

Program EVALPLOT  
(Version 2018-1)

by

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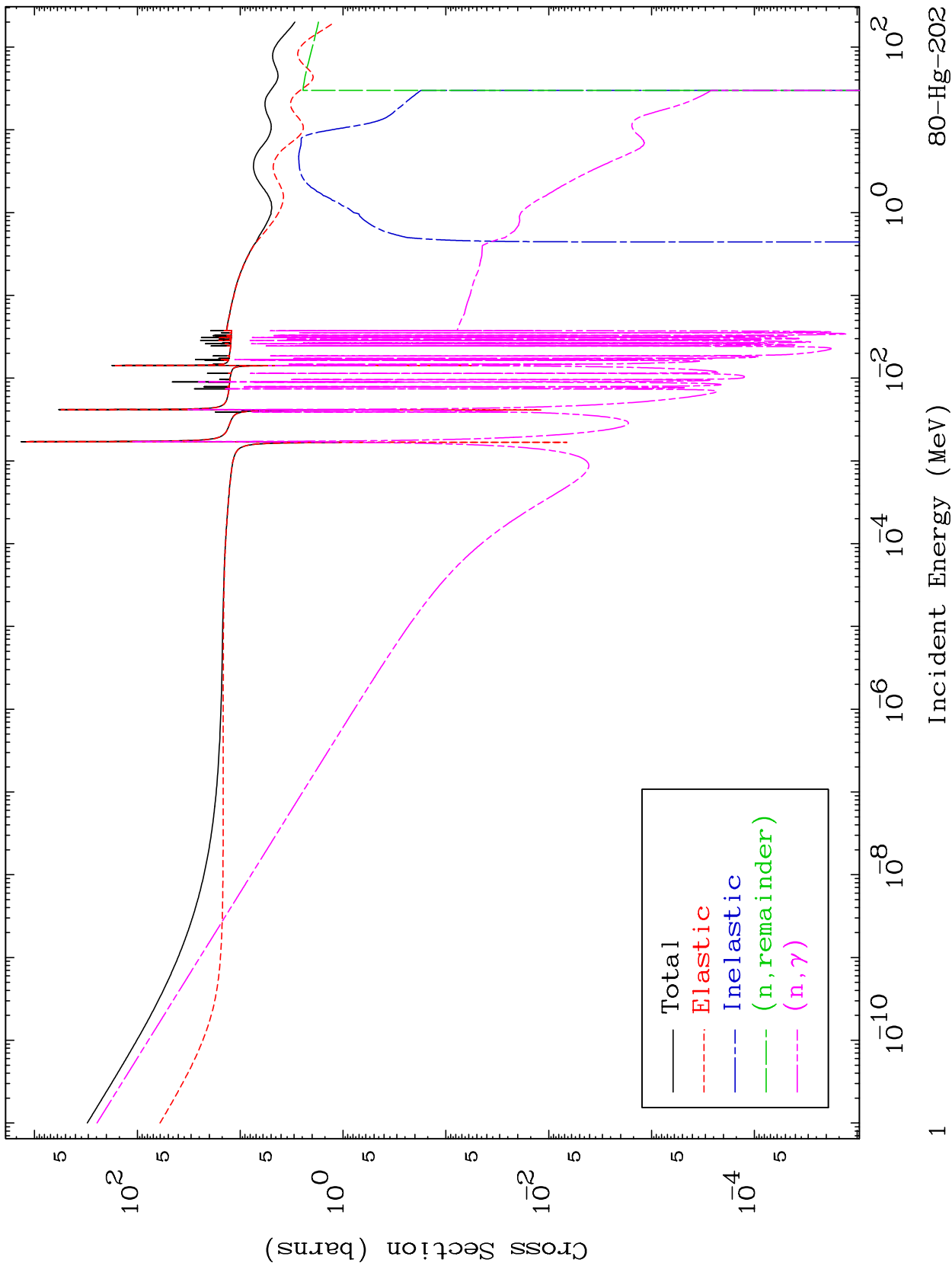
Press Mouse Button to Start

MAT 8043

Major

293 Kelvin Cross Sections

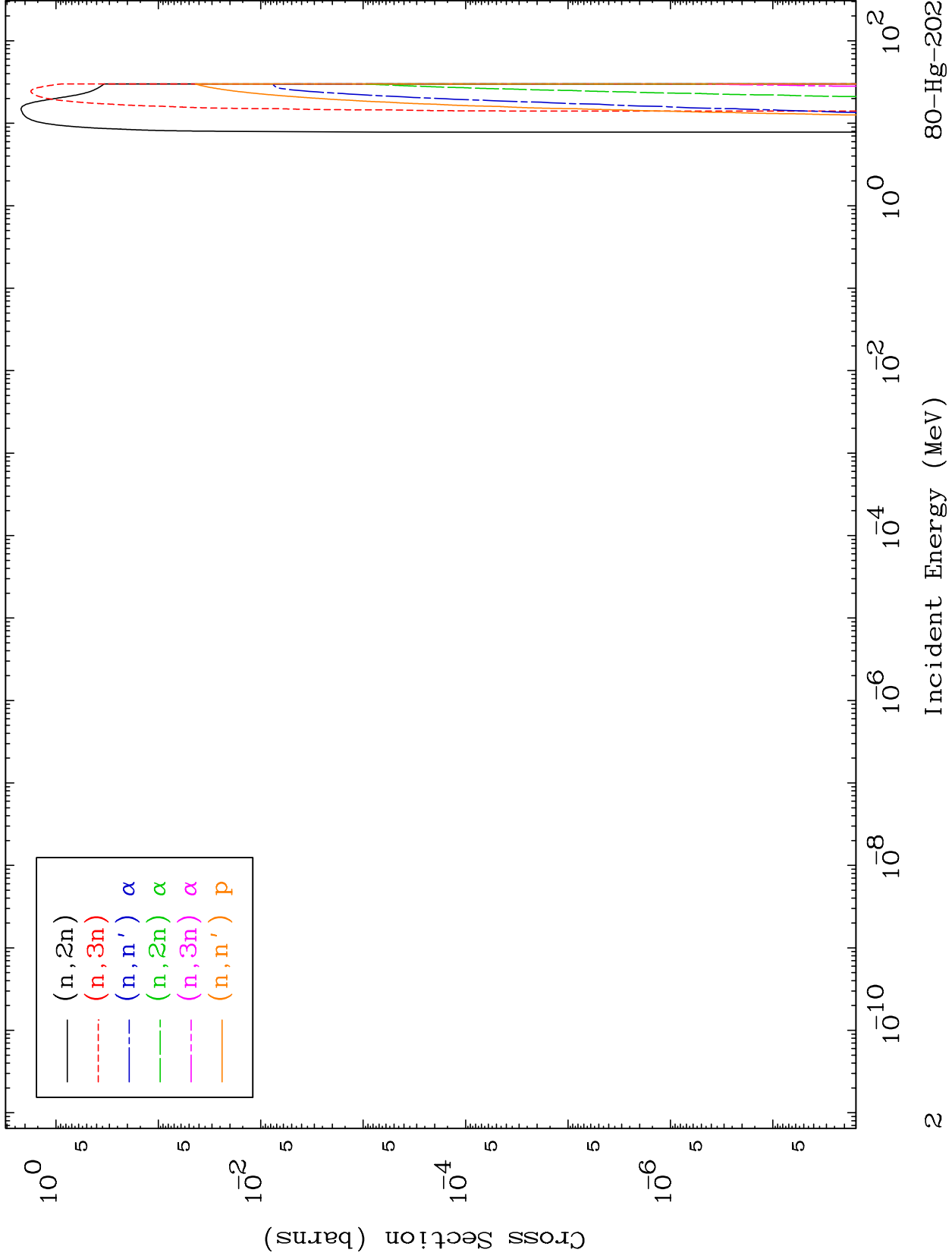
80-Hg-202

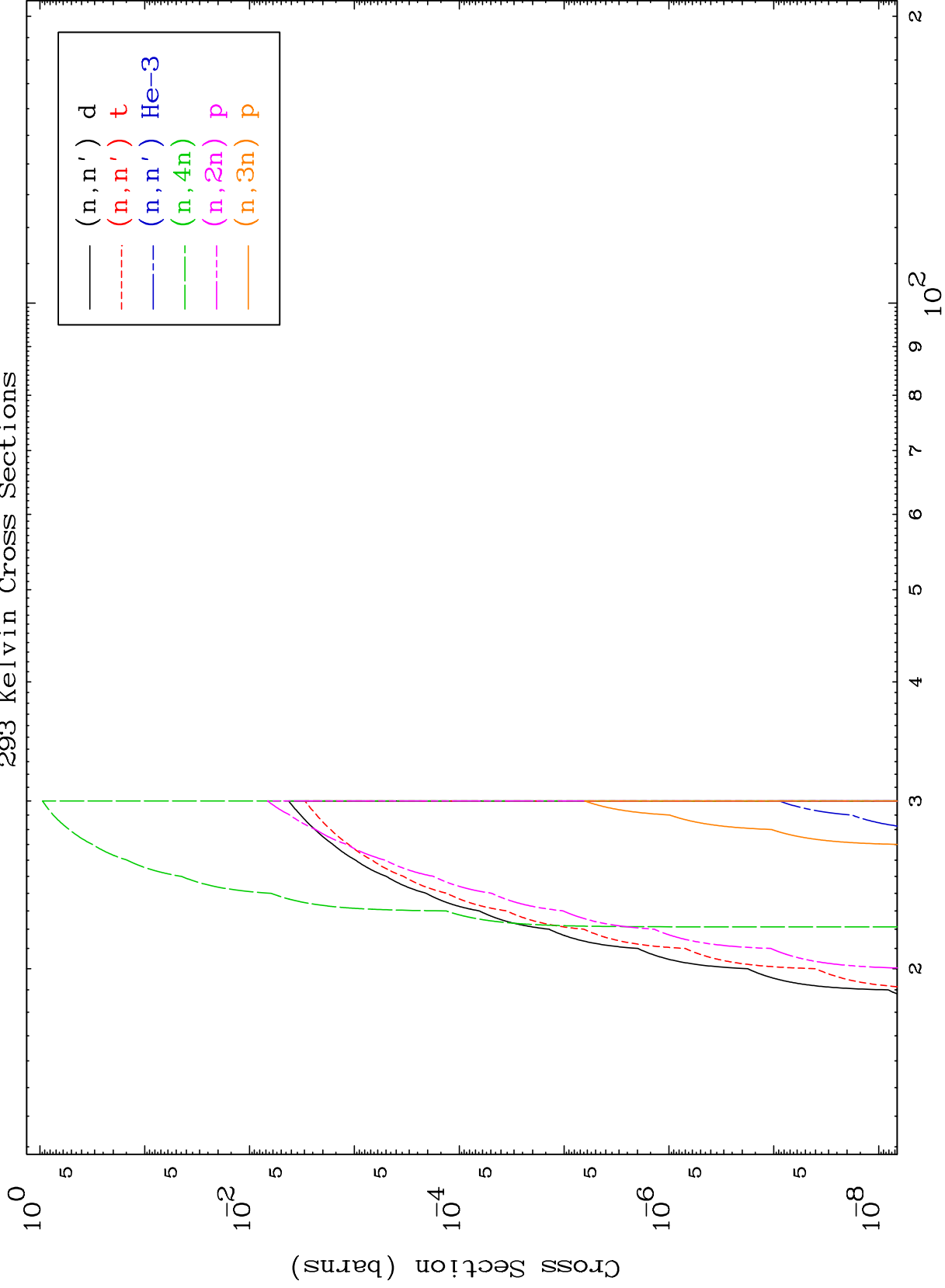


MAT 8043

Neutron Production  
293 Kelvin Cross Sections

80-Hg-202

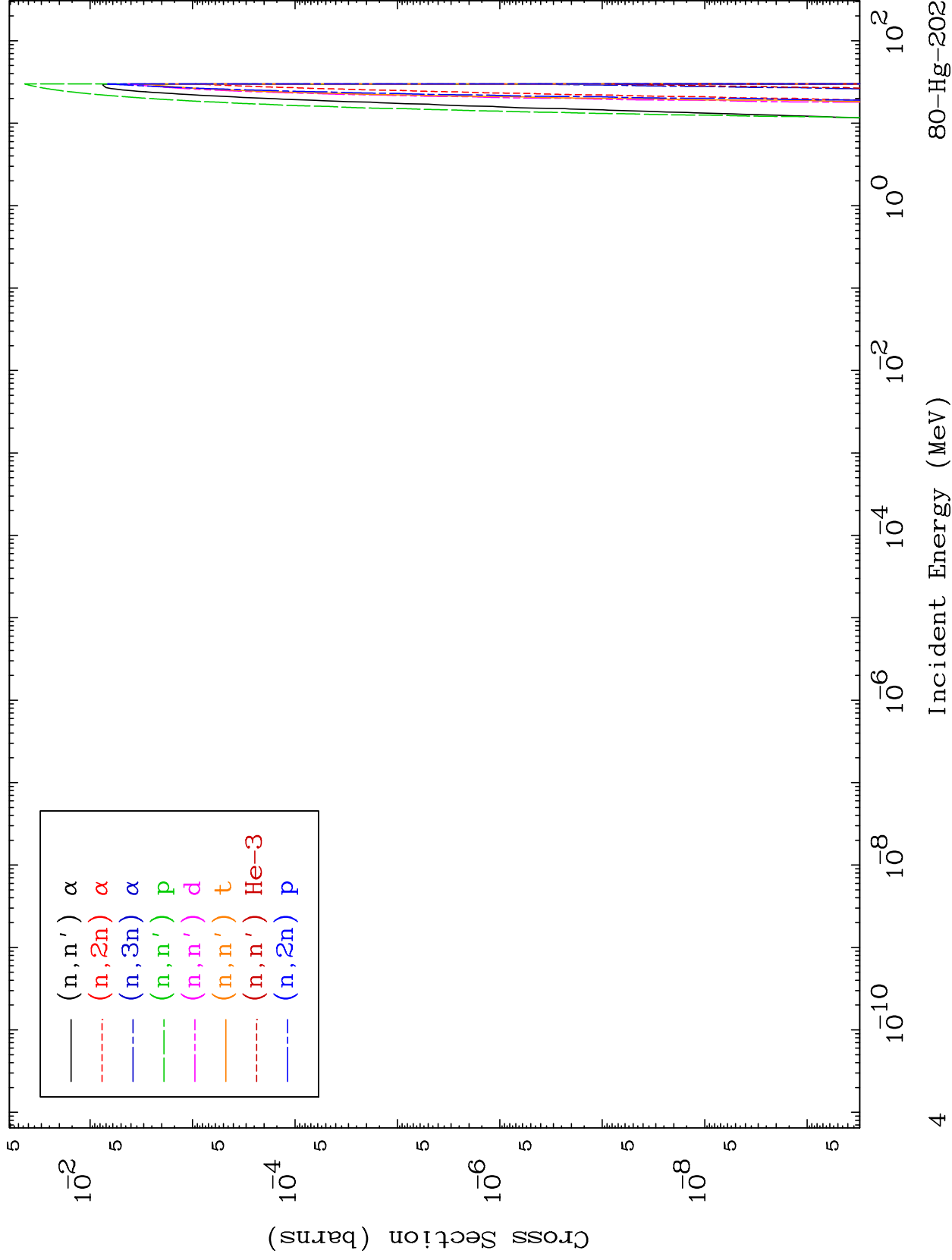




MAT 8043

Charged Particle  
293 Kelvin Cross Sections

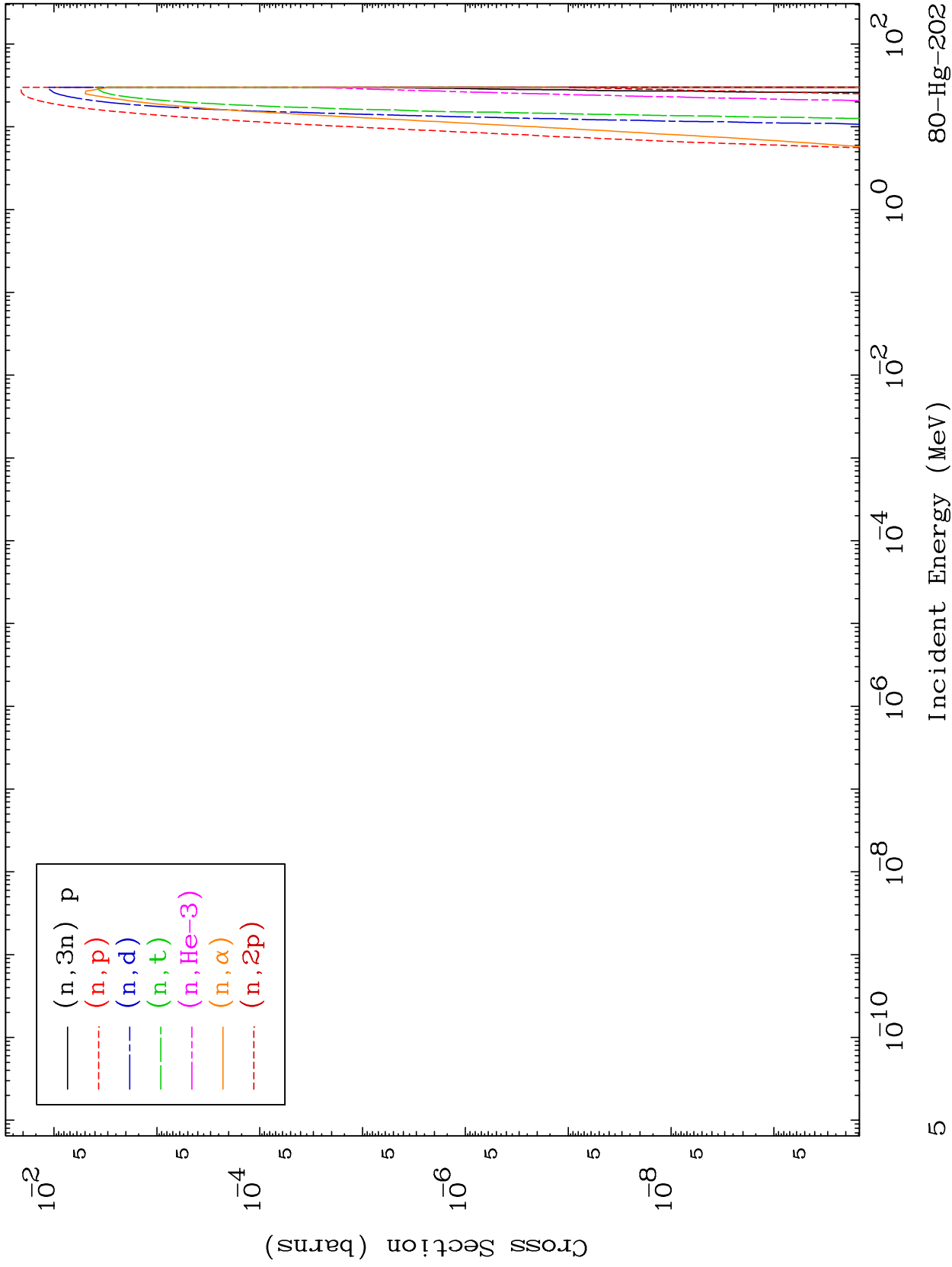
80-Hg-202



MAT 8043

Charged Particle  
293 Kelvin Cross Sections

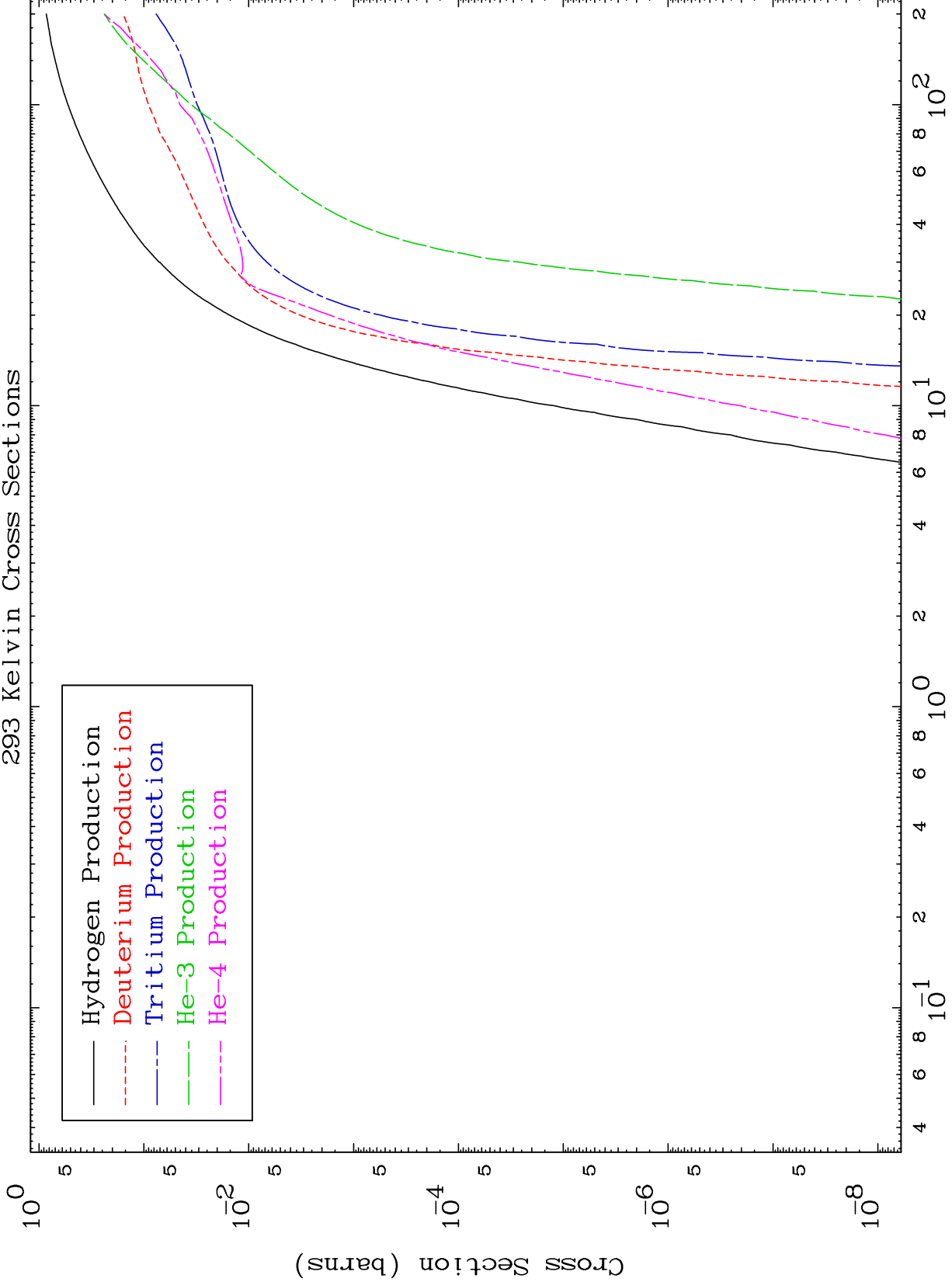
80-Hg-202



MAT 8043

Particle Production  
293 Kelvin Cross Sections

80-Hg-202



6

Incident Energy (MeV)

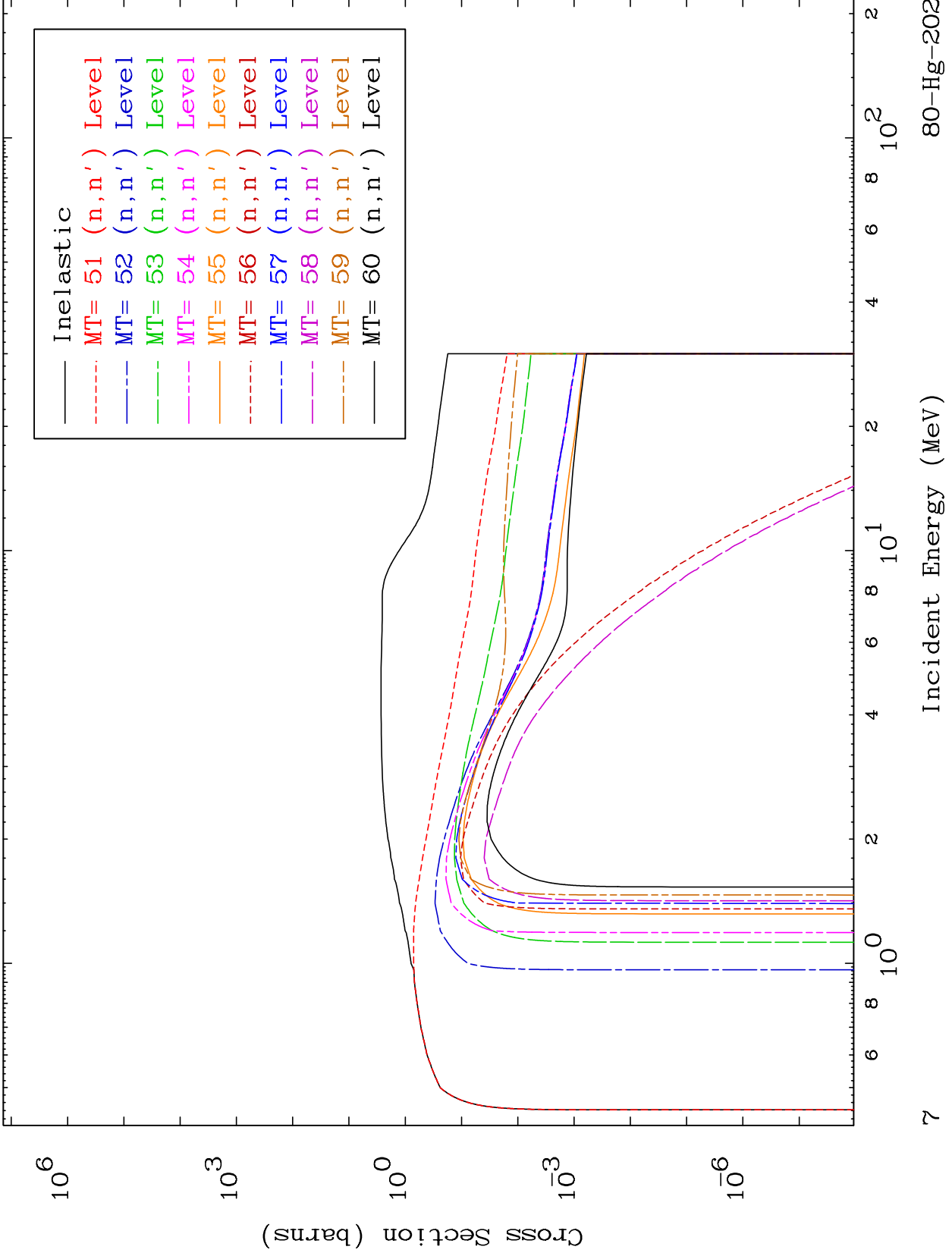
80-Hg-202

MAT 8043

(n,n') Level

80-Hg-202

293 Kelvin Cross Sections



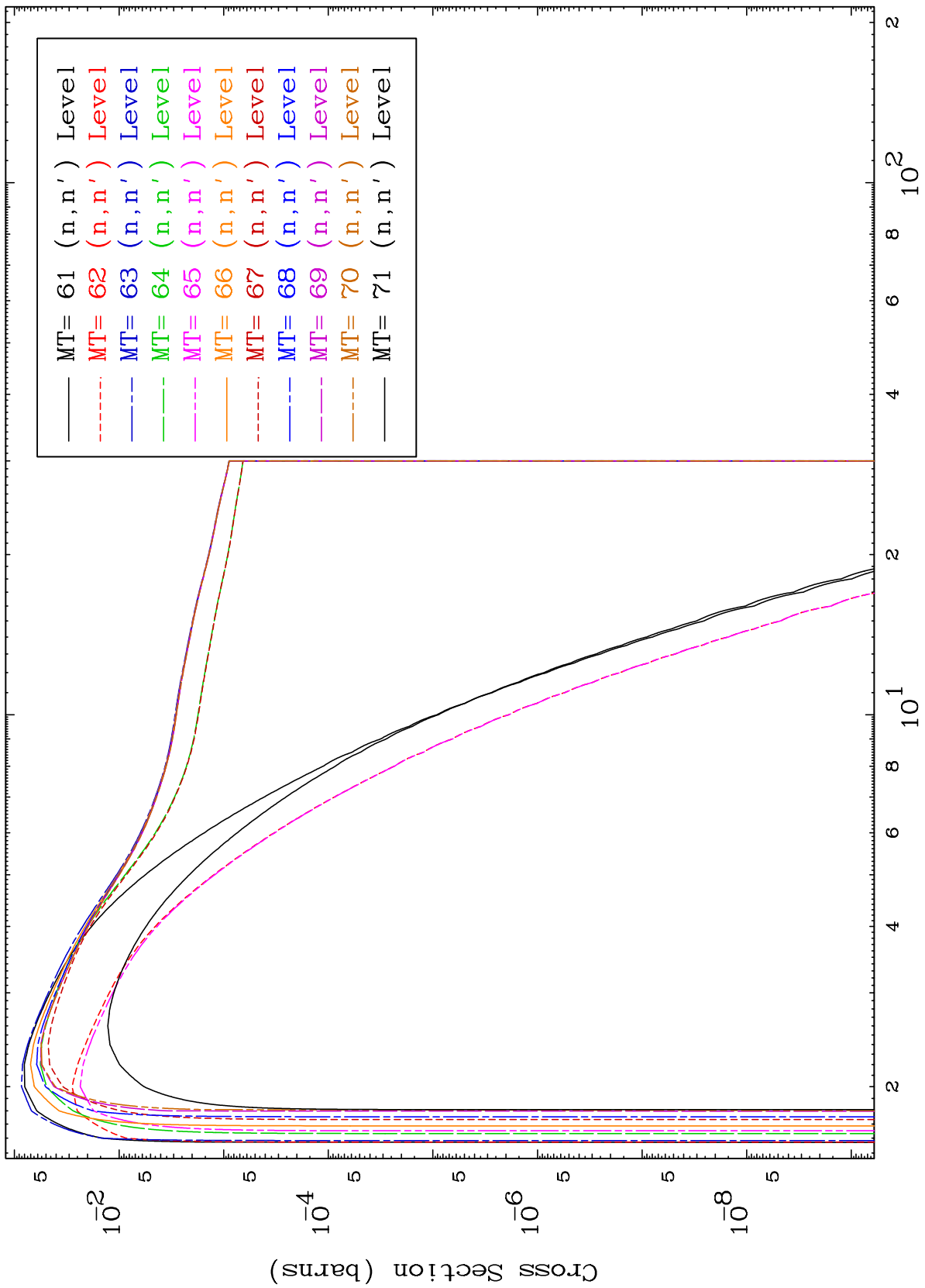


MAT 8043

(n,n') Level

80-Hg-202

293 Kelvin Cross Sections



8

Incident Energy (MeV)

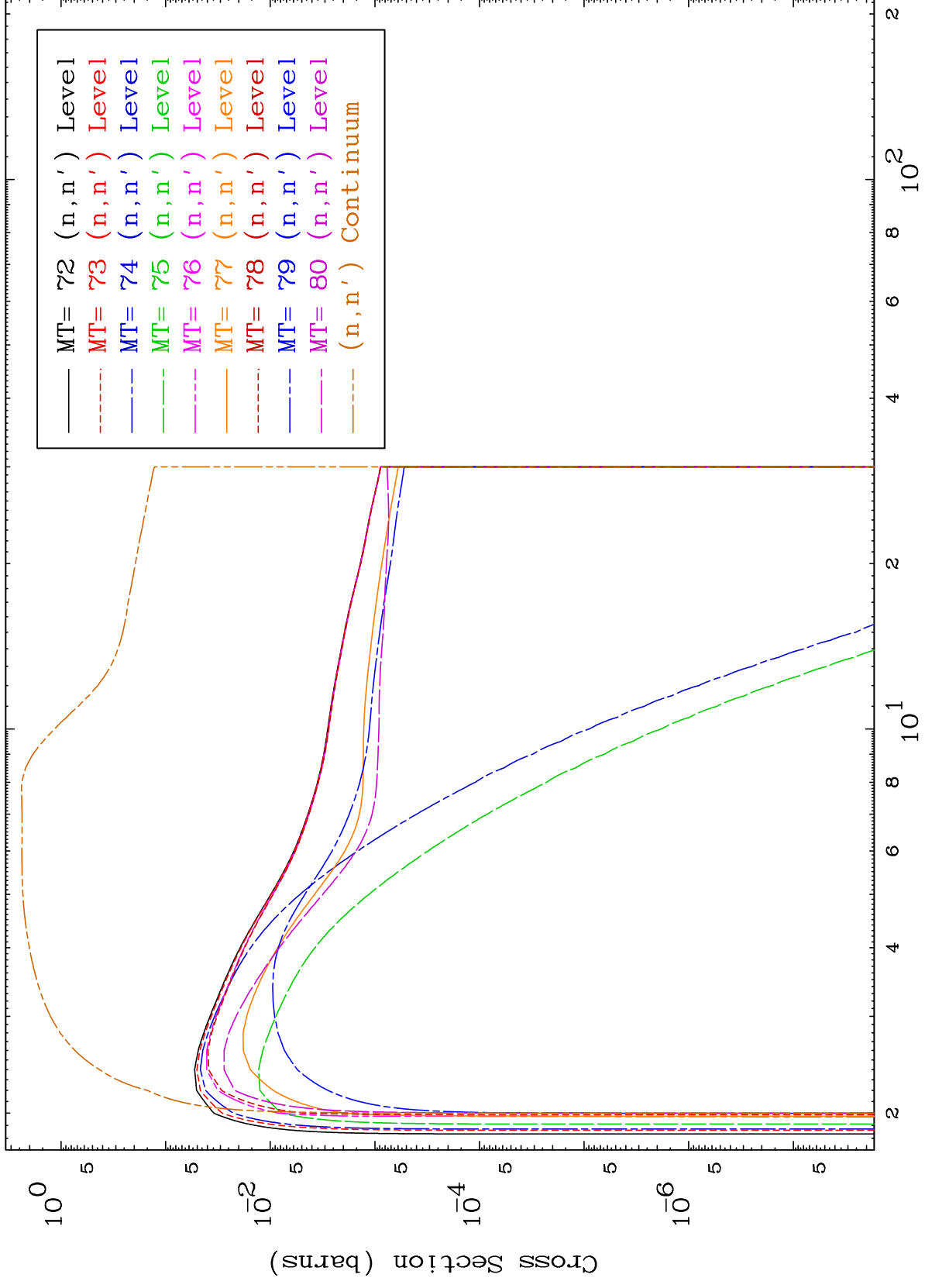
80-Hg-202

MAT 8043

(n,n') Level

80-Hg-202

293 Kelvin Cross Sections



9

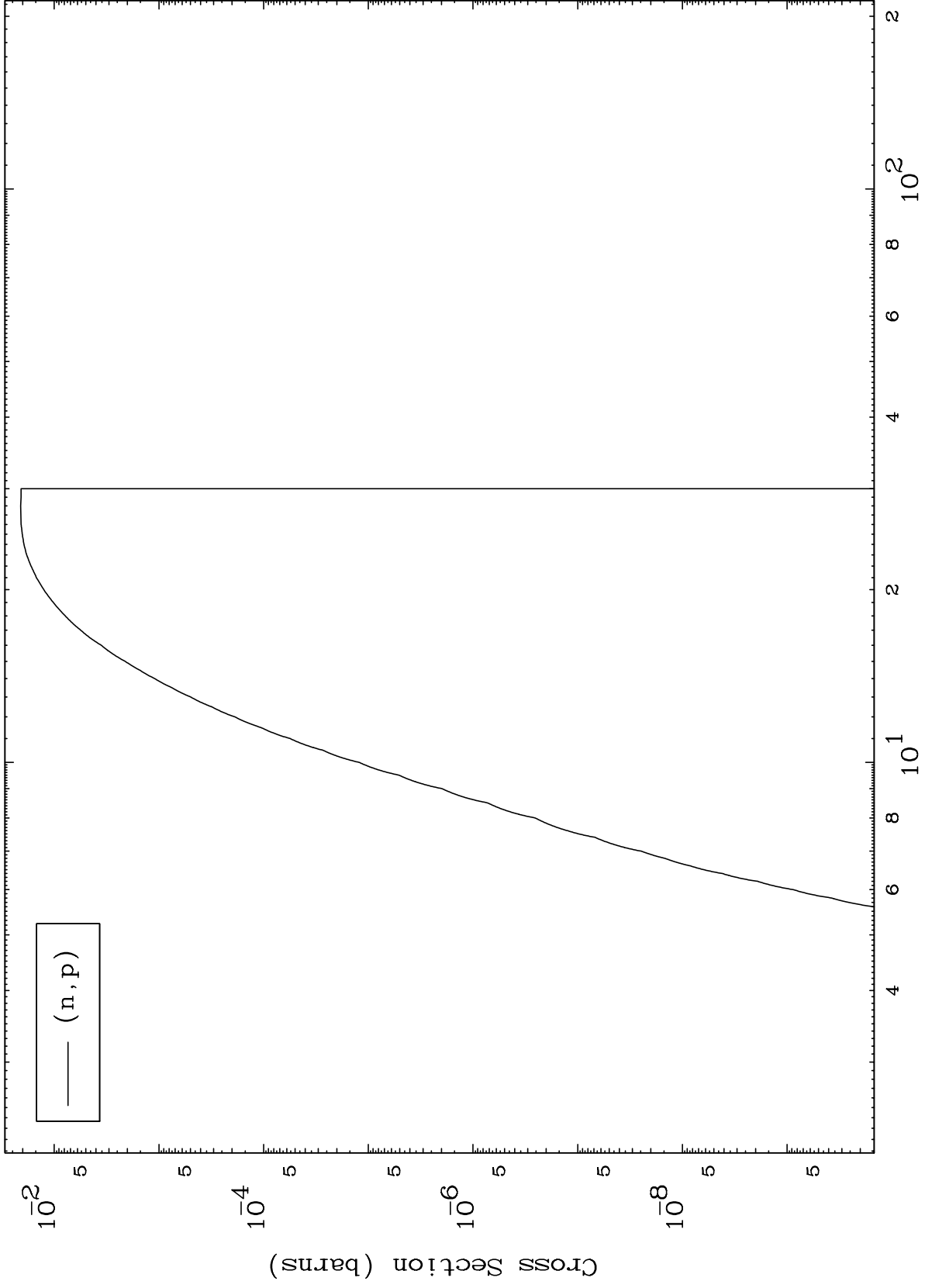
Incident Energy (MeV)

80-Hg-202

MAT 8043

(n,p) Levels  
293 Kelvin Cross Sections

80-Hg-202



10

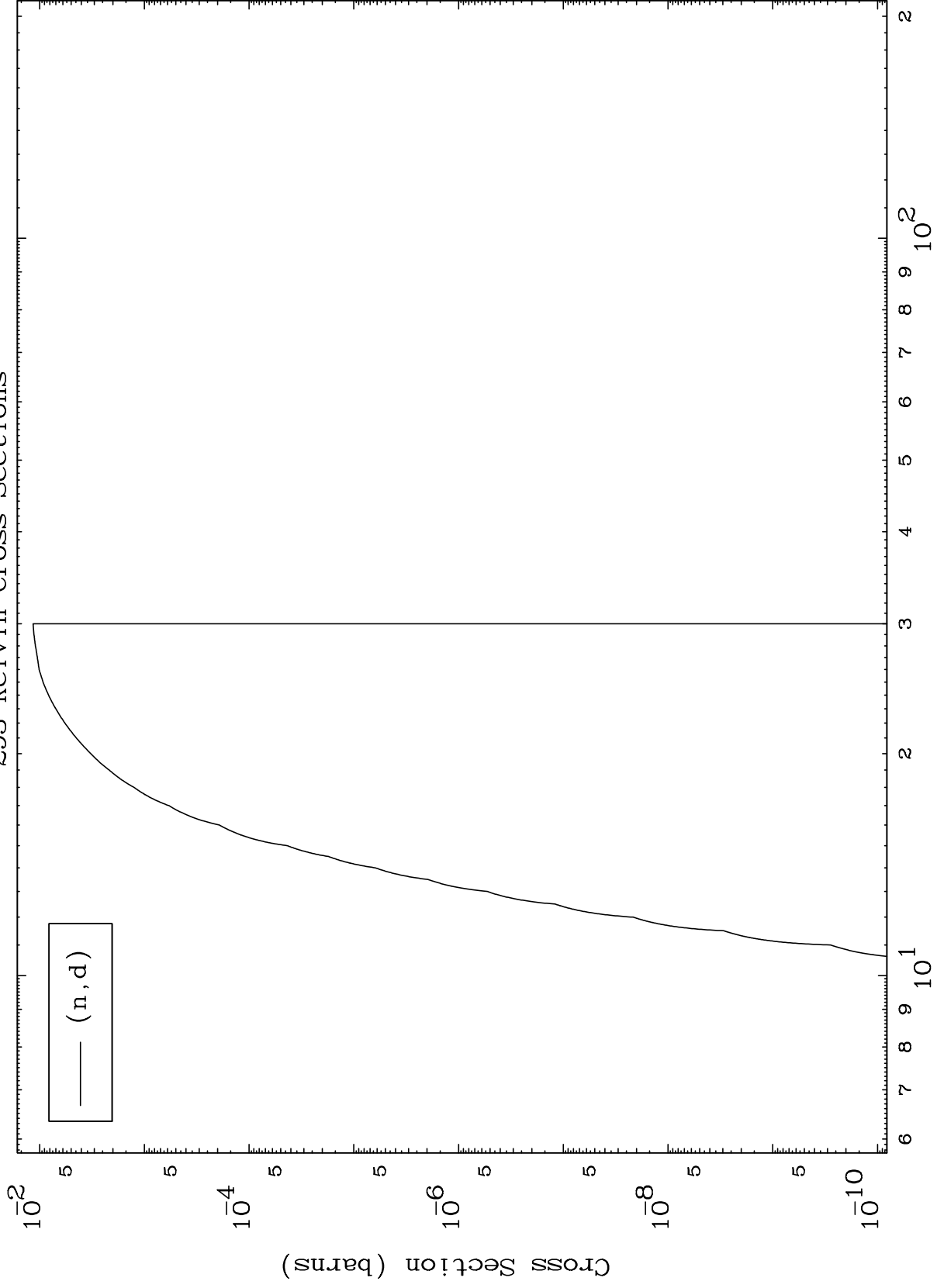
Incident Energy (MeV)

80-Hg-202

MAT 8043

(n,d) Levels  
293 Kelvin Cross Sections

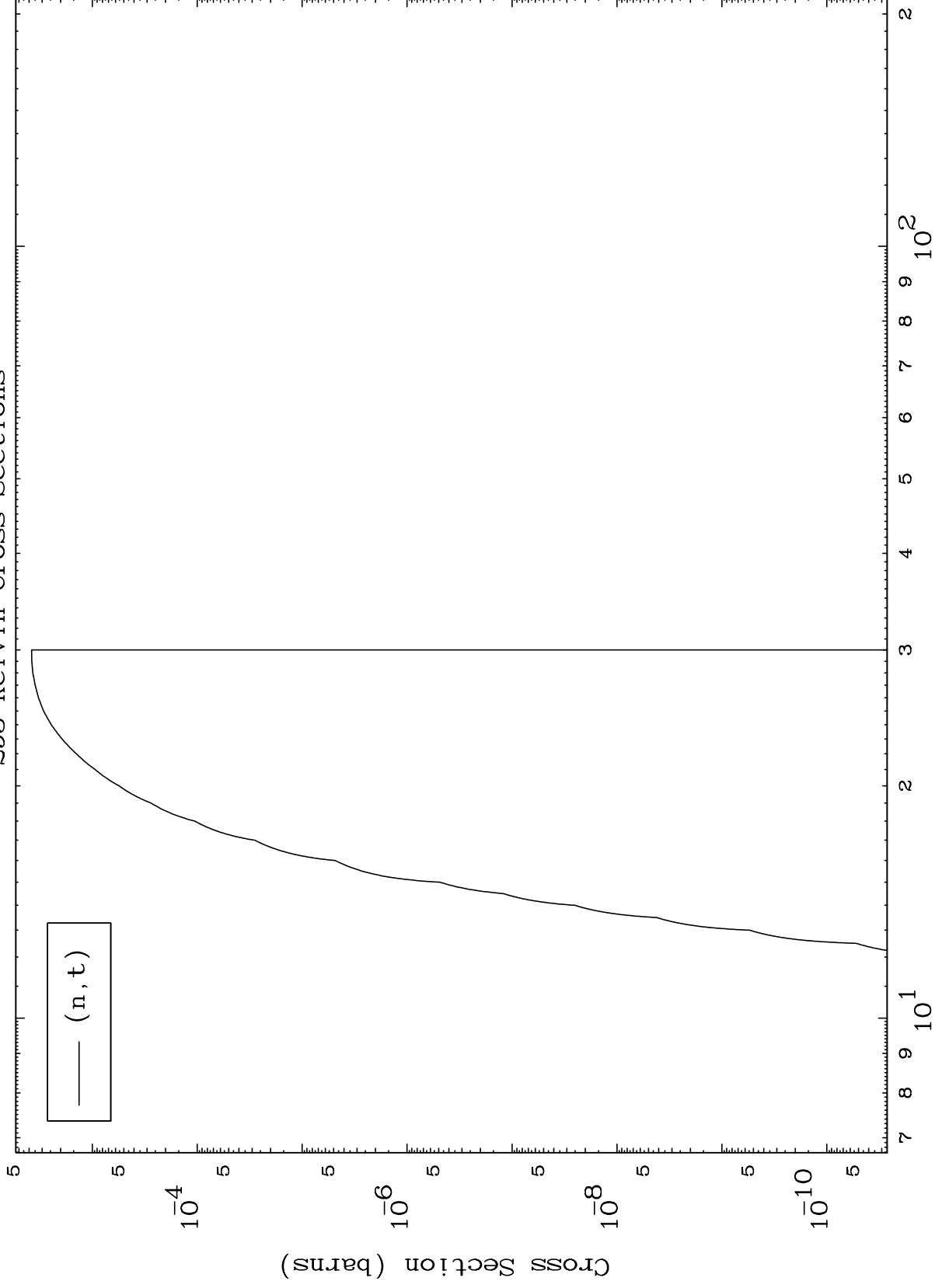
80-Hg-202



MAT 8043

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-202



12

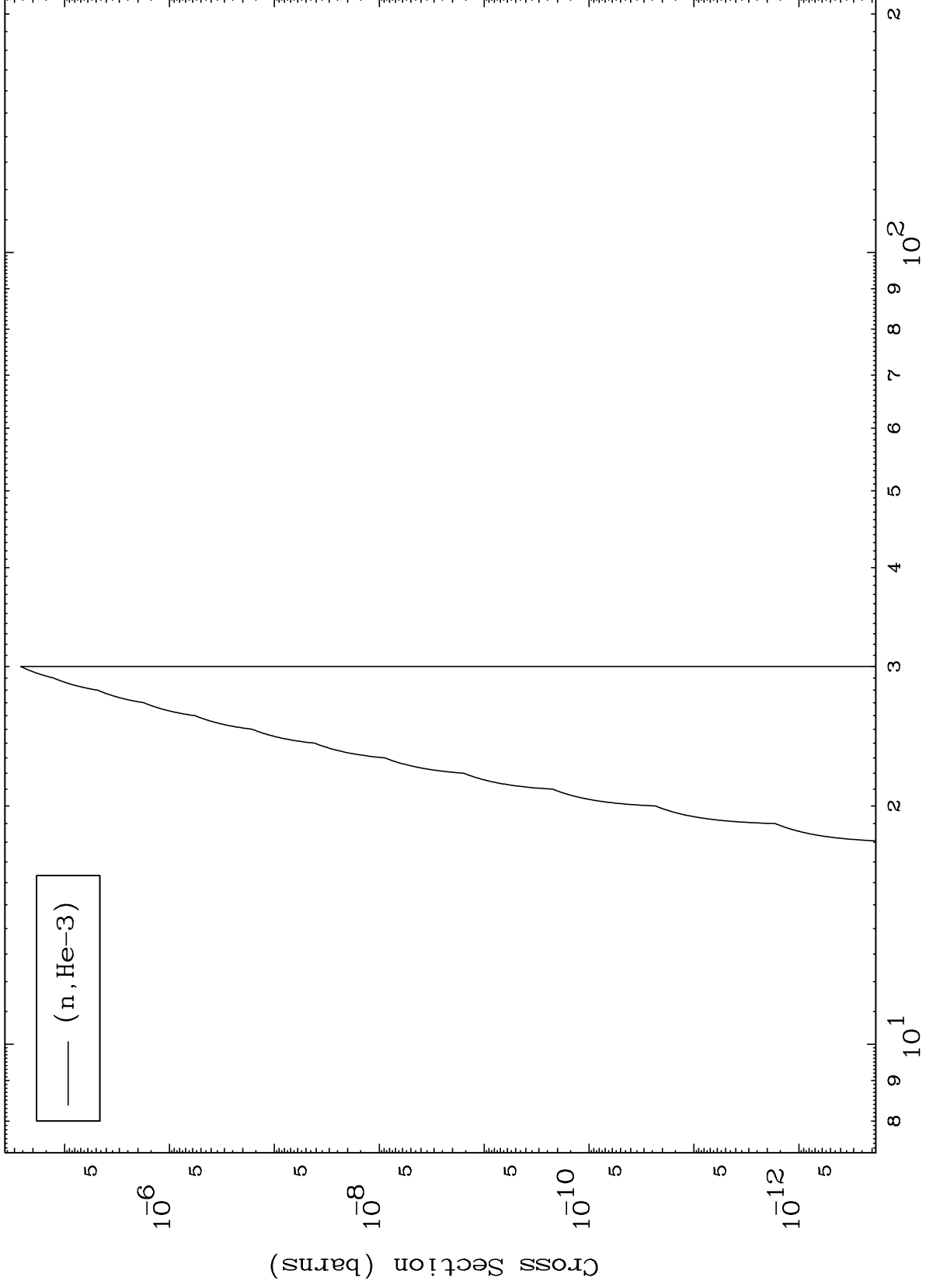
Incident Energy (MeV)

80-Hg-202

MAT 8043

(n,He3) Levels  
293 Kelvin Cross Sections

80-Hg-202



13

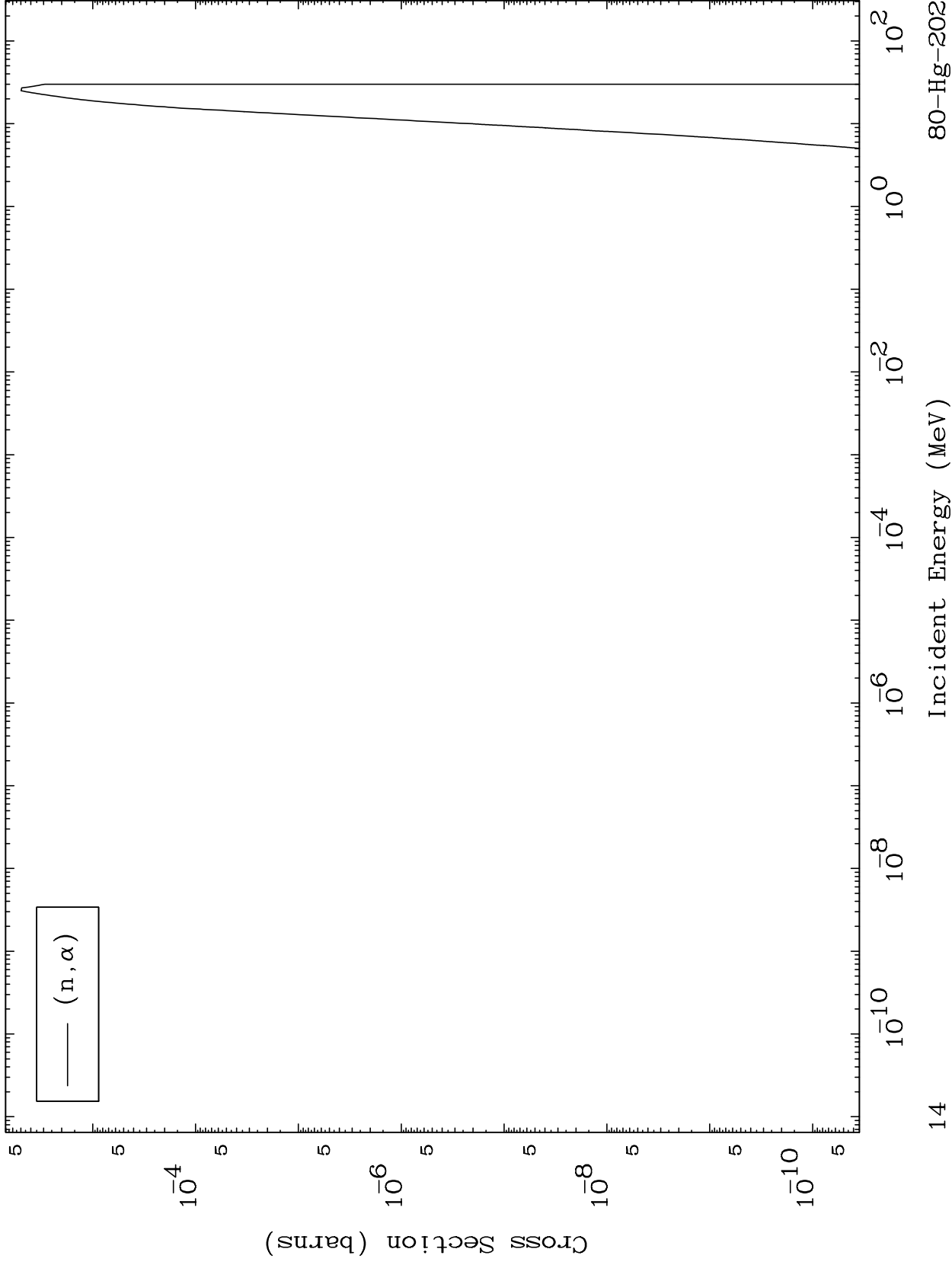
Incident Energy (MeV)

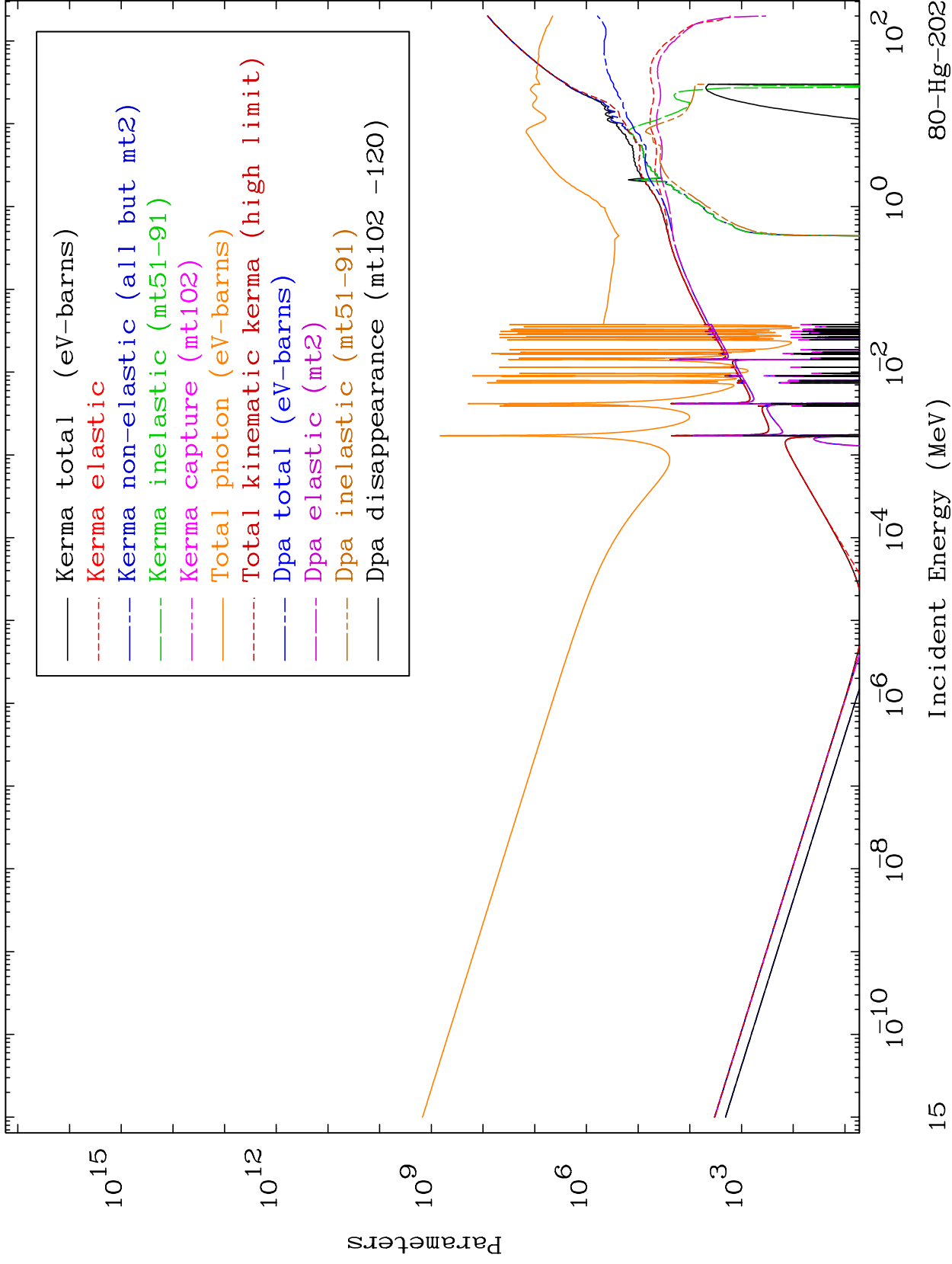
80-Hg-202

MAT 8043

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

80-Hg-202



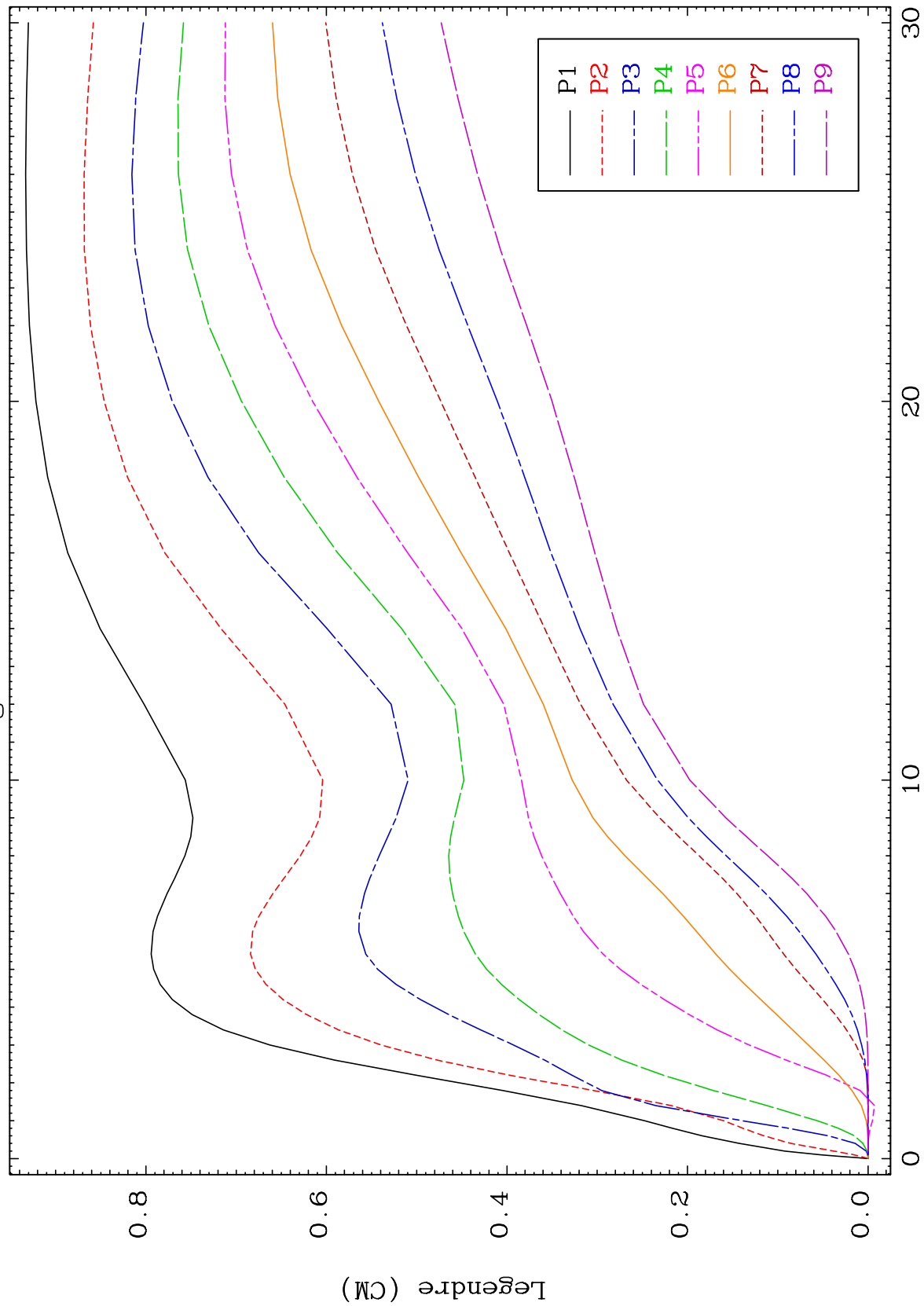




MAT 8043

Elastic Legendre Coefficients

80-Hg-202



16

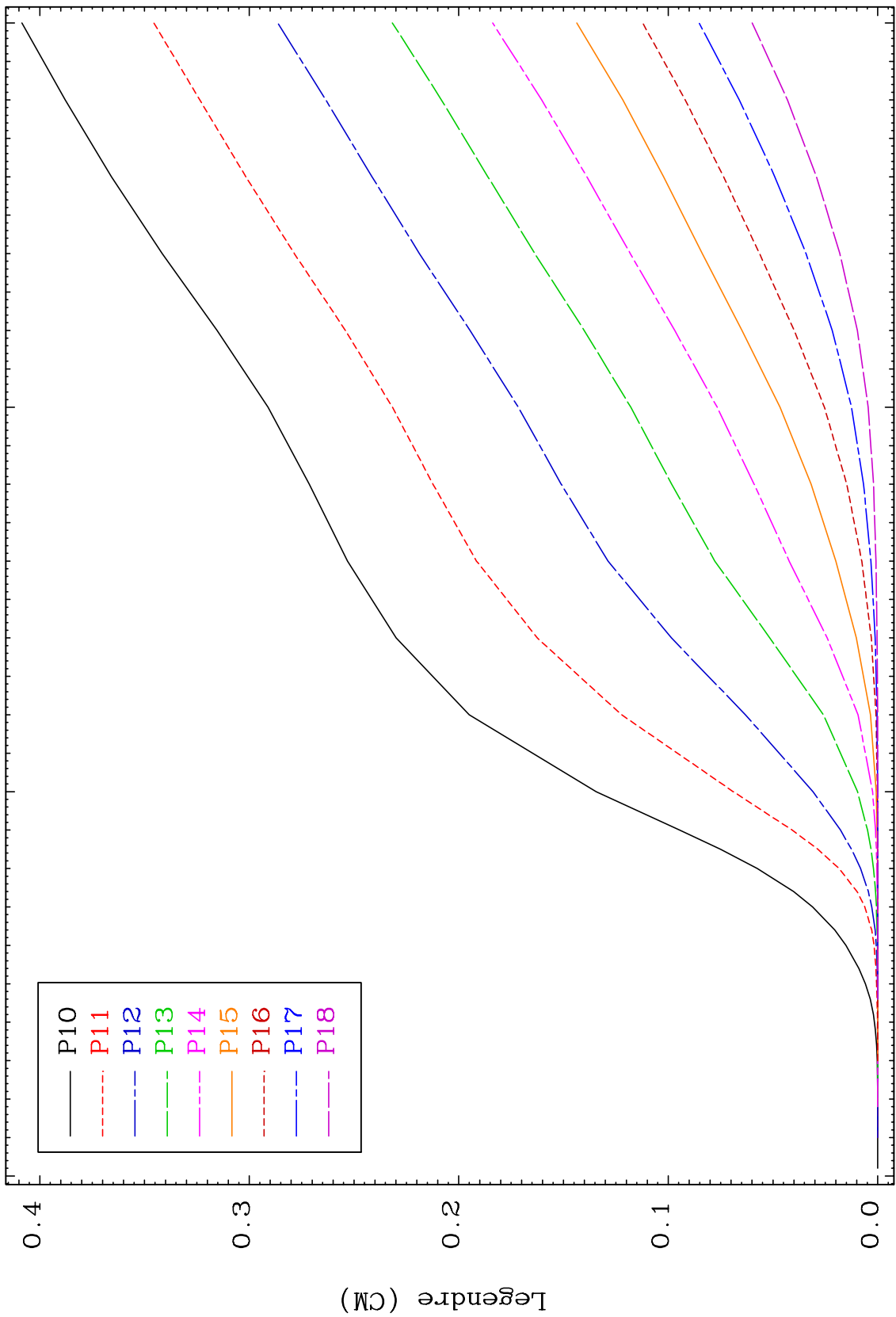
Incident Energy (MeV)

80-Hg-202

MAT 8043

Elastic Legendre Coefficients

80-Hg-202



17

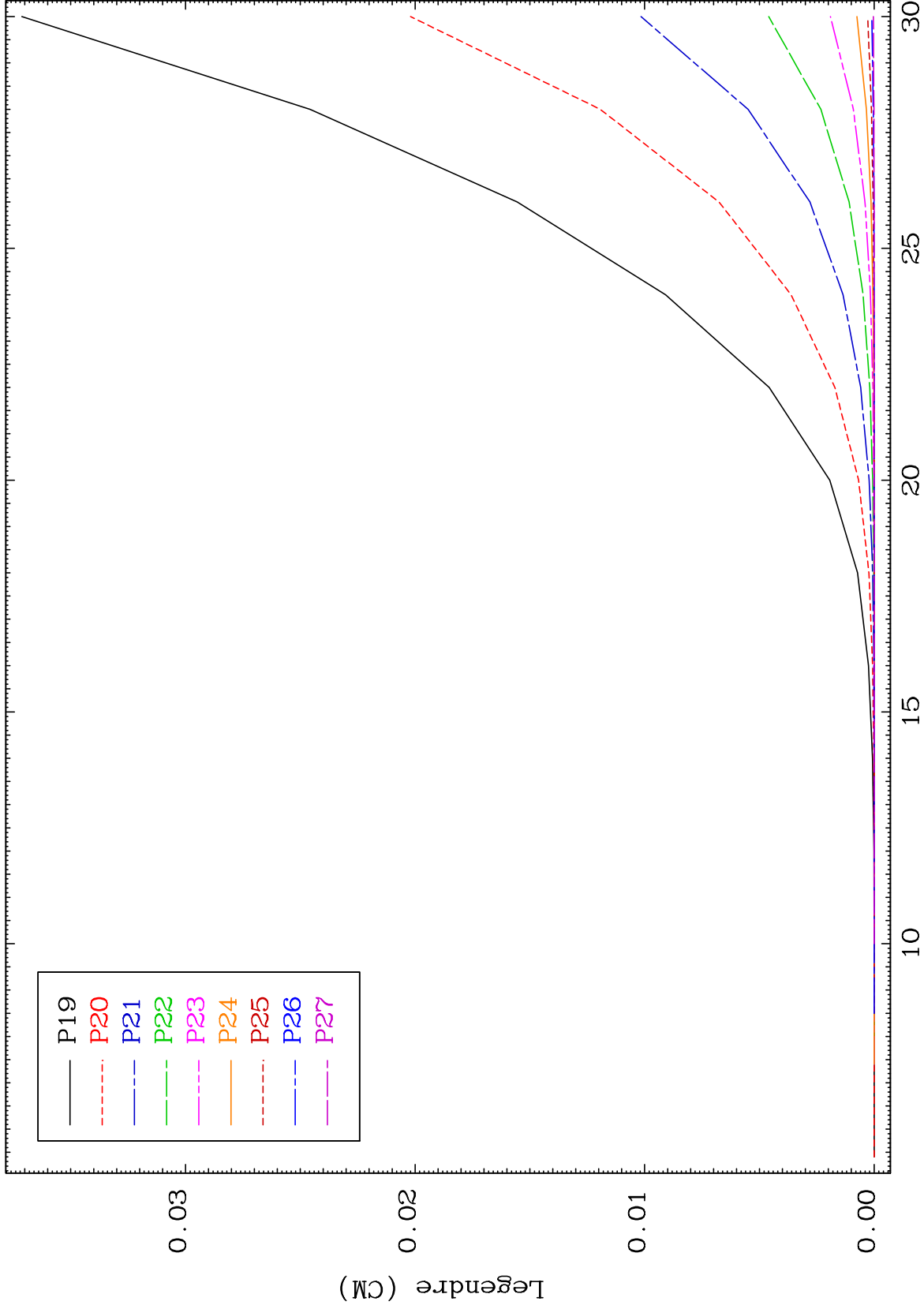
Incident Energy (MeV)

80-Hg-202

MAT 8043

### Elastic Legendre Coefficients

80-Hg-202



18

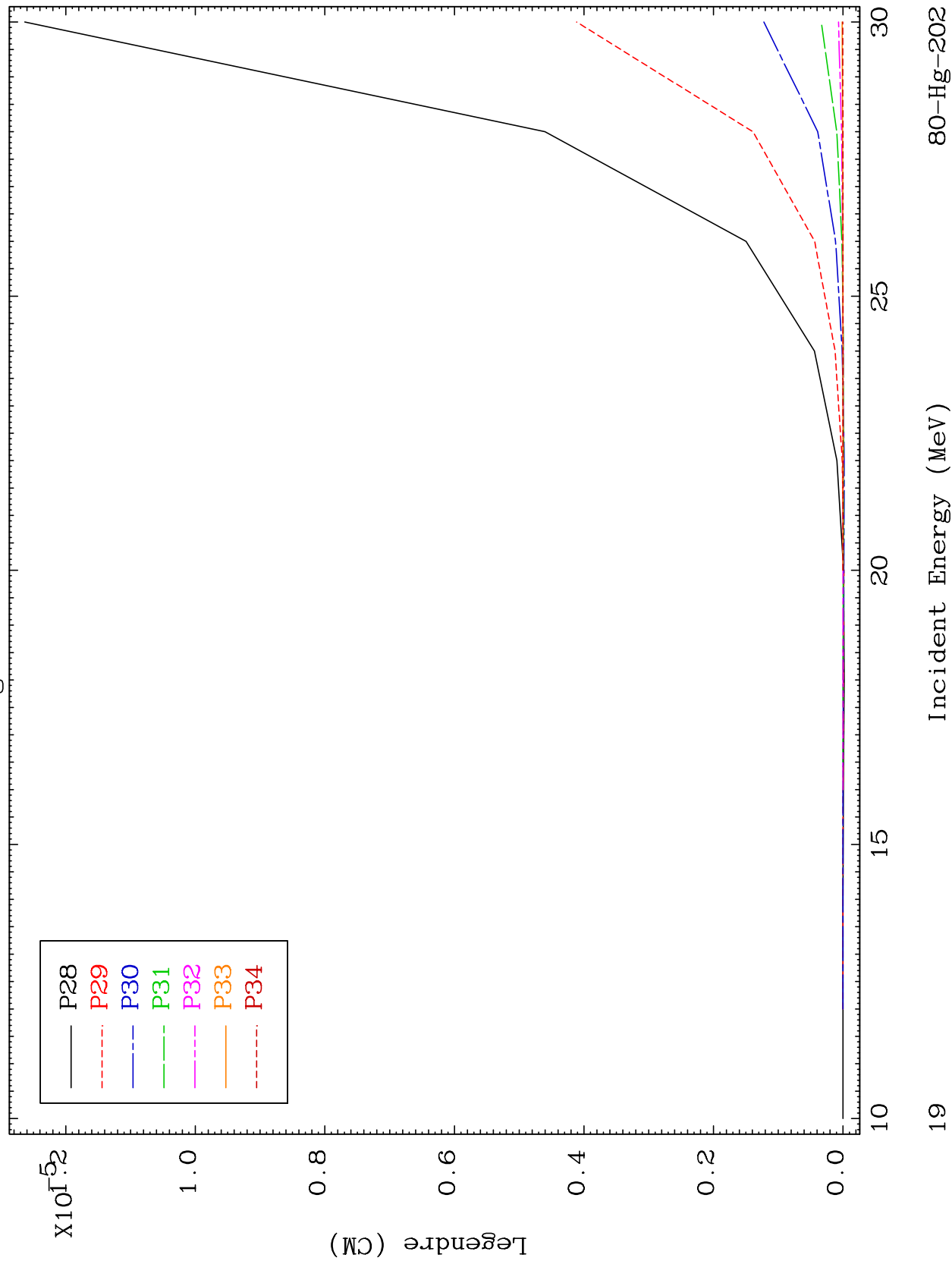
Incident Energy (MeV)

80-Hg-202

MAT 8043

Elastic Legendre Coefficients

80-Hg-202



19

Incident Energy (MeV)

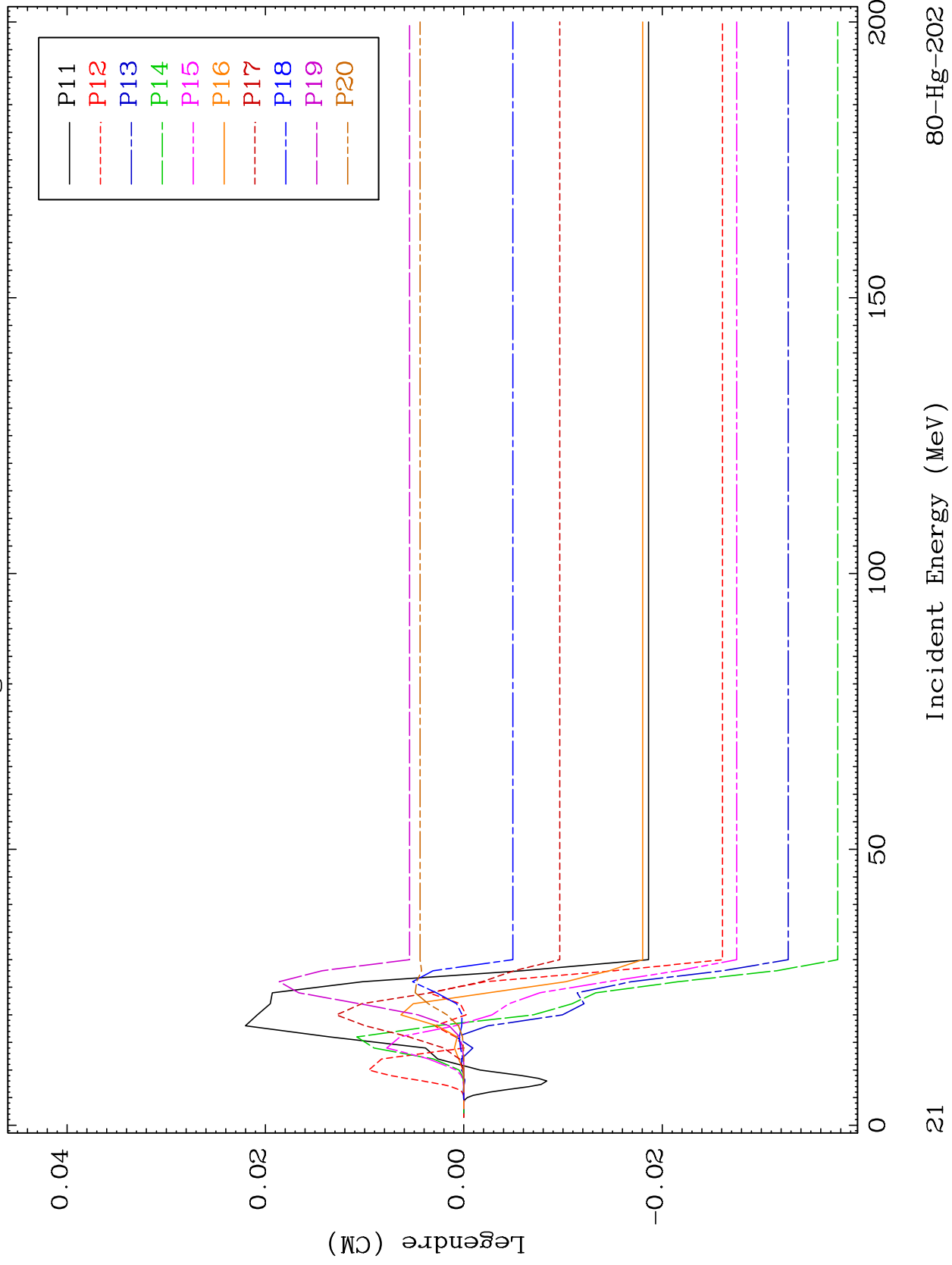
80-Hg-202



MAT 8043

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

80-Hg-202



80-Hg-202

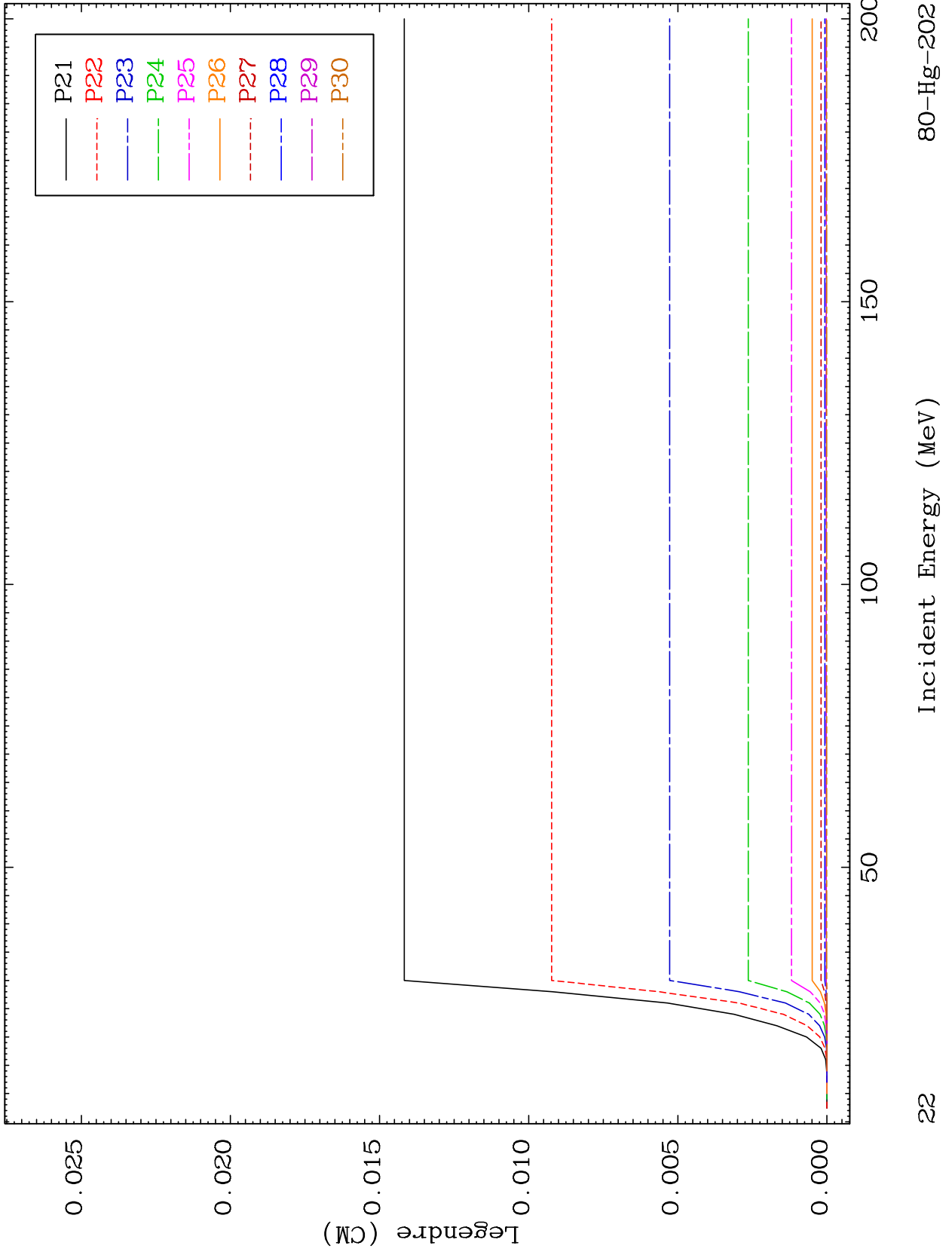
Incident Energy (MeV)

21

MAT 8043

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

80-Hg-202



22

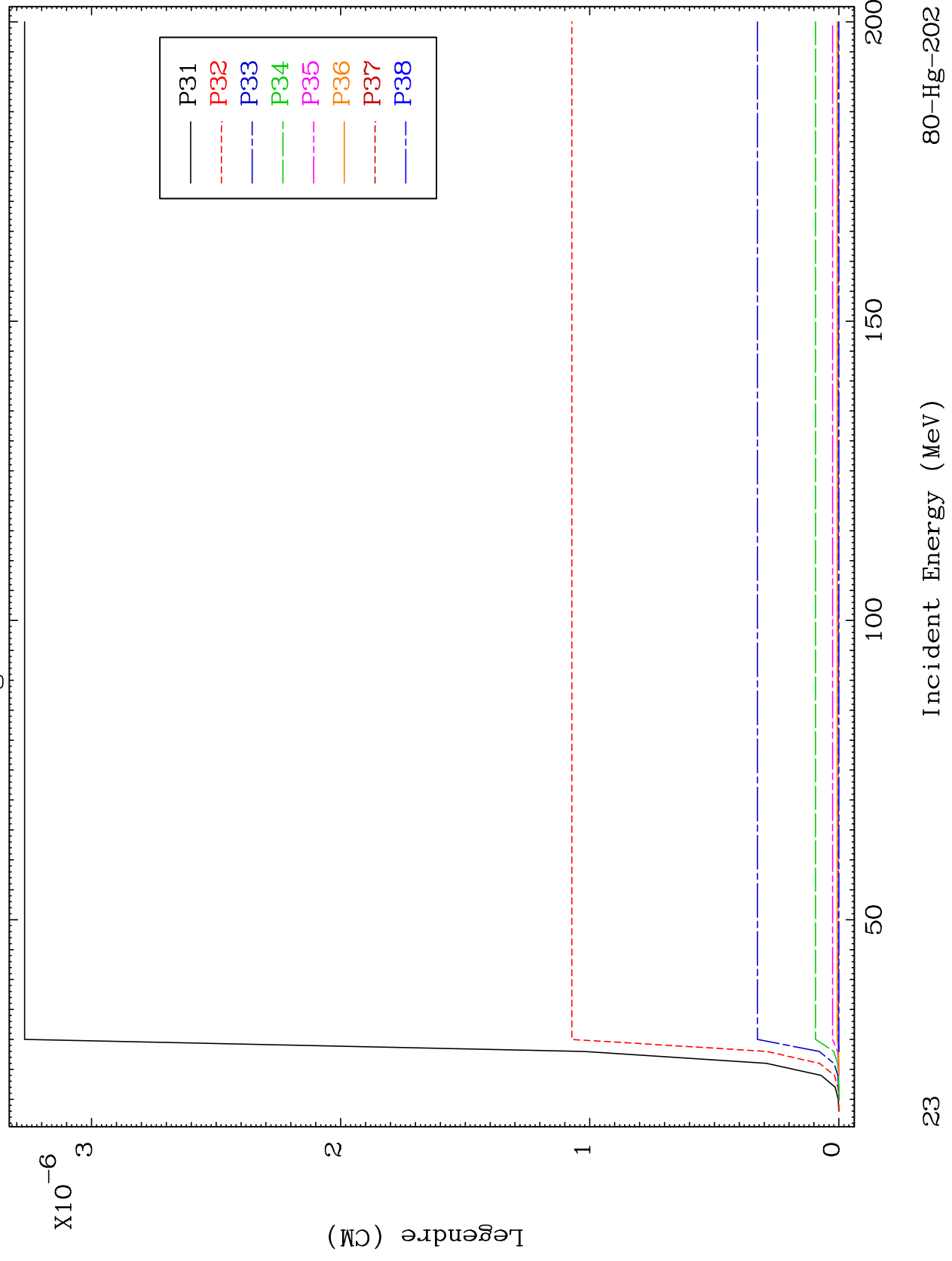
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



23

Incident Energy (MeV)

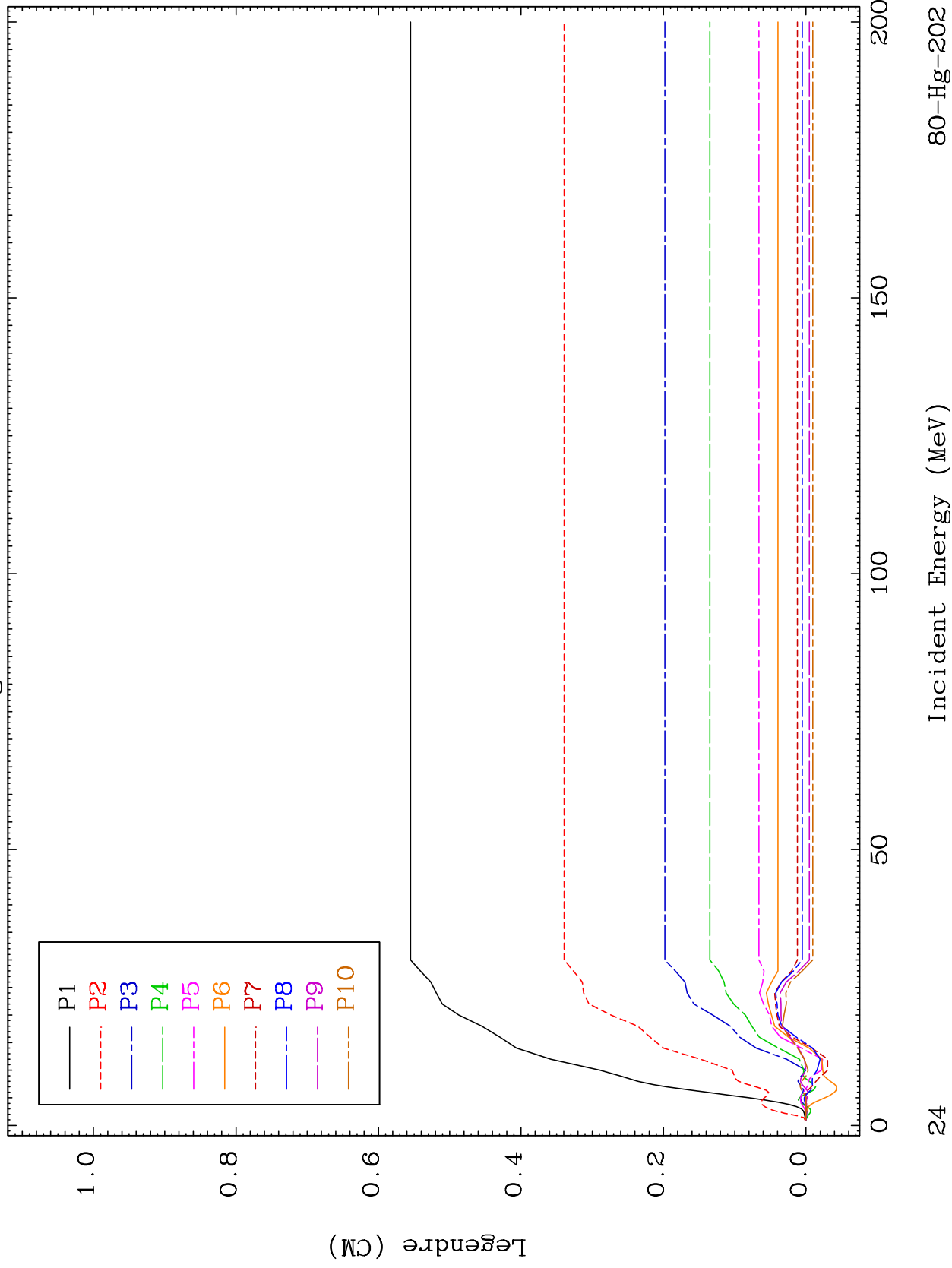
80-Hg-202



MAT 8043

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

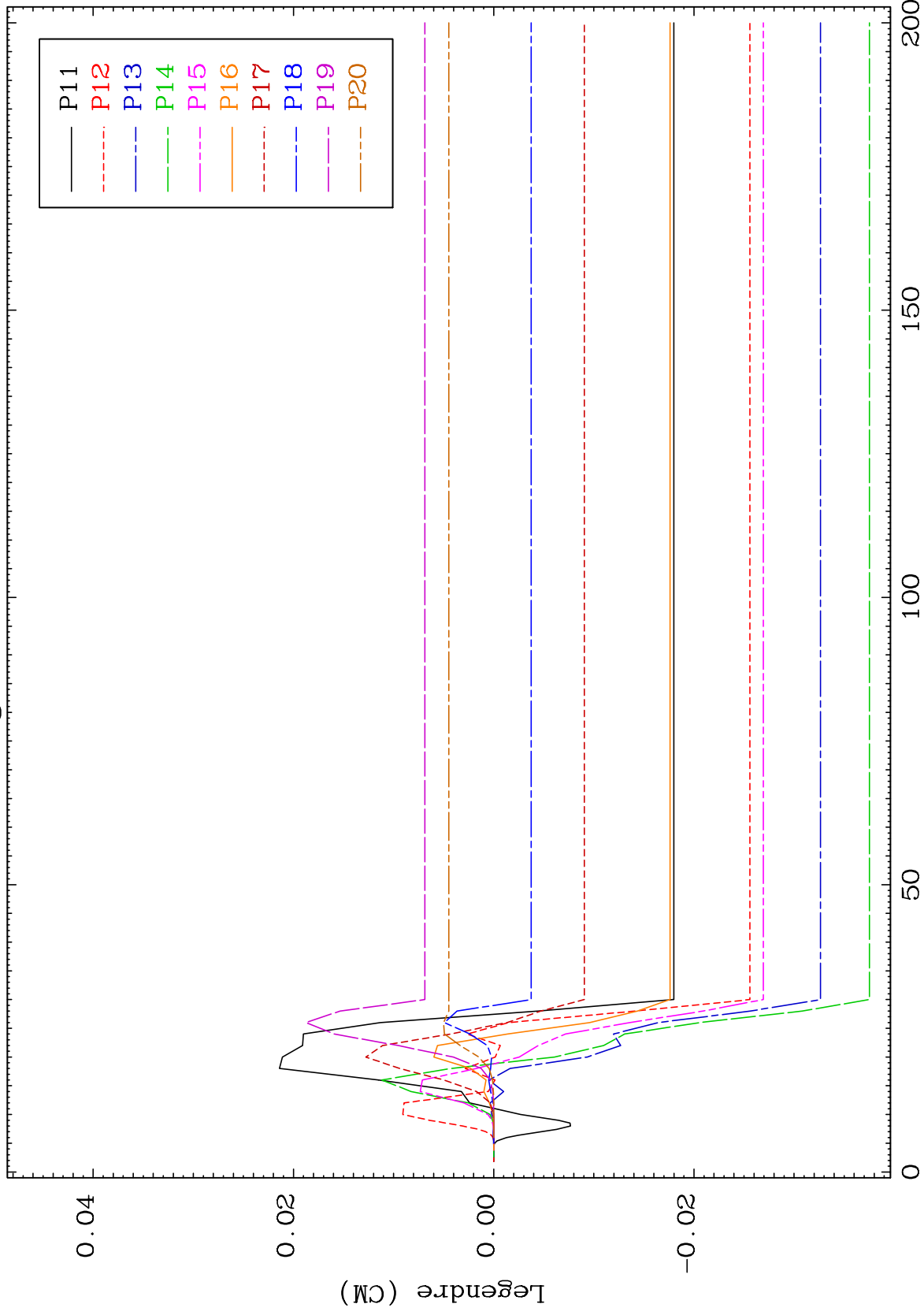
80-Hg-202



MAT 8043

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

80-Hg-202



25

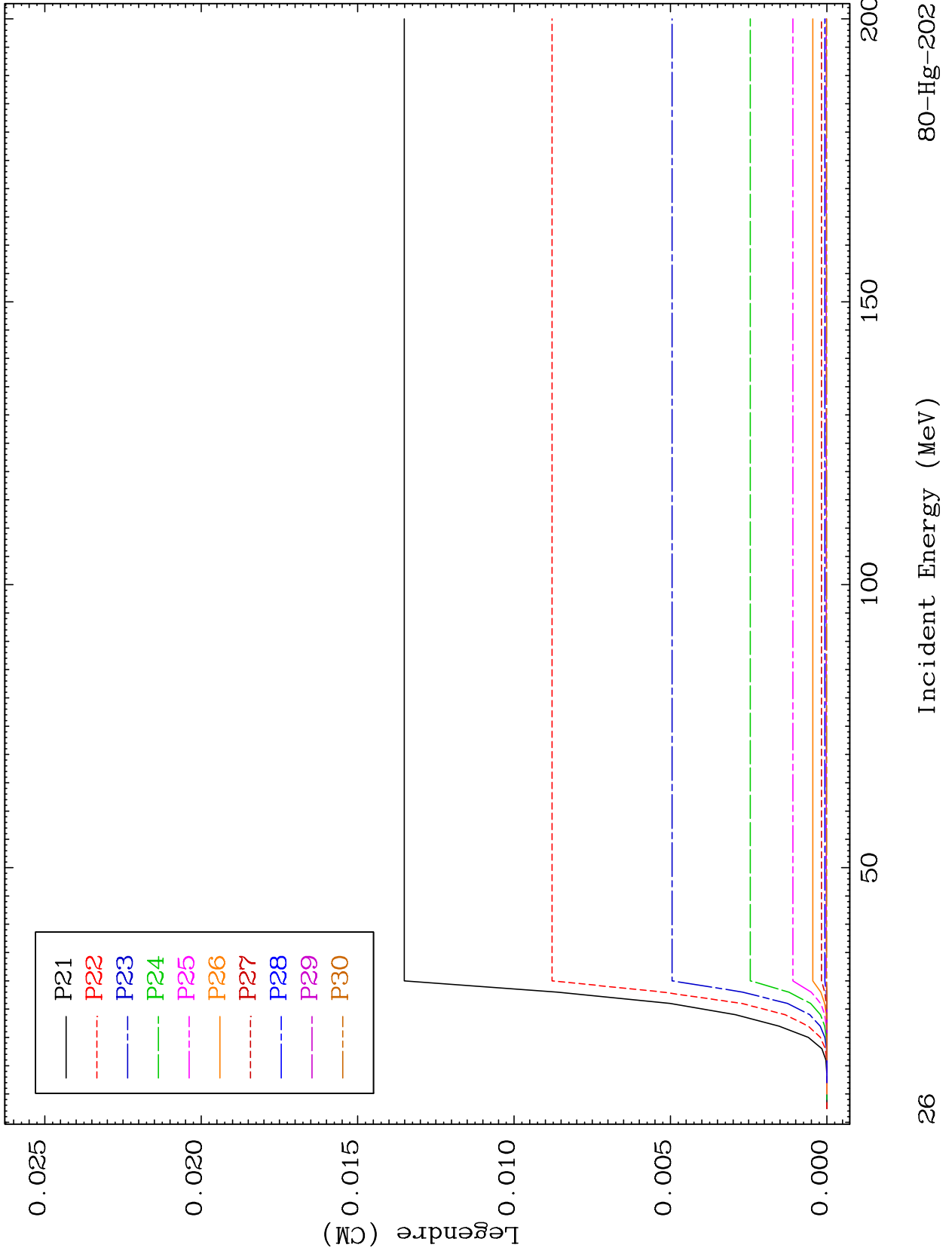
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202

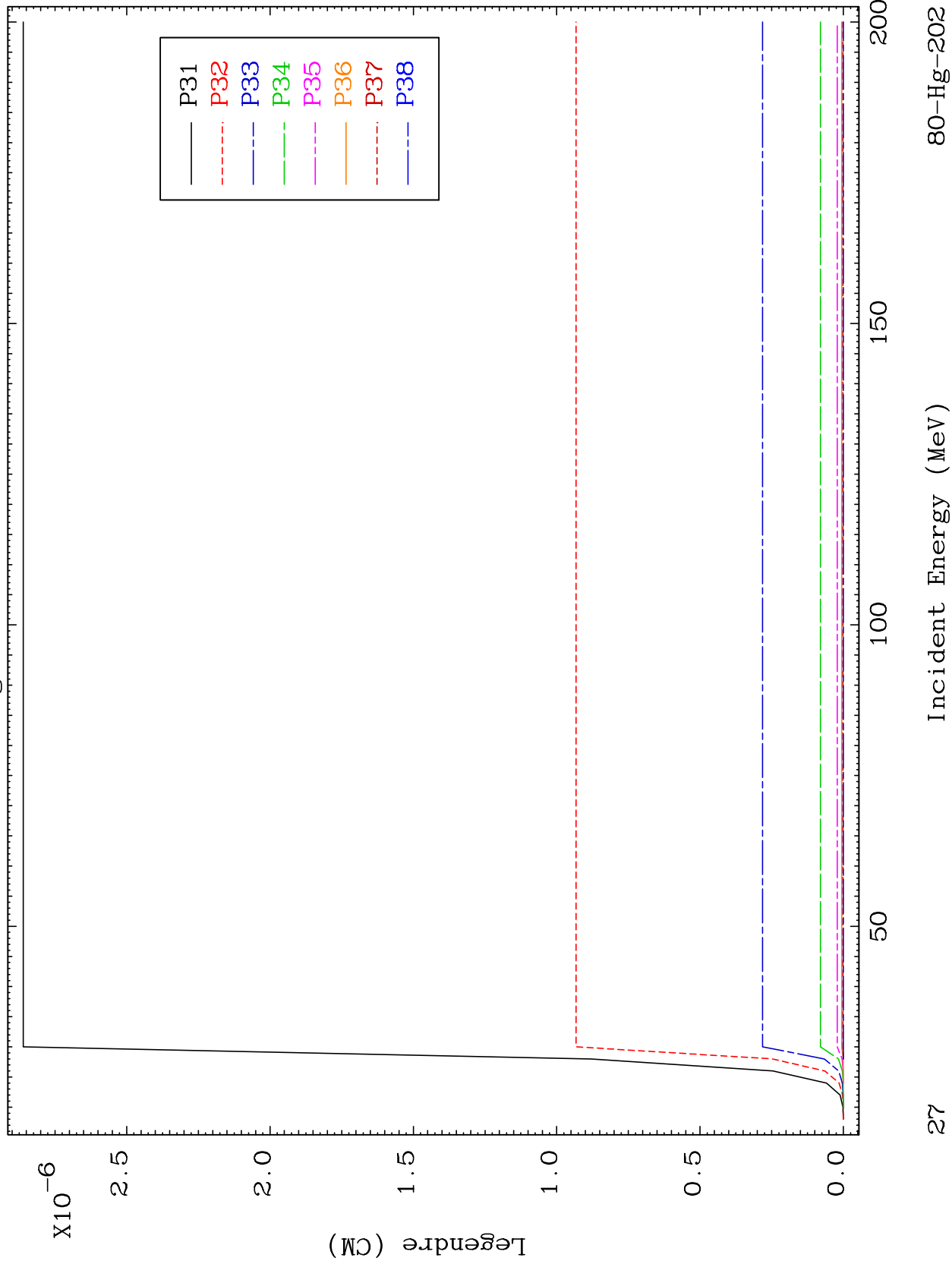


26

MAT 8043

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

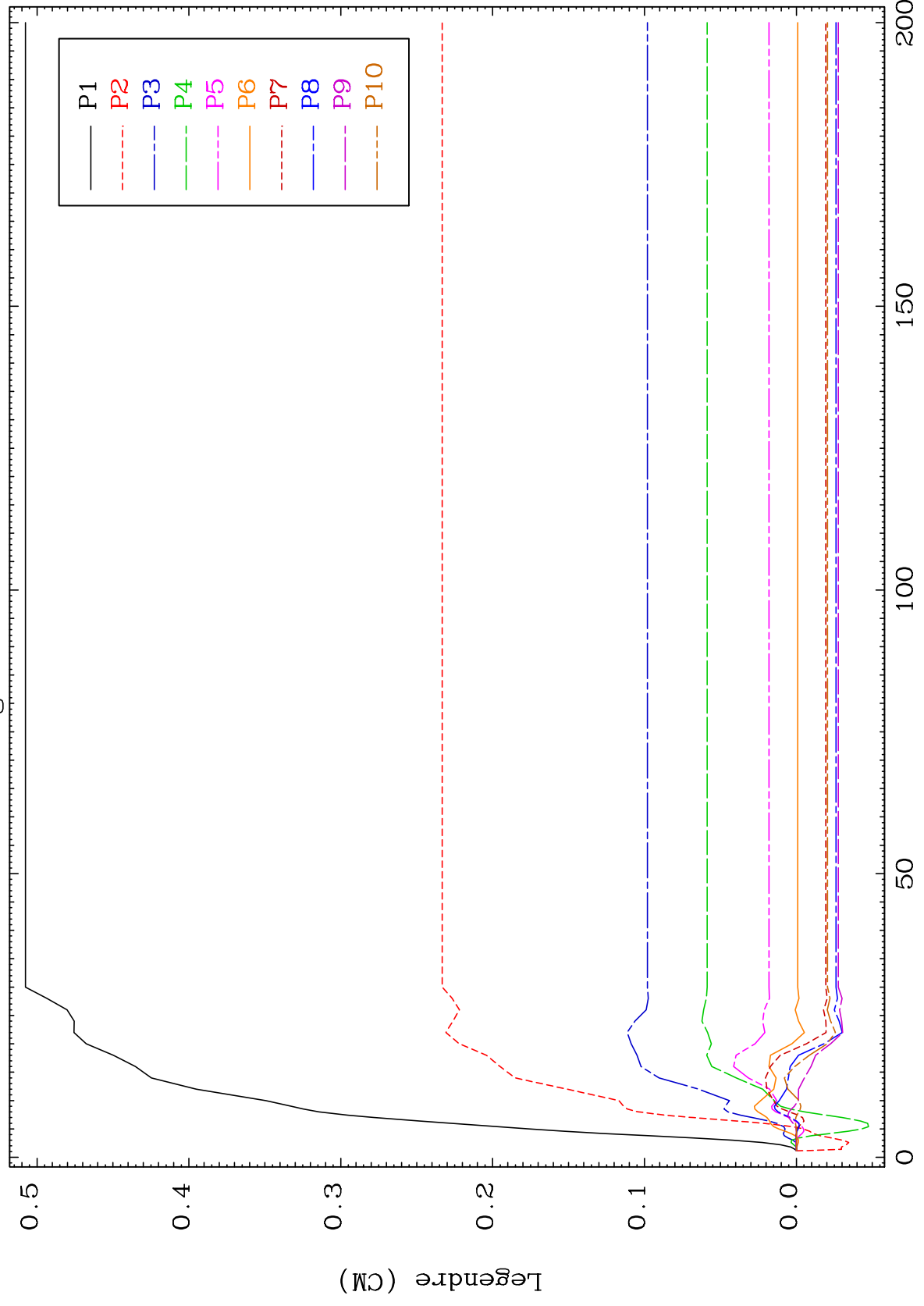
80-Hg-202



MAT 8043

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

80-Hg-202



28

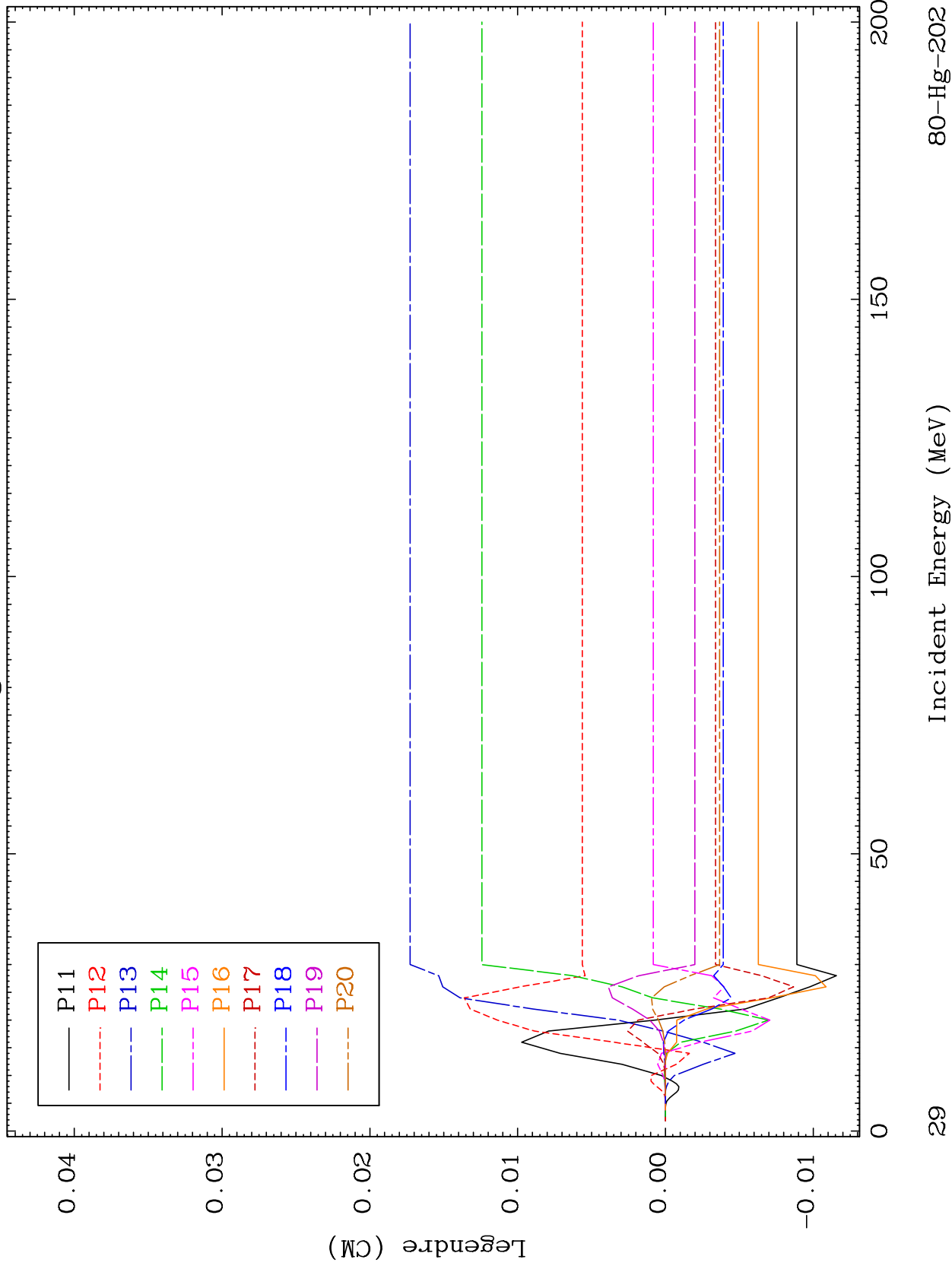
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



29

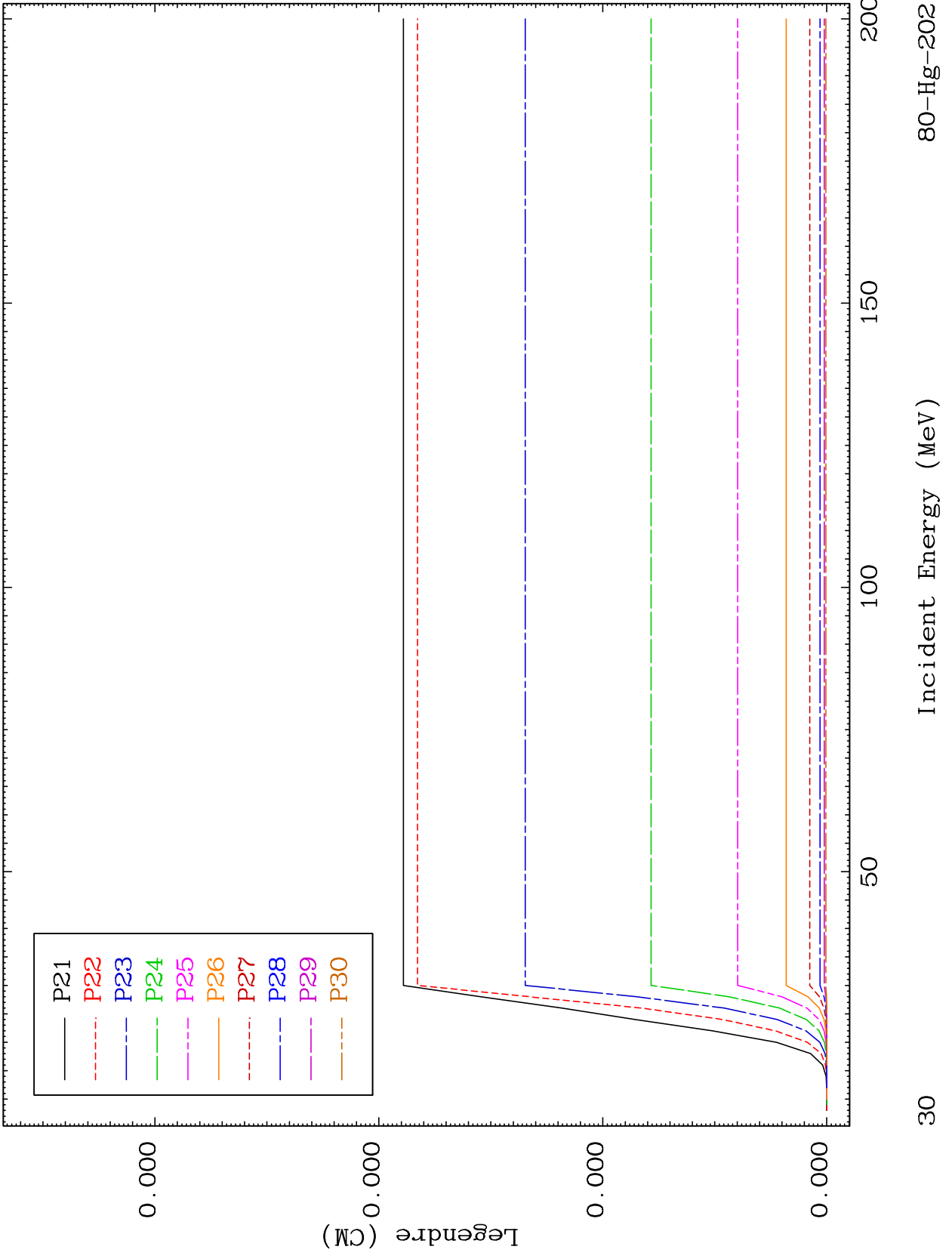
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



80-Hg-202

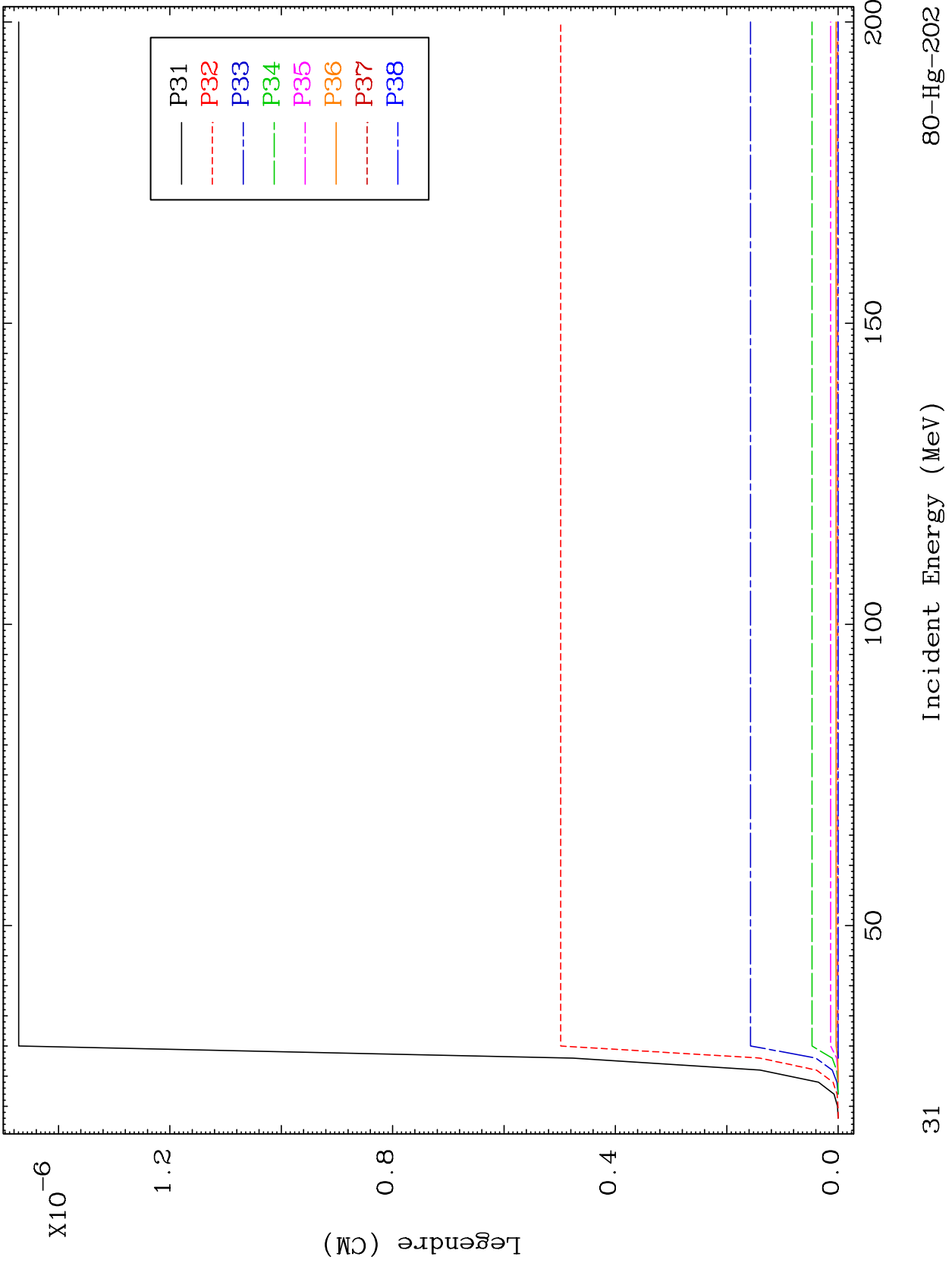
Incident Energy (MeV)

30

MAT 8043

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

80-Hg-202

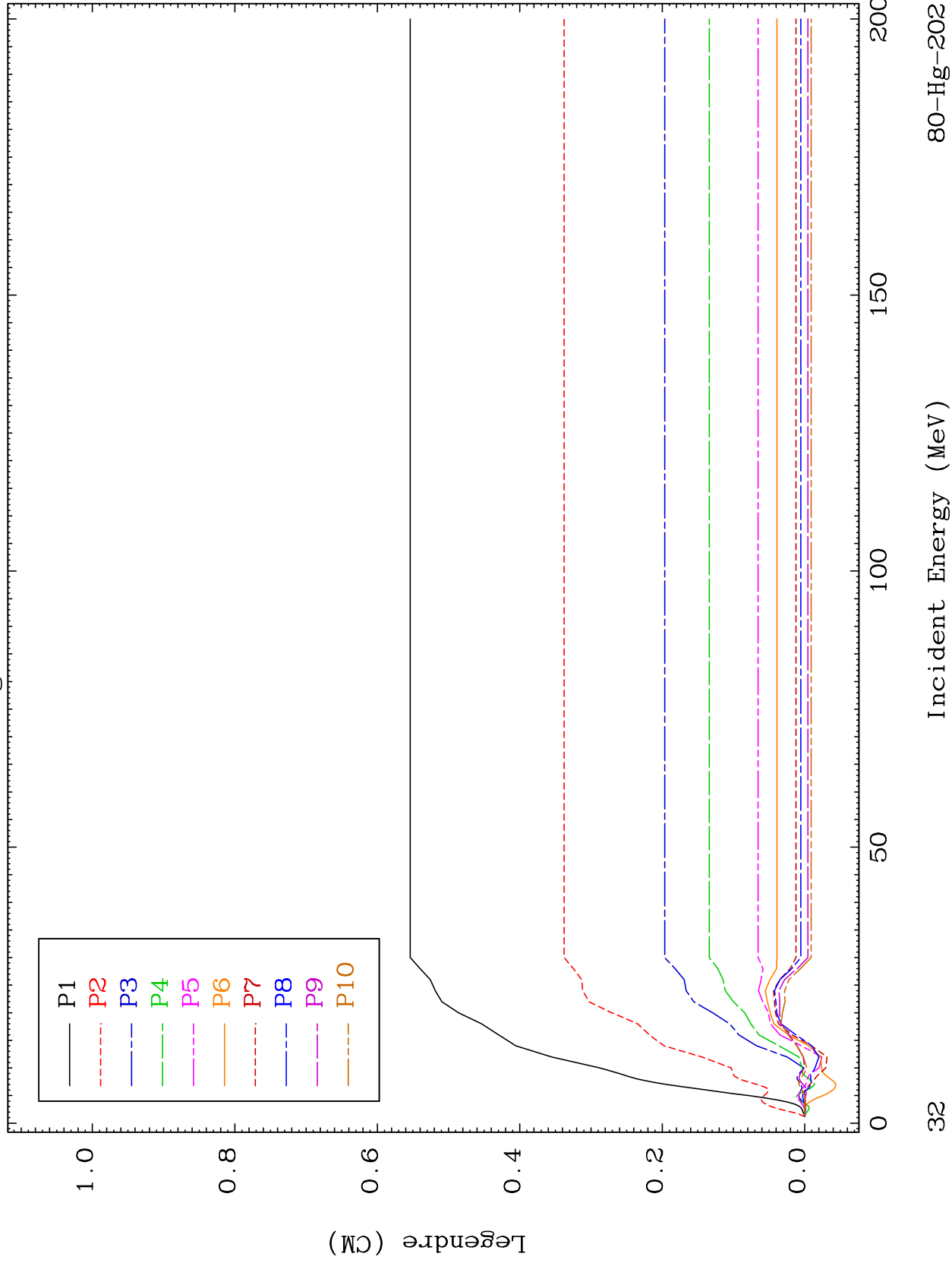




MAT 8043

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

80-Hg-202



32

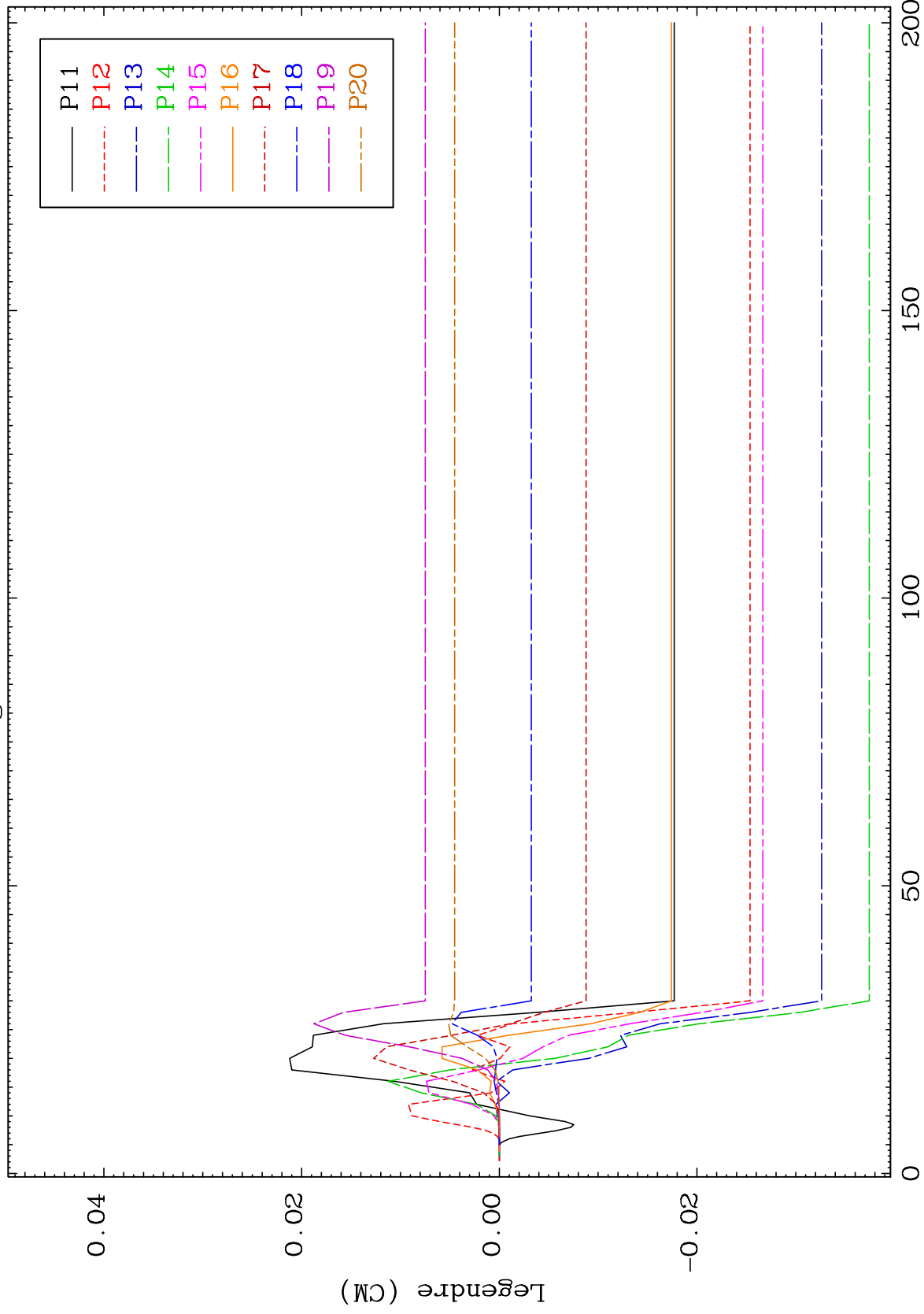
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



33

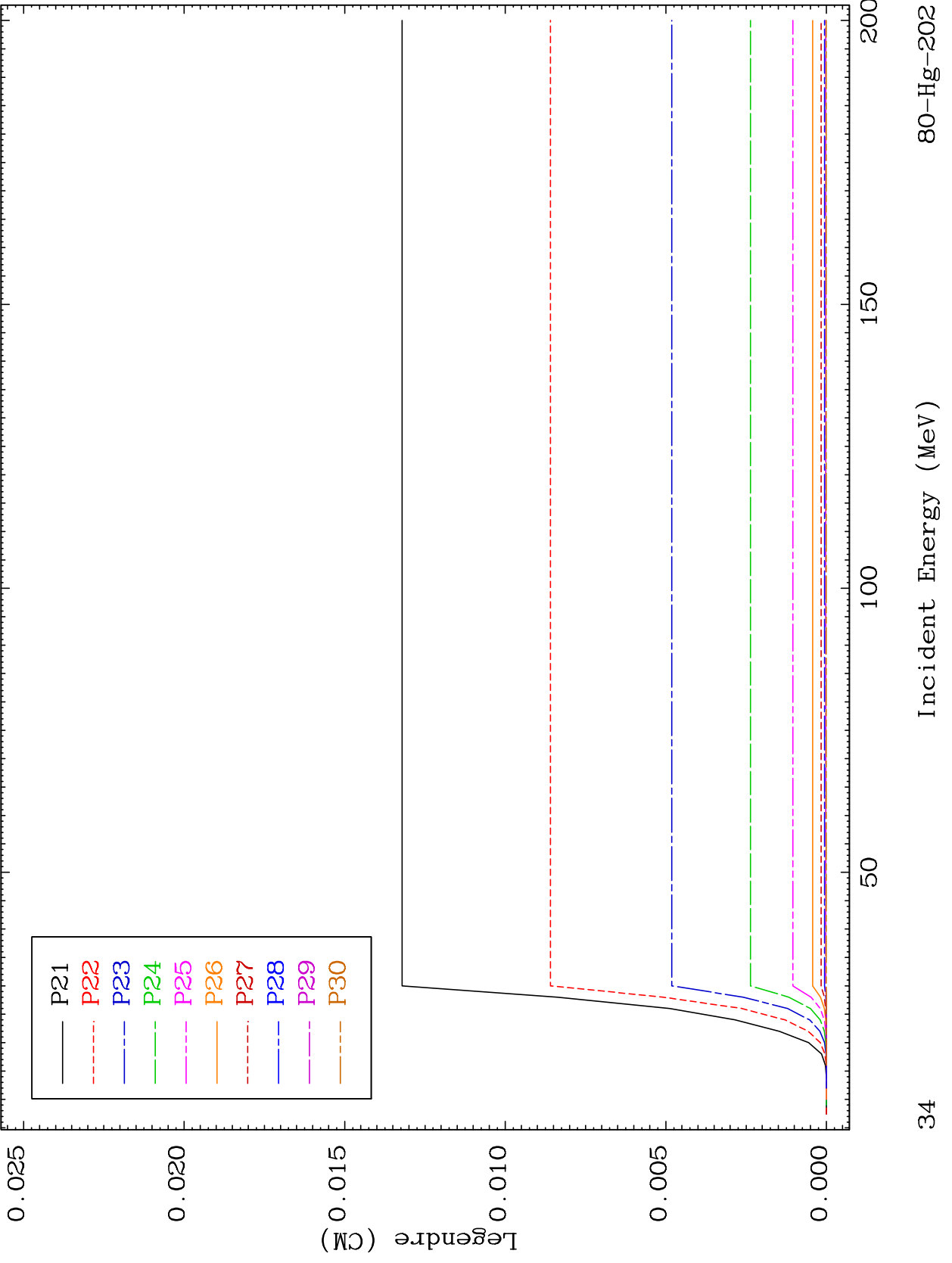
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

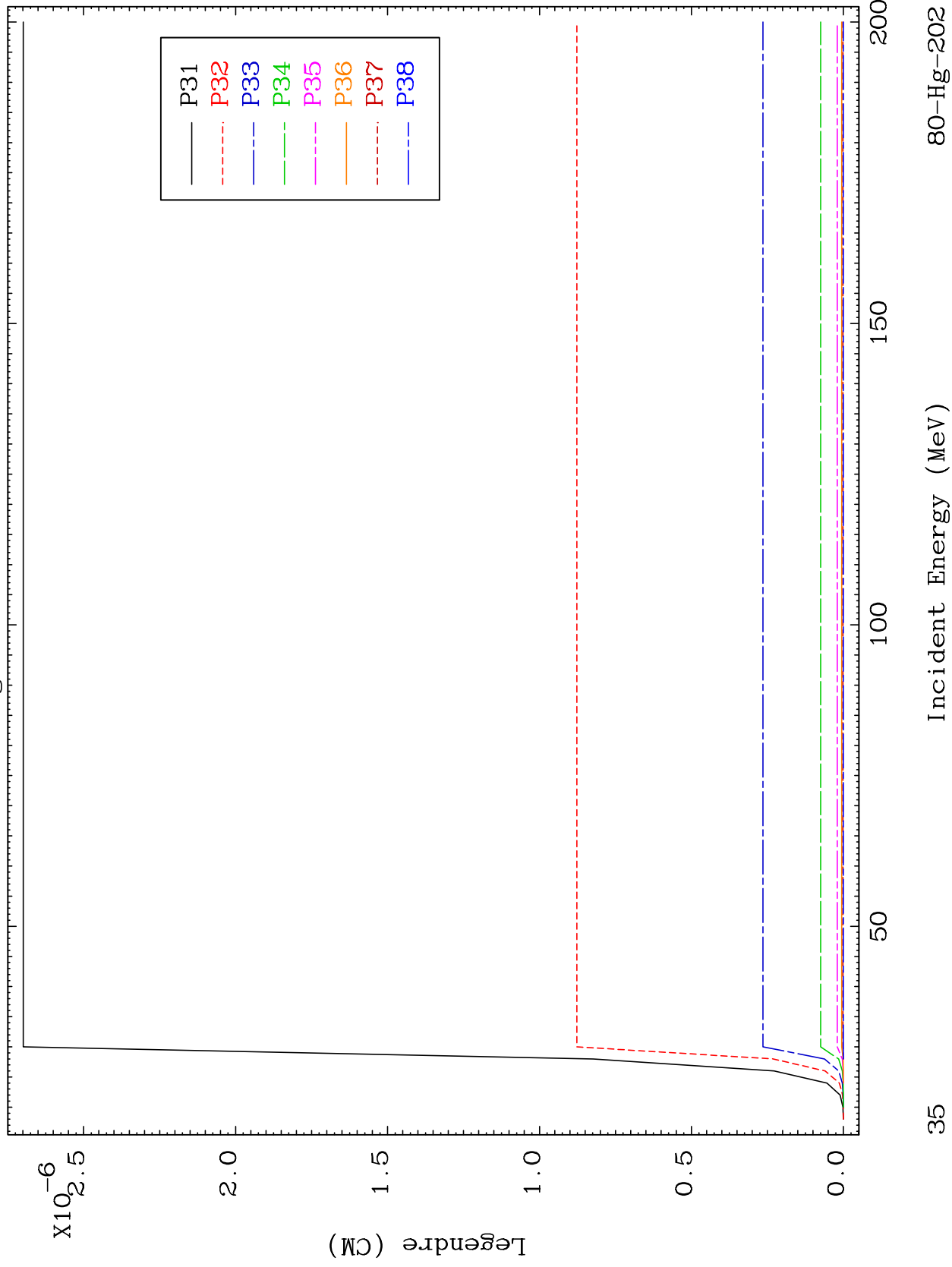
80-Hg-202



MAT 8043

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

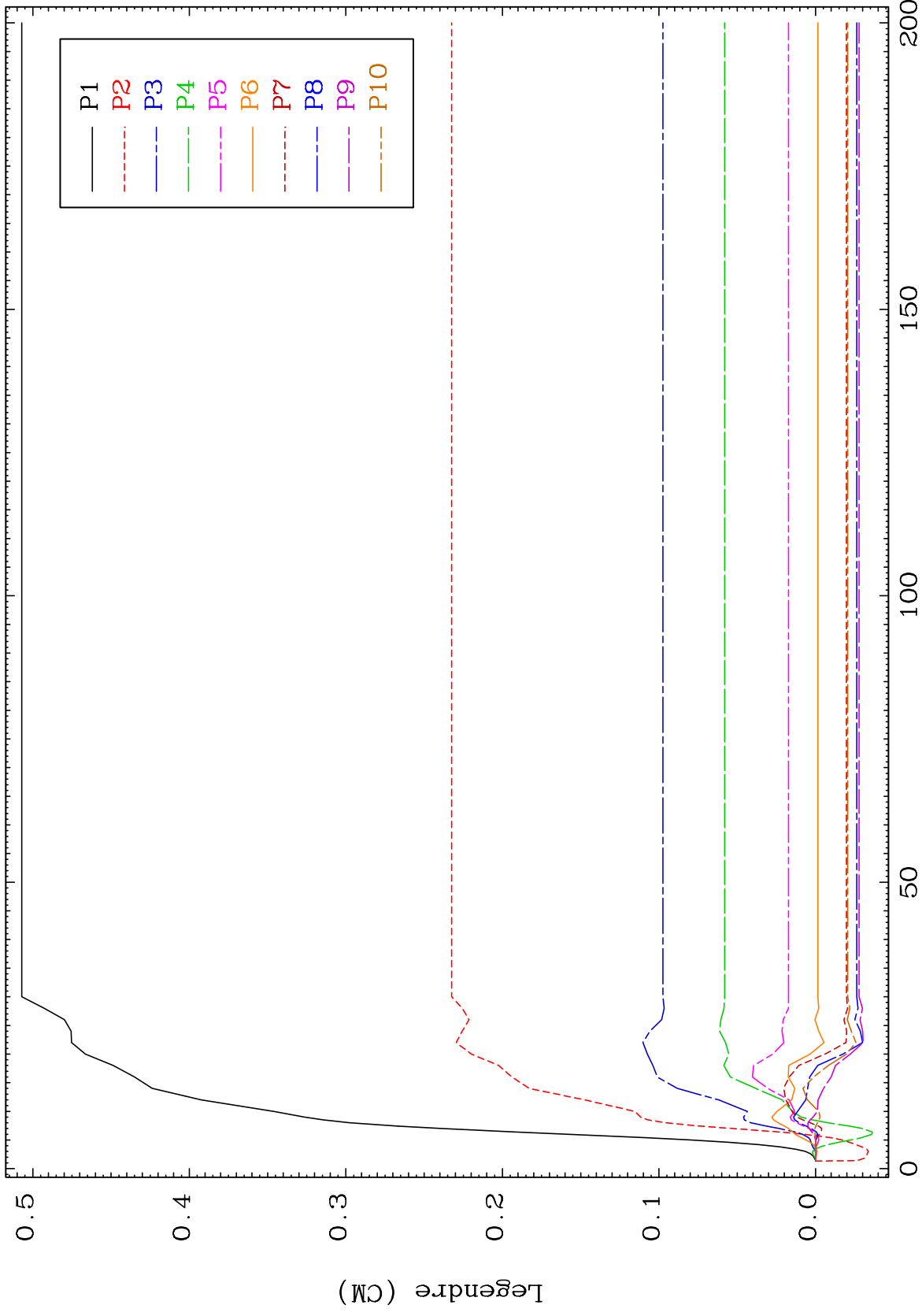
80-Hg-202



MAT 8043

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

80-Hg-202



36

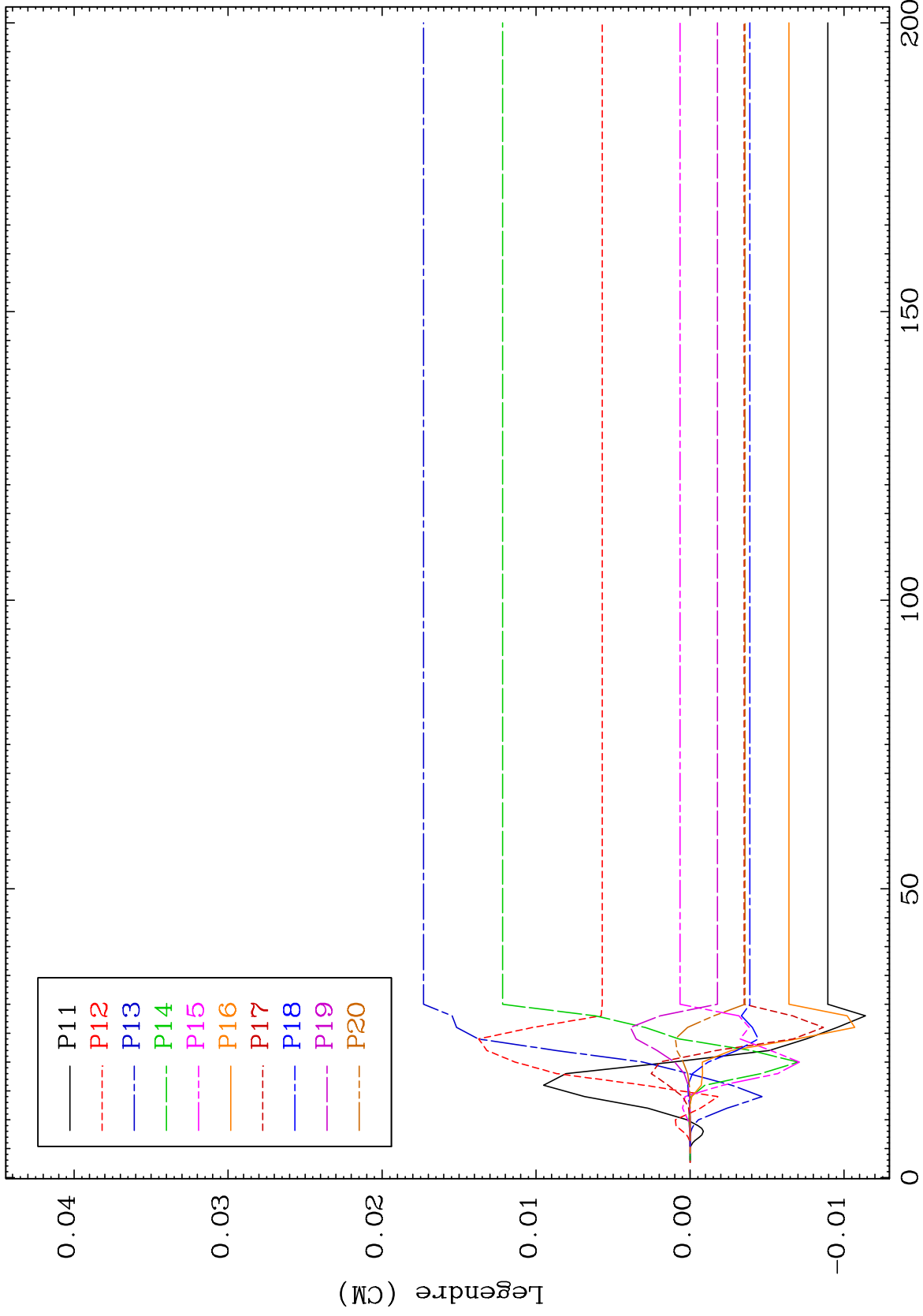
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



37

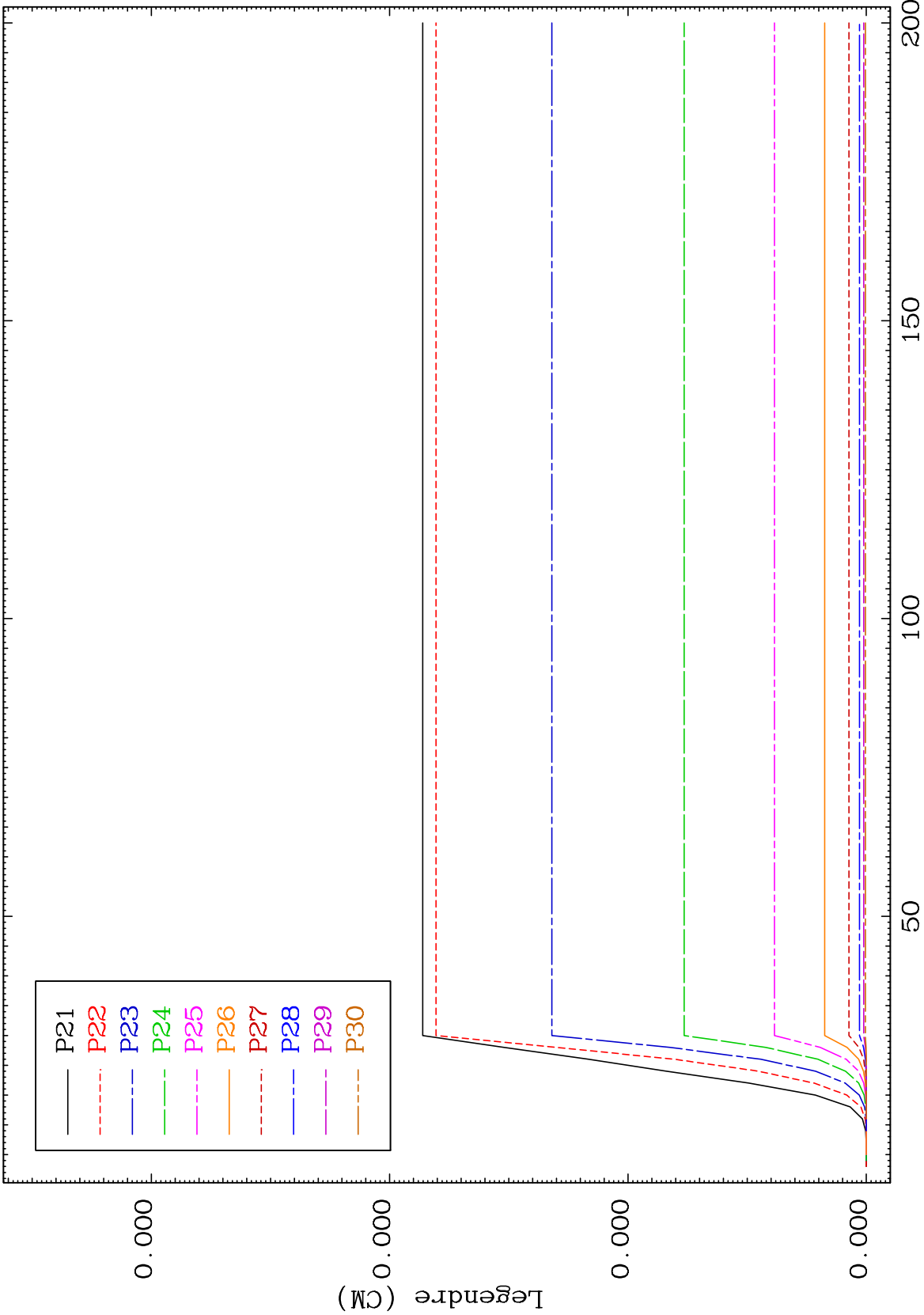
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



38

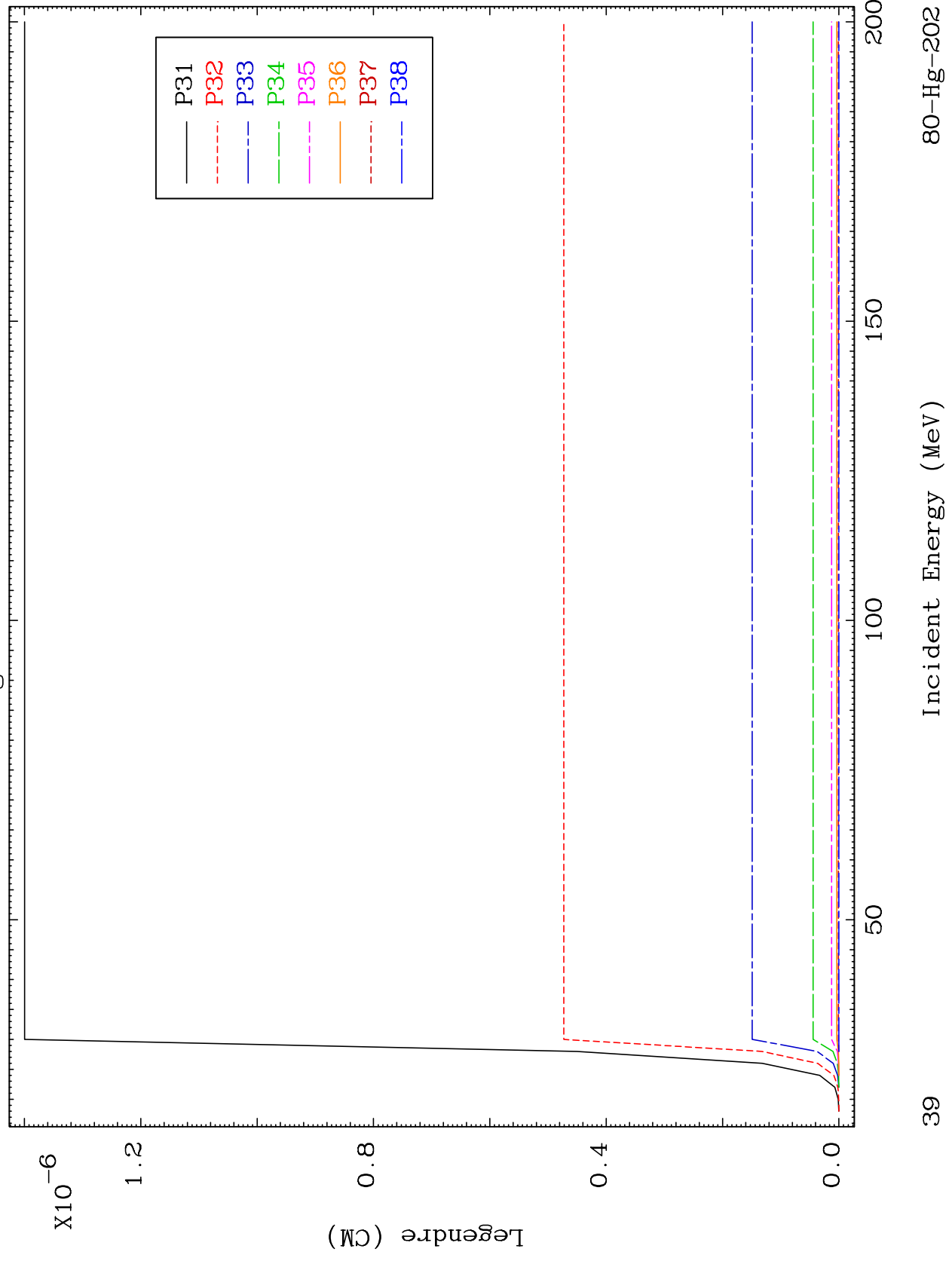
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202

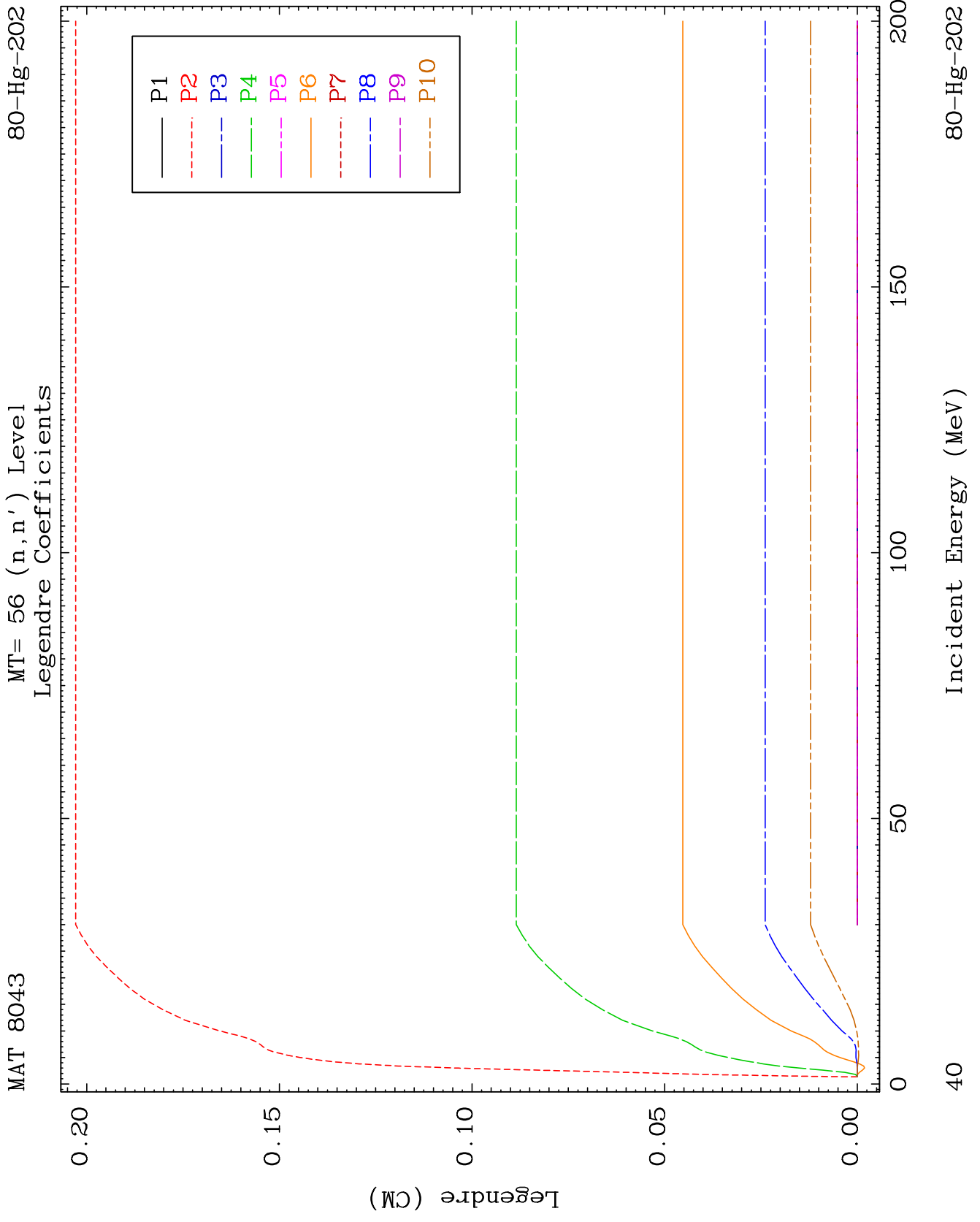


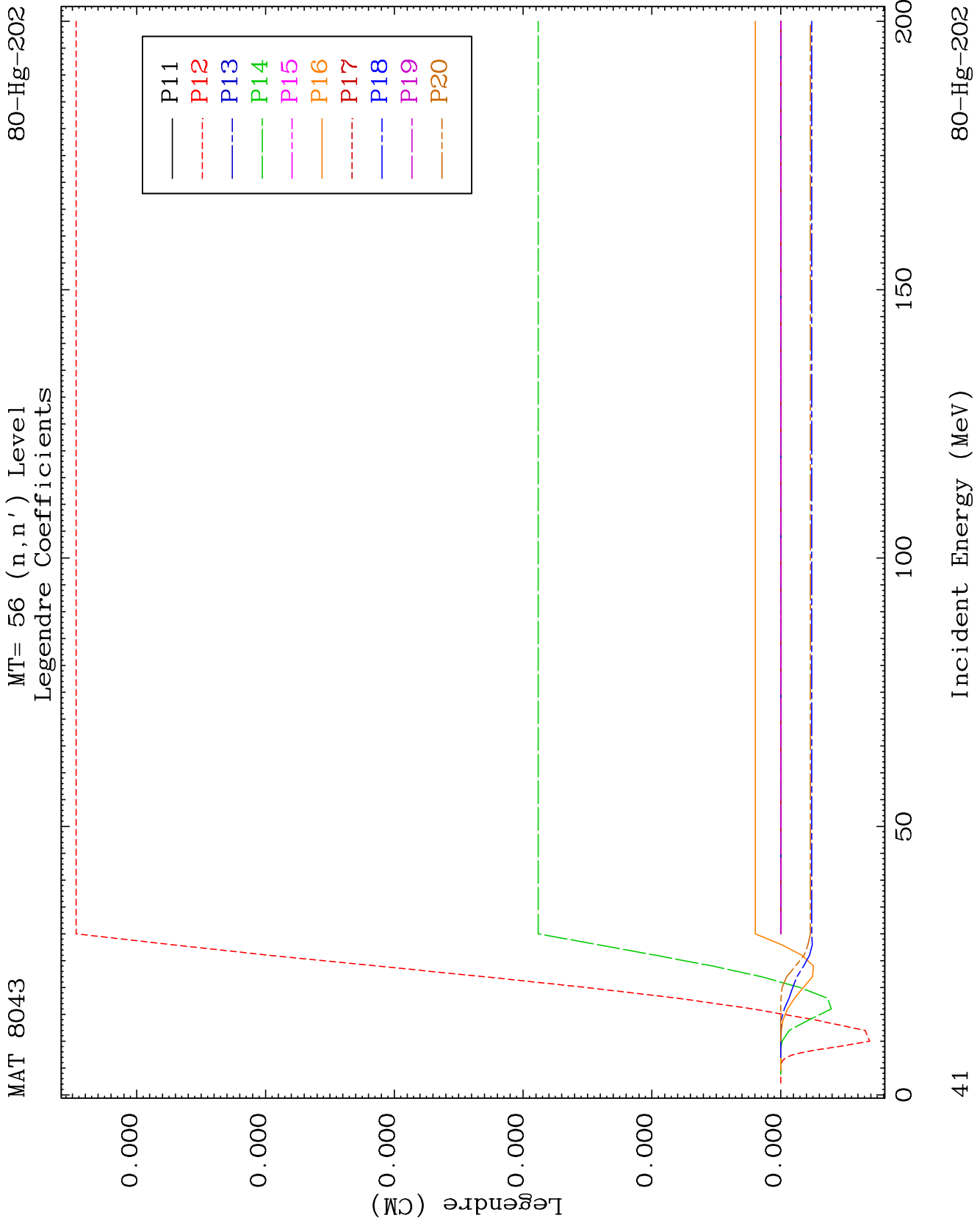
39

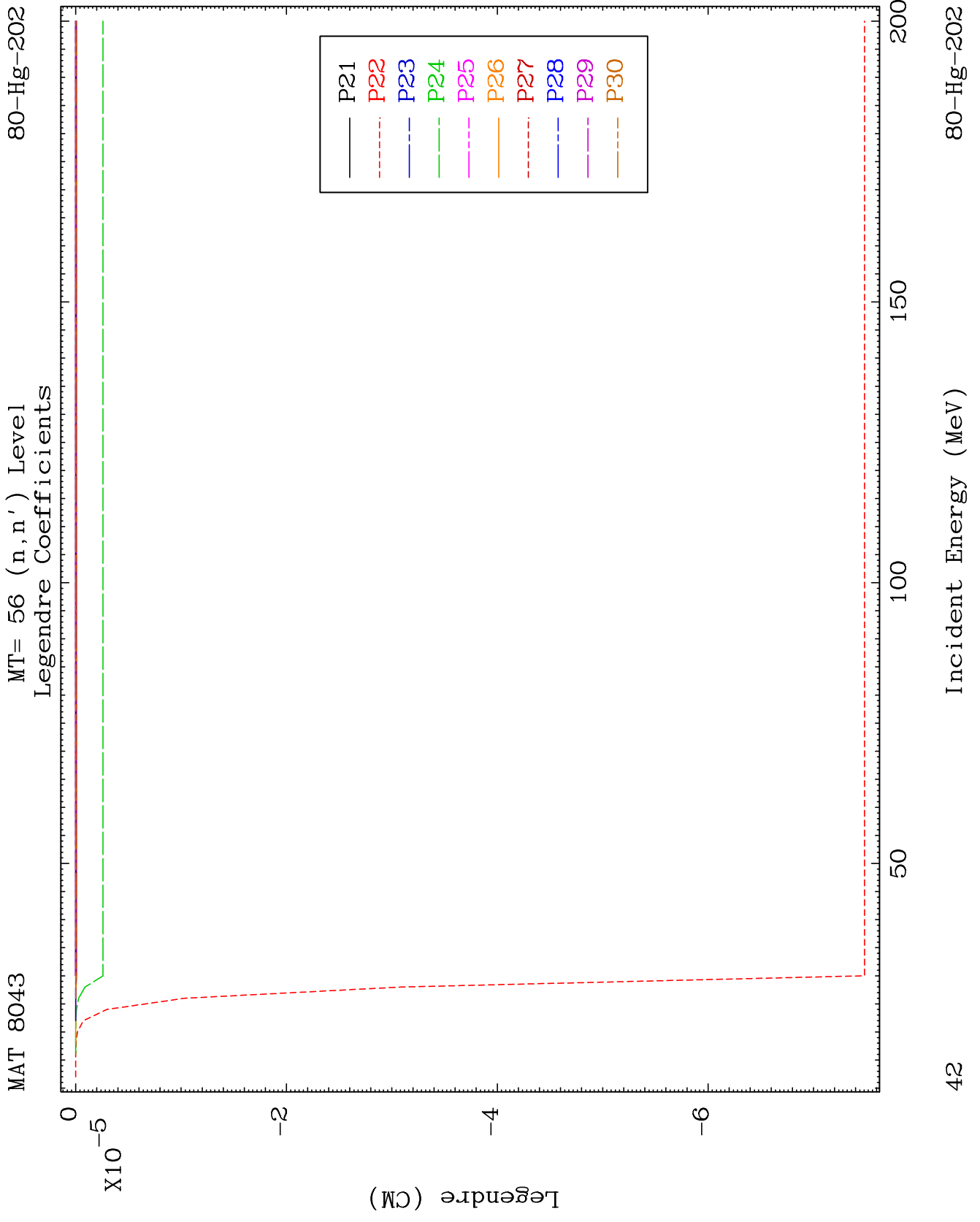
Incident Energy (MeV)

80-Hg-202





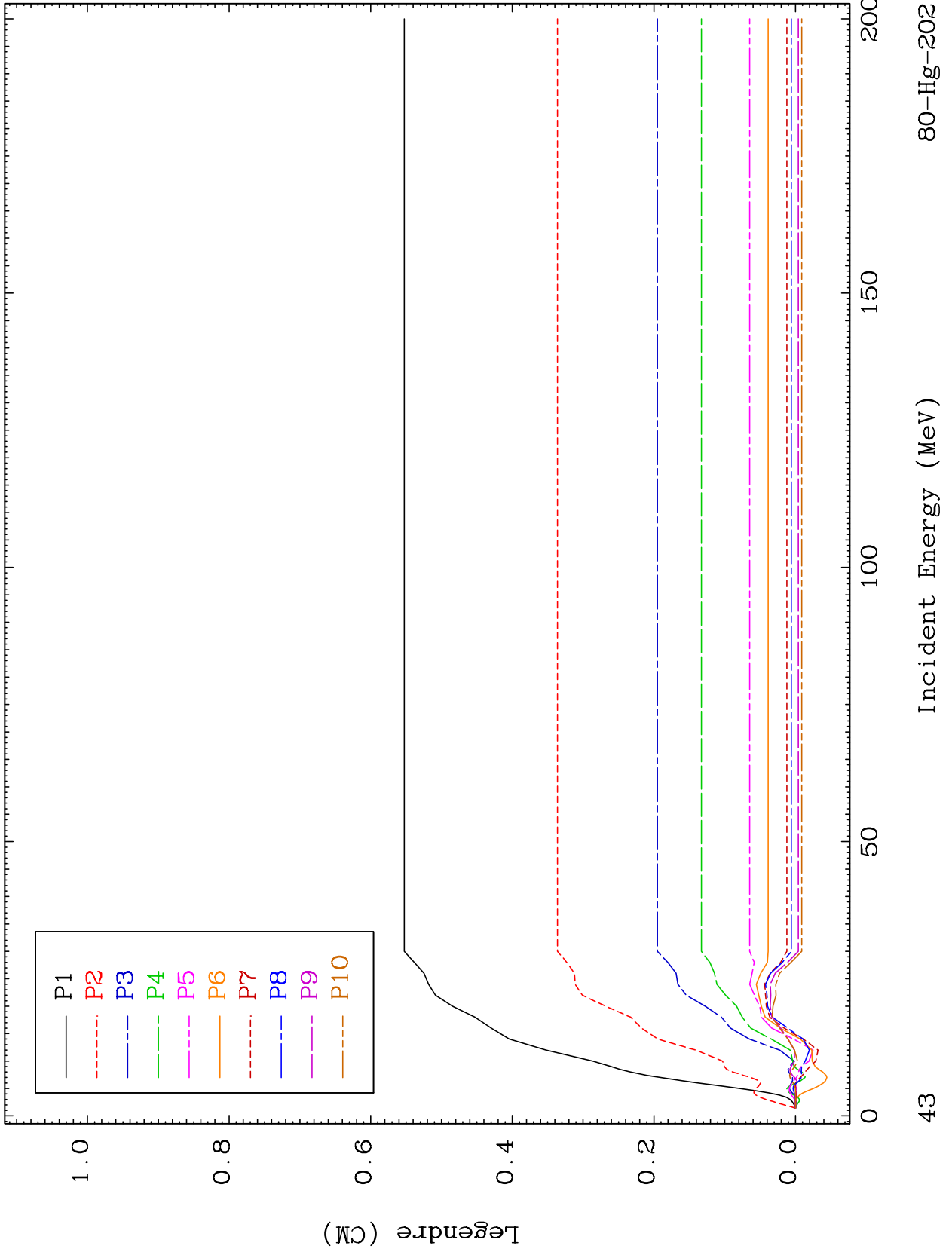




MAT 8043

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

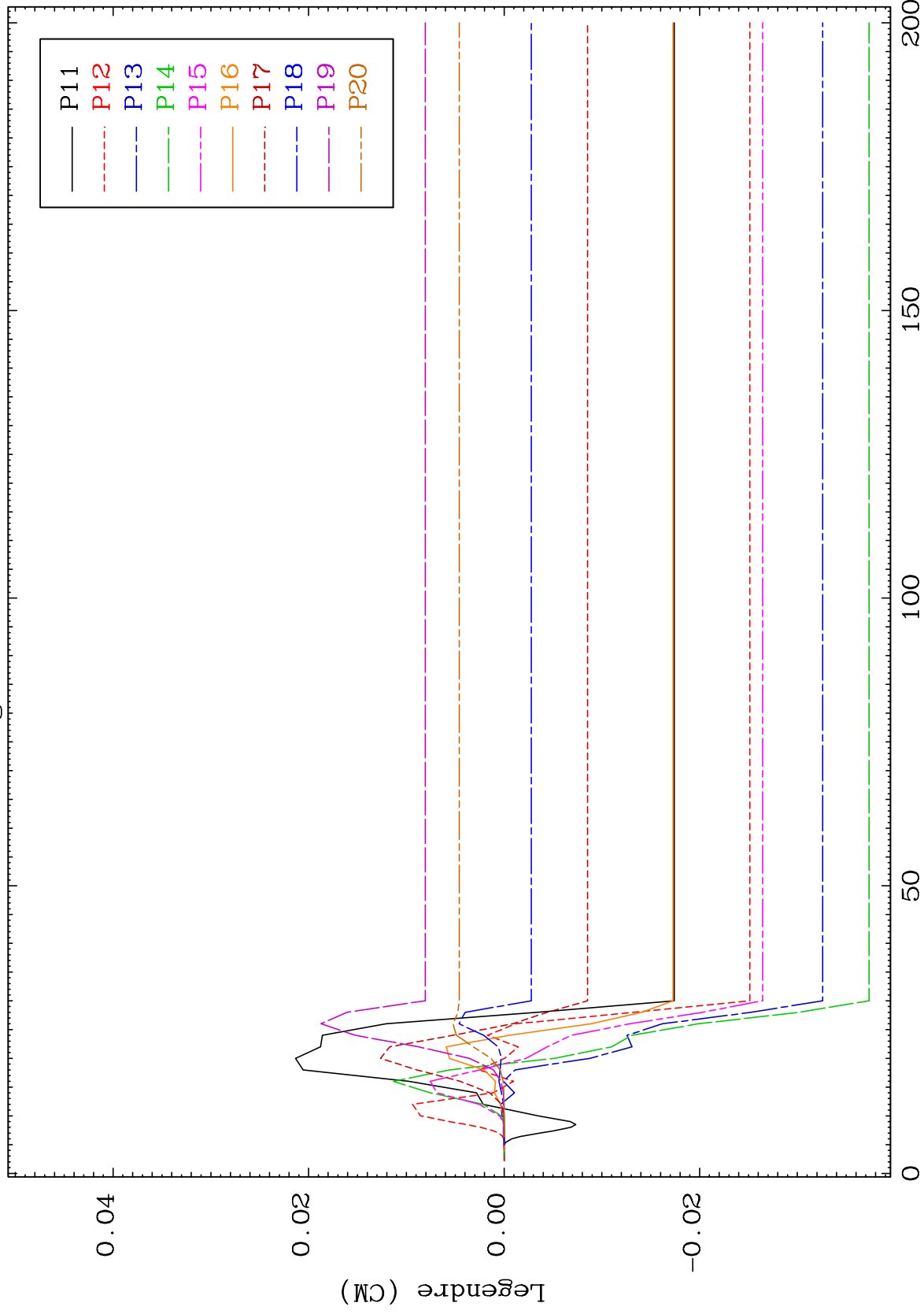
80-Hg-202



MAT 8043

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

80-Hg-202



44

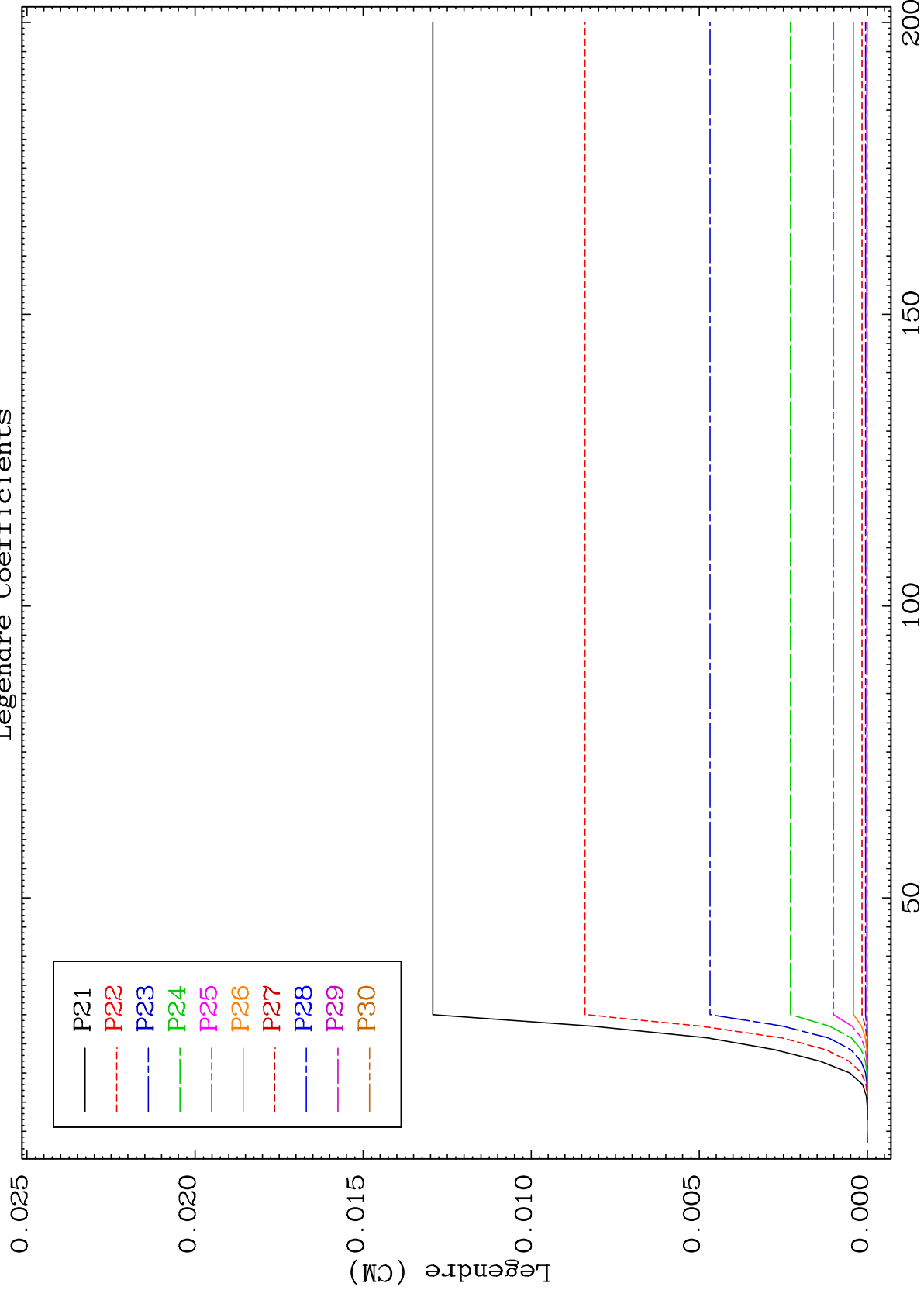
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



45

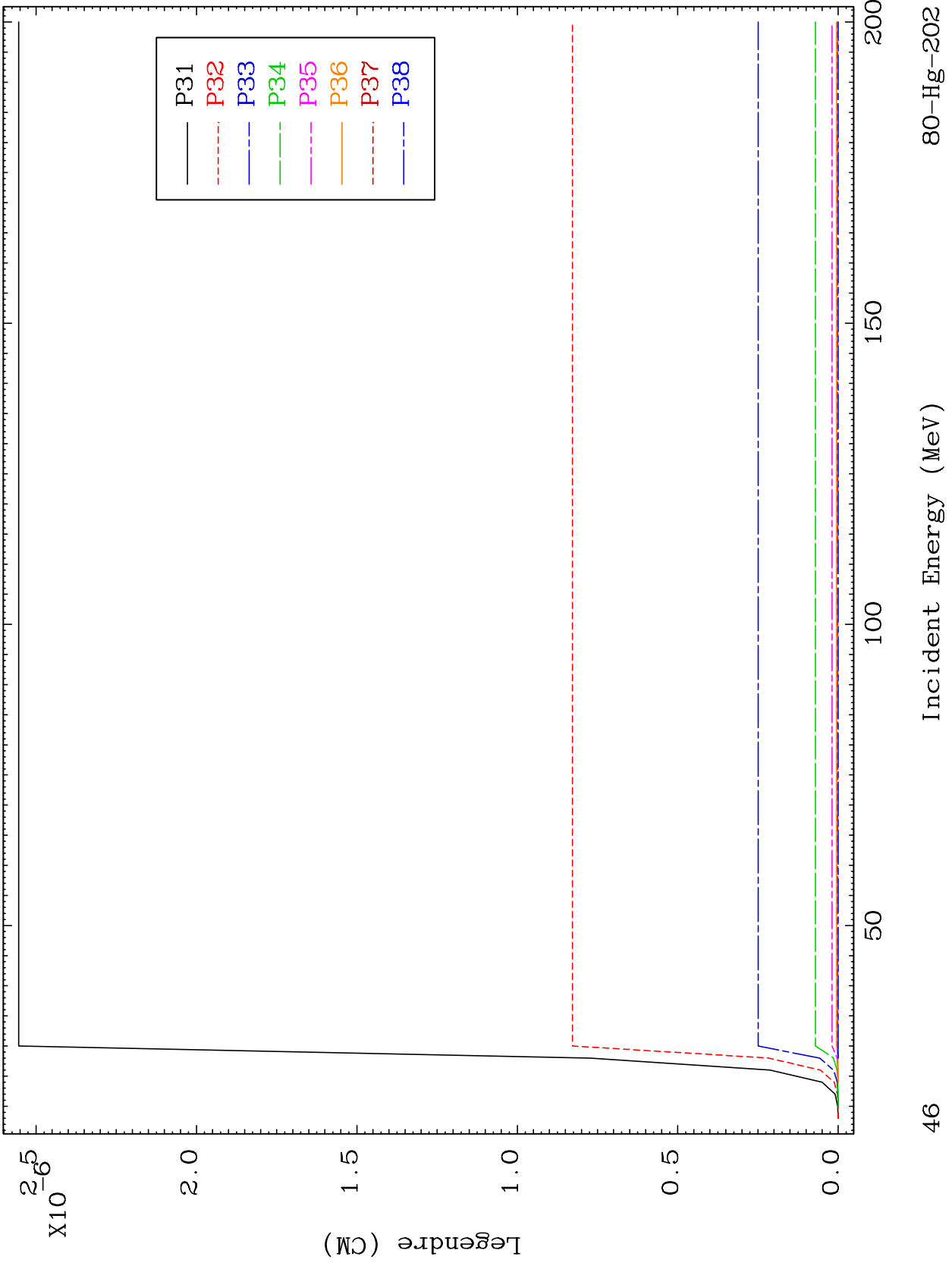
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

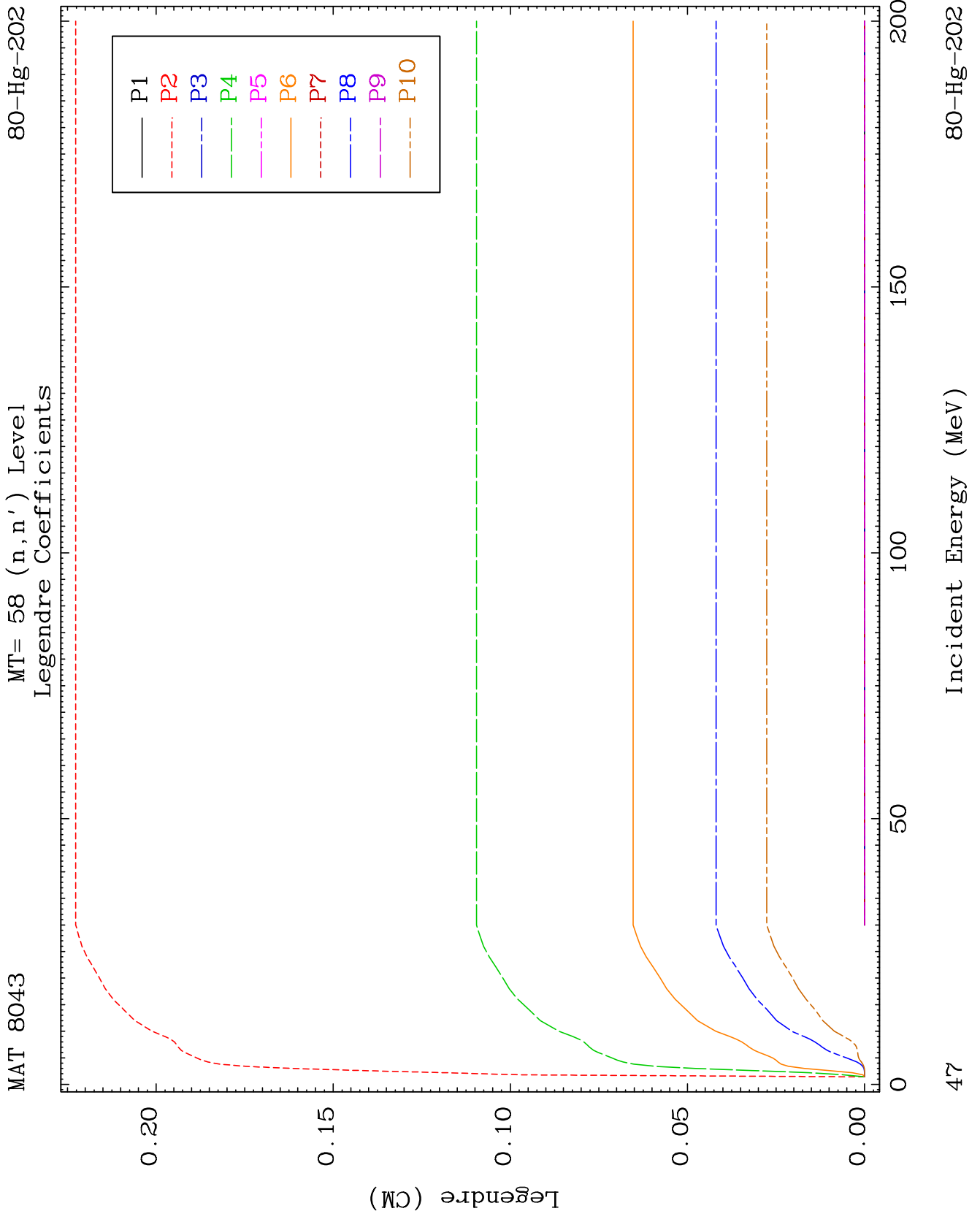
80-Hg-202



46

Incident Energy (MeV)

80-Hg-202

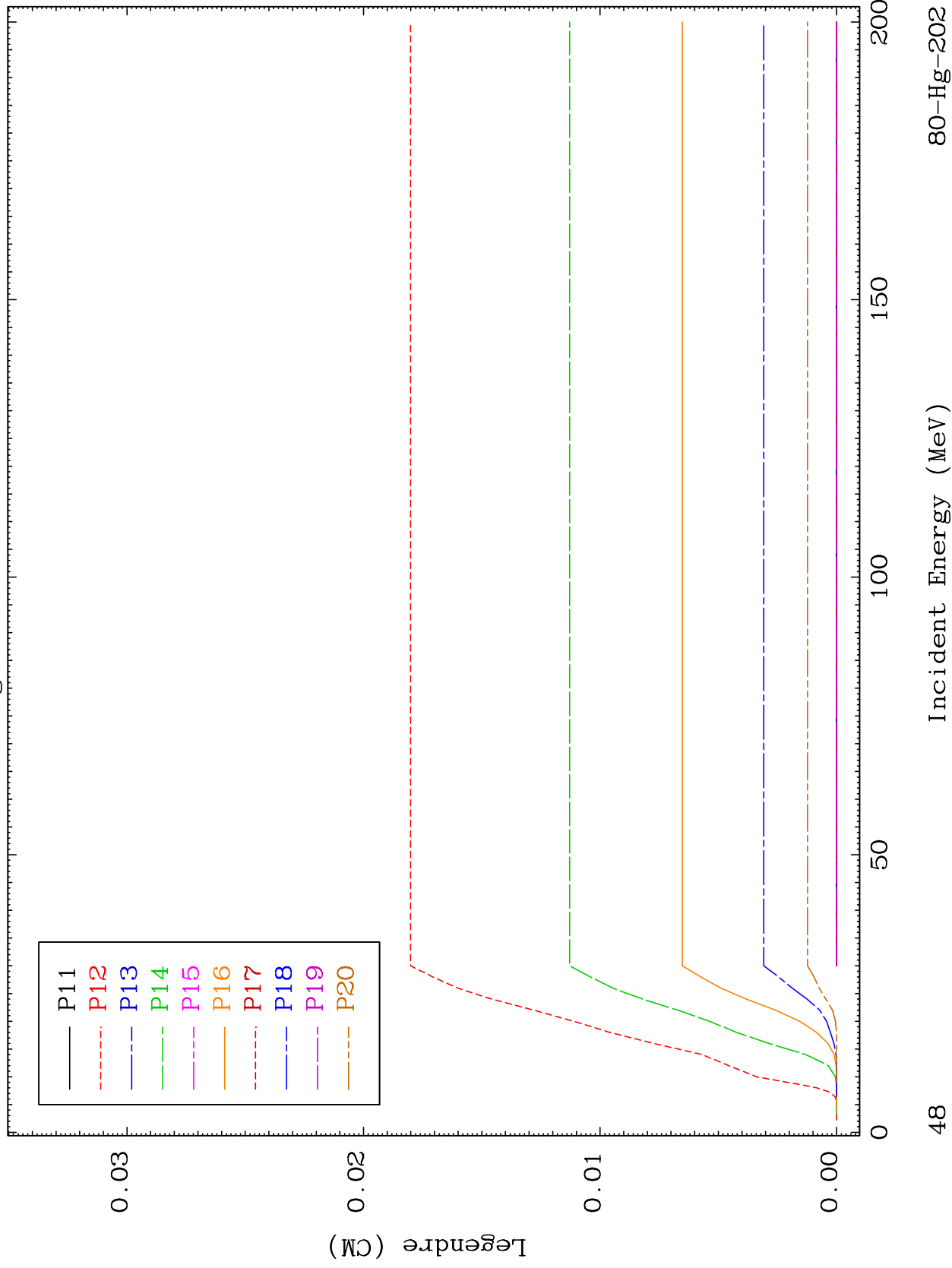




MAT 8043

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

80-Hg-202

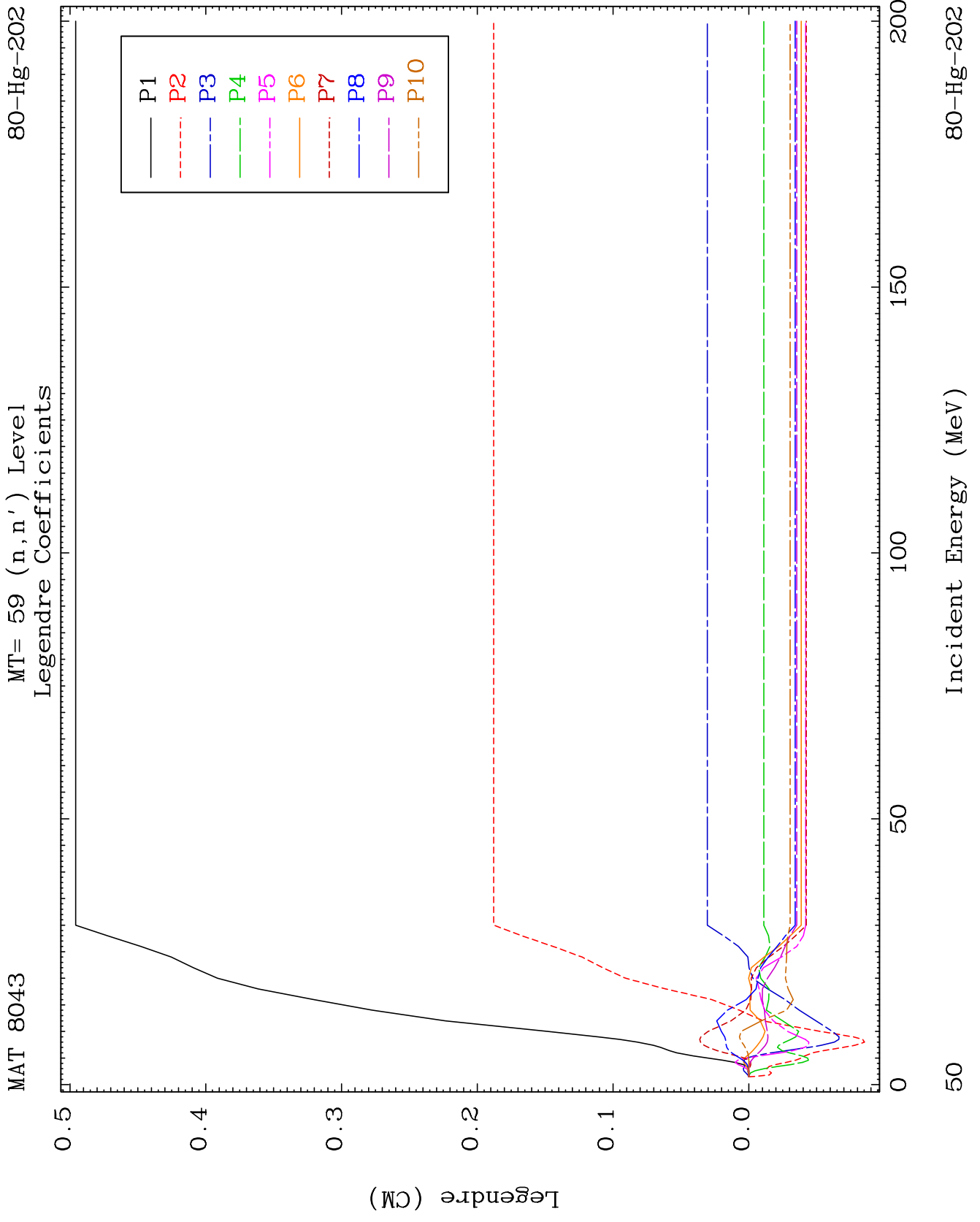


48

Incident Energy (MeV)

80-Hg-202

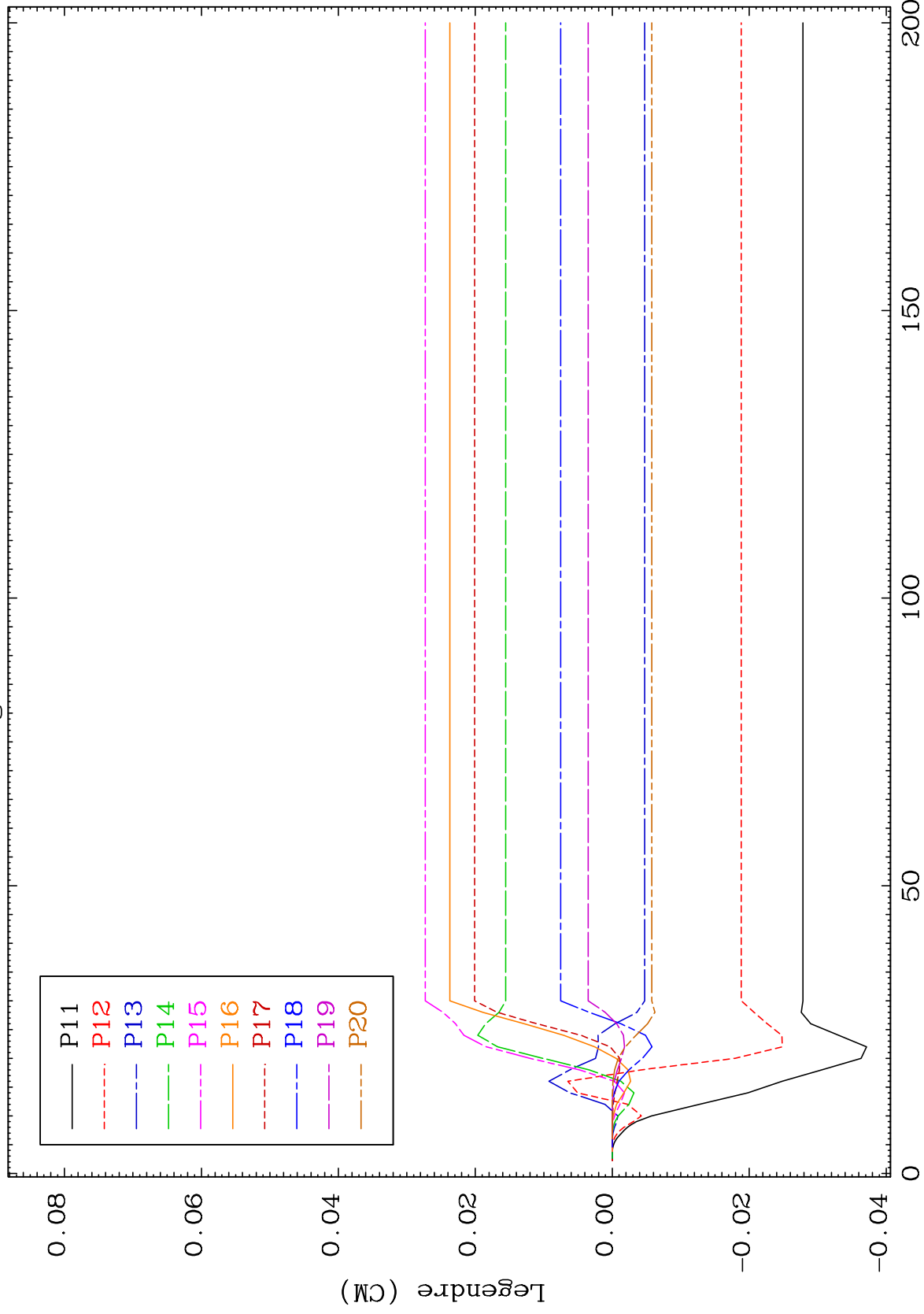




MAT 8043

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

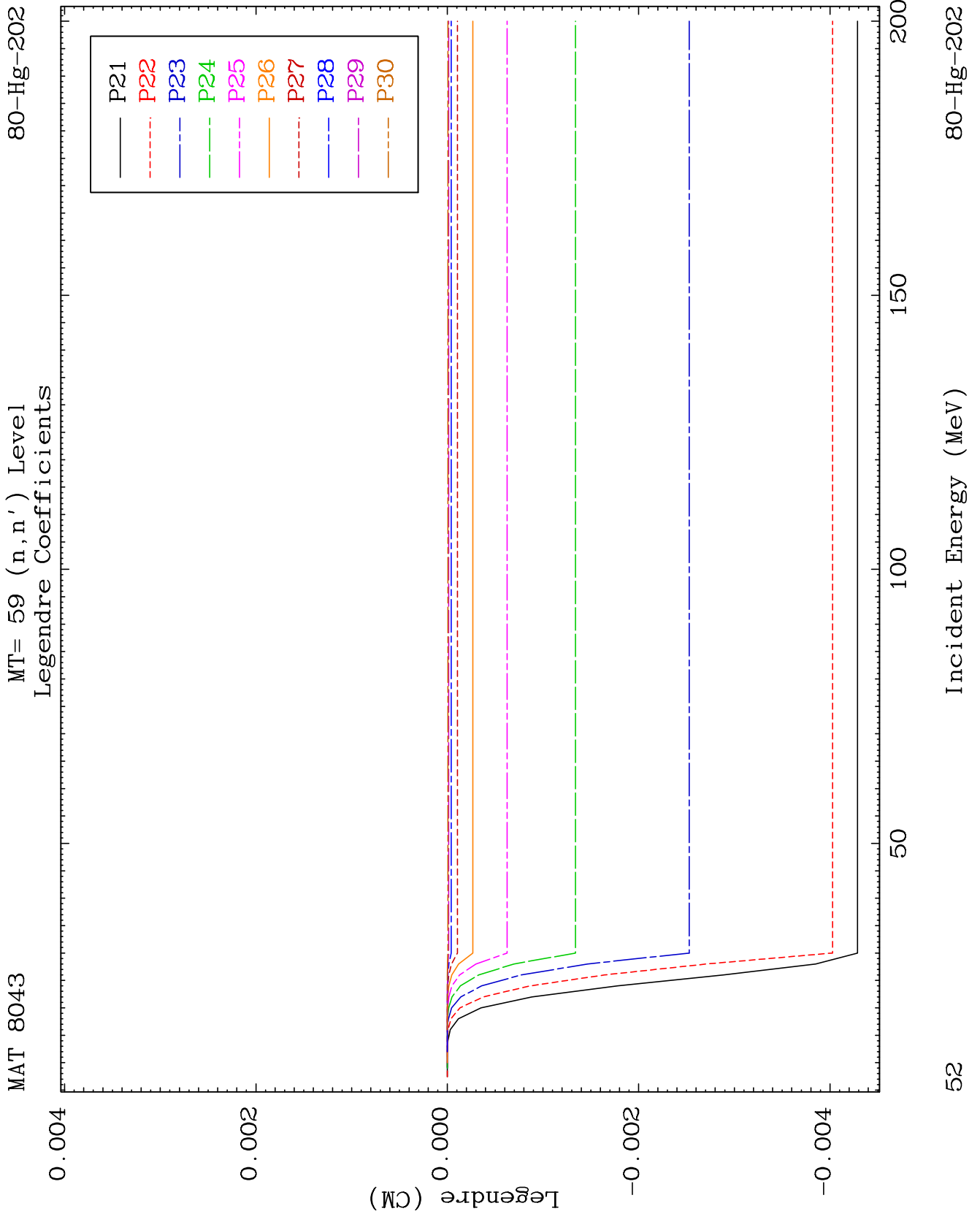
80-Hg-202

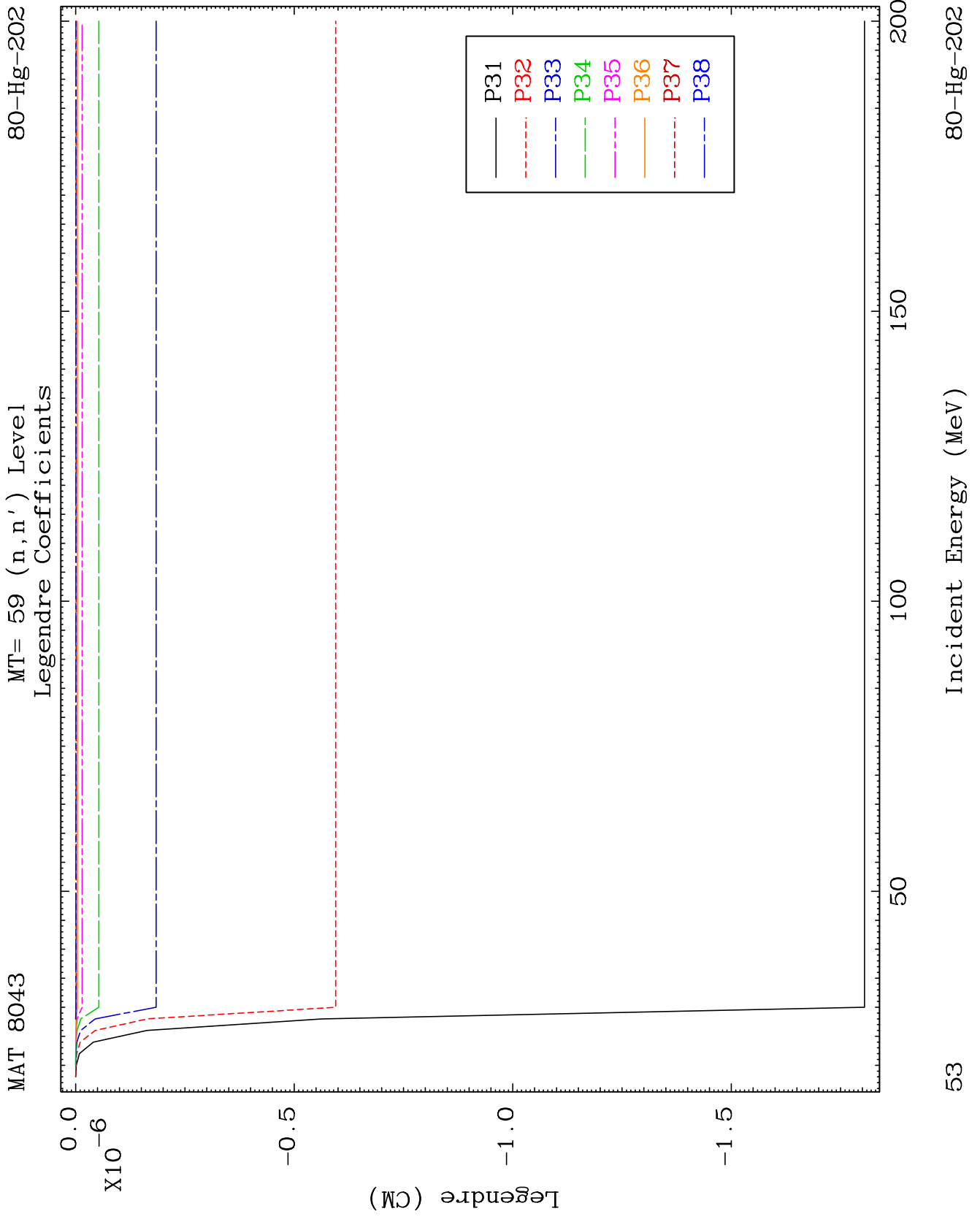


51

Incident Energy (MeV)

80-Hg-202

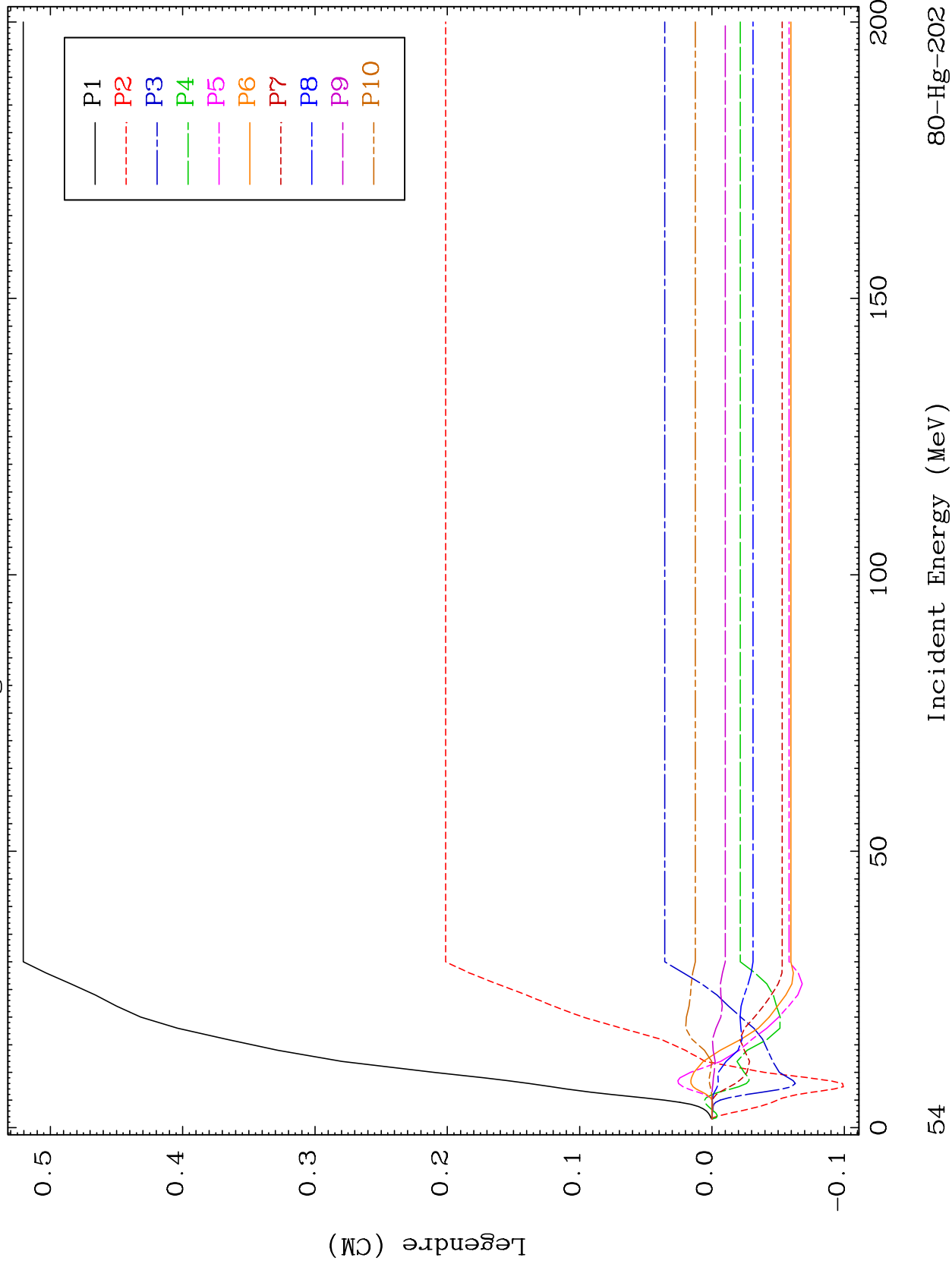




MAT 8043

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

80-Hg-202



54

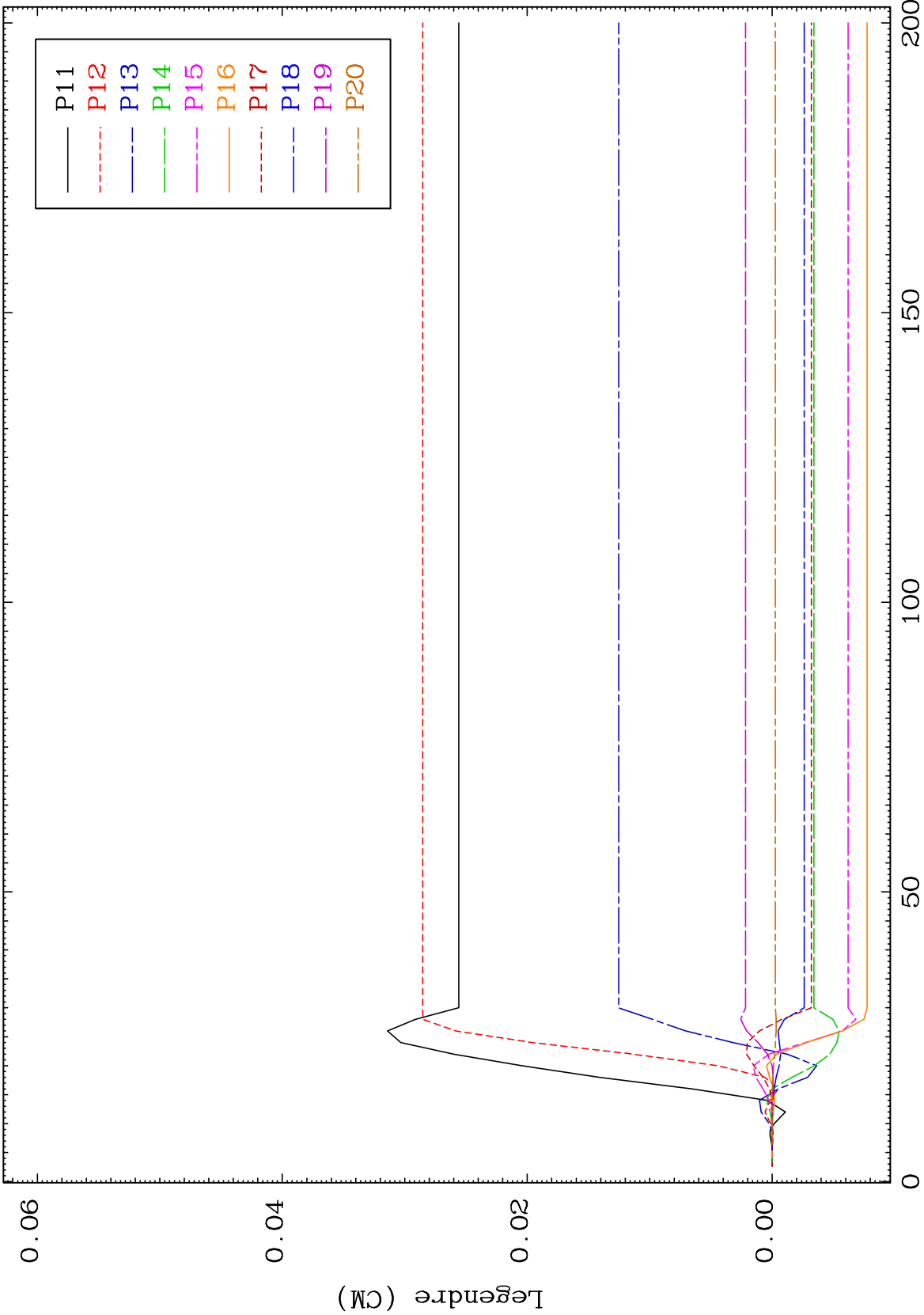
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



80-Hg-202

Incident Energy (MeV)

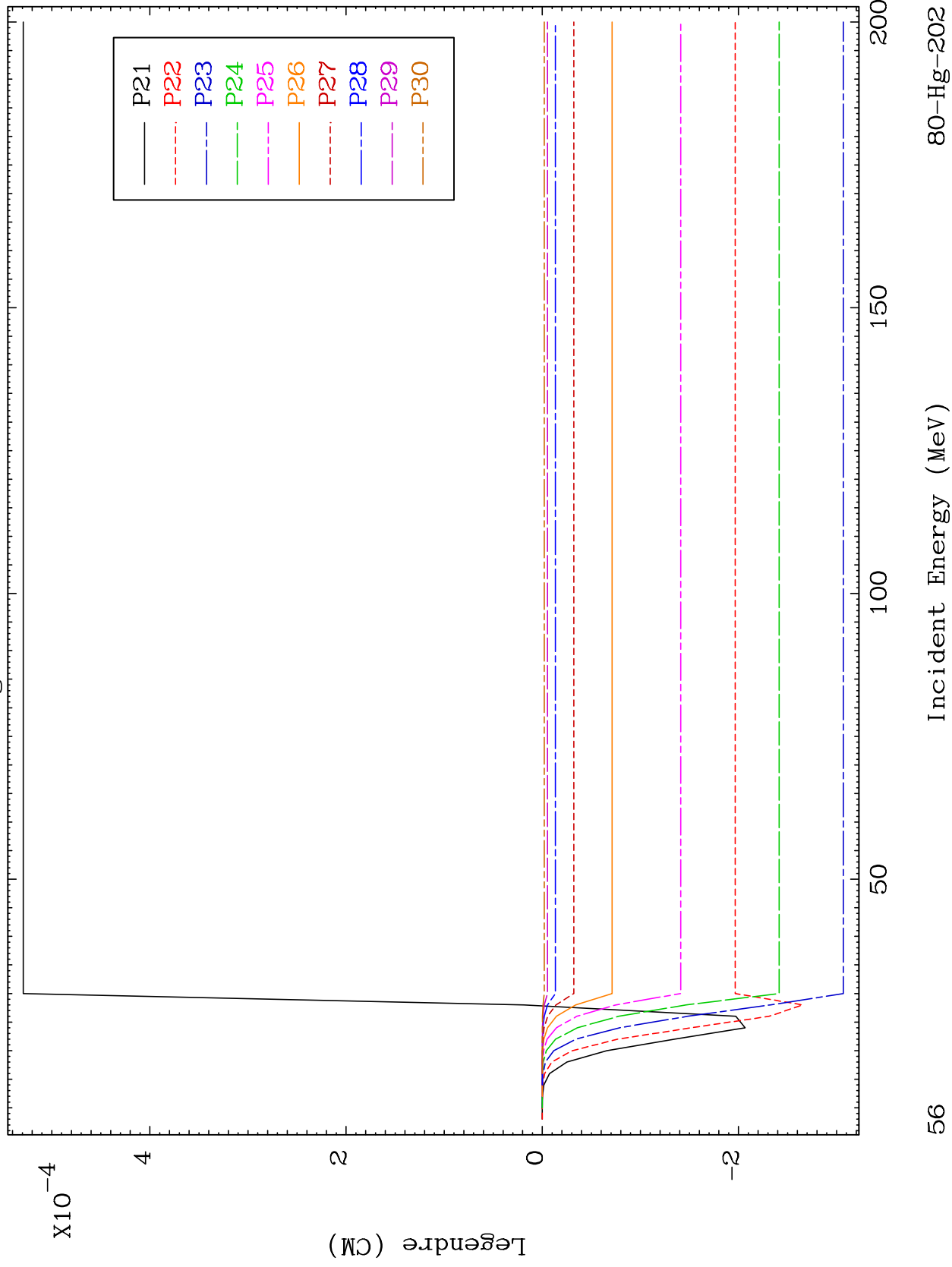
55



MAT 8043

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

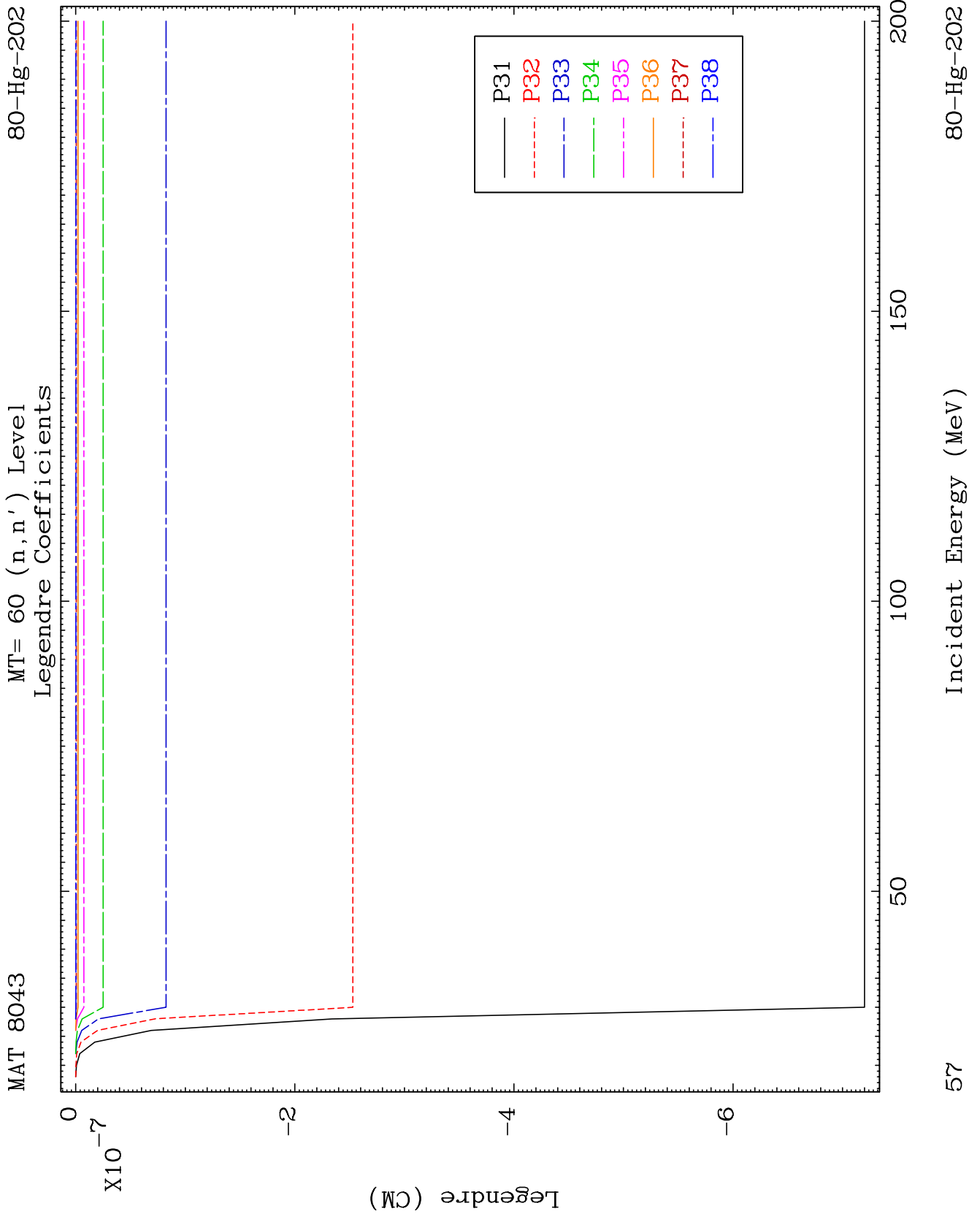
80-Hg-202

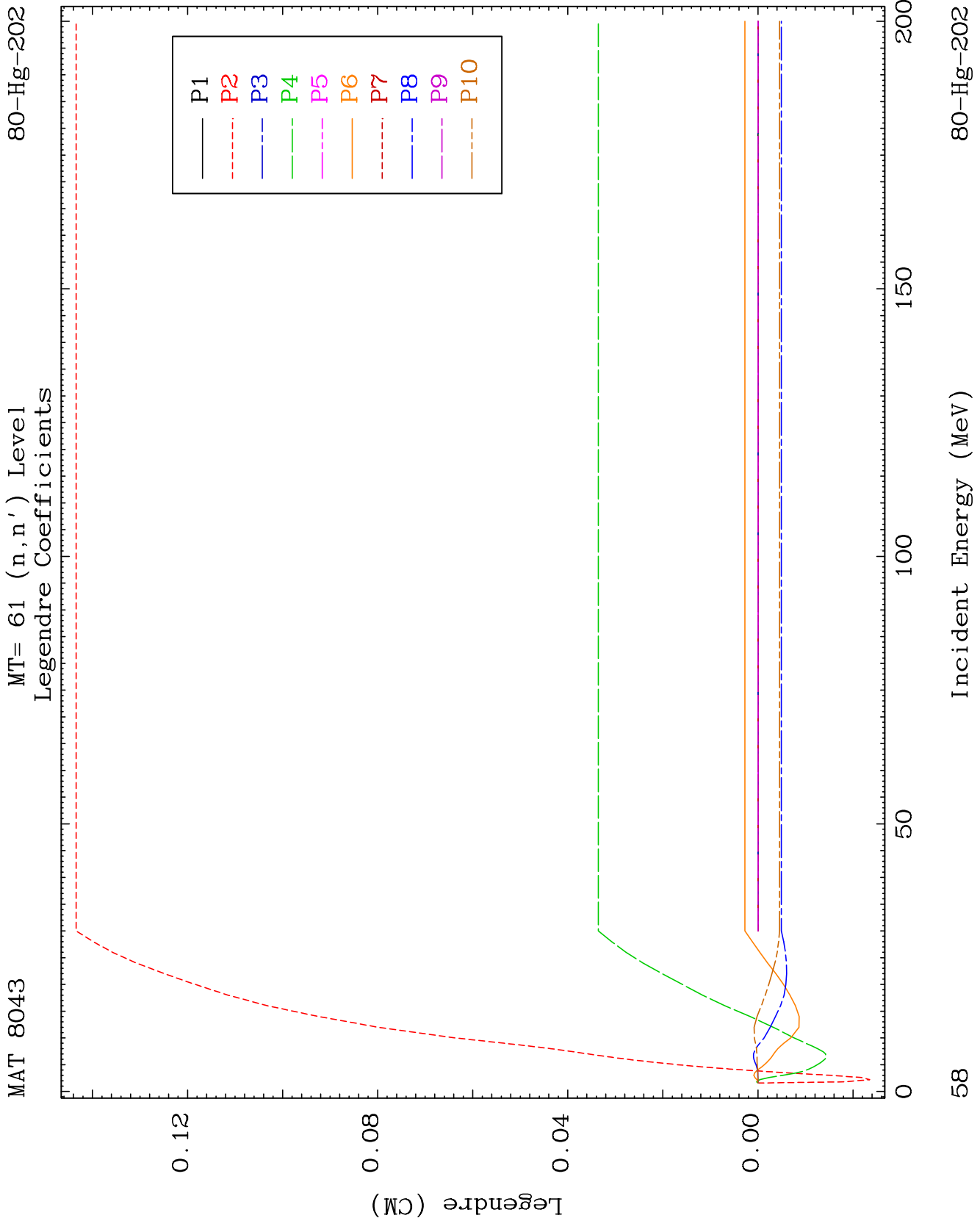


56

Incident Energy (MeV)

80-Hg-202

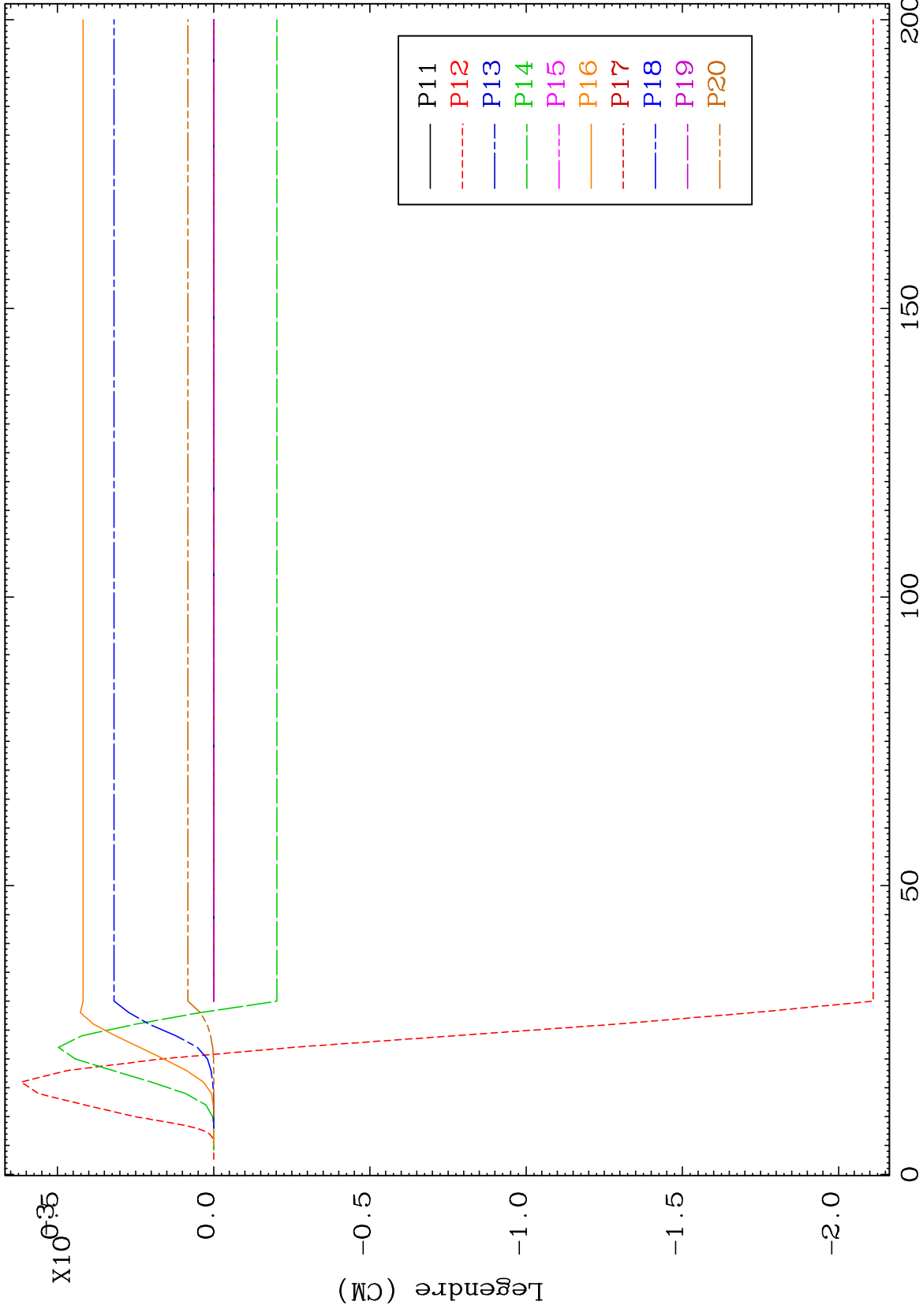




MAT 8043

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

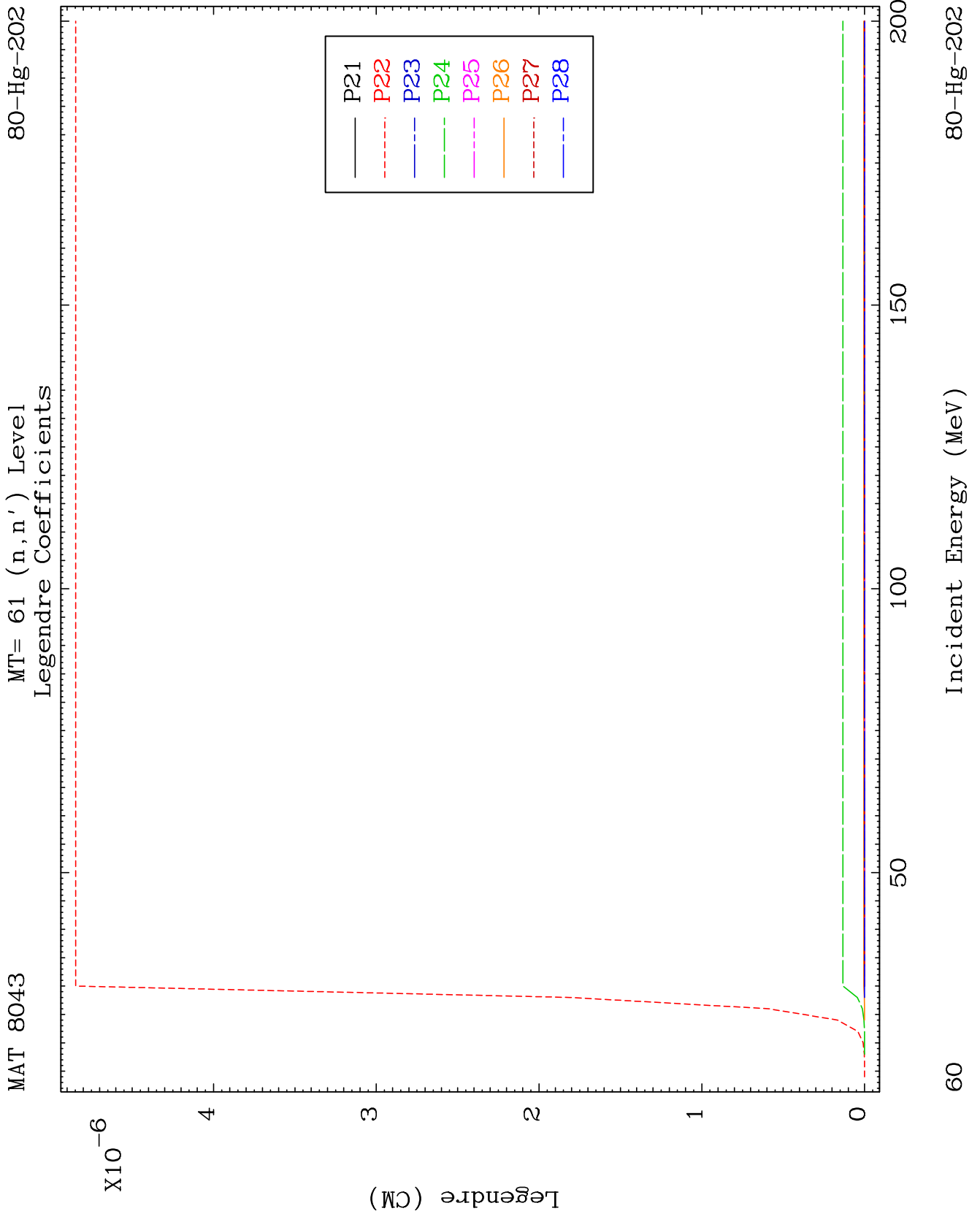
80-Hg-202

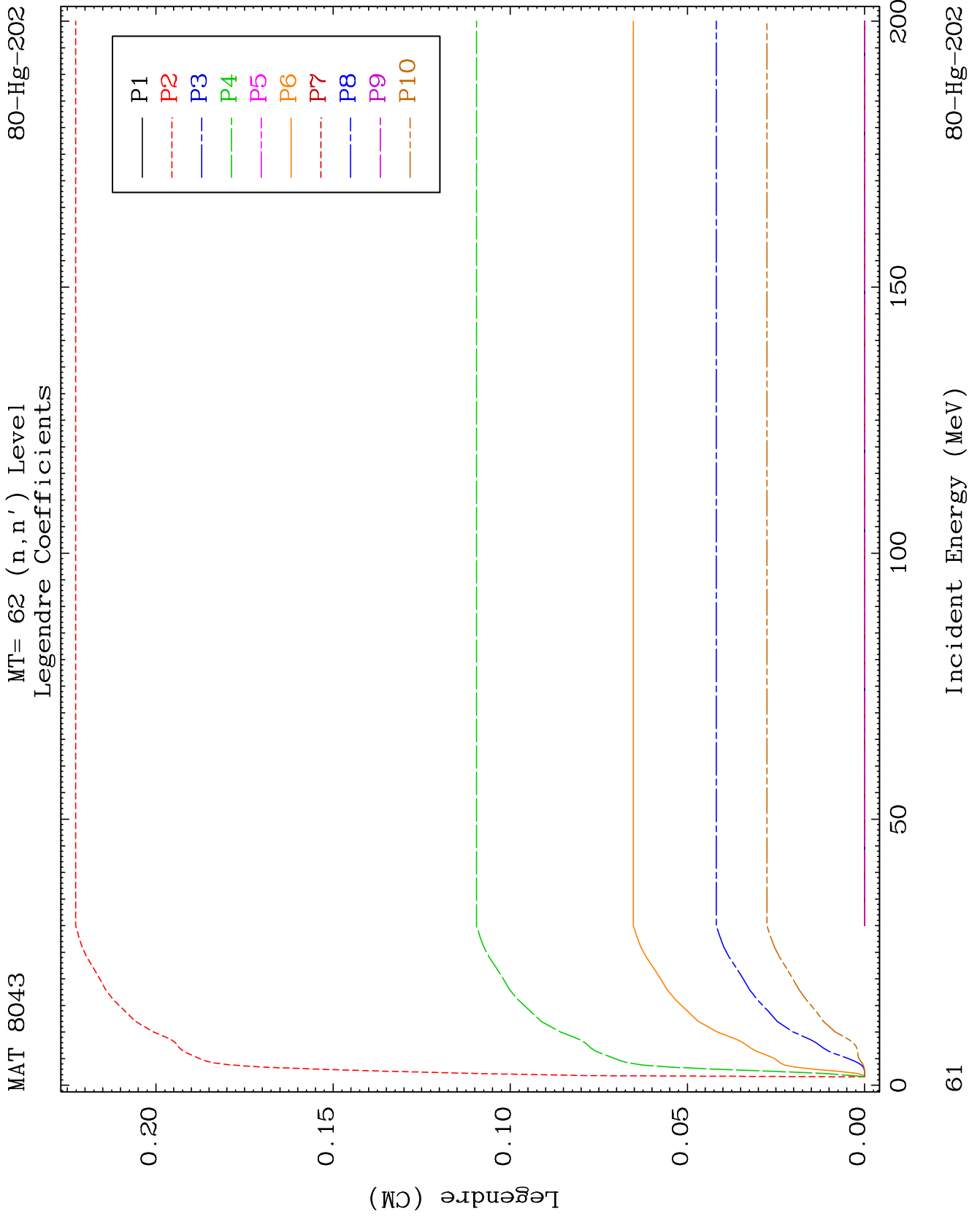


59

Incident Energy (MeV)

80-Hg-202

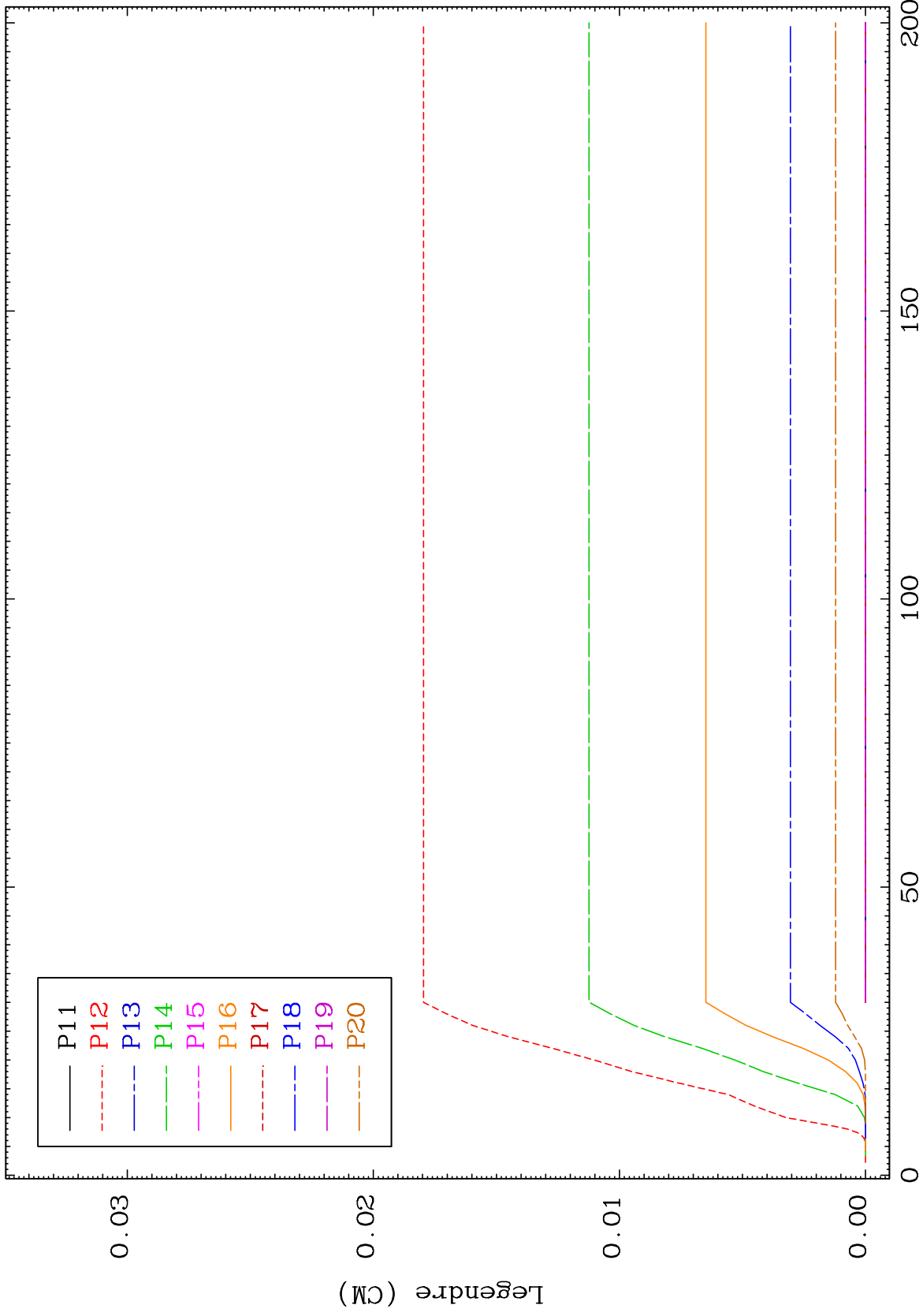




MAT 8043

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

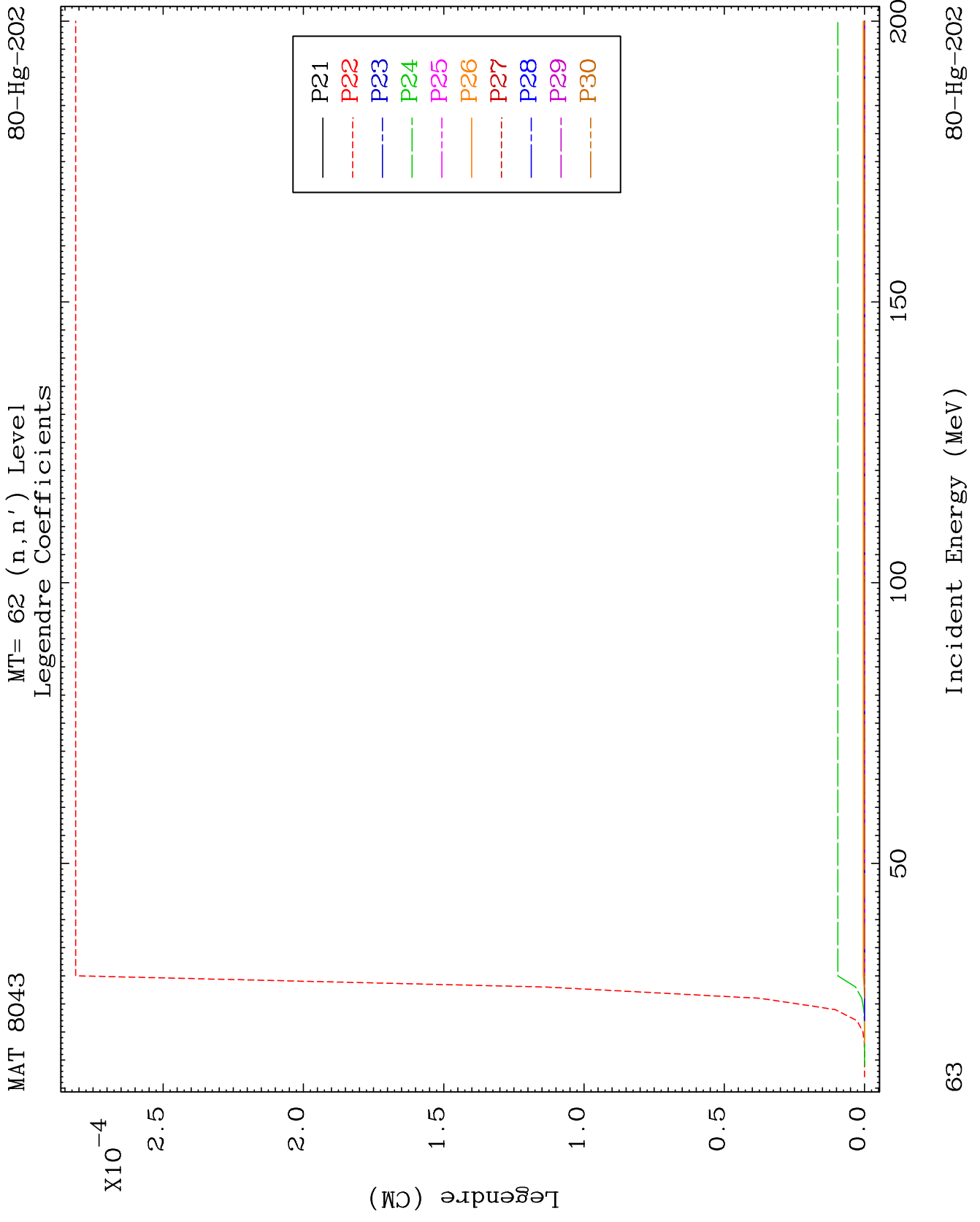
80-Hg-202



62

Incident Energy (MeV)

80-Hg-202

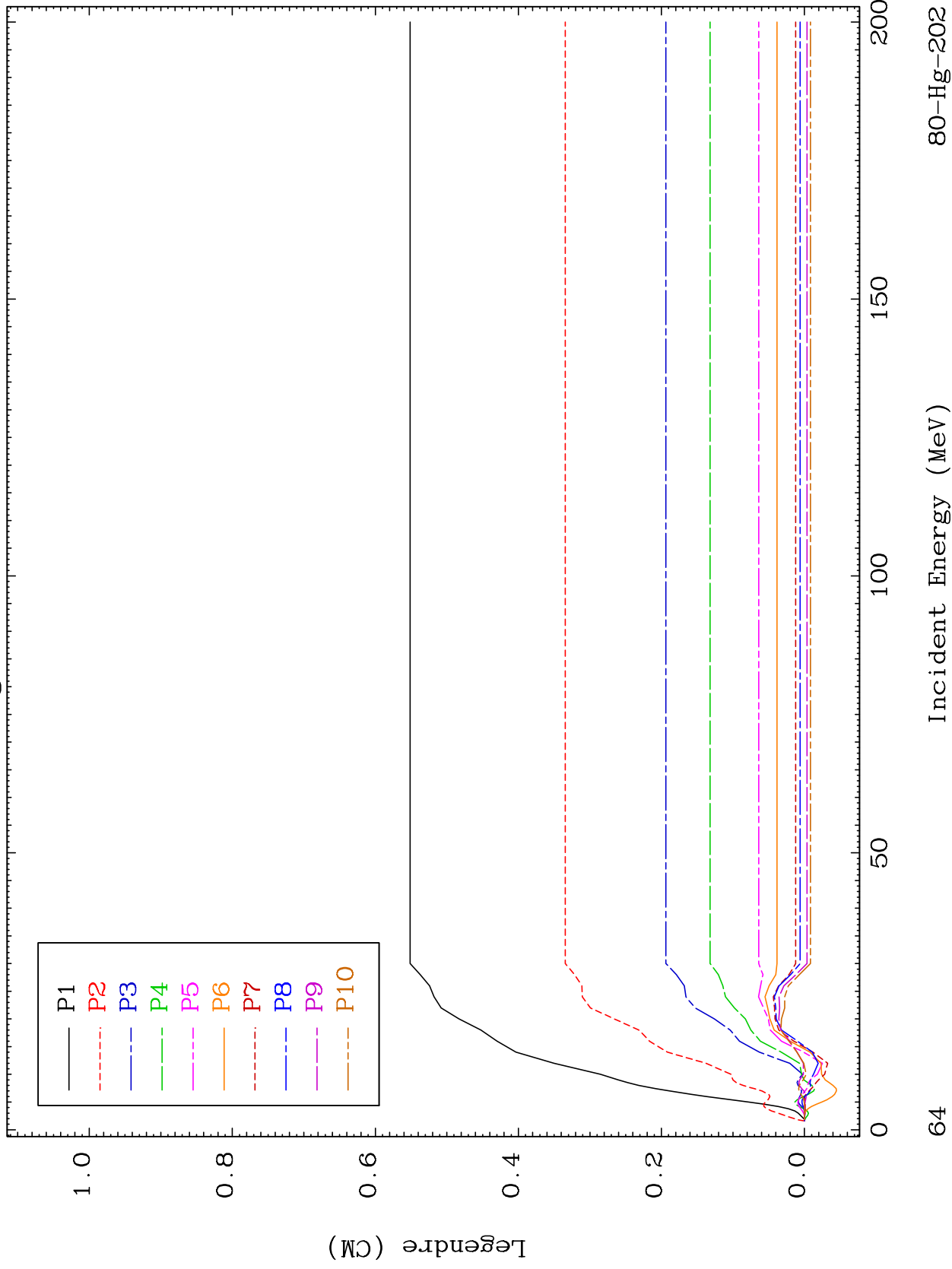




MAT 8043

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

80-Hg-202

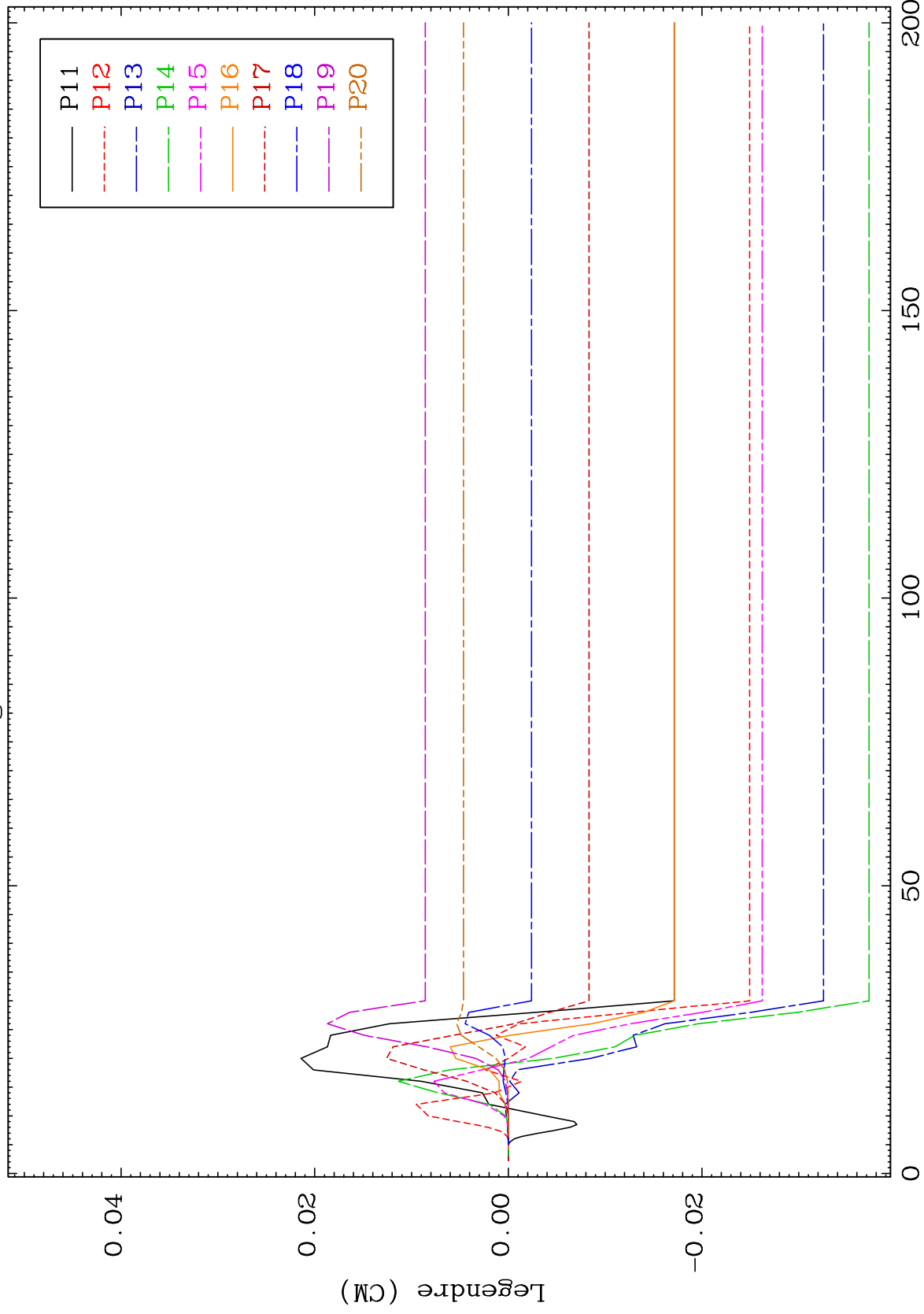


64

MAT 8043

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

80-Hg-202



65

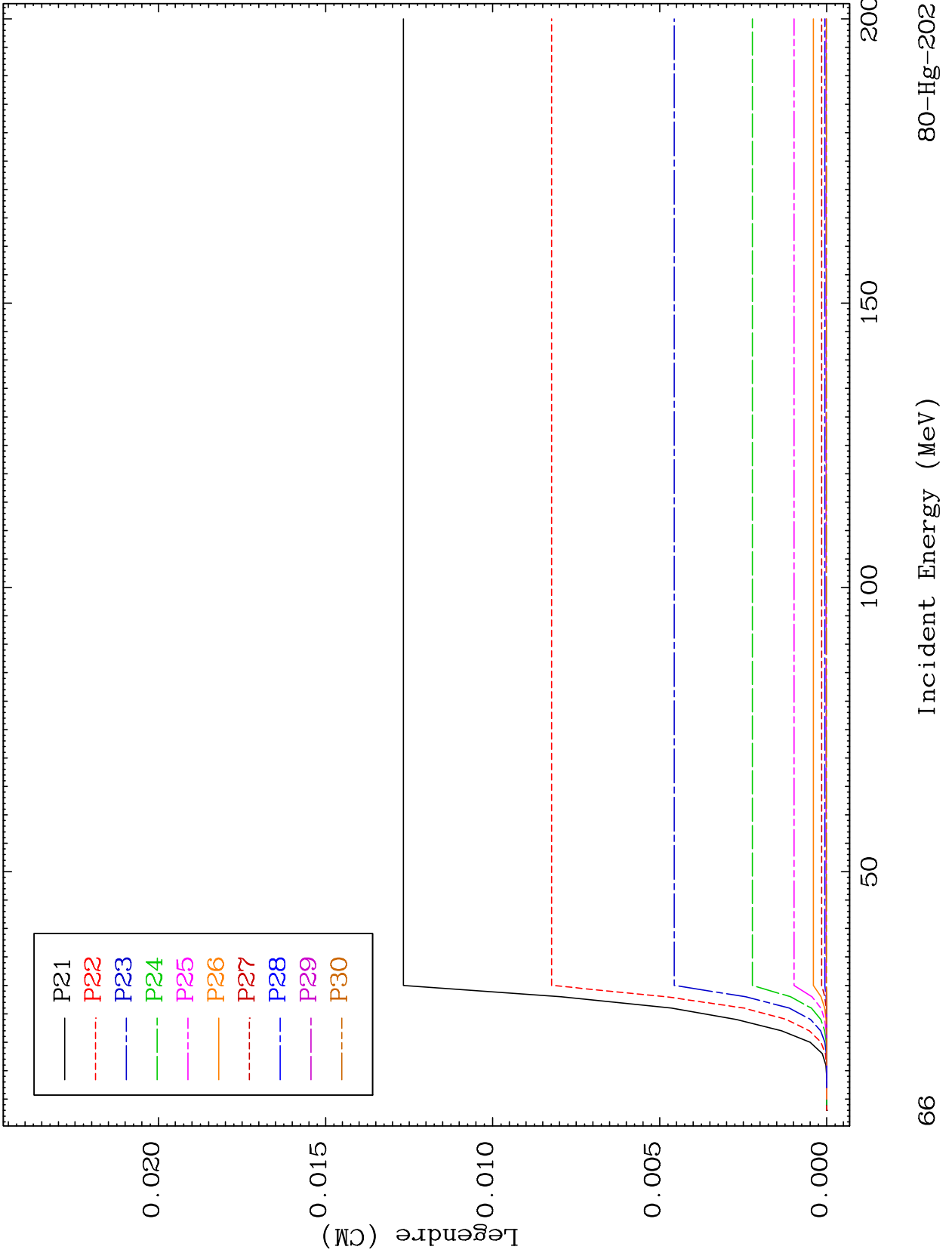
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

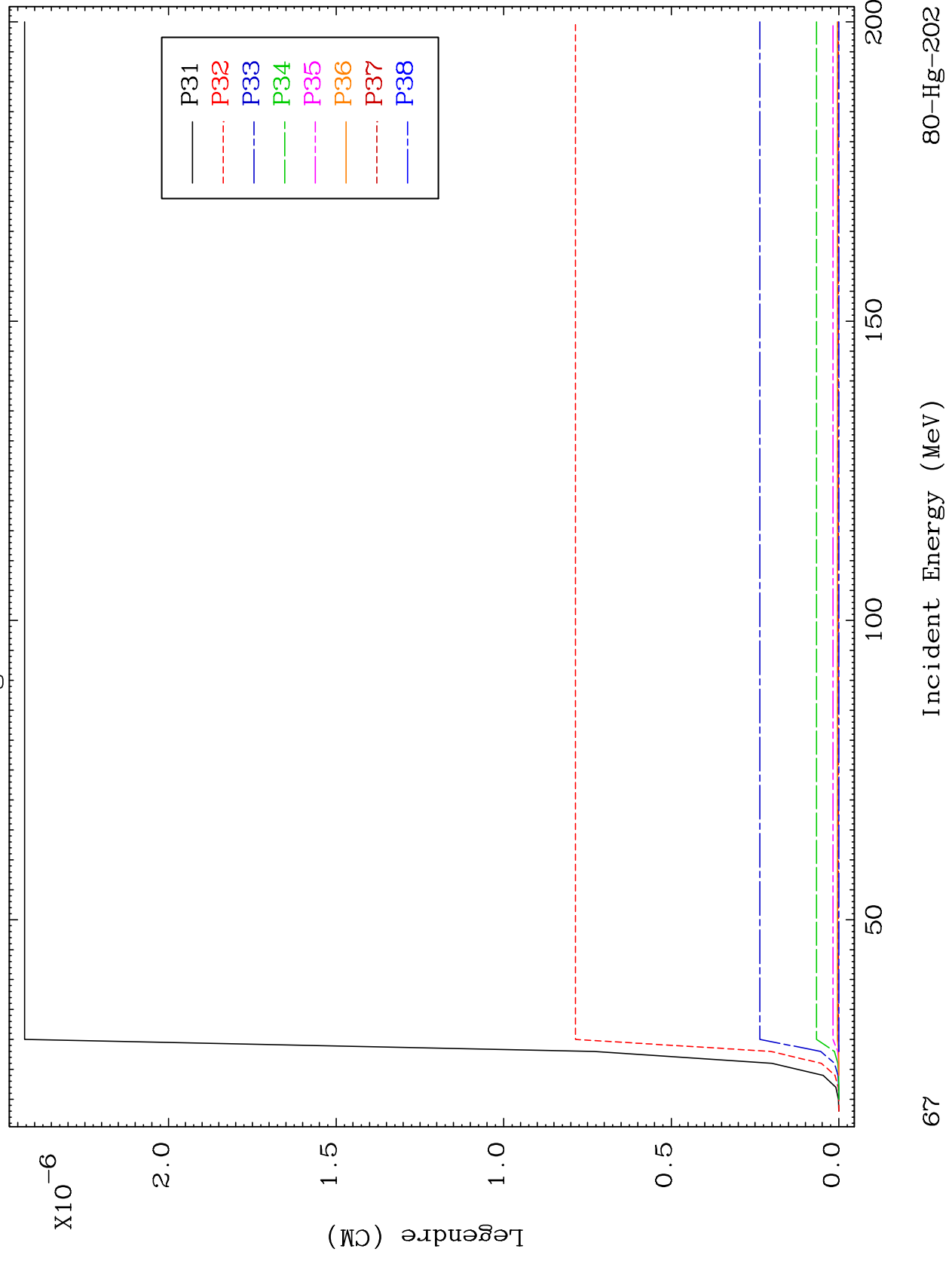
80-Hg-202



MAT 8043

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

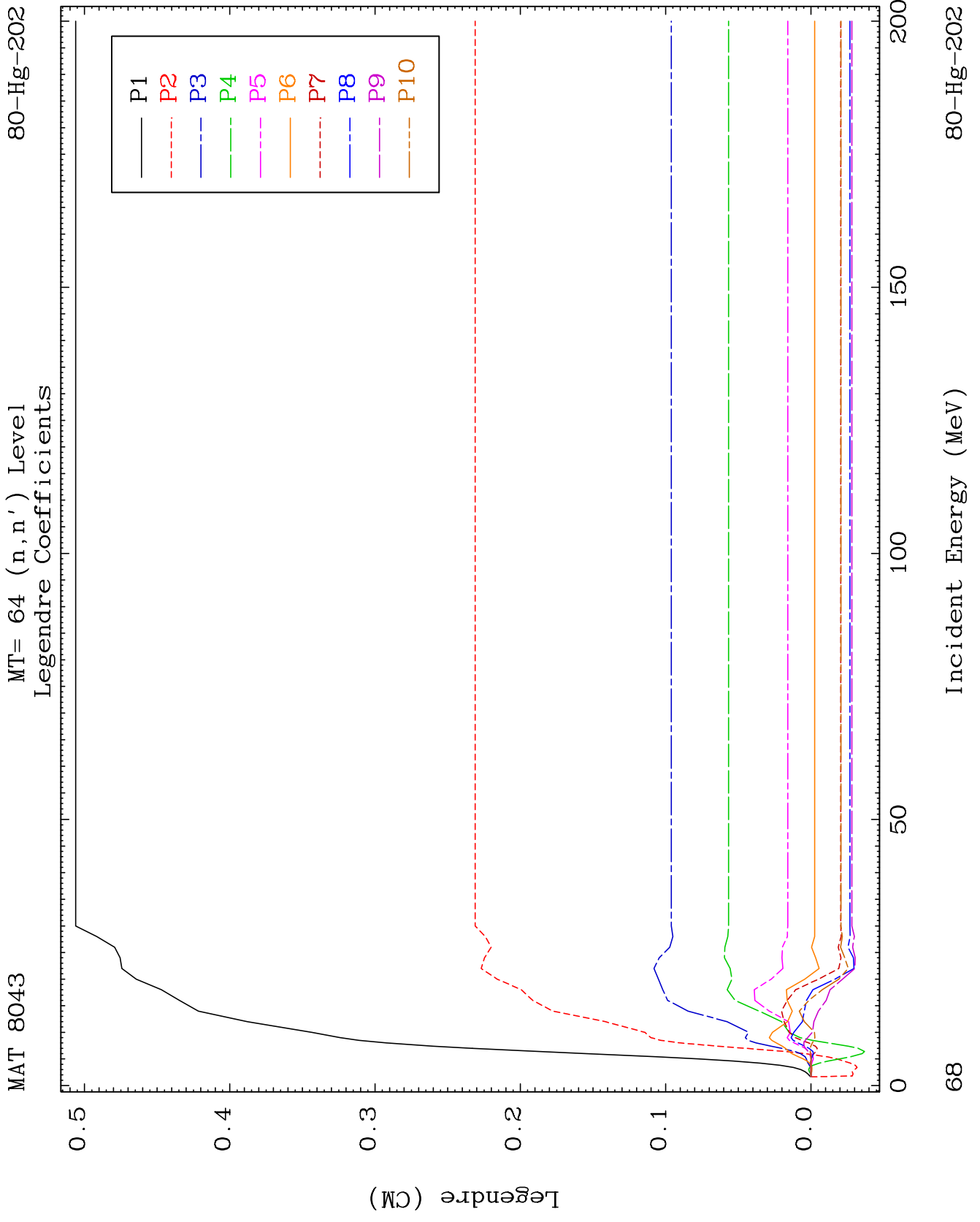
80-Hg-202



67

Incident Energy (MeV)

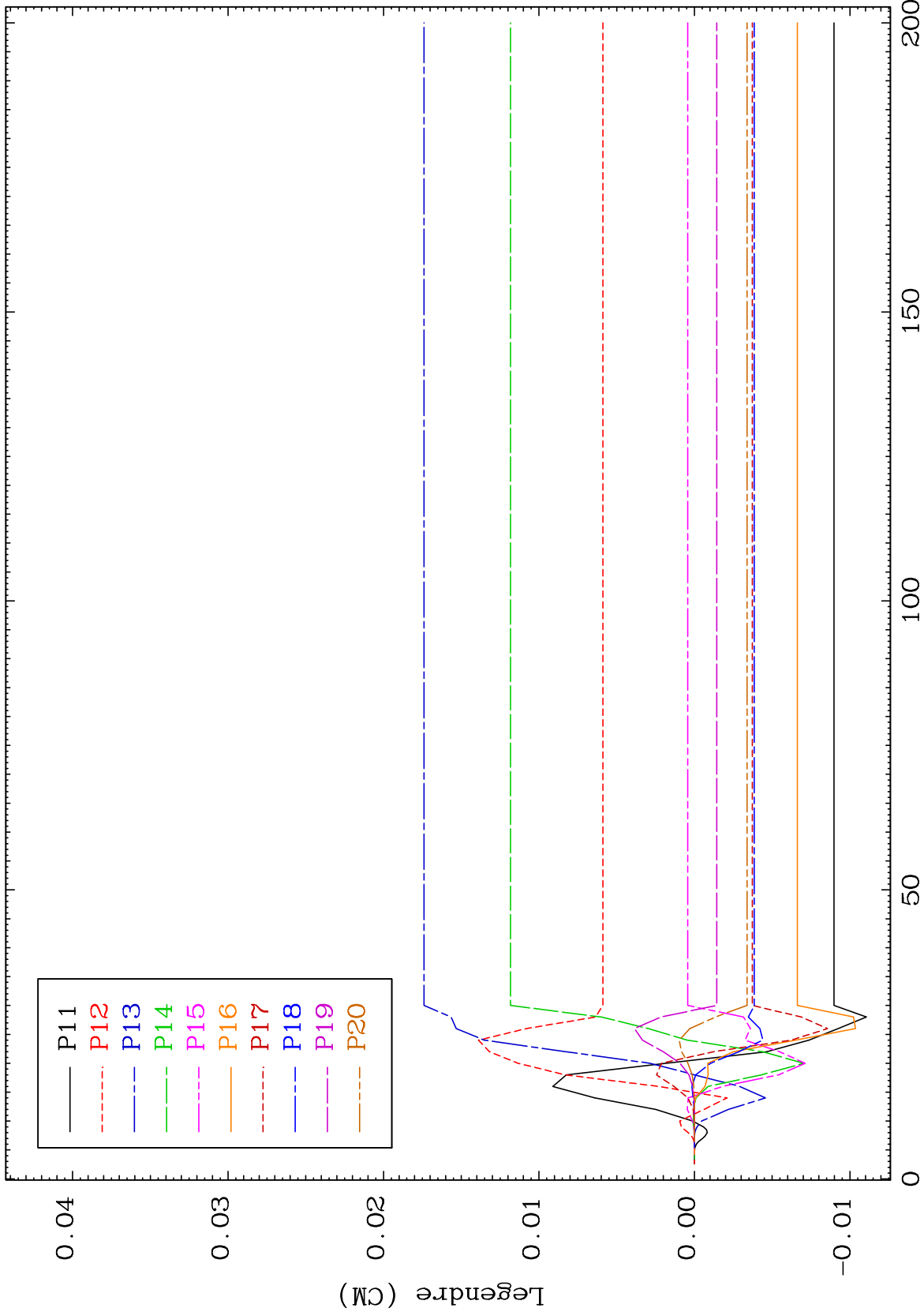
80-Hg-202



MAT 8043

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

80-Hg-202



69

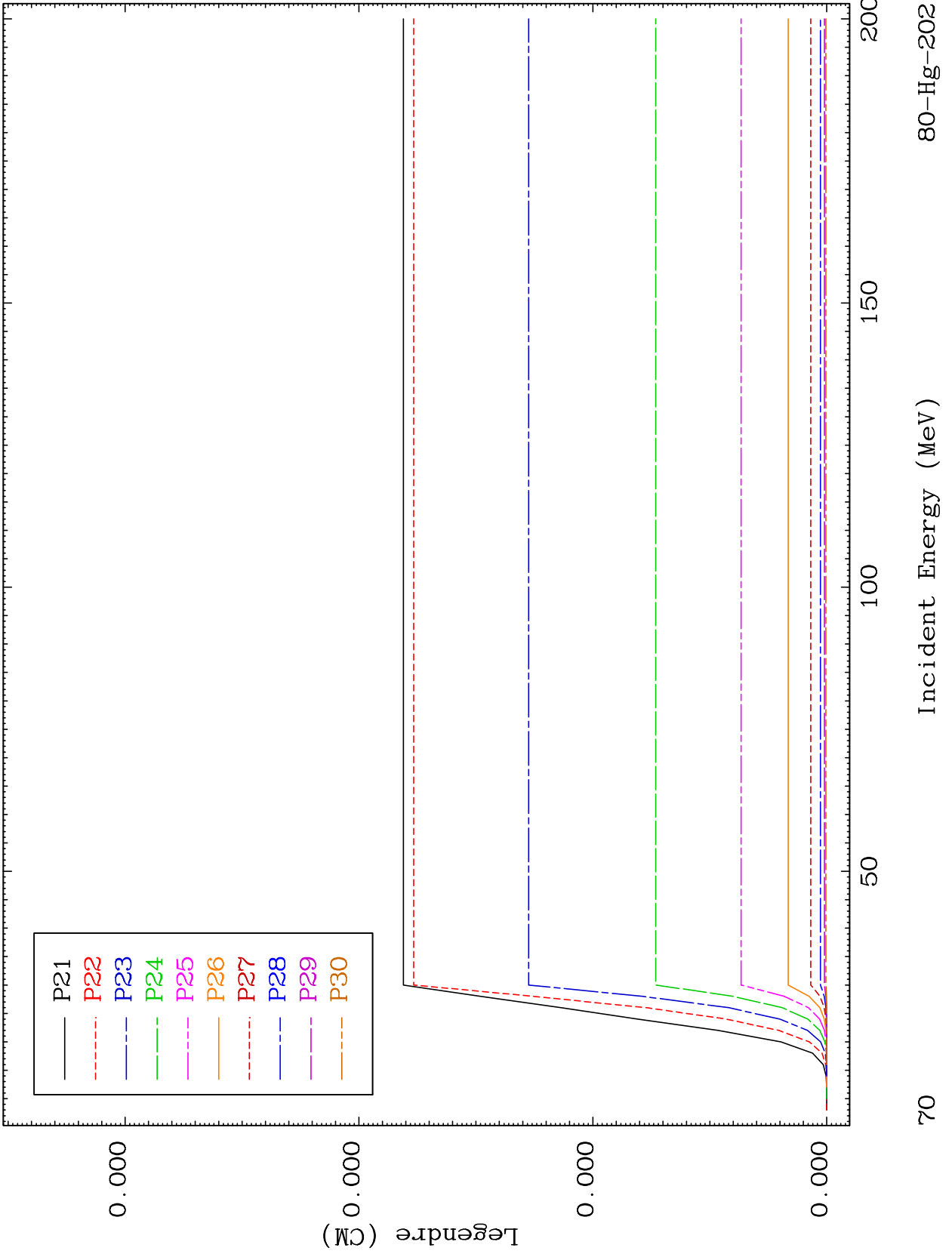
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

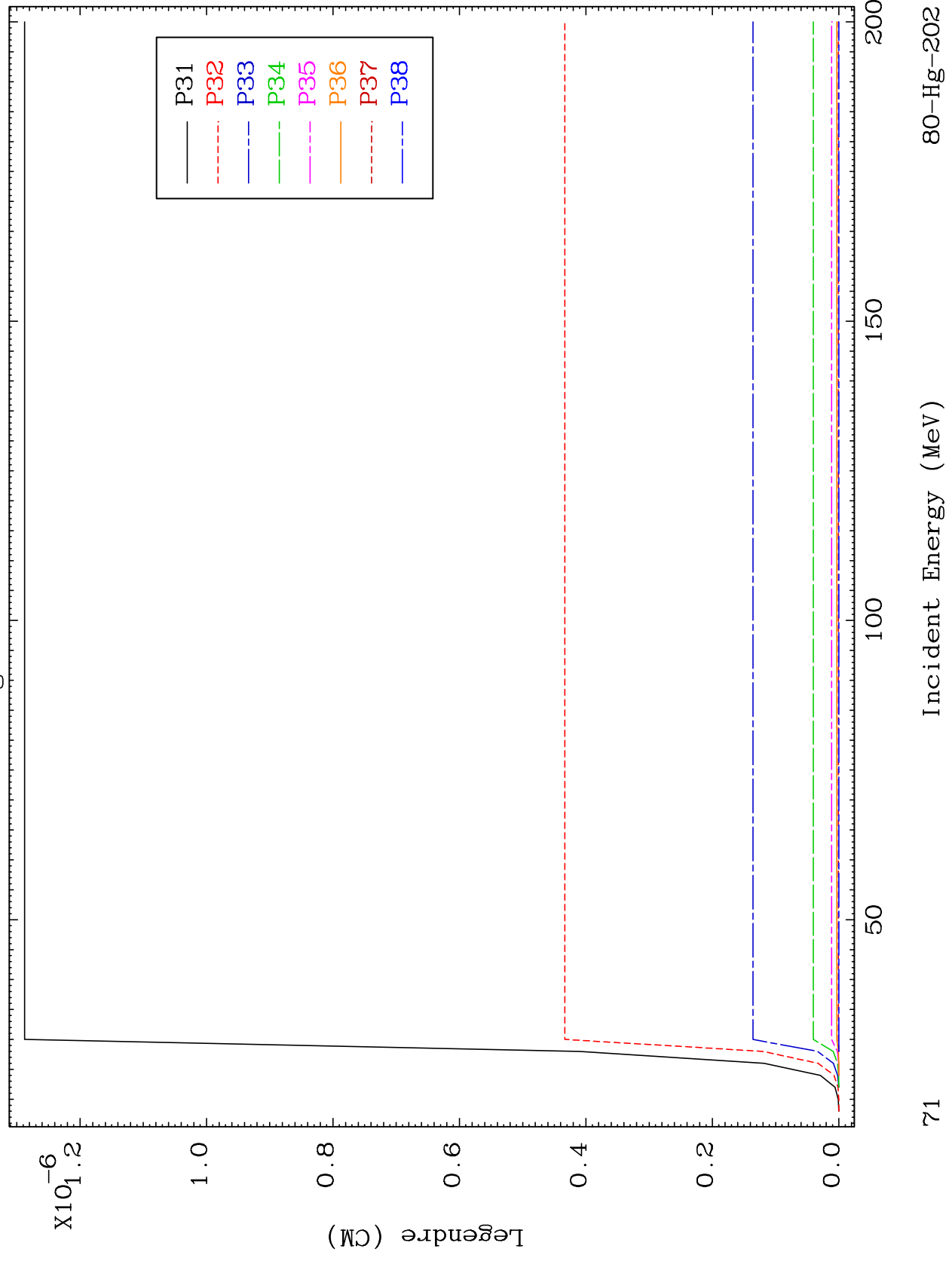
80-Hg-202



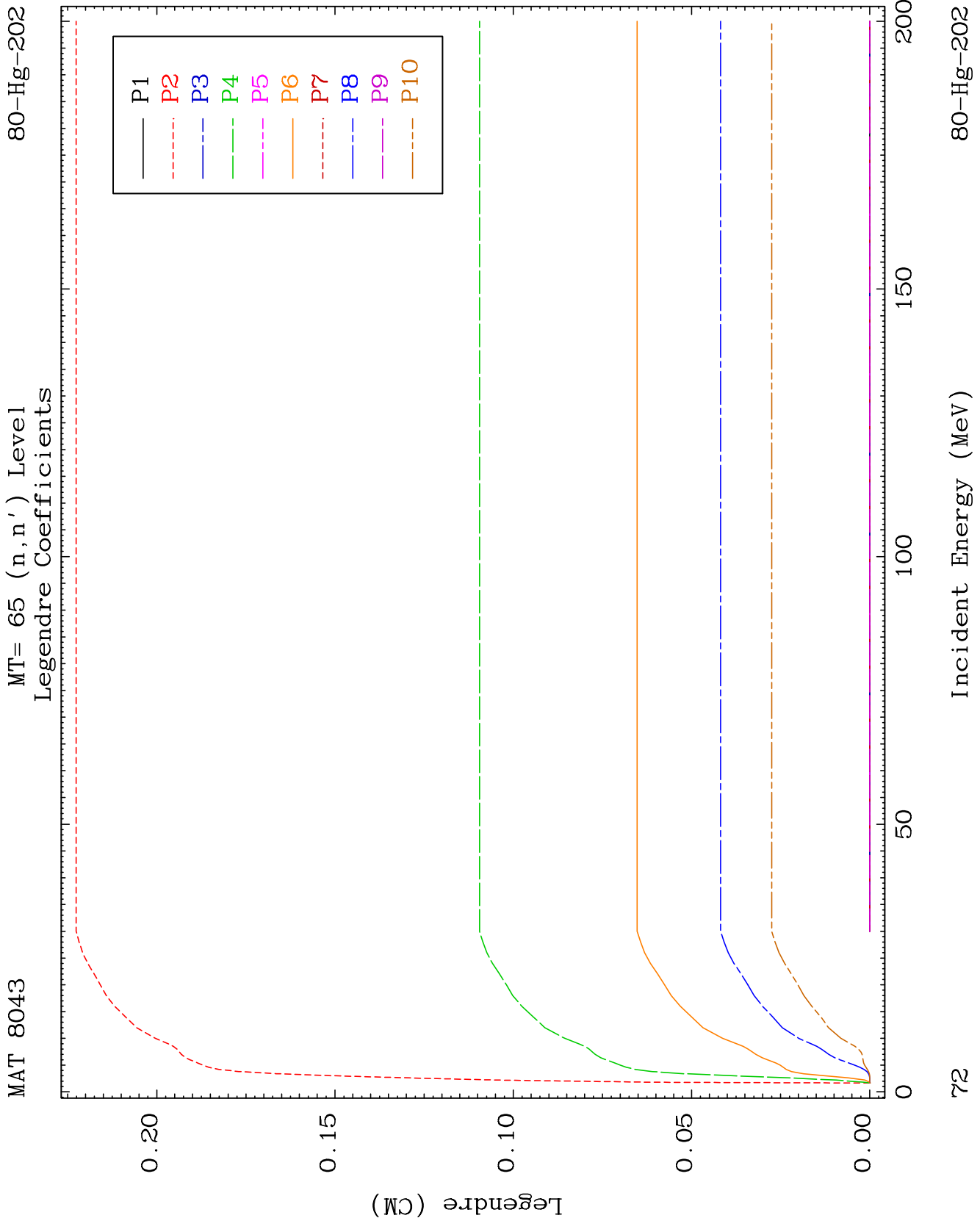
MAT 8043

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

80-Hg-202



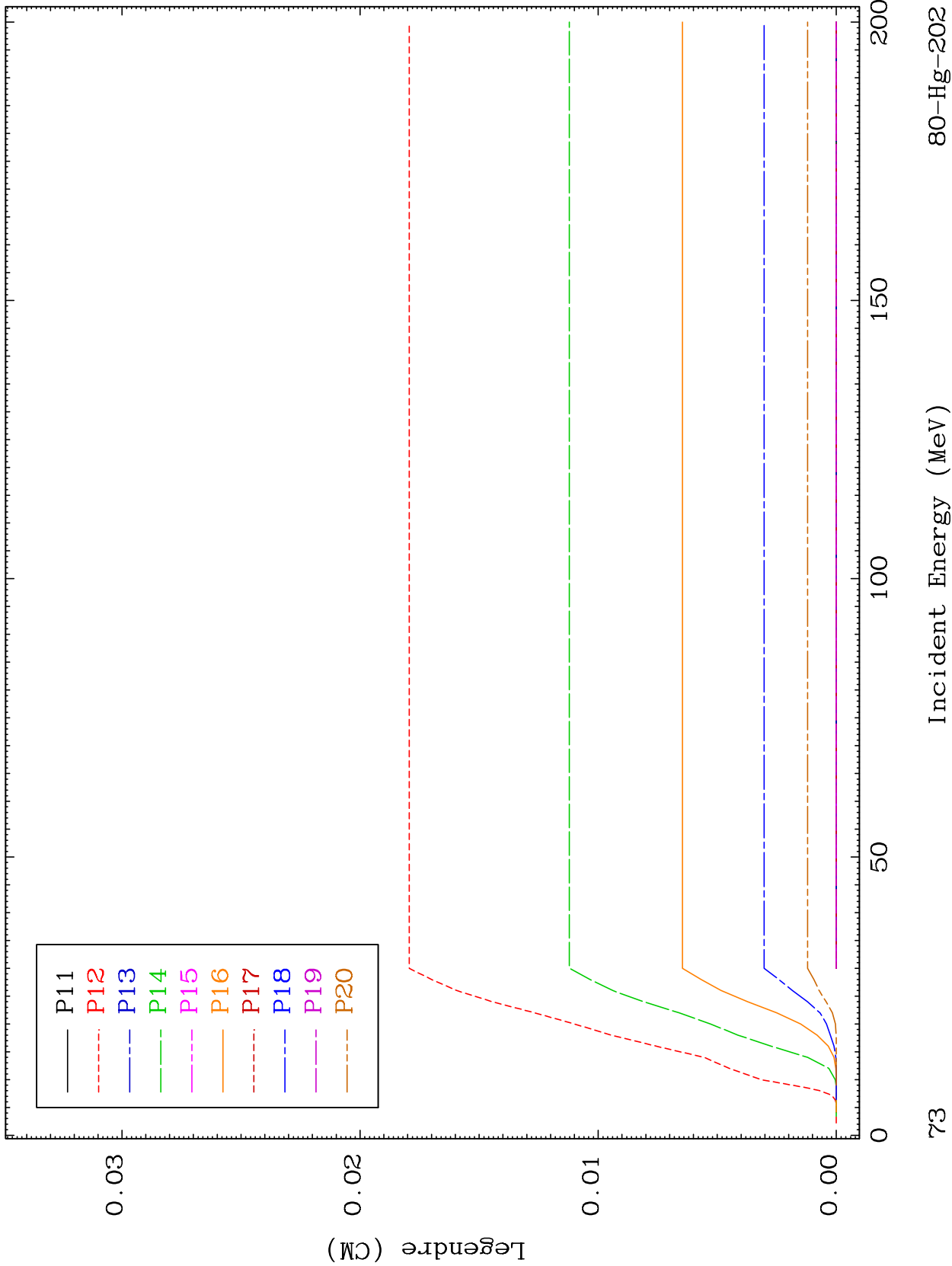




MAT 8043

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

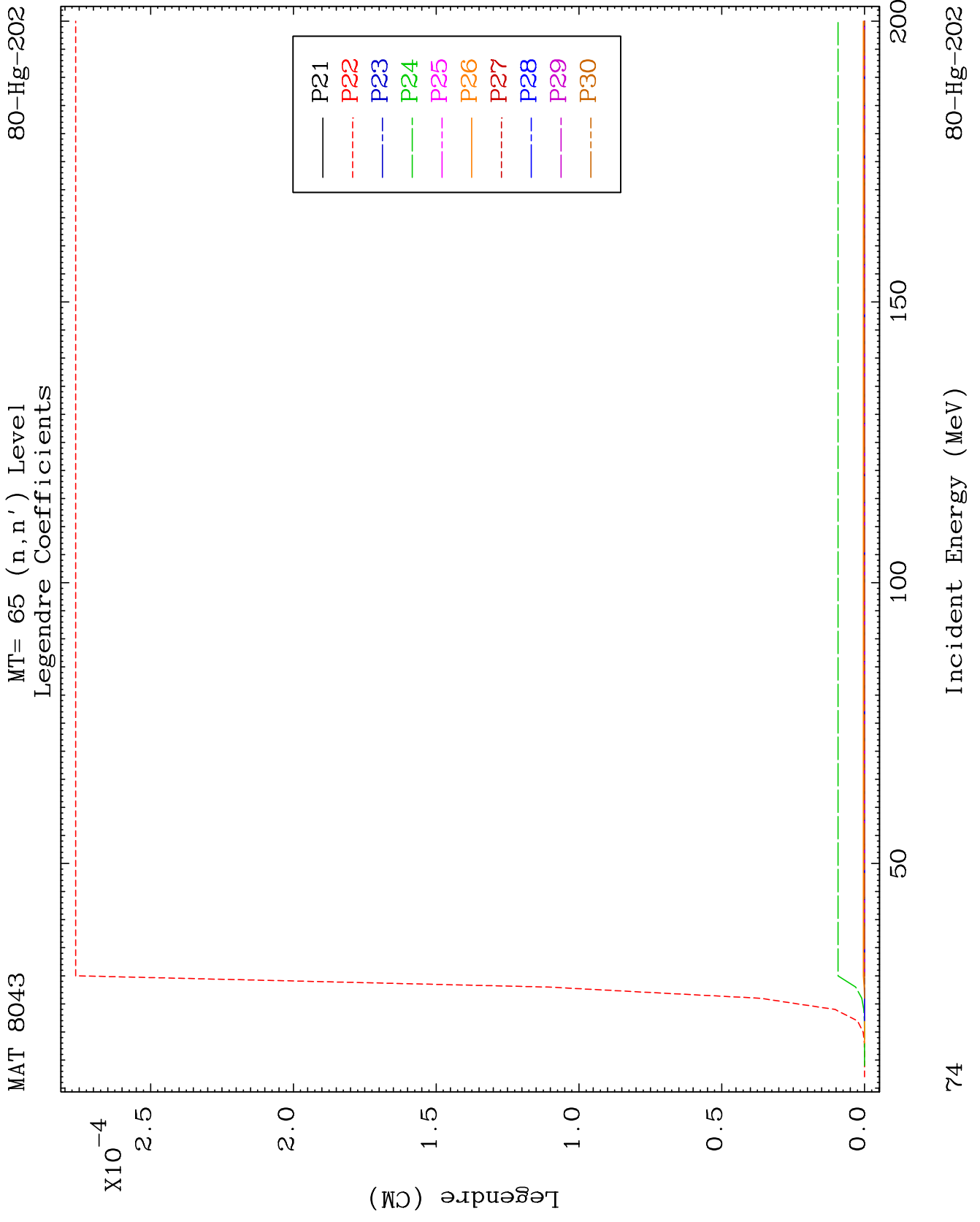
80-Hg-202



73

Incident Energy (MeV)

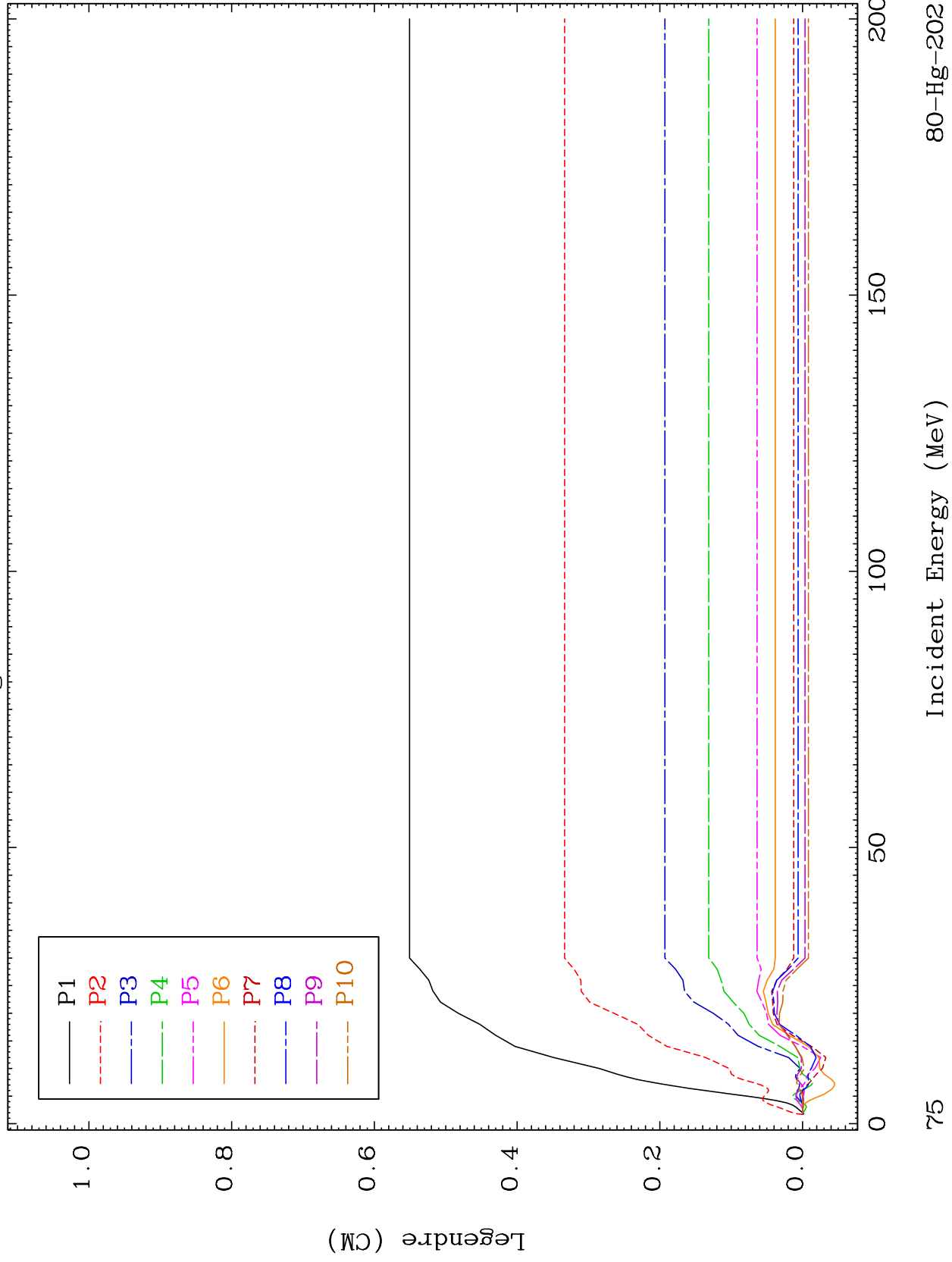
80-Hg-202



MAT 8043

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

80-Hg-202

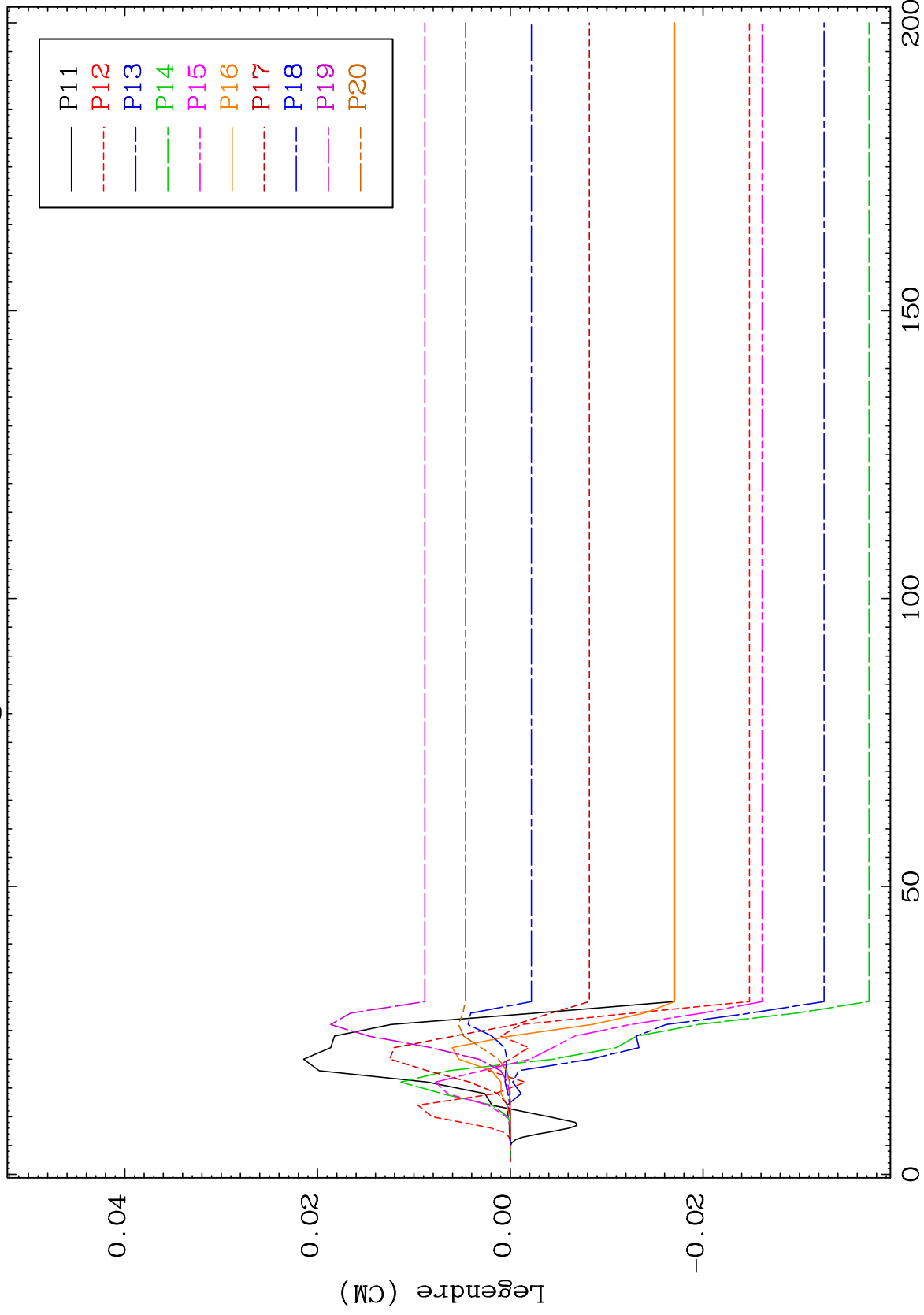


75

MAT 8043

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

80-Hg-202



76

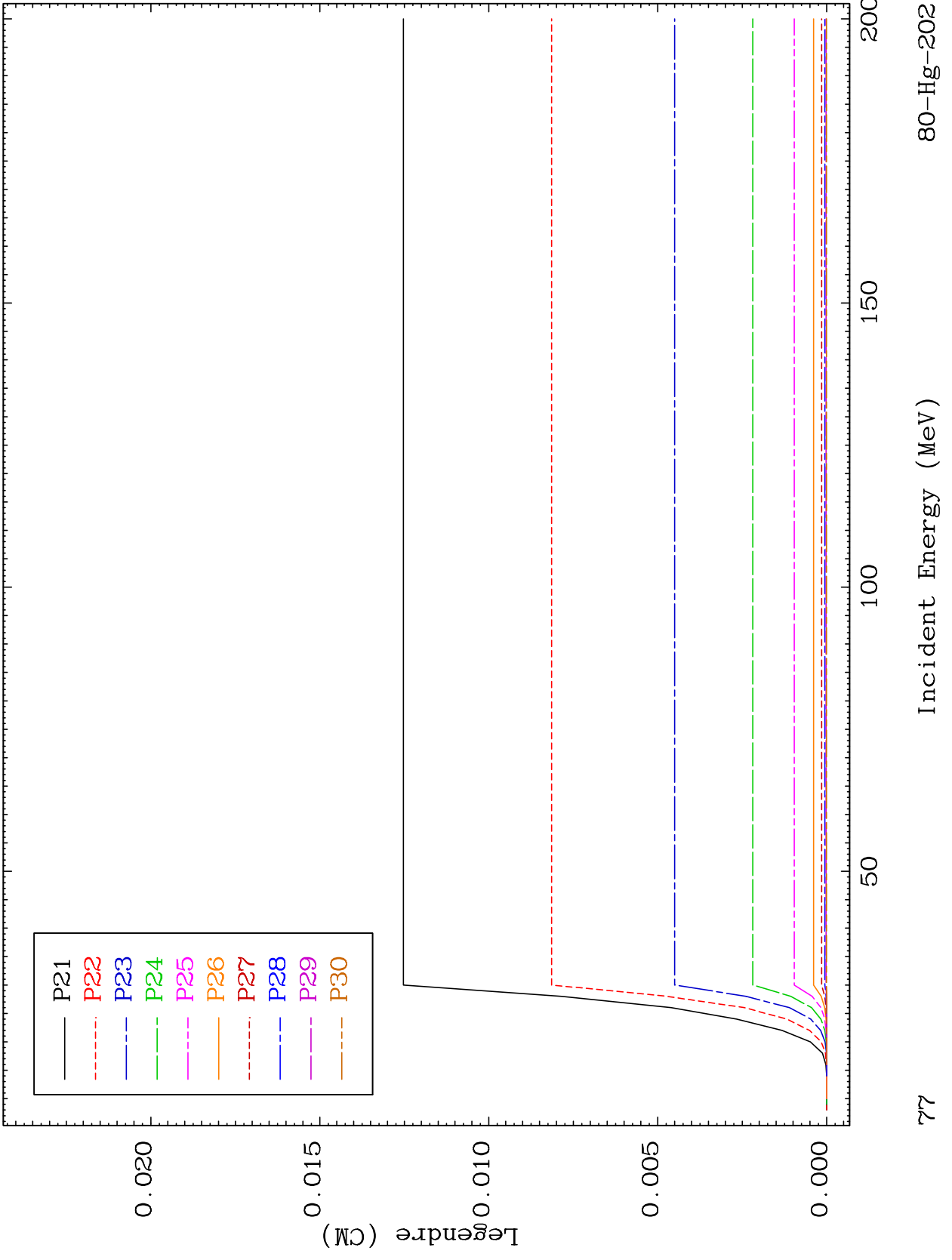
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

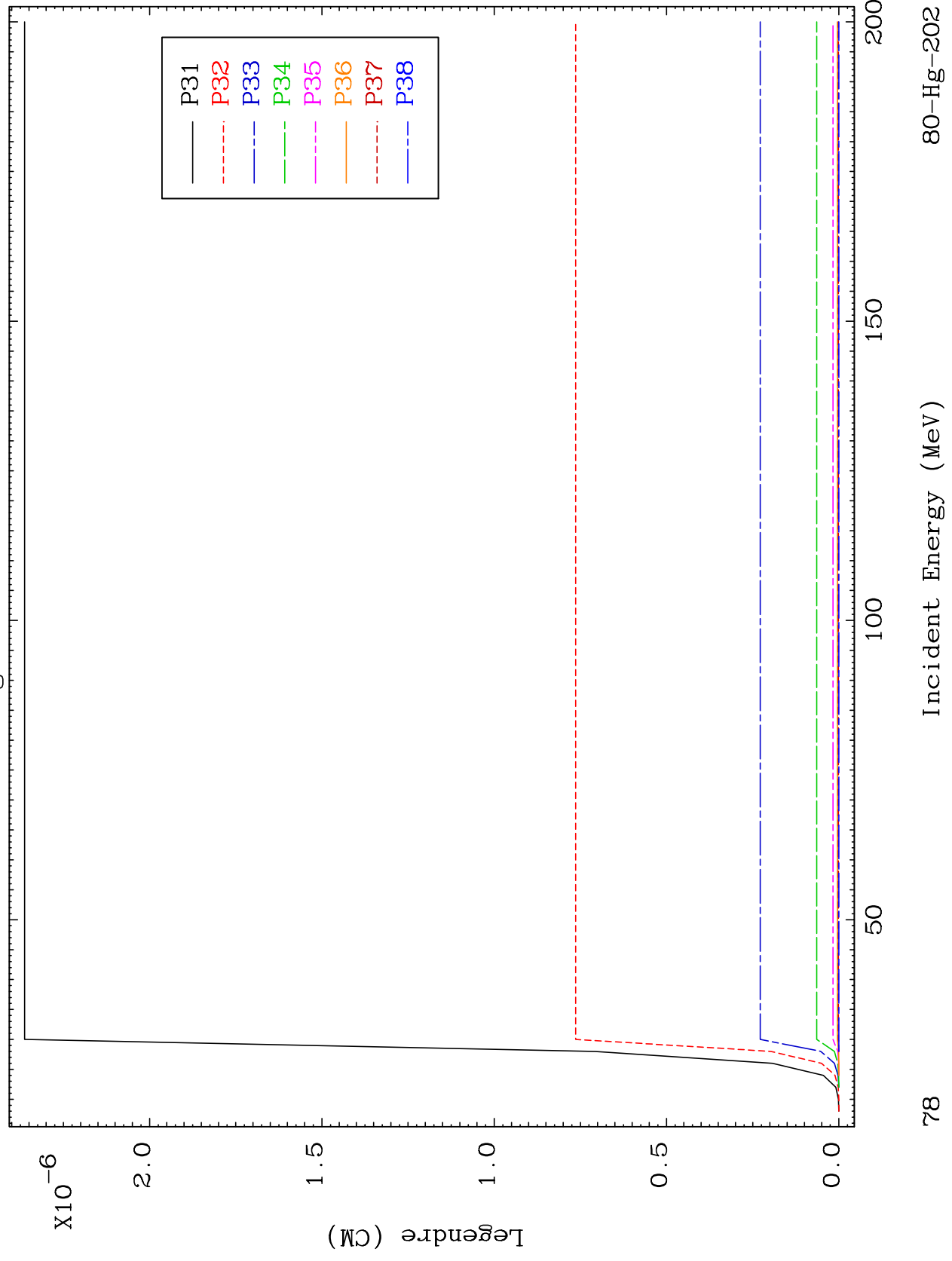
80-Hg-202



MAT 8043

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

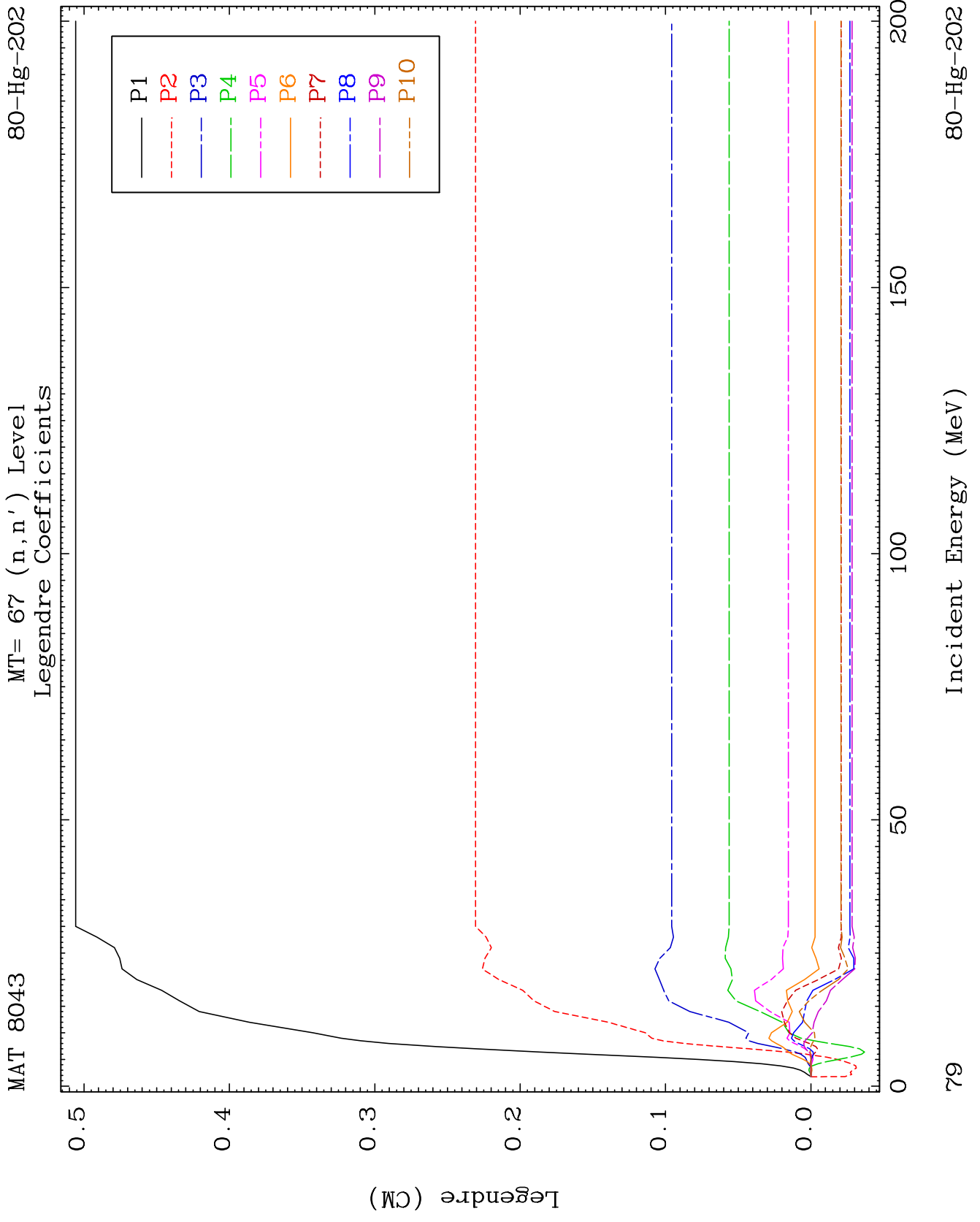
80-Hg-202



78

Incident Energy (MeV)

80-Hg-202

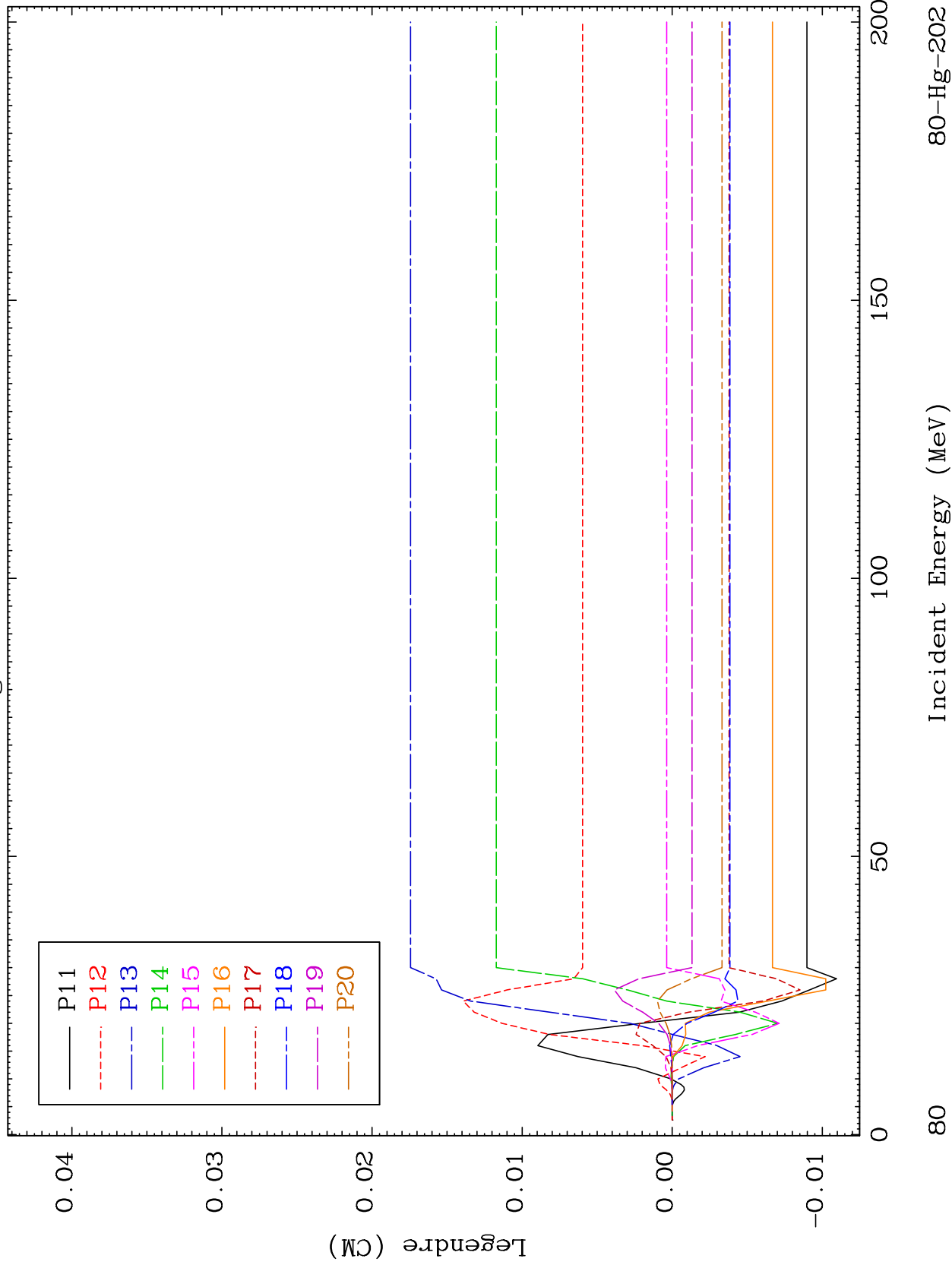




MAT 8043

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

80-Hg-202



80-Hg-202

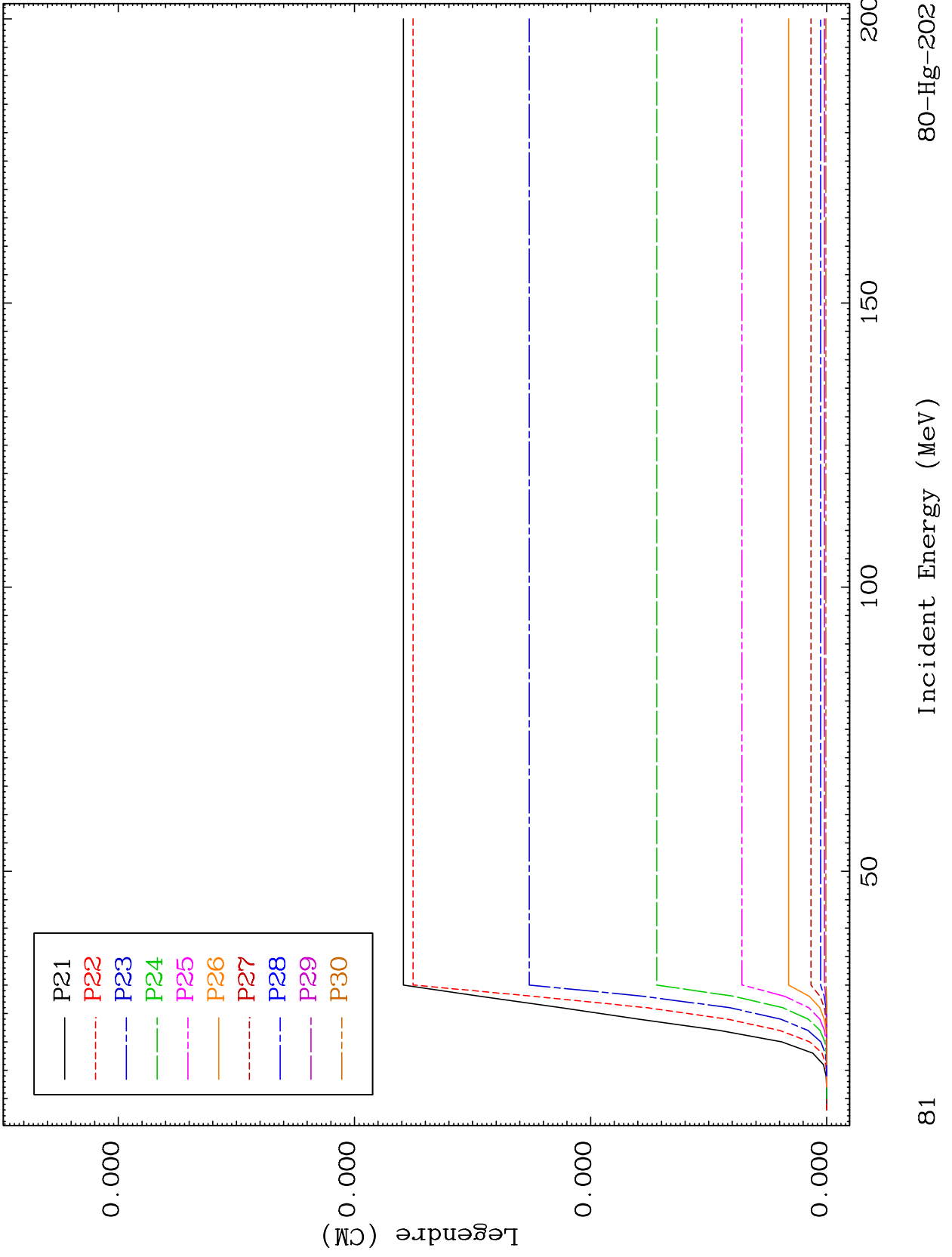
Incident Energy (MeV)

80

MAT 8043

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

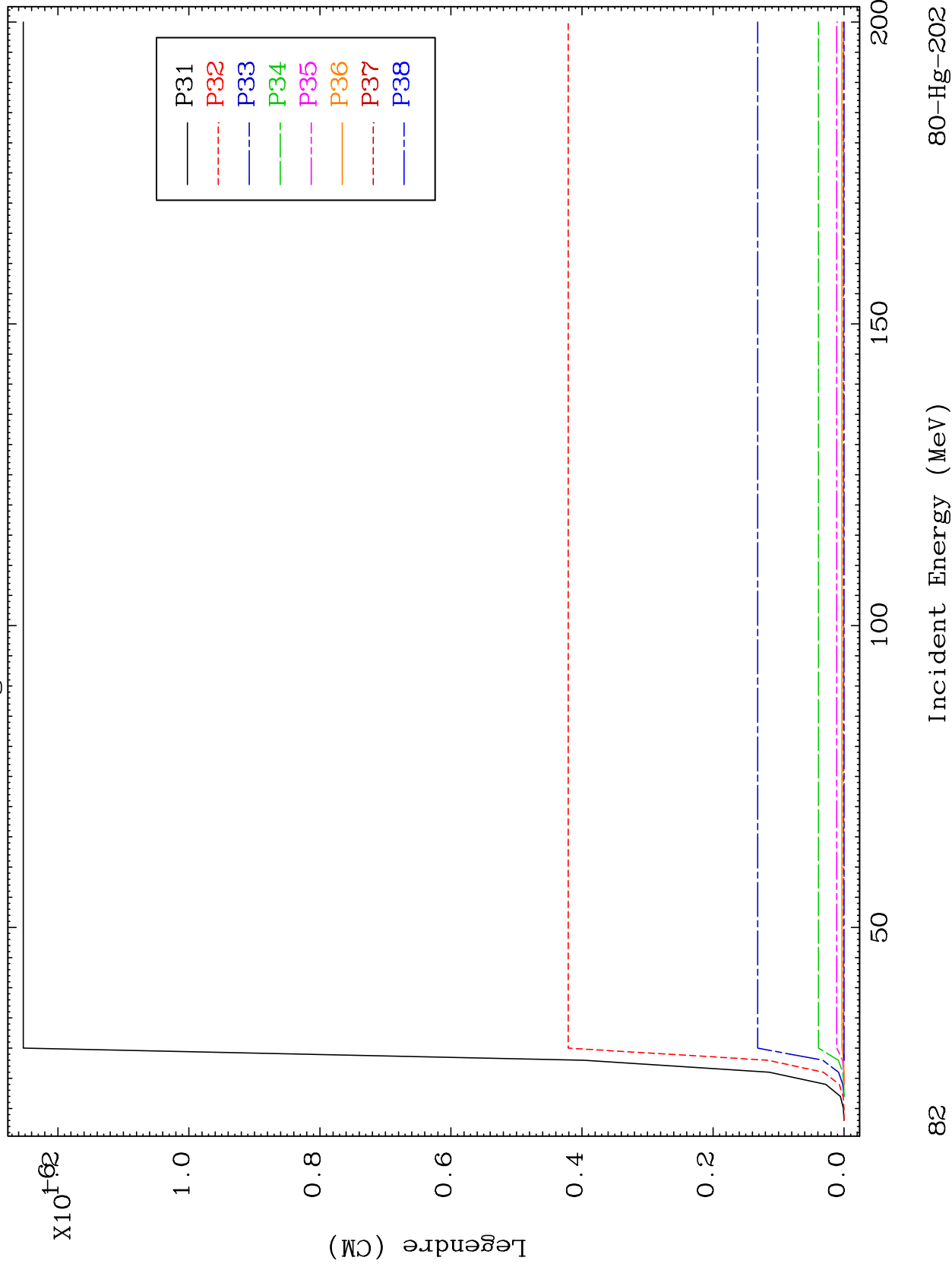
80-Hg-202



MAT 8043

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

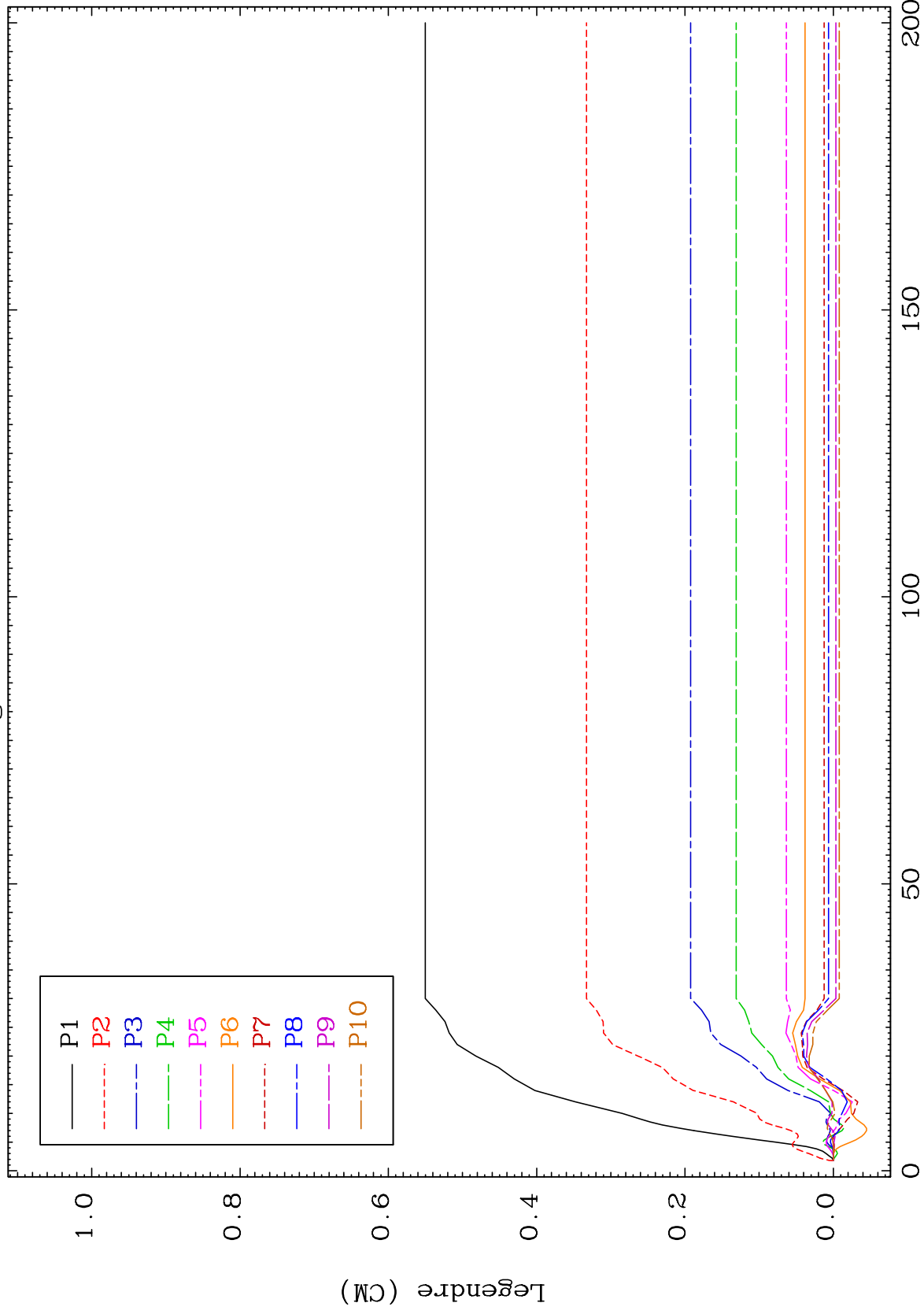
80-Hg-202



MAT 8043

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

80-Hg-202



83

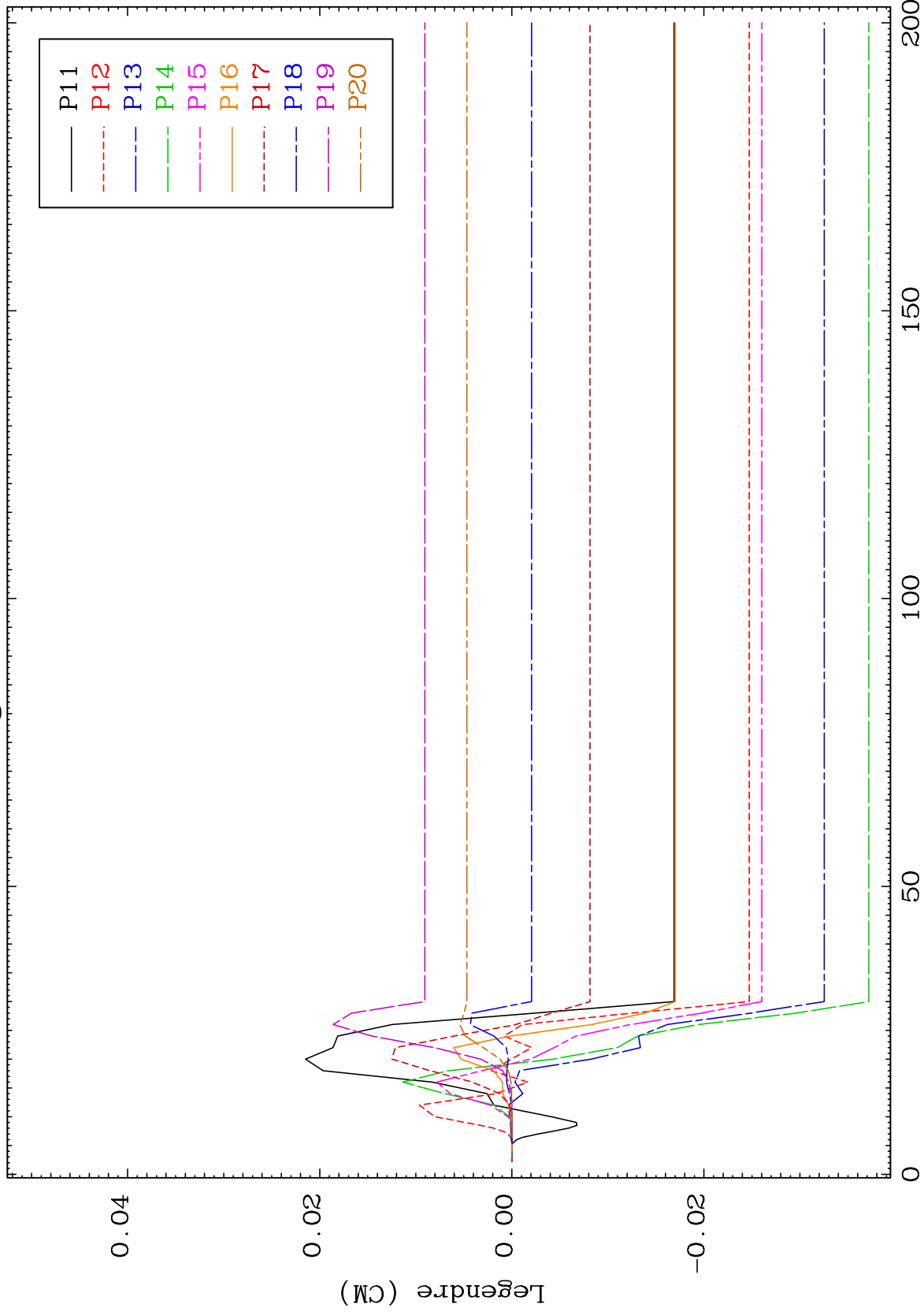
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



84

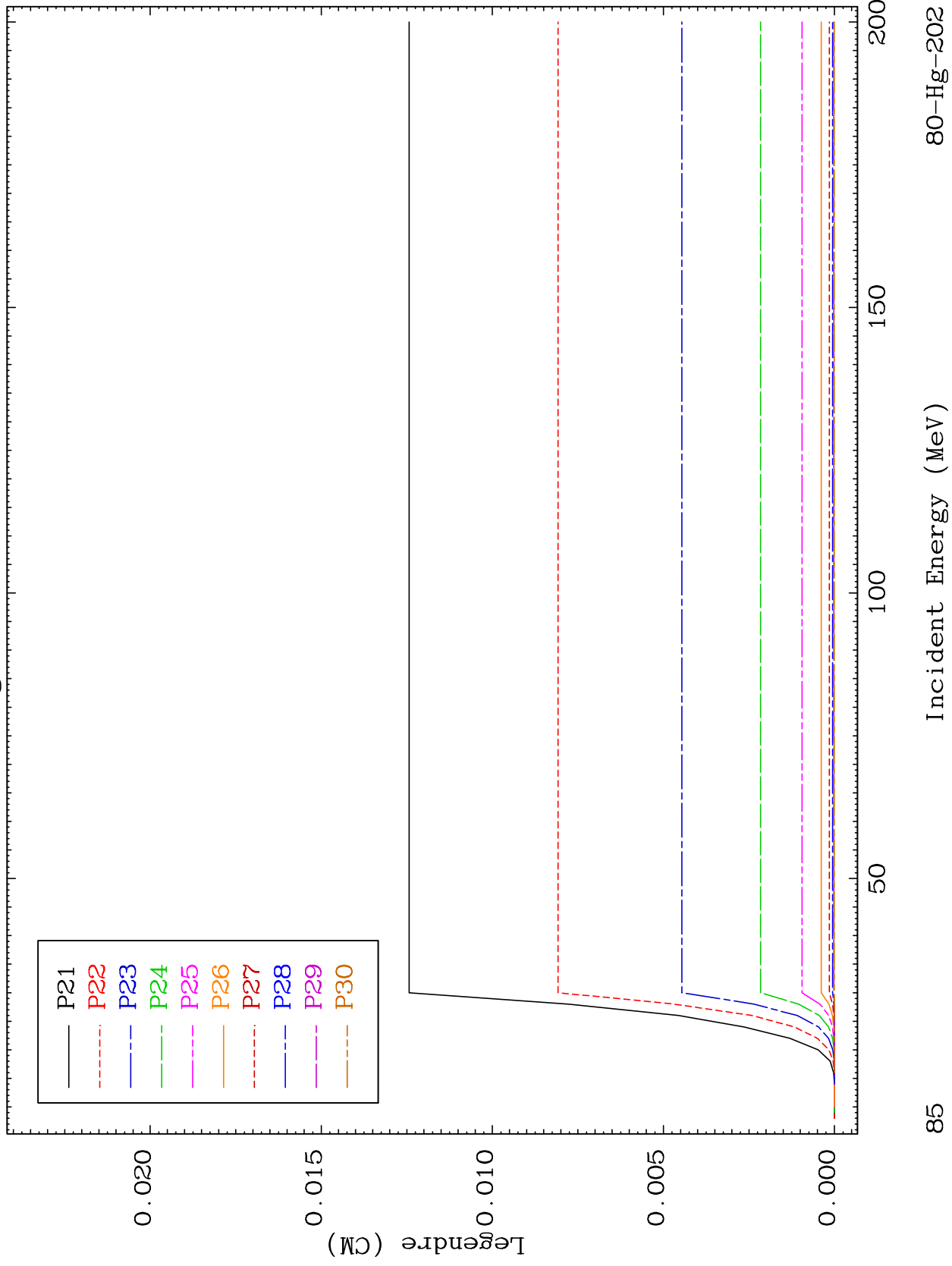
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



85

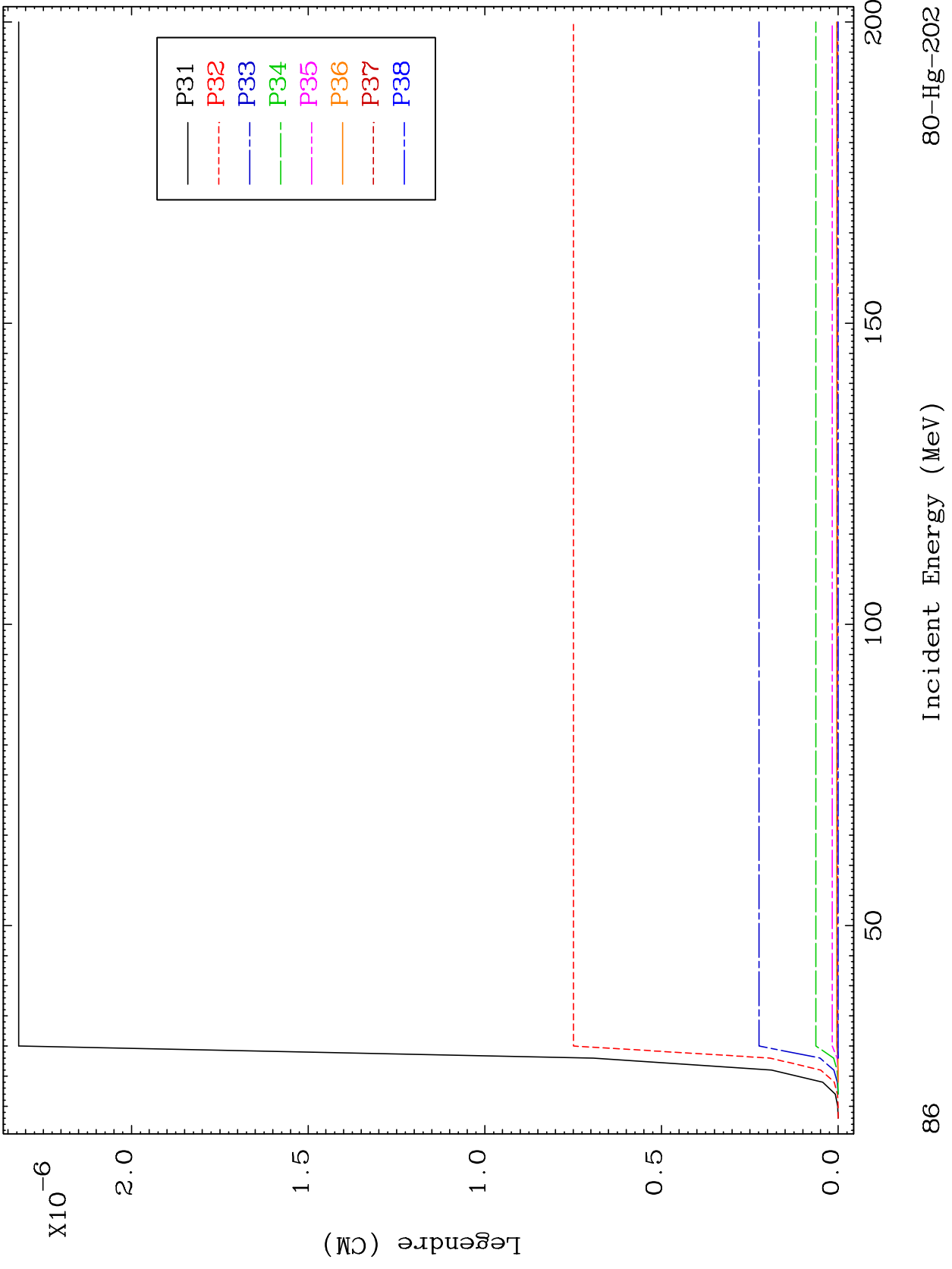
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

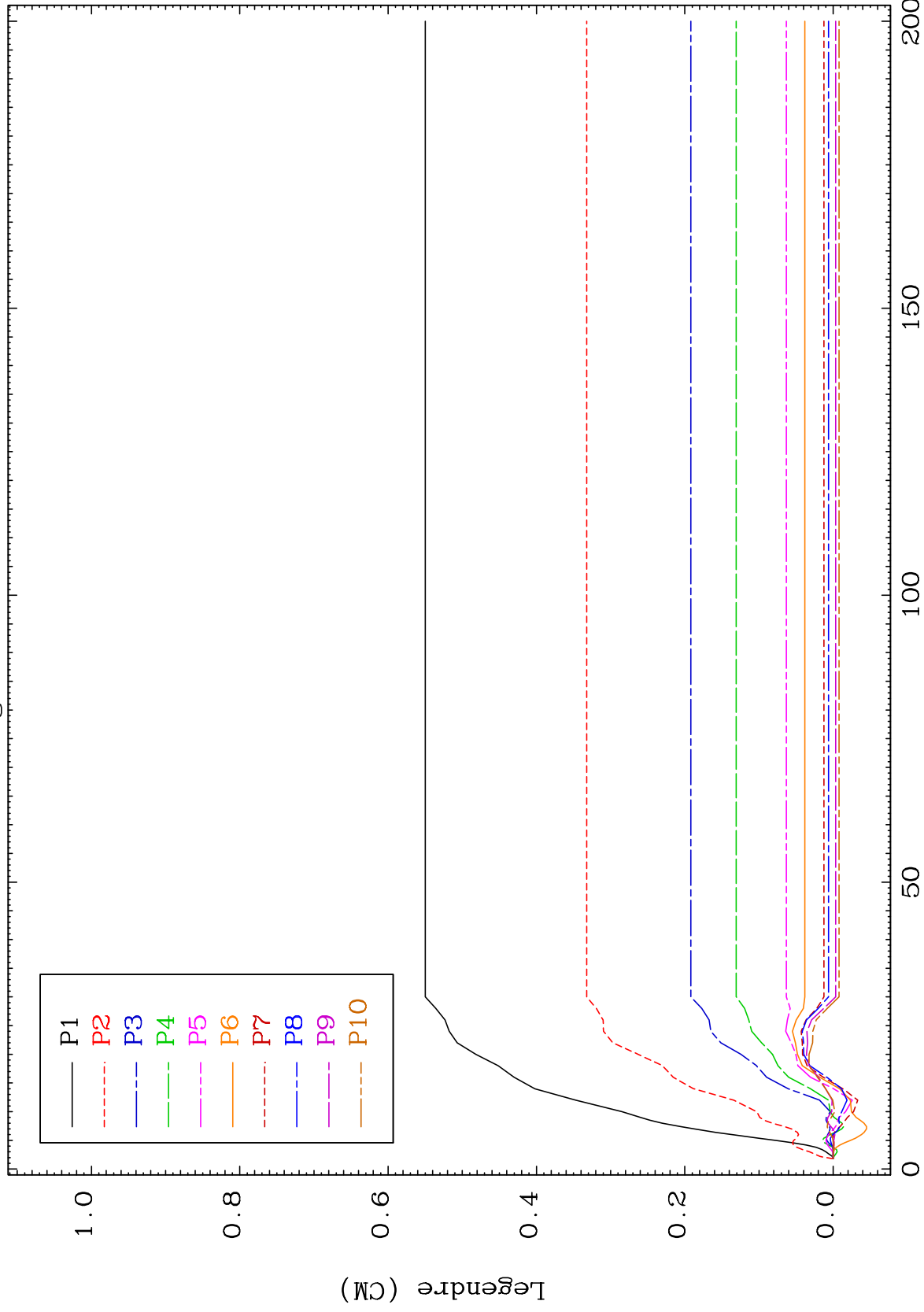
80-Hg-202



MAT 8043

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

80-Hg-202



87

Incident Energy (MeV)

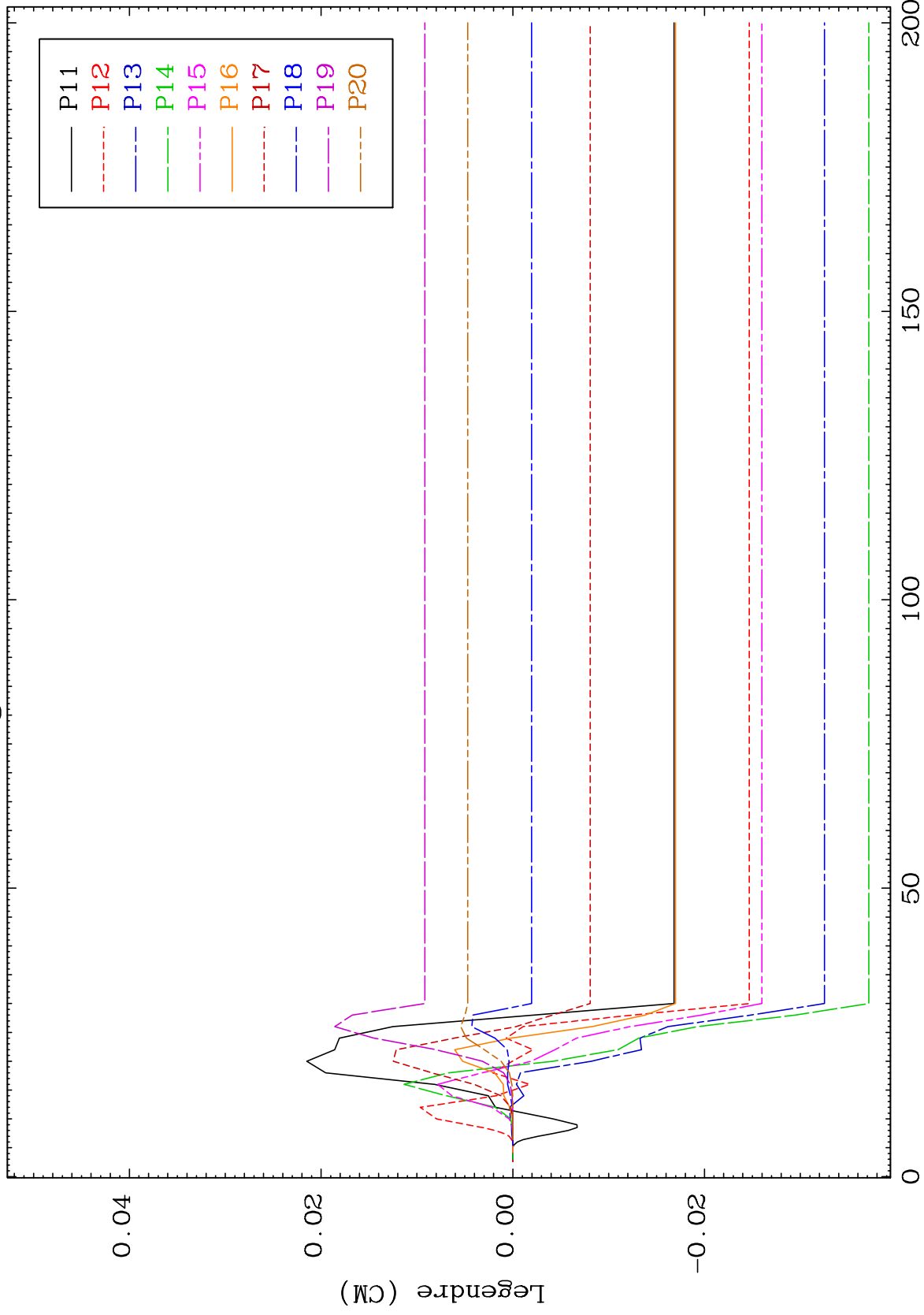
80-Hg-202



MAT 8043

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

80-Hg-202



88

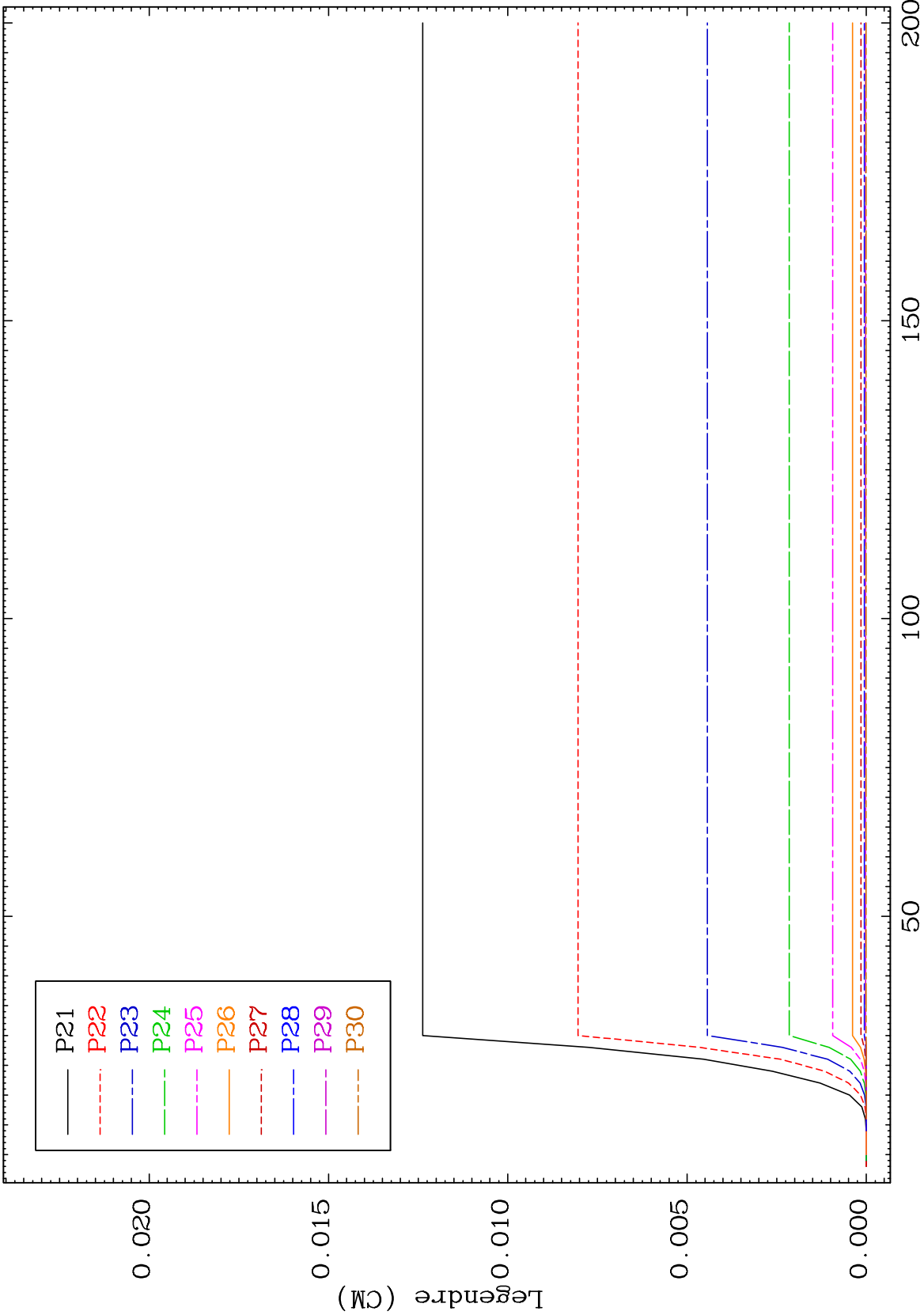
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



89

Incident Energy (MeV)

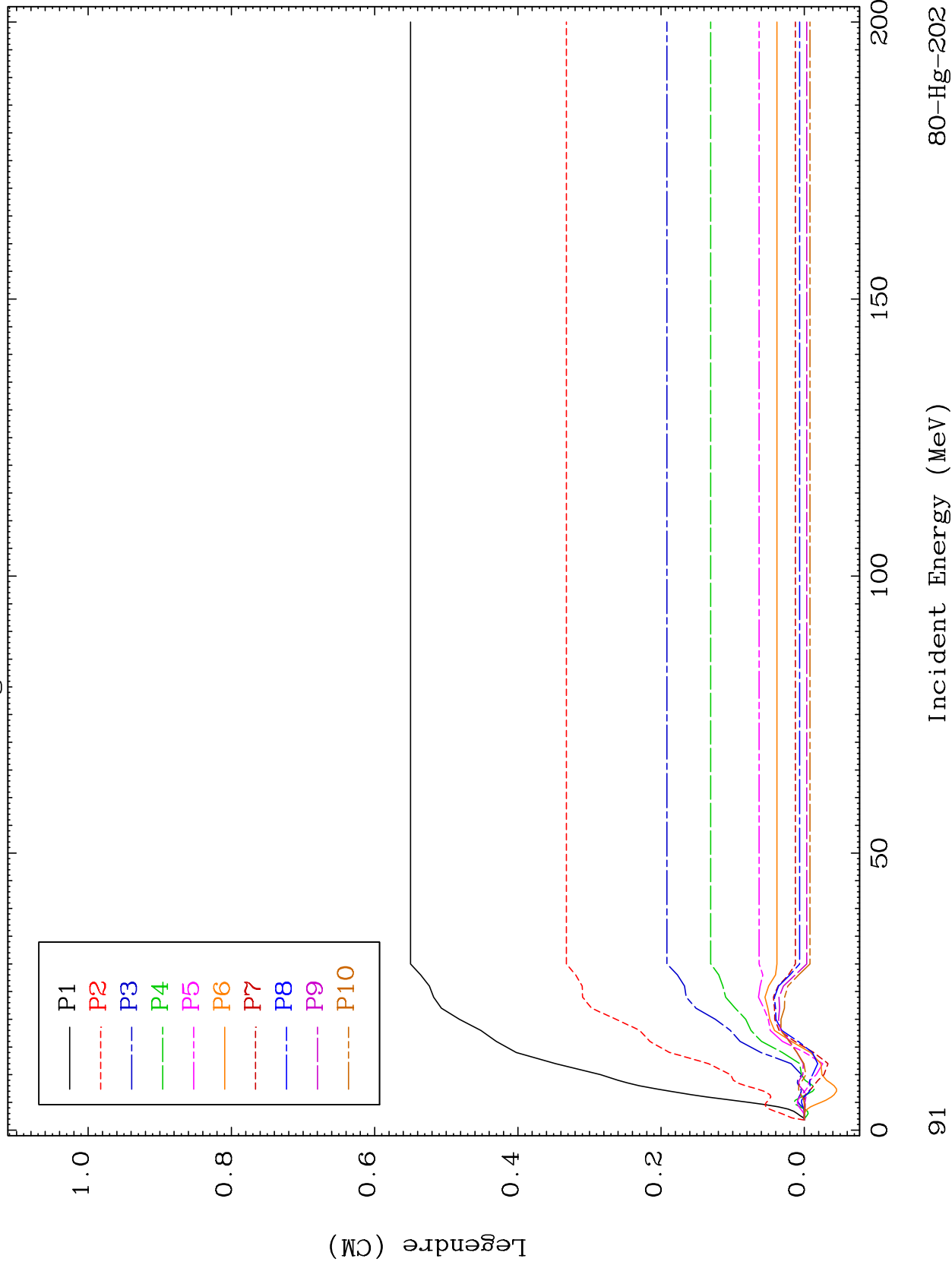
80-Hg-202



MAT 8043

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

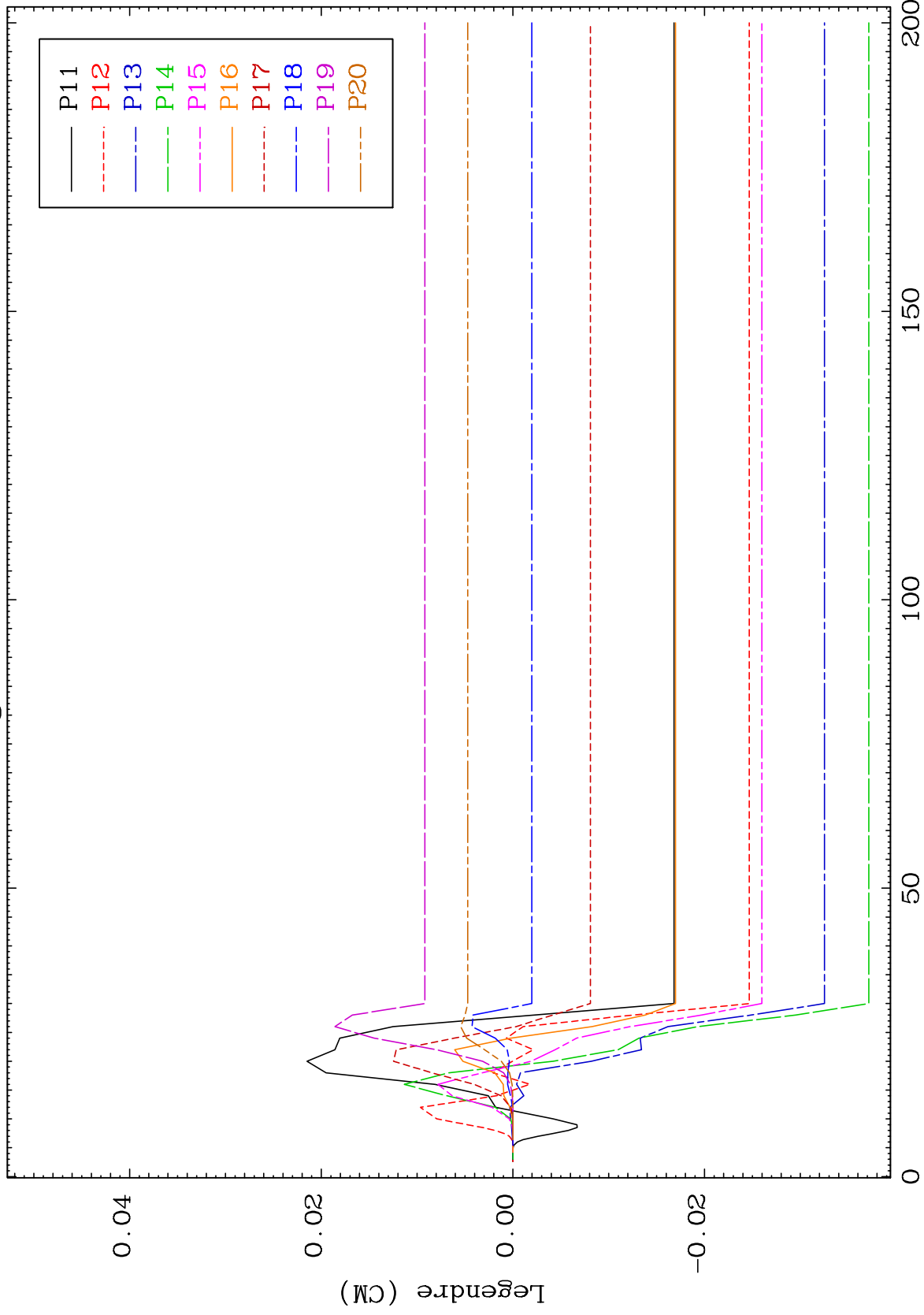
80-Hg-202



MAT 8043

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

80-Hg-202



92

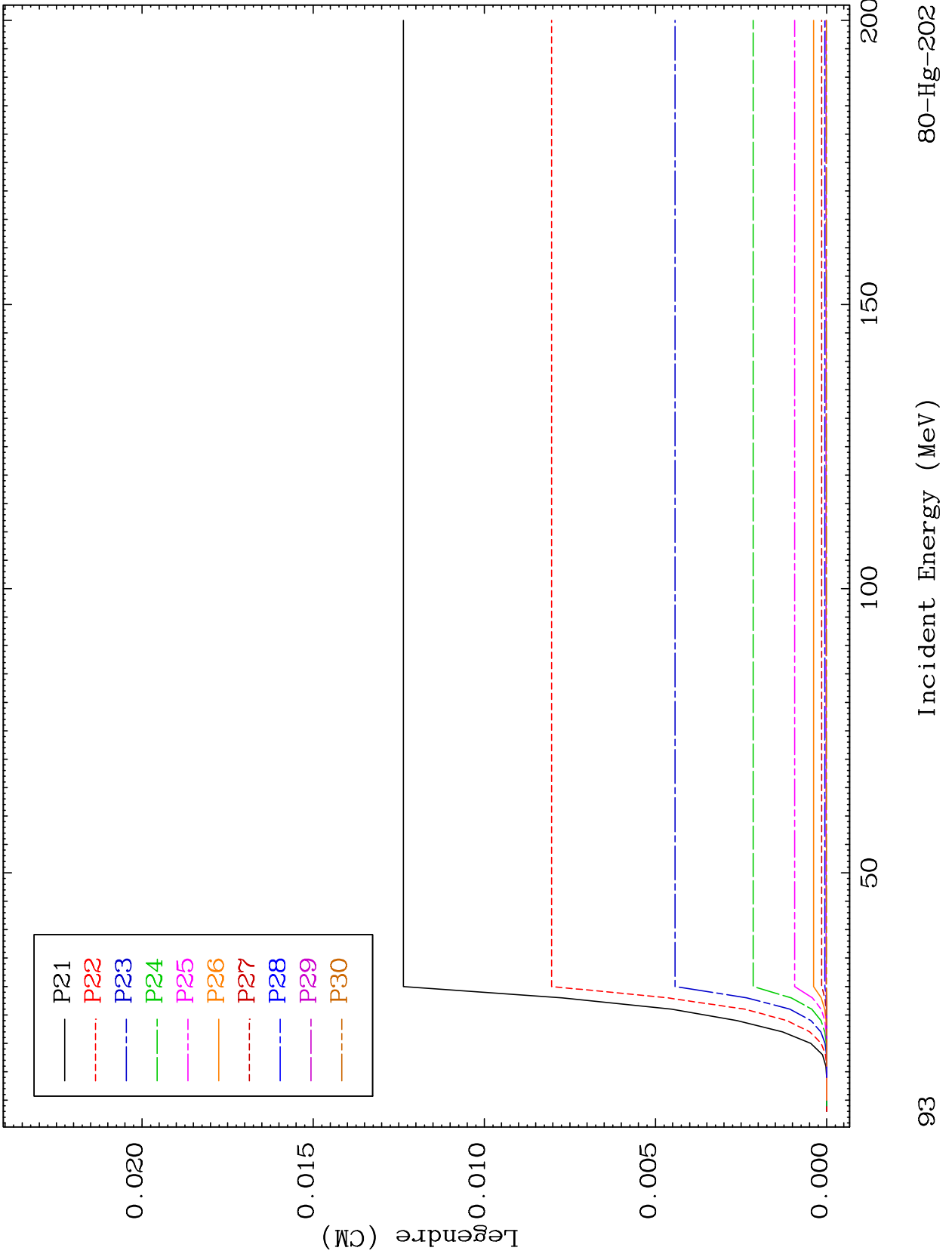
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

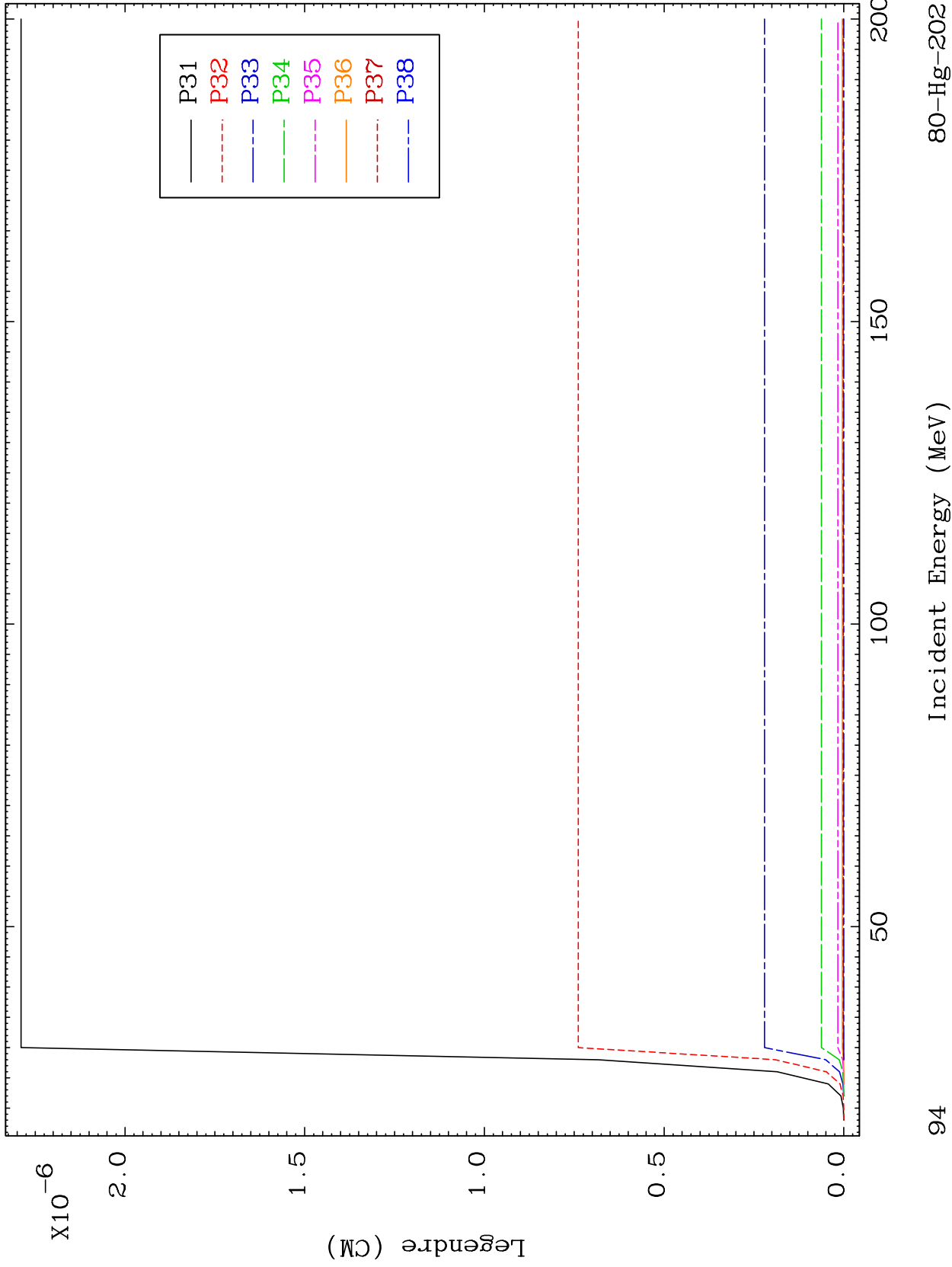
80-Hg-202



MAT 8043

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

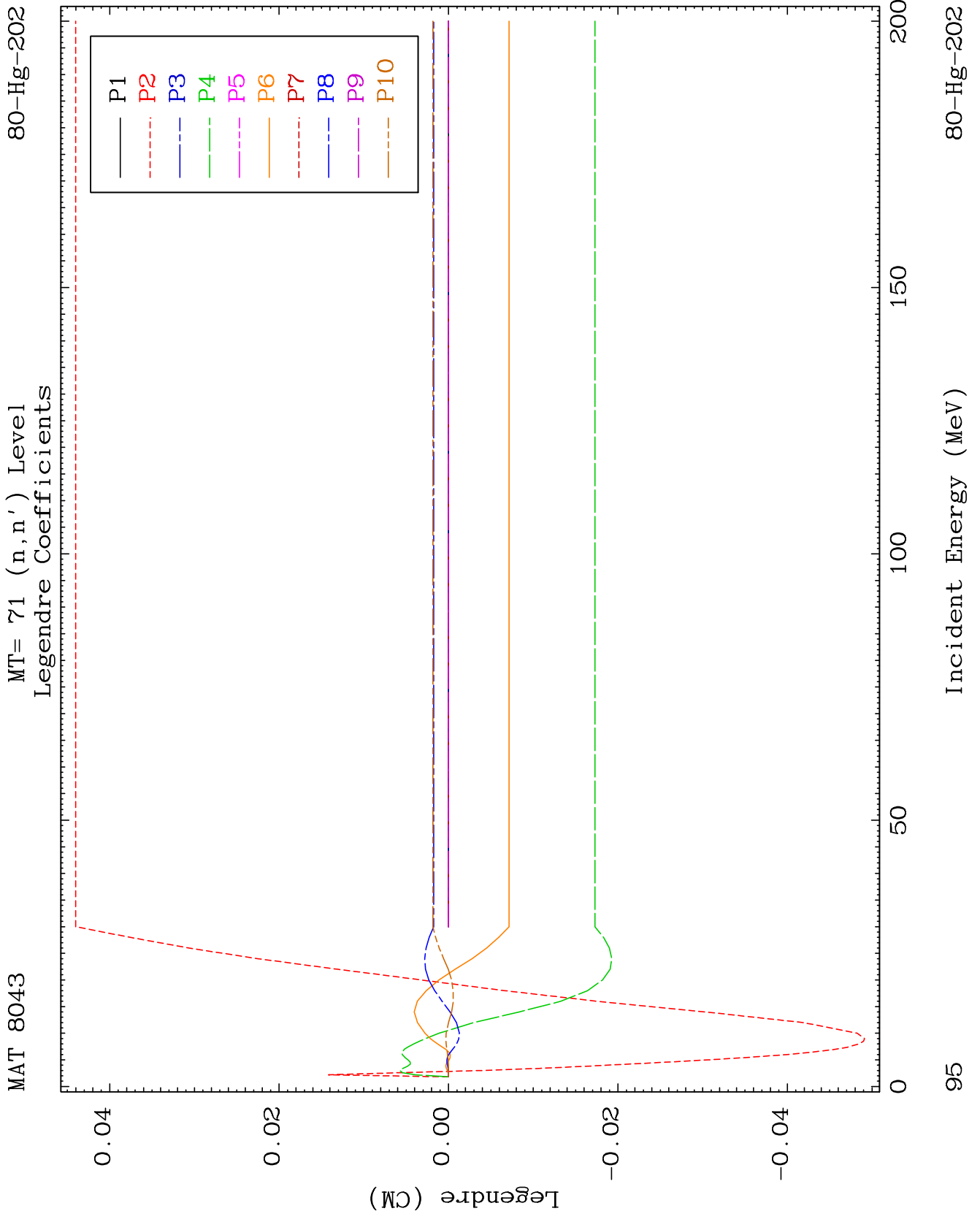
80-Hg-202



94

Incident Energy (MeV)

80-Hg-202

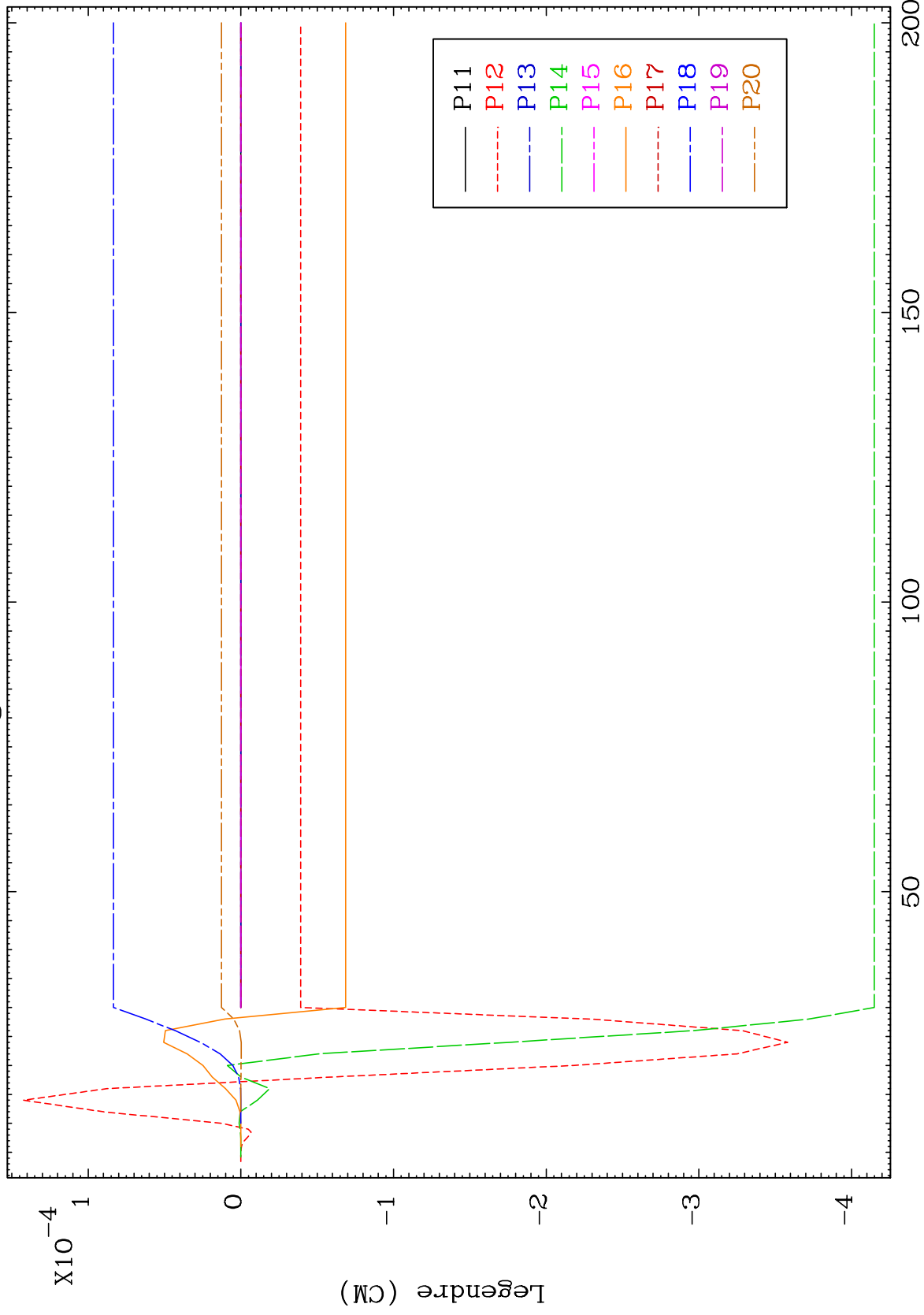




MAT 8043

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

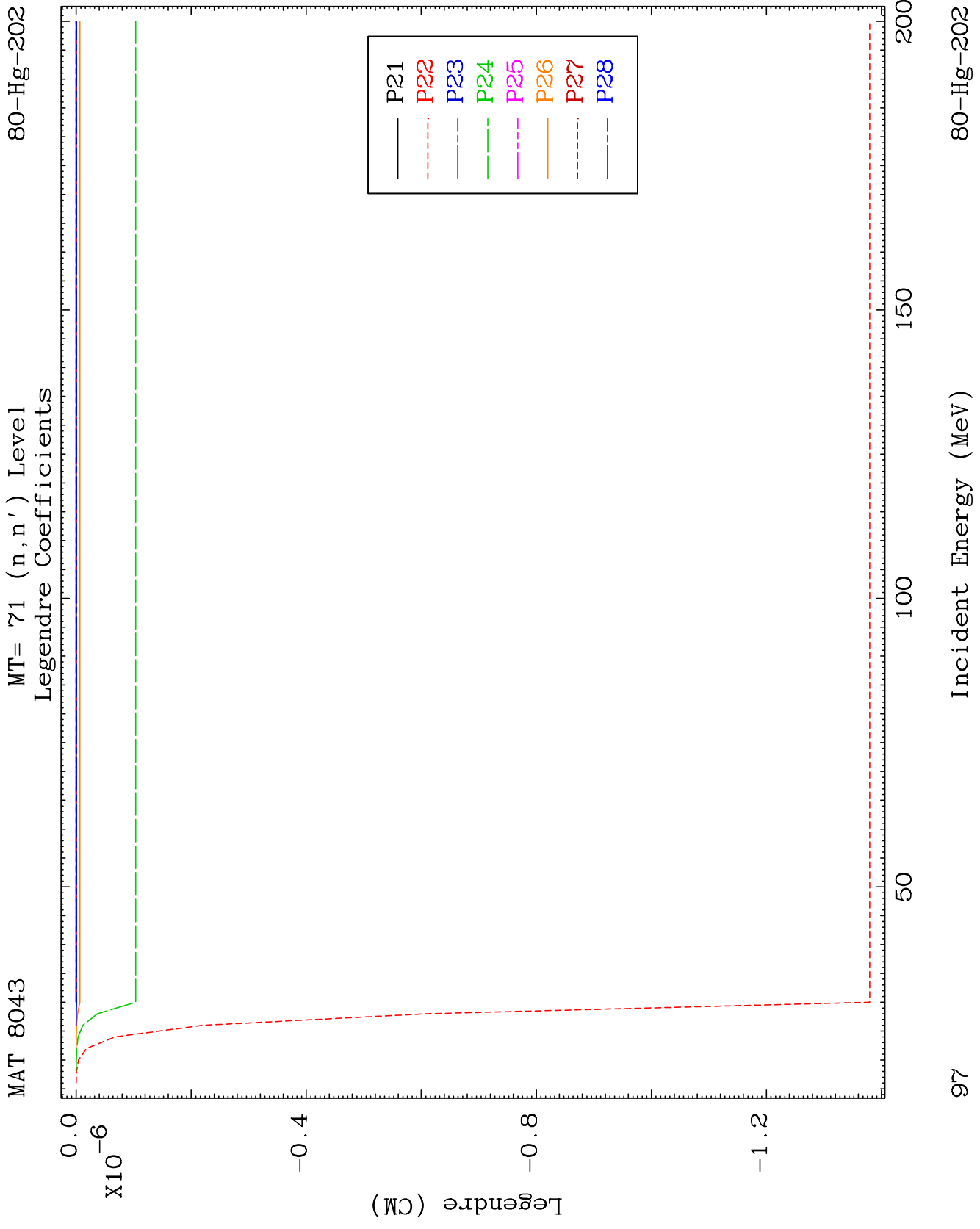
80-Hg-202



96

Incident Energy (MeV)

80-Hg-202

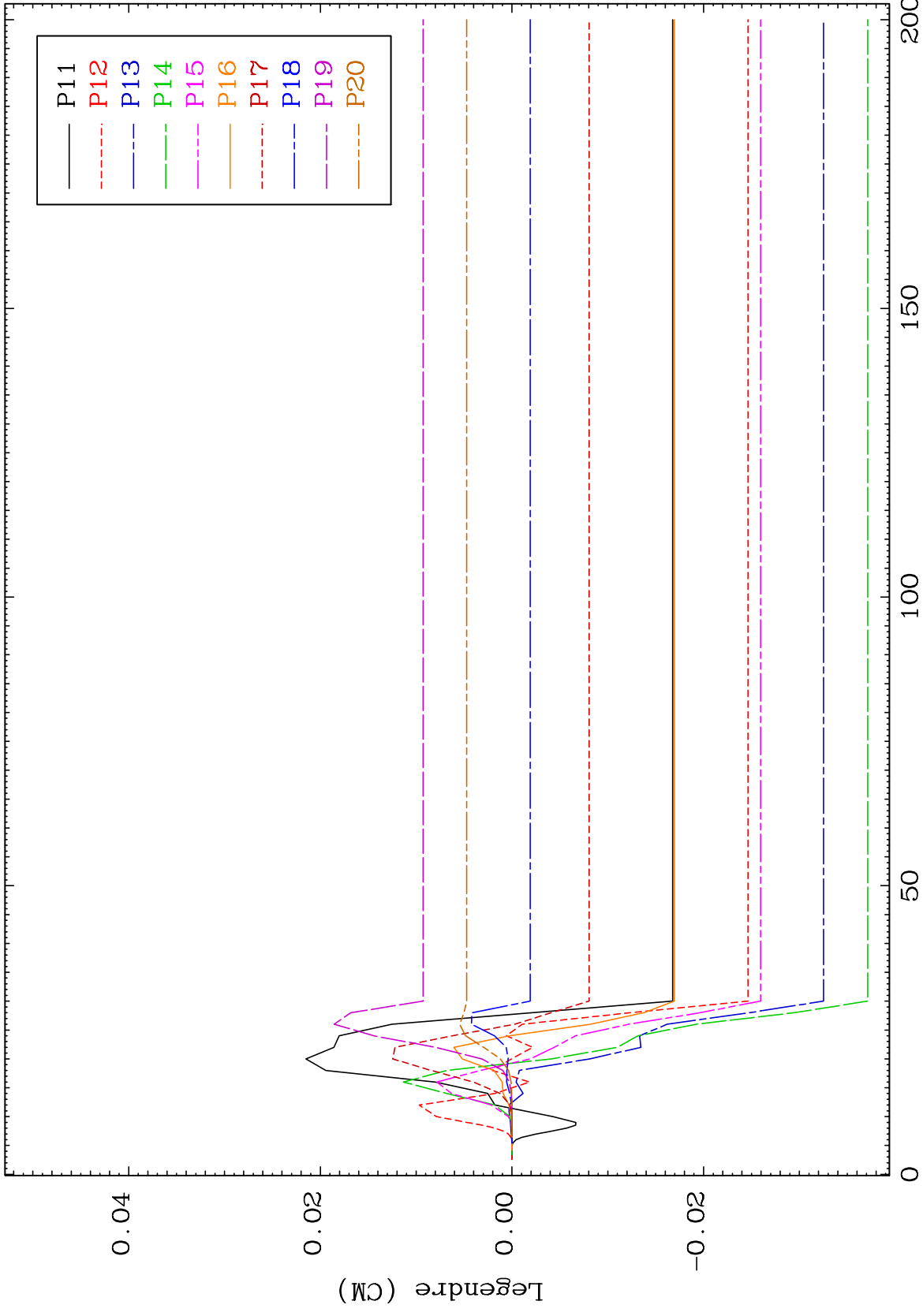




MAT 8043

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

80-Hg-202



99

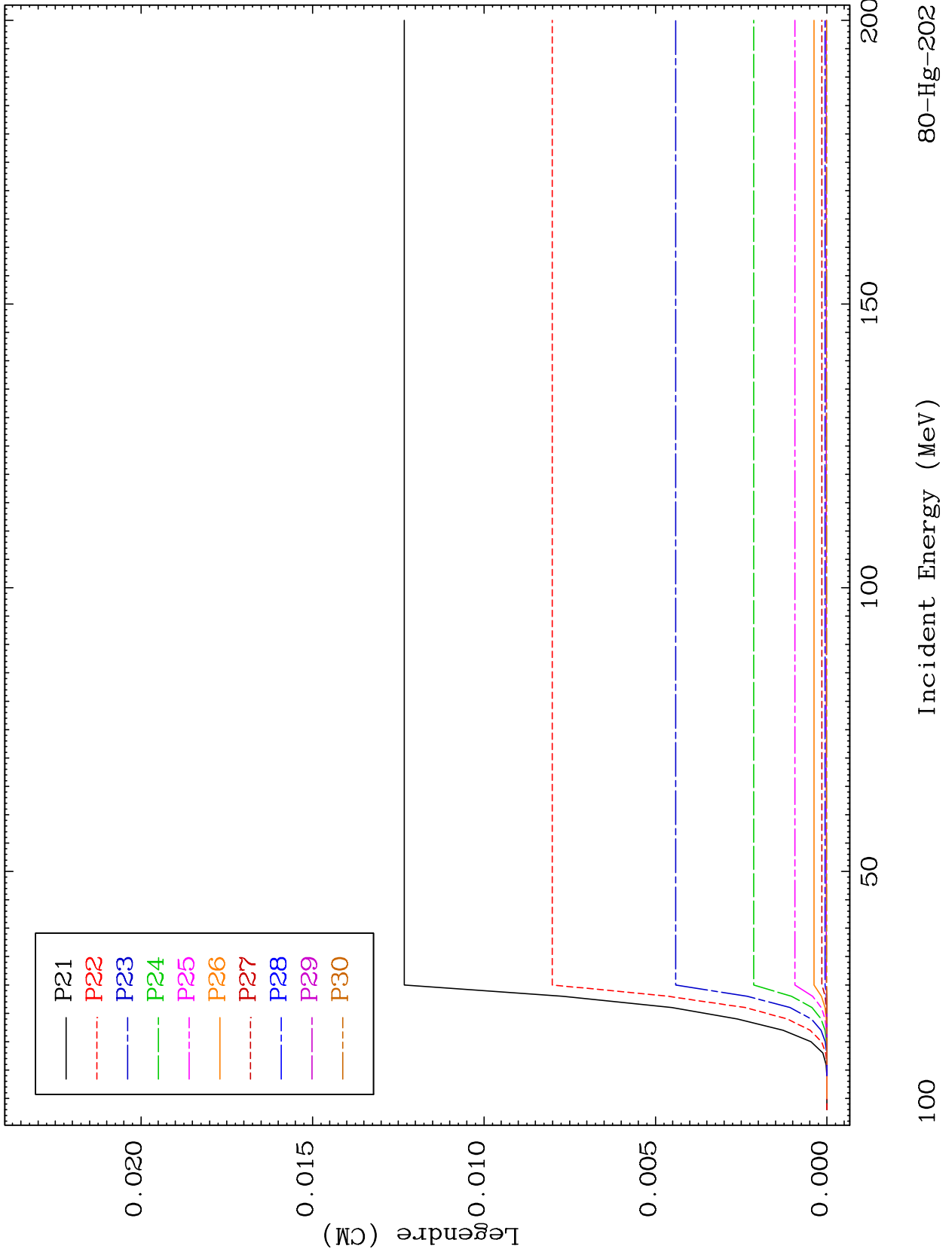
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



100

50

100

150

200

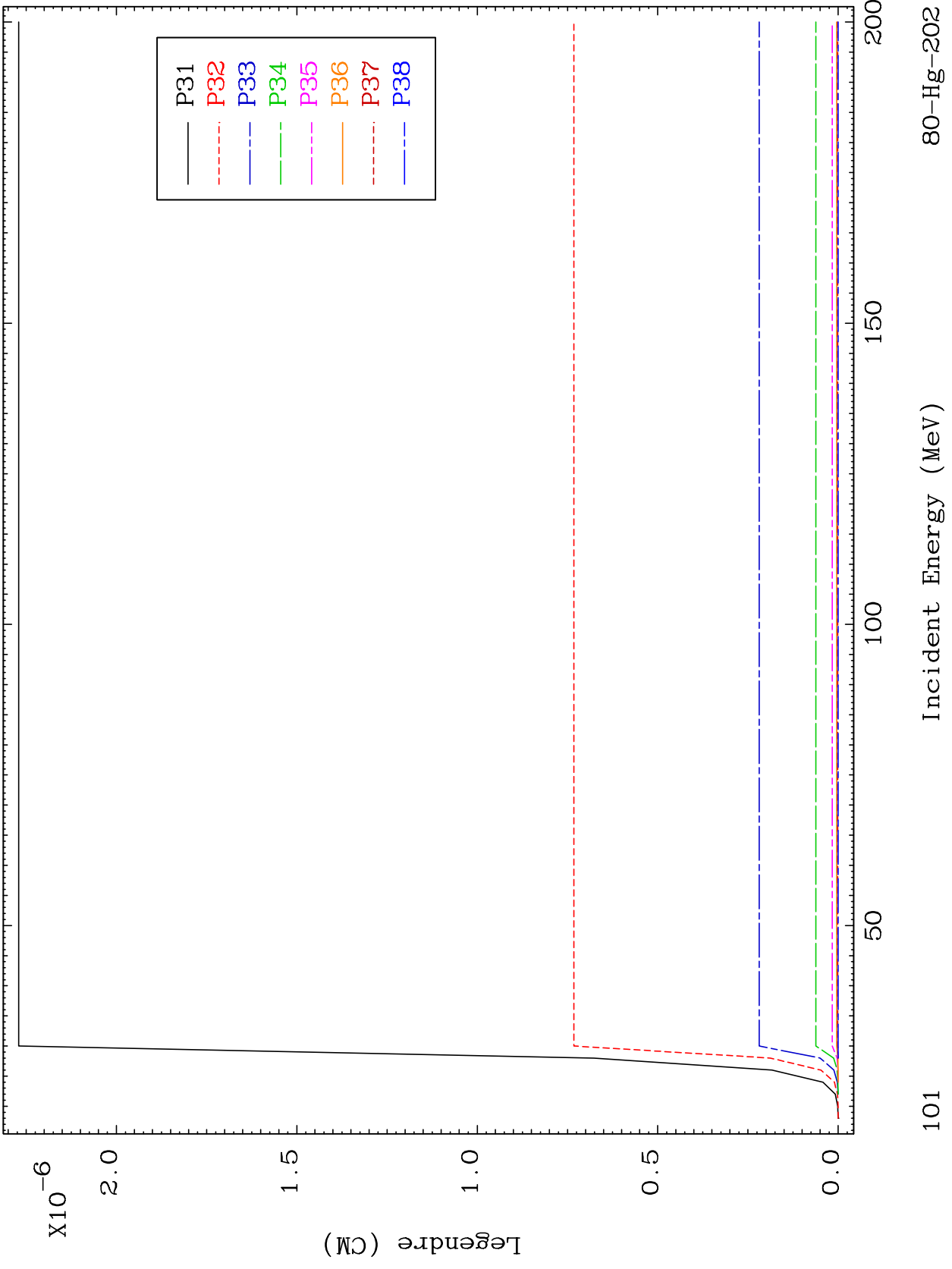
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



101

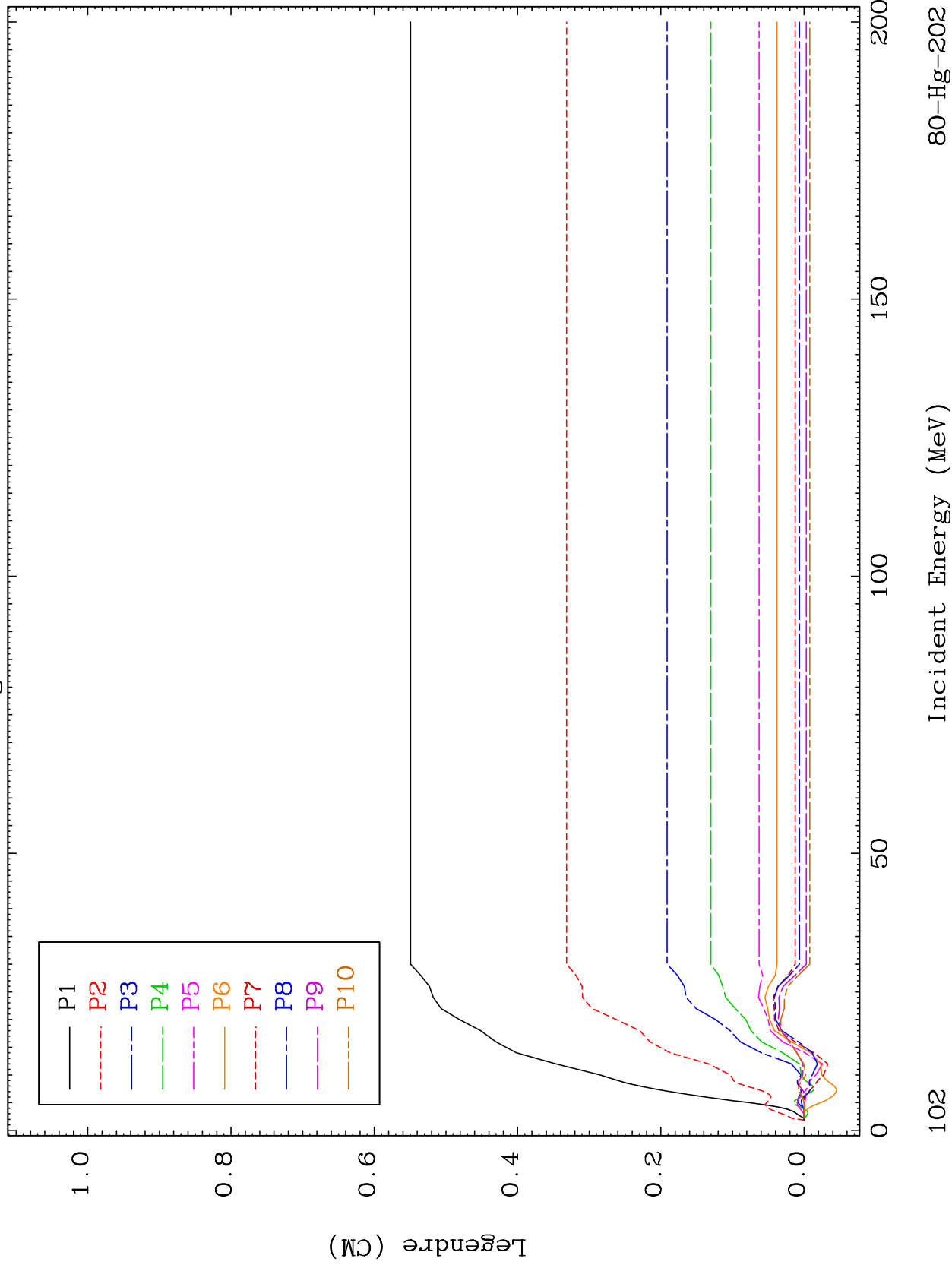
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



80-Hg-202

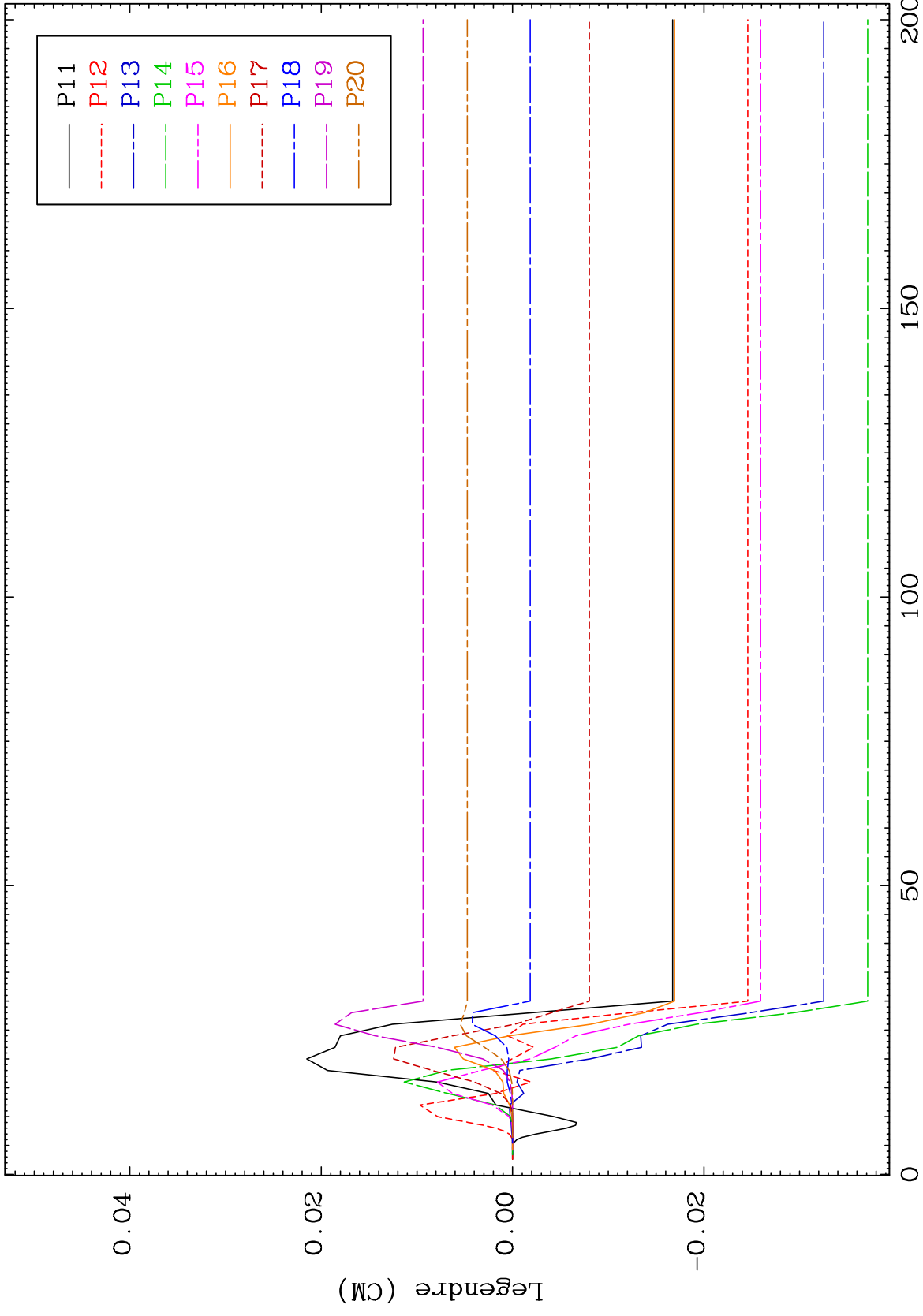
Incident Energy (MeV)

102

MAT 8043

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

80-Hg-202



103

Incident Energy (MeV)

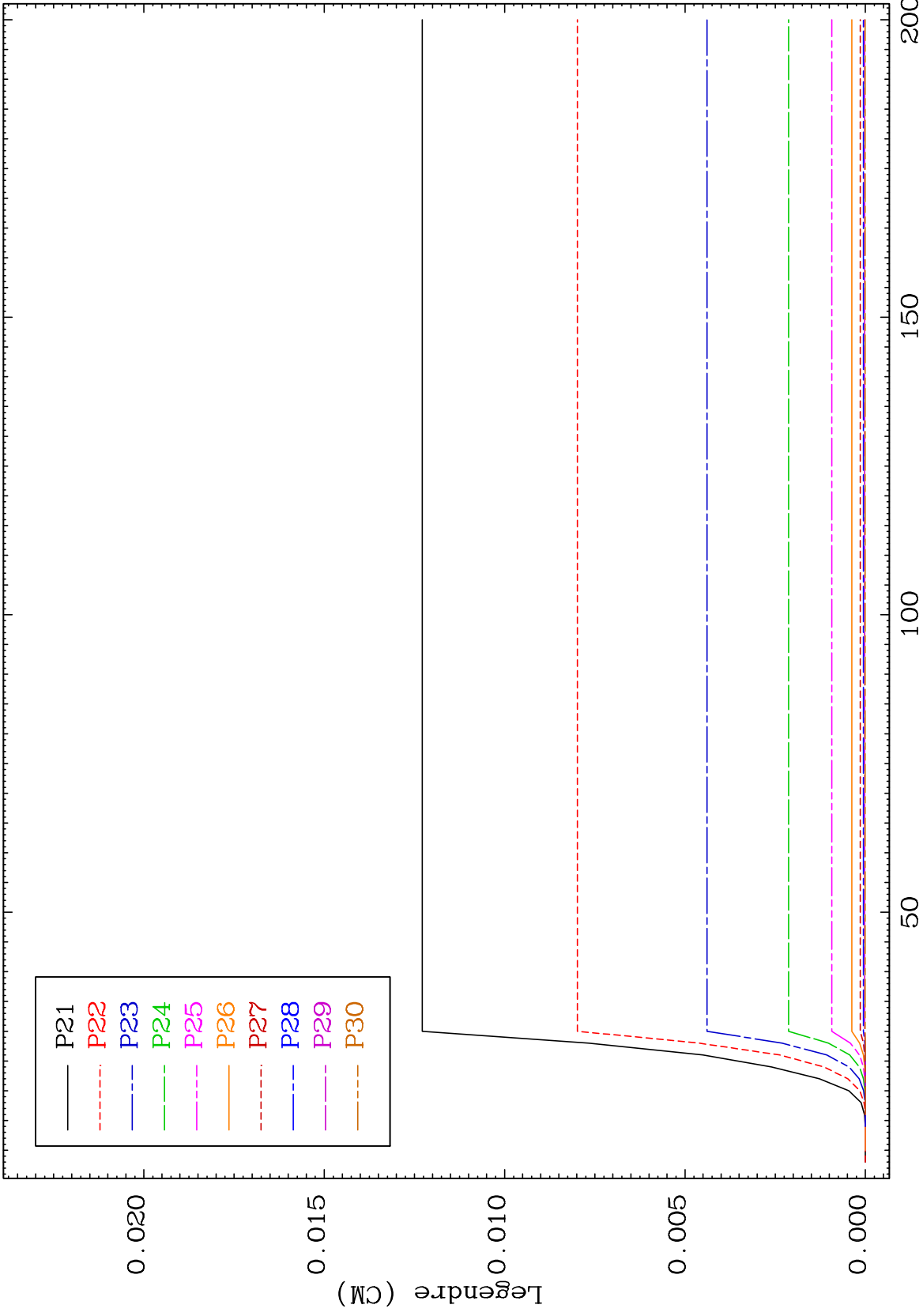
80-Hg-202



MAT 8043

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

80-Hg-202

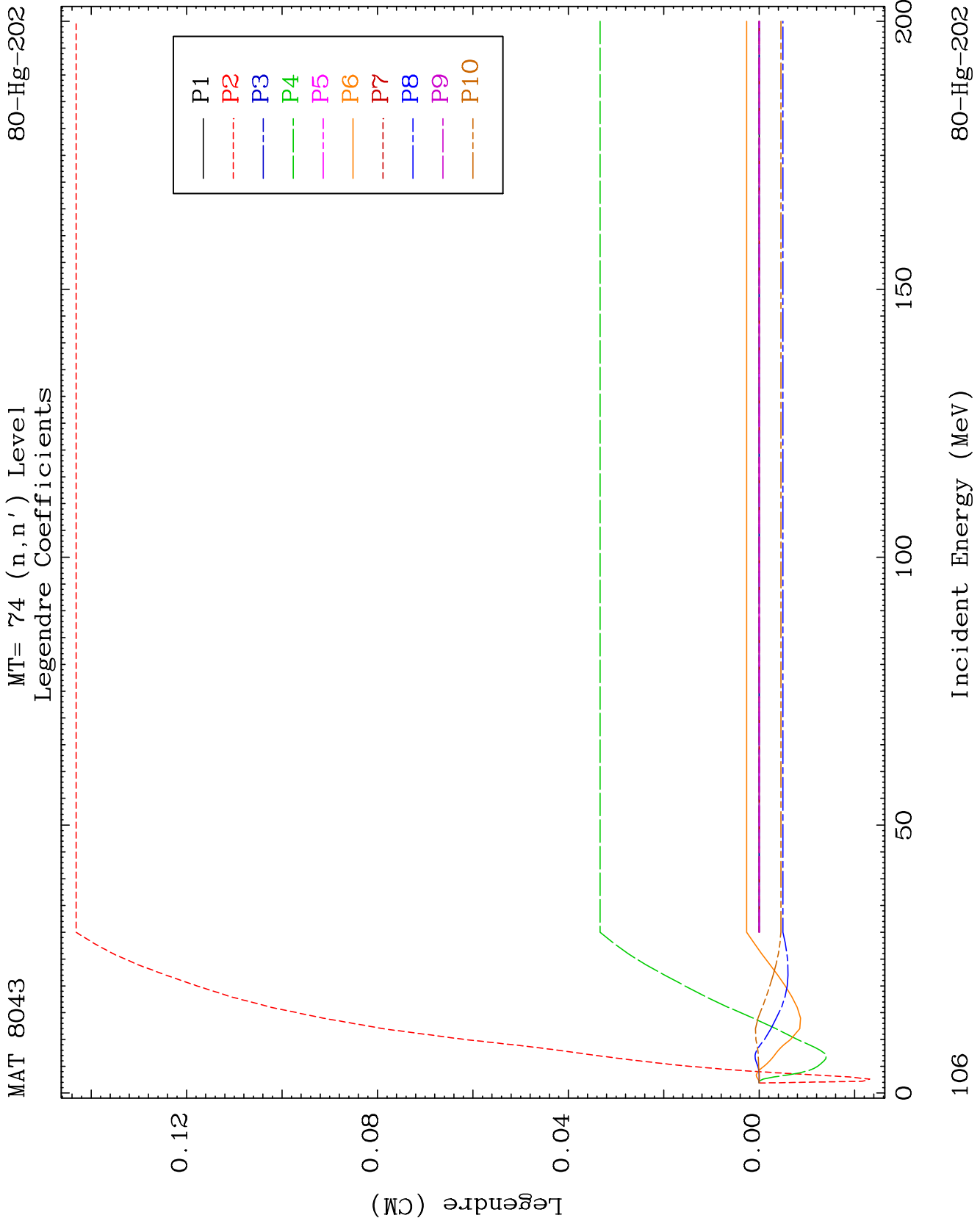


104

Incident Energy (MeV)

80-Hg-202





80-Hg-202

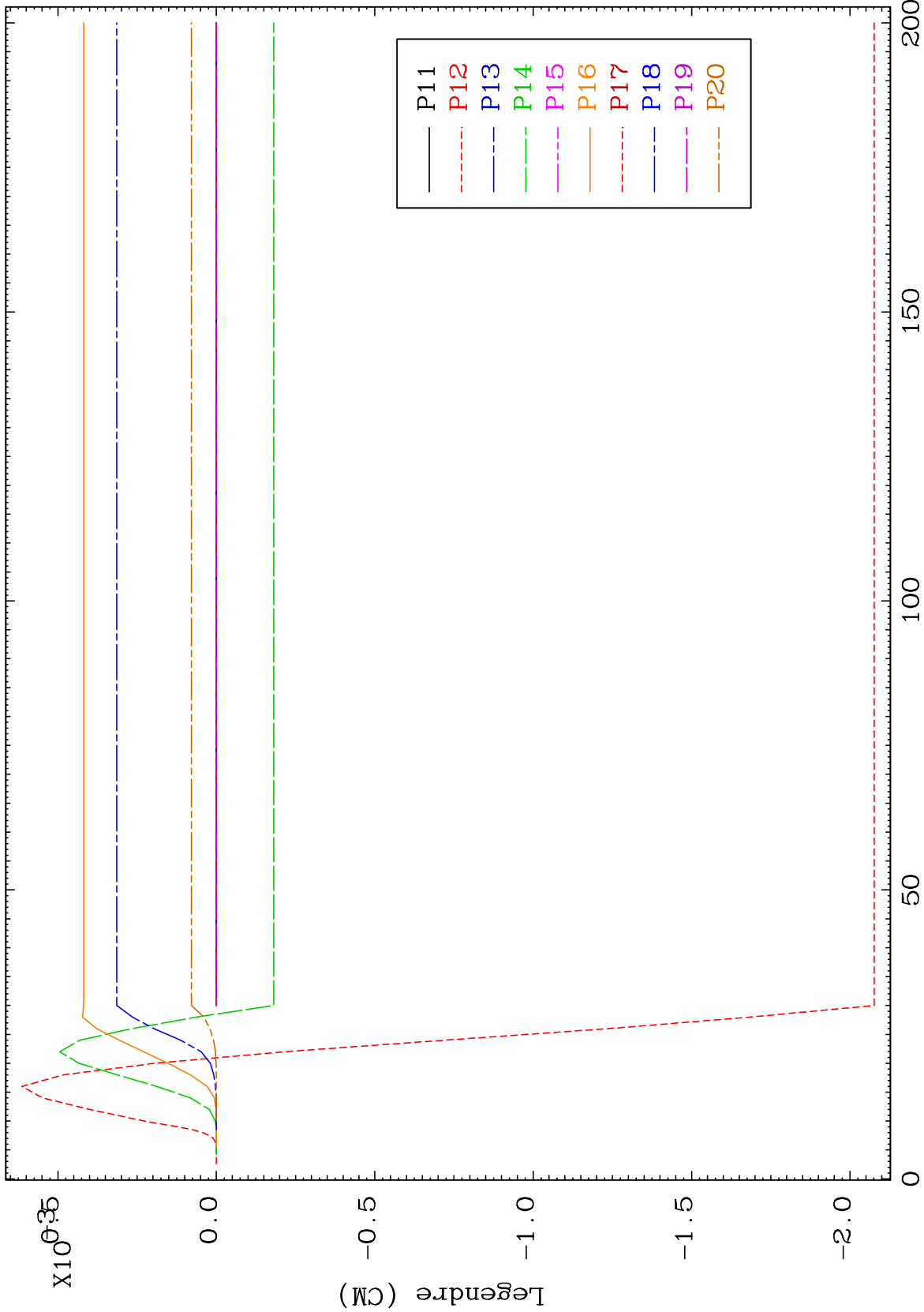
Incident Energy (MeV)

106

MAT 8043

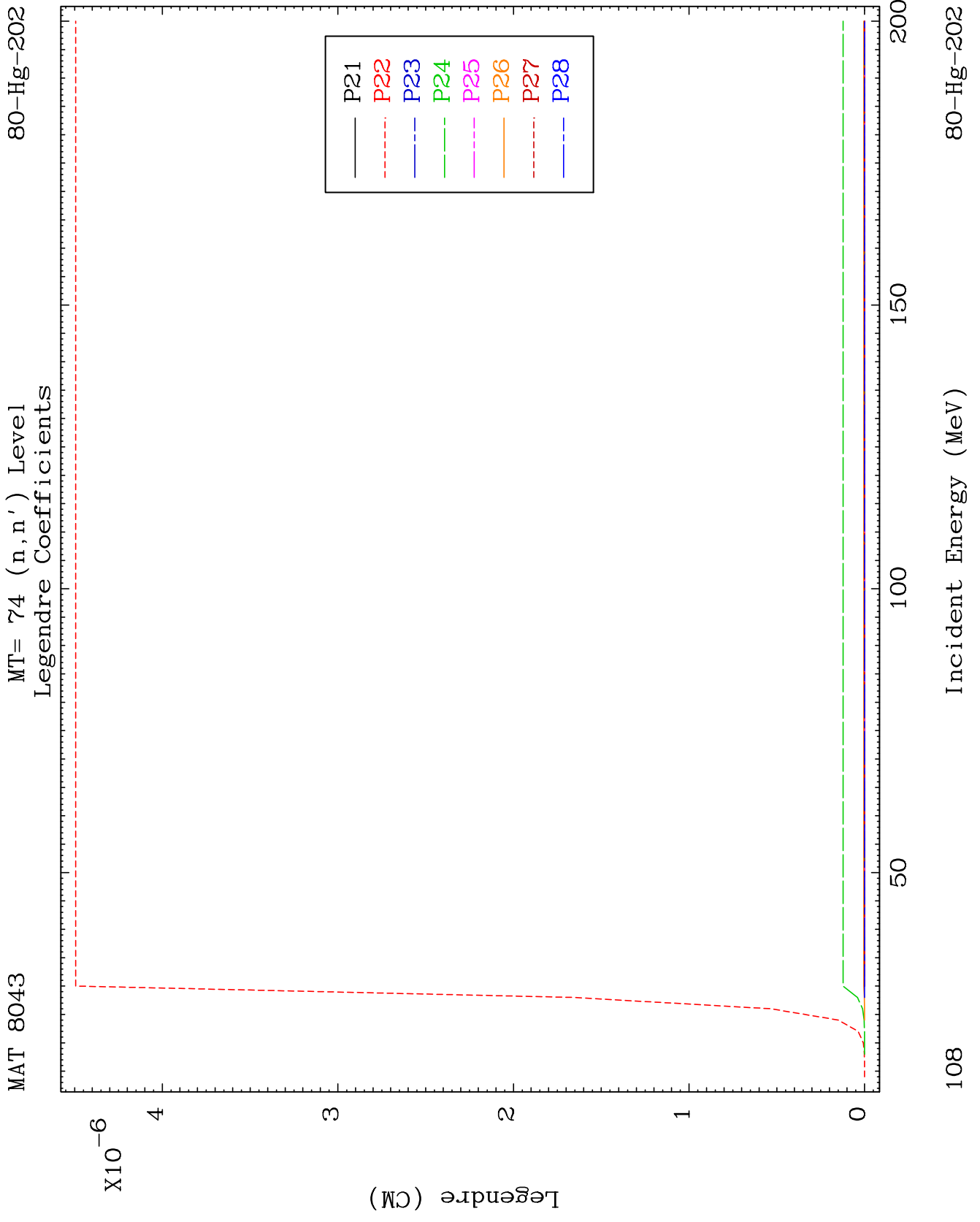
MT= 74 (n,n') Level  
Legendre Coefficients

80-Hg-202



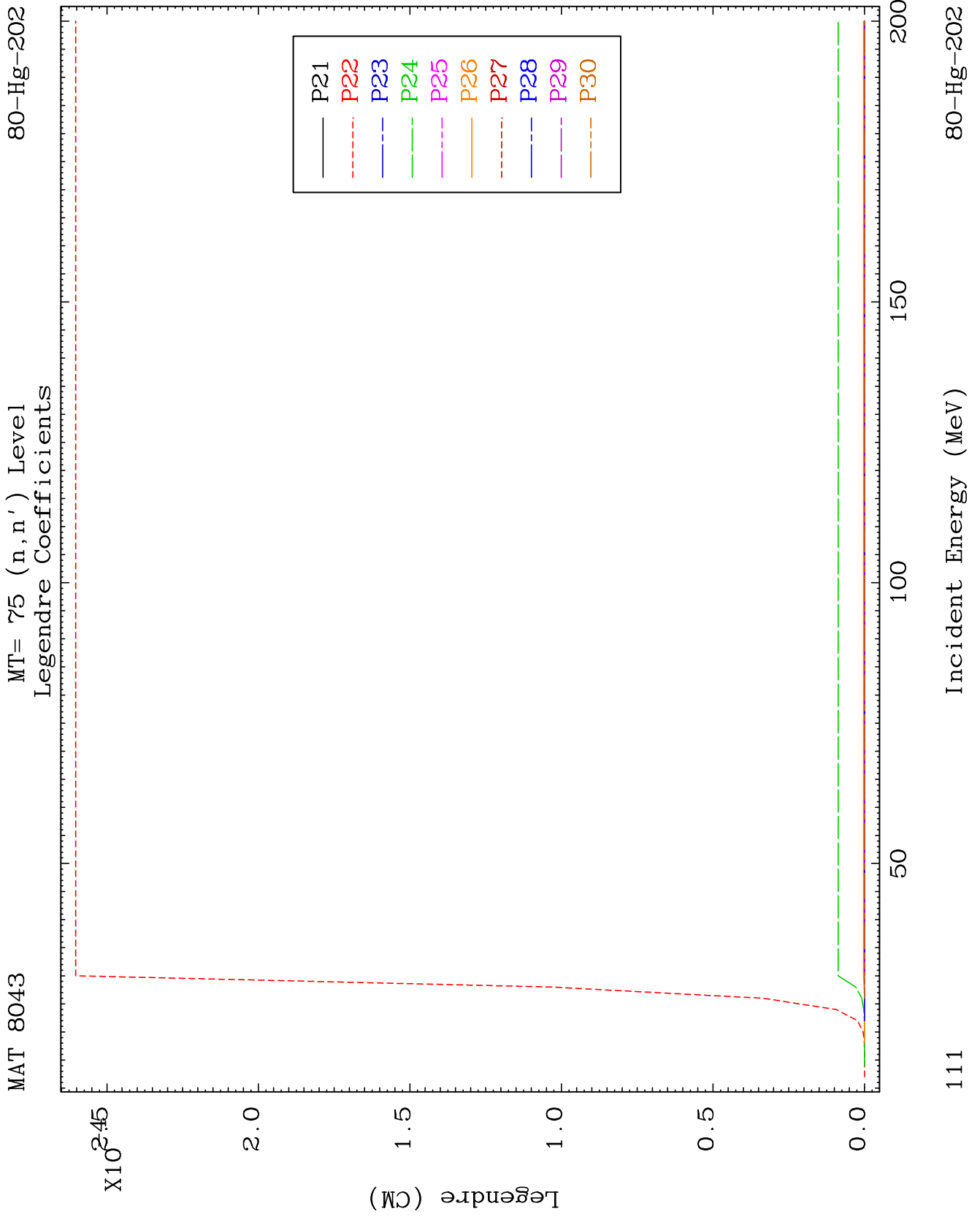
107

80-Hg-202









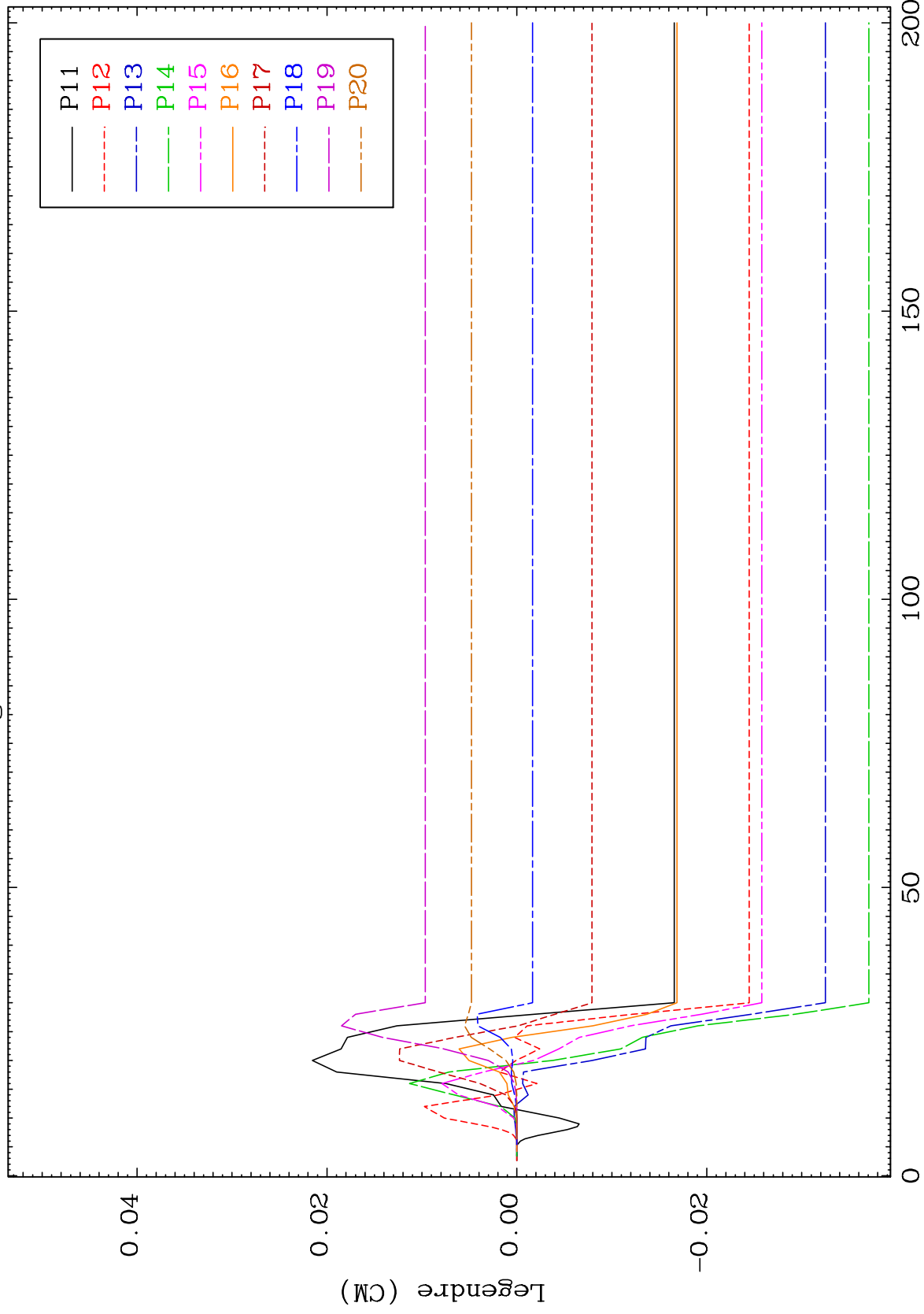




MAT 8043

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

80-Hg-202



113

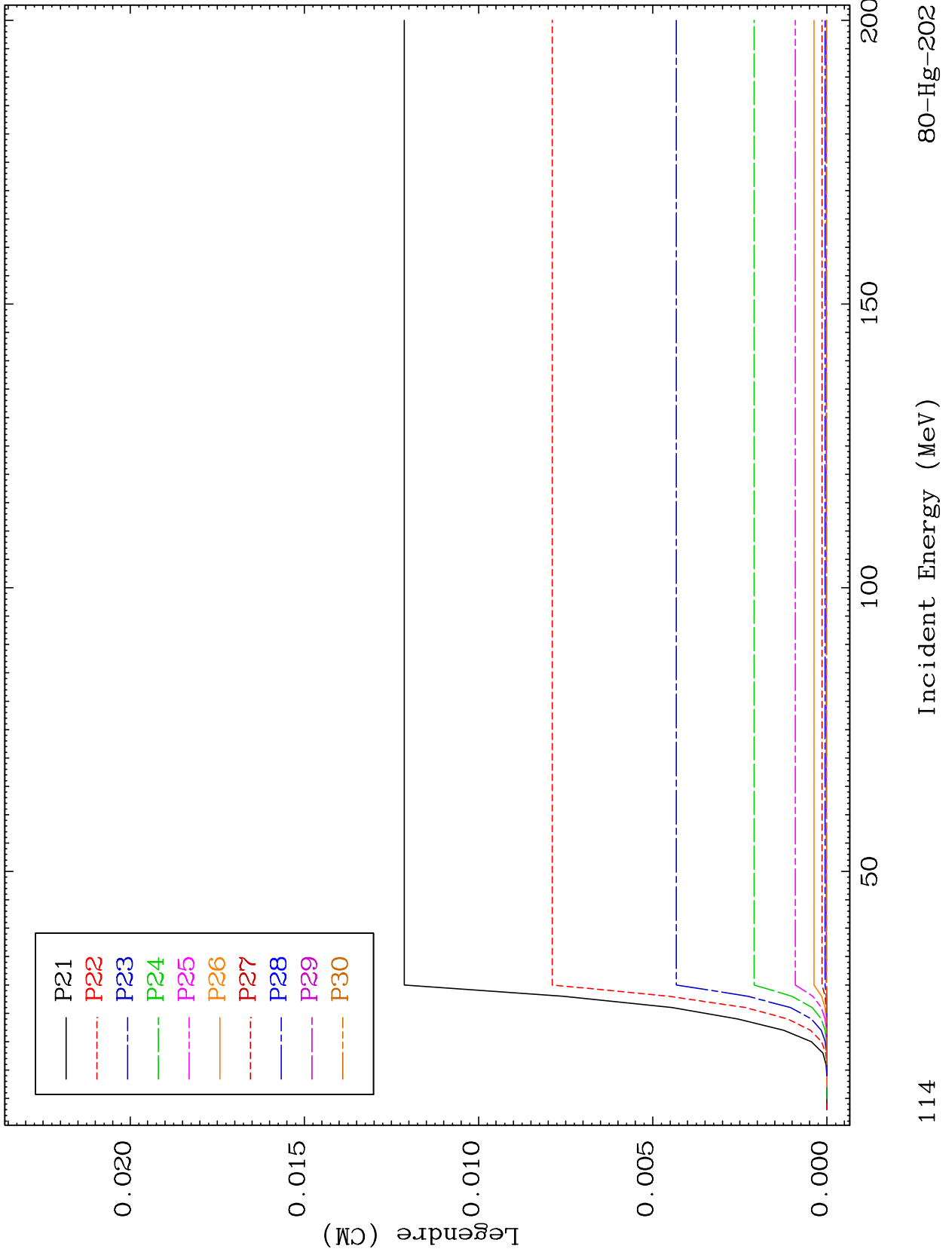
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



114

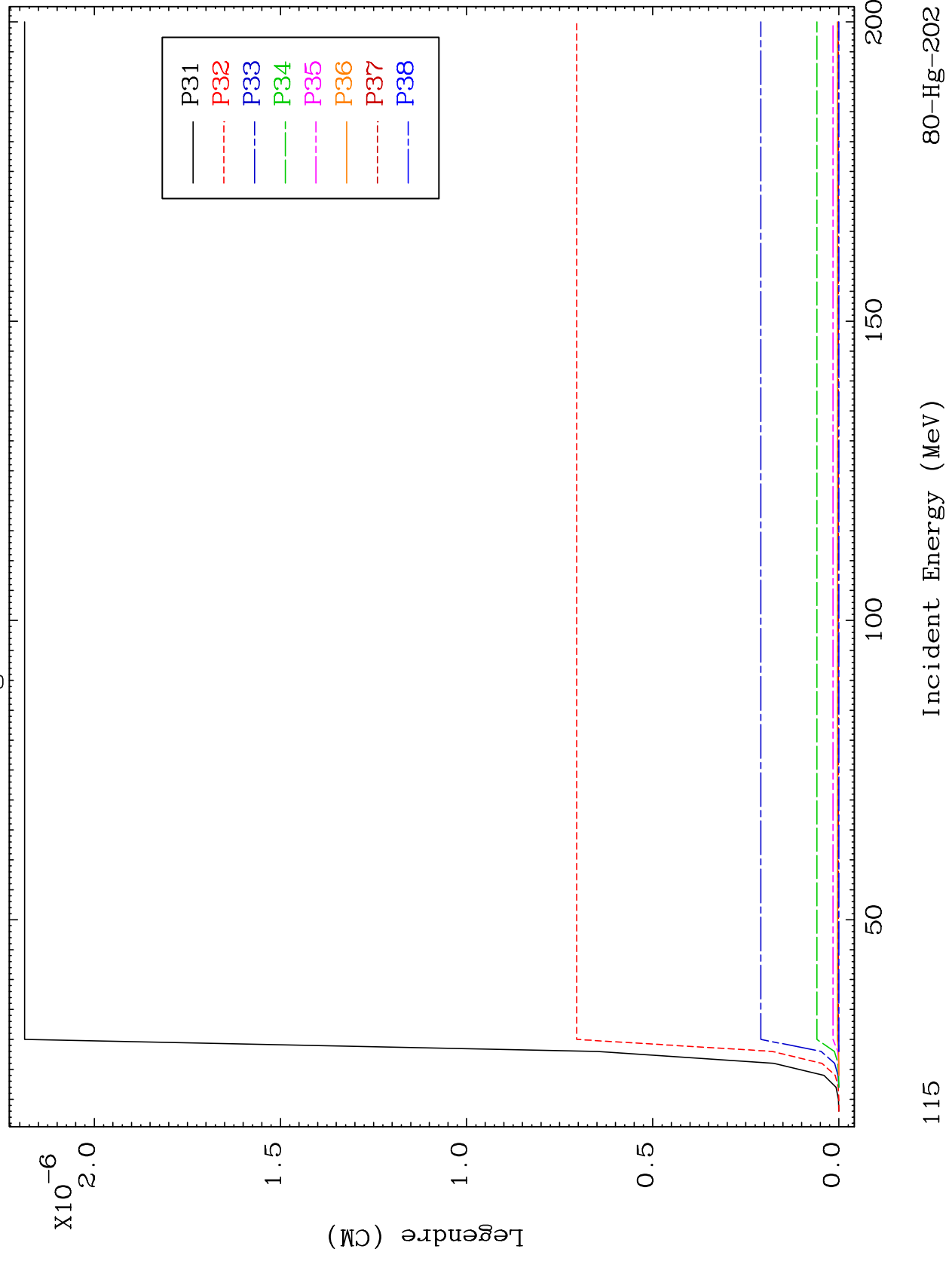
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



80-Hg-202

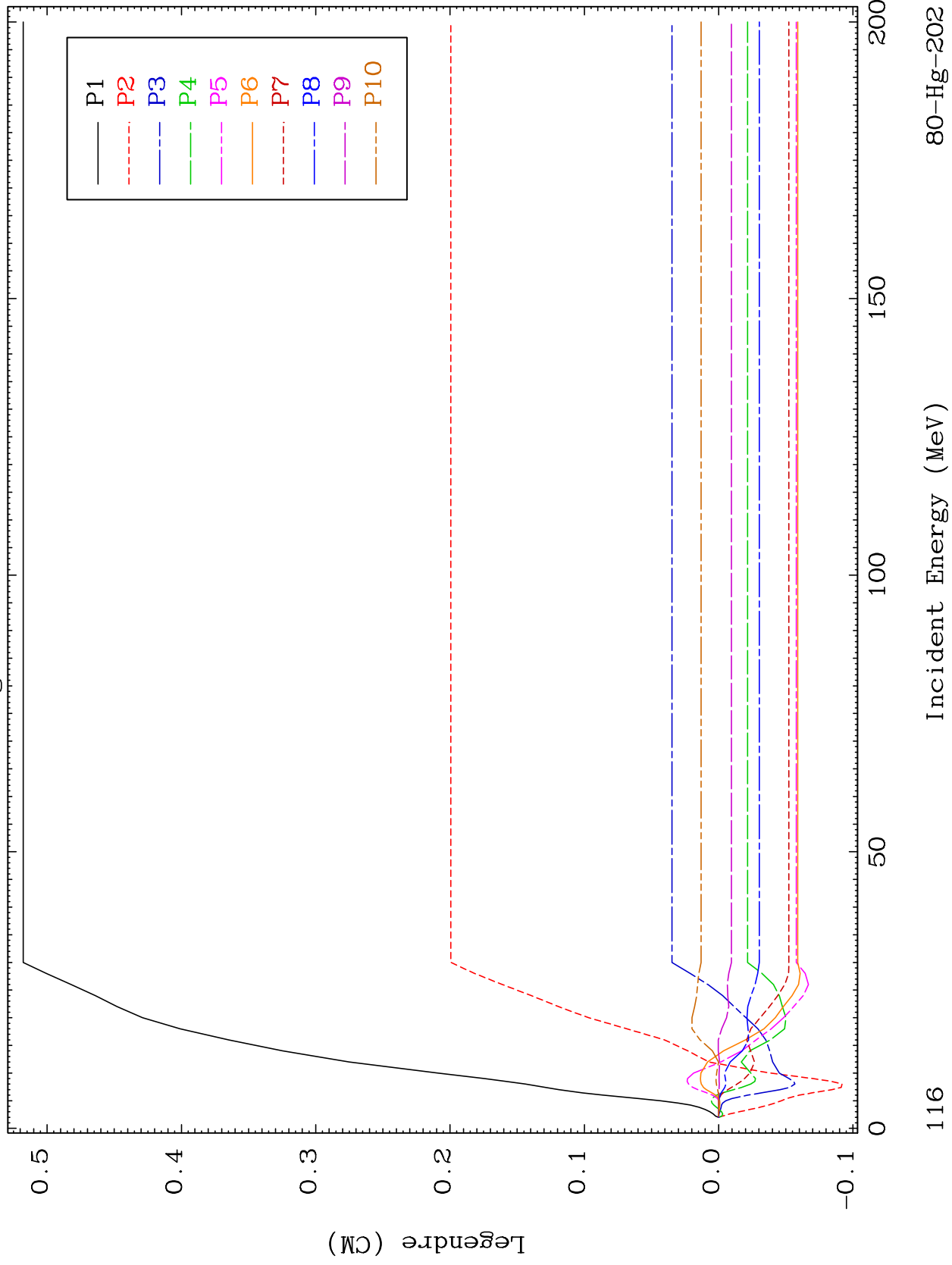
Incident Energy (MeV)

115

MAT 8043

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

80-Hg-202



116

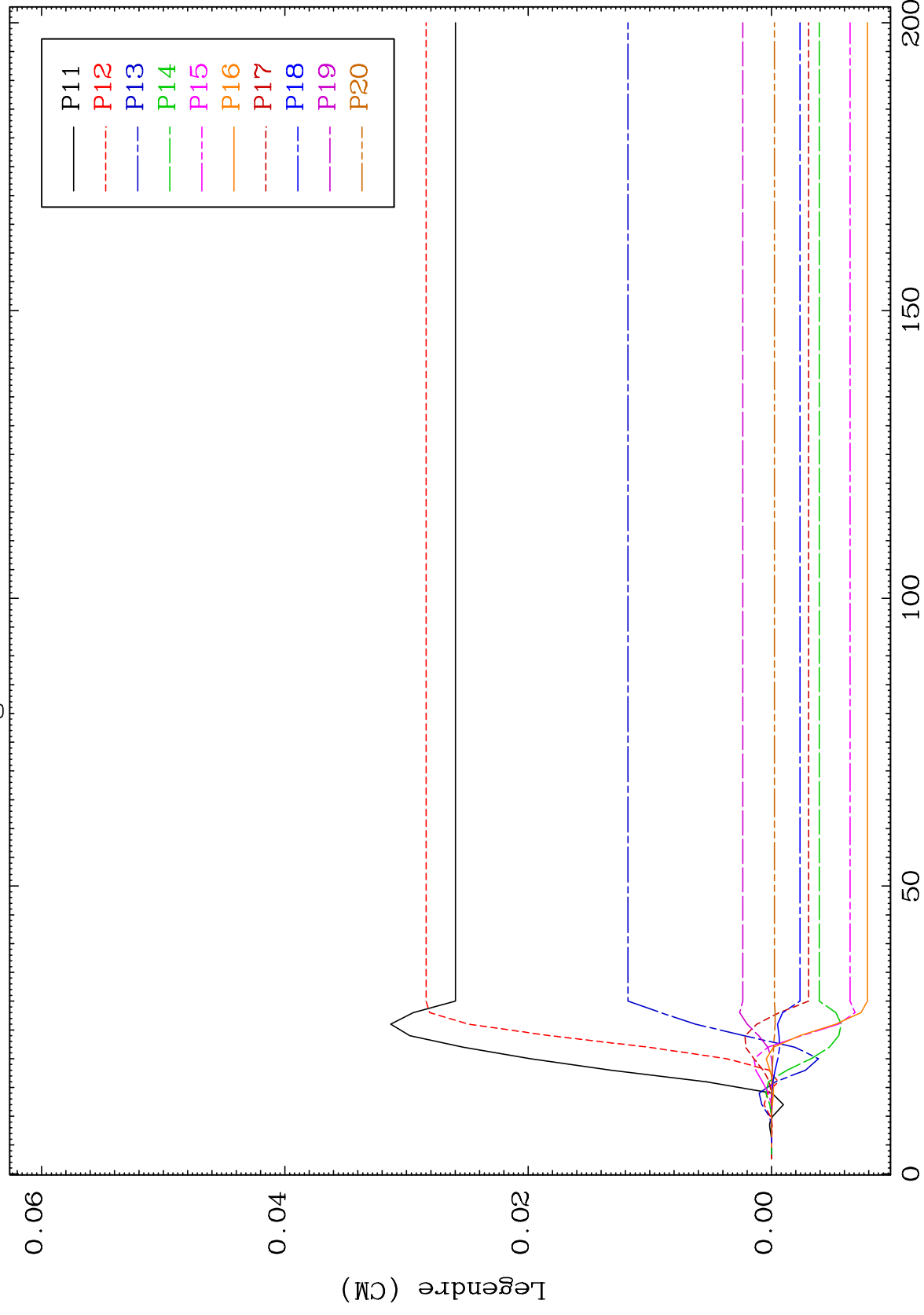
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



117

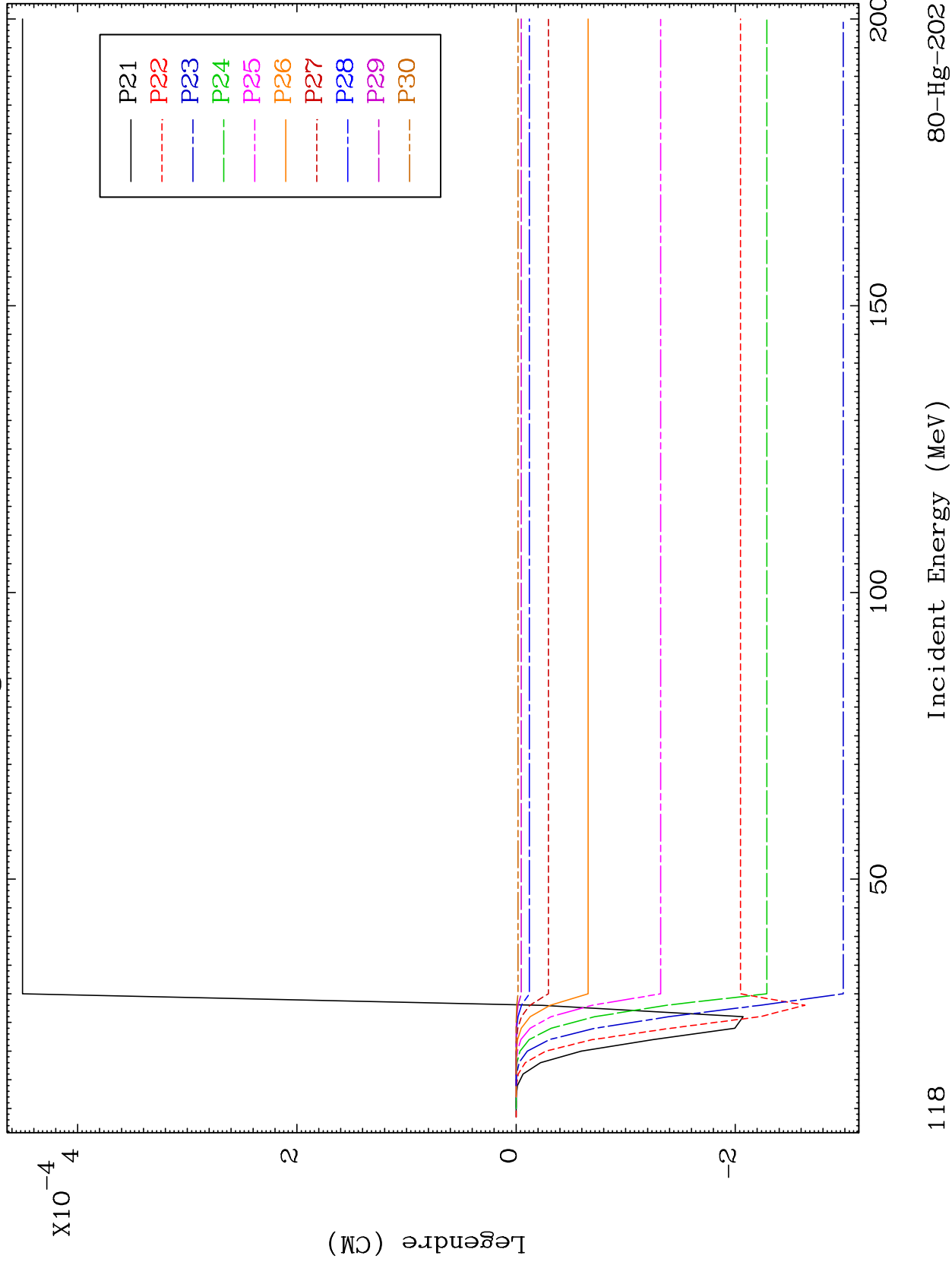
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

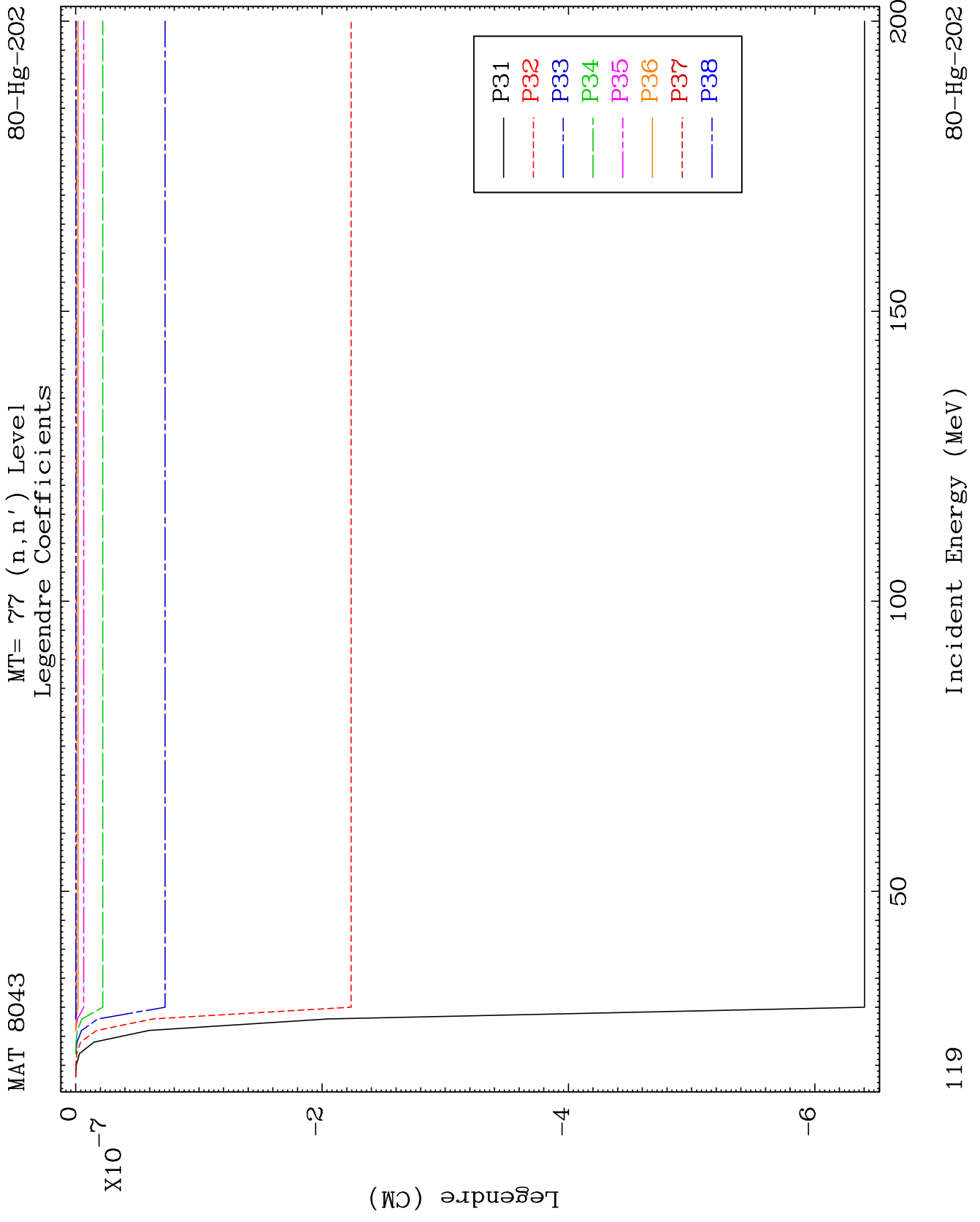
80-Hg-202



118

Incident Energy (MeV)

80-Hg-202



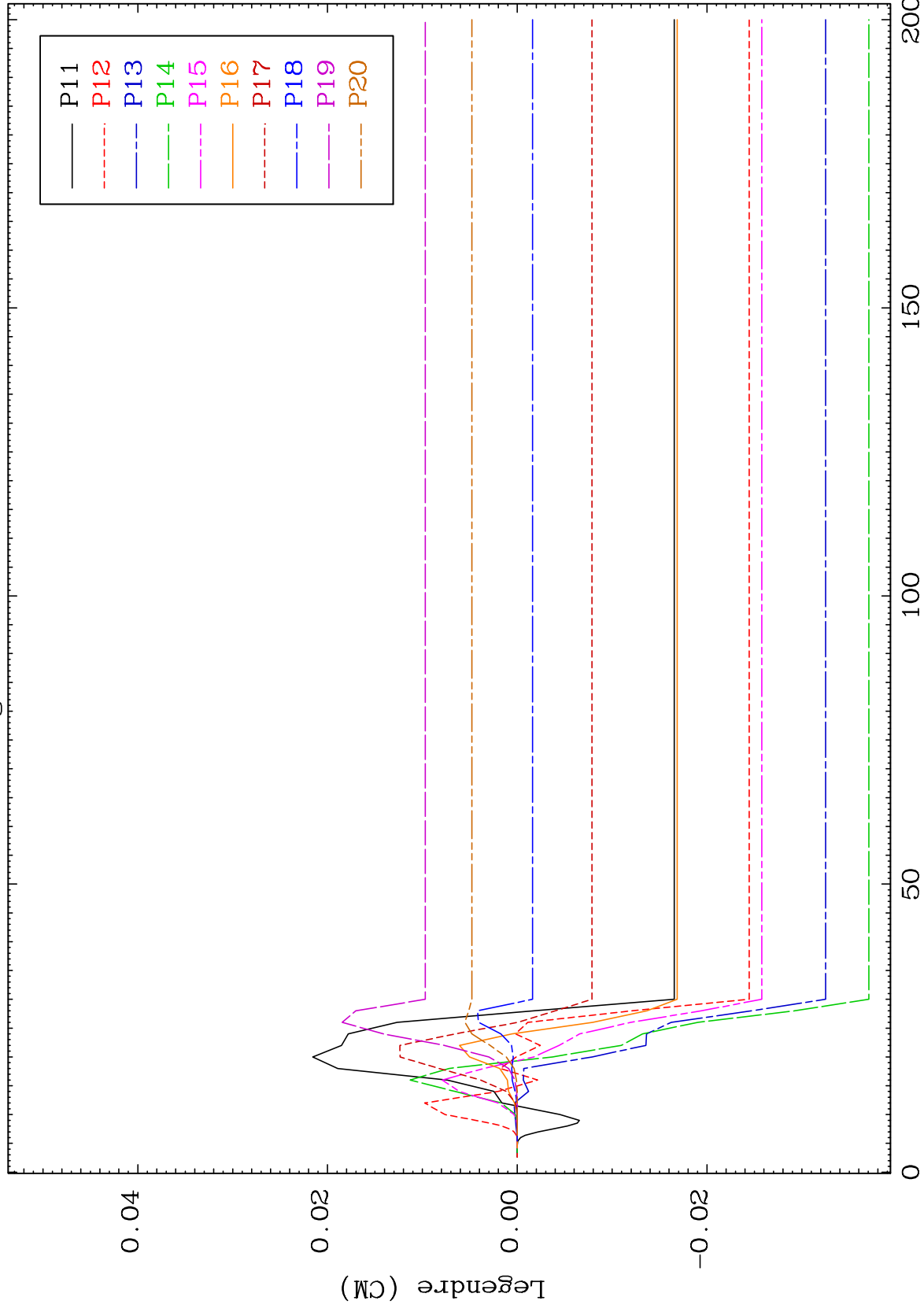




MAT 8043

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

80-Hg-202



121

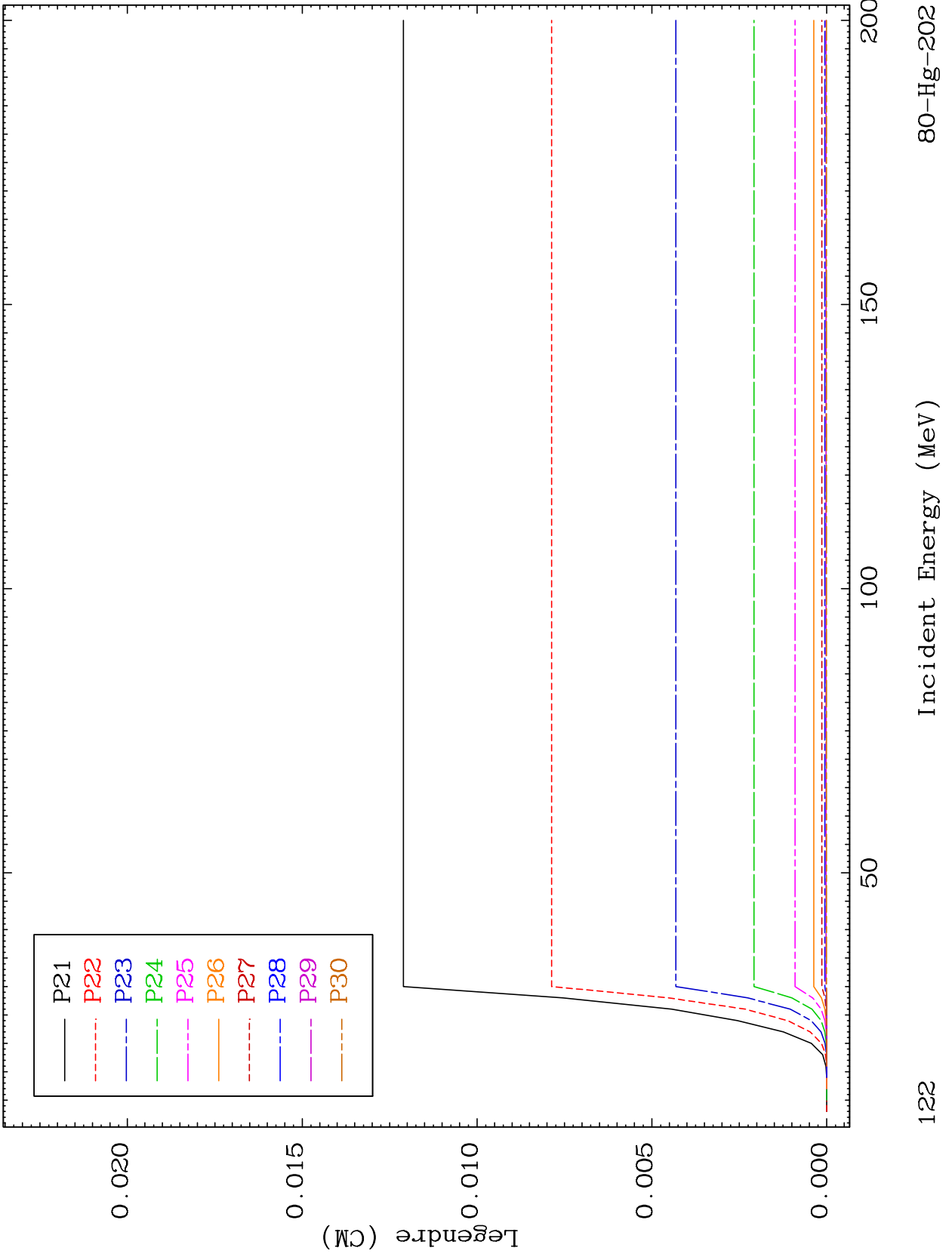
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

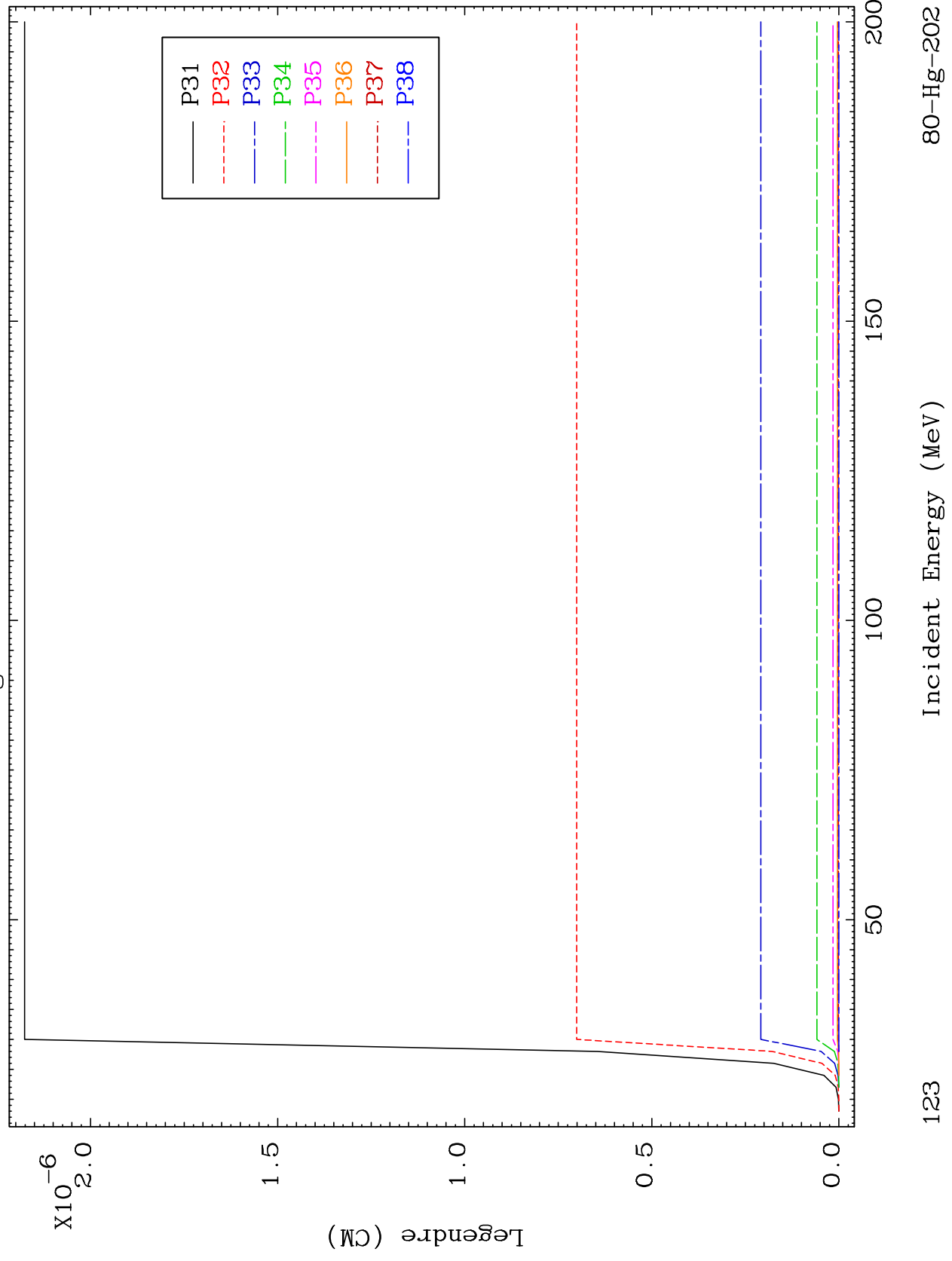
80-Hg-202



MAT 8043

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

80-Hg-202



123

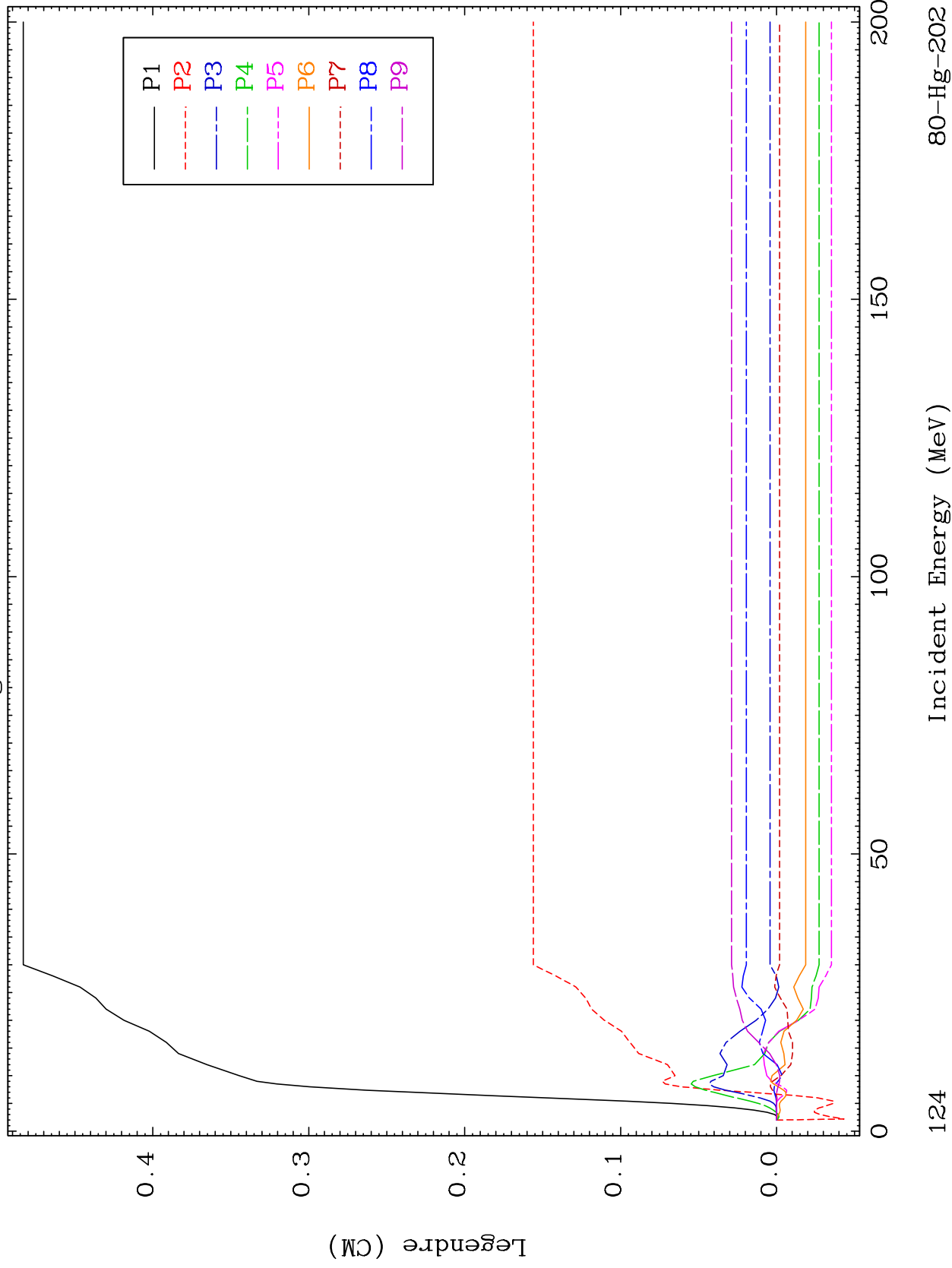
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



80-Hg-202

Incident Energy (MeV)

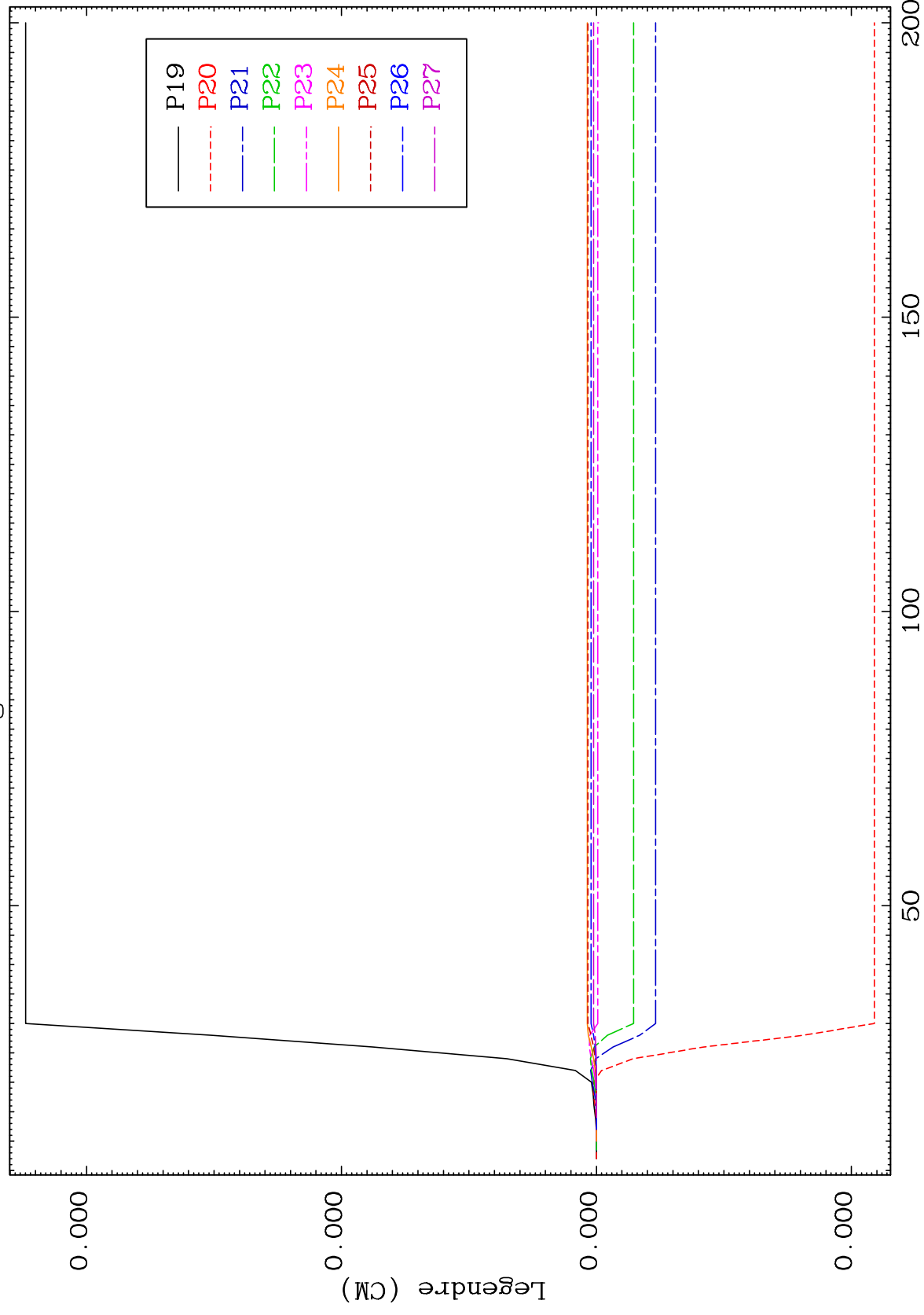
124



MAT 8043

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

80-Hg-202



126

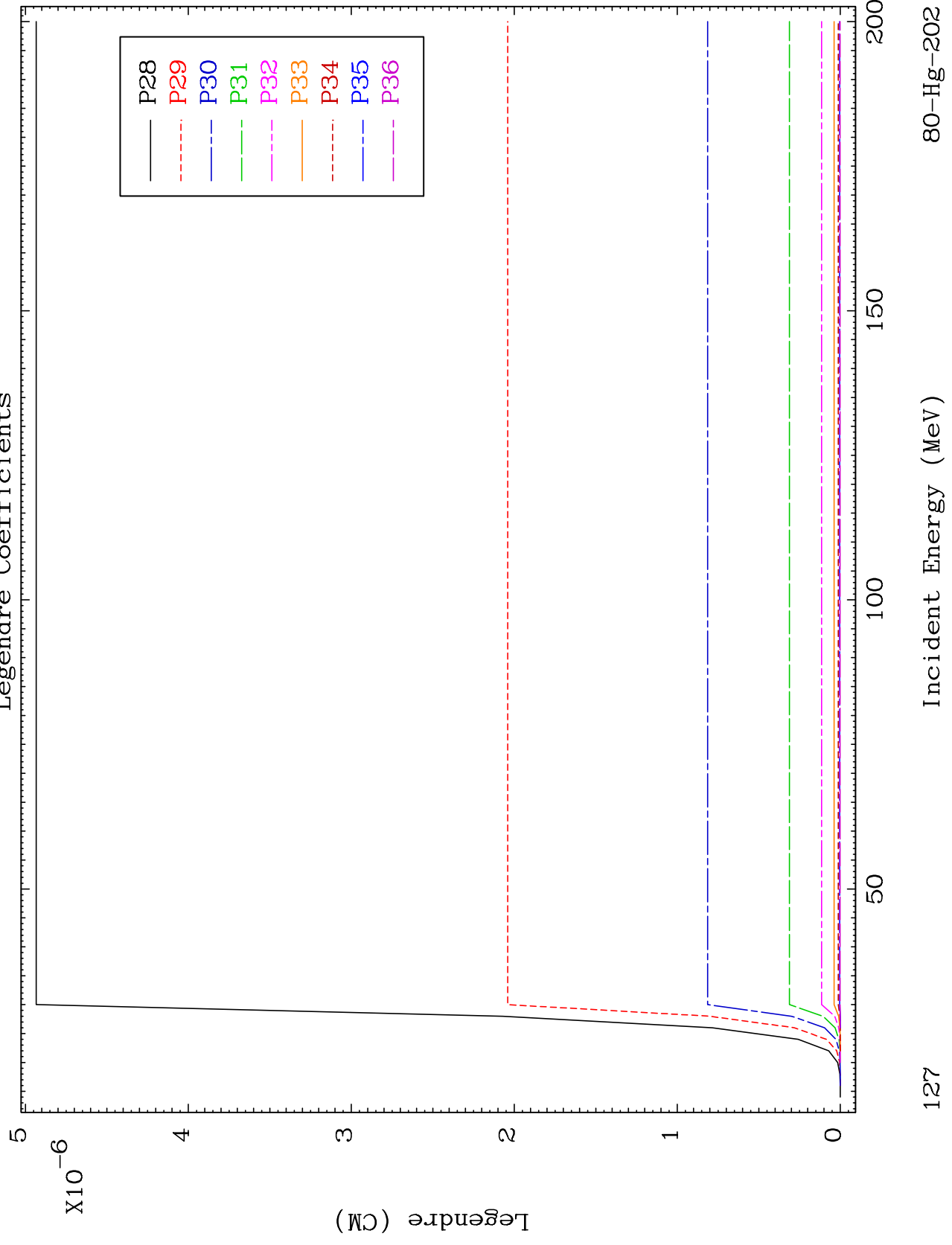
Incident Energy (MeV)

80-Hg-202

MAT 8043

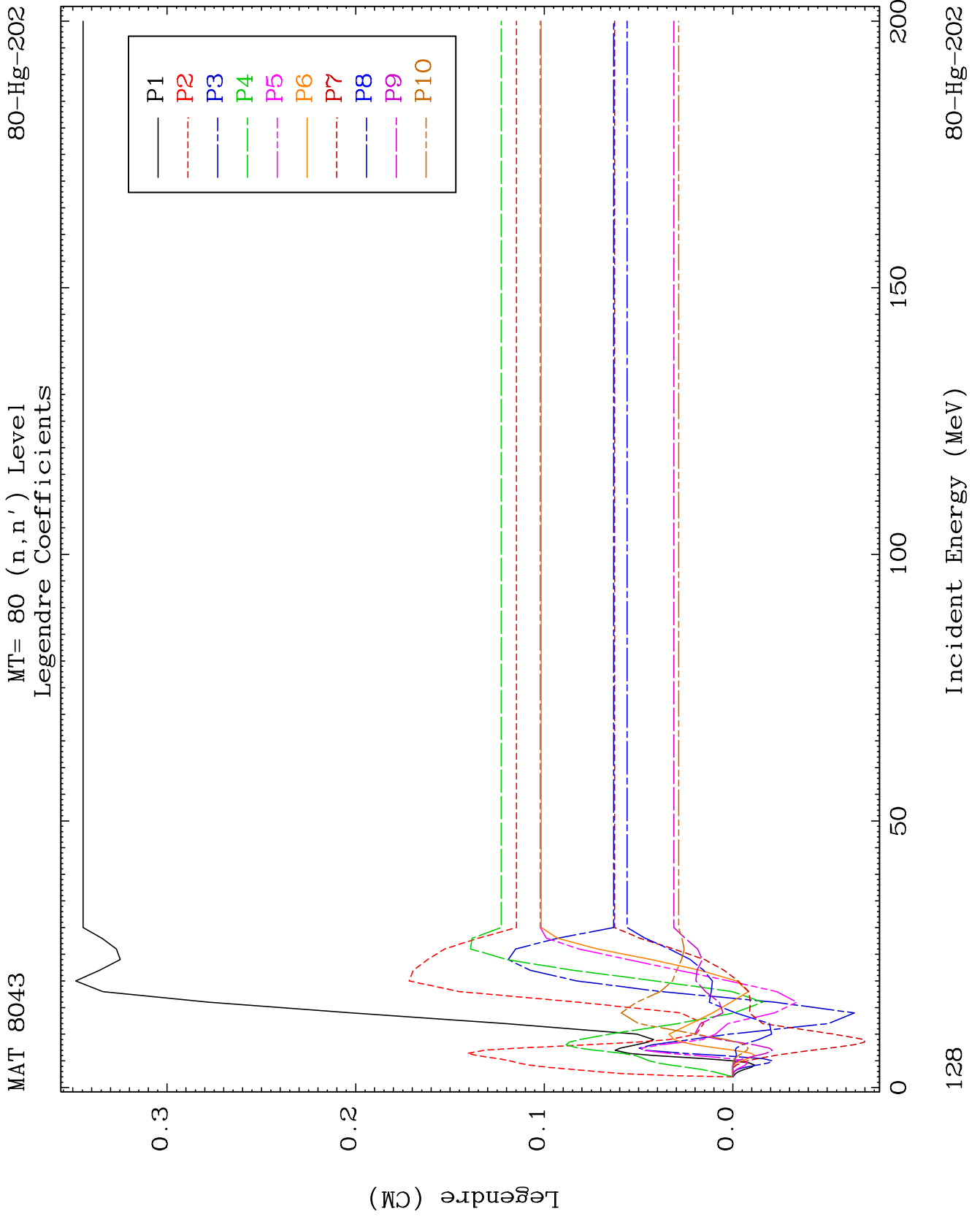
MT= 79 (n,n') Level  
Legendre Coefficients

80-Hg-202



127





80-Hg-202

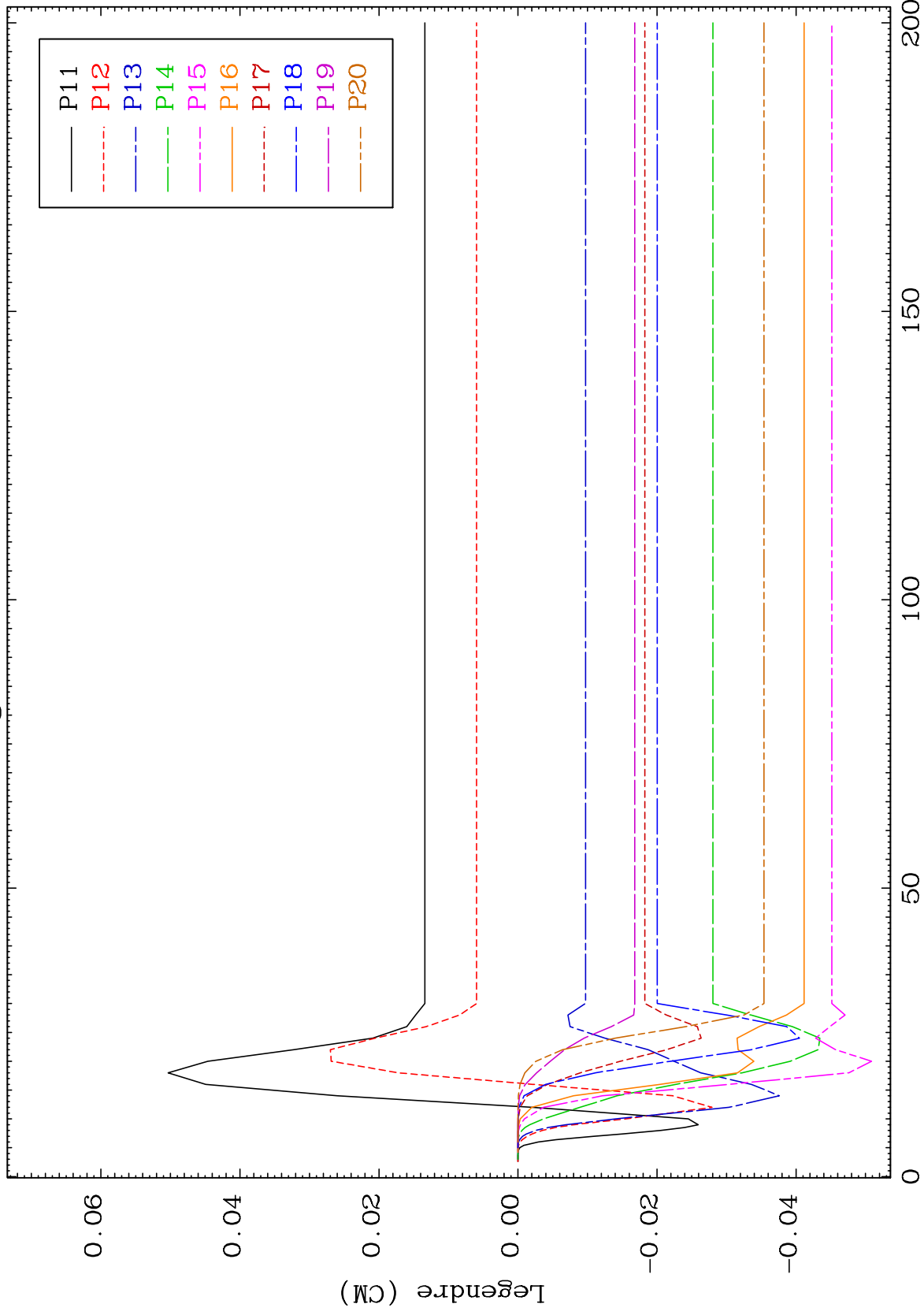
Incident Energy (MeV)

128

MAT 8043

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

80-Hg-202



129

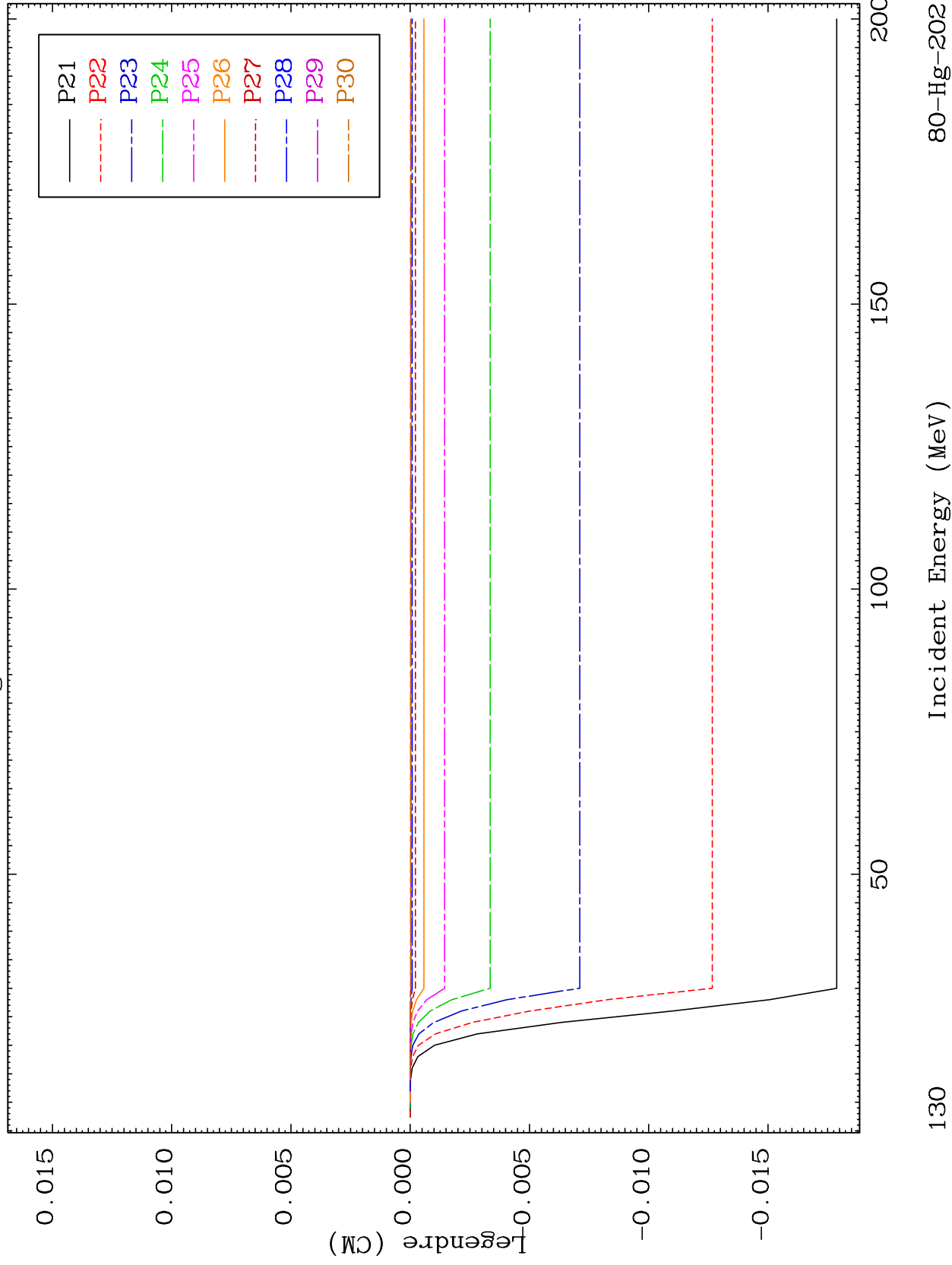
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

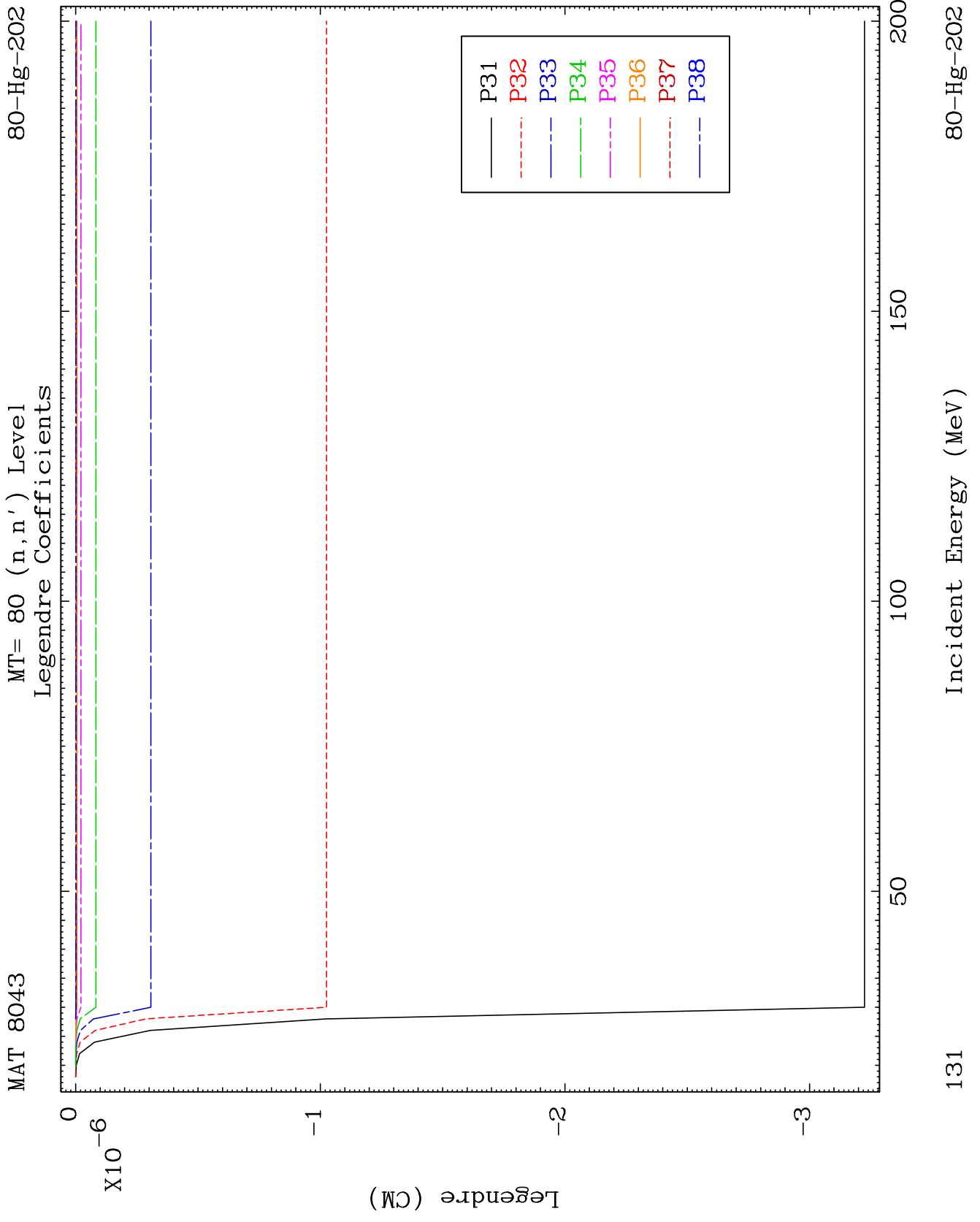
80-Hg-202



130

Incident Energy (MeV)

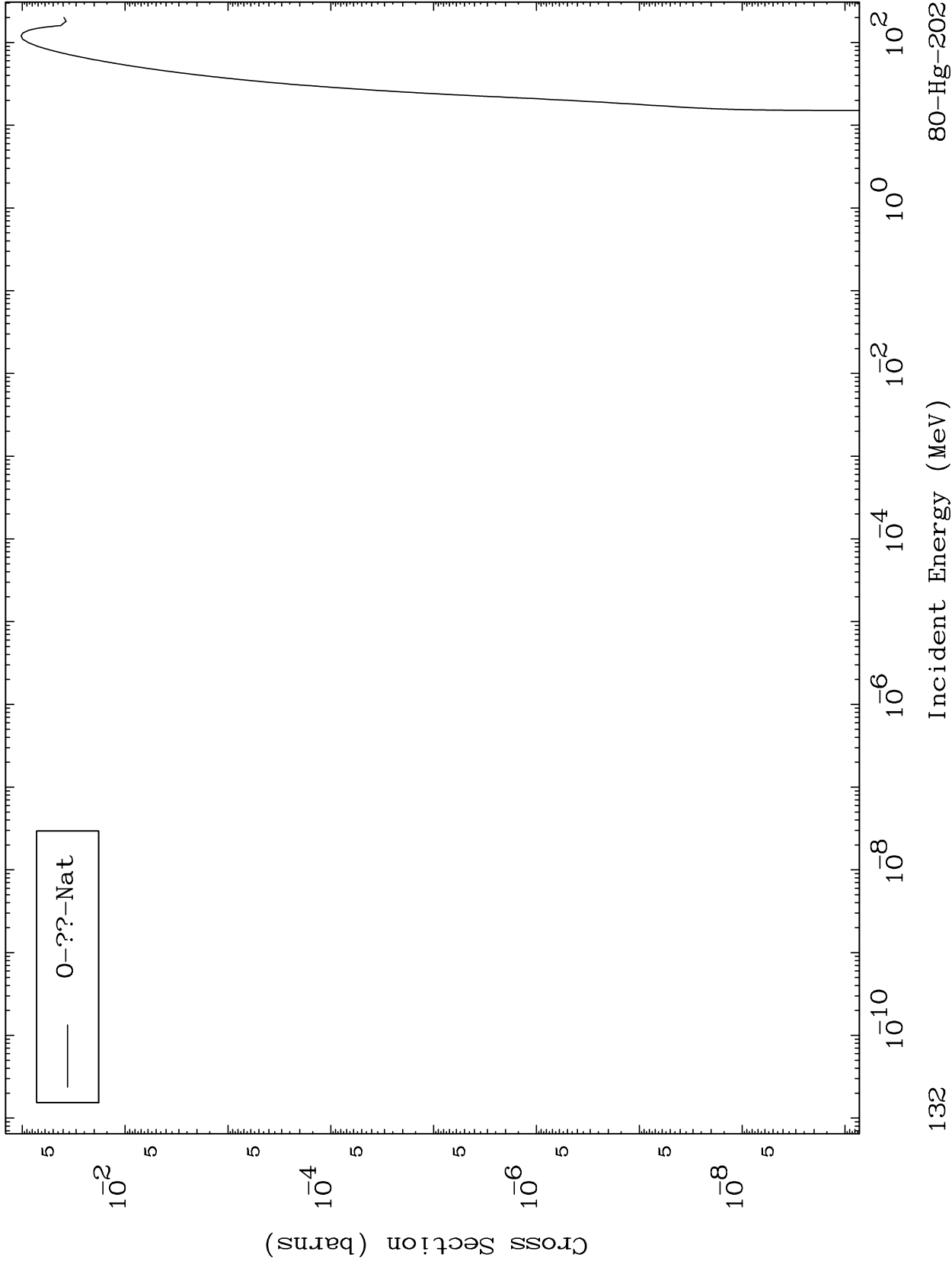
80-Hg-202



MAT 8043

Fission  
Radionuclide Production Cross Section

80-Hg-202

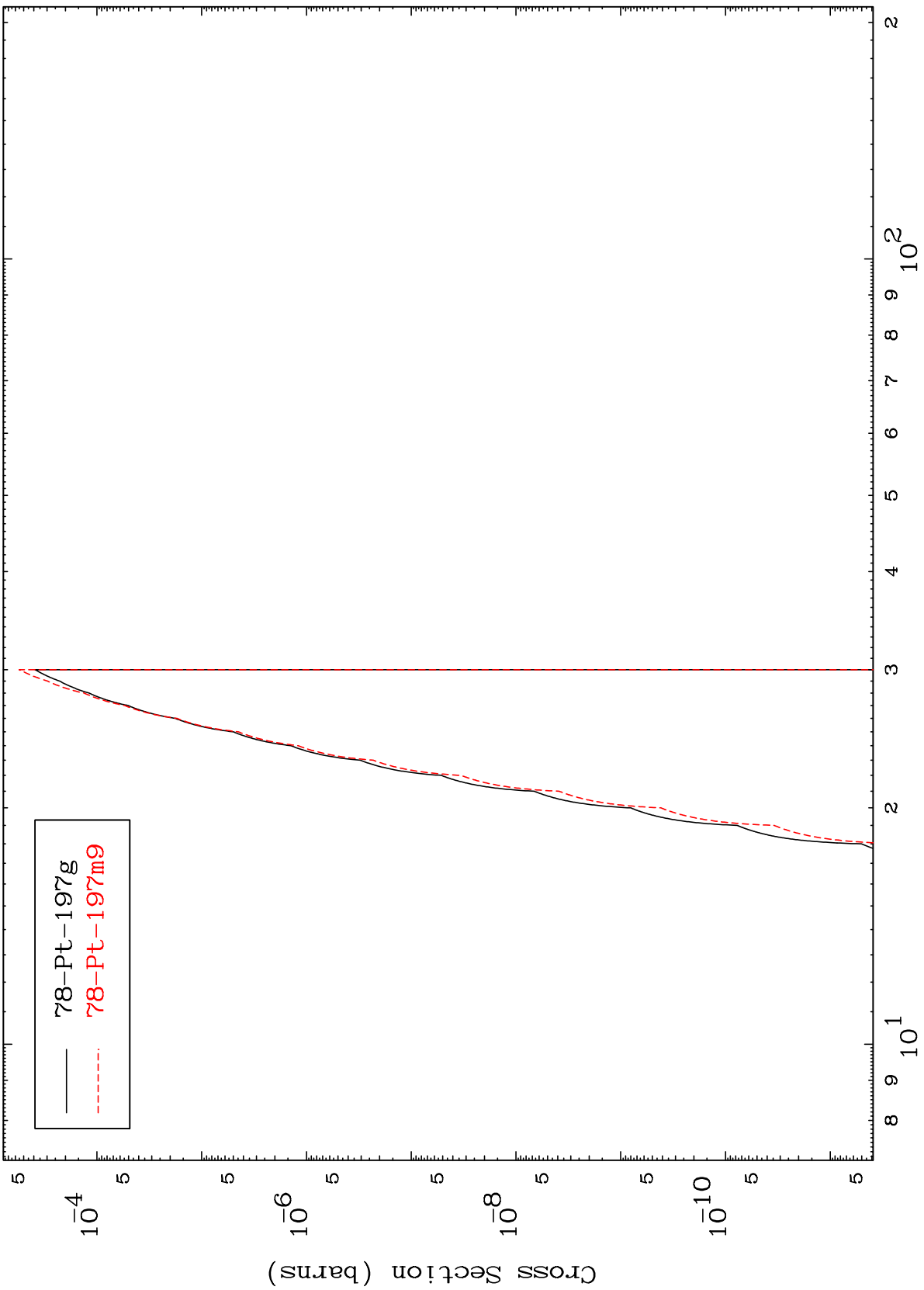


MAT 8043

$(n,2n) \alpha$

80-Hg-202

Radionuclide Production Cross Section



78-Pt-197g  
78-Pt-197m9

133

Incident Energy (MeV)

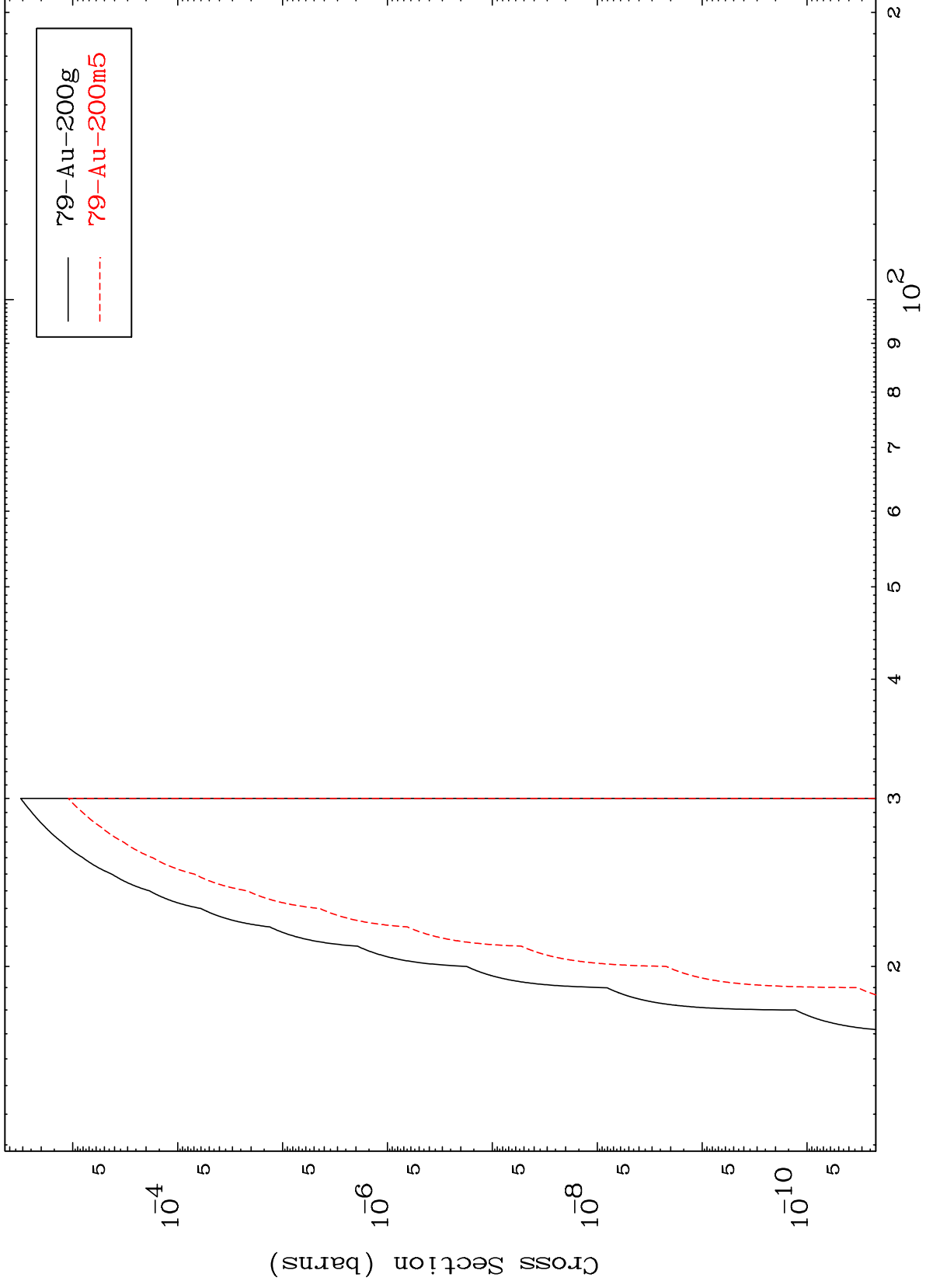
80-Hg-202

MAT 8043

(n,n') d

80-Hg-202

Radionuclide Production Cross Section



134

Incident Energy (MeV)

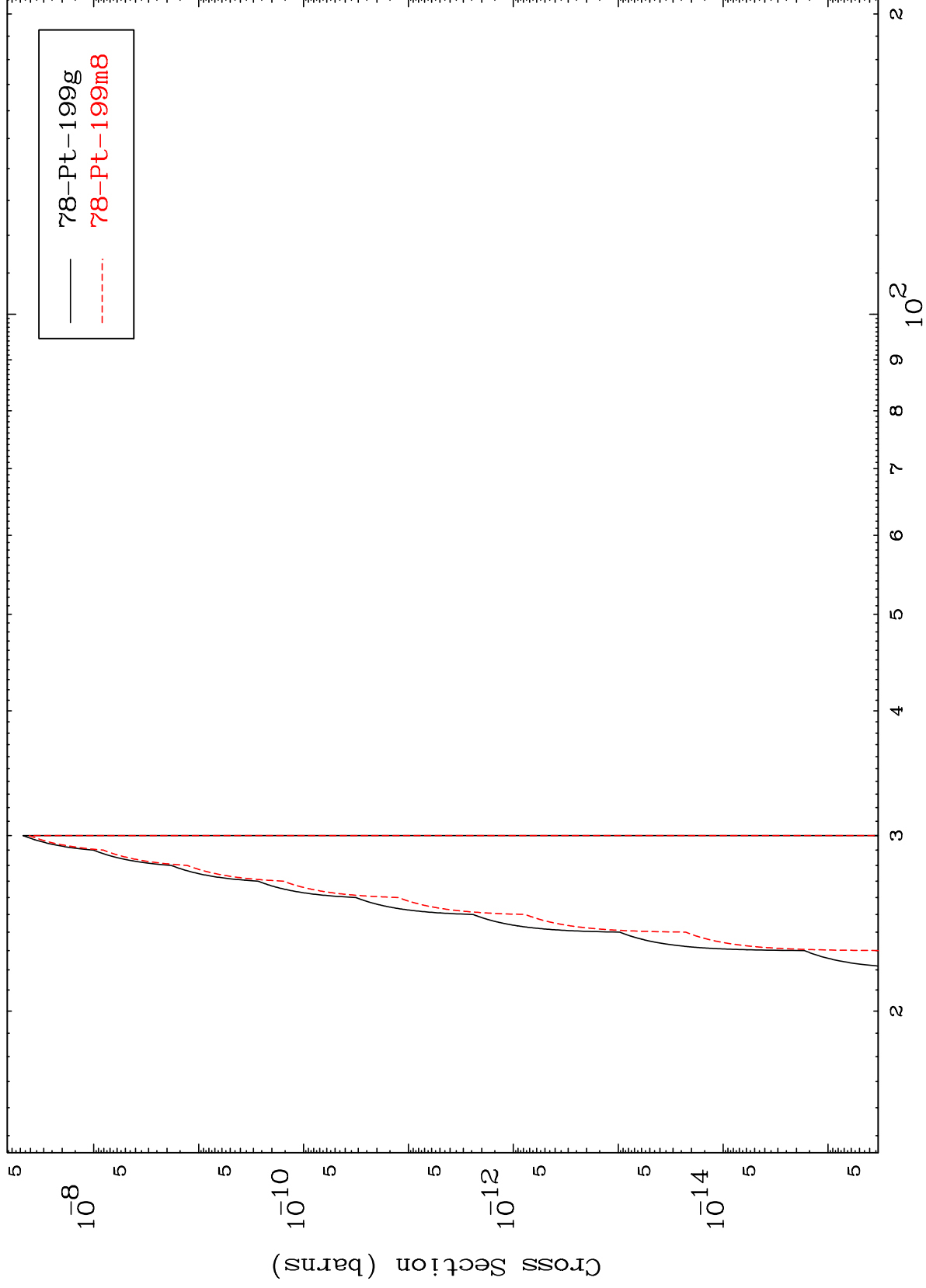
80-Hg-202

MAT 8043

(n,n') He-3

80-Hg-202

Radionuclide Production Cross Section



135

Incident Energy (MeV)

80-Hg-202

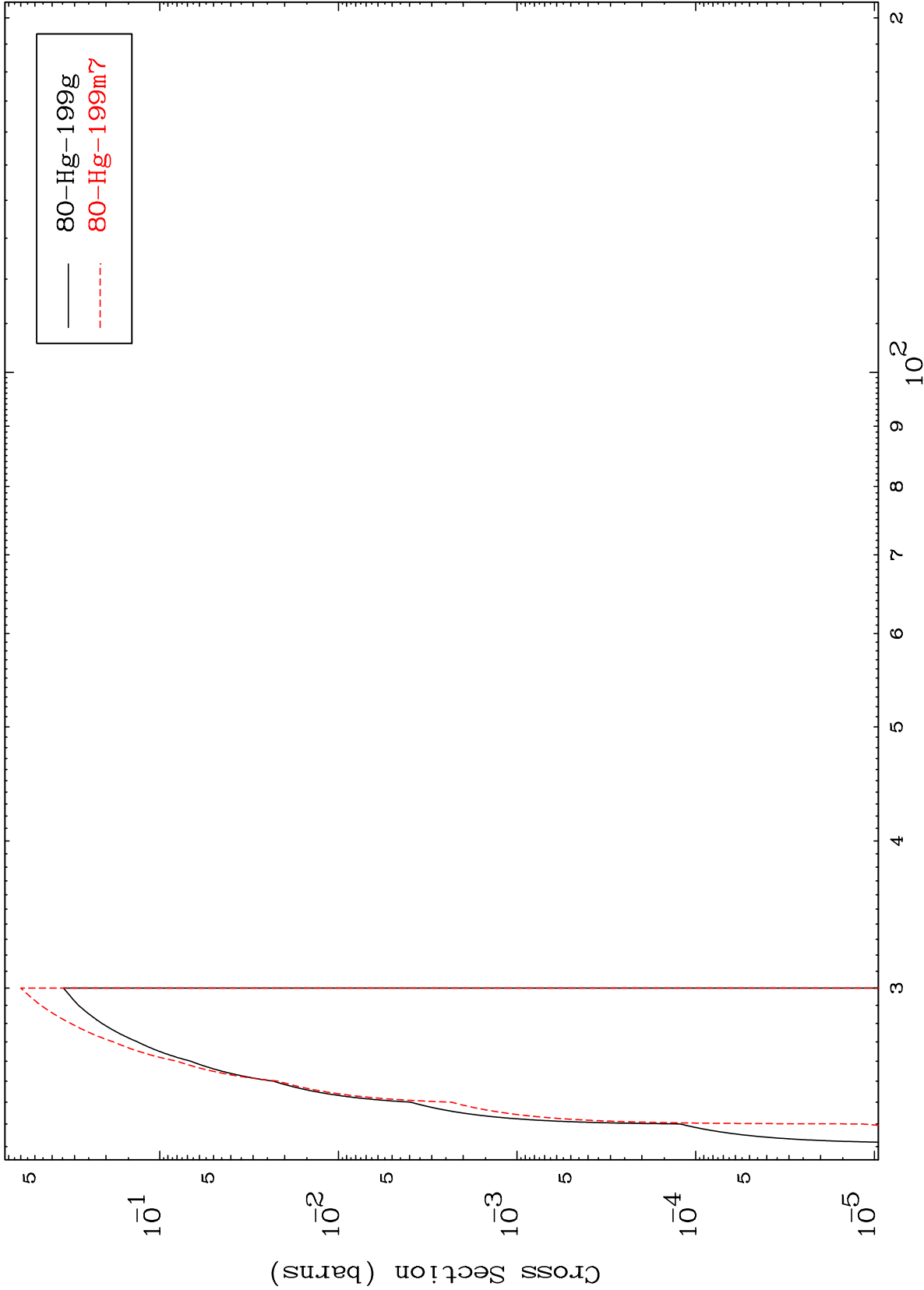


MAT 8043

(n,4n)

80-Hg-202

Radionuclide Production Cross Section



80-Hg-199g  
80-Hg-199m7

136

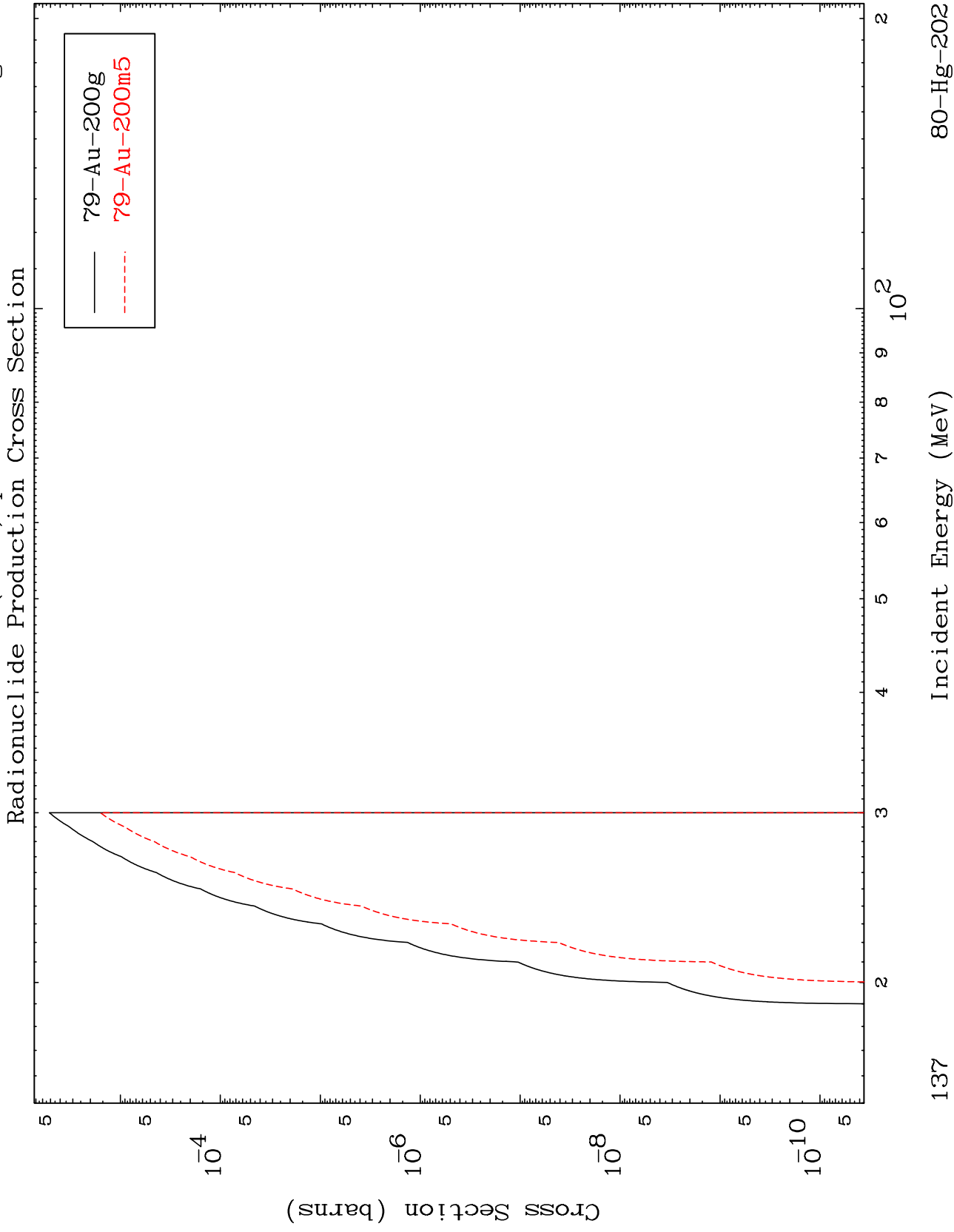
Incident Energy (MeV)

80-Hg-202

MAT 8043

(n,2n) p

80-Hg-202



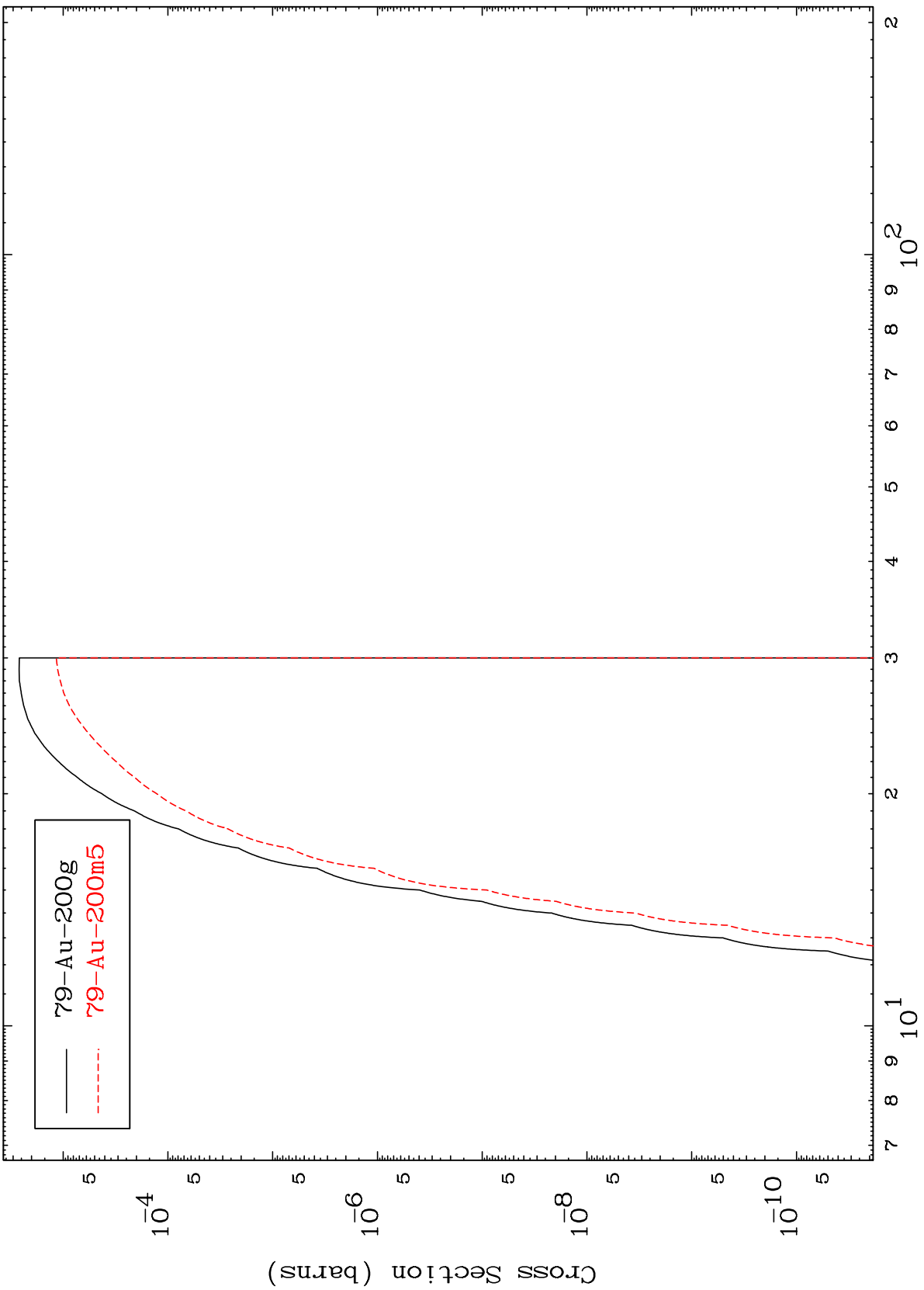
137

80-Hg-202

MAT 8043

80-Hg-202

(n, t)  
Radionuclide Production Cross Section



138

Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202

