

Program EVALPLOT
(Version 2021-1)

by

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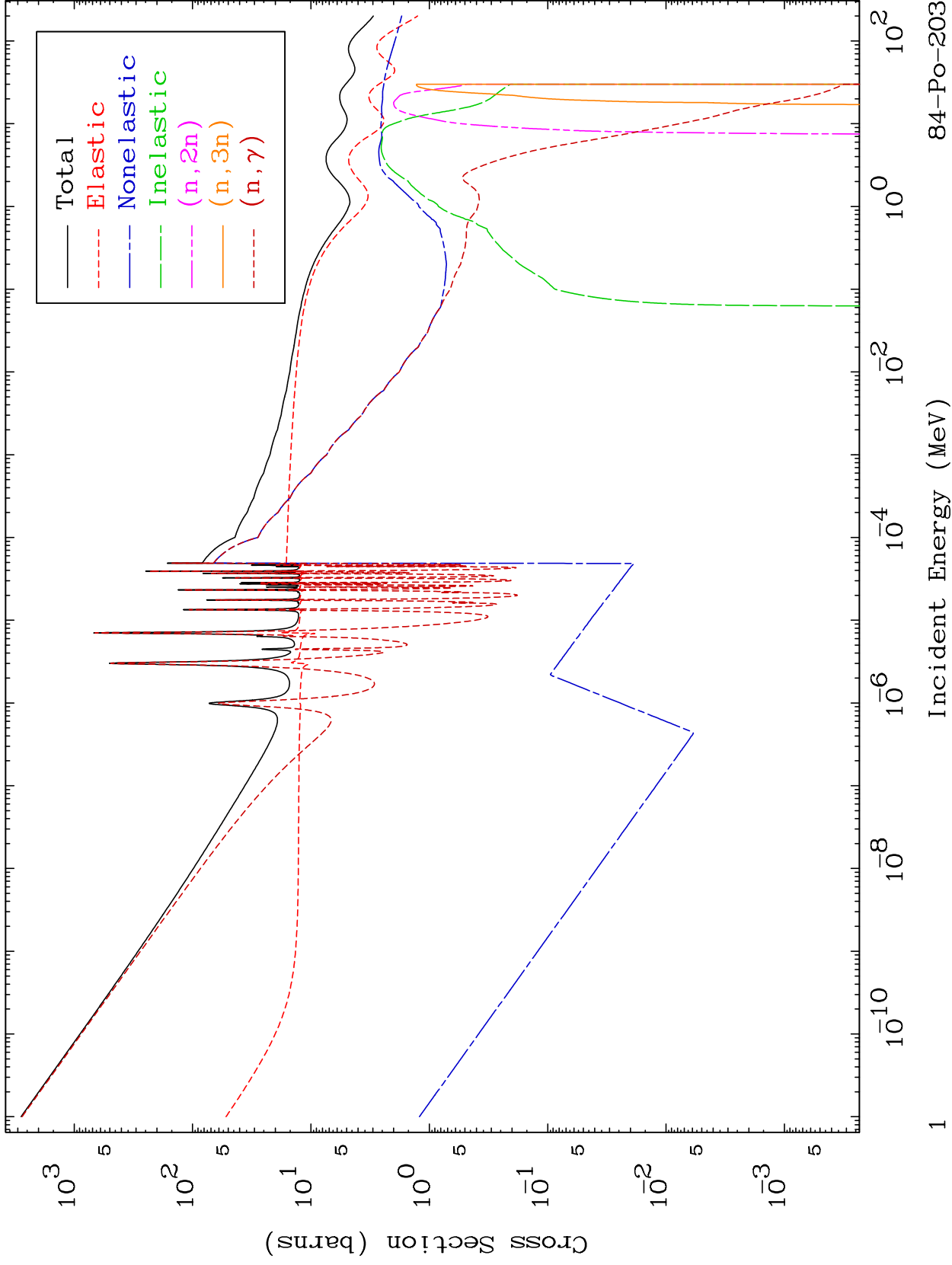
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8416

Neutron Major
293 Kelvin Cross Sections

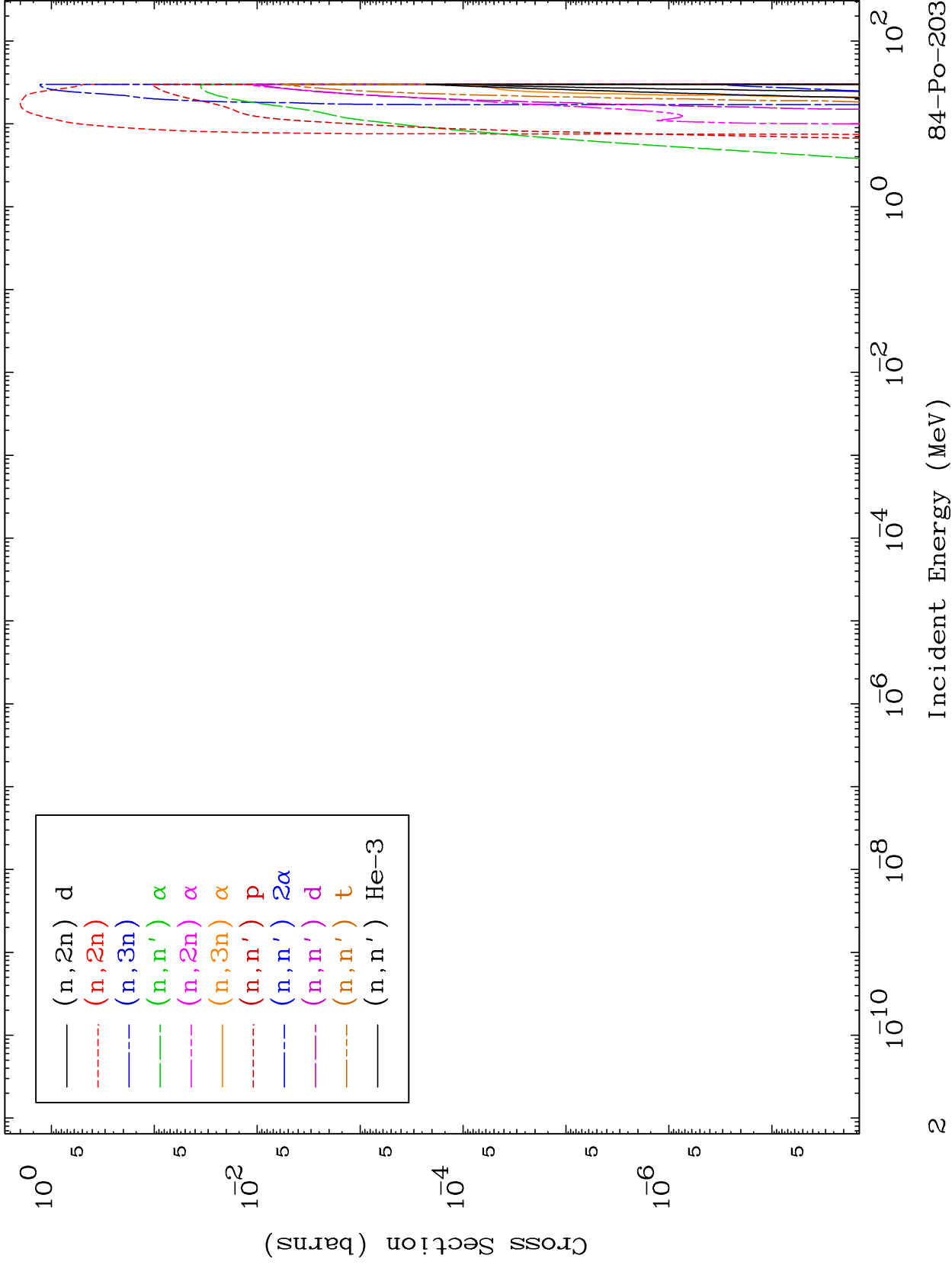
84-Po-203



MAT 8416

Neutron Absorption
293 Kelvin Cross Sections

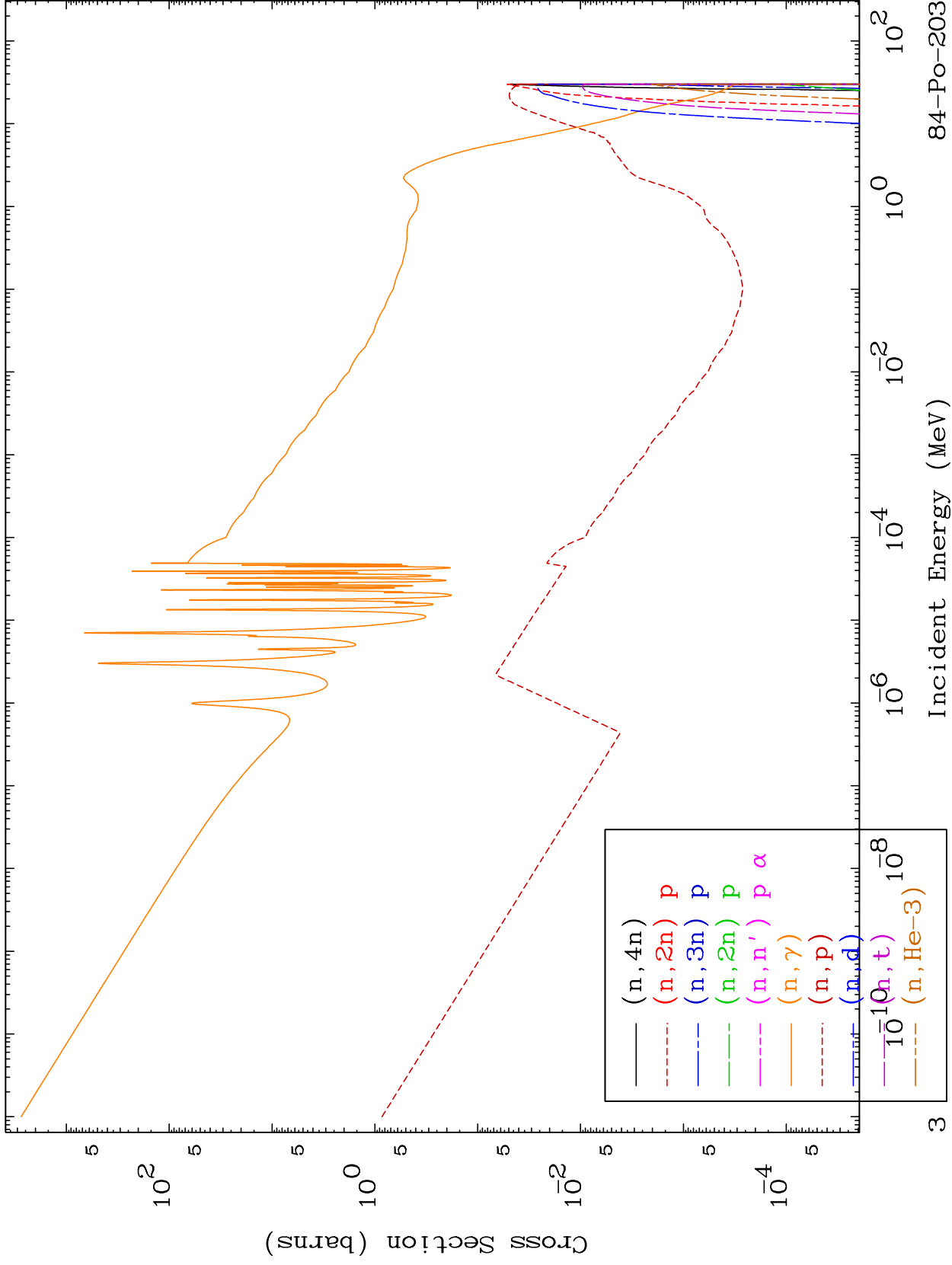
84-Po-203

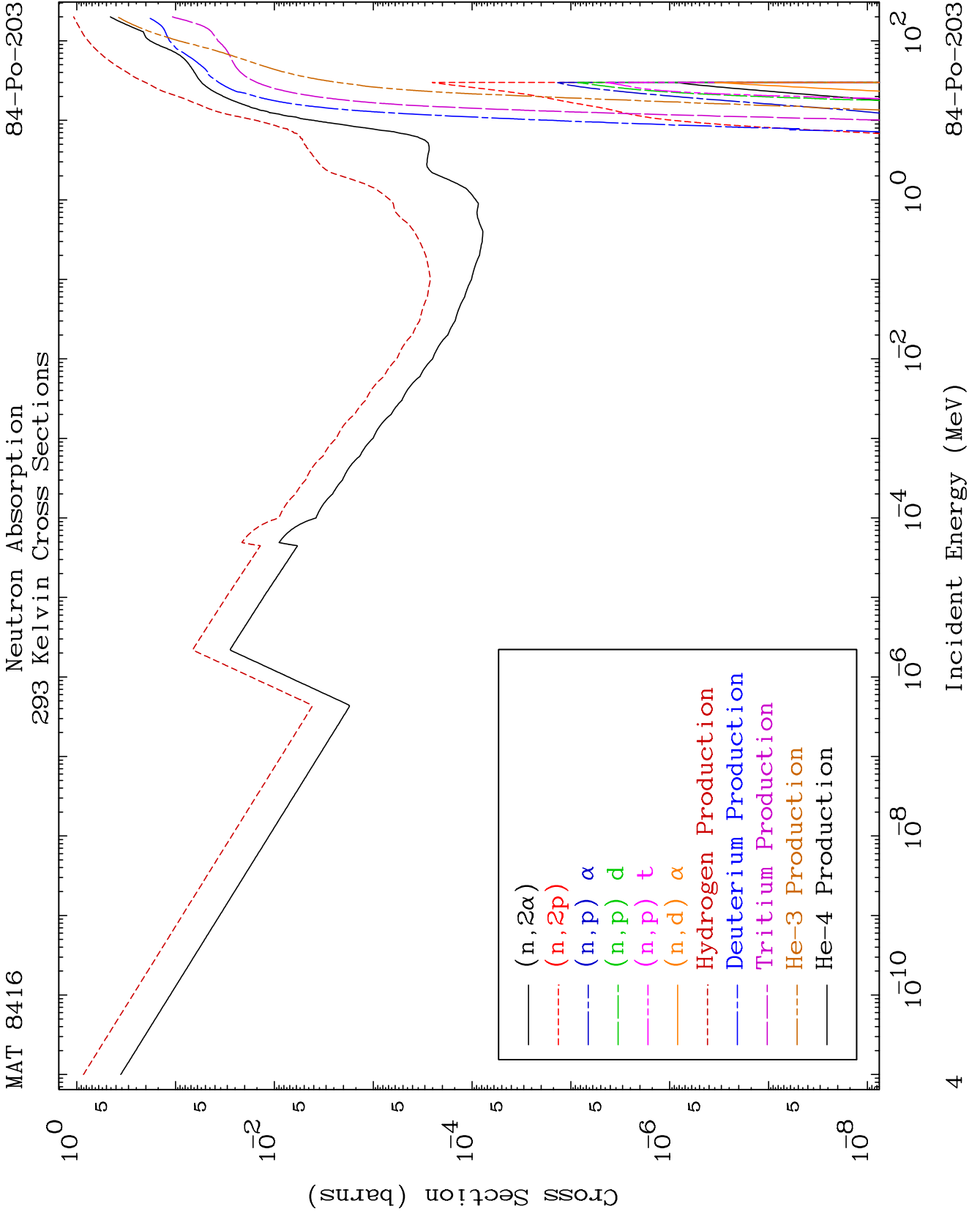


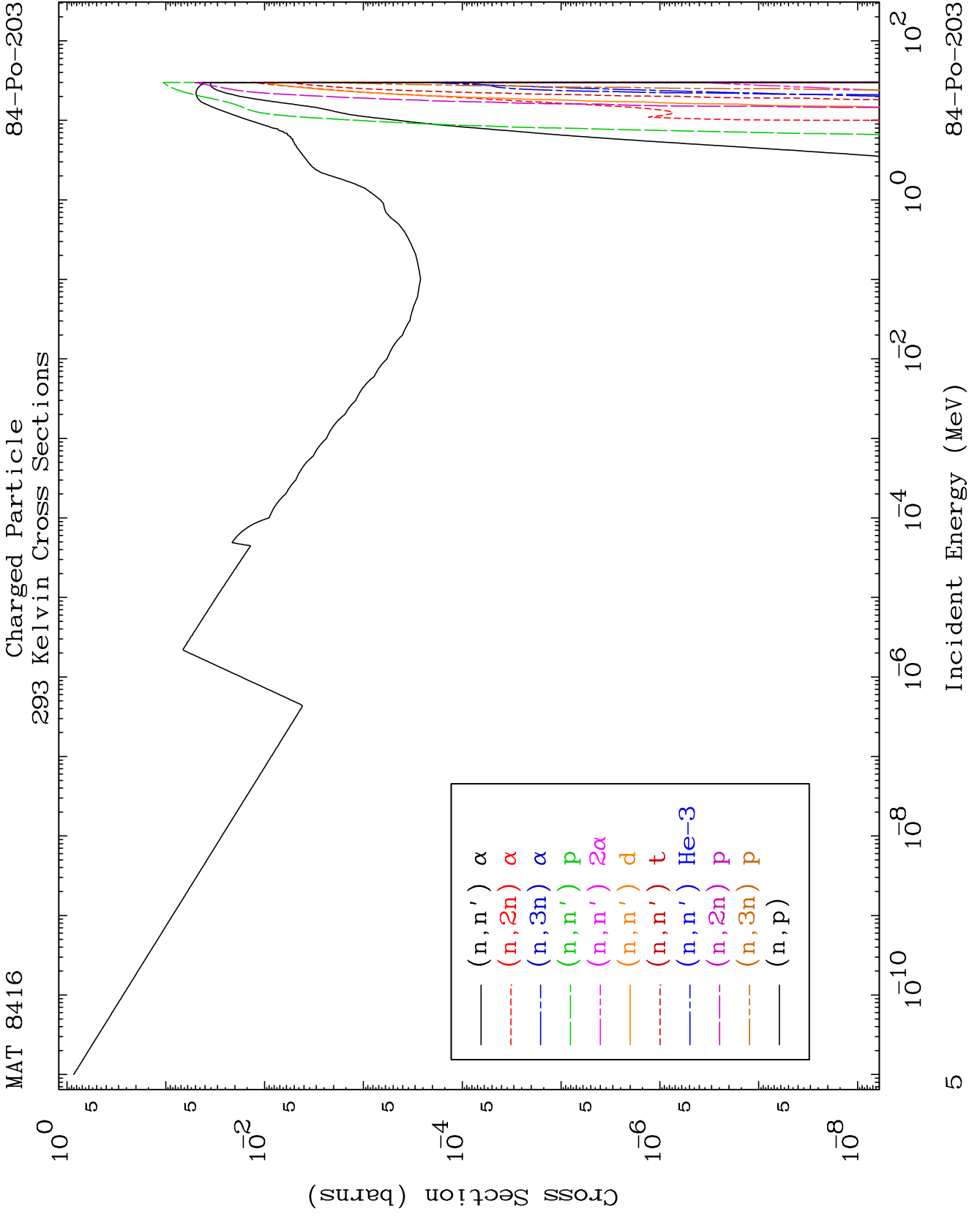
MAT 8416

Neutron Absorption
293 Kelvin Cross Sections

84-Po-203



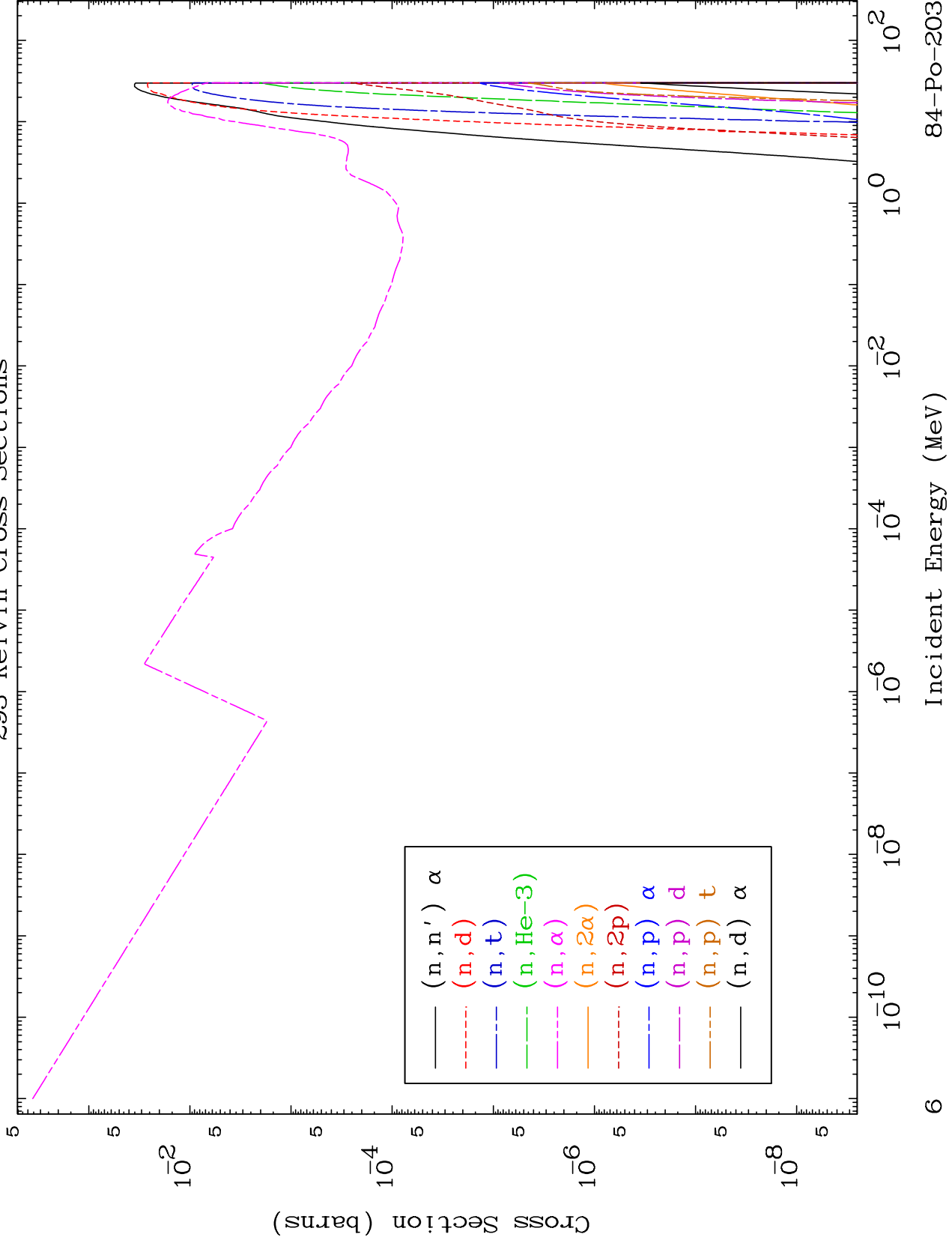




MAT 8416

Charged Particle
293 Kelvin Cross Sections

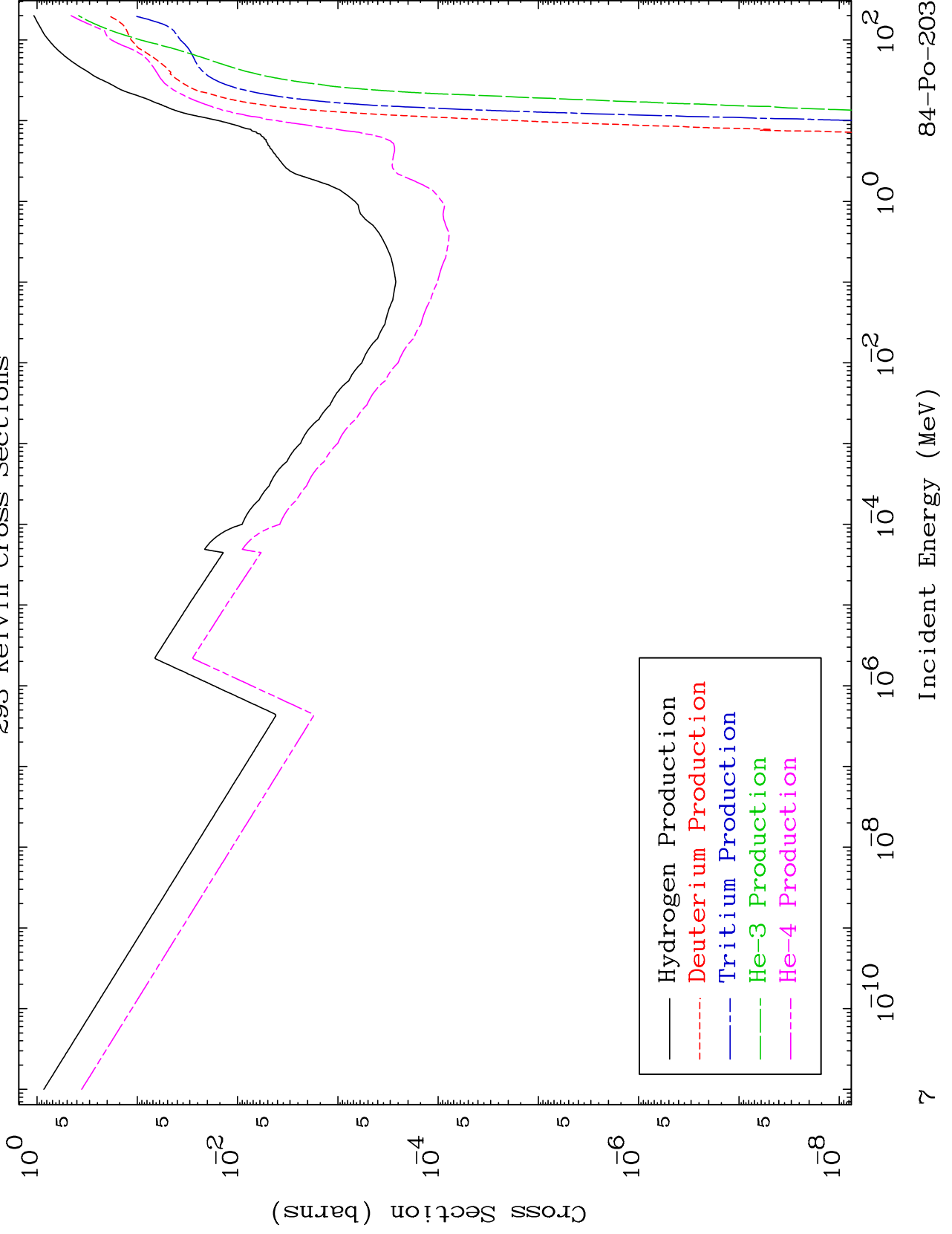
84-Po-203



MAT 8416

Particle Production
293 Kelvin Cross Sections

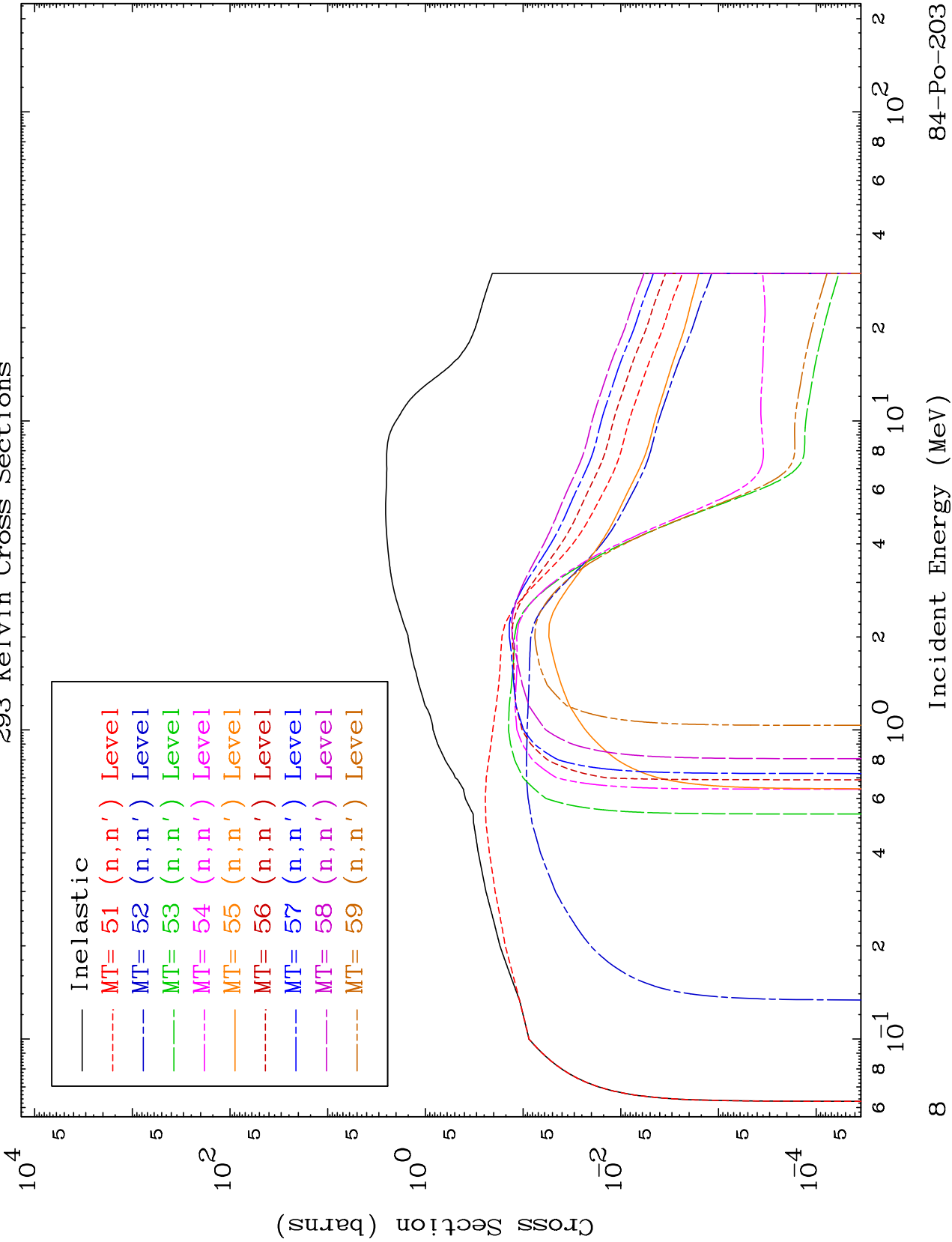
84-Po-203



MAT 8416

(n,n') Levels
293 Kelvin Cross Sections

84-Po-203



8

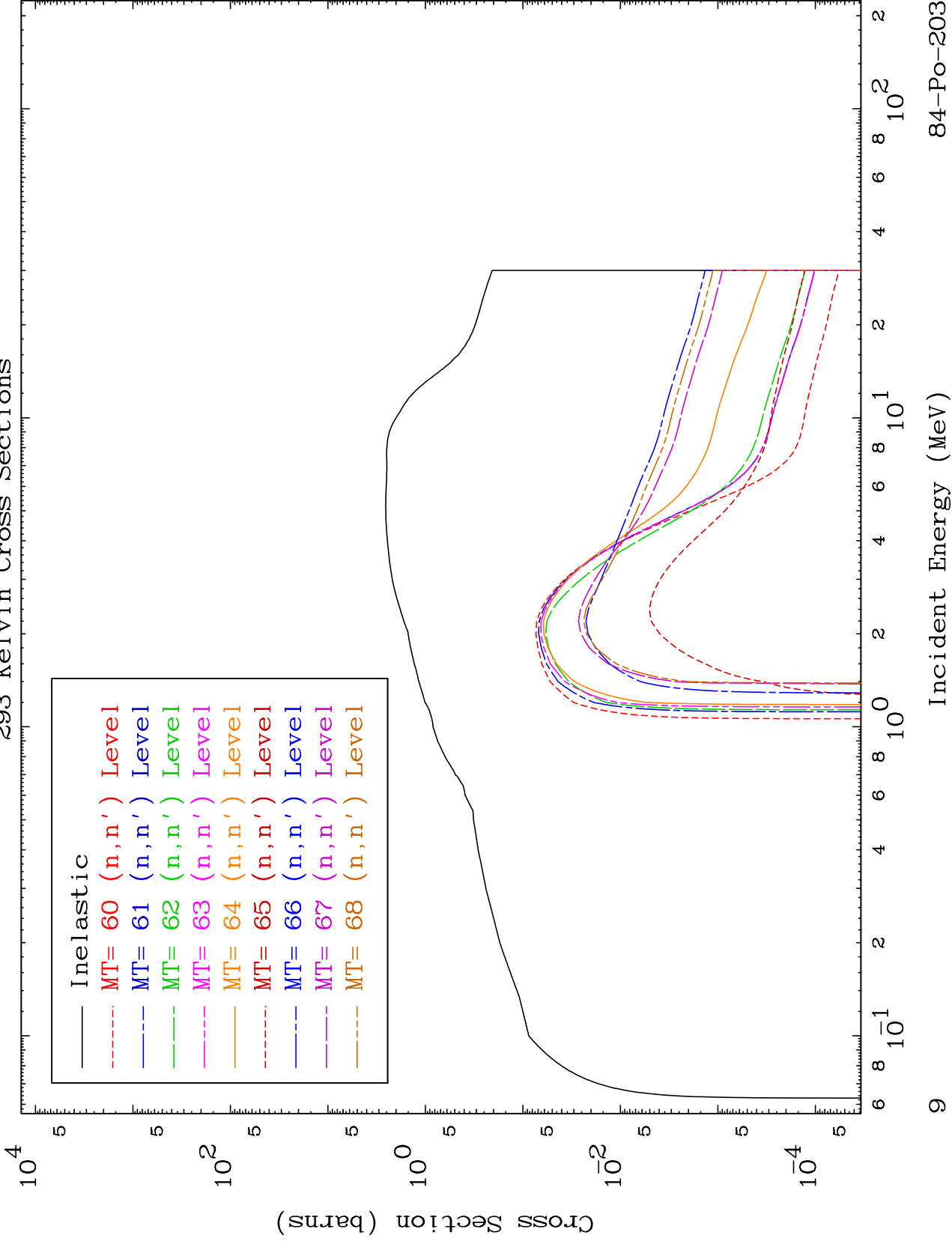
Incident Energy (MeV)

84-Po-203

MAT 8416

(n,n') Levels
293 Kelvin Cross Sections

84-Po-203



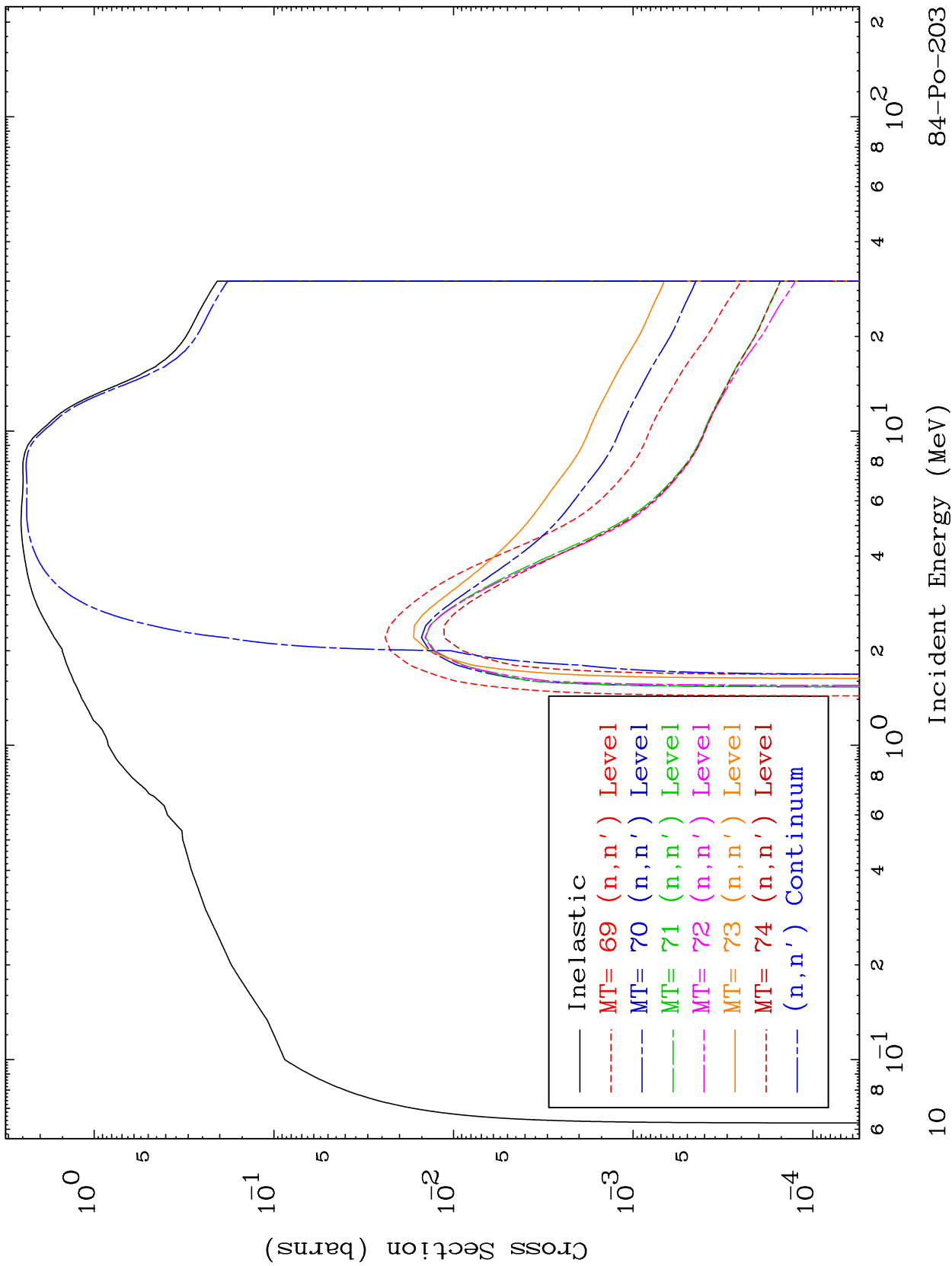
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84-Po-203

MAT 8416

84-Po-203

(n,n') Levels
293 Kelvin Cross Sections



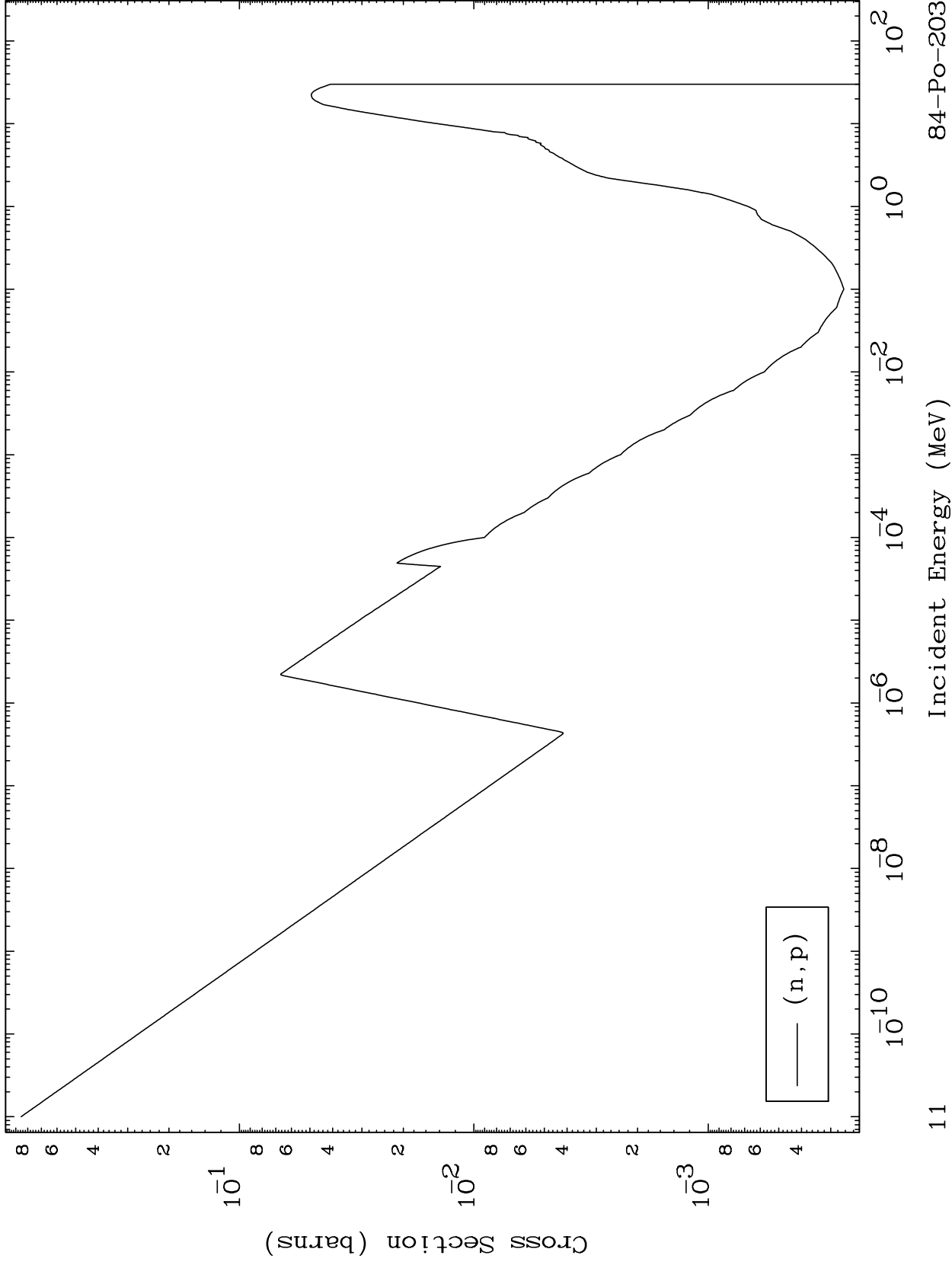
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84-Po-203

MAT 8416

(n,p) Levels
293 Kelvin Cross Sections

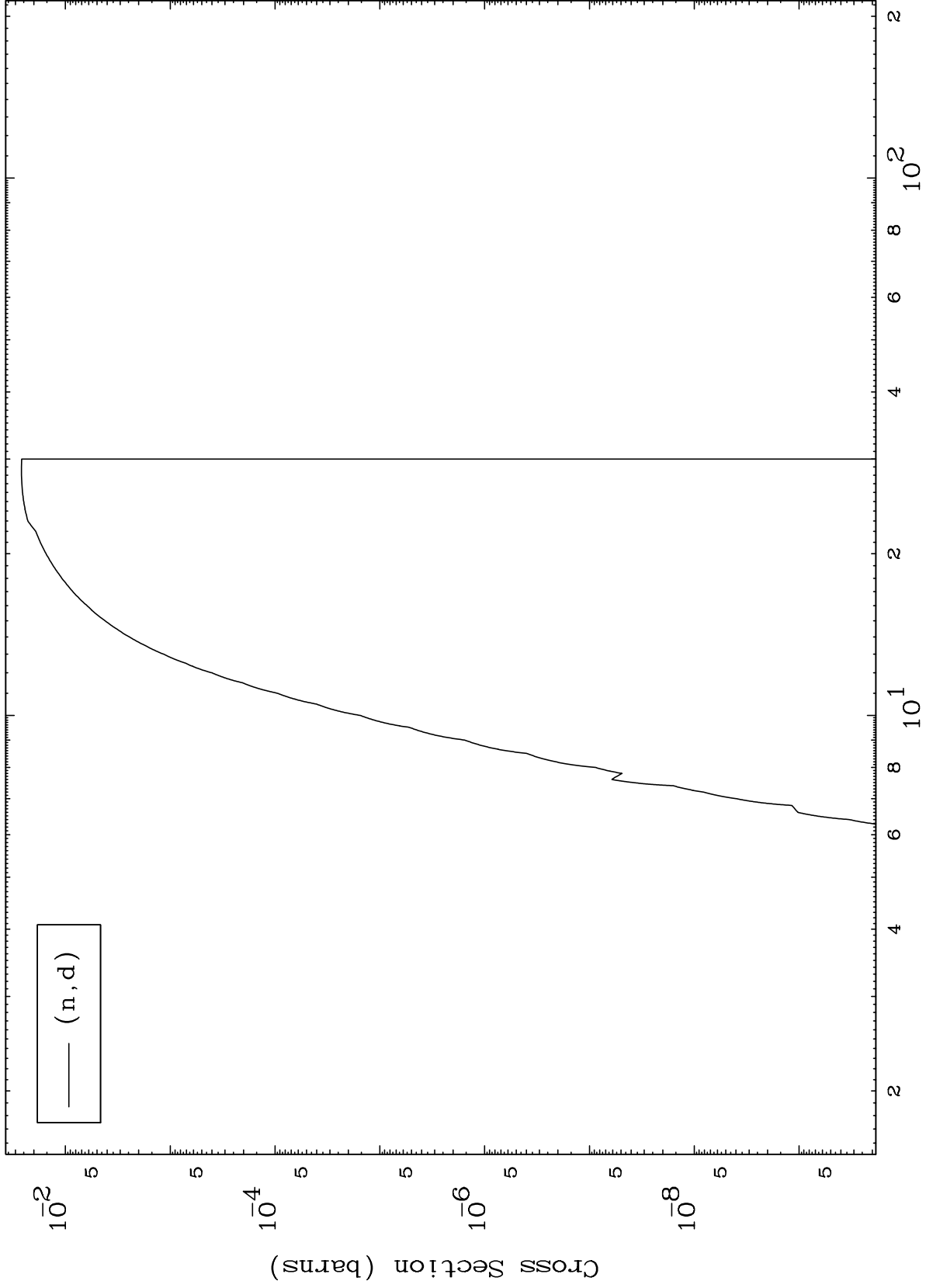
84-Po-203



MAT 8416

(n,d) Levels
293 Kelvin Cross Sections

84-Po-203



12

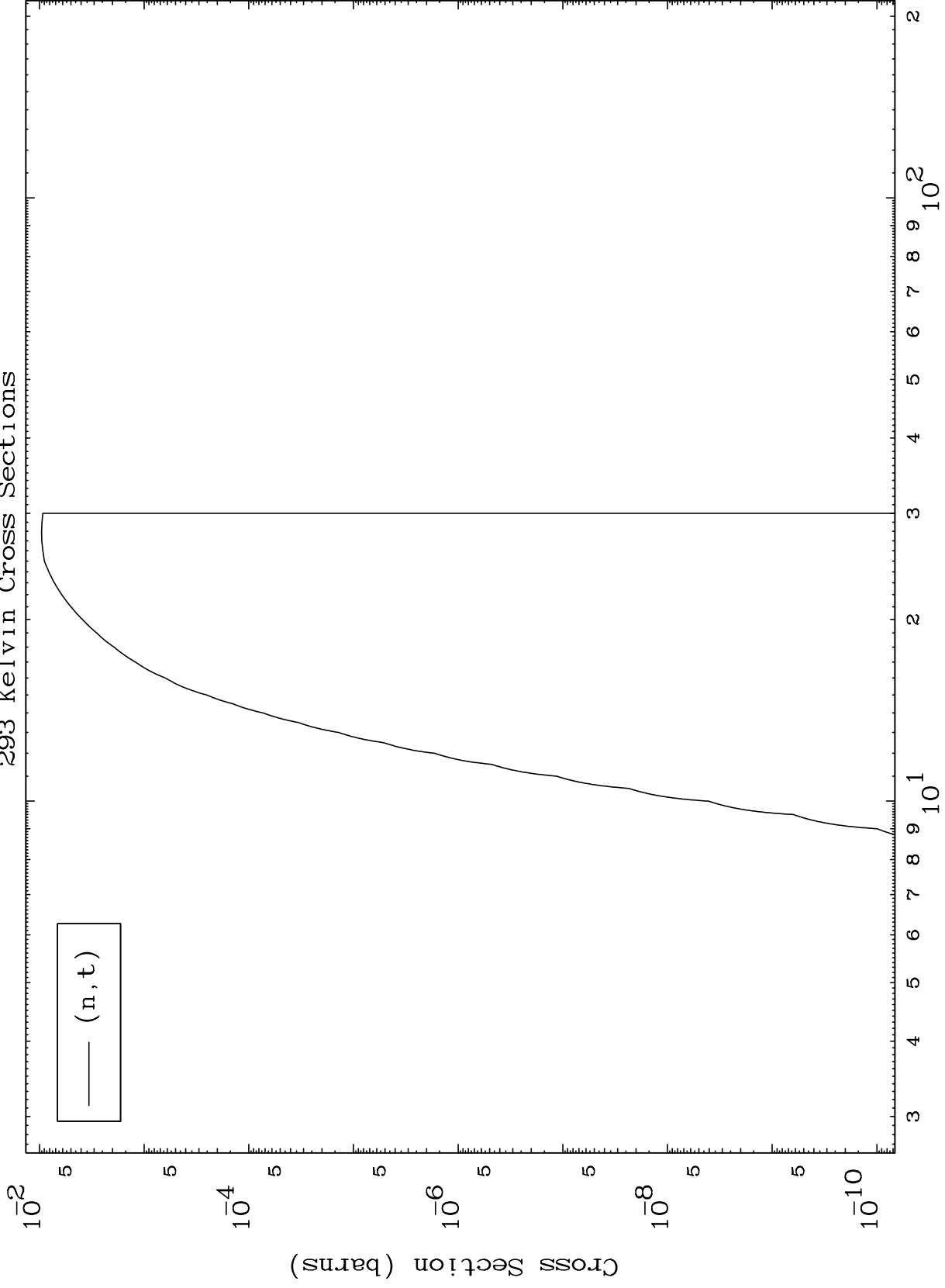
Incident Energy (MeV)

84-Po-203

MAT 8416

(n,t) Levels
293 Kelvin Cross Sections

84-Po-203



13

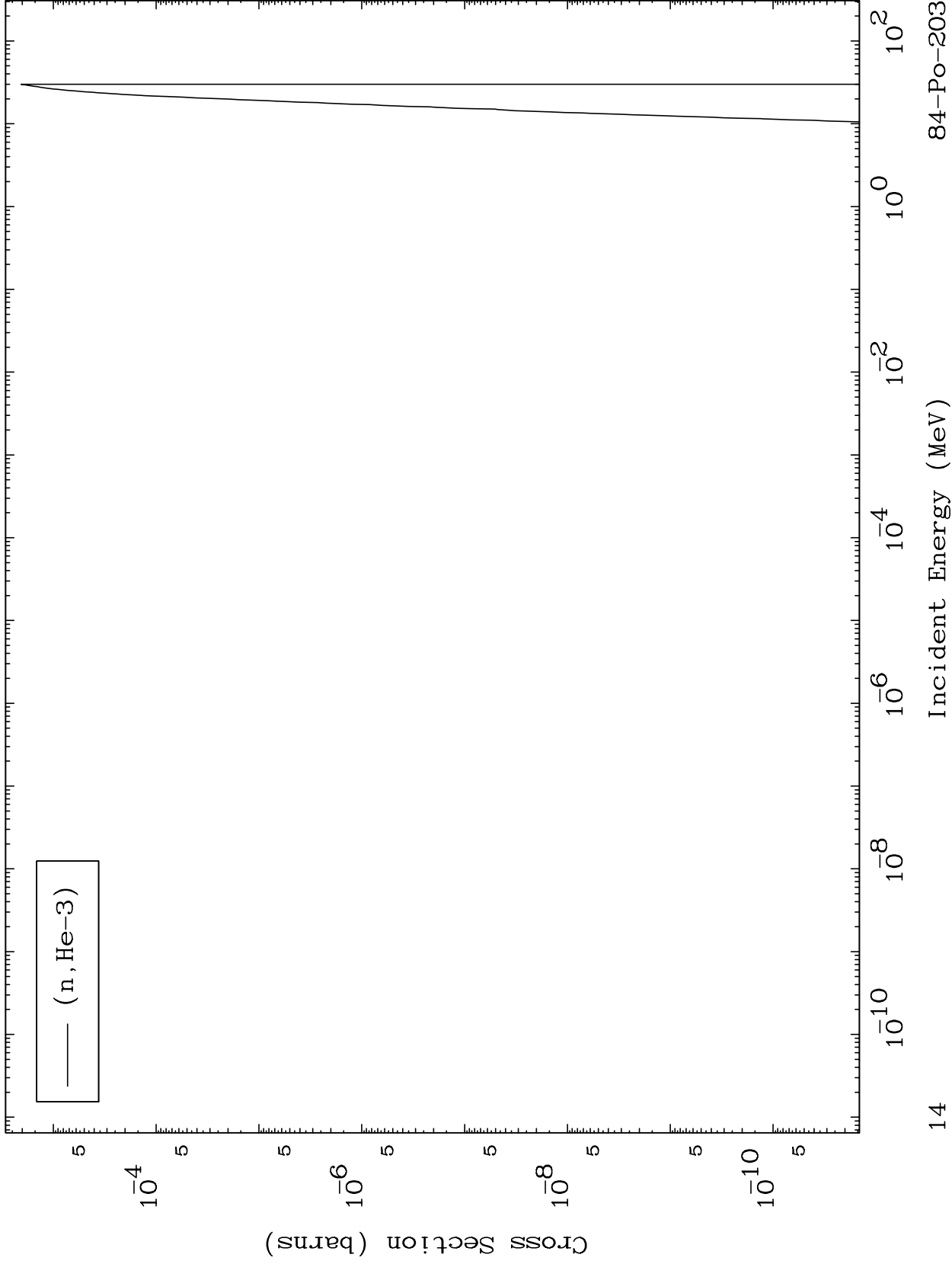
Incident Energy (MeV)

84-Po-203

MAT 8416

(n,He3) Levels
293 Kelvin Cross Sections

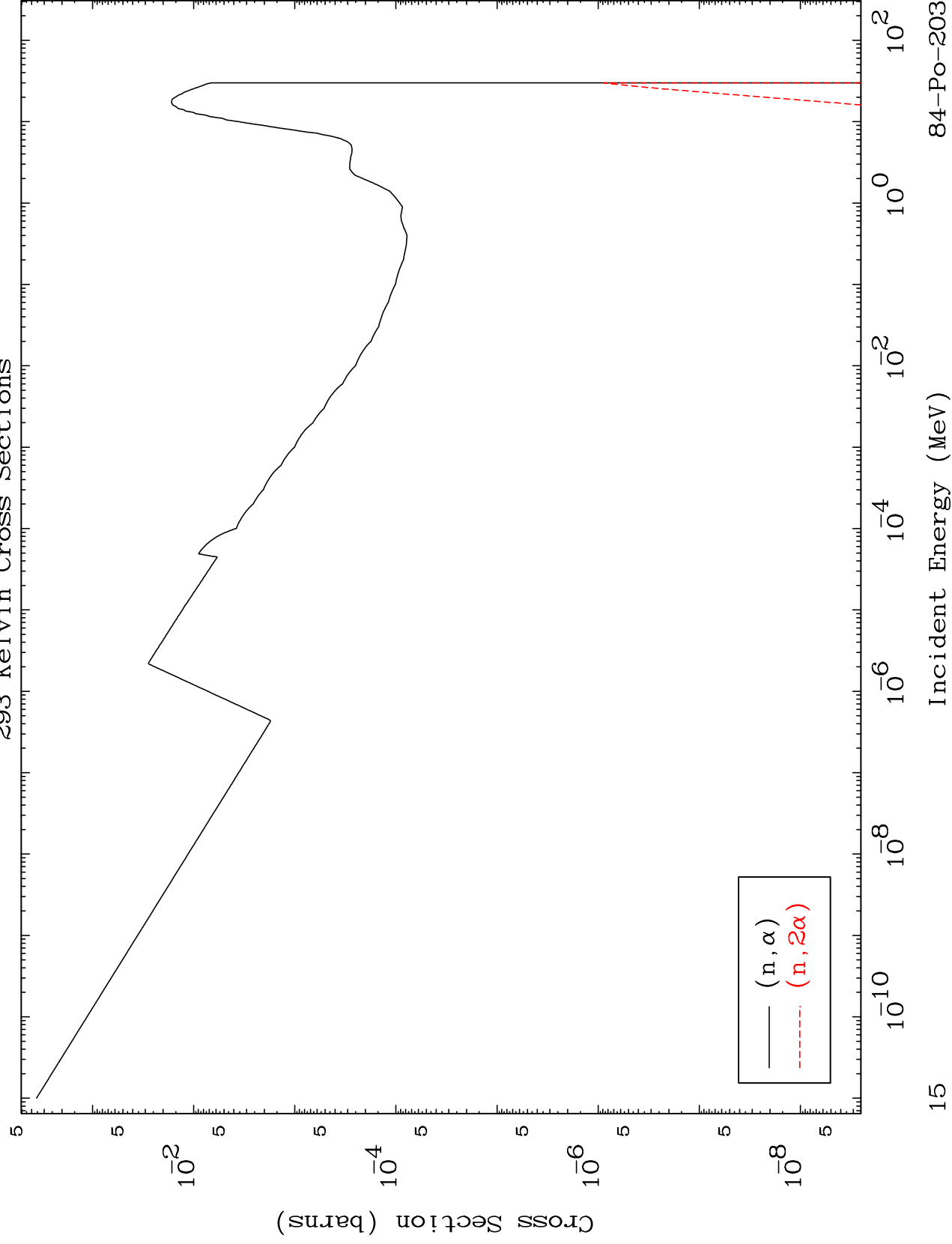
84-Po-203



MAT 8416

(n,α) Levels
293 Kelvin Cross Sections

84-Po-203



15

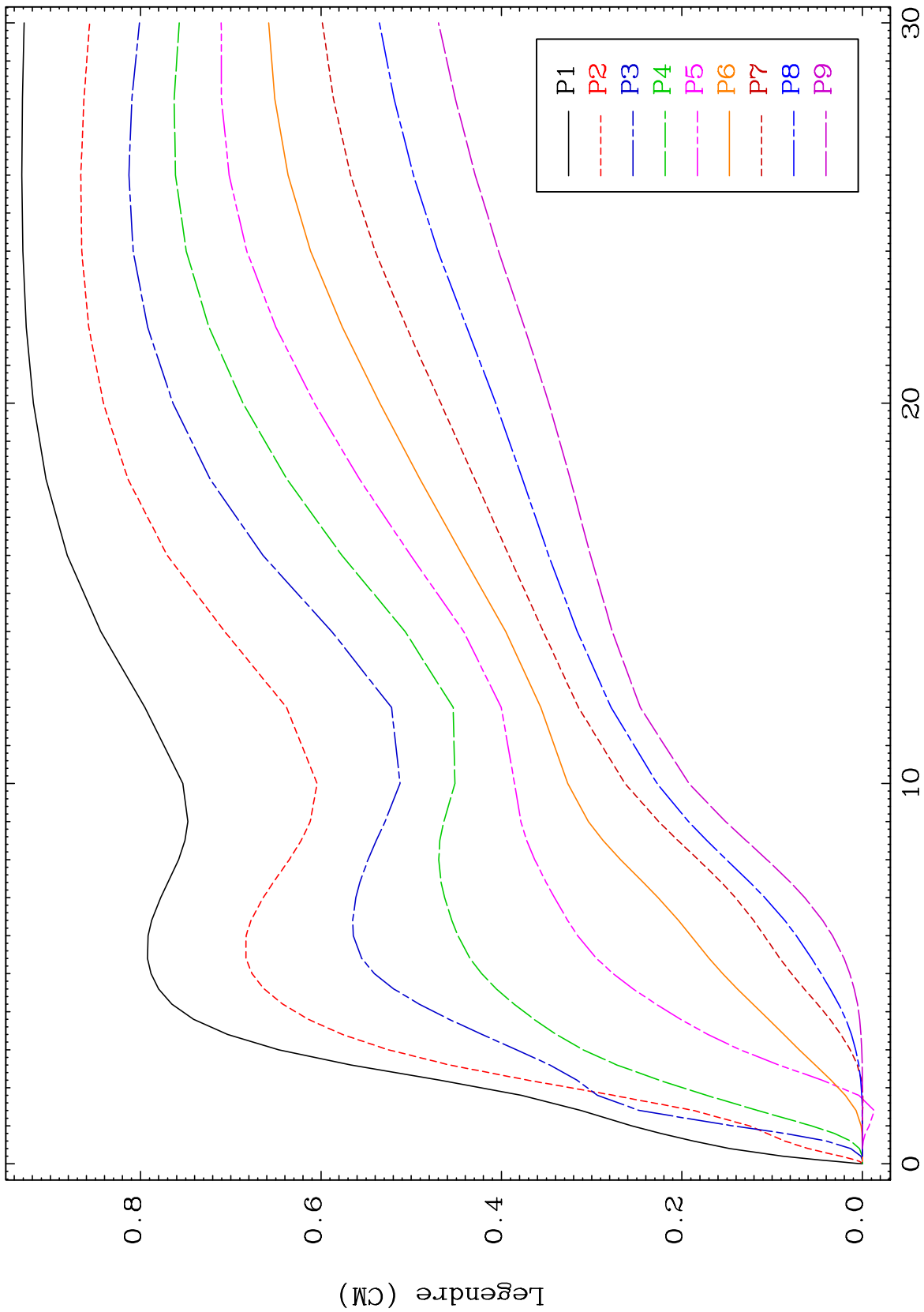
Incident Energy (MeV)

84-Po-203

MAT 8416

84-Po-203

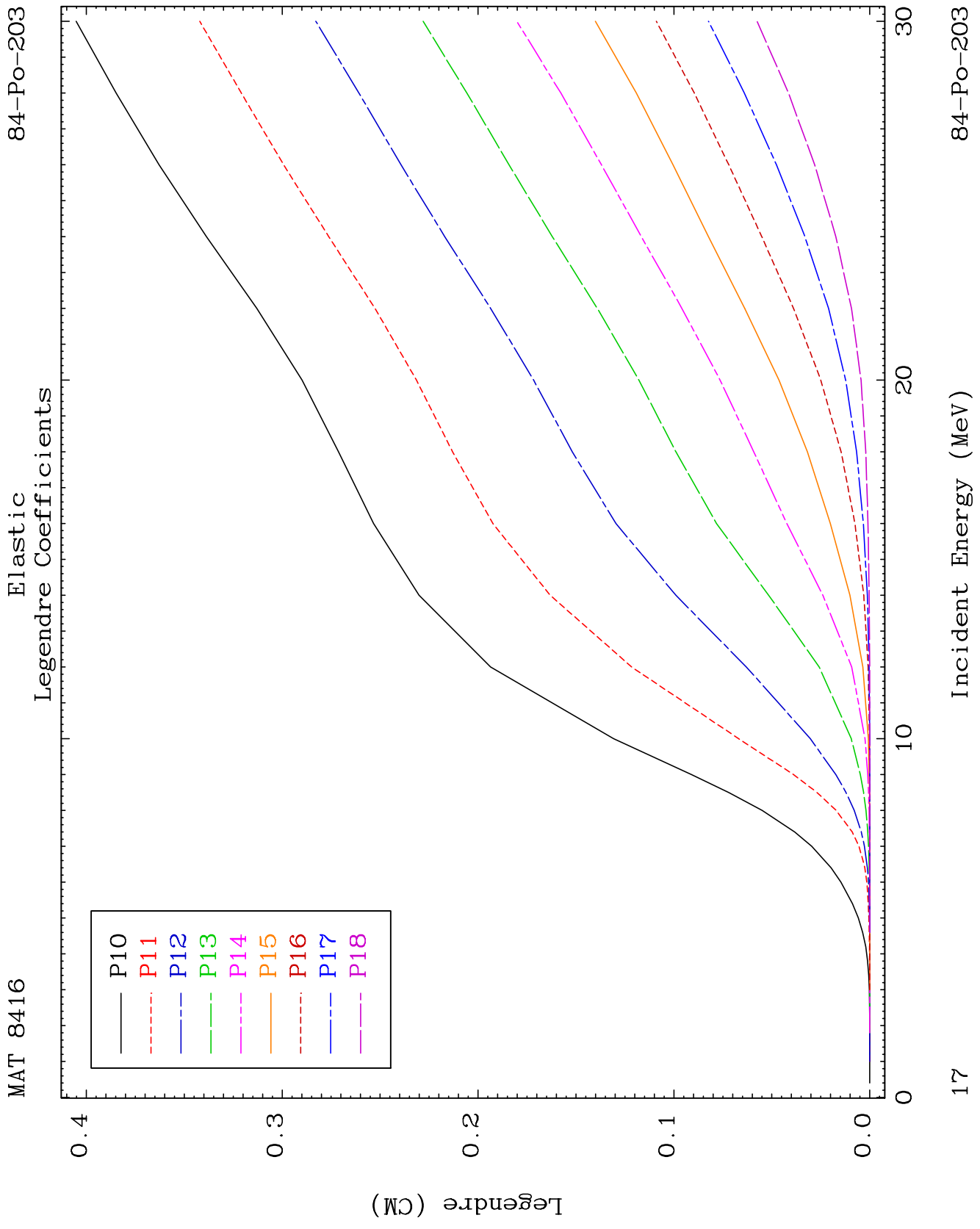
Elastic Legendre Coefficients



16

Incident Energy (MeV)

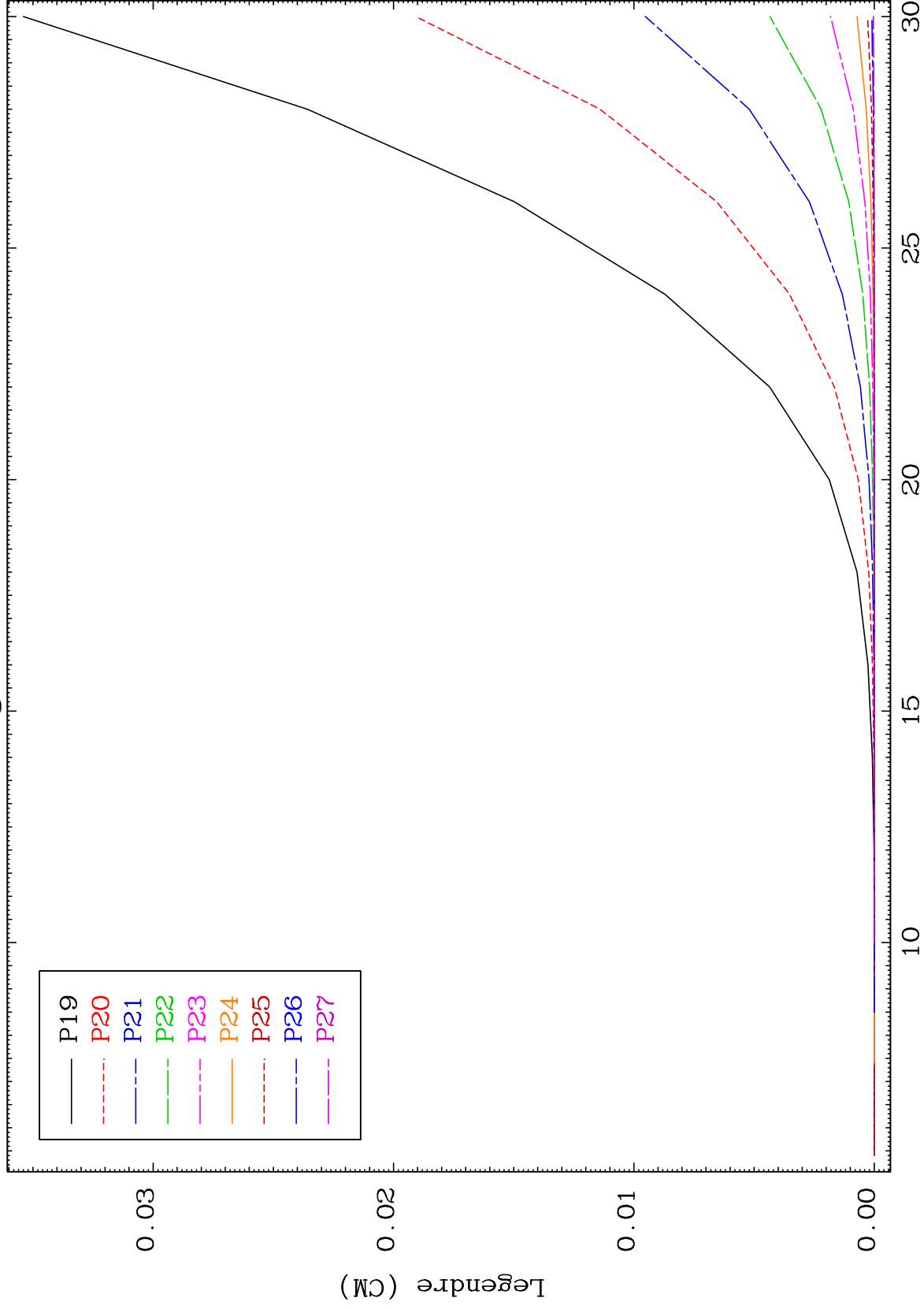
84-Po-203



MAT 8416

Elastic Legendre Coefficients

84-Po-203



18

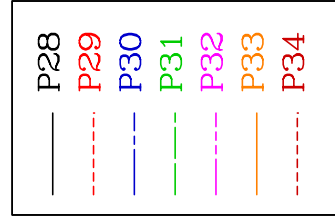
Incident Energy (MeV)

84-Po-203

MAT 8416

Elastic Legendre Coefficients

84-Po-203



$\times 10^{-5}$
1.2

1.0

0.8

0.6

0.4

0.2

0.0

Legendre (CM)

15

20

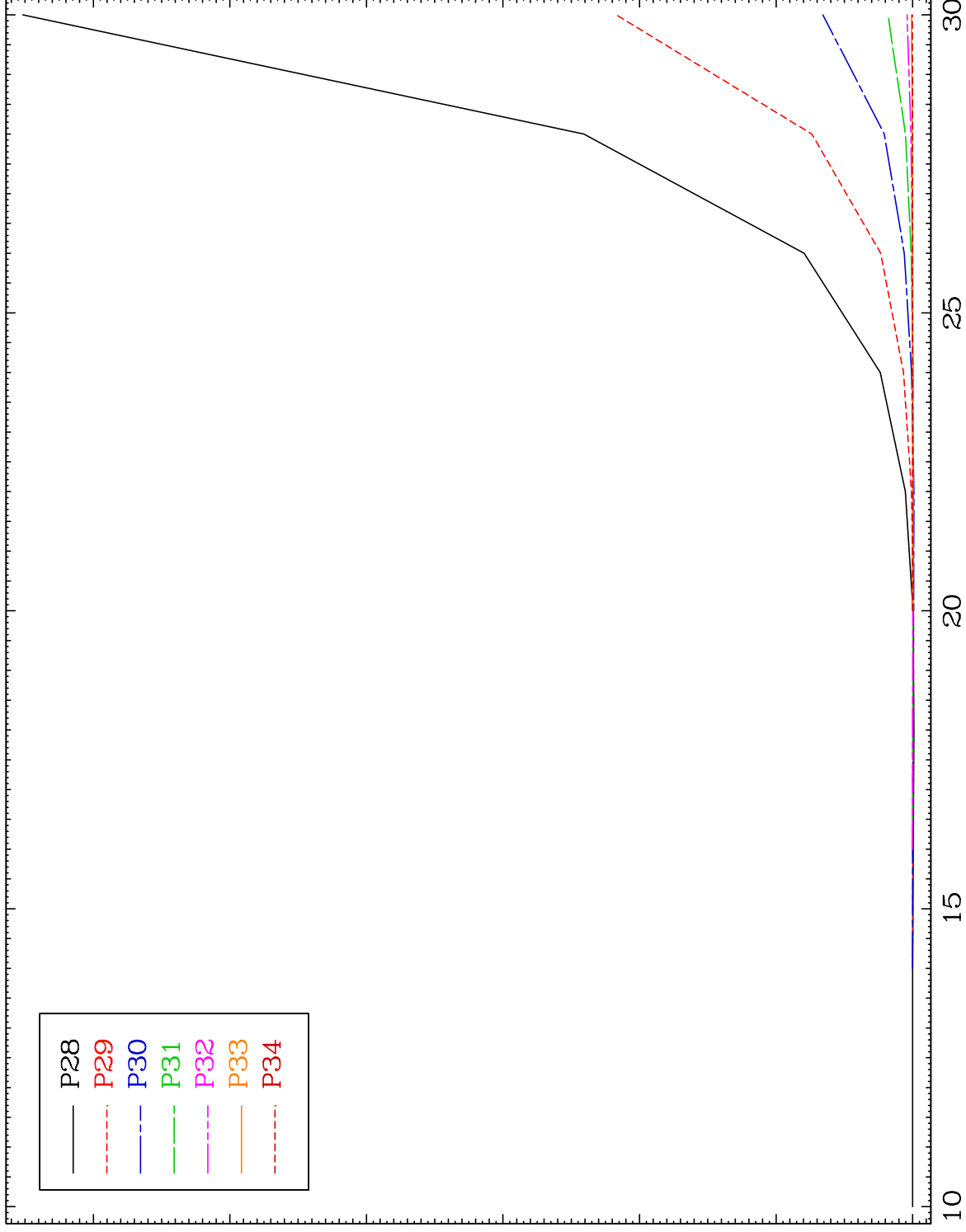
25

30

19

Incident Energy (MeV)

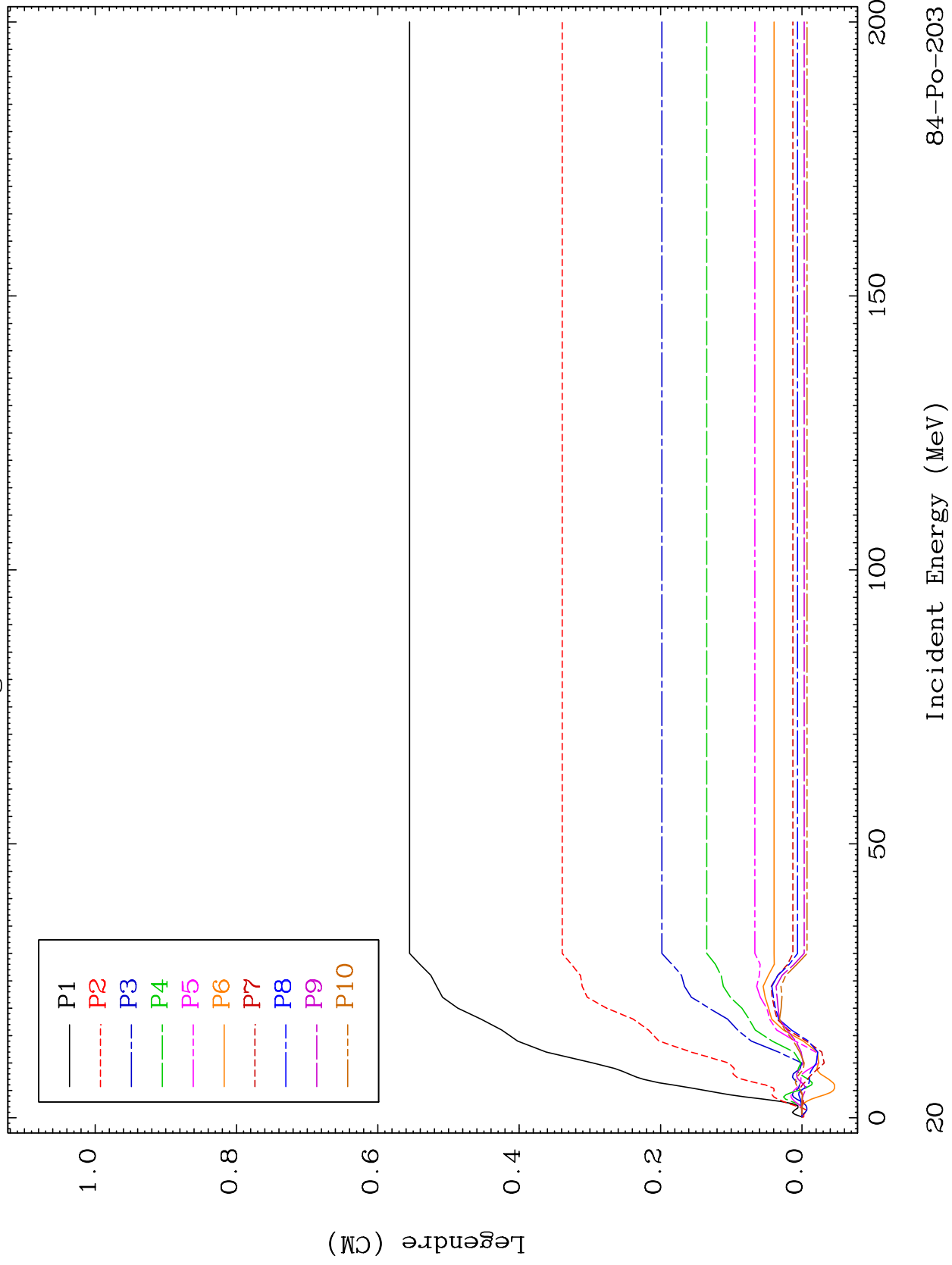
84-Po-203



MAT 8416

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

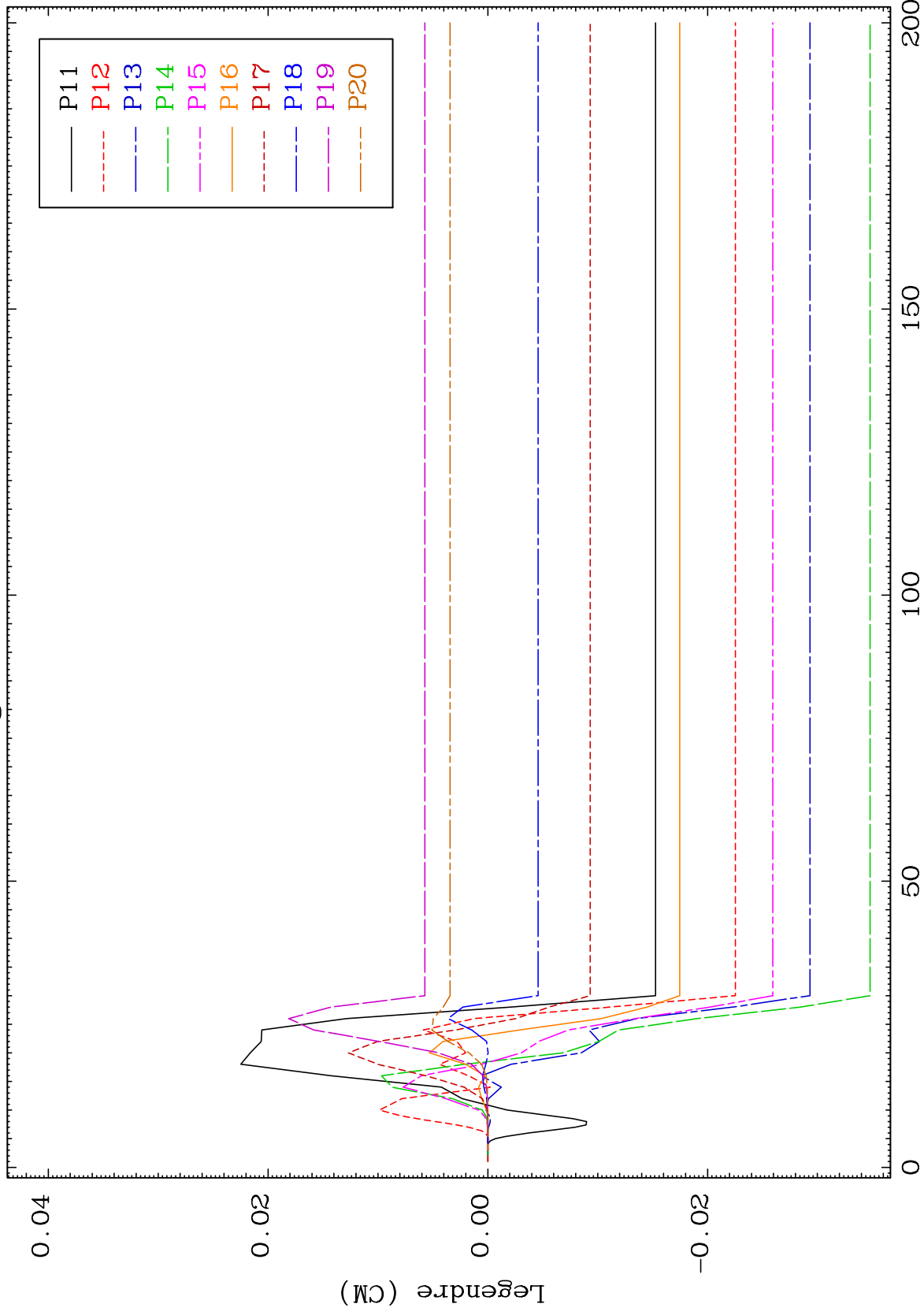
84-Po-203



MAT 8416

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

84-Po-203



21

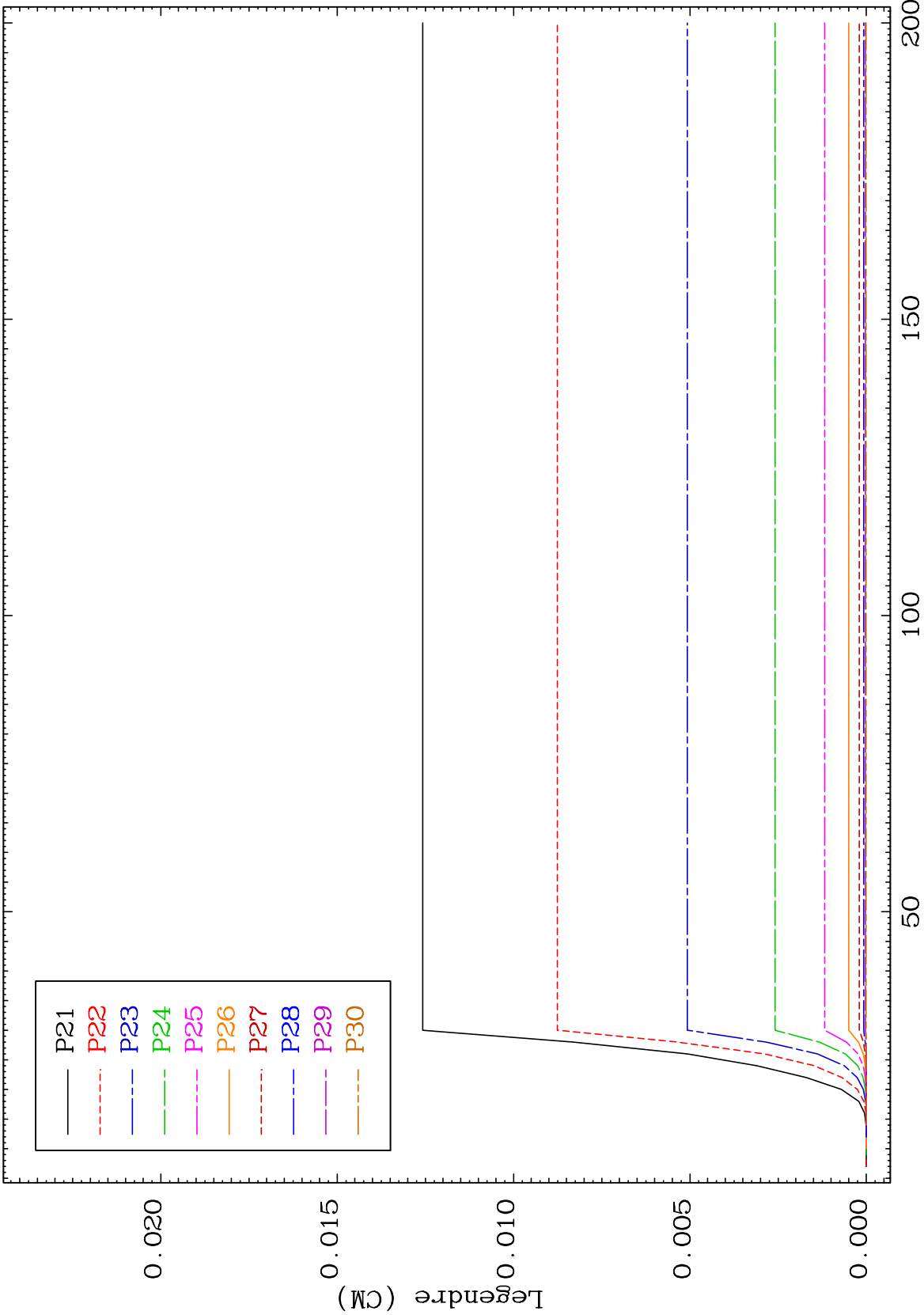
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



22

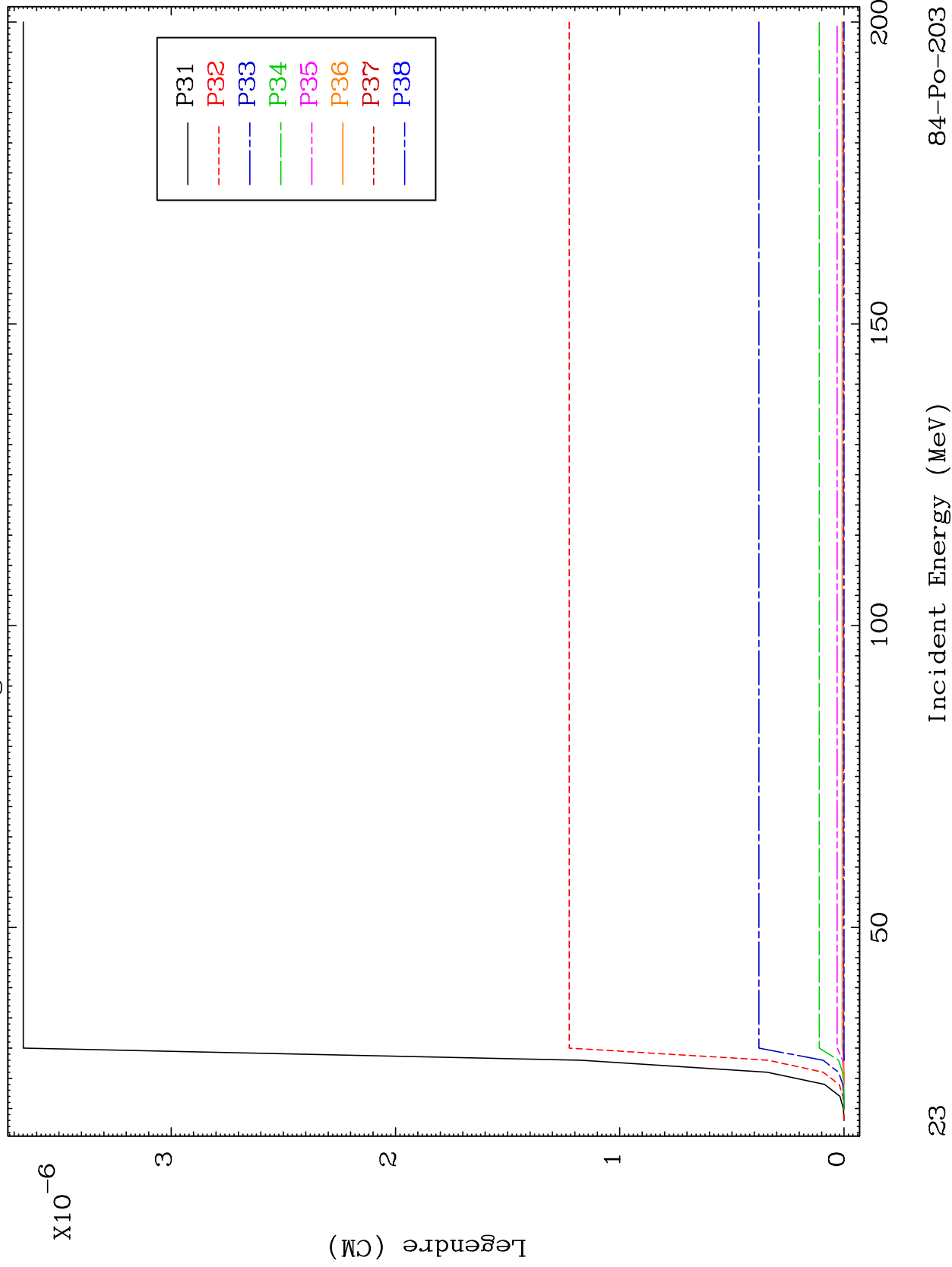
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



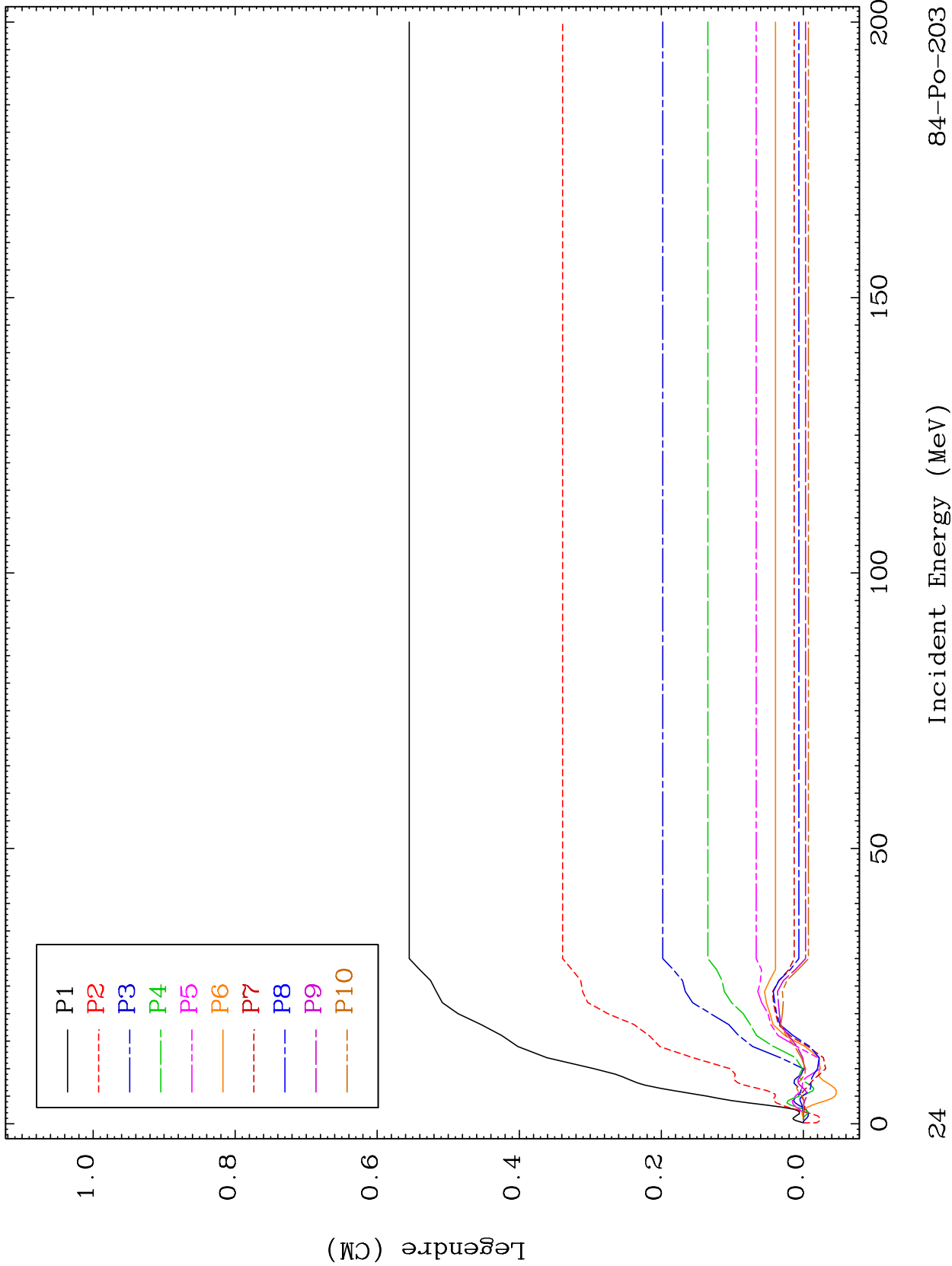
23

84-Po-203

MAT 8416

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

84-Po-203

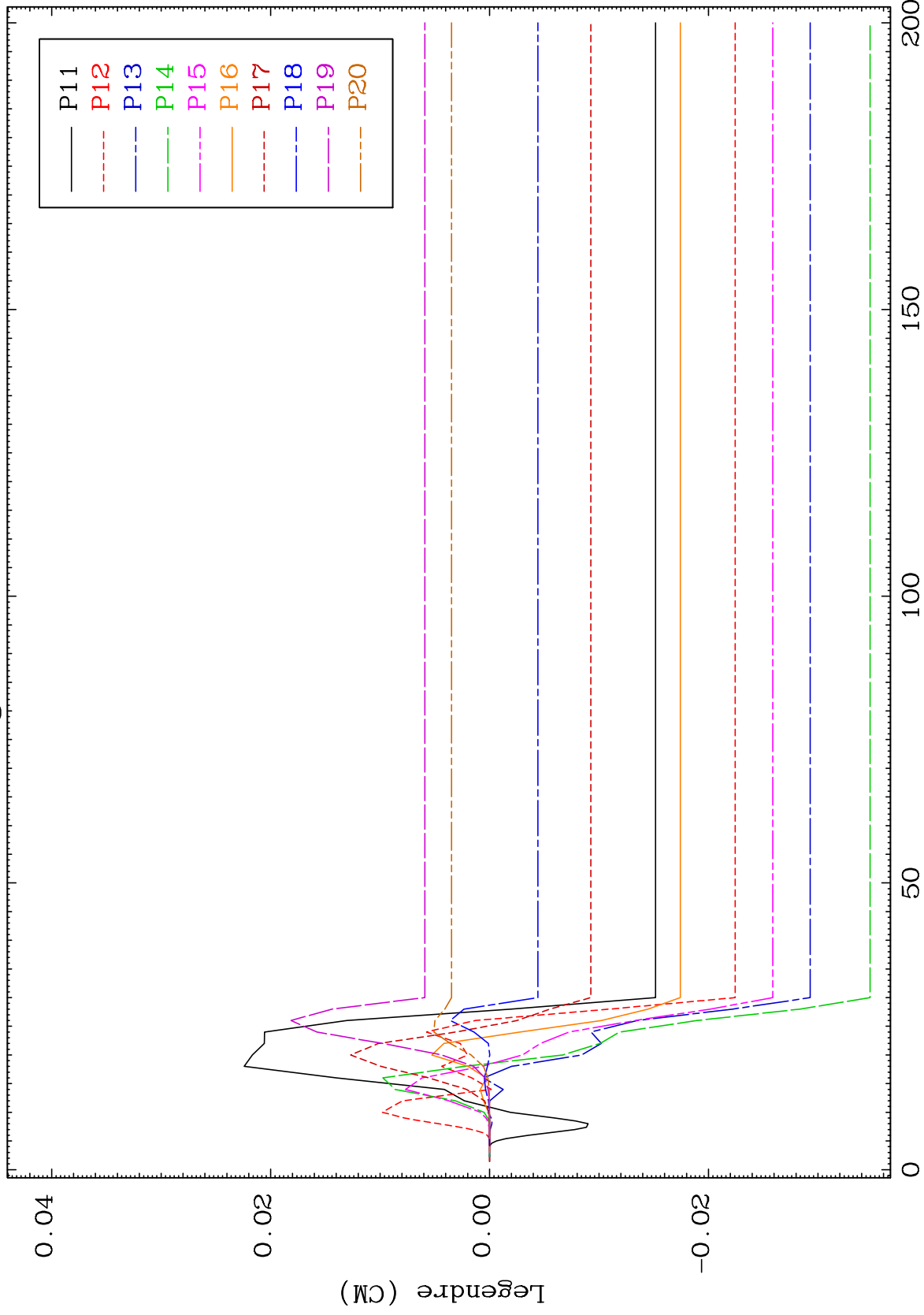


24

MAT 8416

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

84-Po-203



84-Po-203

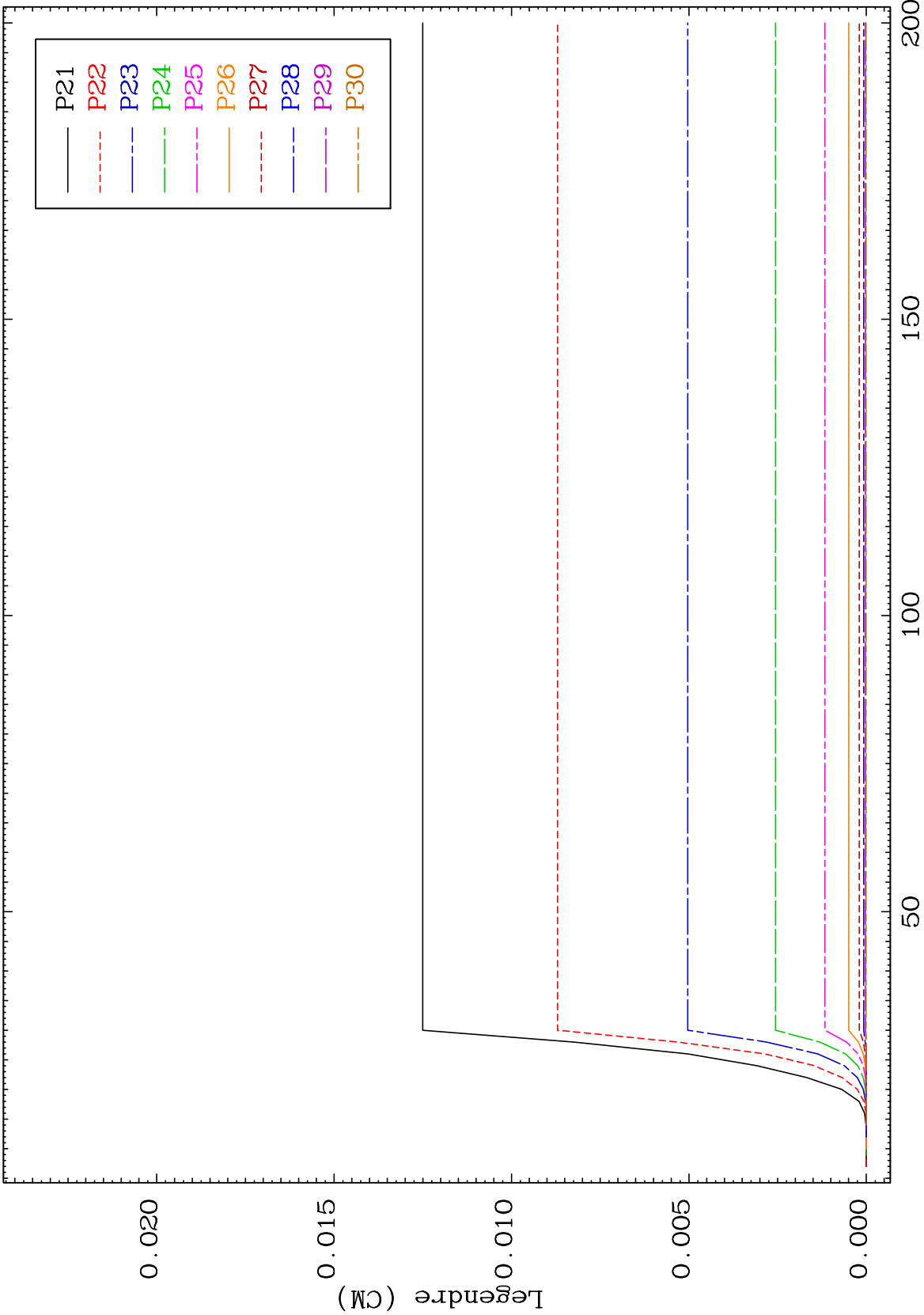
Incident Energy (MeV)

25

MAT 8416

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

84-Po-203



26

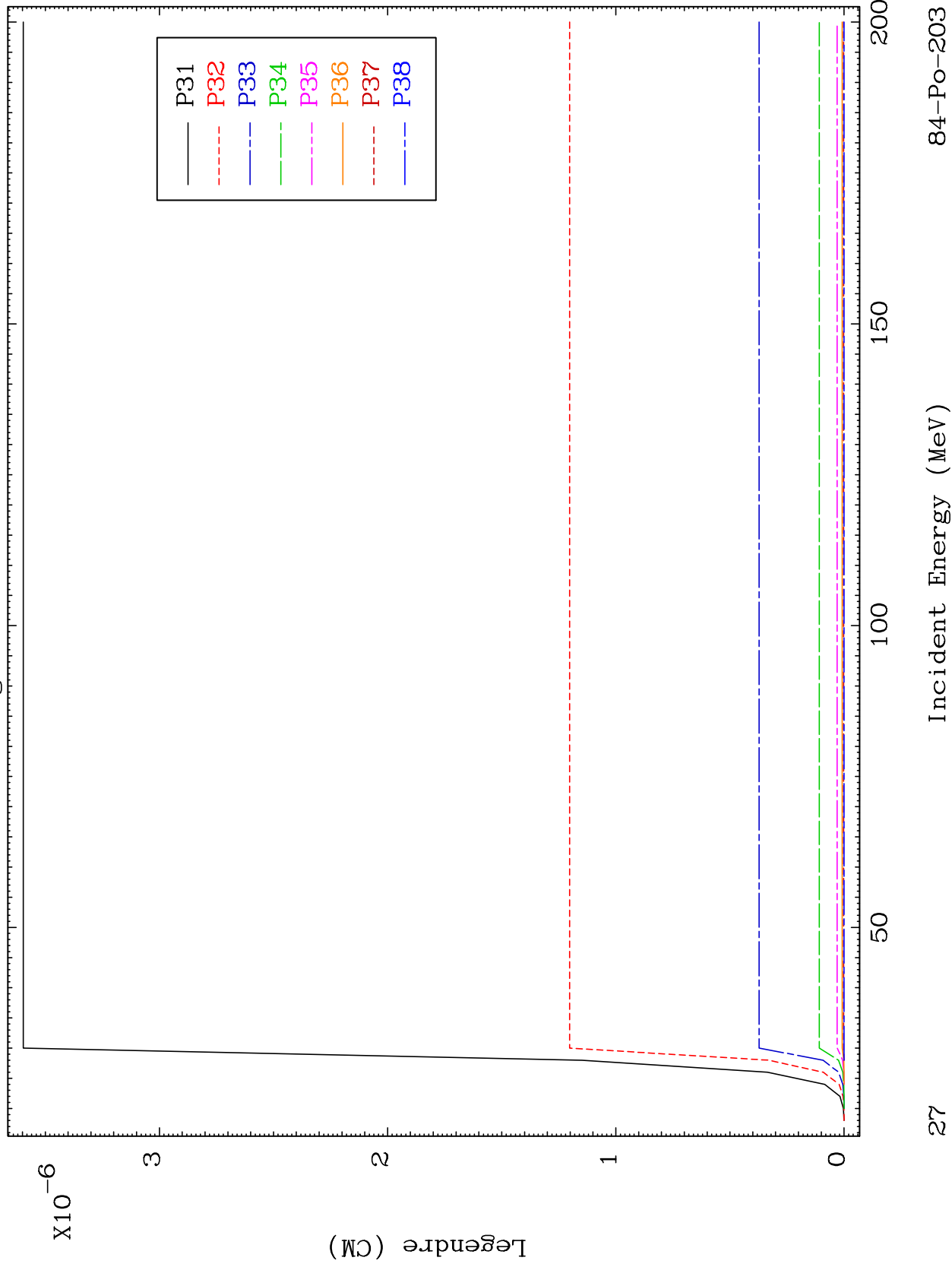
Incident Energy (MeV)

84-Po-203

MAT 8416

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

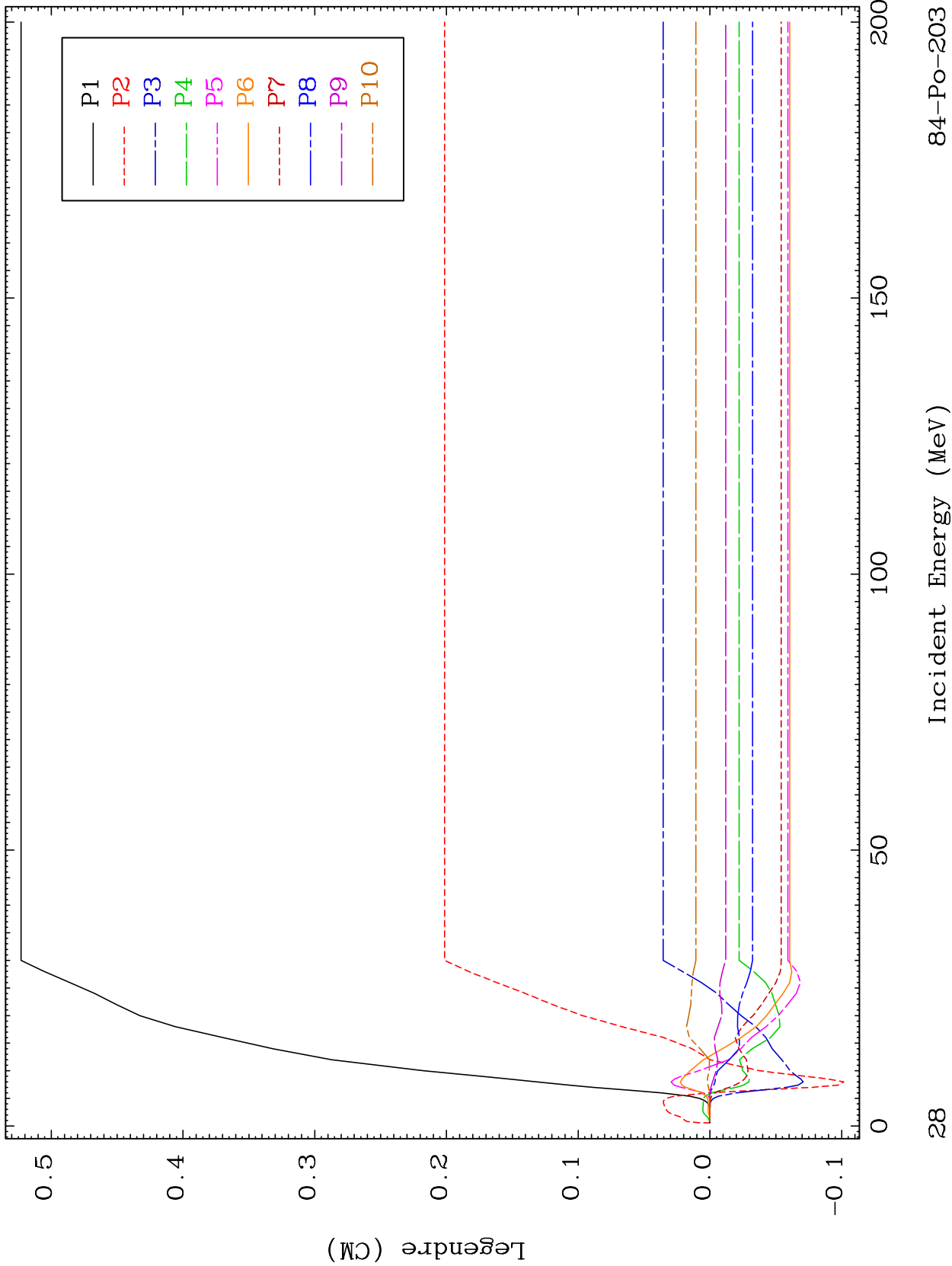
84-Po-203



MAT 8416

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

84-Po-203



84-Po-203

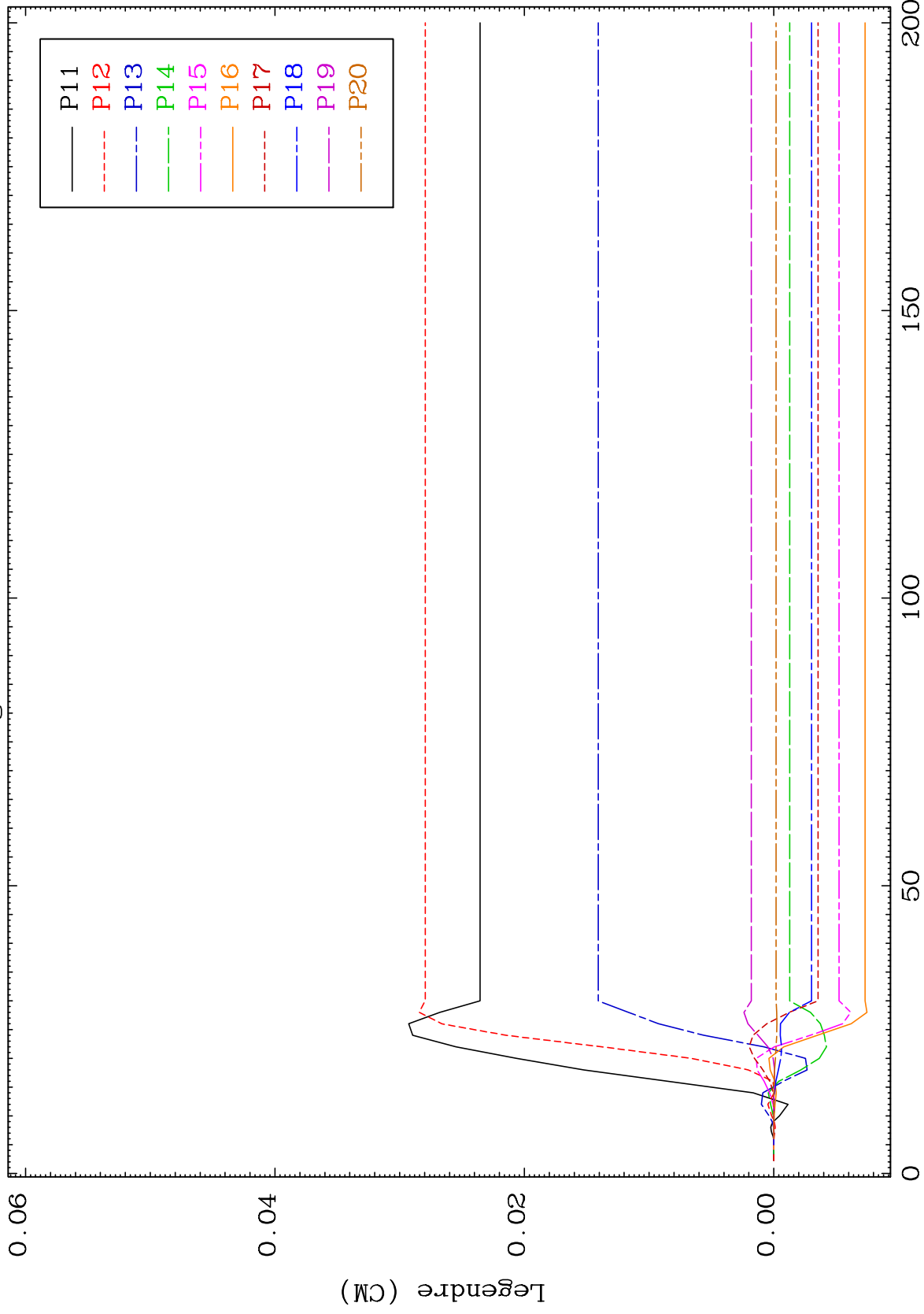
Incident Energy (MeV)

28

MAT 8416

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

84-Po-203



29

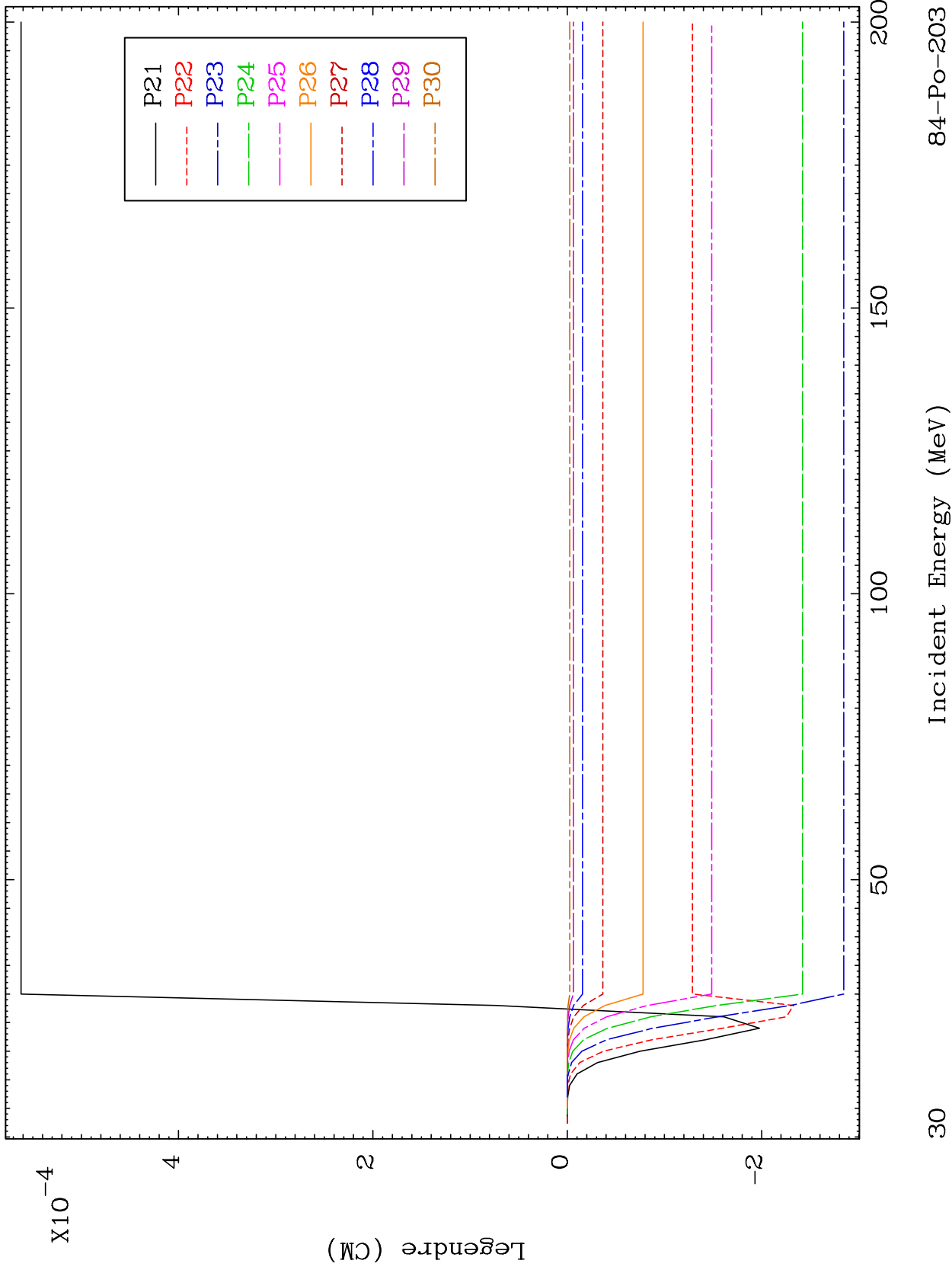
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



30

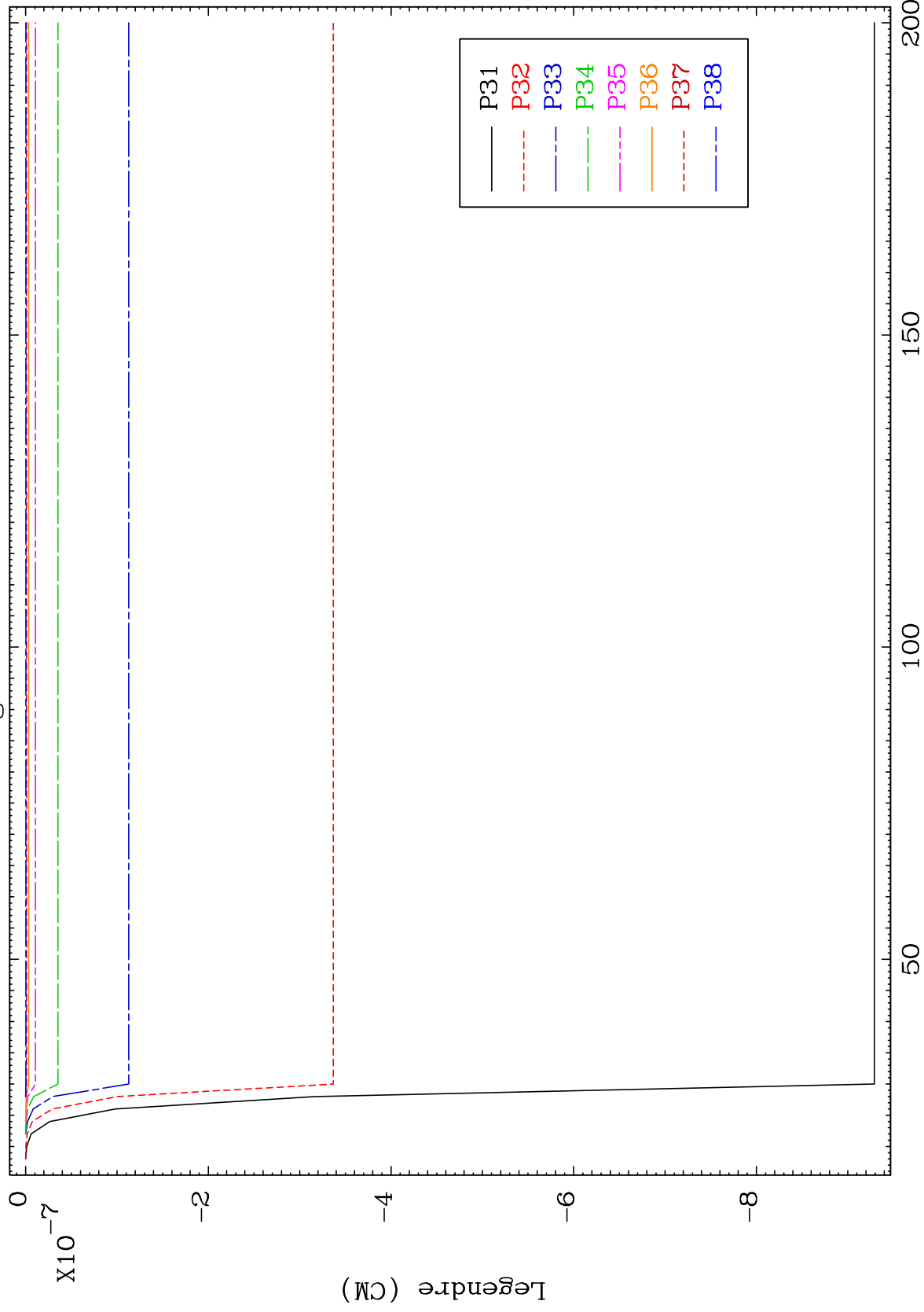
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



31

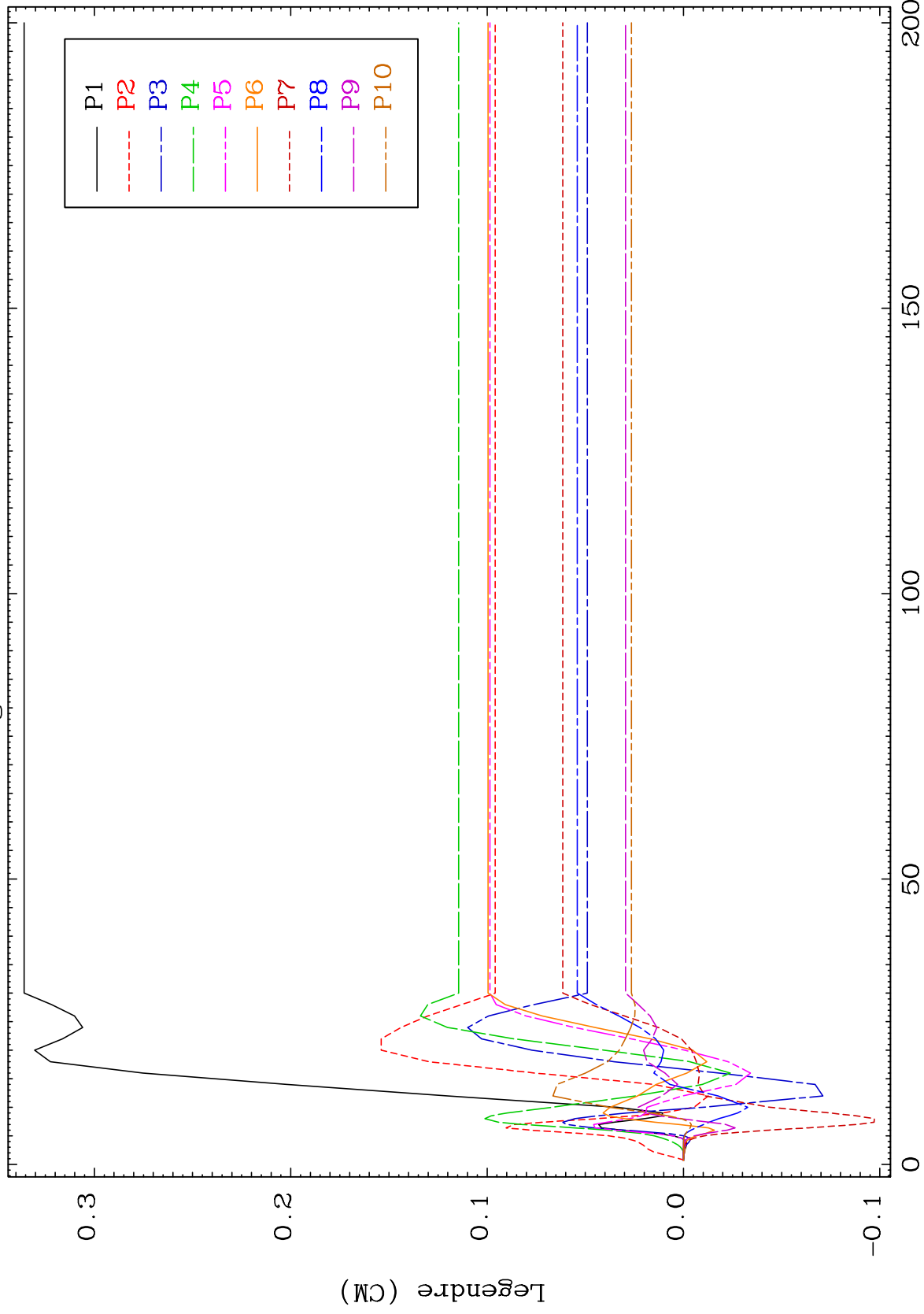
Incident Energy (MeV)

84-Po-203

MAT 8416

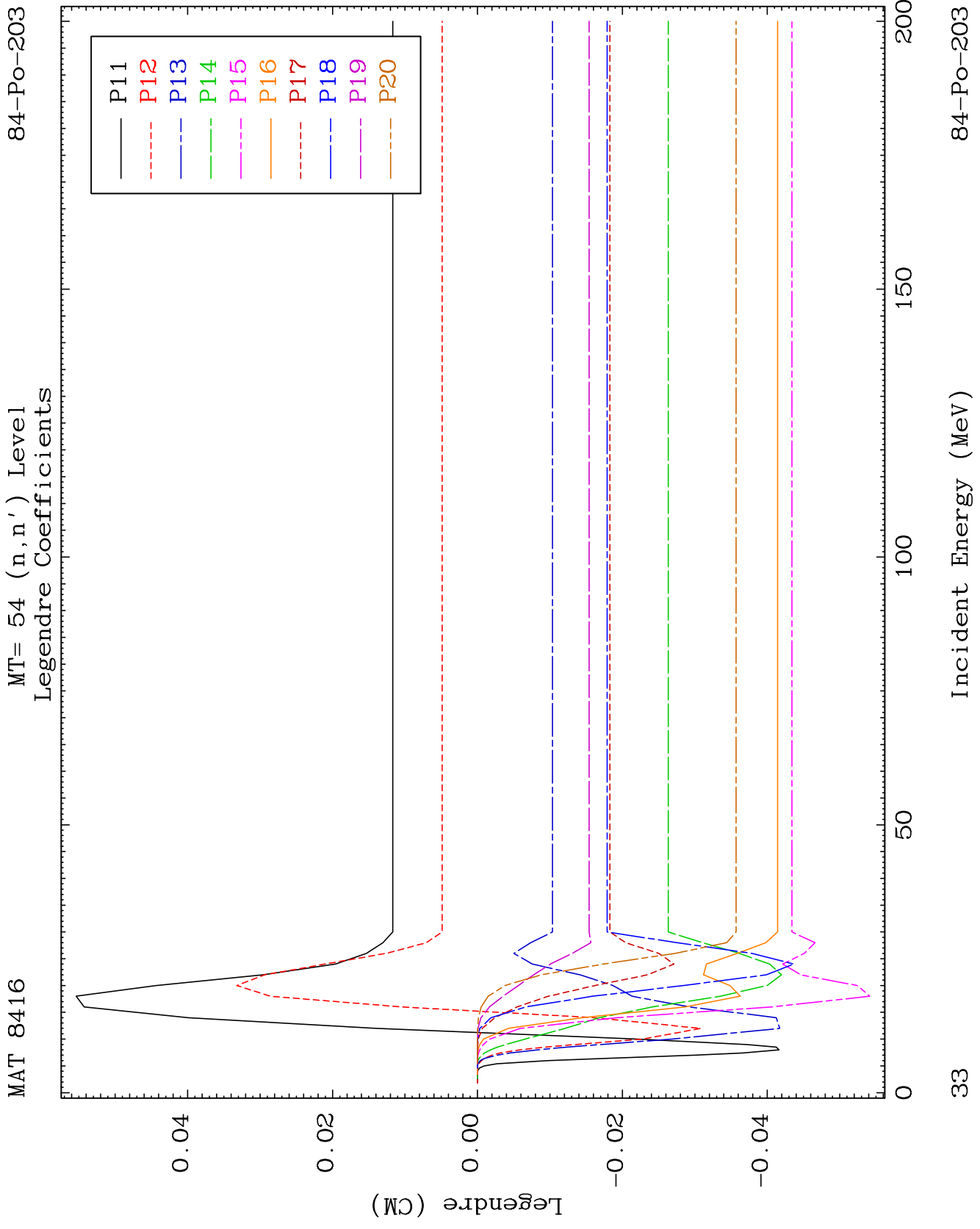
MT= 54 (n,n') Level
Legendre Coefficients

84-Po-203



32

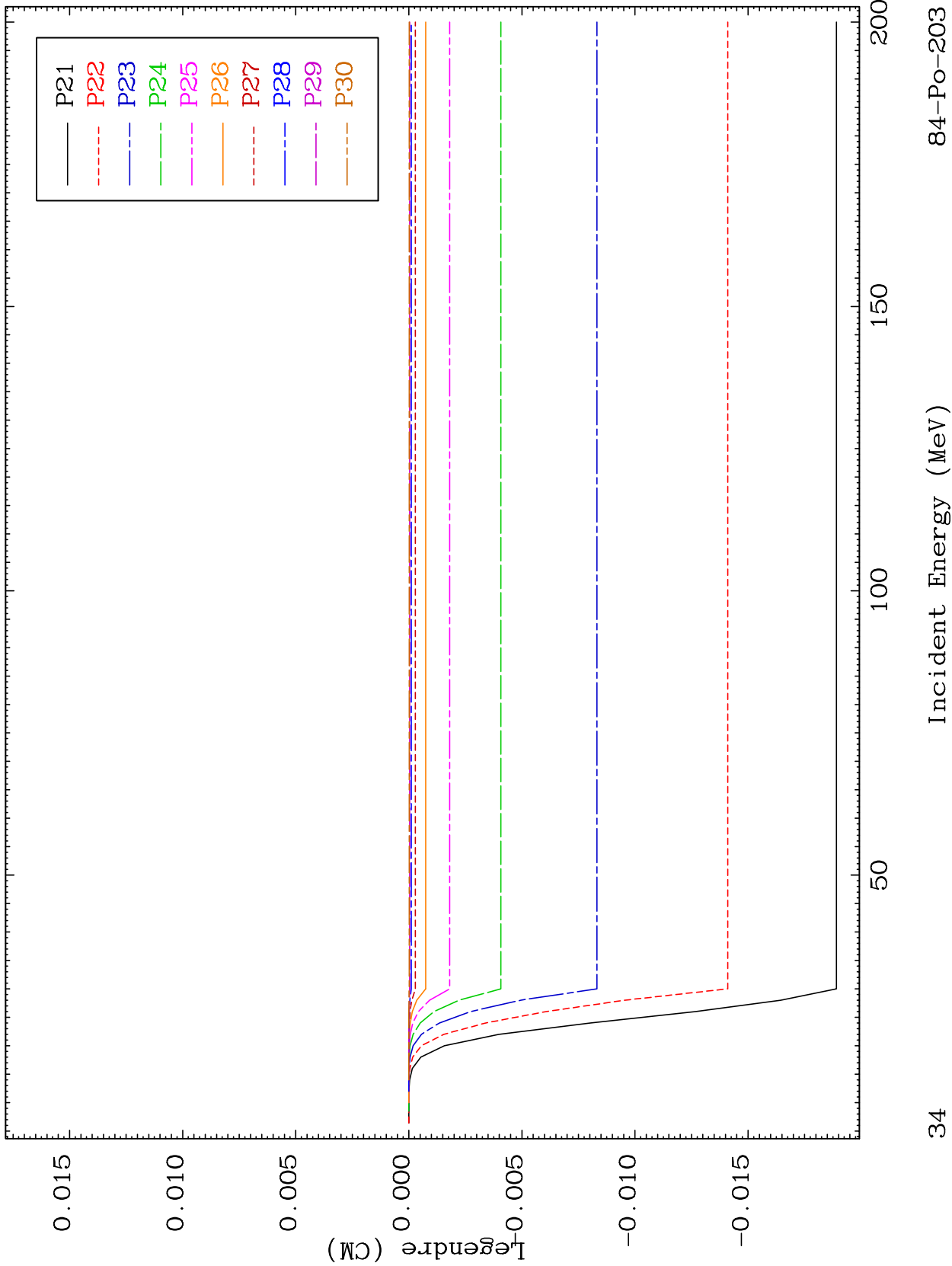
84-Po-203



MAT 8416

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

84-Po-203



34

Incident Energy (MeV)

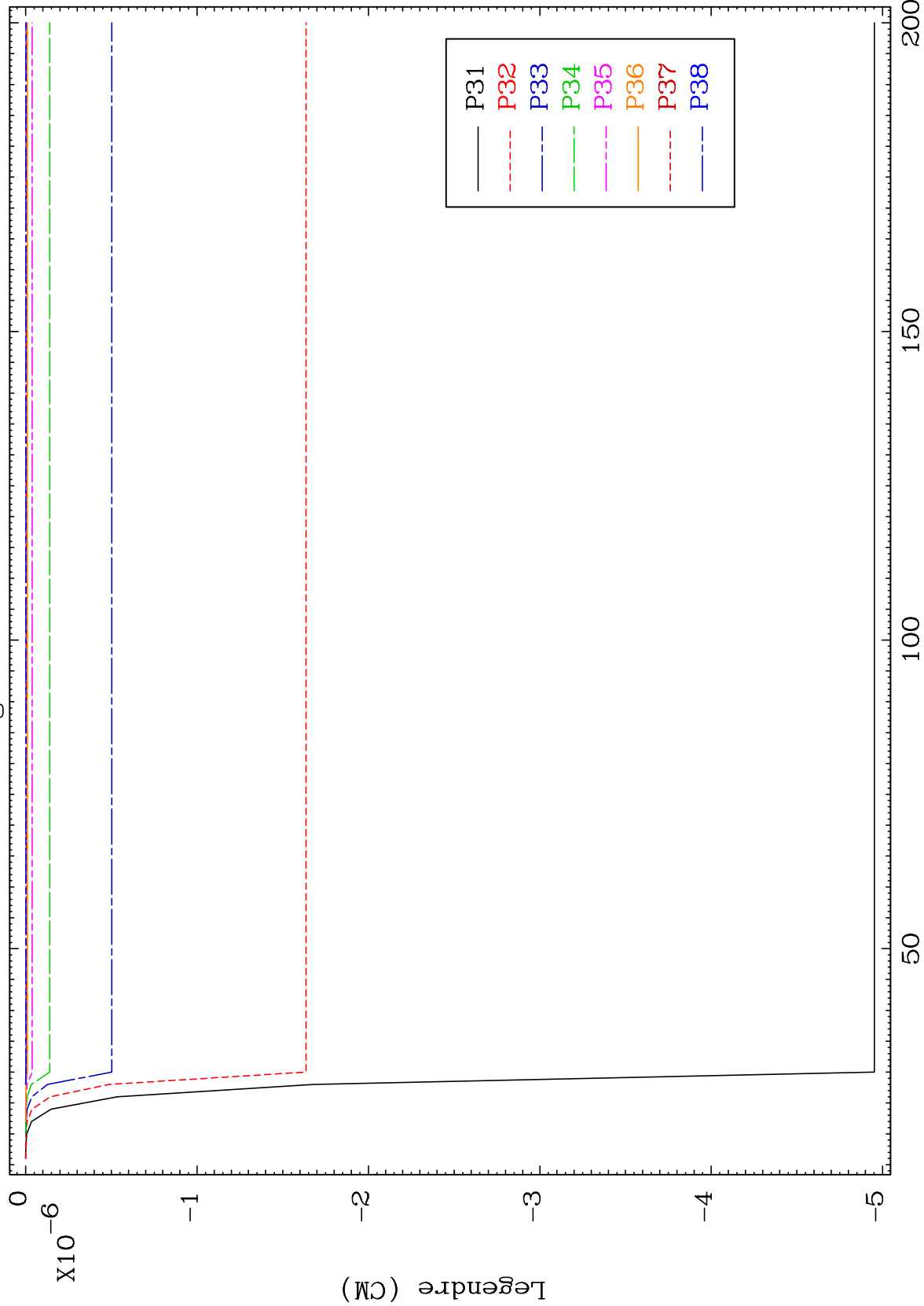
84-Po-203

MAT 8416

MT= 54 (n,n') Level

84-Po-203

Legendre Coefficients



35

84-Po-203

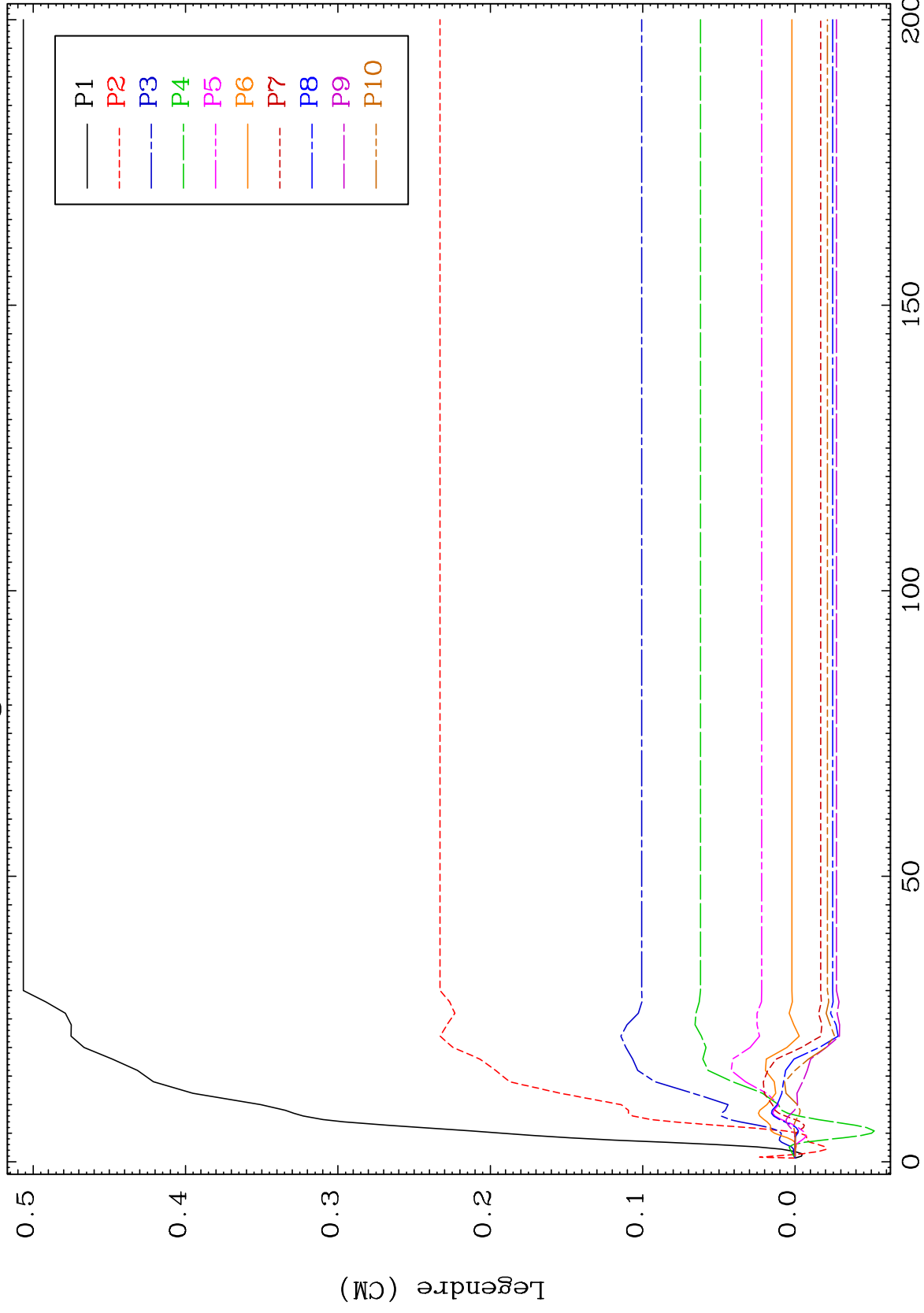
84-Po-203

MAT 8416

MT= 55 (n,n') Level

84-Po-203

Legendre Coefficients



36

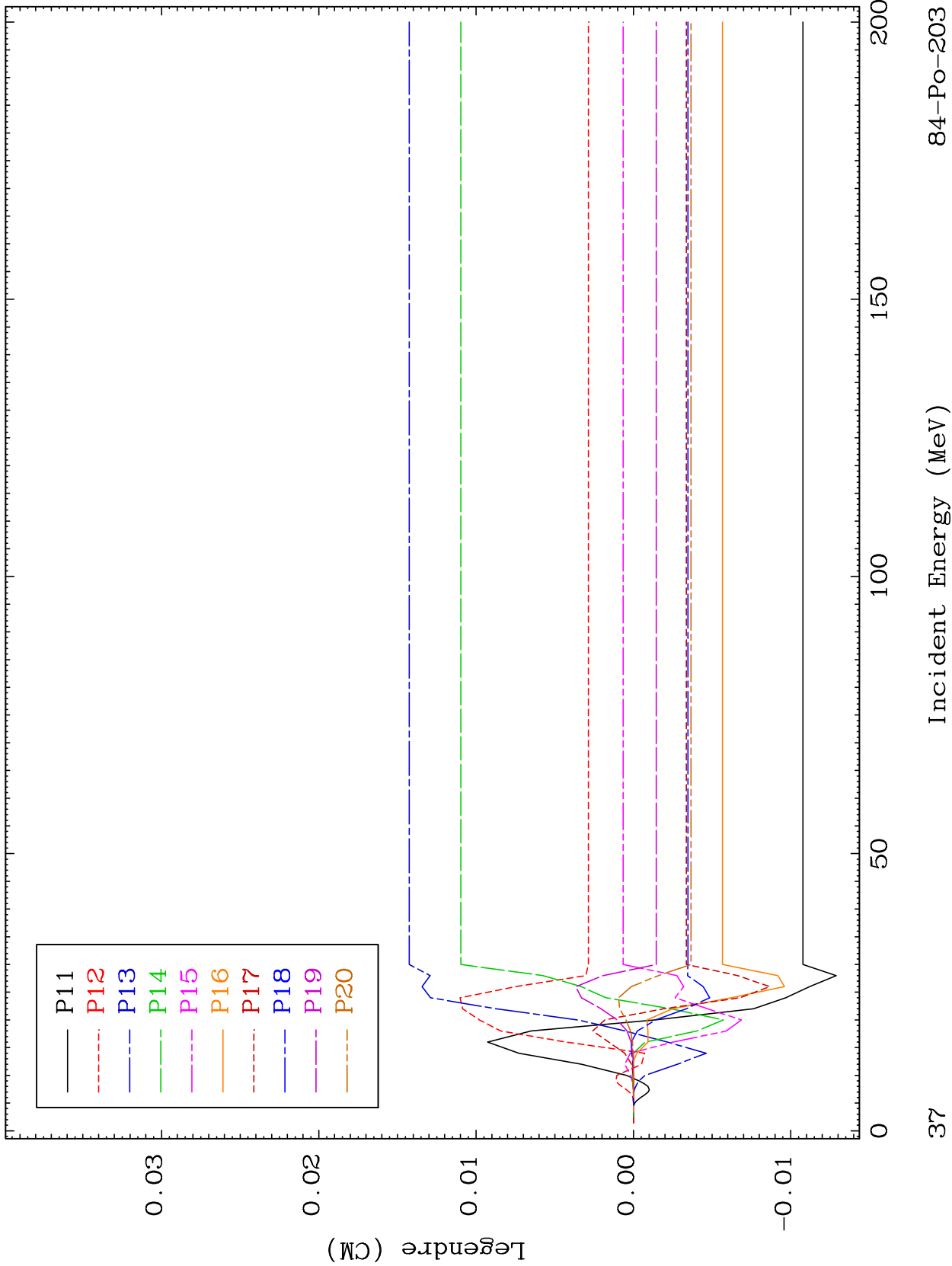
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



37

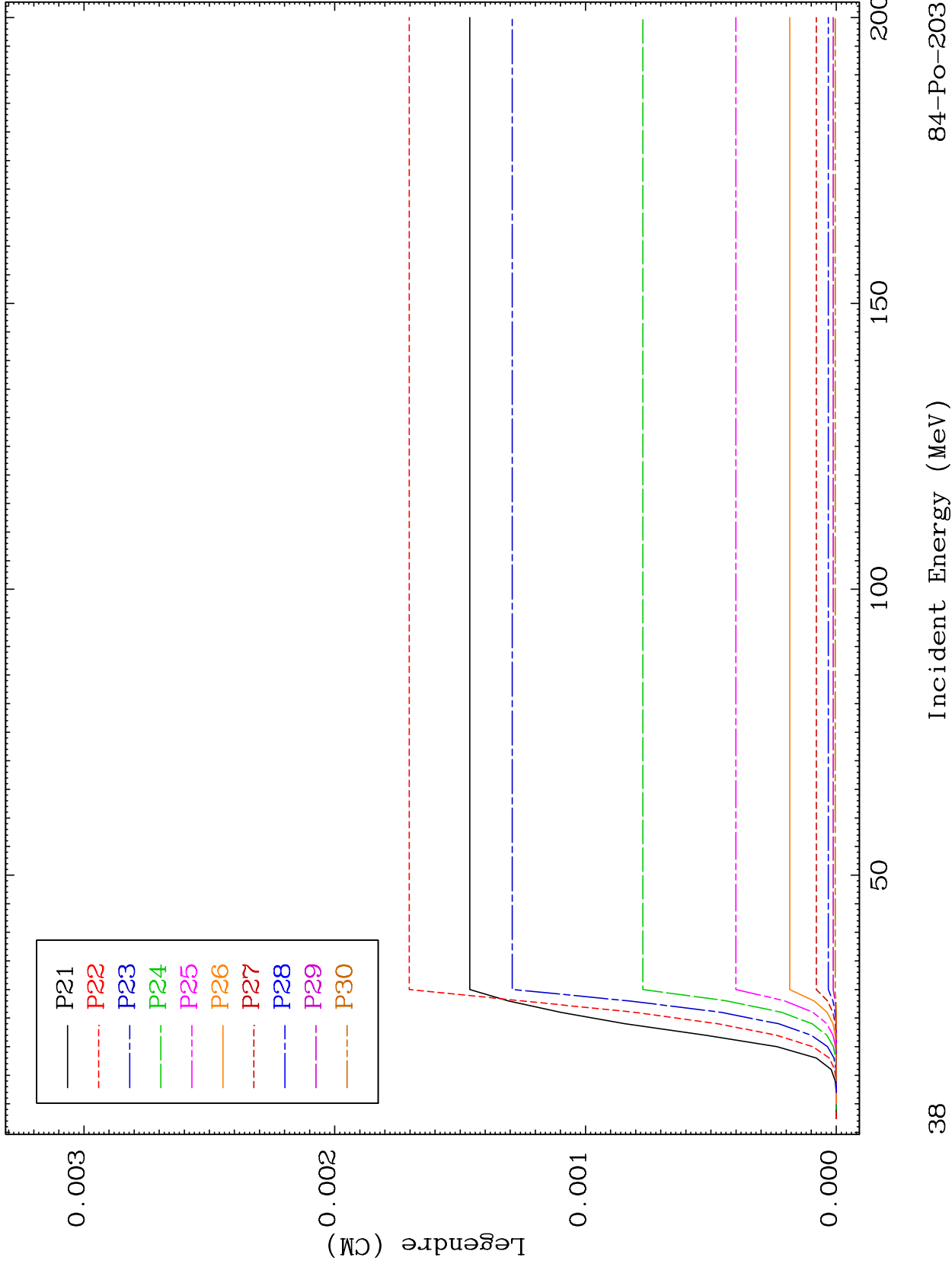
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



38

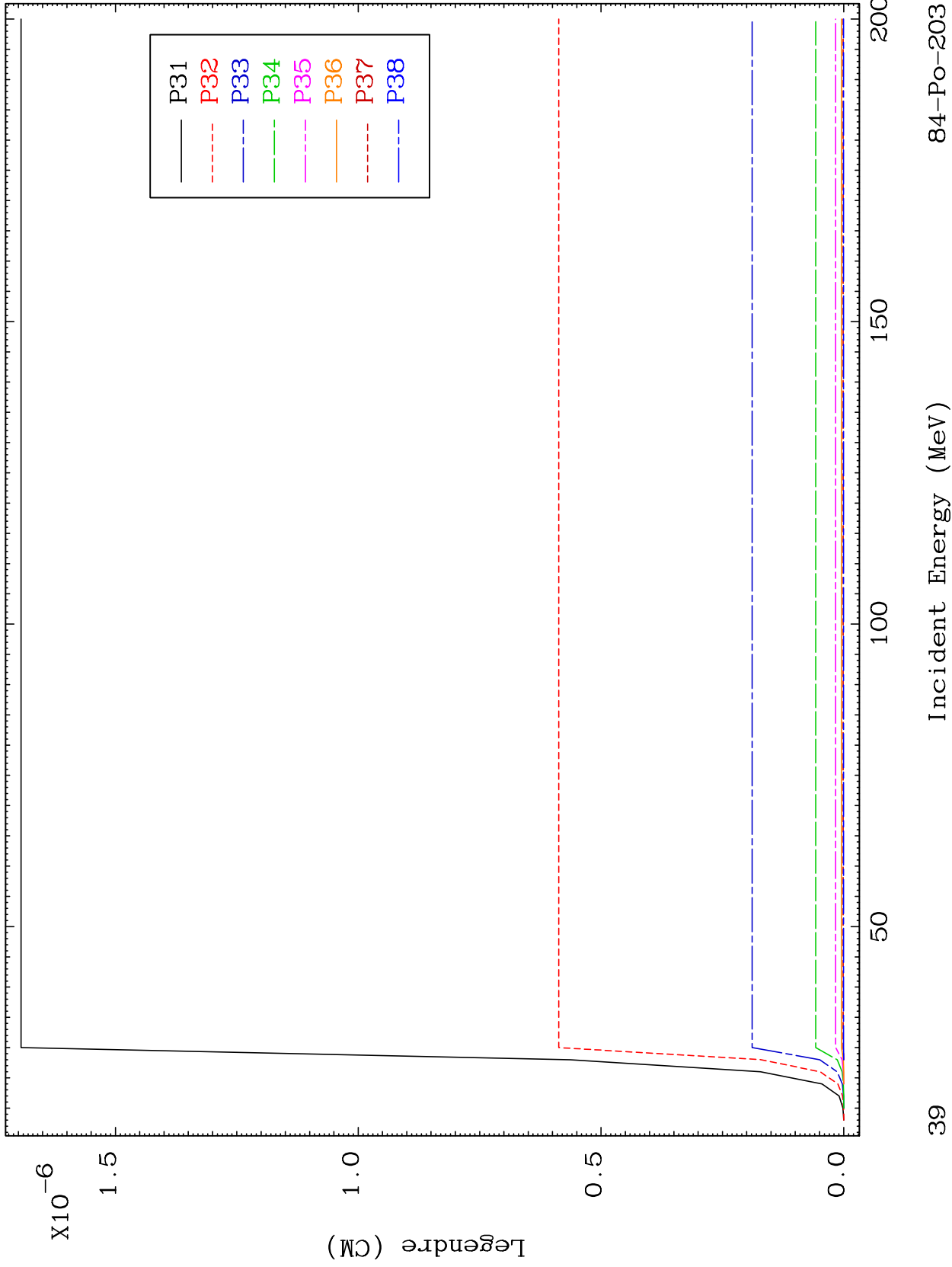
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



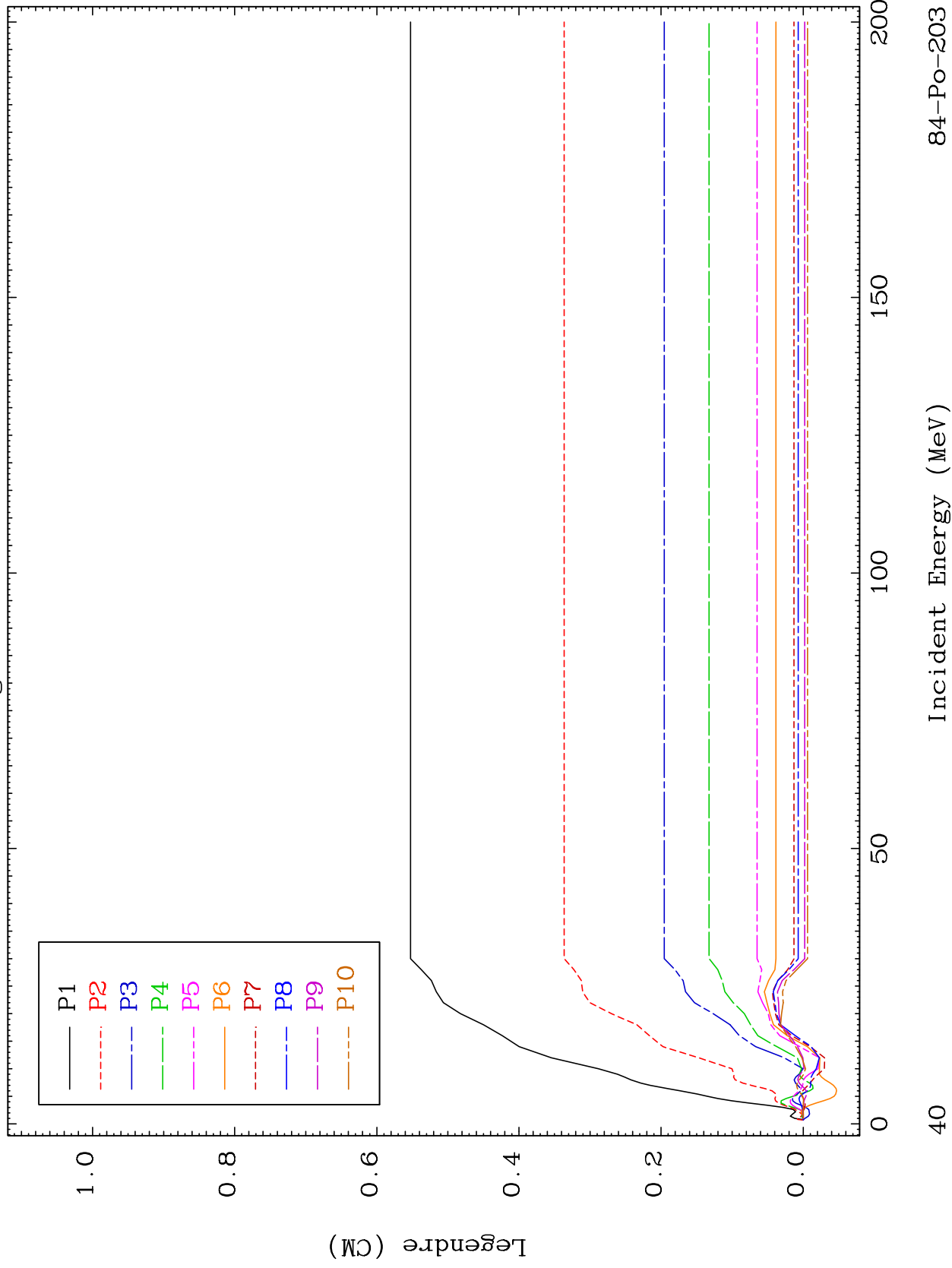
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84-Po-203

MAT 8416

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

84-Po-203

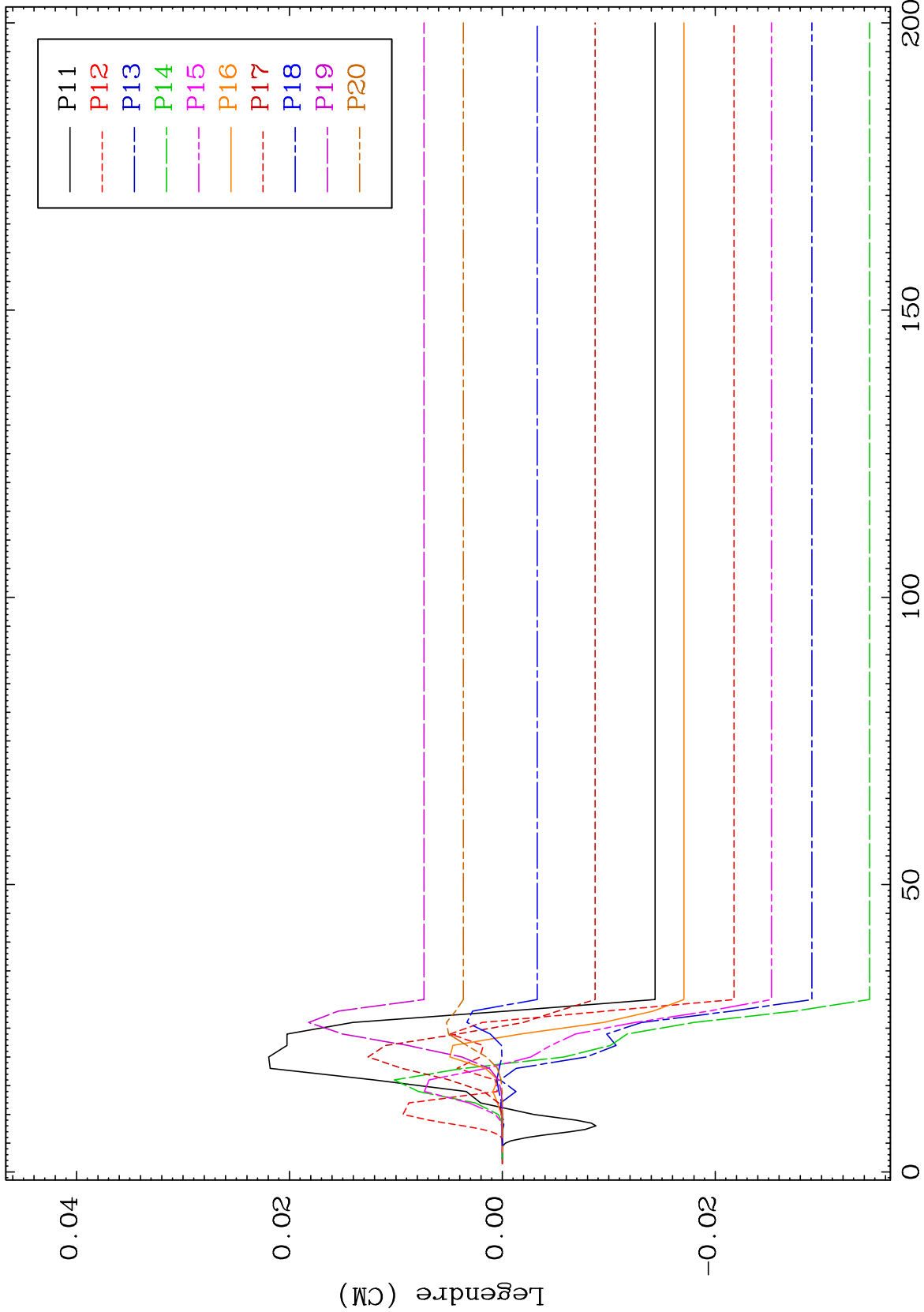


84-Po-203

MAT 8416

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

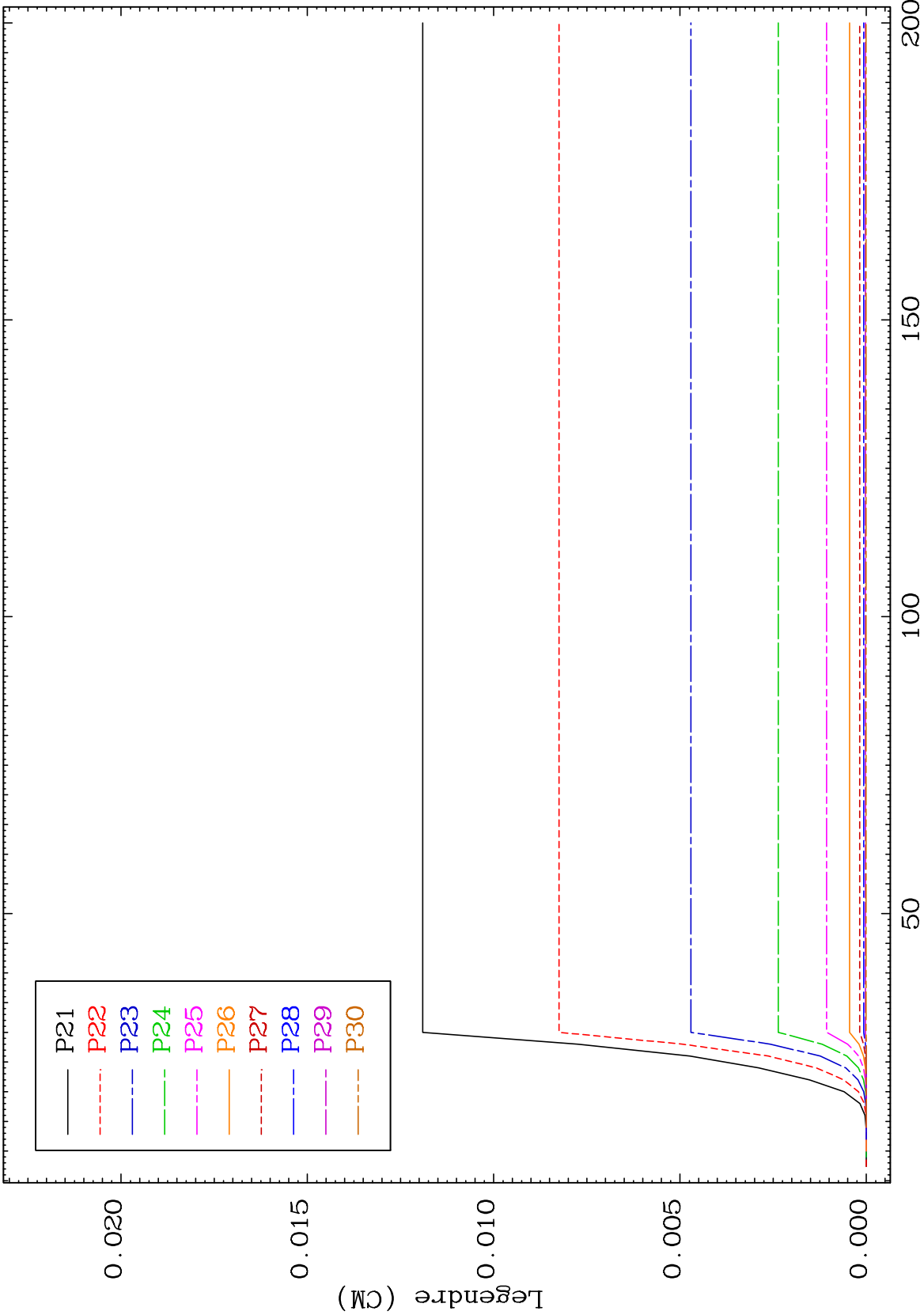
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MAT 8416

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

84-Po-203



42

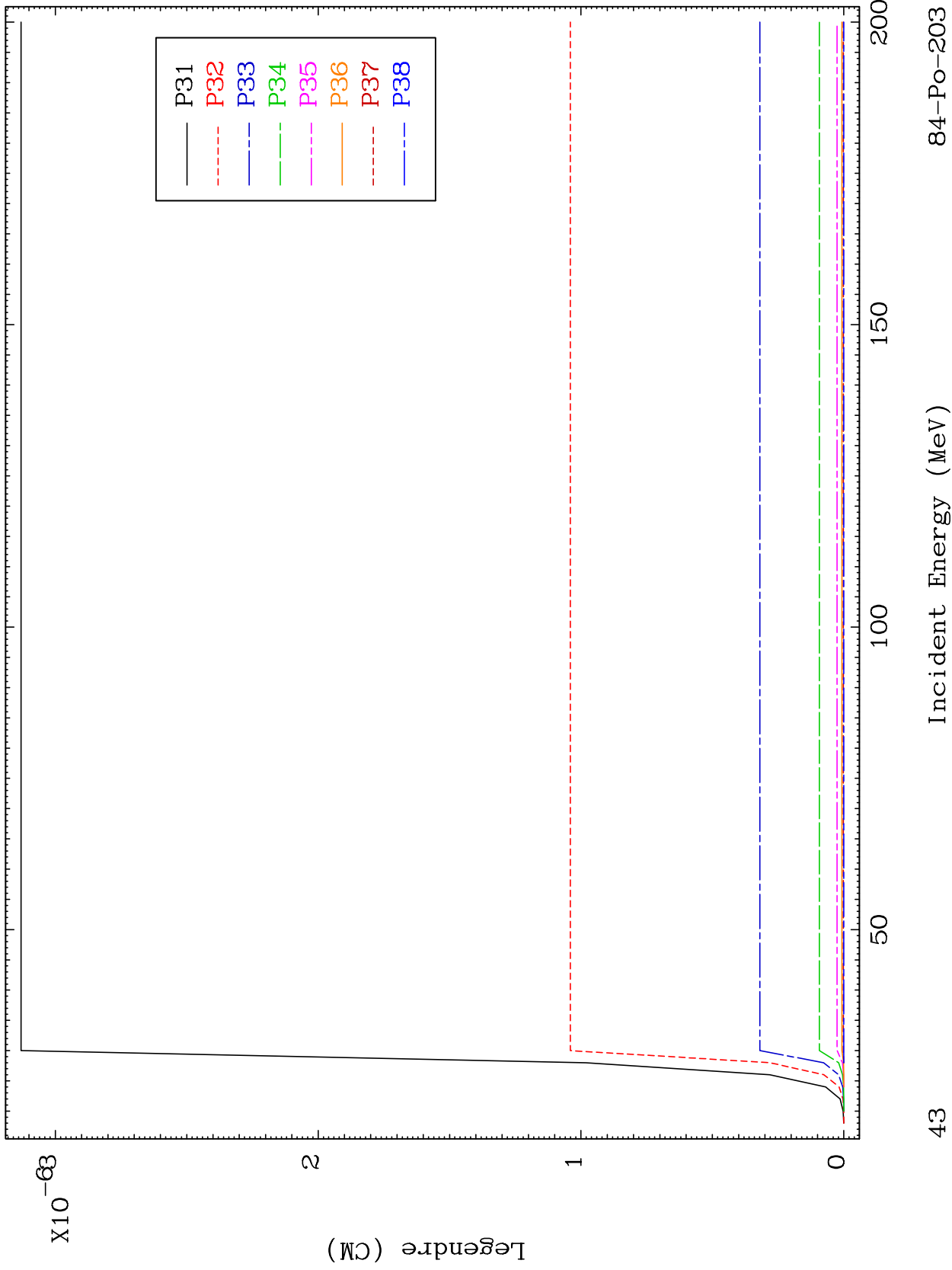
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



43

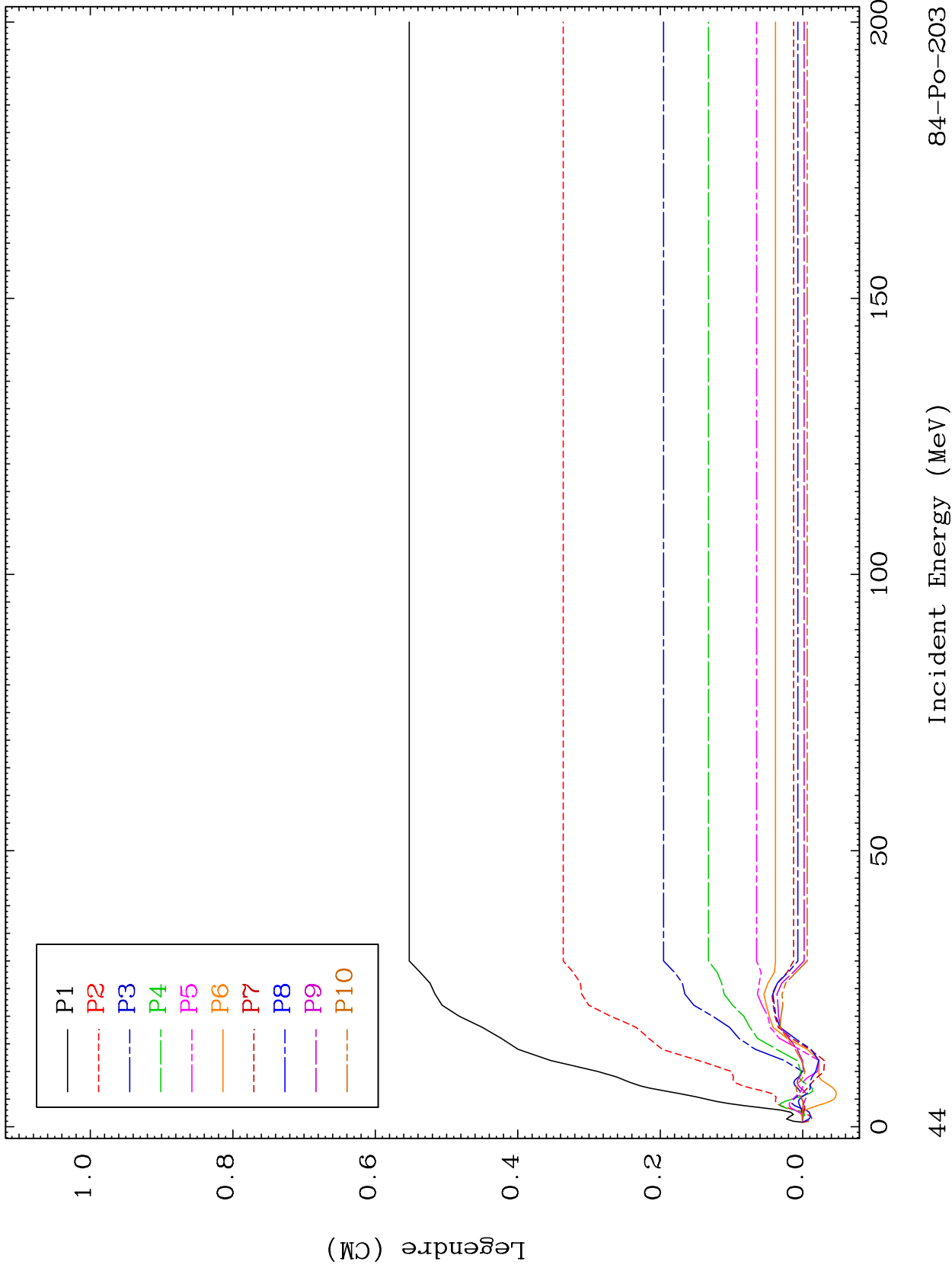
Incident Energy (MeV)

84-Po-203

MAT 8416

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

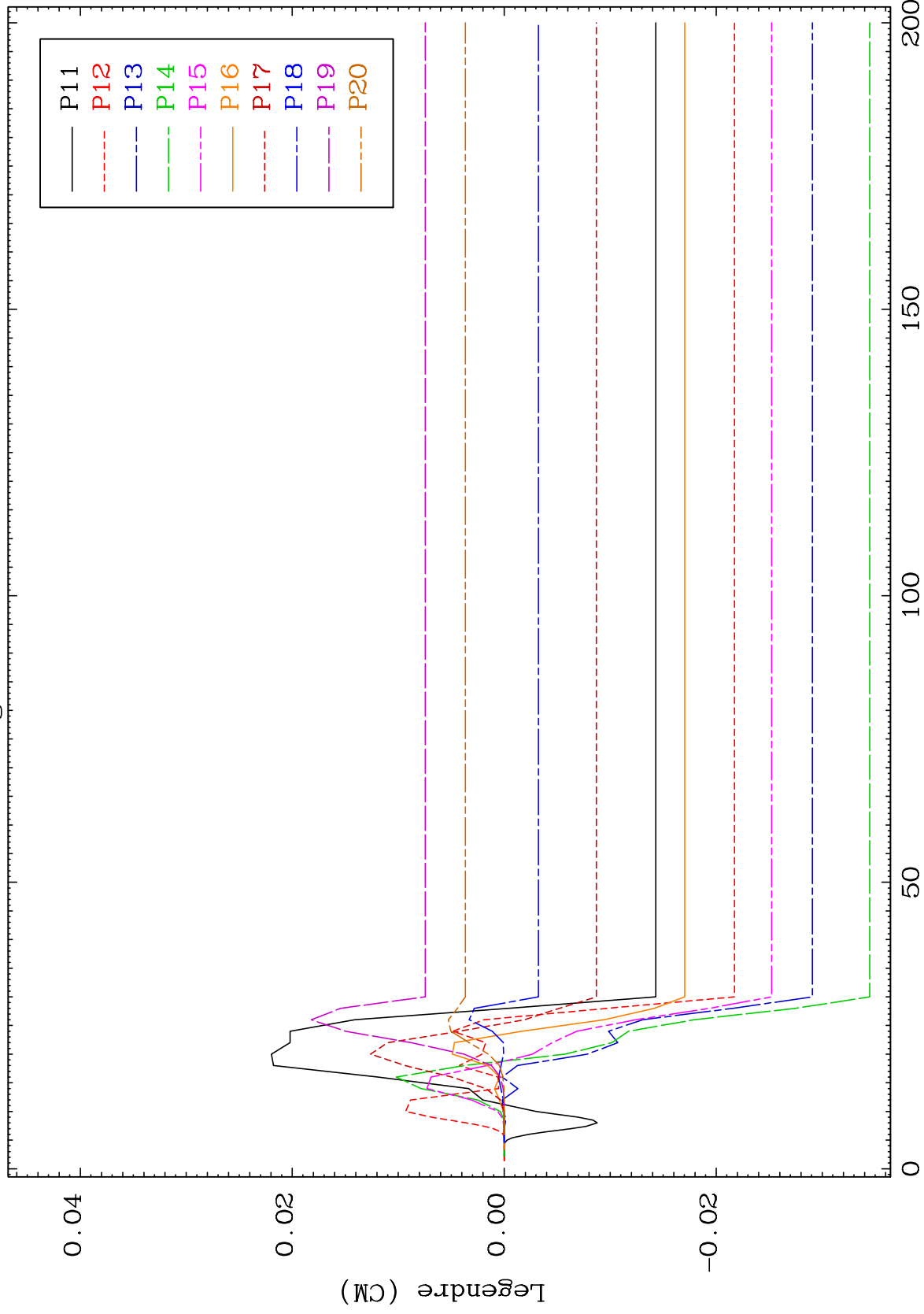
84-Po-203



MAT 8416

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

84-Po-203



45

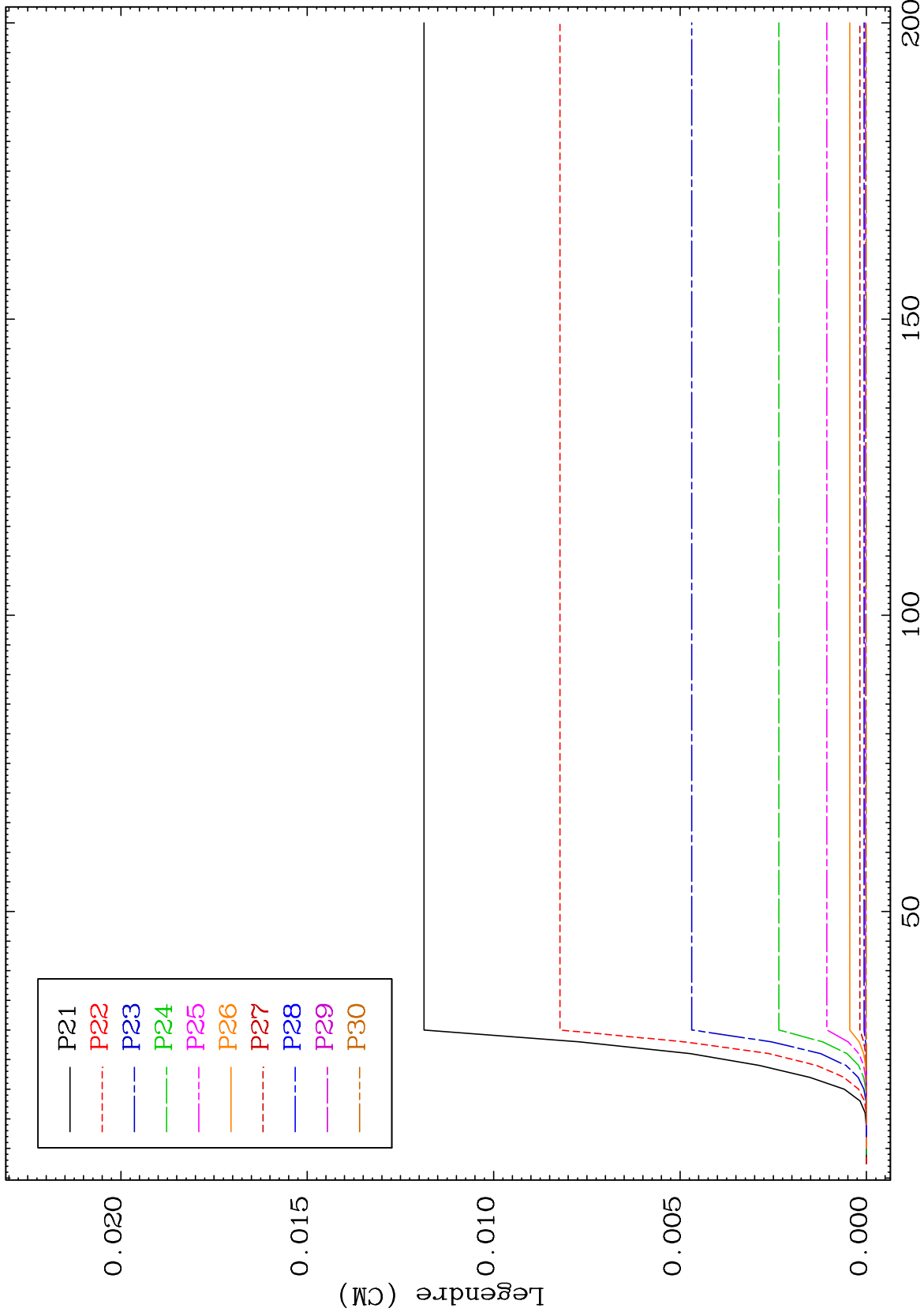
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



46

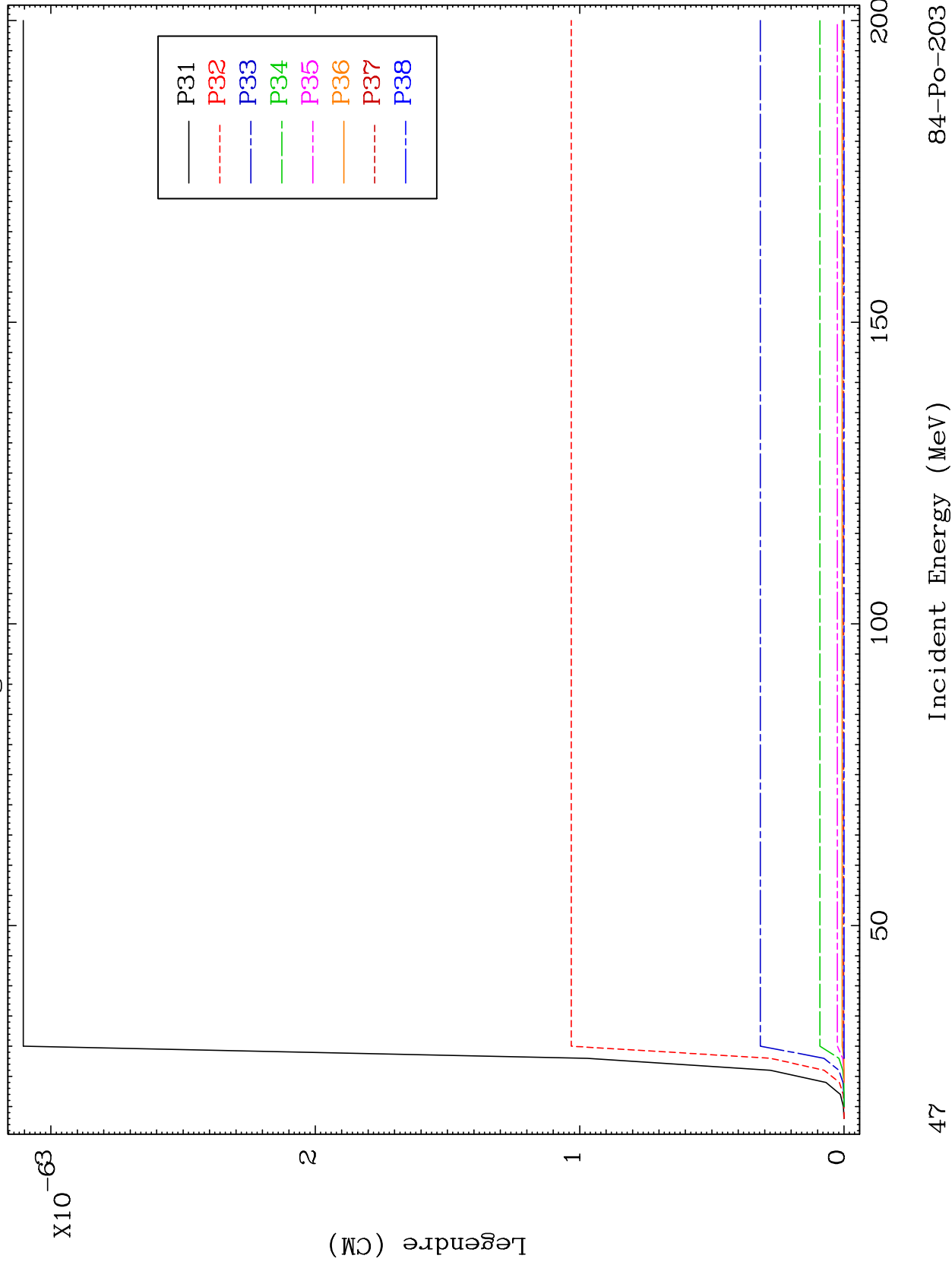
Incident Energy (MeV)

84-Po-203

MAT 8416

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

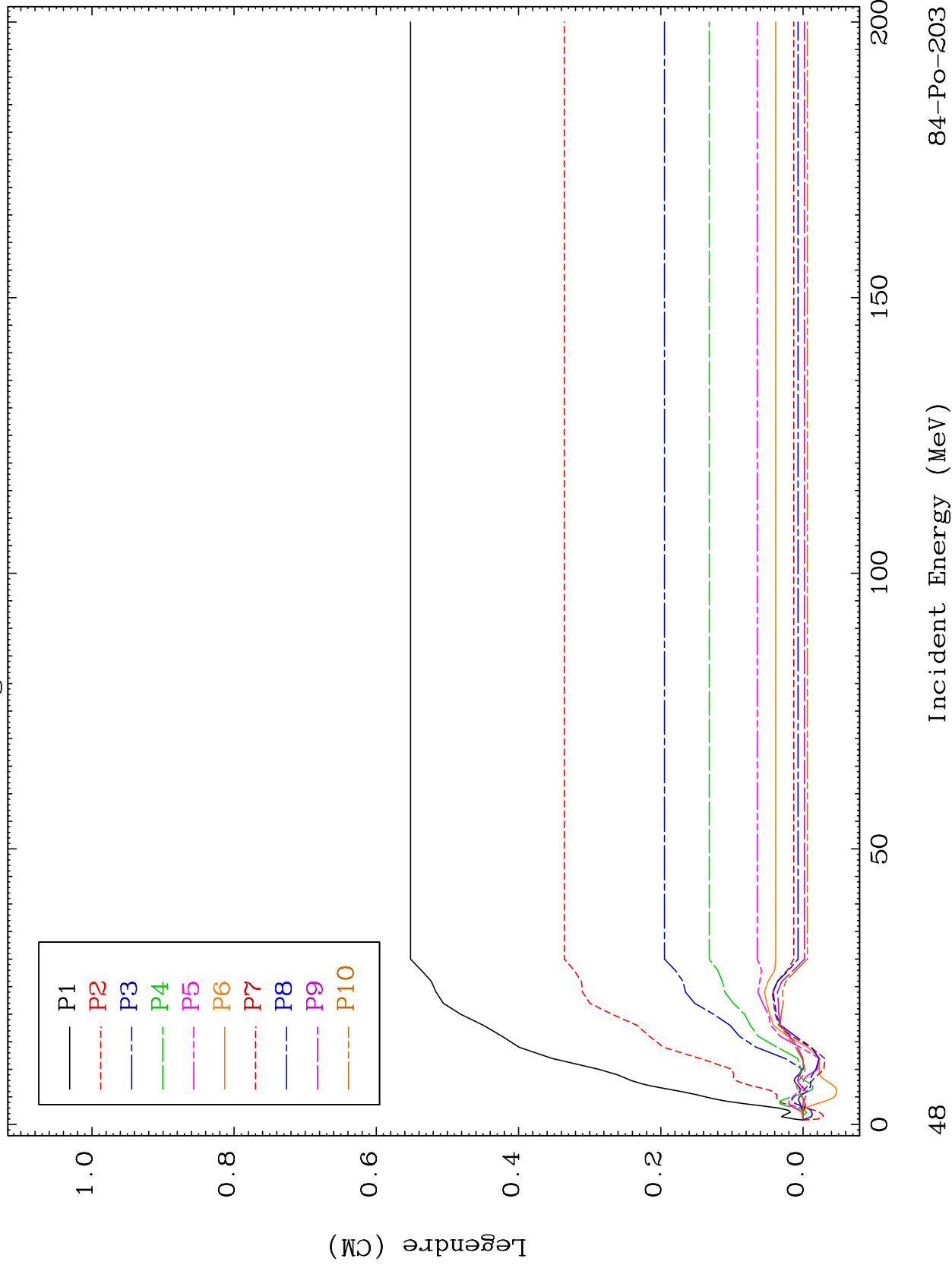
84-Po-203



MAT 8416

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

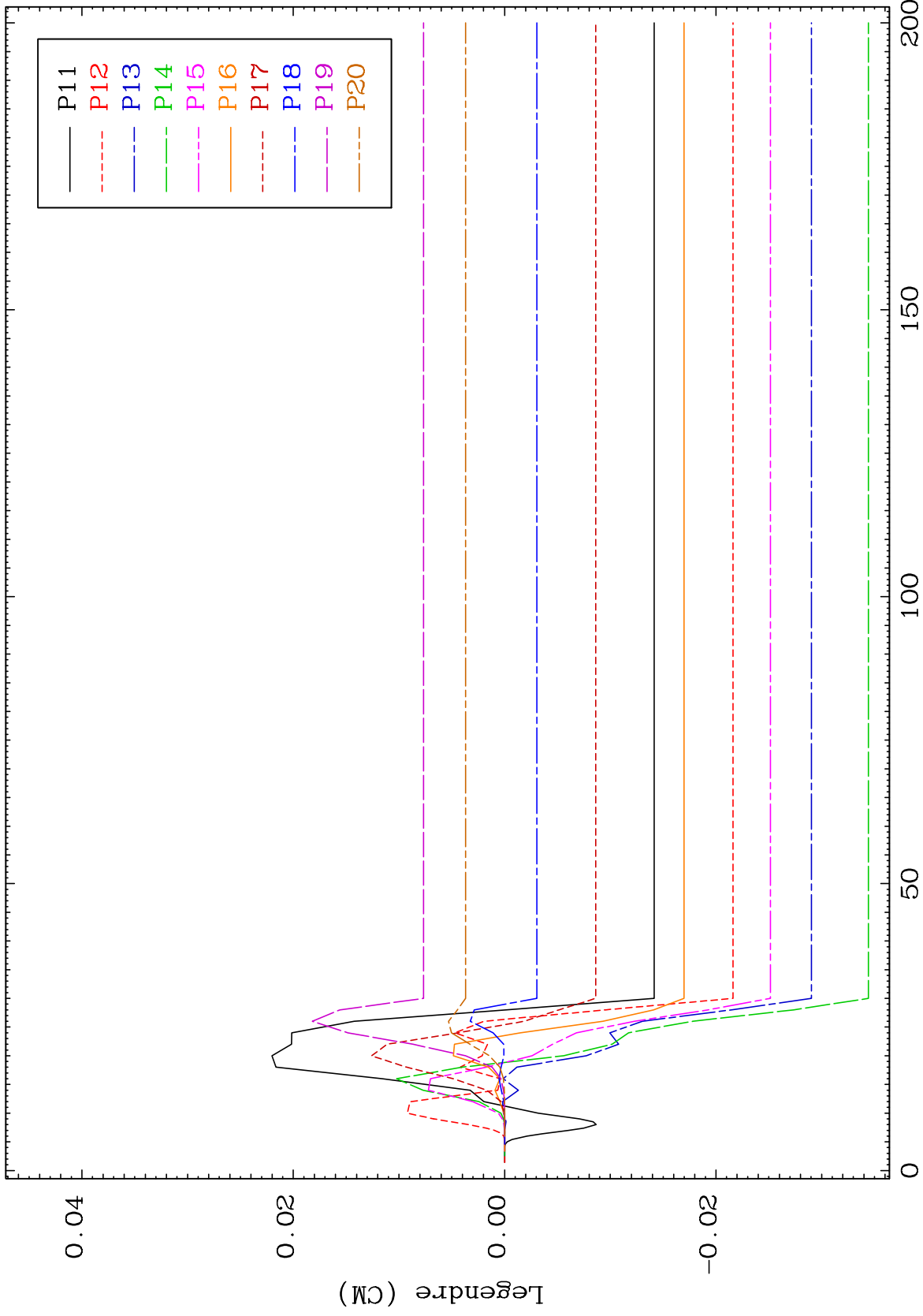
84-Po-203



MAT 8416

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

84-Po-203



49

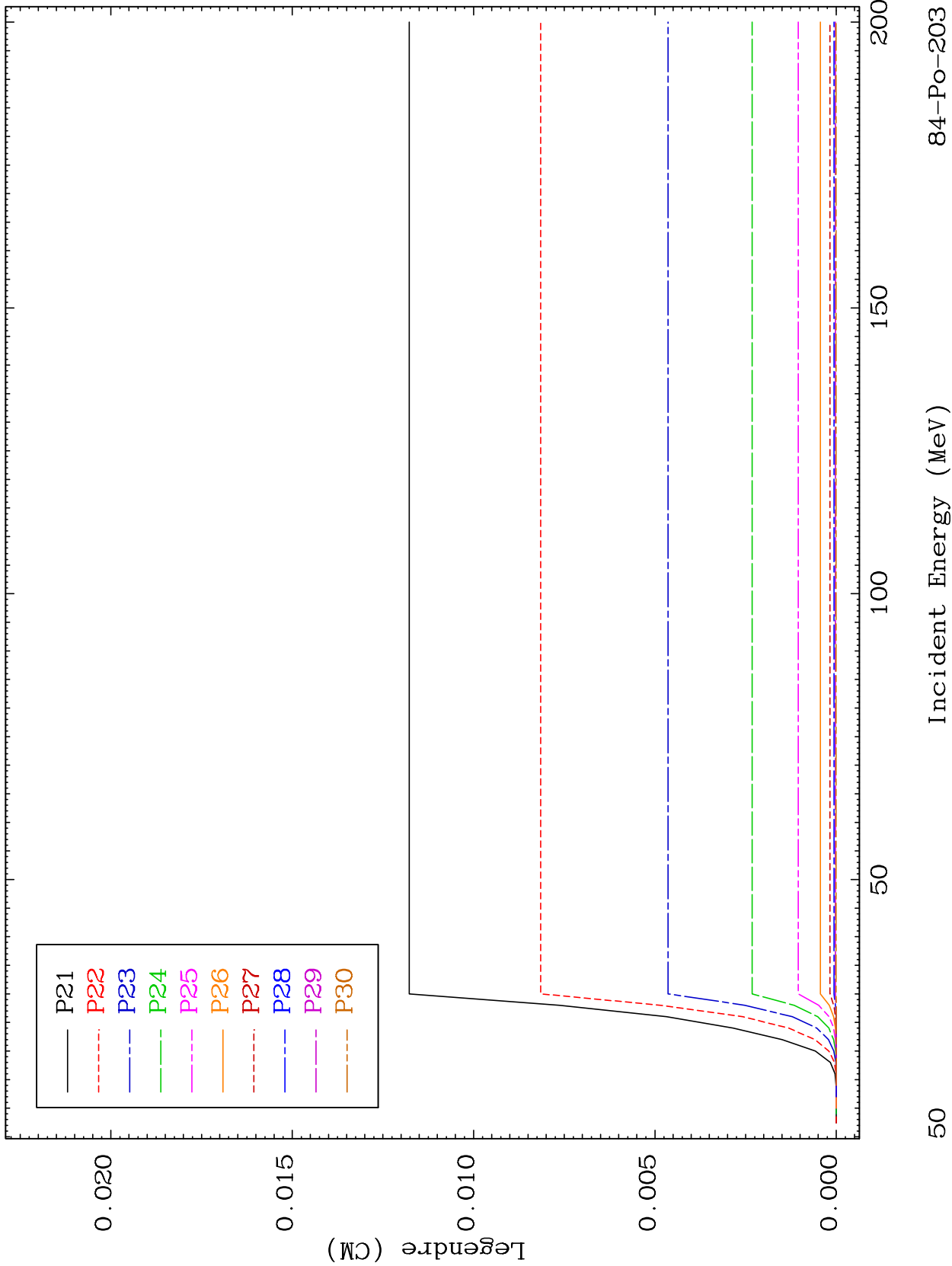
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



50

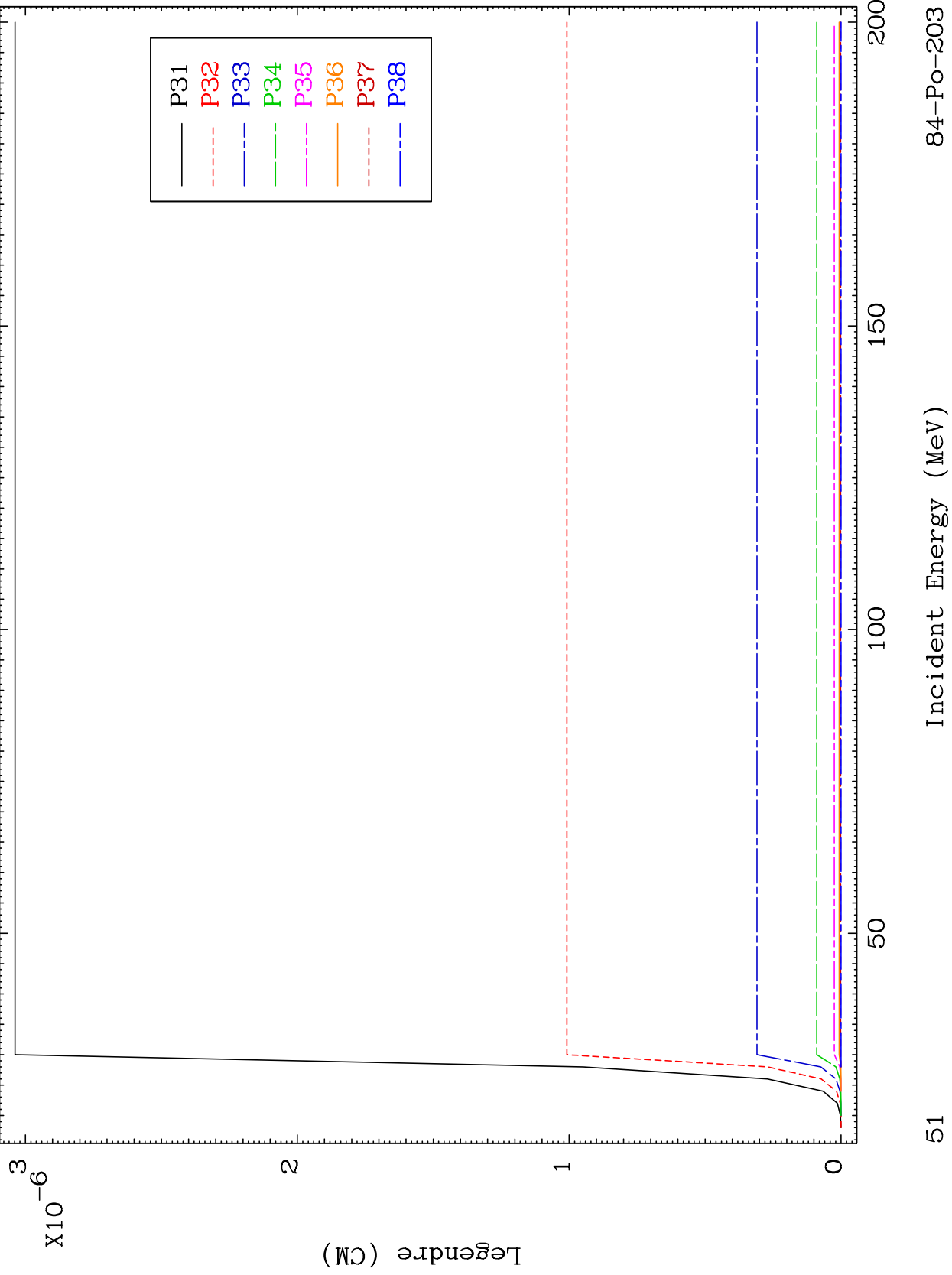
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



51

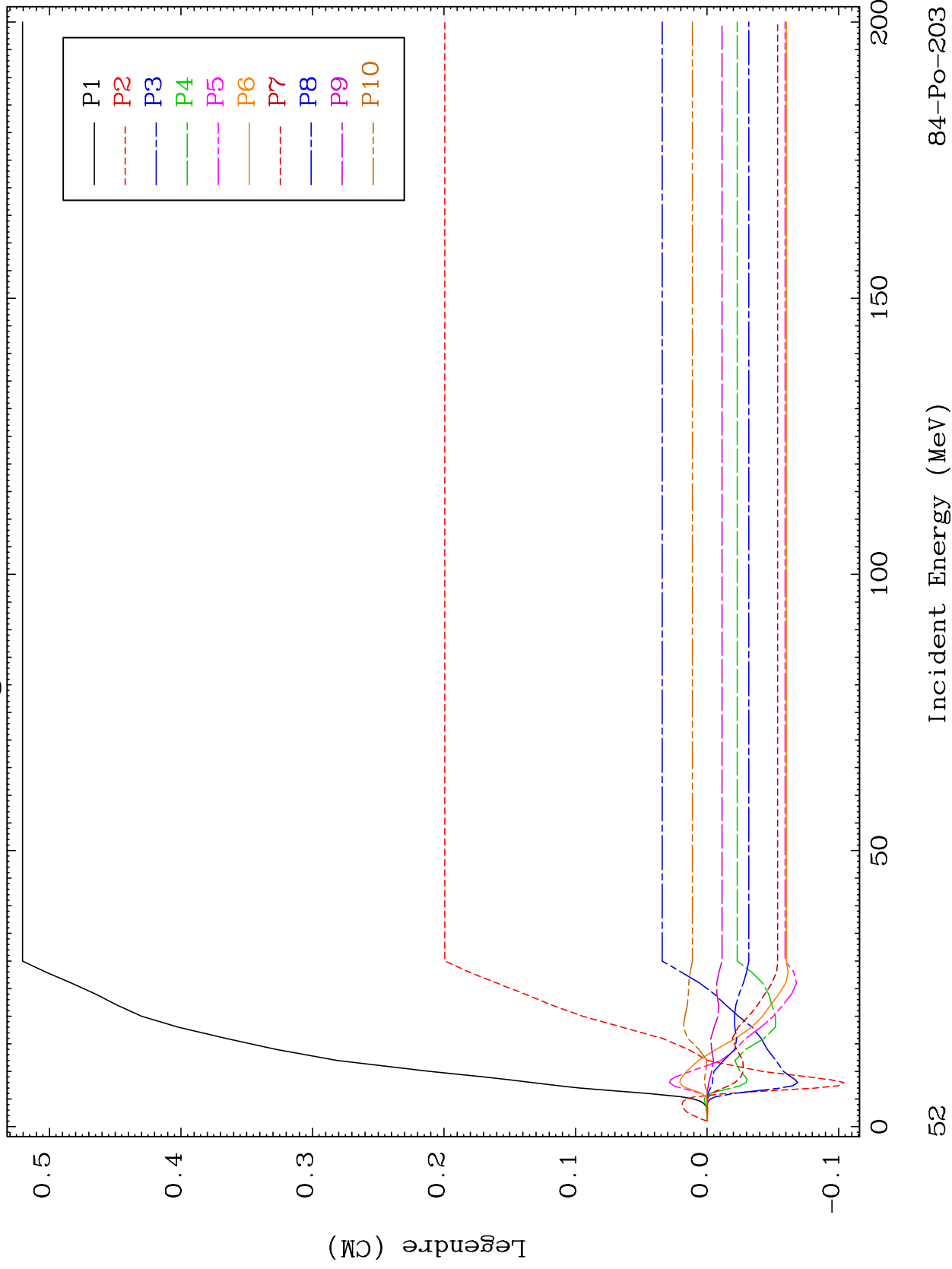
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



52

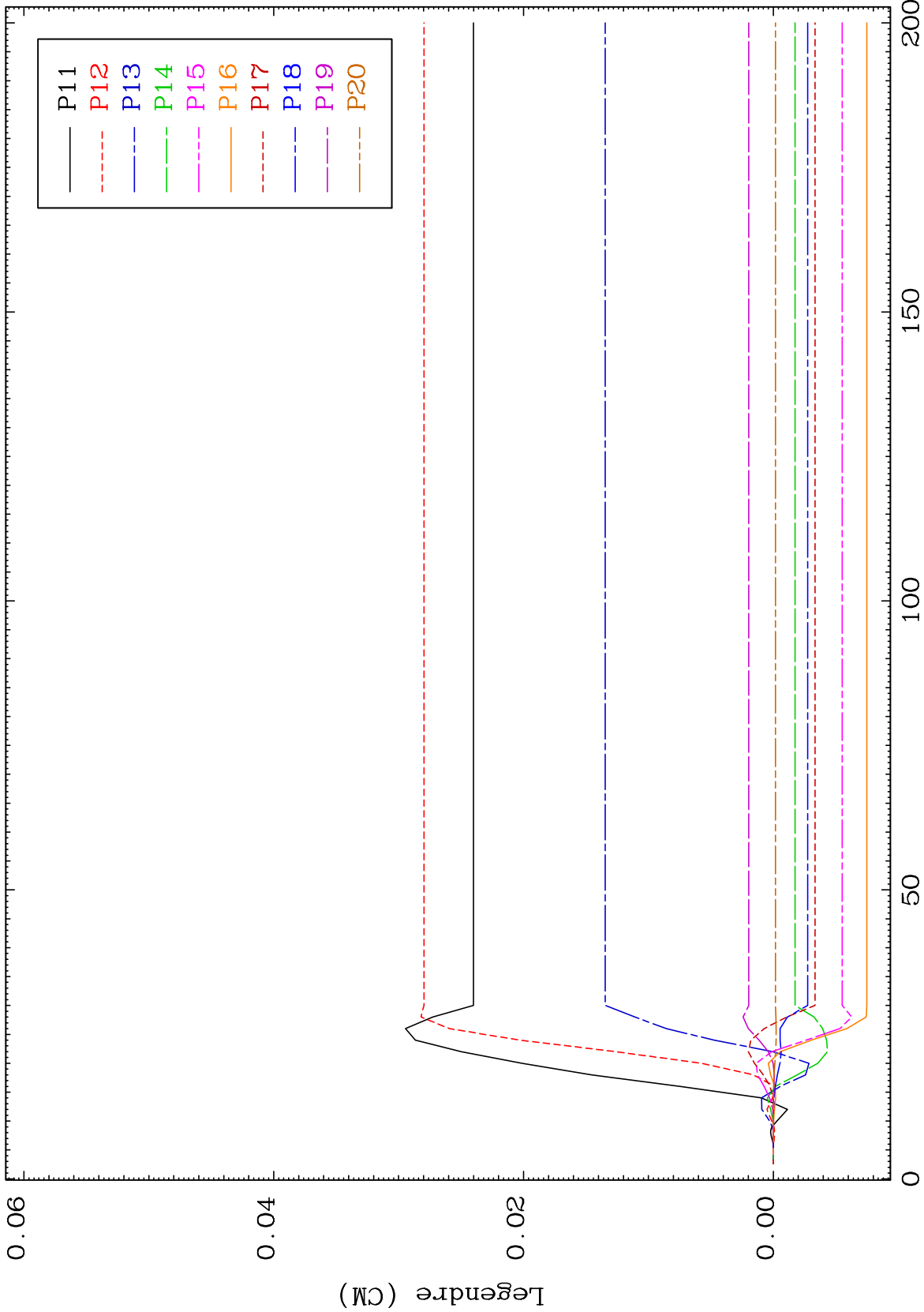
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



53

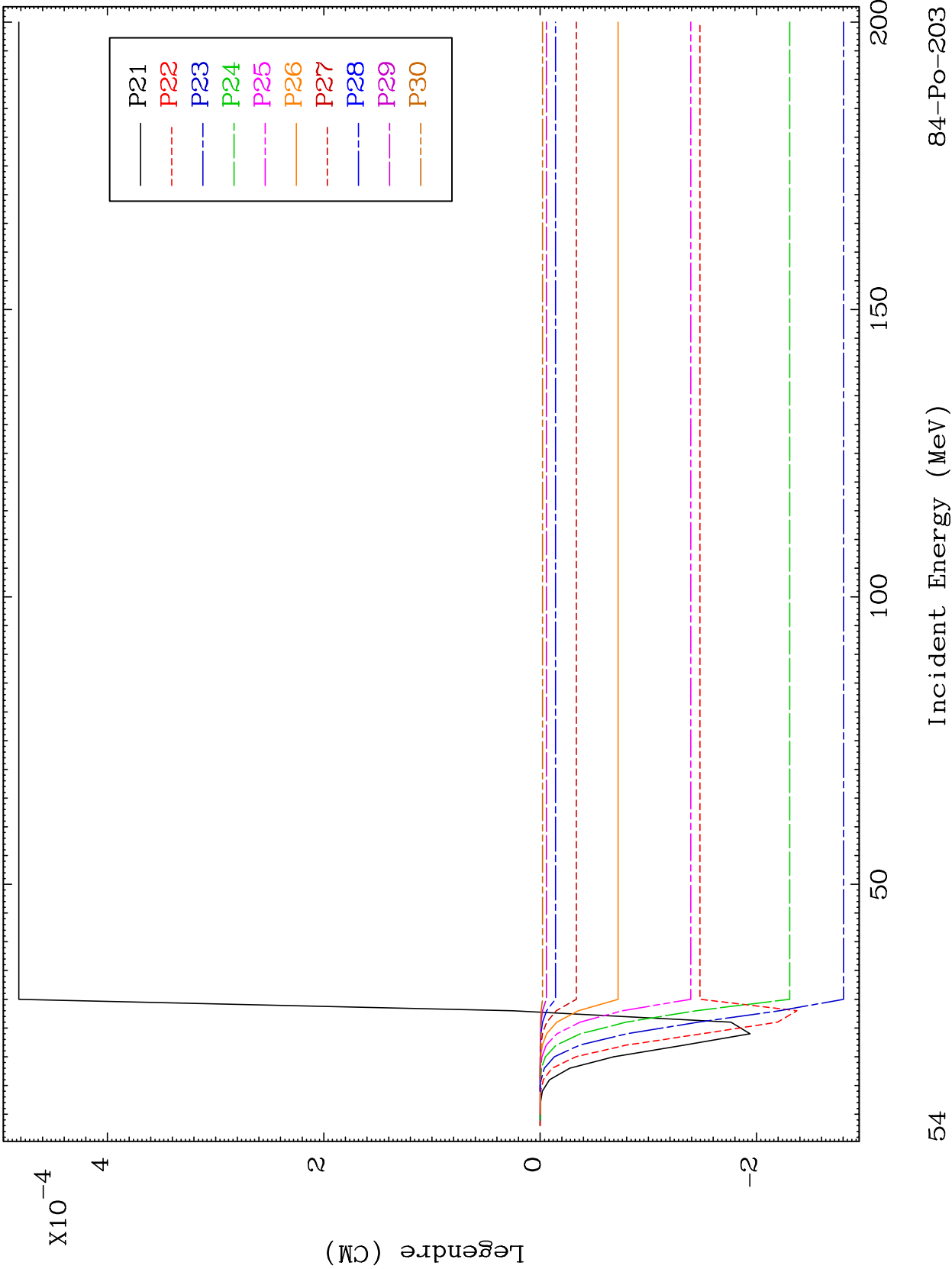
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



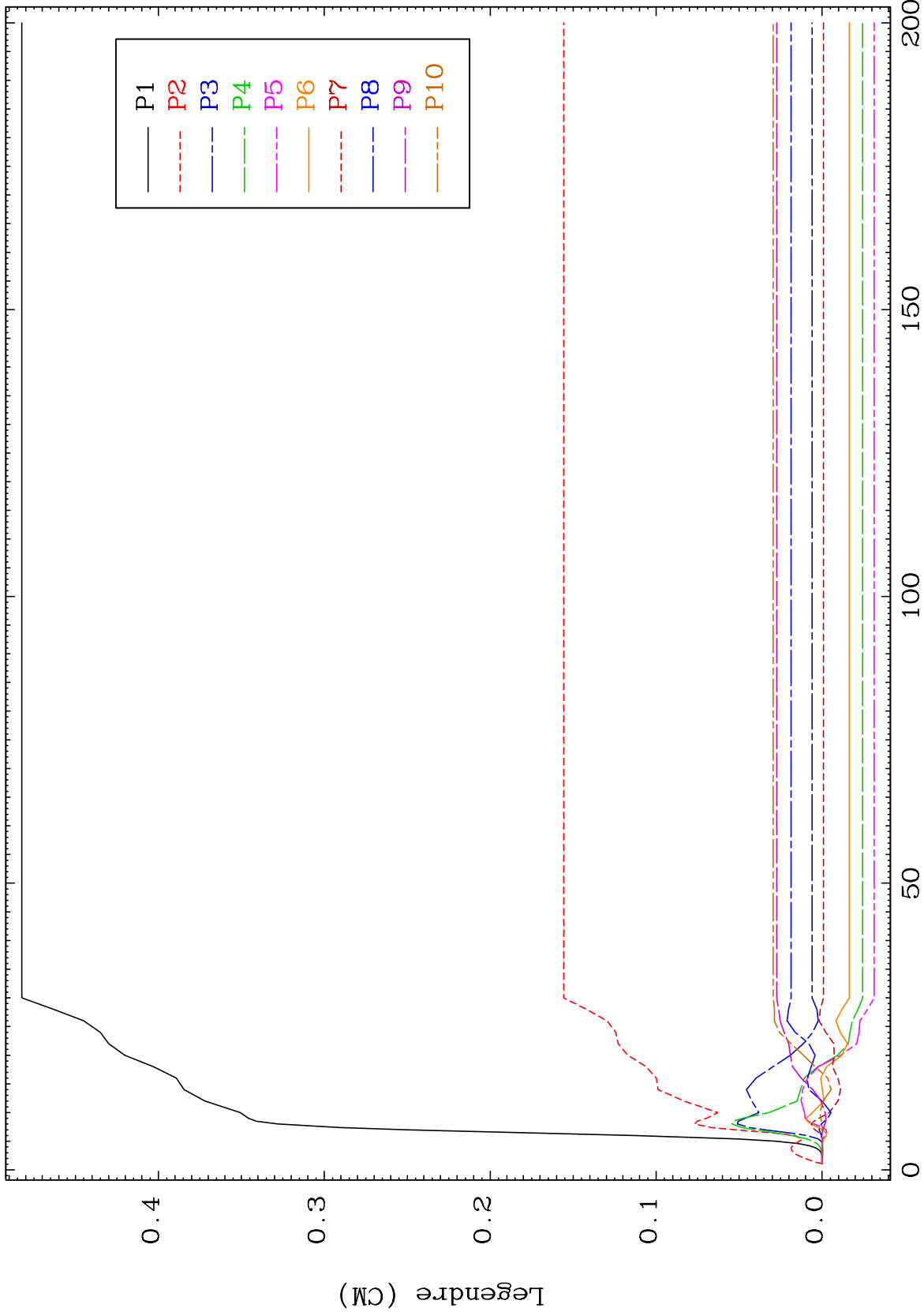
54

84-Po-203

MAT 8416

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

84-Po-203



56

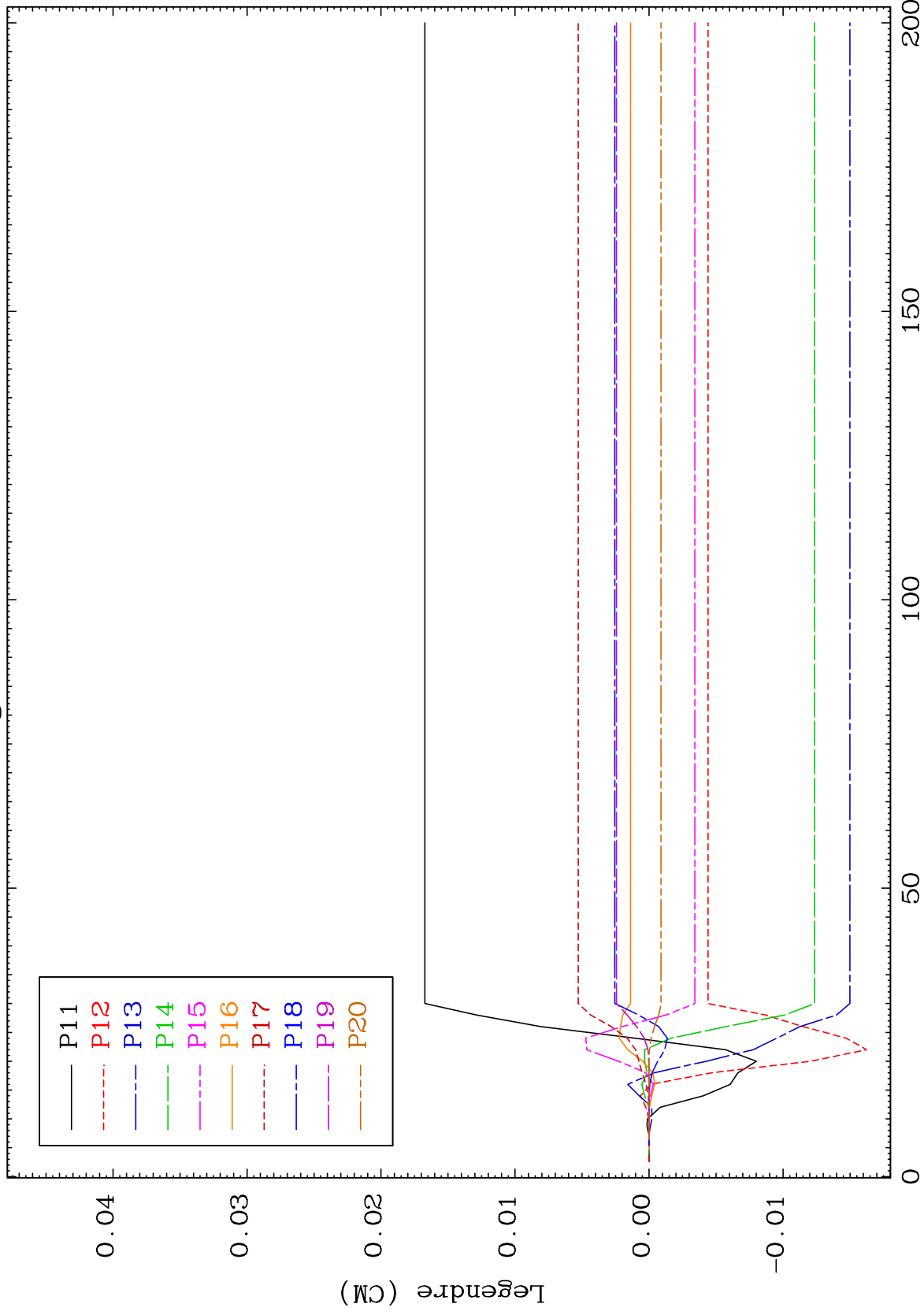
Incident Energy (MeV)

84-Po-203

MAT 8416

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

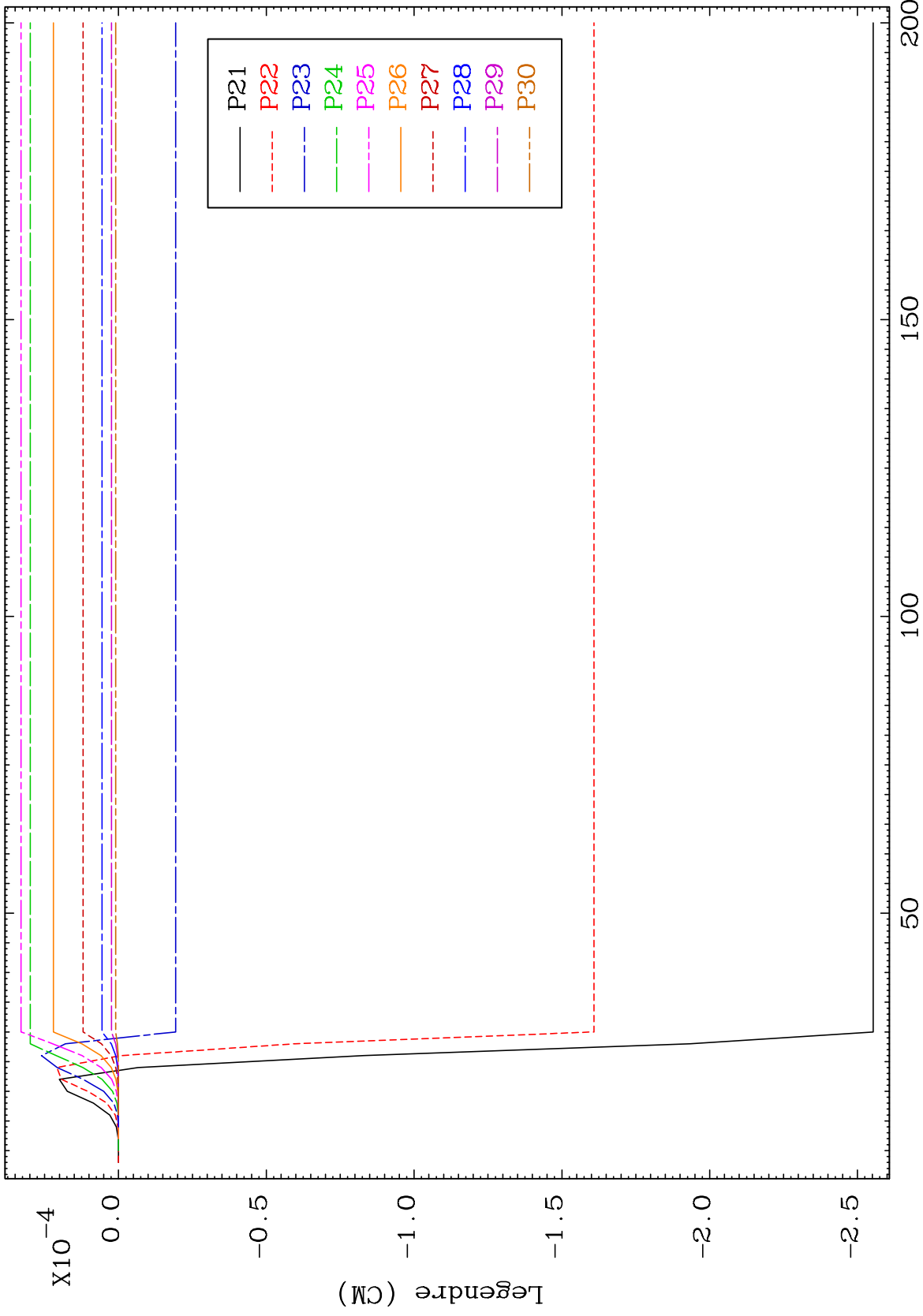
84-Po-203



57

Incident Energy (MeV)

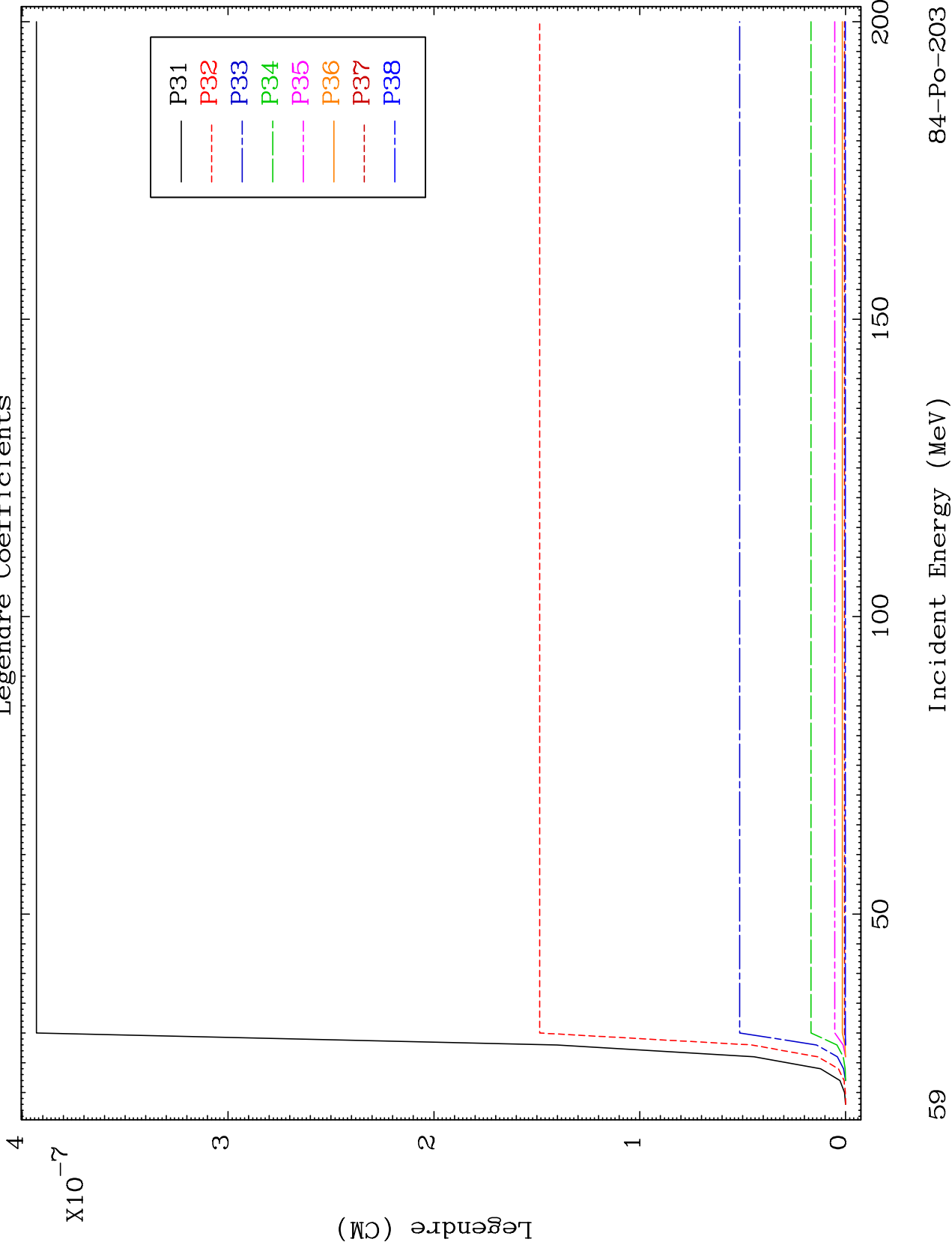
84-Po-203



MAT 8416

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

84-Po-203



59

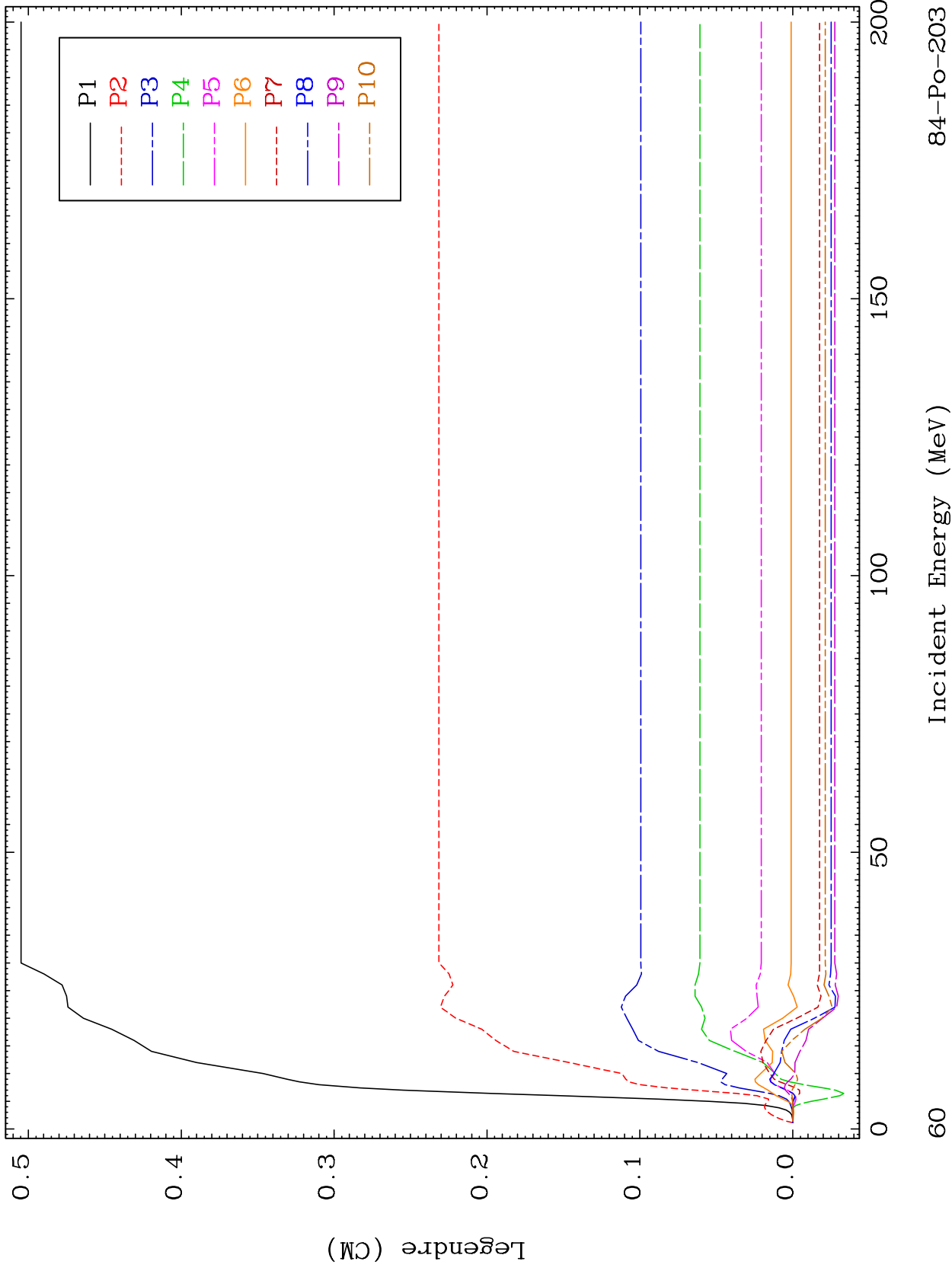
Incident Energy (MeV)

84-Po-203

MAT 8416

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

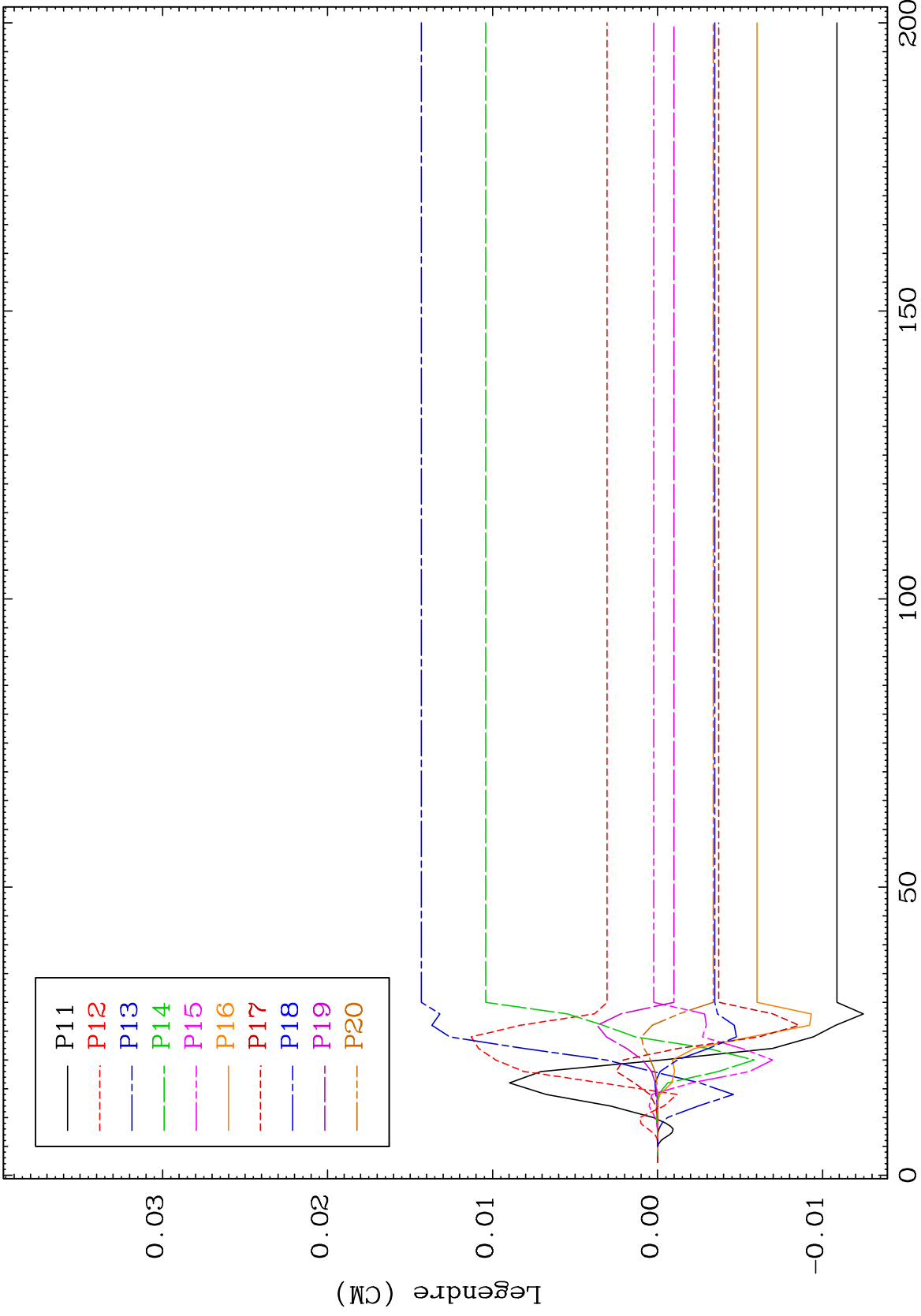
84-Po-203



MAT 8416

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

84-Po-203



61

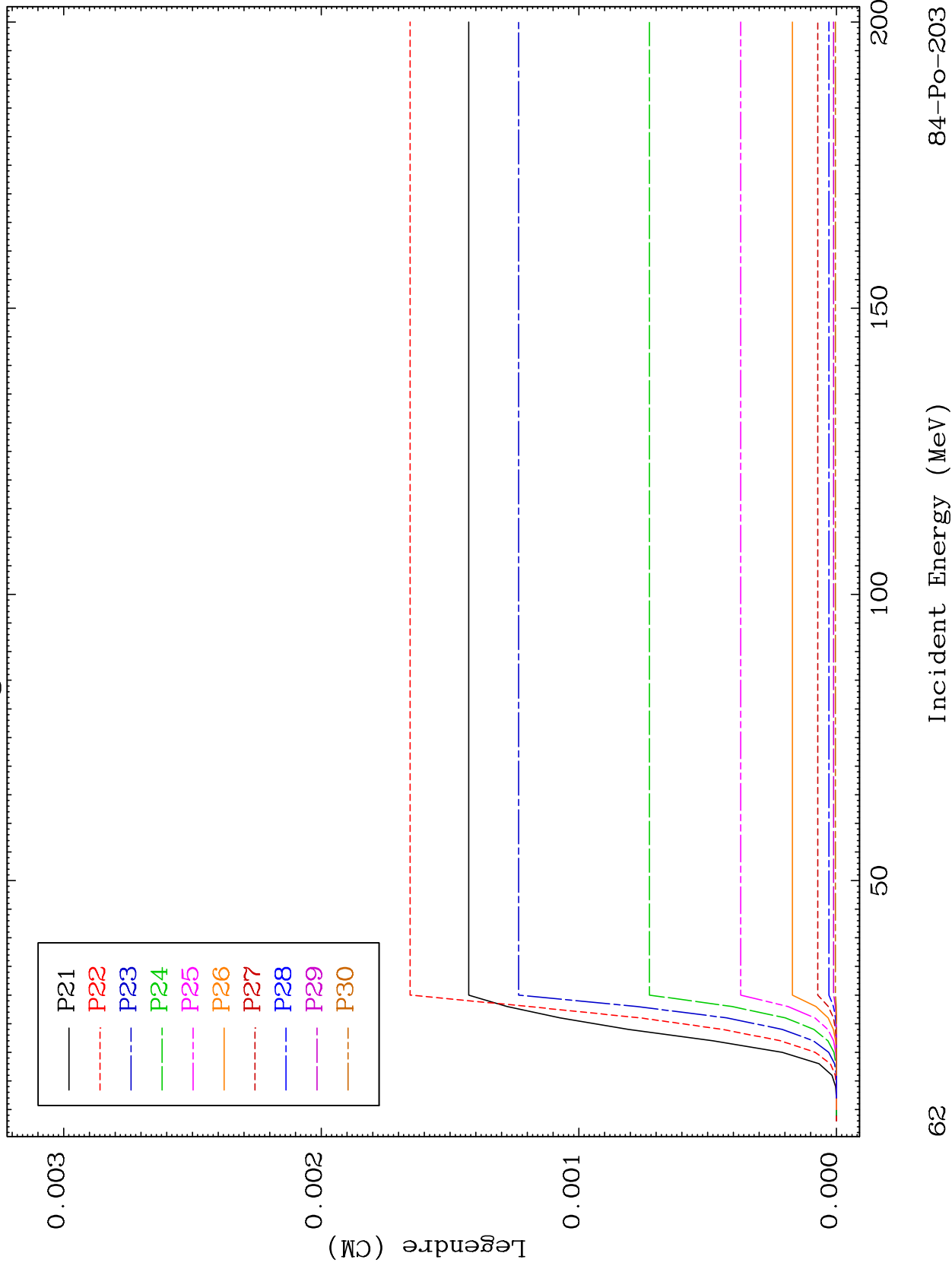
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



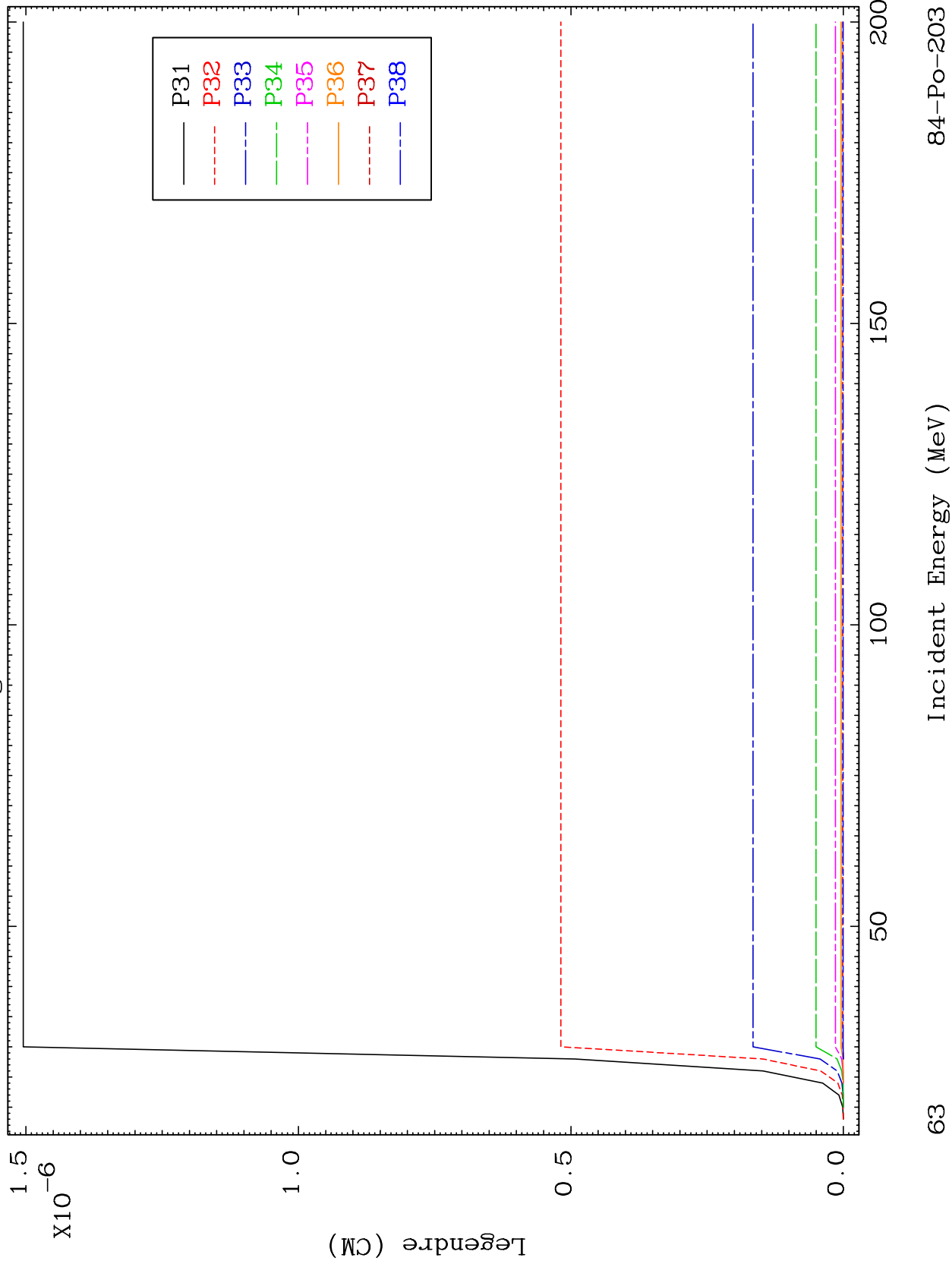
62

200

MAT 8416

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

84-Po-203

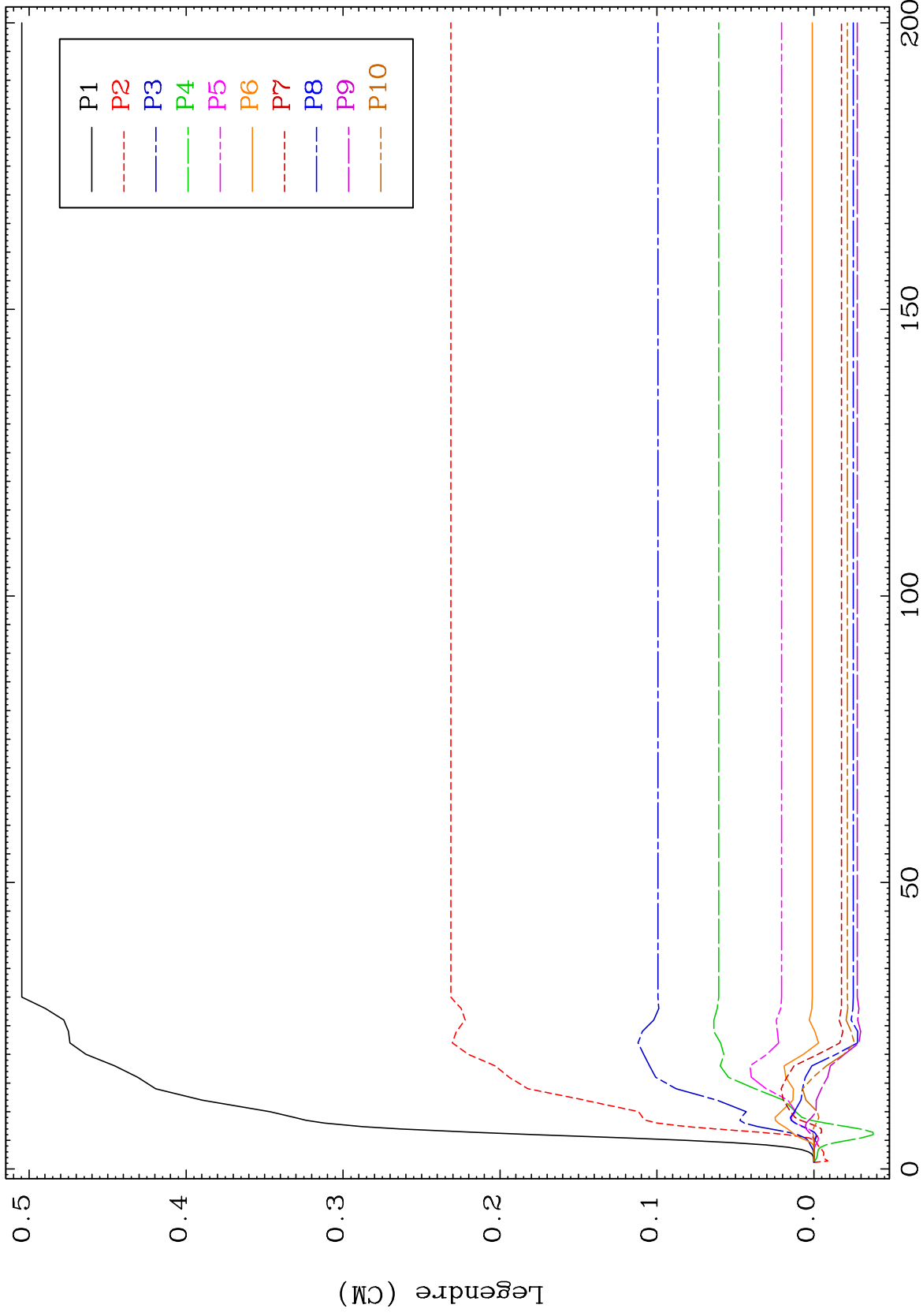


MAT 8416

MT= 62 (n,n') Level

84-Po-203

Legendre Coefficients



64

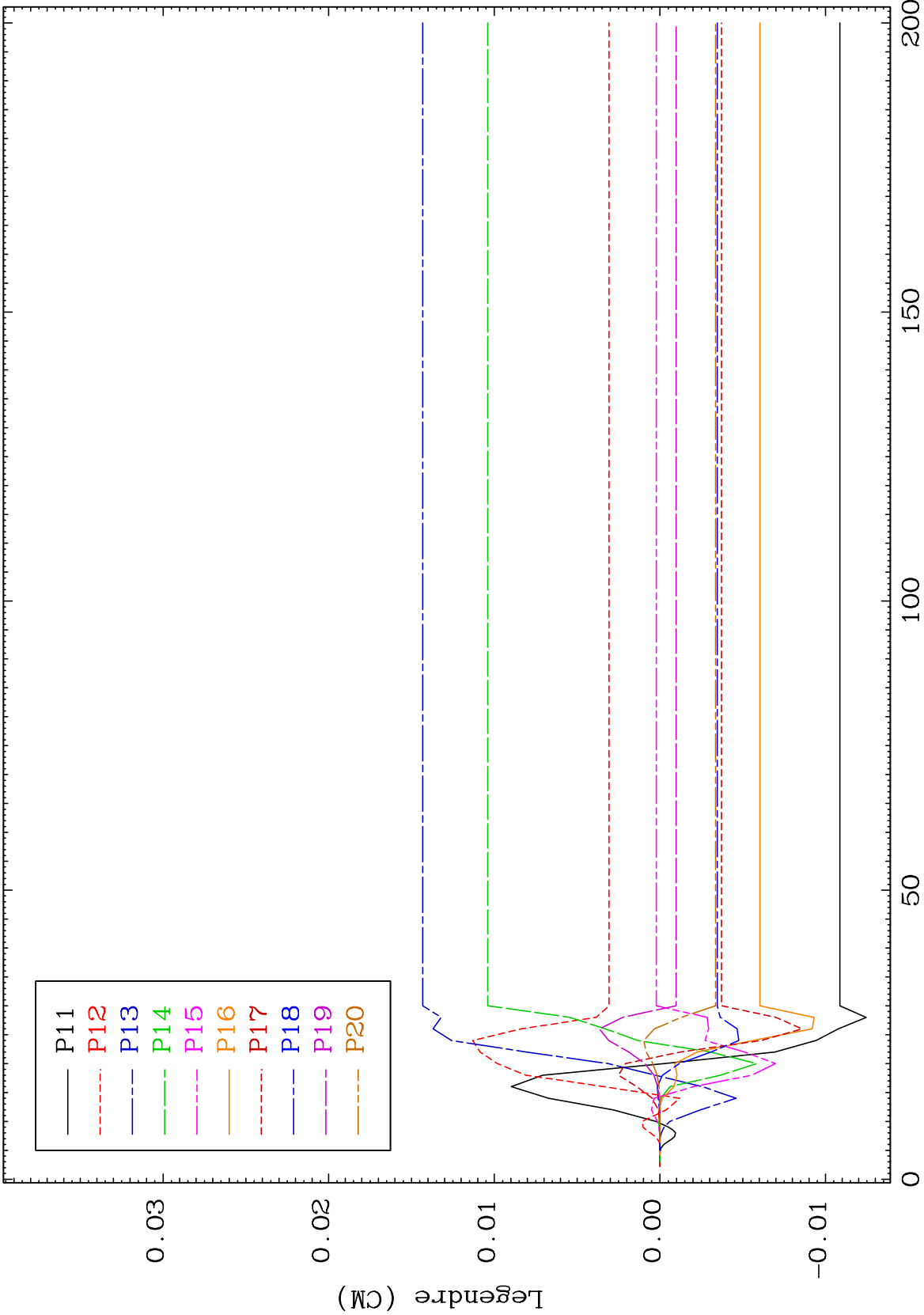
Incident Energy (MeV)

84-Po-203

MAT 8416

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

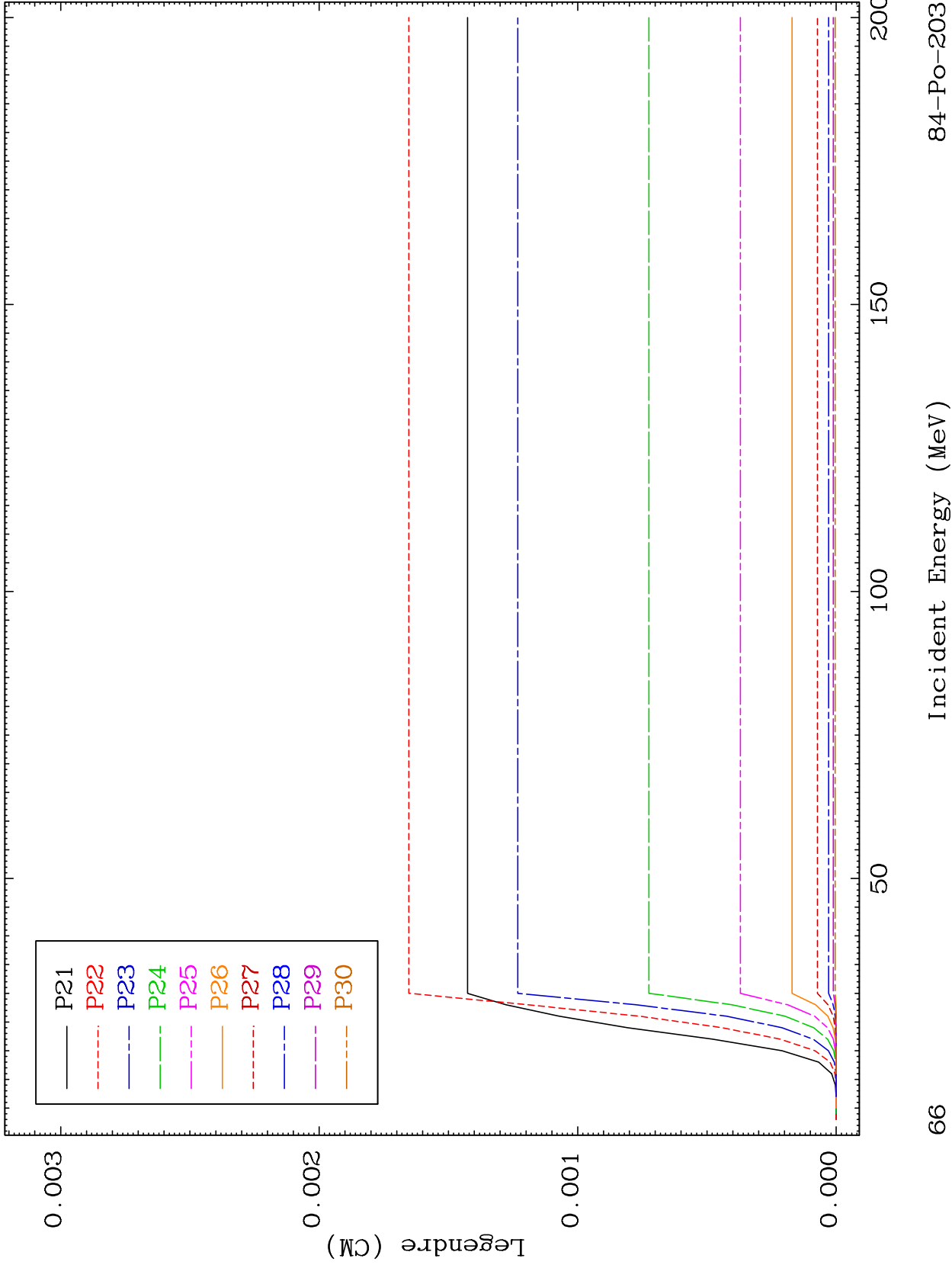
84-Po-203



65

Incident Energy (MeV)

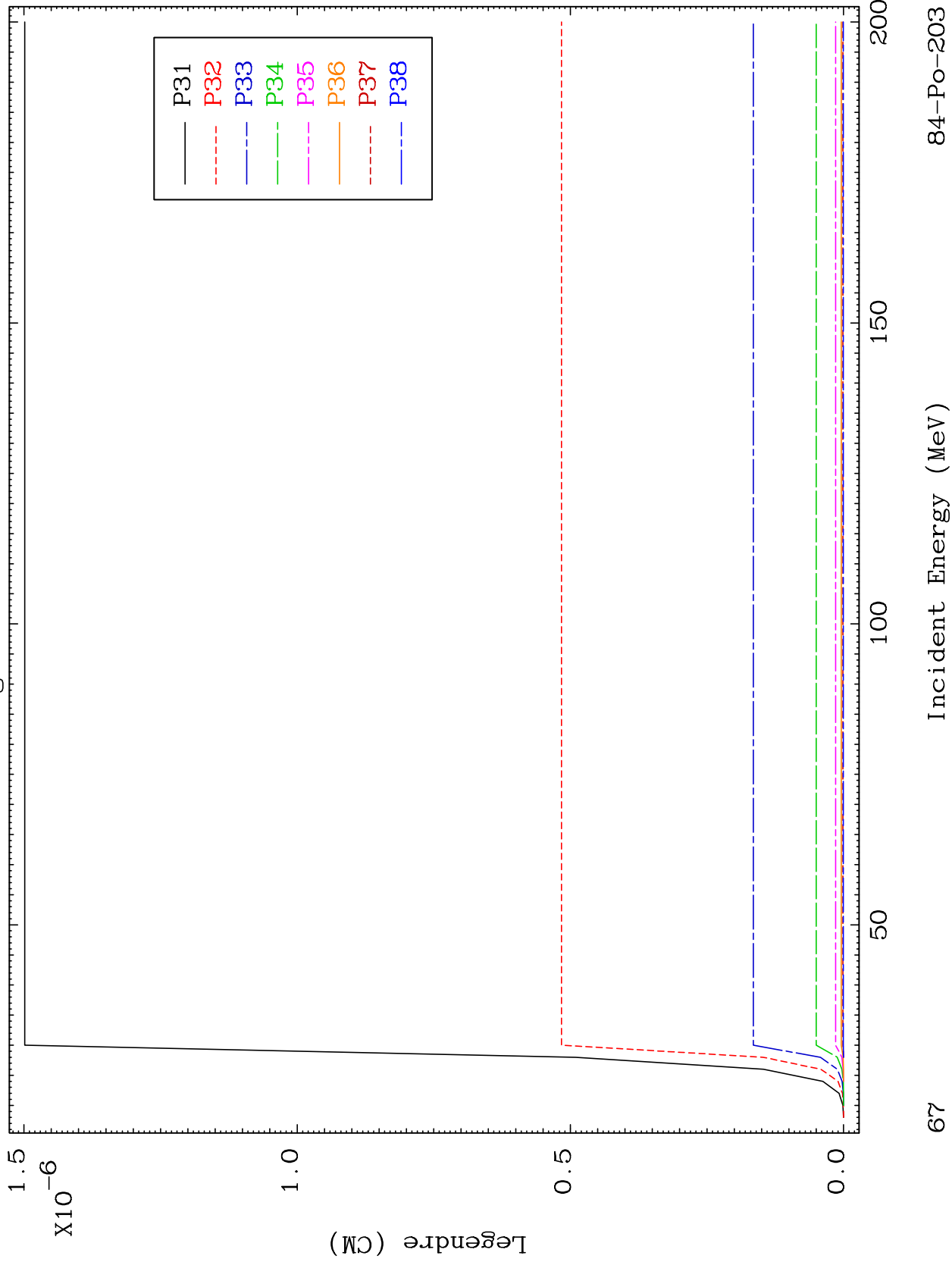
84-Po-203



MAT 8416

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

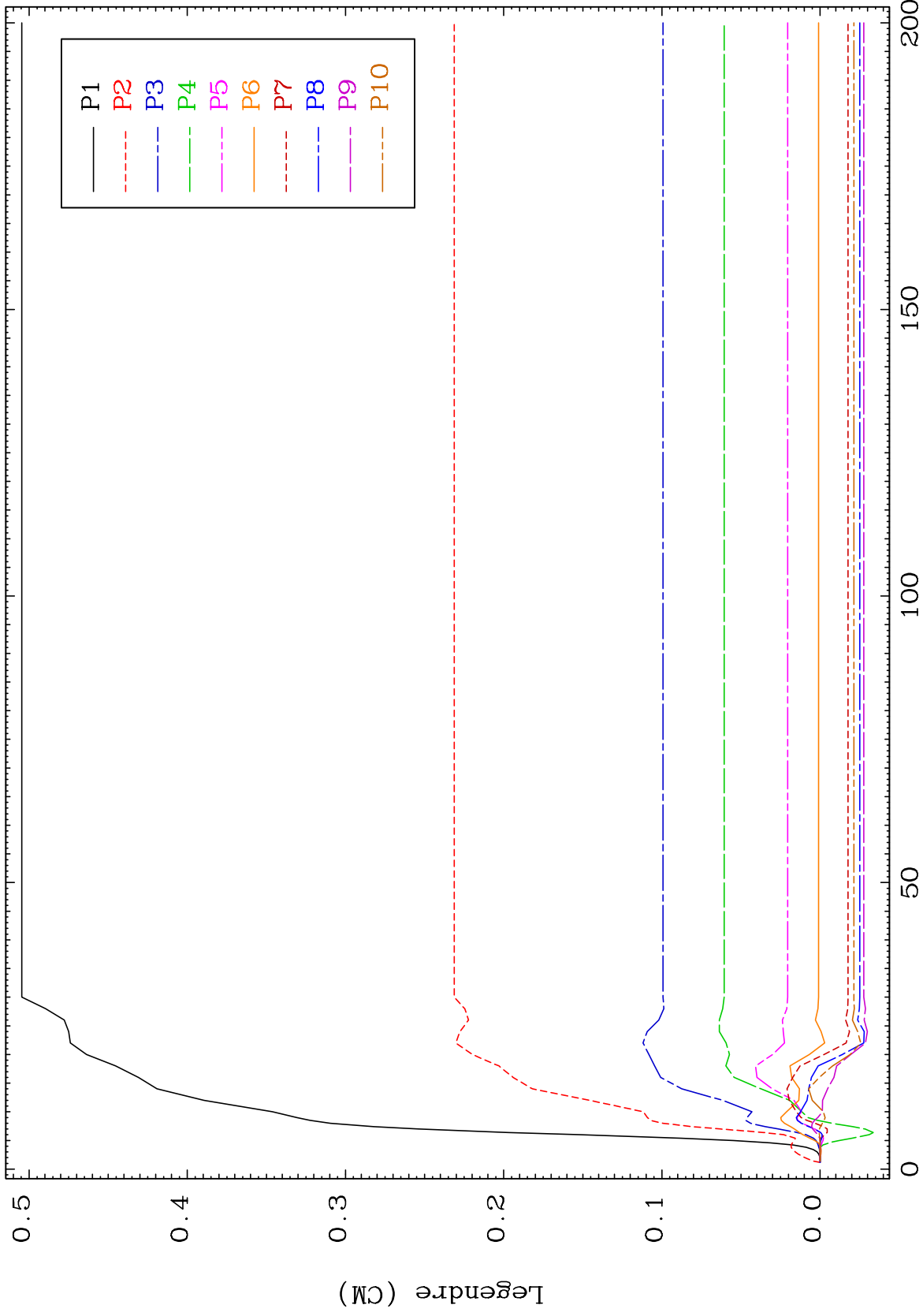
84-Po-203



MAT 8416

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

84-Po-203



68

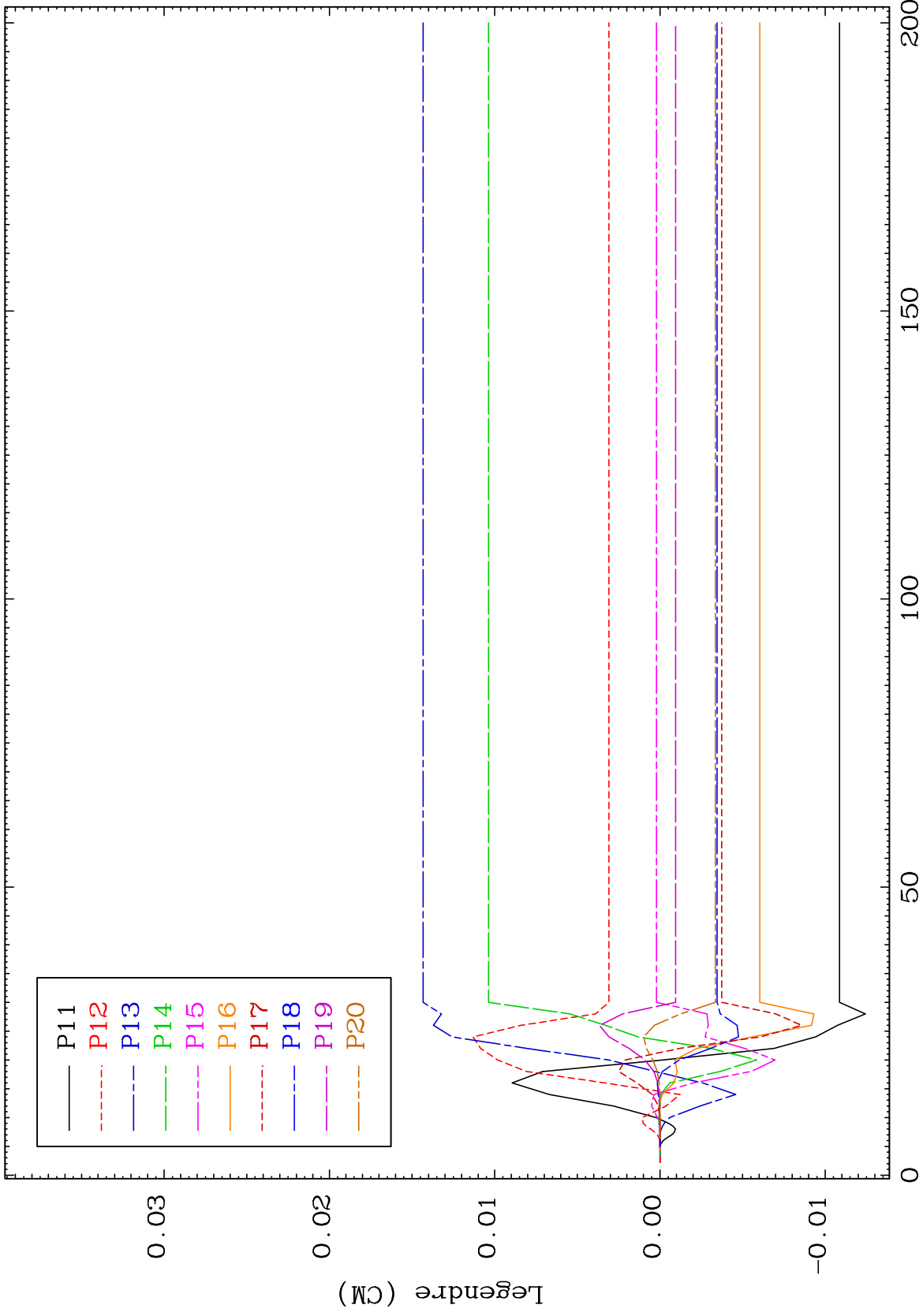
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



69

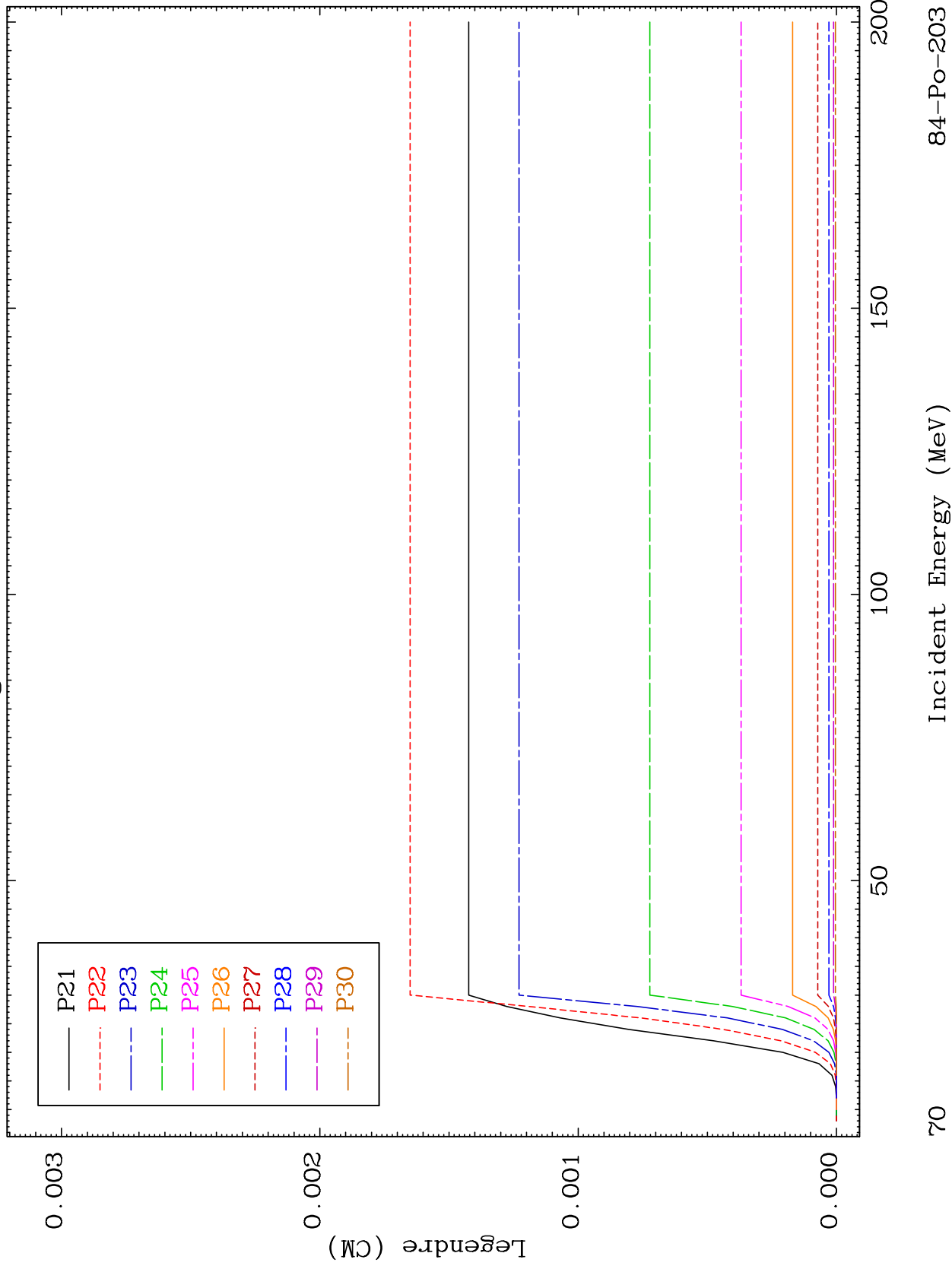
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



70

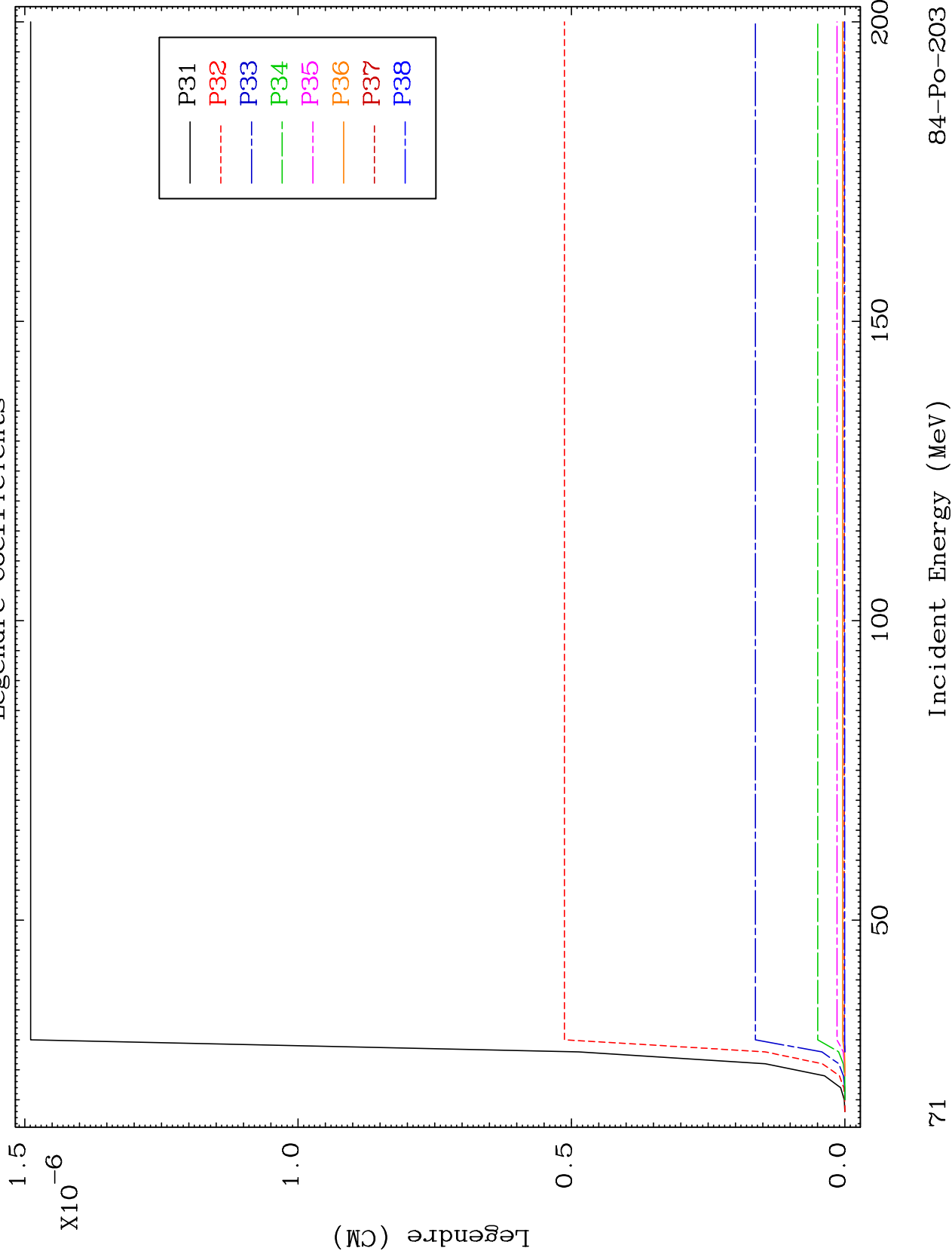
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



71

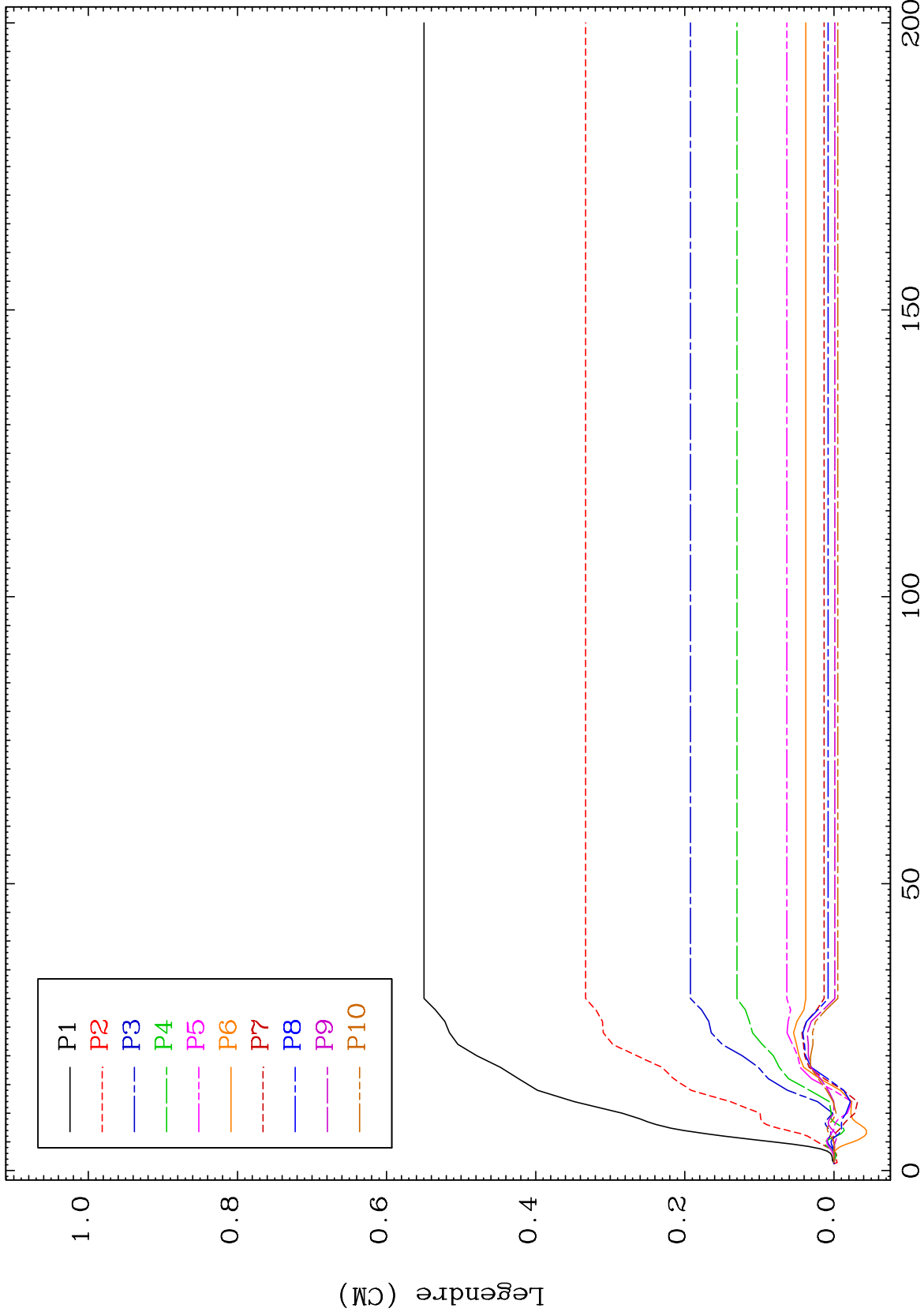
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



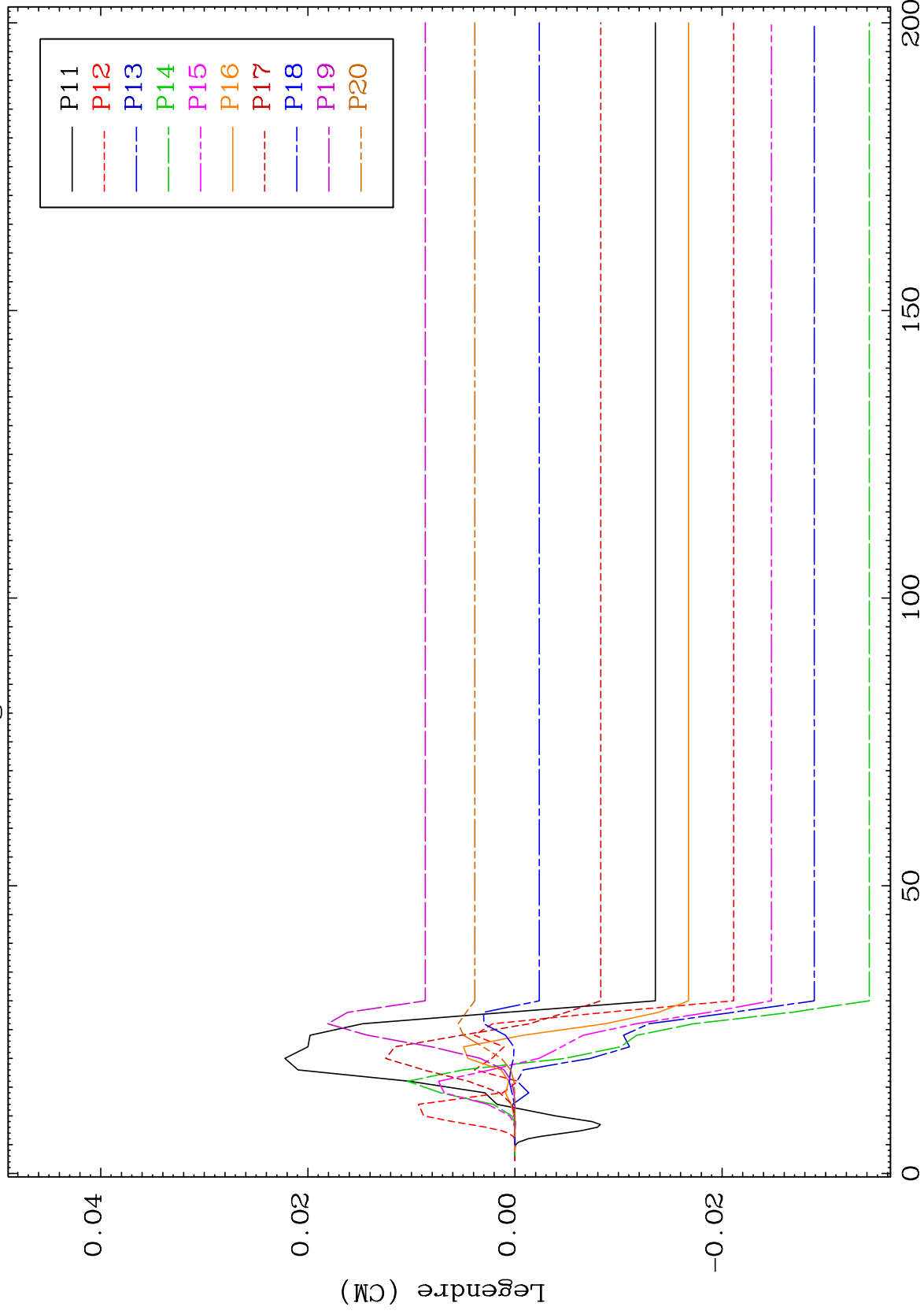
72

84-Po-203

MAT 8416

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

84-Po-203



73

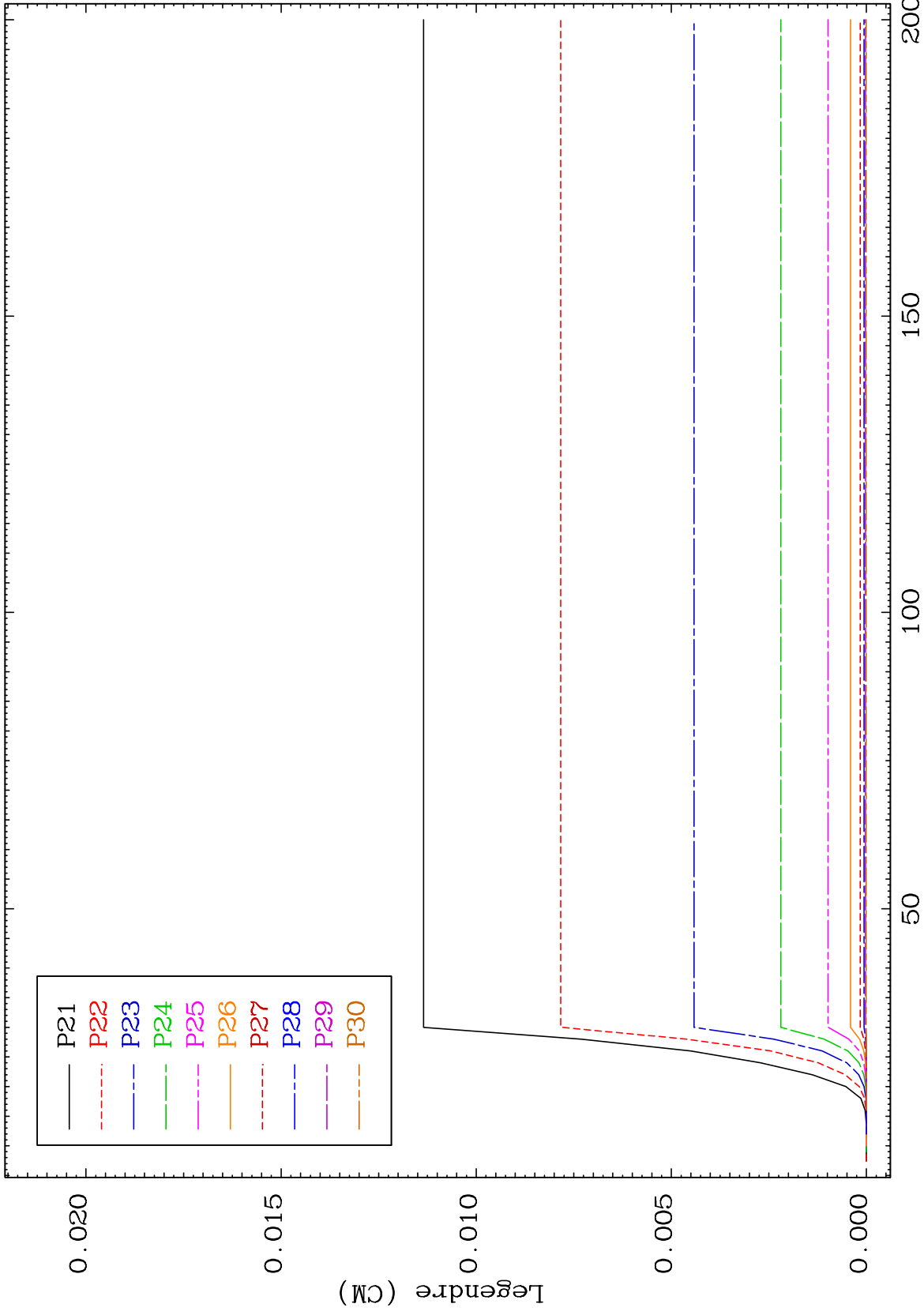
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



74

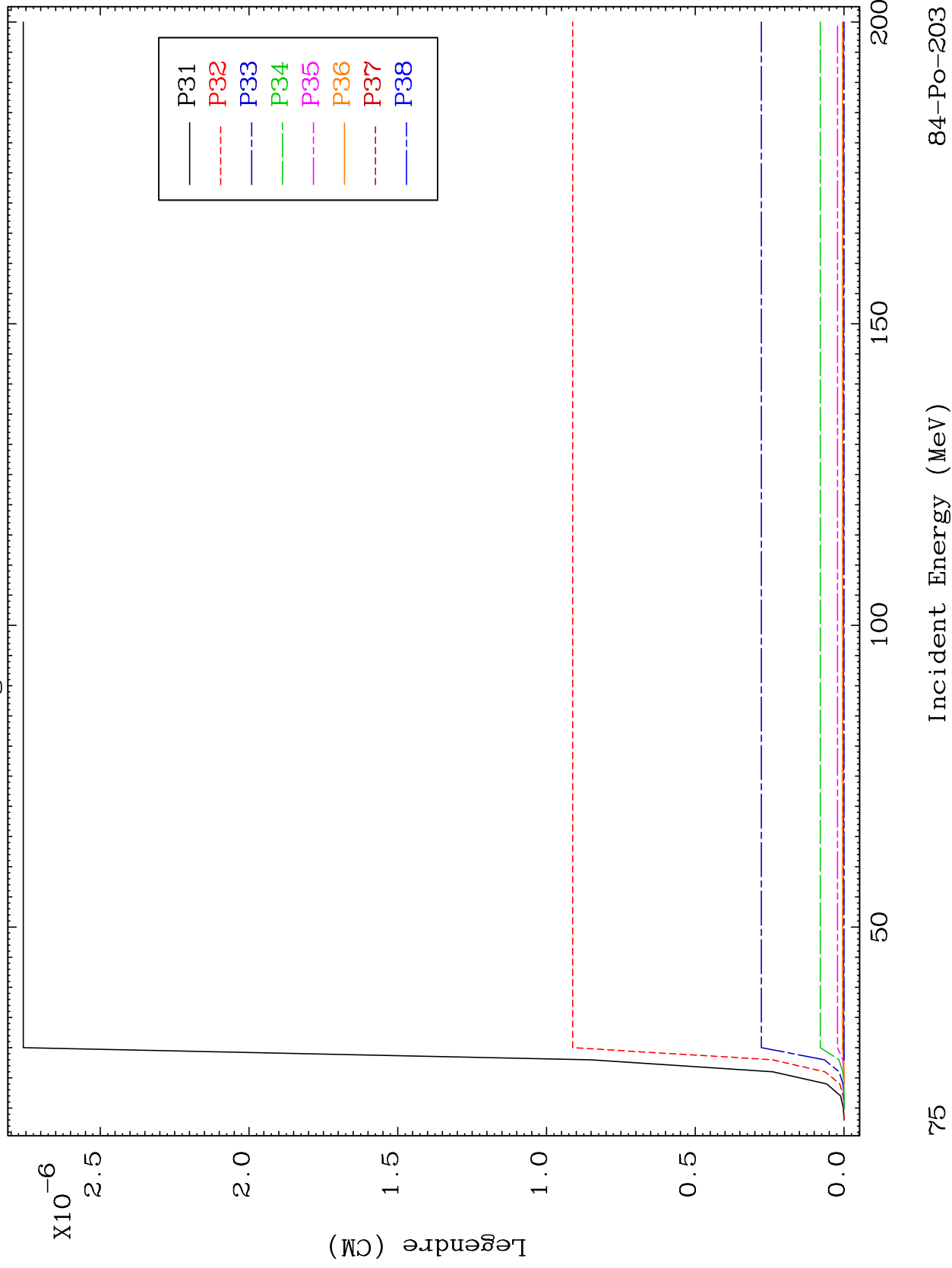
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



75

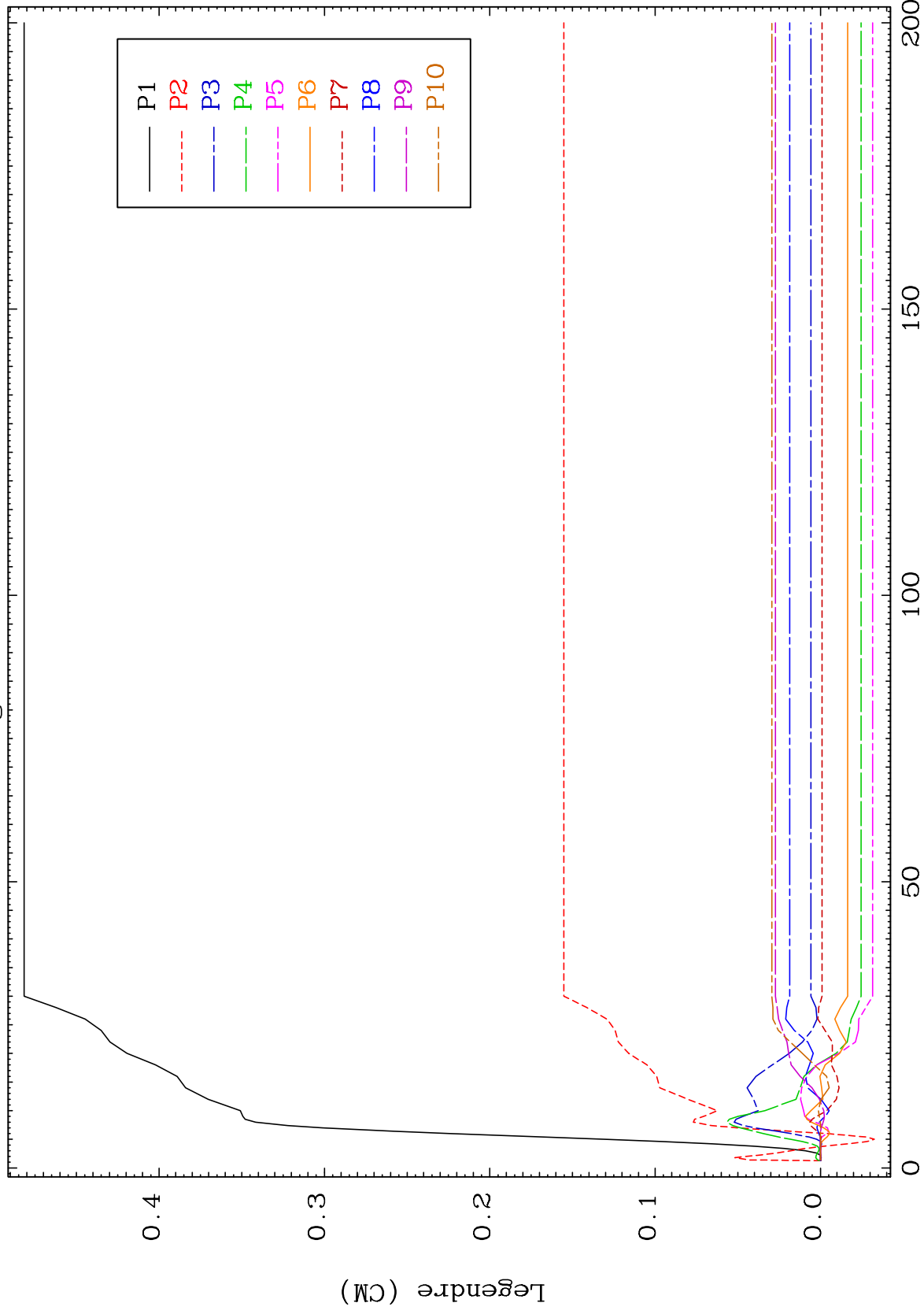
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



76

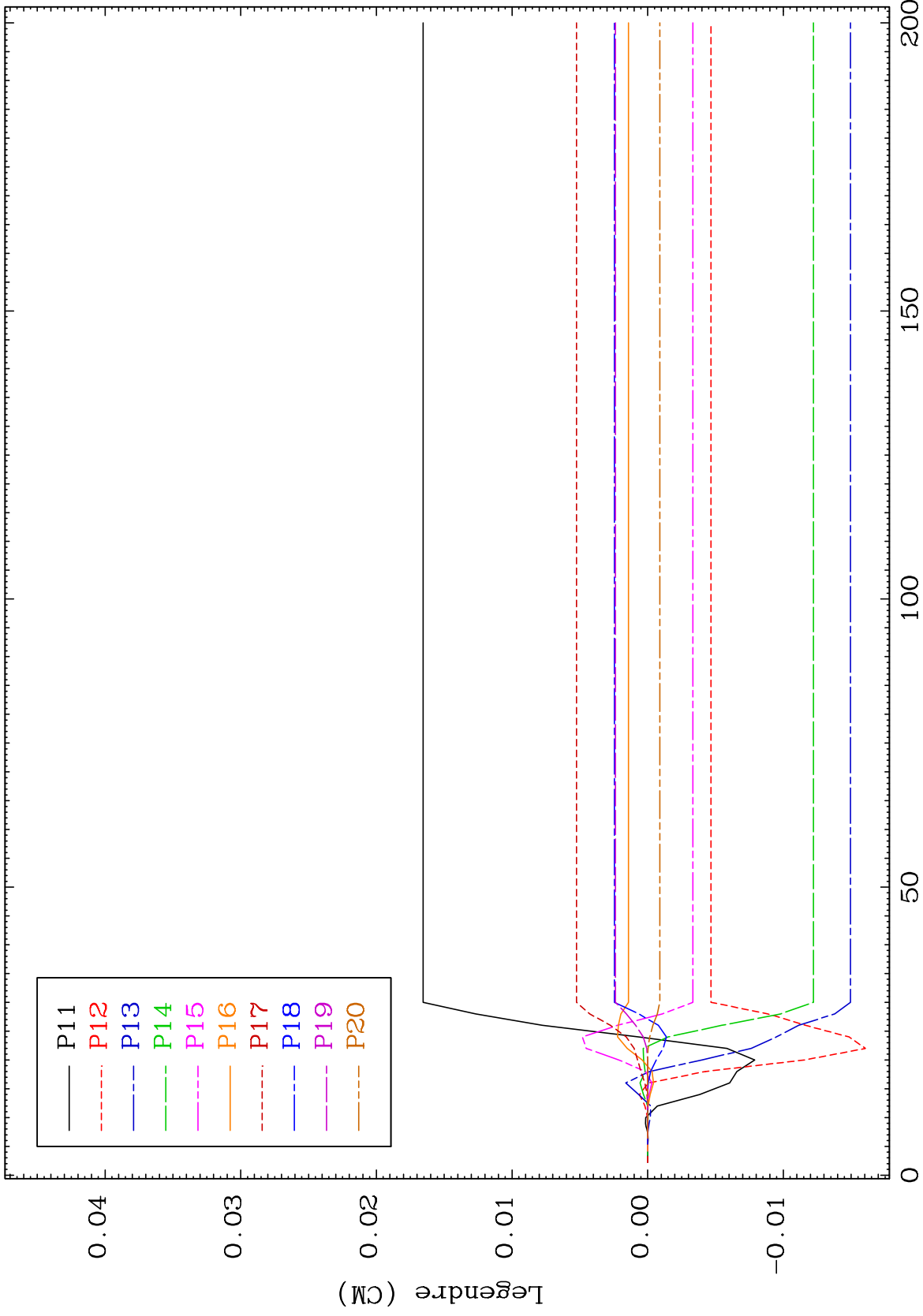
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



77

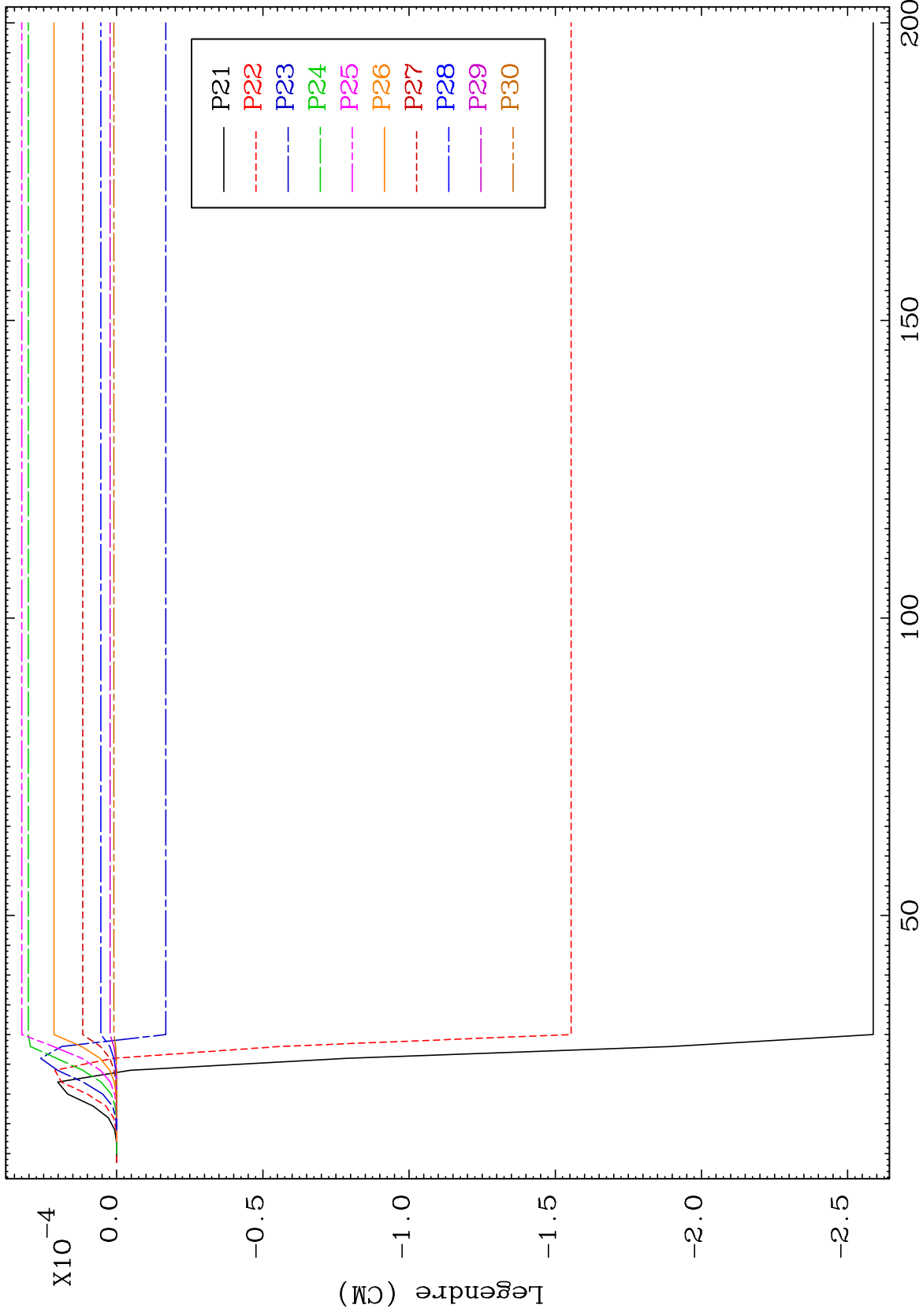
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



78

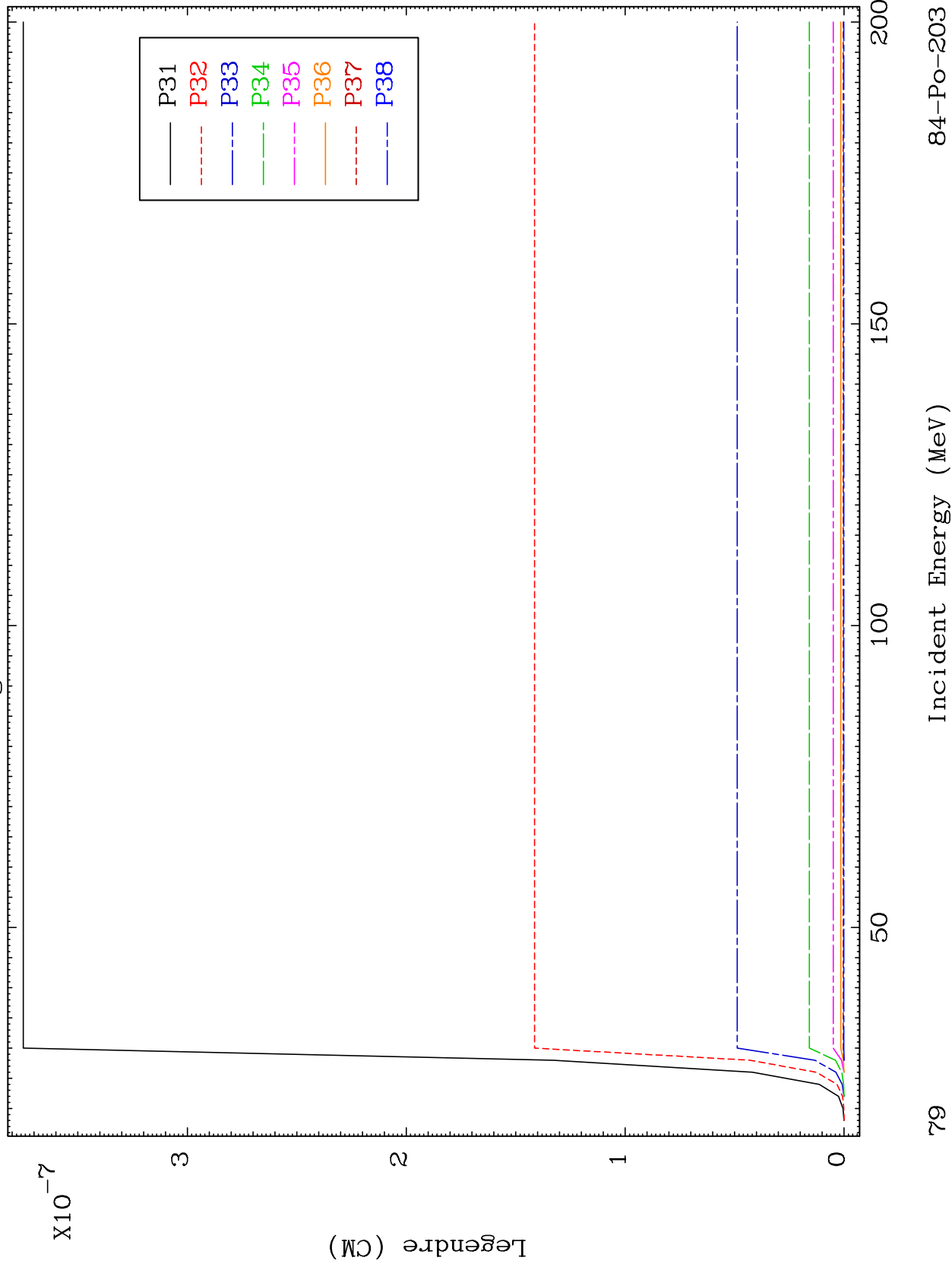
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



79

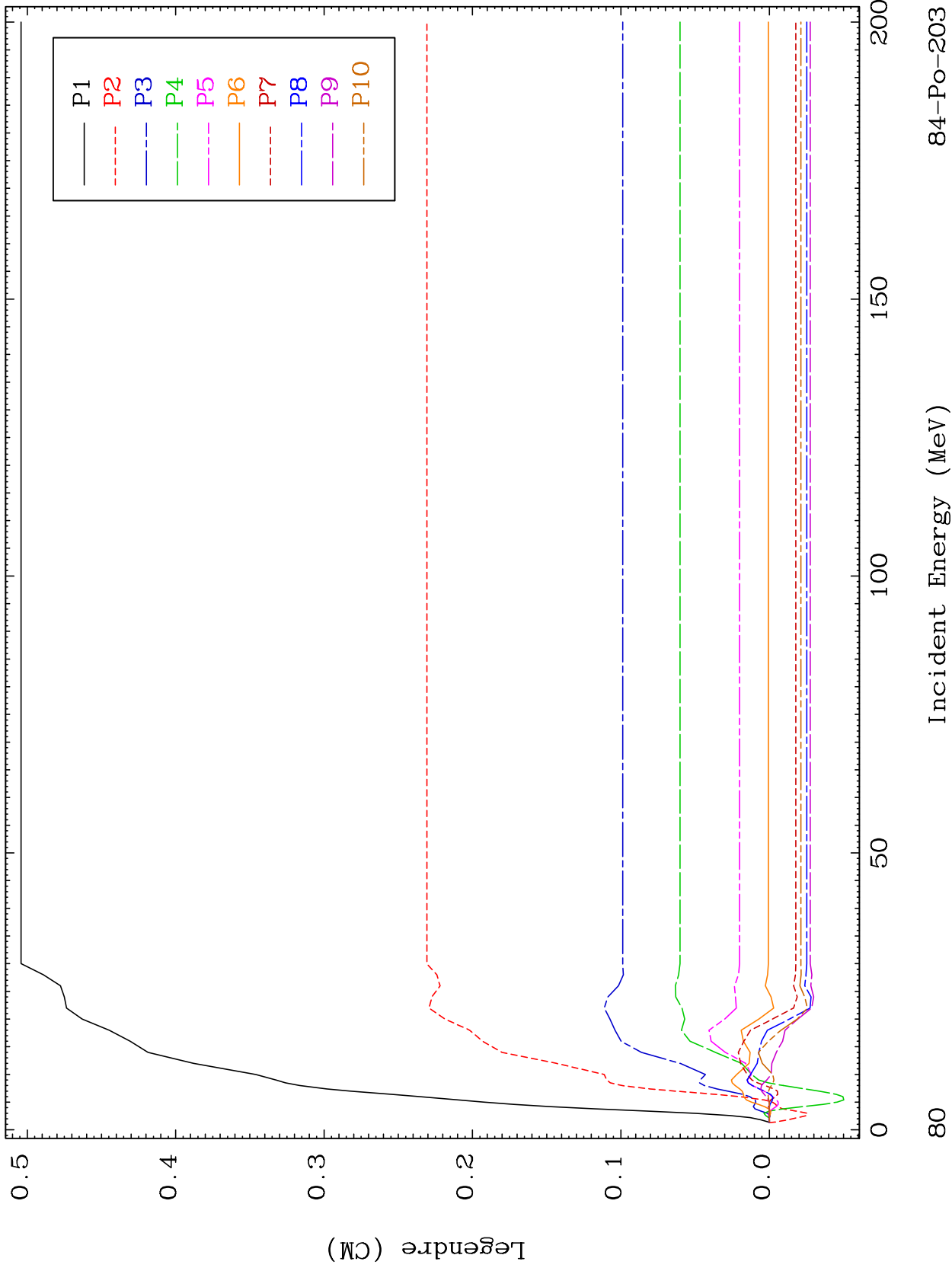
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203

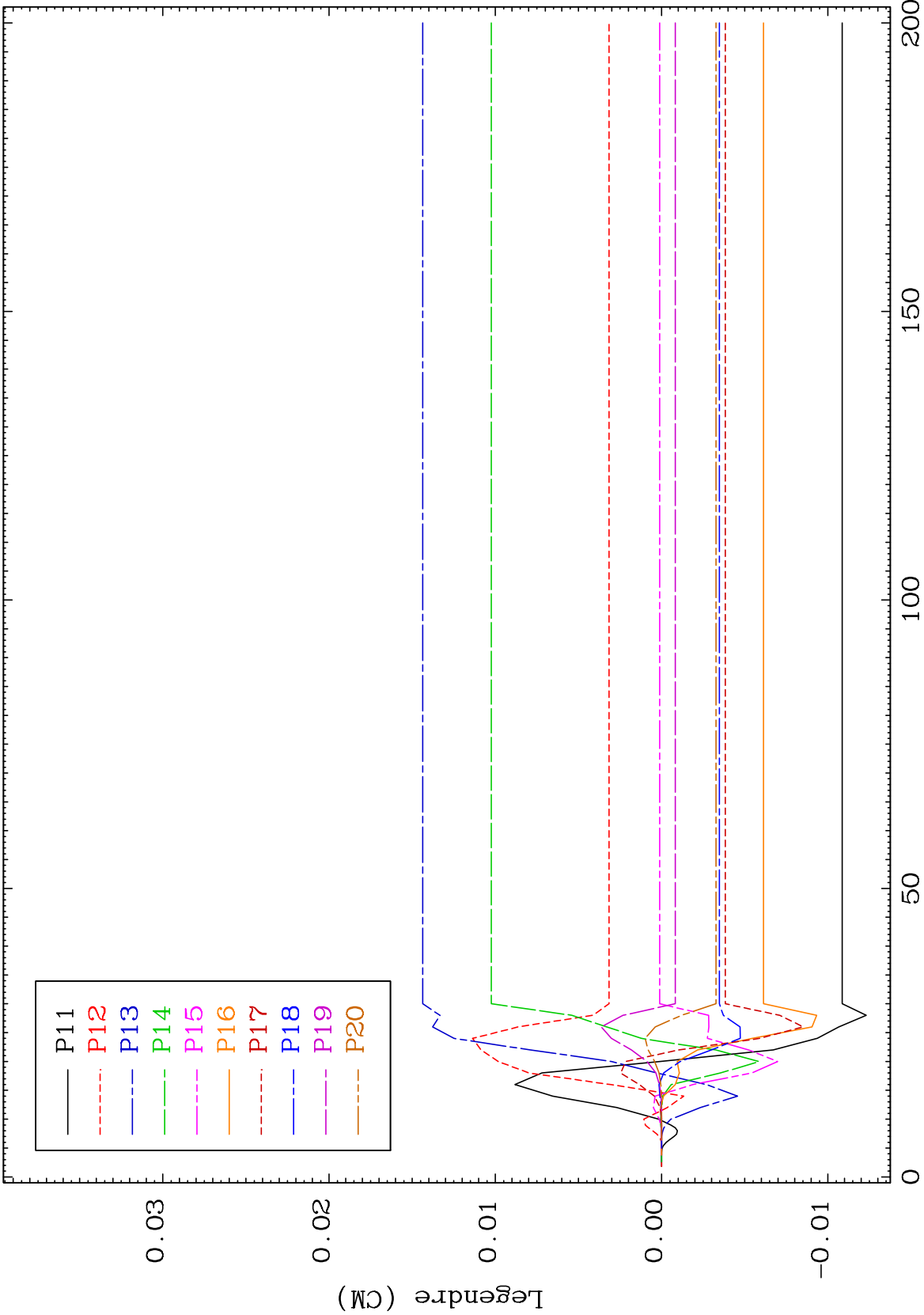


84-Po-203

MAT 8416

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

84-Po-203



81

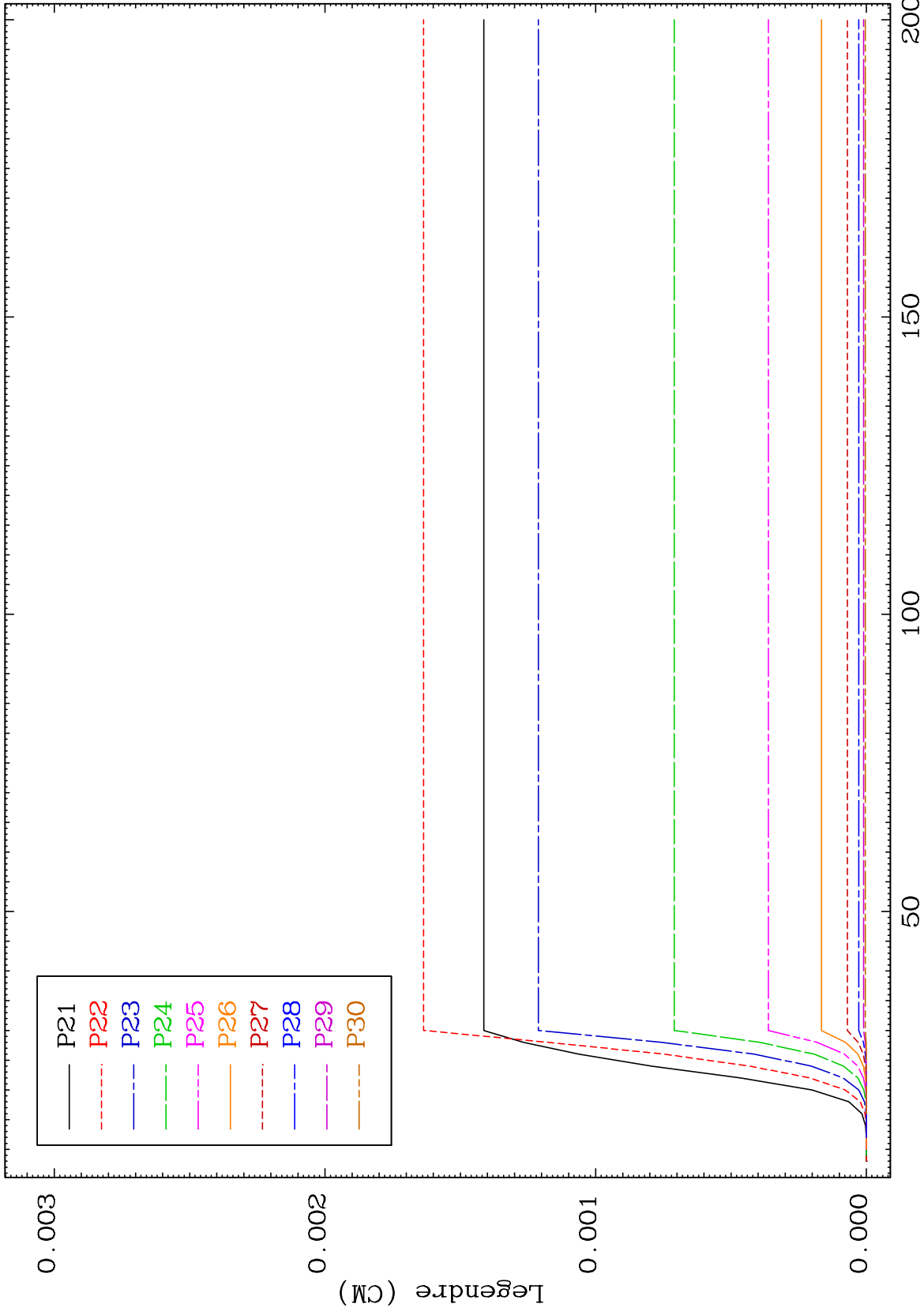
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



82

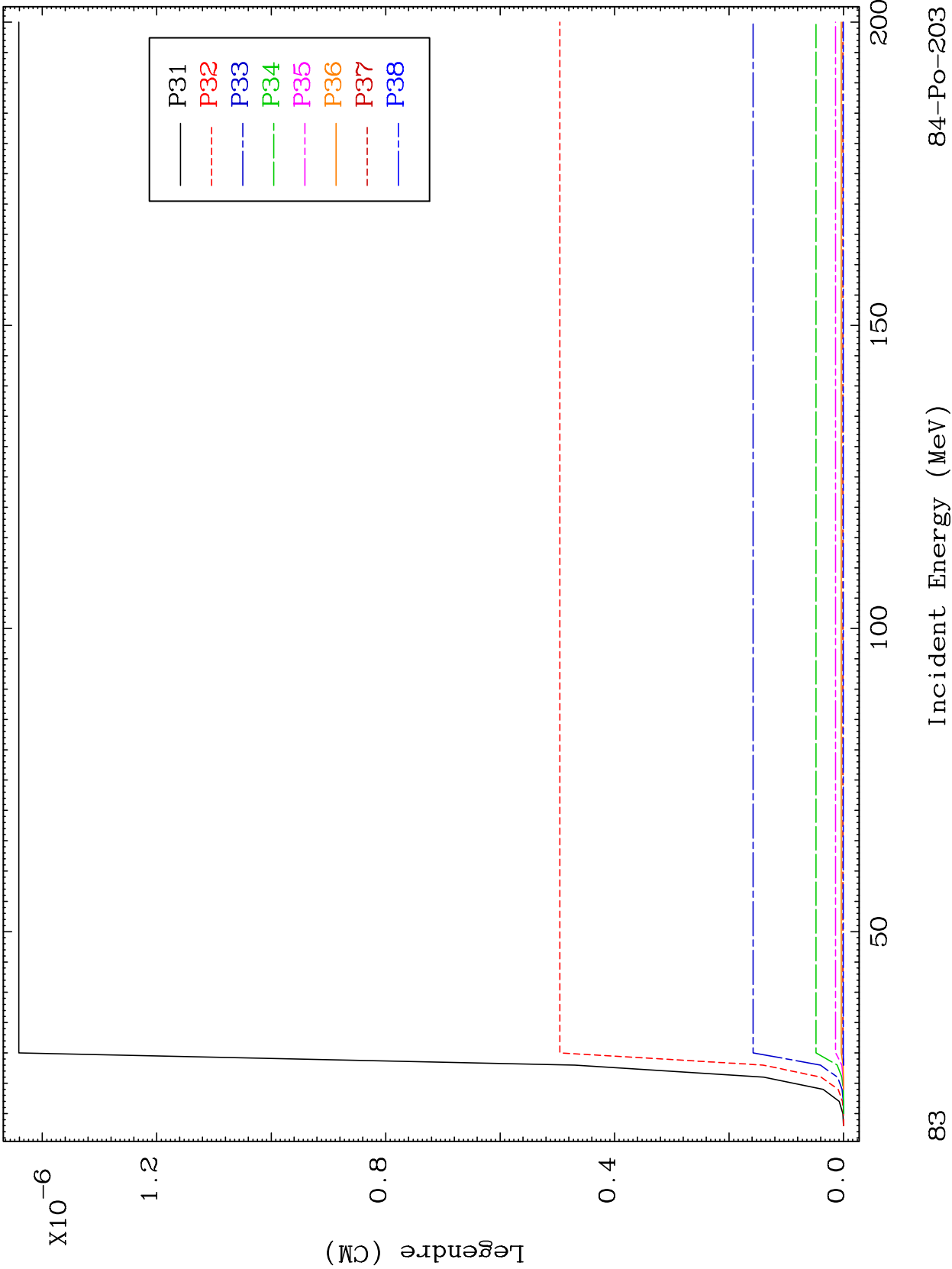
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203

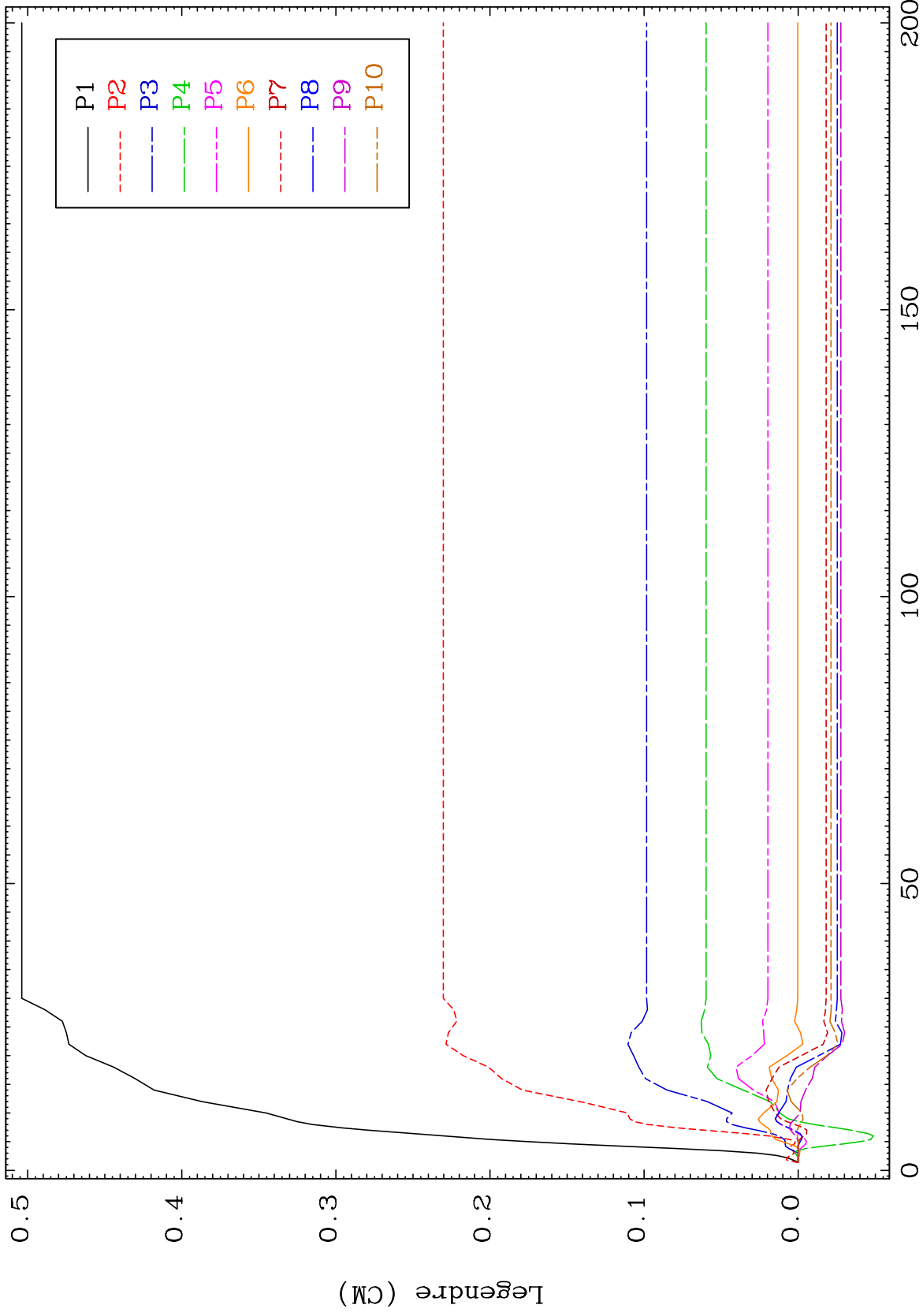


MAT 8416

MT= 67 (n,n') Level

84-Po-203

Legendre Coefficients



84

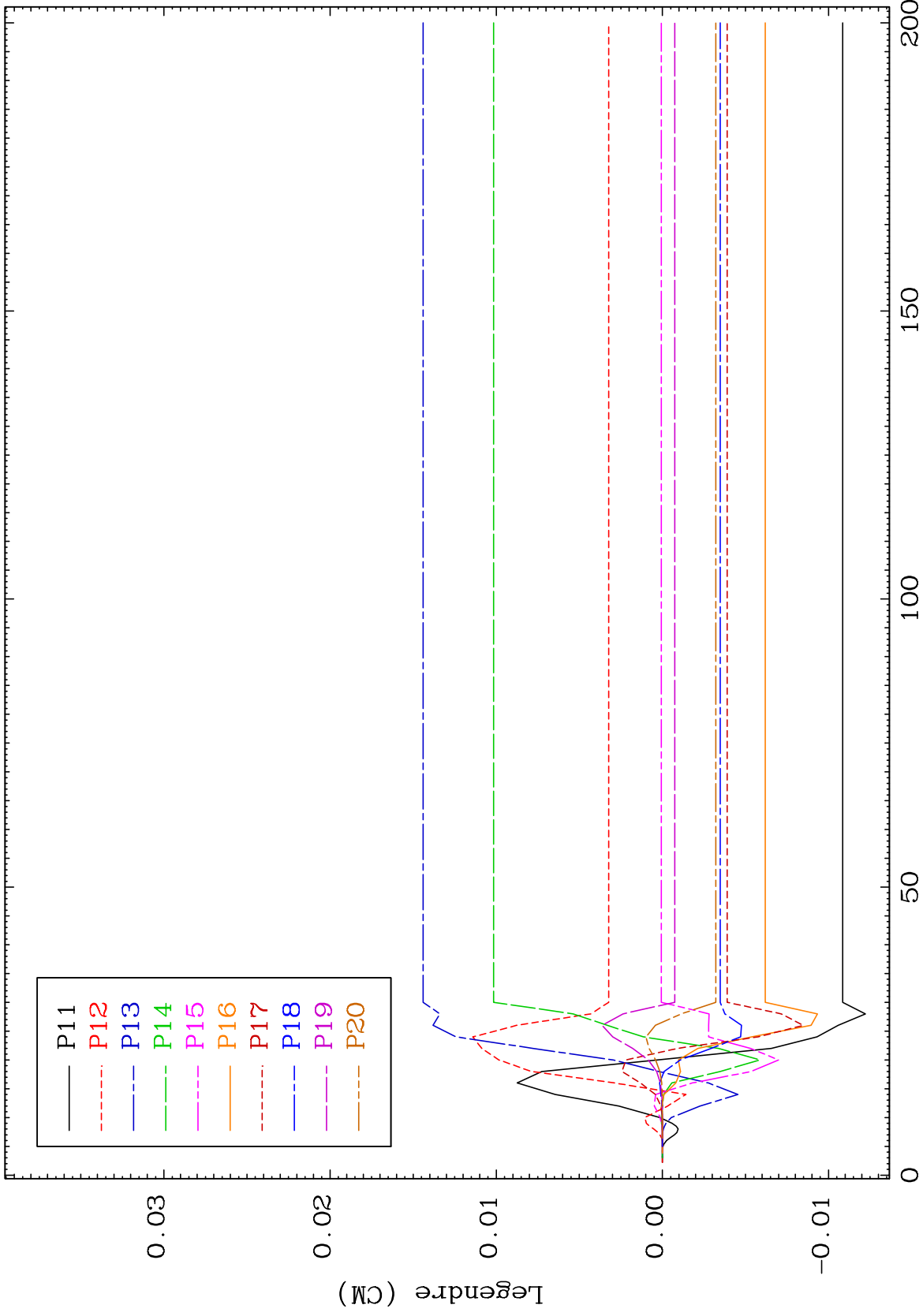
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



85

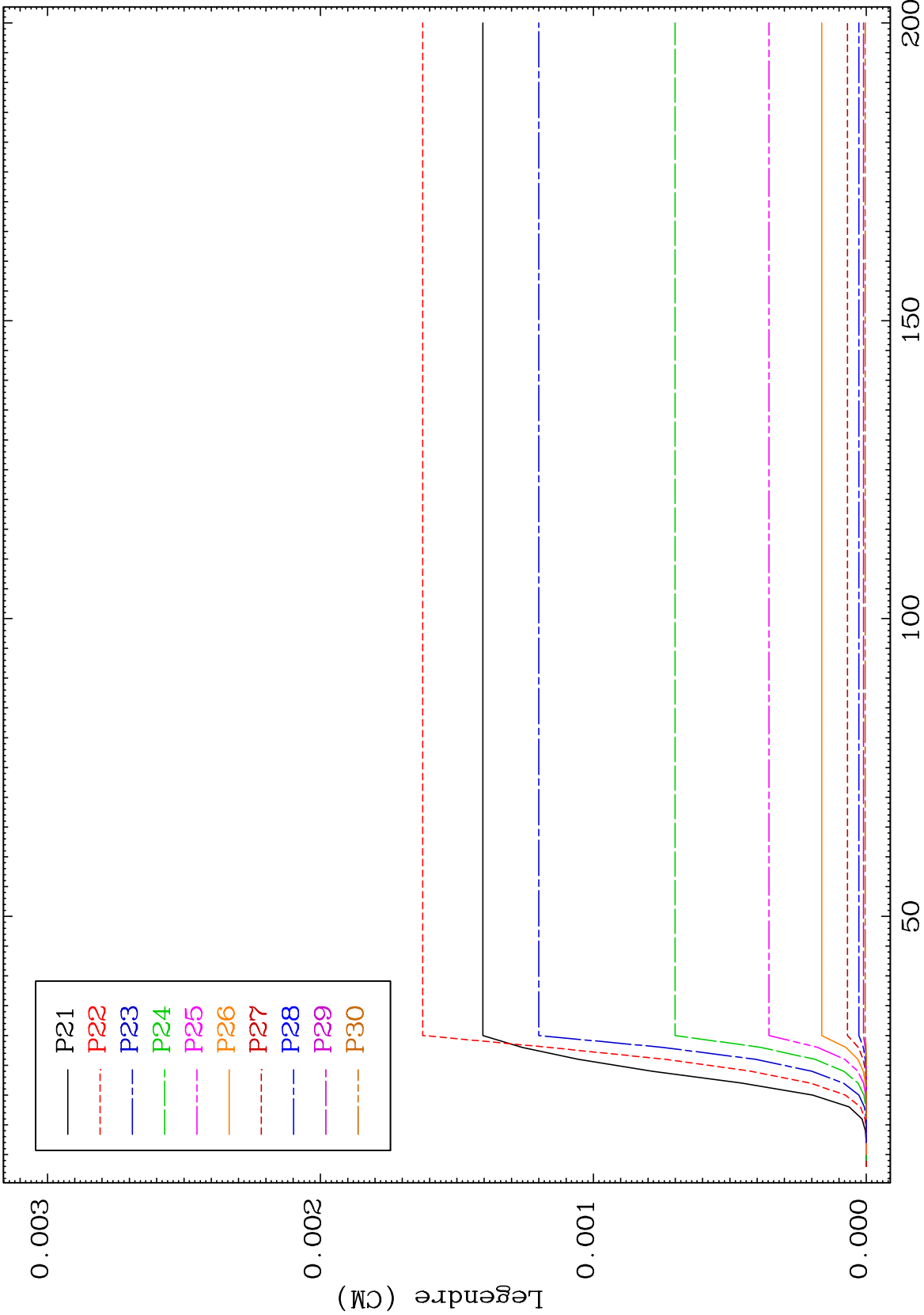
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



86

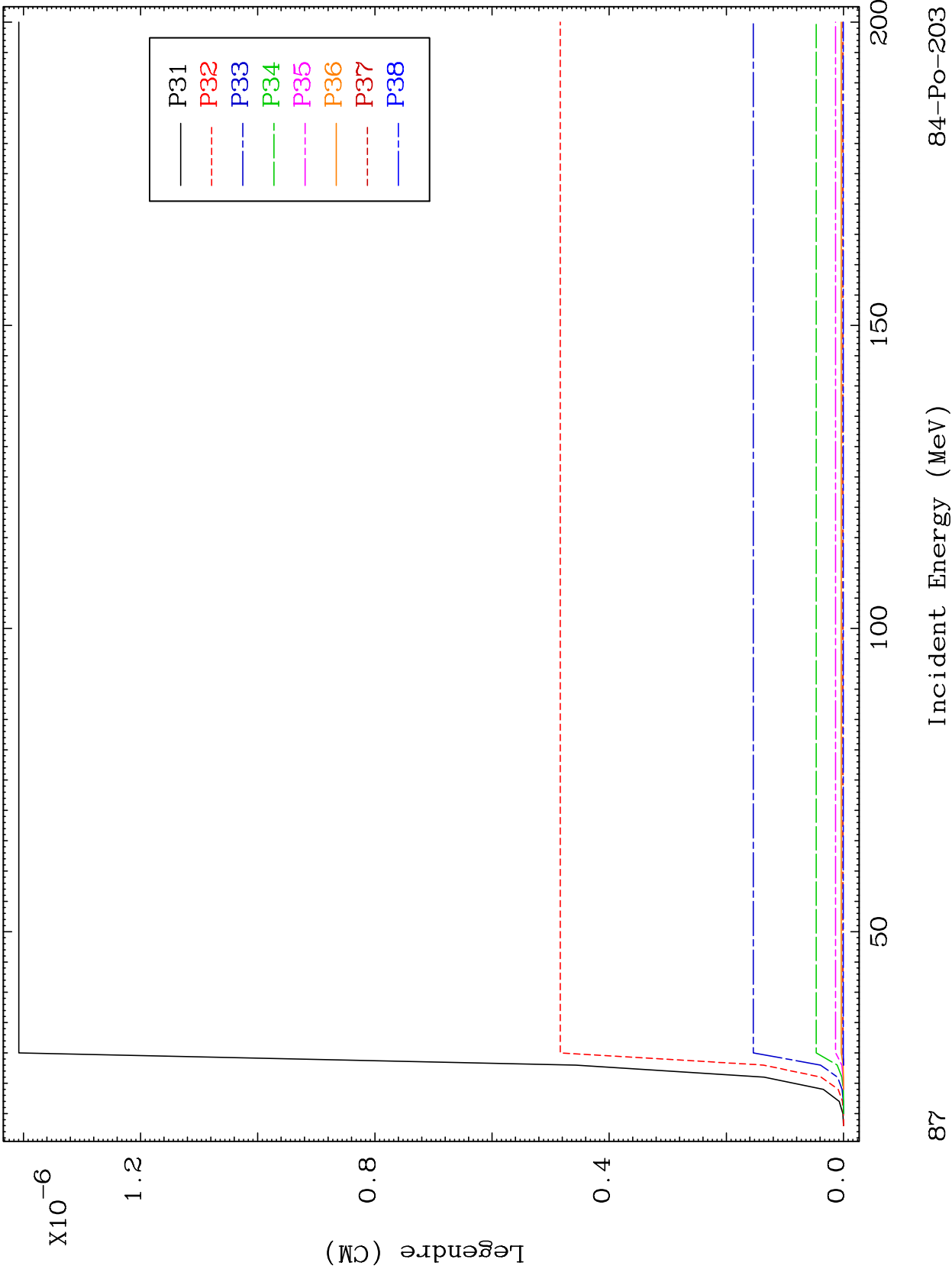
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203

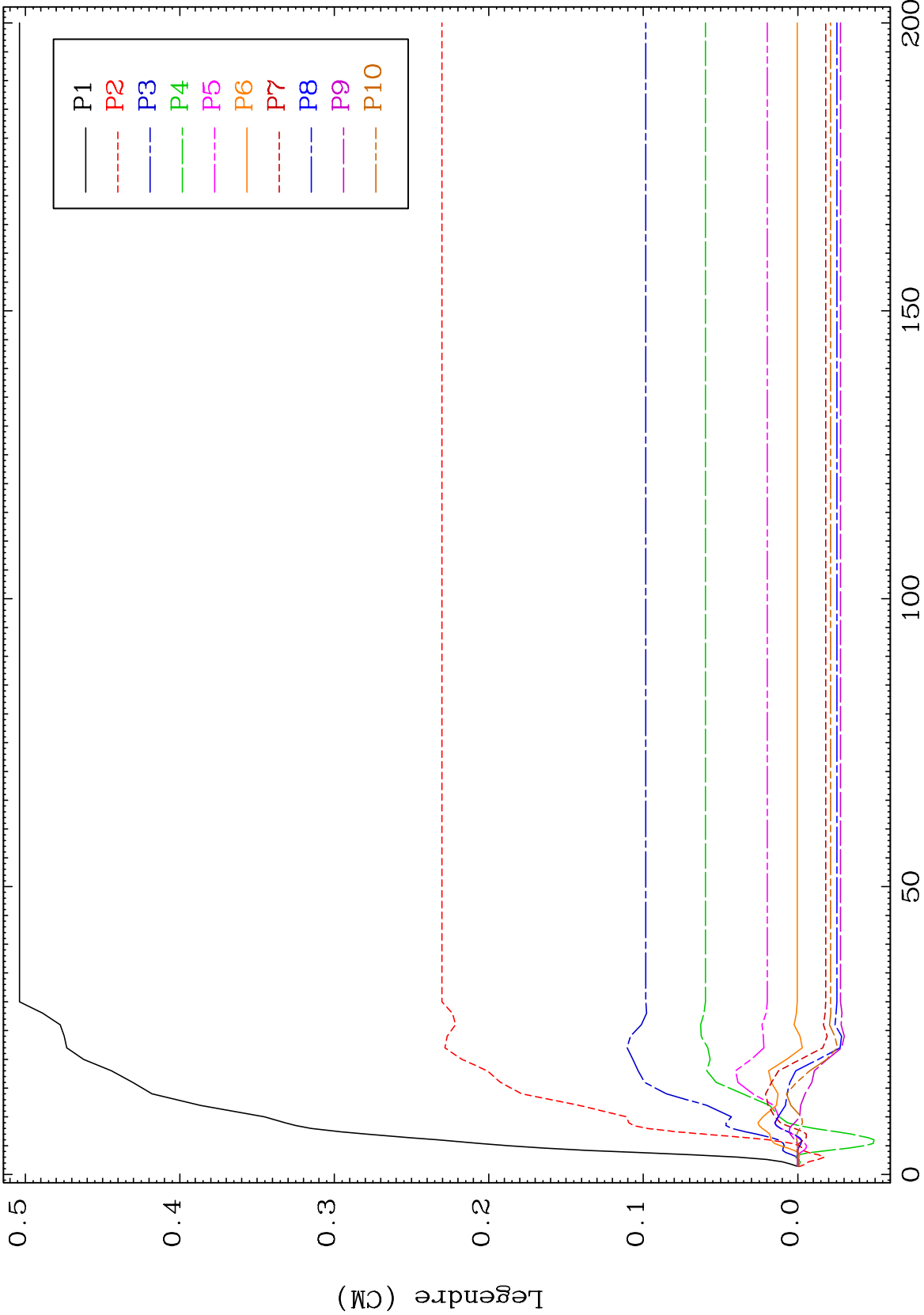


87

MAT 8416

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

84-Po-203



88

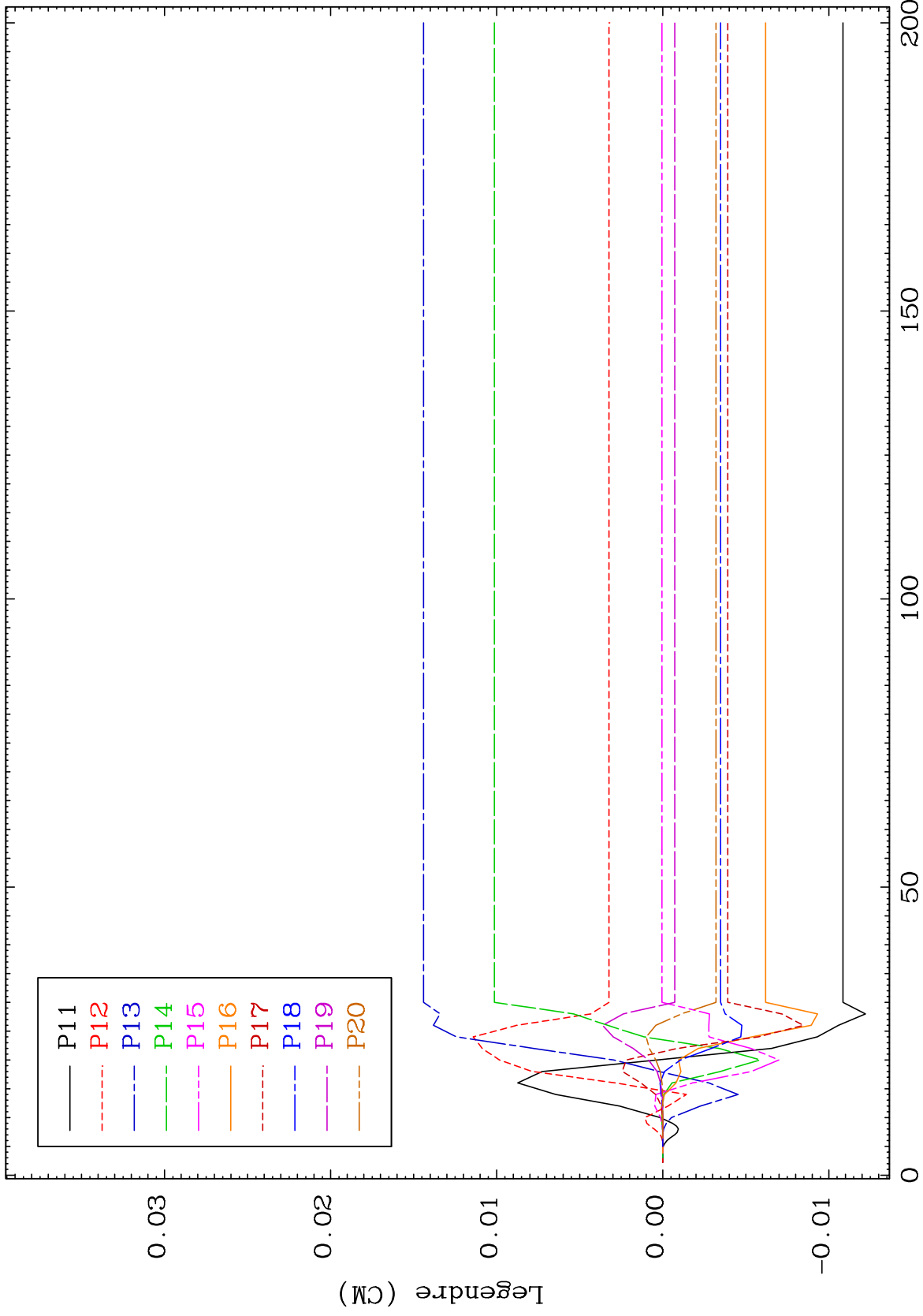
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



89

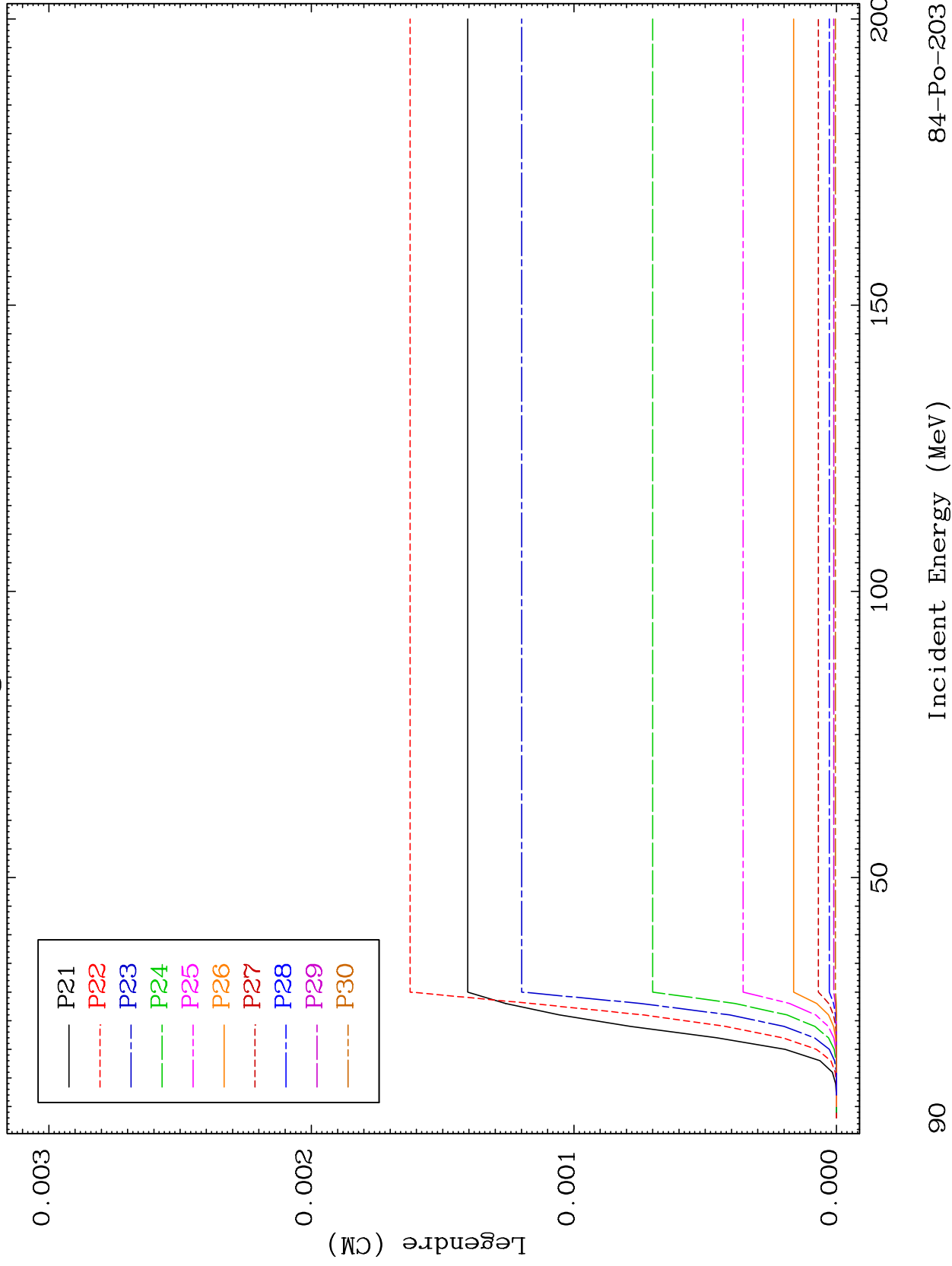
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



84-Po-203

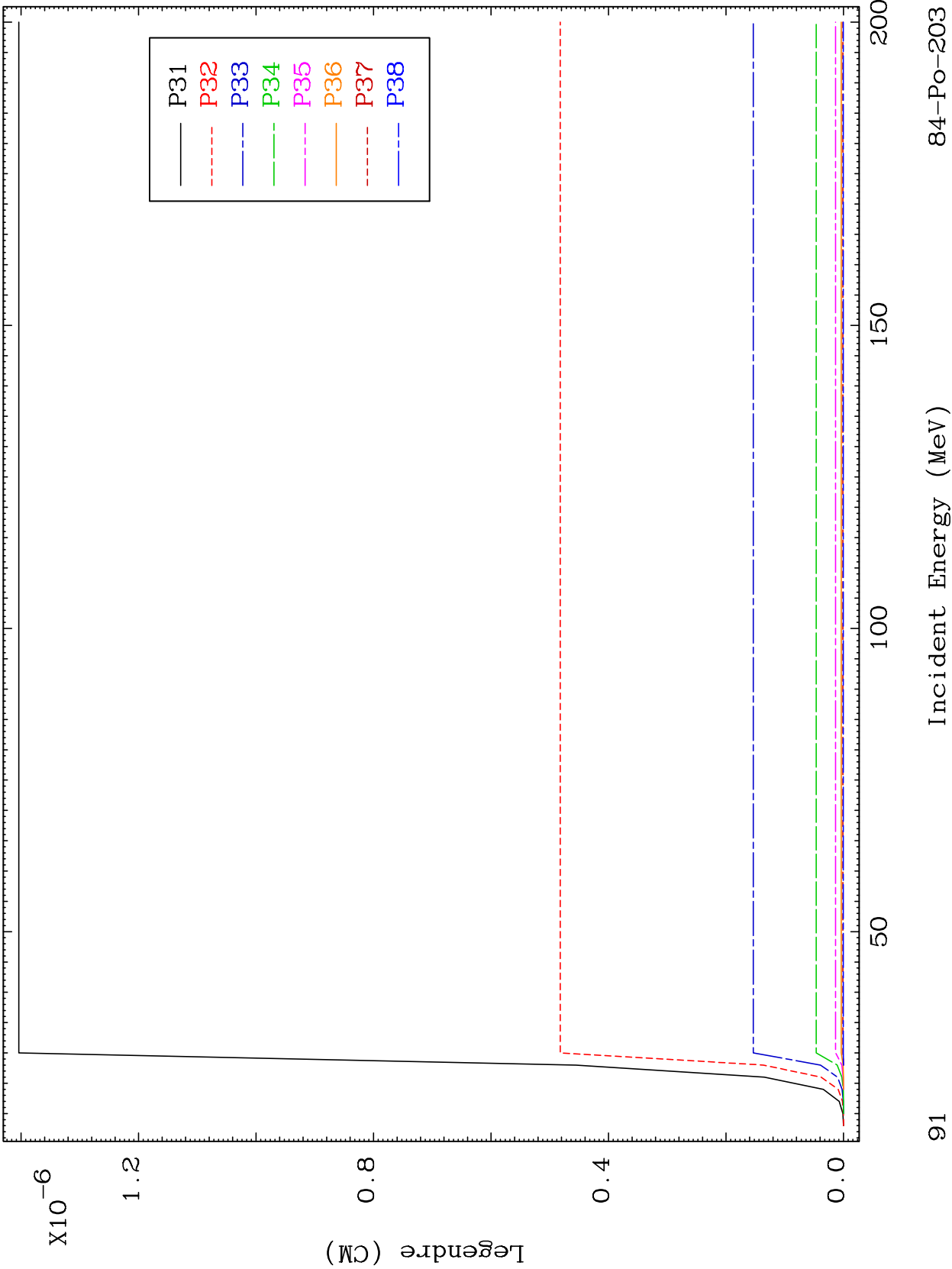
Incident Energy (MeV)

90

MAT 8416

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

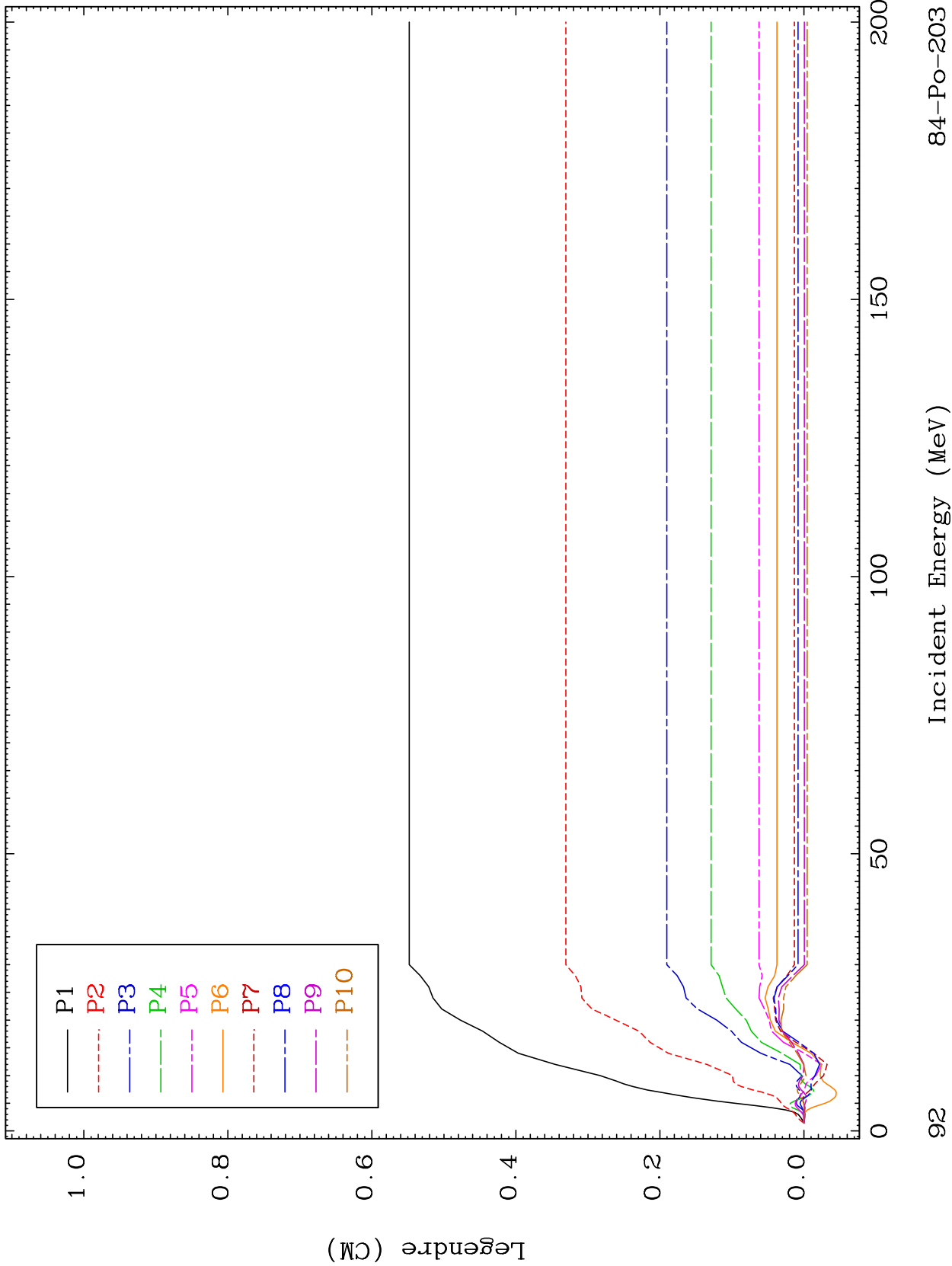
84-Po-203



MAT 8416

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

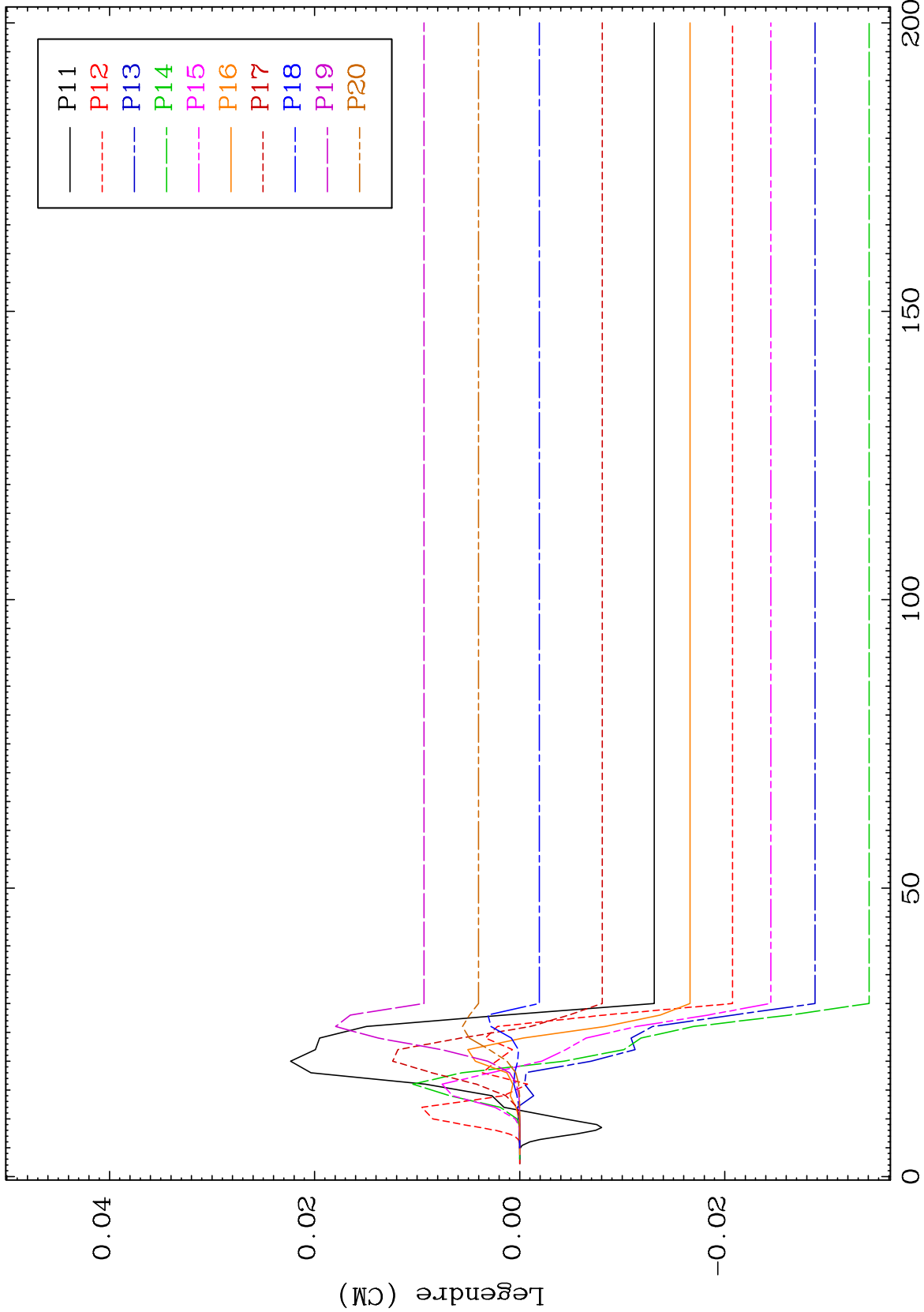
84-Po-203



MAT 8416

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

84-Po-203



93

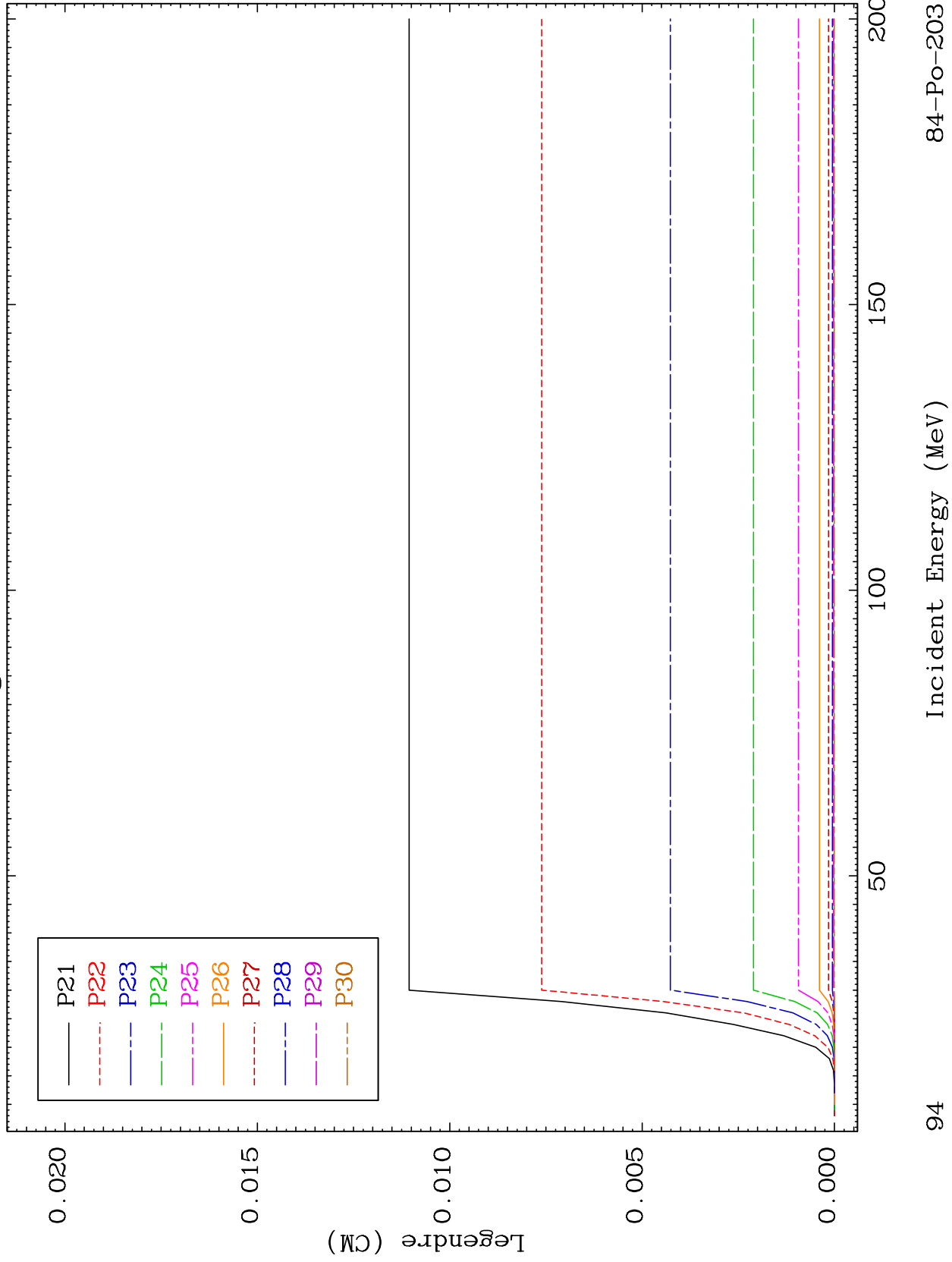
Incident Energy (MeV)

84-Po-203

MAT 8416

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

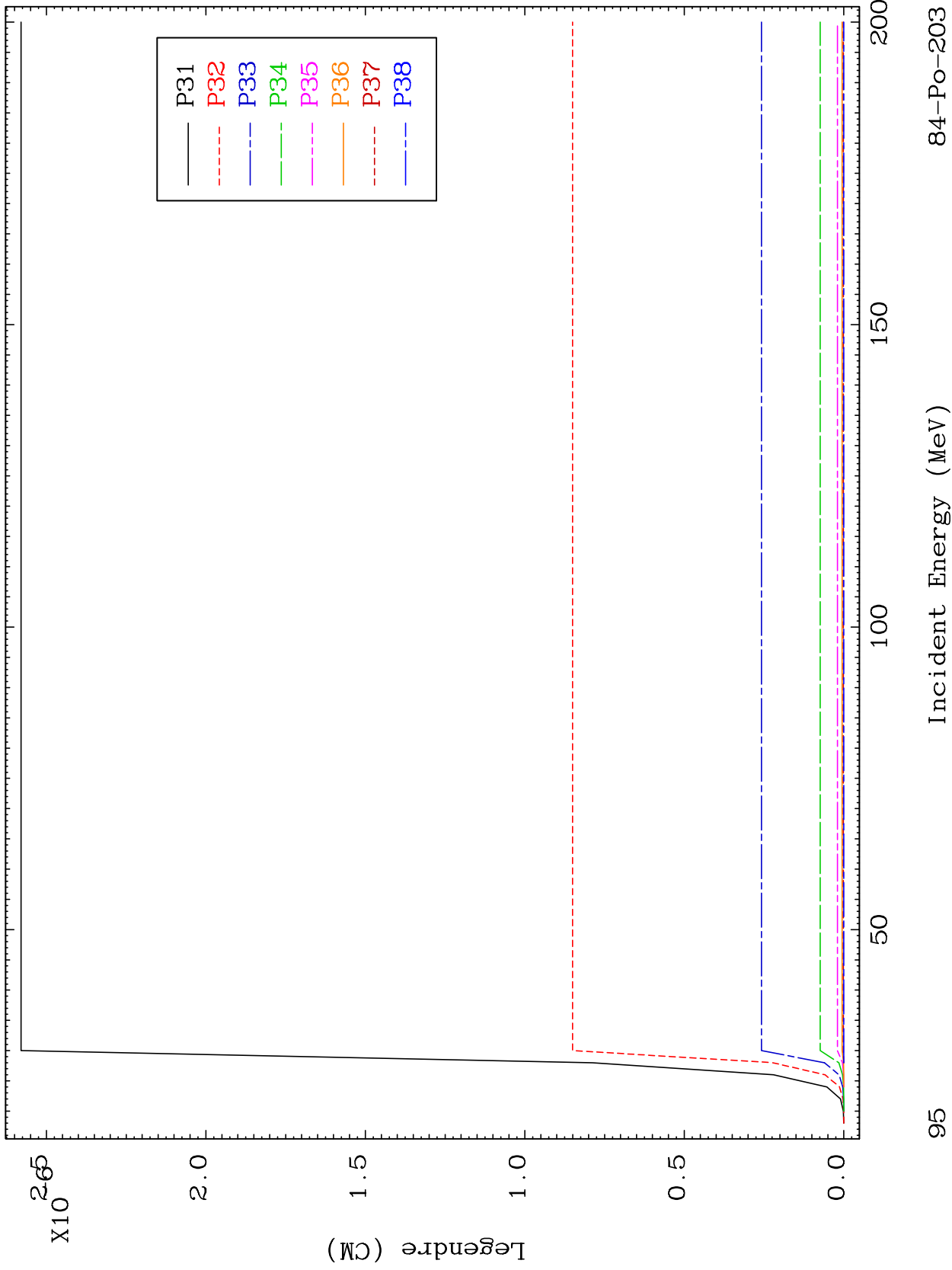
84-Po-203



MAT 8416

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

84-Po-203



95

Incident Energy (MeV)

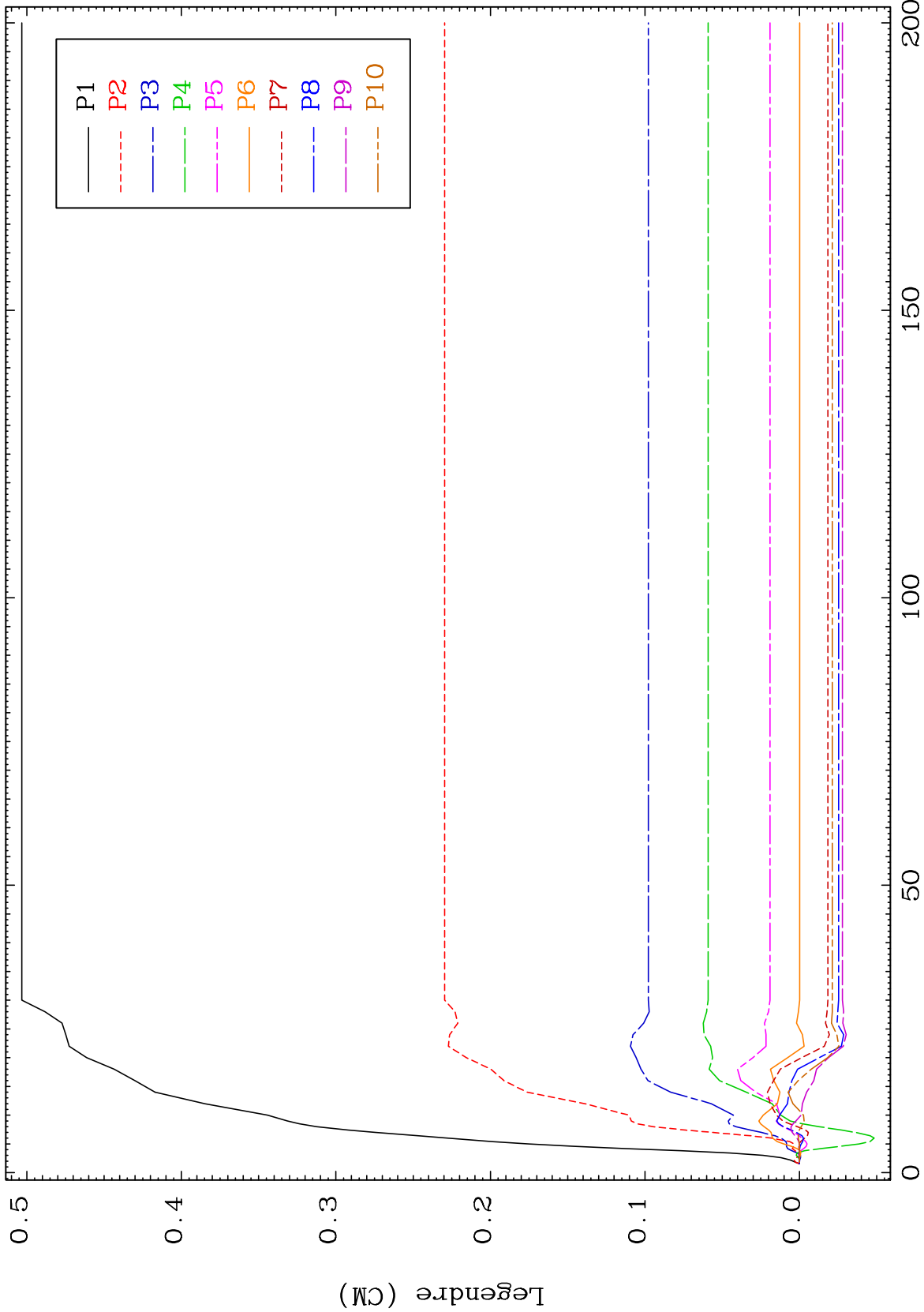
84-Po-203

MAT 8416

MT= 70 (n,n') Level

84-Po-203

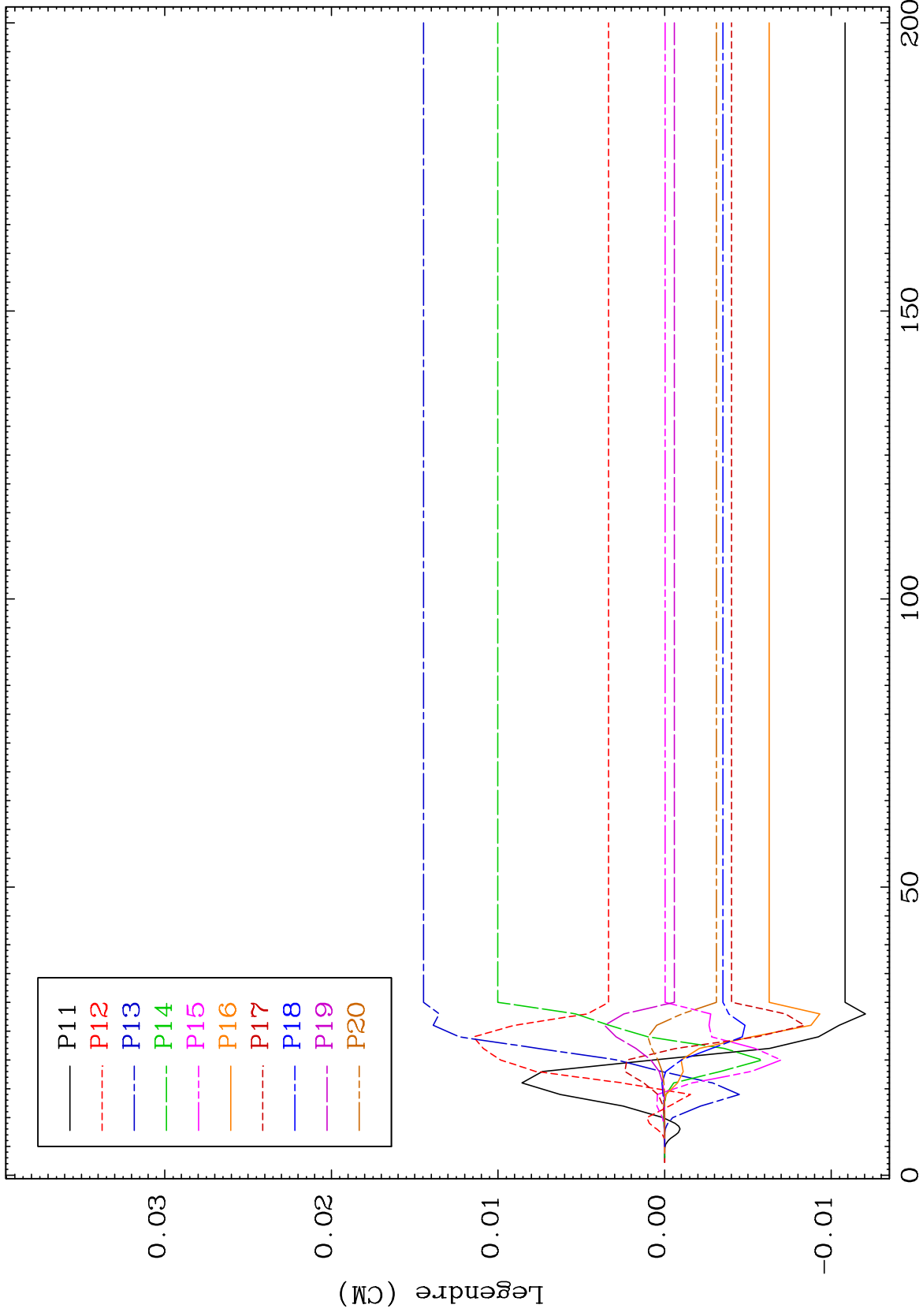
Legendre Coefficients



MAT 8416

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

84-Po-203



97

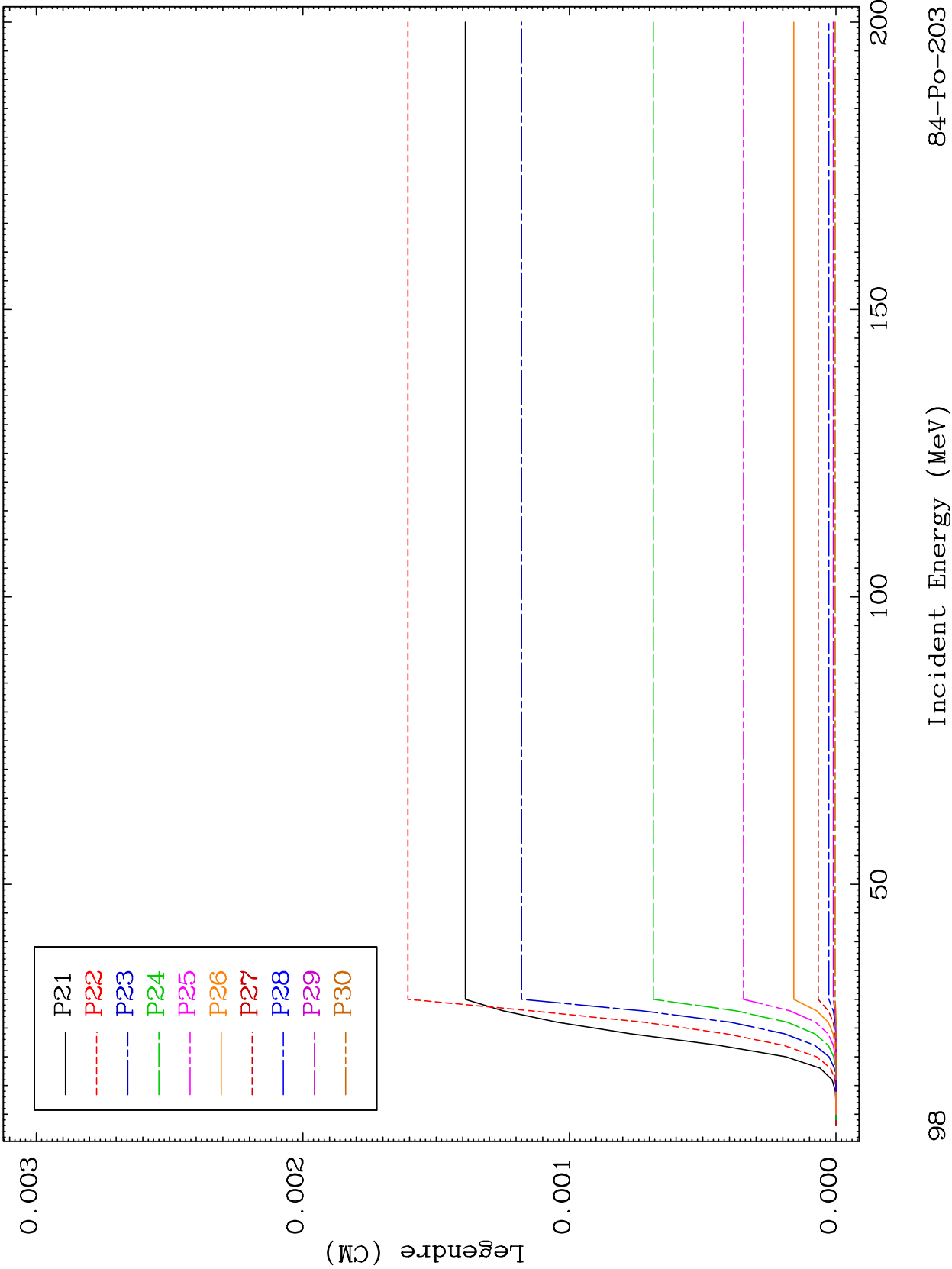
Incident Energy (MeV)

84-Po-203

MAT 8416

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

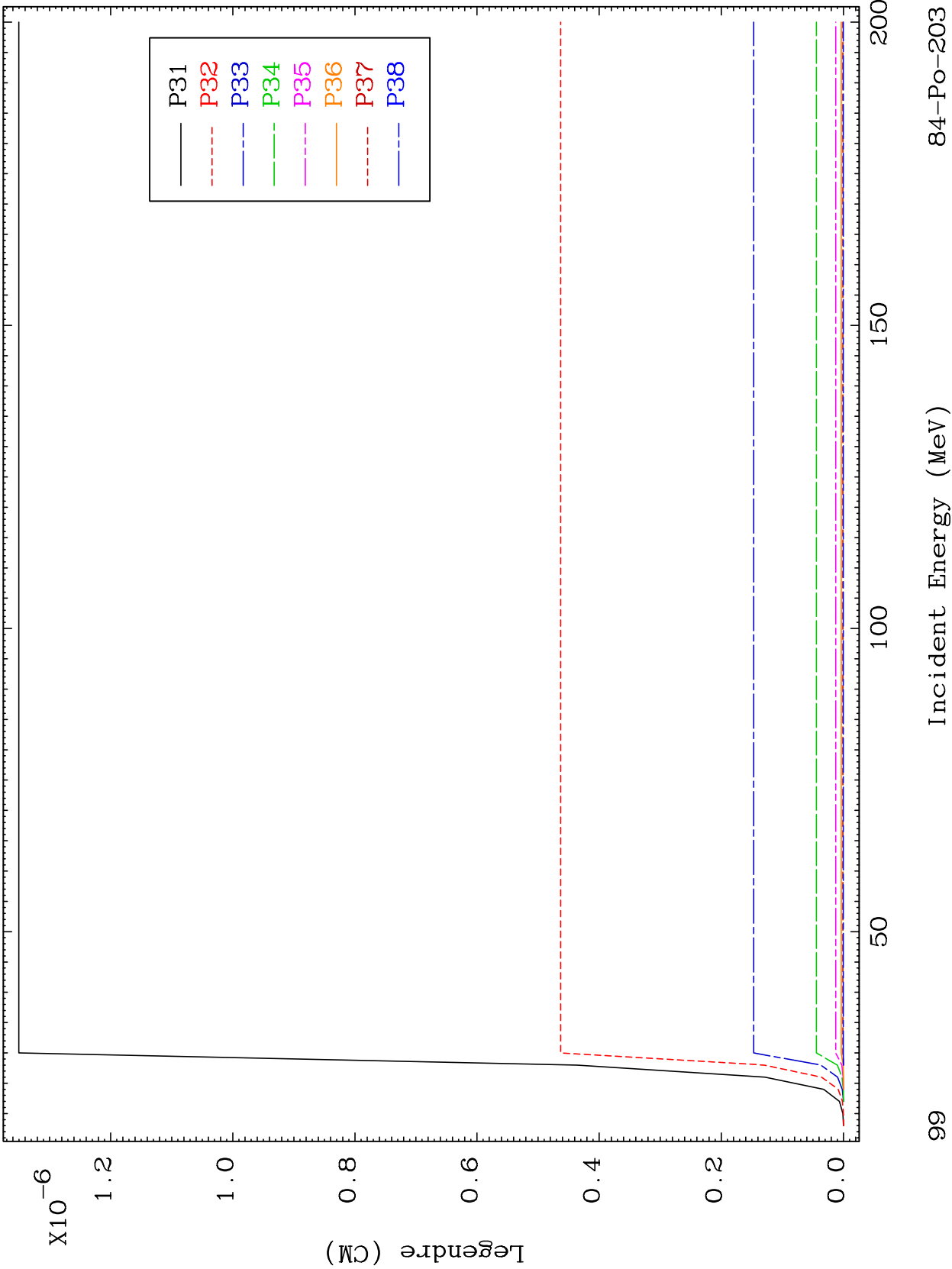
84-Po-203



MAT 8416

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

84-Po-203



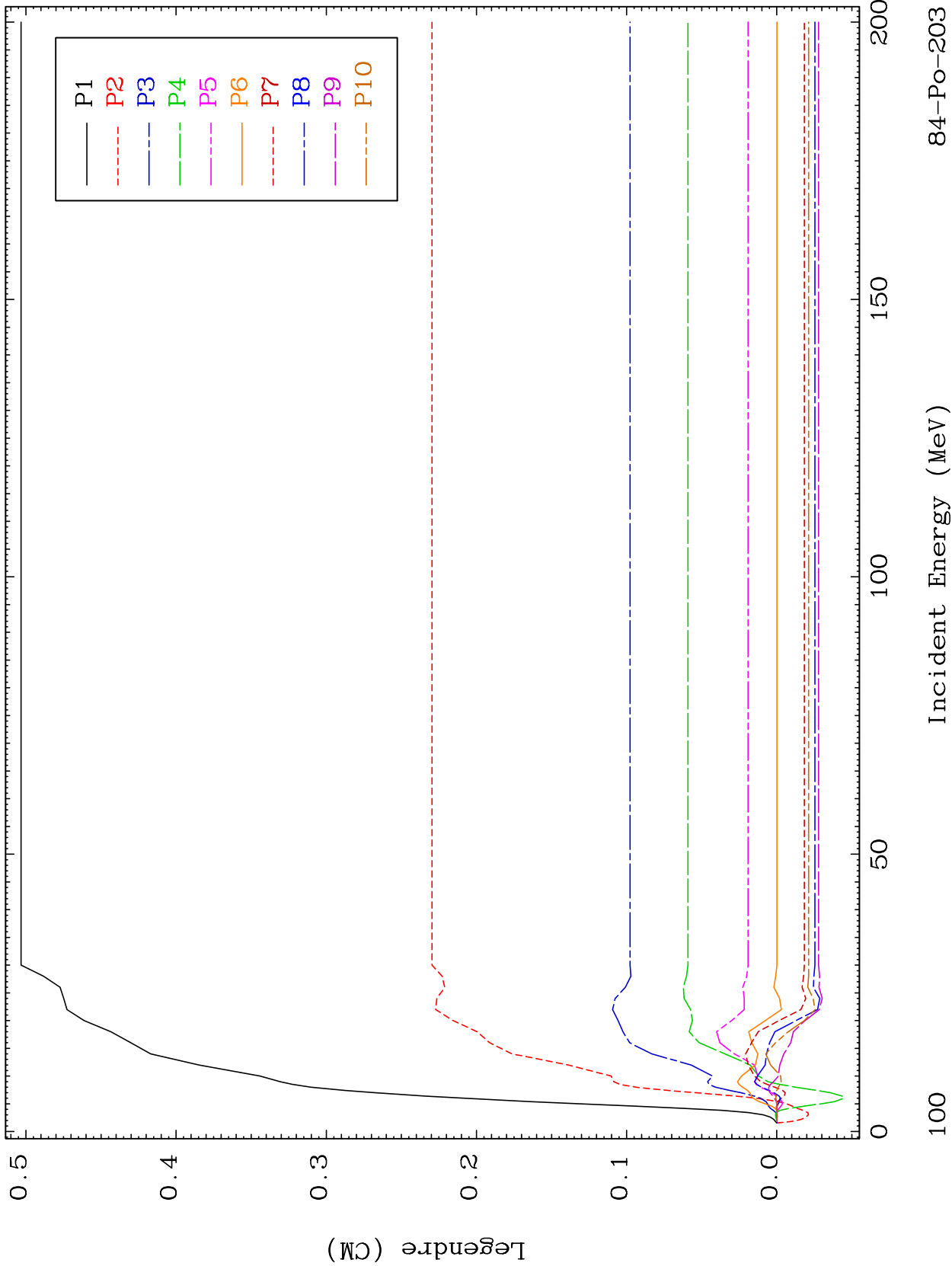
99

84-Po-203

MAT 8416

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

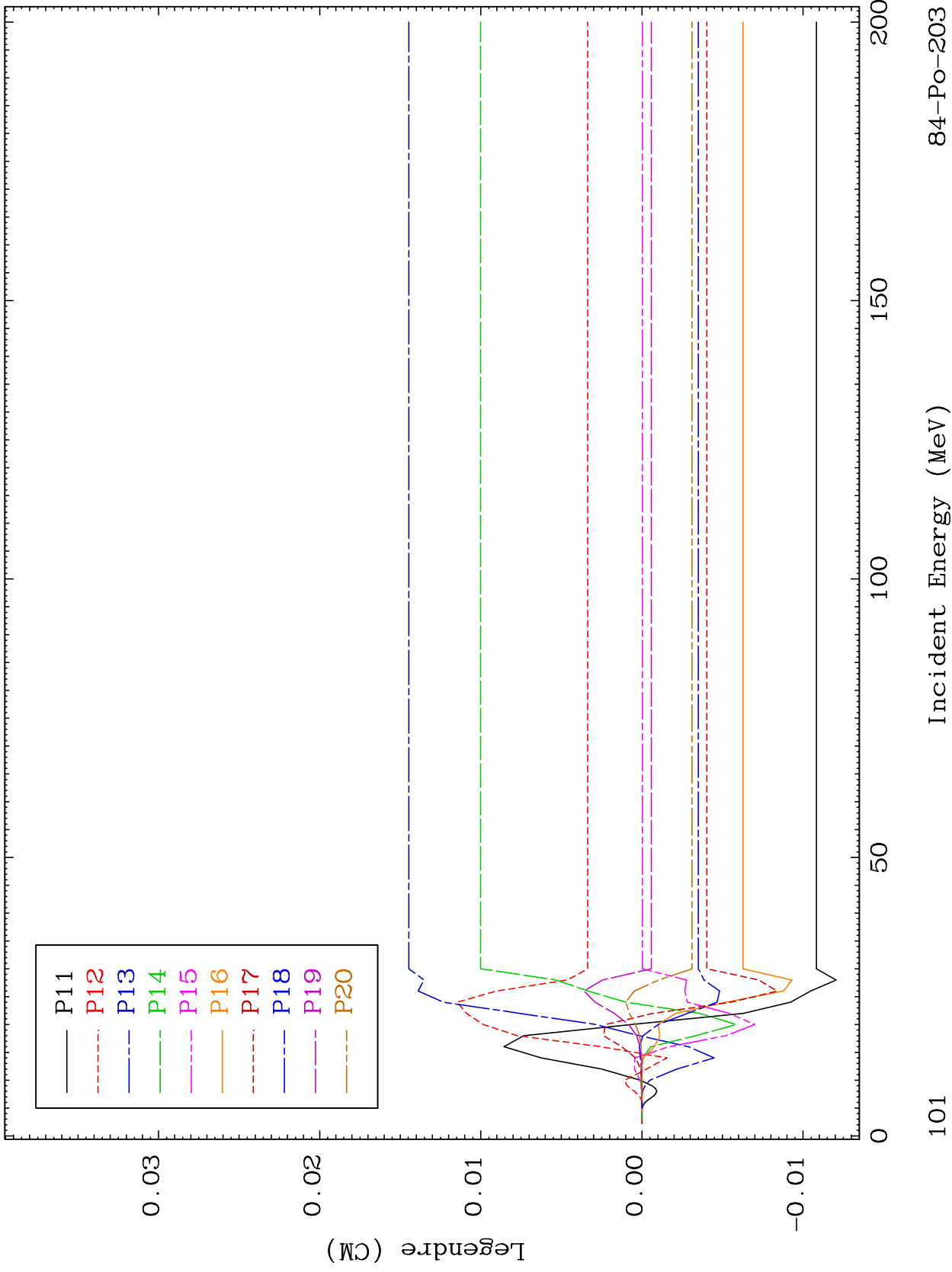
84-Po-203



MAT 8416

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

84-Po-203



101

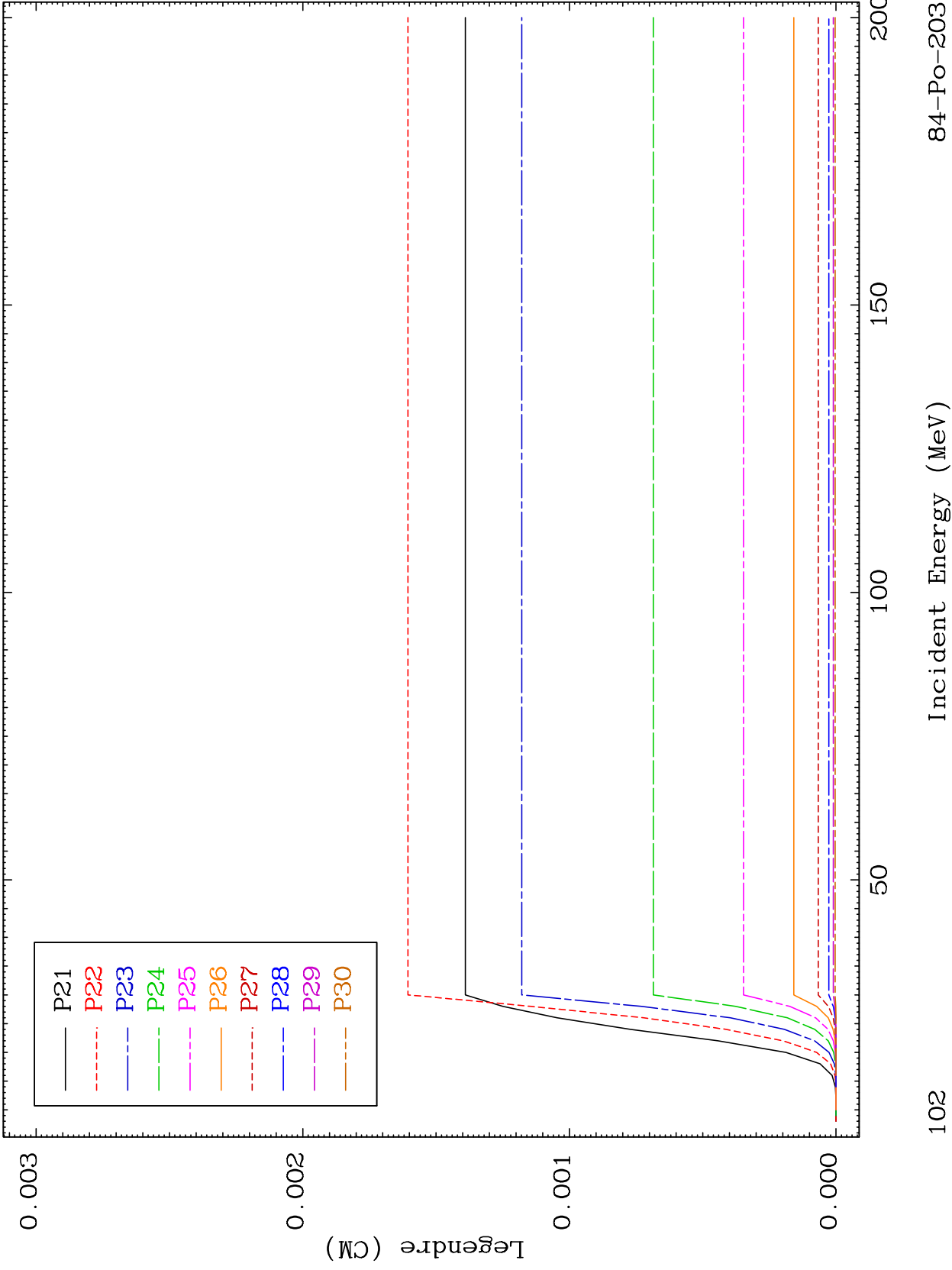
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



102

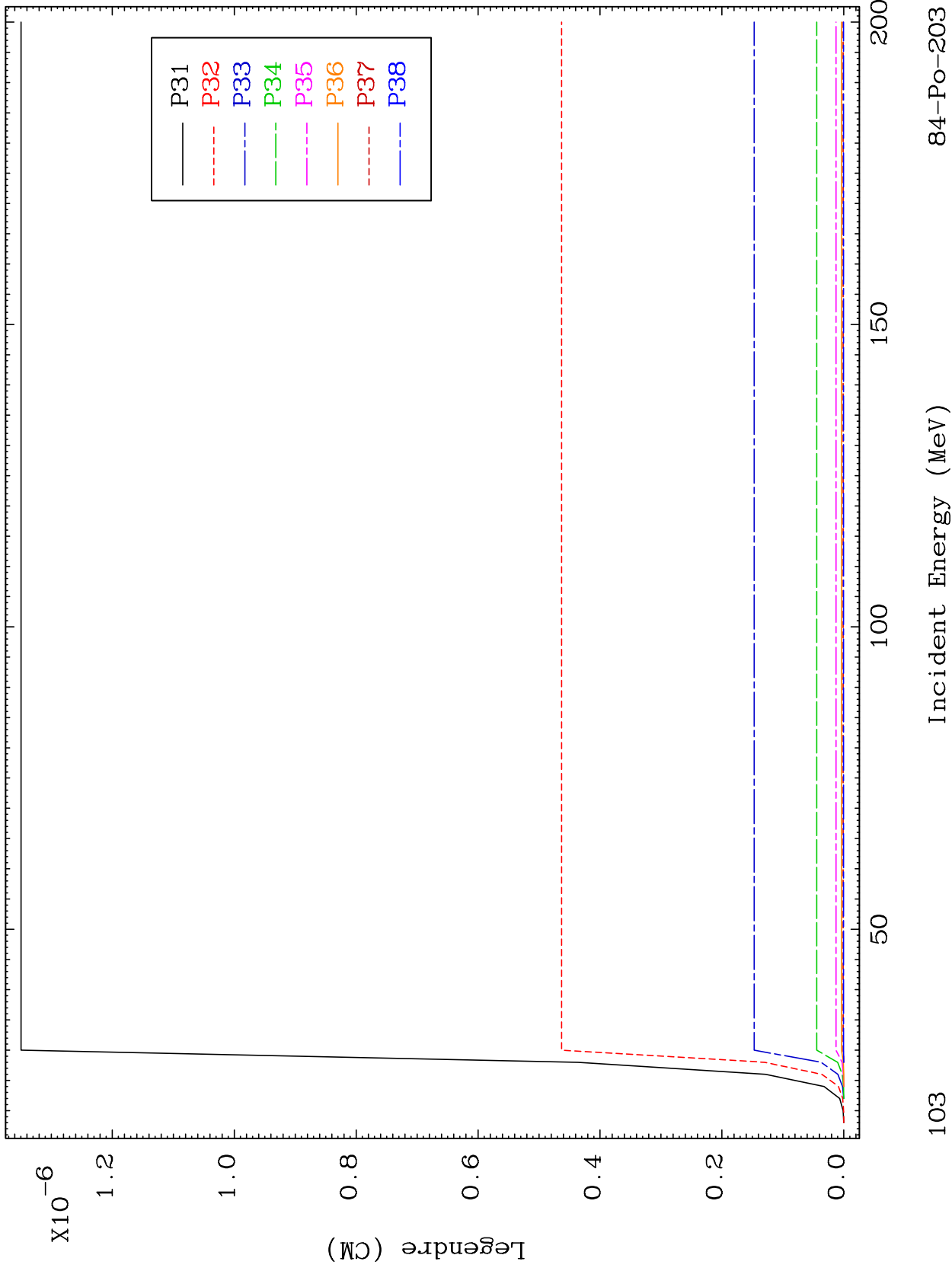
Incident Energy (MeV)

84-Po-203

MAT 8416

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

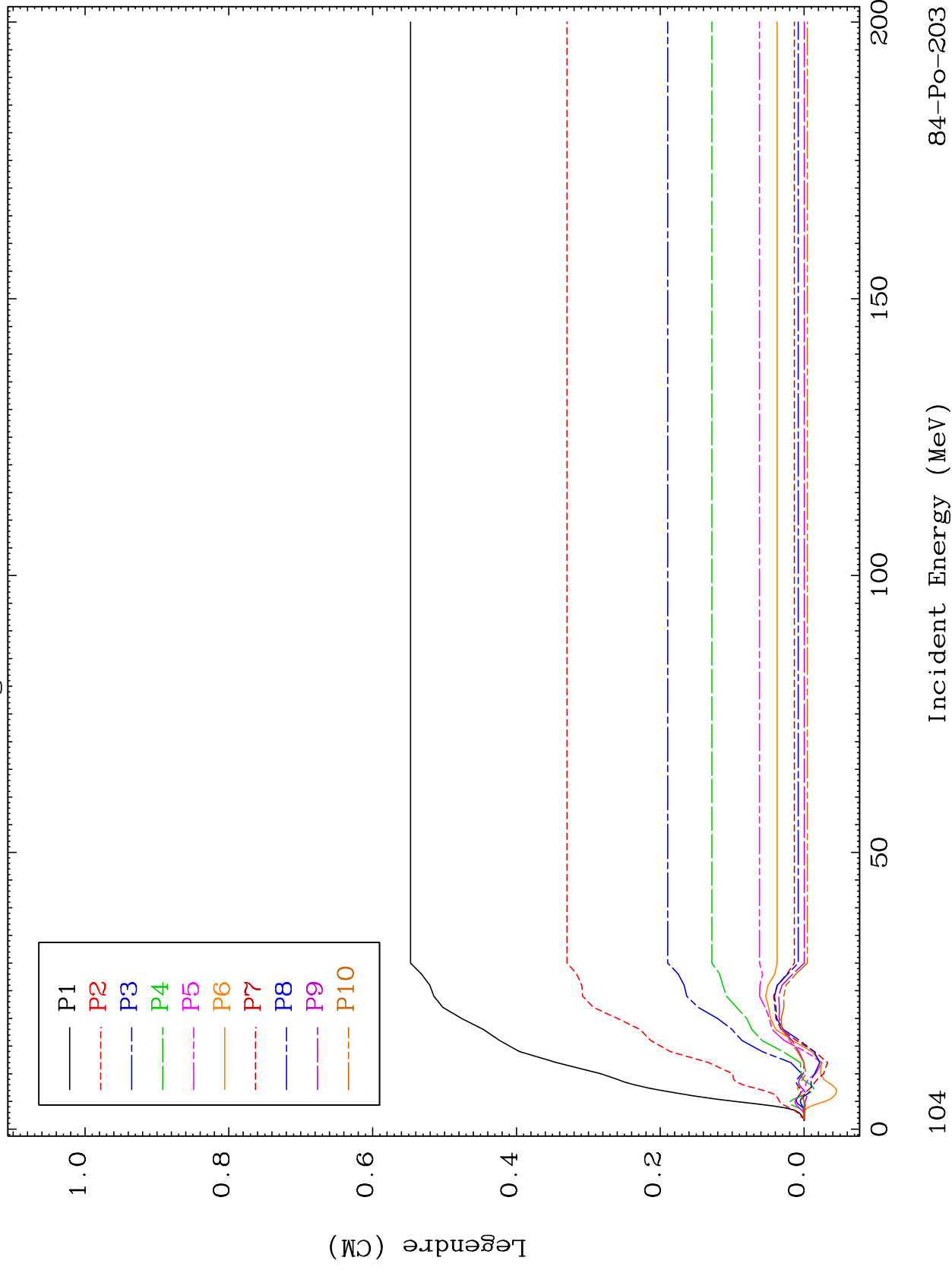
84-Po-203



MAT 8416

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

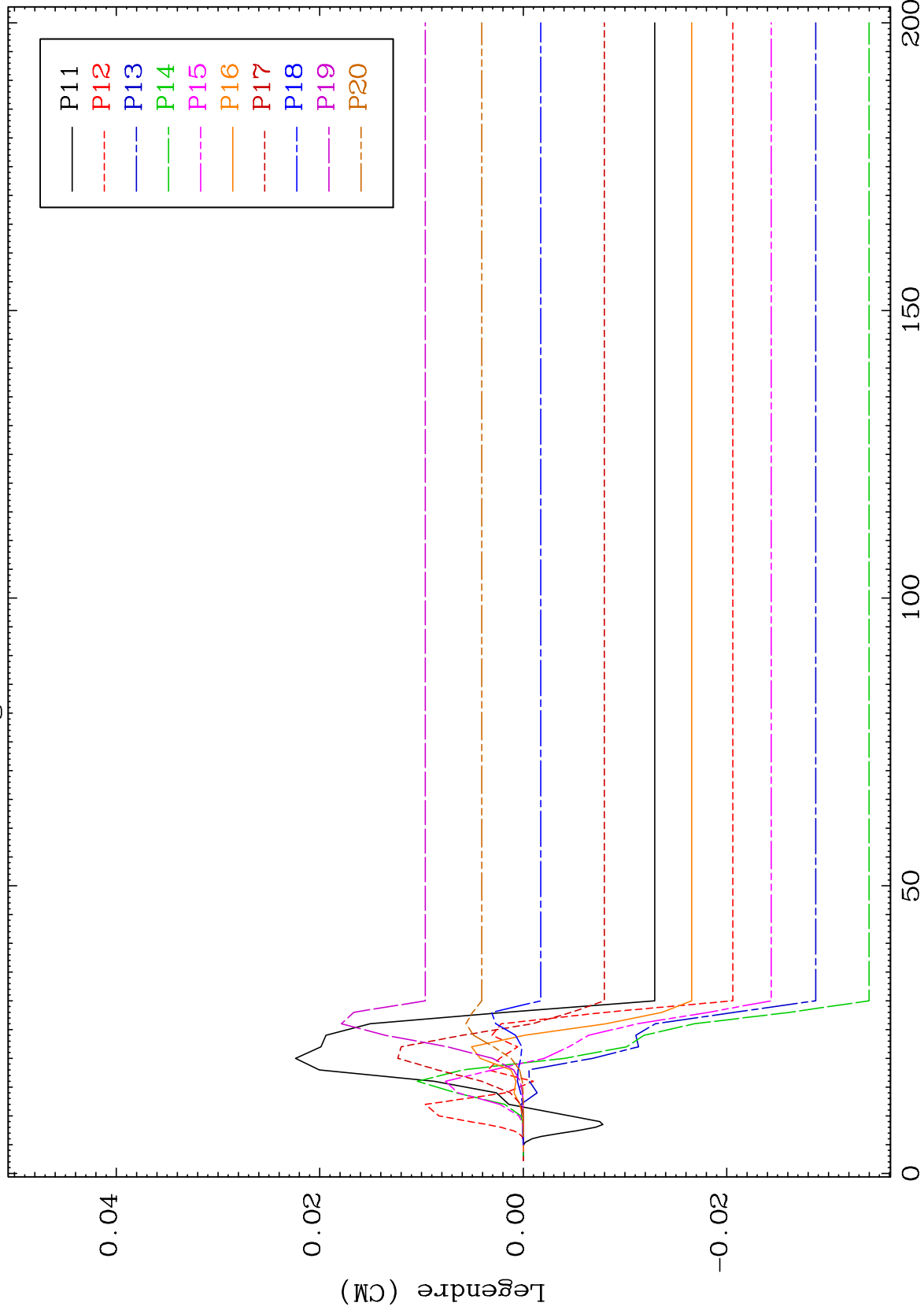
84-Po-203



MAT 8416

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

84-Po-203



105

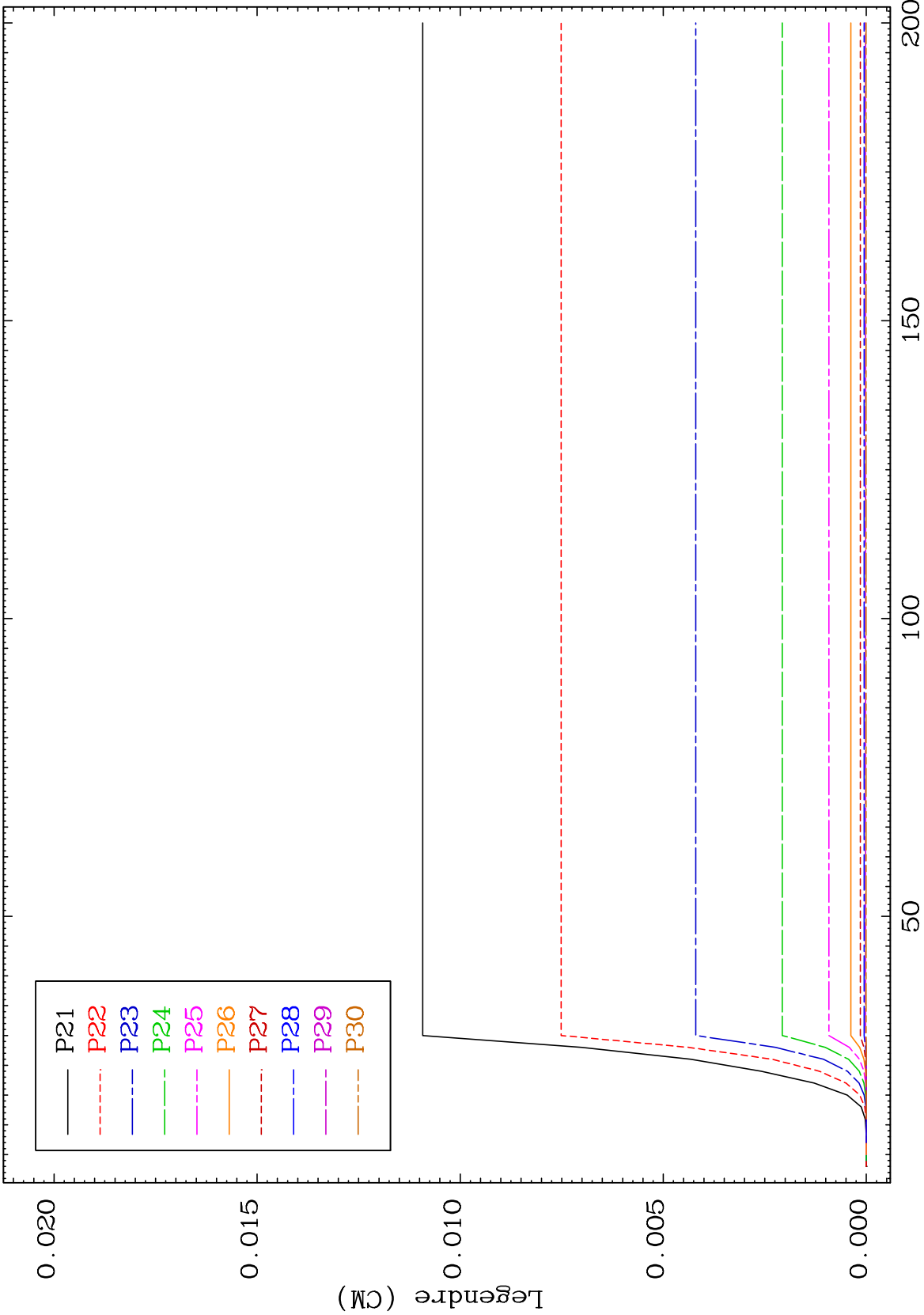
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



106

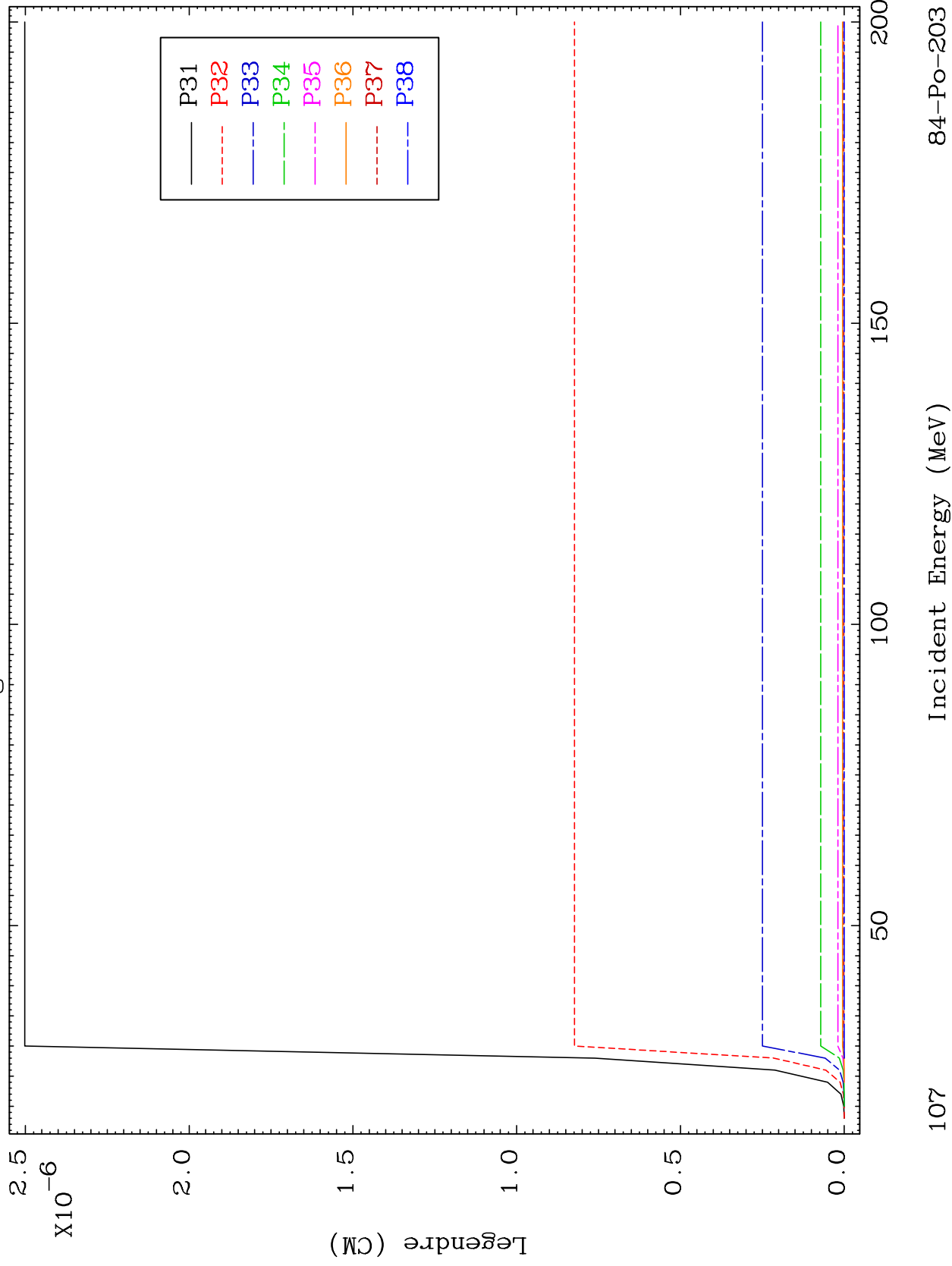
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



107

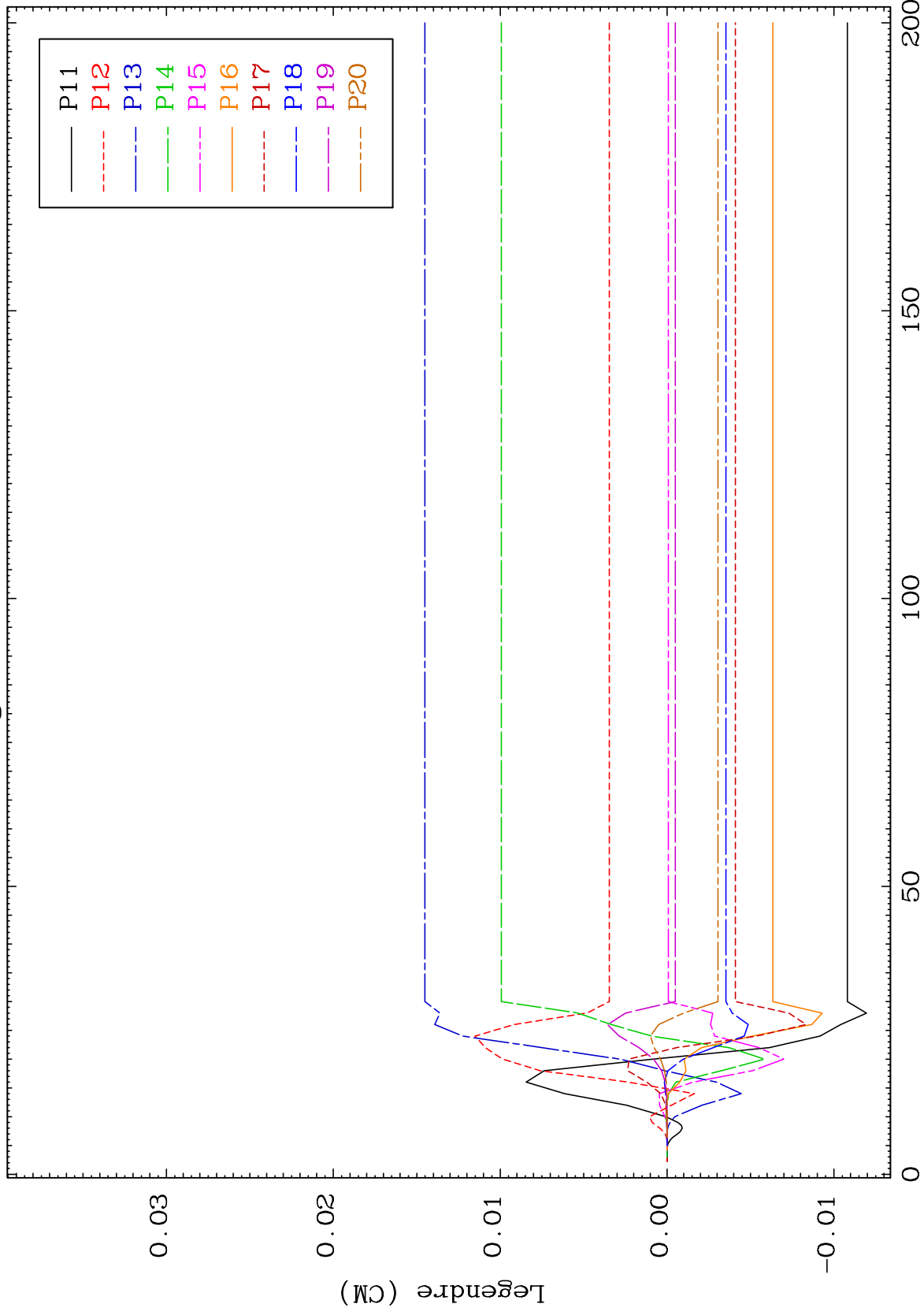
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 73 (n,n') Level
Legendre Coefficients

84-Po-203



109

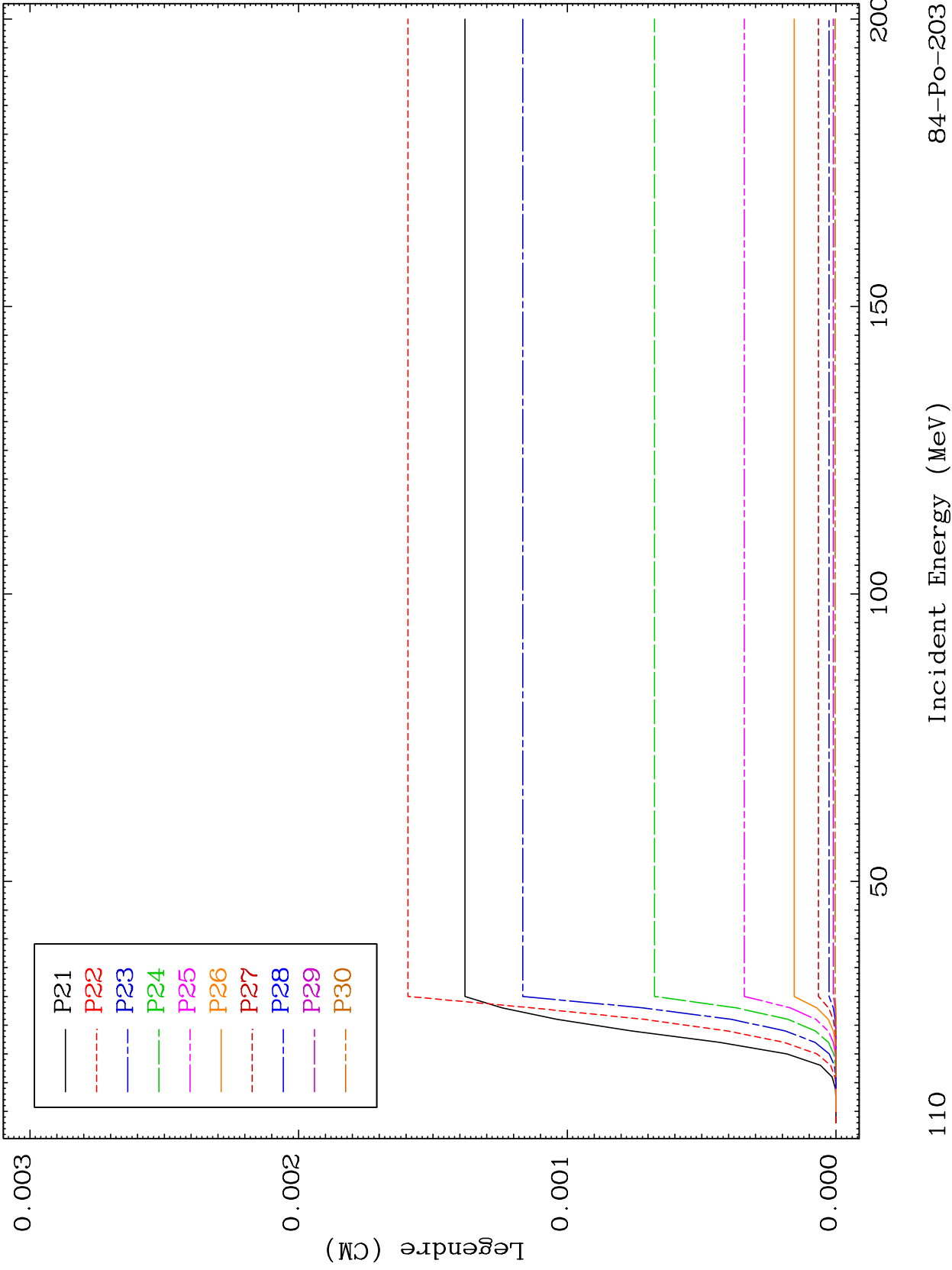
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 73 (n,n') Level
Legendre Coefficients

84-Po-203



110

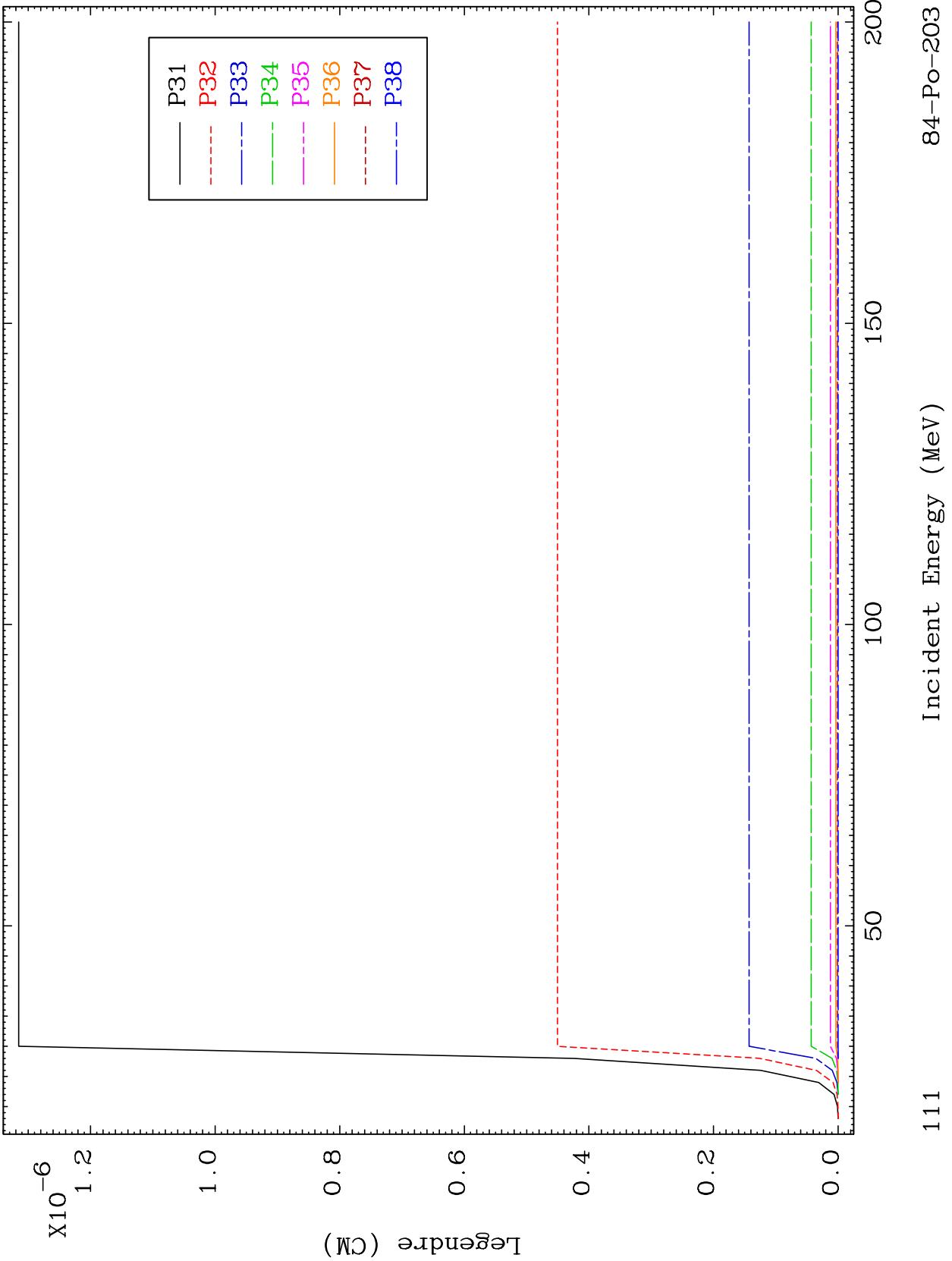
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 73 (n,n') Level
Legendre Coefficients

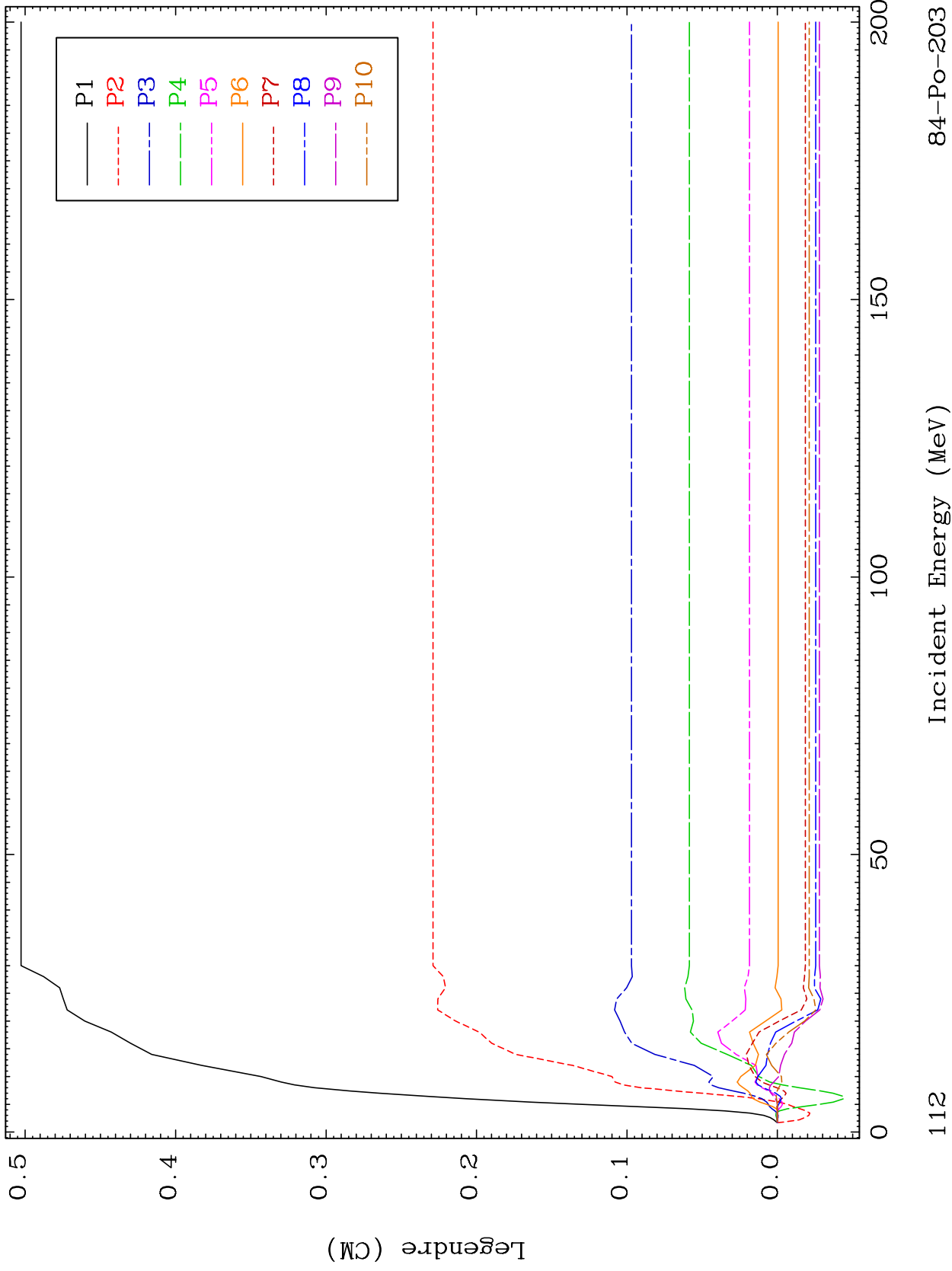
84-Po-203



MAT 8416

MT= 74 (n,n') Level
Legendre Coefficients

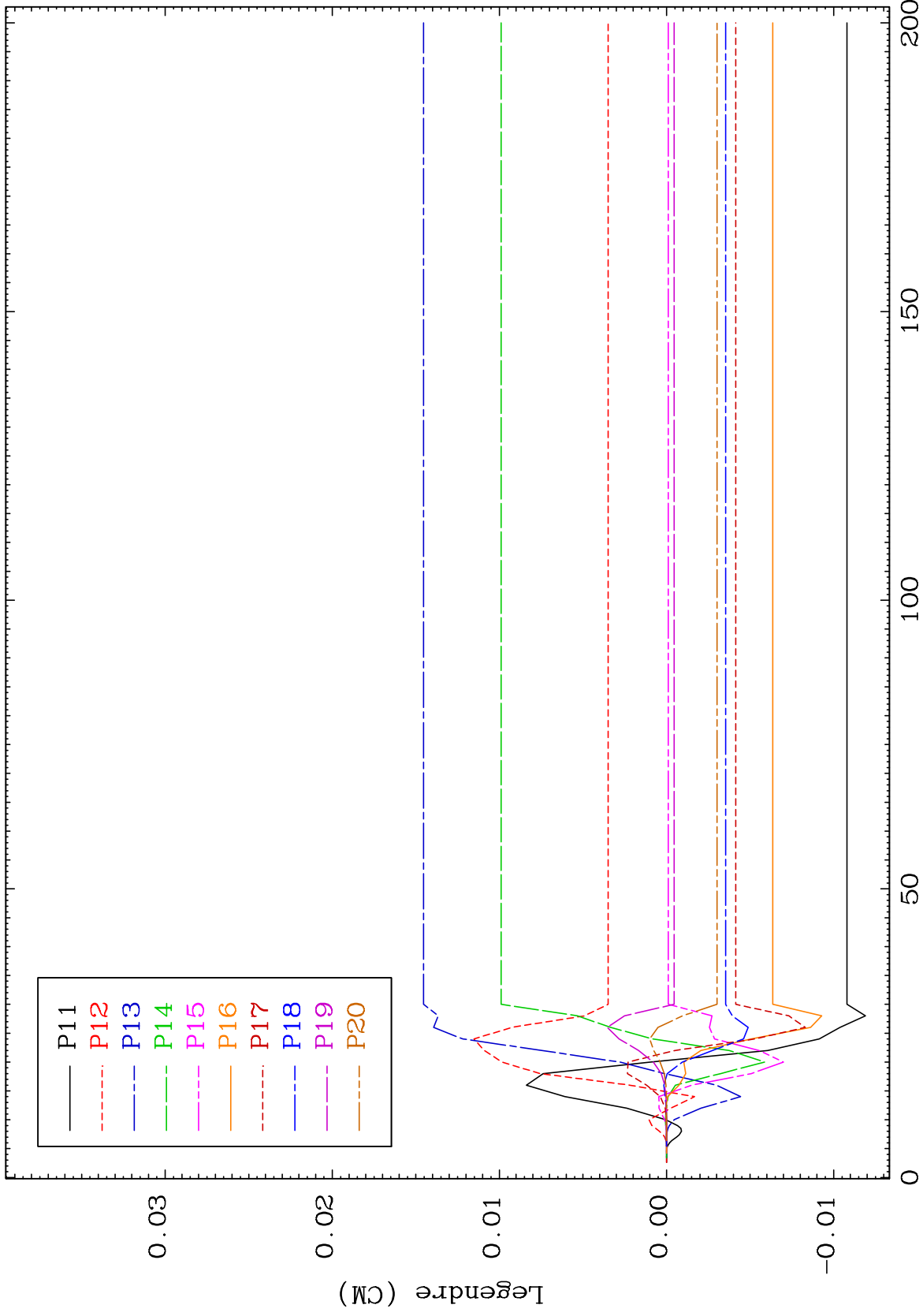
84-Po-203



MAT 8416

MT= 74 (n,n') Level
Legendre Coefficients

84-Po-203



113

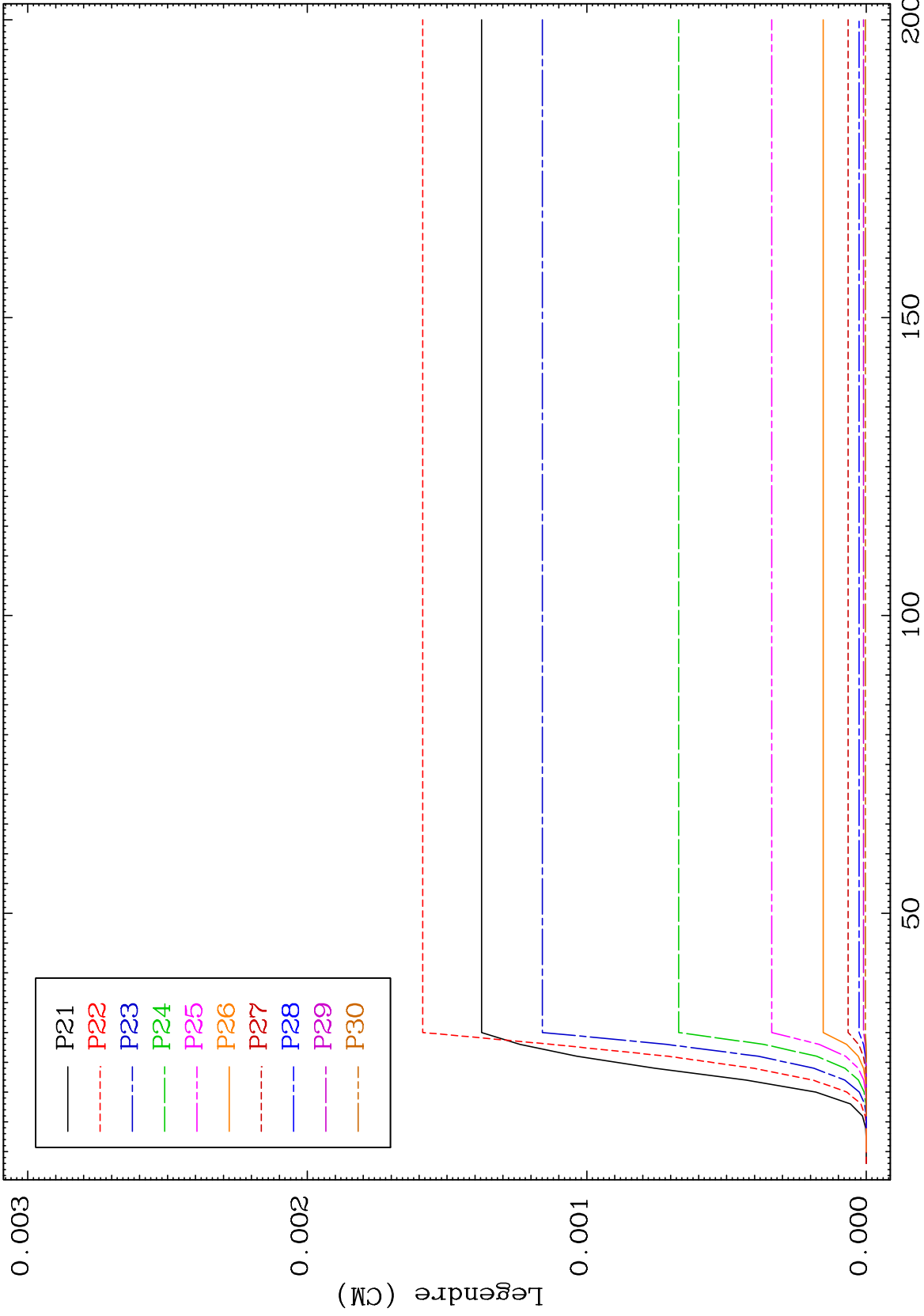
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 74 (n,n') Level
Legendre Coefficients

84-Po-203



114

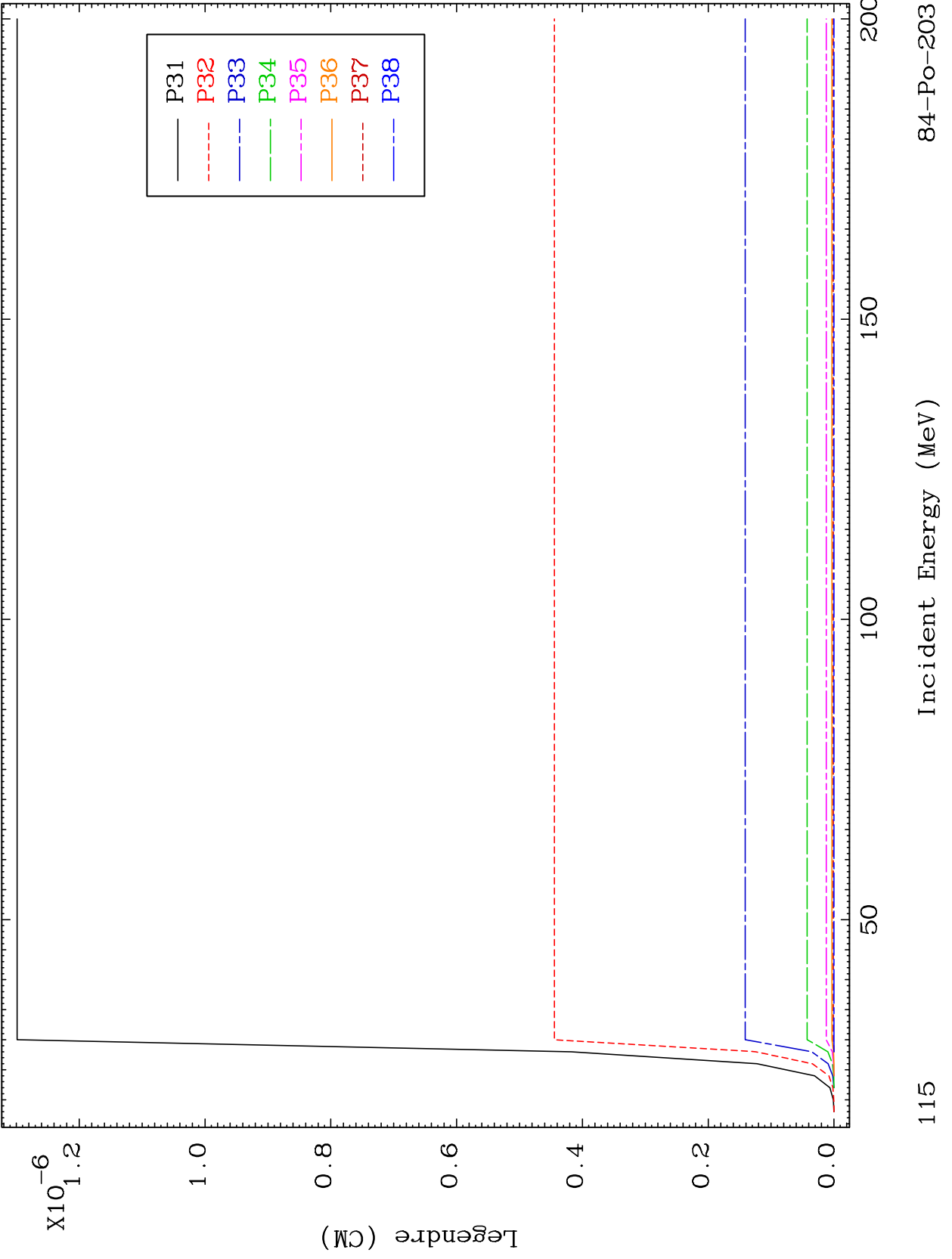
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 74 (n,n') Level
Legendre Coefficients

84-Po-203



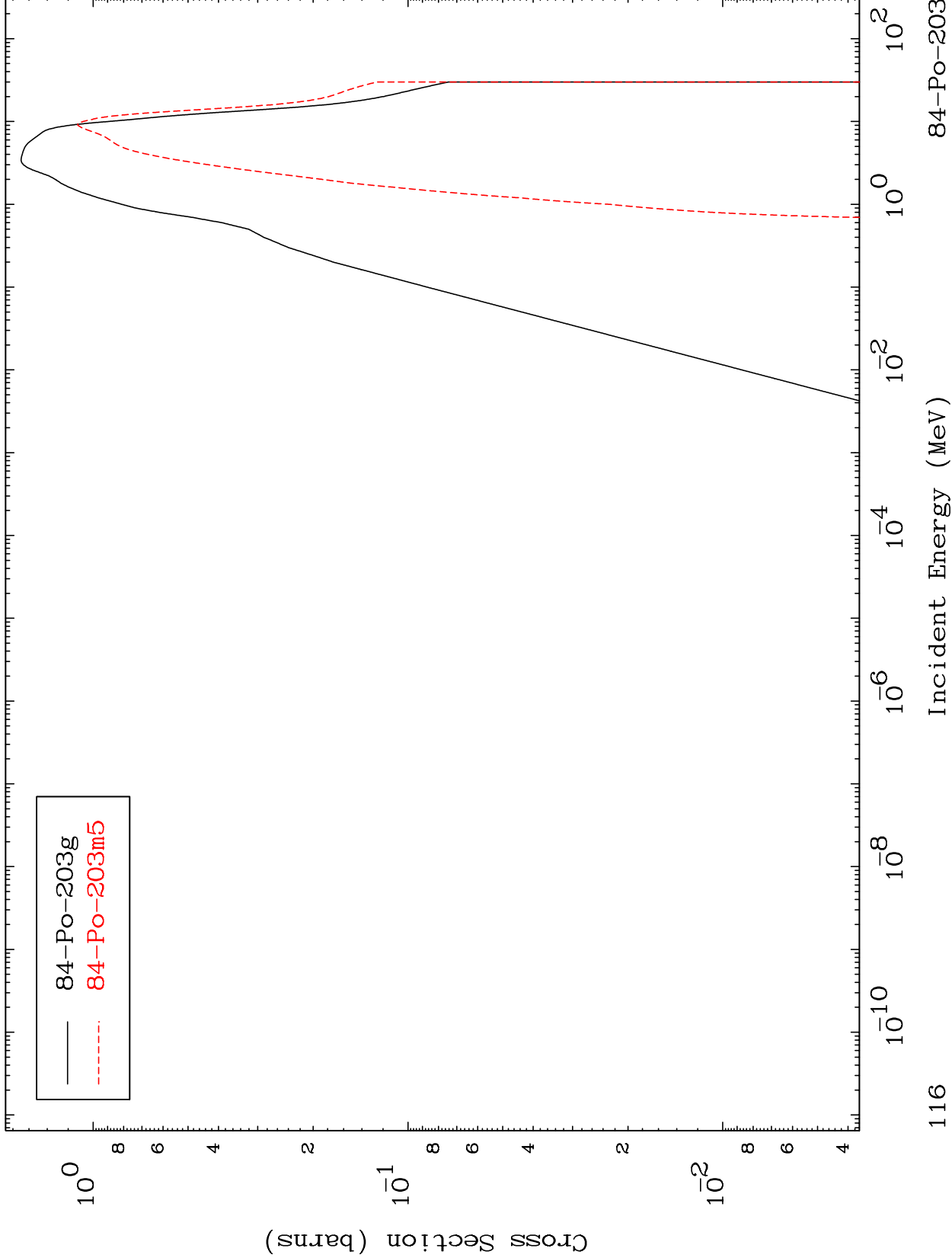
115

84-Po-203

MAT 8416

Inelastic
Radionuclide Production Cross Section

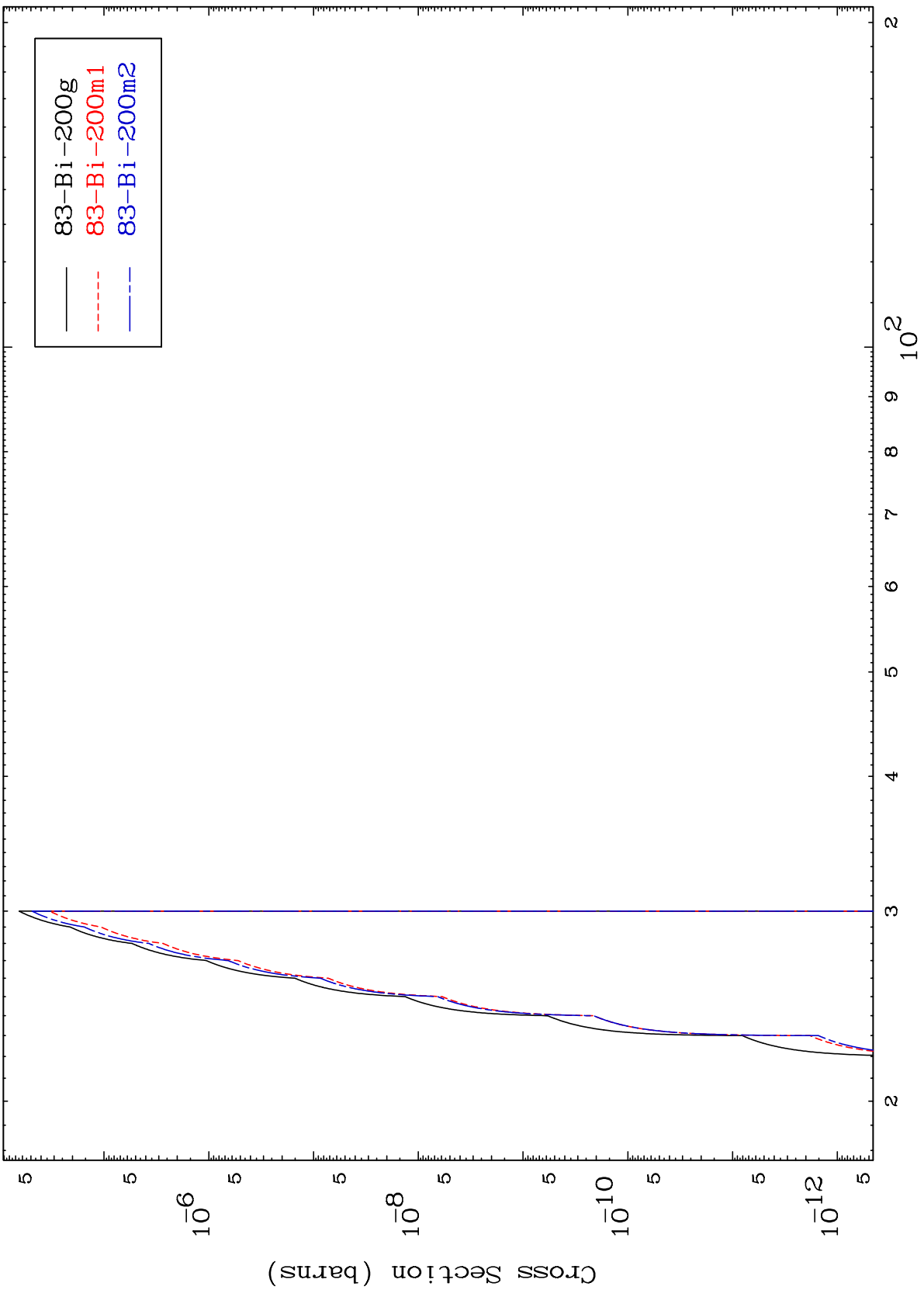
84-Po-203



116

84-Po-203

Radionuclide Production Cross Section

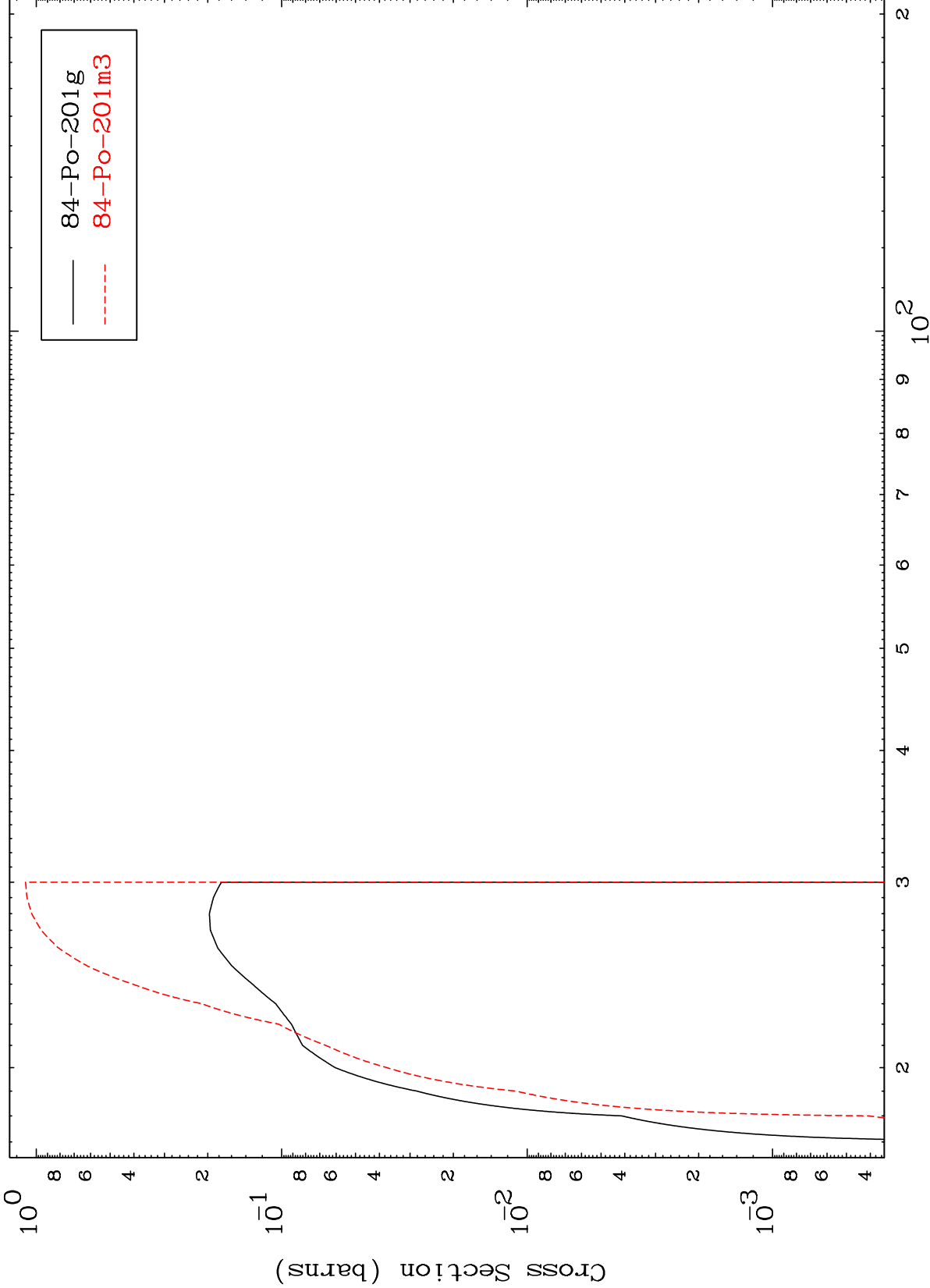


MAT 8416

(n,3n)

84-Po-203

Radionuclide Production Cross Section



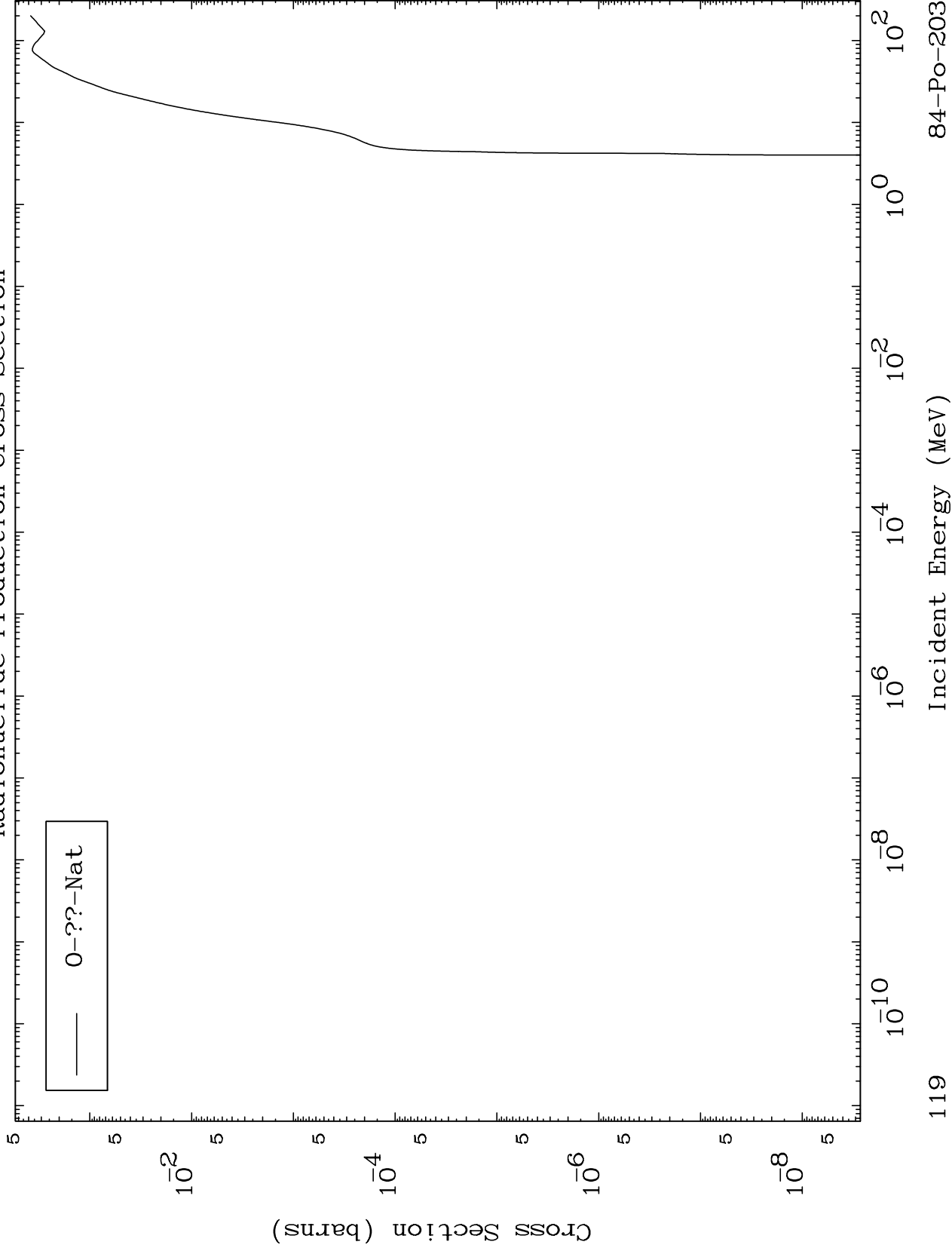
84-Po-201g
84-Po-201m3

MAT 8416

Fission

84-Po-203

Radionuclide Production Cross Section



119

Incident Energy (MeV)

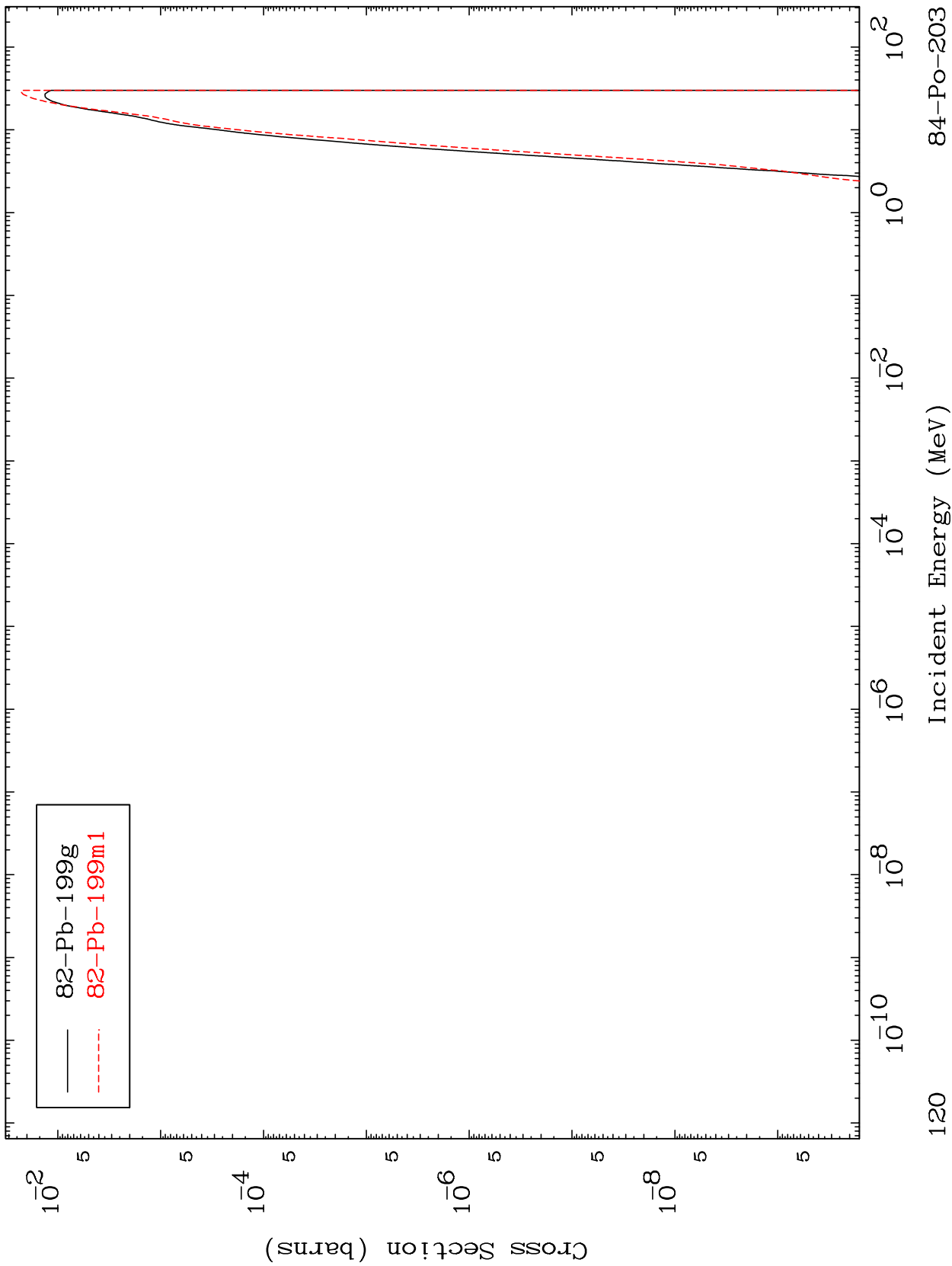
84-Po-203

MAT 8416

$(n, n') \alpha$

84-Po-203

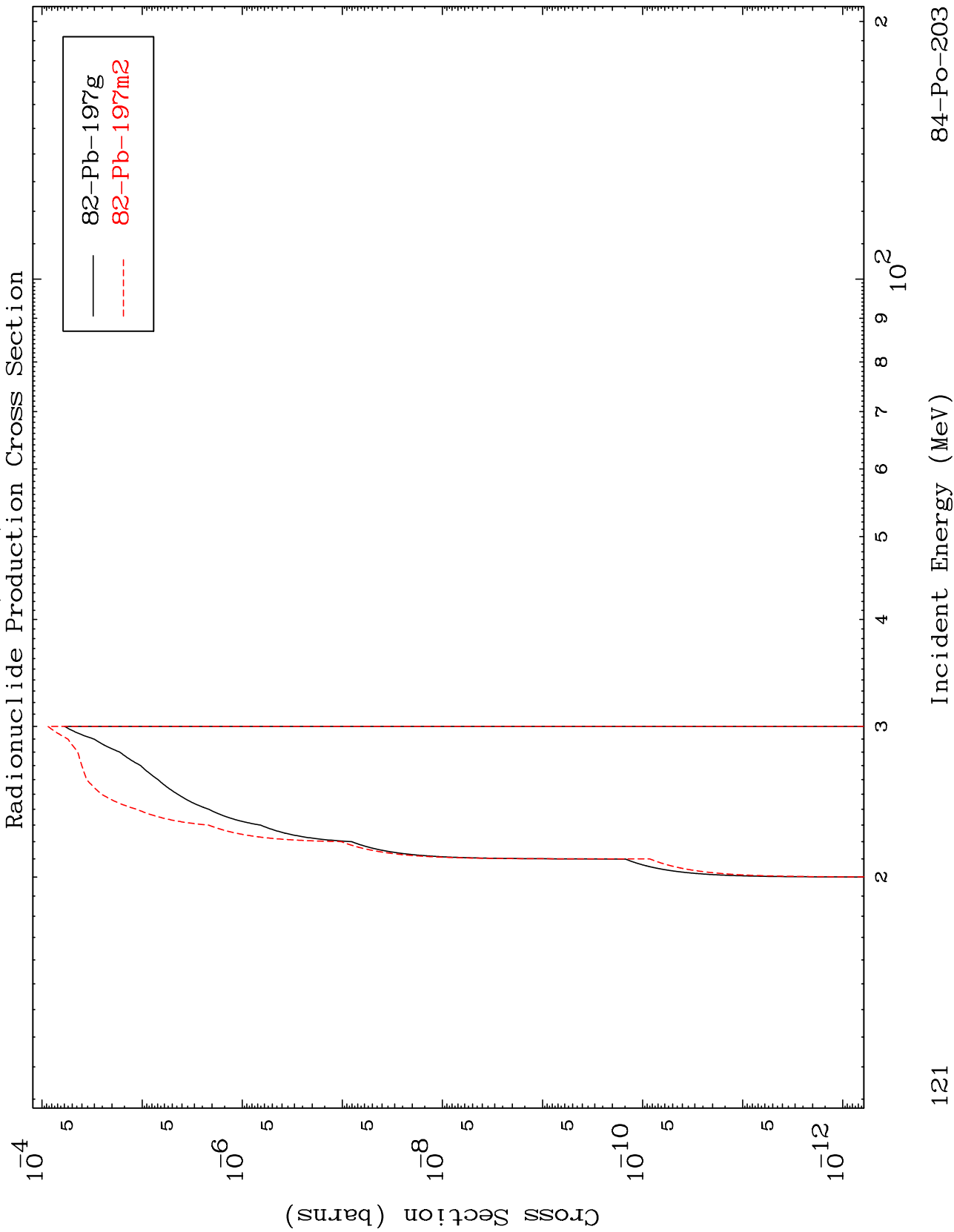
Radionuclide Production Cross Section



MAT 8416

(n,3n) α

84-Po-203



121

Incident Energy (MeV)

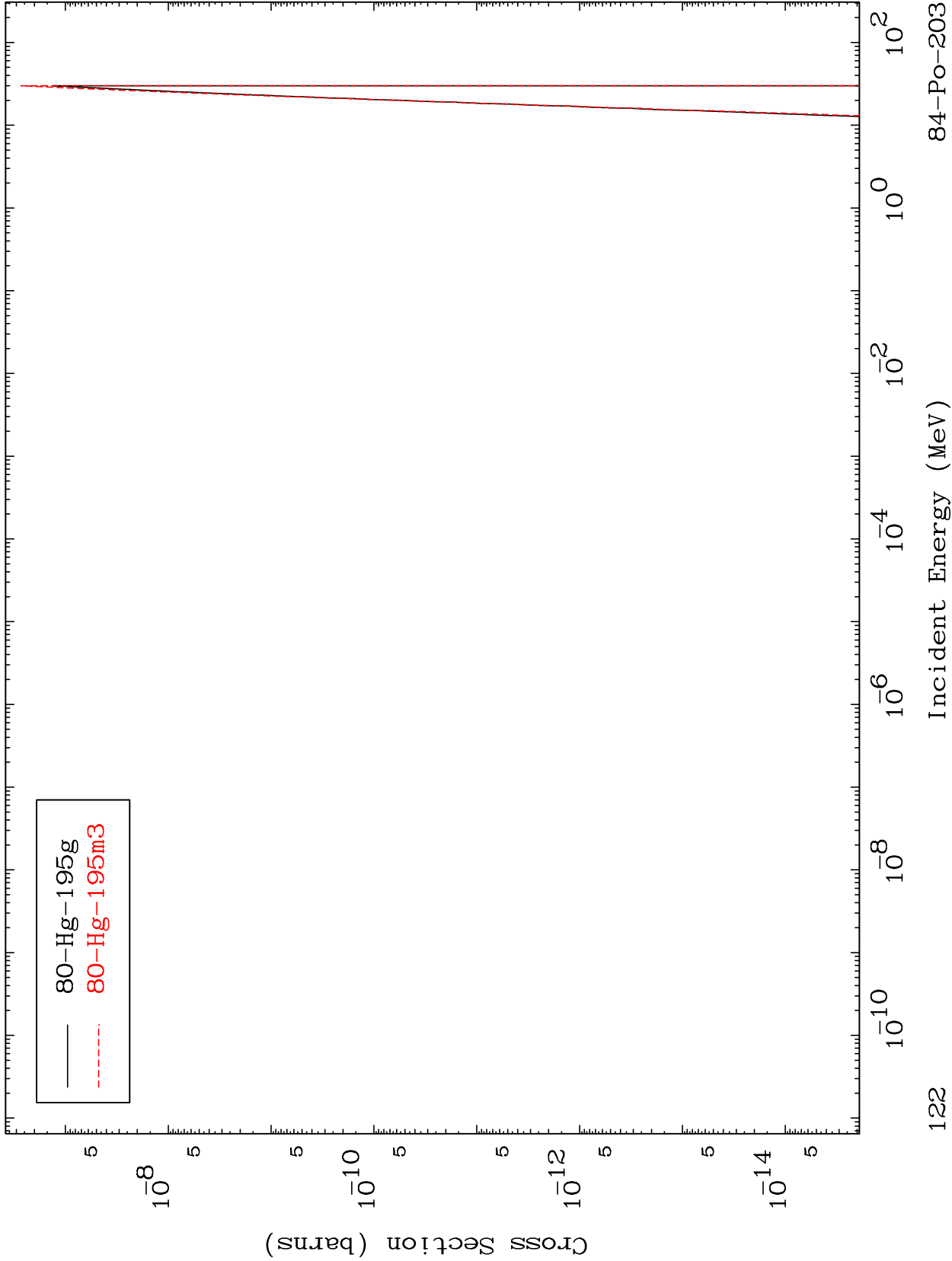
84-Po-203

MAT 8416

(n,n') 2α

84-Po-203

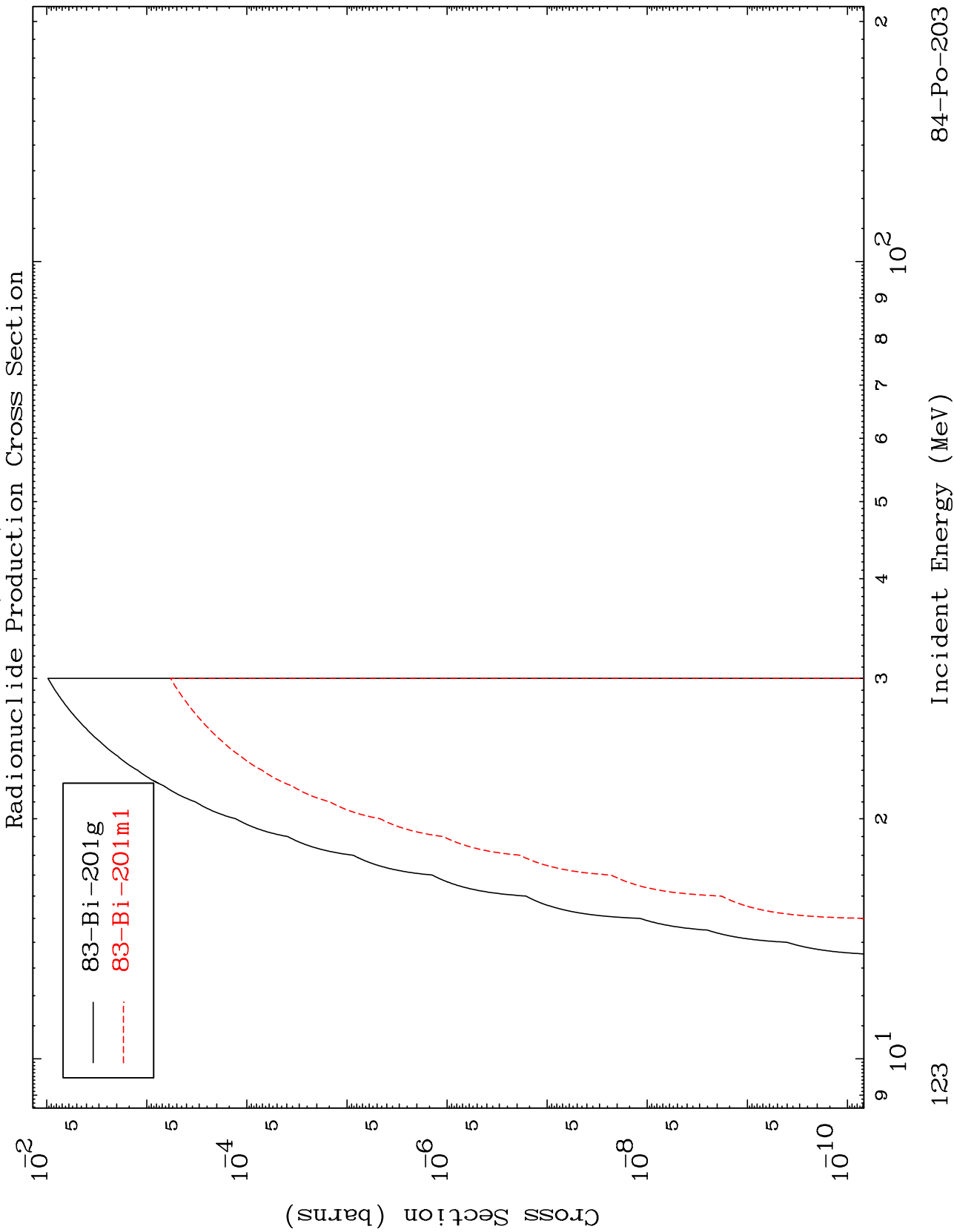
Radionuclide Production Cross Section



MAT 8416

(n,n') d

84-Po-203

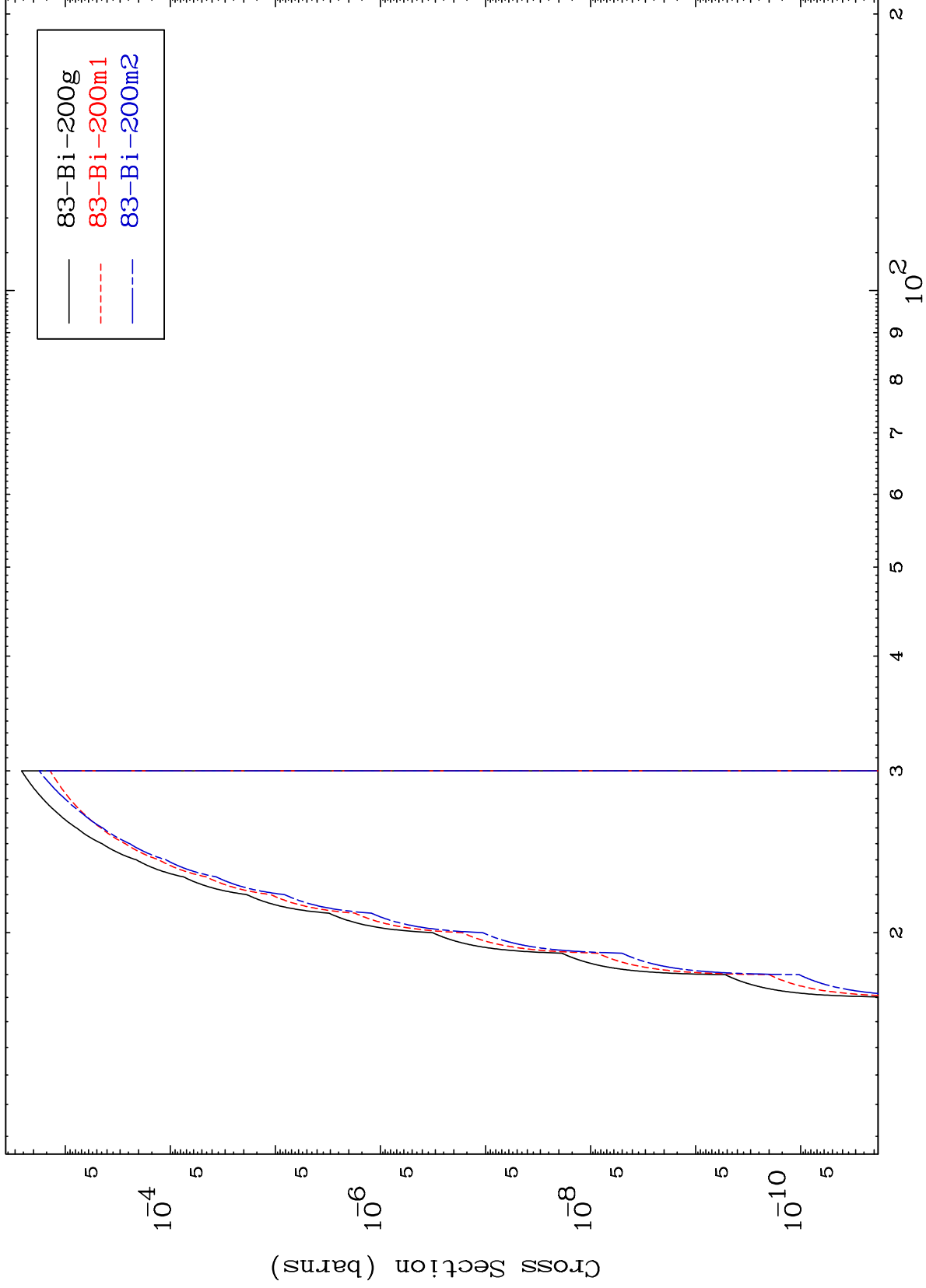


123

Incident Energy (MeV)

84-Po-203

Radionuclide Production Cross Section

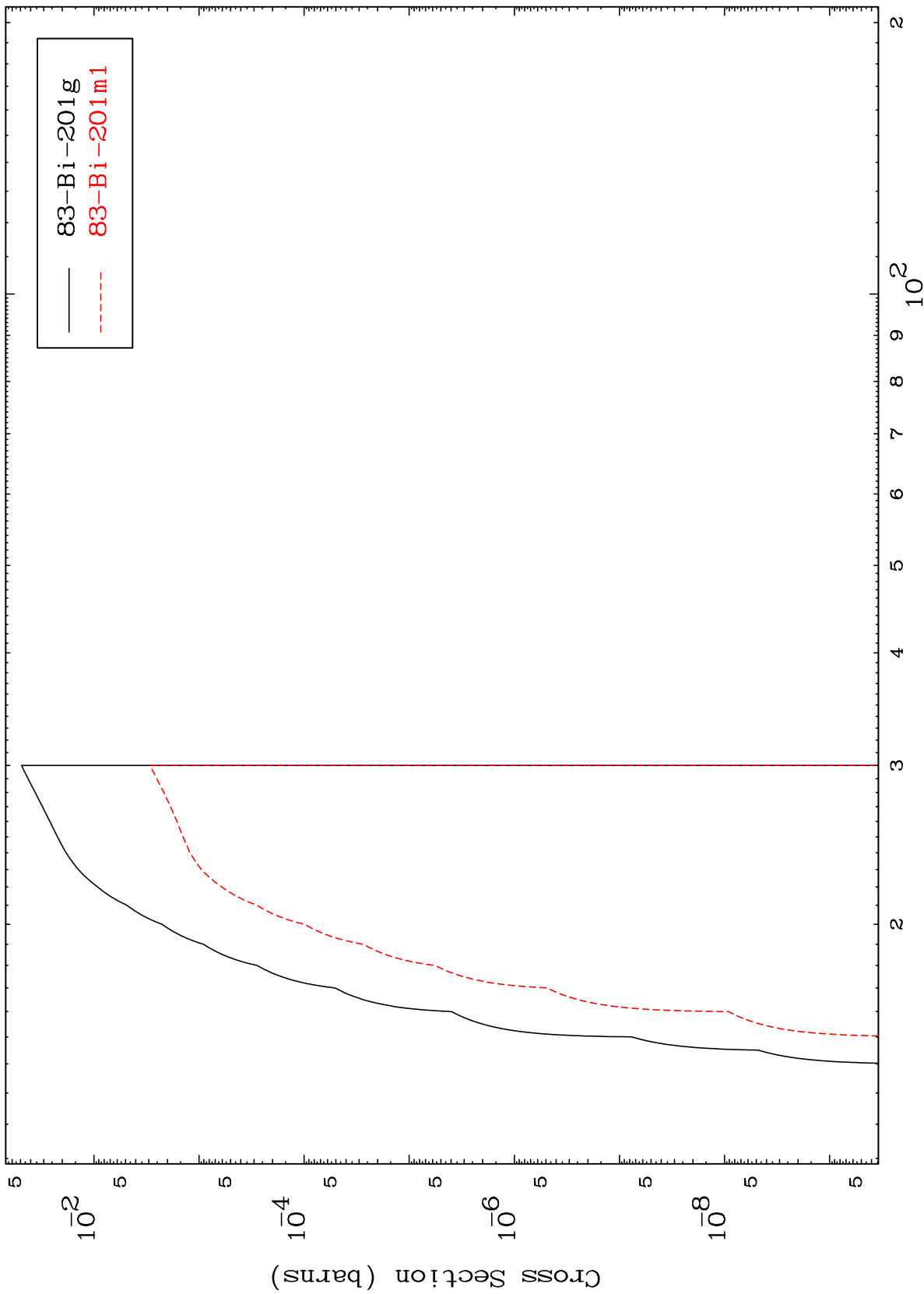


MAT 8416

(n,2n) p

84-Po-203

Radionuclide Production Cross Section



125

Incident Energy (MeV)

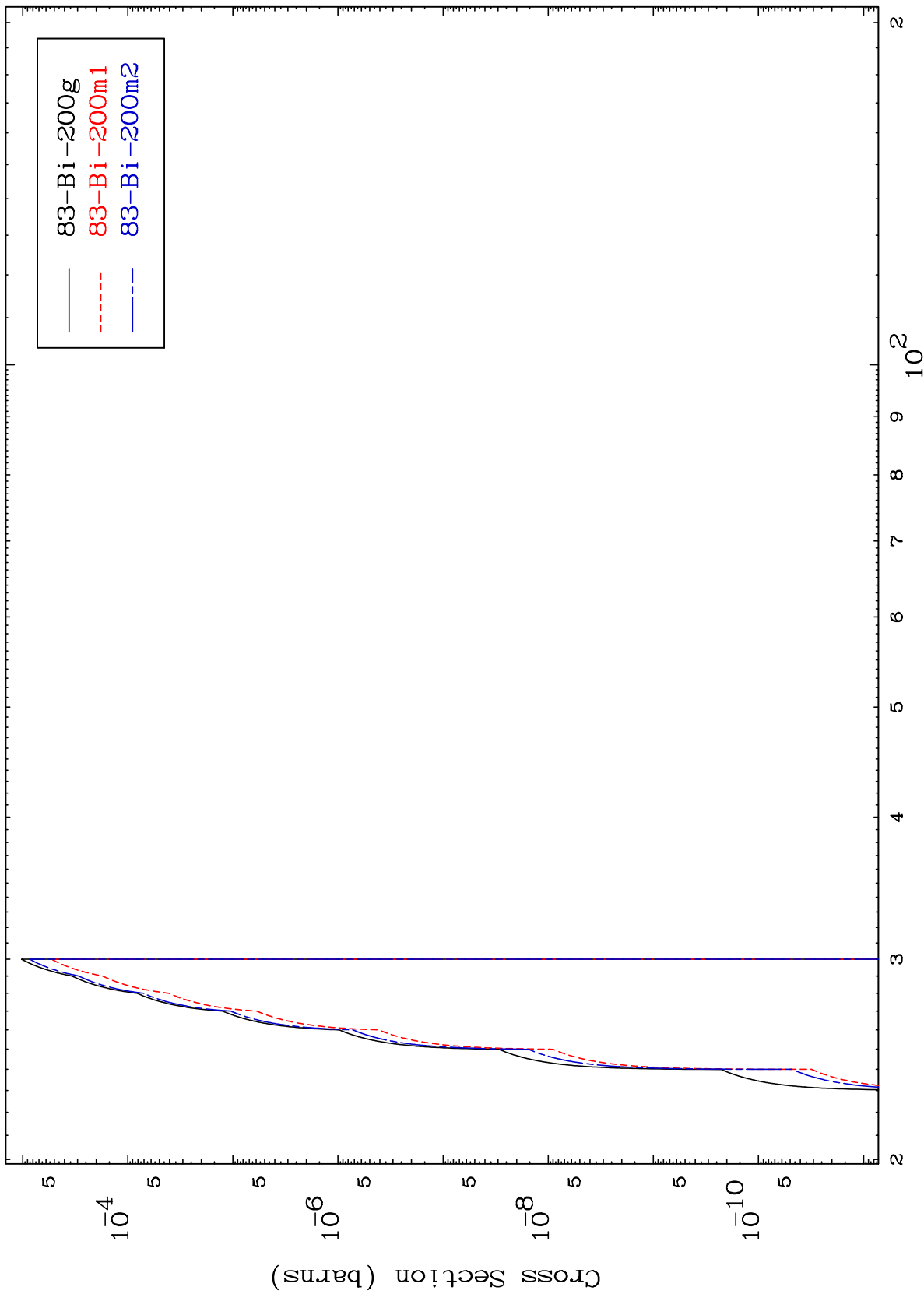
84-Po-203

MAT 8416

(n,3n) p

84-Po-203

Radionuclide Production Cross Section



126

Incident Energy (MeV)

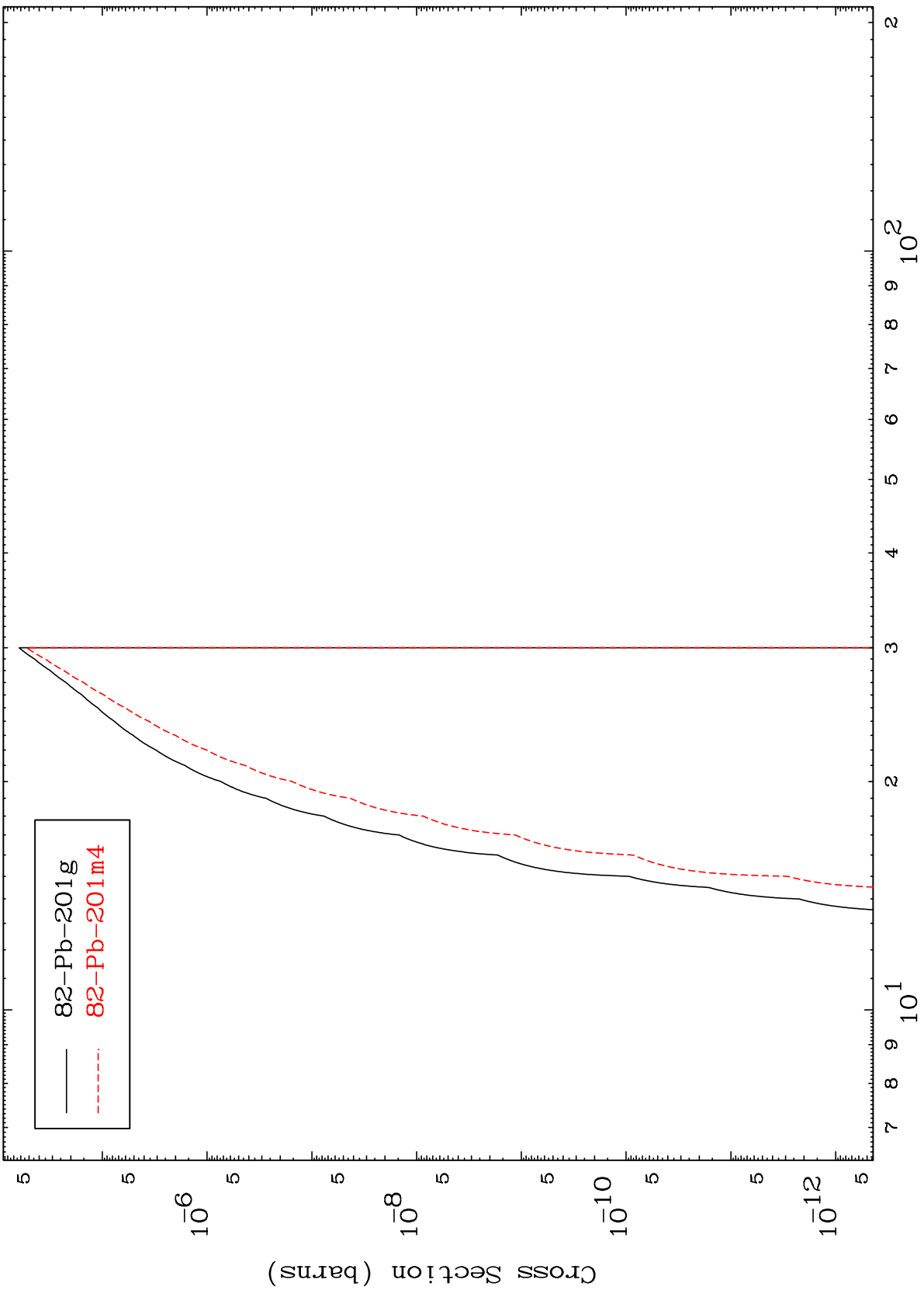
84-Po-203

MAT 8416

(n,2n) p

84-Po-203

Radionuclide Production Cross Section



82-Pb-201g
82-Pb-201m4

127

Incident Energy (MeV)

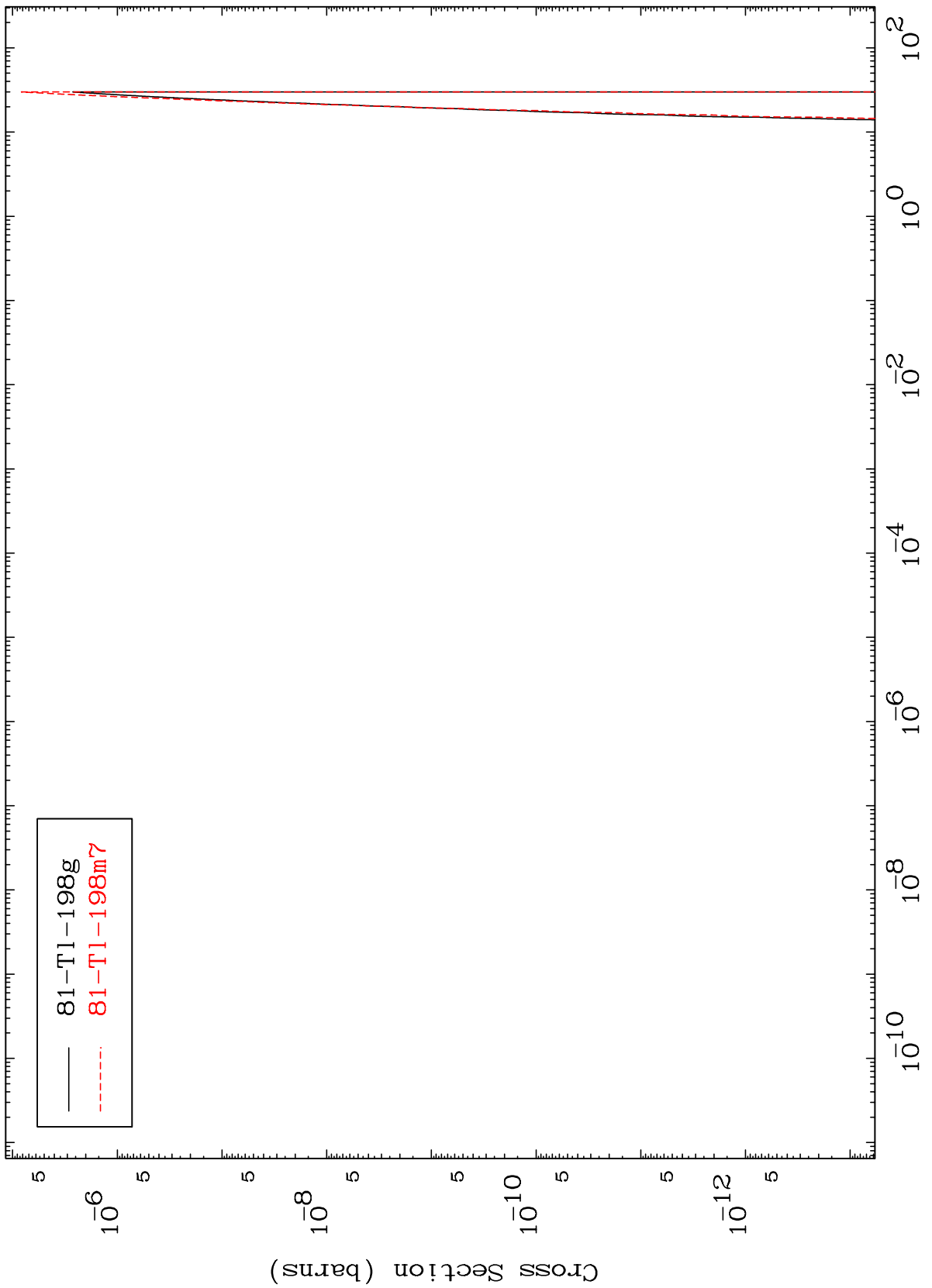
84-Po-203

MAT 8416

(n,n') p α

84-Po-203

Radionuclide Production Cross Section



128

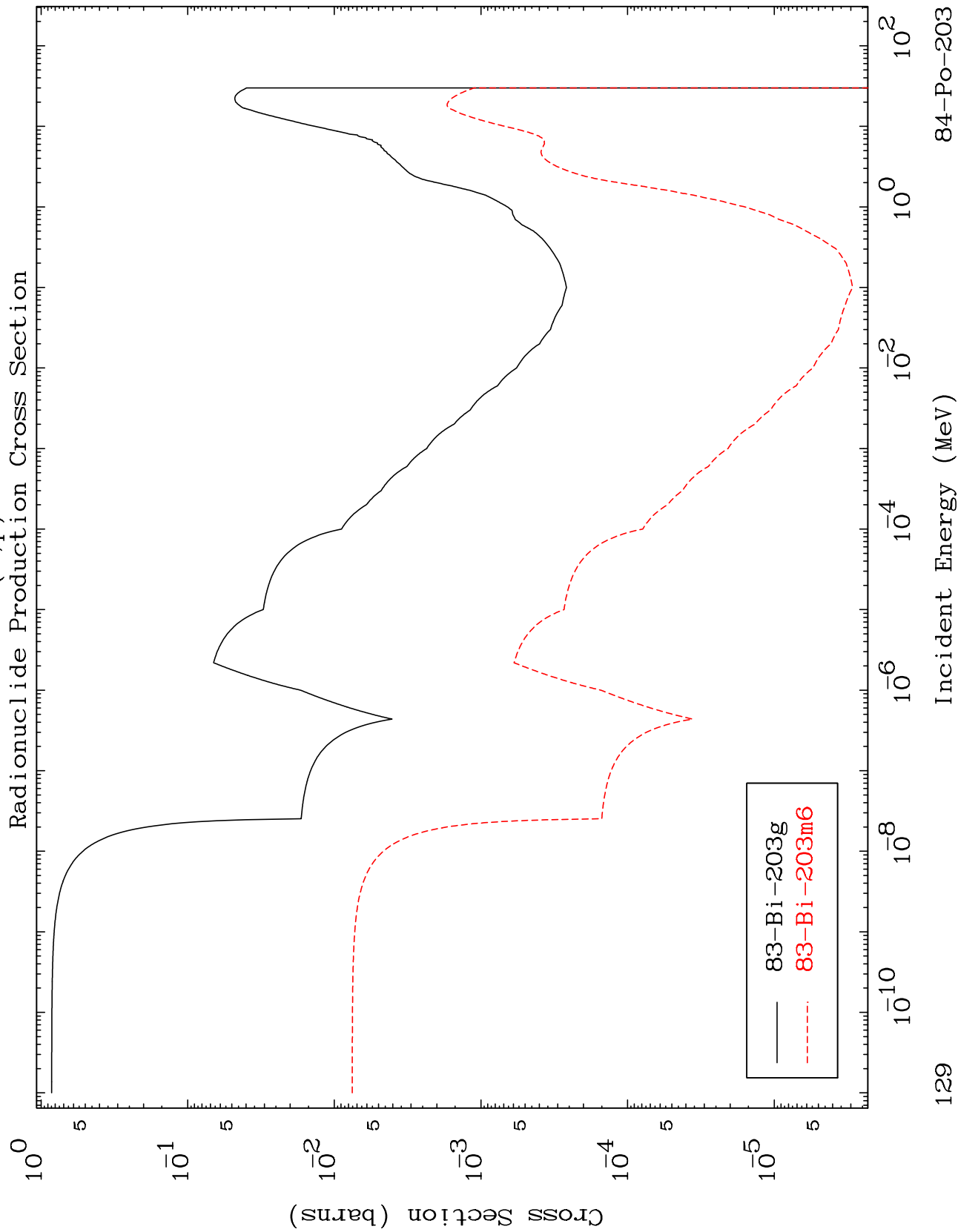
Incident Energy (MeV)

84-Po-203

MAT 8416

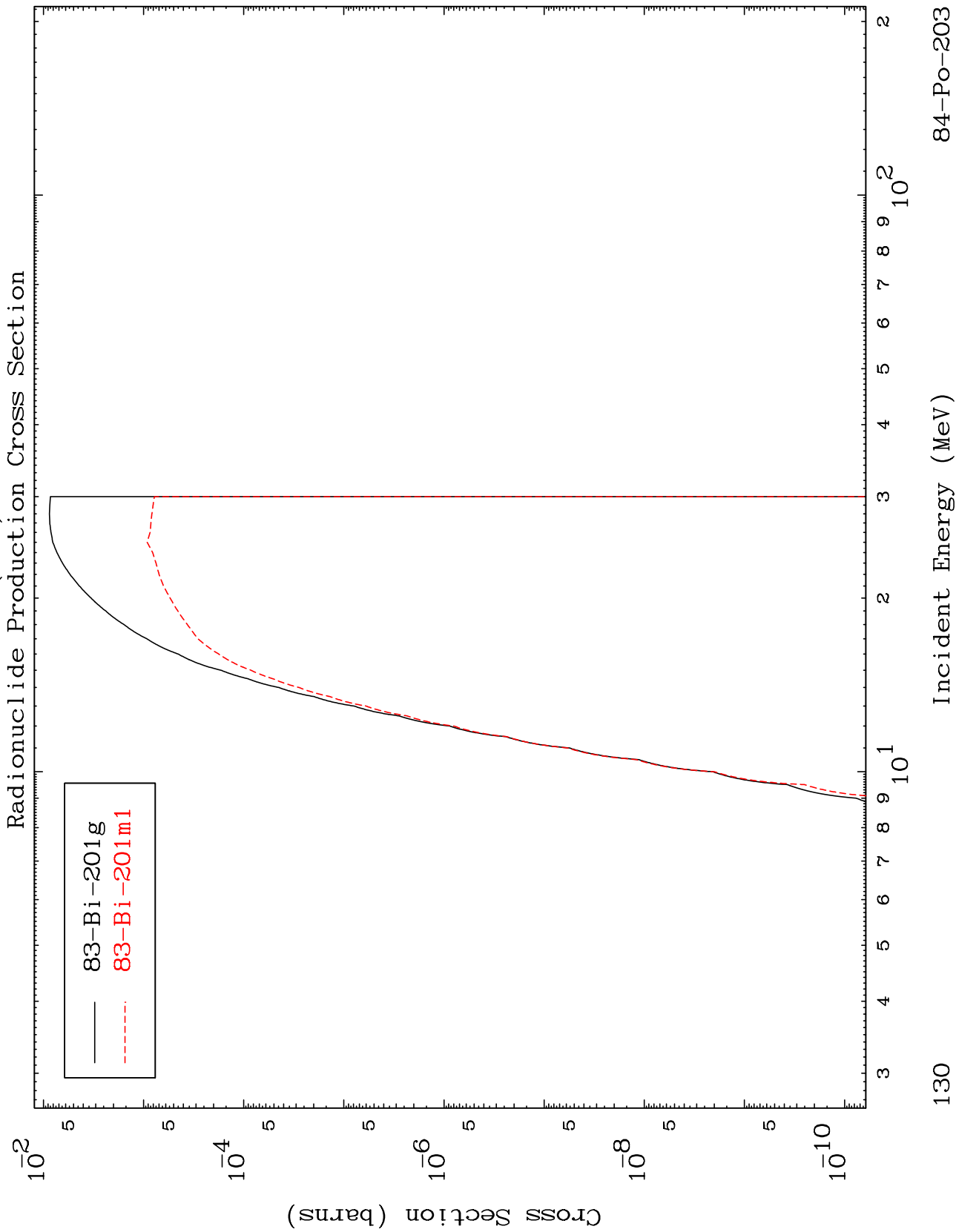
(n,p)

84-Po-203



MAT 8416

84-Po-203

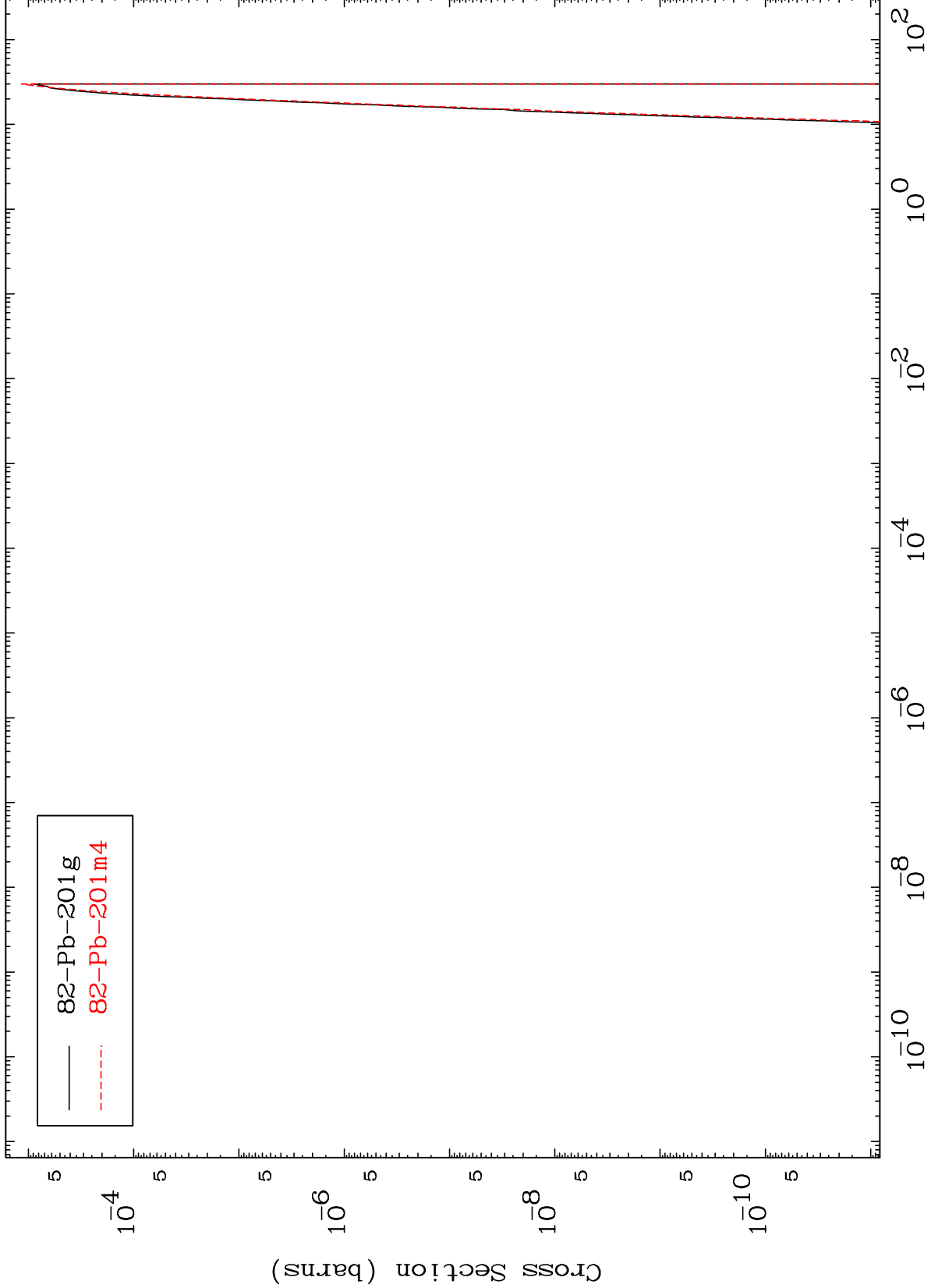


MAT 8416

(n,He-3)

84-Po-203

Radionuclide Production Cross Section



— 82-Pb-201g
- - - 82-Pb-201m4

131

Incident Energy (MeV)

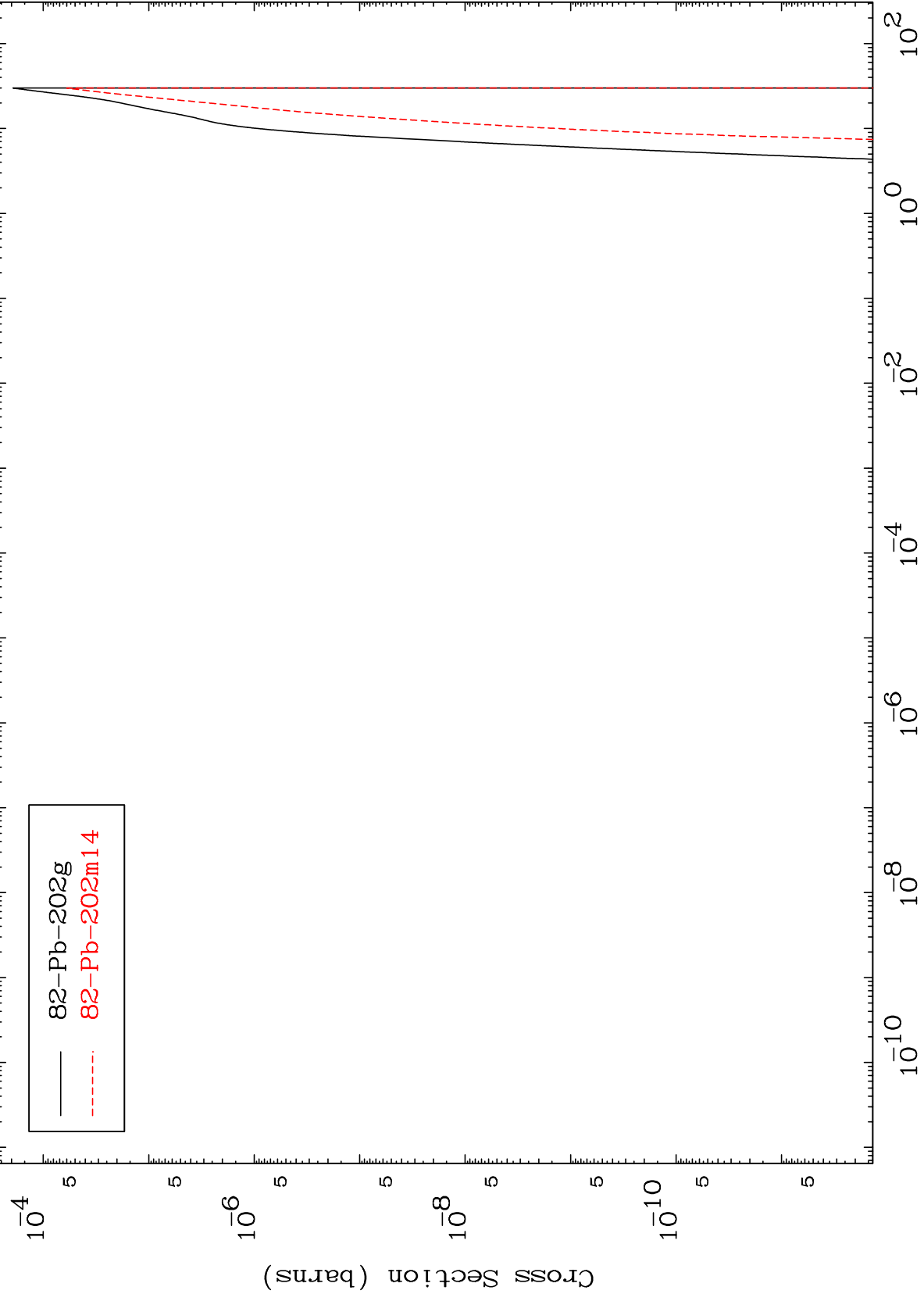
84-Po-203

MAT 8416

(n,2p)

84-Po-203

Radionuclide Production Cross Section

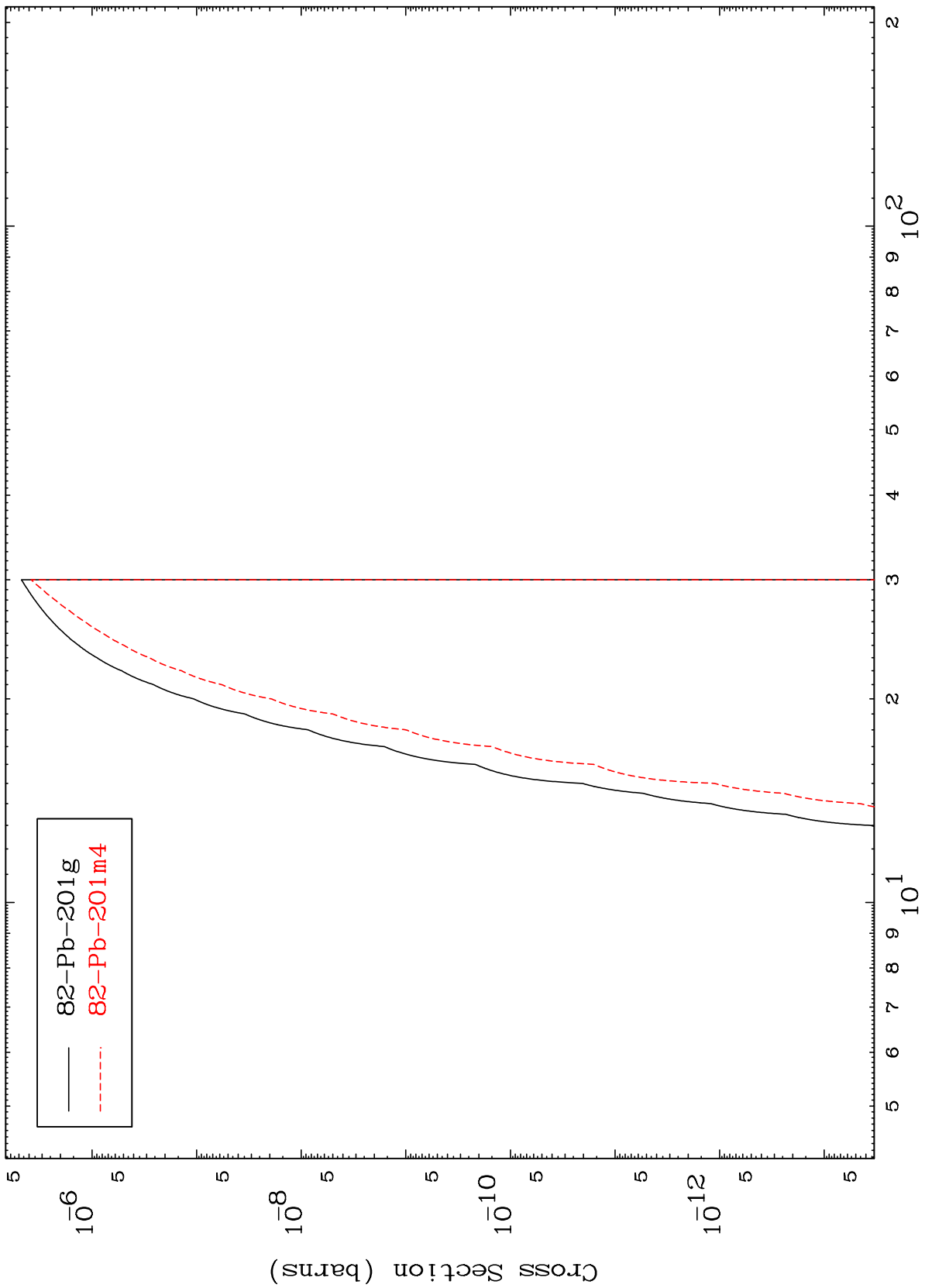


MAT 8416

(n,p) d

84-Po-203

Radionuclide Production Cross Section



133

Incident Energy (MeV)

84-Po-203

MAT 8416

(n,d) α

84-Po-203

Radionuclide Production Cross Section

