

Program EVALPLOT
(Version 2018-1)

by

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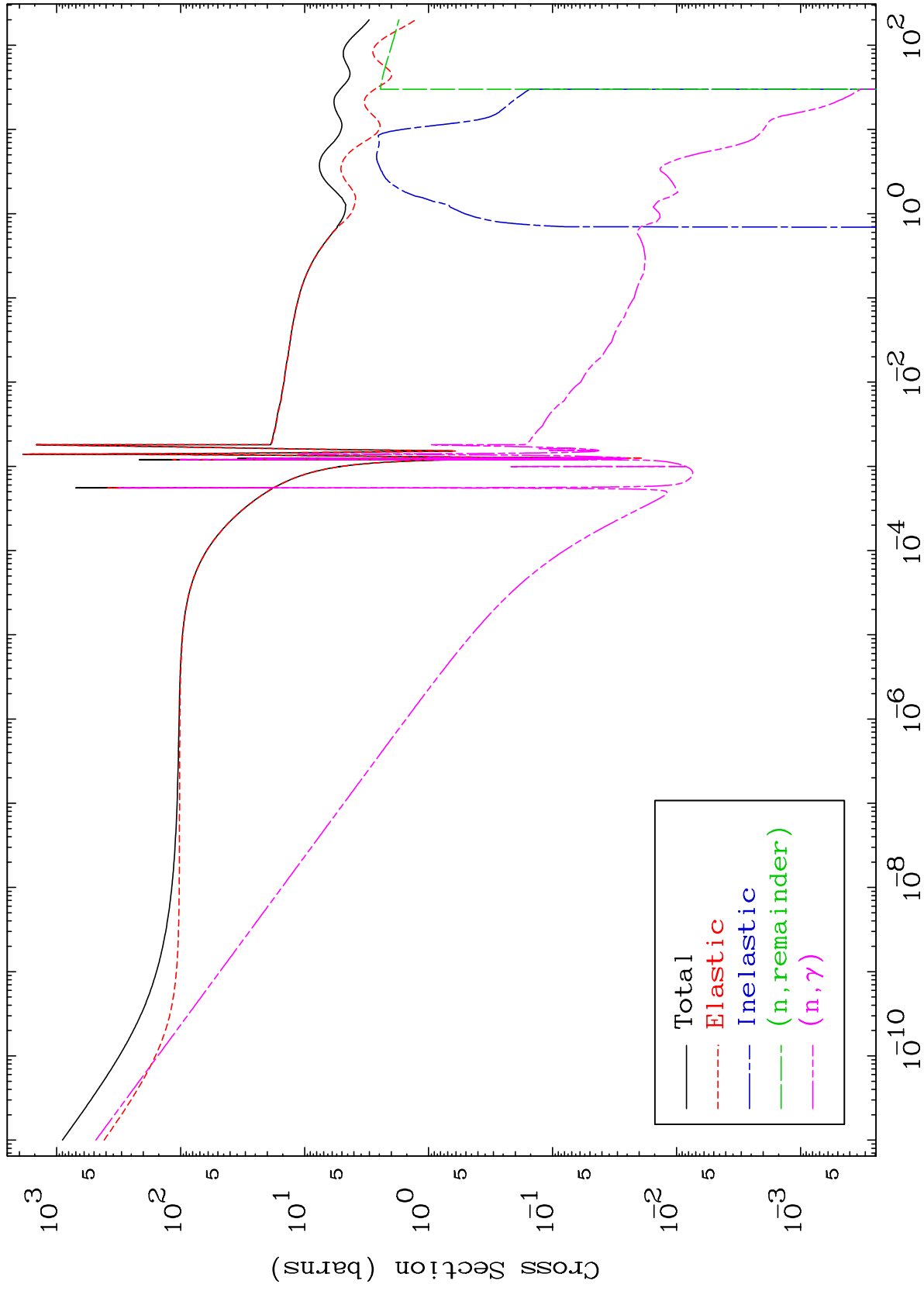
Press Mouse Button to Start

MAT 8431

Major

293 Kelvin Cross Sections

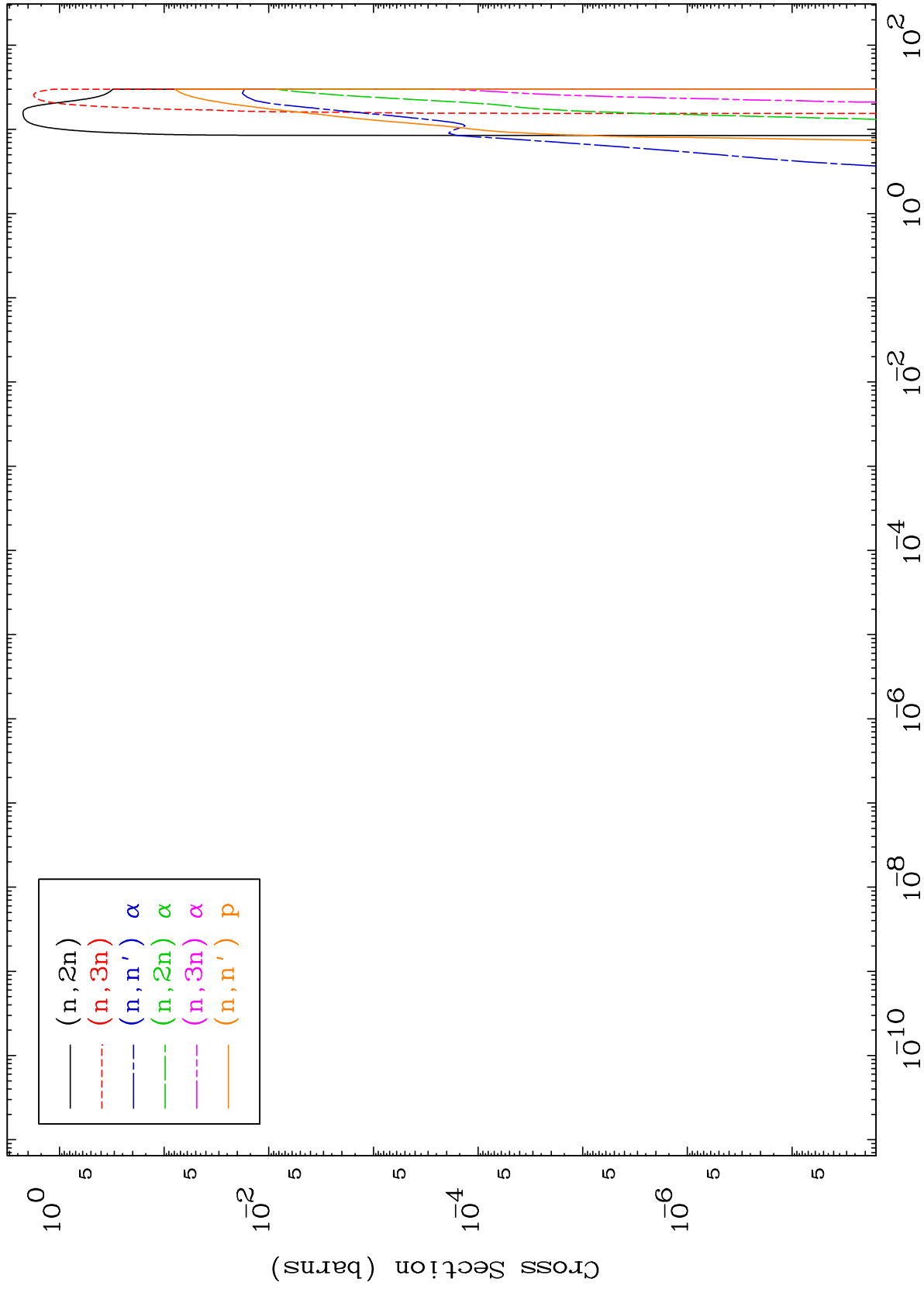
84-Po-208



MAT 8431

Neutron Production
293 Kelvin Cross Sections

84-Po-208



2

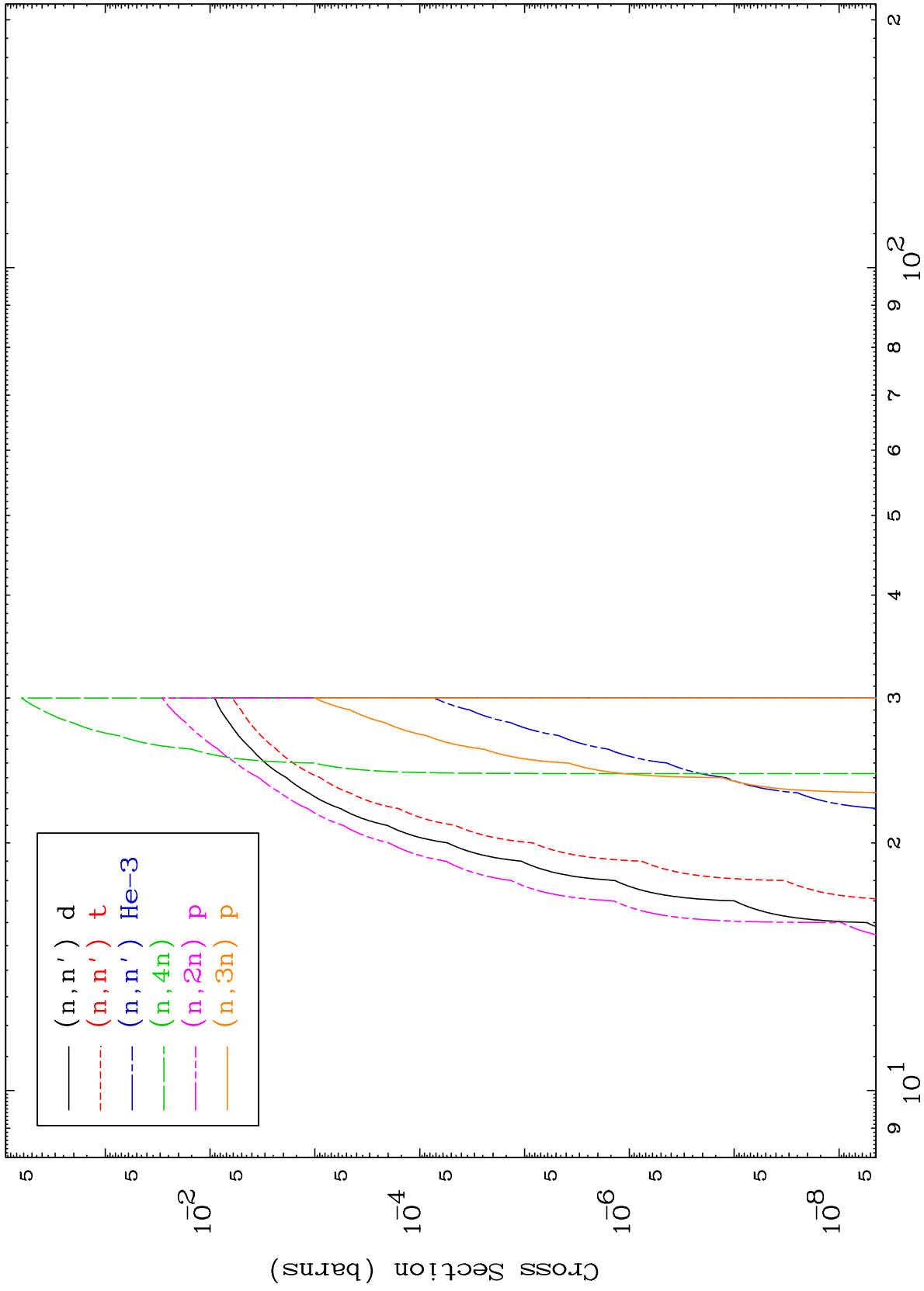
Incident Energy (MeV)

84-Po-208

MAT 8431

Neutron Production
293 Kelvin Cross Sections

84-Po-208



3

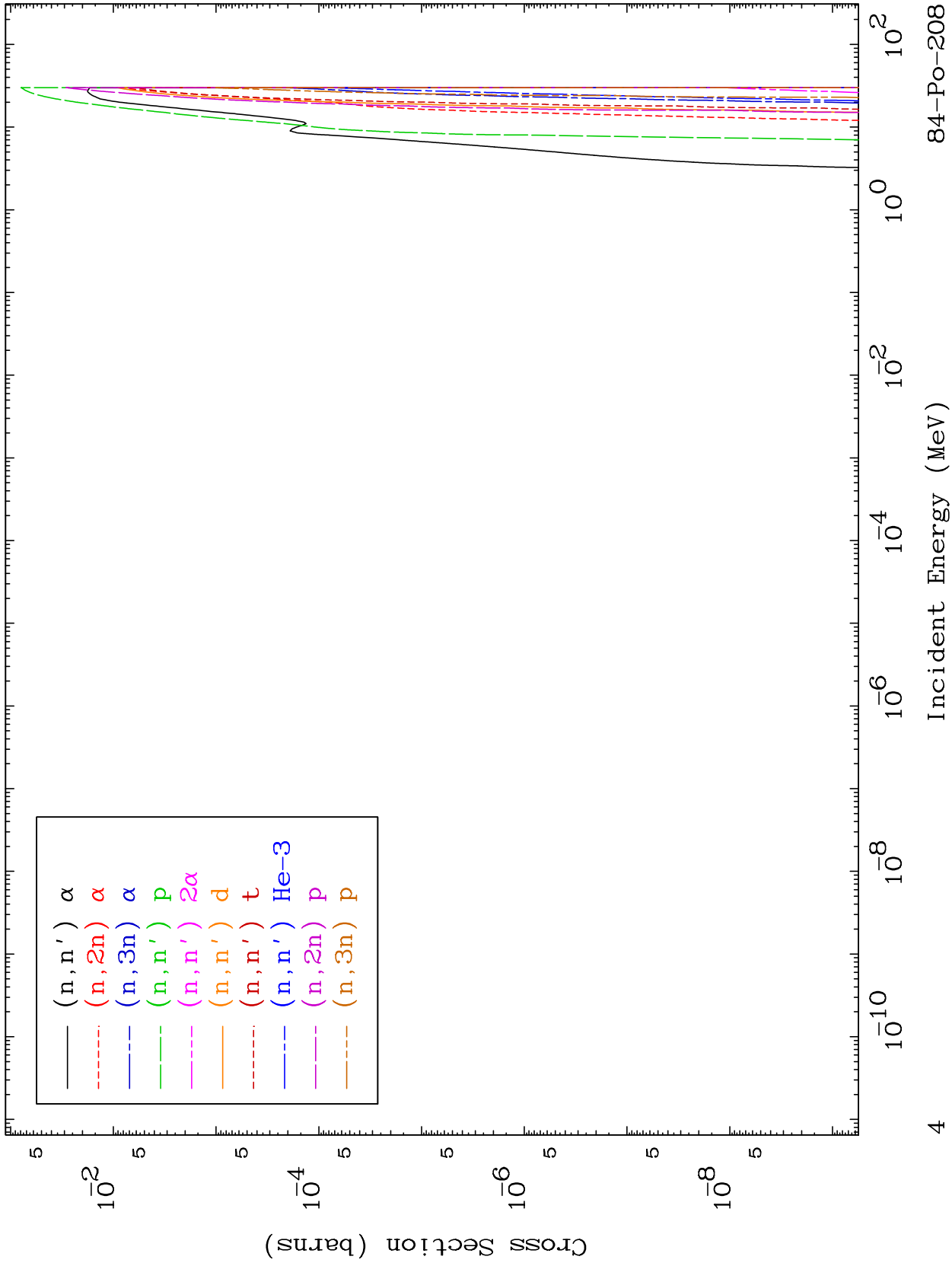
Incident Energy (MeV)

84-Po-208

MAT 8431

Charged Particle
293 Kelvin Cross Sections

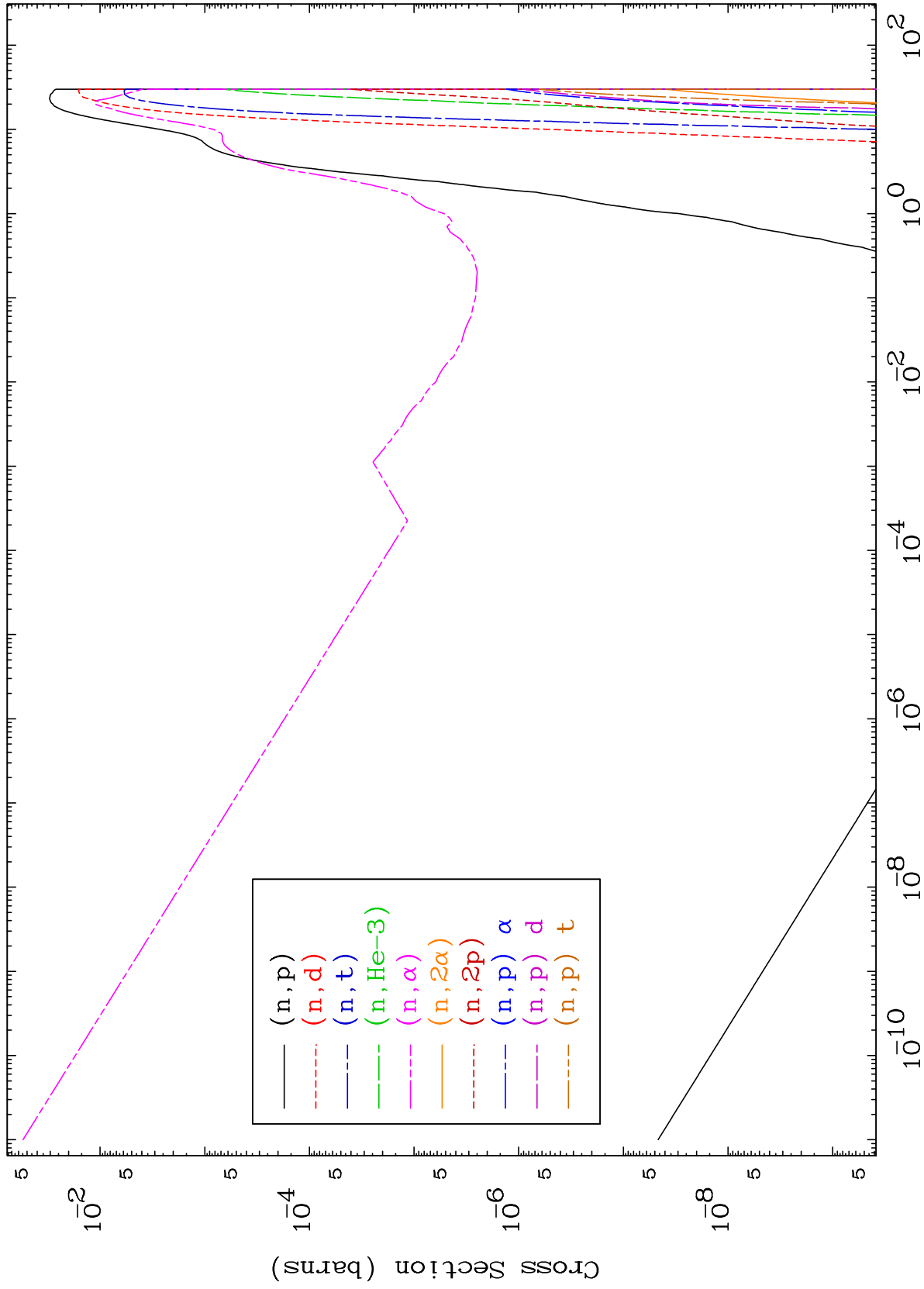
84-Po-208



MAT 8431

293 Kelvin Cross Sections

84-Po-208



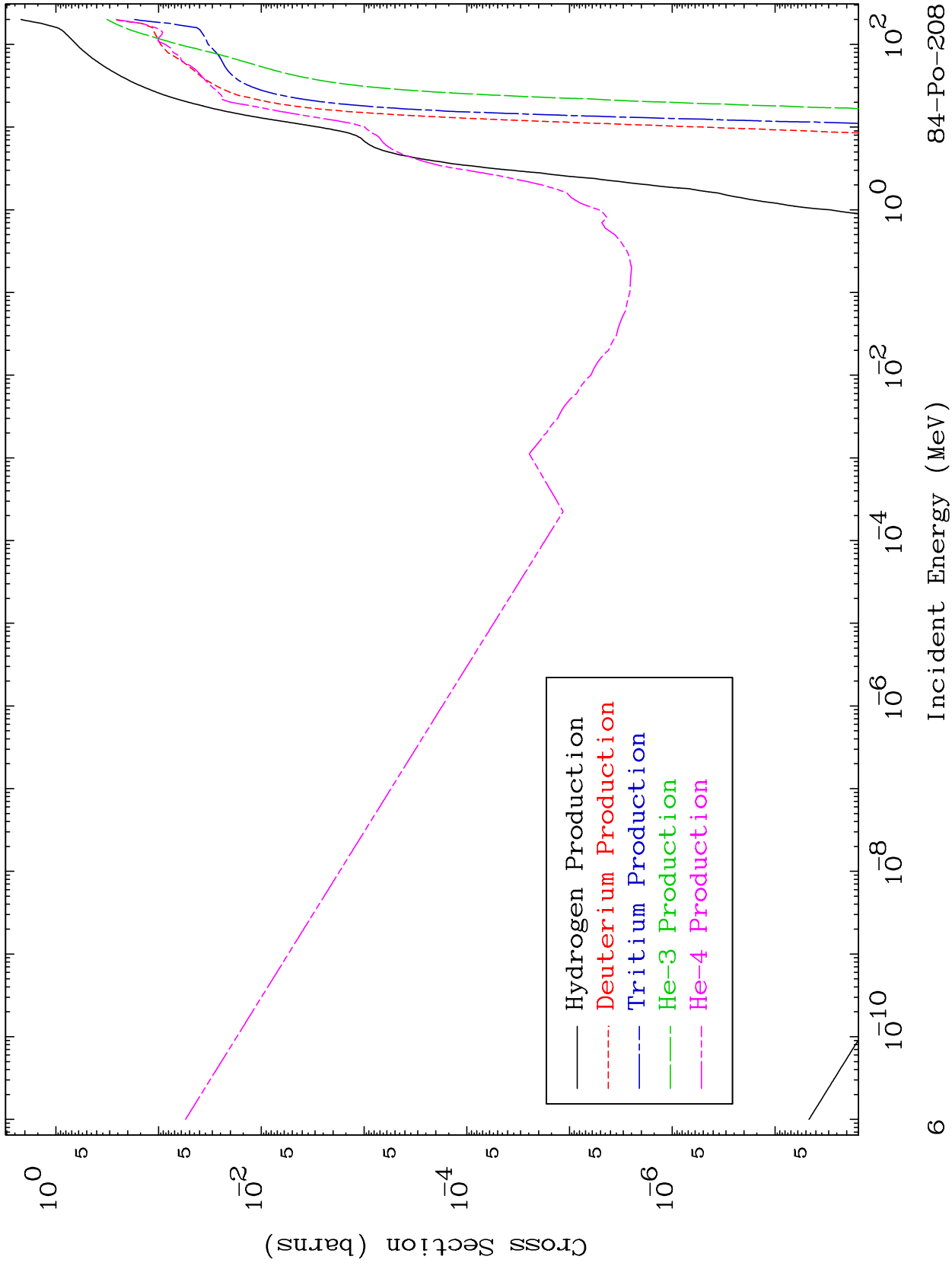
5

84-Po-208

MAT 8431

Particle Production
293 Kelvin Cross Sections

84-Po-208

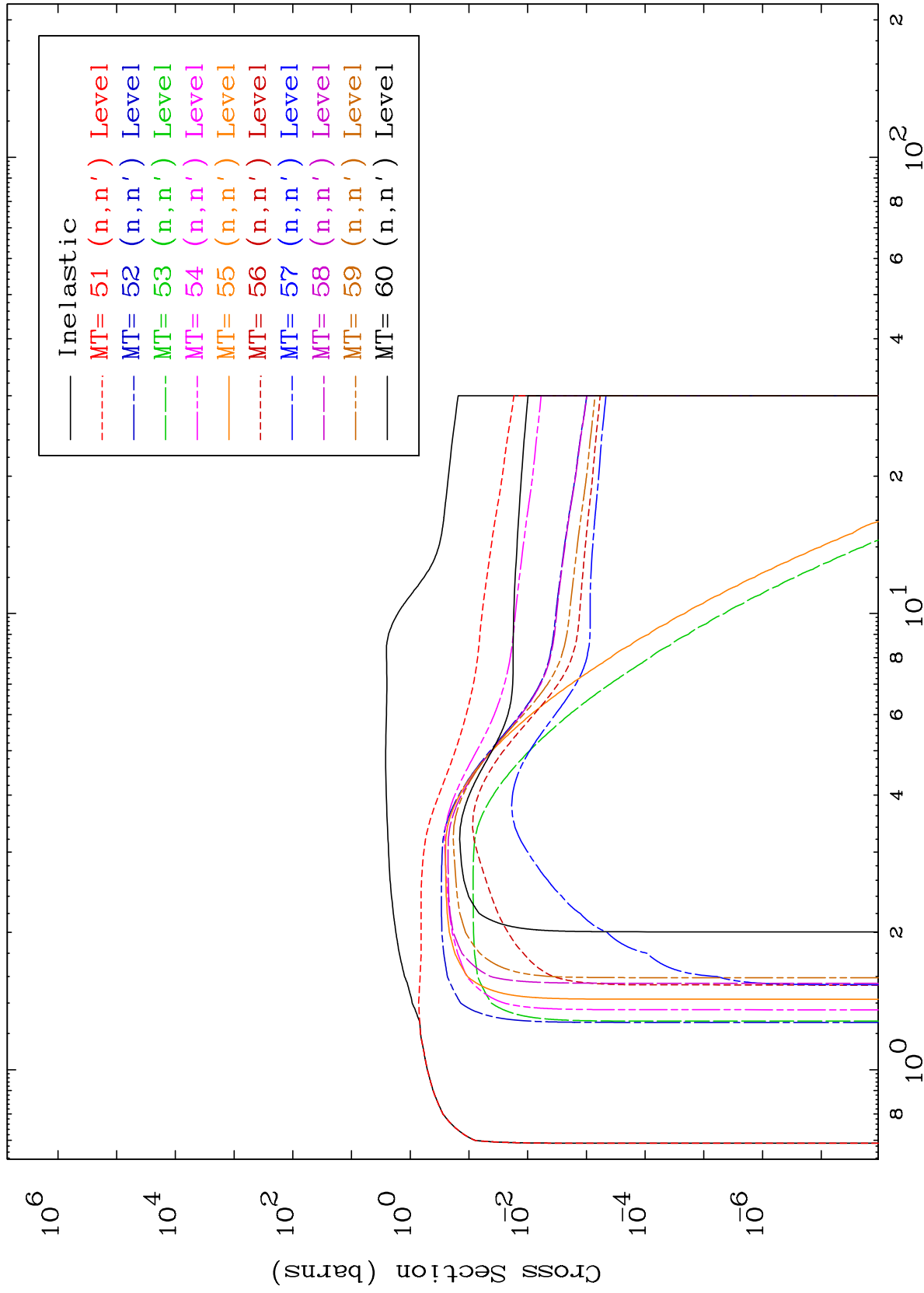


MAT 8431

(n,n') Level

84-Po-208

293 Kelvin Cross Sections



7

Incident Energy (MeV)

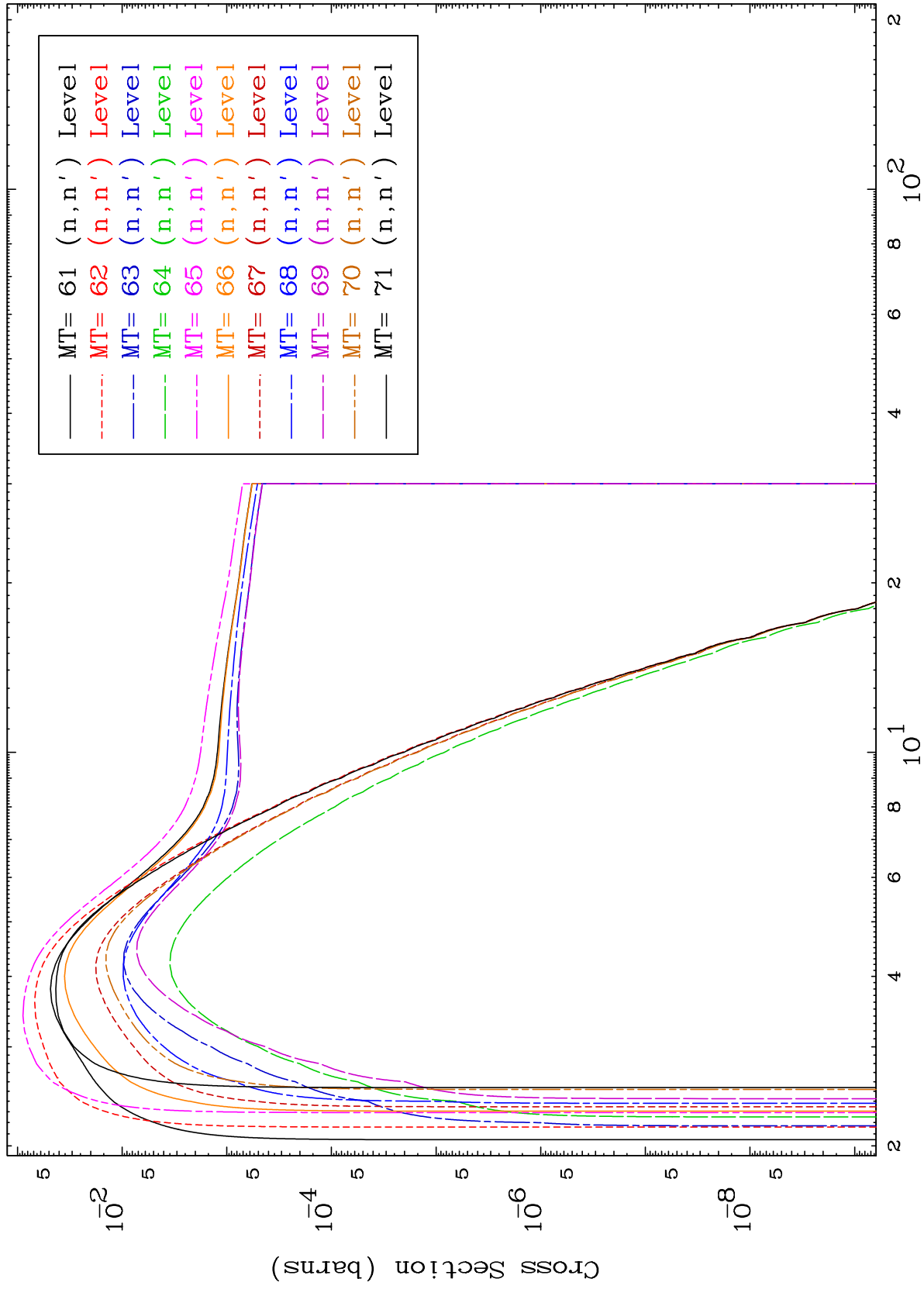
84-Po-208

MAT 8431

(n,n') Level

84-Po-208

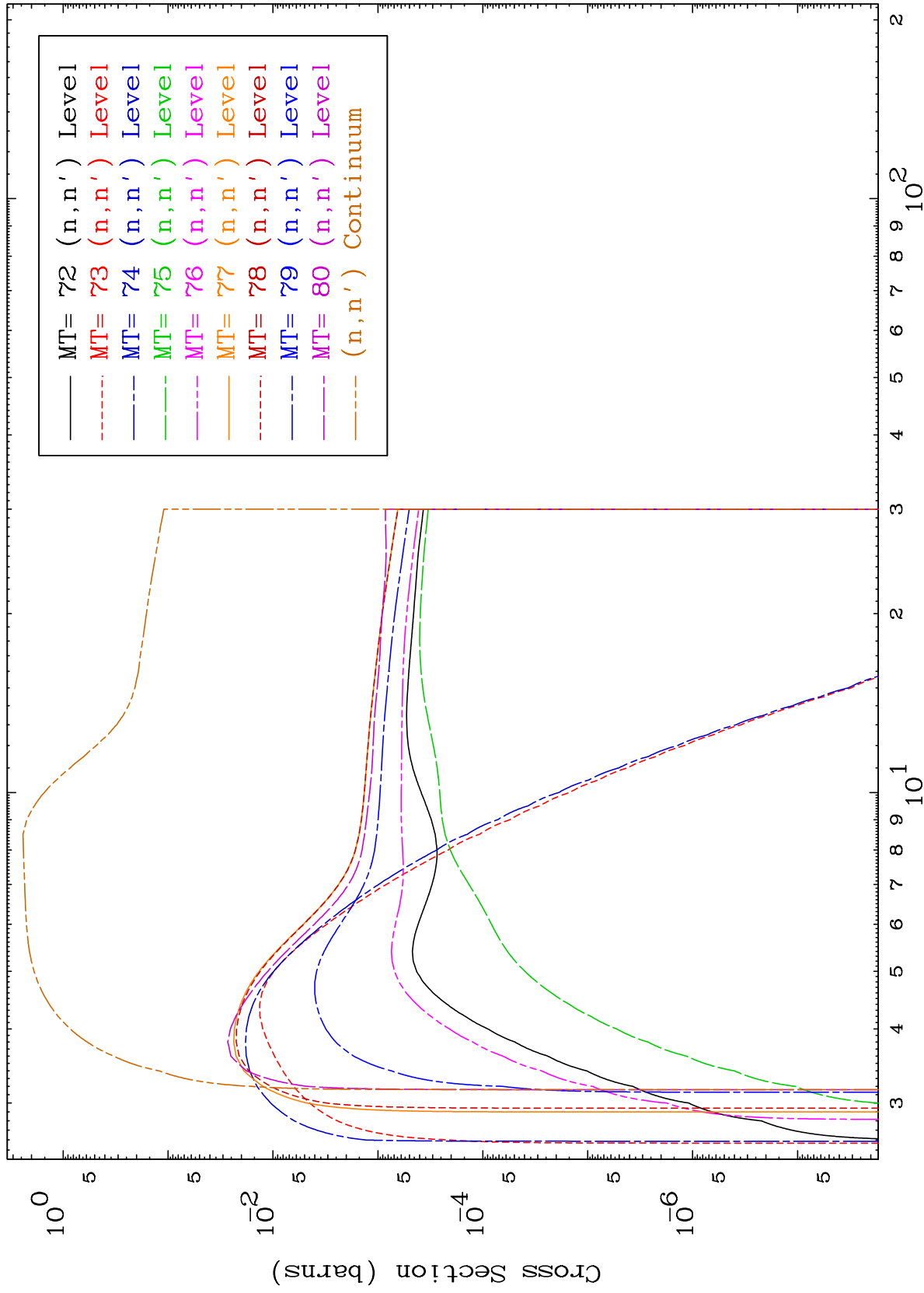
293 Kelvin Cross Sections



8

Incident Energy (MeV)

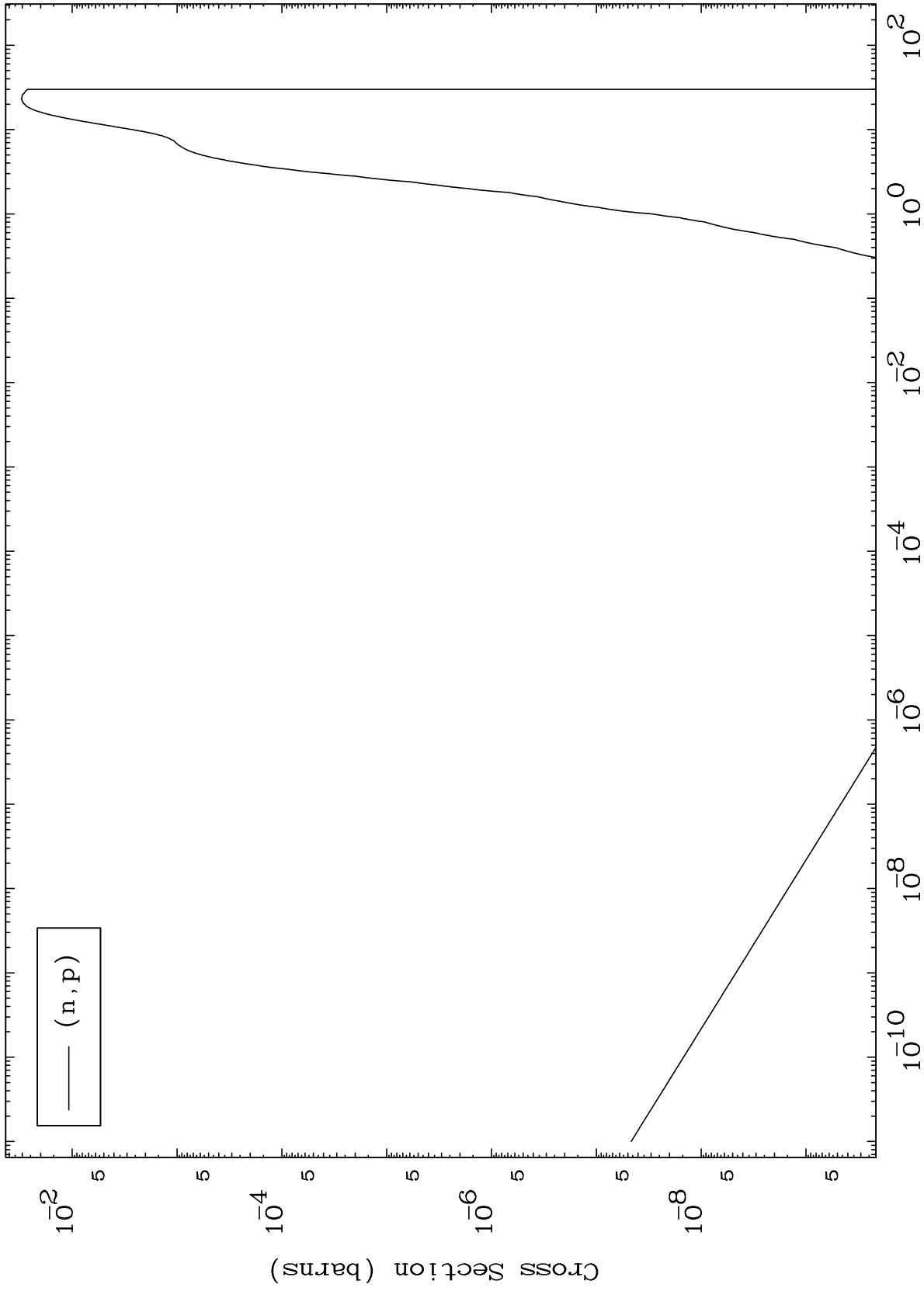
84-Po-208



MAT 8431

(n,p) Levels
293 Kelvin Cross Sections

84-Po-208



10

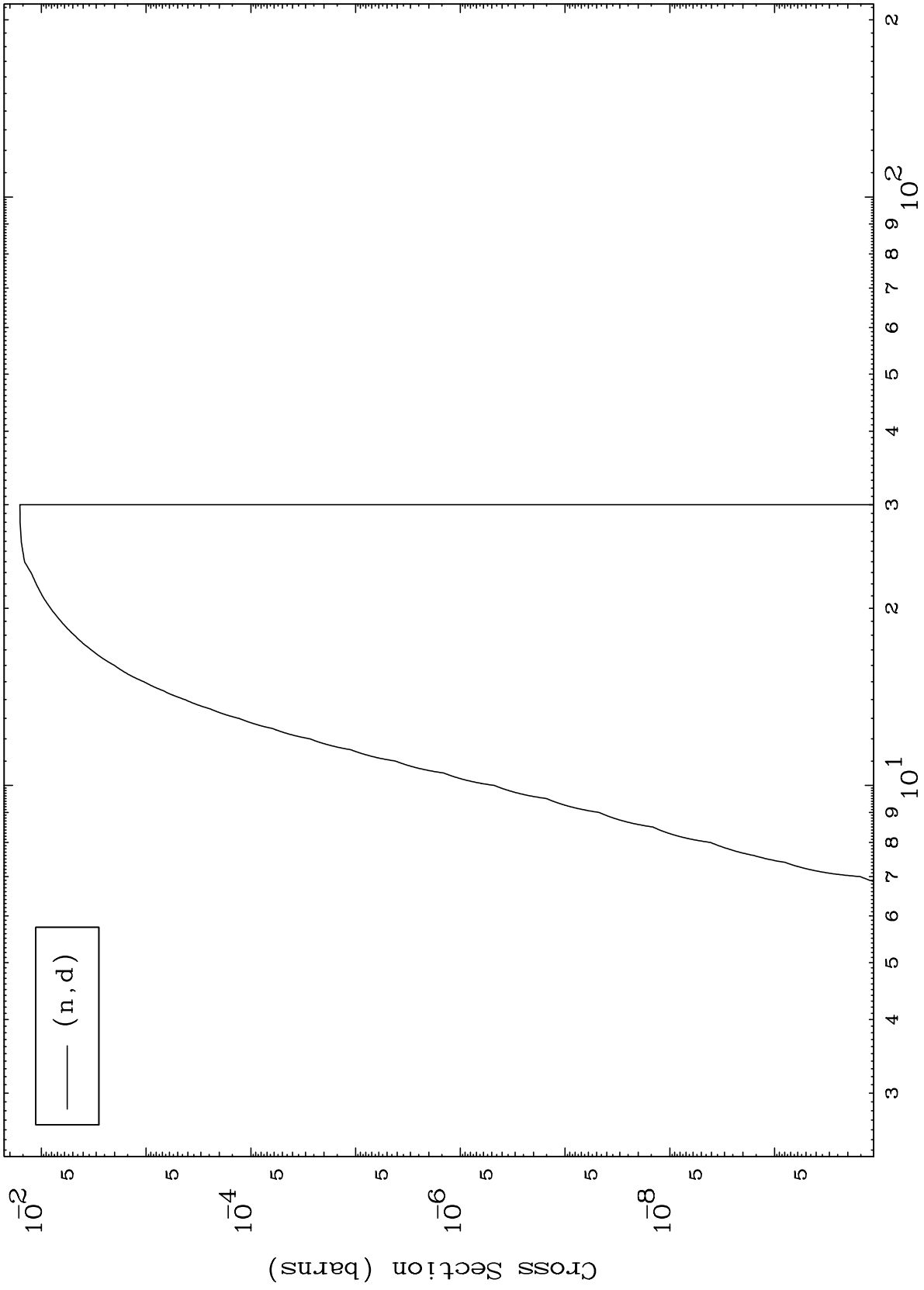
Incident Energy (MeV)

84-Po-208

MAT 8431

(n,d) Levels
293 Kelvin Cross Sections

84-Po-208



11

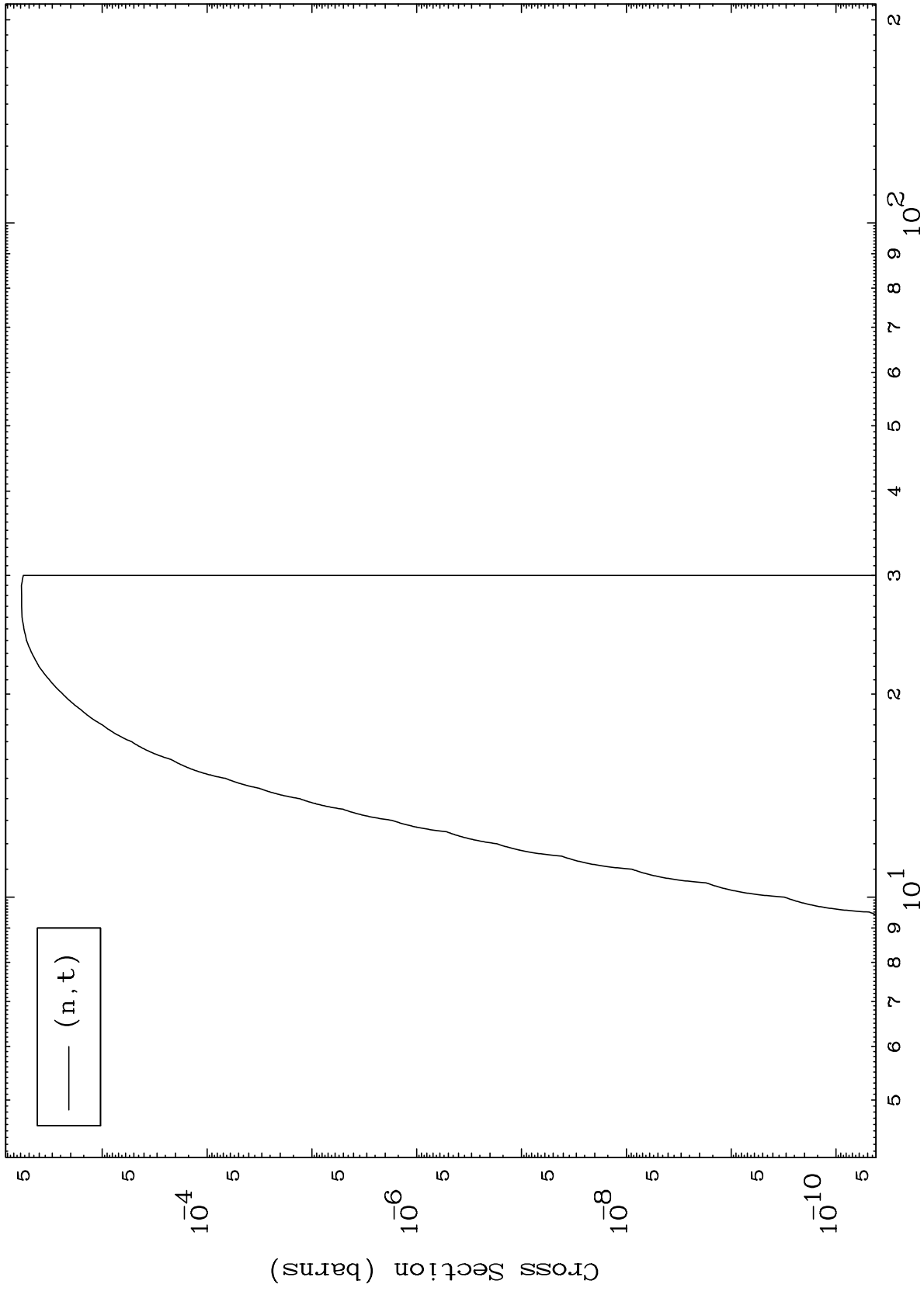
Incident Energy (MeV)

84-Po-208

MAT 8431

(n,t) Levels
293 Kelvin Cross Sections

84-Po-208



12

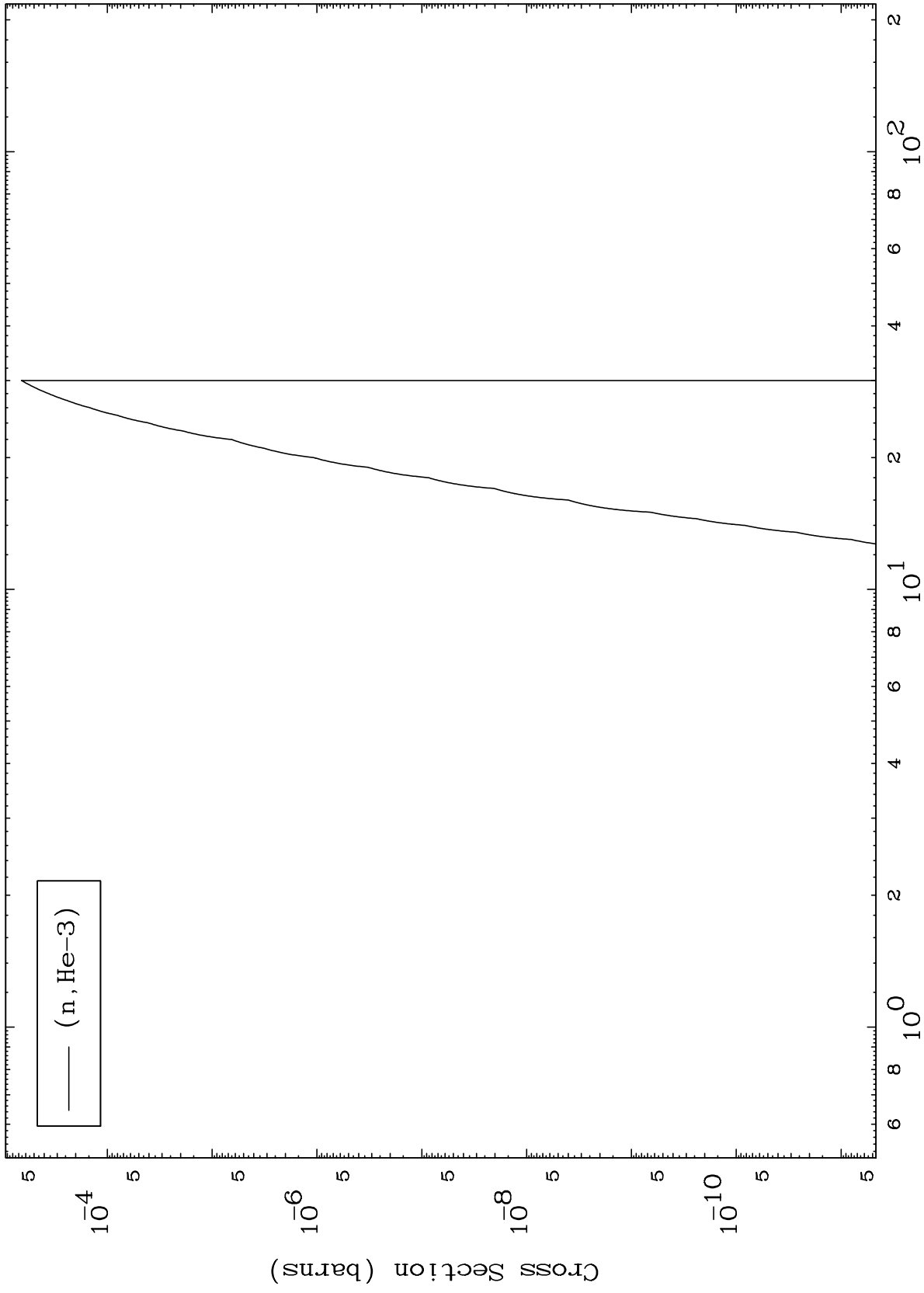
Incident Energy (MeV)

84-Po-208

MAT 8431

(n,He3) Levels
293 Kelvin Cross Sections

84-Po-208



13

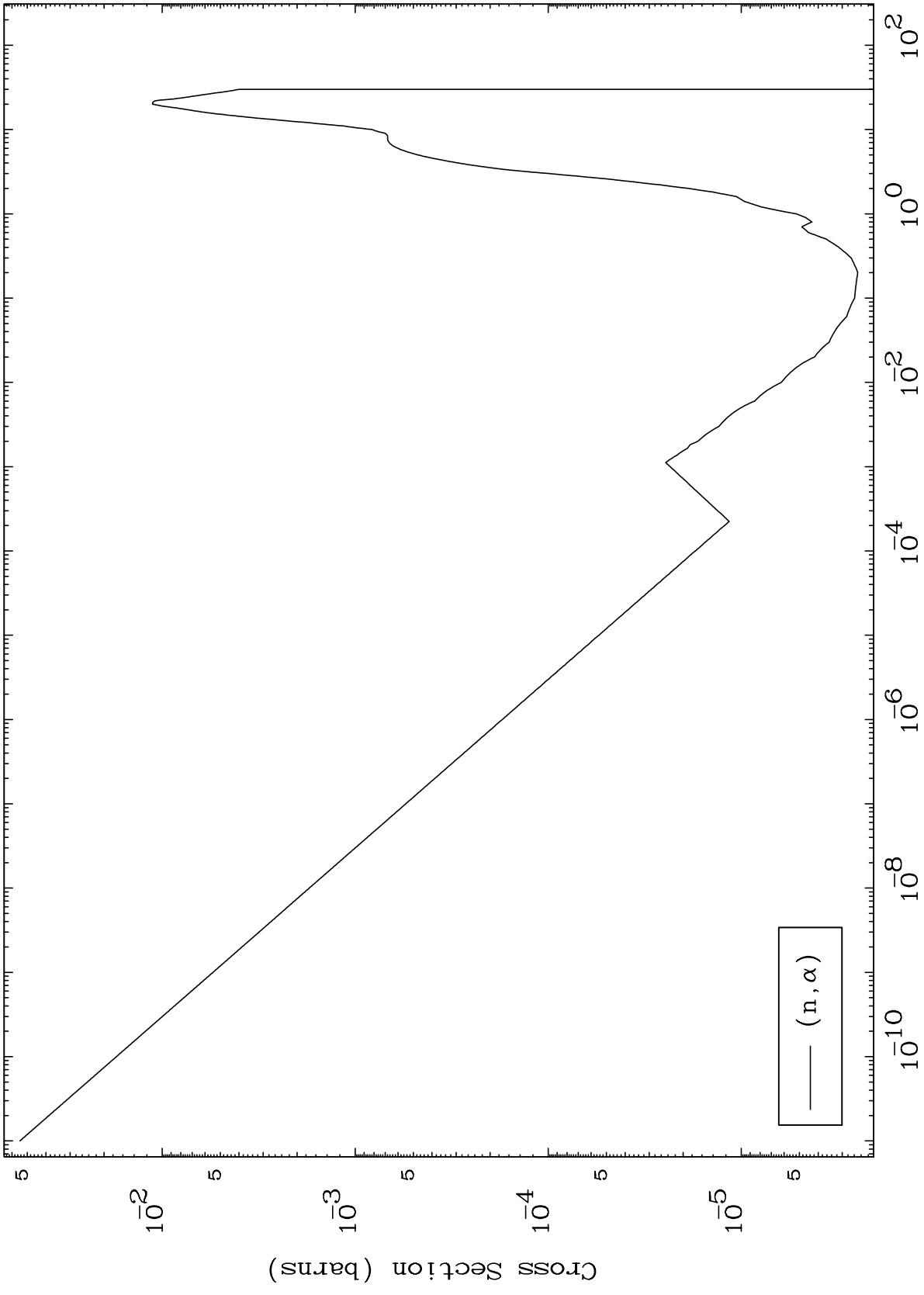
Incident Energy (MeV)

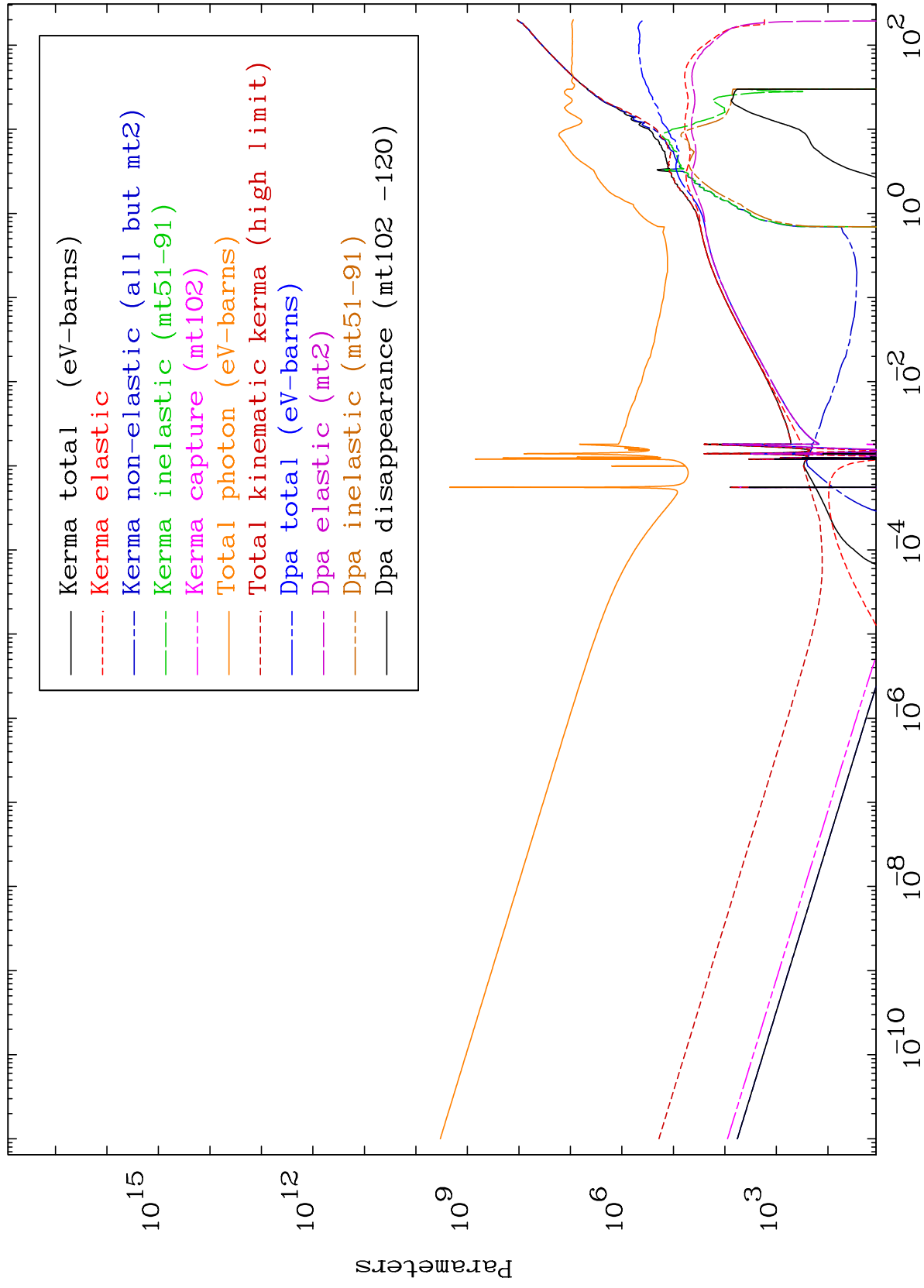
84-Po-208

MAT 8431

(n,α) Levels
293 Kelvin Cross Sections

84-Po-208

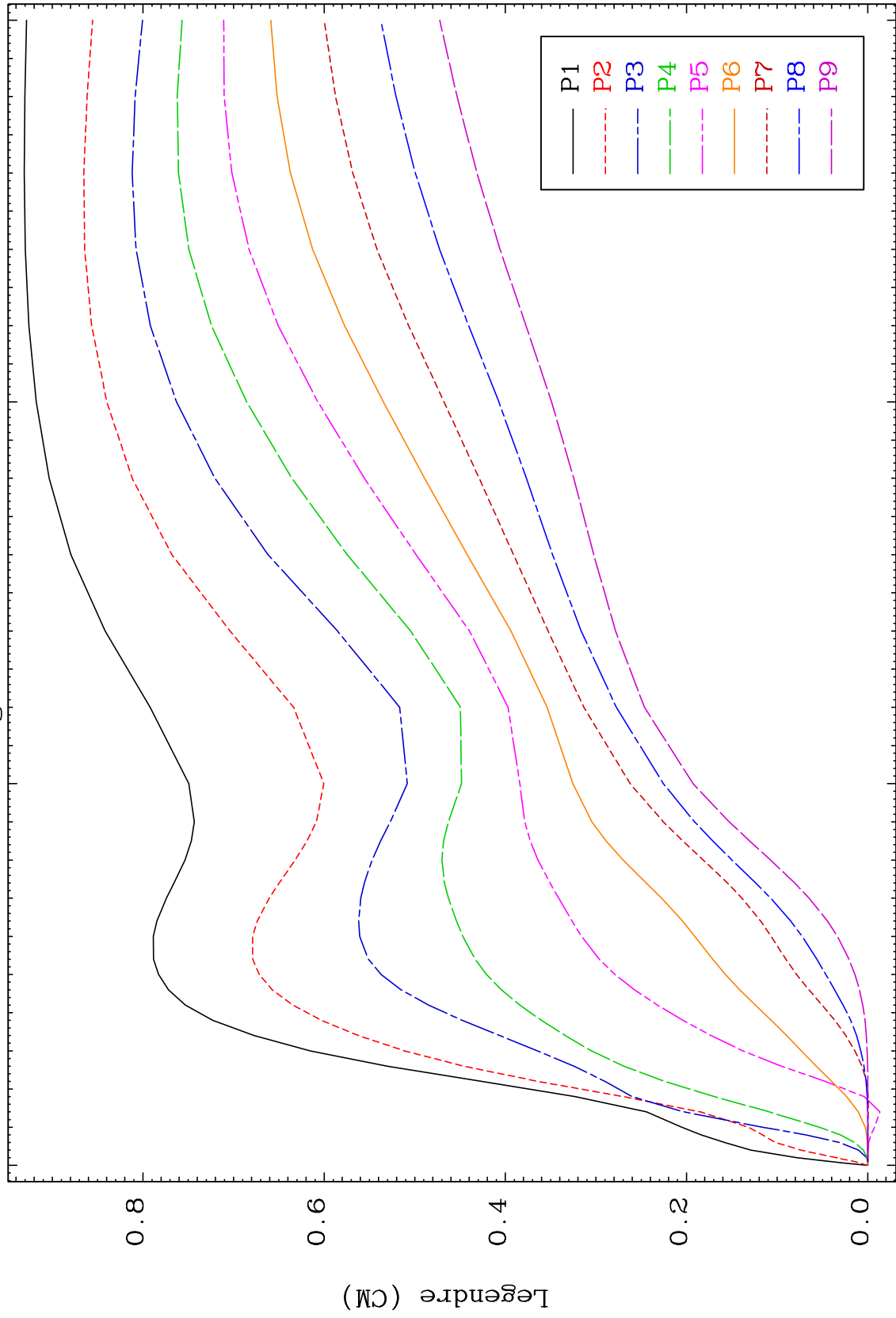




MAT 8431

Elastic Legendre Coefficients

84-Po-208



16

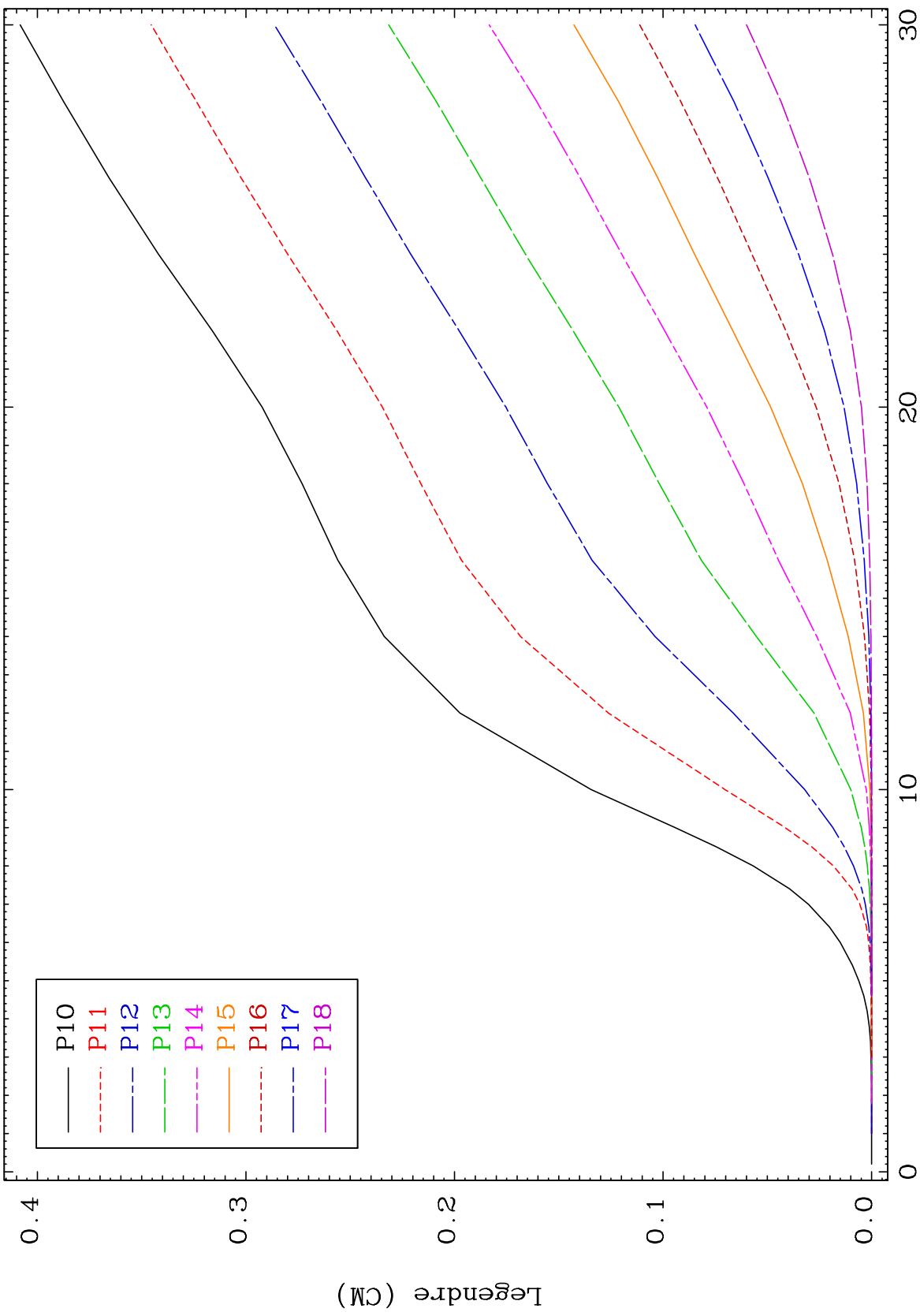
Incident Energy (MeV)

84-Po-208

MAT 8431

Elastic Legendre Coefficients

84-Po-208



17

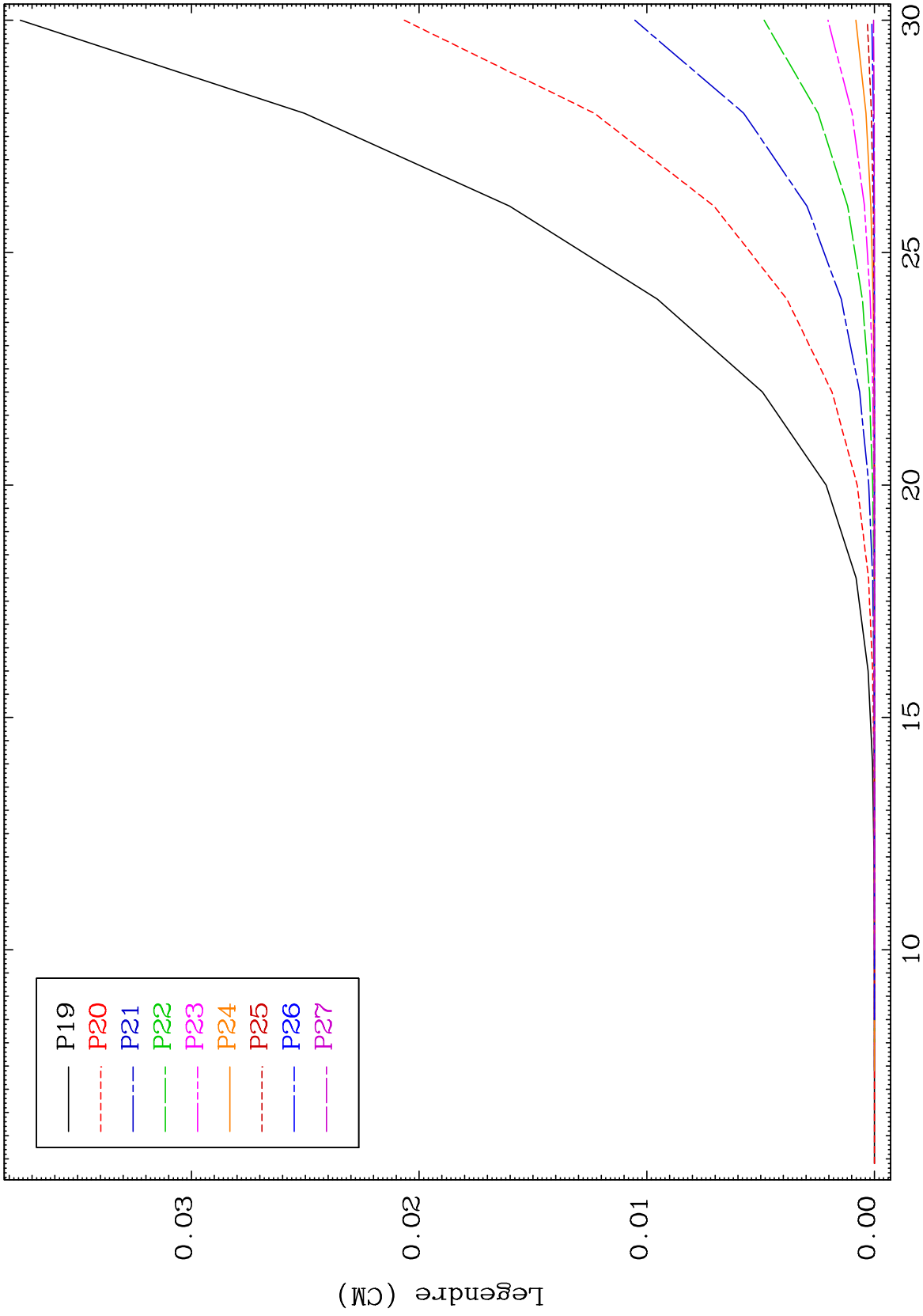
Incident Energy (MeV)

84-Po-208

MAT 8431

Elastic Legendre Coefficients

84-Po-208



18

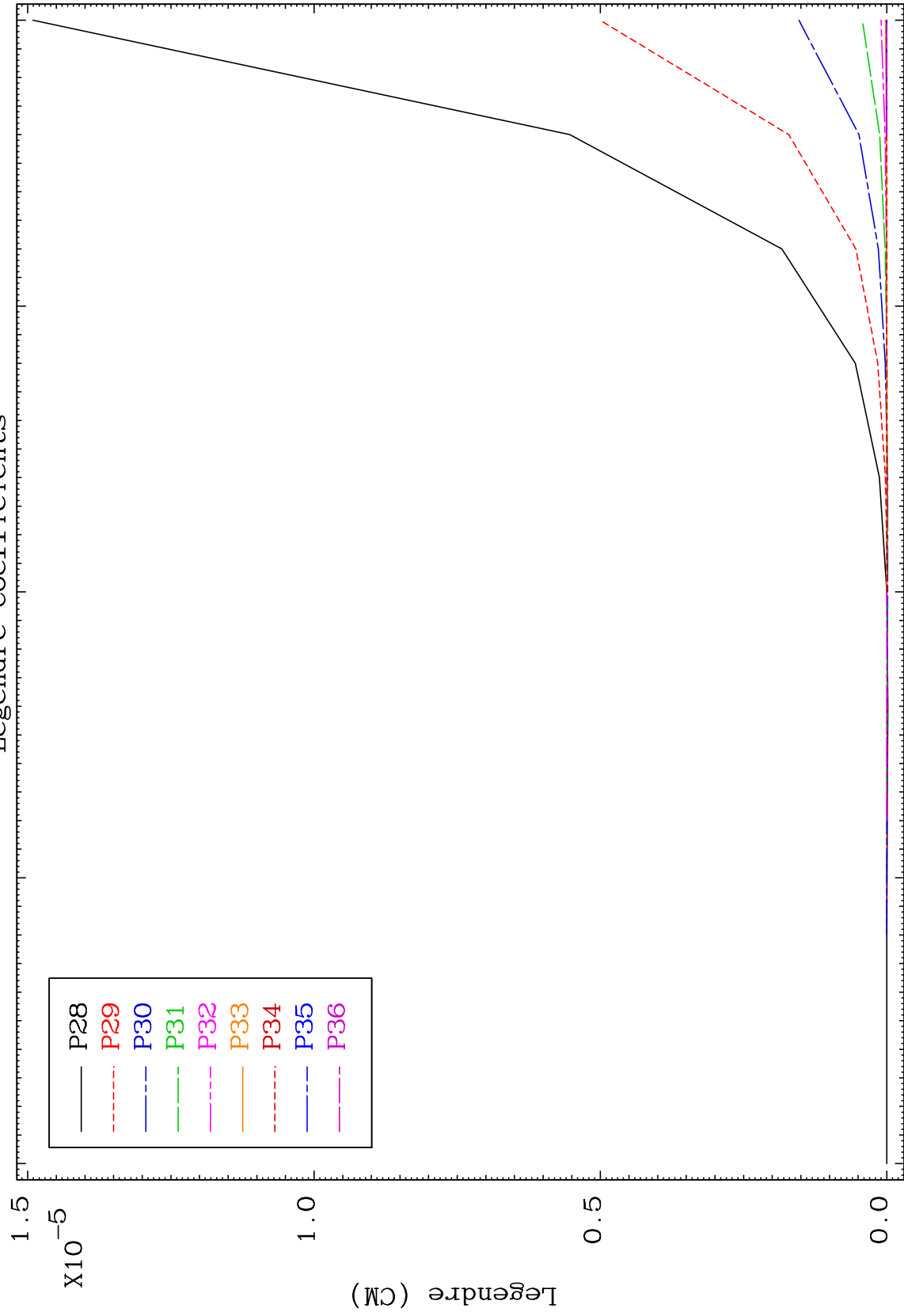
Incident Energy (MeV)

84-Po-208

MAT 8431

Elastic Legendre Coefficients

84-Po-208



19

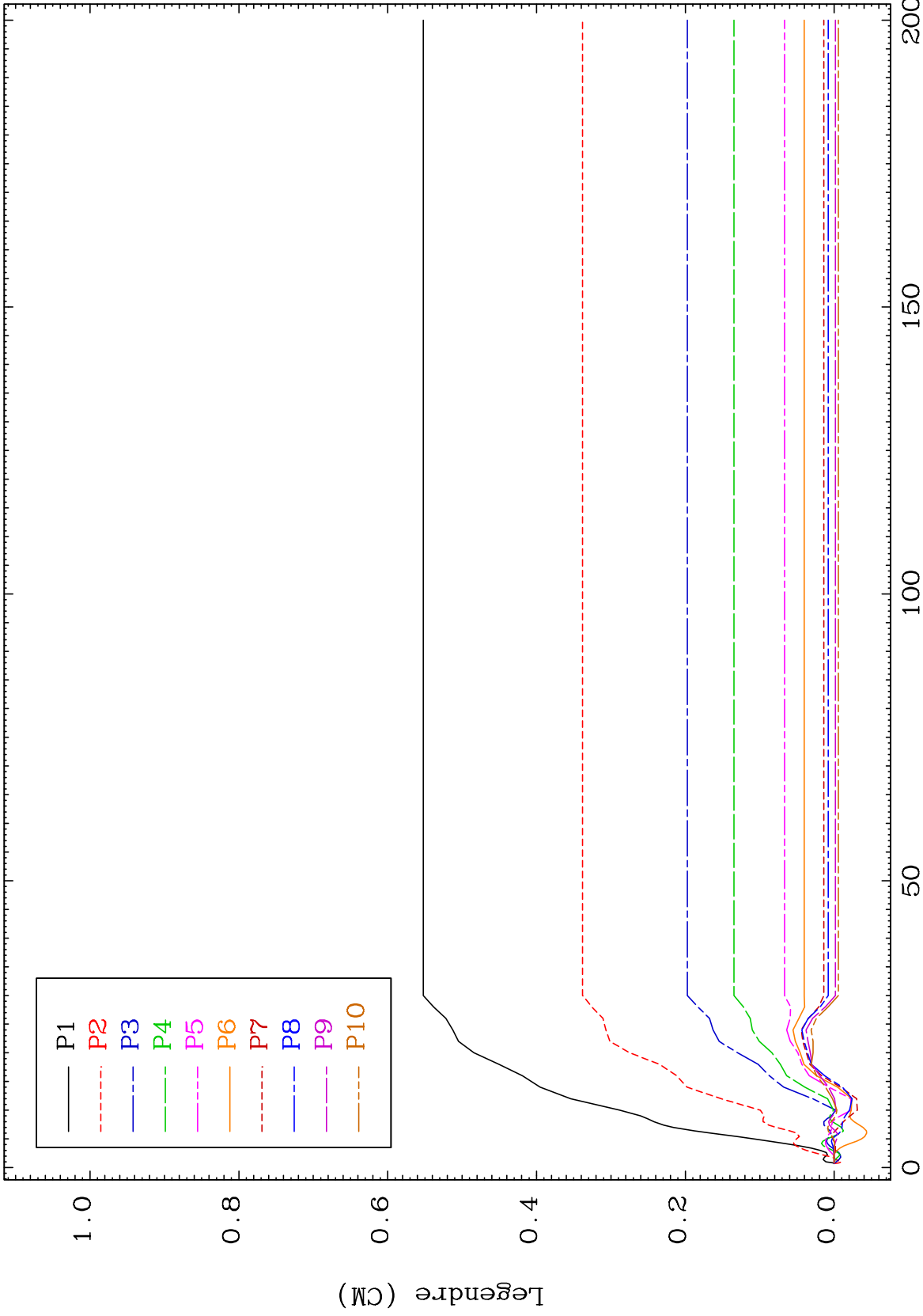
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



0

50

100

150

200

Incident Energy (MeV)

84-Po-208

1.0

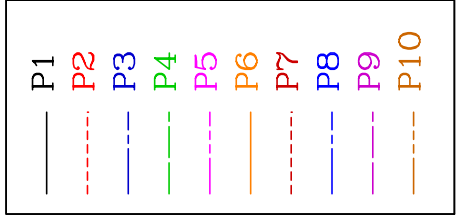
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0.4

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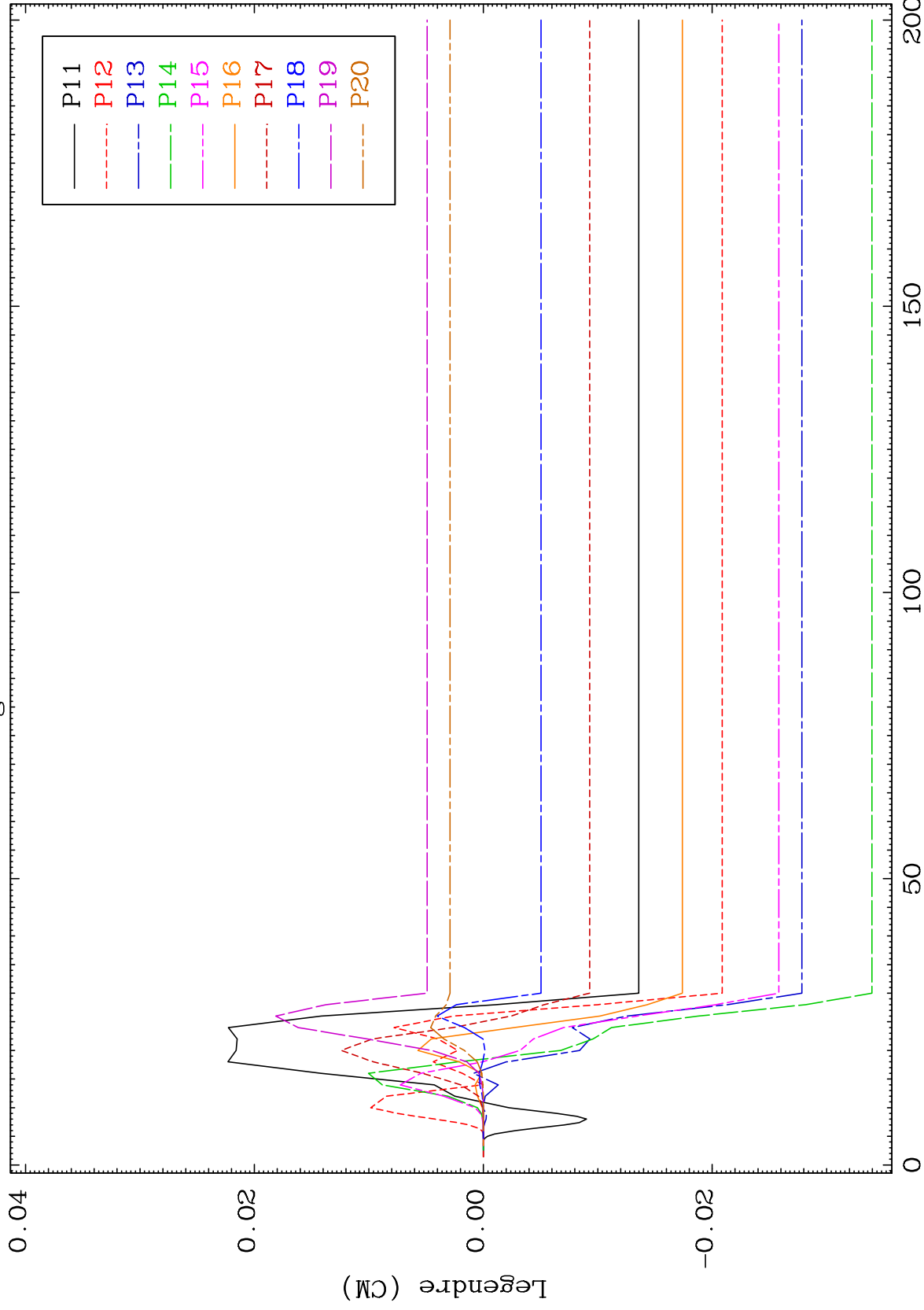
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MAT 8431

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

84-Po-208



21

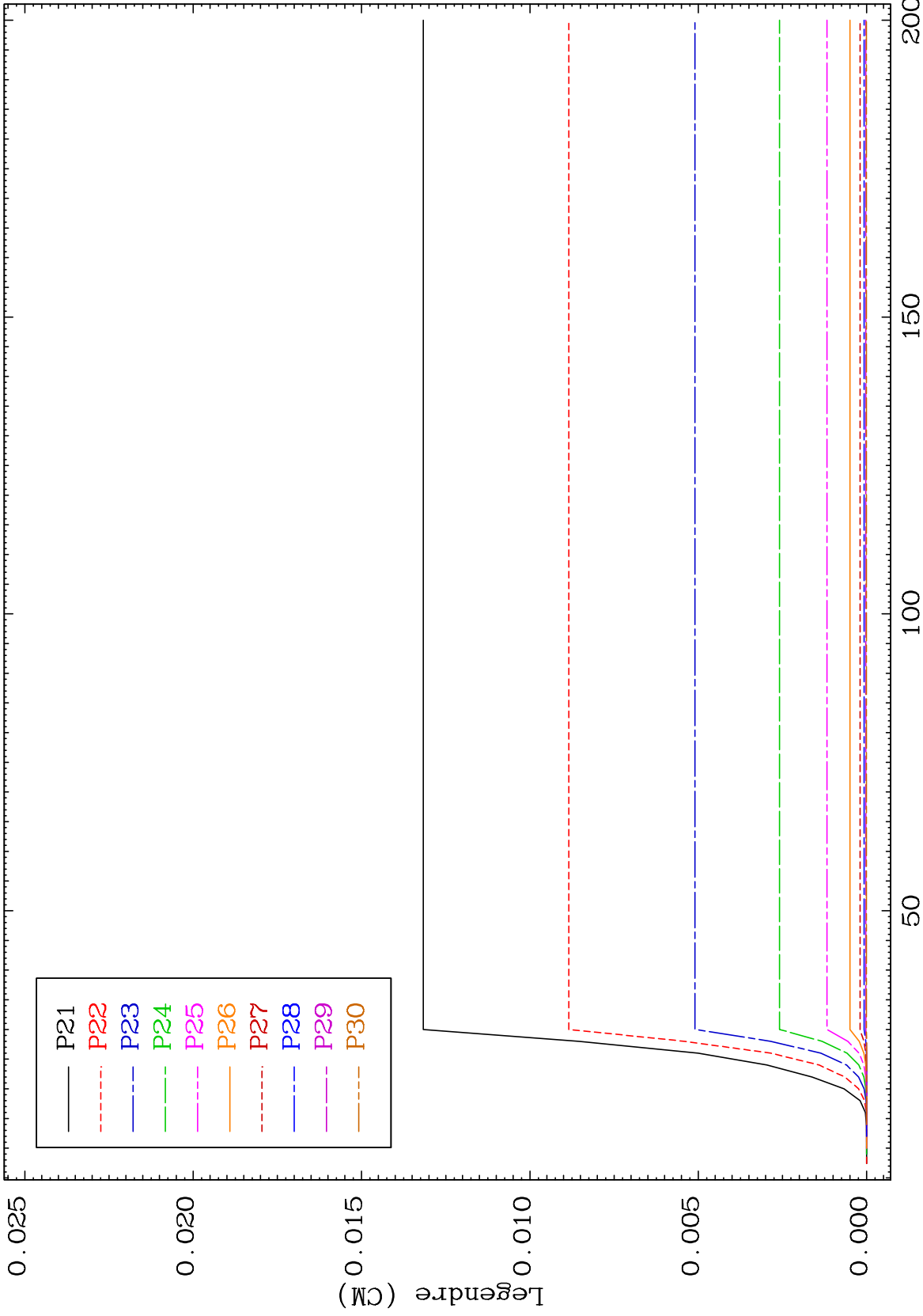
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



22

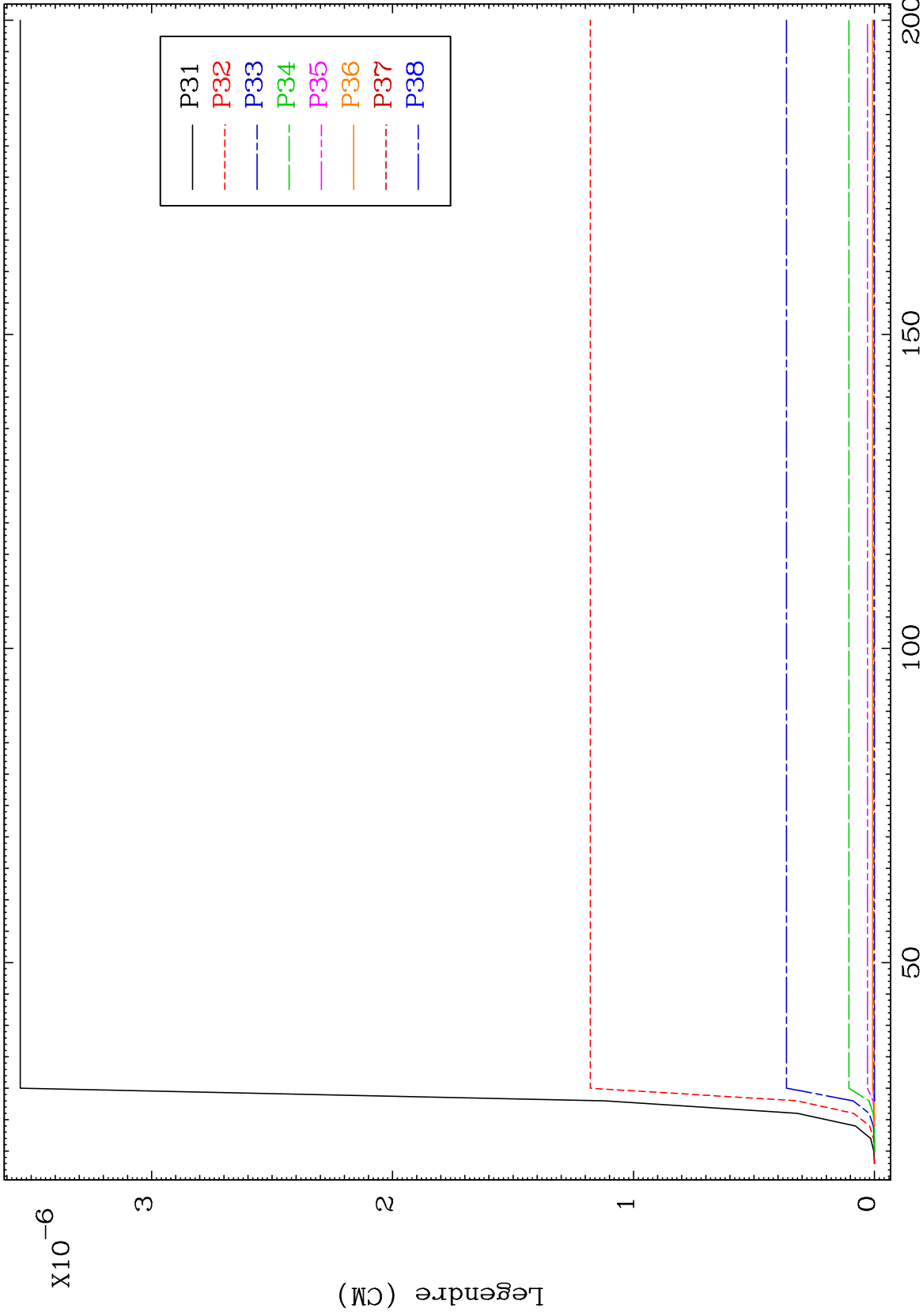
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



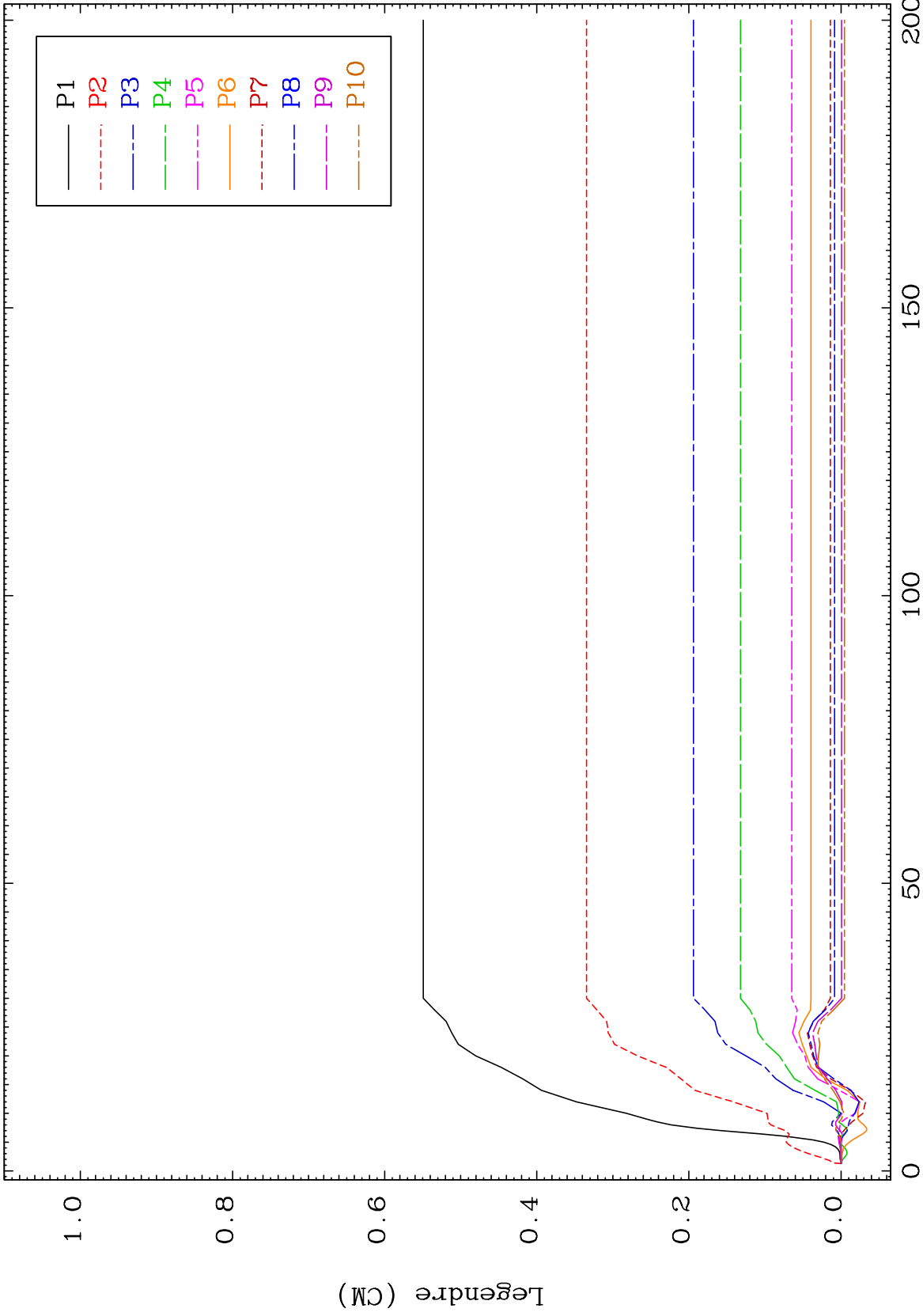
23

84-Po-208

MAT 8431

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

84-Po-208



24

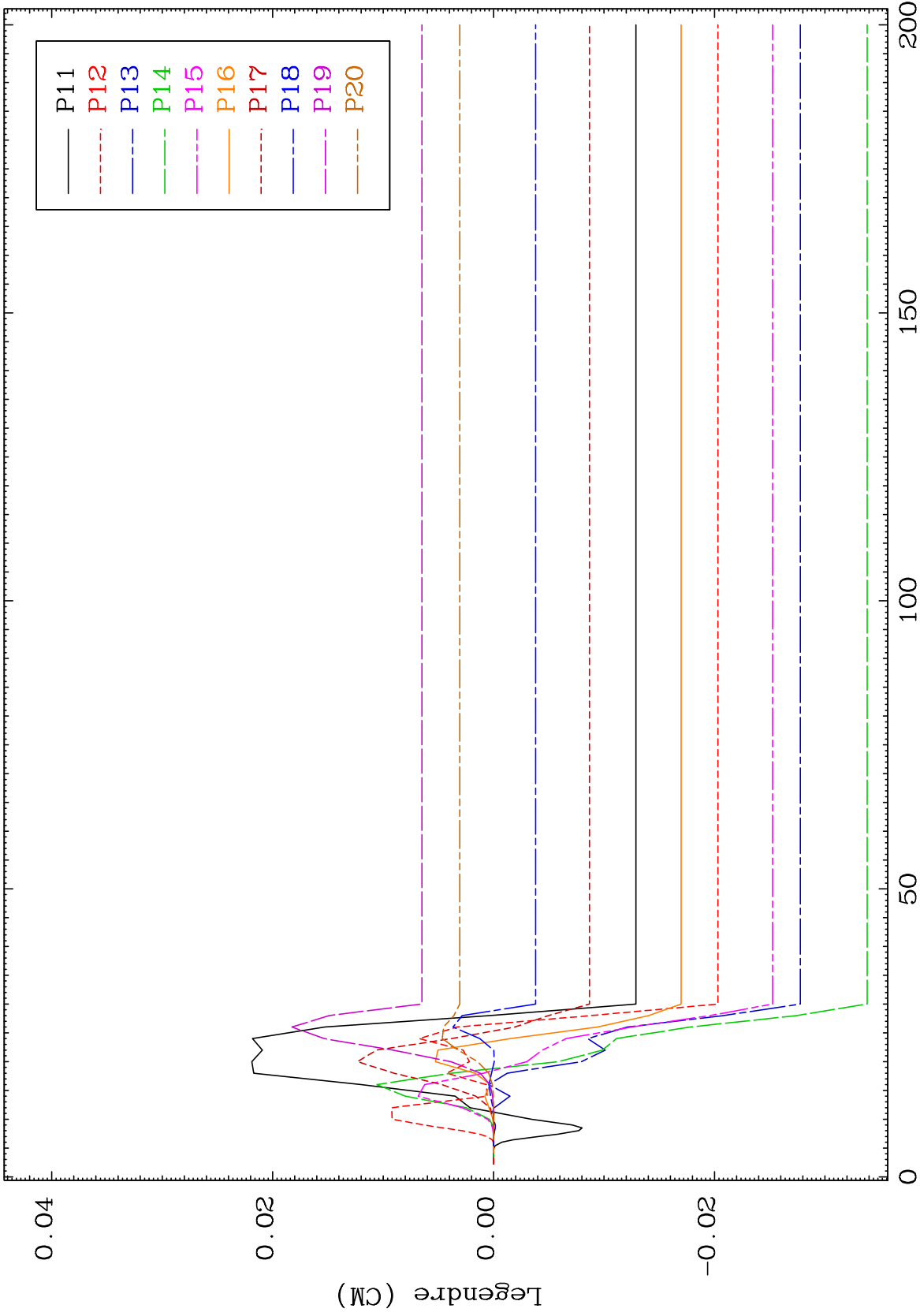
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



25

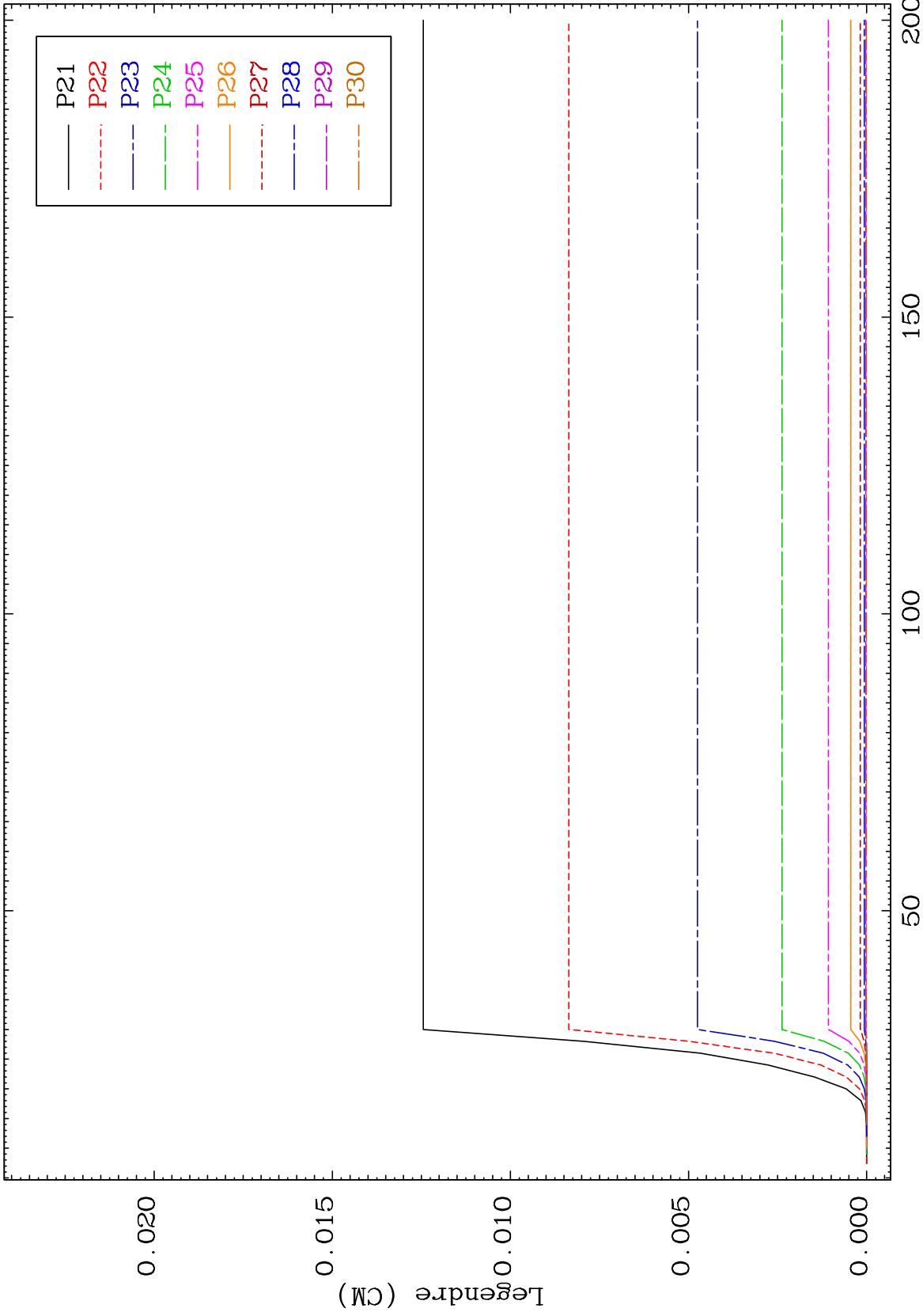
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



26

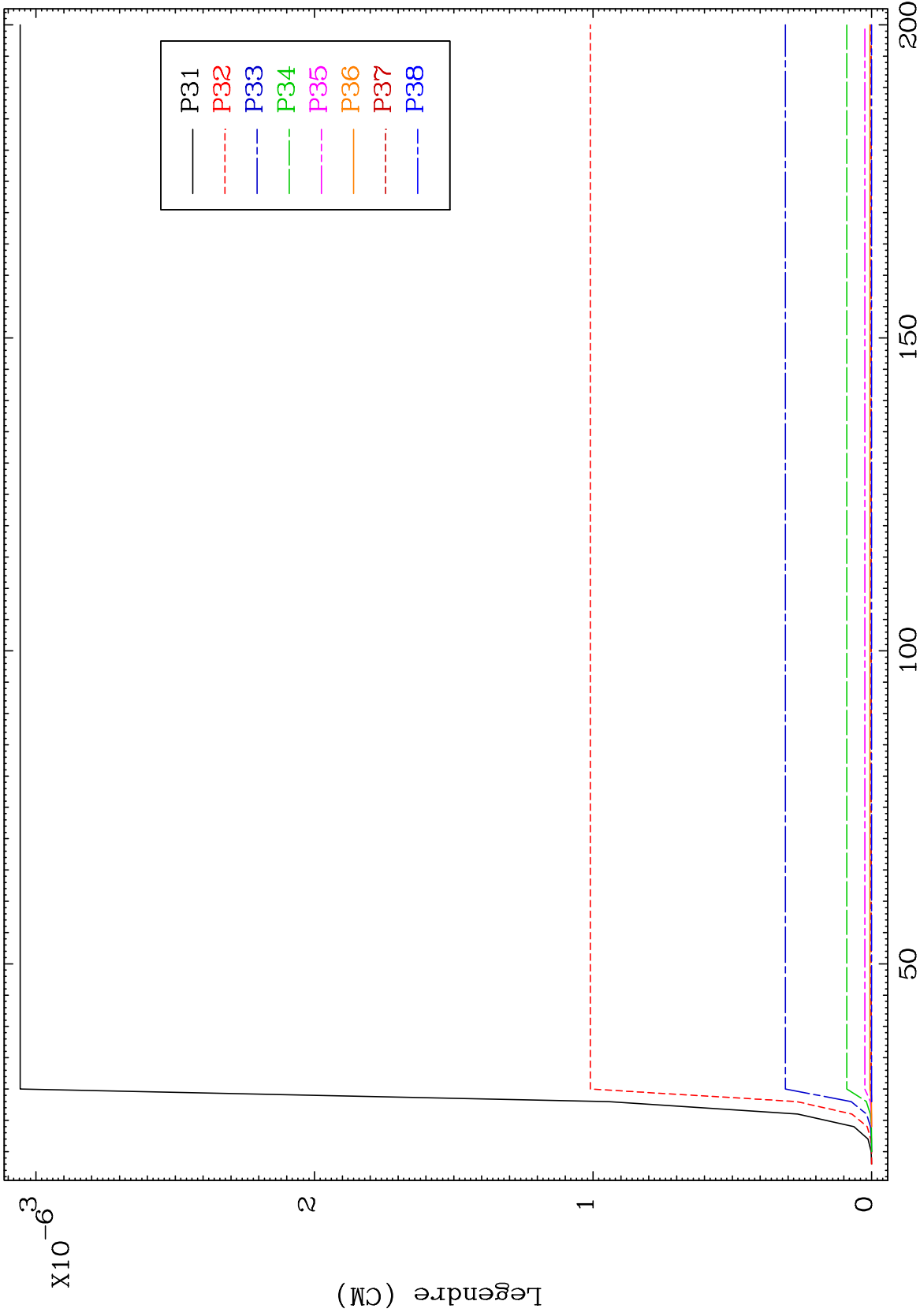
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



27

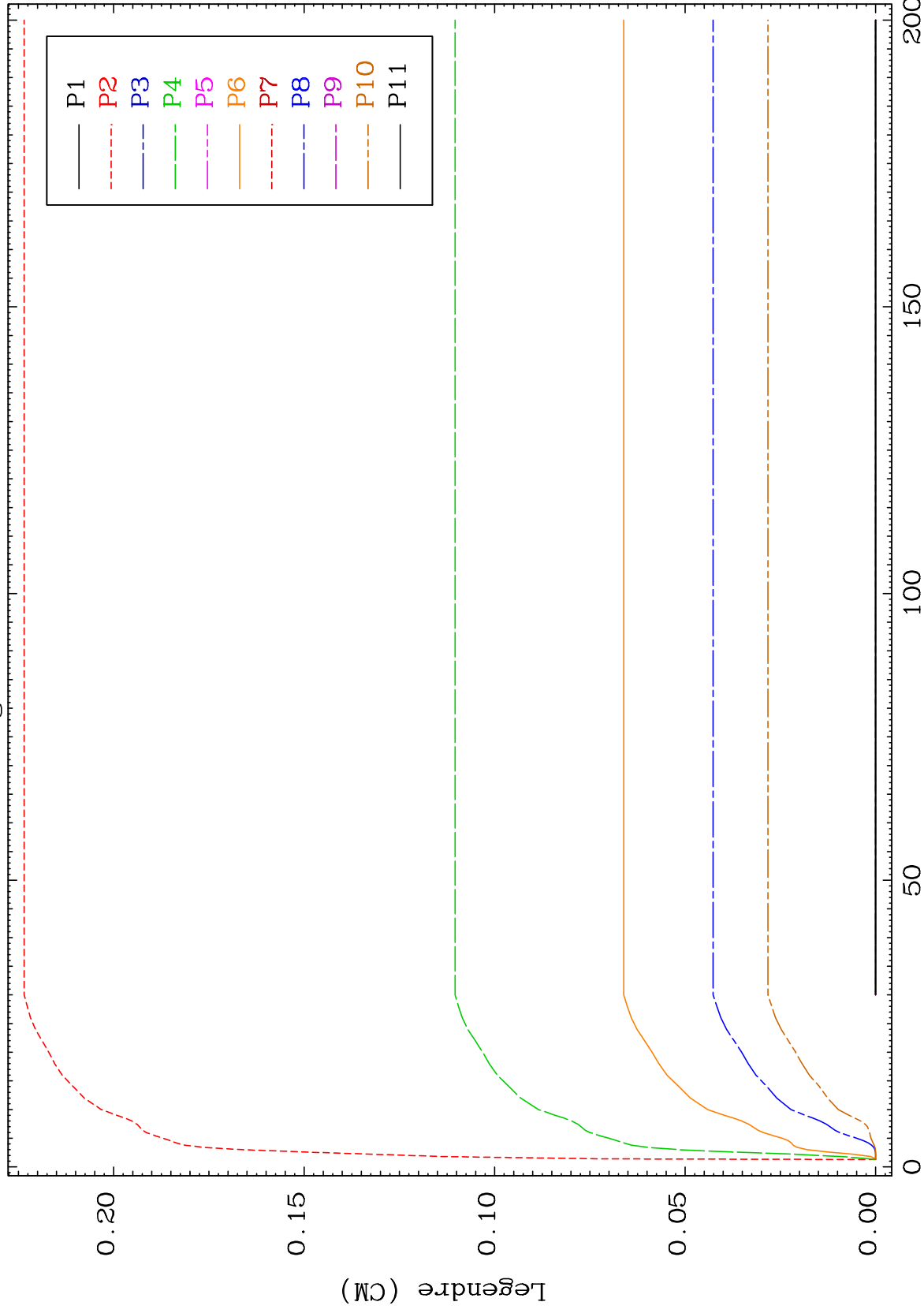
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



28

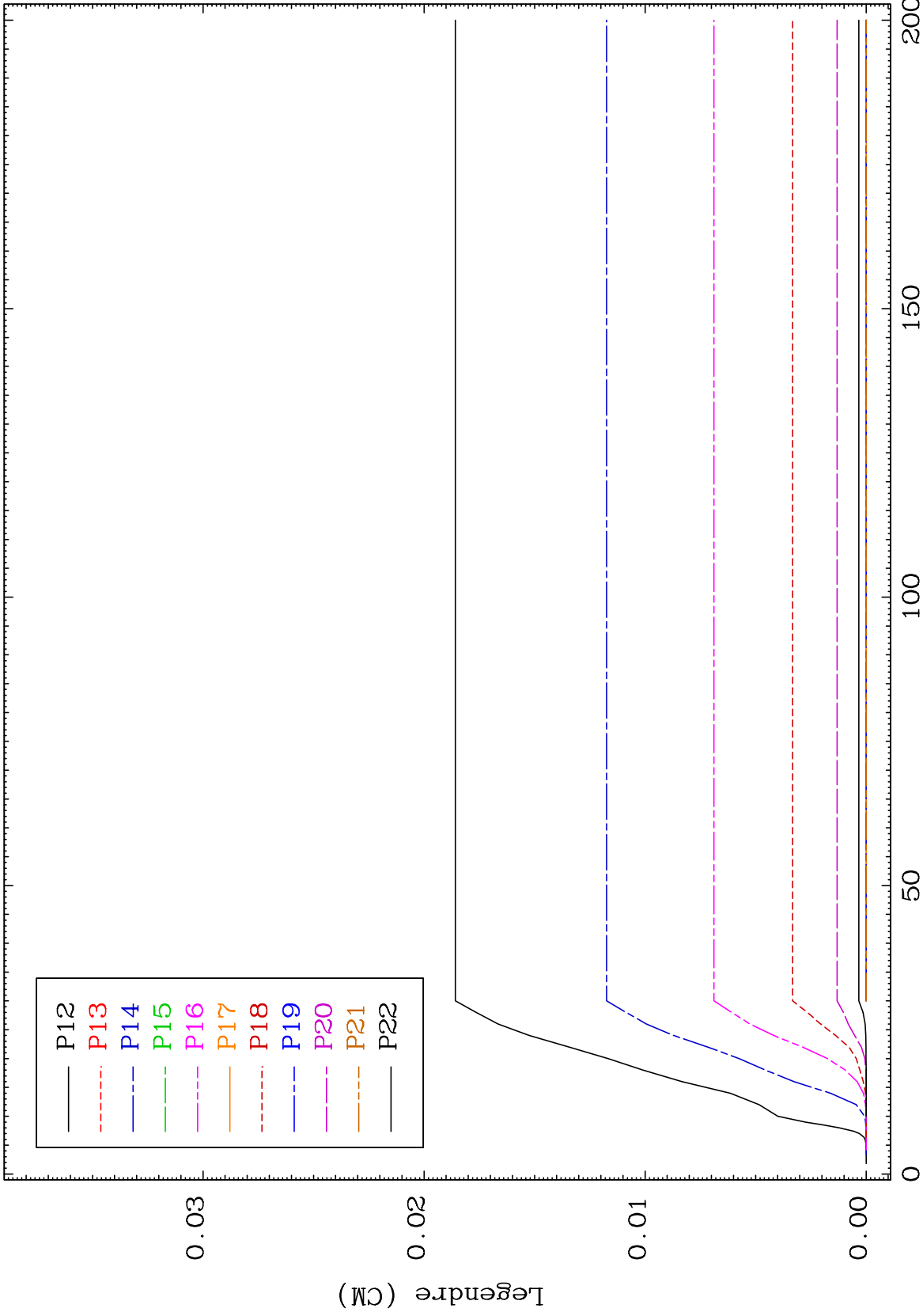
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



29

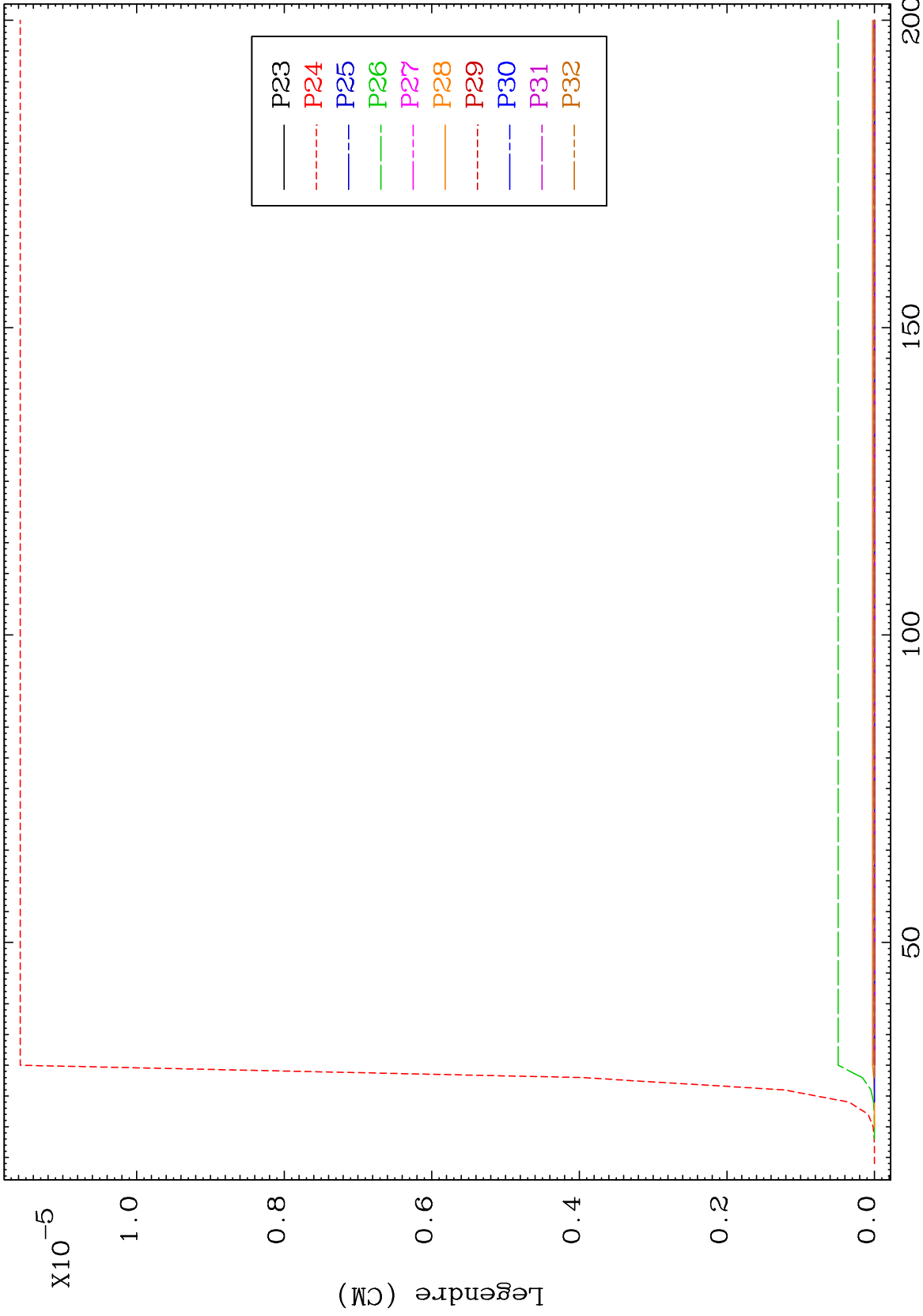
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



30

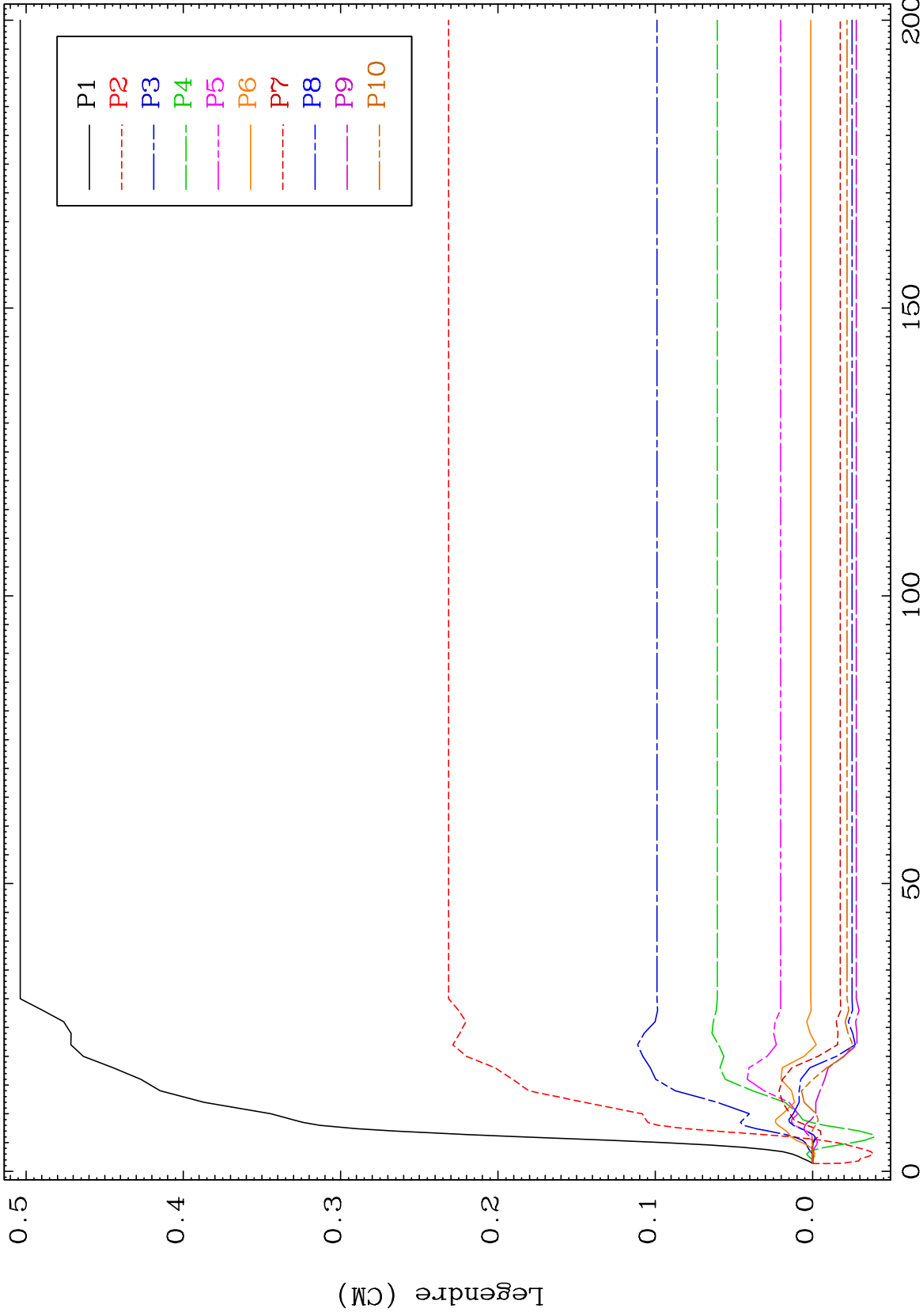
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



31

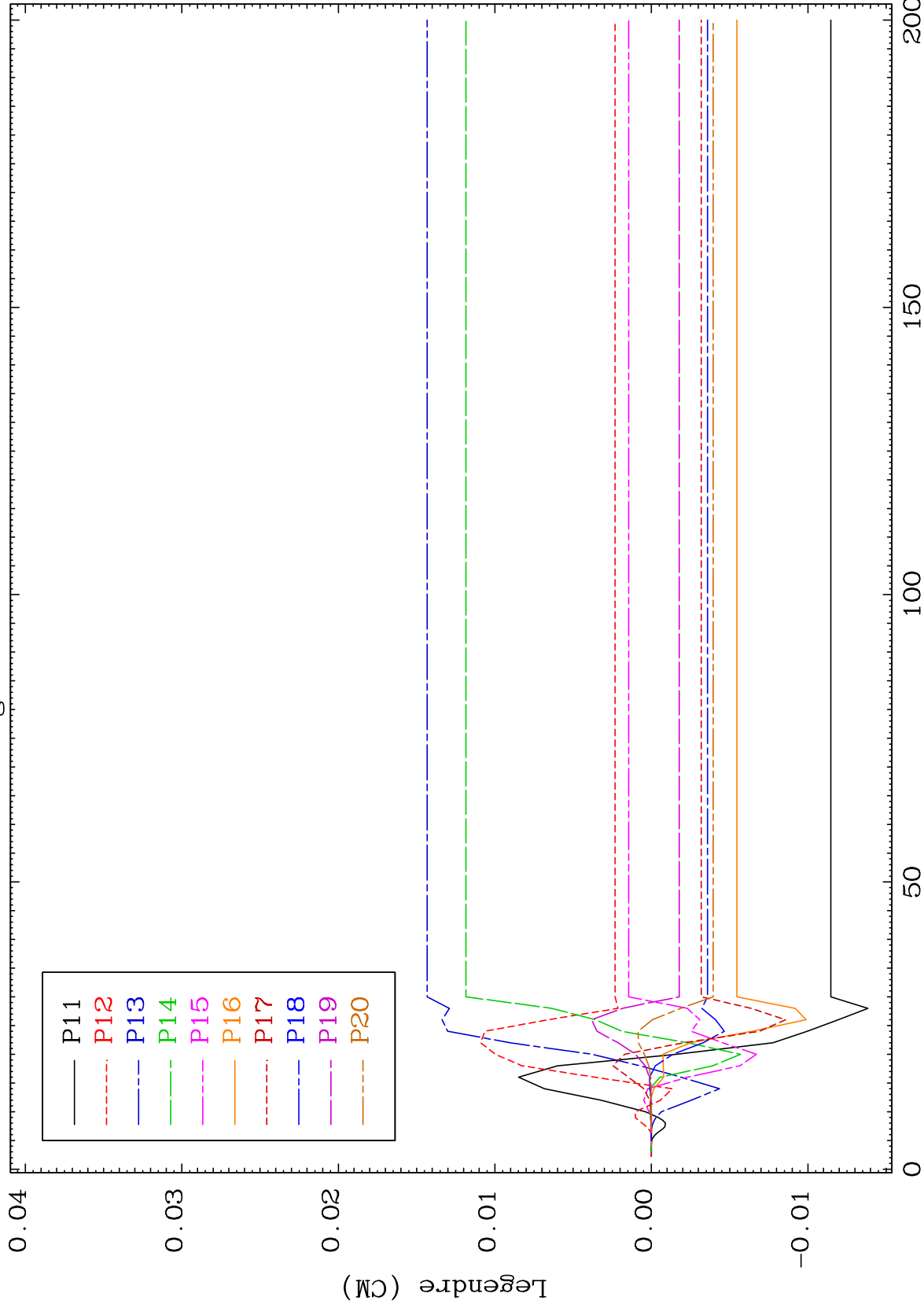
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



32

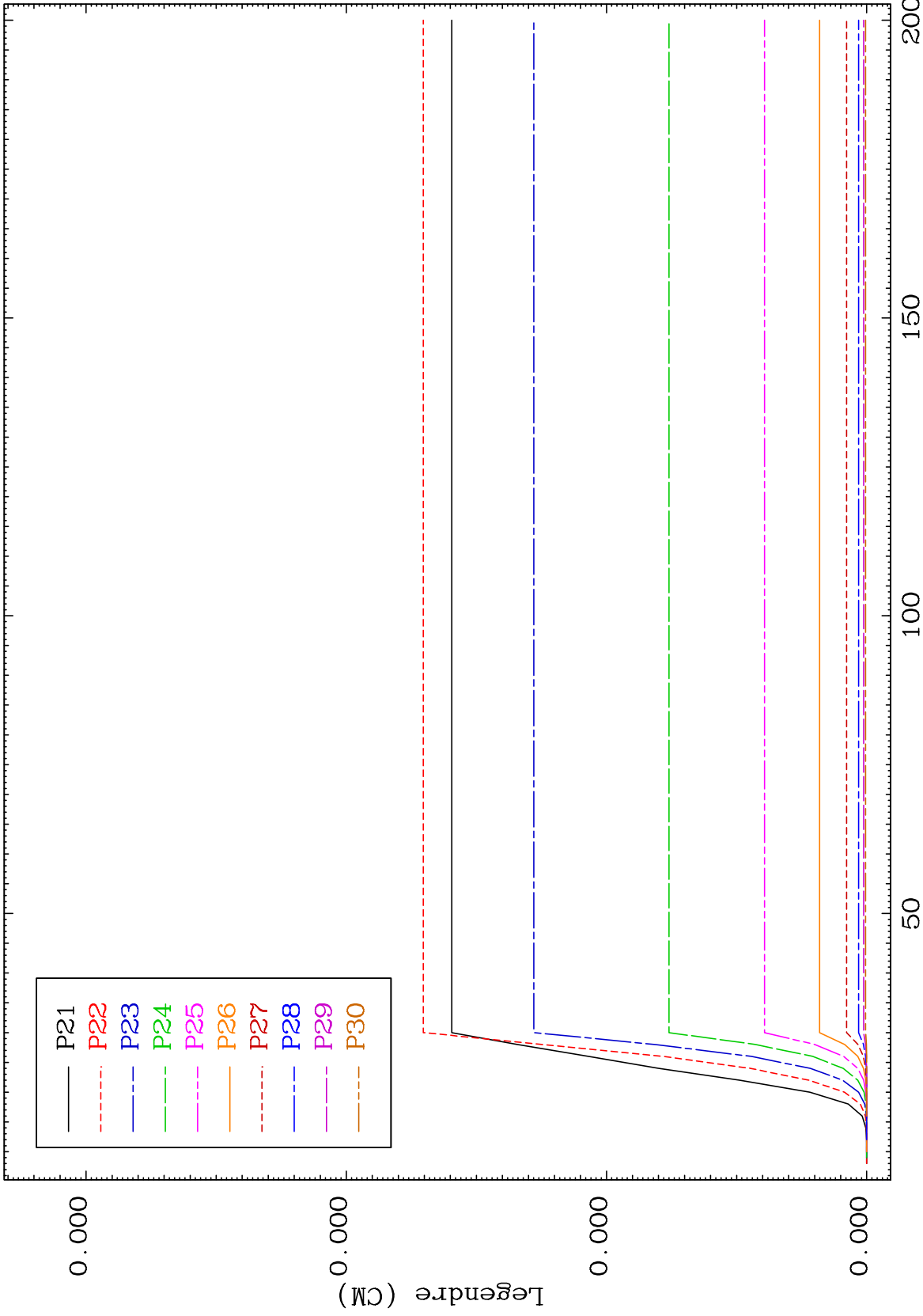
Incident Energy (MeV)

84-Po-208

MAT 8431

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

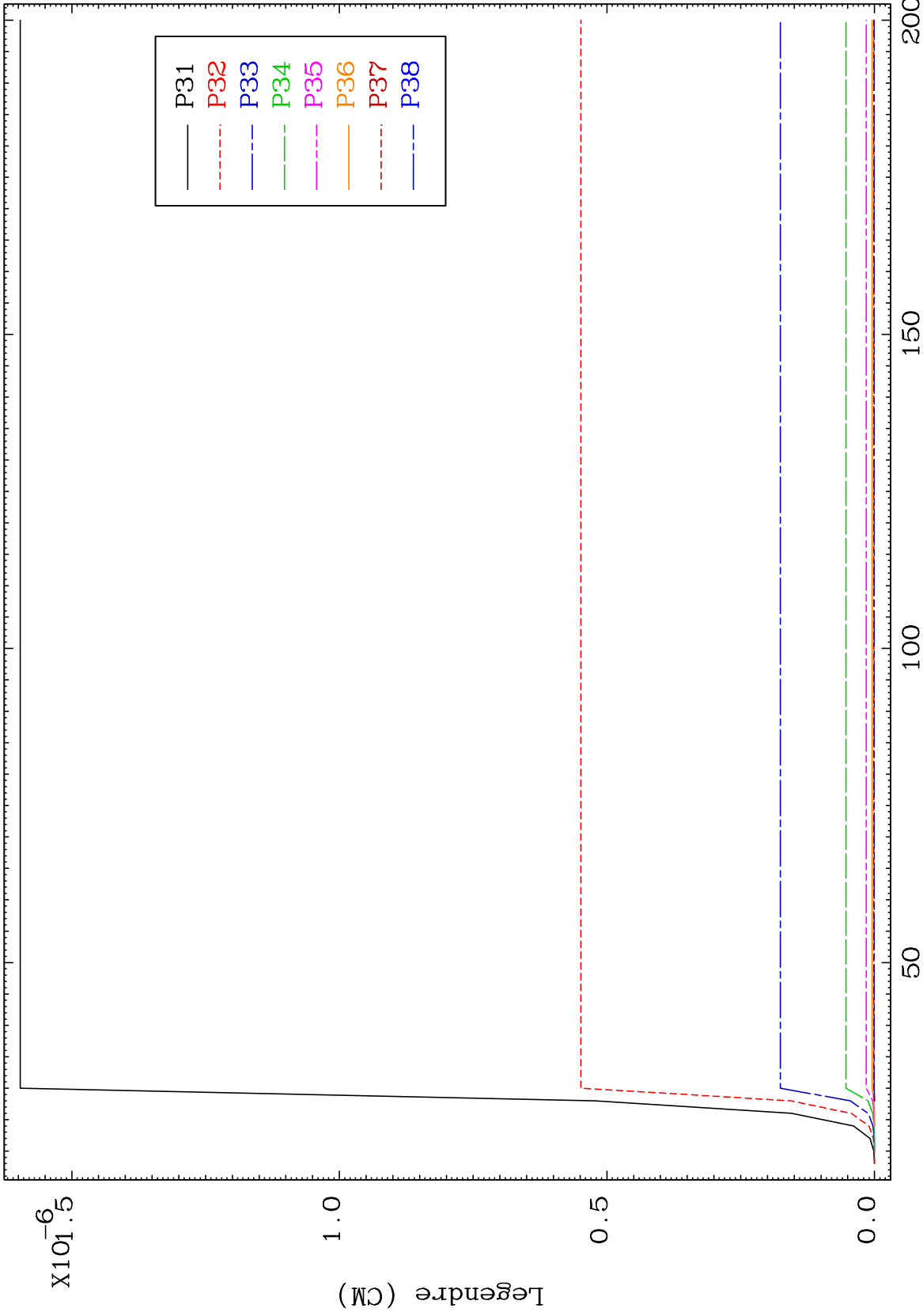
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MAT 8431

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

84-Po-208



34

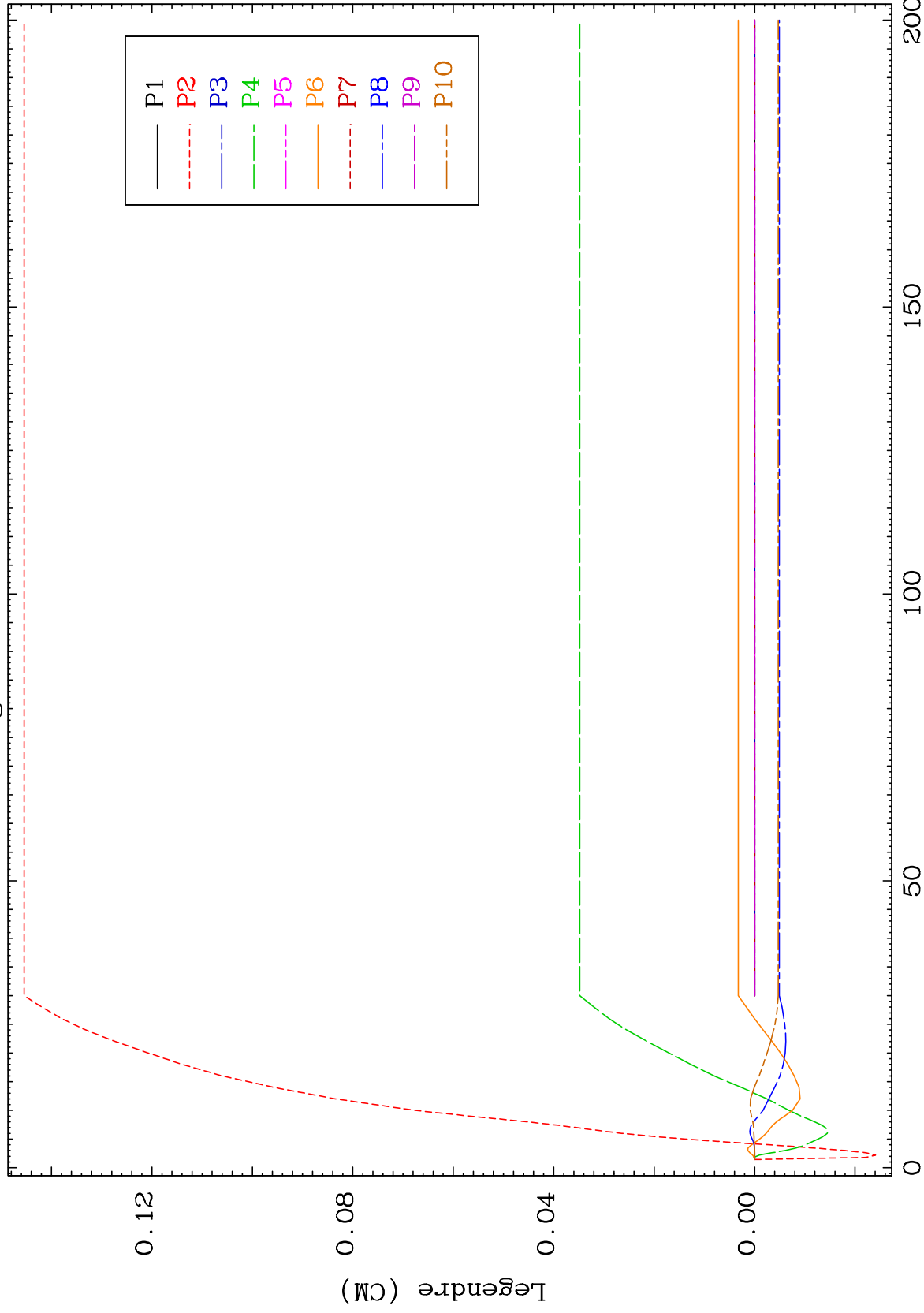
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



35

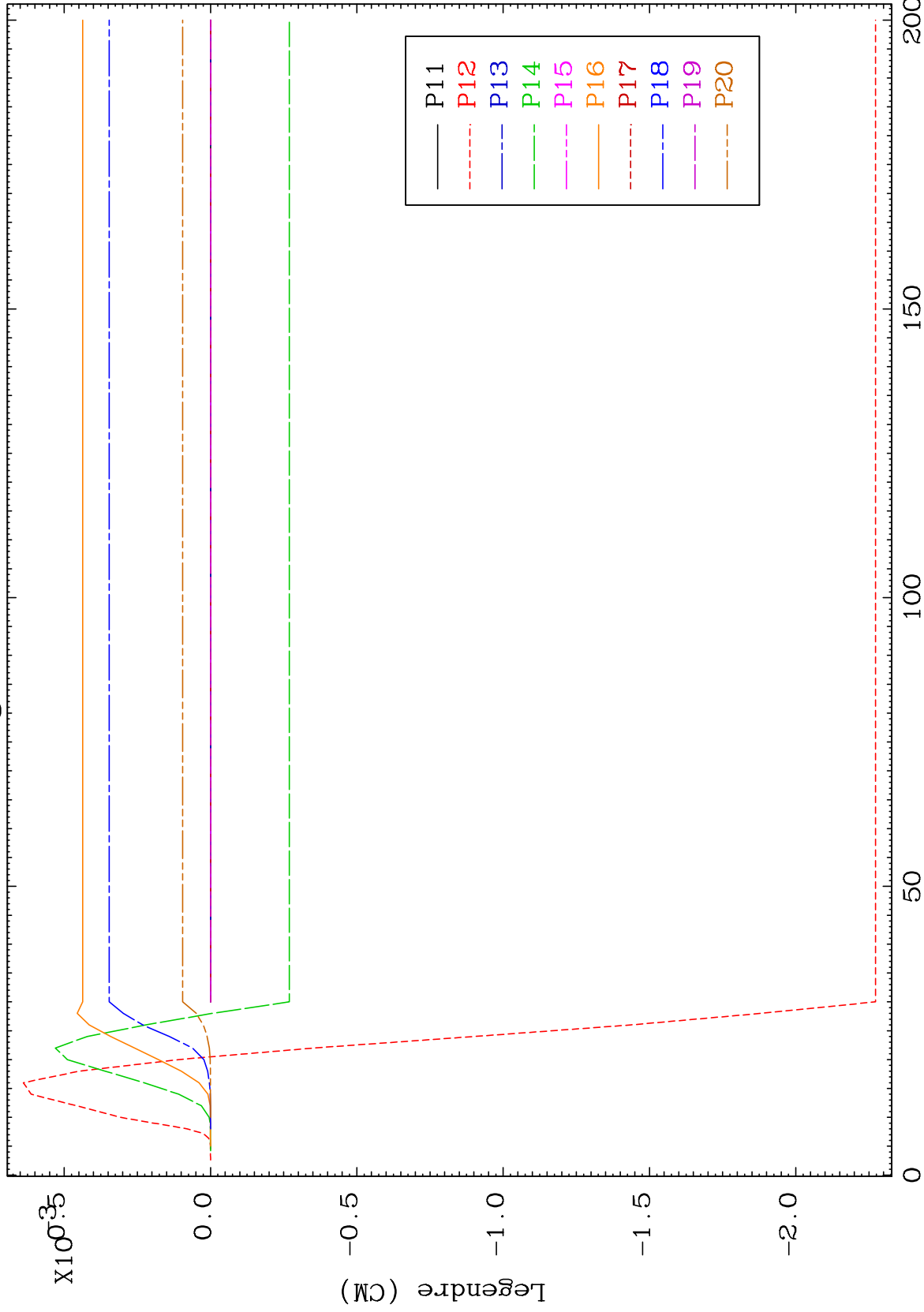
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



36

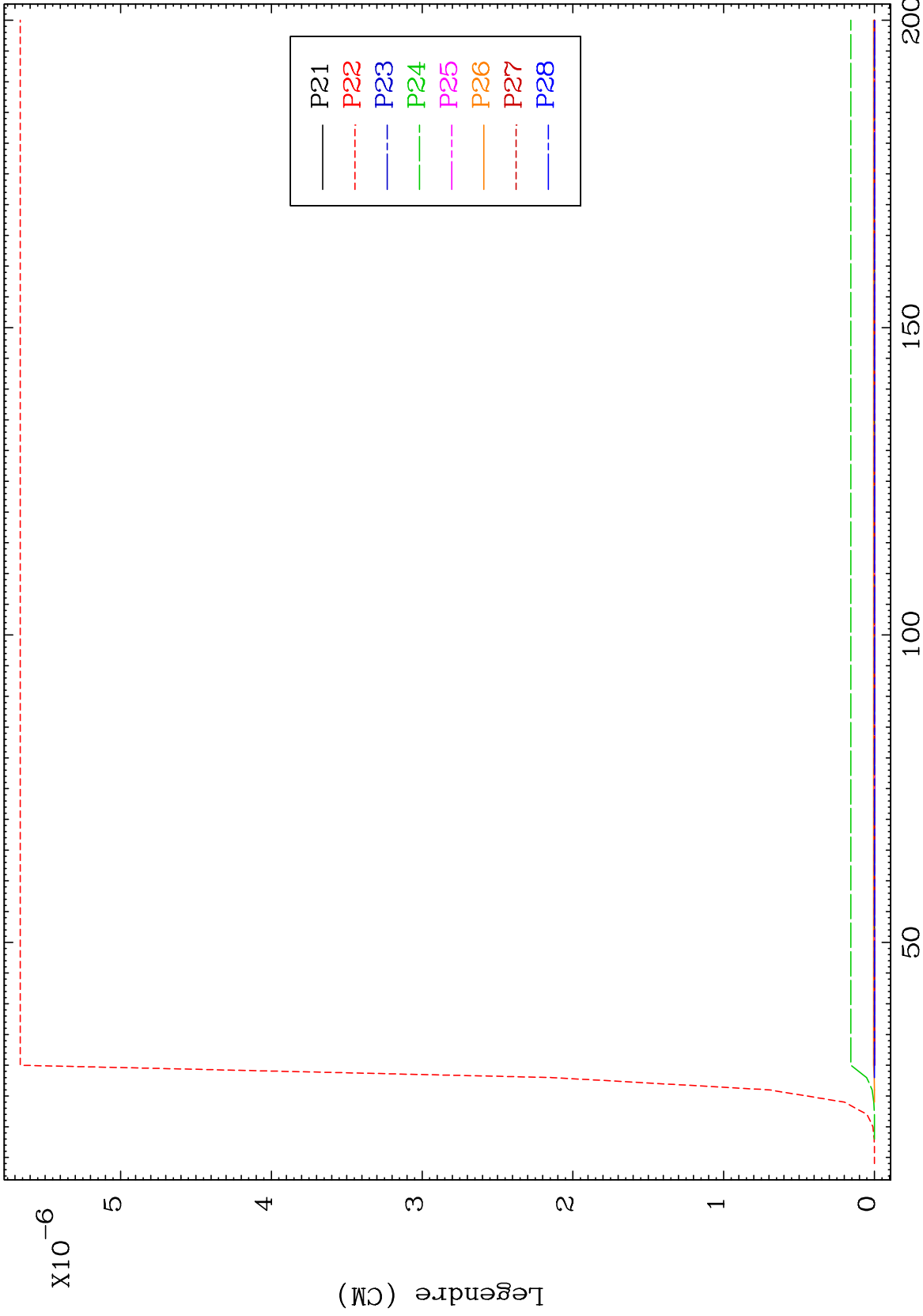
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



37

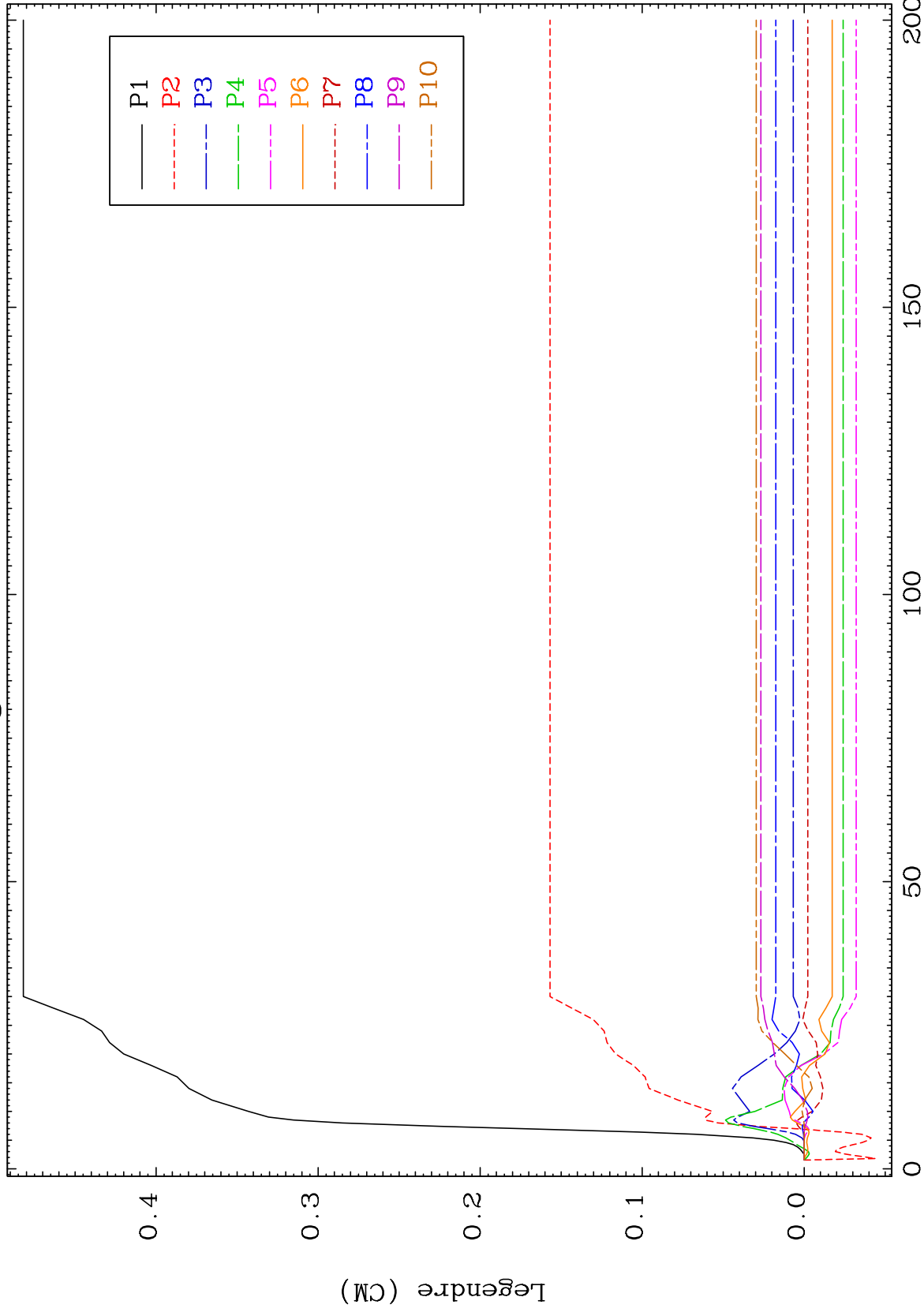
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



38

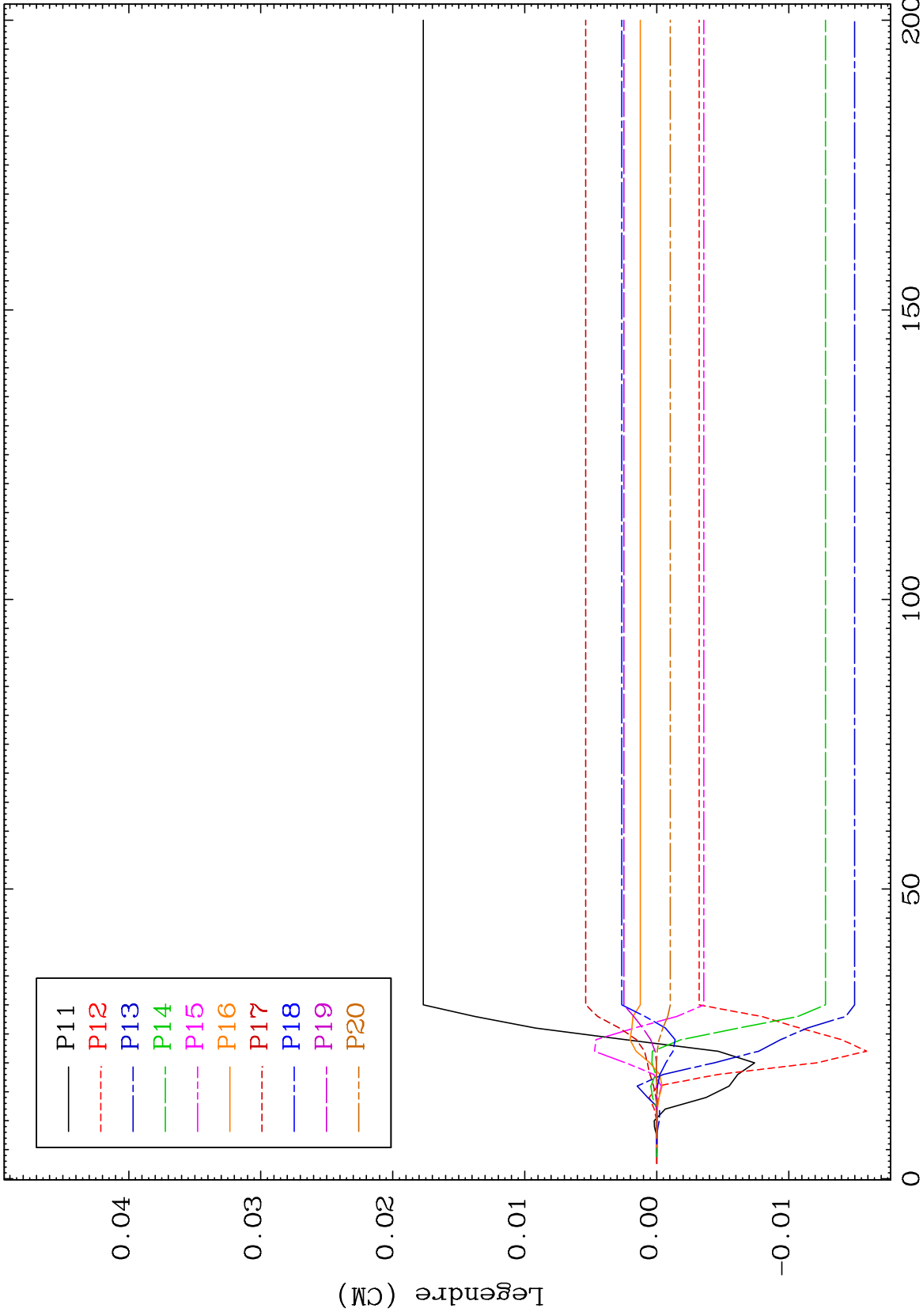
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



39

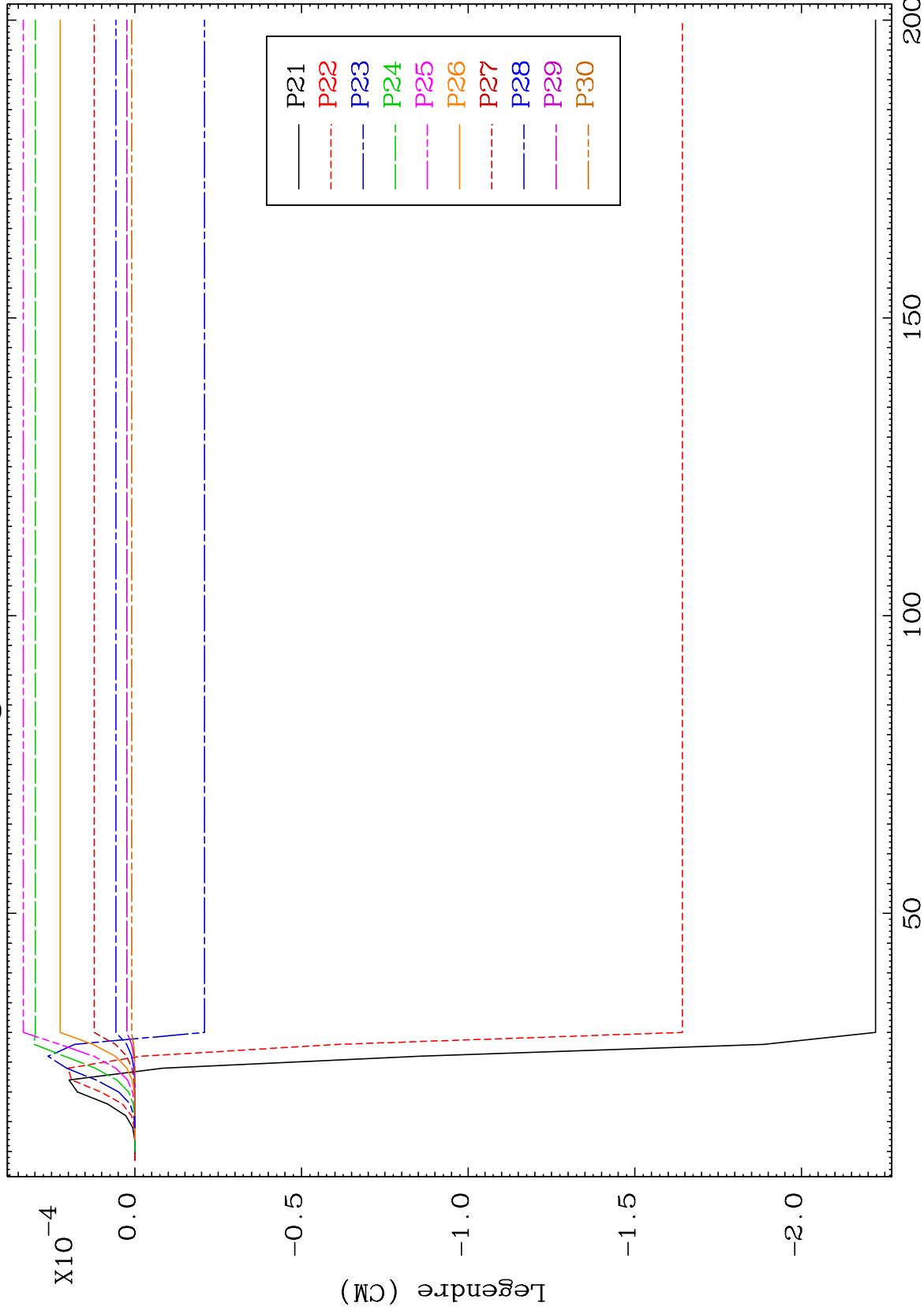
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



40

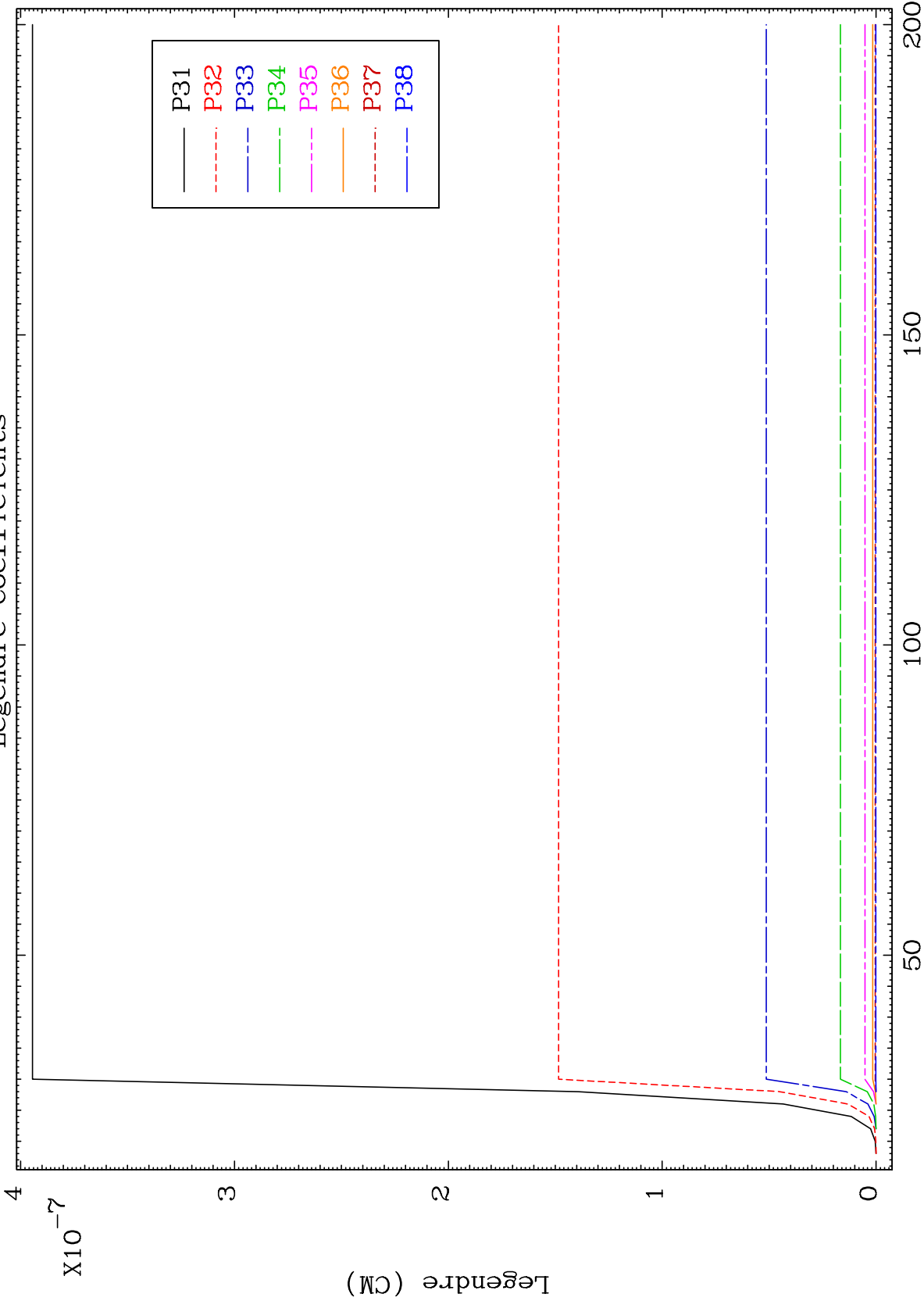
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



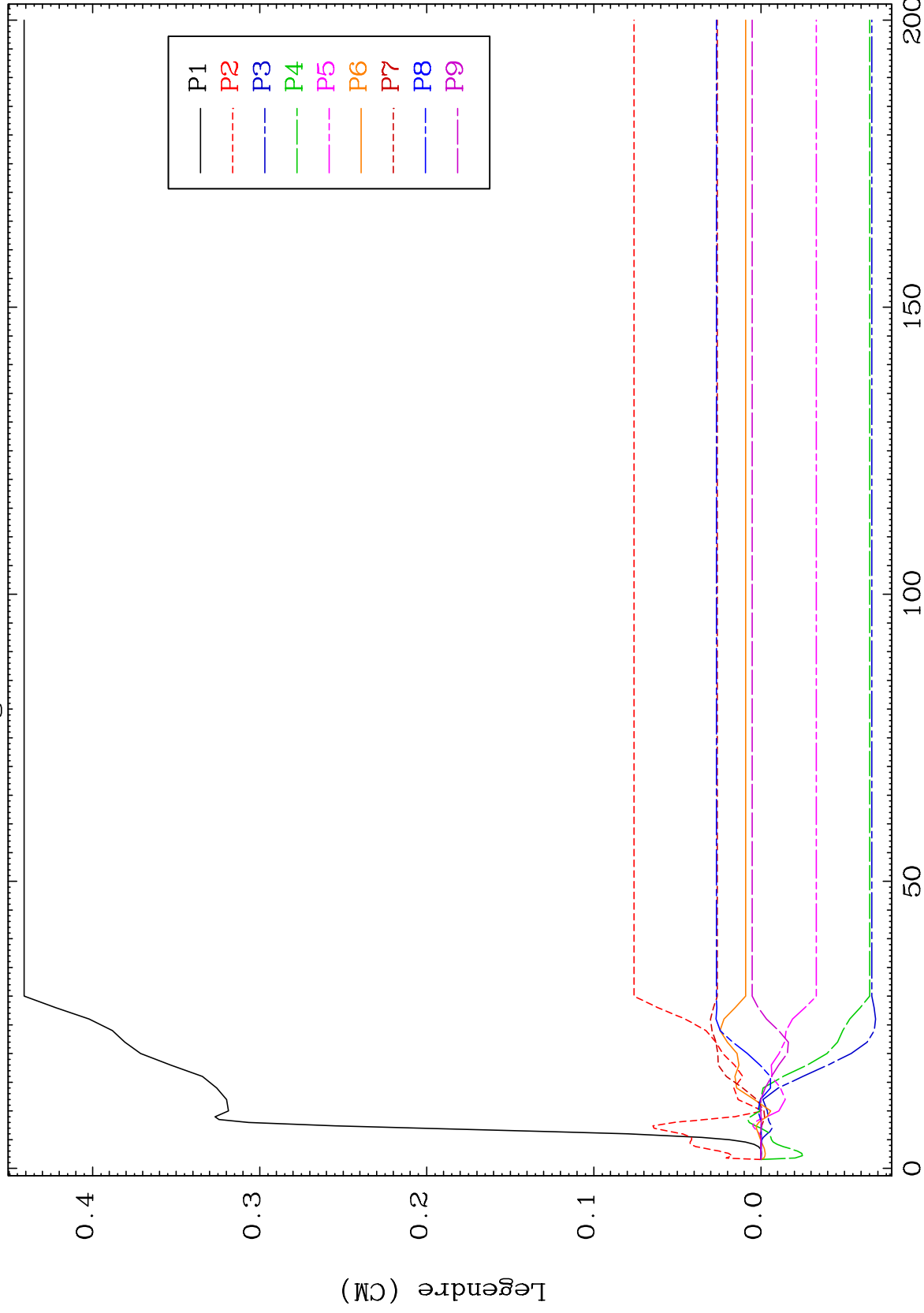
41

84-Po-208

MAT 8431

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

84-Po-208



42

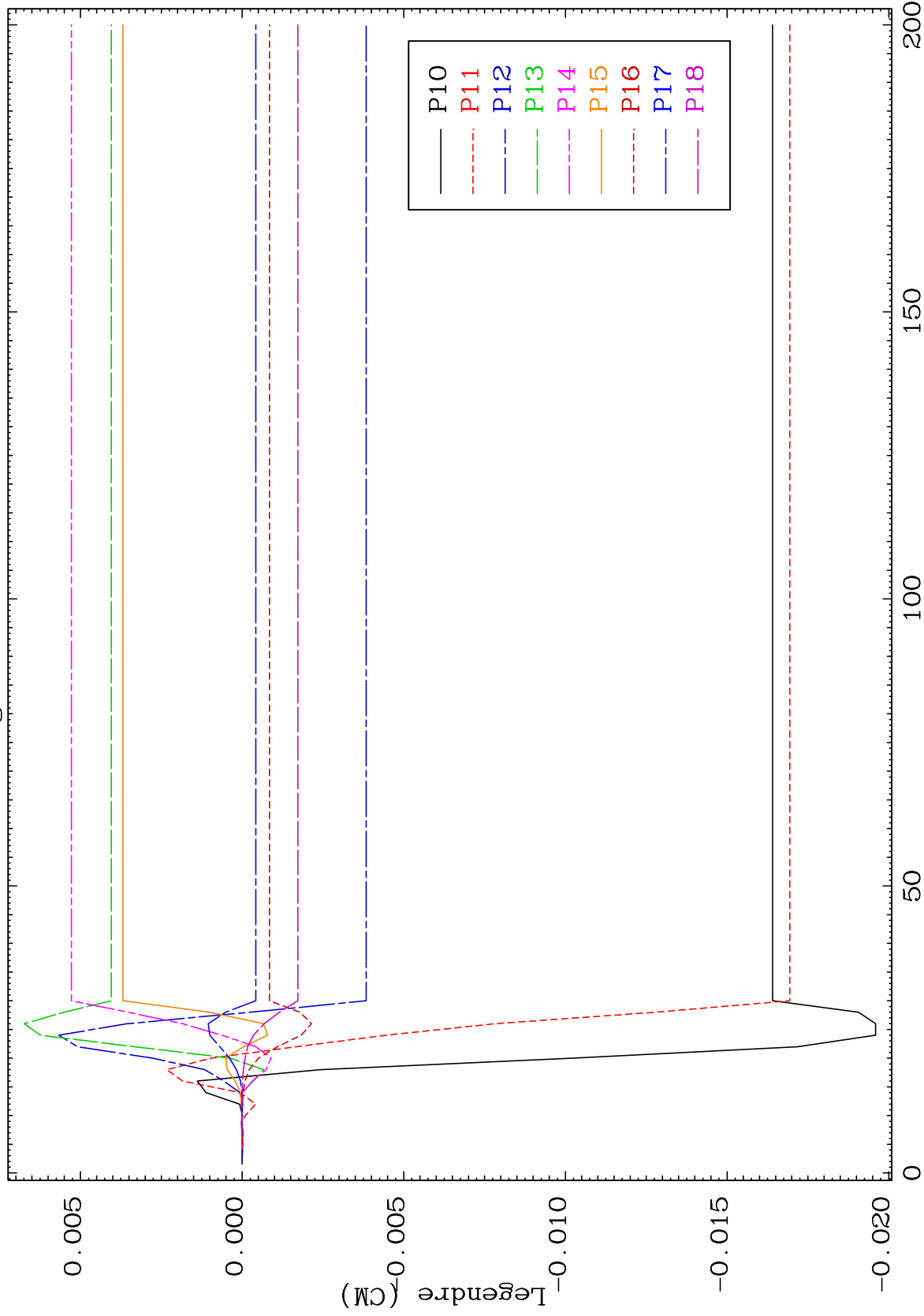
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



43

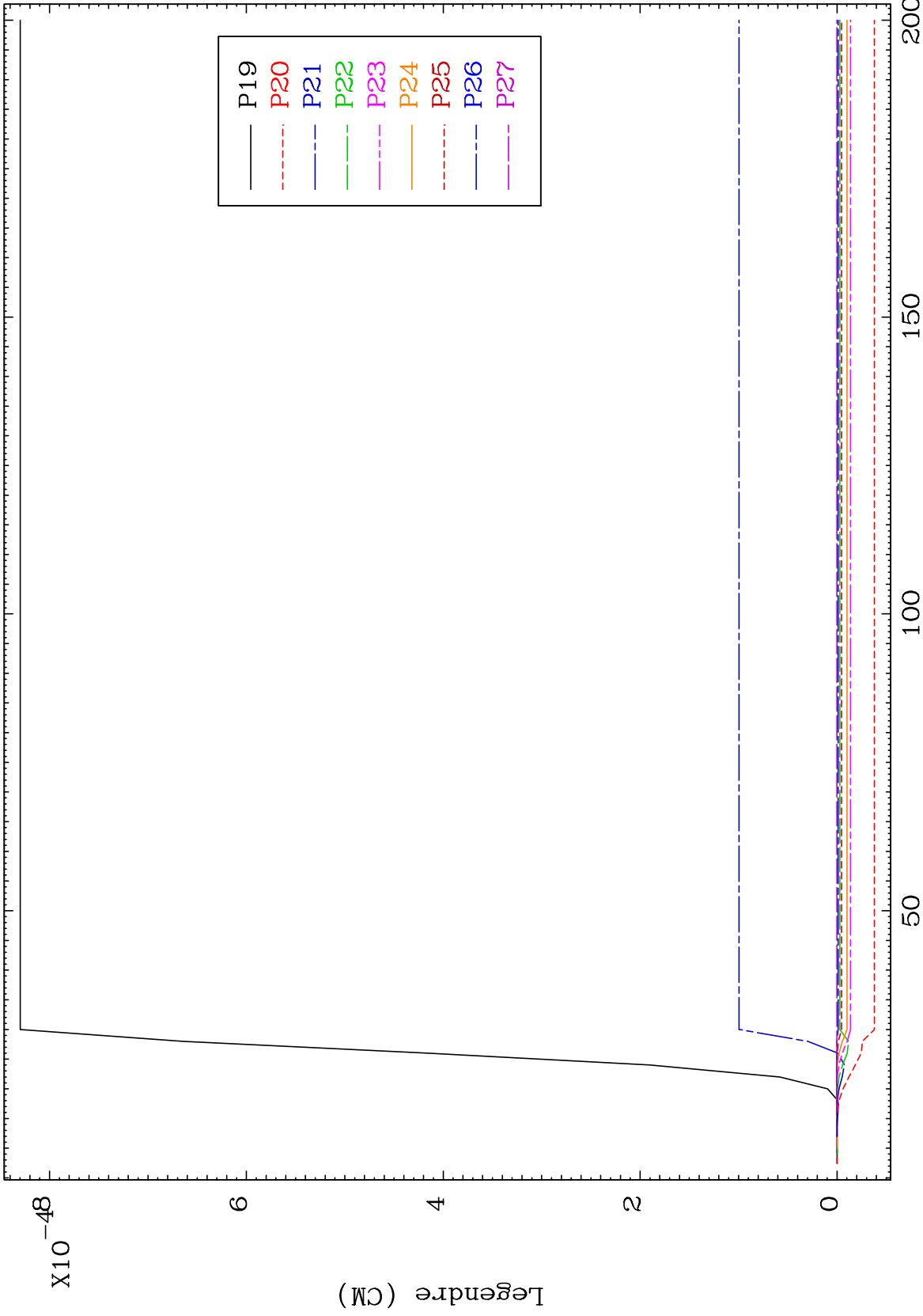
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



44

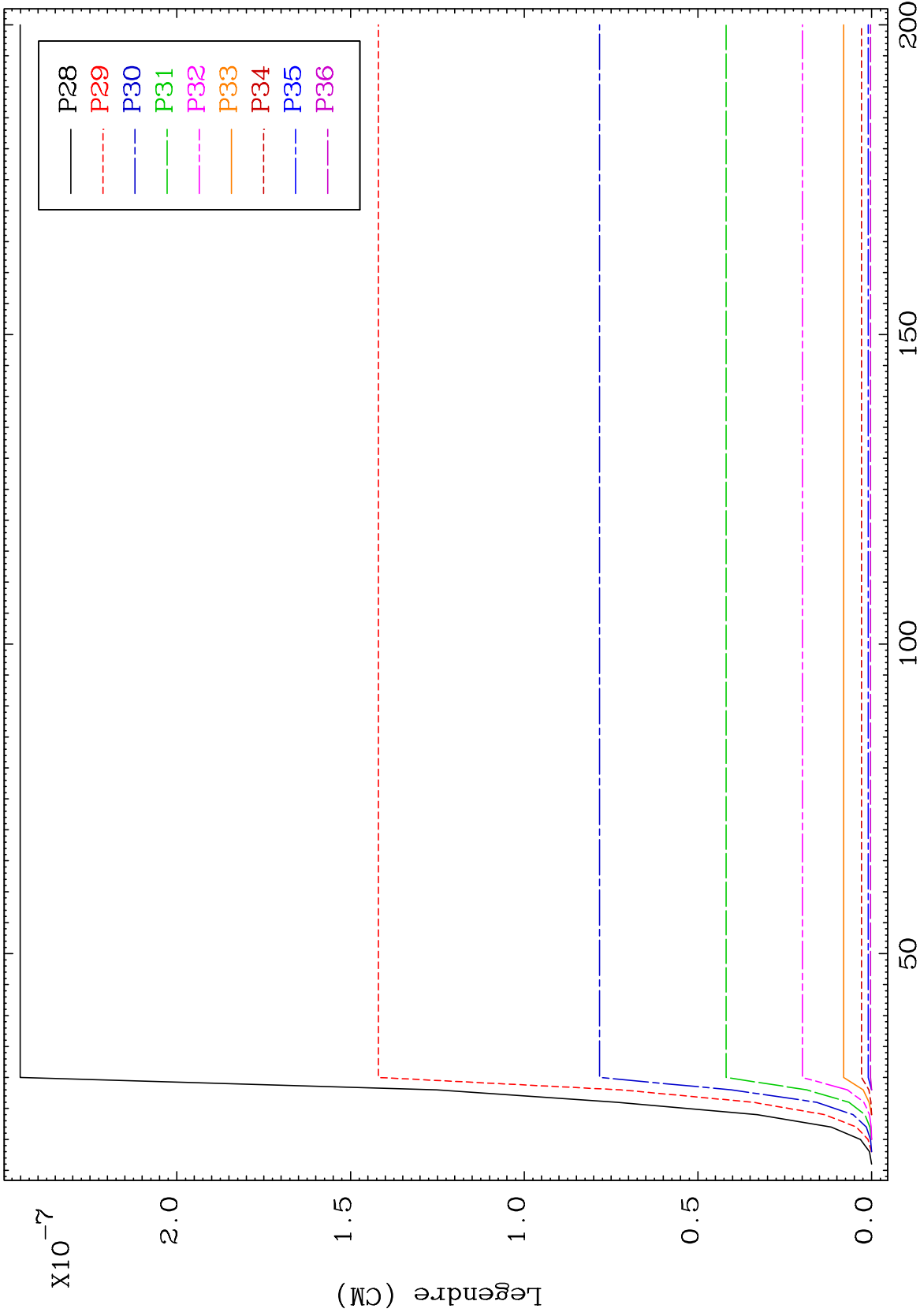
Incident Energy (MeV)

84-Po-208

MAT 8431

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

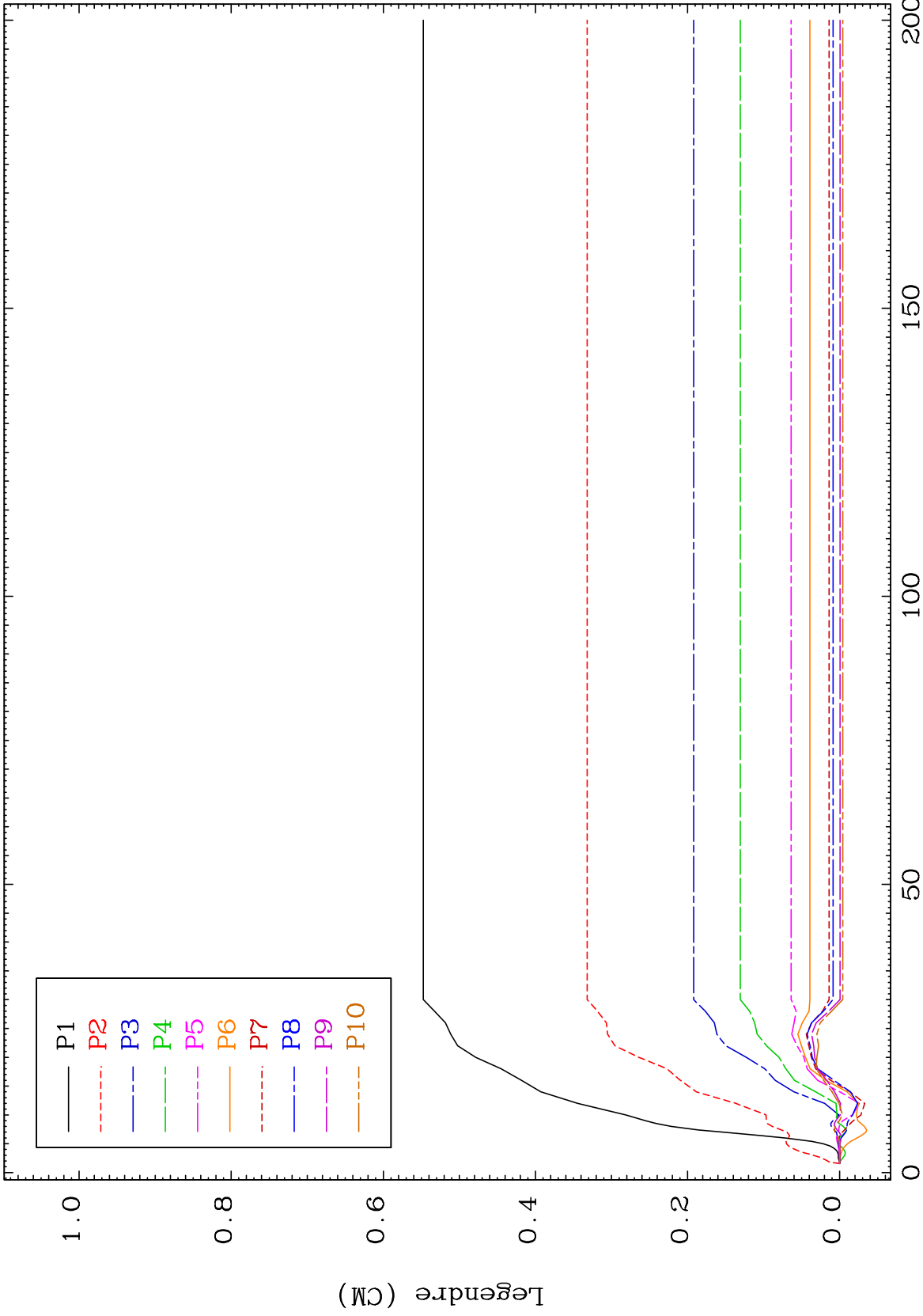
84-Po-208



MAT 8431

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

84-Po-208



46

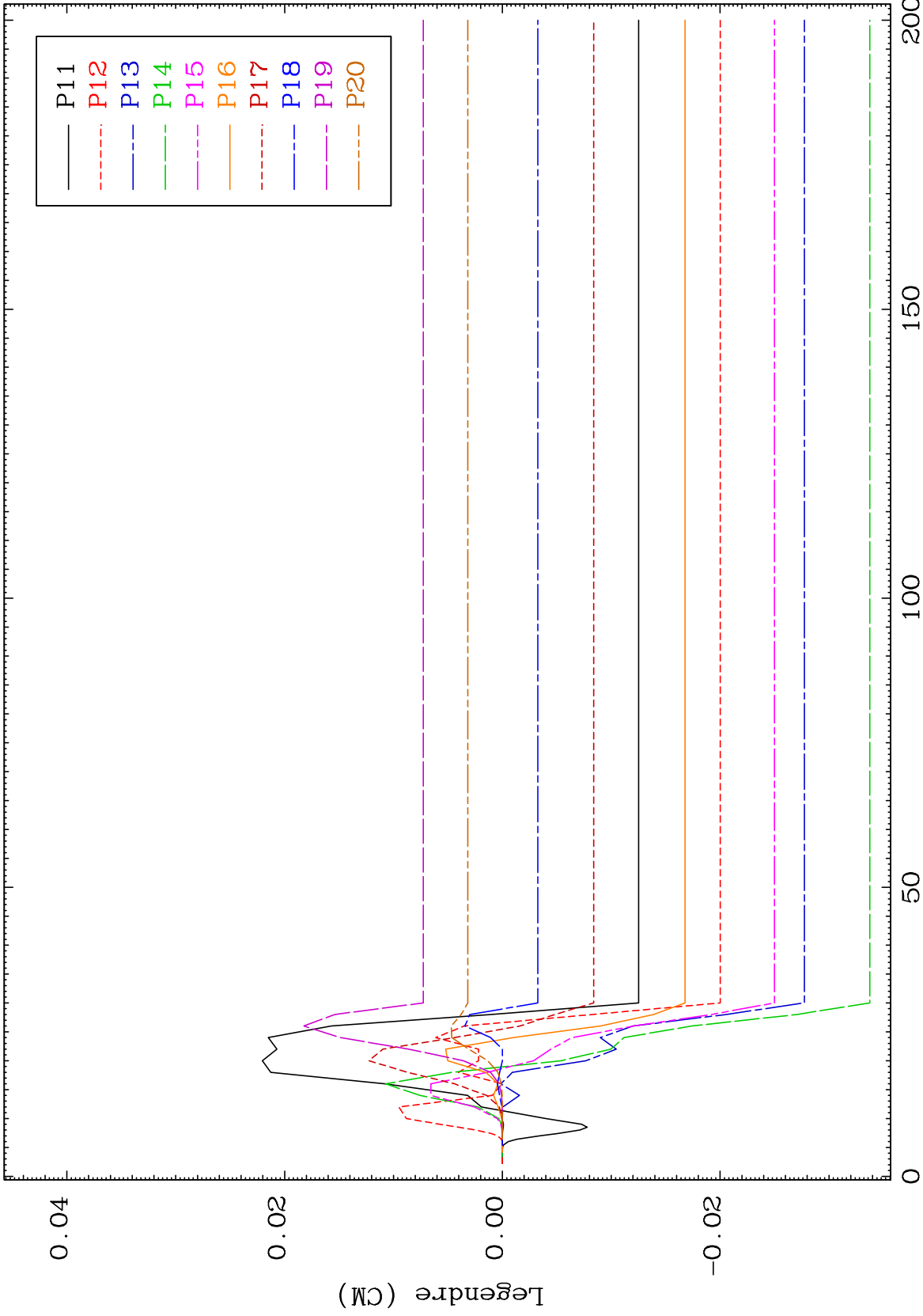
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



47

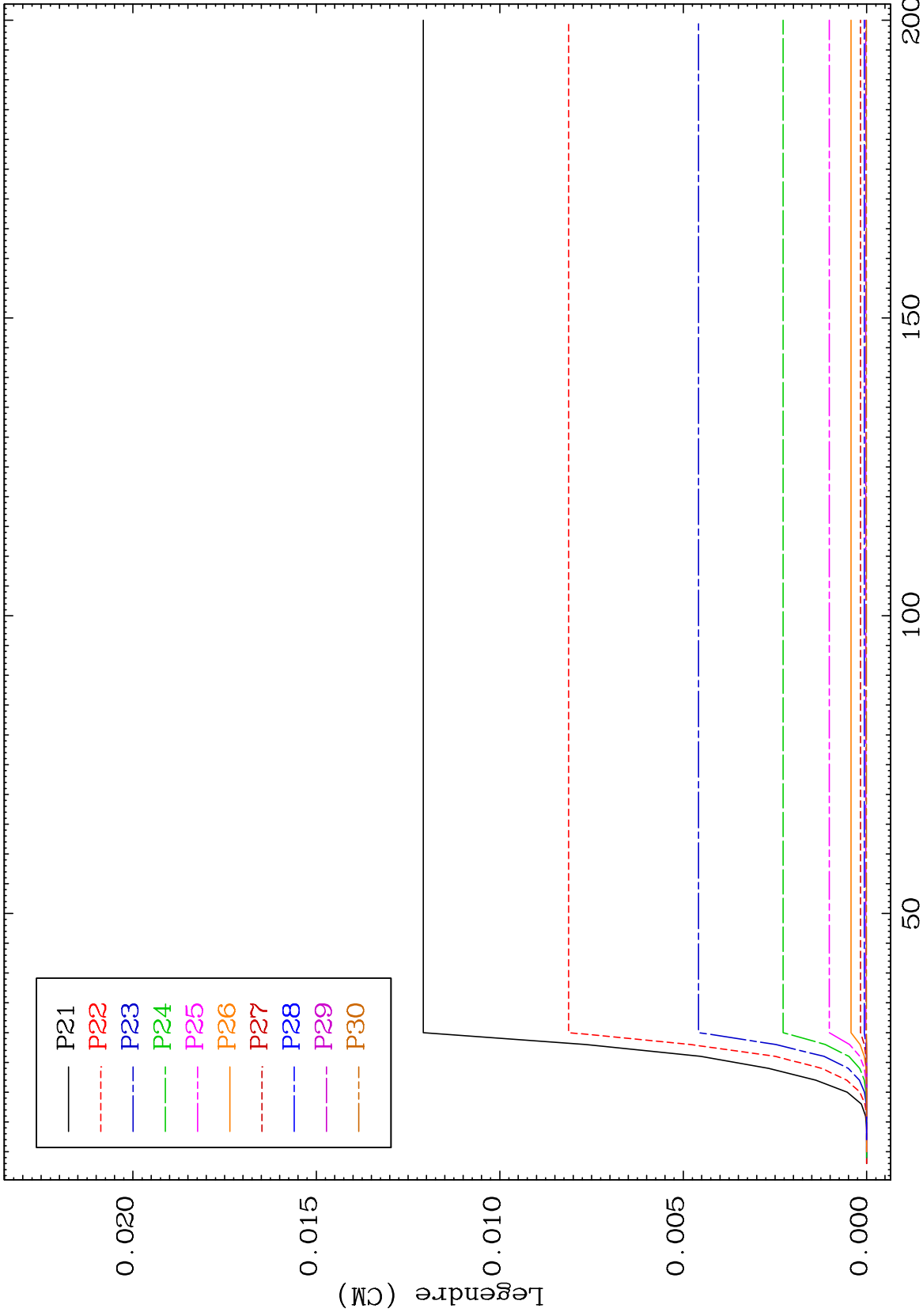
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



48

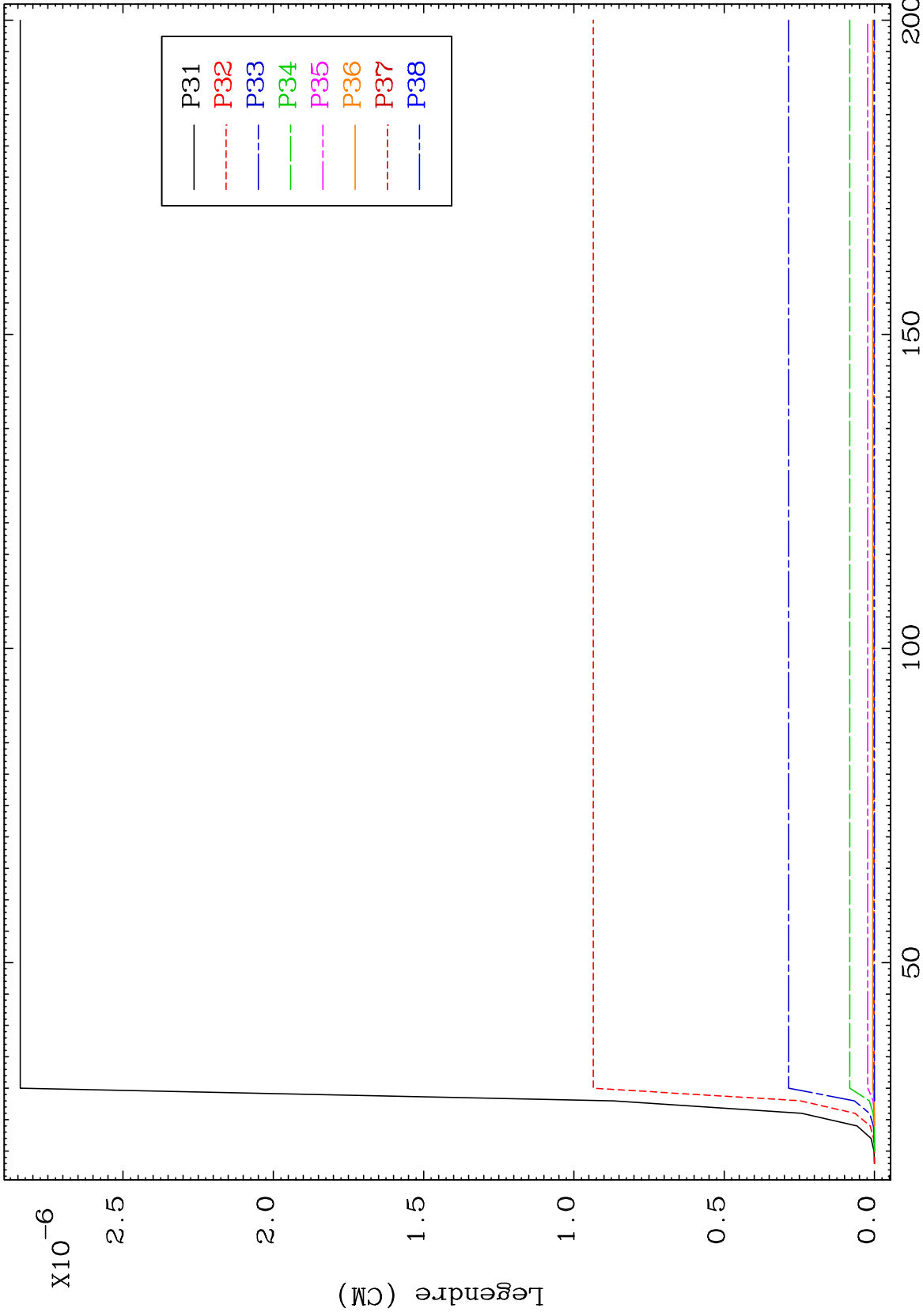
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



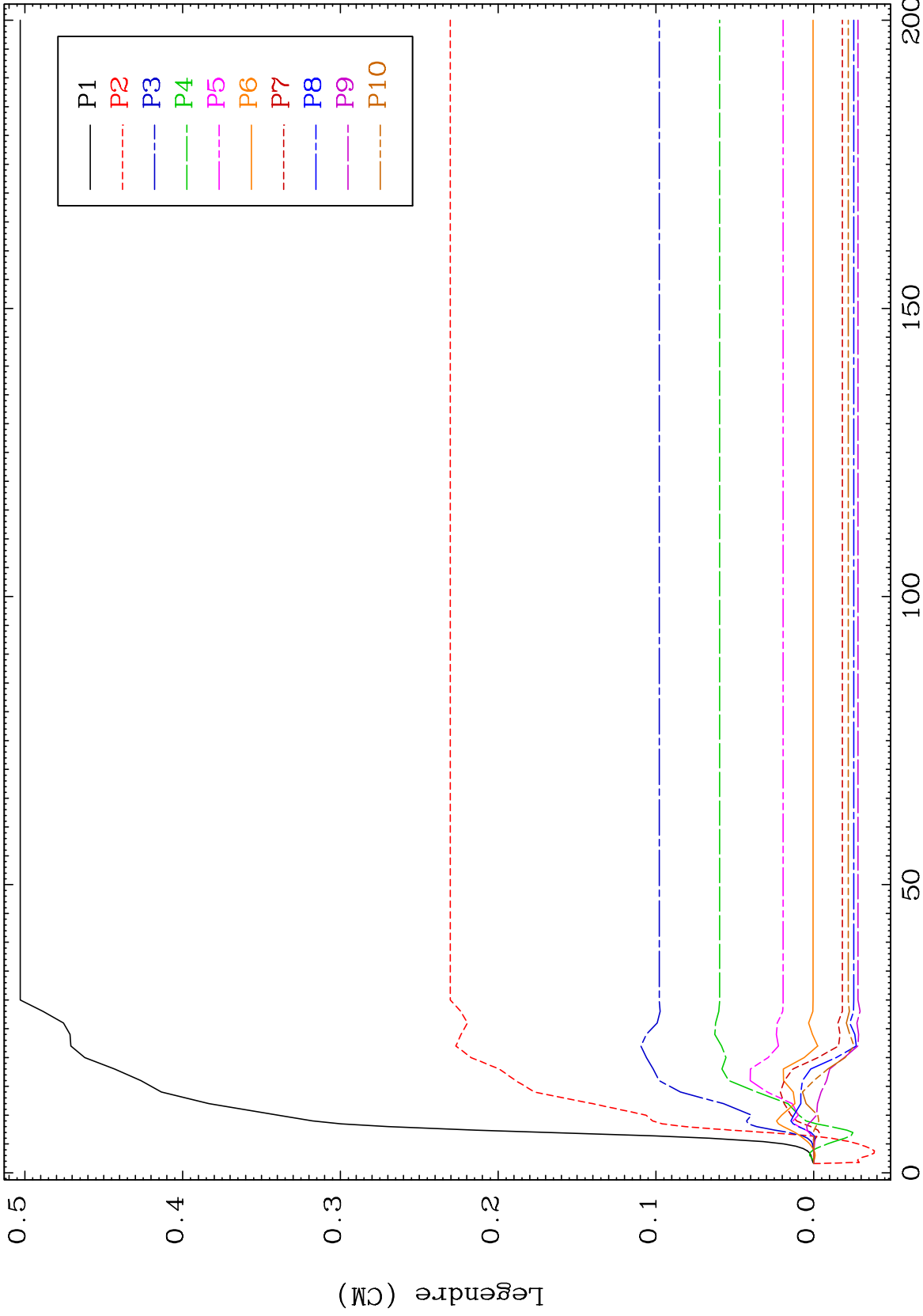
49

84-Po-208

MAT 8431

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

84-Po-208



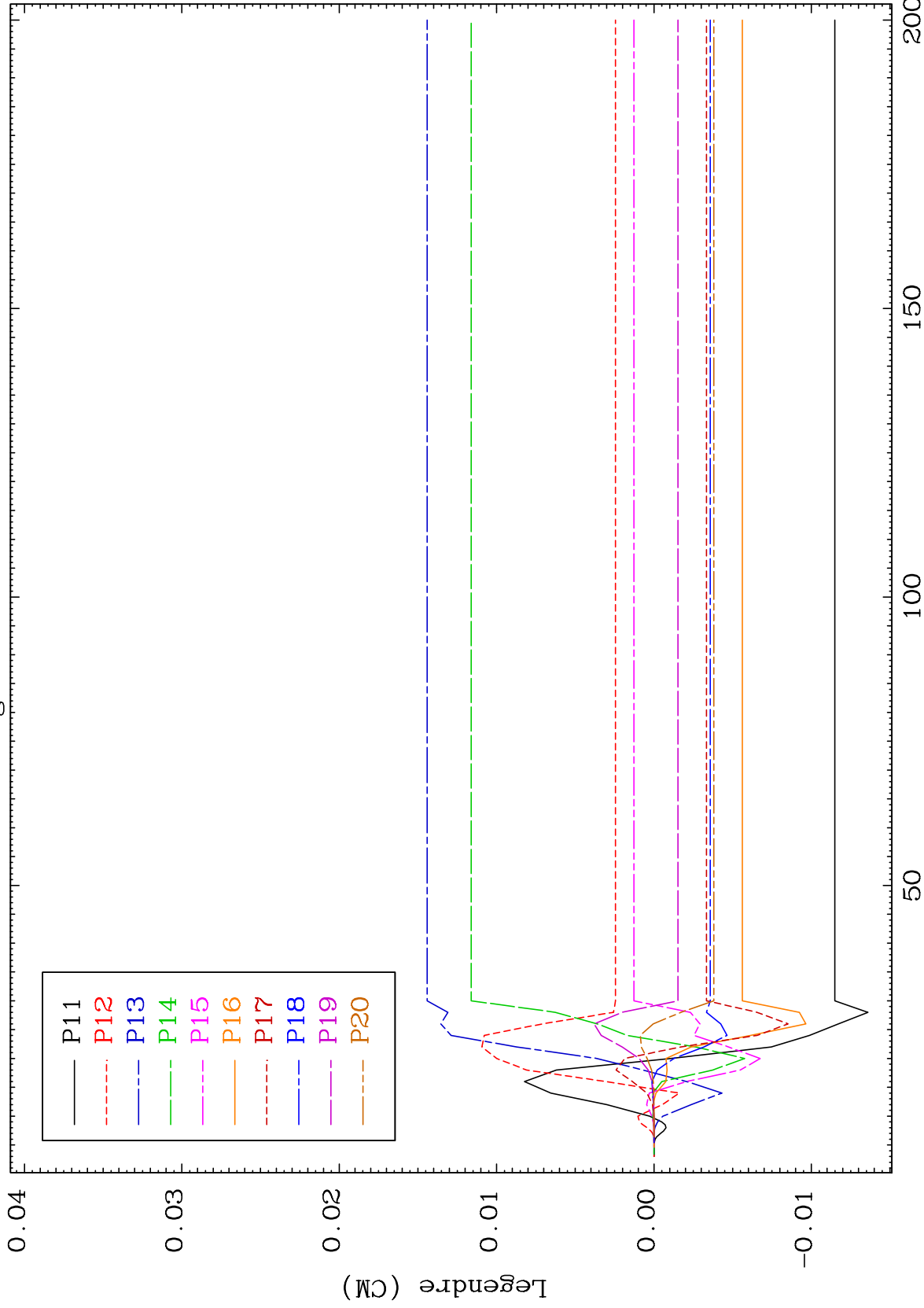
84-Po-208

Incident Energy (MeV)

MAT 8431

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

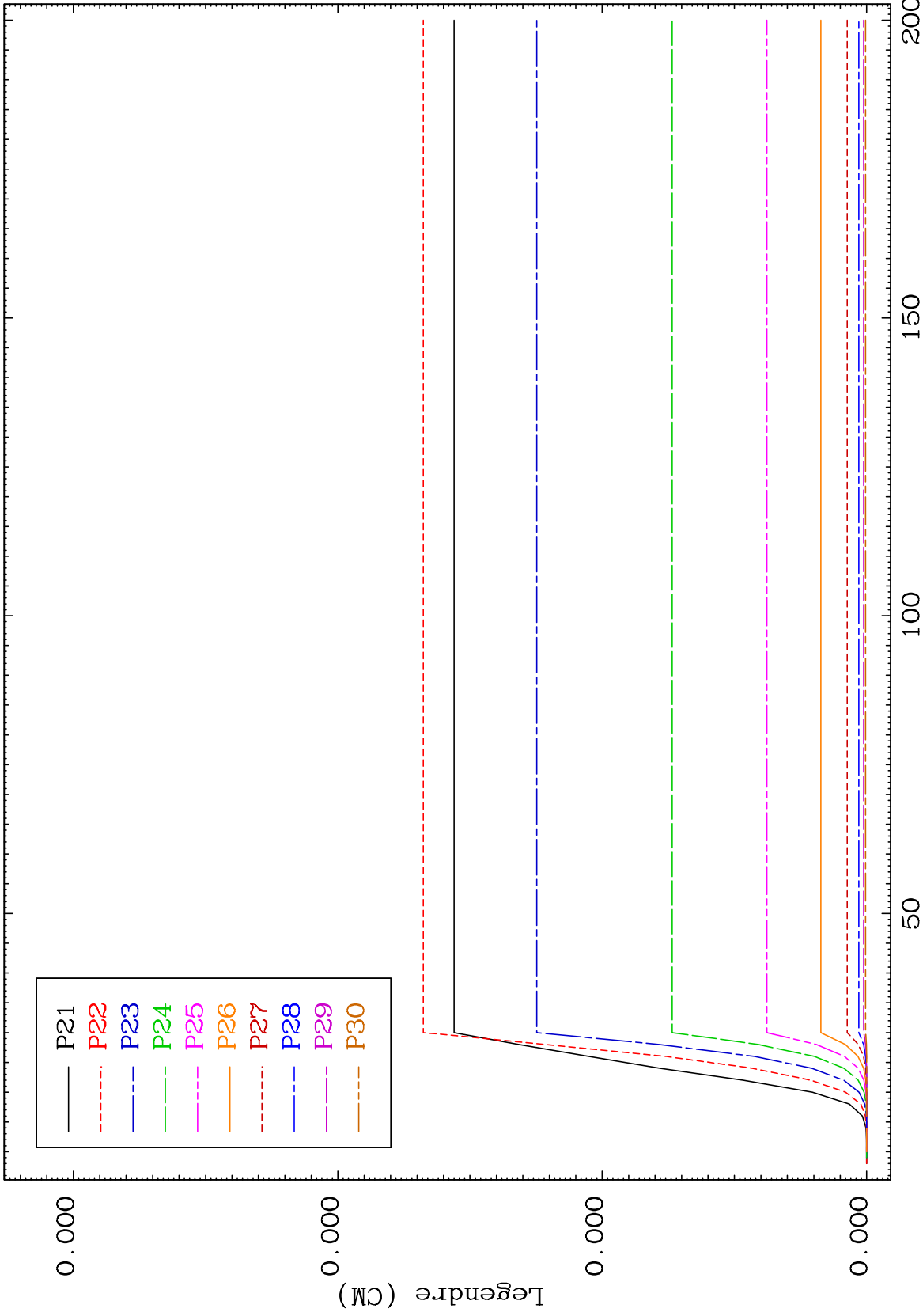
84-Po-208



MAT 8431

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

84-Po-208



52

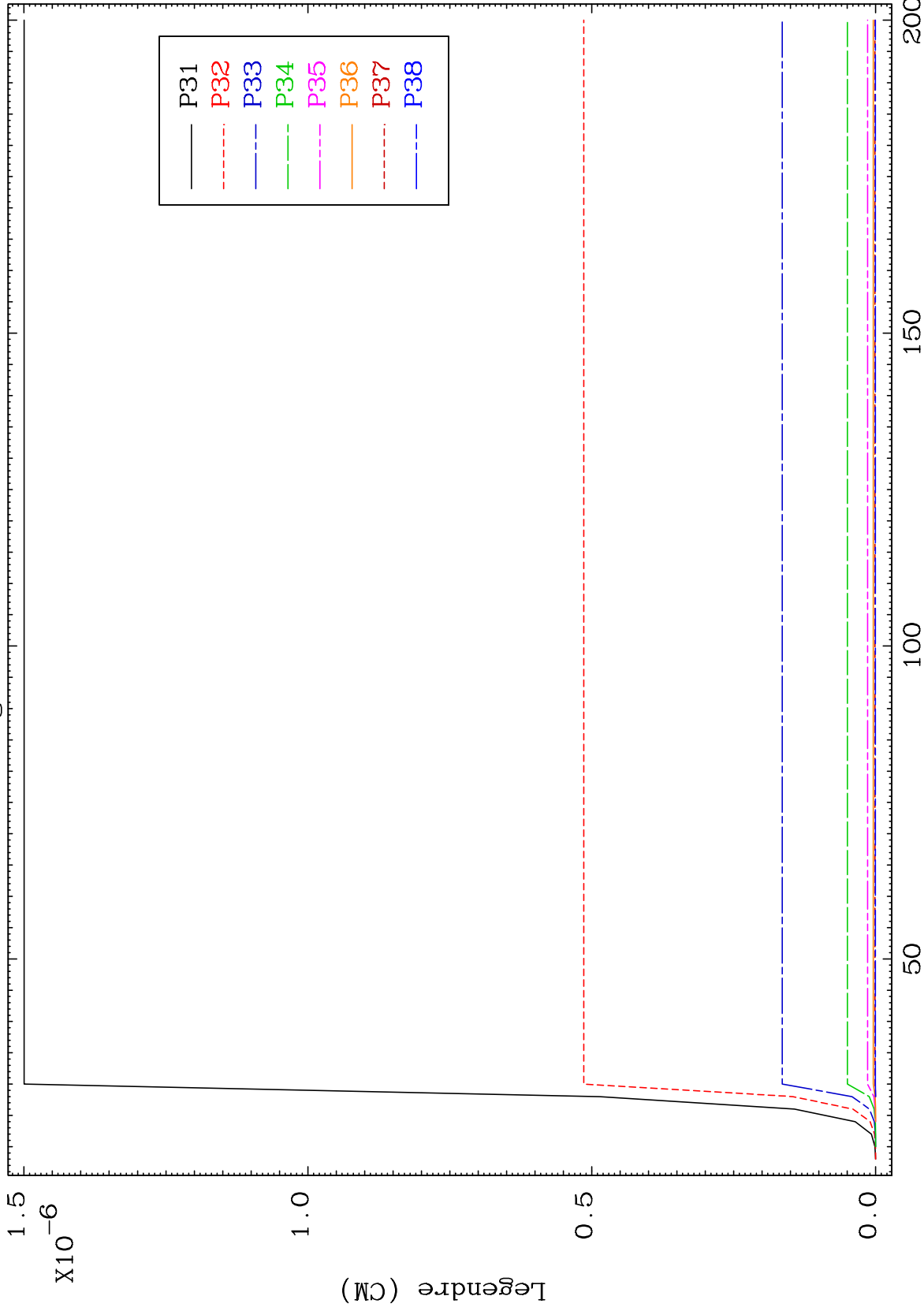
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



53

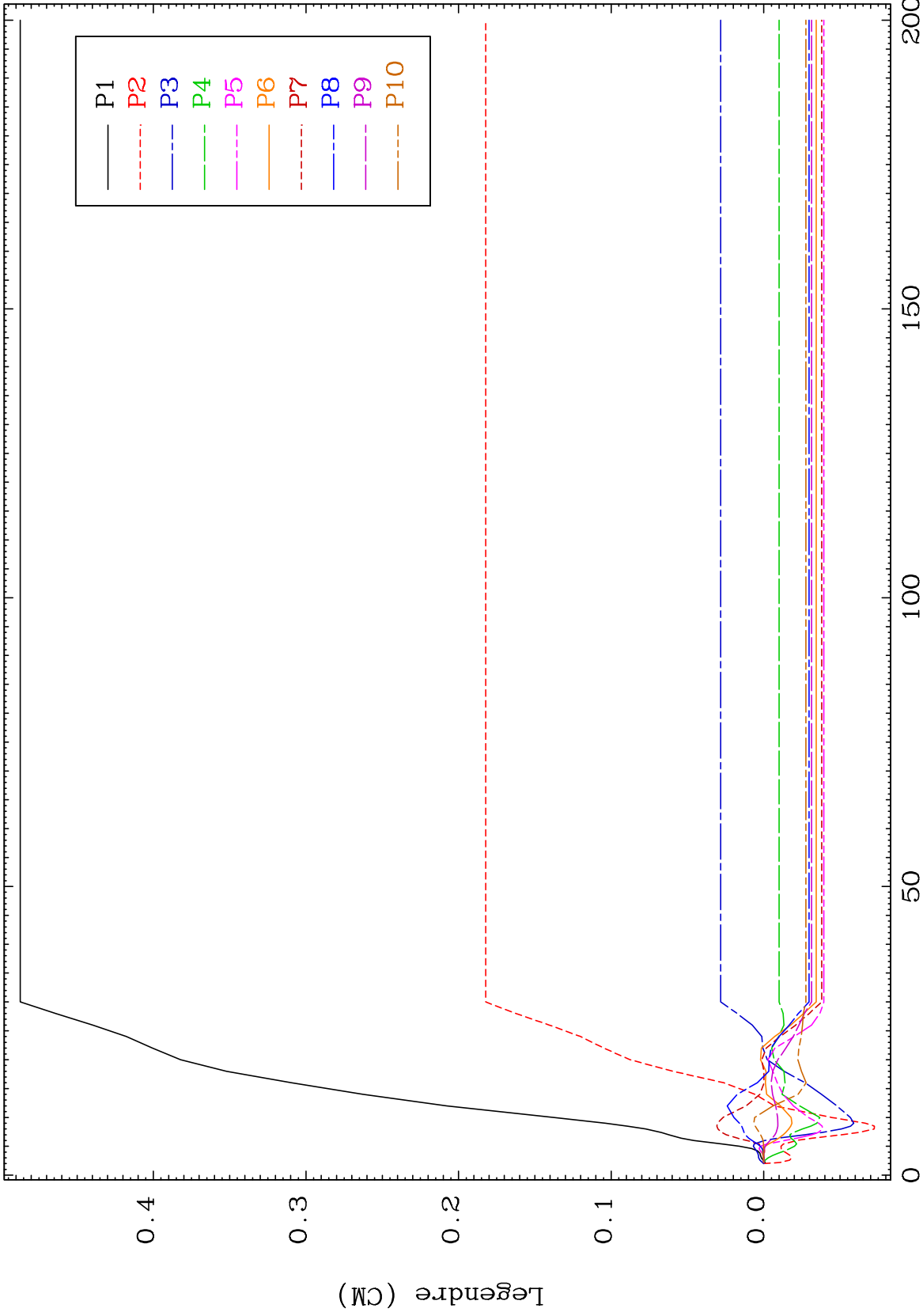
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



54

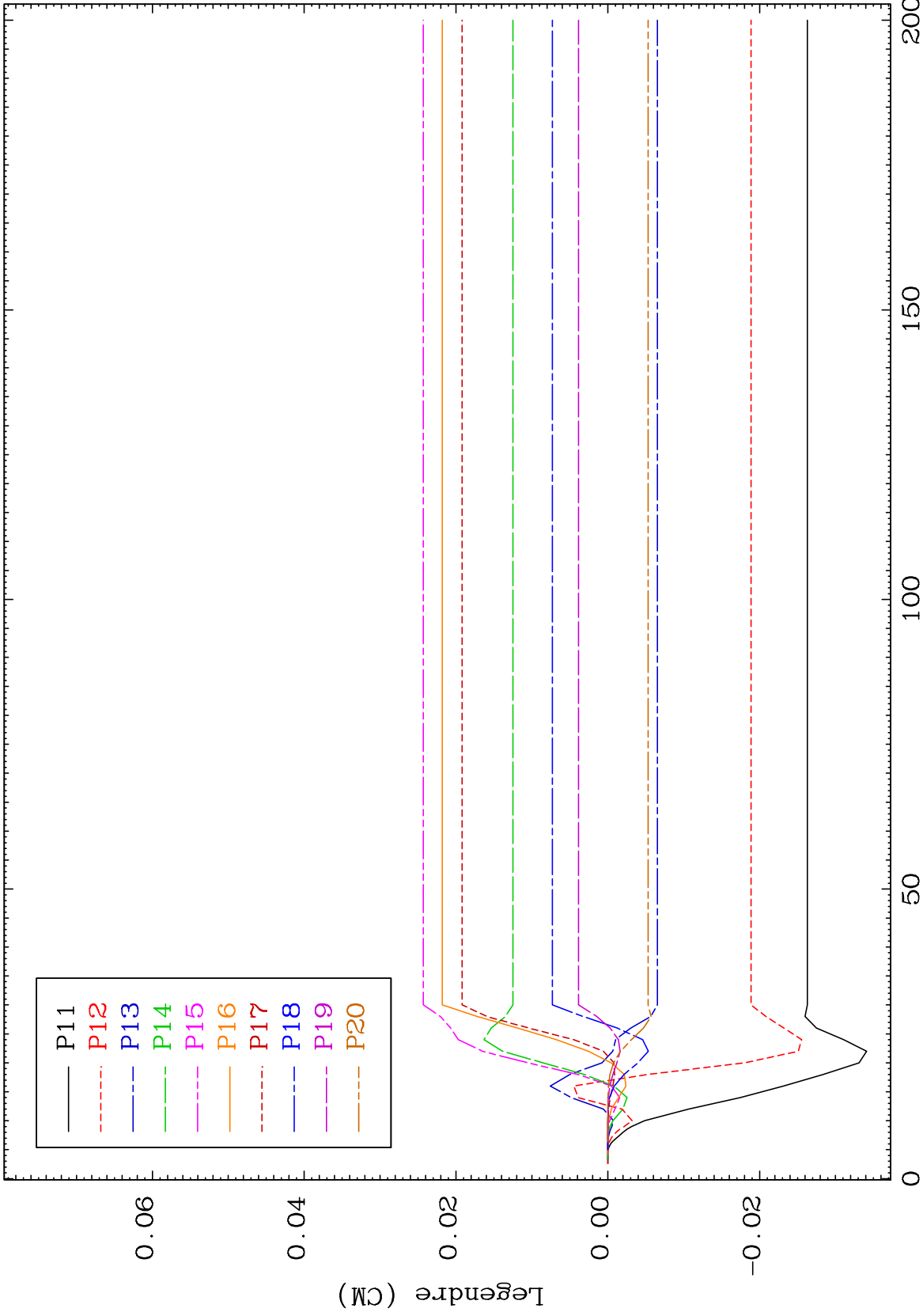
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



55

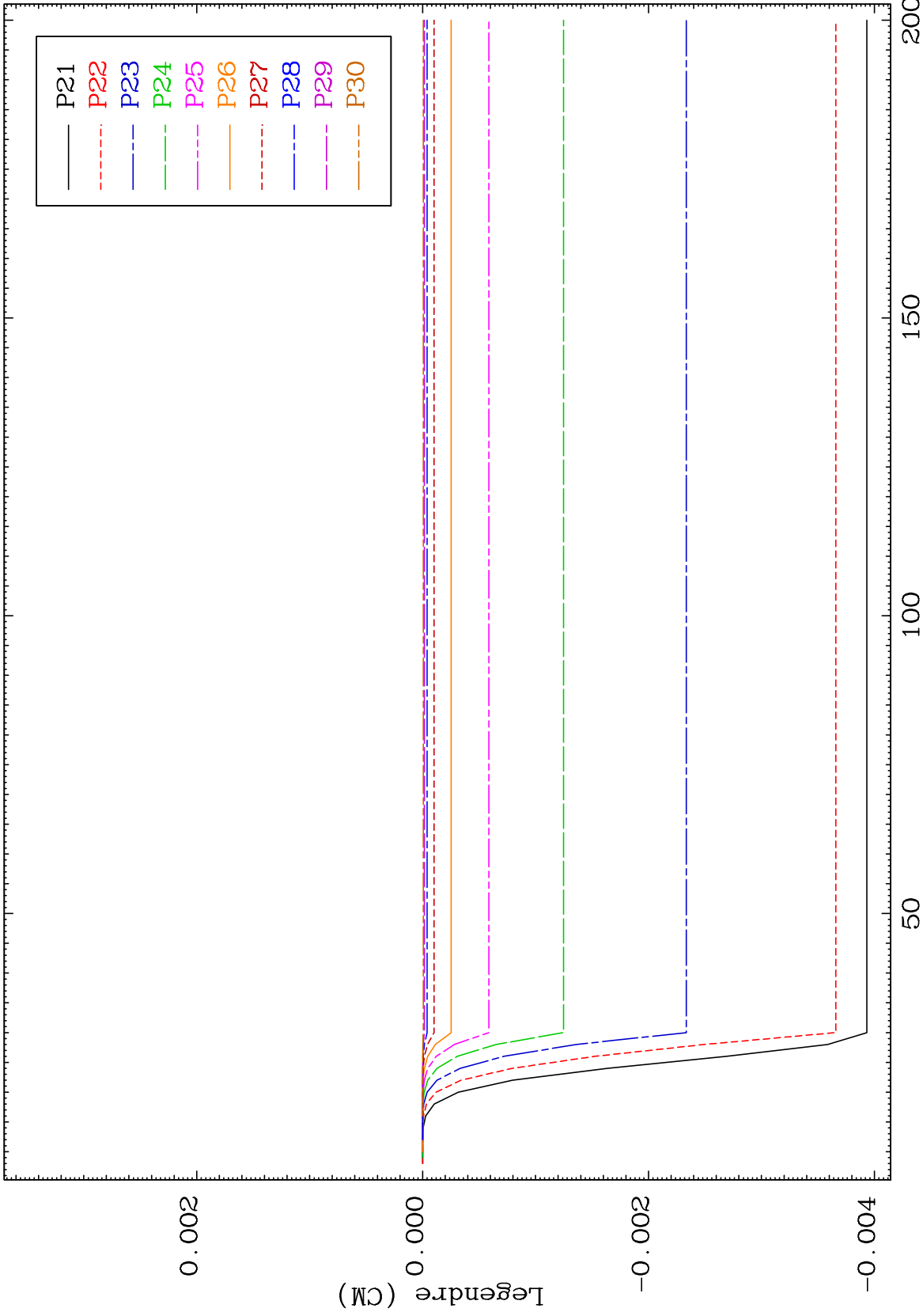
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



56

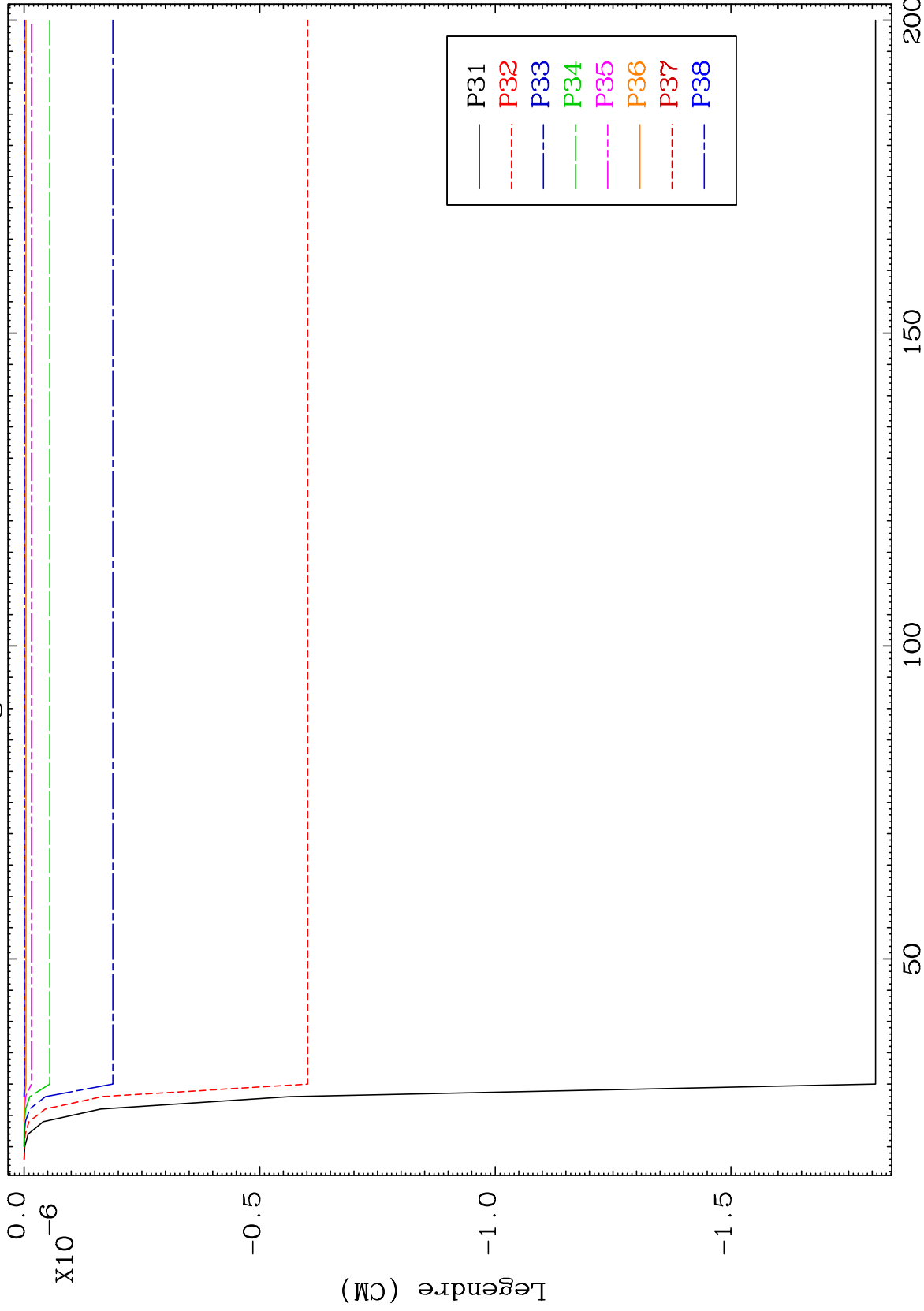
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



84-Po-208

Incident Energy (MeV)

57

MAT 8431

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

84-Po-208



58

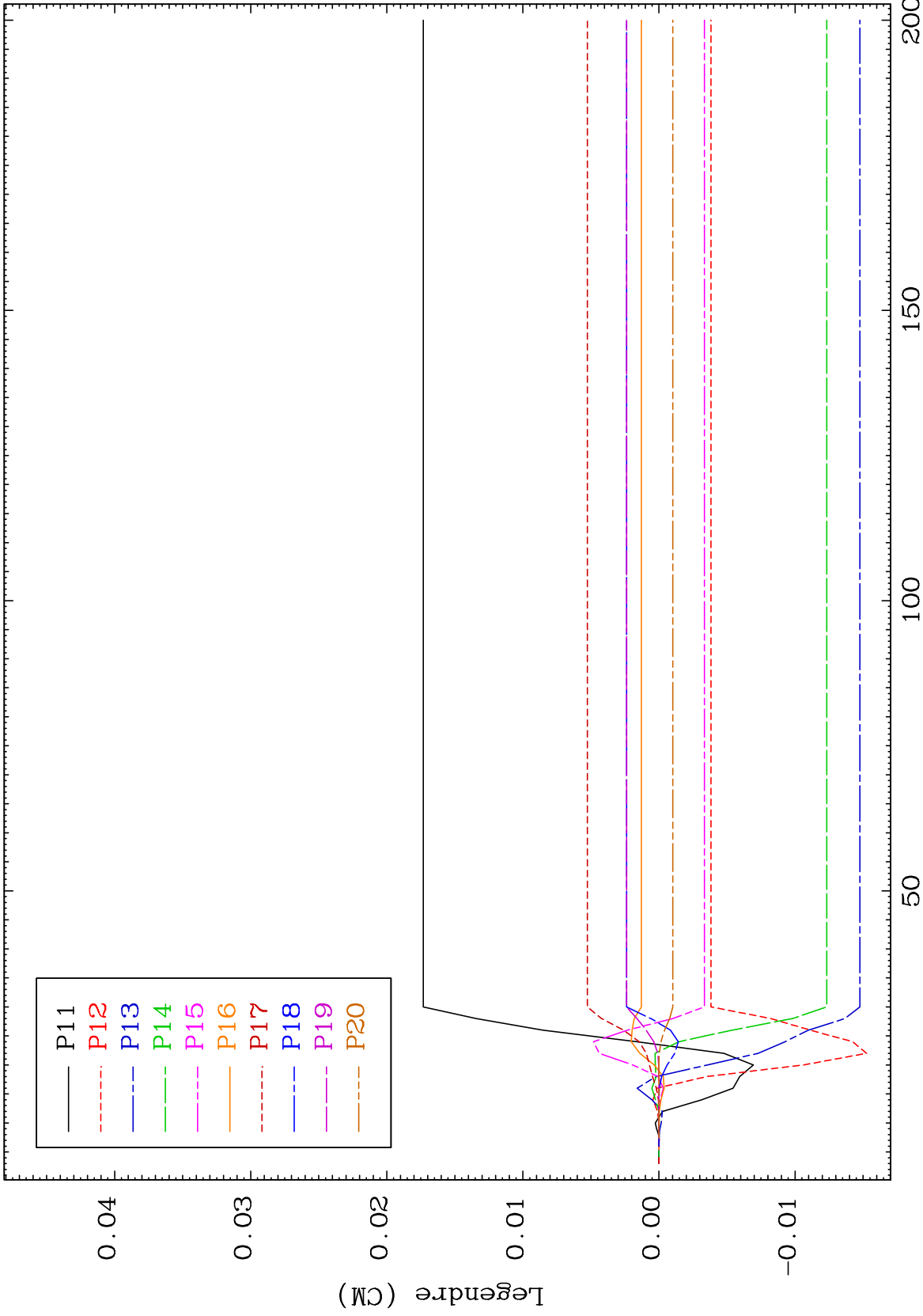
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



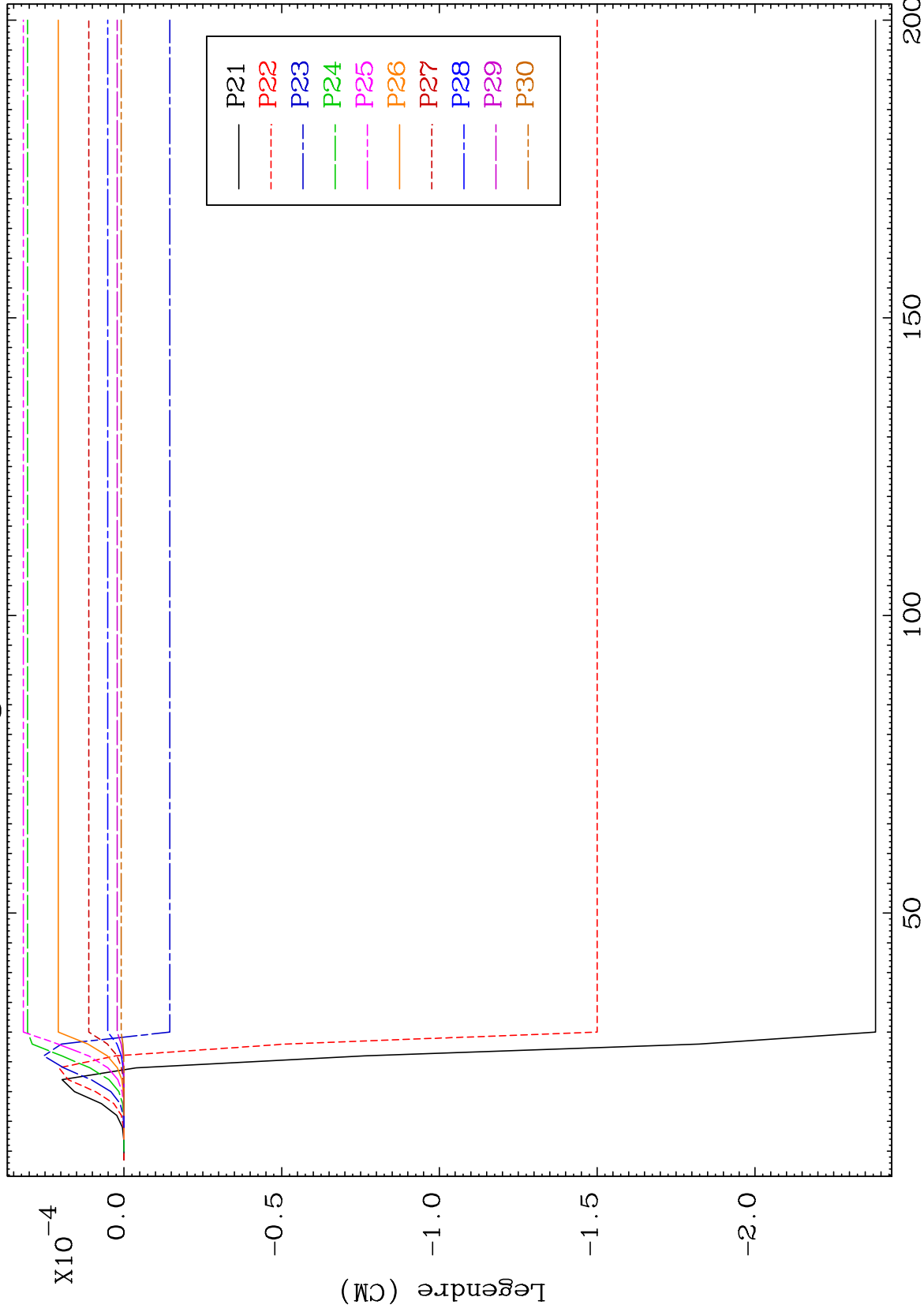
59

84-Po-208

MAT 8431

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

84-Po-208



60

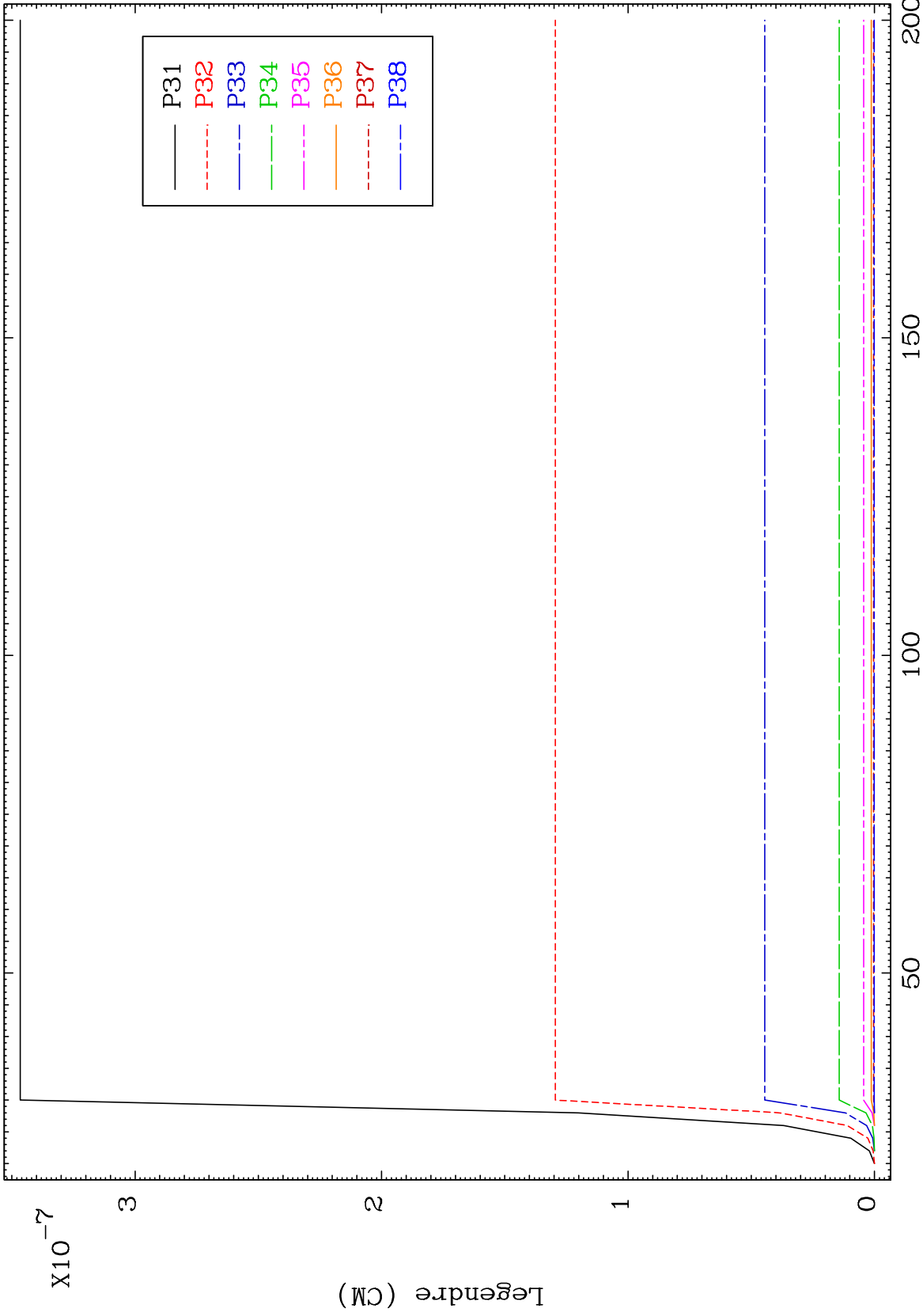
Incident Energy (MeV)

84-Po-208

MAT 8431

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

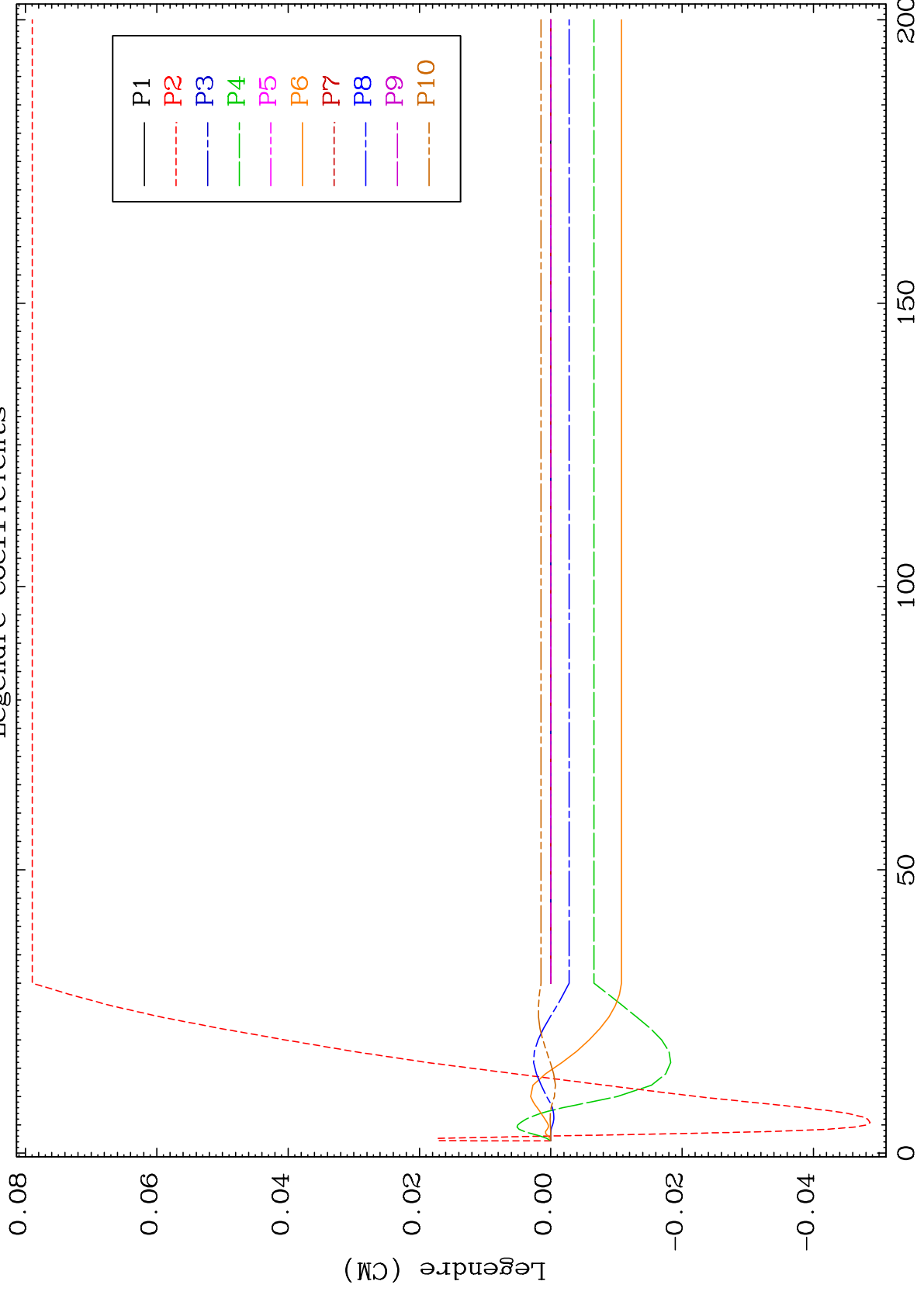
84-Po-208



61

84-Po-208

MAT 8431 MT= 62 (n,n') Level Legendre Coefficients 84-Po-208

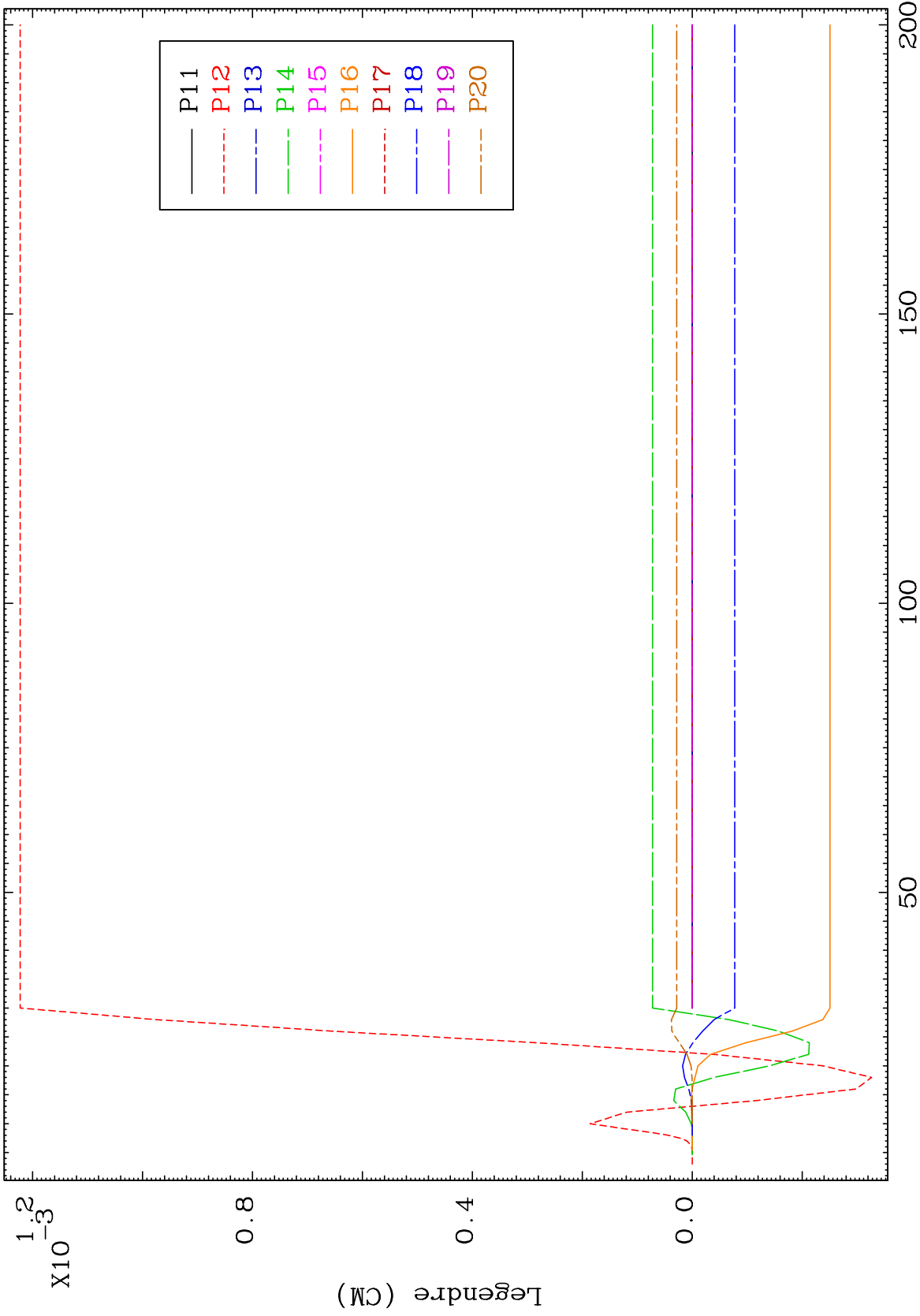


62 84-Po-208

MAT 8431

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

84-Po-208



63

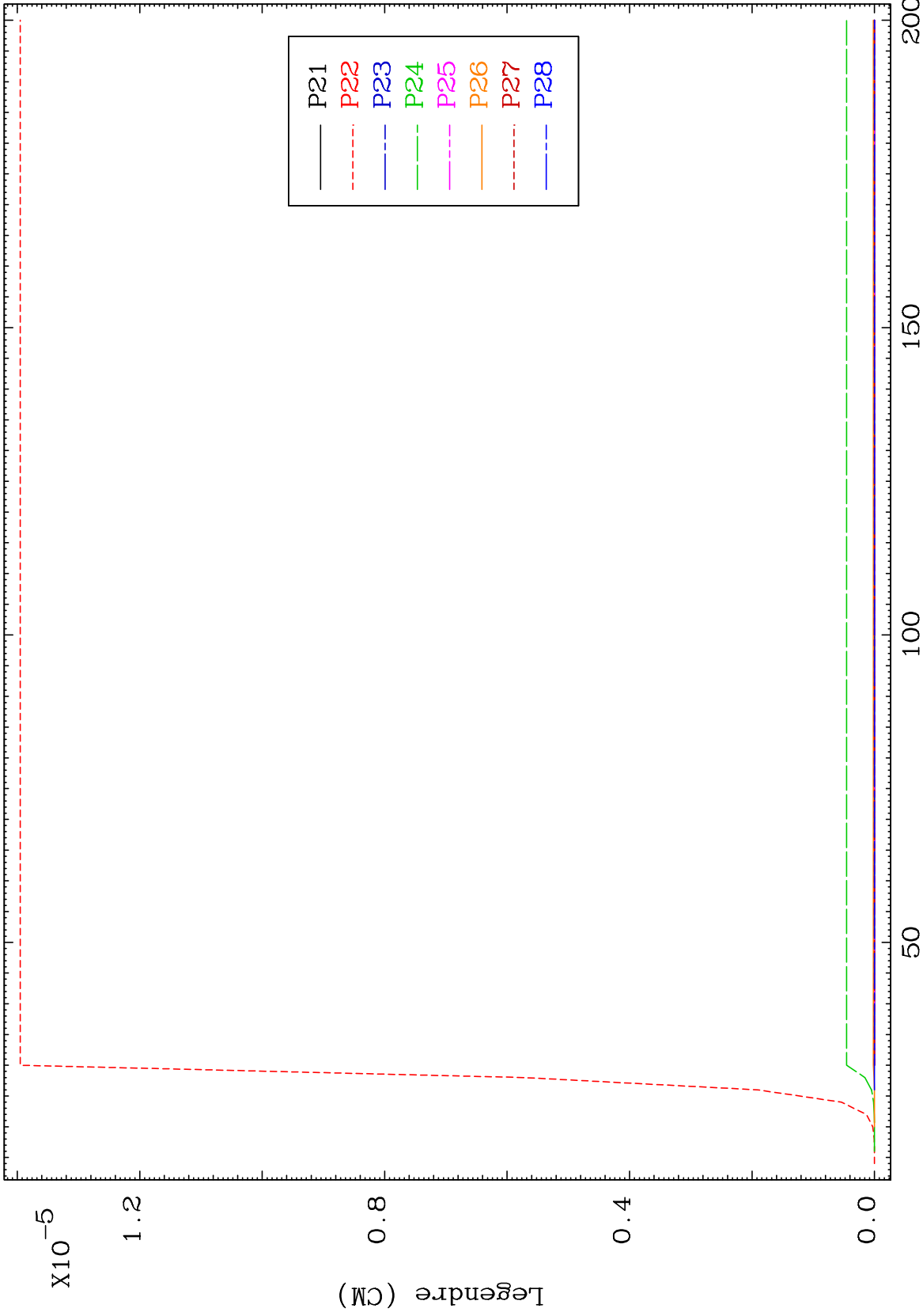
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



64

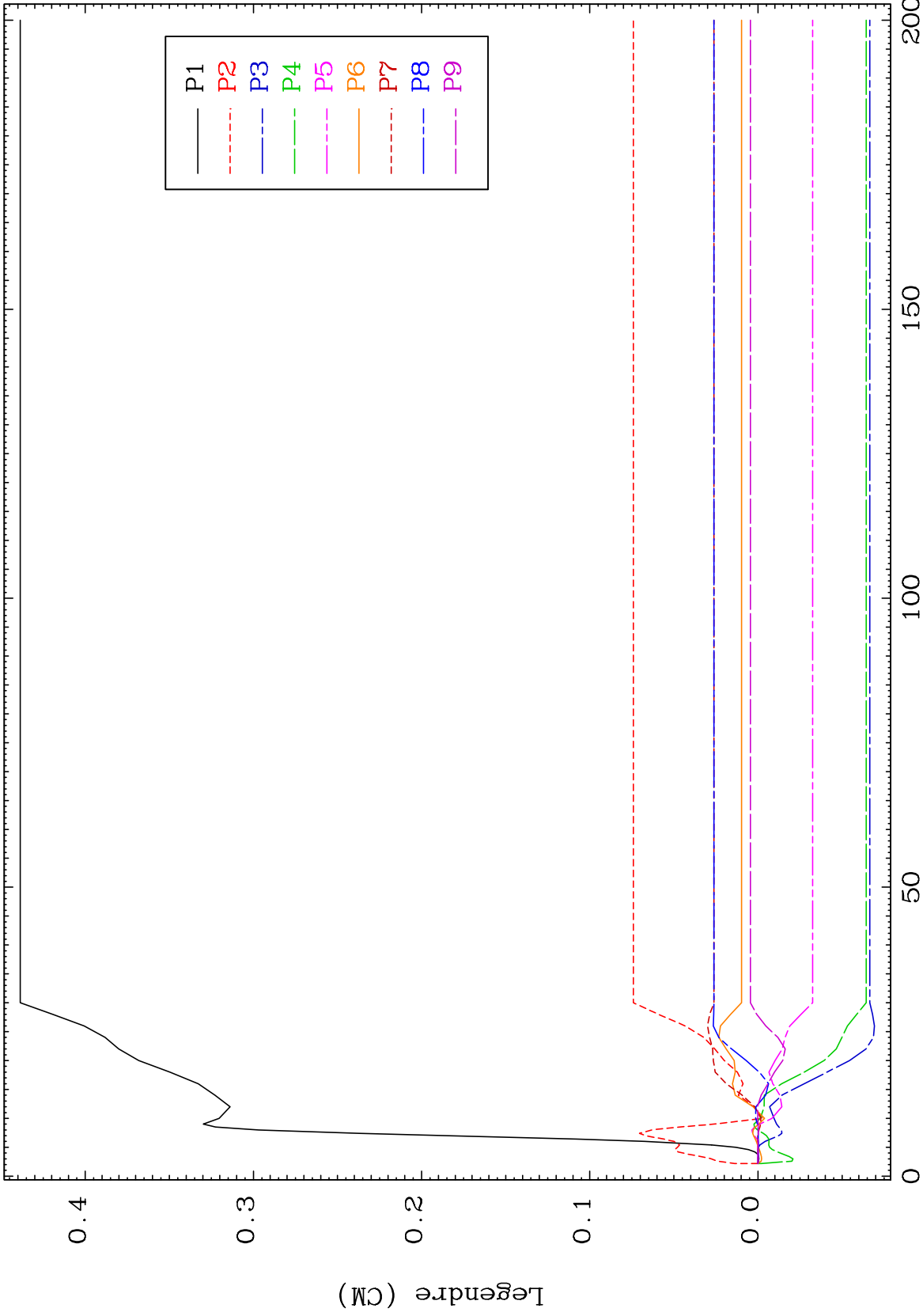
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



65

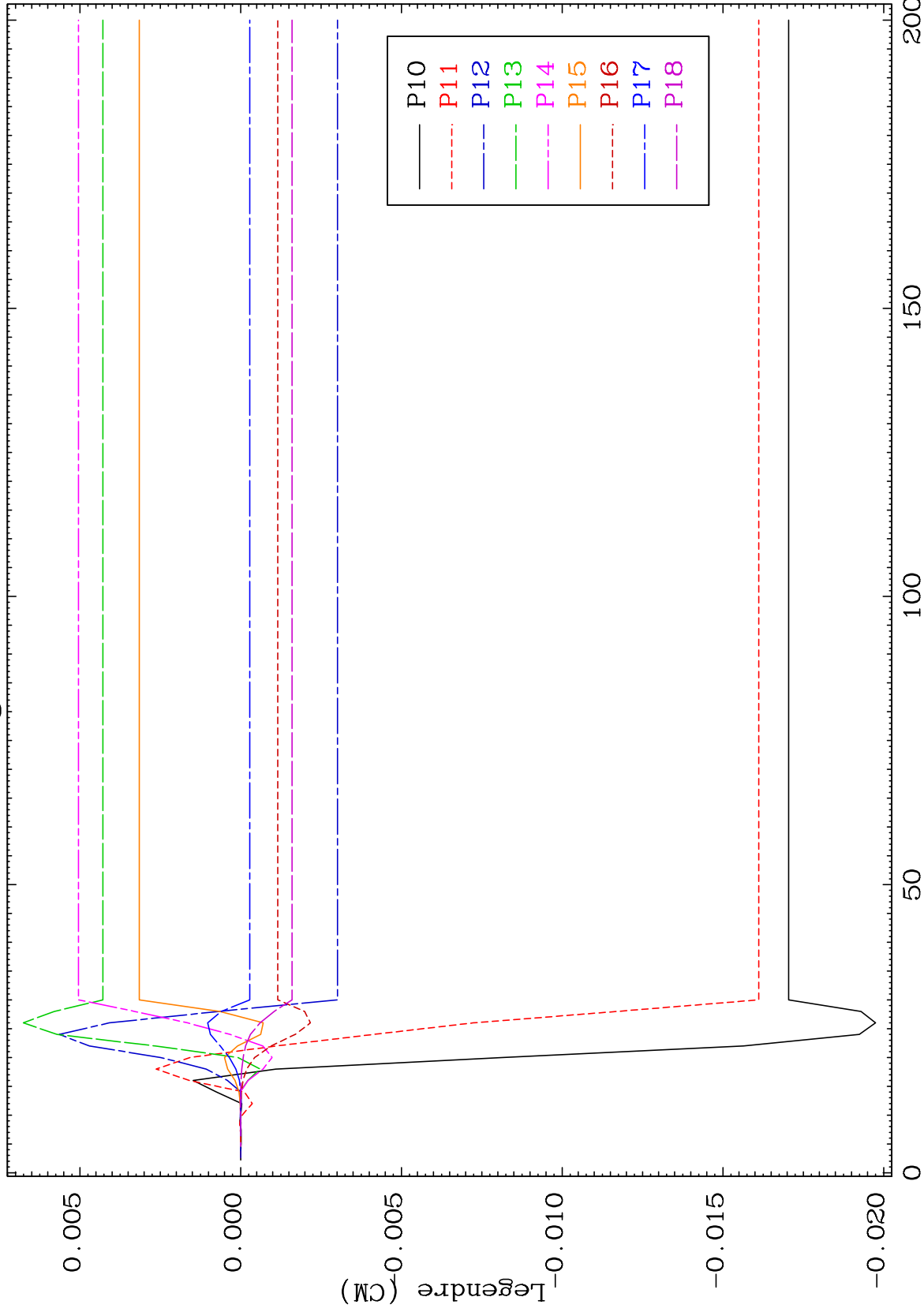
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



66

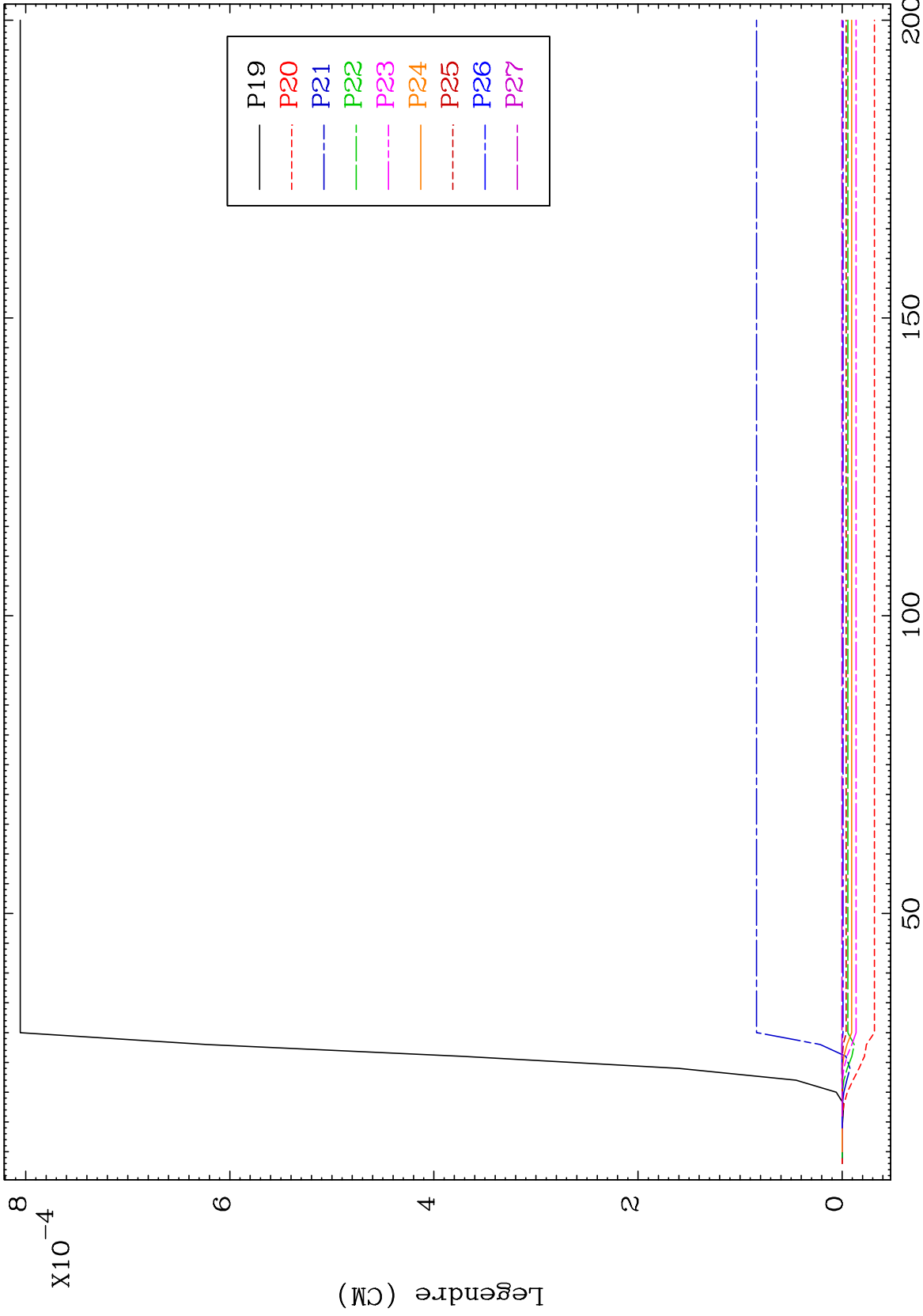
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



67

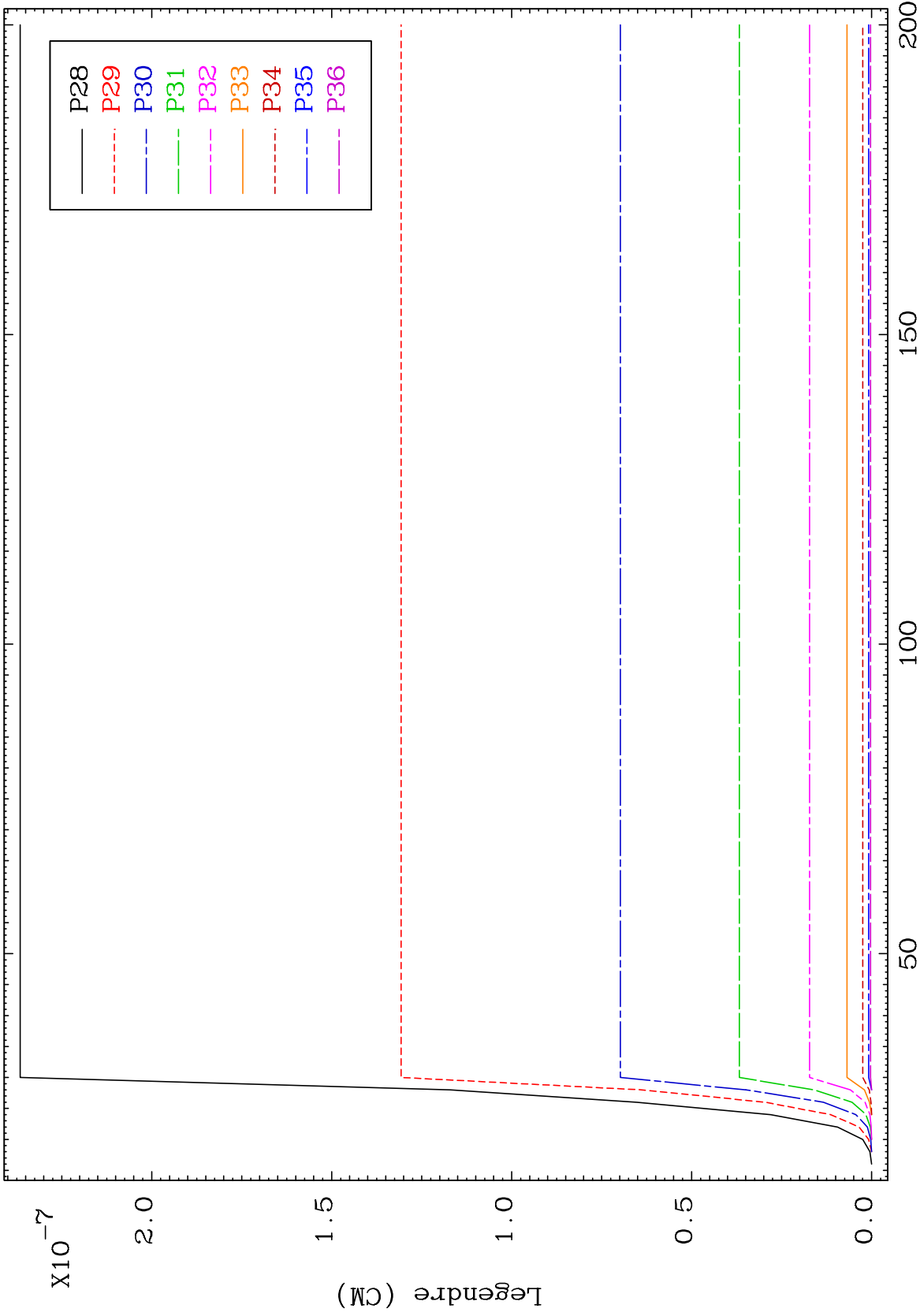
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



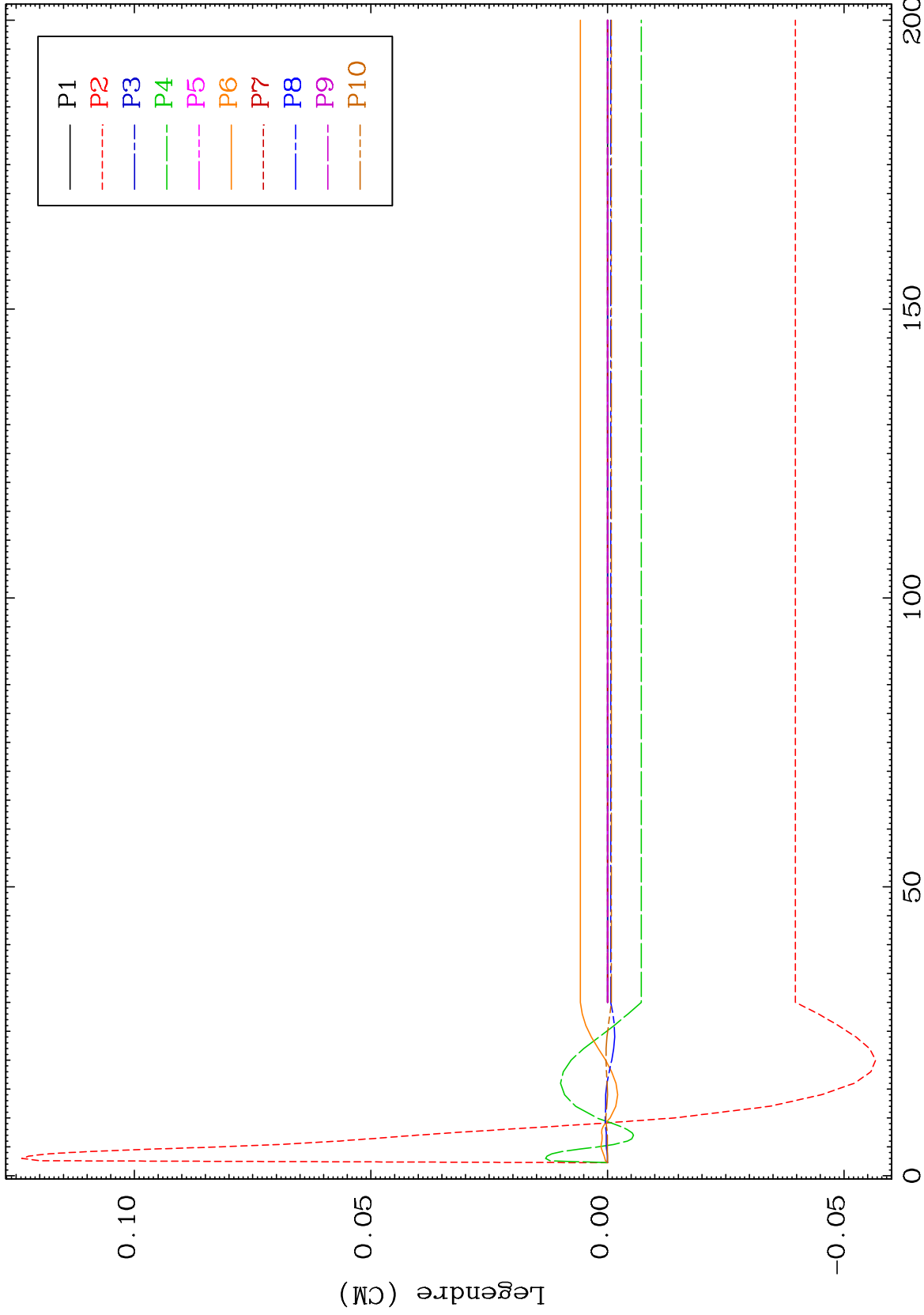
68

84-Po-208

MAT 8431

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

84-Po-208



69

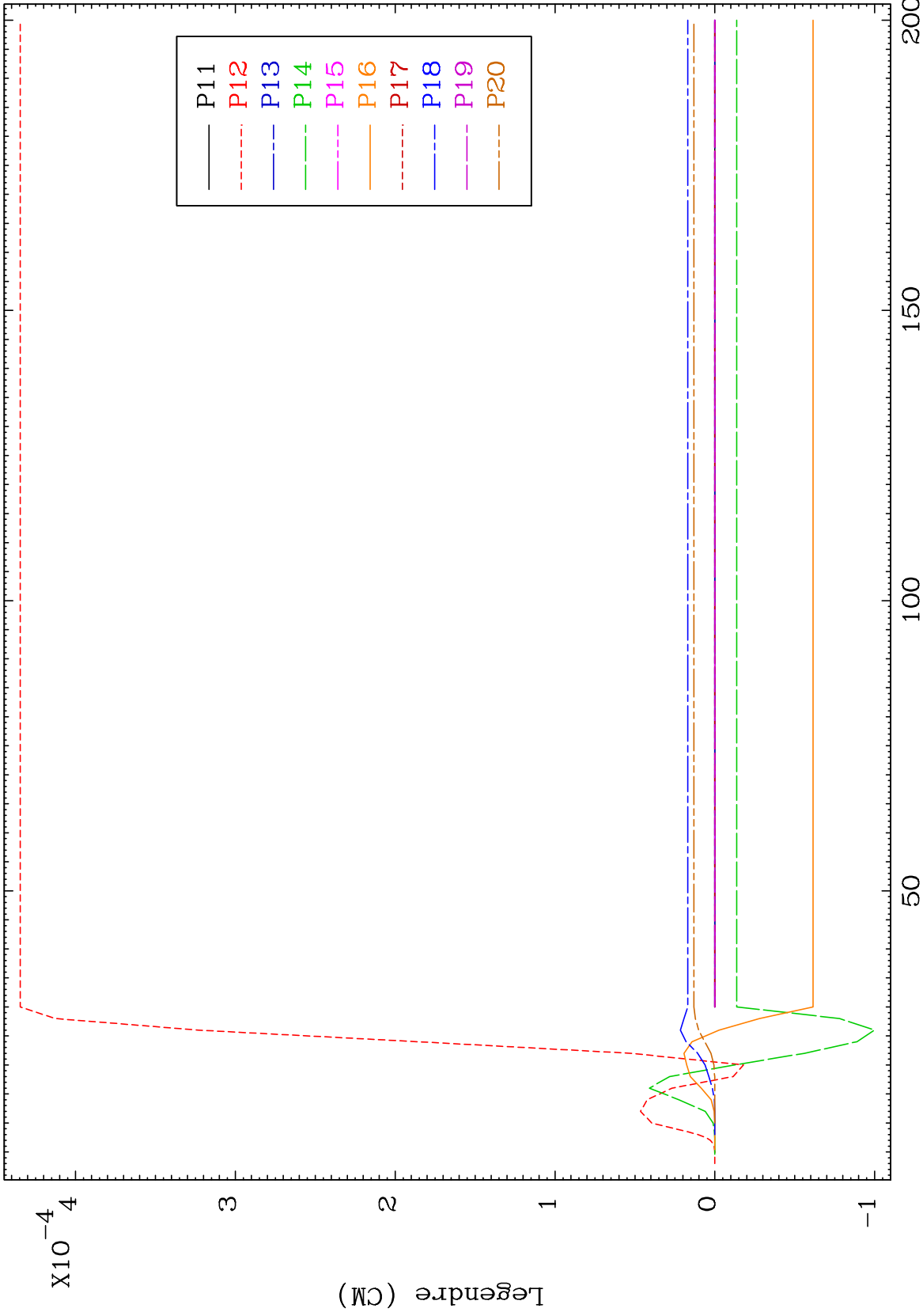
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



70

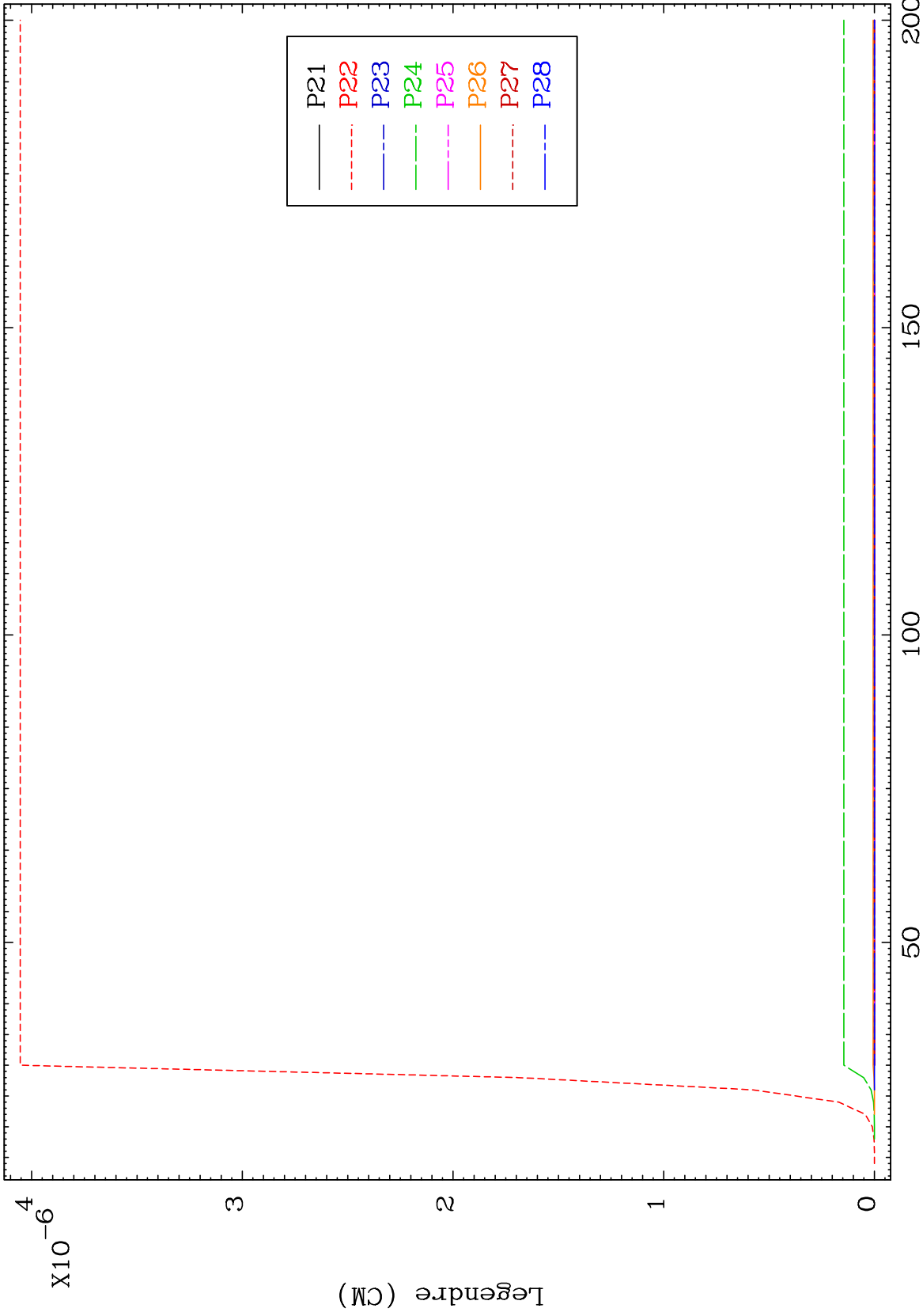
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



71

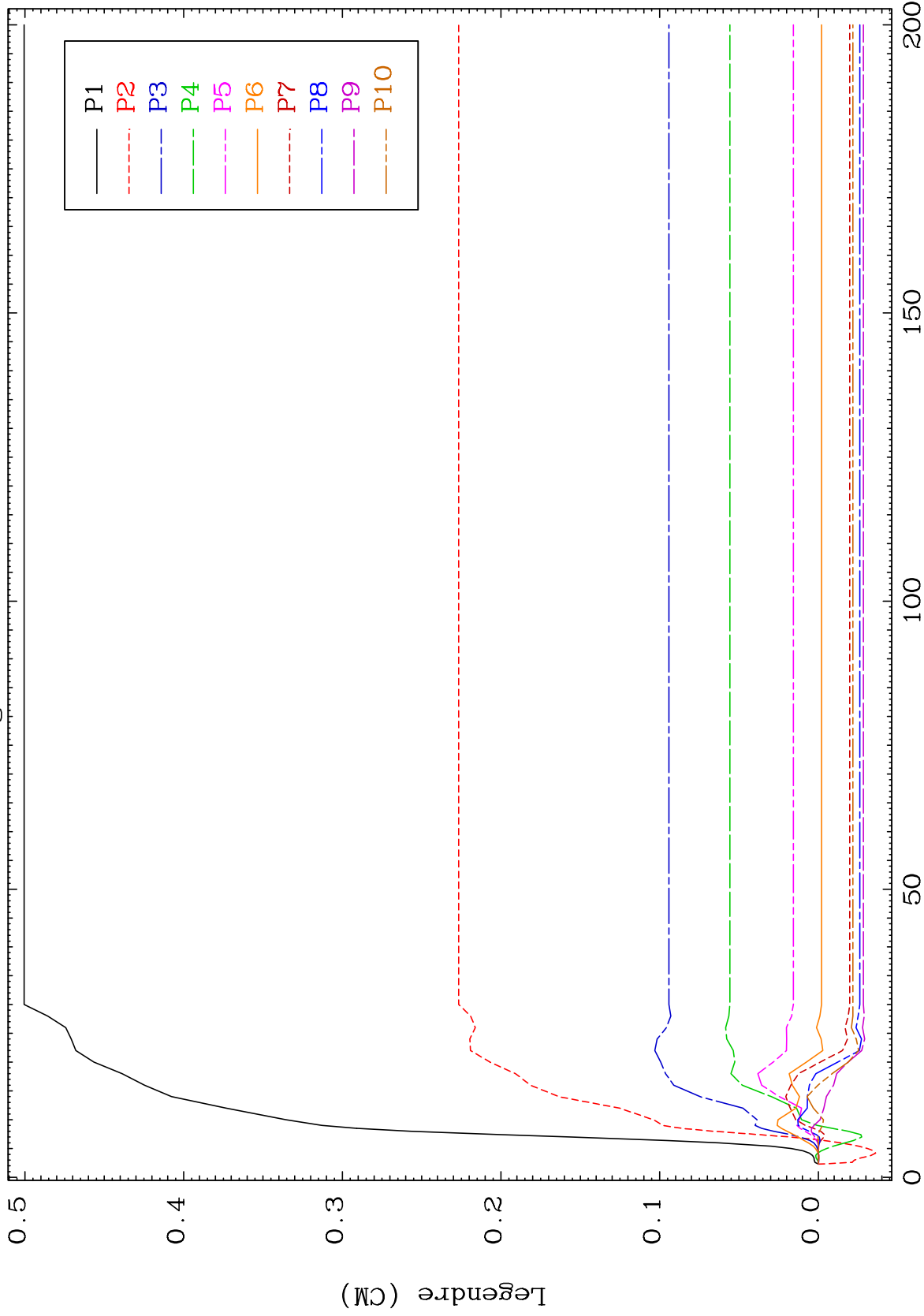
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



72

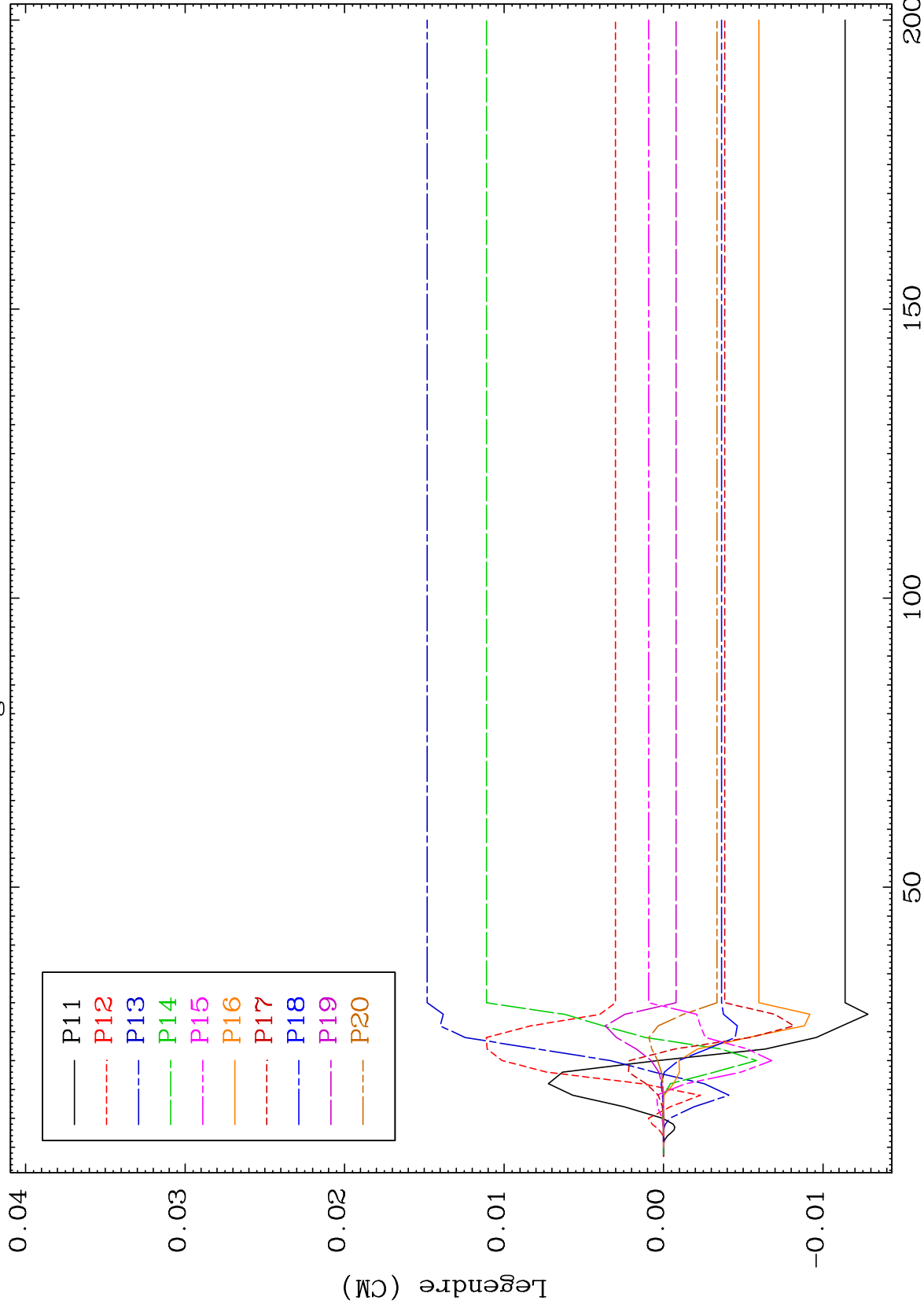
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



73

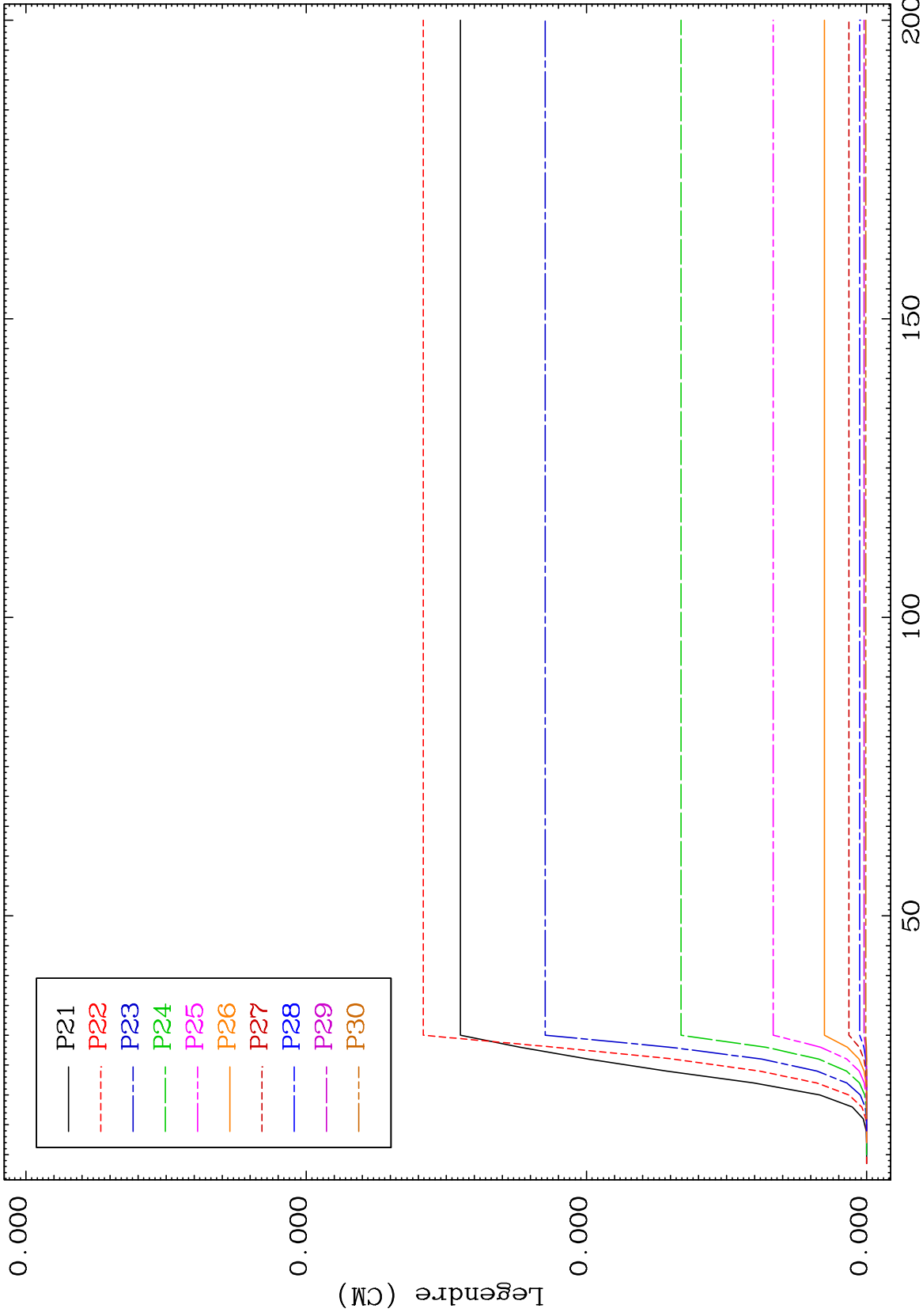
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



74

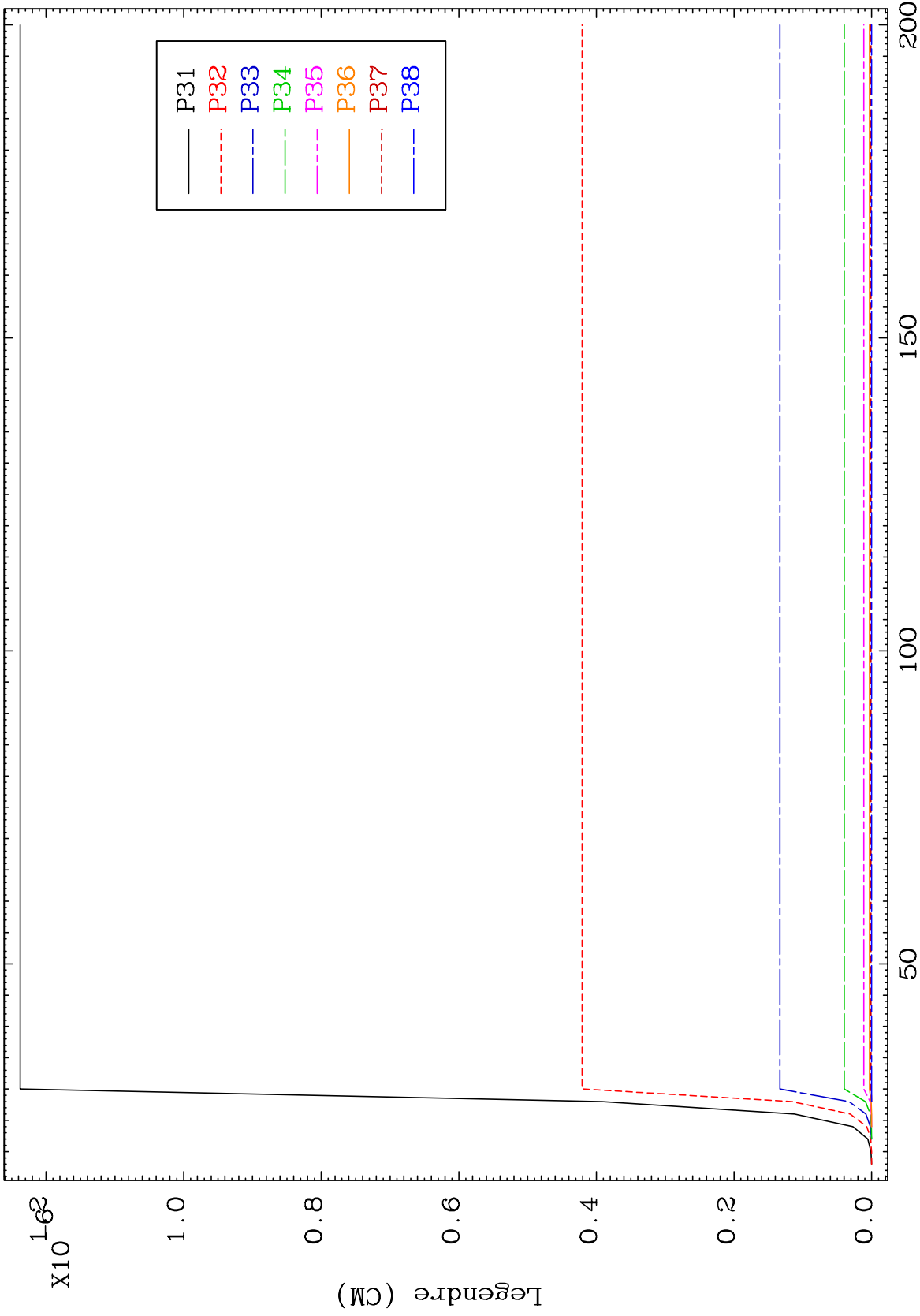
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



75

Incident Energy (MeV)

150

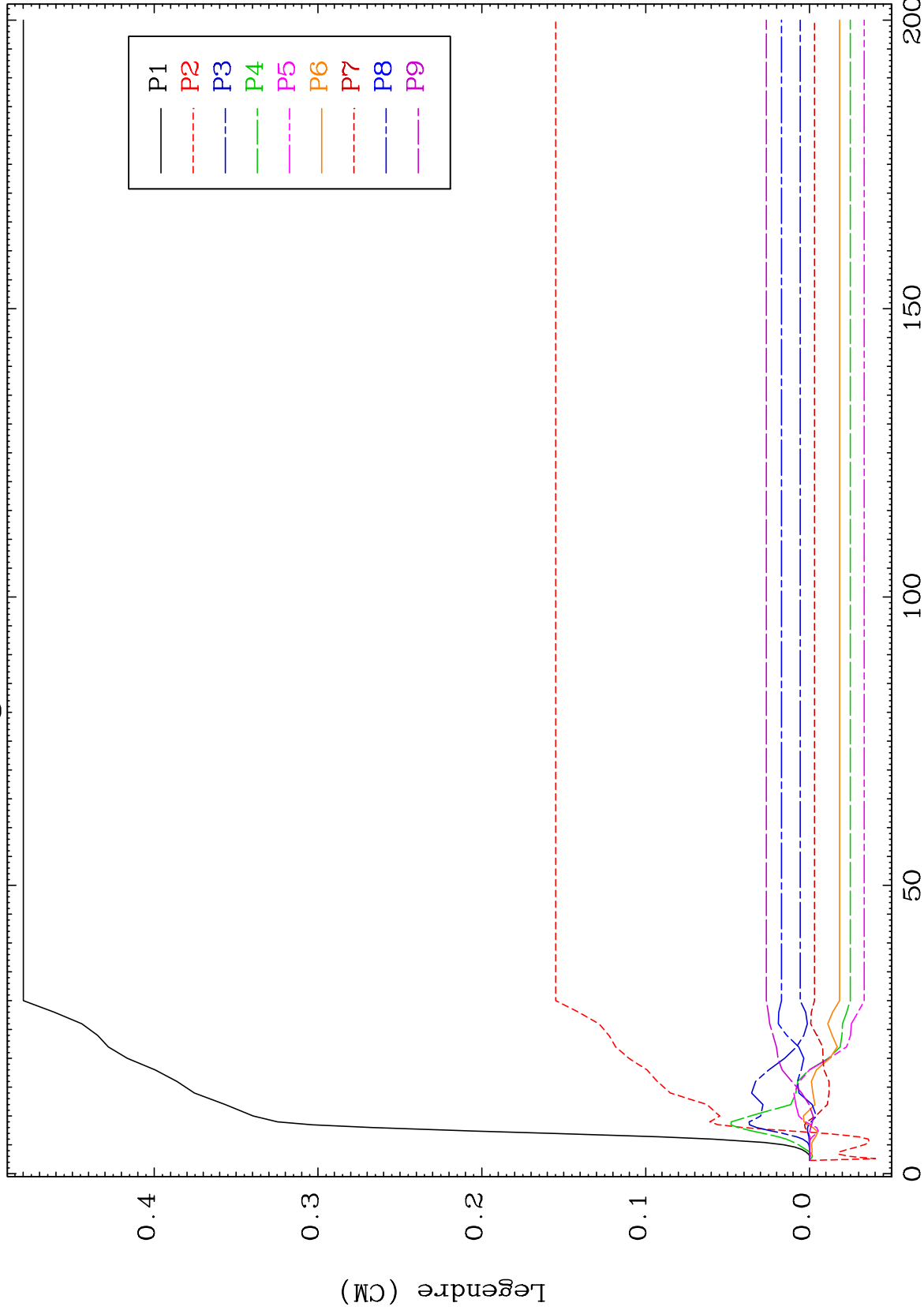
200

84-Po-208

MAT 8431

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

84-Po-208



76

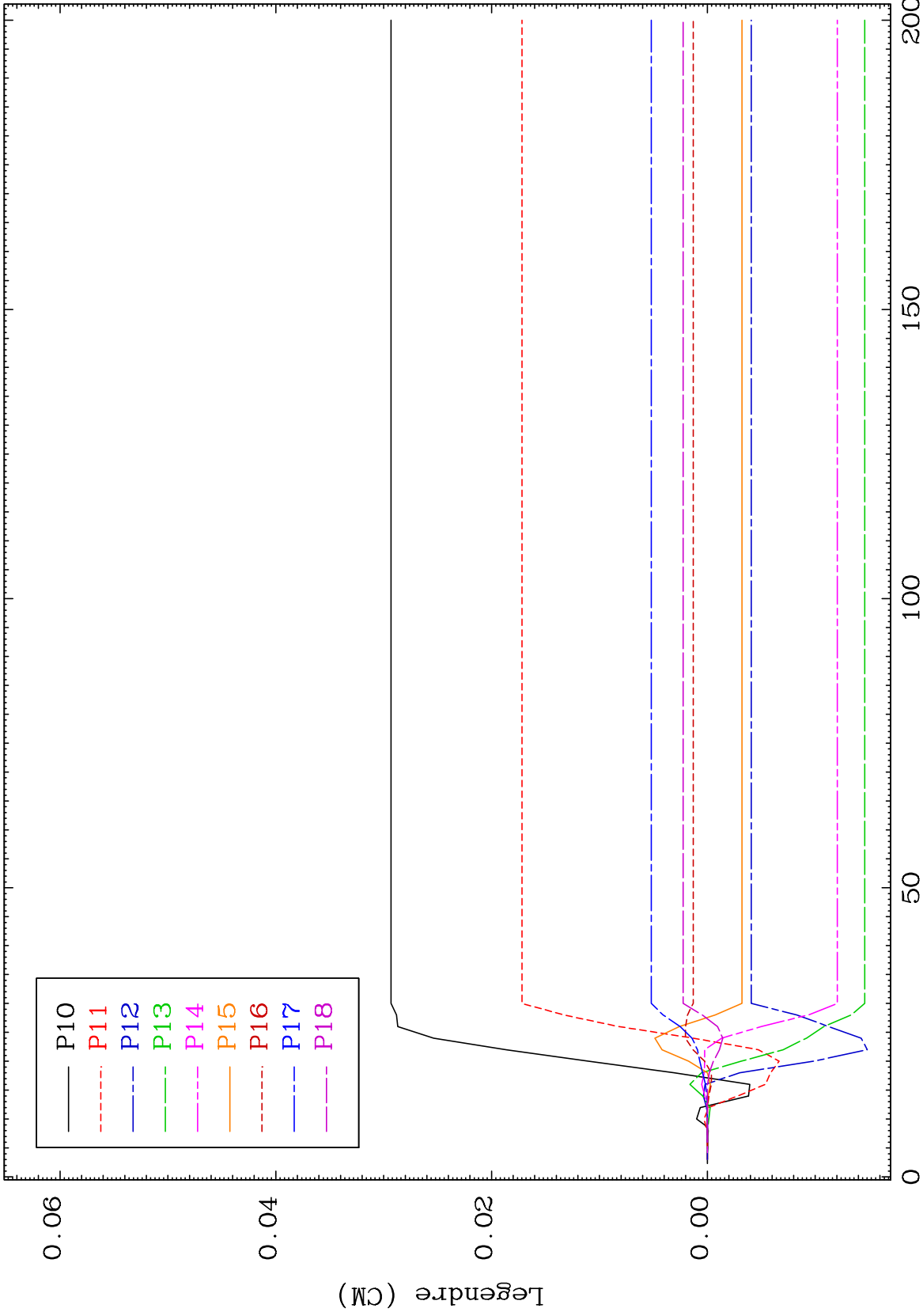
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



77

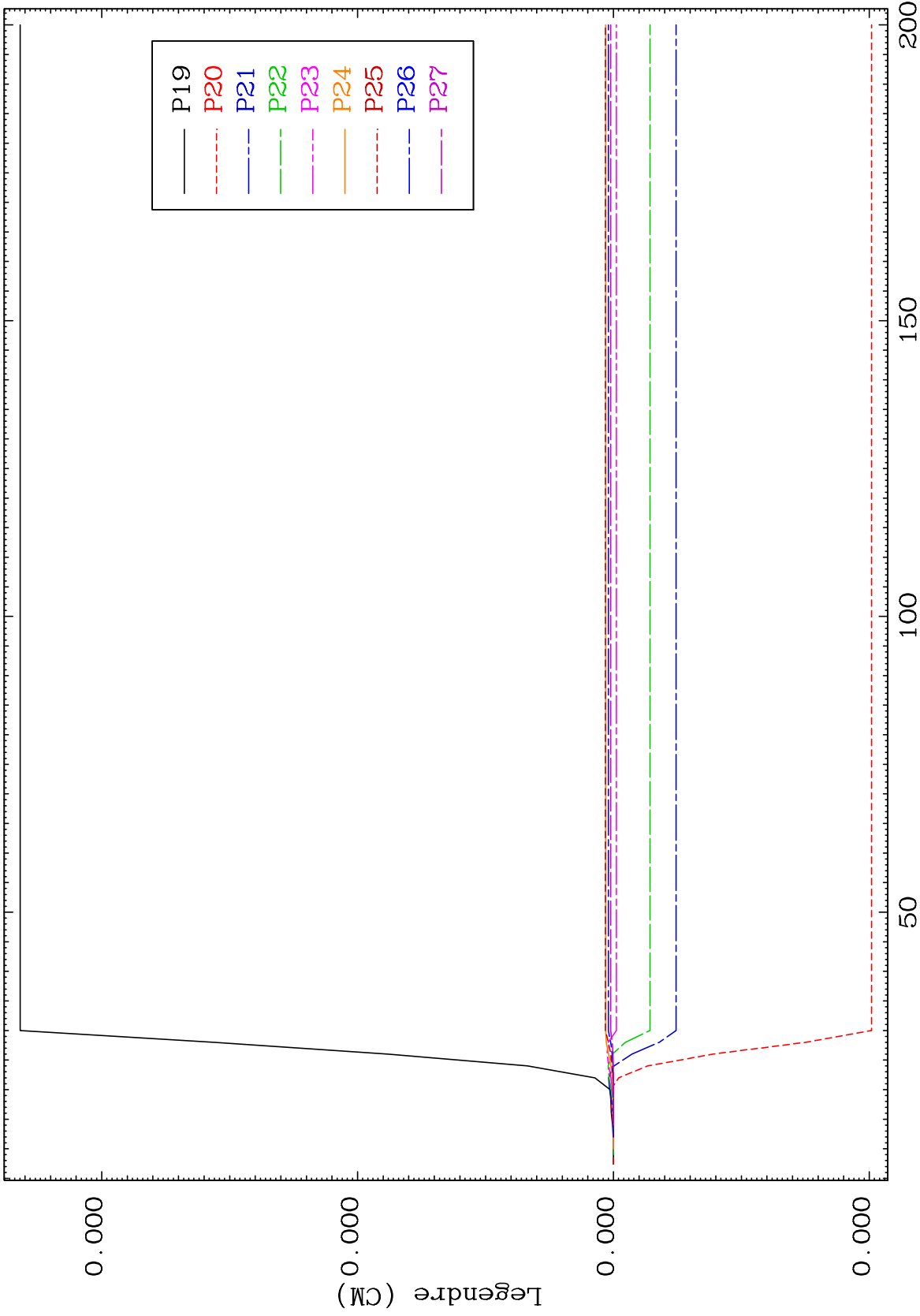
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



78

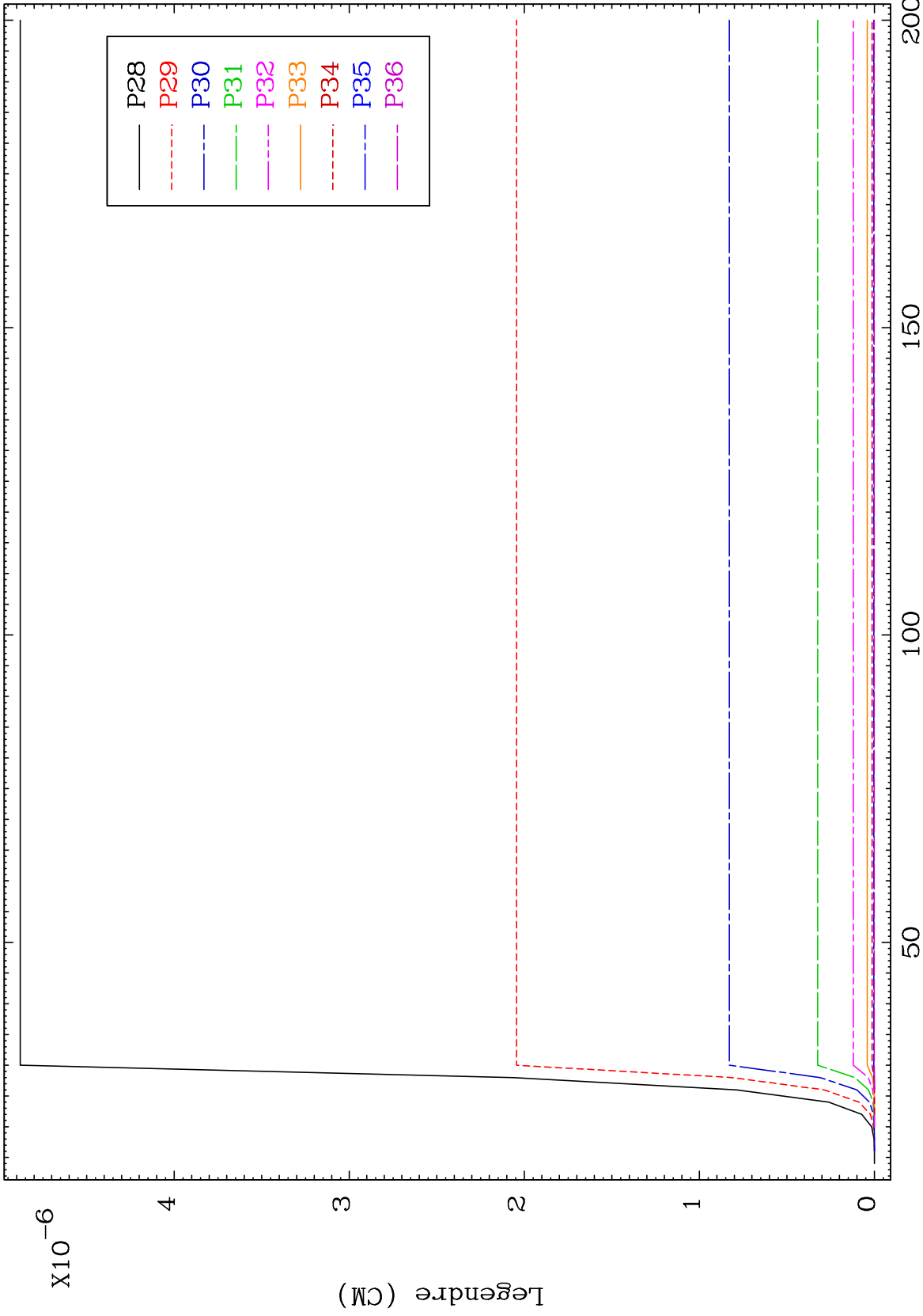
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



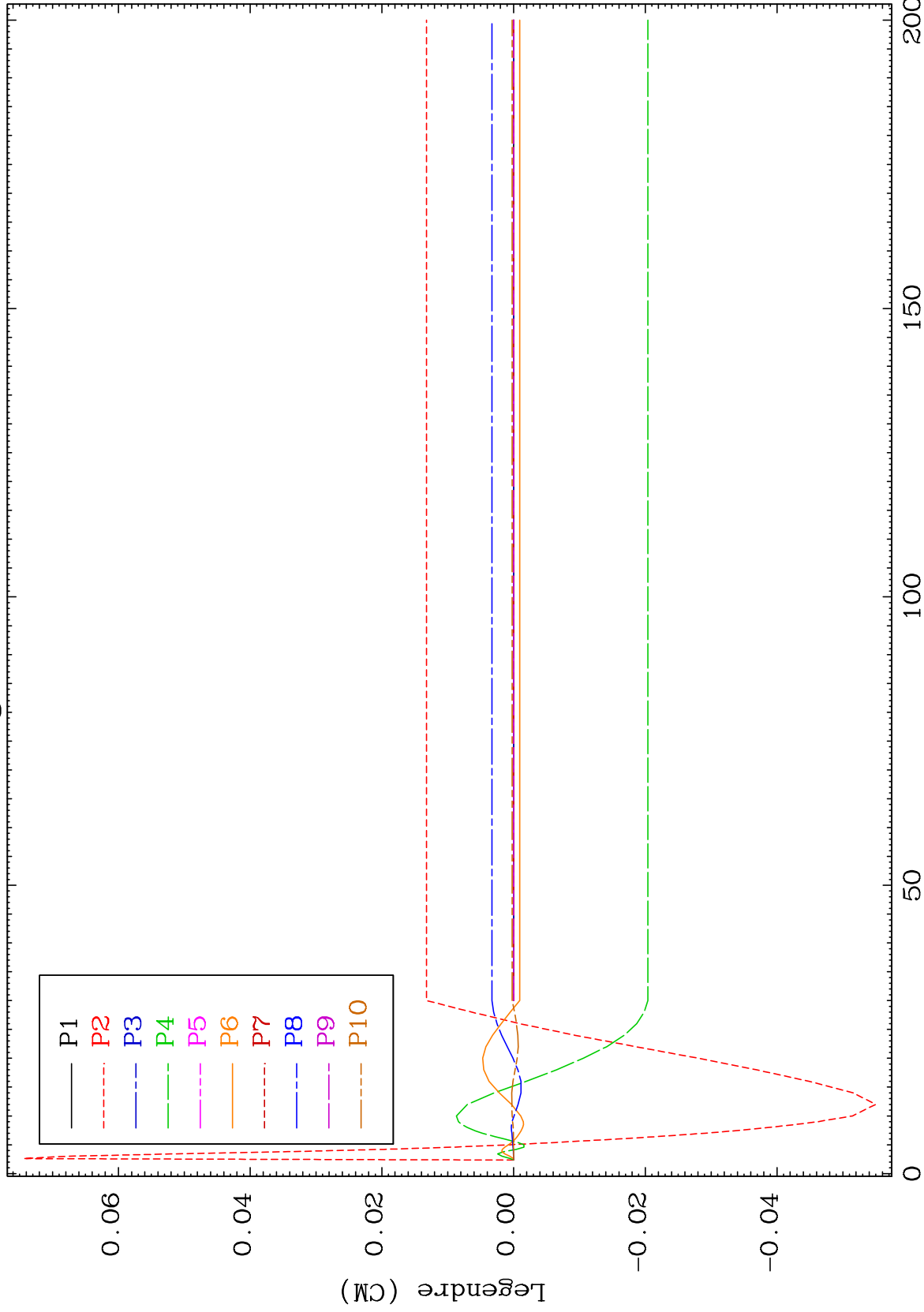
79

84-Po-208

MAT 8431

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

84-Po-208



84-Po-208

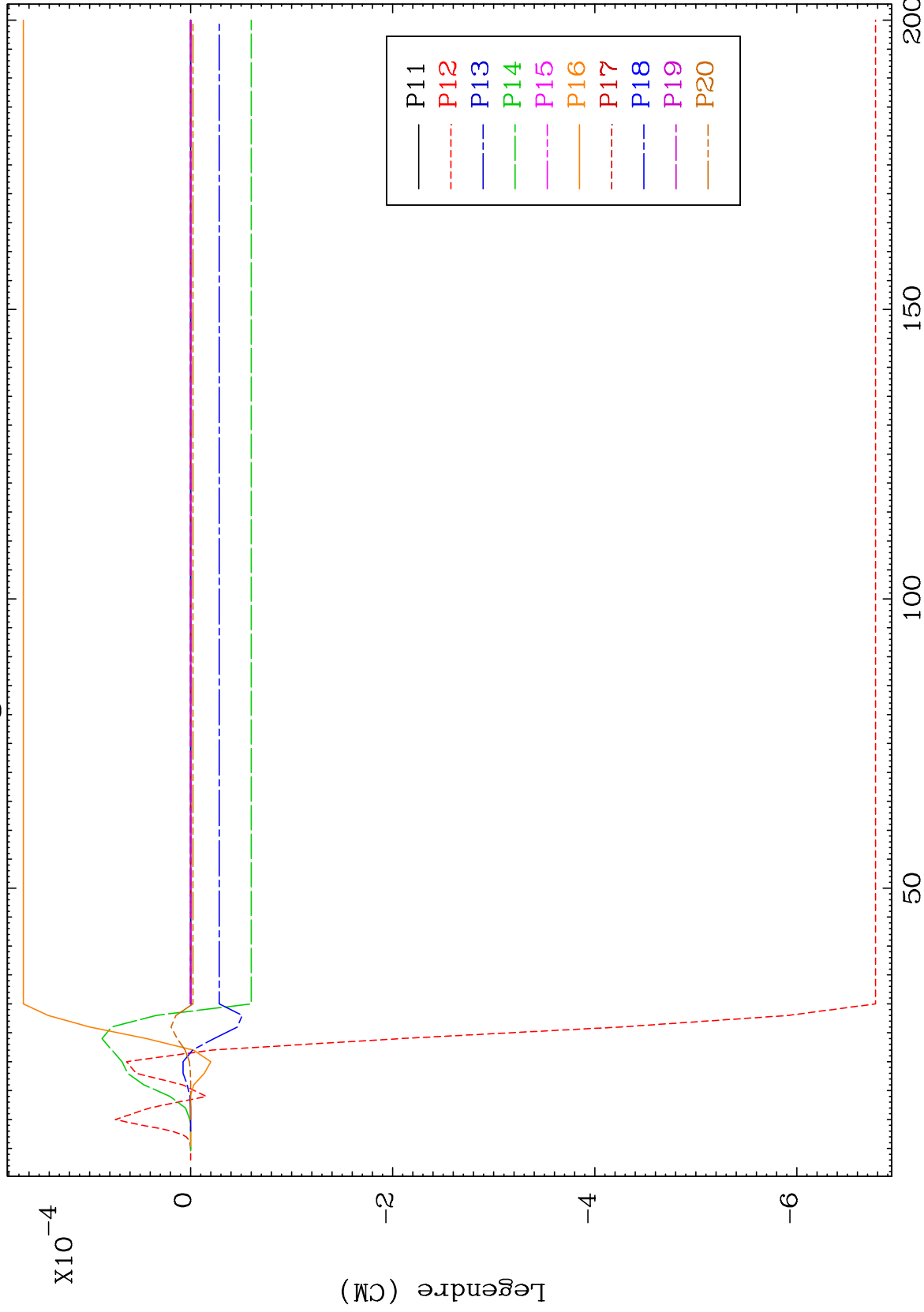
Incident Energy (MeV)

80

MAT 8431

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

84-Po-208



81

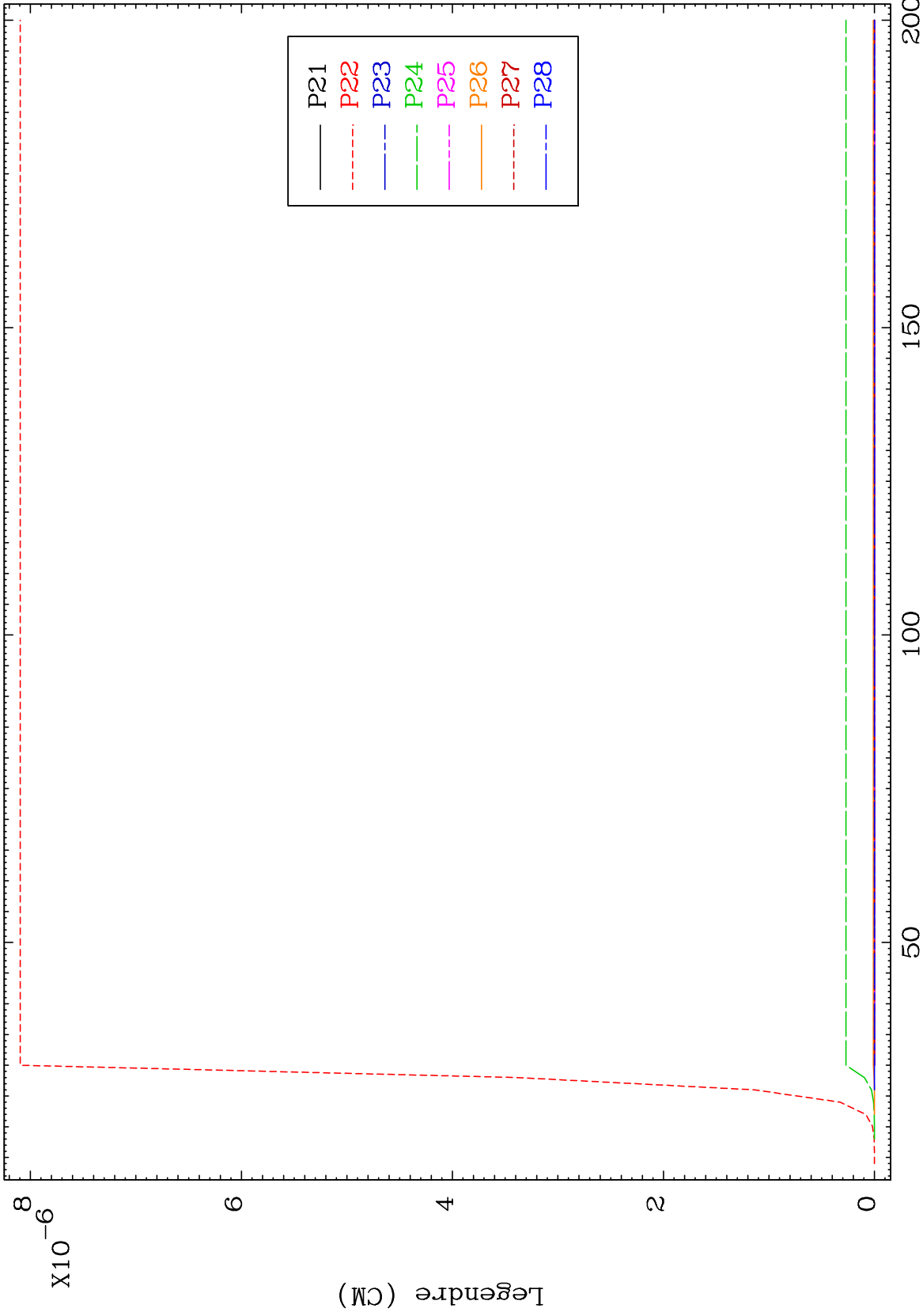
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



82

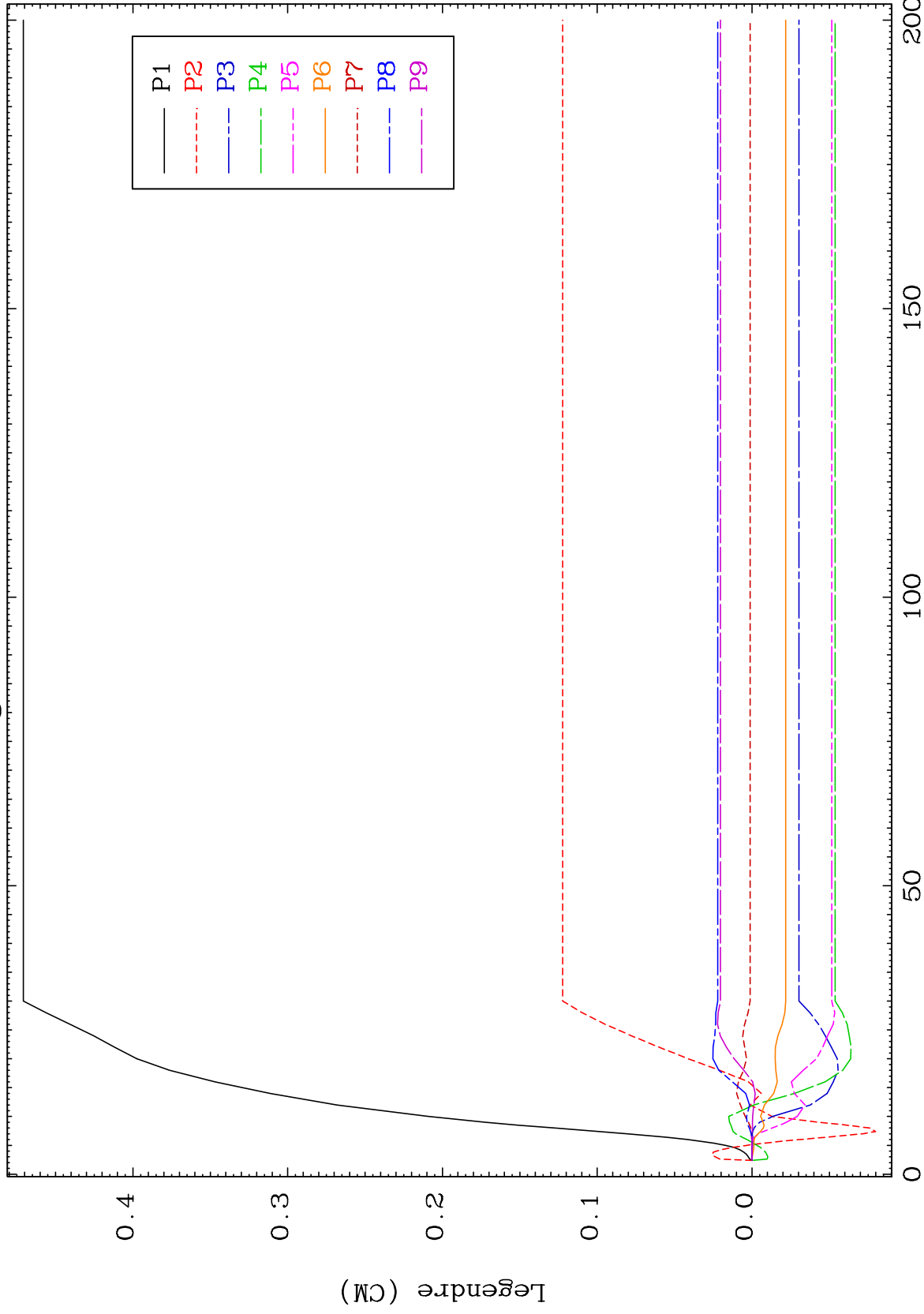
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



83

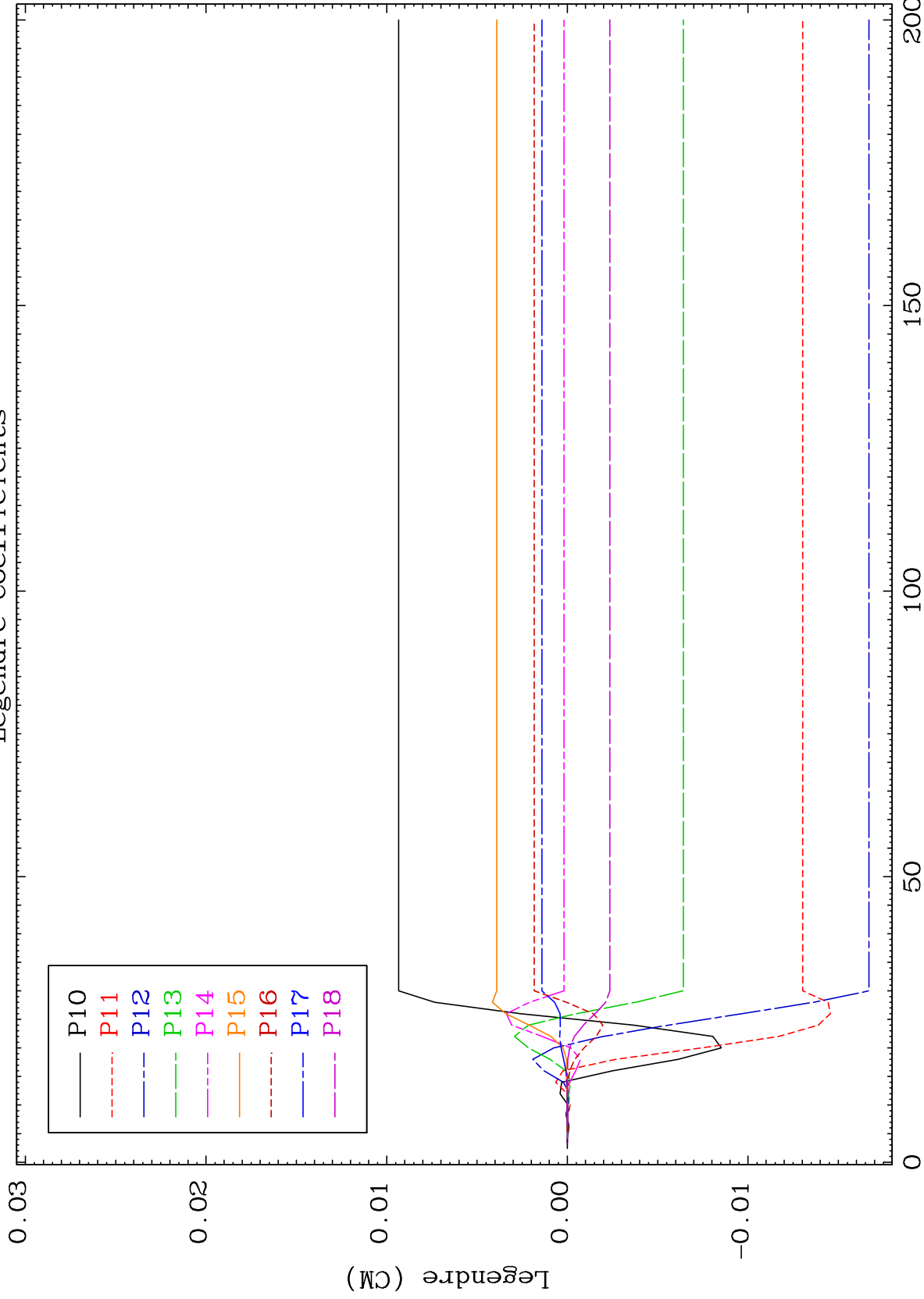
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



84

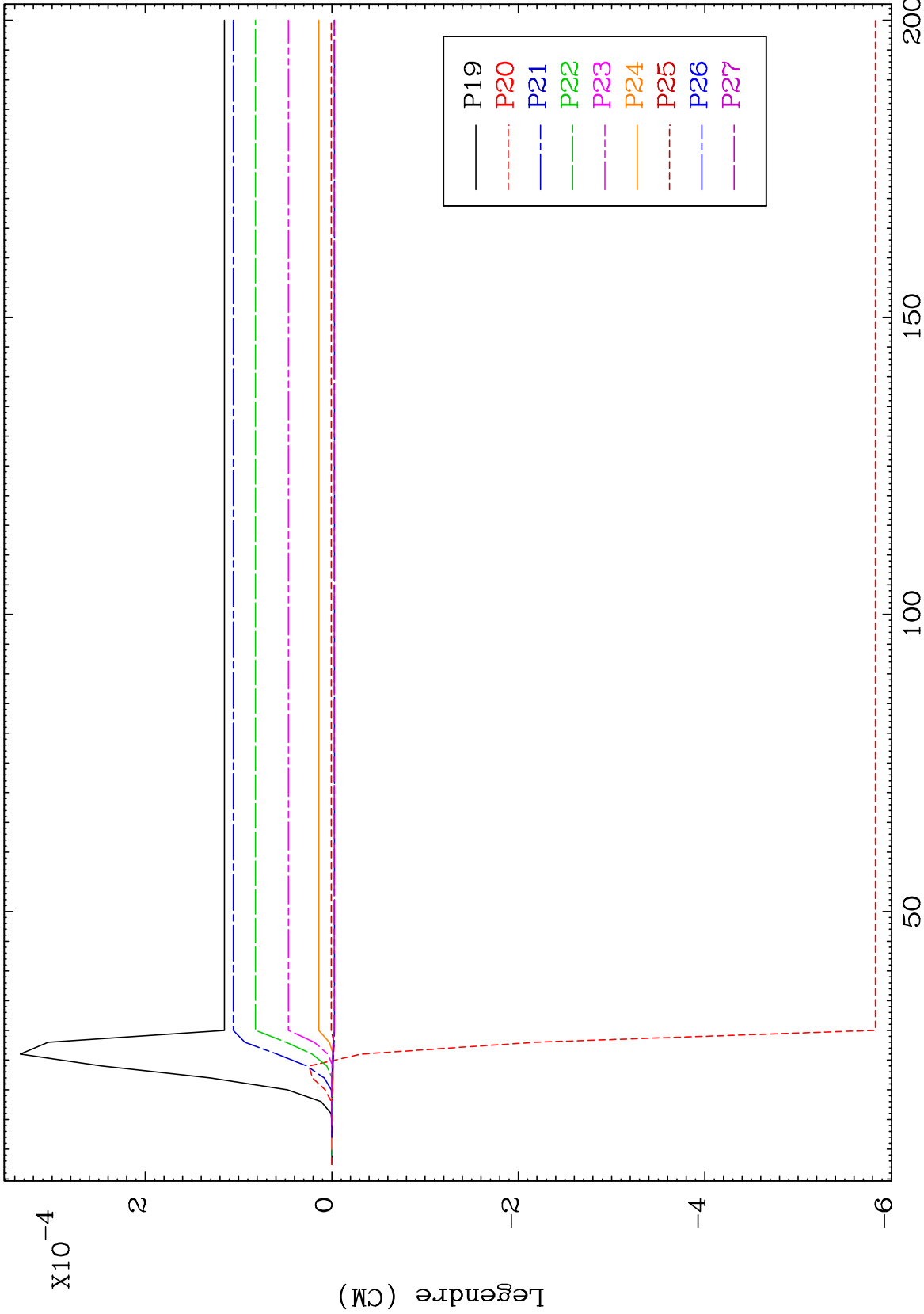
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



85

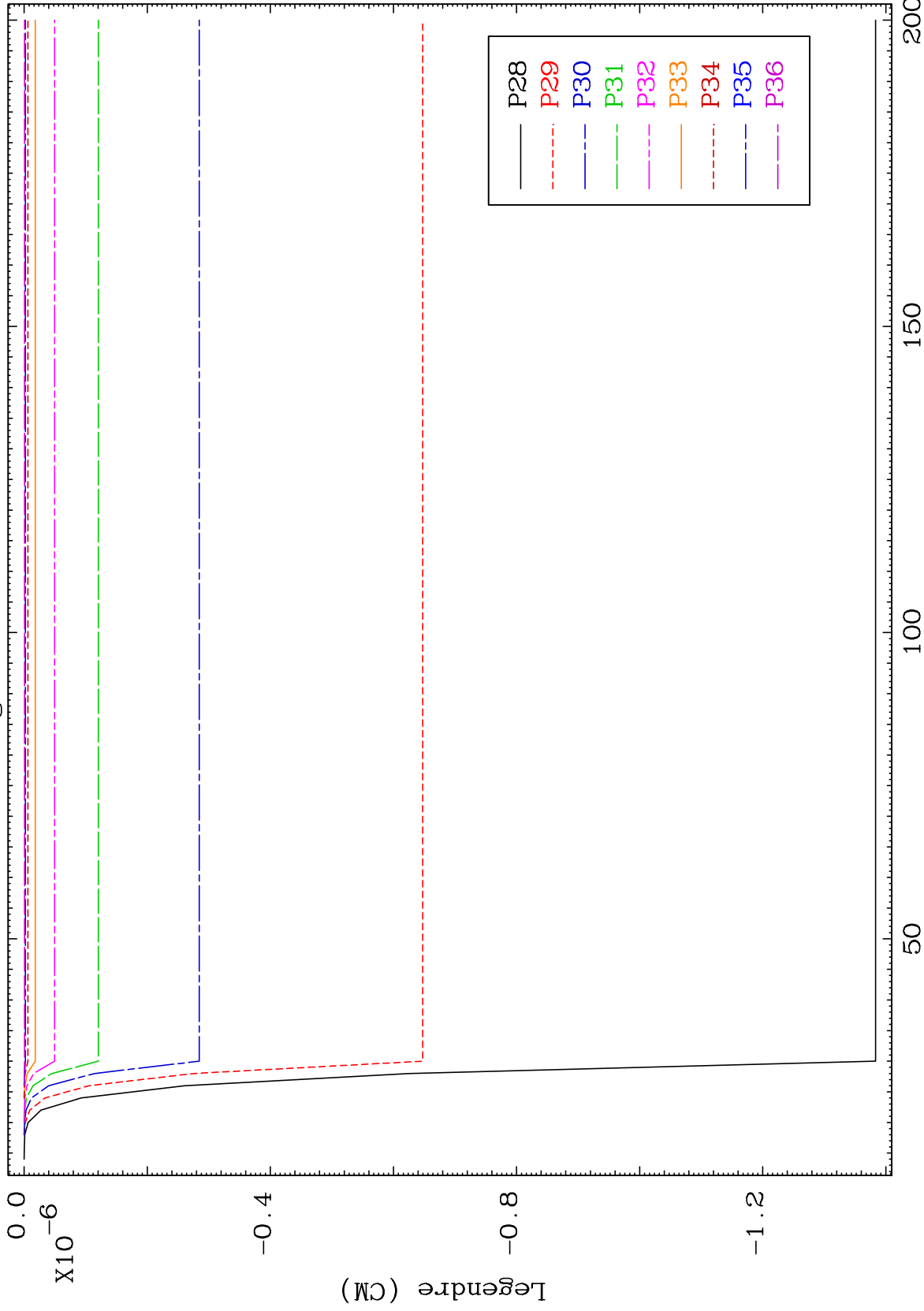
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



86

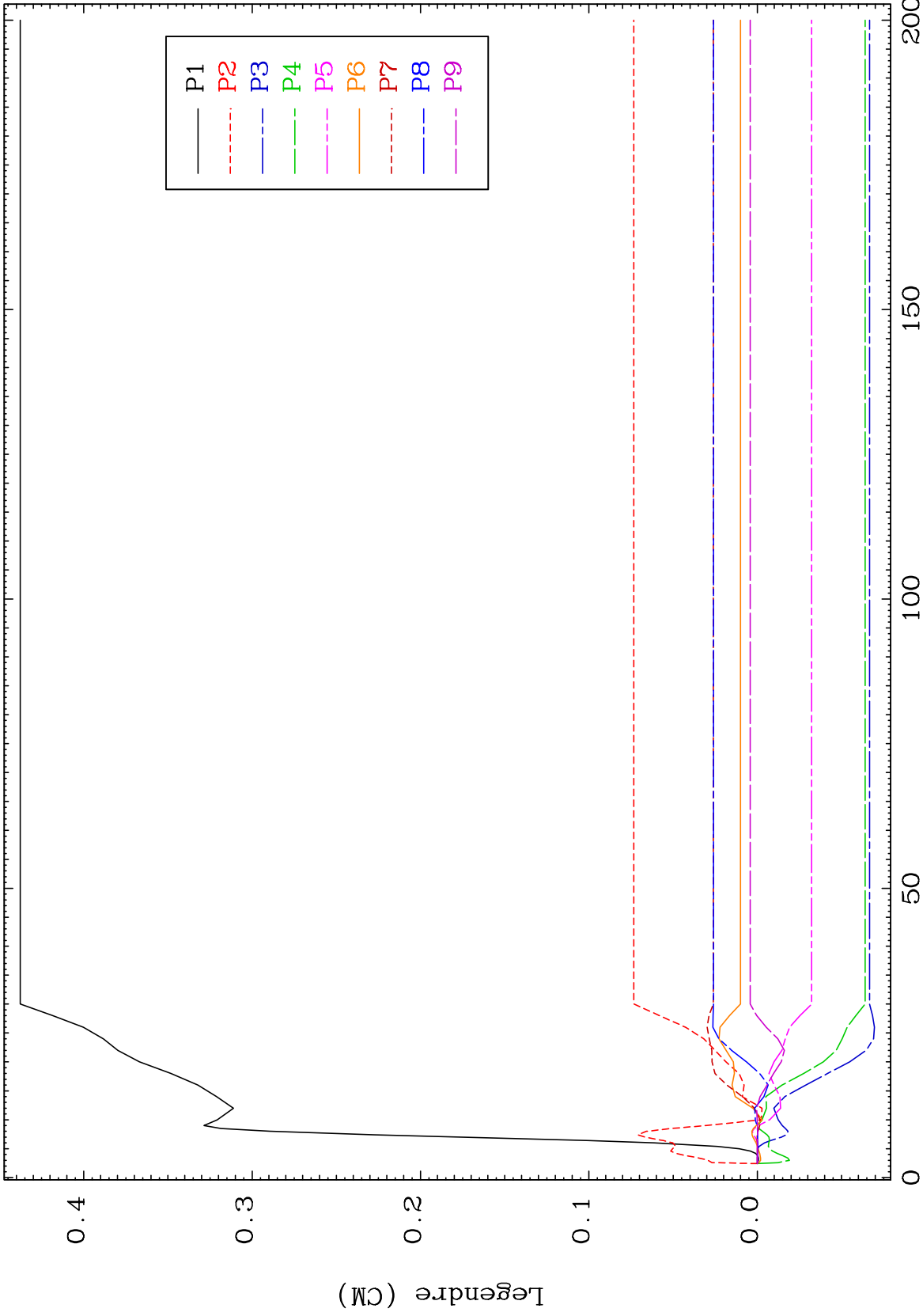
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



87

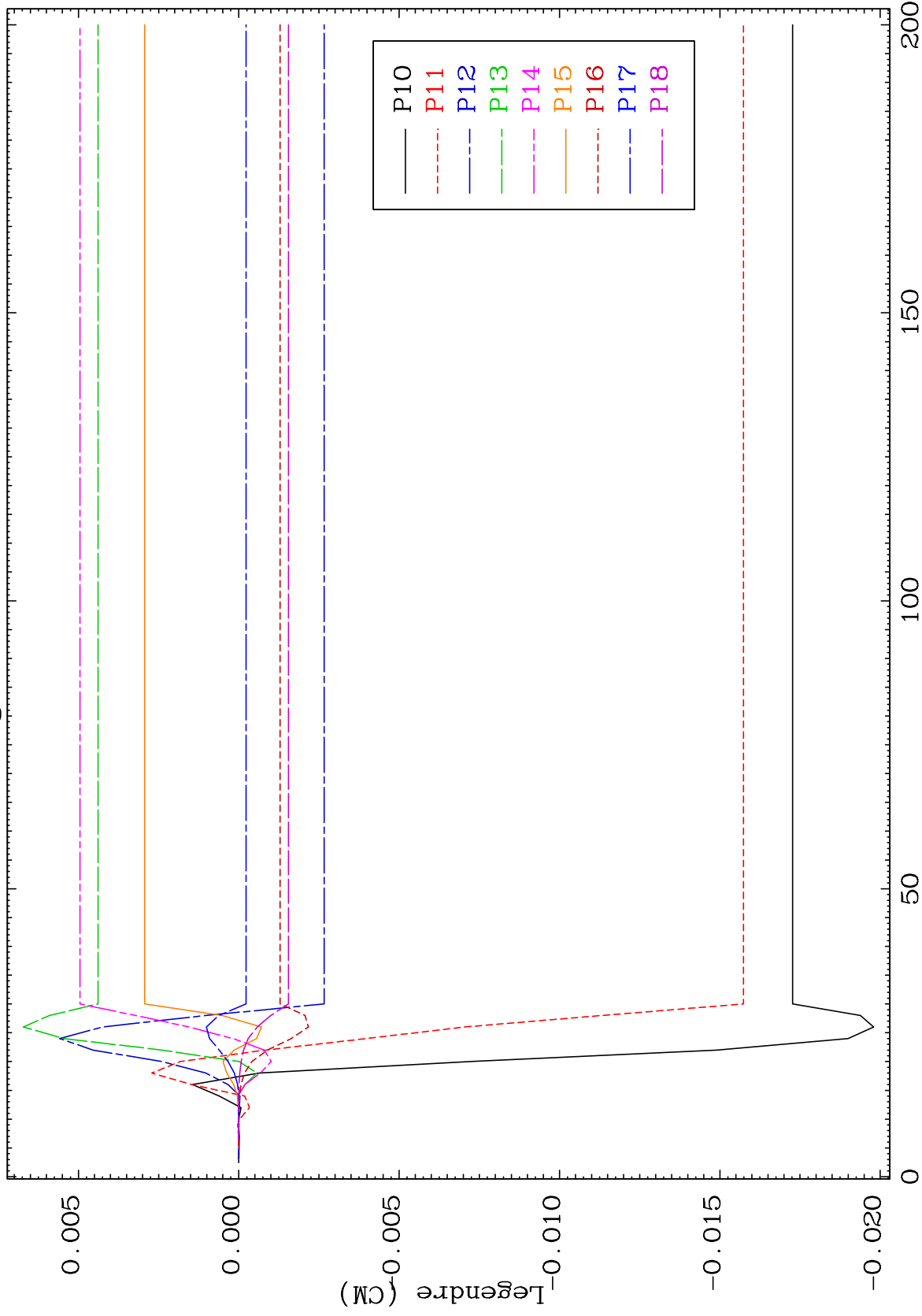
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



88

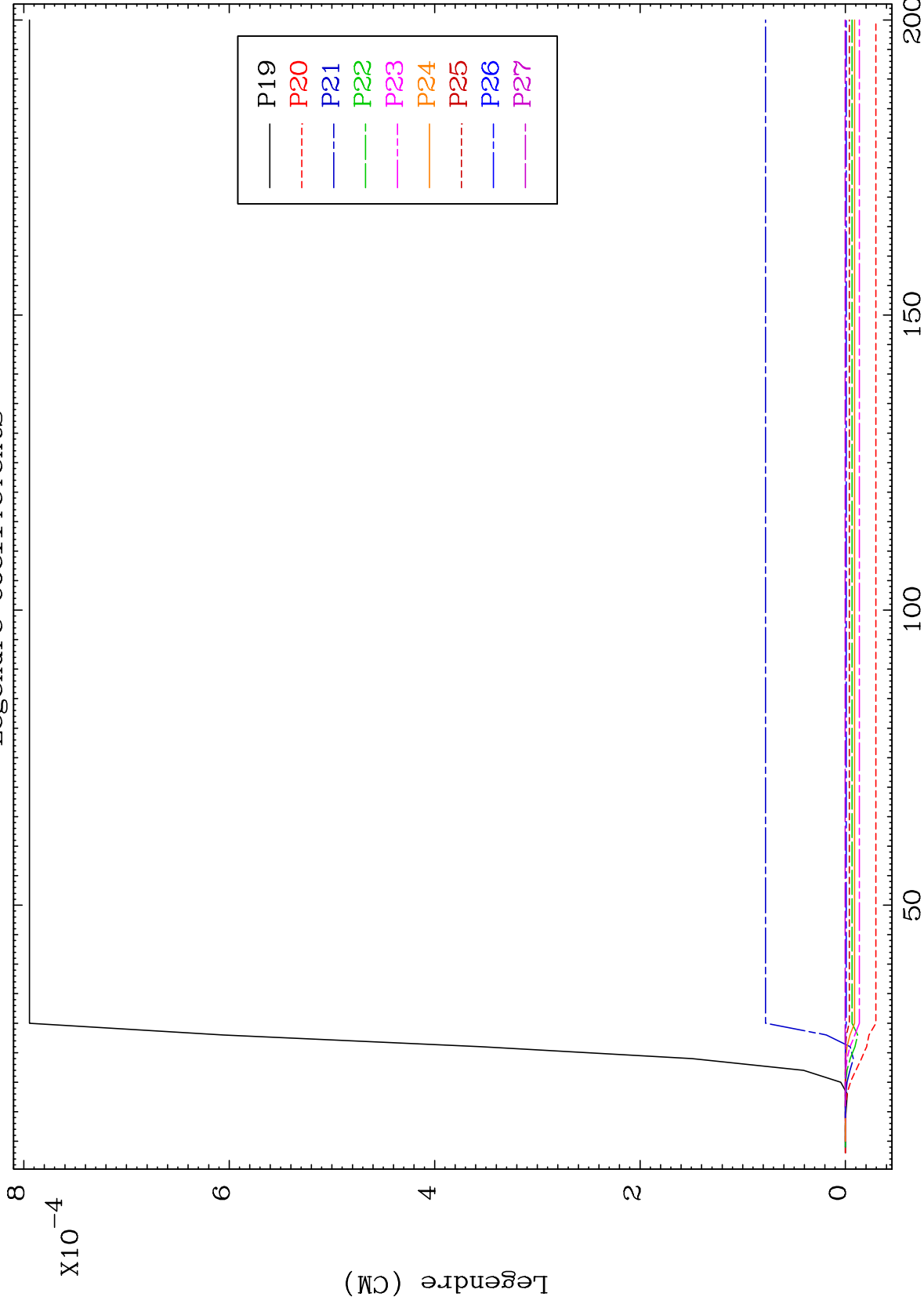
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



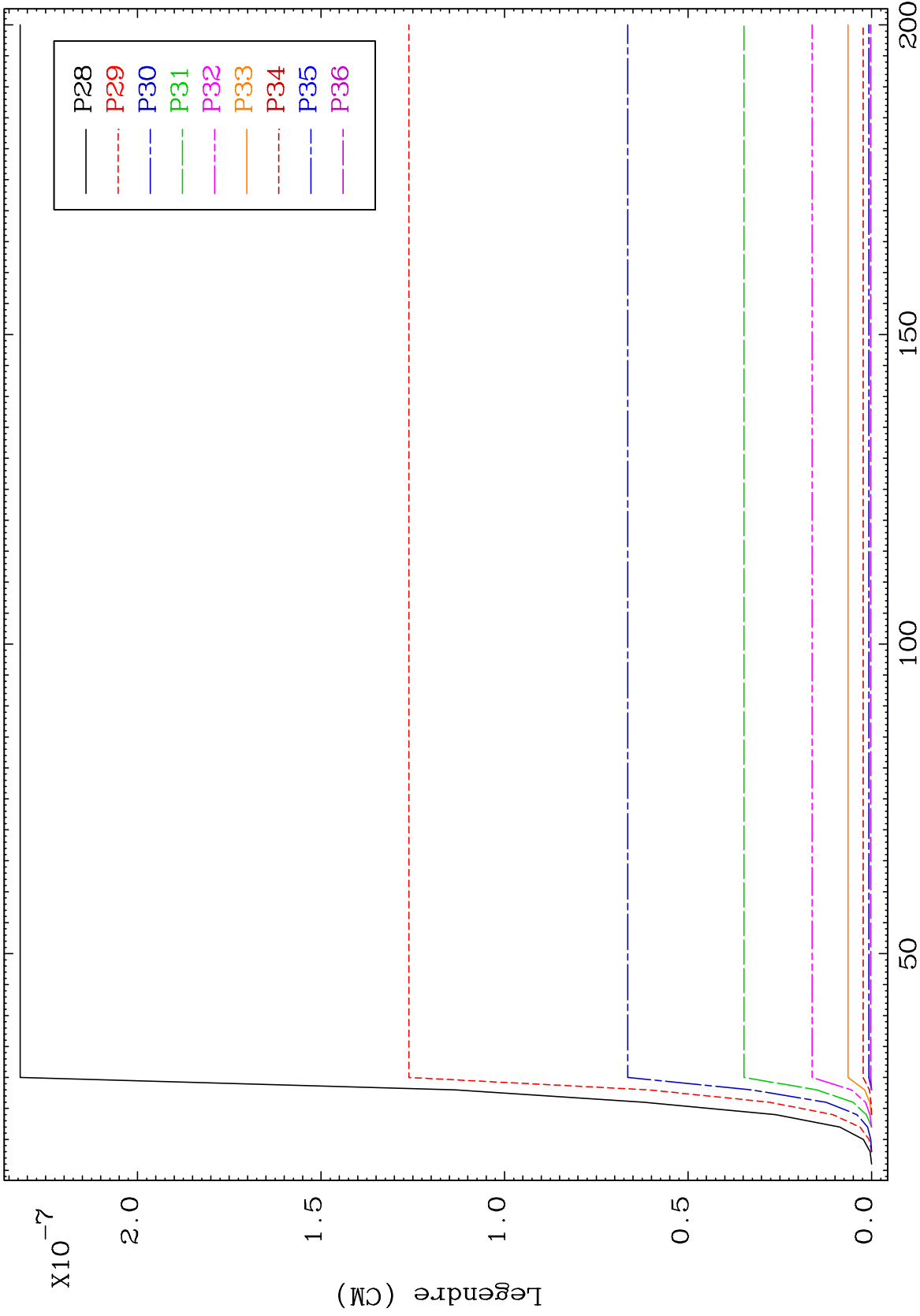
89

84-Po-208

MAT 8431

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

84-Po-208



90

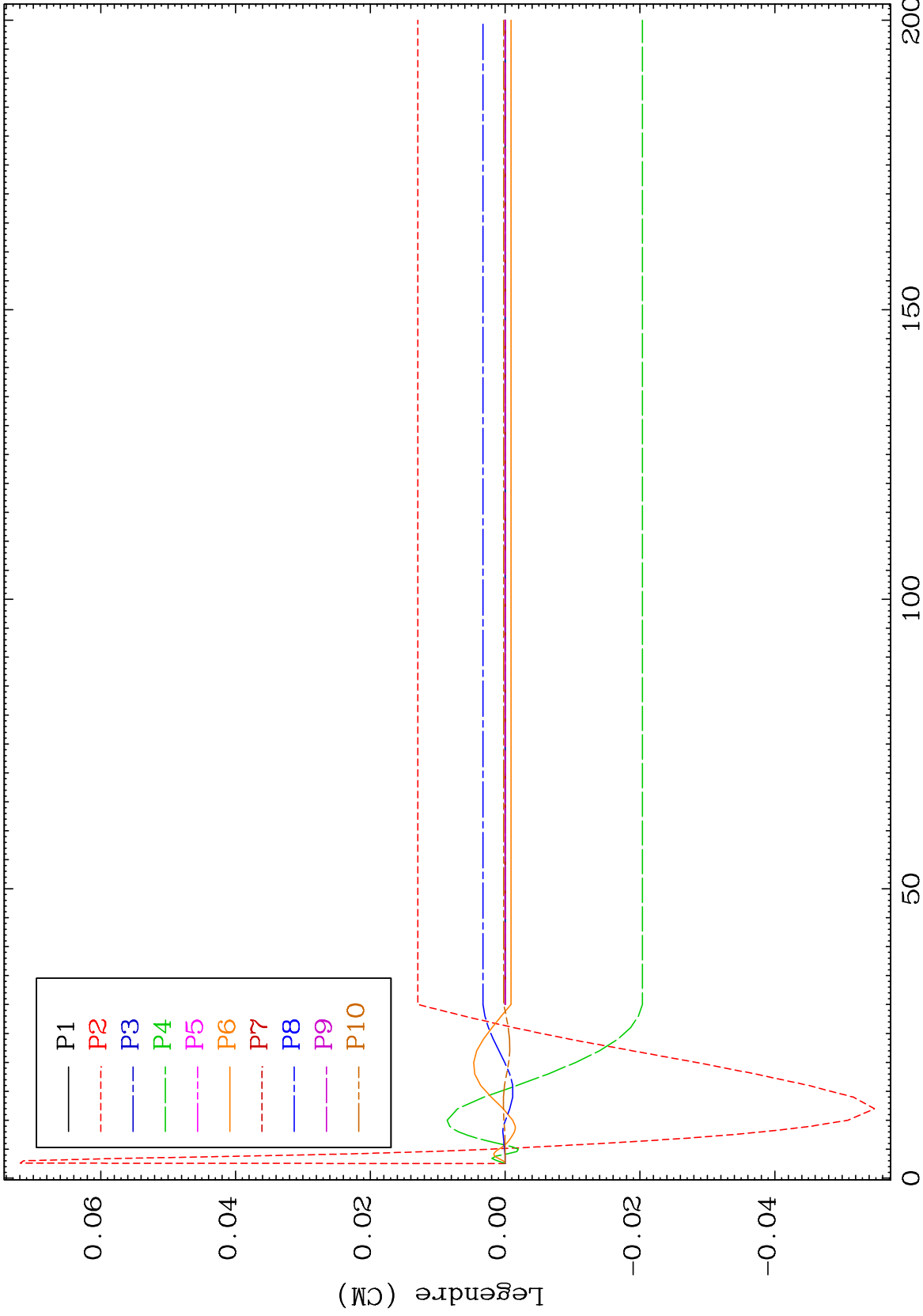
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



91

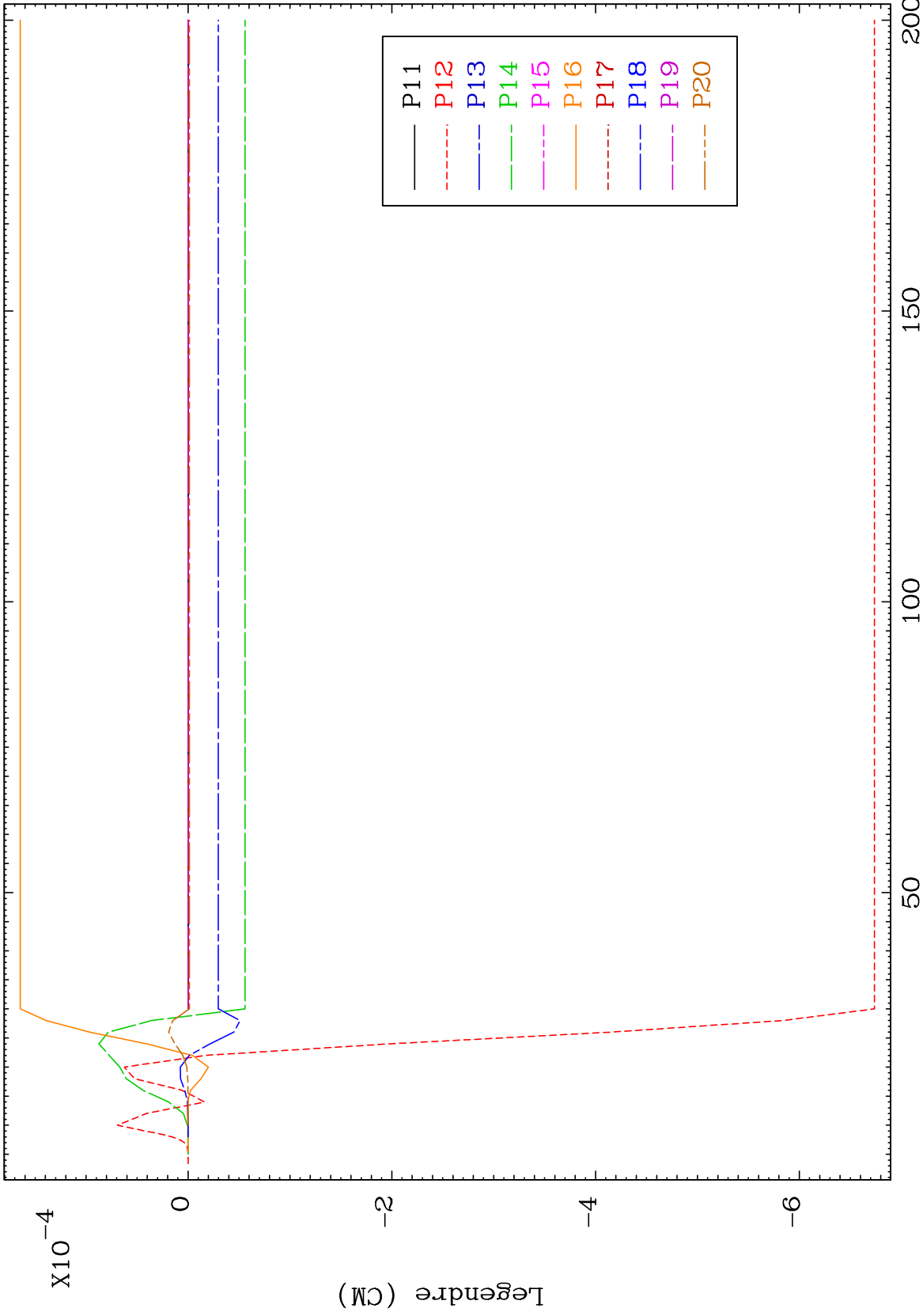
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



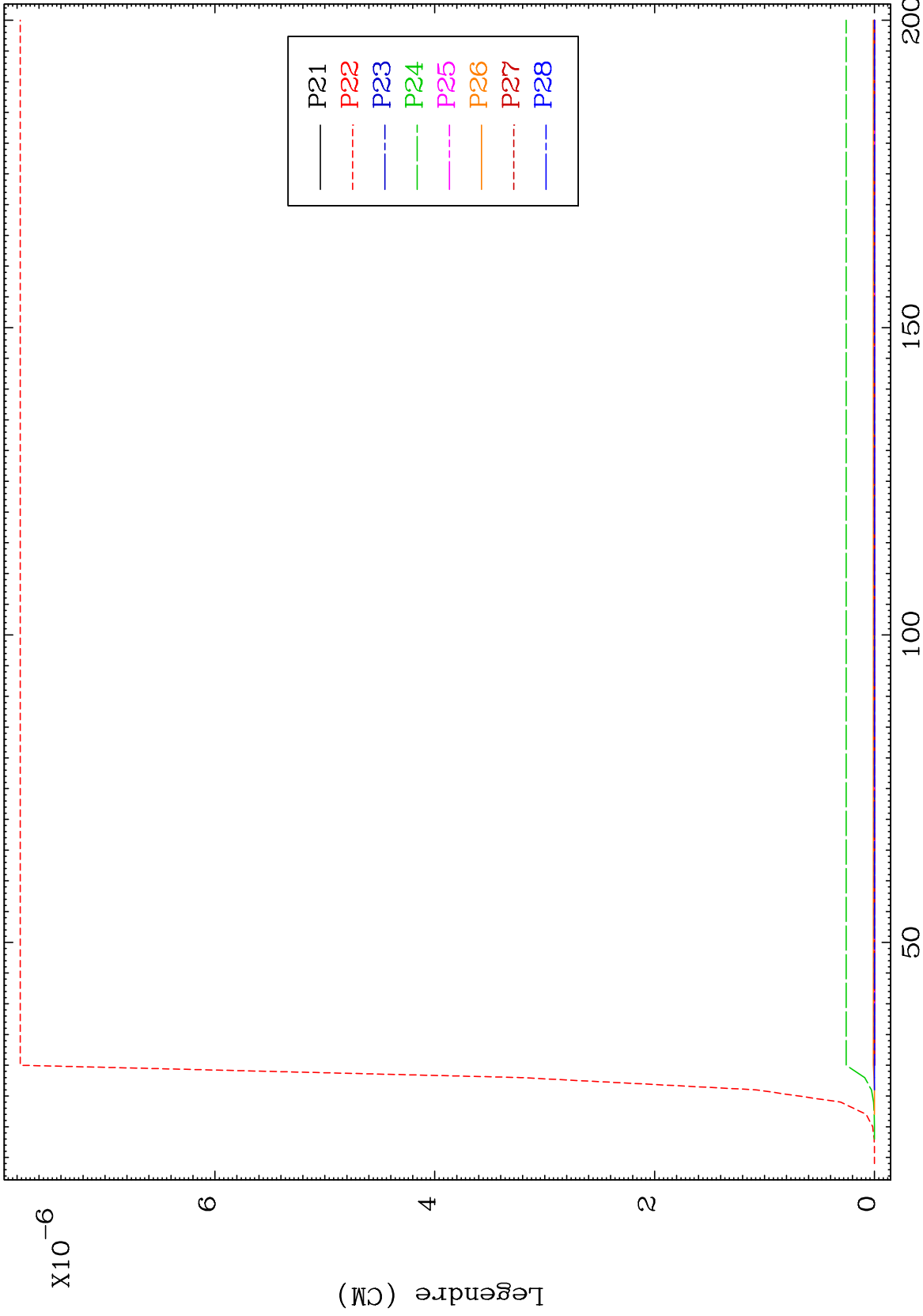
92

84-Po-208

MAT 8431

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

84-Po-208

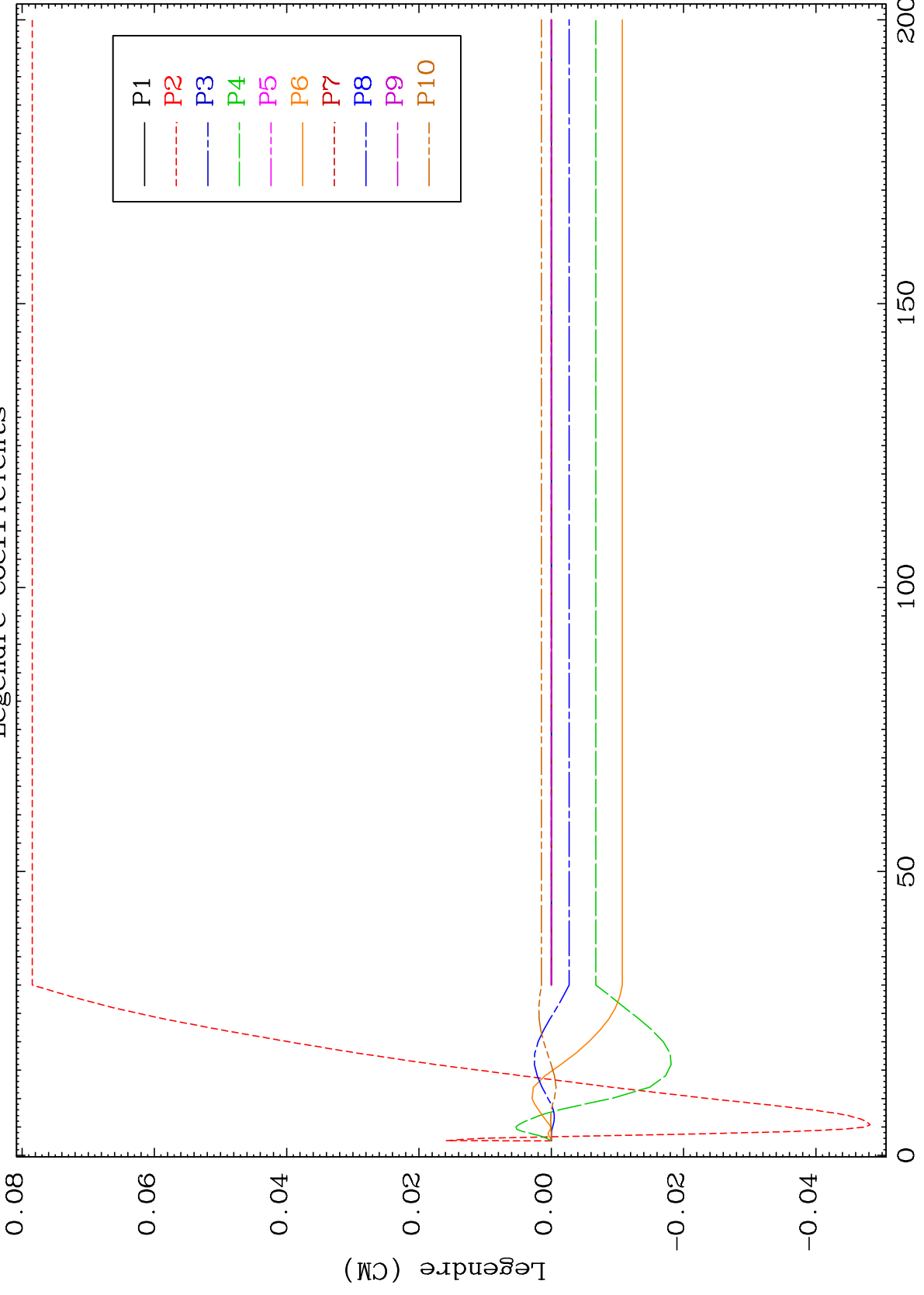


93

Incident Energy (MeV)

84-Po-208

MAT 8431 MT= 71 (n,n') Level Legendre Coefficients 84-Po-208

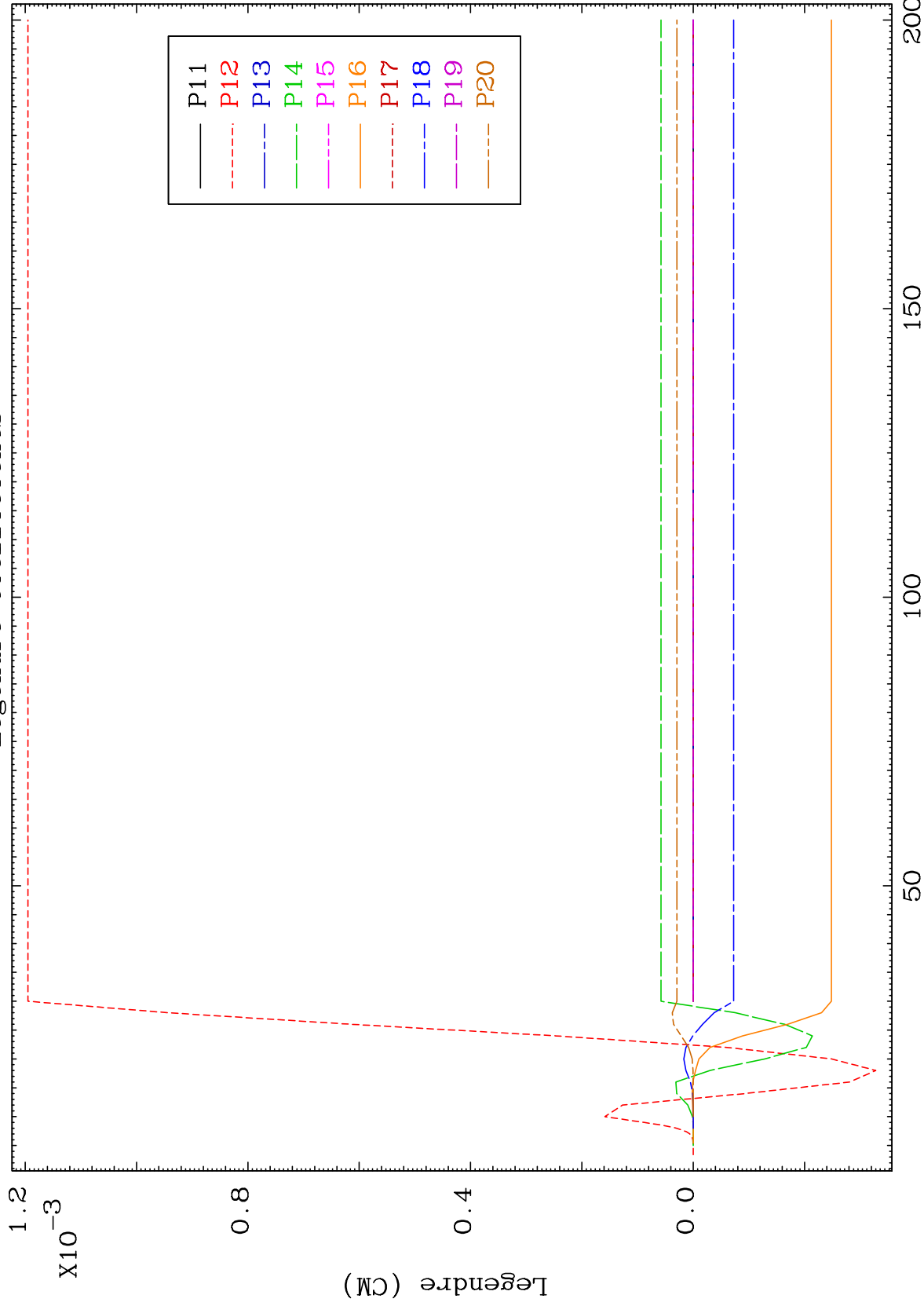


94 84-Po-208

MAT 8431

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

84-Po-208



95

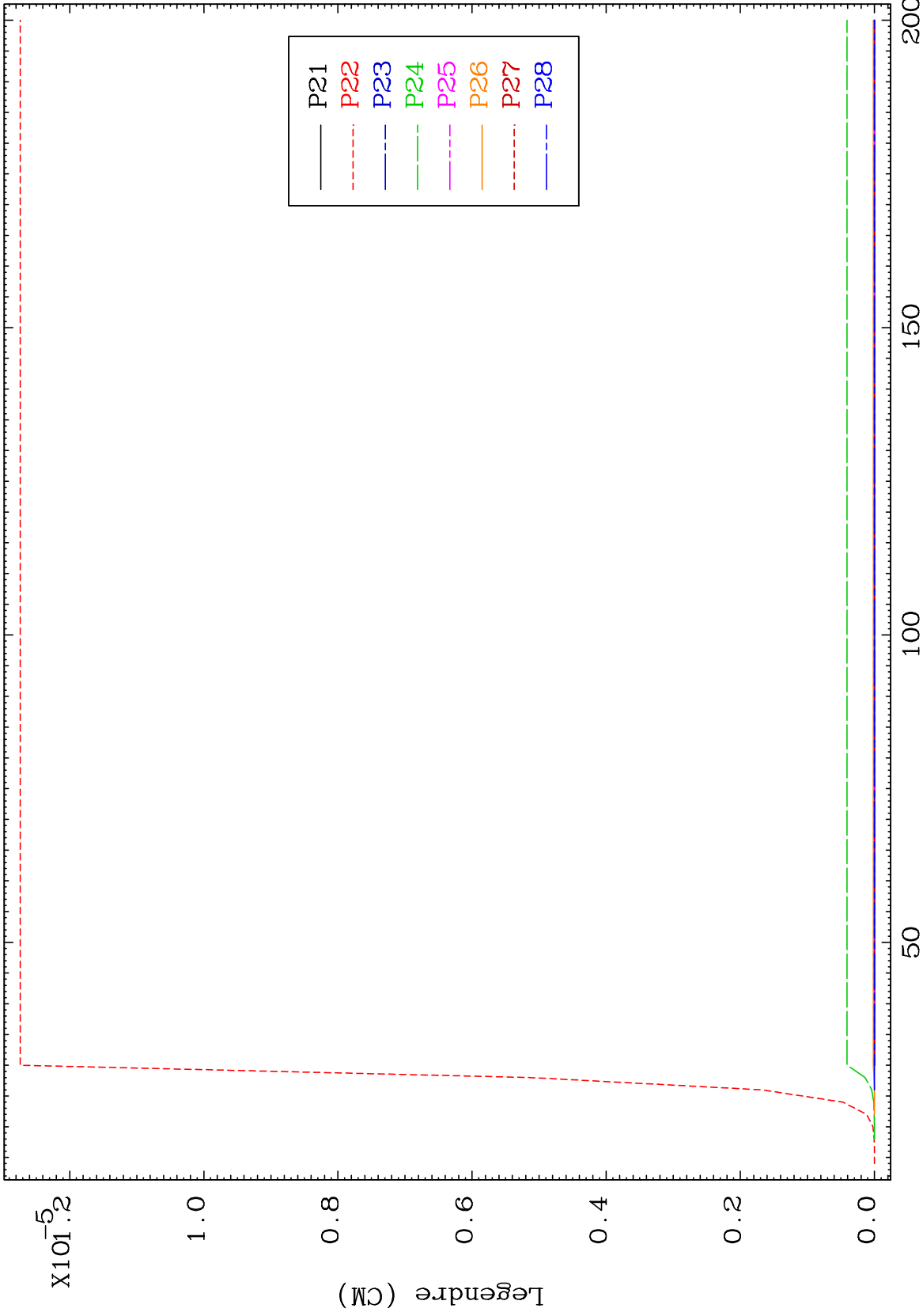
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



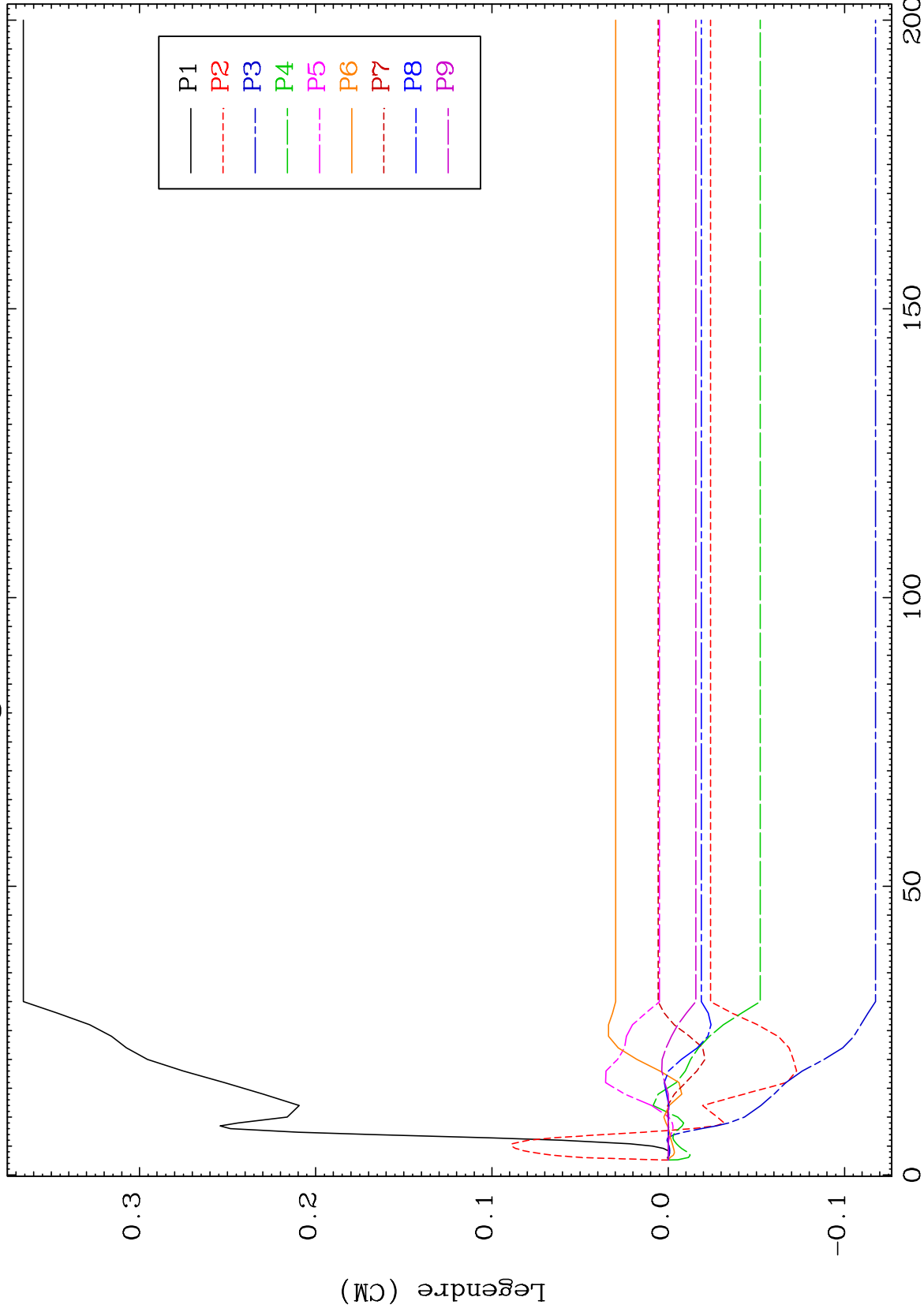
96

84-Po-208

MAT 8431

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

84-Po-208



97

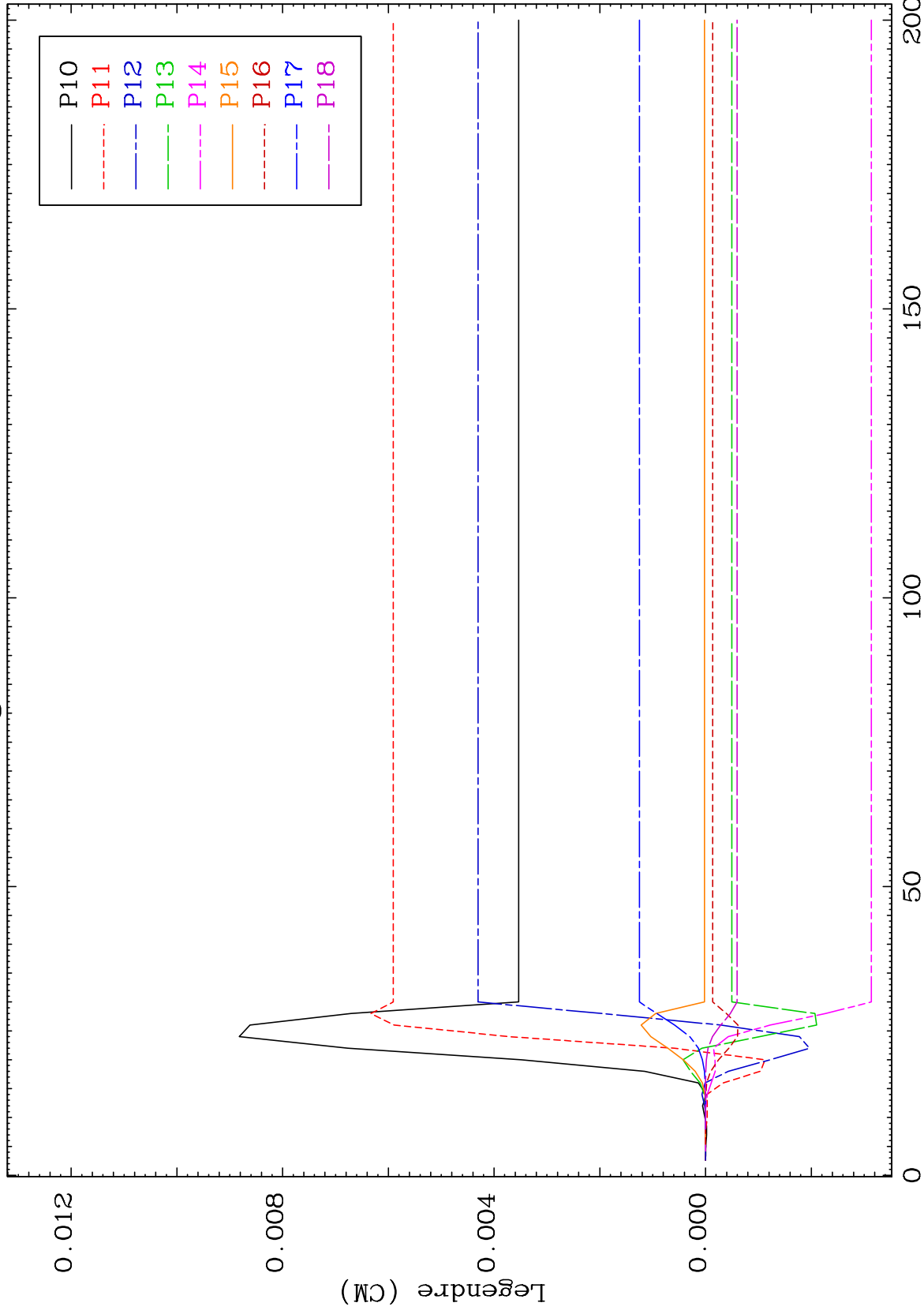
Incident Energy (MeV)

84-Po-208

MAT 8431

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

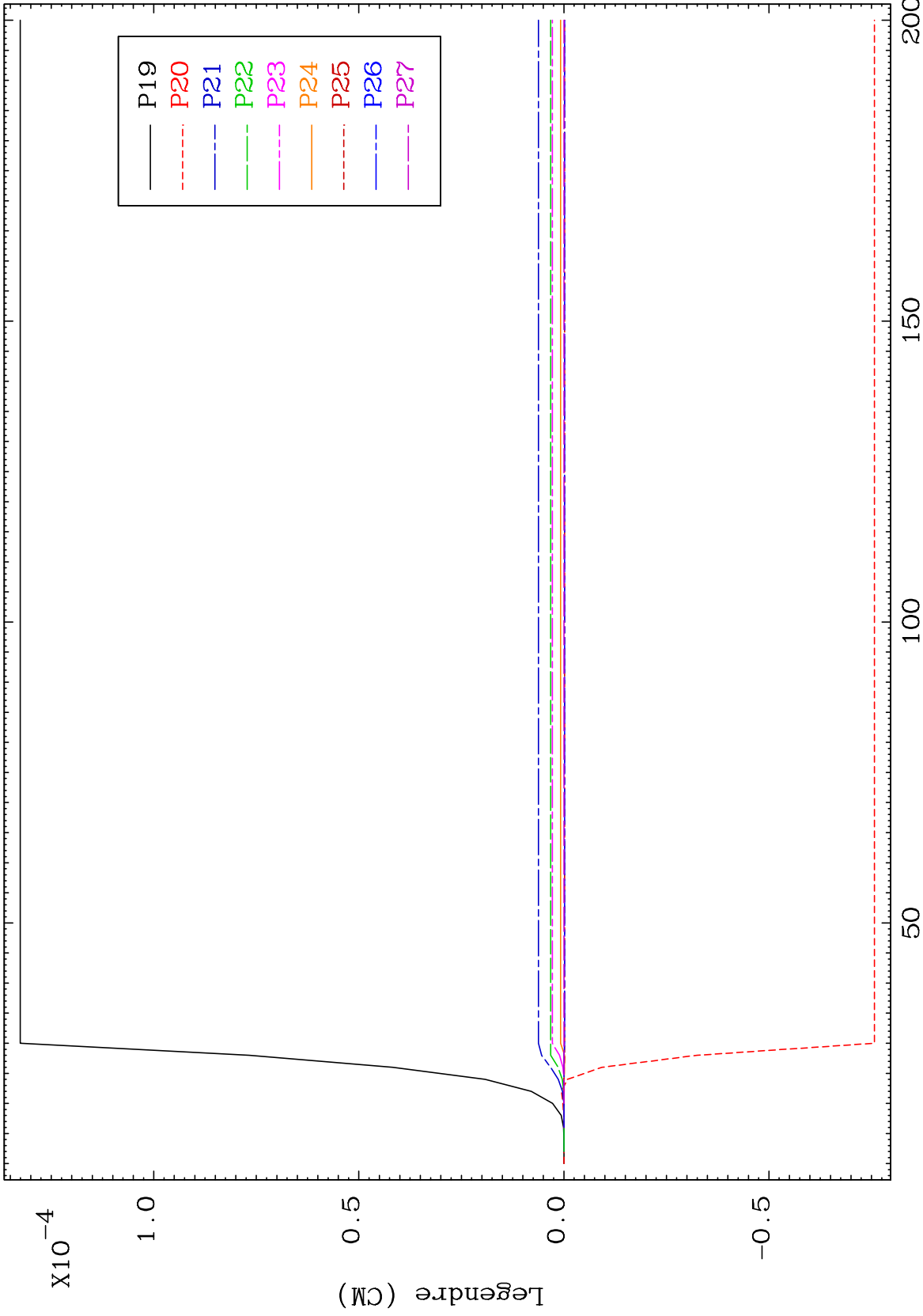
84-Po-208

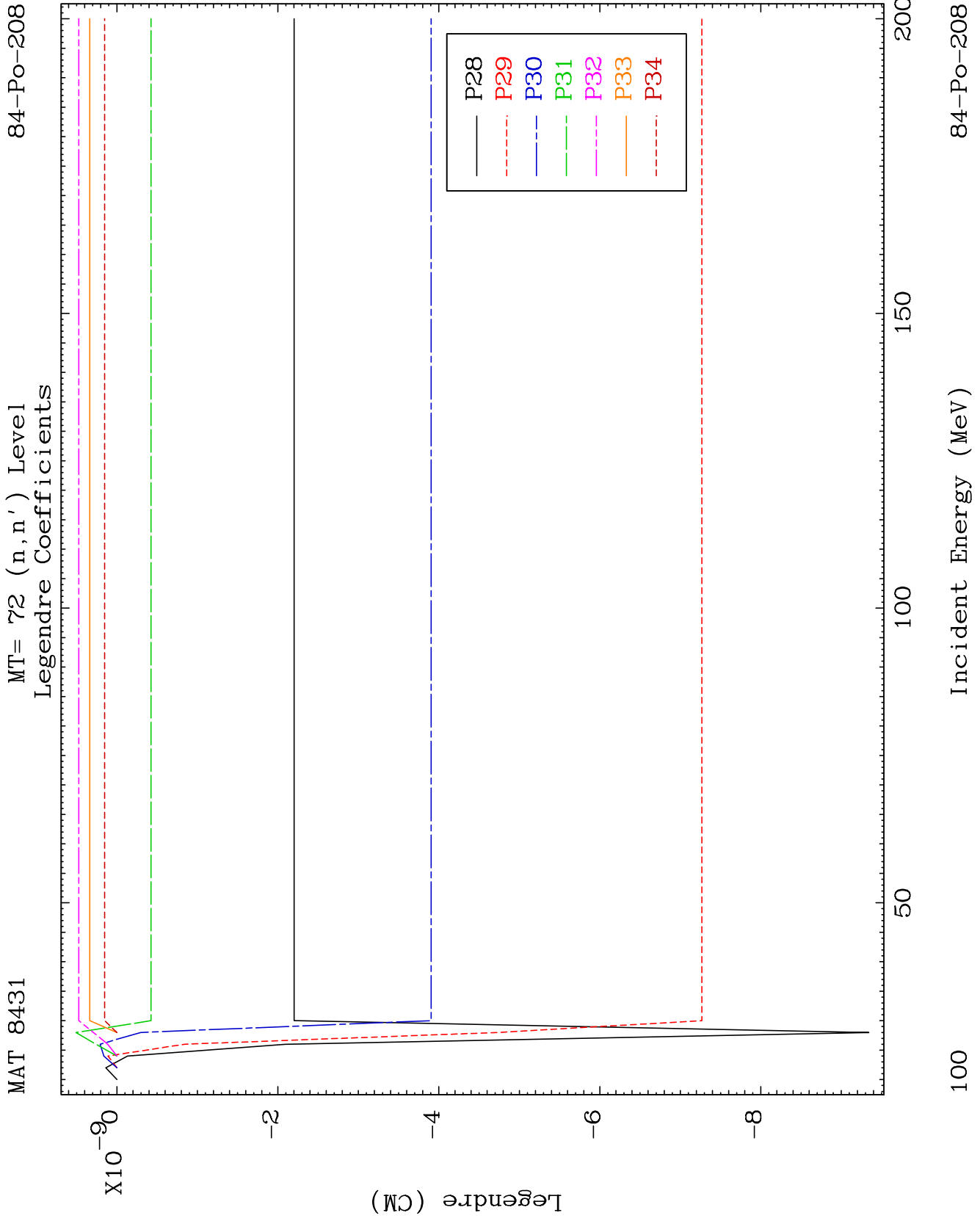


98

Incident Energy (MeV)

84-Po-208

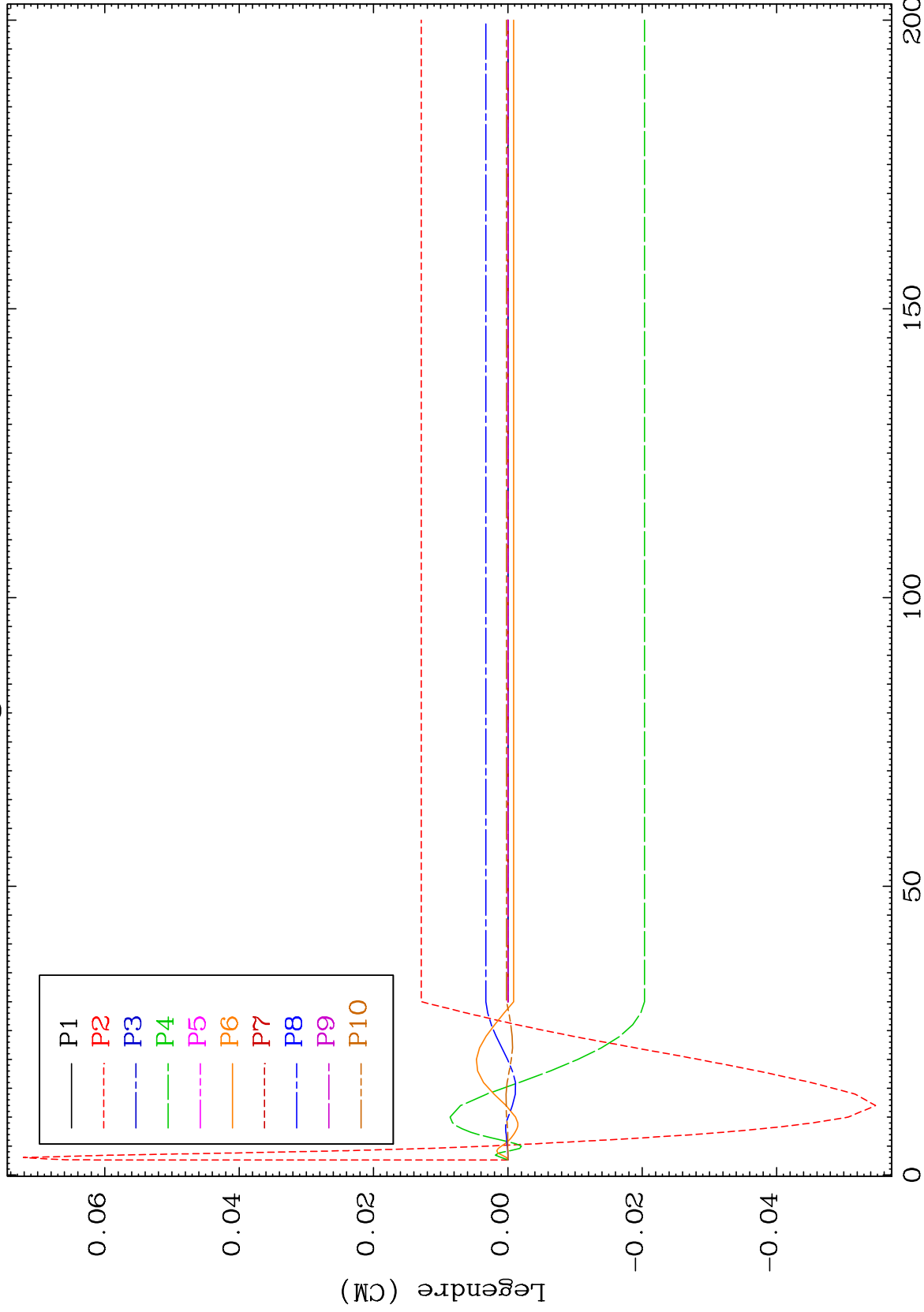




MAT 8431

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

84-Po-208



101

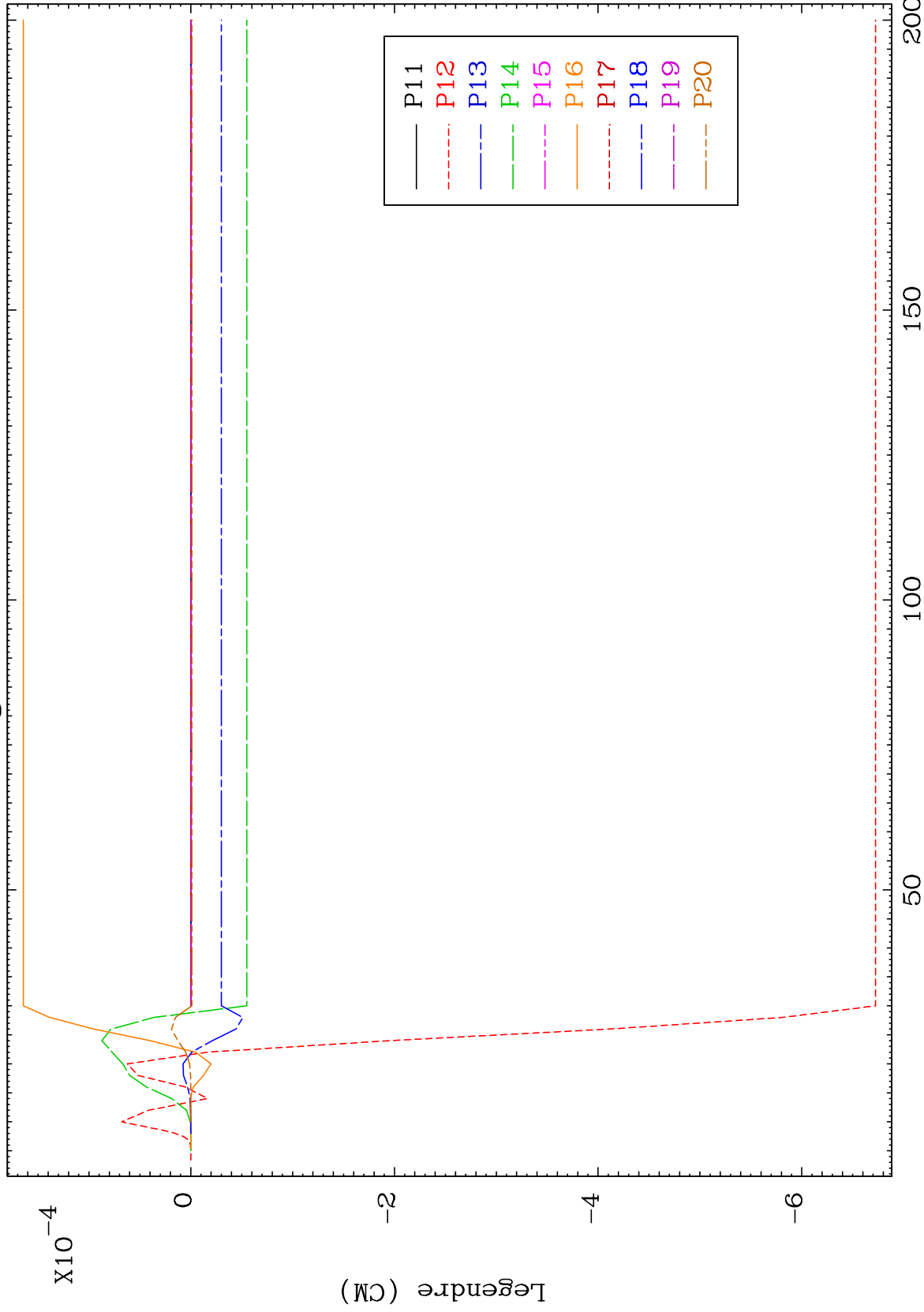
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



102

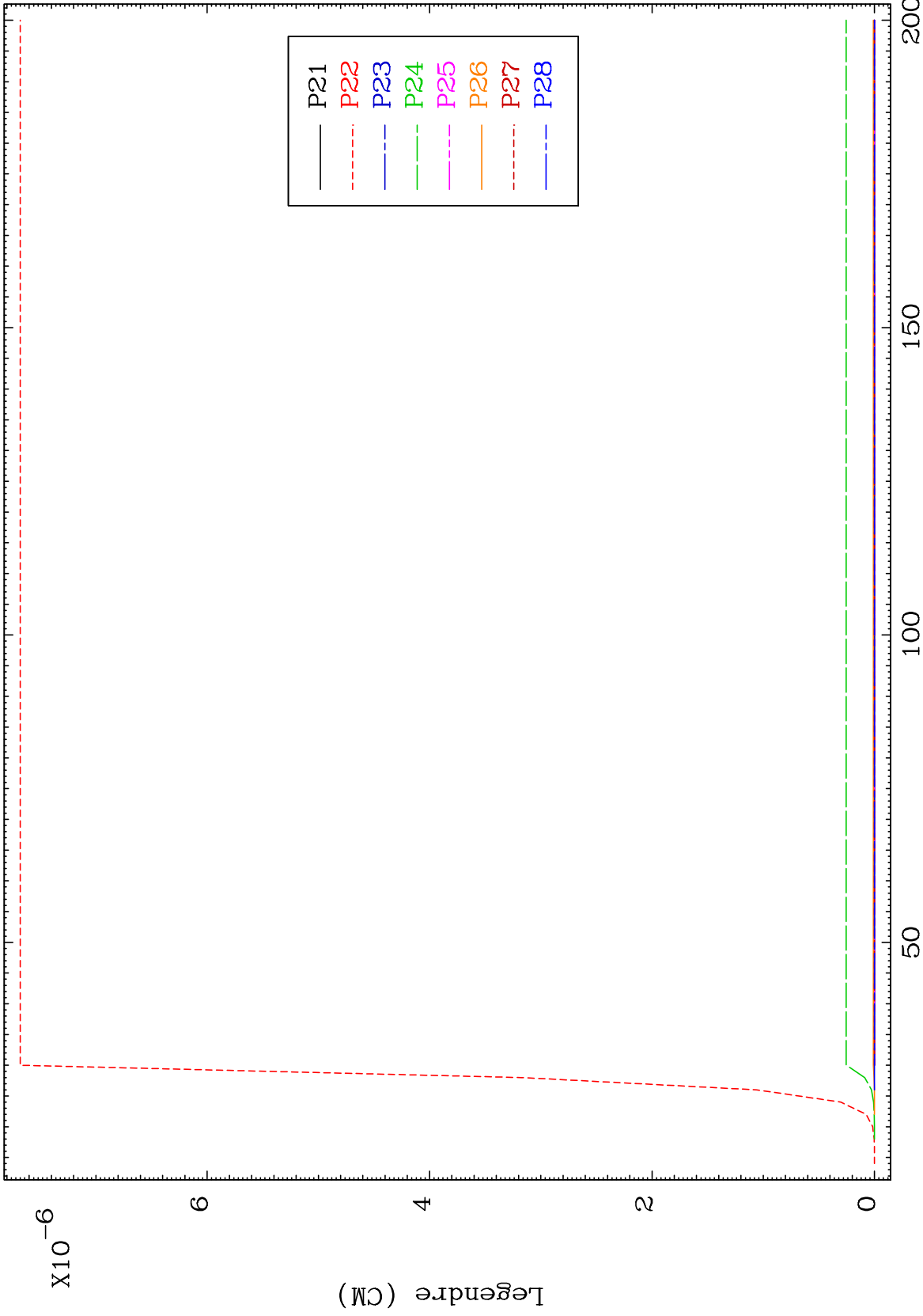
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



103

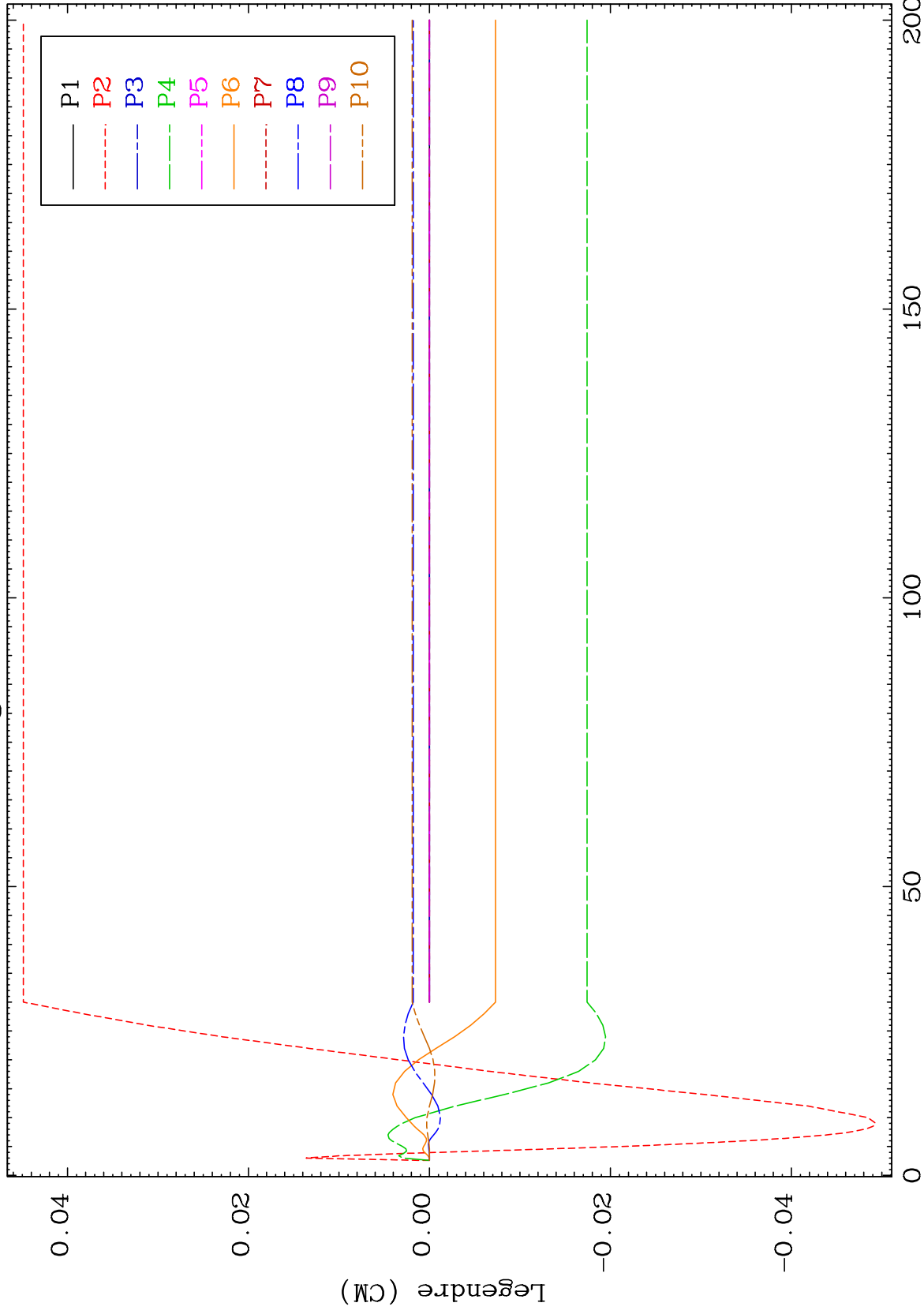
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



84-Po-208

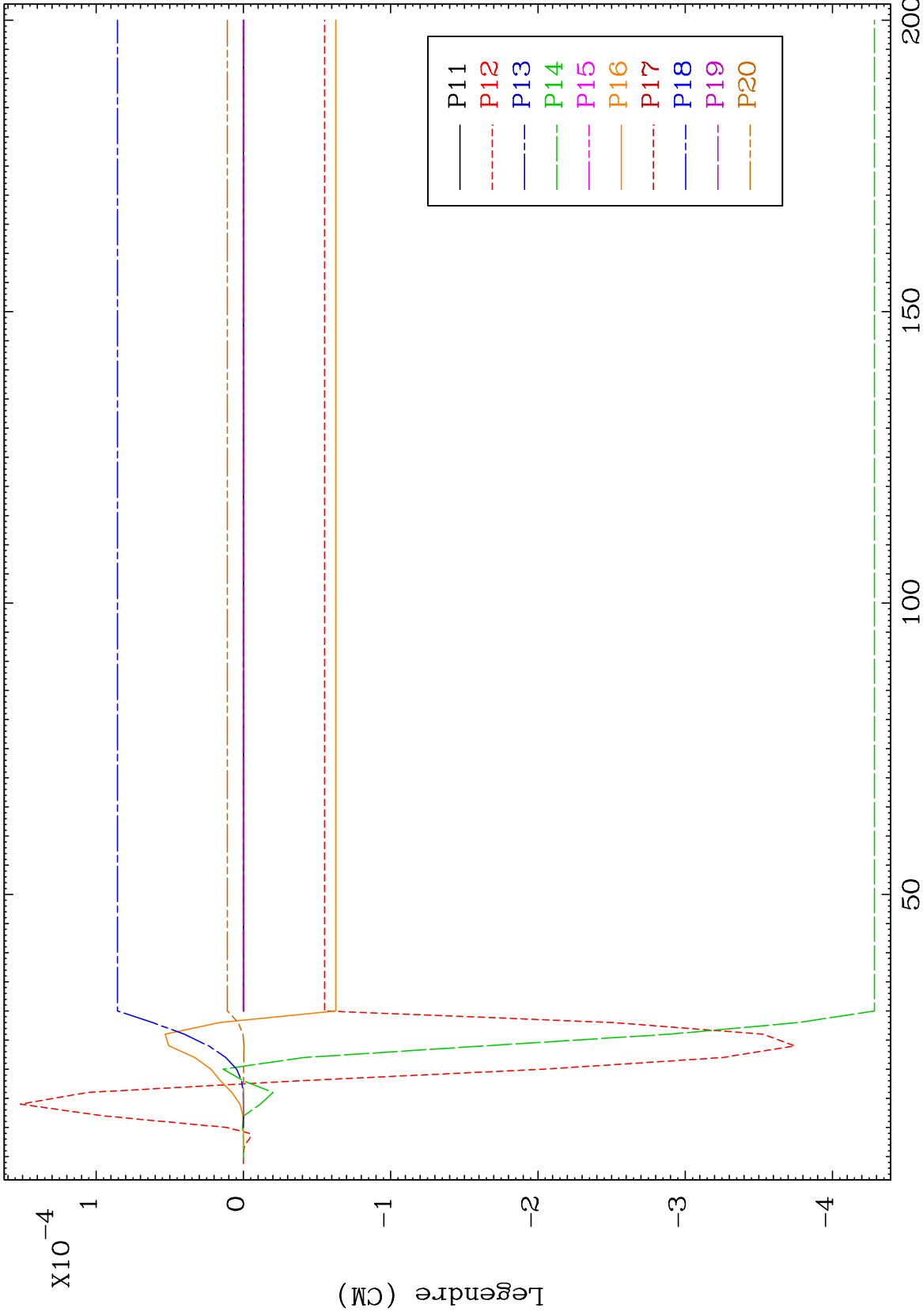
Incident Energy (MeV)

104

MAT 8431

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

84-Po-208



105

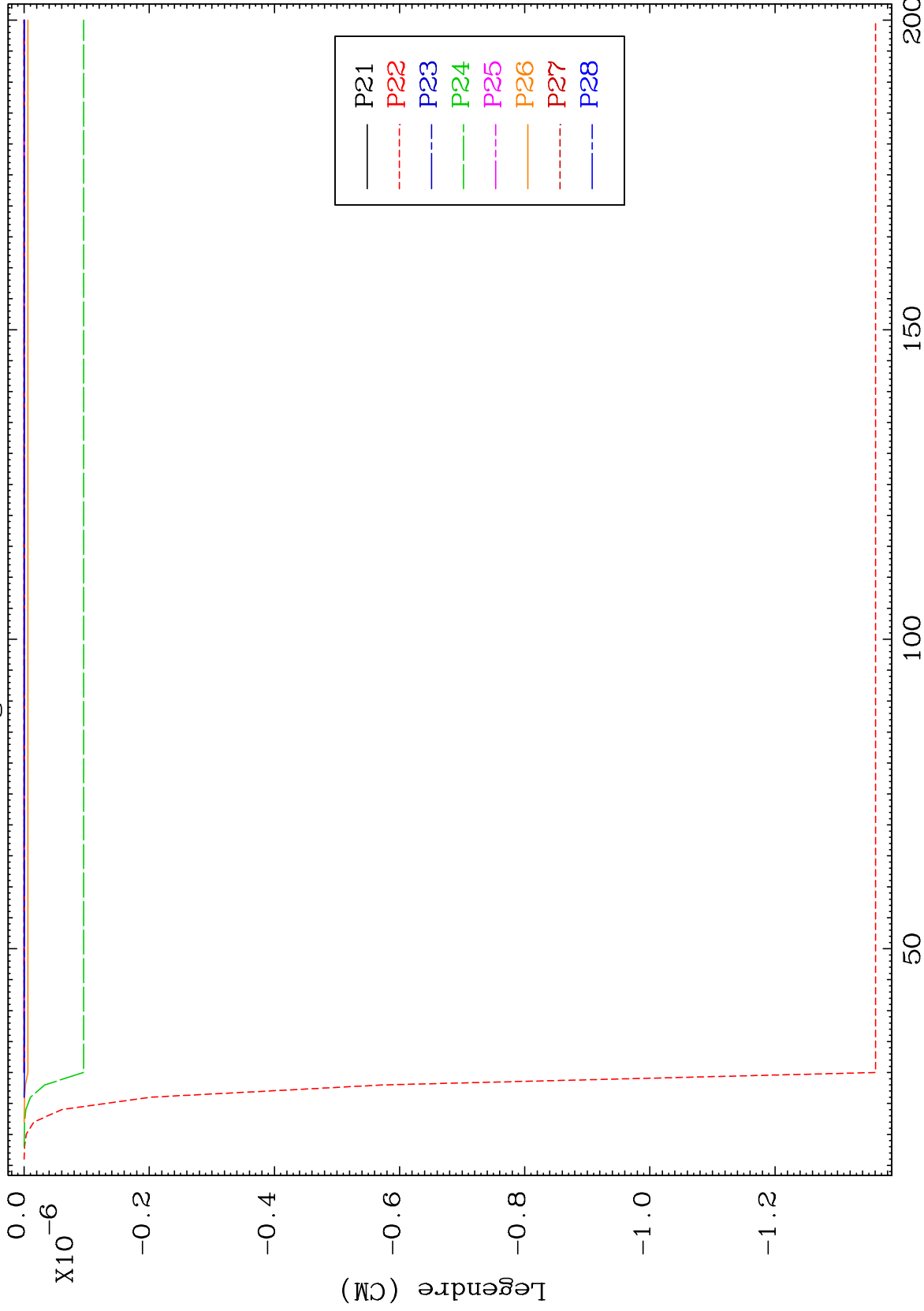
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



106

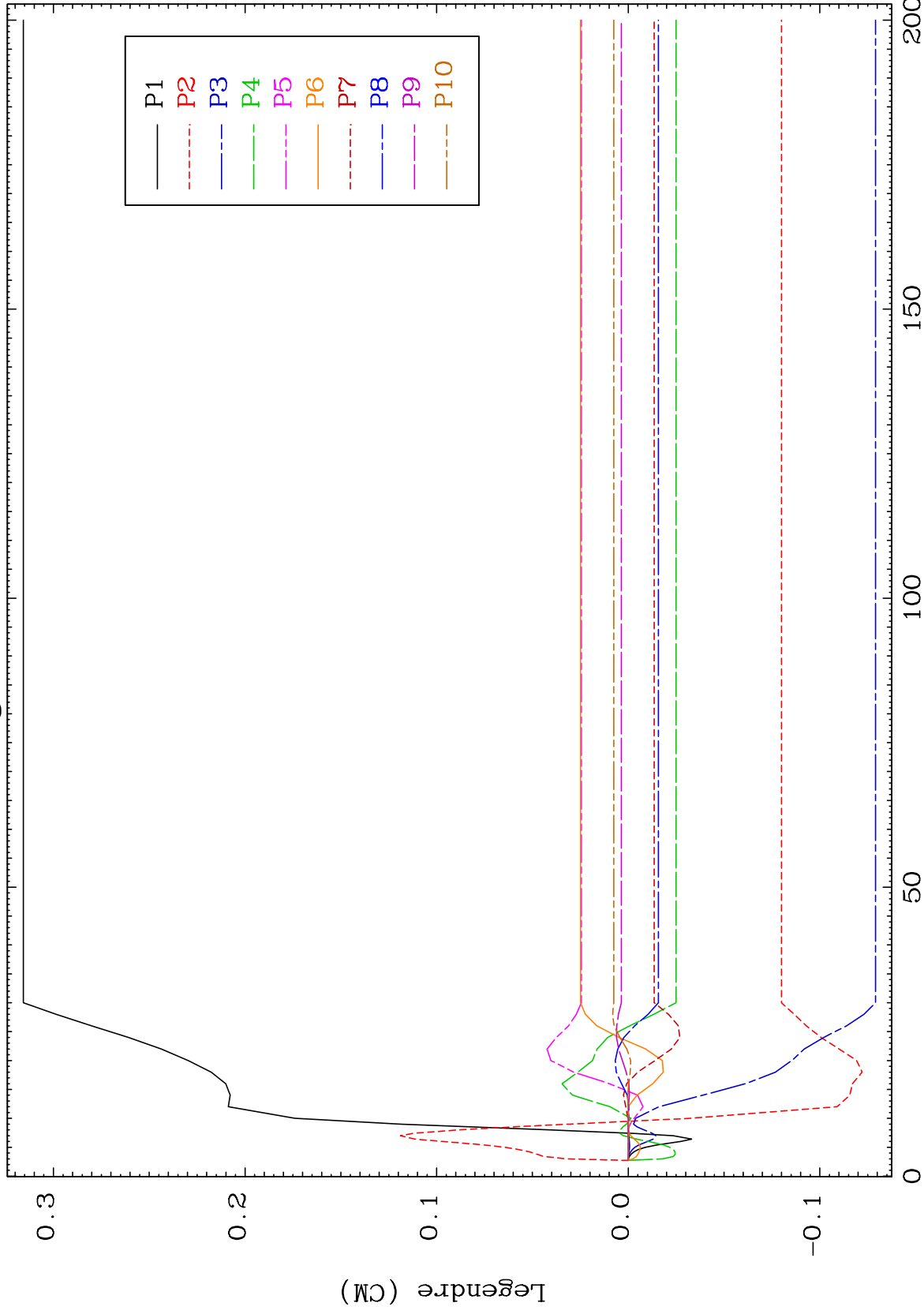
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



107

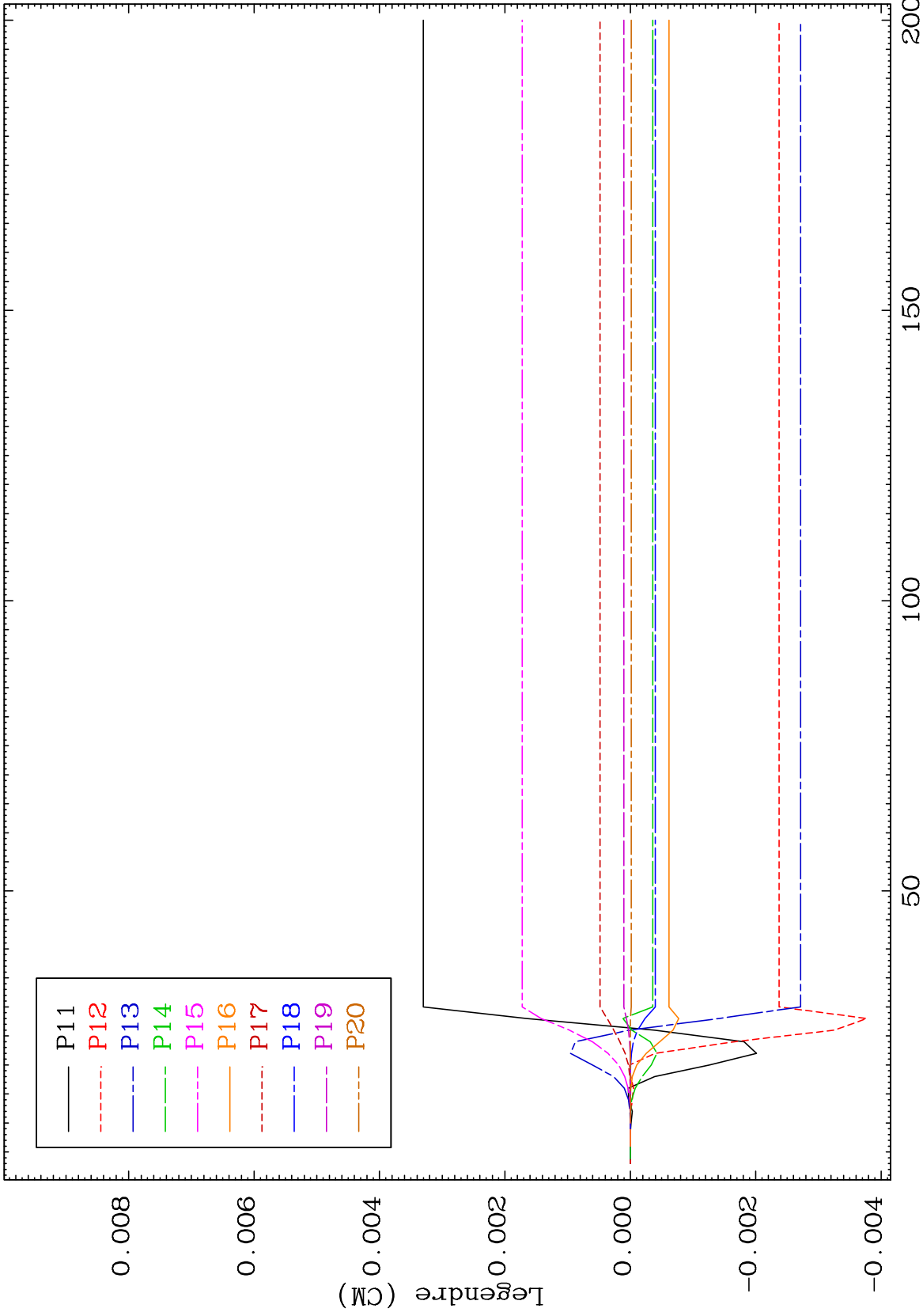
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



108

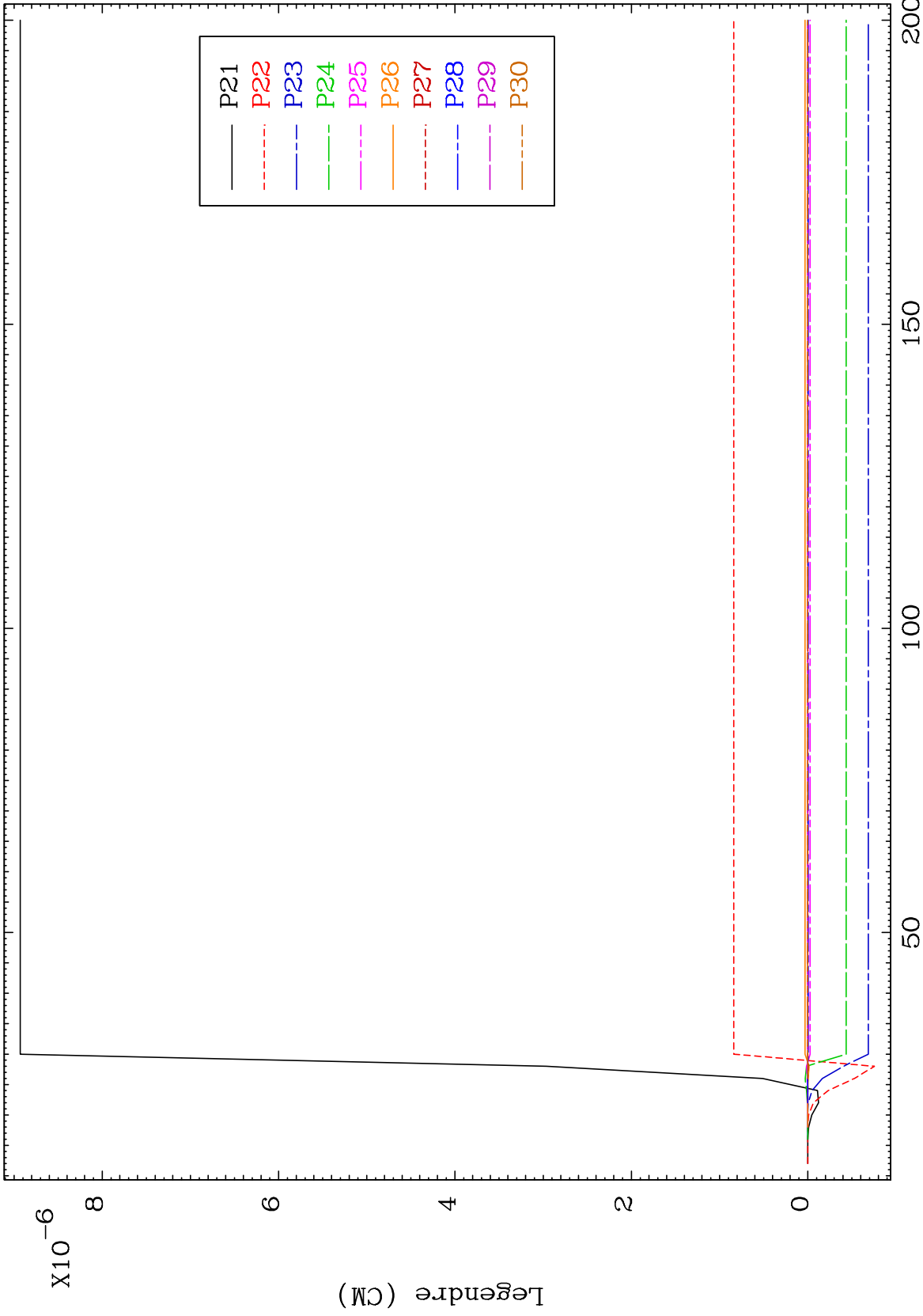
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



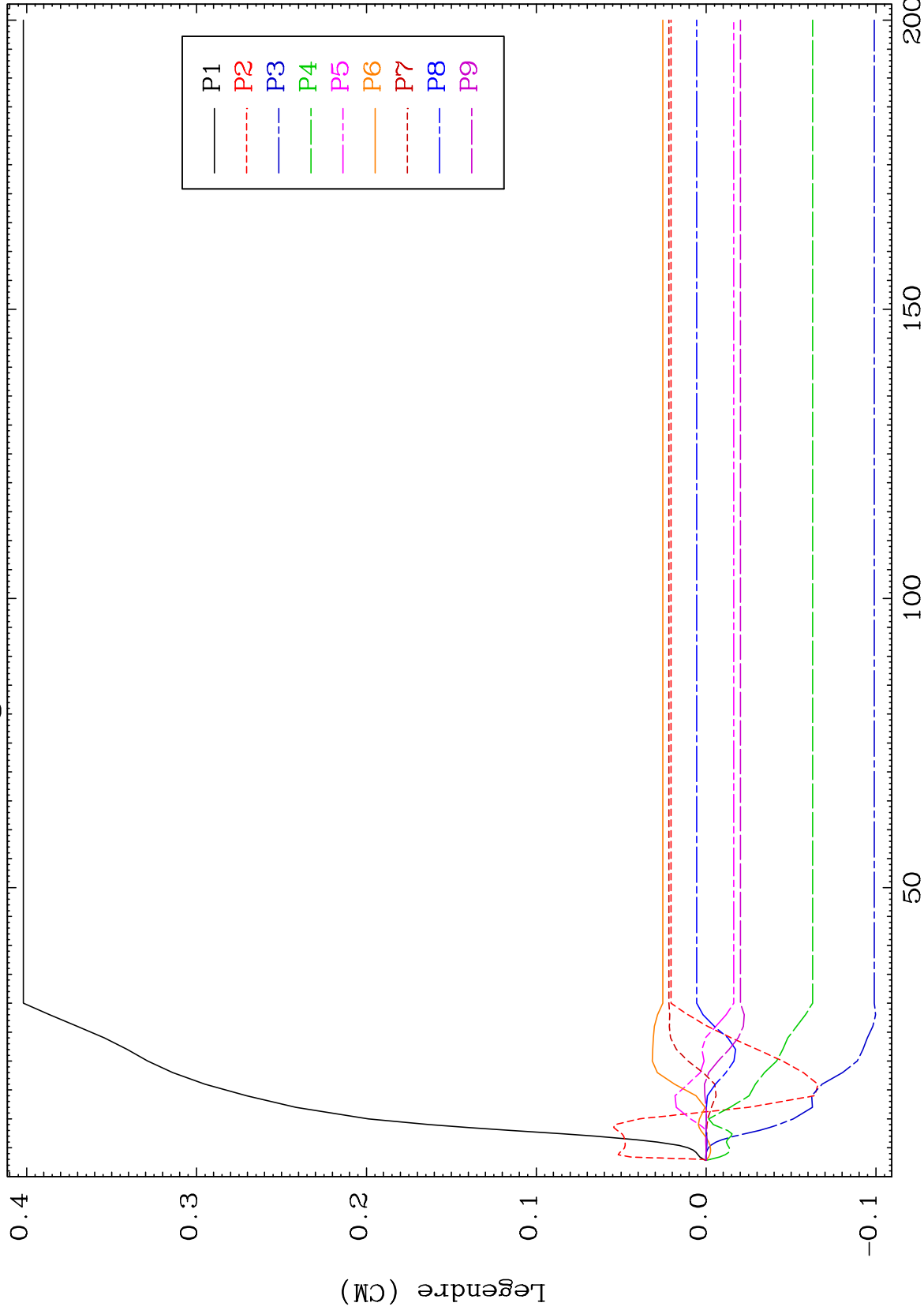
109

84-Po-208

MAT 8431

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

84-Po-208



110

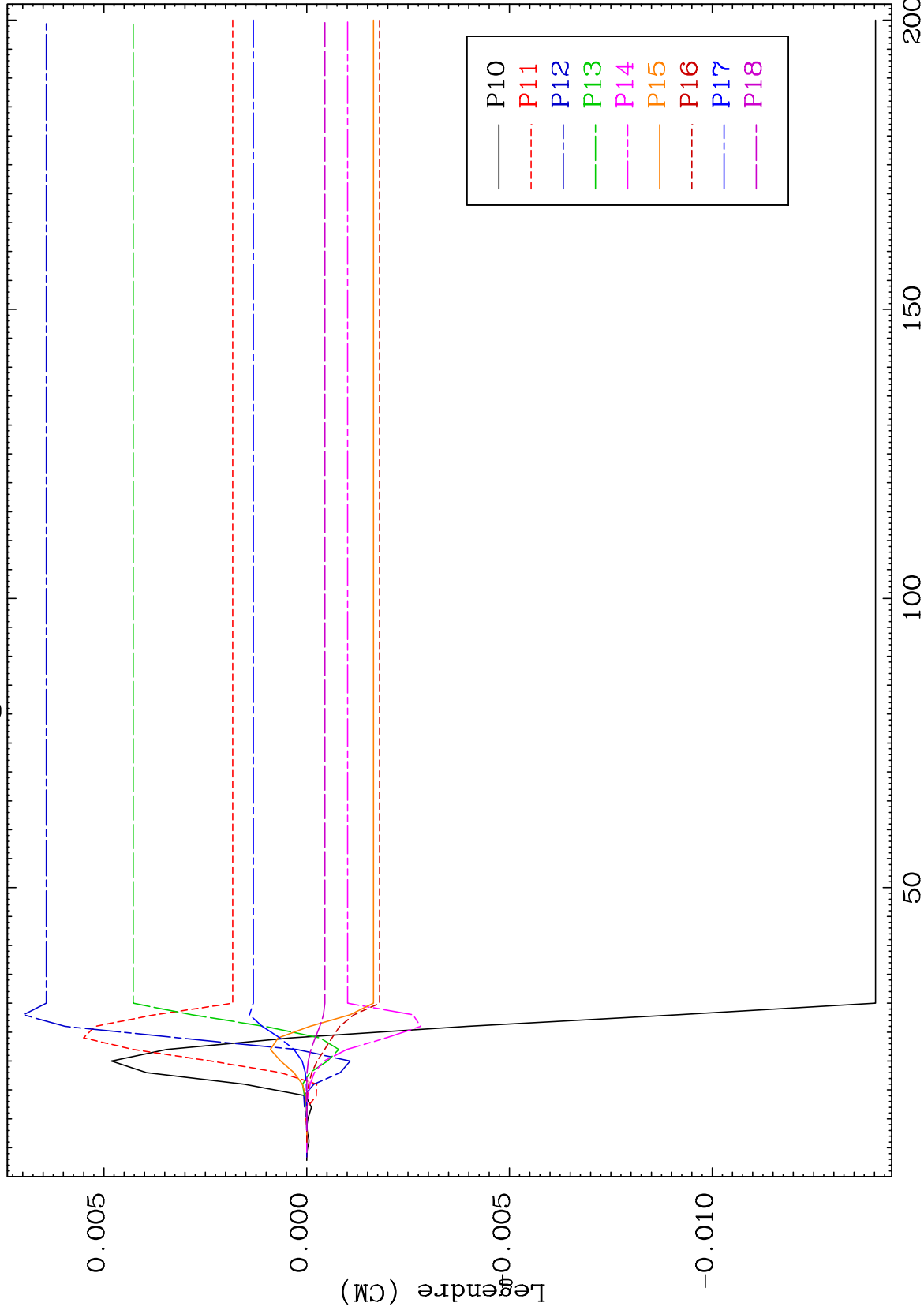
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



111

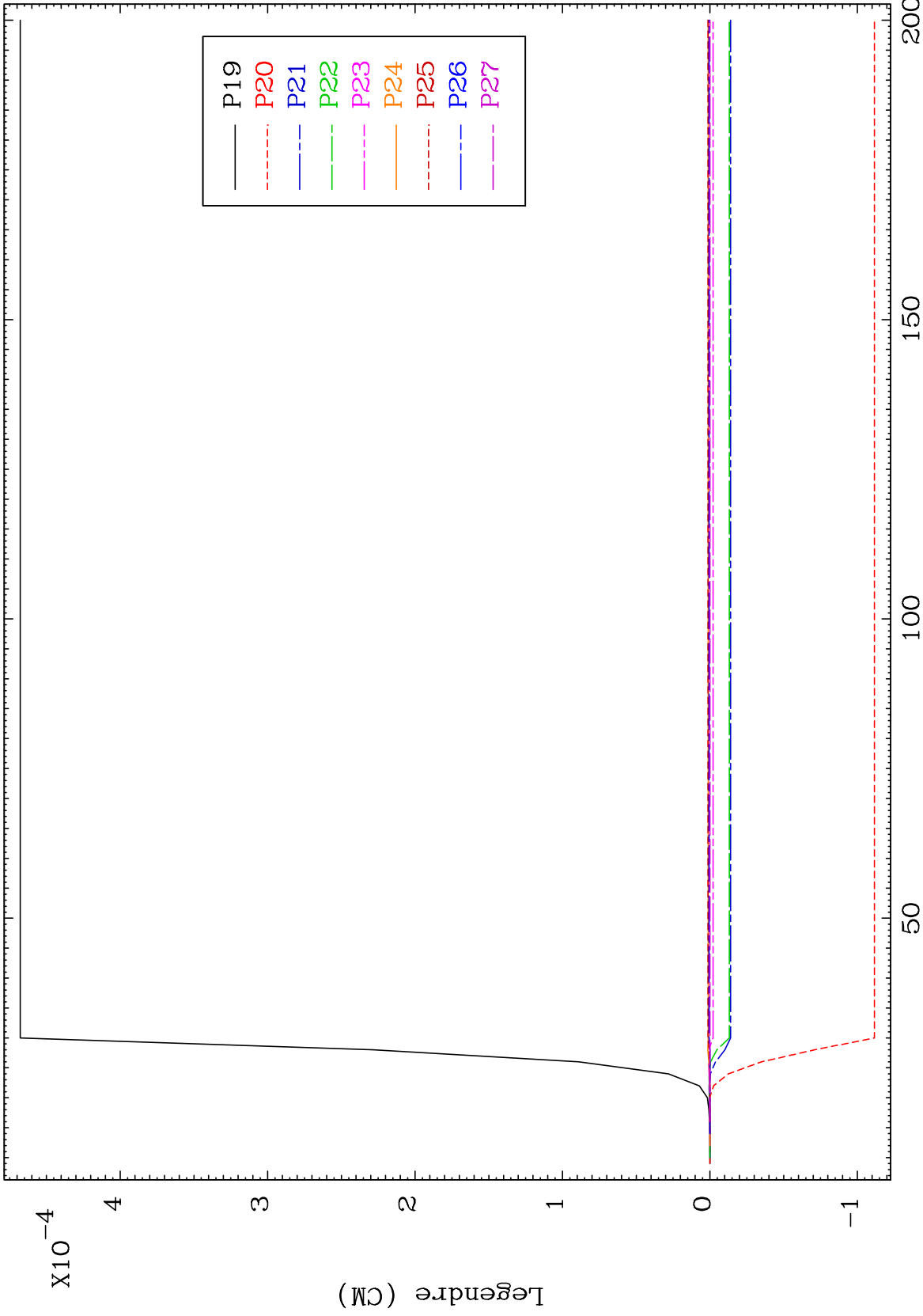
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



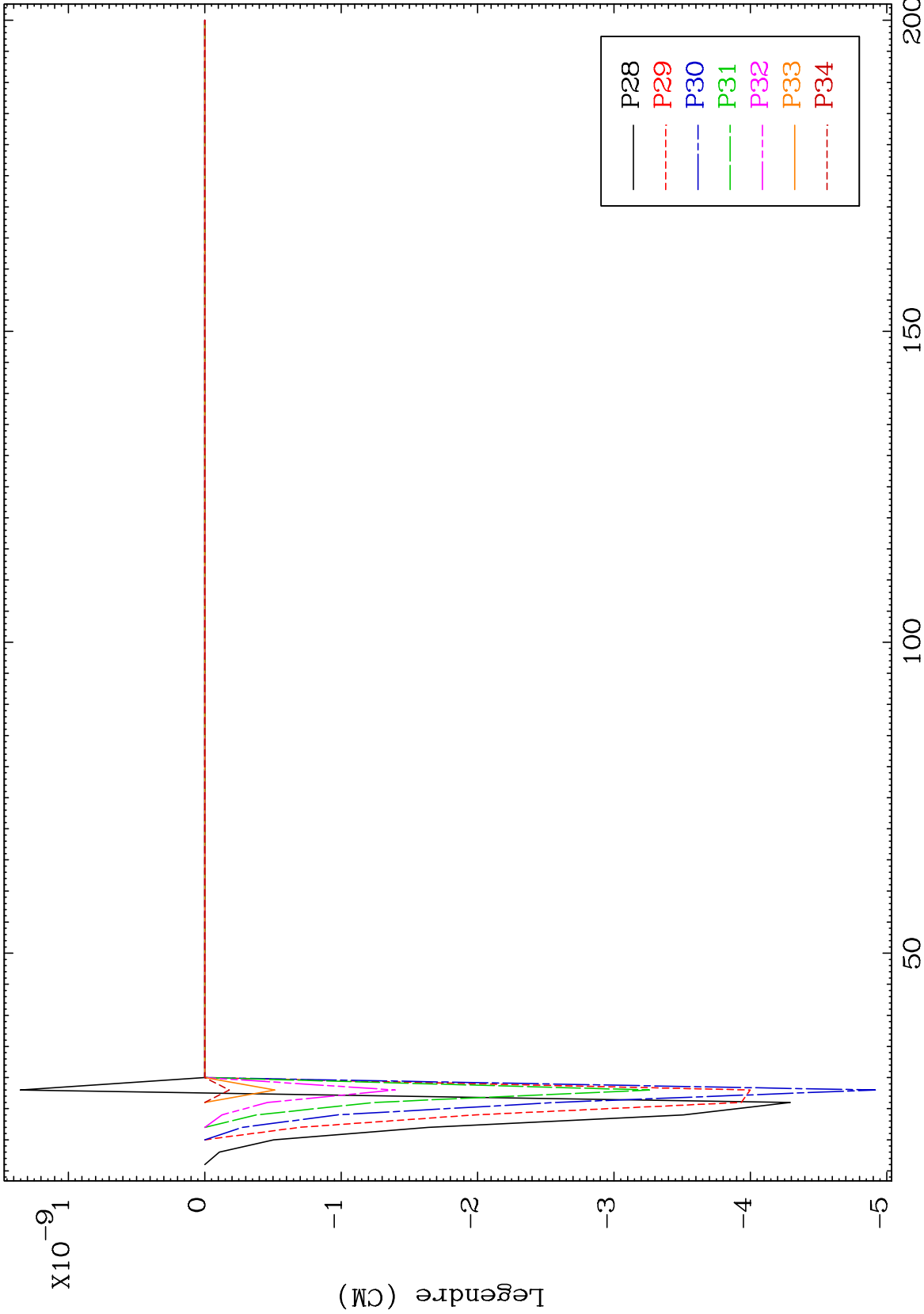
112

84-Po-208

MAT 8431

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

84-Po-208



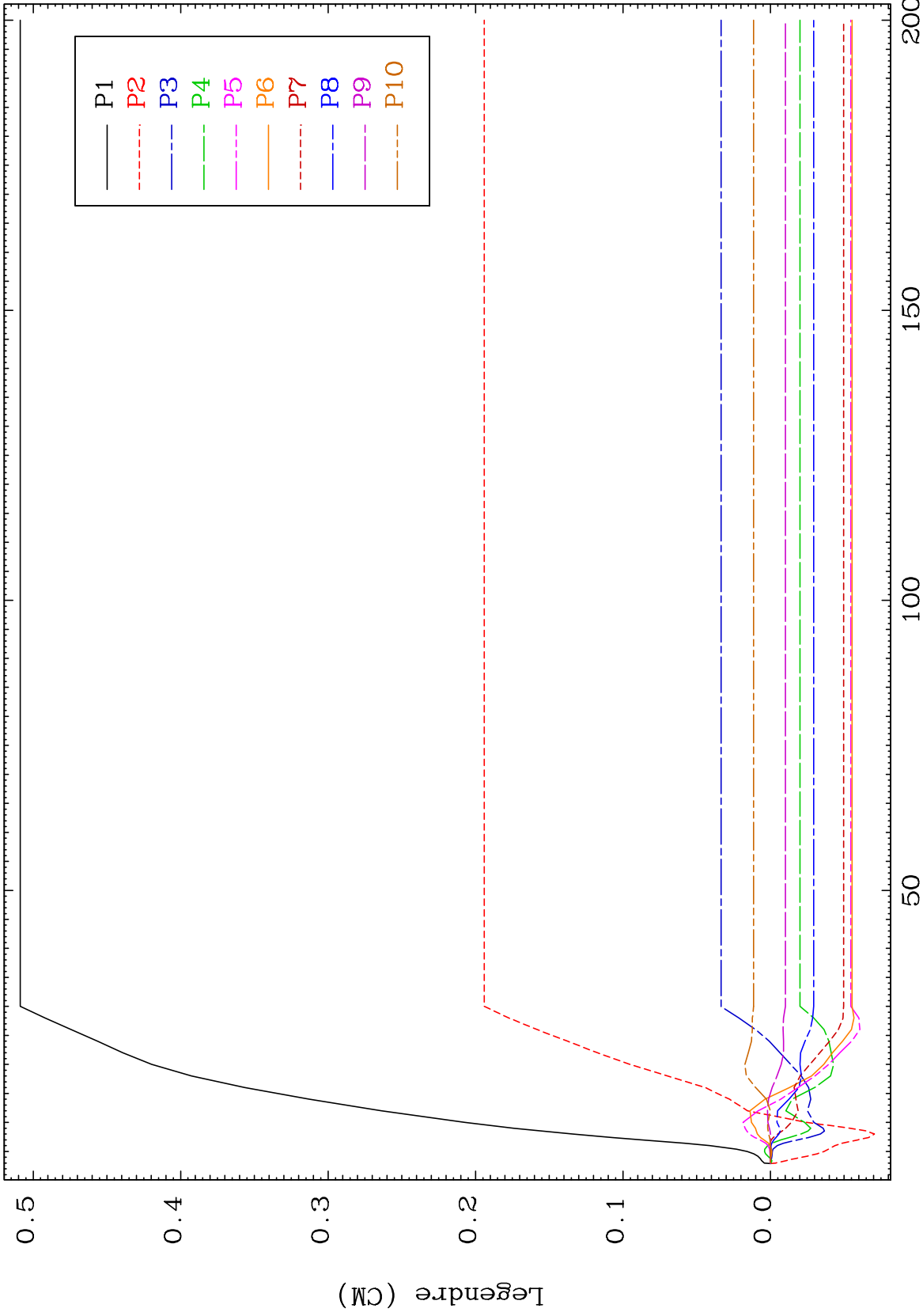
113

84-Po-208

MAT 8431

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

84-Po-208



114

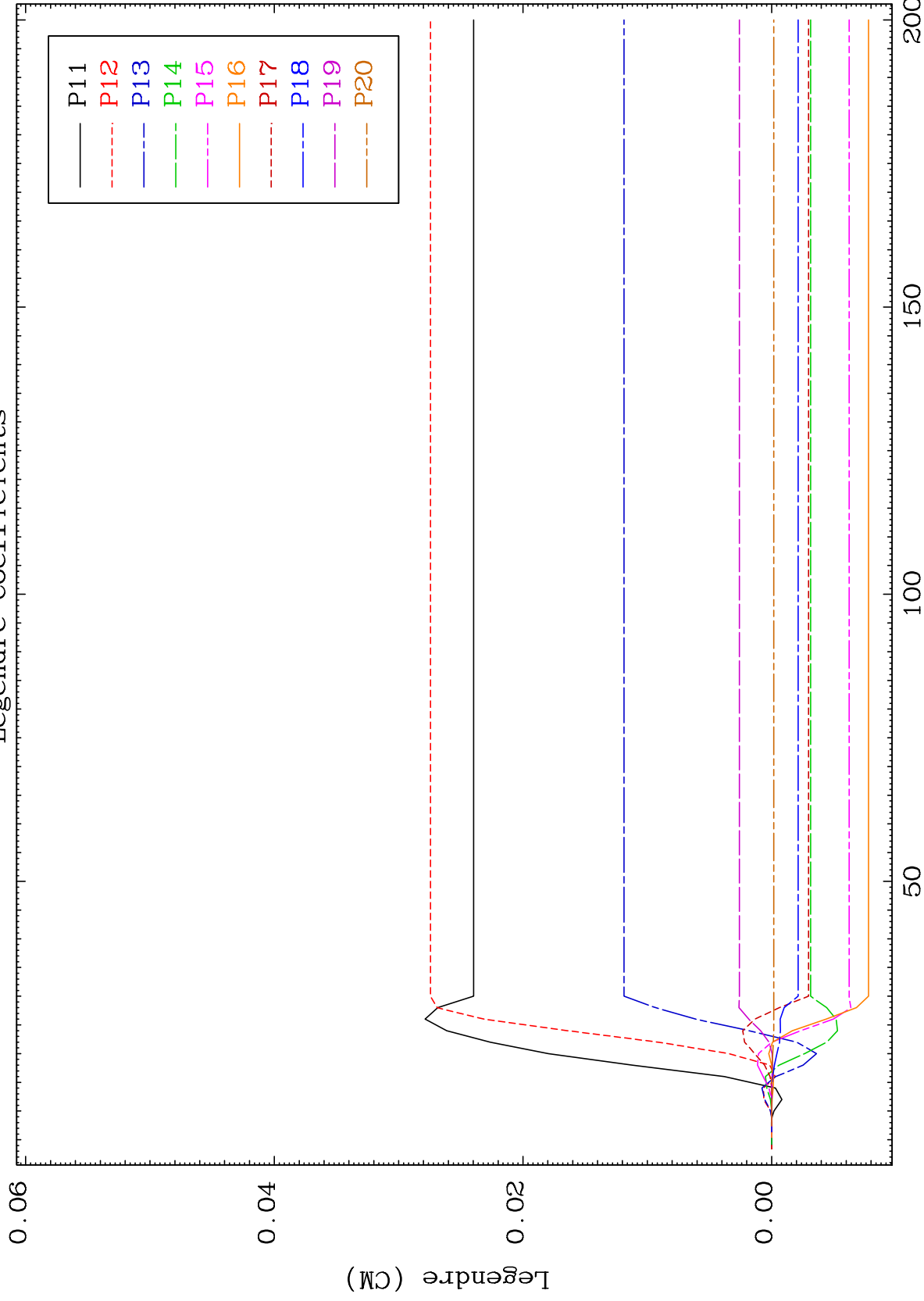
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



115

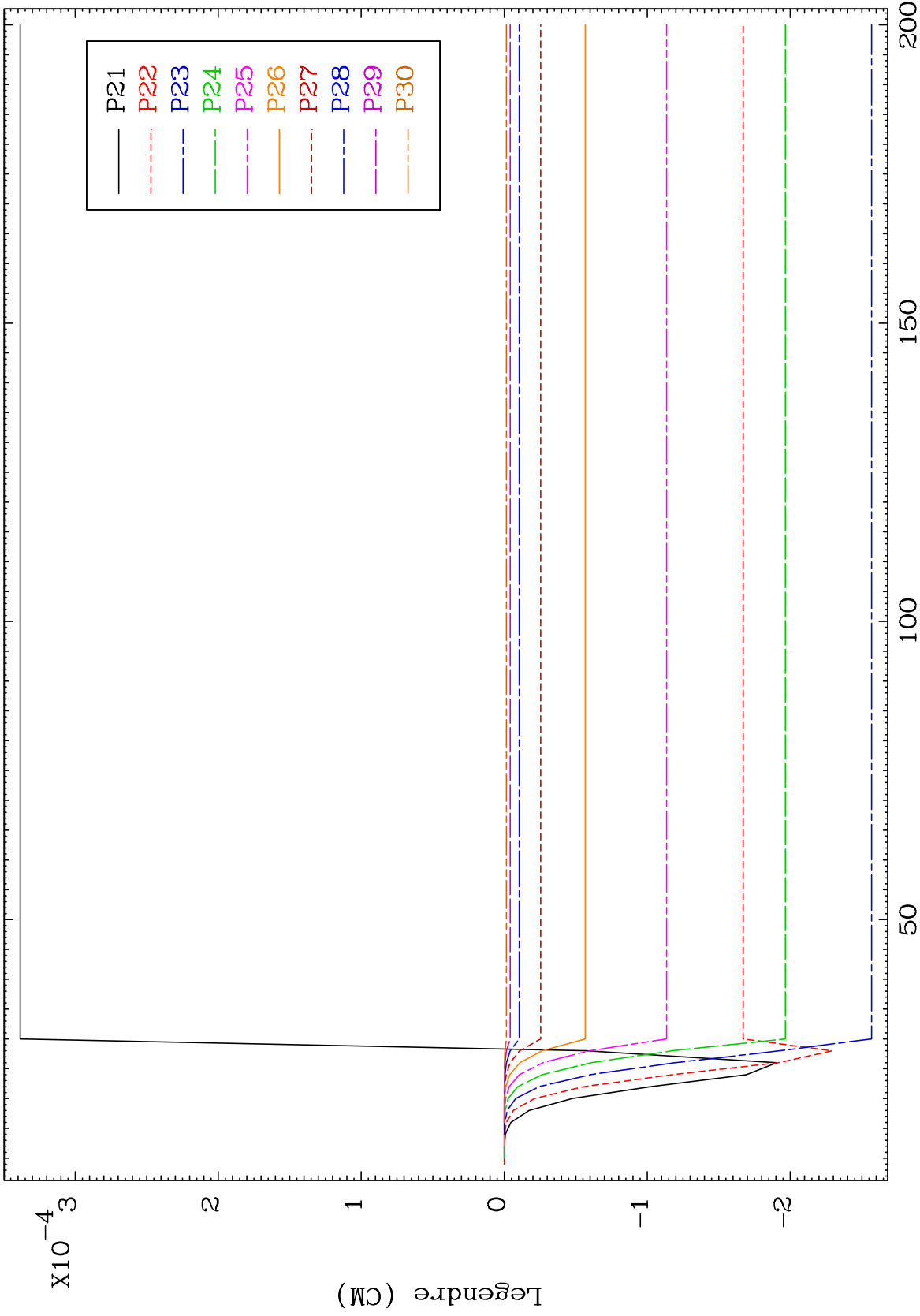
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



116

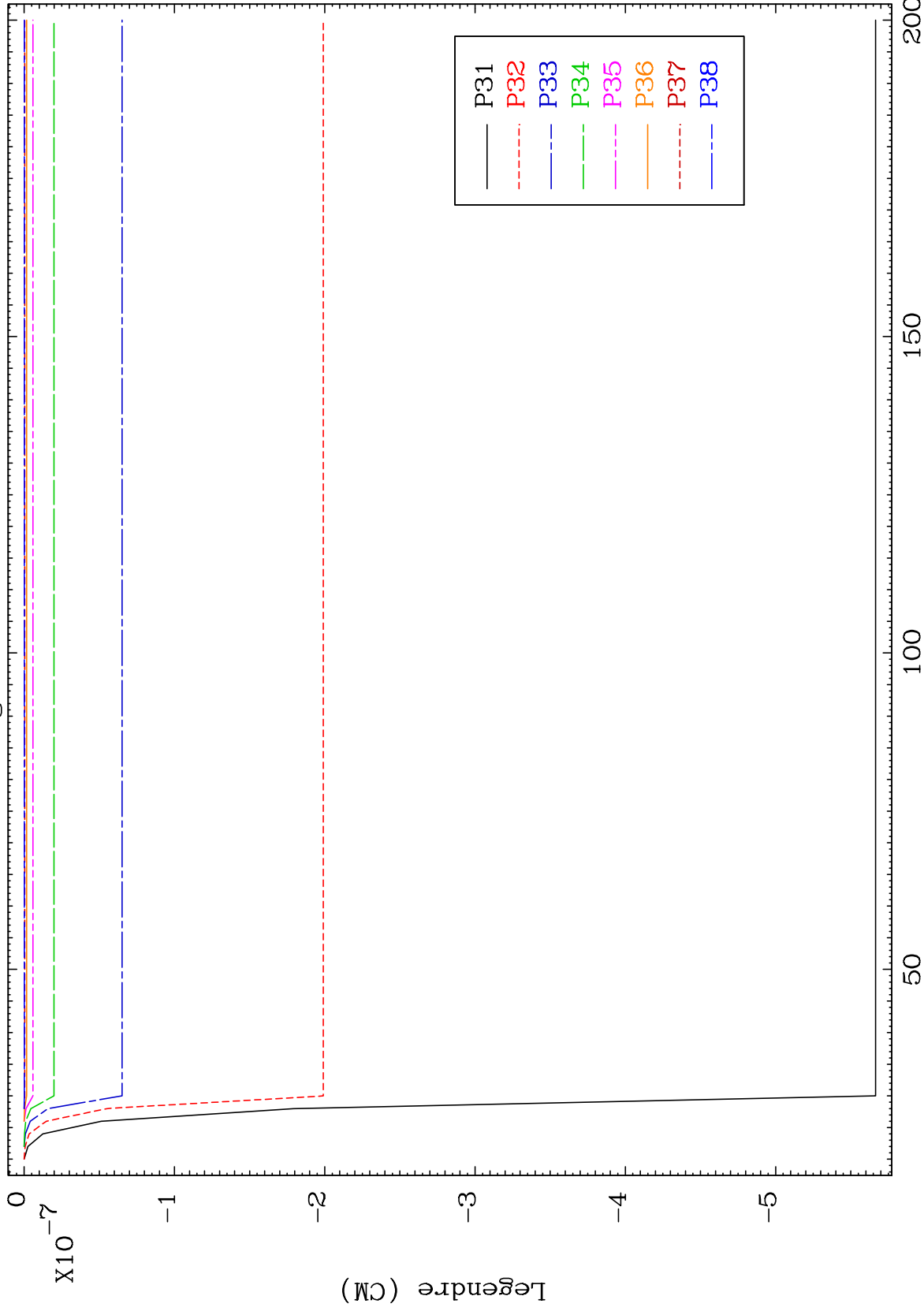
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



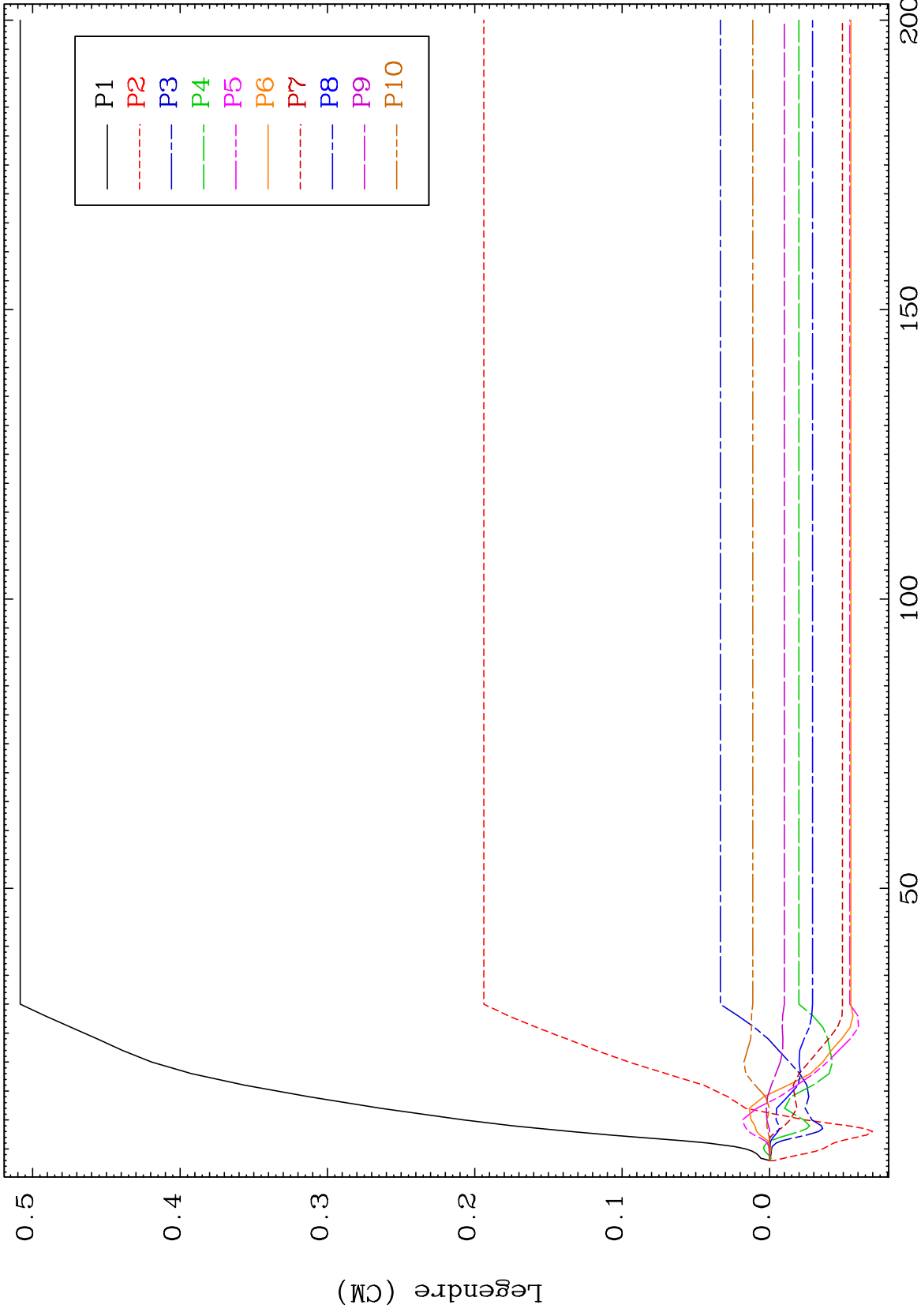
117

84-Po-208

MAT 8431

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

84-Po-208



118

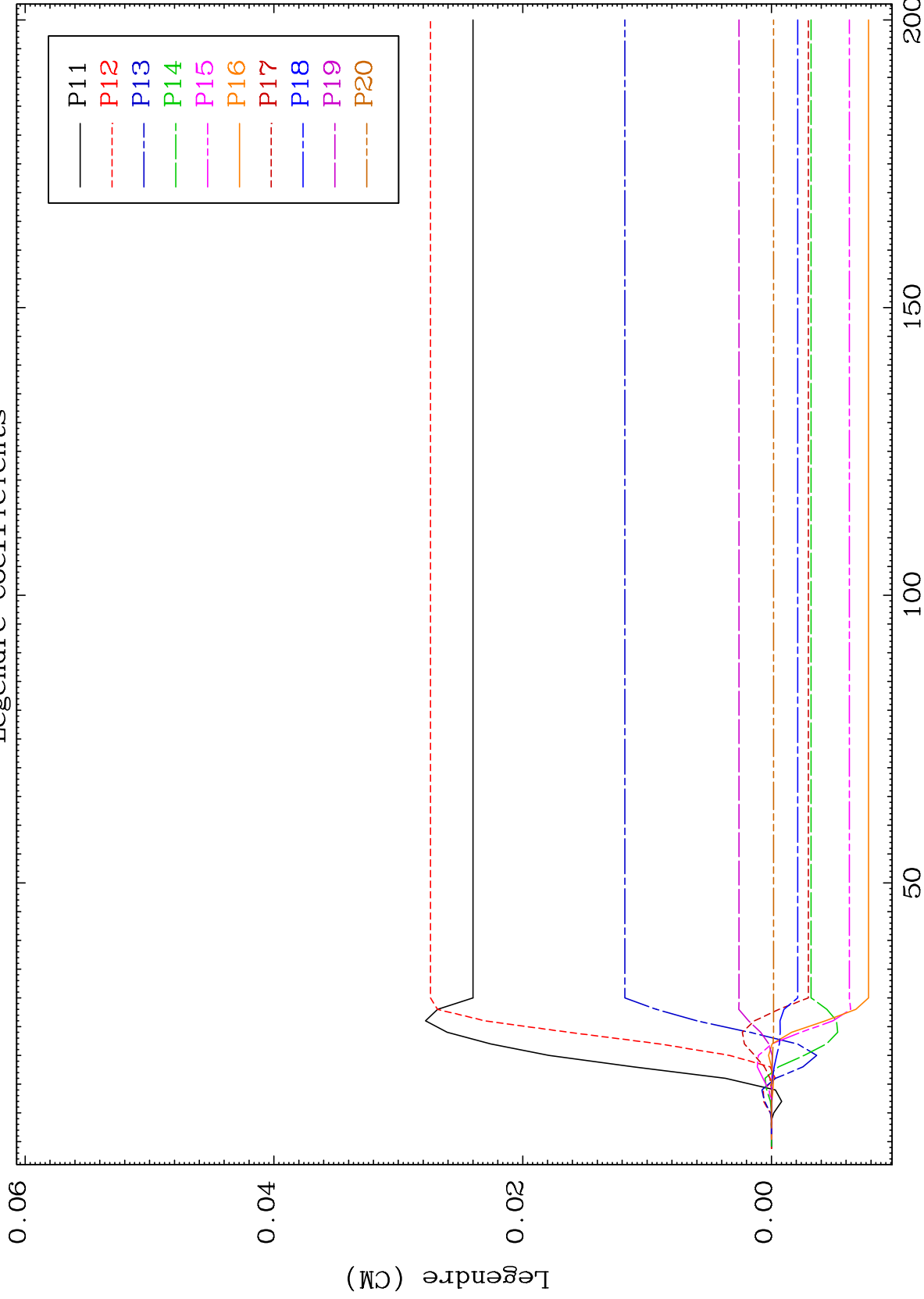
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



119

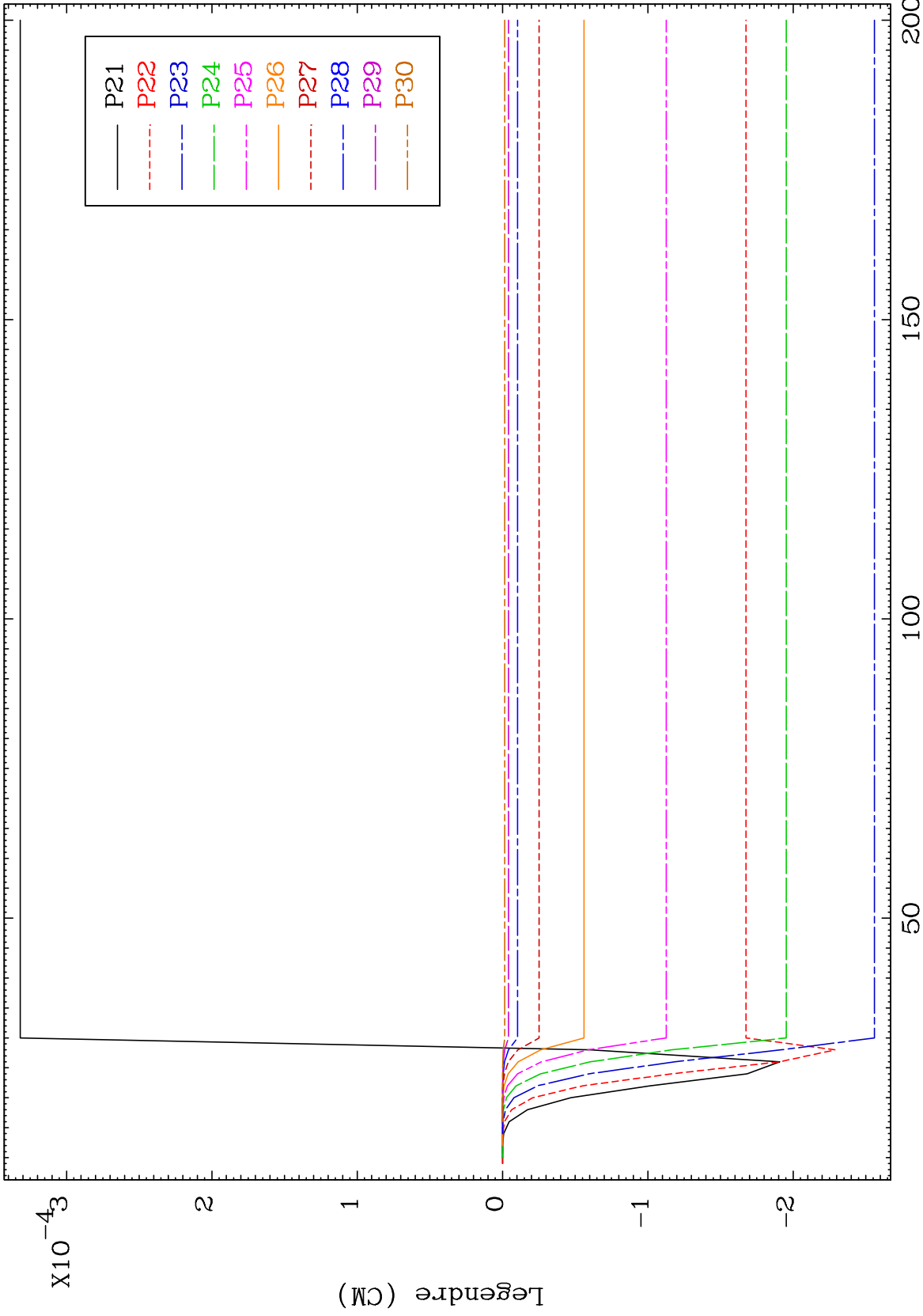
Incident Energy (MeV)

84-Po-208

MAT 8431

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

84-Po-208



120

50

100

150

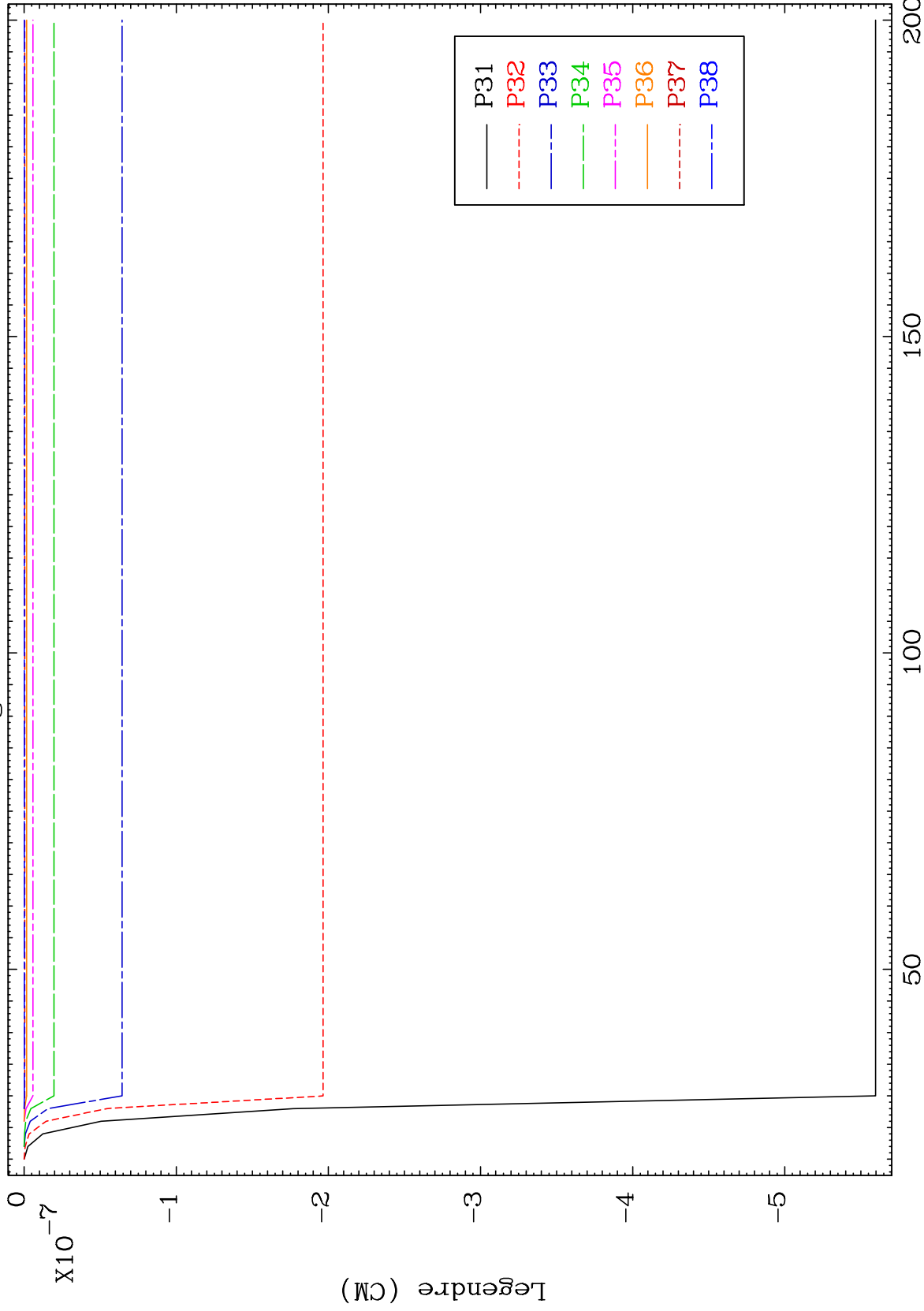
200

84-Po-208

MAT 8431

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

84-Po-208



121

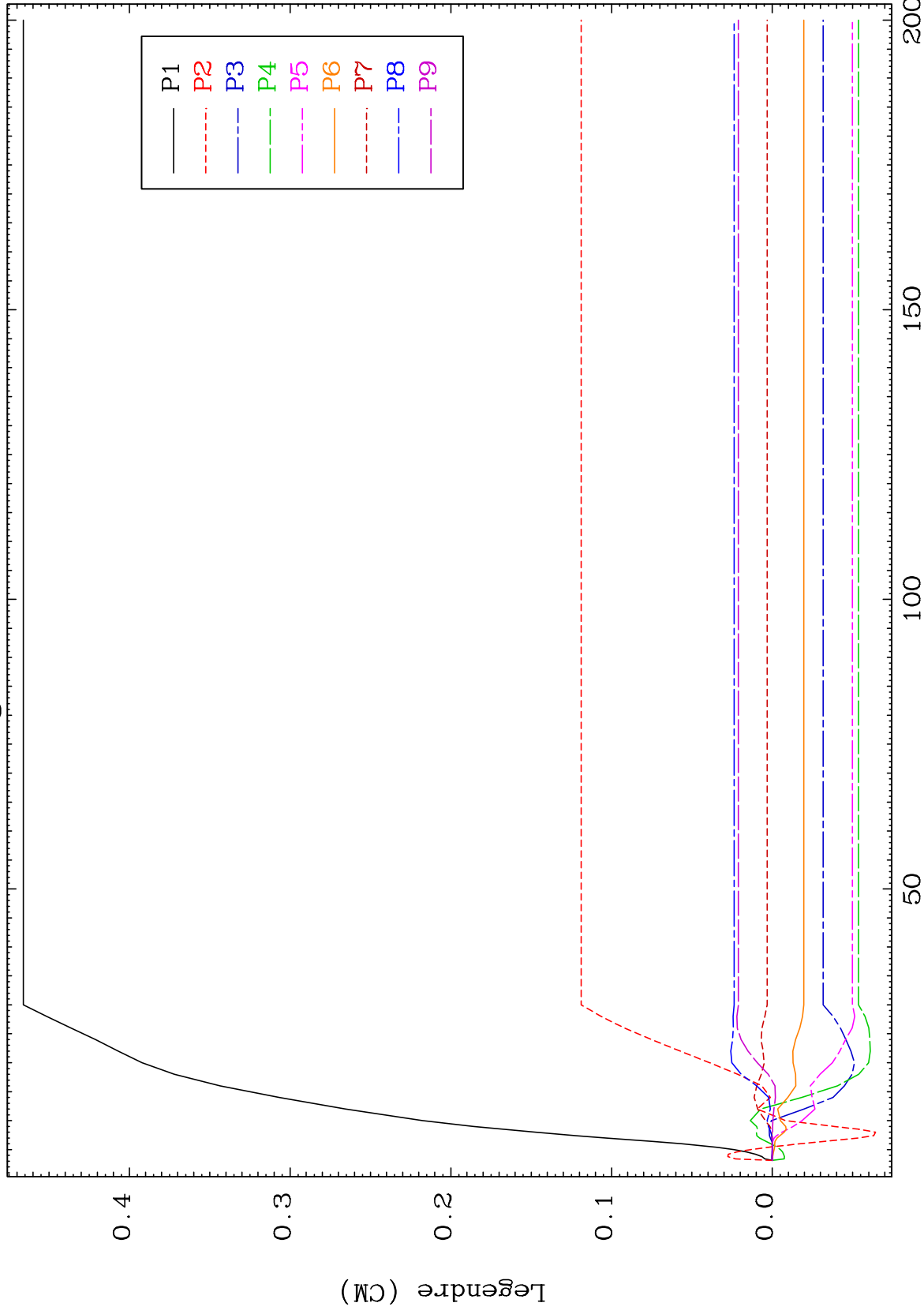
Incident Energy (MeV)

84-Po-208

MAT 8431

MT= 79 (n,n') Level
Legendre Coefficients

84-Po-208



84-Po-208

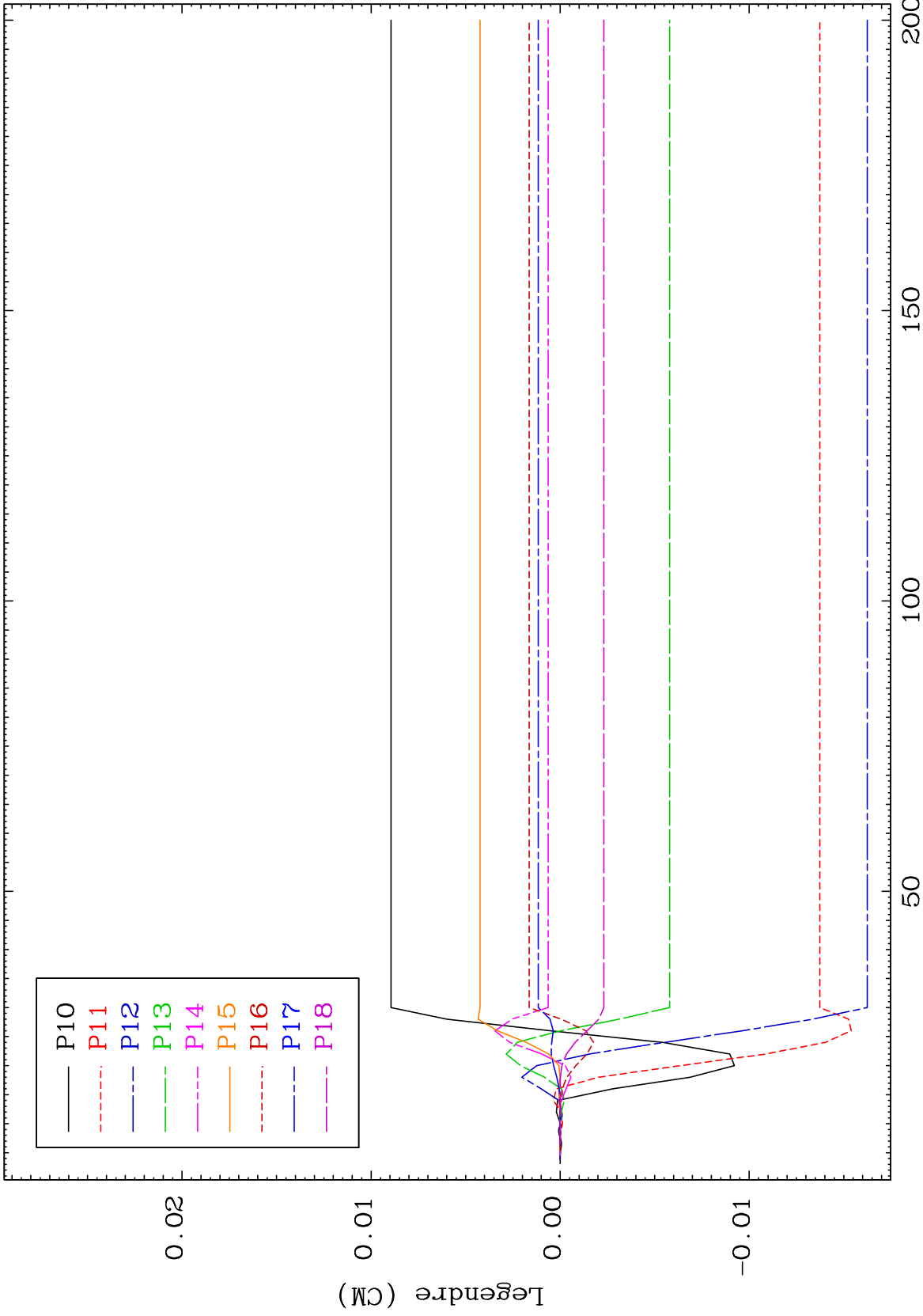
Incident Energy (MeV)

122

MAT 8431

MT= 79 (n,n') Level
Legendre Coefficients

84-Po-208



123

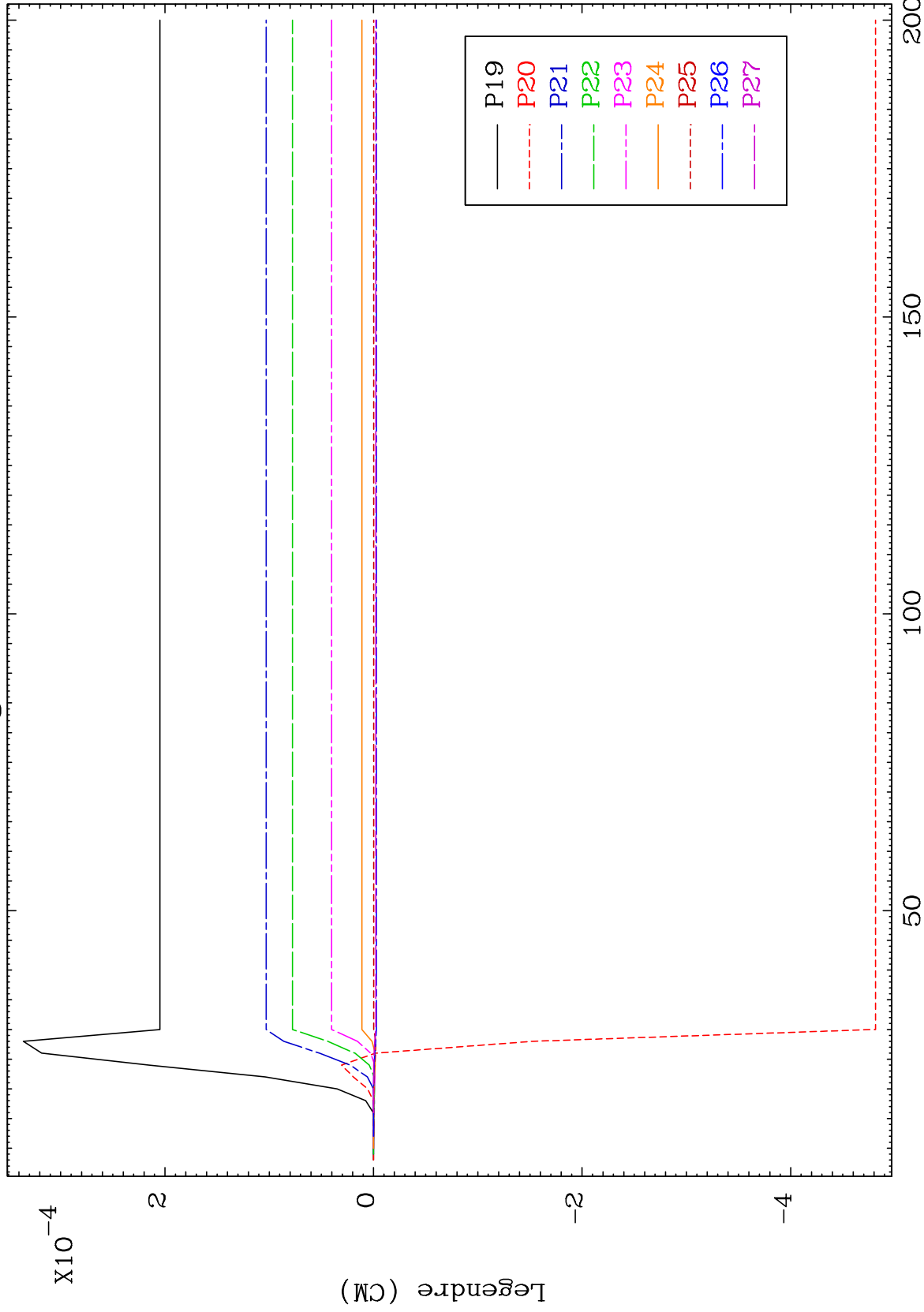
84-Po-208

84-Po-208

MAT 8431

MT= 79 (n,n') Level
Legendre Coefficients

84-Po-208



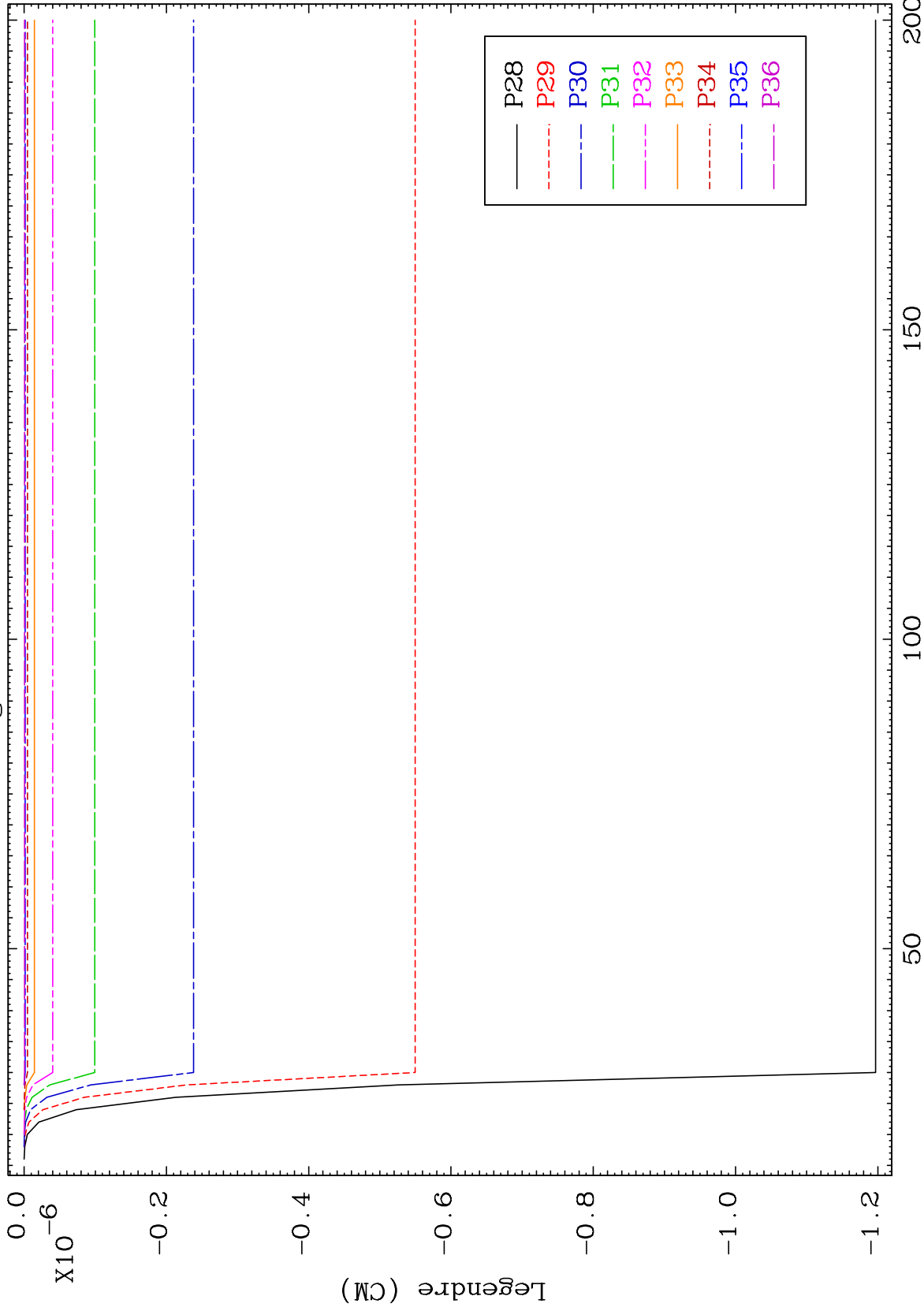
124

84-Po-208

MAT 8431

MT= 79 (n,n') Level
Legendre Coefficients

84-Po-208



125

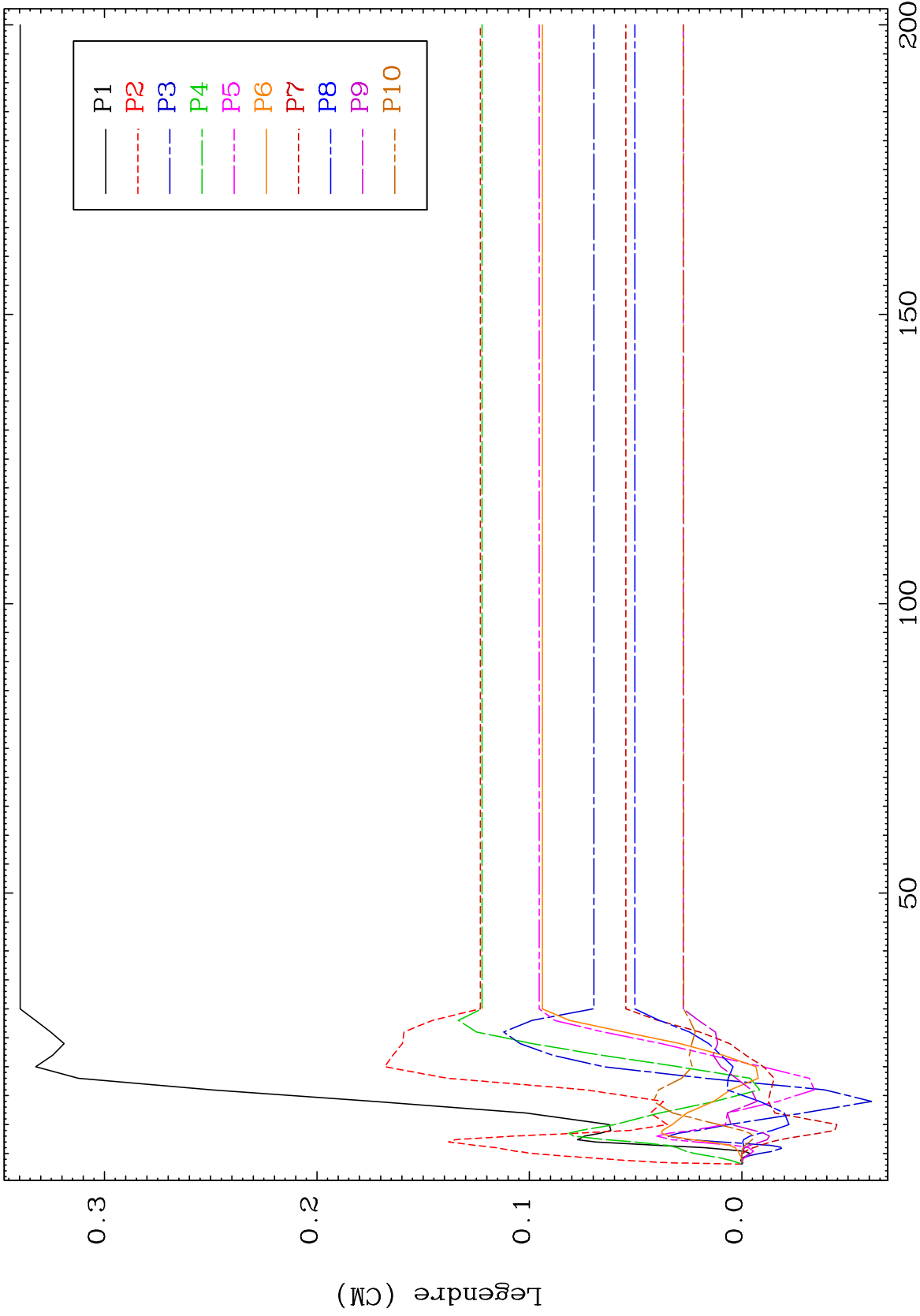
Incident Energy (MeV)

84-Po-208

MAT 8431

MT= 80 (n,n') Level
Legendre Coefficients

84-Po-208



126

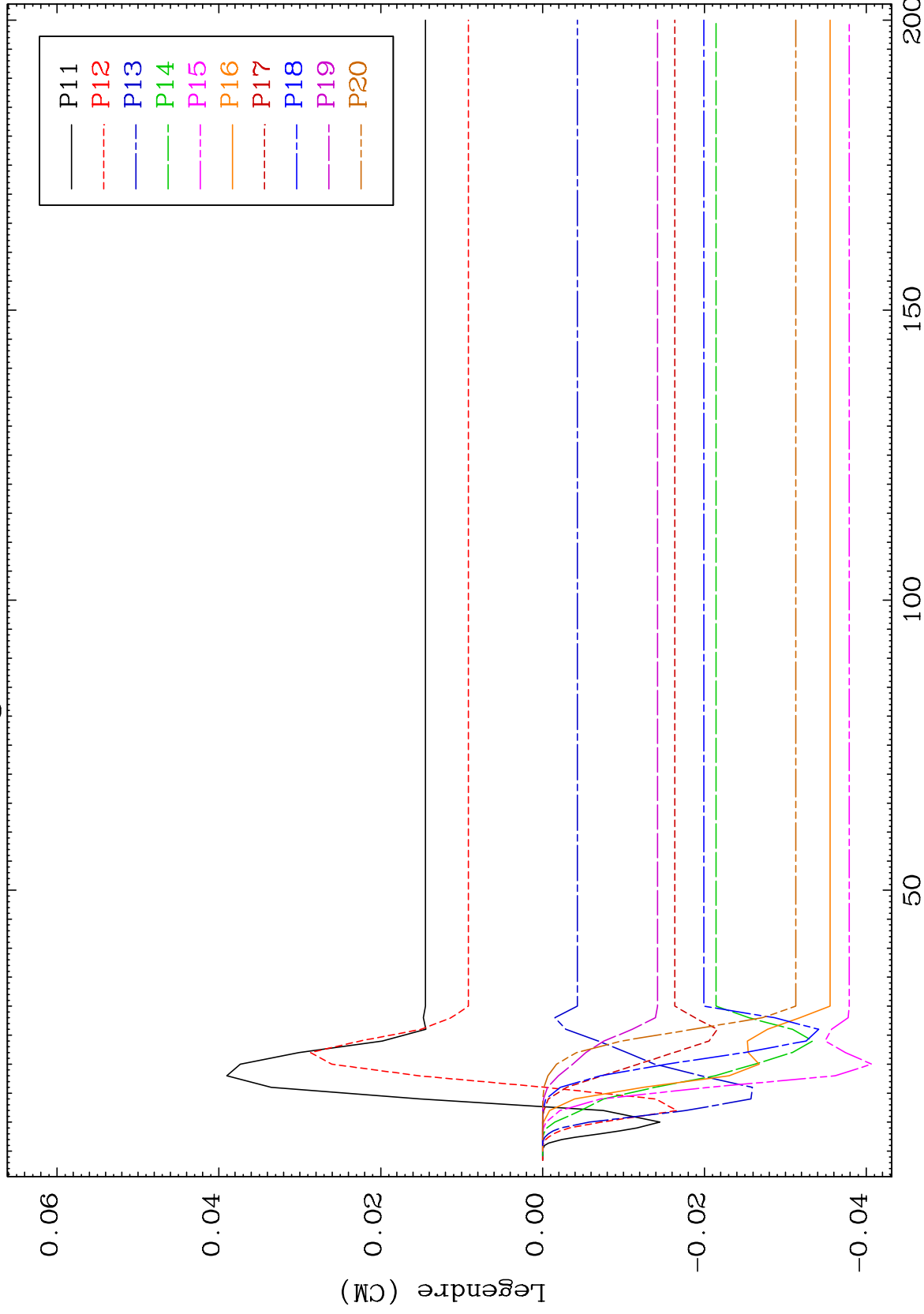
Incident Energy (MeV)

84-Po-208

MAT 8431

MT= 80 (n,n') Level
Legendre Coefficients

84-Po-208



127

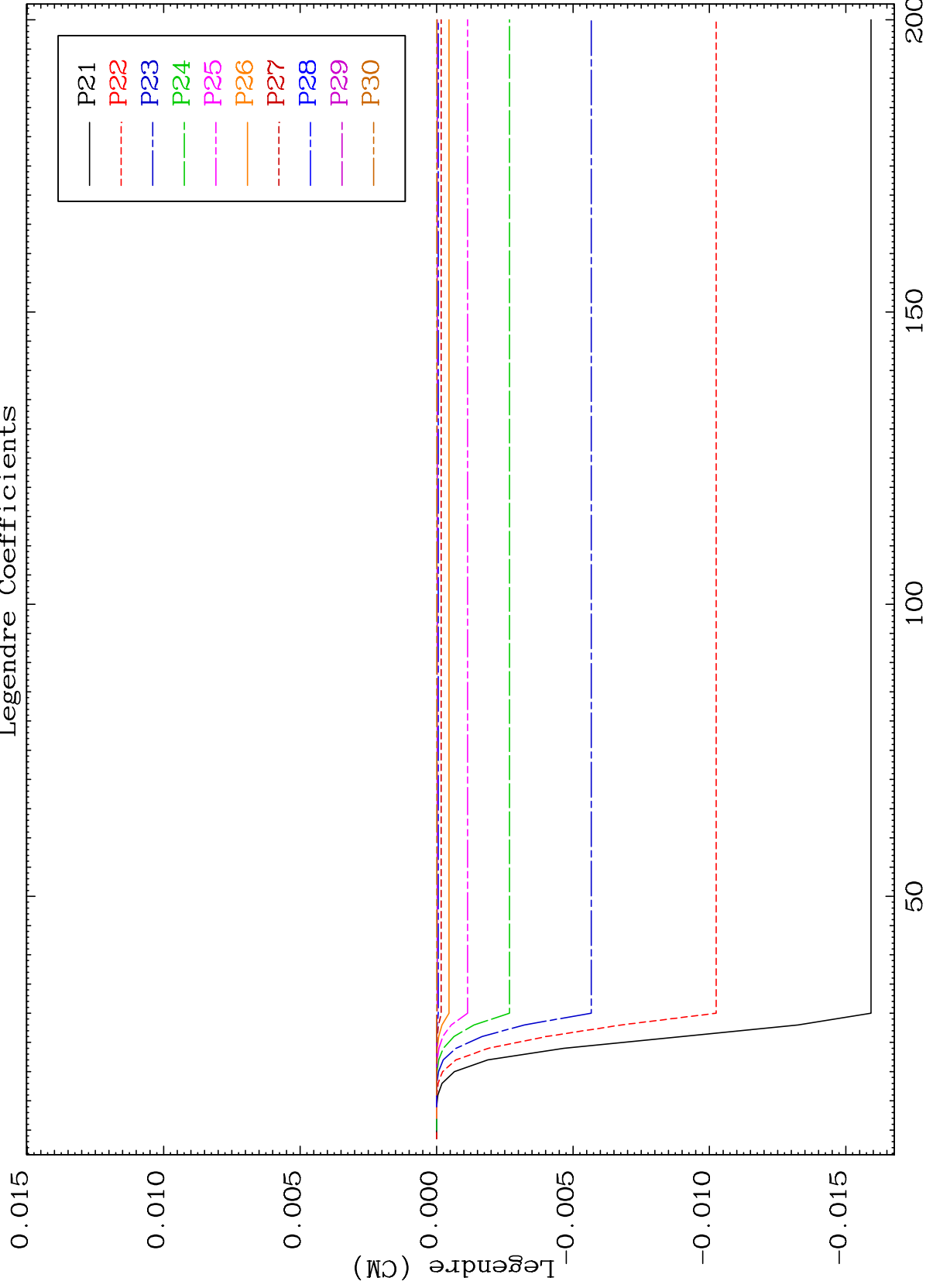
Incident Energy (MeV)

84-Po-208

MAT 8431

MT= 80 (n,n') Level
Legendre Coefficients

84-Po-208



128

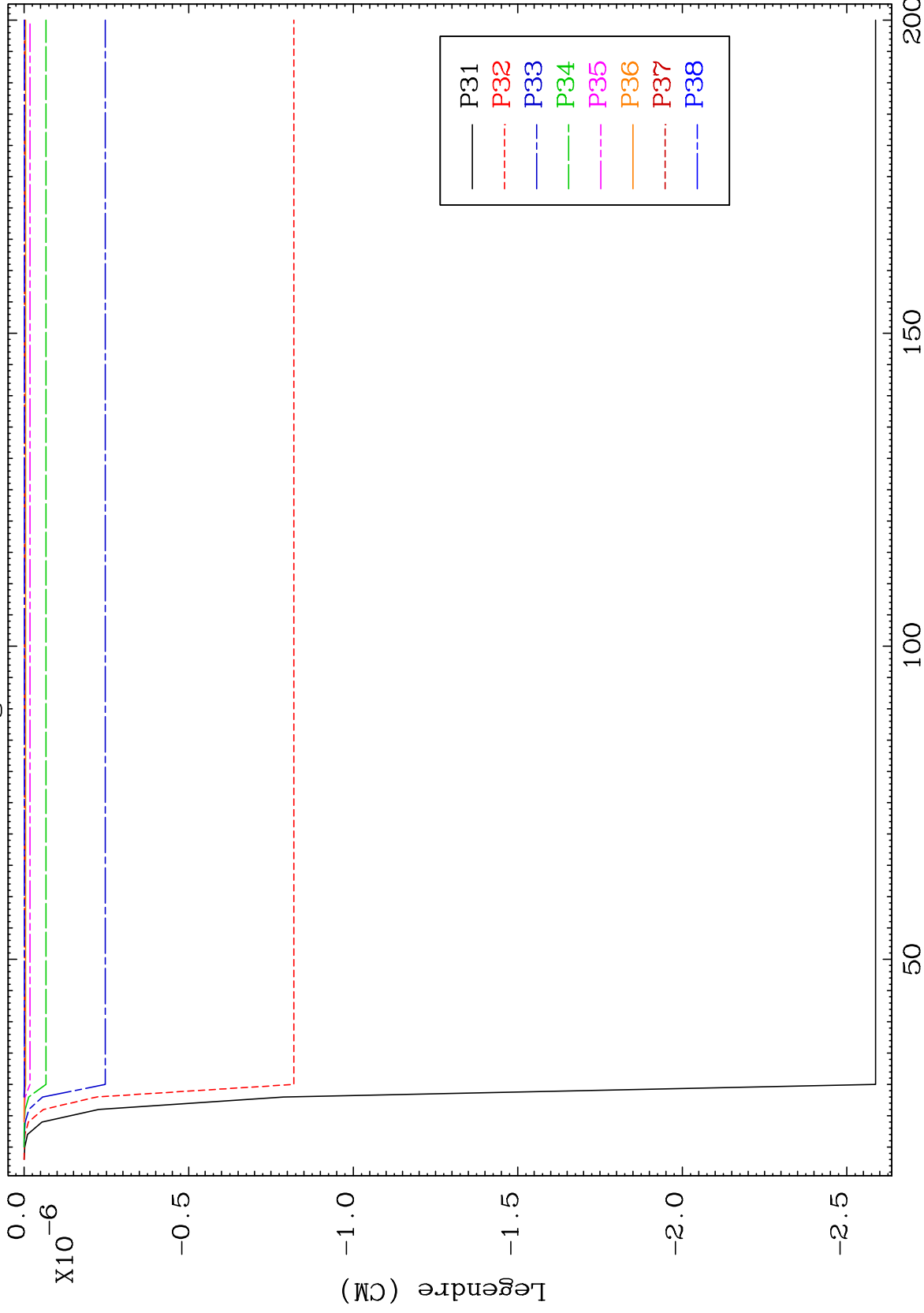
Incident Energy (MeV)

84-Po-208

MAT 8431

MT= 80 (n,n') Level
Legendre Coefficients

84-Po-208



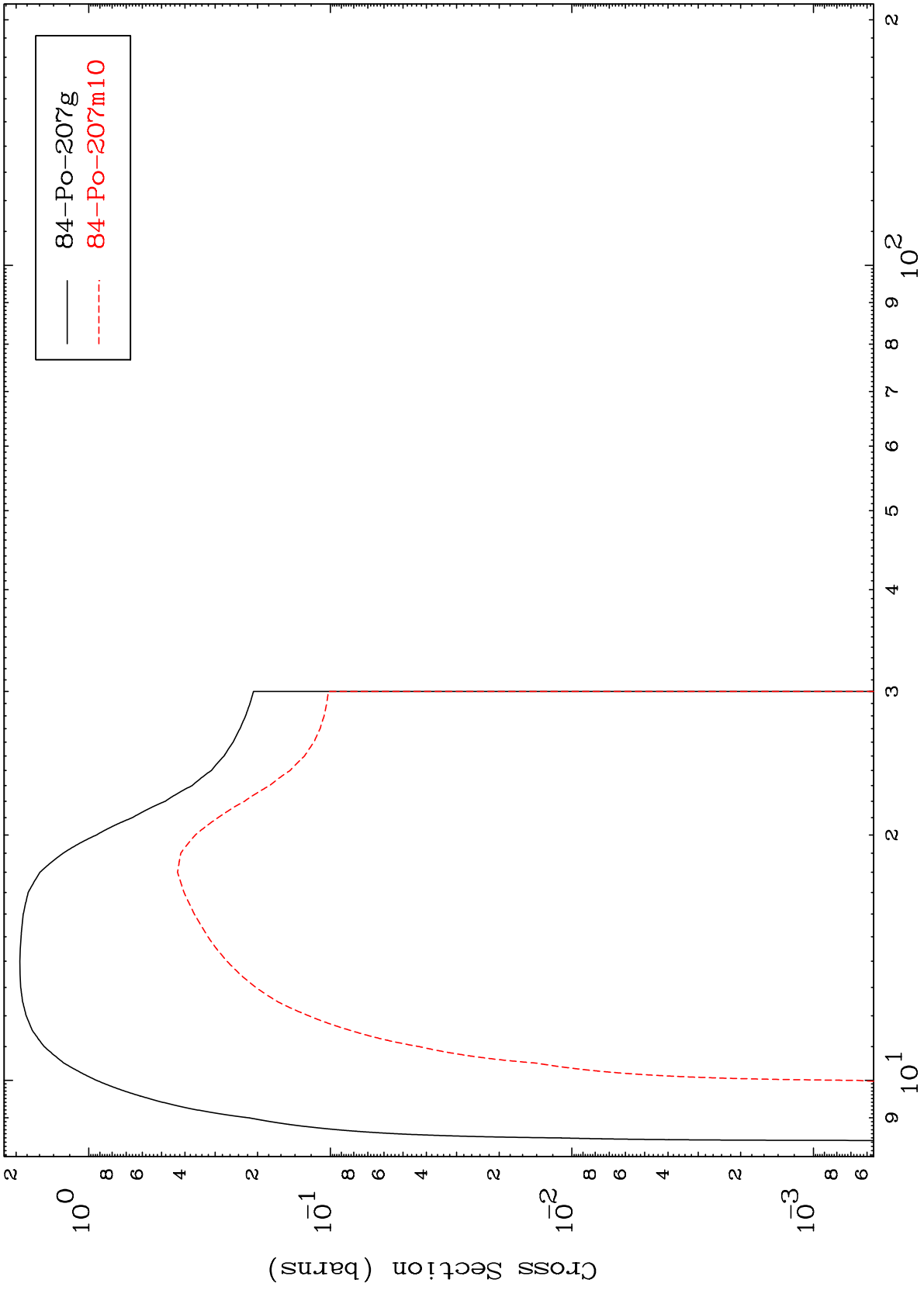
129

84-Po-208

MAT 8431

84-Po-208

(n,2n)
Radionuclide Production Cross Section



130

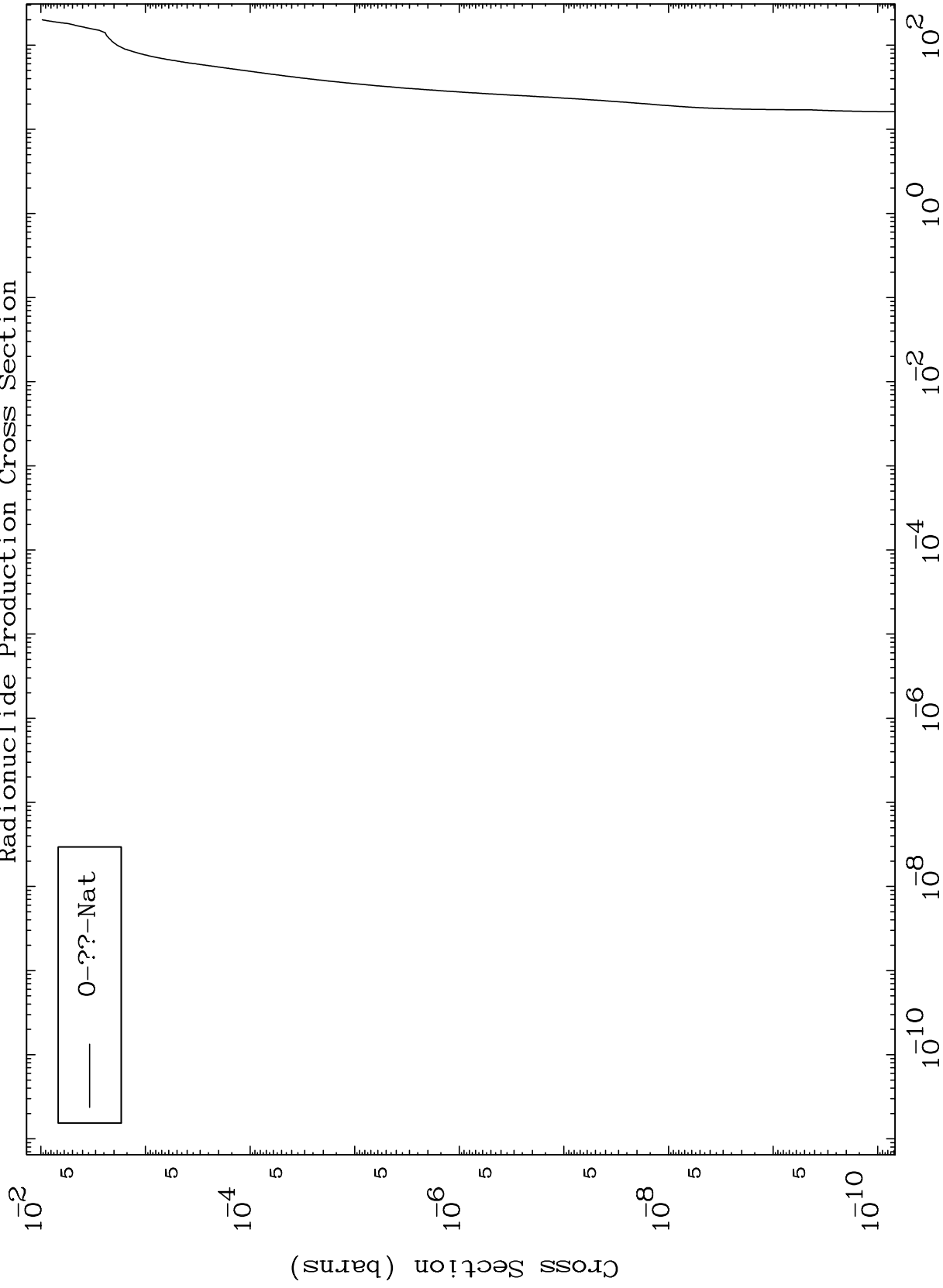
84-Po-208

MAT 8431

Fission

84-Po-208

Radionuclide Production Cross Section



131

Incident Energy (MeV)

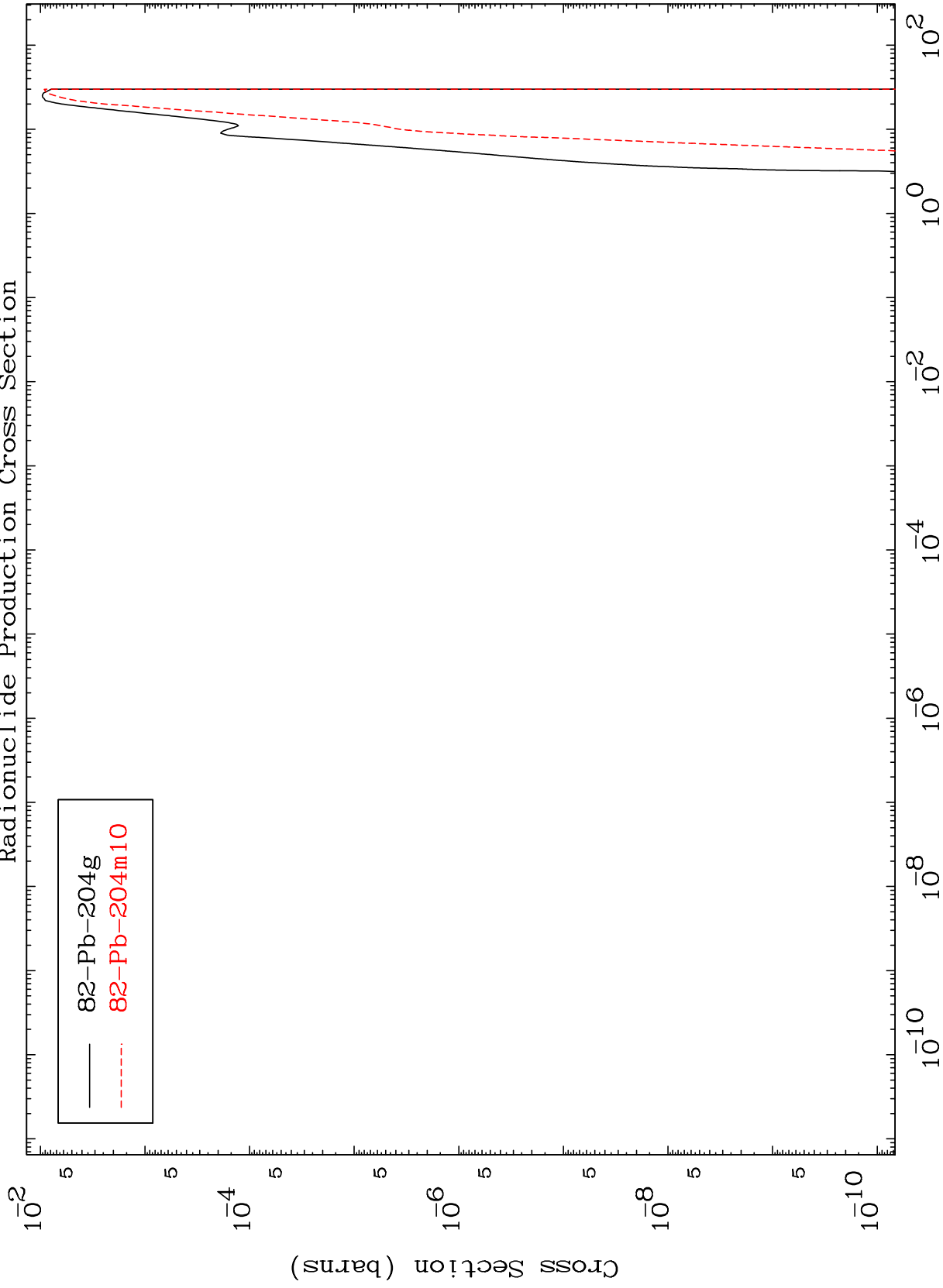
84-Po-208

MAT 8431

(n,n') α

84-Po-208

Radionuclide Production Cross Section



132

Incident Energy (MeV)

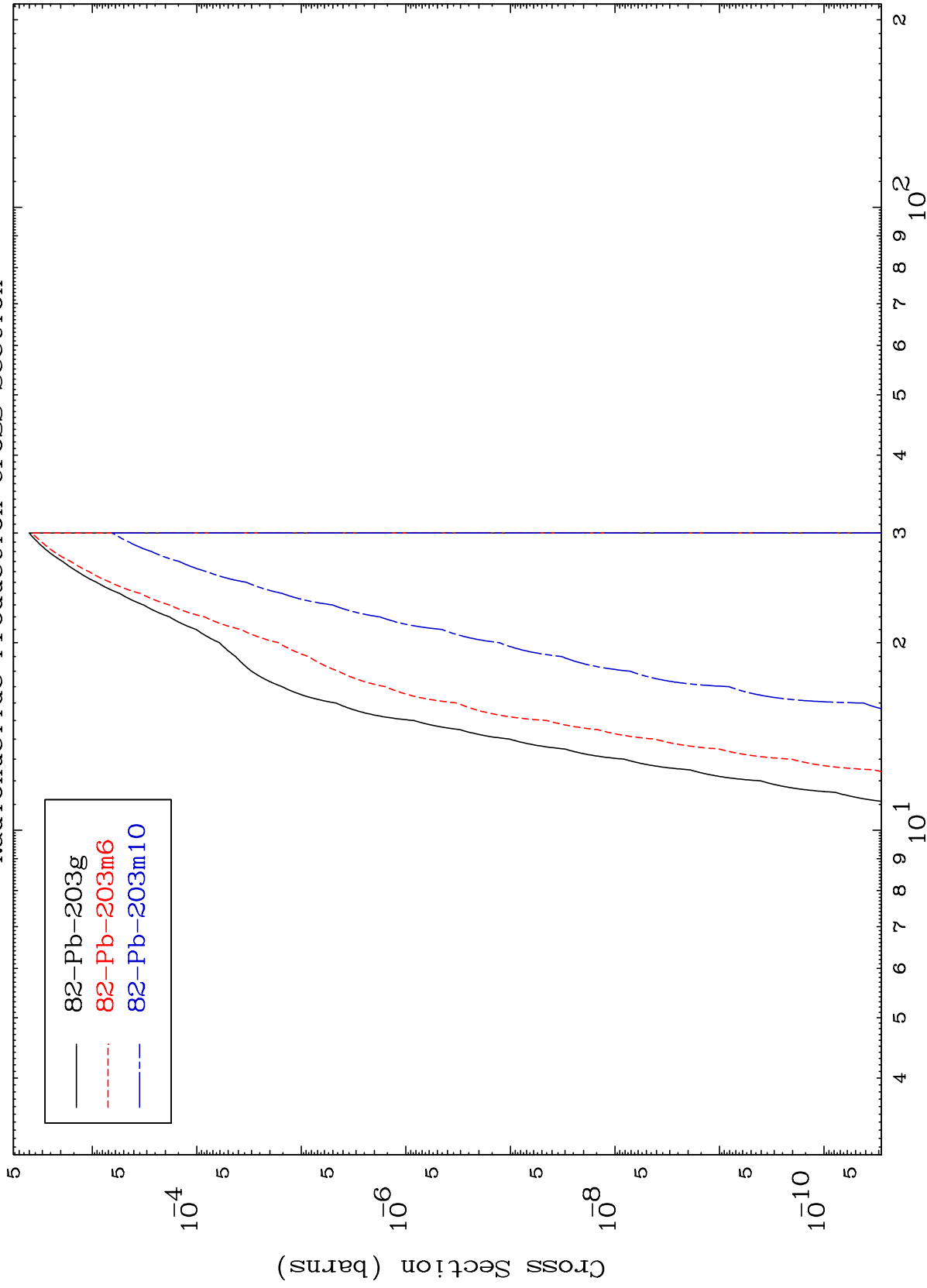
84-Po-208

MAT 8431

(n,2n) α

84-Po-208

Radionuclide Production Cross Section



133

Incident Energy (MeV)

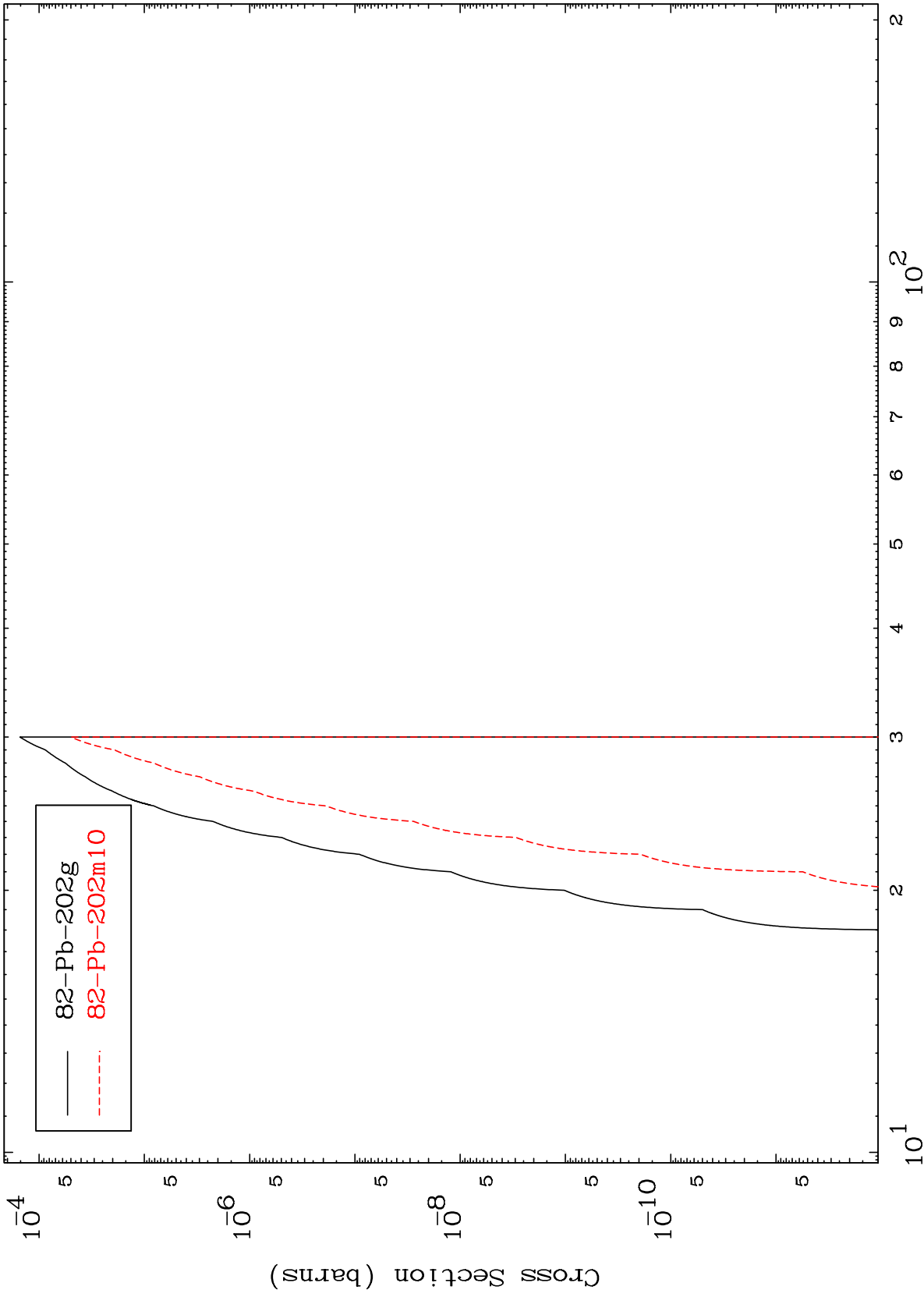
84-Po-208

MAT 8431

(n,3n) α

84-Po-208

Radionuclide Production Cross Section



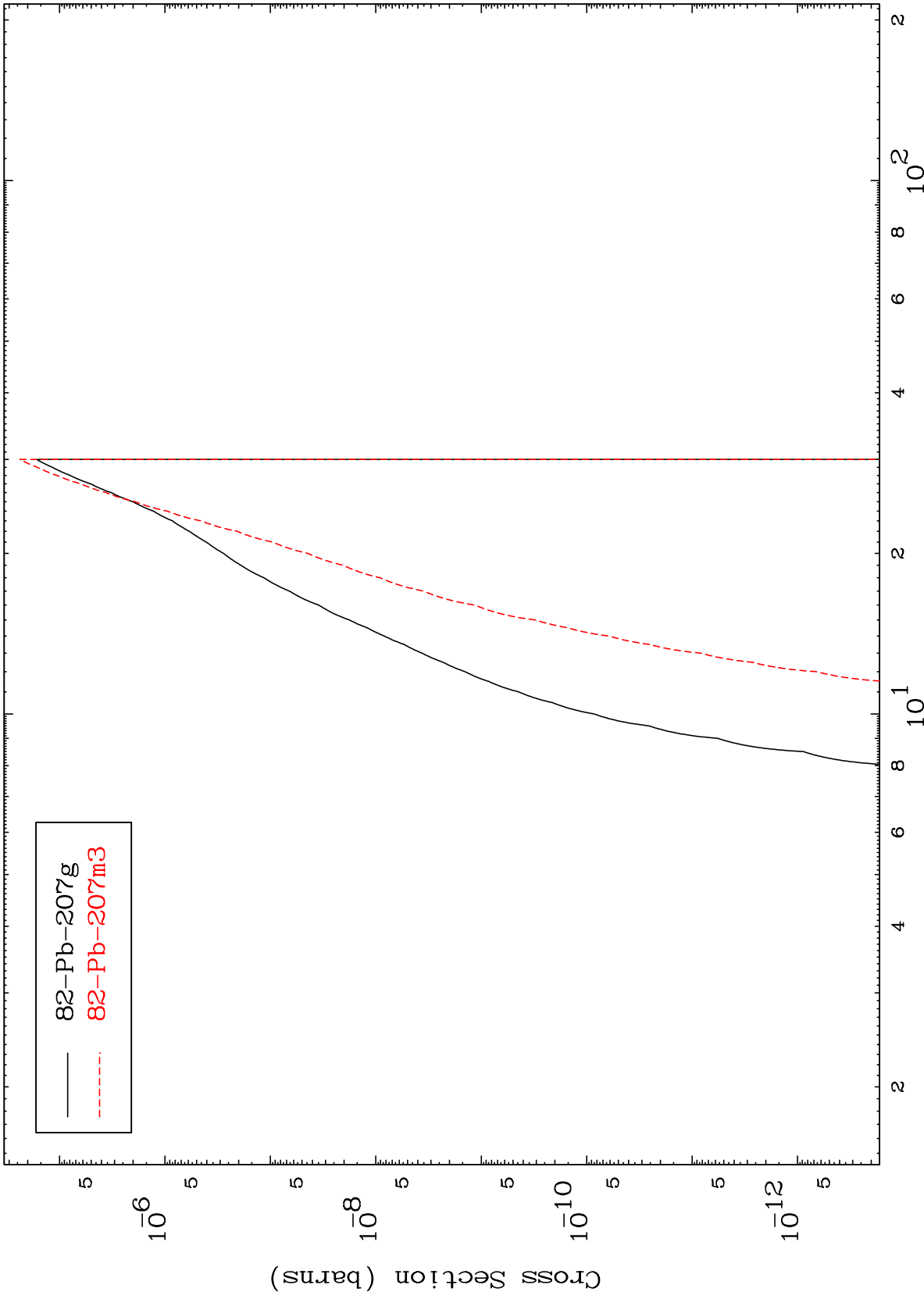
134

84-Po-208

MAT 8431

84-Po-208

(n,2p)
Radionuclide Production Cross Section



135

84-Po-208