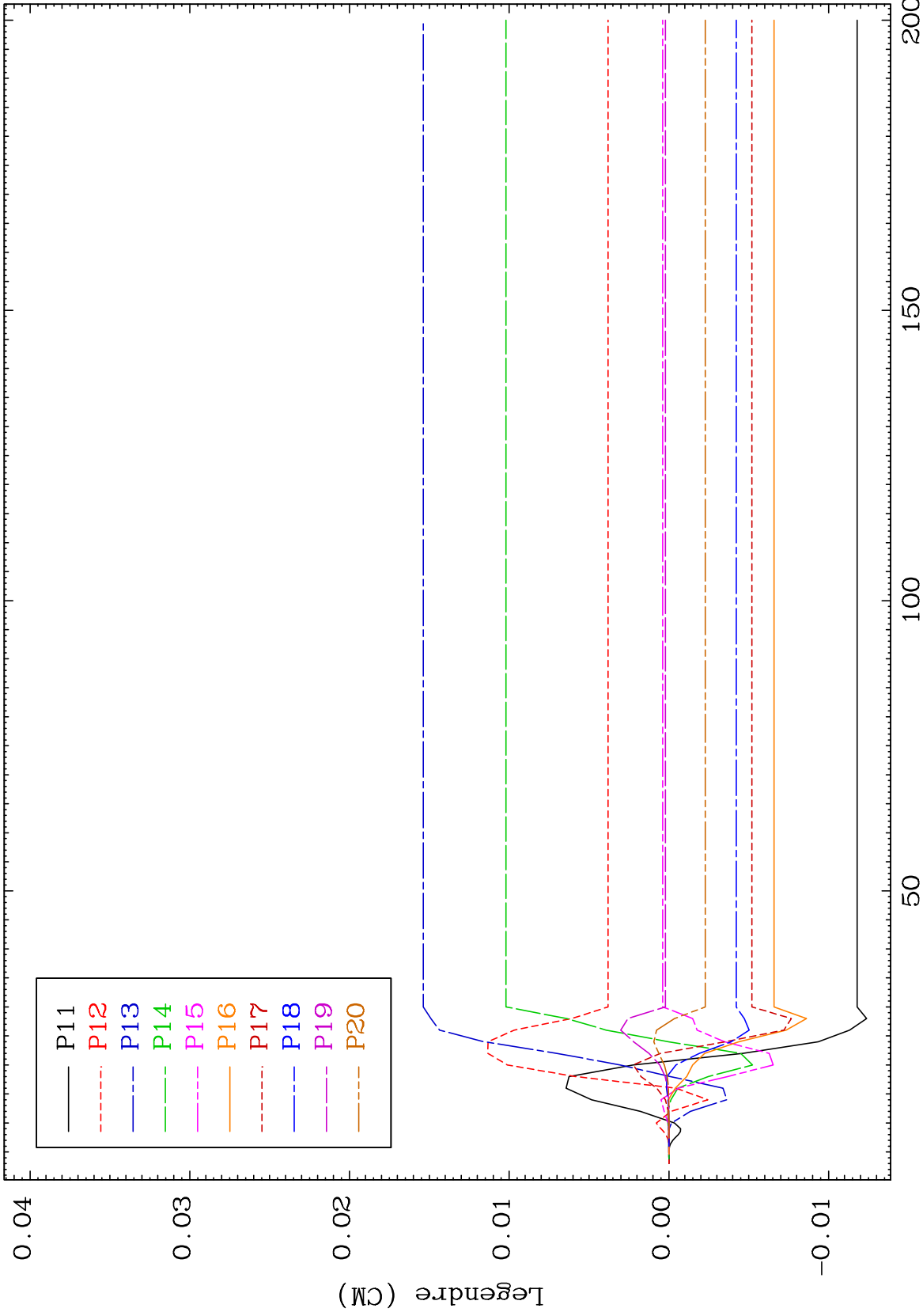
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



63

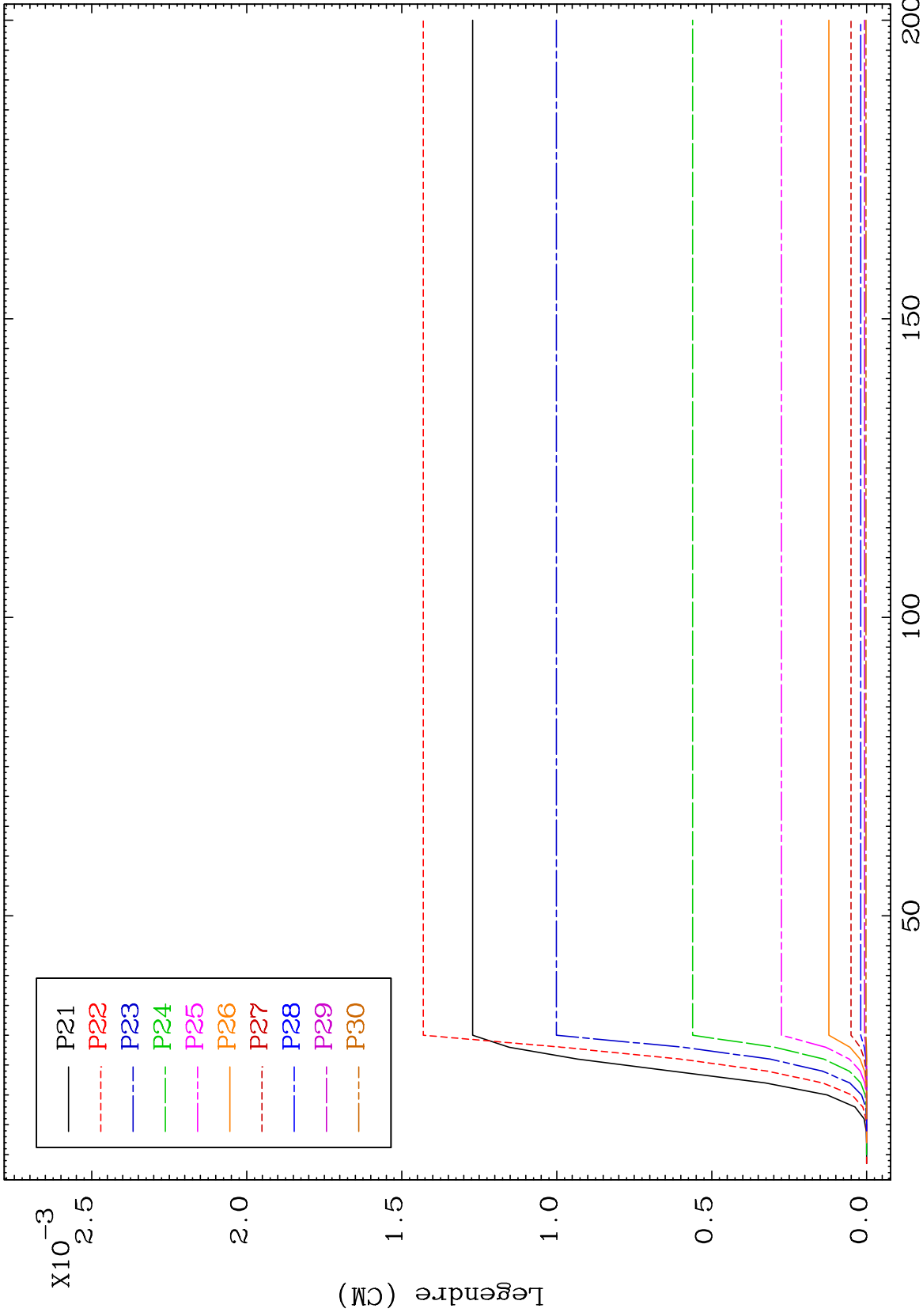
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



64

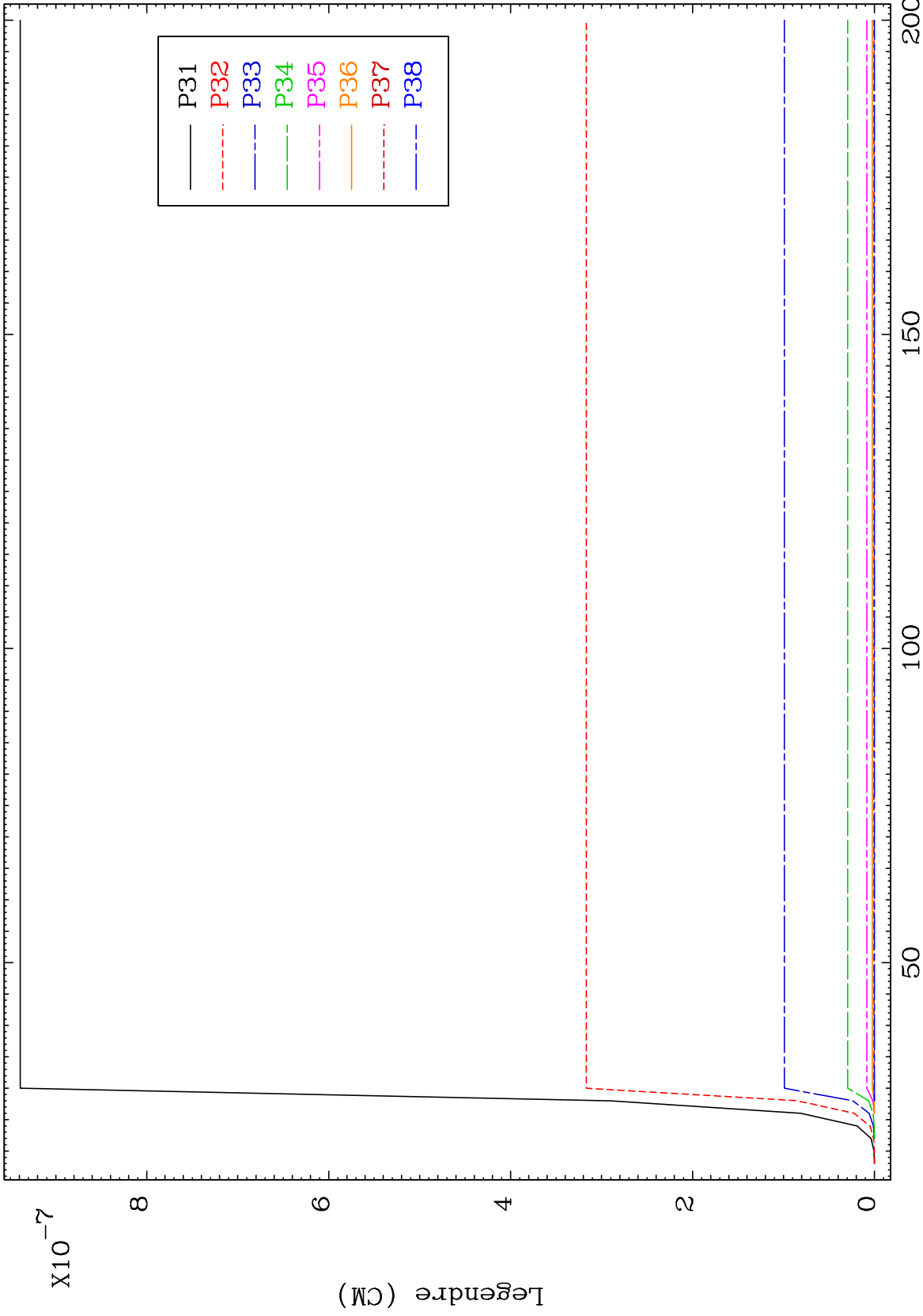
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



65

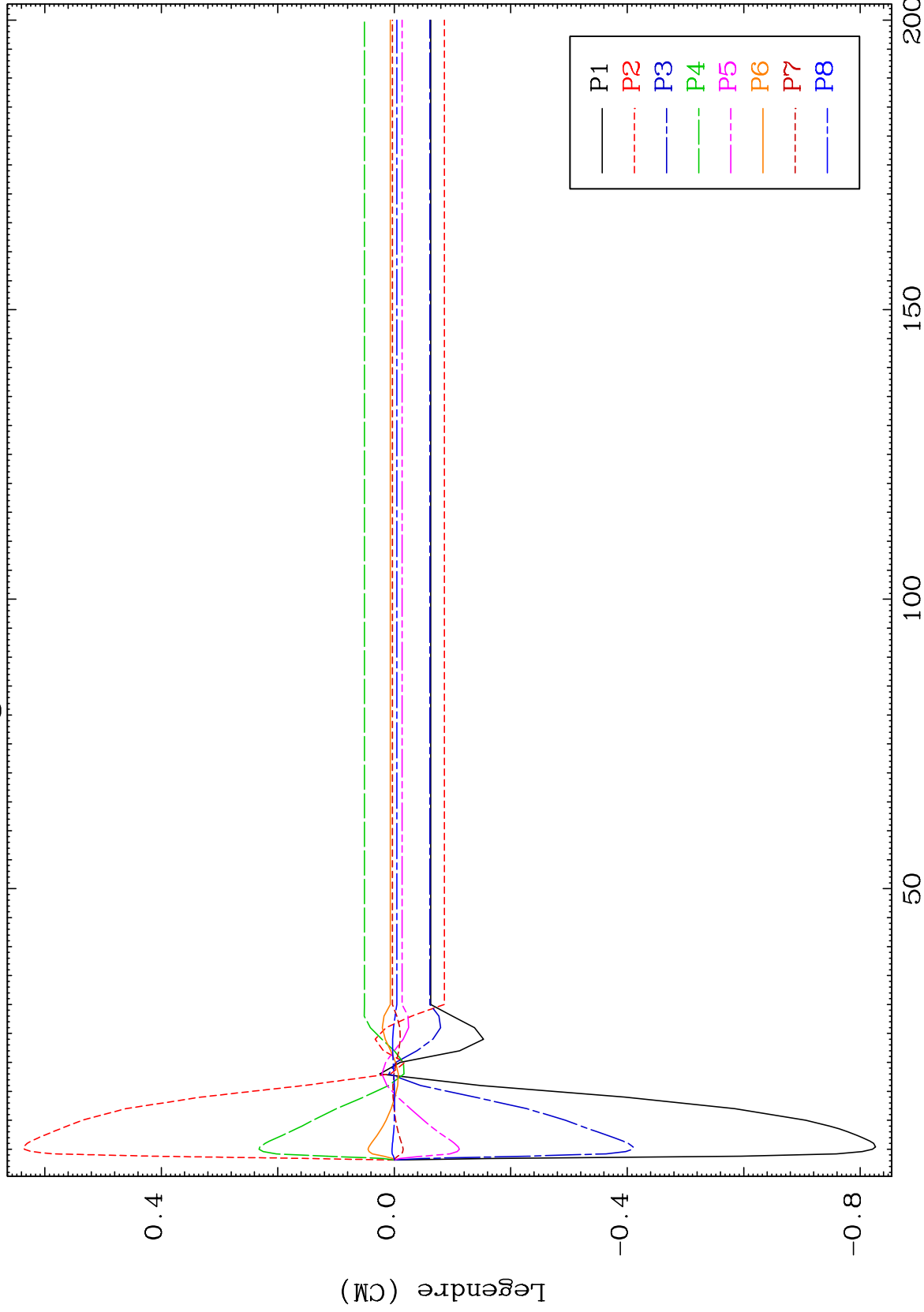
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



66

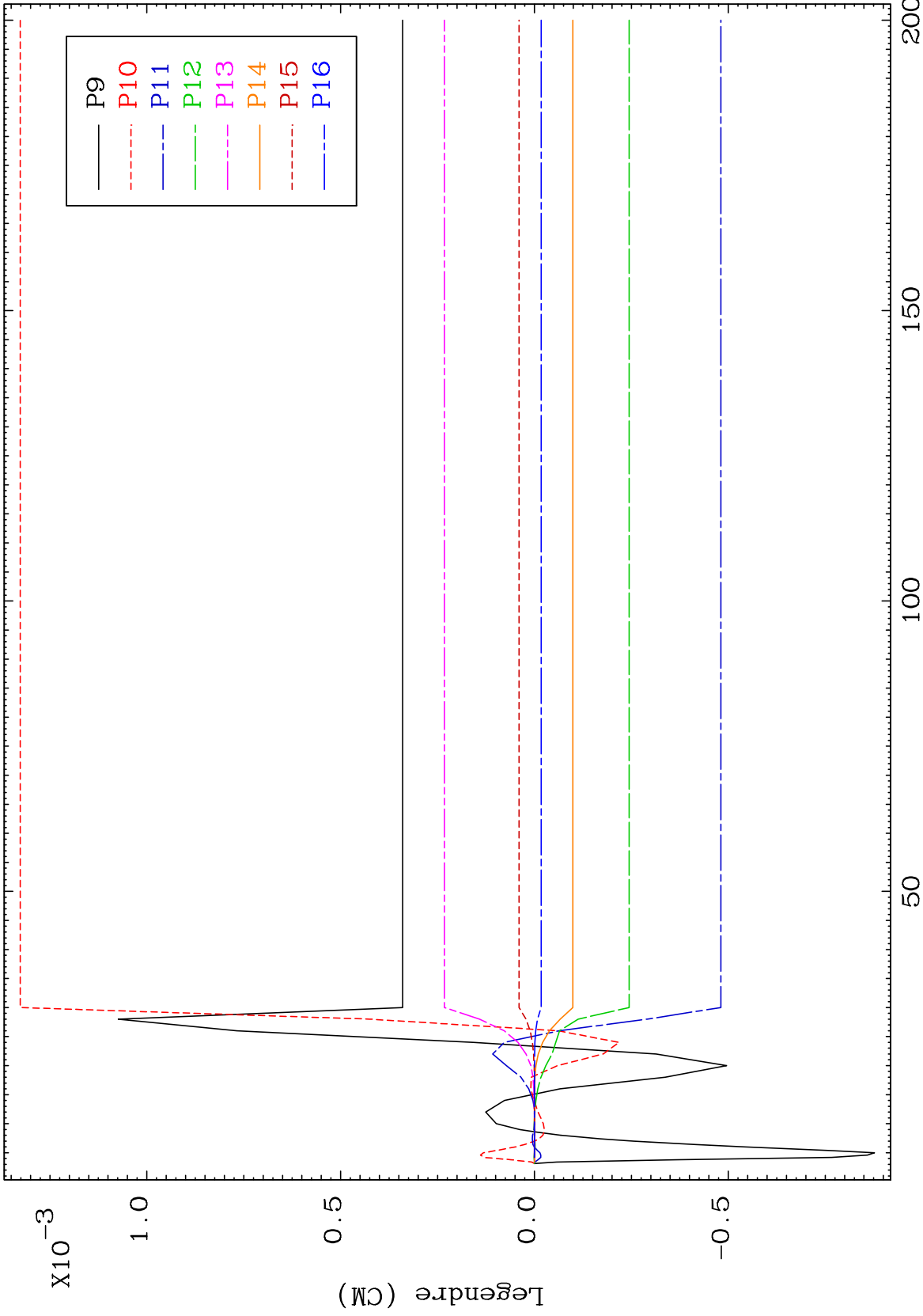
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



67

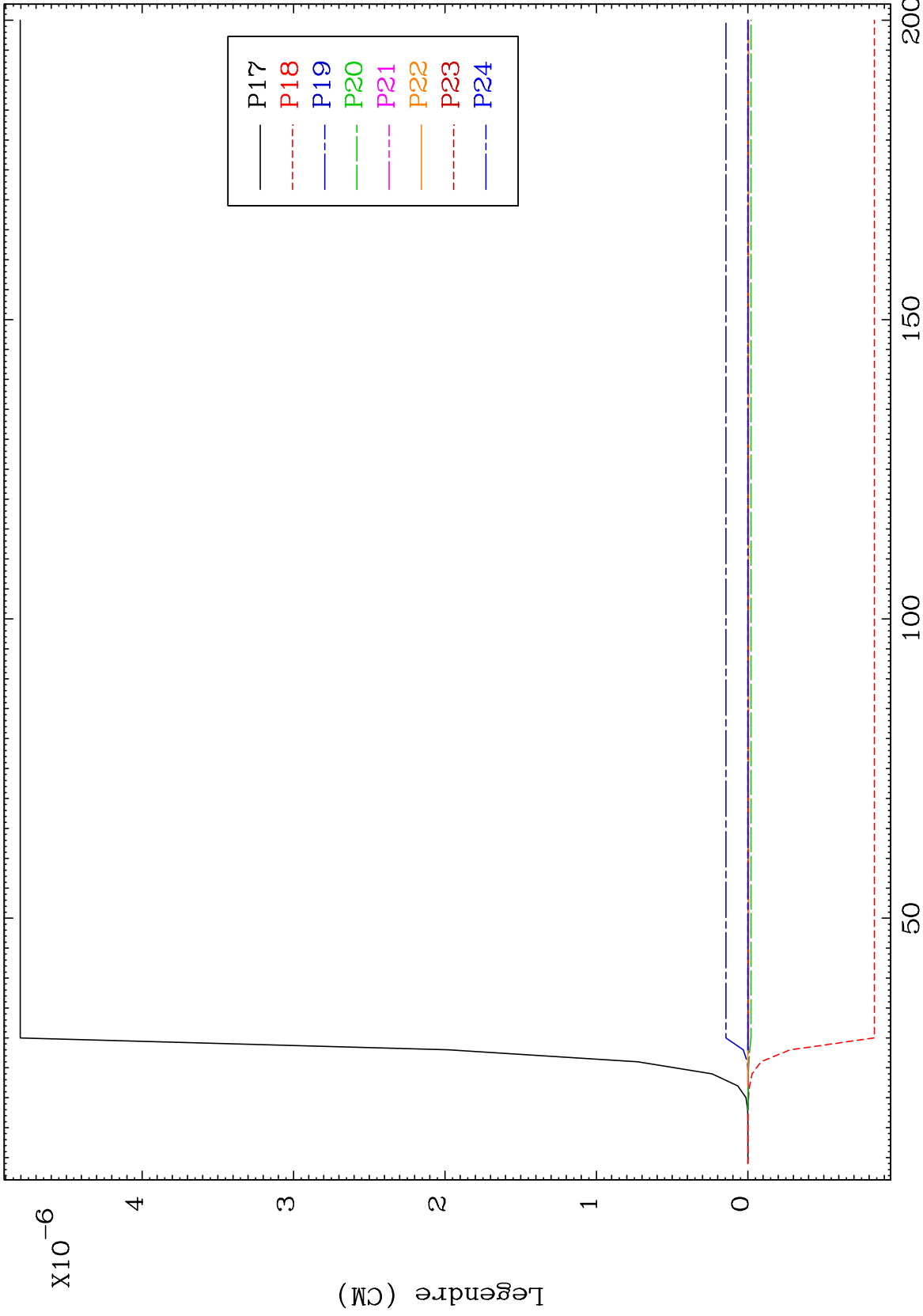
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



68

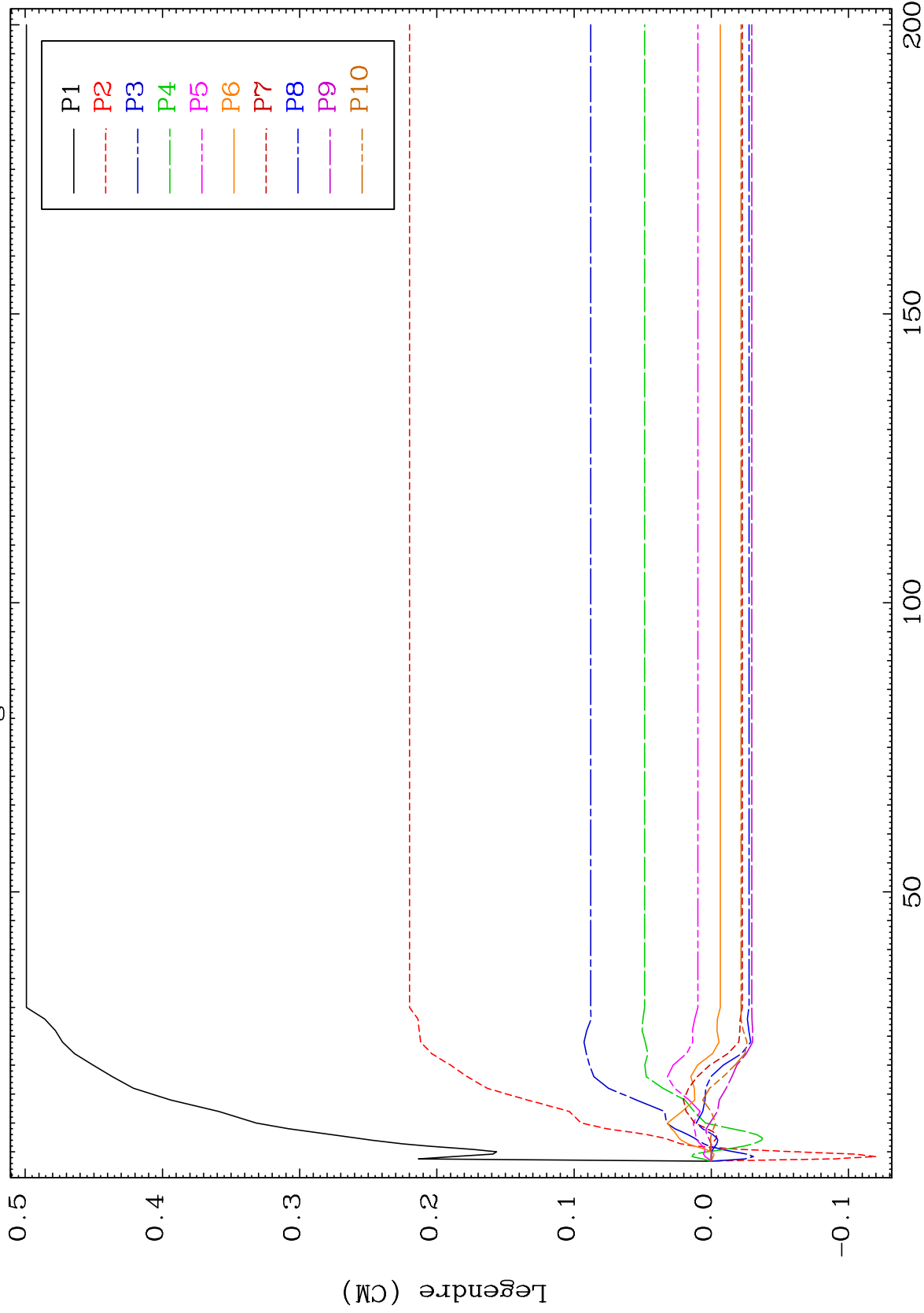
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



69

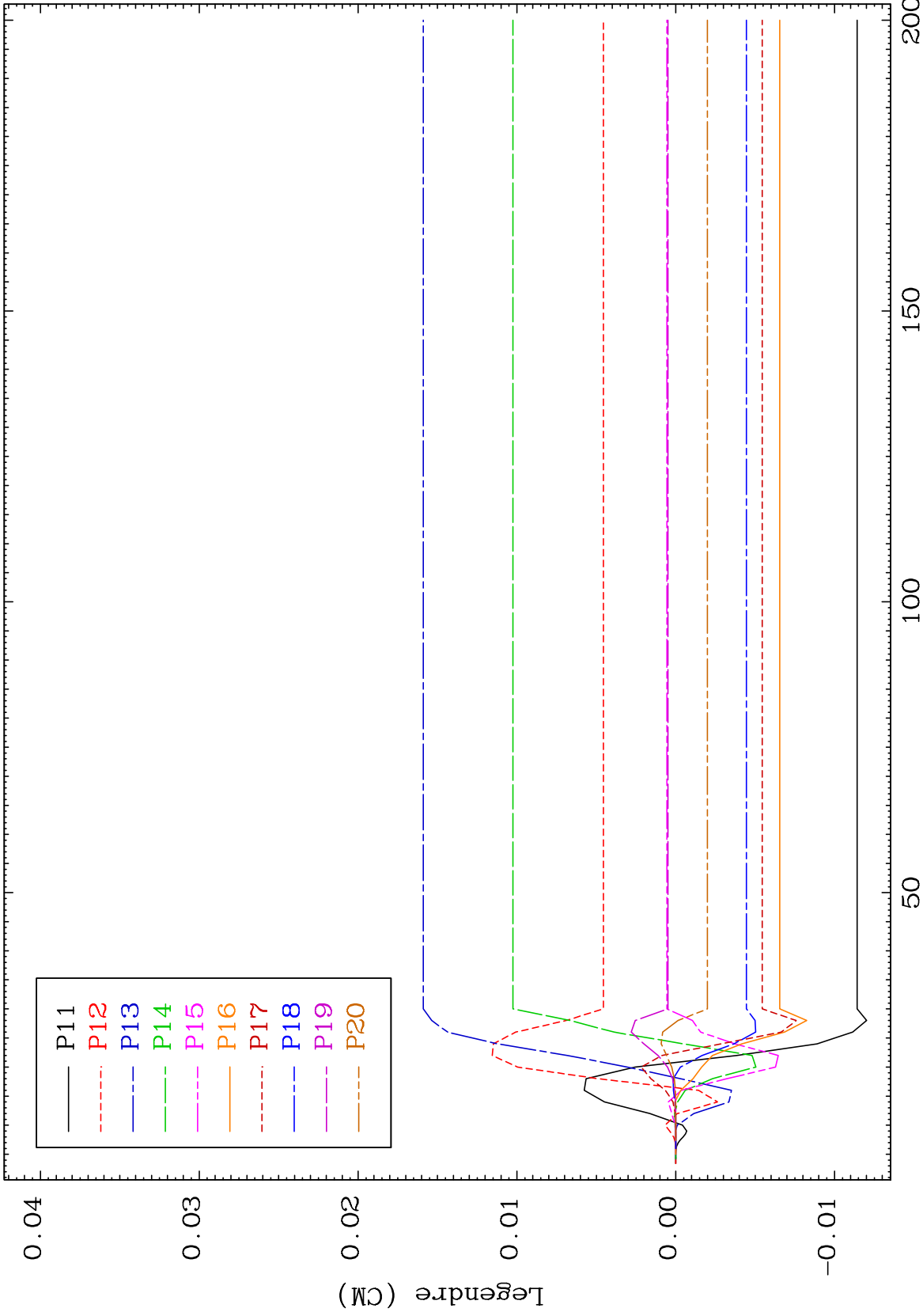
86-Rn-203

86-Rn-203

MAT 8601

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

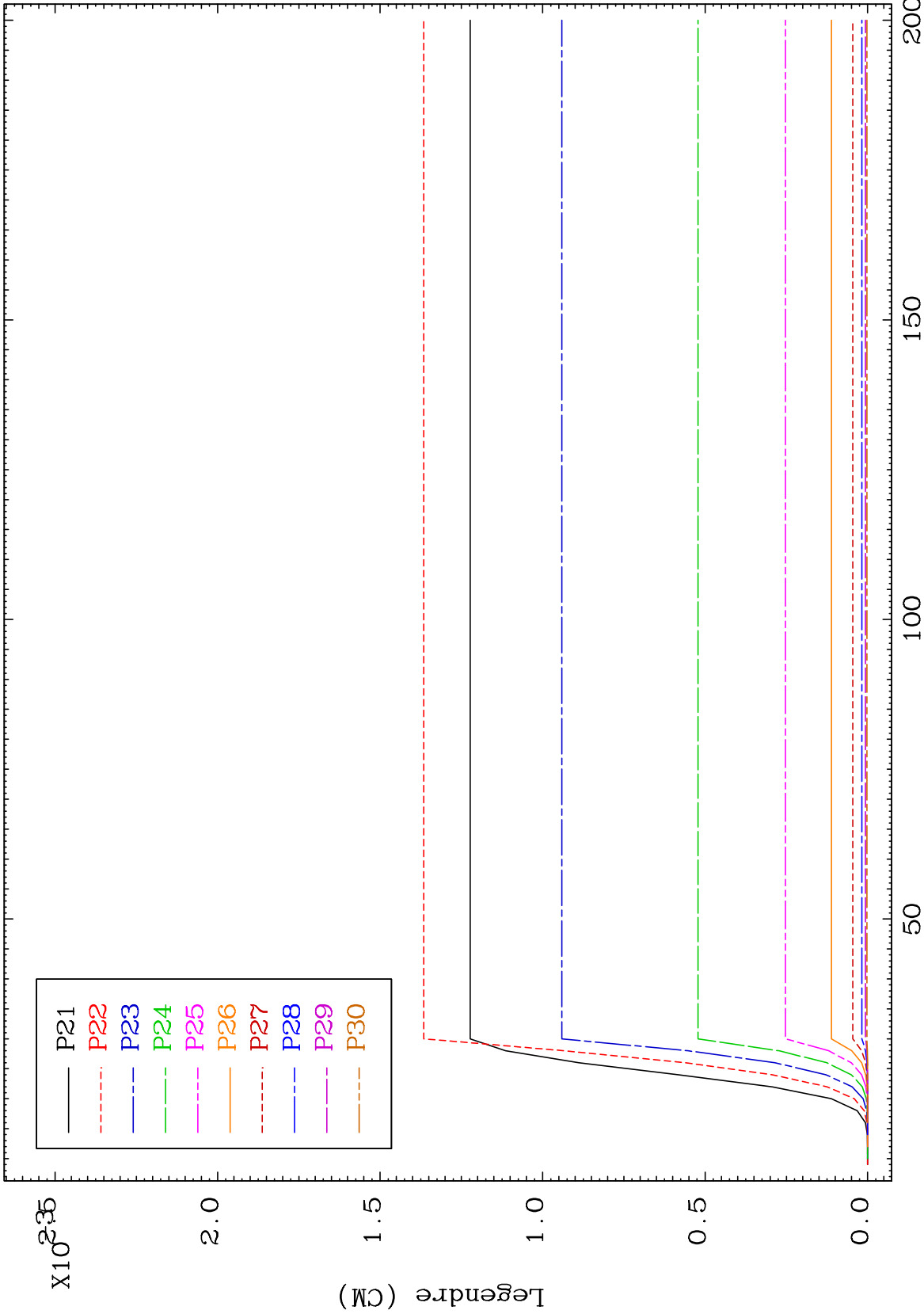
86-Rn-203



70

Incident Energy (MeV)

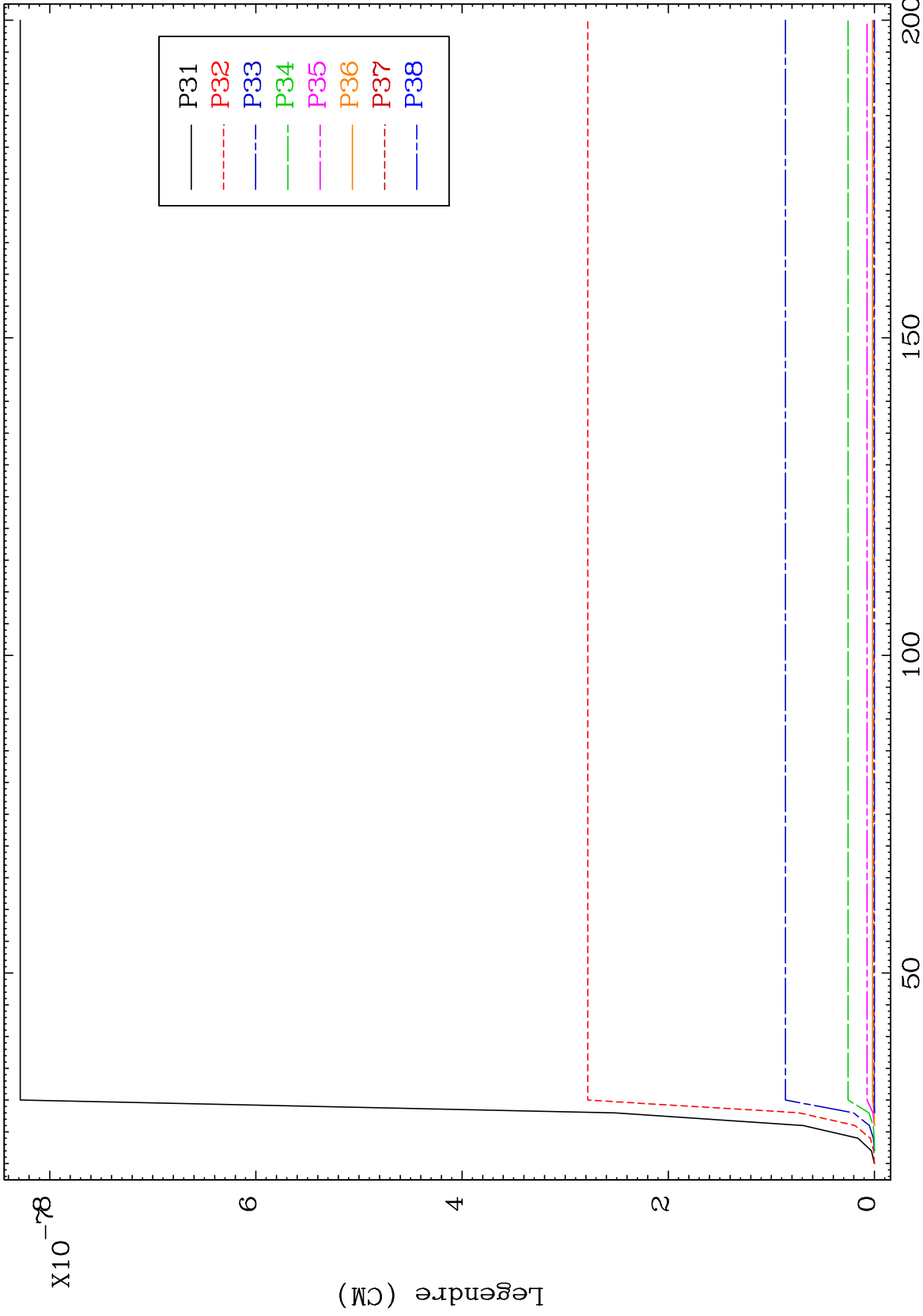
86-Rn-203



MAT 8601

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

86-Rn-203



72

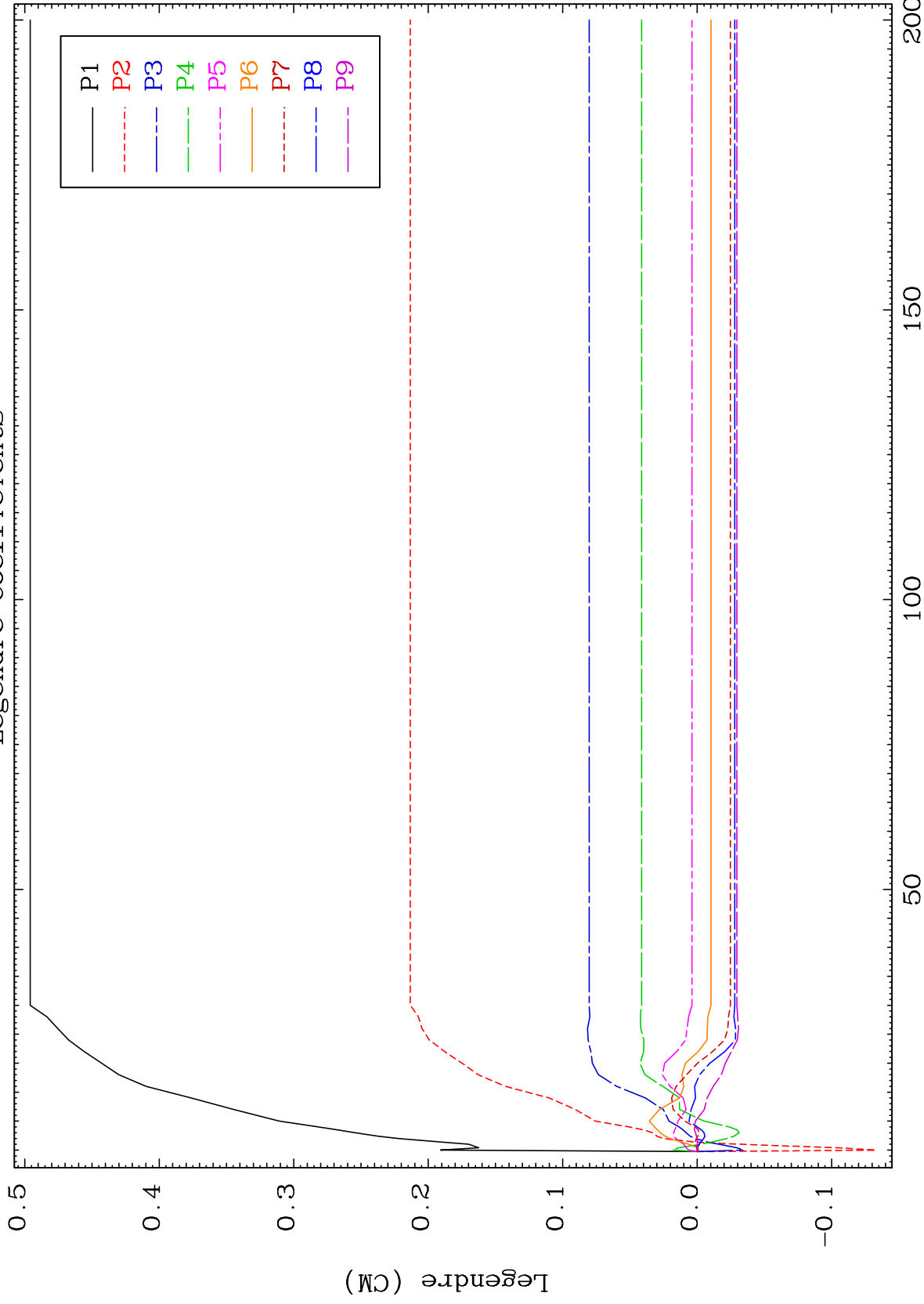
86-Rn-203

86-Rn-203

MAT 8601

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

86-Rn-203



73

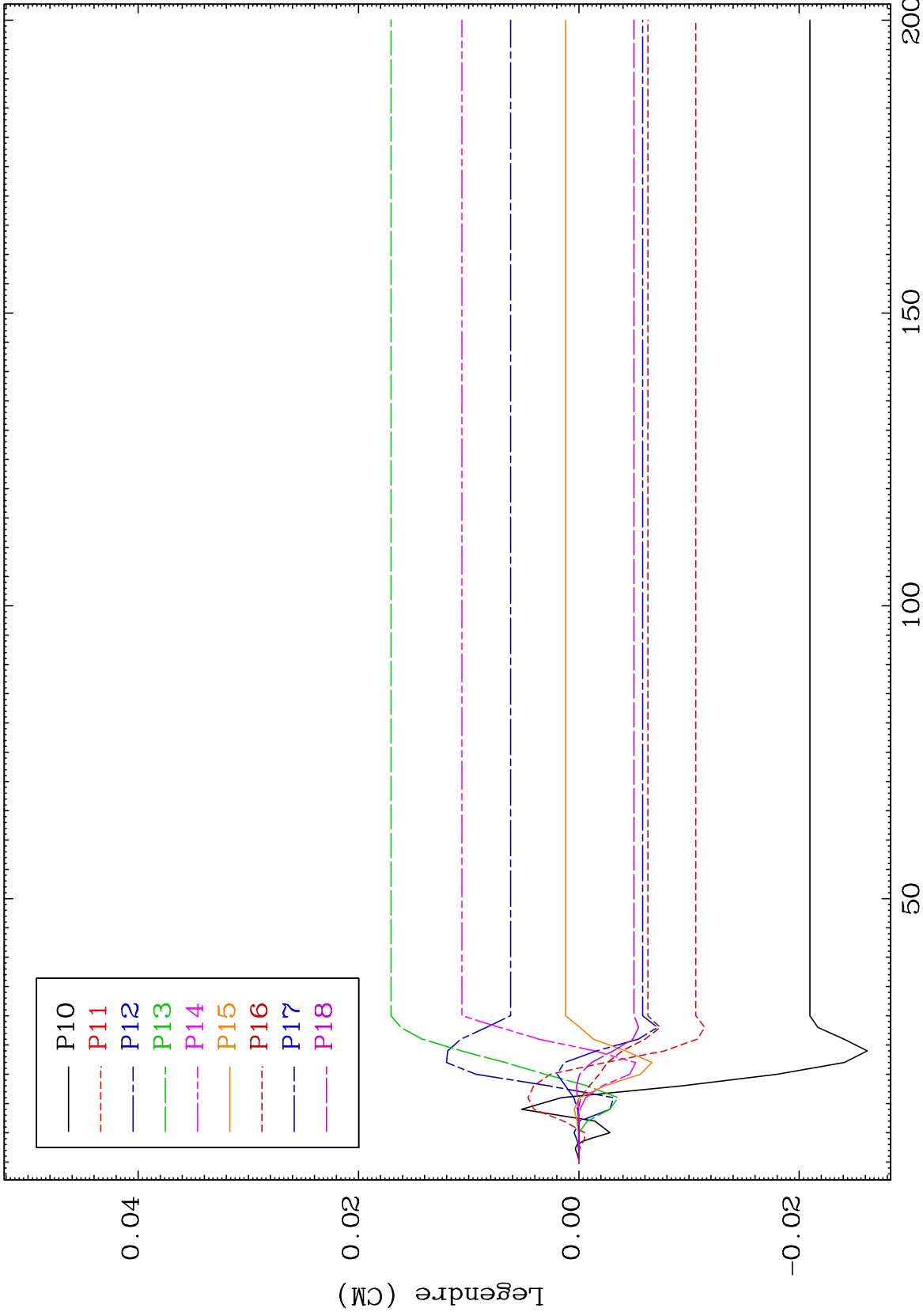
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



74

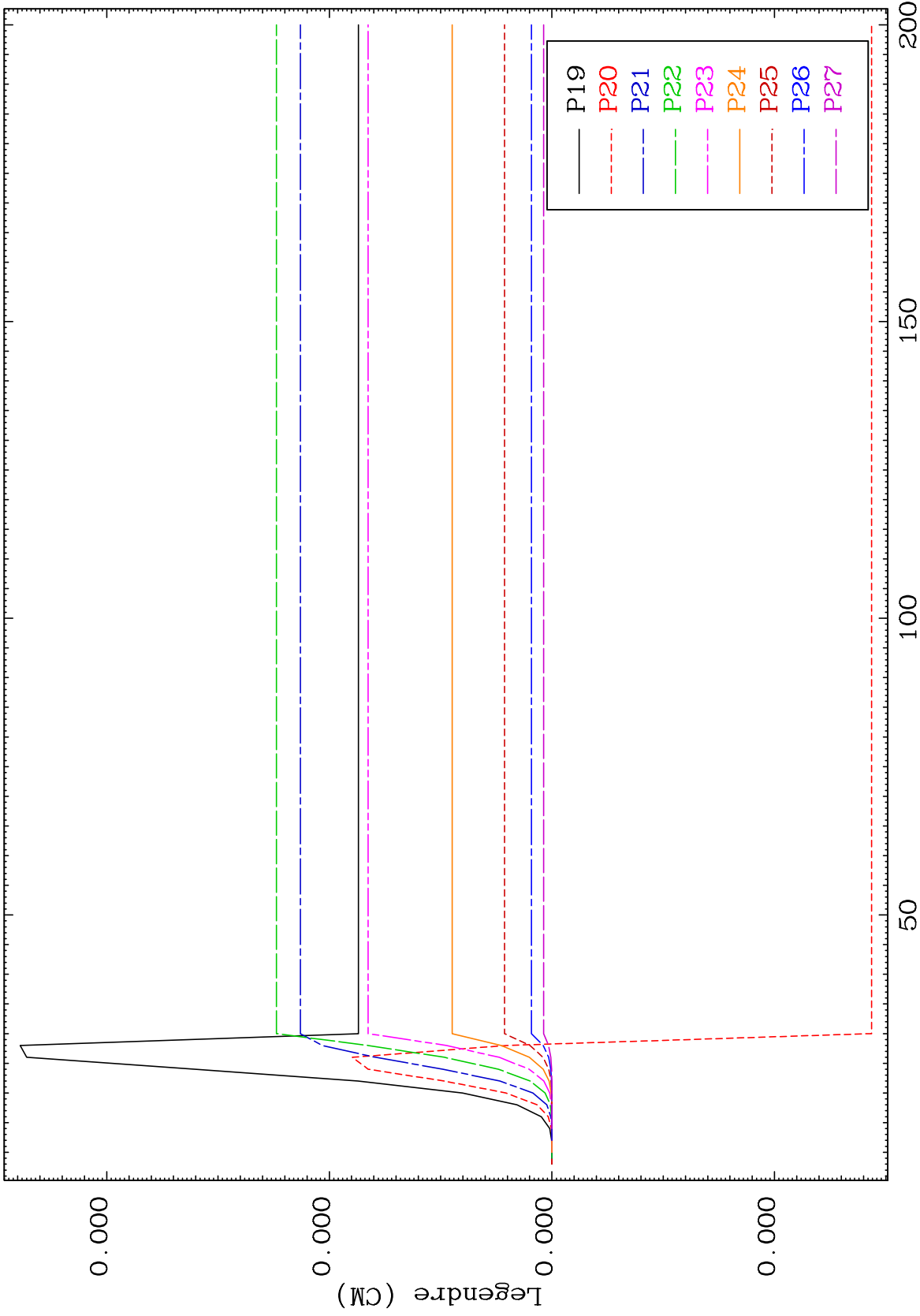
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



75

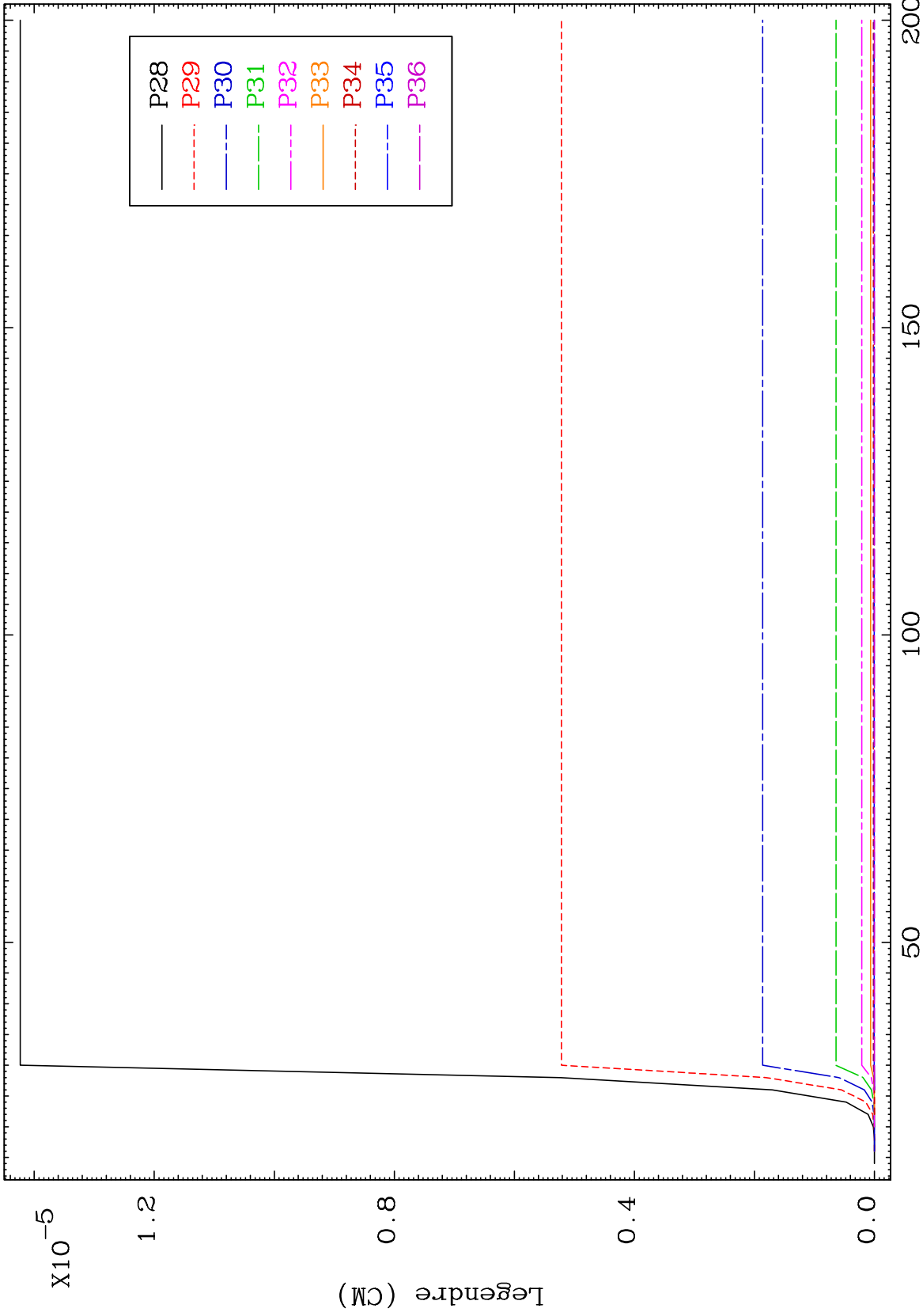
Incident Energy (MeV)

86-Rn-203

MAT 8601

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

86-Rn-203



76

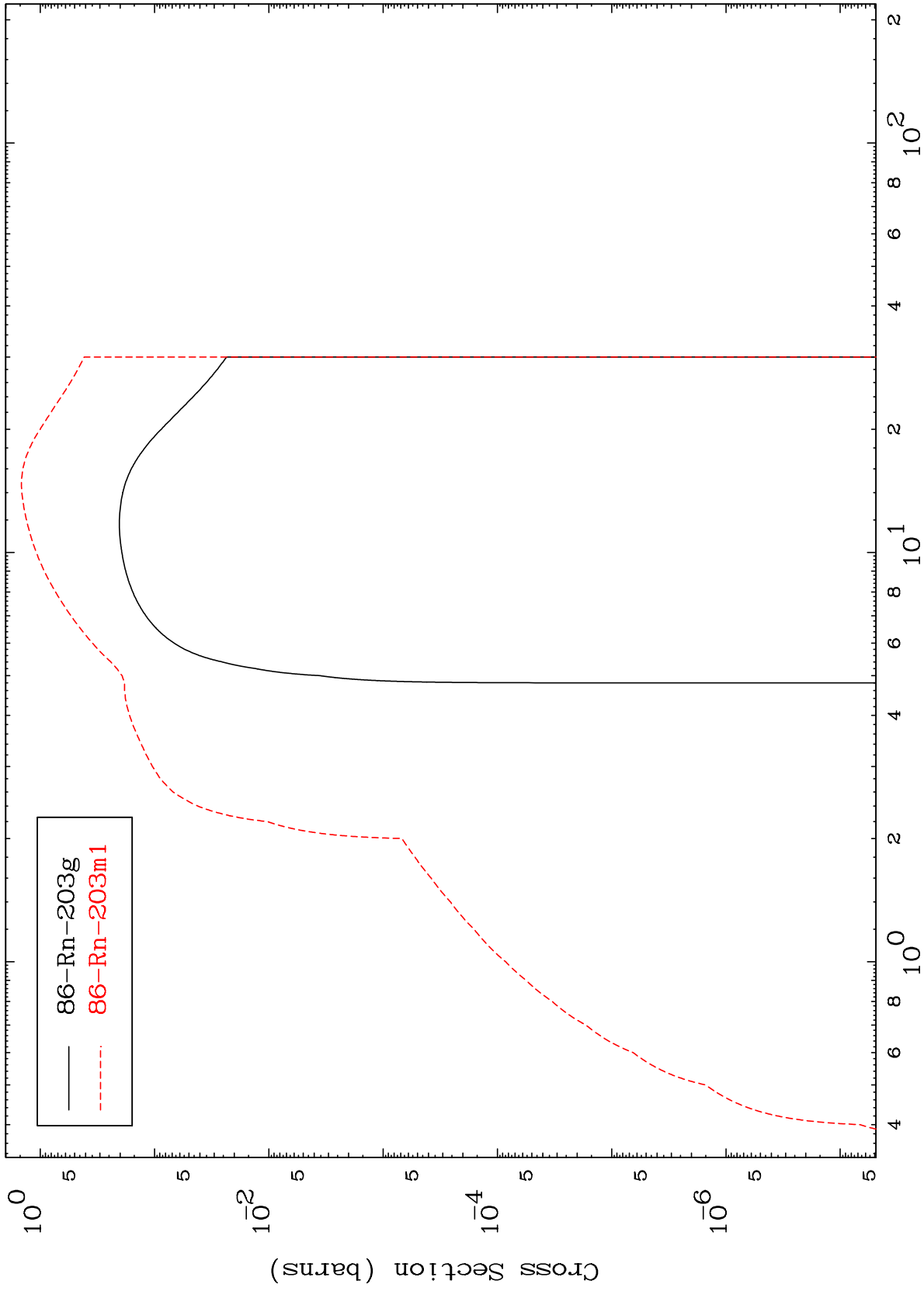
Incident Energy (MeV)

86-Rn-203

MAT 8601

86-Rn-203

Inelastic
Radionuclide Production Cross Section



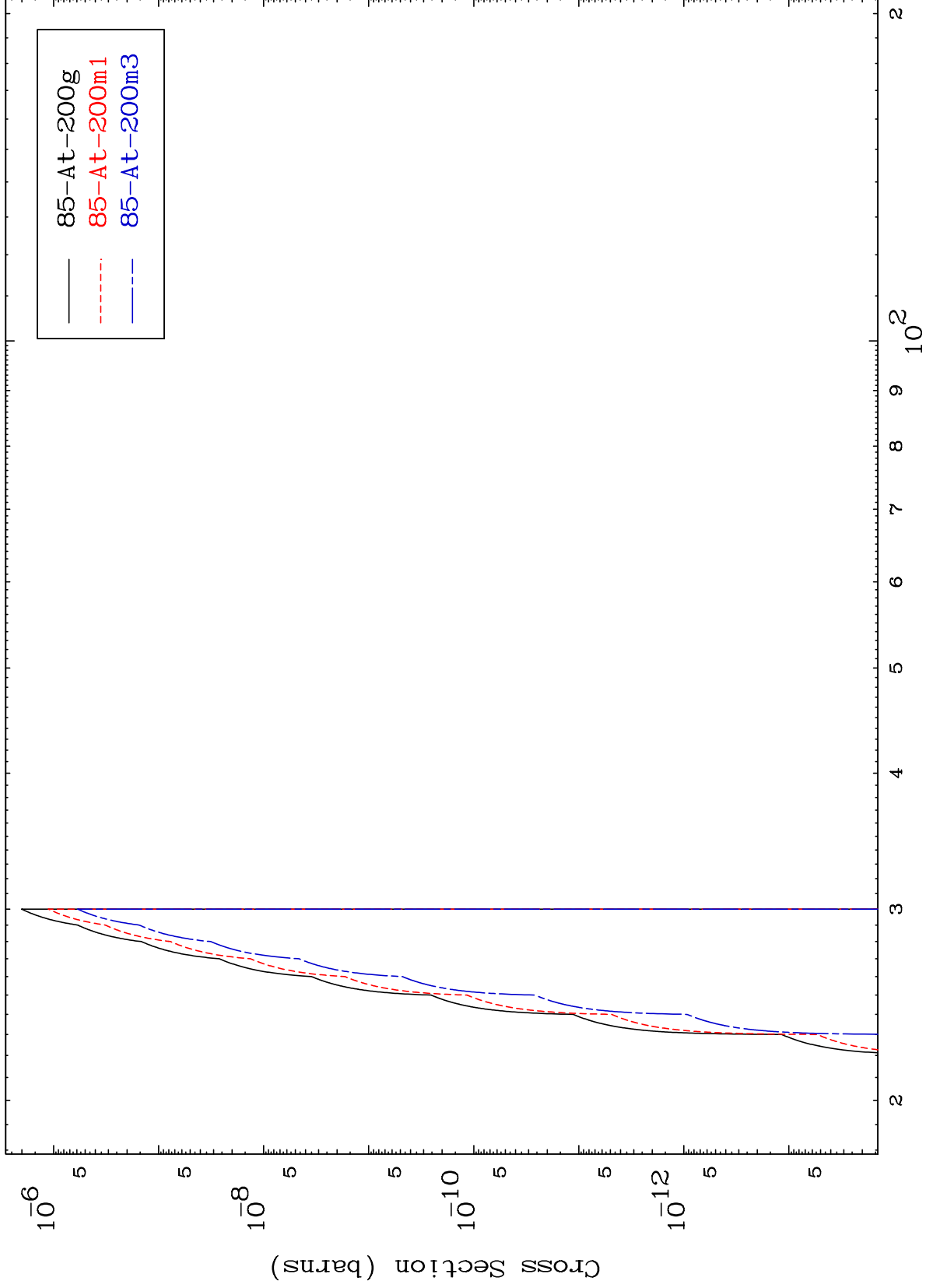
77

MAT 8601

(n,2n) d

86-Rn-203

Radionuclide Production Cross Section



78

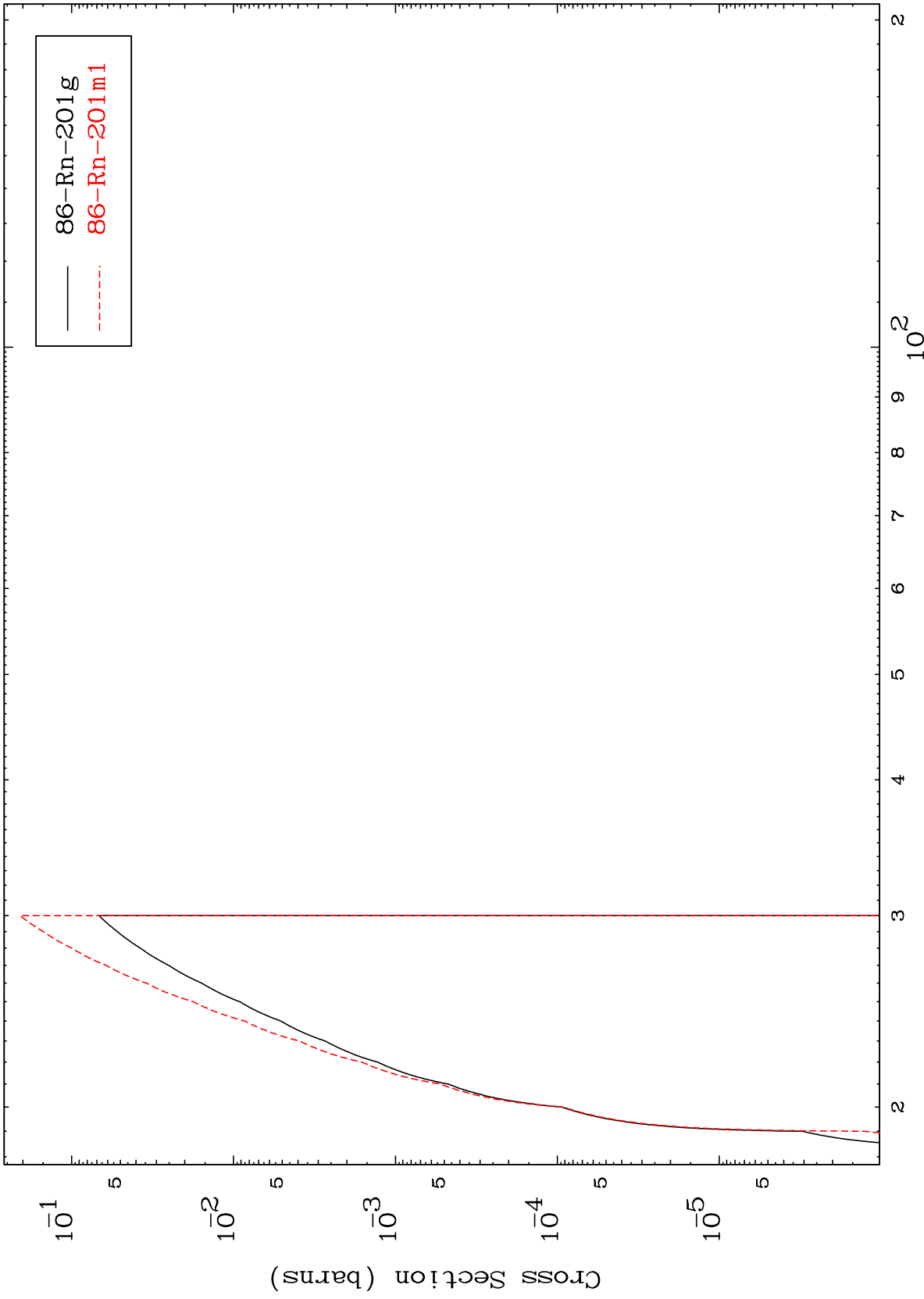
Incident Energy (MeV)

86-Rn-203

MAT 8601

86-Rn-203

(n,3n)
Radionuclide Production Cross Section



79

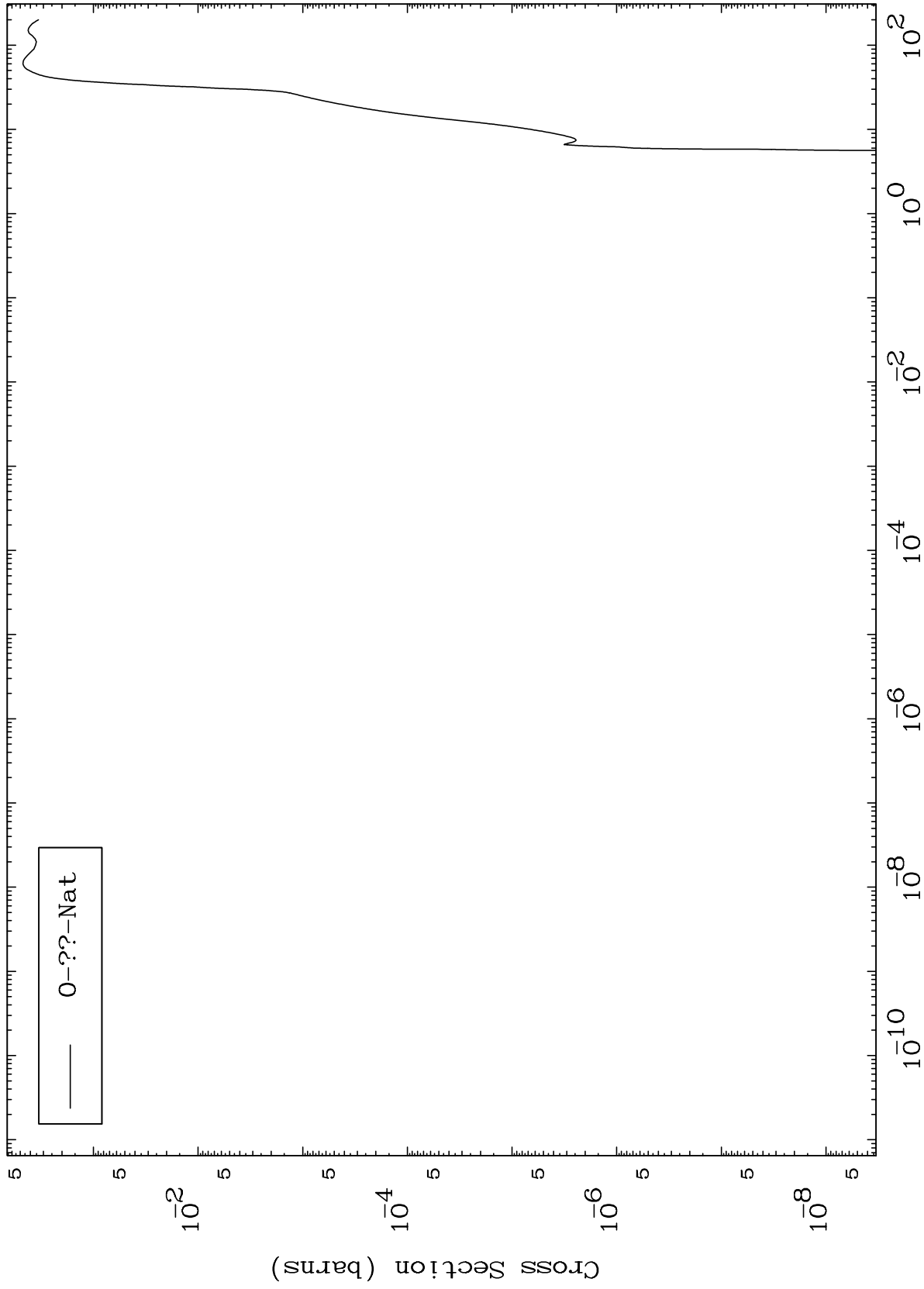
Incident Energy (MeV)

86-Rn-203

MAT 8601

Fission
Radionuclide Production Cross Section

86-Rn-203



80

Incident Energy (MeV)

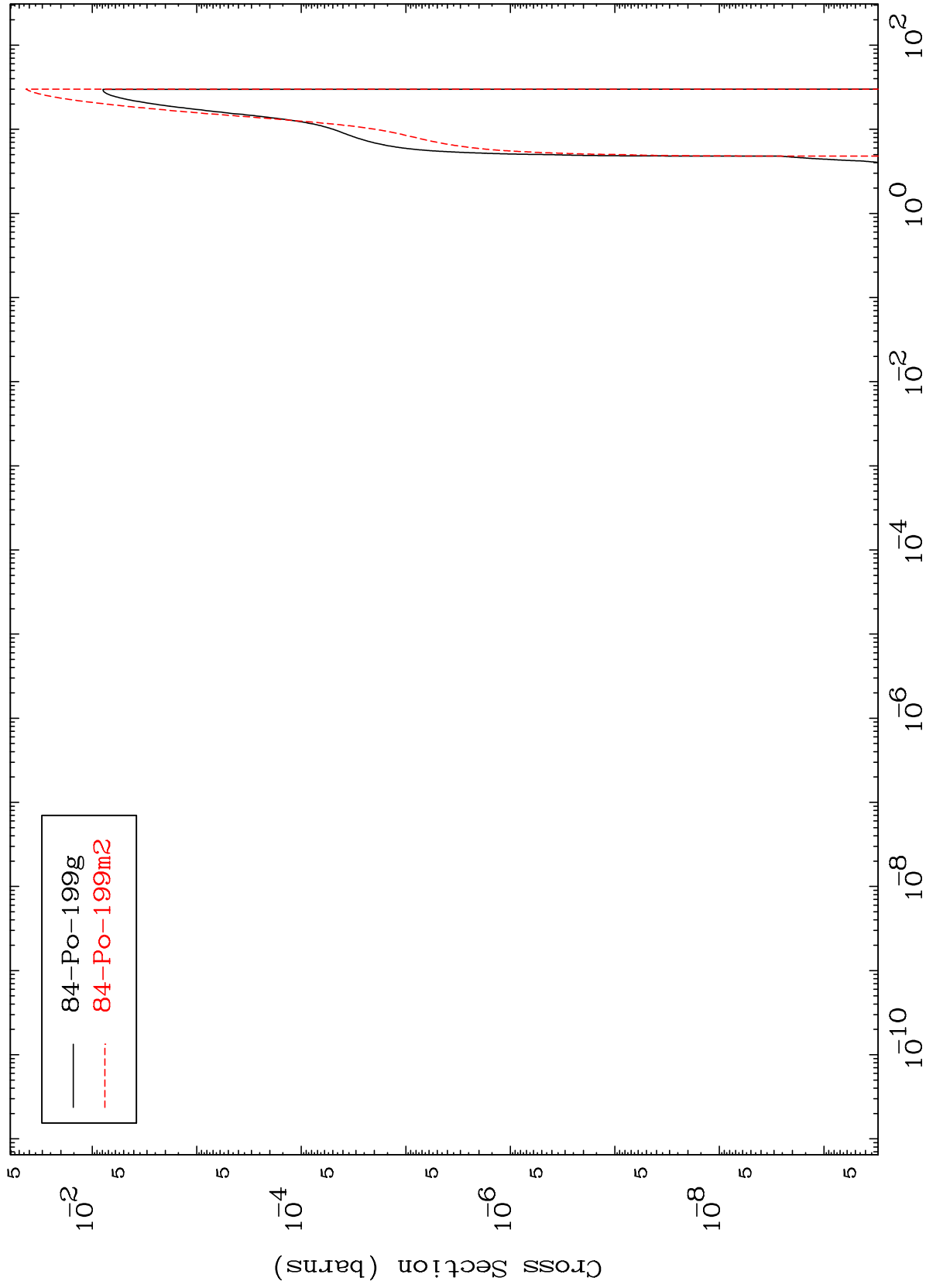
86-Rn-203

MAT 8601

$(n, n') \alpha$

86-Rn-203

Radionuclide Production Cross Section



81

Incident Energy (MeV)

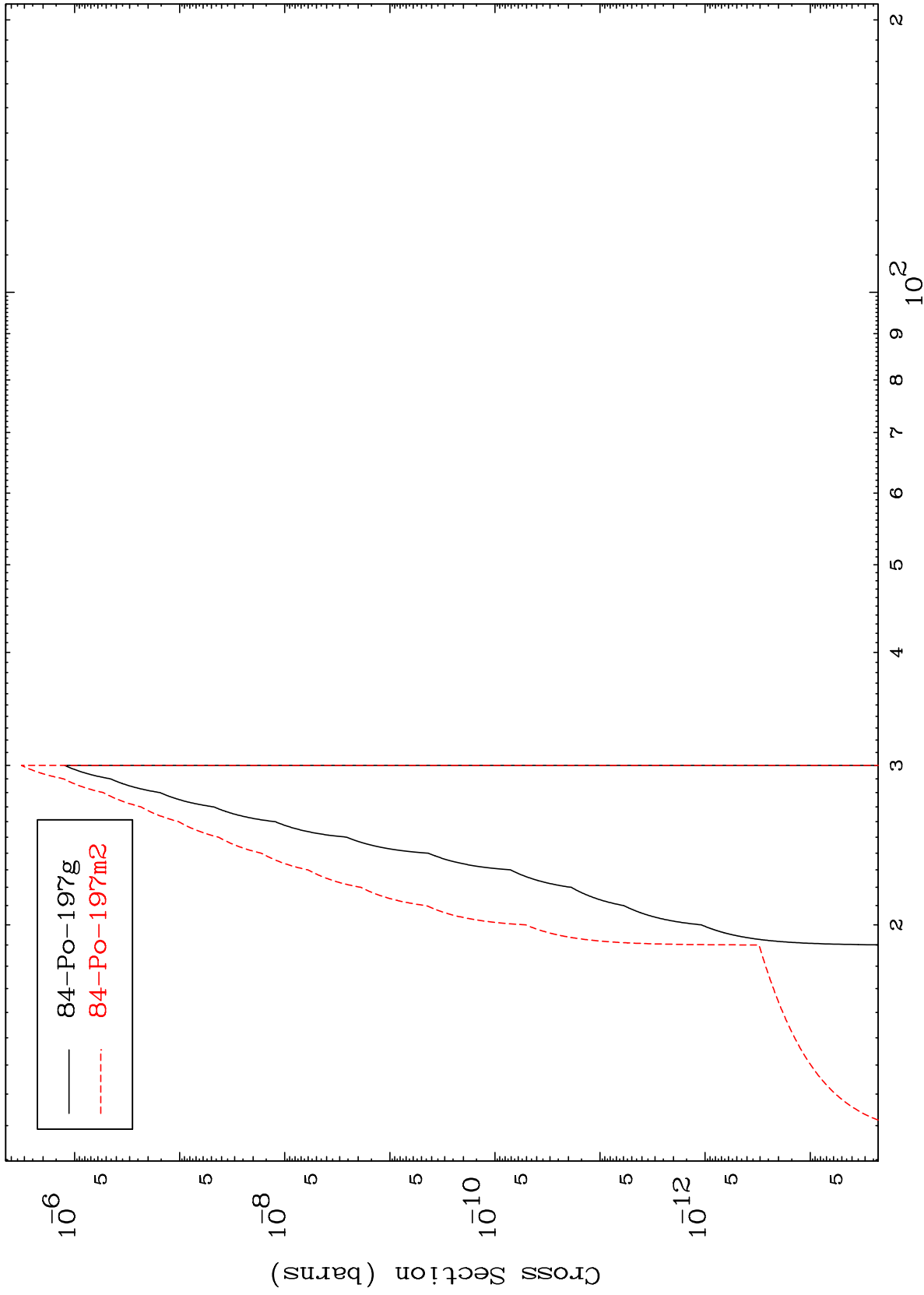
86-Rn-203

MAT 8601

(n,3n) α

86-Rn-203

Radionuclide Production Cross Section



82

Incident Energy (MeV)

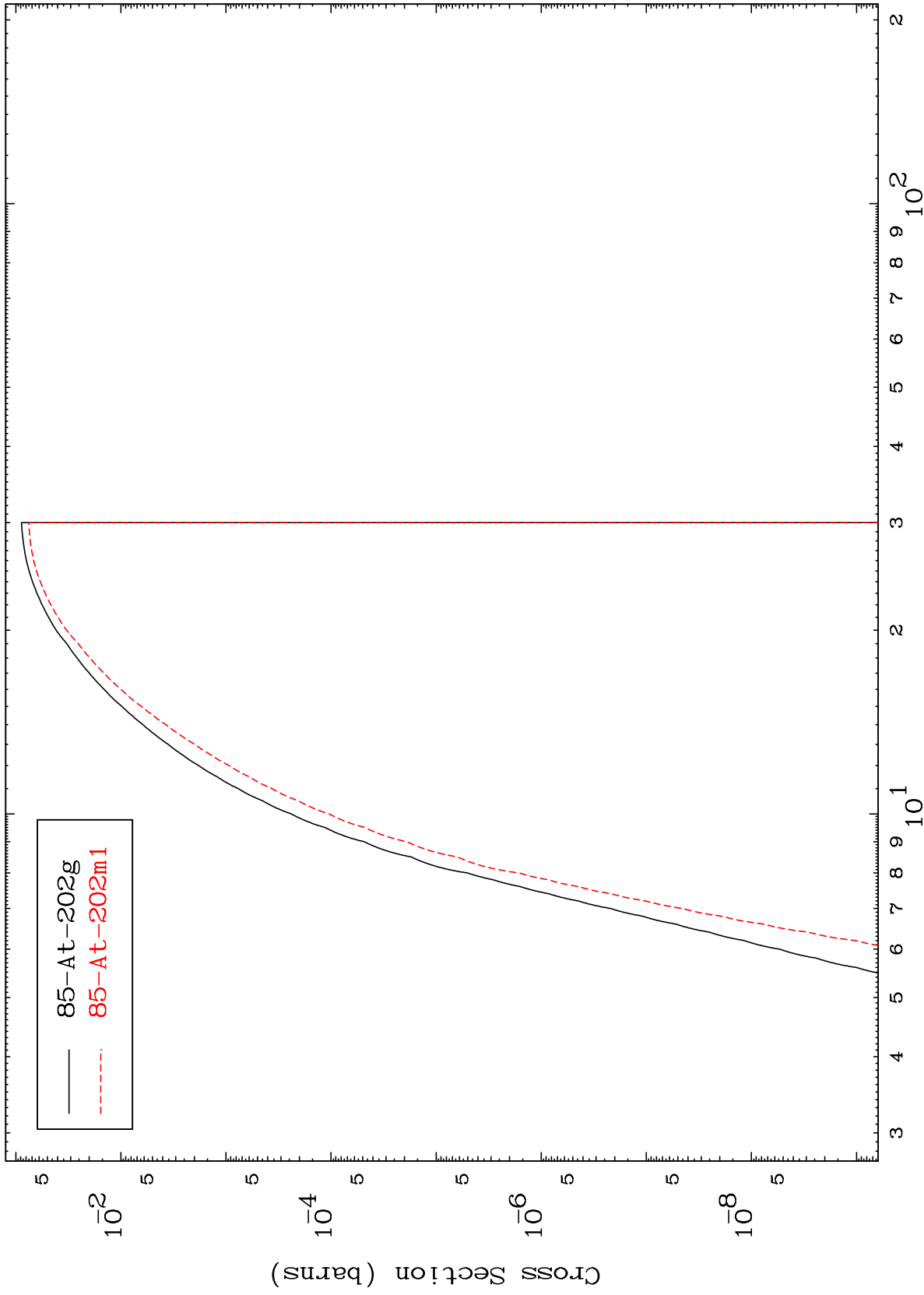
86-Rn-203

MAT 8601

(n,n') p

86-Rn-203

Radionuclide Production Cross Section



85-At-202g
85-At-202m1

83

Incident Energy (MeV)

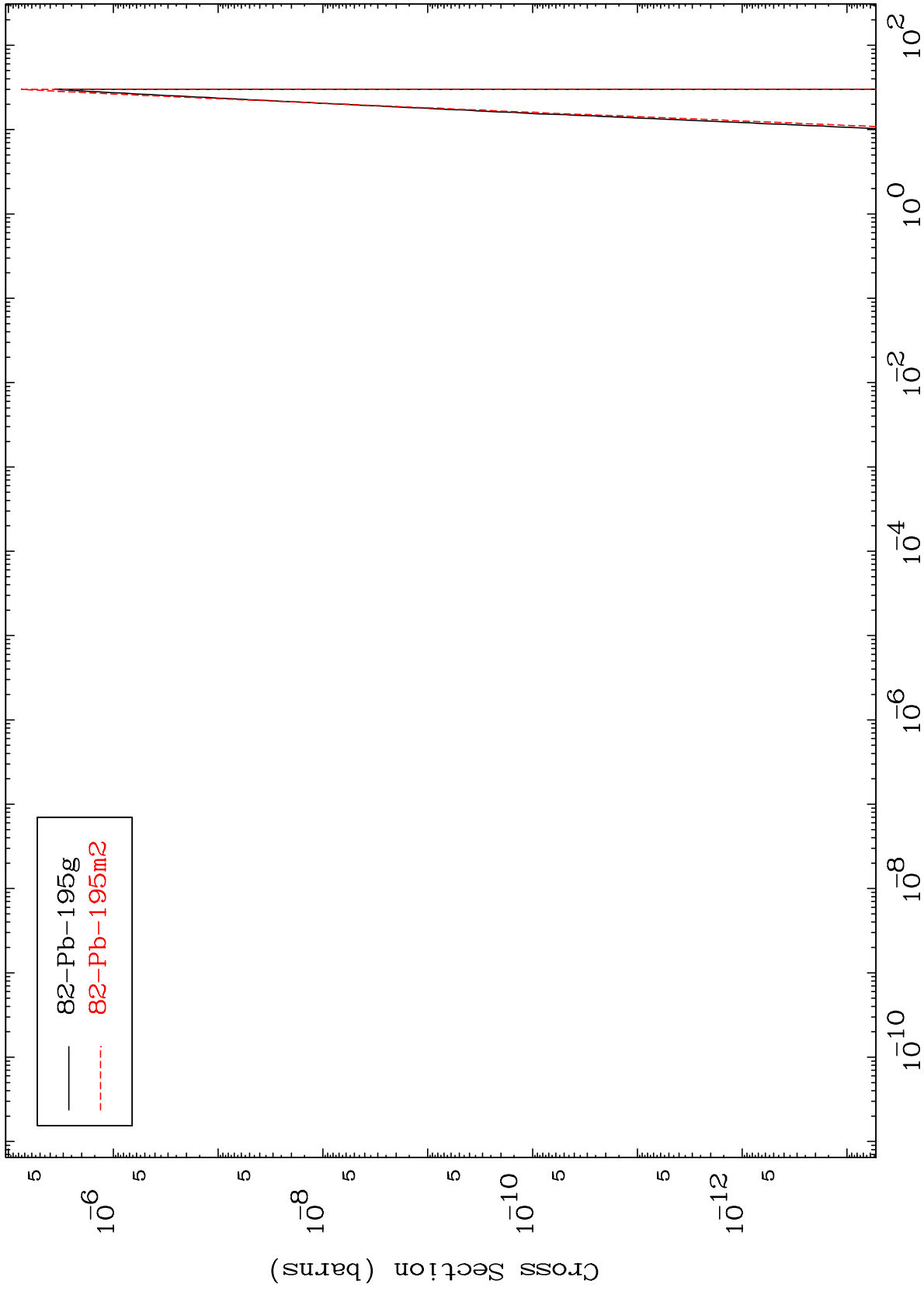
86-Rn-203

MAT 8601

(n, n') 2 α

86-Rn-203

Radionuclide Production Cross Section



84

Incident Energy (MeV)

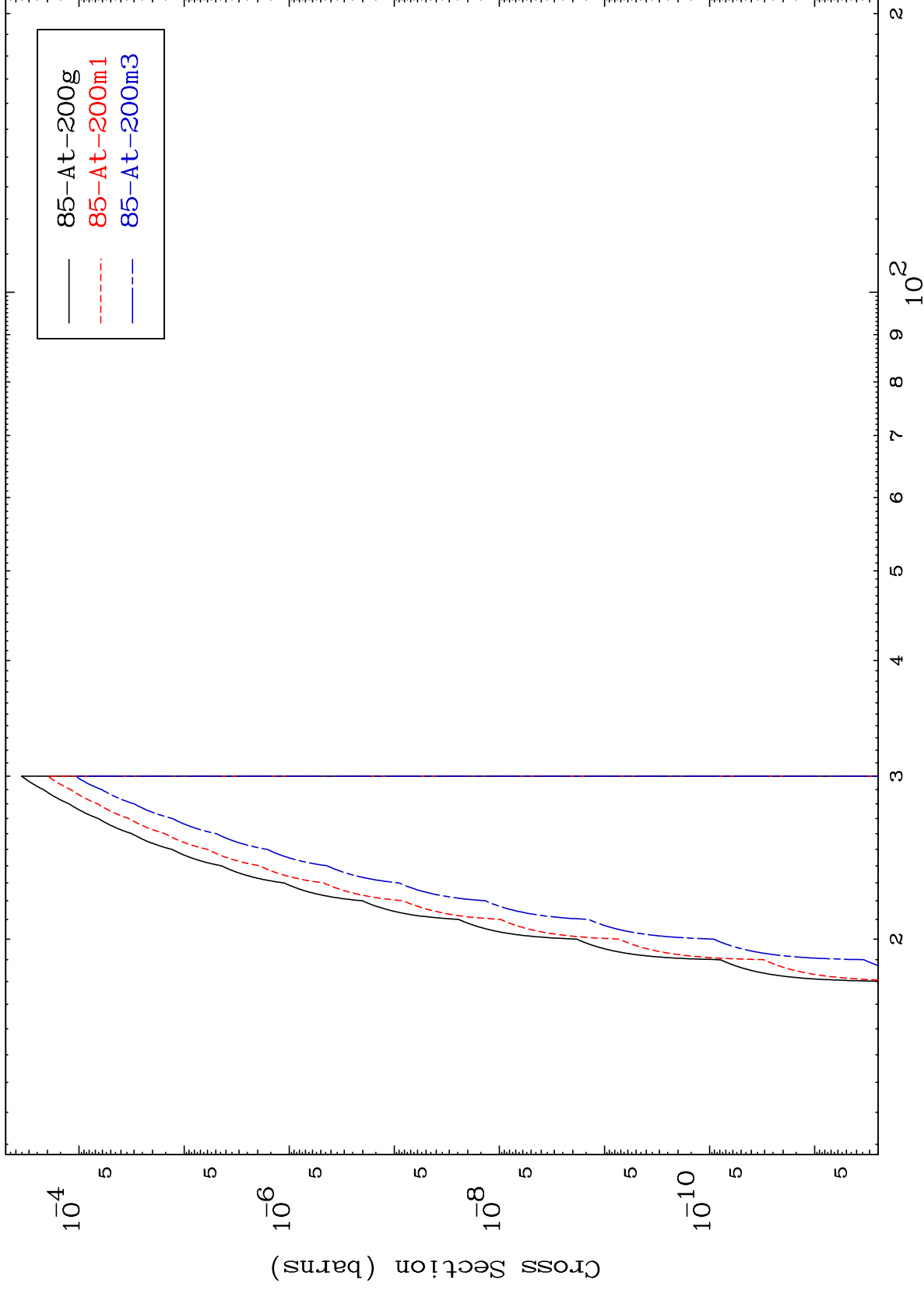
86-Rn-203

MAT 8601

(n,n') t

86-Rn-203

Radionuclide Production Cross Section



85

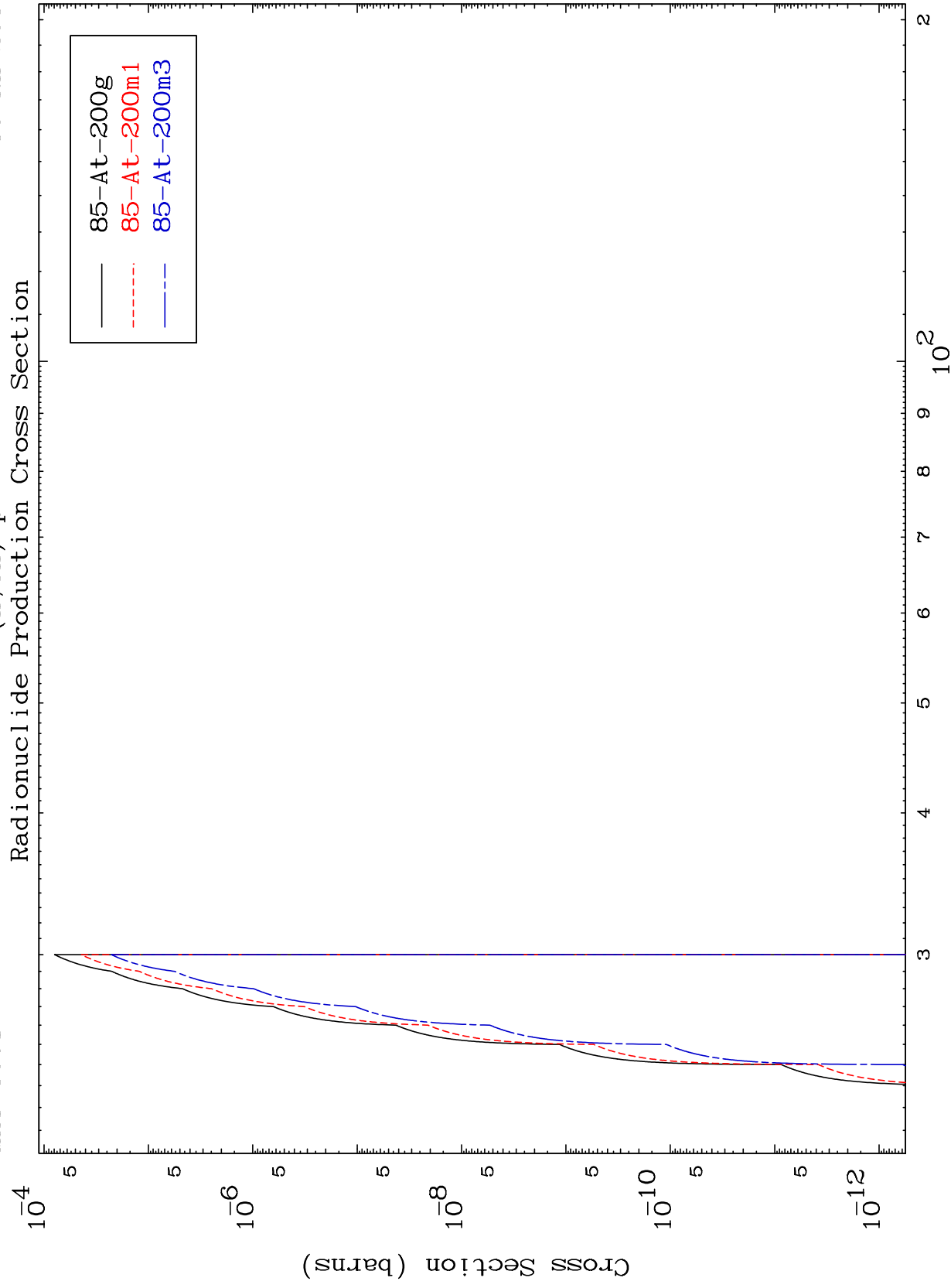
Incident Energy (MeV)

86-Rn-203

MAT 8601

(n,3n) p

86-Rn-203



86

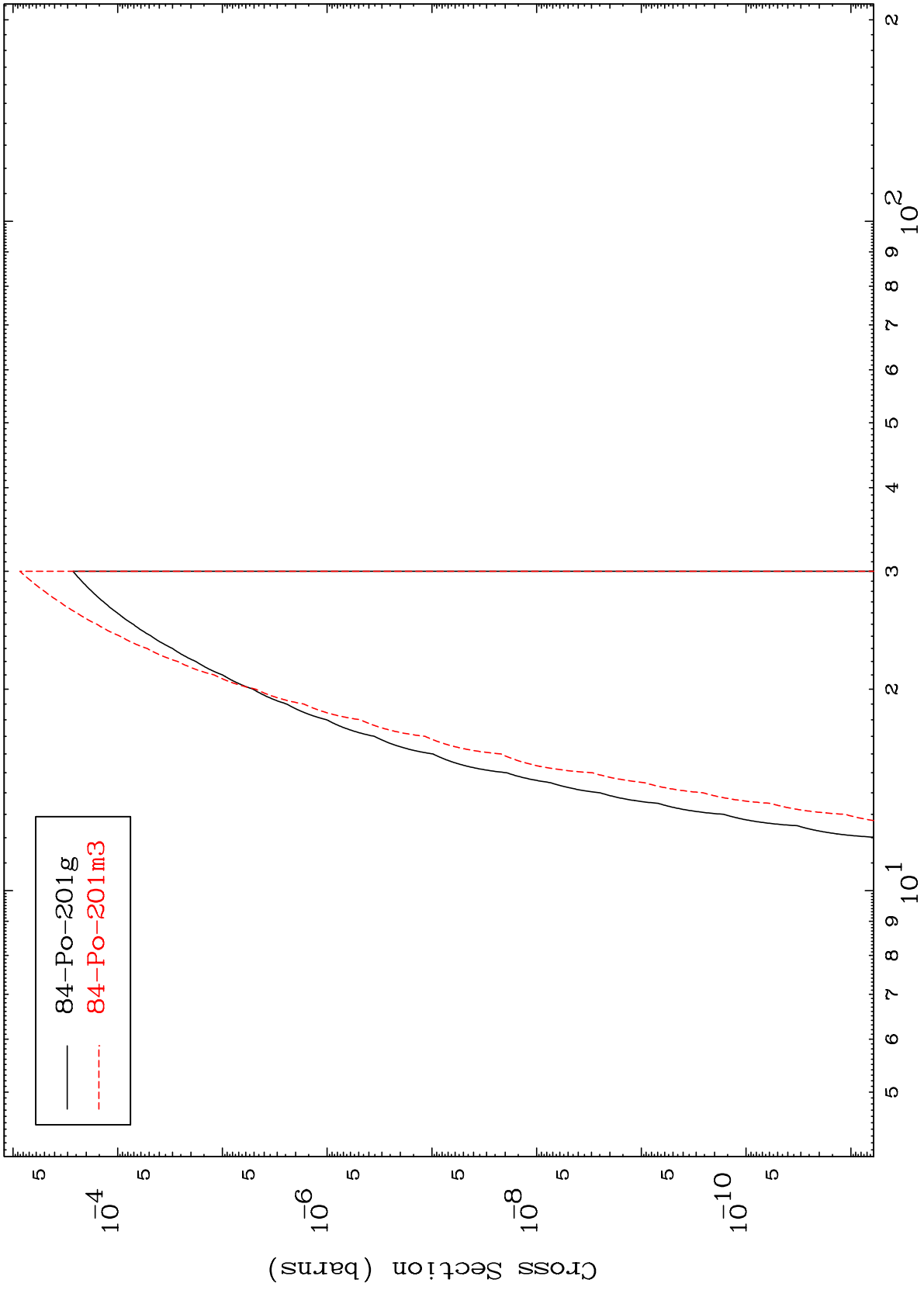
Incident Energy (MeV)

86-Rn-203

MAT 8601

86-Rn-203

(n,2n) p
Radionuclide Production Cross Section



87

86-Rn-203

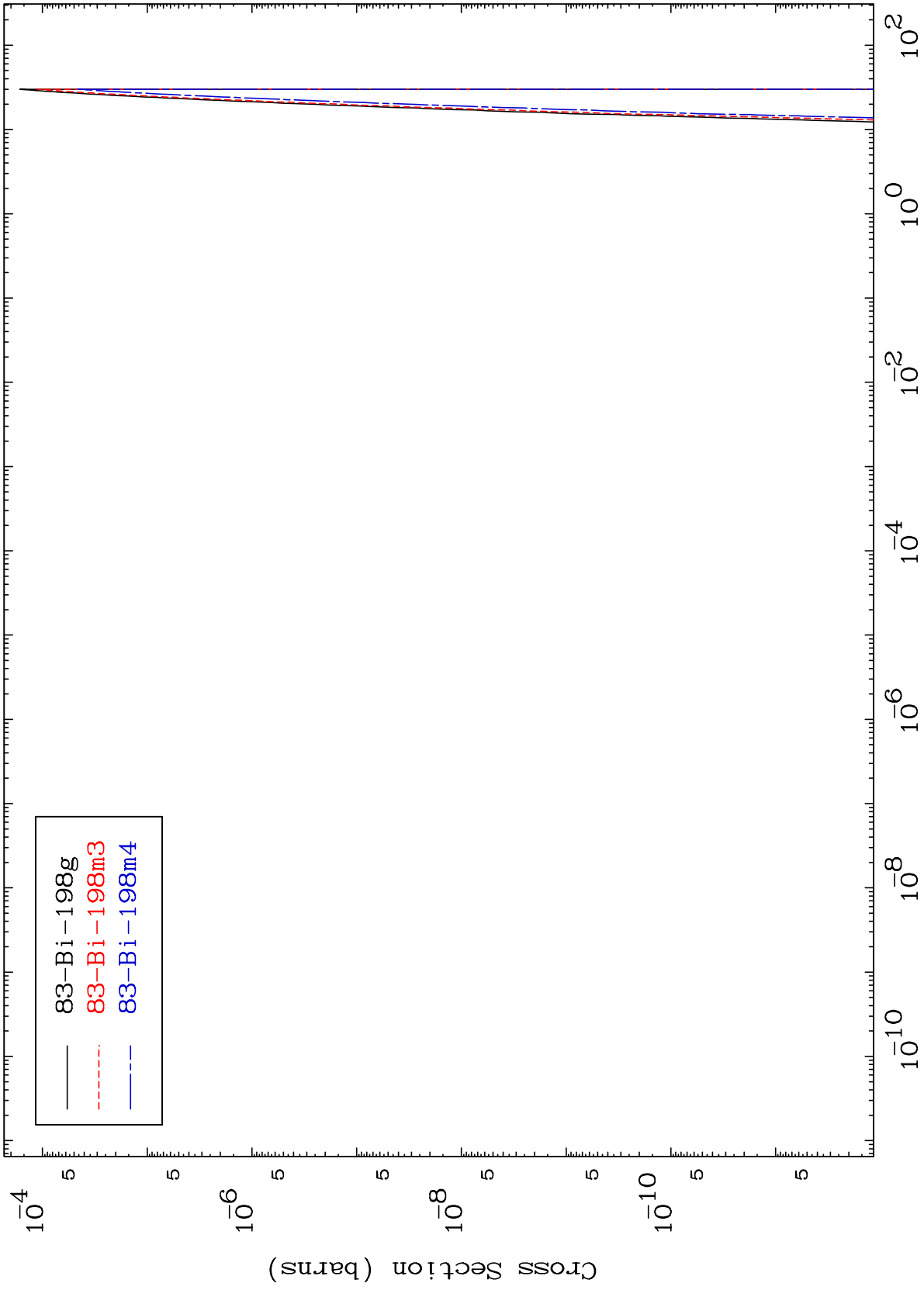
Incident Energy (MeV)

MAT 8601

(n,n') p α

86-Rn-203

Radionuclide Production Cross Section



88

Incident Energy (MeV)

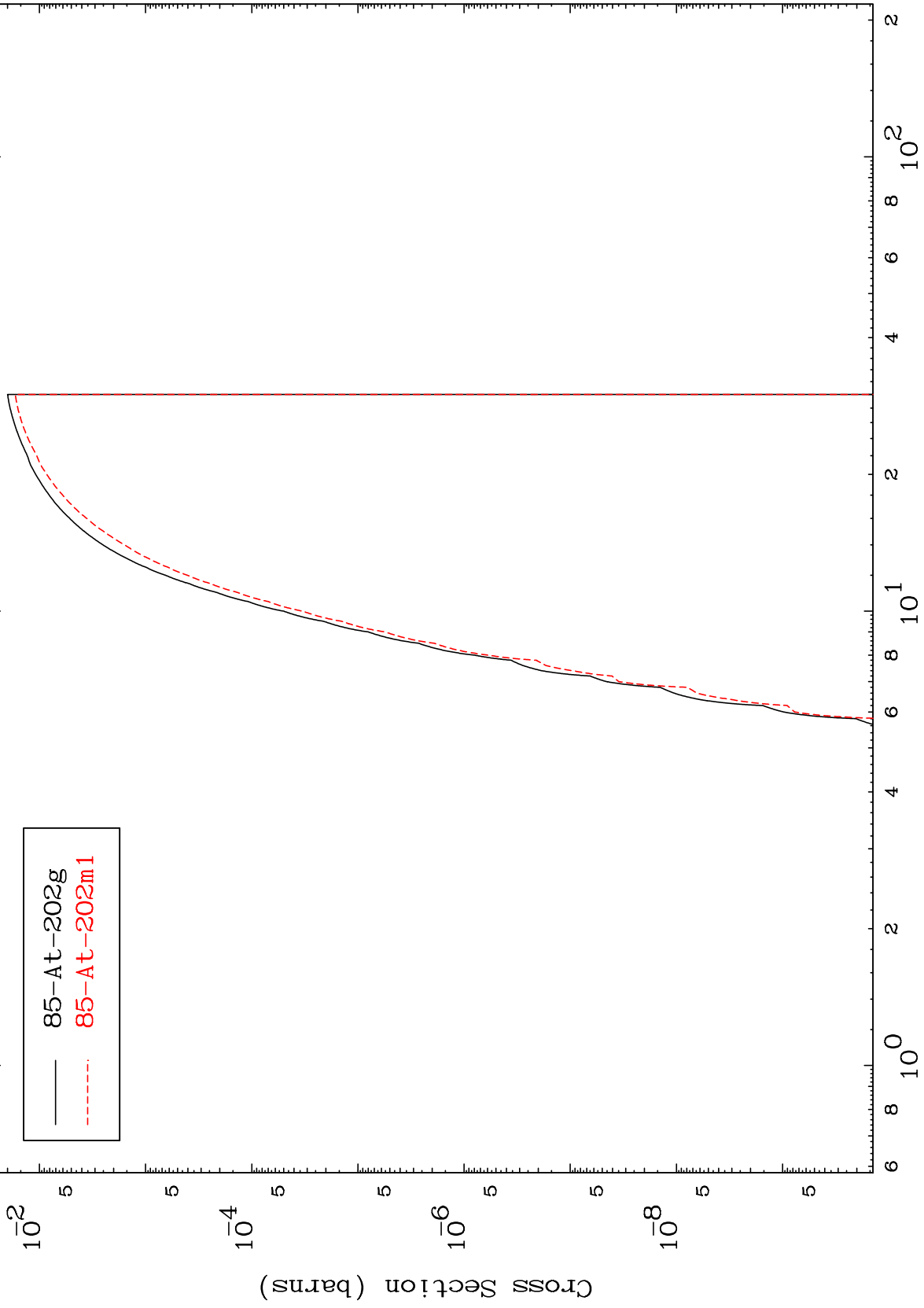
86-Rn-203

MAT 8601

(n,d)

86-Rn-203

Radionuclide Production Cross Section



85-At-202g
85-At-202m1

89

Incident Energy (MeV)

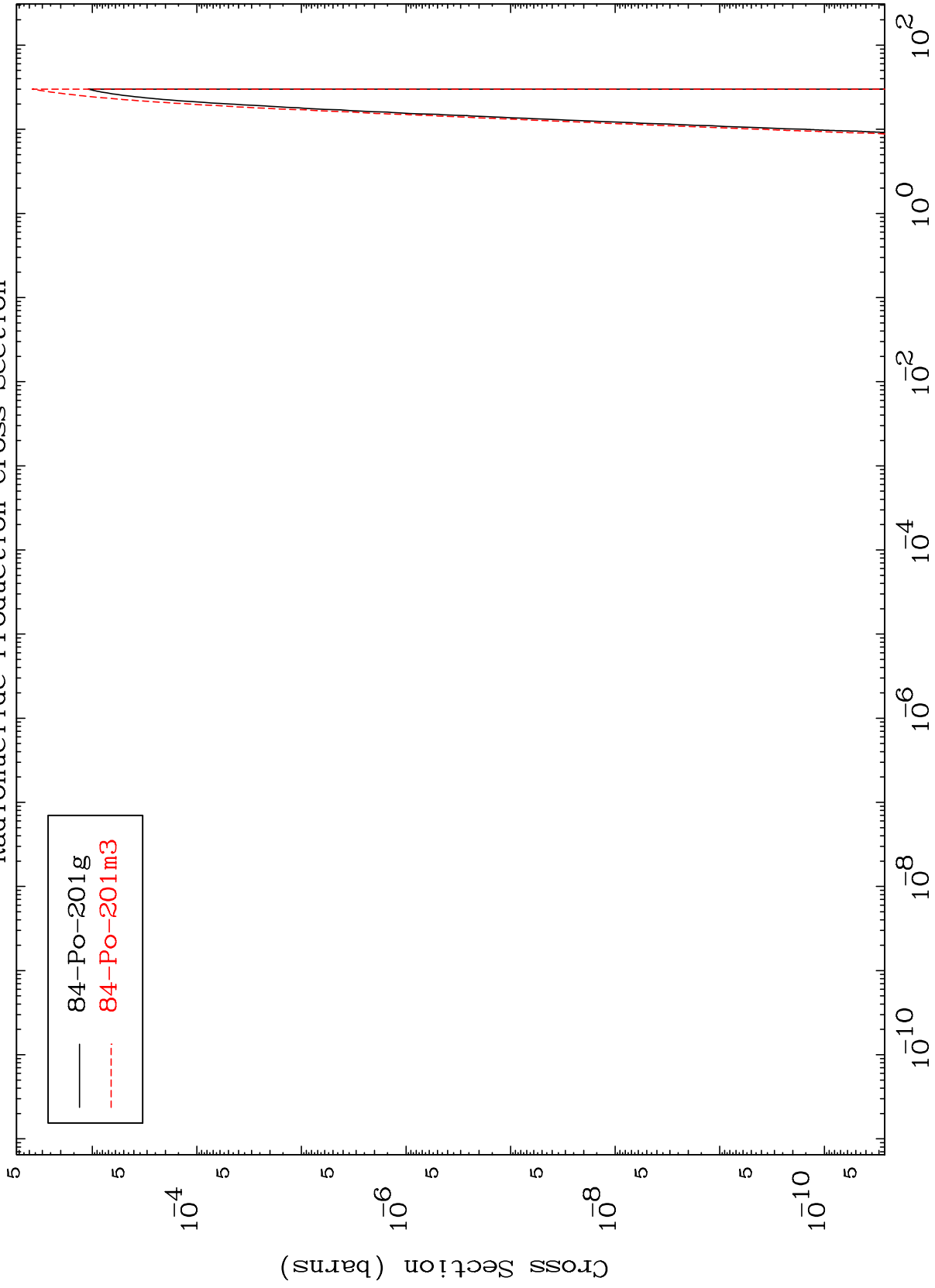
86-Rn-203

MAT 8601

(n, He-3)

86-Rn-203

Radionuclide Production Cross Section



90

Incident Energy (MeV)

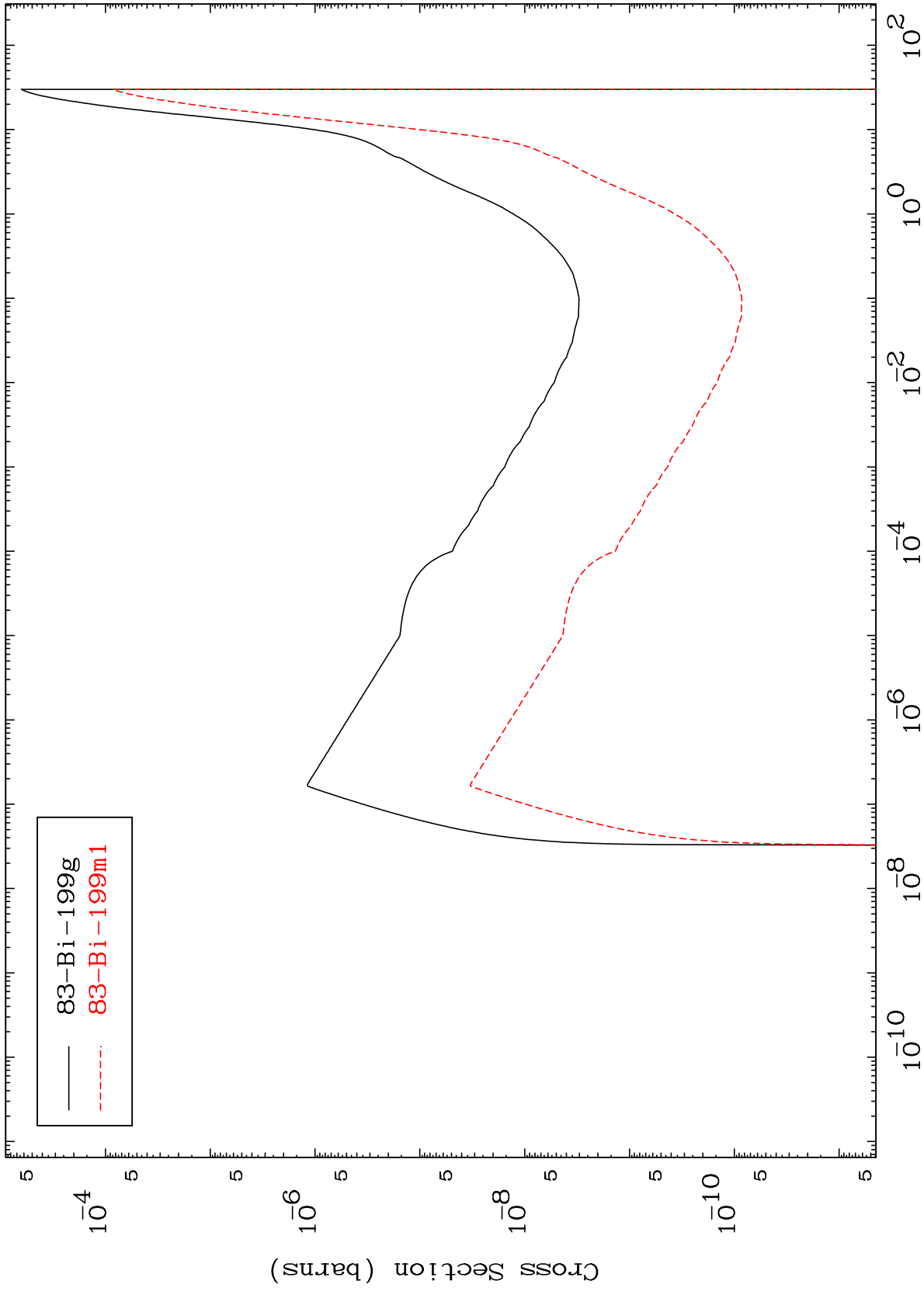
86-Rn-203

MAT 8601

$(n,p) \alpha$

86-Rn-203

Radionuclide Production Cross Section



91

Incident Energy (MeV)

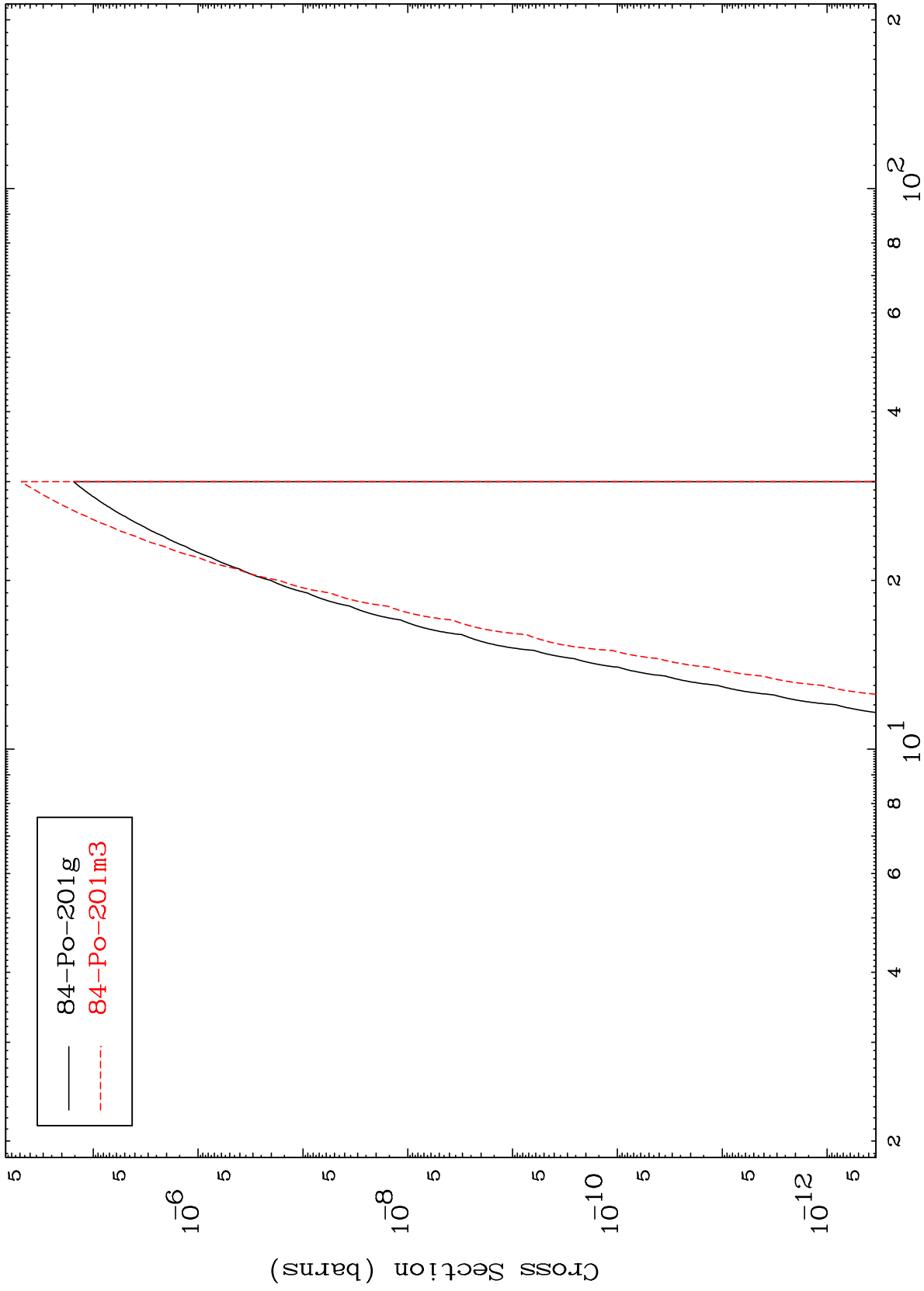
86-Rn-203

MAT 8601

(n,p) d

86-Rn-203

Radionuclide Production Cross Section



92

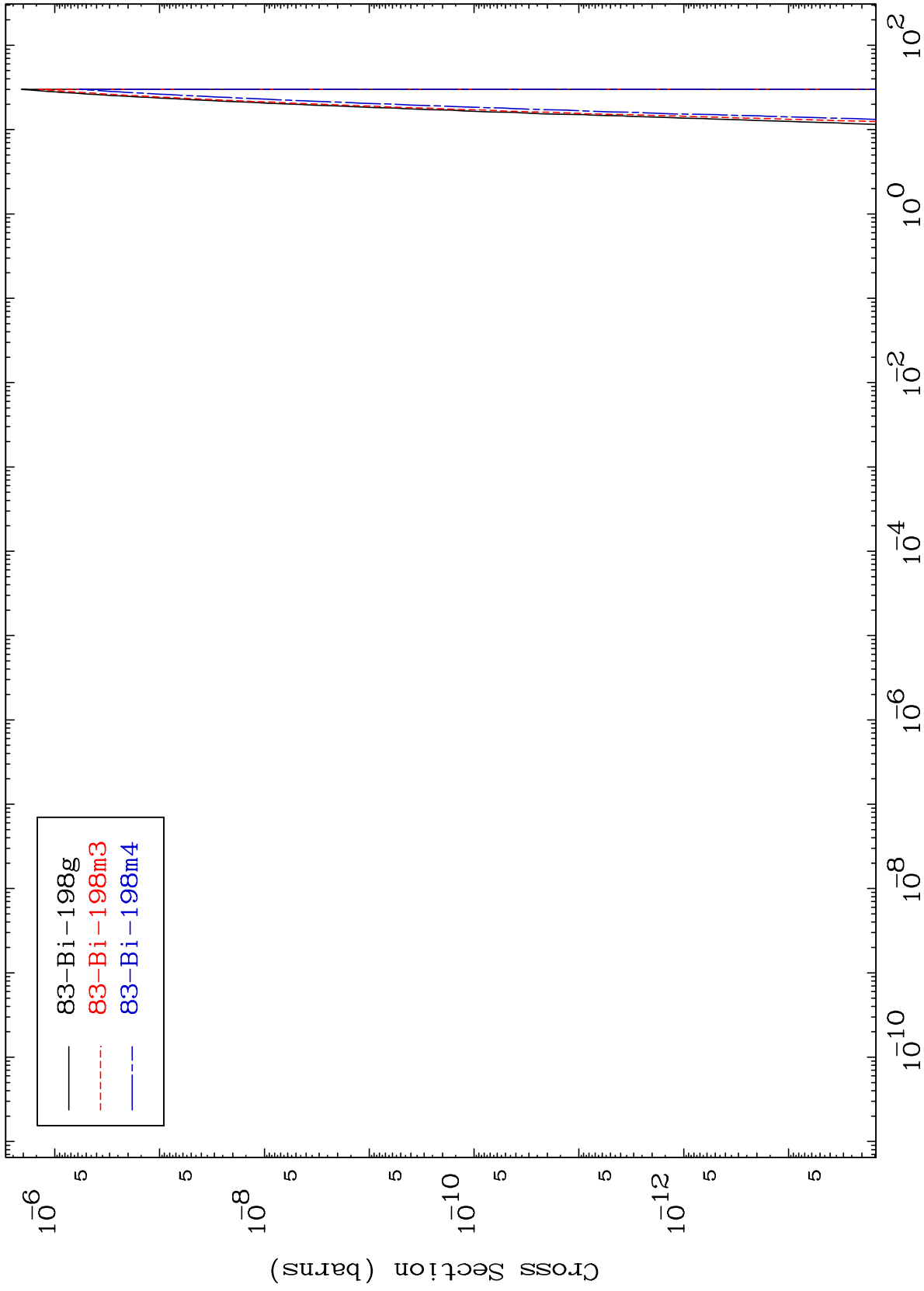
86-Rn-203

MAT 8601

(n,d) α

86-Rn-203

Radionuclide Production Cross Section



93

Incident Energy (MeV)

86-Rn-203