

Program EVALPLOT  
(Version 2018-1)

by

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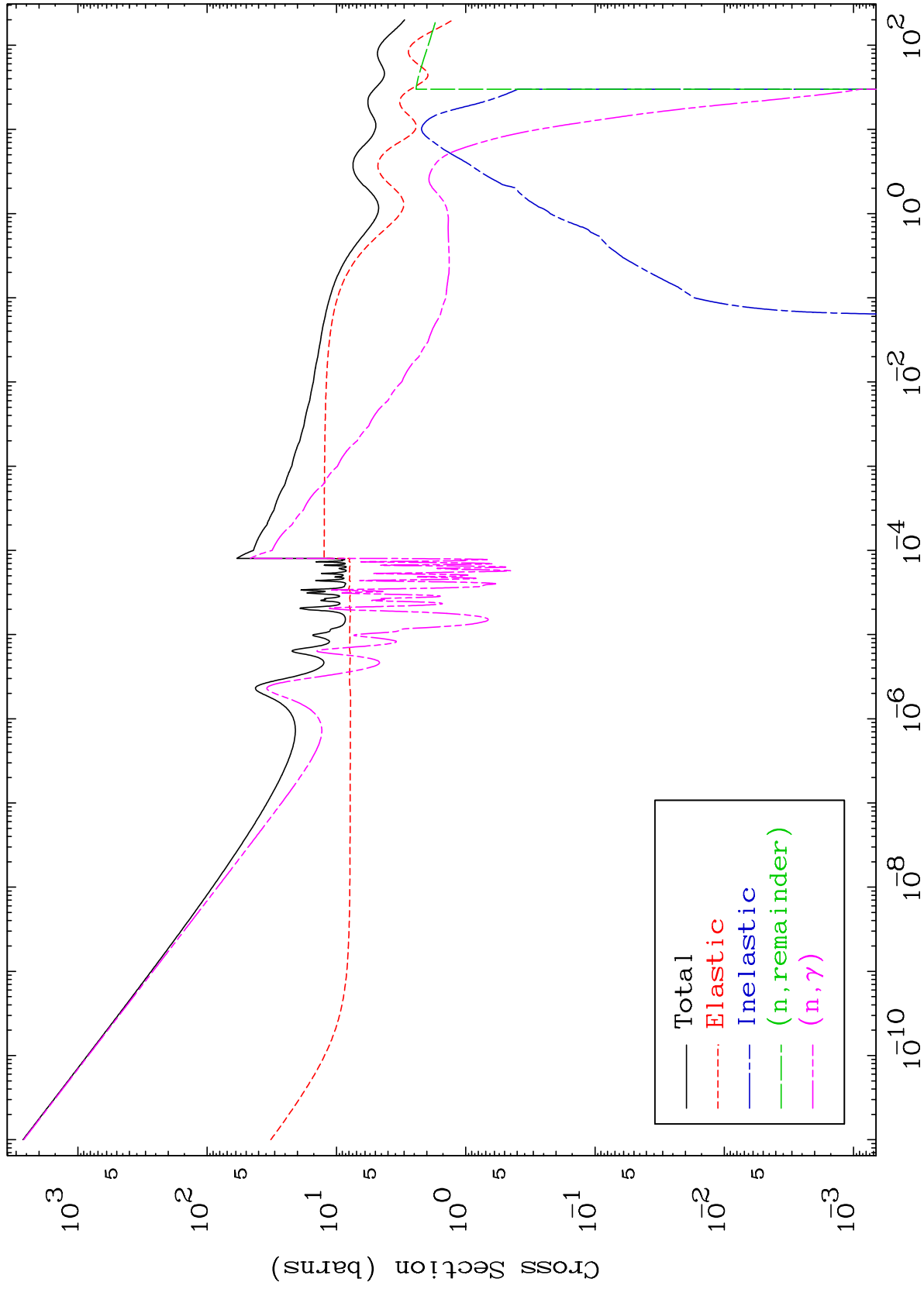
Press Mouse Button to Start

MAT 8416

Major

293 Kelvin Cross Sections

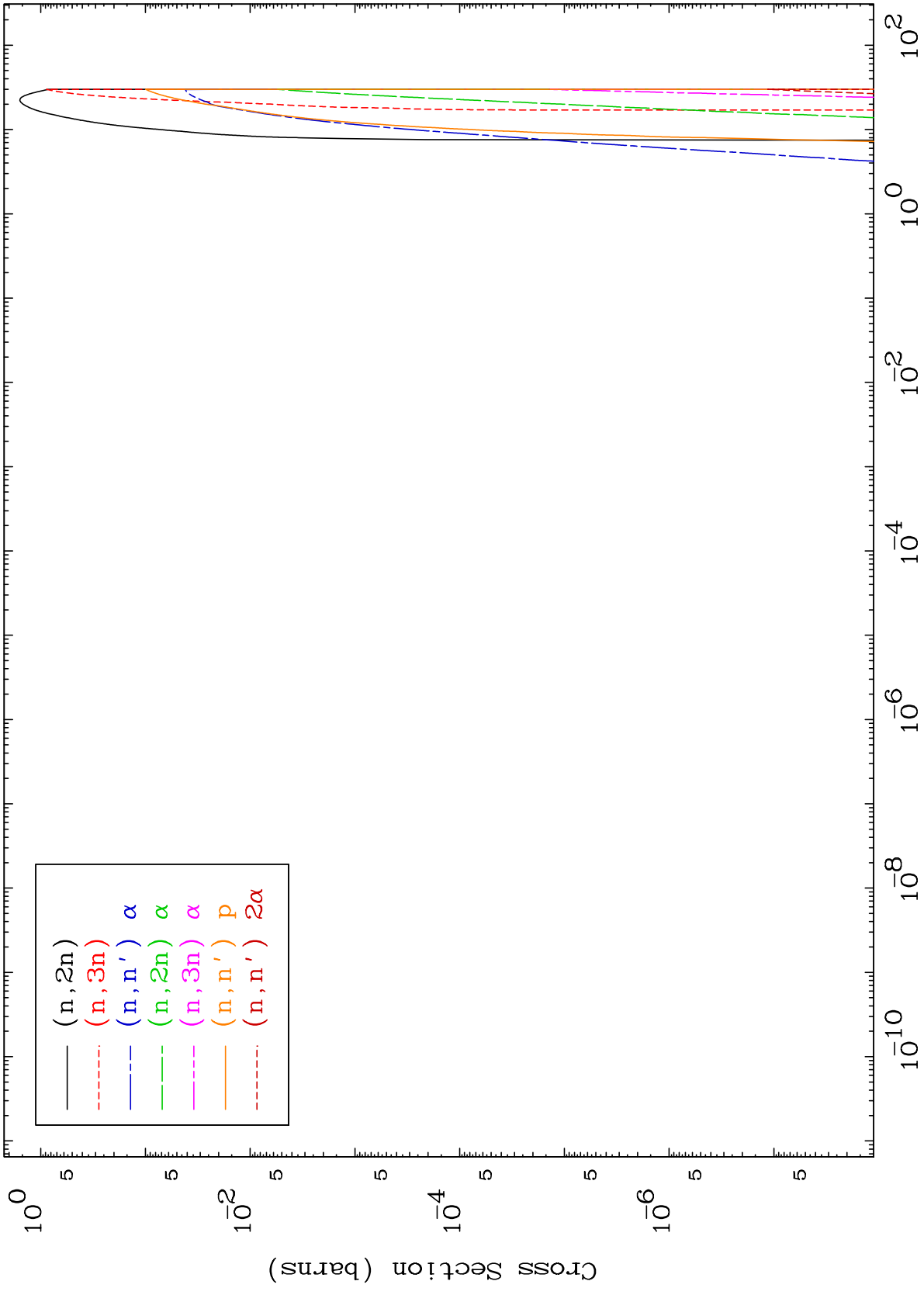
84-Po-203



MAT 8416

Neutron Production  
293 Kelvin Cross Sections

84-Po-203

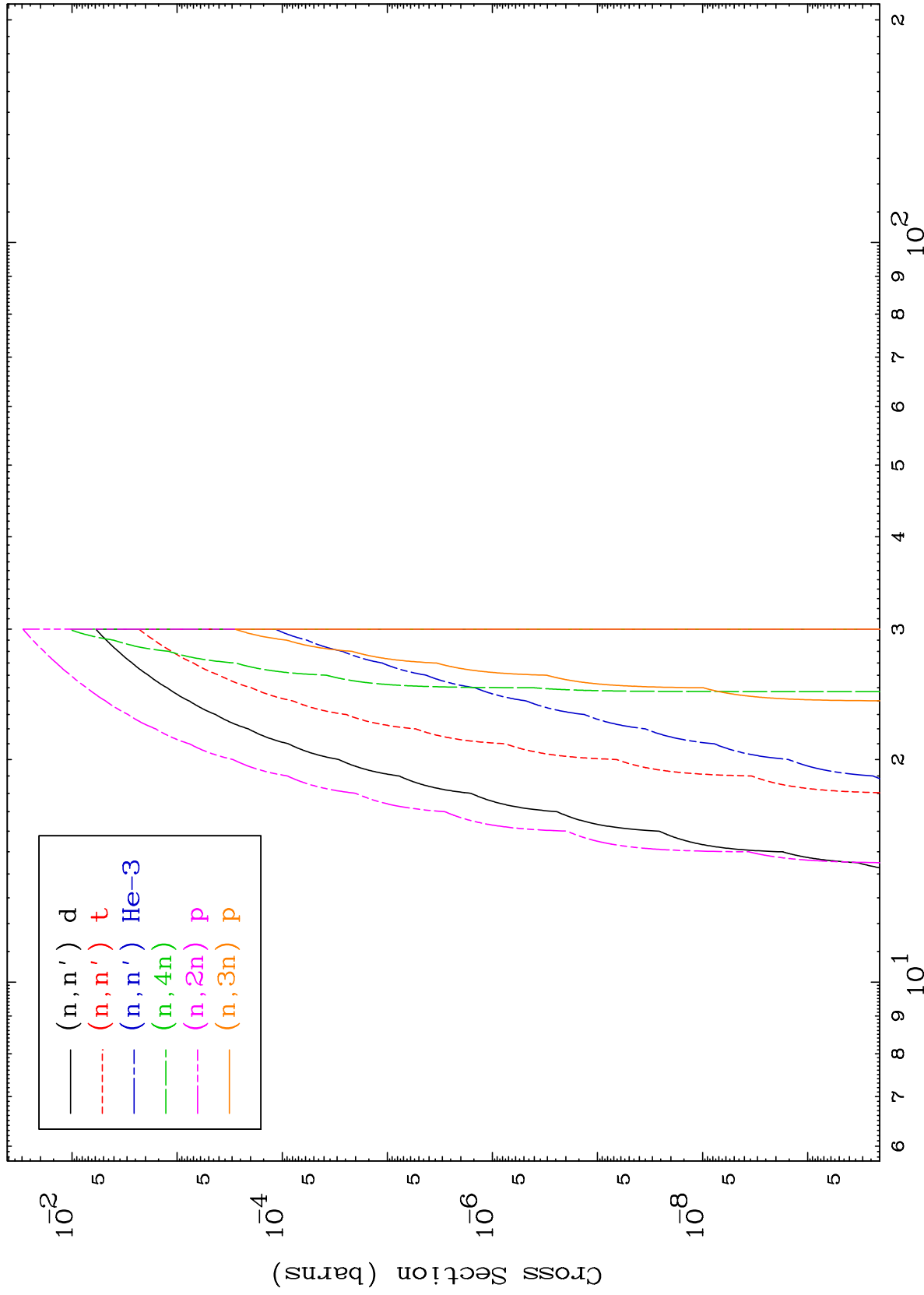


84-Po-203

MAT 8416

Neutron Production  
293 Kelvin Cross Sections

84-Po-203



3

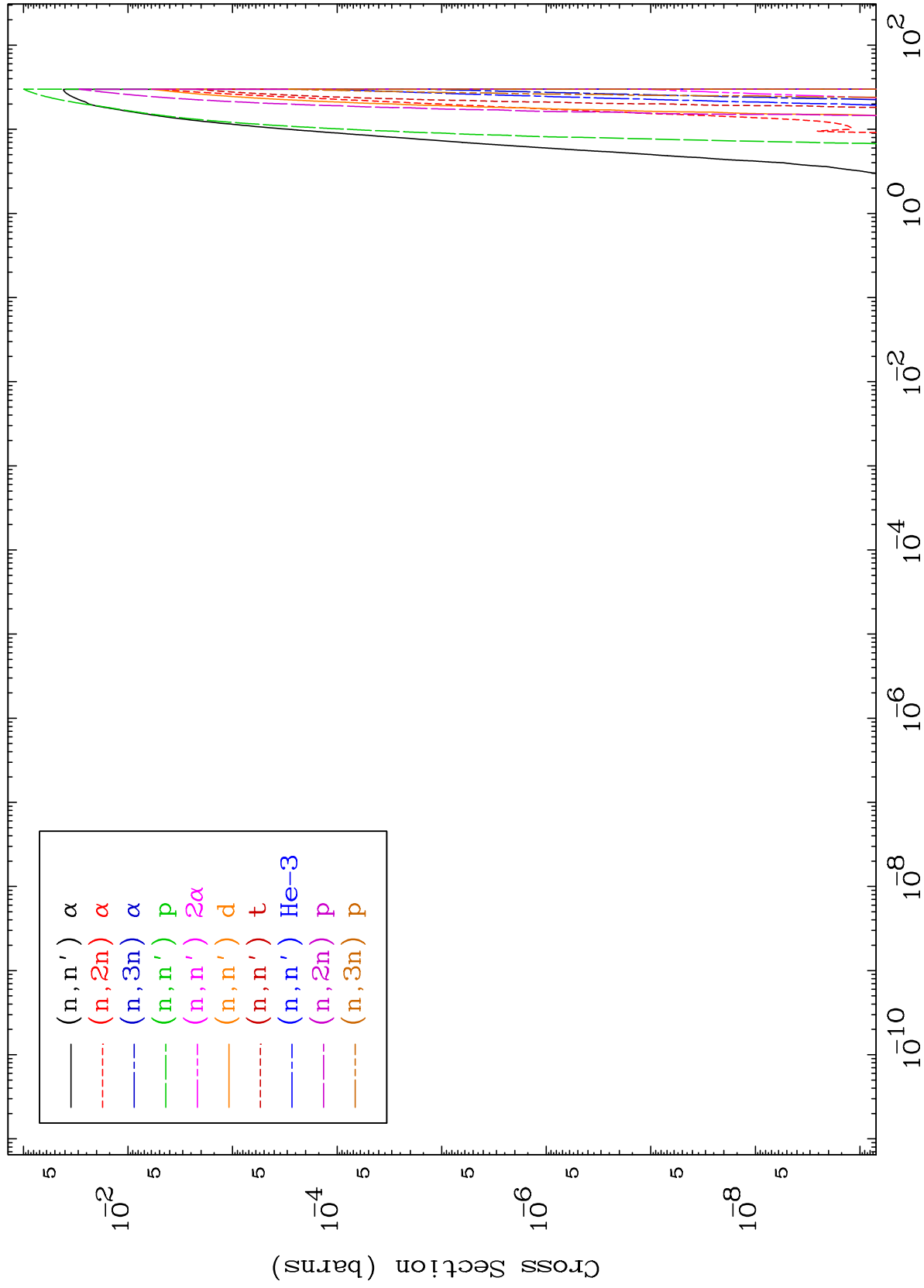
Incident Energy (MeV)

84-Po-203

MAT 8416

293 Kelvin Cross Sections  
Charged Particle

84-Po-203



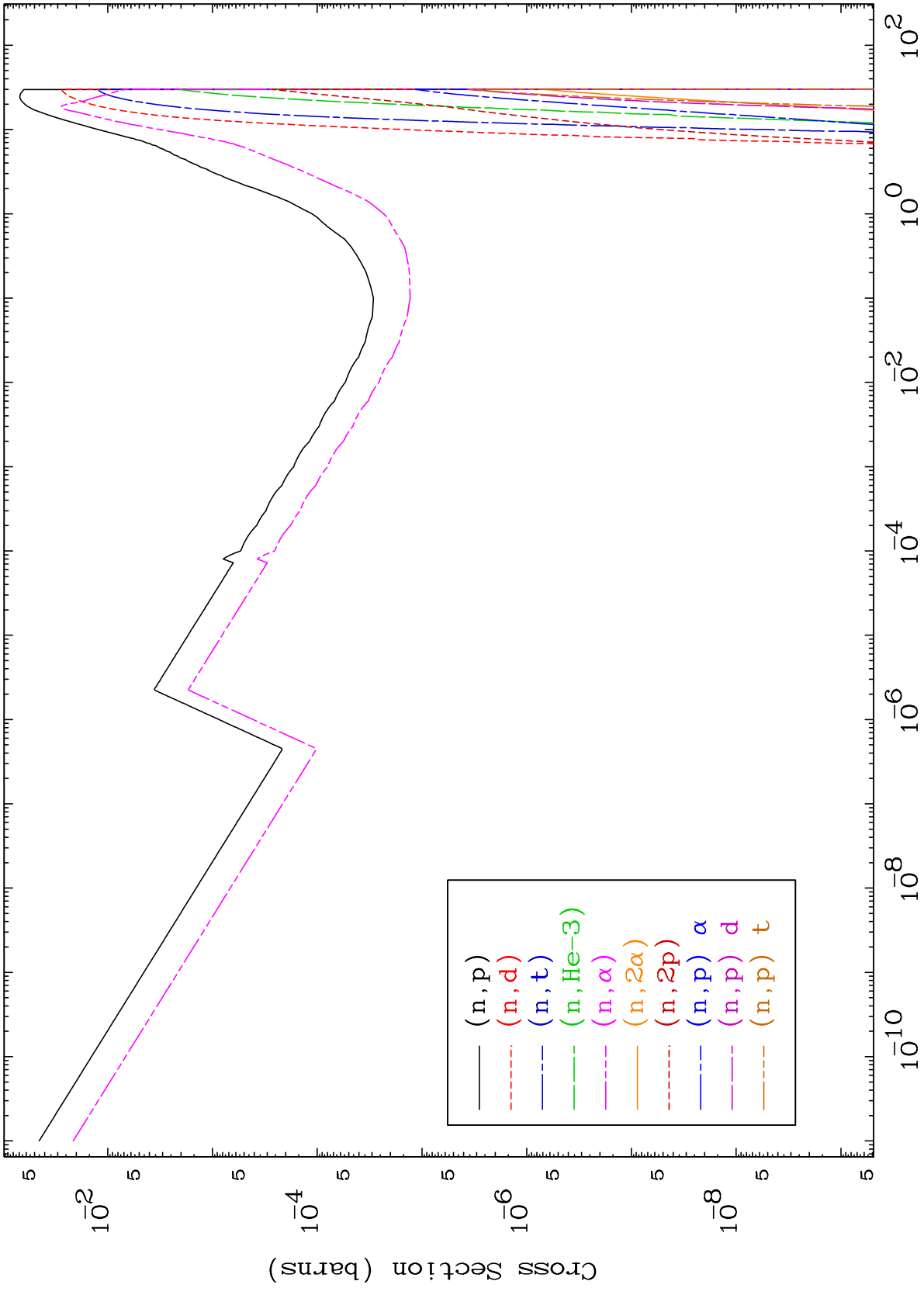
84-Po-203

Incident Energy (MeV)

MAT 8416

293 Kelvin Cross Sections

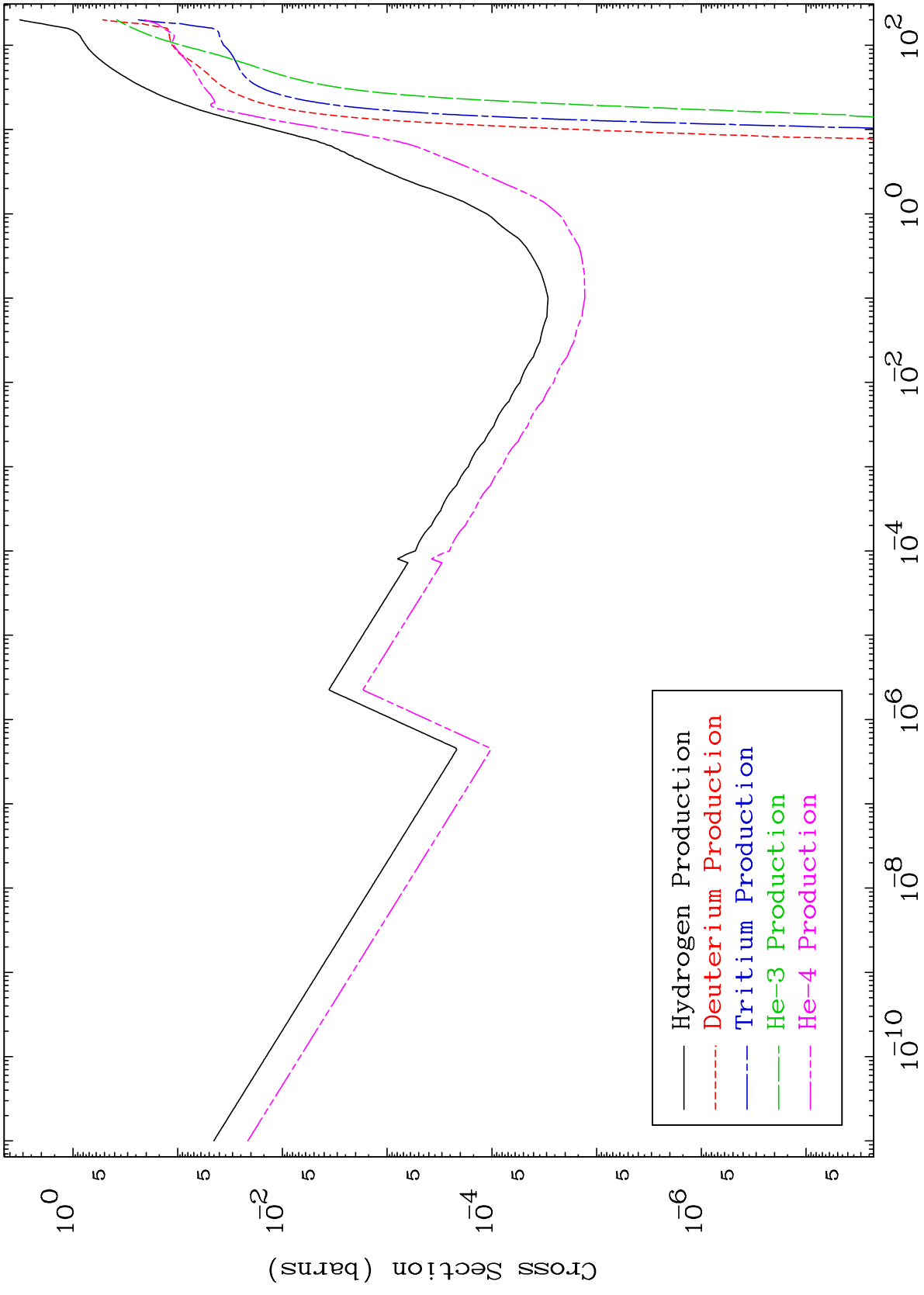
84-Po-203



MAT 8416

Particle Production  
293 Kelvin Cross Sections

84-Po-203

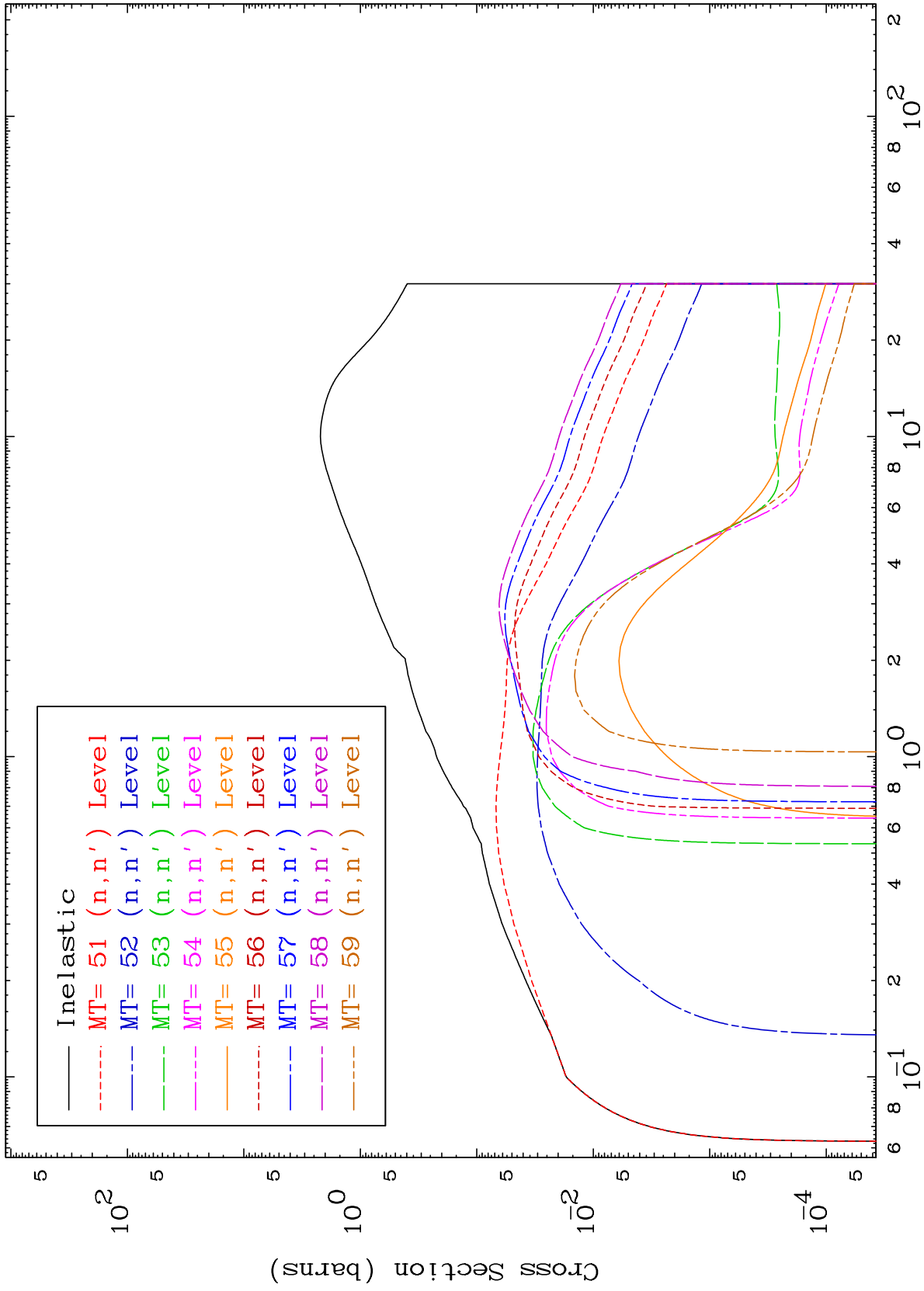


84-Po-203

MAT 8416

(n,n') Level  
293 Kelvin Cross Sections

84-Po-203



7

Incident Energy (MeV)

84-Po-203

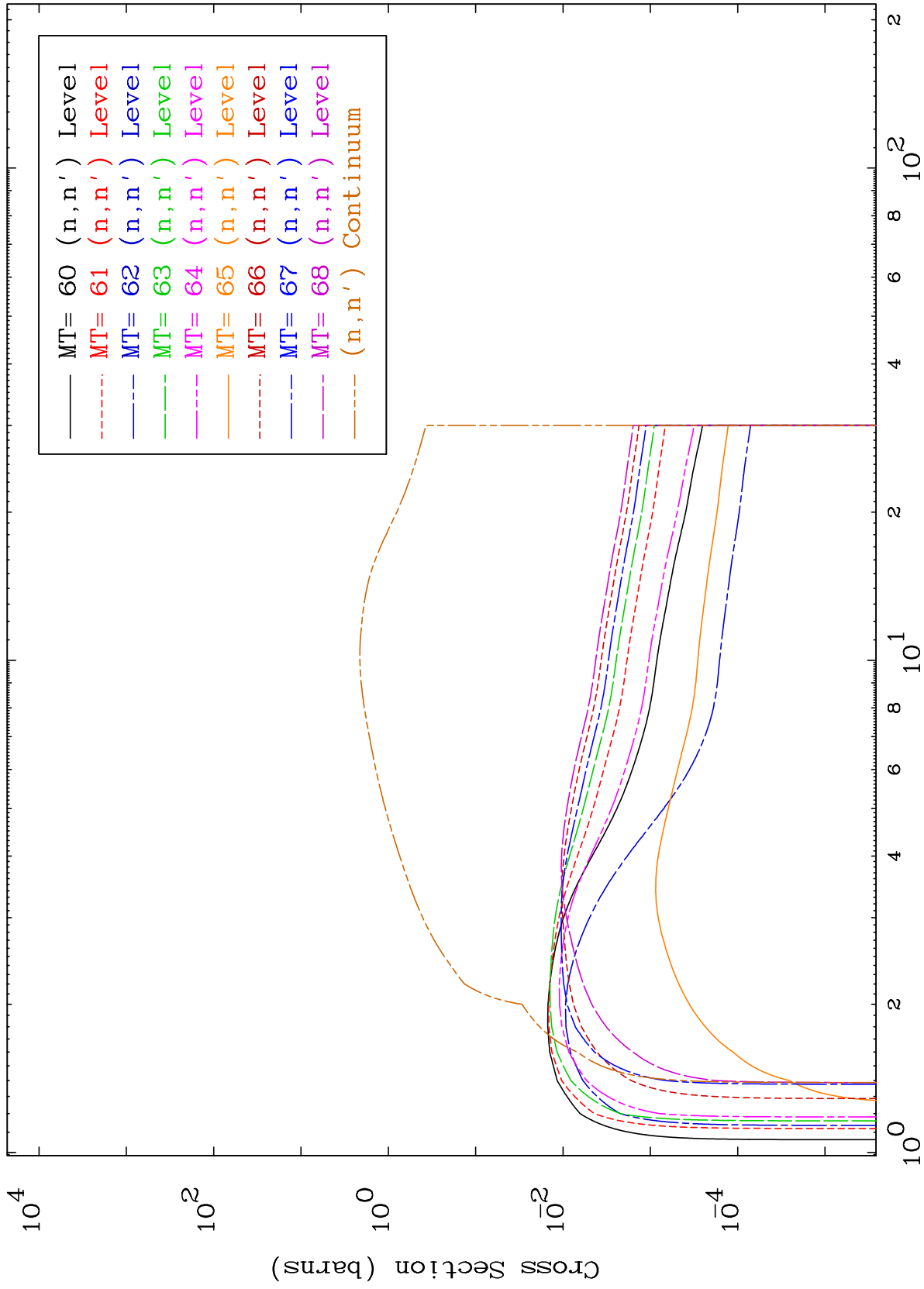


MAT 8416

(n,n') Level

84-Po-203

293 Kelvin Cross Sections



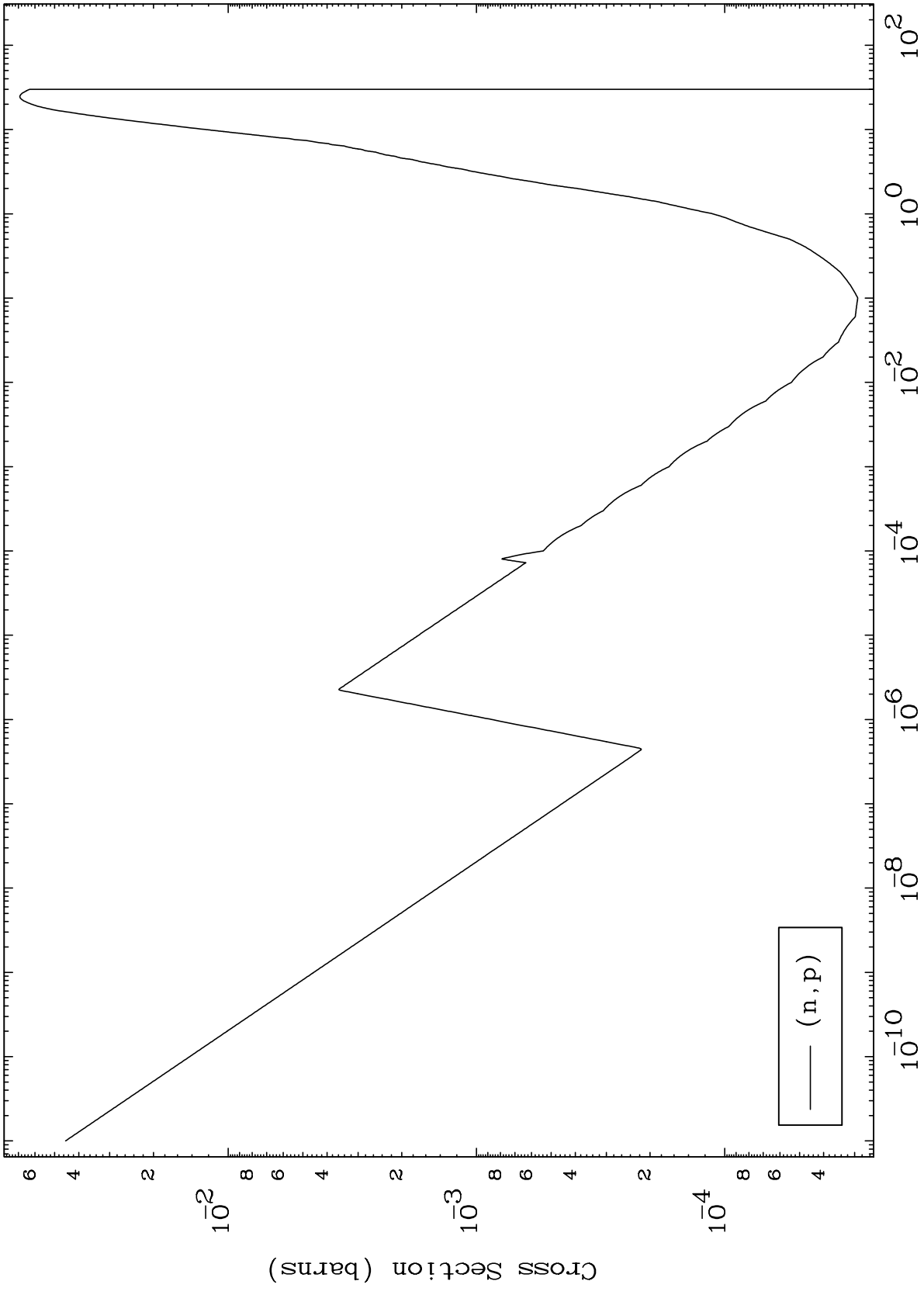
Incident Energy (MeV)

84-Po-203

MAT 8416

(n,p) Levels  
293 Kelvin Cross Sections

84-Po-203

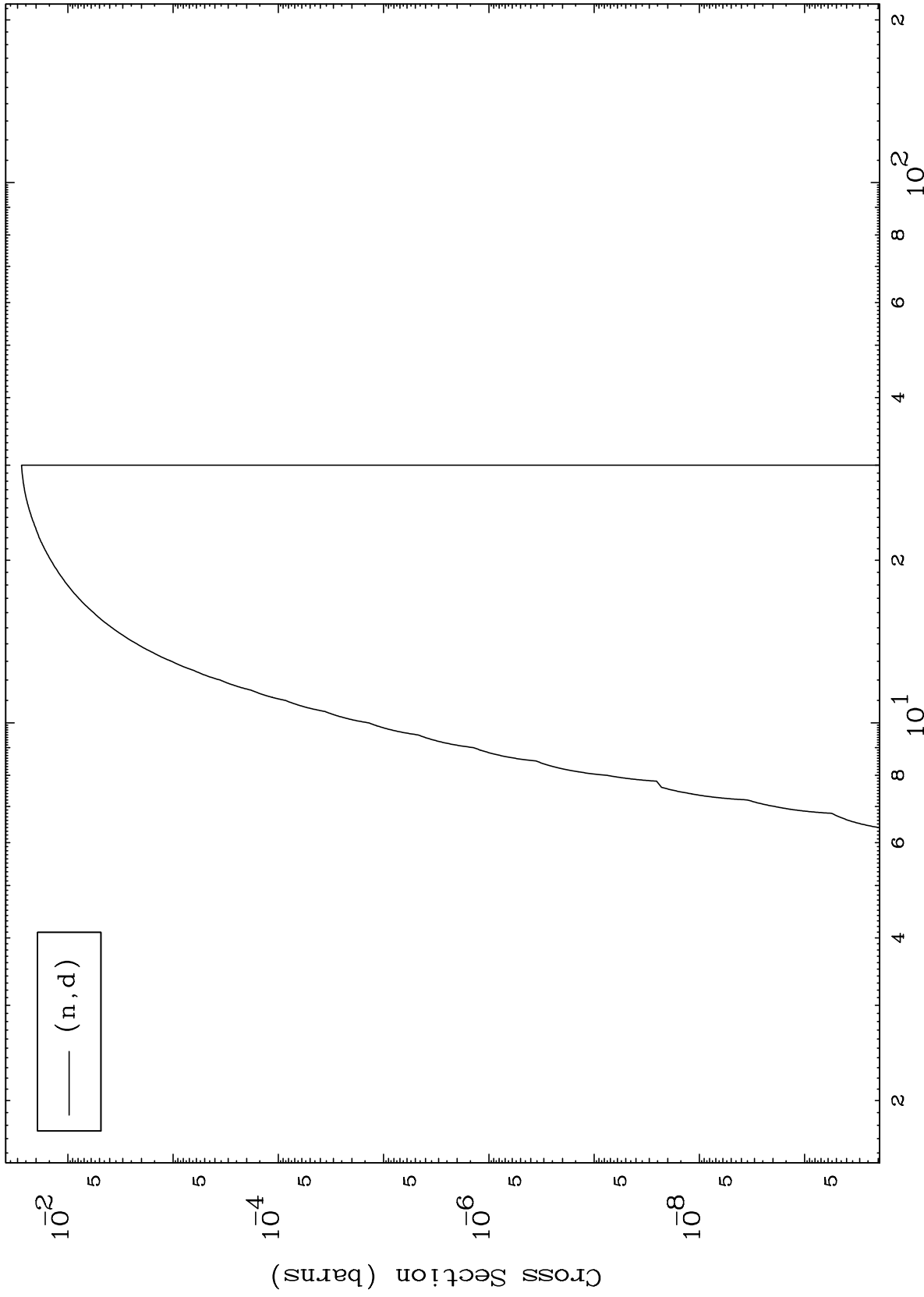


84-Po-203

MAT 8416

(n,d) Levels  
293 Kelvin Cross Sections

84-Po-203



10

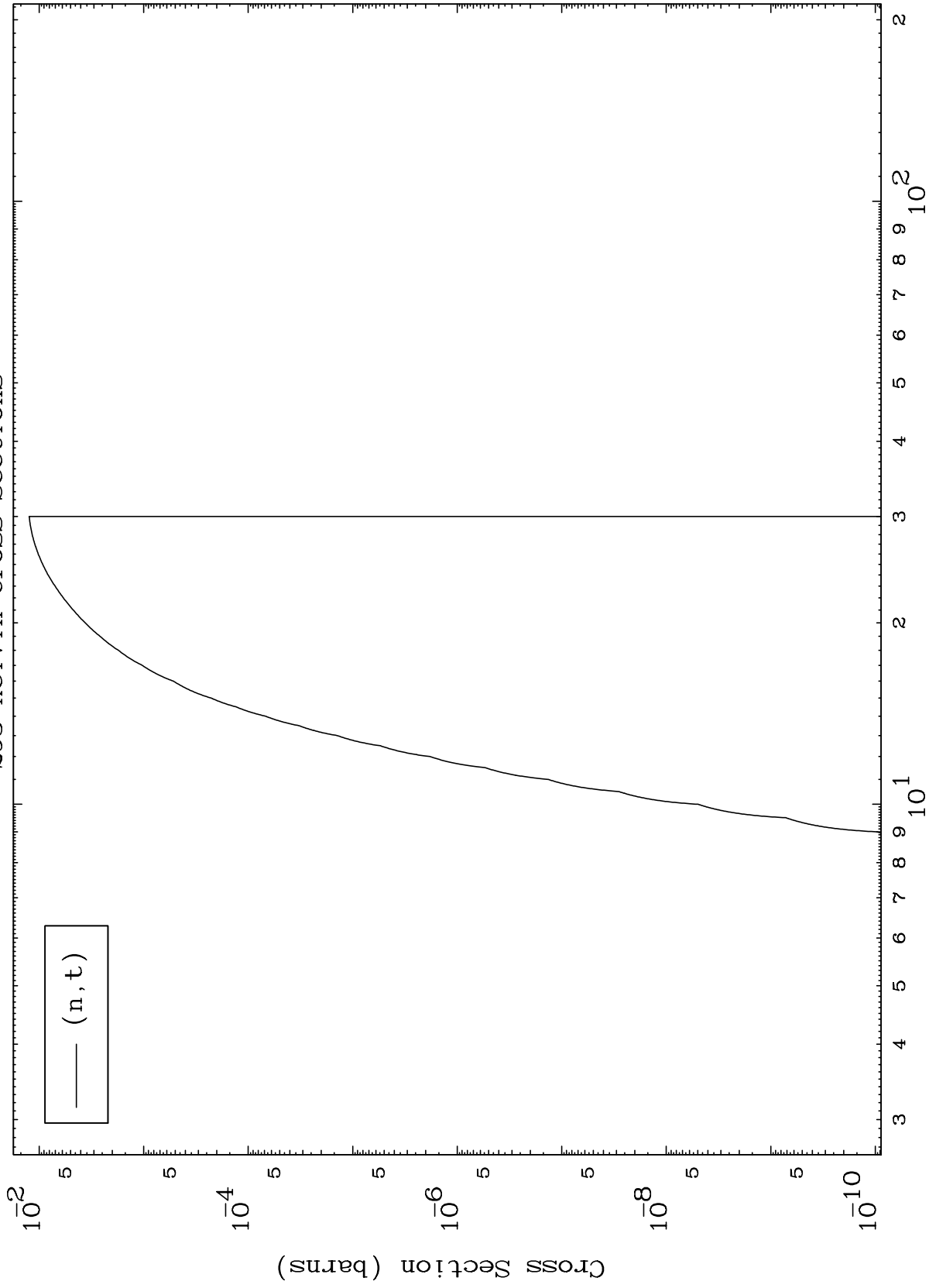
Incident Energy (MeV)

84-Po-203

MAT 8416

(n,t) Levels  
293 Kelvin Cross Sections

84-Po-203



11

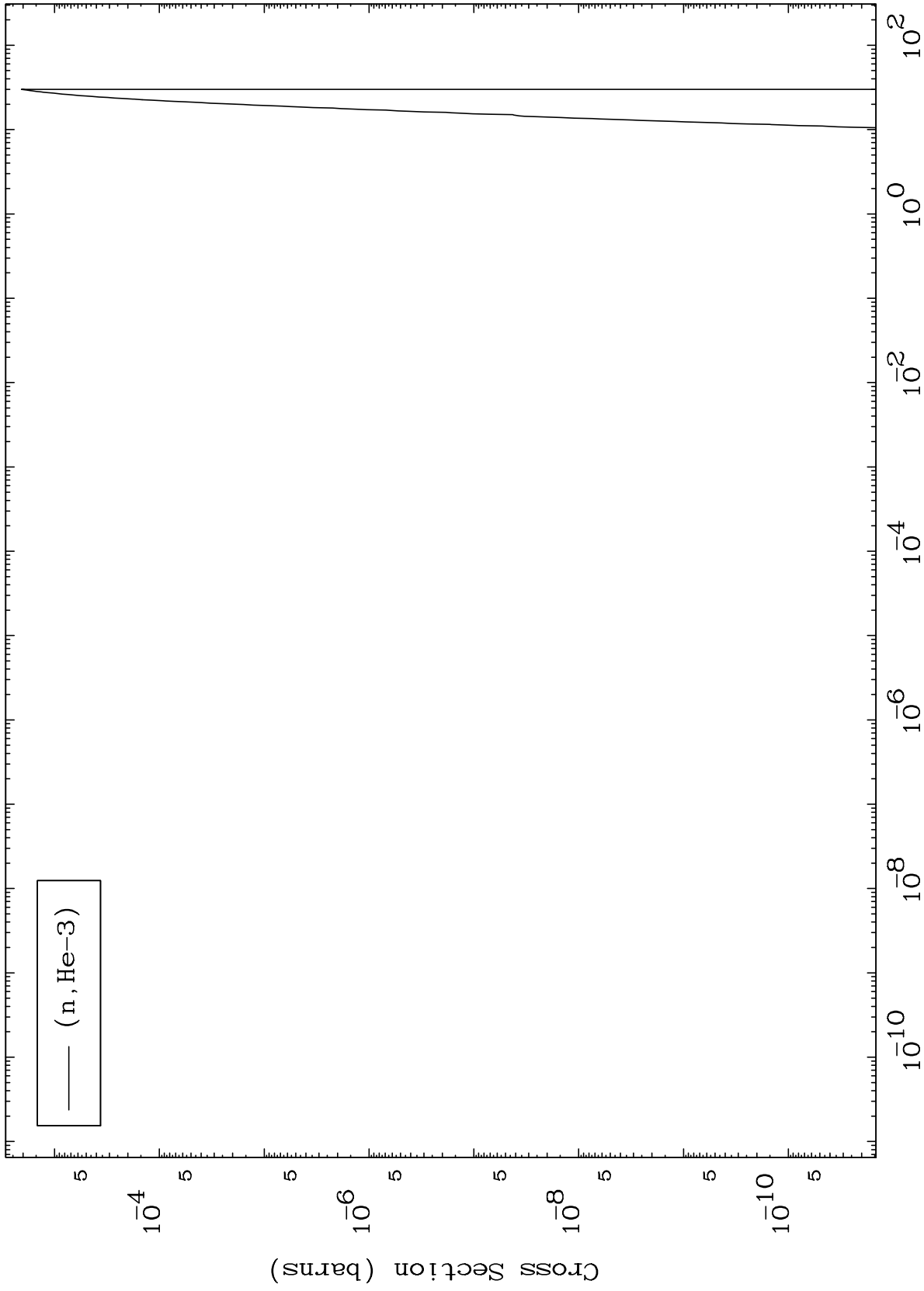
Incident Energy (MeV)

84-Po-203

MAT 8416

(n,He3) Levels  
293 Kelvin Cross Sections

84-Po-203



12

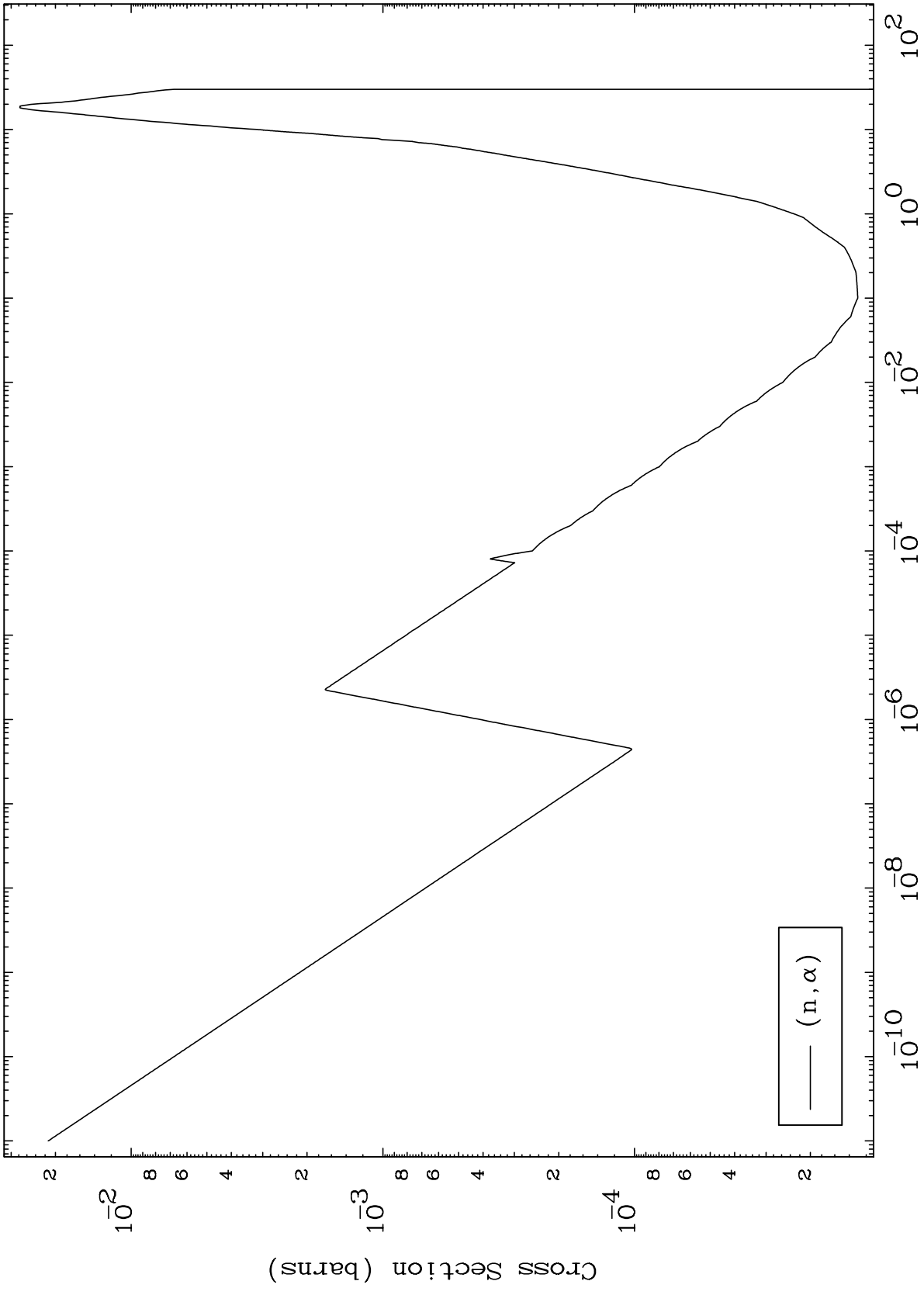
Incident Energy (MeV)

84-Po-203

MAT 8416

(n,α) Levels  
293 Kelvin Cross Sections

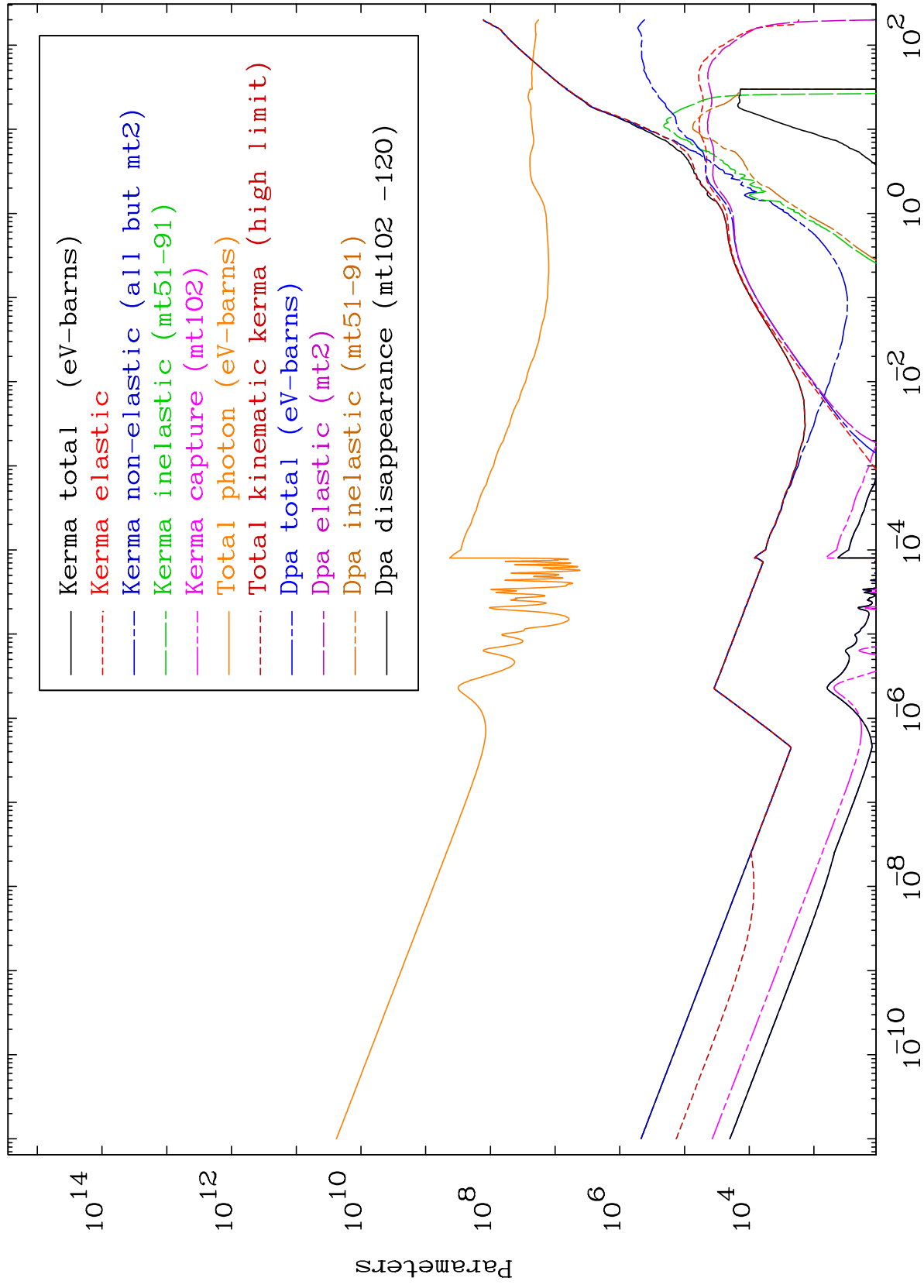
84-Po-203



13

Incident Energy (MeV)

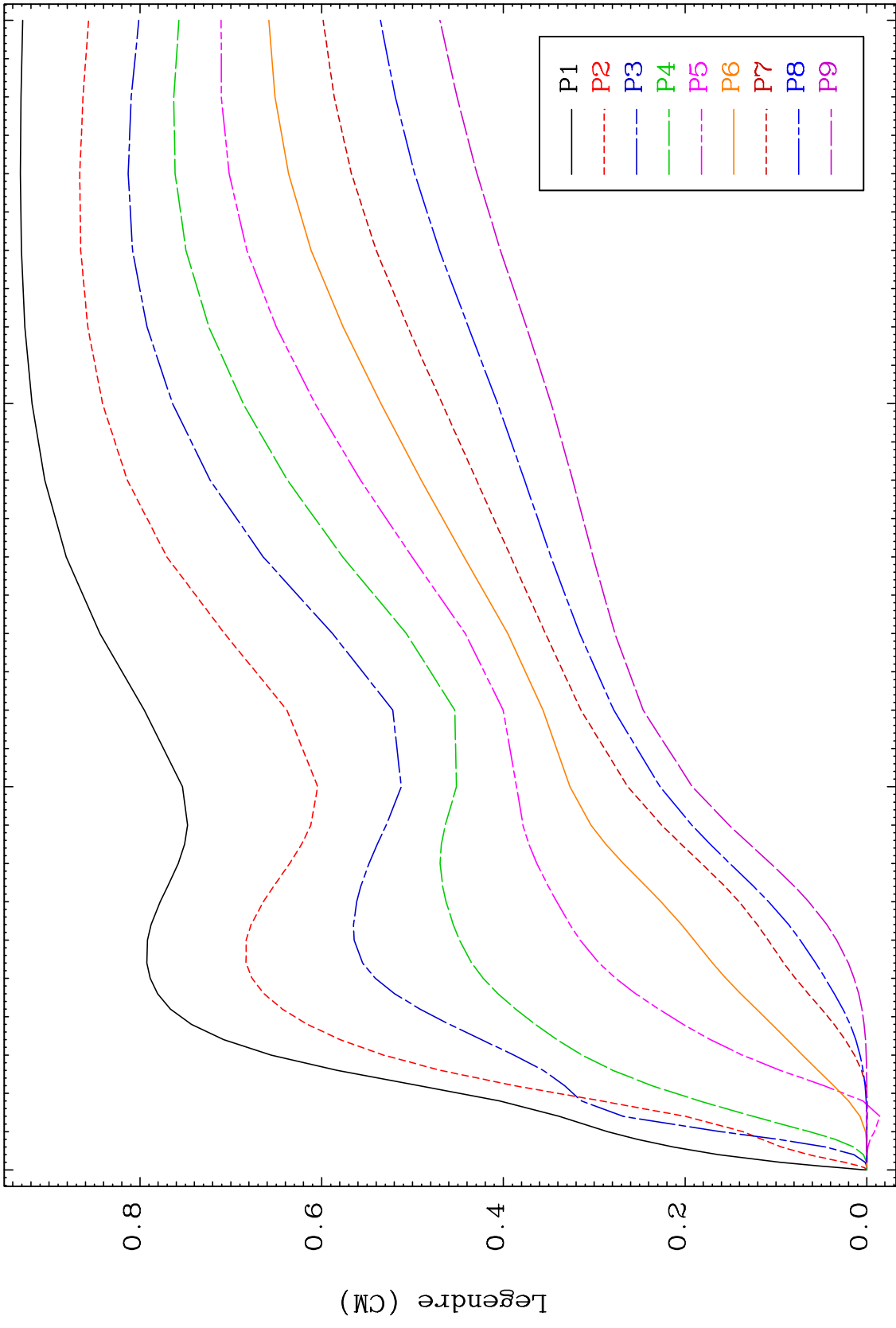
84-Po-203



MAT 8416

84-Po-203

Elastic Legendre Coefficients



0

15

Incident Energy (MeV)

20

30

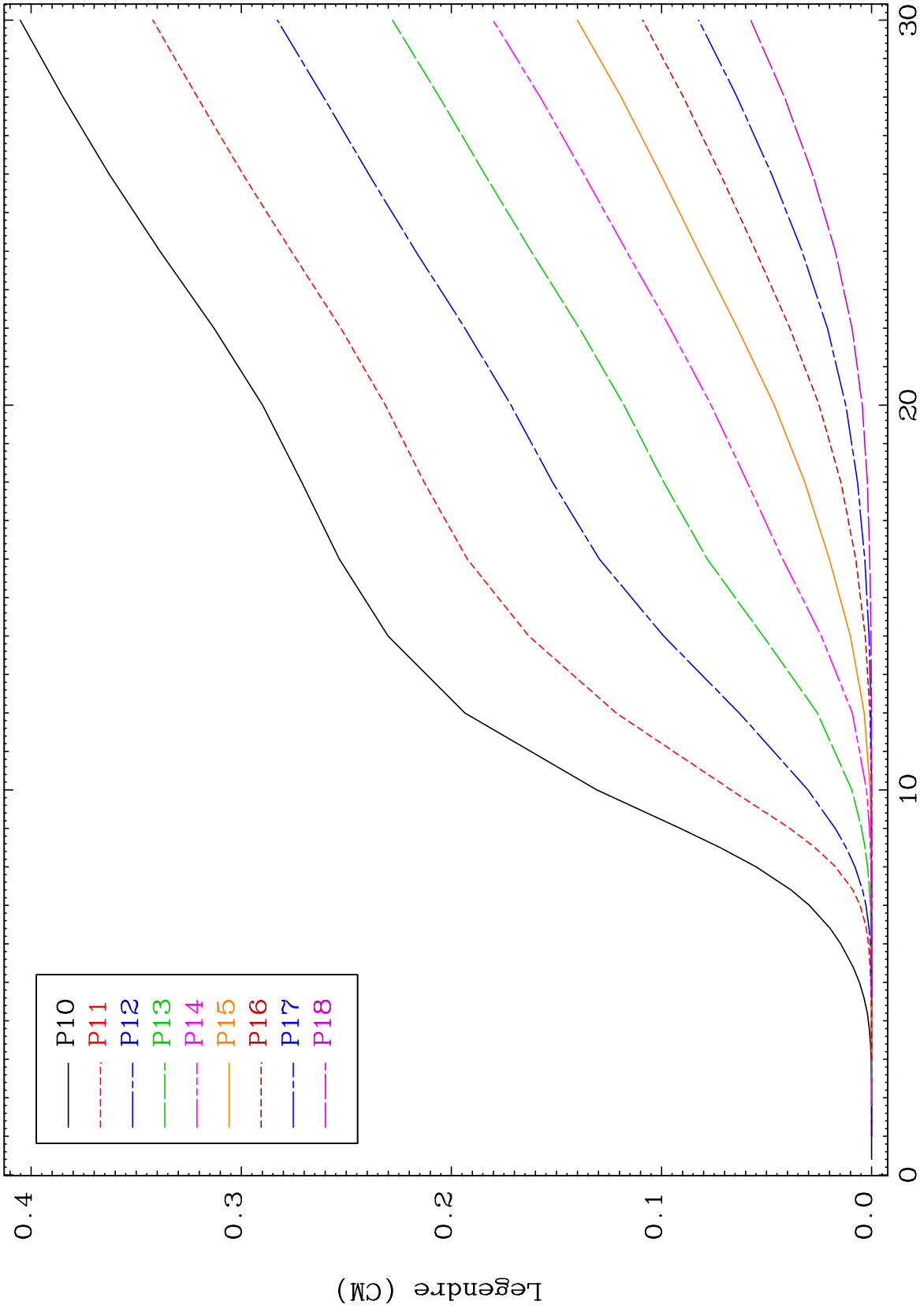
84-Po-203



MAT 8416

Elastic Legendre Coefficients

84-Po-203



16

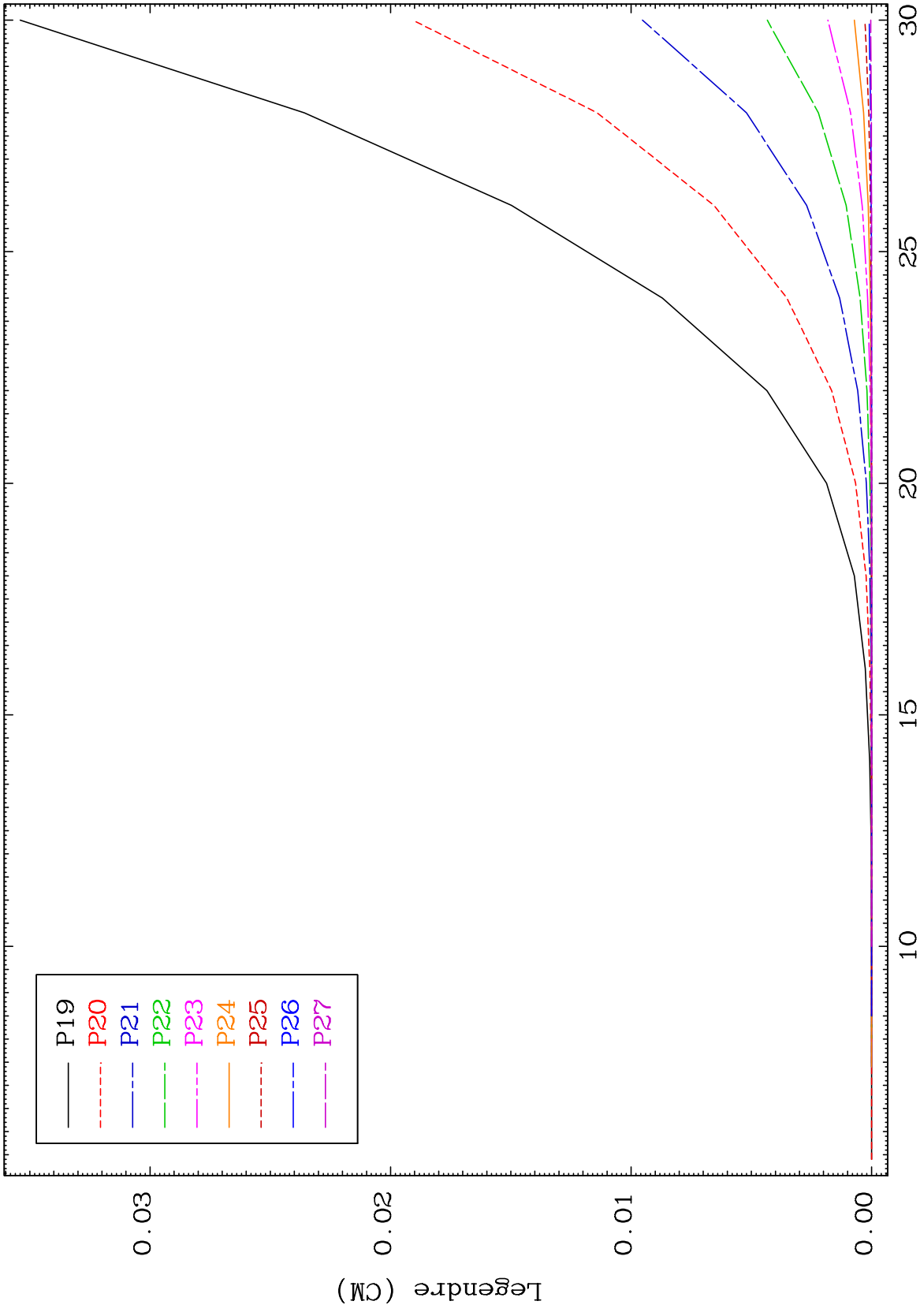
Incident Energy (MeV)

84-Po-203

MAT 8416

Elastic Legendre Coefficients

84-Po-203



17

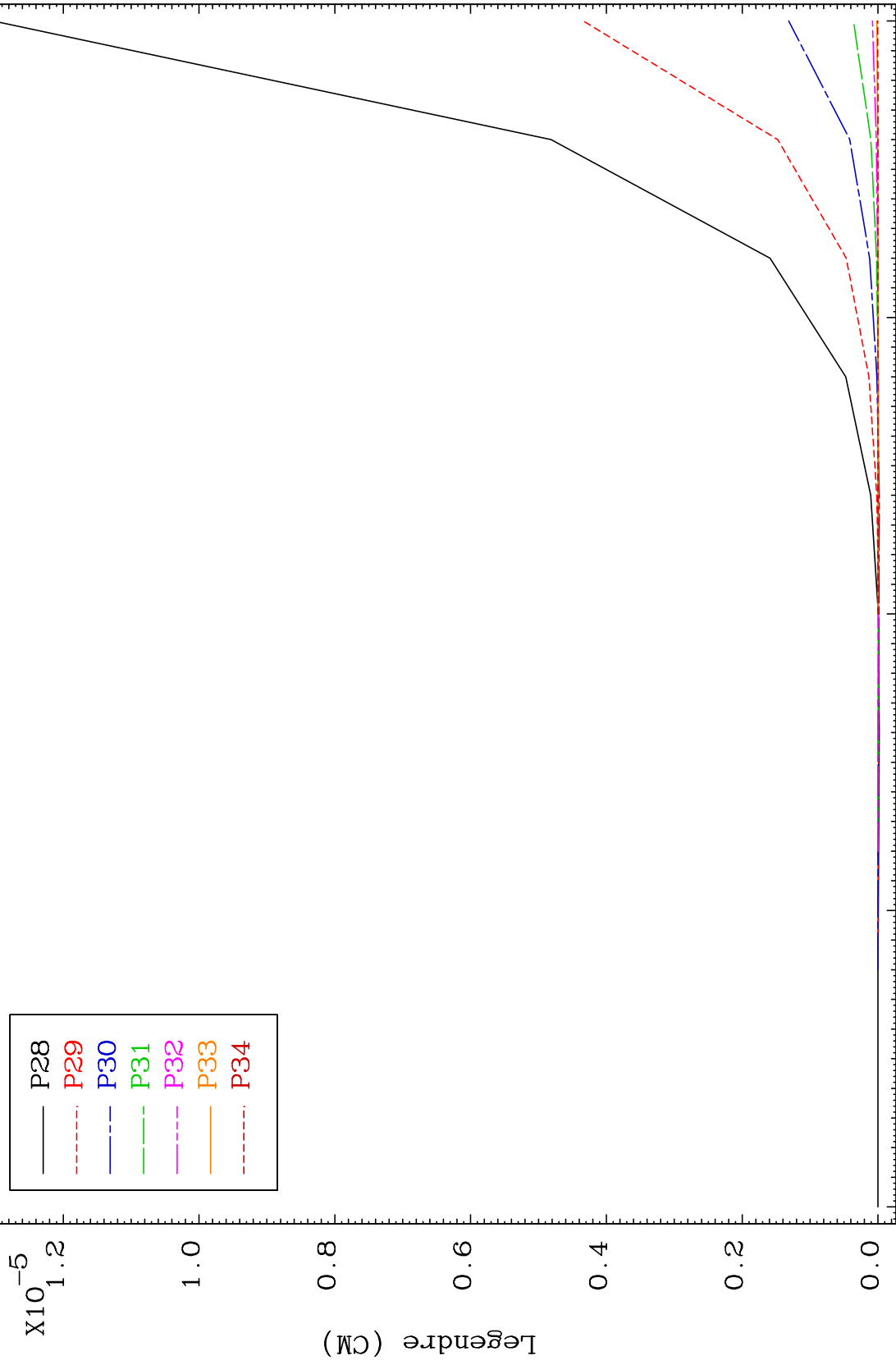
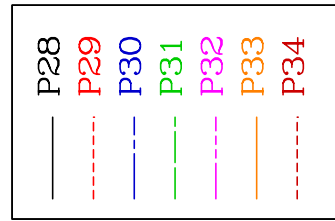
Incident Energy (MeV)

84-Po-203

MAT 8416

Elastic Legendre Coefficients

84-Po-203



10

15

20

25

30

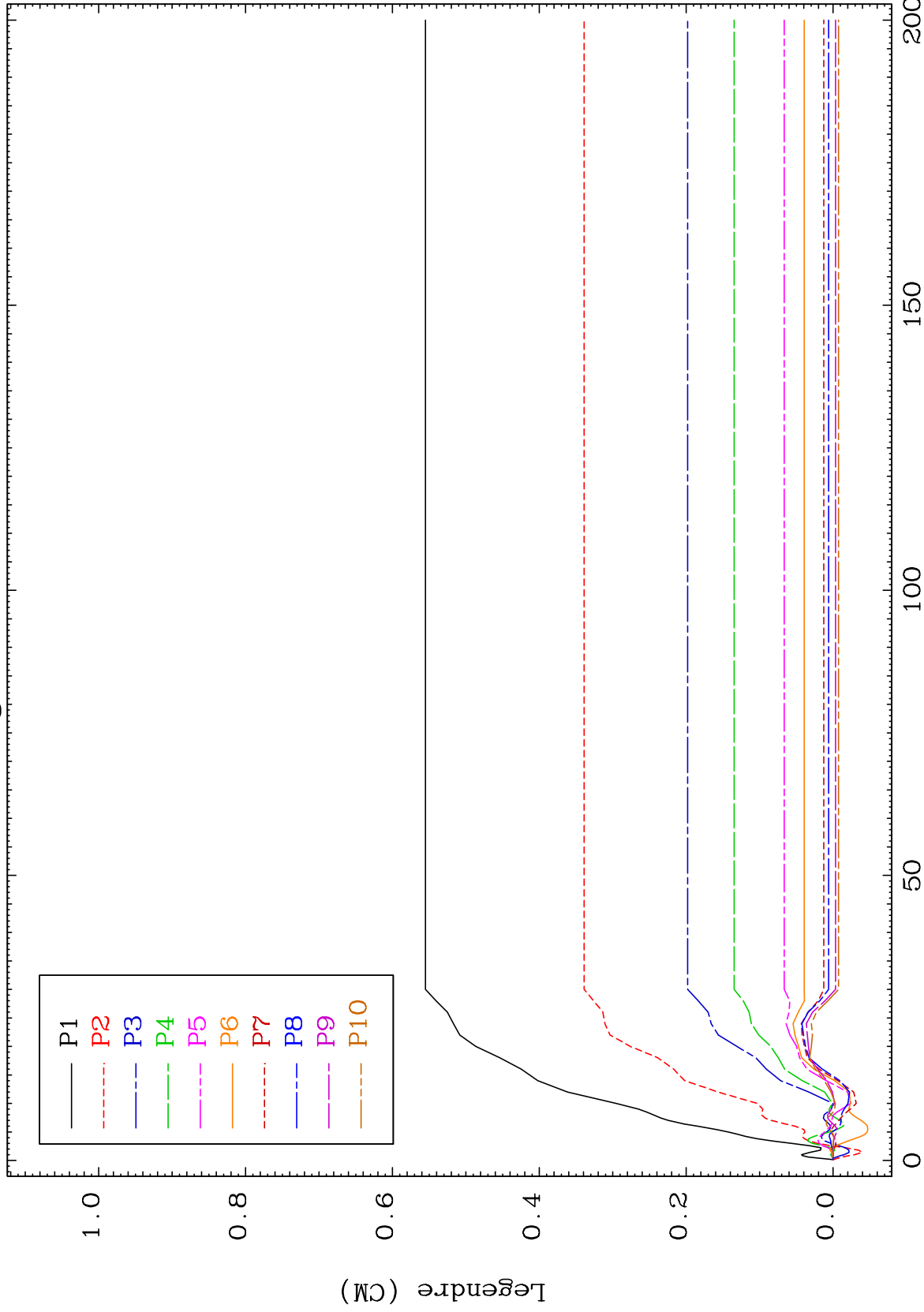
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



19

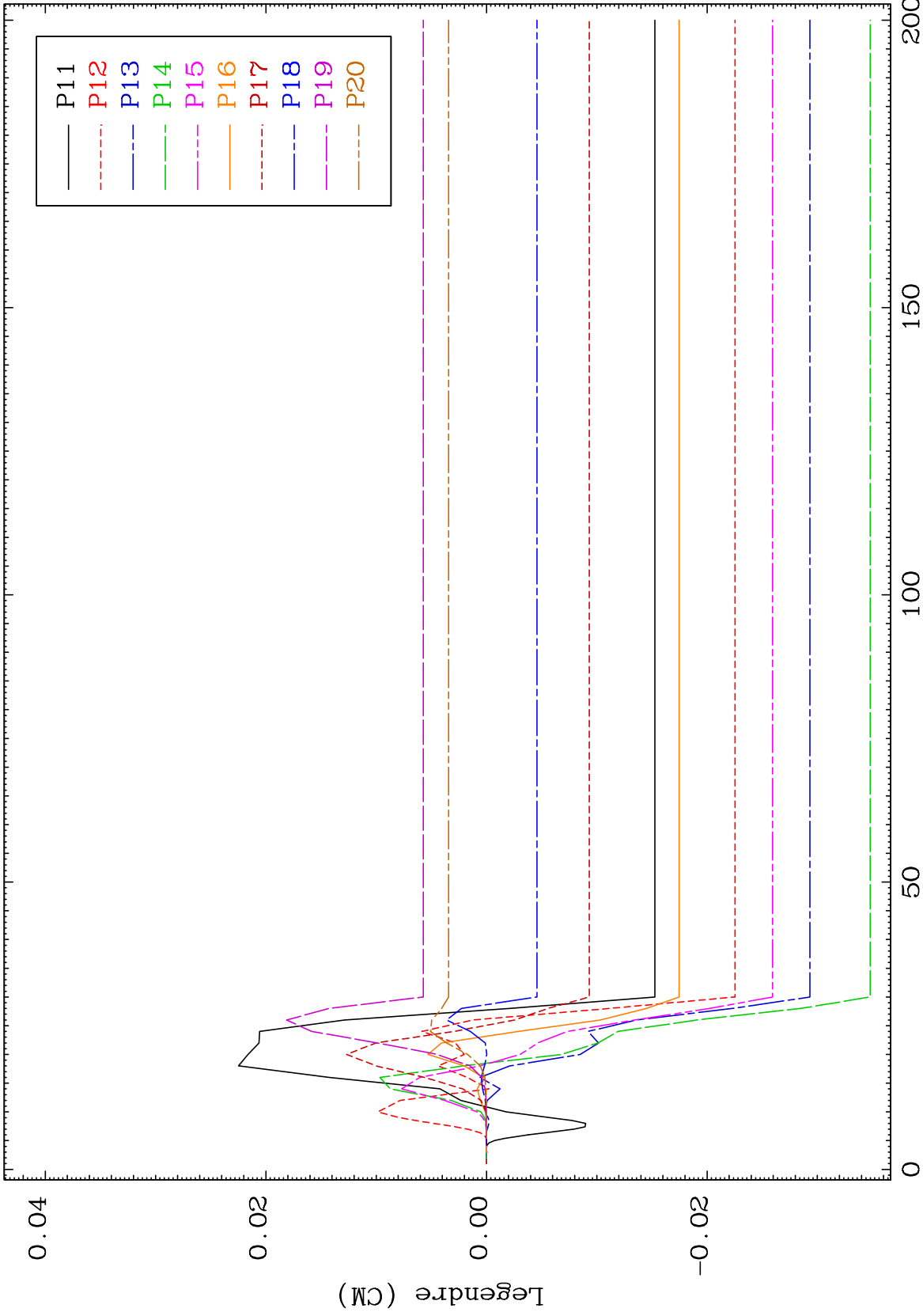
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



0

50

100

150

200

Incident Energy (MeV)

84-Po-203

Legendre (CM)

0.04

0.02

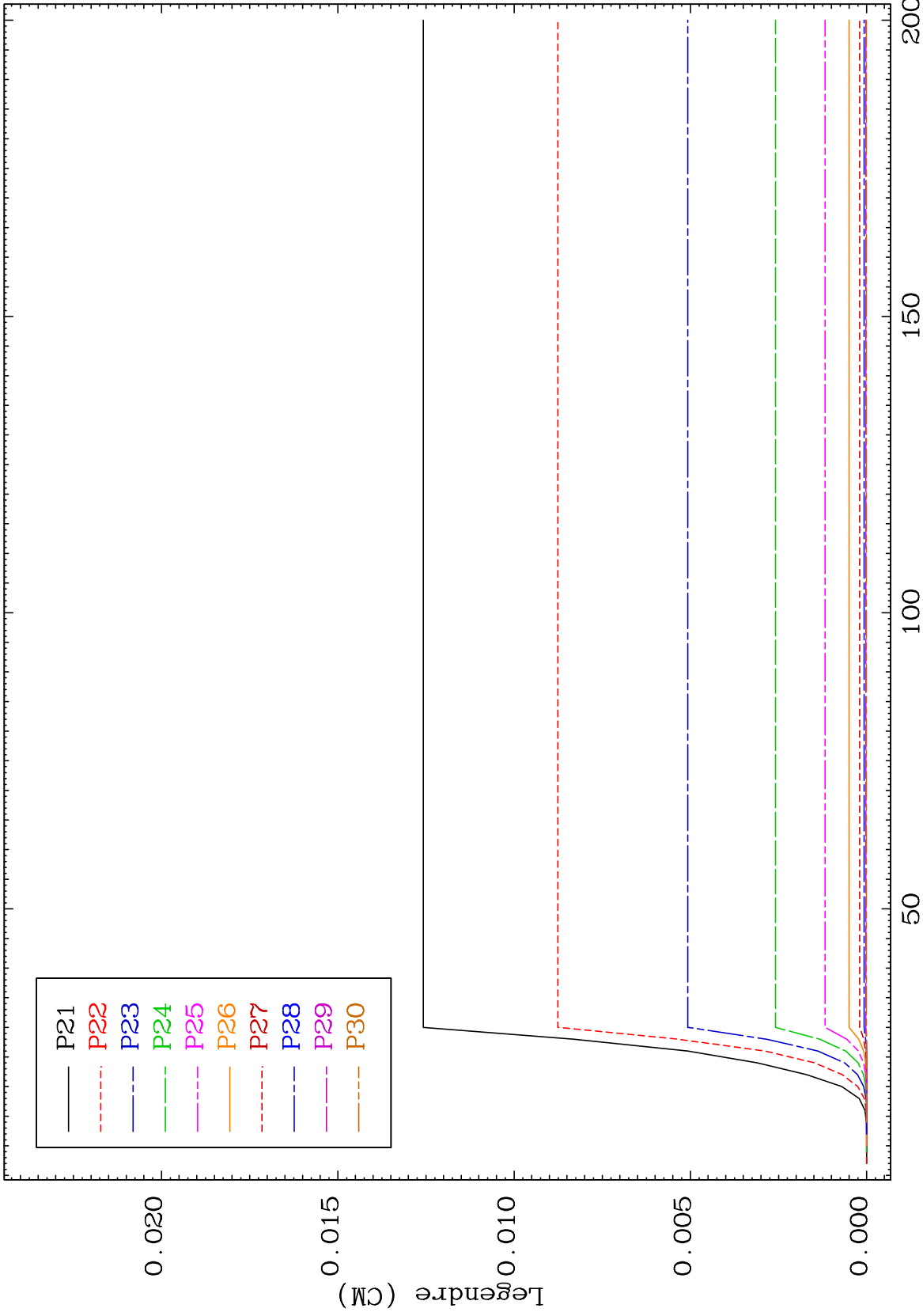
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-0.02

MAT 8416

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

84-Po-203



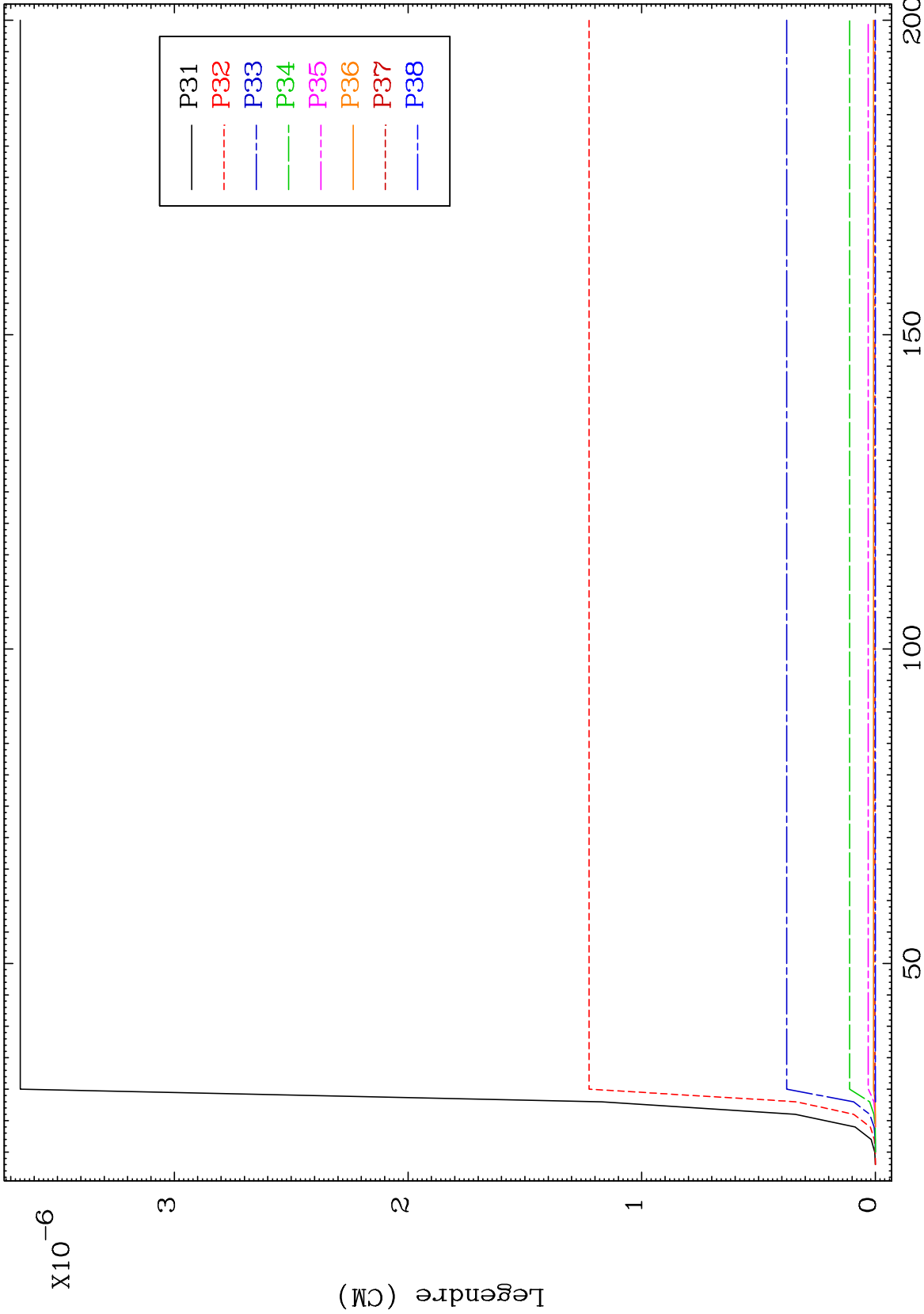
21

84-Po-203

MAT 8416

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

84-Po-203



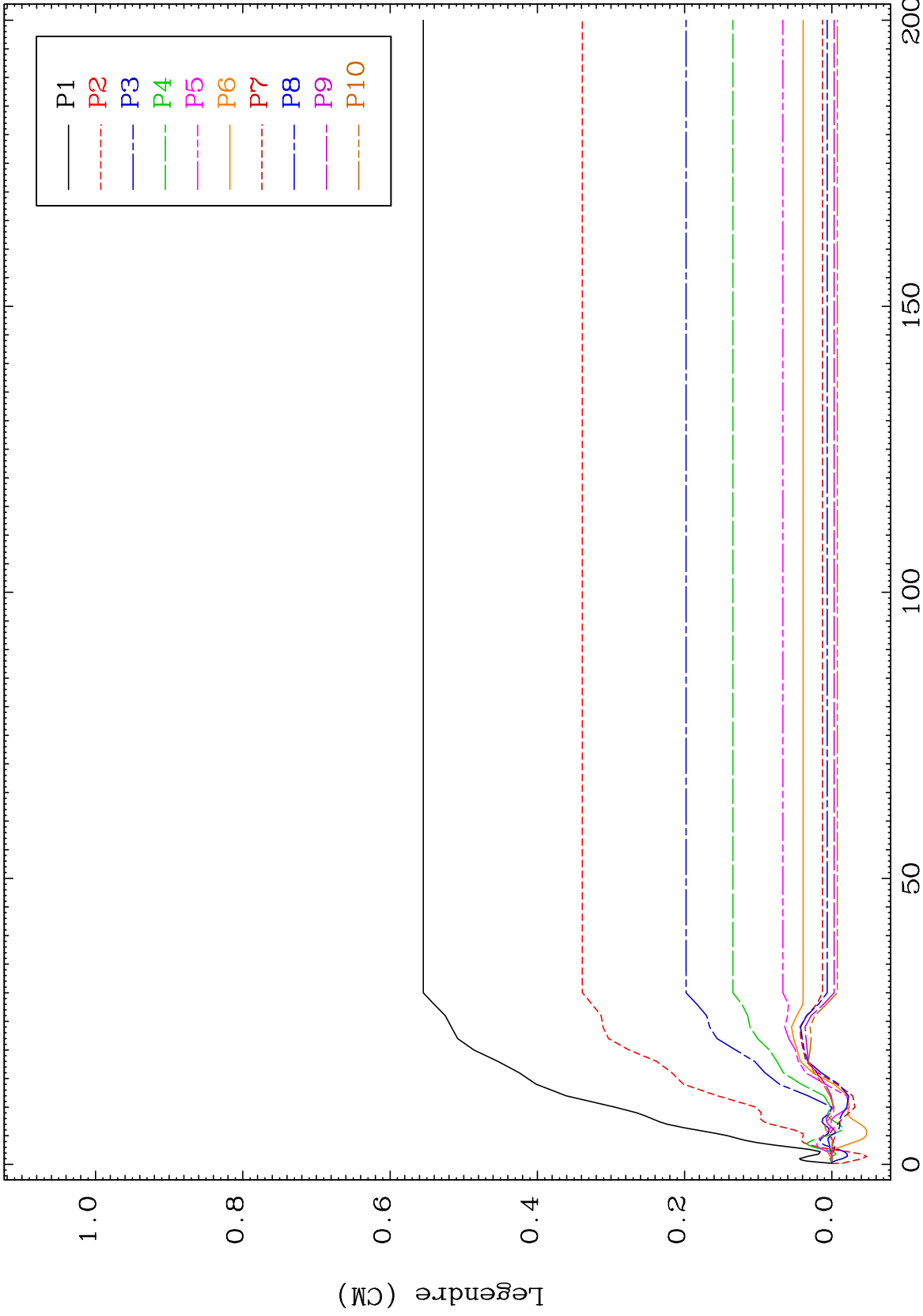
22

84-Po-203

MAT 8416

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

84-Po-203



23

Incident Energy (MeV)

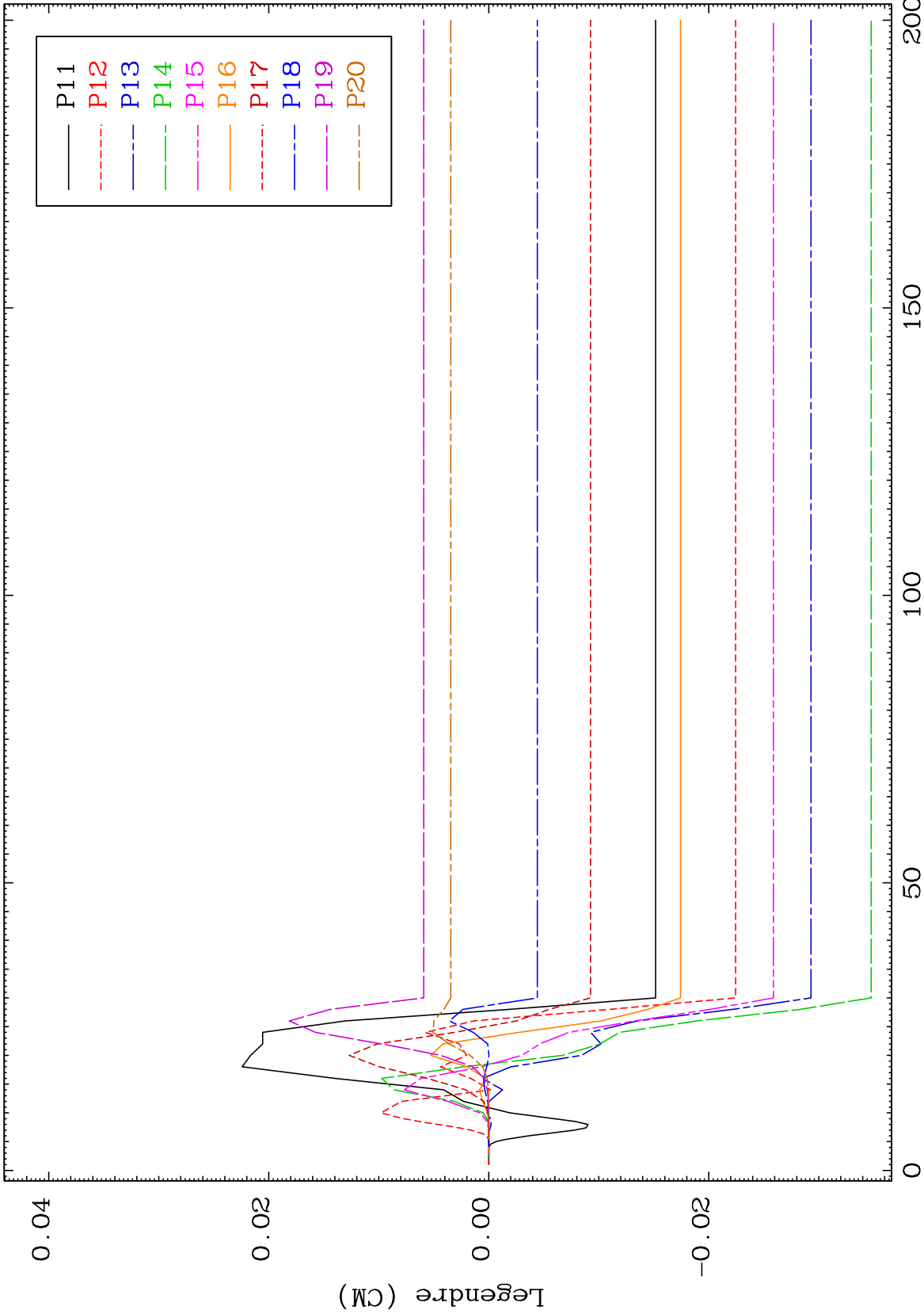
84-Po-203



MAT 8416

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

84-Po-203



24

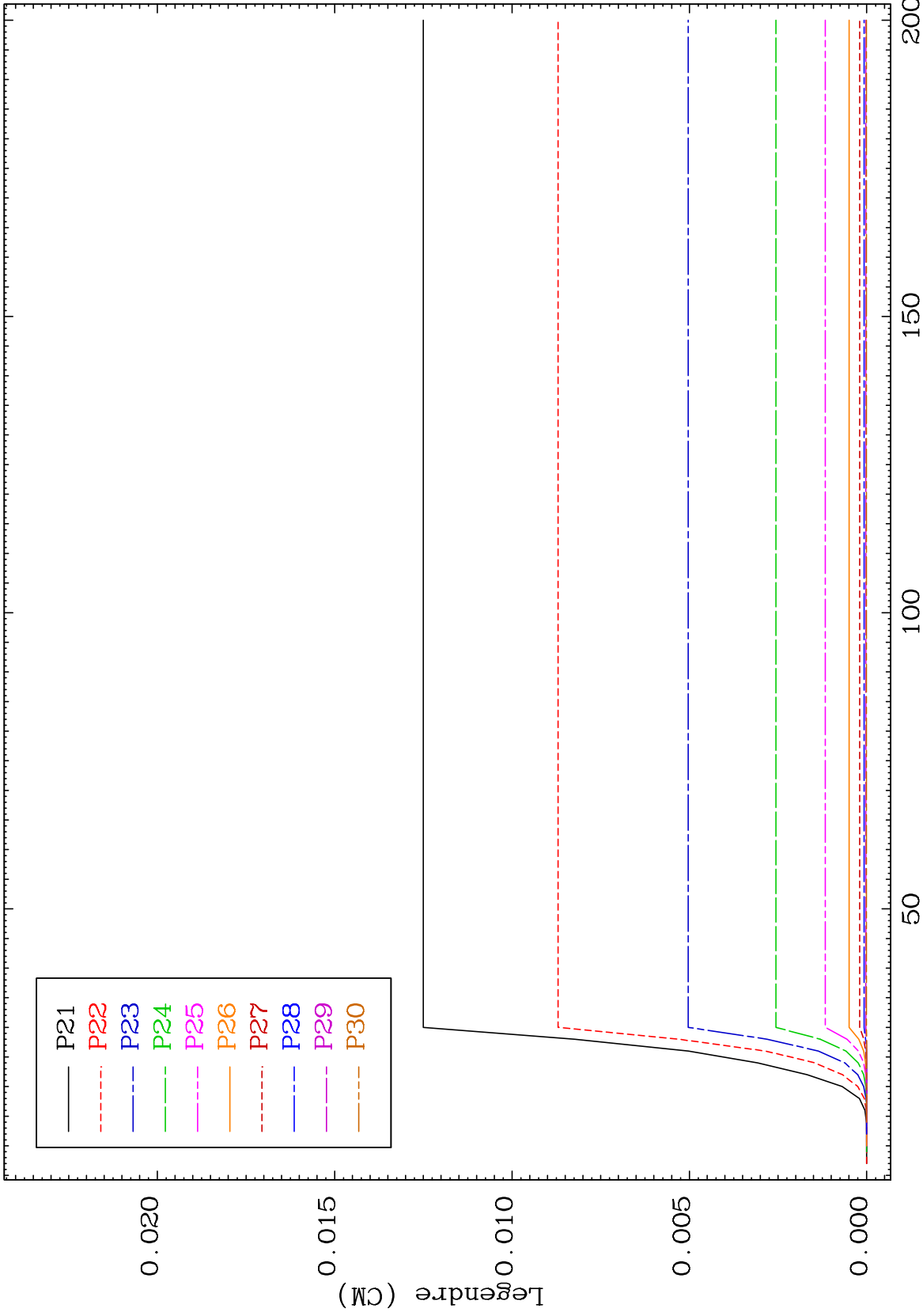
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



25

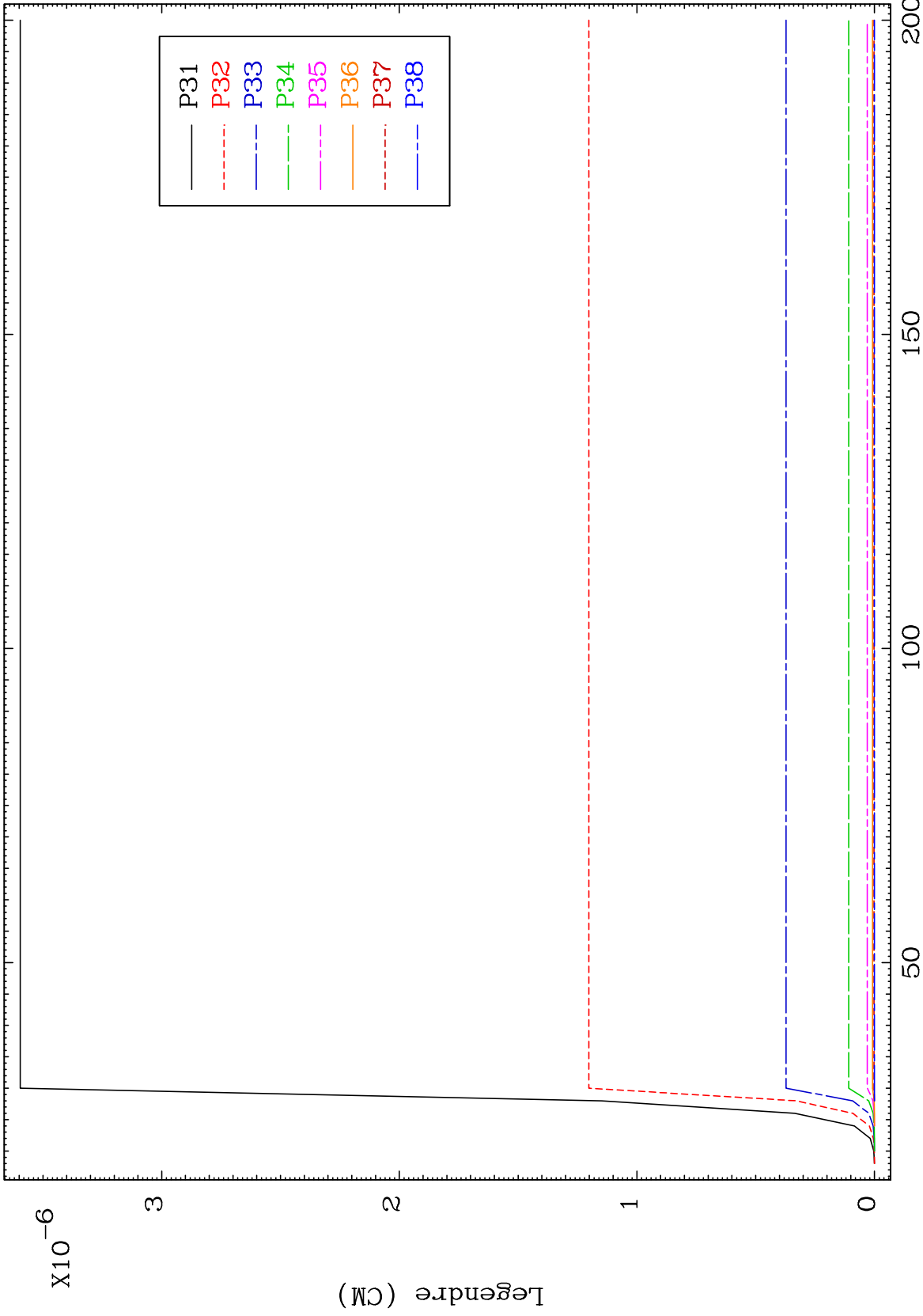
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



26

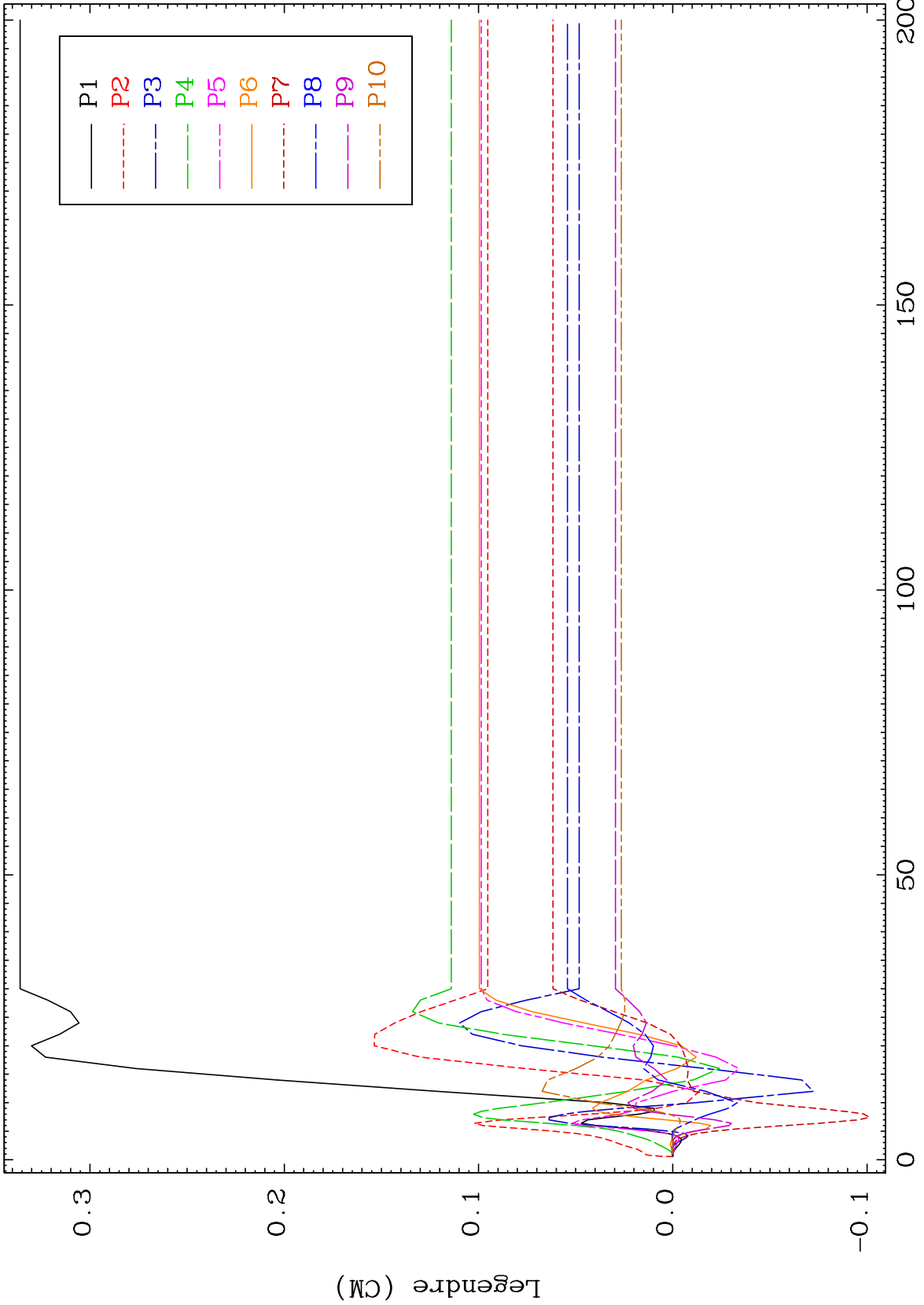
84-Po-203

84-Po-203

MAT 8416

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

84-Po-203



27

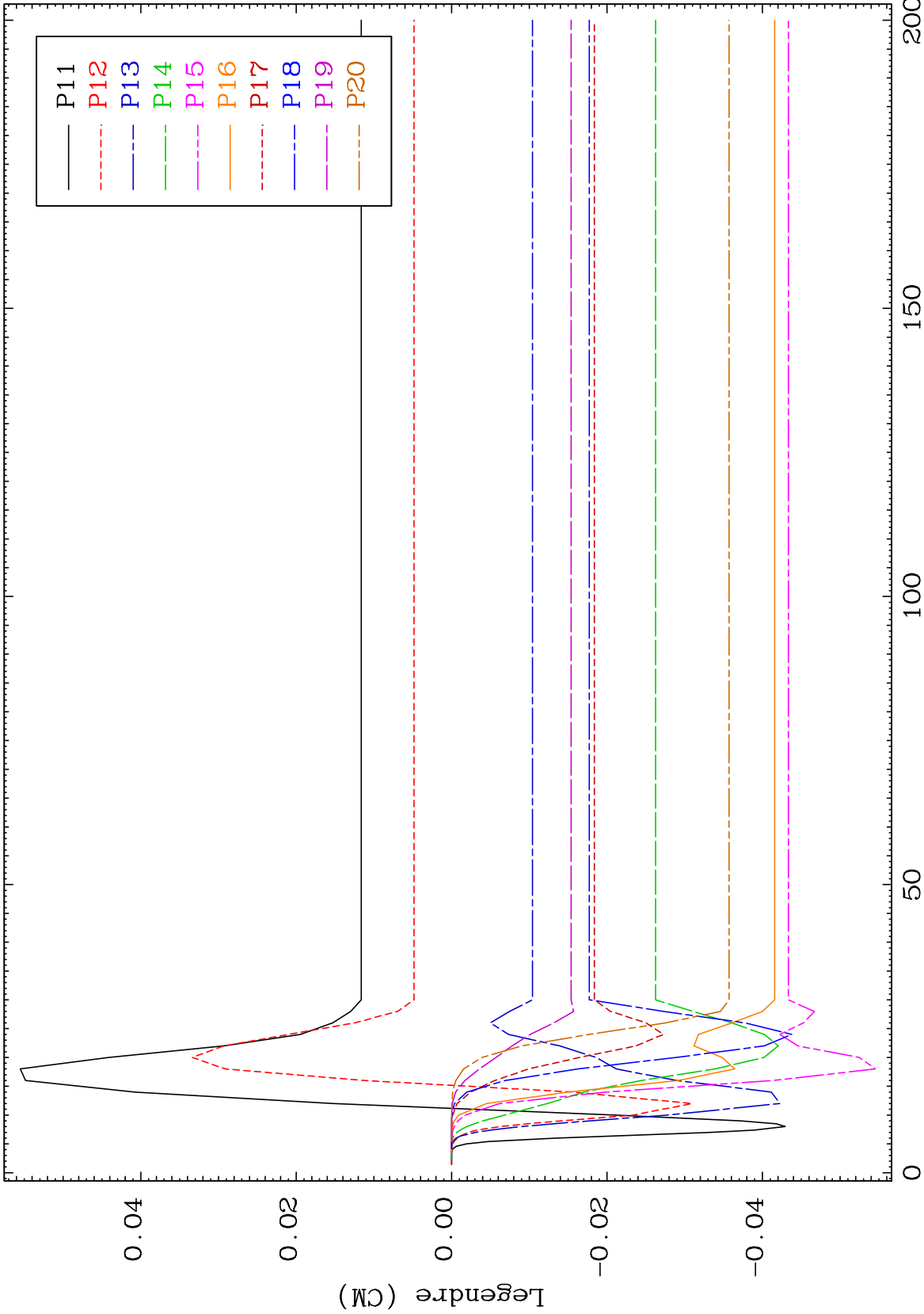
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



28

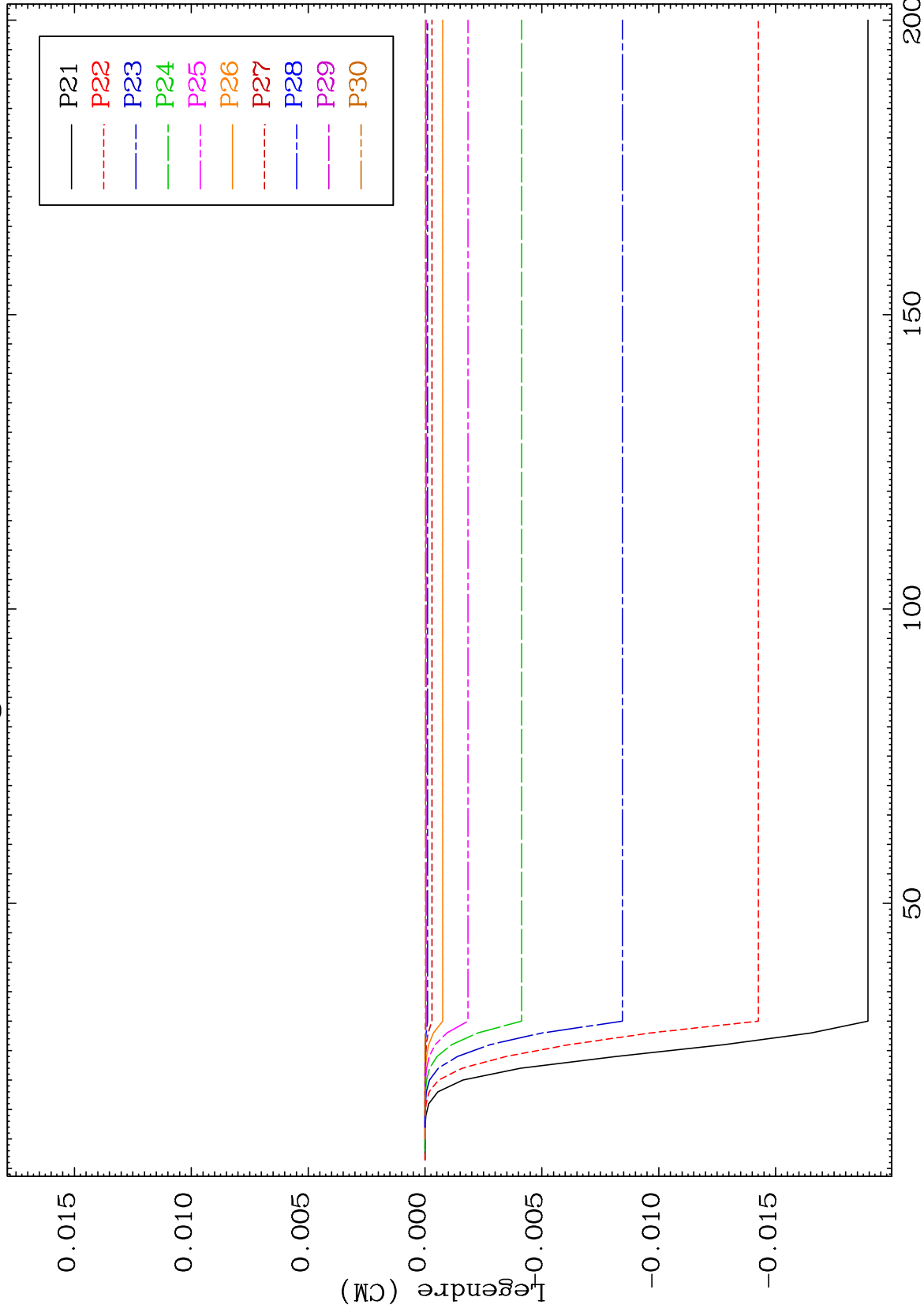
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



29

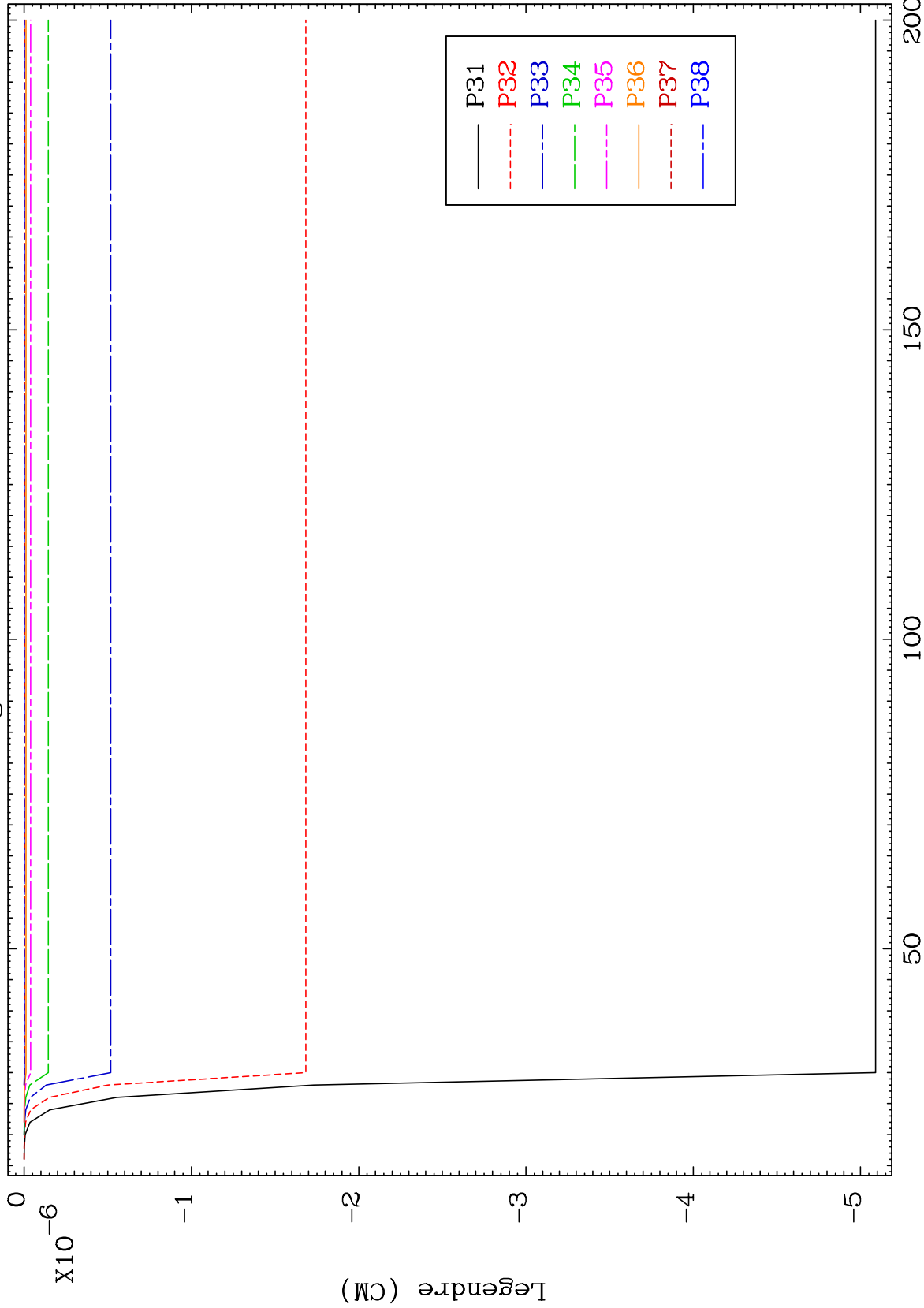
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



30

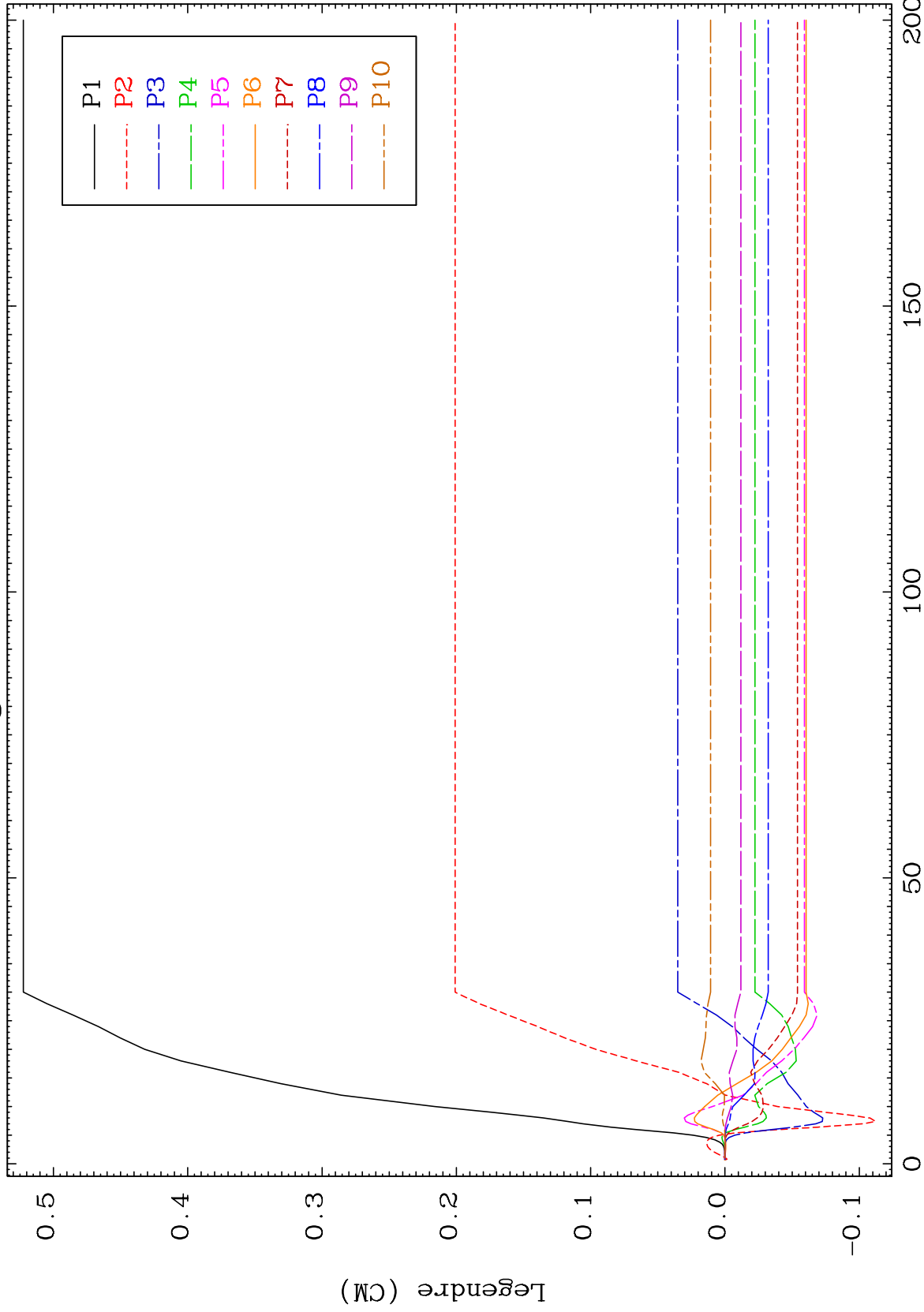
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



31

Incident Energy (MeV)

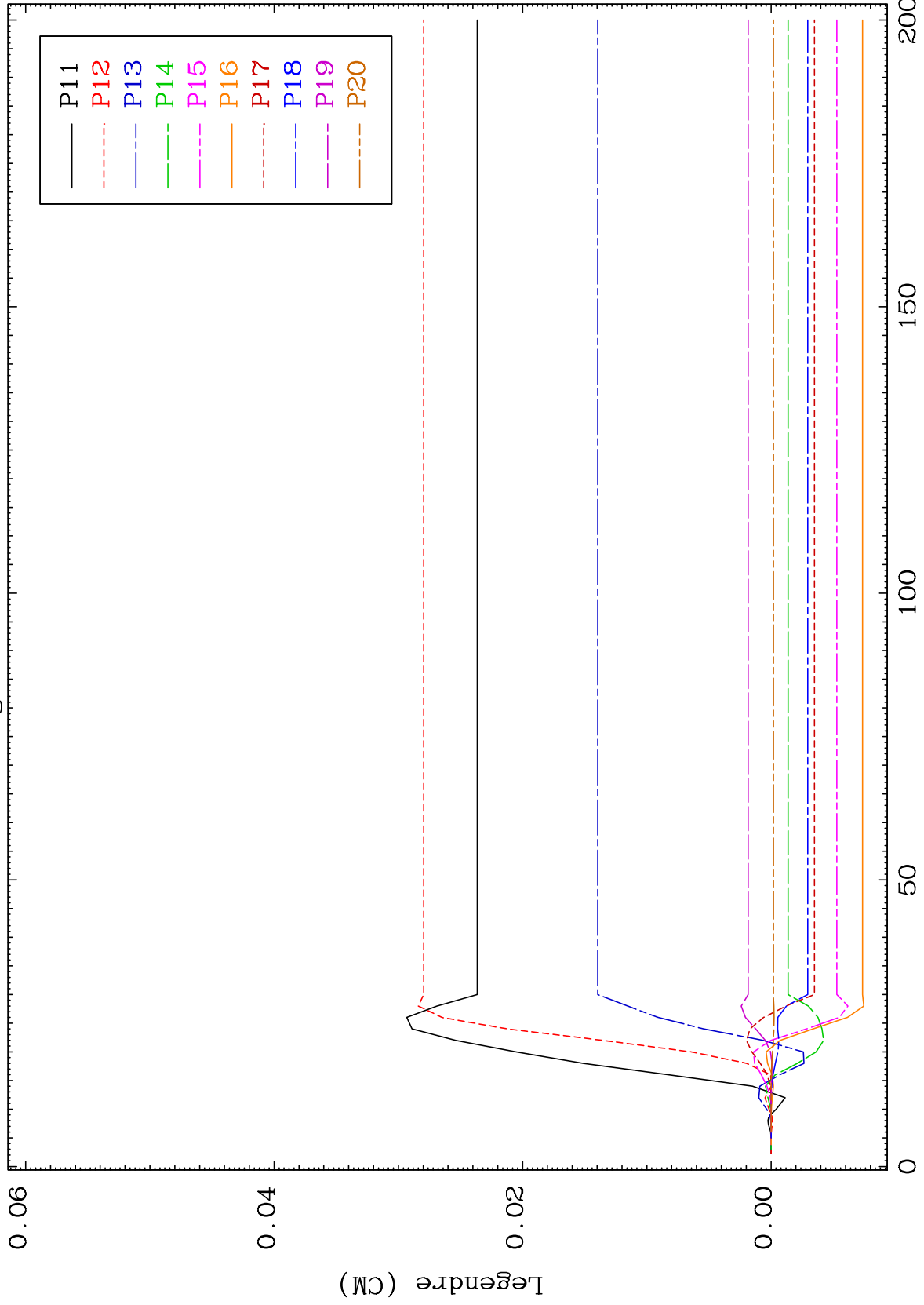
84-Po-203



MAT 8416

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

84-Po-203



32

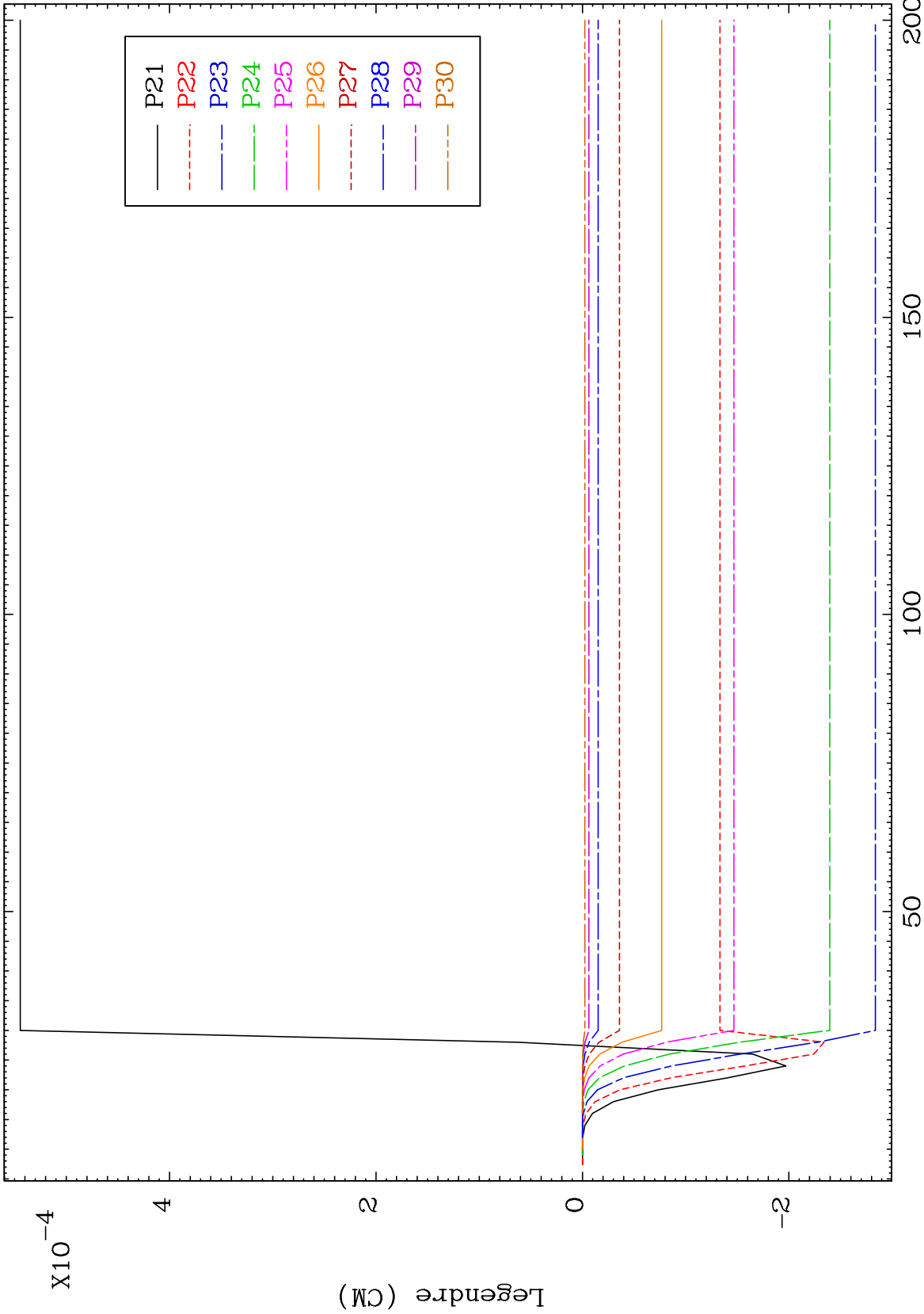
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



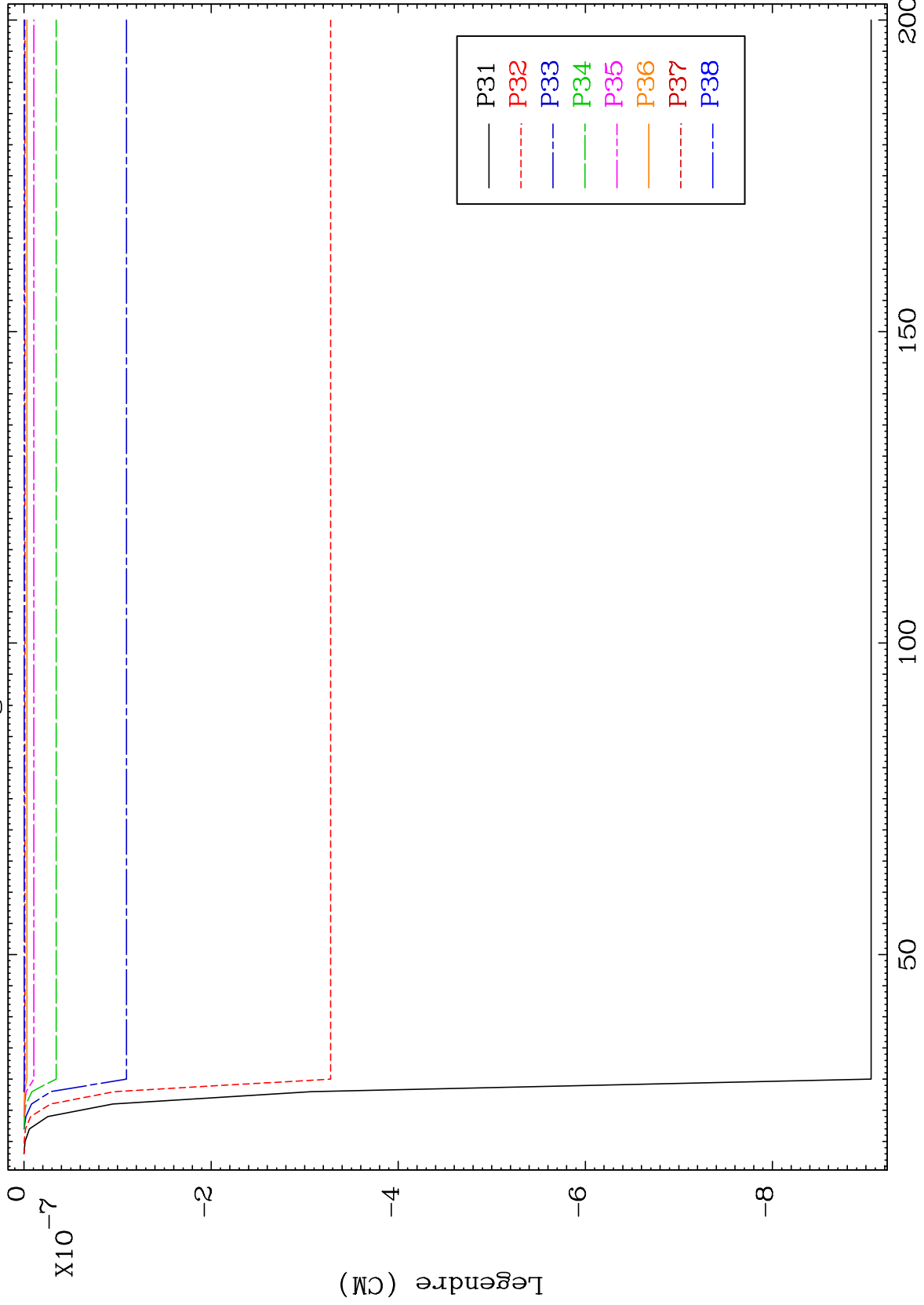
33

84-Po-203

MAT 8416

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

84-Po-203



84-Po-203

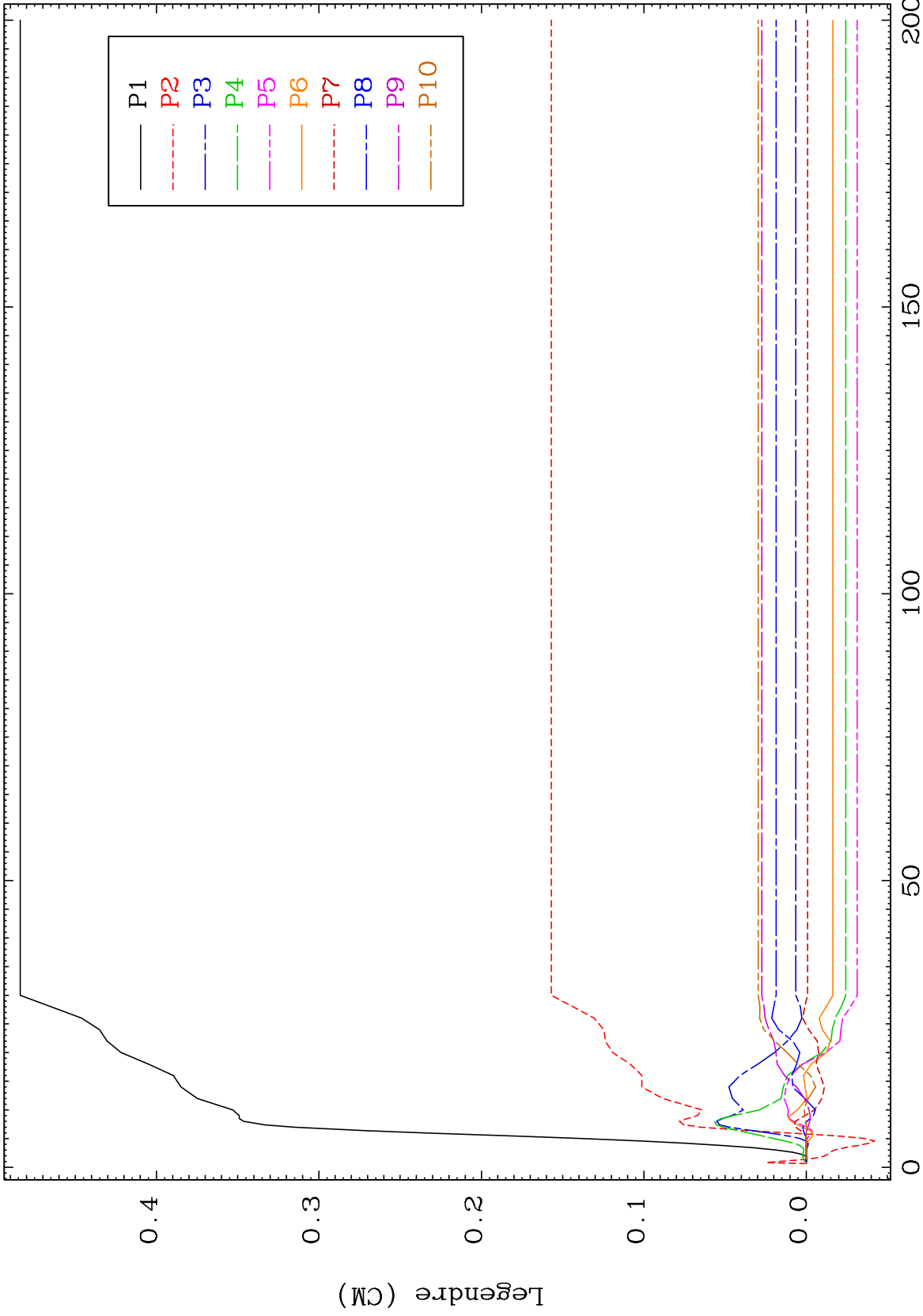
Incident Energy (MeV)

34

MAT 8416

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

84-Po-203



35

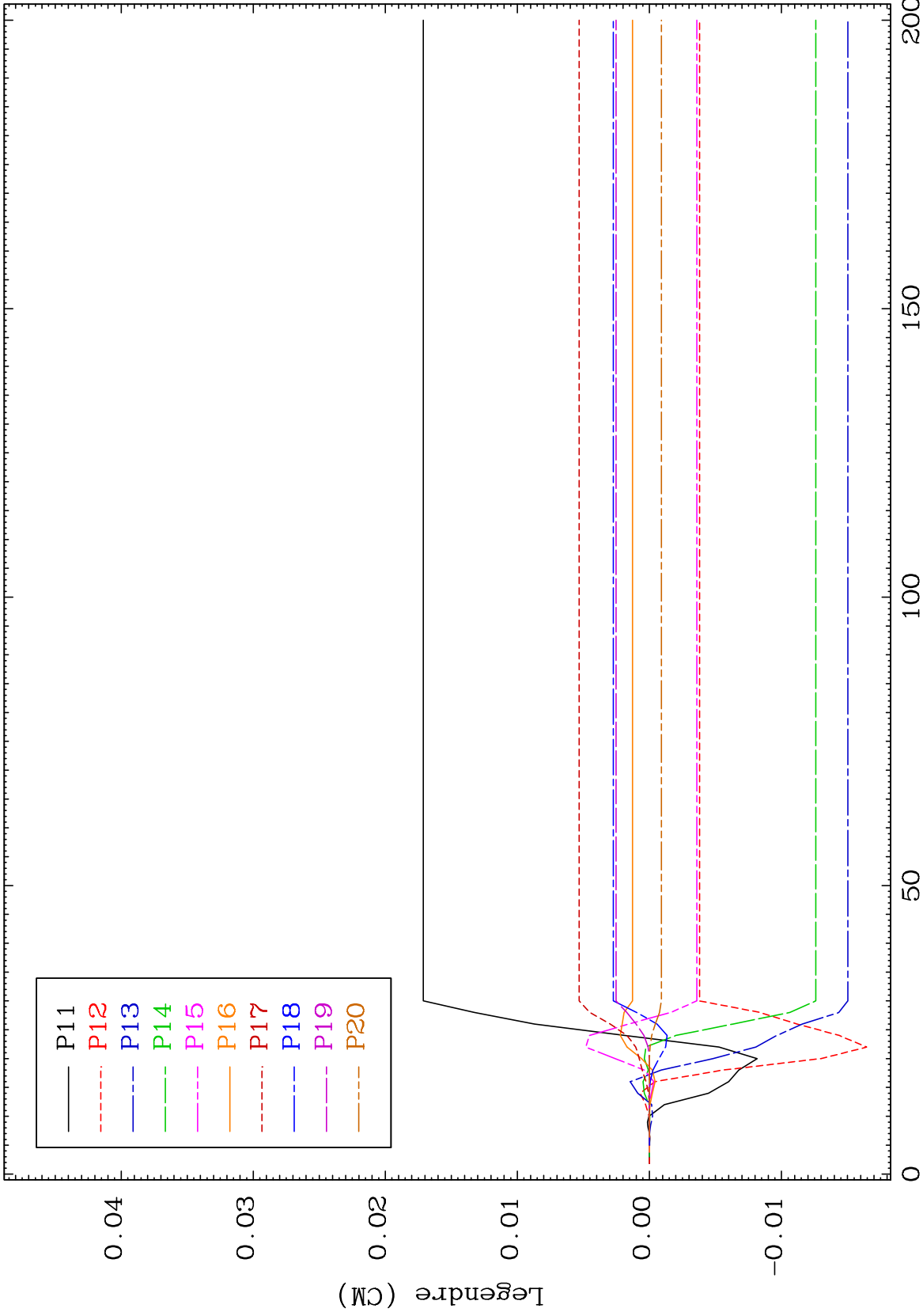
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



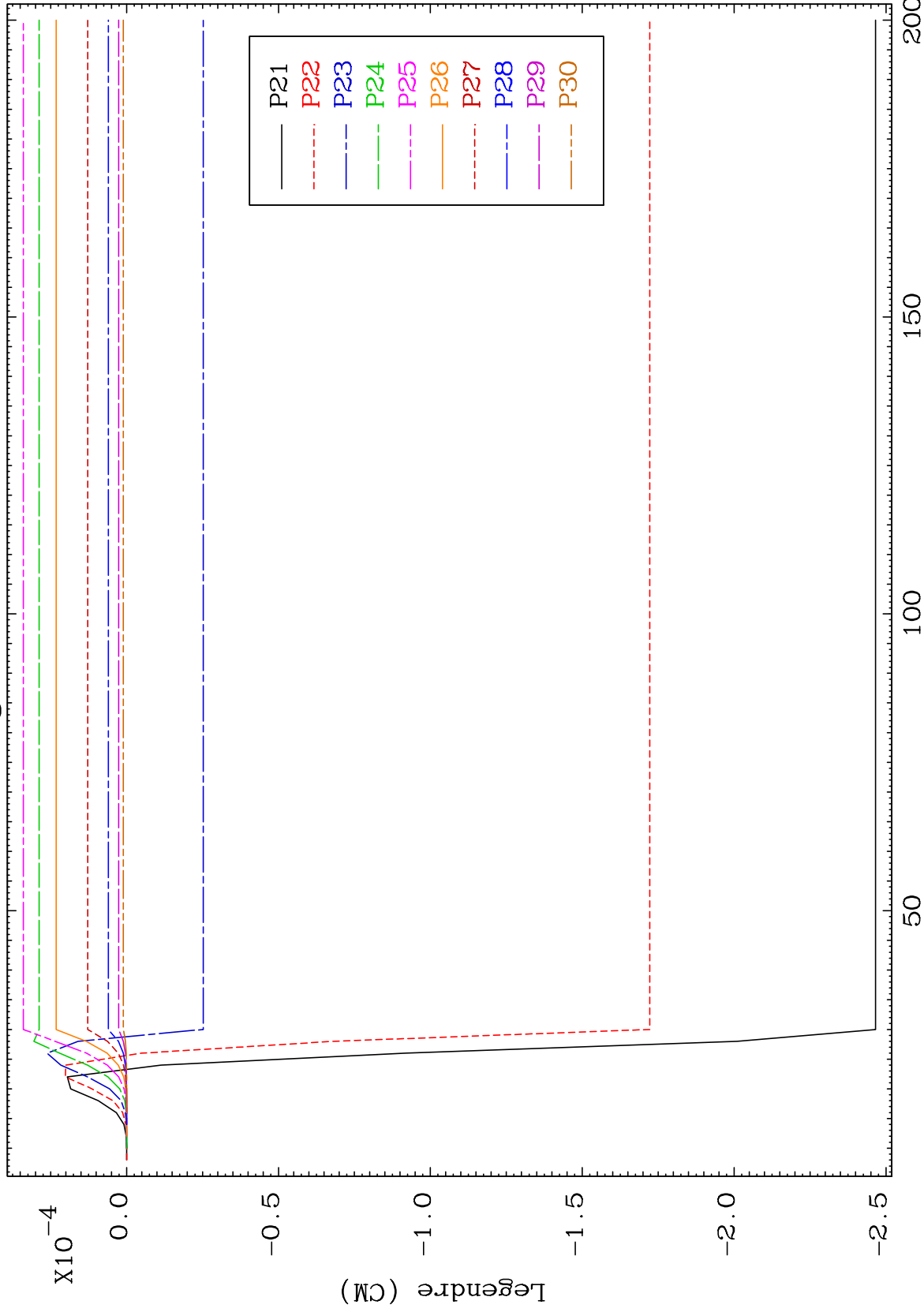
36

84-Po-203

MAT 8416

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

84-Po-203



37

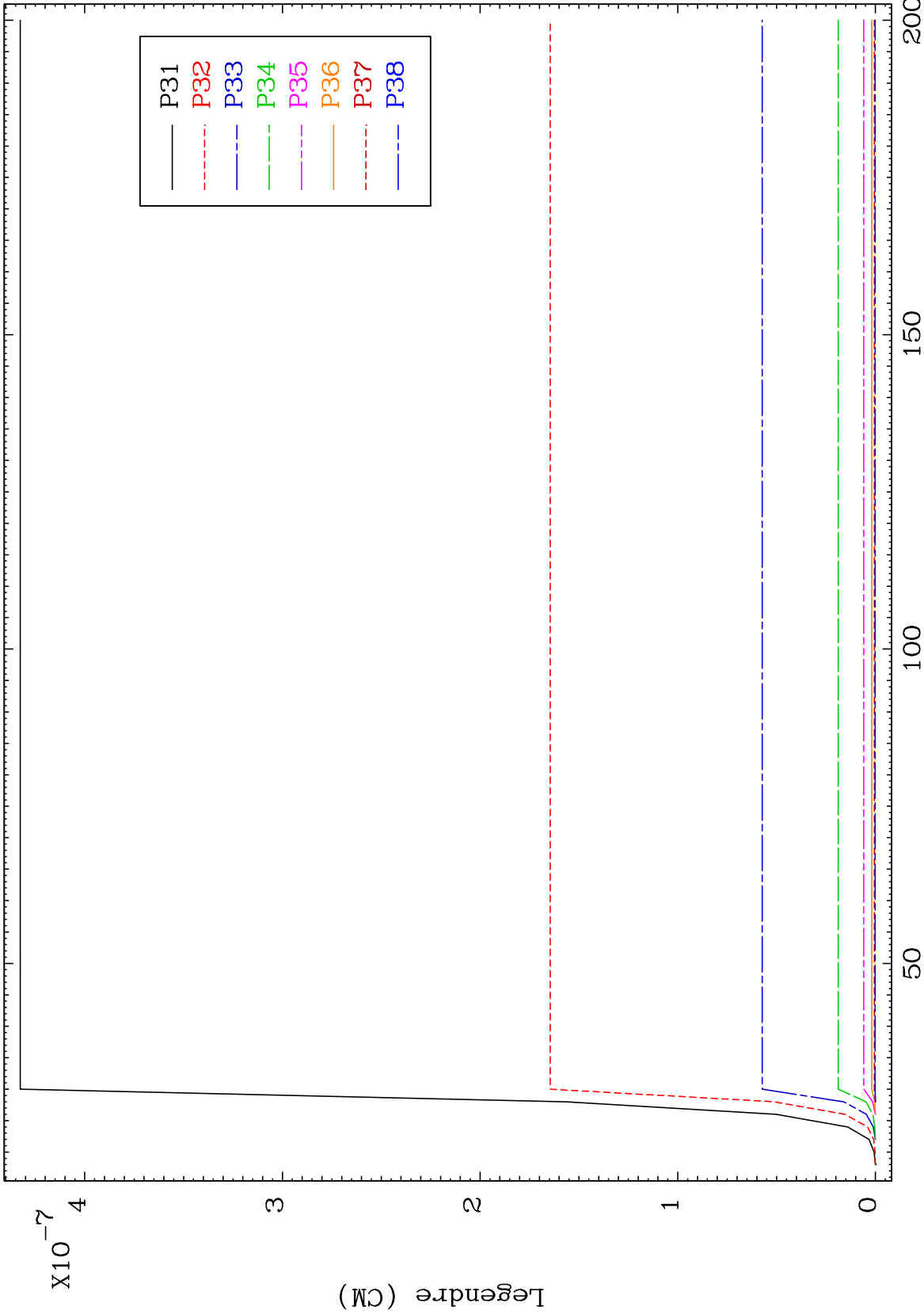
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



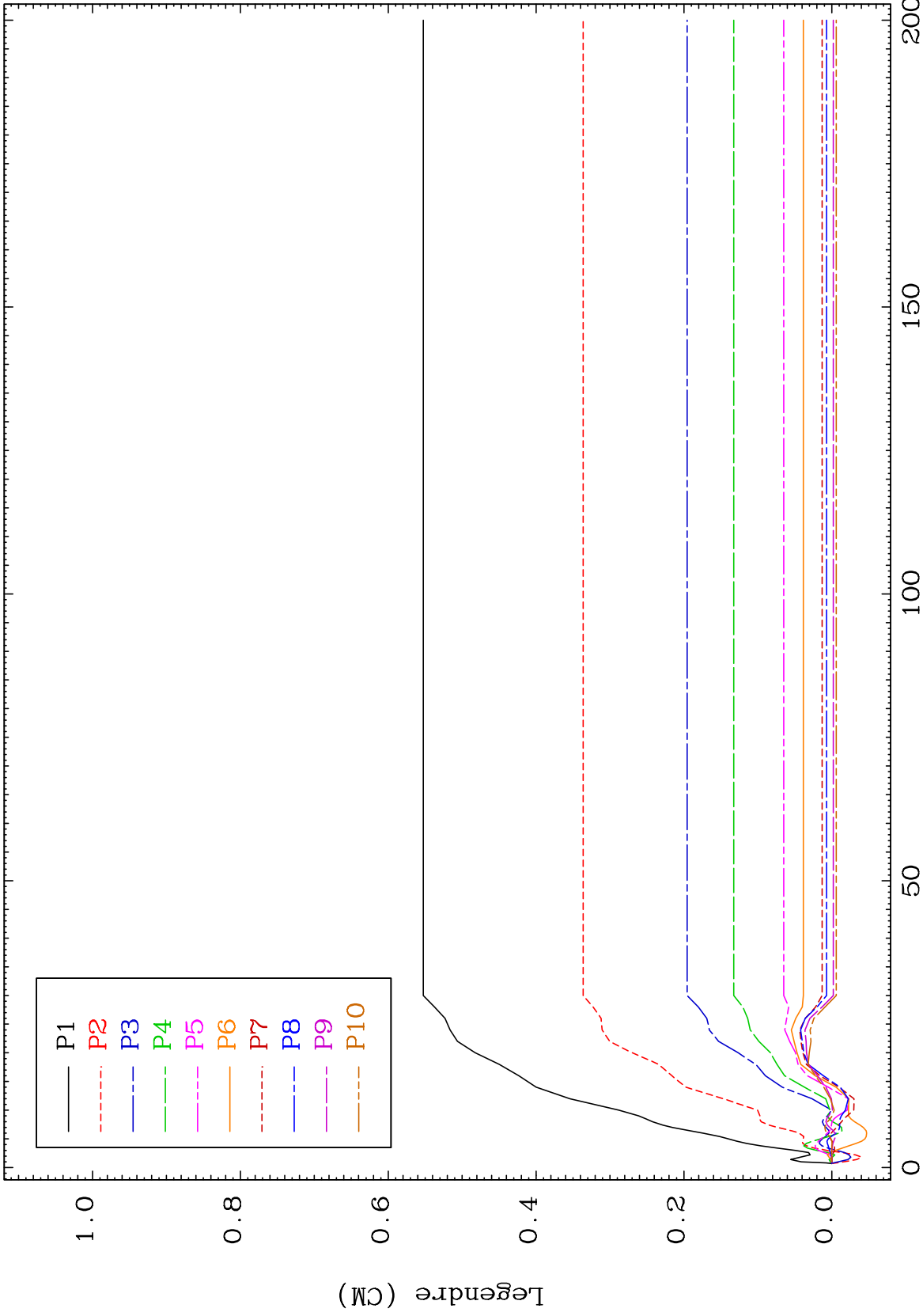
38

84-Po-203

MAT 8416

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

84-Po-203



39

Incident Energy (MeV)

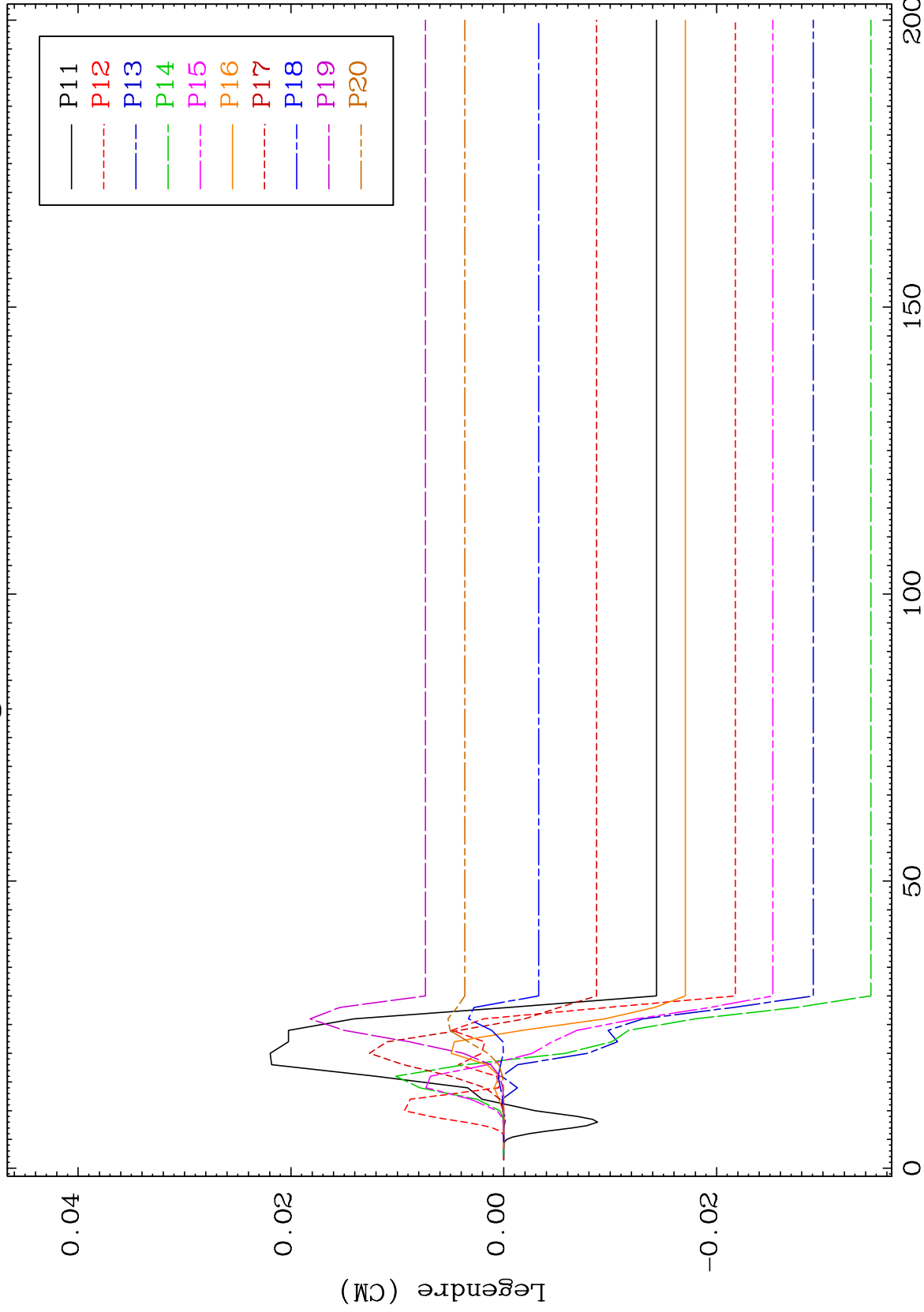
84-Po-203



MAT 8416

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

84-Po-203



40

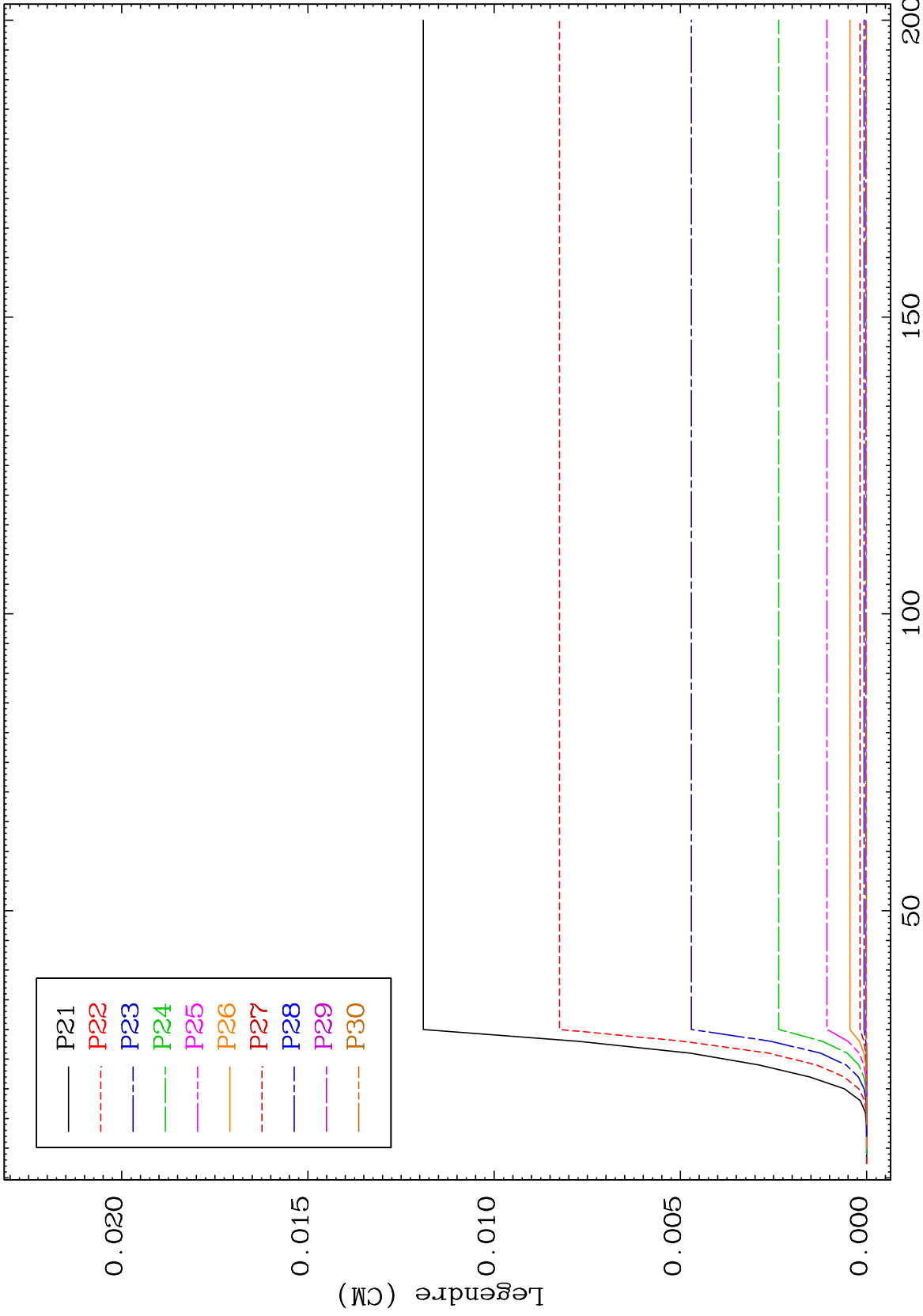
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



41

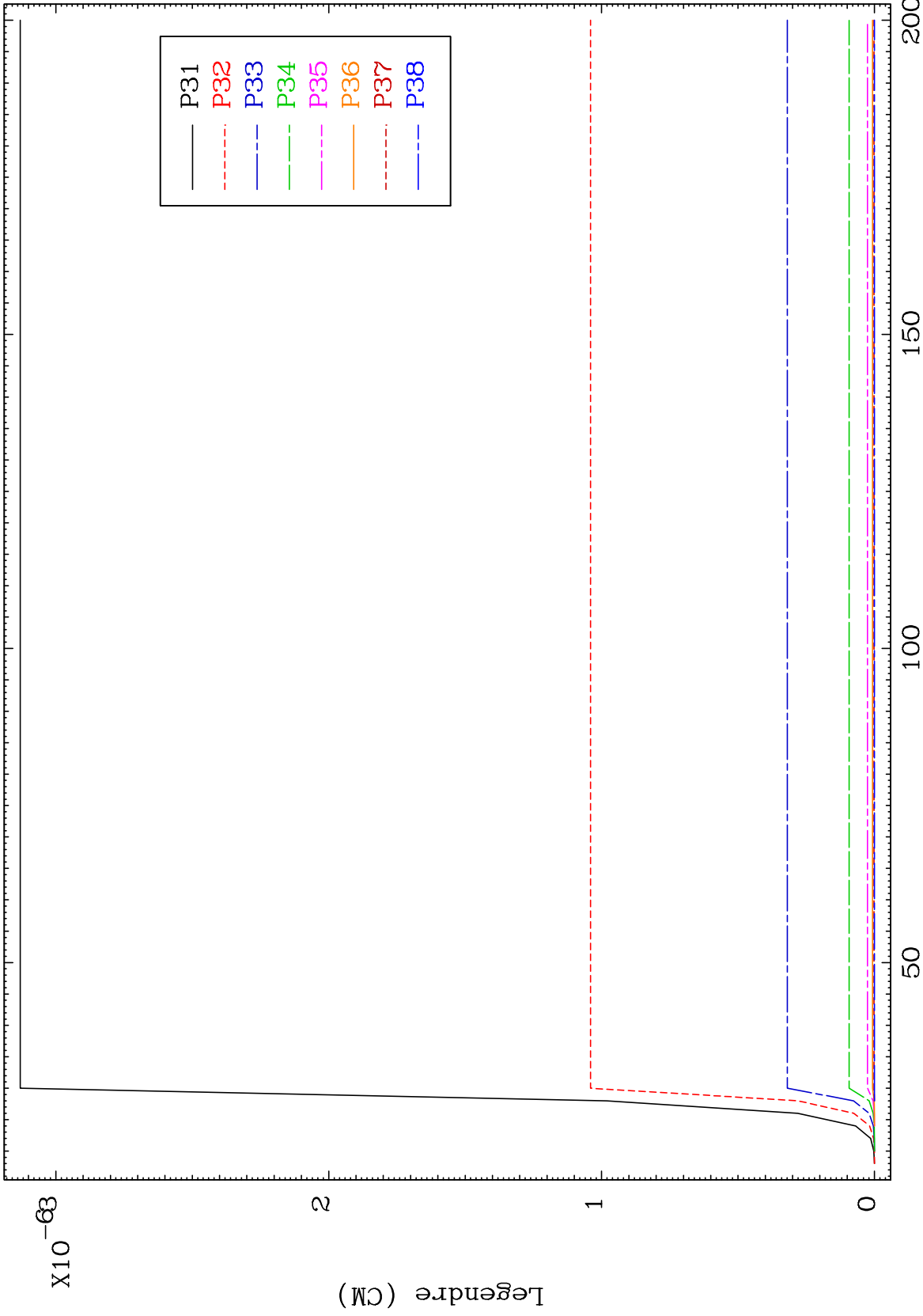
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



42

Incident Energy (MeV)

50

100

150

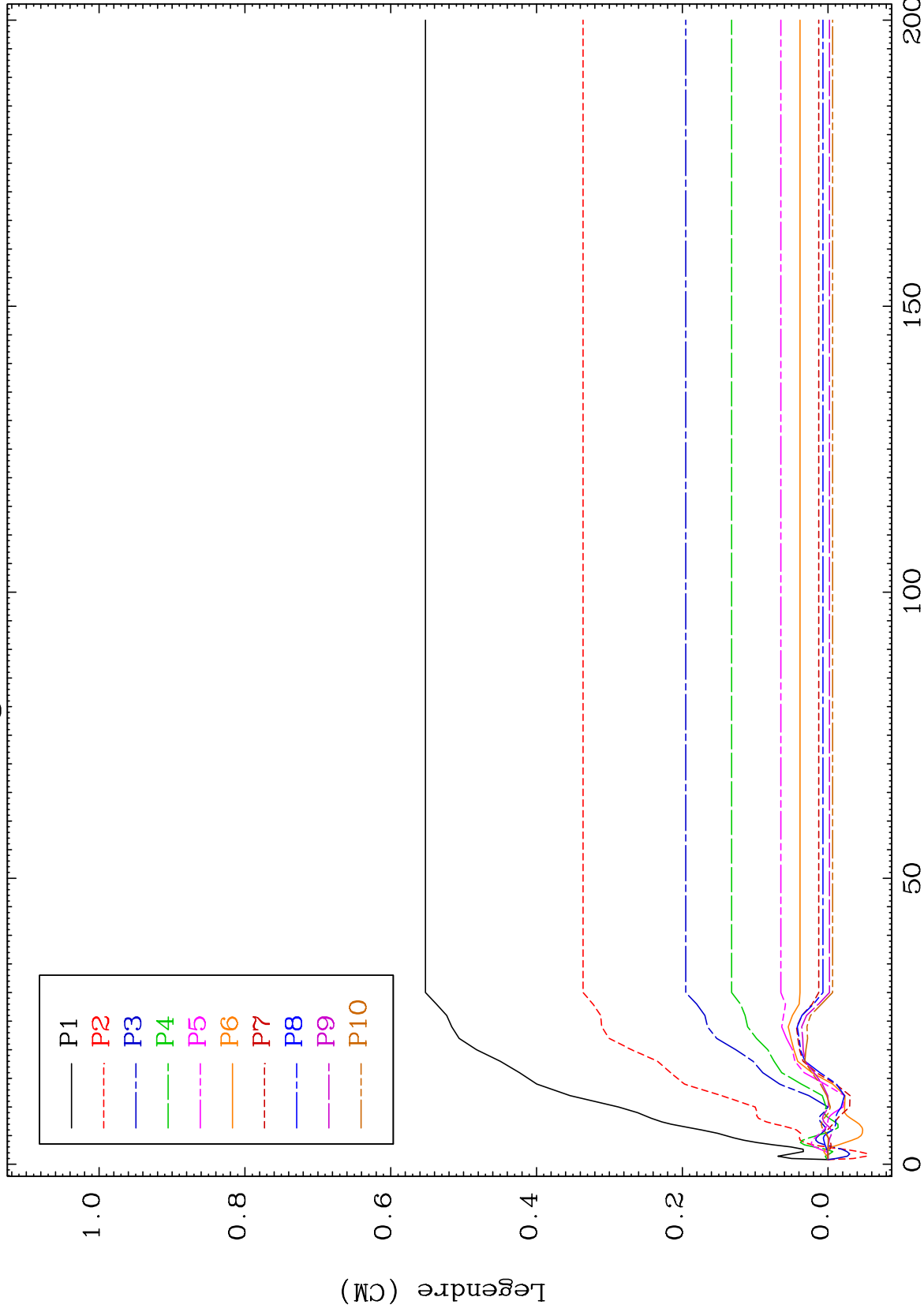
200

84-Po-203

MAT 8416

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

84-Po-203



43

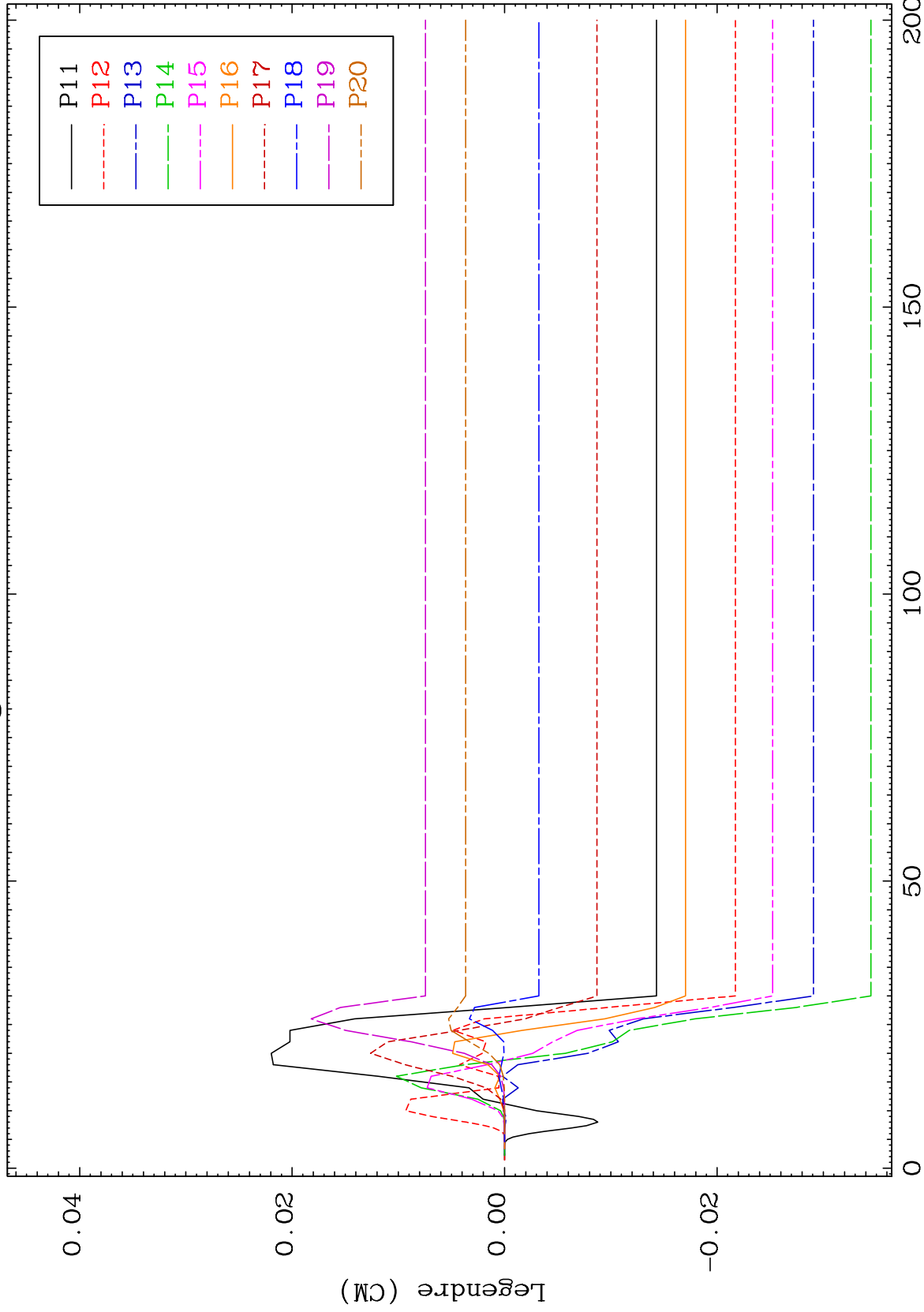
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



44

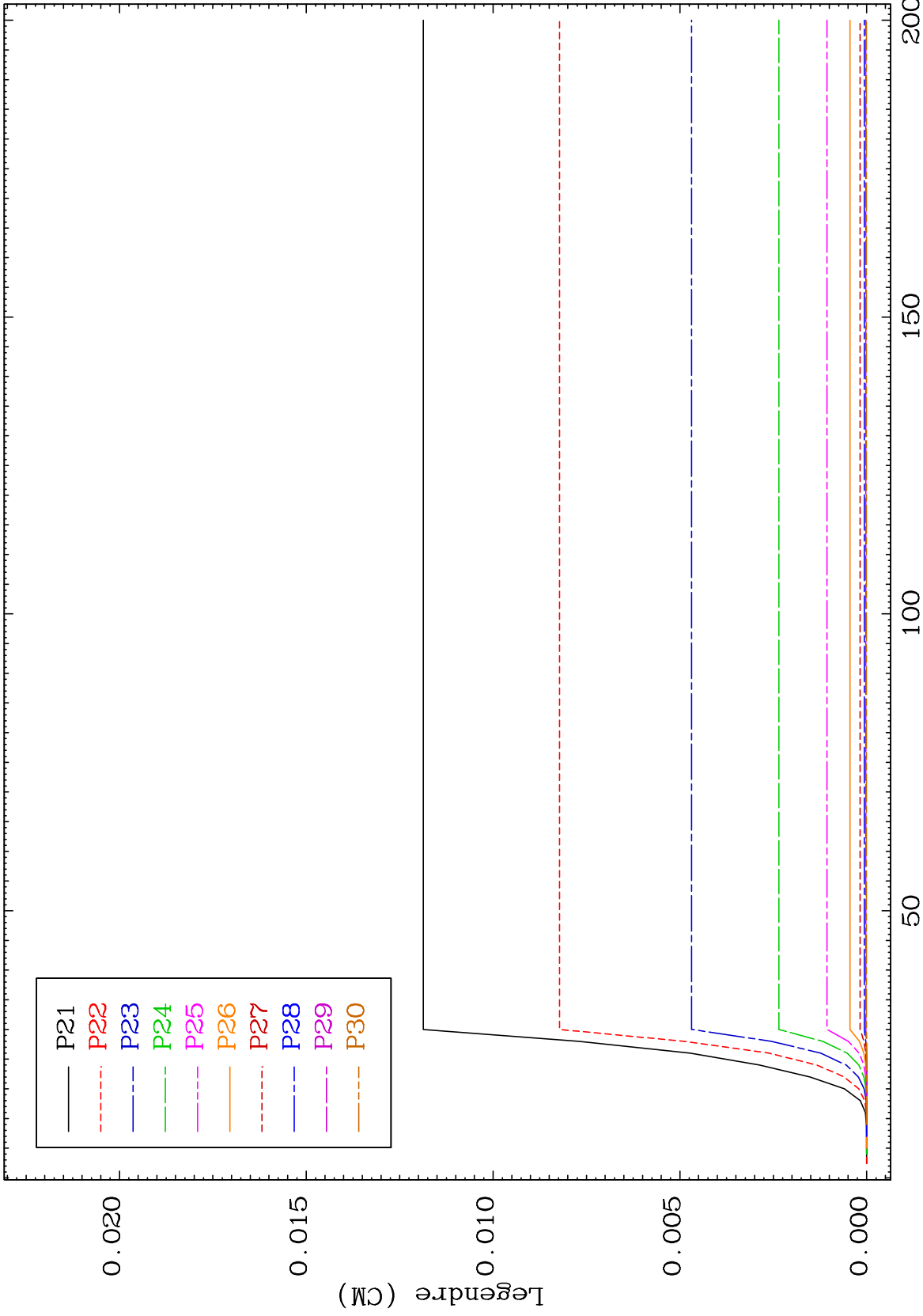
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



45

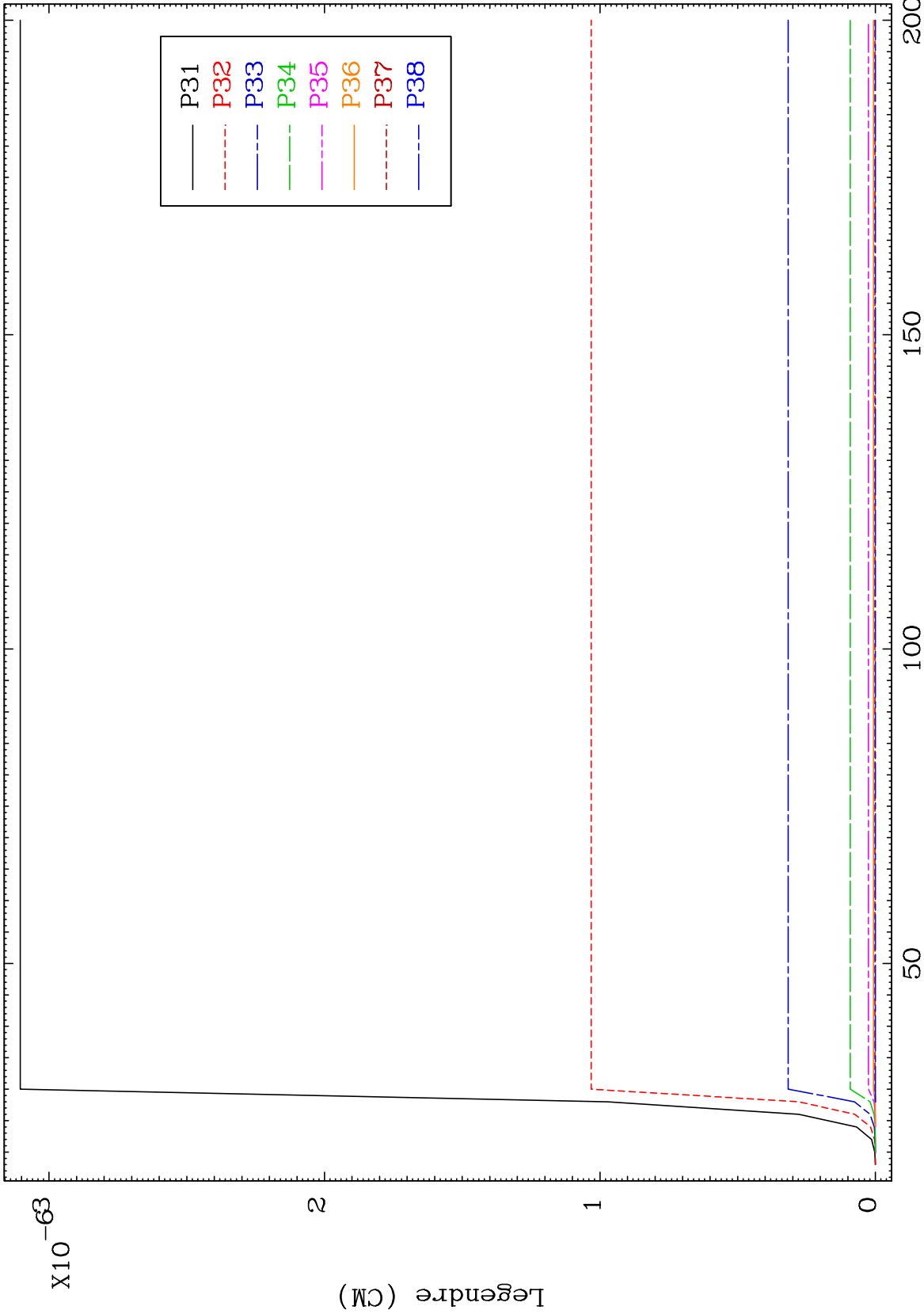
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



46

Incident Energy (MeV)

50

100

150

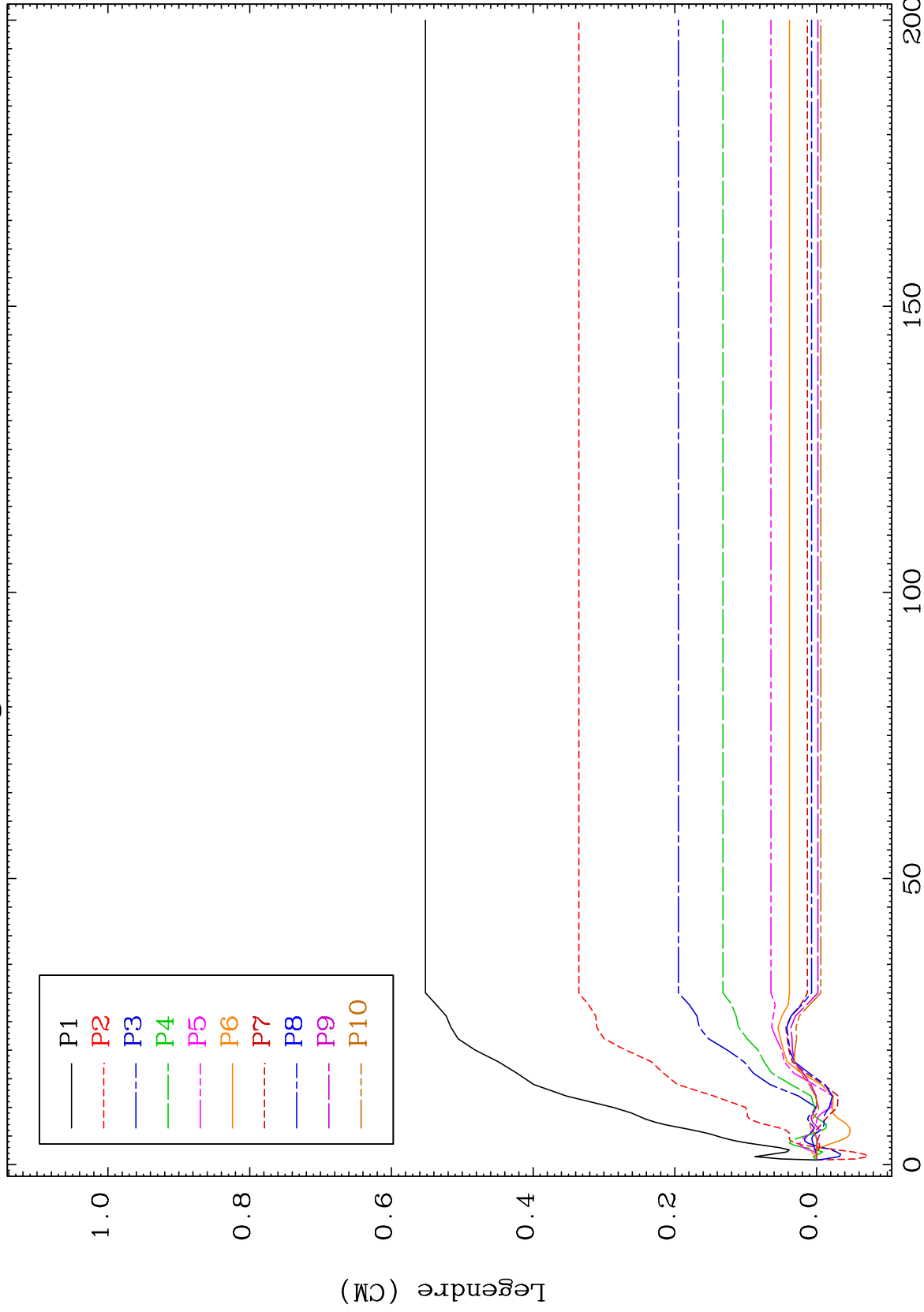
200

84-Po-203

MAT 8416

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

84-Po-203



47

Incident Energy (MeV)

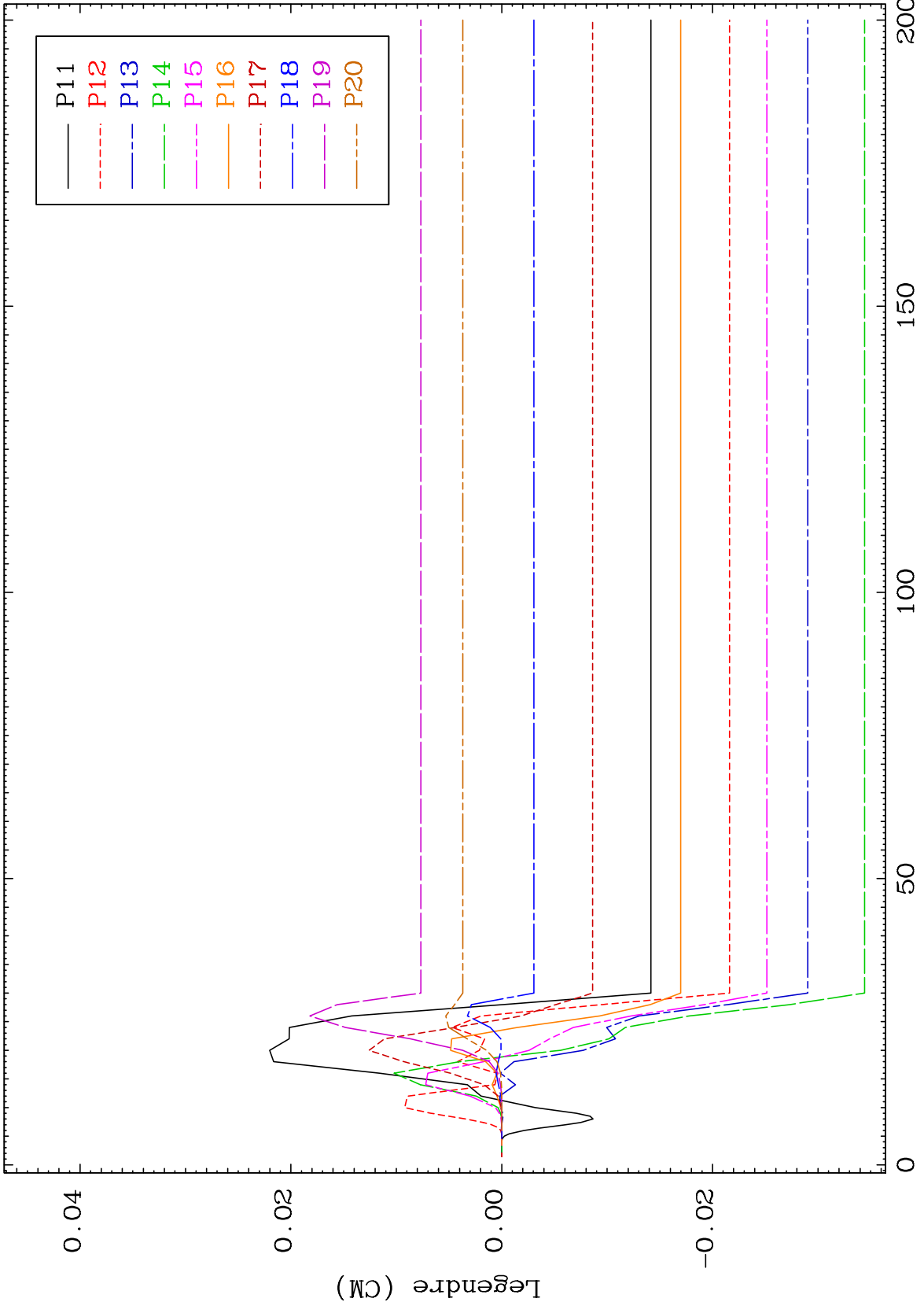
84-Po-203



MAT 8416

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

84-Po-203



48

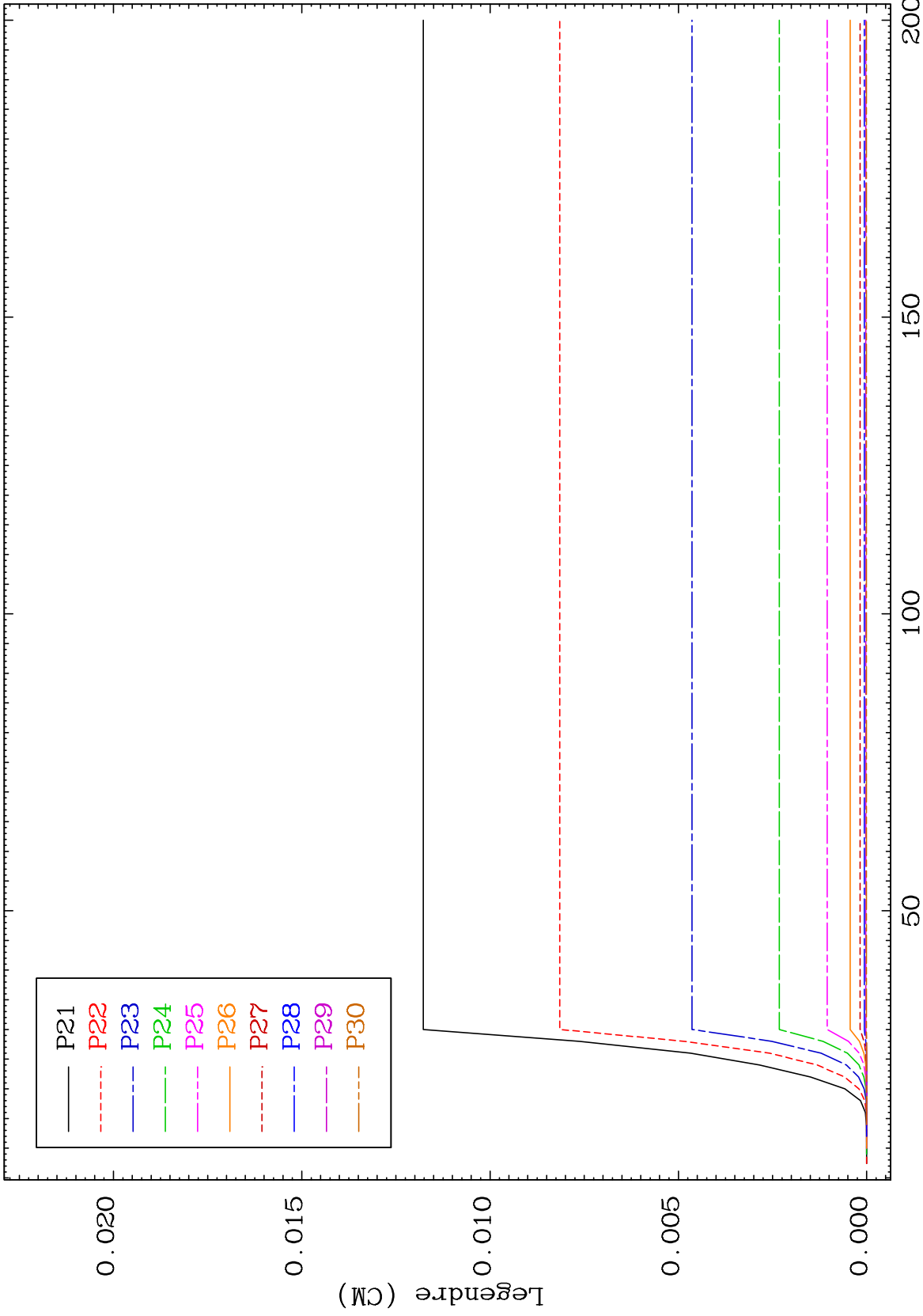
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



49

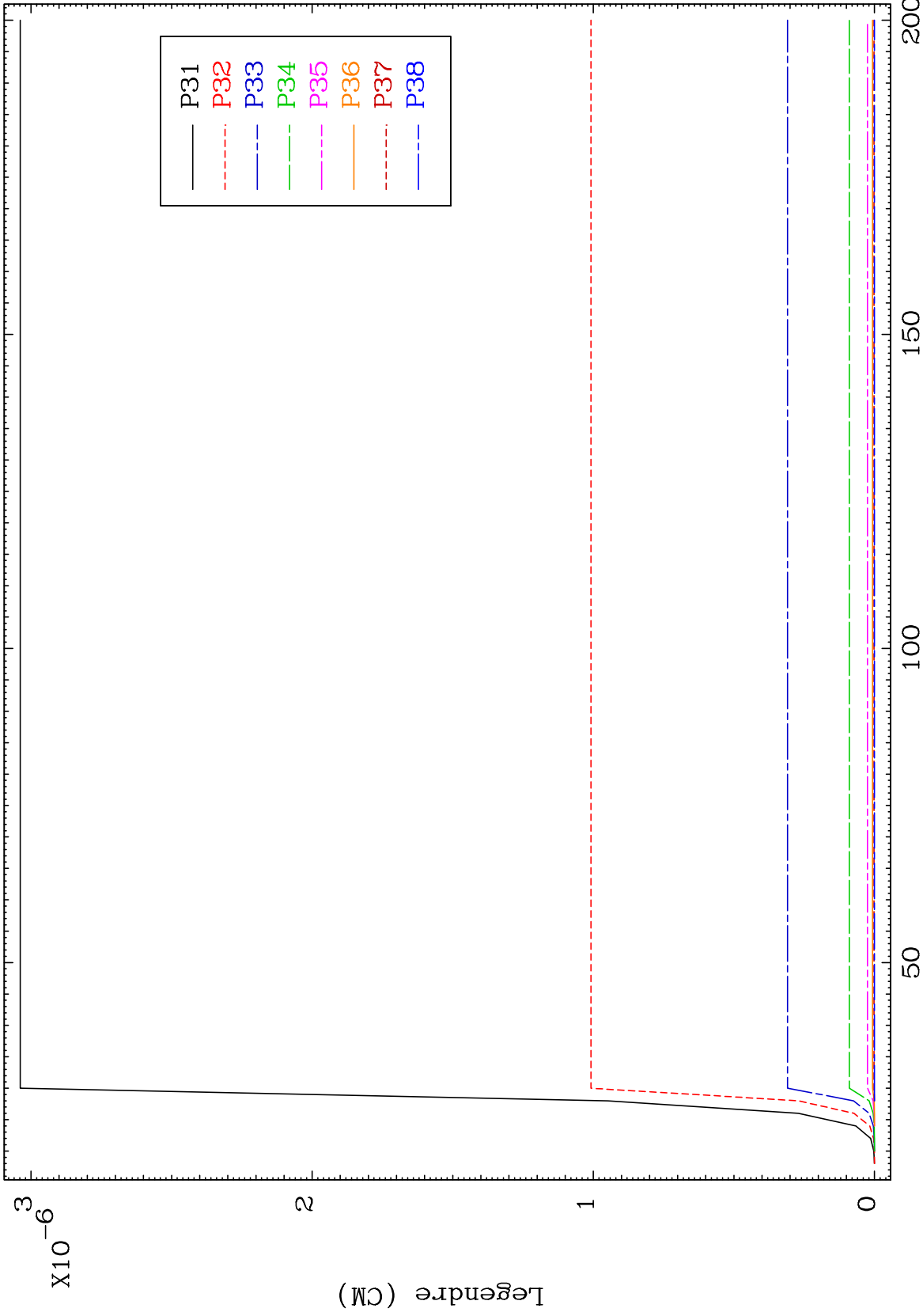
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



50

50

100

150

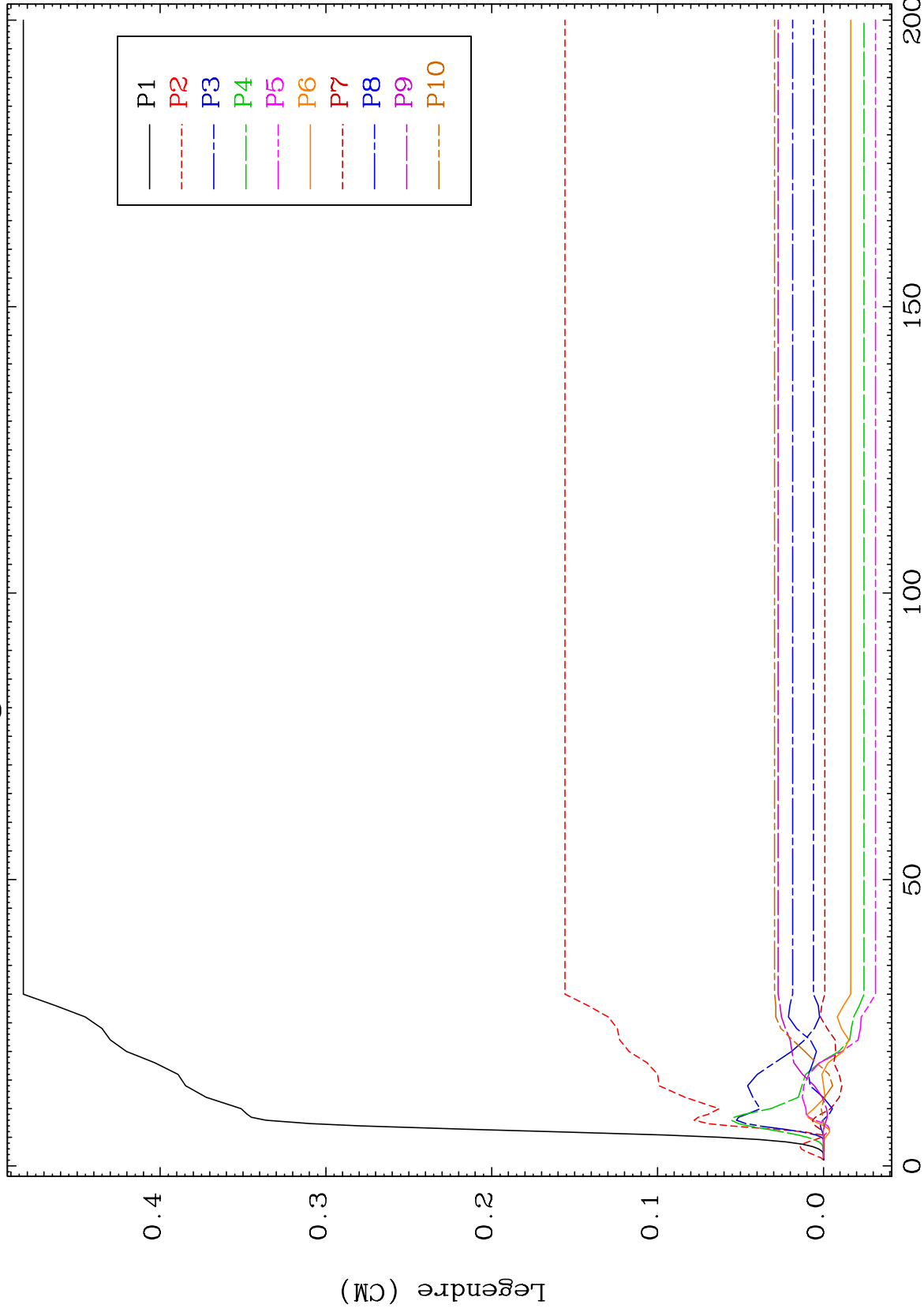
200

84-Po-203

MAT 8416

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

84-Po-203



51

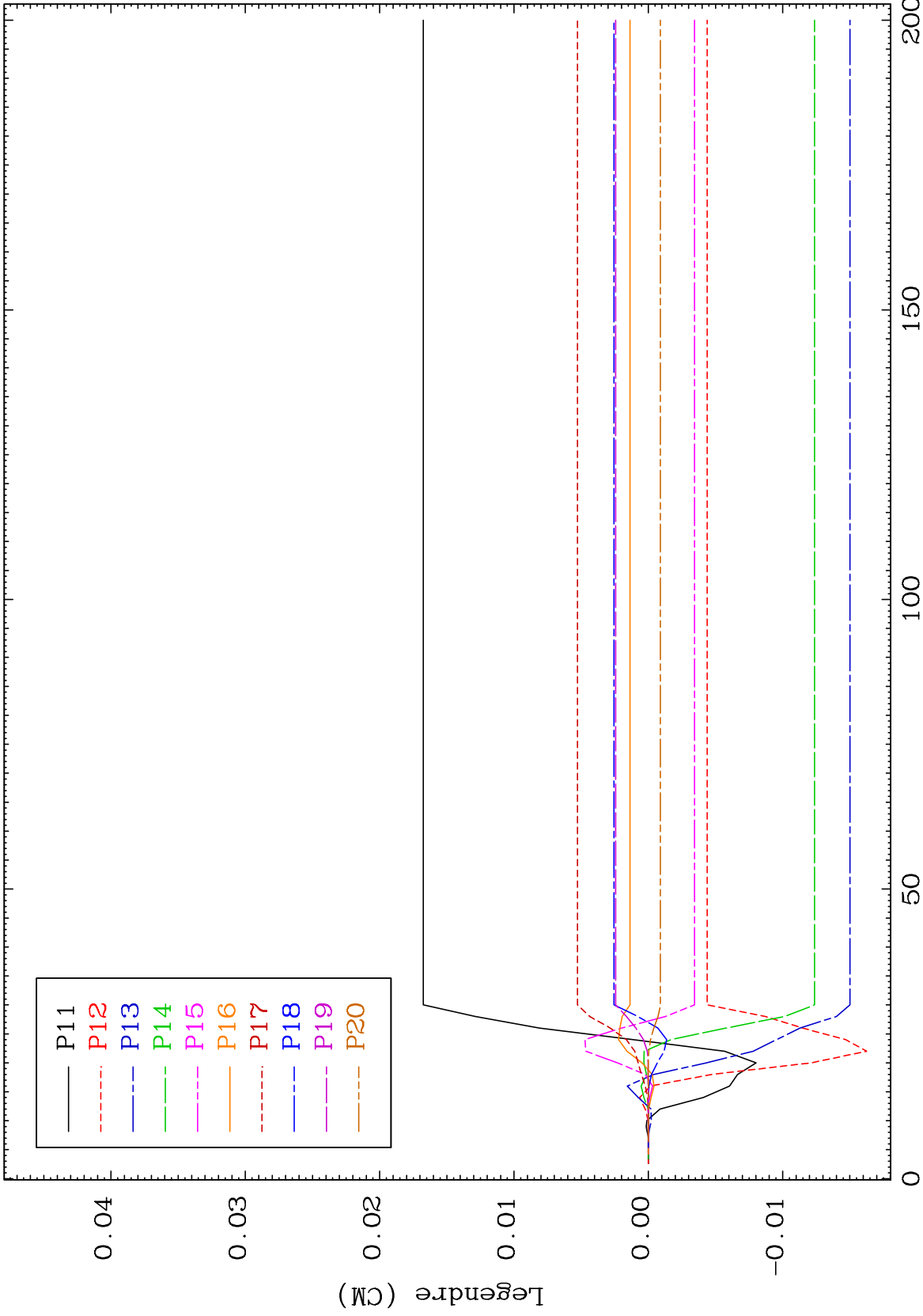
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



52

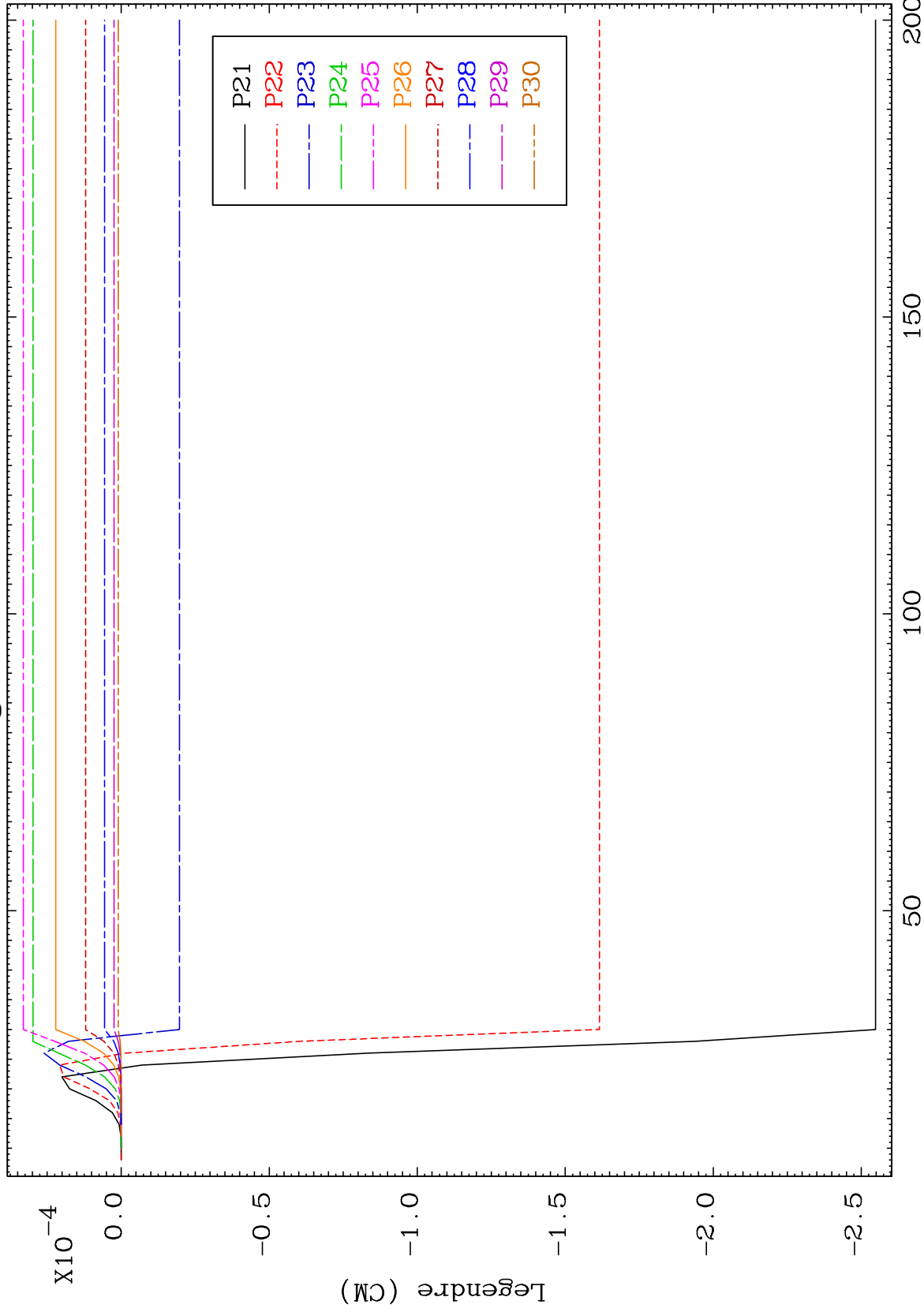
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



53

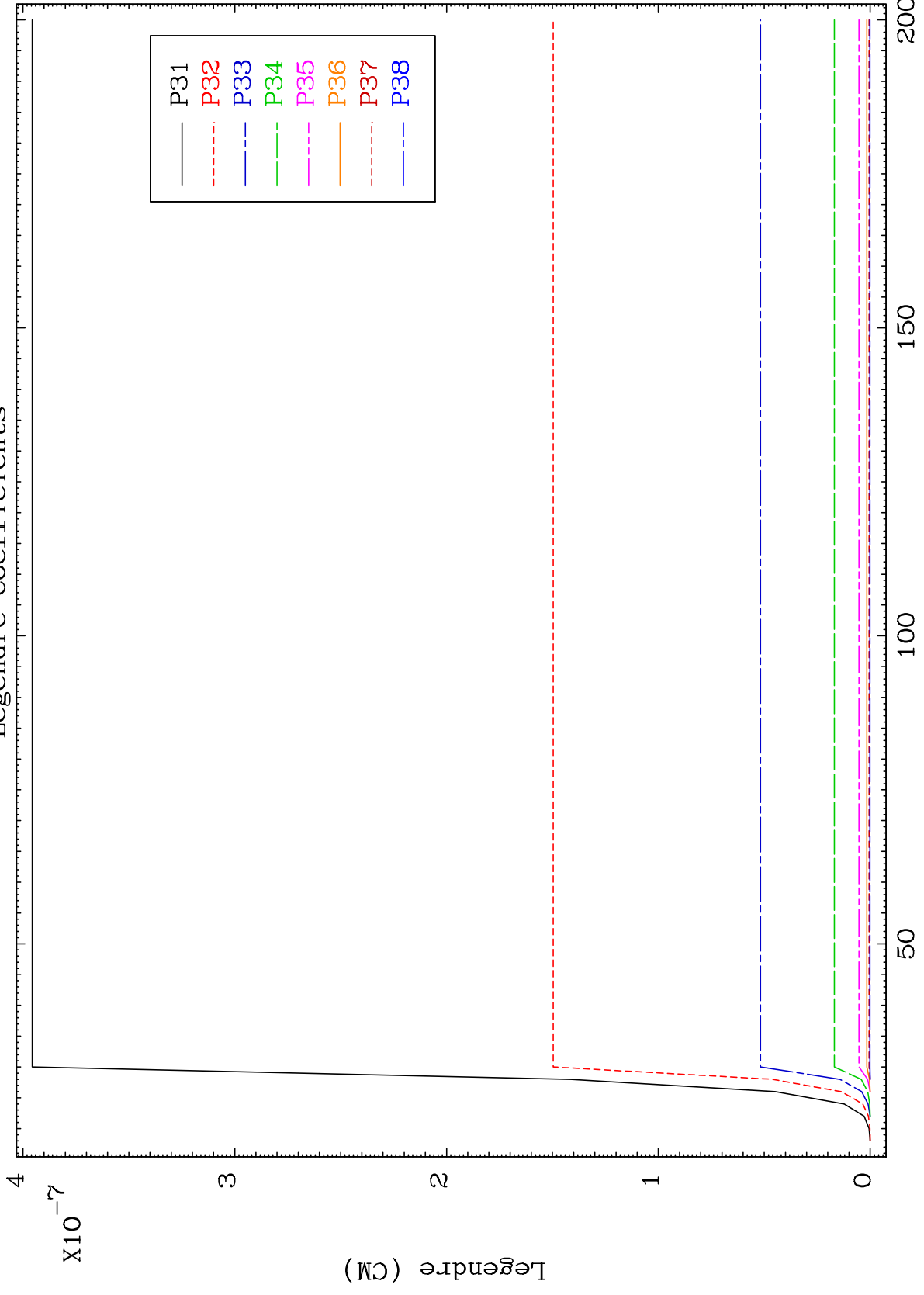
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



54

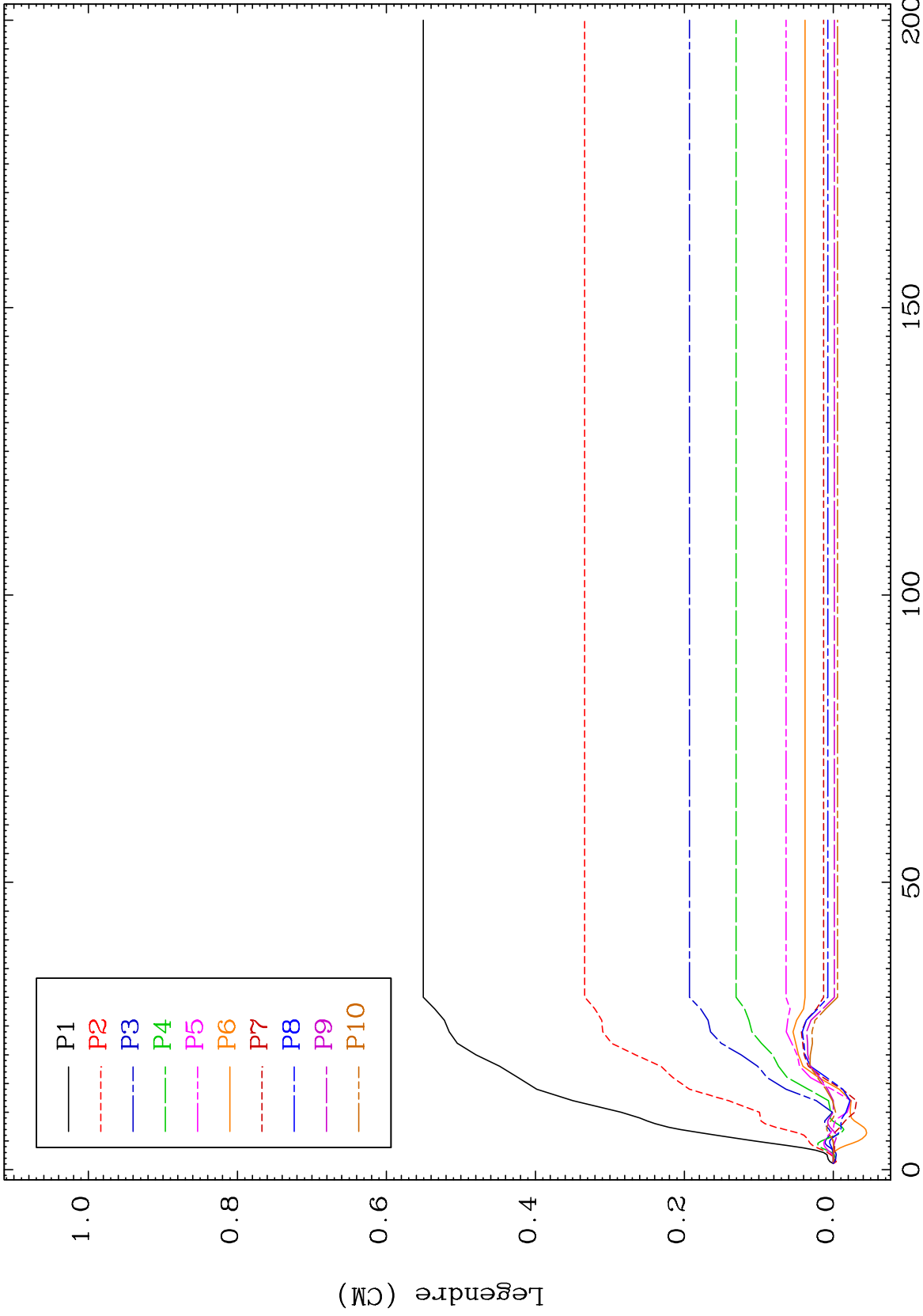
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



55

Incident Energy (MeV)

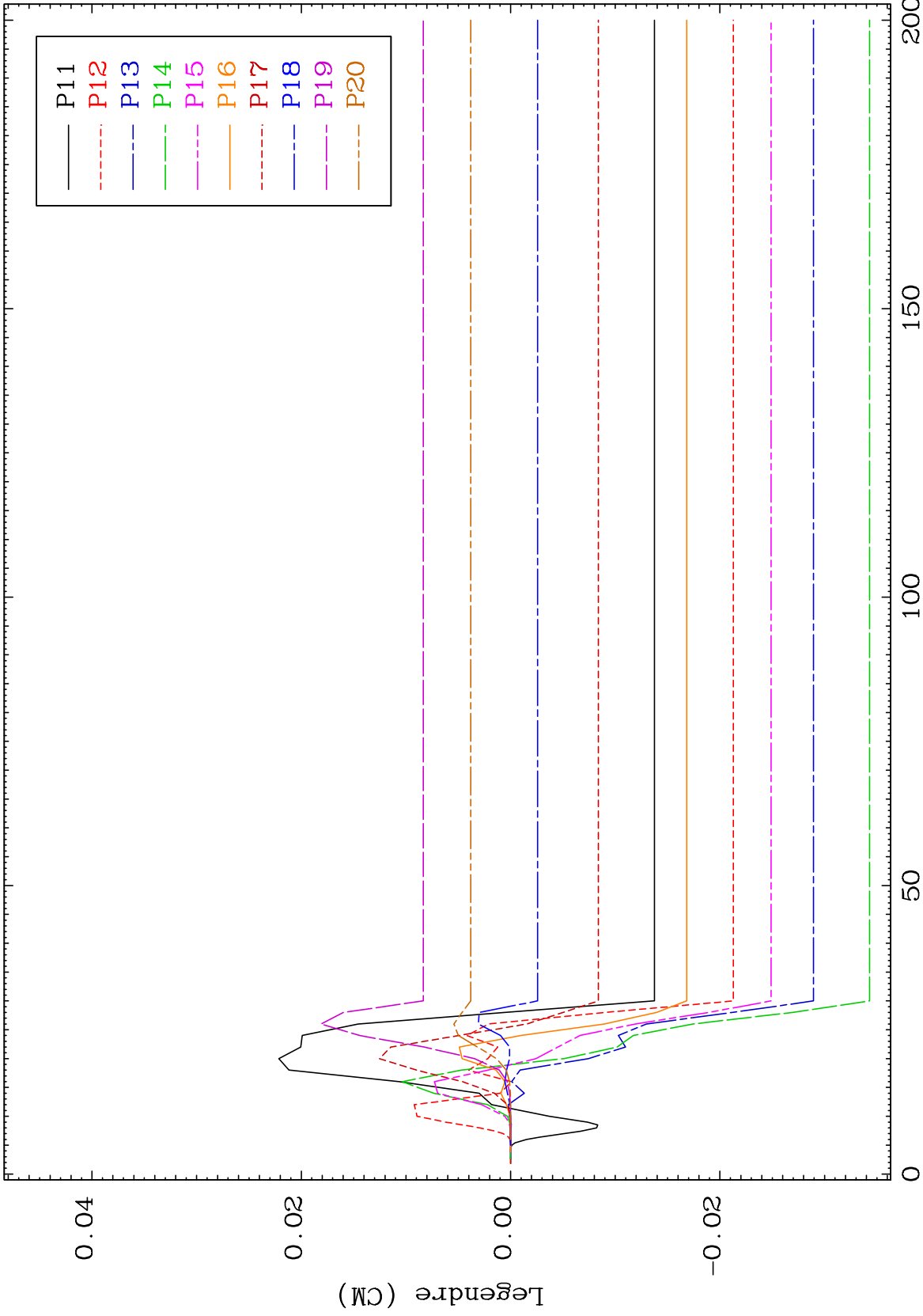
84-Po-203



MAT 8416

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

84-Po-203



56

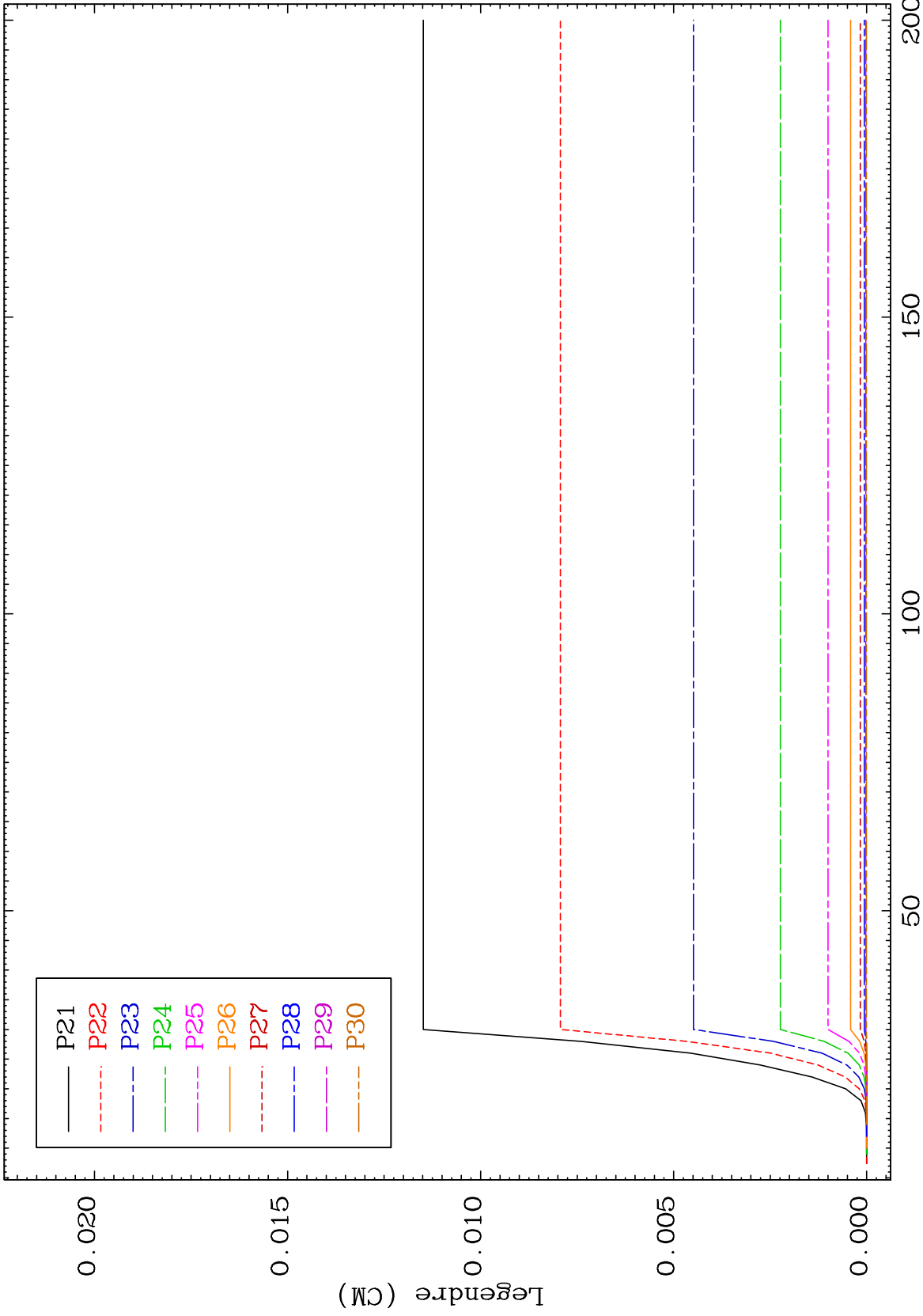
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



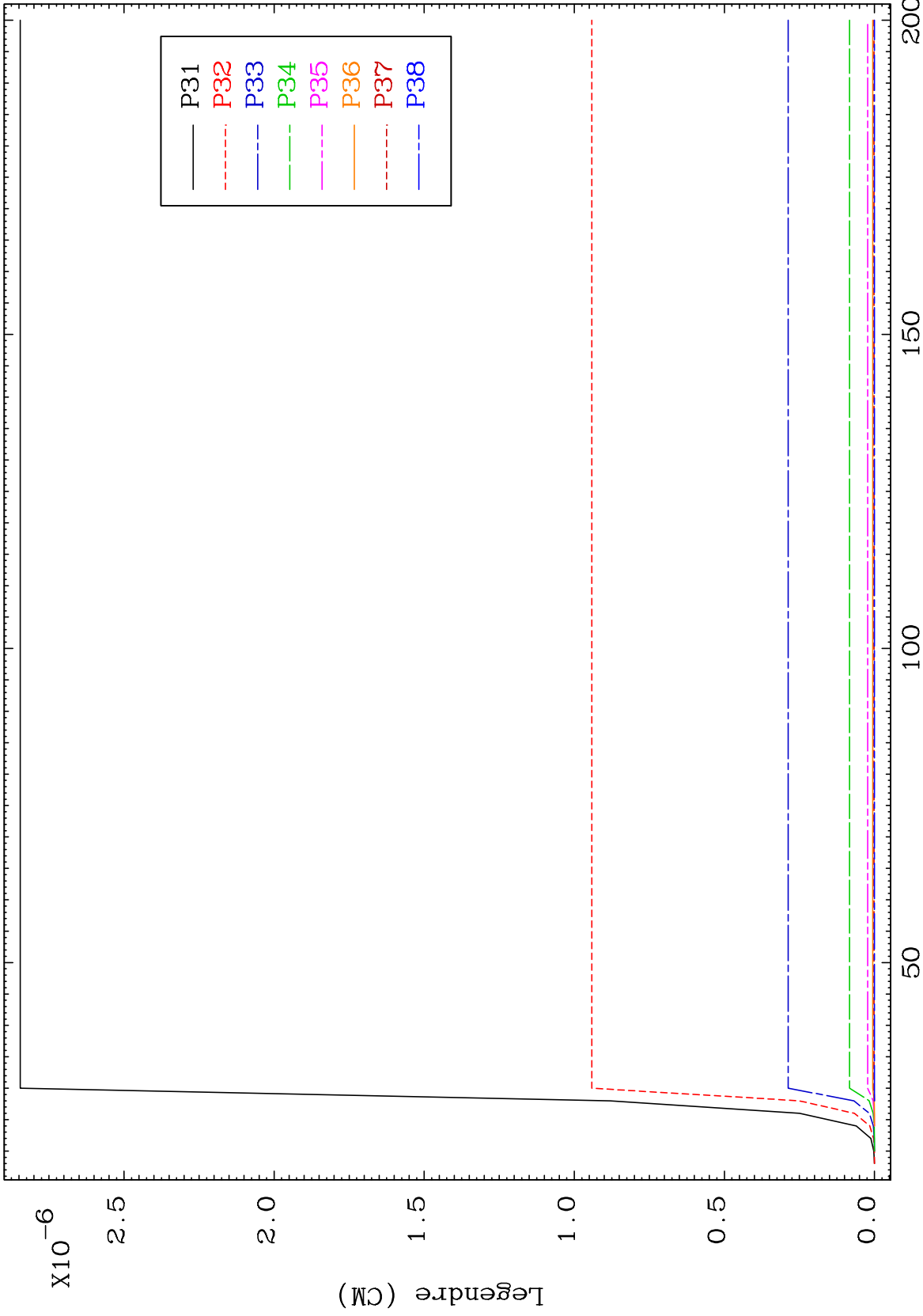
57

84-Po-203

MAT 8416

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

84-Po-203



58

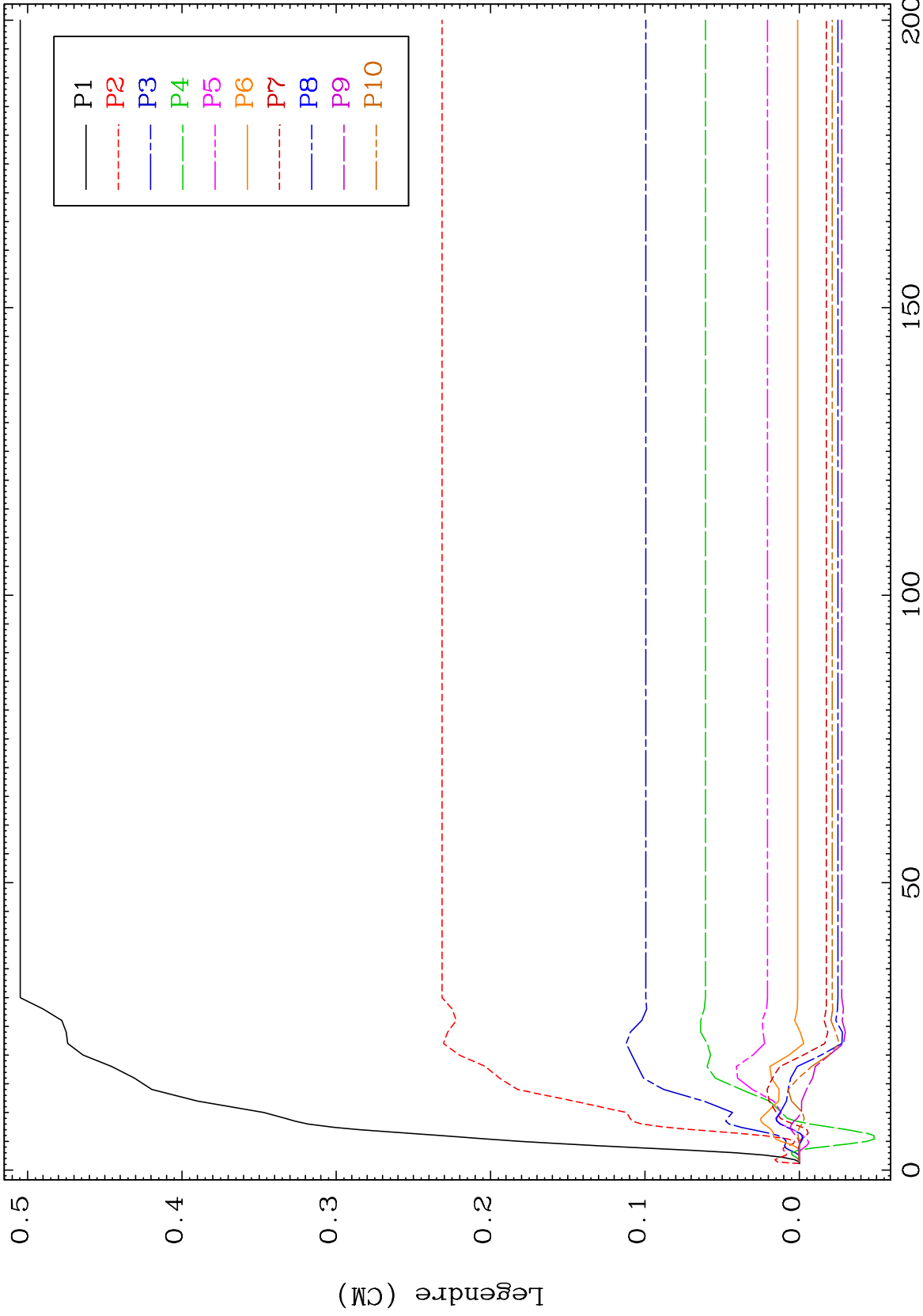
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



59

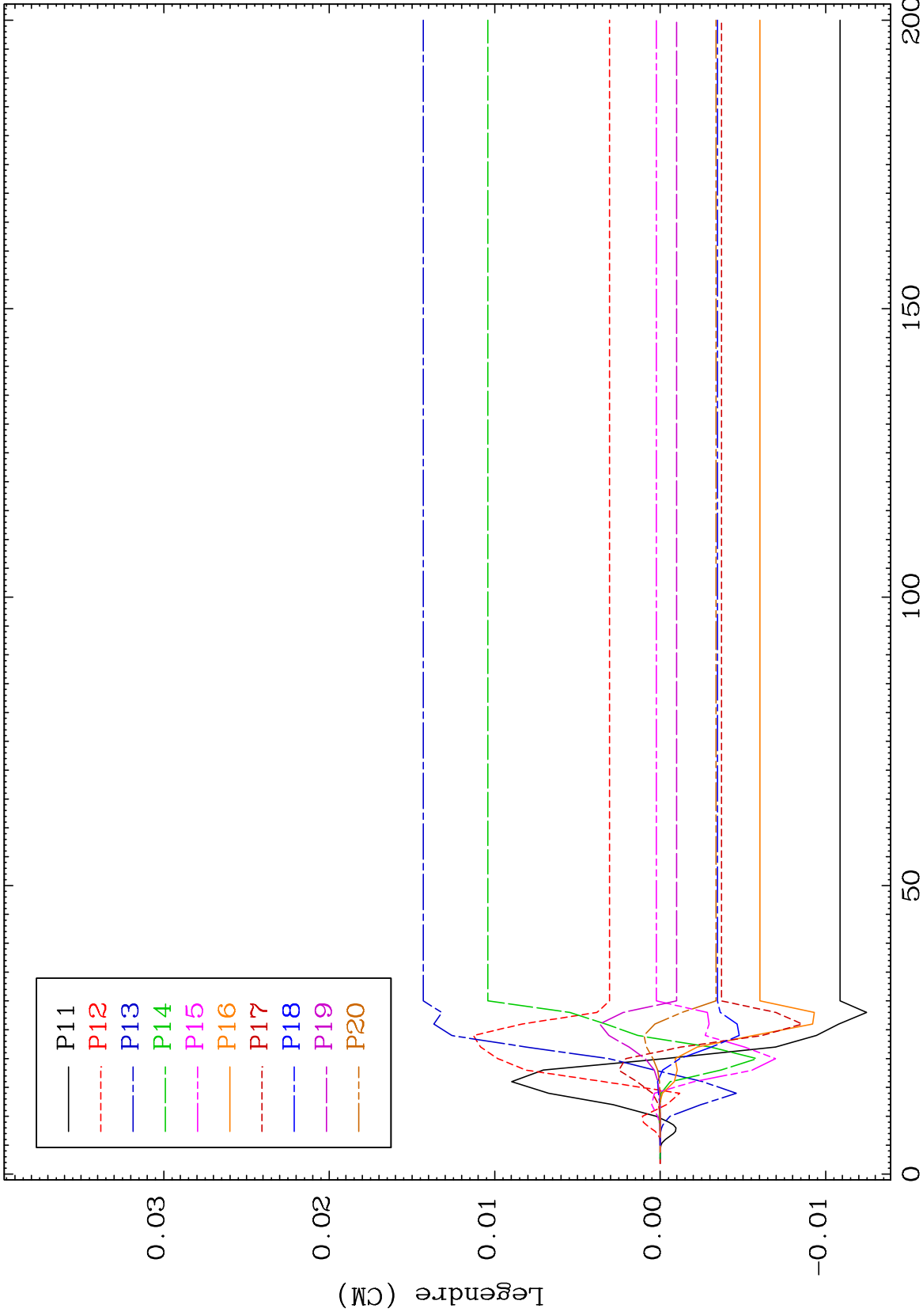
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



60

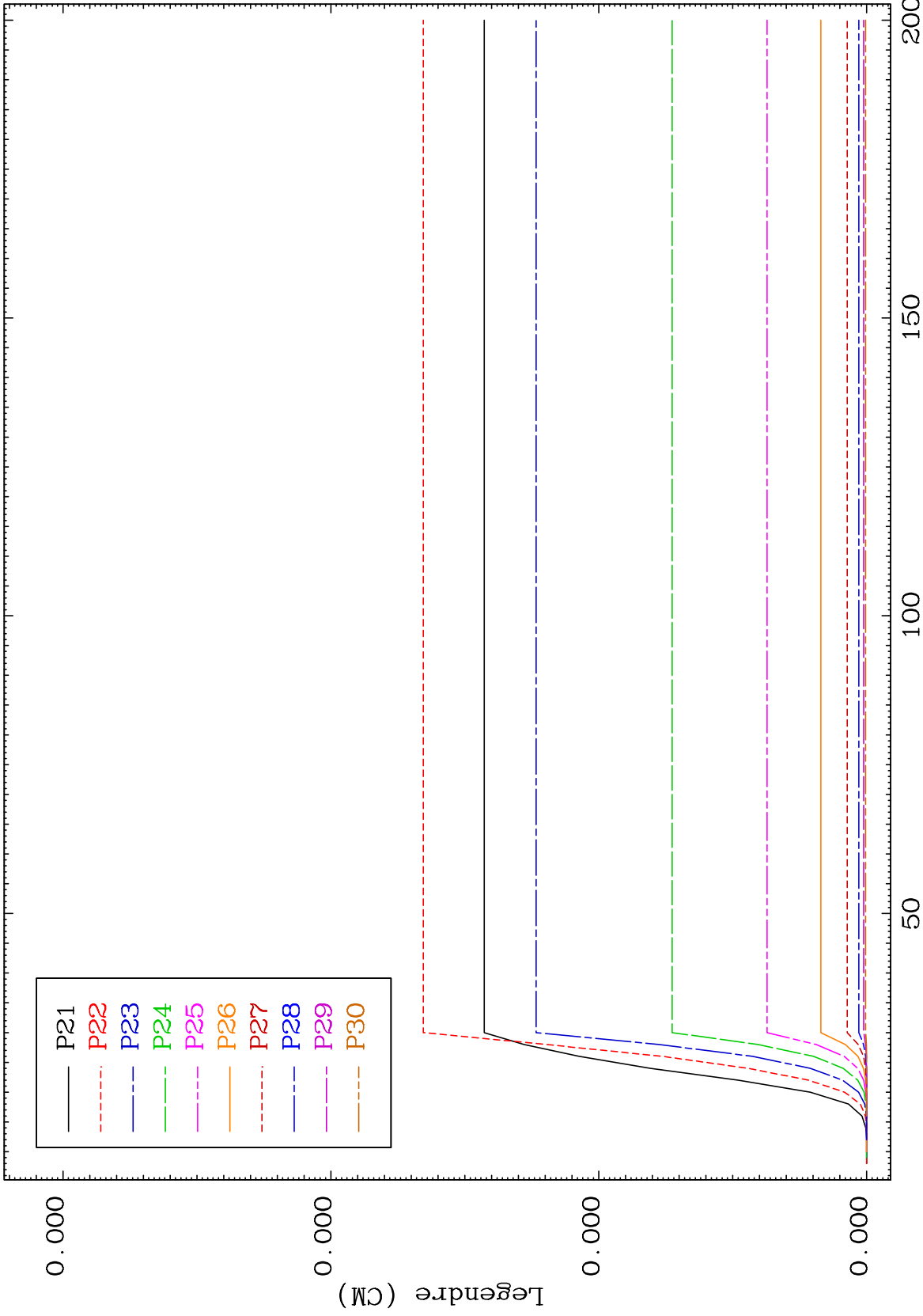
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



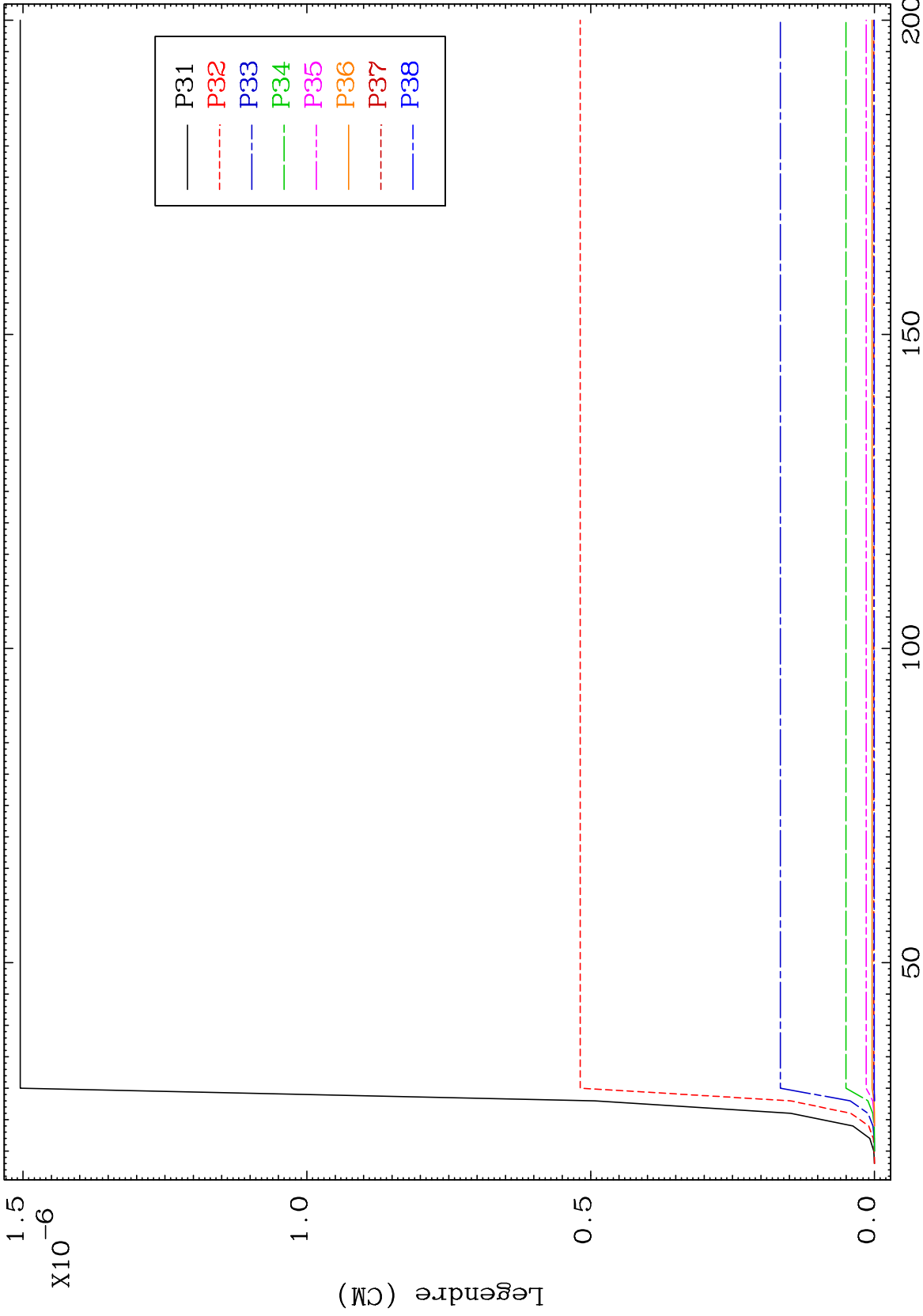
61

84-Po-203

MAT 8416

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

84-Po-203



62

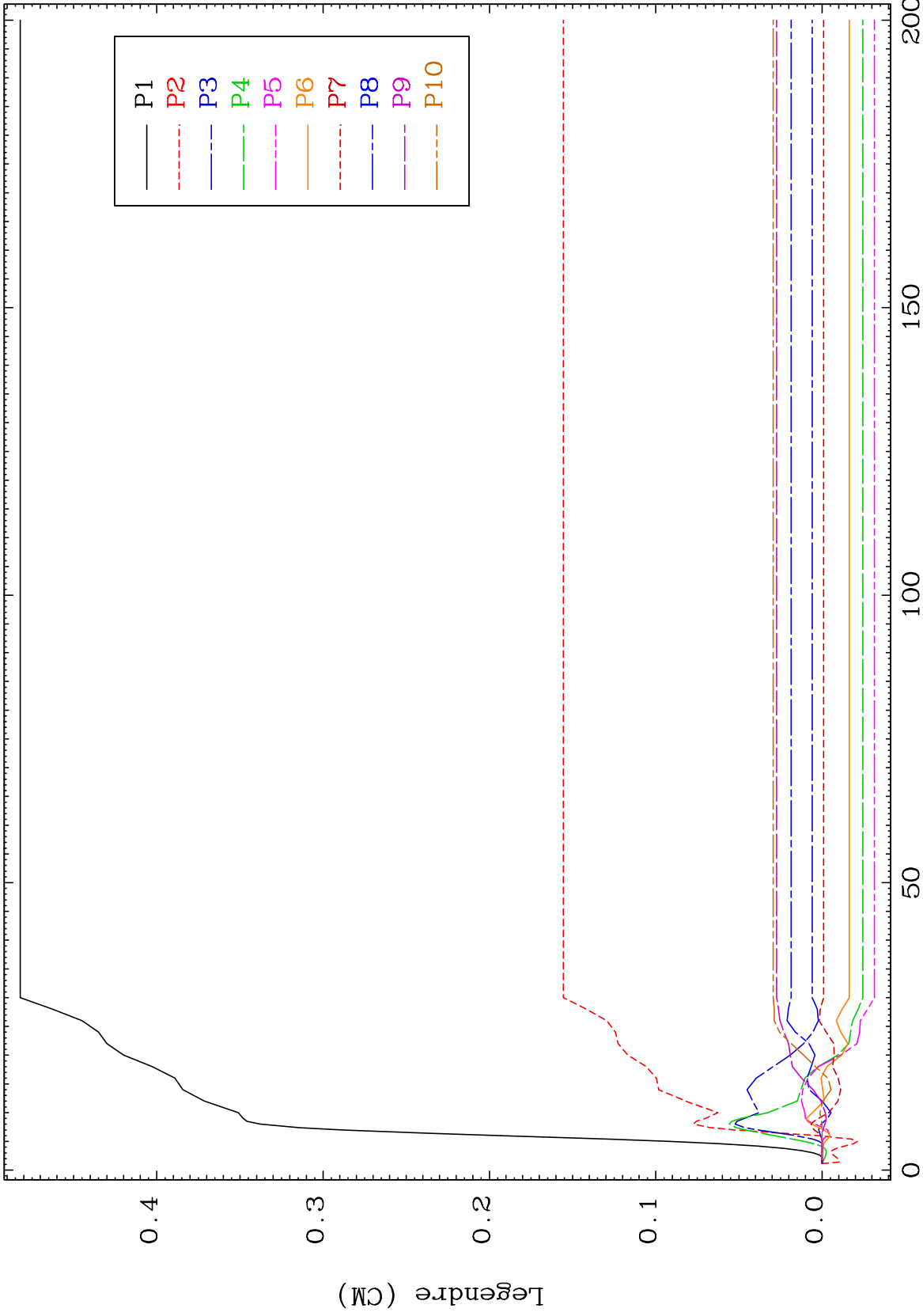
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



63

Incident Energy (MeV)

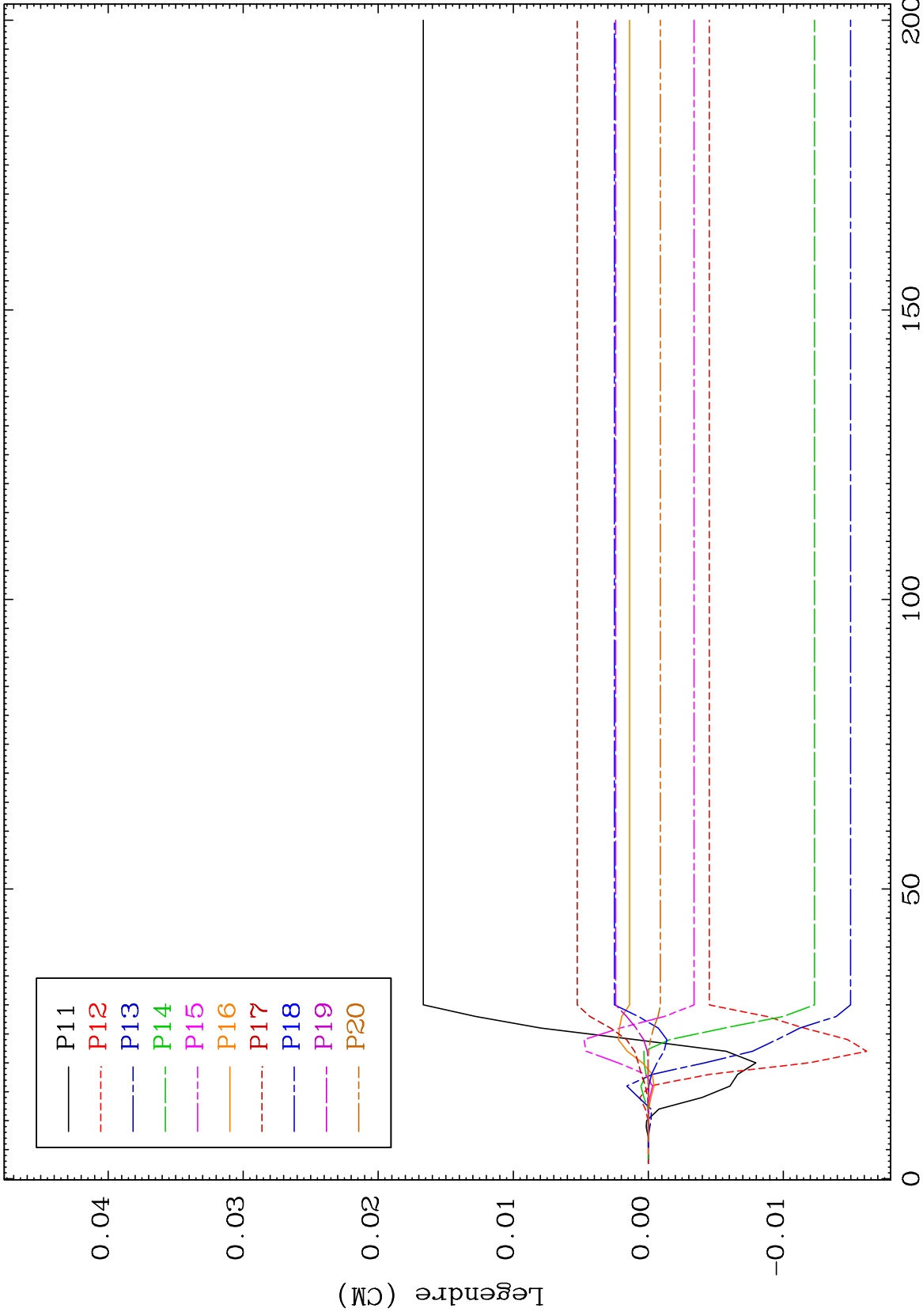
84-Po-203



MAT 8416

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

84-Po-203



64

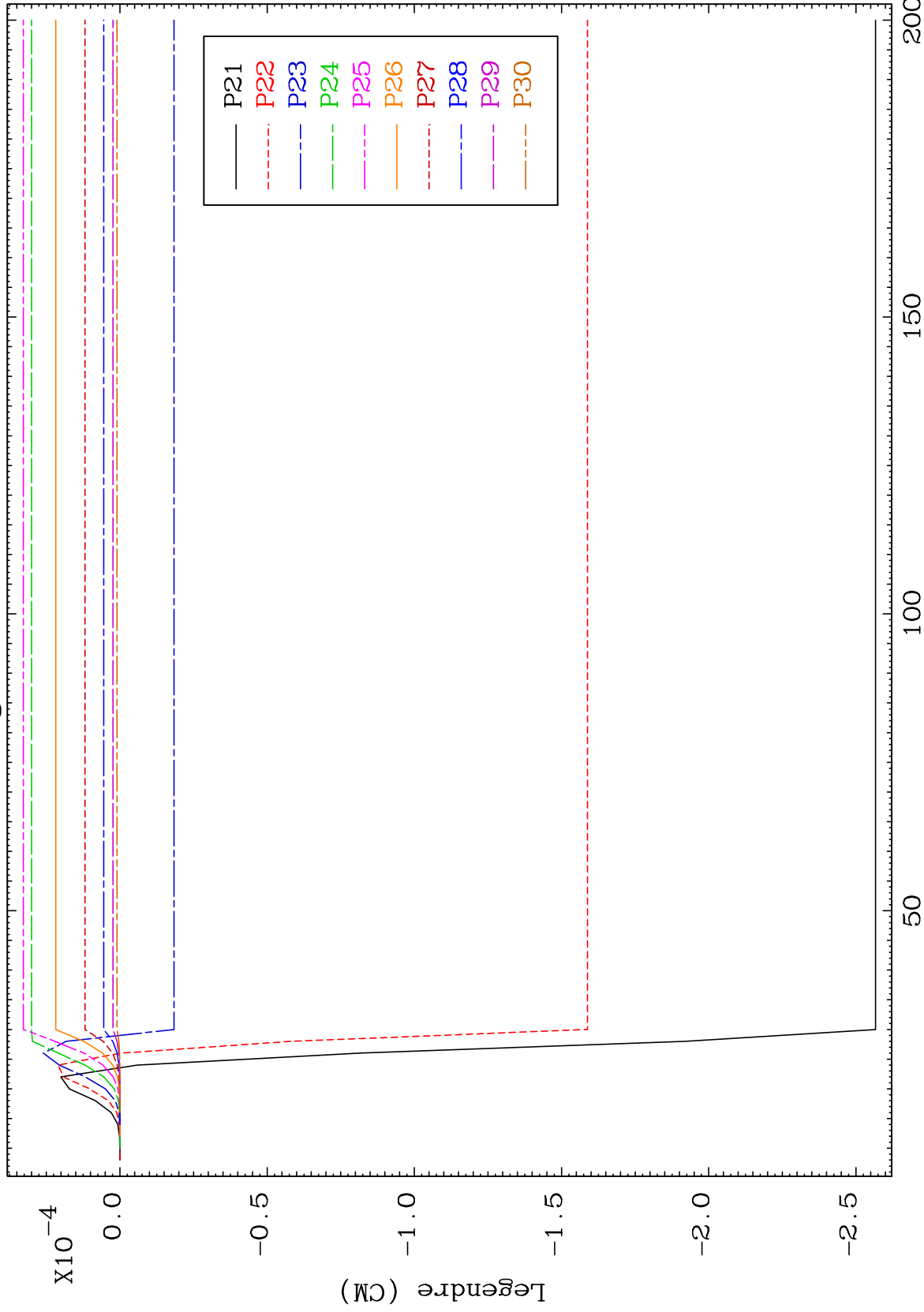
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



65

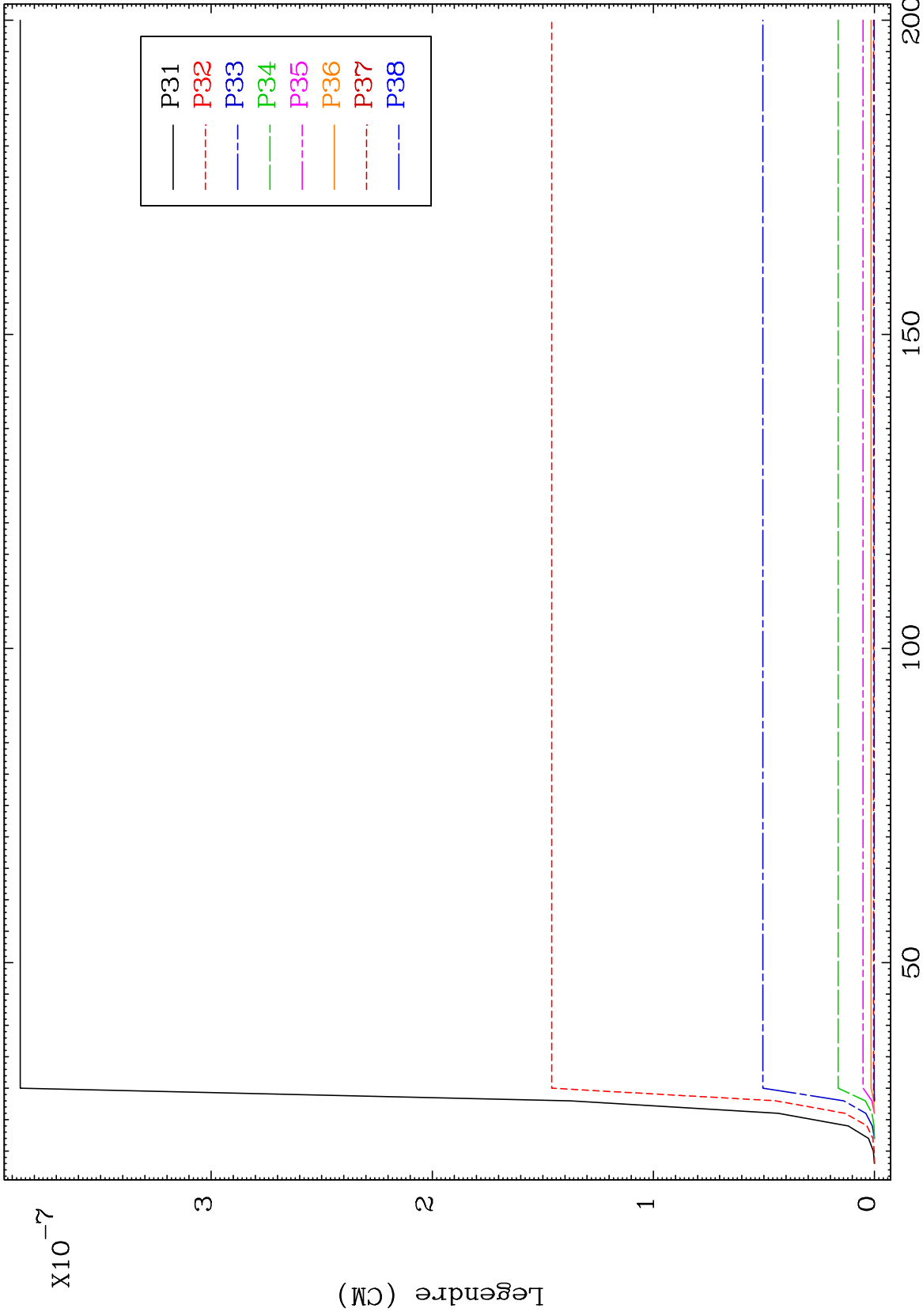
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



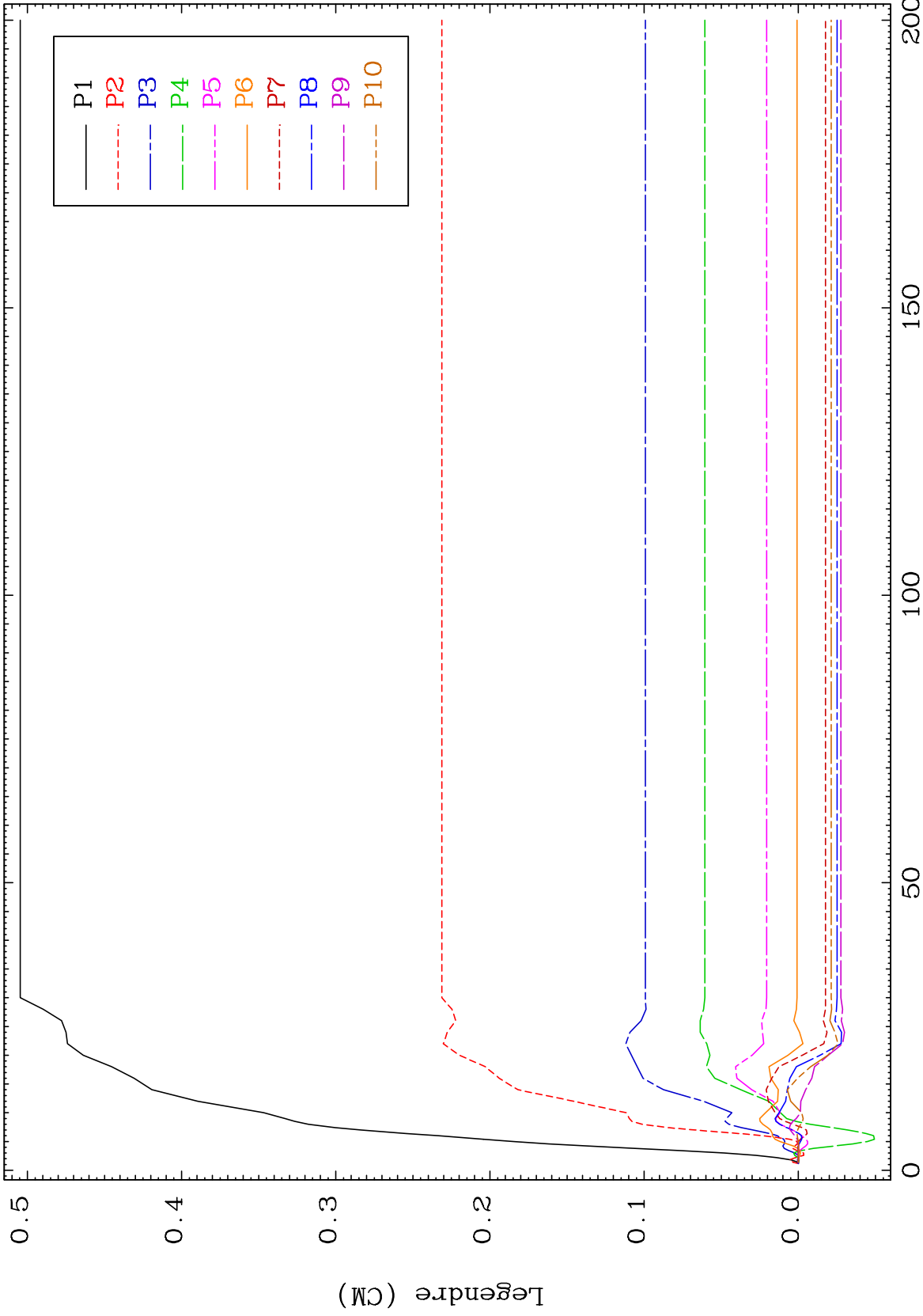
66

84-Po-203

MAT 8416

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

84-Po-203



67

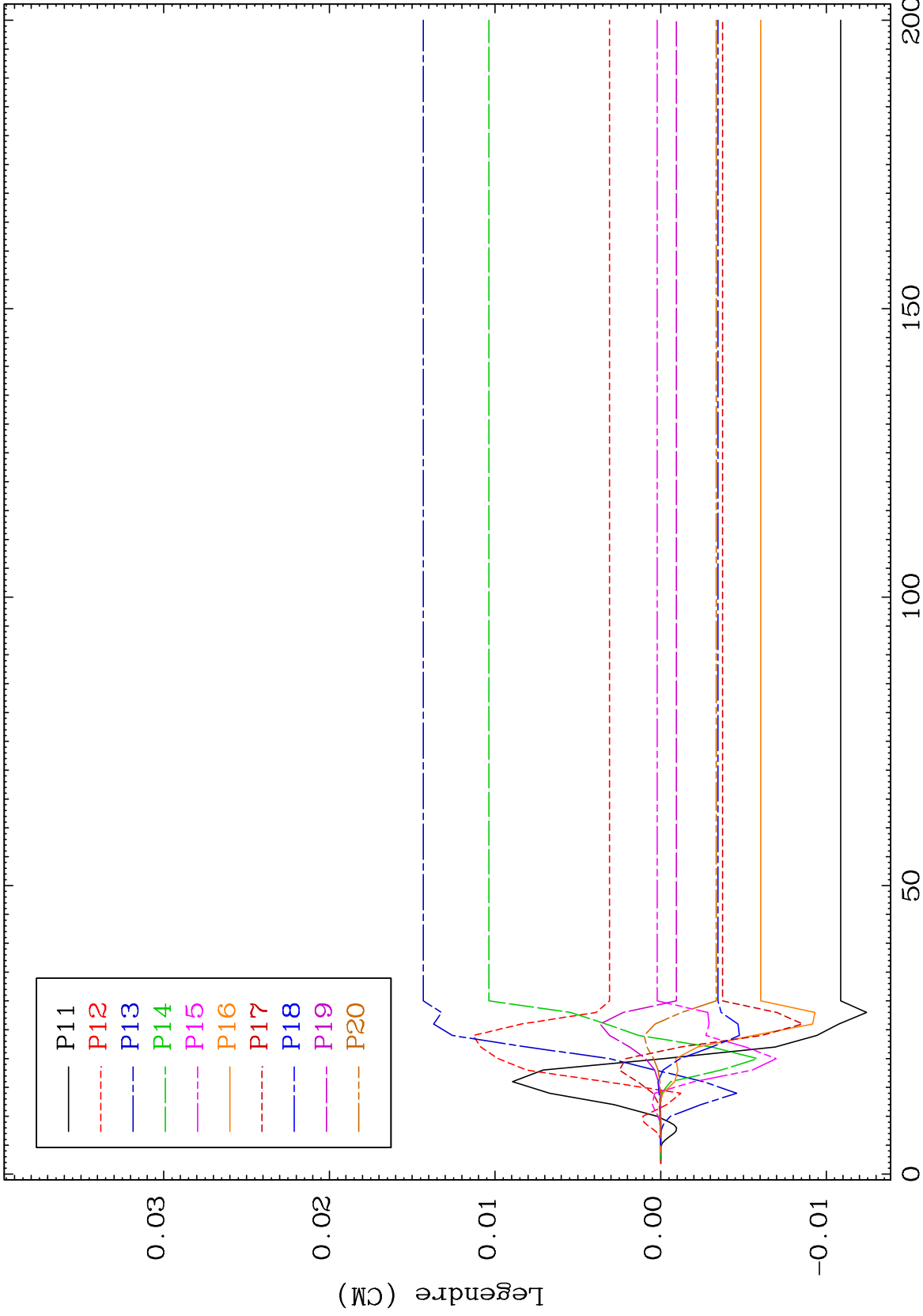
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



68

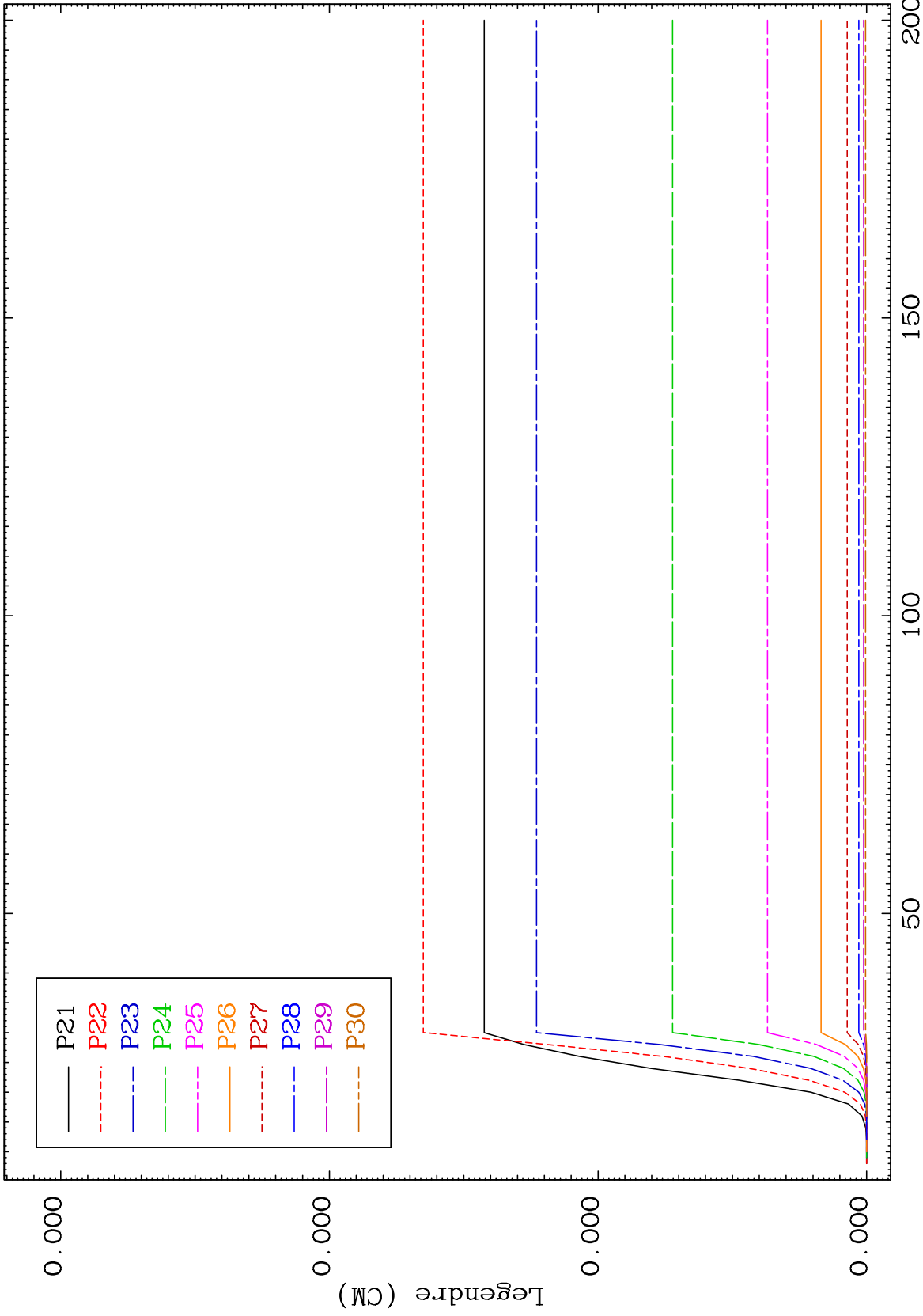
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



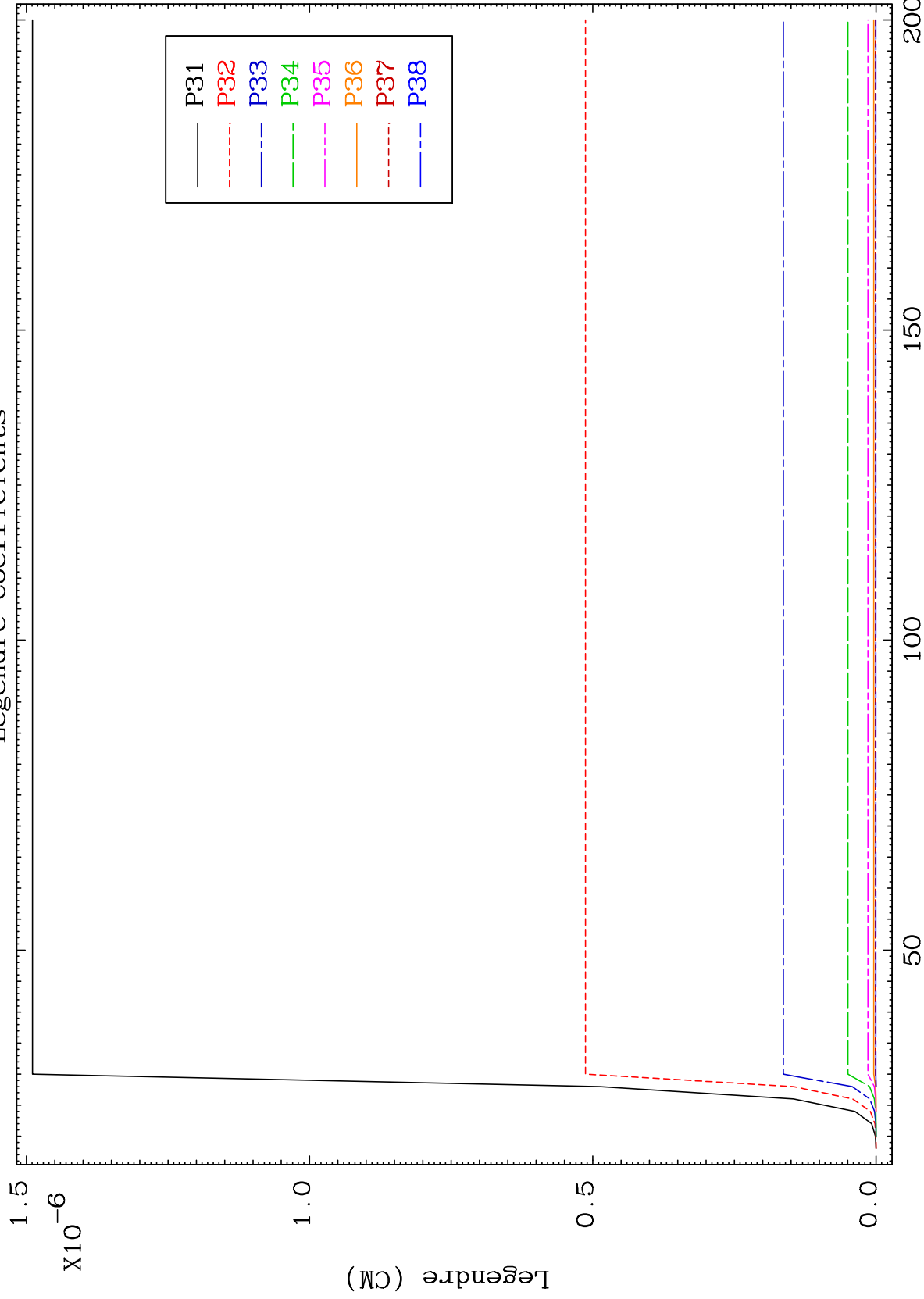
69

84-Po-203

MAT 8416

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

84-Po-203



70

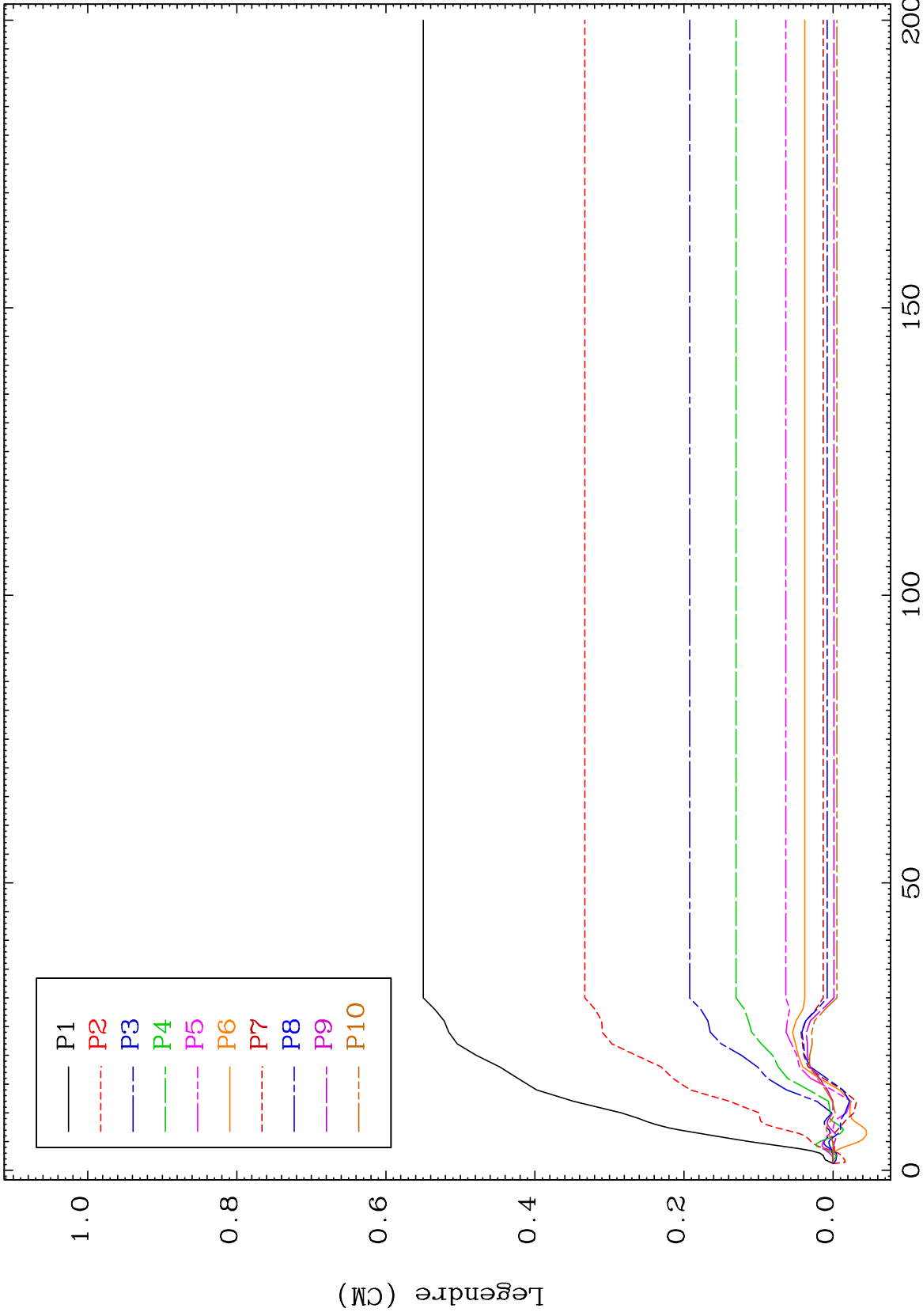
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



71

Incident Energy (MeV)

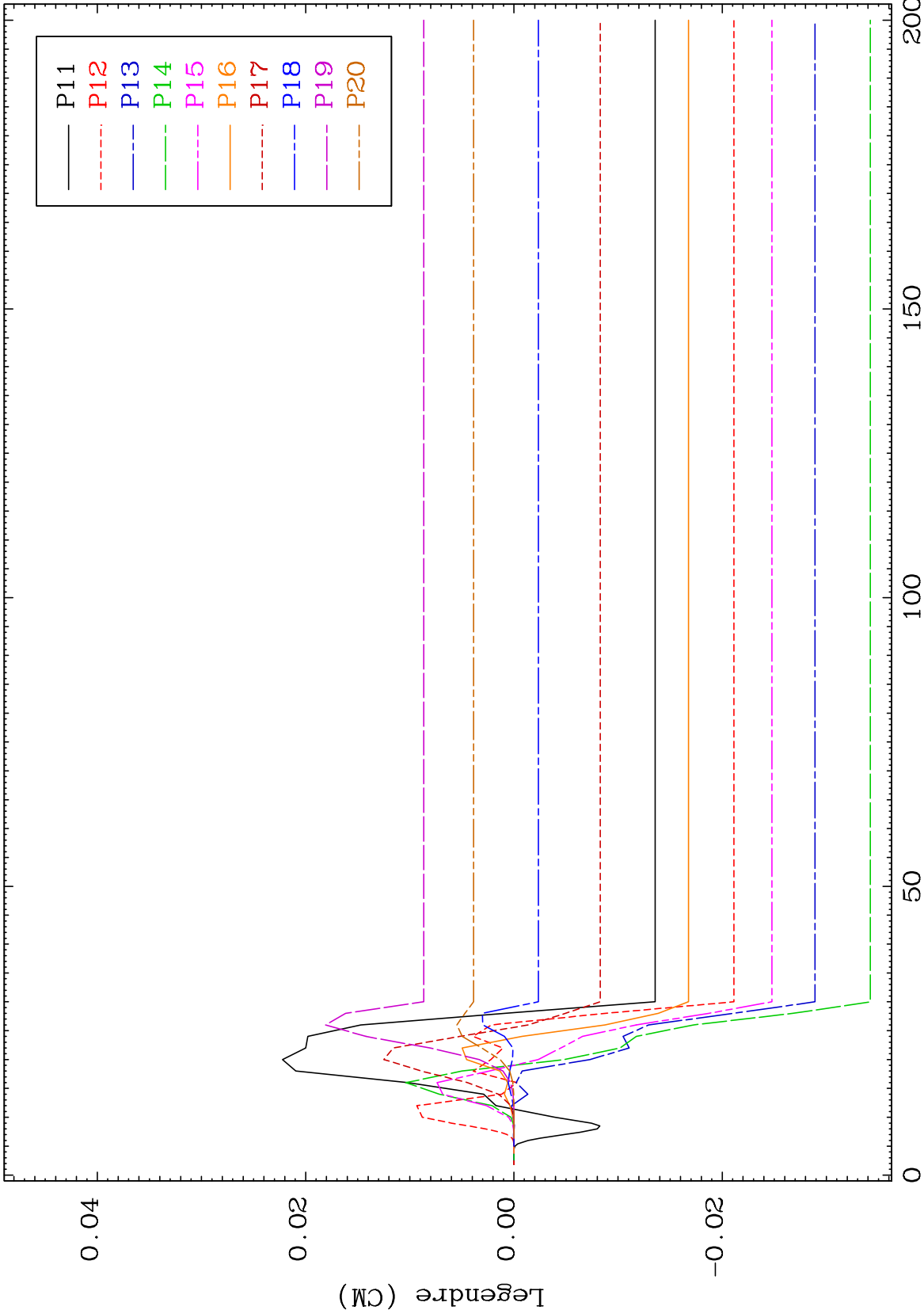
84-Po-203



MAT 8416

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

84-Po-203



72

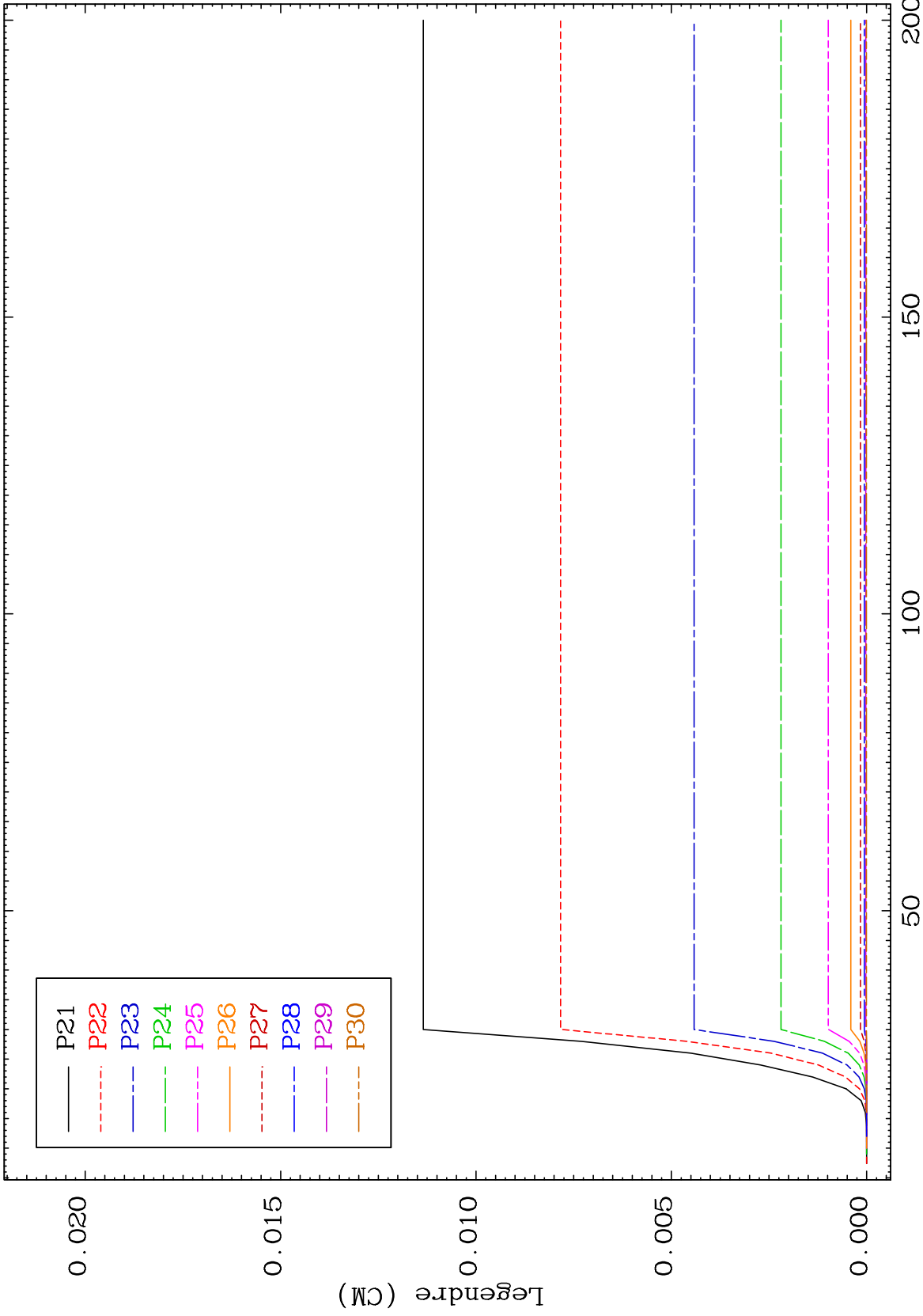
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



73

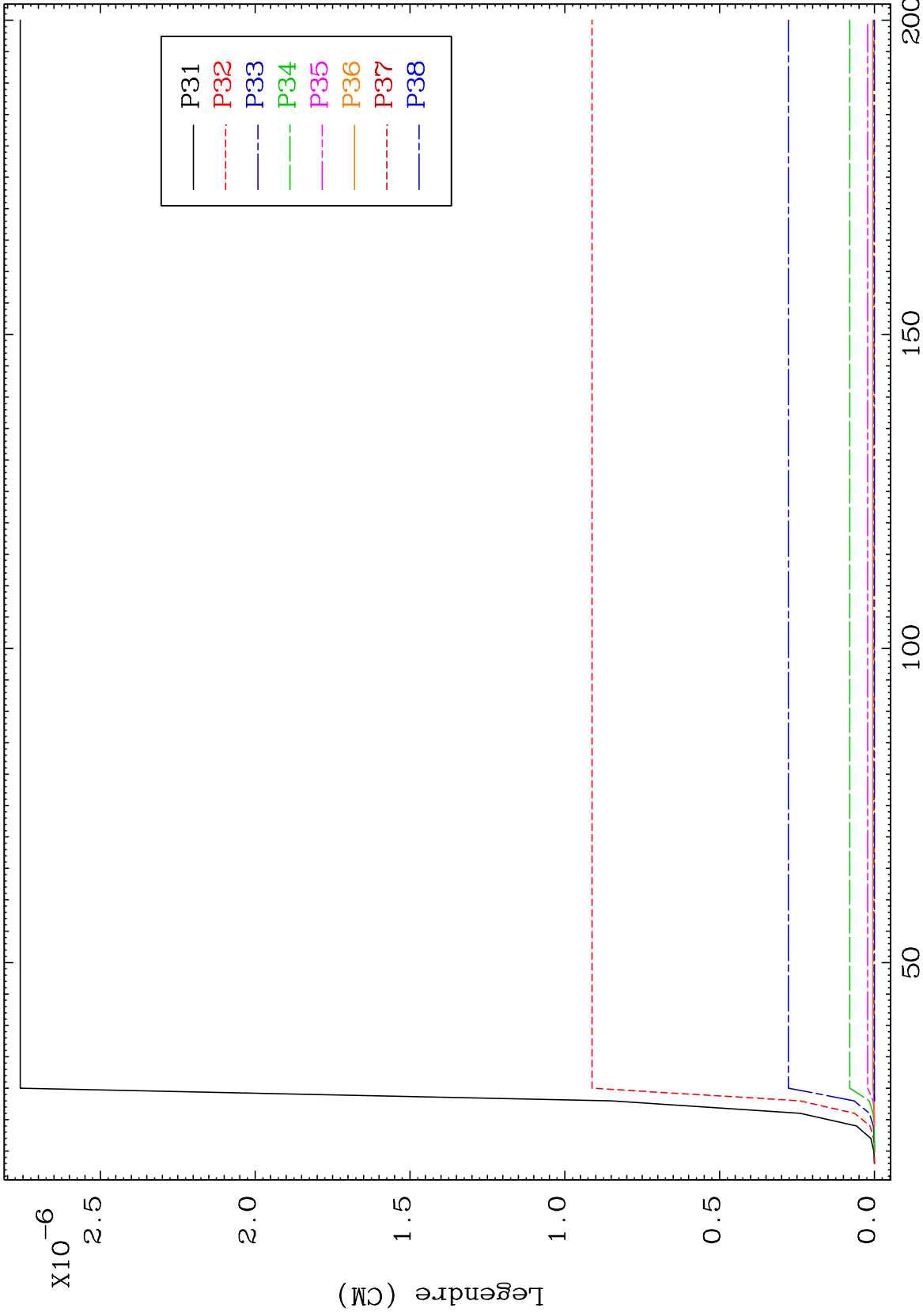
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



74

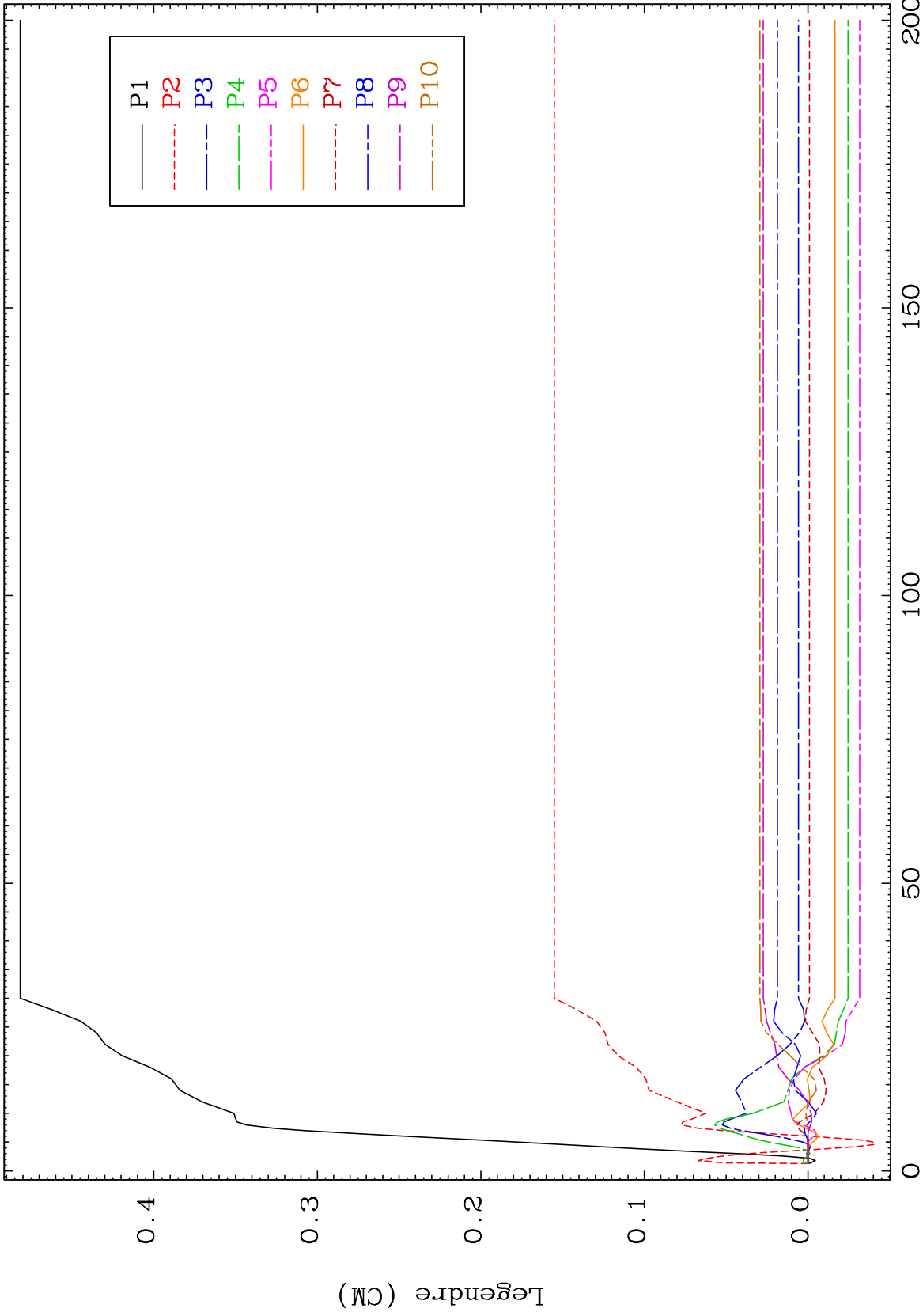
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



75

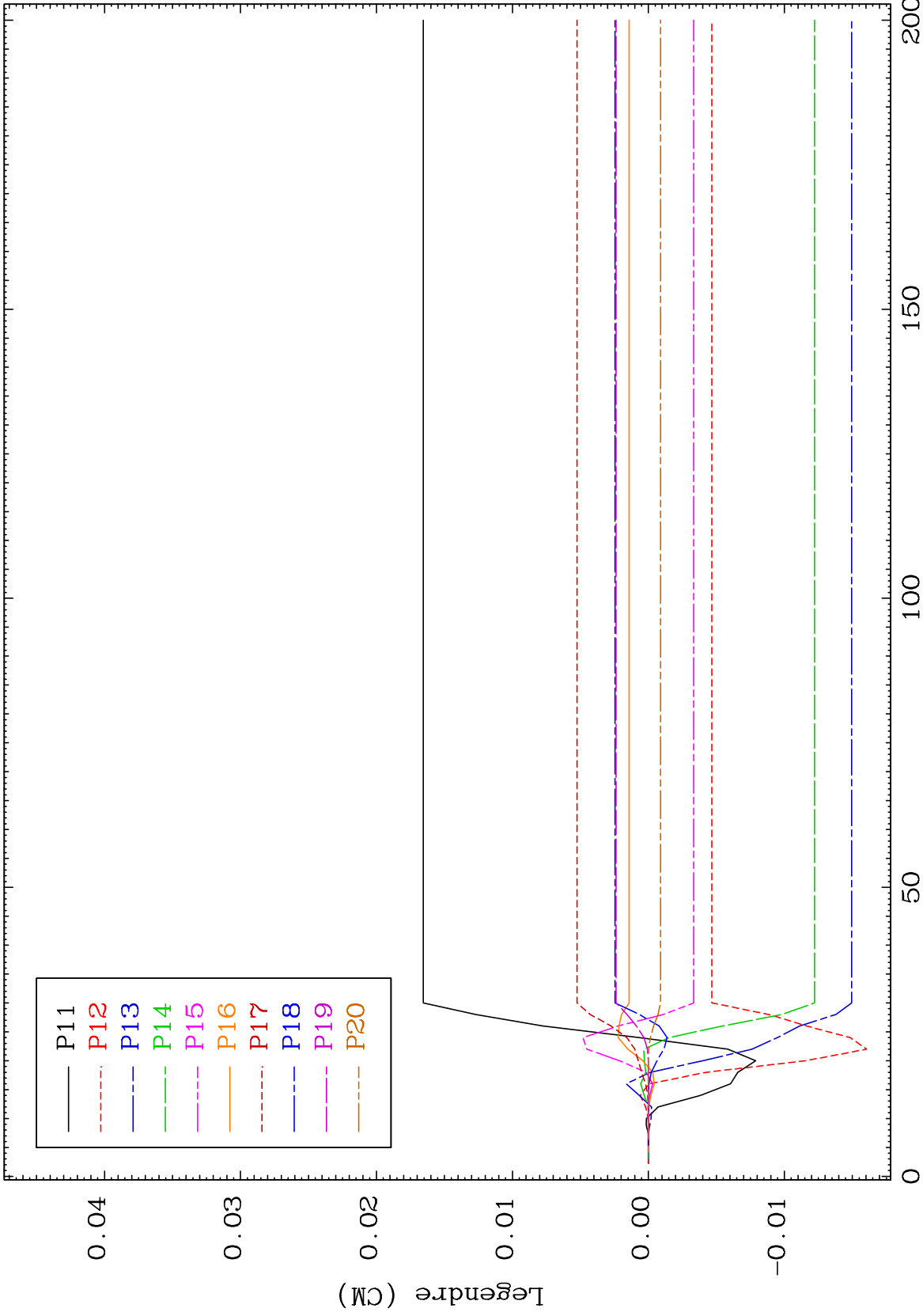
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



76

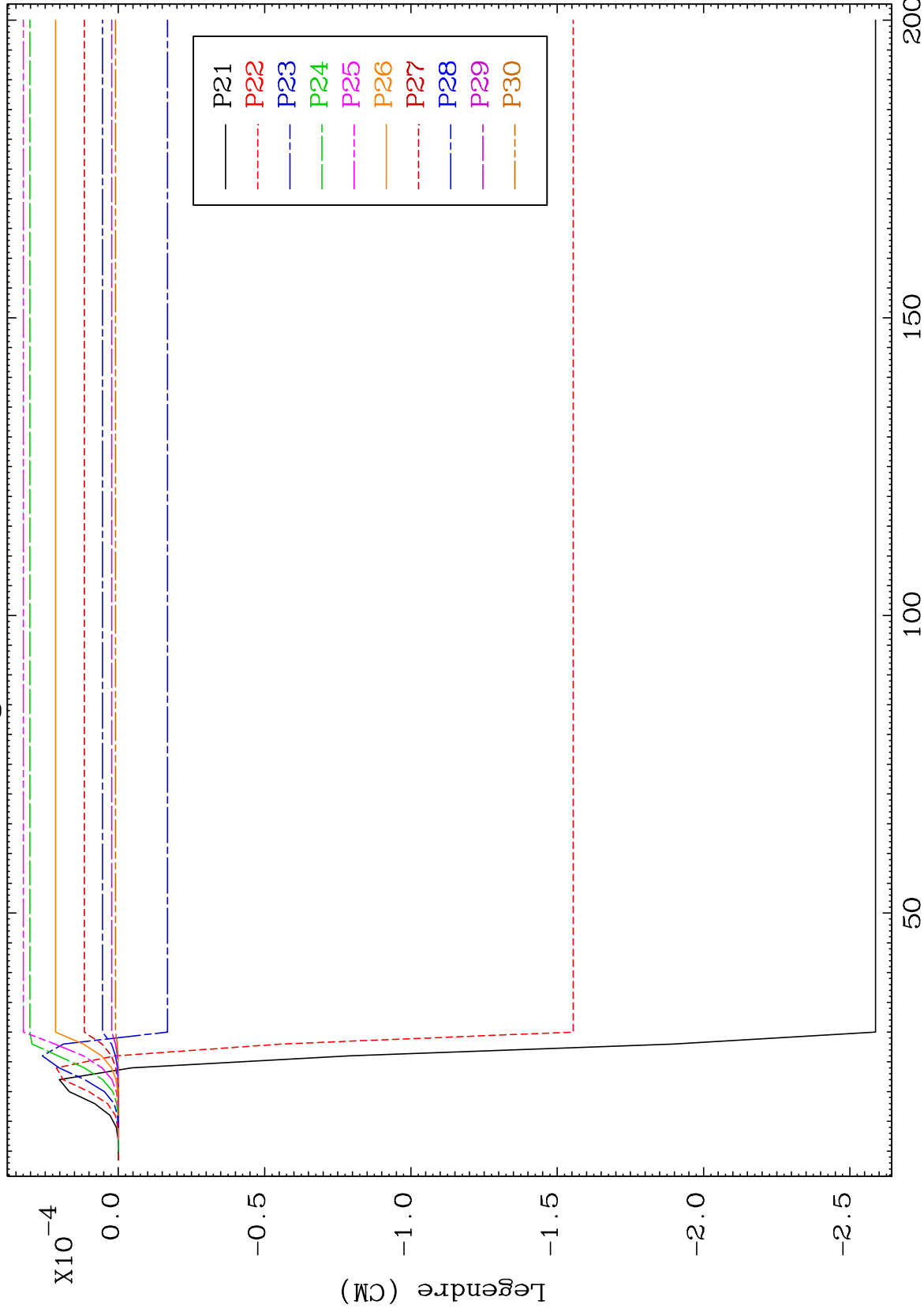
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



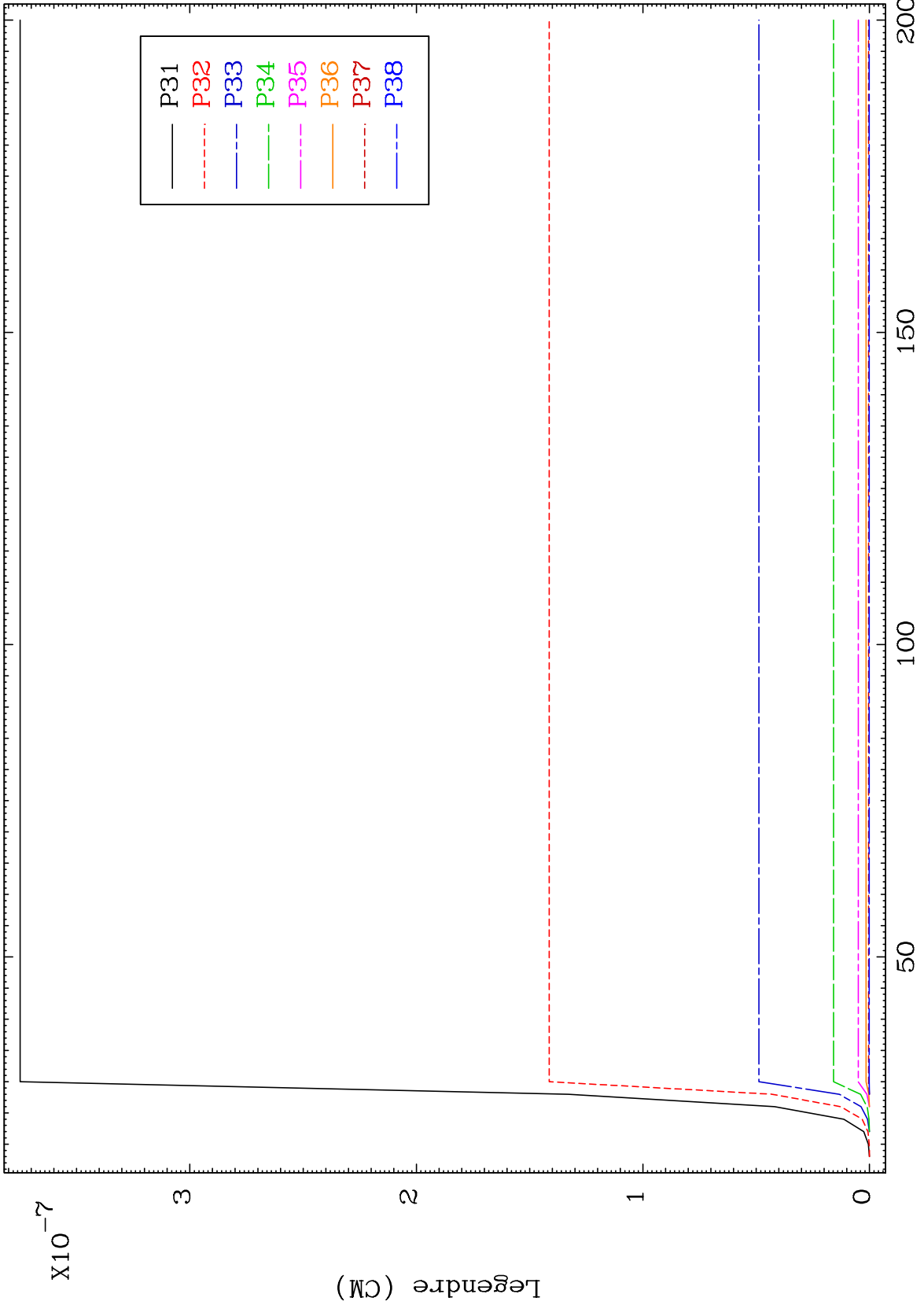
77

84-Po-203

MAT 8416

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

84-Po-203



78

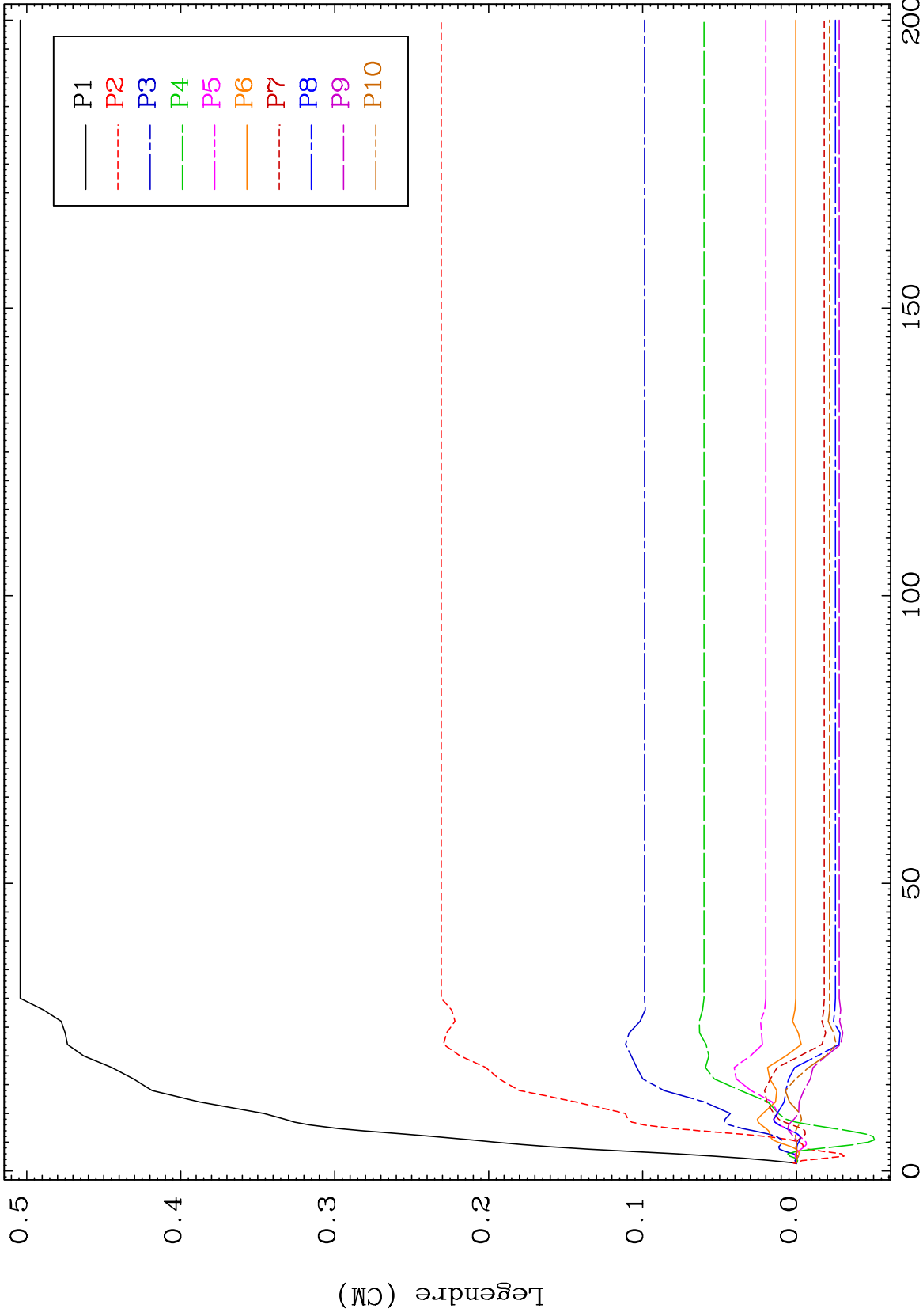
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



79

Incident Energy (MeV)

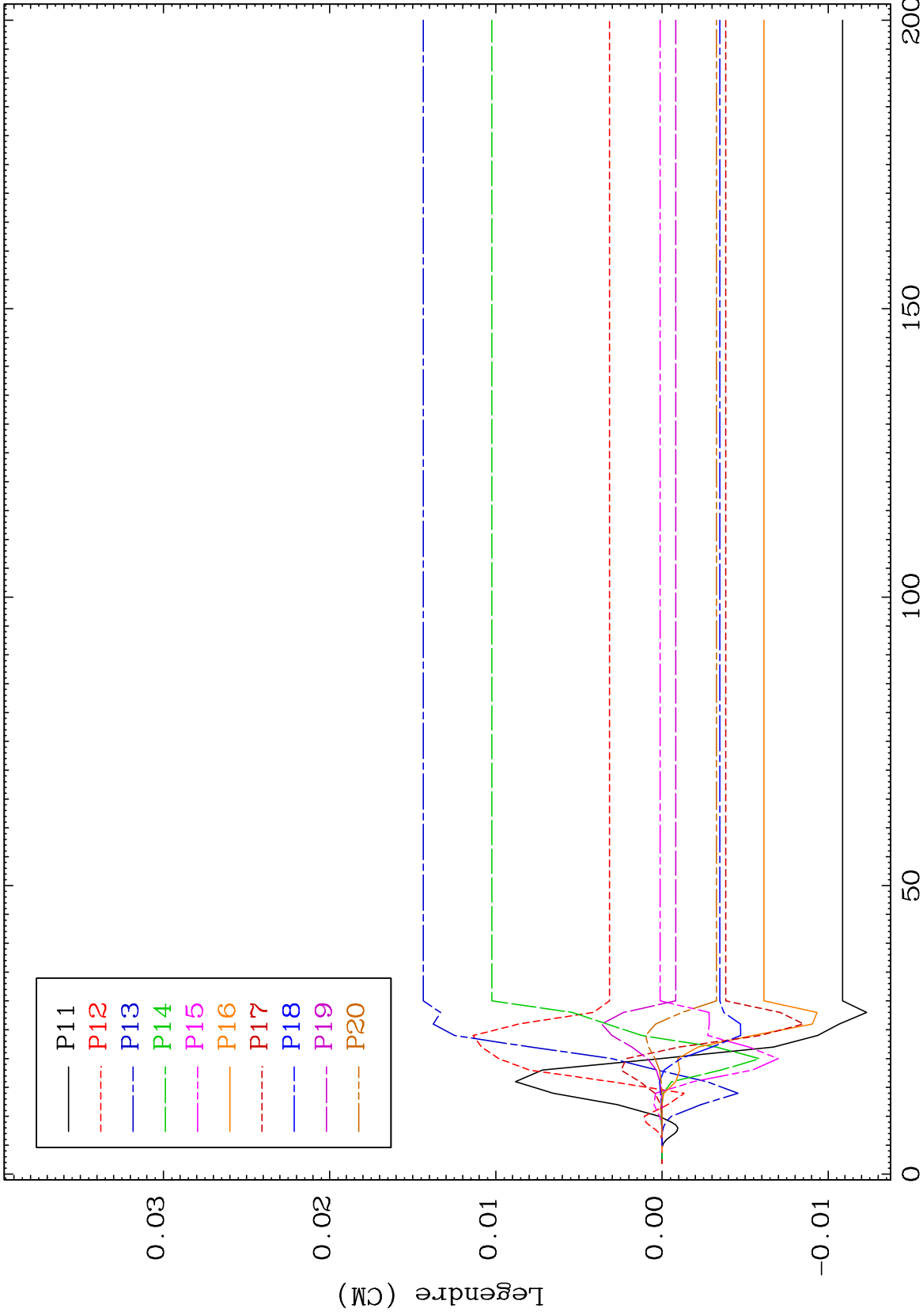
84-Po-203



MAT 8416

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

84-Po-203



80

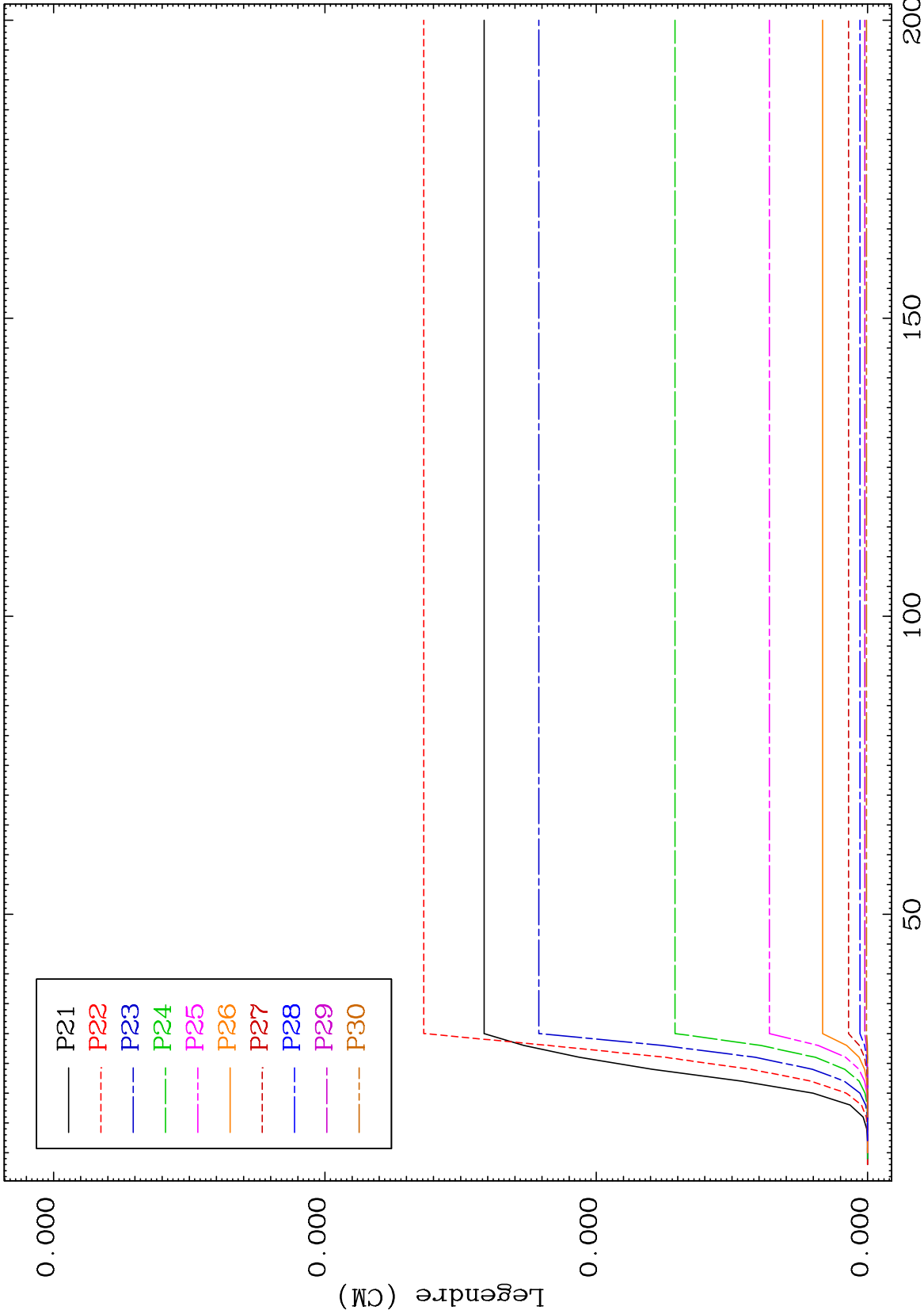
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



81

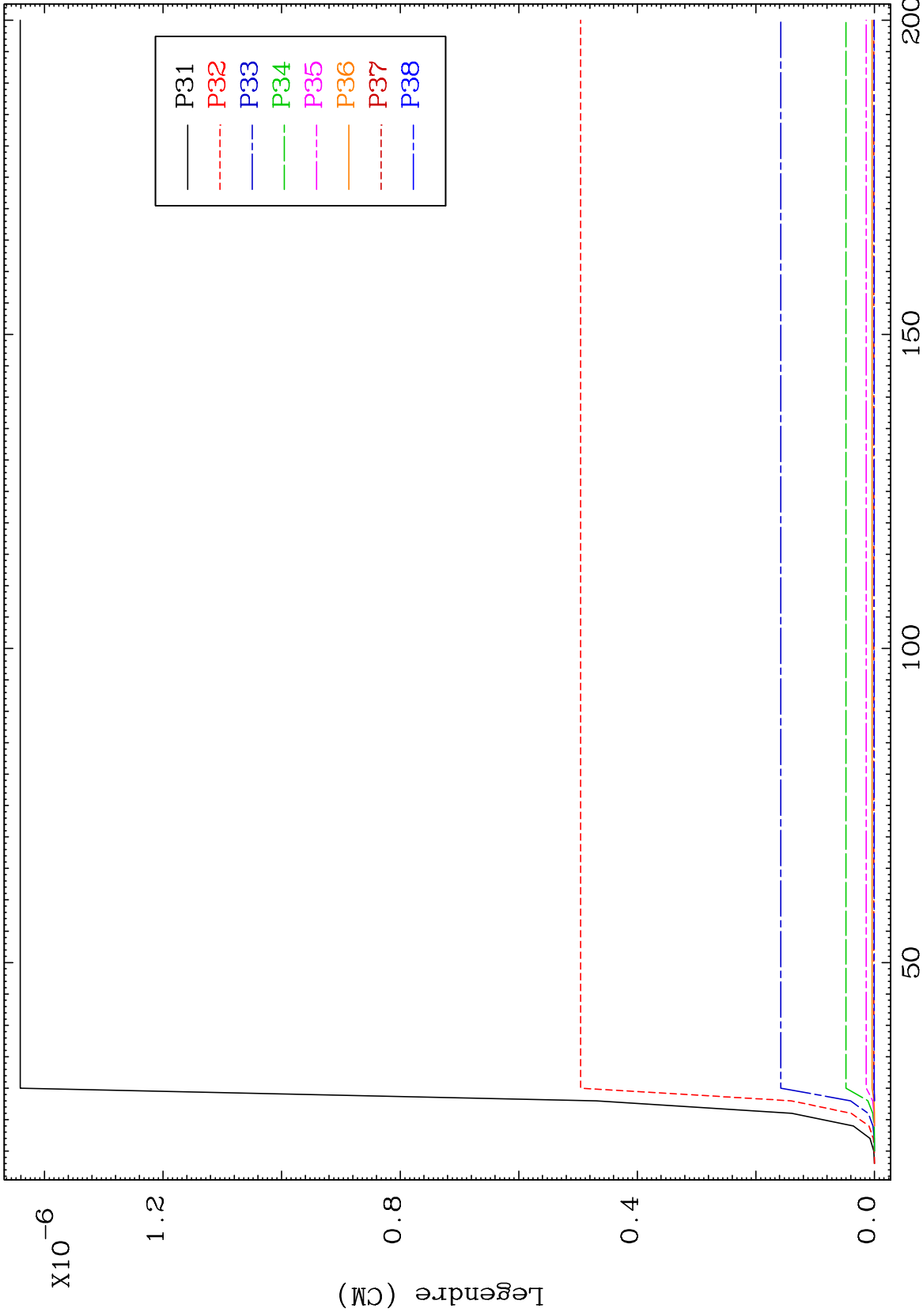
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



82

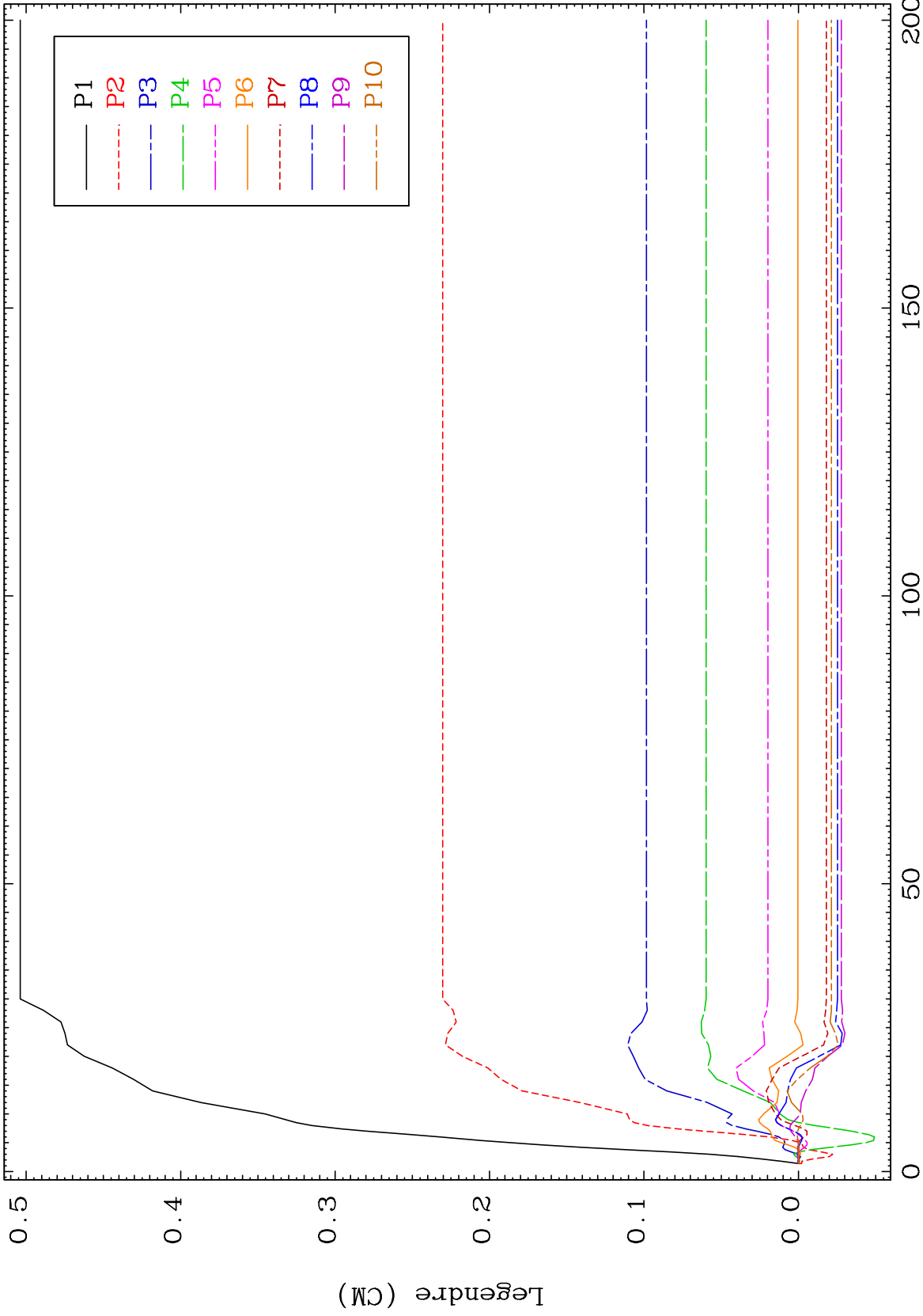
84-Po-203

84-Po-203

MAT 8416

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

84-Po-203



83

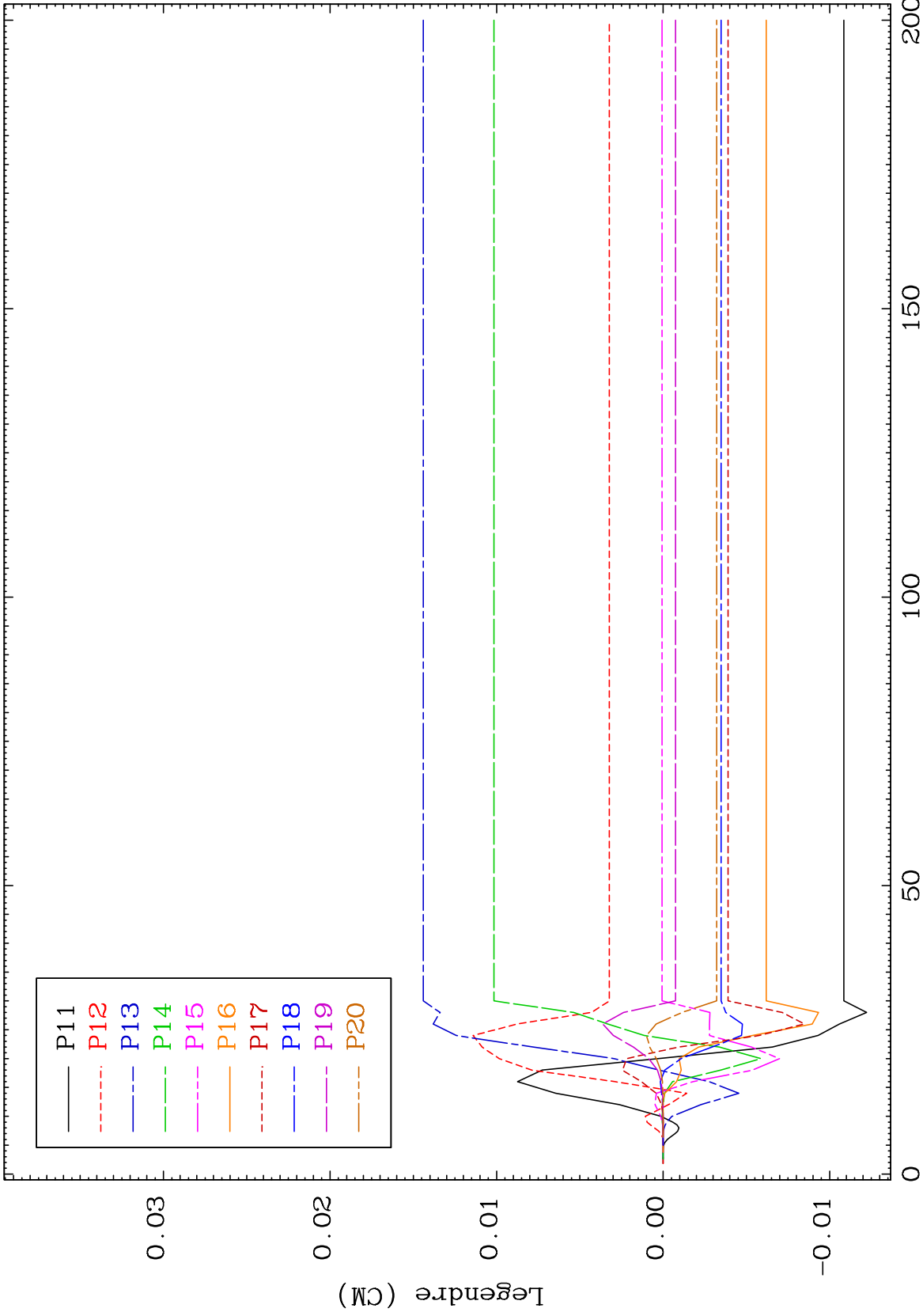
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



84

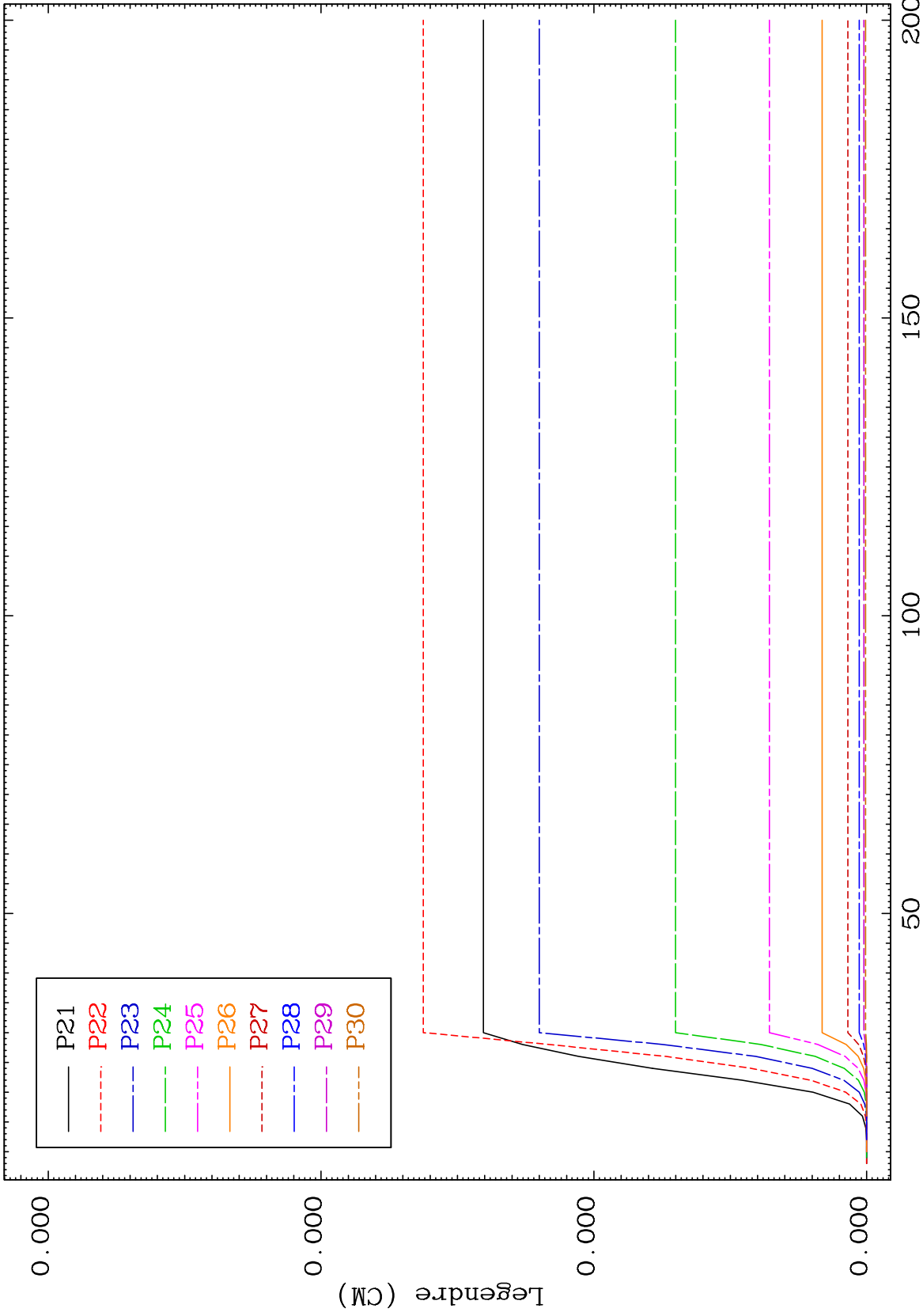
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



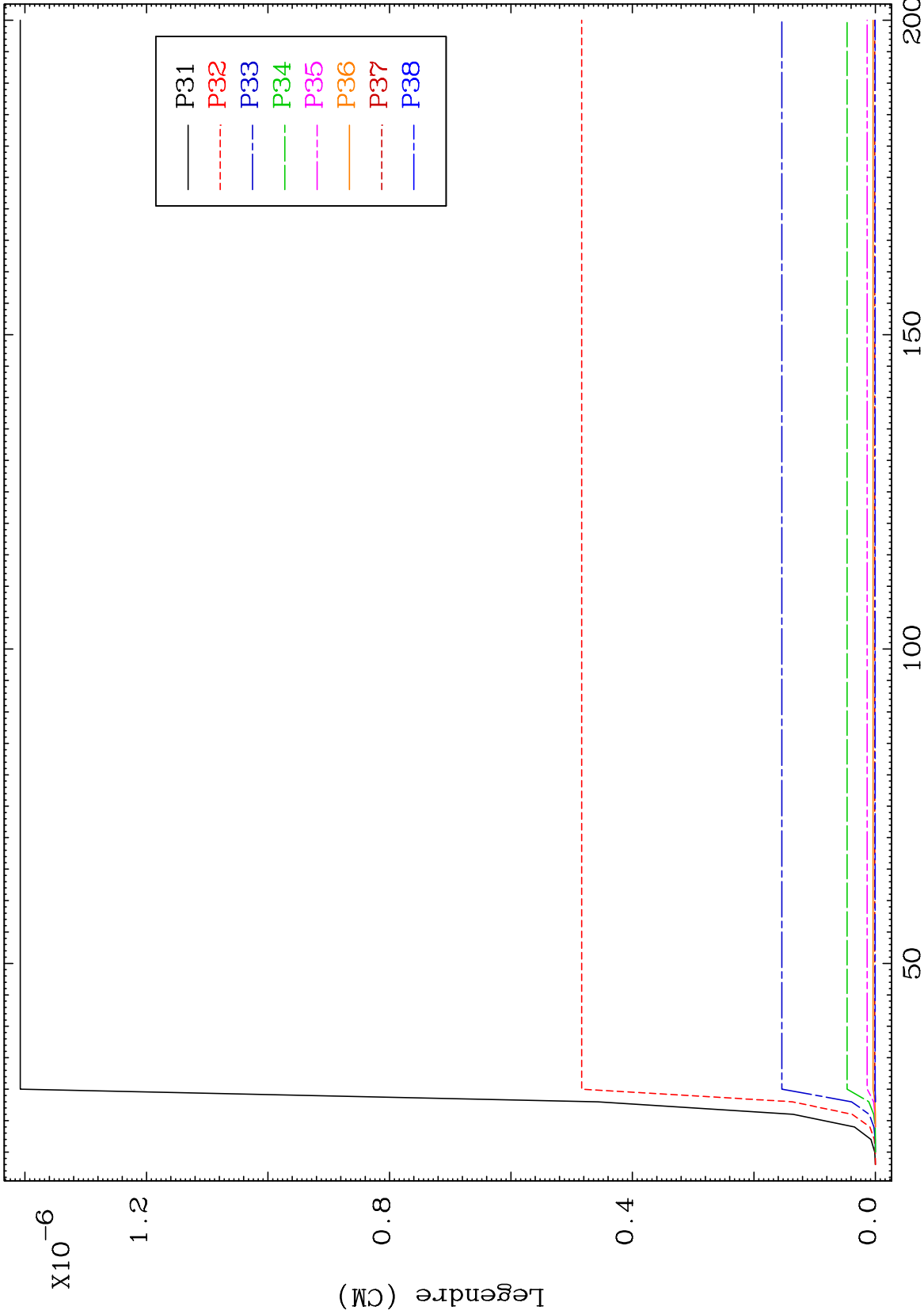
85

84-Po-203

MAT 8416

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

84-Po-203



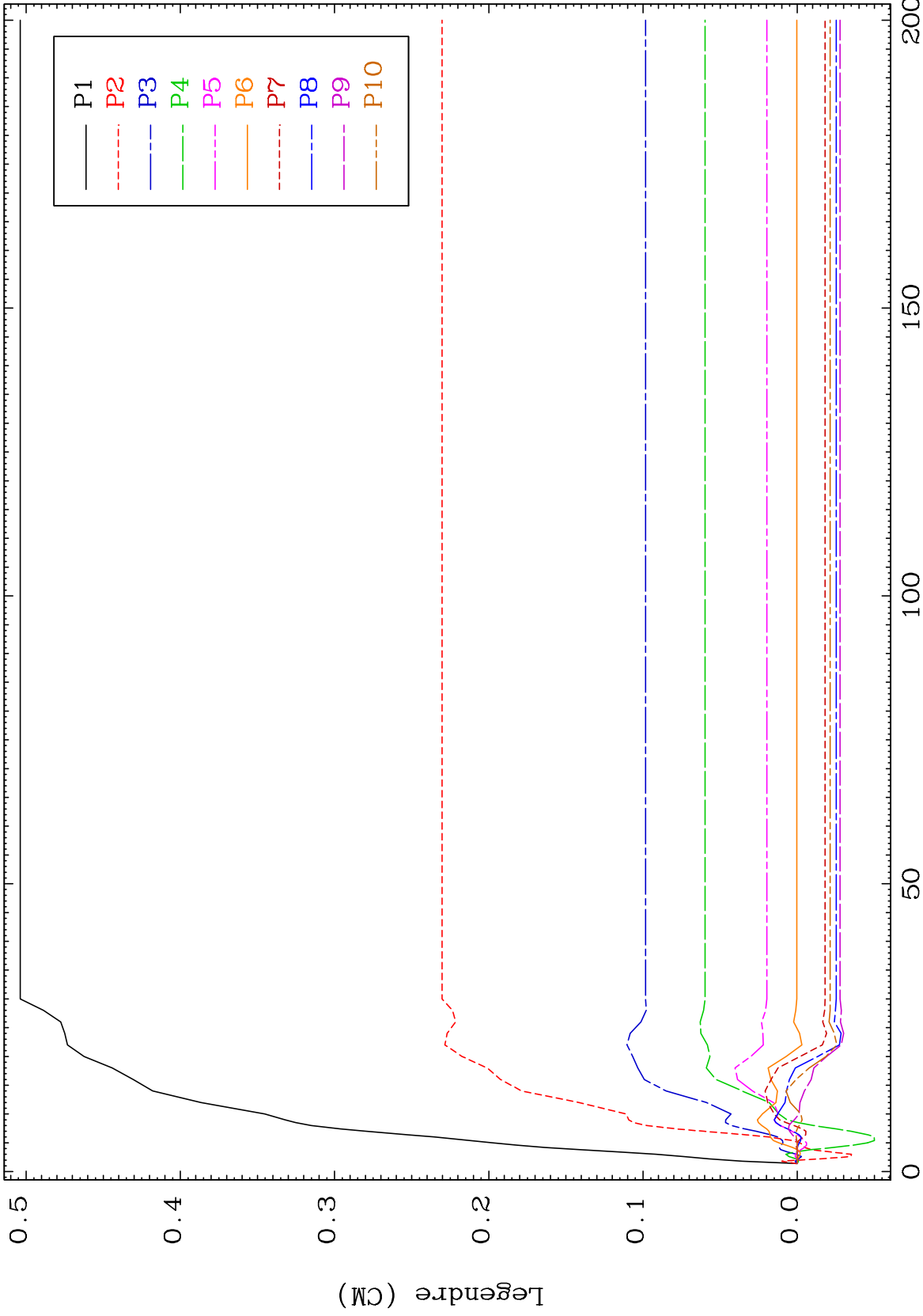
86

84-Po-203

MAT 8416

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

84-Po-203



87

Incident Energy (MeV)

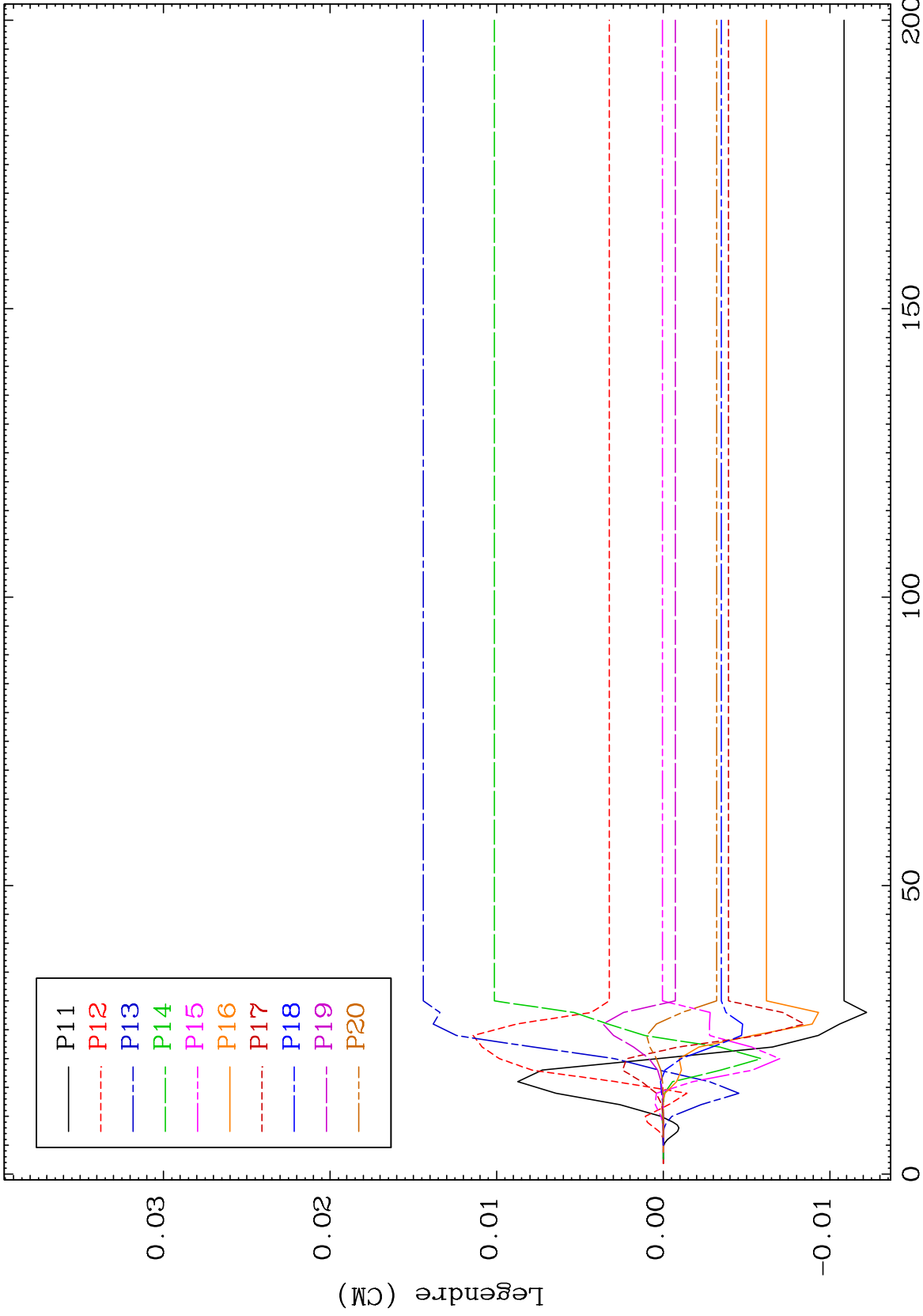
84-Po-203



MAT 8416

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

84-Po-203



88

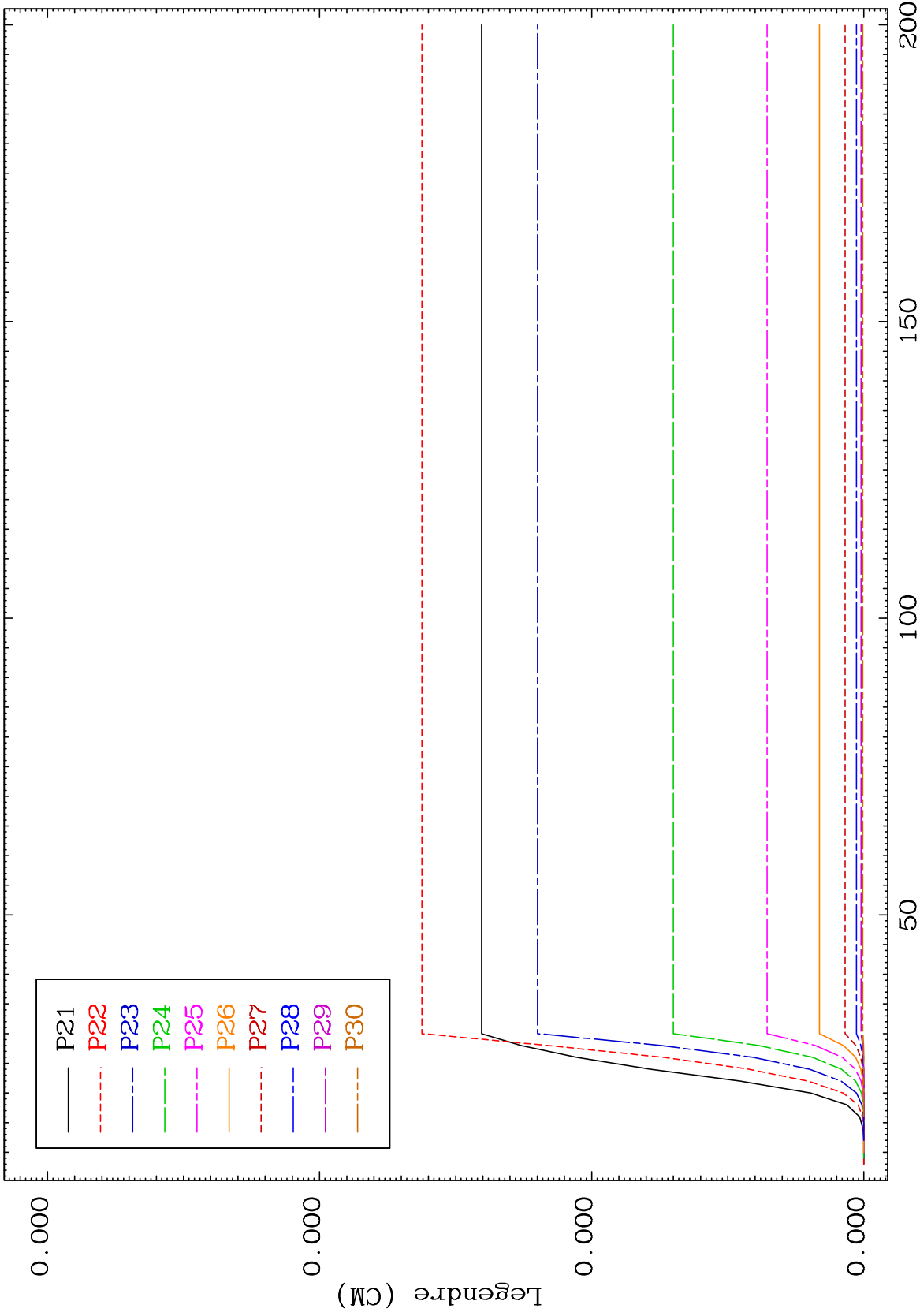
Incident Energy (MeV)

84-Po-203

MAT 8416

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

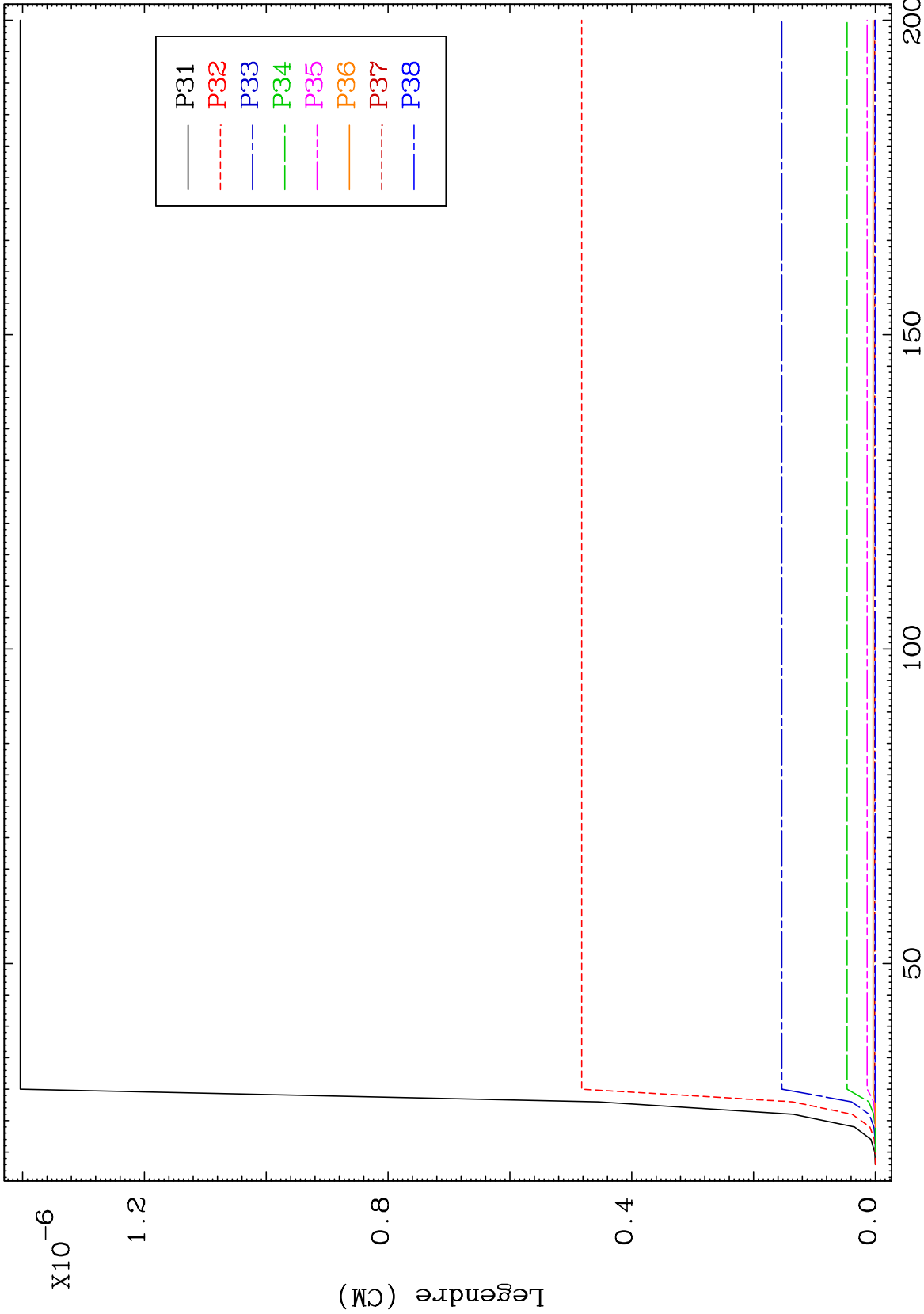
84-Po-203



MAT 8416

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

84-Po-203



90

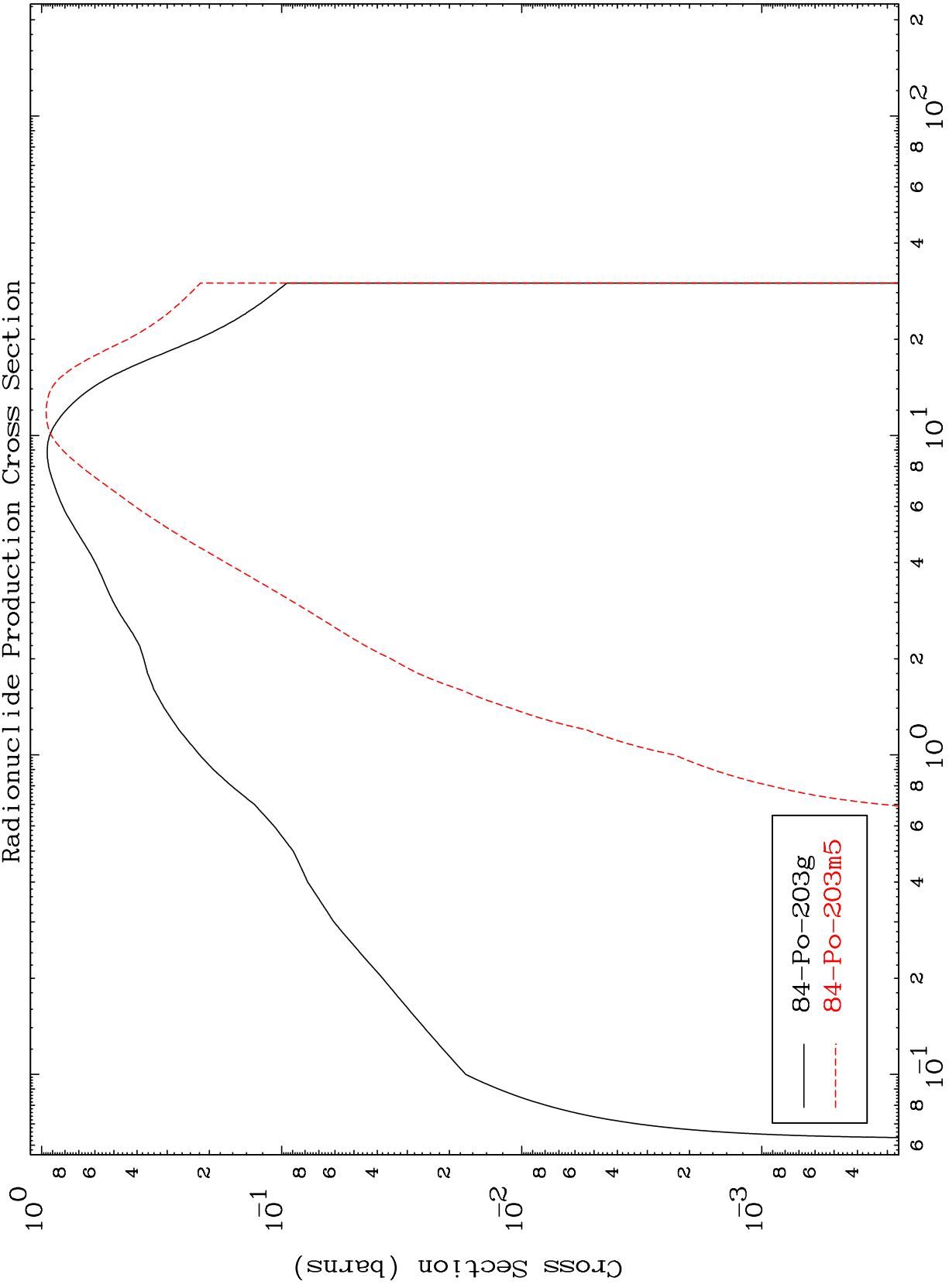
Incident Energy (MeV)

84-Po-203

MAT 8416

Inelastic  
Radionuclide Production Cross Section

84-Po-203



91

Incident Energy (MeV)

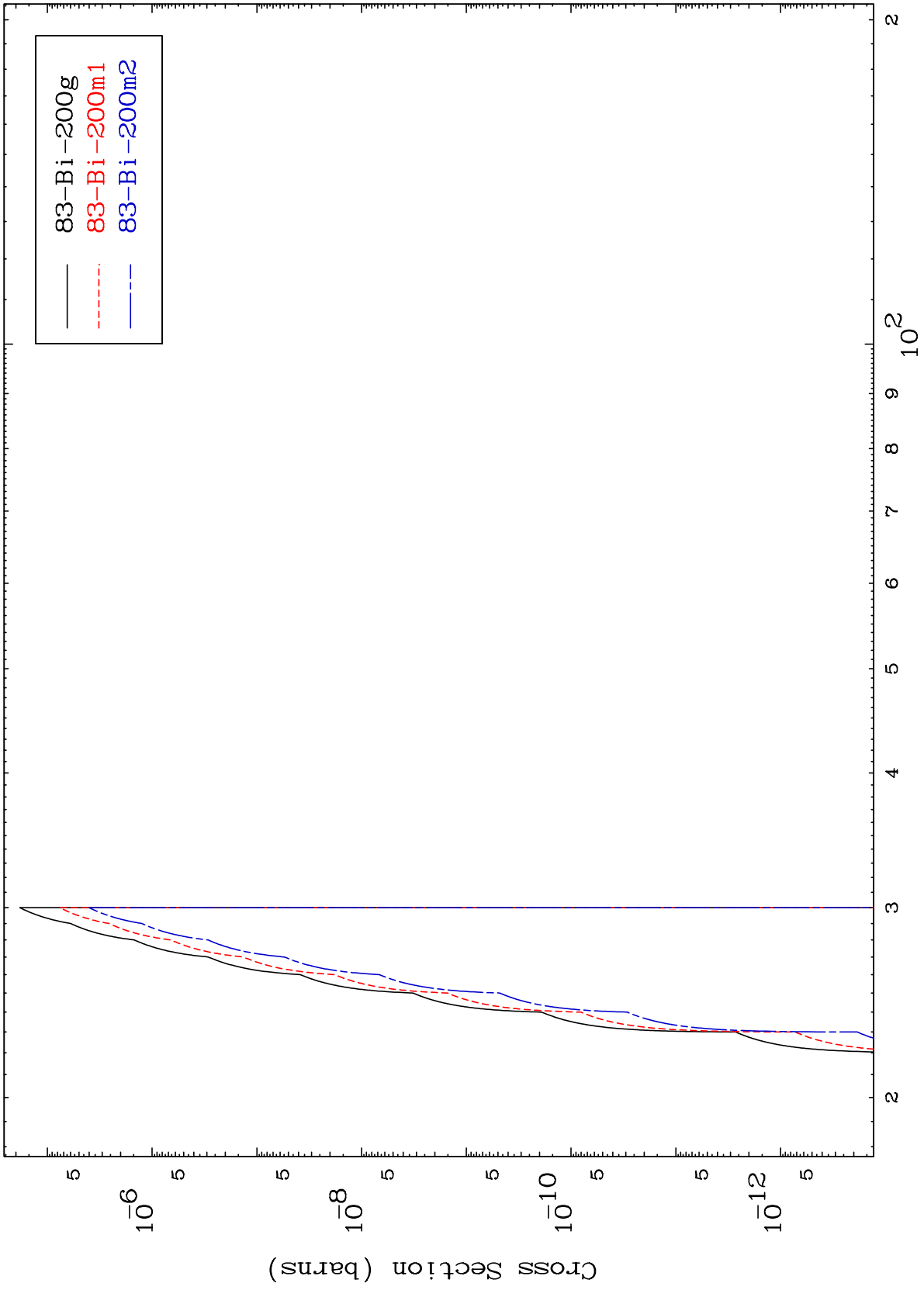
84-Po-203

MAT 8416

(n,2n) d

84-Po-203

Radionuclide Production Cross Section



92

Incident Energy (MeV)

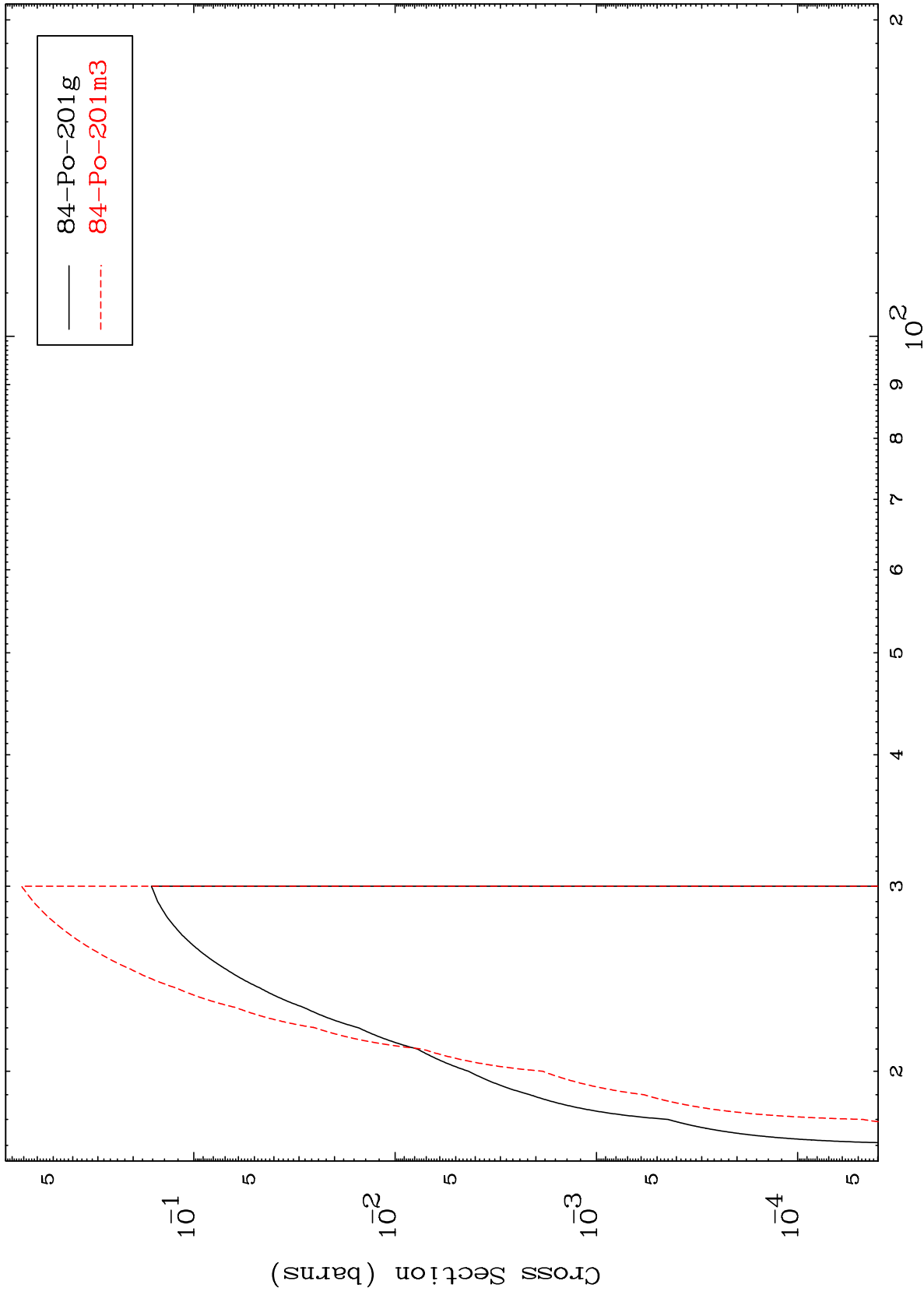
84-Po-203

MAT 8416

(n,3n)

84-Po-203

Radionuclide Production Cross Section



93

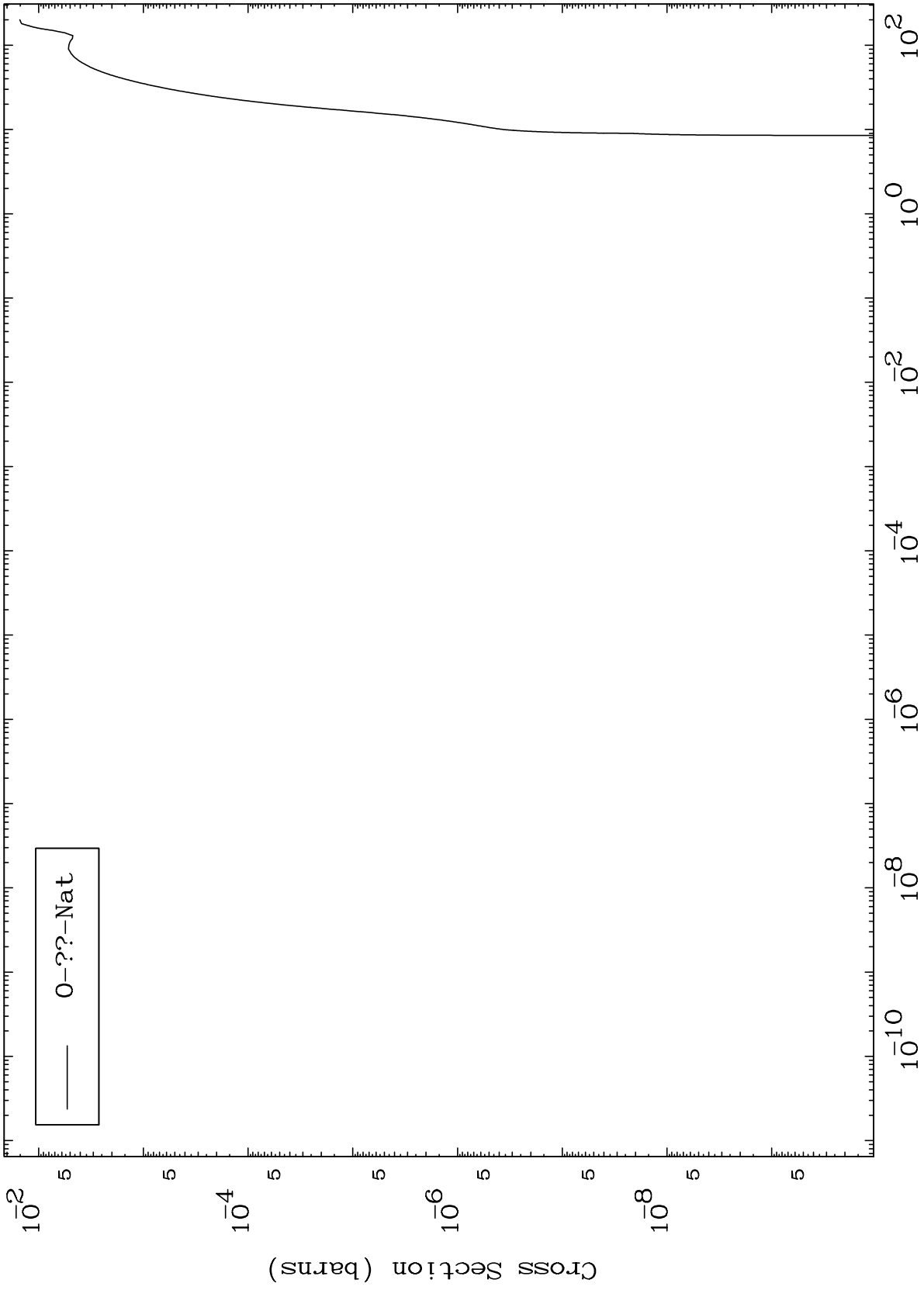
Incident Energy (MeV)

84-Po-203

MAT 8416

Fission  
Radionuclide Production Cross Section

84-Po-203



94

Incident Energy (MeV)

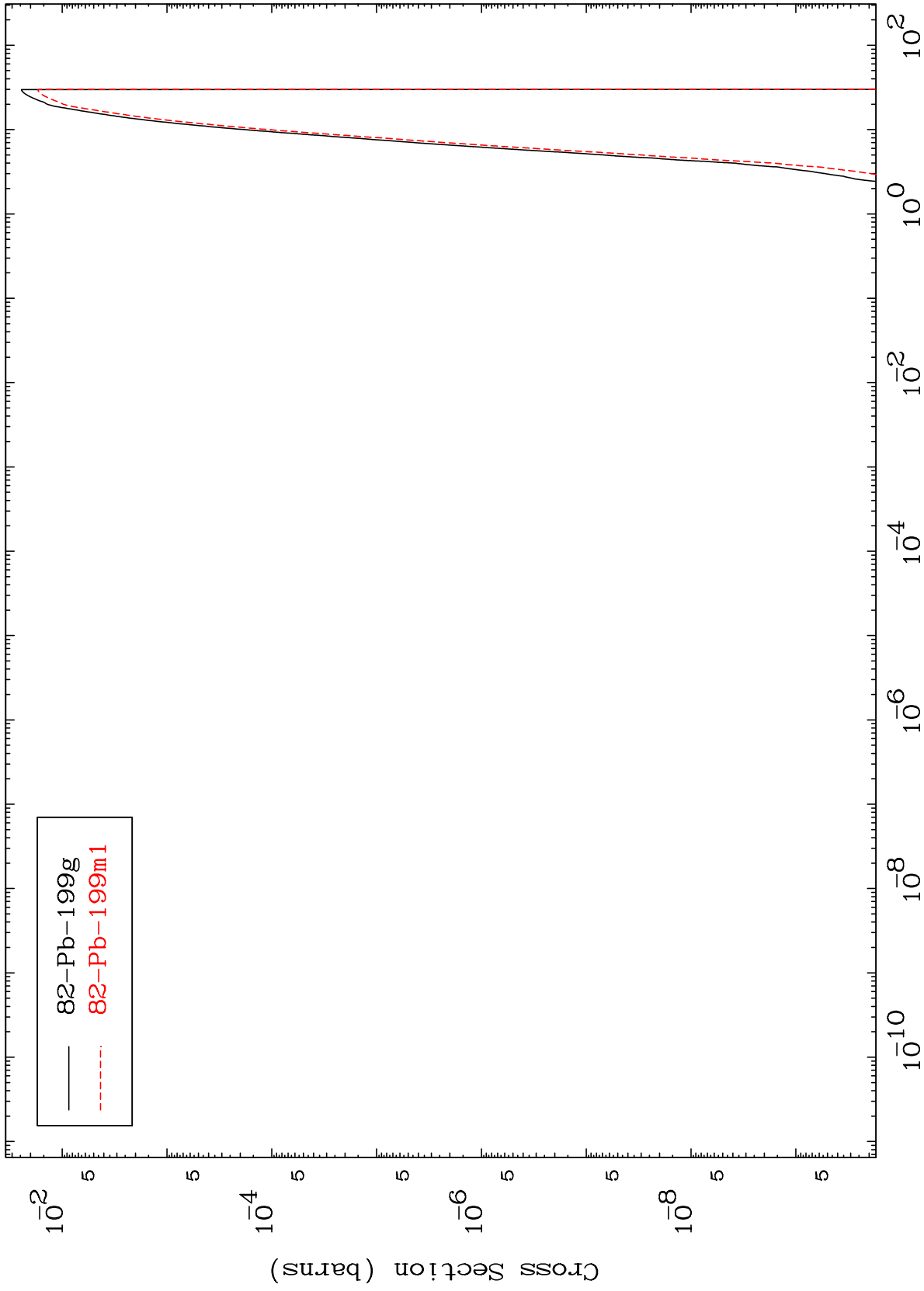
84-Po-203

MAT 8416

(n,n')  $\alpha$

84-Po-203

Radionuclide Production Cross Section



95

84-Po-203

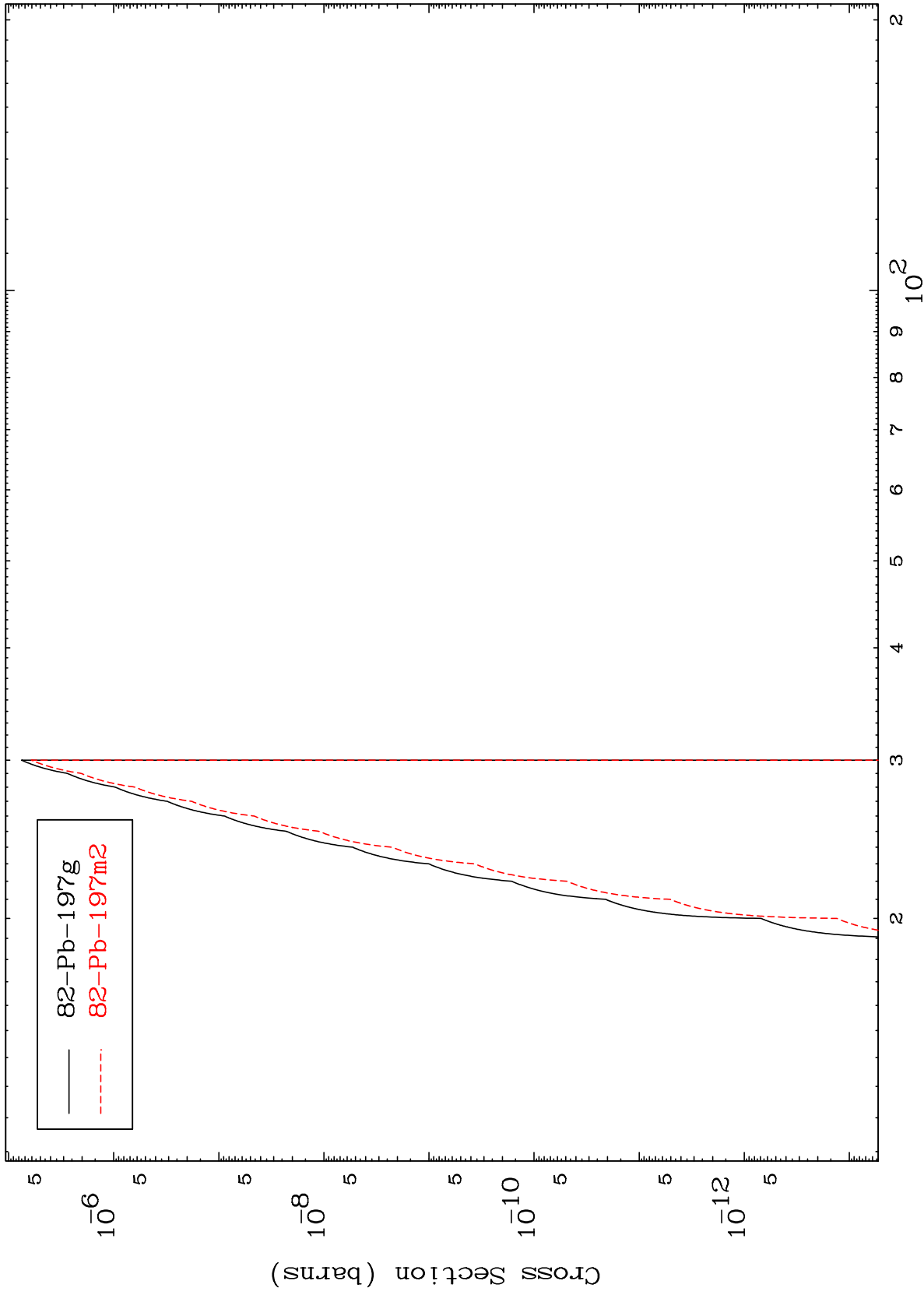


MAT 8416

(n,3n)  $\alpha$

84-Po-203

Radionuclide Production Cross Section



96

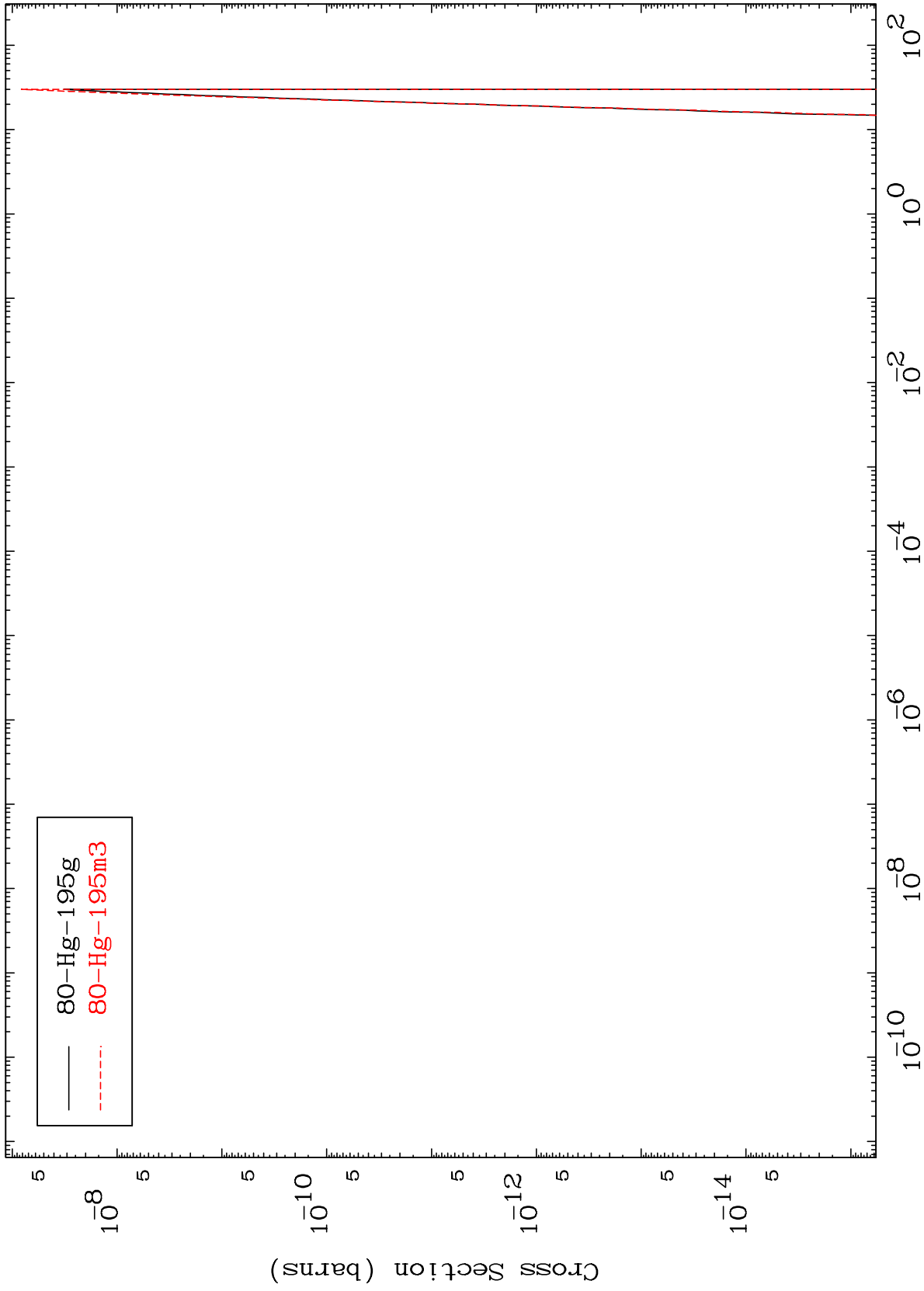
84-Po-203

MAT 8416

(n,n') 2 $\alpha$

84-Po-203

Radionuclide Production Cross Section



97

Incident Energy (MeV)

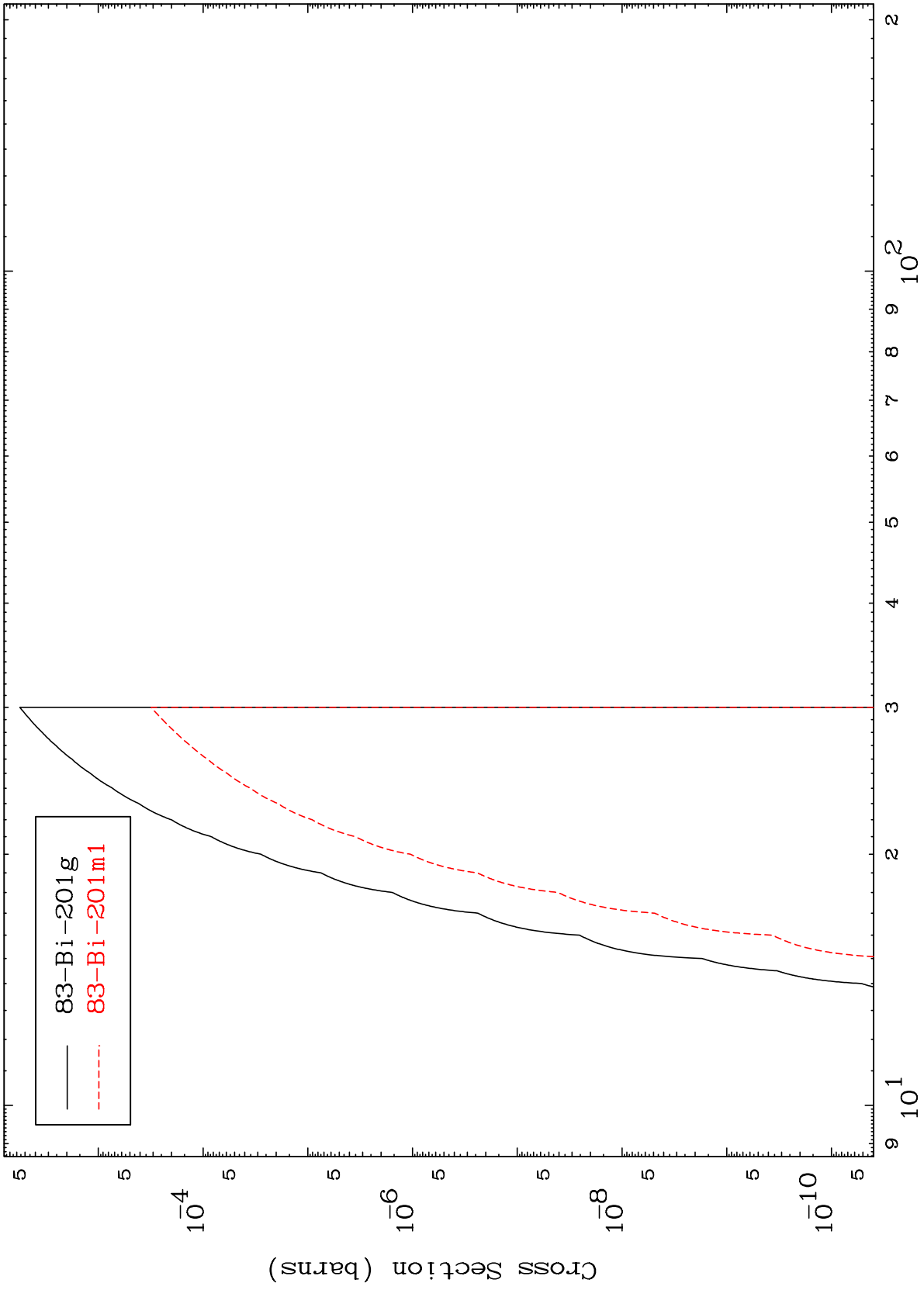
84-Po-203

MAT 8416

(n,n') d

84-Po-203

Radionuclide Production Cross Section



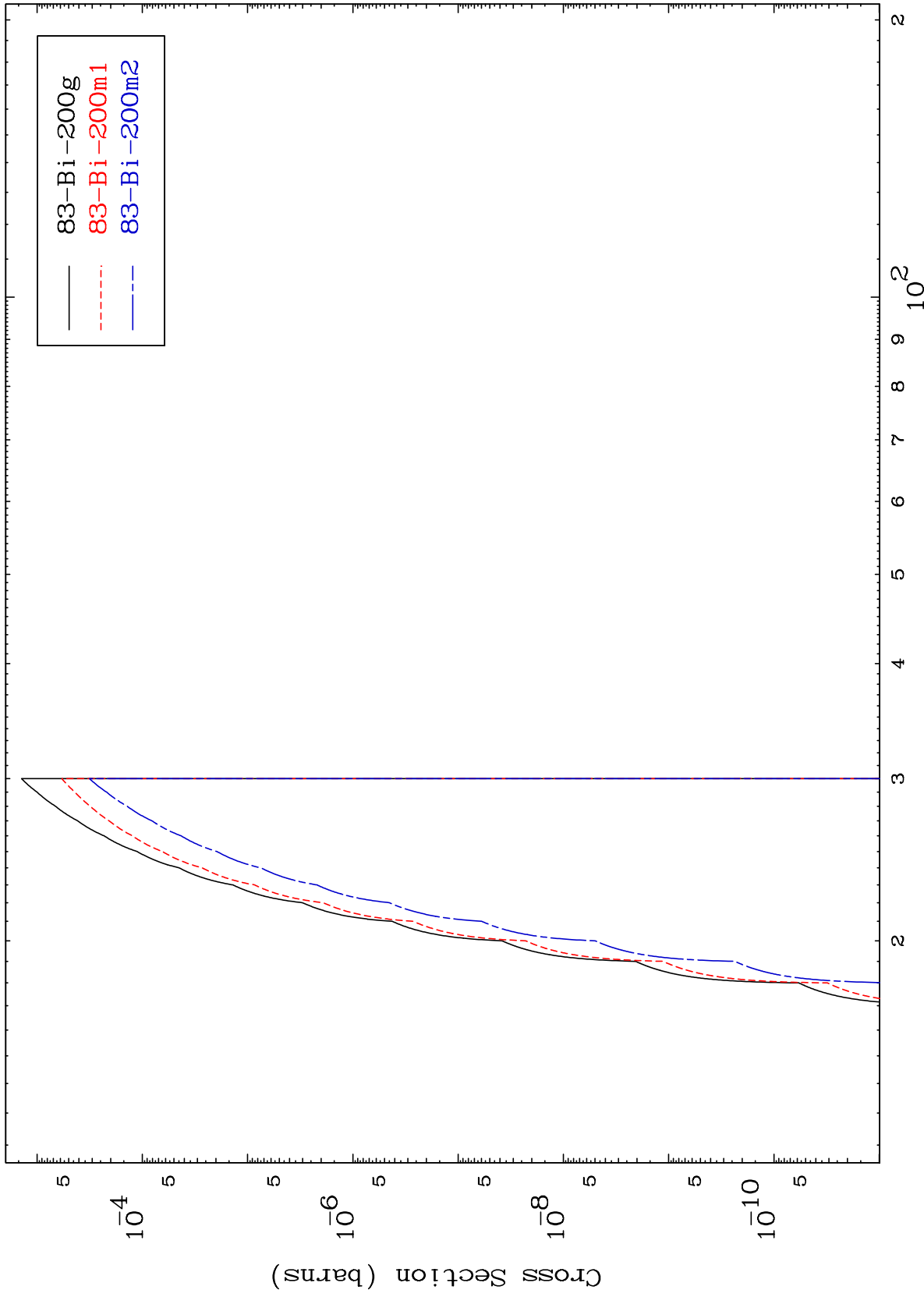
83-Bi-201g  
83-Bi-201m1

MAT 8416

(n,n') t

84-Po-203

Radionuclide Production Cross Section



99

Incident Energy (MeV)

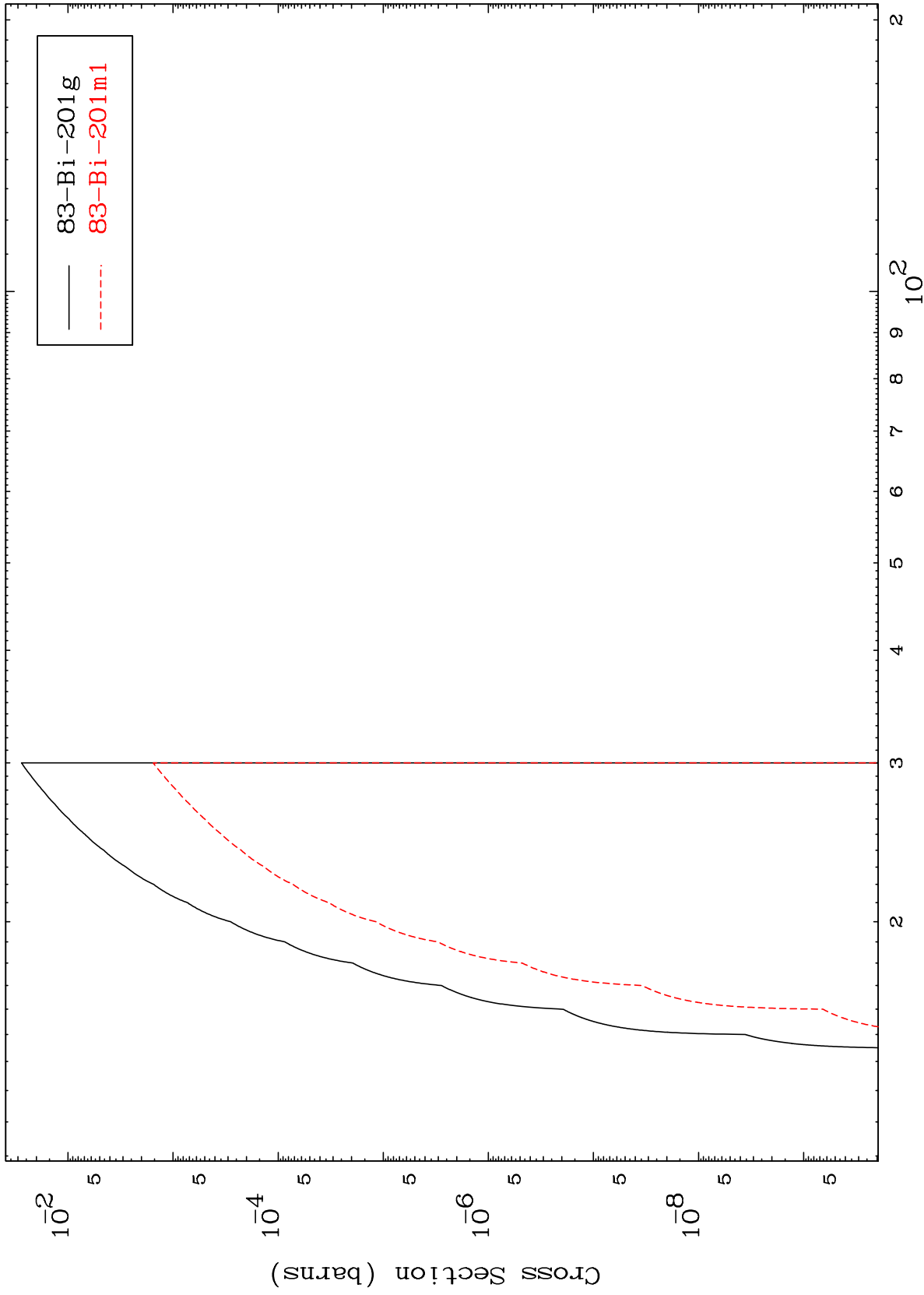
84-Po-203

MAT 8416

(n,2n) p

84-Po-203

Radionuclide Production Cross Section



100

Incident Energy (MeV)

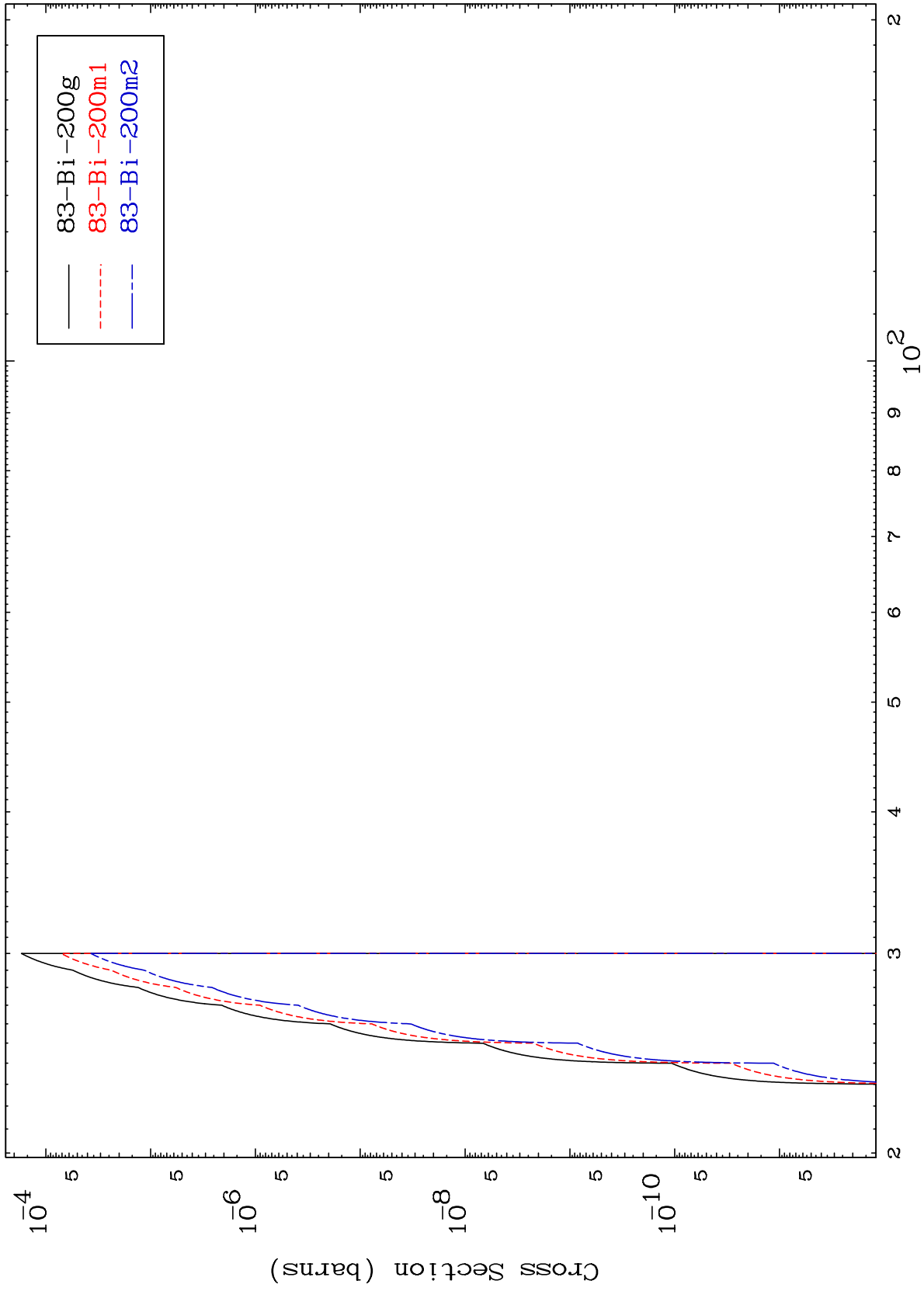
84-Po-203

MAT 8416

(n,3n) p

84-Po-203

Radionuclide Production Cross Section



101

Incident Energy (MeV)

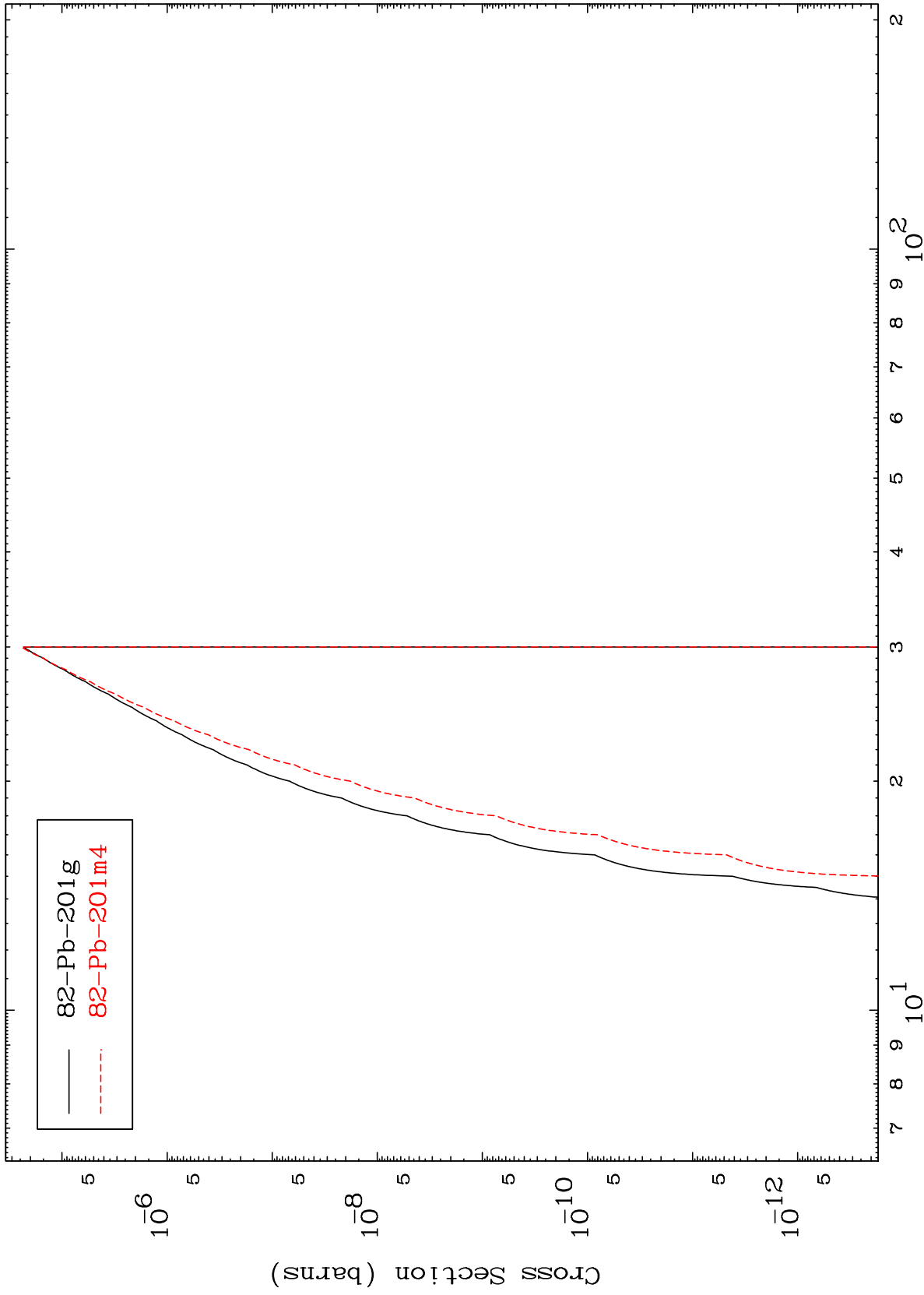
84-Po-203

MAT 8416

(n,2n) p

84-Po-203

Radionuclide Production Cross Section



102

Incident Energy (MeV)

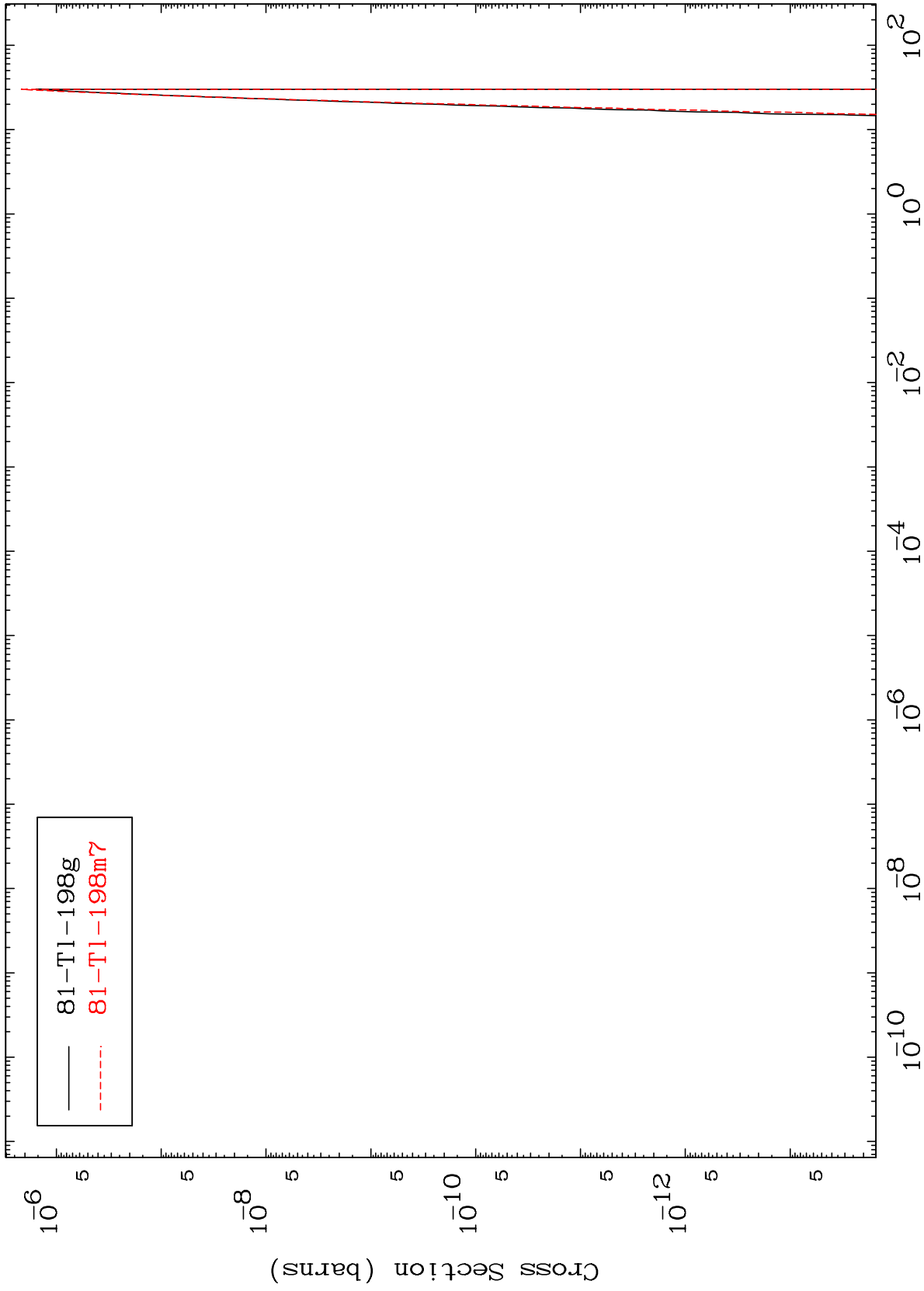
84-Po-203

MAT 8416

(n,n') p  $\alpha$

84-Po-203

Radionuclide Production Cross Section



103

Incident Energy (MeV)

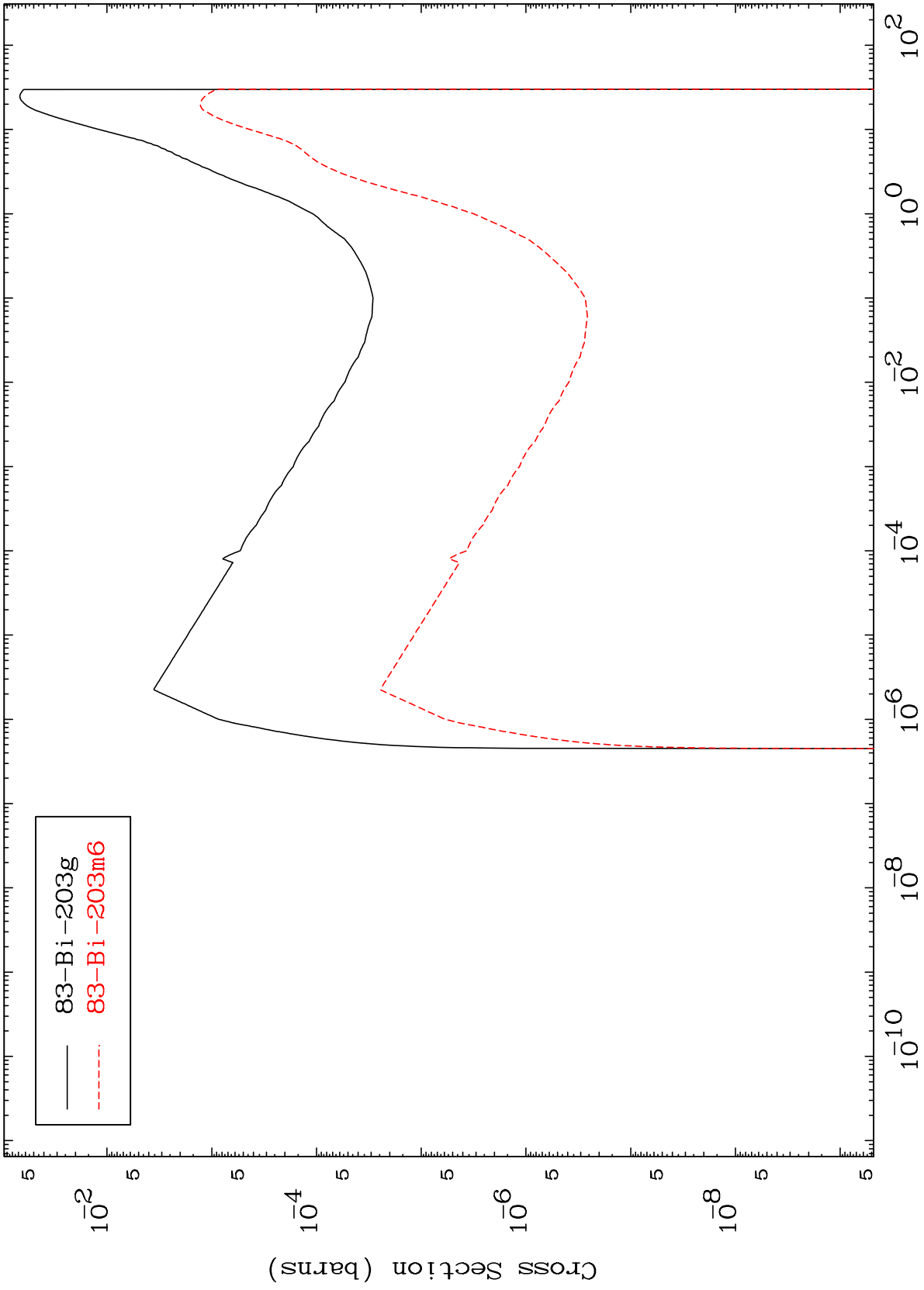
84-Po-203



MAT 8416

84-Po-203

(n,p)  
Radionuclide Production Cross Section



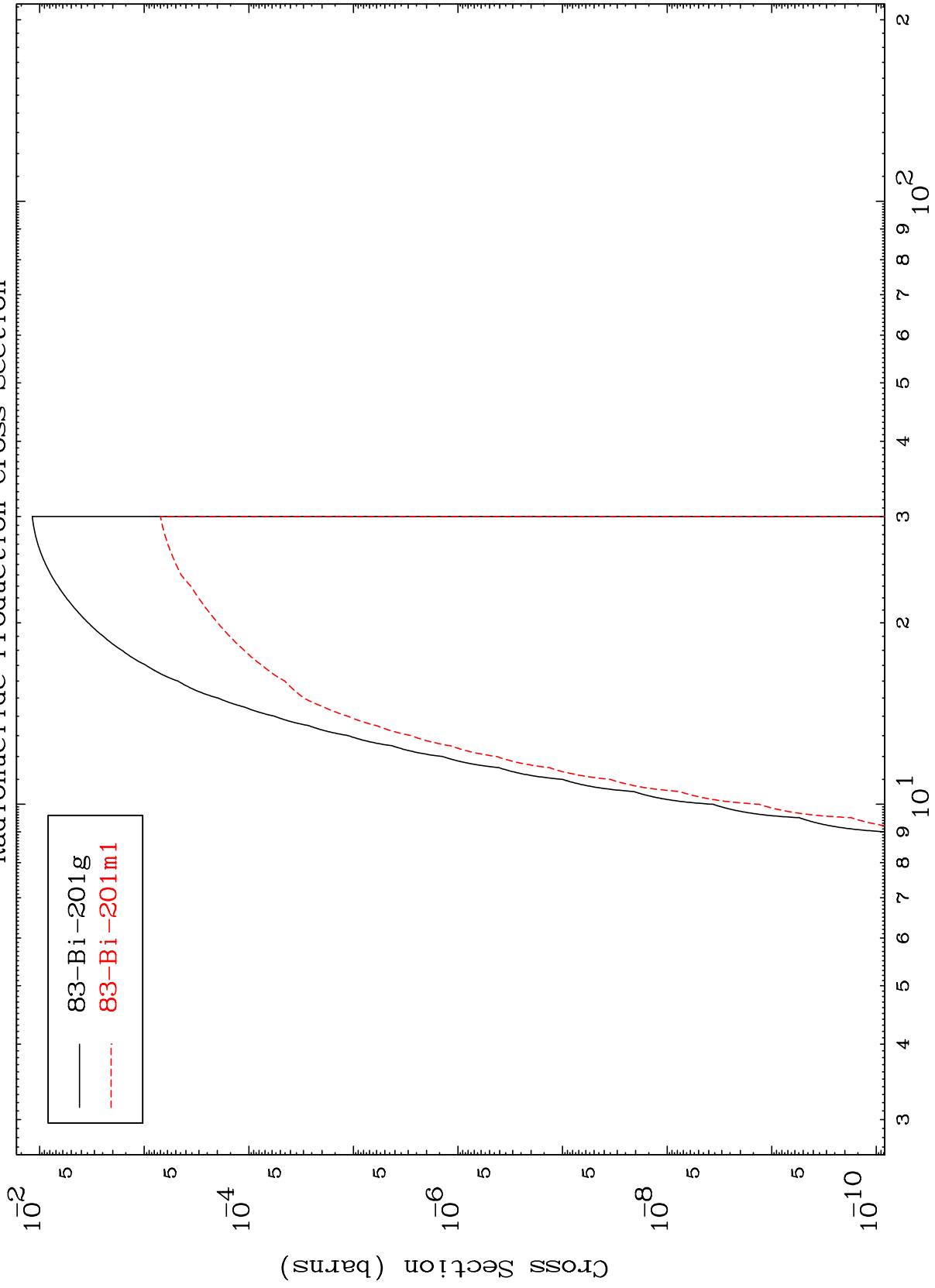
104

84-Po-203

MAT 8416

84-Po-203

(n, t)  
Radionuclide Production Cross Section



105

Incident Energy (MeV)

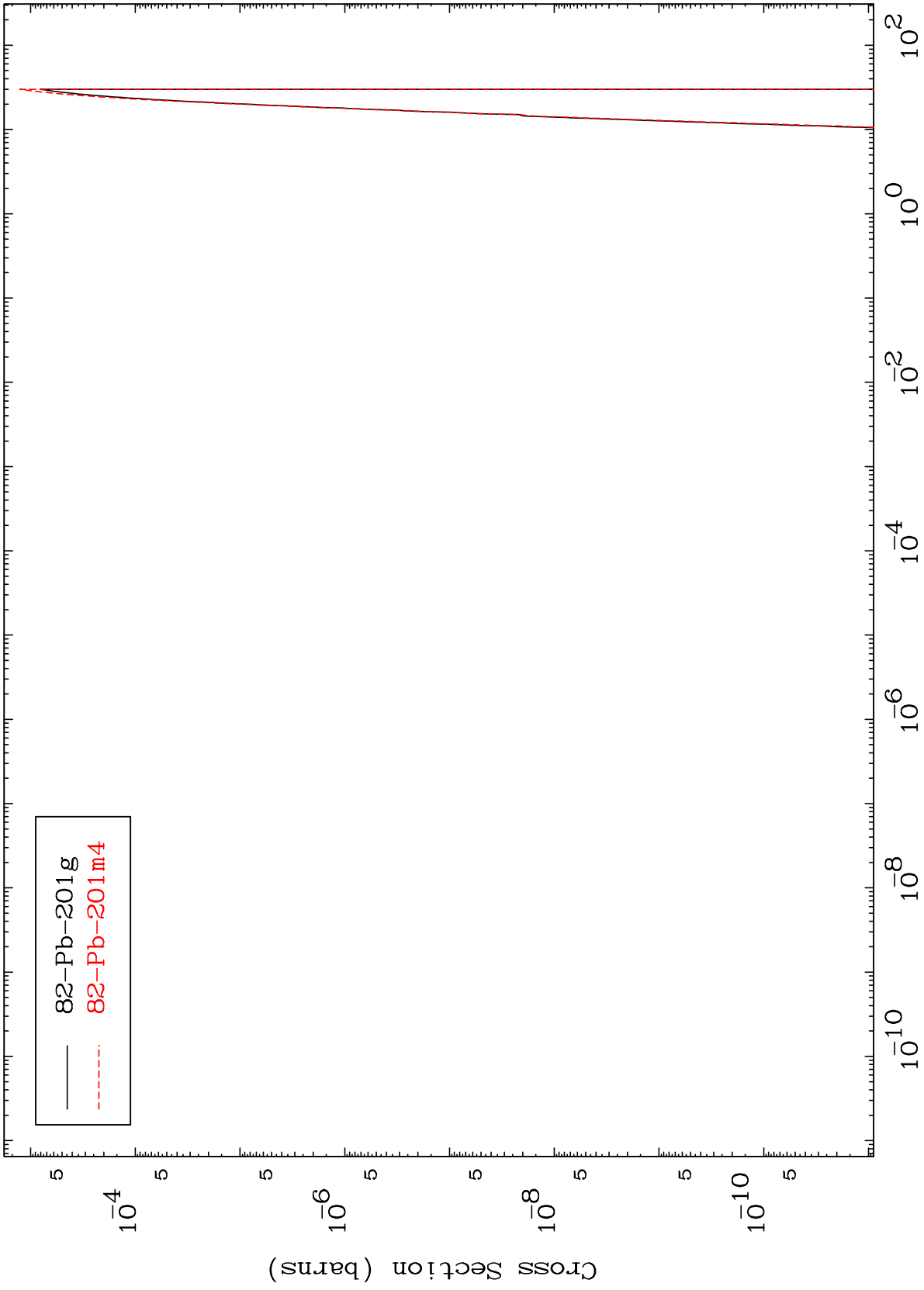
84-Po-203

MAT 8416

(n, He-3)

84-Po-203

Radionuclide Production Cross Section



106

Incident Energy (MeV)

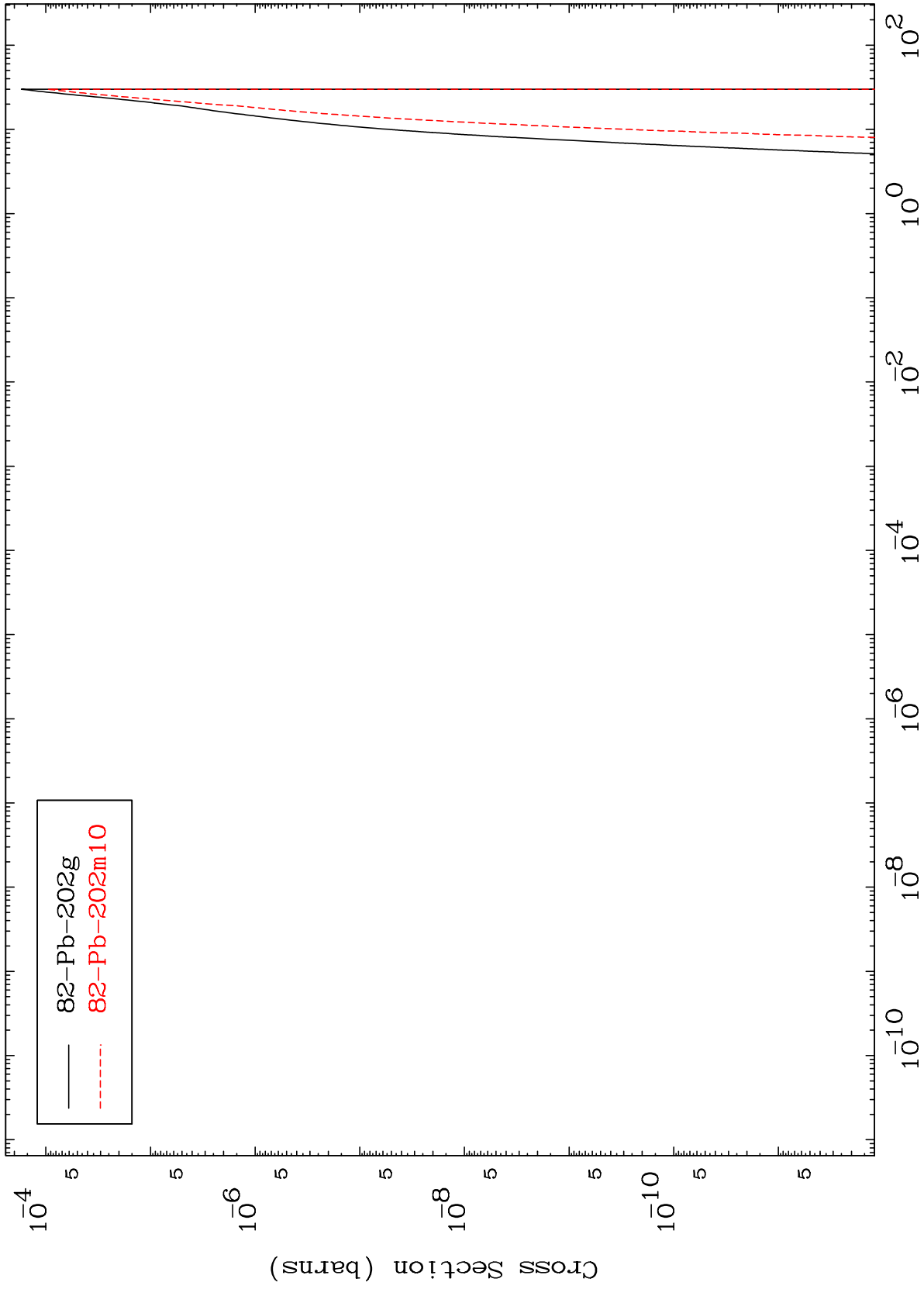
84-Po-203

MAT 8416

(n,2p)

84-Po-203

Radionuclide Production Cross Section



107

Incident Energy (MeV)

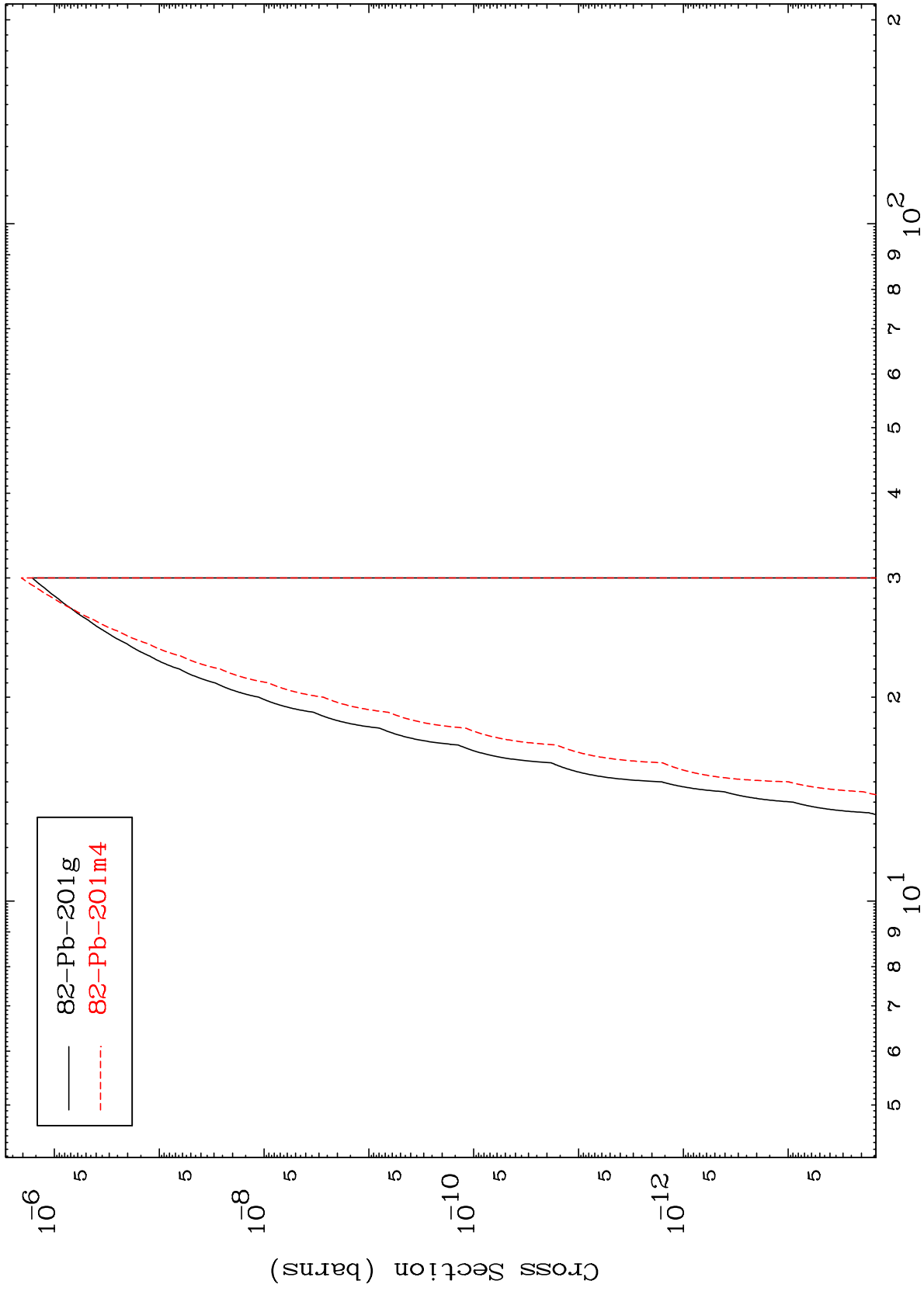
84-Po-203

MAT 8416

(n,p) d

84-Po-203

Radionuclide Production Cross Section



108

Incident Energy (MeV)

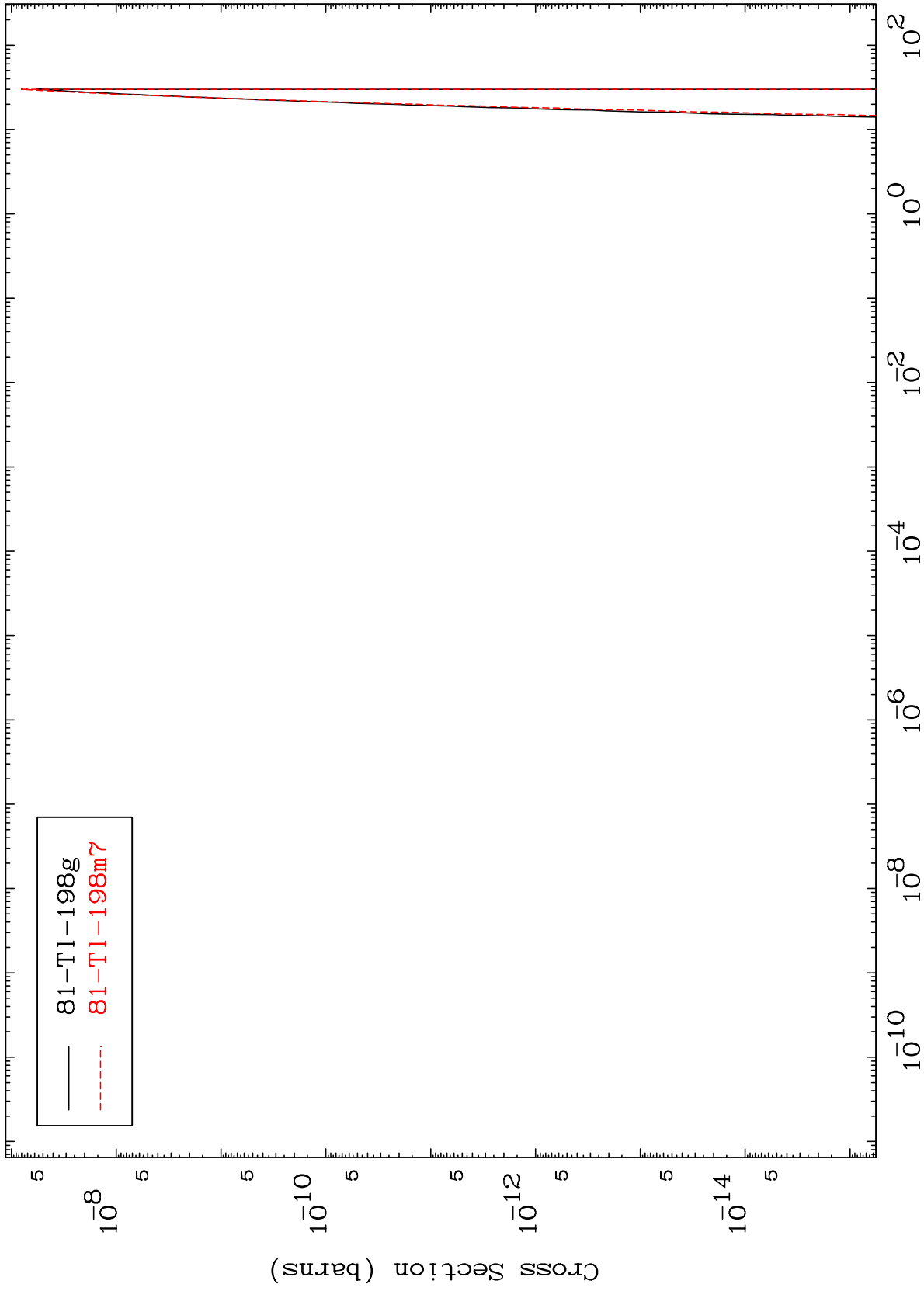
84-Po-203

MAT 8416

(n,d)  $\alpha$

84-Po-203

Radionuclide Production Cross Section



109

Incident Energy (MeV)

84-Po-203