

Program EVALPLOT  
(Version 2017-1)

by

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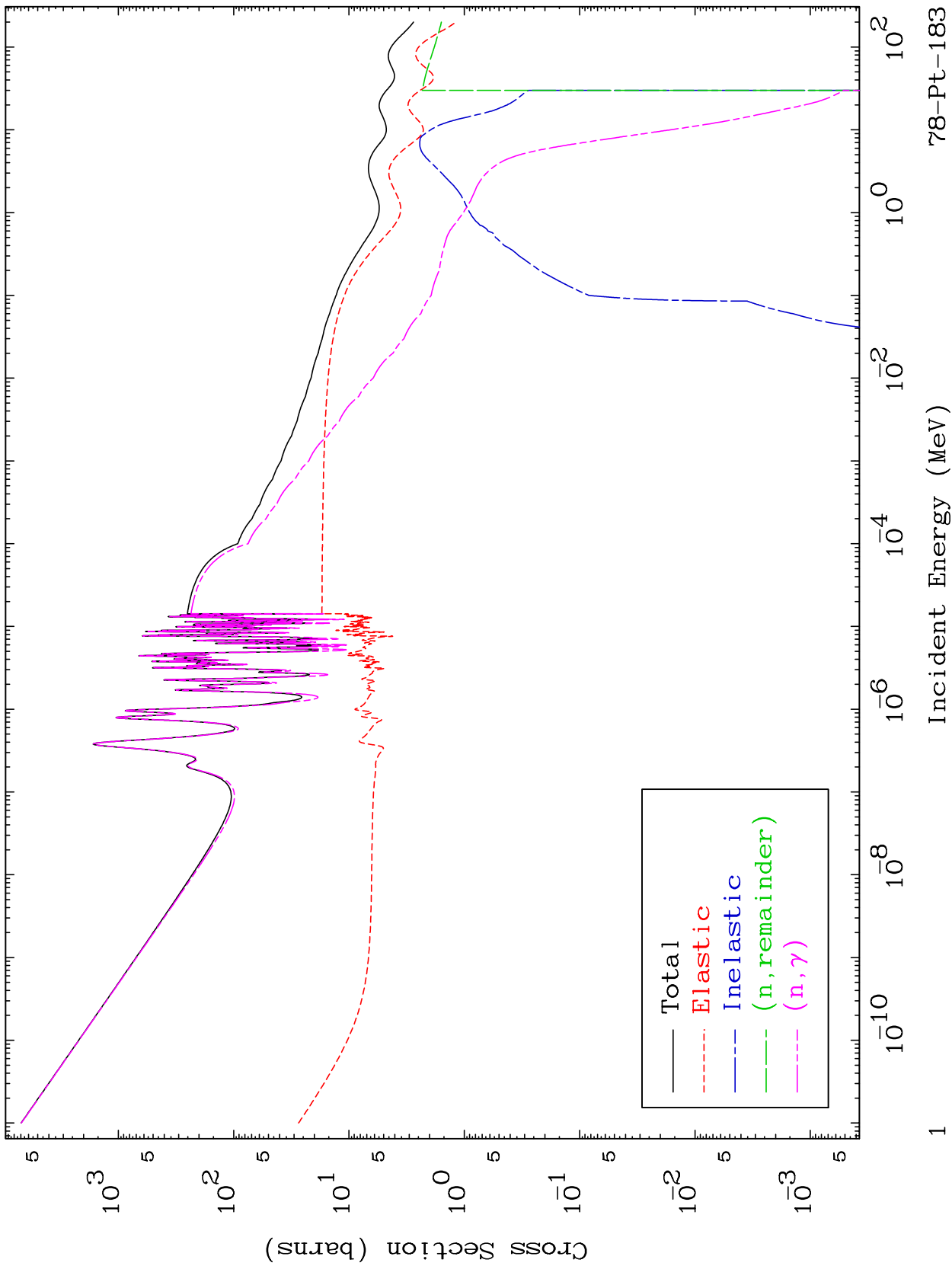
Press Mouse Button to Start

MAT 7804

Major

293 Kelvin Cross Sections

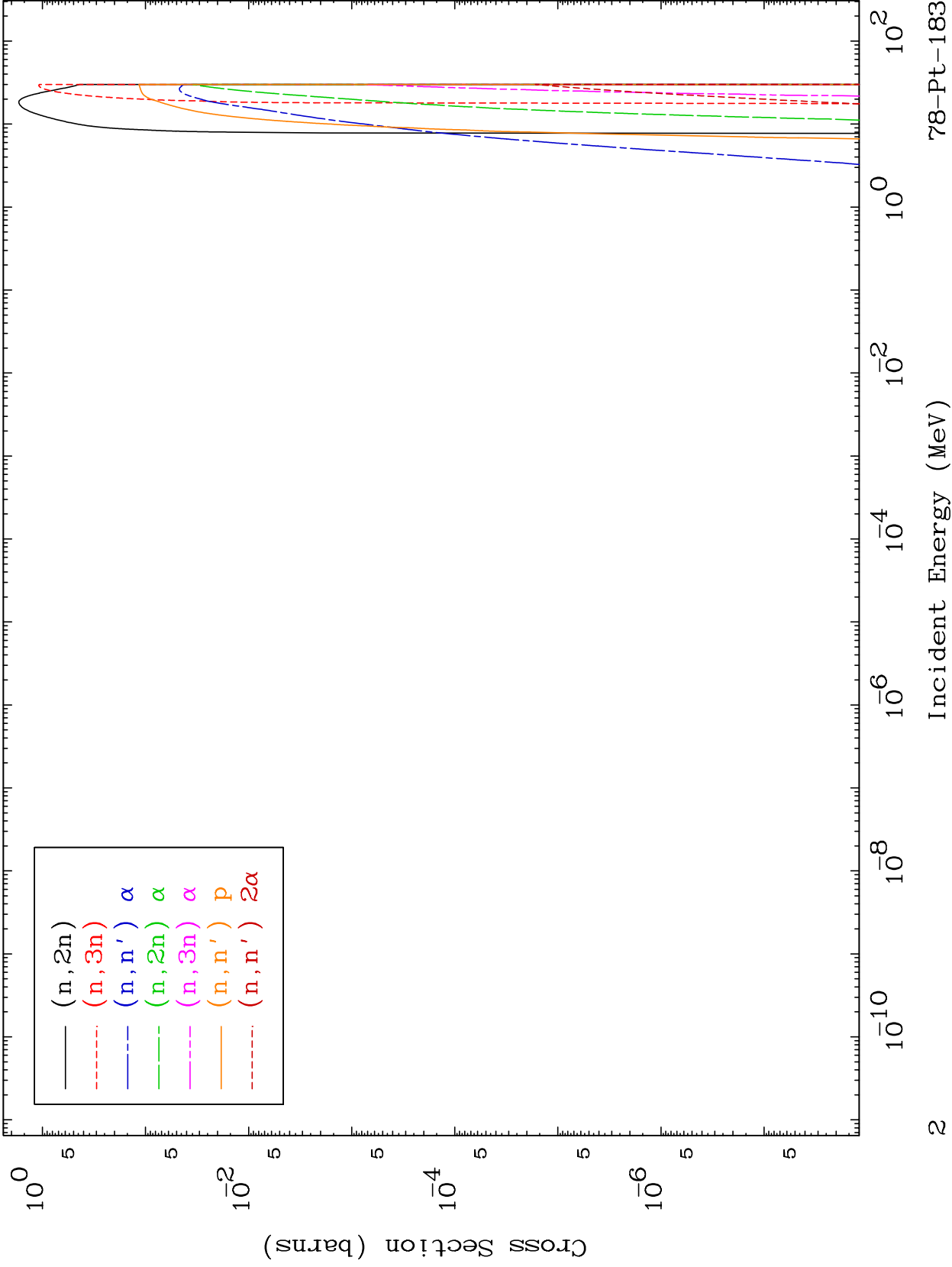
78-Pt-183



MAT 7804

Neutron Production  
293 Kelvin Cross Sections

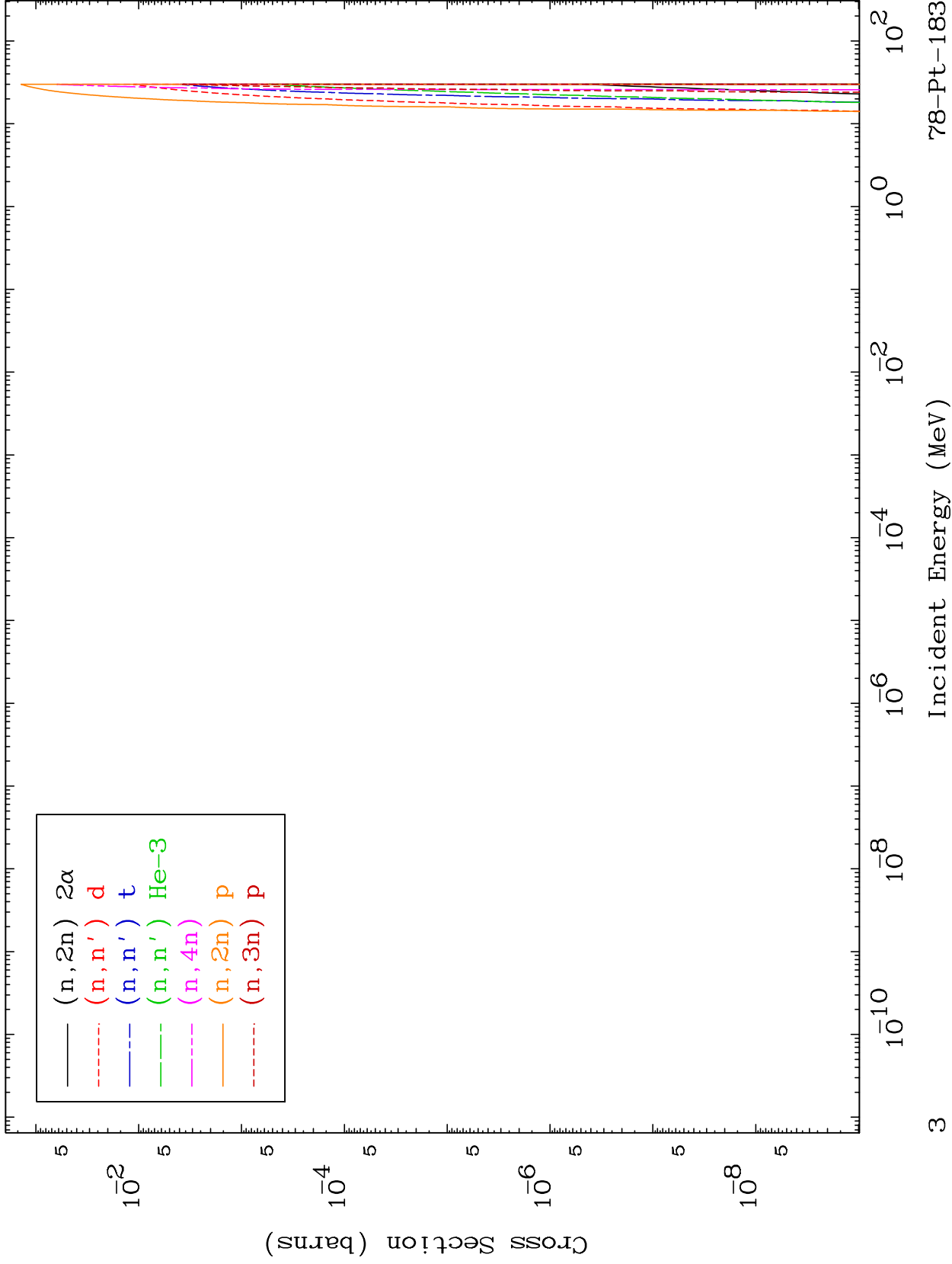
78-Pt-183



MAT 7804

Neutron Production  
293 Kelvin Cross Sections

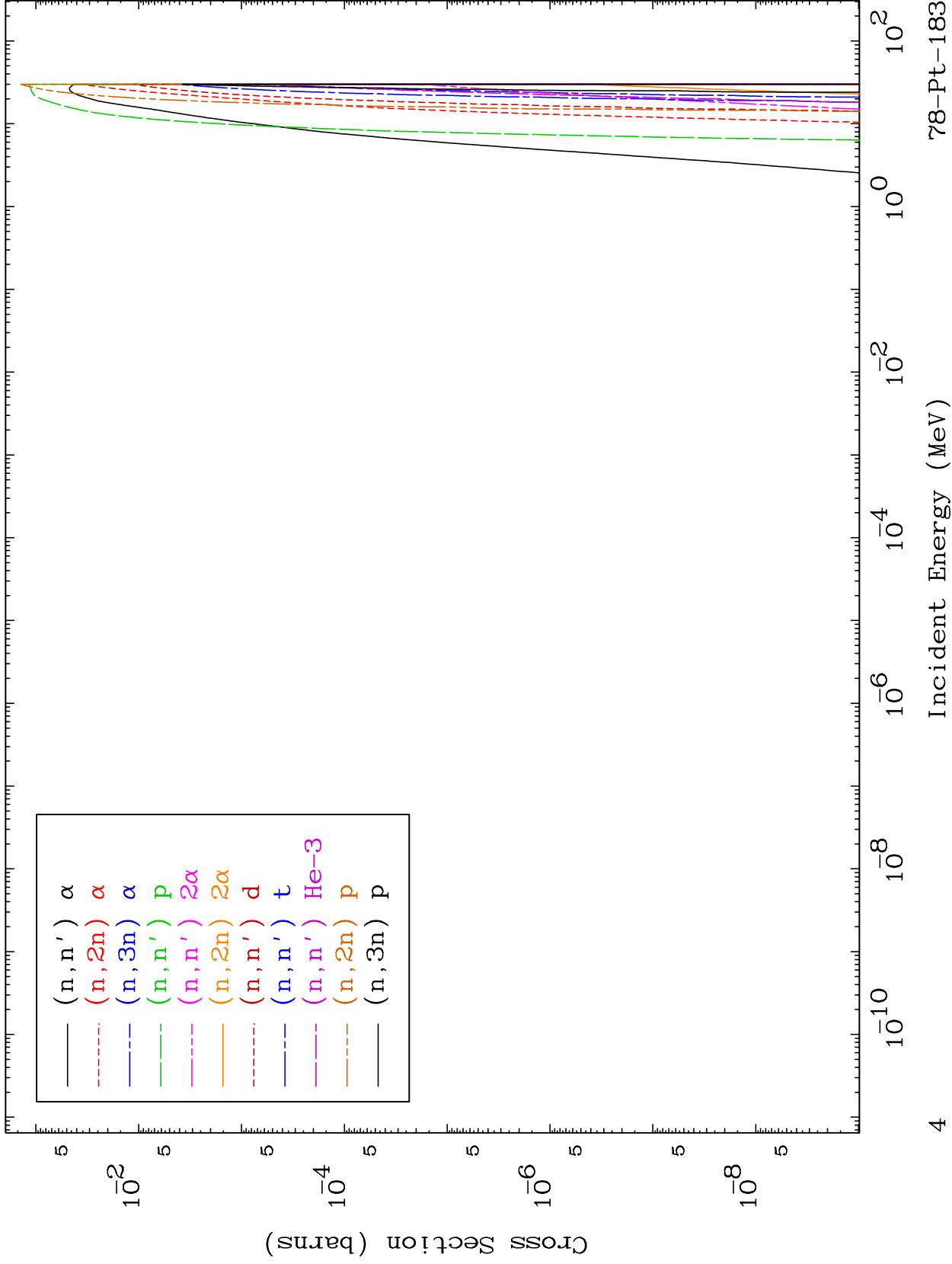
78-Pt-183



MAT 7804

Charged Particle  
293 Kelvin Cross Sections

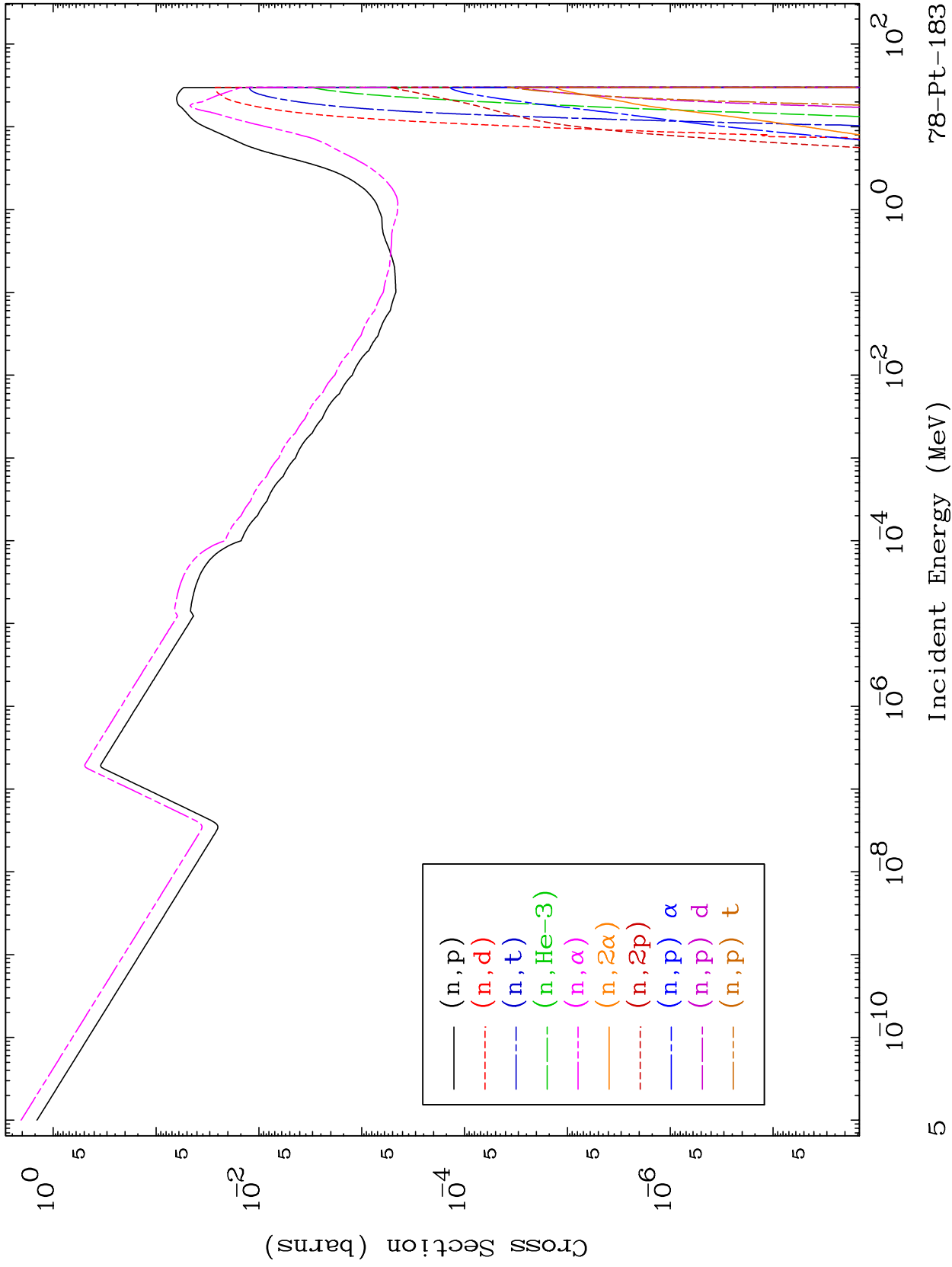
78-Pt-183



MAT 7804

Charged Particle  
293 Kelvin Cross Sections

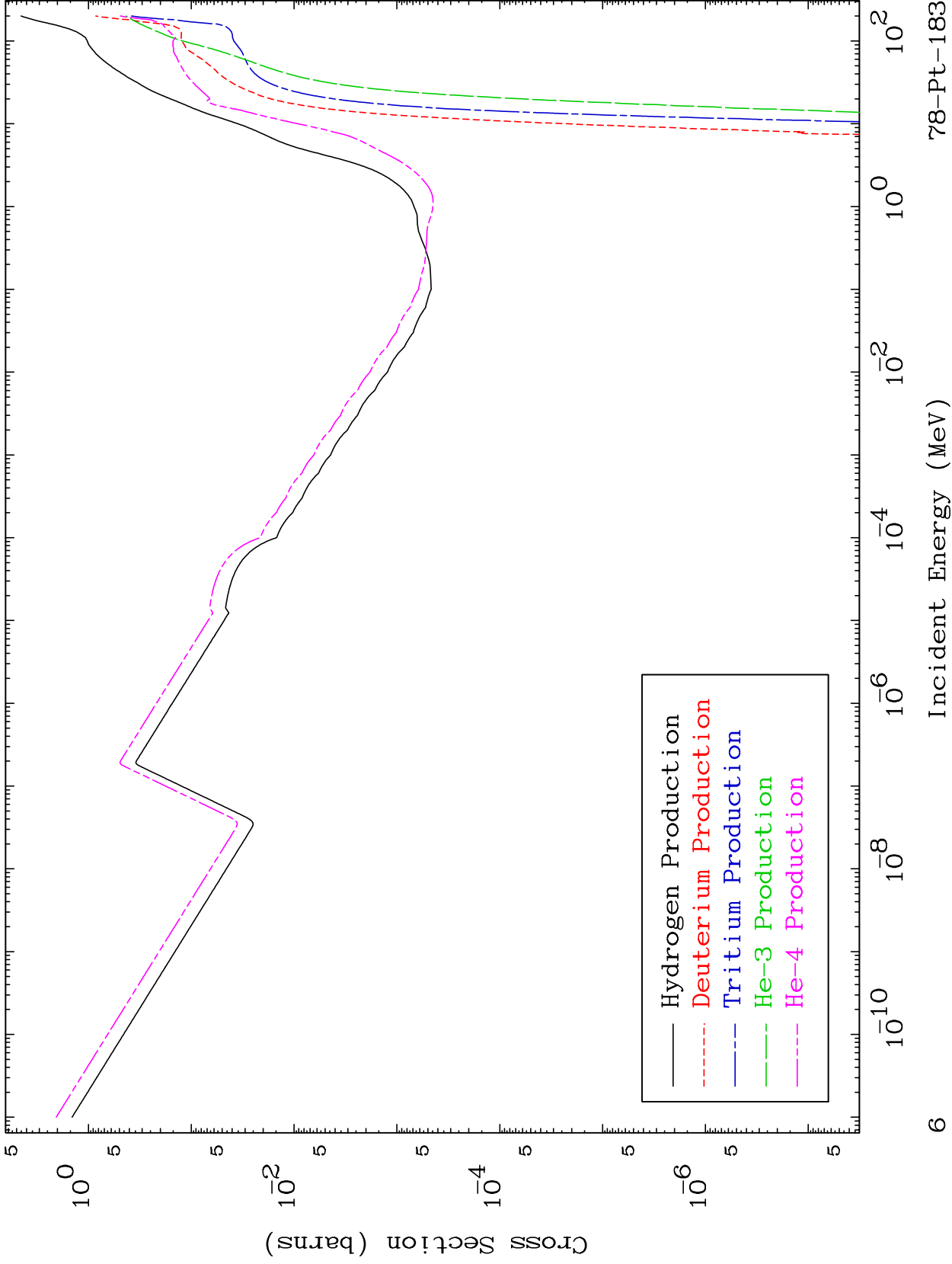
78-Pt-183



MAT 7804

Particle Production  
293 Kelvin Cross Sections

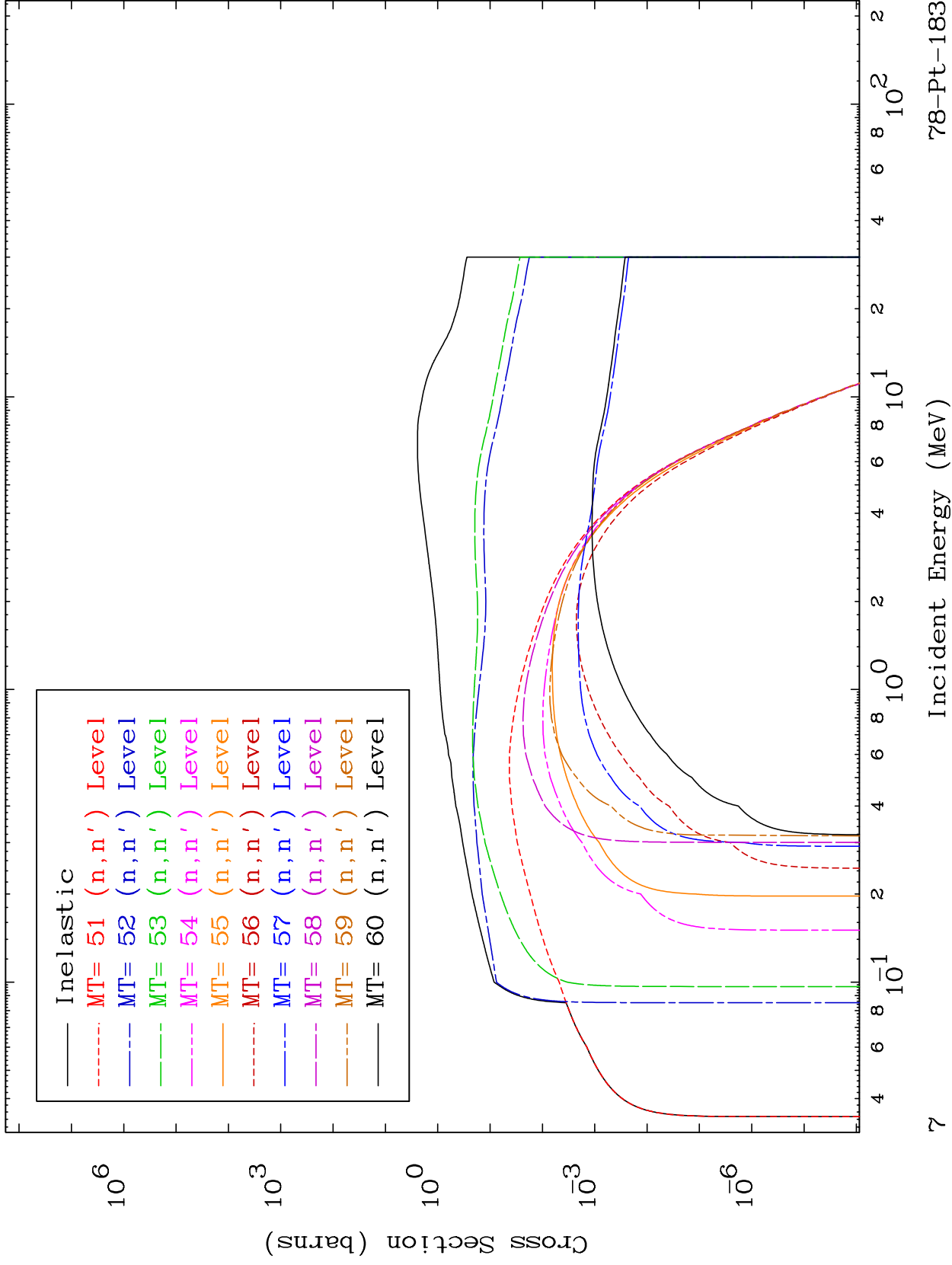
78-Pt-183



MAT 7804

(n,n') Level  
293 Kelvin Cross Sections

78-Pt-183



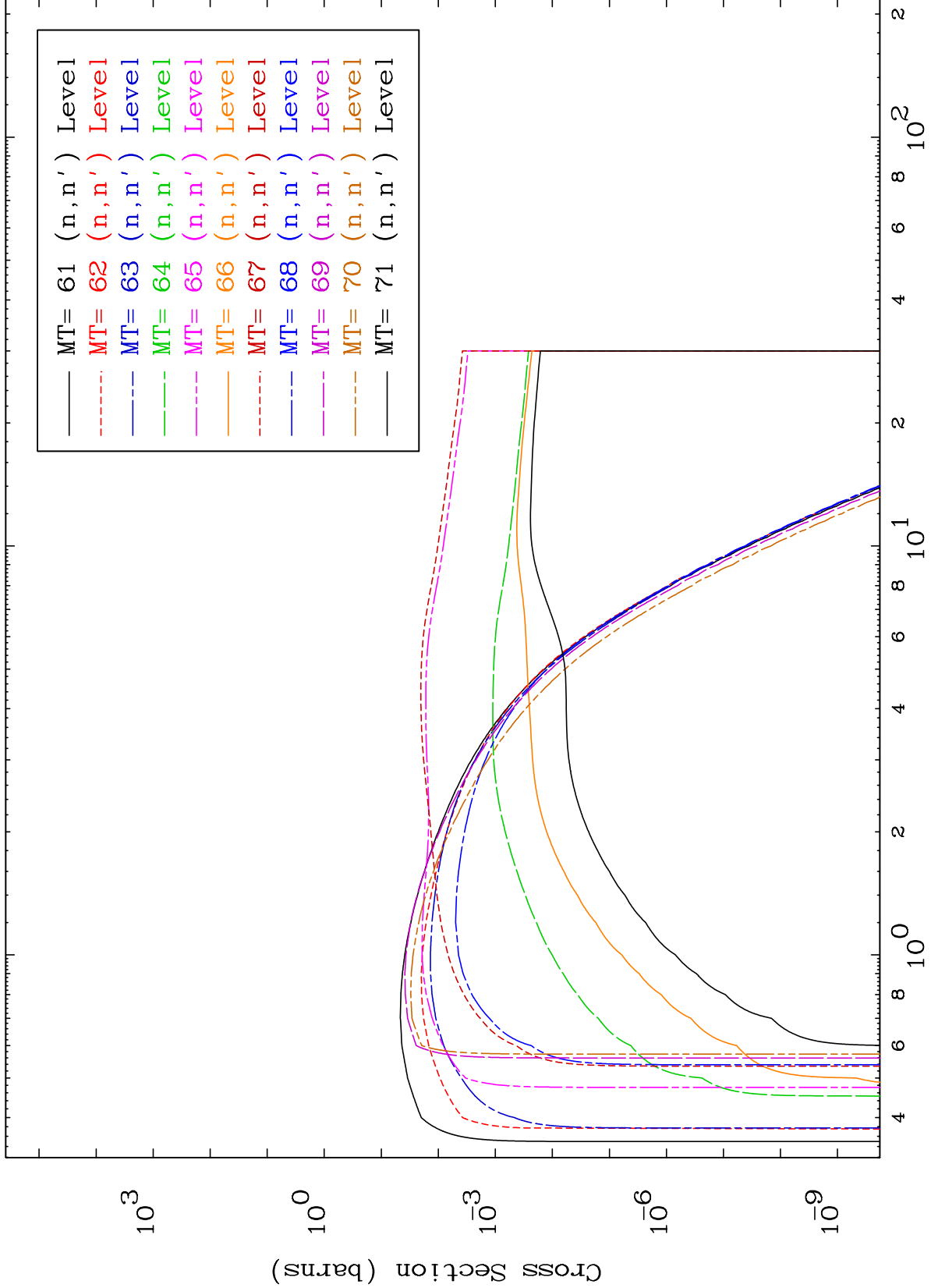


MAT 7804

(n,n') Level

78-Pt-183

293 Kelvin Cross Sections



8

Incident Energy (MeV)

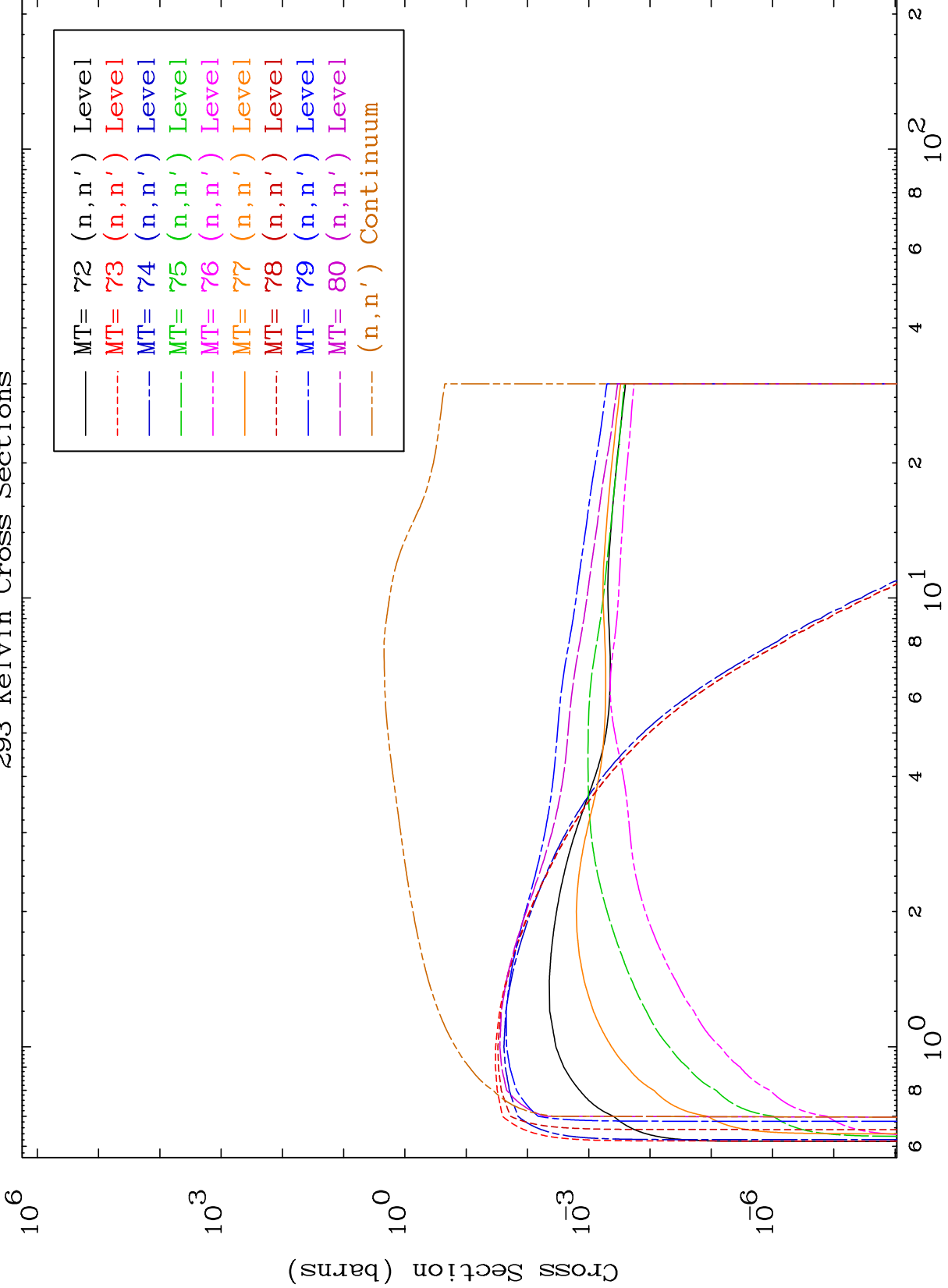
78-Pt-183

MAT 7804

(n,n') Level

78-Pt-183

293 Kelvin Cross Sections



9

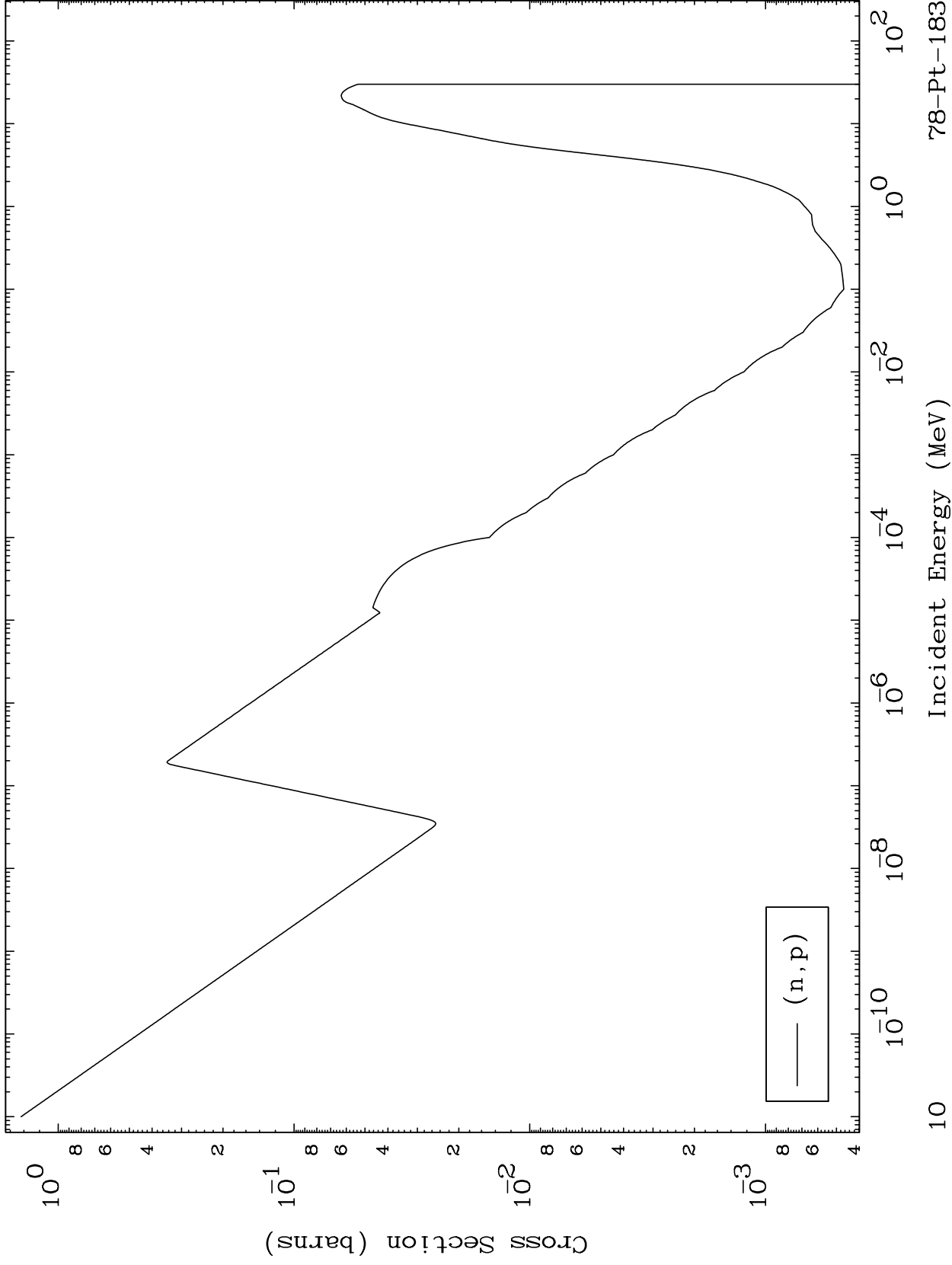
Incident Energy (MeV)

78-Pt-183

MAT 7804

(n,p) Levels  
293 Kelvin Cross Sections

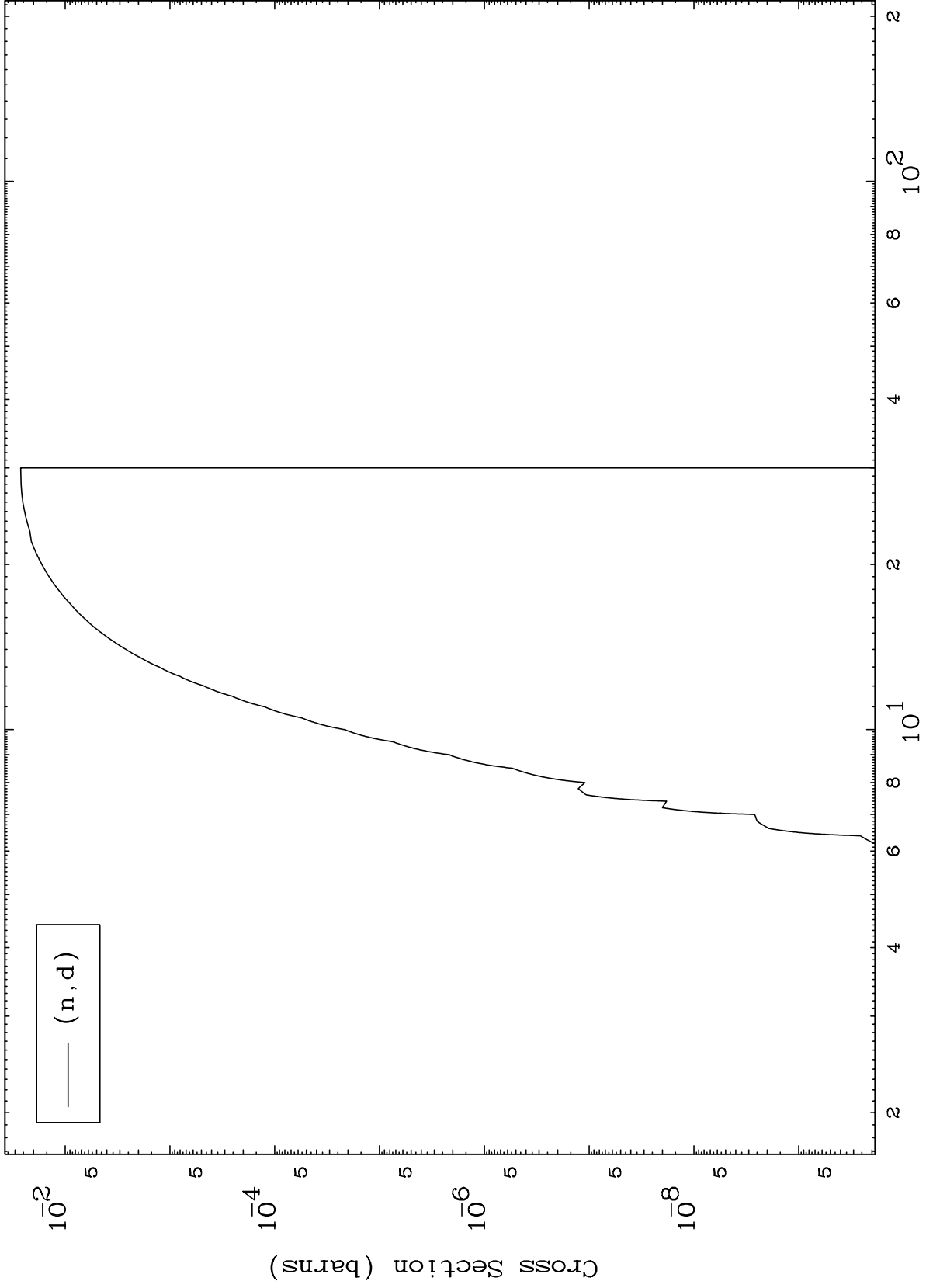
78-Pt-183



MAT 7804

(n,d) Levels  
293 Kelvin Cross Sections

78-Pt-183



11

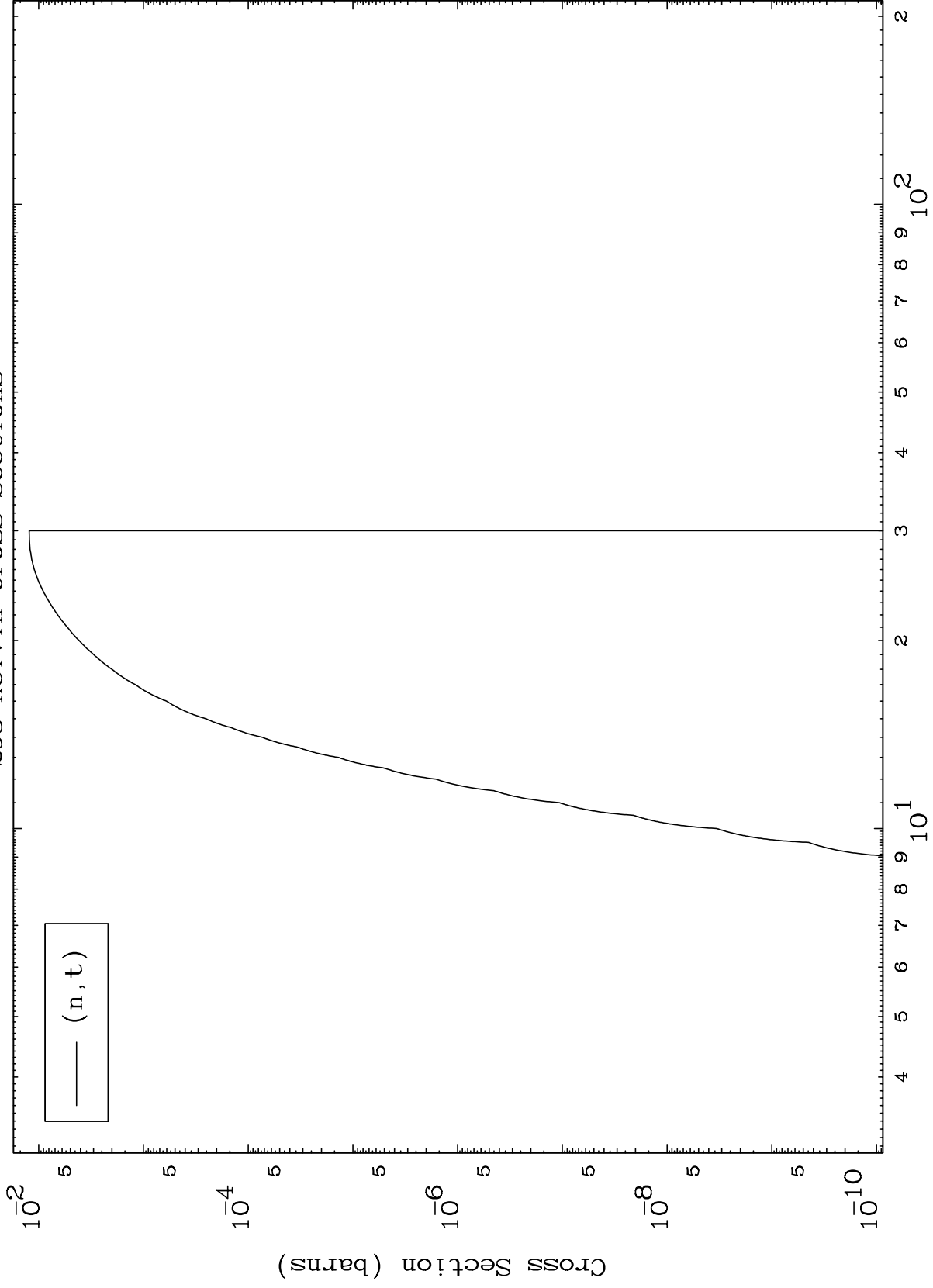
78-Pt-183

78-Pt-183

MAT 7804

(n,t) Levels  
293 Kelvin Cross Sections

78-Pt-183



12

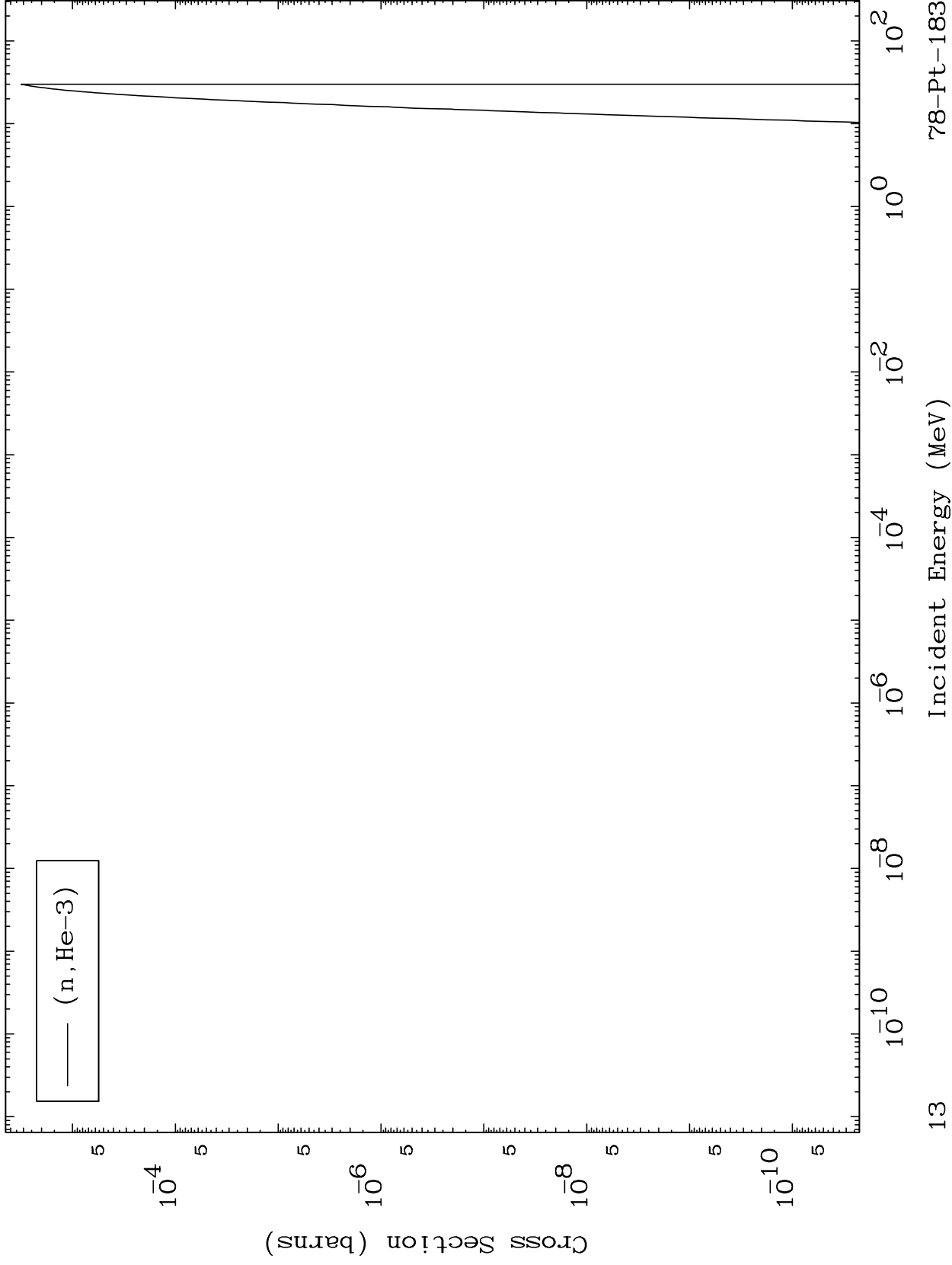
Incident Energy (MeV)

78-Pt-183

MAT 7804

(n,He3) Levels  
293 Kelvin Cross Sections

78-Pt-183



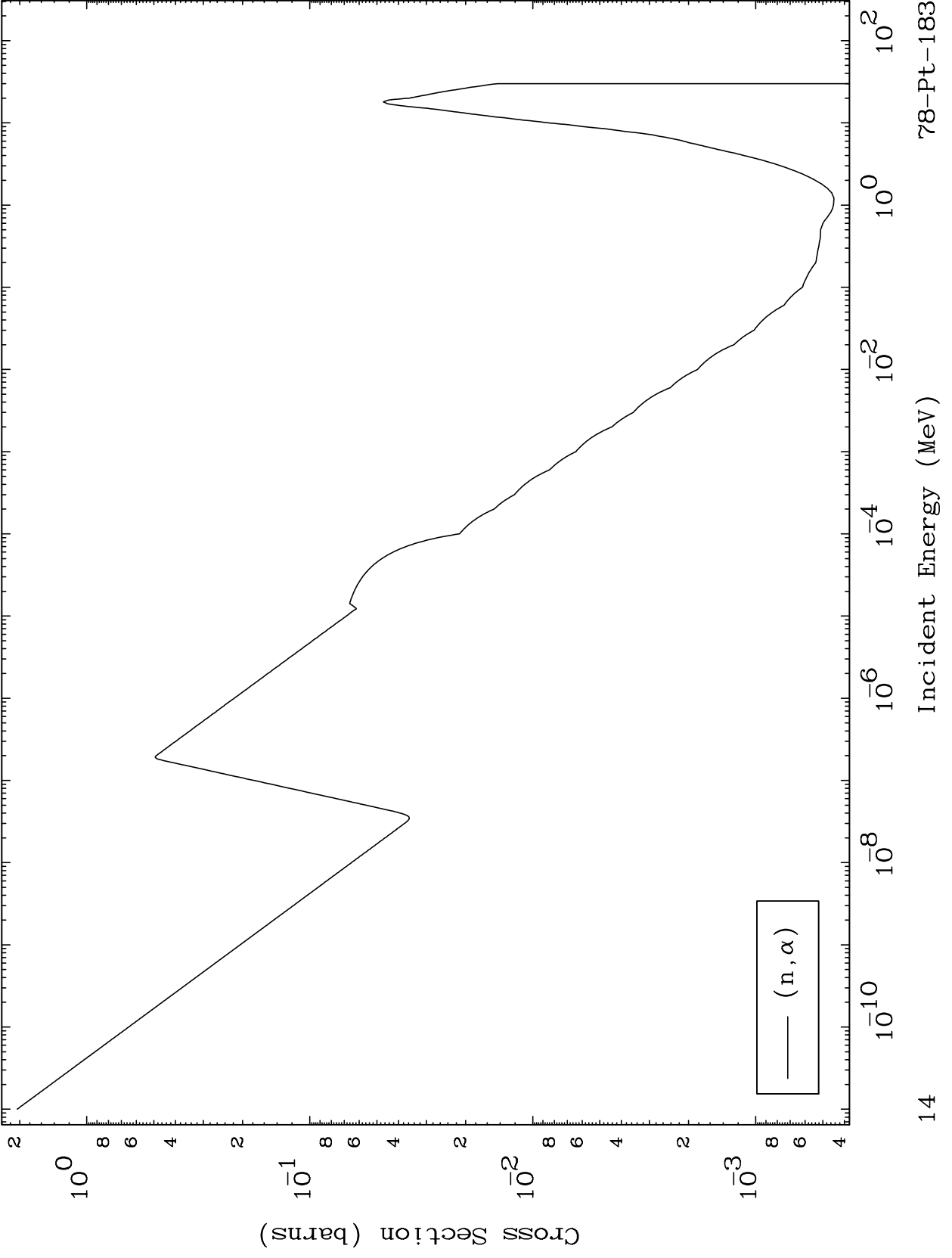
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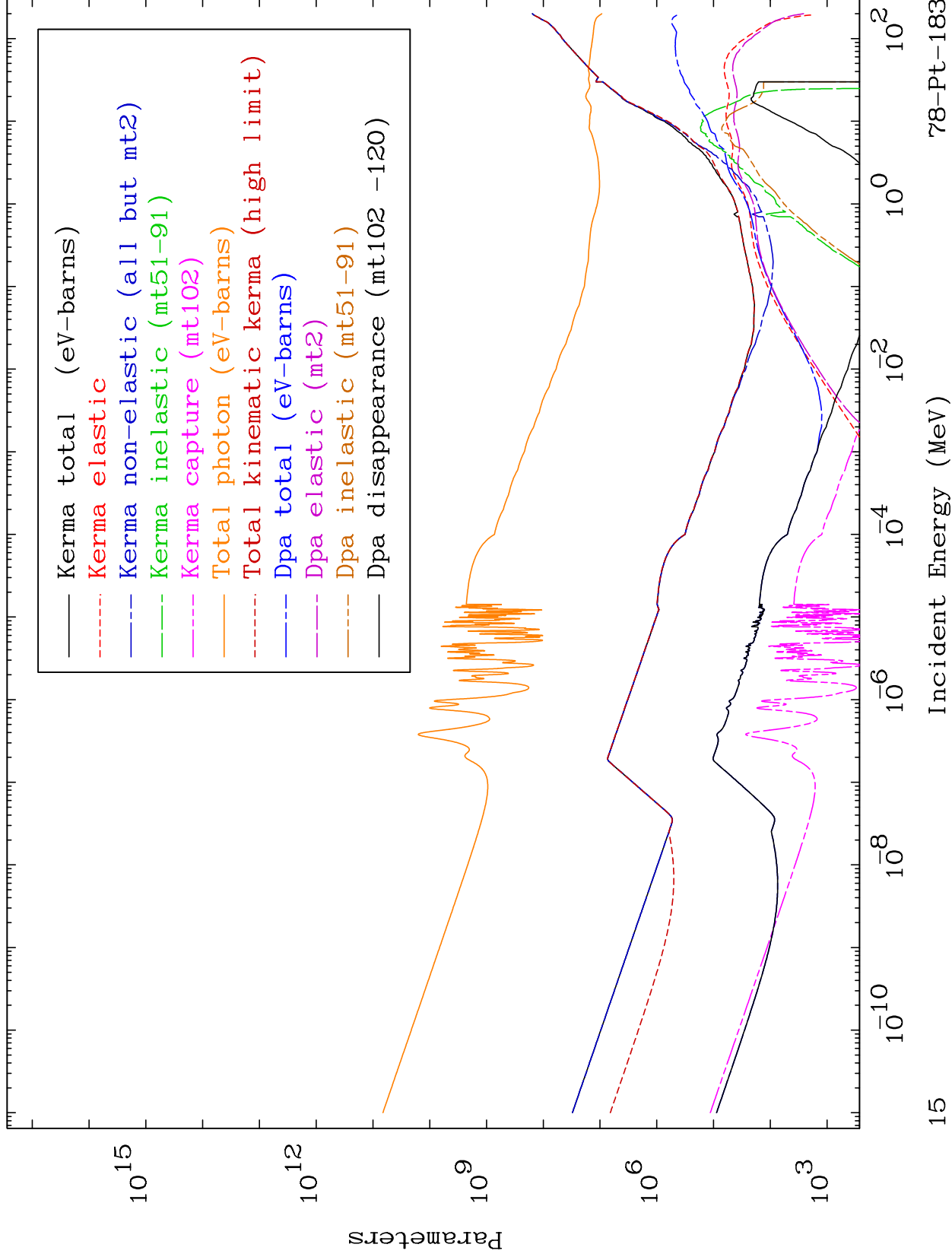
78-Pt-183

MAT 7804

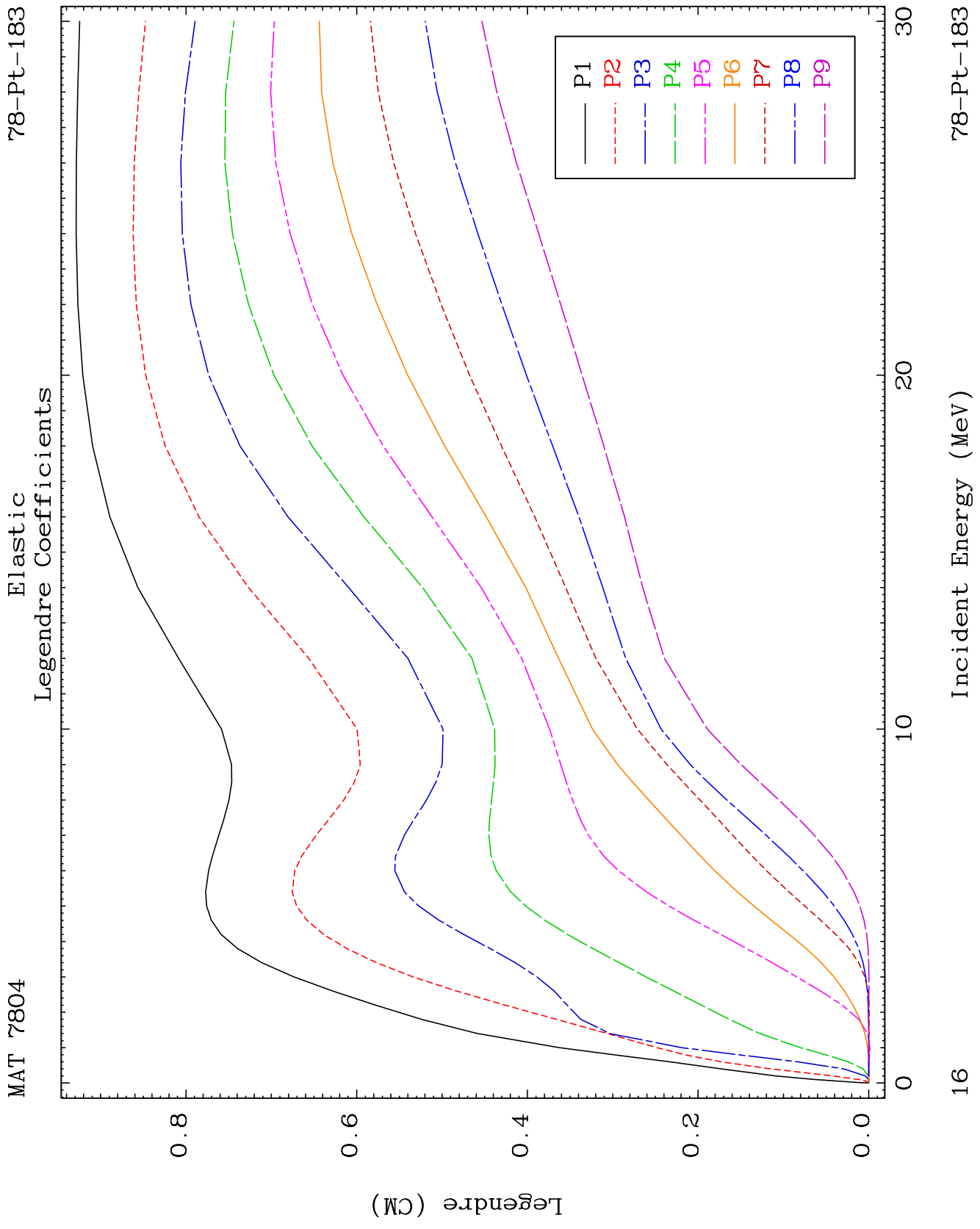
(n,α) Levels  
293 Kelvin Cross Sections

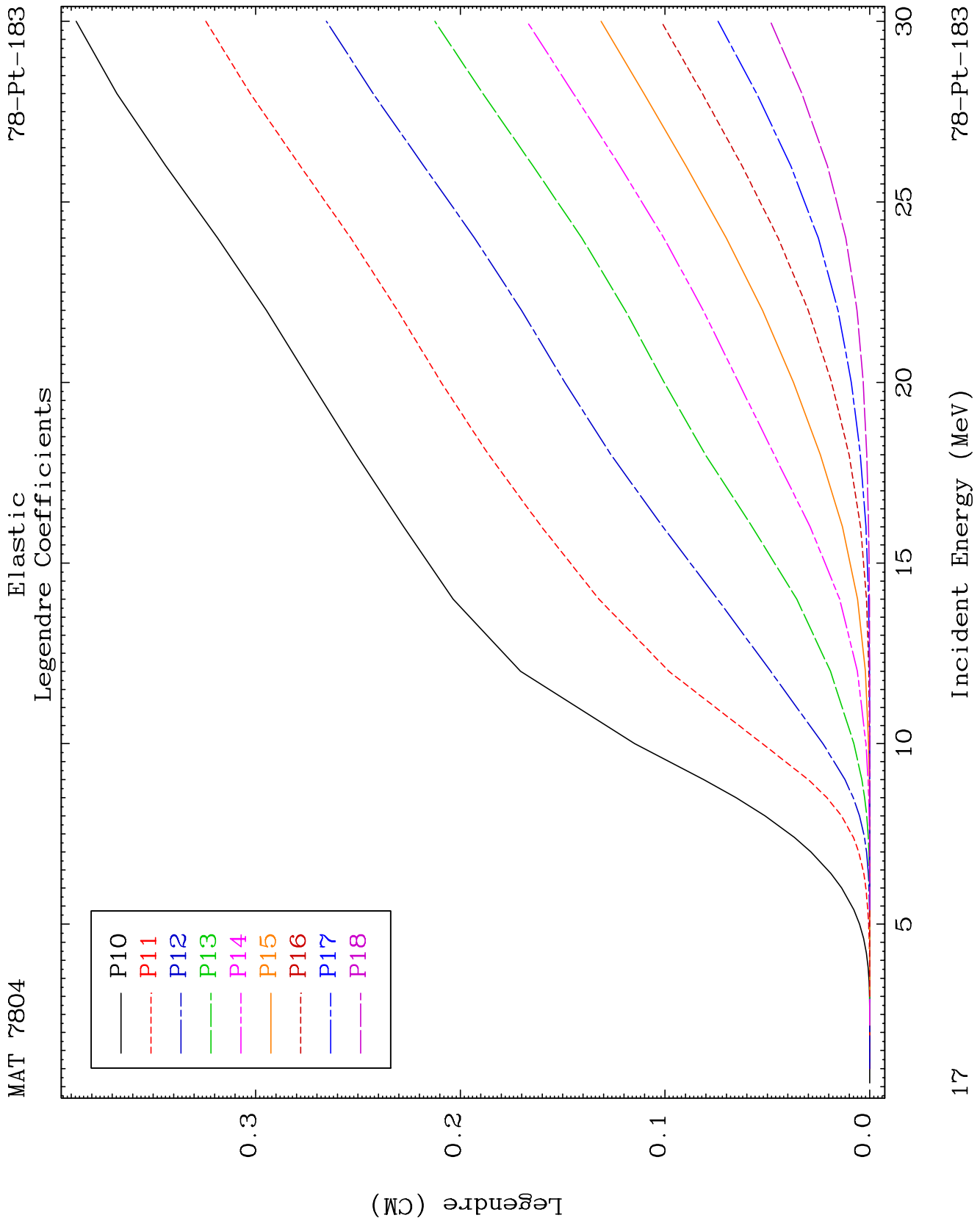
78-Pt-183







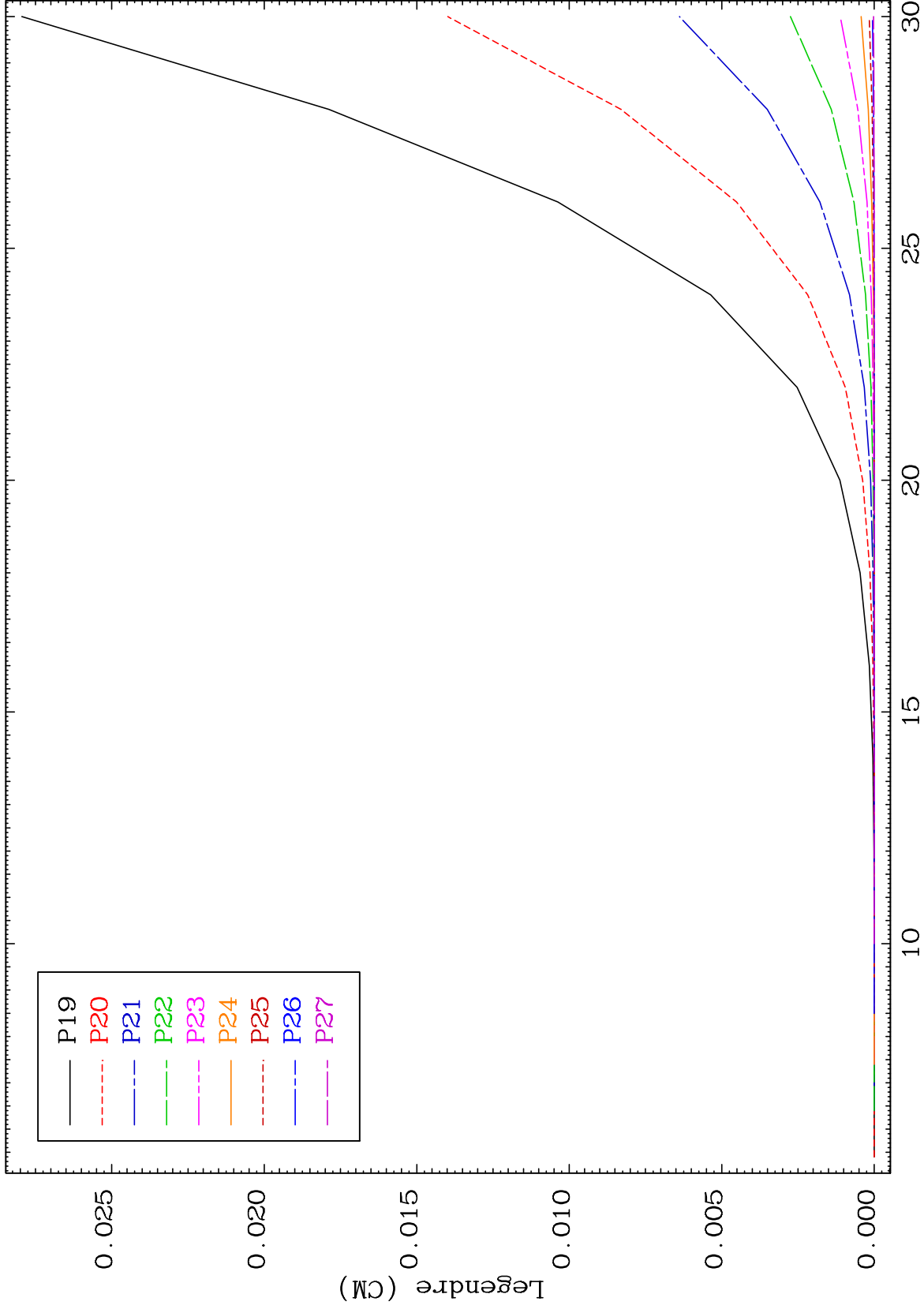




MAT 7804

### Elastic Legendre Coefficients

78-Pt-183



18

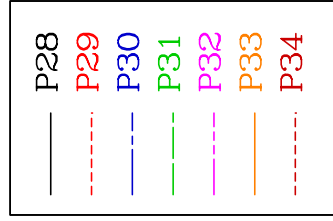
Incident Energy (MeV)

78-Pt-183

MAT 7804

Elastic  
Legendre Coefficients

78-Pt-183



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

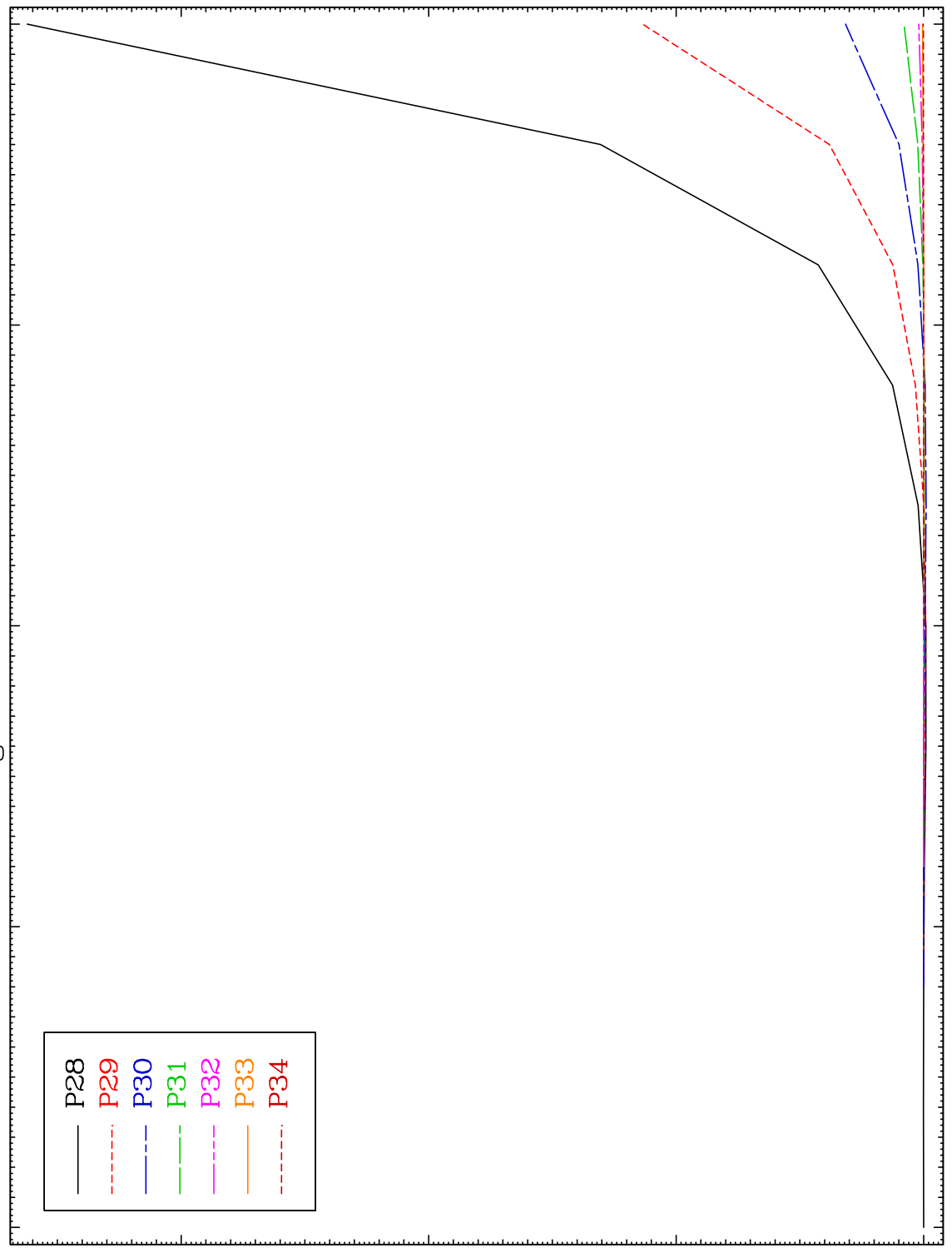
25

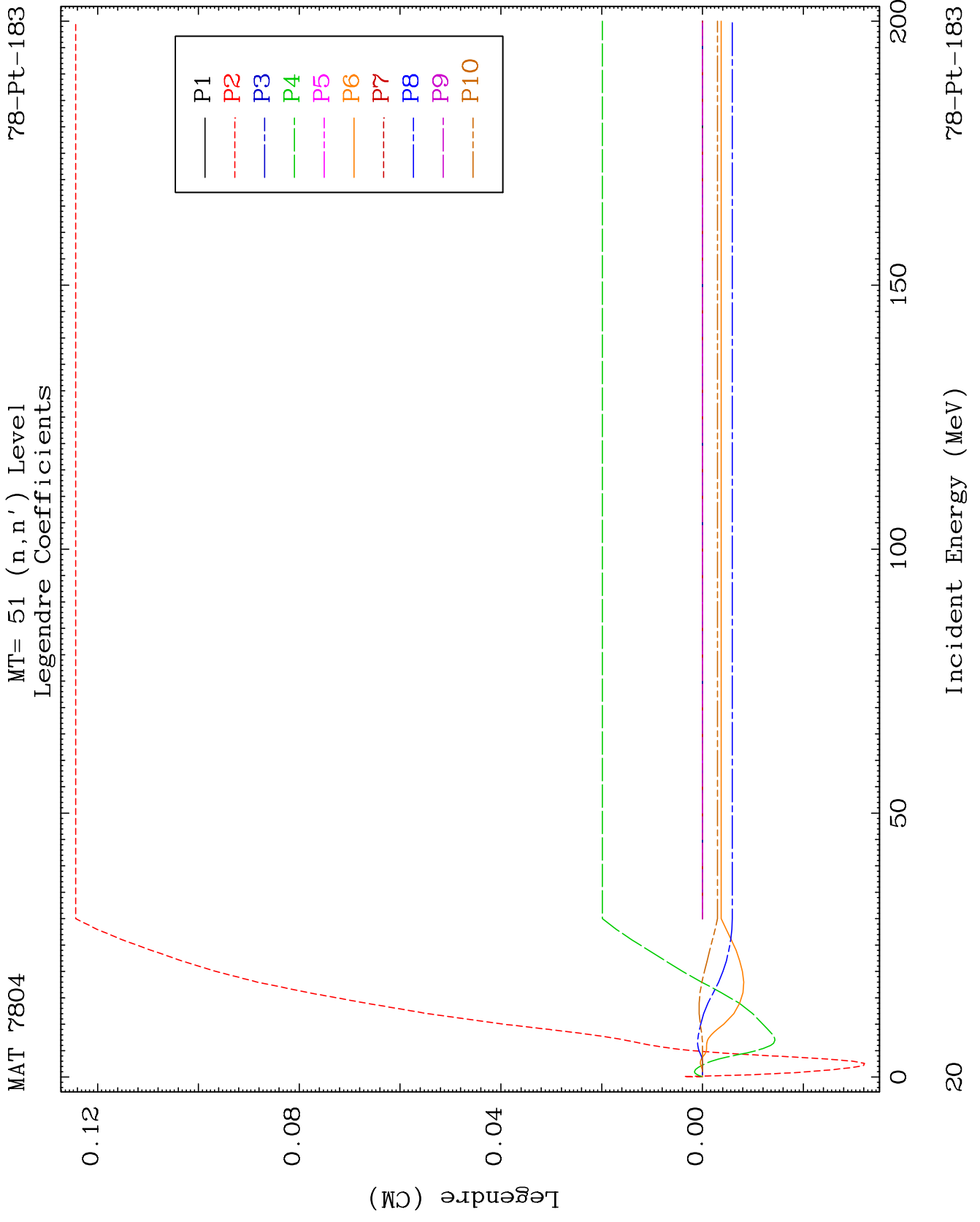
30

19

Incident Energy (MeV)

78-Pt-183

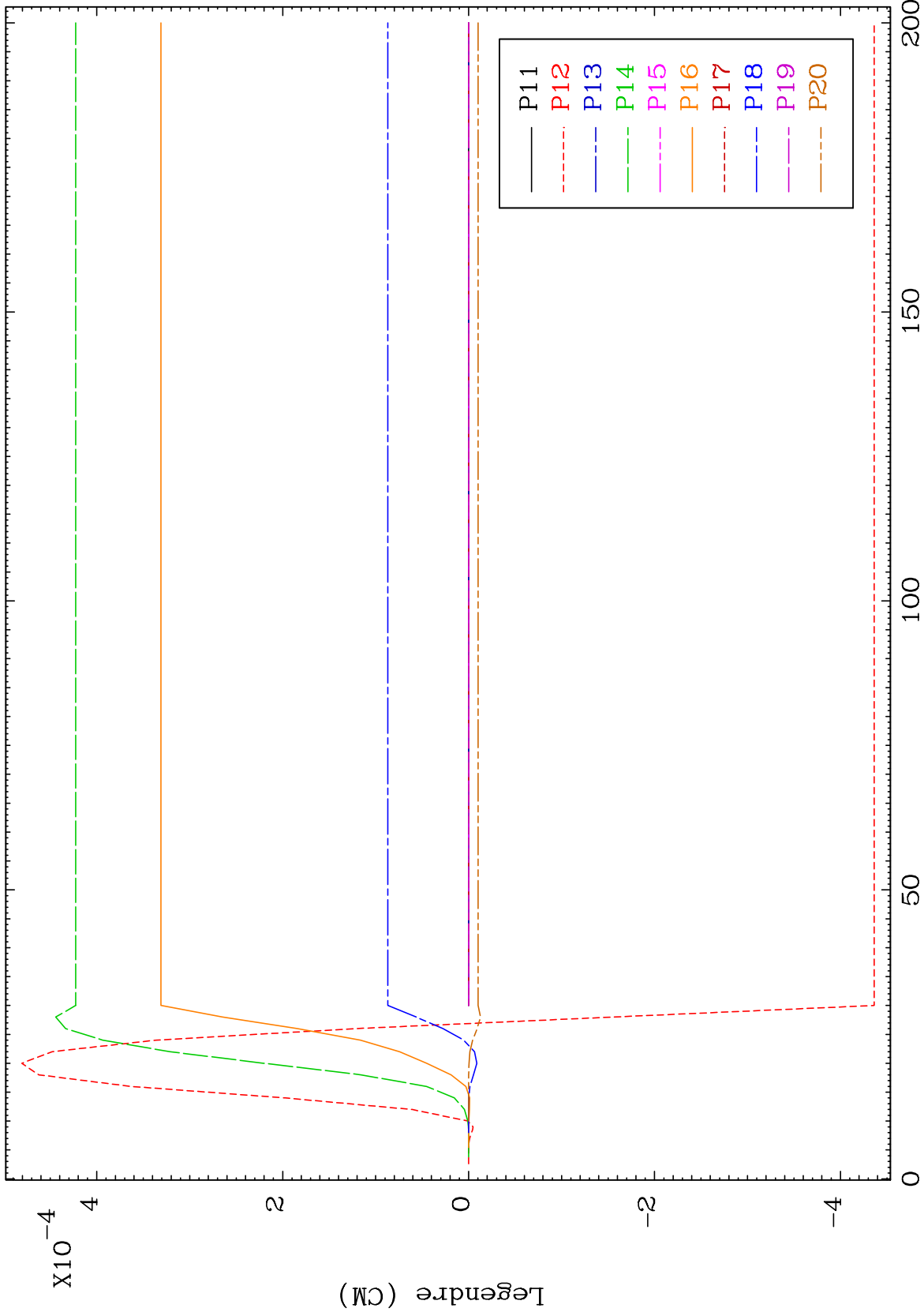




MAT 7804

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

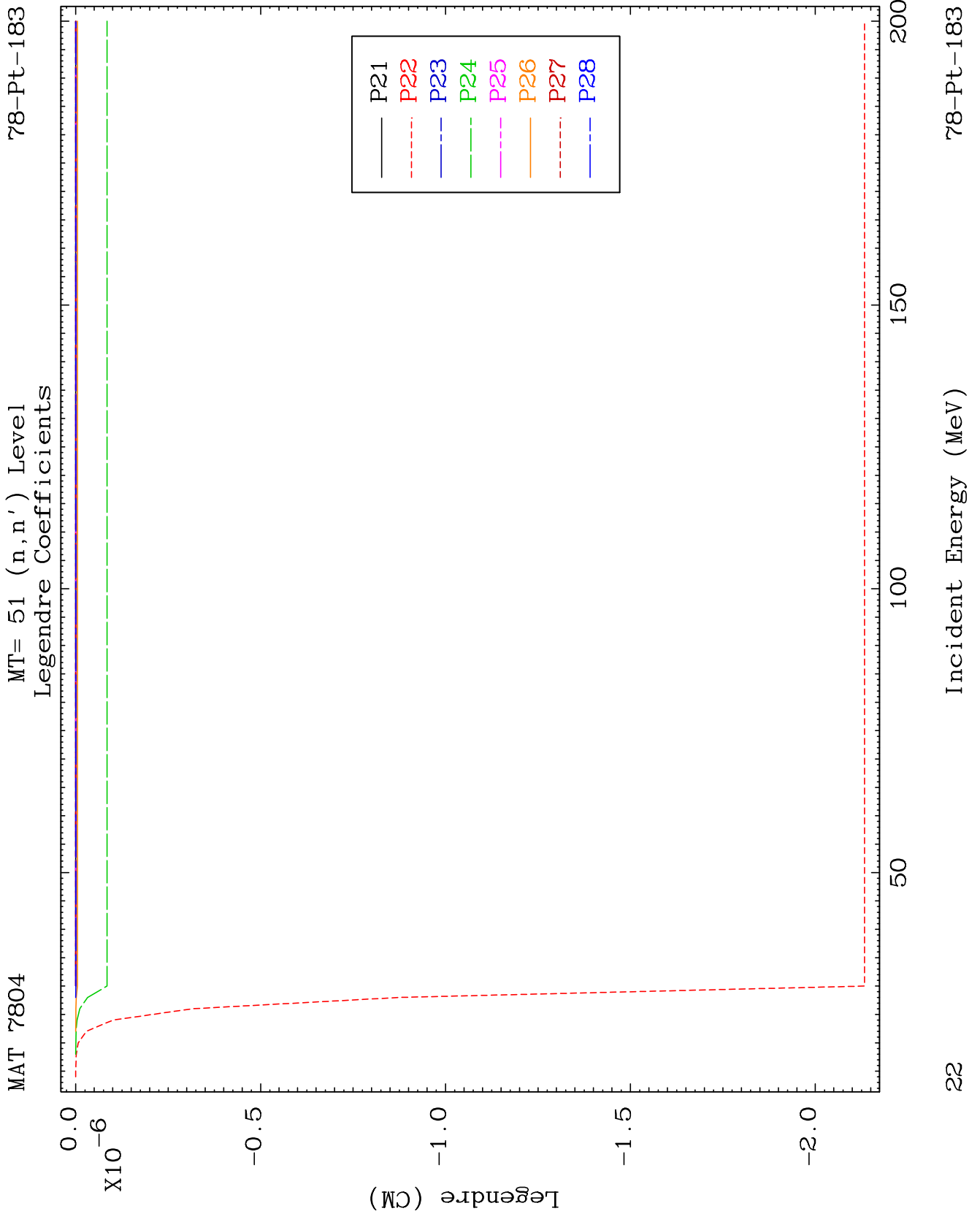
78-Pt-183



21

Incident Energy (MeV)

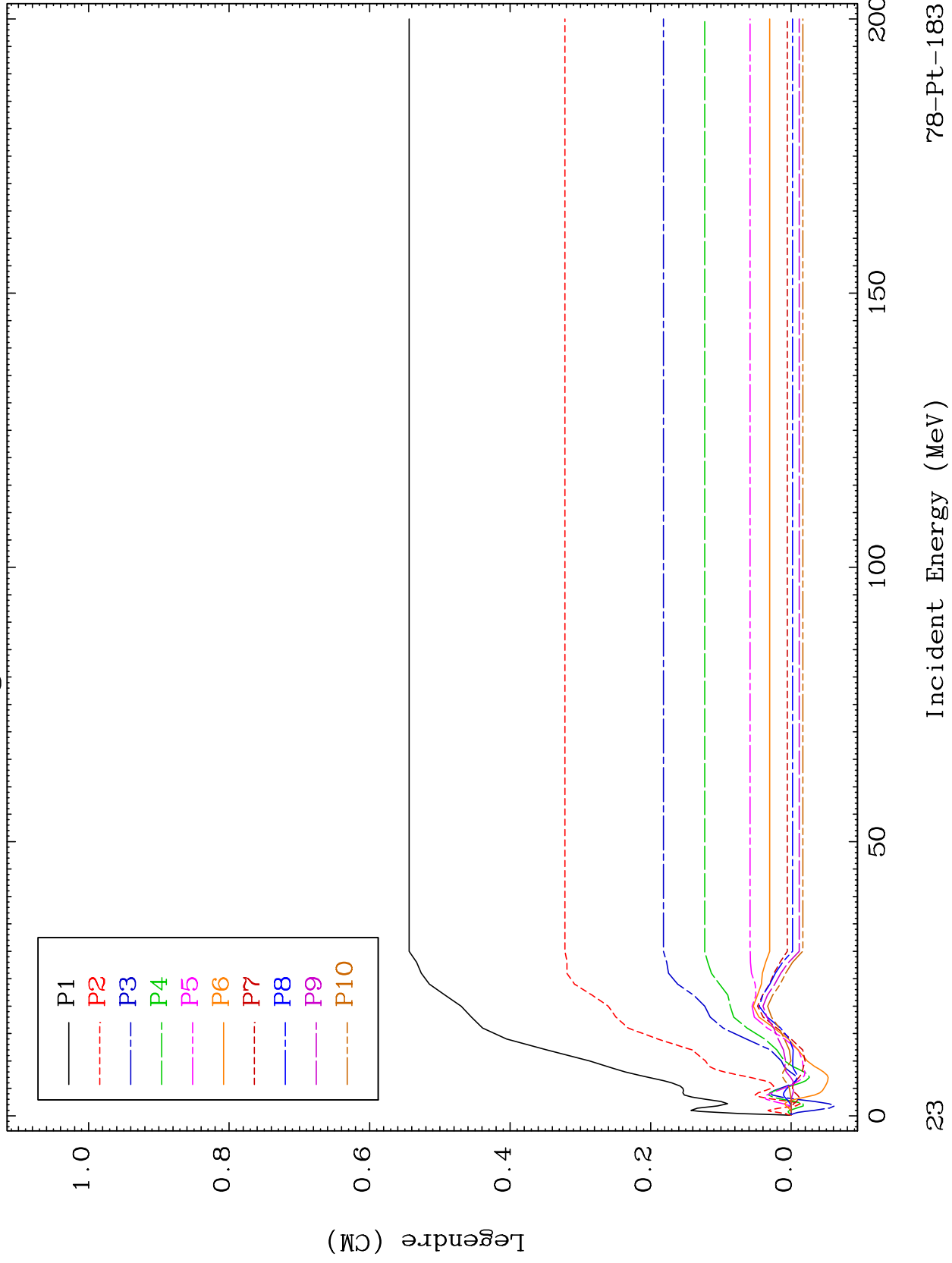
78-Pt-183



MAT 7804

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

78-Pt-183

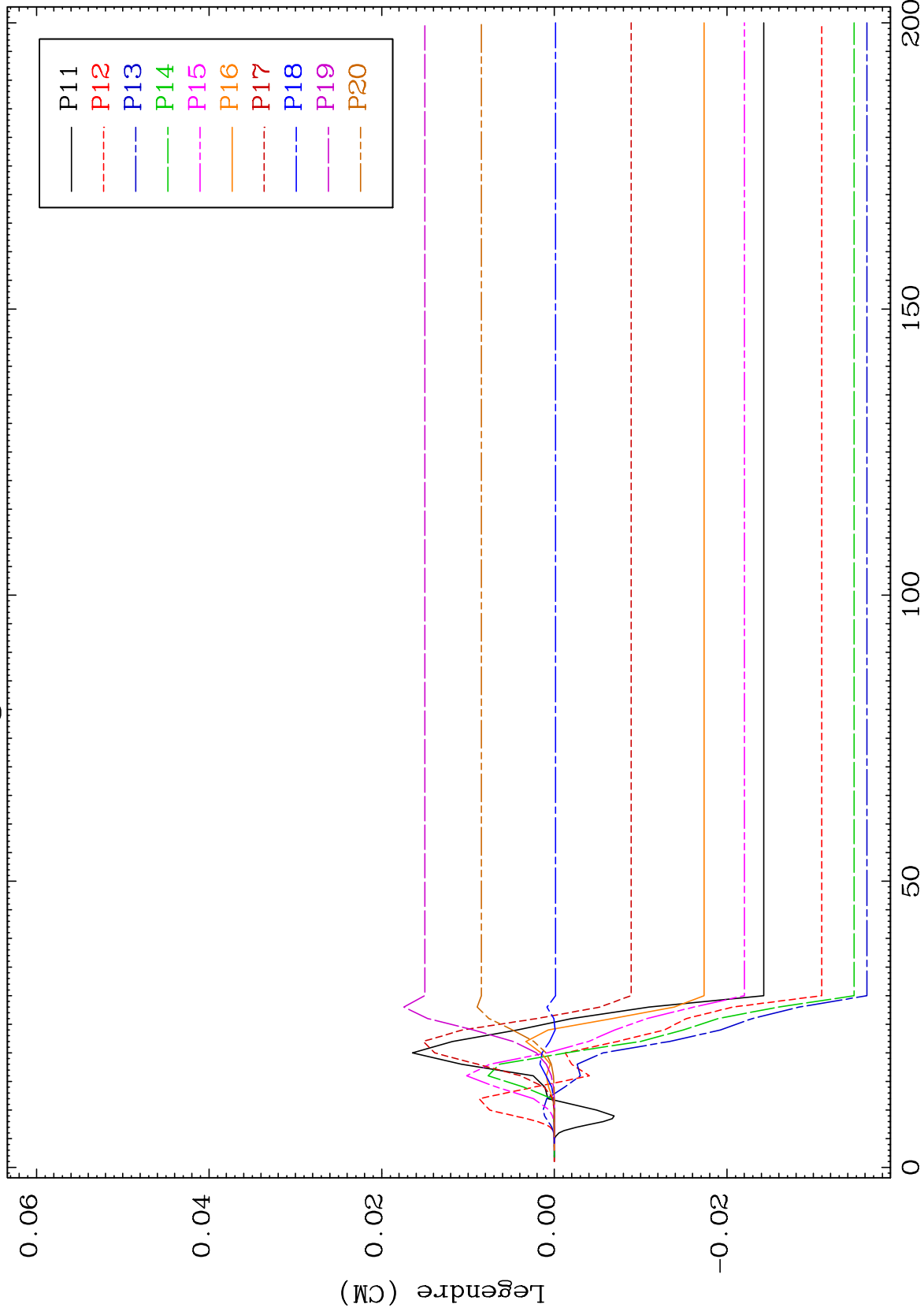




MAT 7804

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

78-Pt-183



24

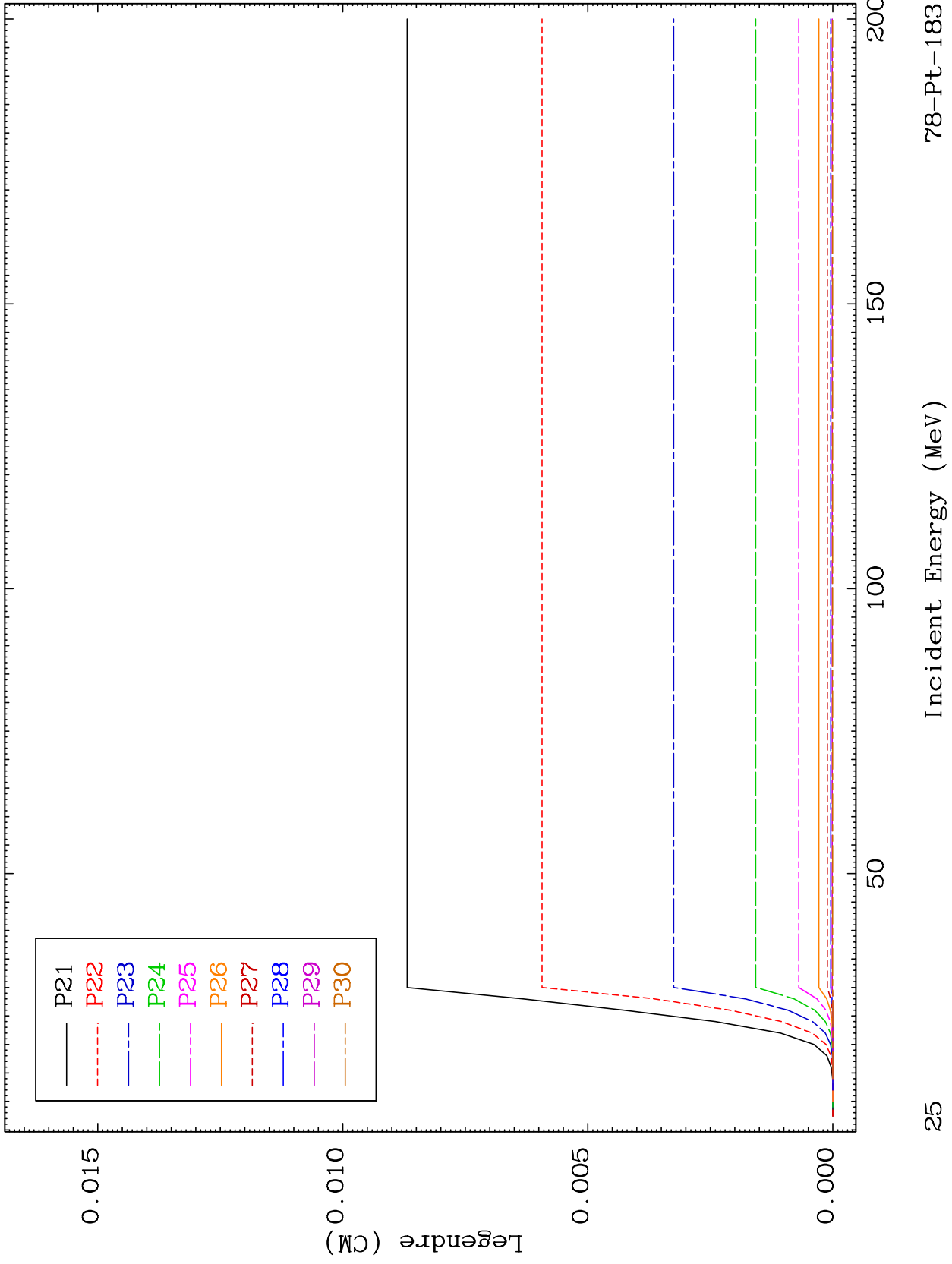
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



25

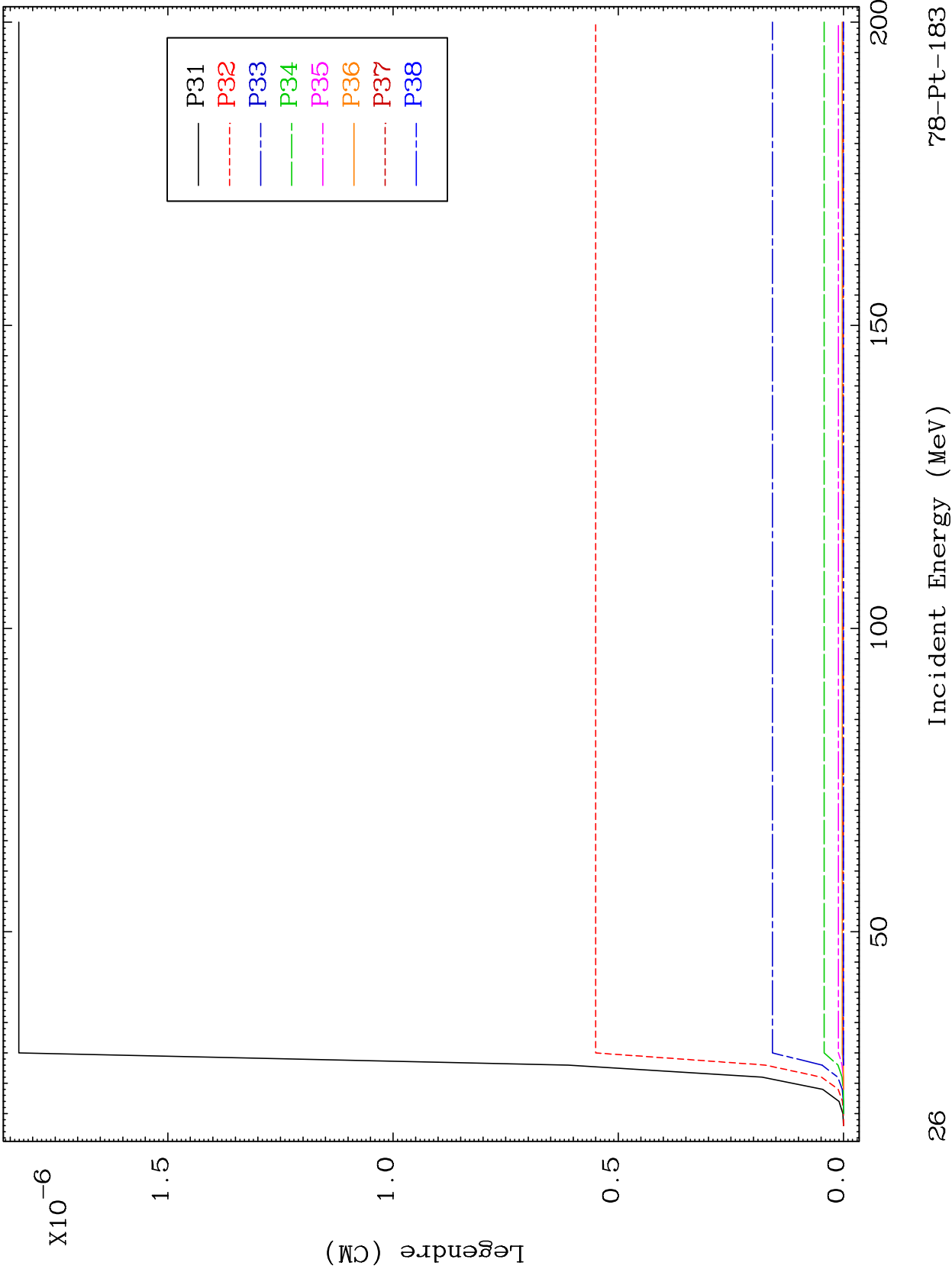
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



26

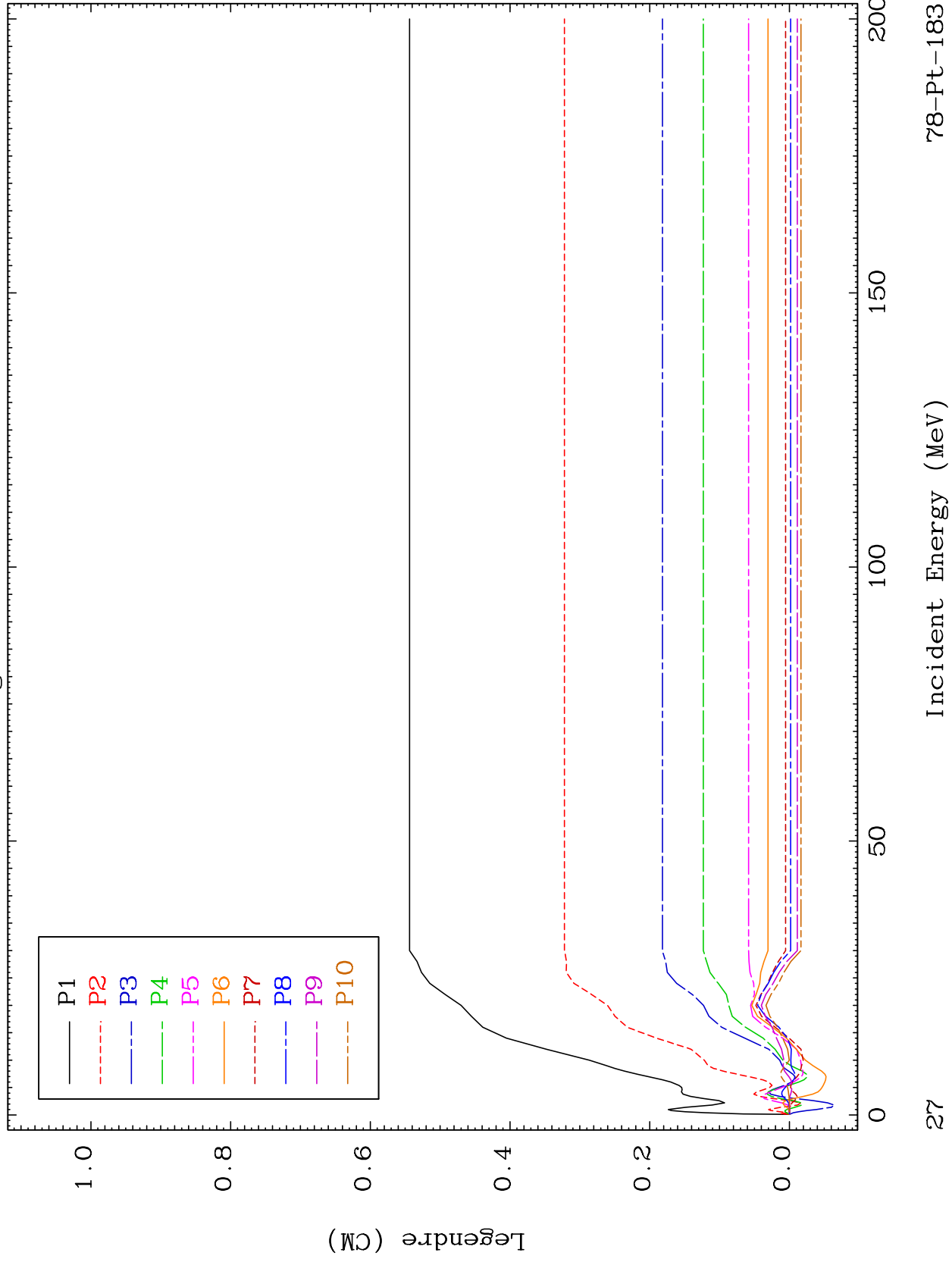
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



27

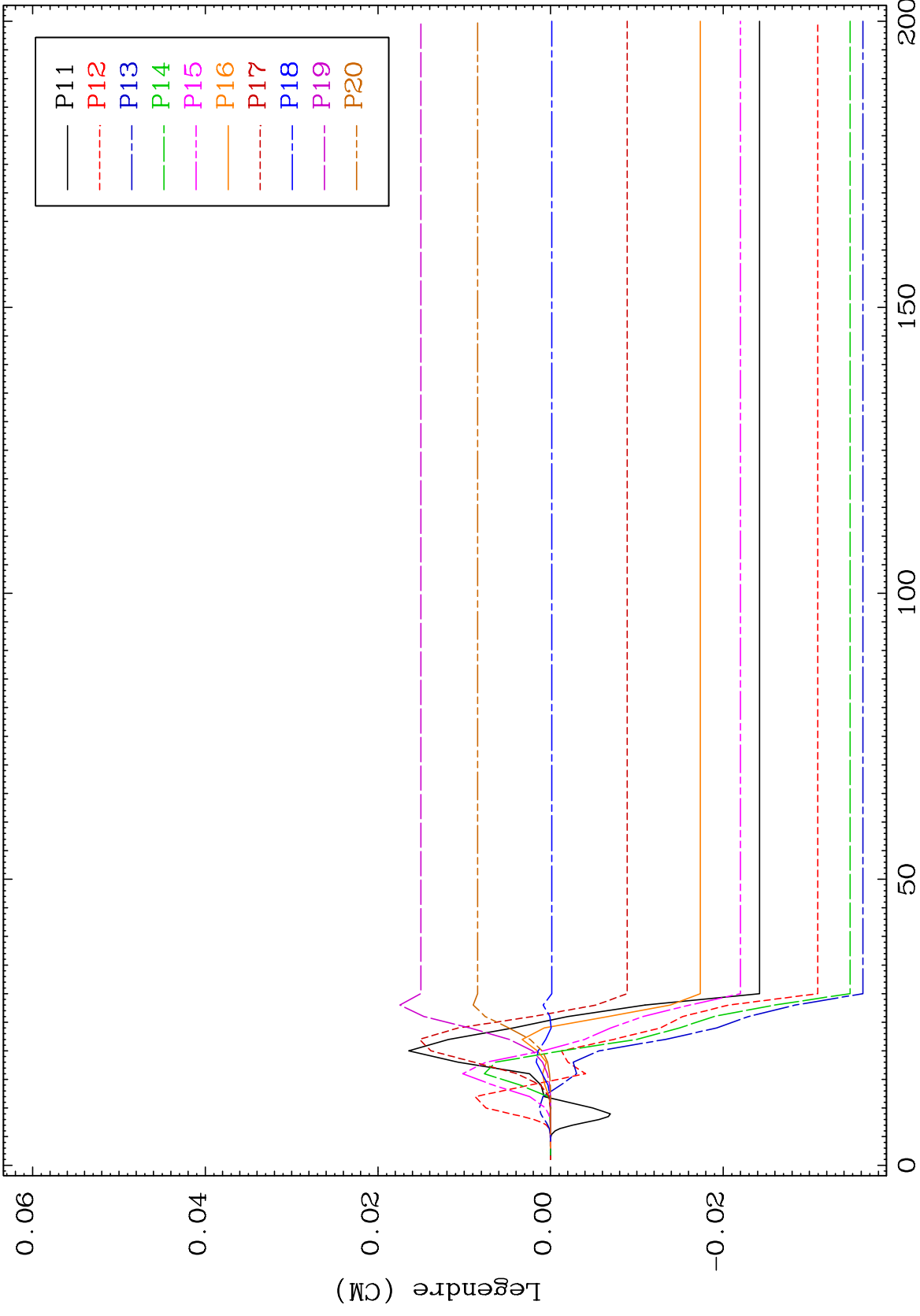
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

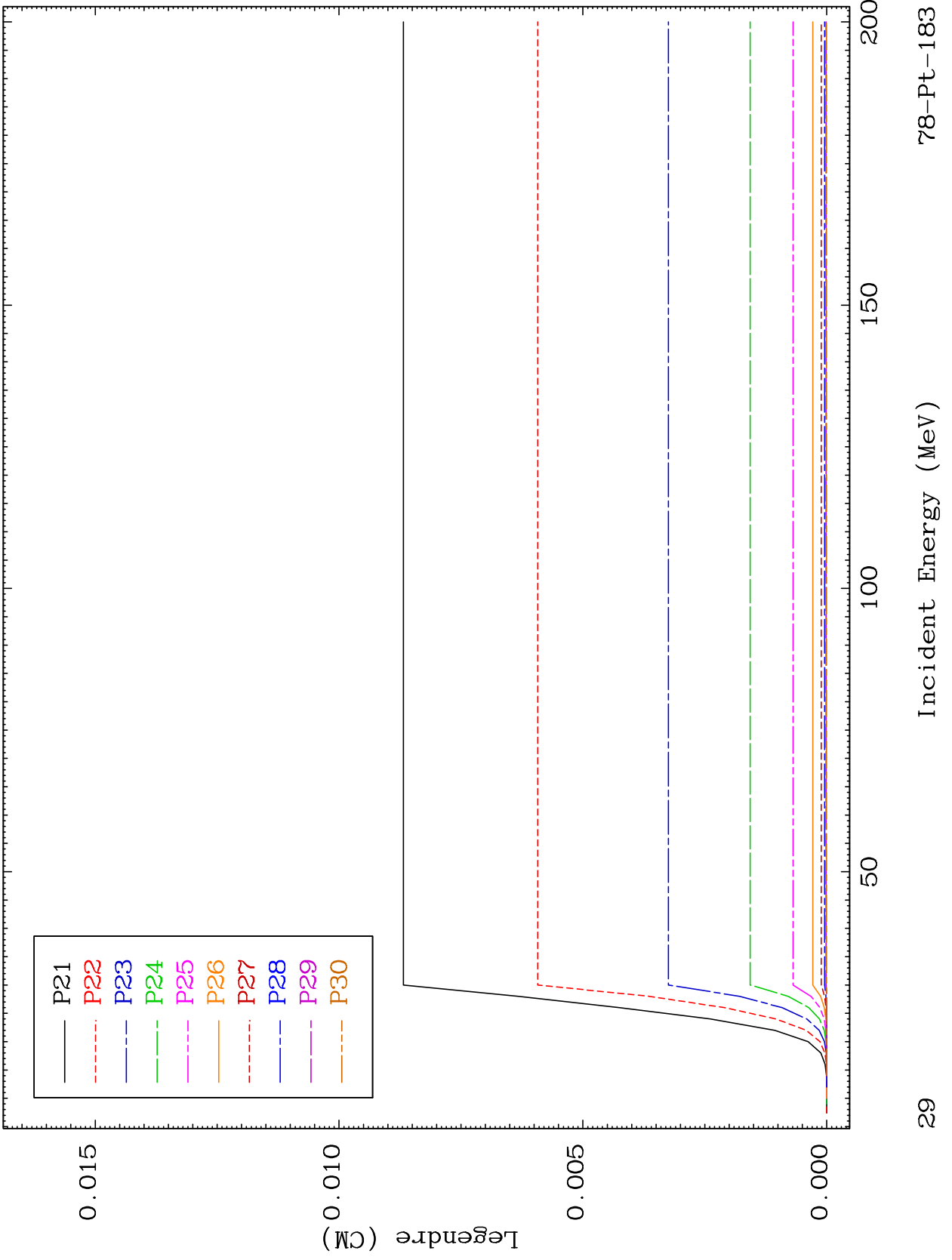
78-Pt-183



28

Incident Energy (MeV)

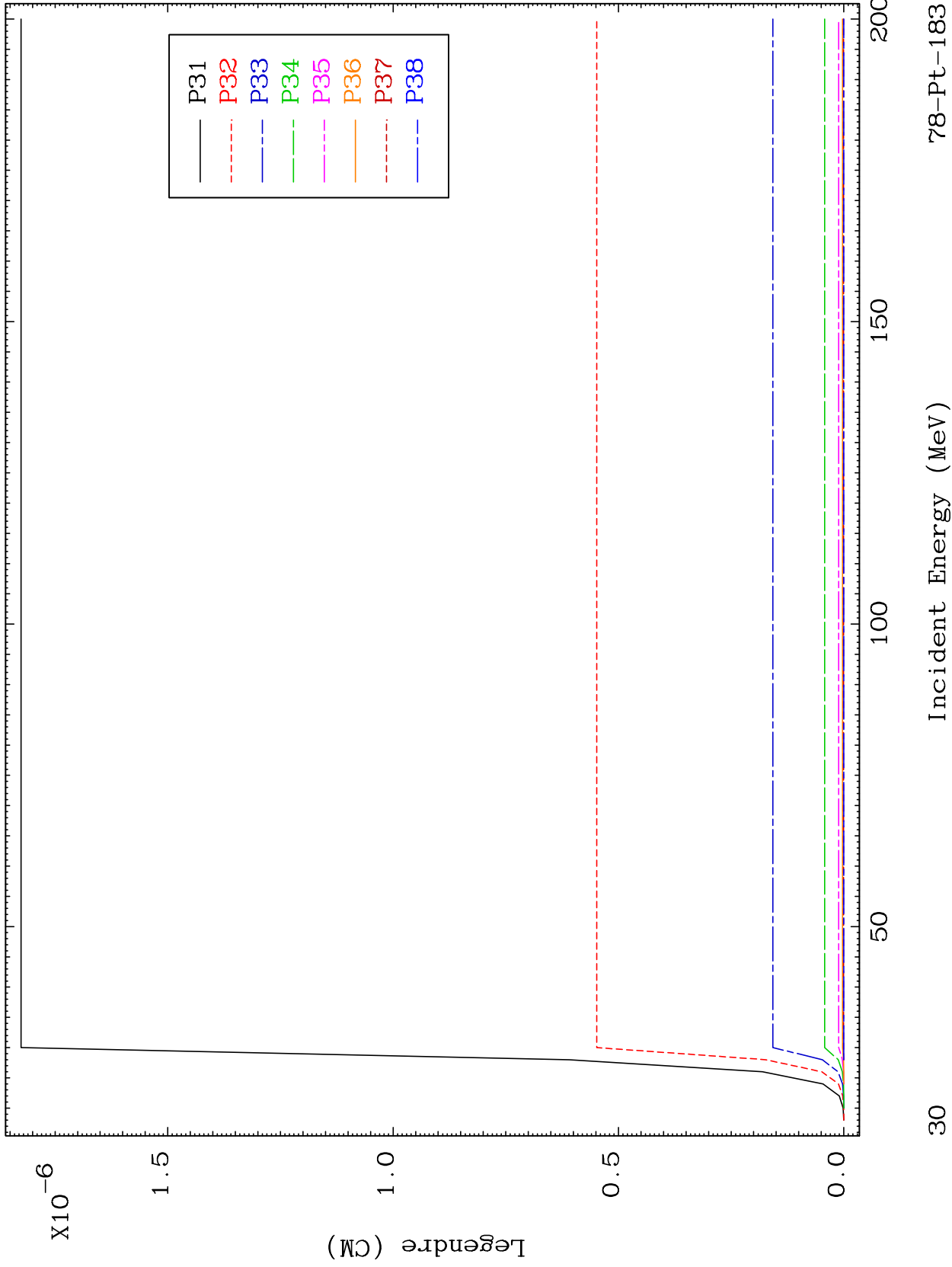
78-Pt-183



MAT 7804

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

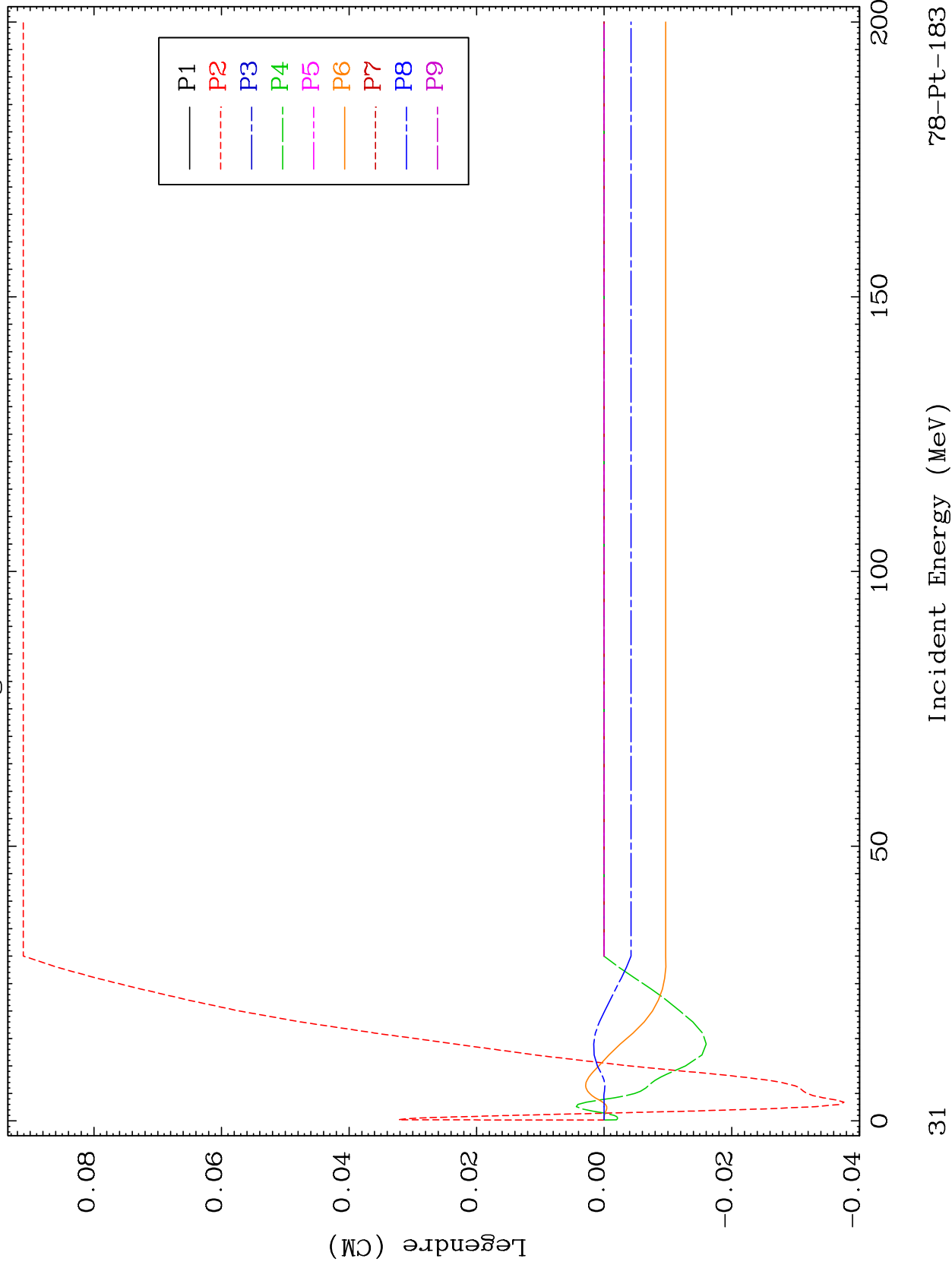
78-Pt-183



MAT 7804

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

78-Pt-183

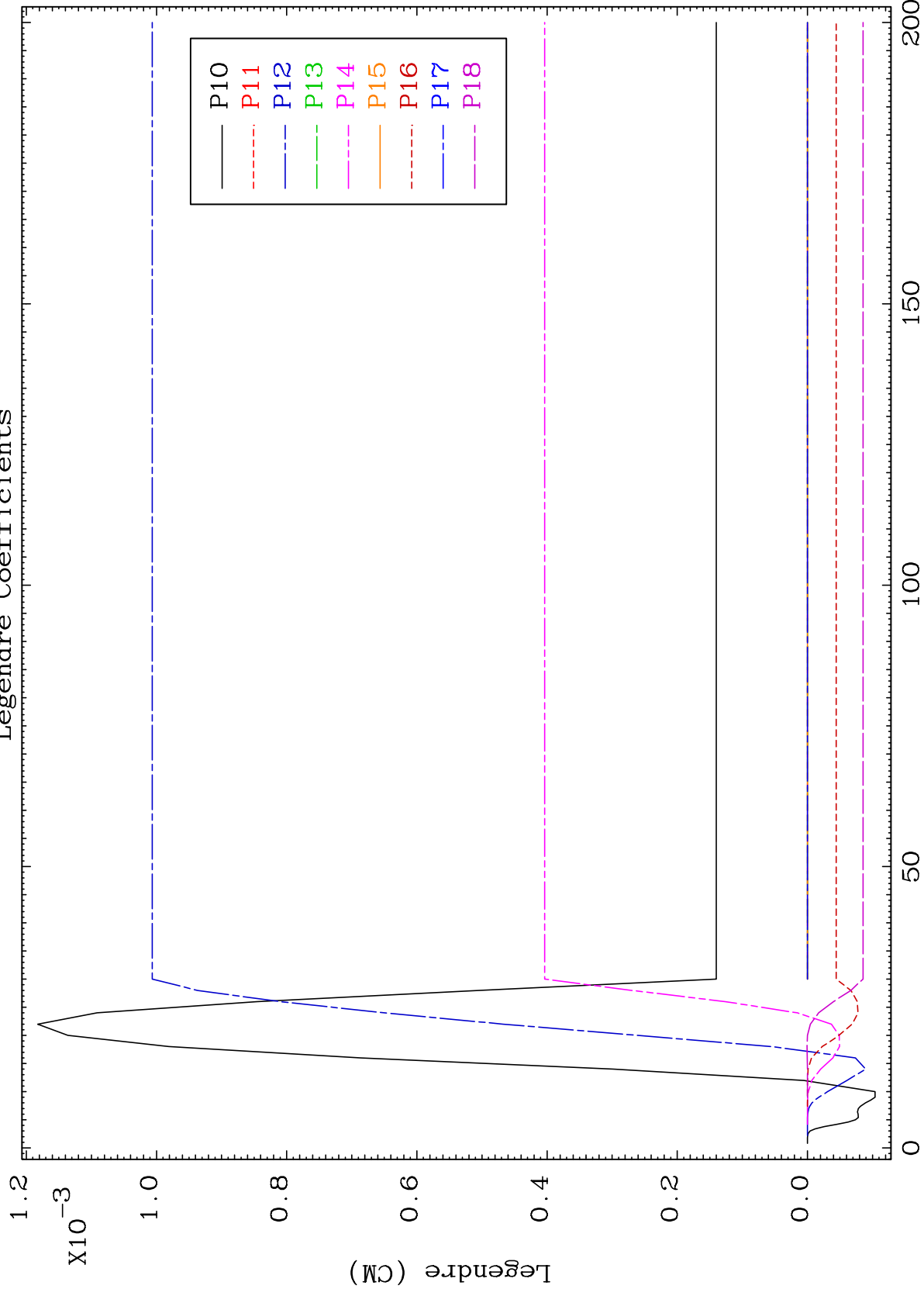




MAT 7804

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

78-Pt-183



32

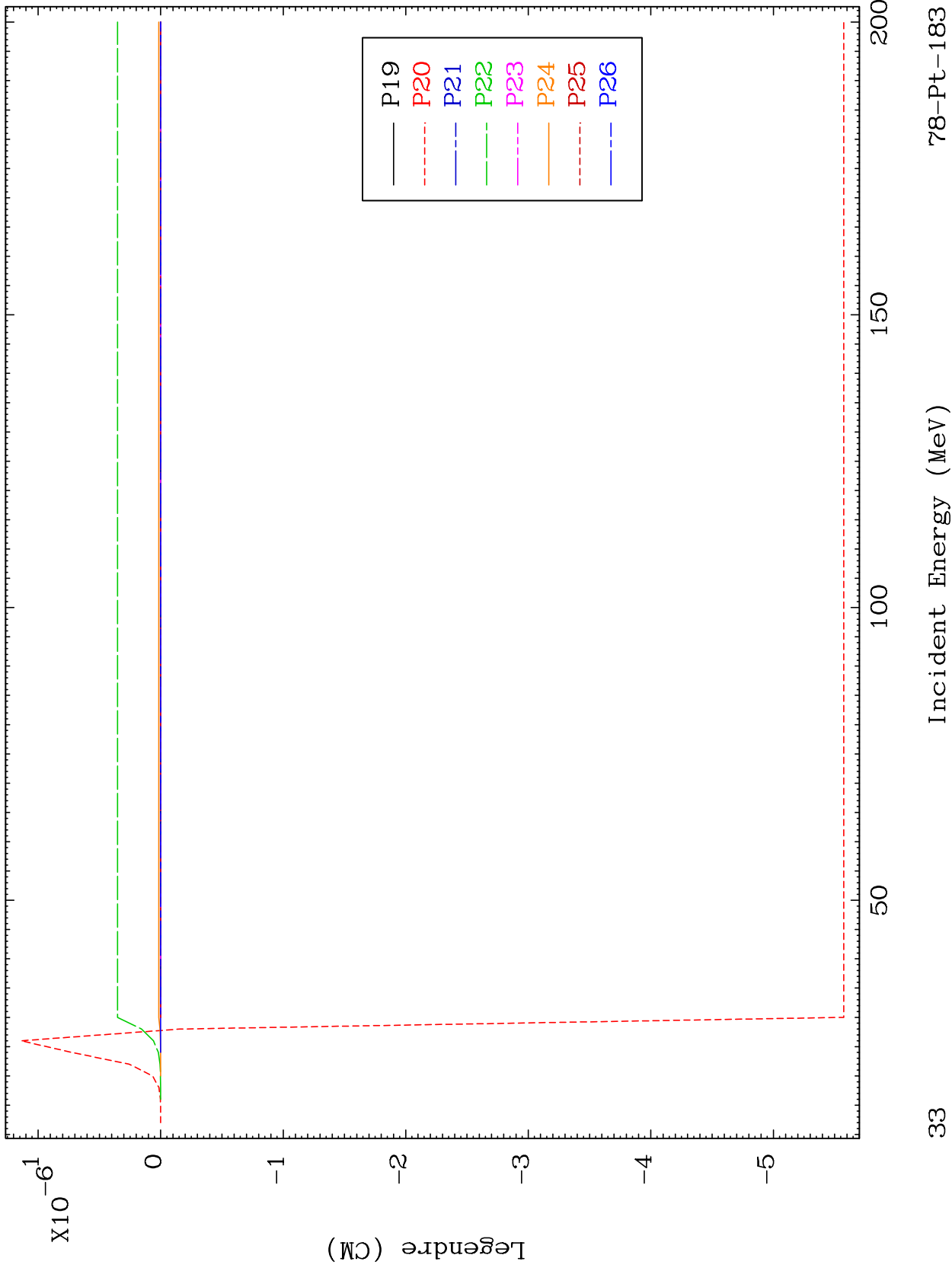
Incident Energy (MeV)

78-Pt-183

MAT 7804

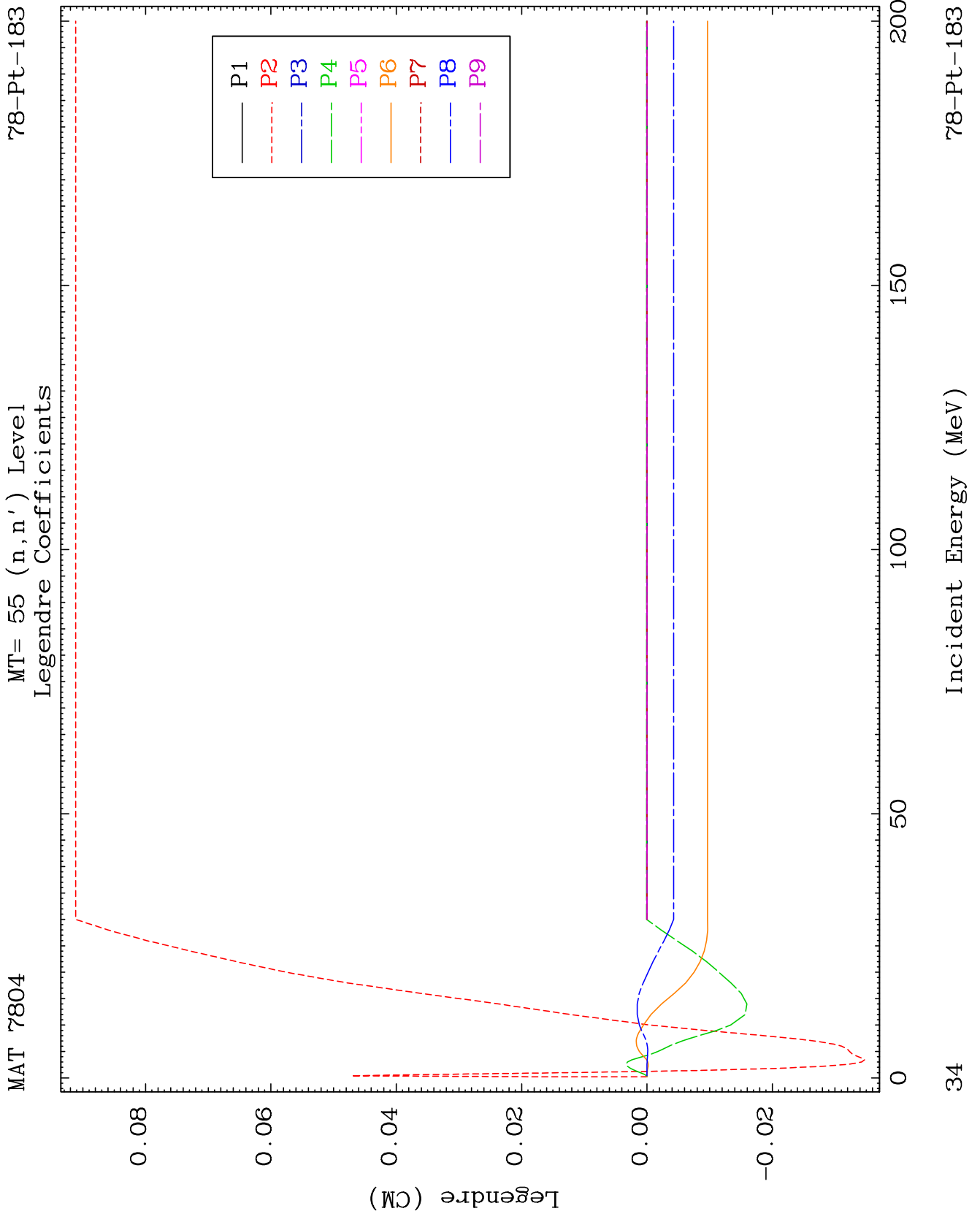
MT= 54 (n,n') Level  
Legendre Coefficients

78-Pt-183



33

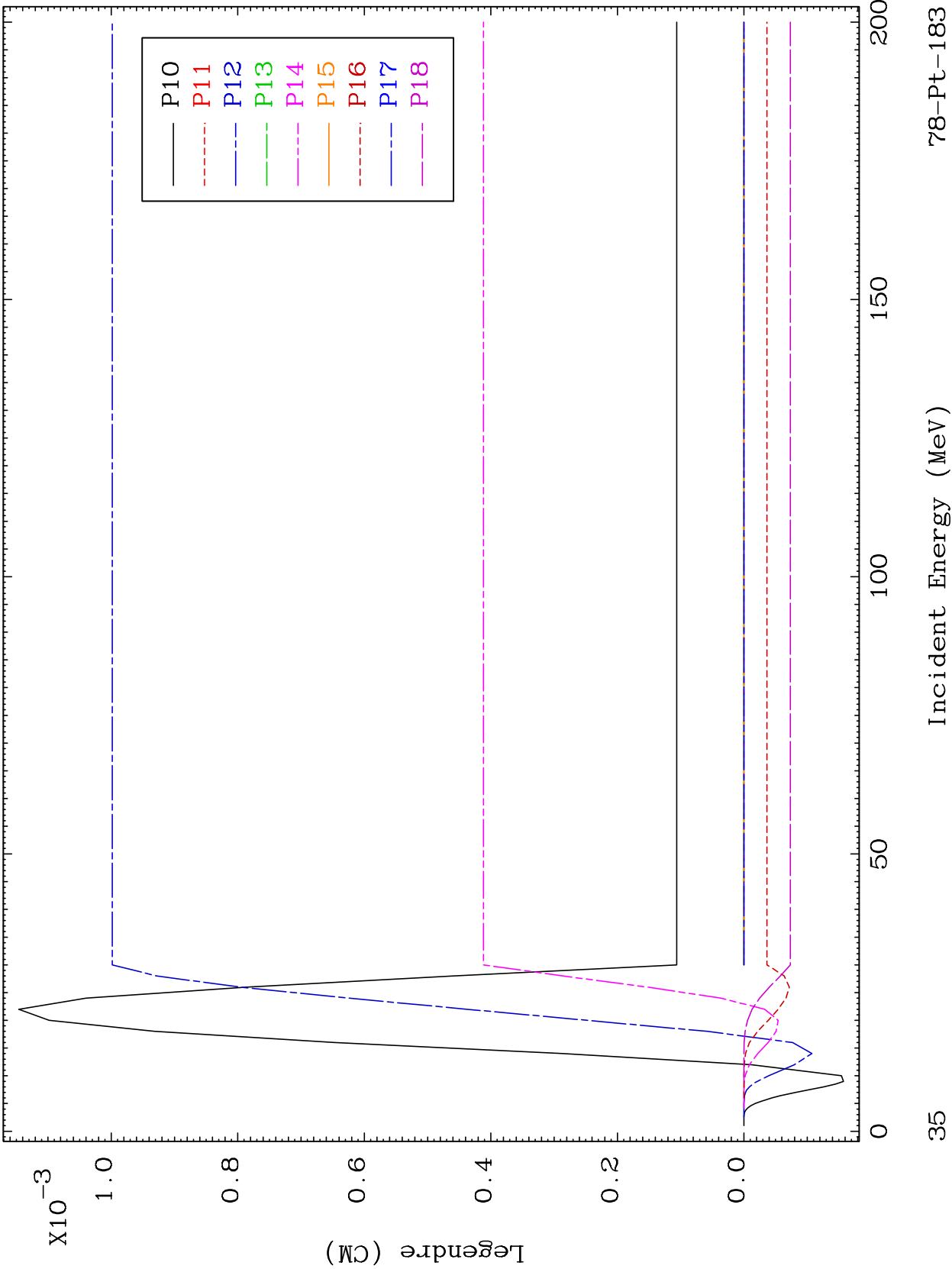
78-Pt-183



MAT 7804

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

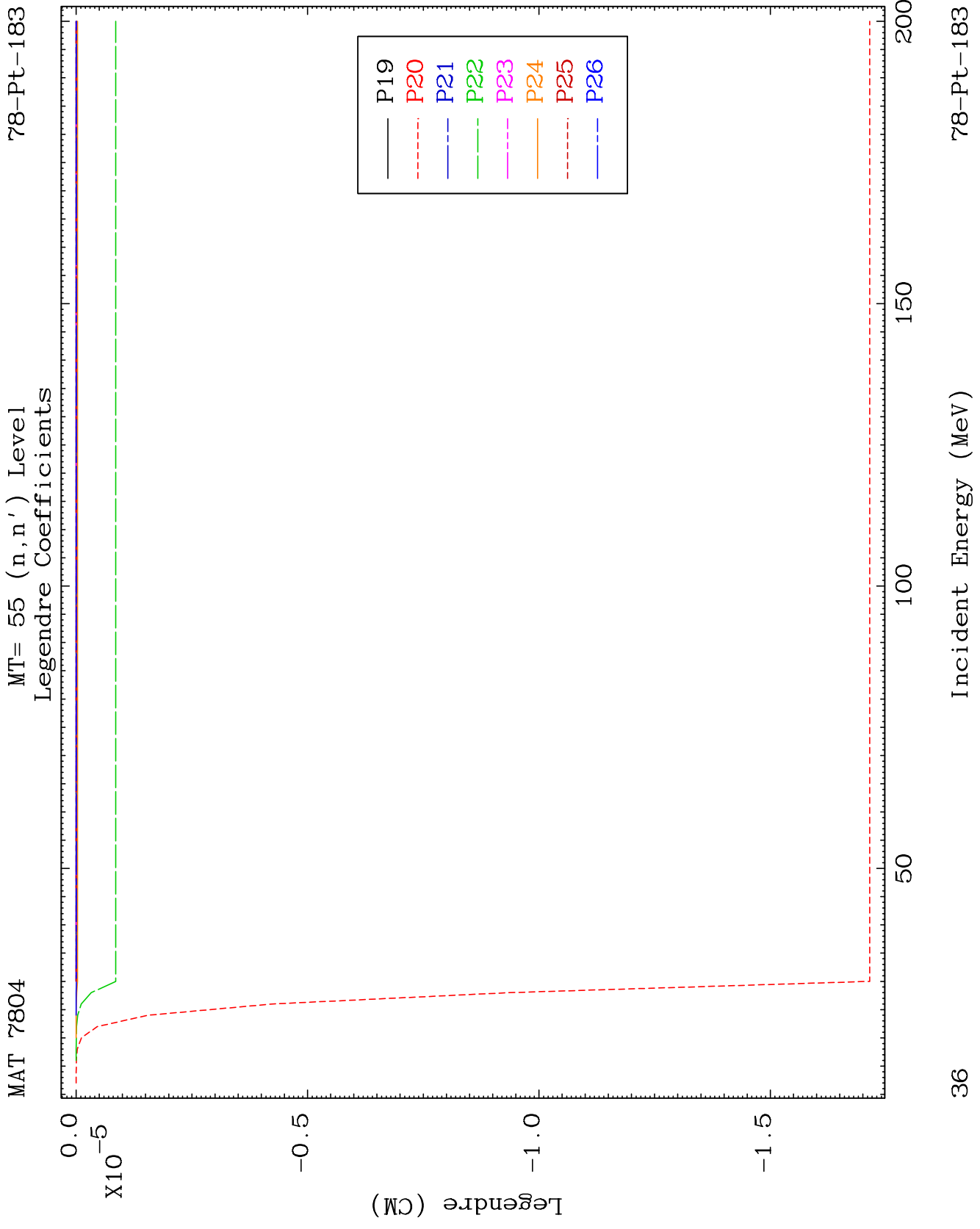
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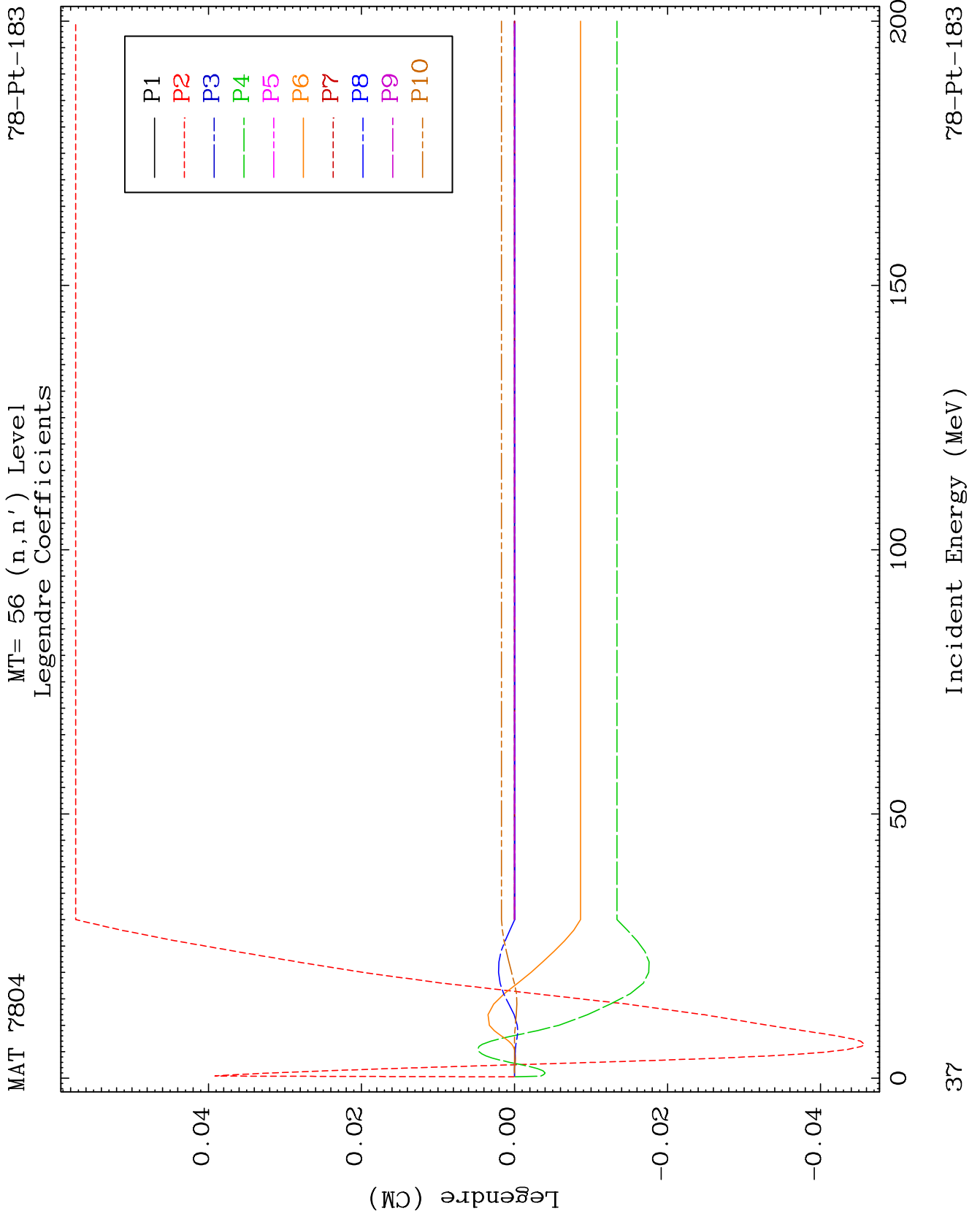


78-Pt-183

Incident Energy (MeV)

35

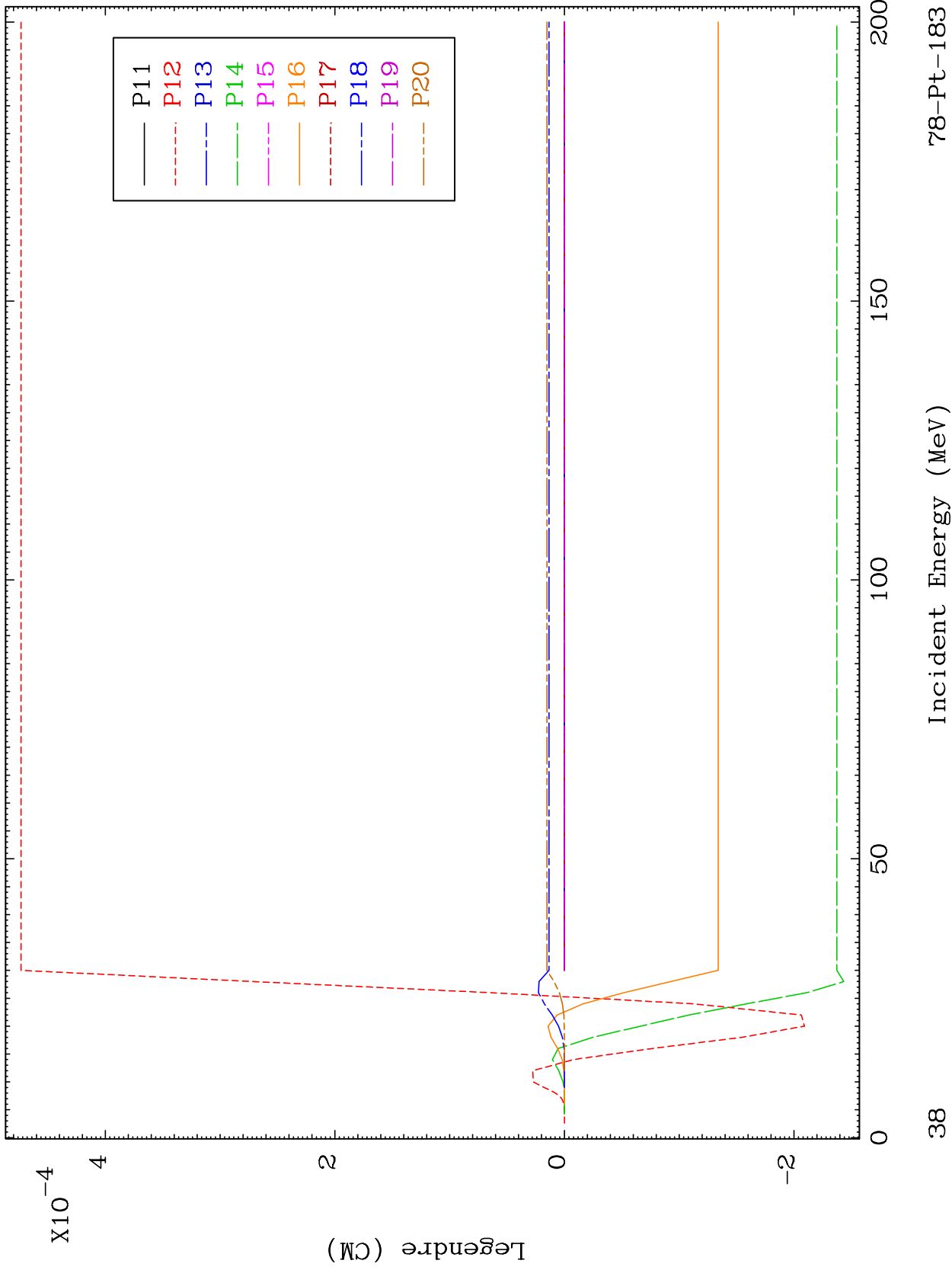




MAT 7804

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

78-Pt-183



38

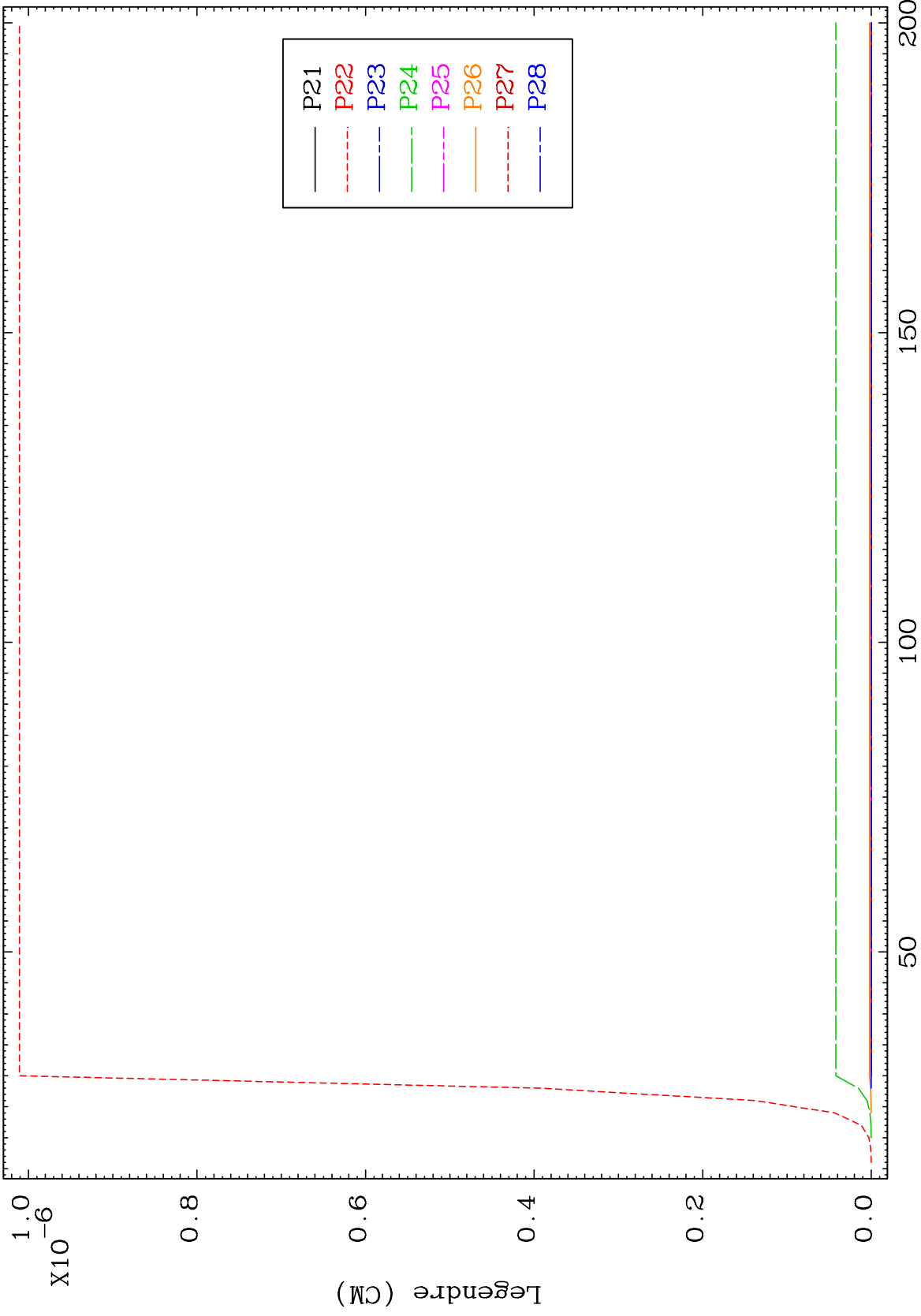
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



39

Incident Energy (MeV)

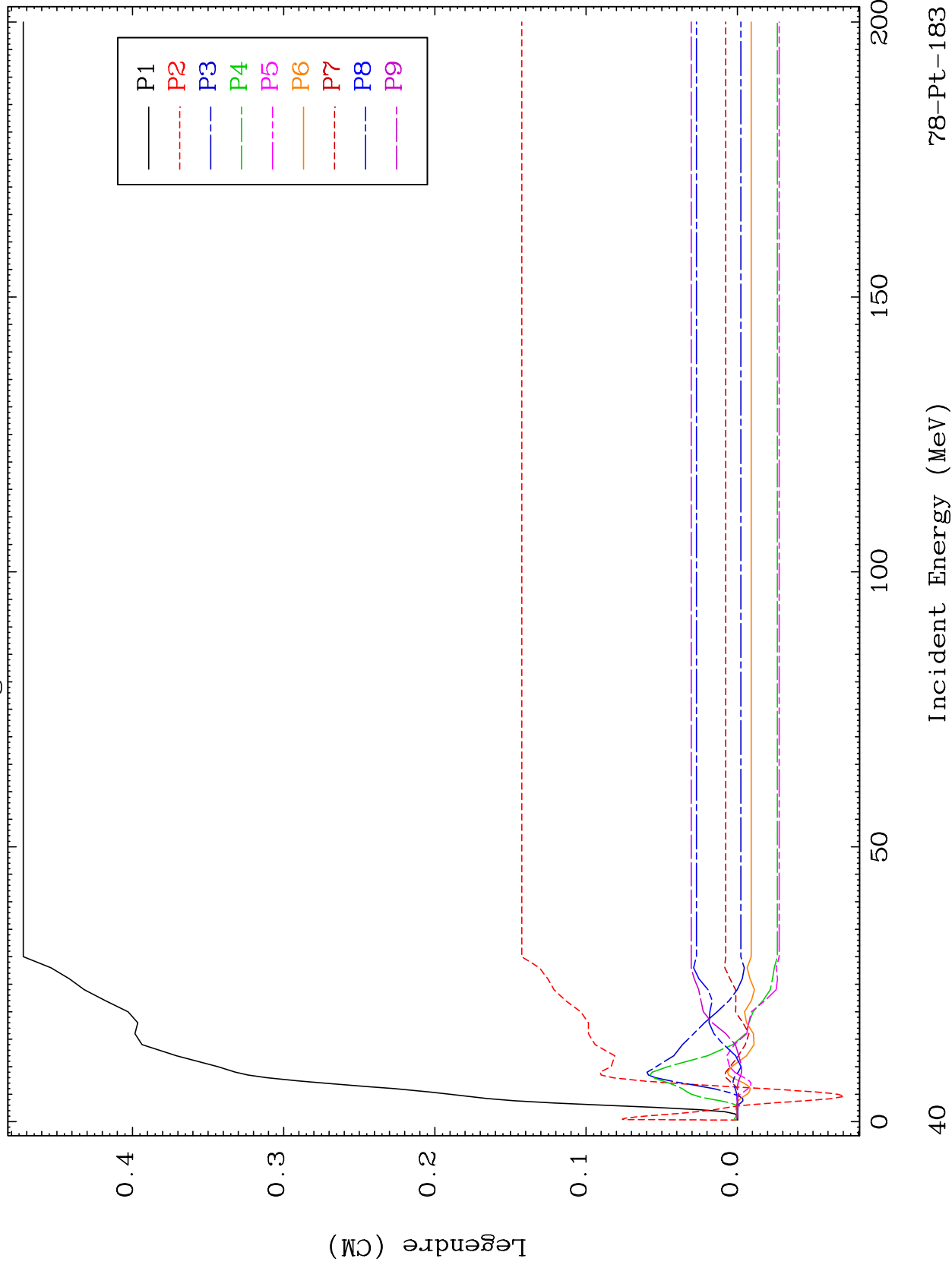
78-Pt-183



MAT 7804

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

78-Pt-183



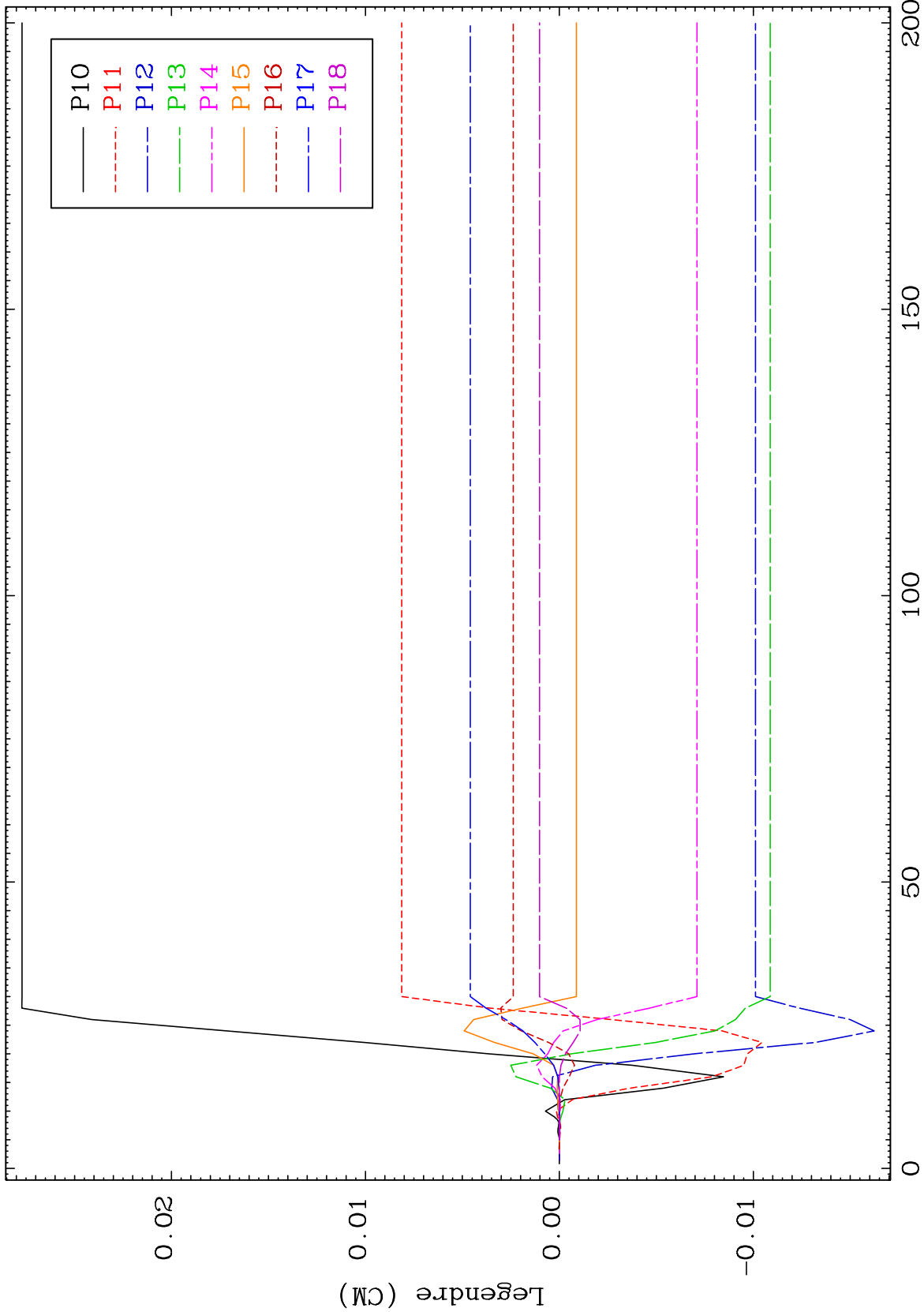
78-Pt-183

Incident Energy (MeV)

MAT 7804

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

78-Pt-183



41

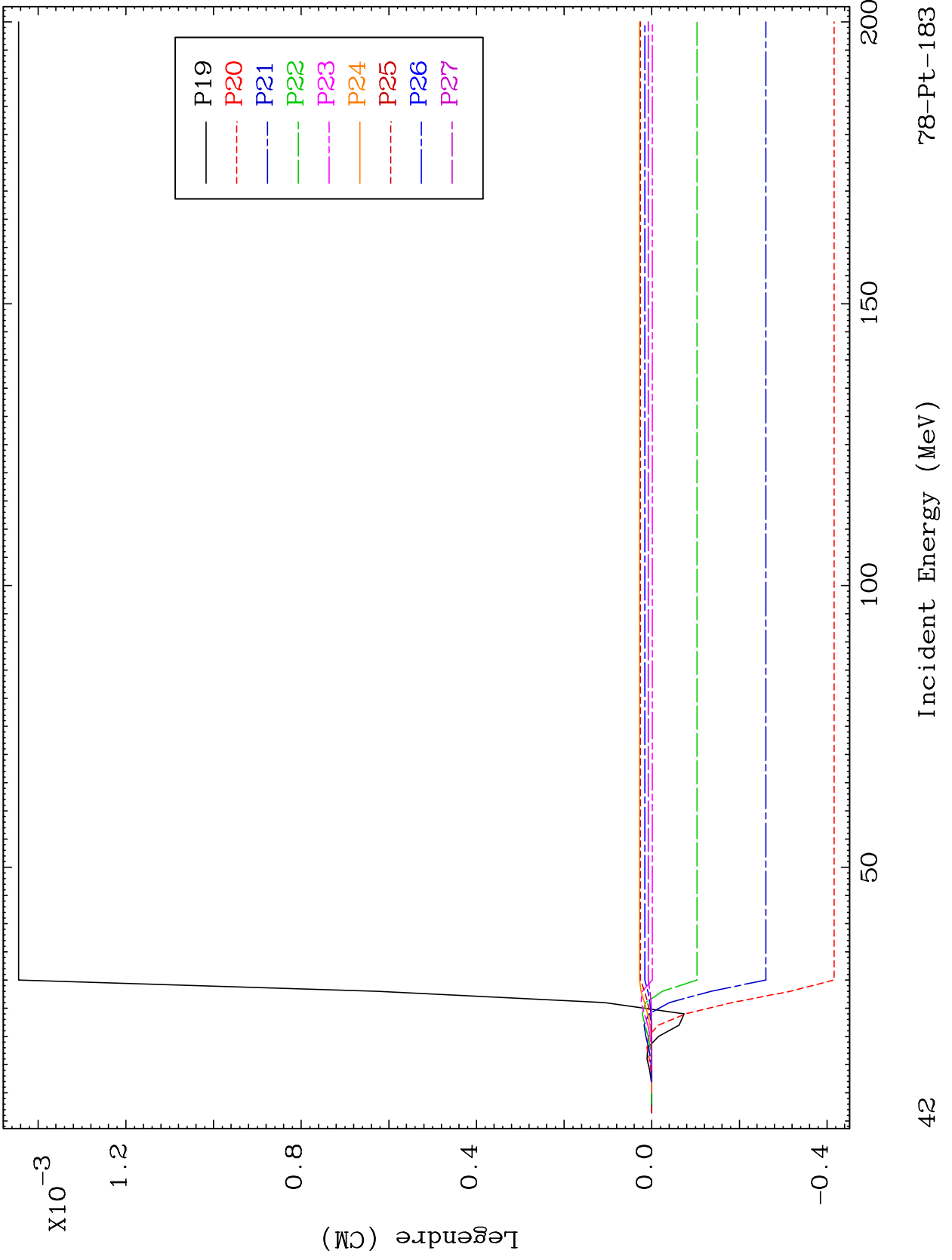
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

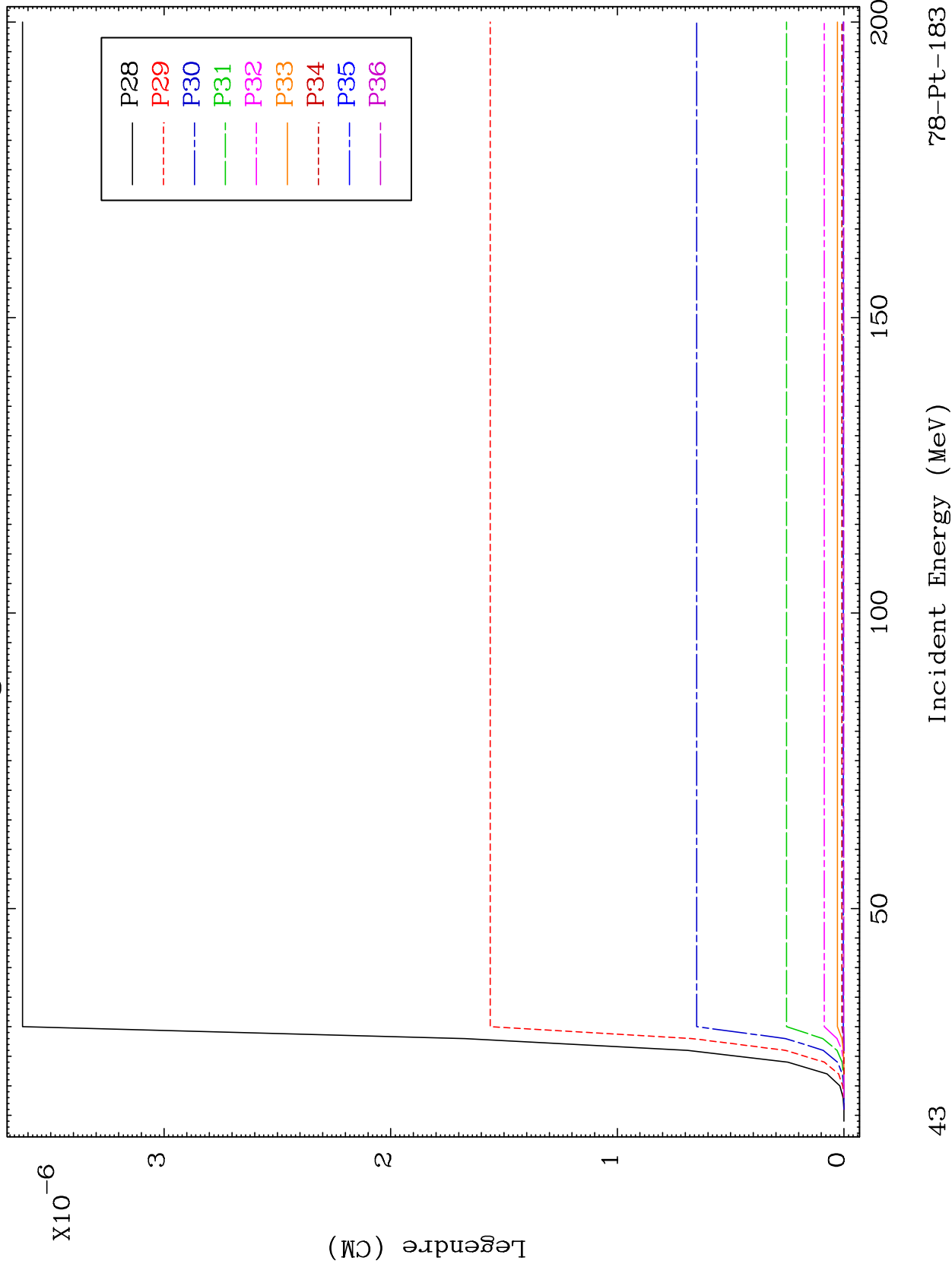
78-Pt-183



MAT 7804

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

78-Pt-183



43

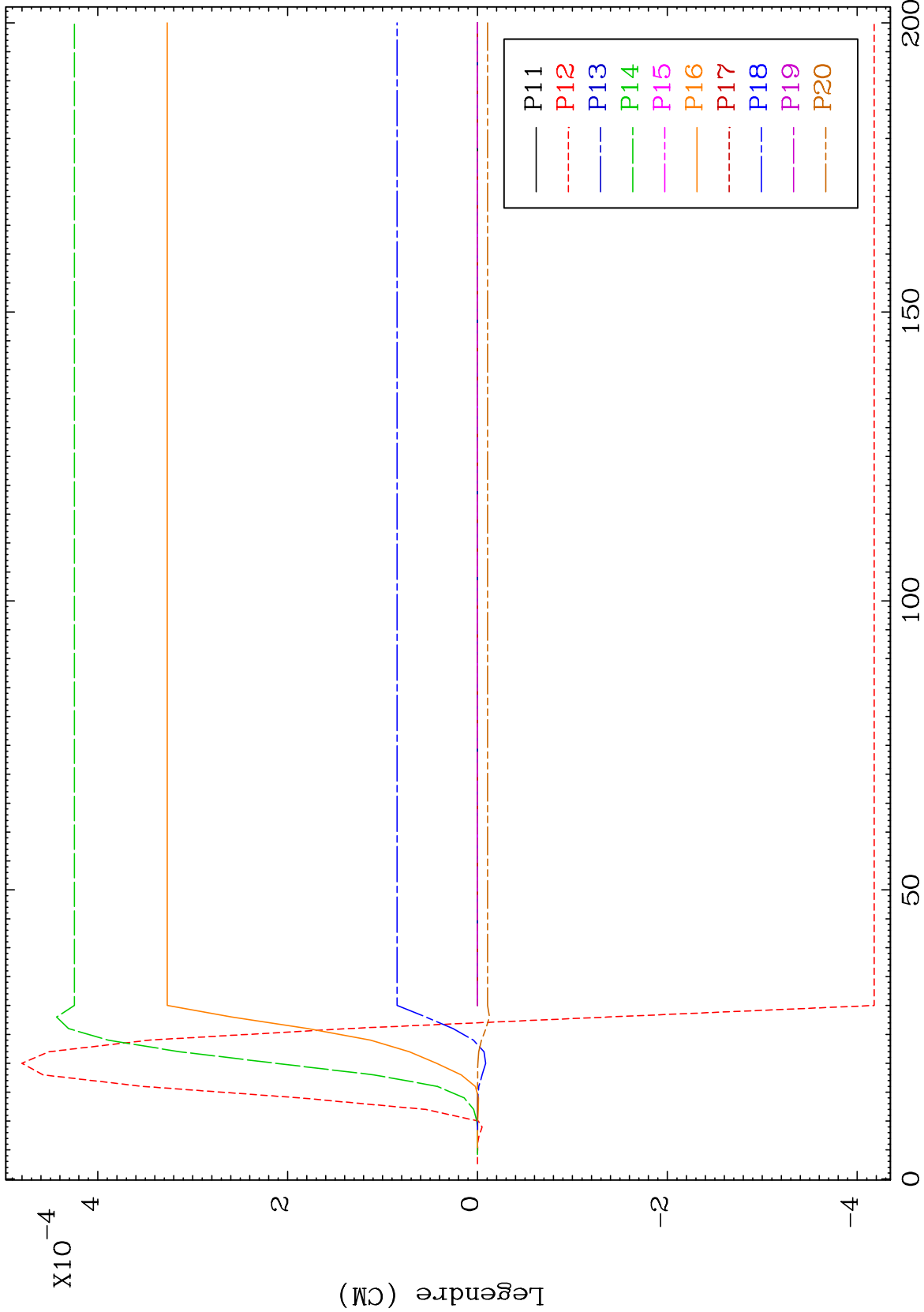
78-Pt-183



MAT 7804

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

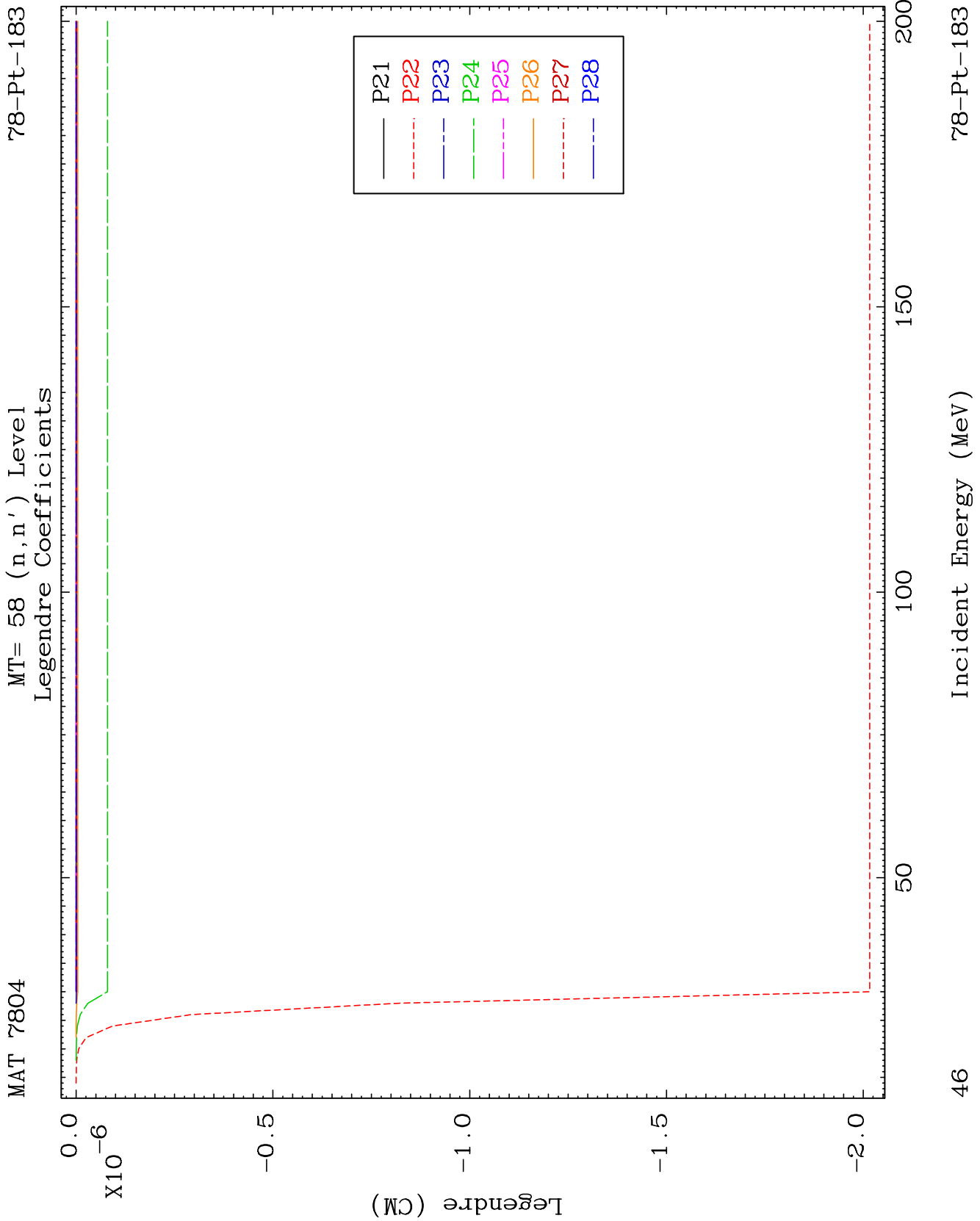
78-Pt-183

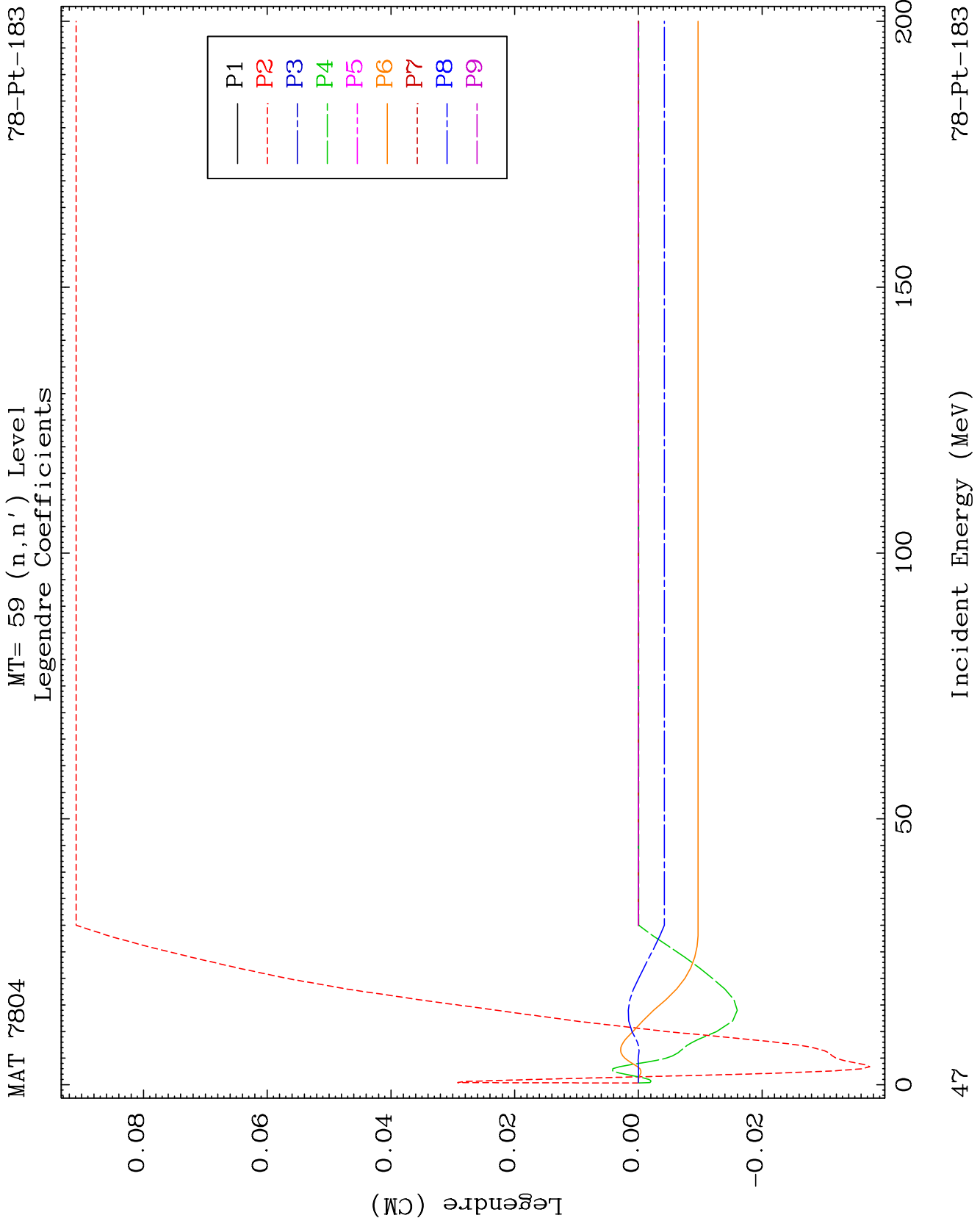


45

Incident Energy (MeV)

78-Pt-183



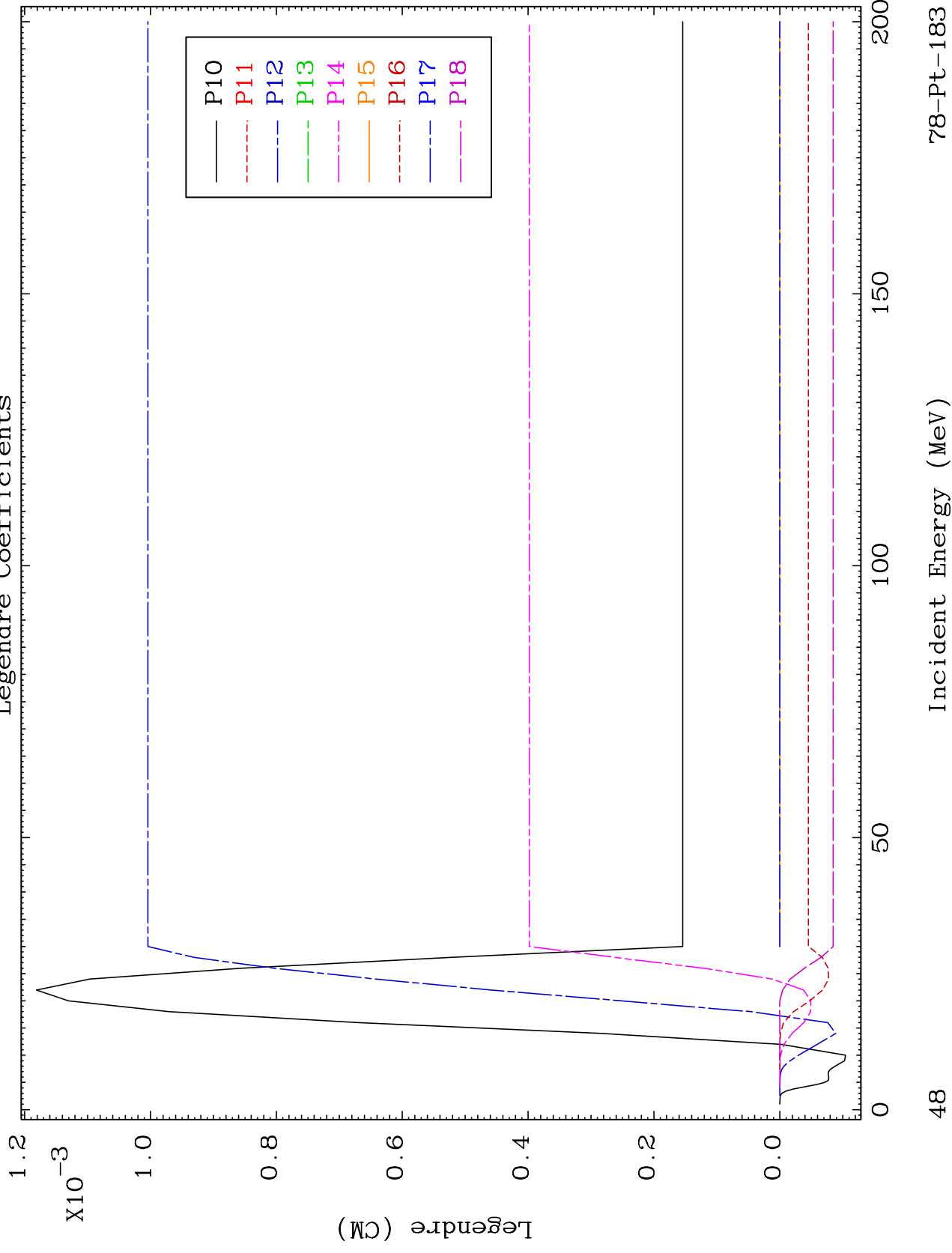




MAT 7804

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

78-Pt-183



78-Pt-183

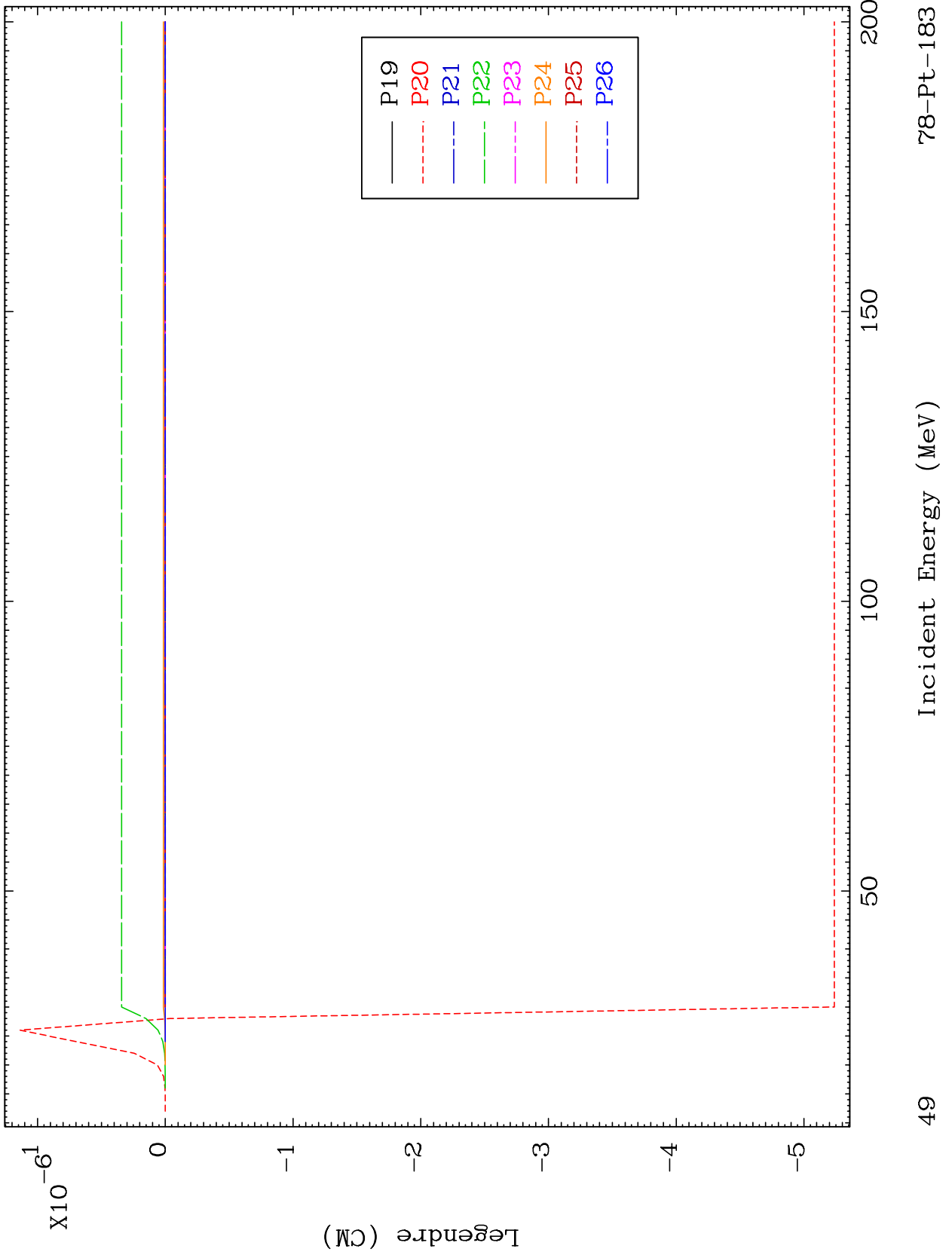
Incident Energy (MeV)

48

MAT 7804

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

78-Pt-183



49

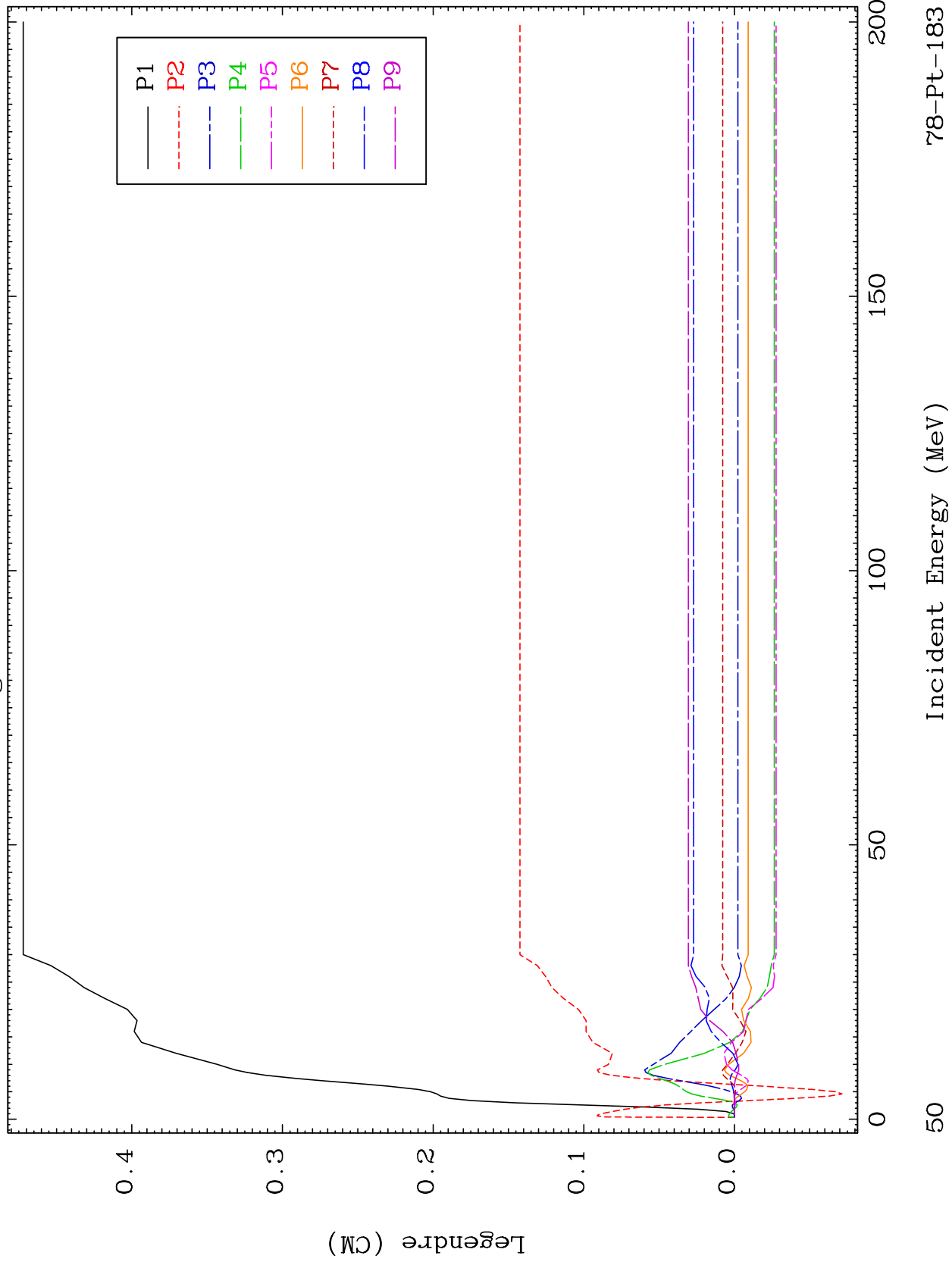
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

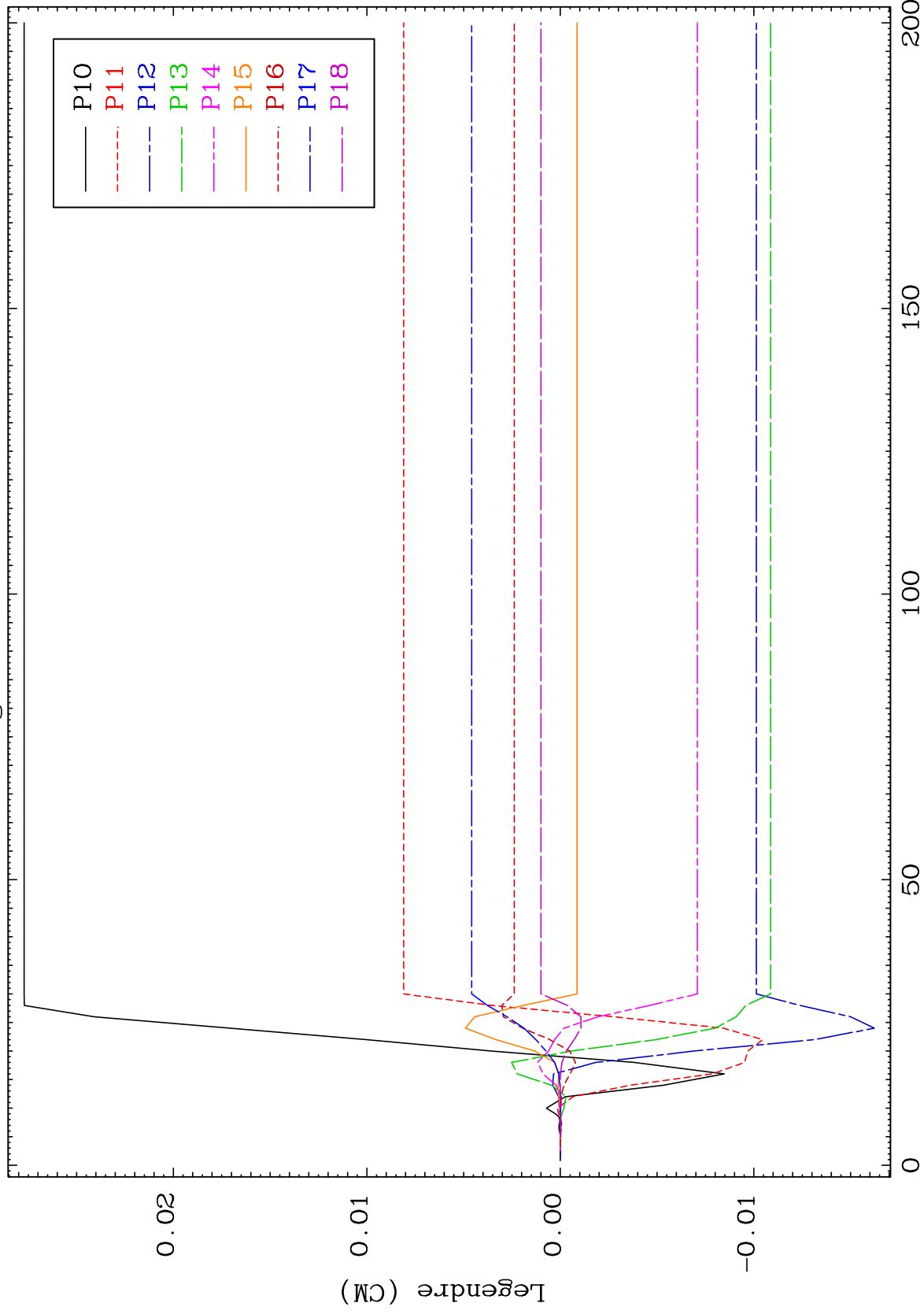
78-Pt-183



MAT 7804

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

78-Pt-183



51

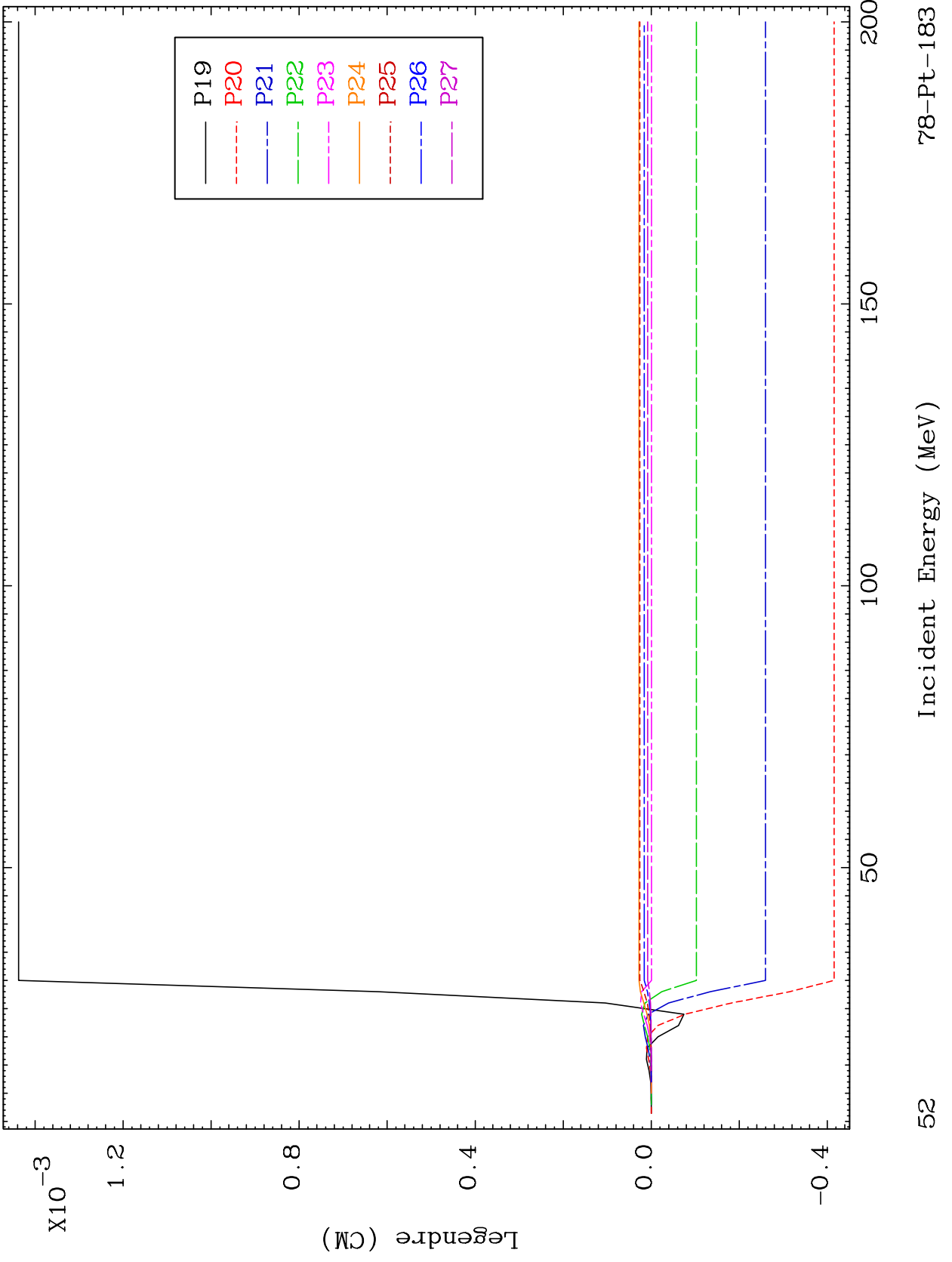
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



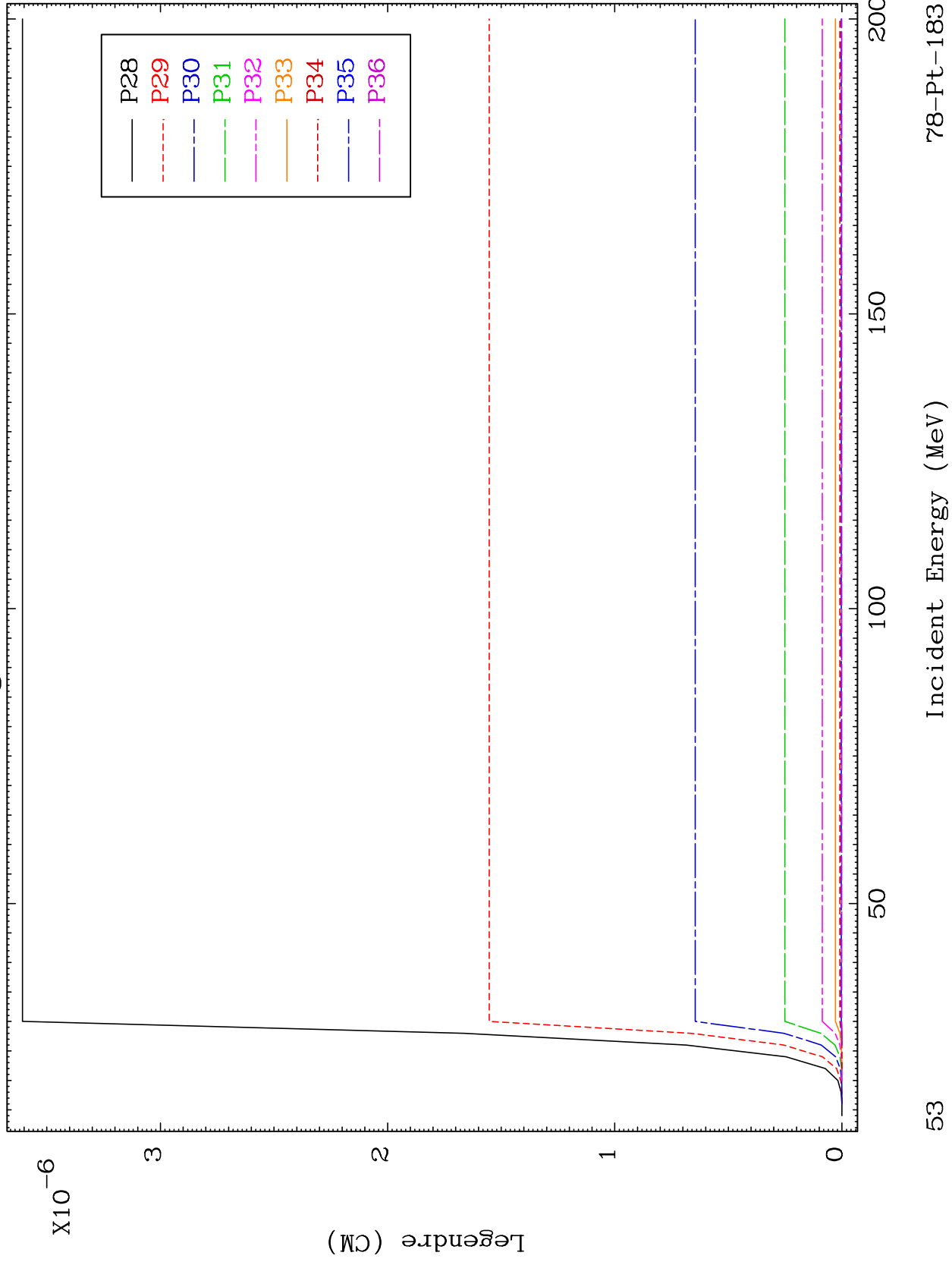
52

78-Pt-183

MAT 7804

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

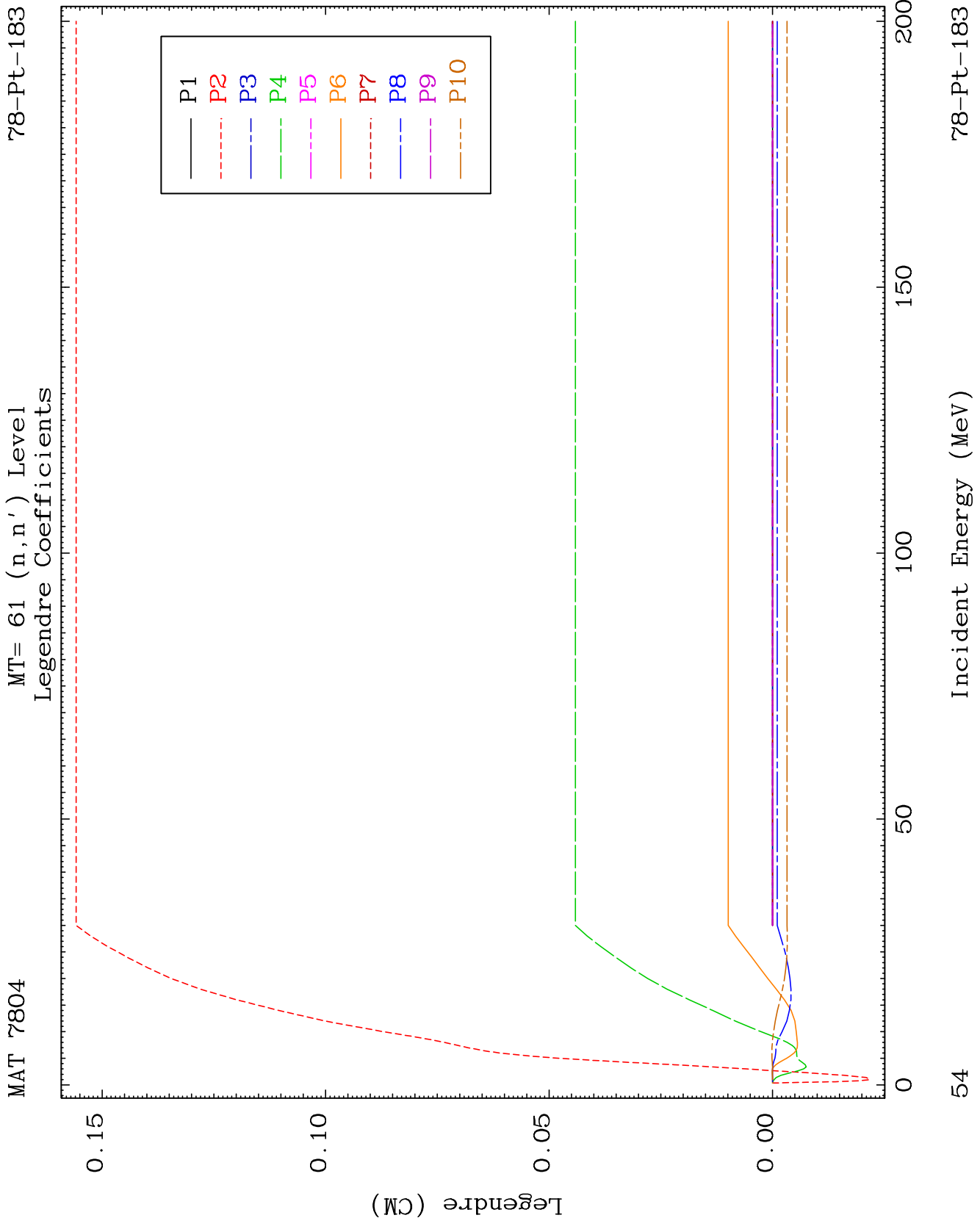
78-Pt-183



53

Incident Energy (MeV)

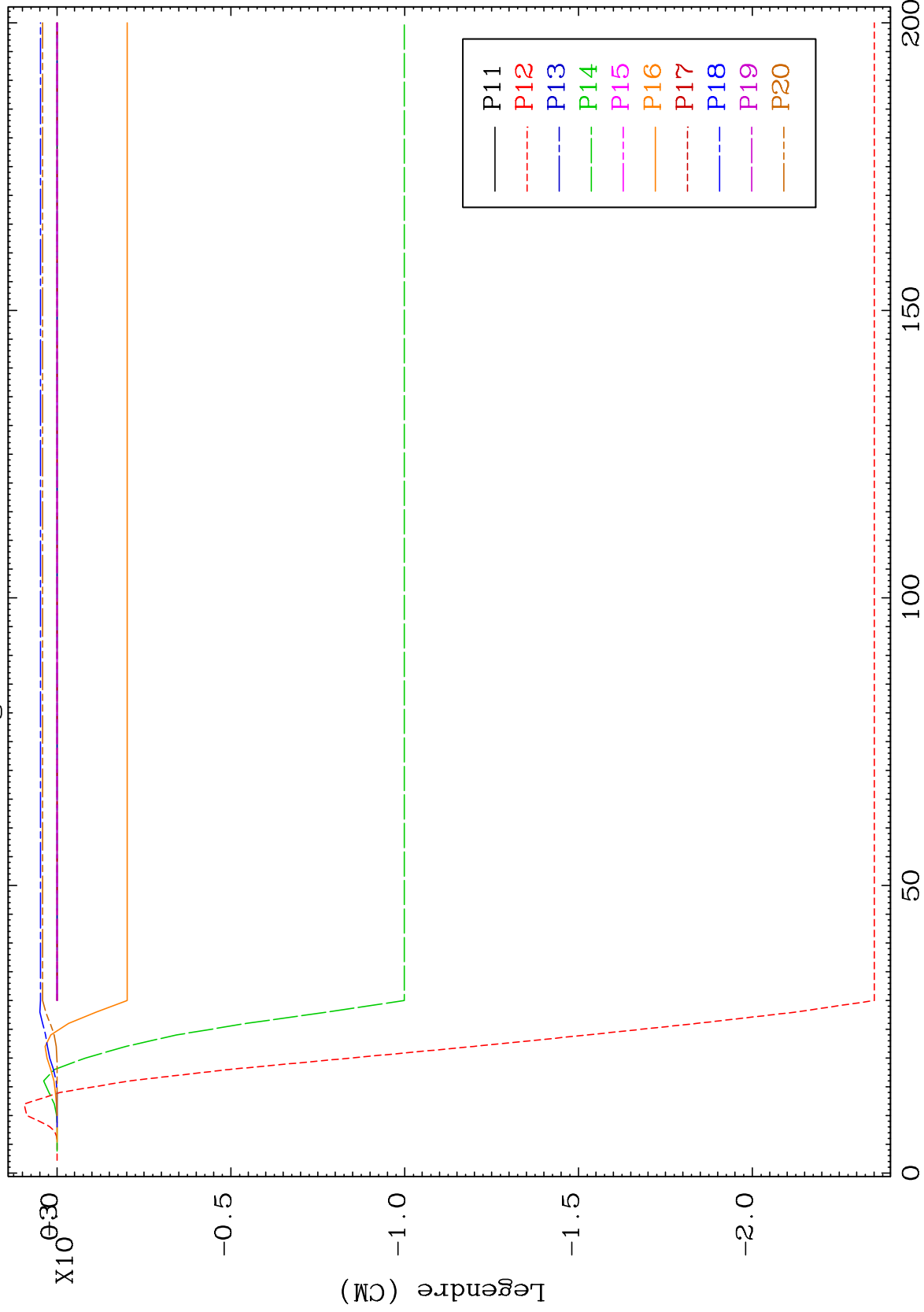
78-Pt-183



MAT 7804

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

78-Pt-183



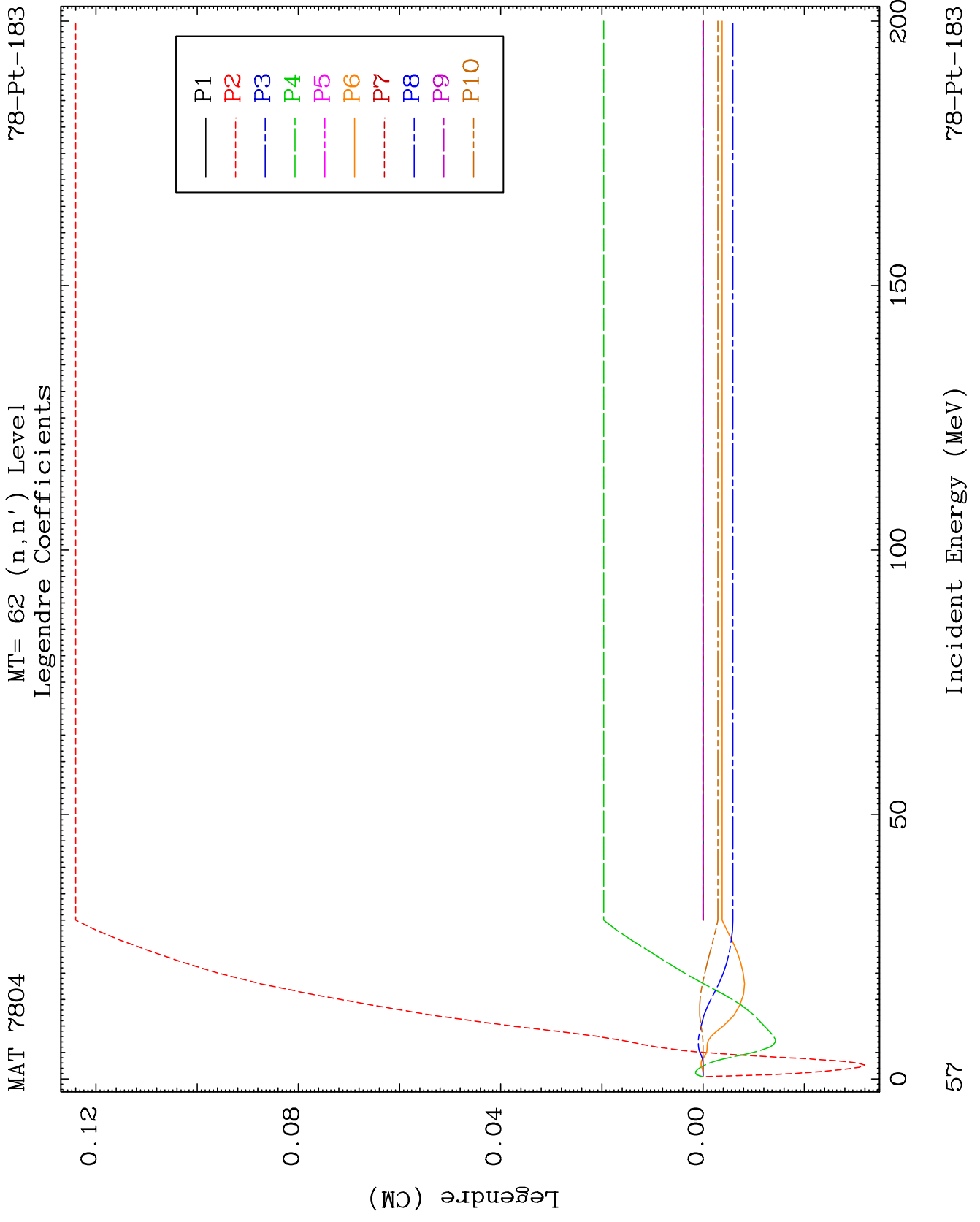
55

Incident Energy (MeV)

78-Pt-183



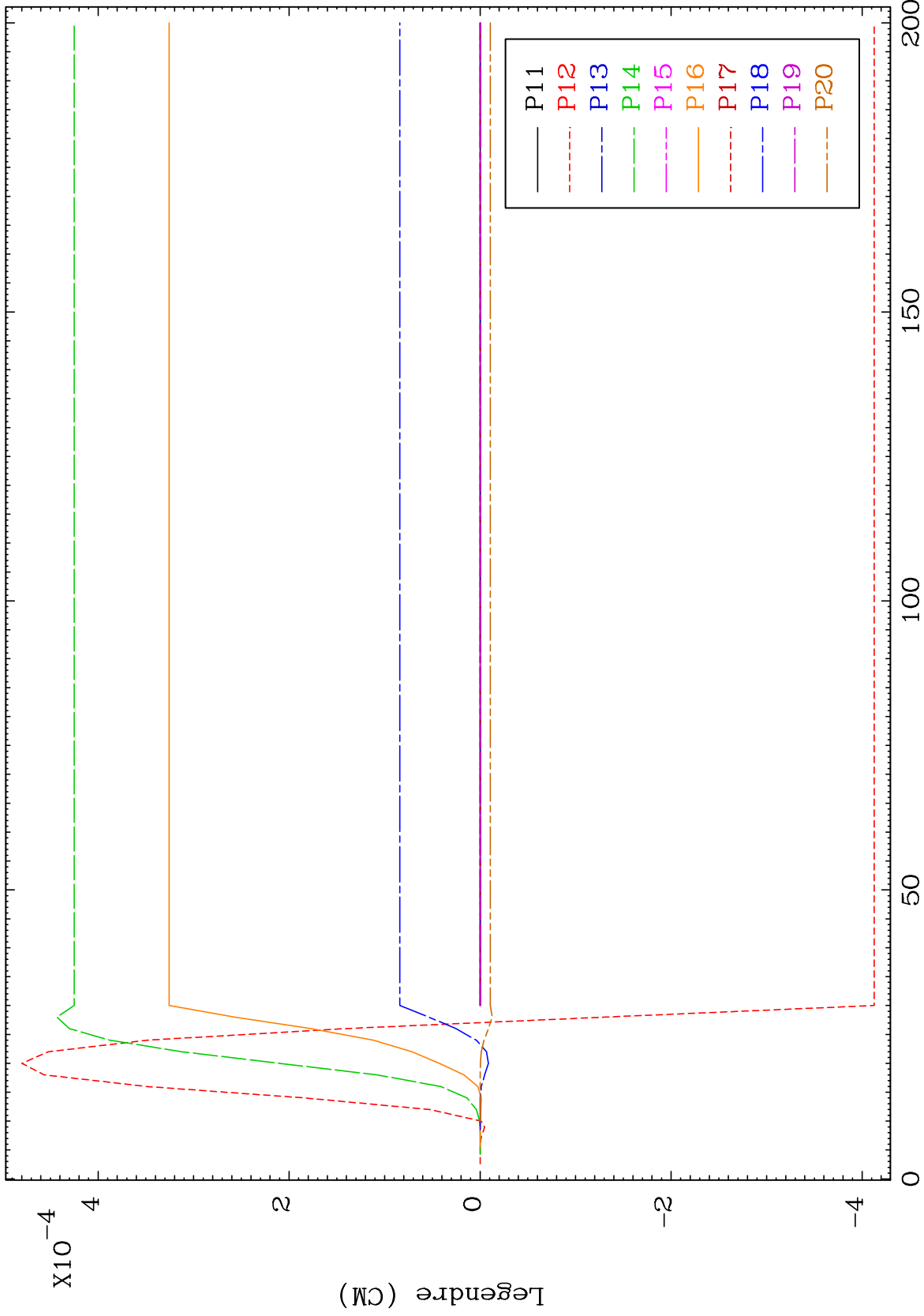




MAT 7804

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

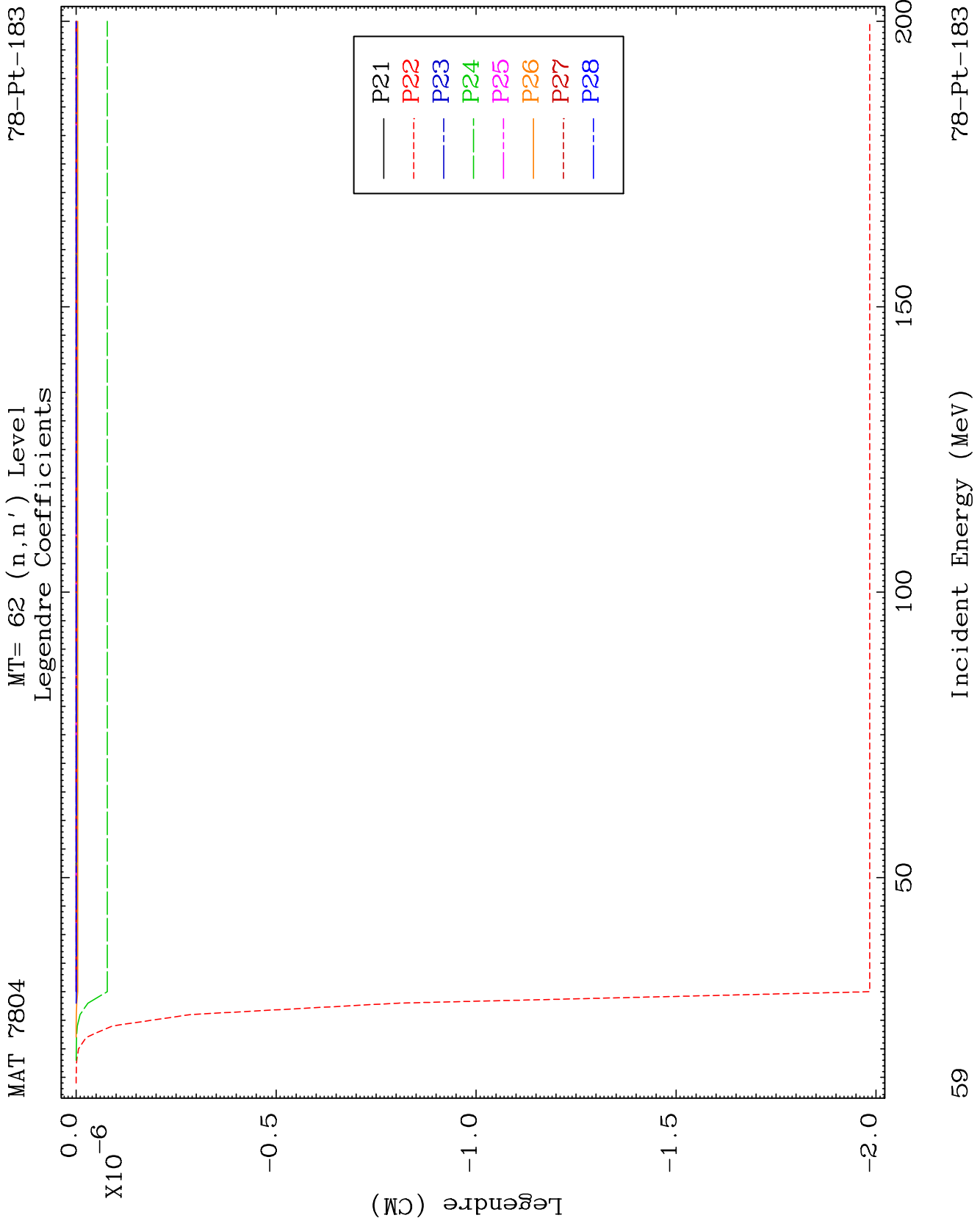
78-Pt-183



58

Incident Energy (MeV)

78-Pt-183

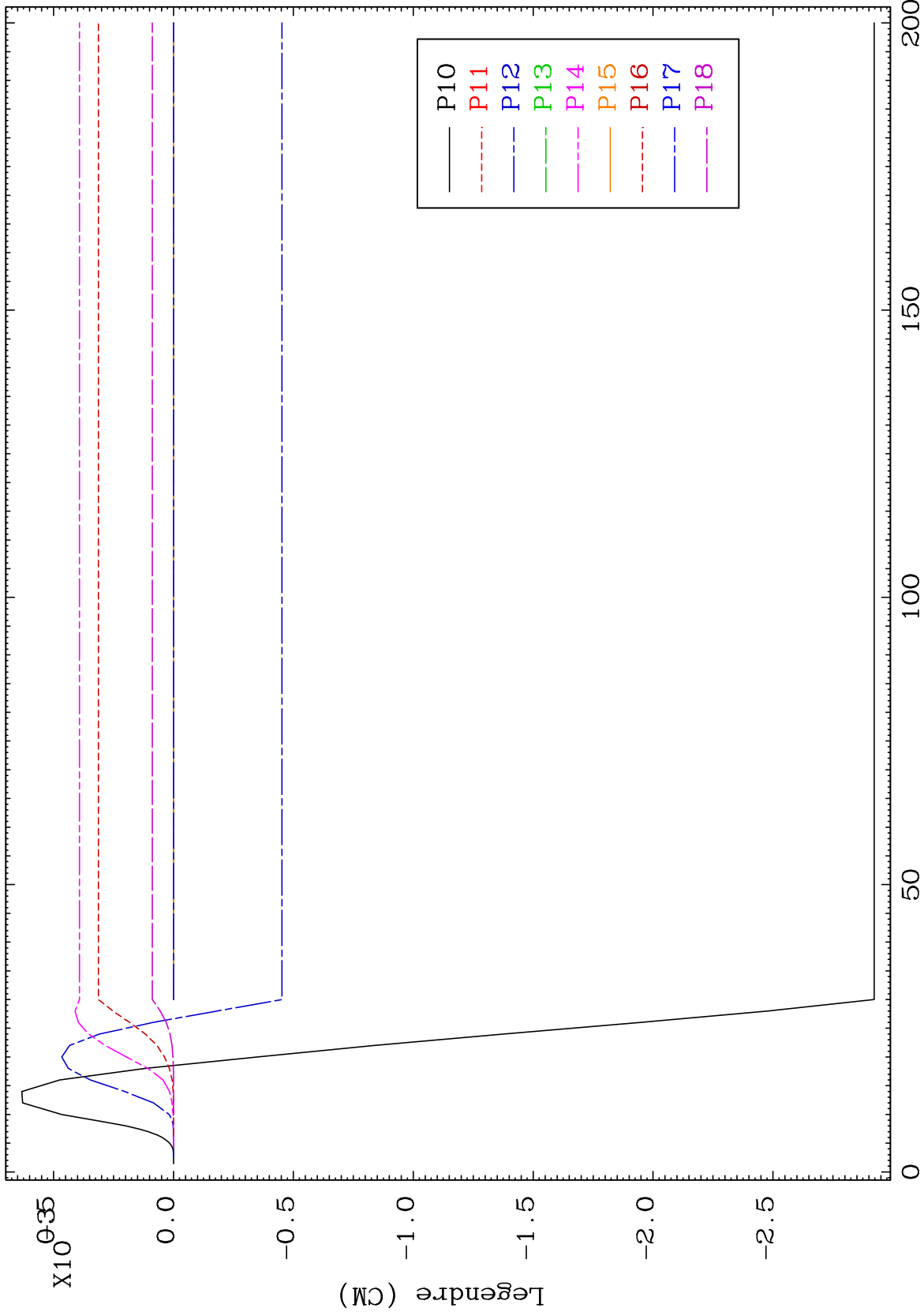




MAT 7804

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

78-Pt-183



61

Incident Energy (MeV)

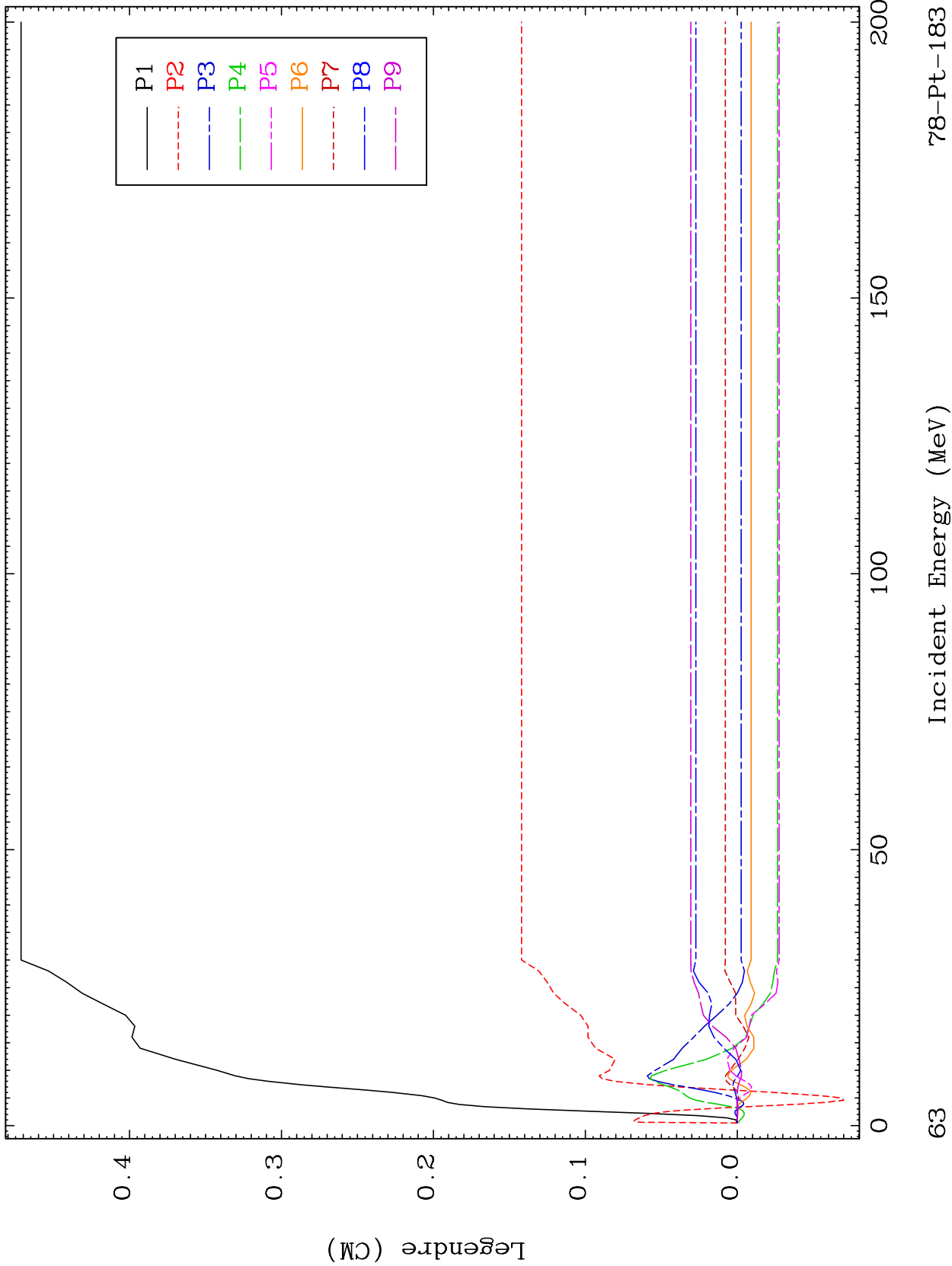
78-Pt-183



MAT 7804

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

78-Pt-183

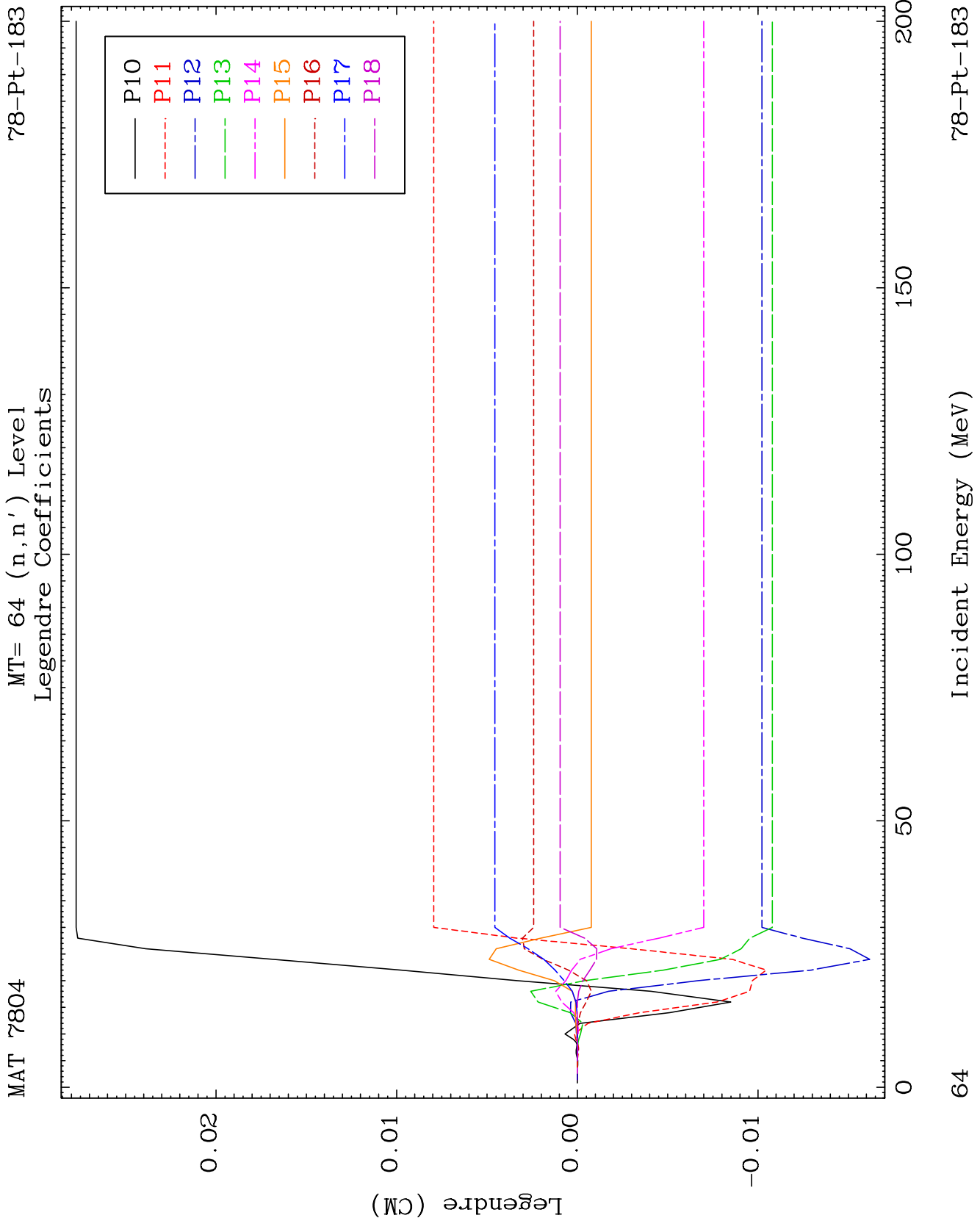


78-Pt-183

Incident Energy (MeV)

63

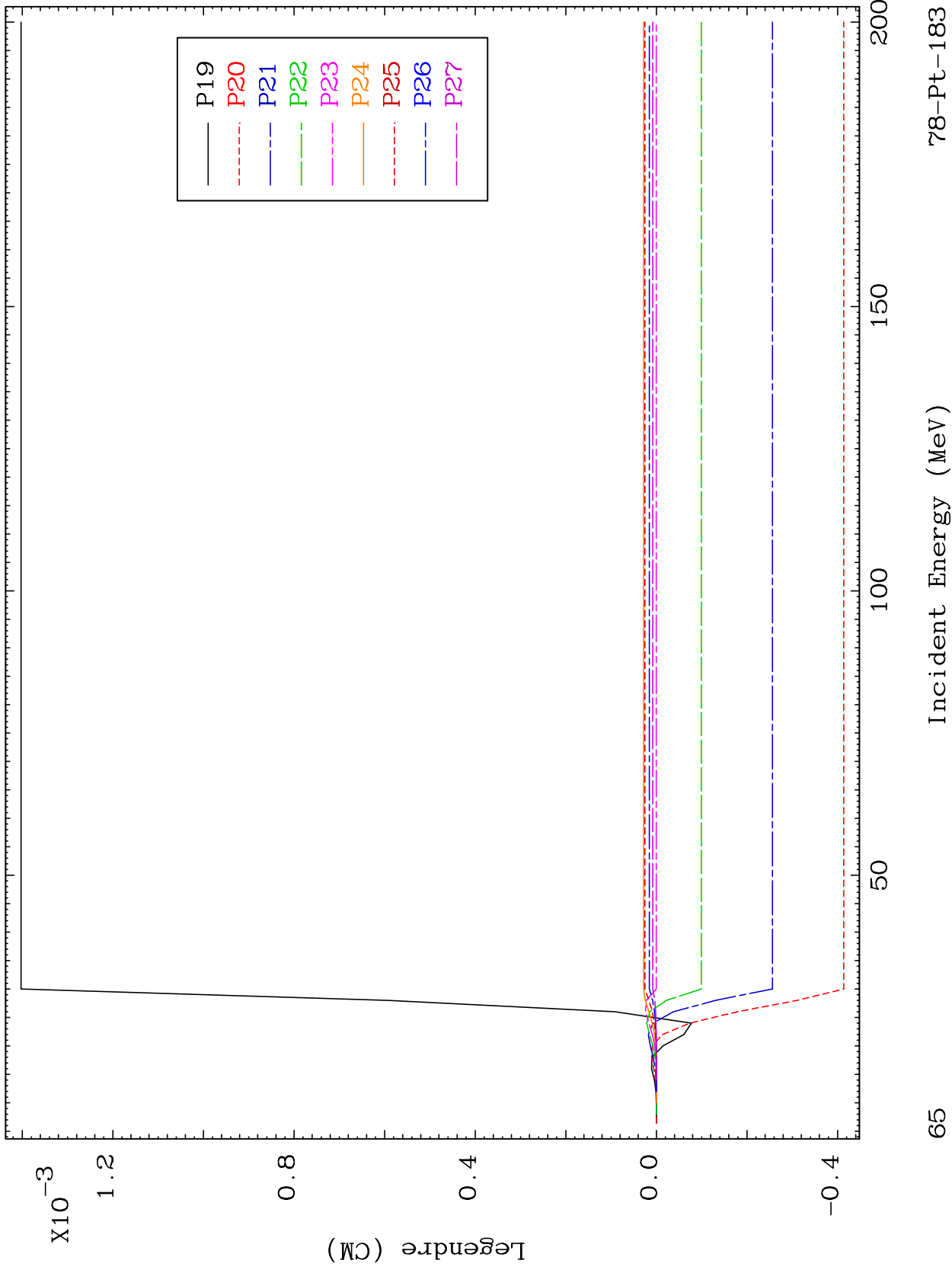




MAT 7804

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

78-Pt-183



65

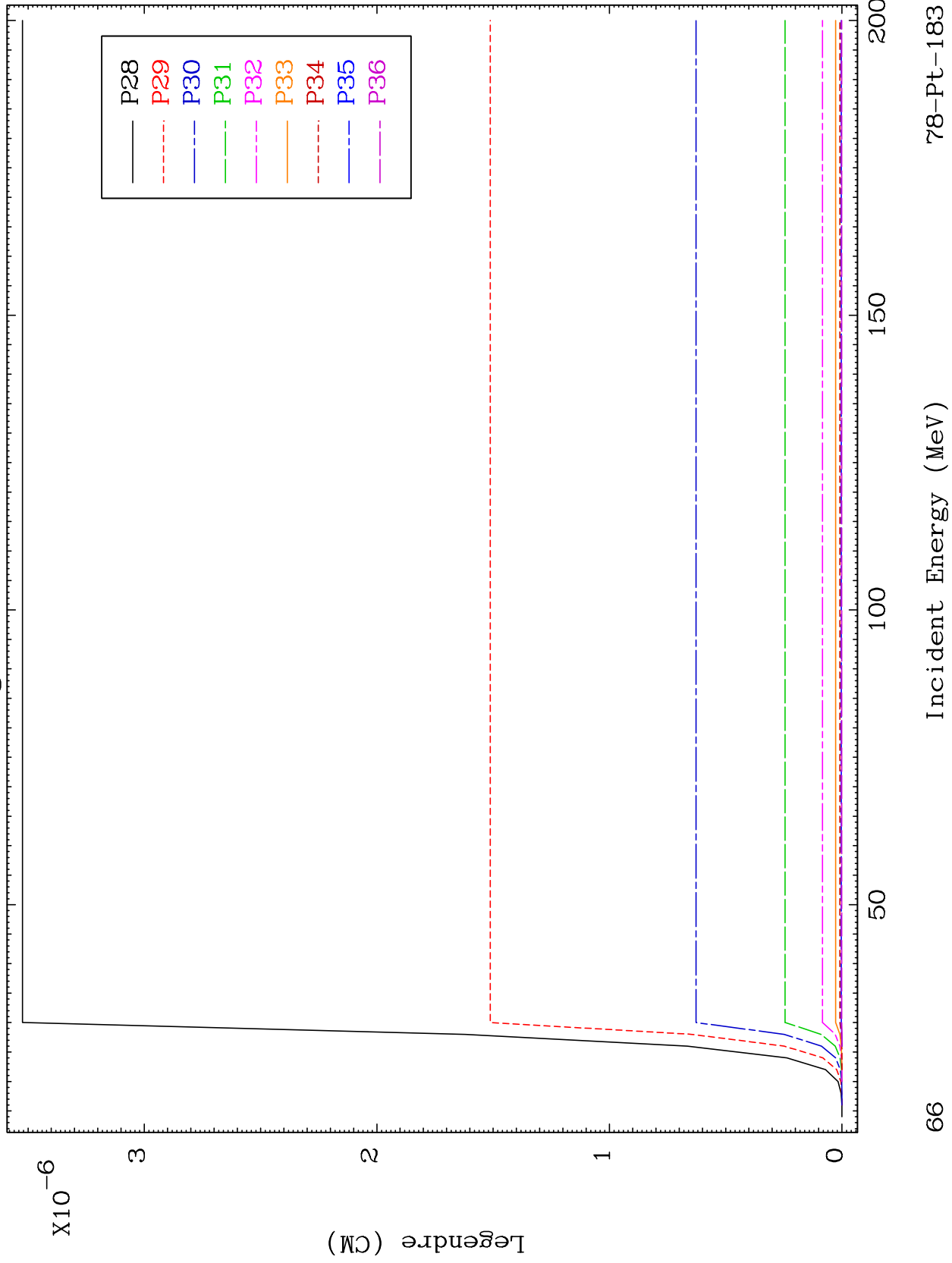
Incident Energy (MeV)

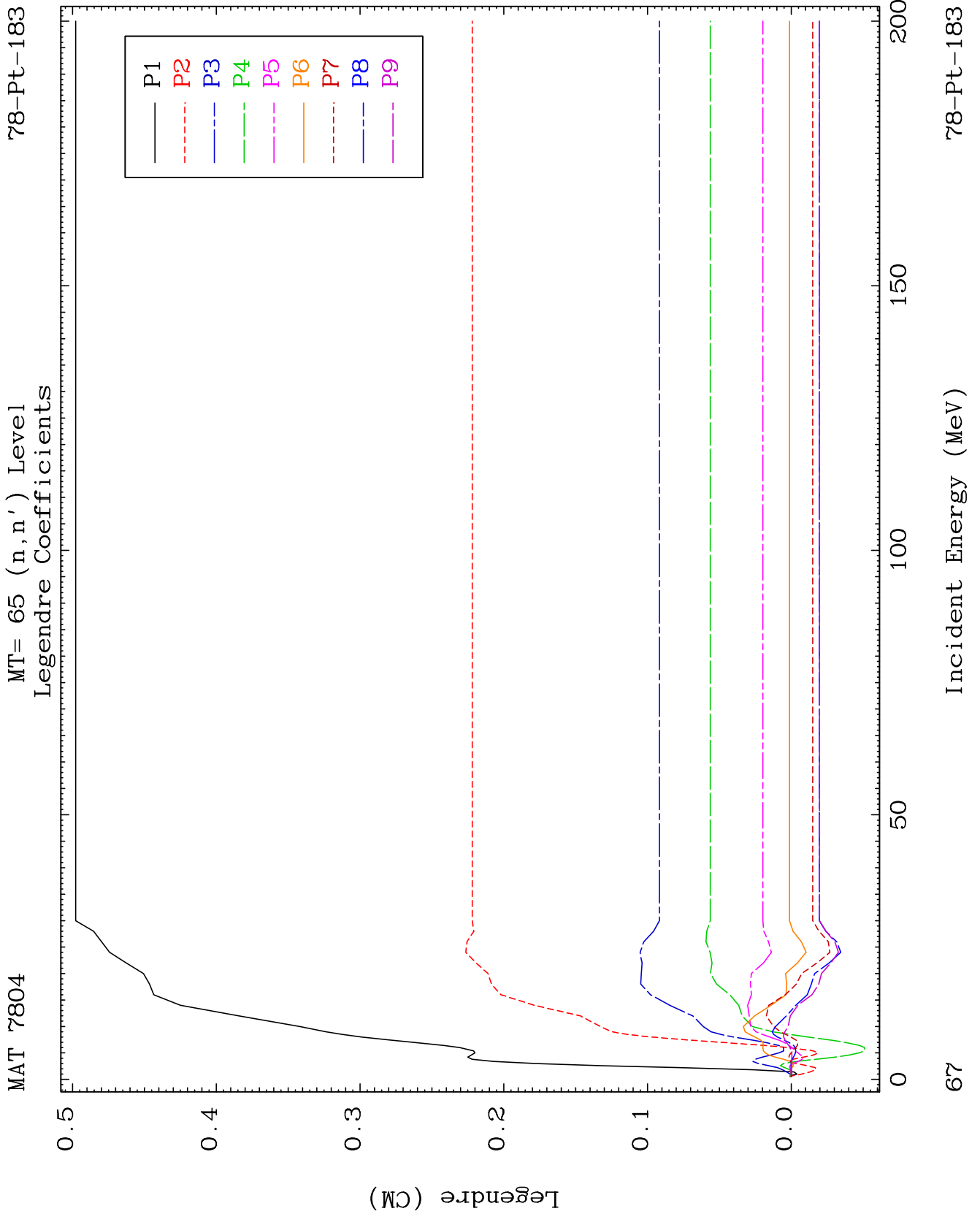
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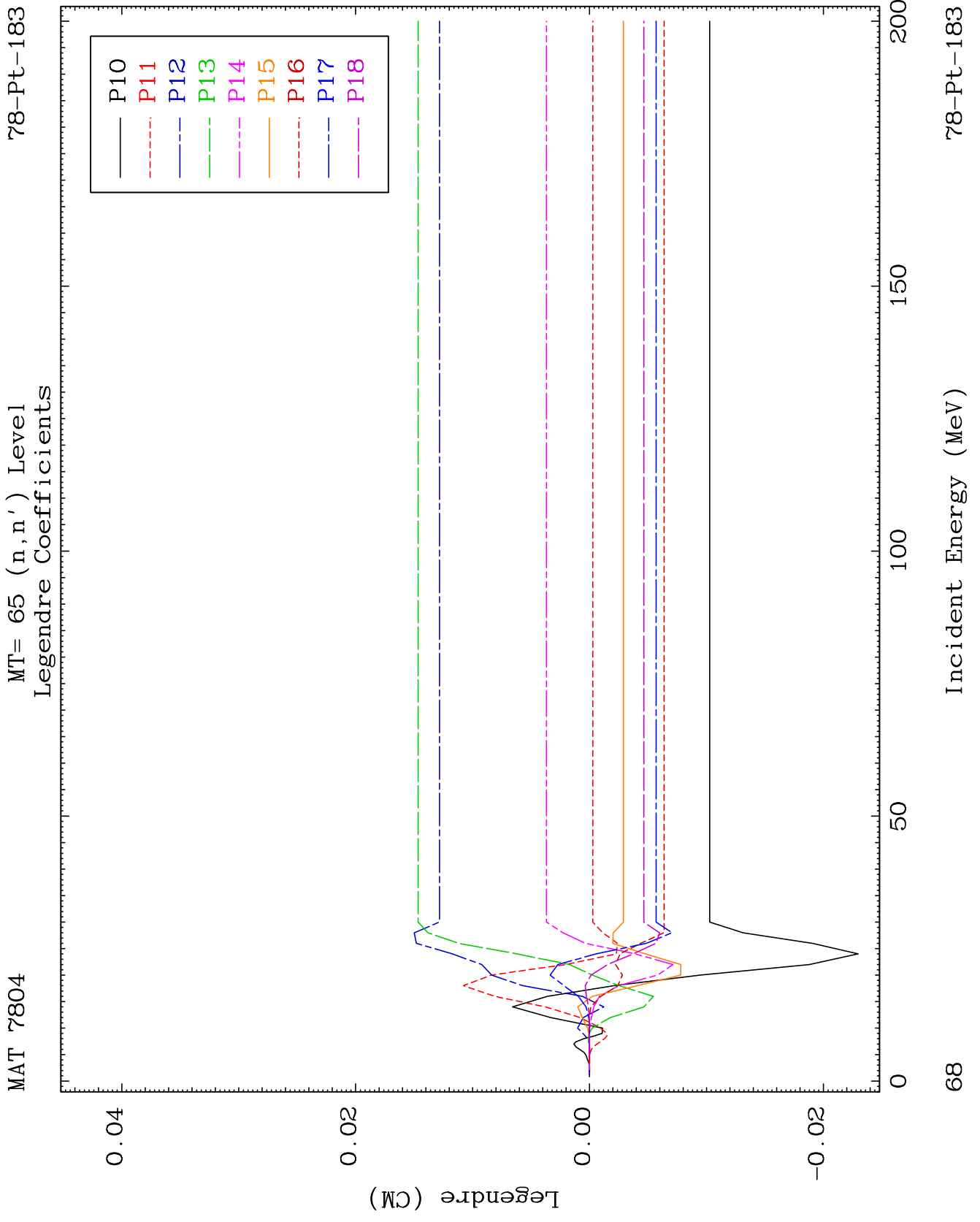
MAT 7804

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

78-Pt-183



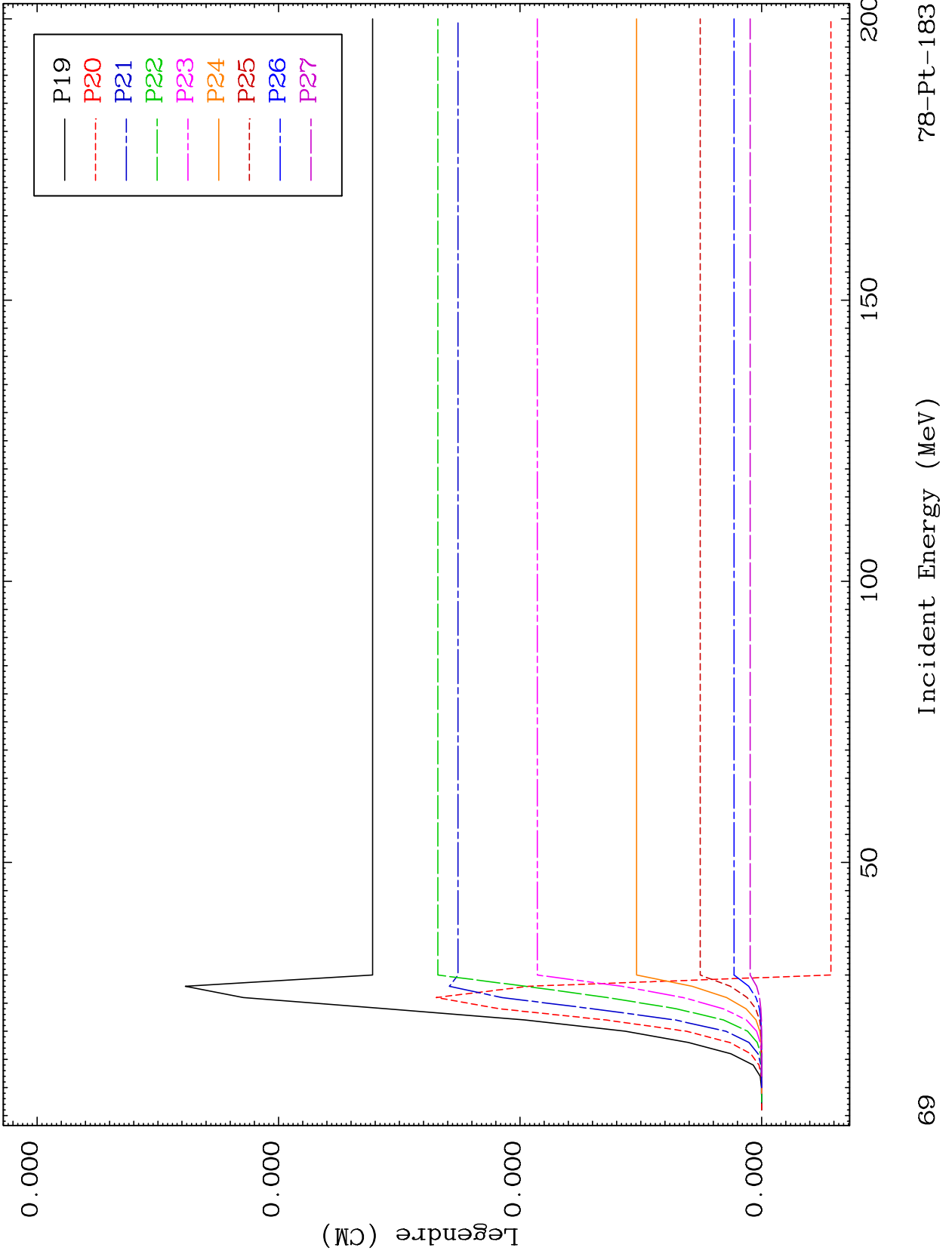




MAT 7804

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

78-Pt-183



69

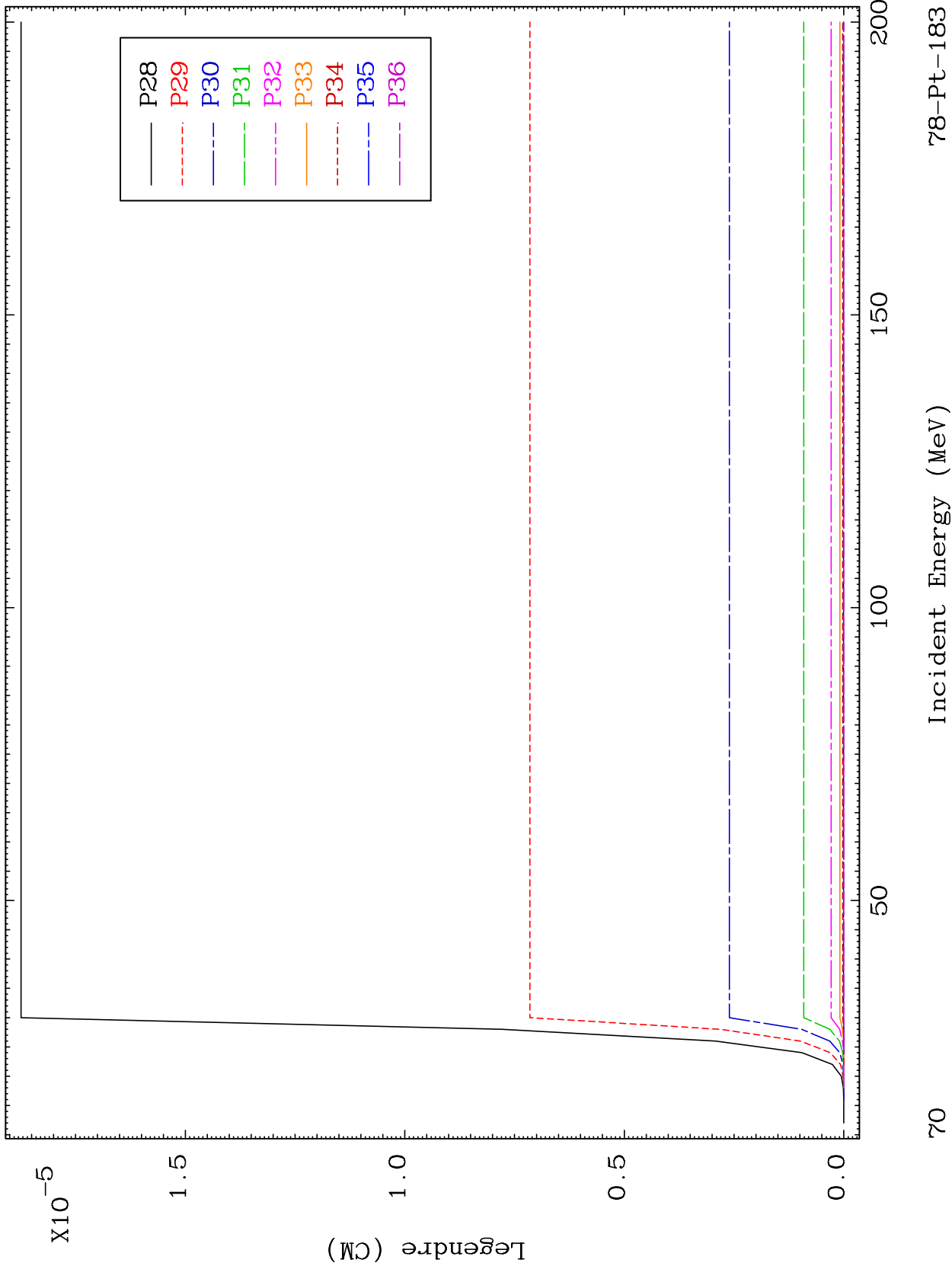
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



70

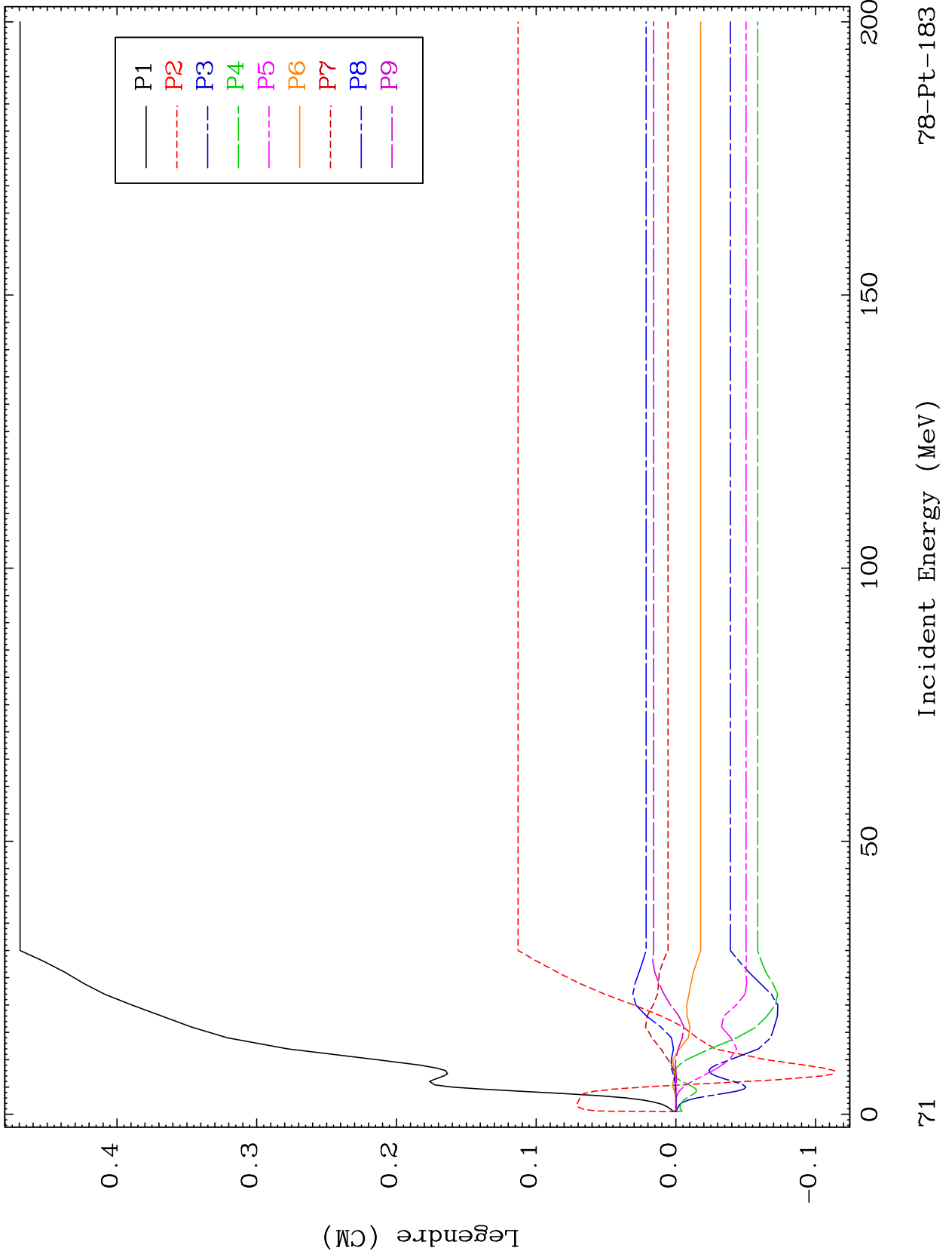
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



71

Incident Energy (MeV)

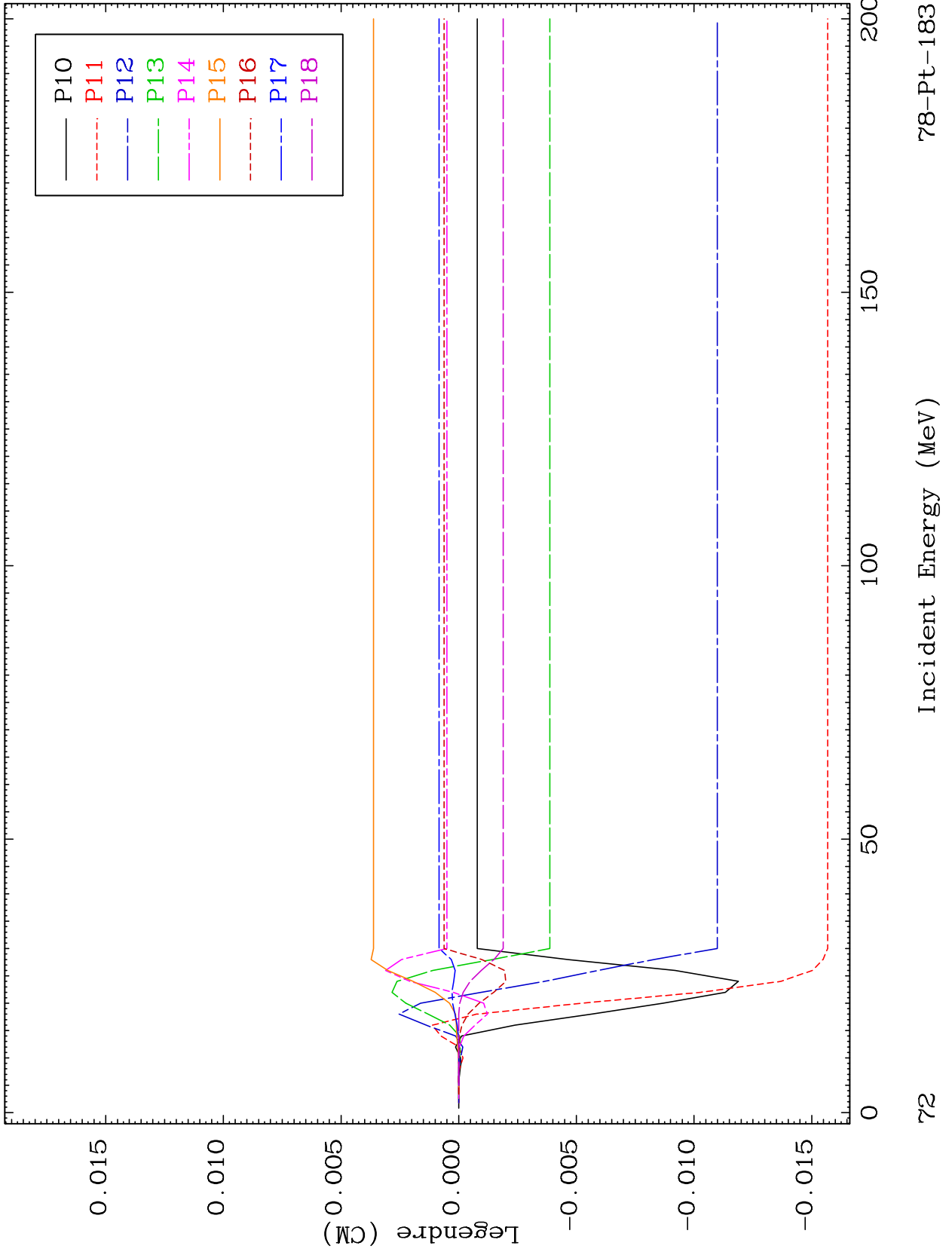
78-Pt-183



MAT 7804

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

78-Pt-183



72

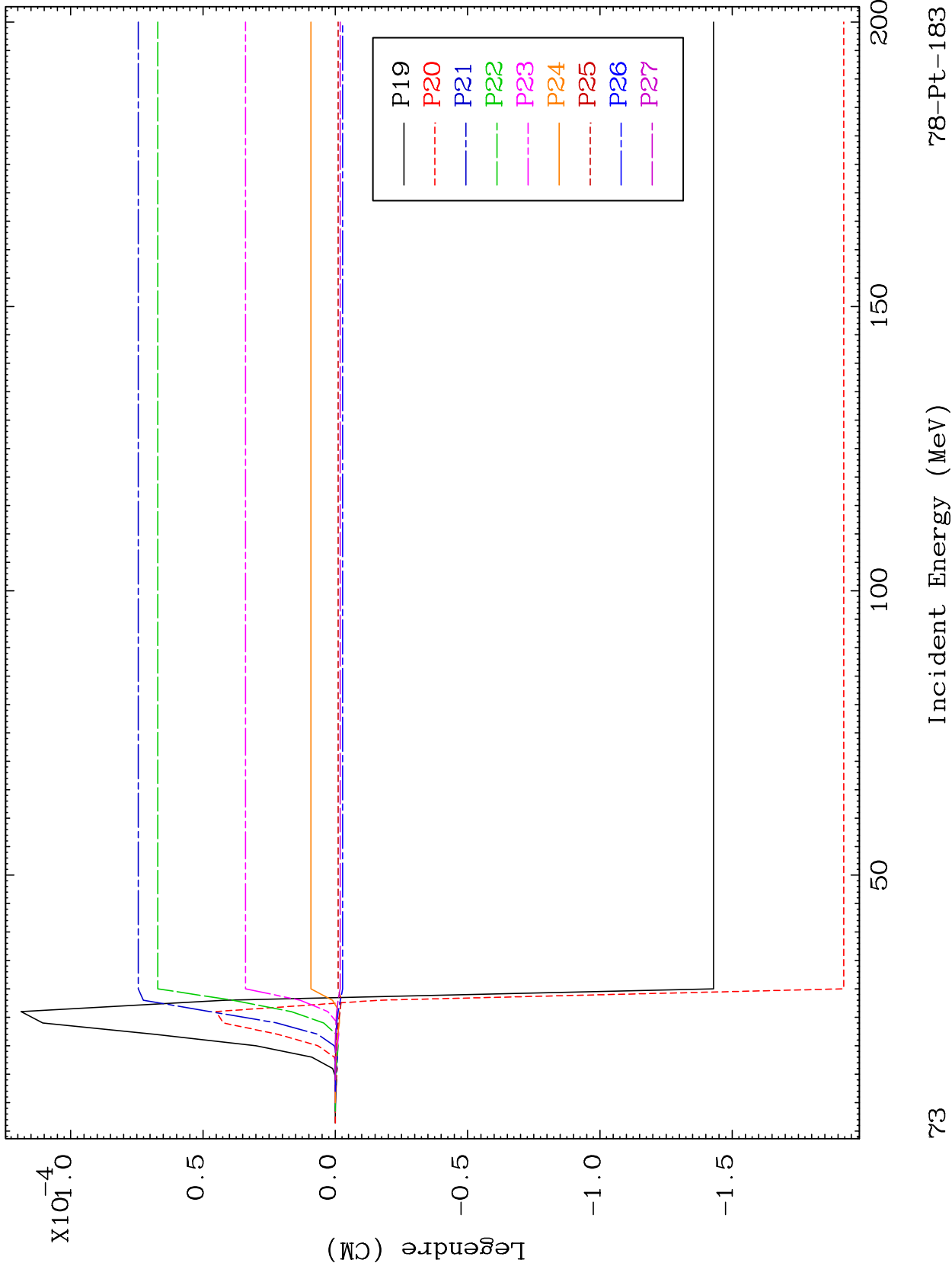
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



73

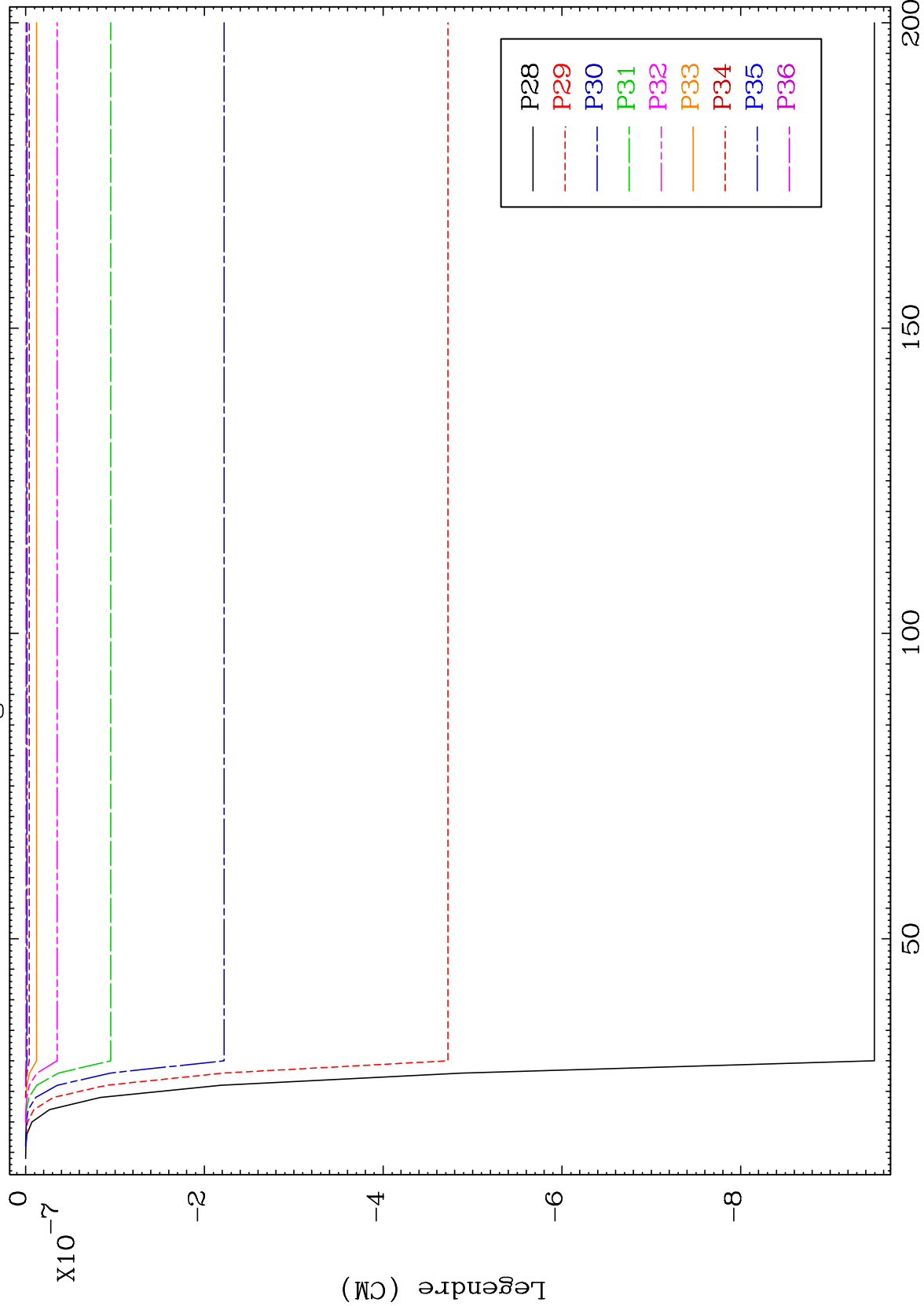
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

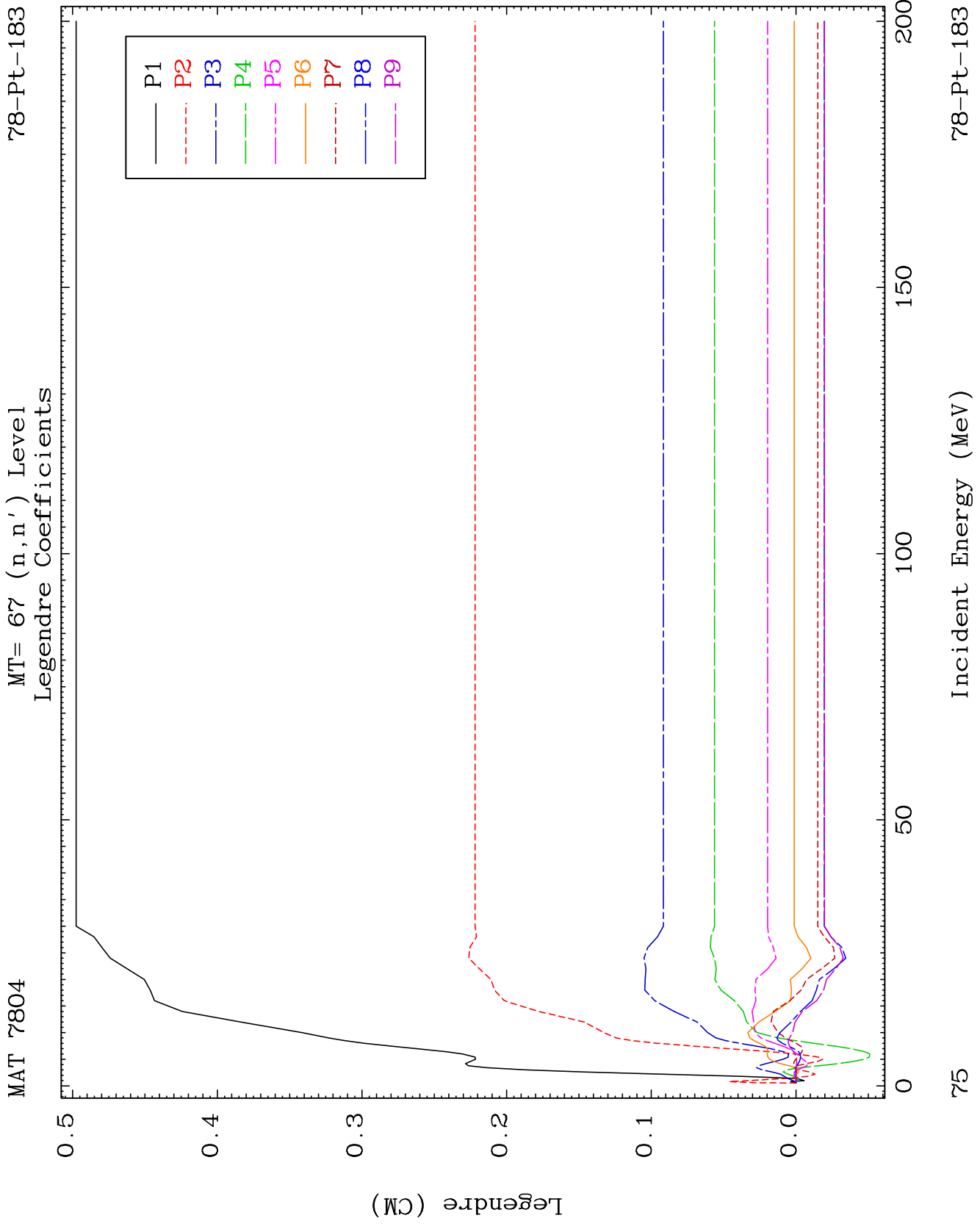
78-Pt-183

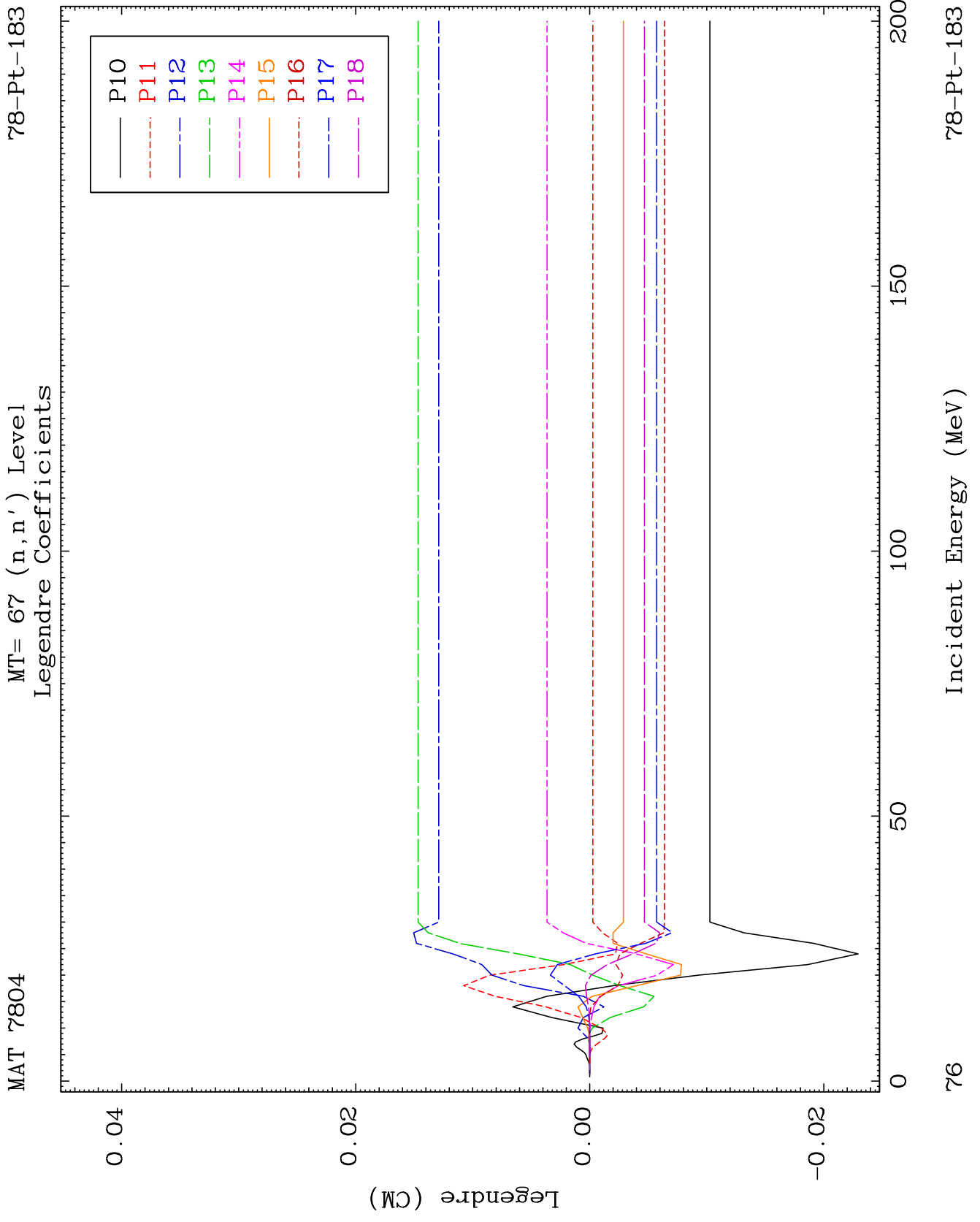


74

Incident Energy (MeV)

78-Pt-183

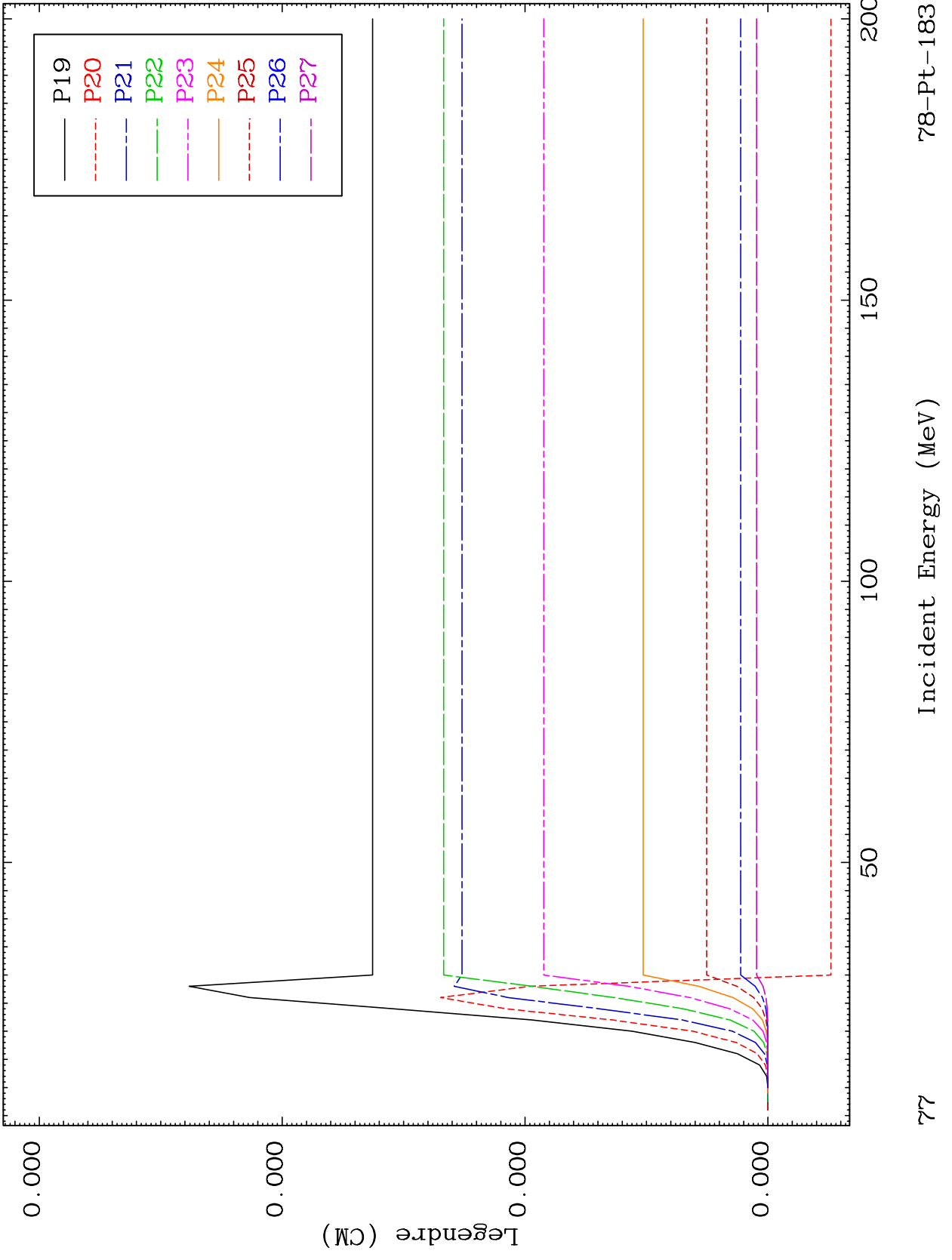




MAT 7804

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

78-Pt-183



77

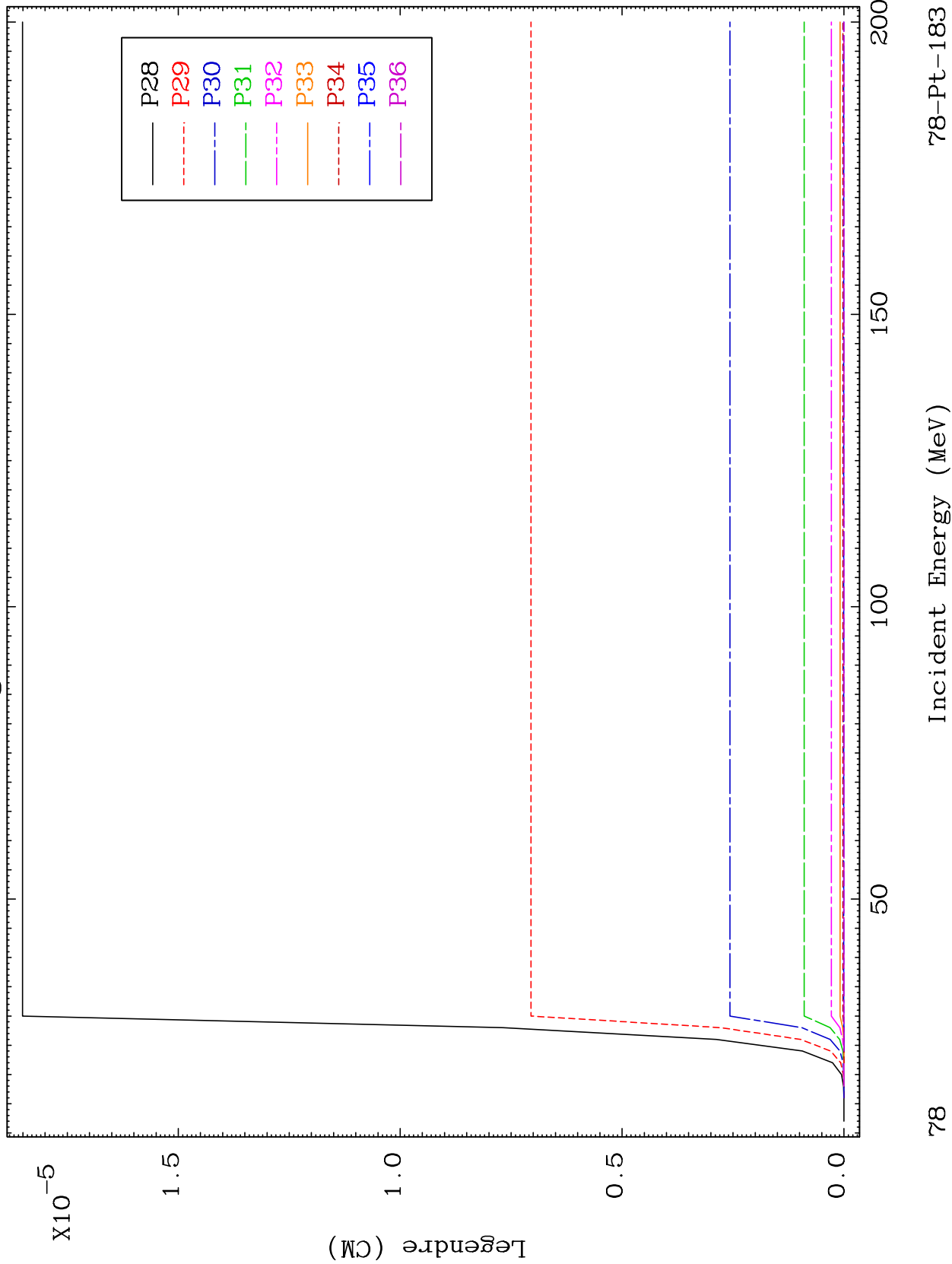
Incident Energy (MeV)

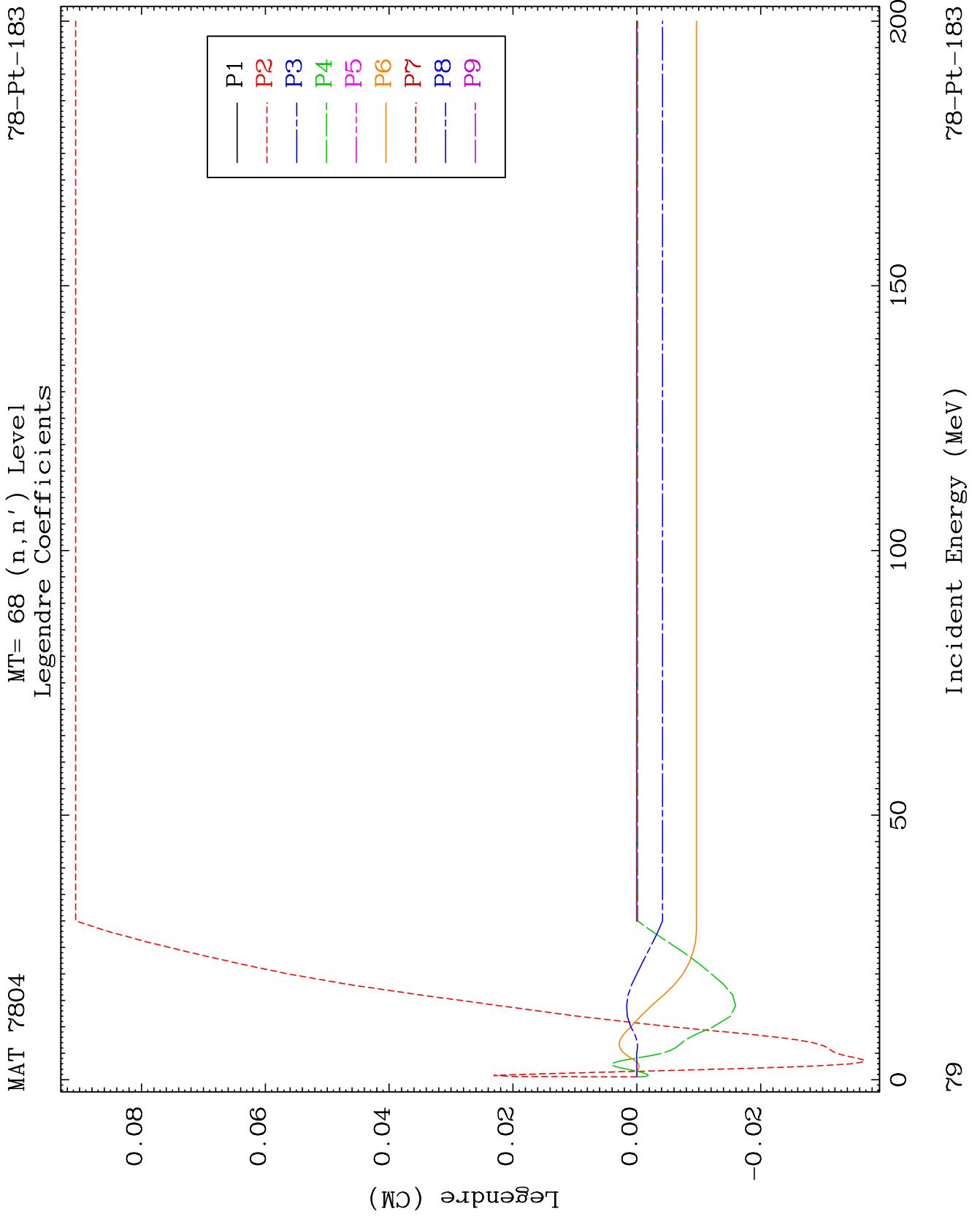
78-Pt-183

MAT 7804

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

78-Pt-183



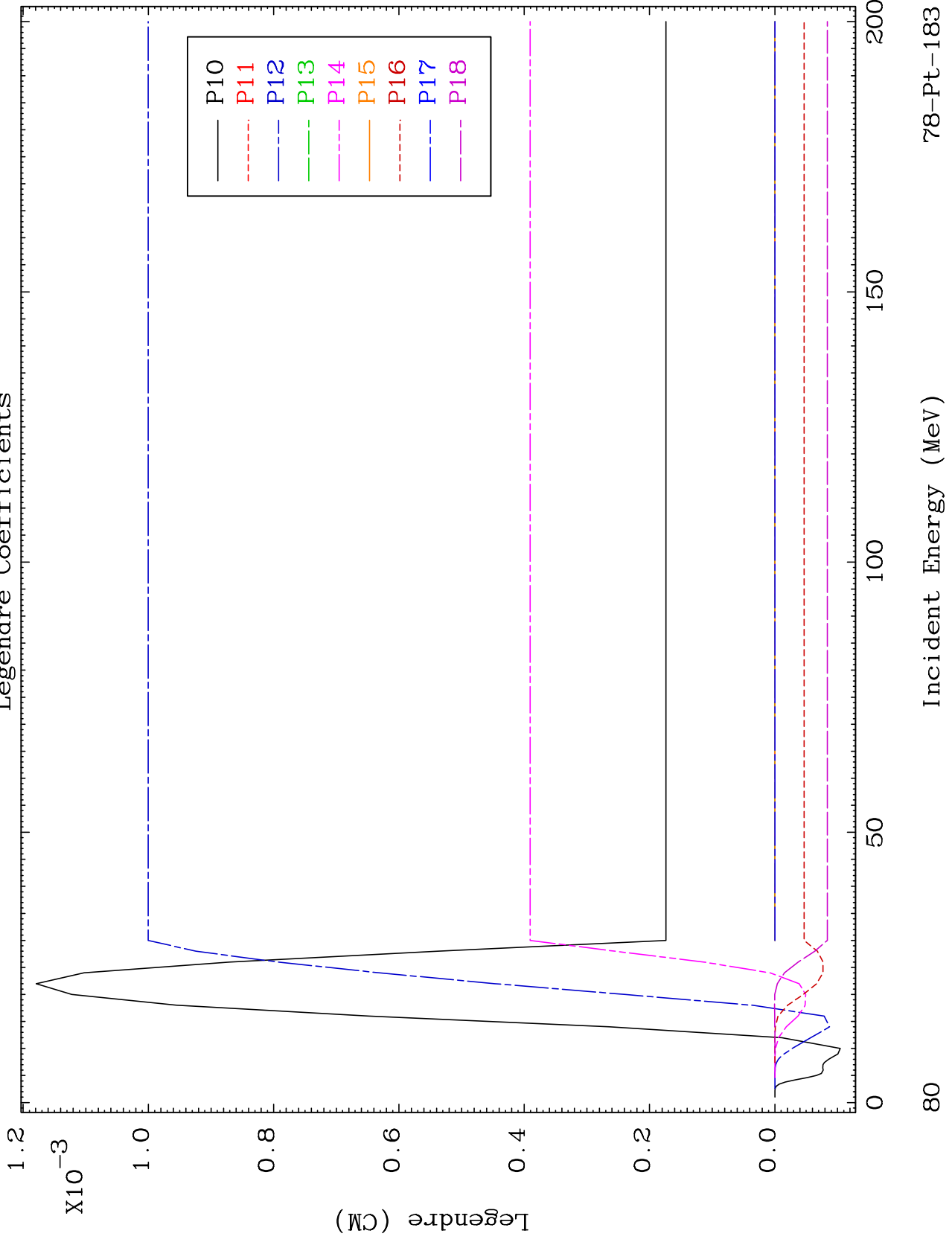




MAT 7804

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

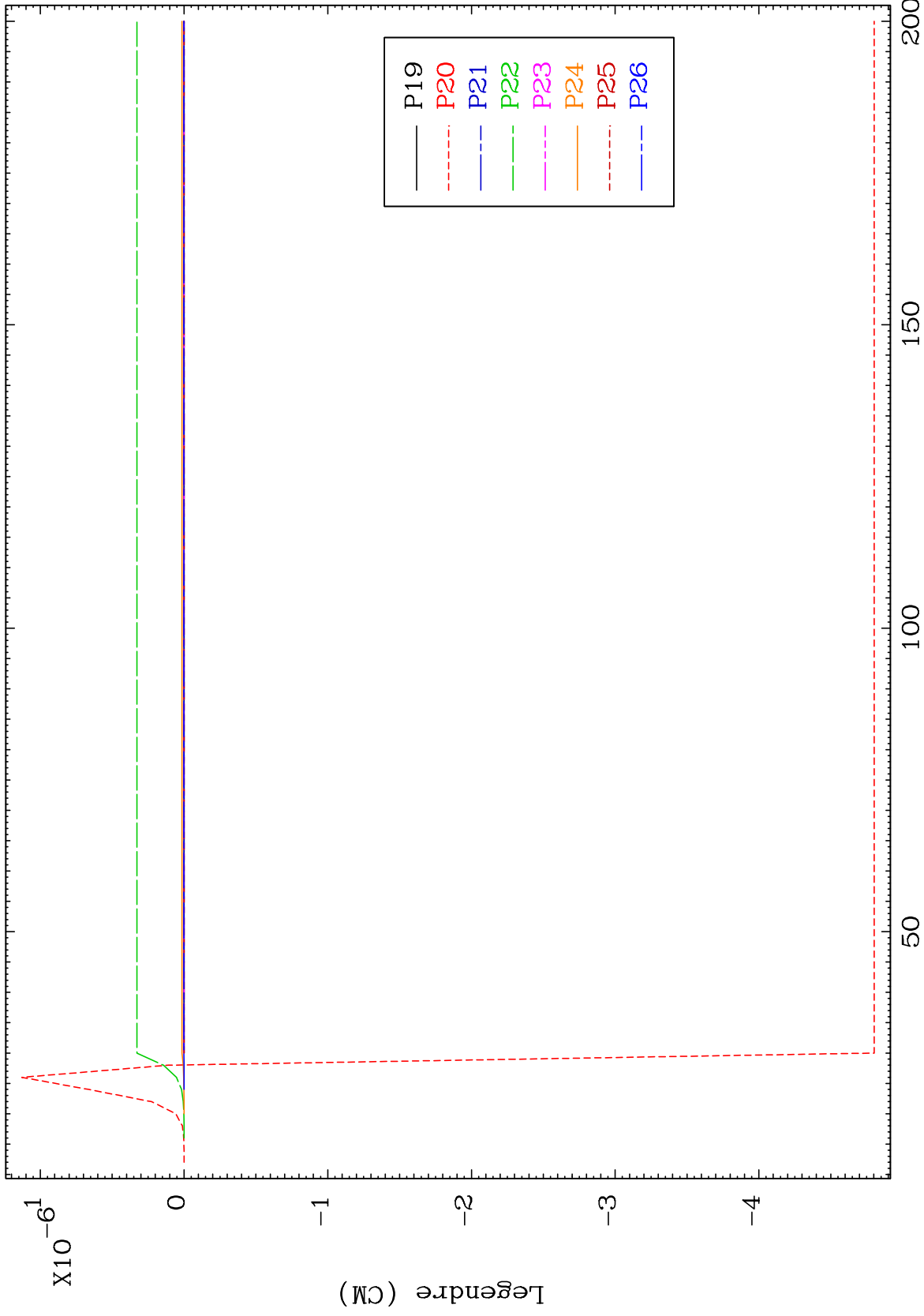
78-Pt-183



MAT 7804

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

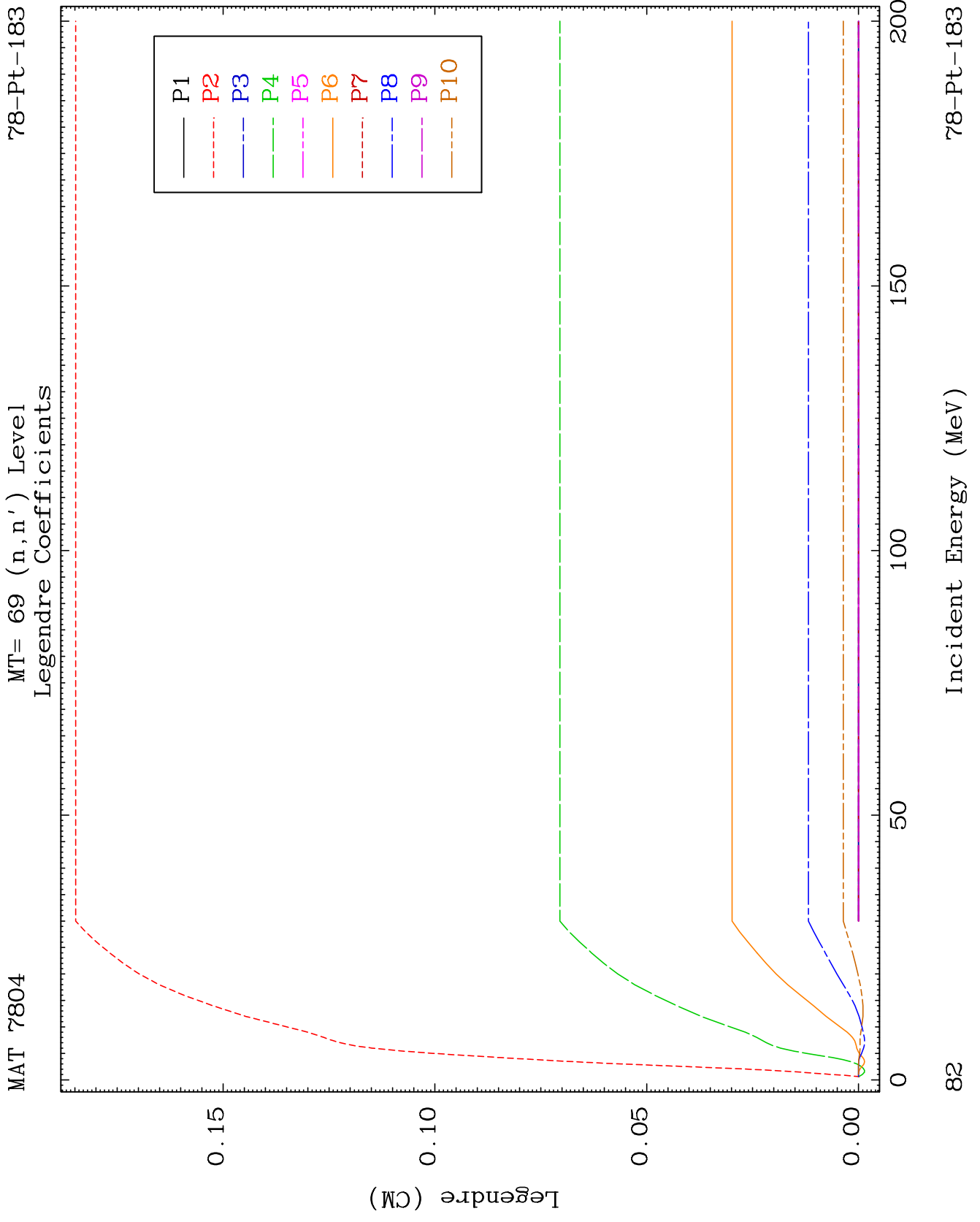
78-Pt-183



81

Incident Energy (MeV)

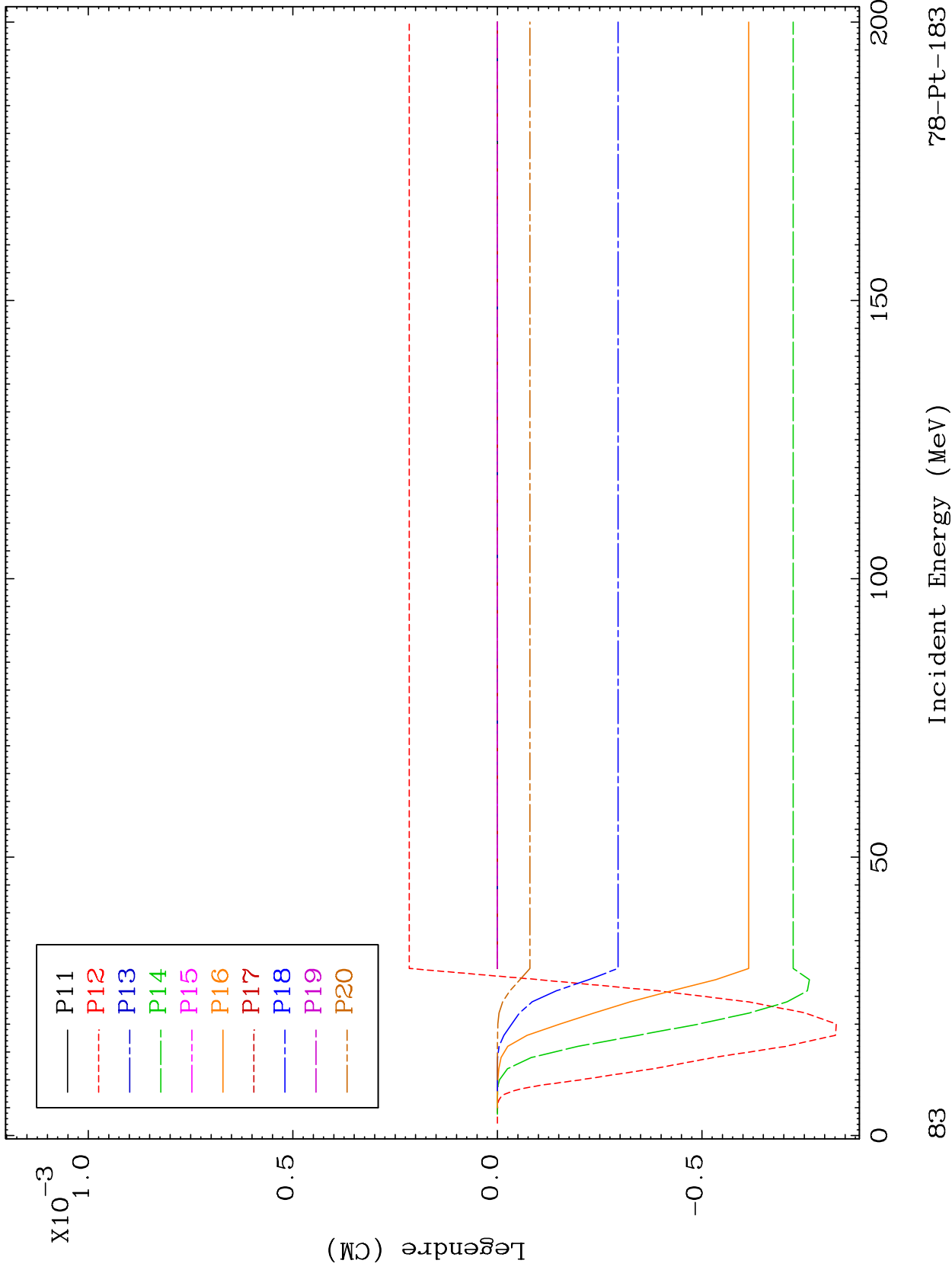
78-Pt-183



MAT 7804

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

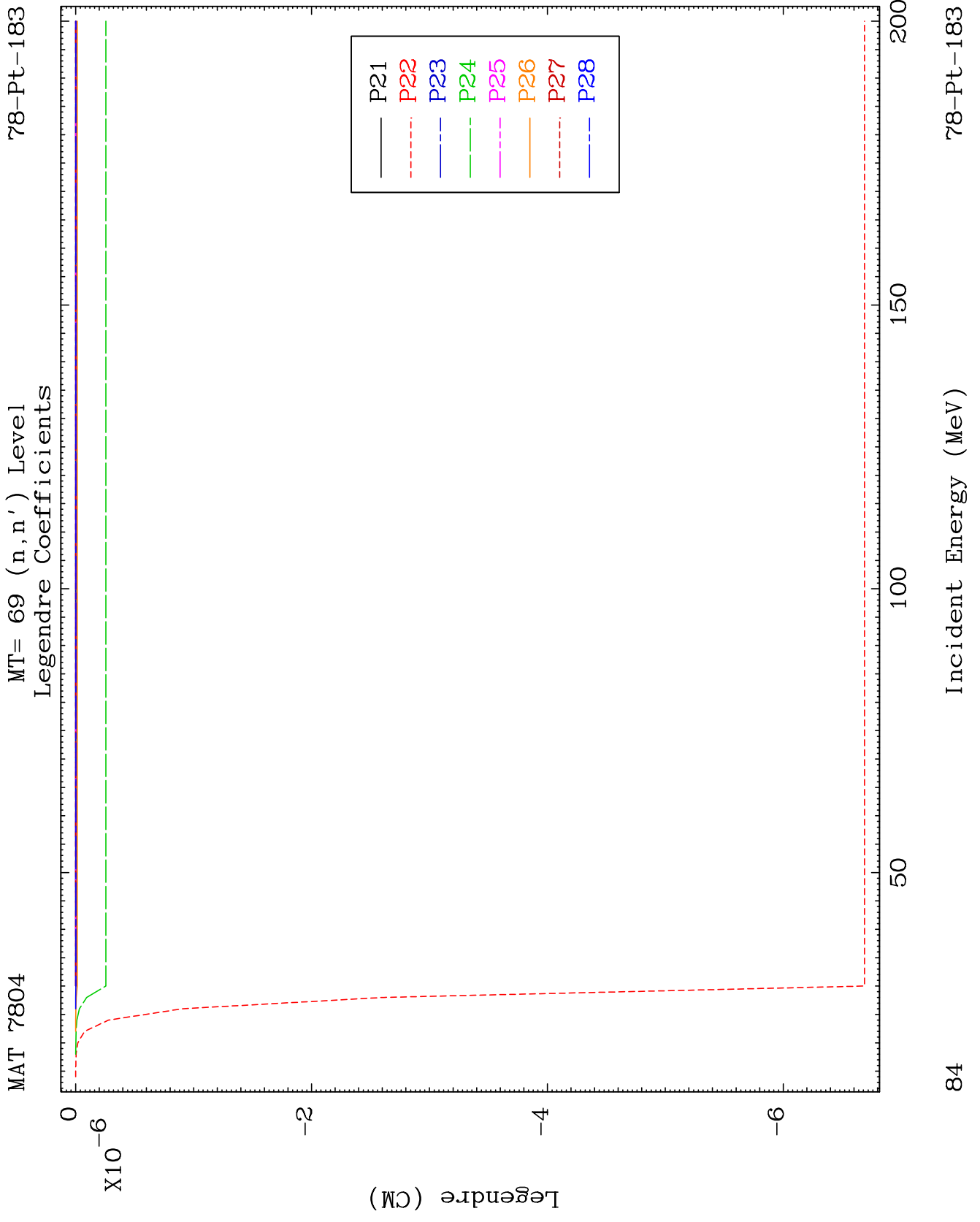
78-Pt-183

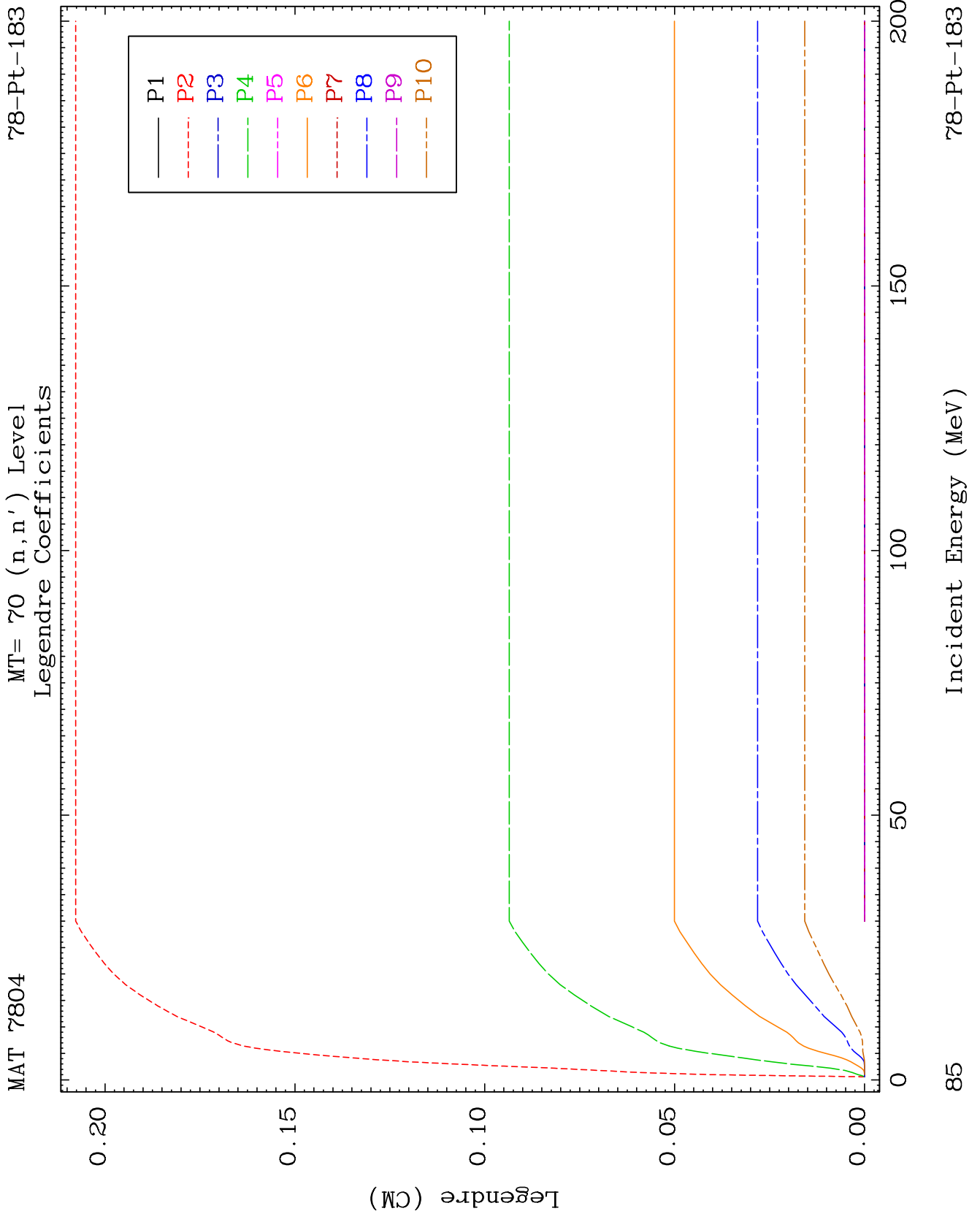


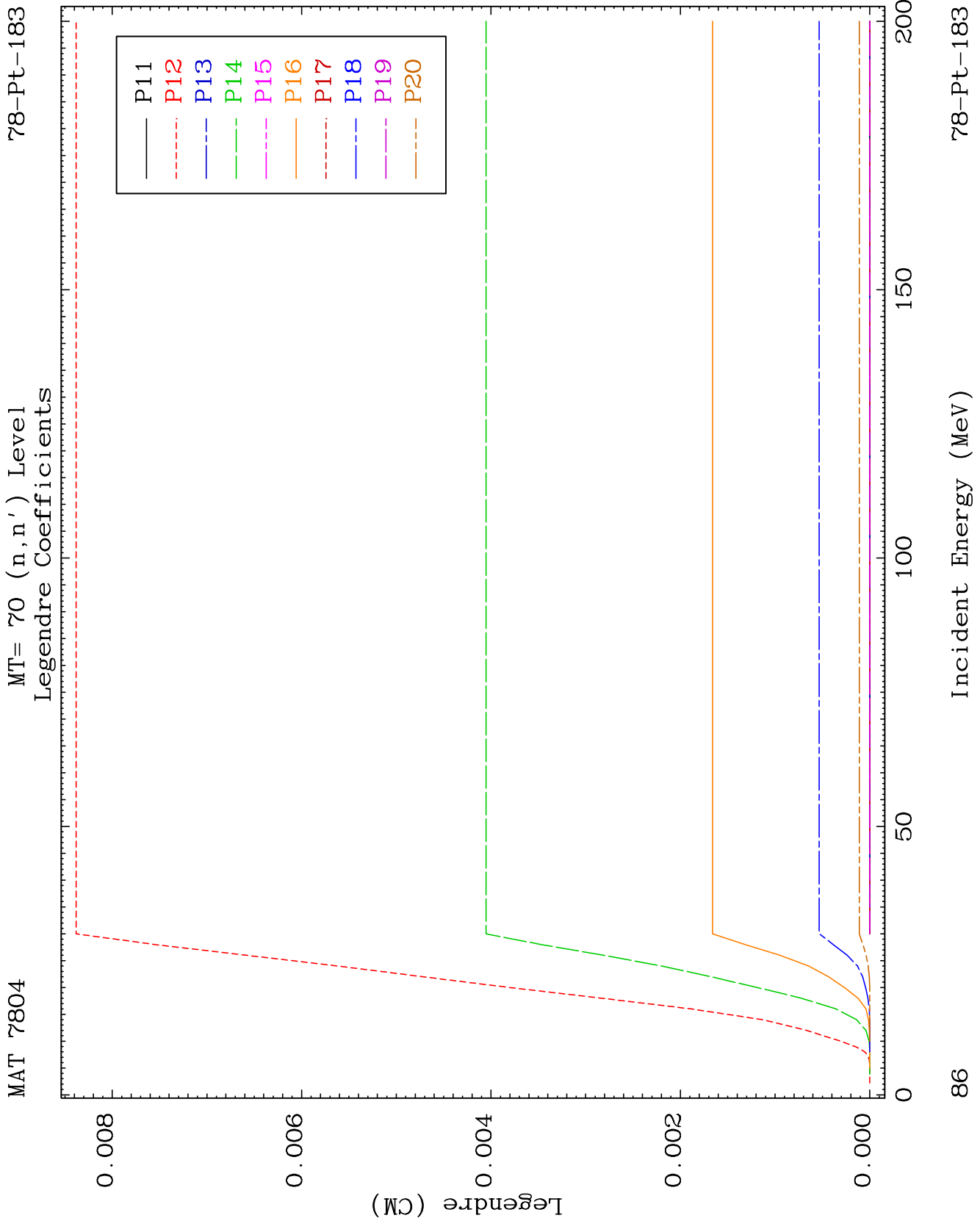
83

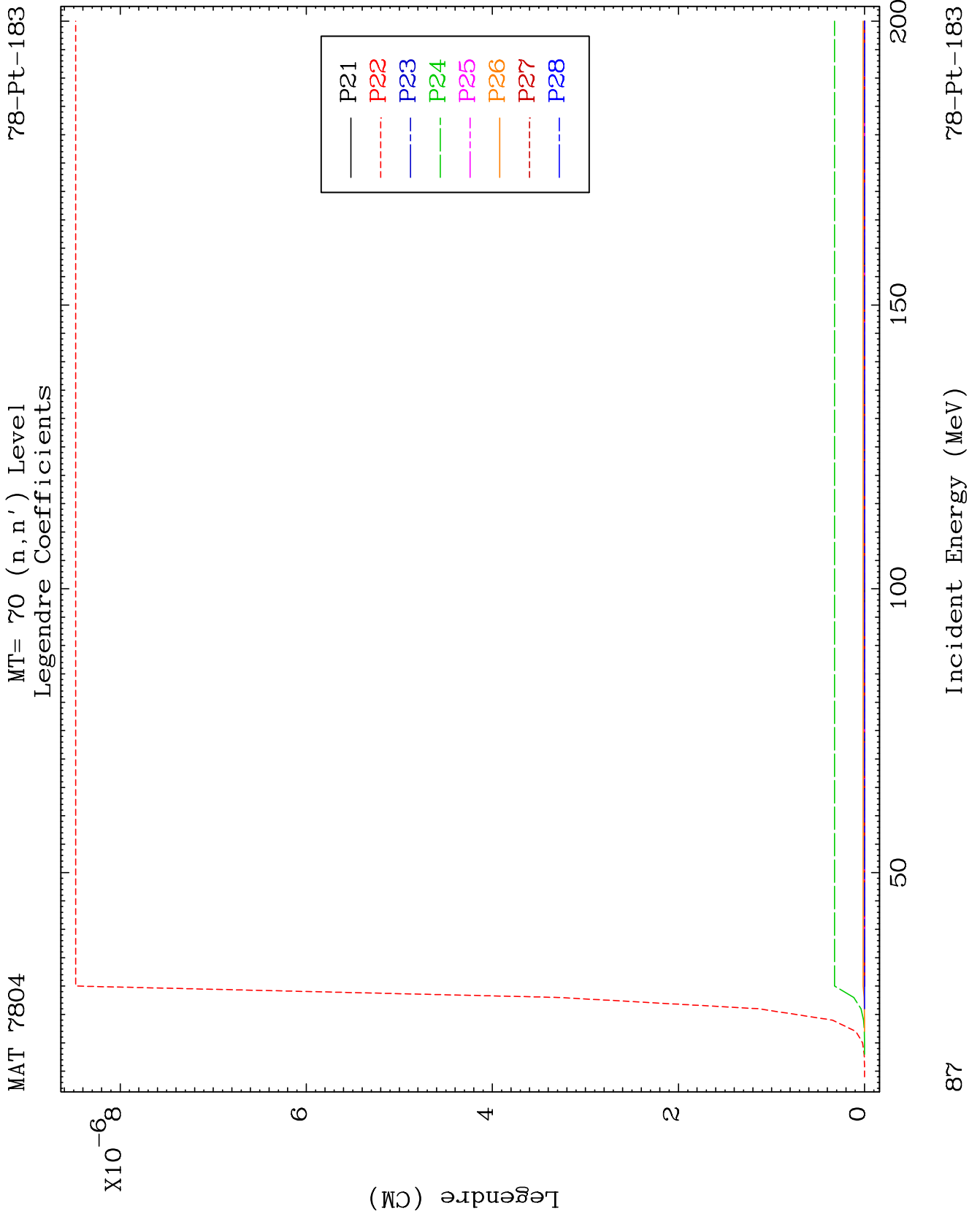
Incident Energy (MeV)

78-Pt-183







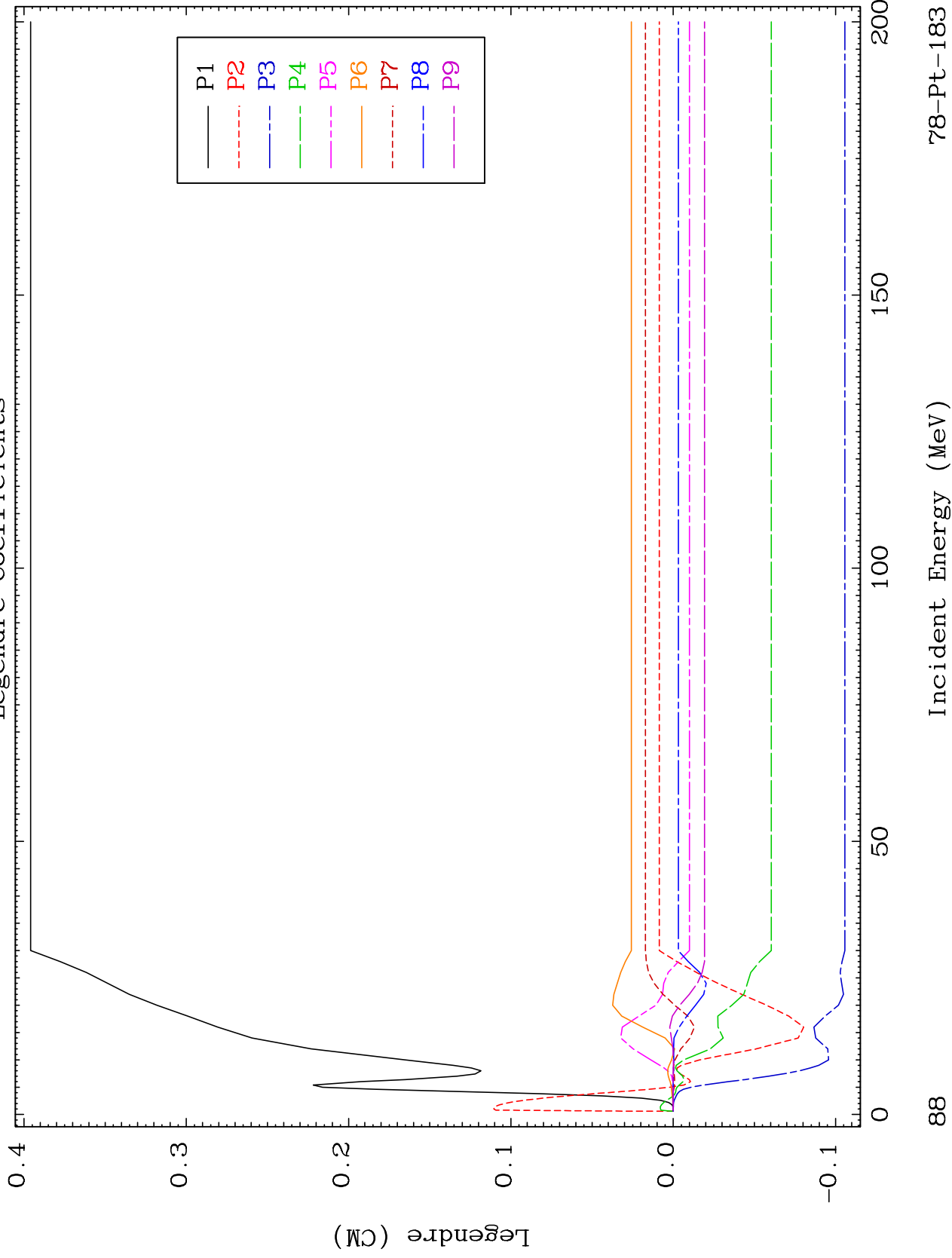




MAT 7804

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

78-Pt-183



78-Pt-183

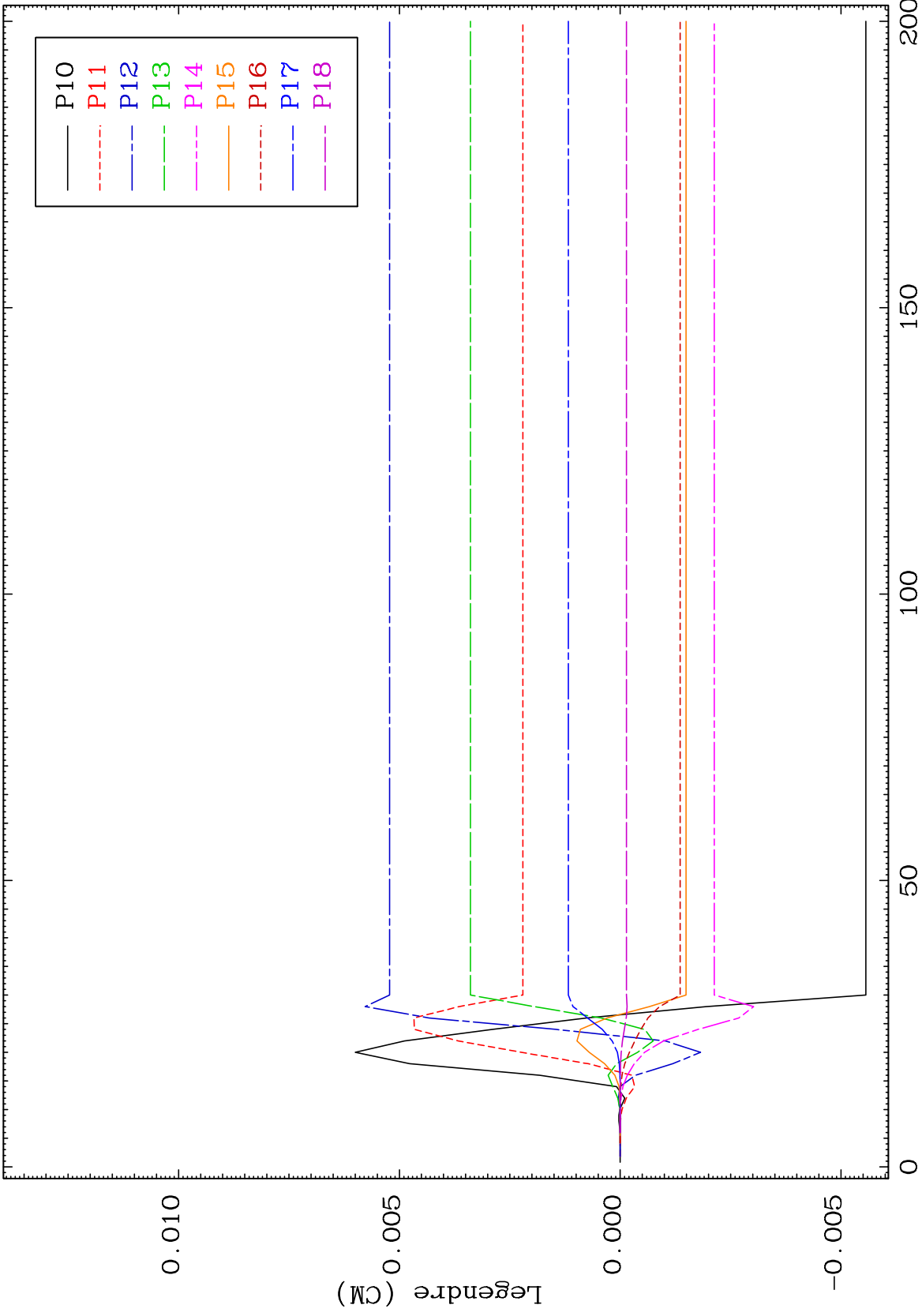
Incident Energy (MeV)

88

MAT 7804

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

78-Pt-183



89

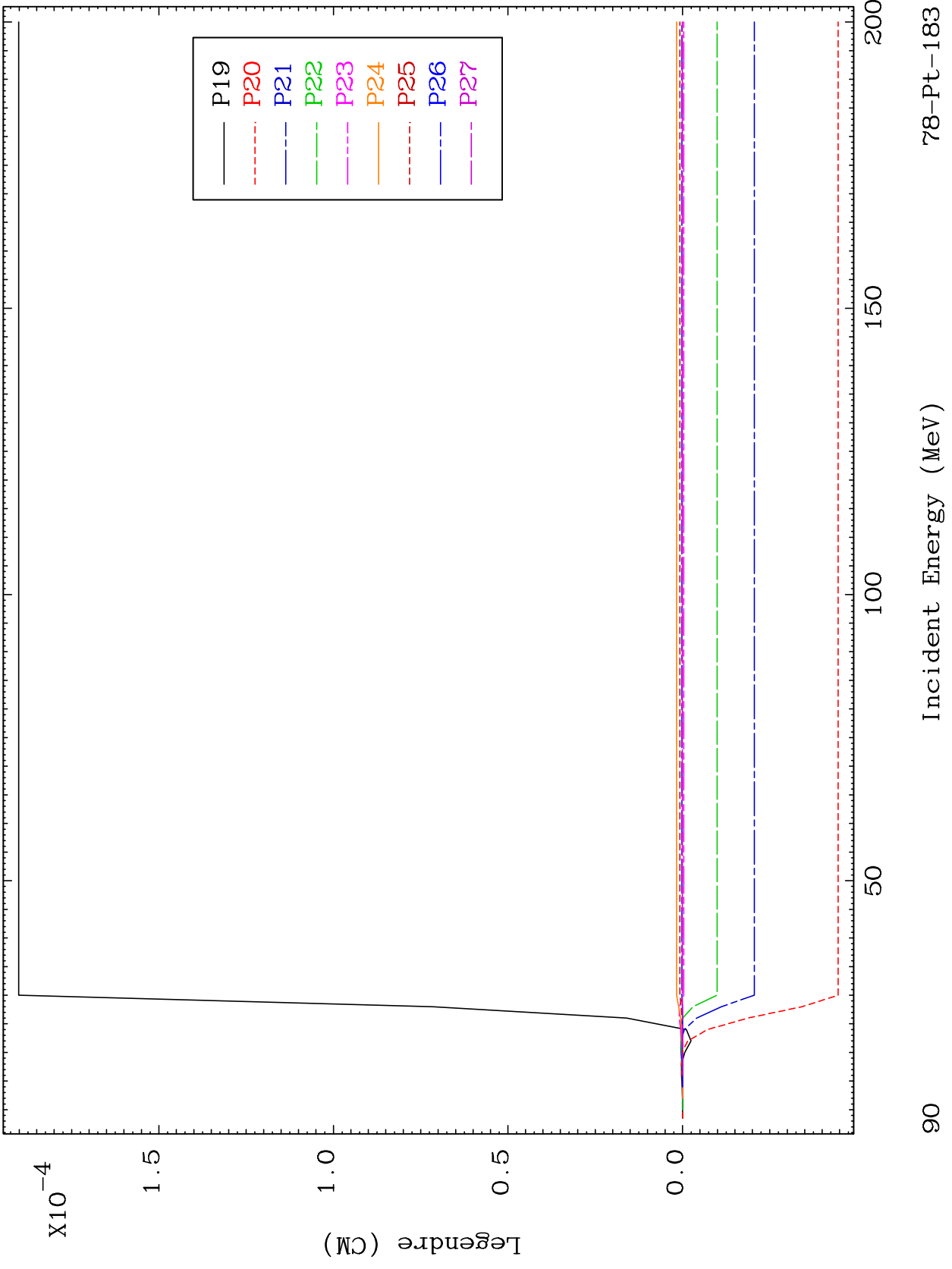
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



90

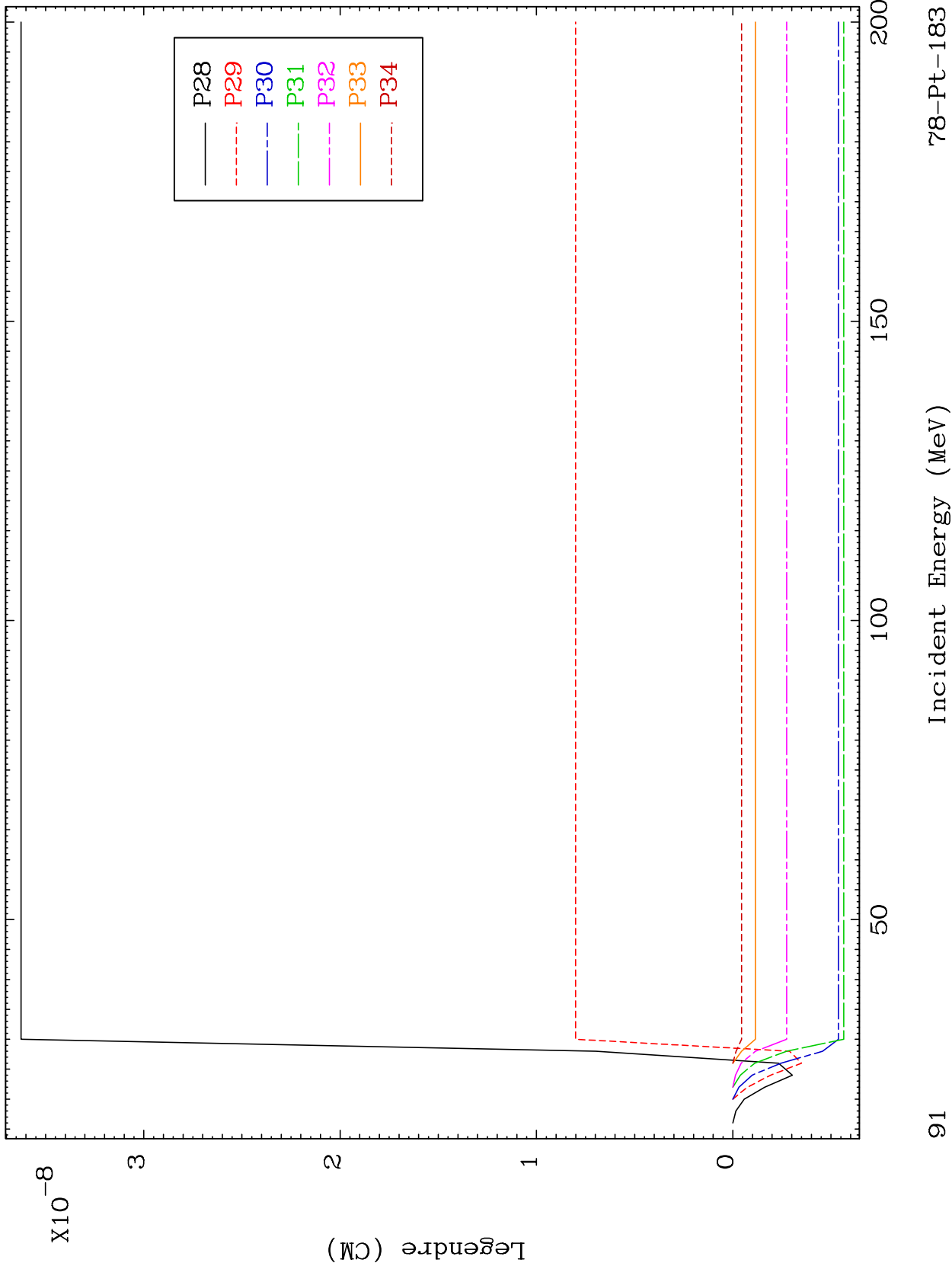
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

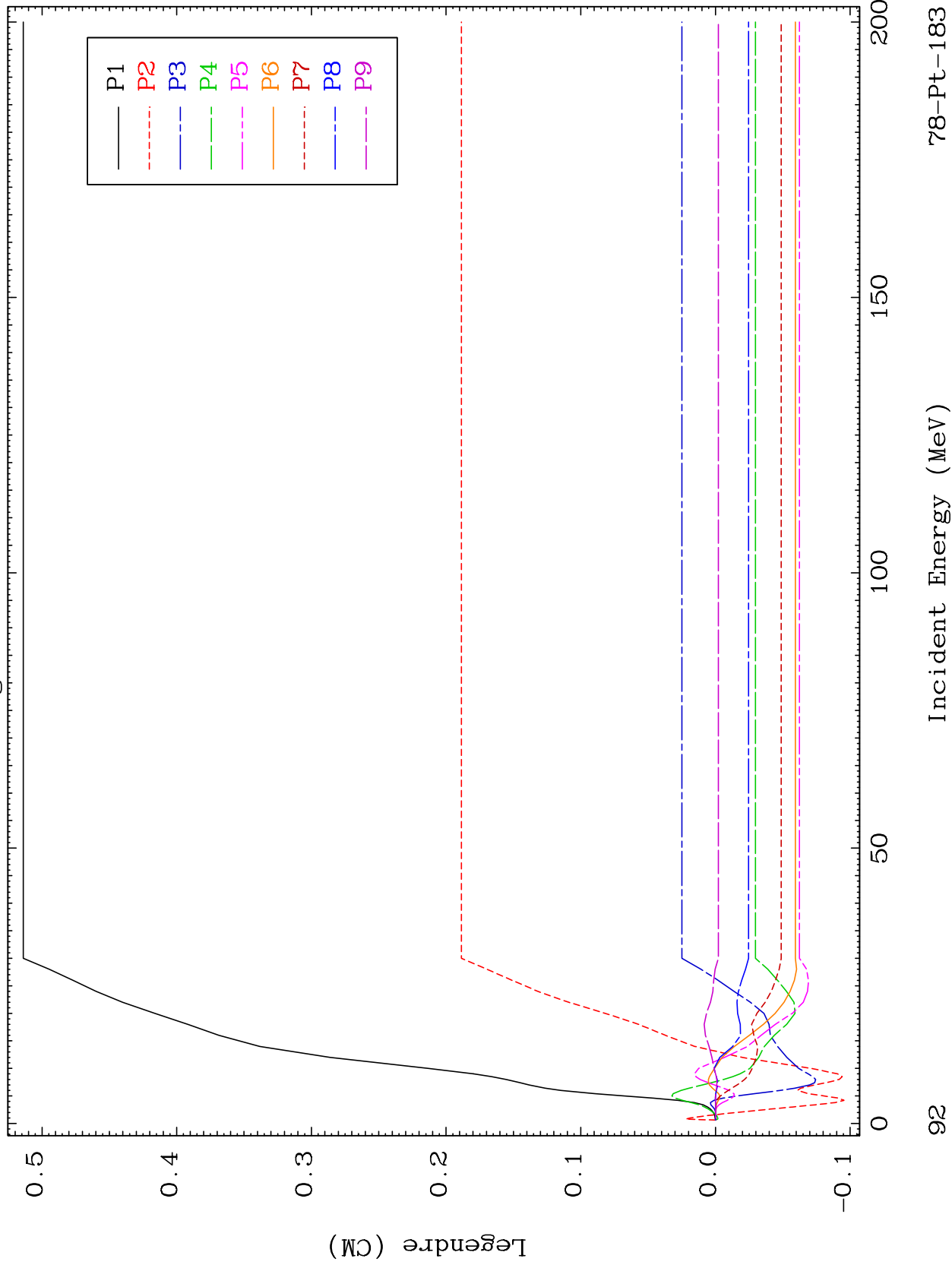
78-Pt-183



MAT 7804

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

78-Pt-183



78-Pt-183

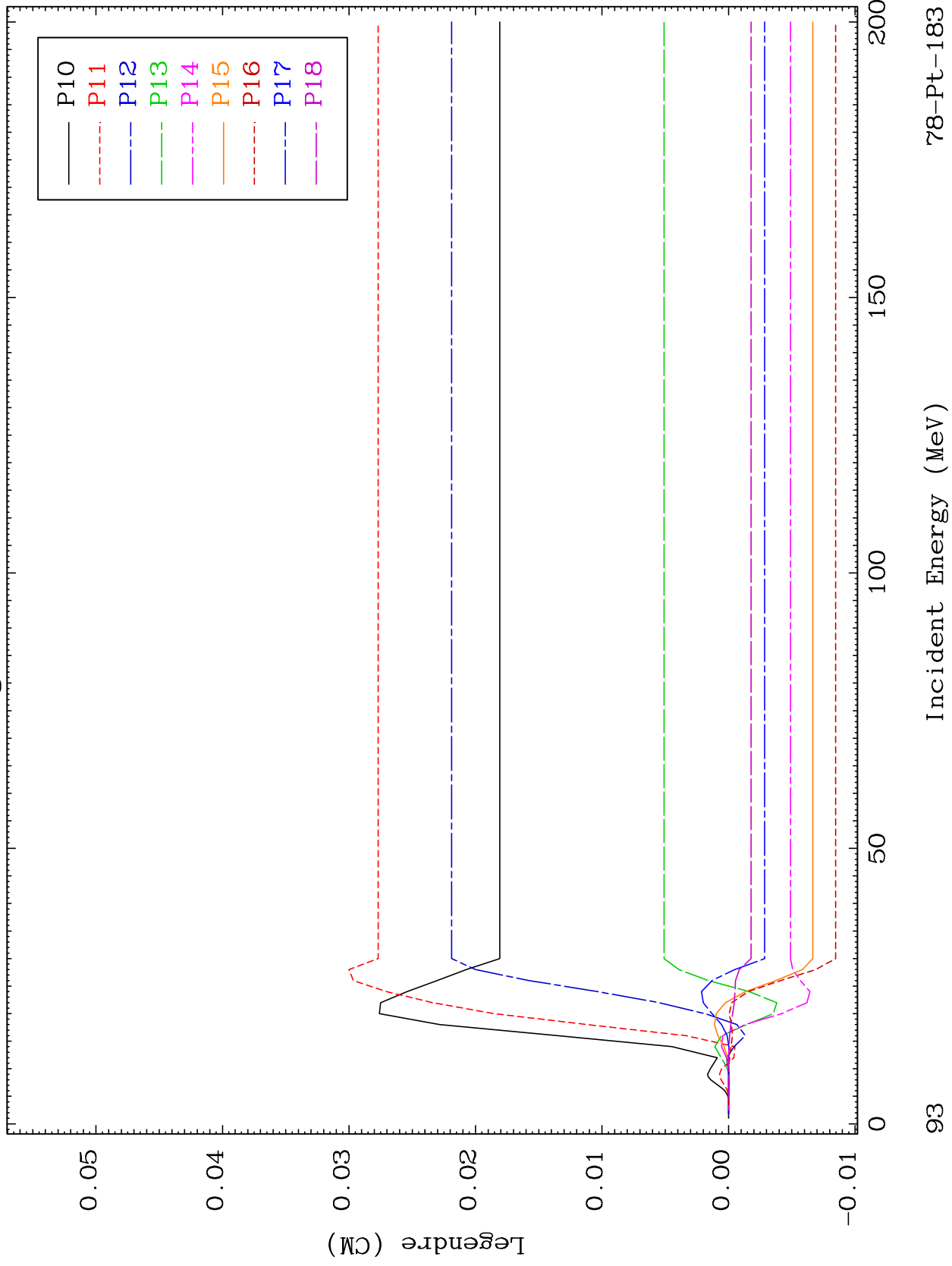
Incident Energy (MeV)

92

MAT 7804

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

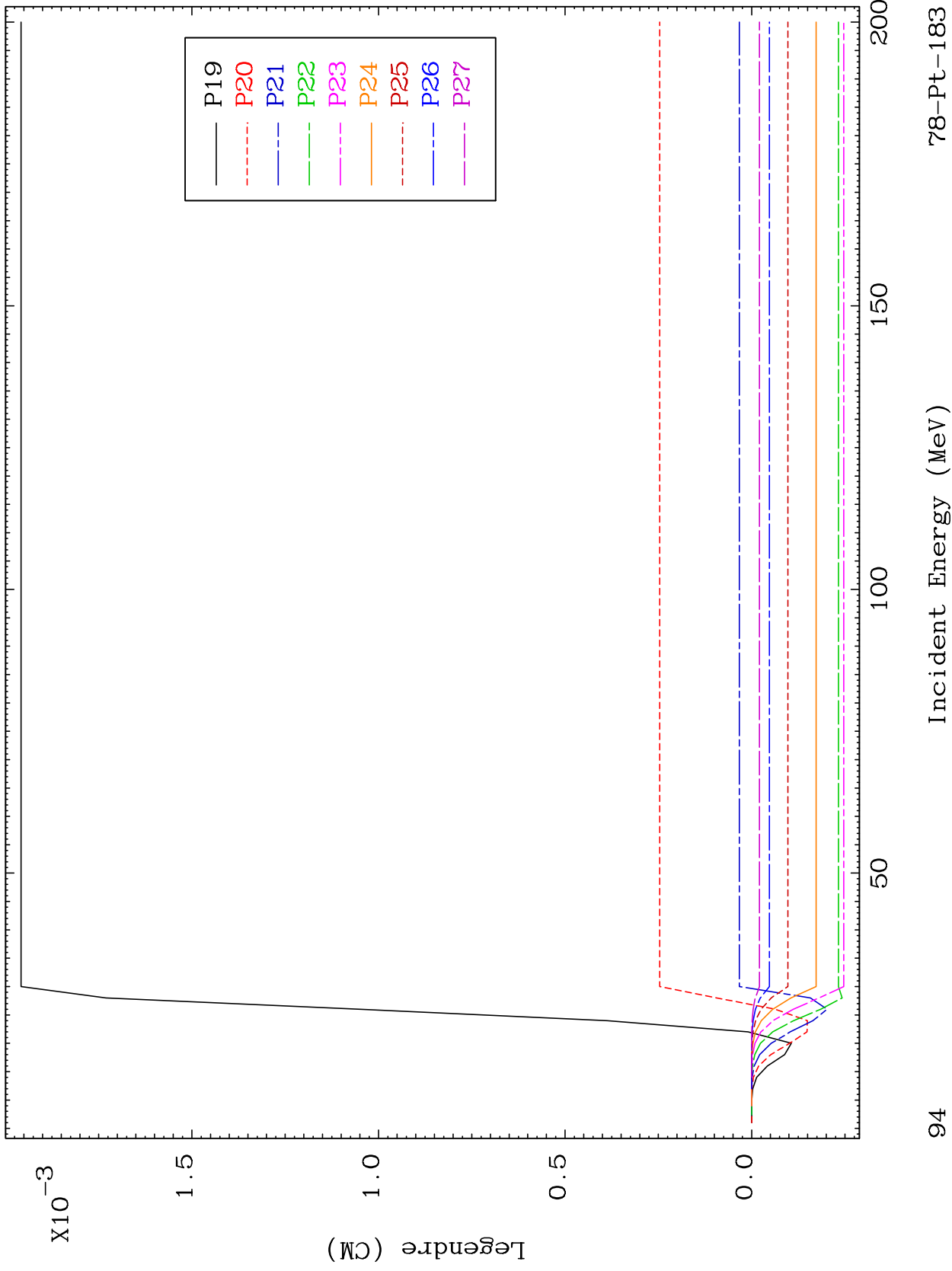
78-Pt-183



MAT 7804

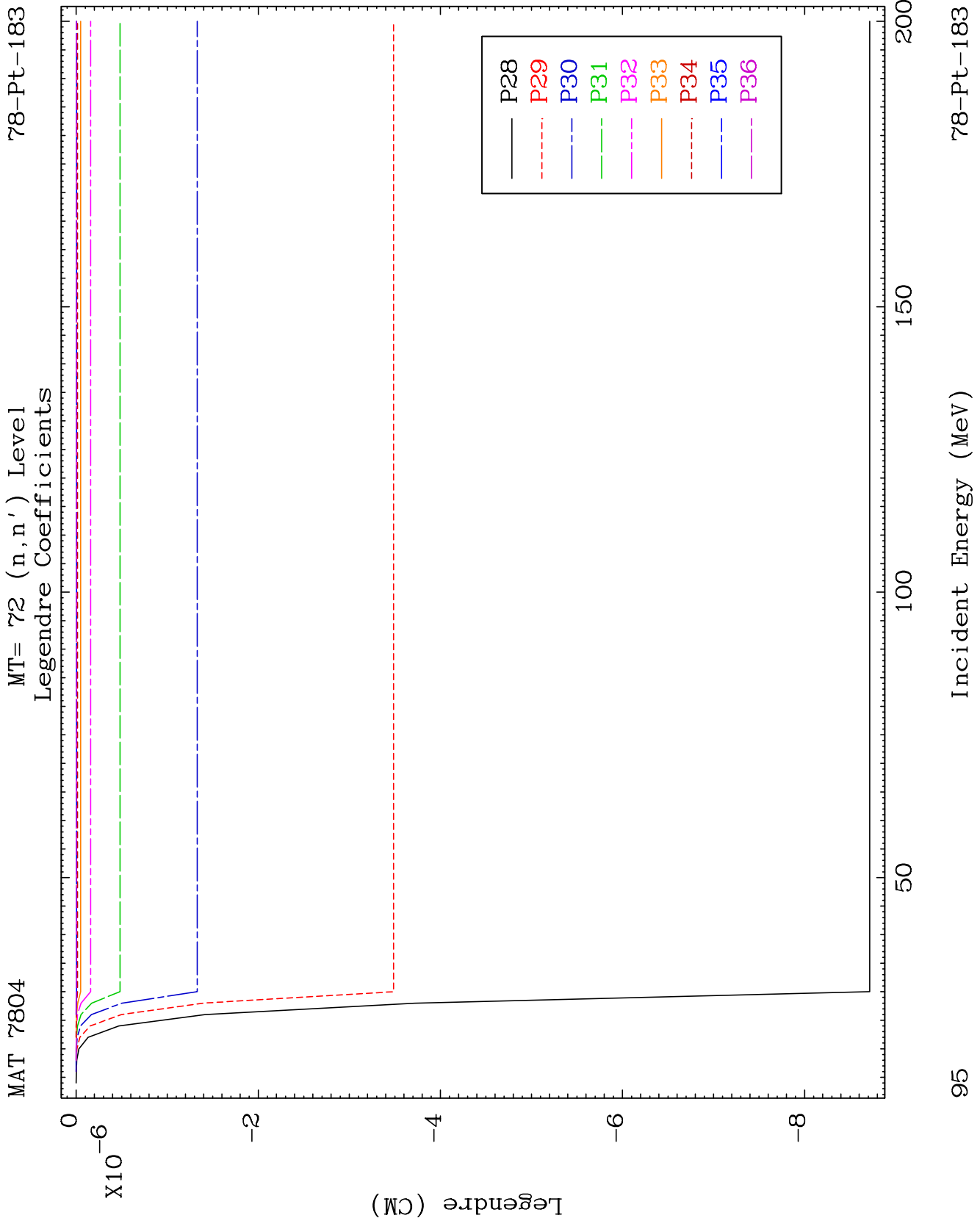
MT= 72 (n,n') Level  
Legendre Coefficients

78-Pt-183



94

78-Pt-183



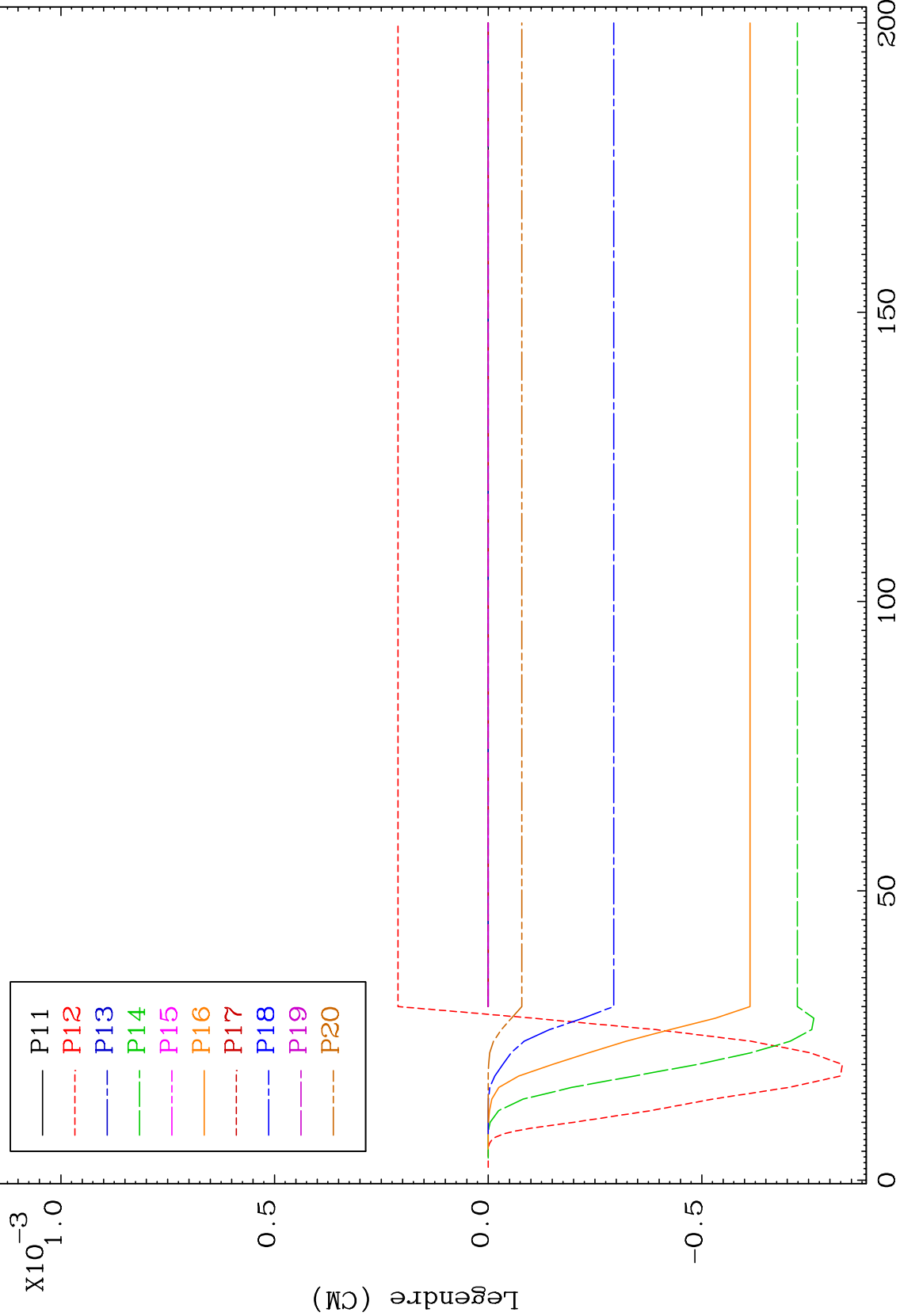
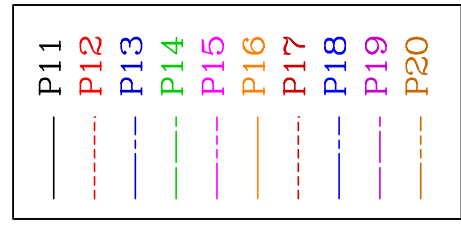




MAT 7804

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

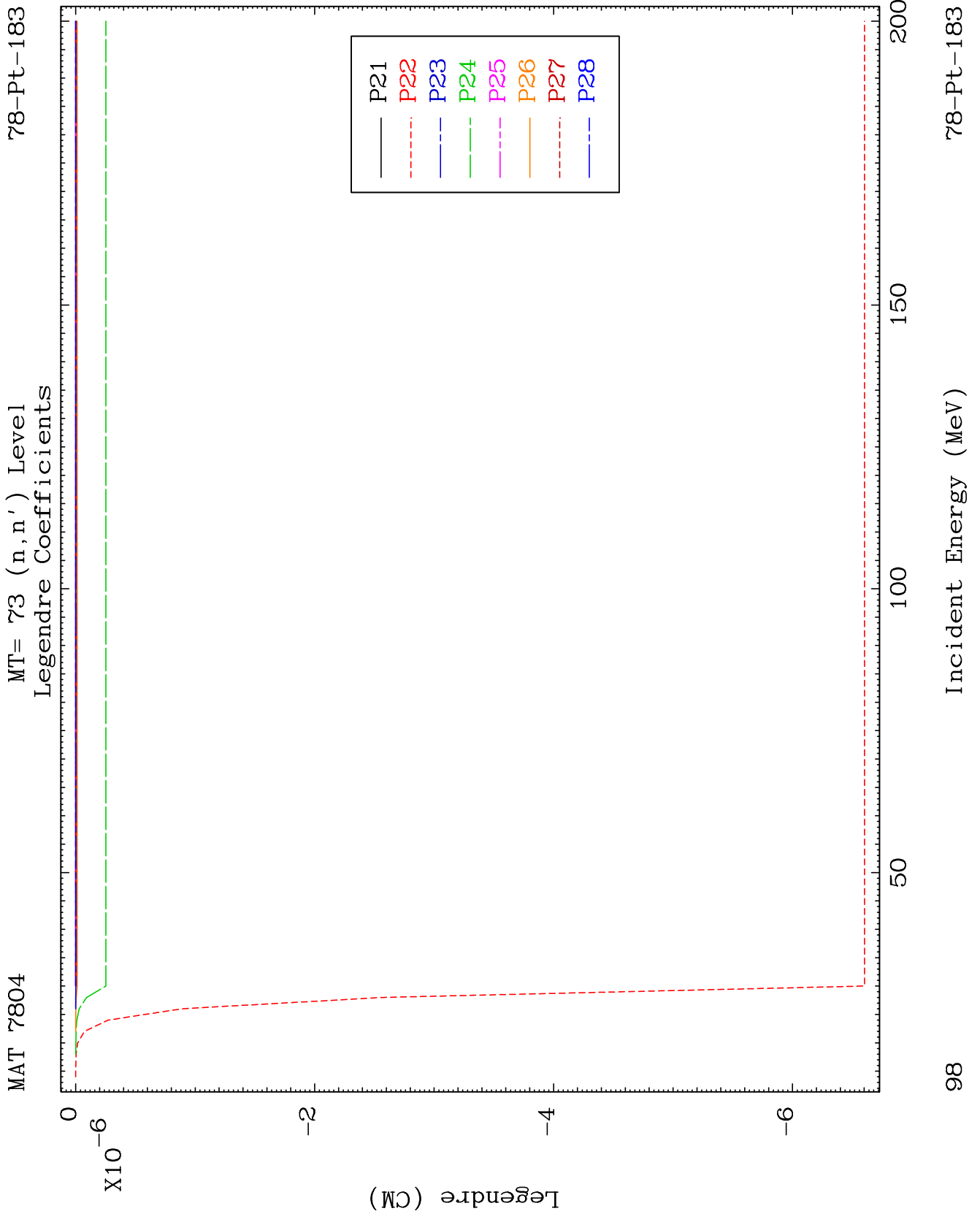
78-Pt-183

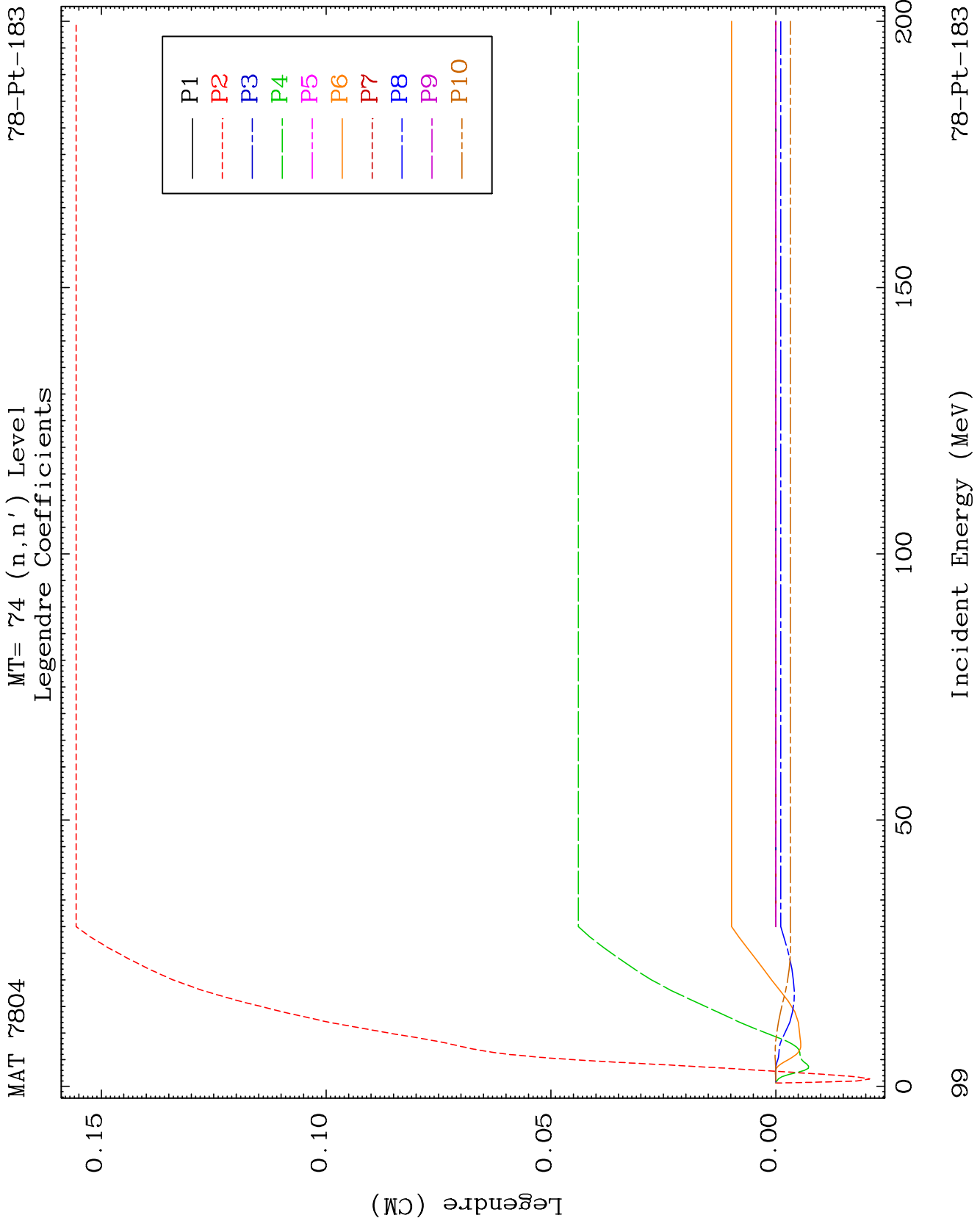


97

Incident Energy (MeV)

78-Pt-183

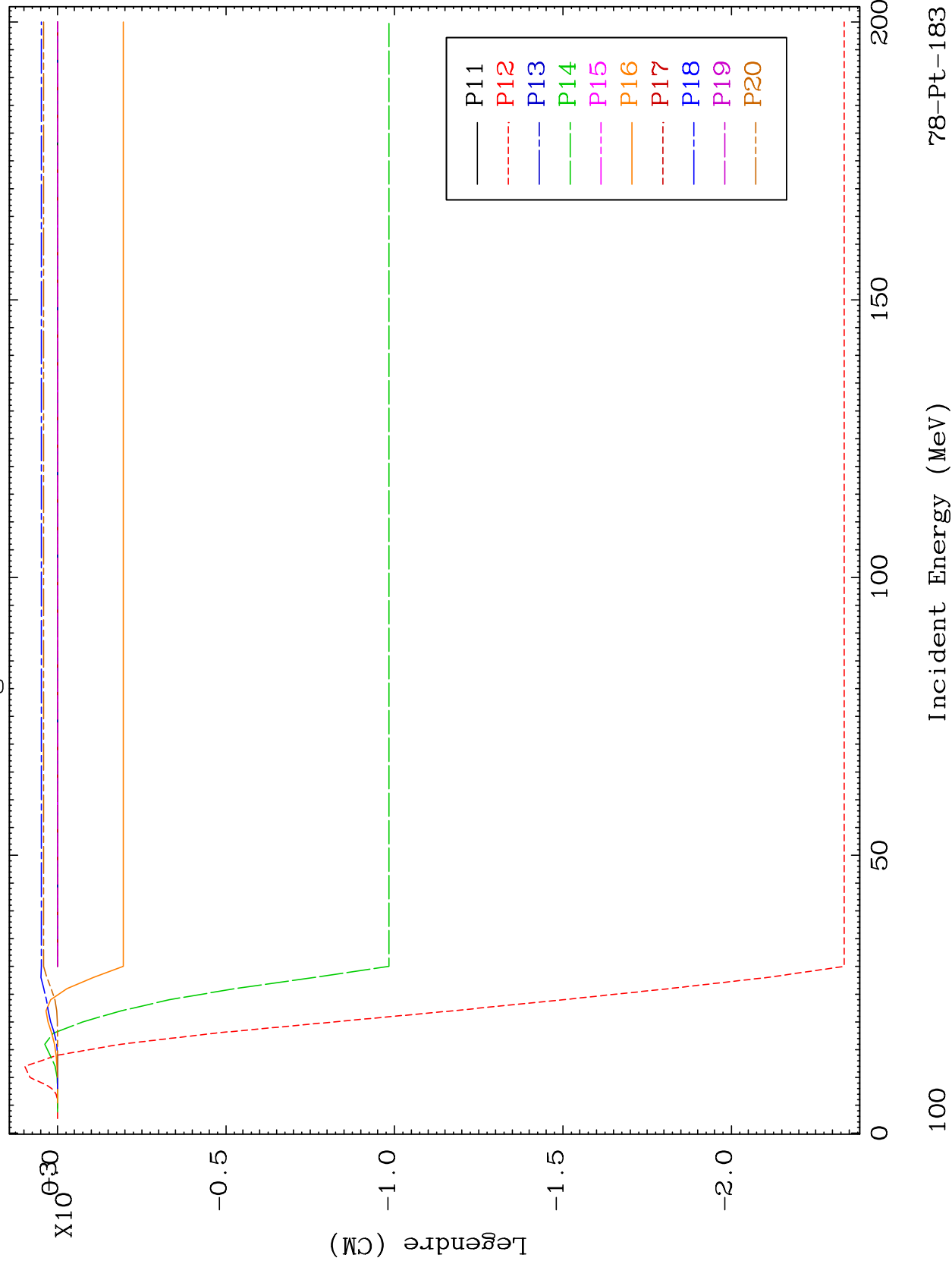




MAT 7804

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

78-Pt-183



78-Pt-183

Incident Energy (MeV)

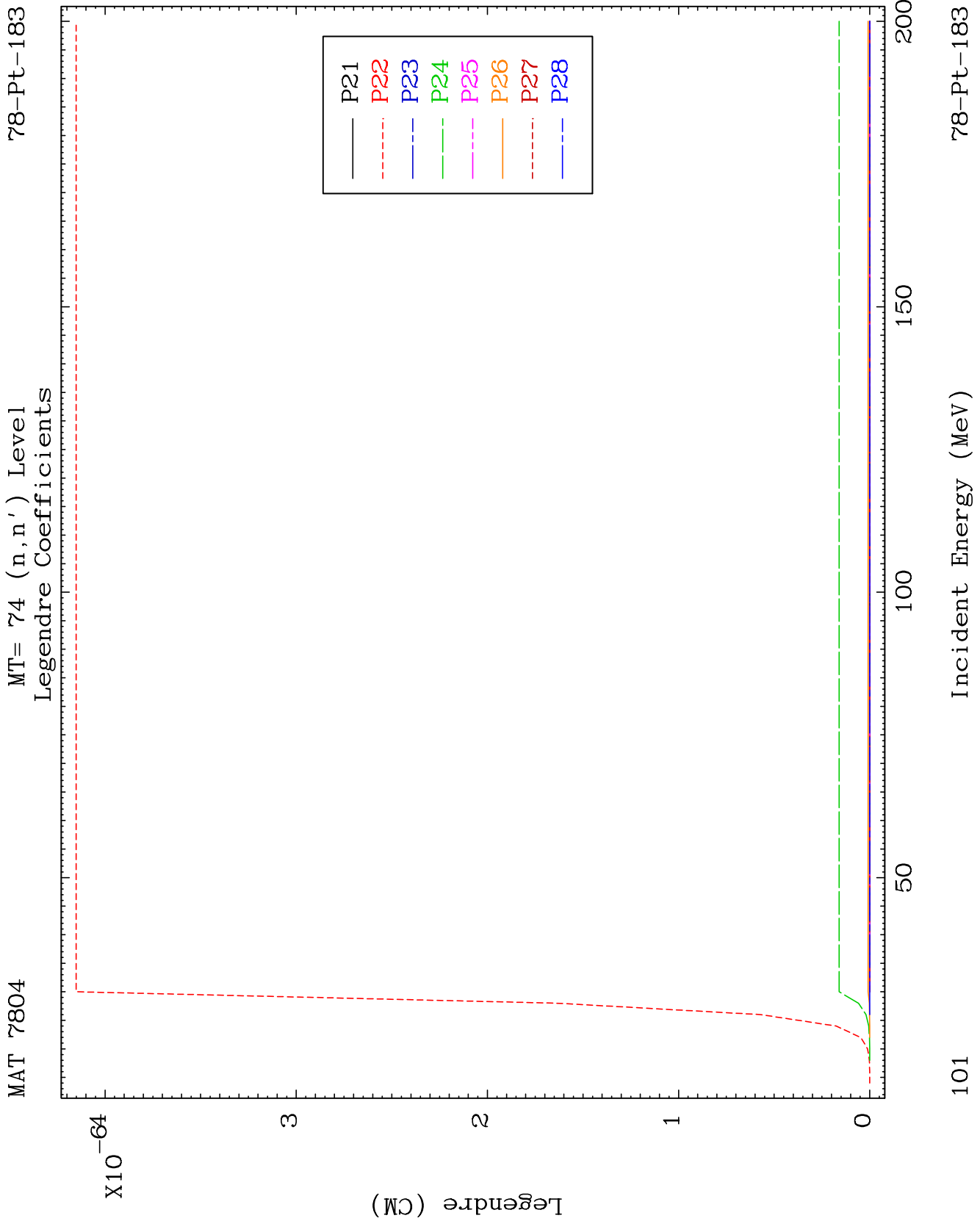
0

50

100

150

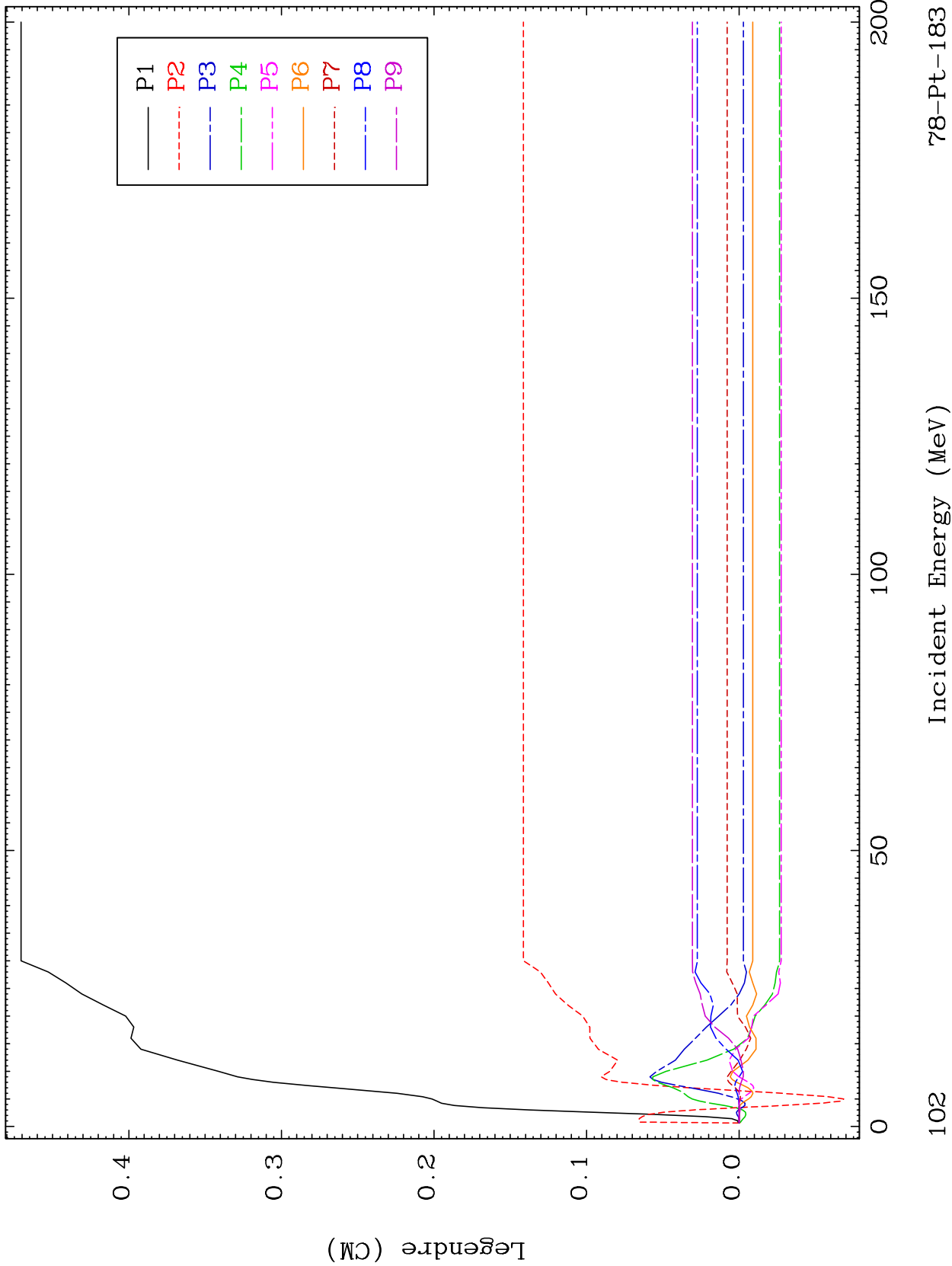
200



MAT 7804

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

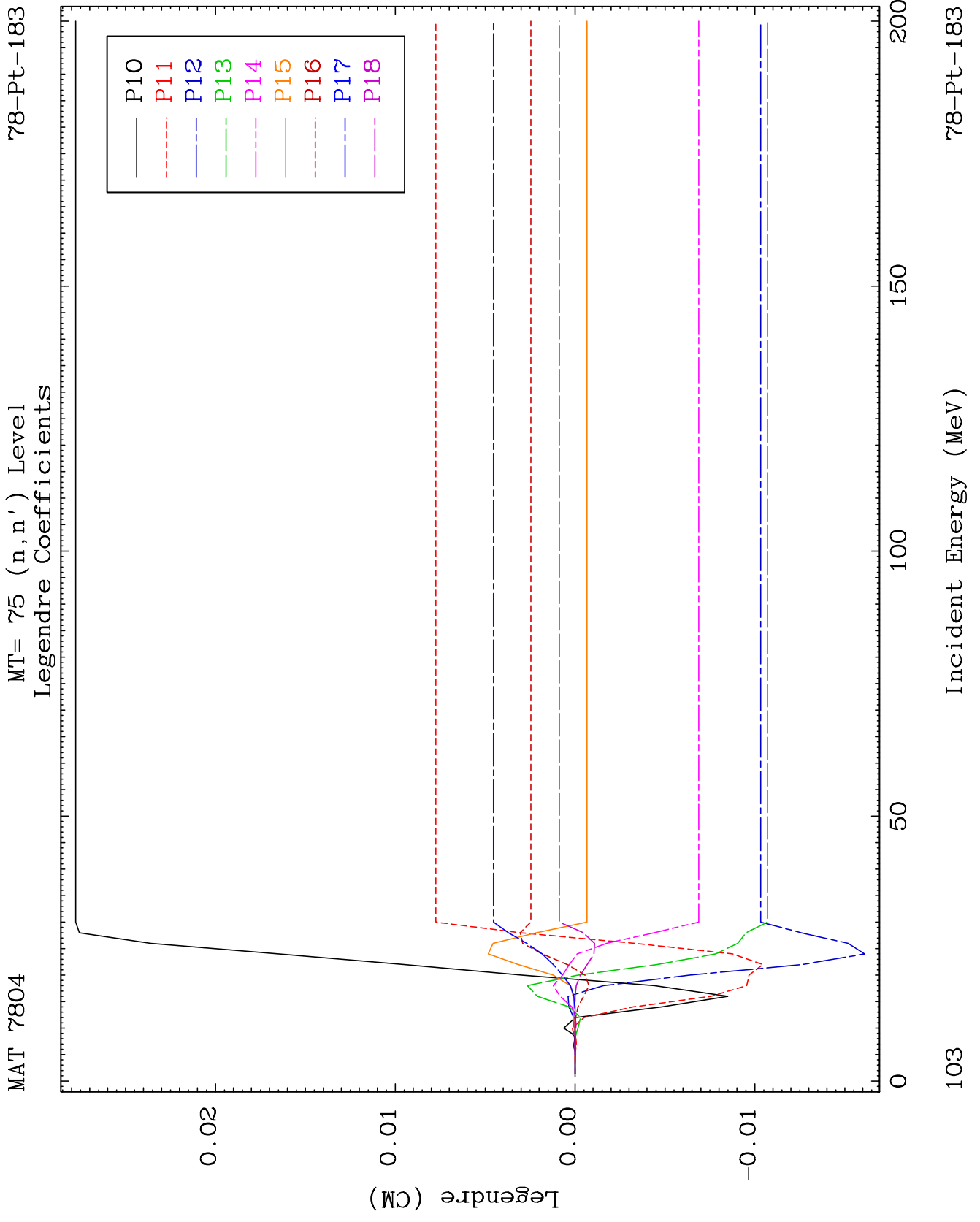
78-Pt-183



78-Pt-183

Incident Energy (MeV)

102

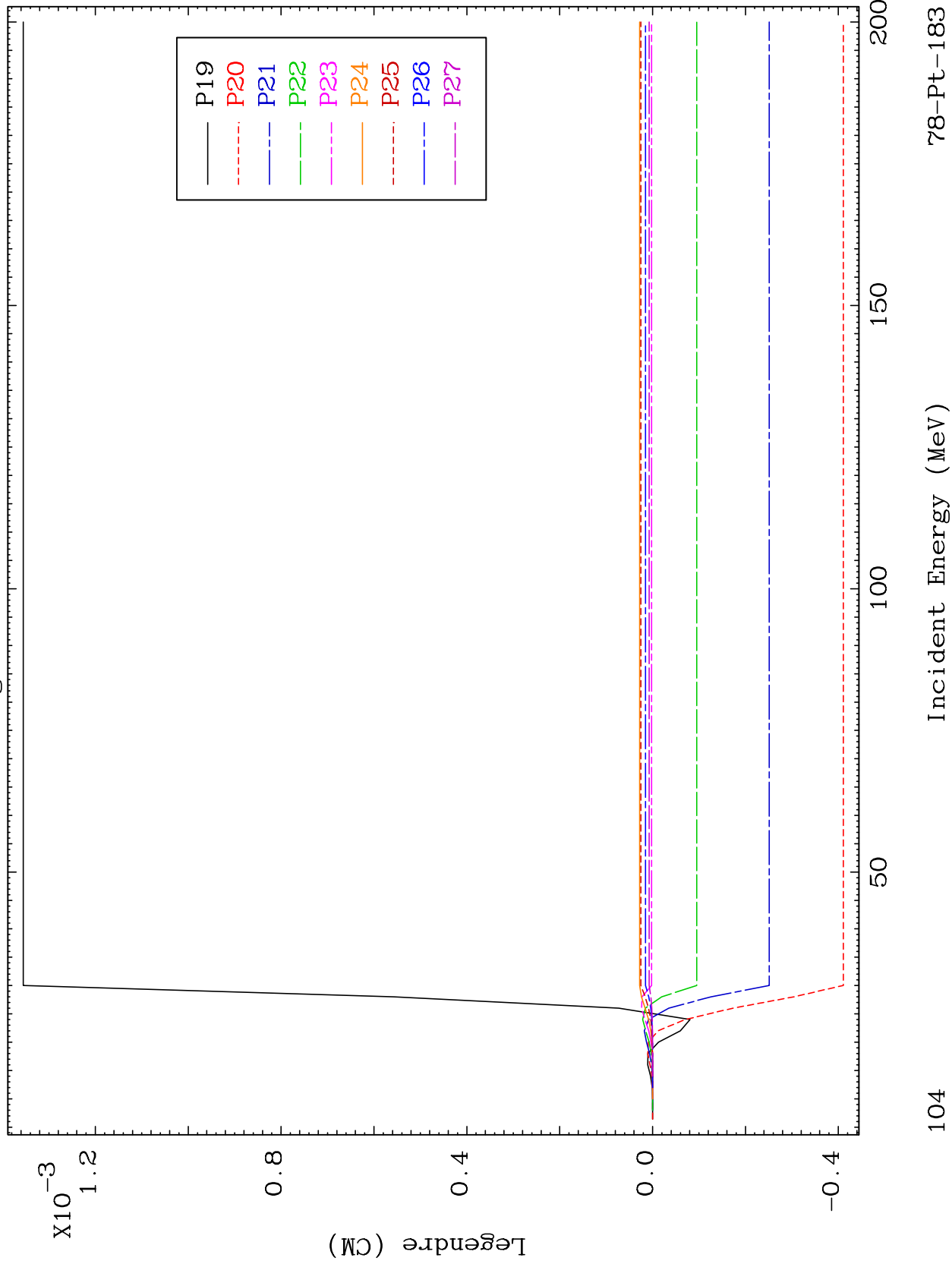




MAT 7804

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

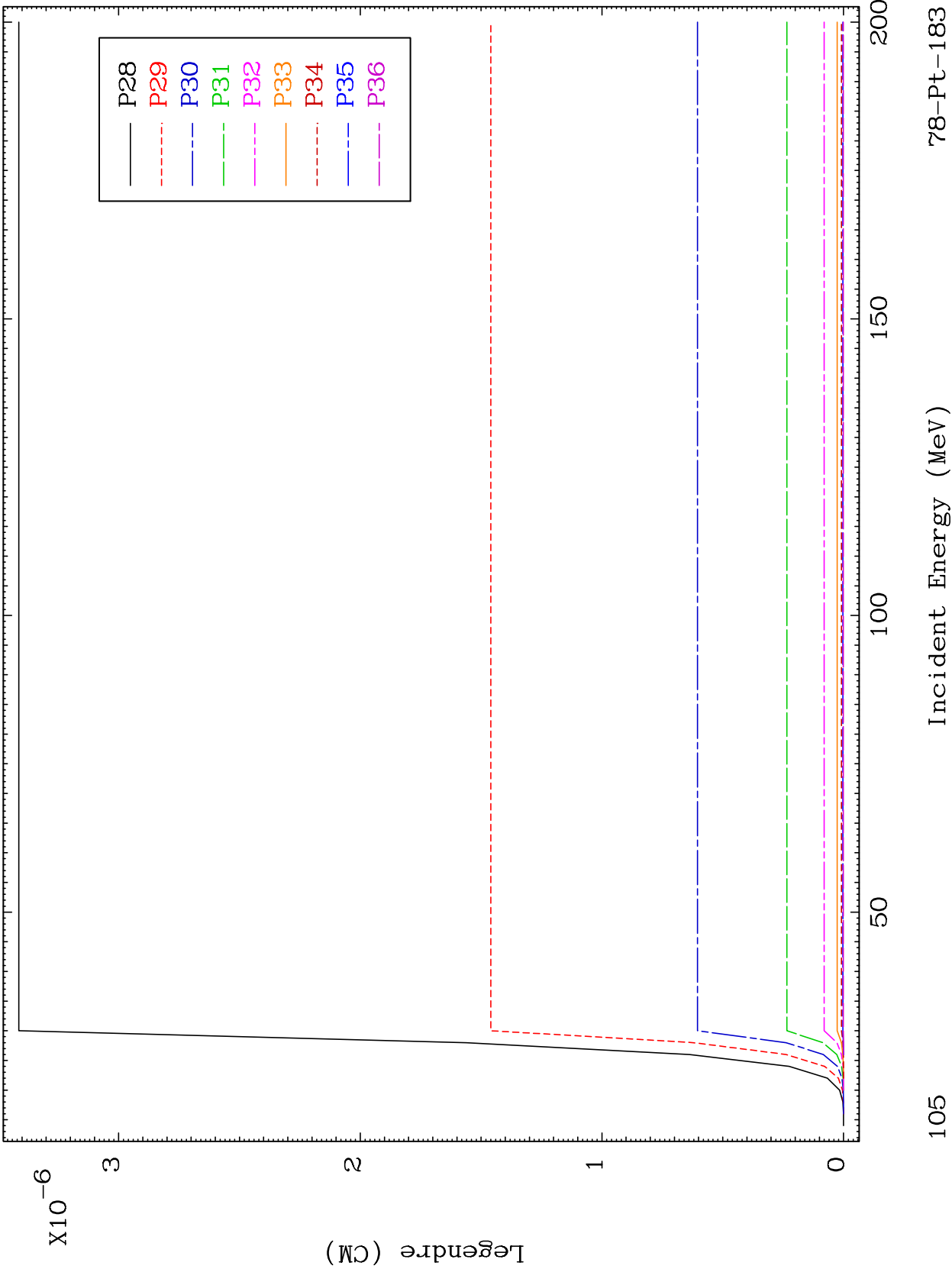
78-Pt-183



MAT 7804

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

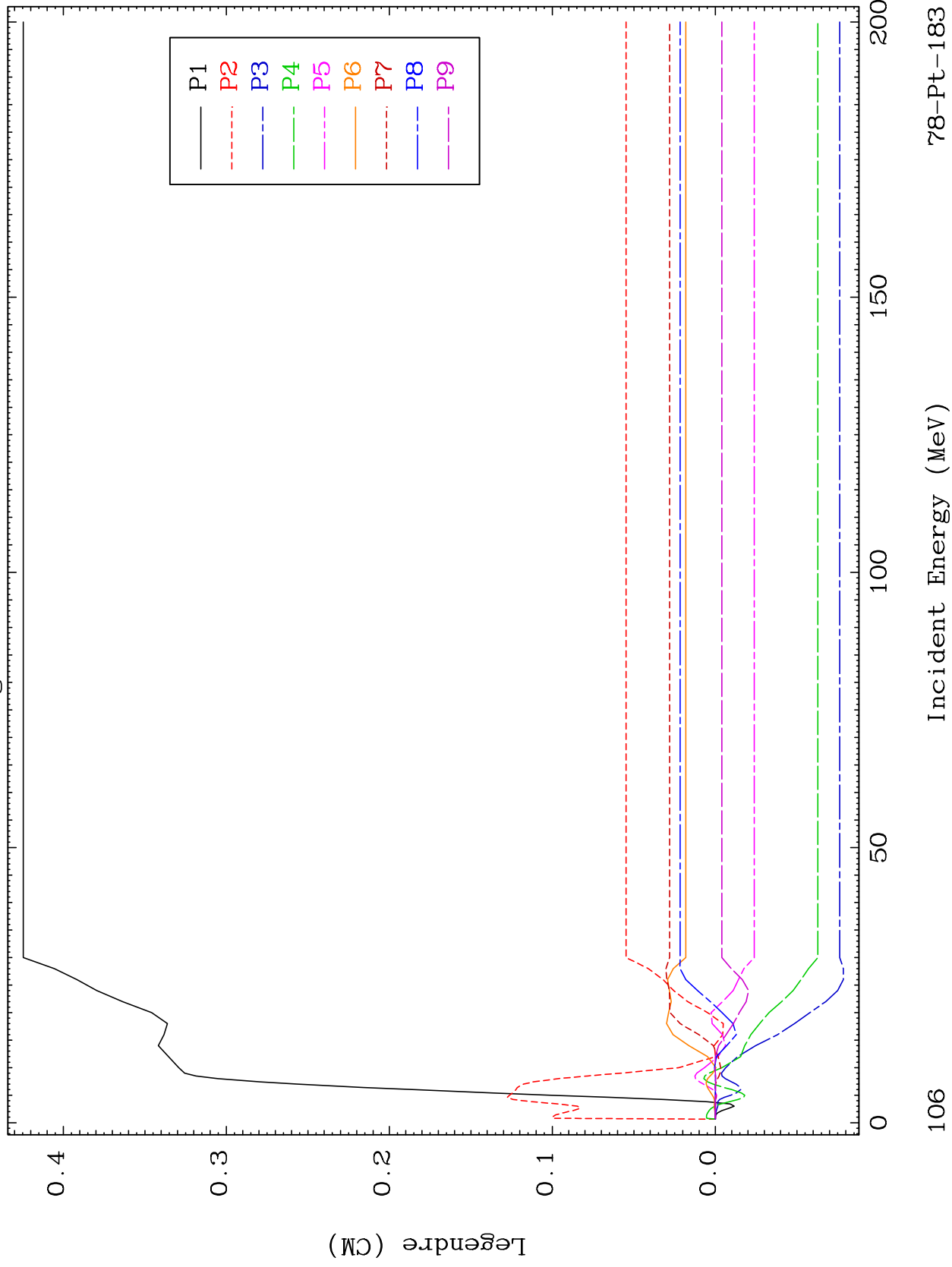
78-Pt-183



MAT 7804

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

78-Pt-183



78-Pt-183

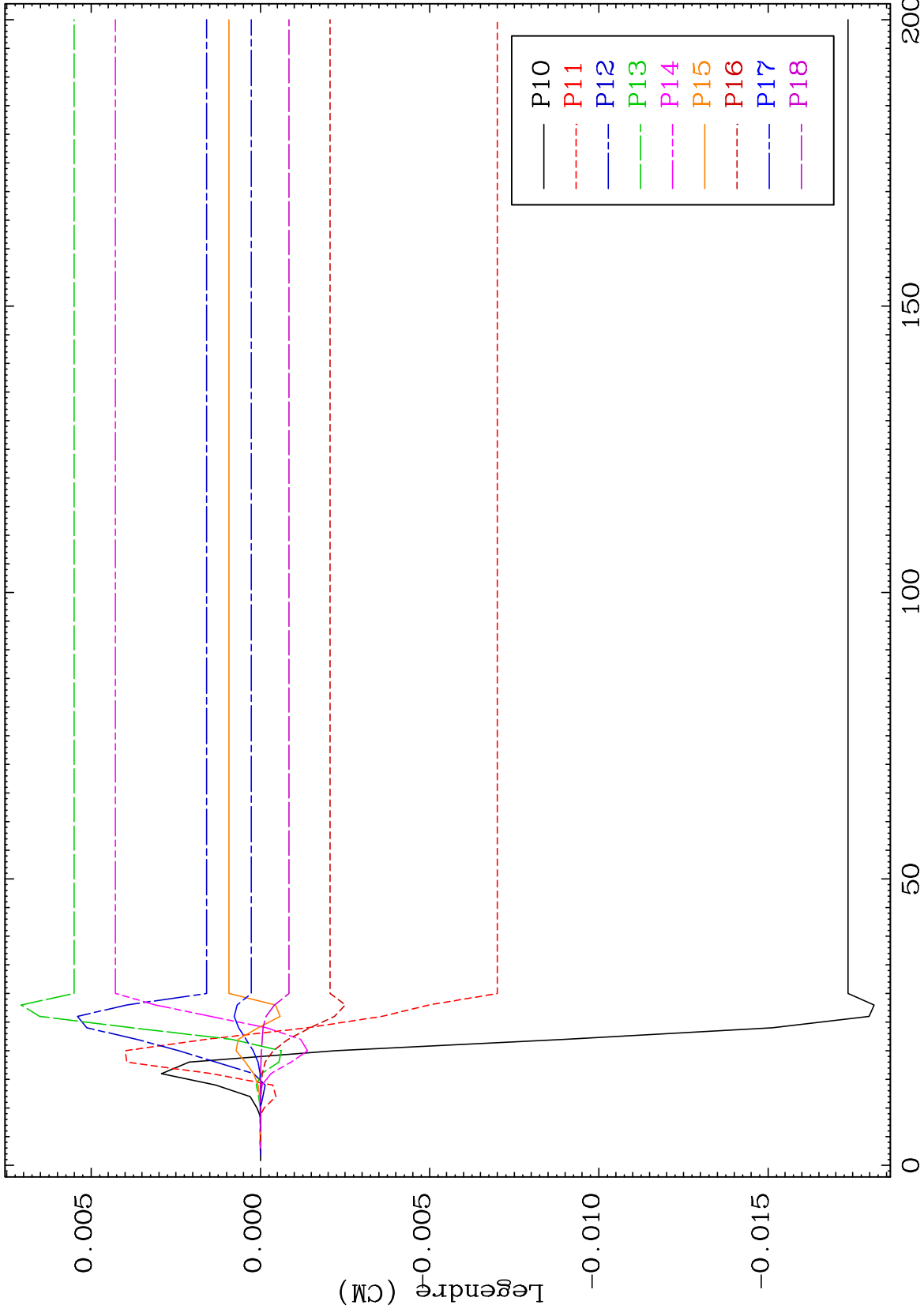
Incident Energy (MeV)

106

MAT 7804

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

78-Pt-183



107

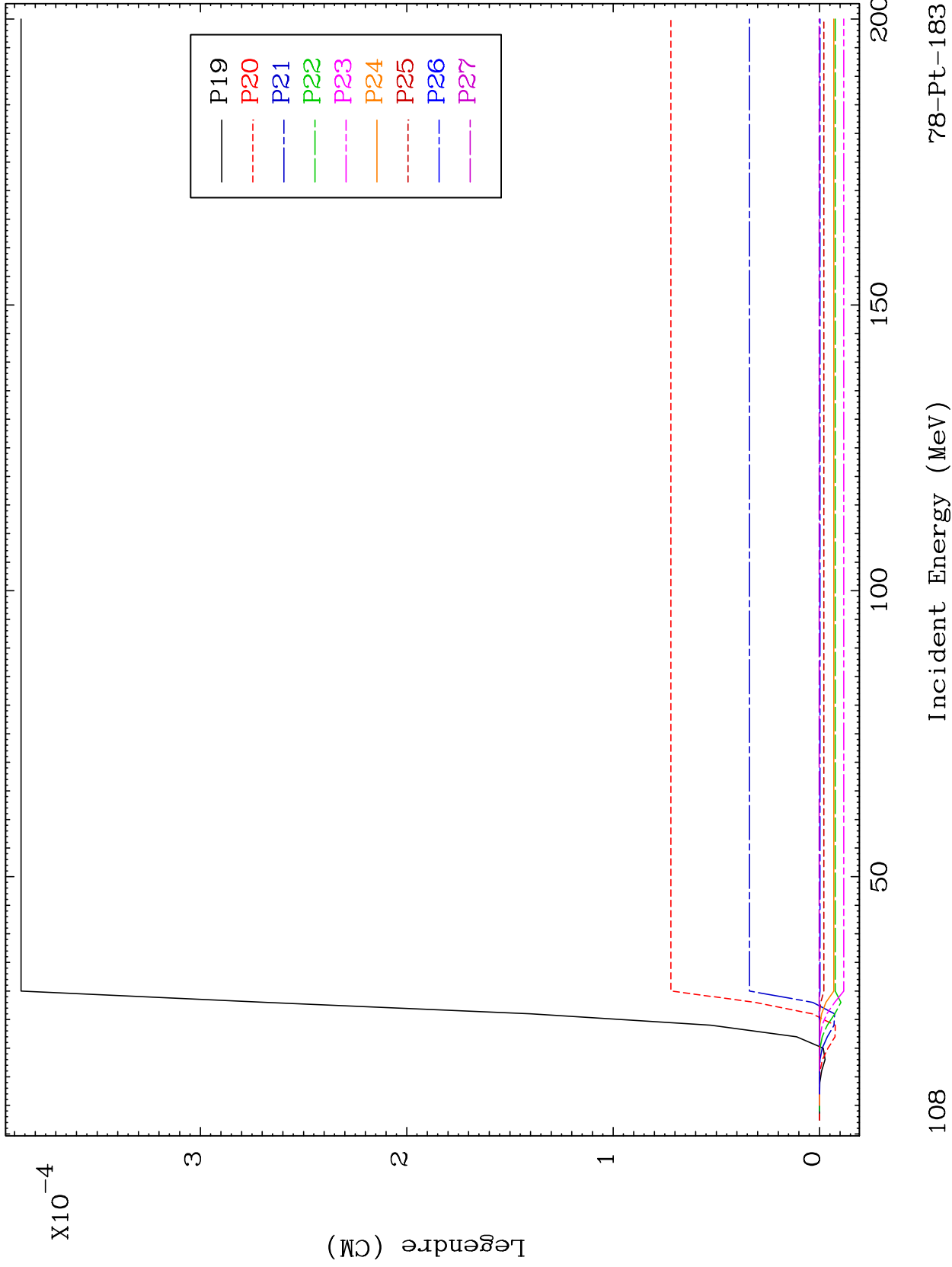
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

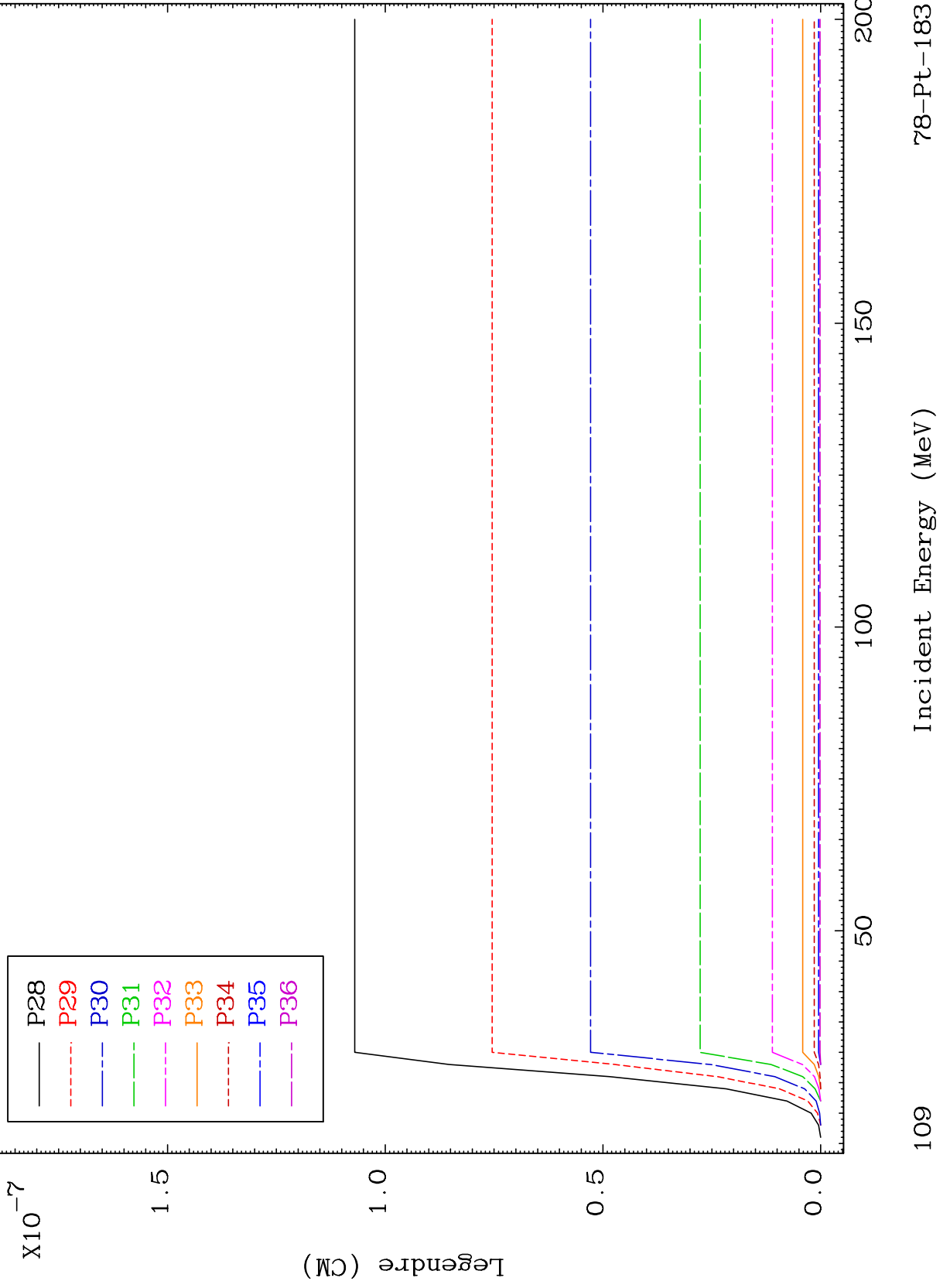
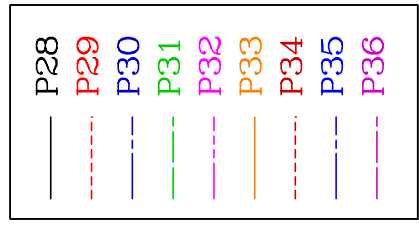
78-Pt-183



MAT 7804

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

78-Pt-183



109

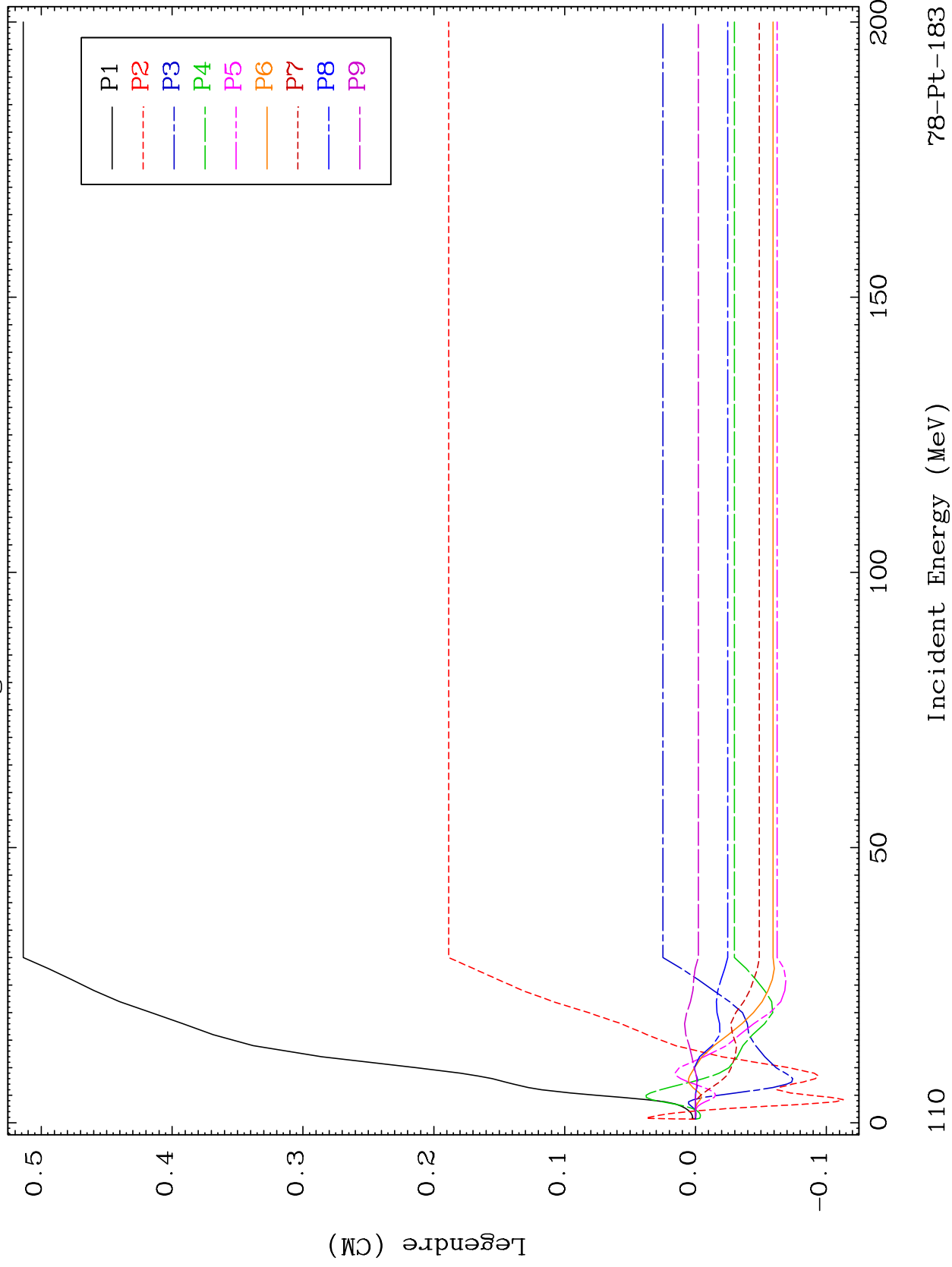
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



78-Pt-183

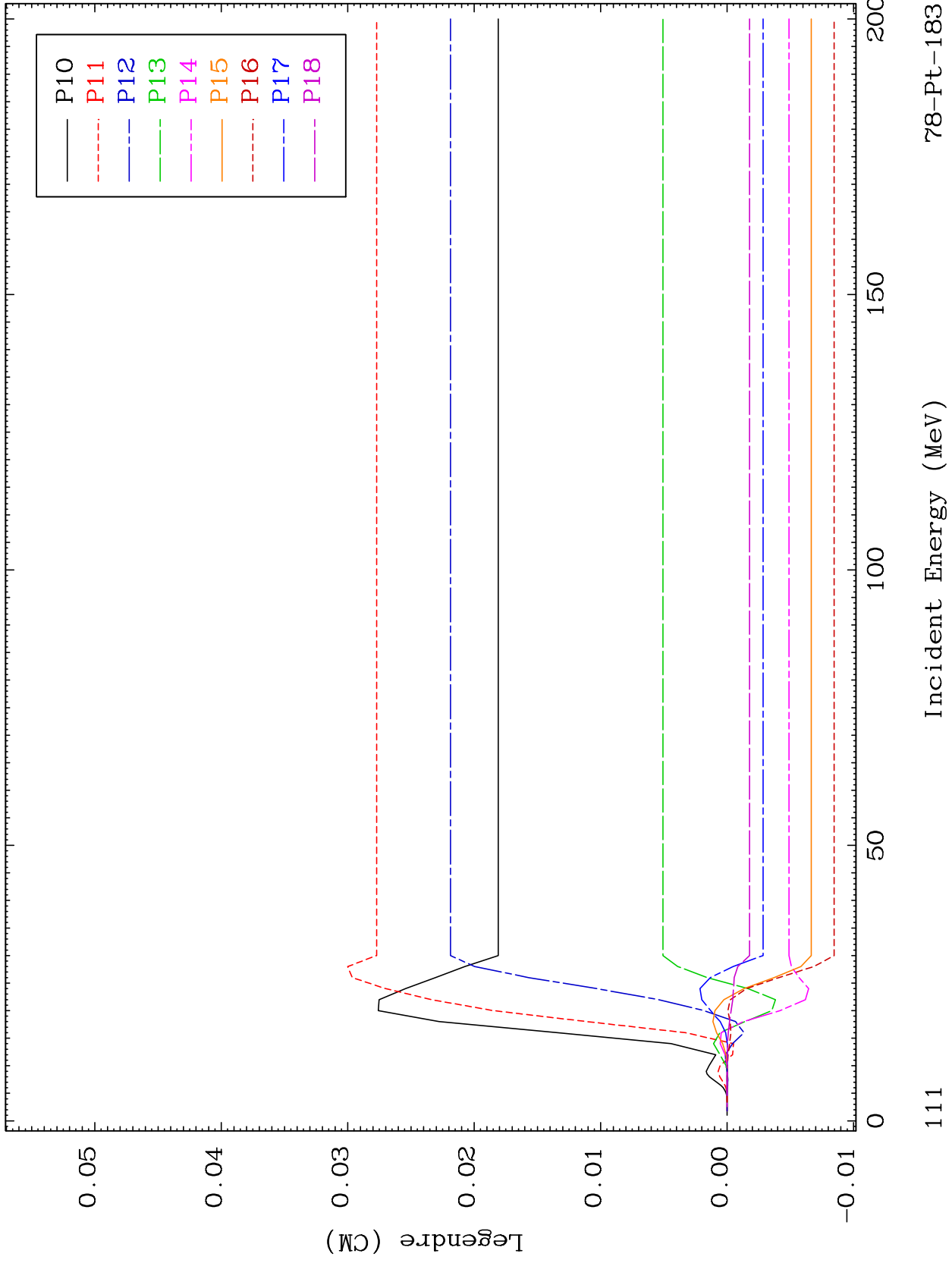
Incident Energy (MeV)

110

MAT 7804

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

78-Pt-183



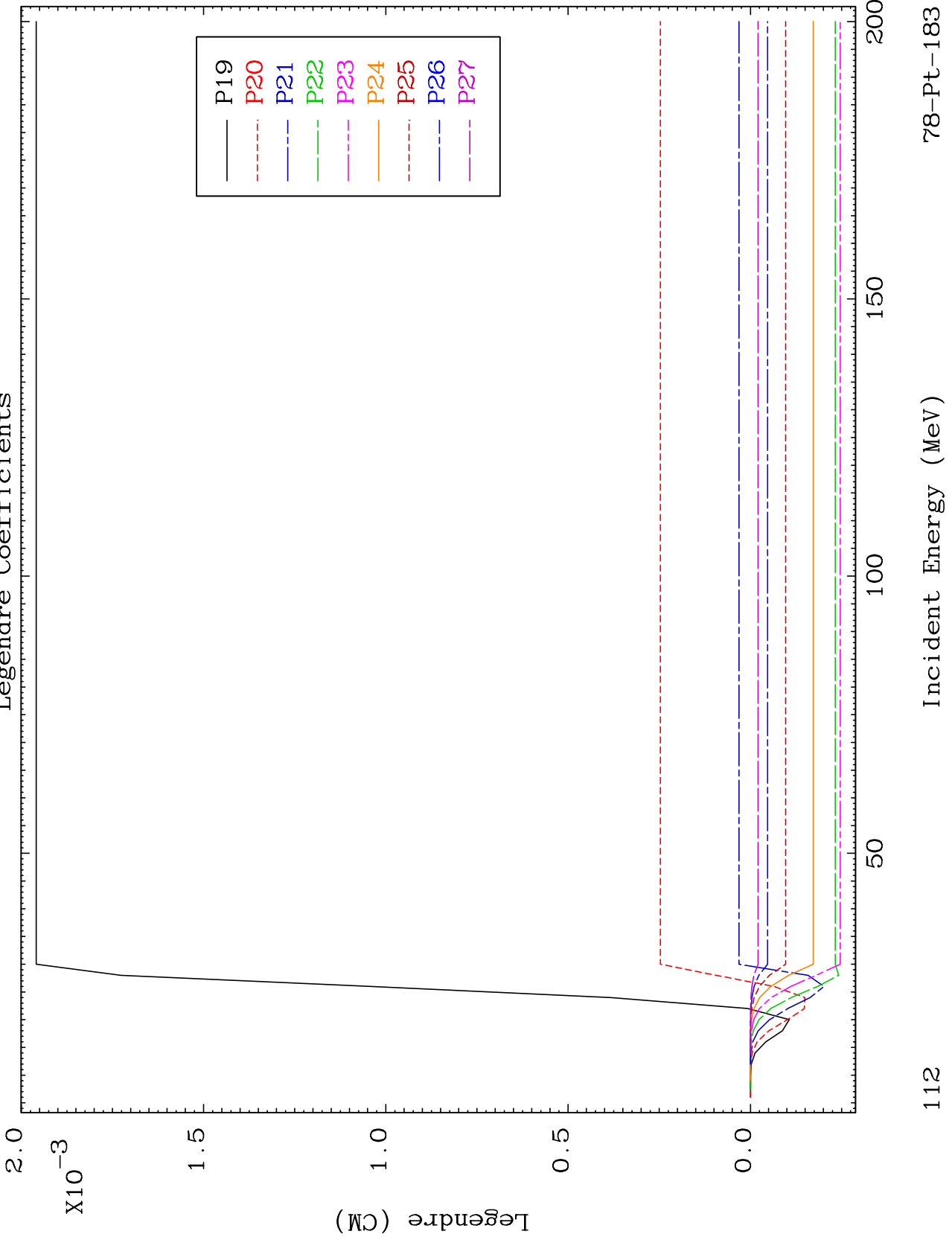
111



MAT 7804

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

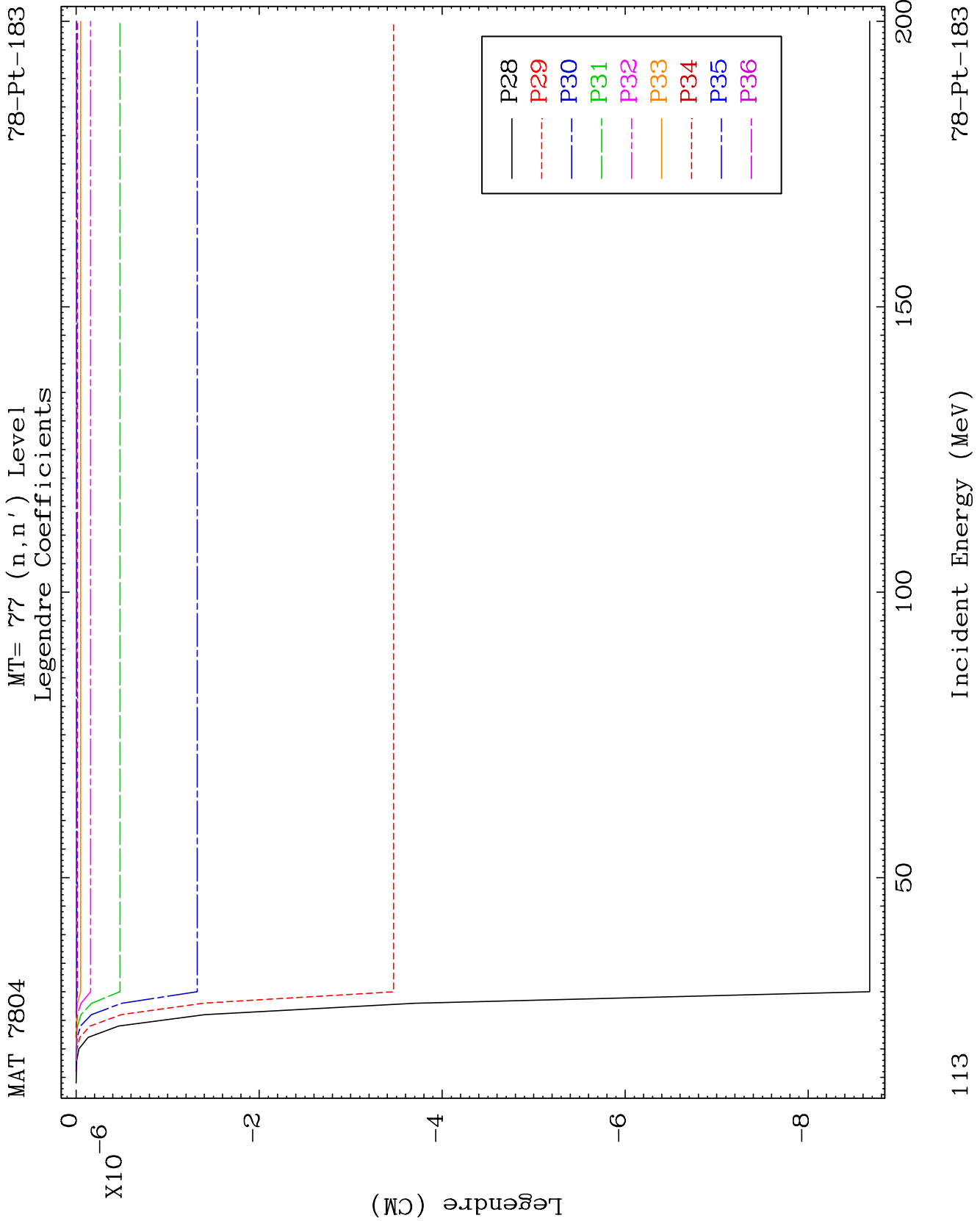
78-Pt-183

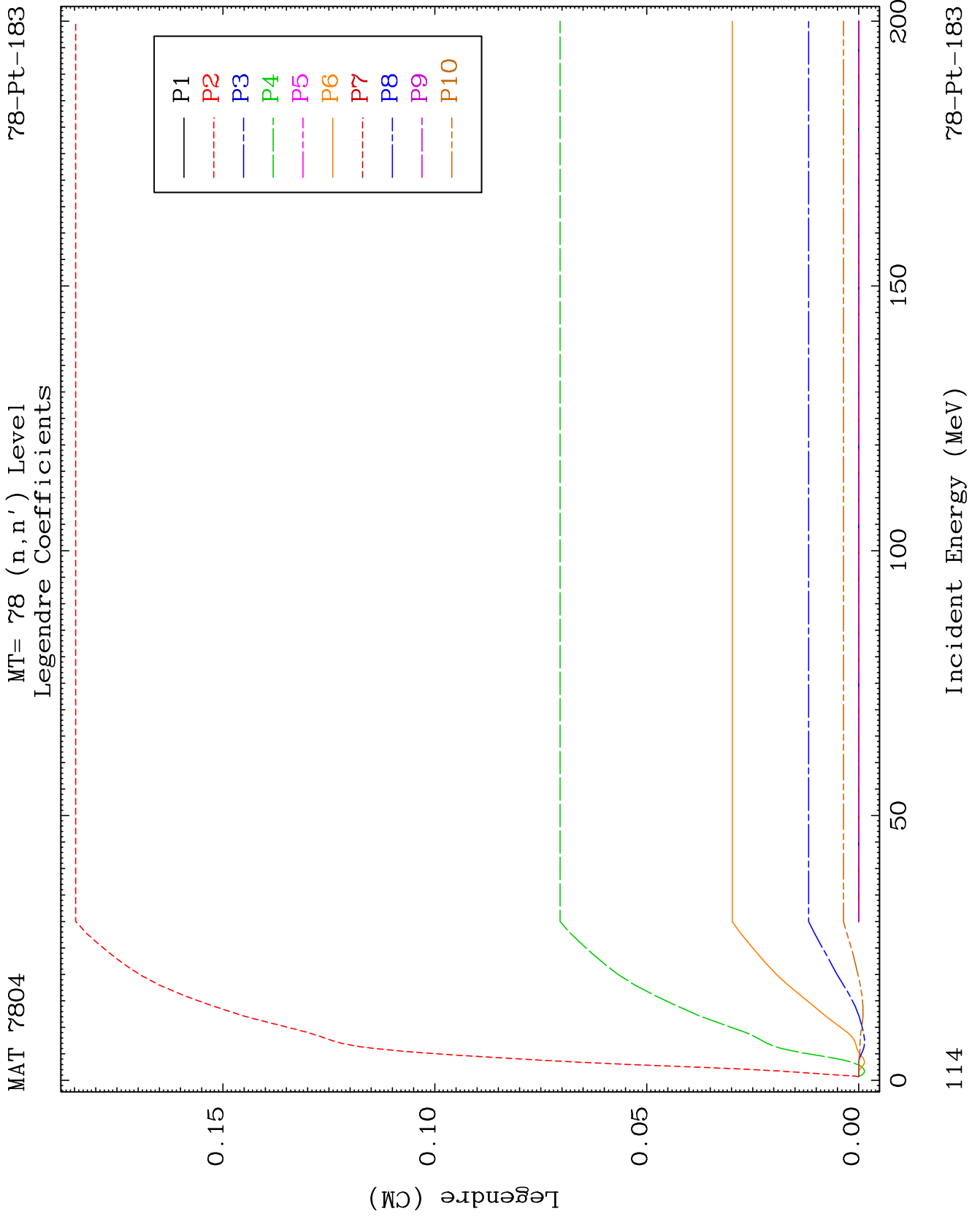


112

Incident Energy (MeV)

78-Pt-183

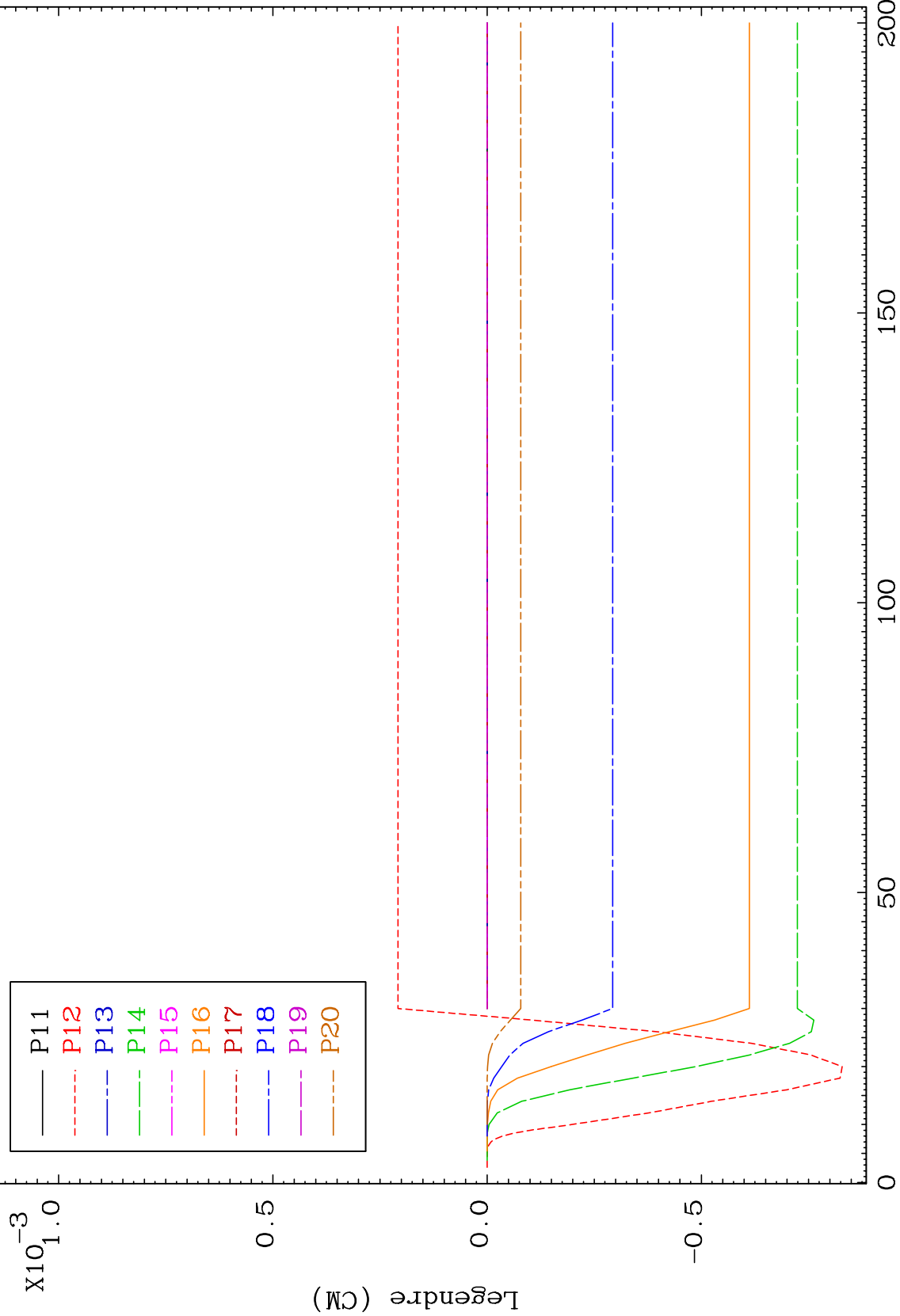
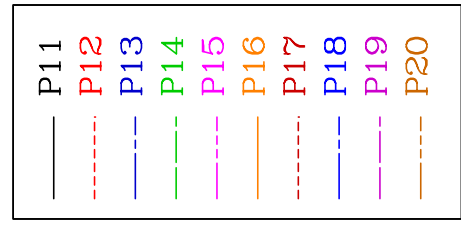




MAT 7804

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

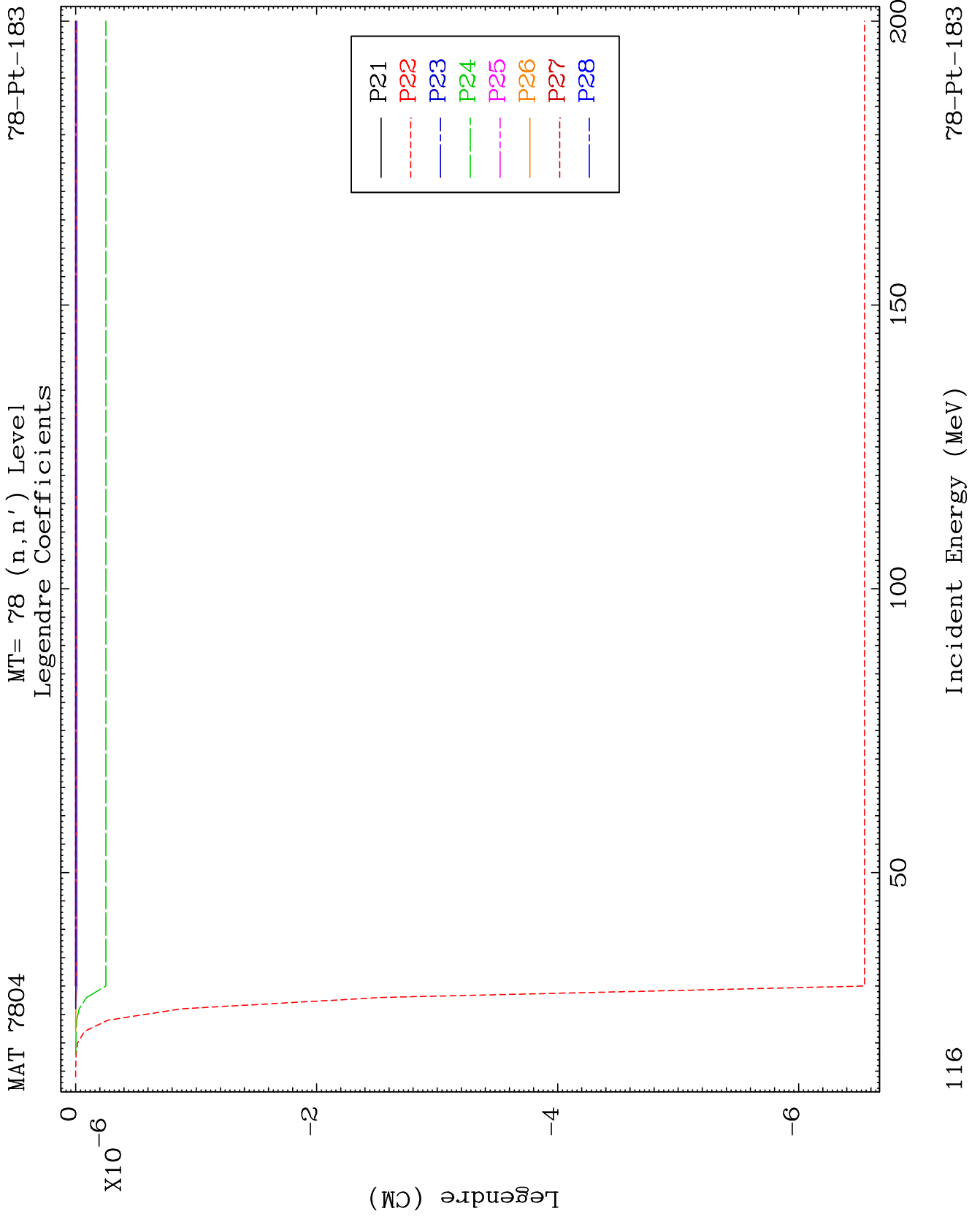
78-Pt-183



115

Incident Energy (MeV)

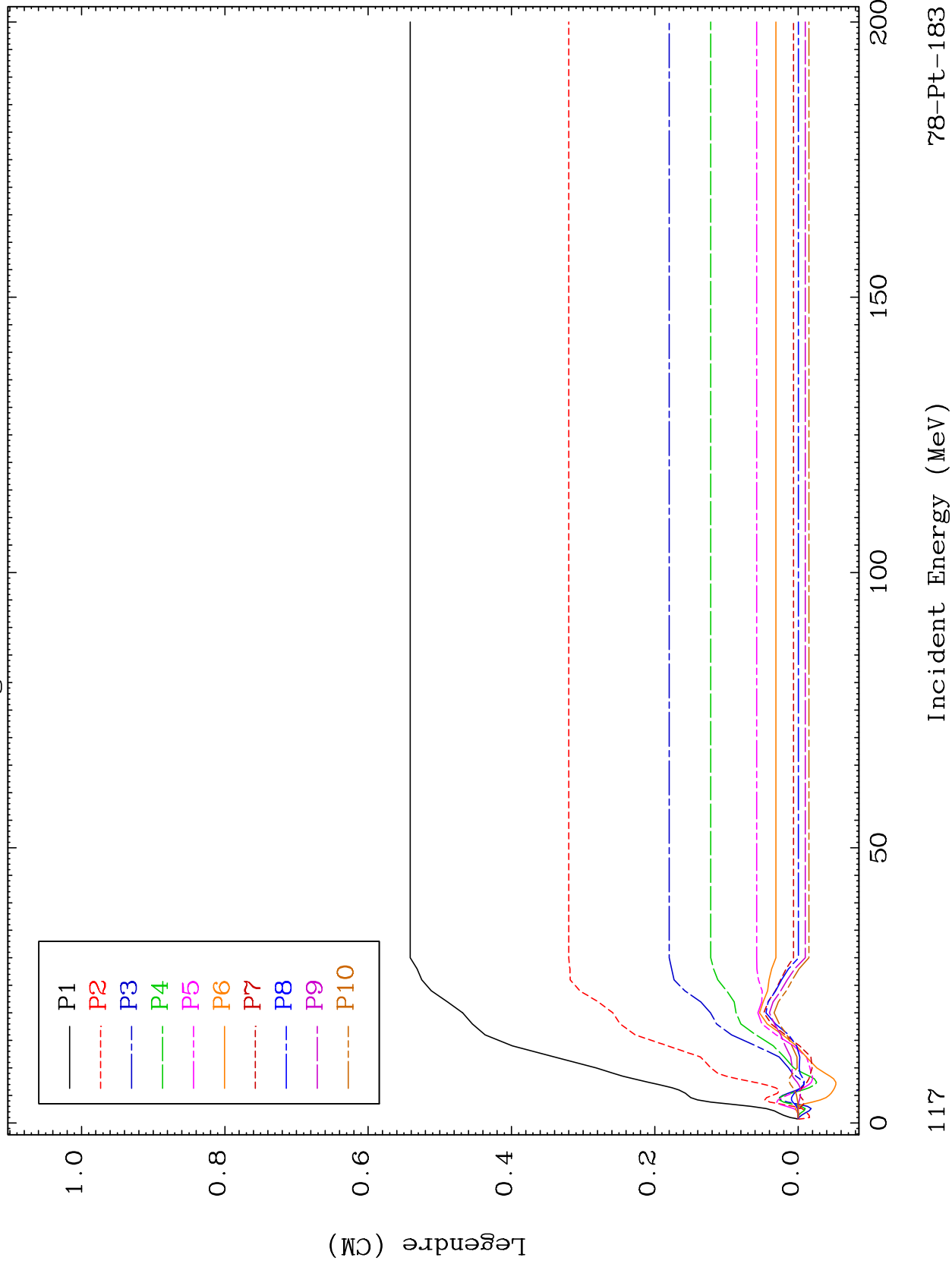
78-Pt-183



MAT 7804

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

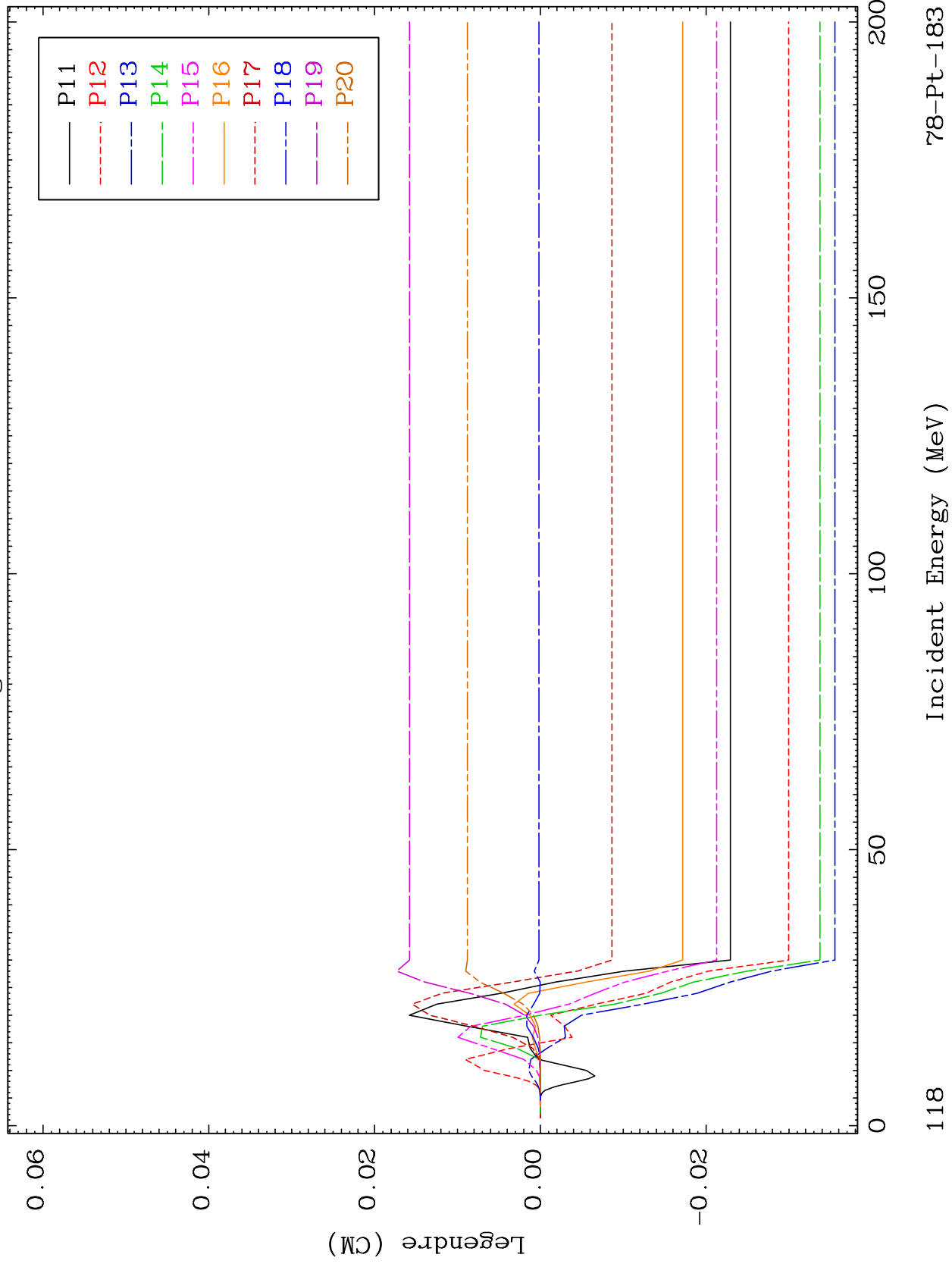
78-Pt-183



MAT 7804

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

78-Pt-183

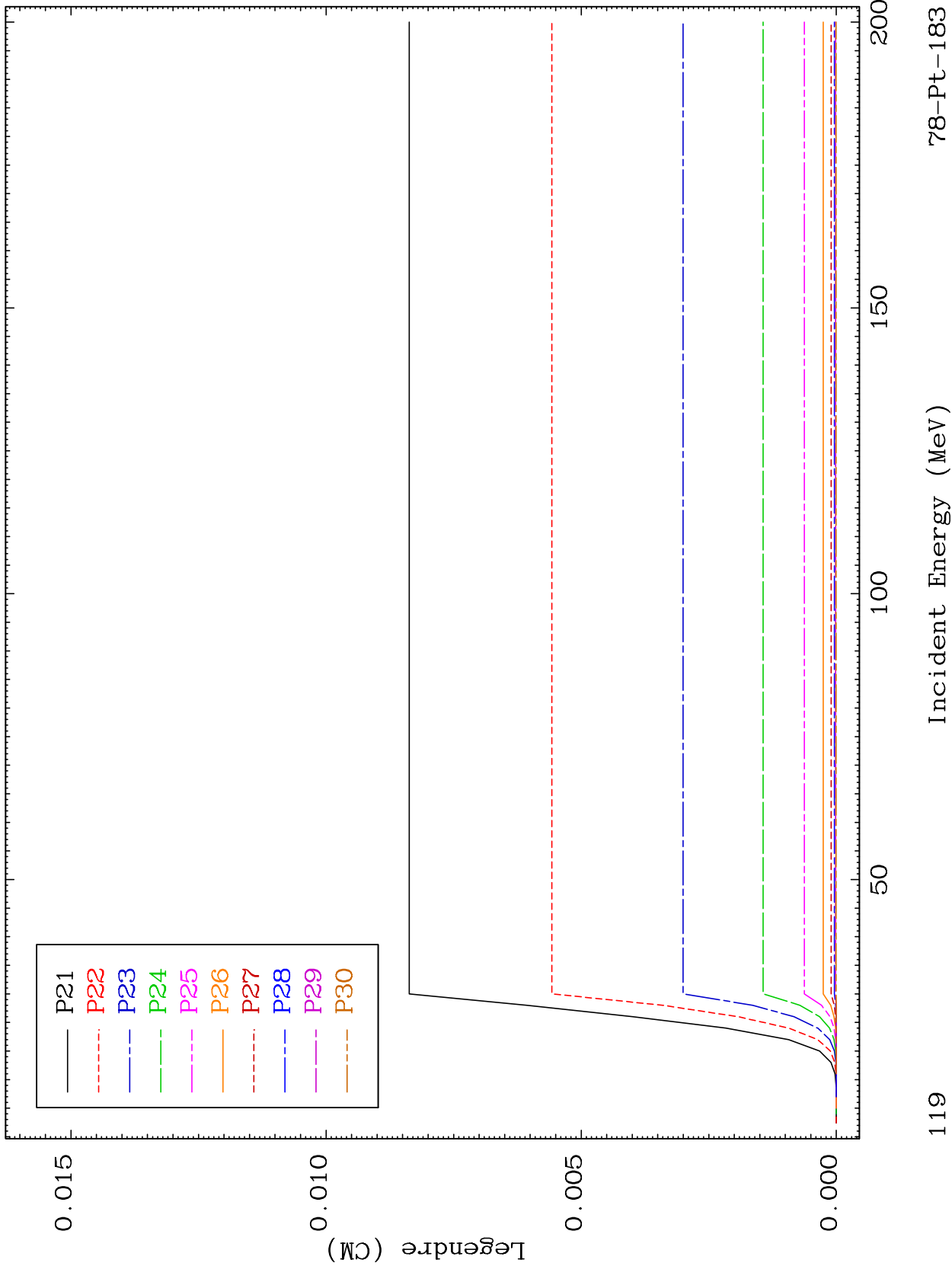


118

MAT 7804

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

78-Pt-183



119

Incident Energy (MeV)

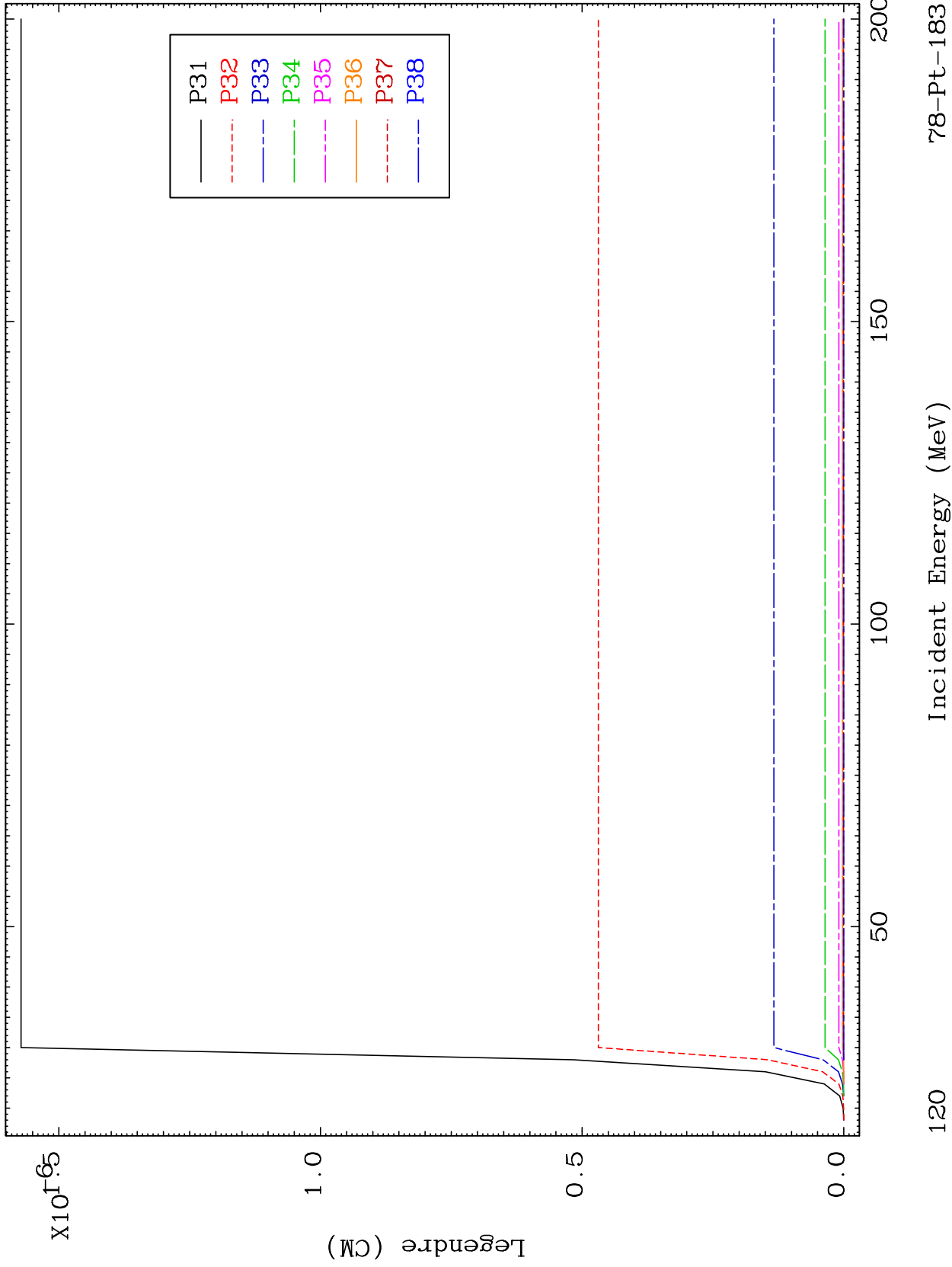
78-Pt-183



MAT 7804

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

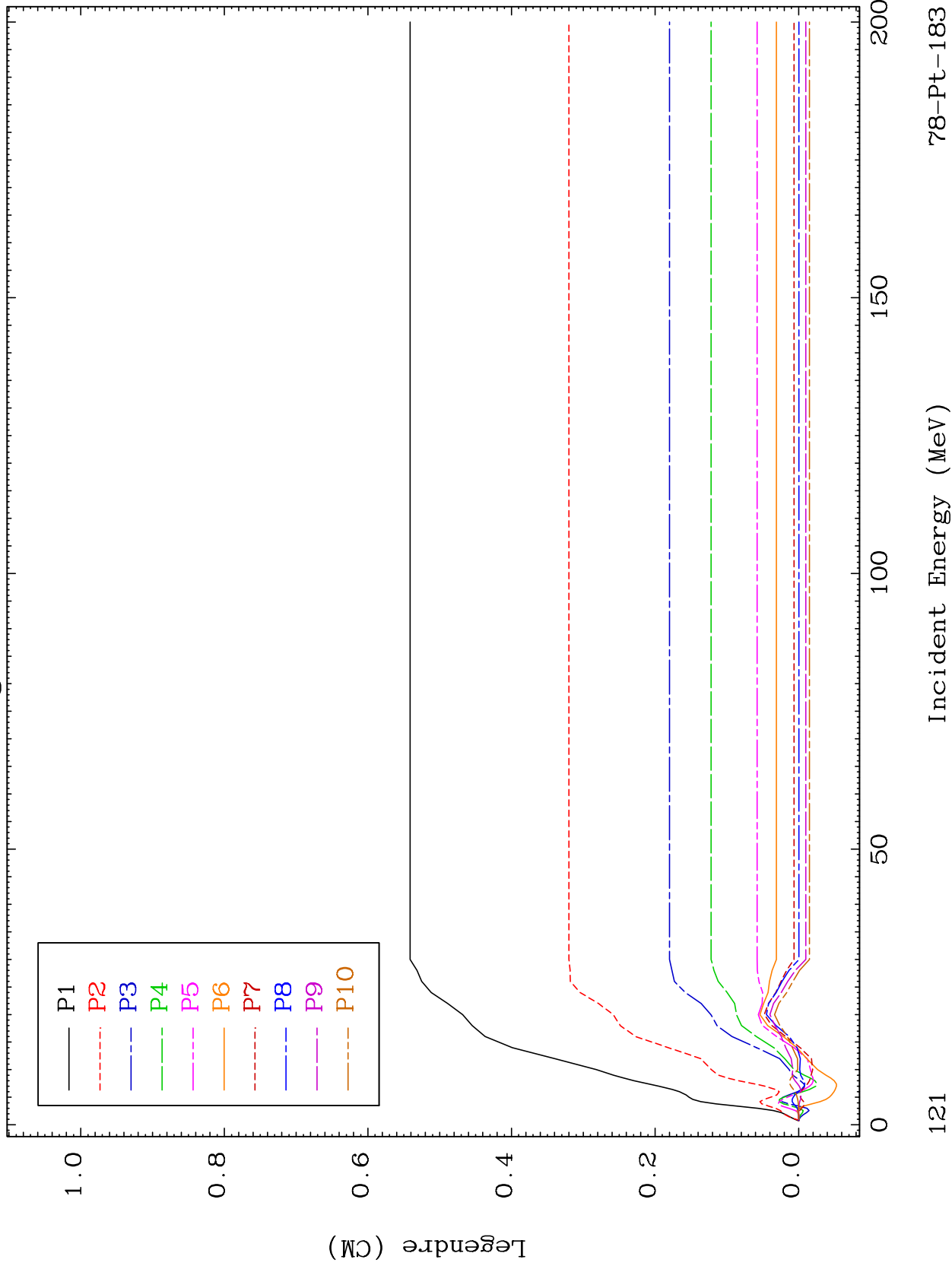
78-Pt-183



MAT 7804

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

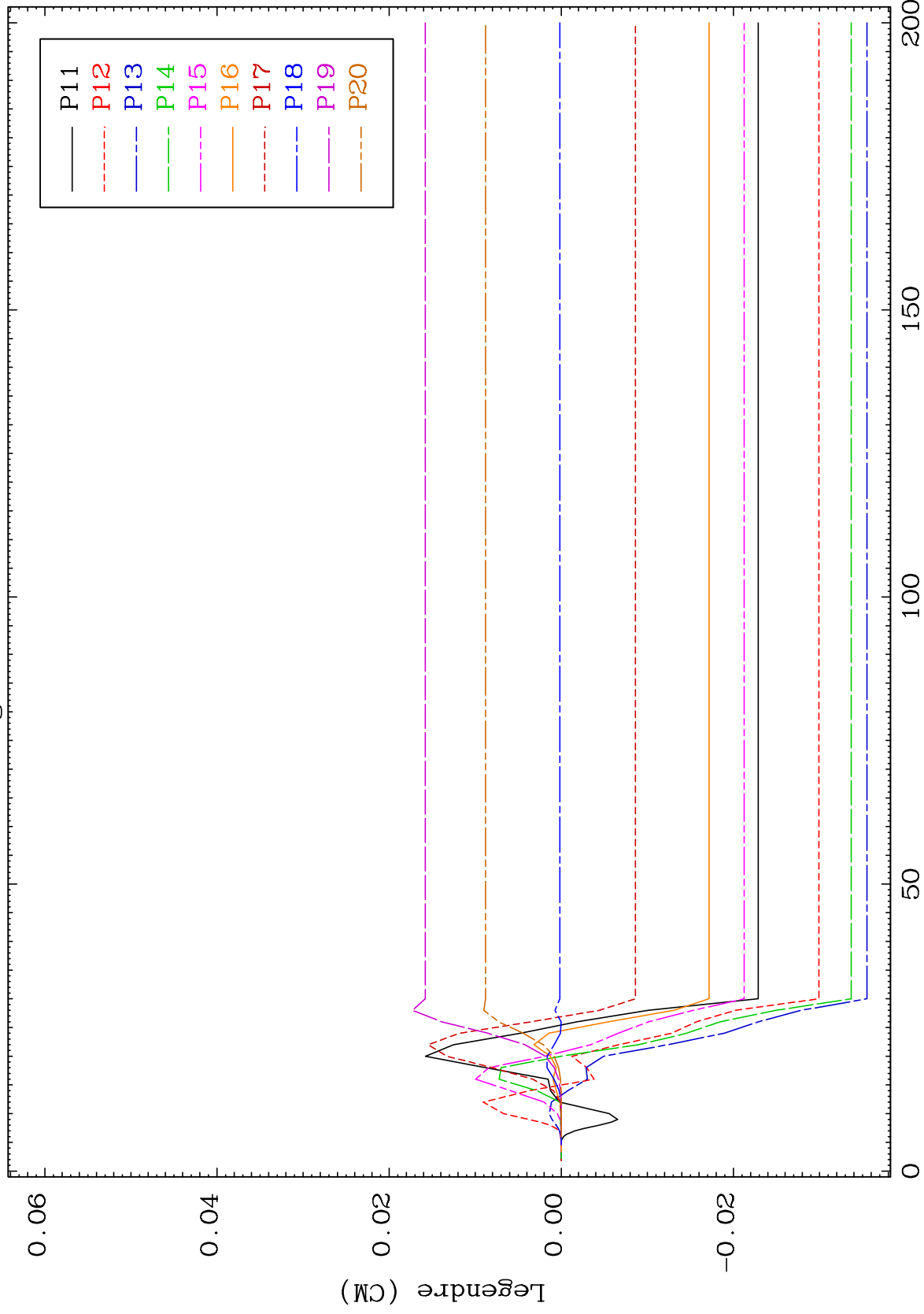
78-Pt-183



MAT 7804

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

78-Pt-183



122

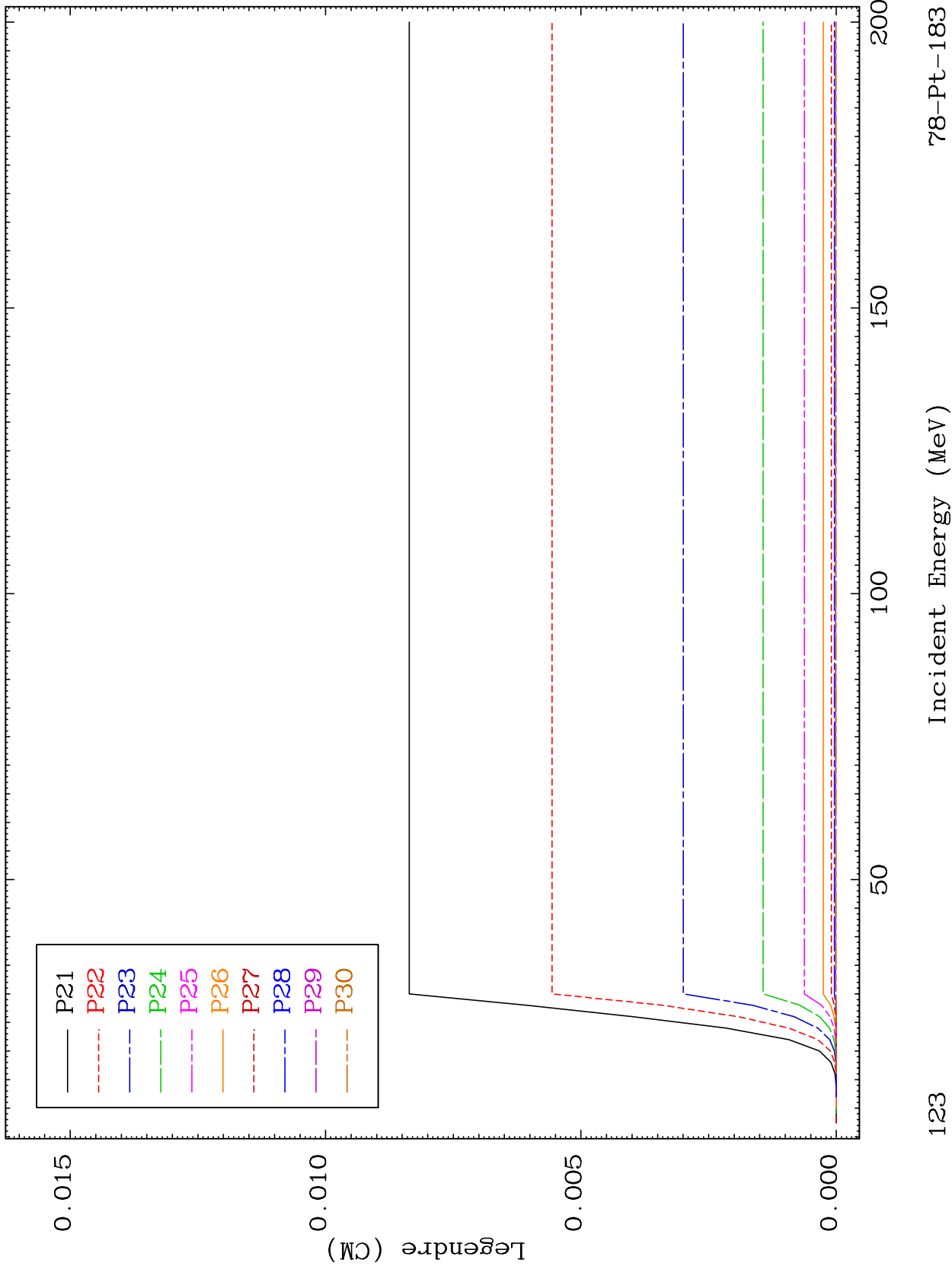
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



123

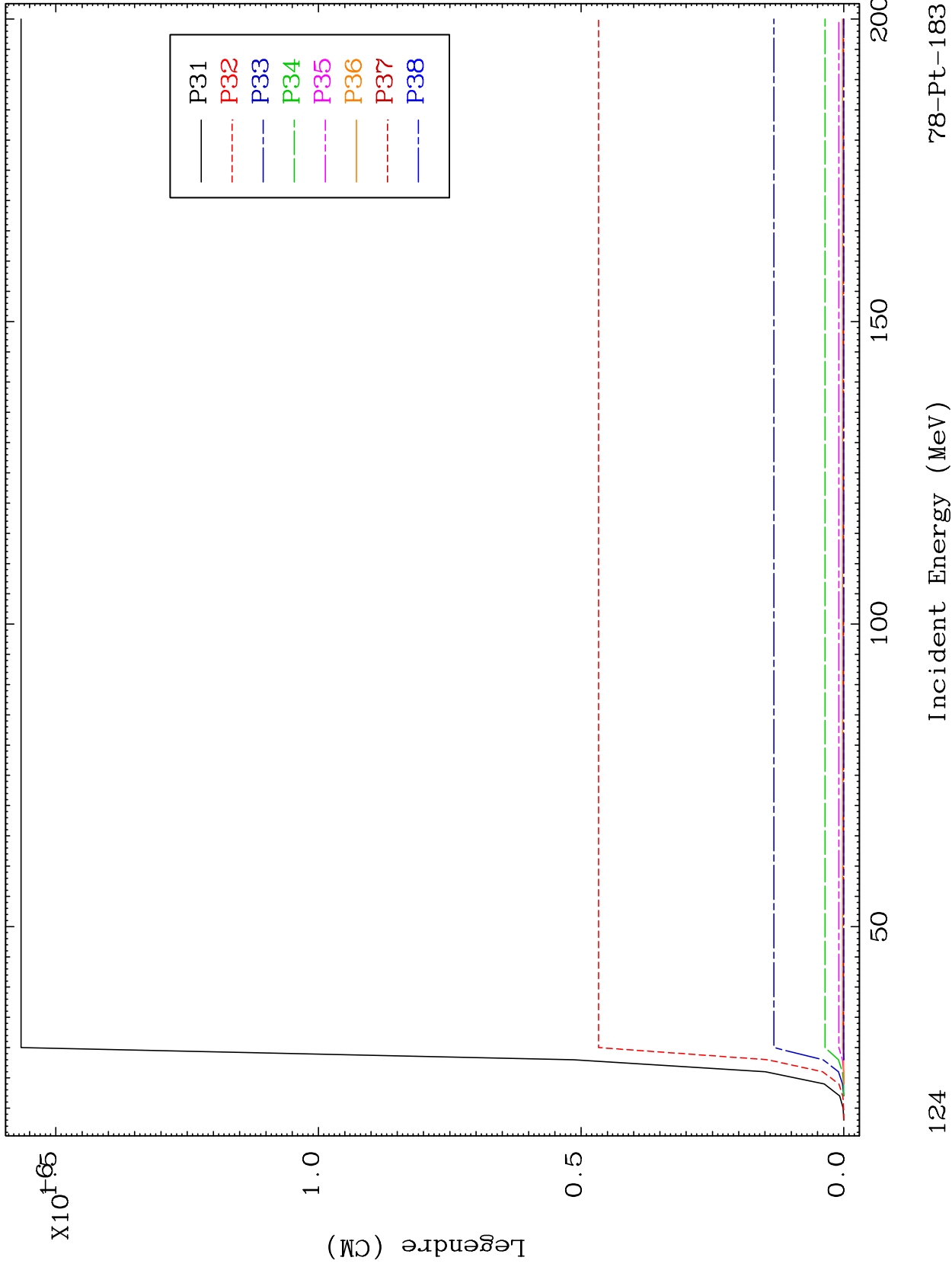
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

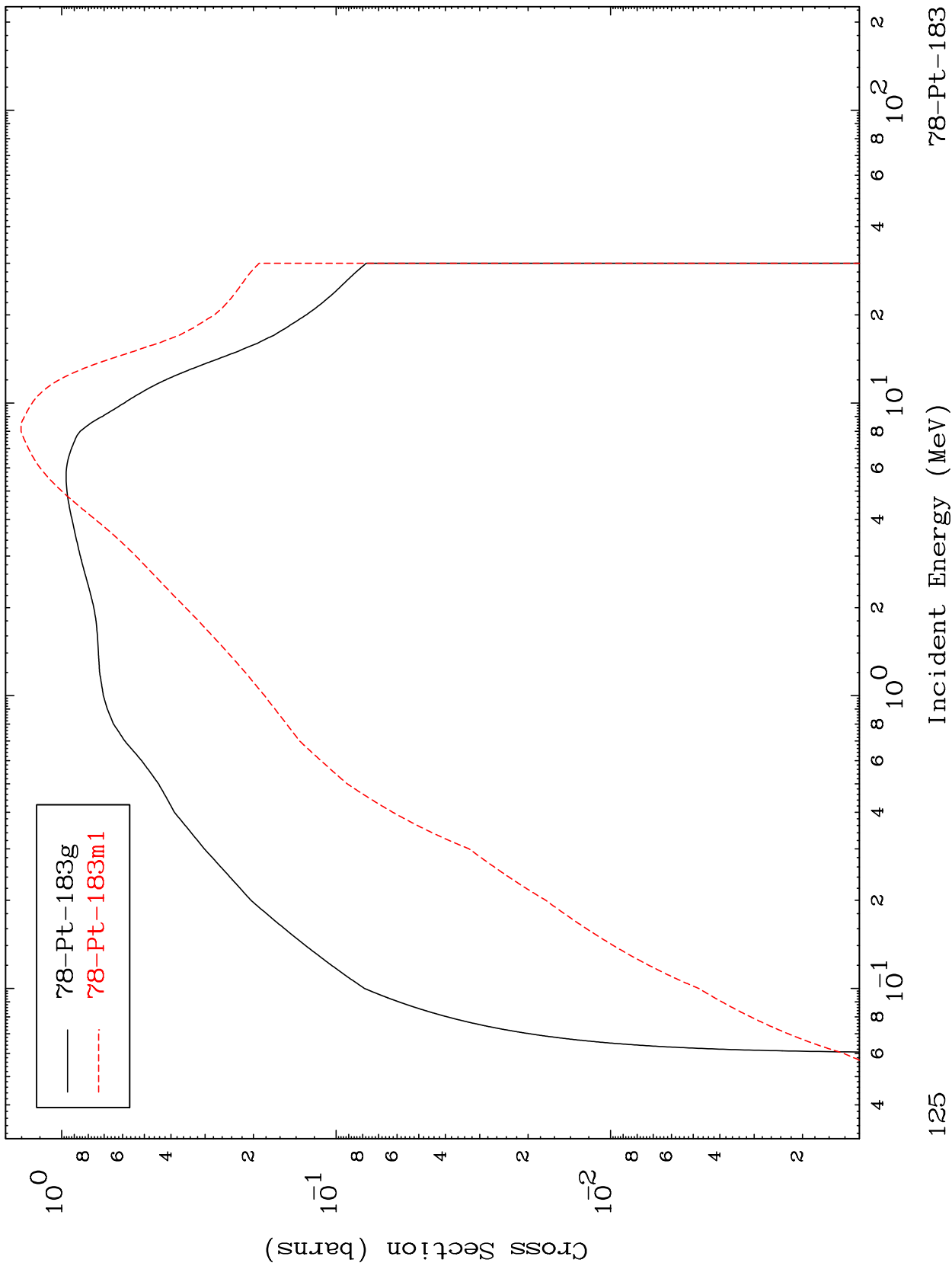
78-Pt-183



MAT 7804

78-Pt-183

Inelastic  
Radionuclide Production Cross Section



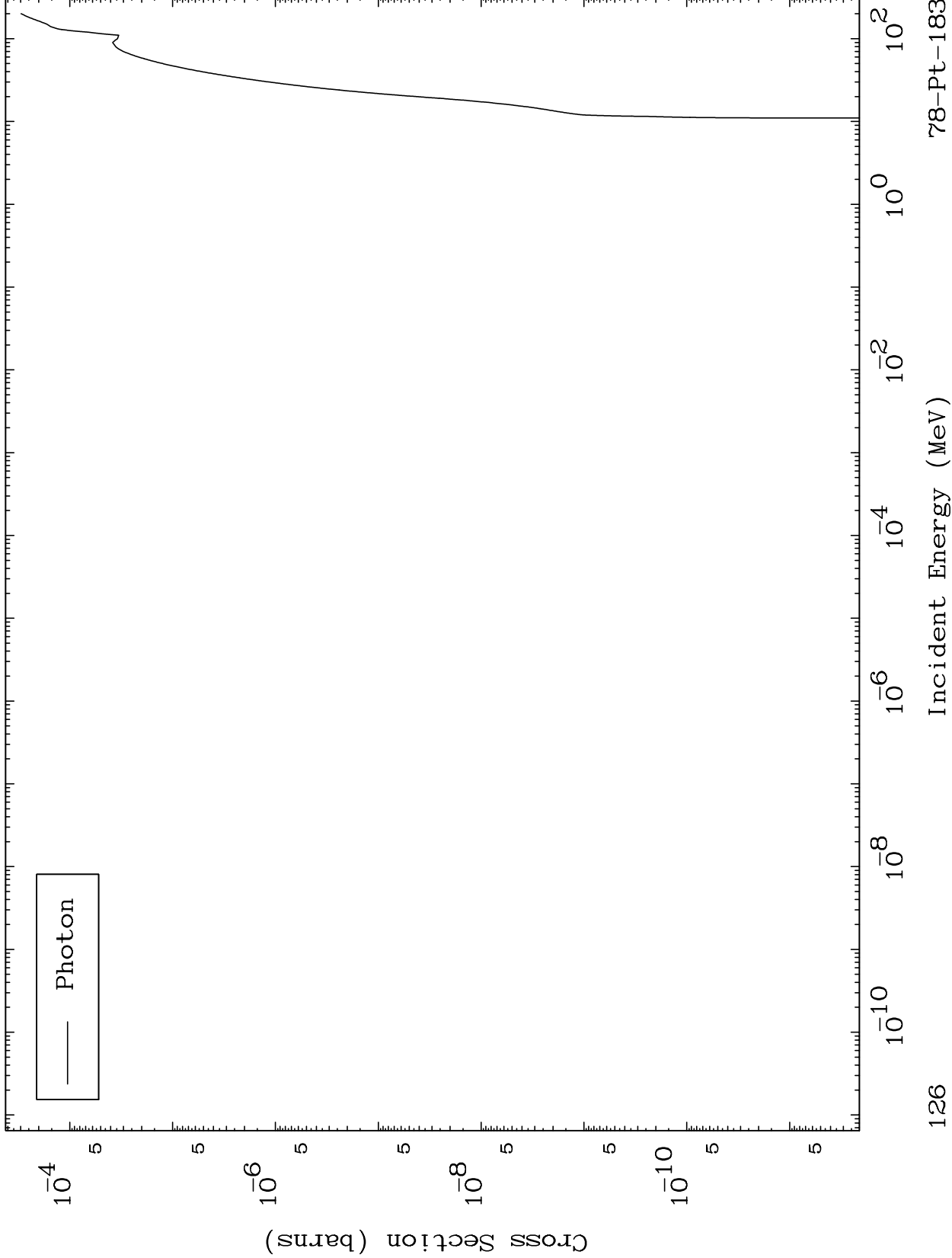
125

78-Pt-183

MAT 7804

Fission  
Radionuclide Production Cross Section

78-Pt-183

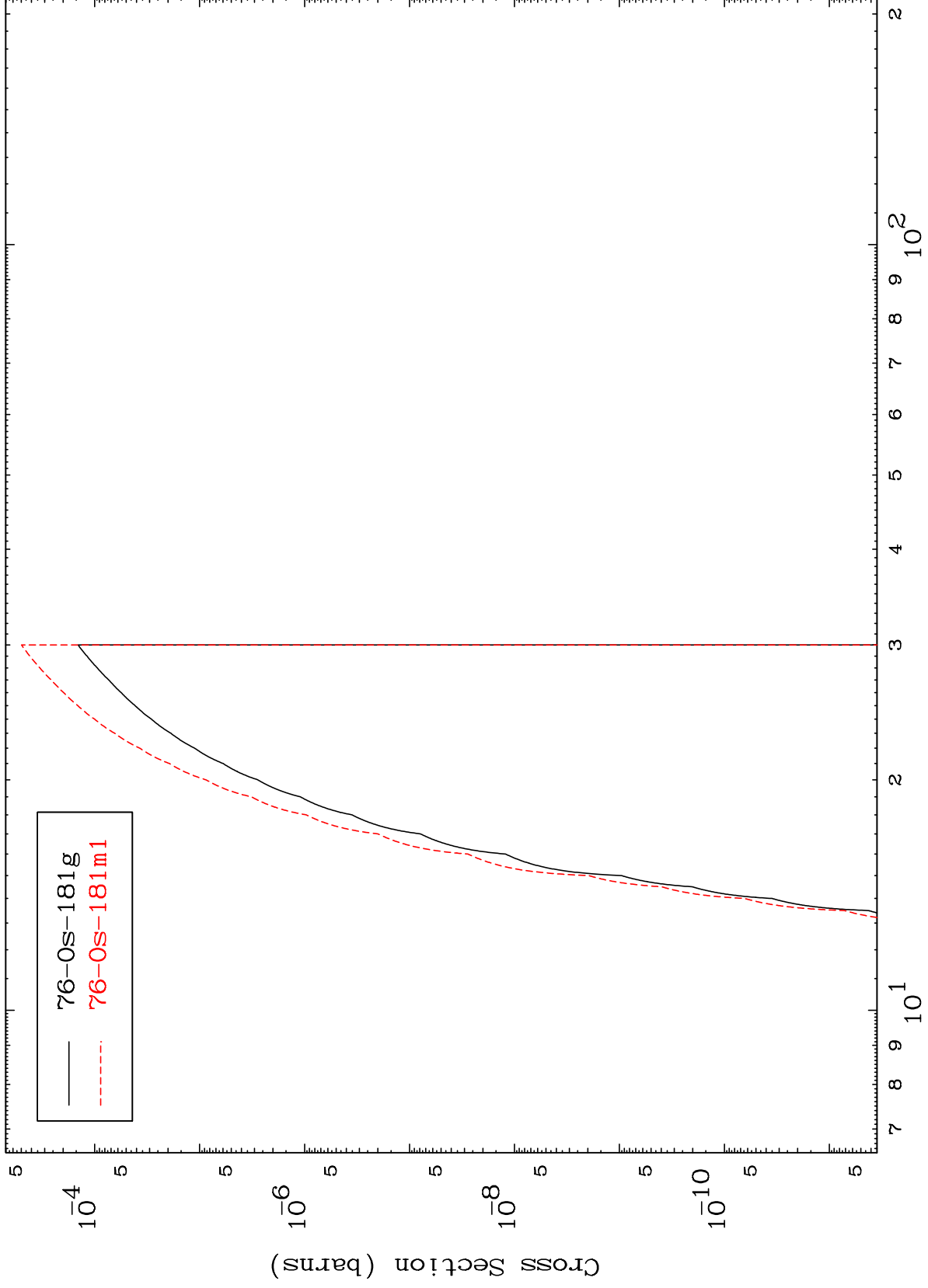


MAT 7804

(n,2n) p

78-Pt-183

Radionuclide Production Cross Section



127

Incident Energy (MeV)

78-Pt-183

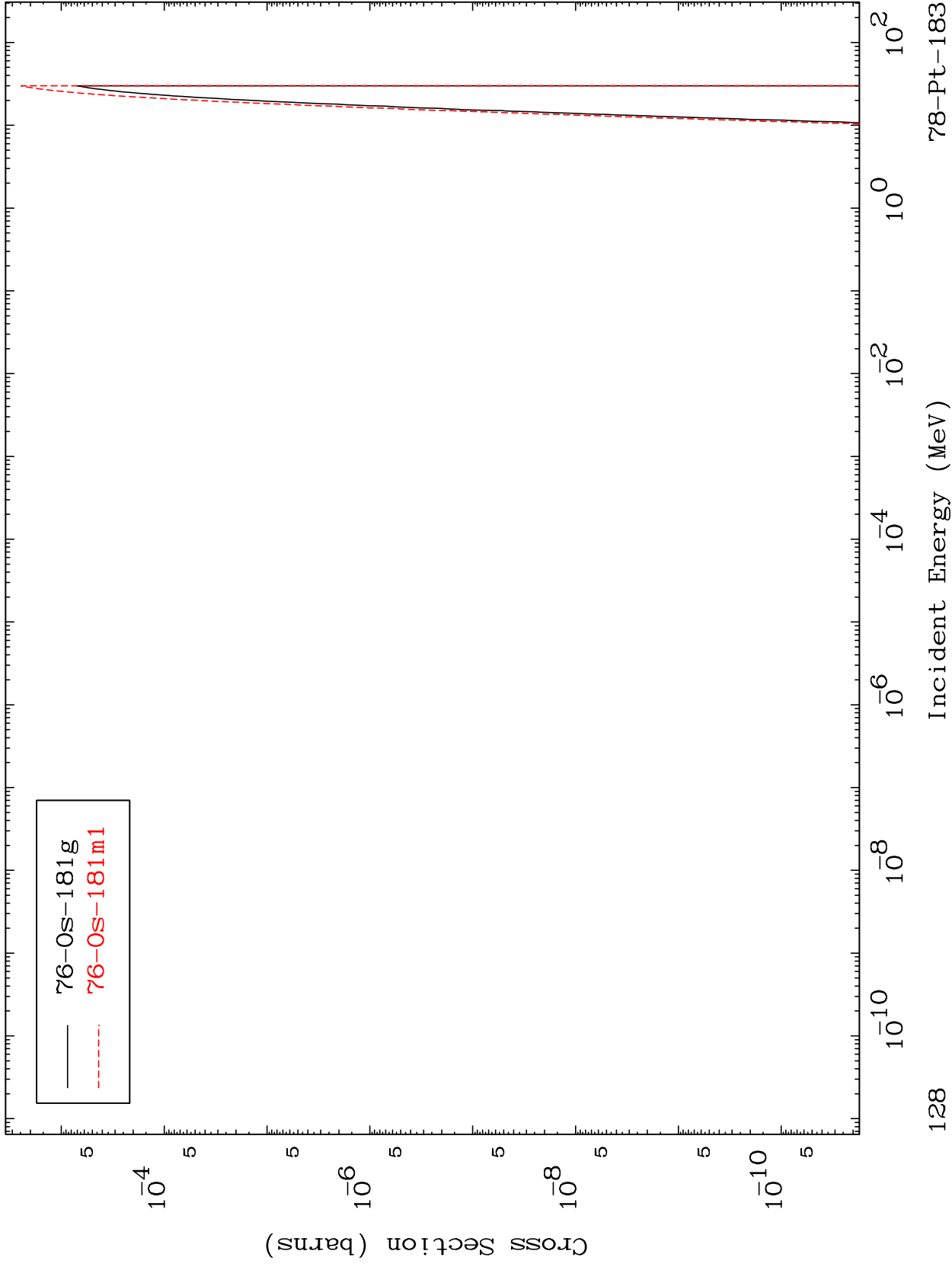


MAT 7804

(n,He-3)

78-Pt-183

Radionuclide Production Cross Section

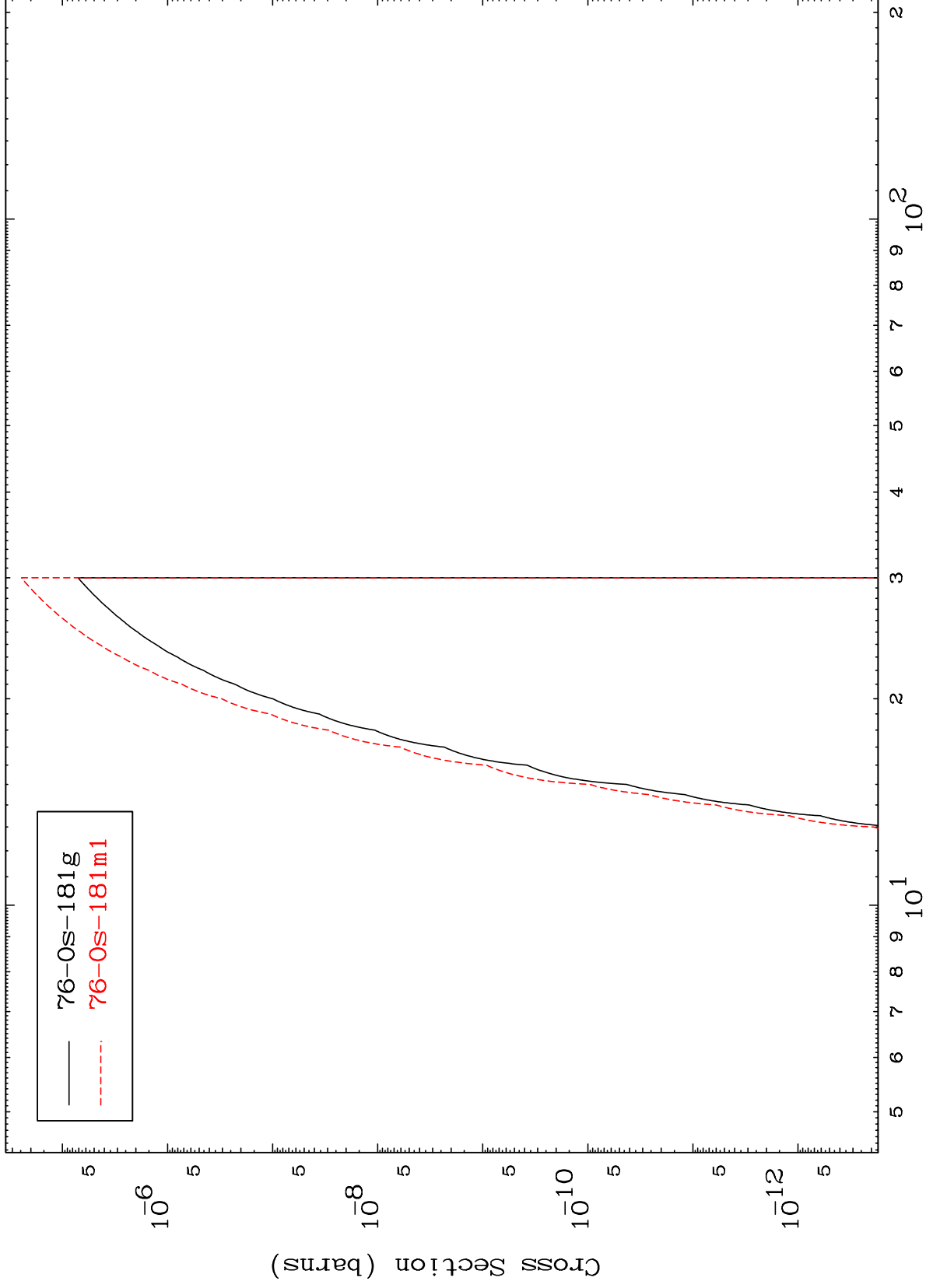


MAT 7804

(n,p) d

78-Pt-183

Radionuclide Production Cross Section



129

Incident Energy (MeV)

78-Pt-183