

Program EVALPLOT  
(Version 2017-1)

by

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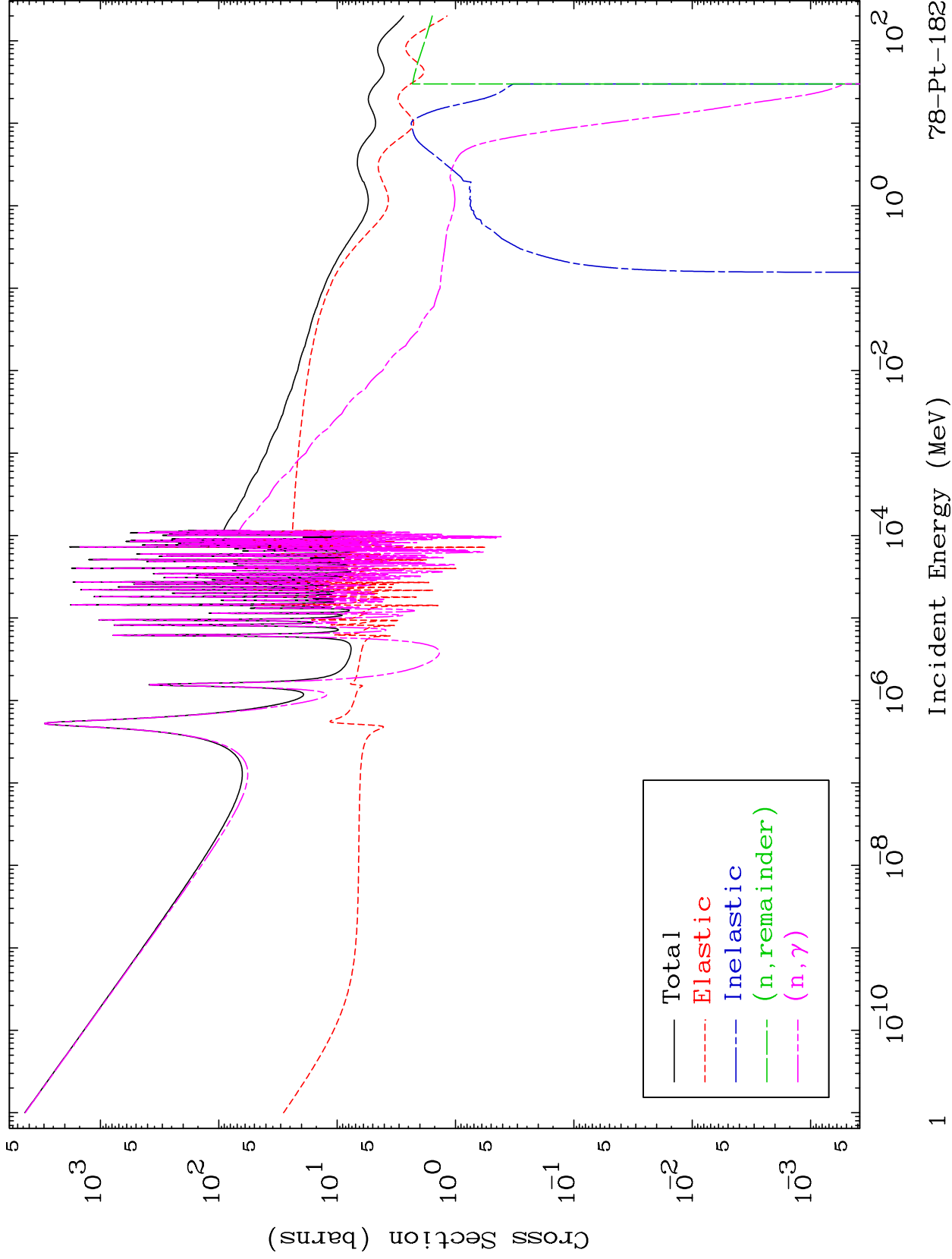
Press Mouse Button to Start

MAT 7801

Major

293 Kelvin Cross Sections

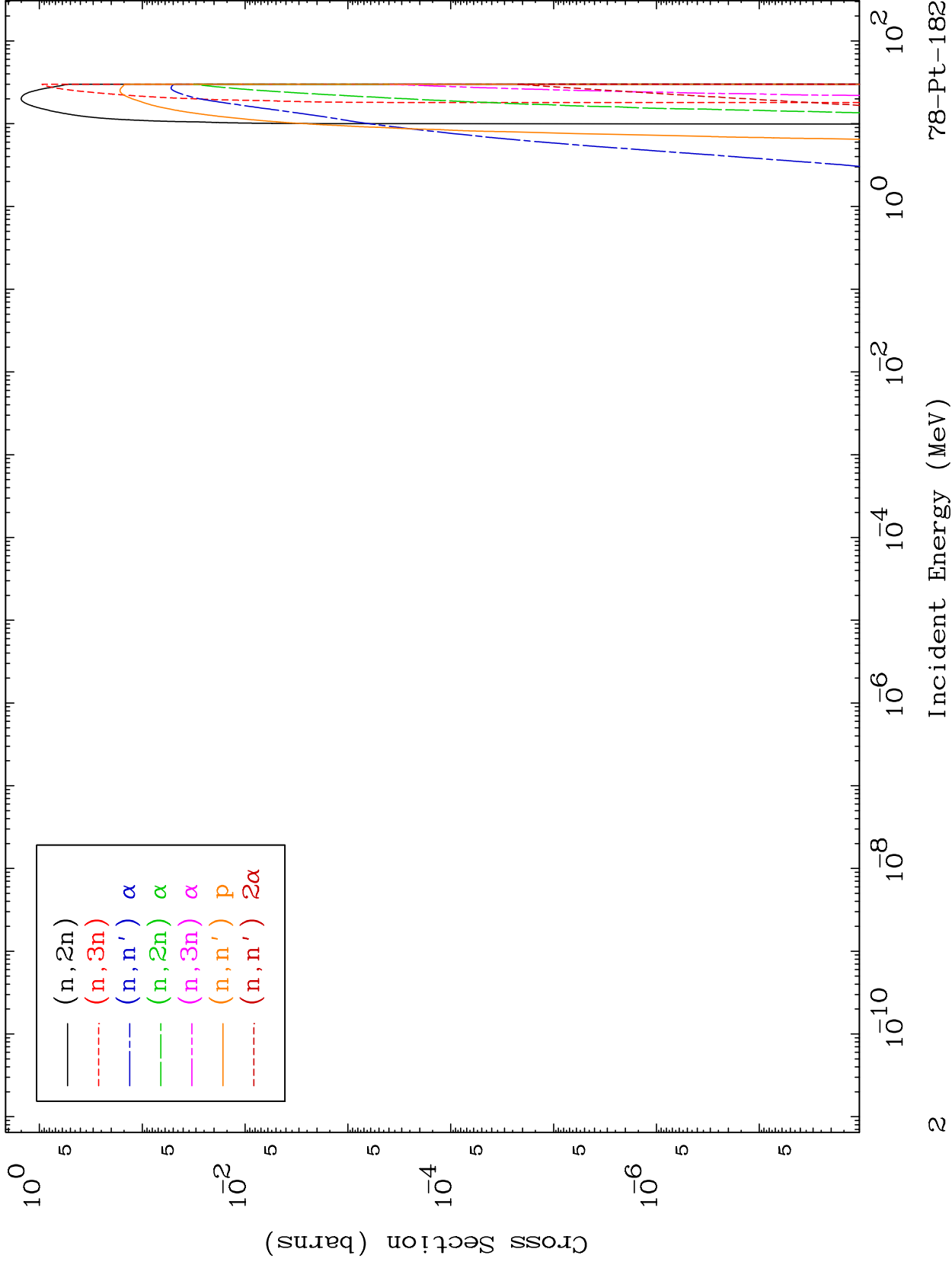
78-Pt-182



MAT 7801

Neutron Production  
293 Kelvin Cross Sections

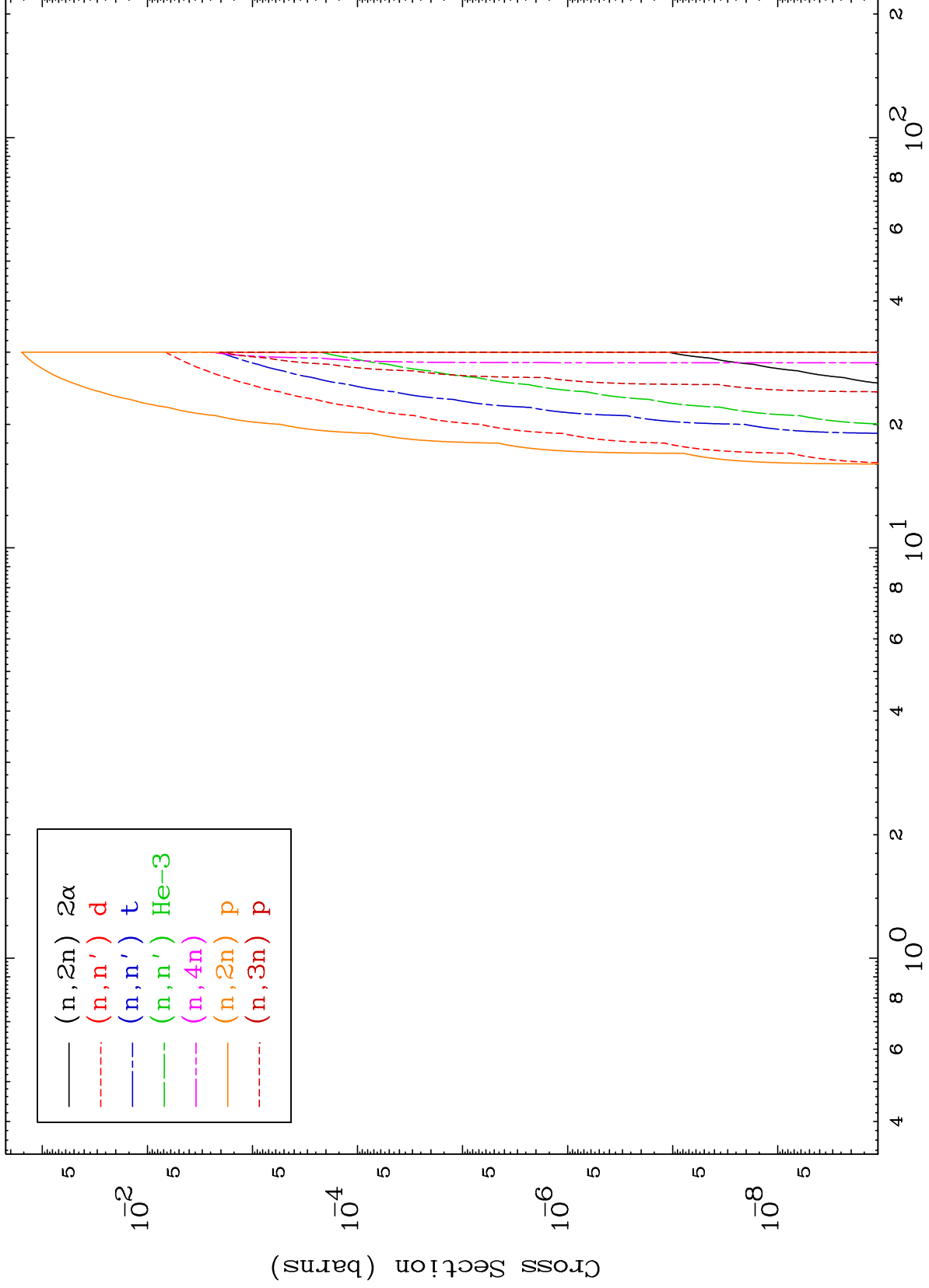
78-Pt-182



MAT 7801

Neutron Production  
293 Kelvin Cross Sections

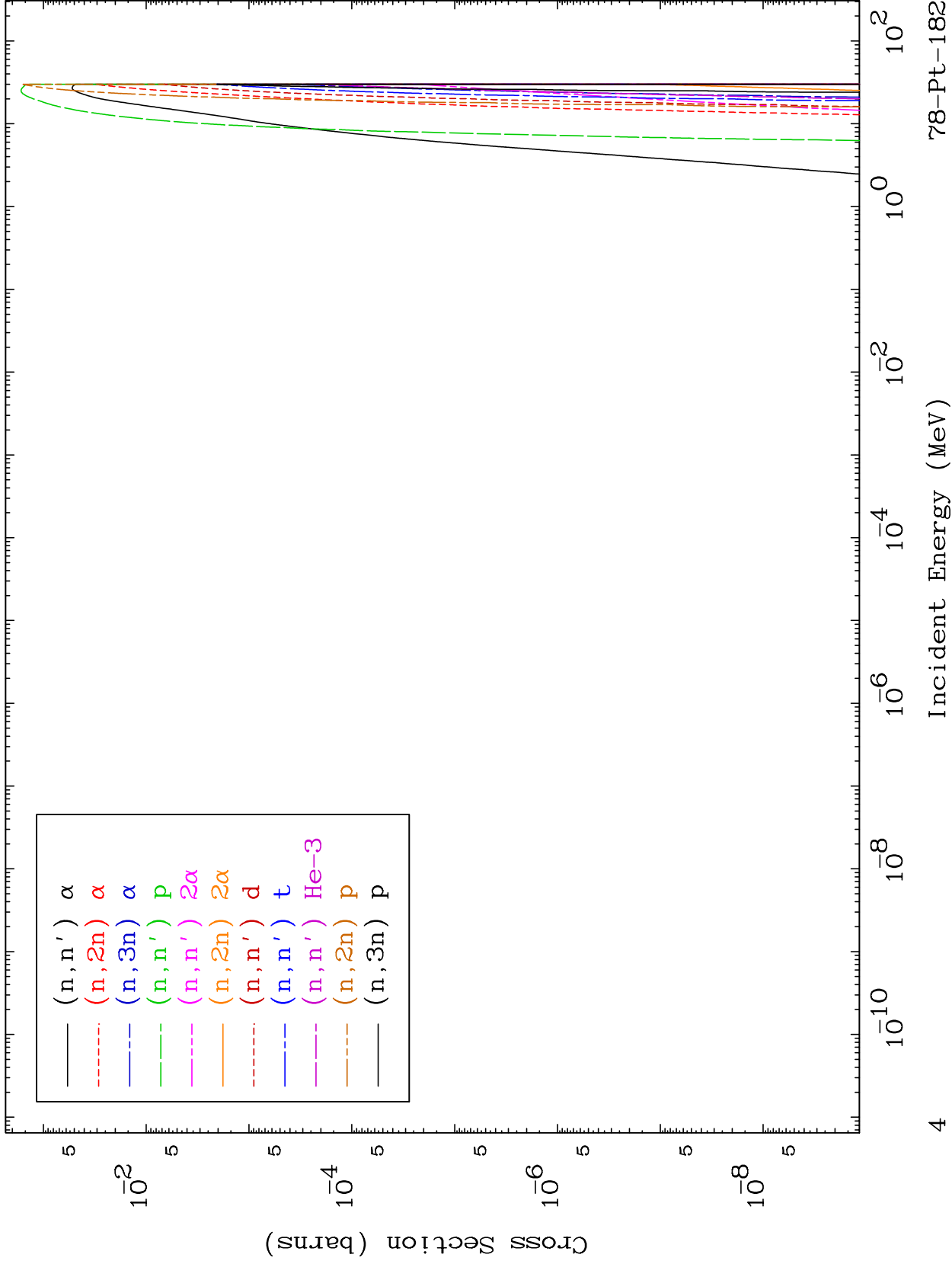
78-Pt-182



MAT 7801

Charged Particle  
293 Kelvin Cross Sections

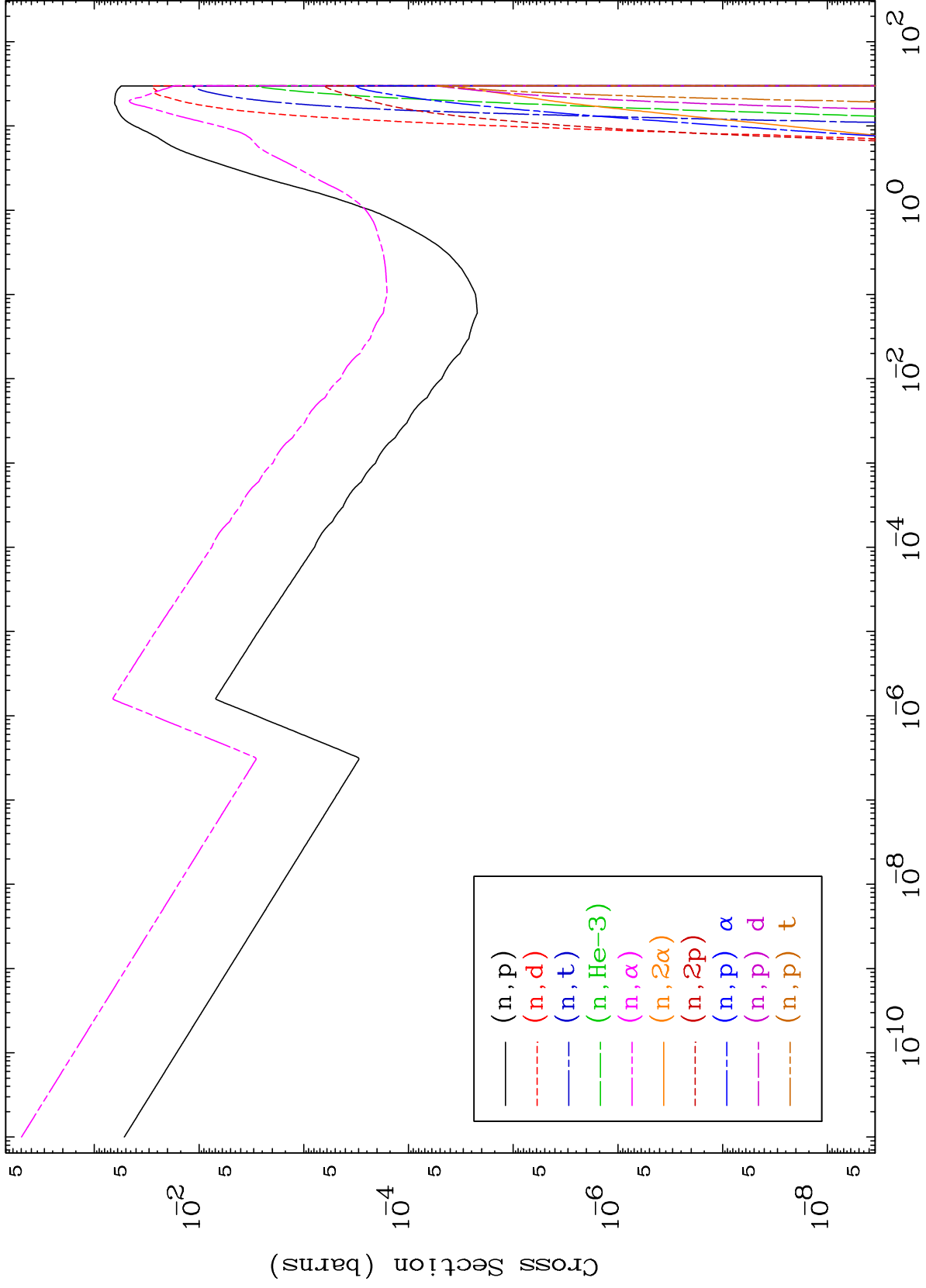
78-Pt-182



MAT 7801

Charged Particle  
293 Kelvin Cross Sections

78-Pt-182



5

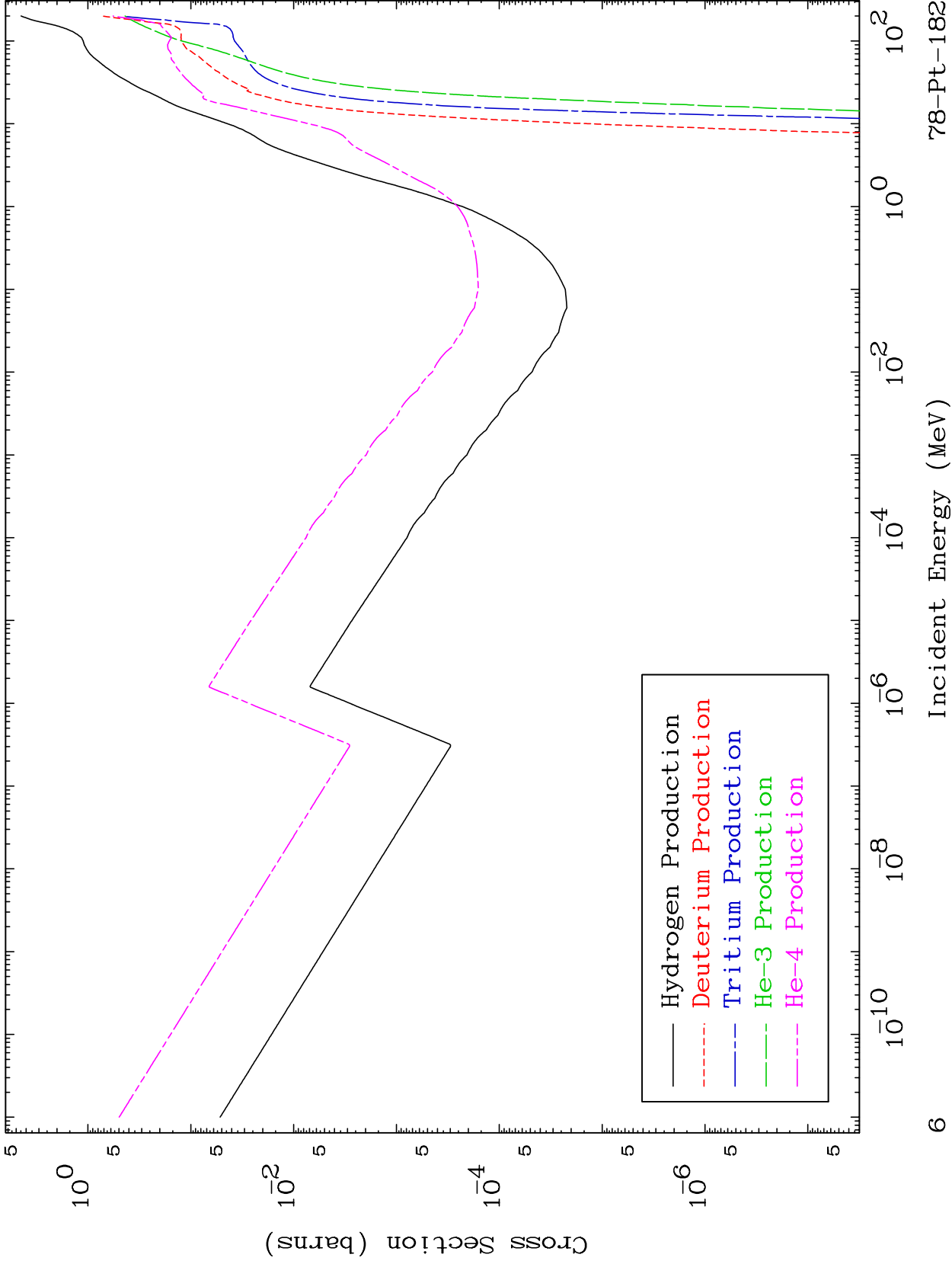
Incident Energy (MeV)

78-Pt-182

MAT 7801

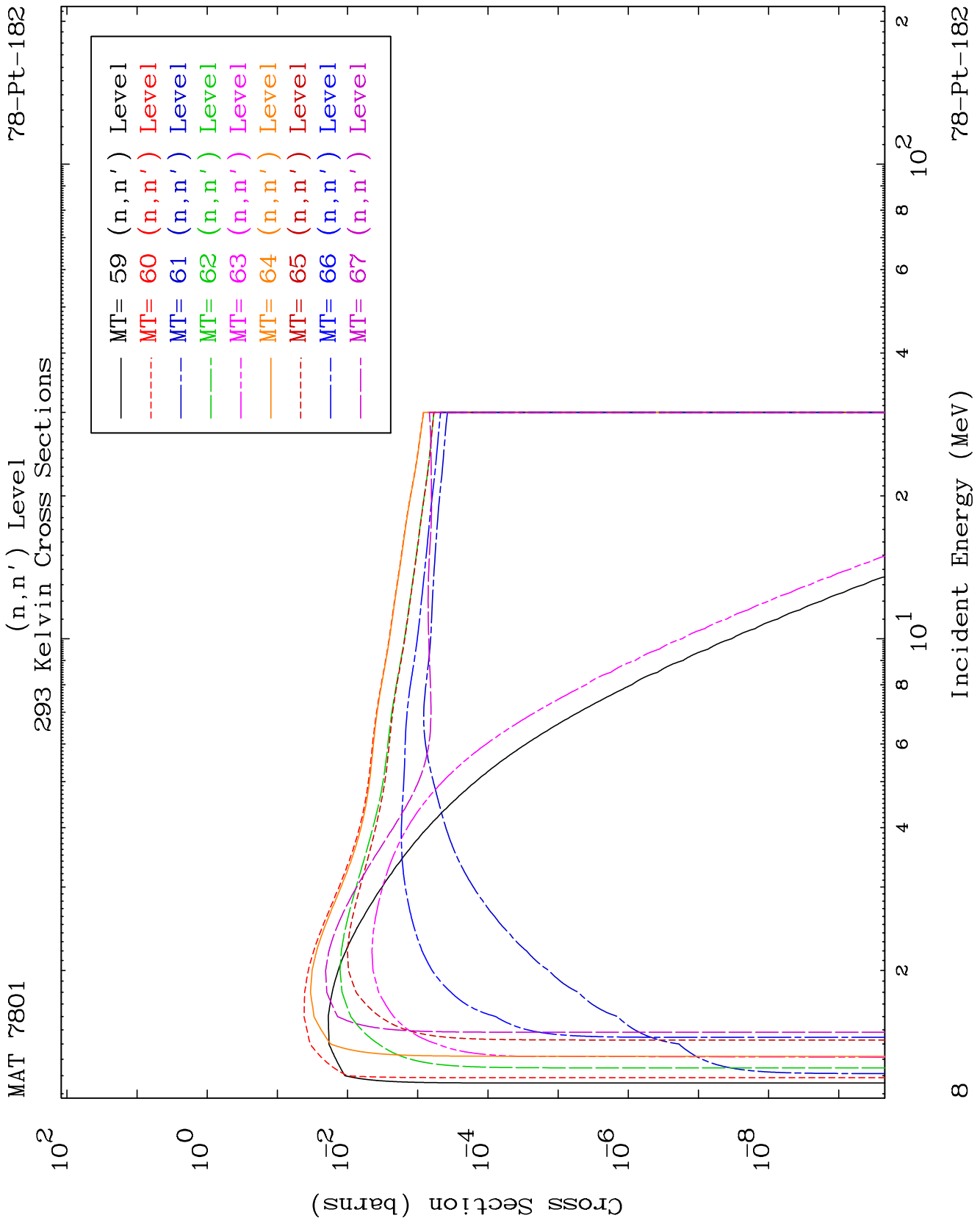
Particle Production  
293 Kelvin Cross Sections

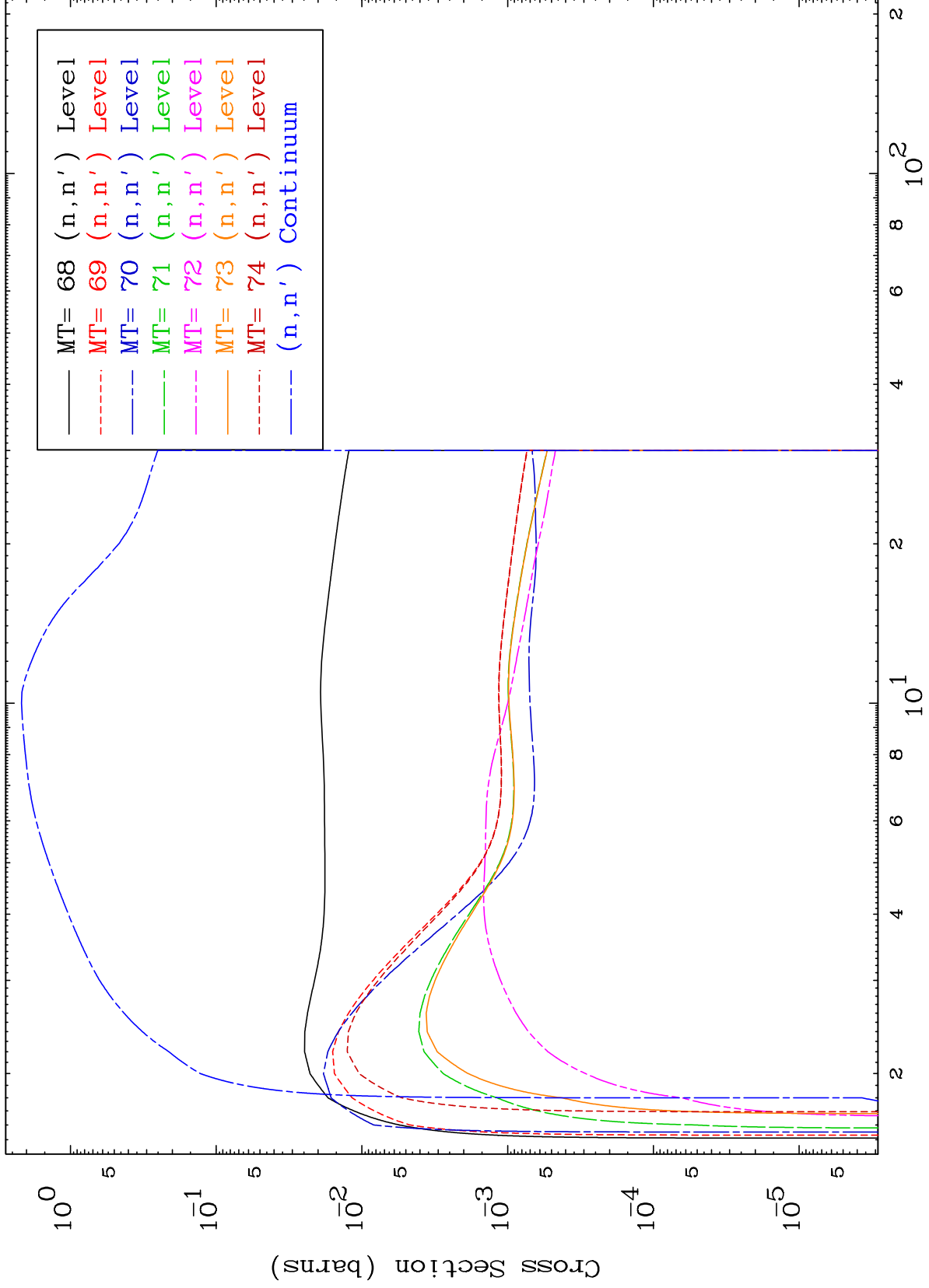
78-Pt-182







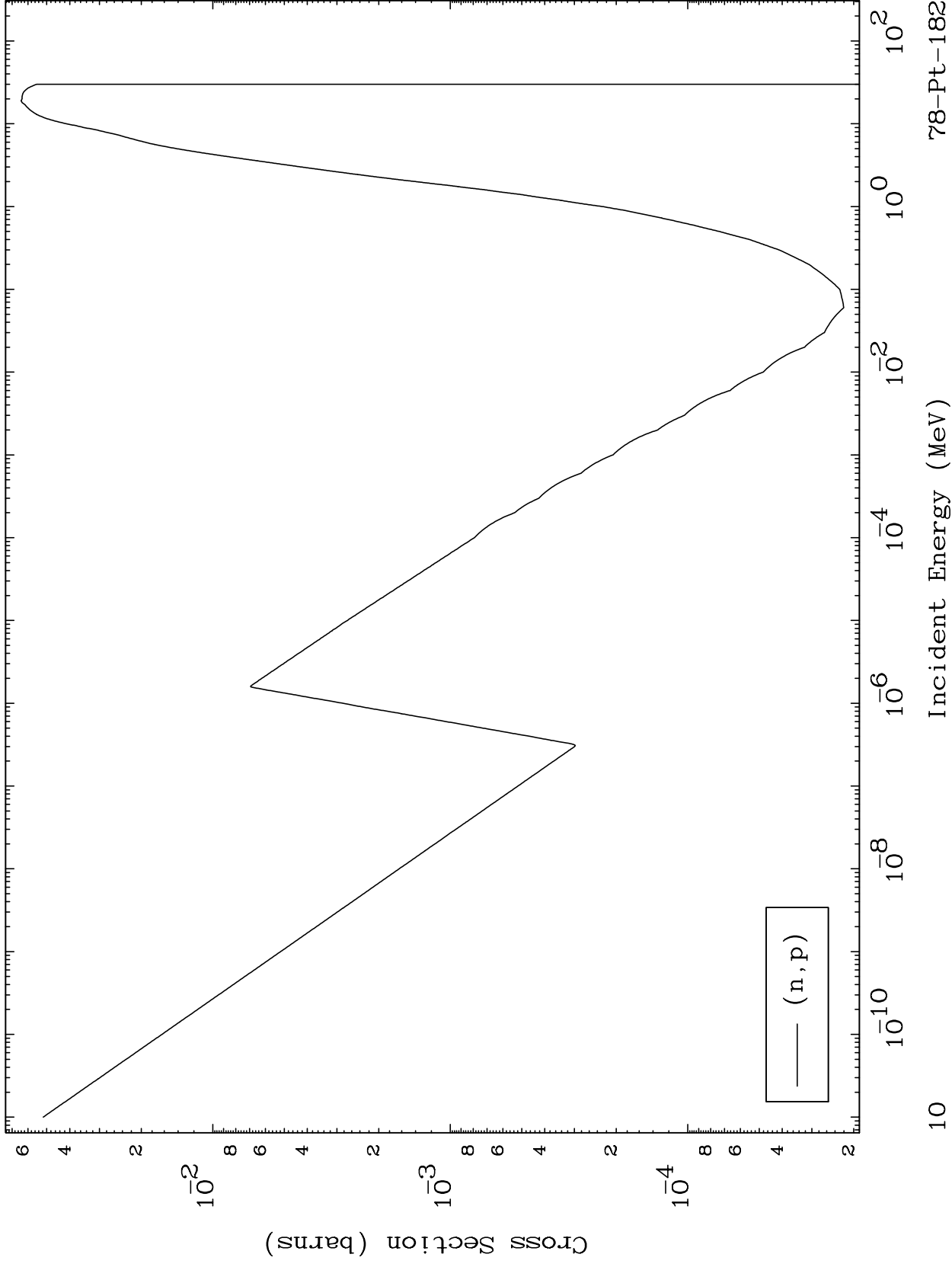




MAT 7801

(n,p) Levels  
293 Kelvin Cross Sections

78-Pt-182



10

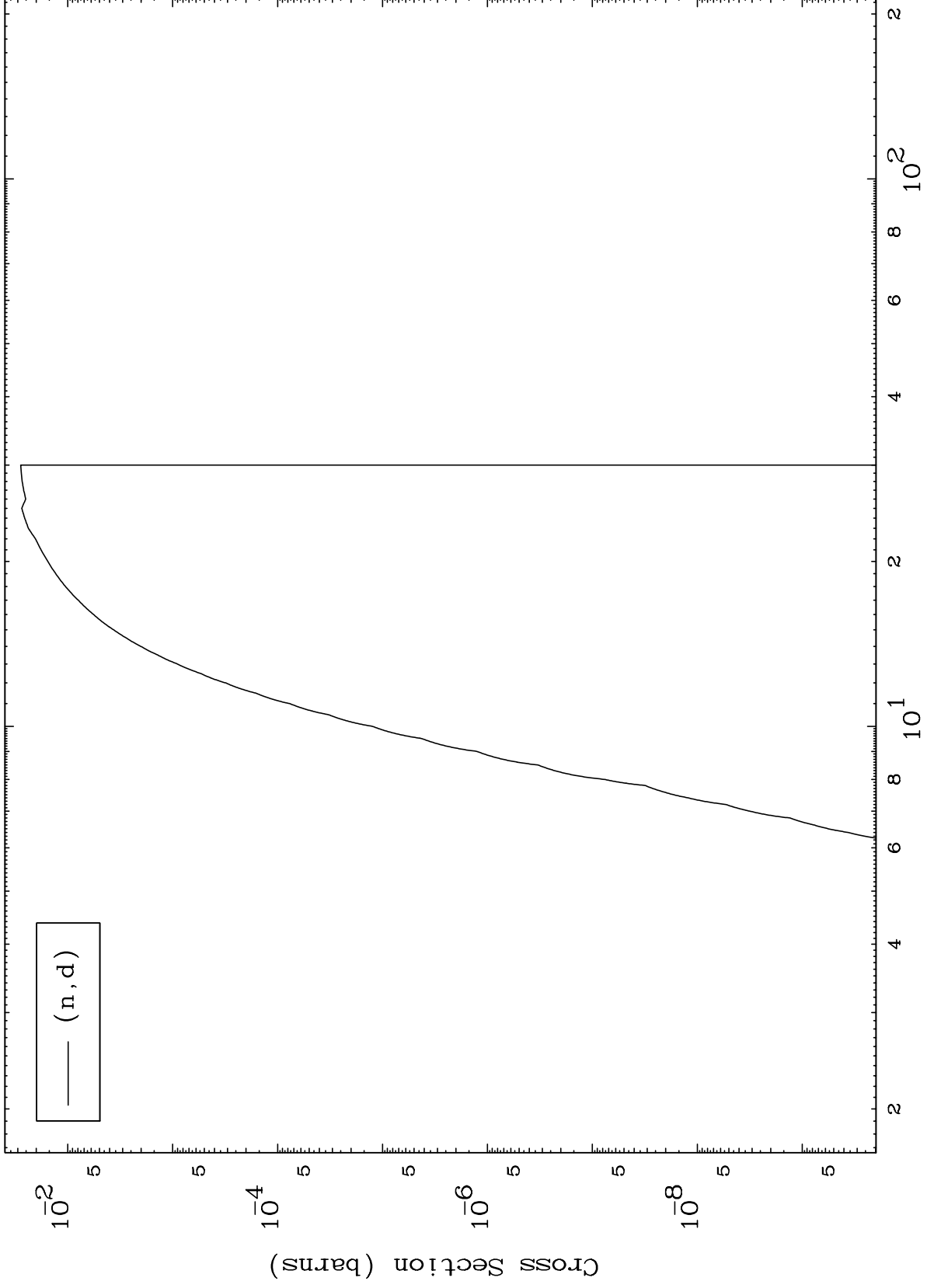
Incident Energy (MeV)

78-Pt-182

MAT 7801

(n,d) Levels  
293 Kelvin Cross Sections

78-Pt-182



11

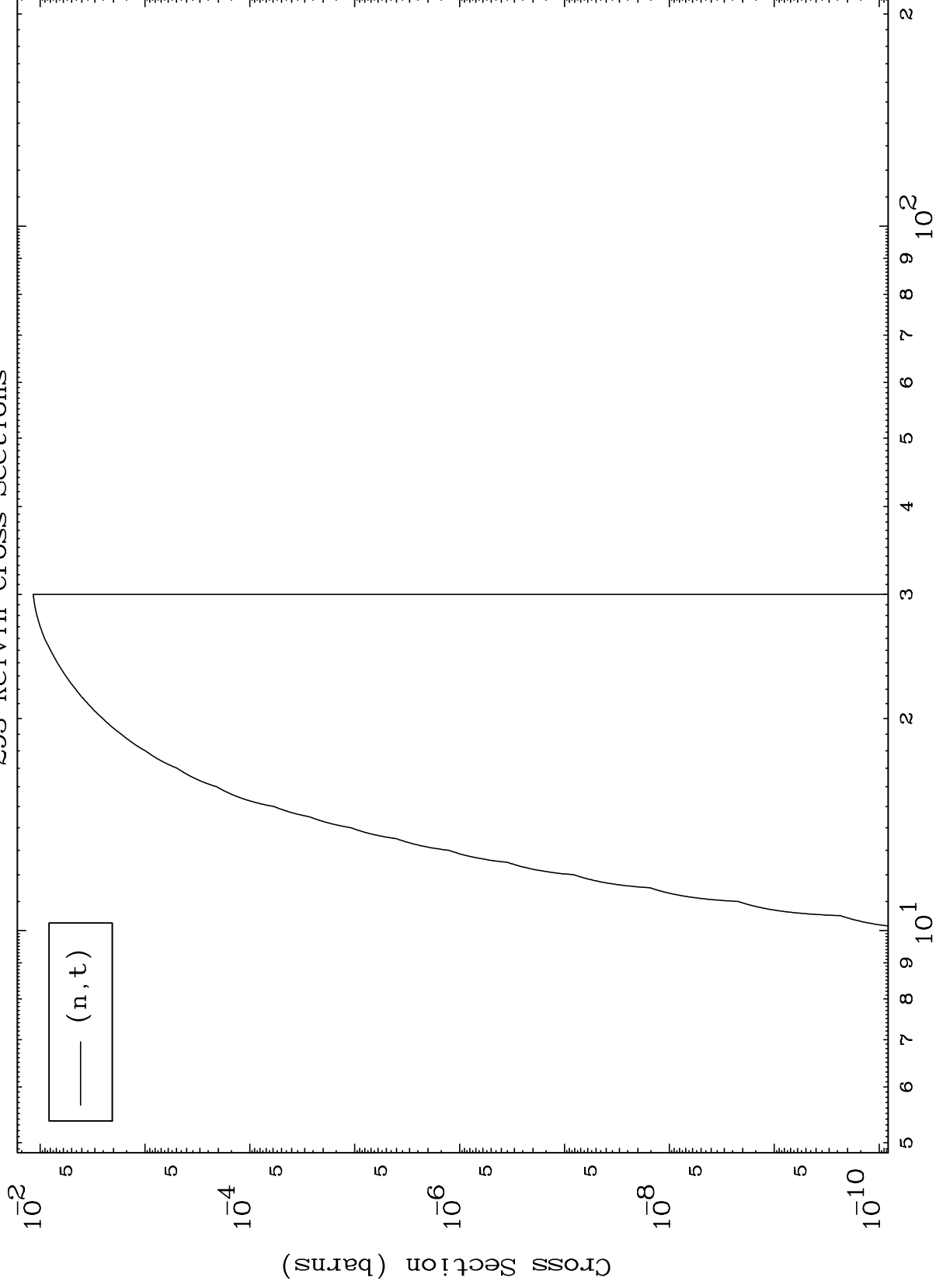
Incident Energy (MeV)

78-Pt-182

MAT 7801

(n,t) Levels  
293 Kelvin Cross Sections

78-Pt-182



12

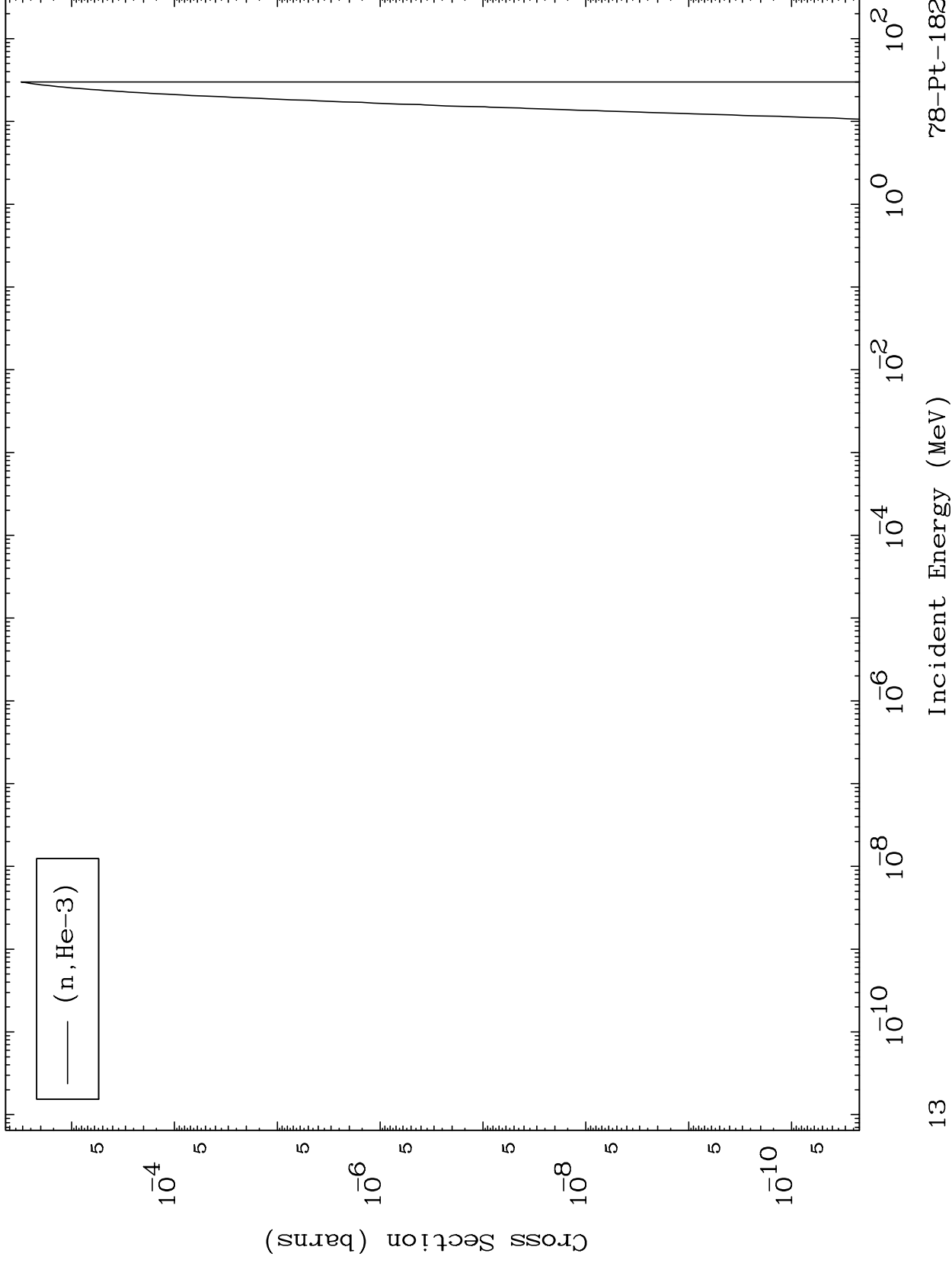
Incident Energy (MeV)

78-Pt-182

MAT 7801

(n,He3) Levels  
293 Kelvin Cross Sections

78-Pt-182



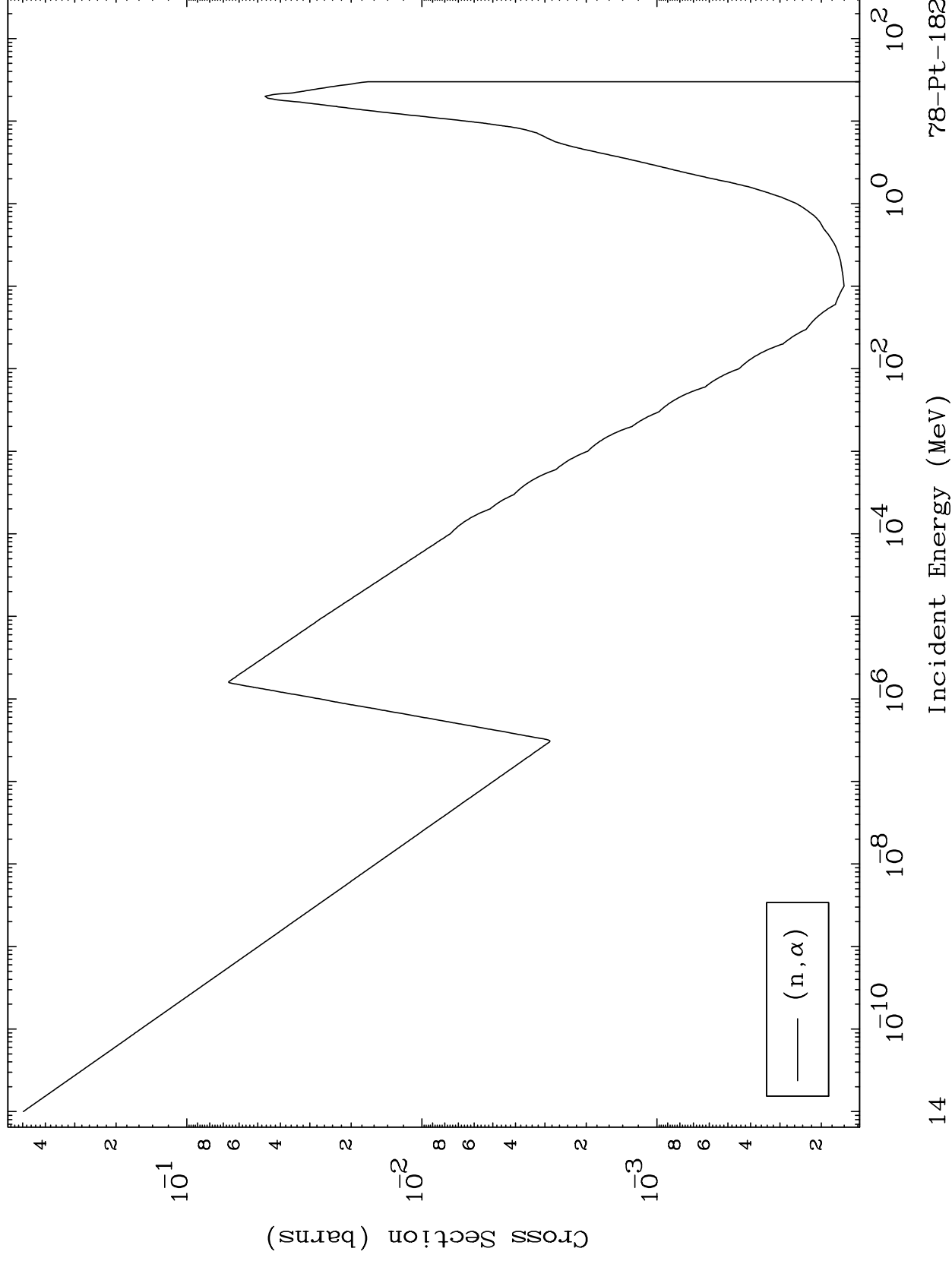
13

78-Pt-182

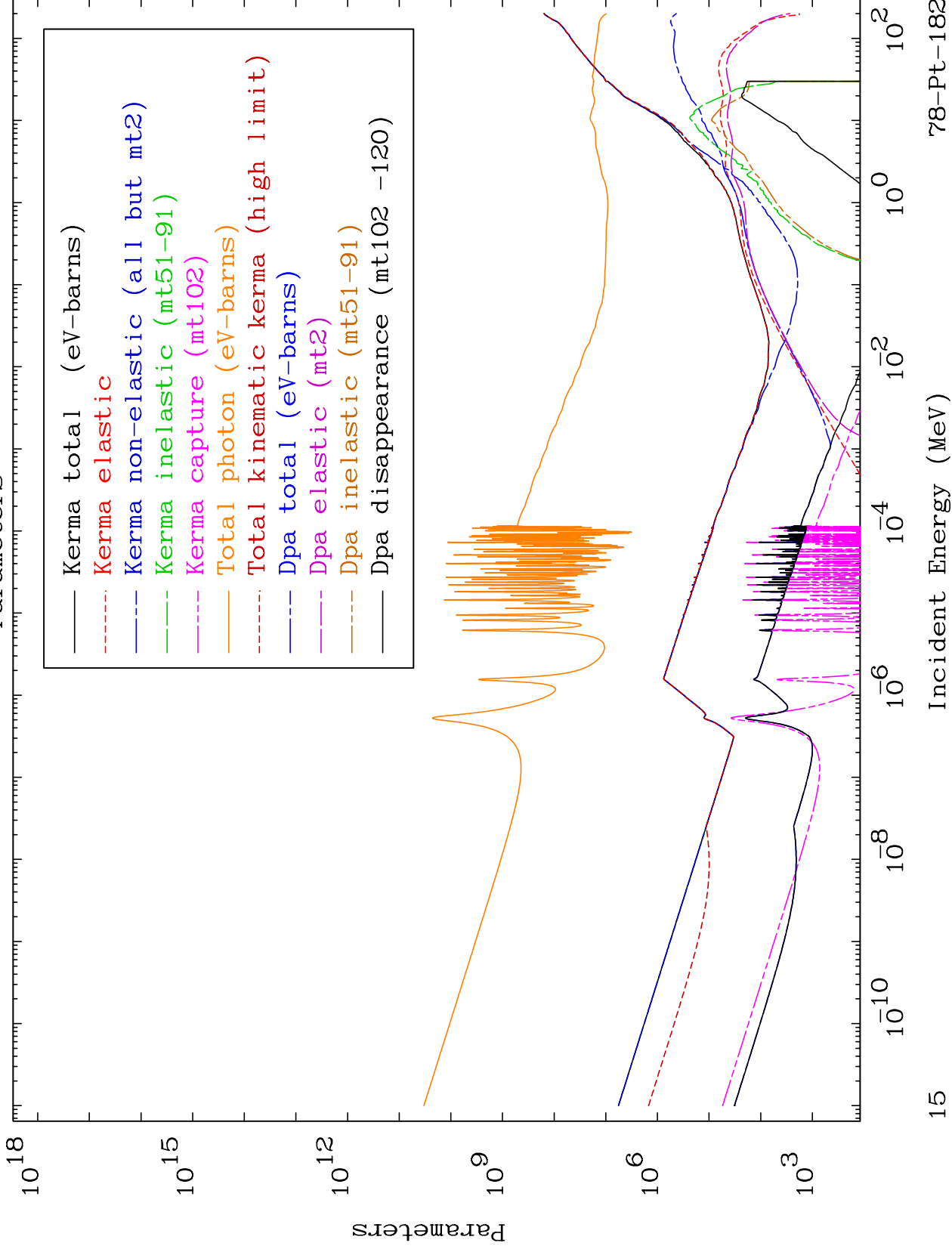
MAT 7801

(n,α) Levels  
293 Kelvin Cross Sections

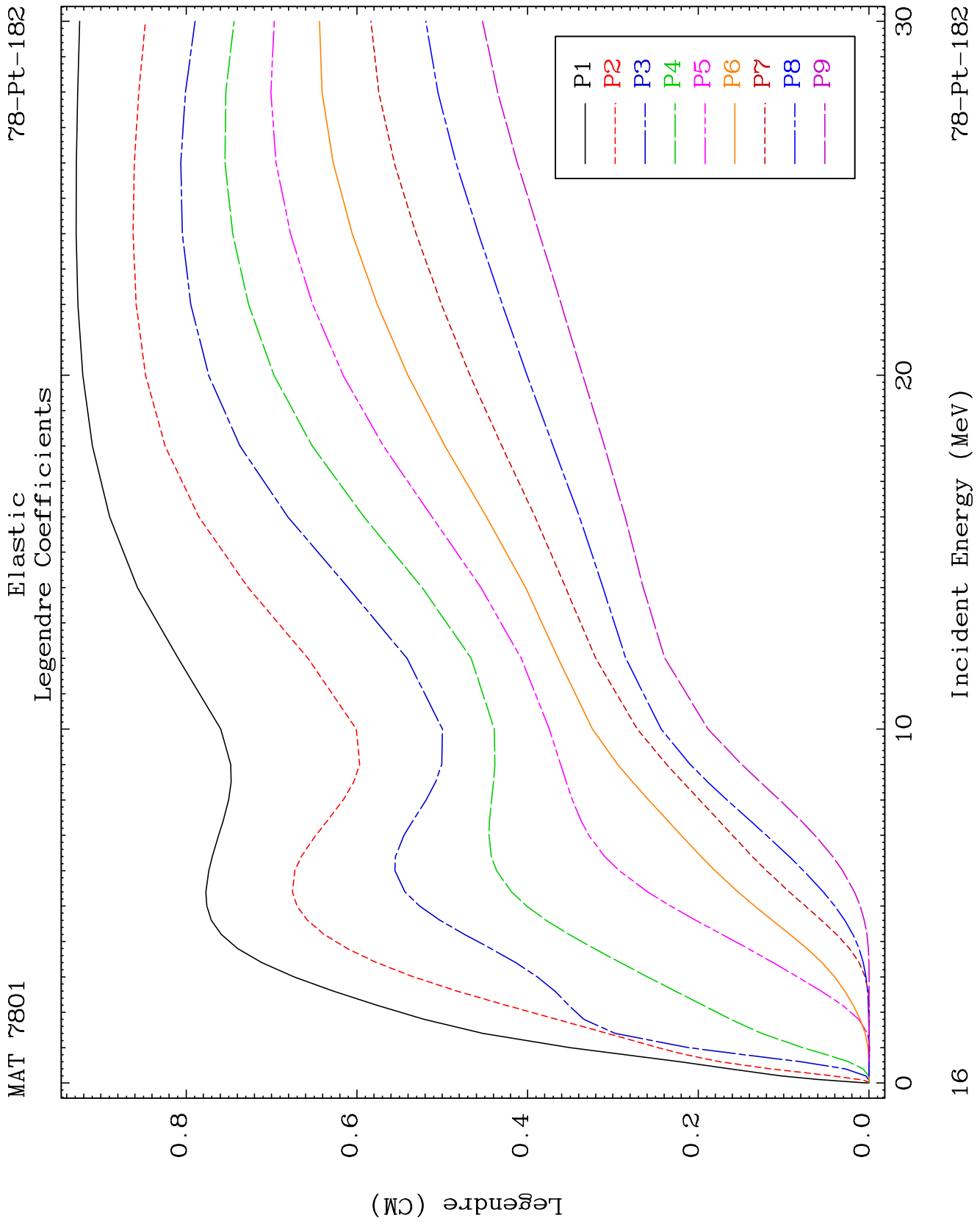
78-Pt-182

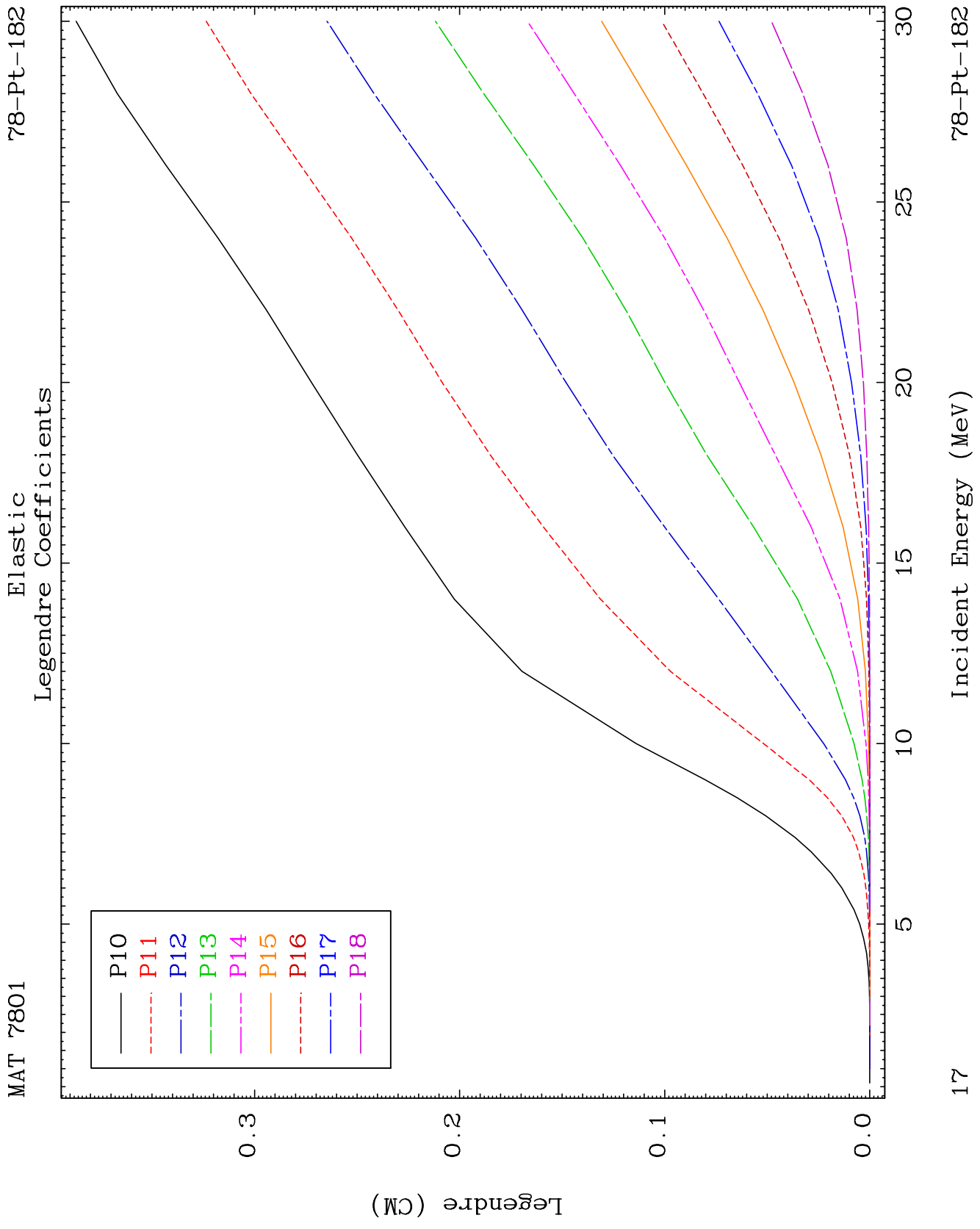


78-Pt-182







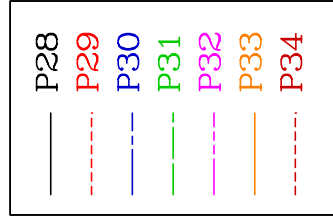




MAT 7801

Elastic  
Legendre Coefficients

78-Pt-182



$\times 10^{-6}$

6

4

2

0

Legendre (CM)

15

20

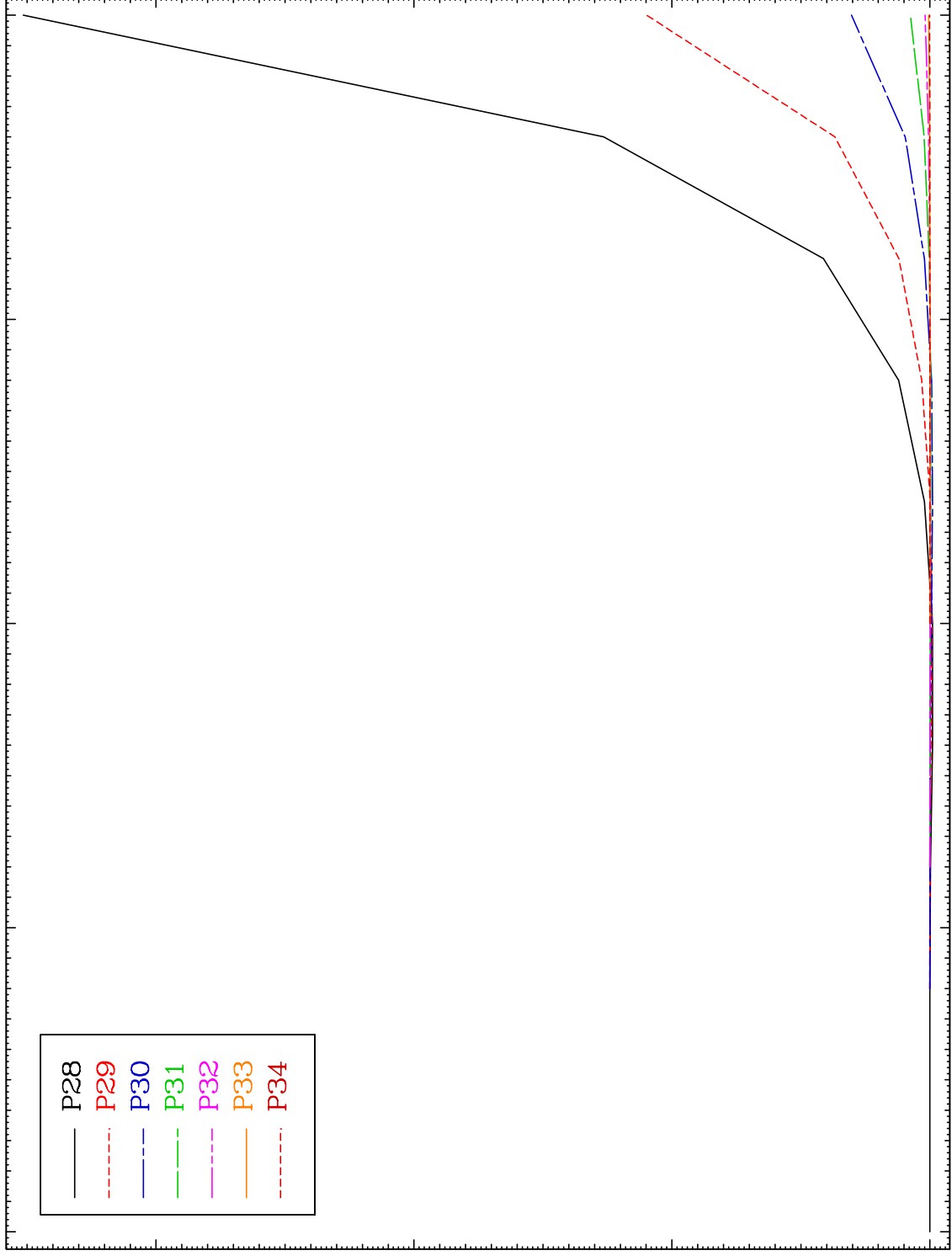
25

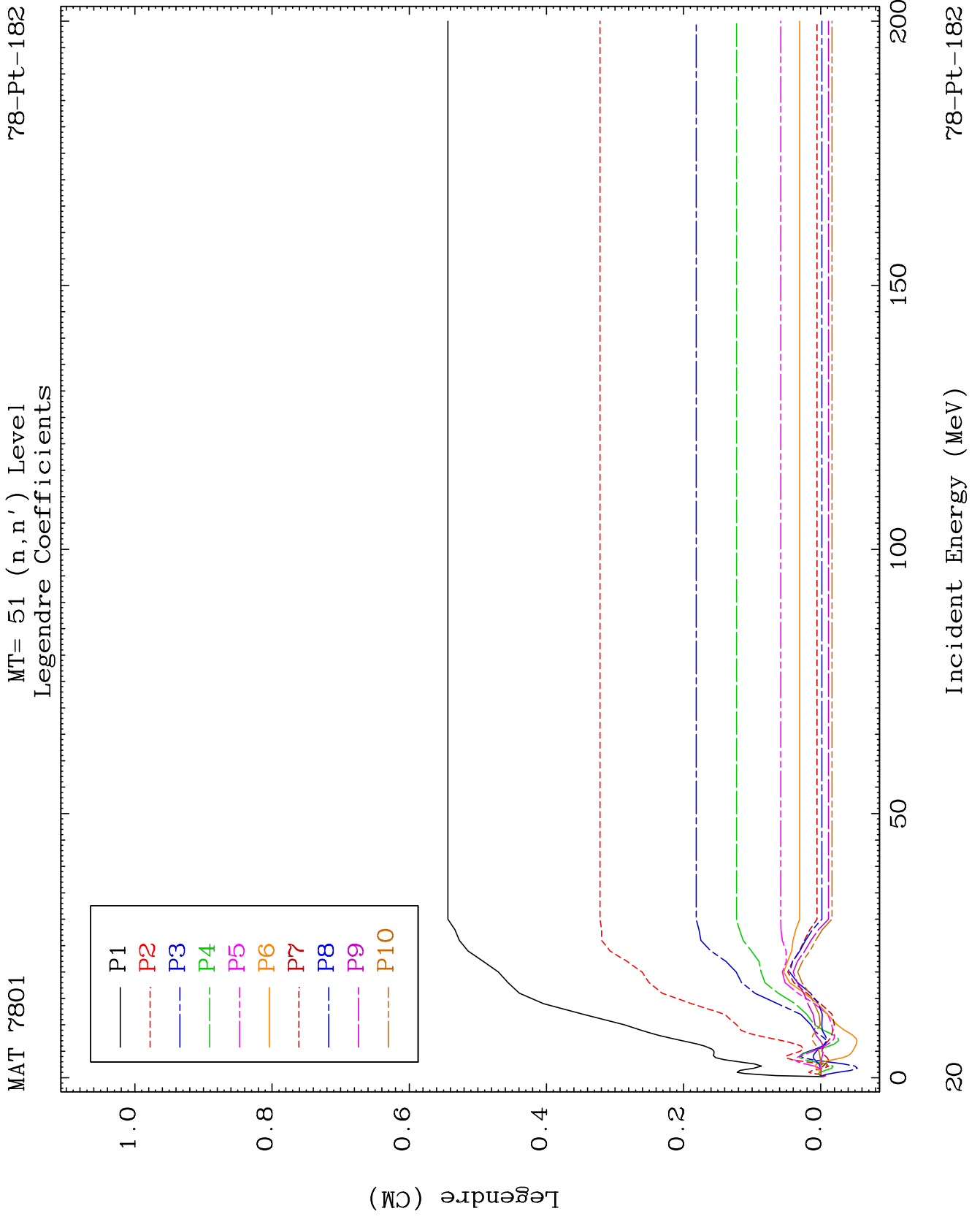
30

19

Incident Energy (MeV)

78-Pt-182

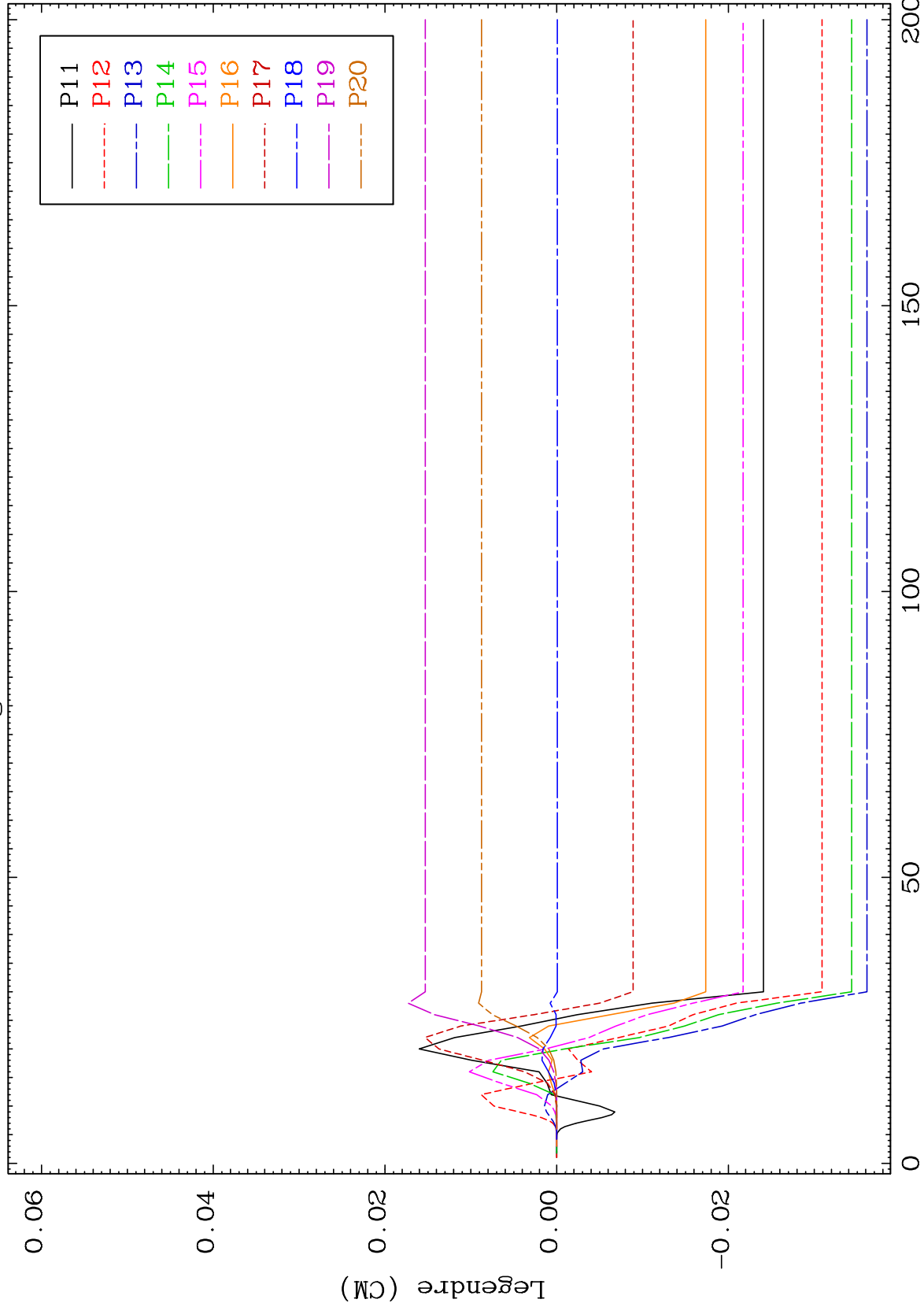




MAT 7801

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

78-Pt-182



21

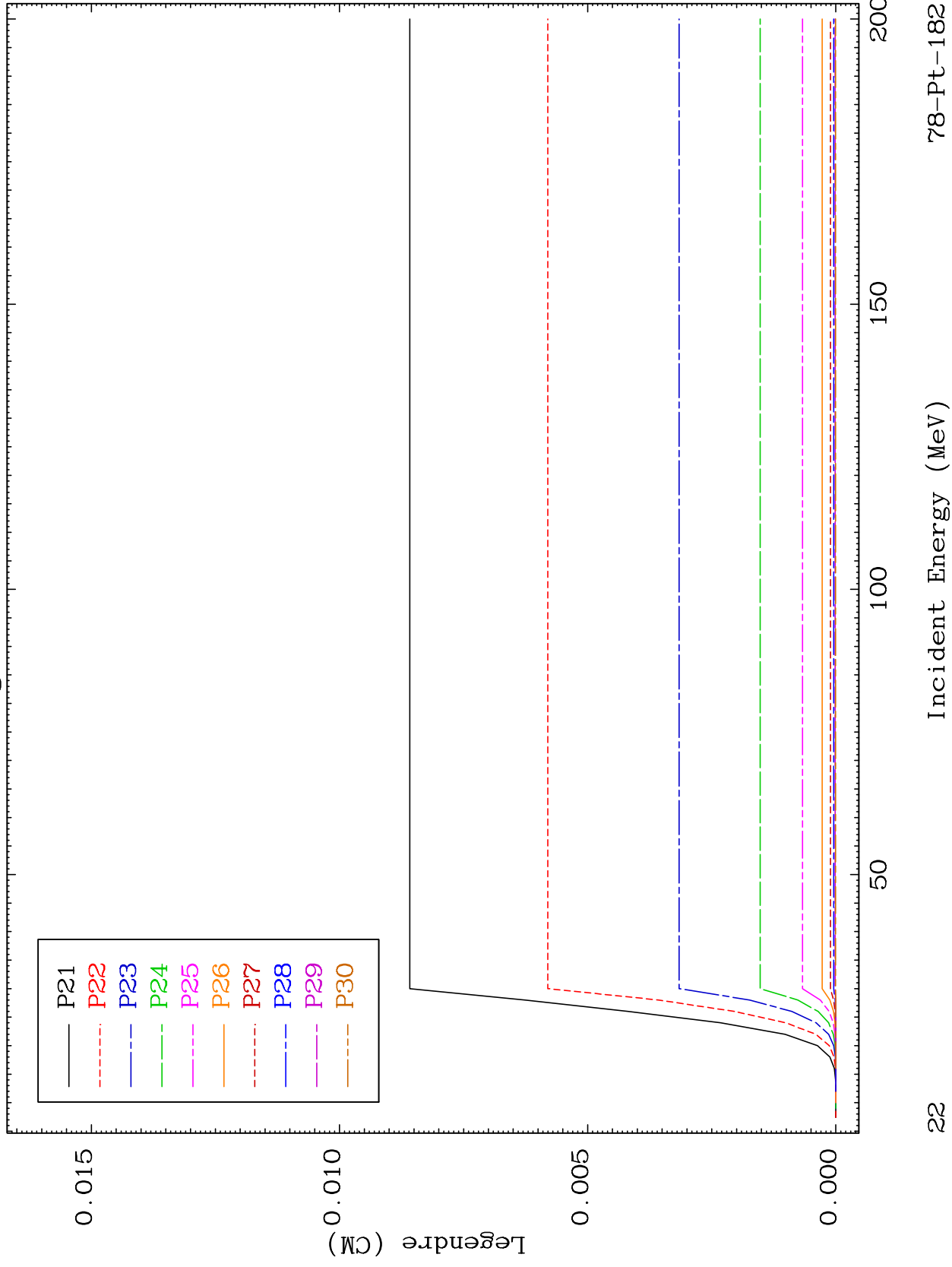
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182

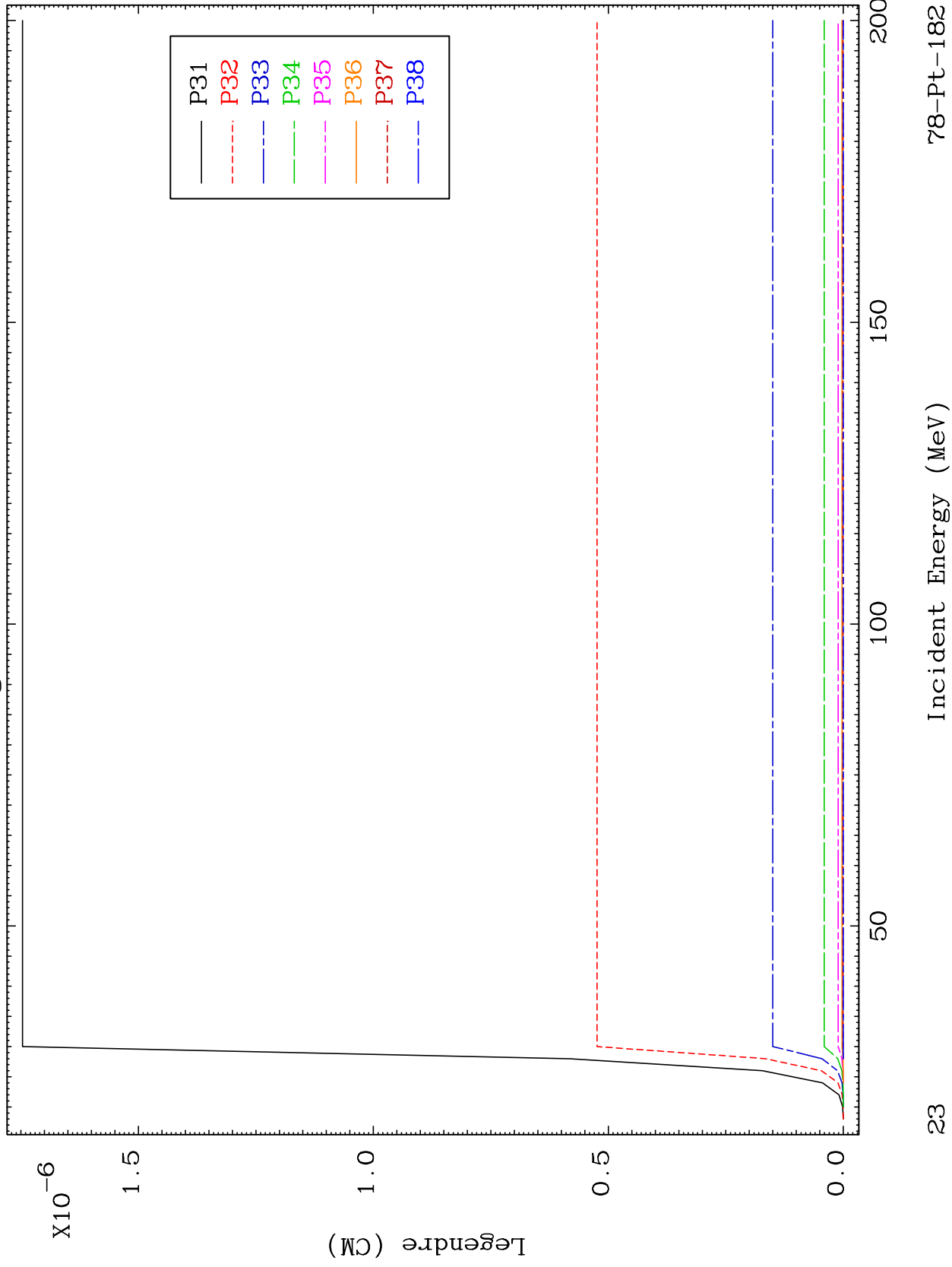


22

MAT 7801

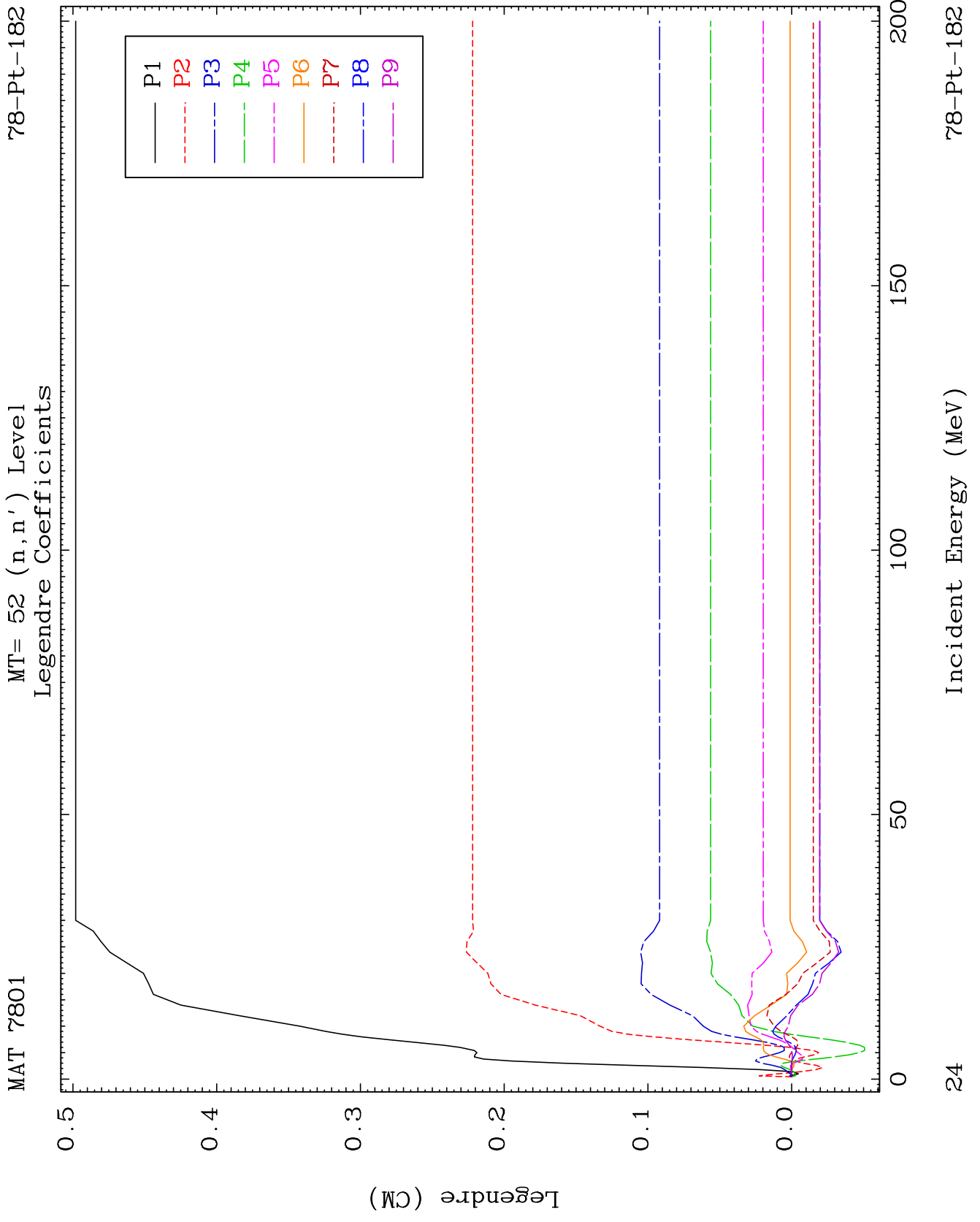
MT= 51 (n,n') Level  
Legendre Coefficients

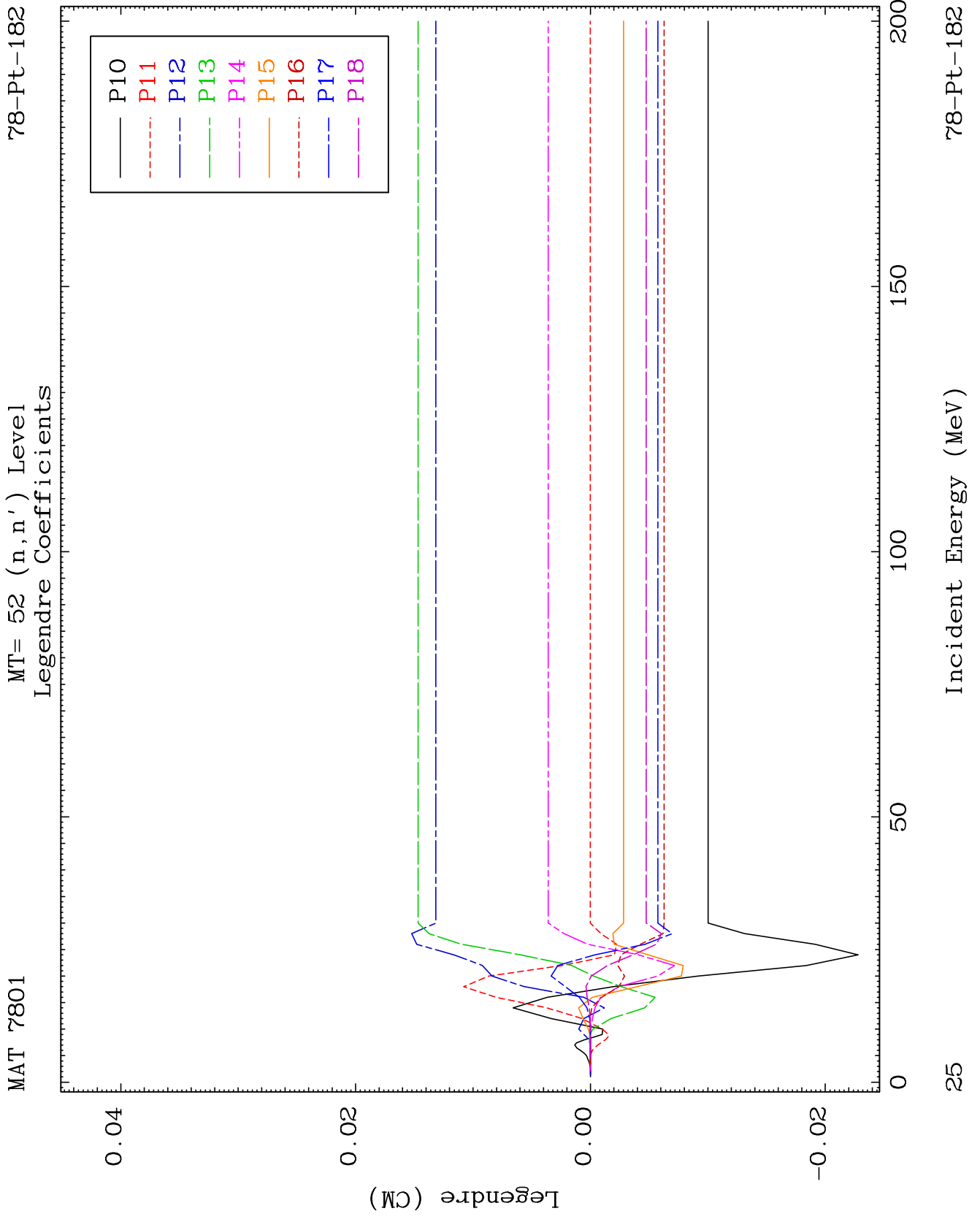
78-Pt-182

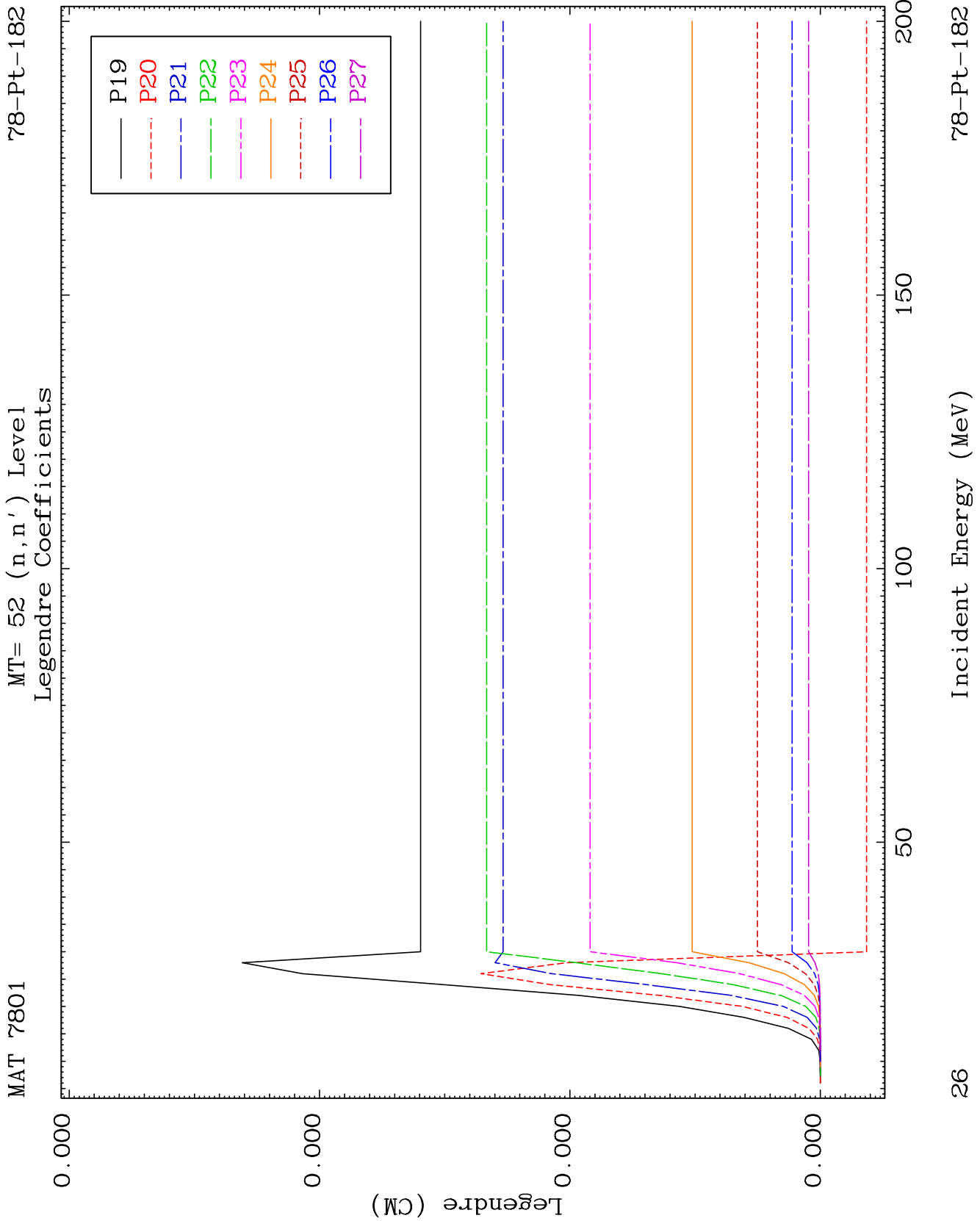


23





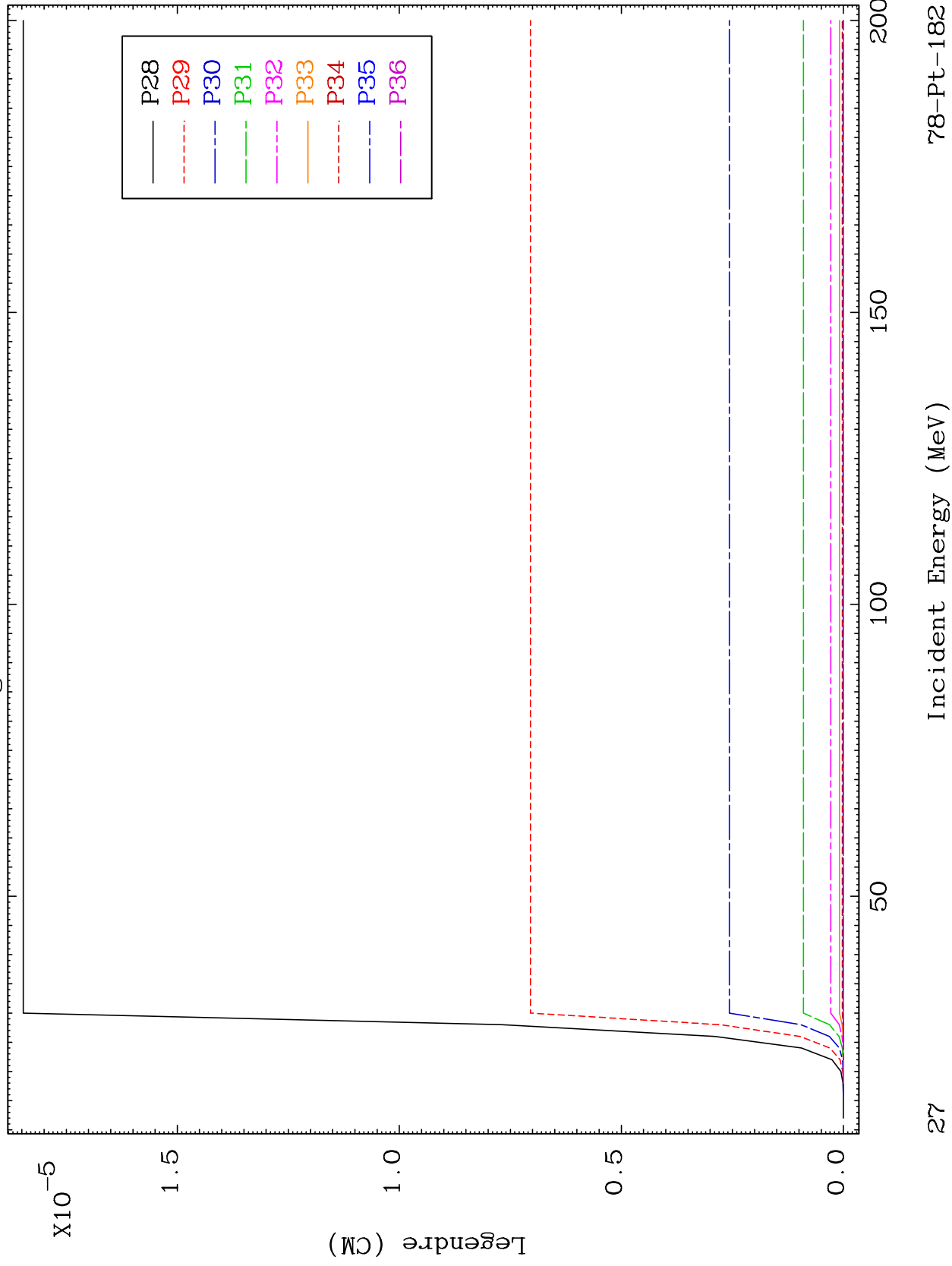


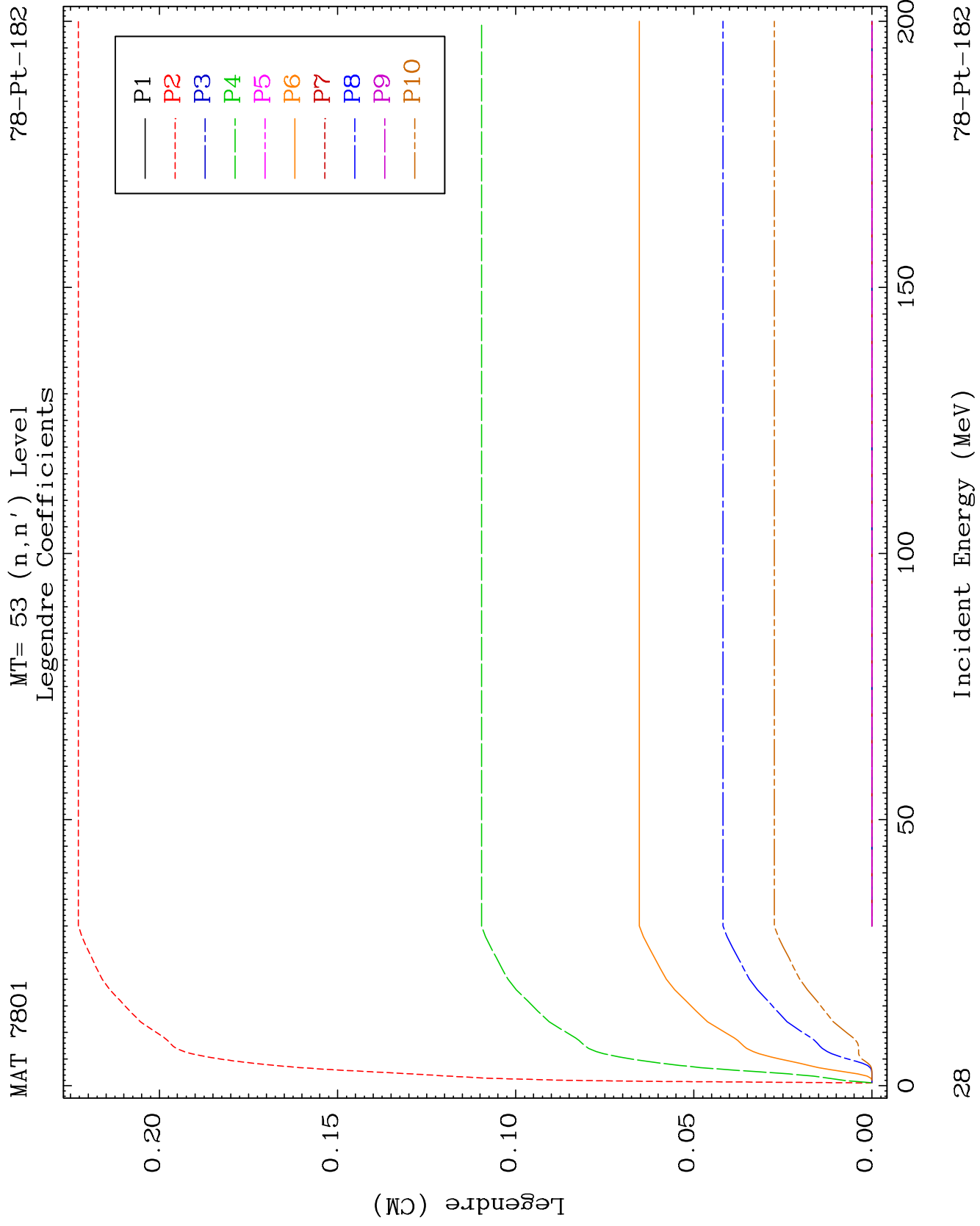


MAT 7801

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

78-Pt-182

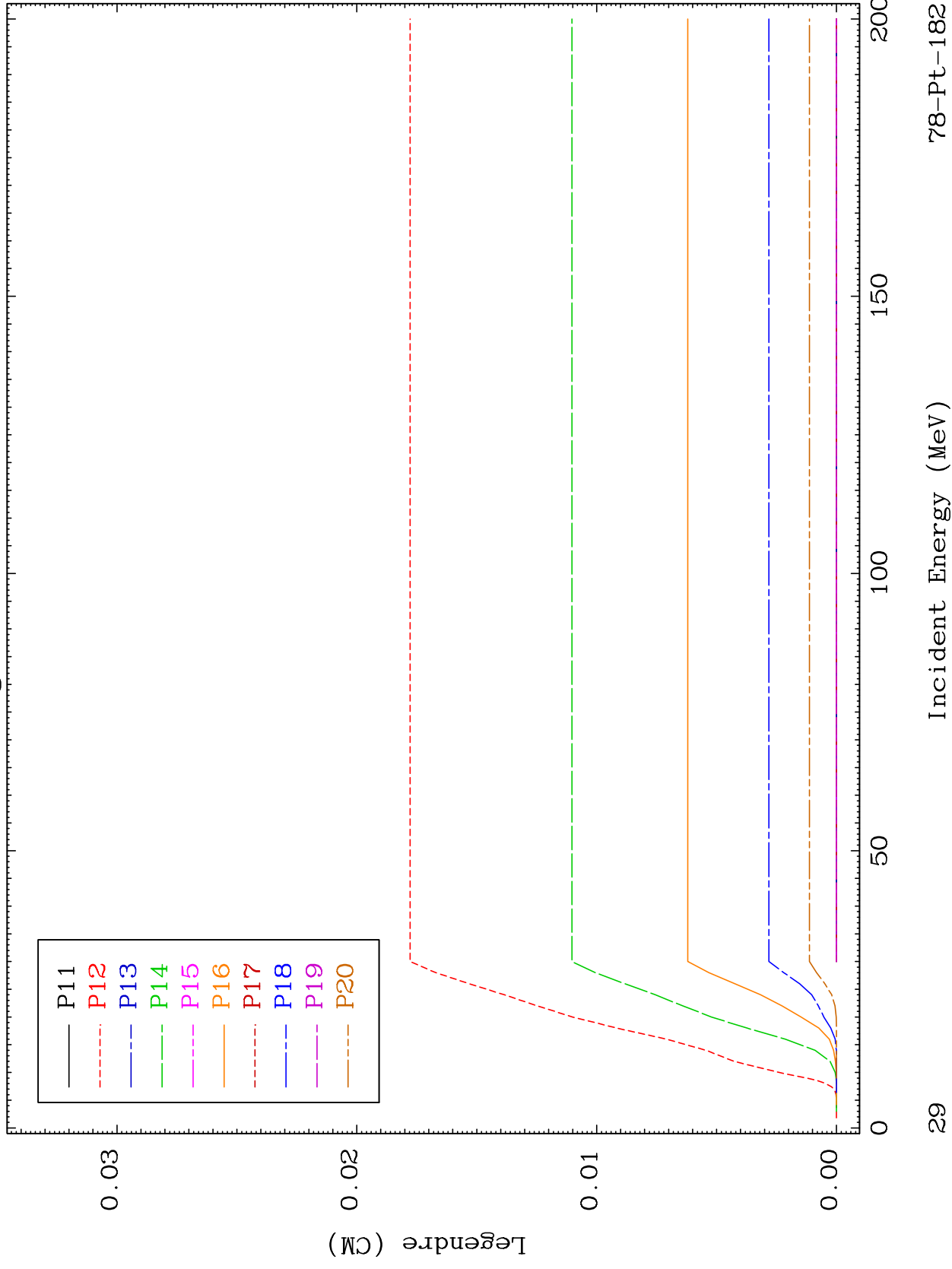




MAT 7801

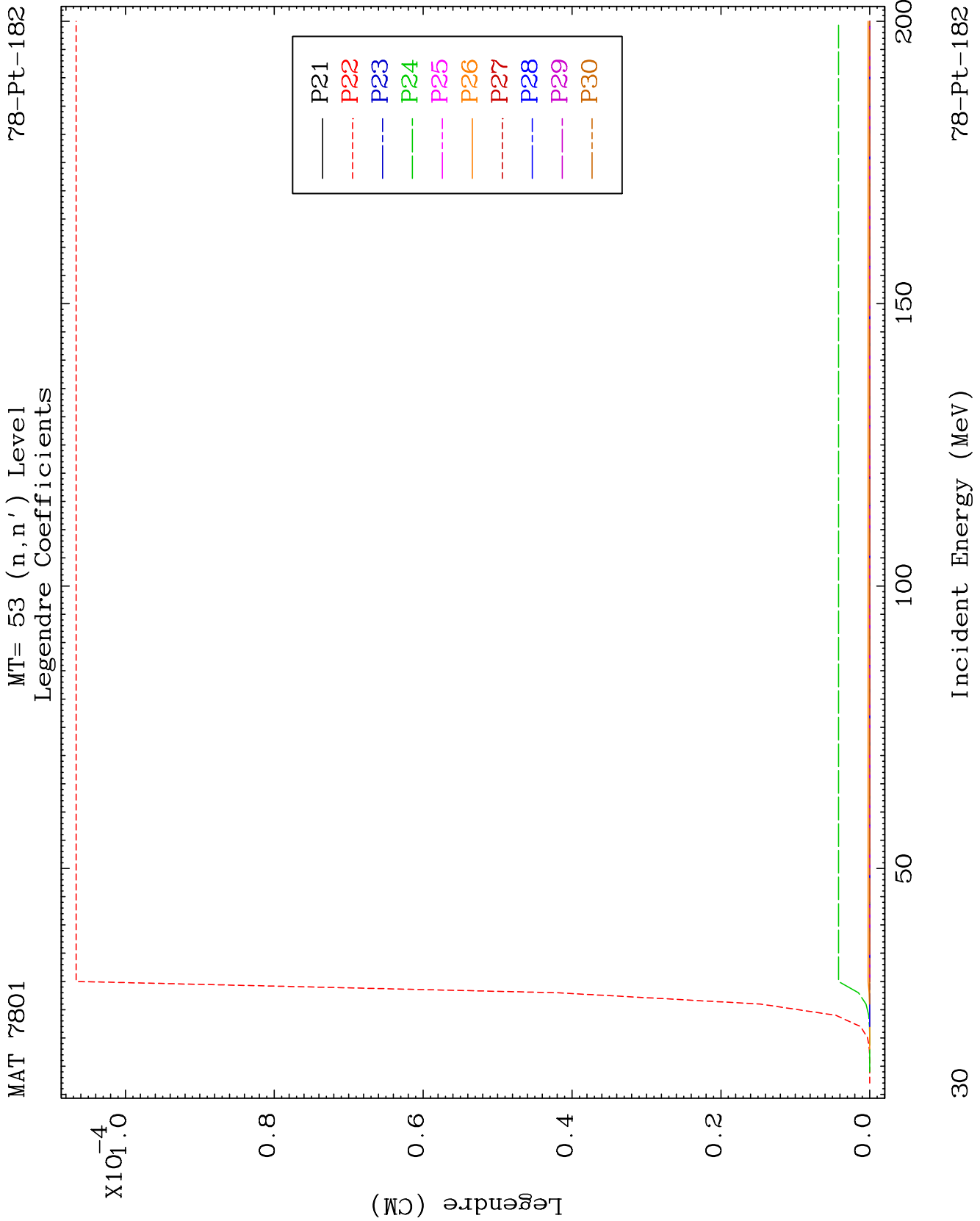
MT= 53 (n,n') Level  
Legendre Coefficients

78-Pt-182



29

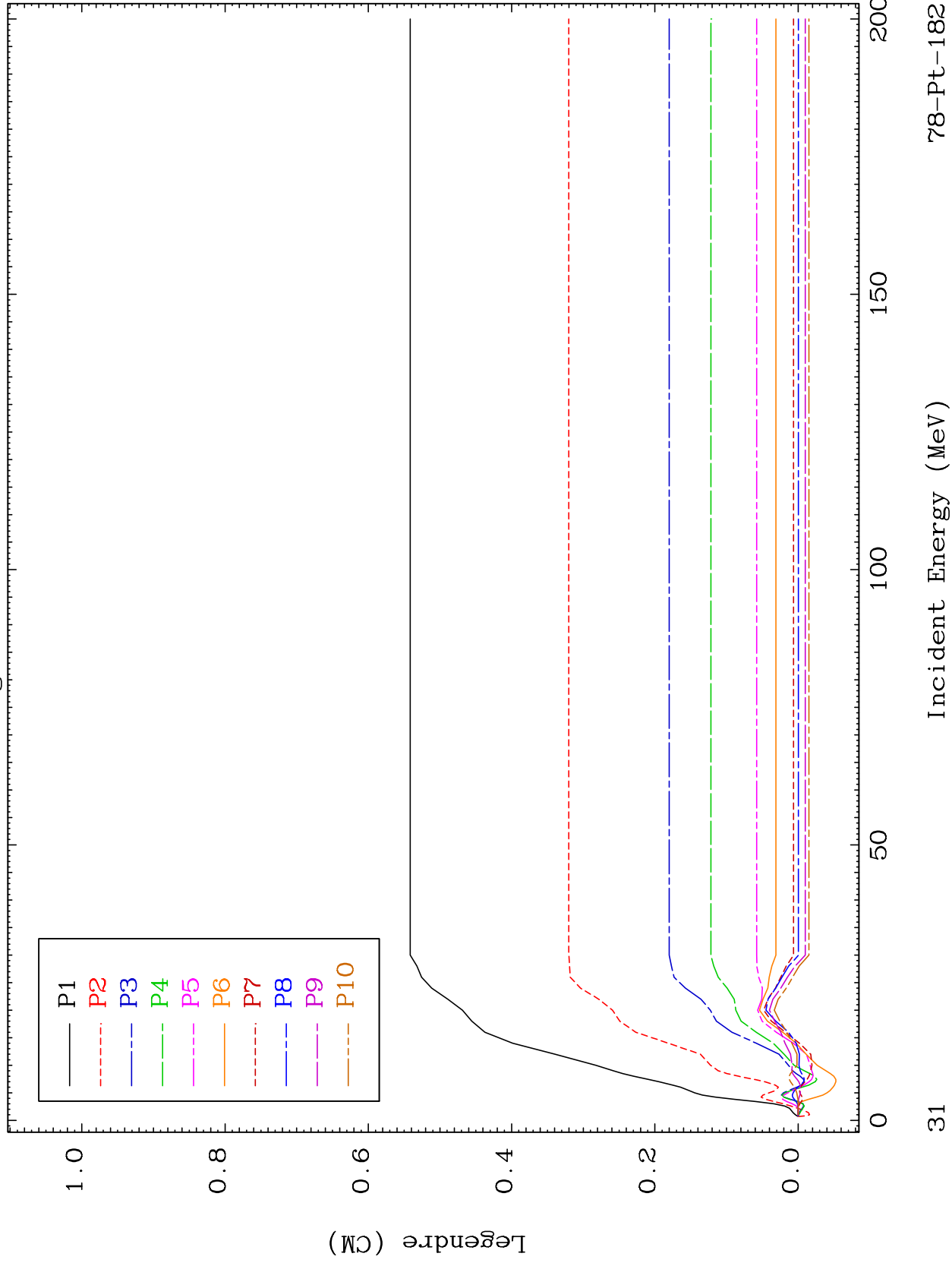
78-Pt-182



MAT 7801

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

78-Pt-182



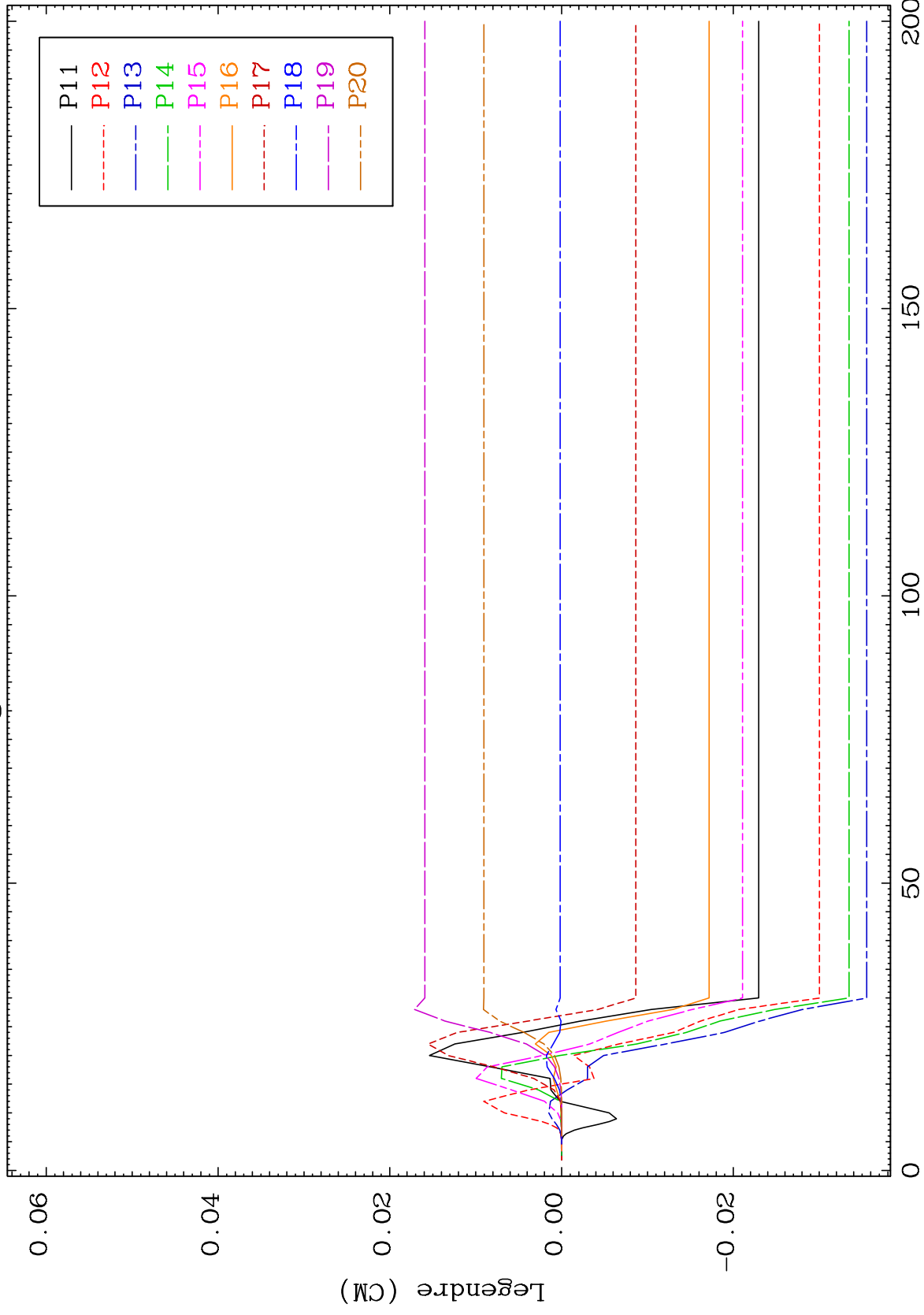
31



MAT 7801

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

78-Pt-182



32

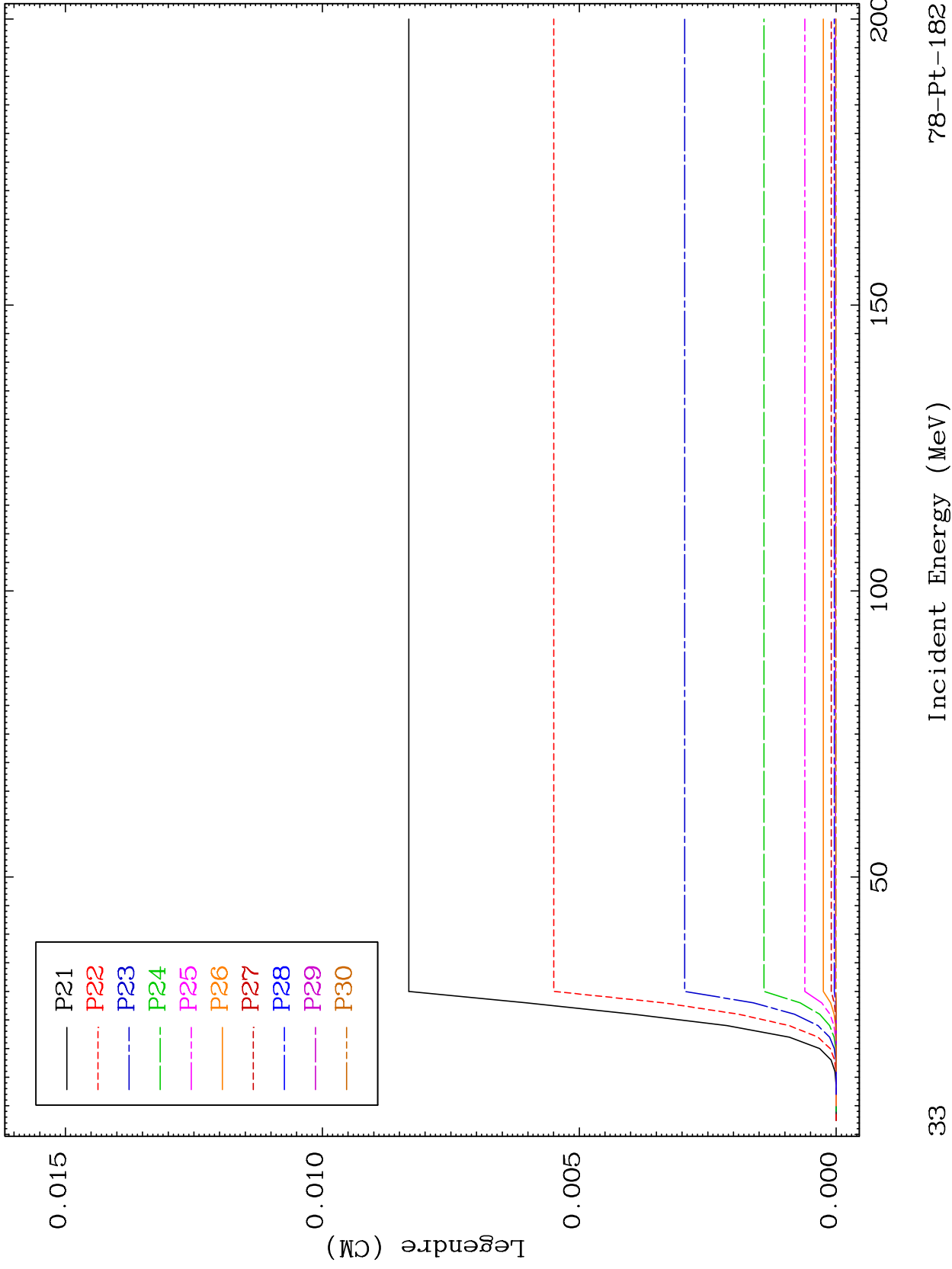
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

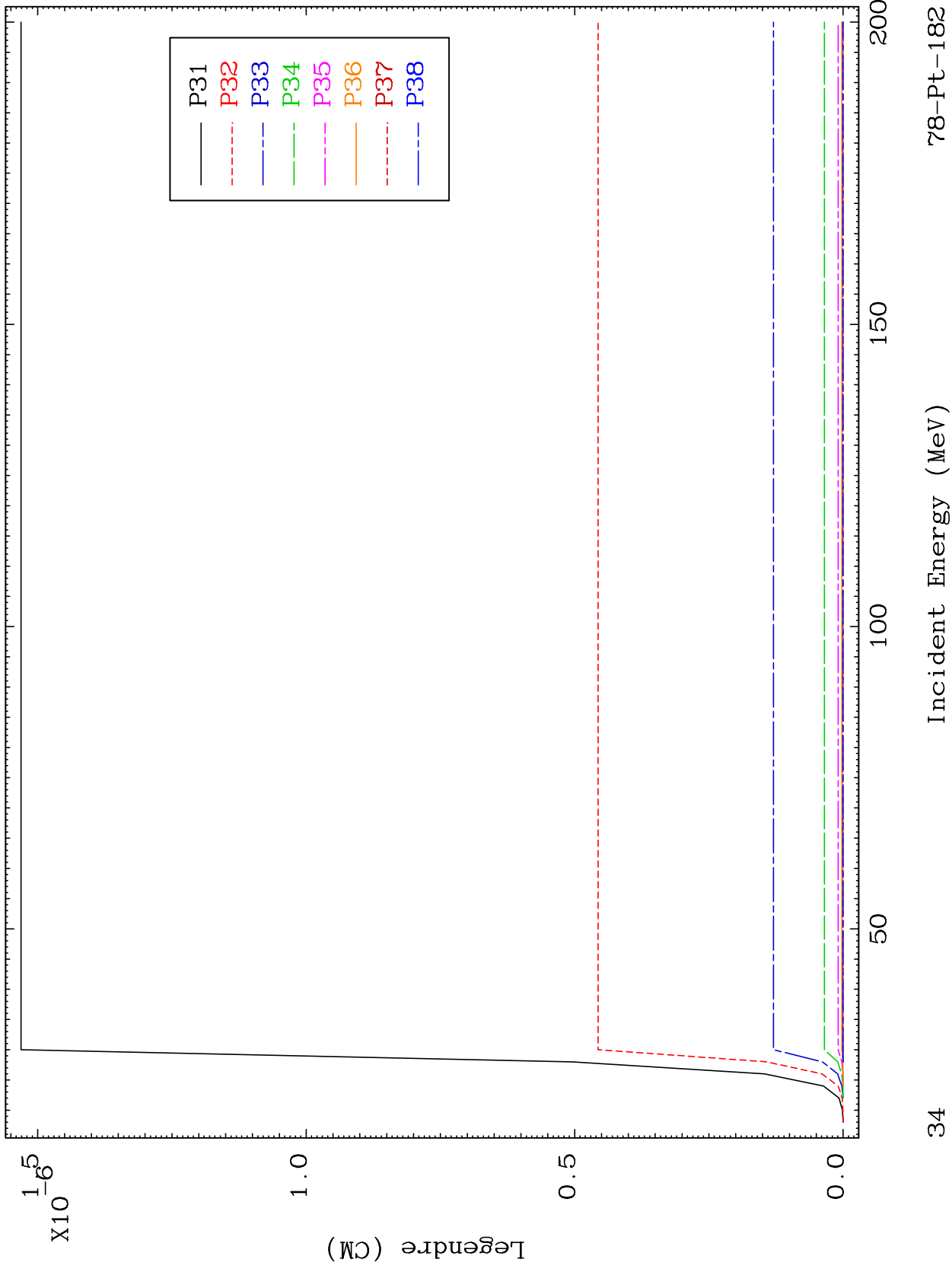
78-Pt-182



MAT 7801

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

78-Pt-182



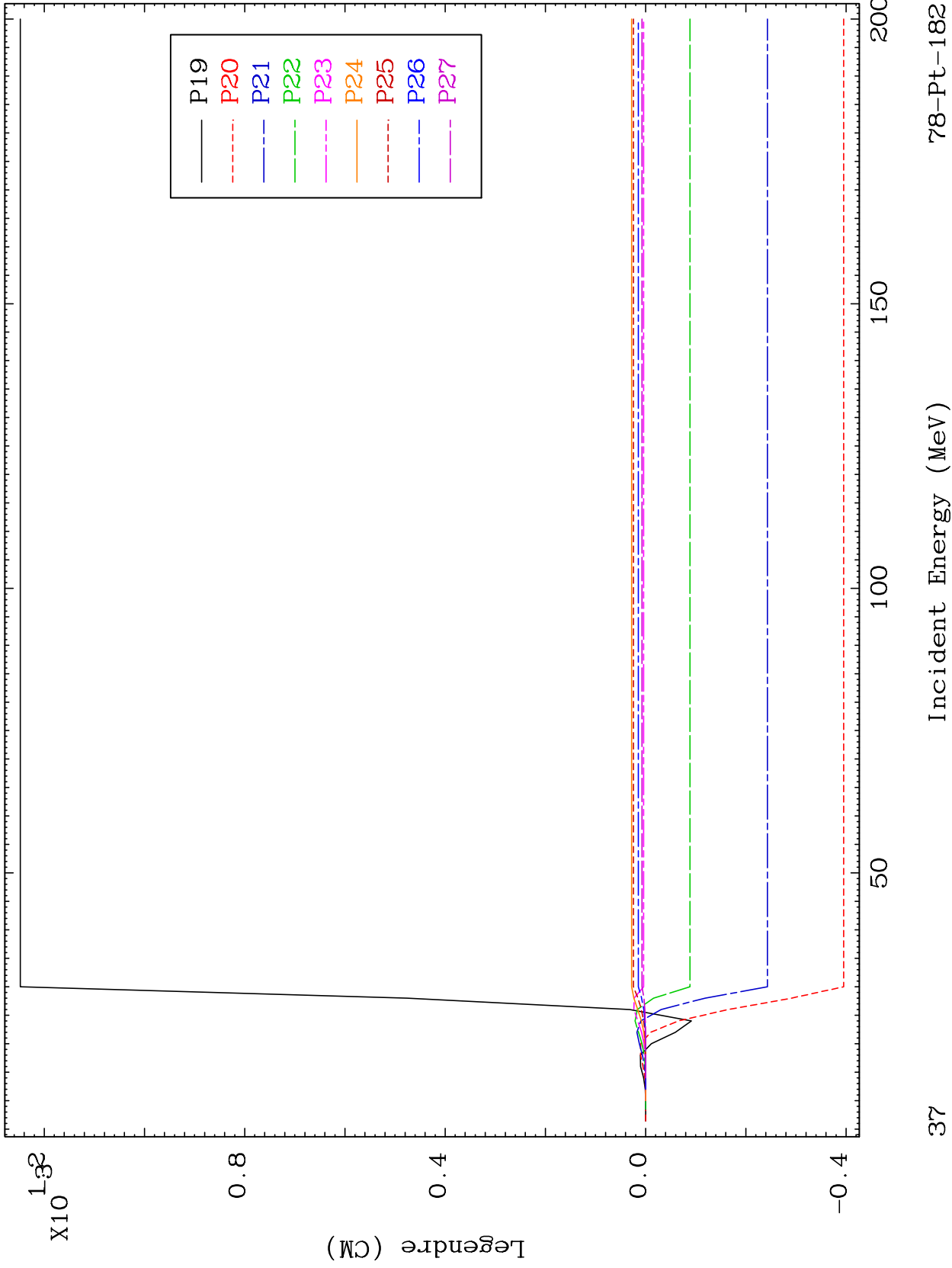




MAT 7801

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

78-Pt-182



37

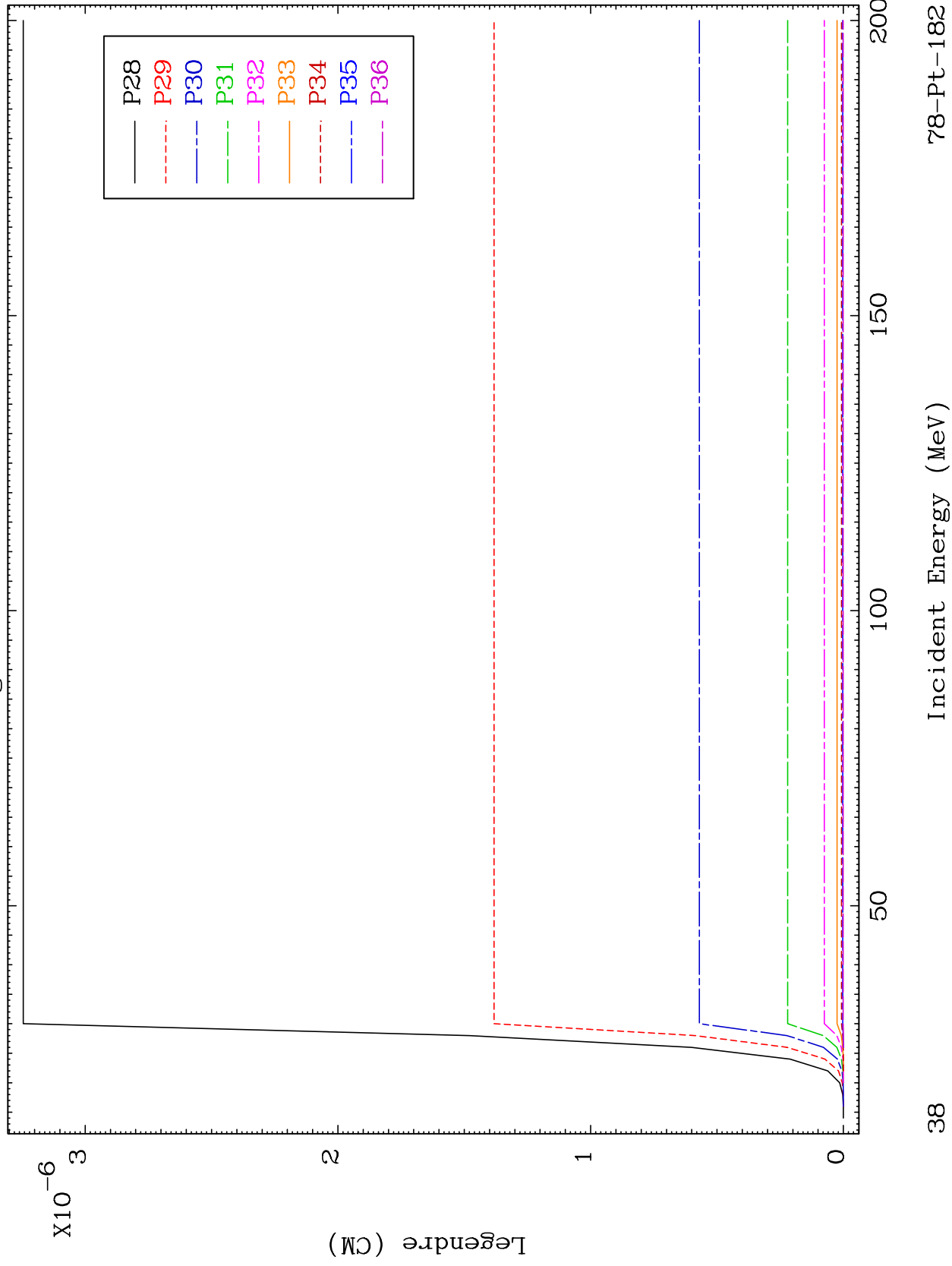
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



38

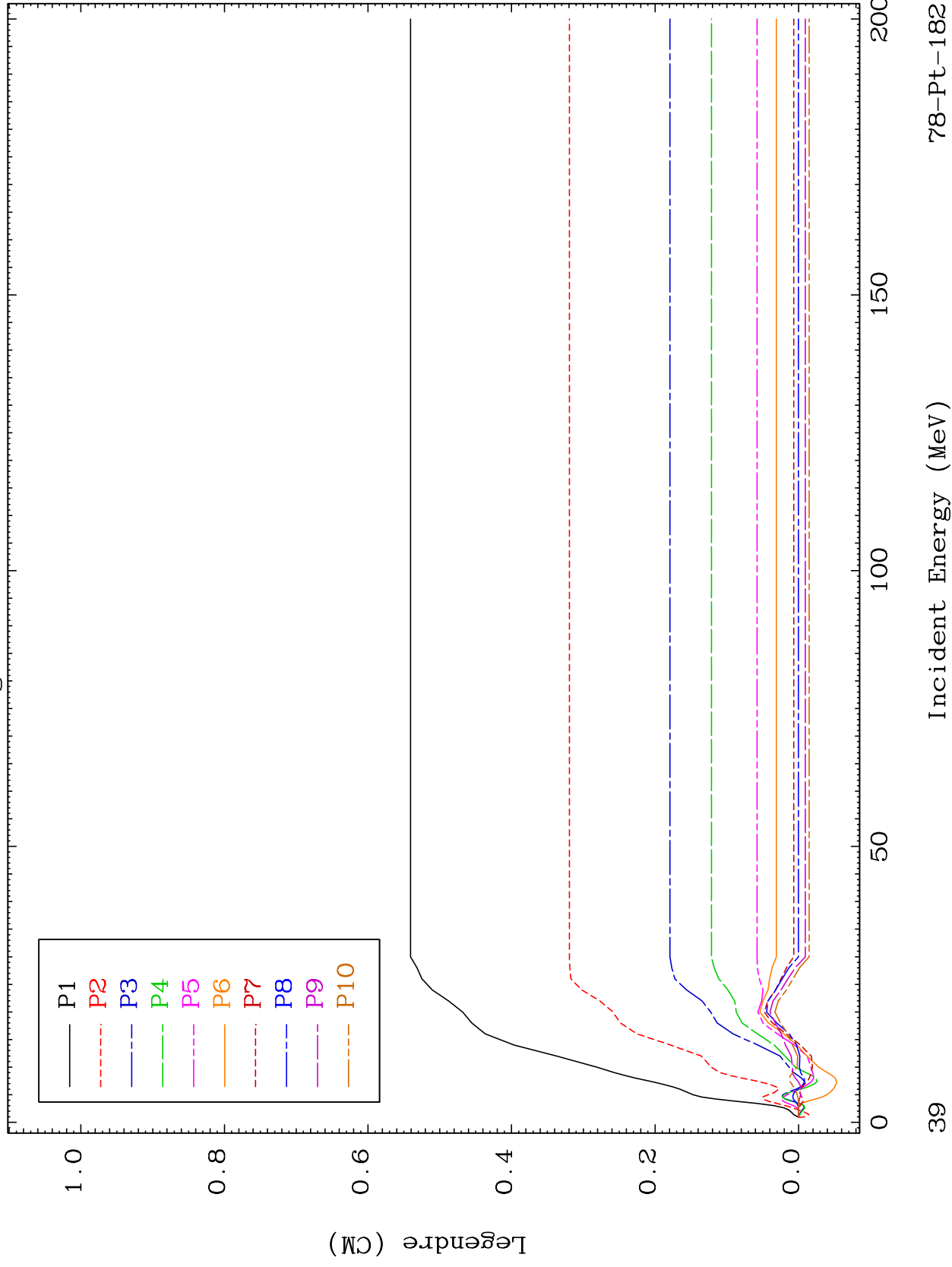
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



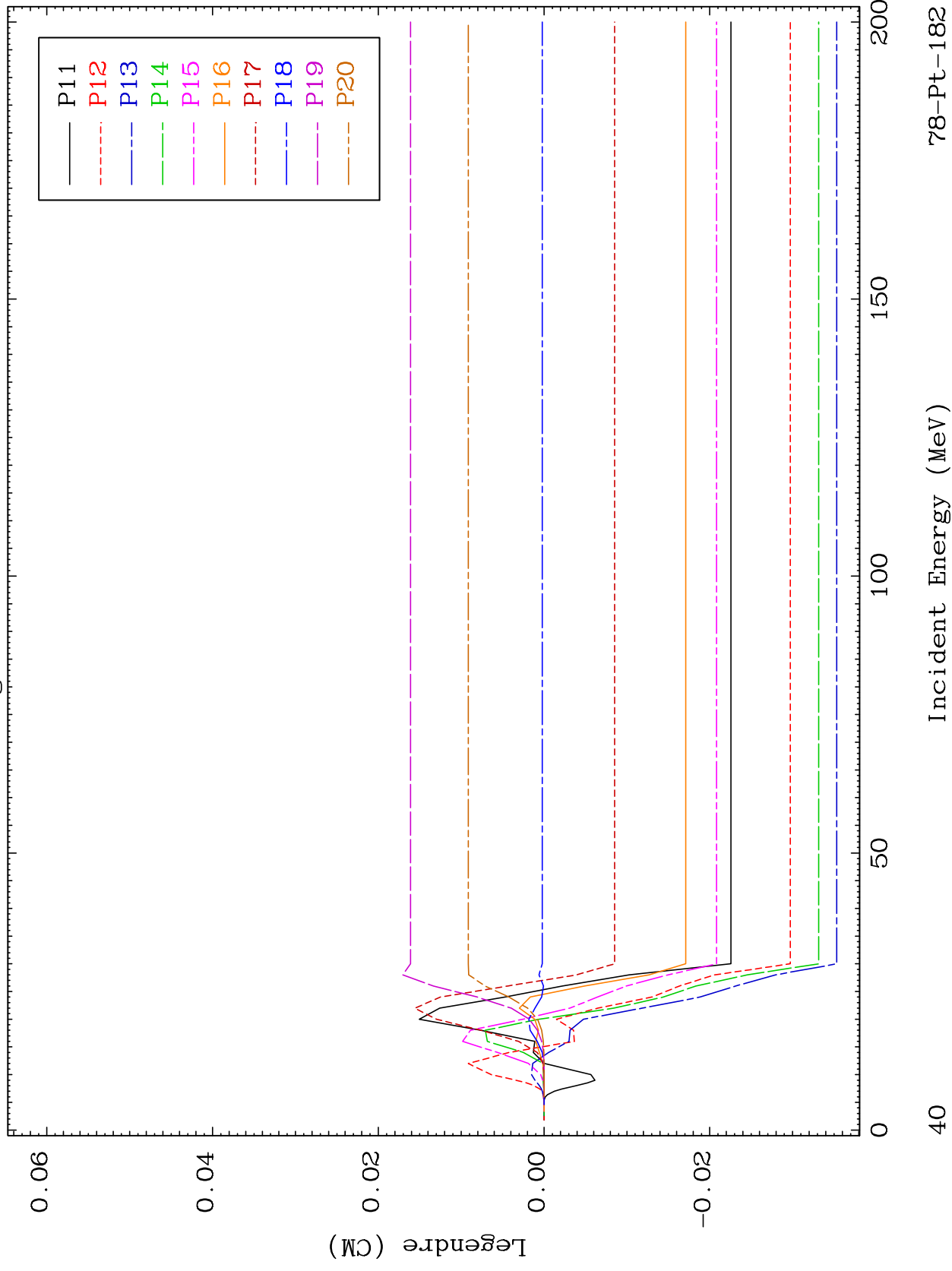
39



MAT 7801

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

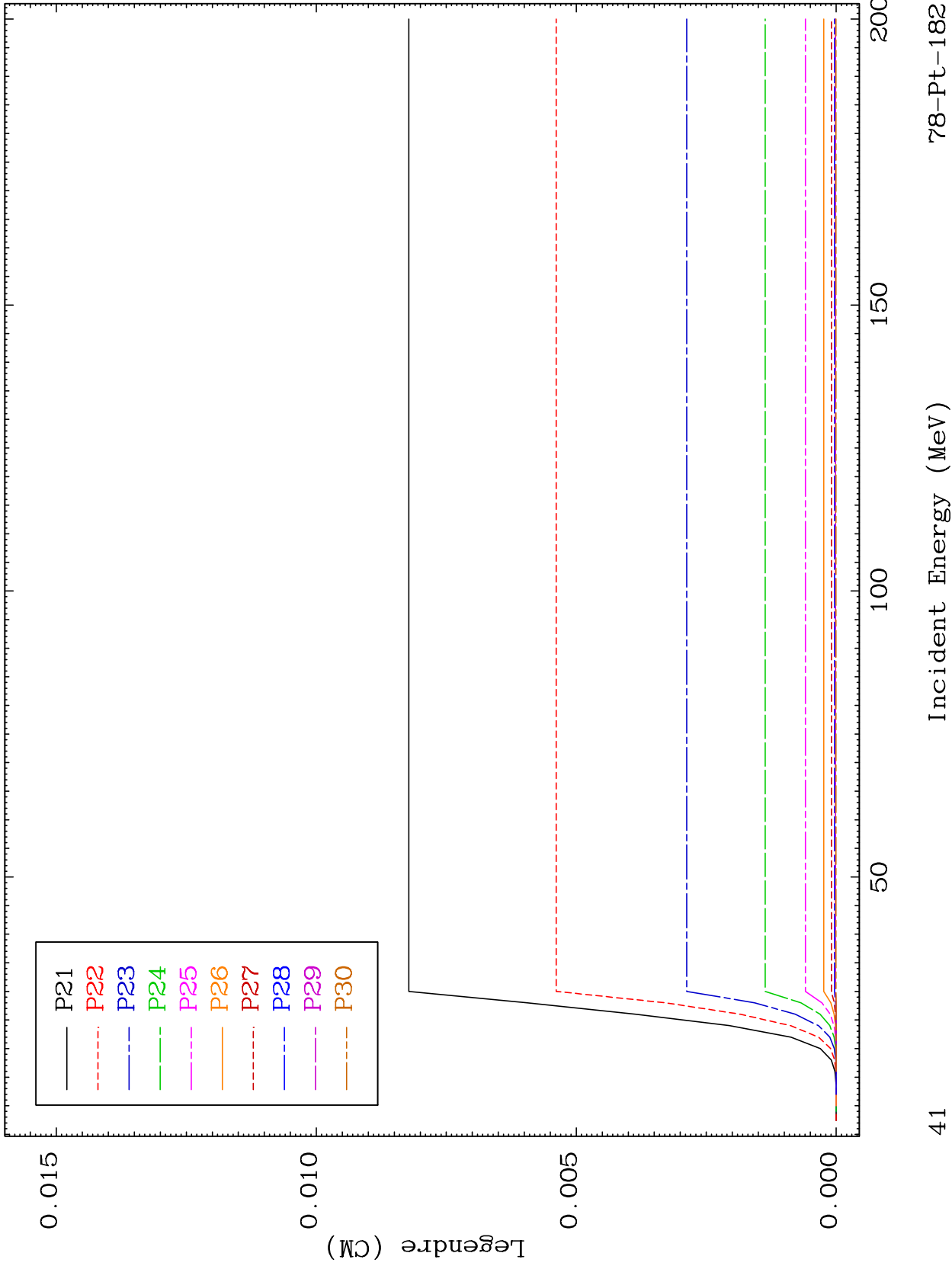
78-Pt-182



MAT 7801

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

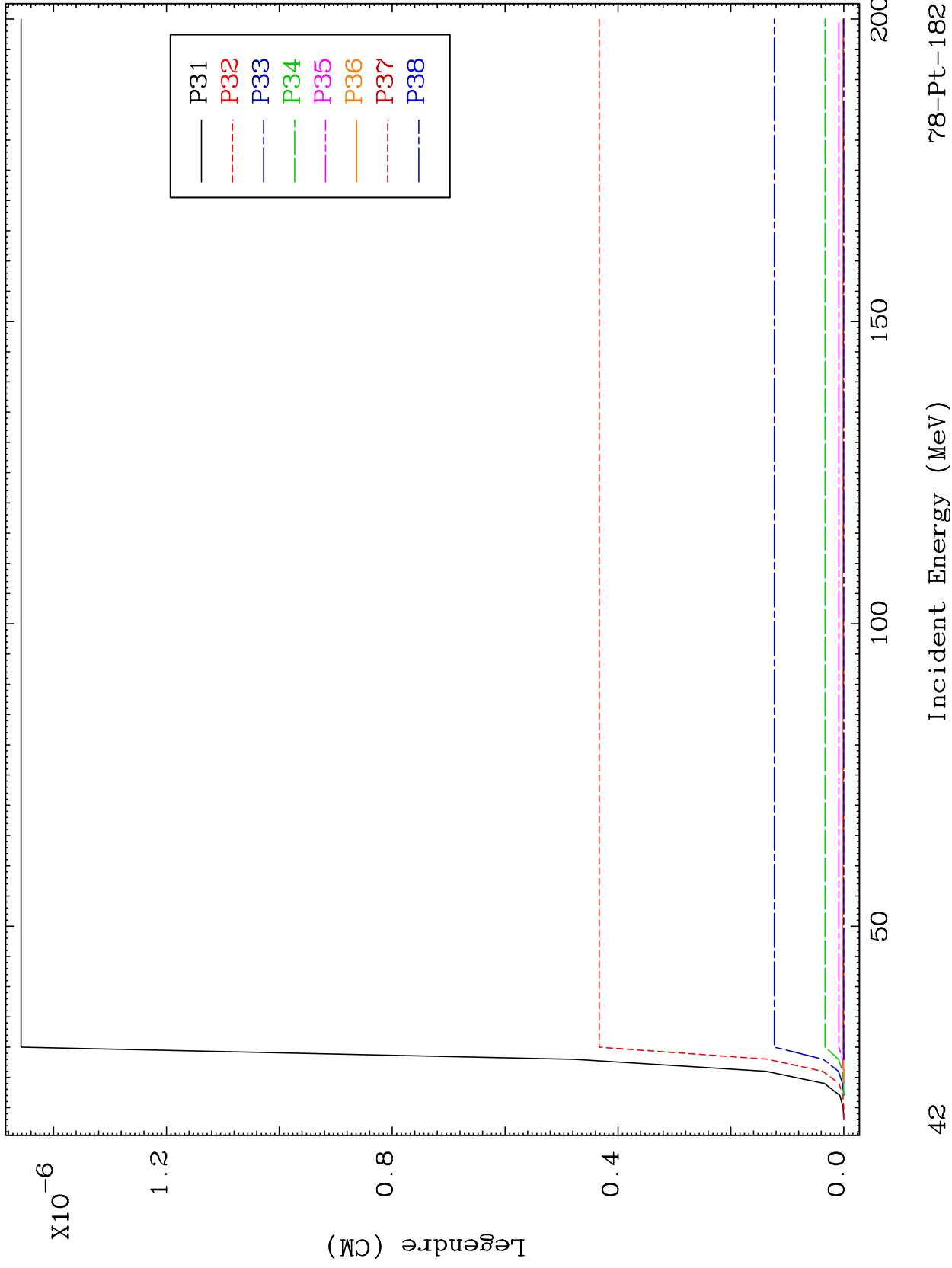
78-Pt-182



MAT 7801

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

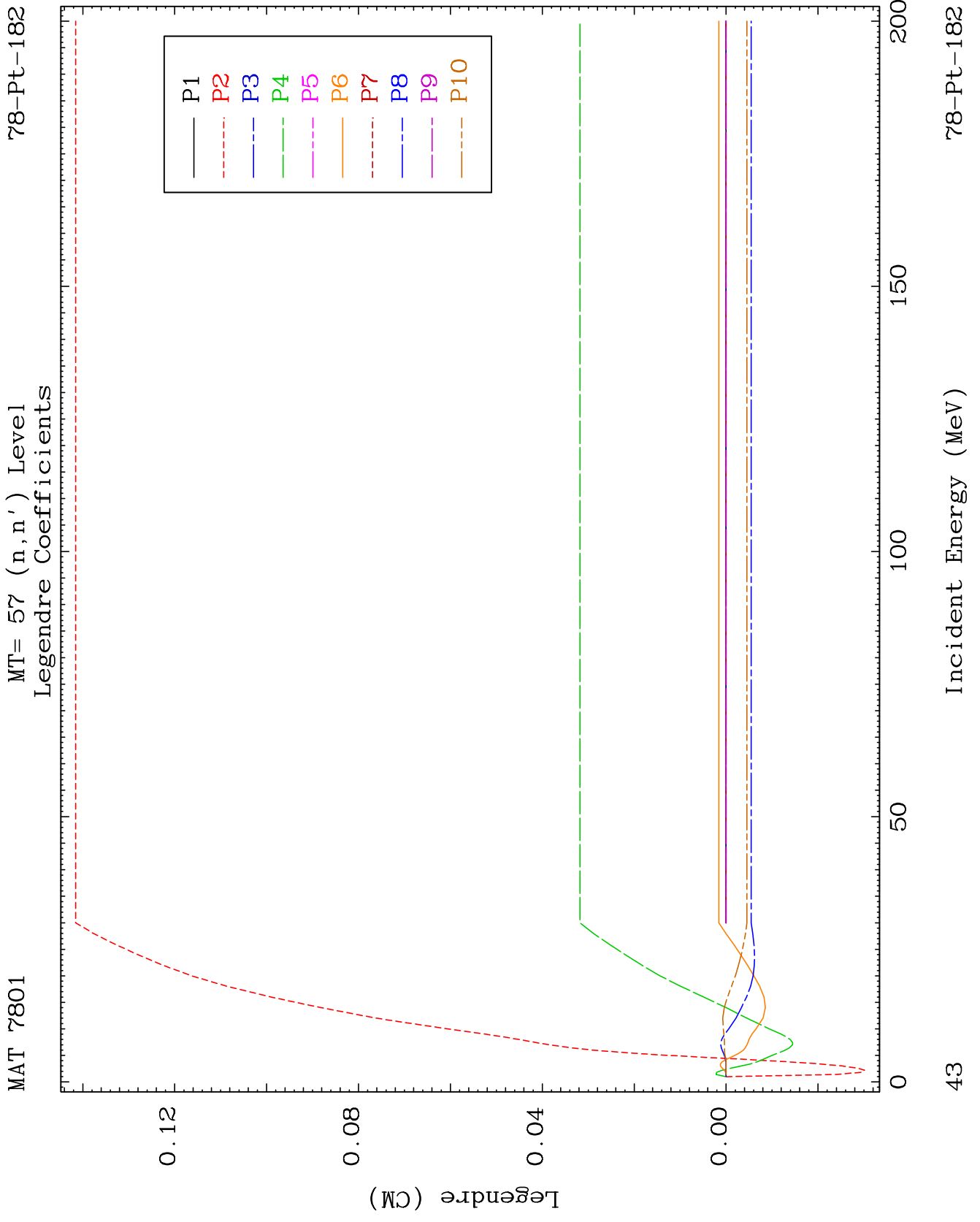
78-Pt-182



42

Incident Energy (MeV)

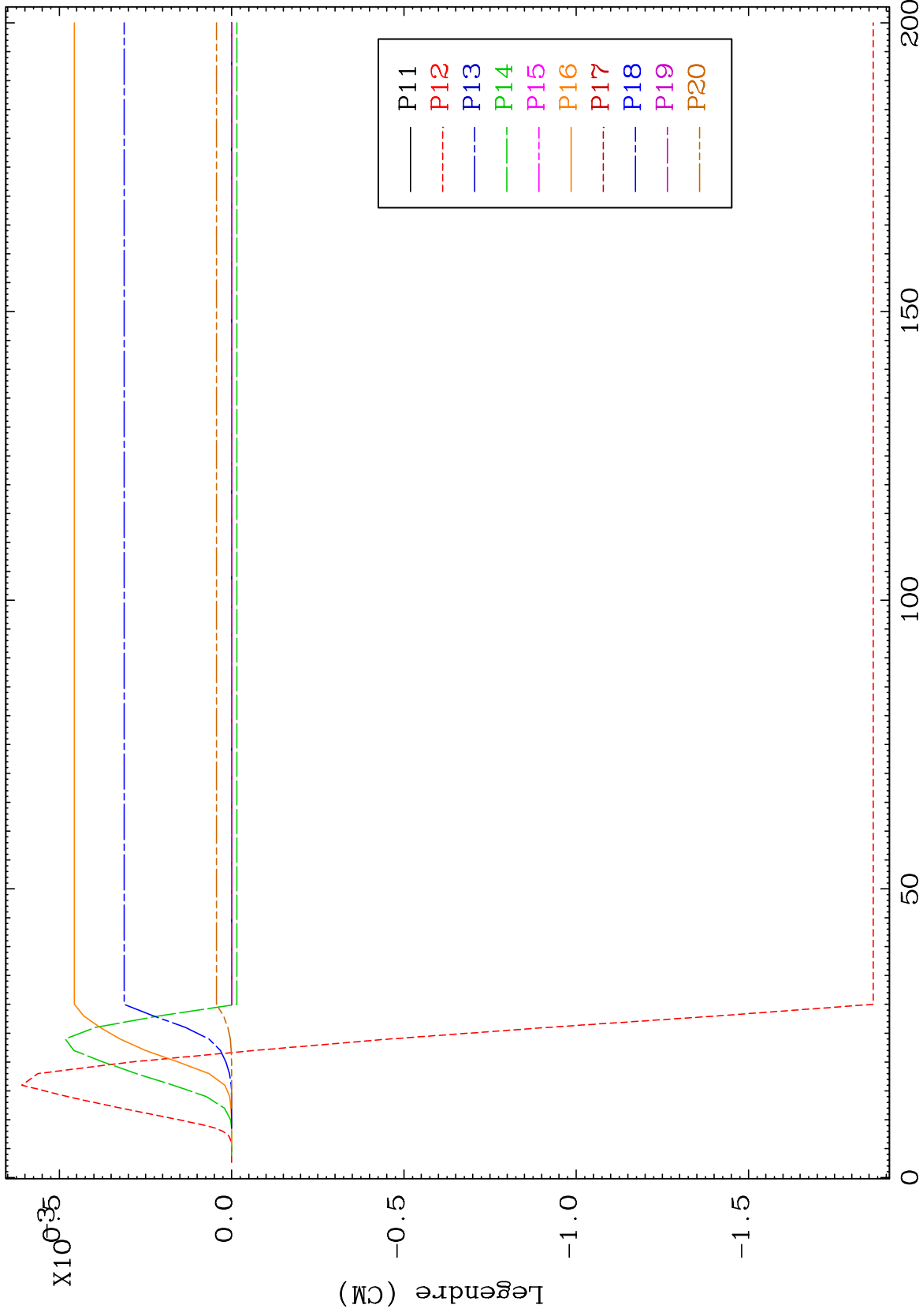
78-Pt-182



MAT 7801

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

78-Pt-182

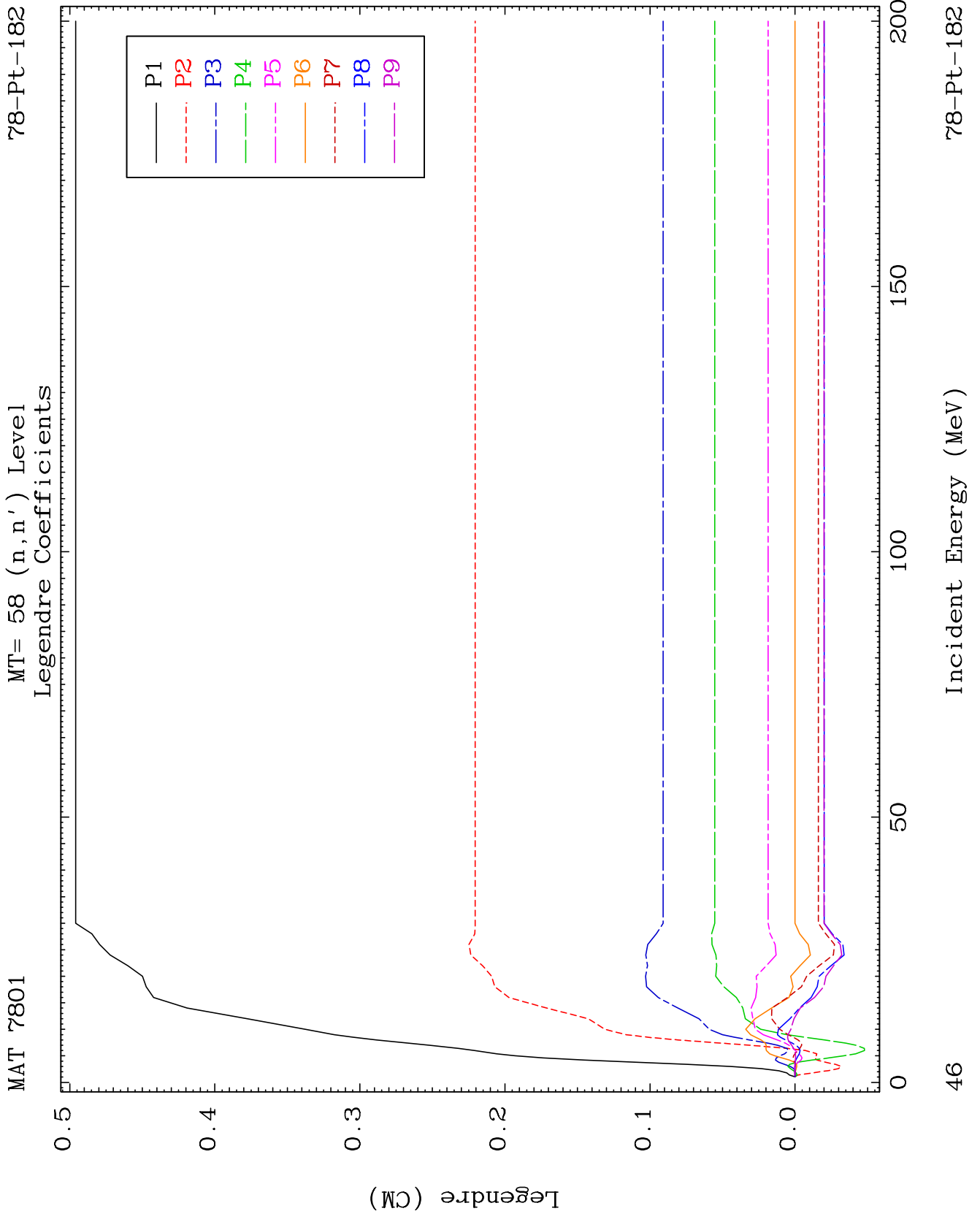


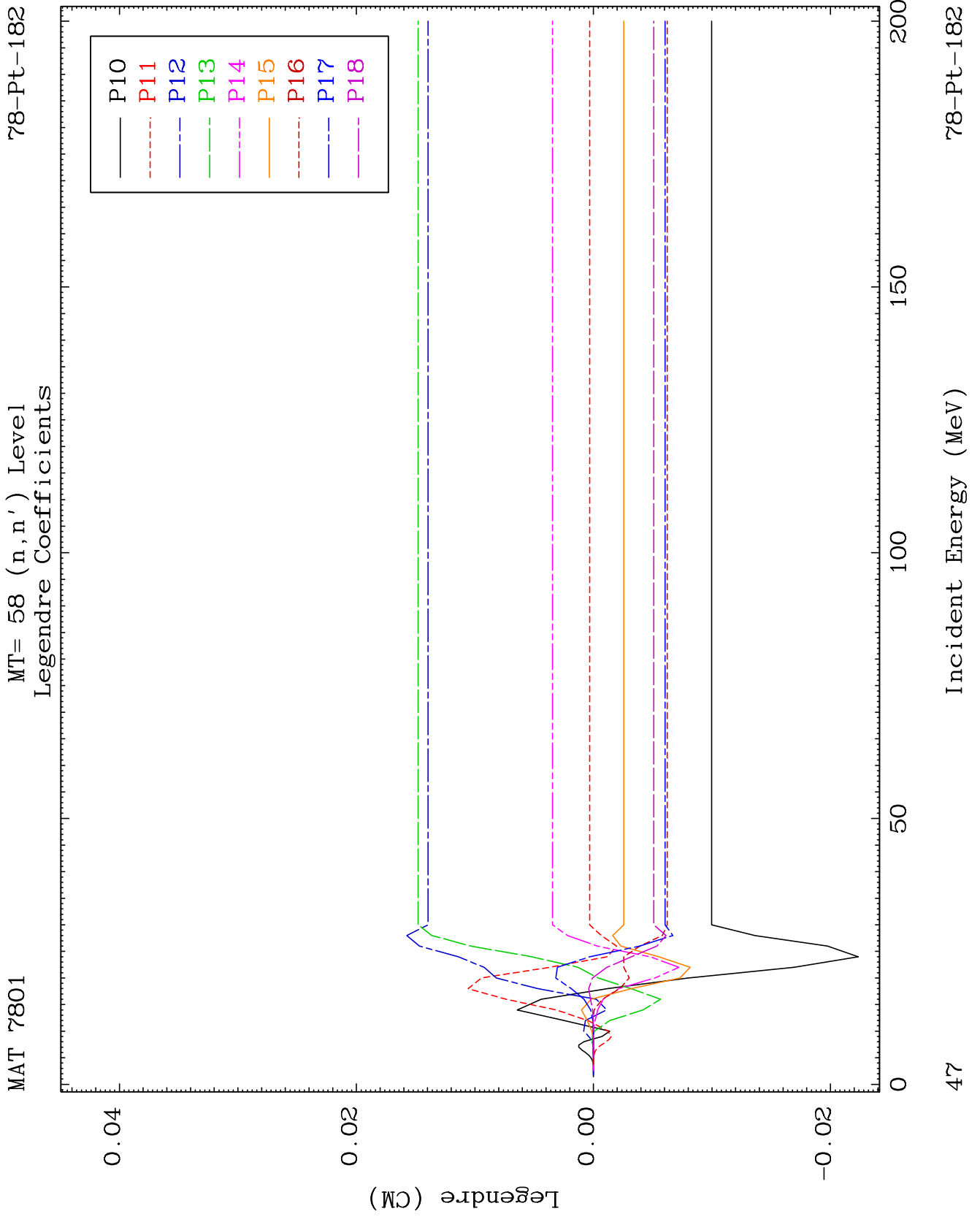
44

Incident Energy (MeV)

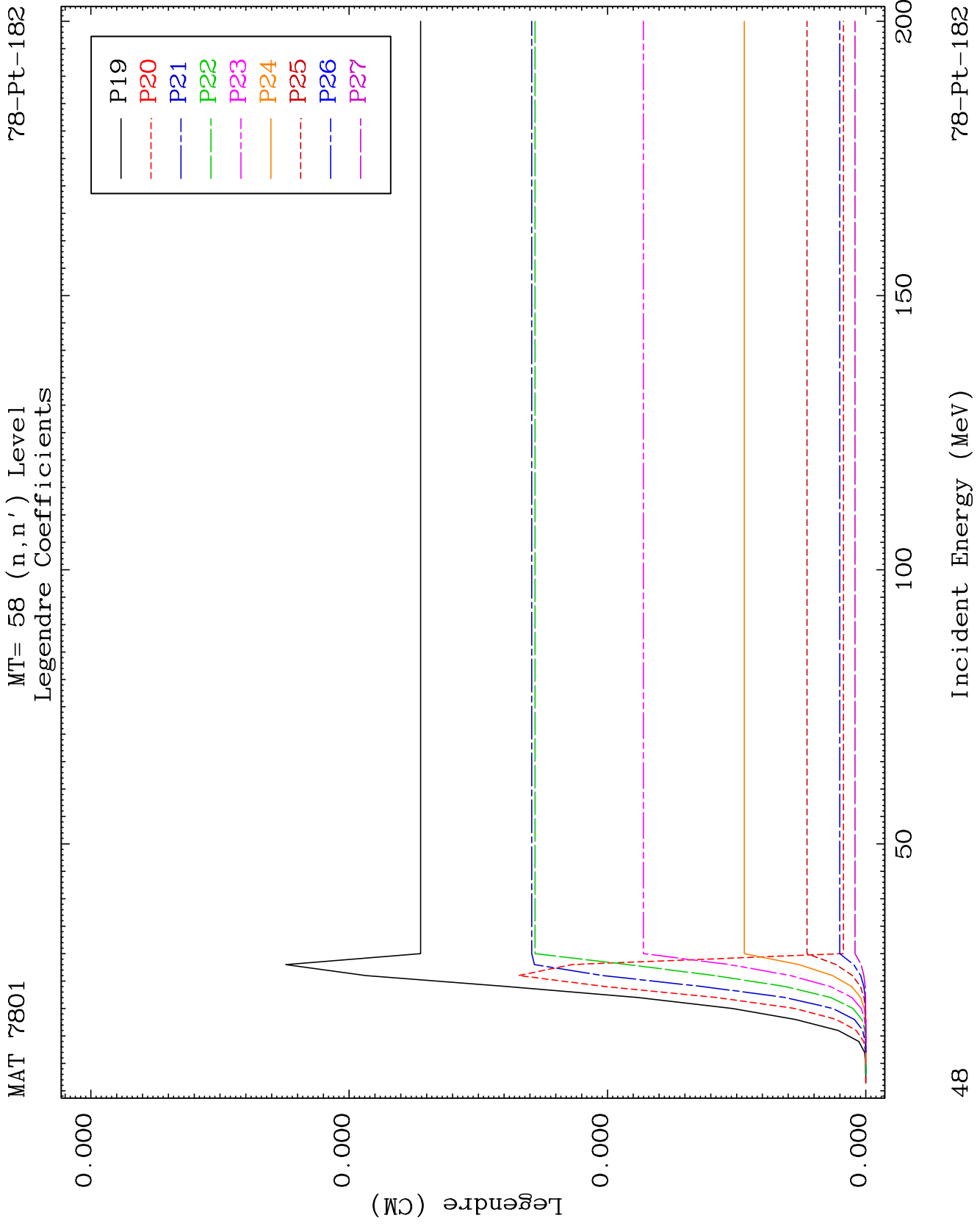
78-Pt-182







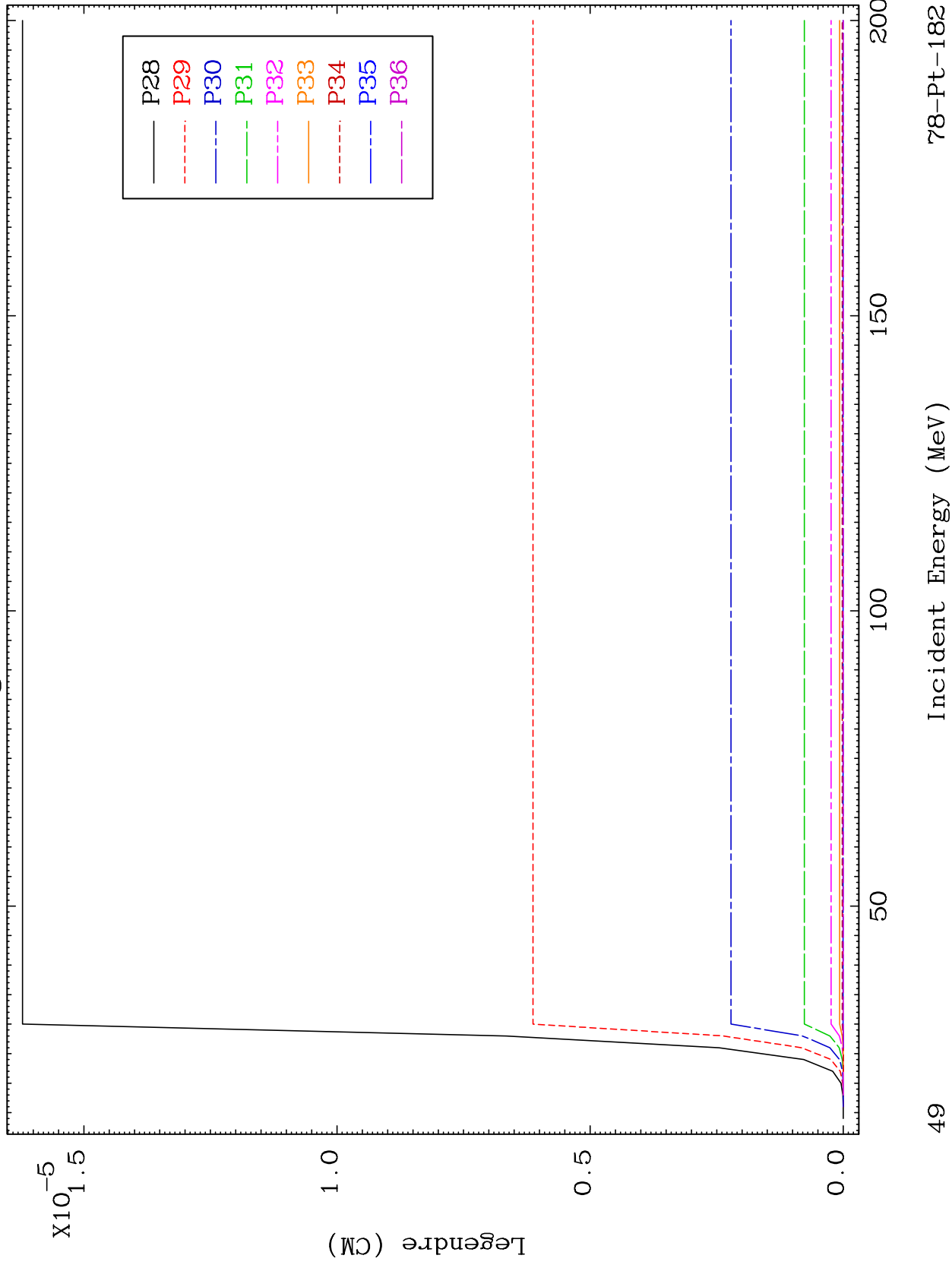




MAT 7801

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

78-Pt-182



49

Incident Energy (MeV)

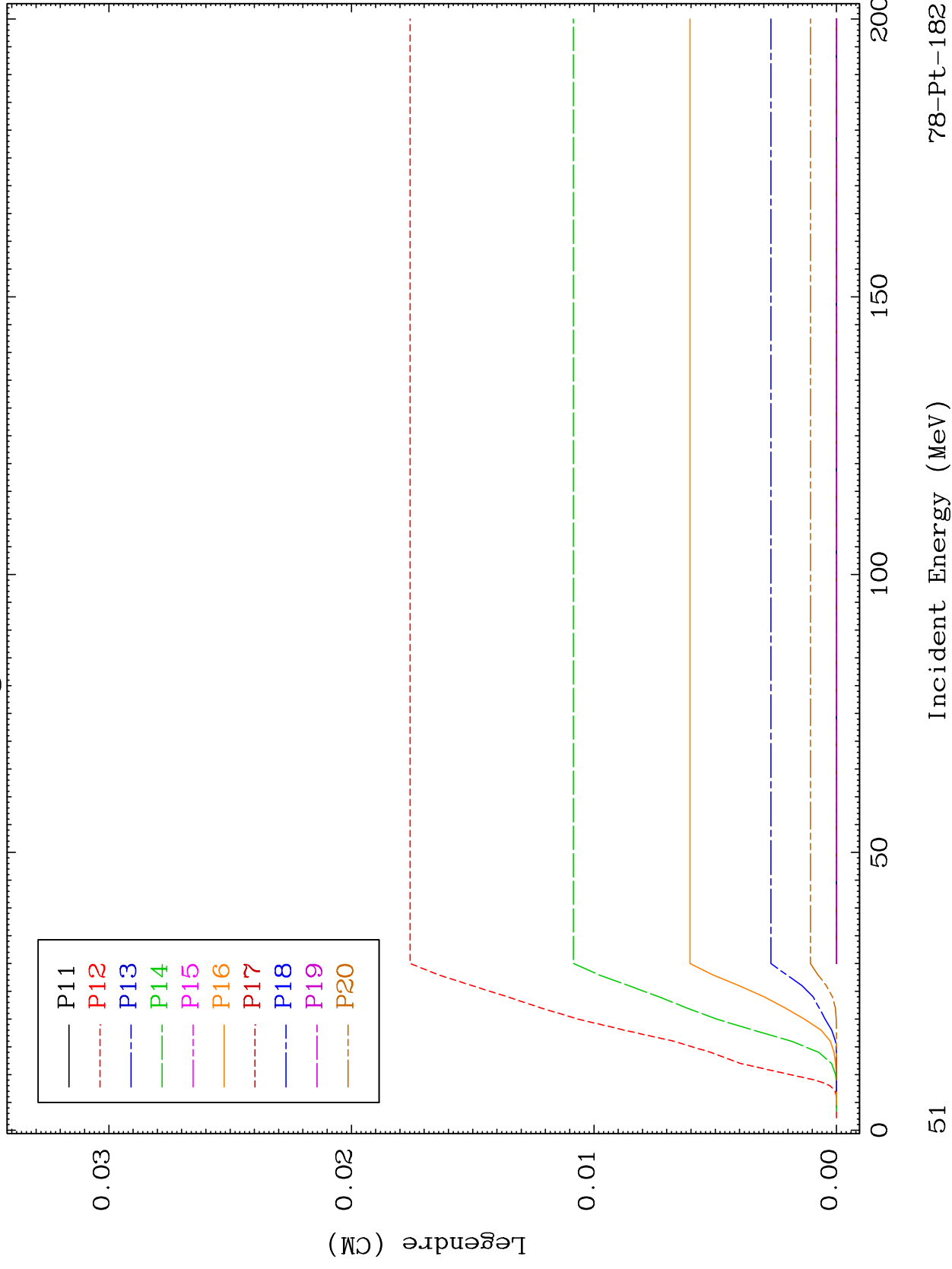
78-Pt-182



MAT 7801

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

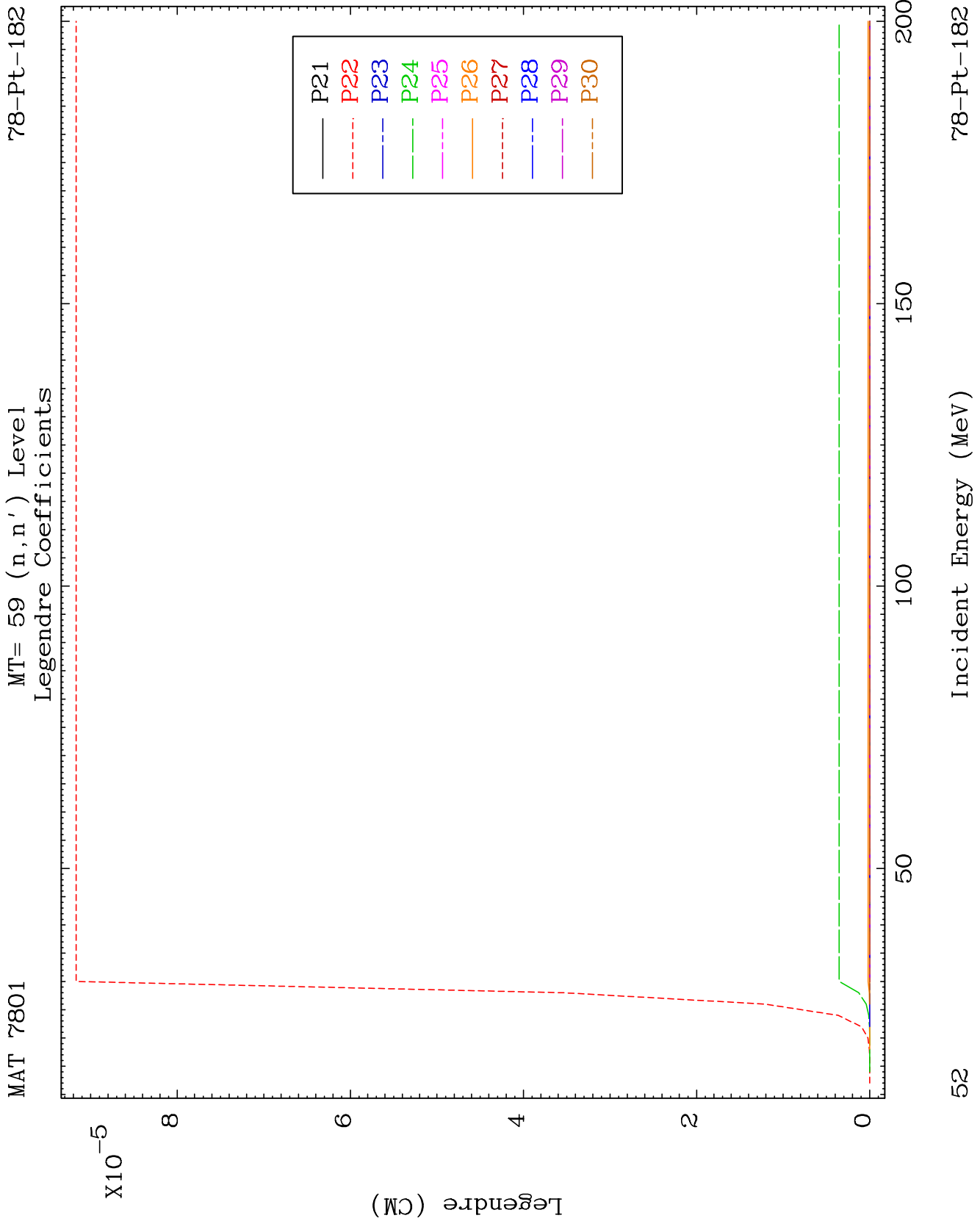
78-Pt-182



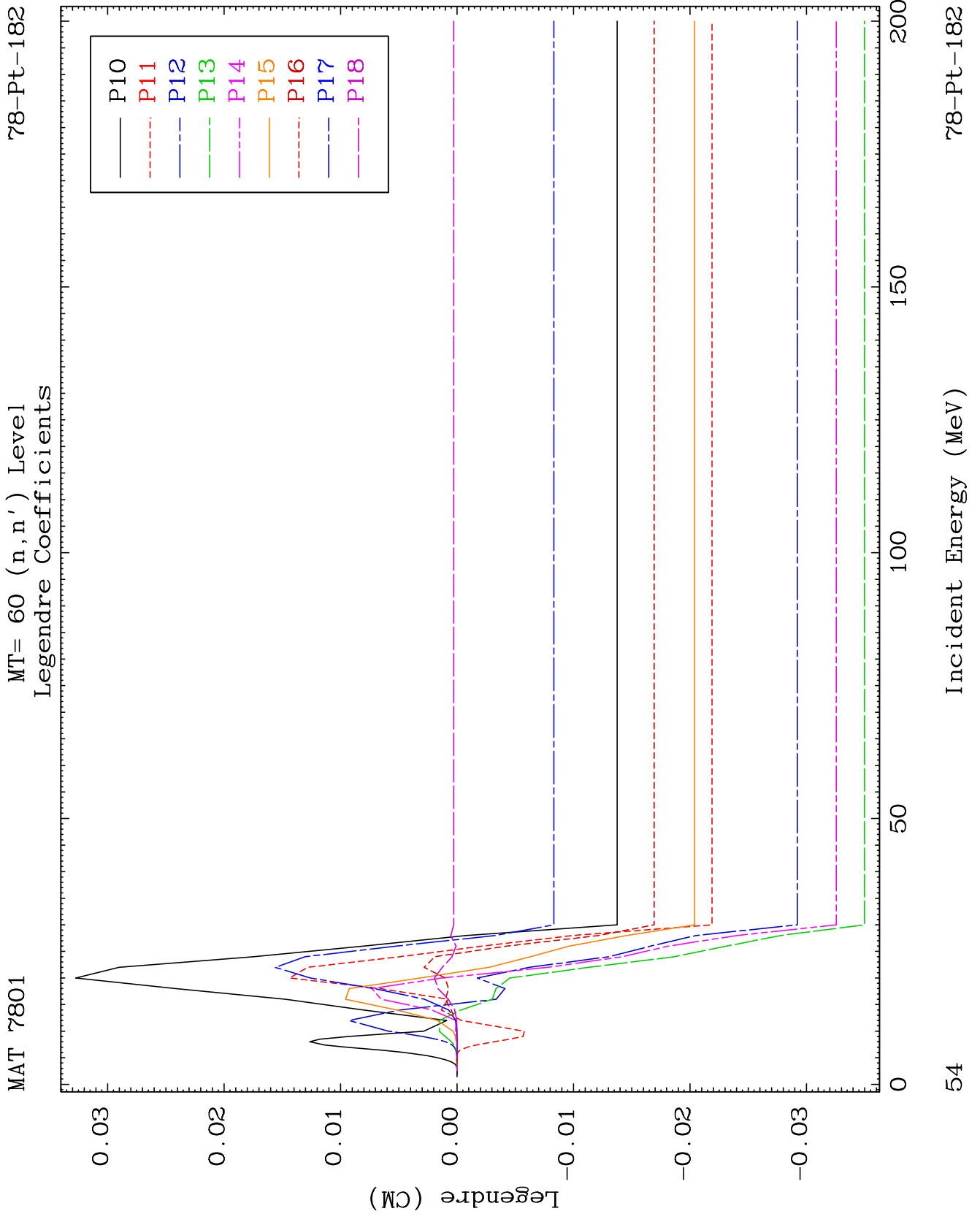
51

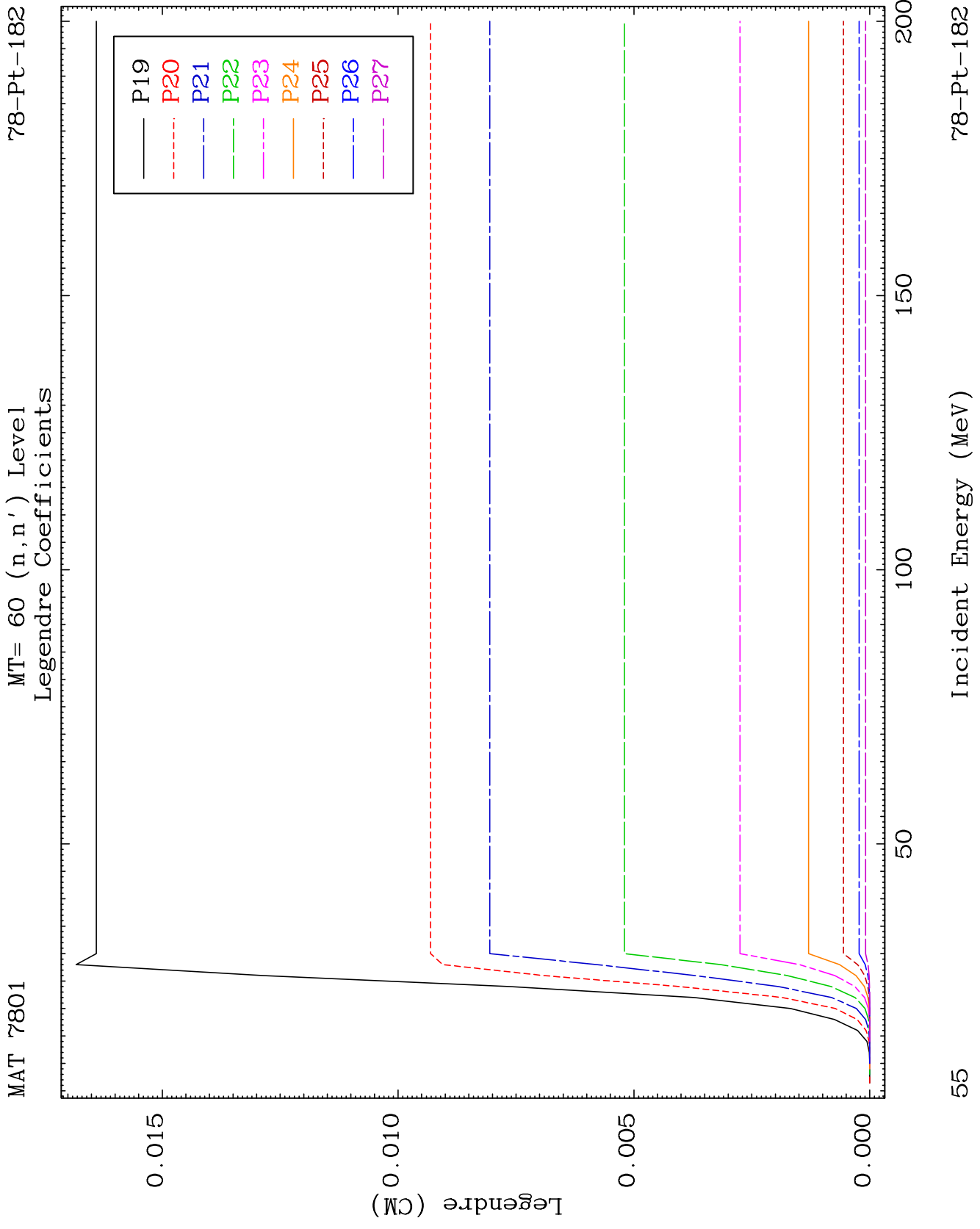
Incident Energy (MeV)

78-Pt-182







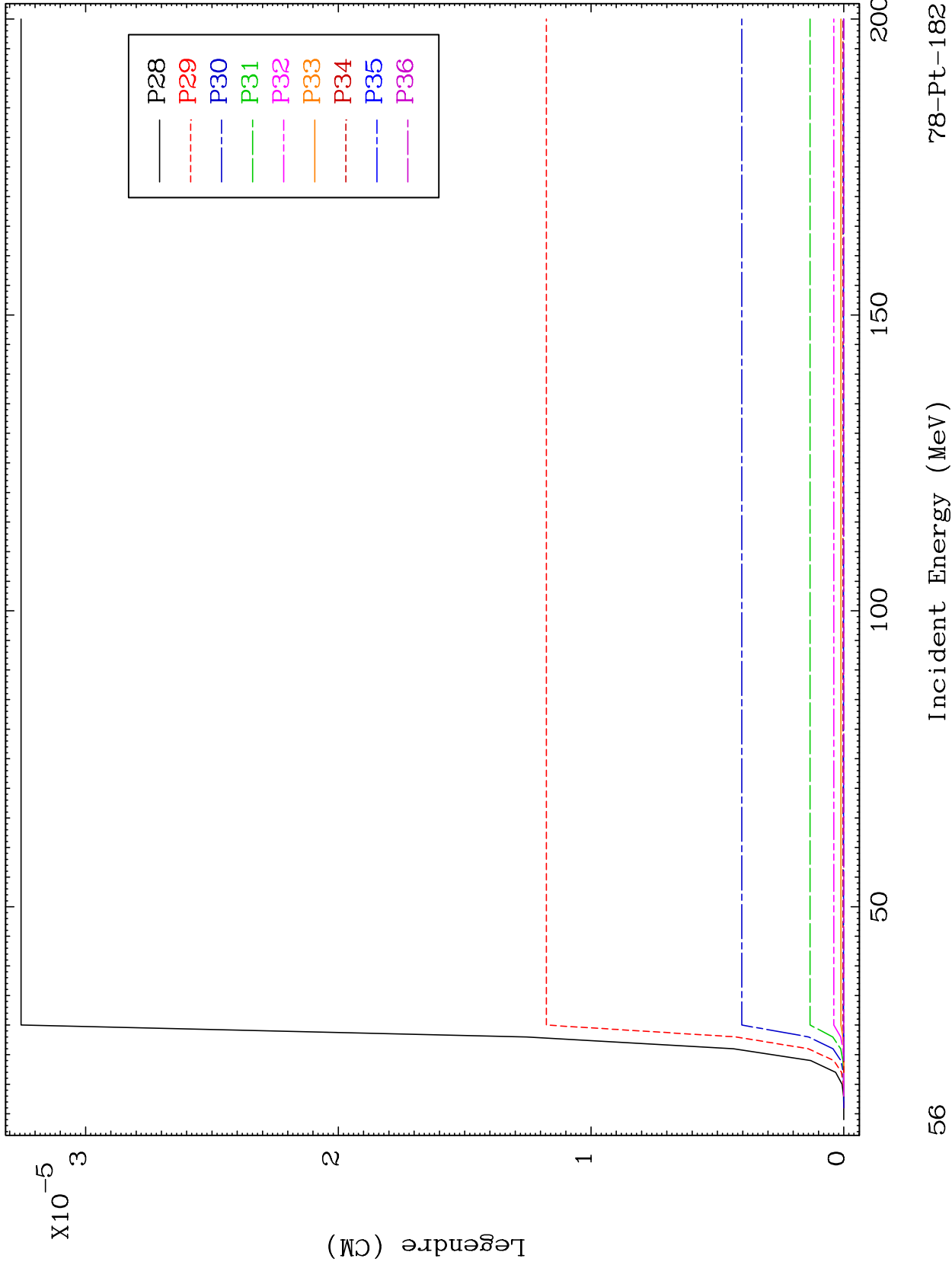




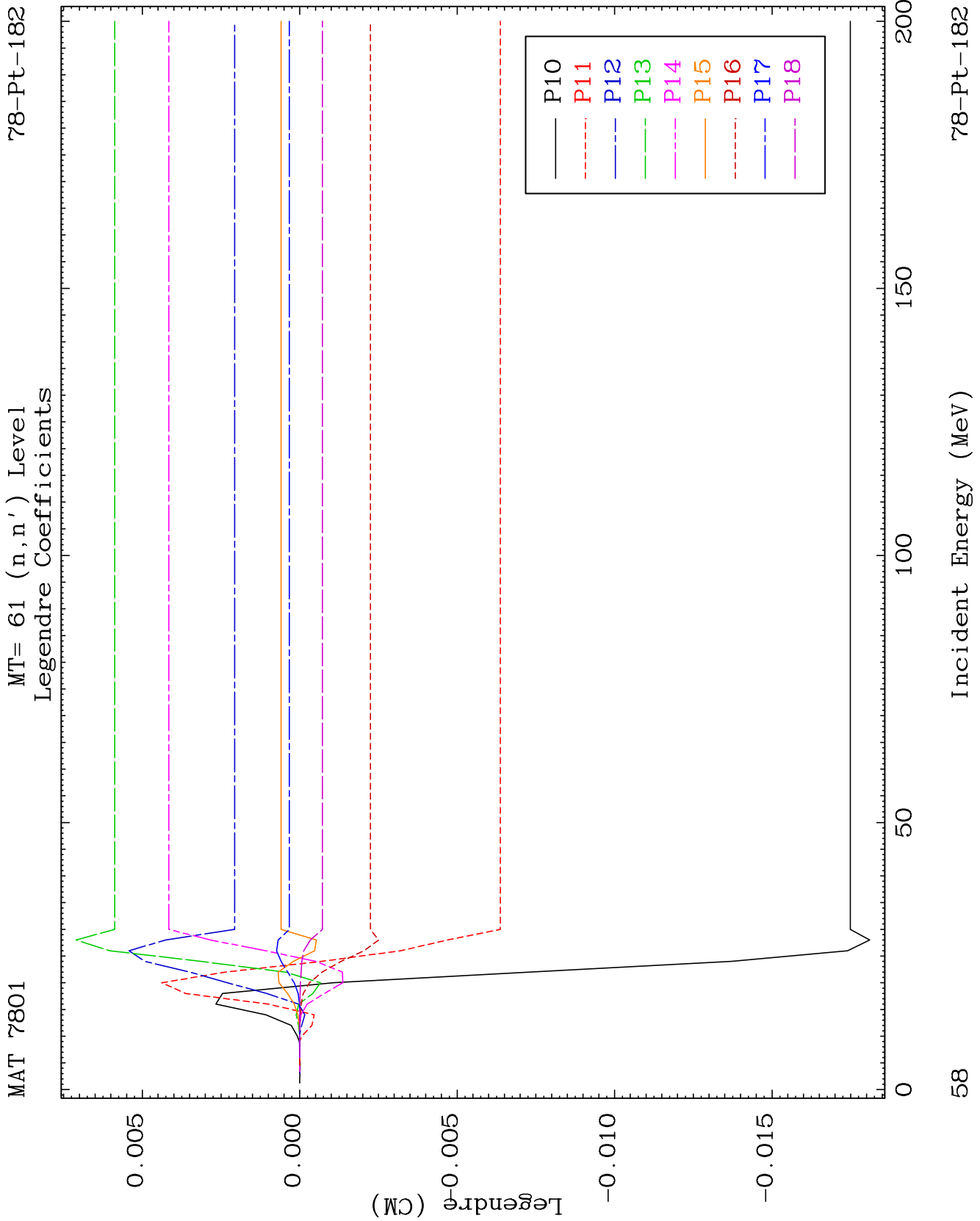
MAT 7801

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

78-Pt-182



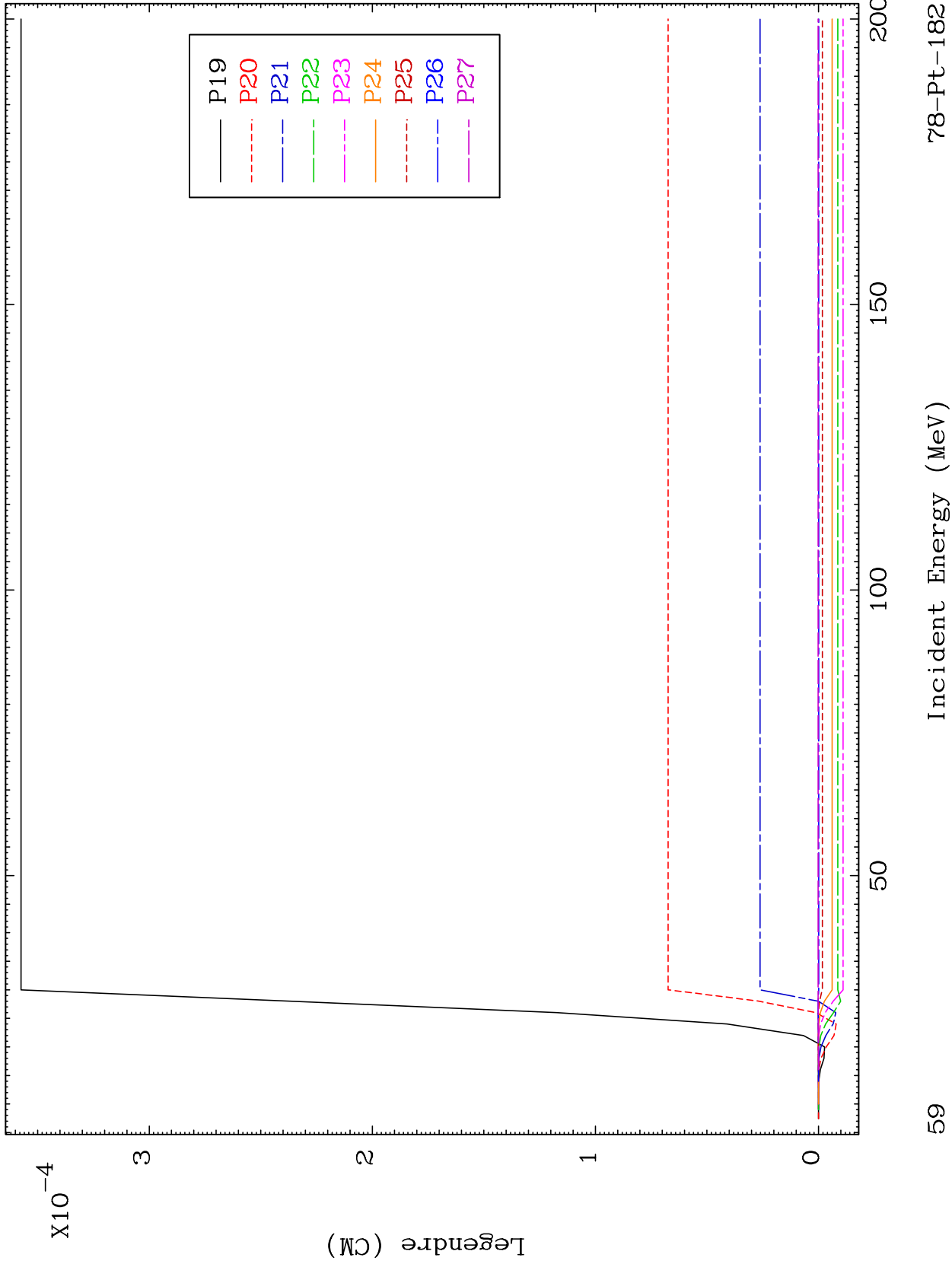




MAT 7801

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

78-Pt-182



59

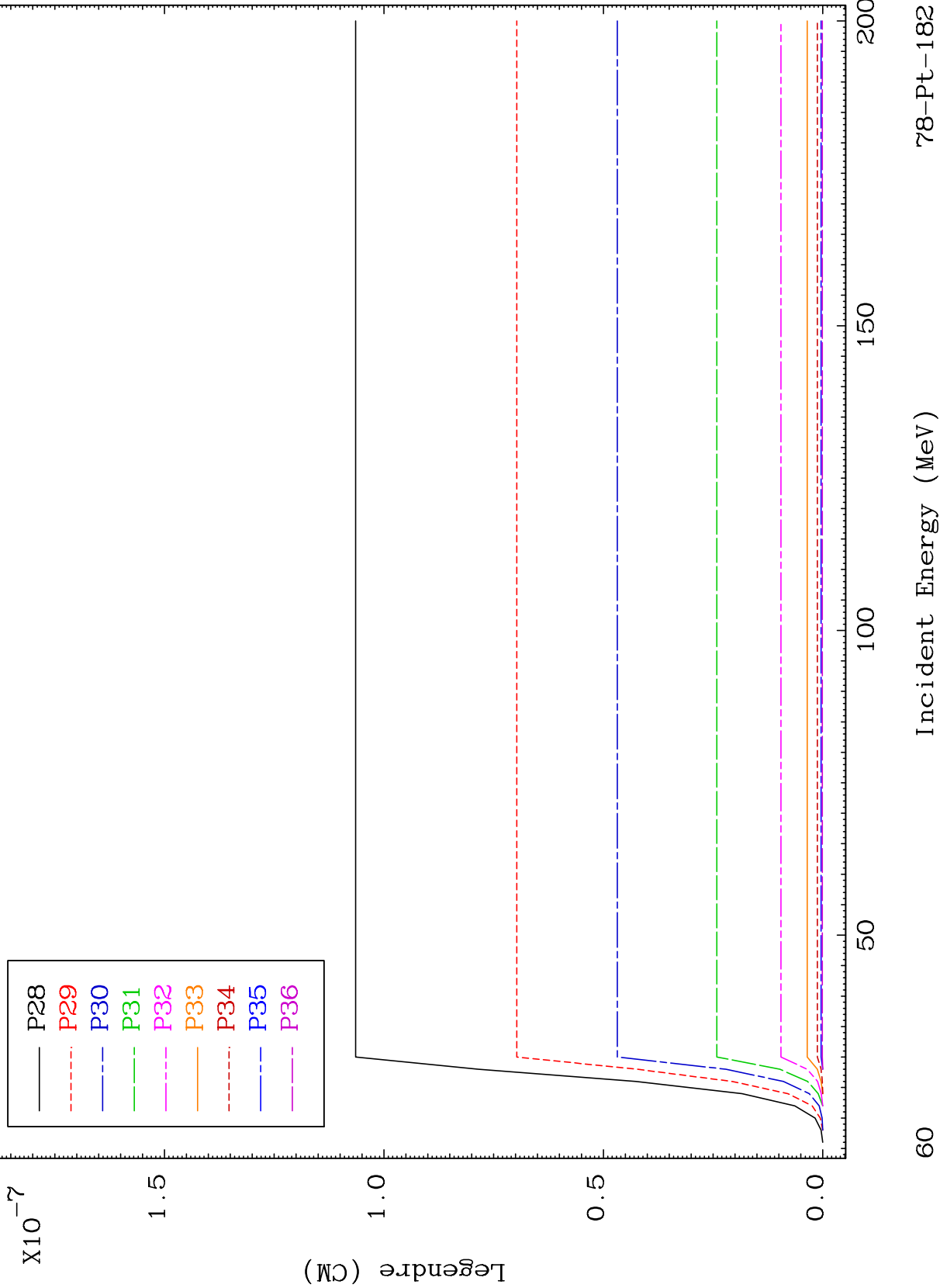
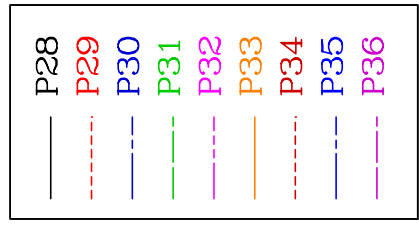
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

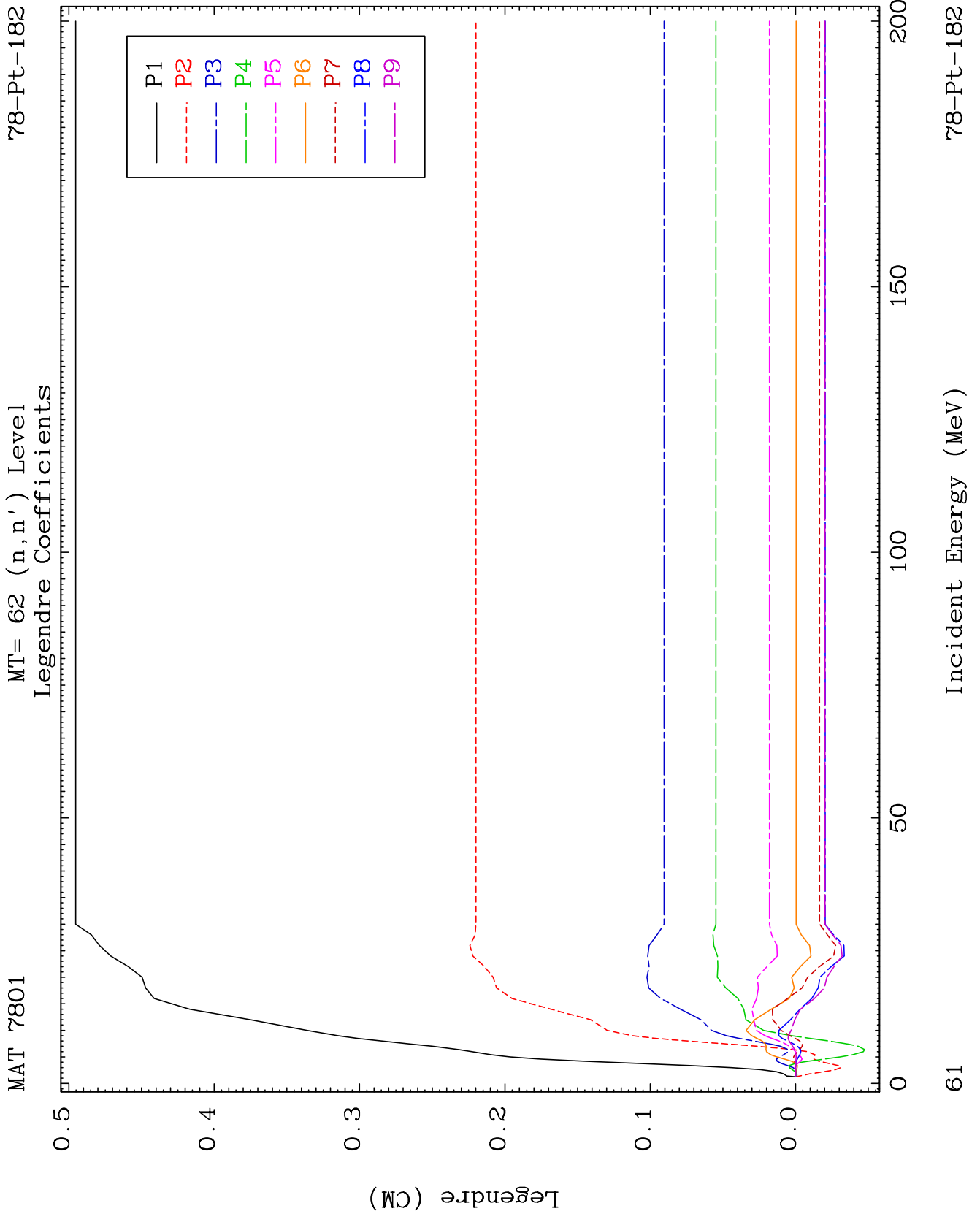
78-Pt-182

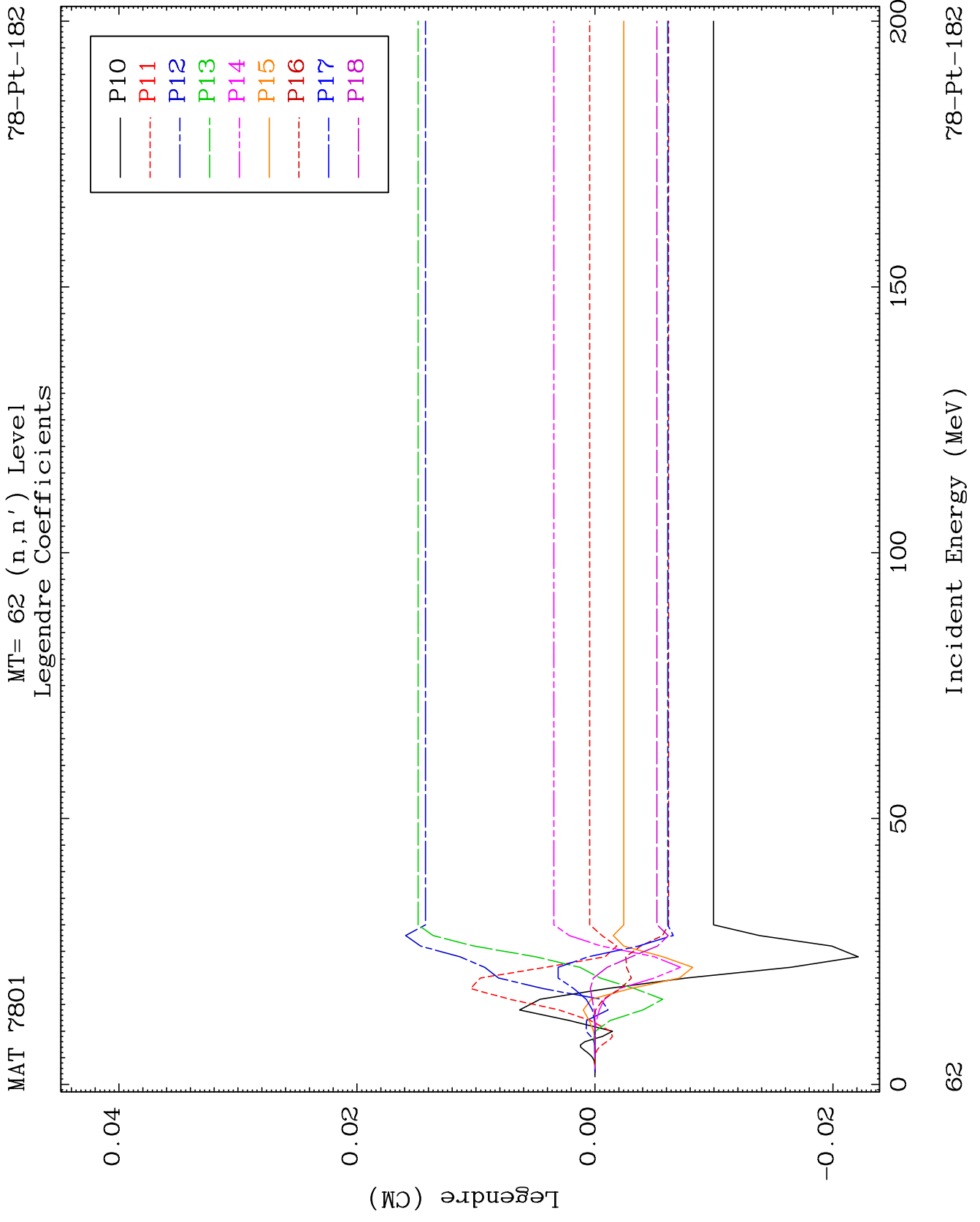


78-Pt-182

Incident Energy (MeV)

60

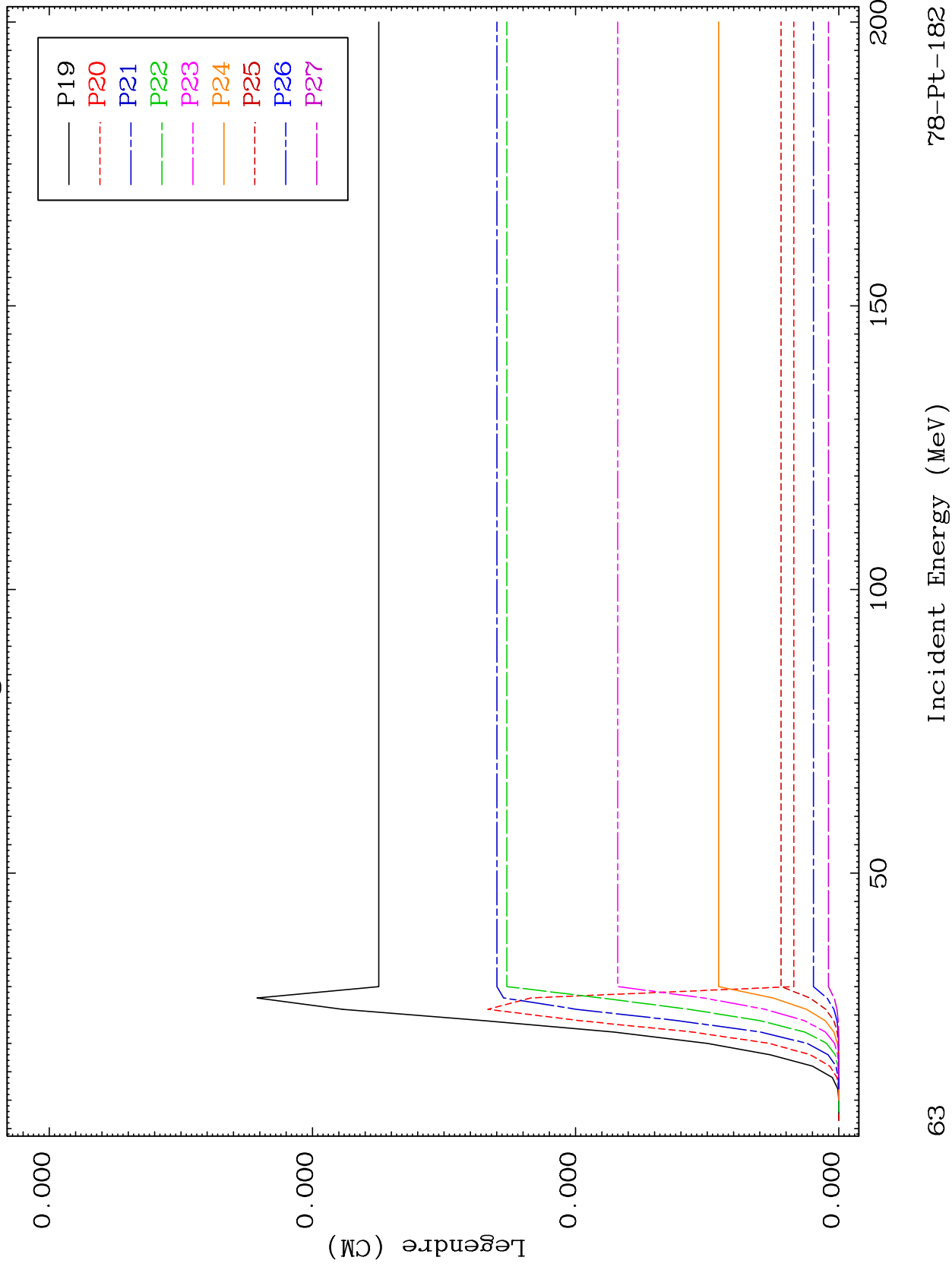




MAT 7801

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

78-Pt-182

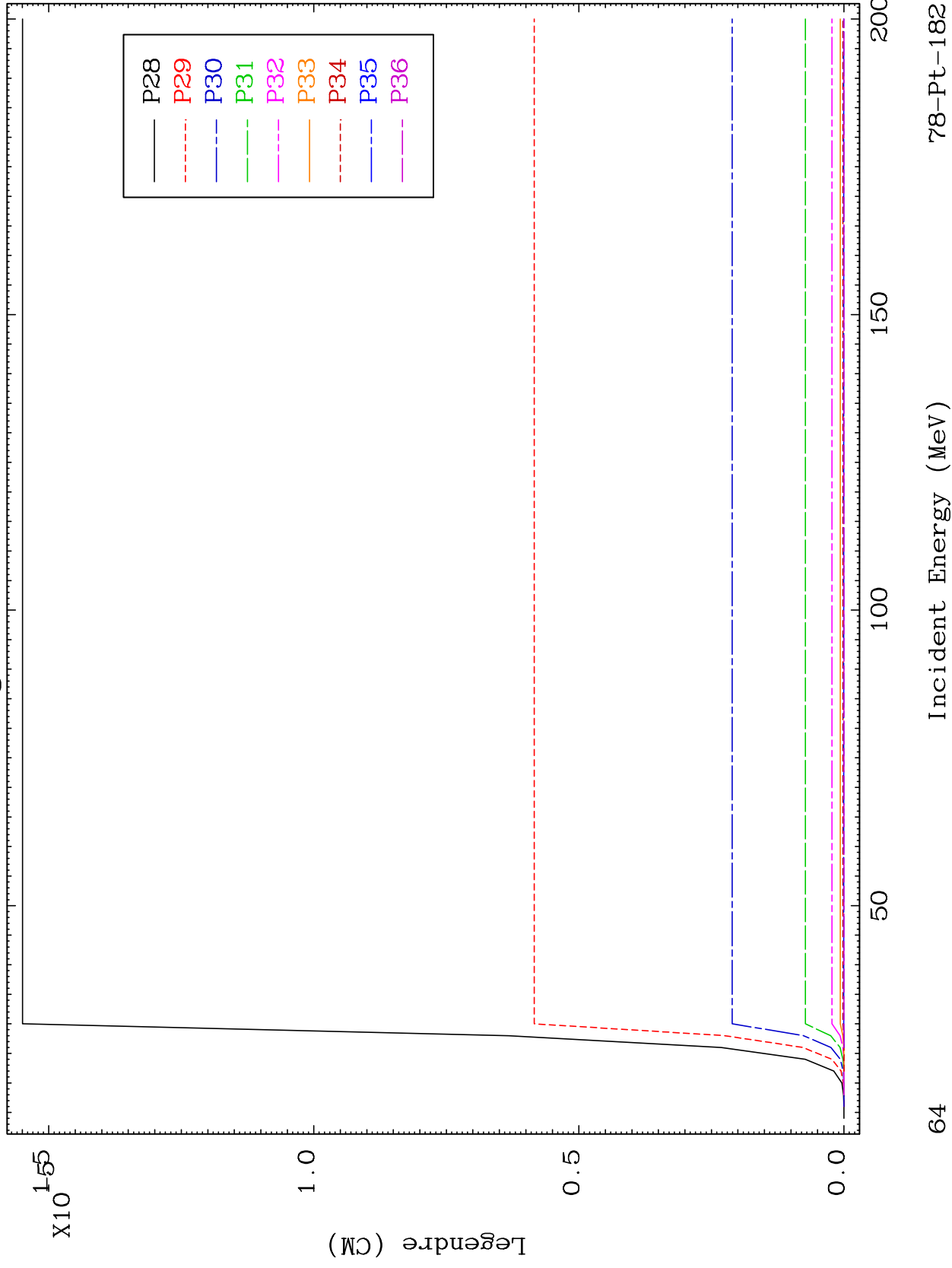




MAT 7801

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

78-Pt-182



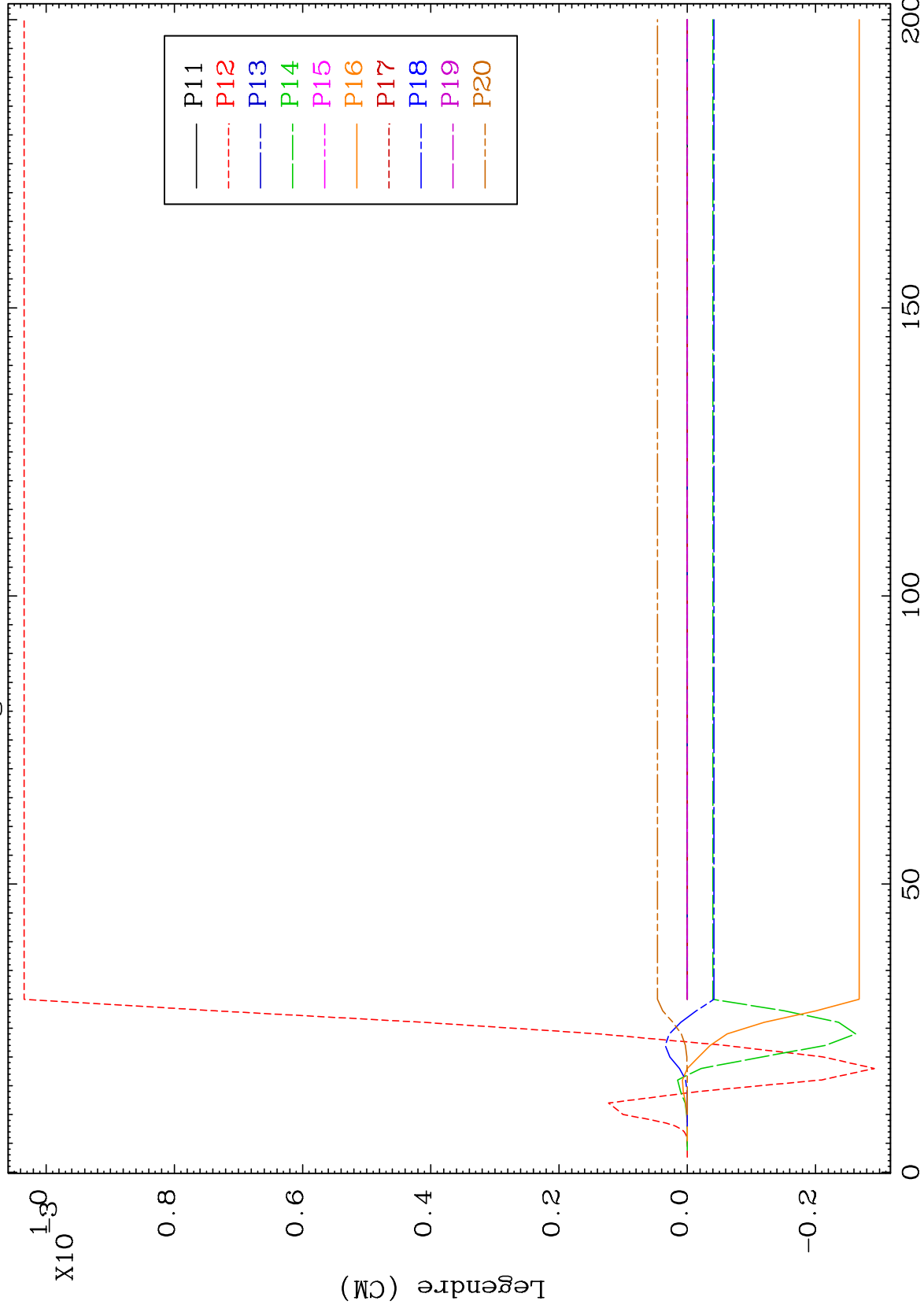
64



MAT 7801

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

78-Pt-182

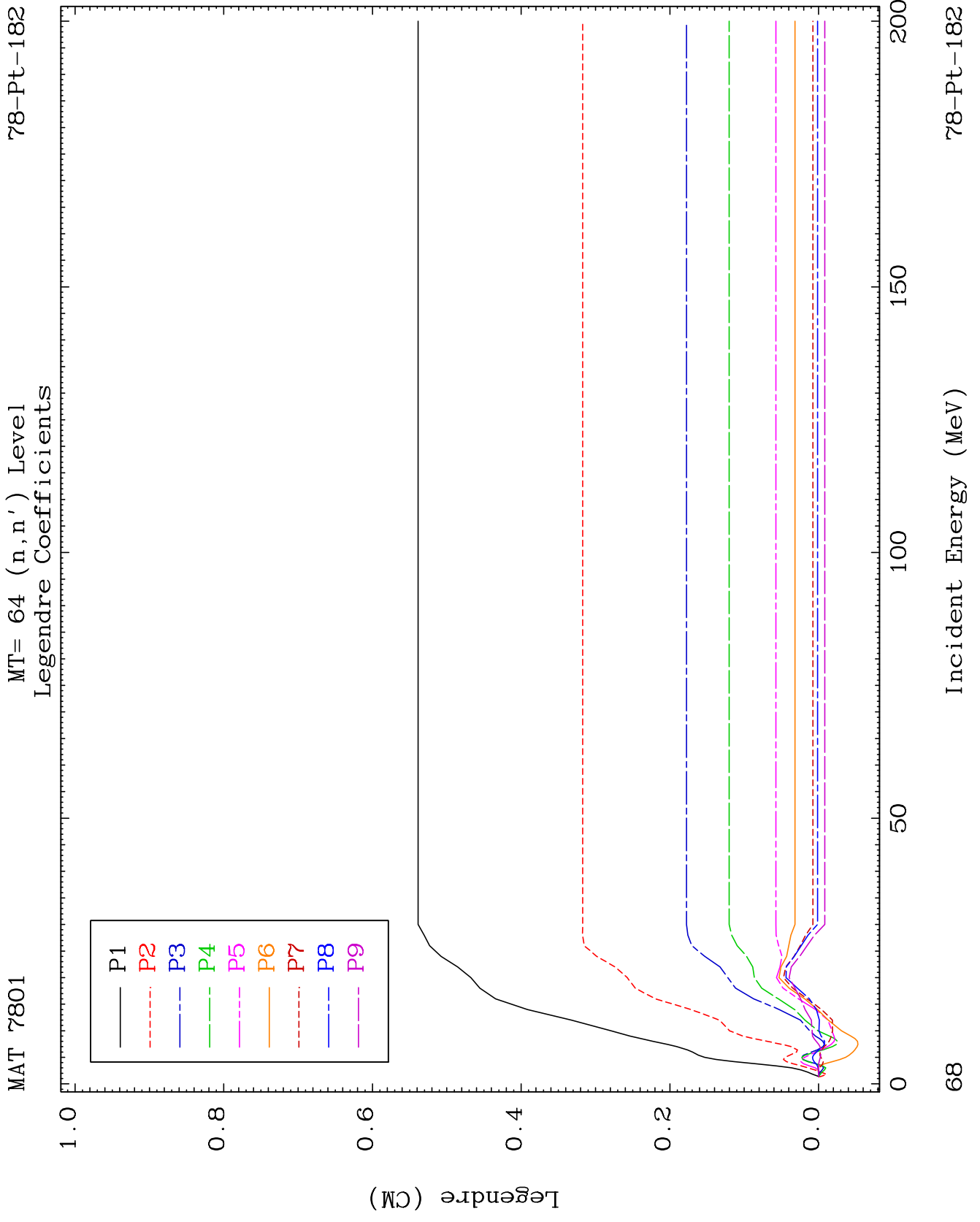


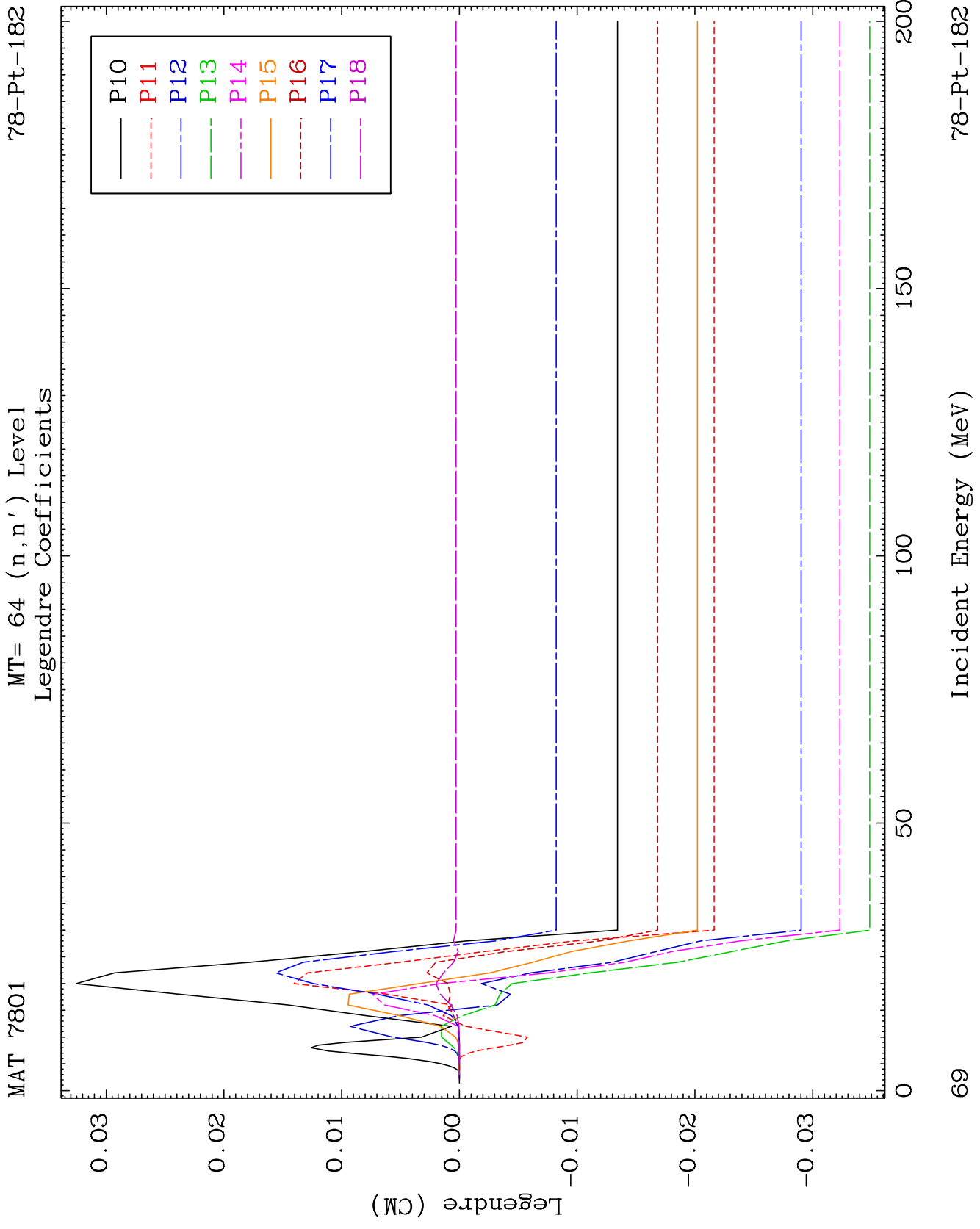
66

Incident Energy (MeV)

78-Pt-182





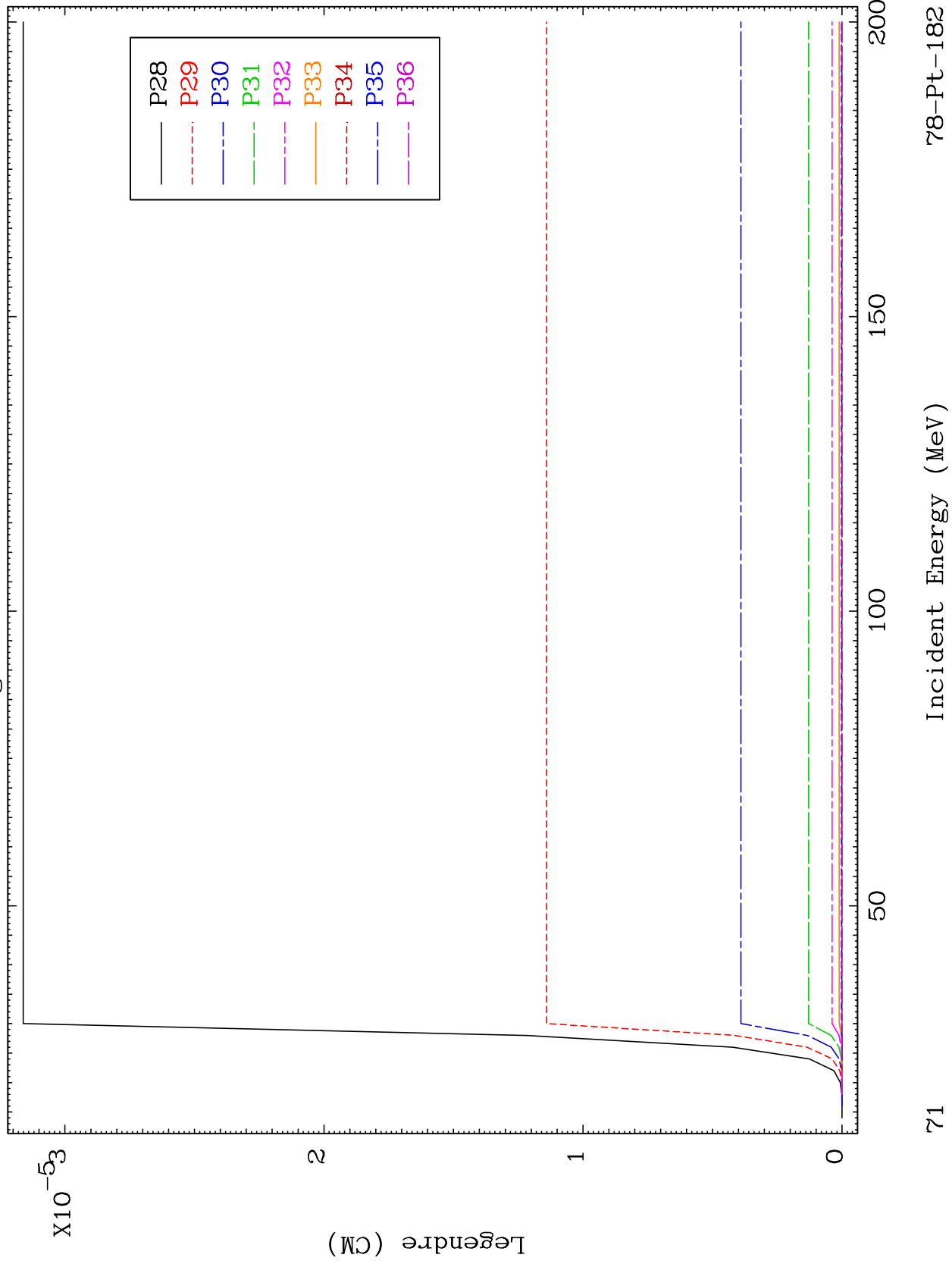




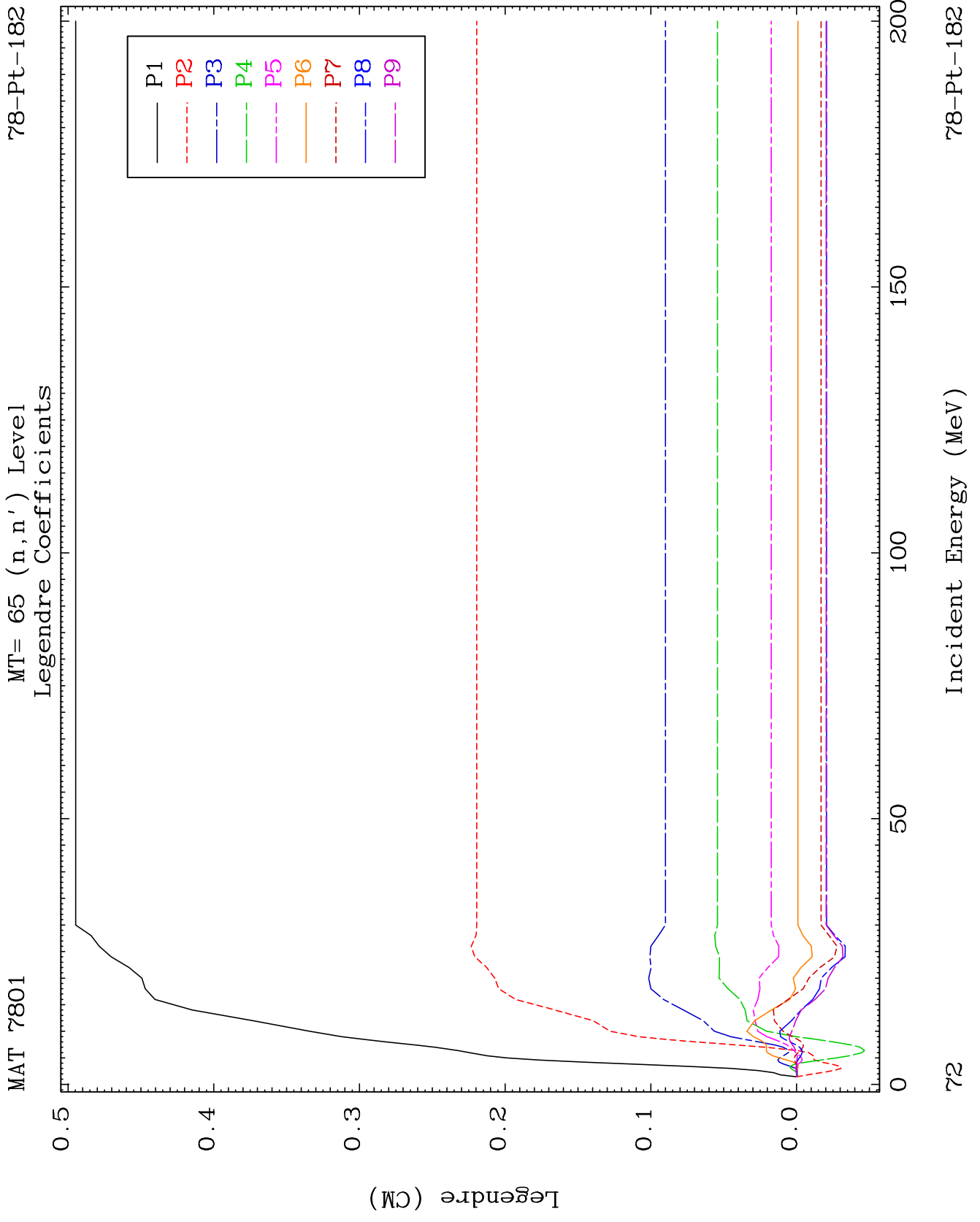
MAT 7801

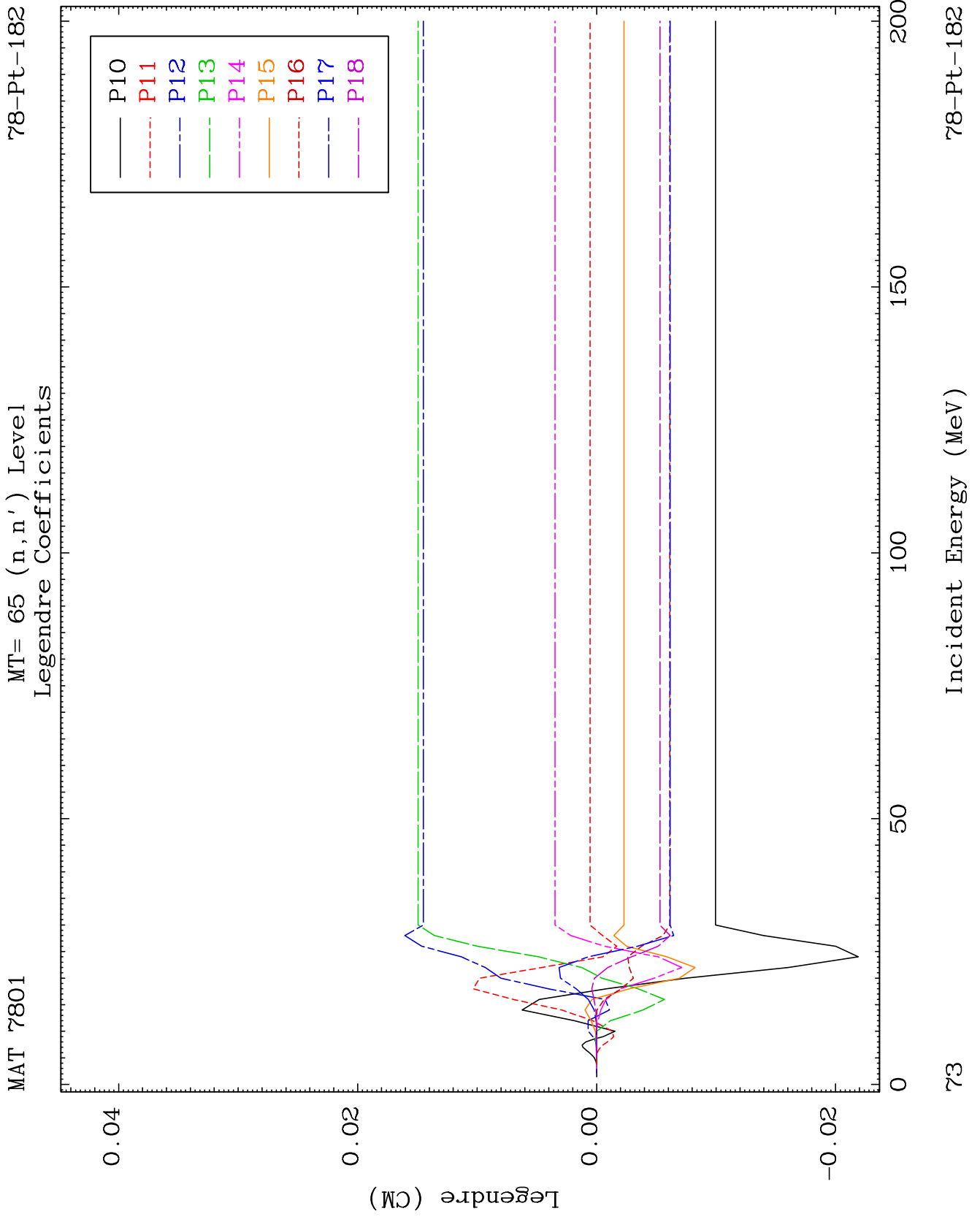
MT= 64 (n,n') Level  
Legendre Coefficients

78-Pt-182





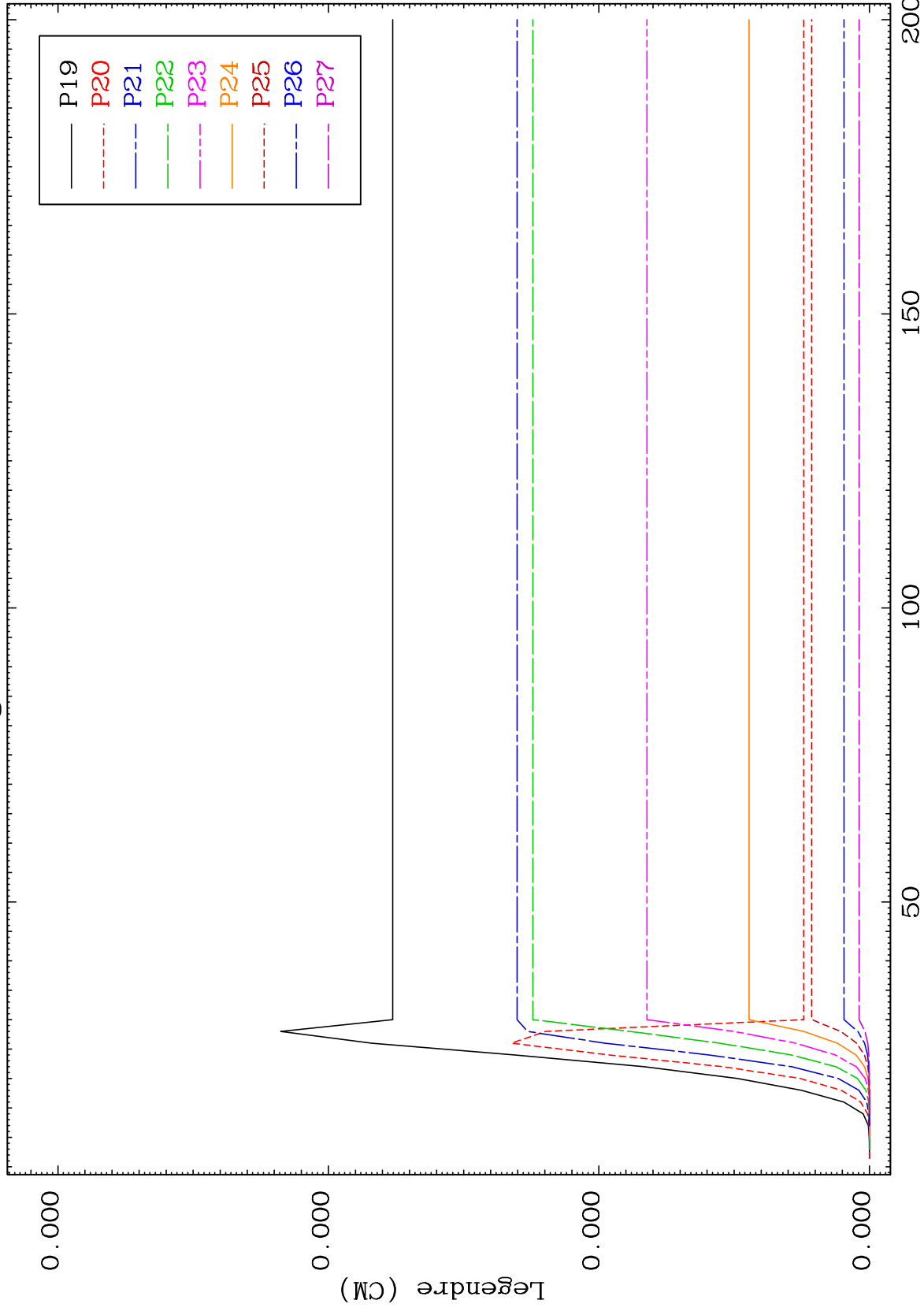




MAT 7801

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

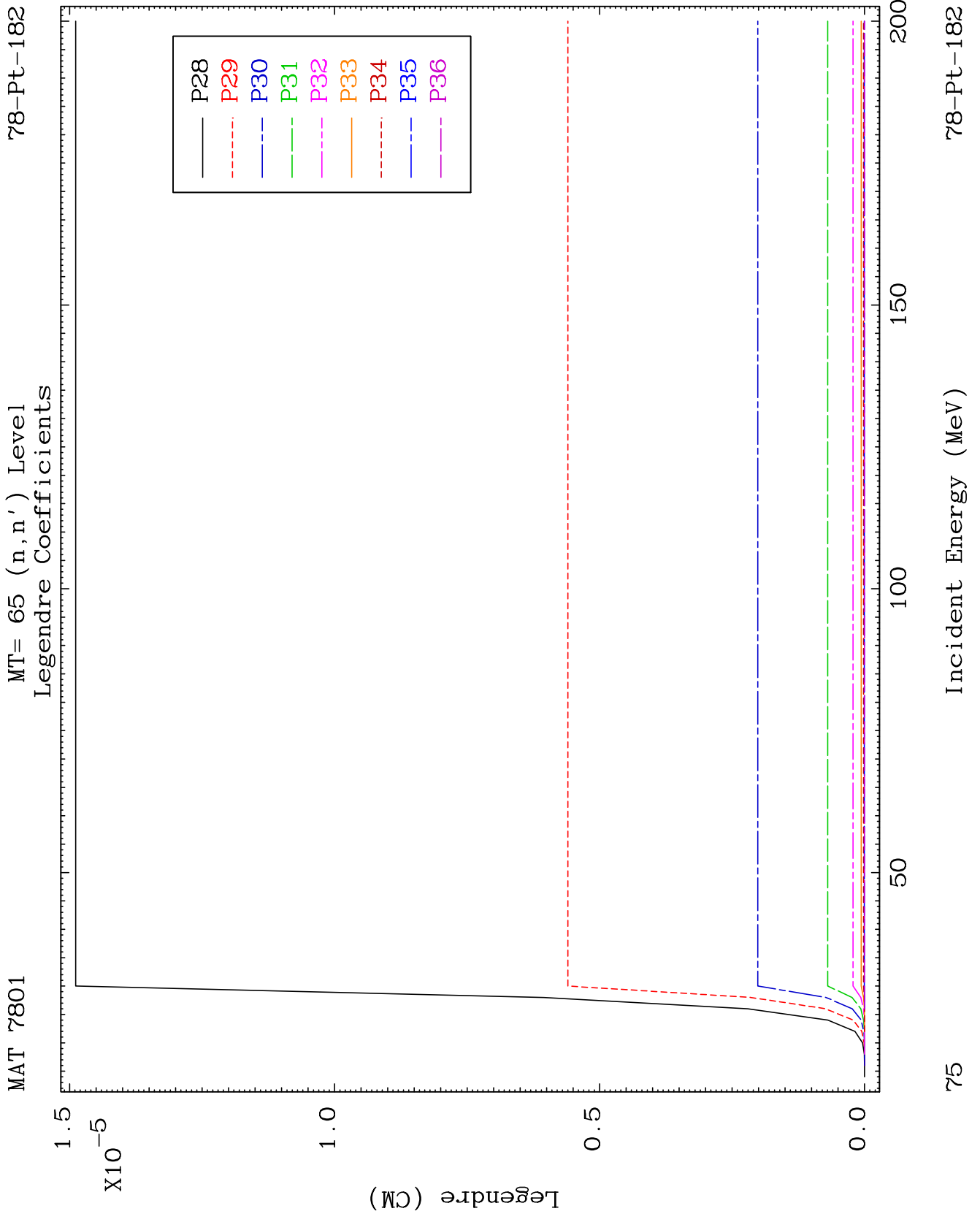
78-Pt-182



74

Incident Energy (MeV)

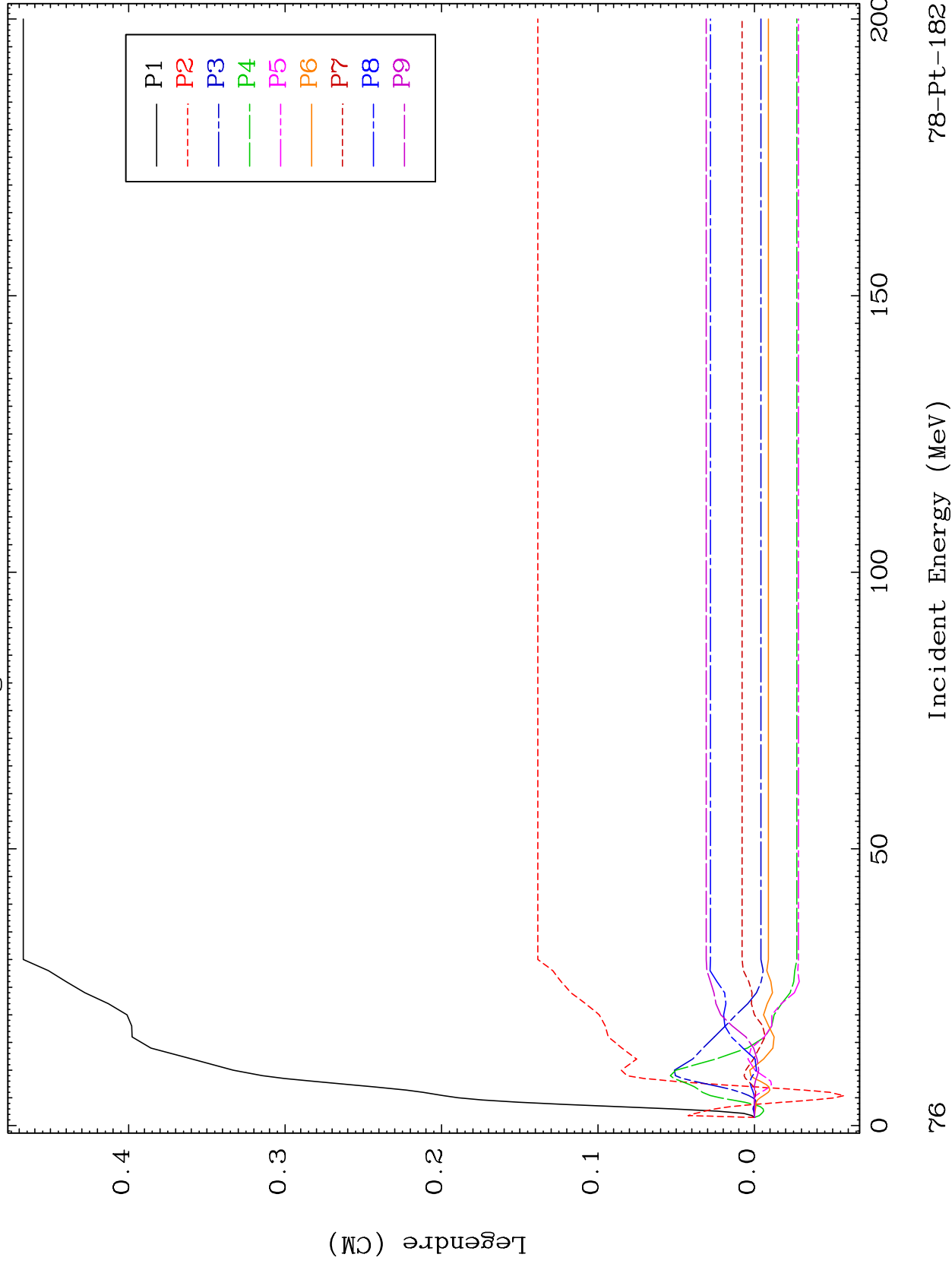
78-Pt-182



MAT 7801

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

78-Pt-182



78-Pt-182

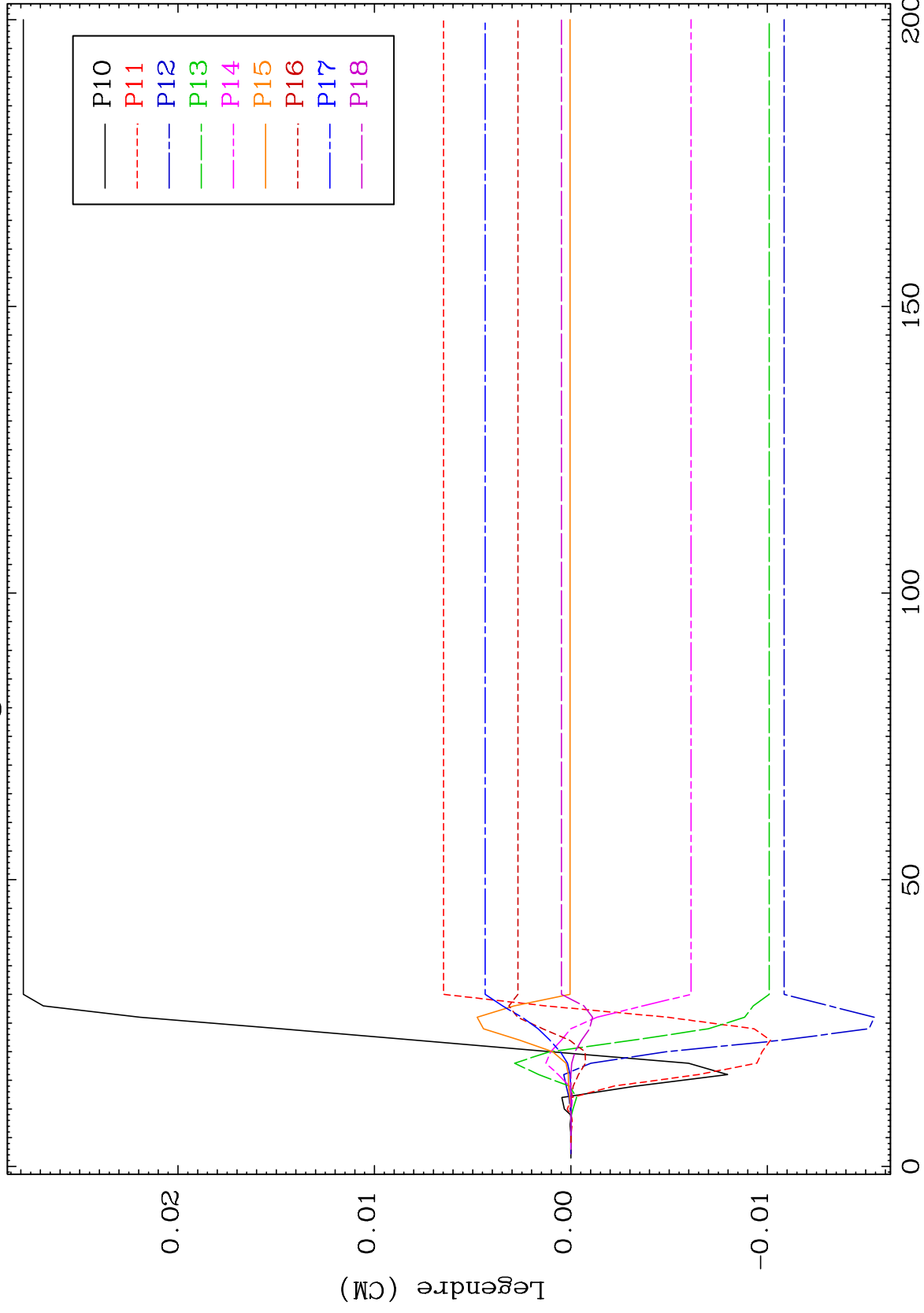
Incident Energy (MeV)

76

MAT 7801

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

78-Pt-182



77

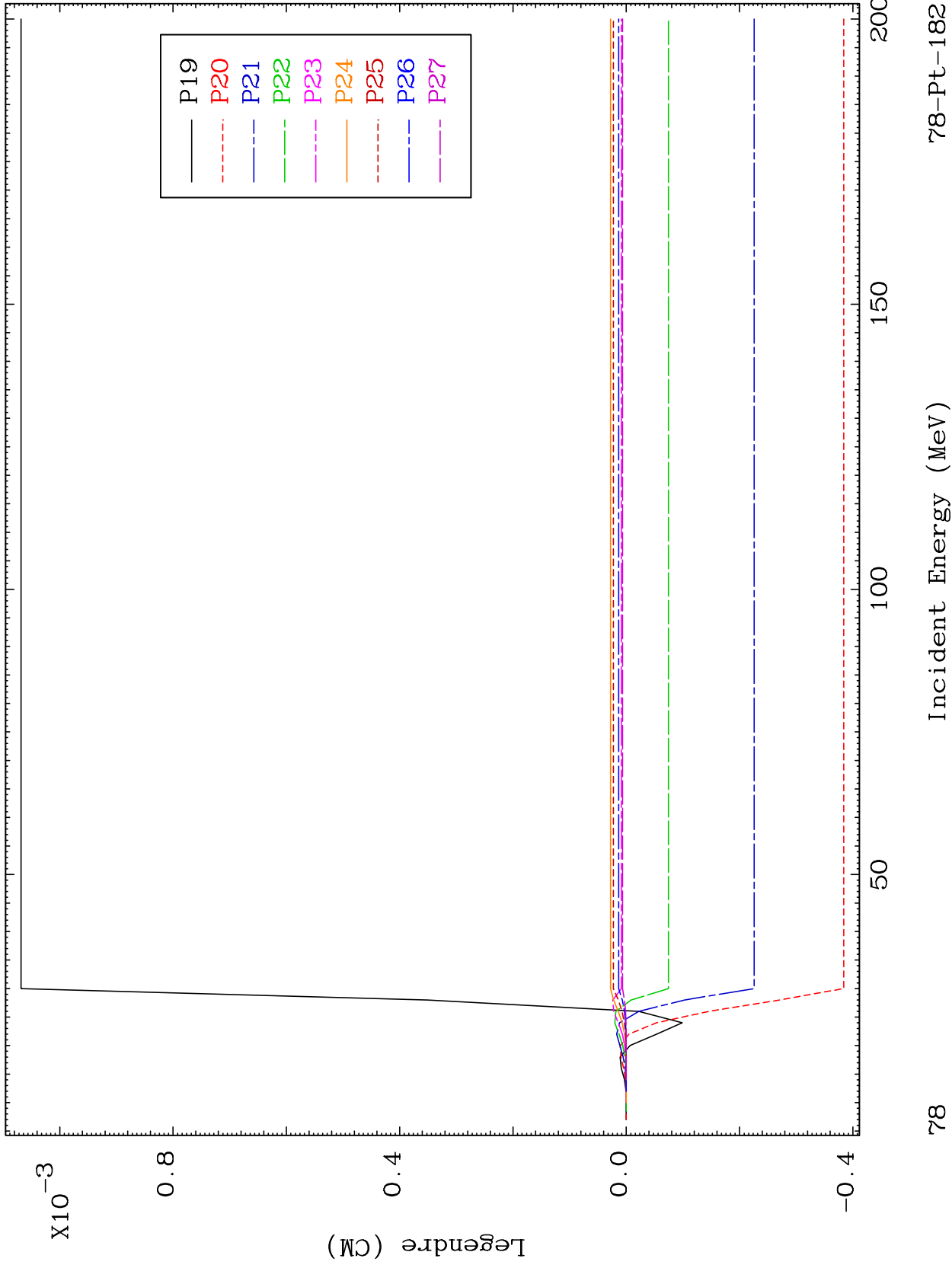
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

78-Pt-182



78

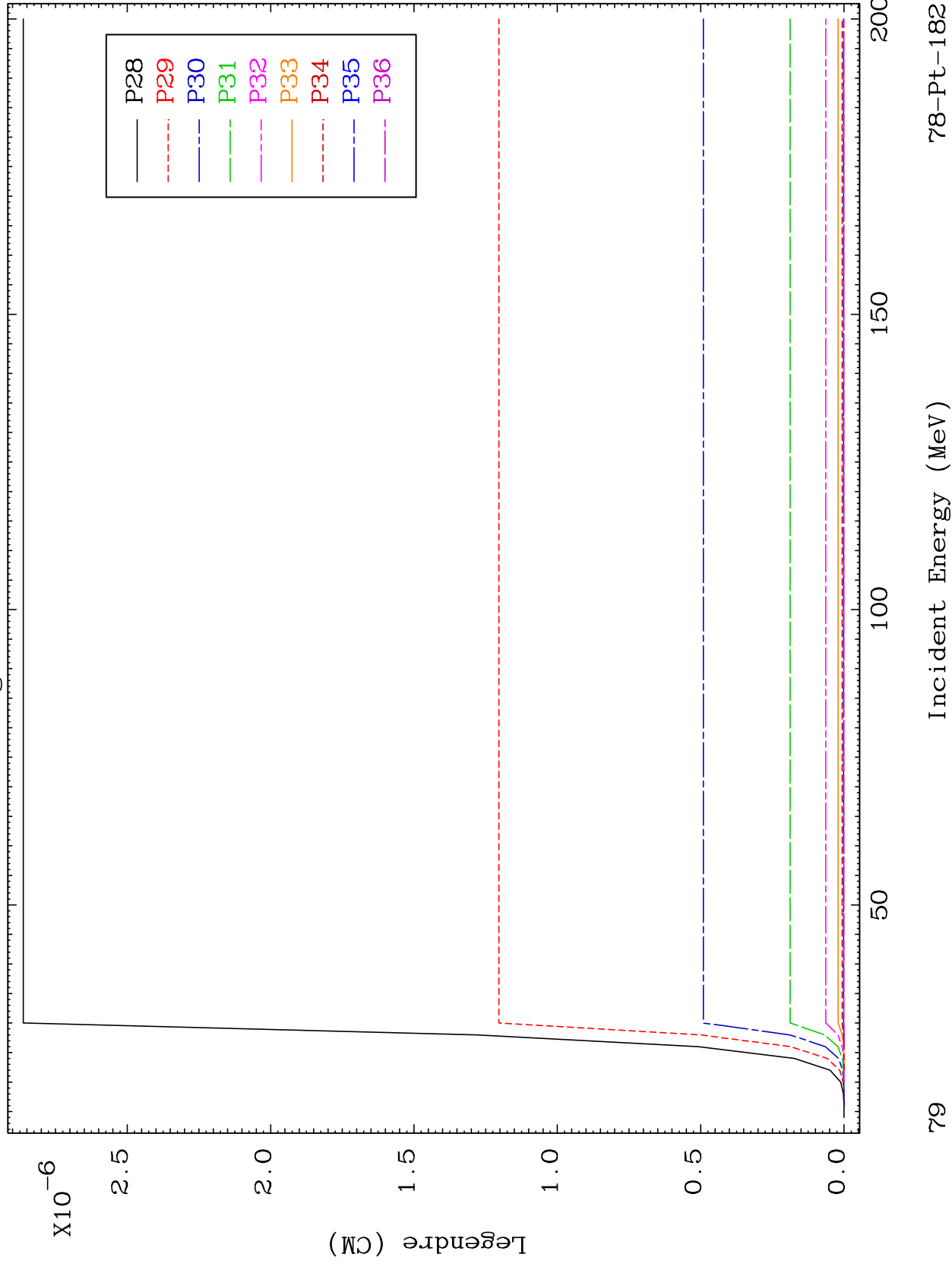
Incident Energy (MeV)

78-Pt-182

MAT 7801

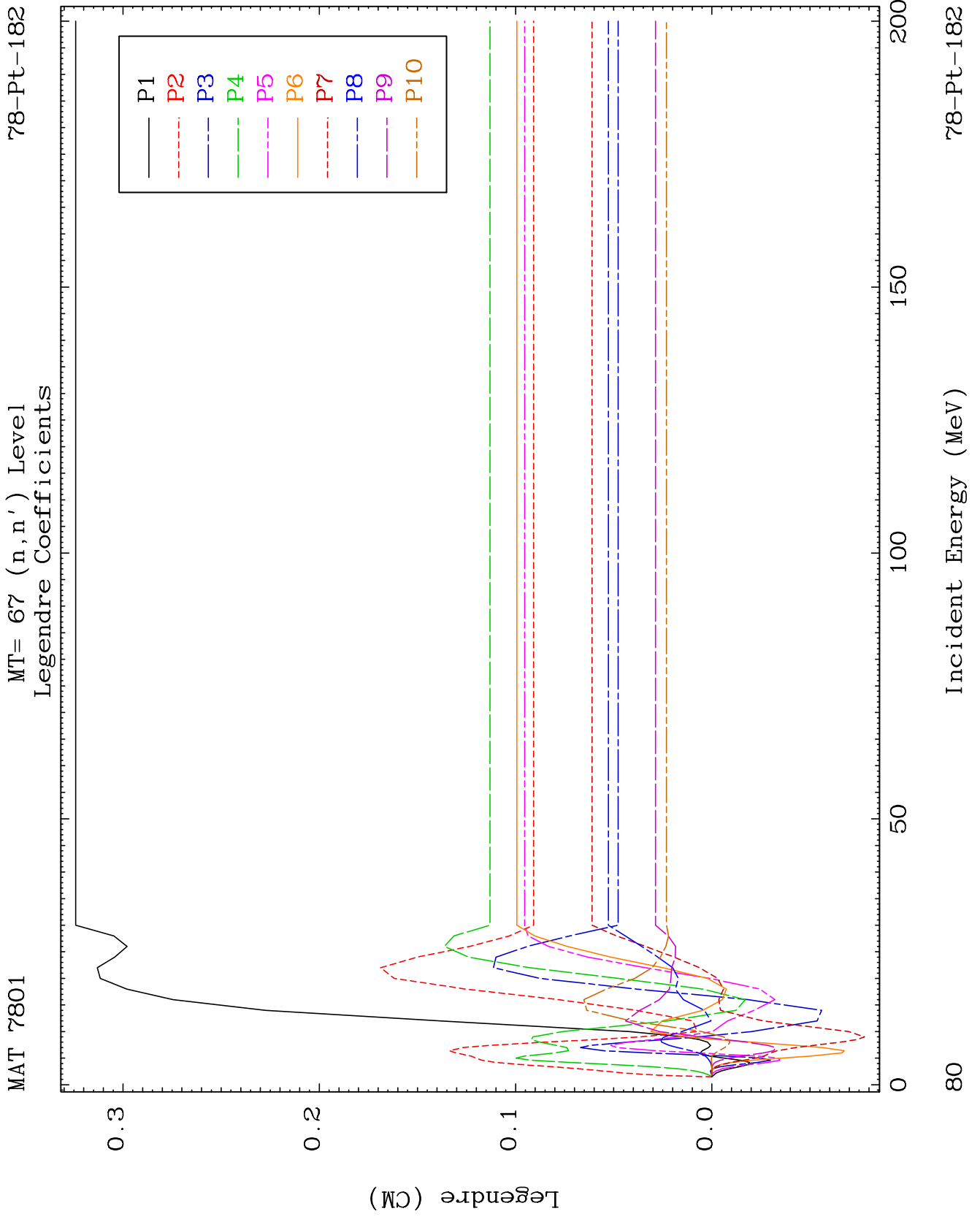
MT= 66 (n,n') Level  
Legendre Coefficients

78-Pt-182

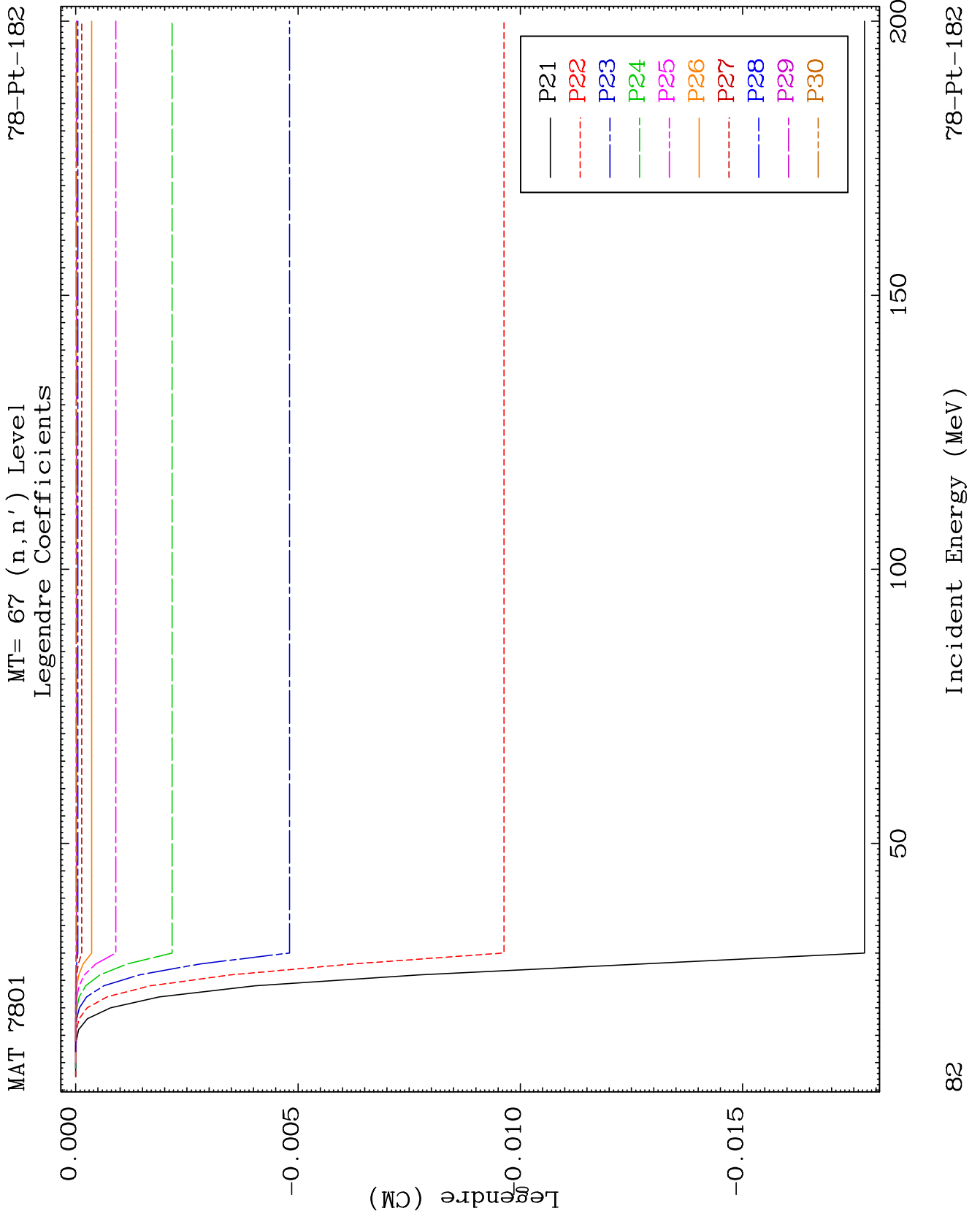


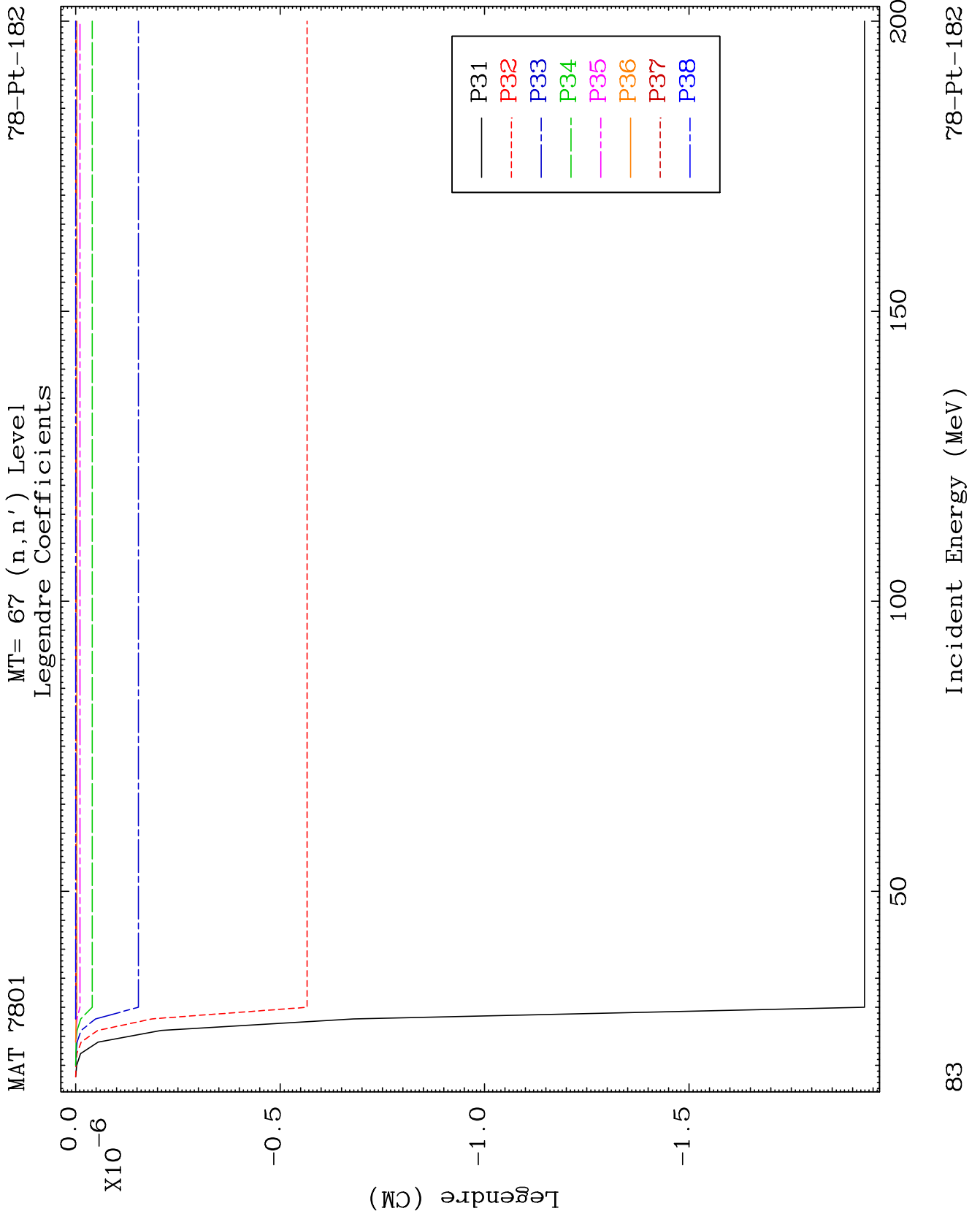
79







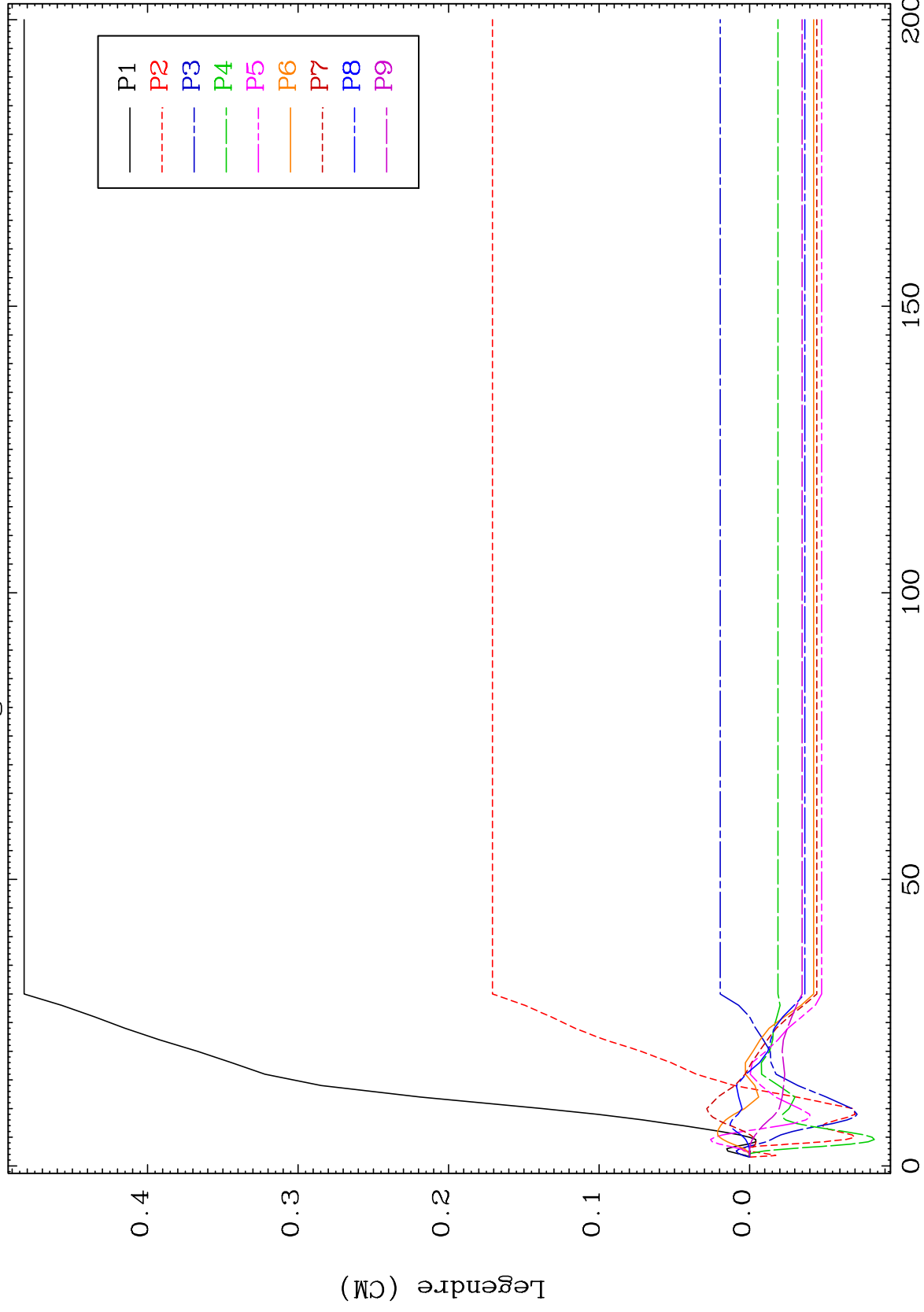




MAT 7801

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

78-Pt-182



84

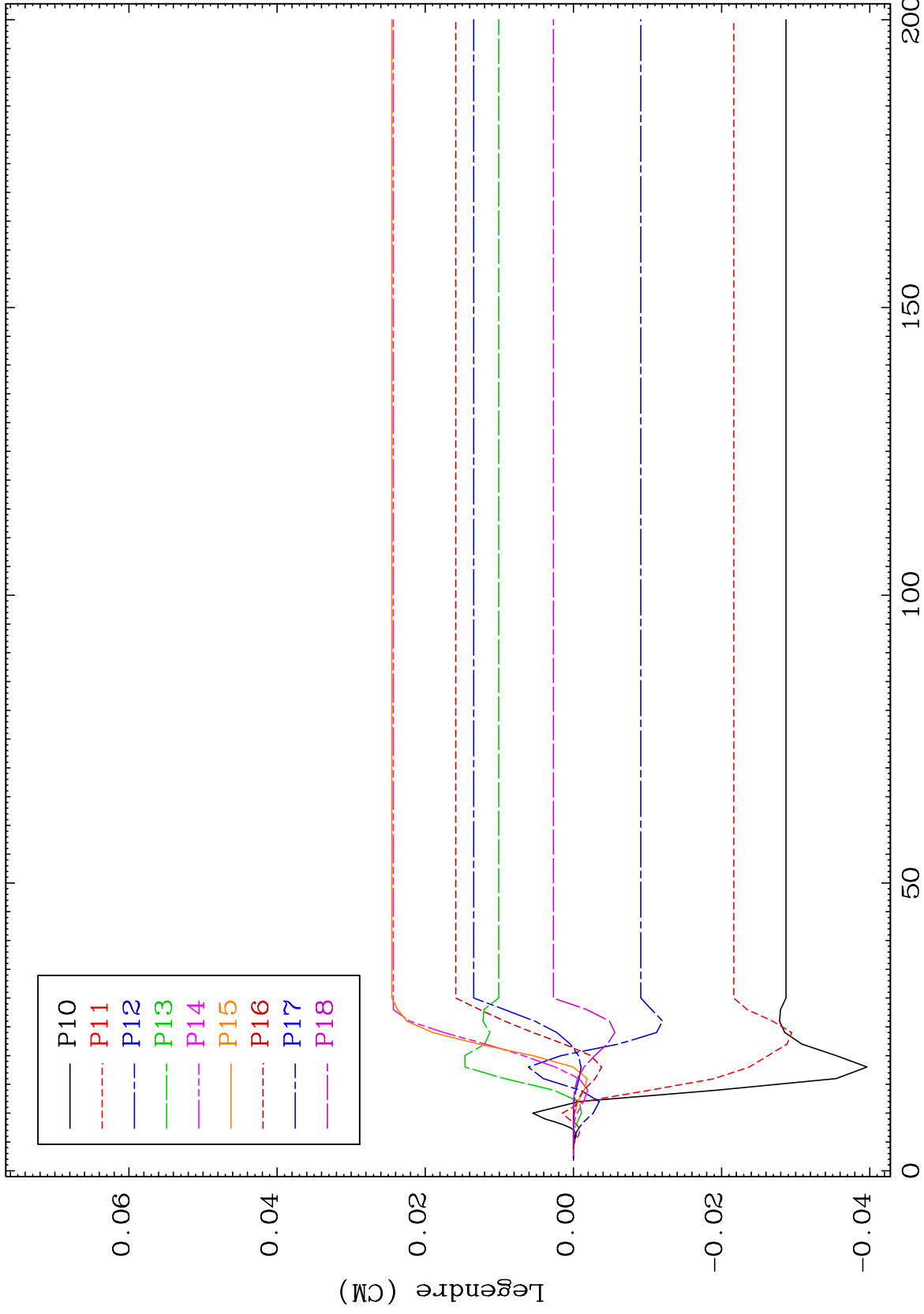
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

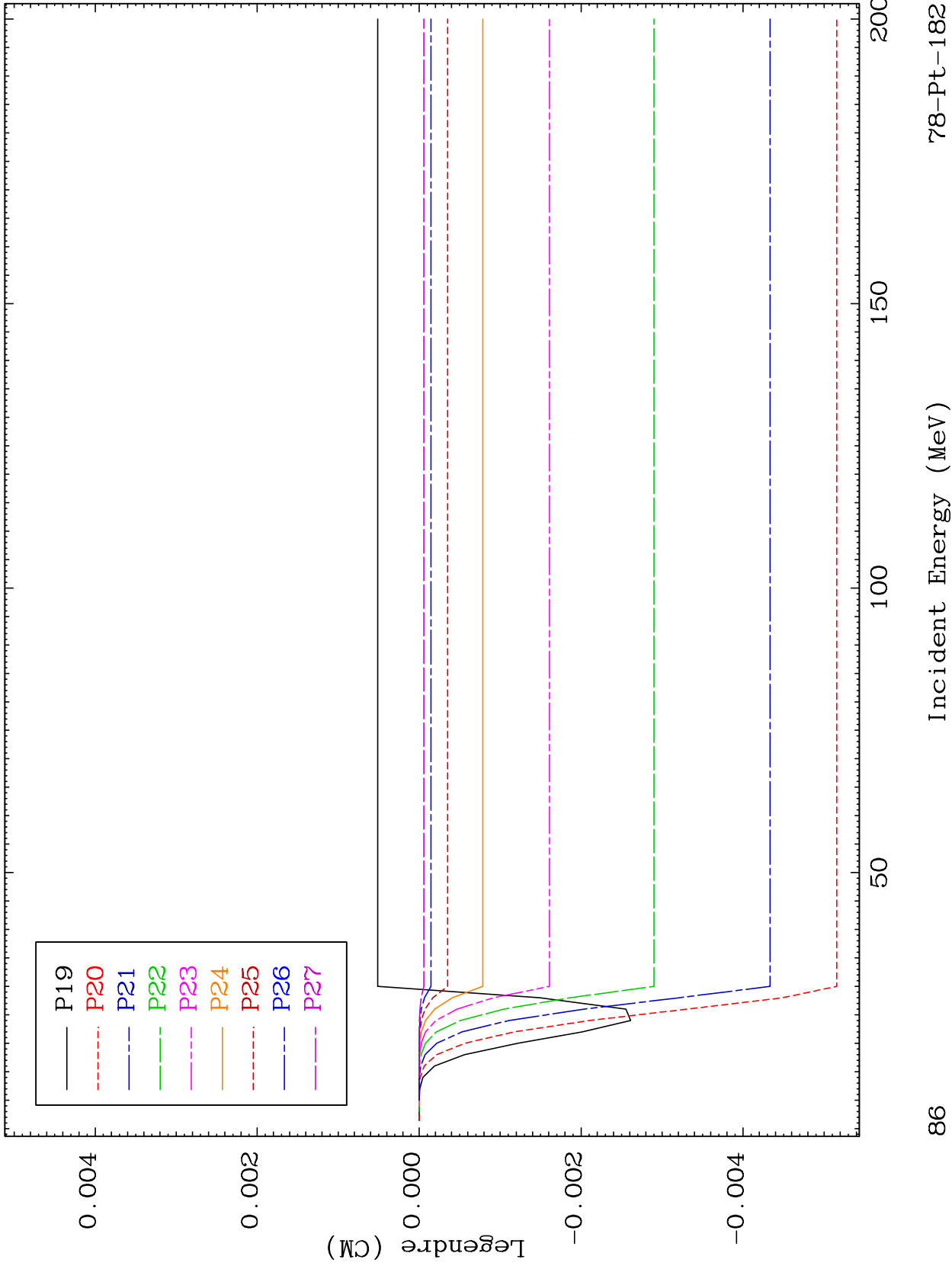
78-Pt-182

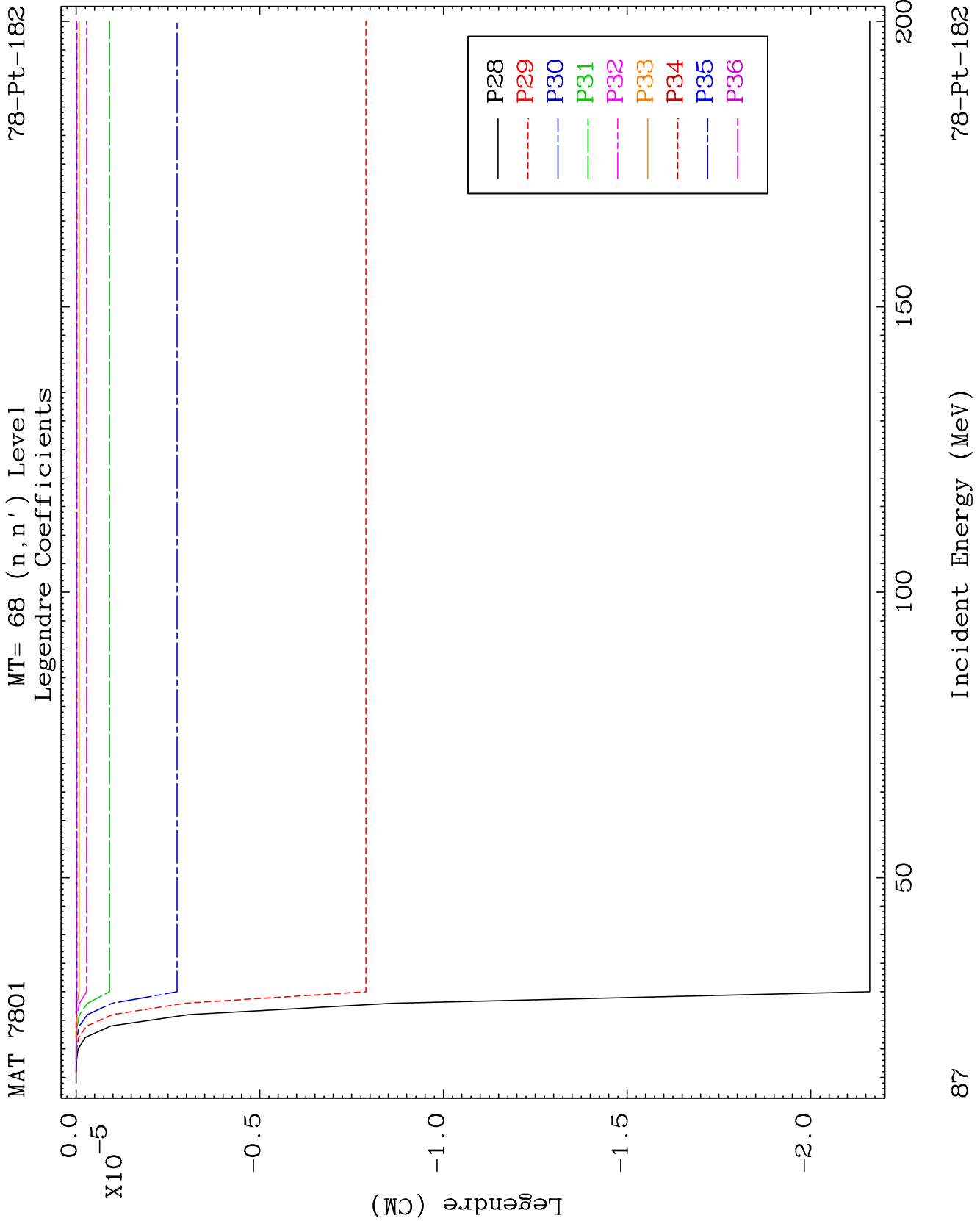


Incident Energy (MeV)

78-Pt-182

85



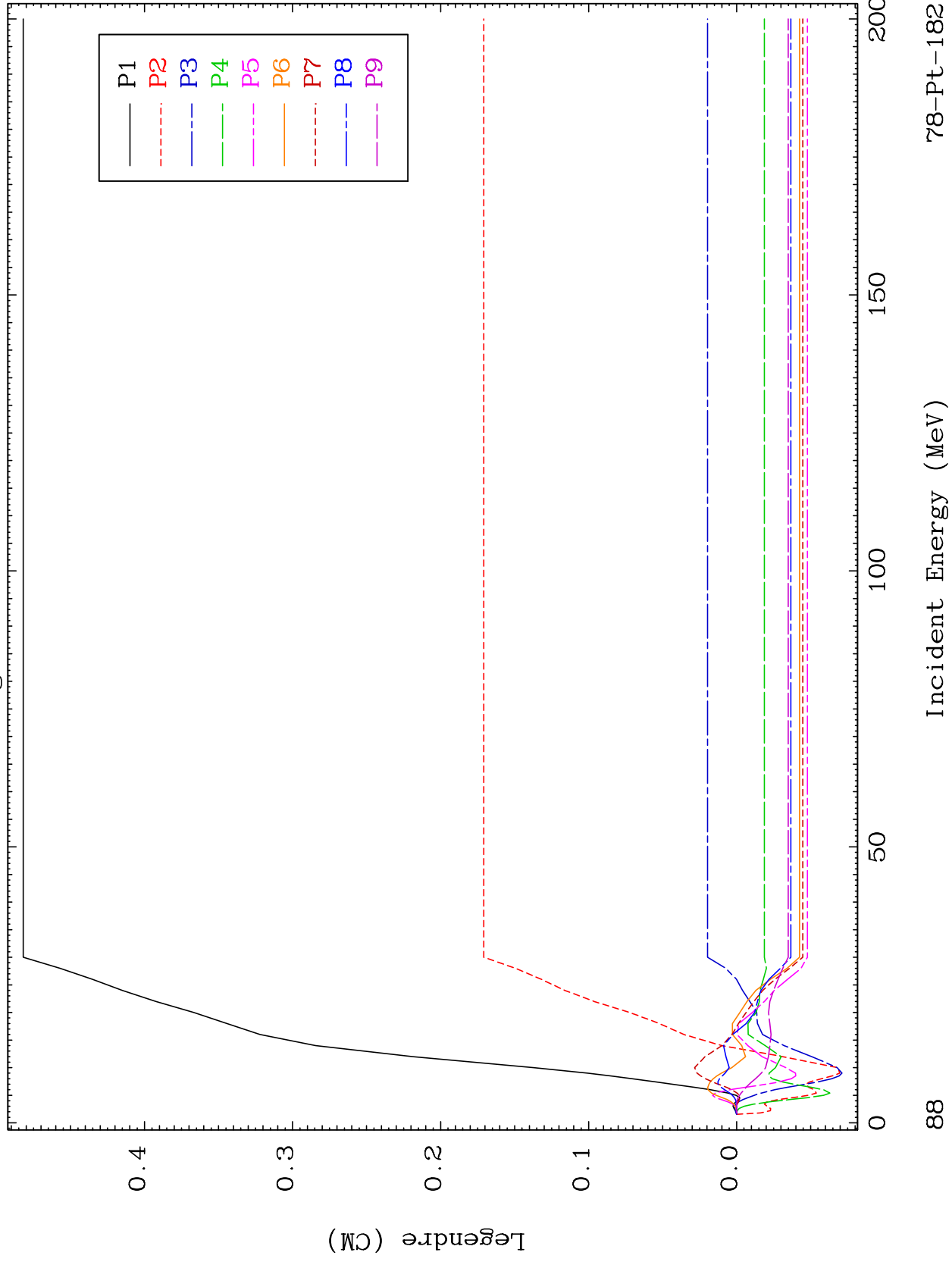




MAT 7801

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

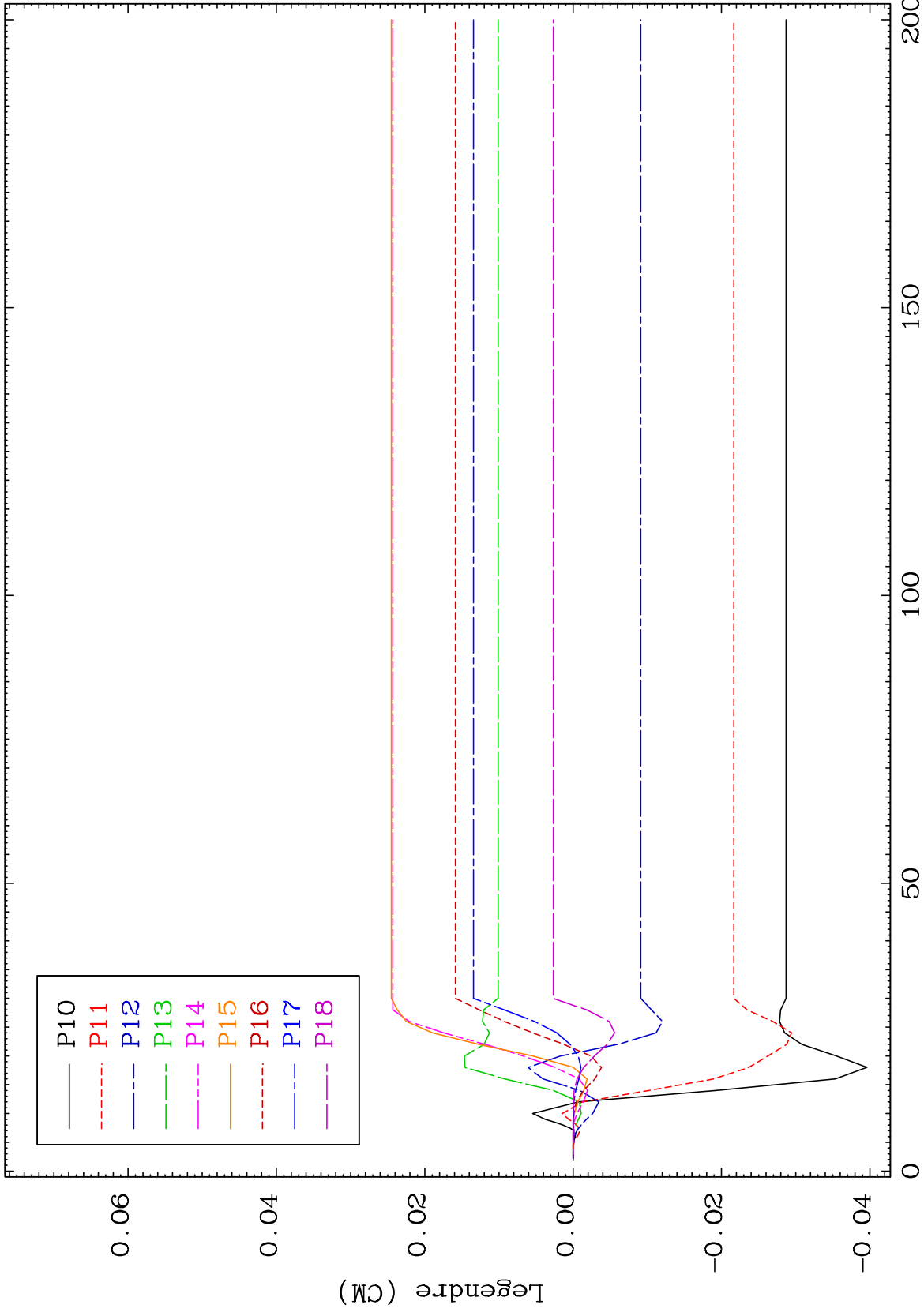
78-Pt-182



MAT 7801

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

78-Pt-182



89

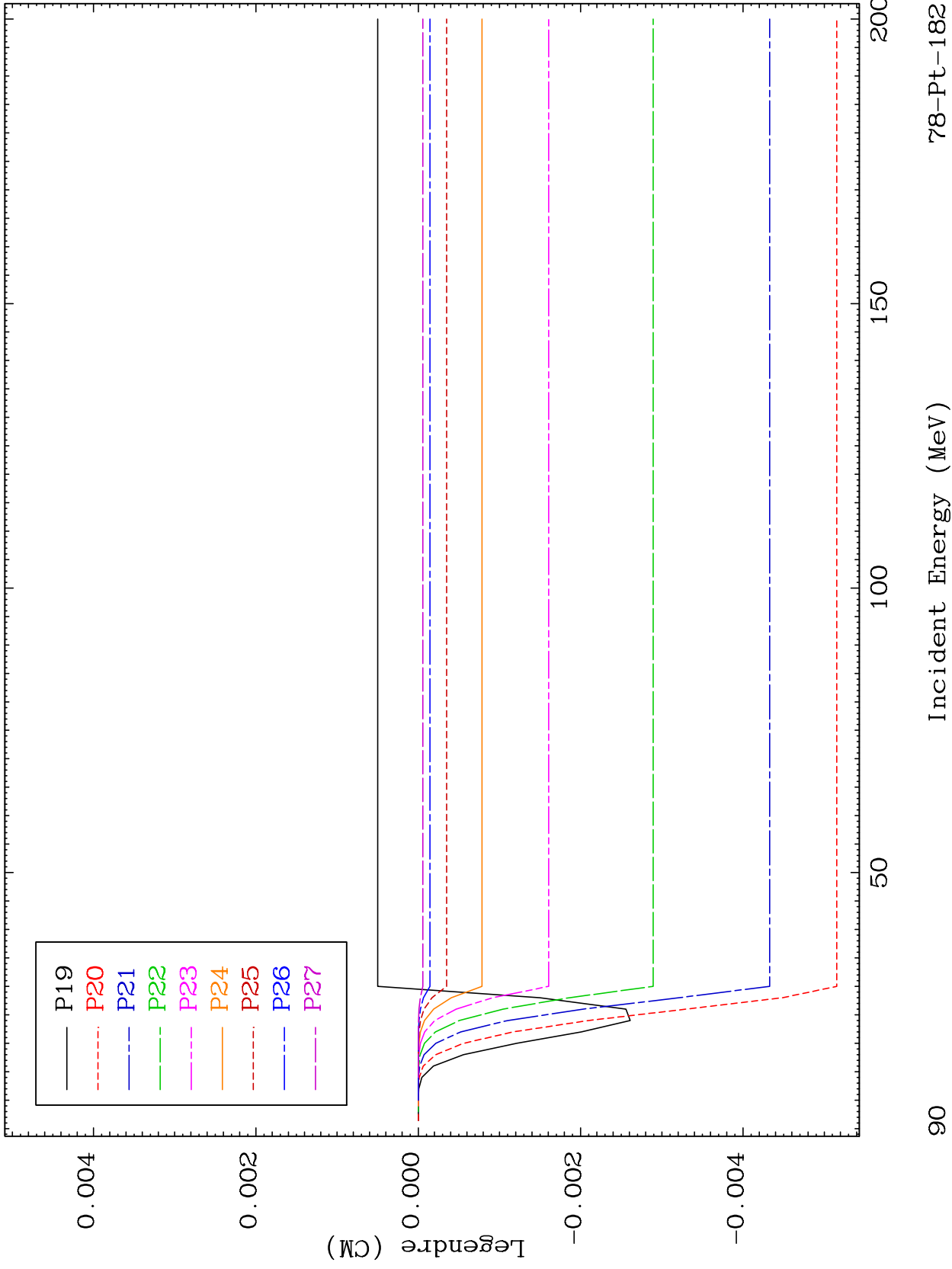
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

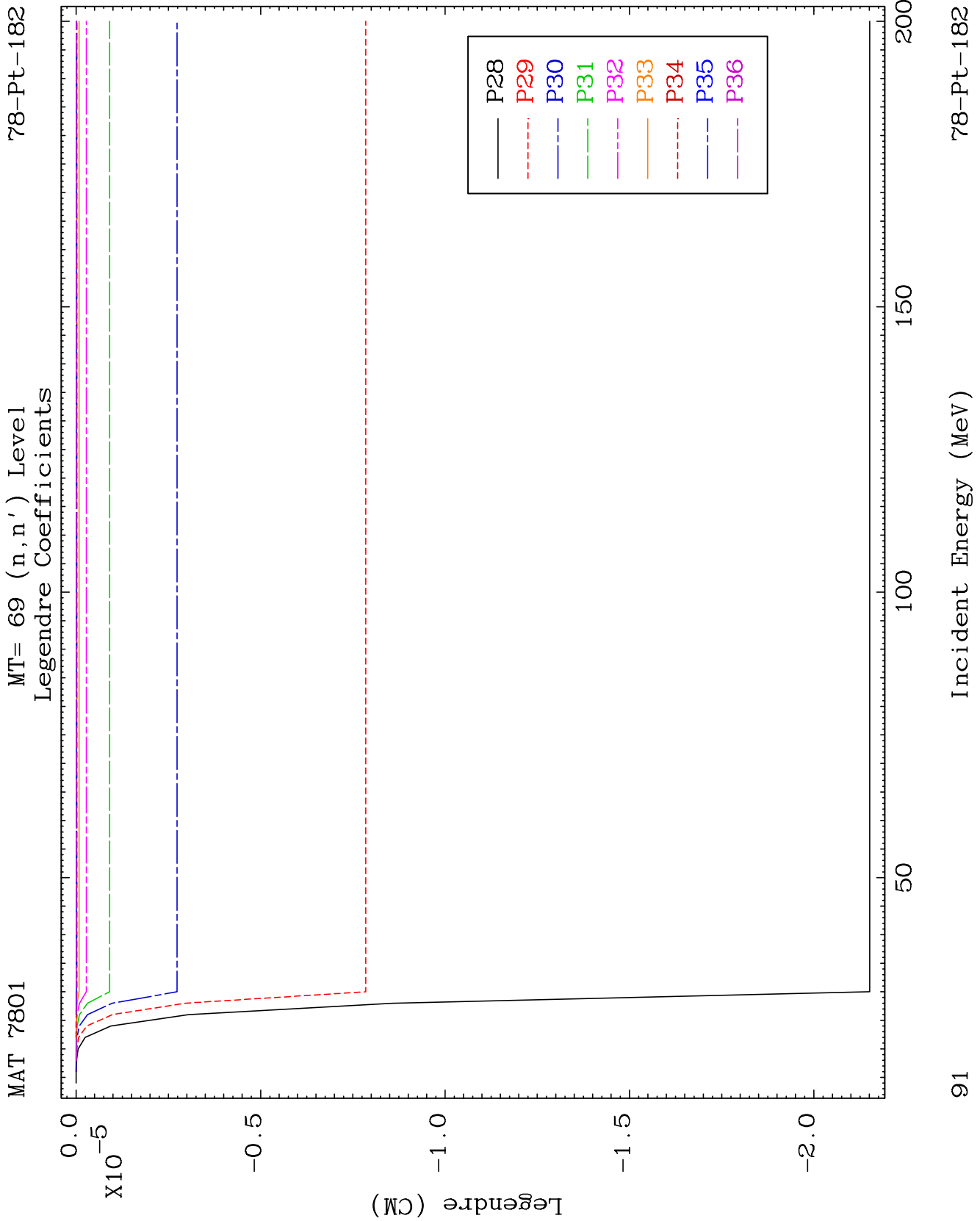
78-Pt-182

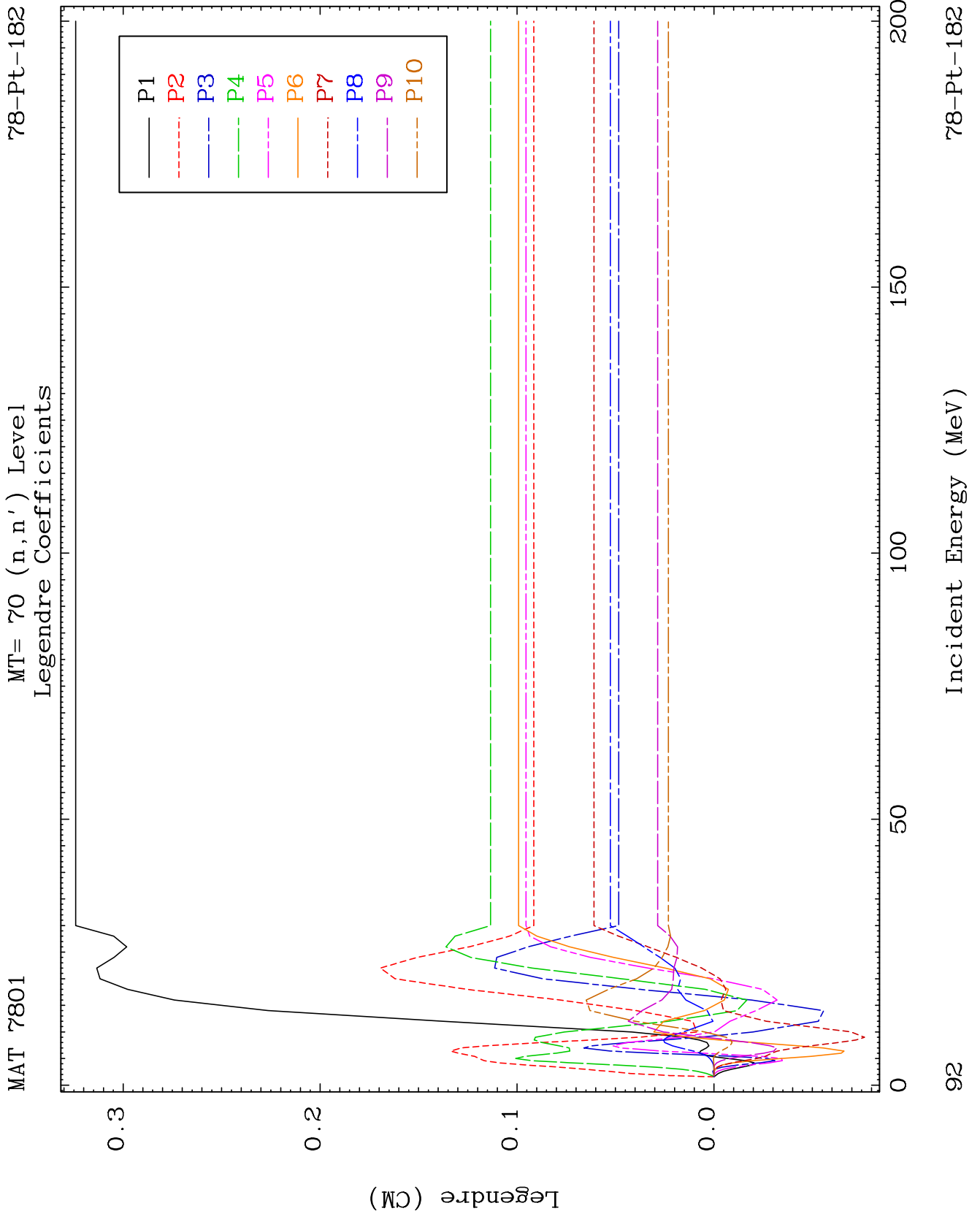


90

Incident Energy (MeV)

78-Pt-182

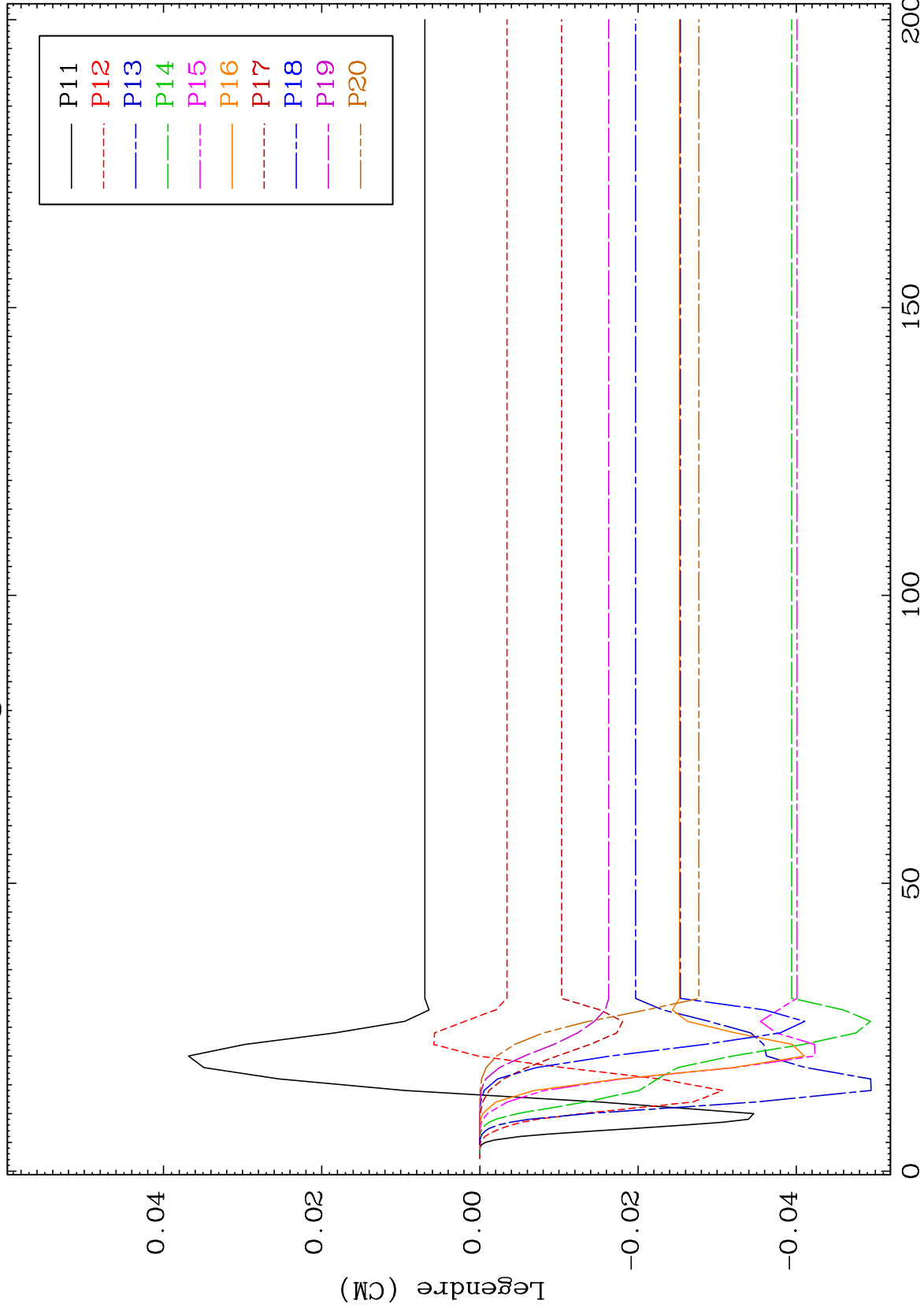




MAT 7801

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

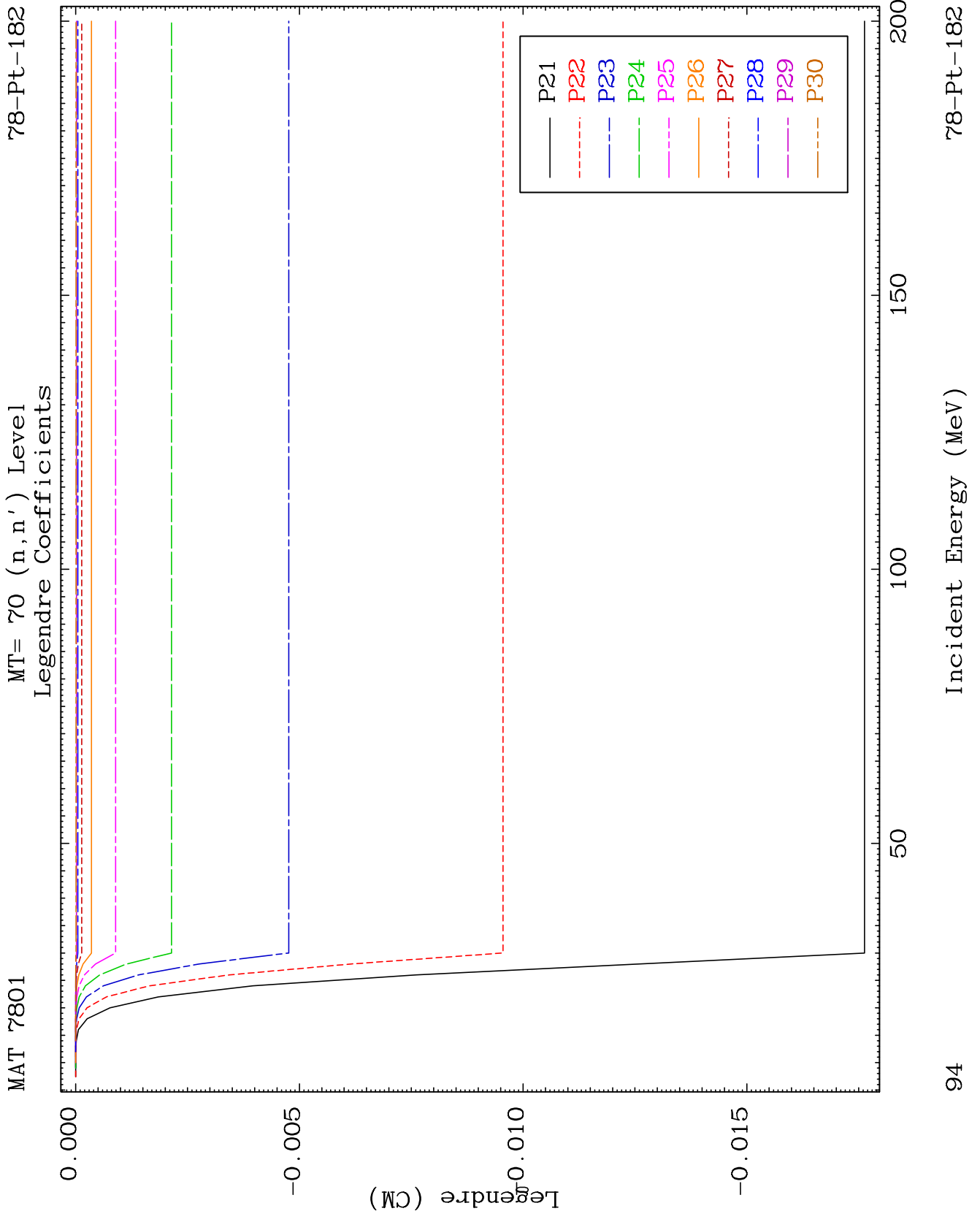
78-Pt-182

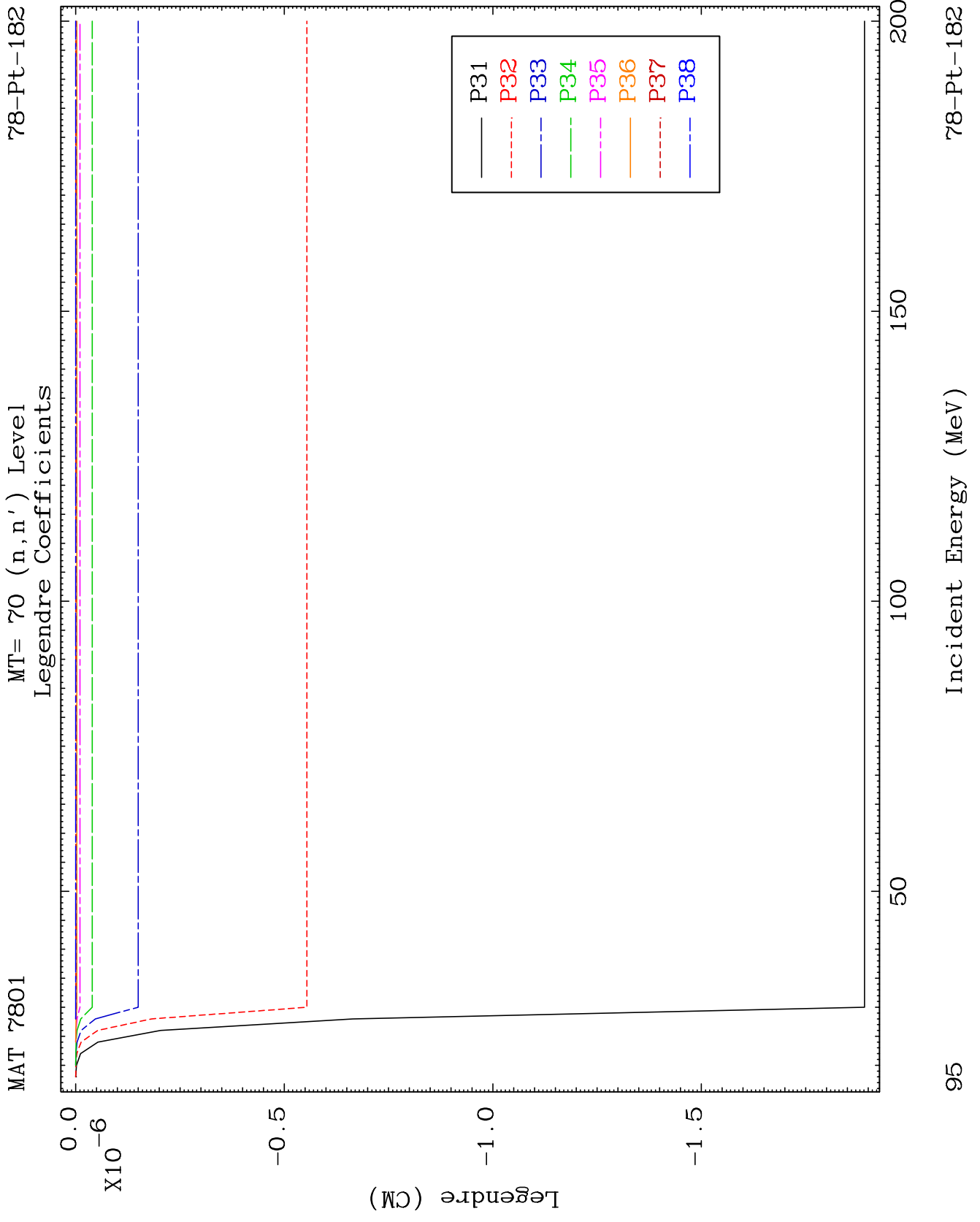


93

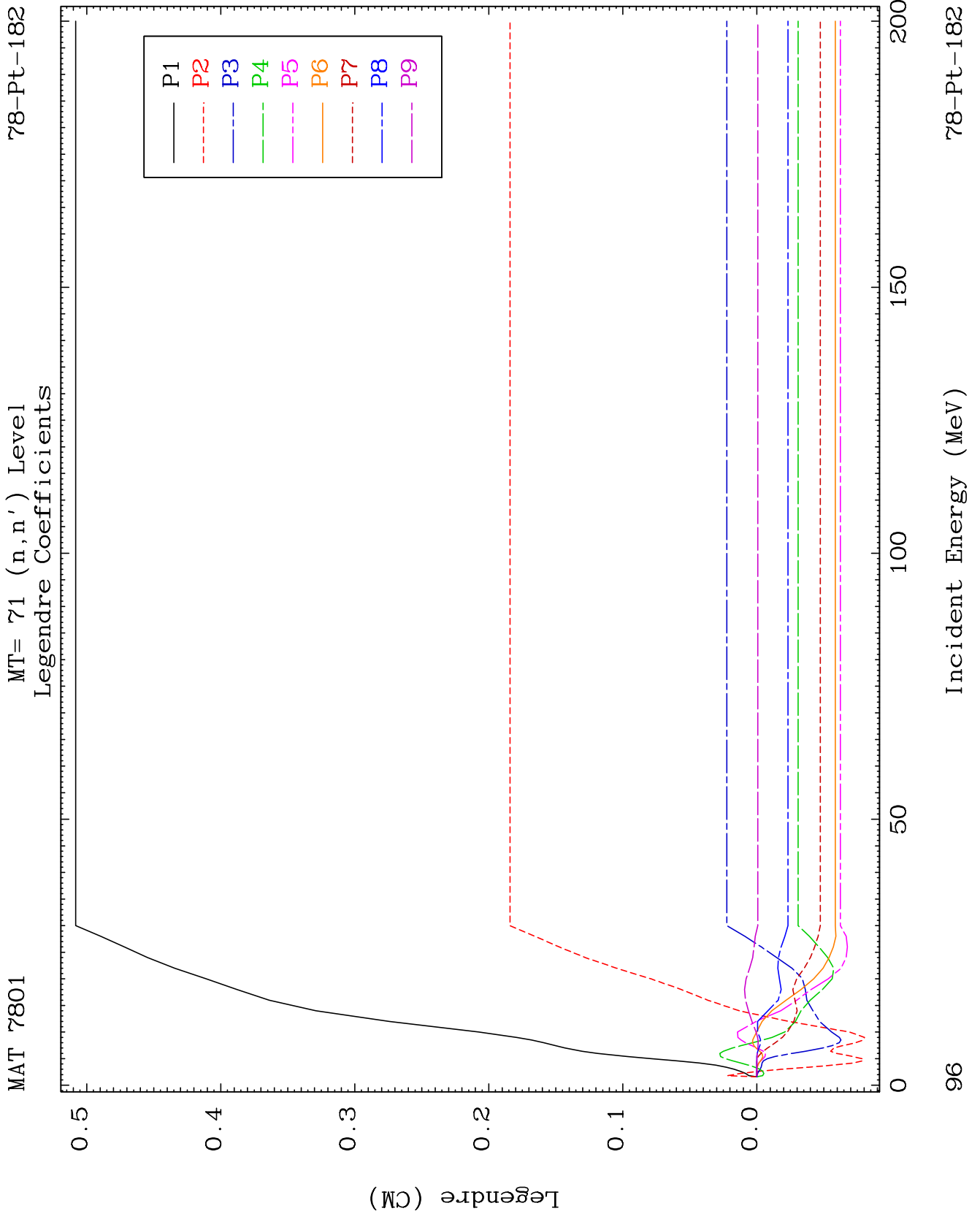
Incident Energy (MeV)

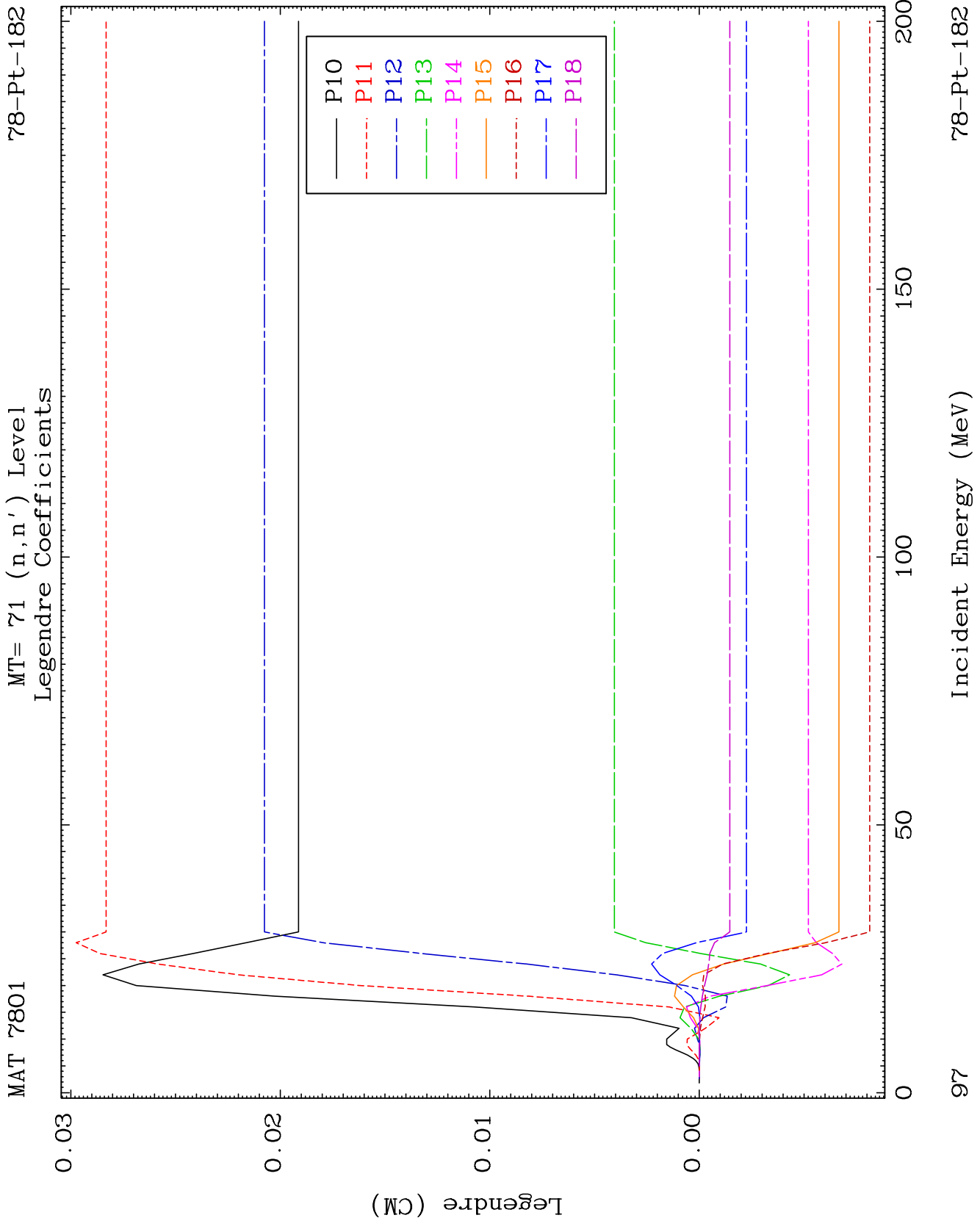
78-Pt-182

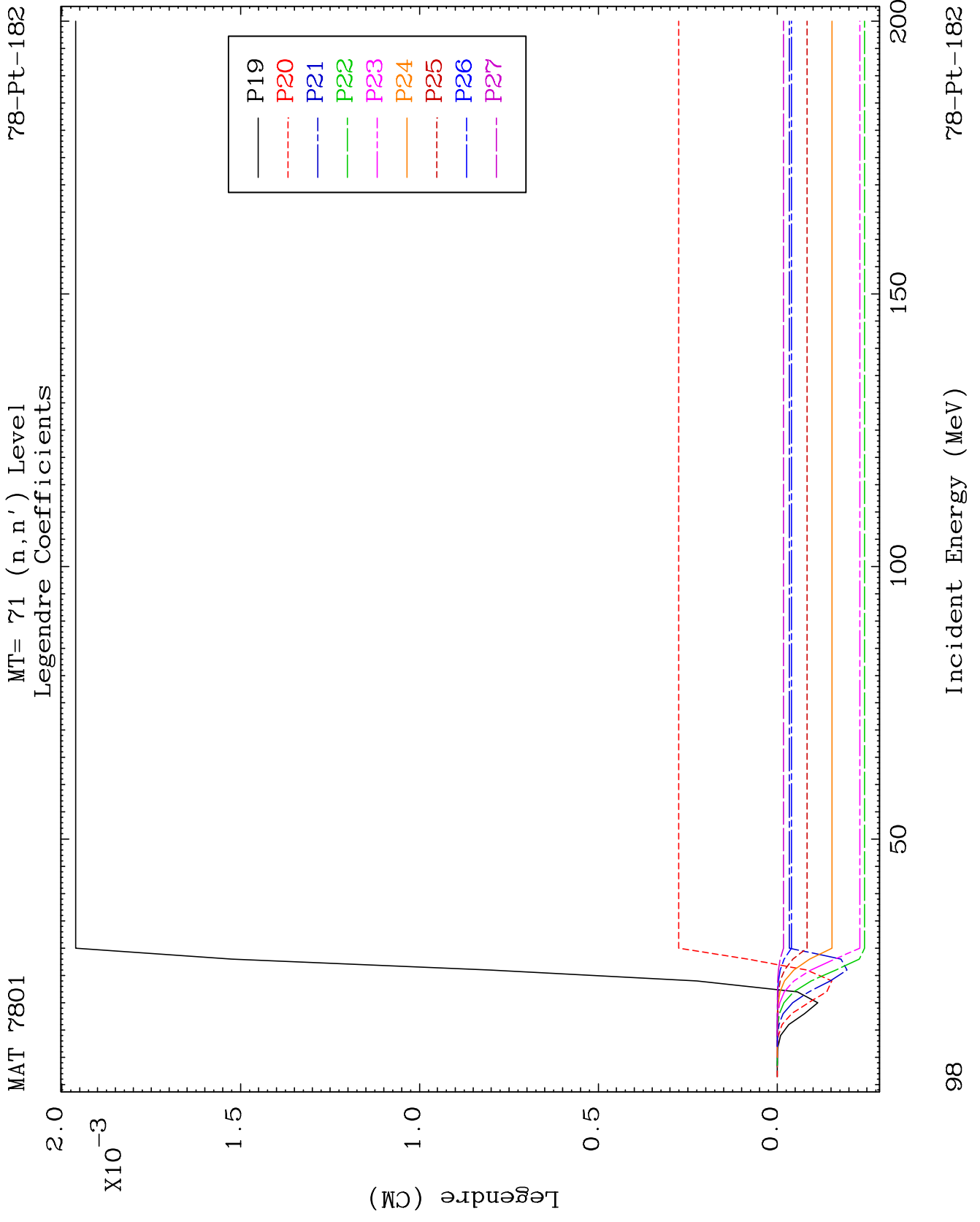










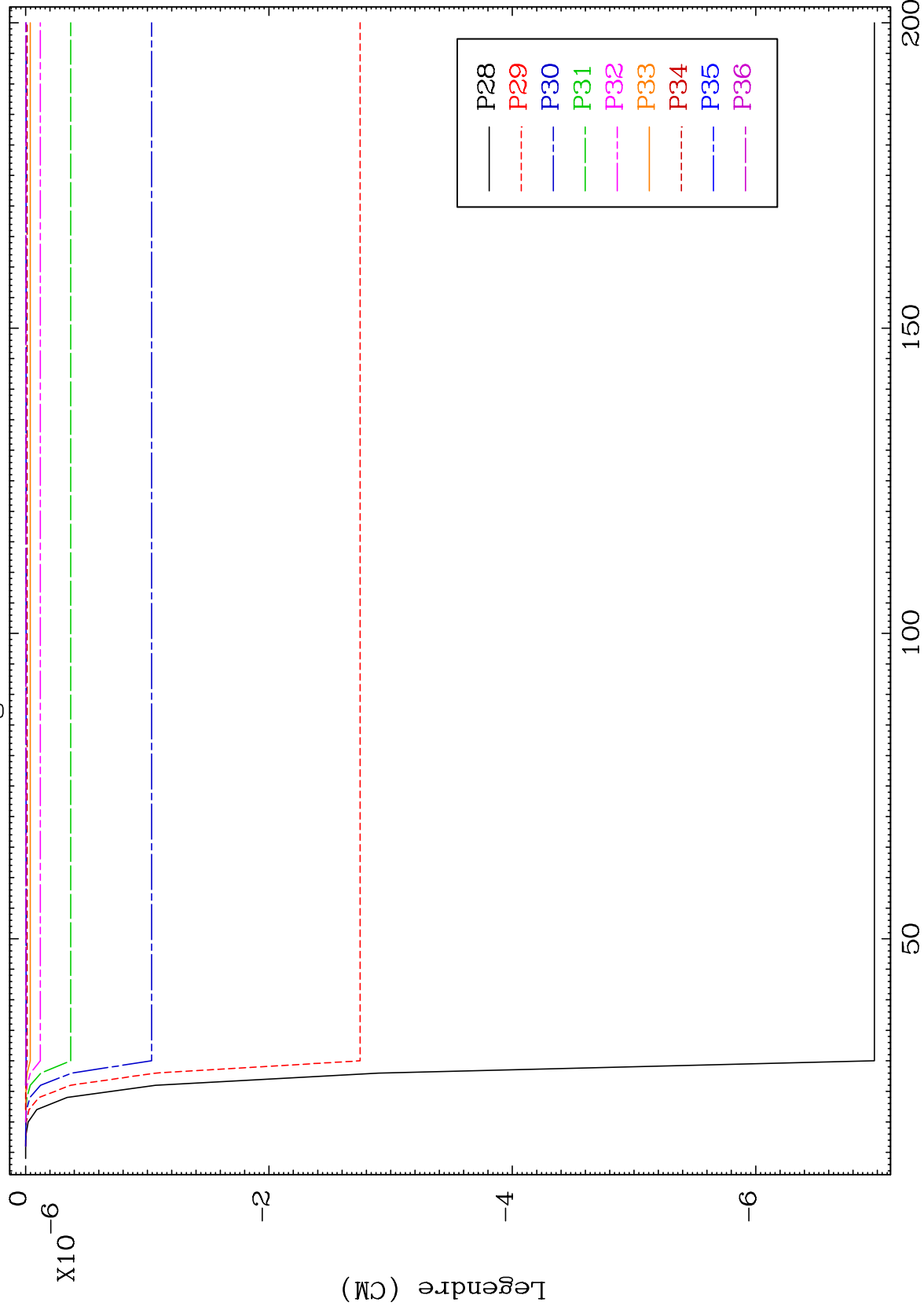


MAT 7801

MT= 71 (n,n') Level

78-Pt-182

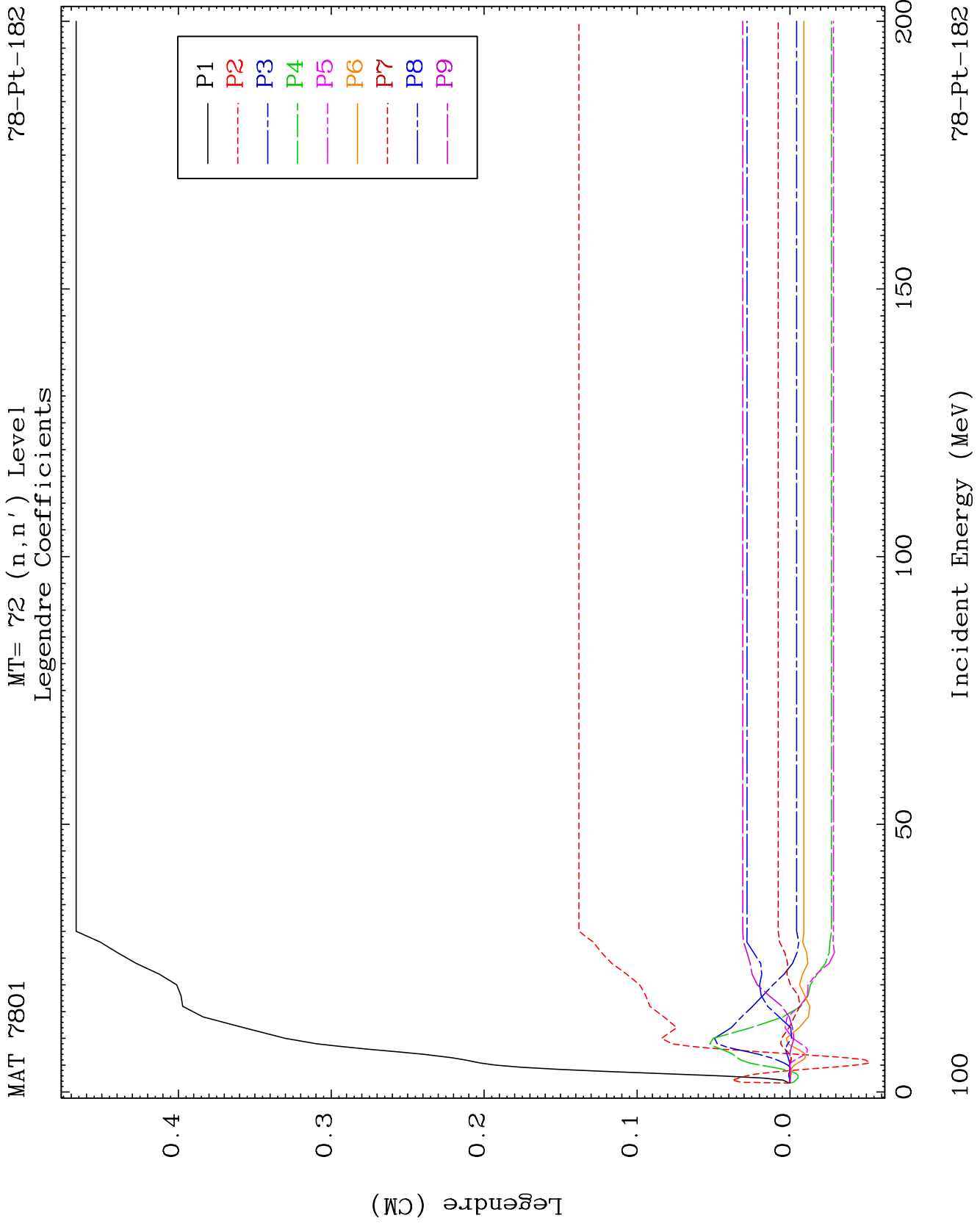
Legendre Coefficients

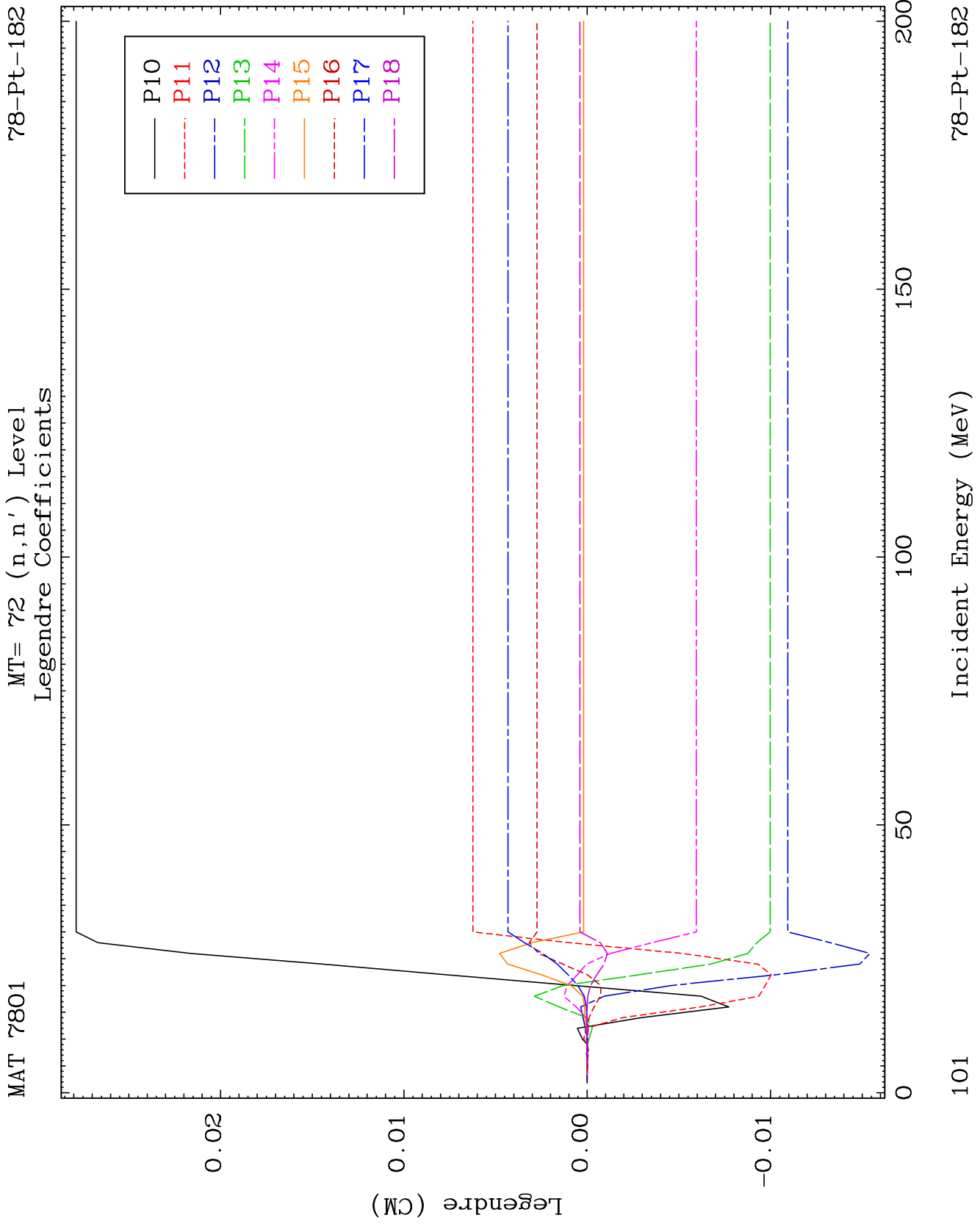


78-Pt-182

Incident Energy (MeV)

99





78-Pt-182

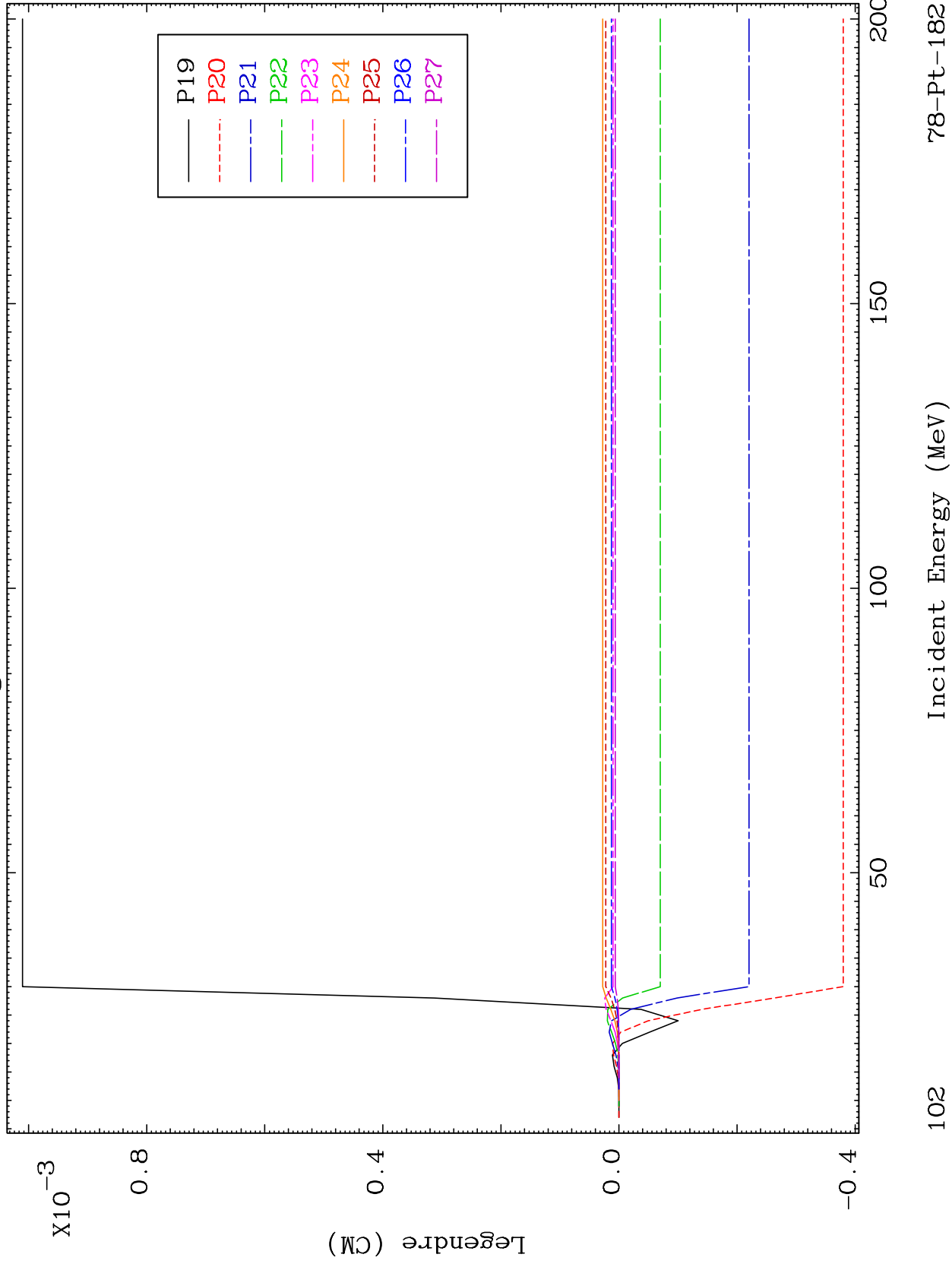
Incident Energy (MeV)

101

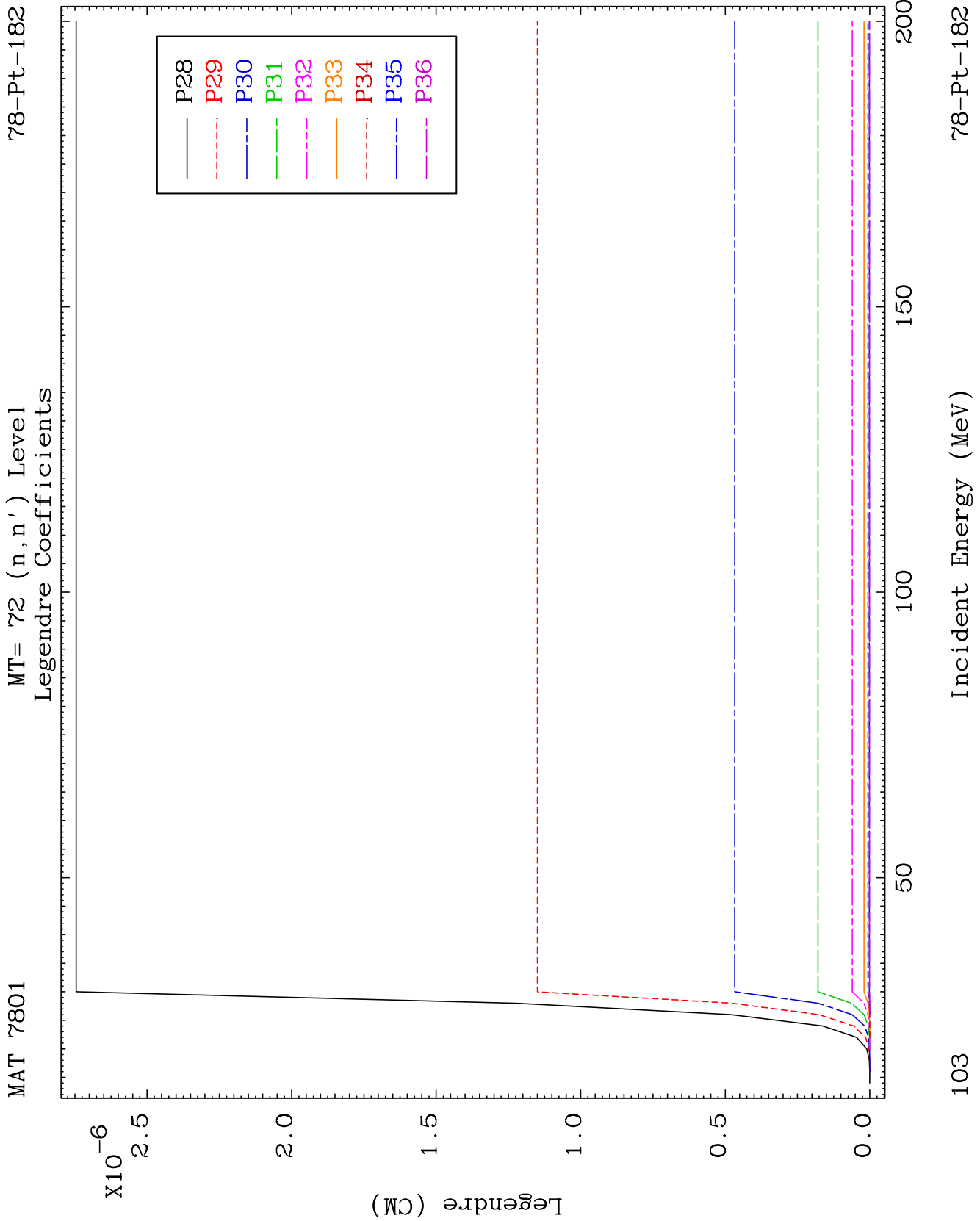
MAT 7801

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

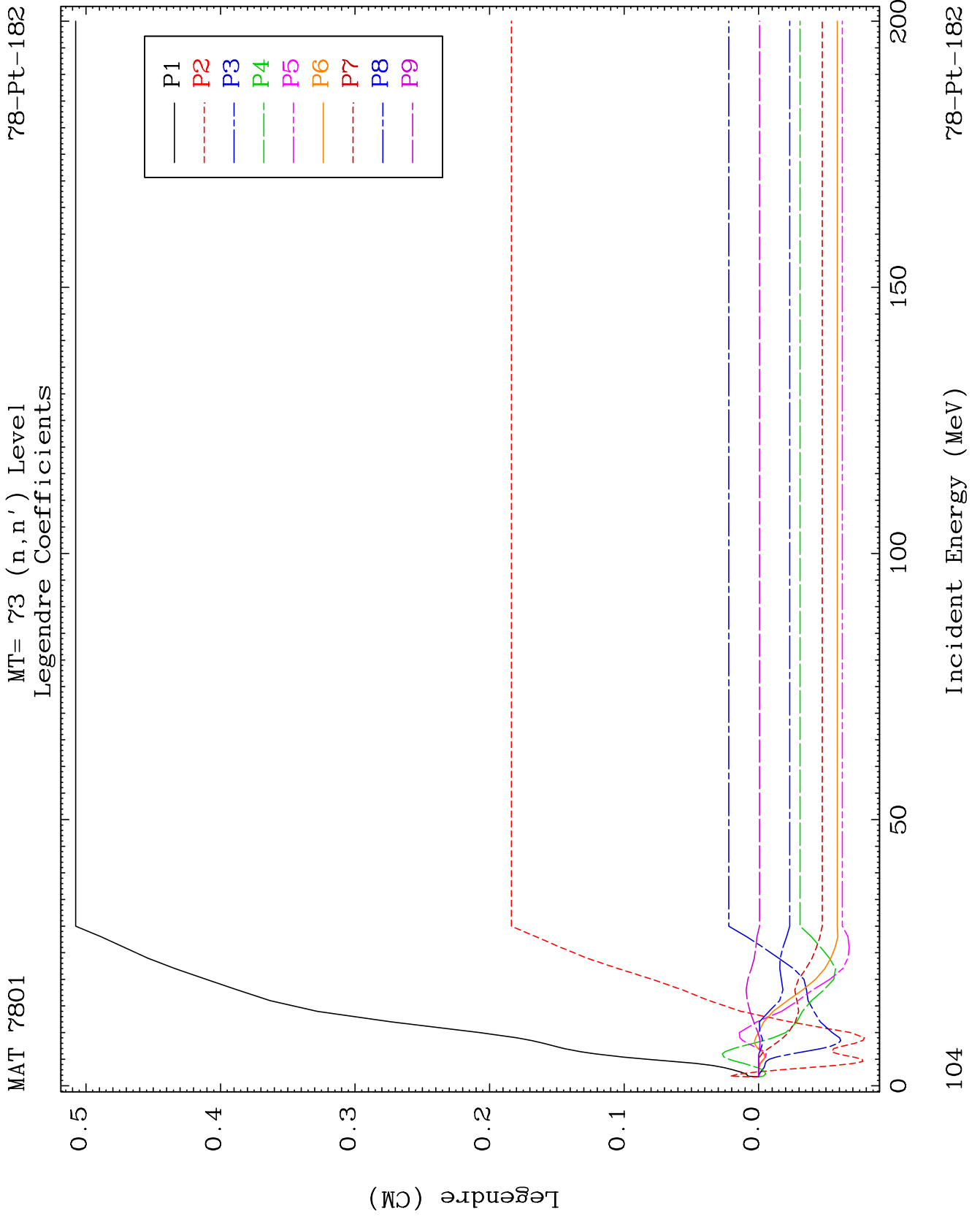
78-Pt-182

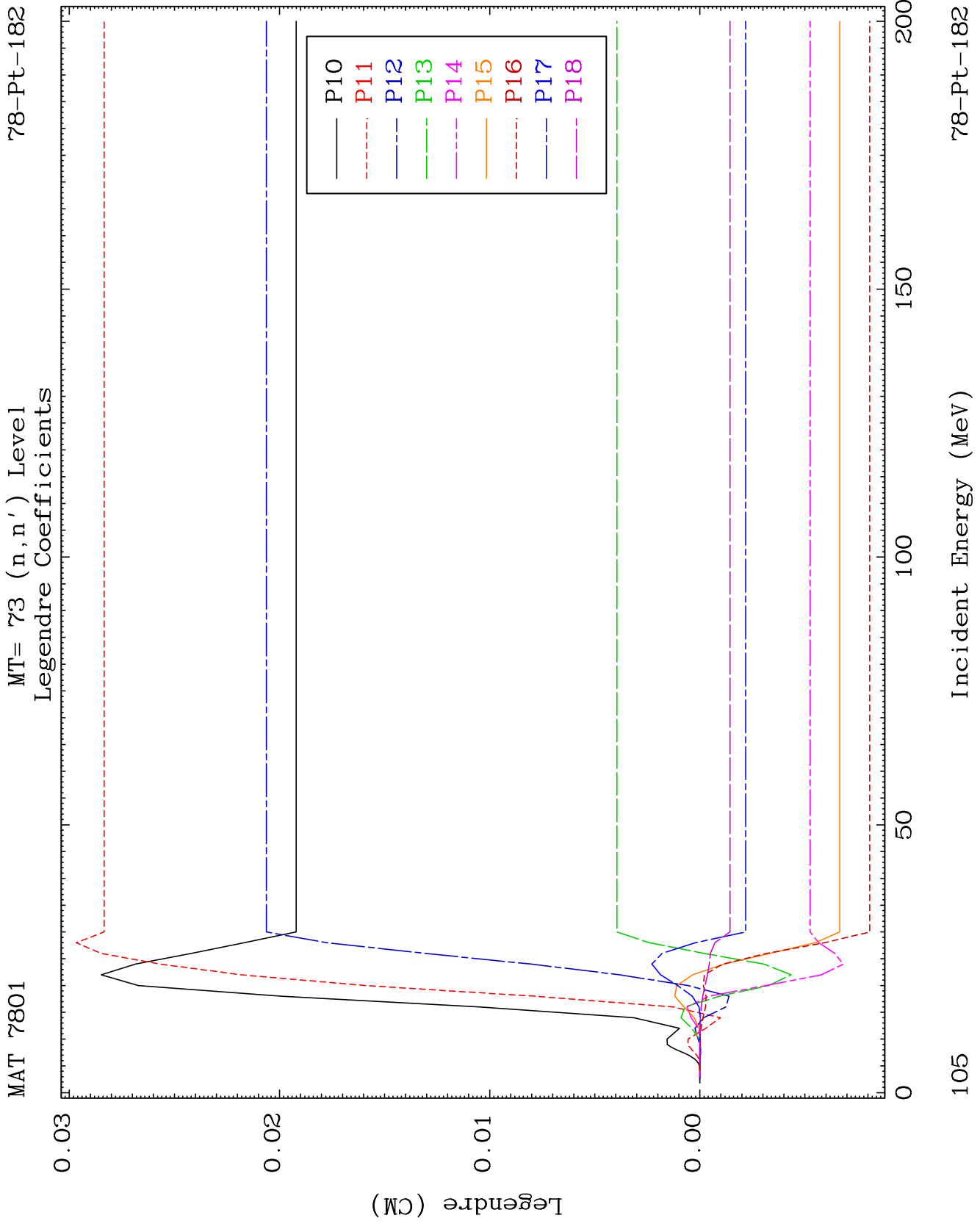


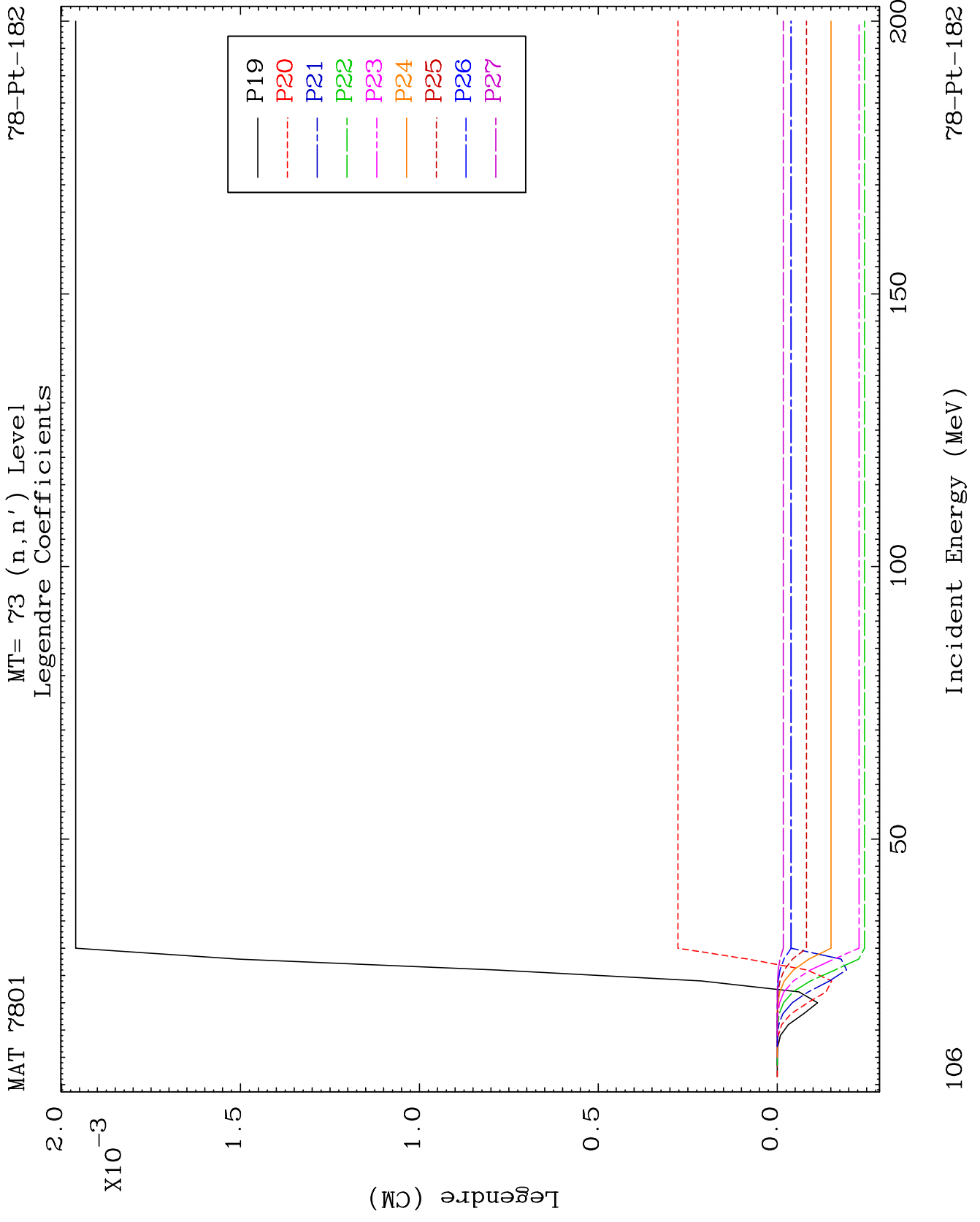
102

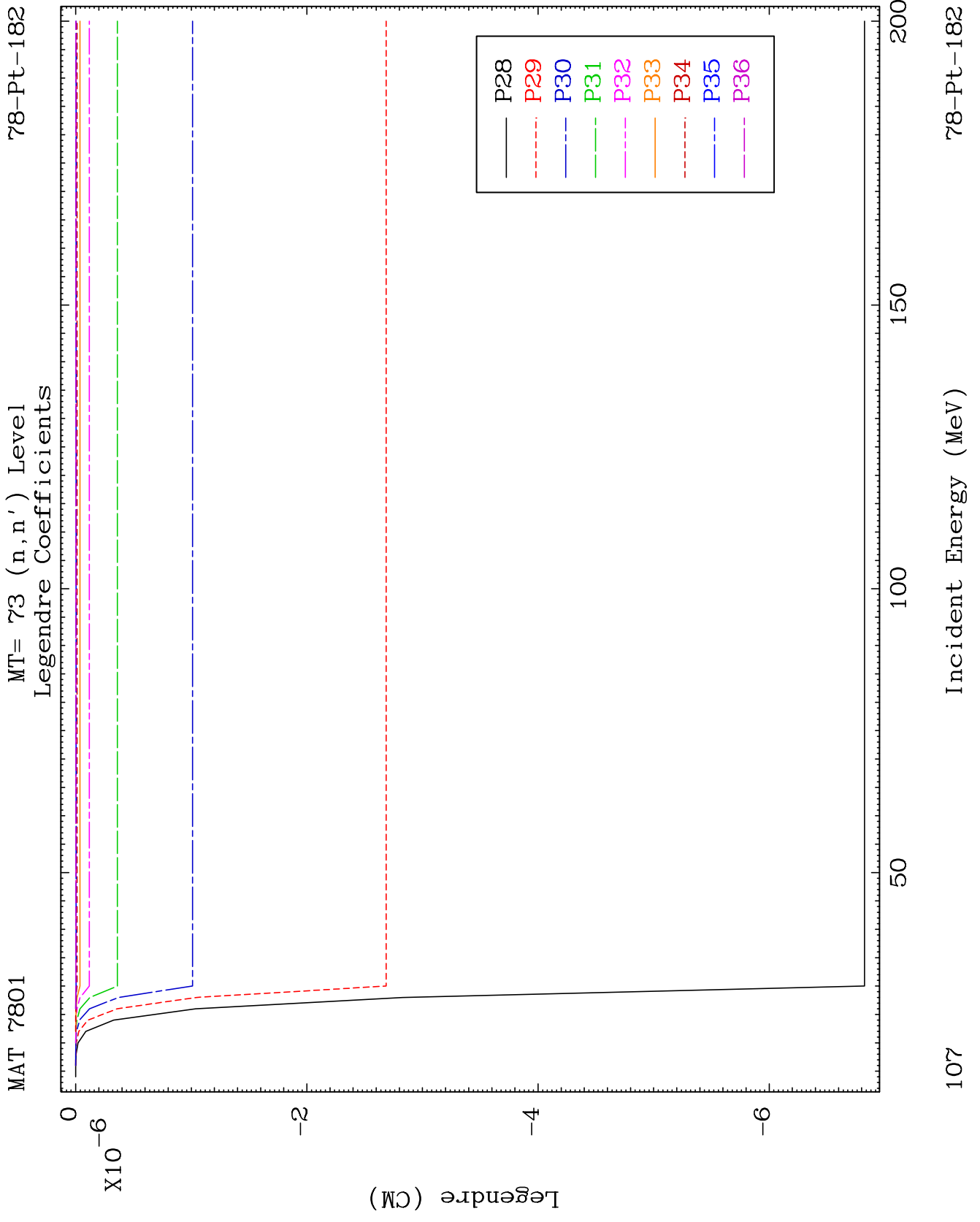


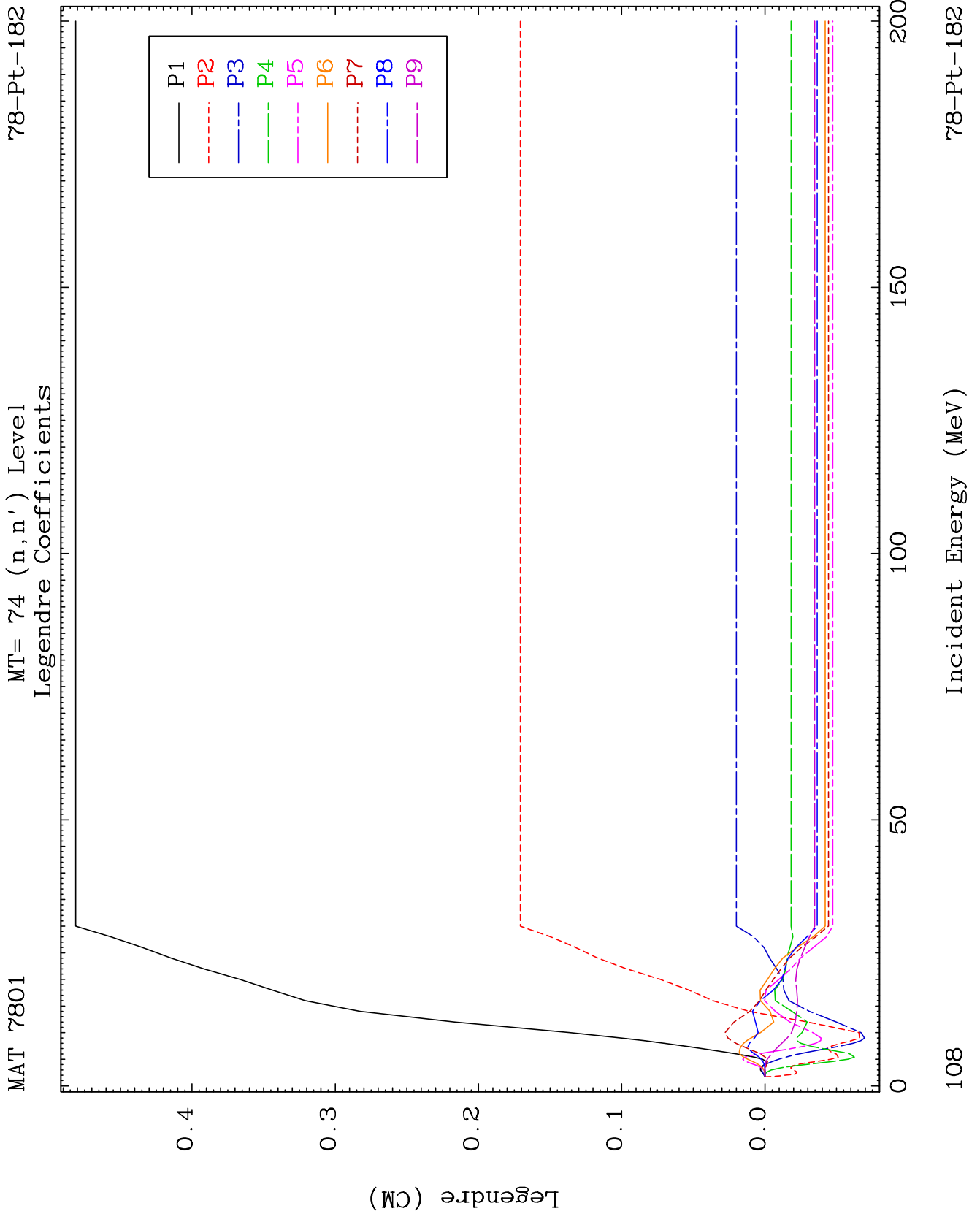








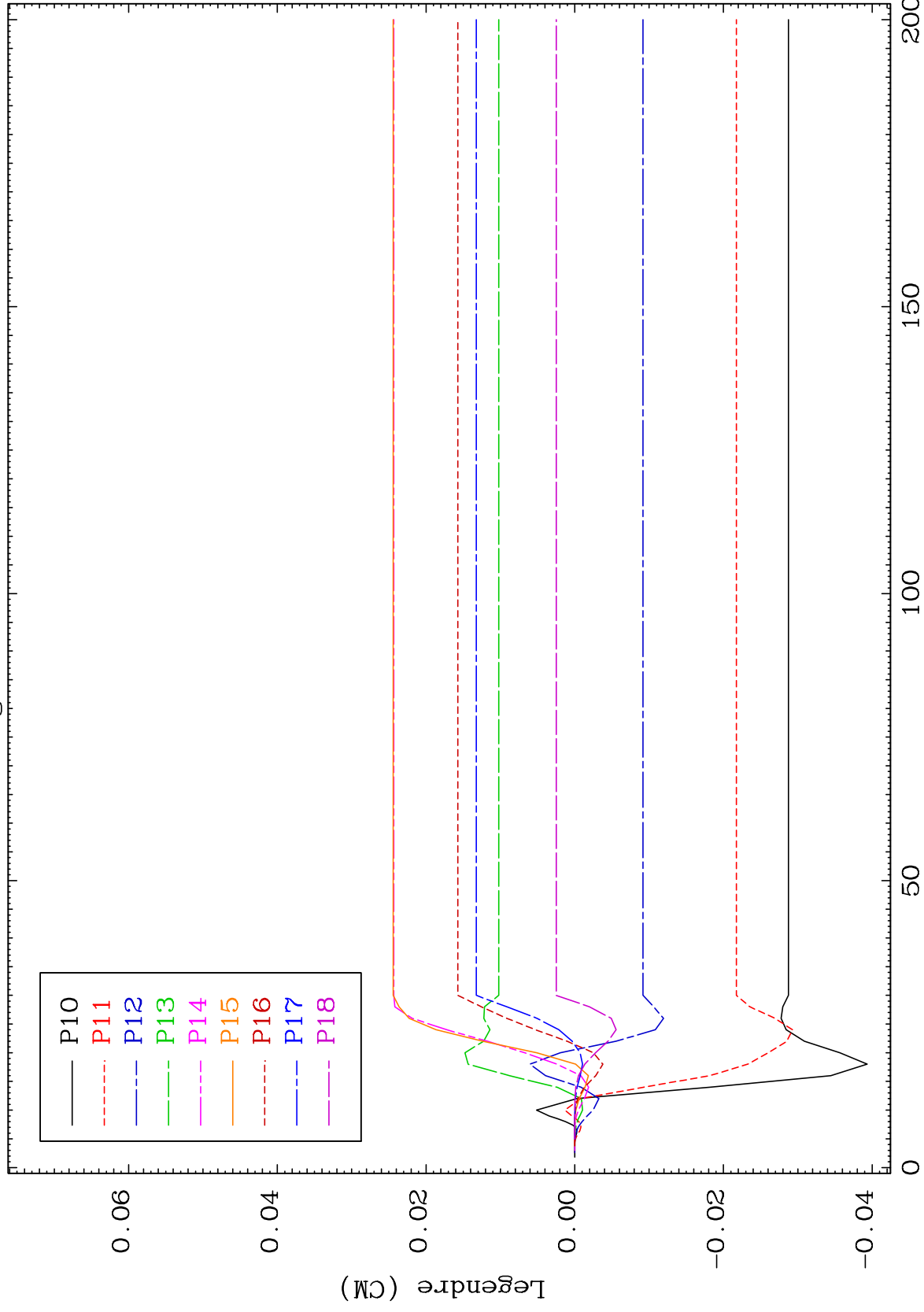




MAT 7801

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

78-Pt-182



109

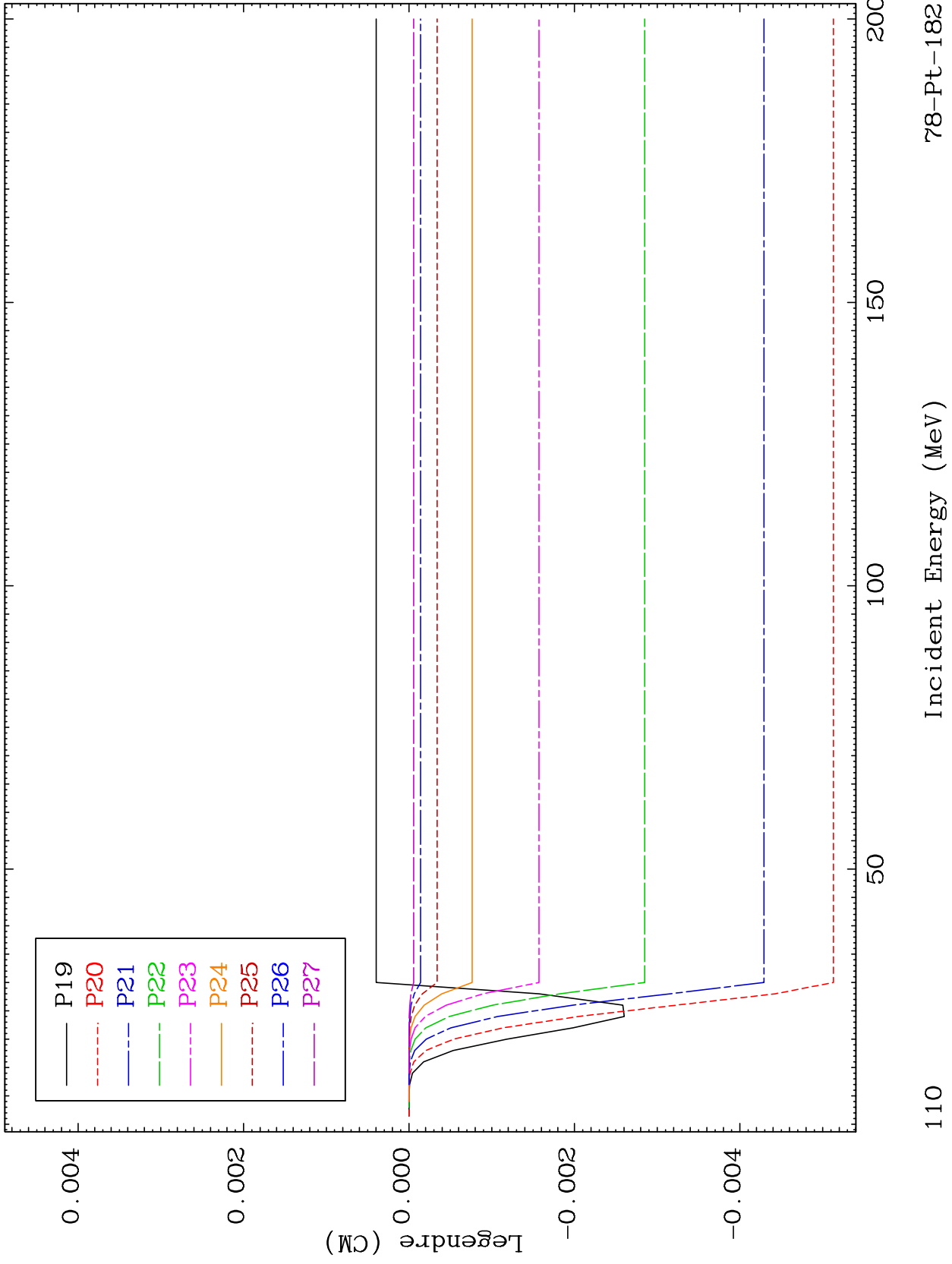
Incident Energy (MeV)

78-Pt-182

MAT 7801

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

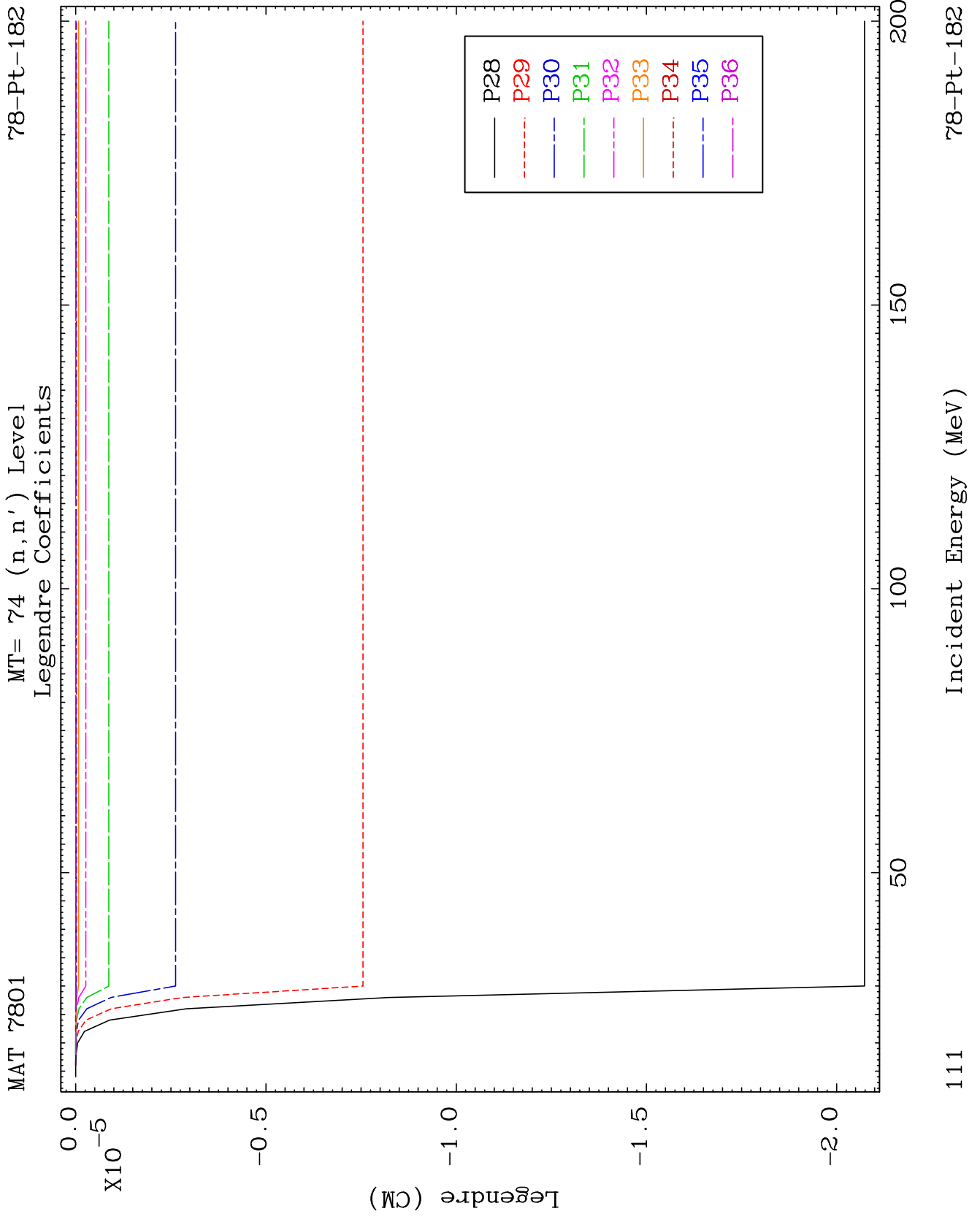
78-Pt-182



110

Incident Energy (MeV)

78-Pt-182



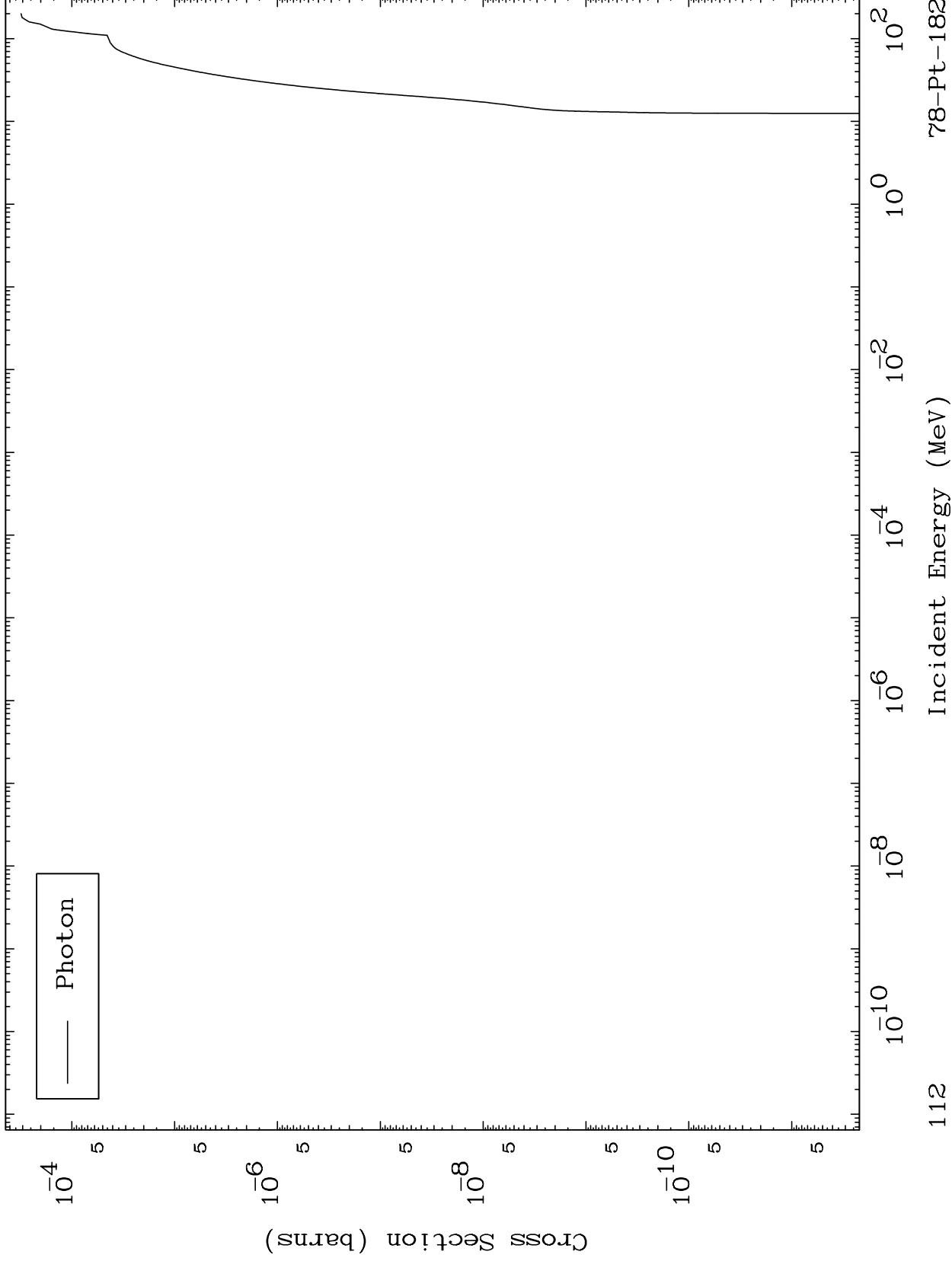


MAT 7801

Fission

78-Pt-182

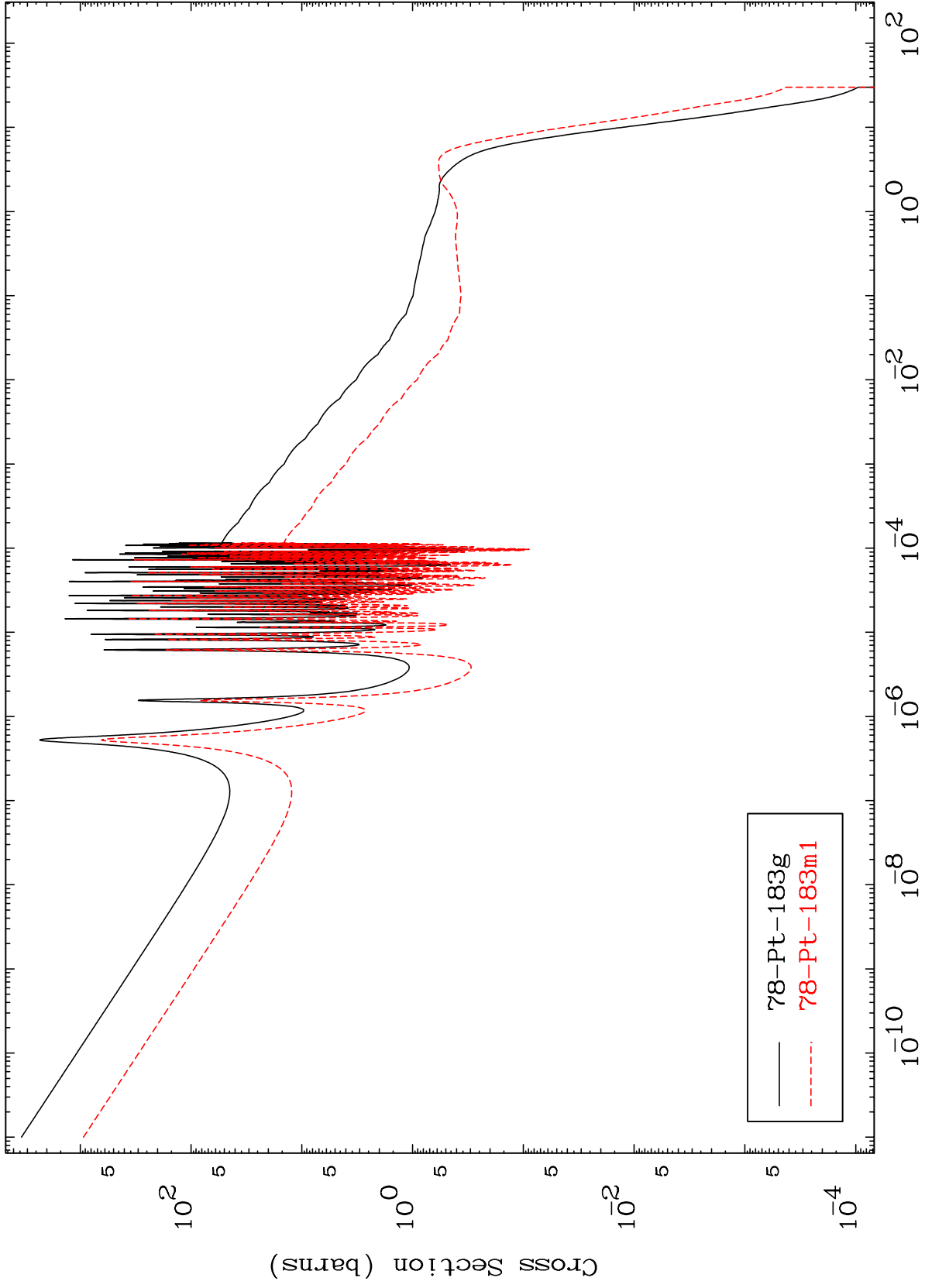
Radionuclide Production Cross Section



MAT 7801

78-Pt-182

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



78-Pt-182

Incident Energy (MeV)

113

MAT 7801

(n,2p)

78-Pt-182

Radionuclide Production Cross Section

