

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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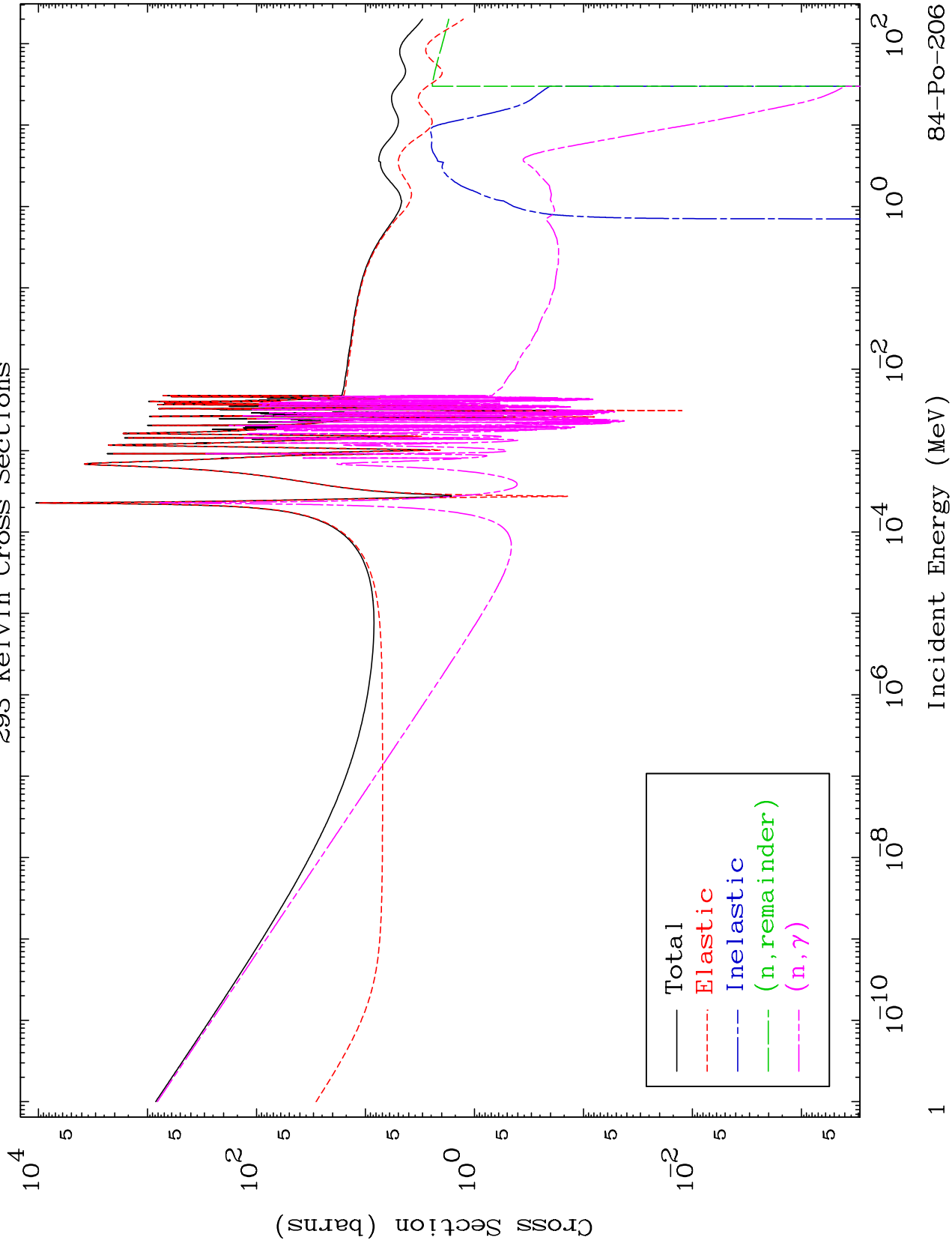
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8425

Major  
293 Kelvin Cross Sections

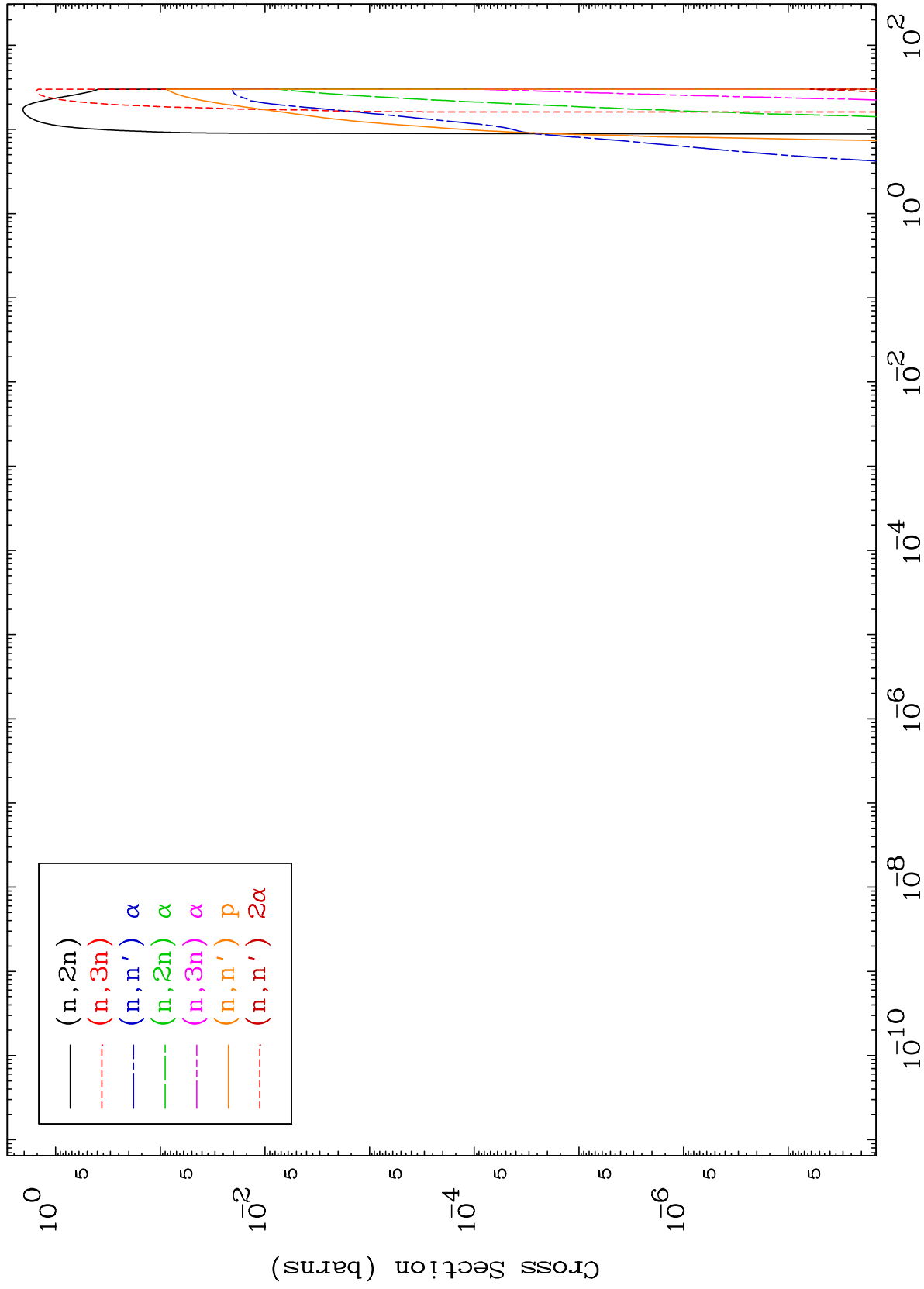
84-Po-206



MAT 8425

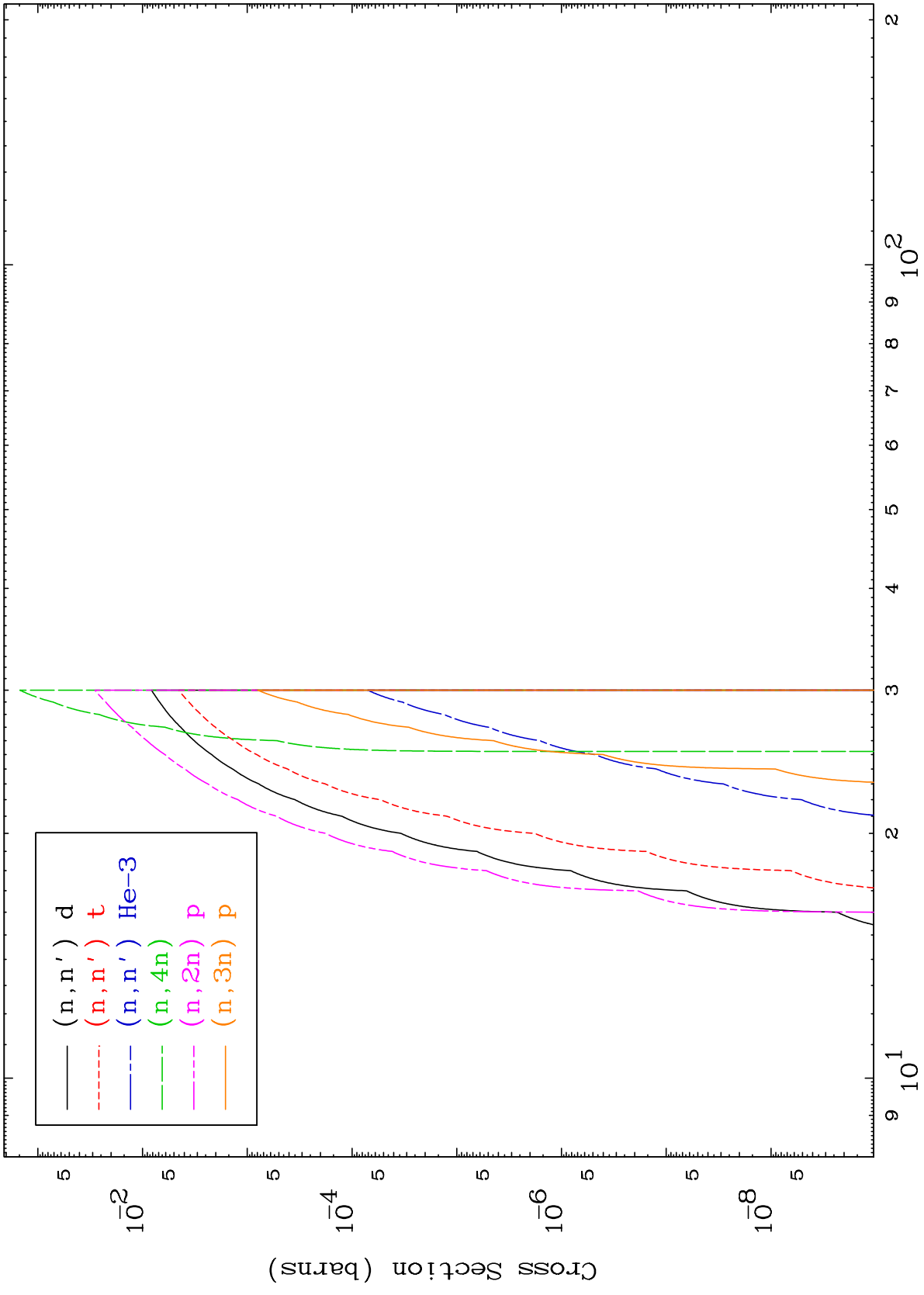
Neutron Production  
293 Kelvin Cross Sections

84-Po-206



2

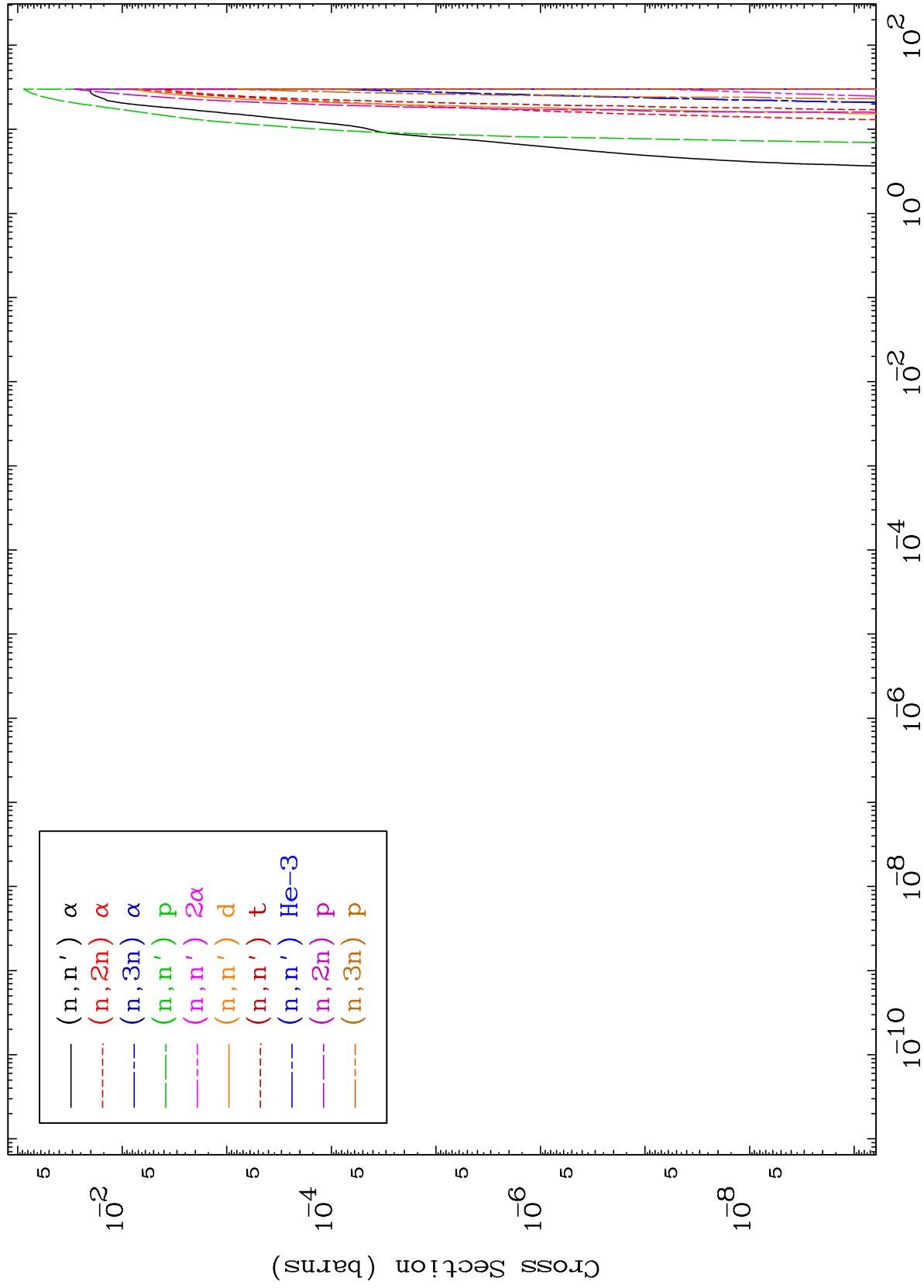
84-Po-206



MAT 8425

293 Charged Particle  
Kelvin Cross Sections

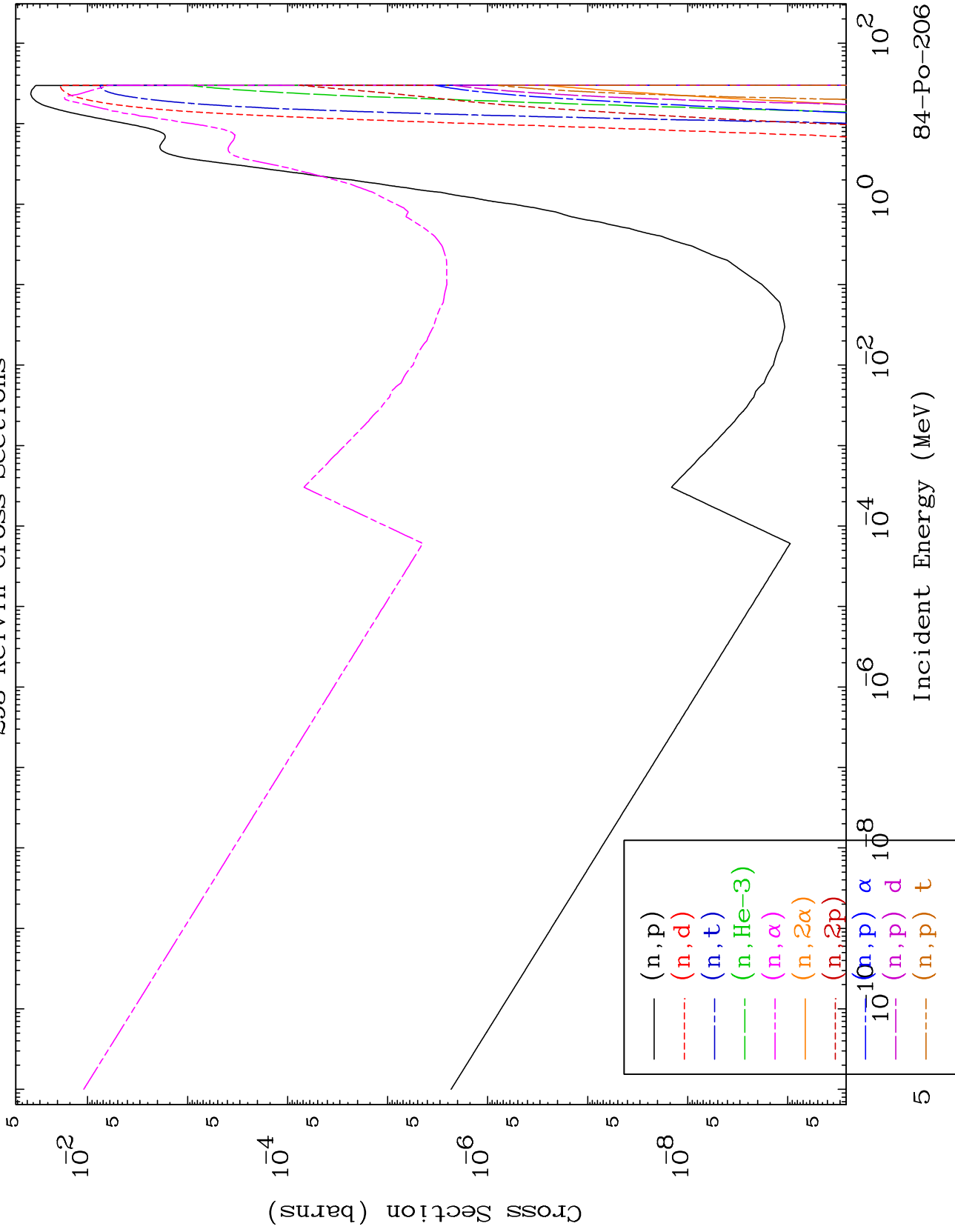
84-Po-206



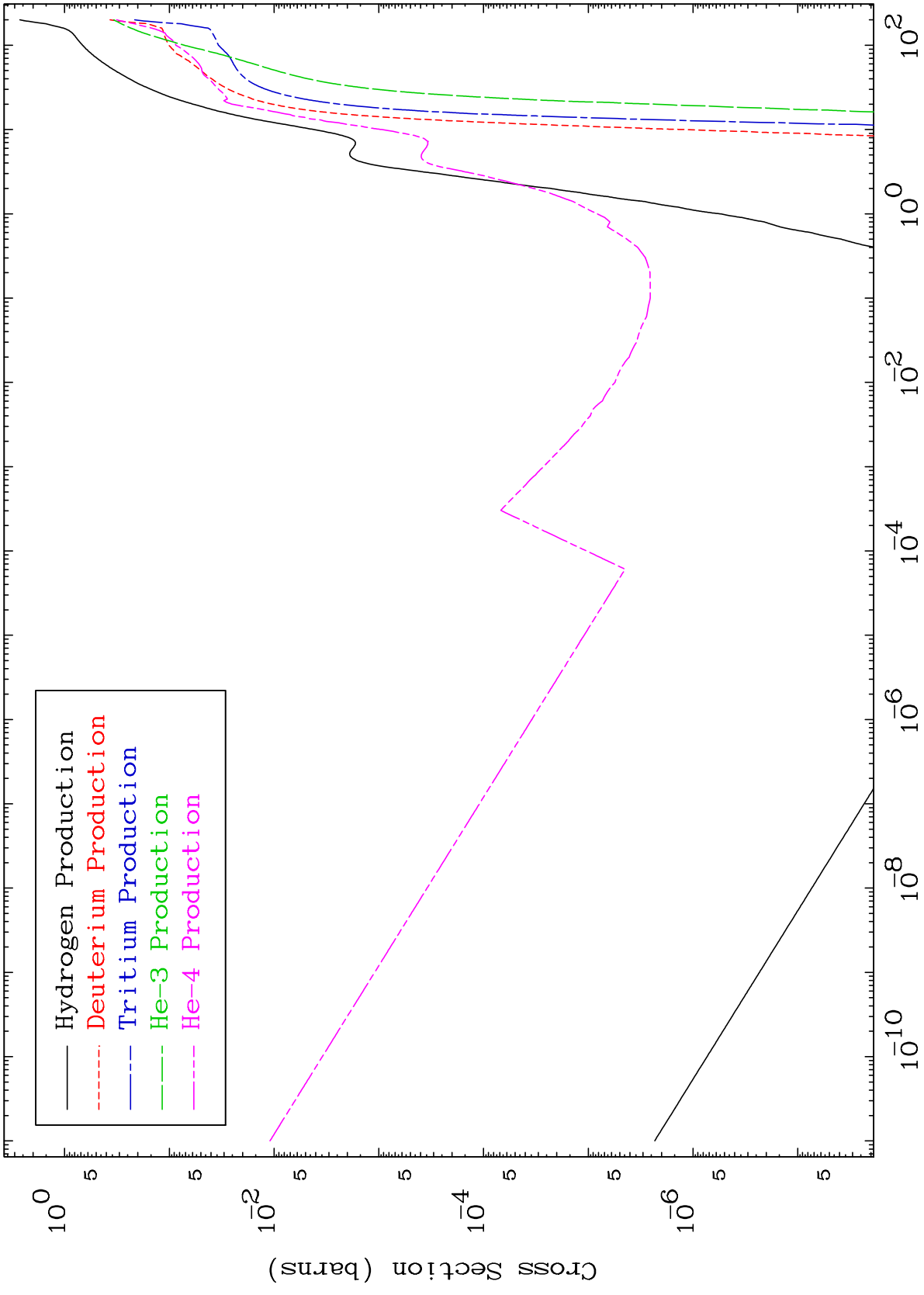
MAT 8425

293 Kelvin Cross Sections

84-Po-206



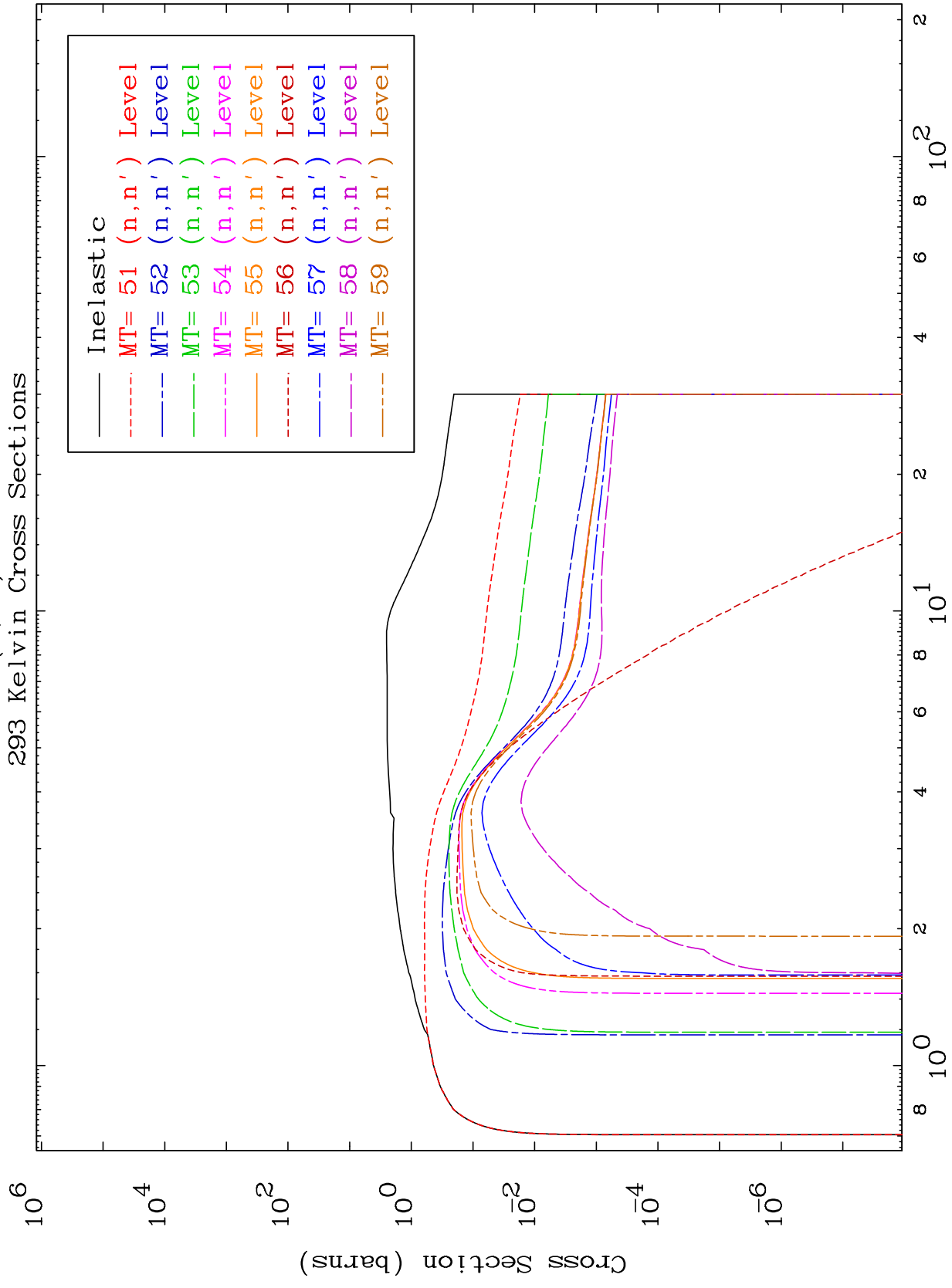
84-Po-206



MAT 8425

(n,n') Level

84-Po-206



7

Incident Energy (MeV)

84-Po-206

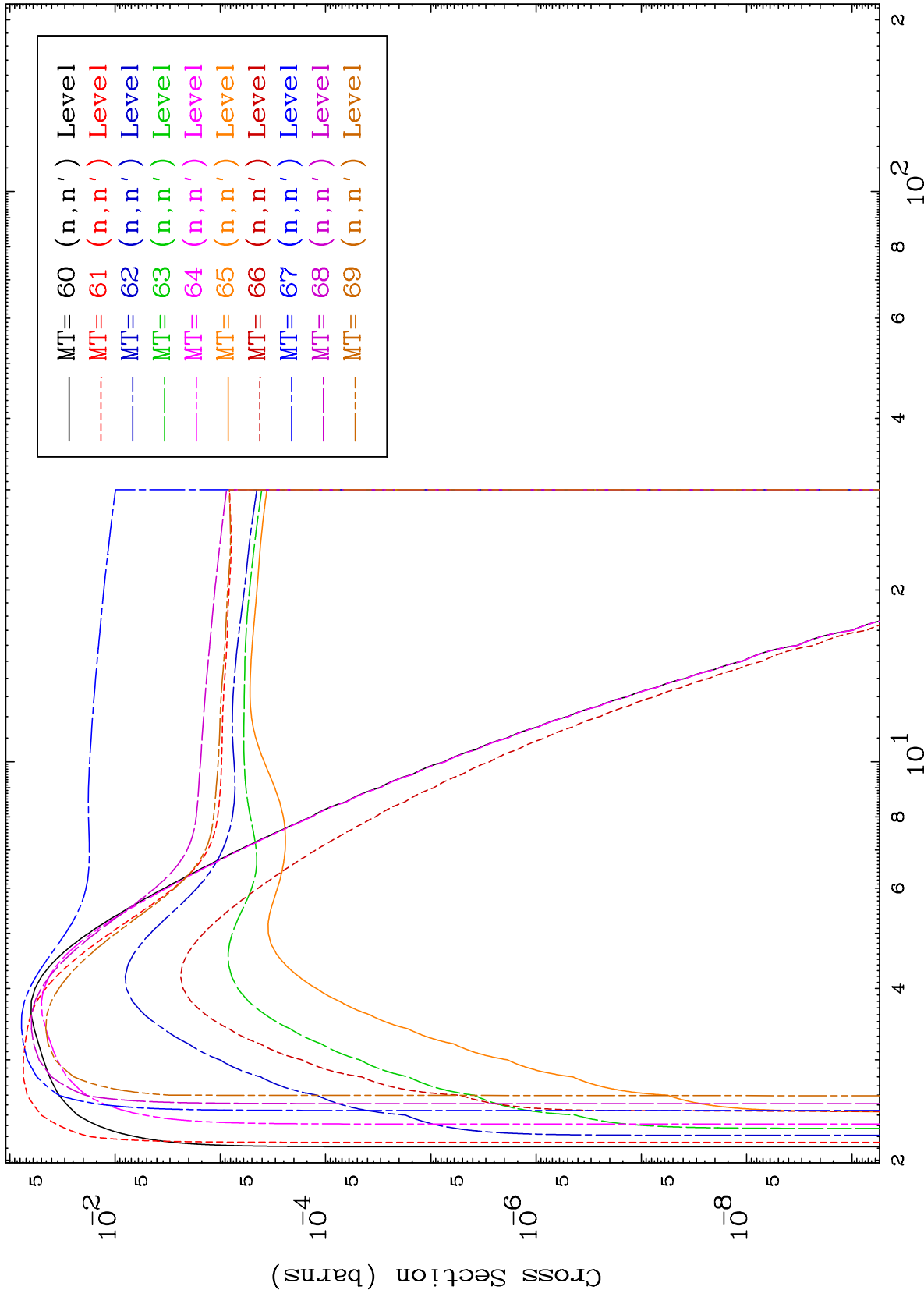


MAT 8425

(n,n') Level

84-Po-206

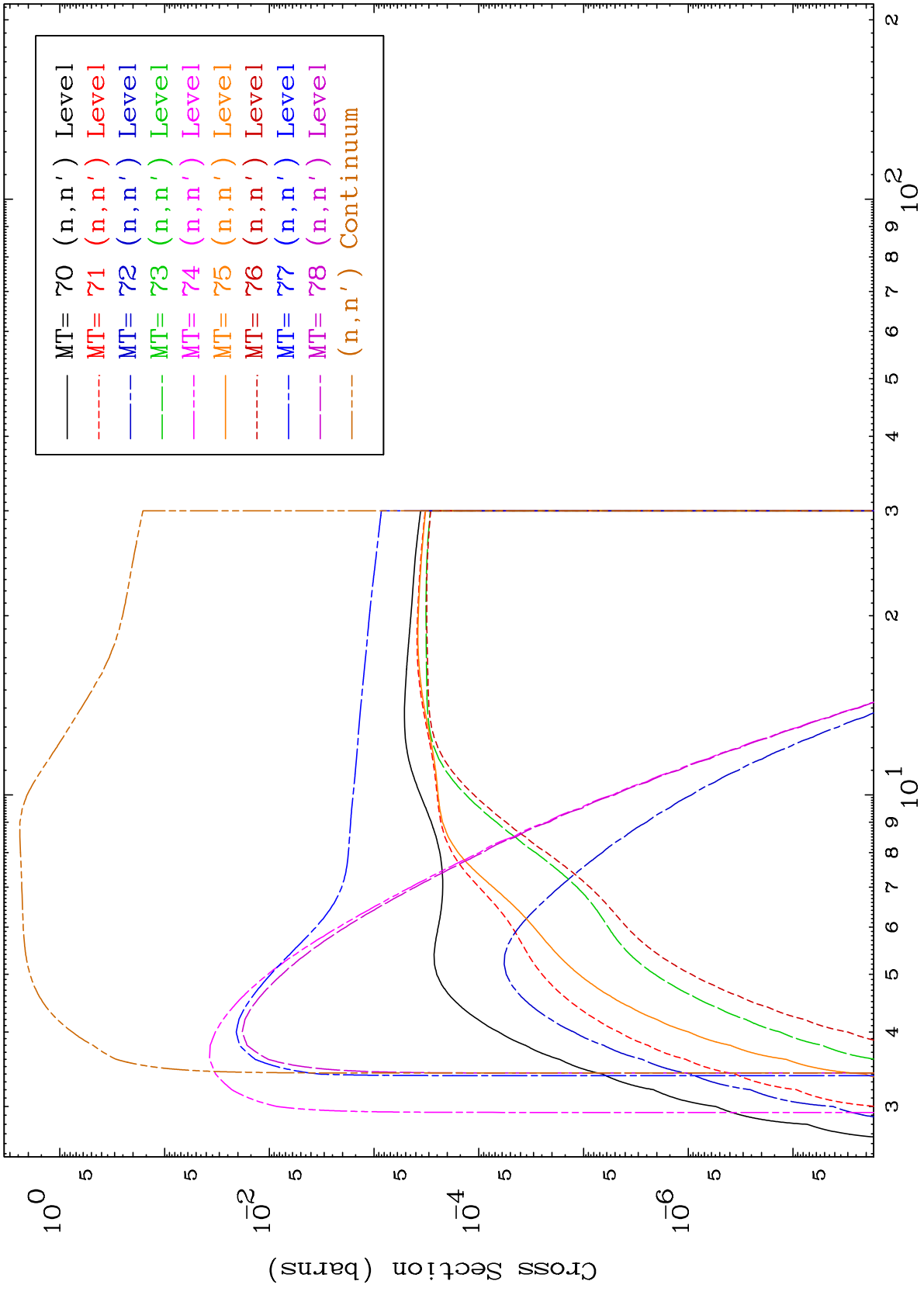
293 Kelvin Cross Sections



8

Incident Energy (MeV)

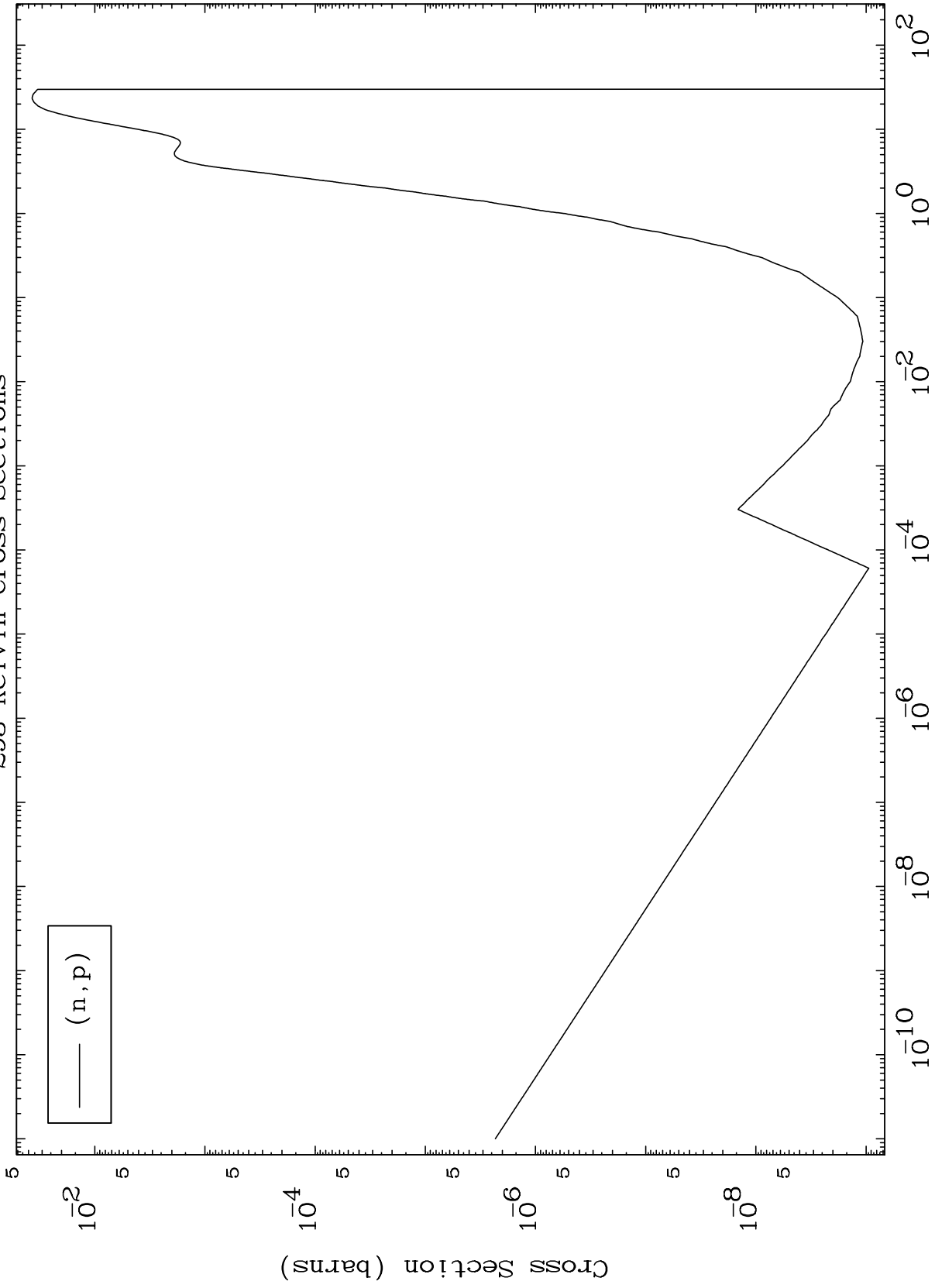
84-Po-206



MAT 8425

(n,p) Levels  
293 Kelvin Cross Sections

84-Po-206



10

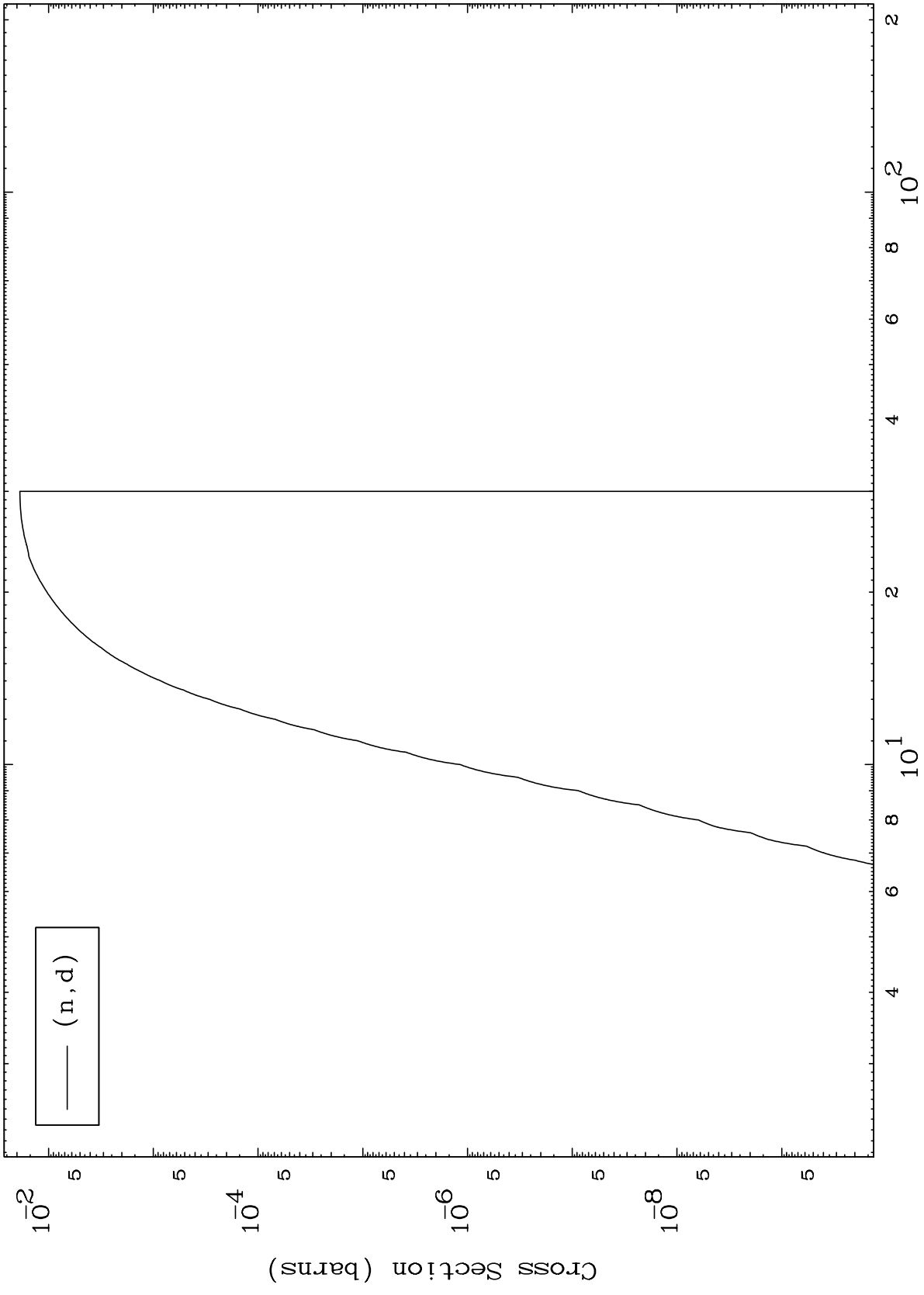
Incident Energy (MeV)

84-Po-206

MAT 8425

(n,d) Levels  
293 Kelvin Cross Sections

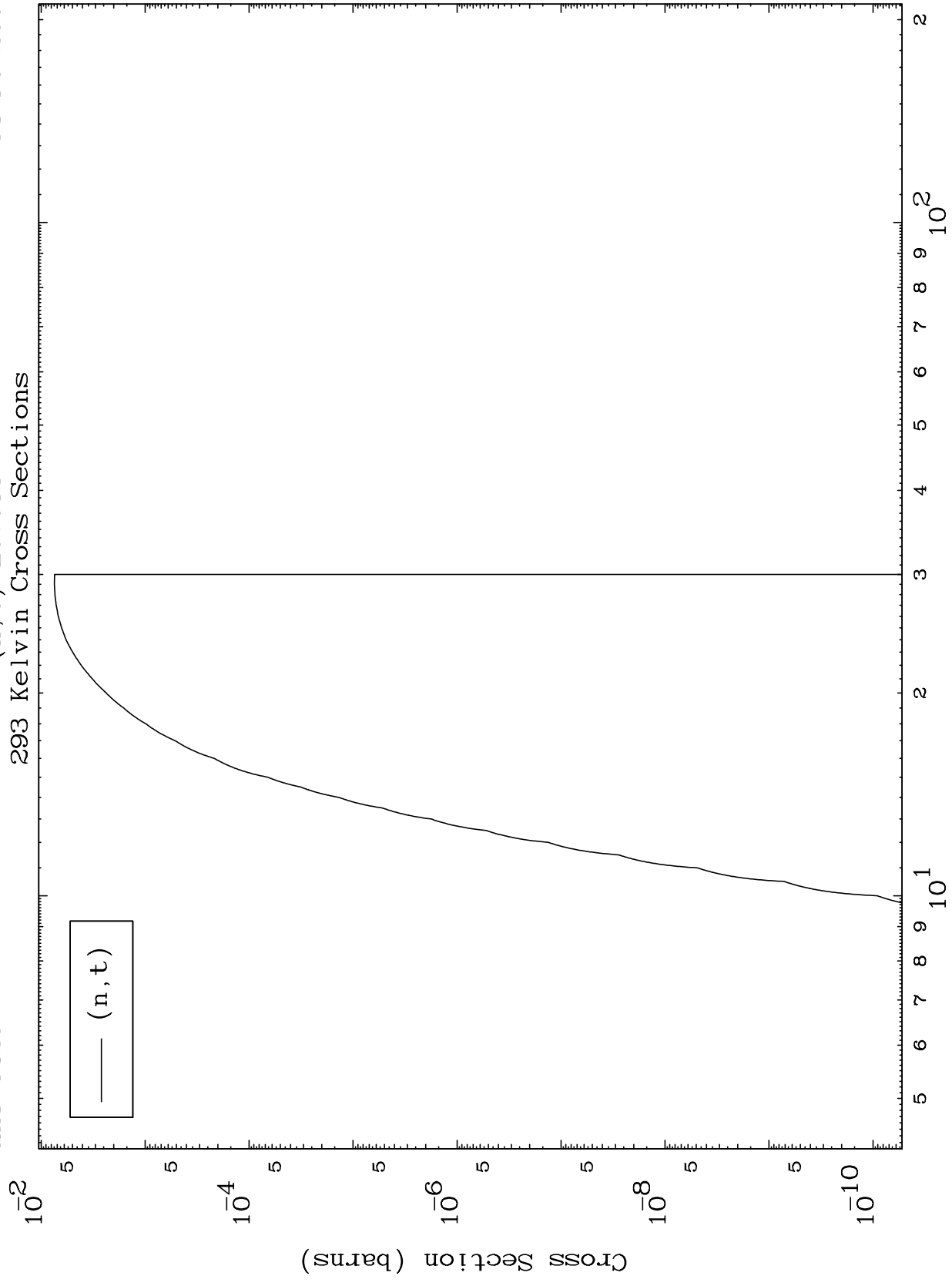
84-Po-206



MAT 8425

(n,t) Levels  
293 Kelvin Cross Sections

84-Po-206



(n,t)

12

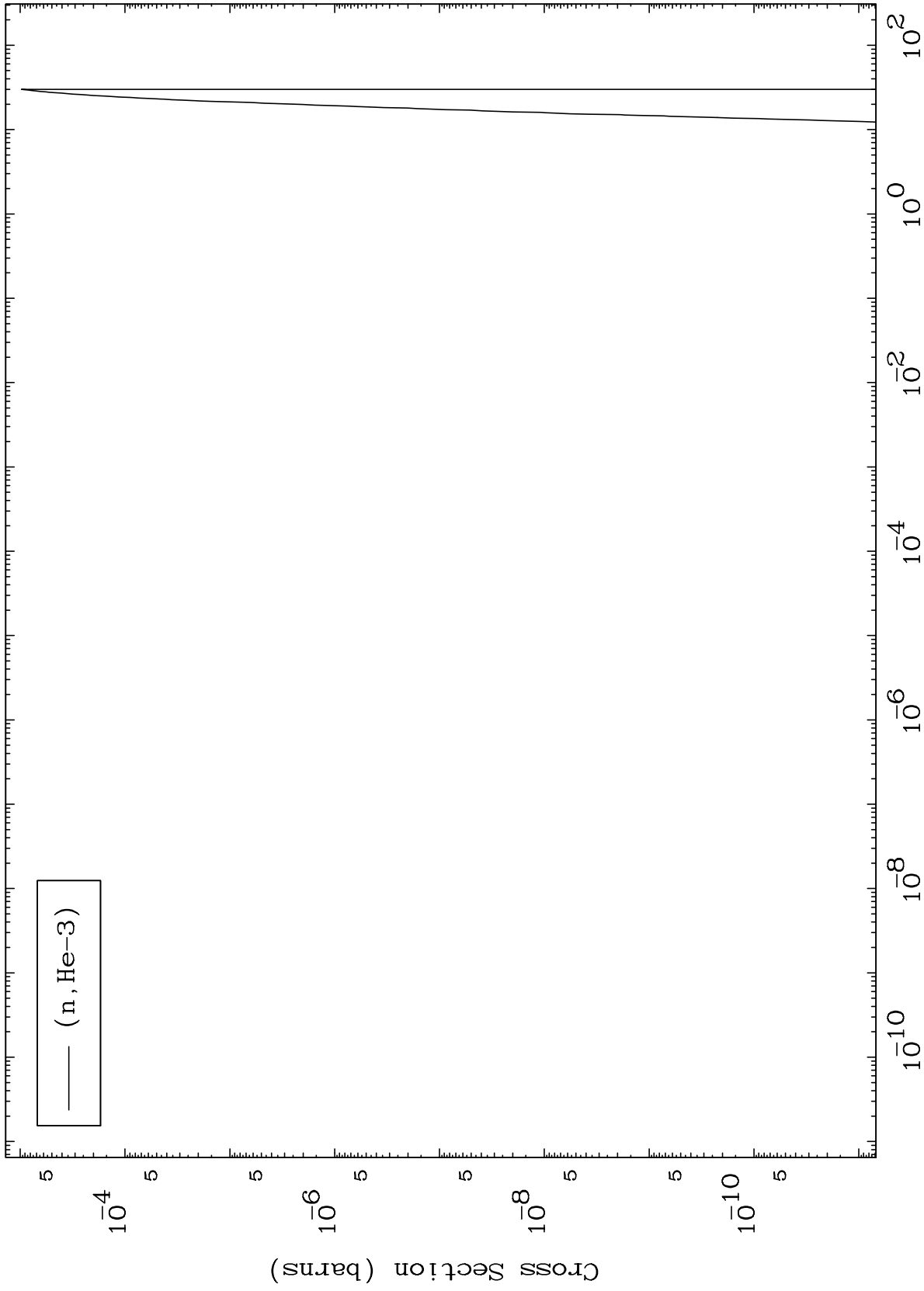
Incident Energy (MeV)

84-Po-206

MAT 8425

(n,He3) Levels  
293 Kelvin Cross Sections

84-Po-206



13

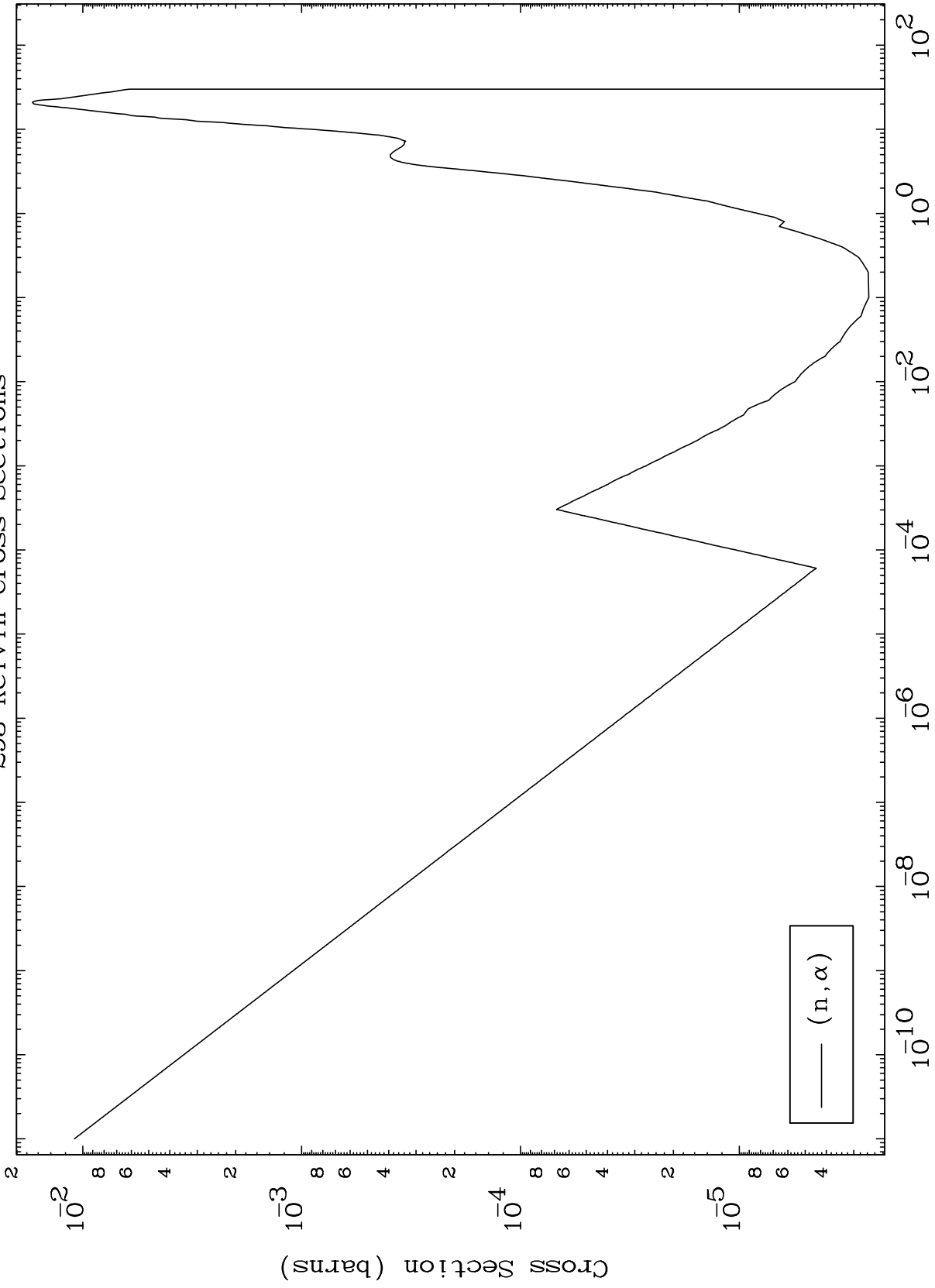
Incident Energy (MeV)

84-Po-206

MAT 8425

(n,α) Levels  
293 Kelvin Cross Sections

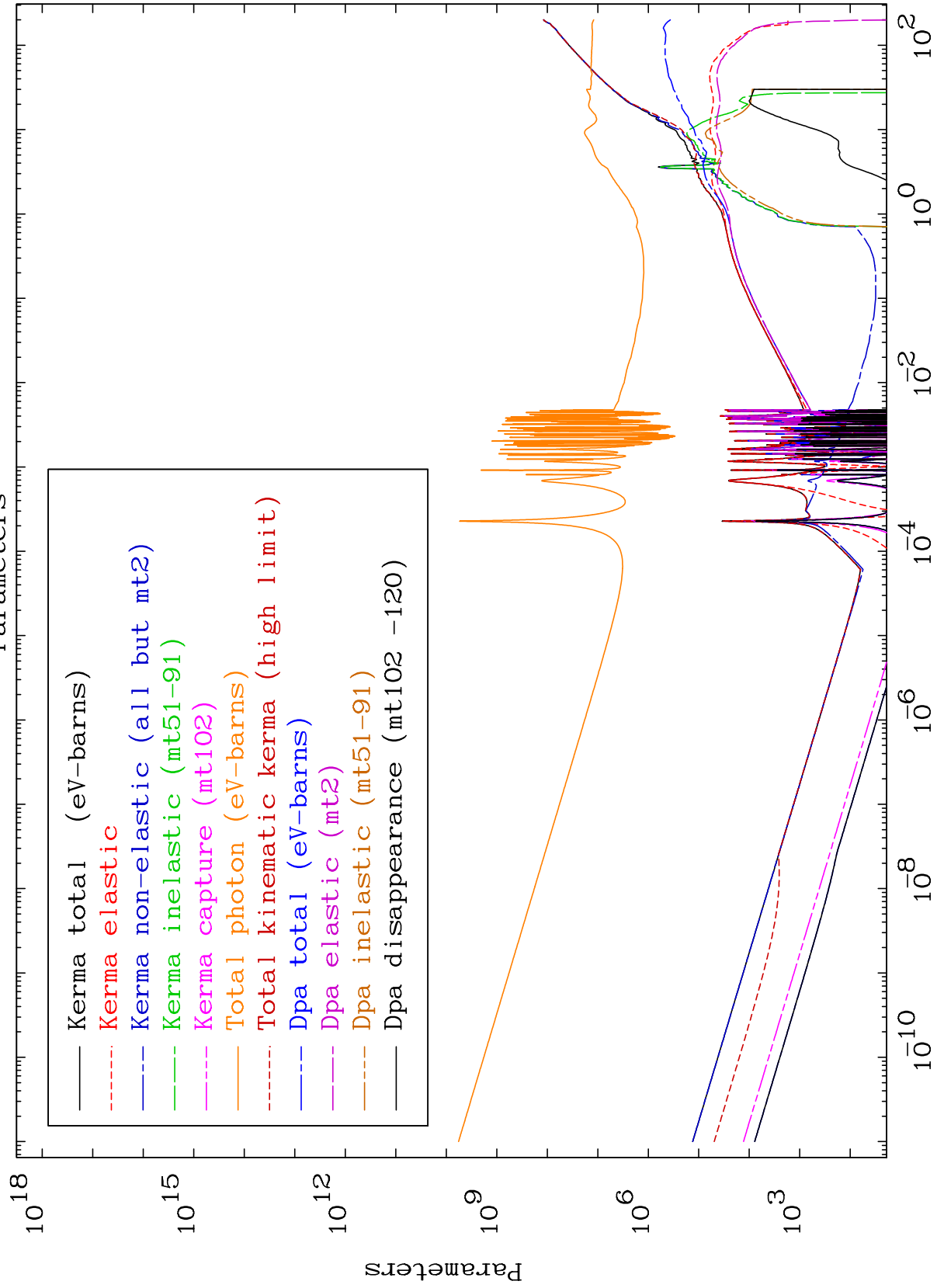
84-Po-206



14

Incident Energy (MeV)

84-Po-206

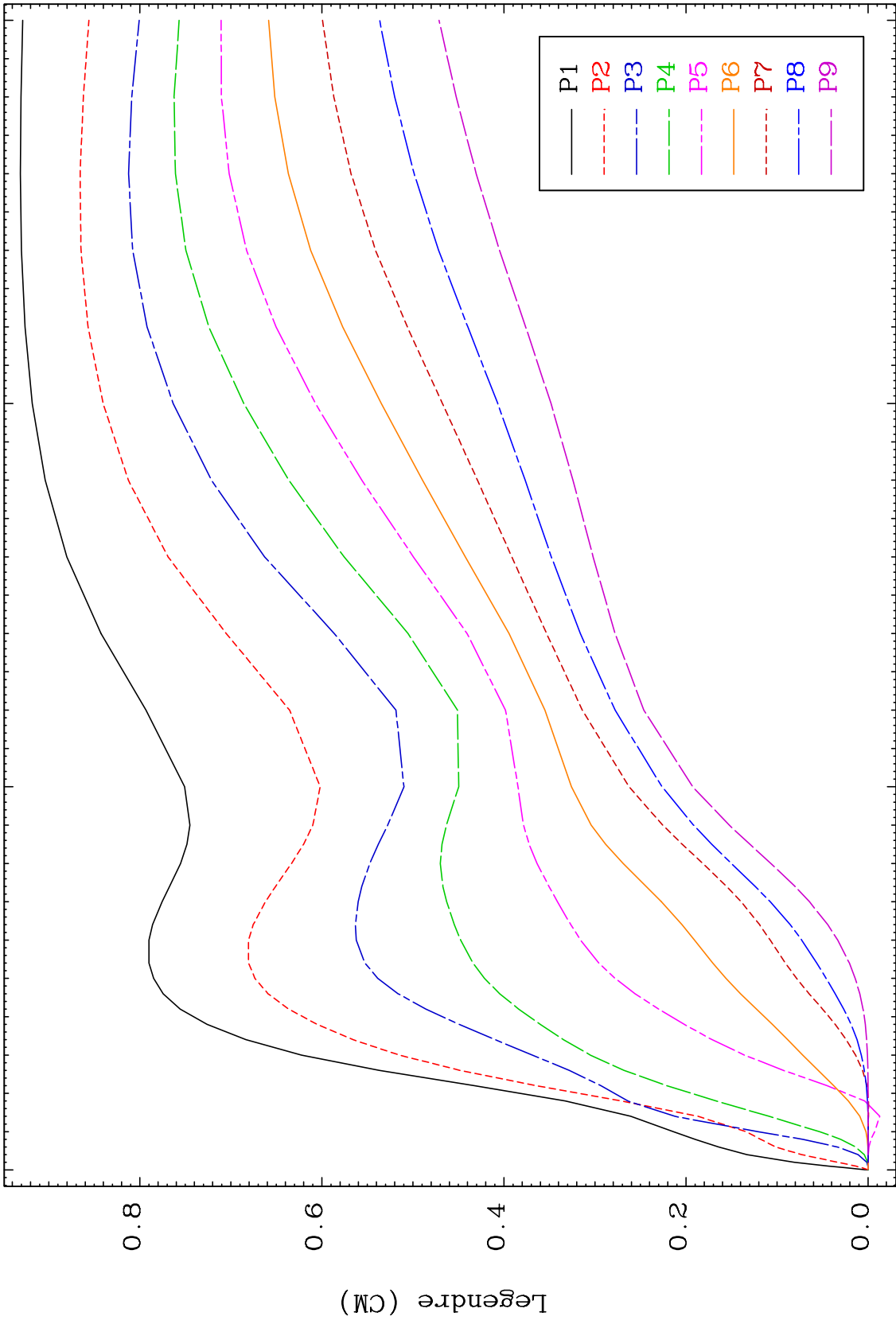




MAT 8425

Elastic Legendre Coefficients

84-Po-206



0

0.0

0.2

0.4

0.6

0.8

84-Po-206

0

10

20

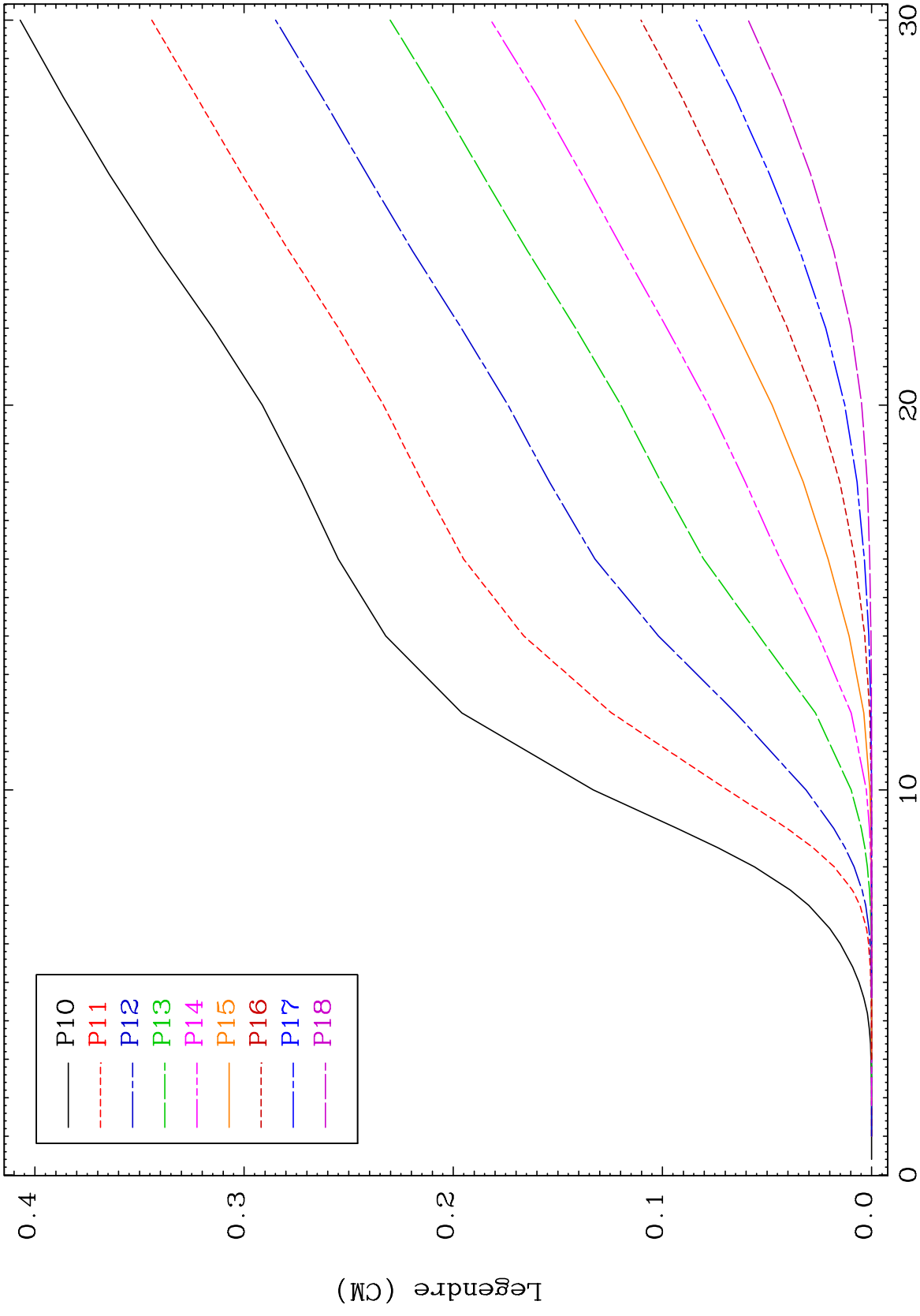
30

Incident Energy (MeV)

MAT 8425

Elastic Legendre Coefficients

84-Po-206



17

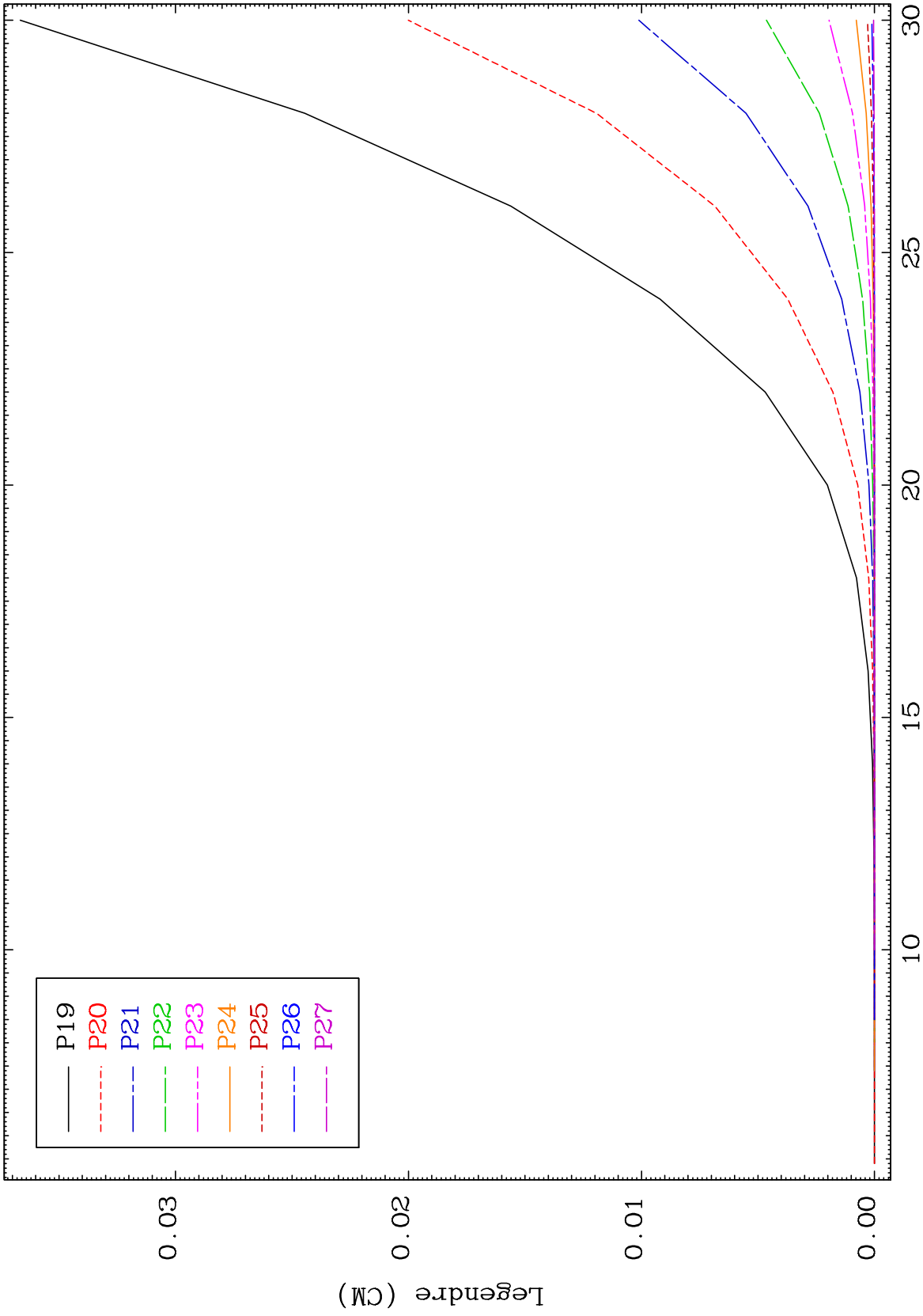
Incident Energy (MeV)

84-Po-206

MAT 8425

Elastic Legendre Coefficients

84-Po-206



18

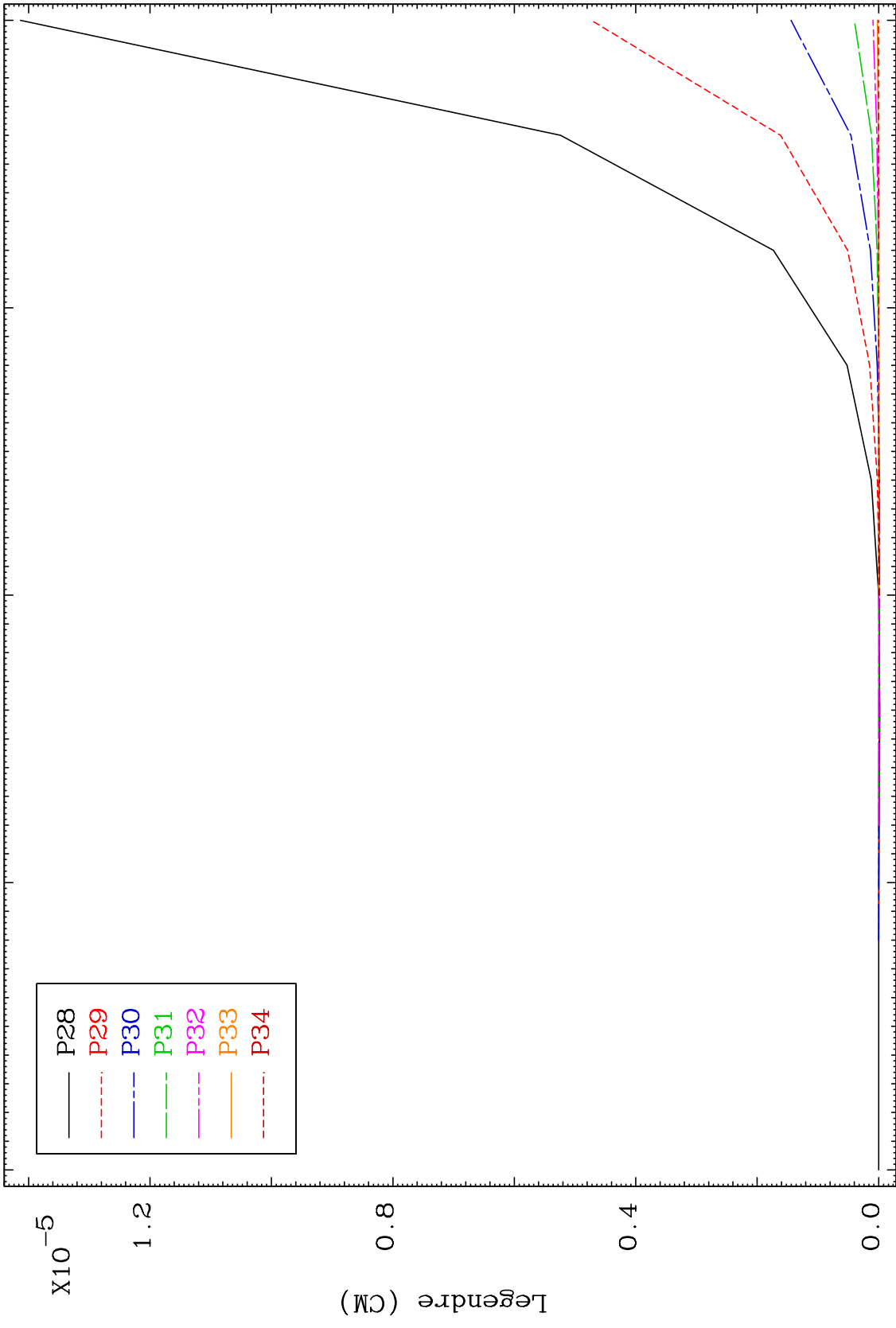
Incident Energy (MeV)

84-Po-206

MAT 8425

Elastic Legendre Coefficients

84-Po-206



19

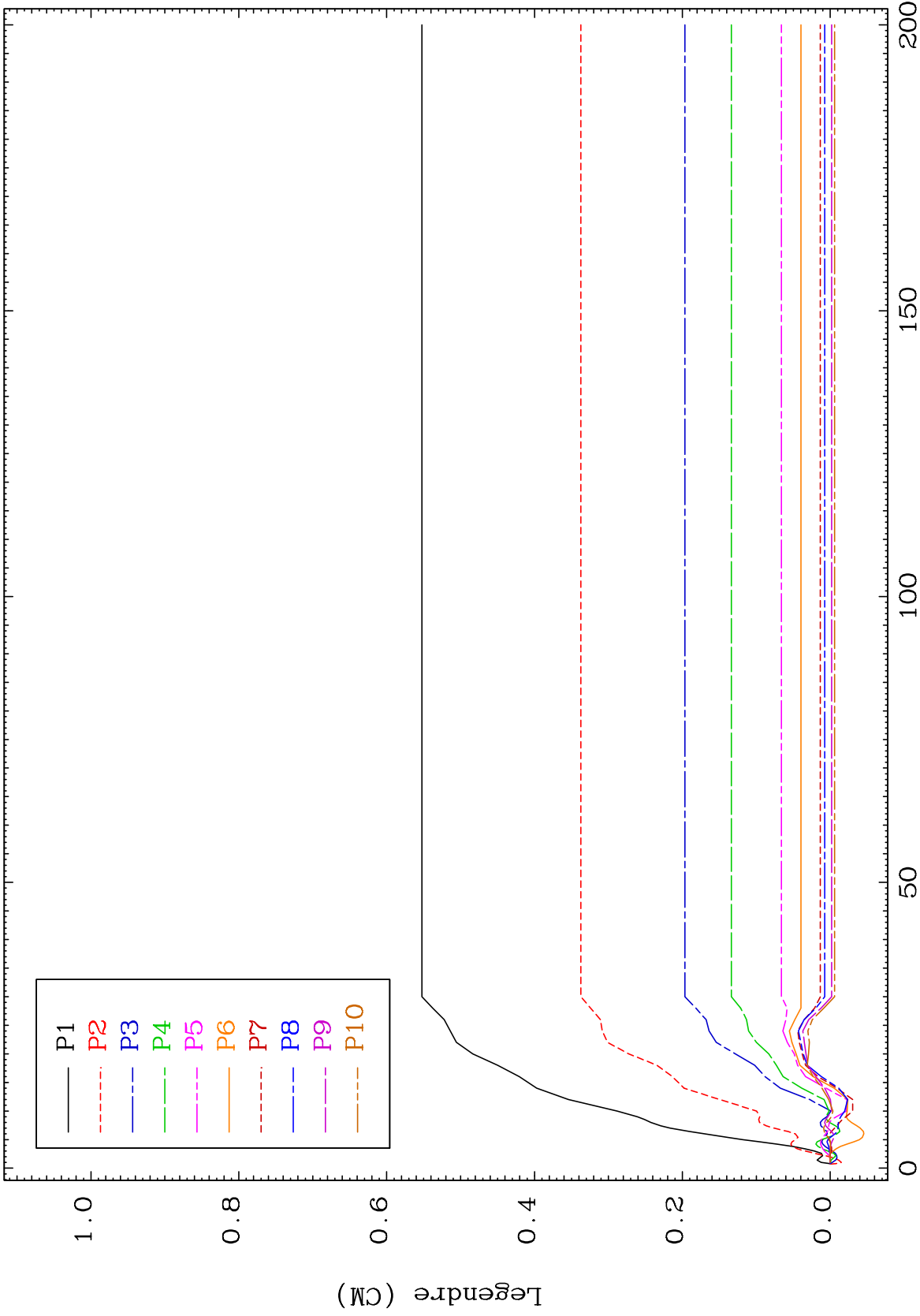
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



0

50

100

150

200

Incident Energy (MeV)

84-Po-206

1.0

0.8

0.6

Legendre (CM)

P1

P2

P3

P4

P5

P6

P7

P8

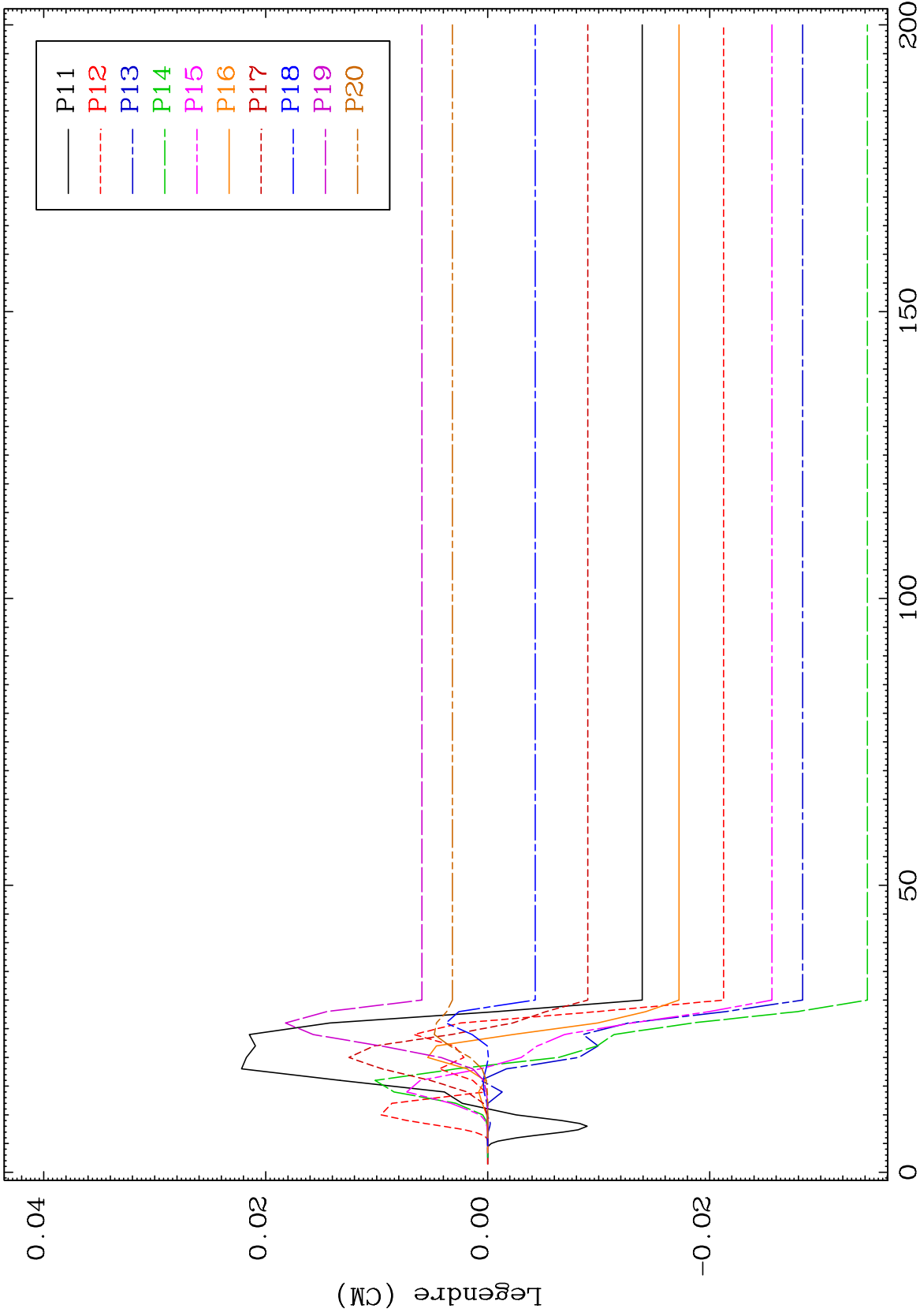
P9

P10

MAT 8425

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

84-Po-206



21

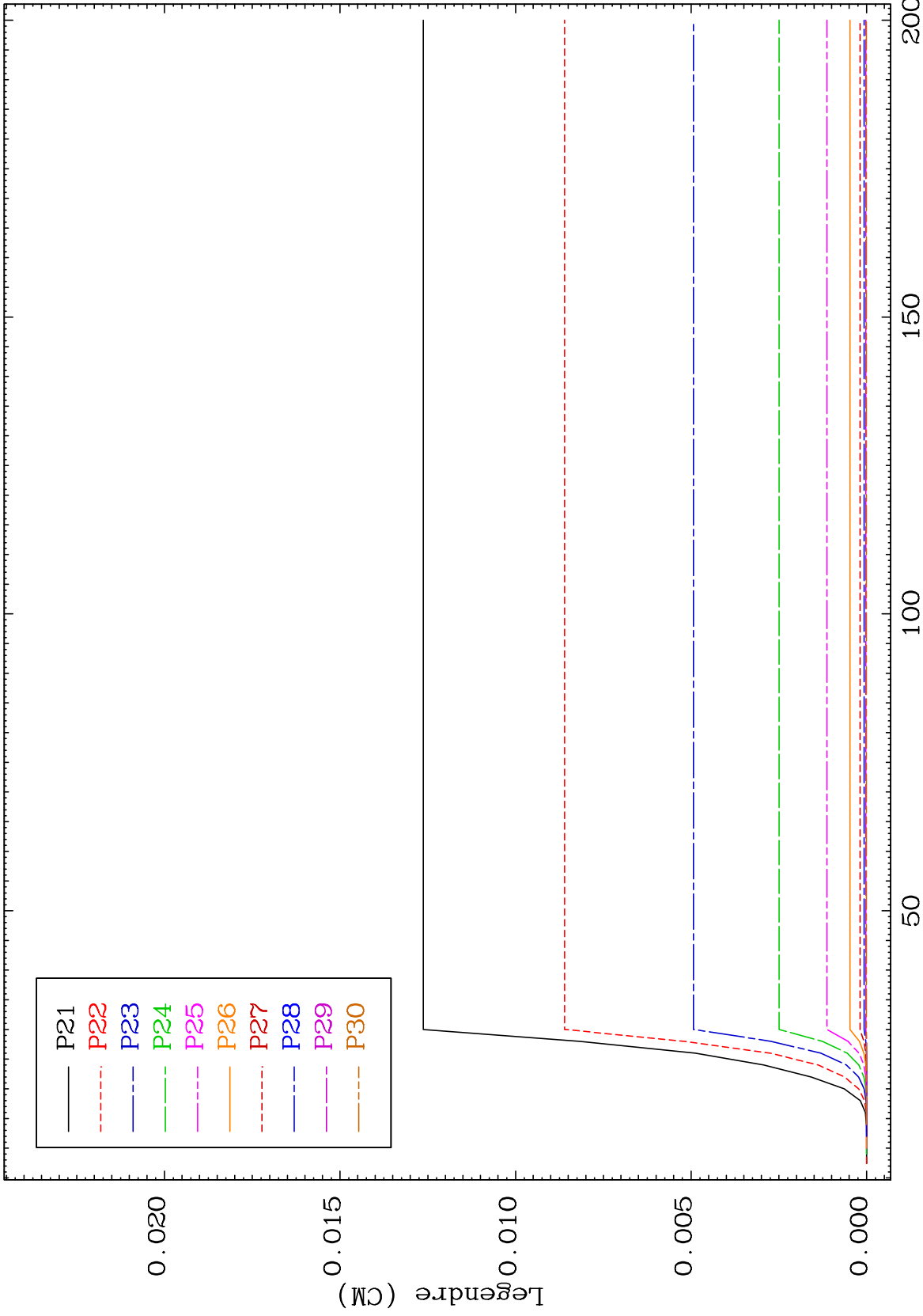
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



22

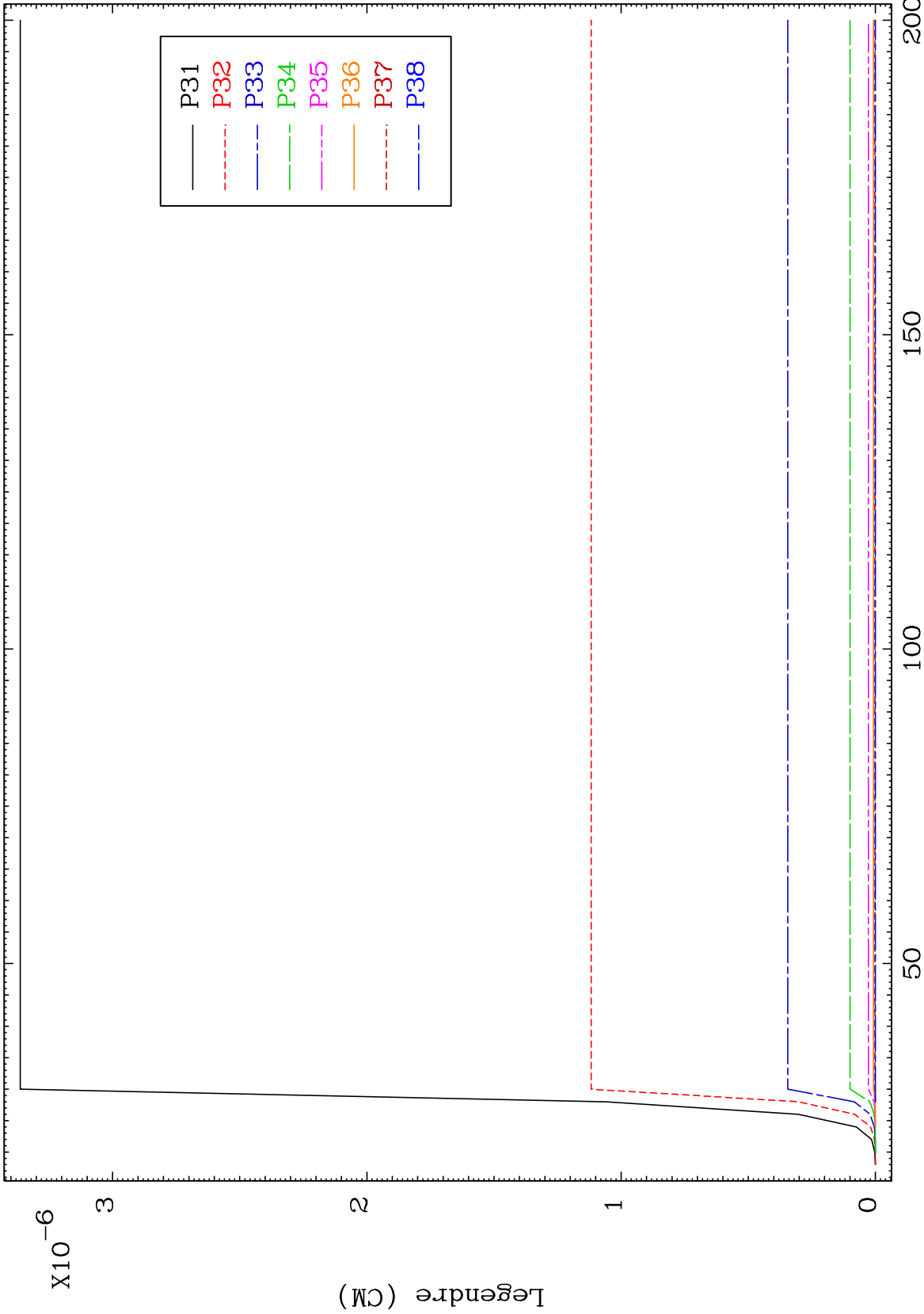
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



23

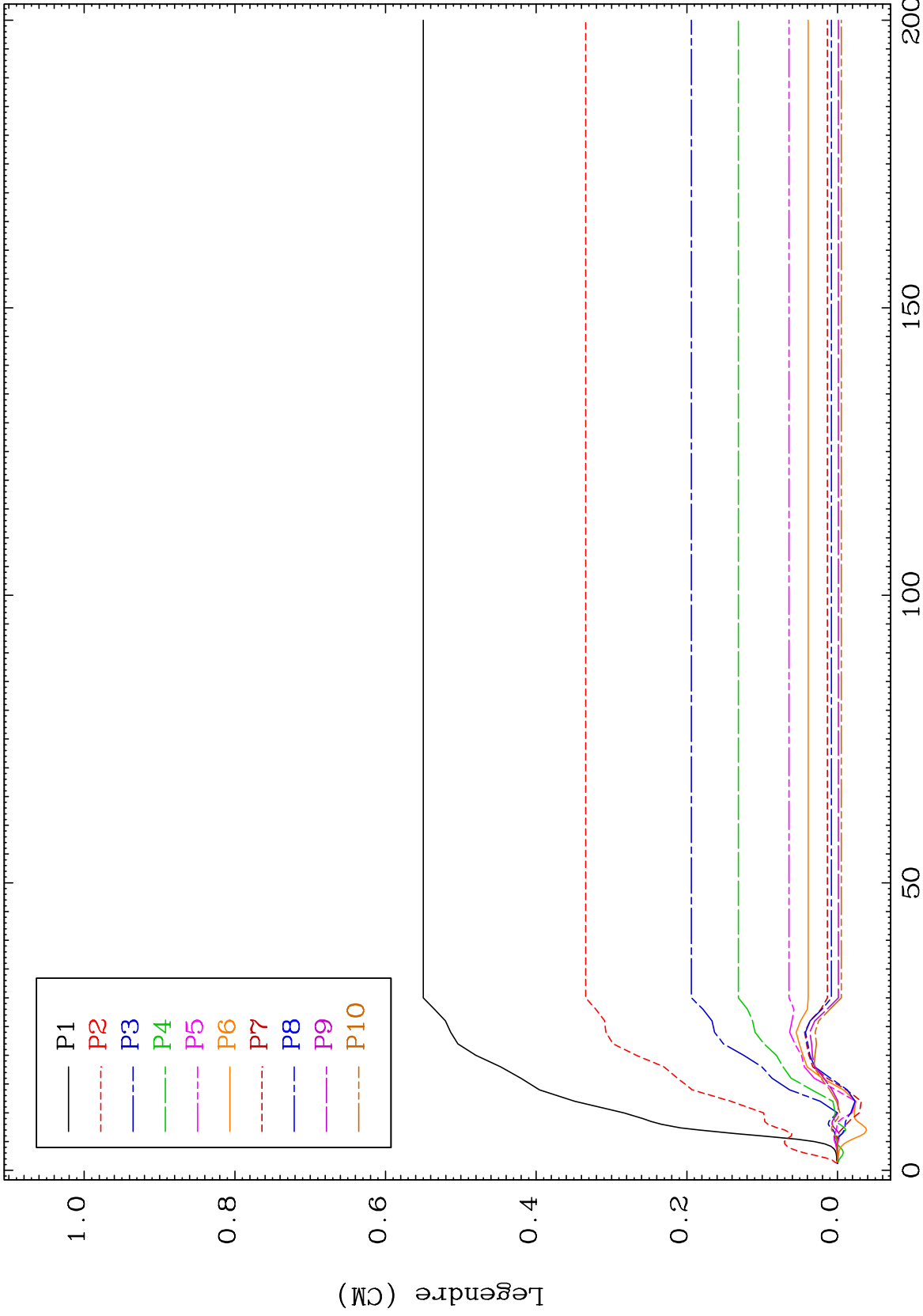
84-Po-206



MAT 8425

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

84-Po-206



24

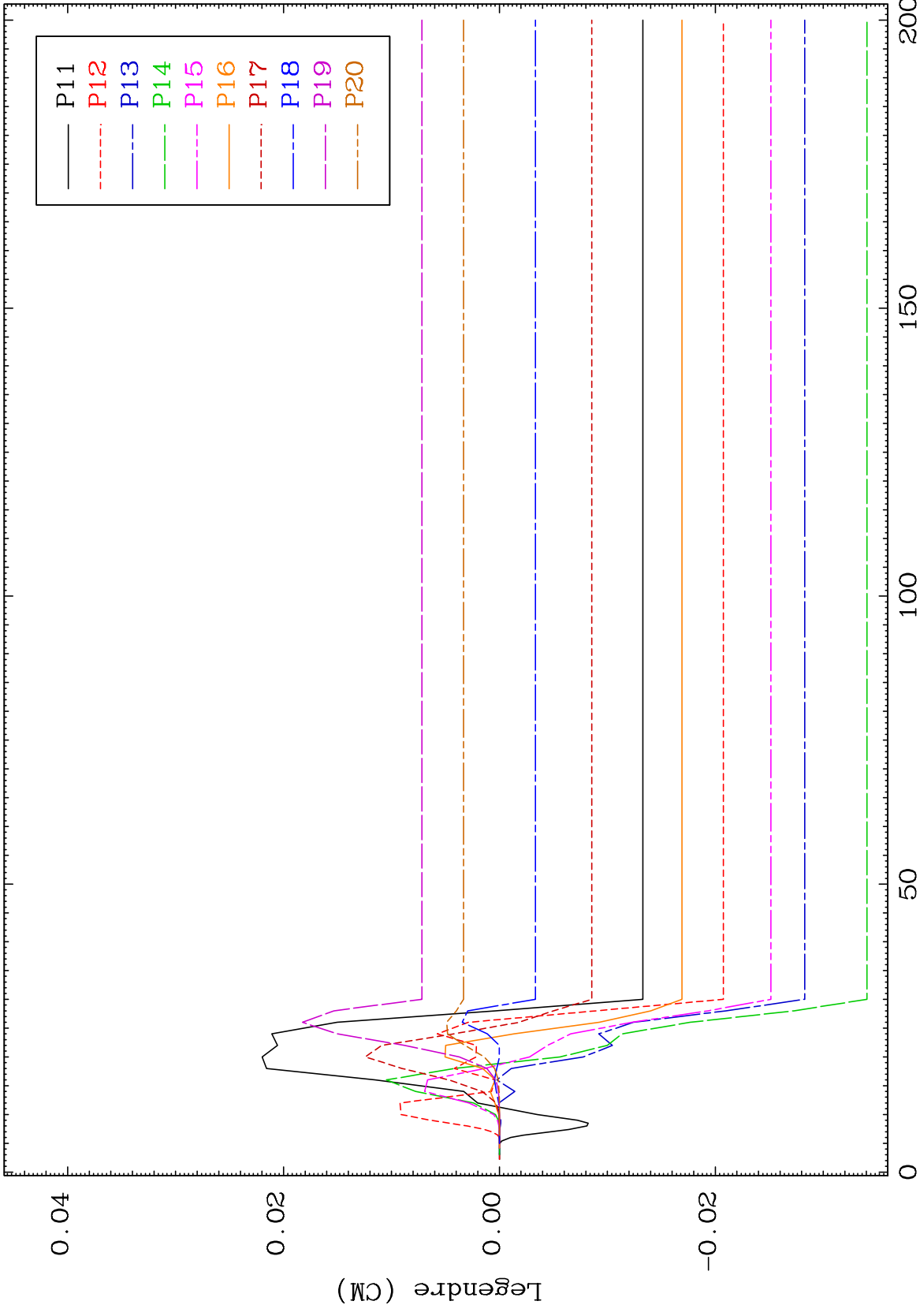
Incident Energy (MeV)

84-Po-206

MAT 8425

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

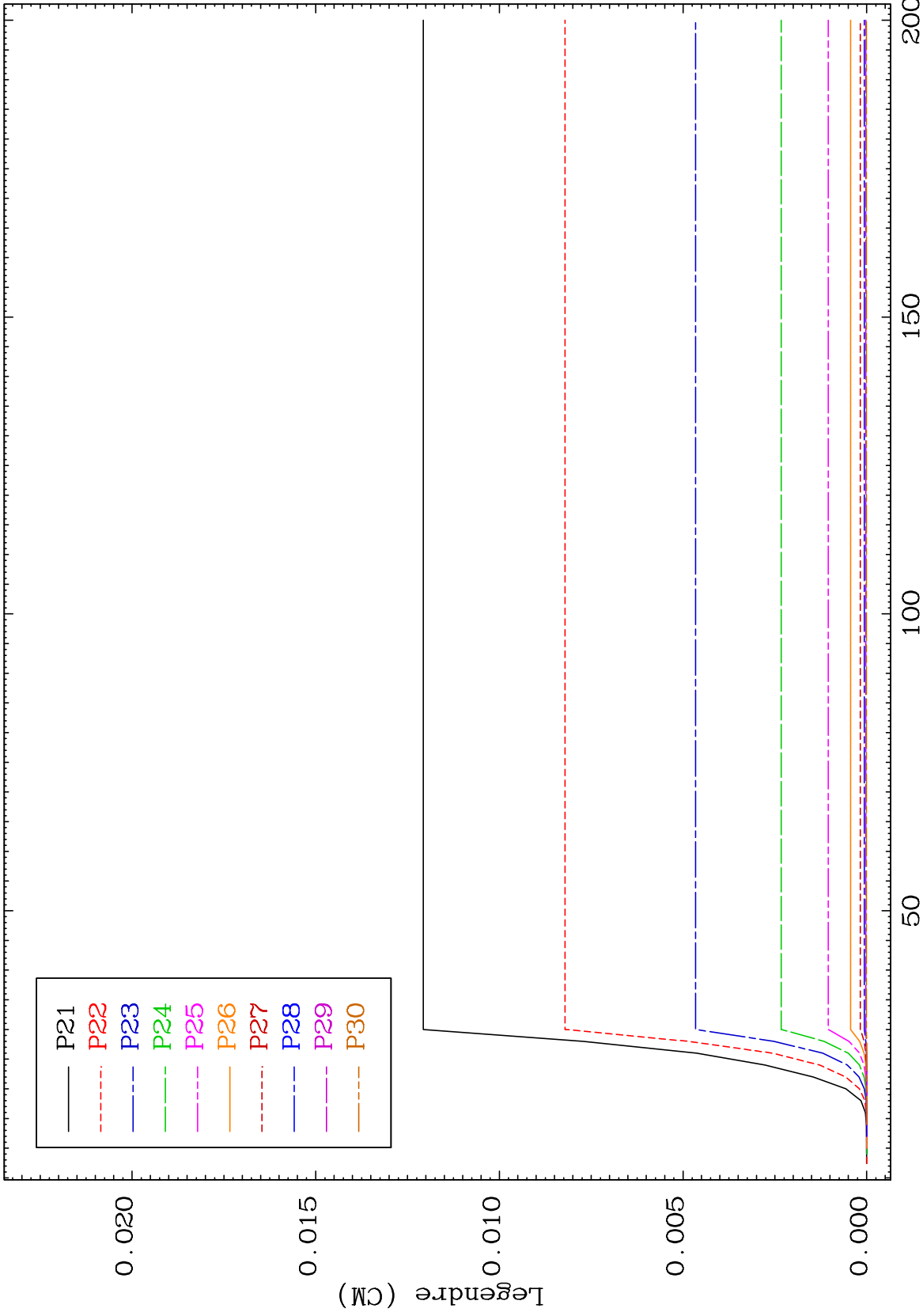
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25

Incident Energy (MeV)

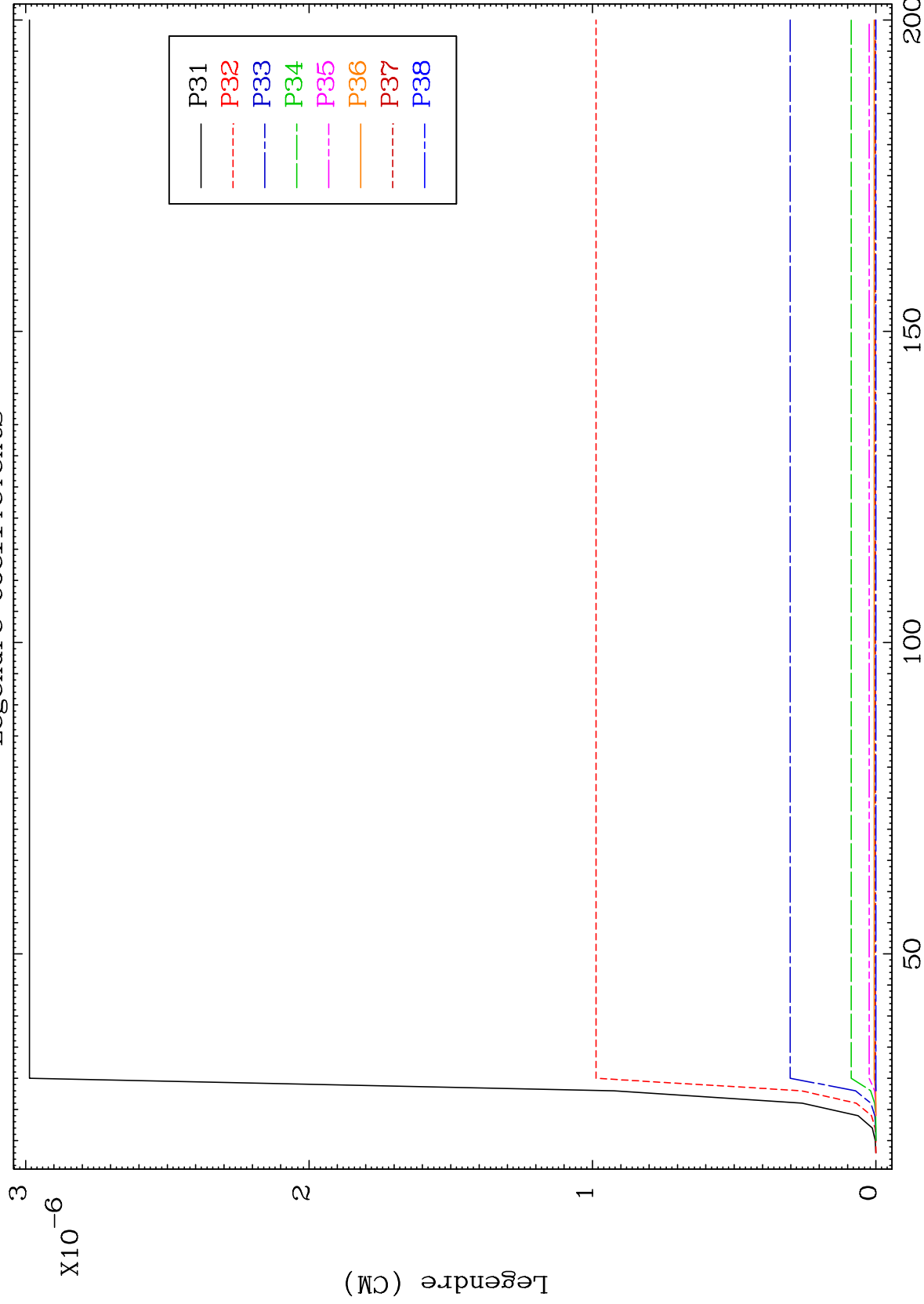
84-Po-206



MAT 8425

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

84-Po-206



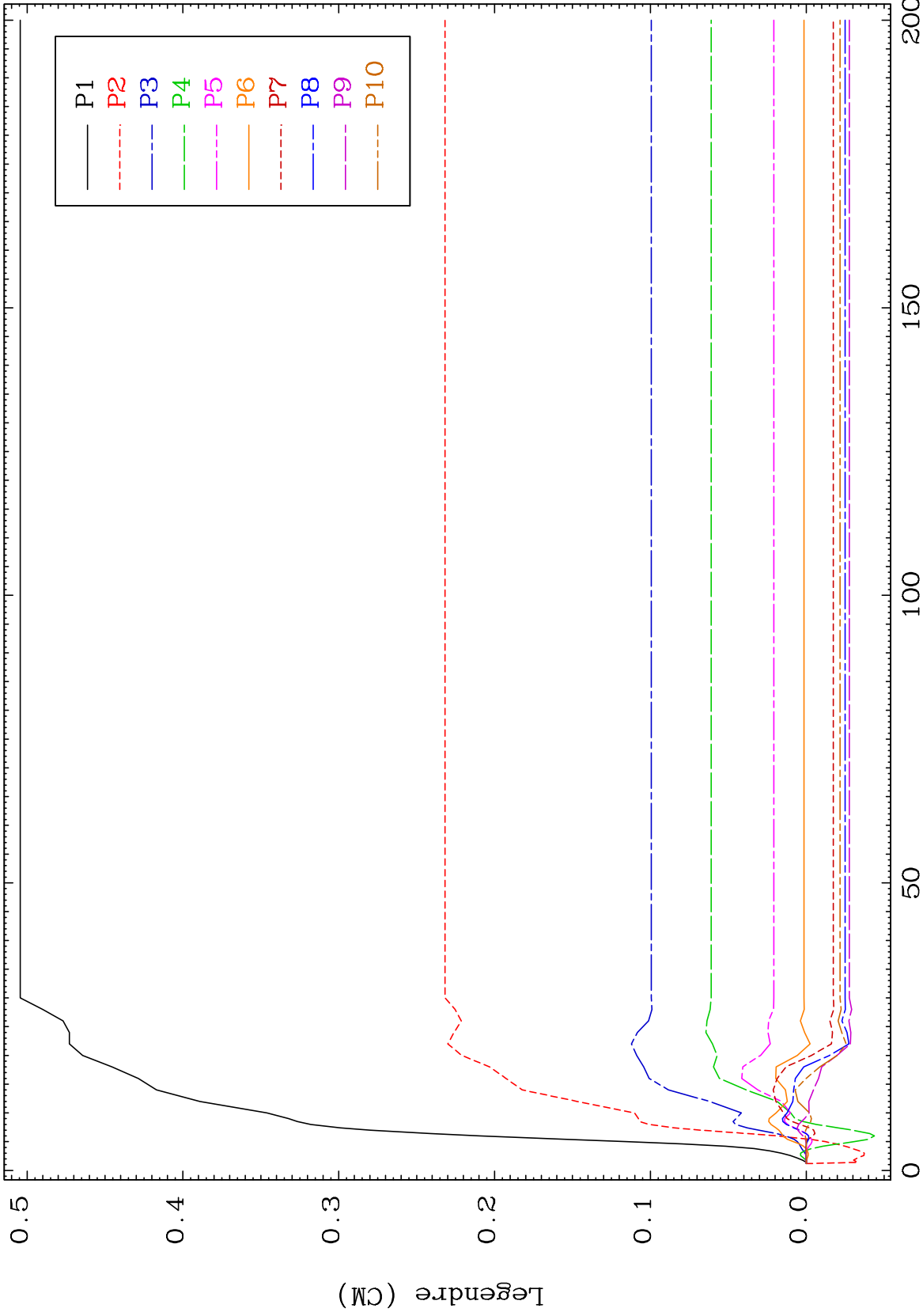
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84-Po-206

MAT 8425

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

84-Po-206



28

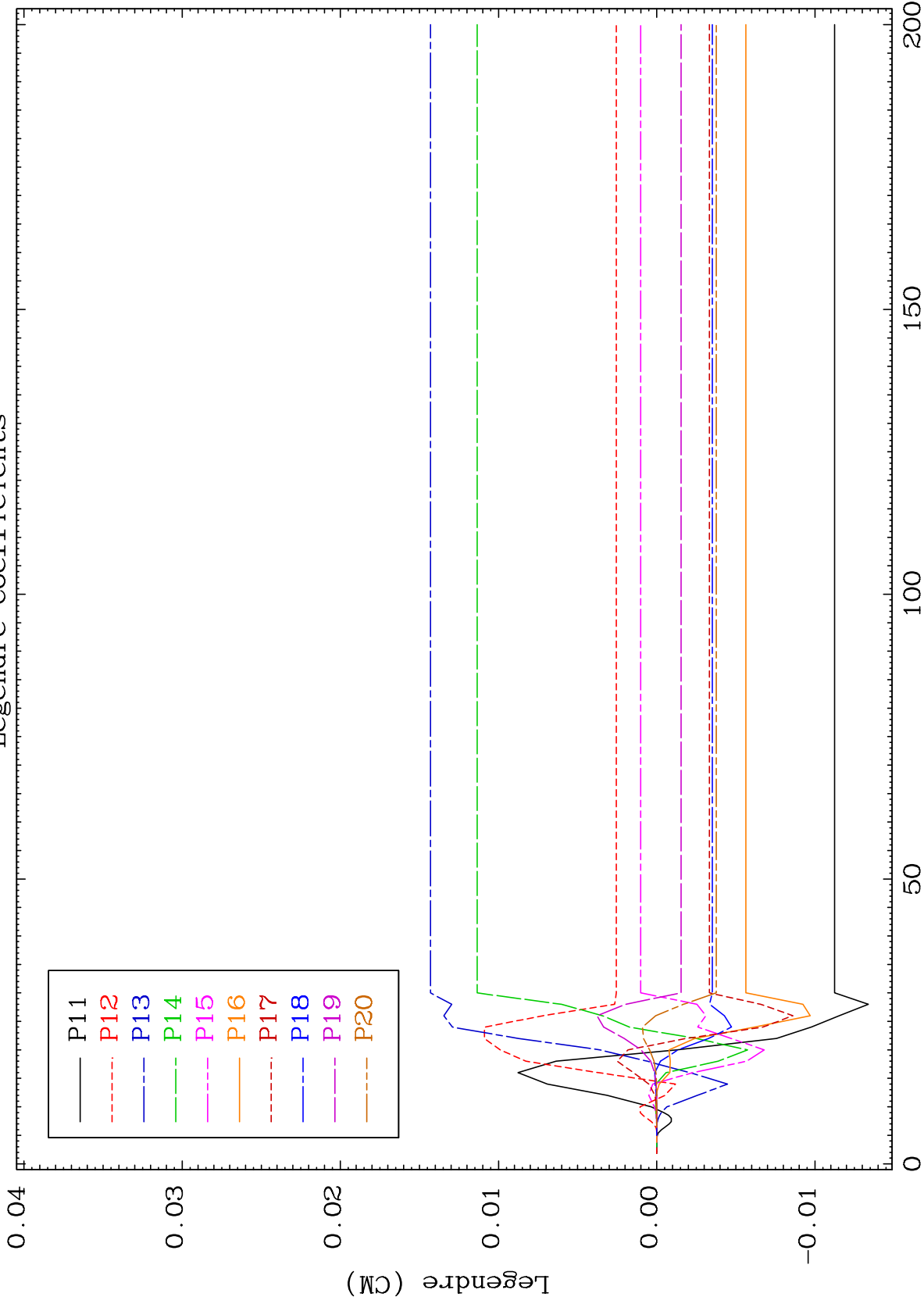
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



29

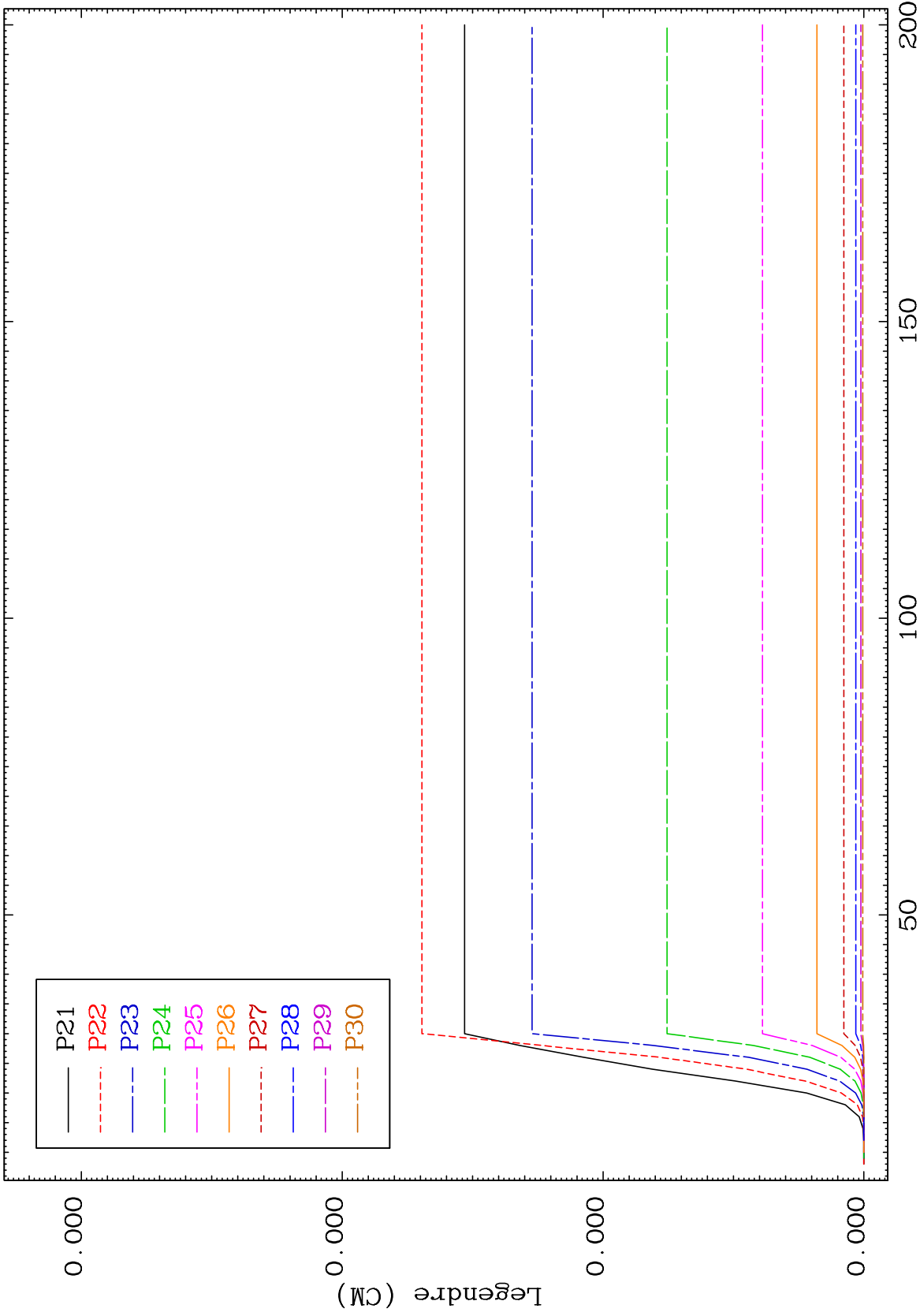
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



30

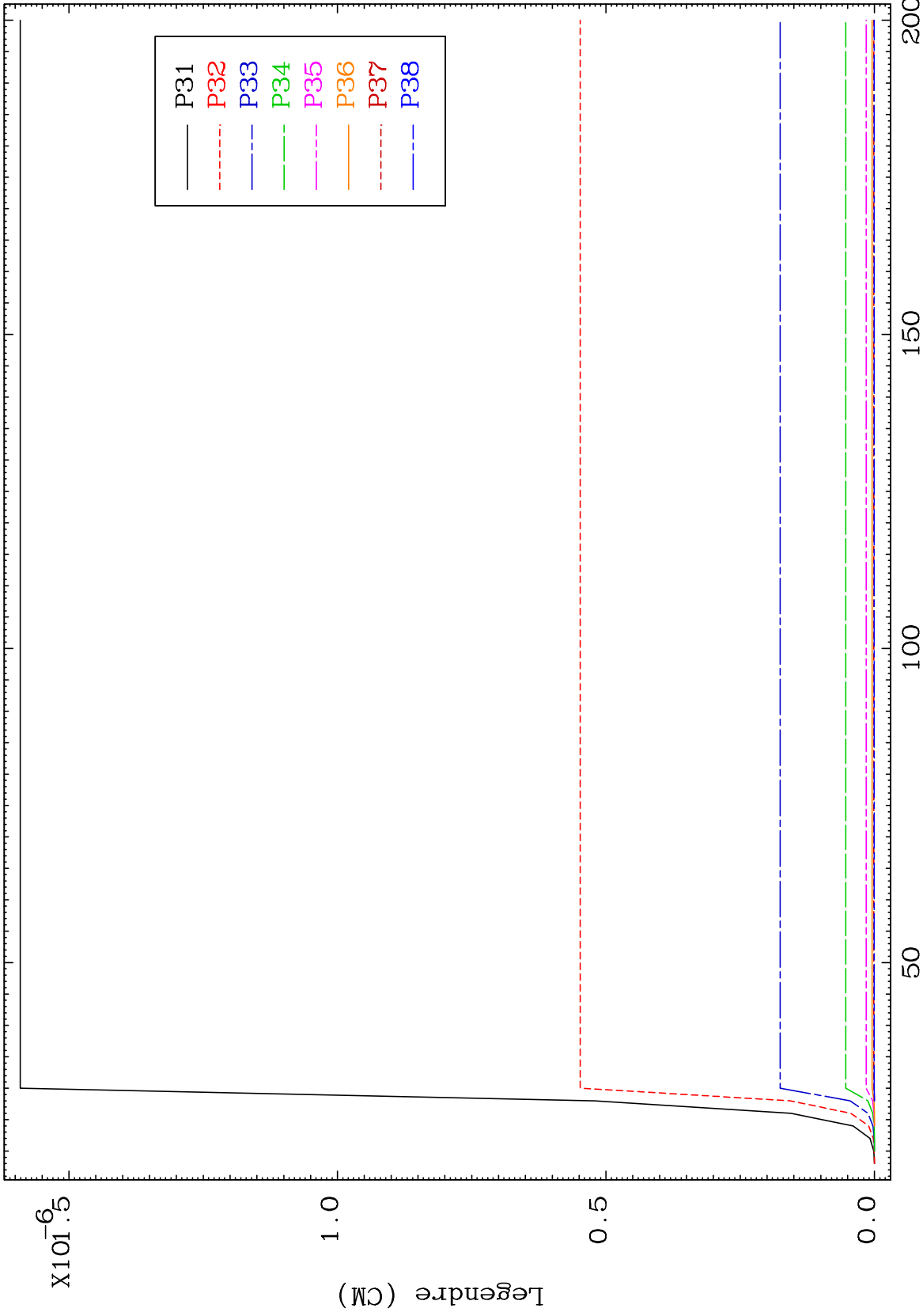
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



31

Incident Energy (MeV)

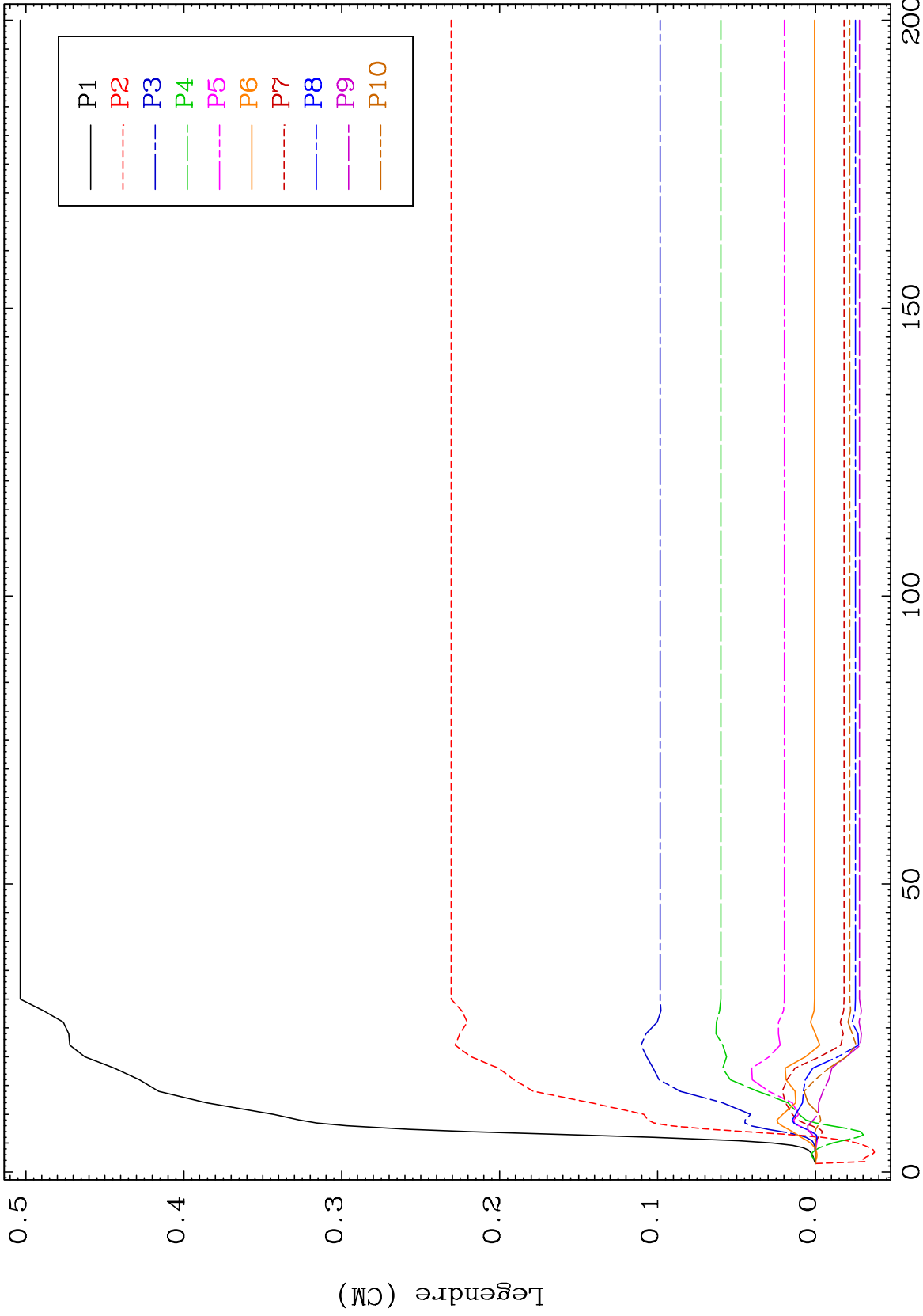
84-Po-206



MAT 8425

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

84-Po-206



32

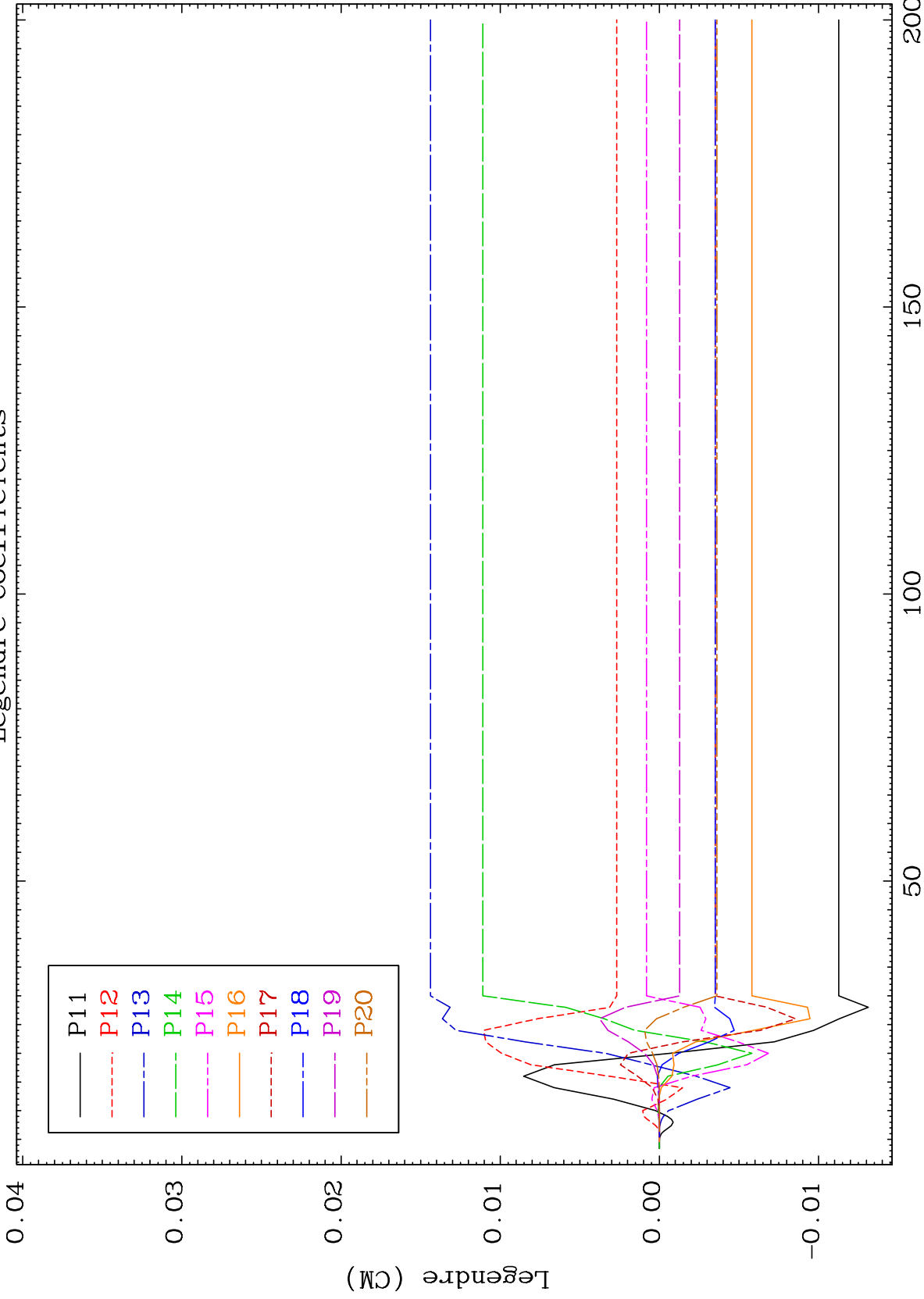
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



33

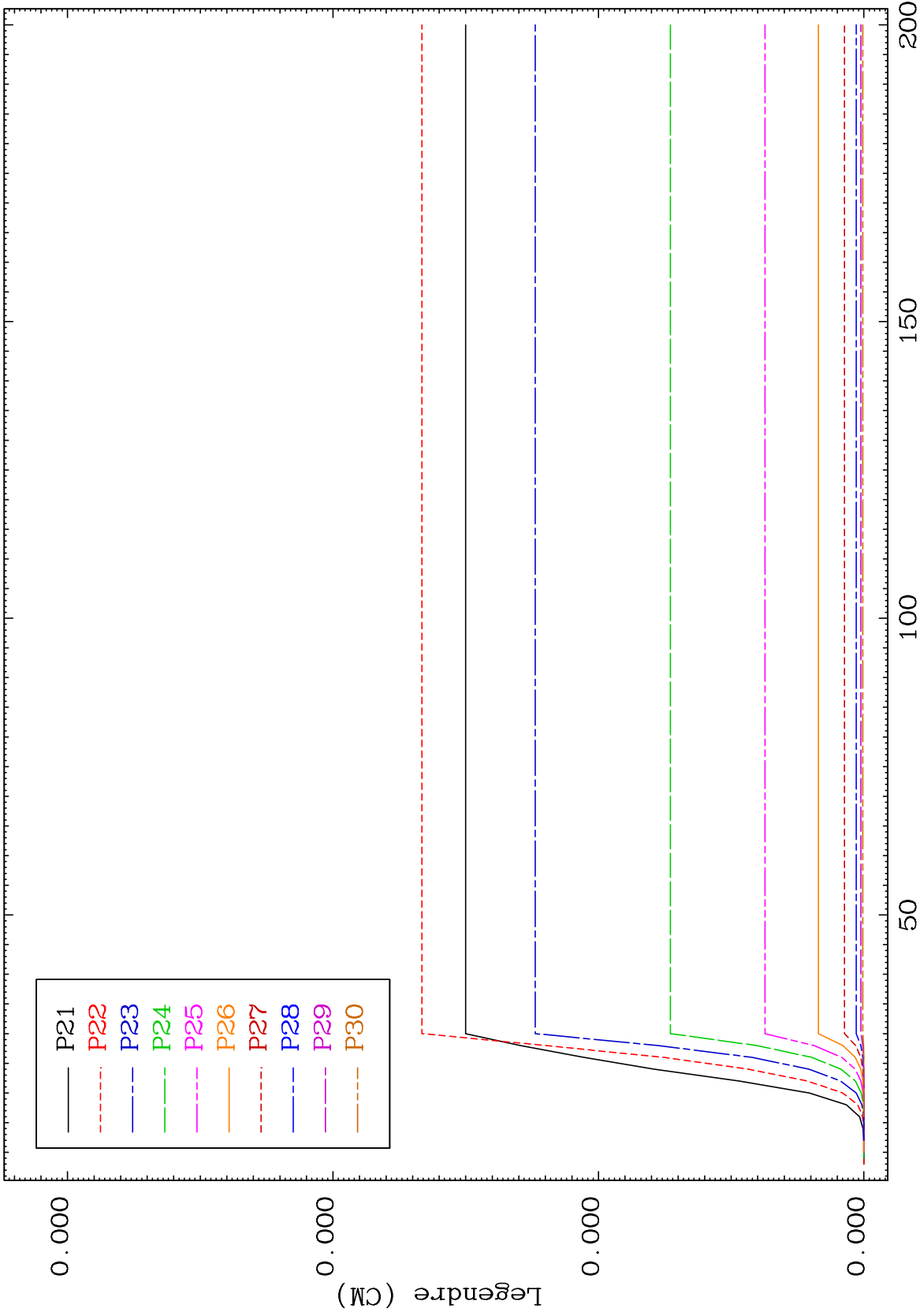
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206

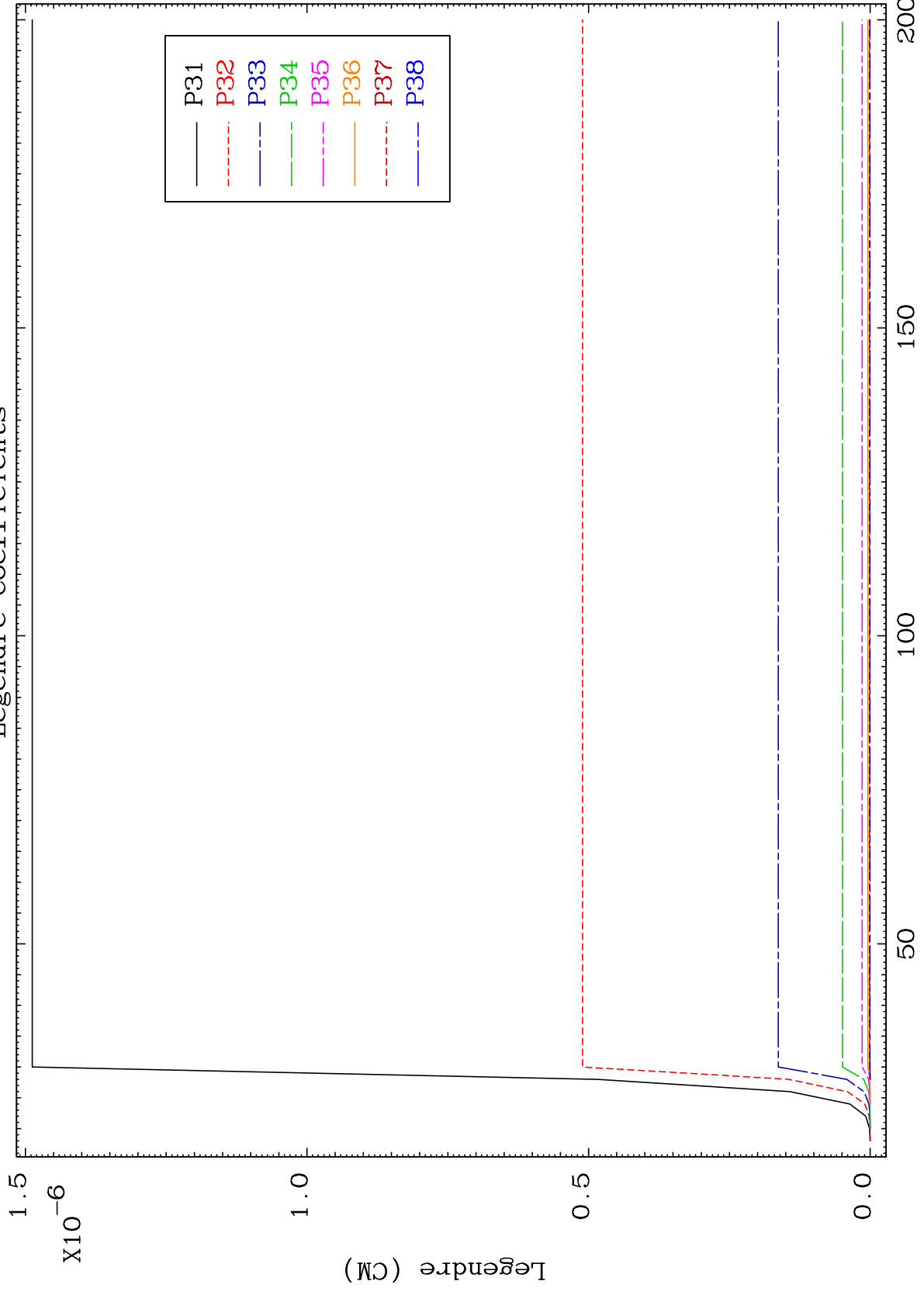


34

MAT 8425

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

84-Po-206



35

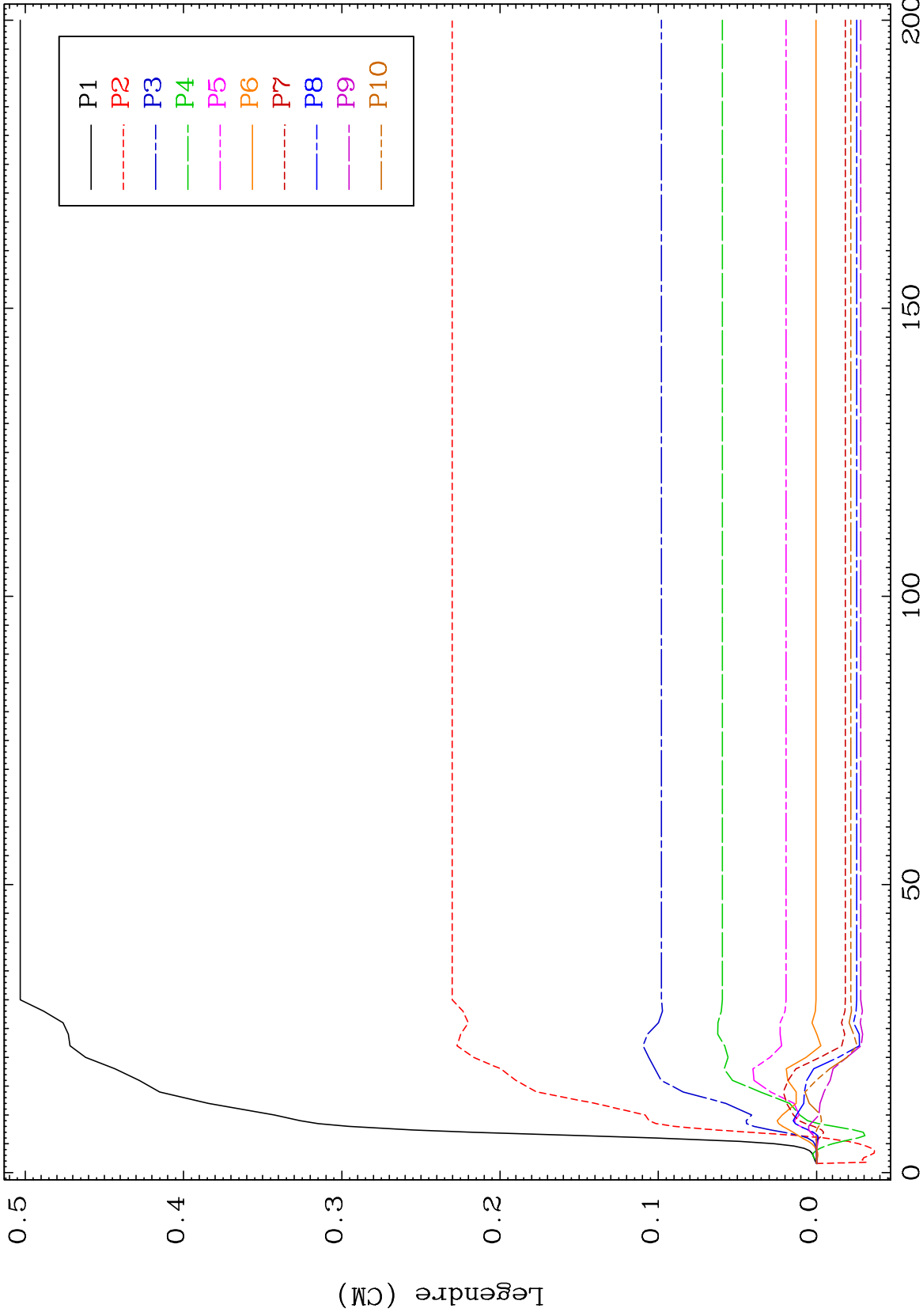
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



36

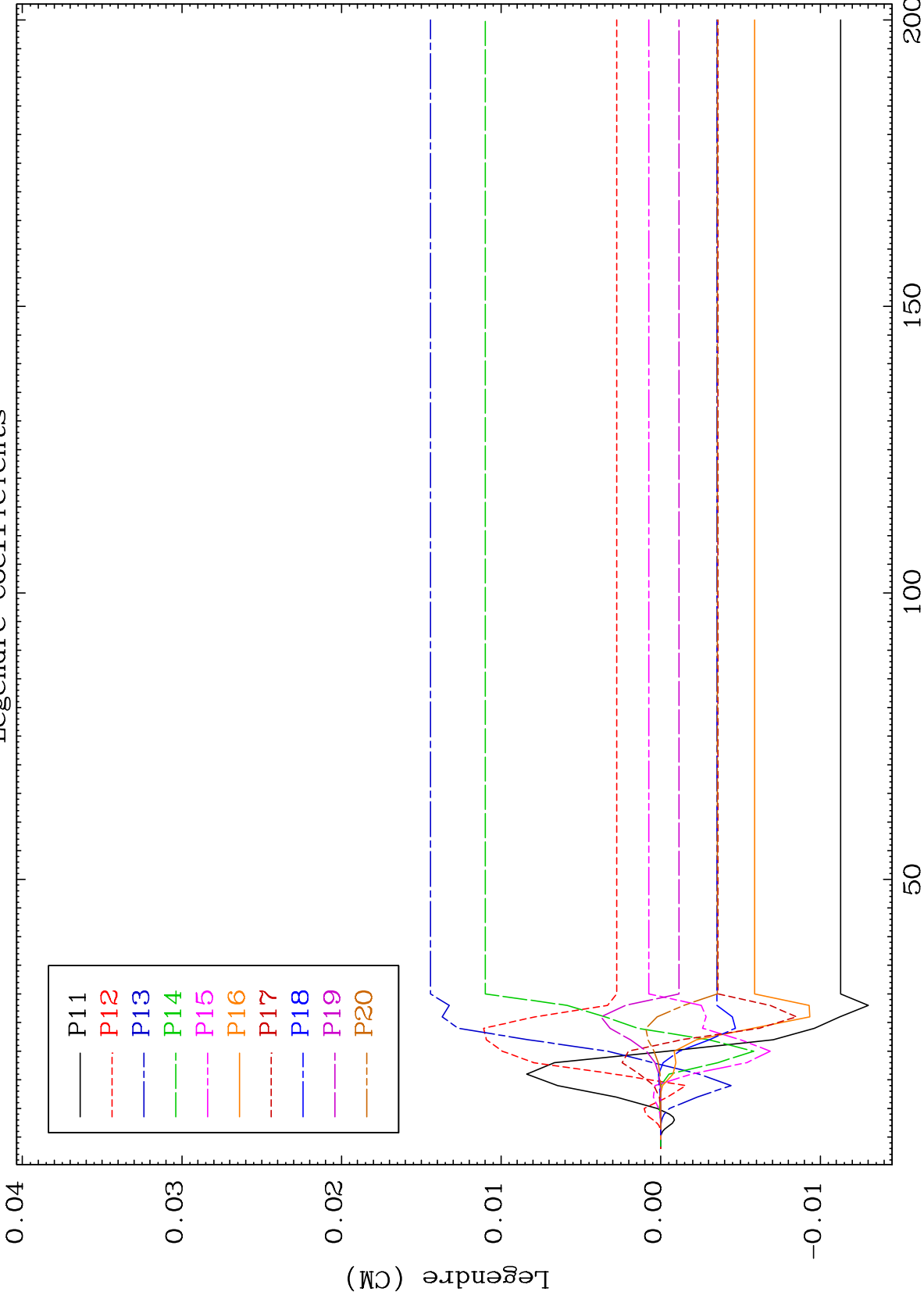
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



37

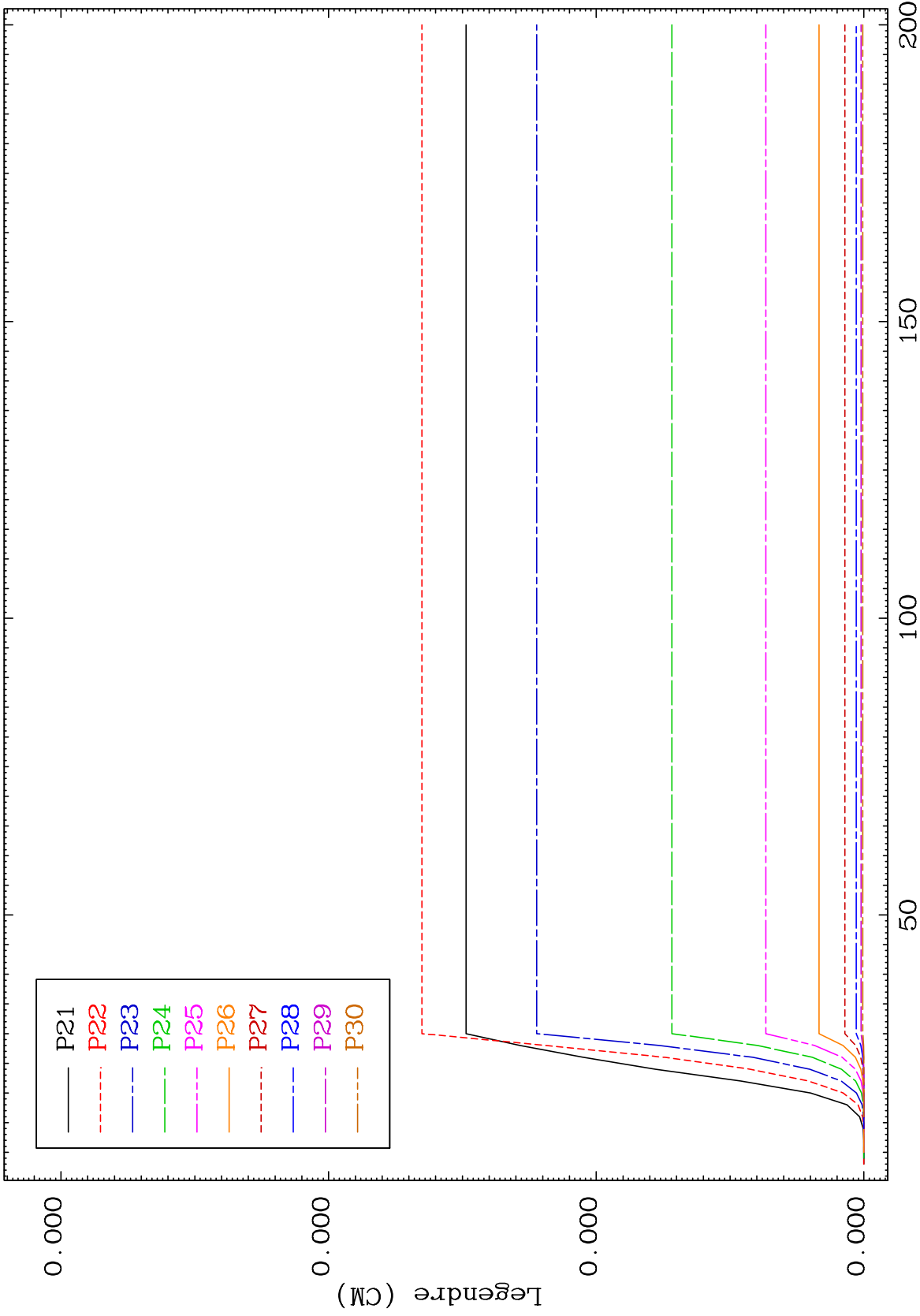
84-Po-206

84-Po-206

MAT 8425

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

84-Po-206



38

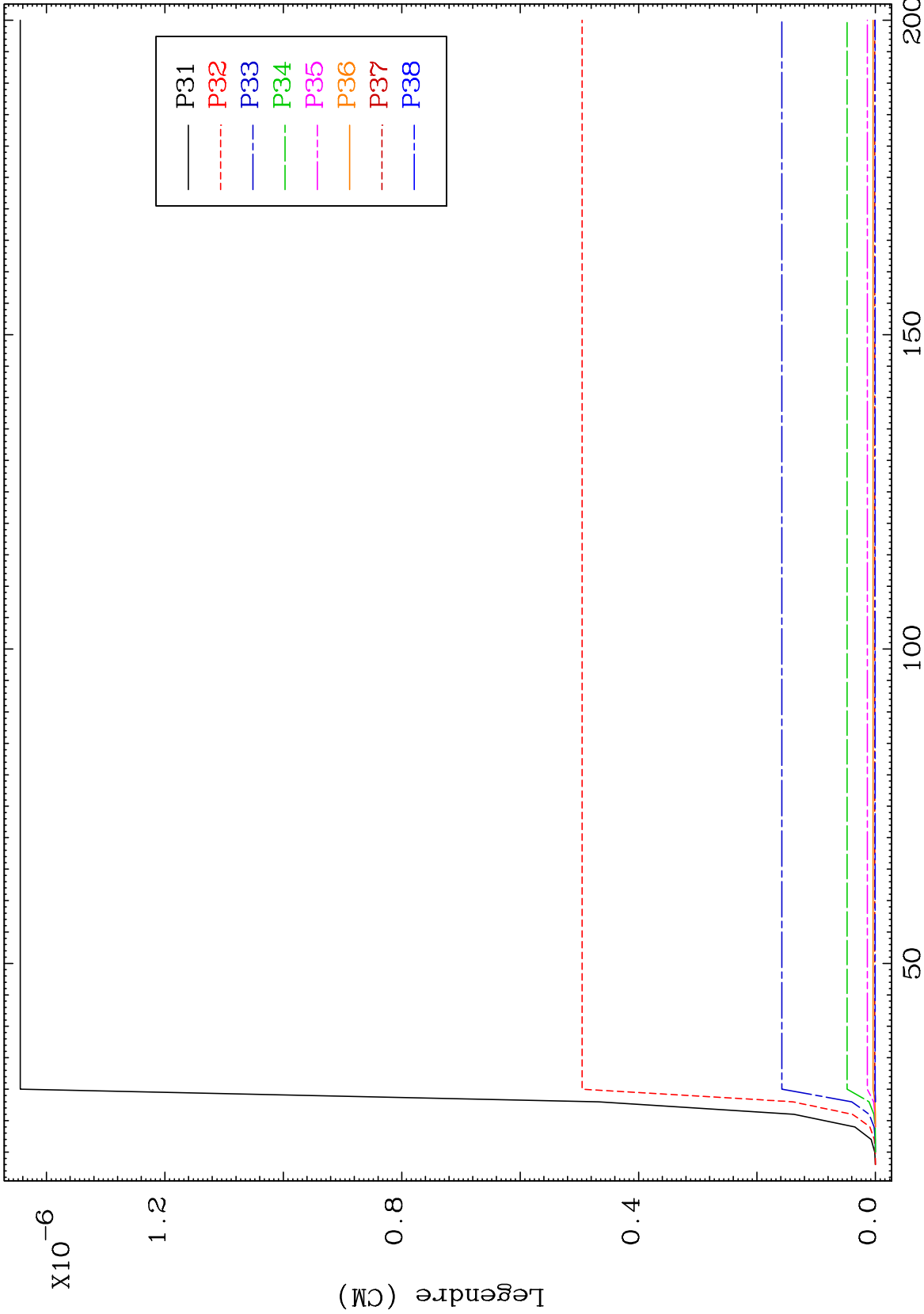
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



39

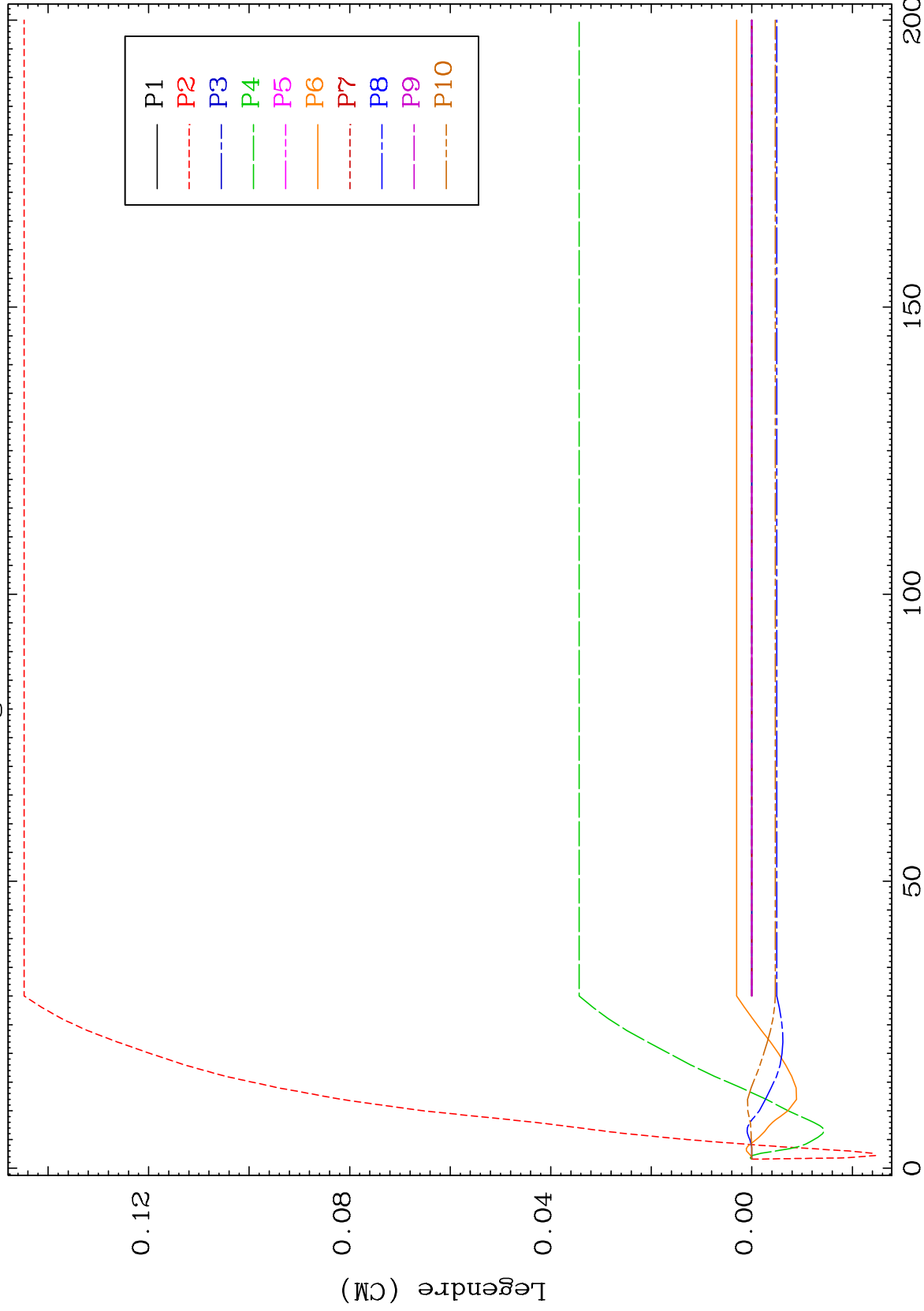
84-Po-206



MAT 8425

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

84-Po-206



40

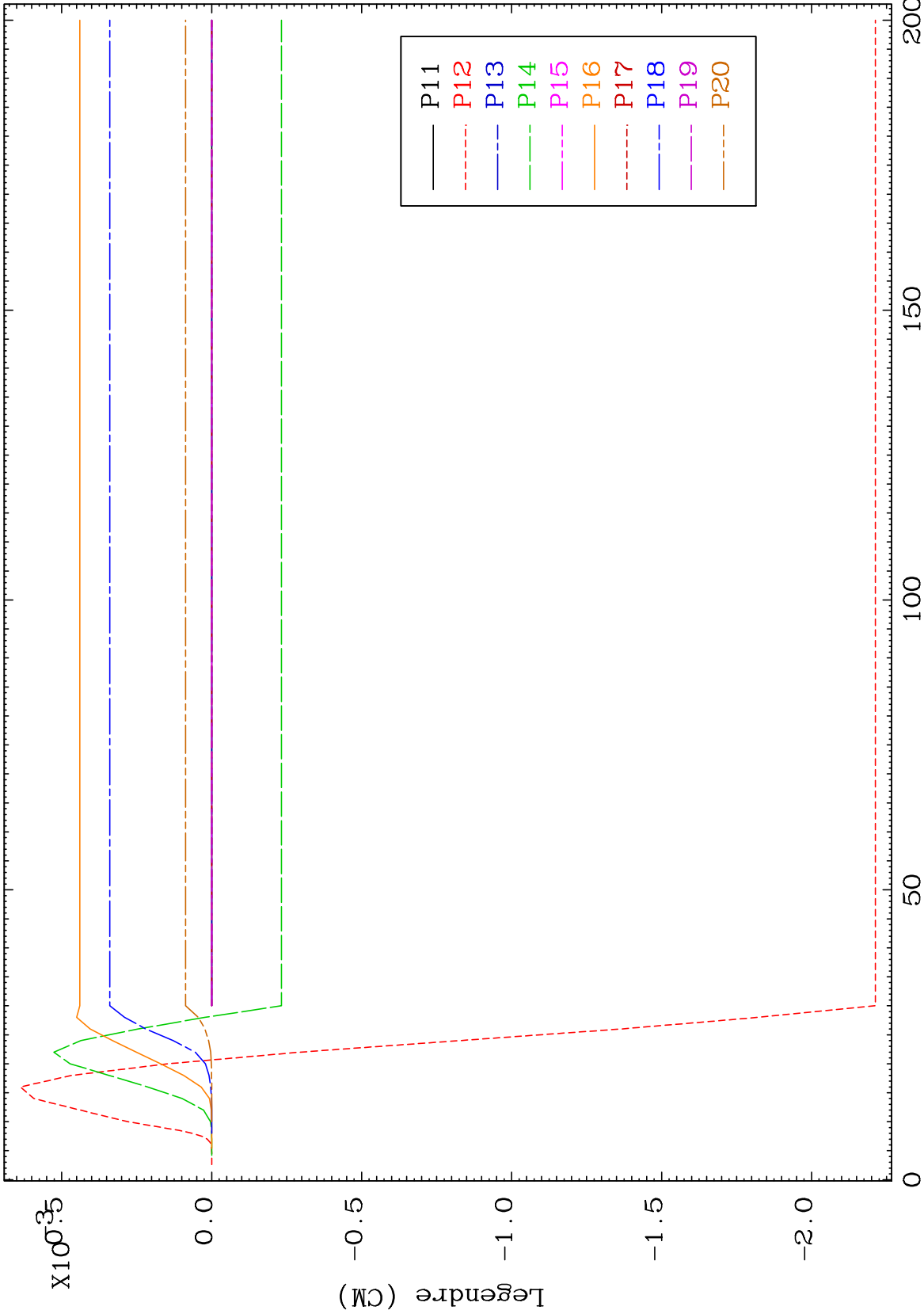
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



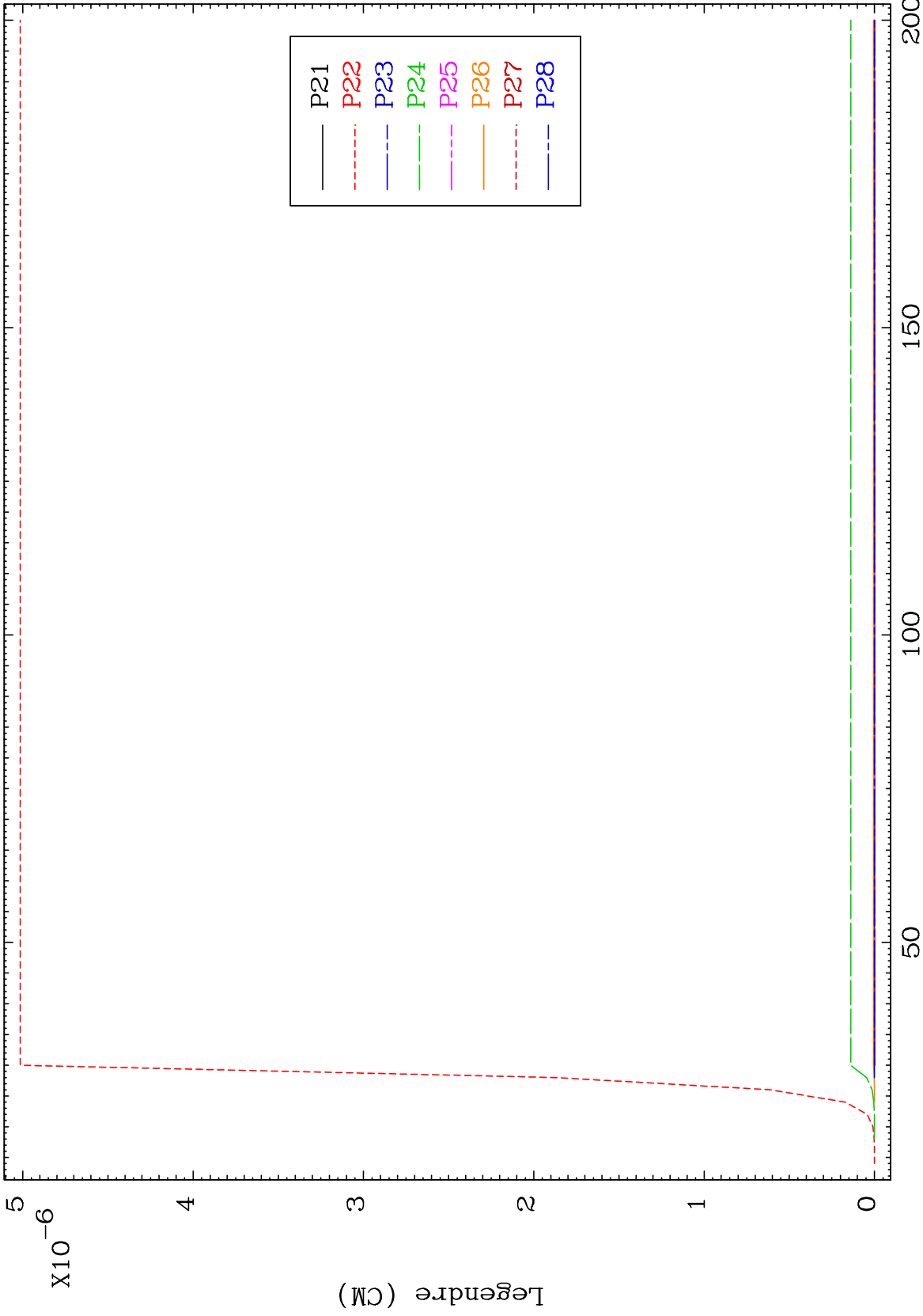
41

84-Po-206

MAT 8425

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

84-Po-206



42

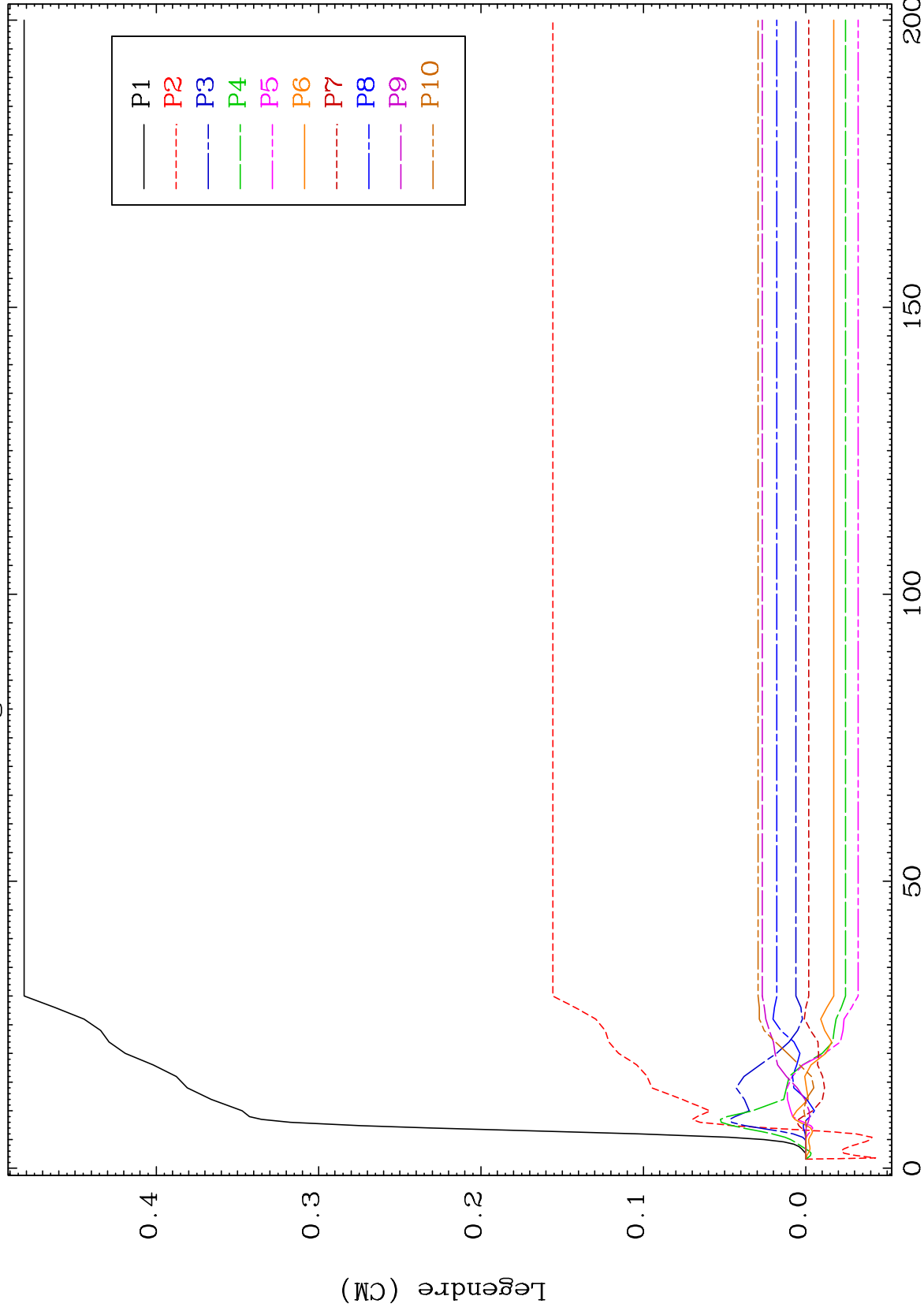
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



43

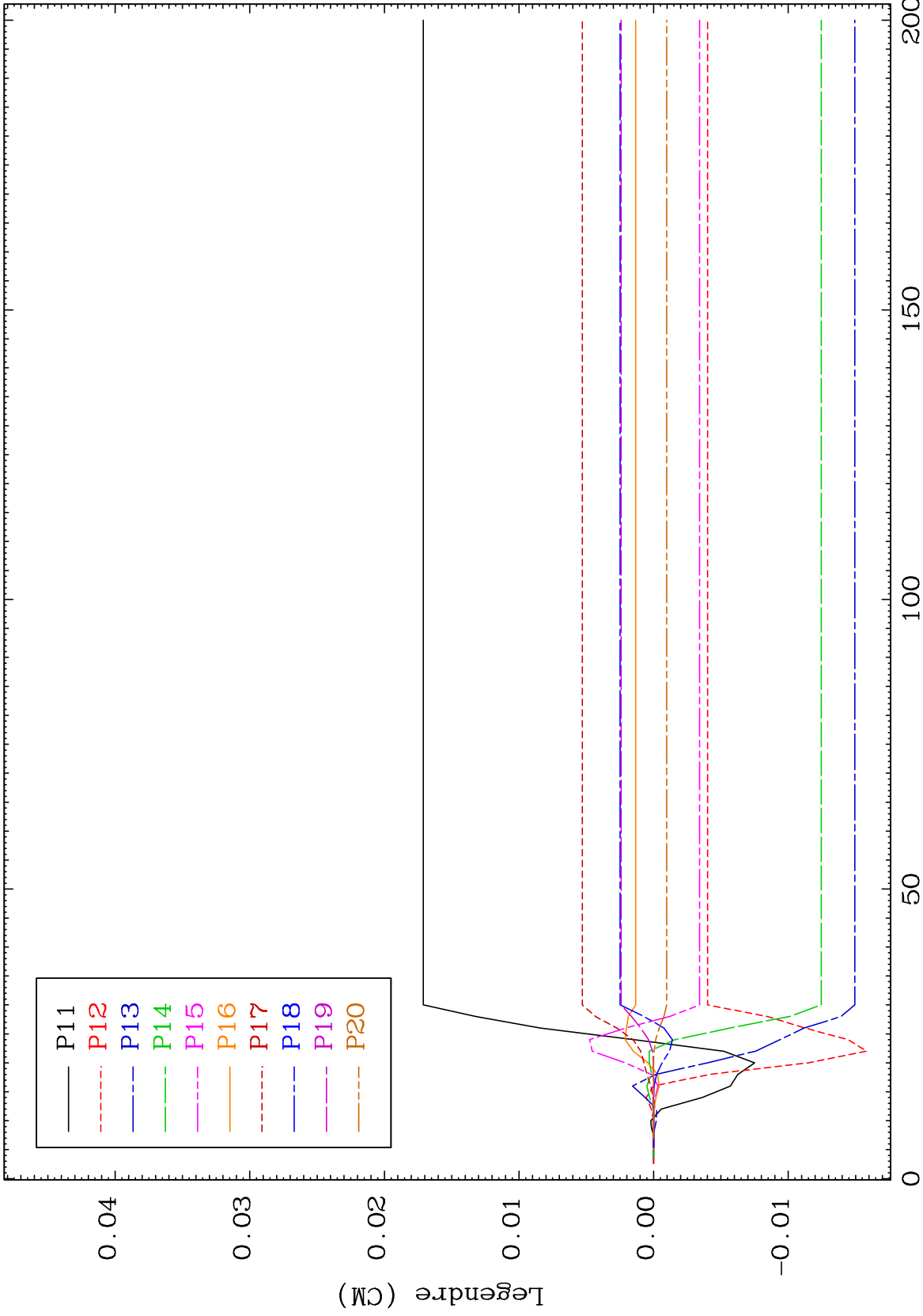
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



44

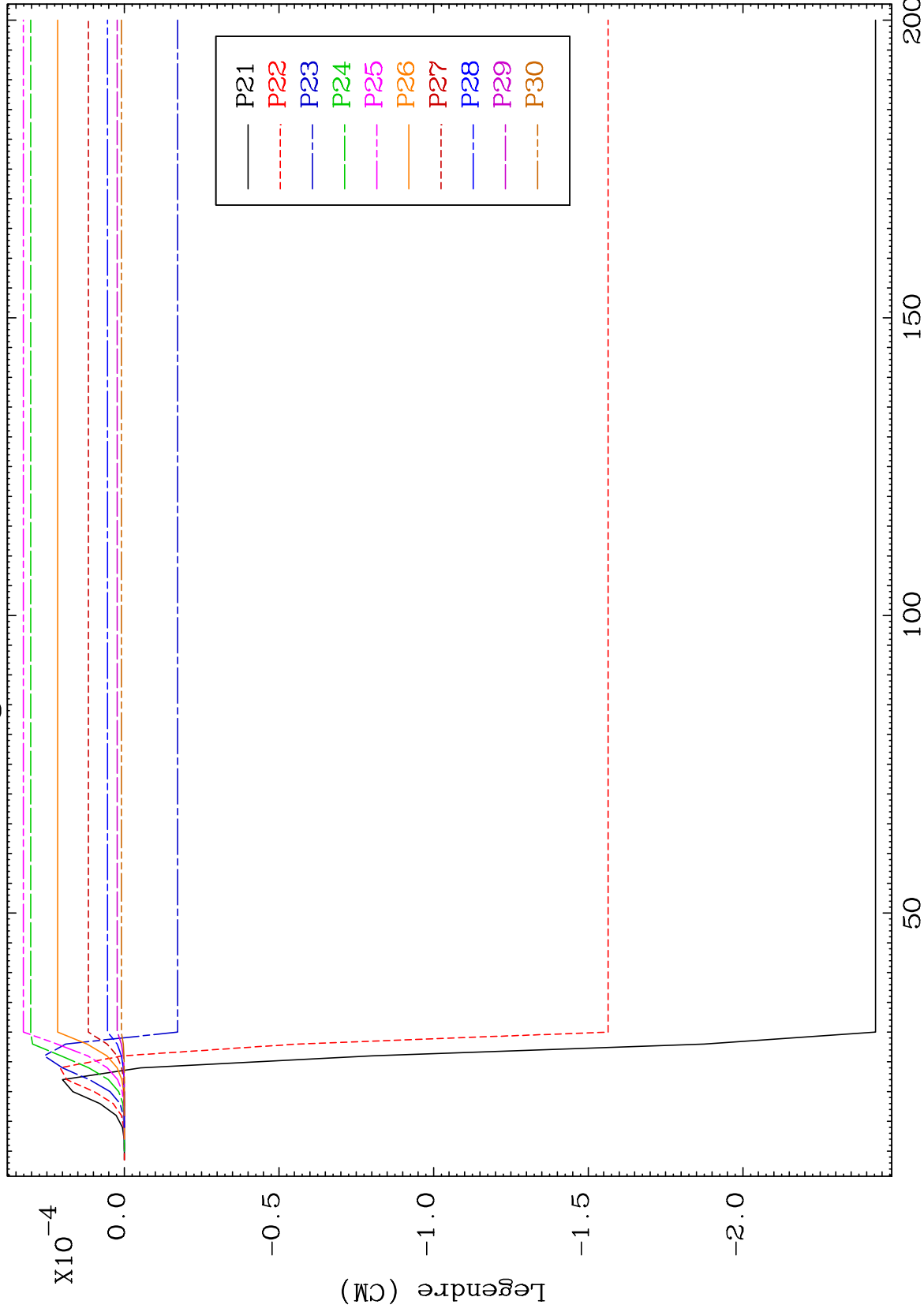
84-Po-206

84-Po-206

MAT 8425

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

84-Po-206



45

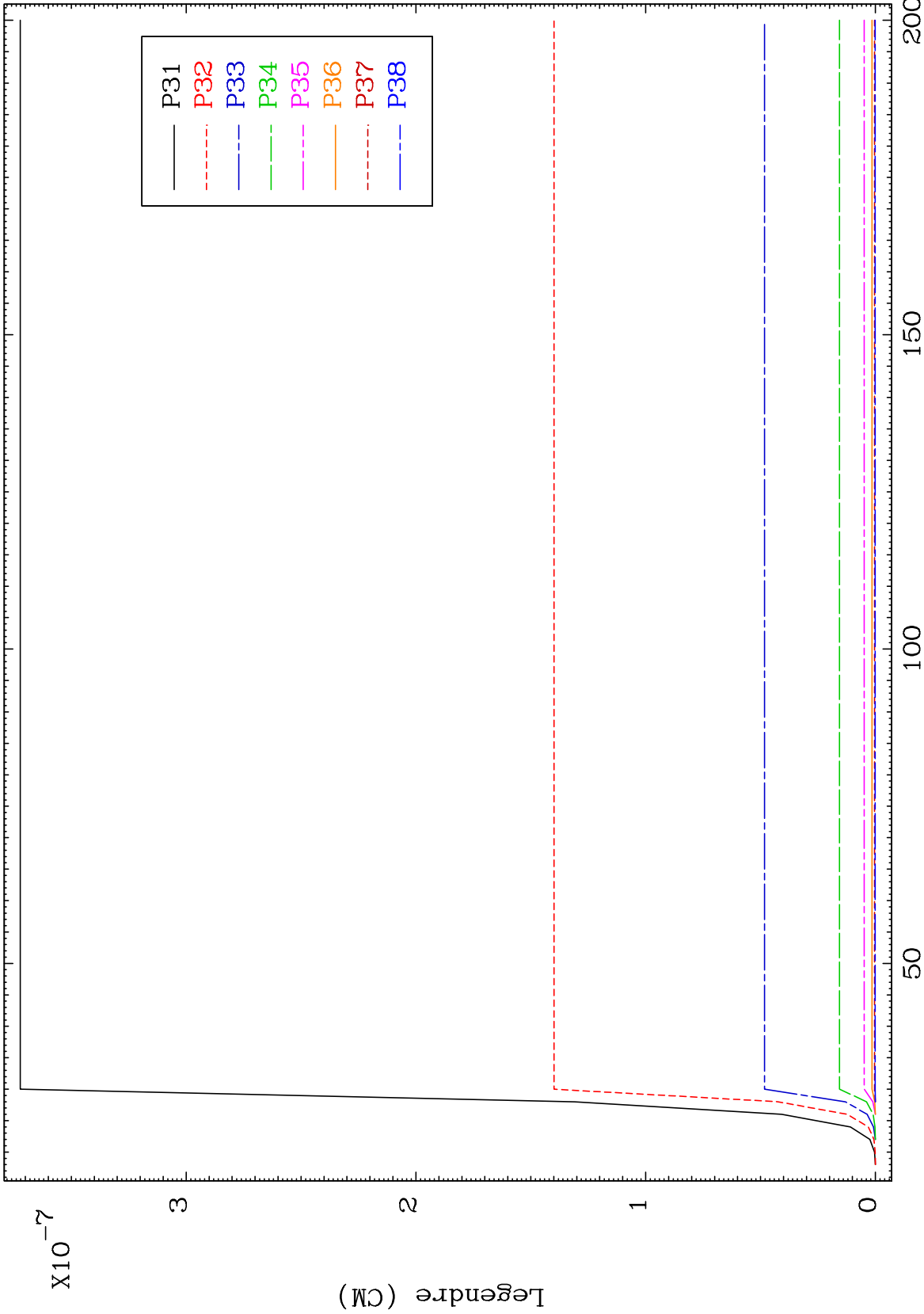
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



46

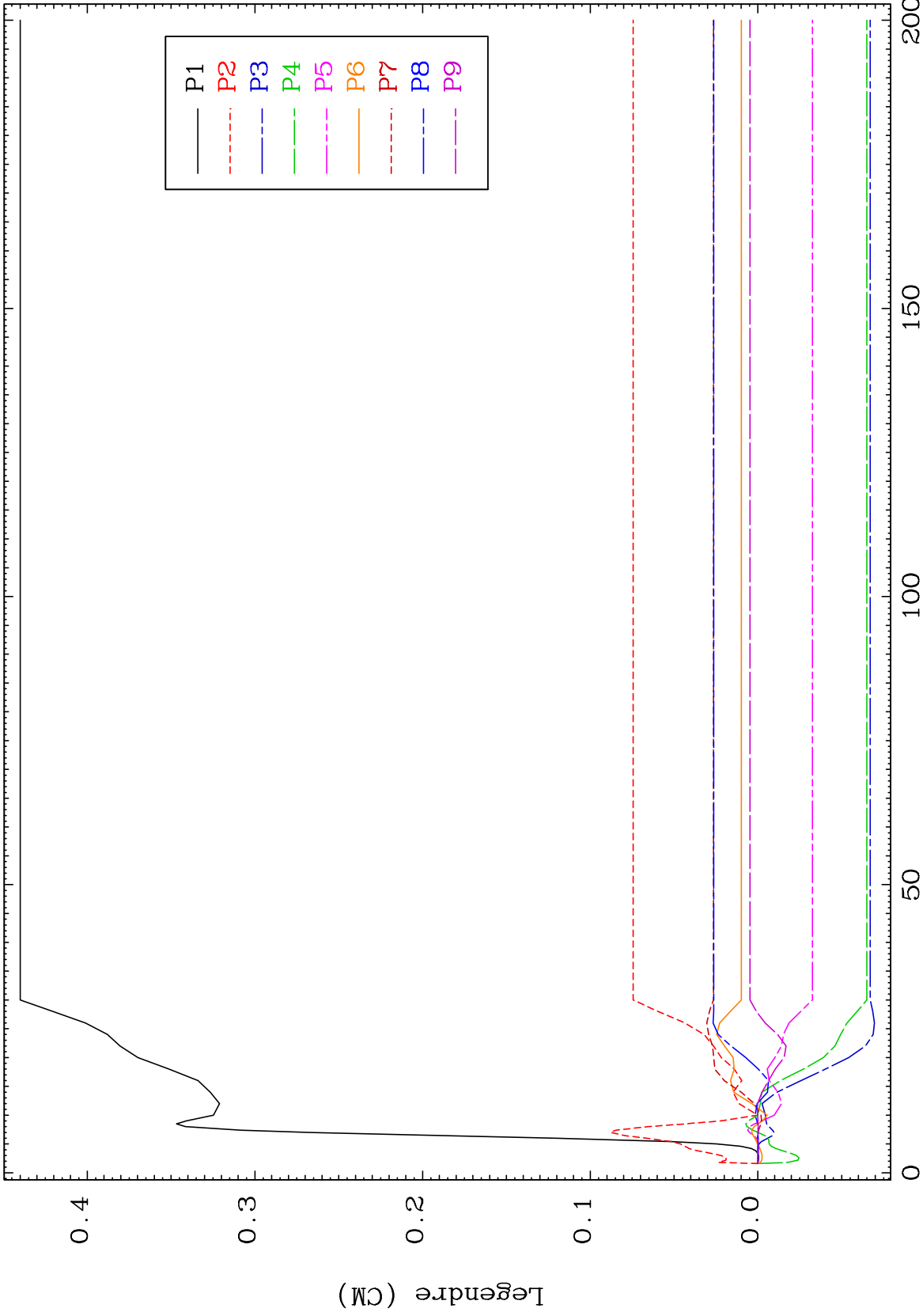
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



47

Incident Energy (MeV)

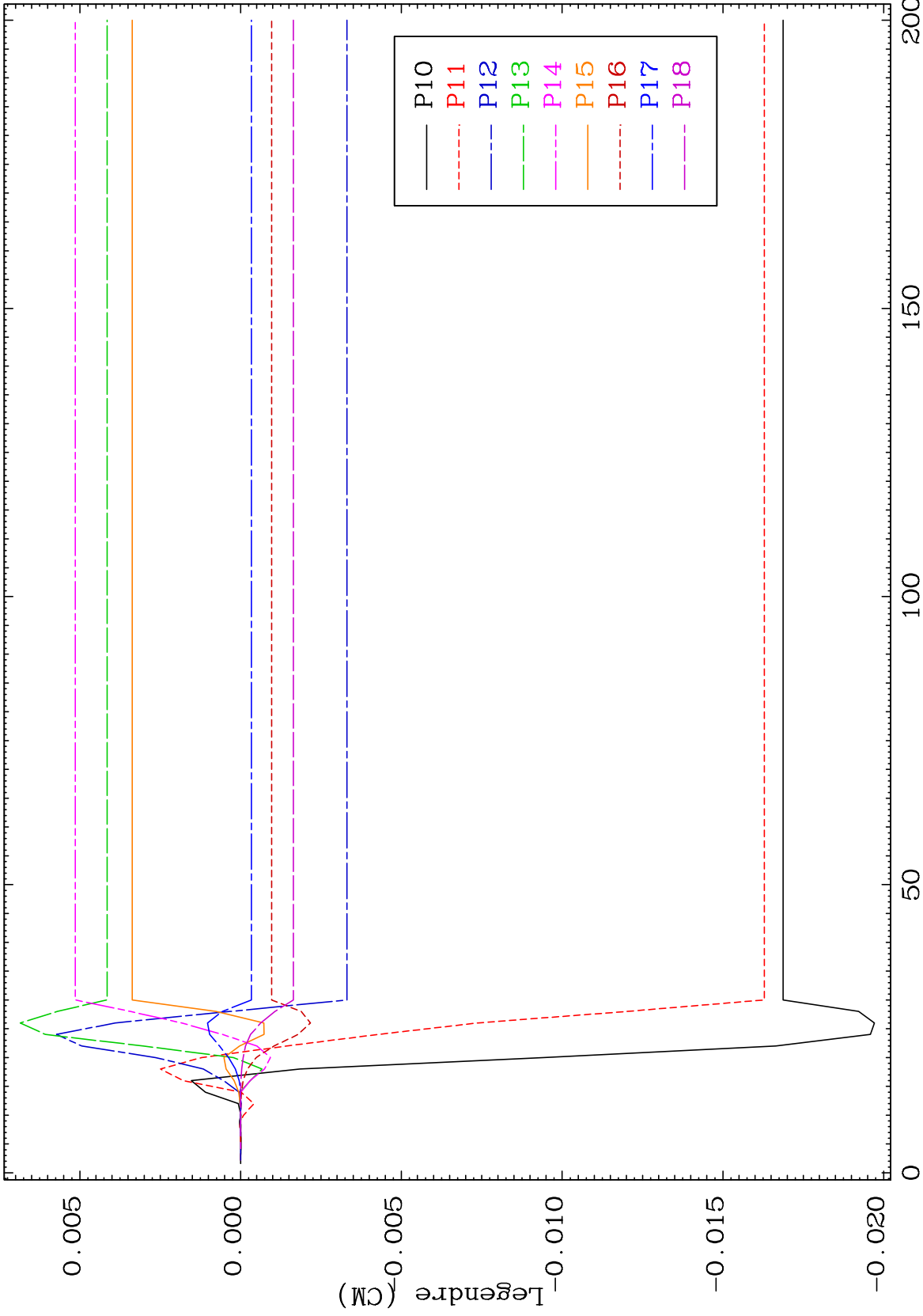
84-Po-206



MAT 8425

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

84-Po-206



48

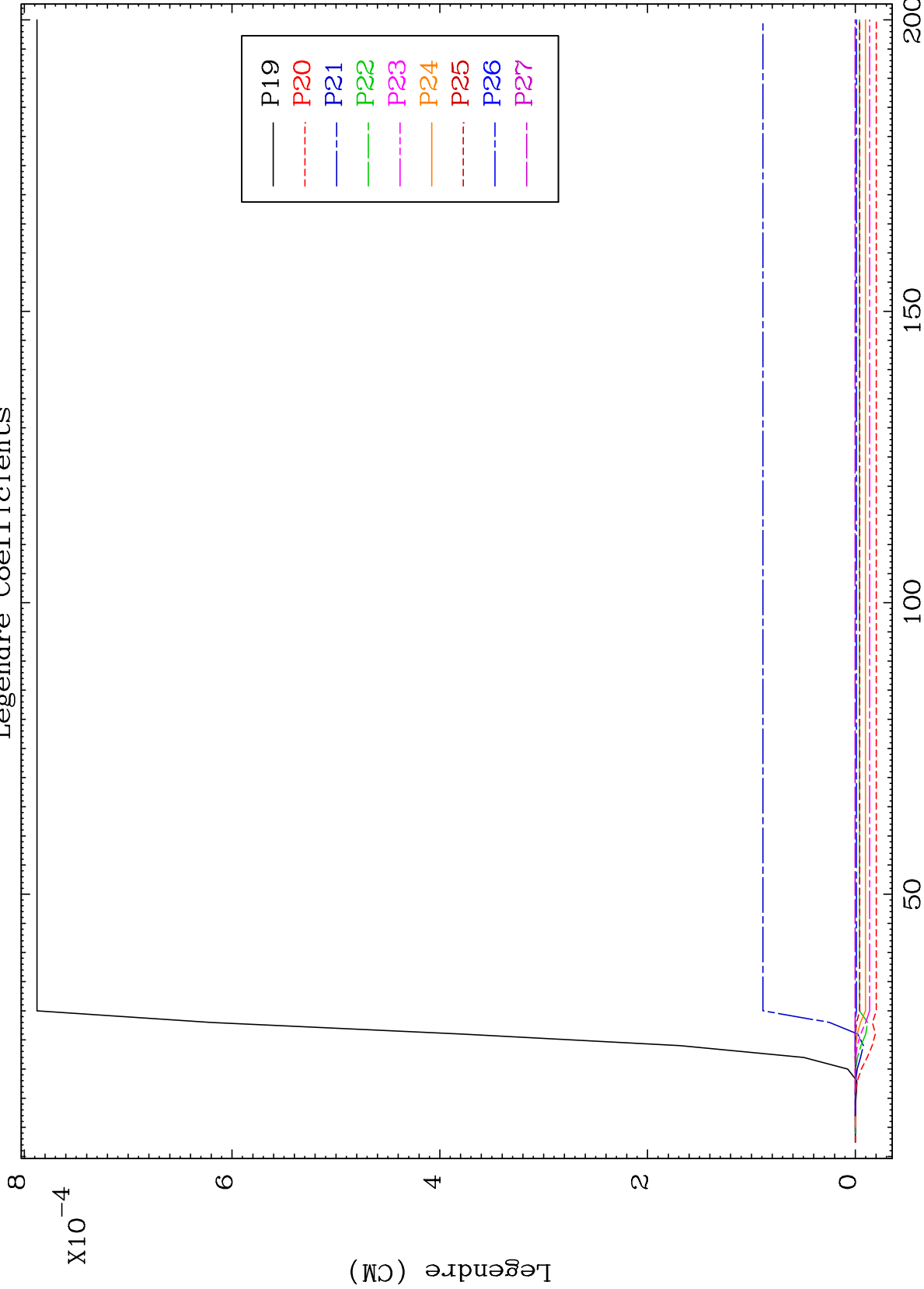
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



49

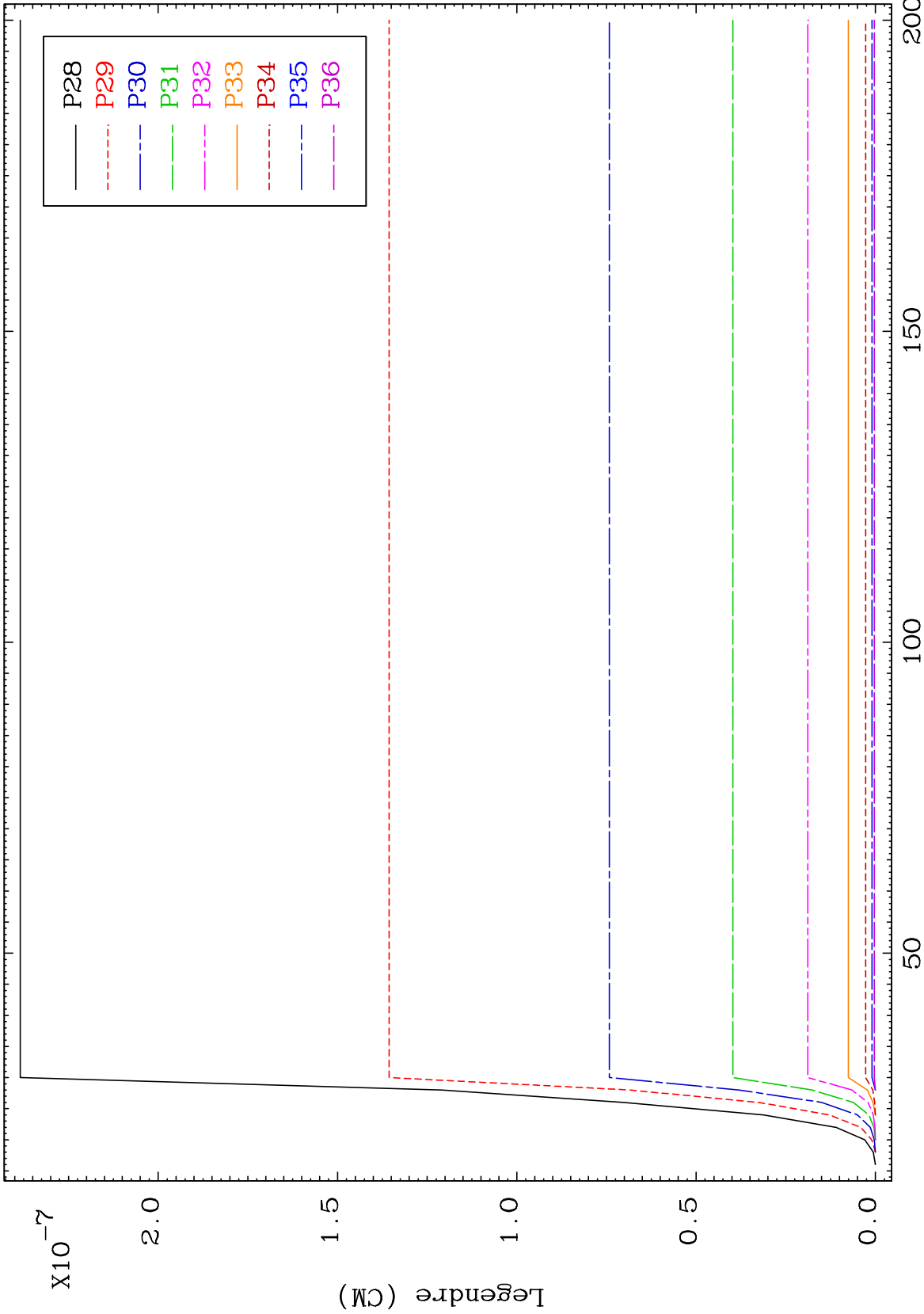
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



50

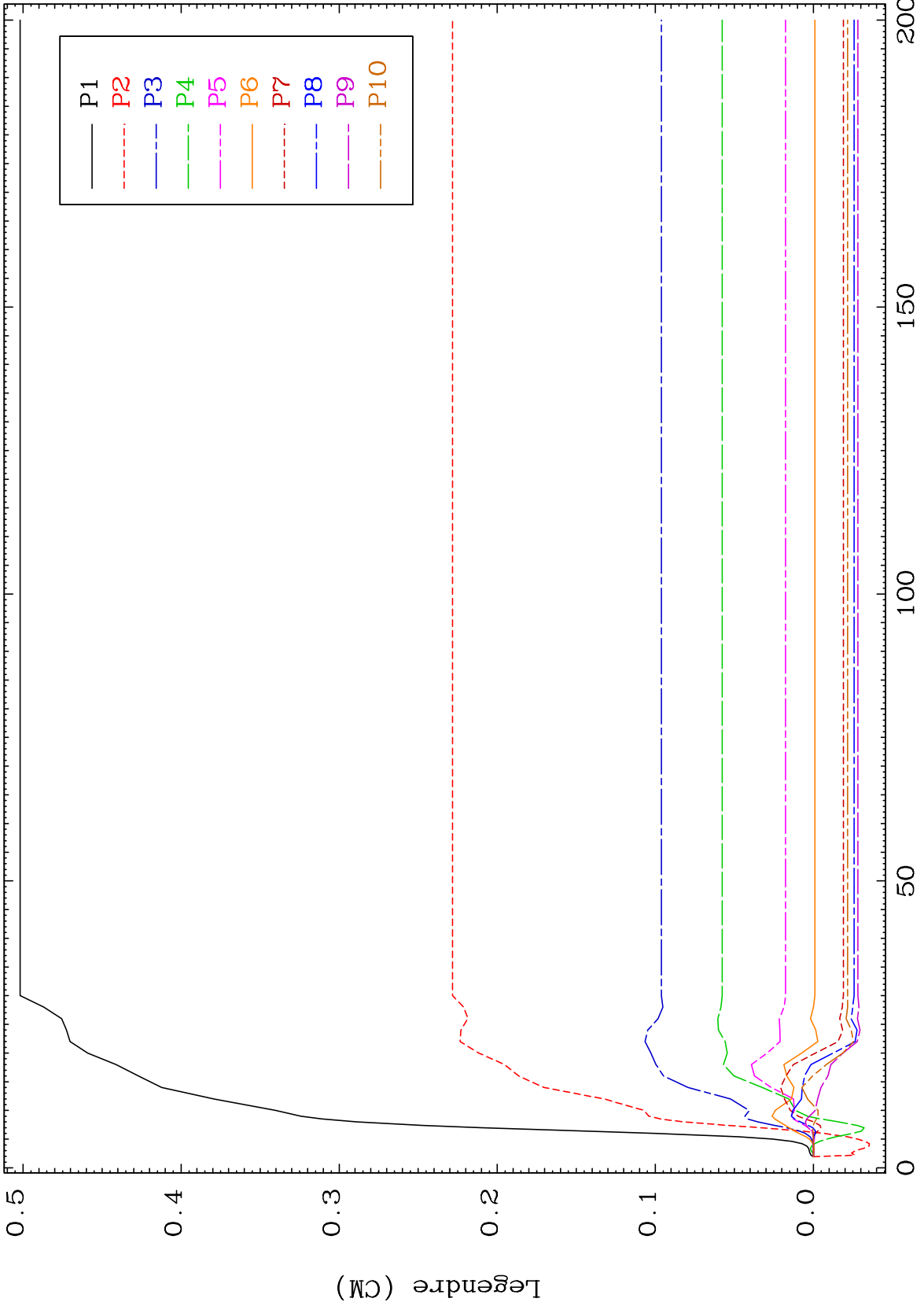
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



51

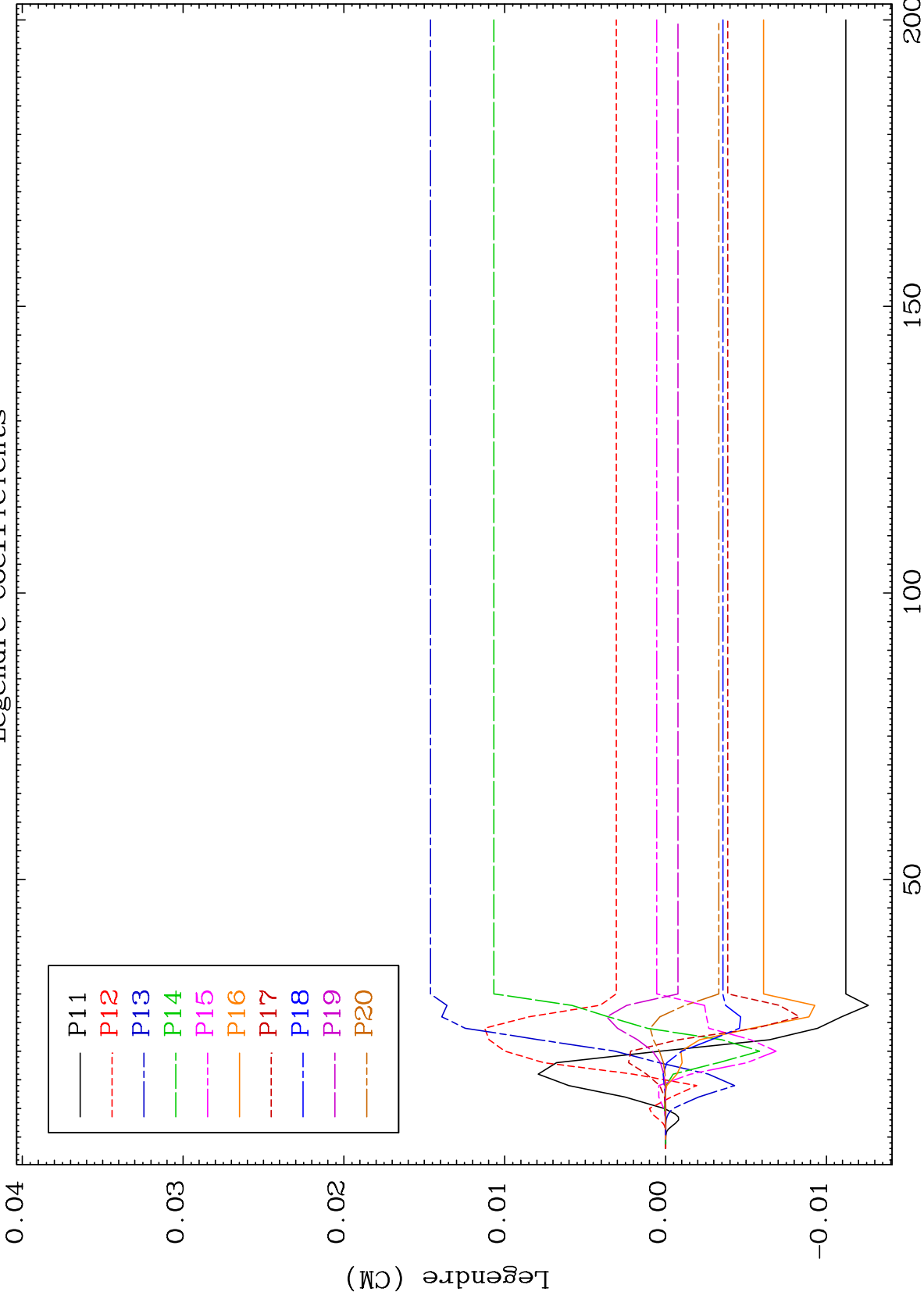
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



52

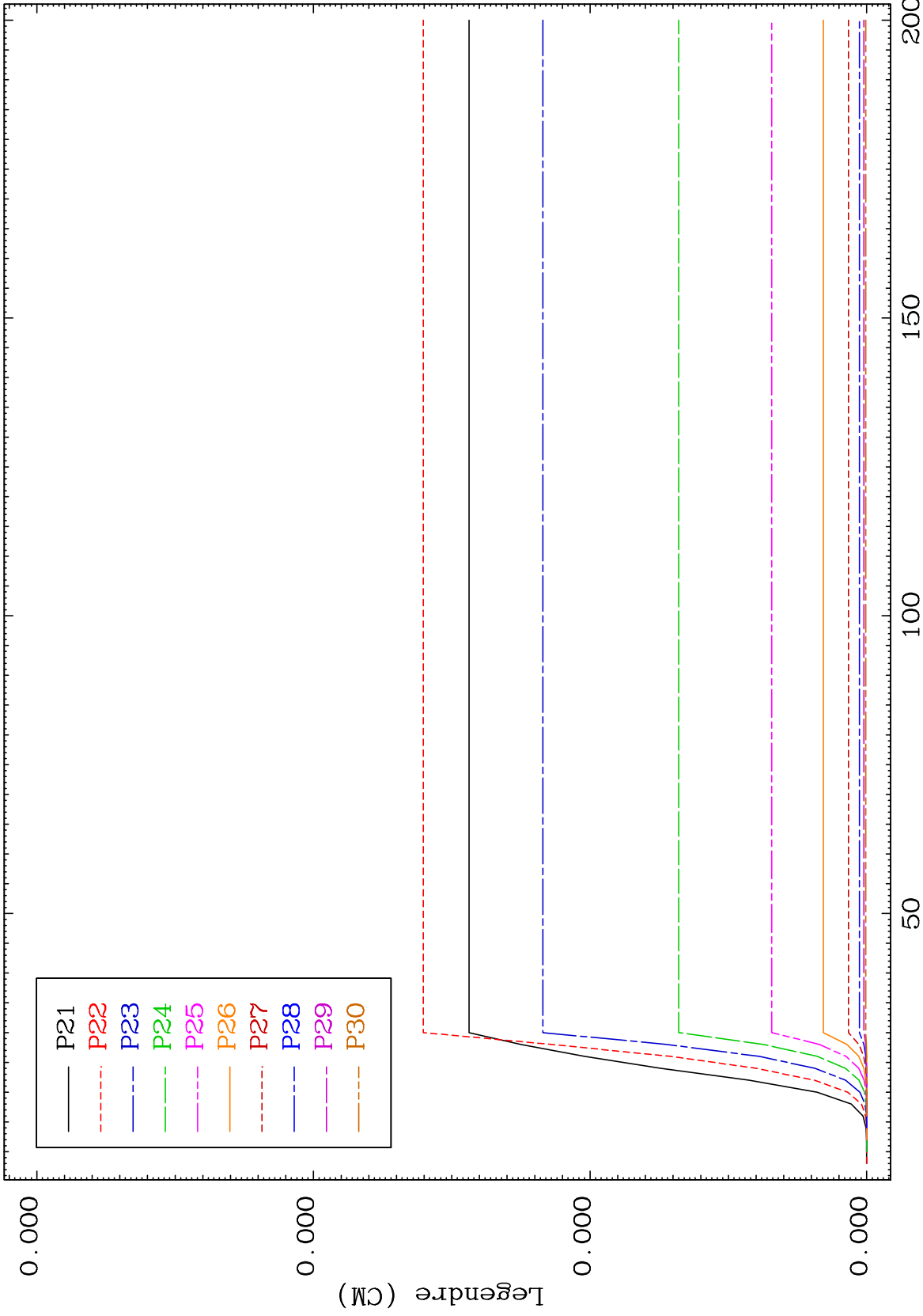
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



53

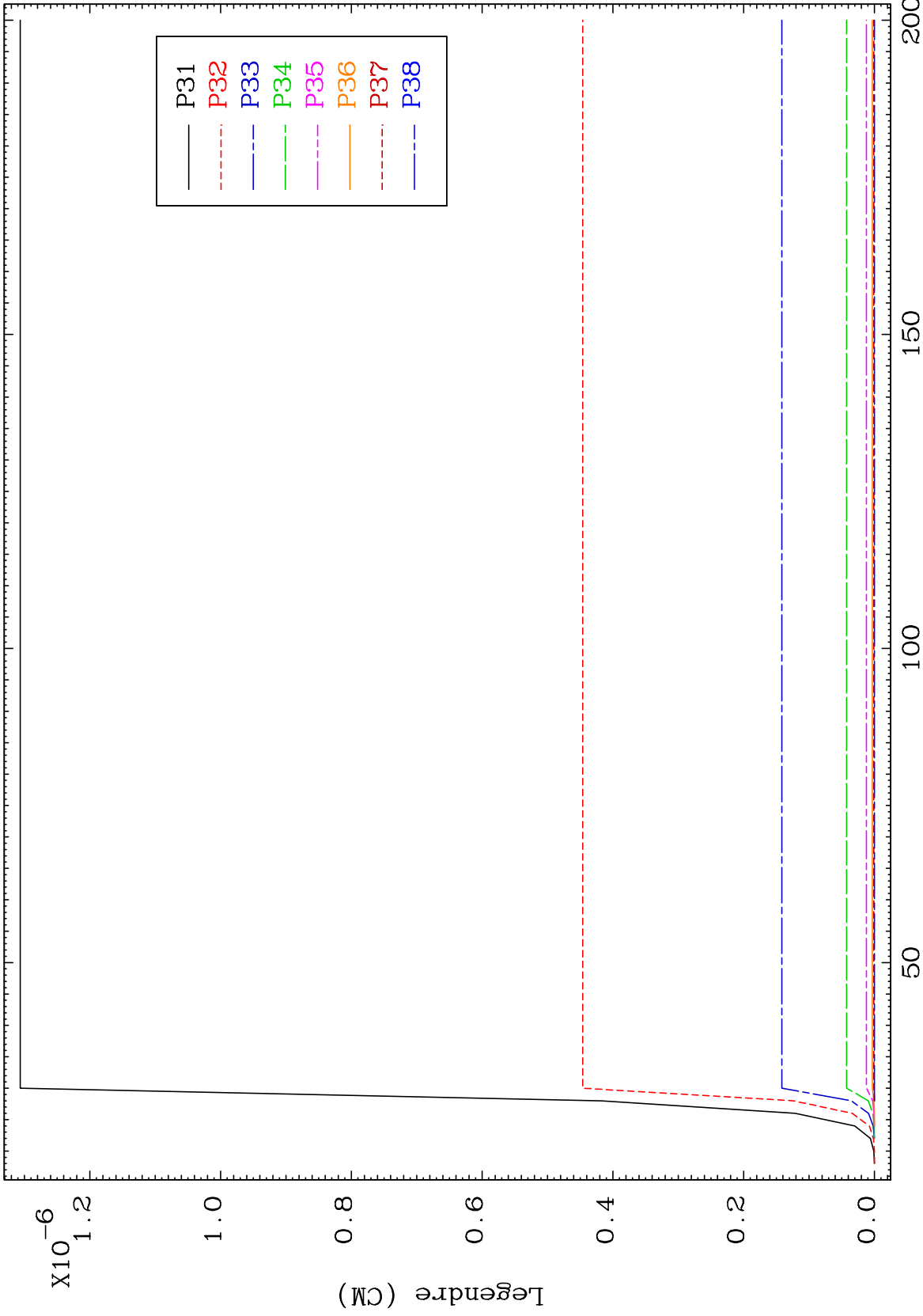
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206

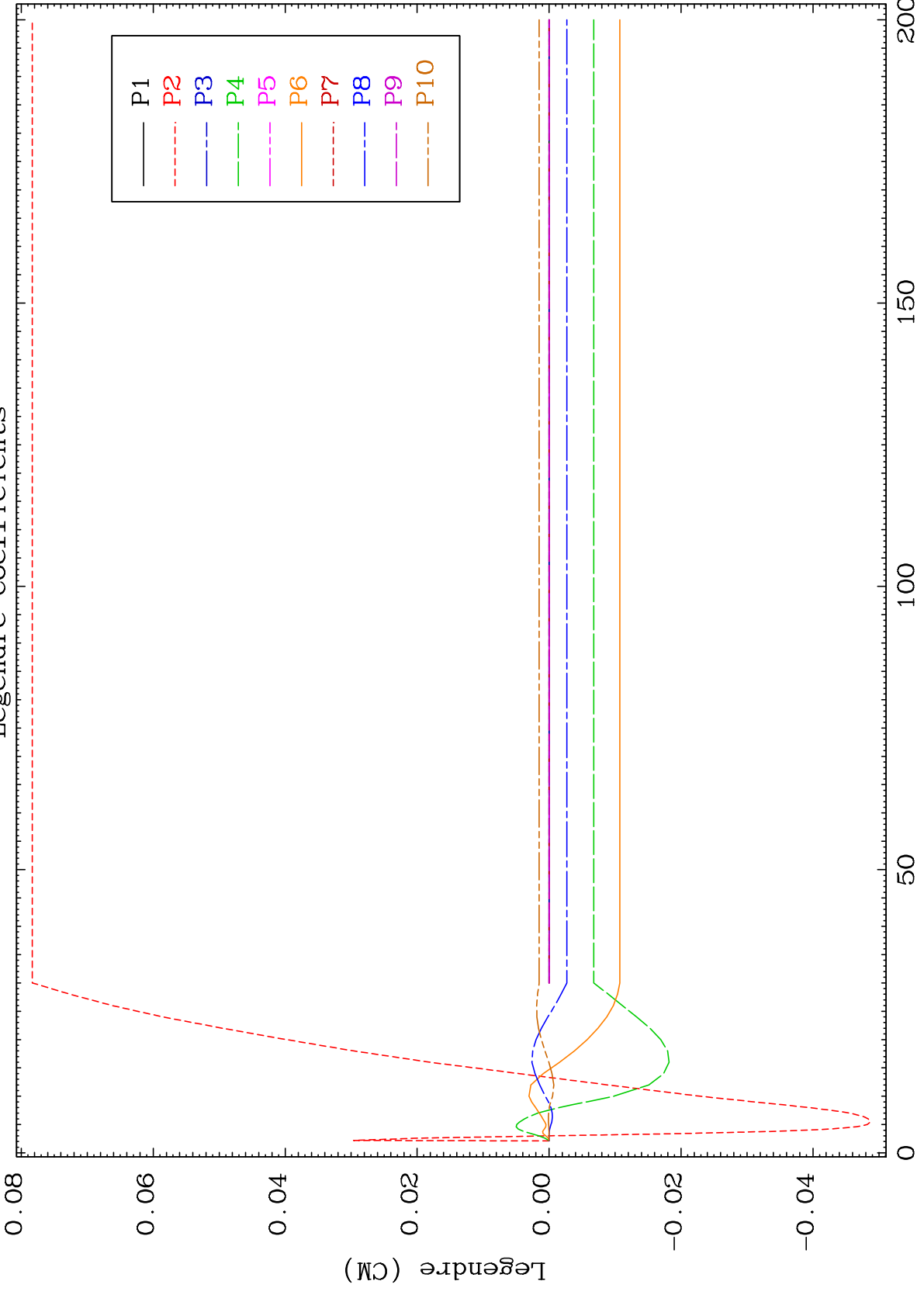


54

Incident Energy (MeV)

84-Po-206

MAT 8425 MT= 60 (n,n') Level Legendre Coefficients 84-Po-206



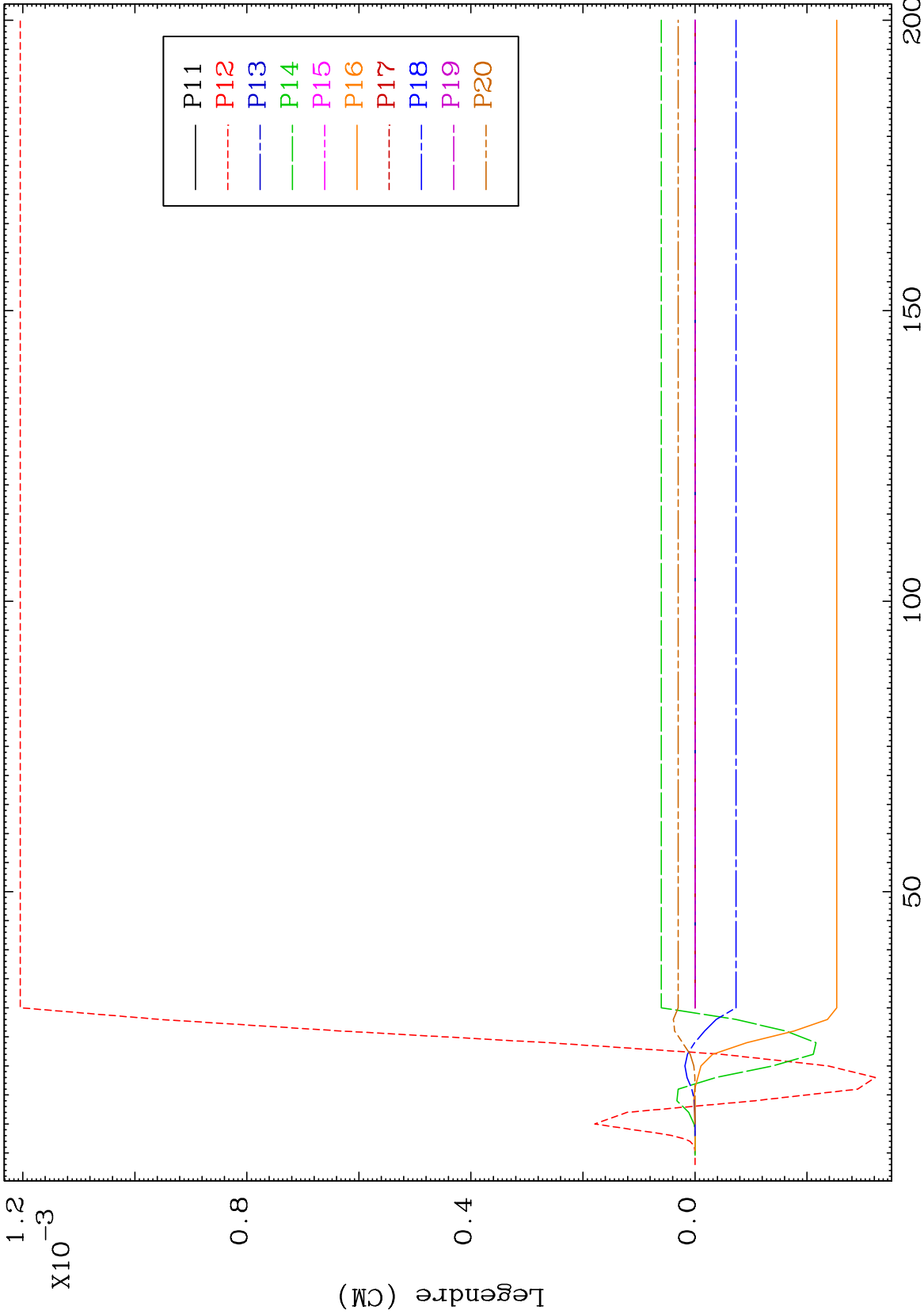
55 Incident Energy (MeV) 84-Po-206



MAT 8425

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

84-Po-206



56

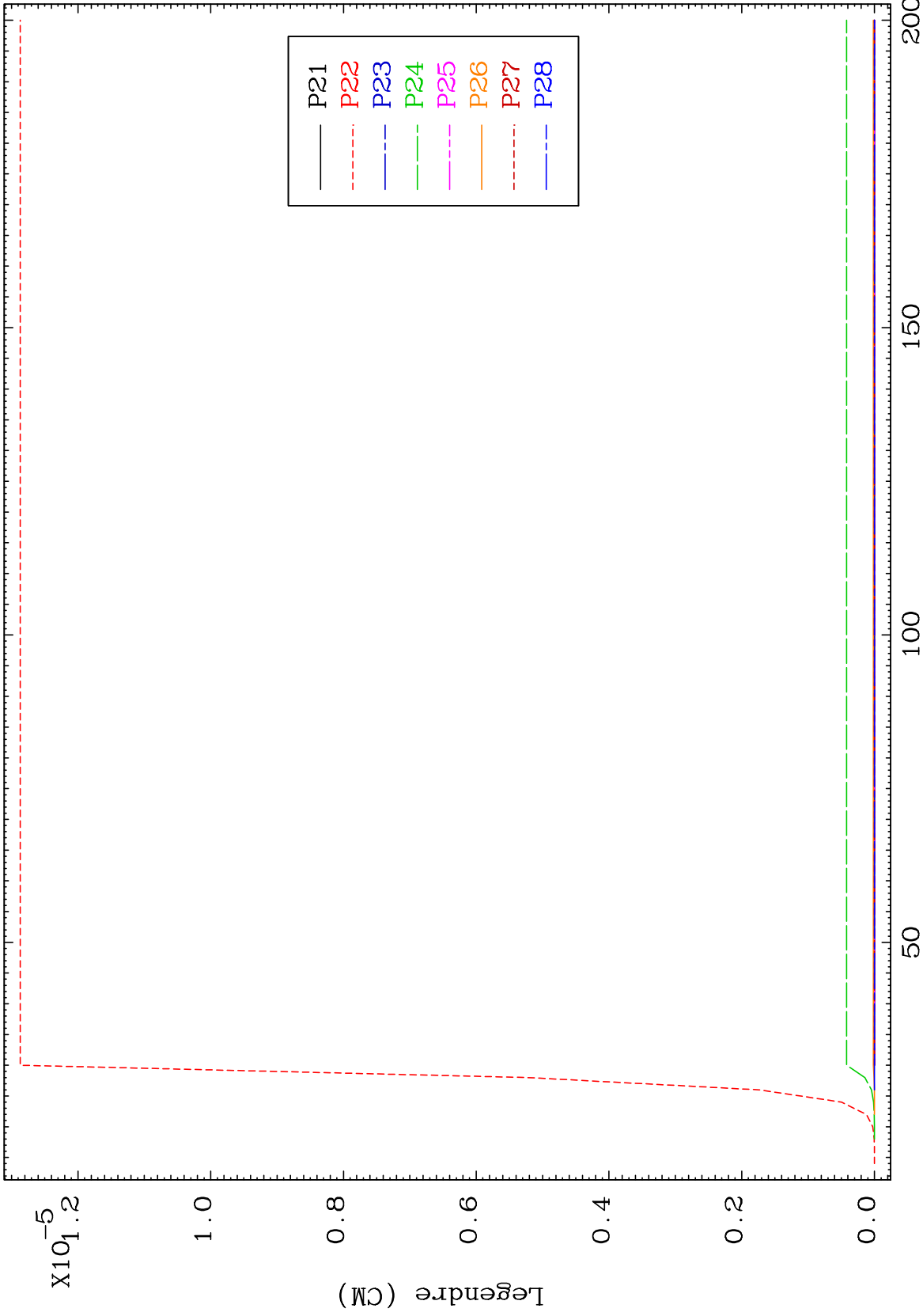
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



57

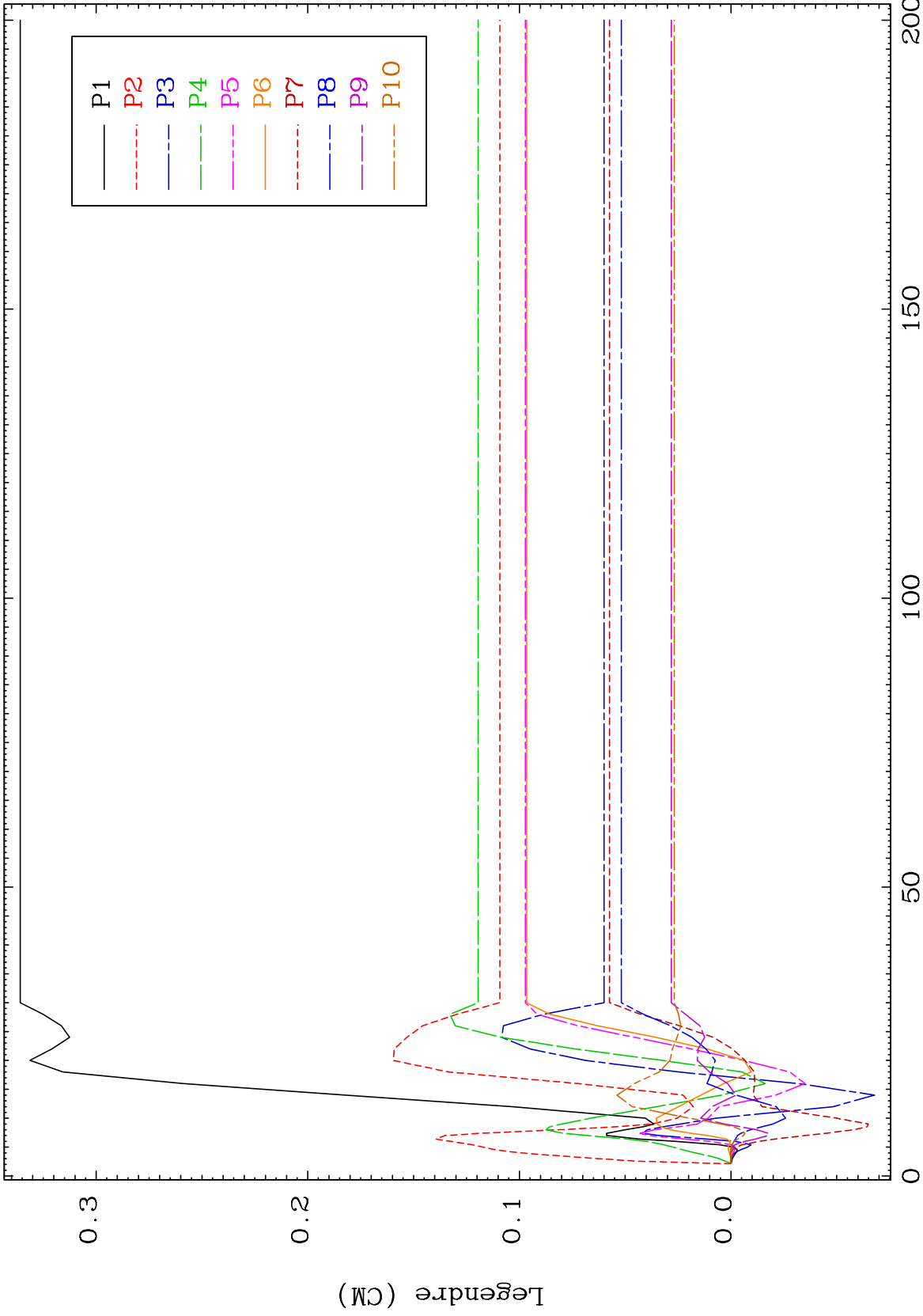
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



58

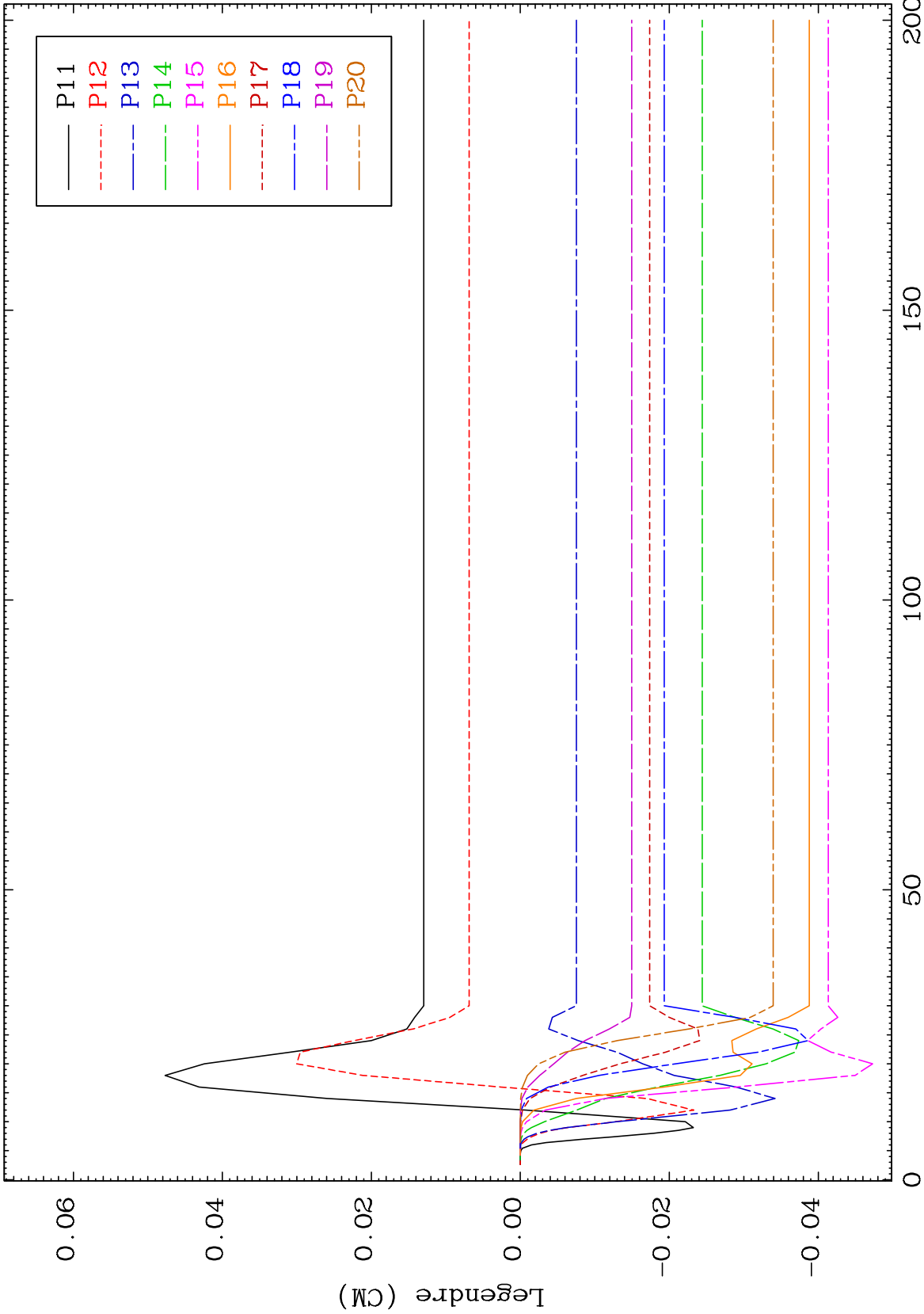
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



59

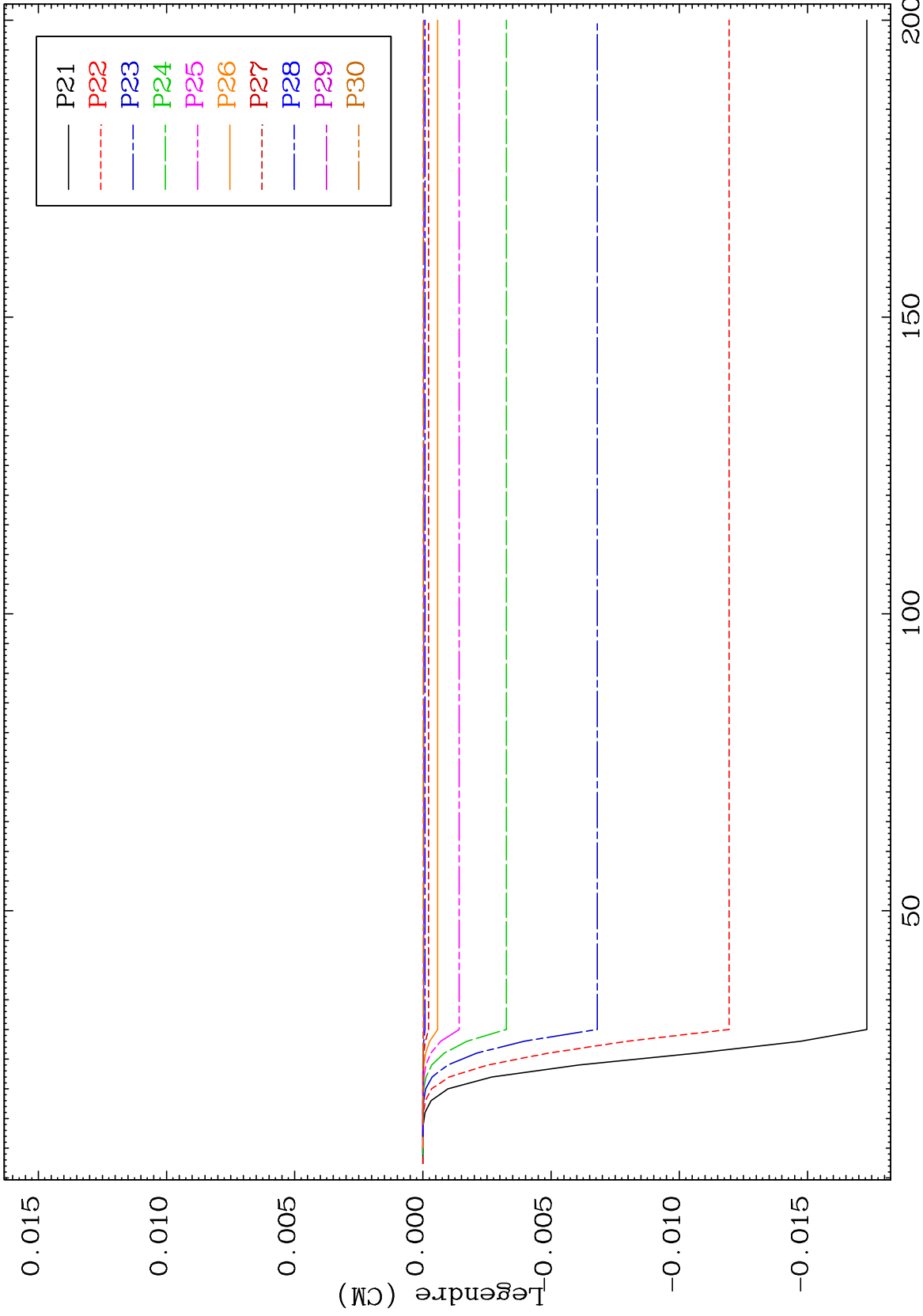
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



60

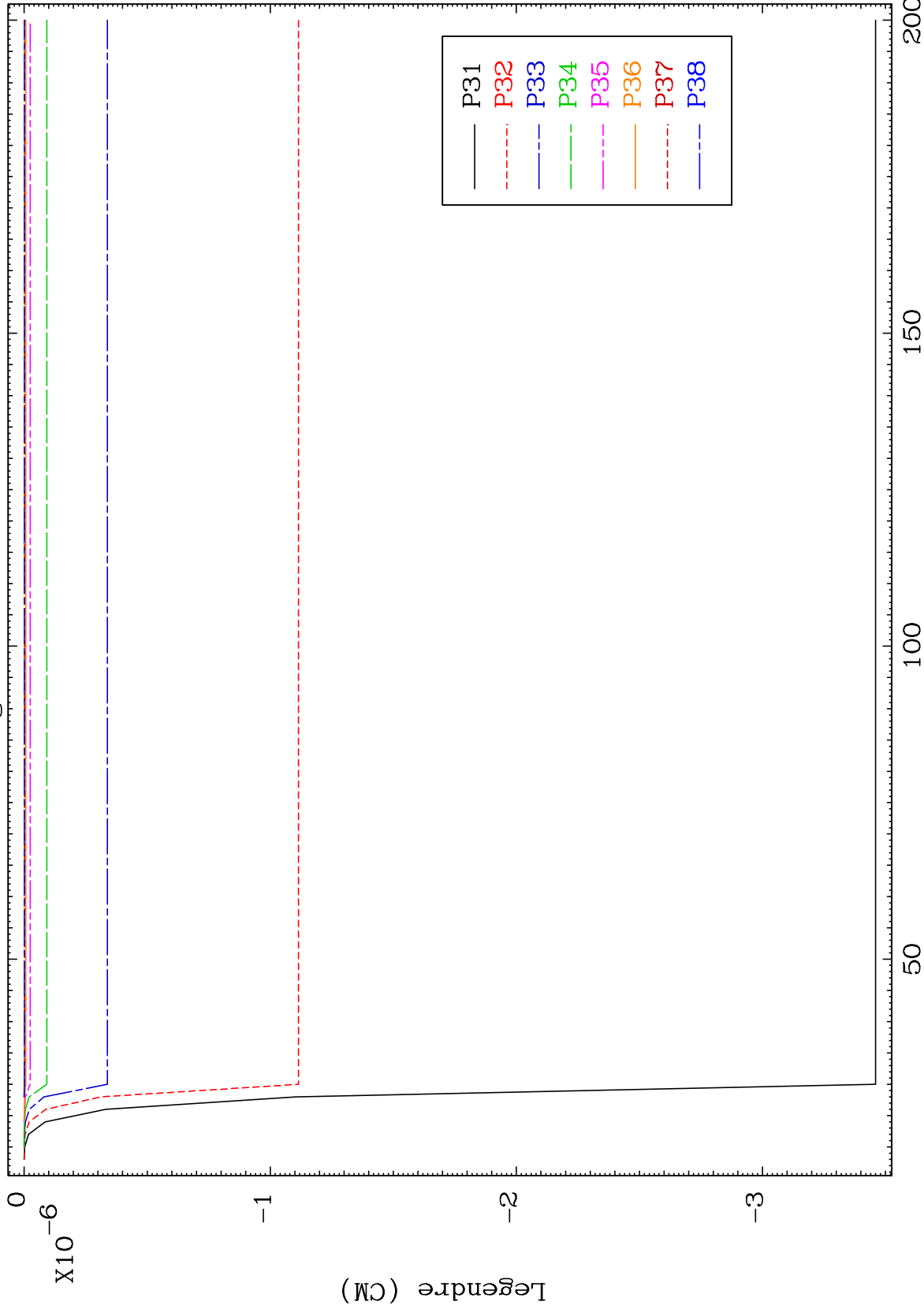
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



84-Po-206

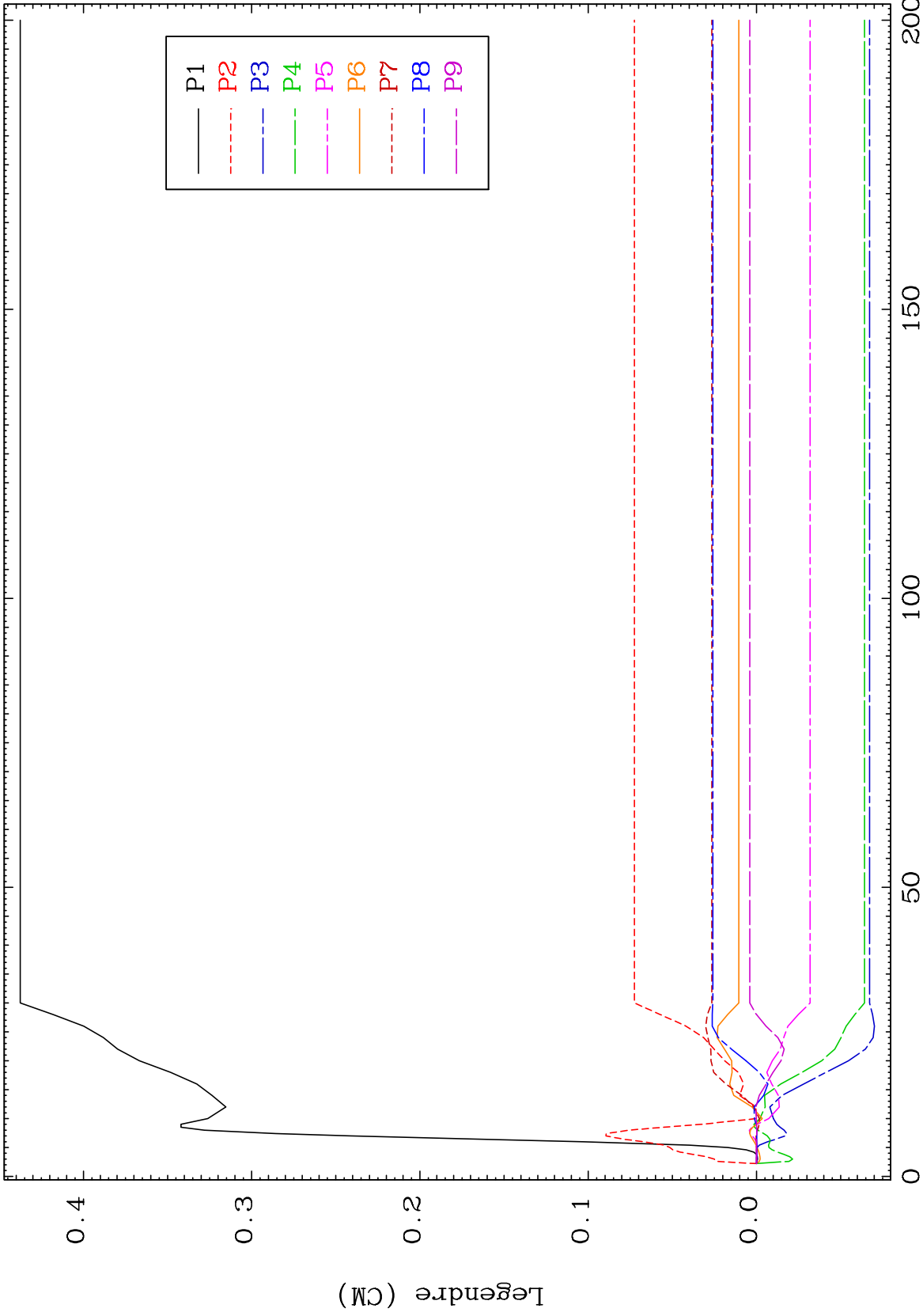
Incident Energy (MeV)

61

MAT 8425

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

84-Po-206



62

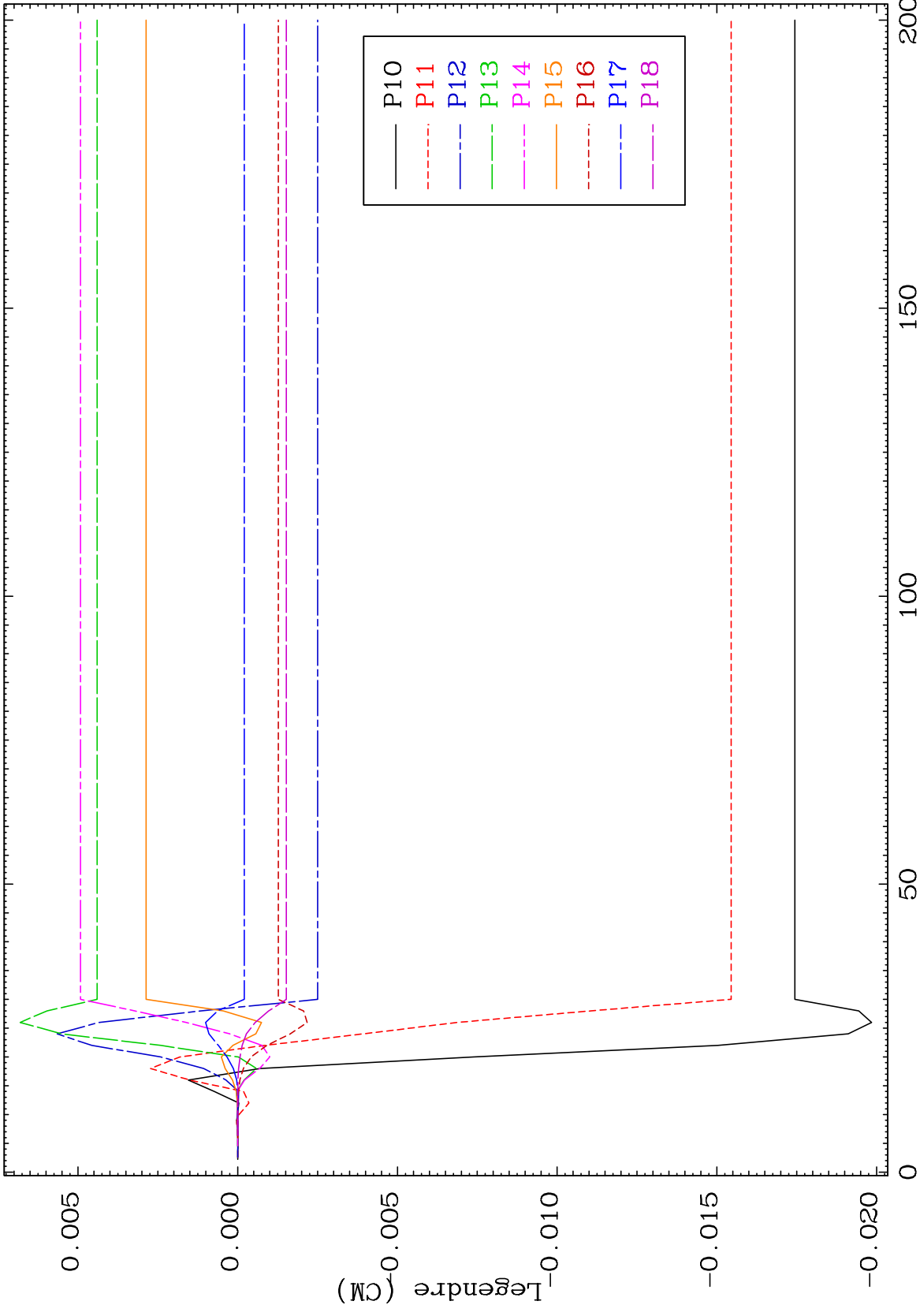
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



63

Incident Energy (MeV)

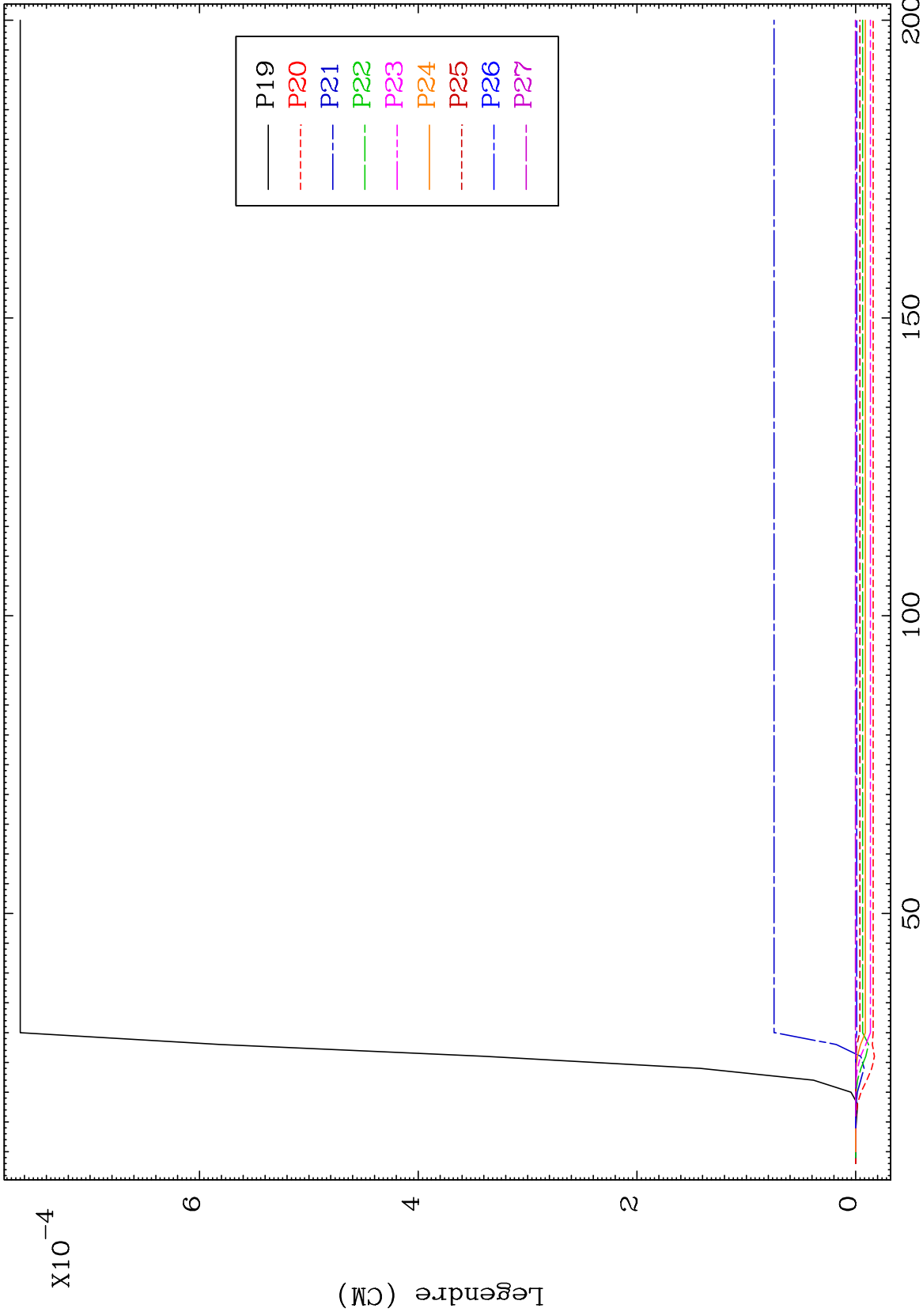
84-Po-206



MAT 8425

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

84-Po-206



64

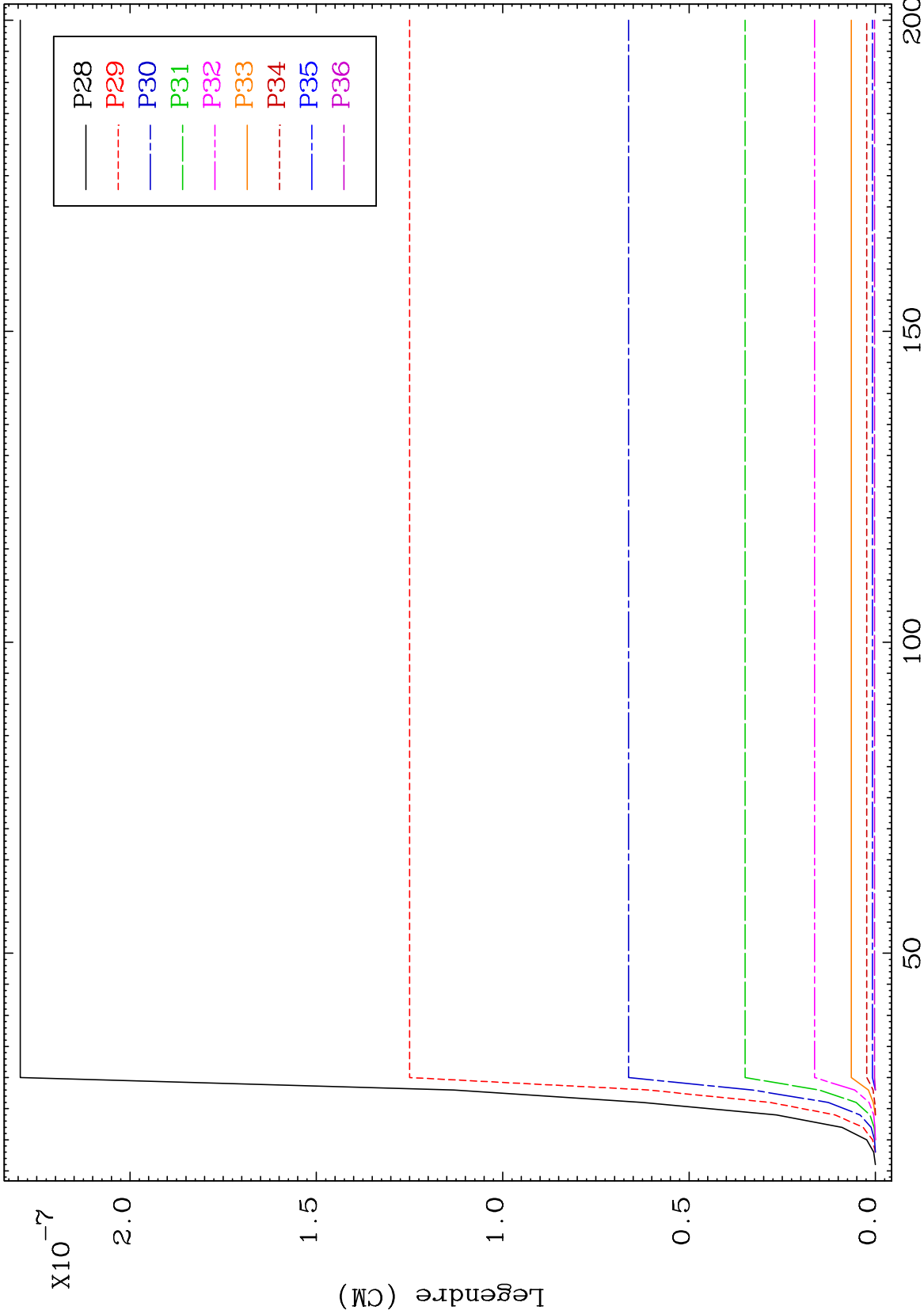
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



65

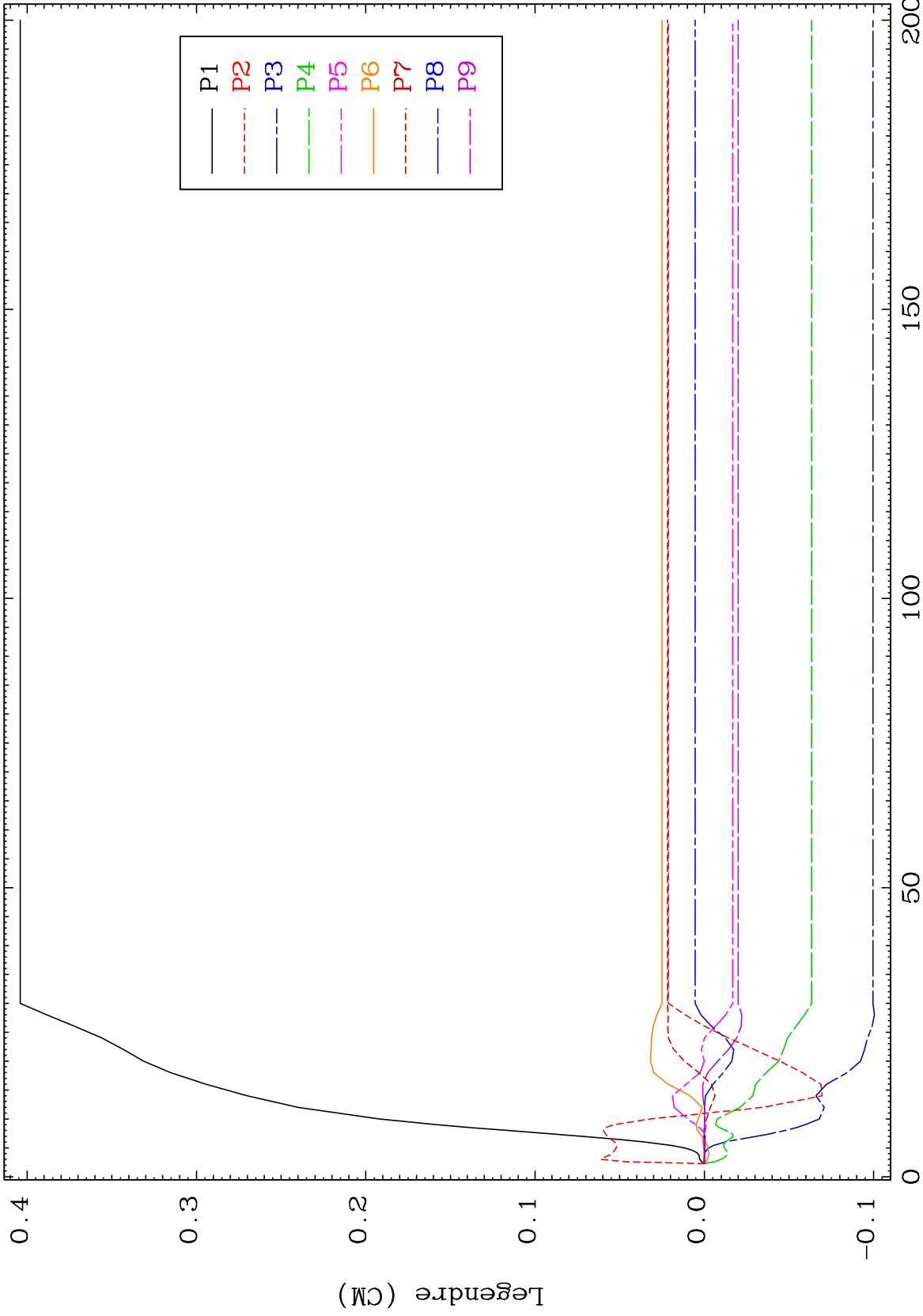
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



66

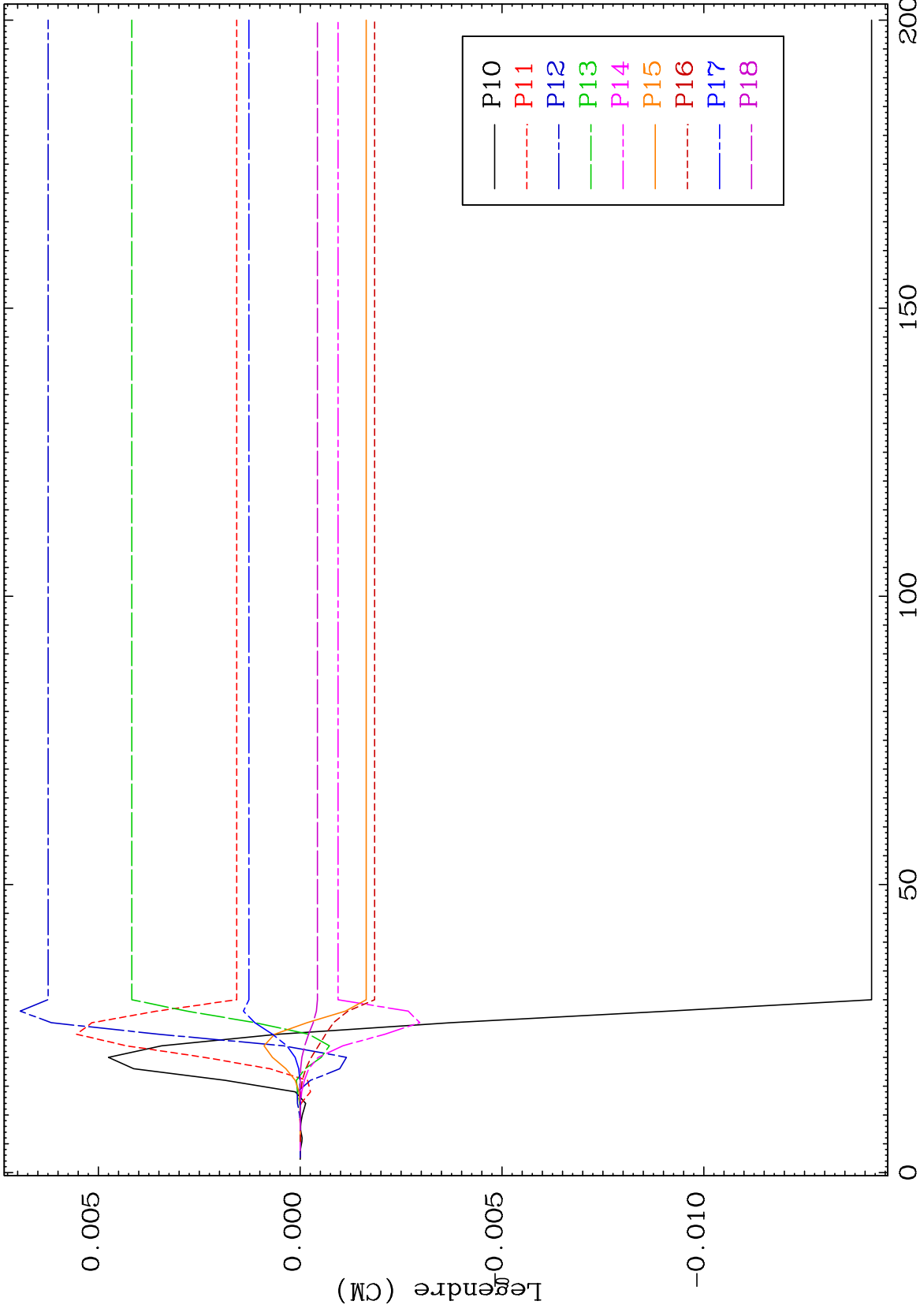
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



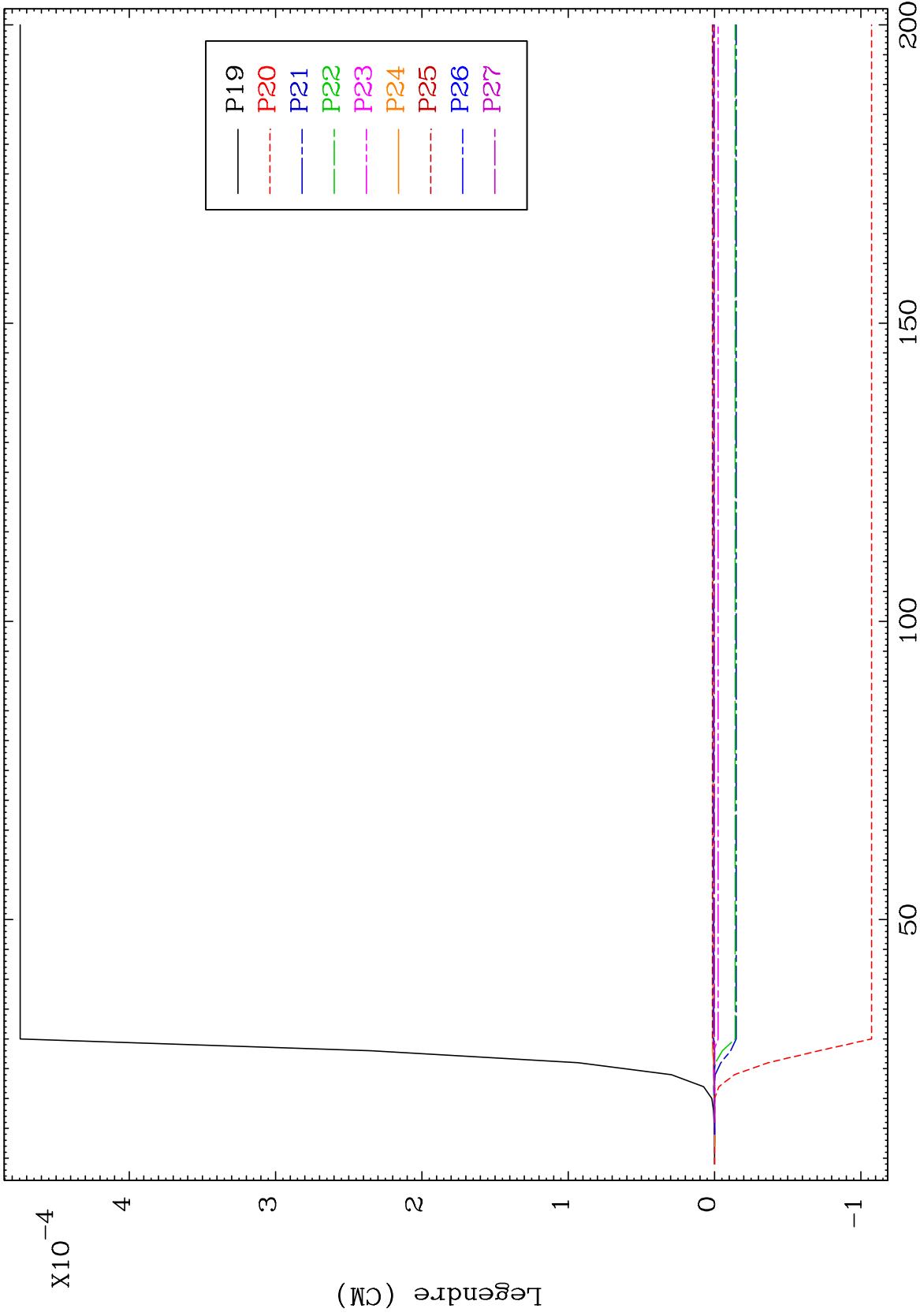
67

84-Po-206

MAT 8425

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

84-Po-206



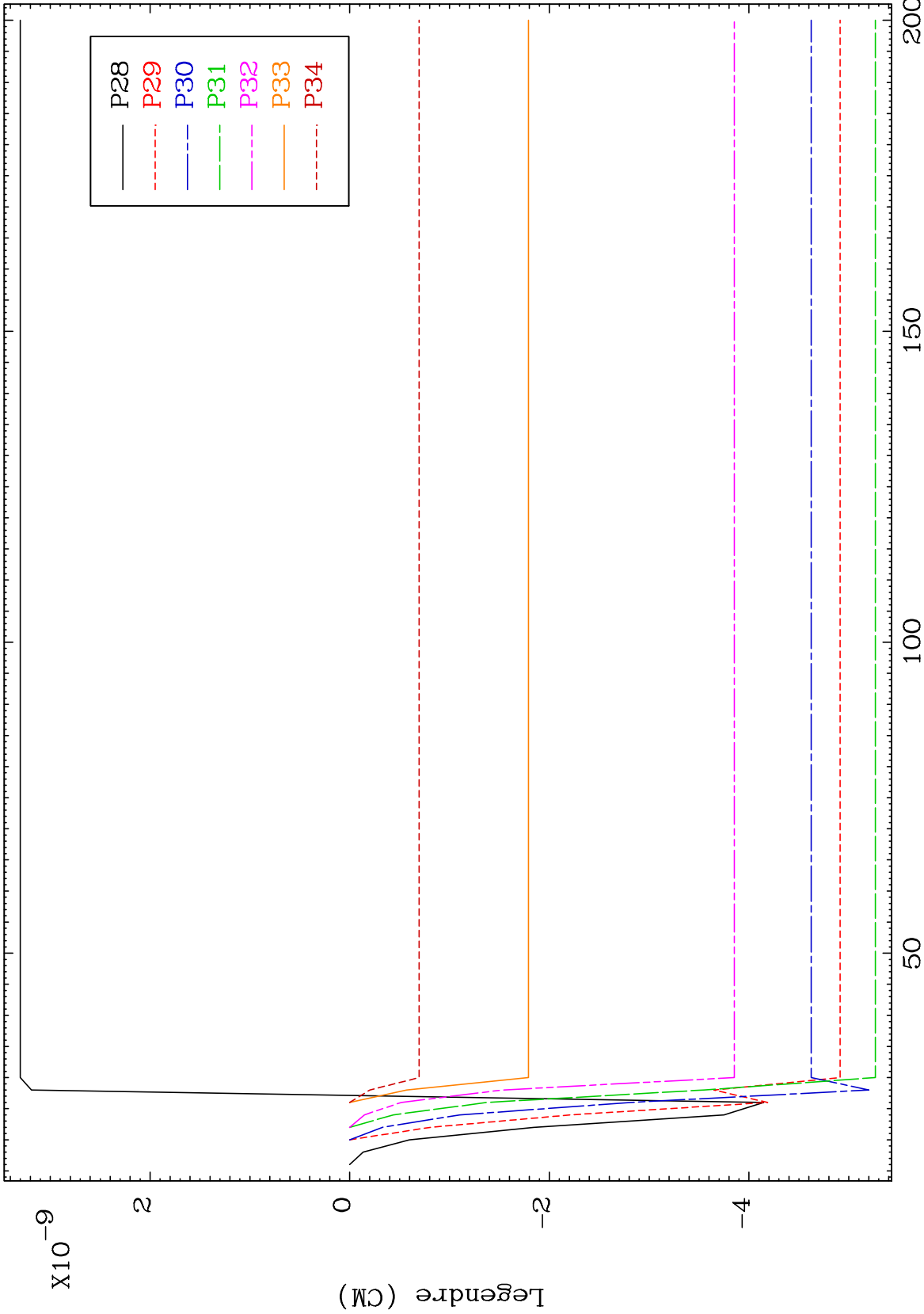
68

84-Po-206

MAT 8425

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

84-Po-206



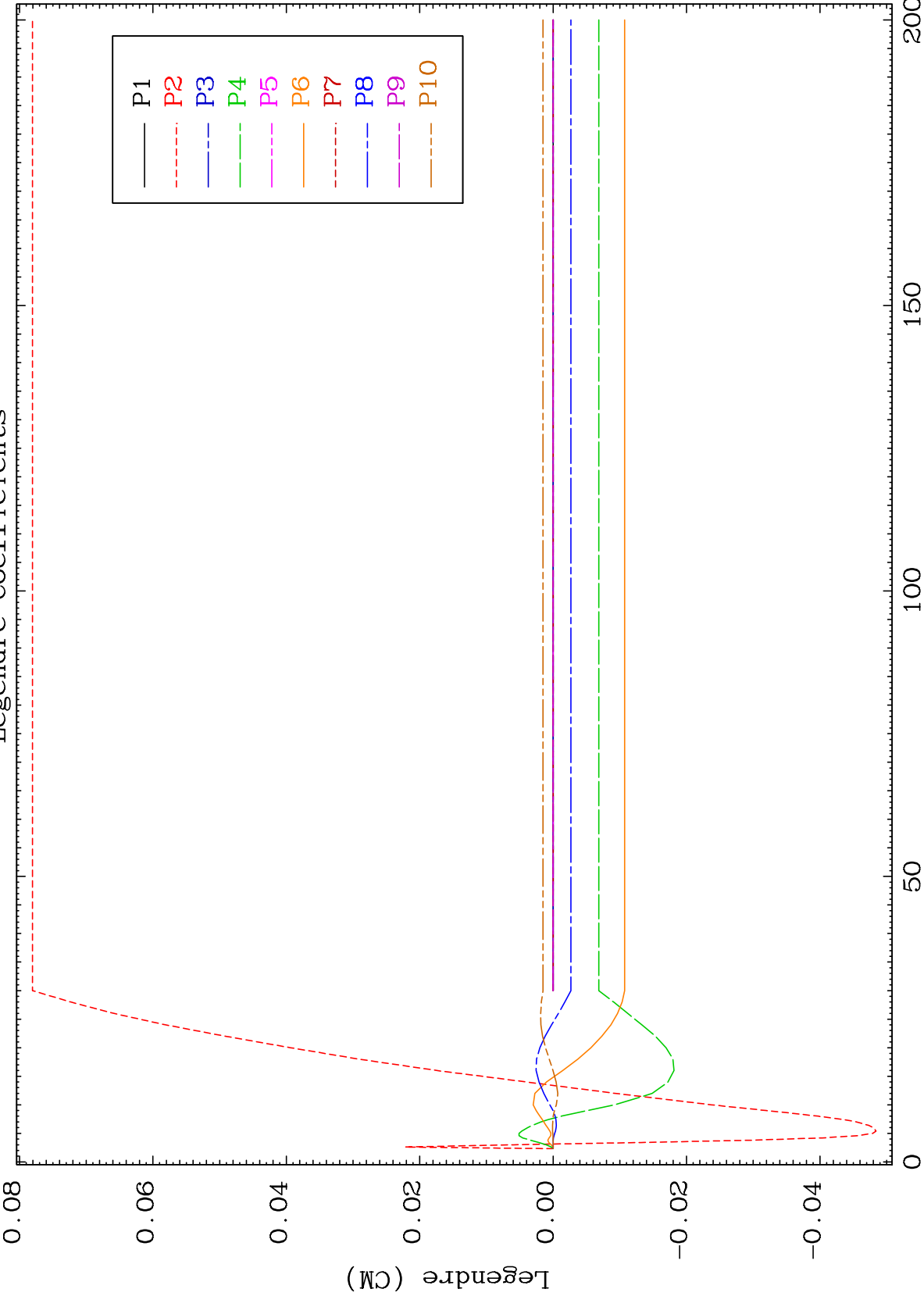
69

Incident Energy (MeV)

84-Po-206

MAT 8425 MT= 64 (n,n') Level Legendre Coefficients

84-Po-206



84-Po-206

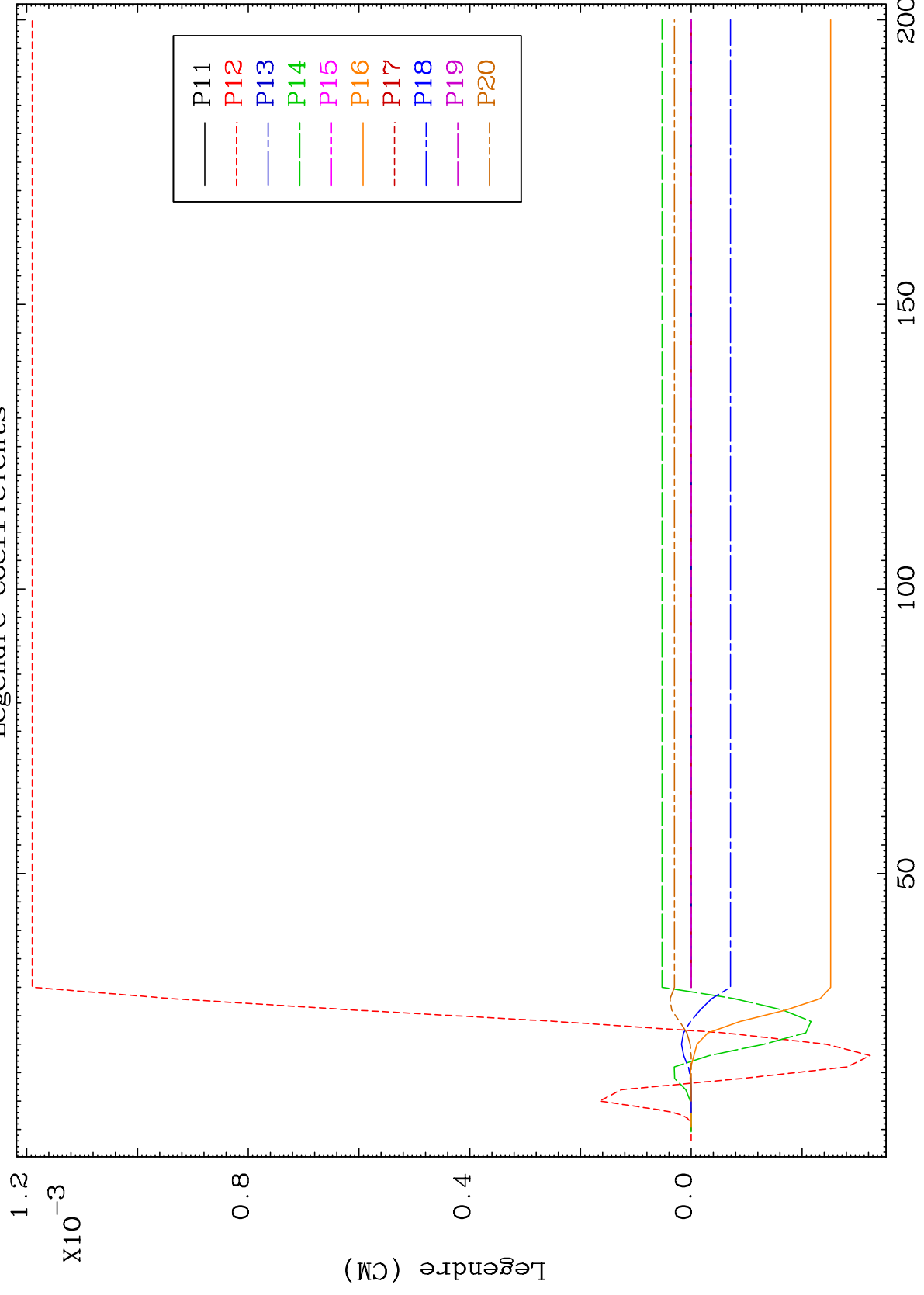
Incident Energy (MeV)

70

MAT 8425

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

84-Po-206



71

Incident Energy (MeV)

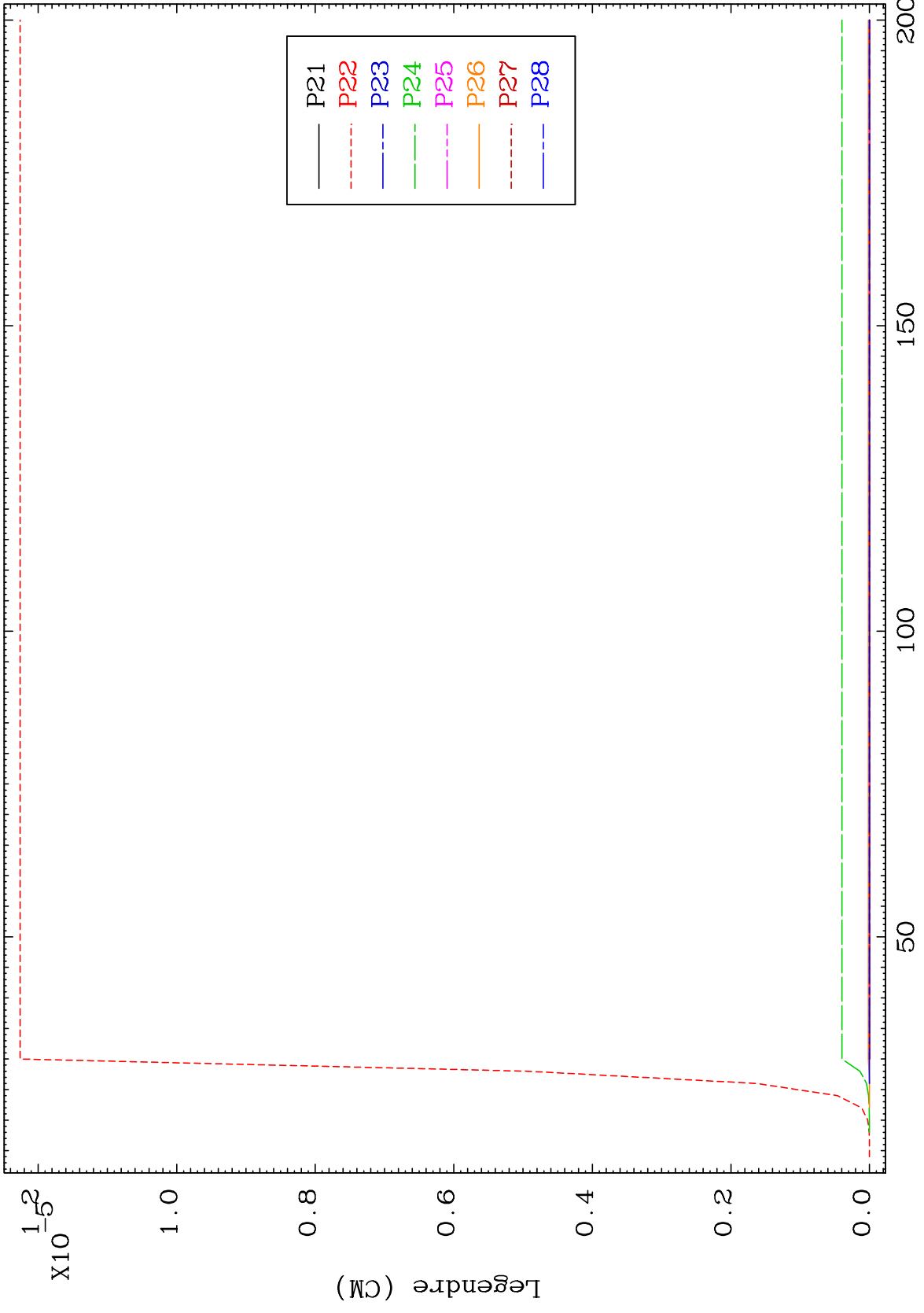
84-Po-206



MAT 8425

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

84-Po-206



72

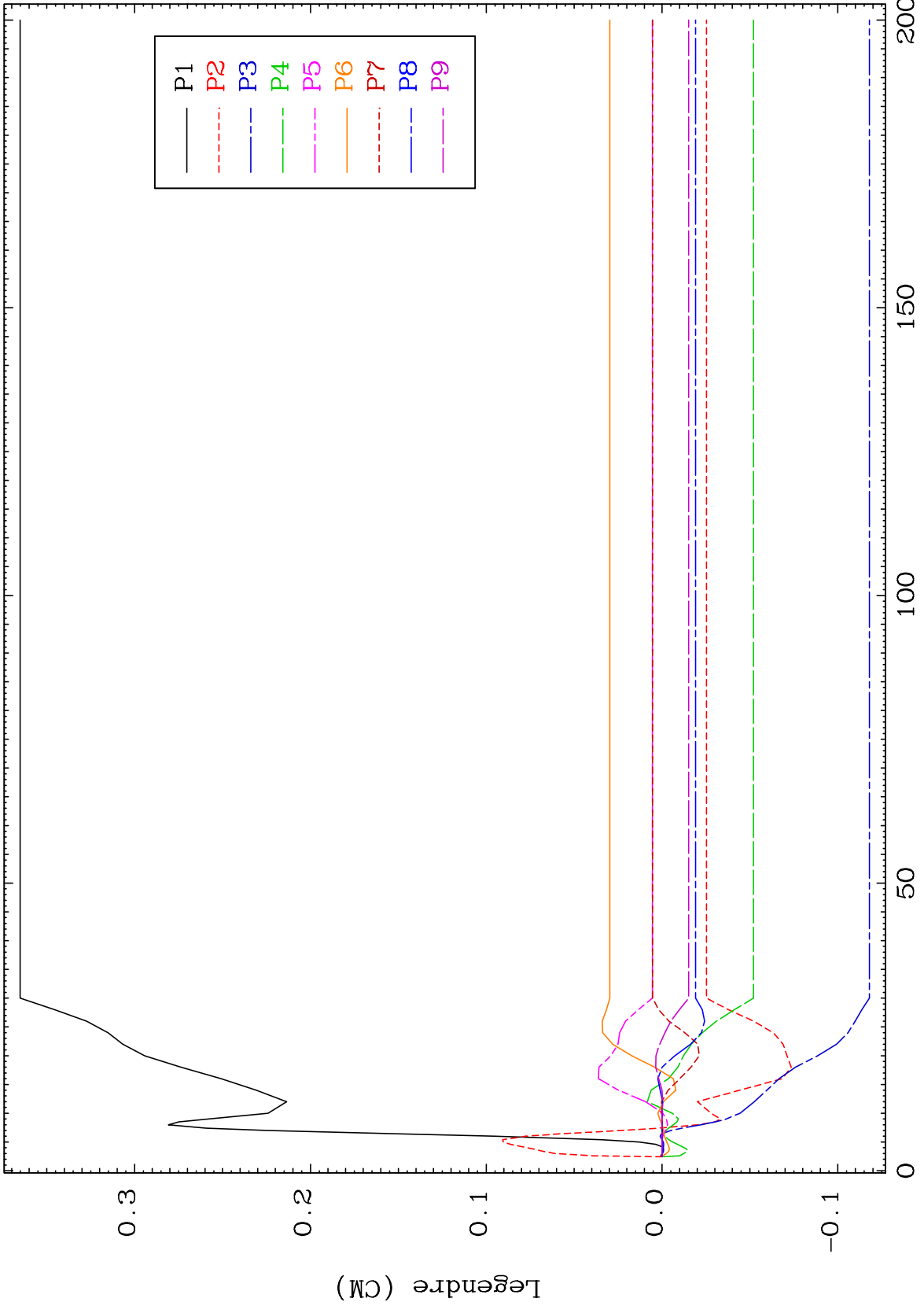
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



73

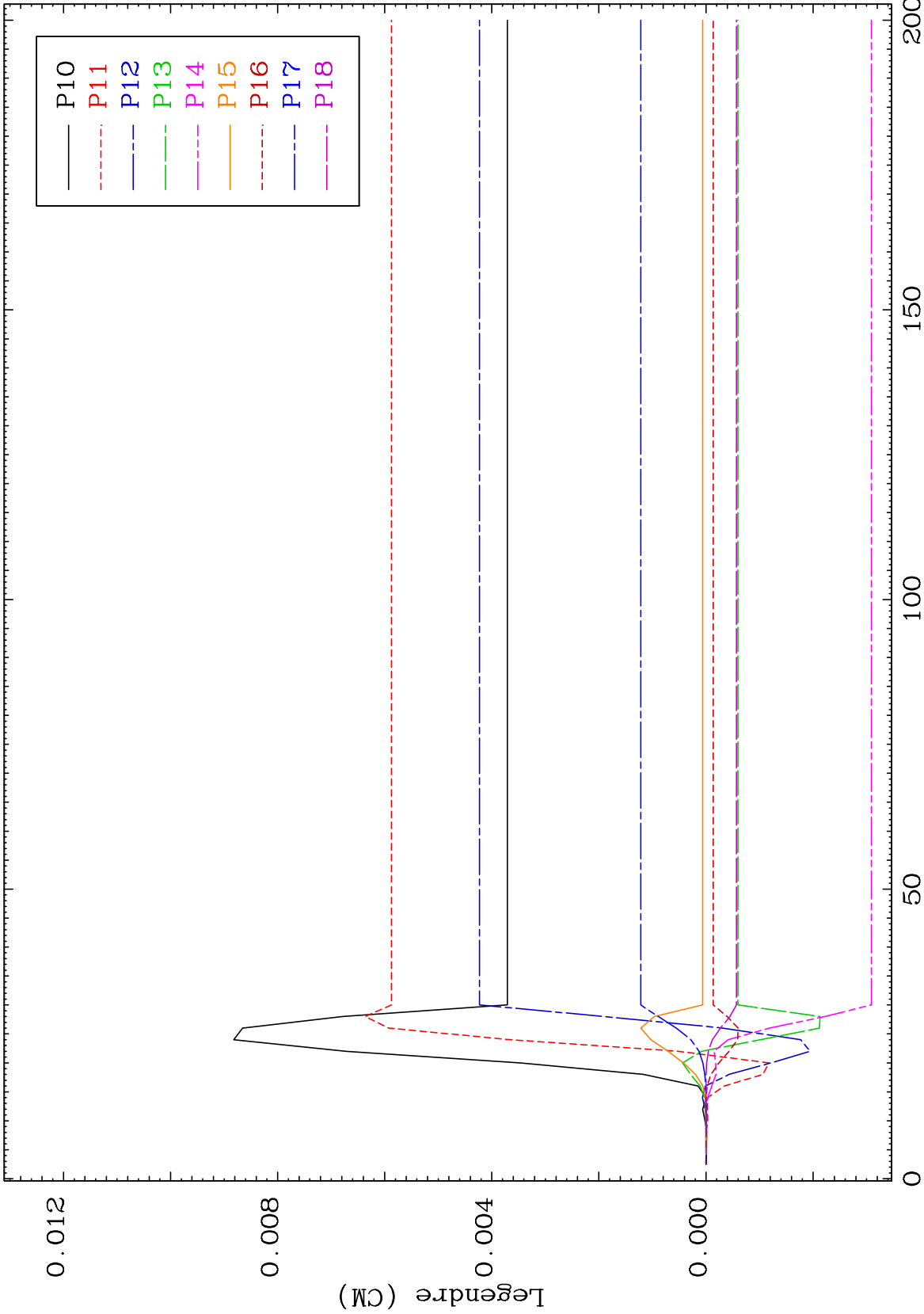
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



74

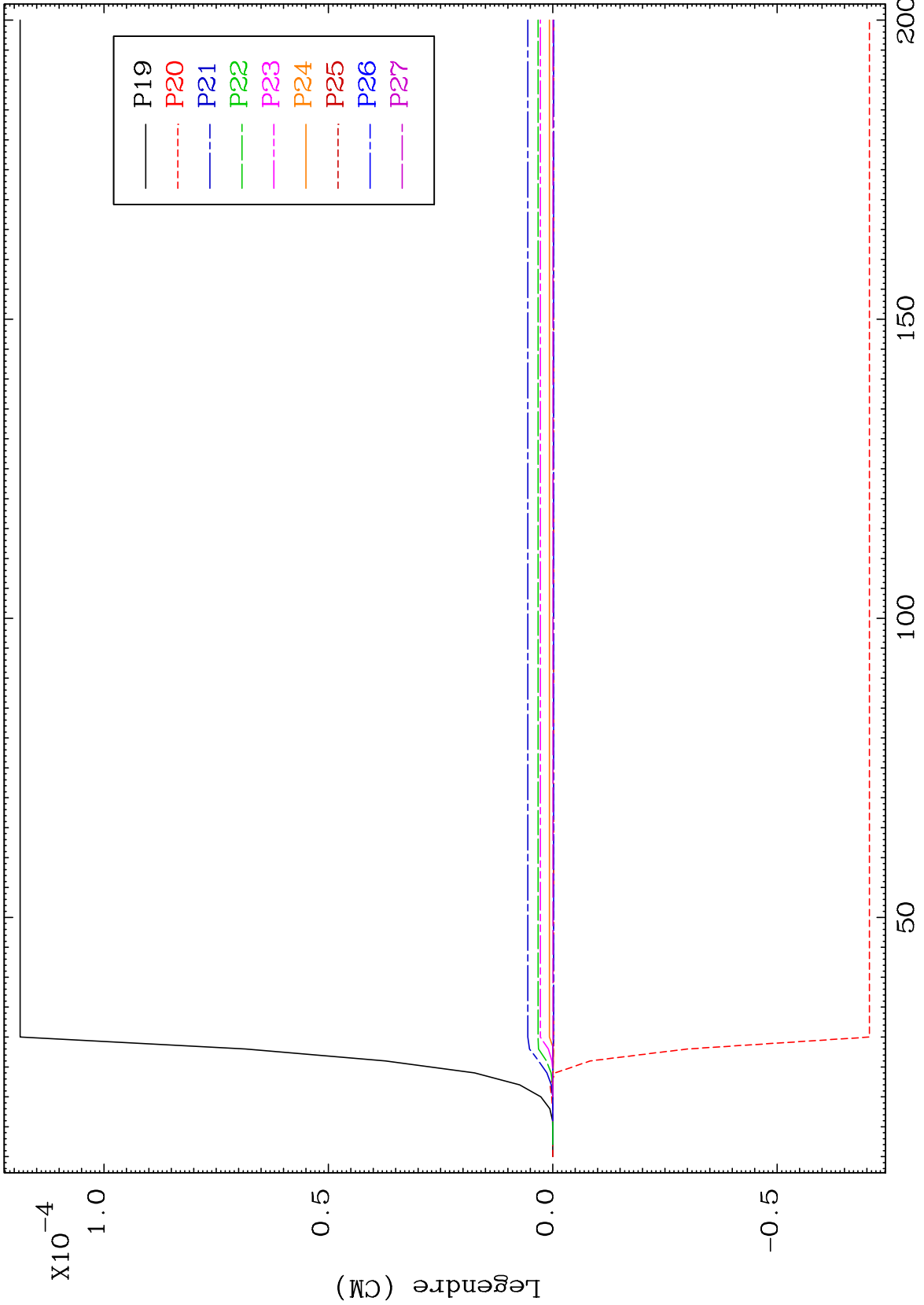
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



75

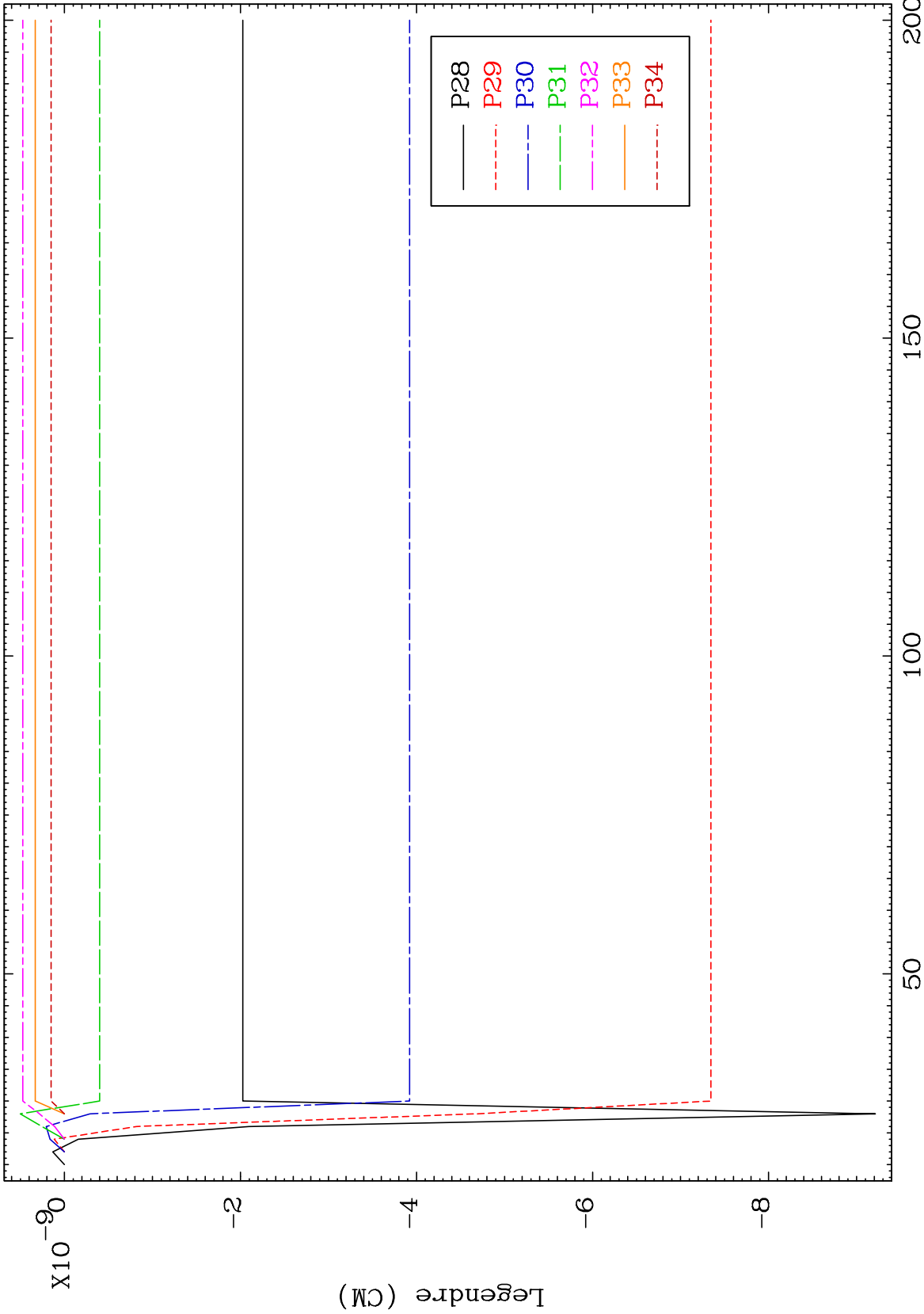
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



76

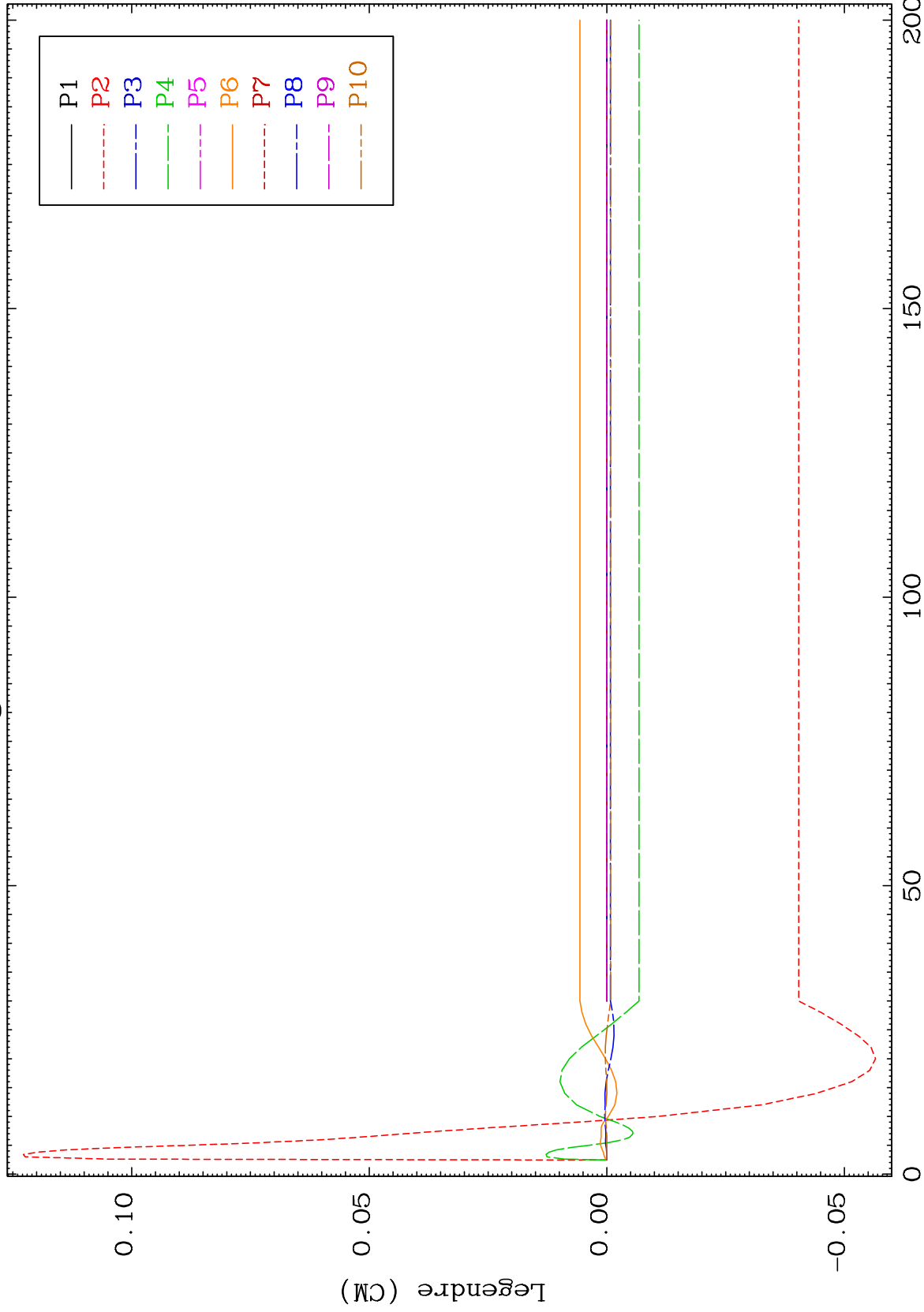
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



77

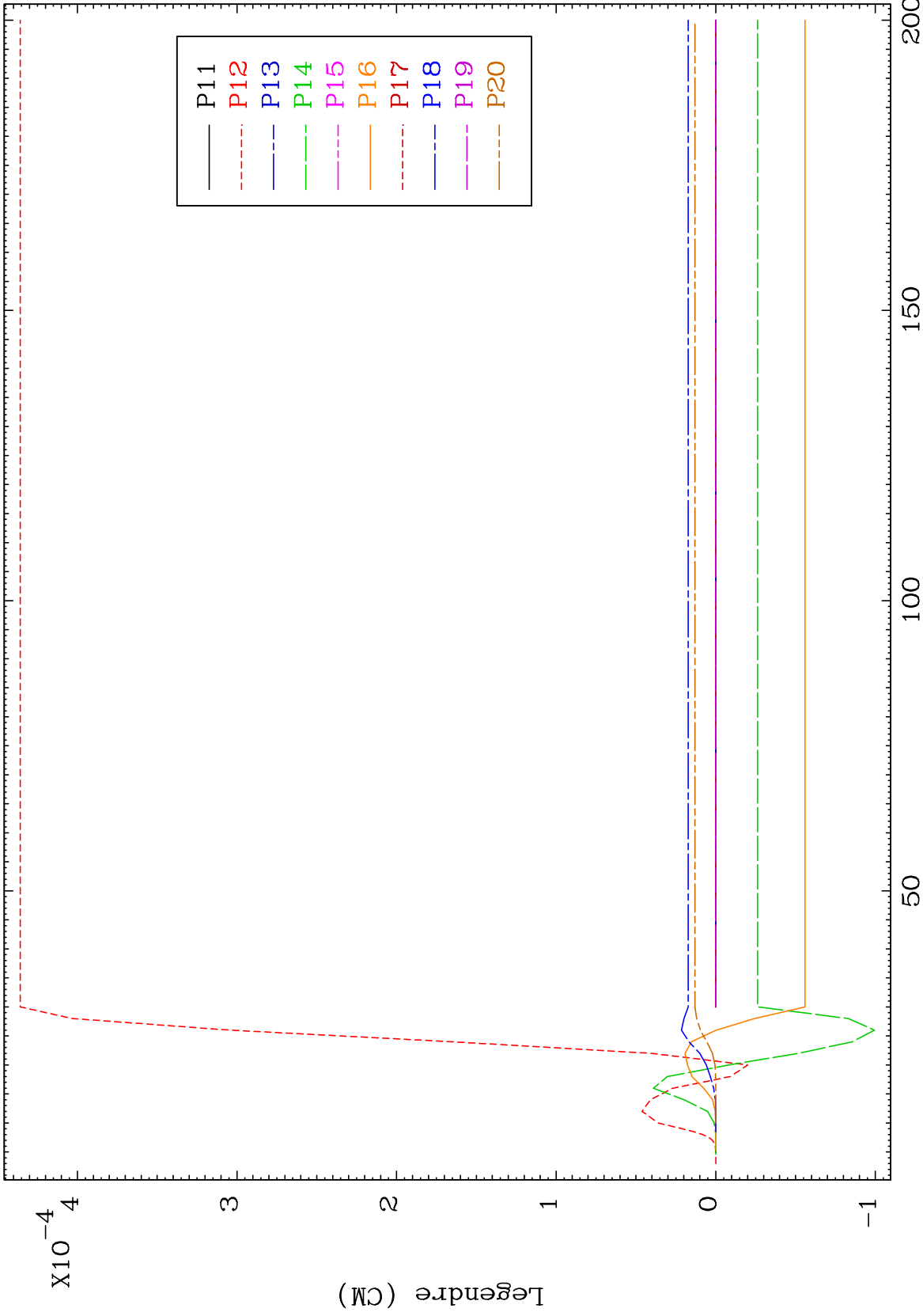
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



78

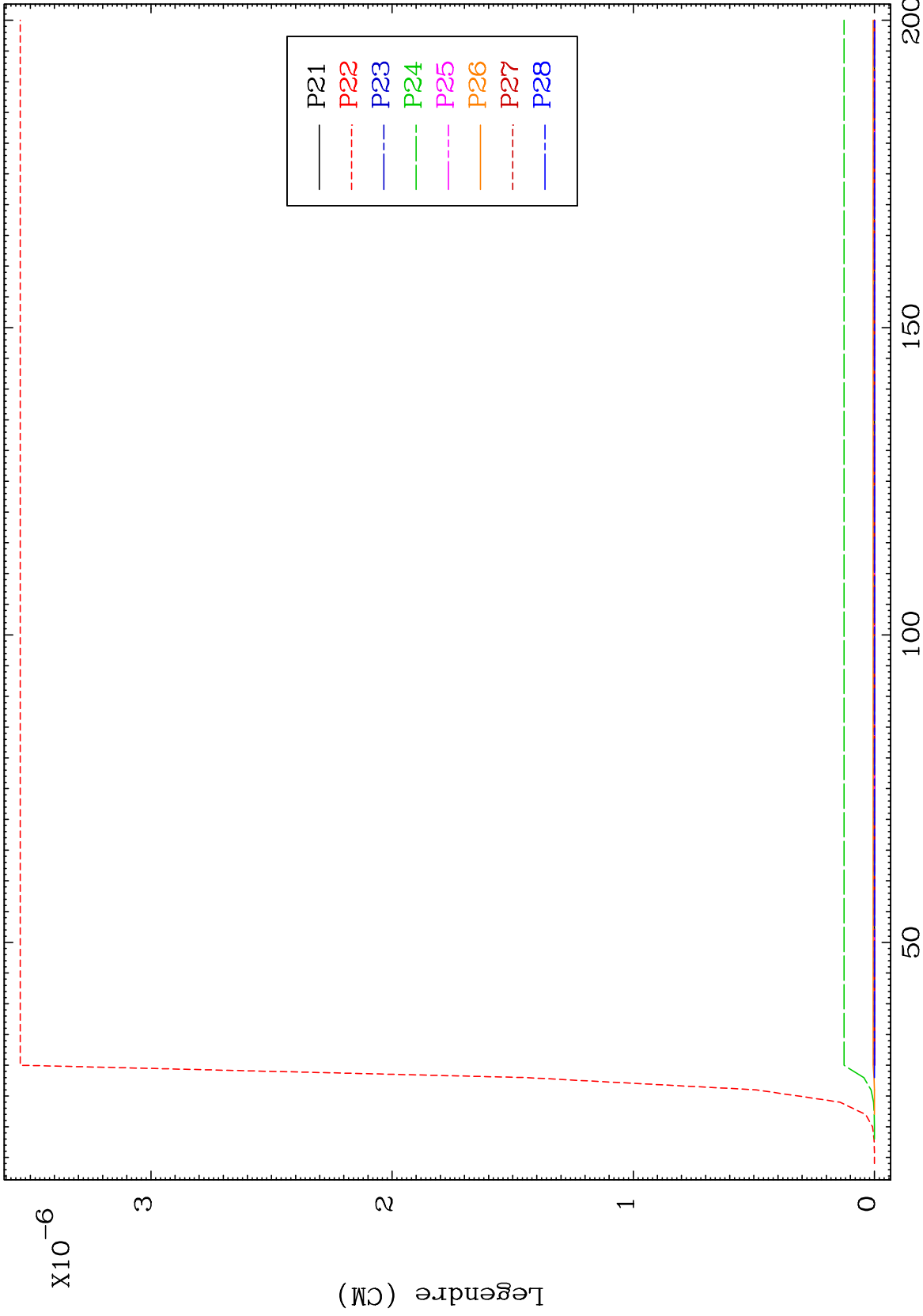
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



79

Incident Energy (MeV)

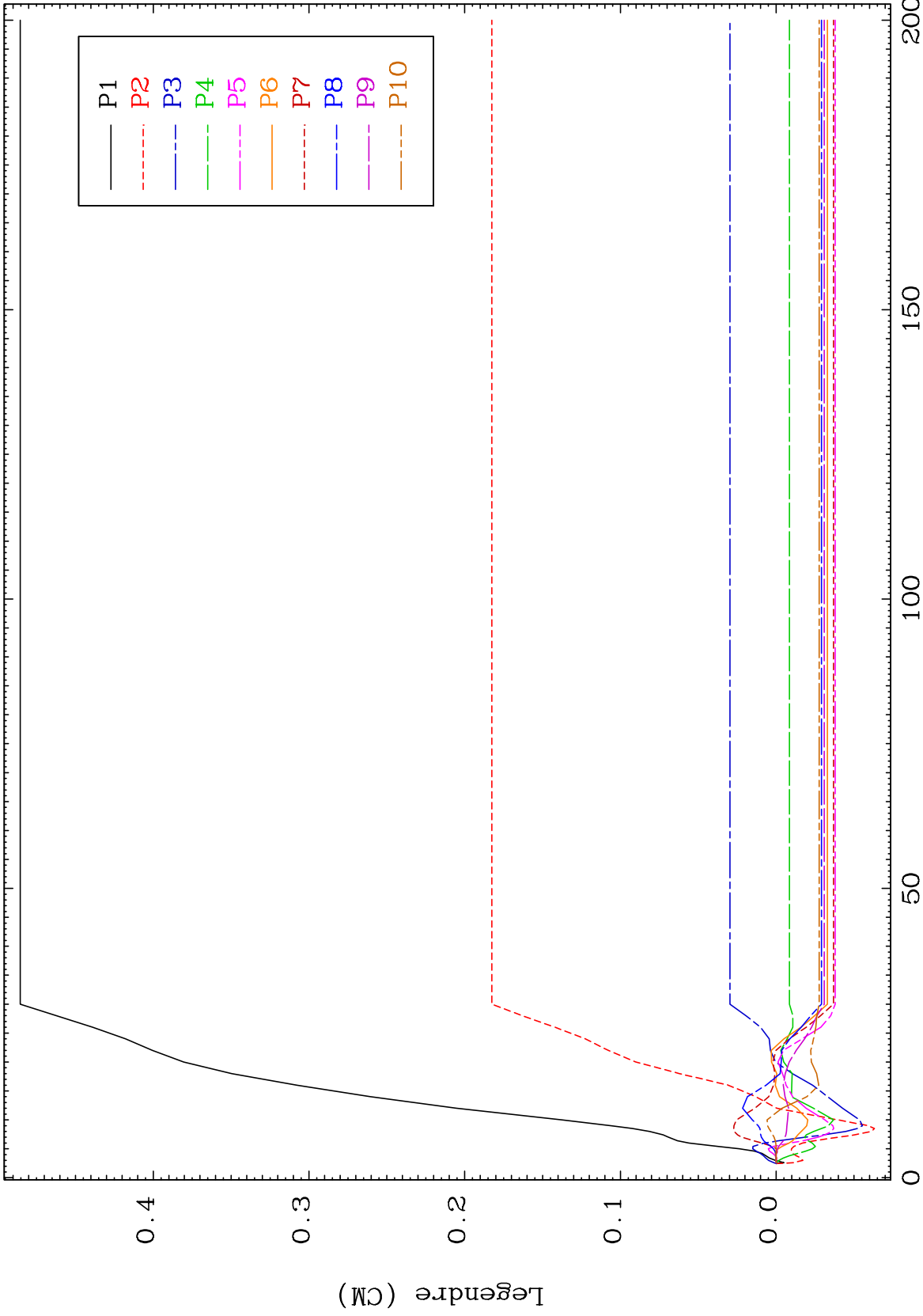
84-Po-206



MAT 8425

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

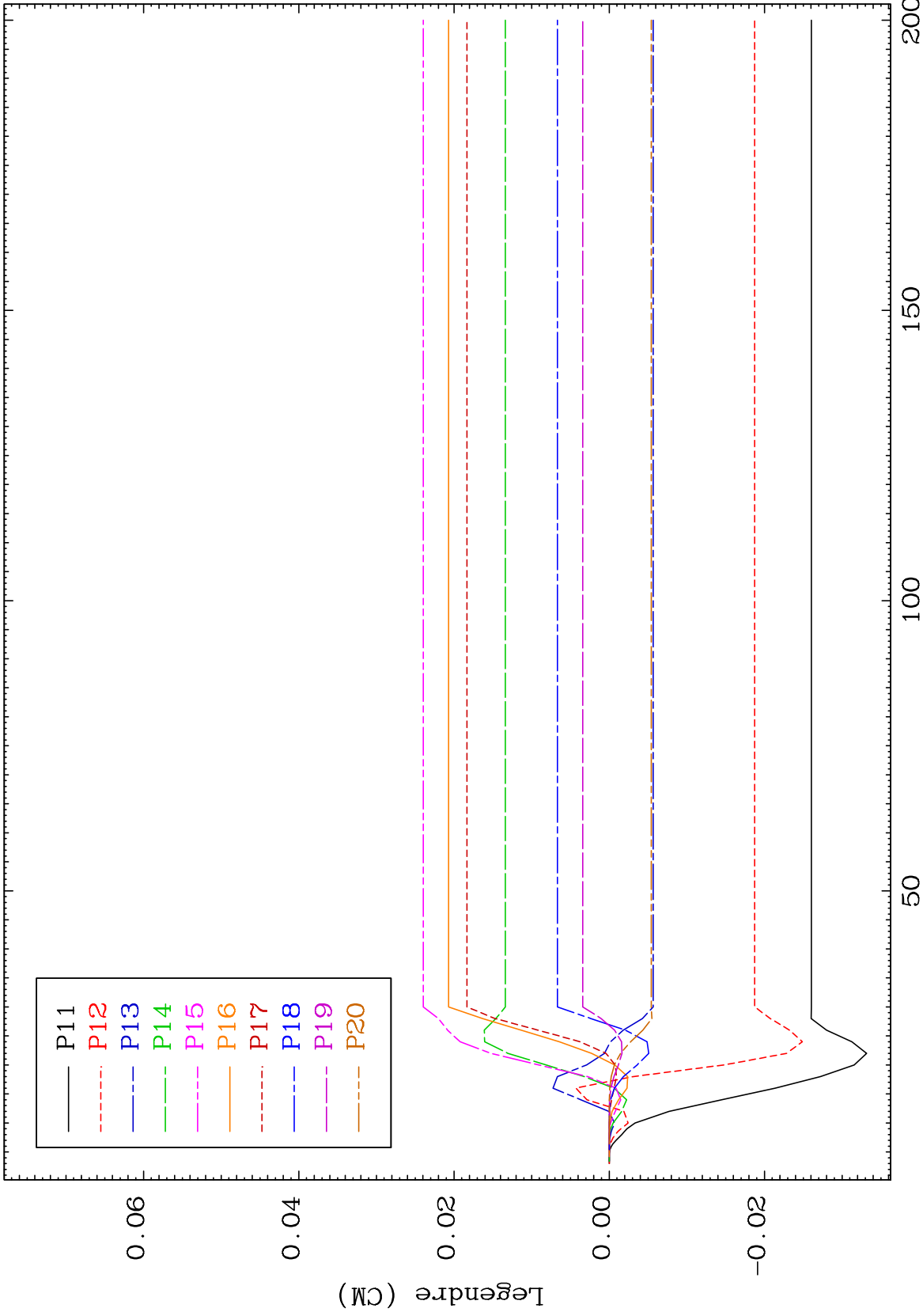
84-Po-206



80

Incident Energy (MeV)

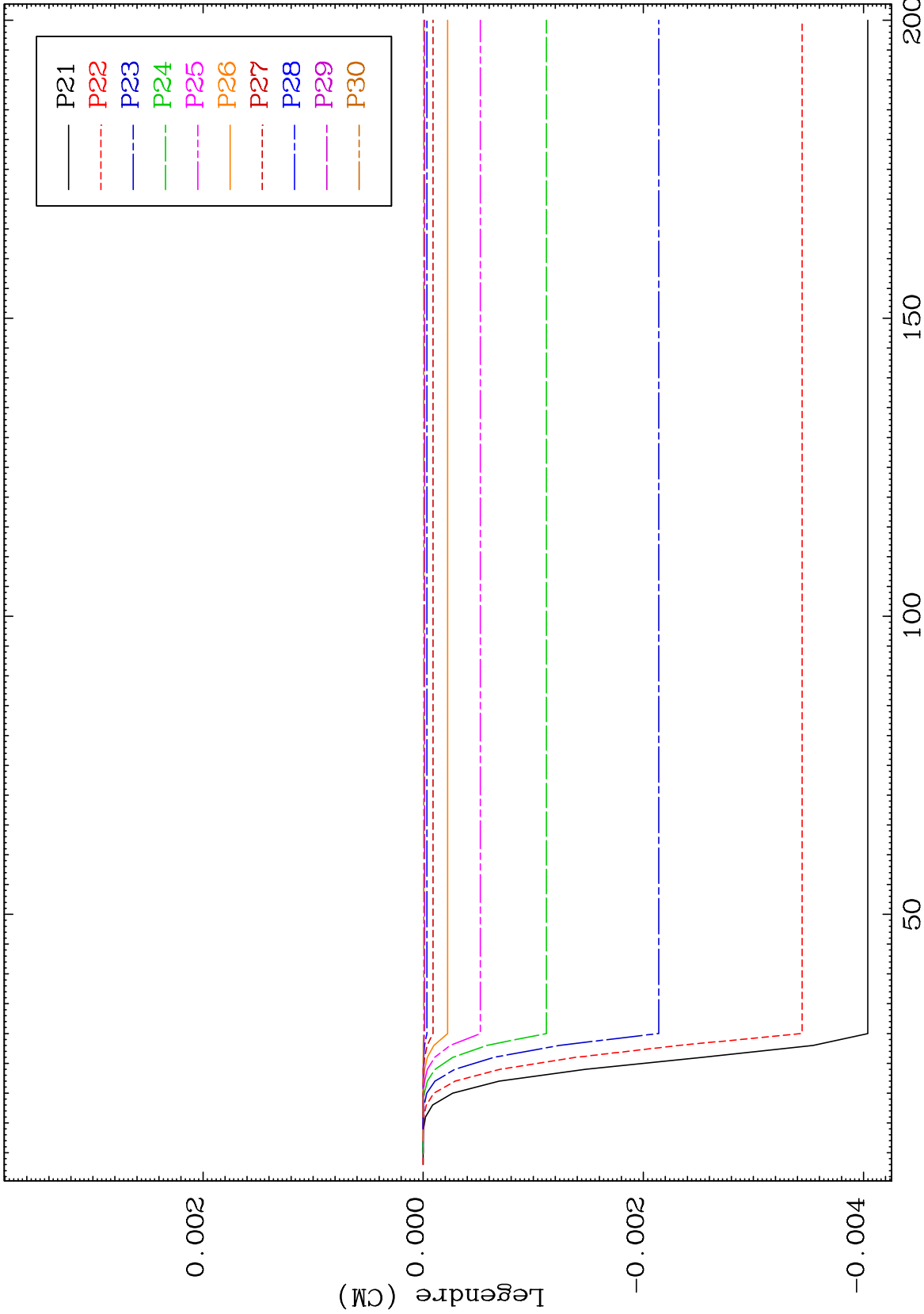
84-Po-206



MAT 8425

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

84-Po-206



82

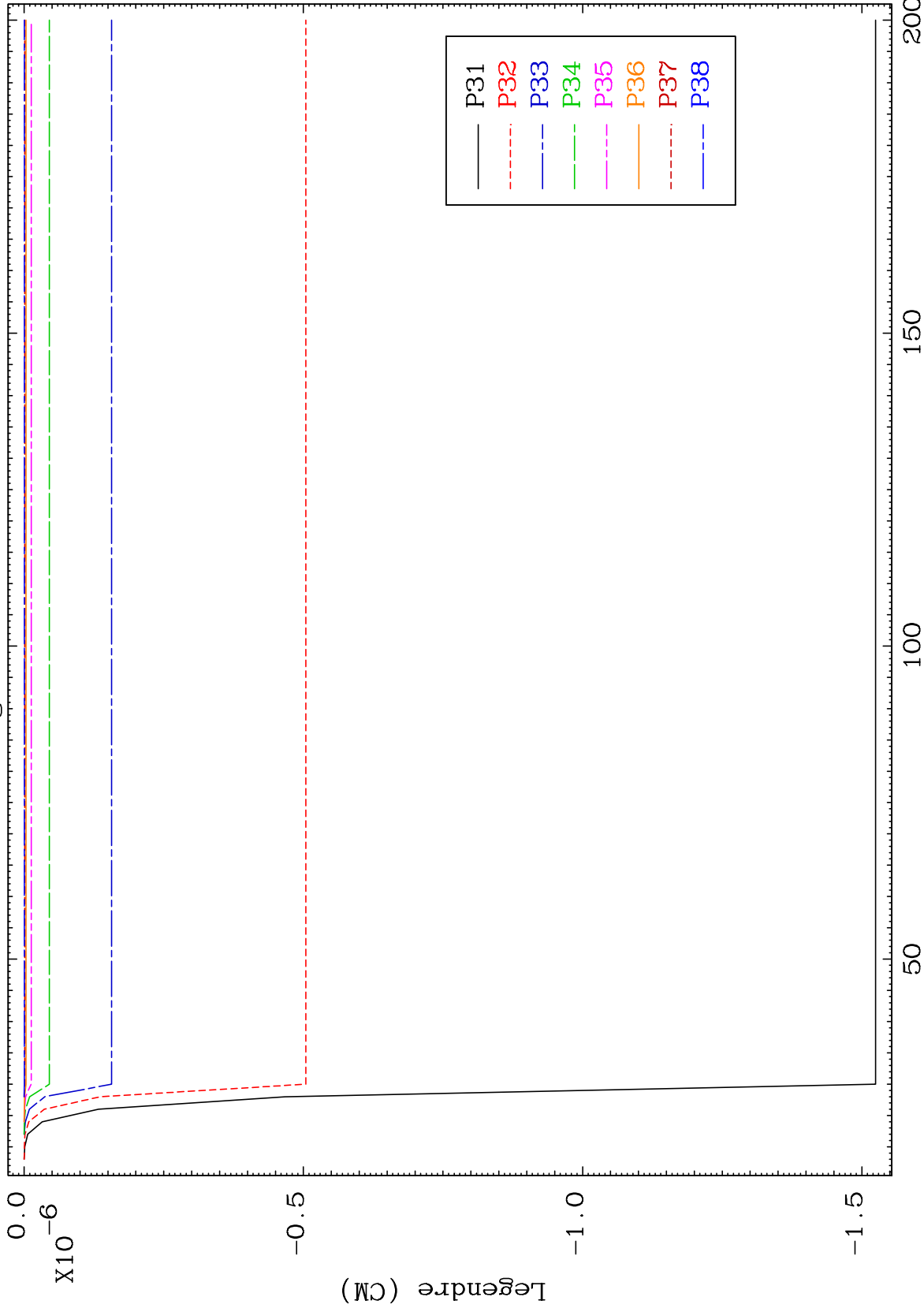
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



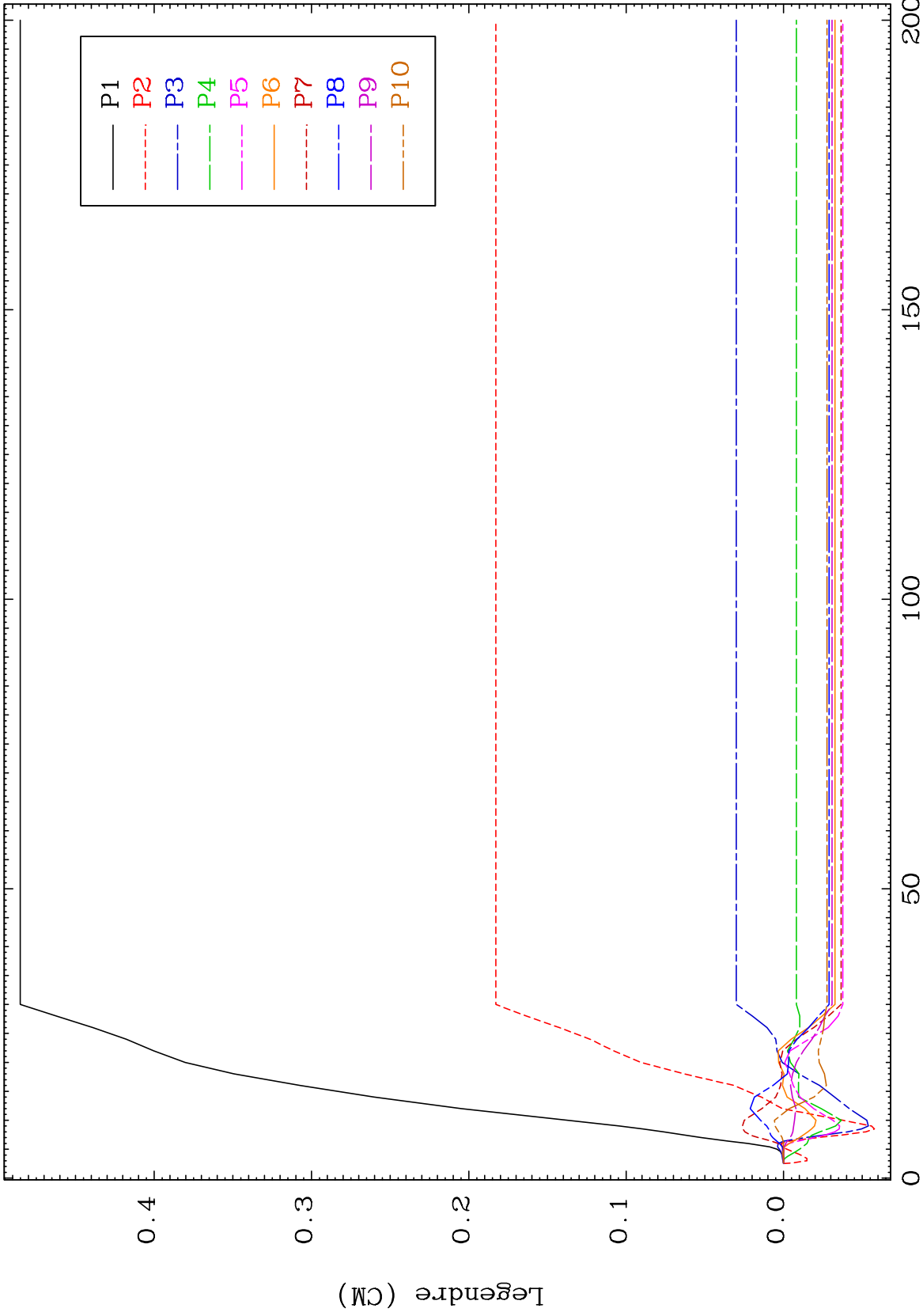
83

84-Po-206

MAT 8425

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

84-Po-206



84

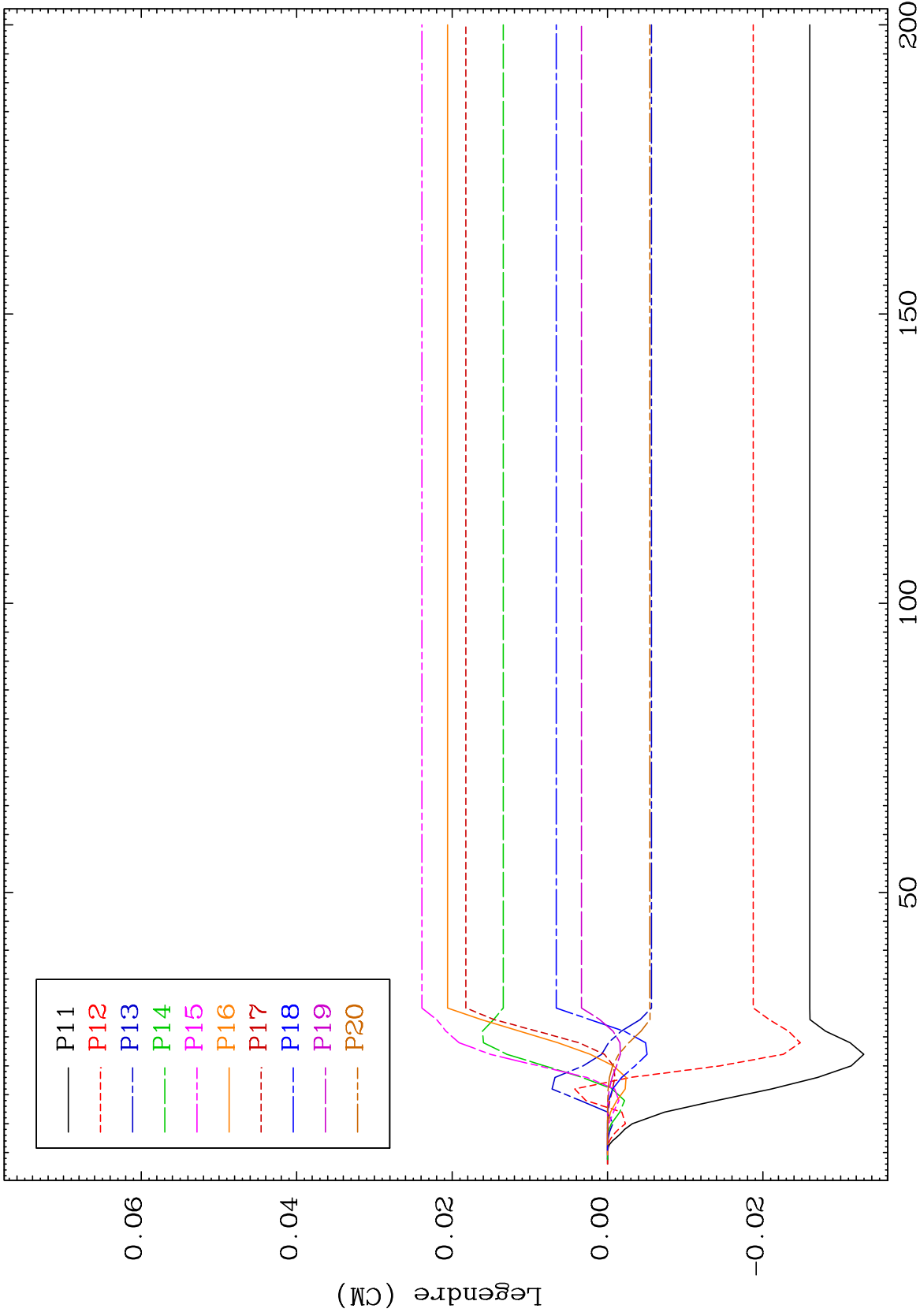
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



85

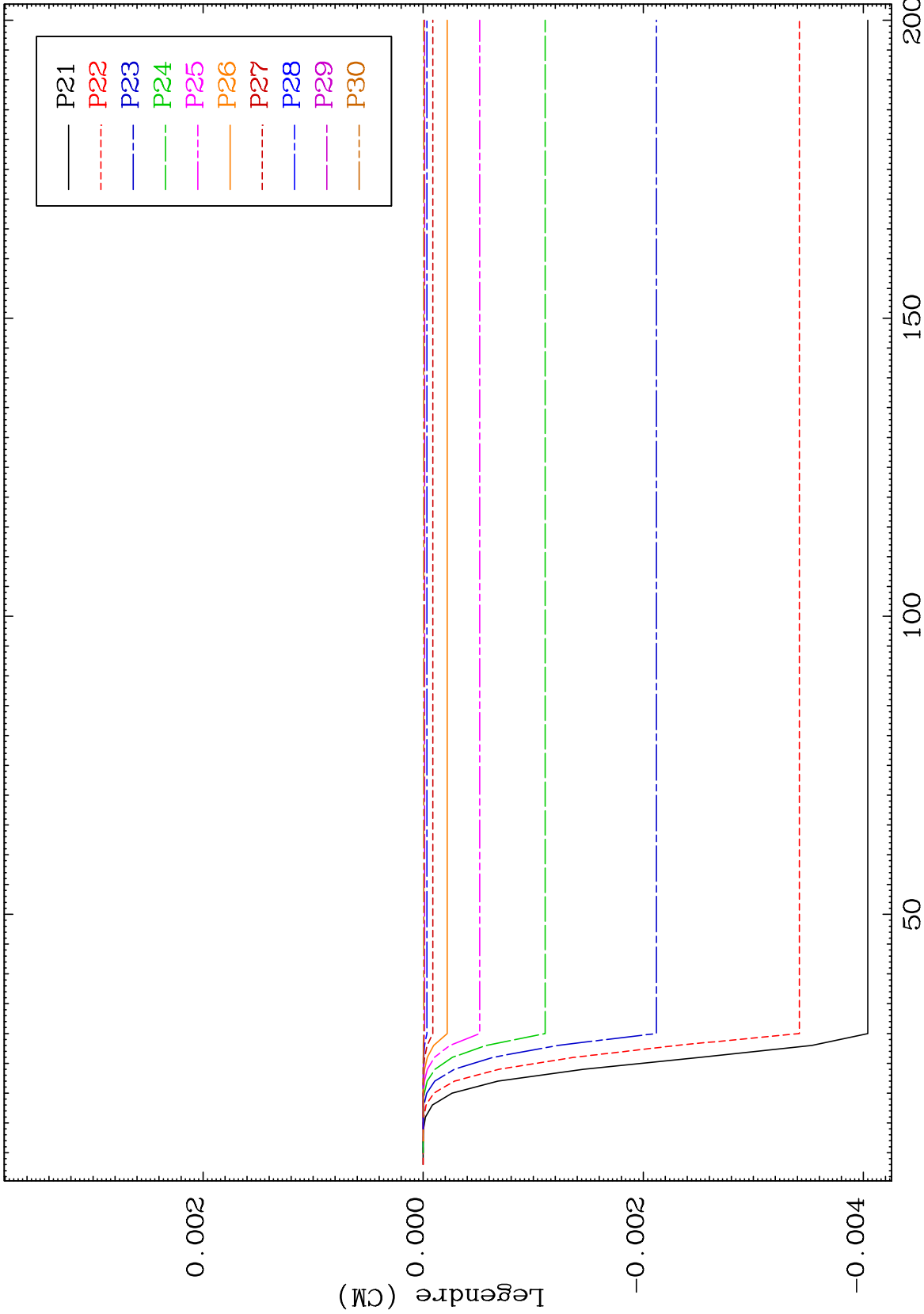
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



86

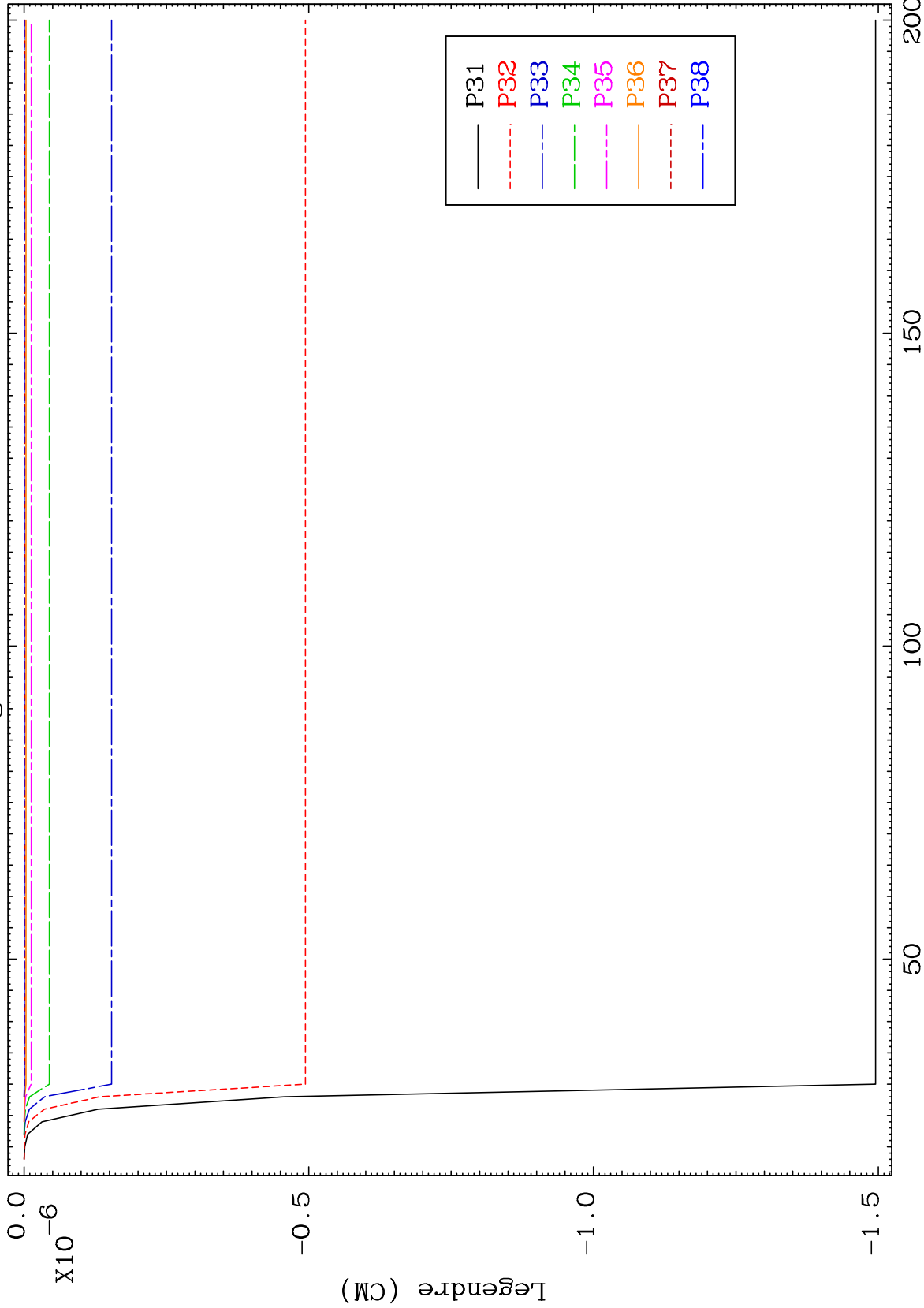
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



87

Incident Energy (MeV)

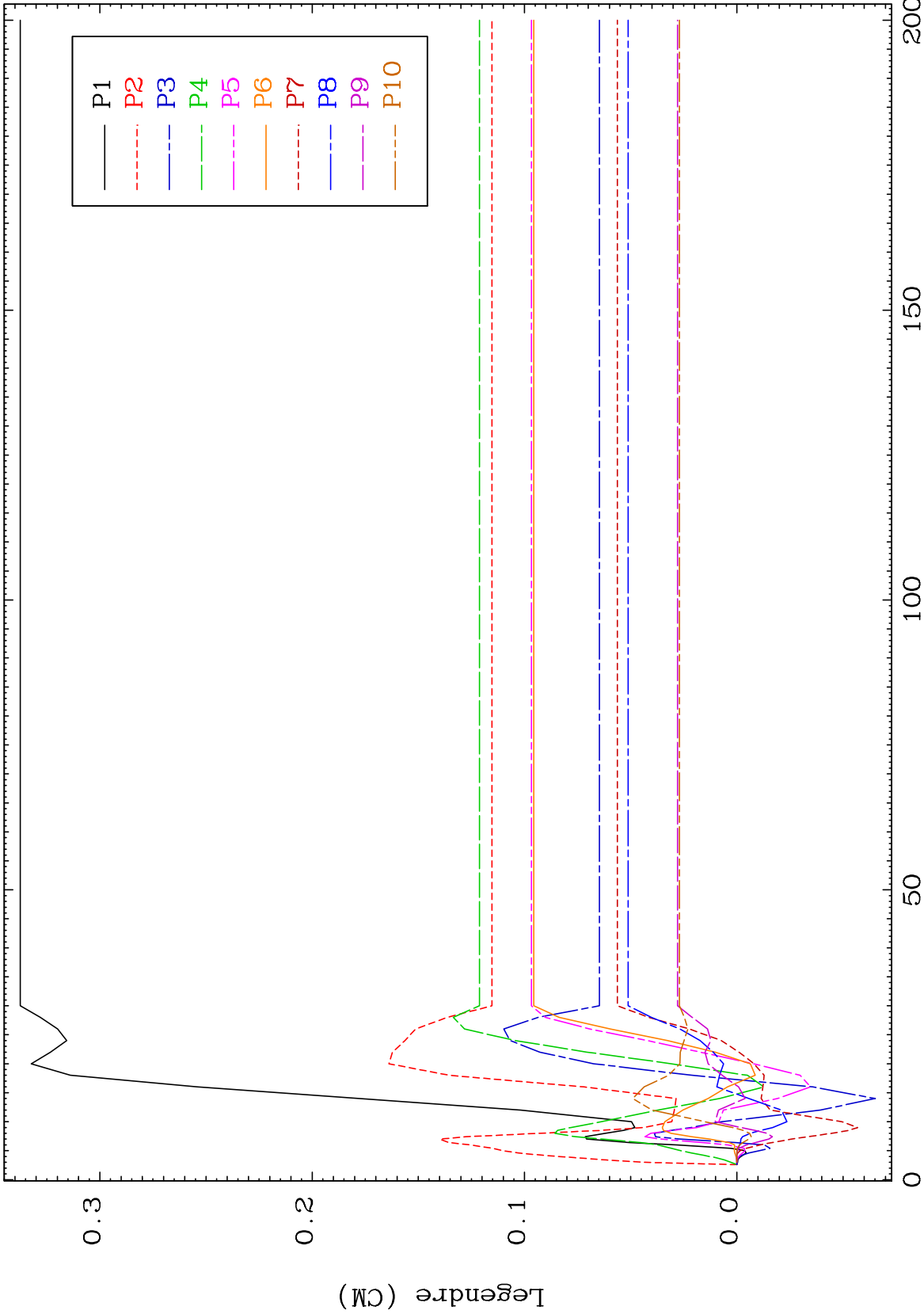
84-Po-206



MAT 8425

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

84-Po-206



88

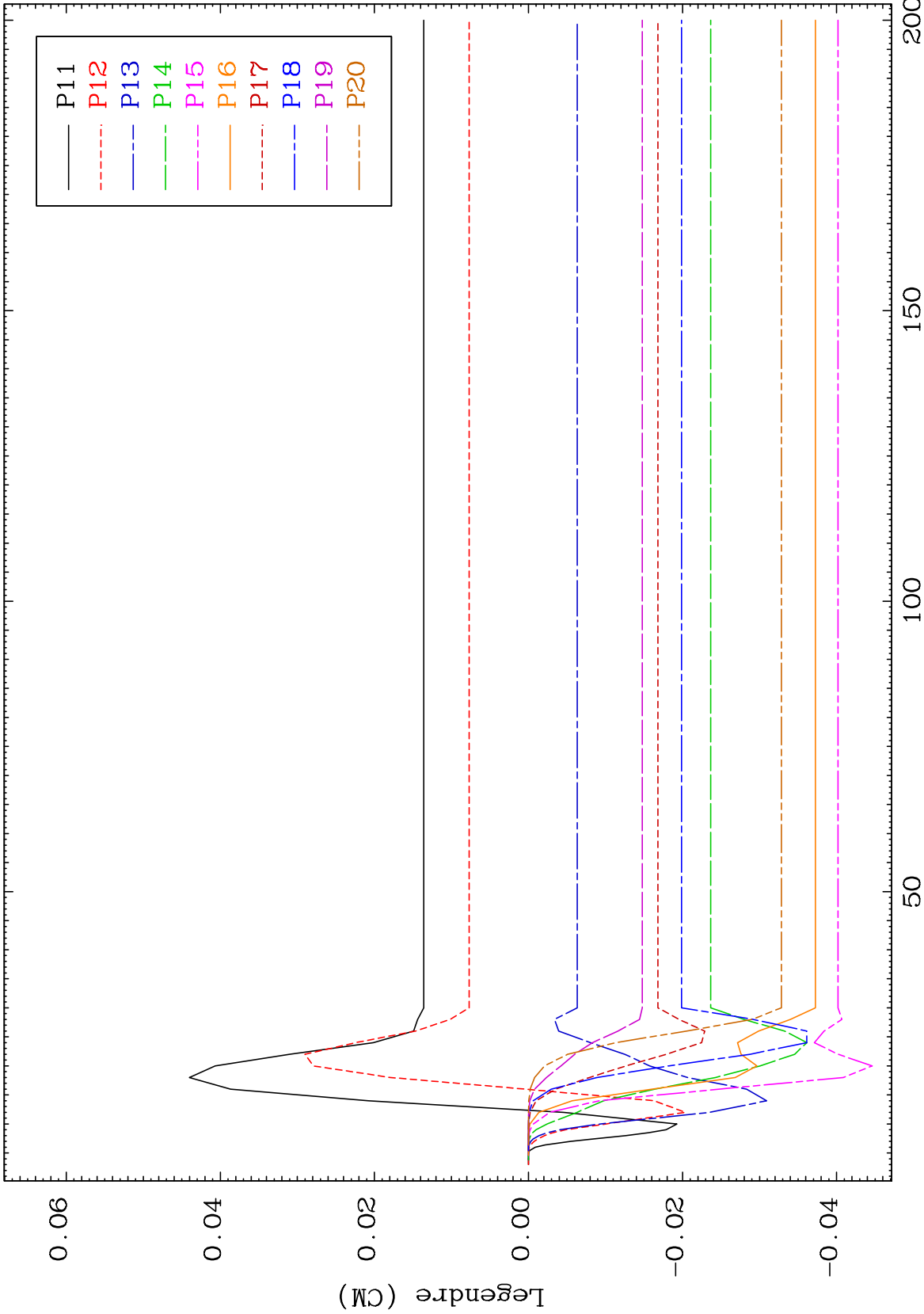
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



89

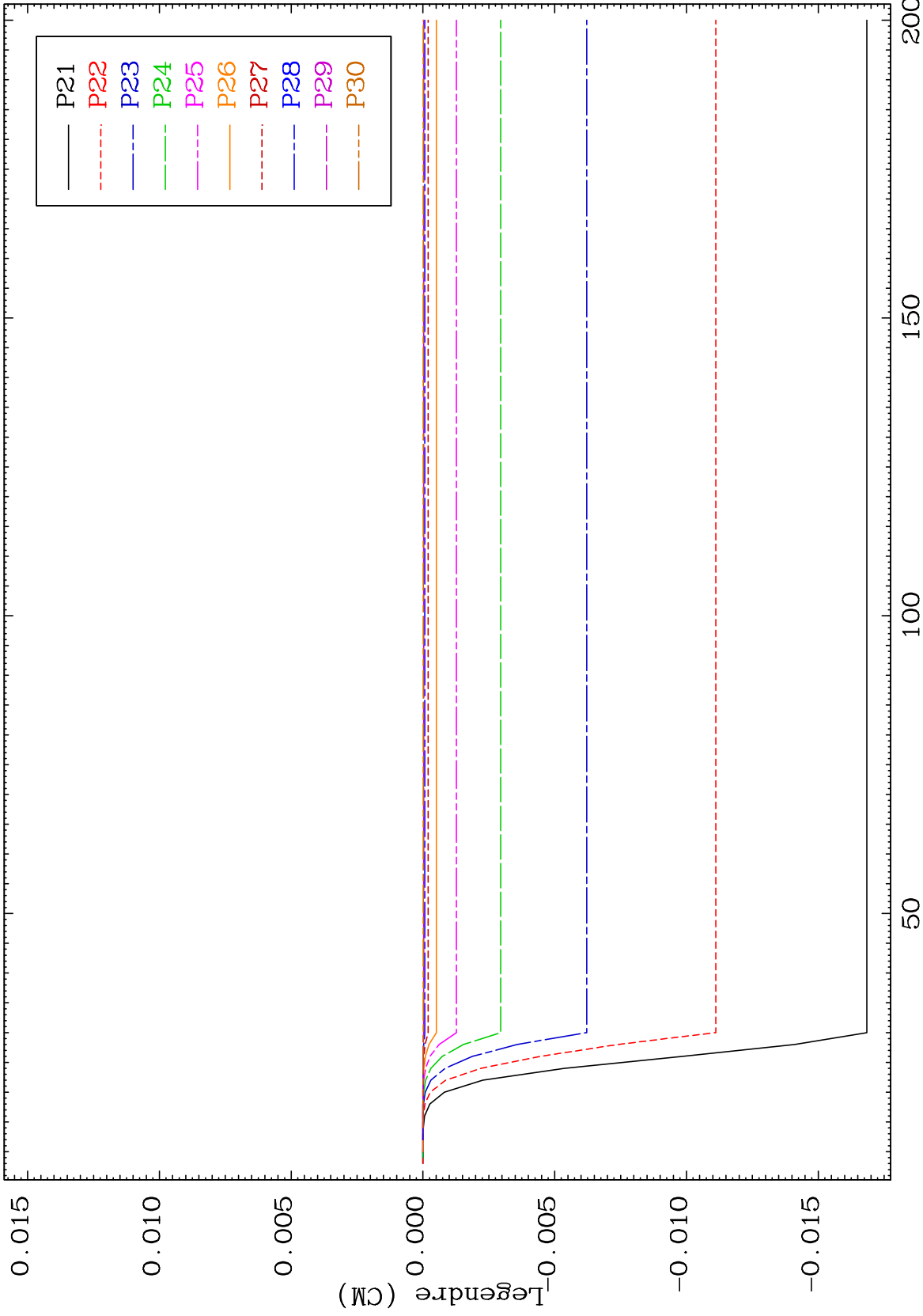
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



90

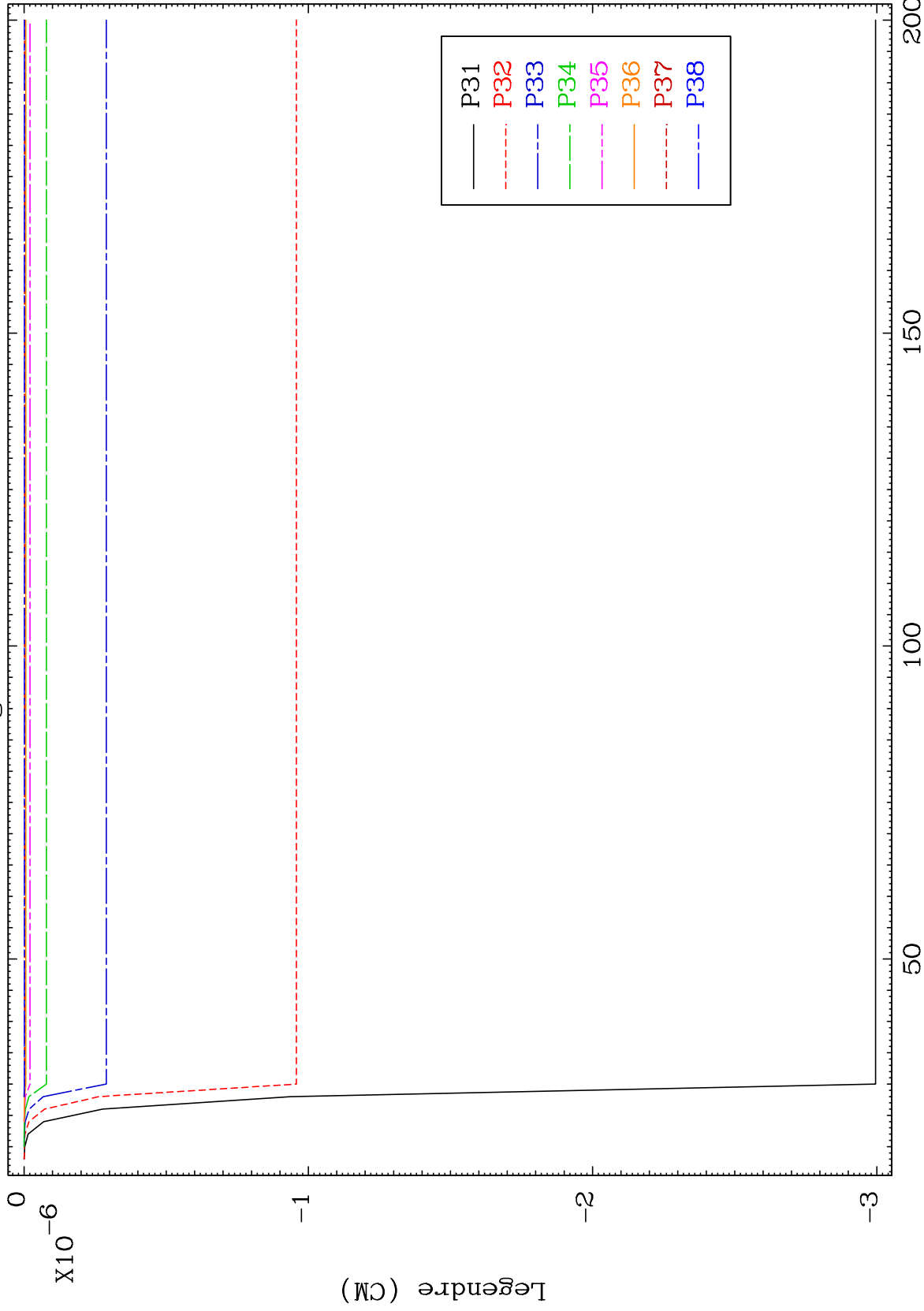
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



91

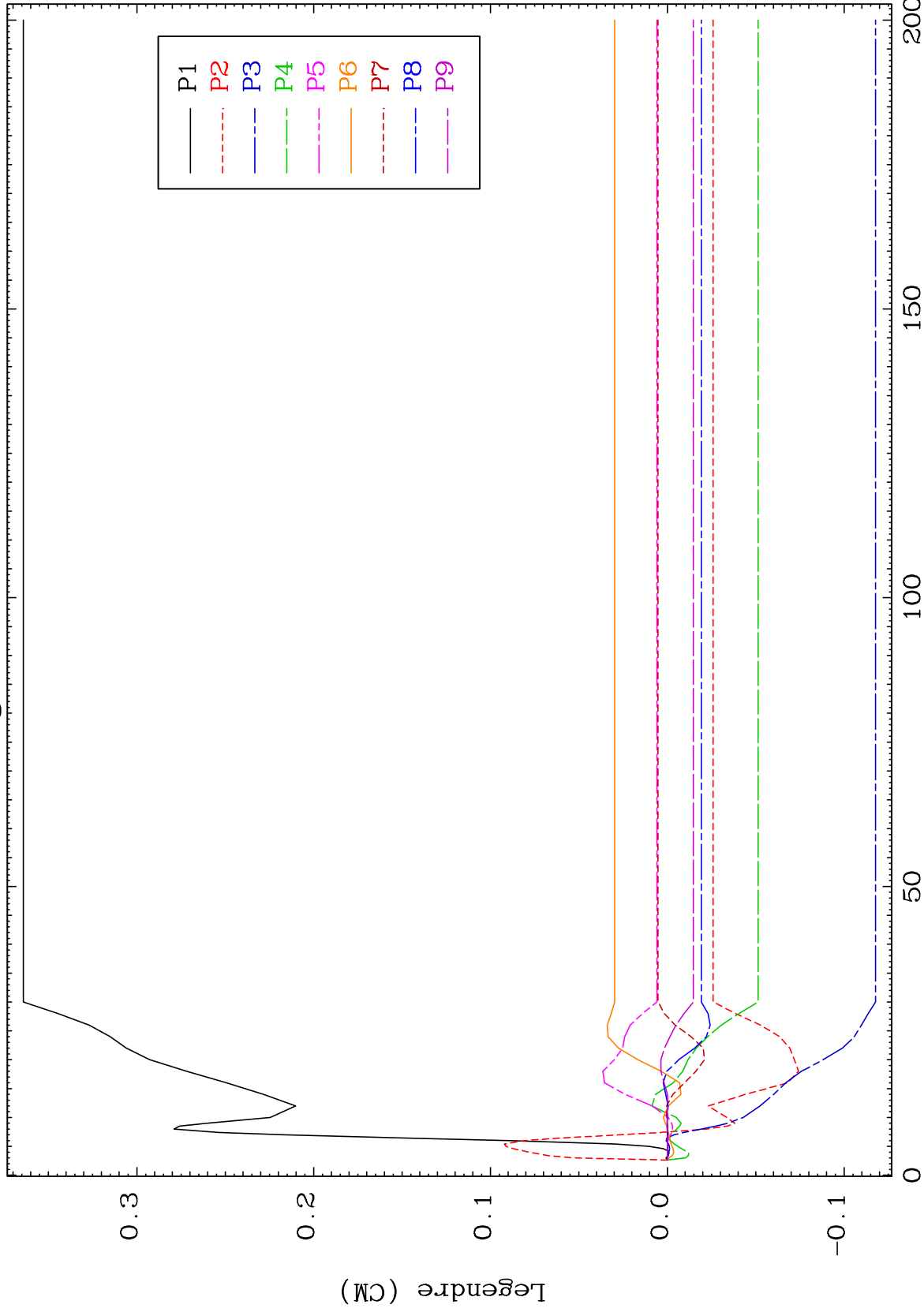
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



92

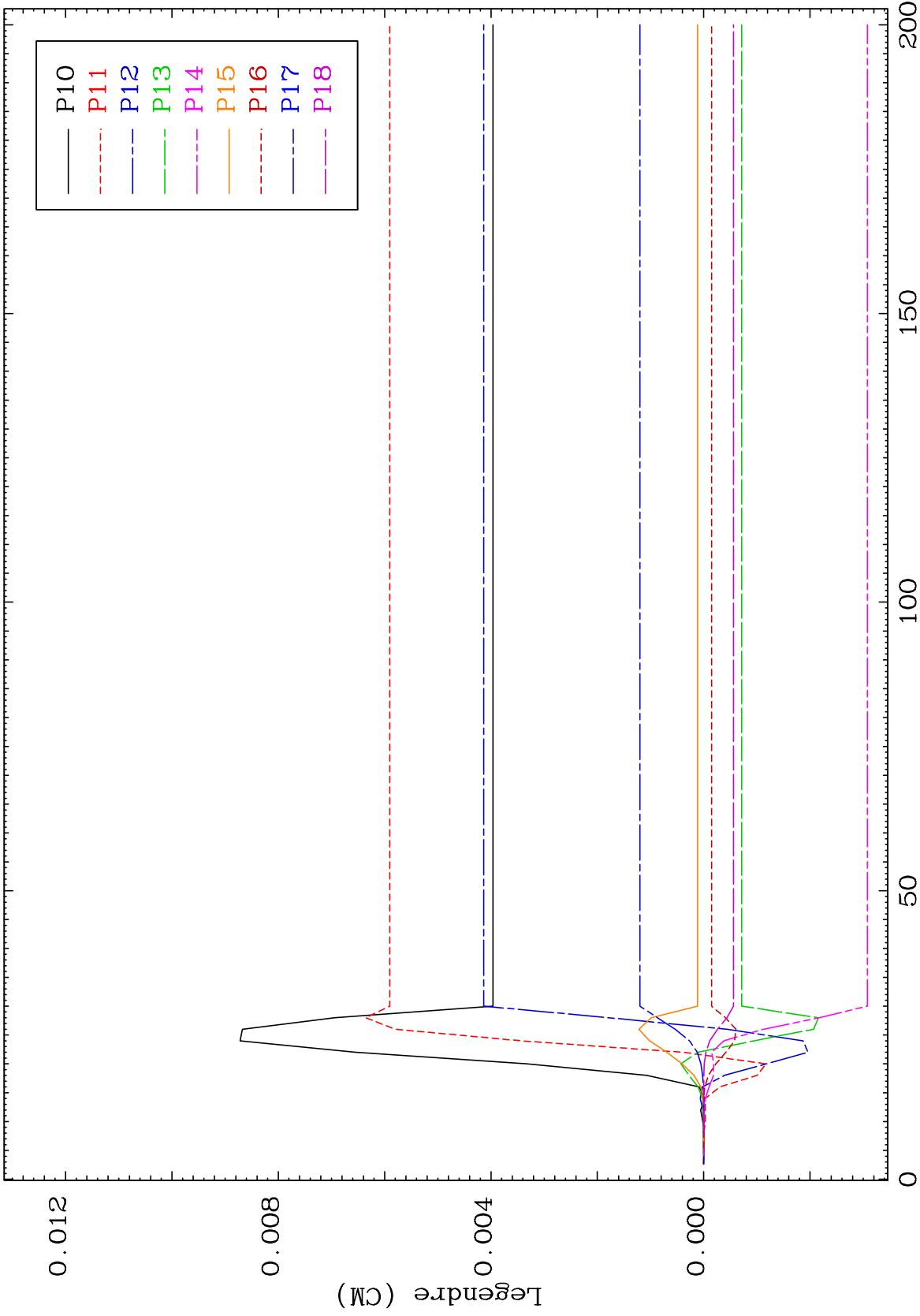
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



93

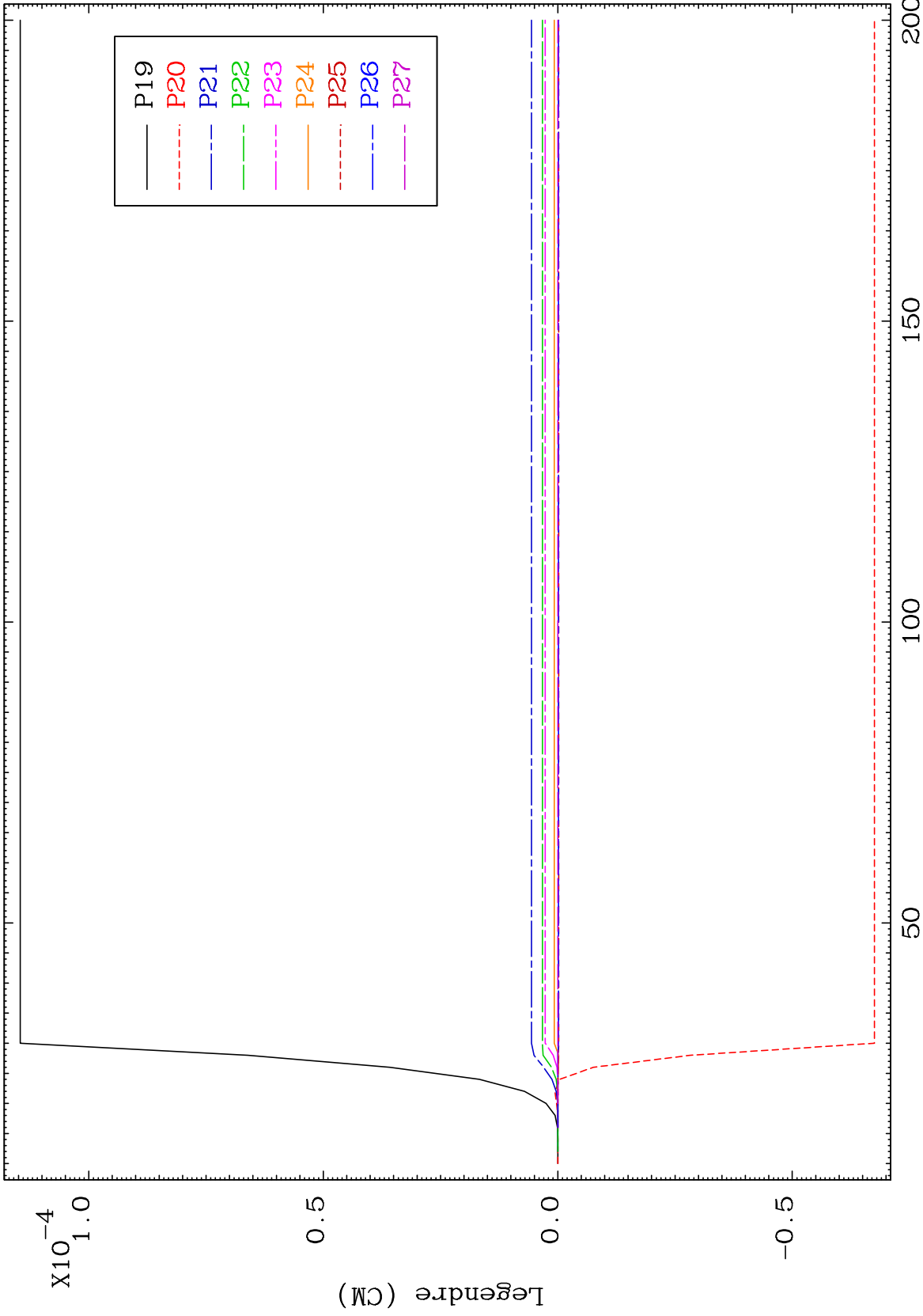
Incident Energy (MeV)

84-Po-206

MAT 8425

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

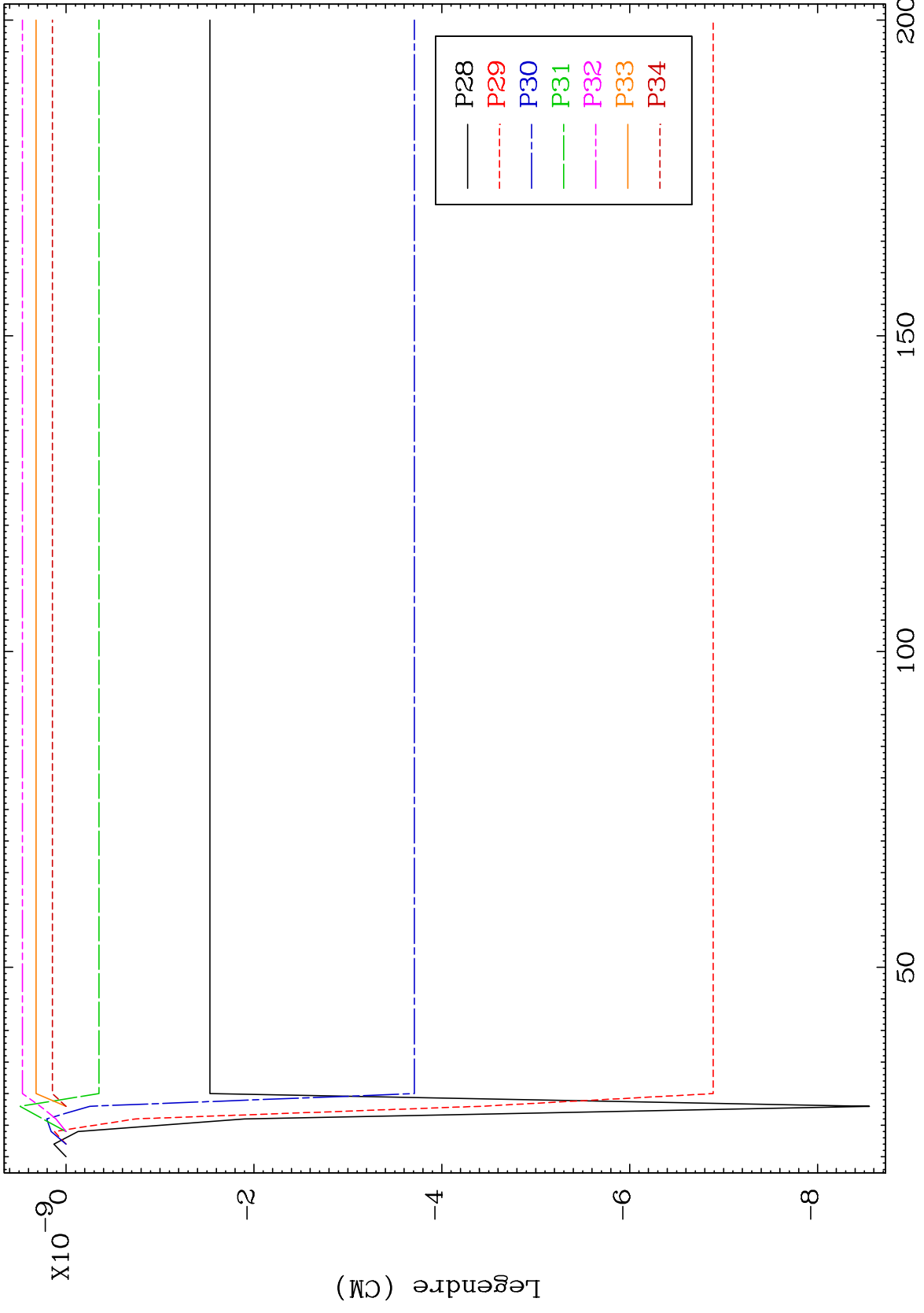
84-Po-206



94

84-Po-206

MAT 8425 MT= 70 (n,n') Level Legendre Coefficients 84-Po-206



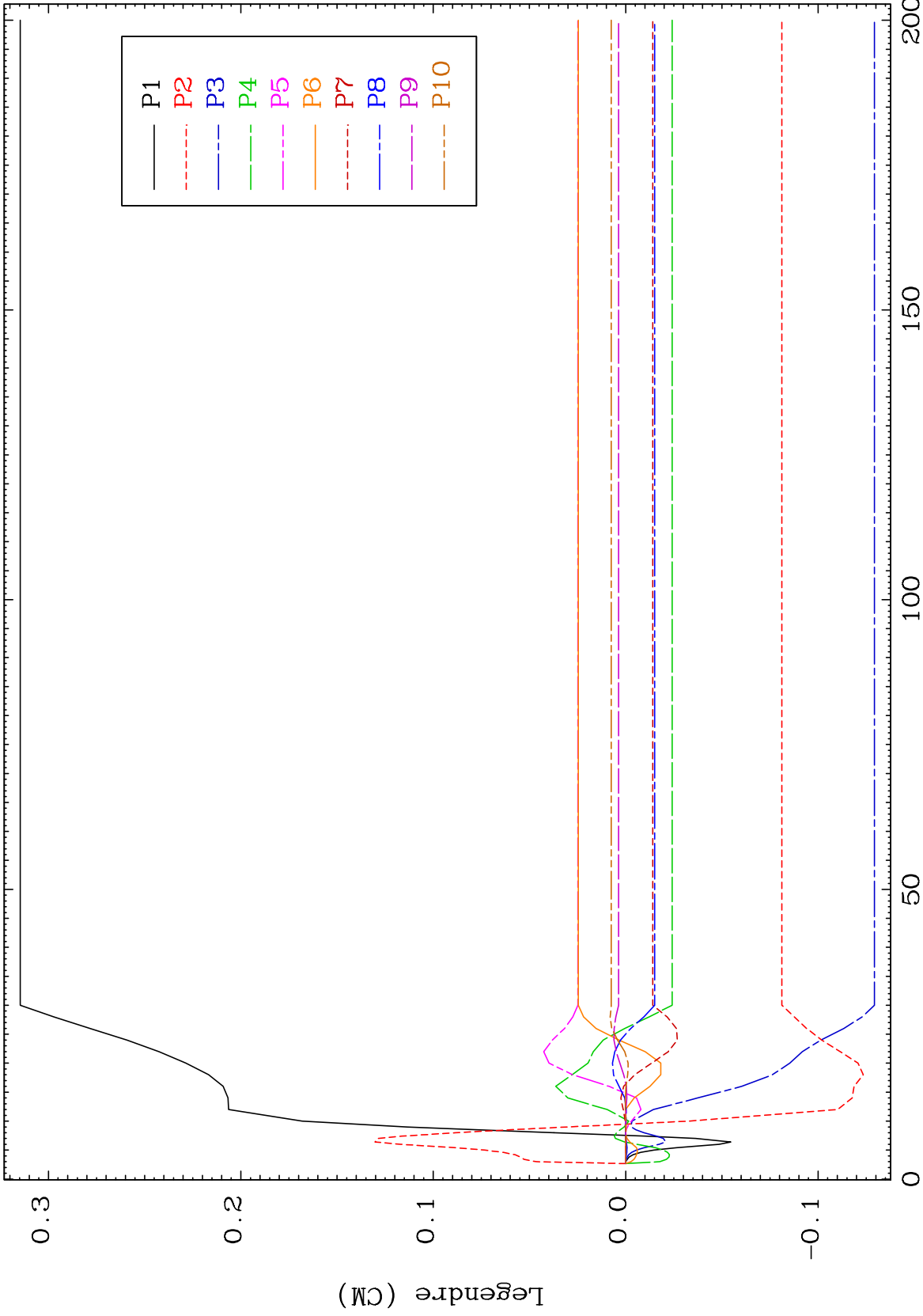
95 50 100 150 200 84-Po-206



MAT 8425

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

84-Po-206



96

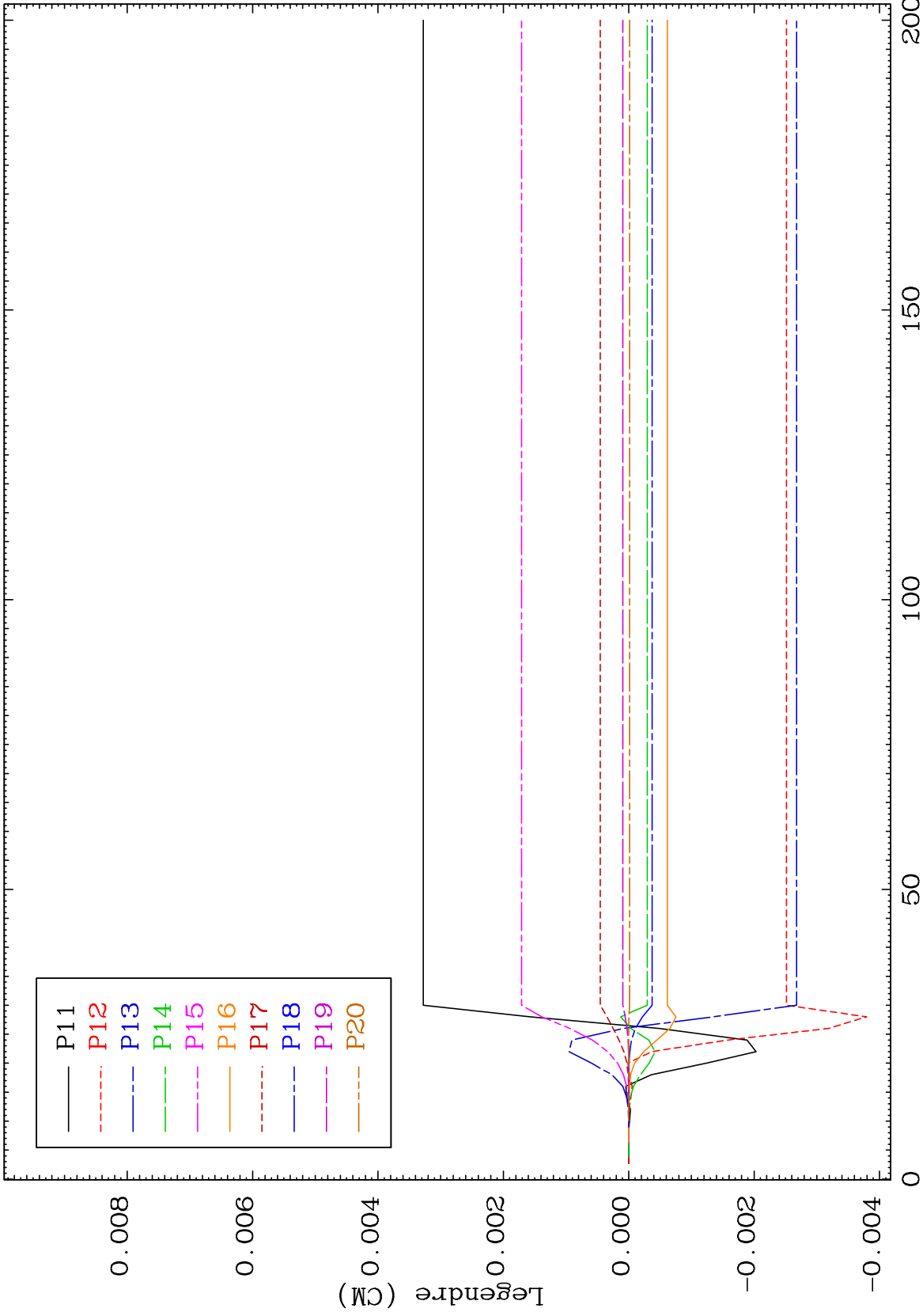
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



97

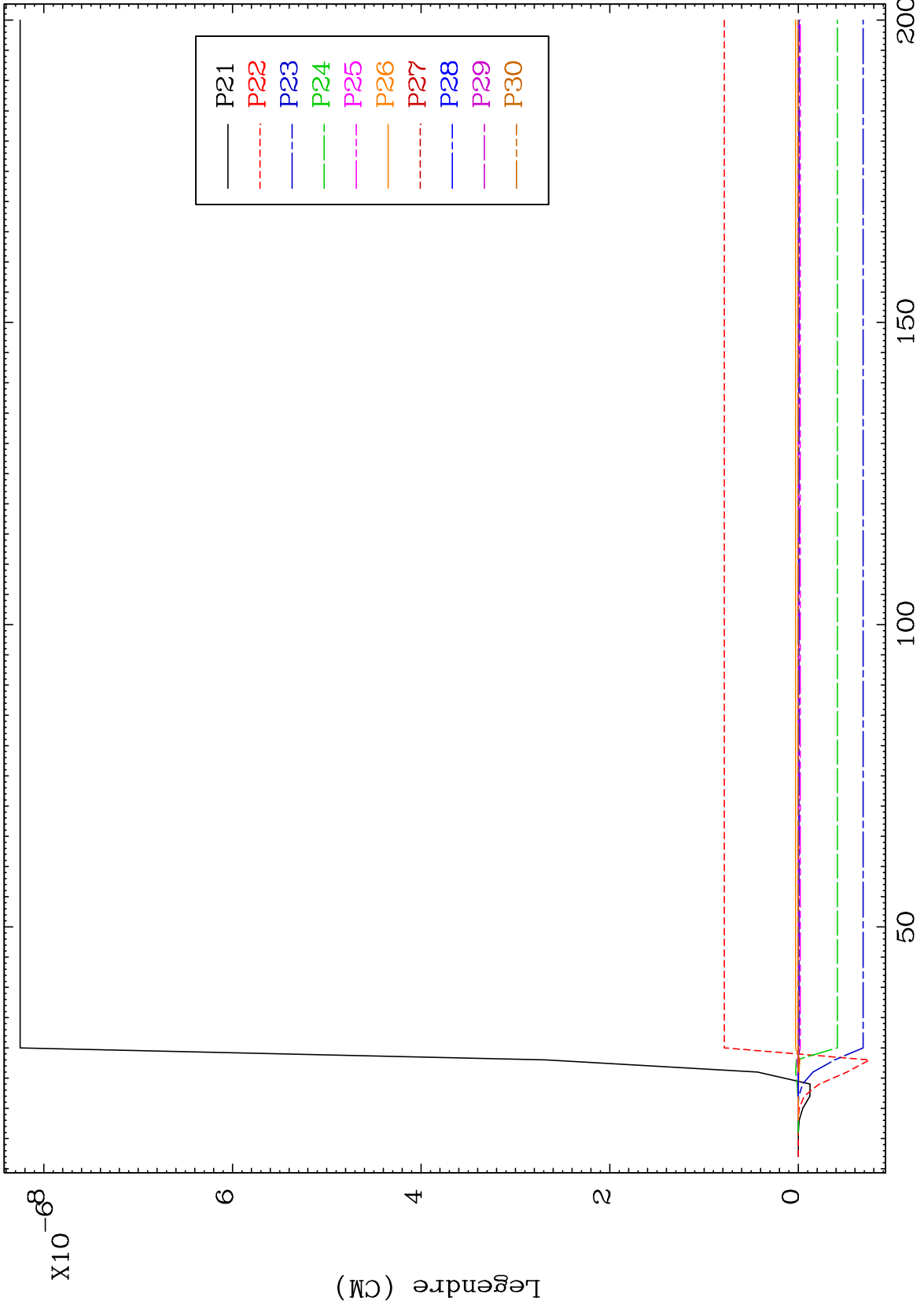
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



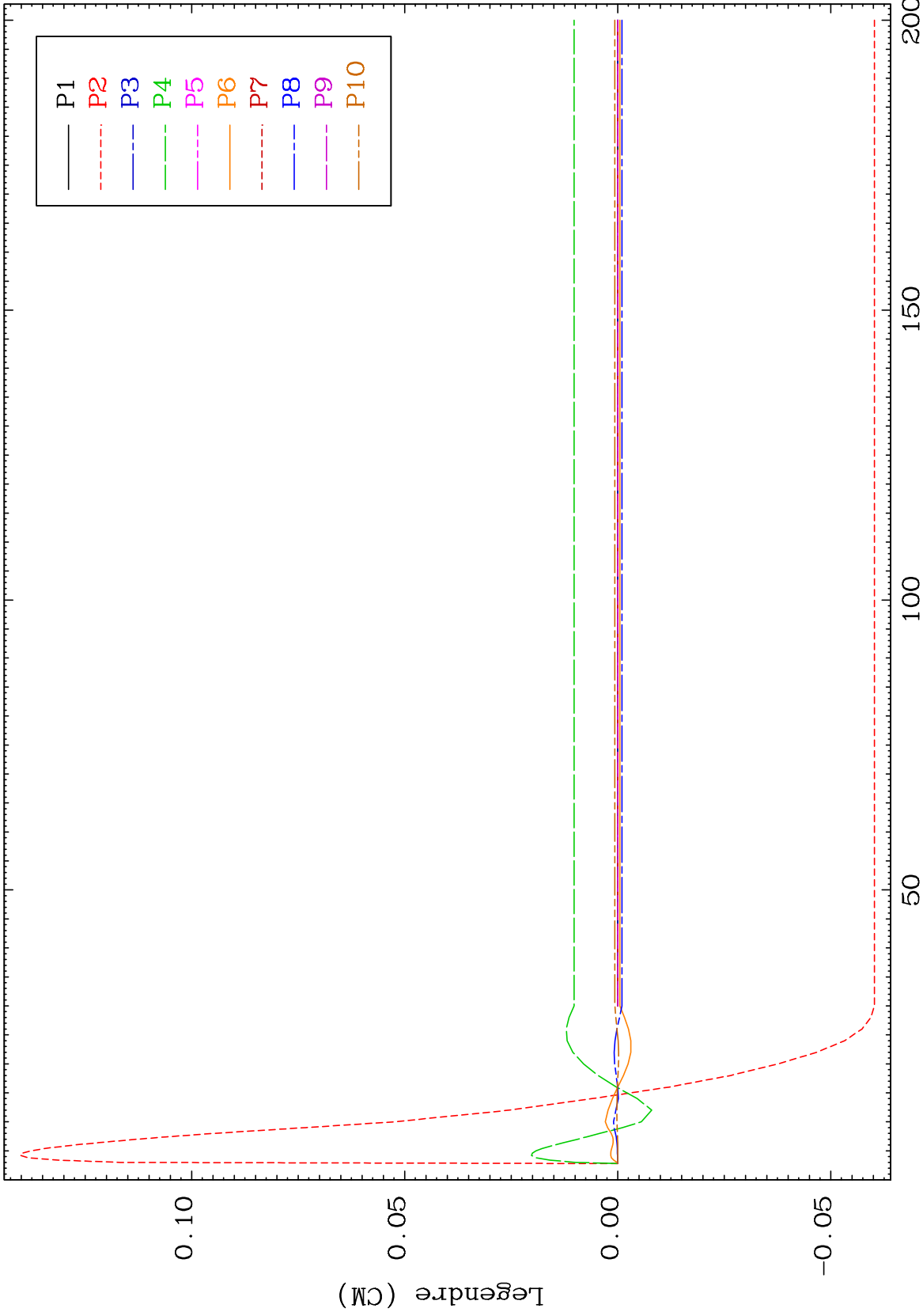
98

84-Po-206

MAT 8425

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

84-Po-206



99

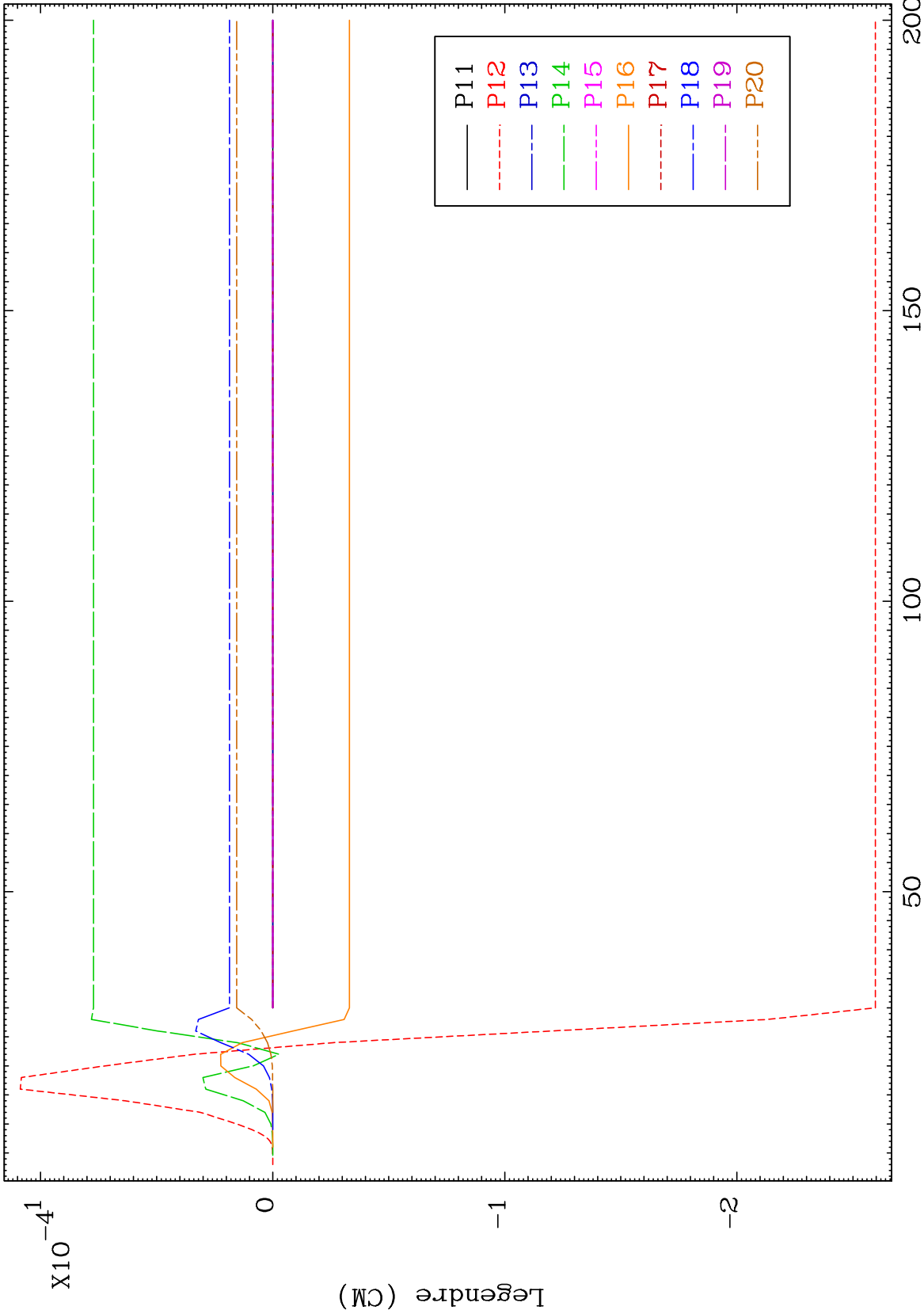
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



100

Incident Energy (MeV)

150

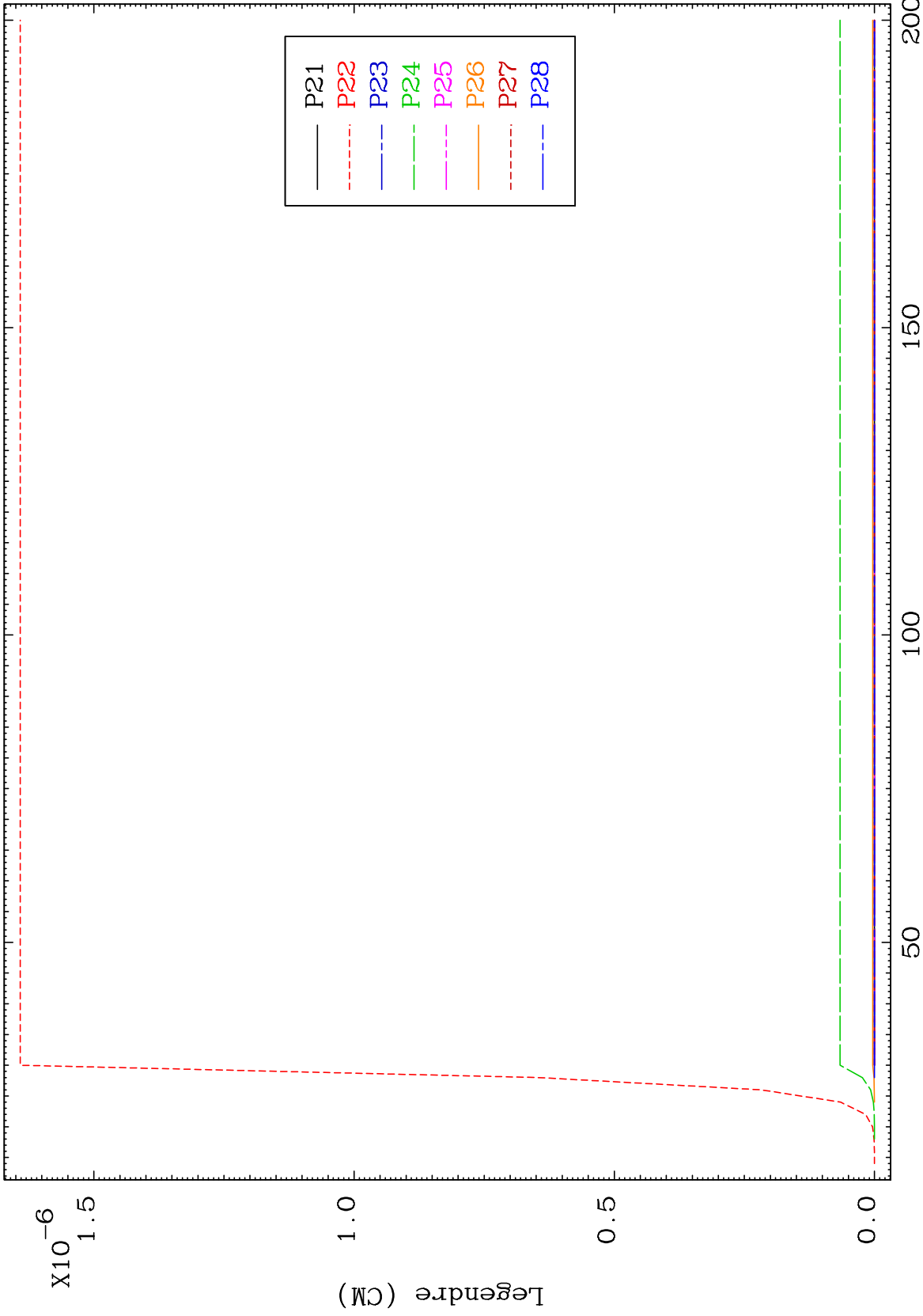
84-Po-206

200

MAT 8425

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

84-Po-206



101

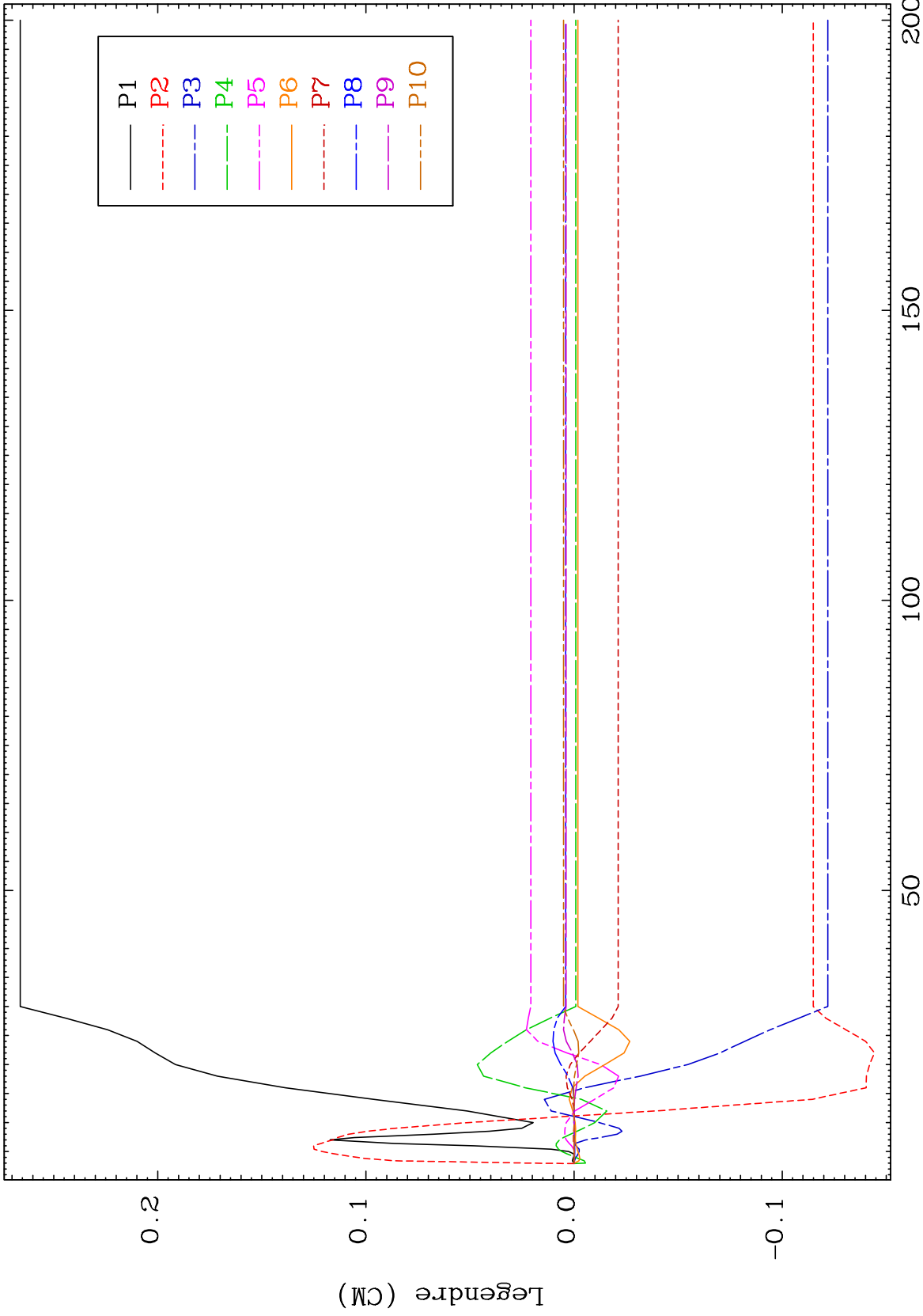
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



102

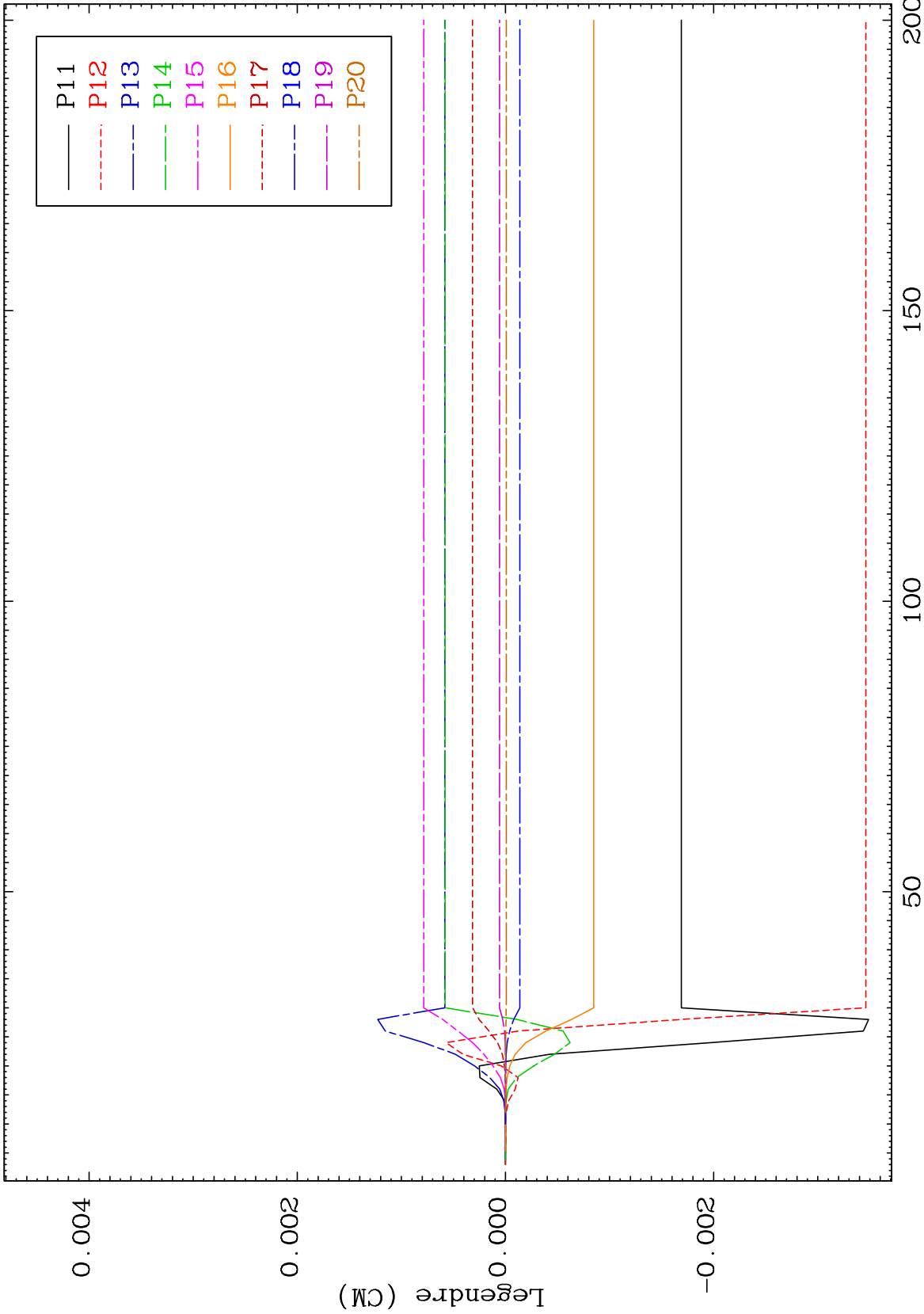
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



103

Incident Energy (MeV)

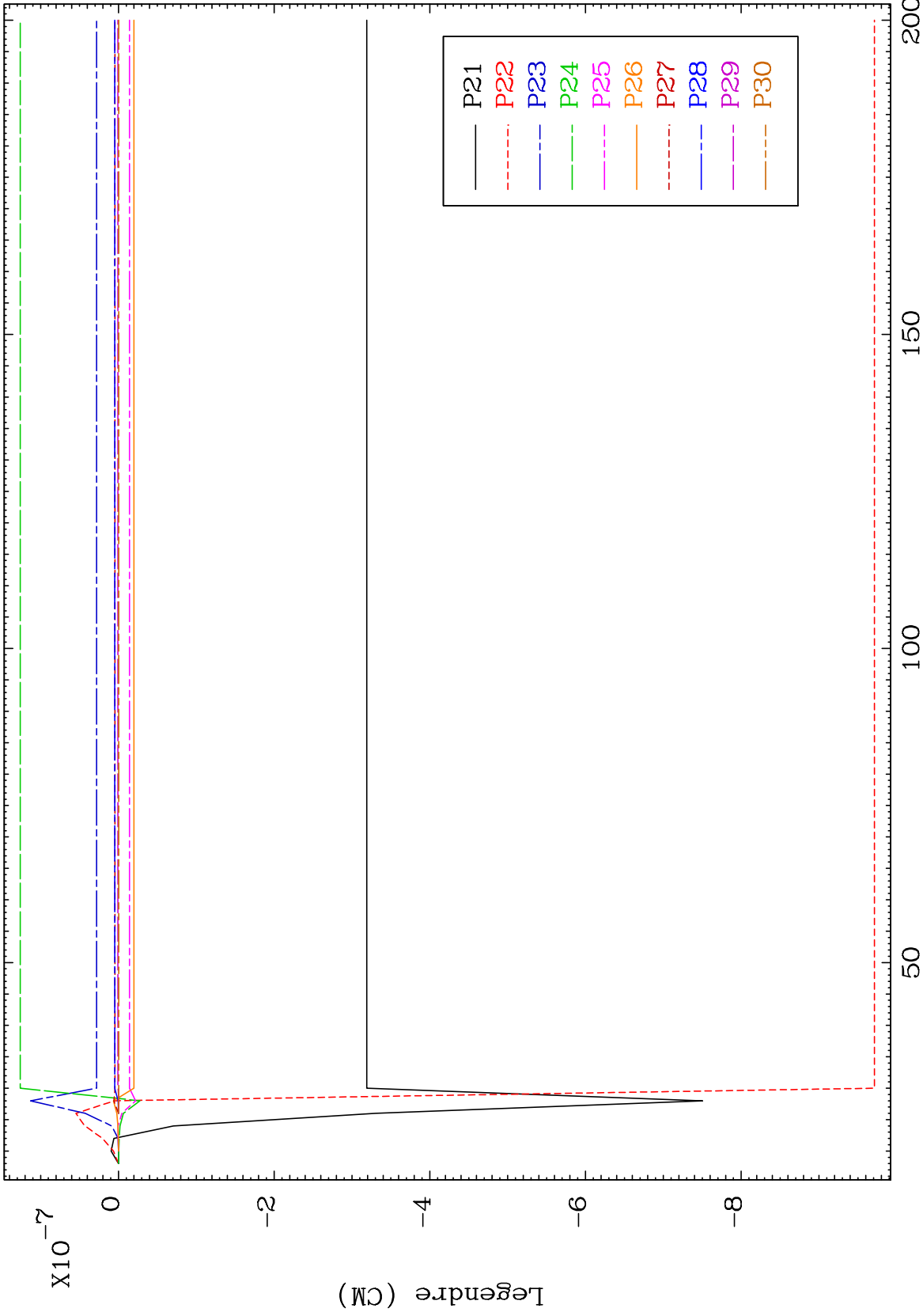
84-Po-206



MAT 8425

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

84-Po-206



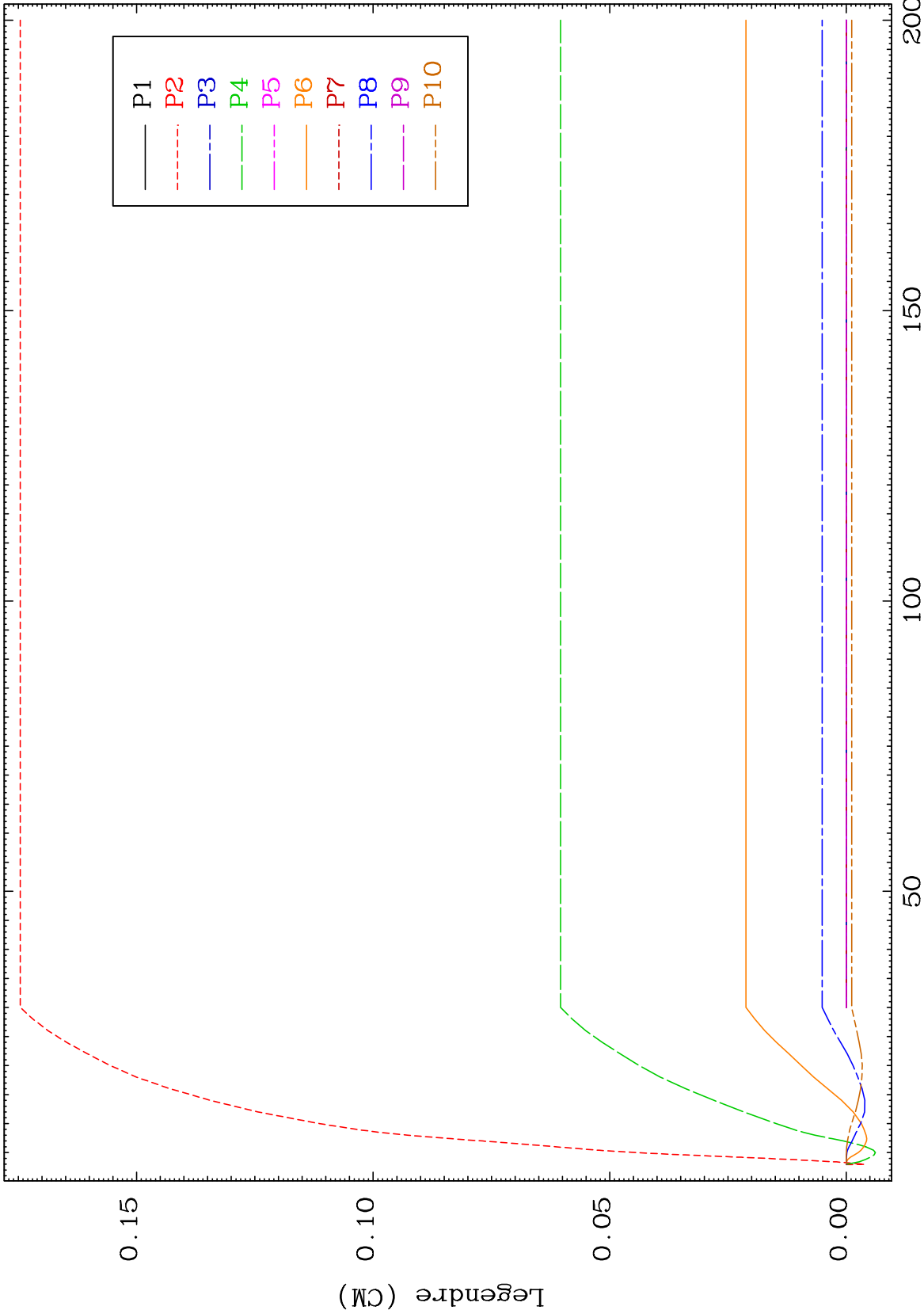
104

84-Po-206

MAT 8425

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

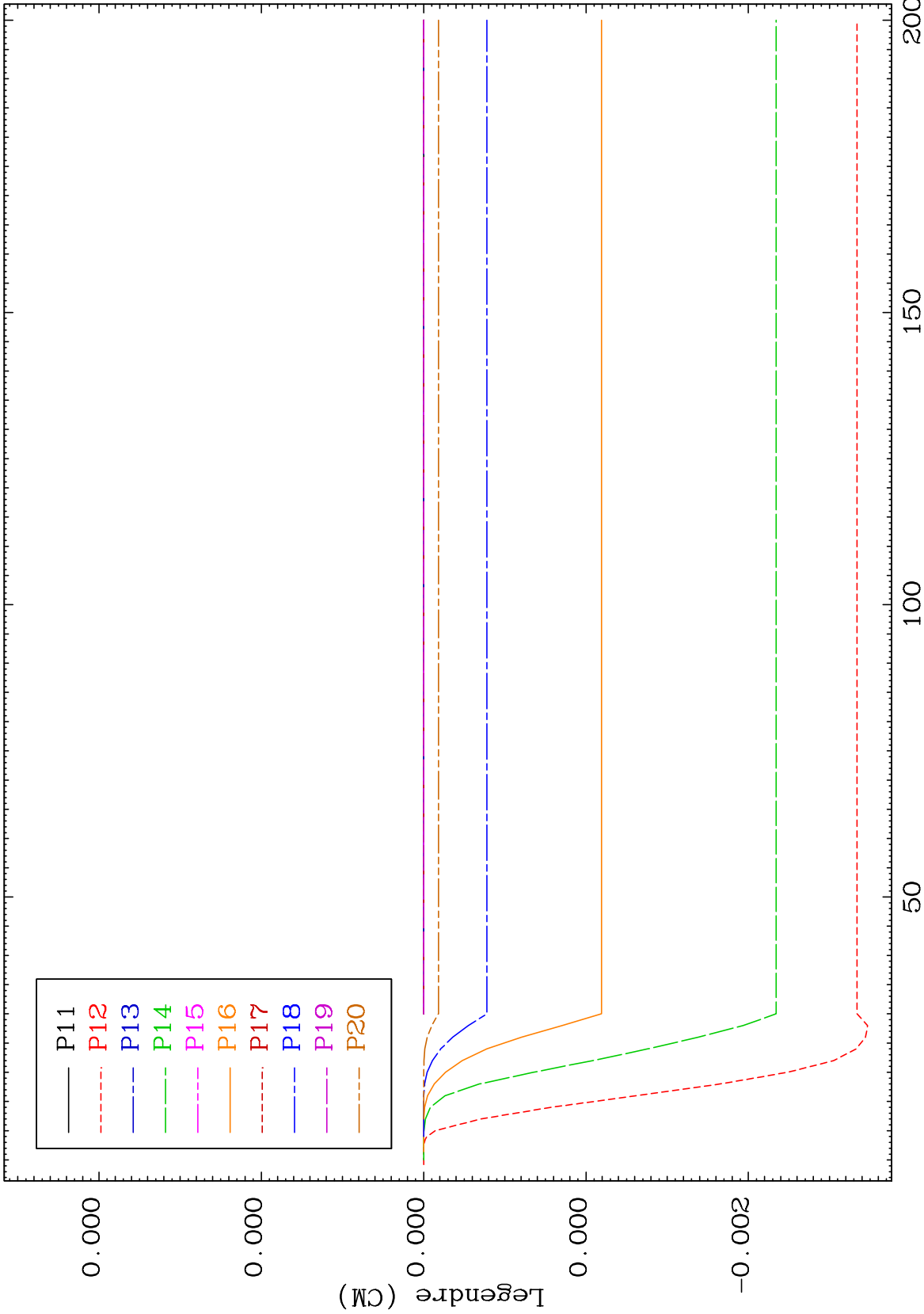
84-Po-206



105

Incident Energy (MeV)

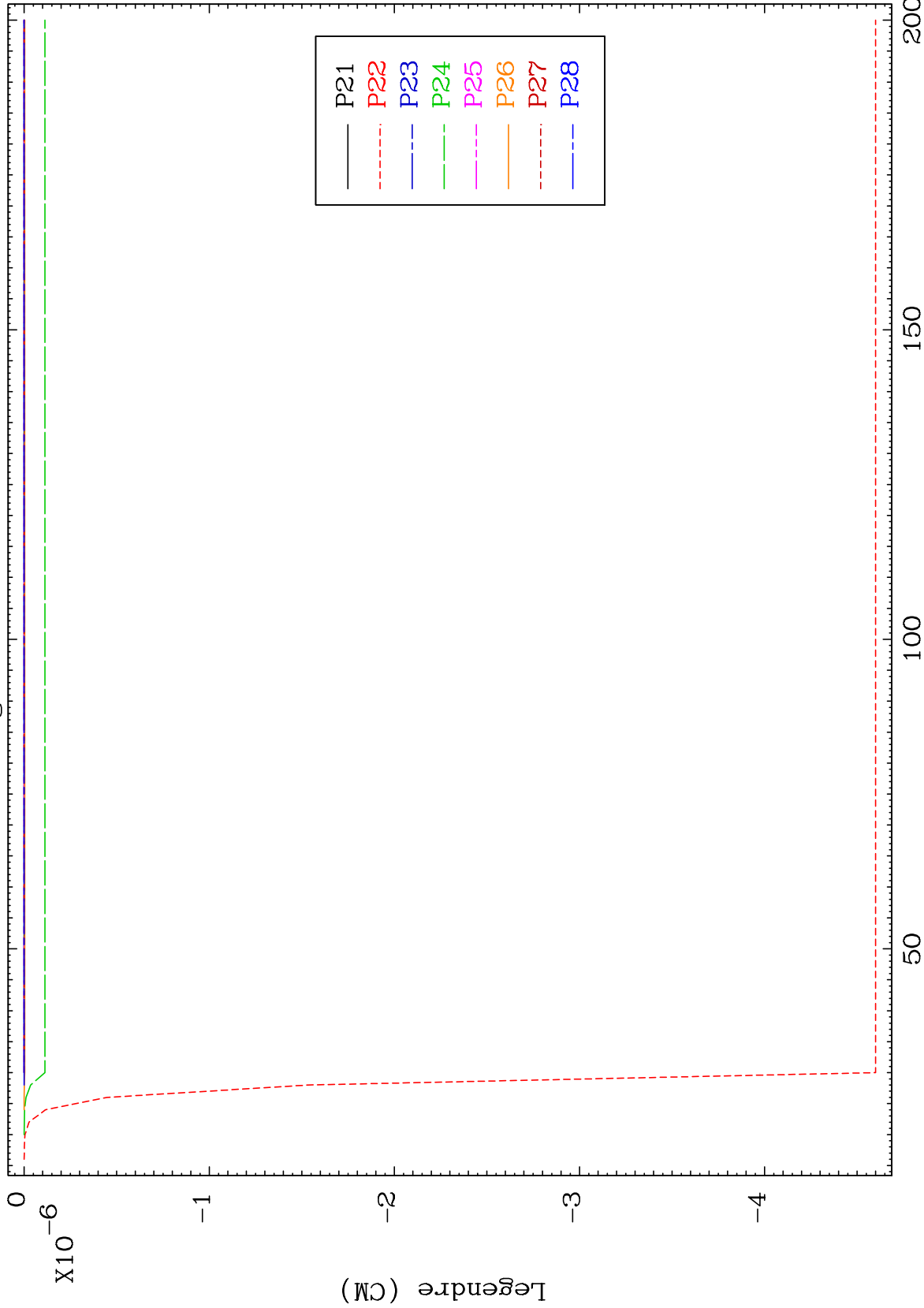
84-Po-206



MAT 8425

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

84-Po-206



107

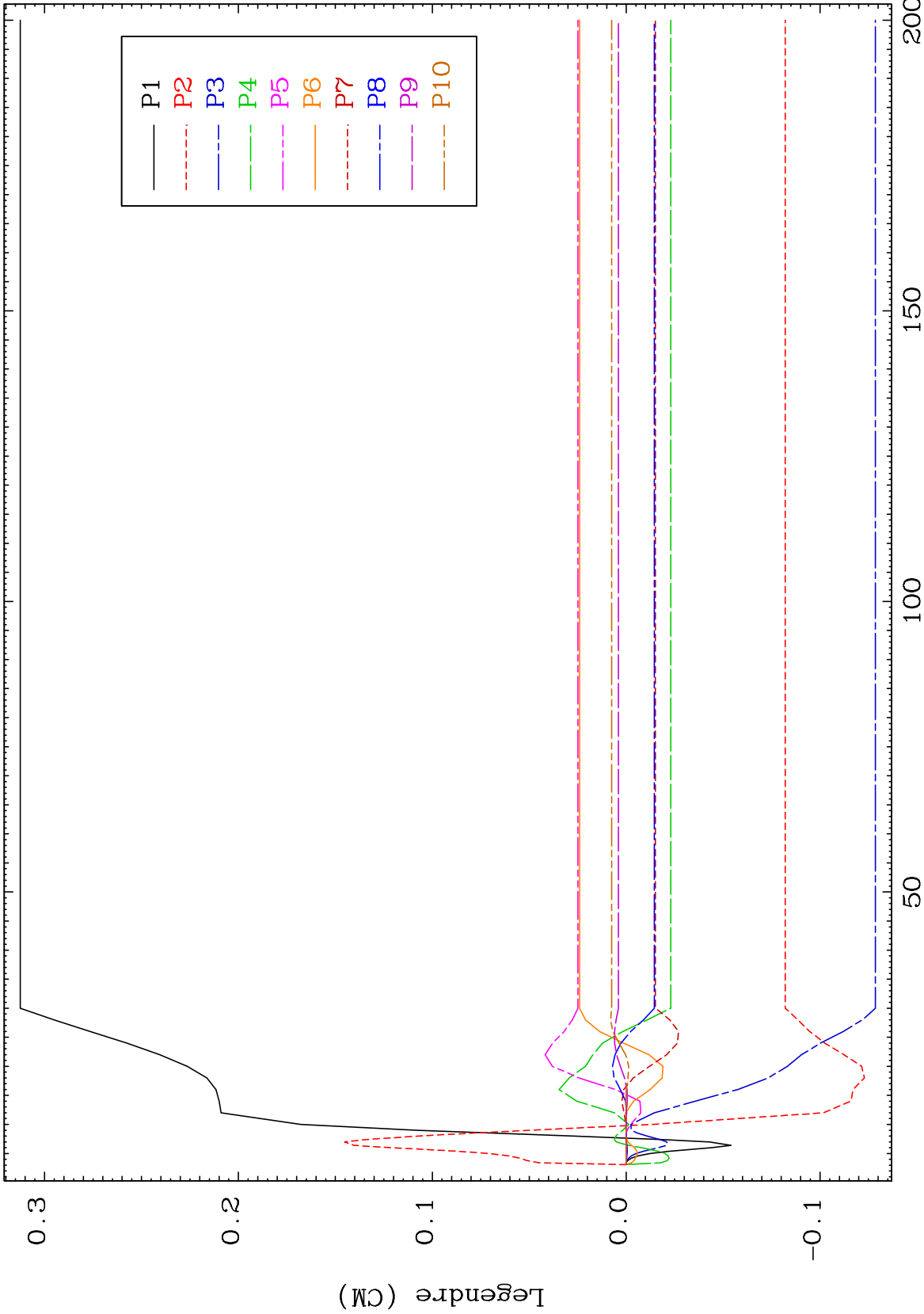
Incident Energy (MeV)

84-Po-206

MAT 8425

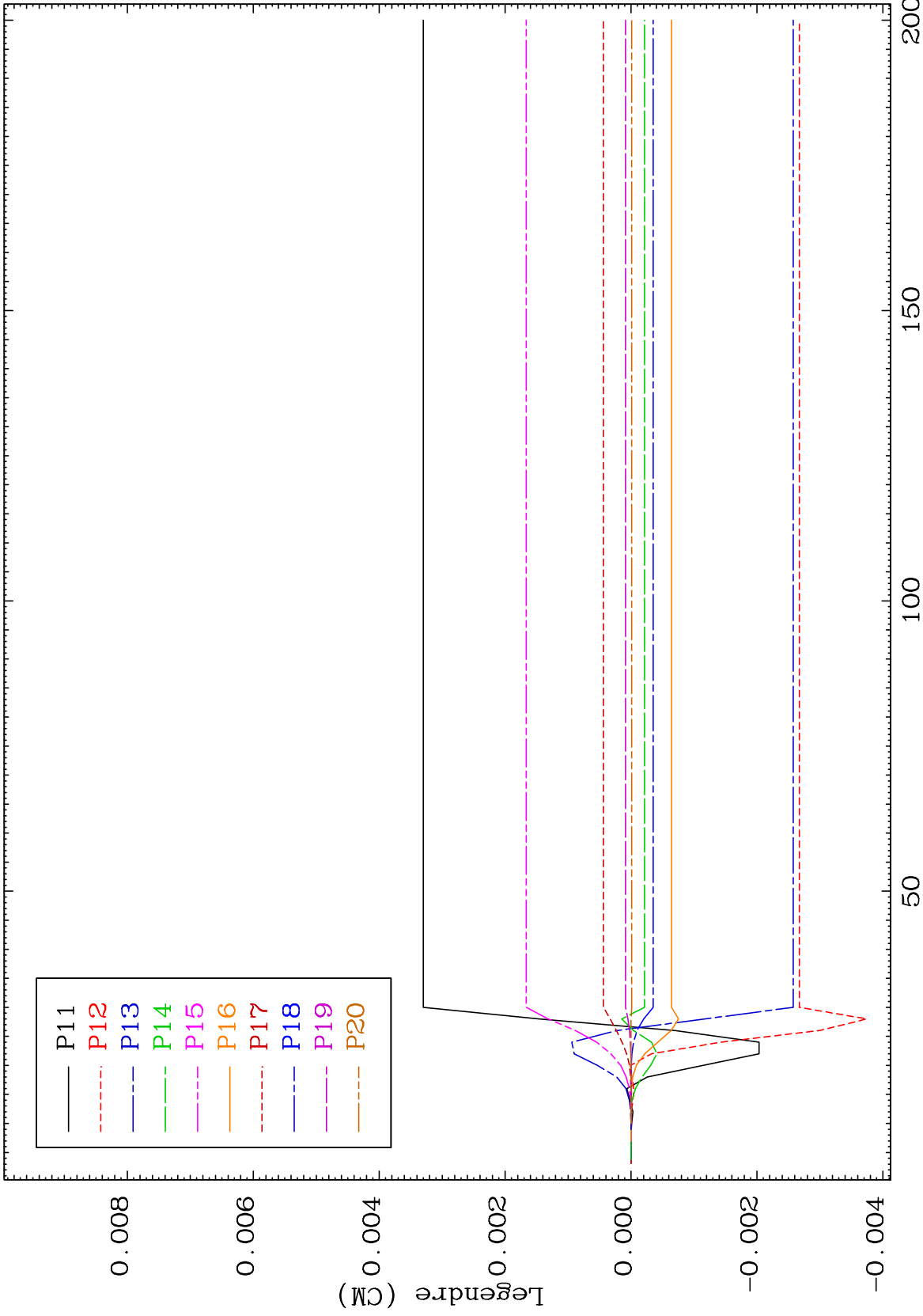
MT= 75 (n,n') Level  
Legendre Coefficients

84-Po-206



108

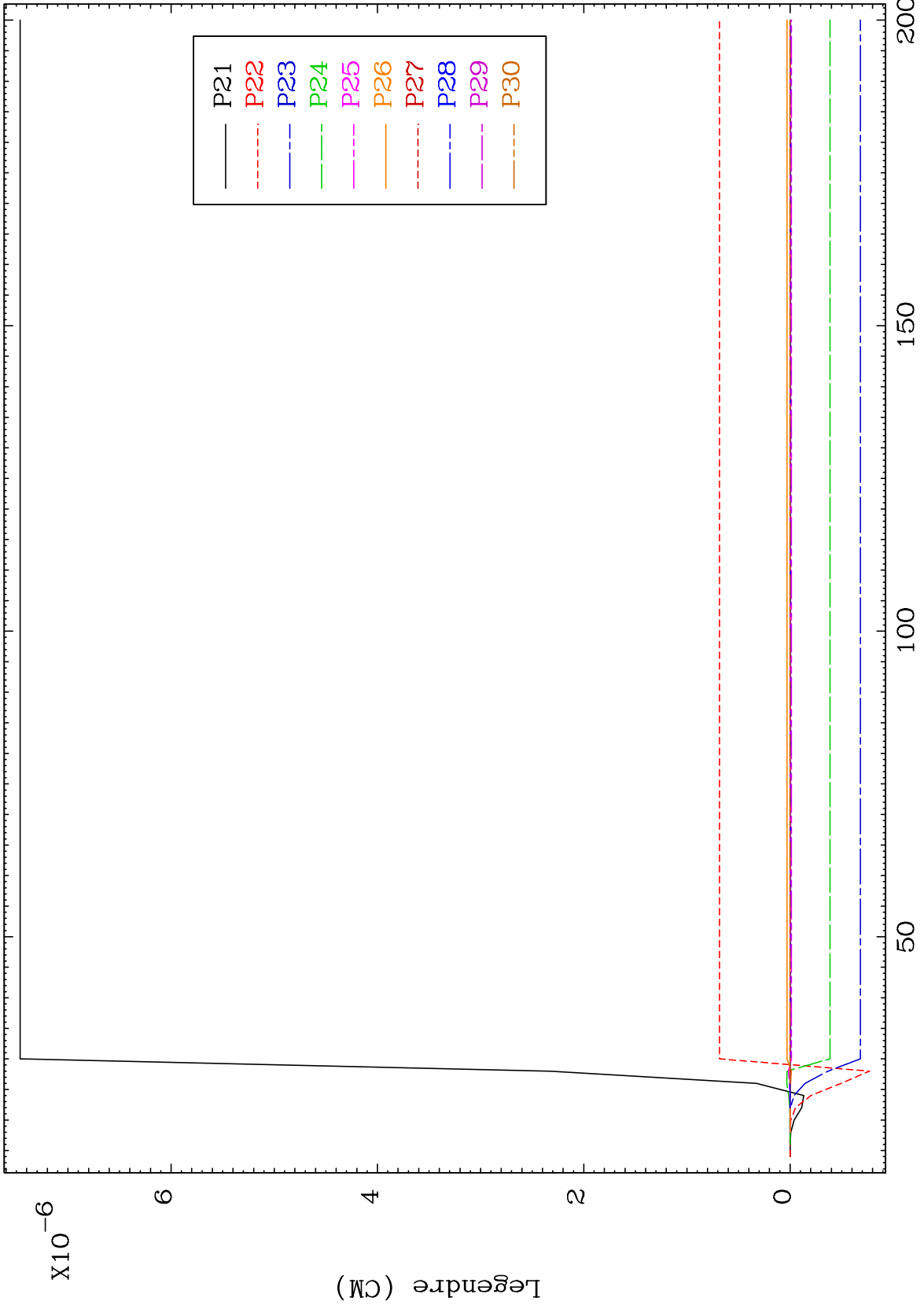
84-Po-206



MAT 8425

MT= 75 (n,n') Level  
Legendre Coefficients

84-Po-206



110

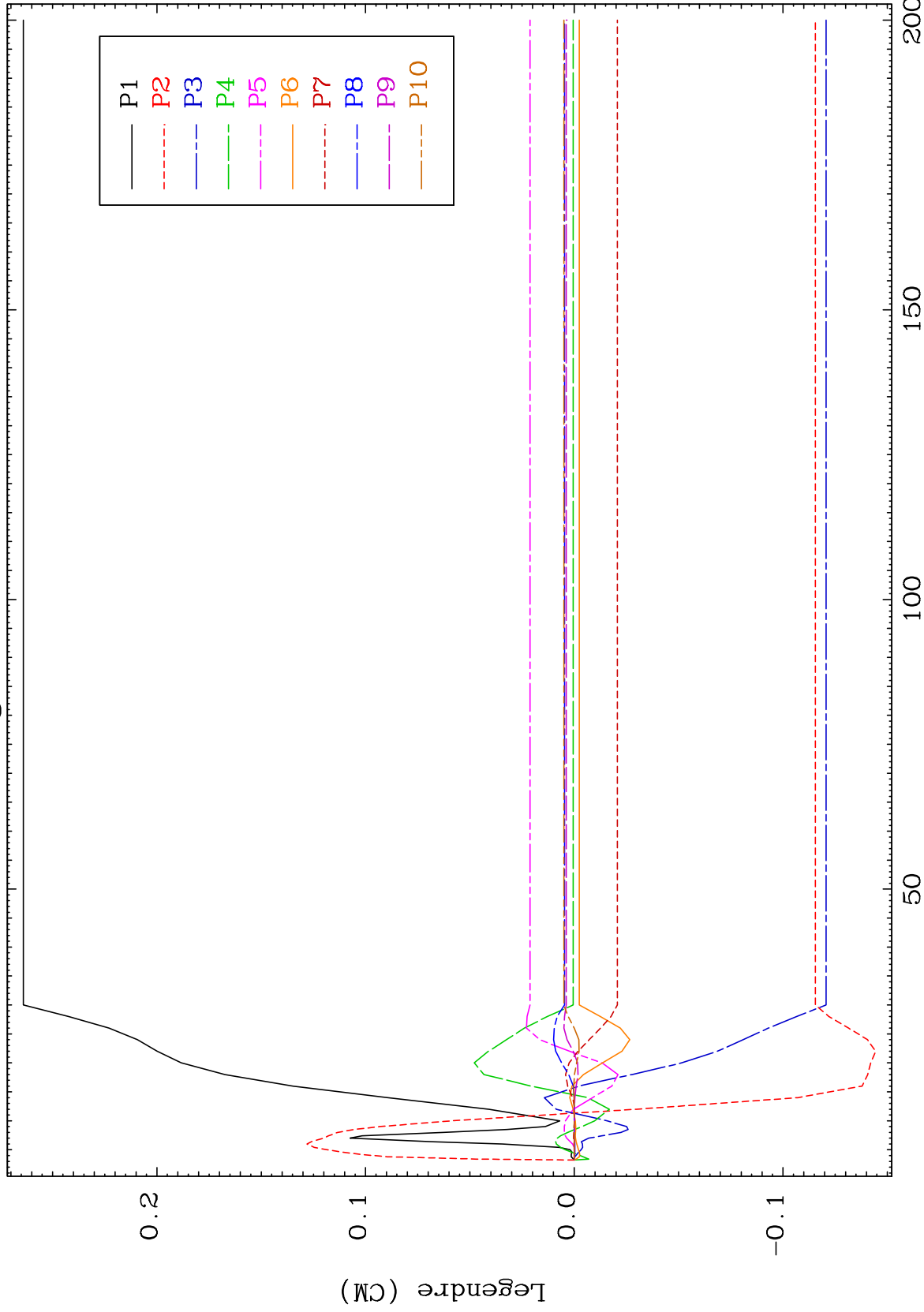
Incident Energy (MeV)

84-Po-206

MAT 8425

MT= 76 (n,n') Level  
Legendre Coefficients

84-Po-206



111

Incident Energy (MeV)

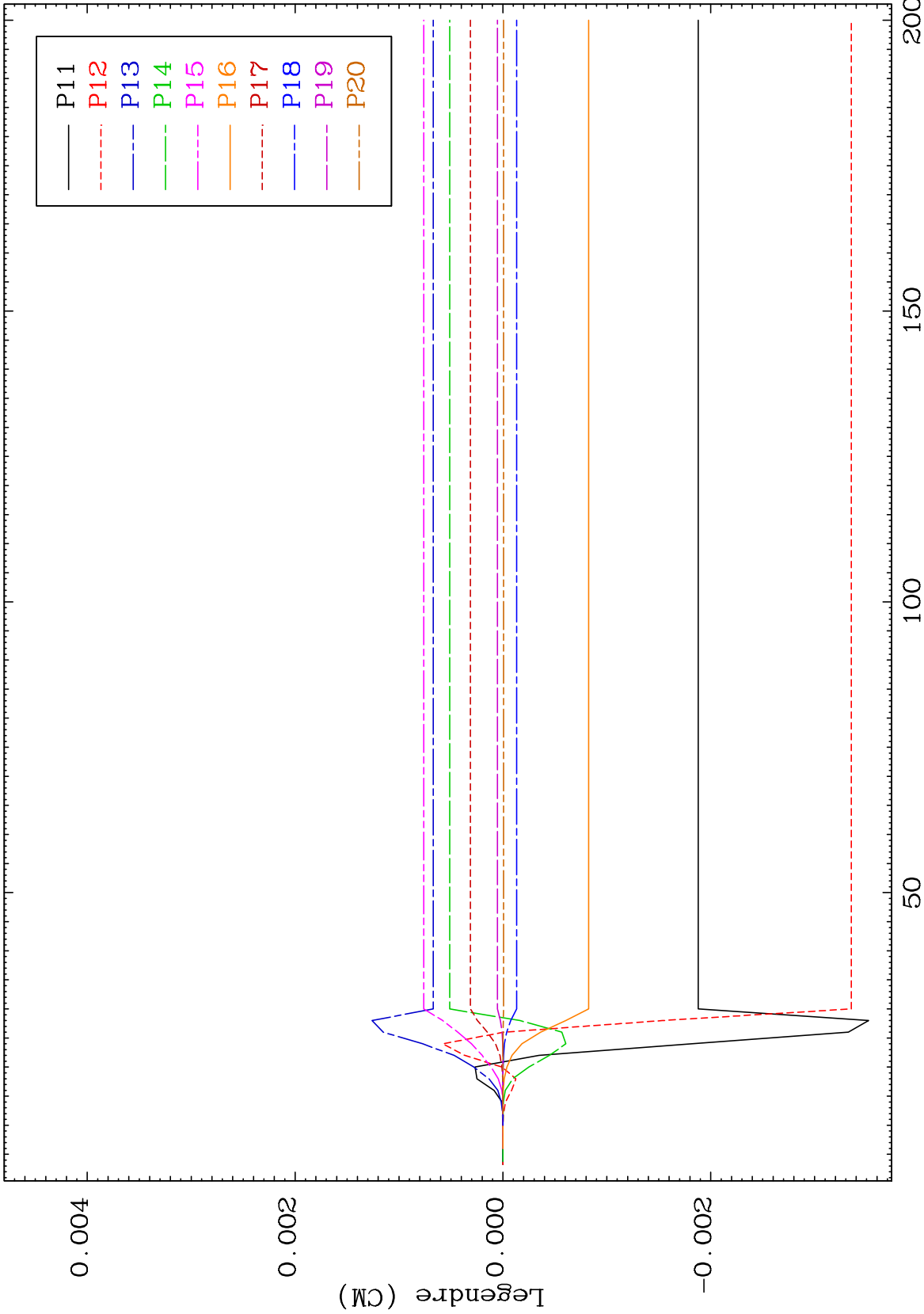
84-Po-206



MAT 8425

MT= 76 (n,n') Level  
Legendre Coefficients

84-Po-206



112

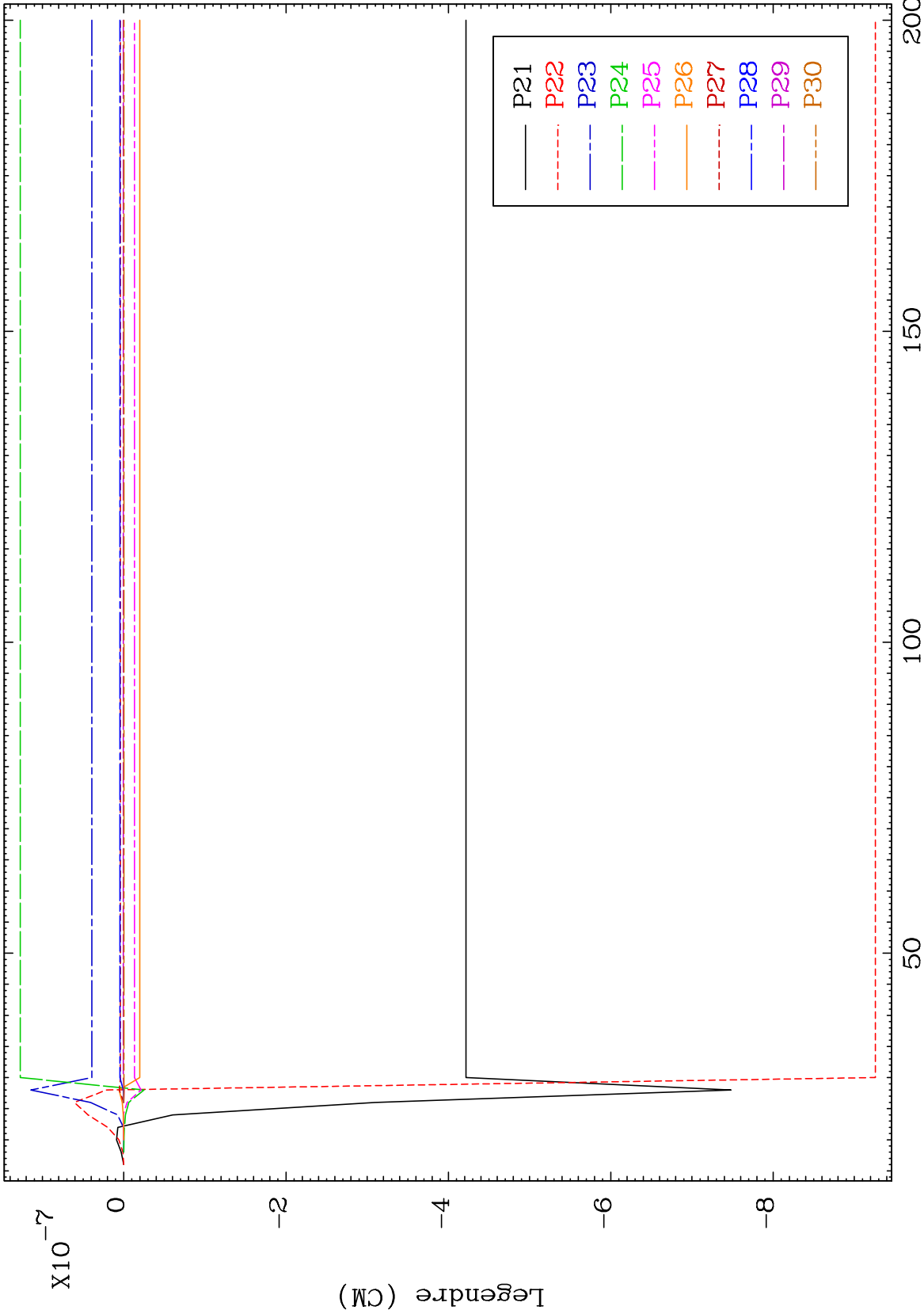
Incident Energy (MeV)

84-Po-206

MAT 8425

MT= 76 (n,n') Level  
Legendre Coefficients

84-Po-206



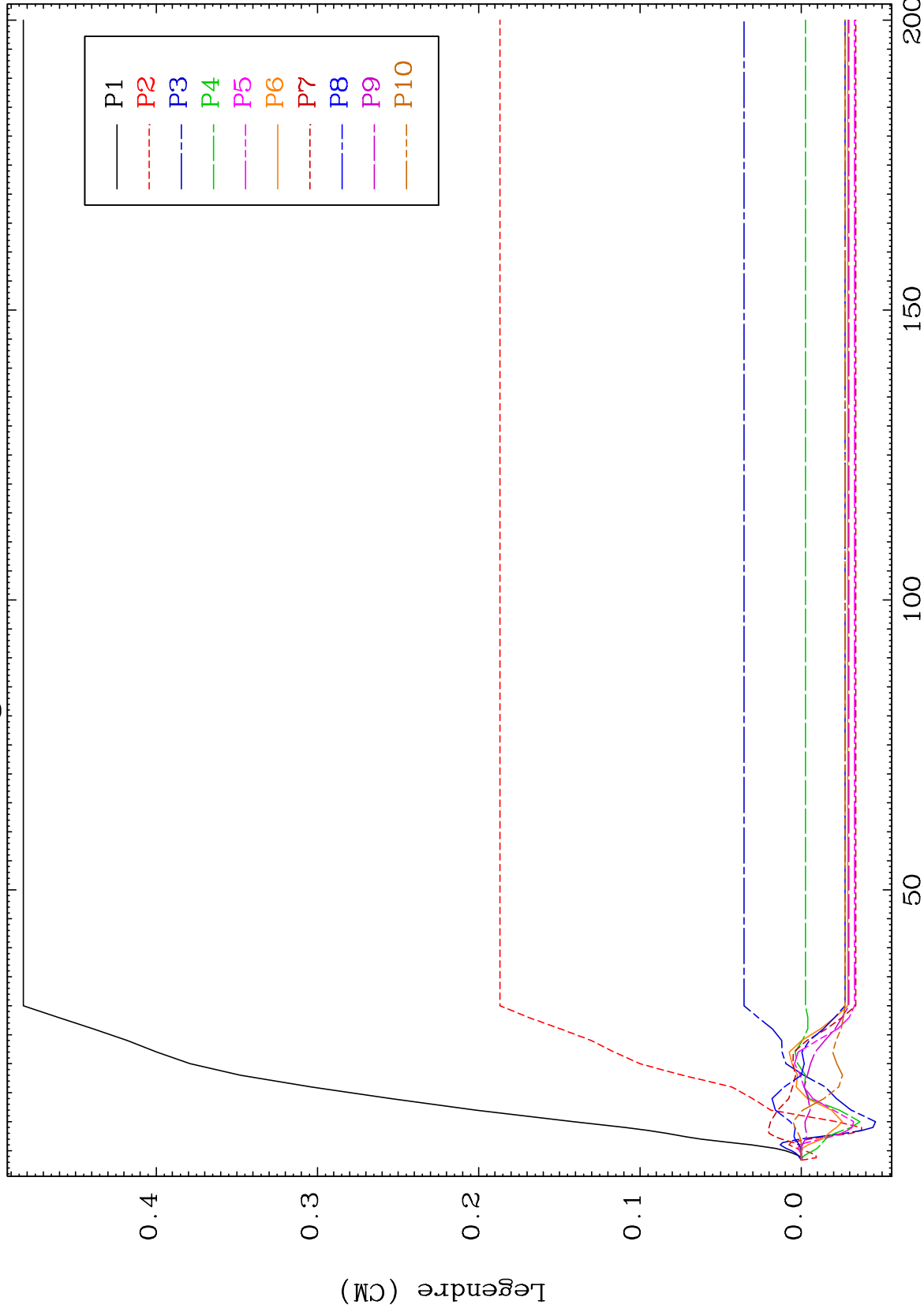
113

84-Po-206

MAT 8425

MT= 77 (n,n') Level  
Legendre Coefficients

84-Po-206



114

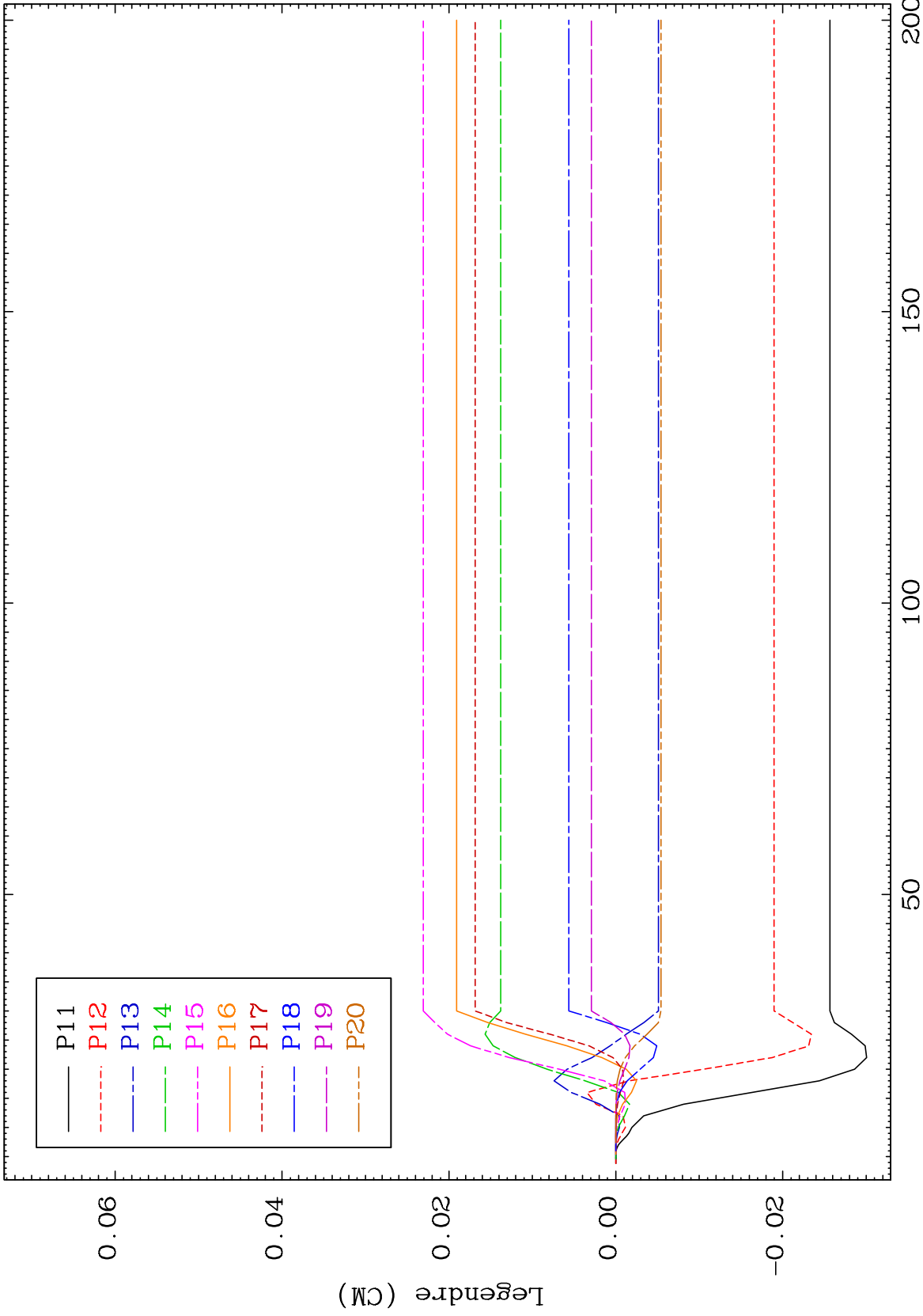
Incident Energy (MeV)

84-Po-206

MAT 8425

MT= 77 (n,n') Level  
Legendre Coefficients

84-Po-206



115

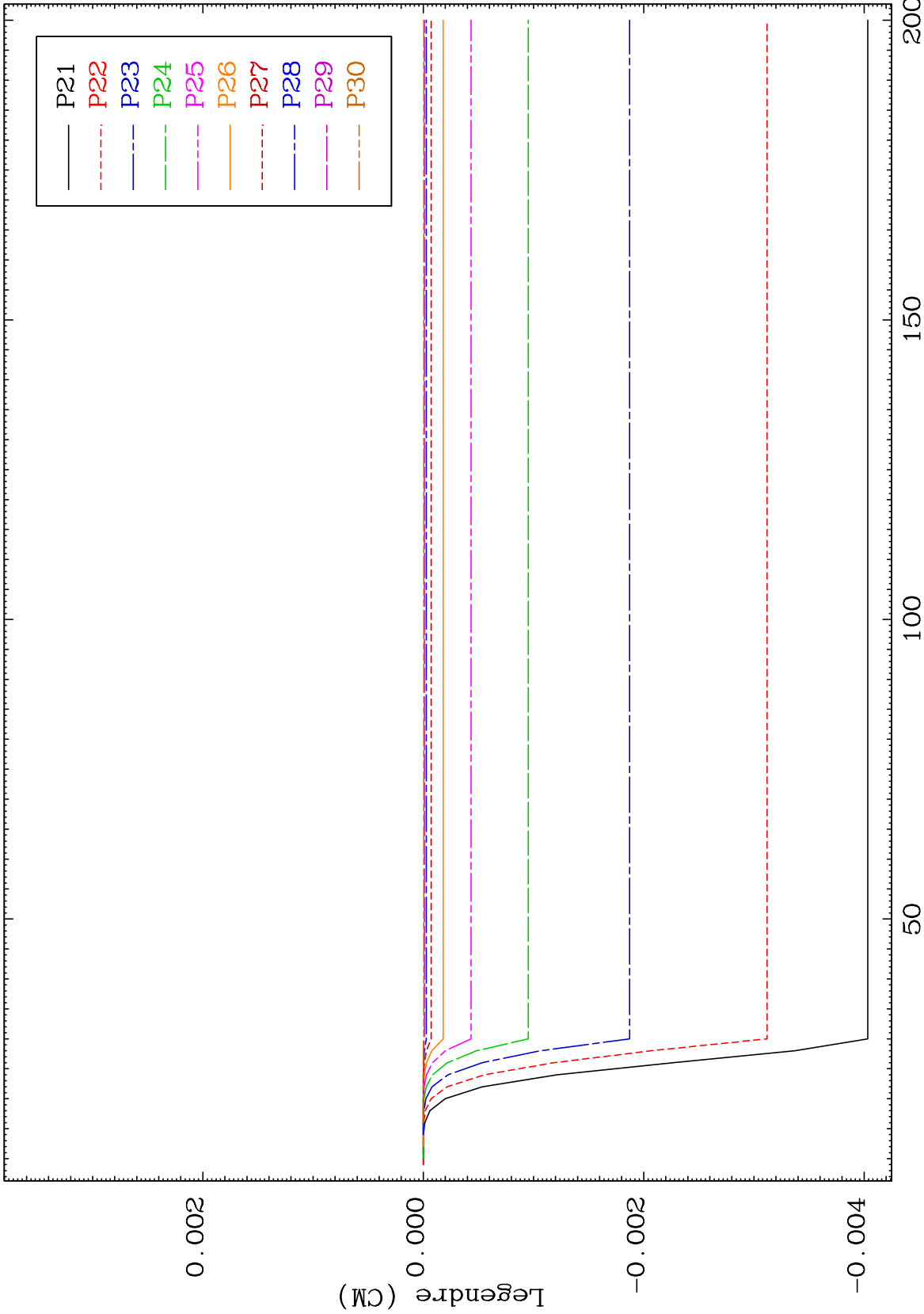
Incident Energy (MeV)

84-Po-206

MAT 8425

MT= 77 (n,n') Level  
Legendre Coefficients

84-Po-206



116

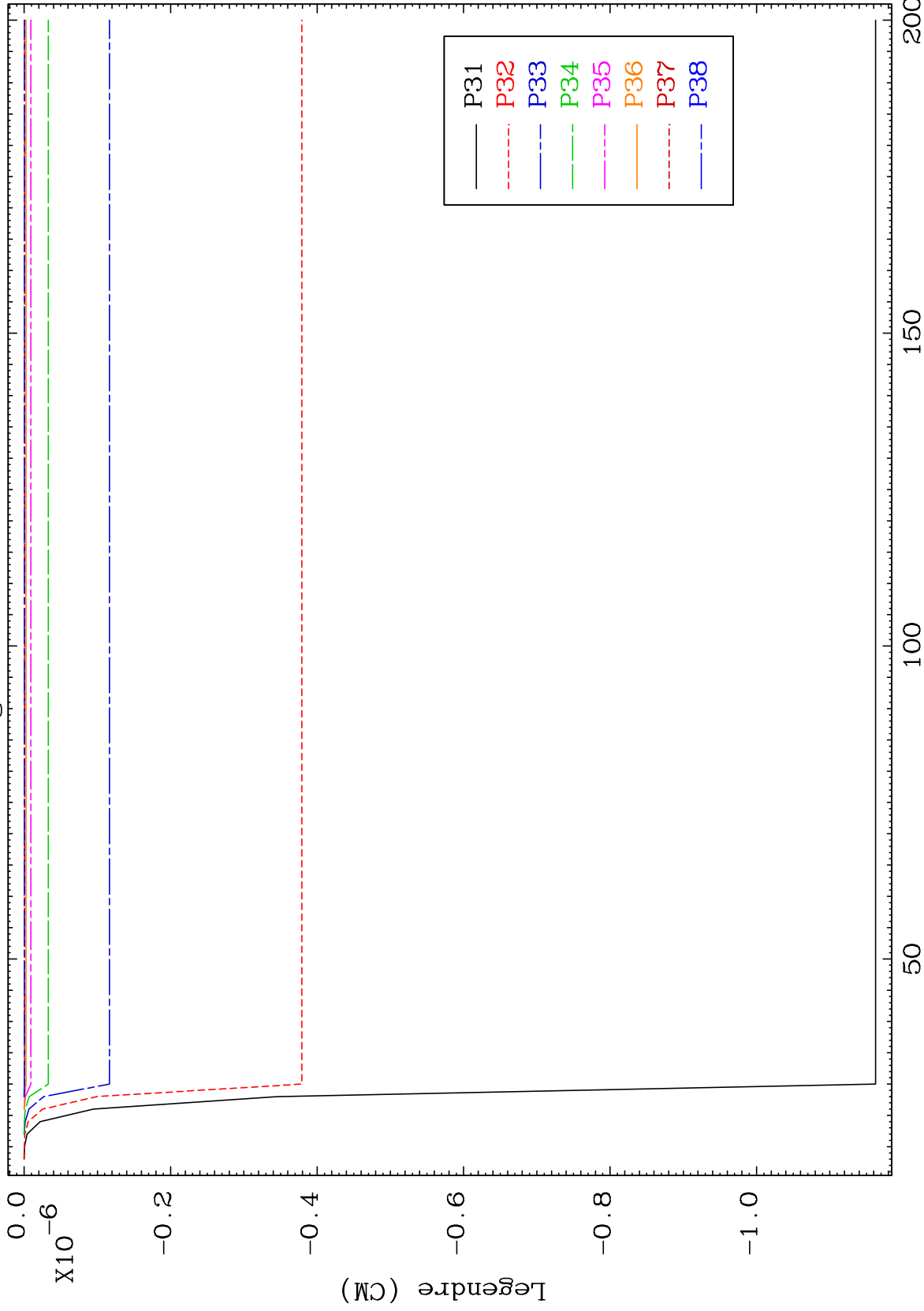
Incident Energy (MeV)

84-Po-206

MAT 8425

MT= 77 (n,n') Level  
Legendre Coefficients

84-Po-206



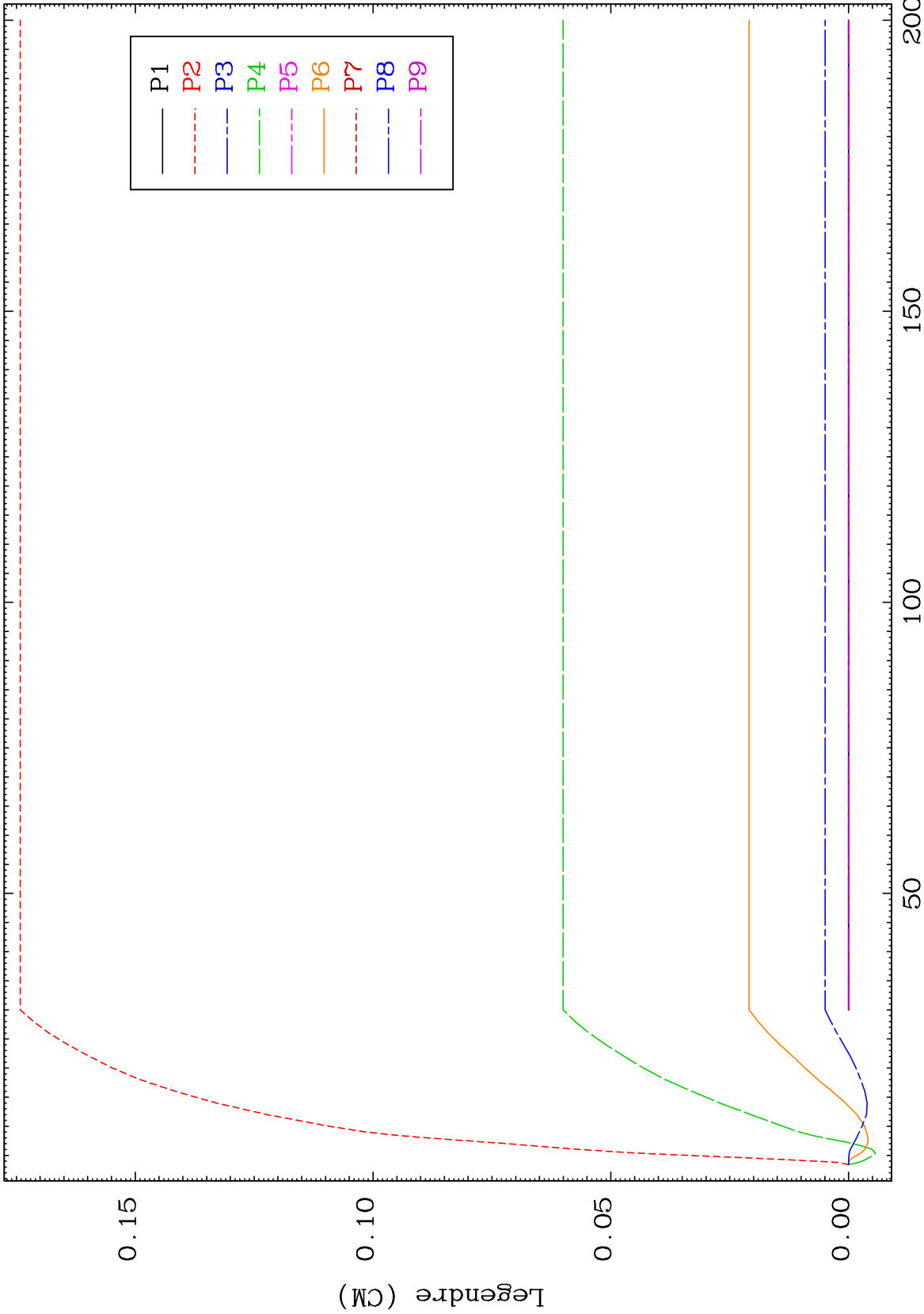
117

84-Po-206

MAT 8425

MT= 78 (n,n') Level  
Legendre Coefficients

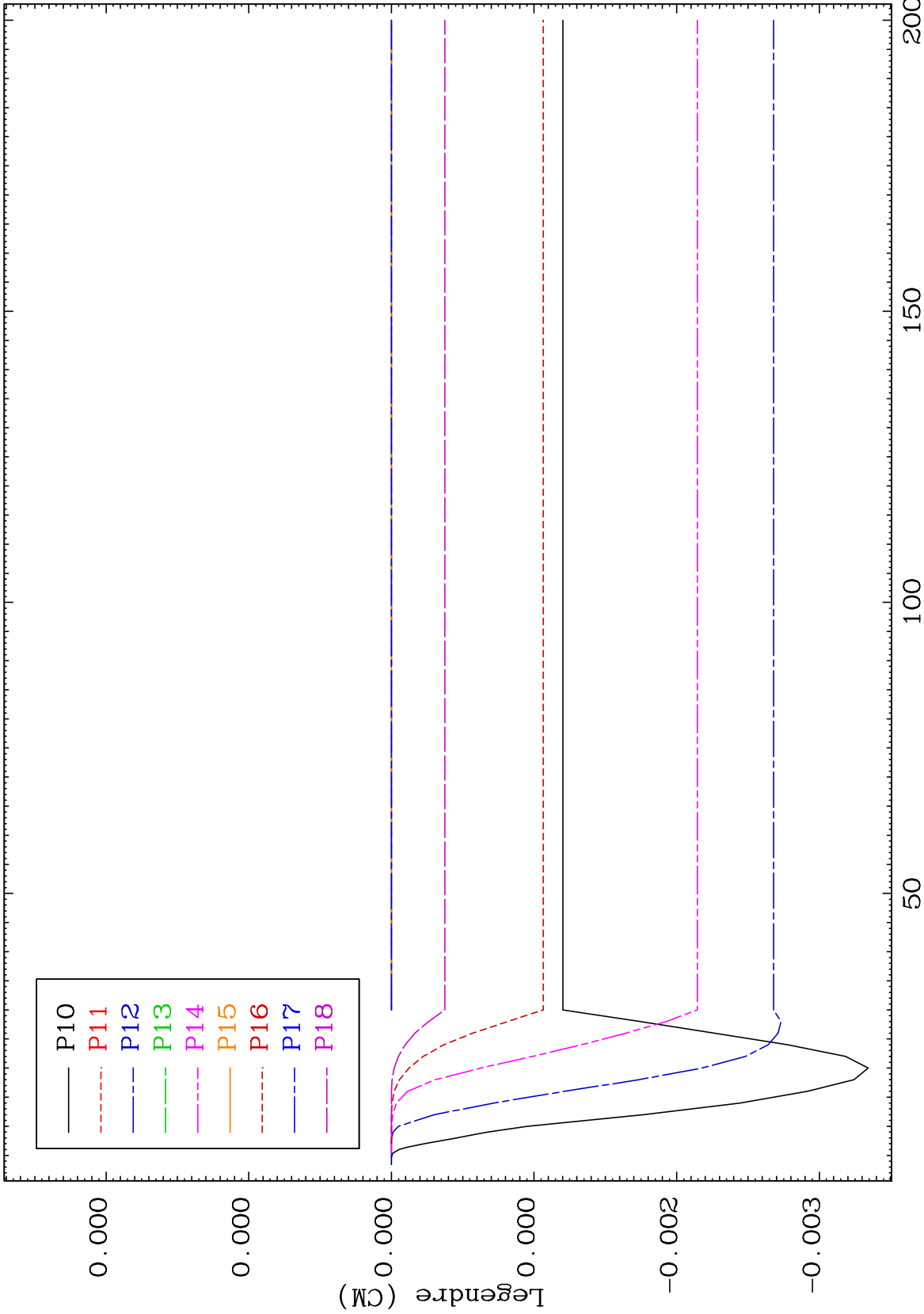
84-Po-206



118

Incident Energy (MeV)

84-Po-206

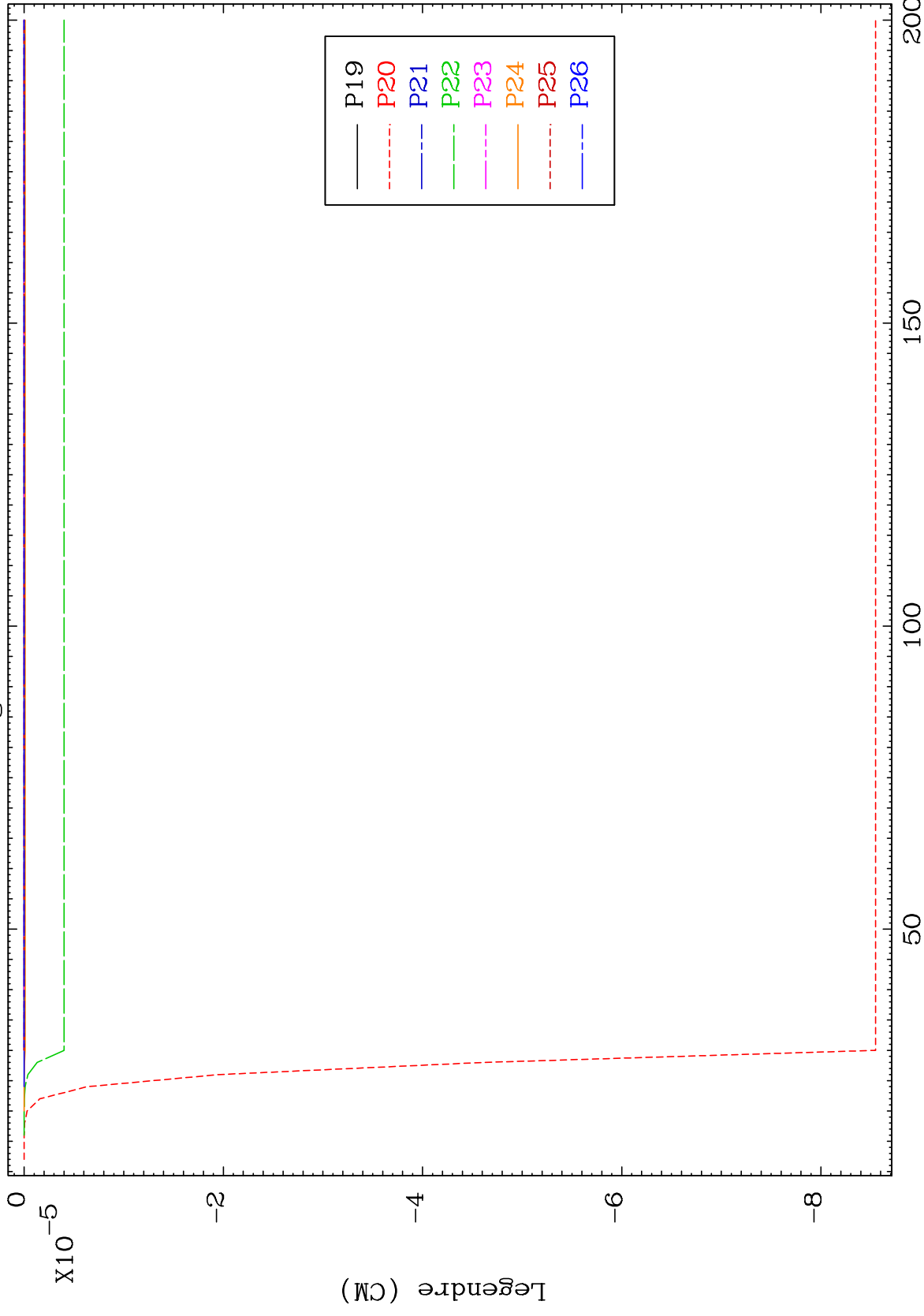




MAT 8425

MT= 78 (n,n') Level  
Legendre Coefficients

84-Po-206



84-Po-206

Incident Energy (MeV)

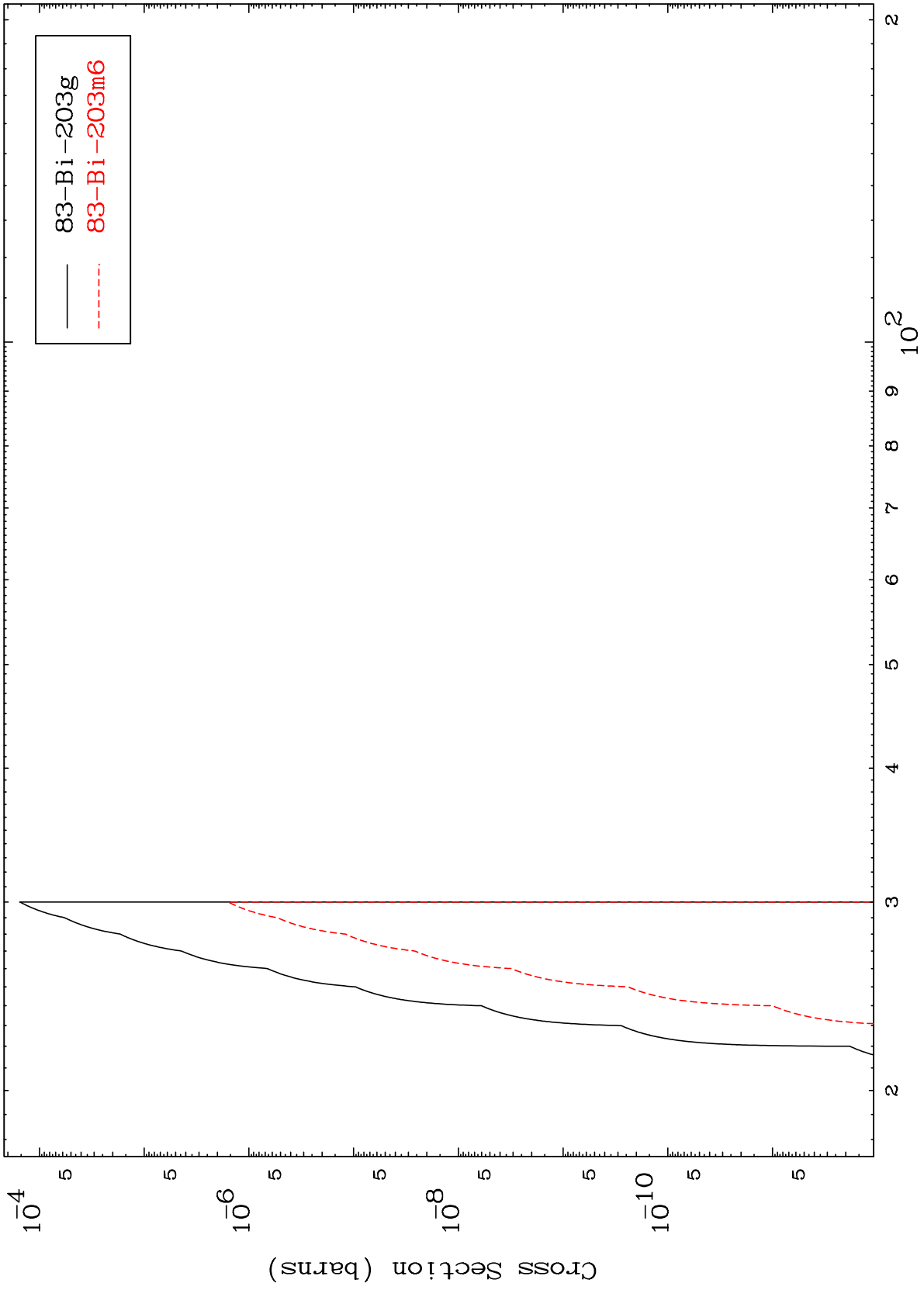
120

MAT 8425

(n,2n) d

84-Po-206

Radionuclide Production Cross Section



121

Incident Energy (MeV)

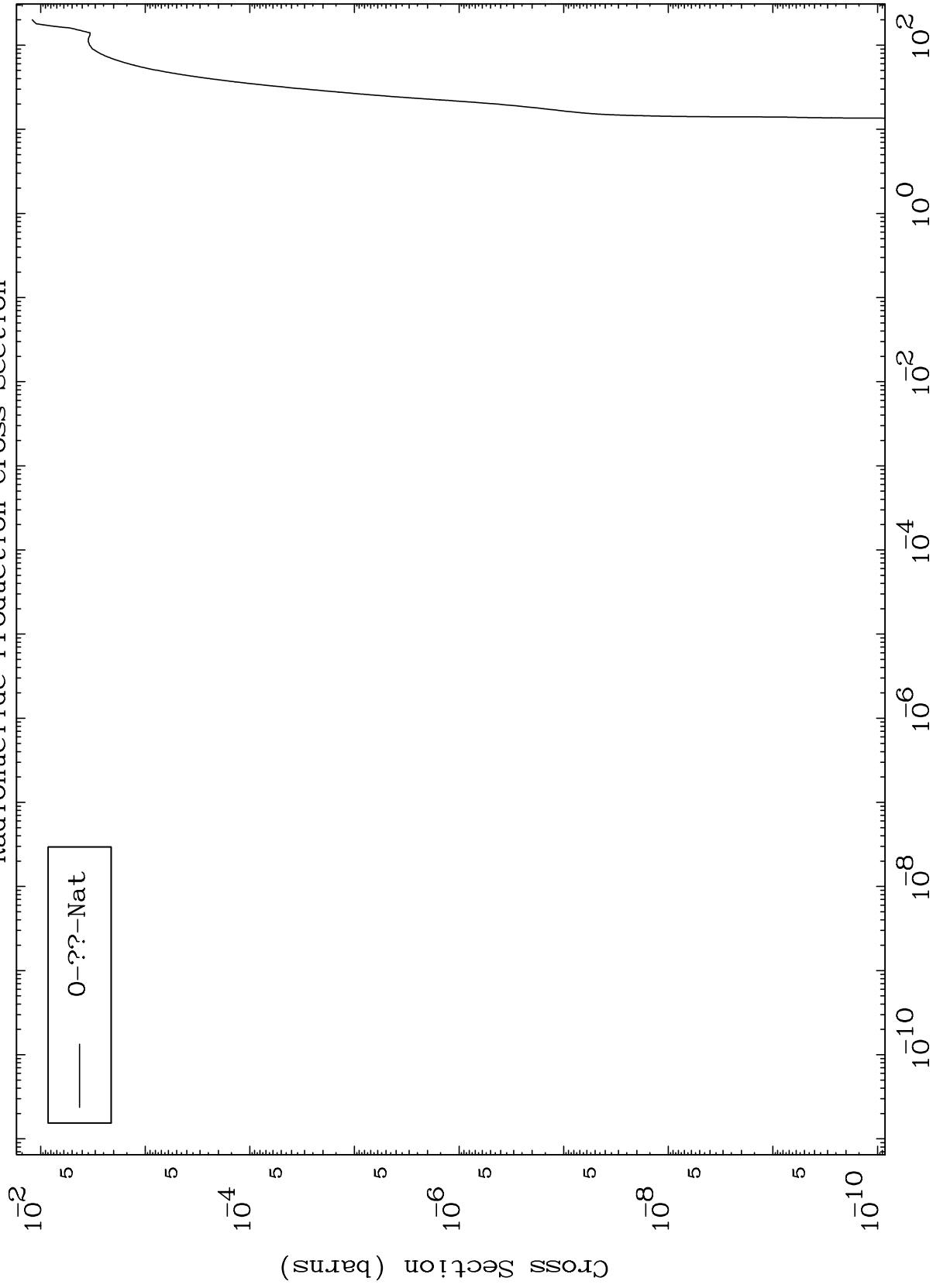
84-Po-206

MAT 8425

Fission

84-Po-206

Radionuclide Production Cross Section



122

Incident Energy (MeV)

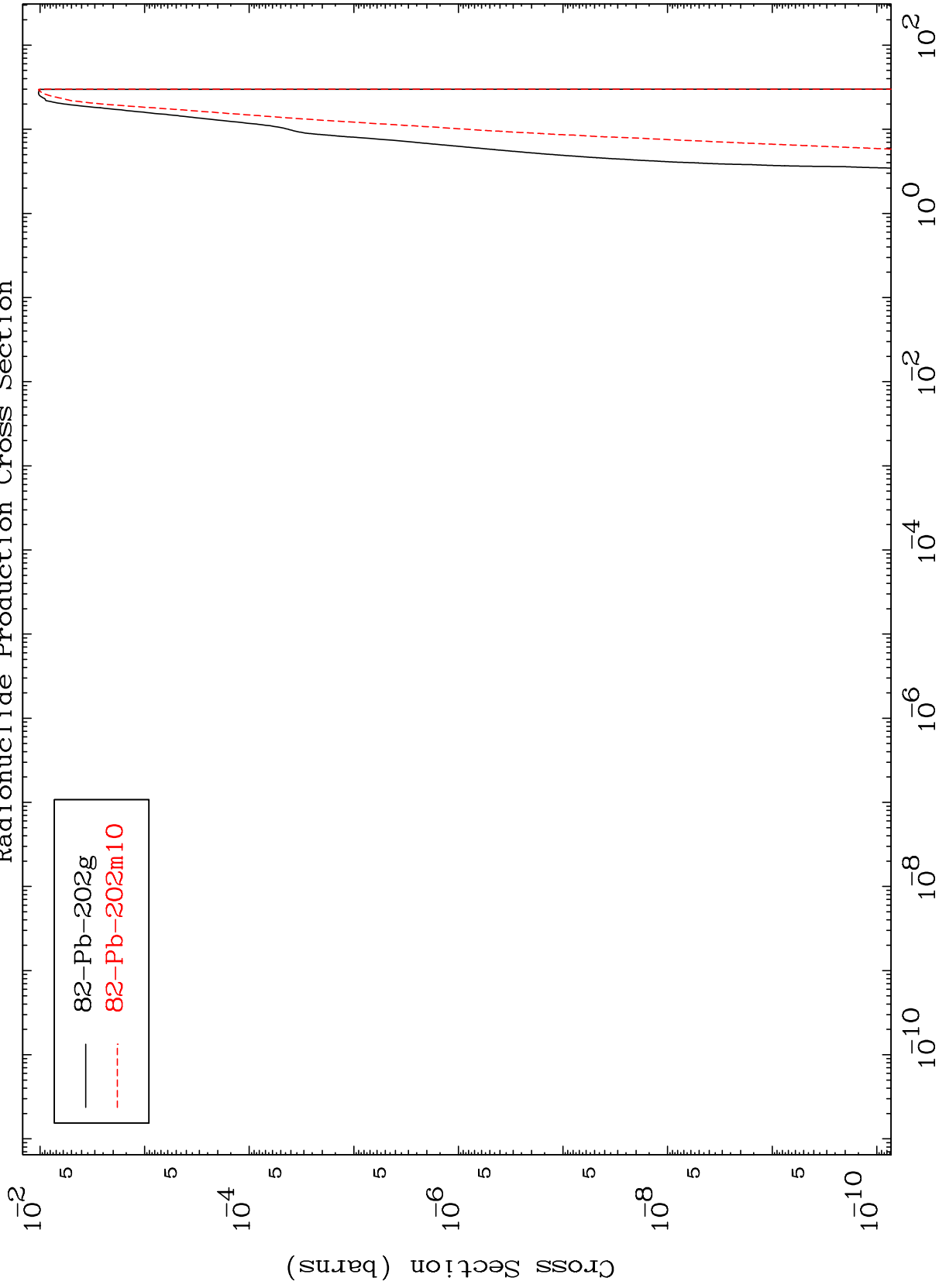
84-Po-206

MAT 8425

(n,n')  $\alpha$

84-Po-206

Radionuclide Production Cross Section



123

Incident Energy (MeV)

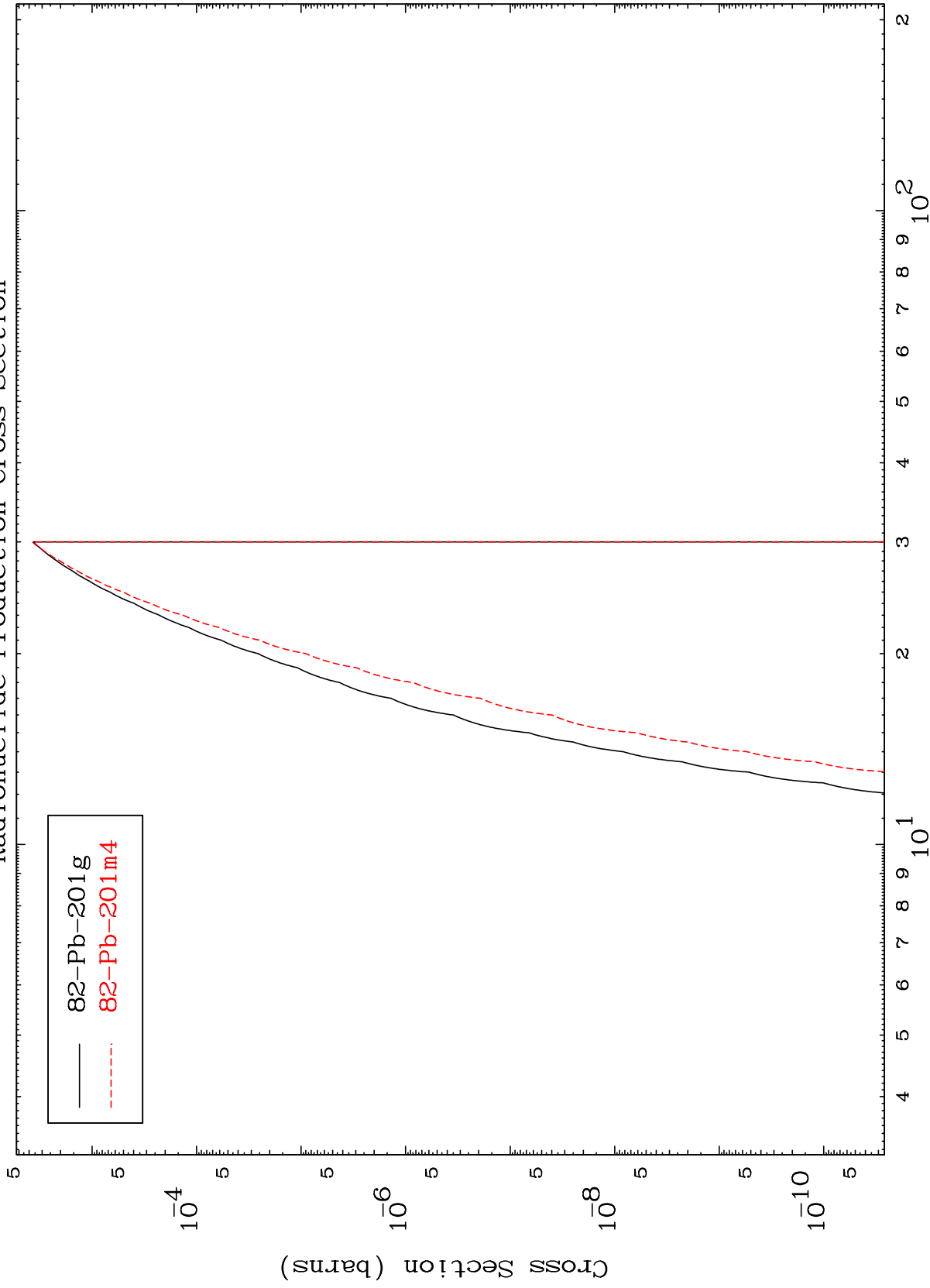
84-Po-206

MAT 8425

(n,2n)  $\alpha$

84-Po-206

Radionuclide Production Cross Section



124

Incident Energy (MeV)

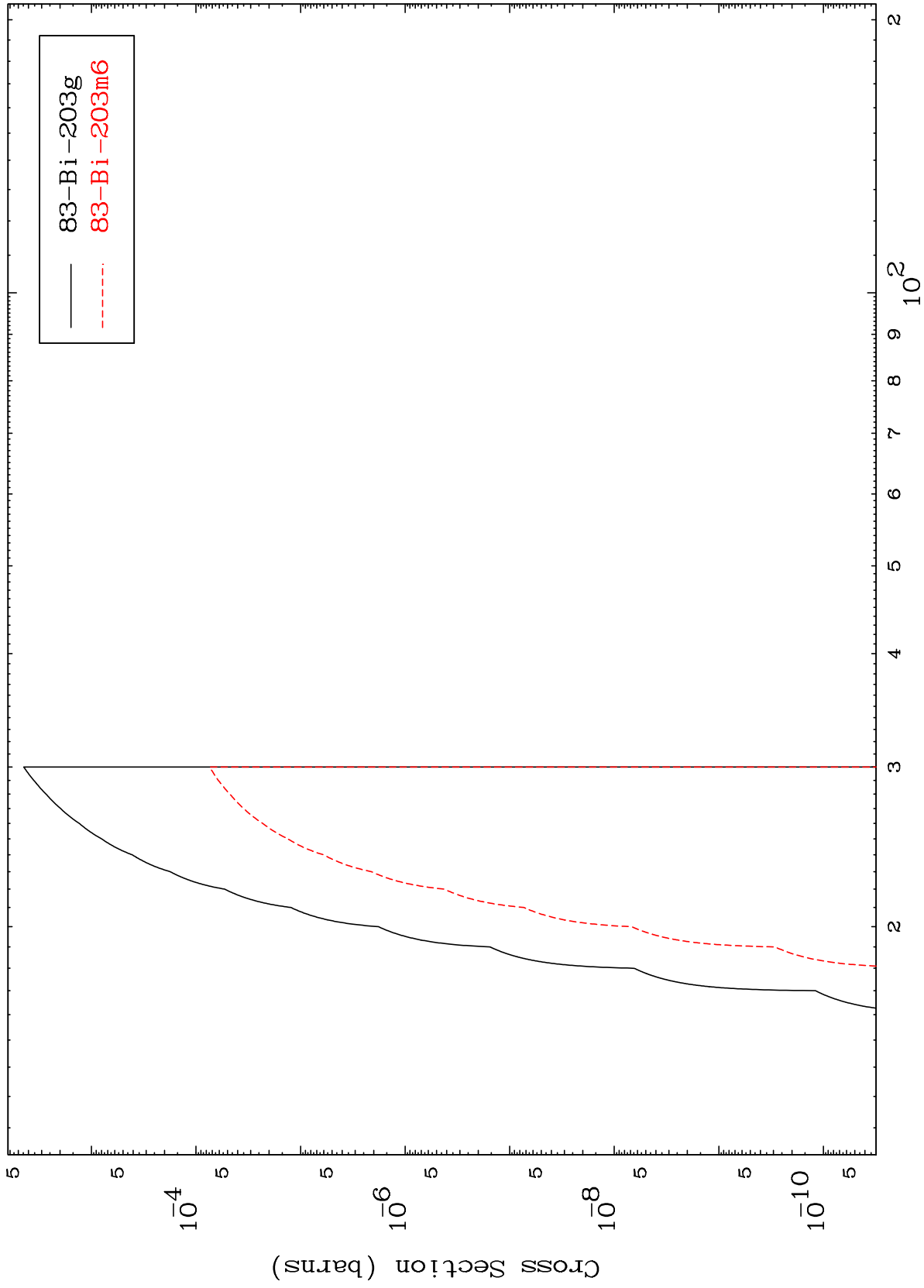
84-Po-206

MAT 8425

(n,n') t

84-Po-206

Radionuclide Production Cross Section



125

Incident Energy (MeV)

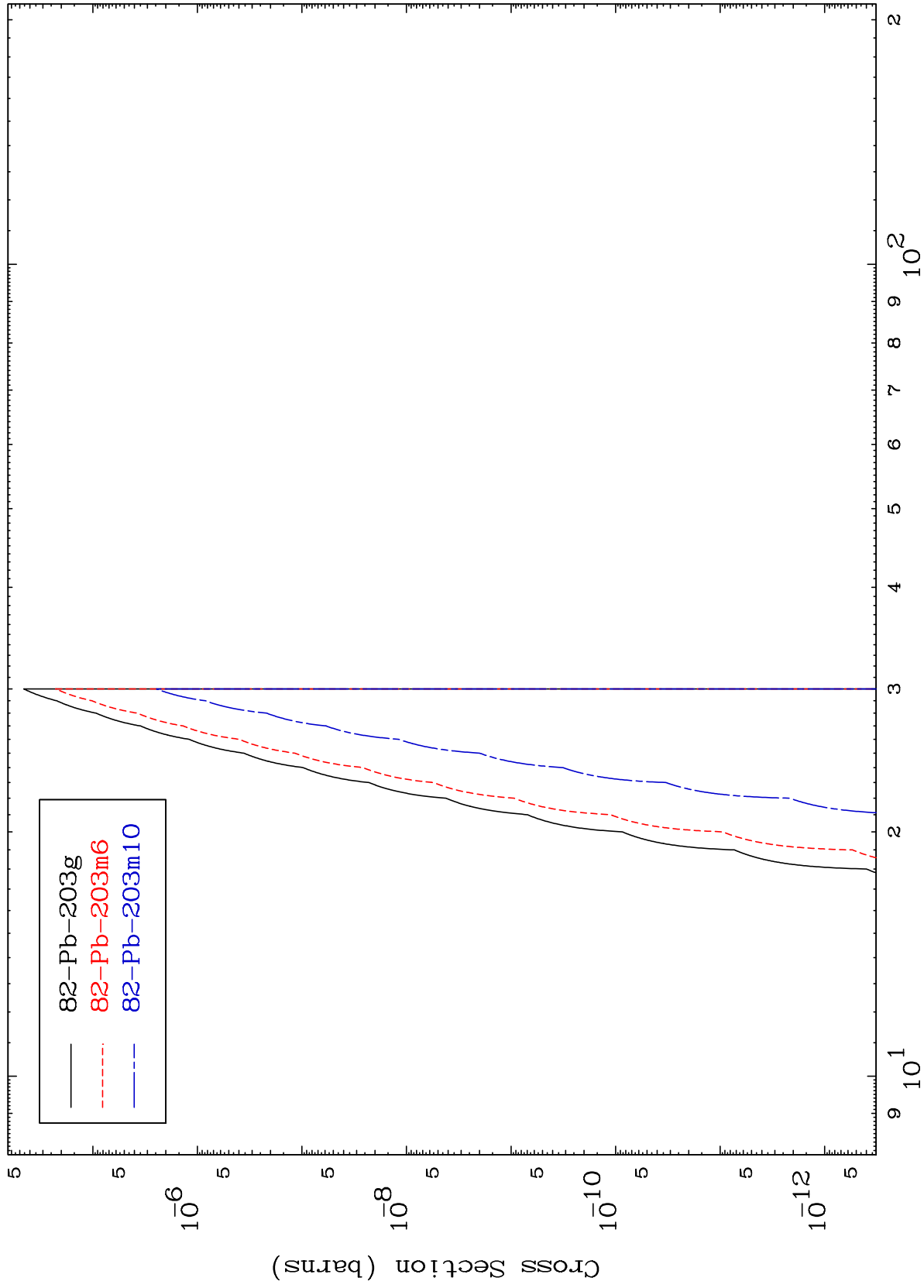
84-Po-206

MAT 8425

(n, n') He-3

84-Po-206

Radionuclide Production Cross Section



126

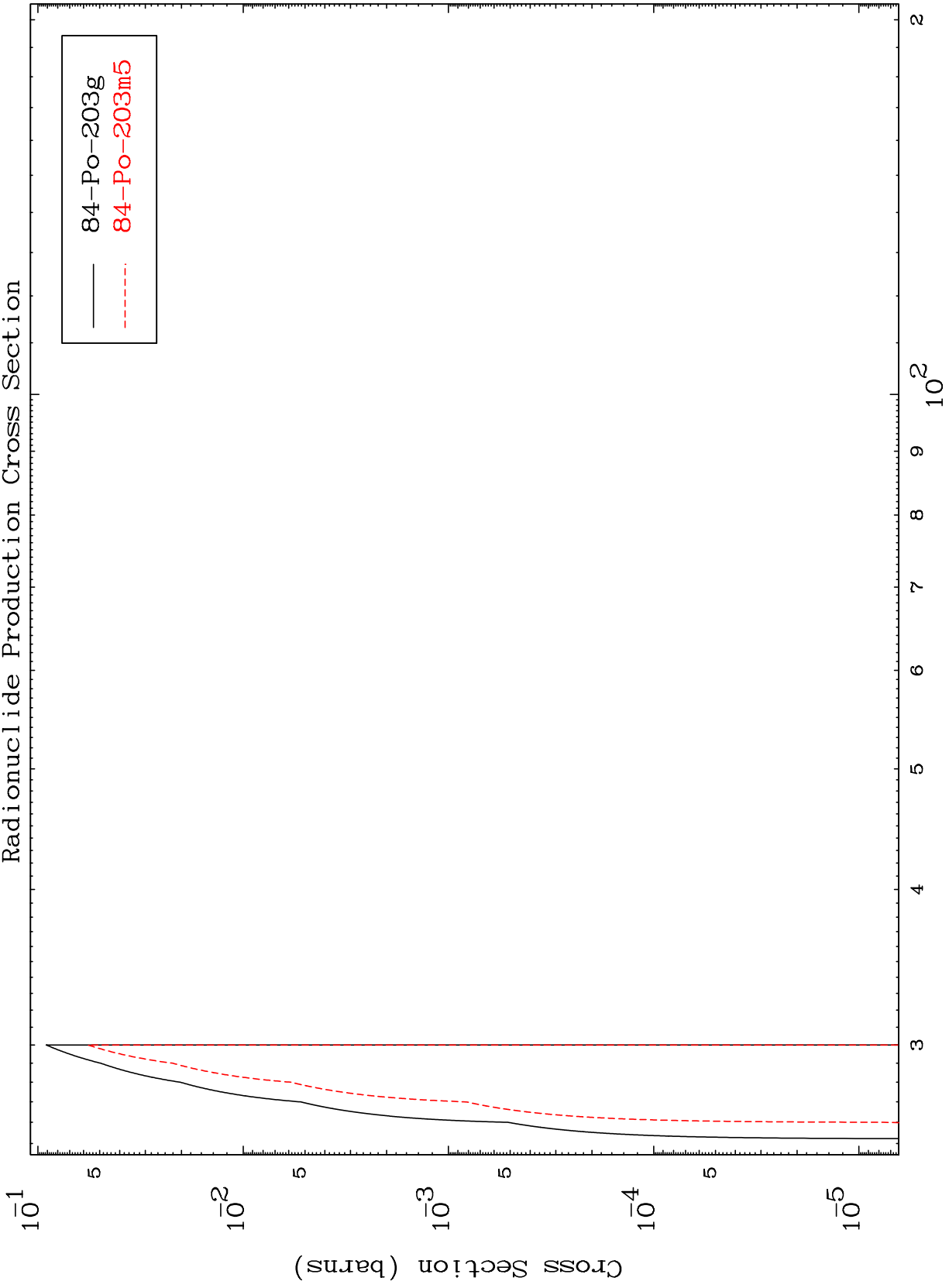
Incident Energy (MeV)

84-Po-206

MAT 8425

84-Po-206

(n,4n)  
Radionuclide Production Cross Section



127

84-Po-206

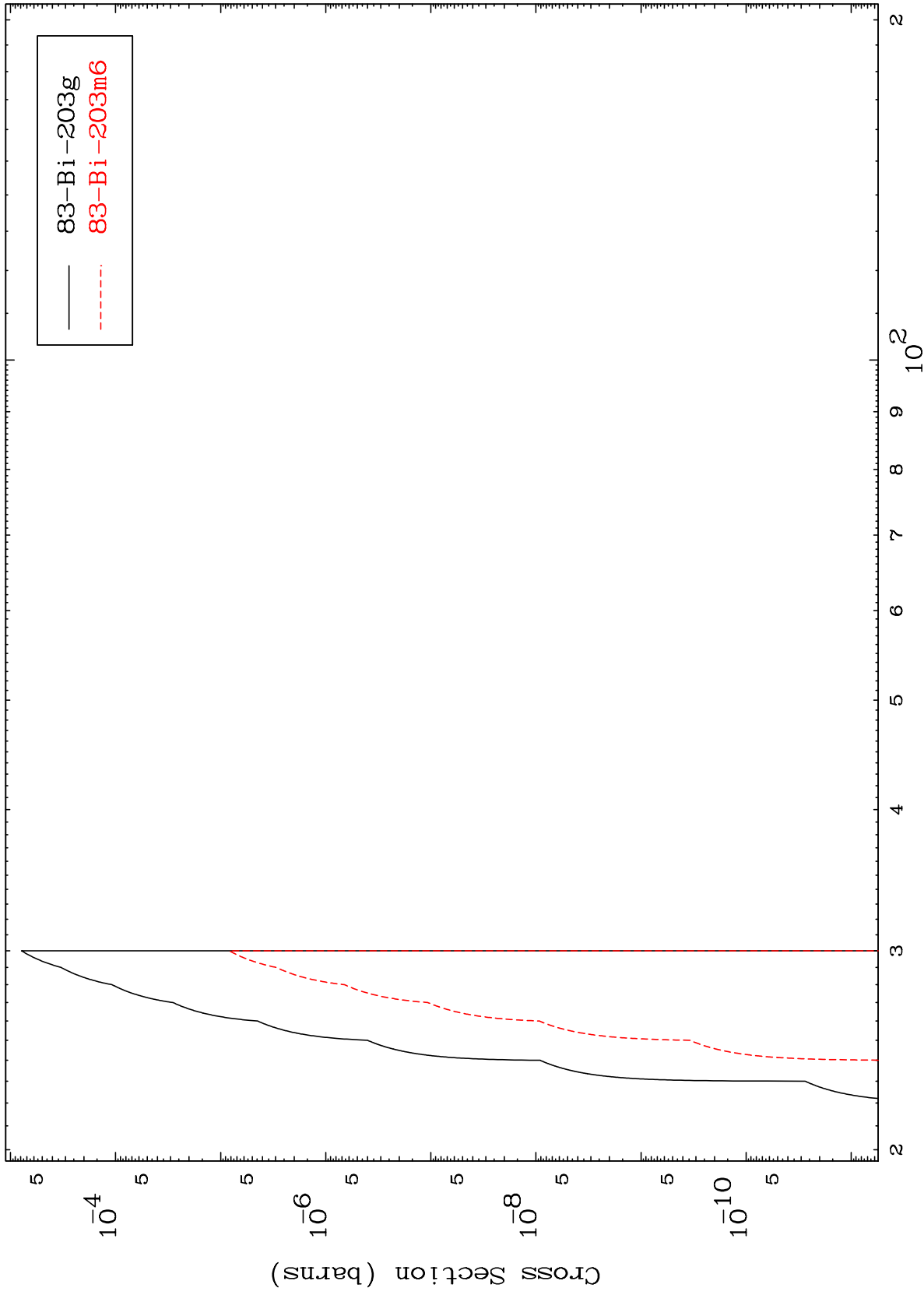


MAT 8425

(n,3n) p

84-Po-206

Radionuclide Production Cross Section



128

Incident Energy (MeV)

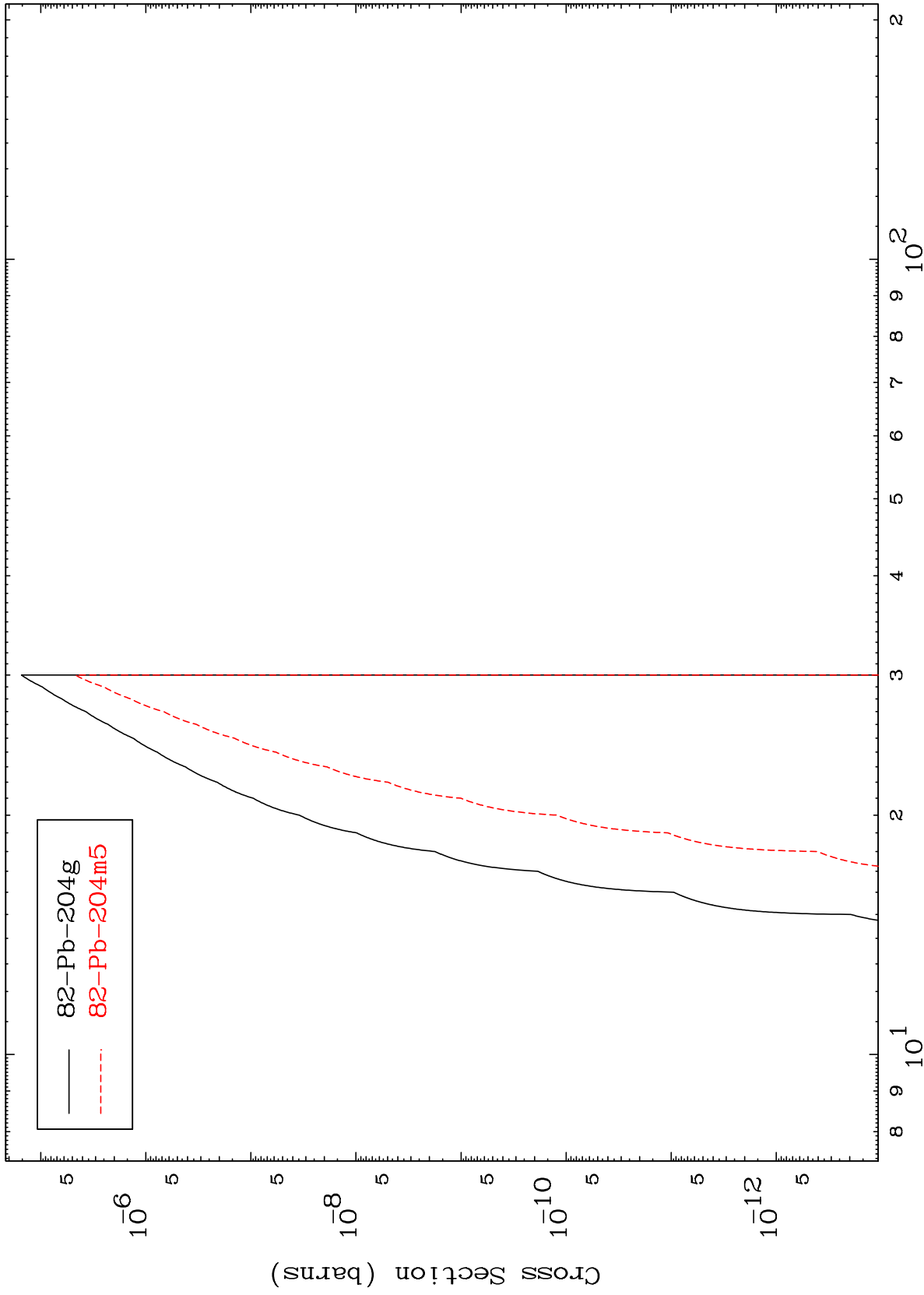
84-Po-206

MAT 8425

(n,2n) p

84-Po-206

Radionuclide Production Cross Section



129

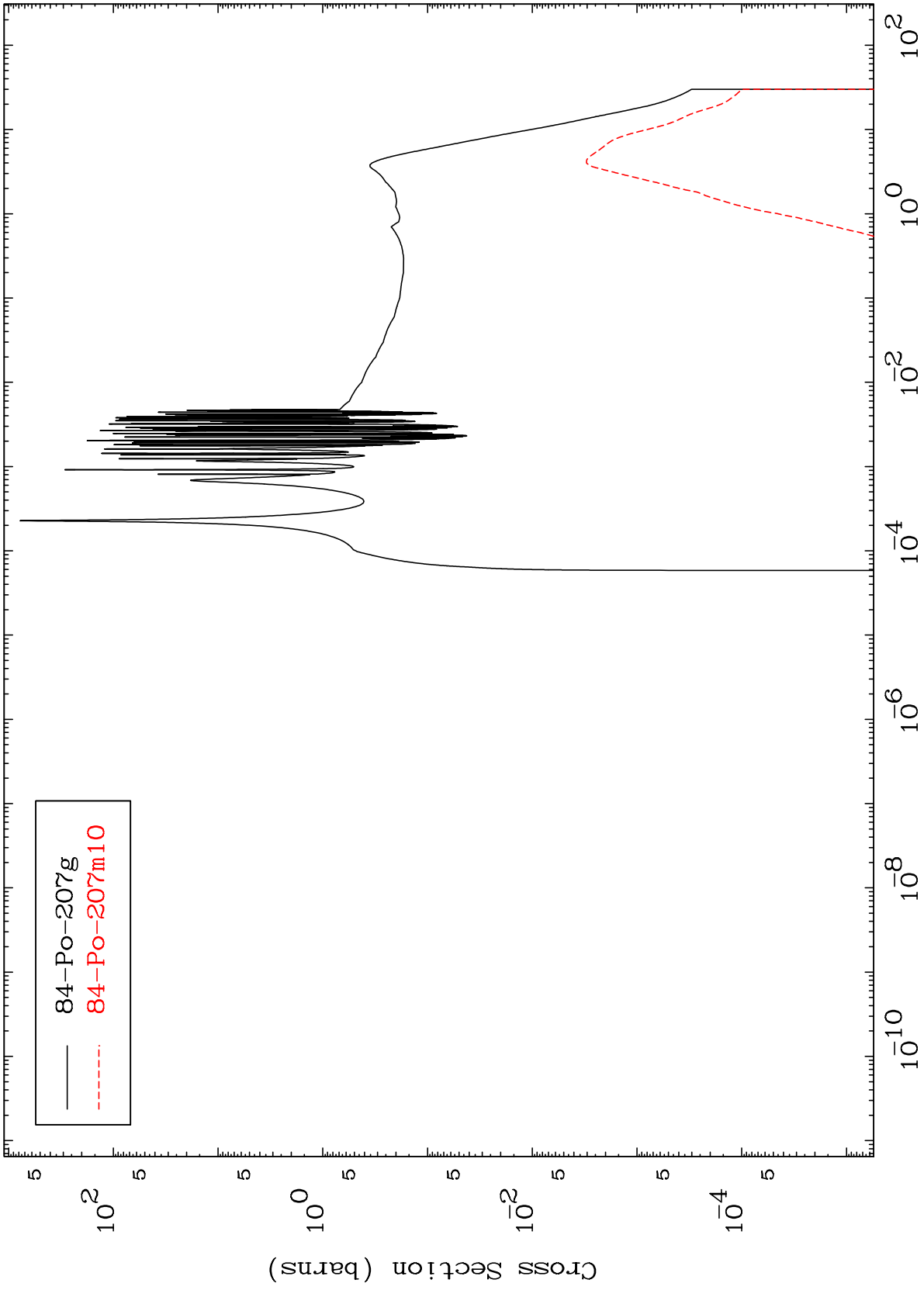
Incident Energy (MeV)

84-Po-206

MAT 8425

84-Po-206

(n,  $\gamma$ )  
Radionuclide Production Cross Section



130

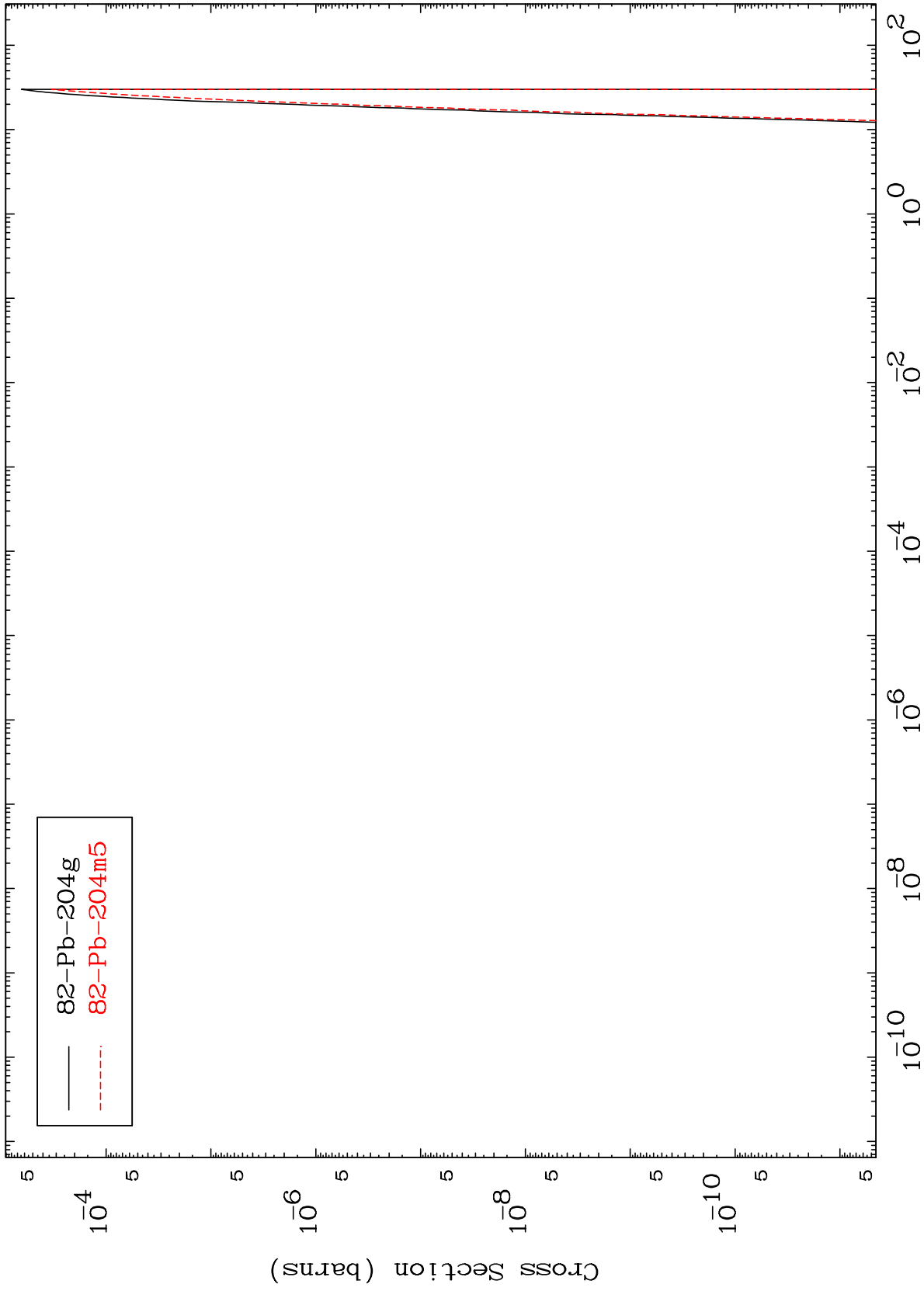
84-Po-206

MAT 8425

(n, He-3)

84-Po-206

Radionuclide Production Cross Section



131

Incident Energy (MeV)

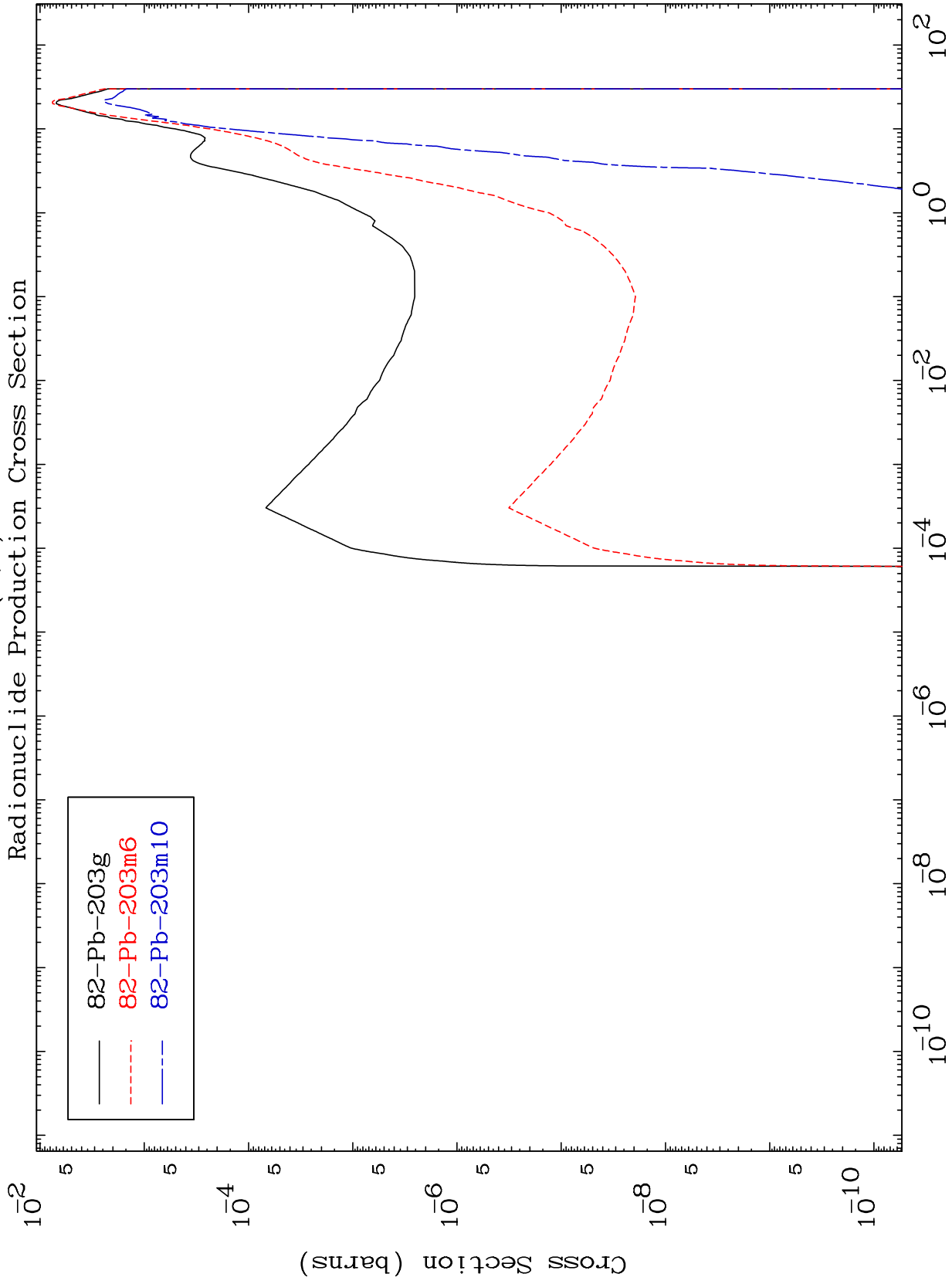
84-Po-206

MAT 8425

(n,  $\alpha$ )

84-Po-206

Radionuclide Production Cross Section



132

Incident Energy (MeV)

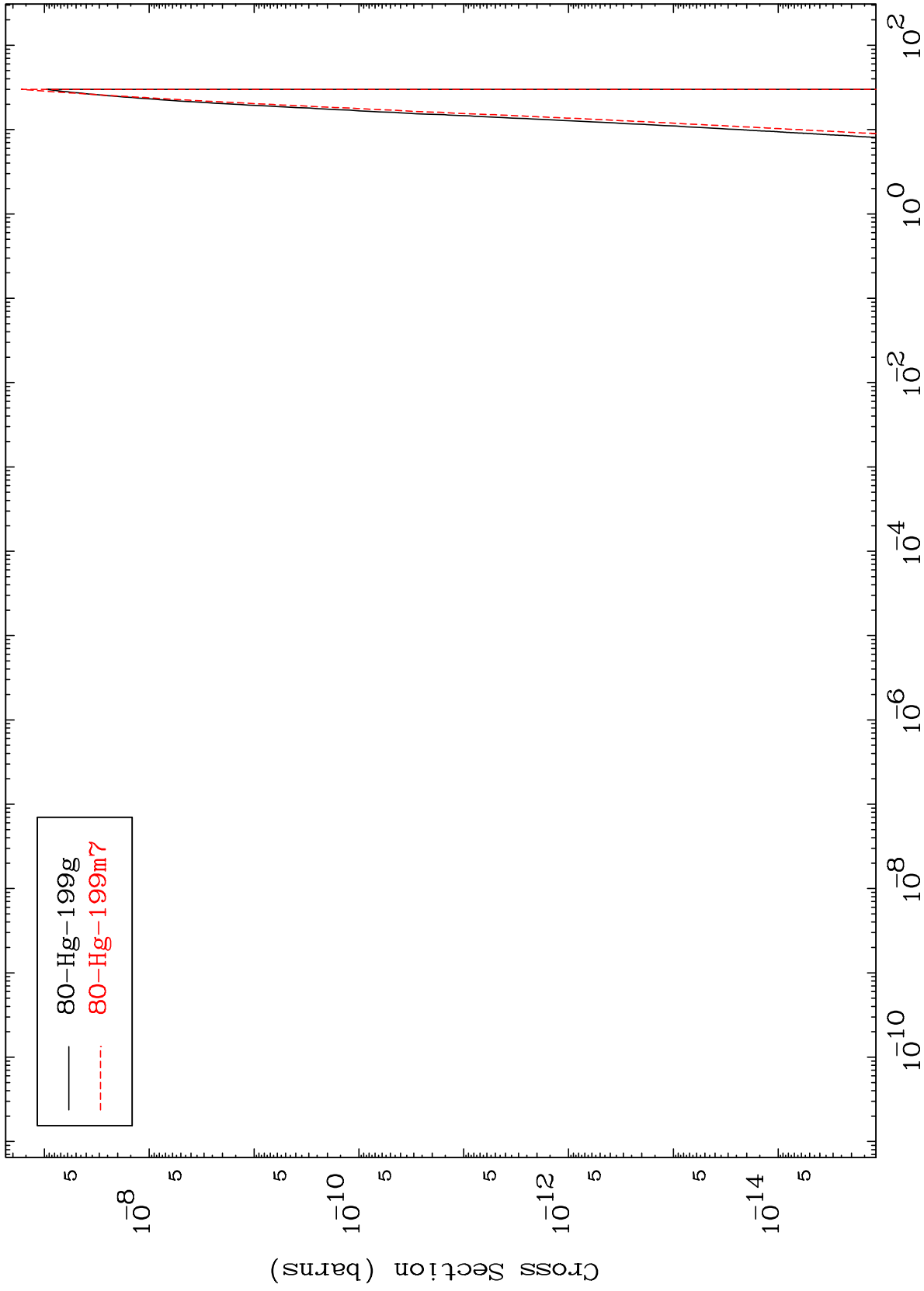
84-Po-206

MAT 8425

(n,2α)

84-Po-206

Radionuclide Production Cross Section



133

Incident Energy (MeV)

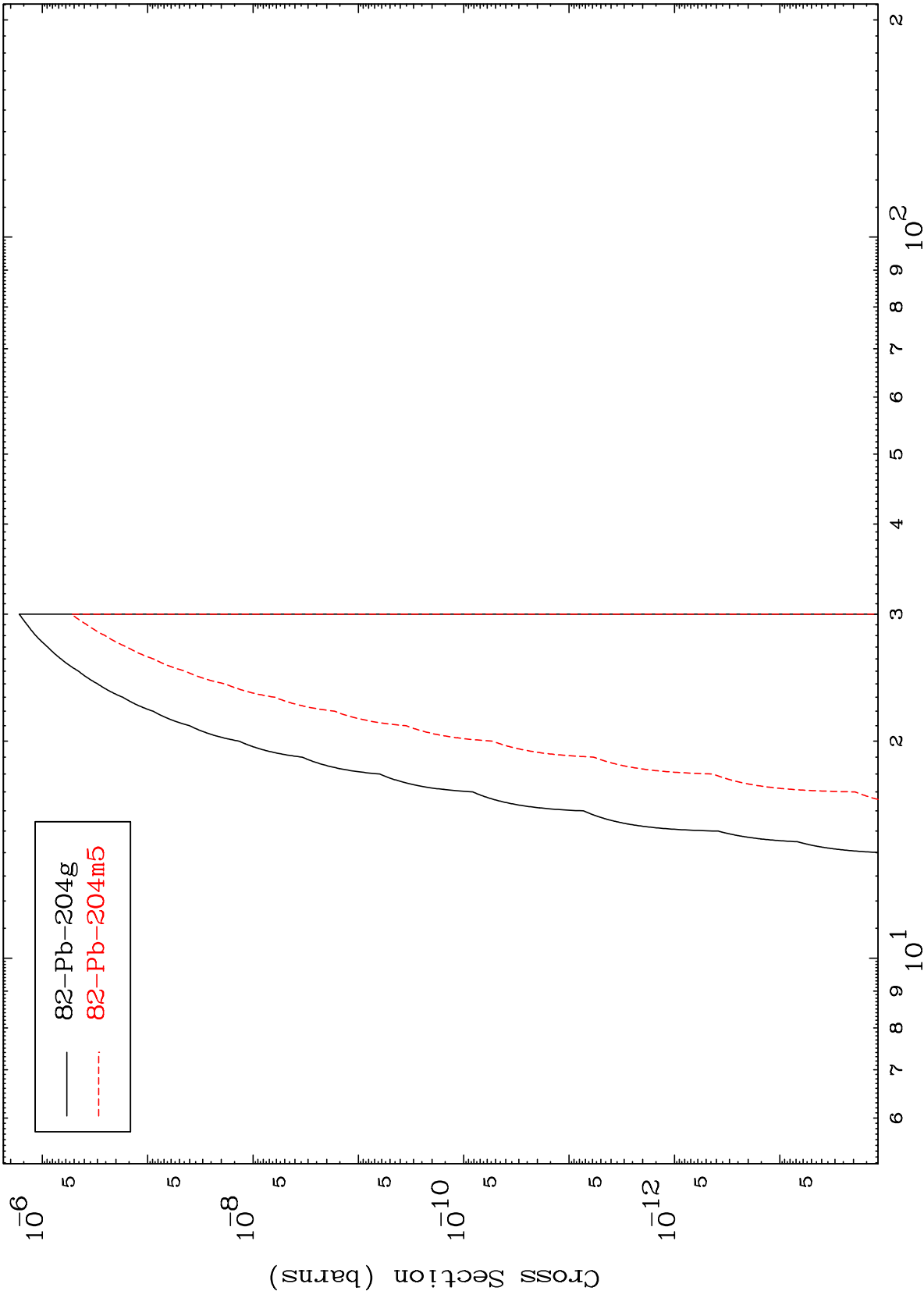
84-Po-206

MAT 8425

(n,p) d

84-Po-206

Radionuclide Production Cross Section



134

Incident Energy (MeV)

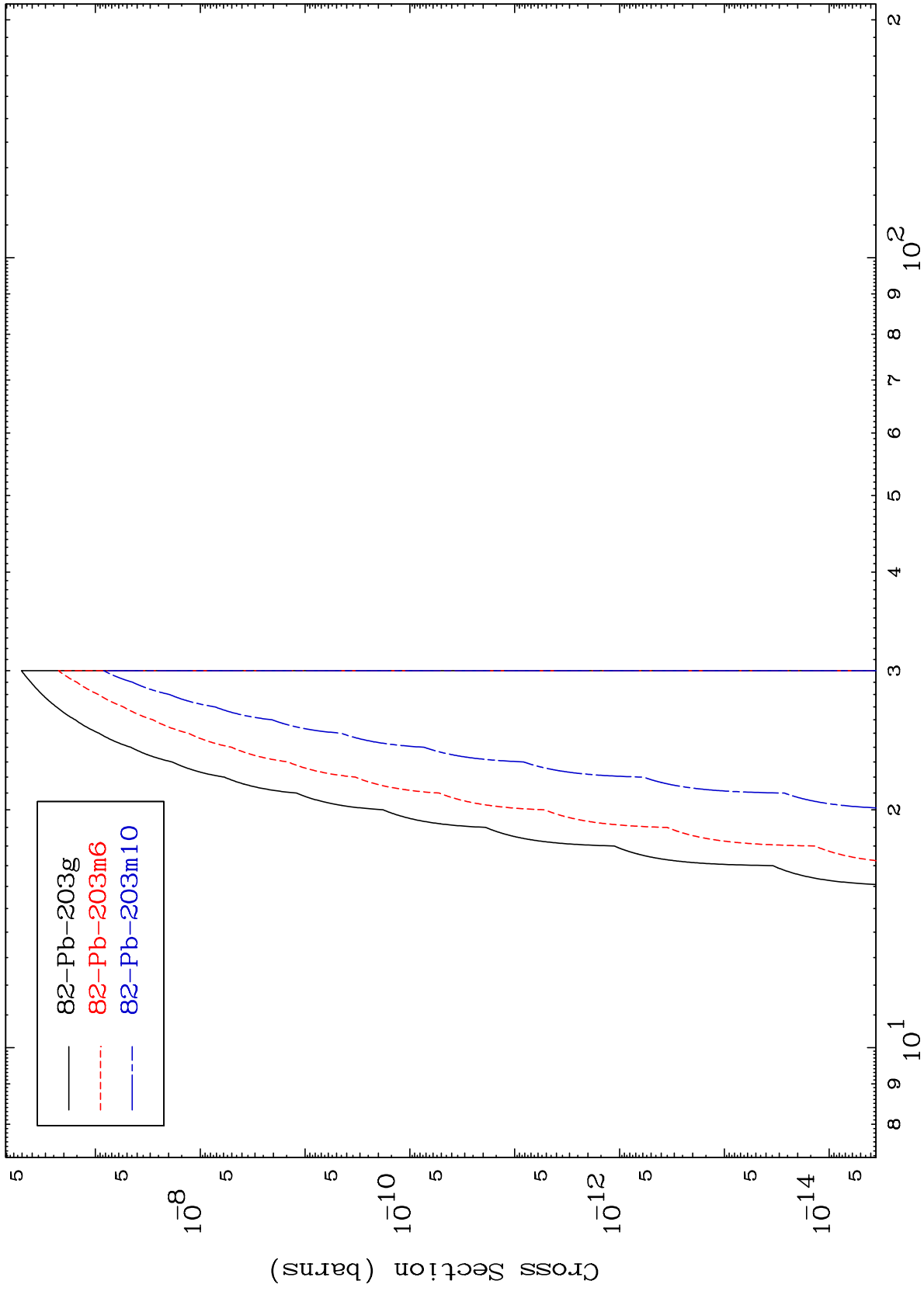
84-Po-206

MAT 8425

(n,p) t

84-Po-206

Radionuclide Production Cross Section



135

Incident Energy (MeV)

84-Po-206