

Program EVALPLOT
(Version 2018-1)

by

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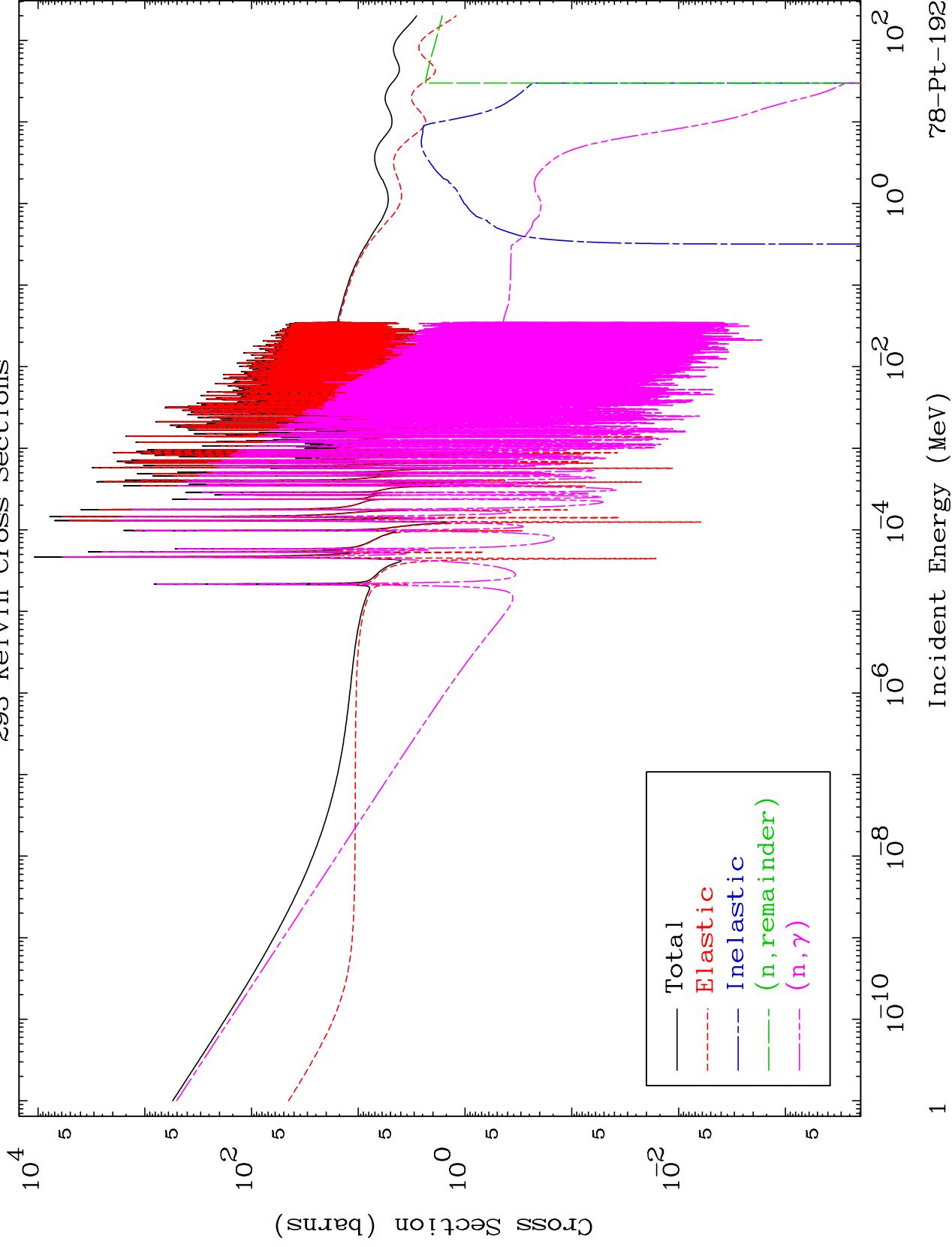
Press Mouse Button to Start

MAT 7831

Major

293 Kelvin Cross Sections

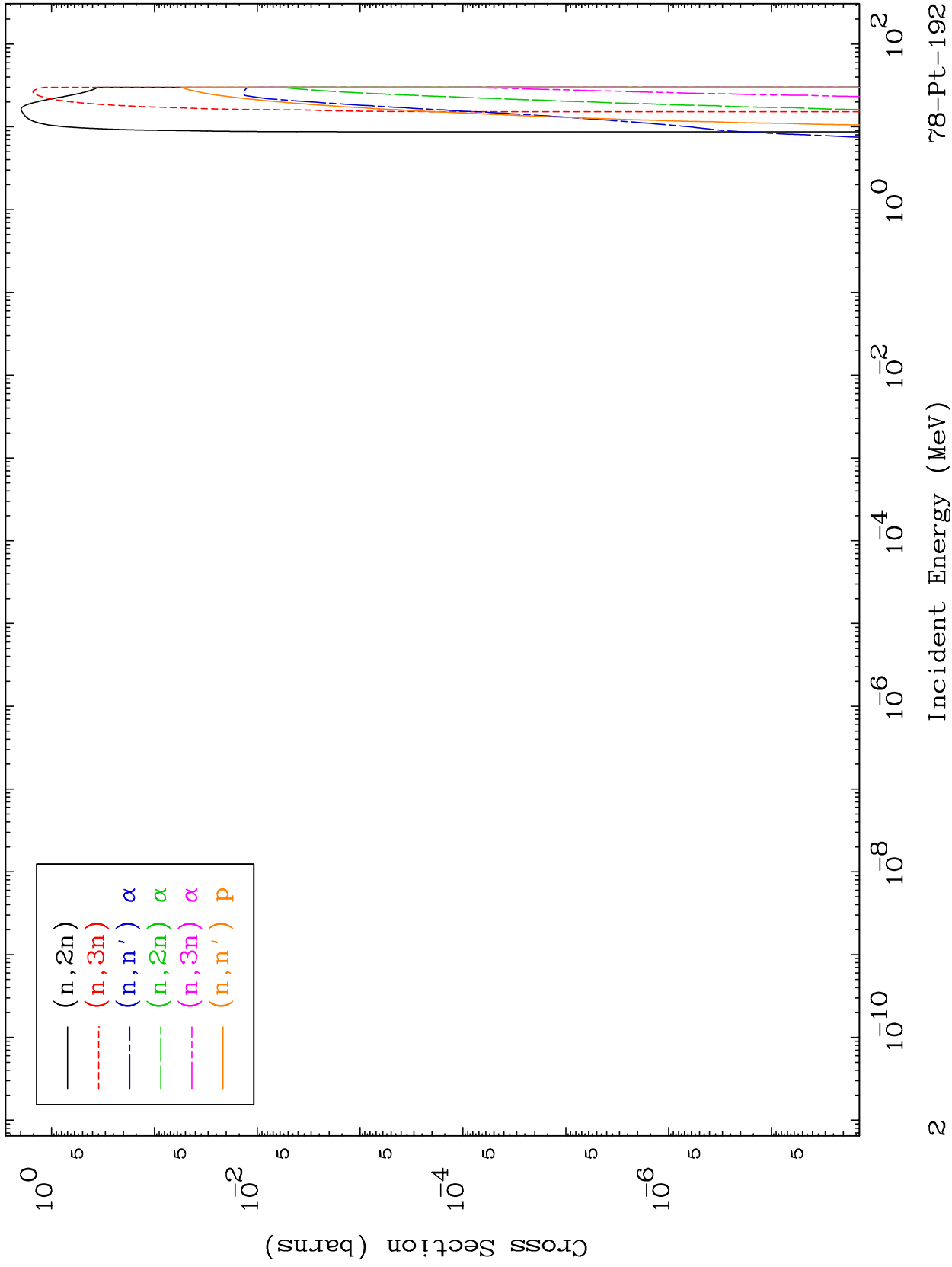
78-Pt-192

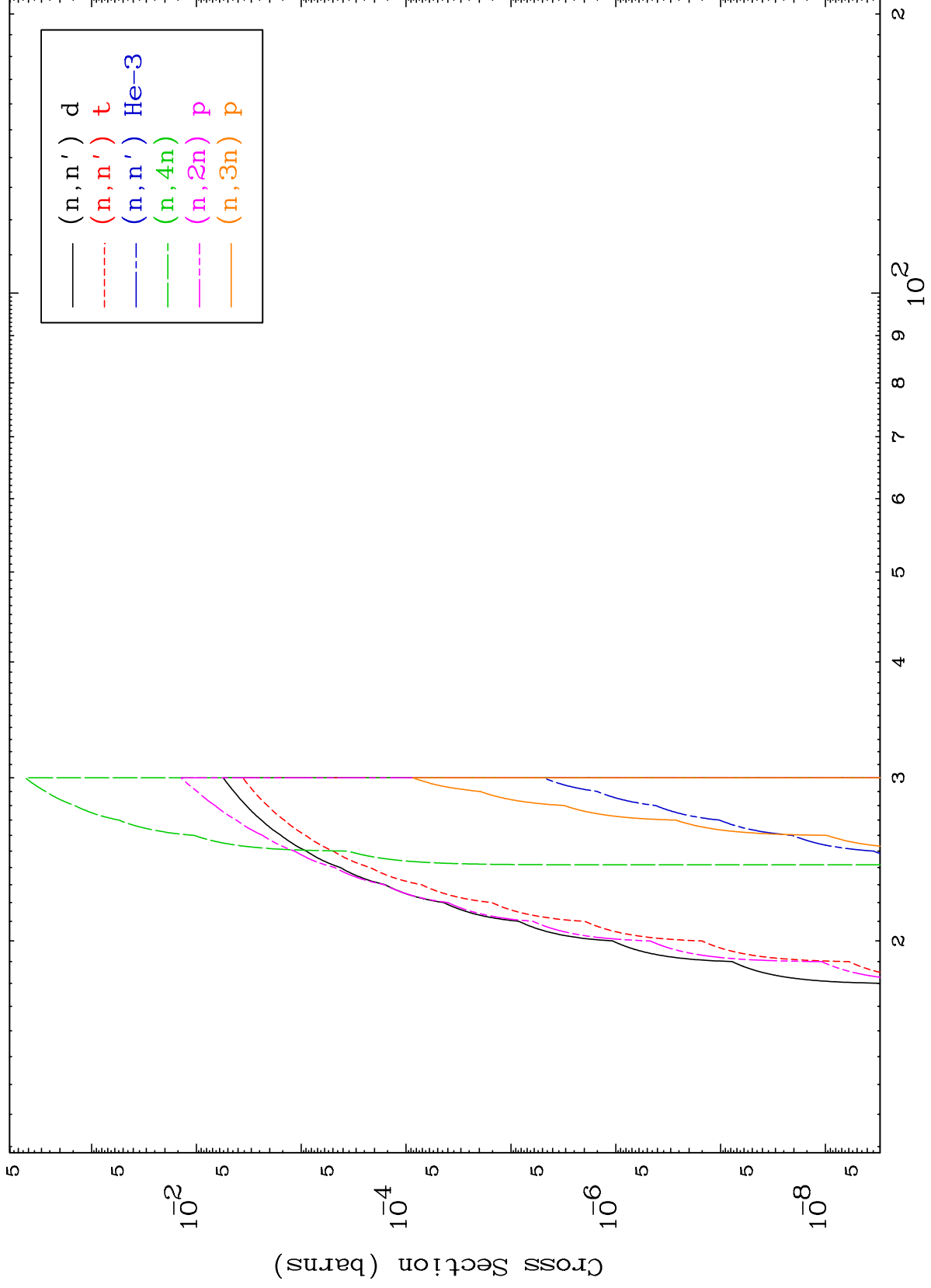


MAT 7831

Neutron Production
293 Kelvin Cross Sections

78-Pt-192

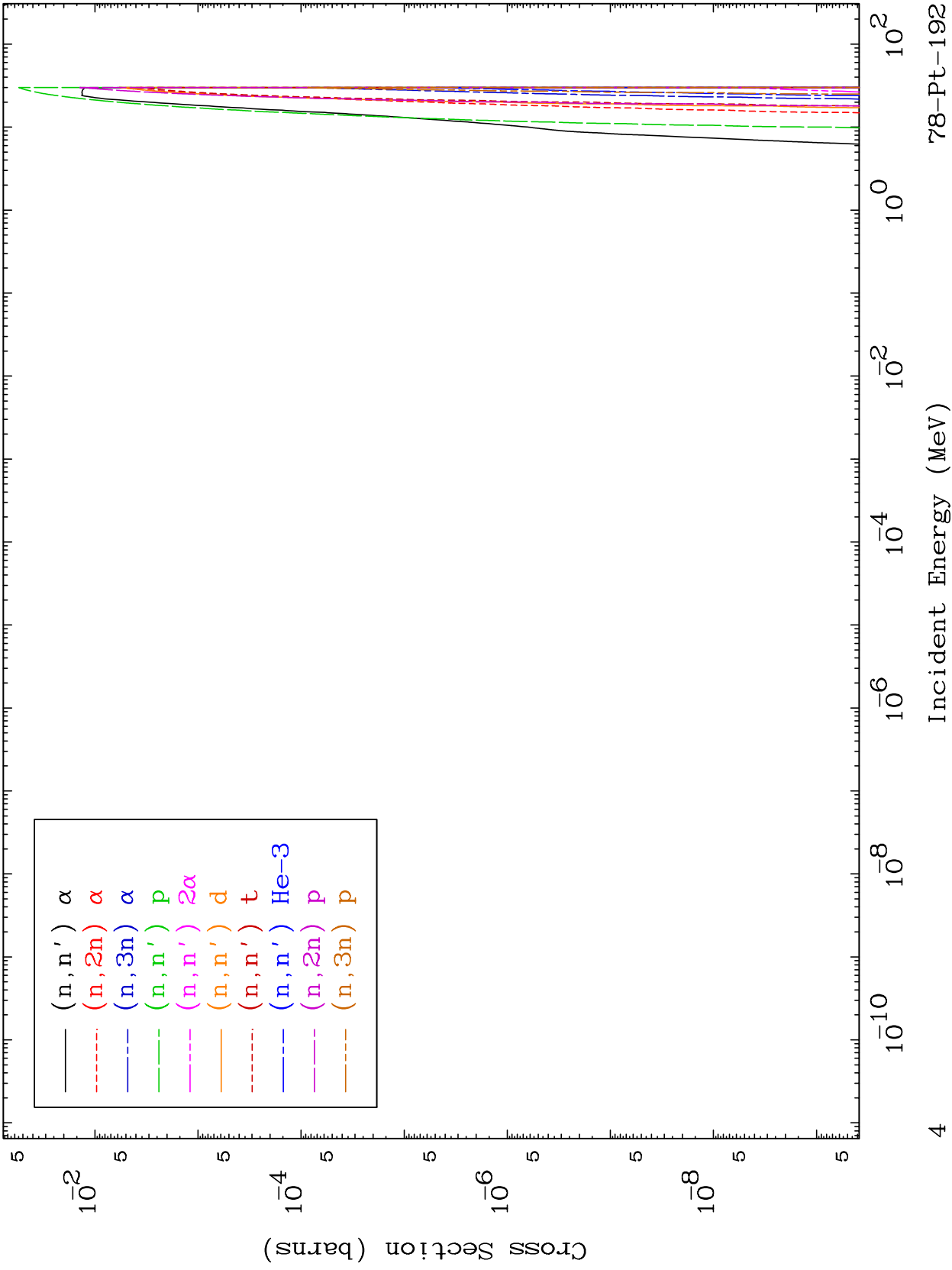




MAT 7831

Charged Particle
293 Kelvin Cross Sections

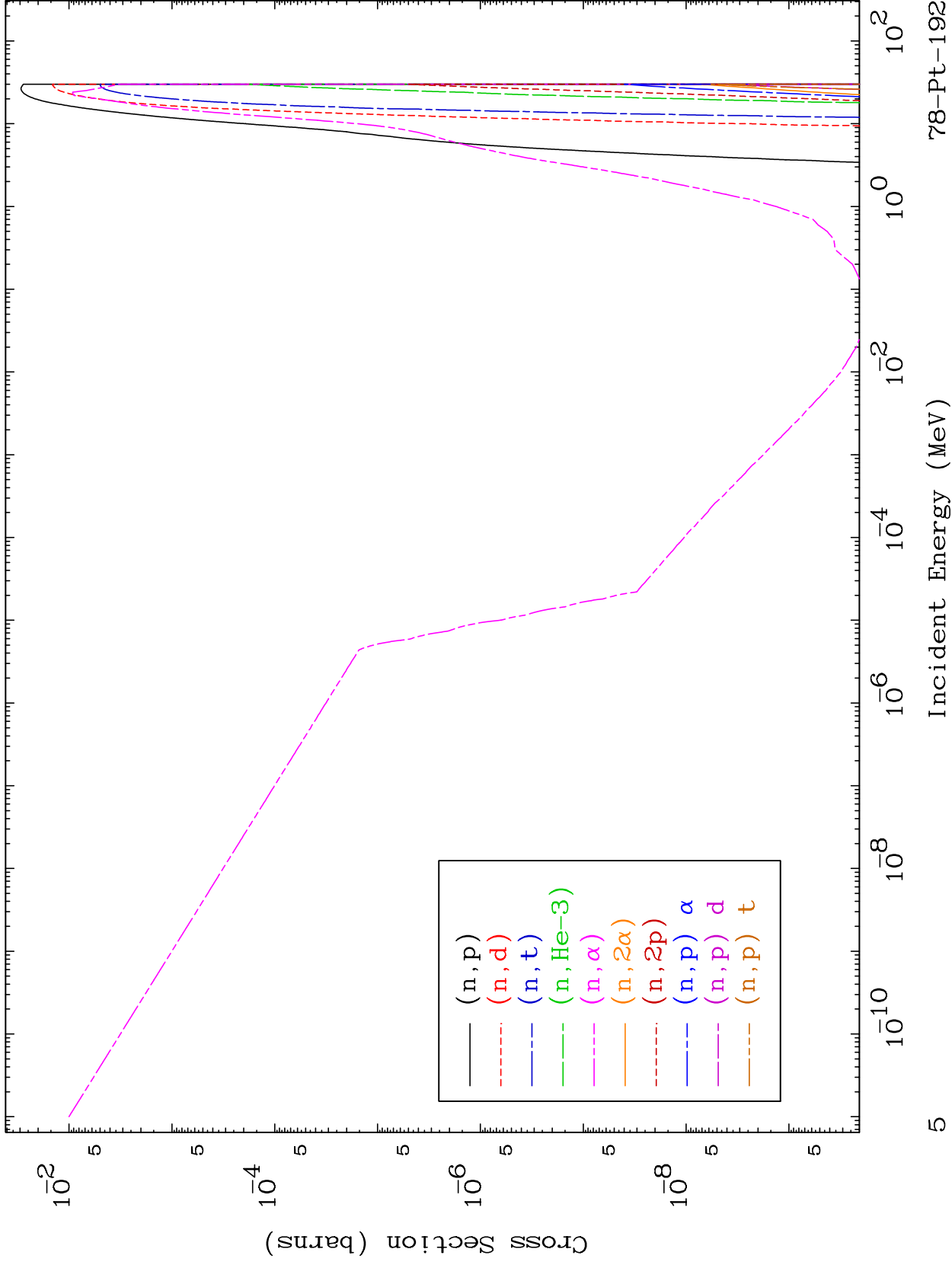
78-Pt-192



MAT 7831

Charged Particle
293 Kelvin Cross Sections

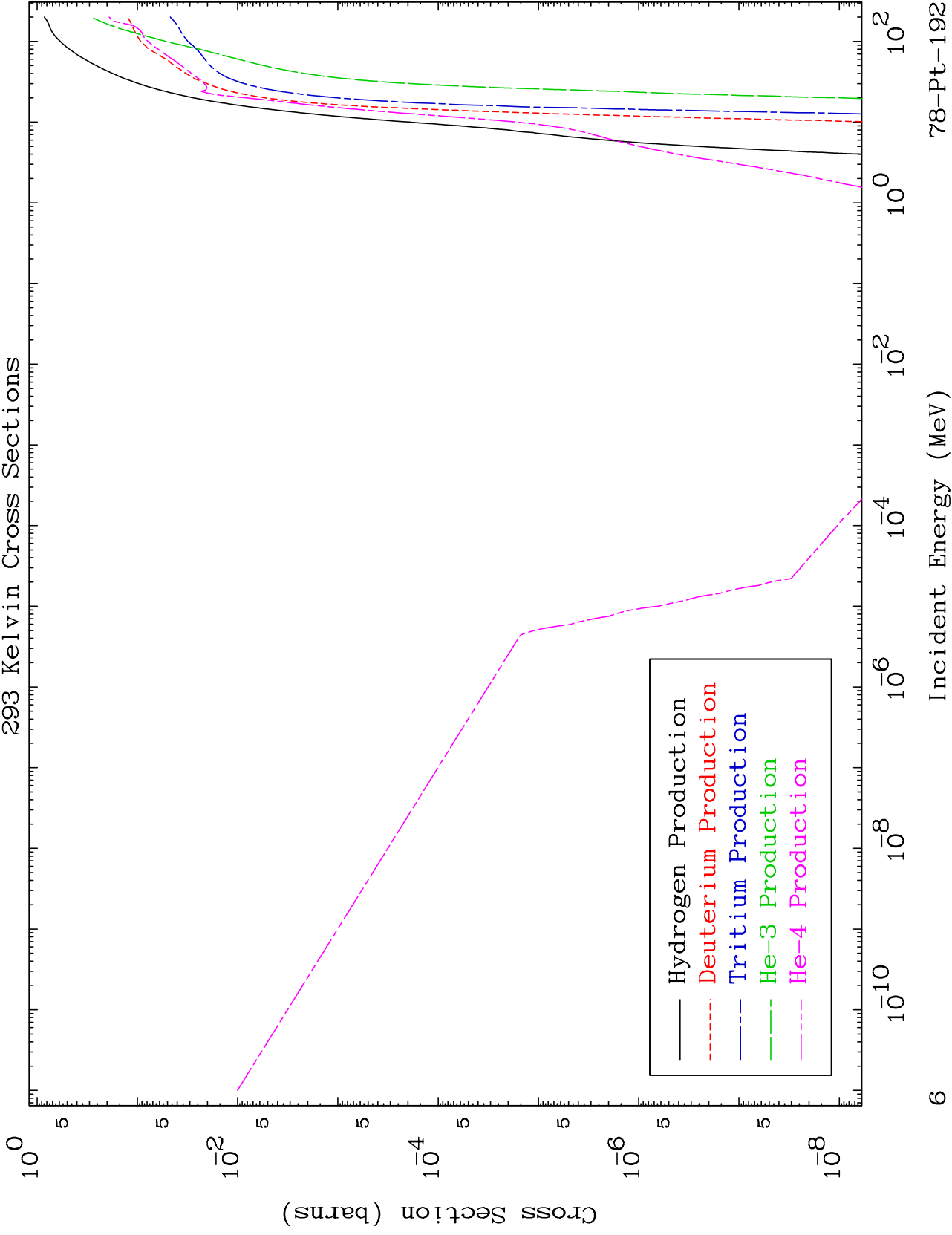
78-Pt-192



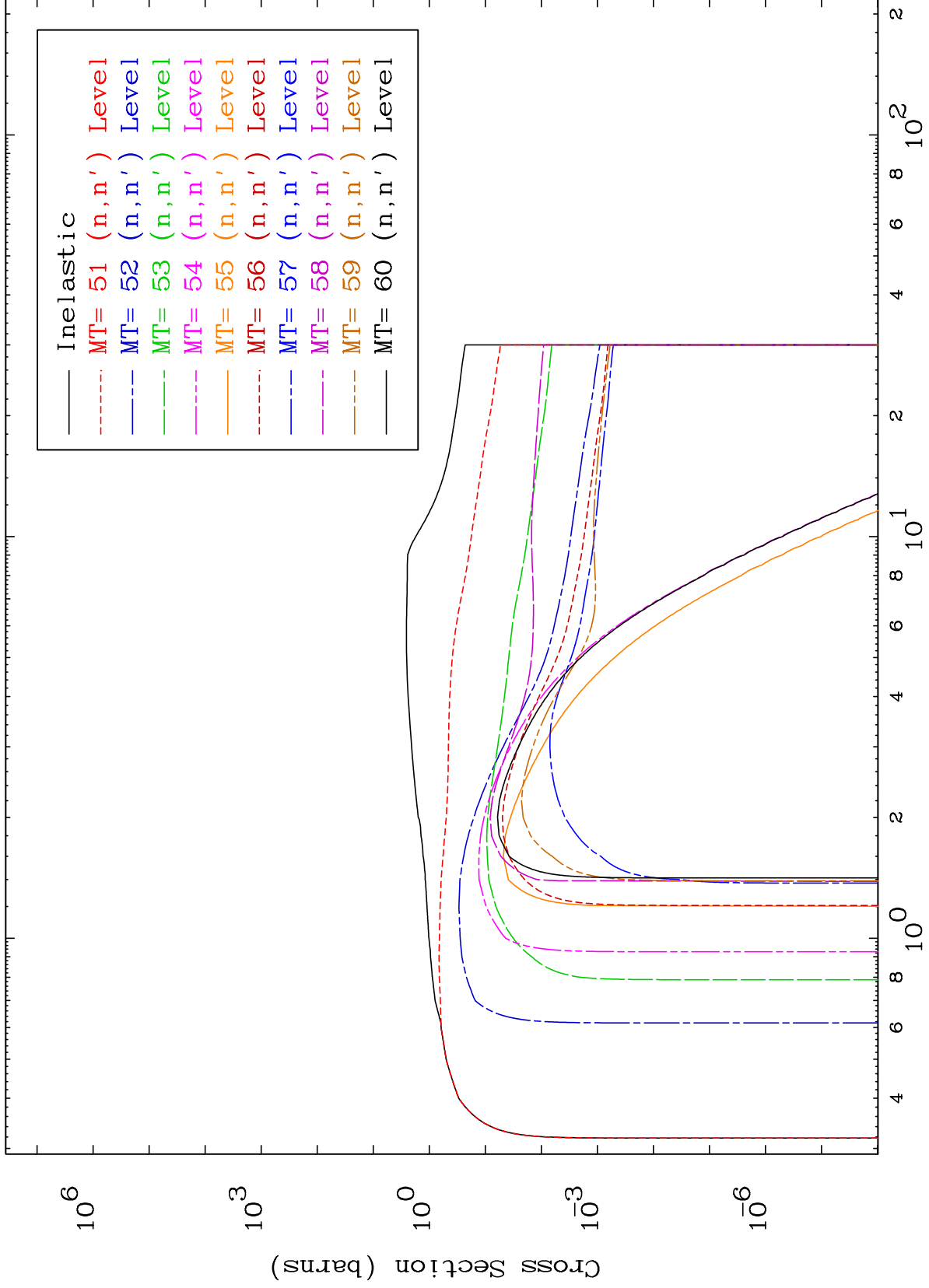
MAT 7831

Particle Production
293 Kelvin Cross Sections

78-Pt-192



293 Kelvin Cross Sections

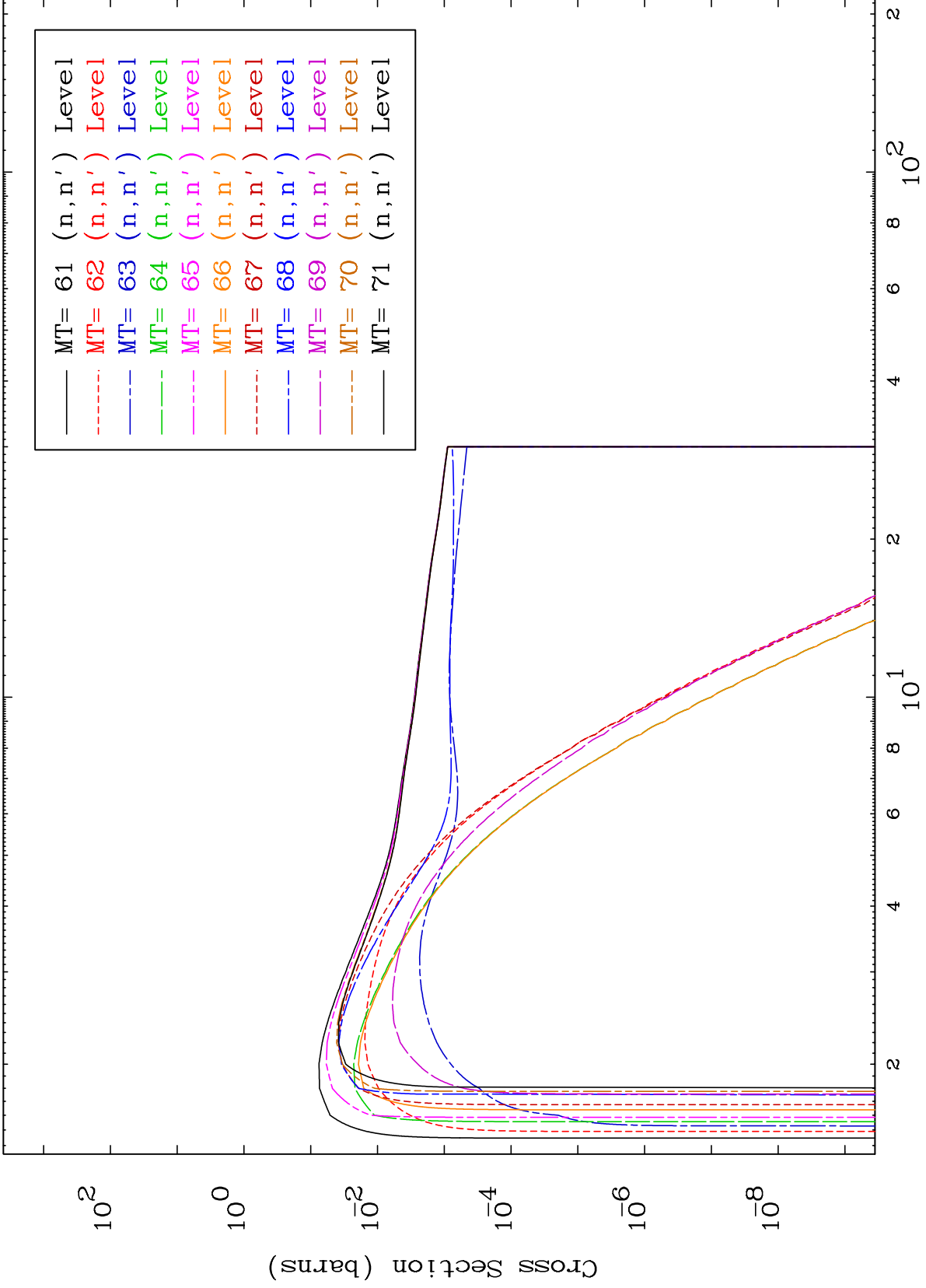


MAT 7831

(n,n') Level

78-Pt-192

293 Kelvin Cross Sections



8

Incident Energy (MeV)

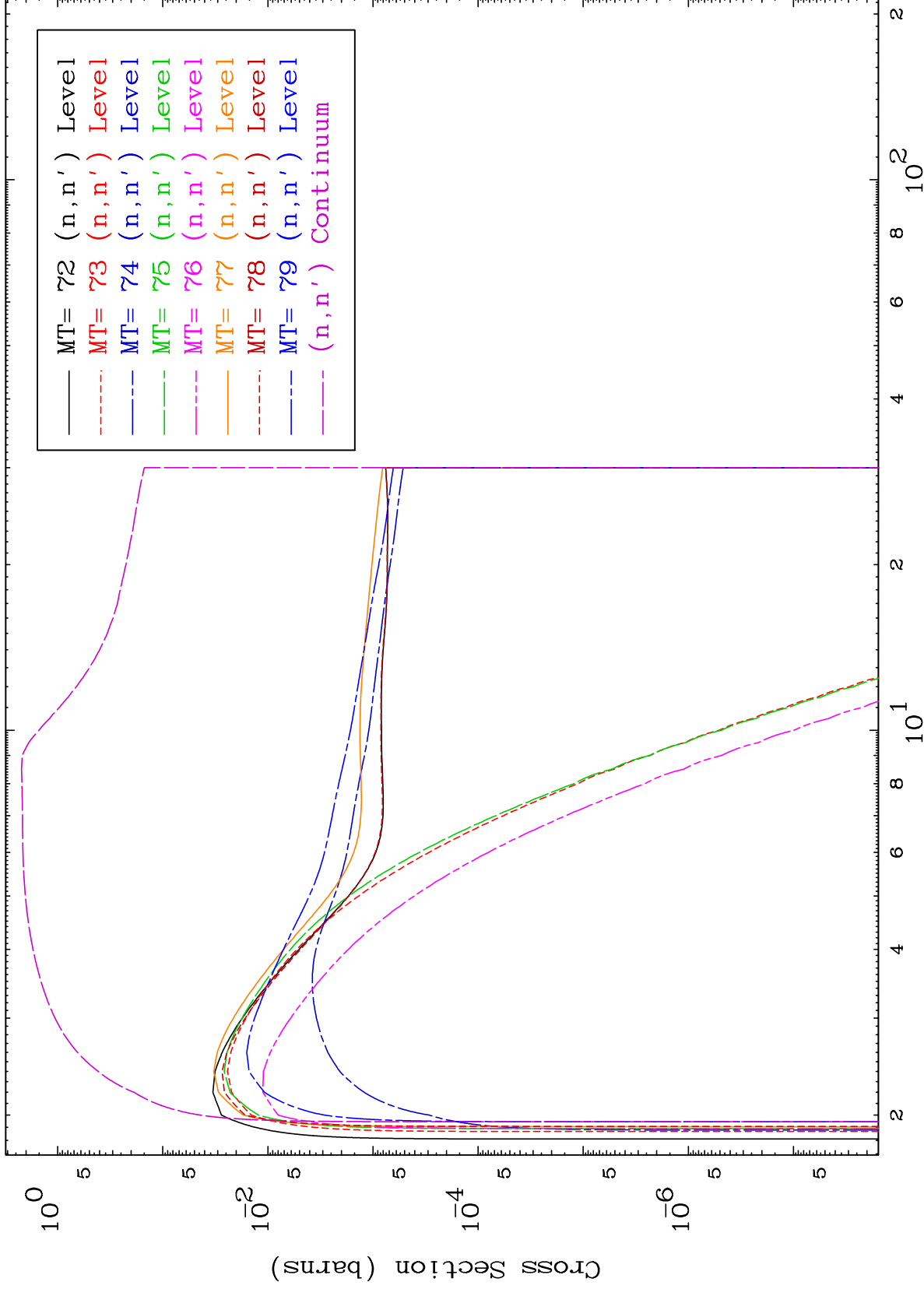
78-Pt-192

MAT 7831

(n,n') Level

78-Pt-192

293 Kelvin Cross Sections



9

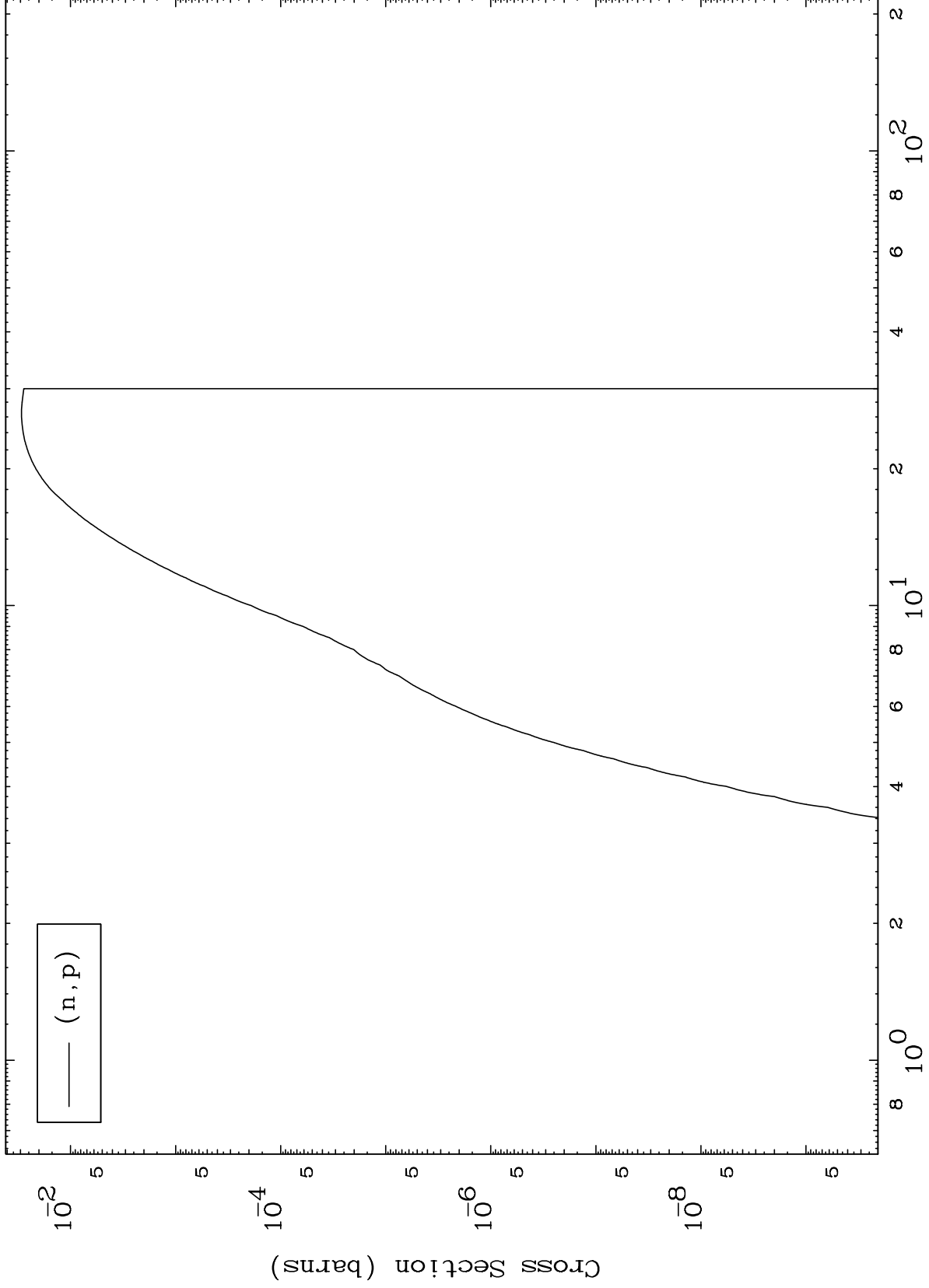
Incident Energy (MeV)

78-Pt-192

MAT 7831

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-192



10

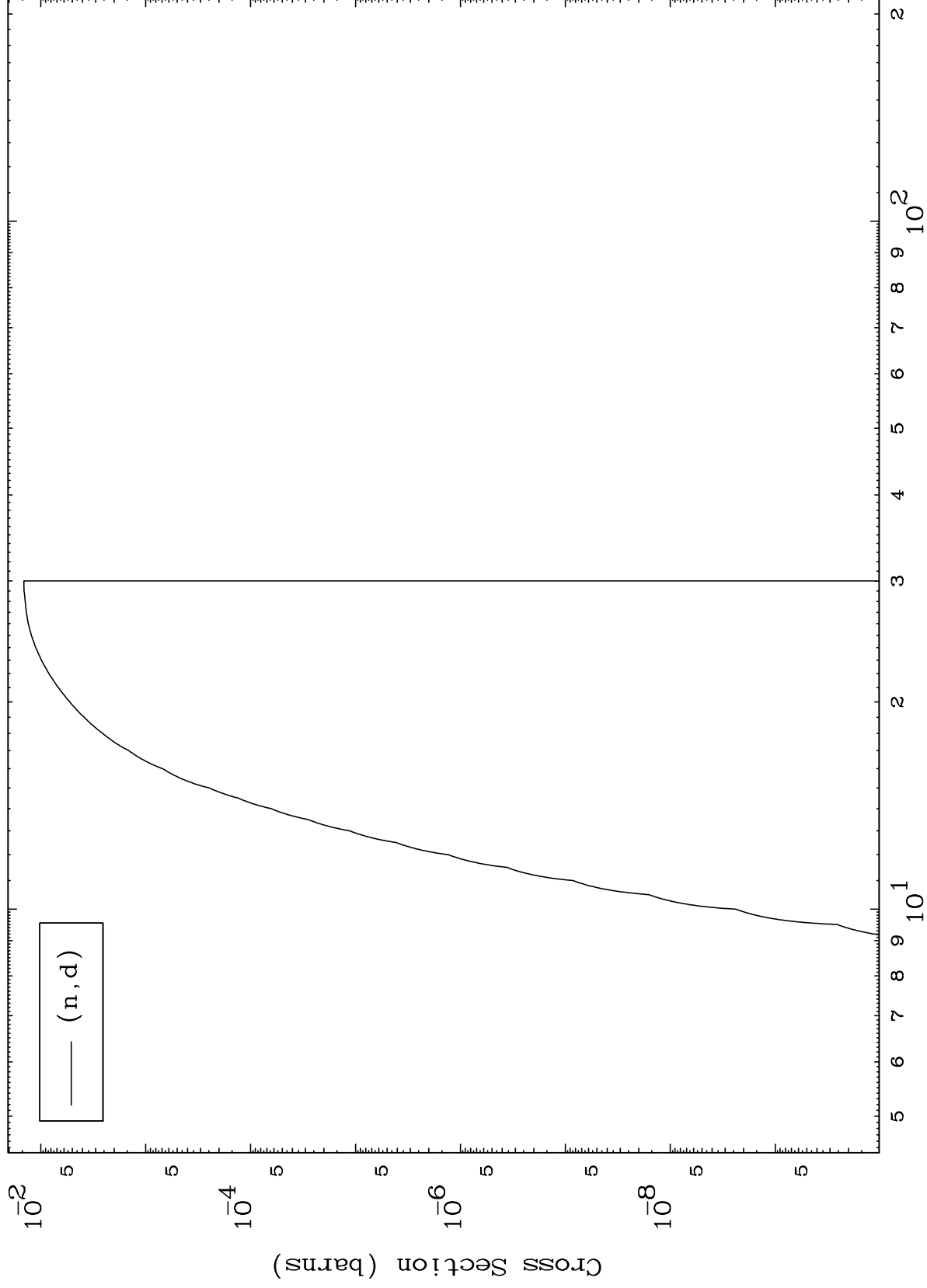
Incident Energy (MeV)

78-Pt-192

MAT 7831

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-192



11

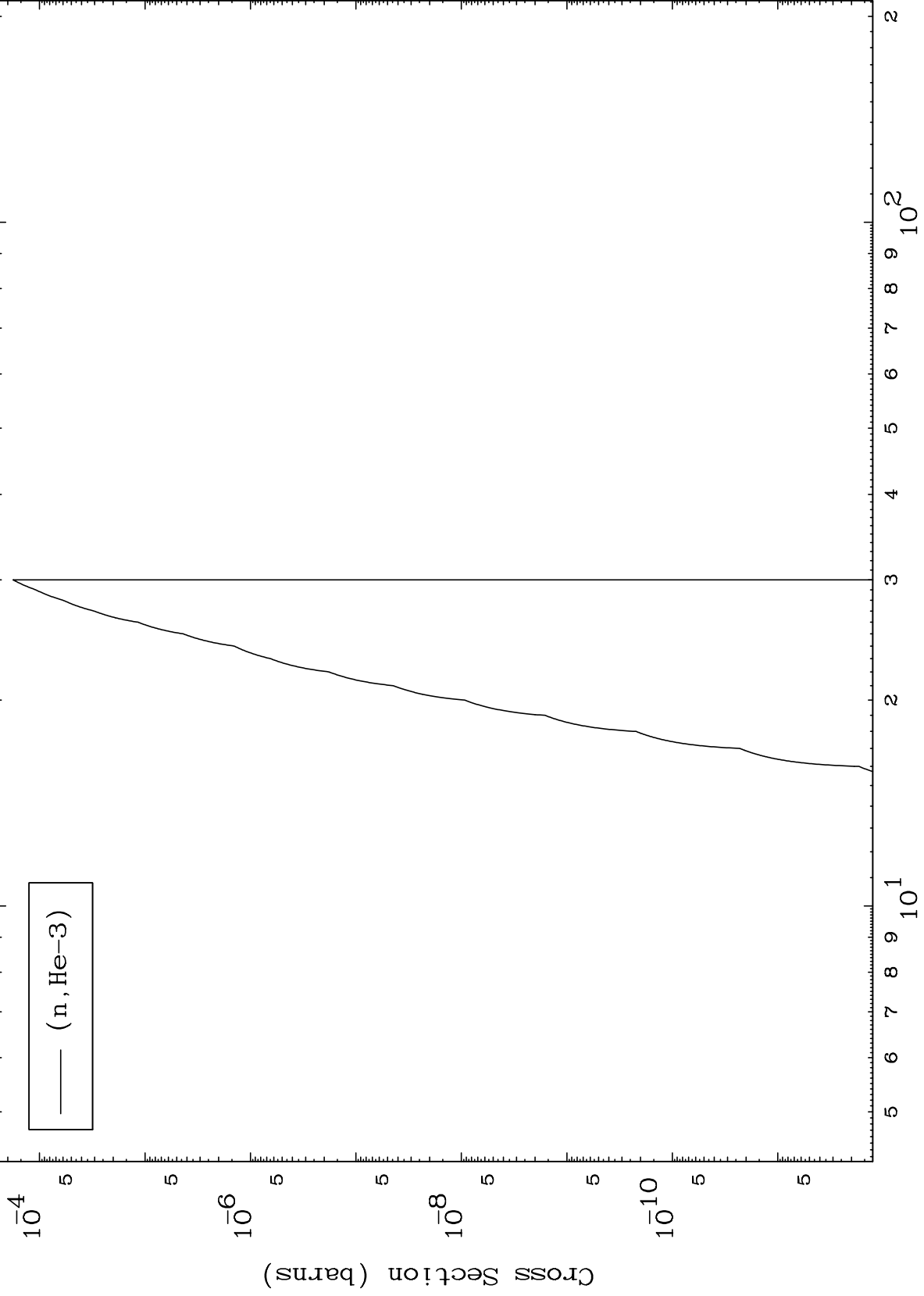
Incident Energy (MeV)

78-Pt-192

MAT 7831

(n,He3) Levels
293 Kelvin Cross Sections

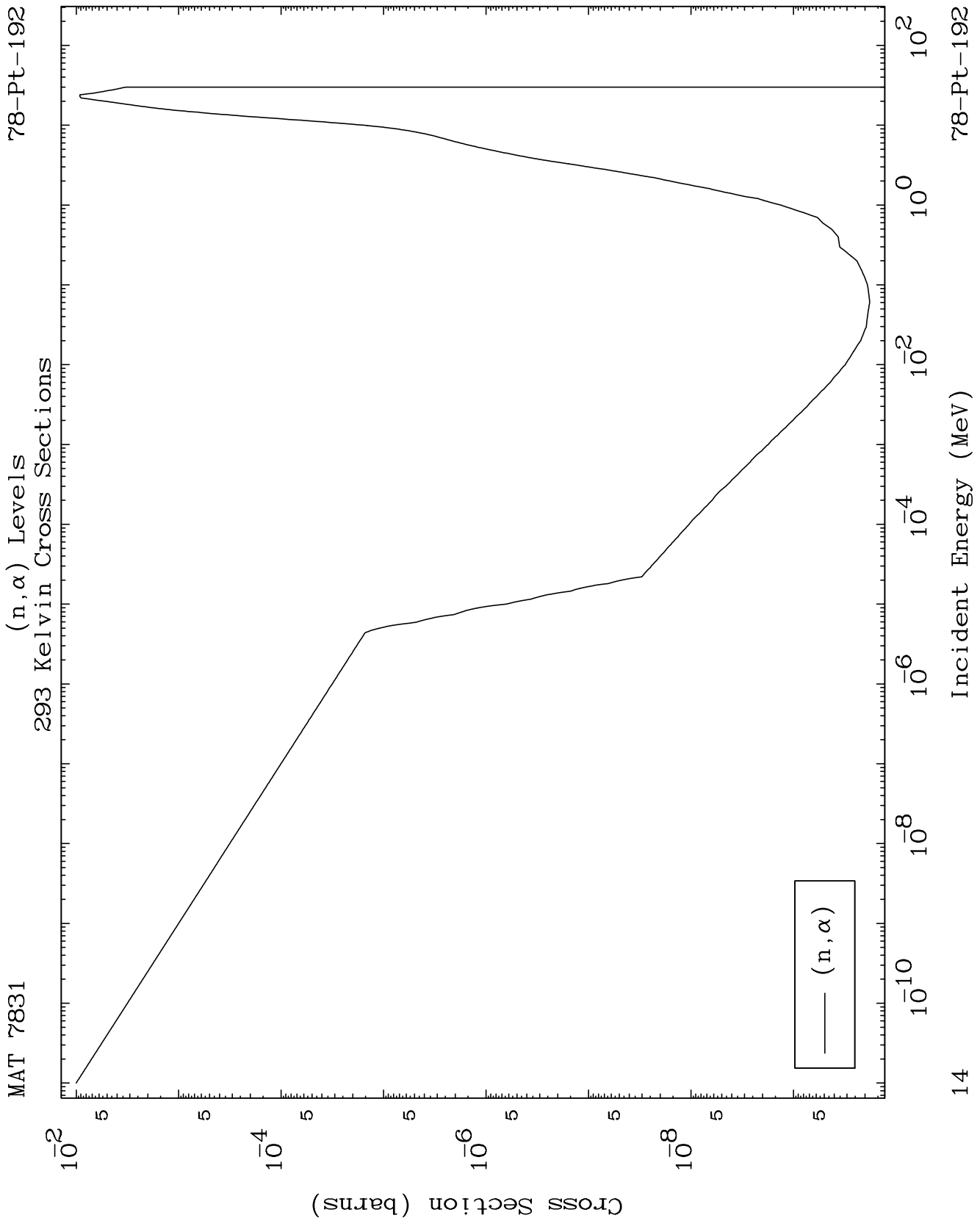
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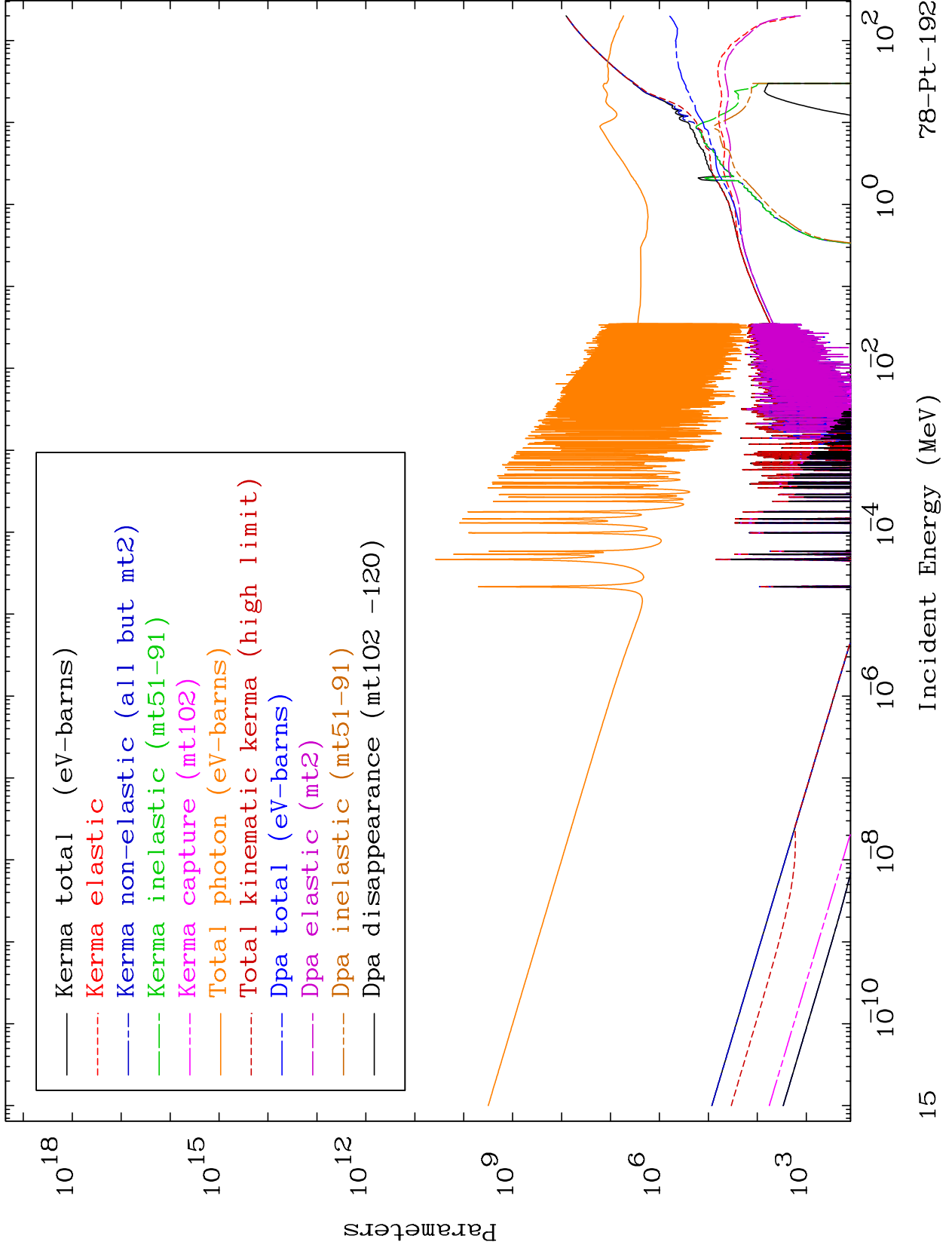


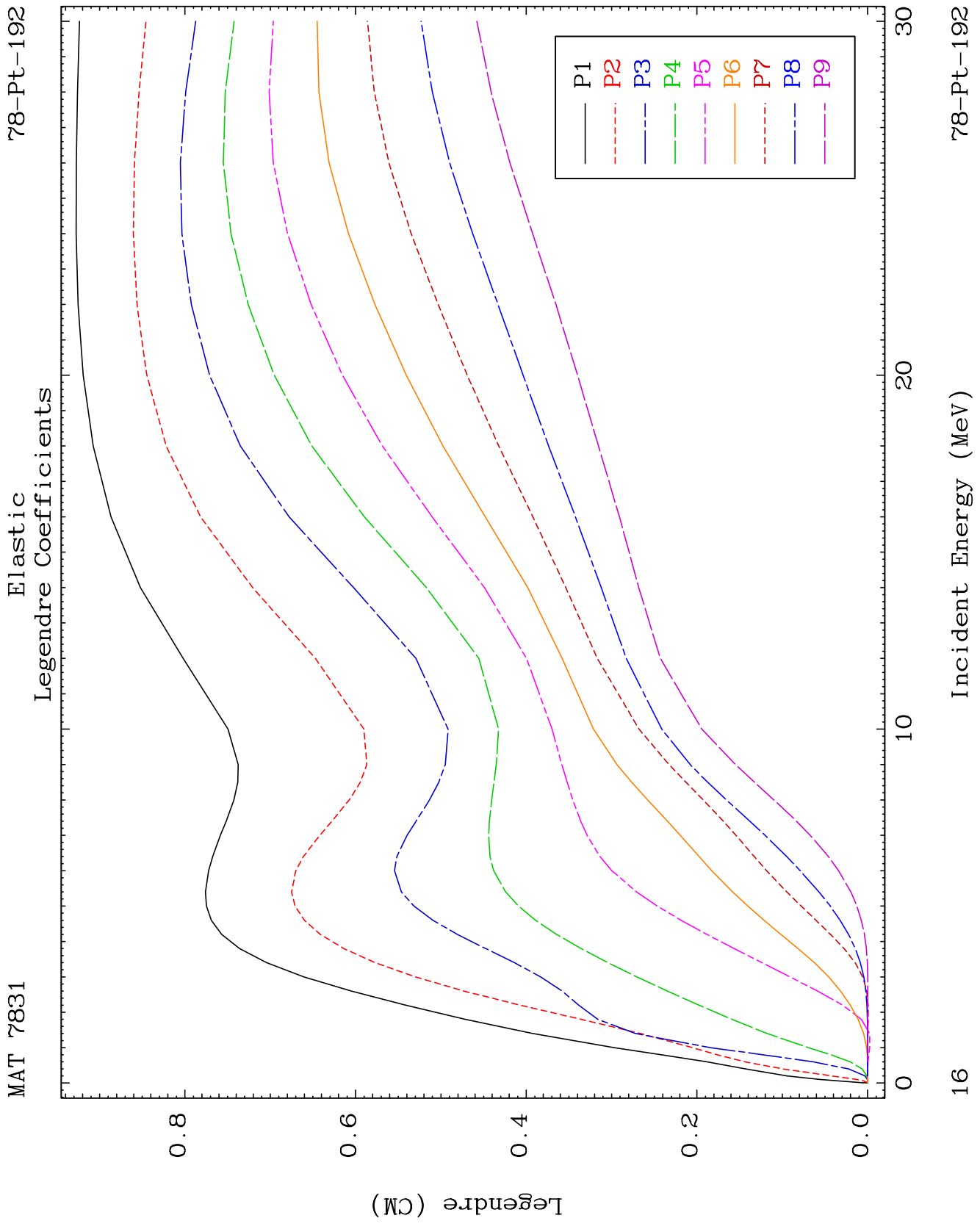
13

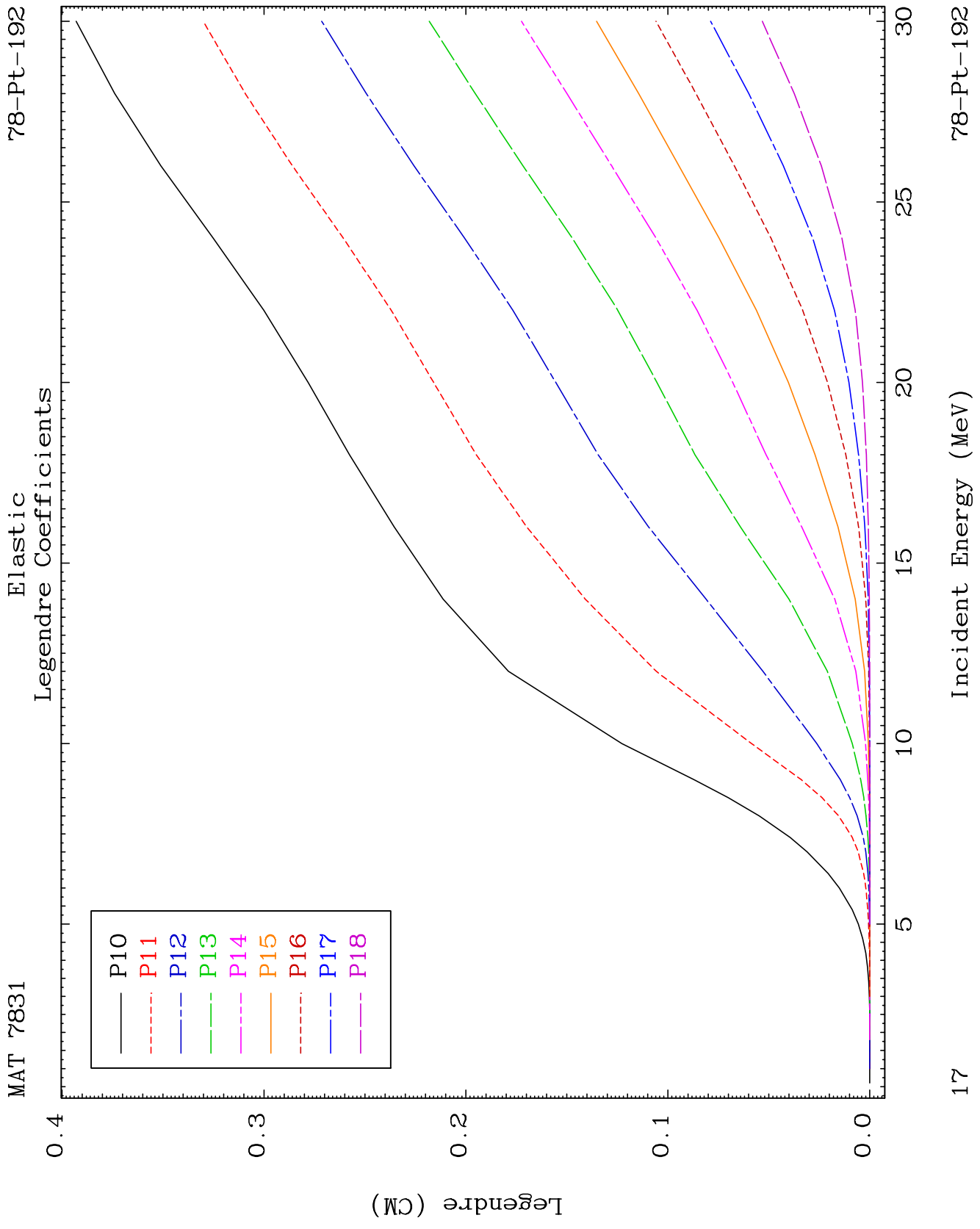
Incident Energy (MeV)

78-Pt-192









MAT 7831

Elastic Legendre Coefficients

78-Pt-192

17

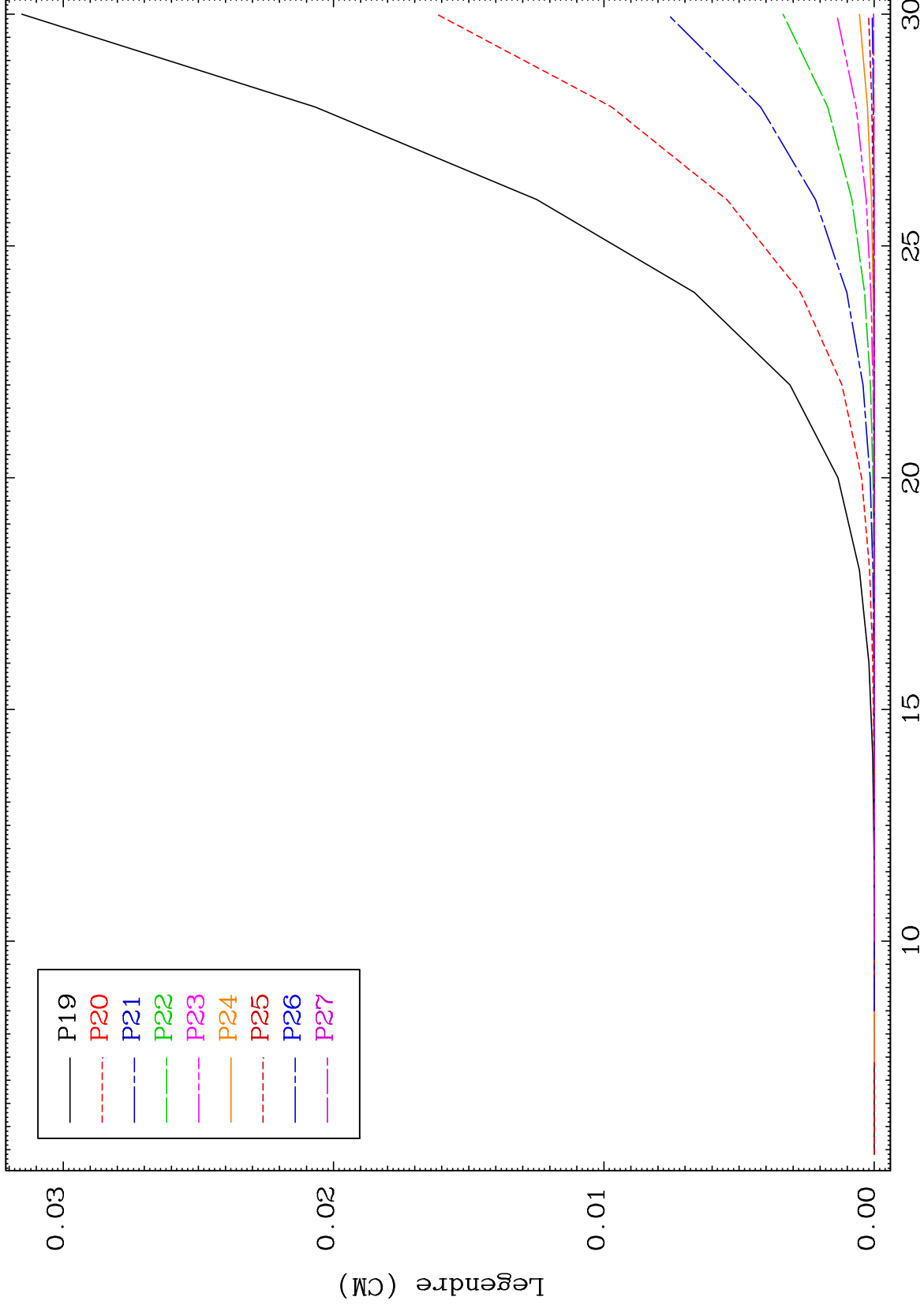
Incident Energy (MeV)

78-Pt-192

MAT 7831

Elastic
Legendre Coefficients

78-Pt-192



18

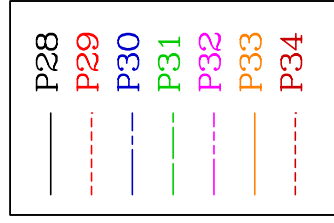
Incident Energy (MeV)

78-Pt-192

MAT 7831

Elastic
Legendre Coefficients

78-Pt-192



$\times 10^{-6}$

Legendre (CM)

8

6

4

2

0

15

20

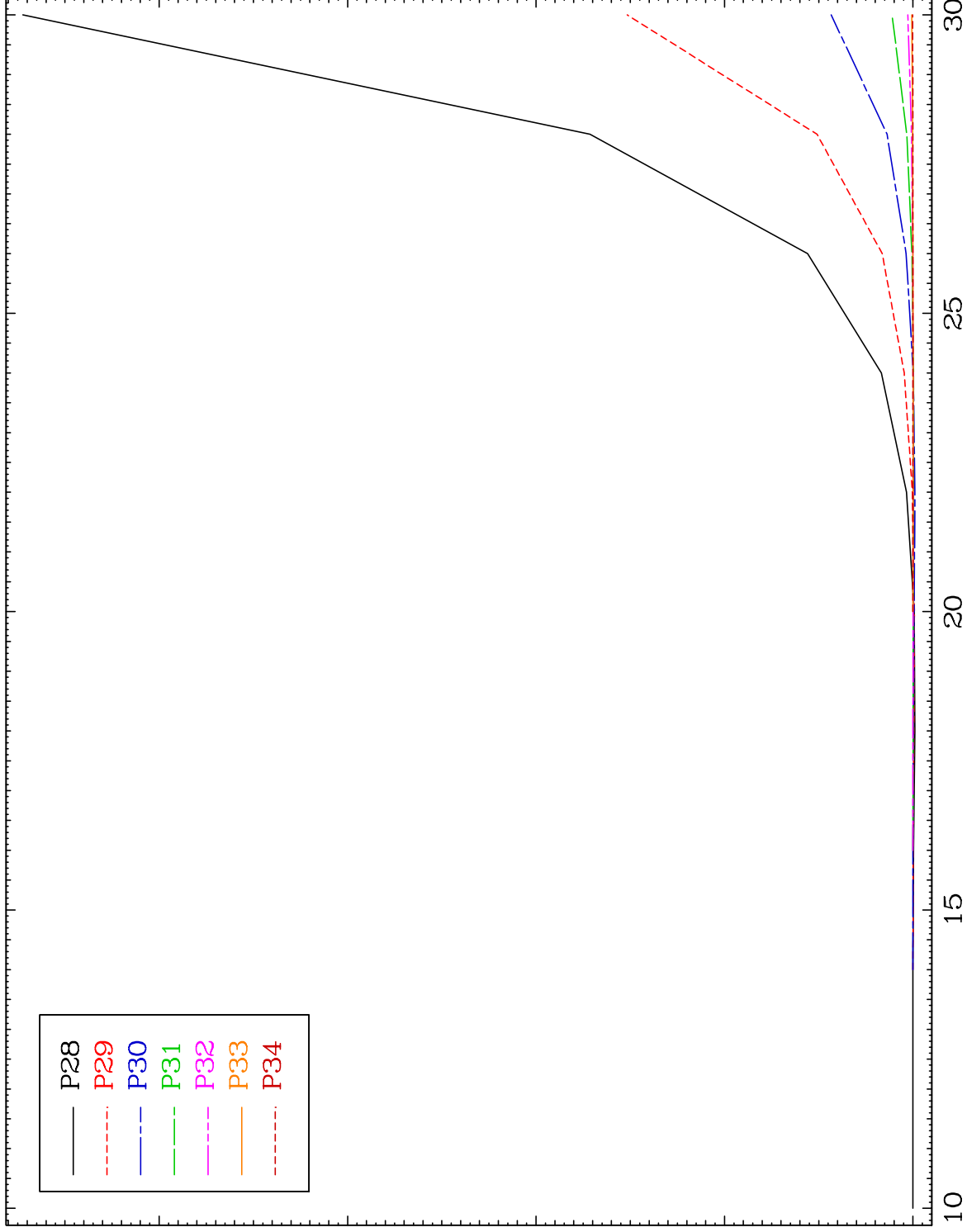
25

30

19

Incident Energy (MeV)

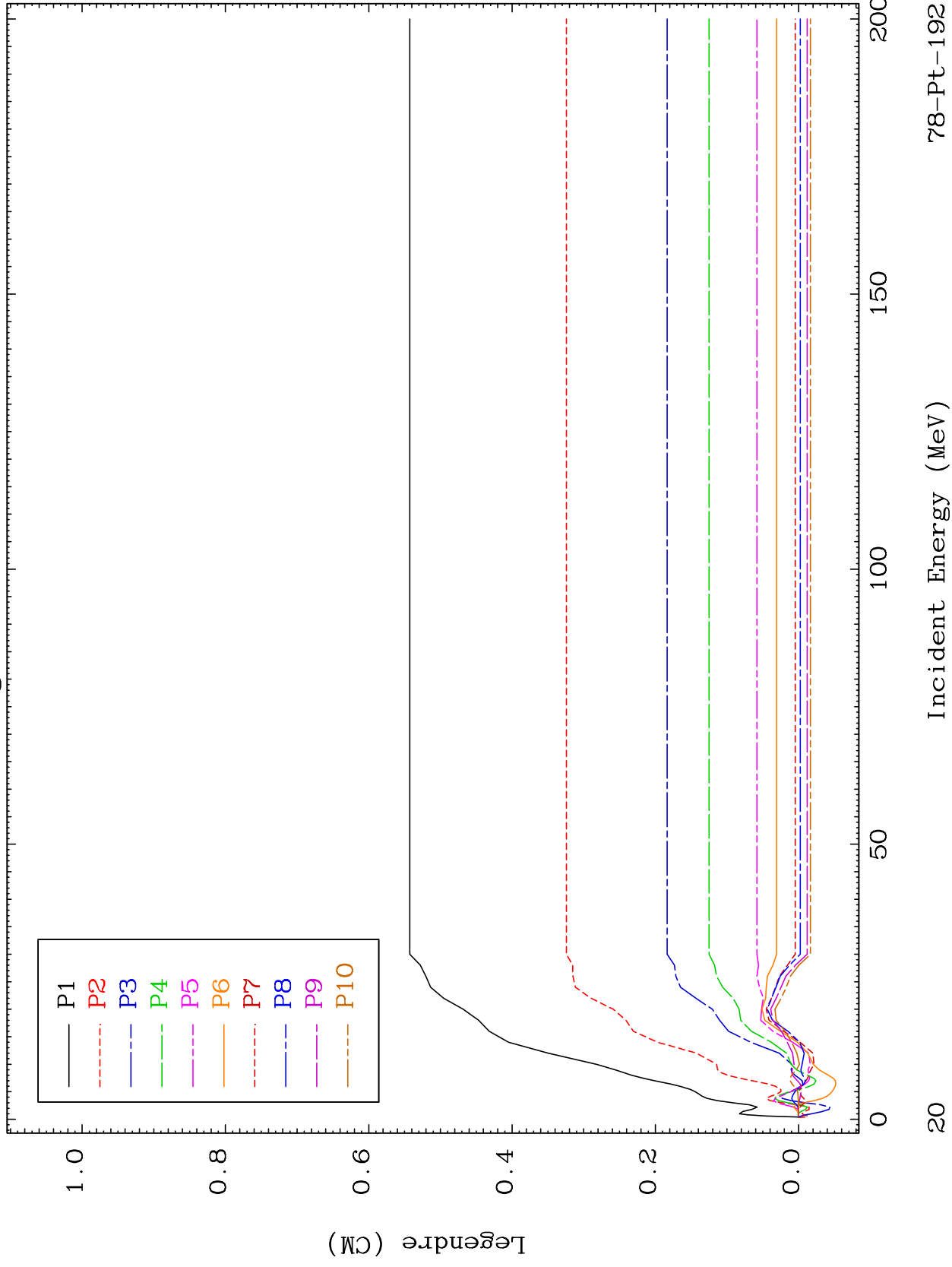
78-Pt-192



MAT 7831

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

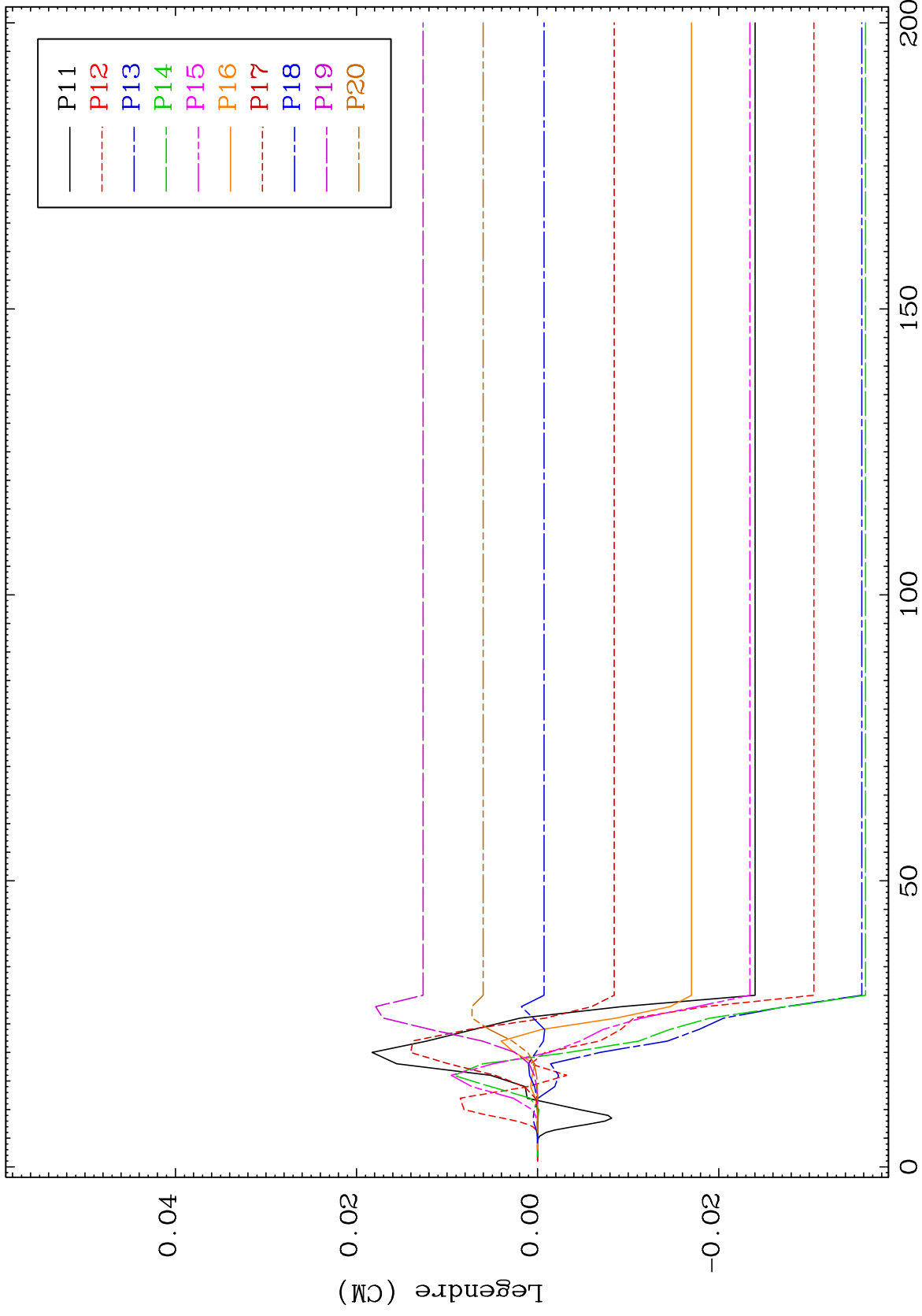
78-Pt-192



MAT 7831

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

78-Pt-192



21

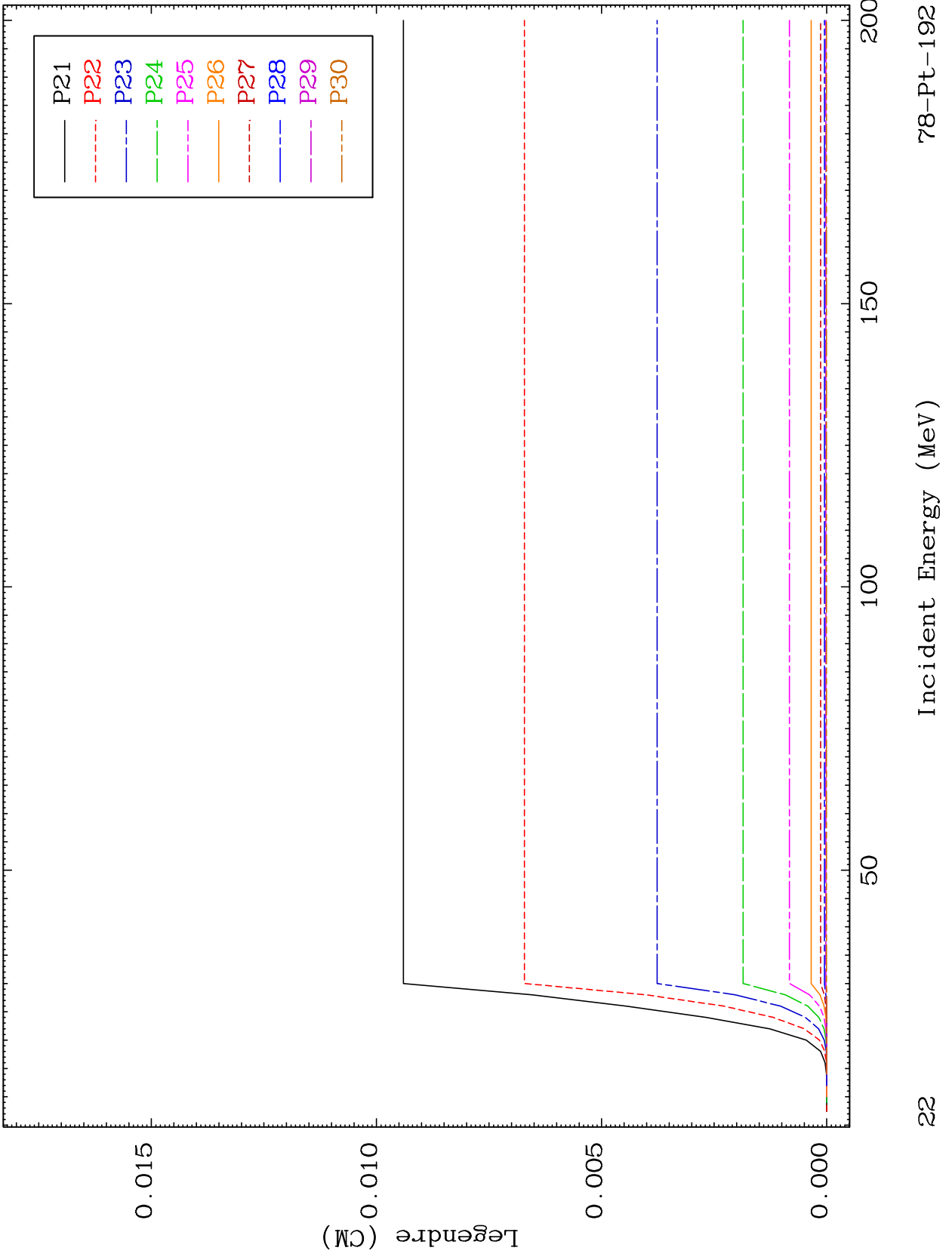
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



22

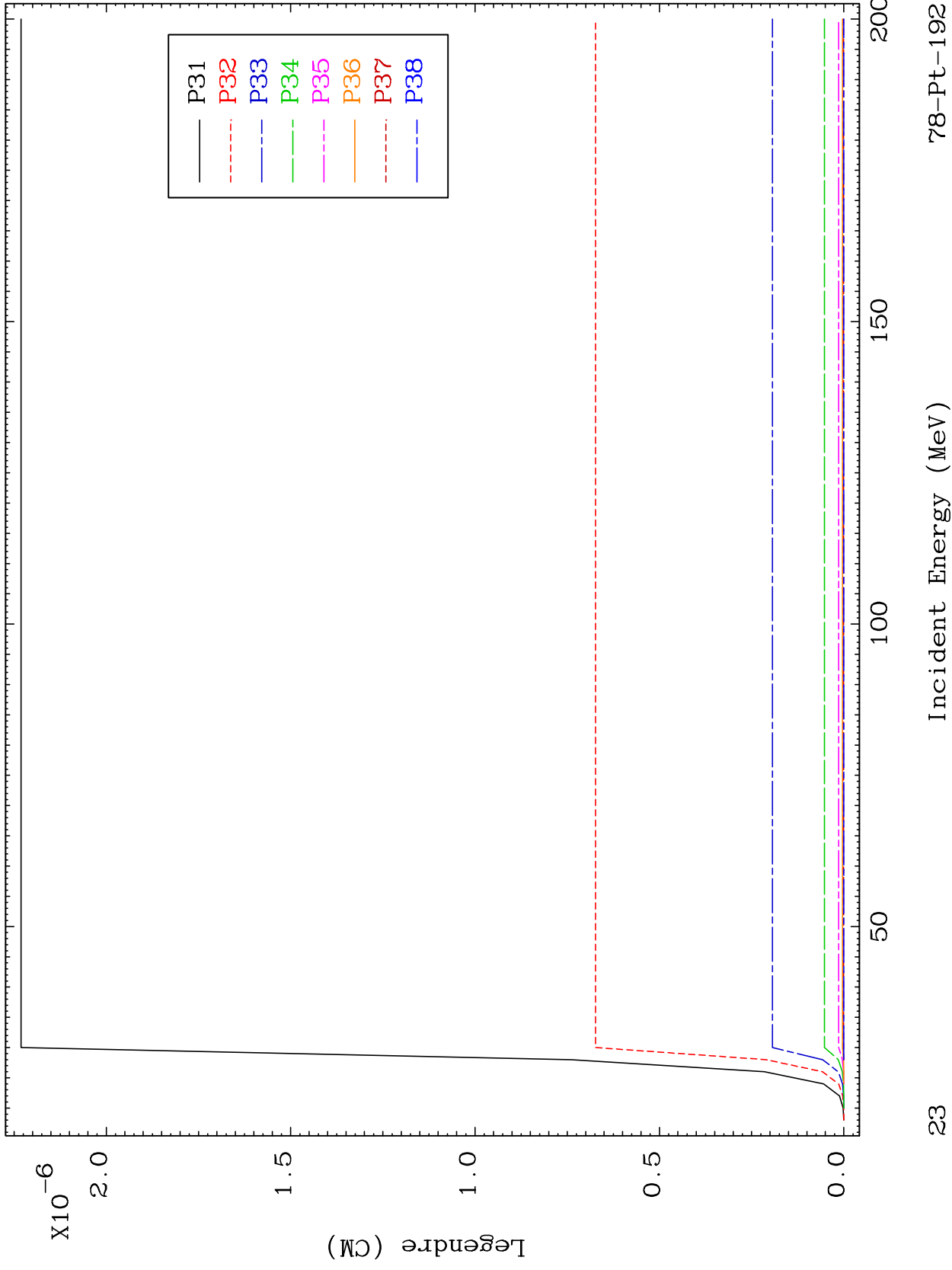
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



23

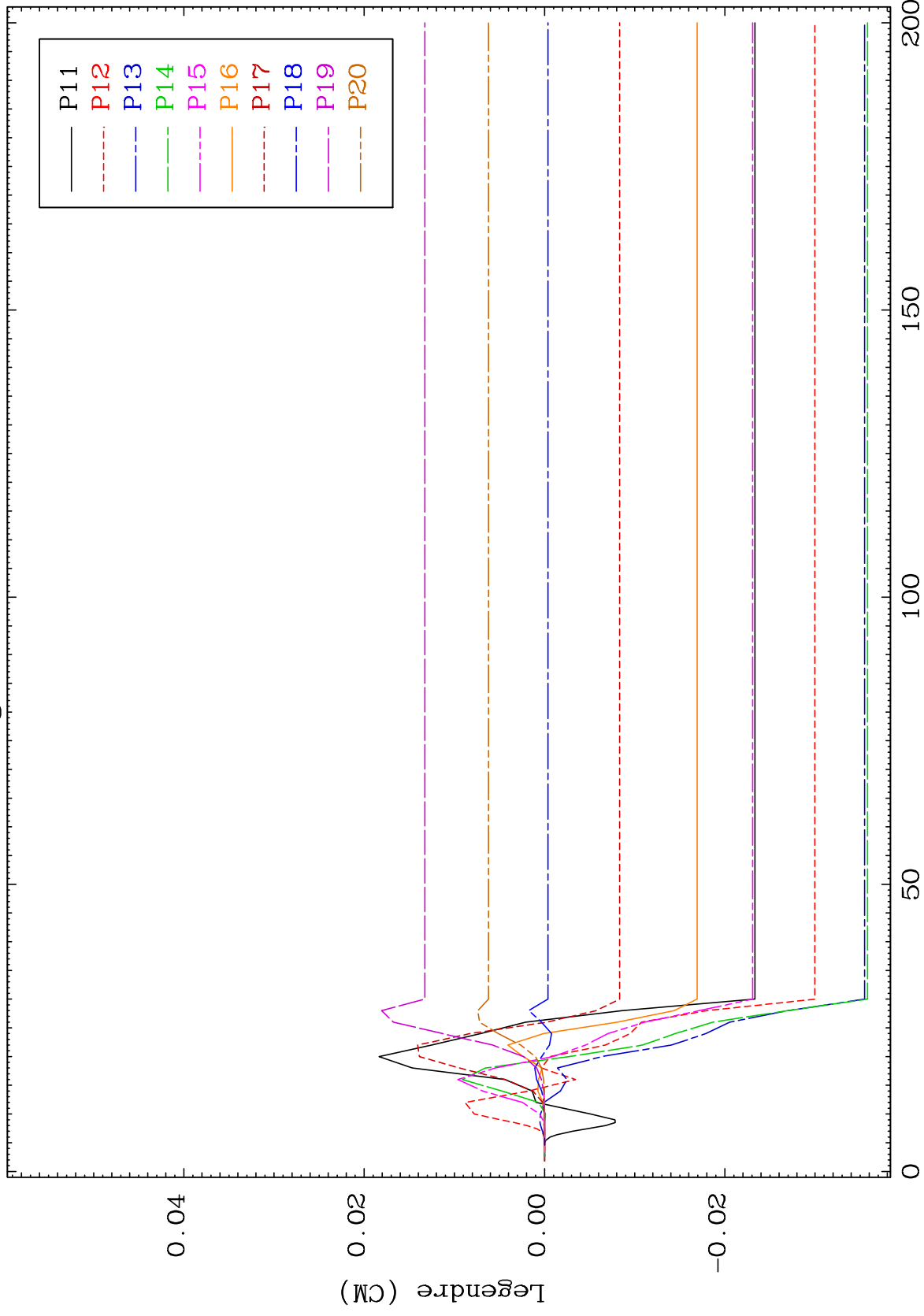
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



78-Pt-192

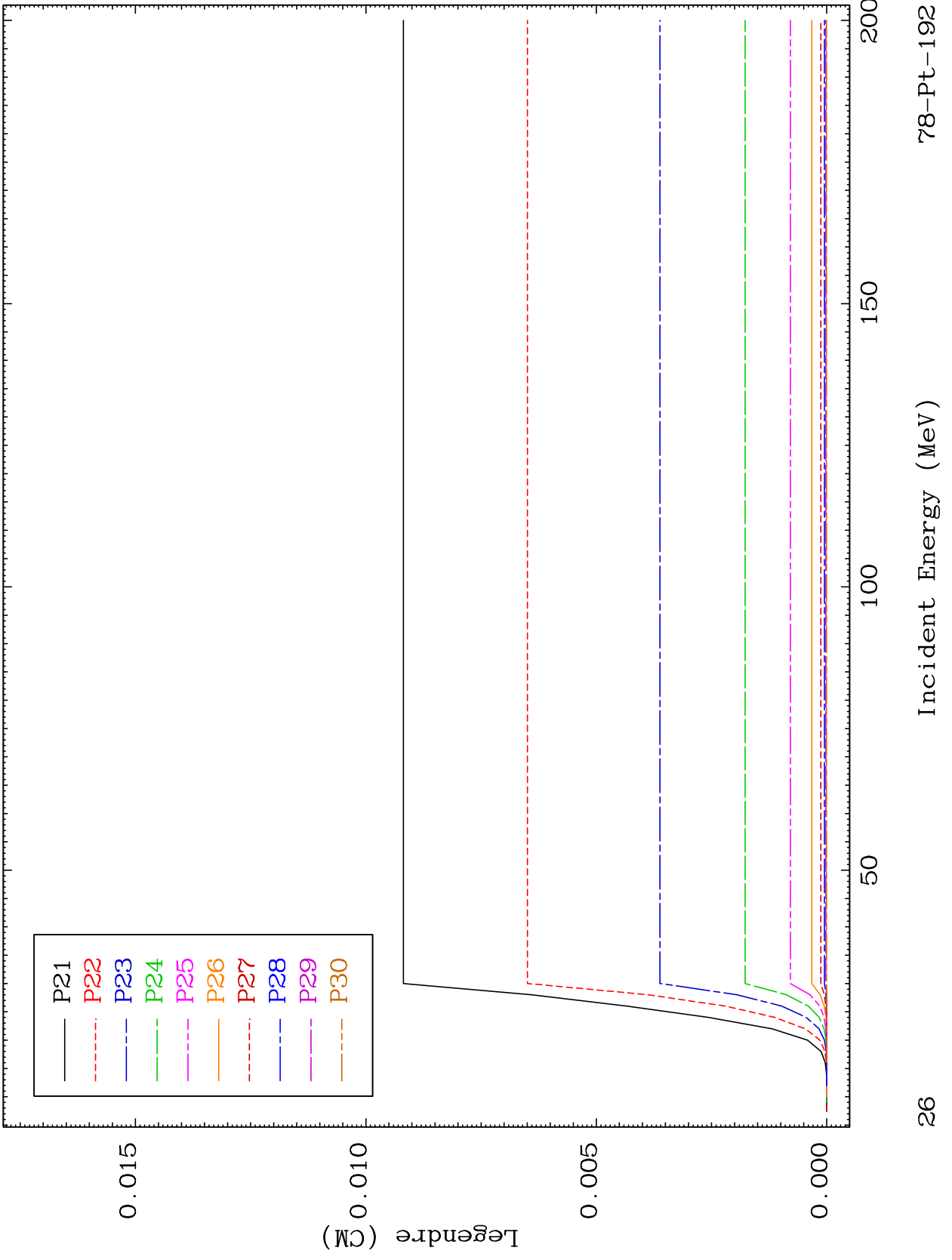
Incident Energy (MeV)

25

MAT 7831

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

78-Pt-192



26

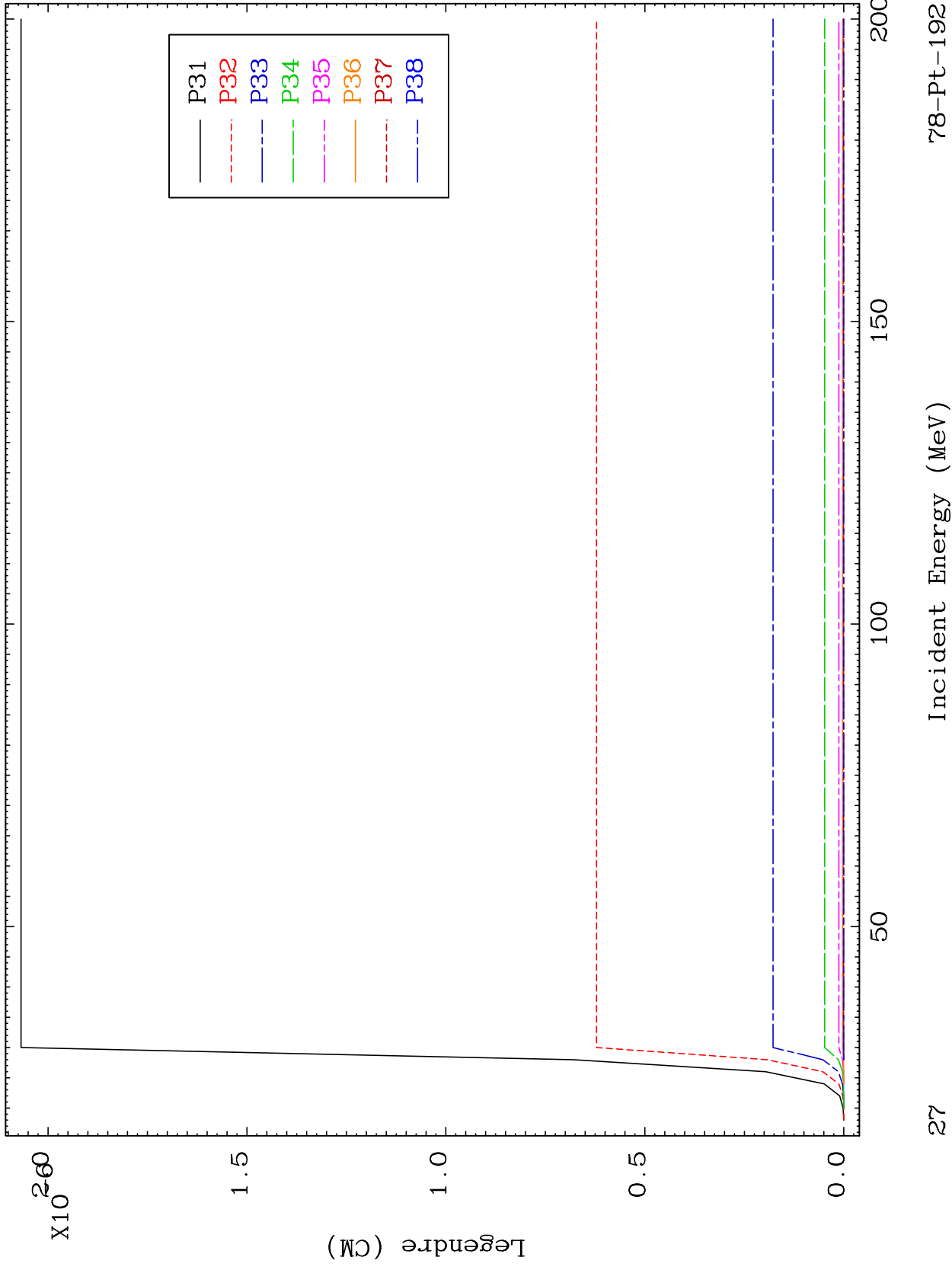
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

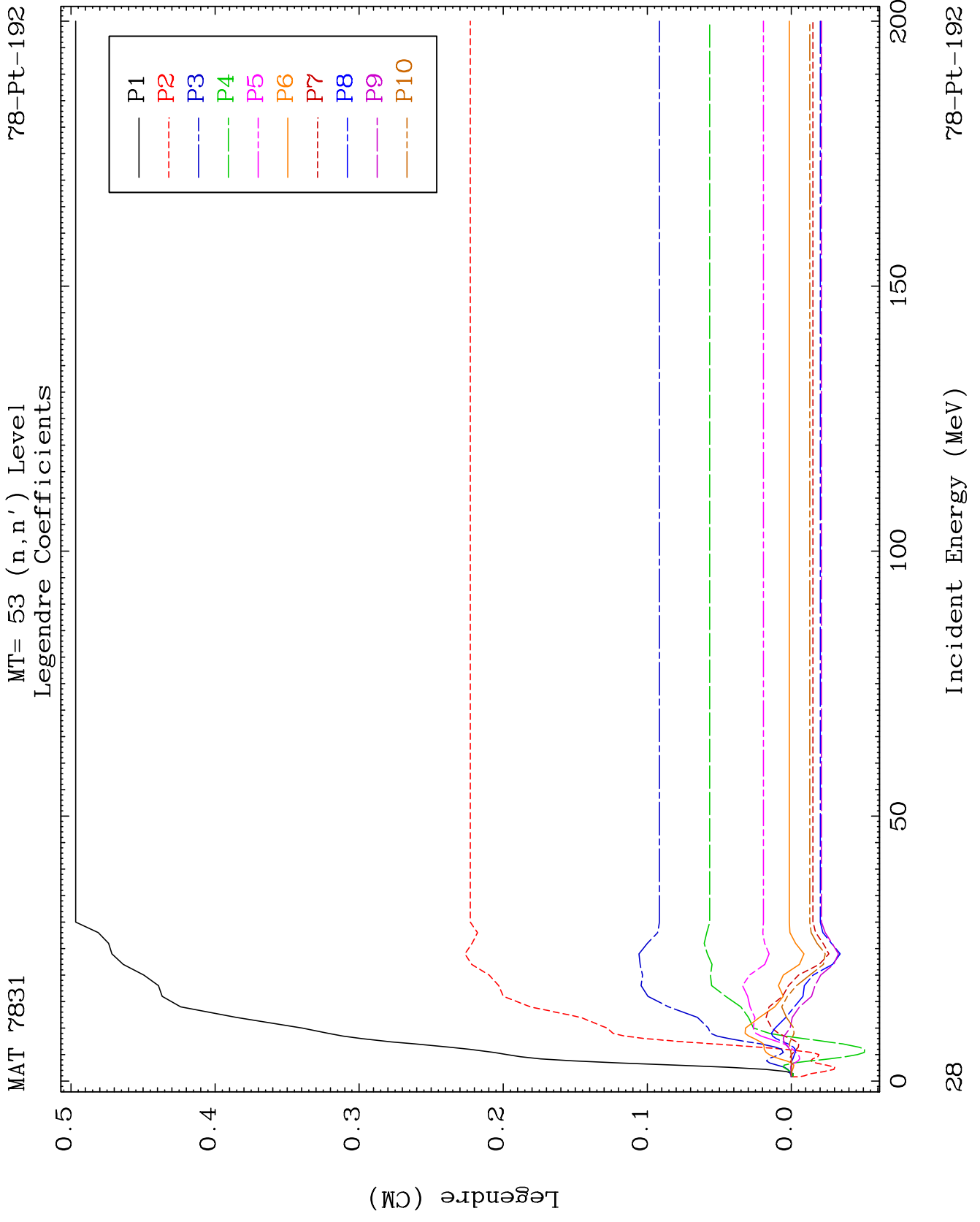
78-Pt-192



27

Incident Energy (MeV)

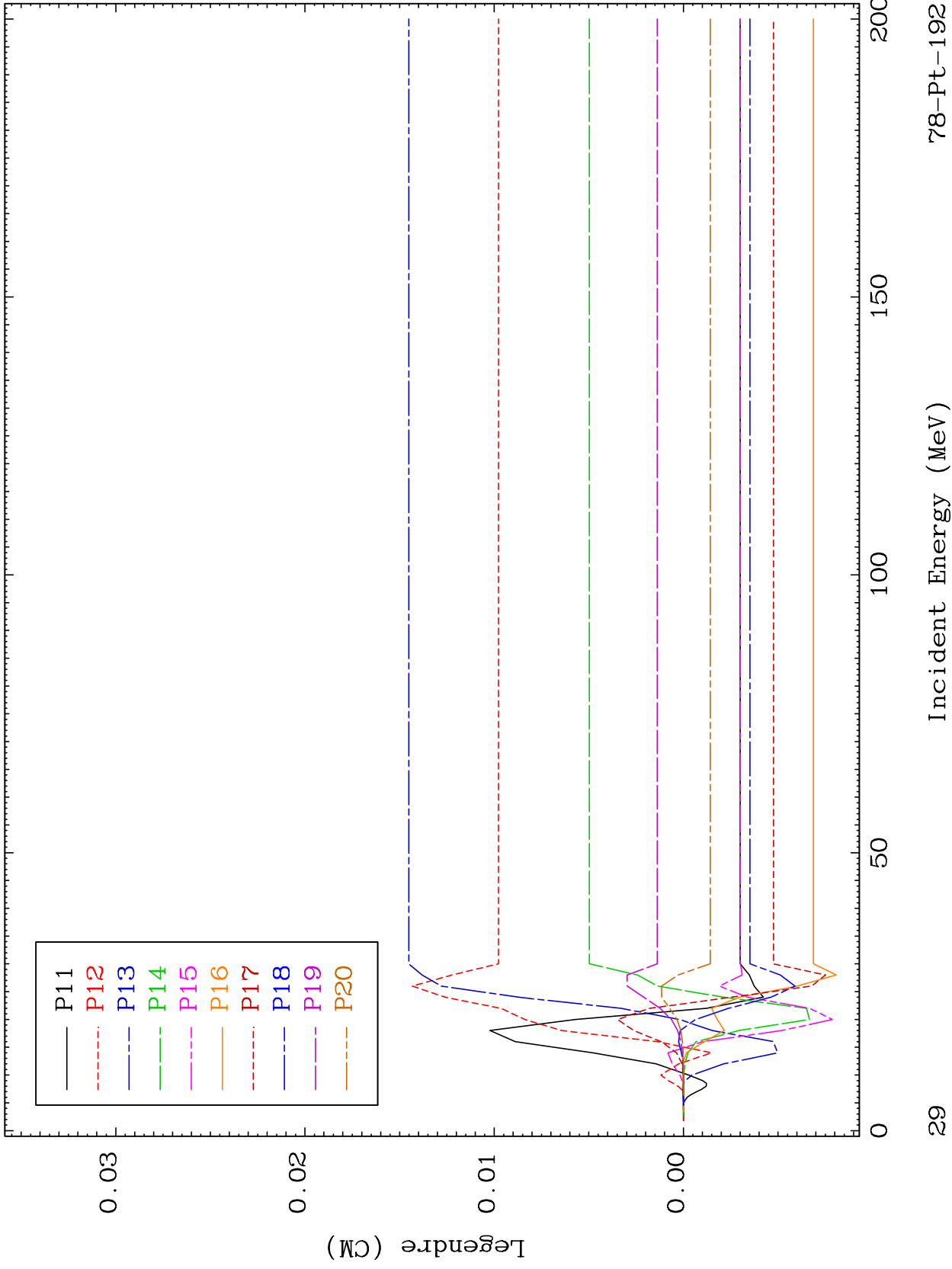
78-Pt-192



MAT 7831

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

78-Pt-192



29

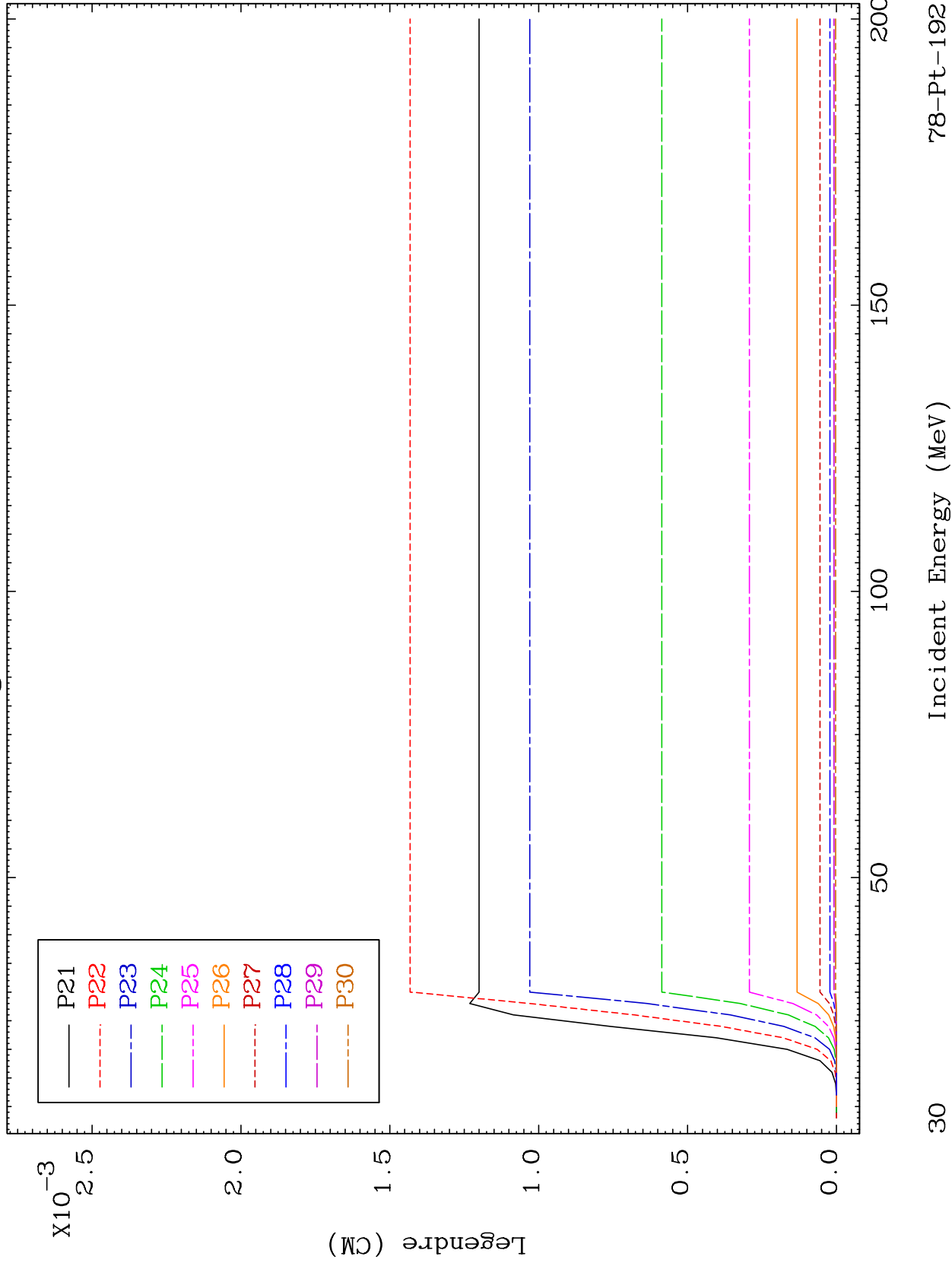
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



30

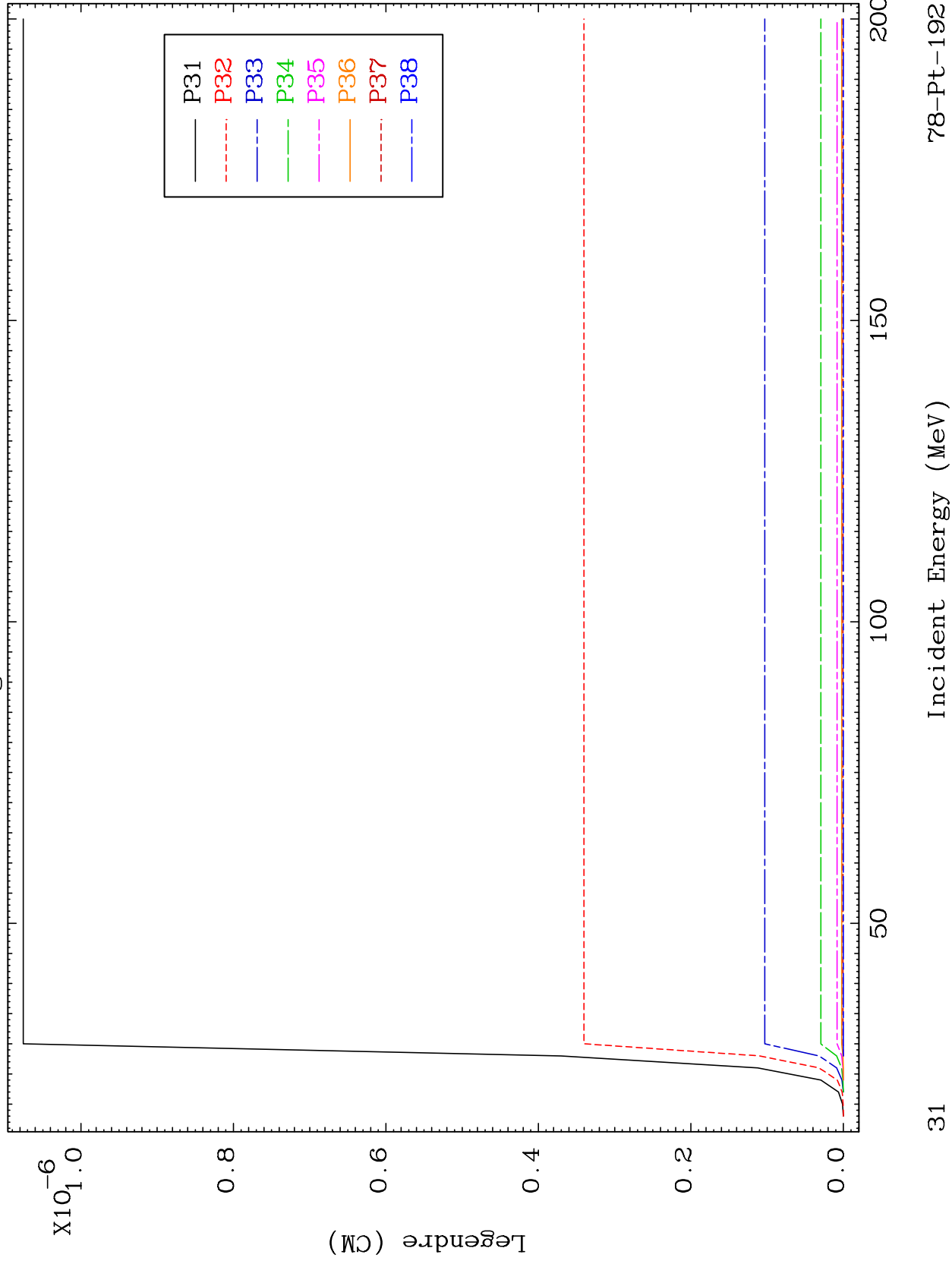
Incident Energy (MeV)

78-Pt-192

MAT 7831

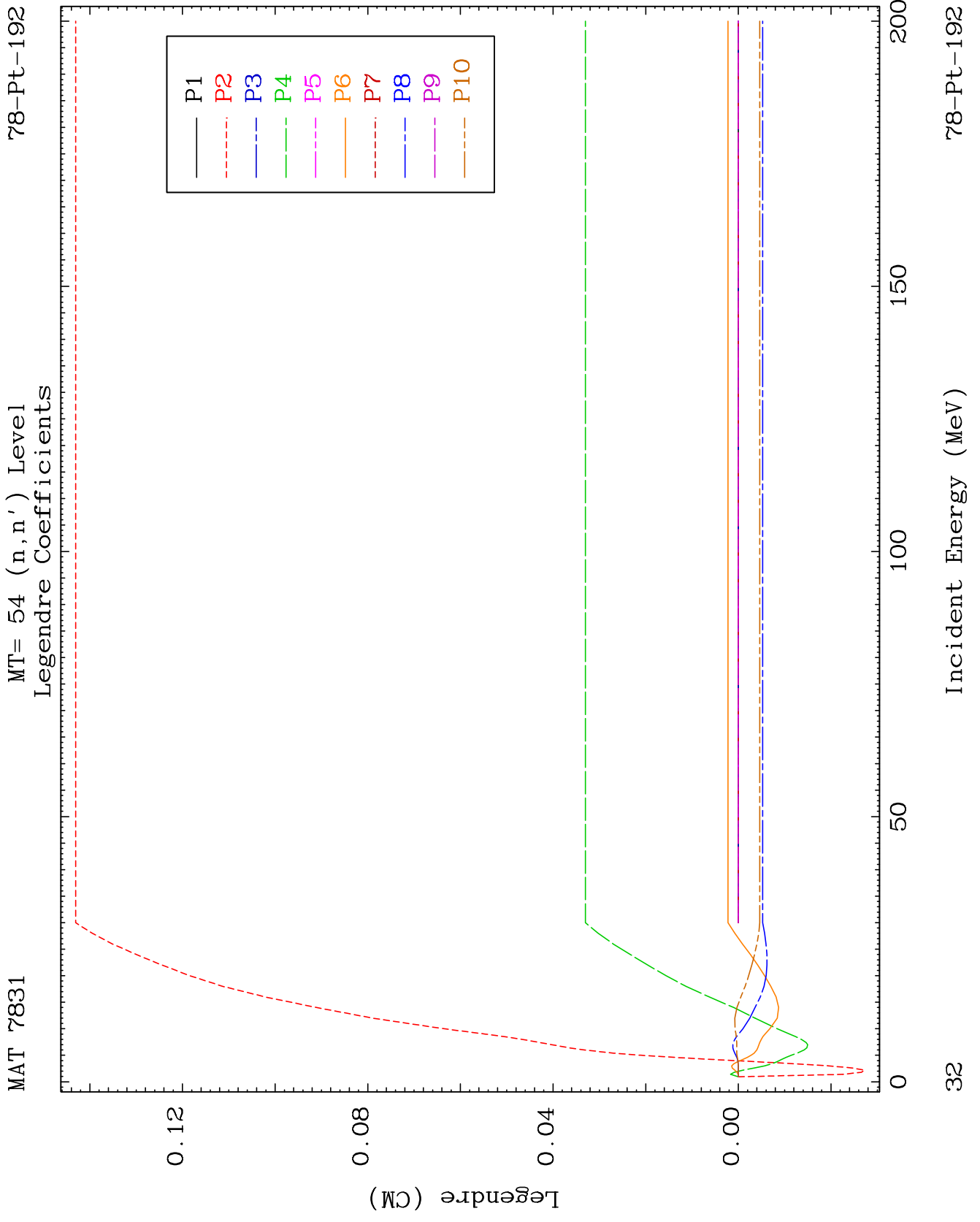
MT= 53 (n,n') Level
Legendre Coefficients

78-Pt-192



31

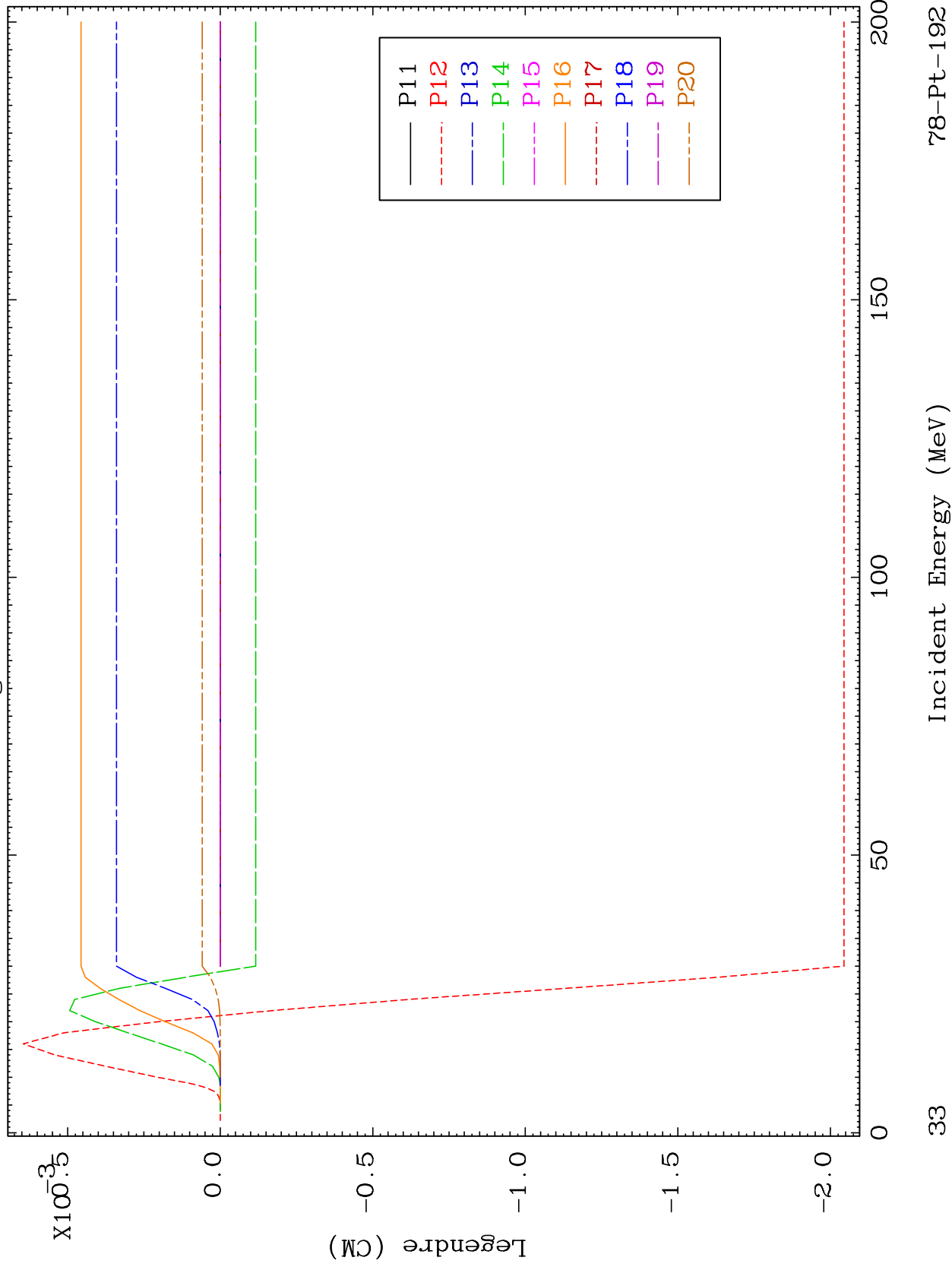
78-Pt-192



MAT 7831

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

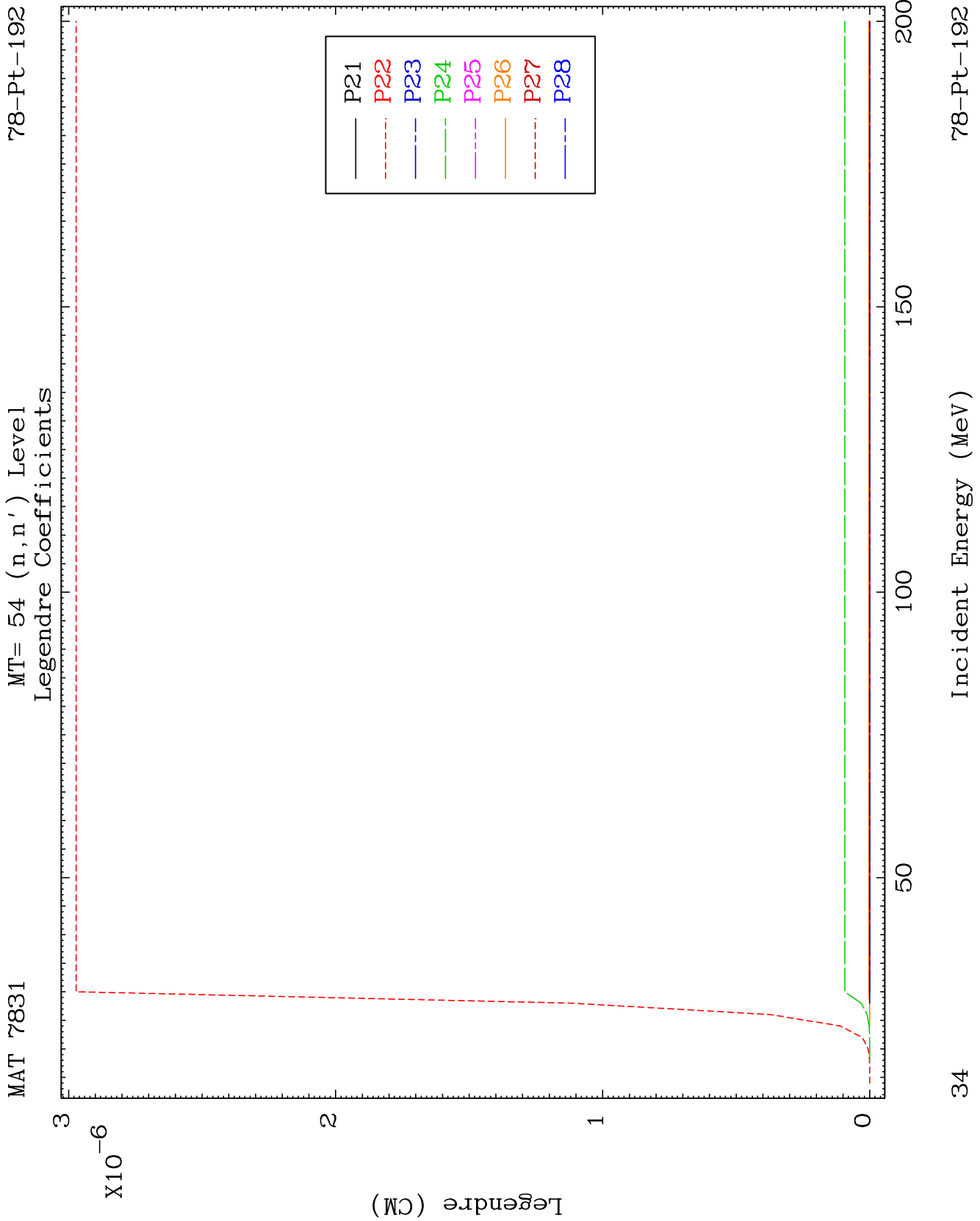
78-Pt-192



33

Incident Energy (MeV)

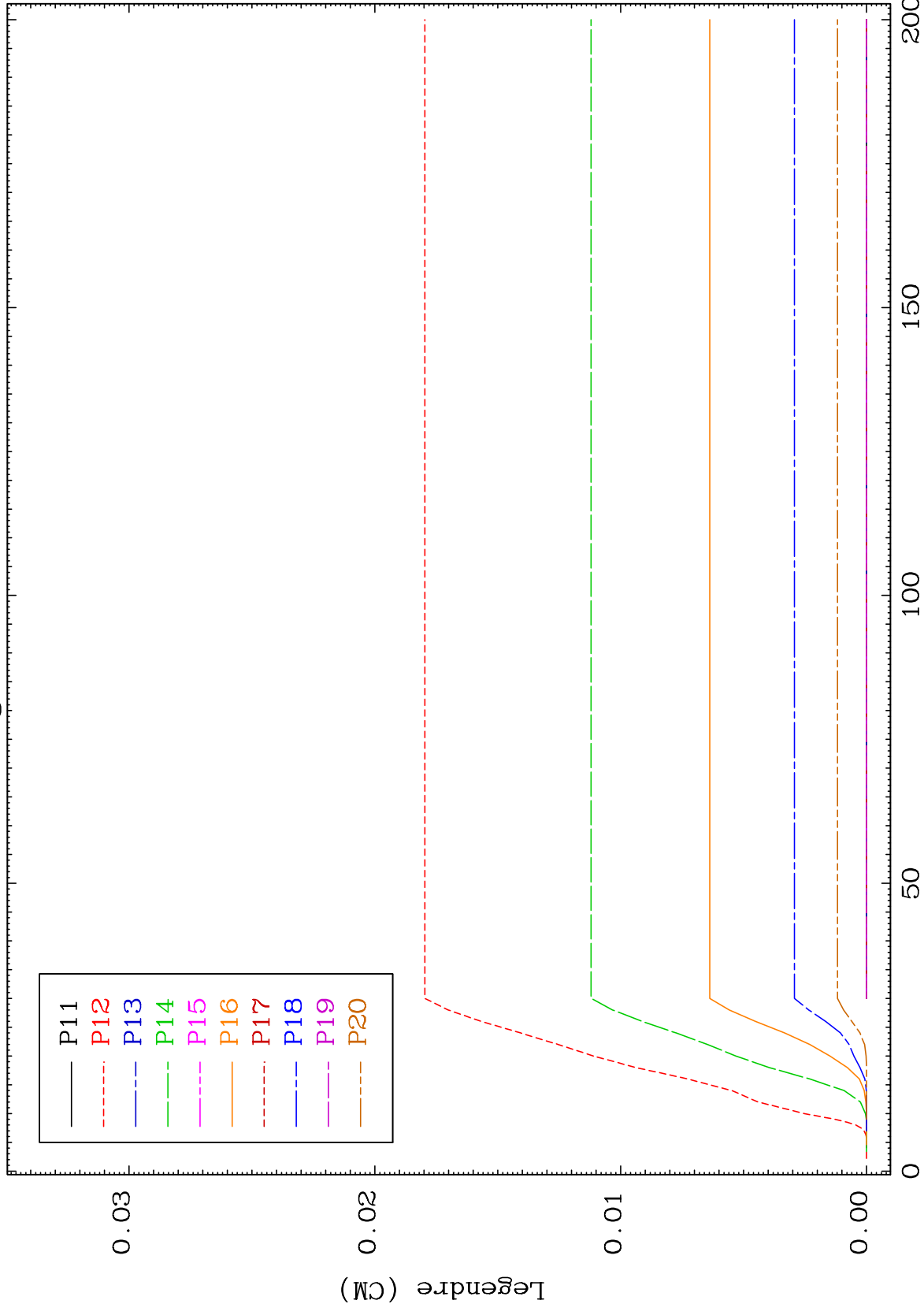
78-Pt-192



MAT 7831

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

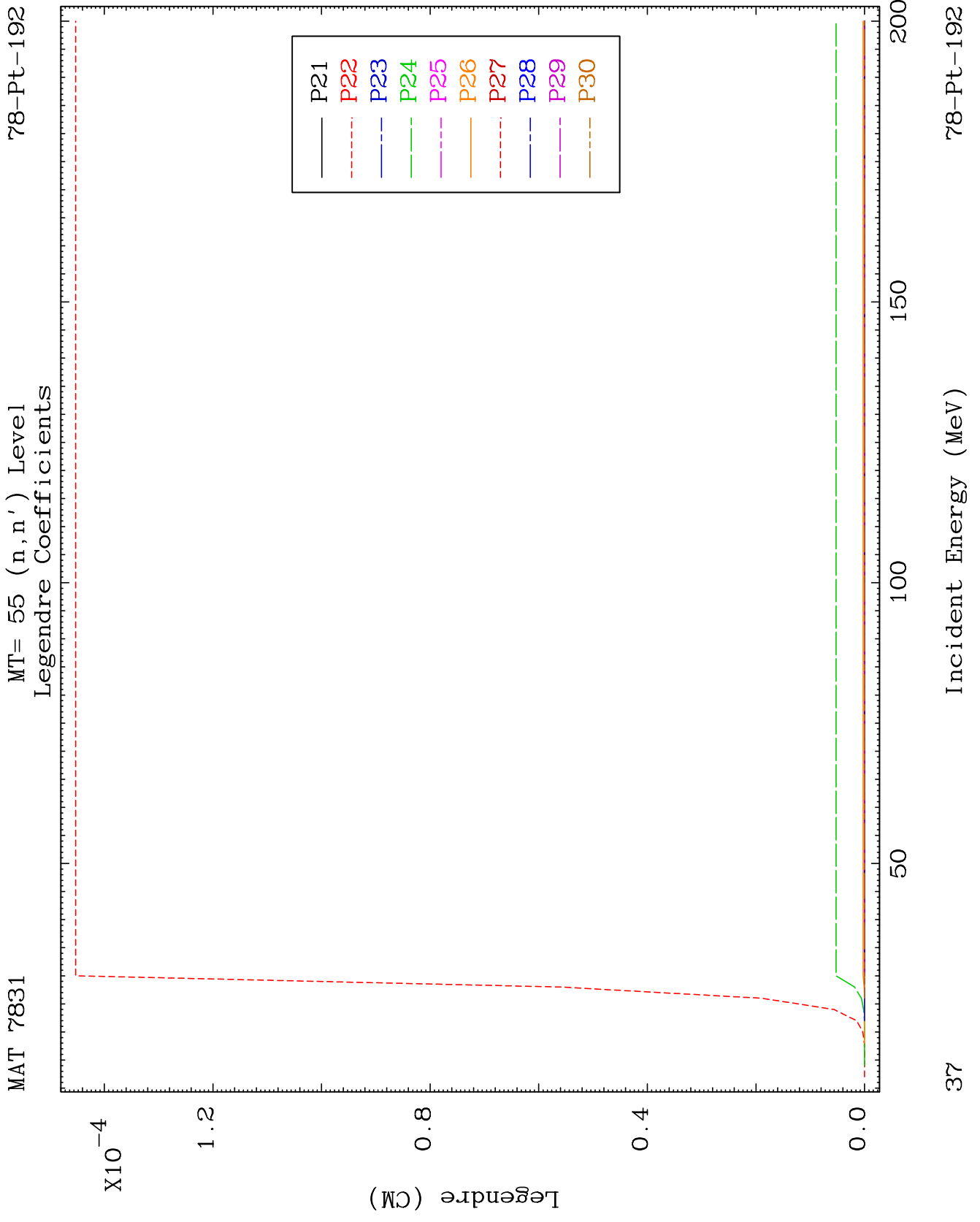
78-Pt-192

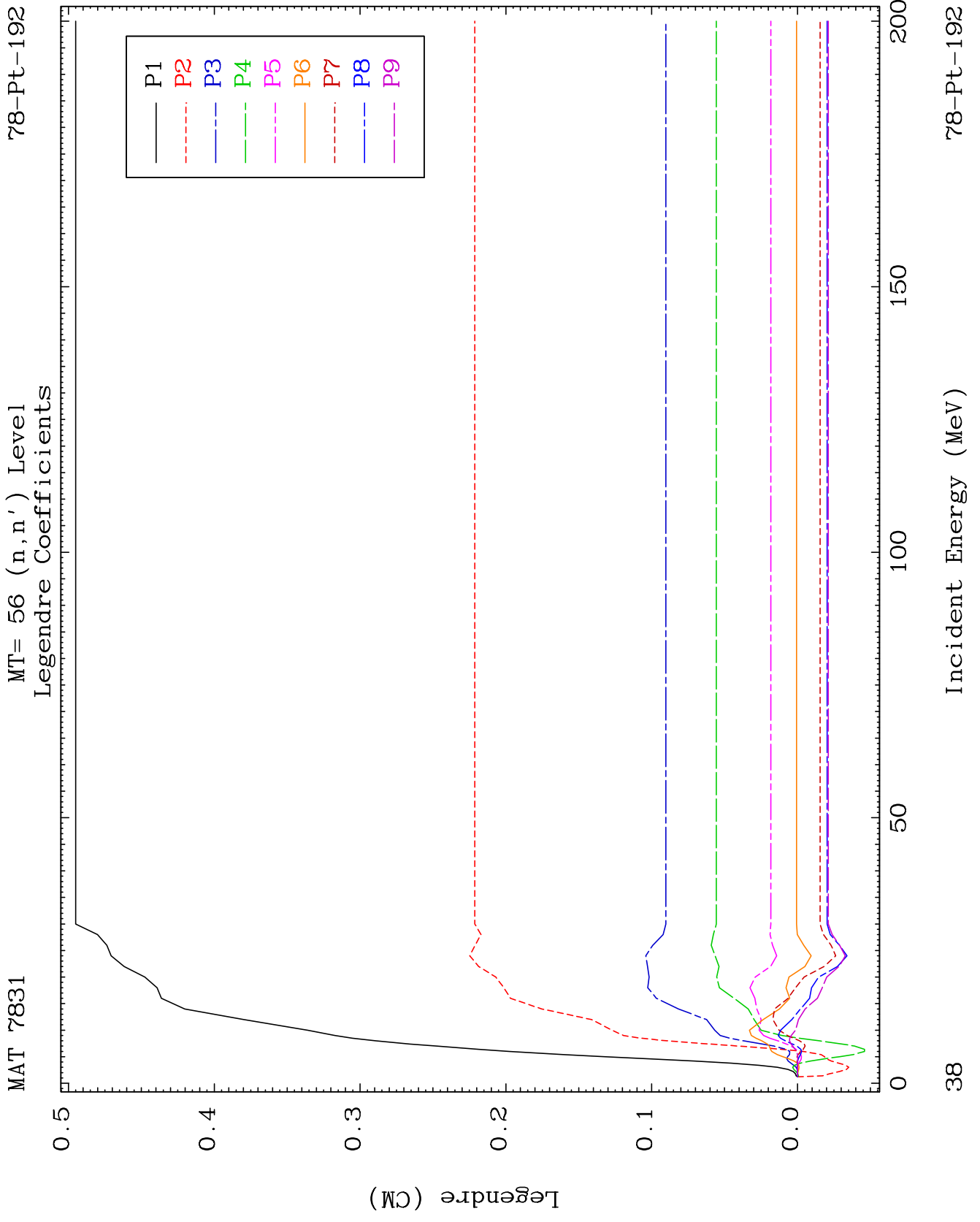


36

Incident Energy (MeV)

78-Pt-192

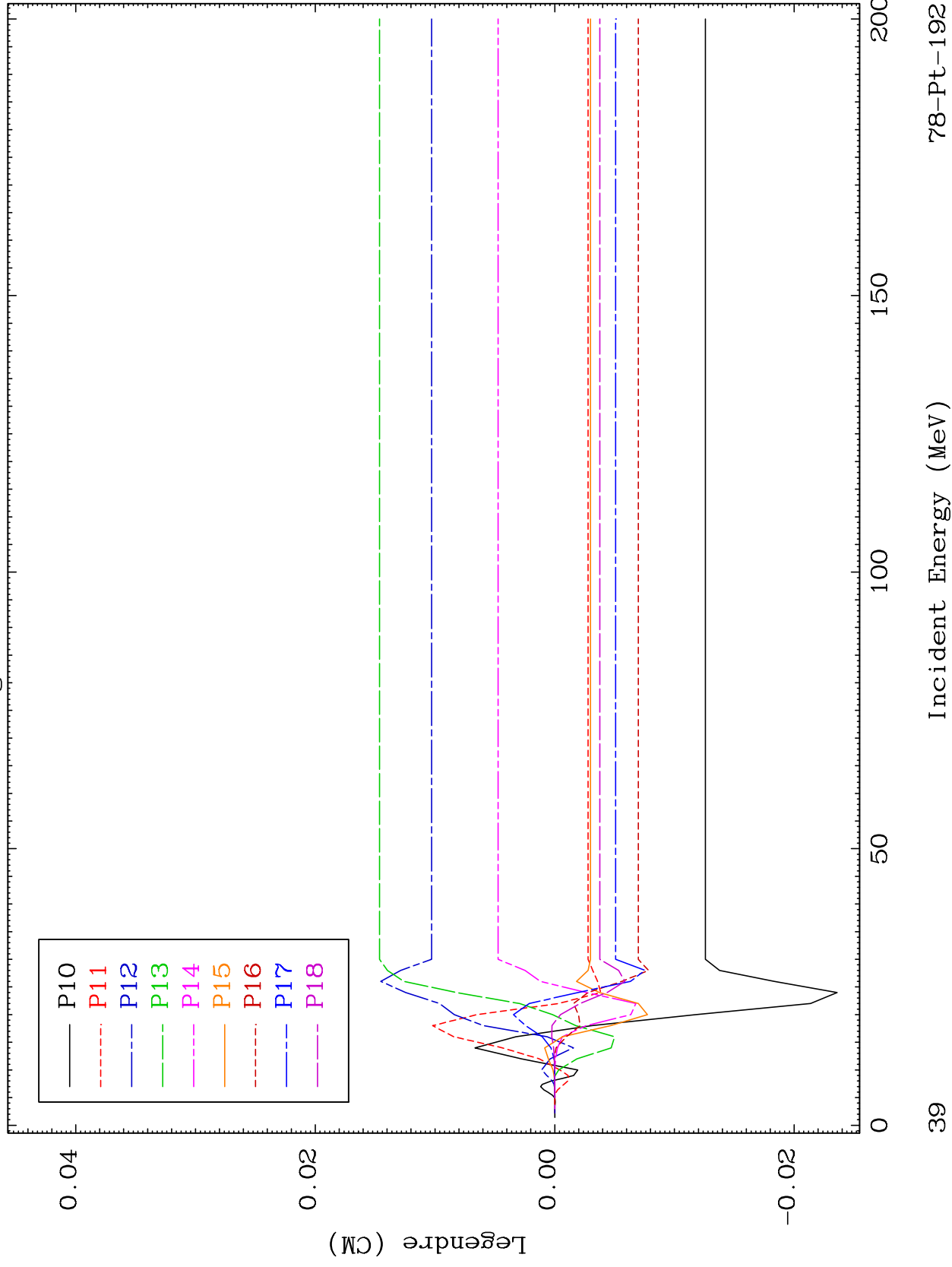




MAT 7831

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

78-Pt-192



78-Pt-192

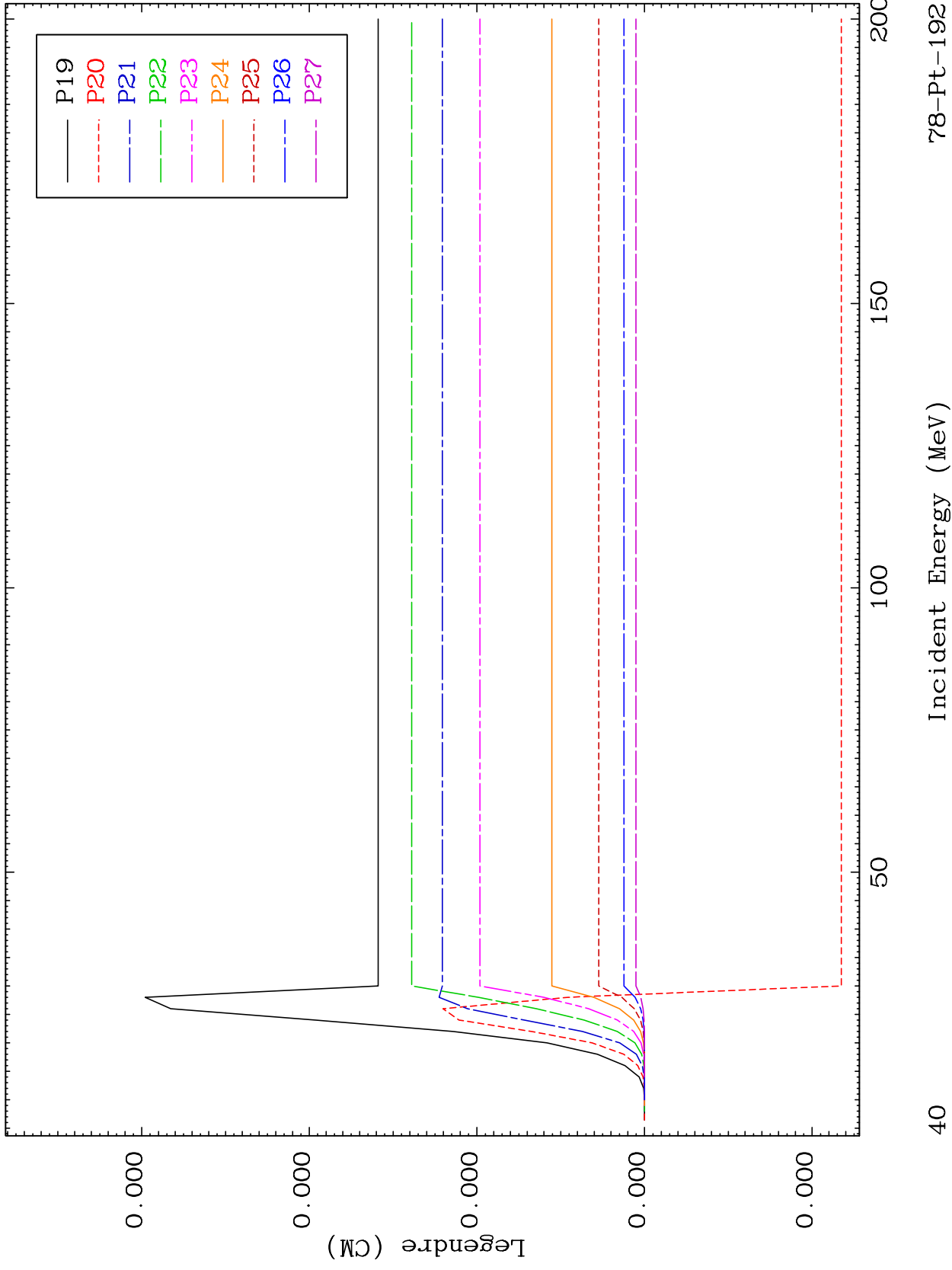
Incident Energy (MeV)

39

MAT 7831

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

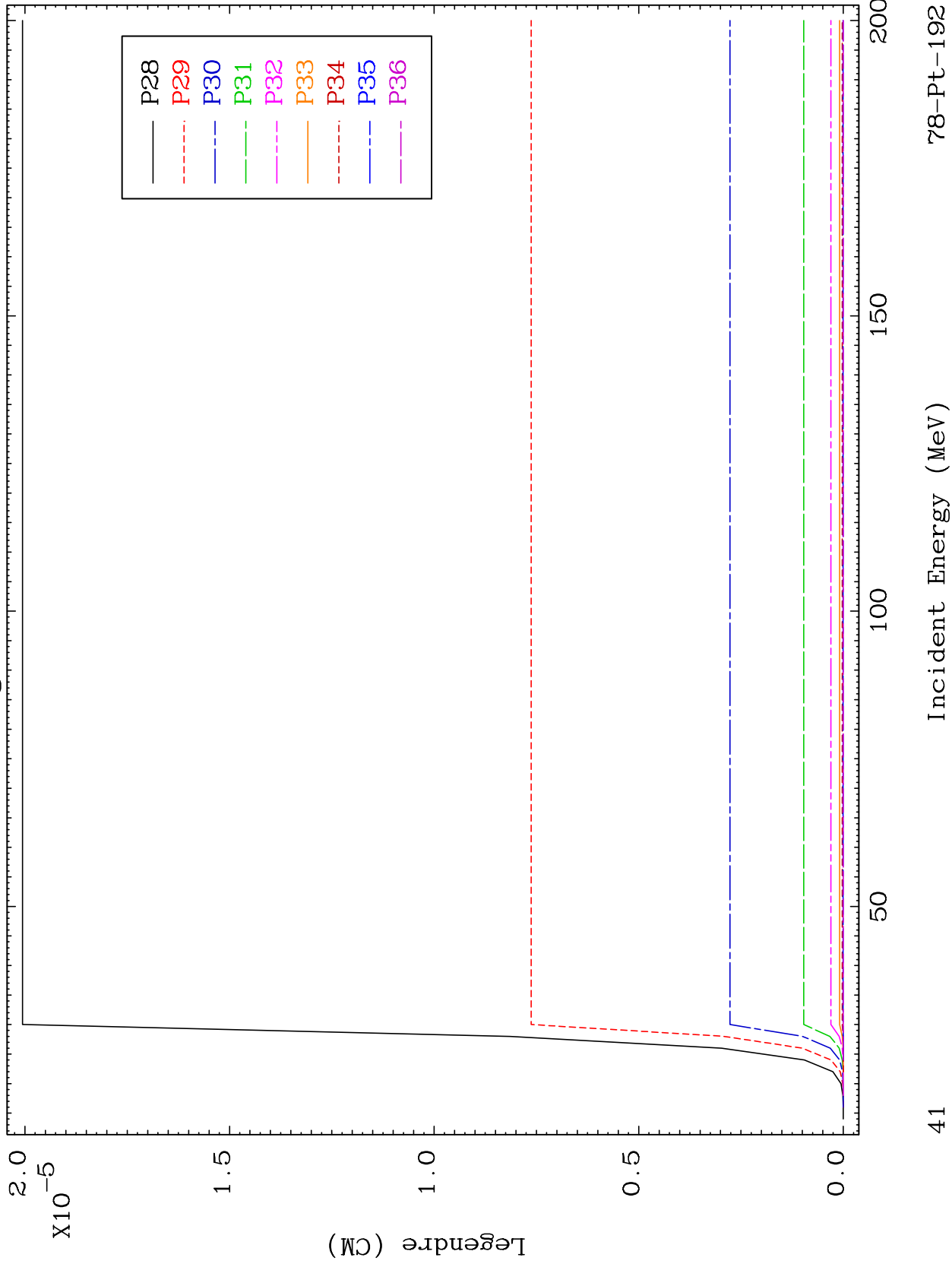
78-Pt-192



MAT 7831

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

78-Pt-192



41

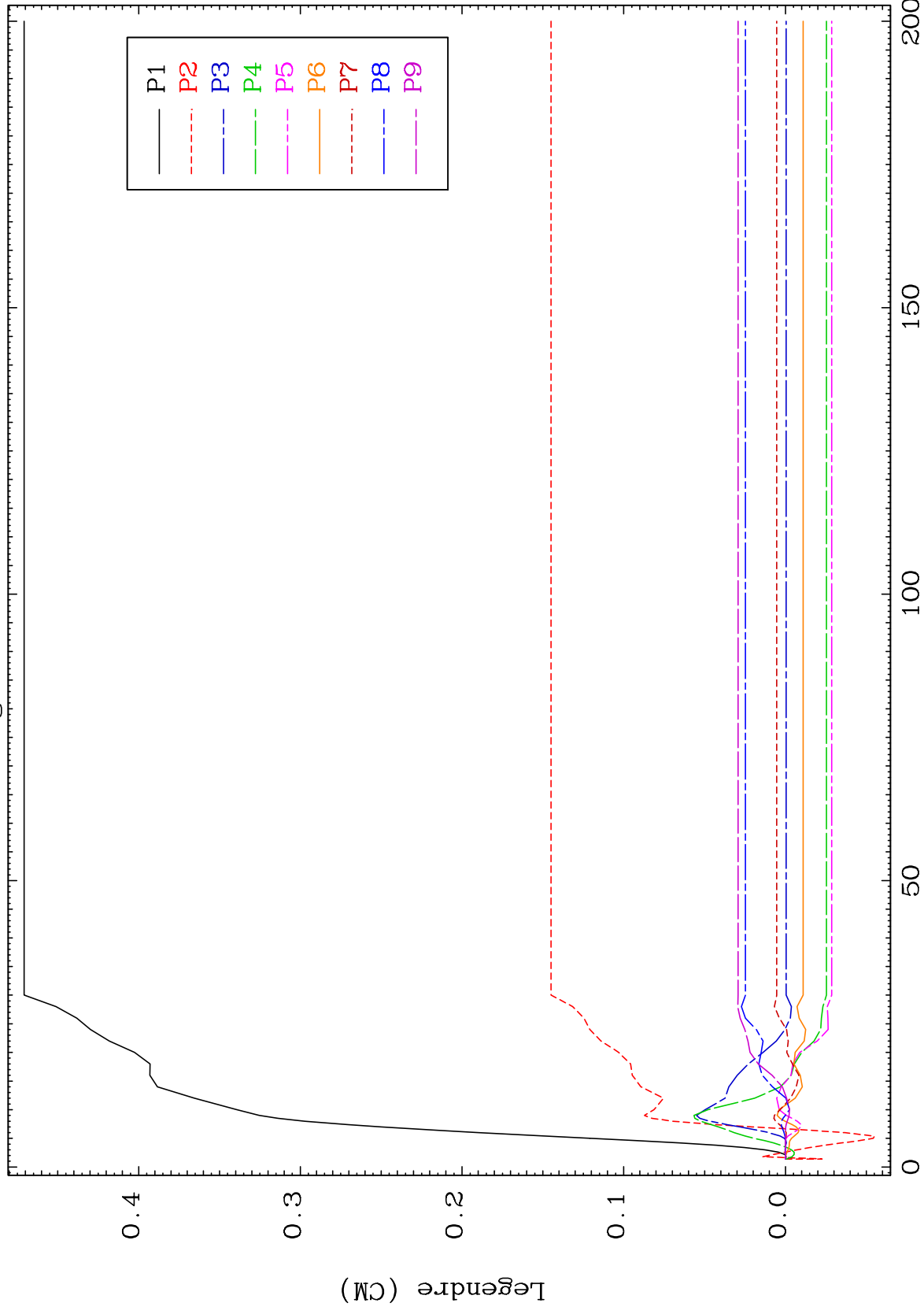
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



78-Pt-192

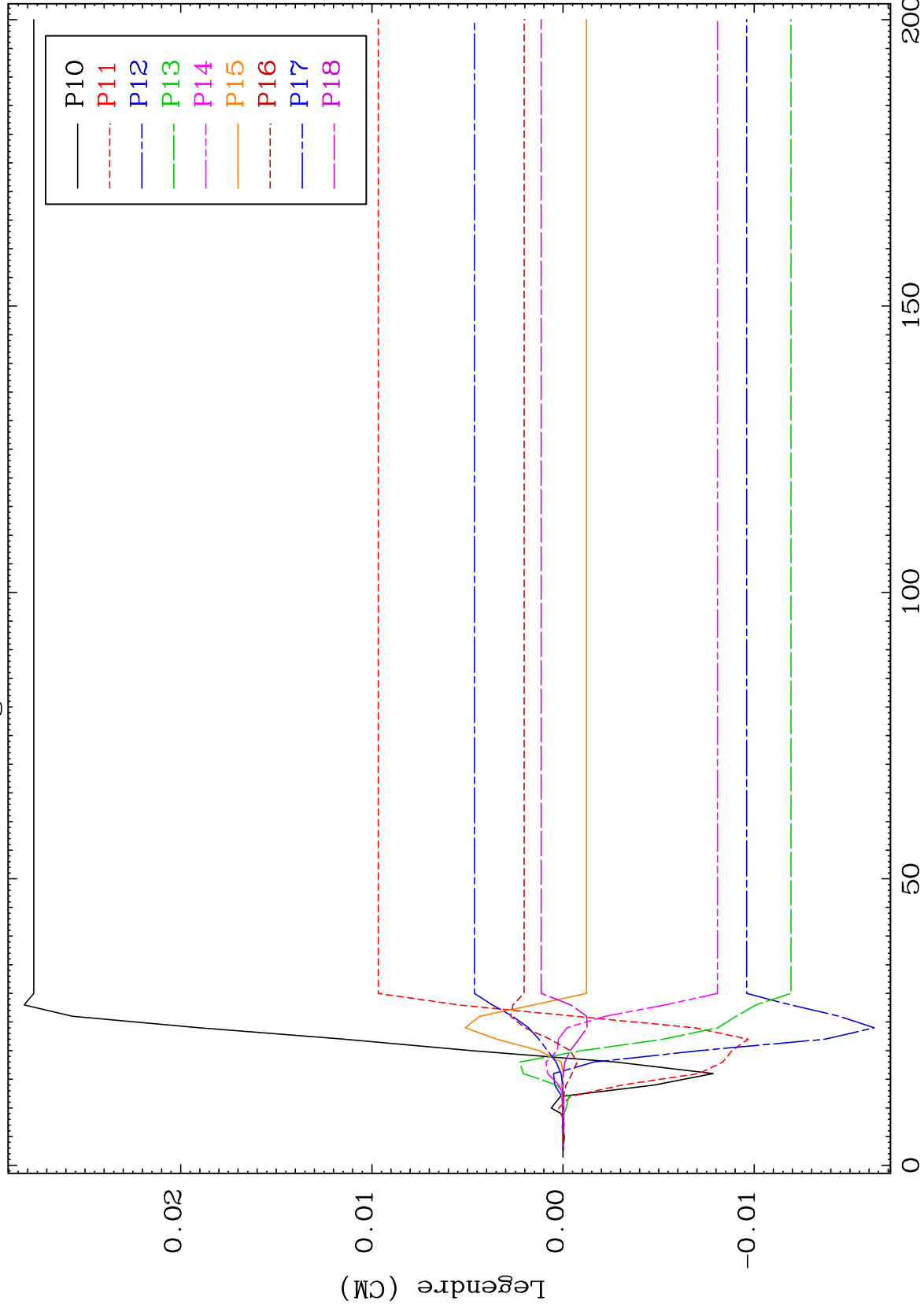
Incident Energy (MeV)

42

MAT 7831

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

78-Pt-192



43

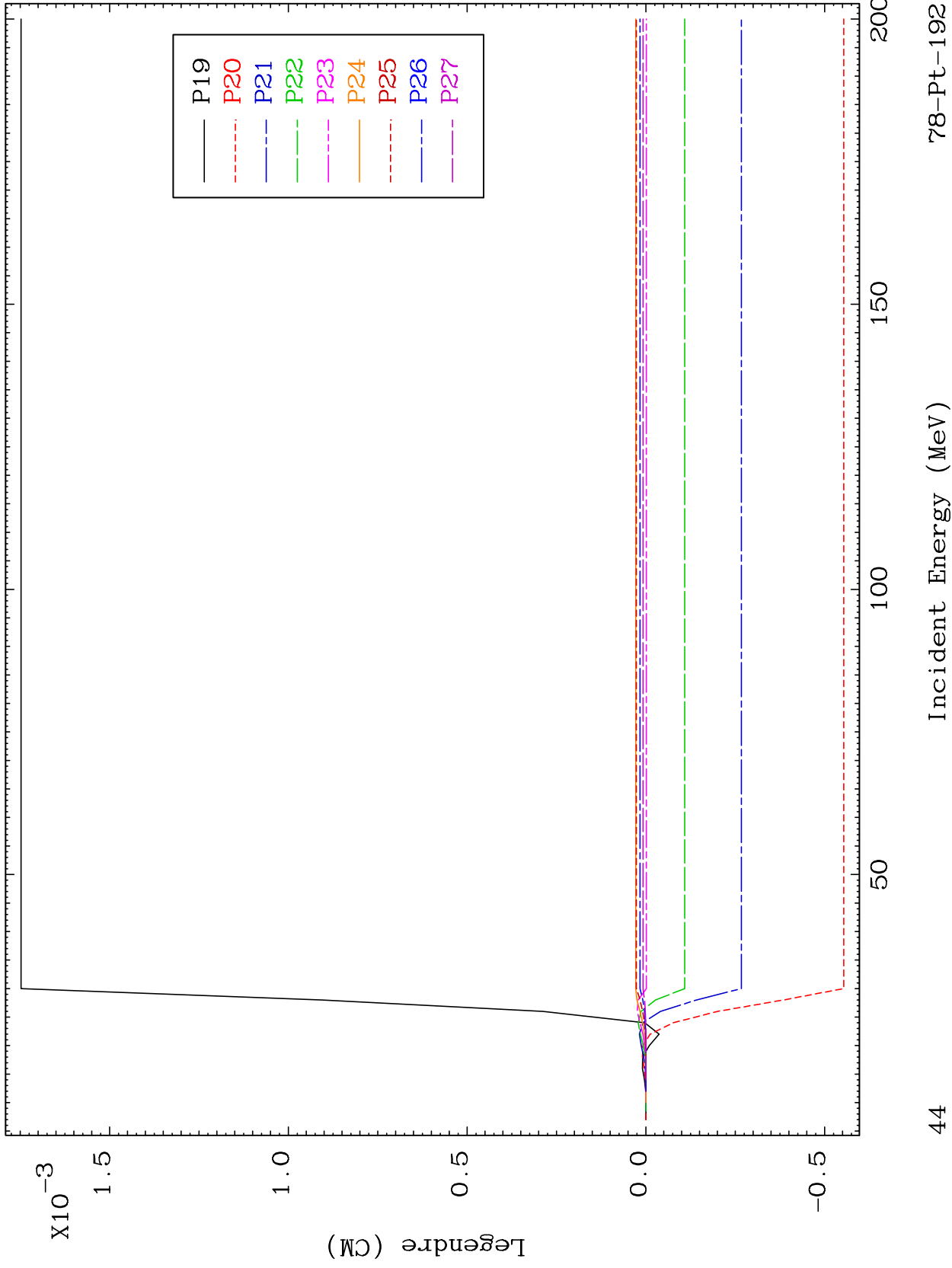
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

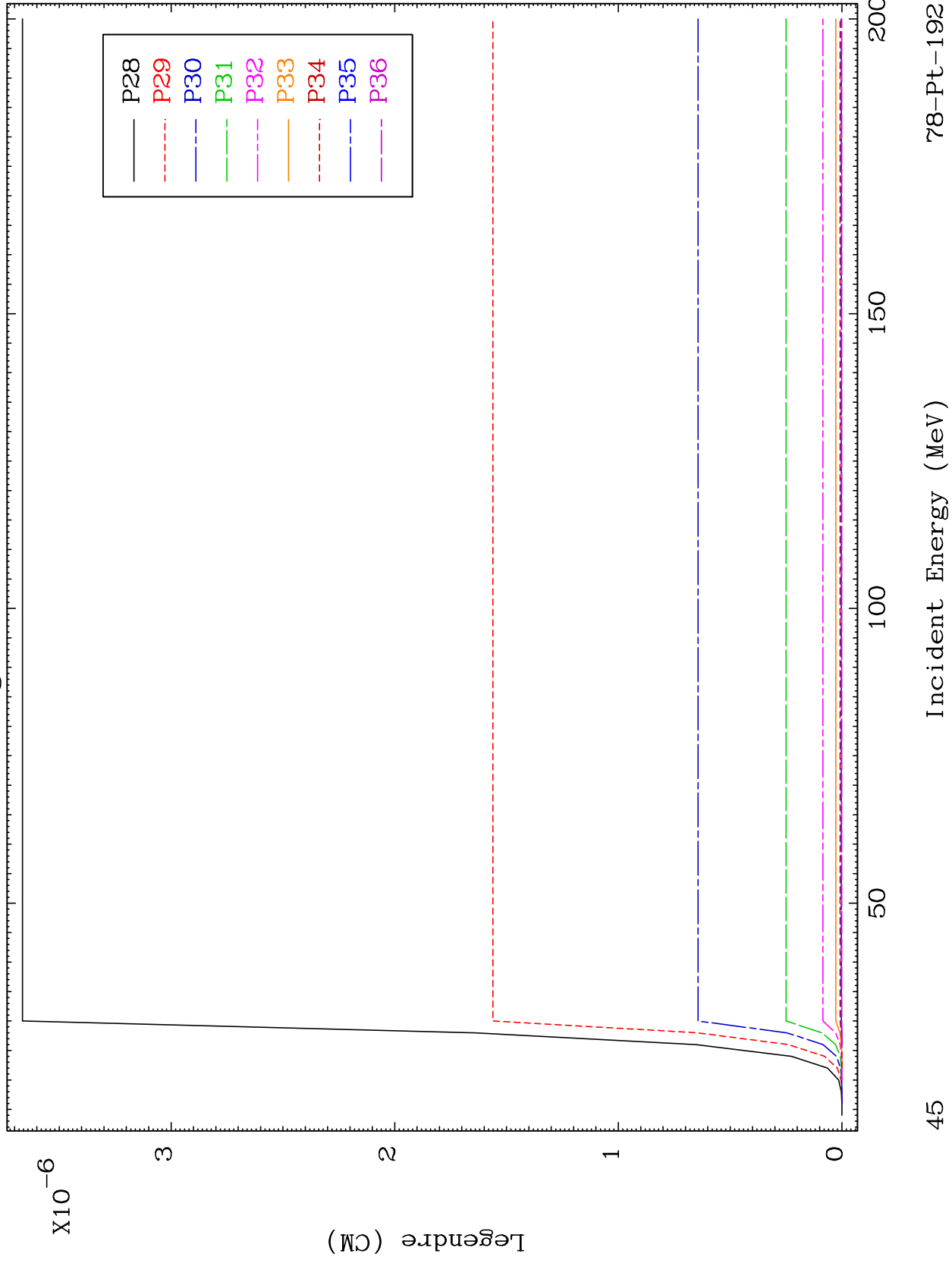
78-Pt-192



MAT 7831

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

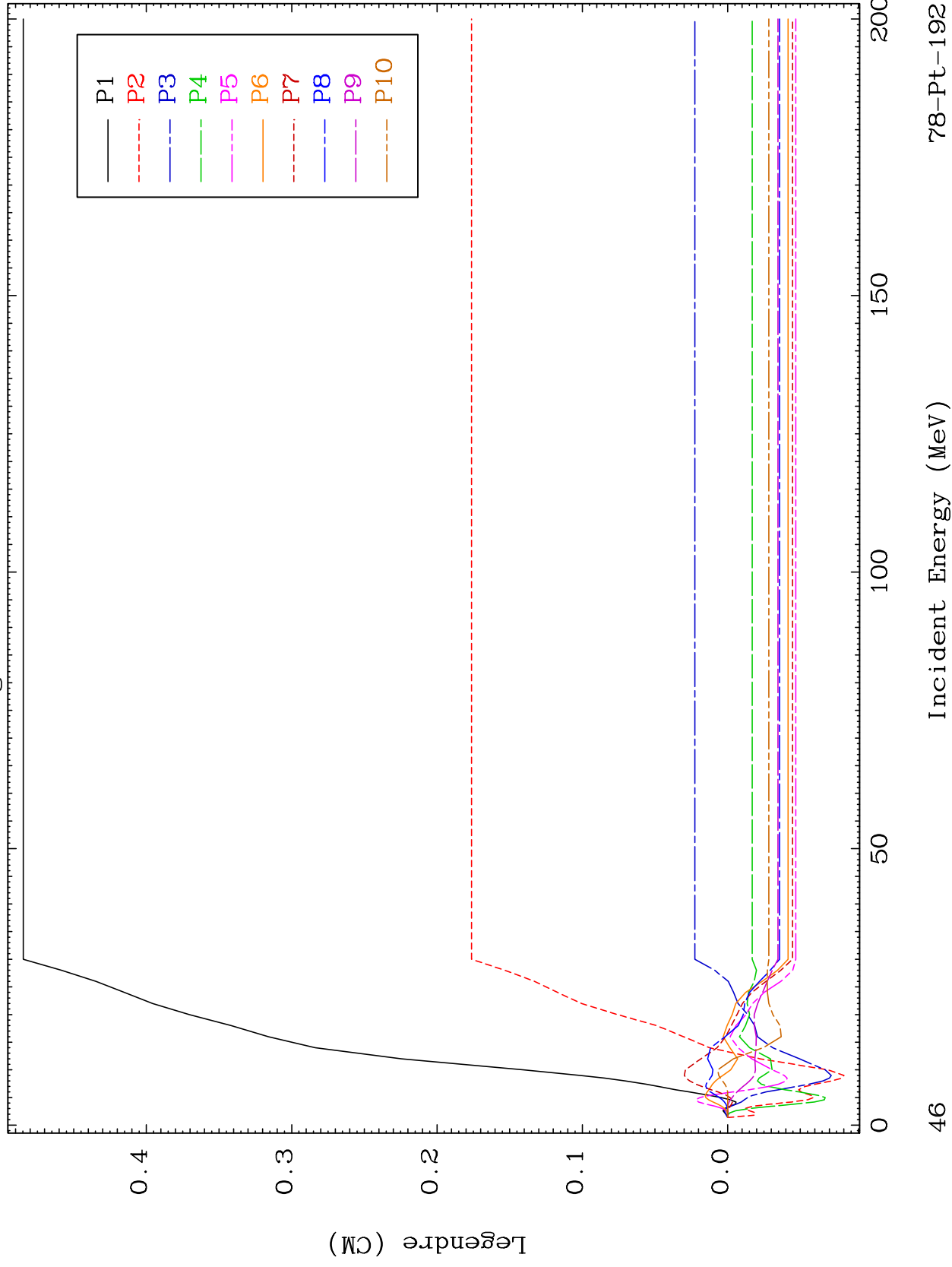
78-Pt-192



MAT 7831

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

78-Pt-192



78-Pt-192

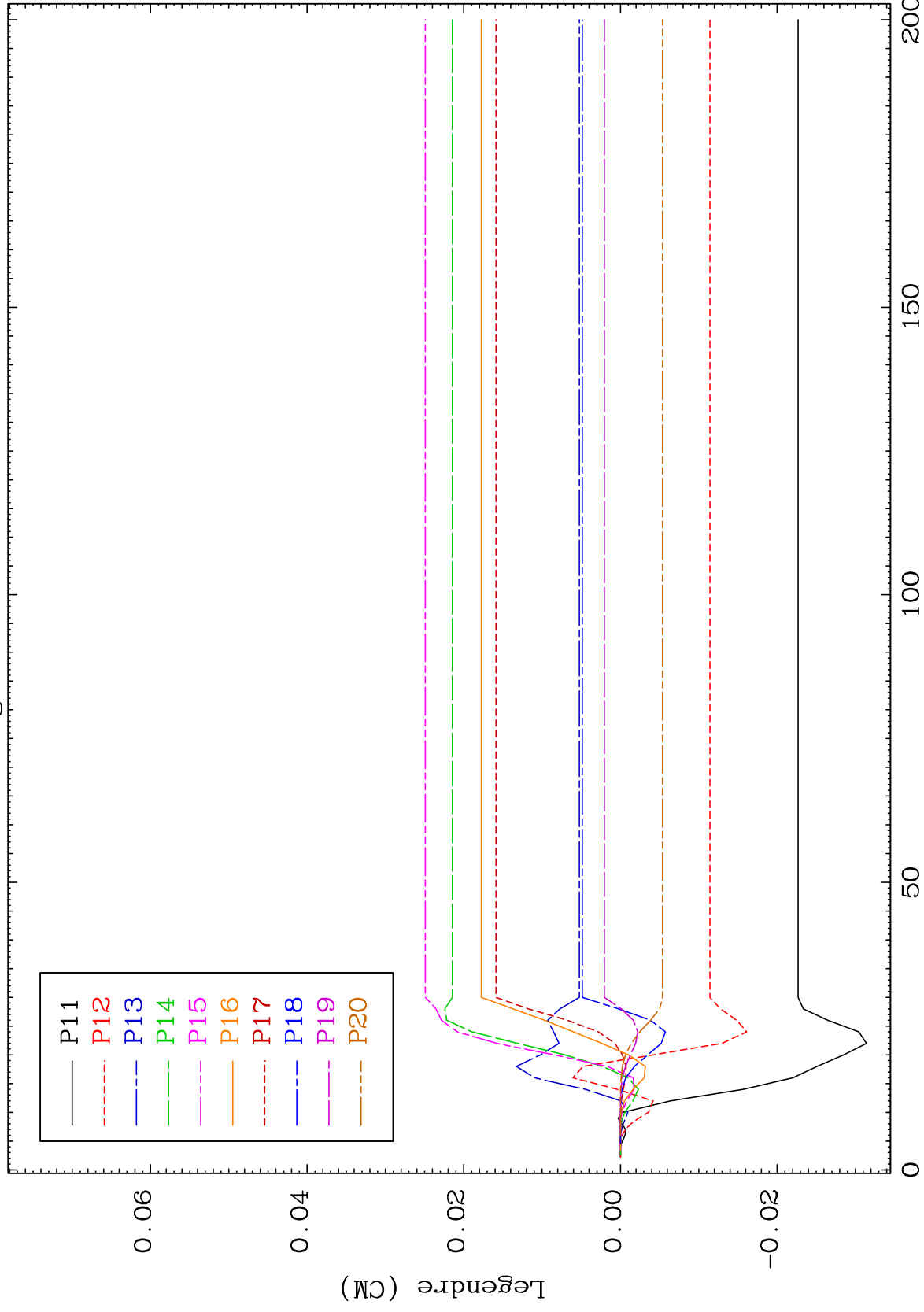
Incident Energy (MeV)

46

MAT 7831

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

78-Pt-192



47

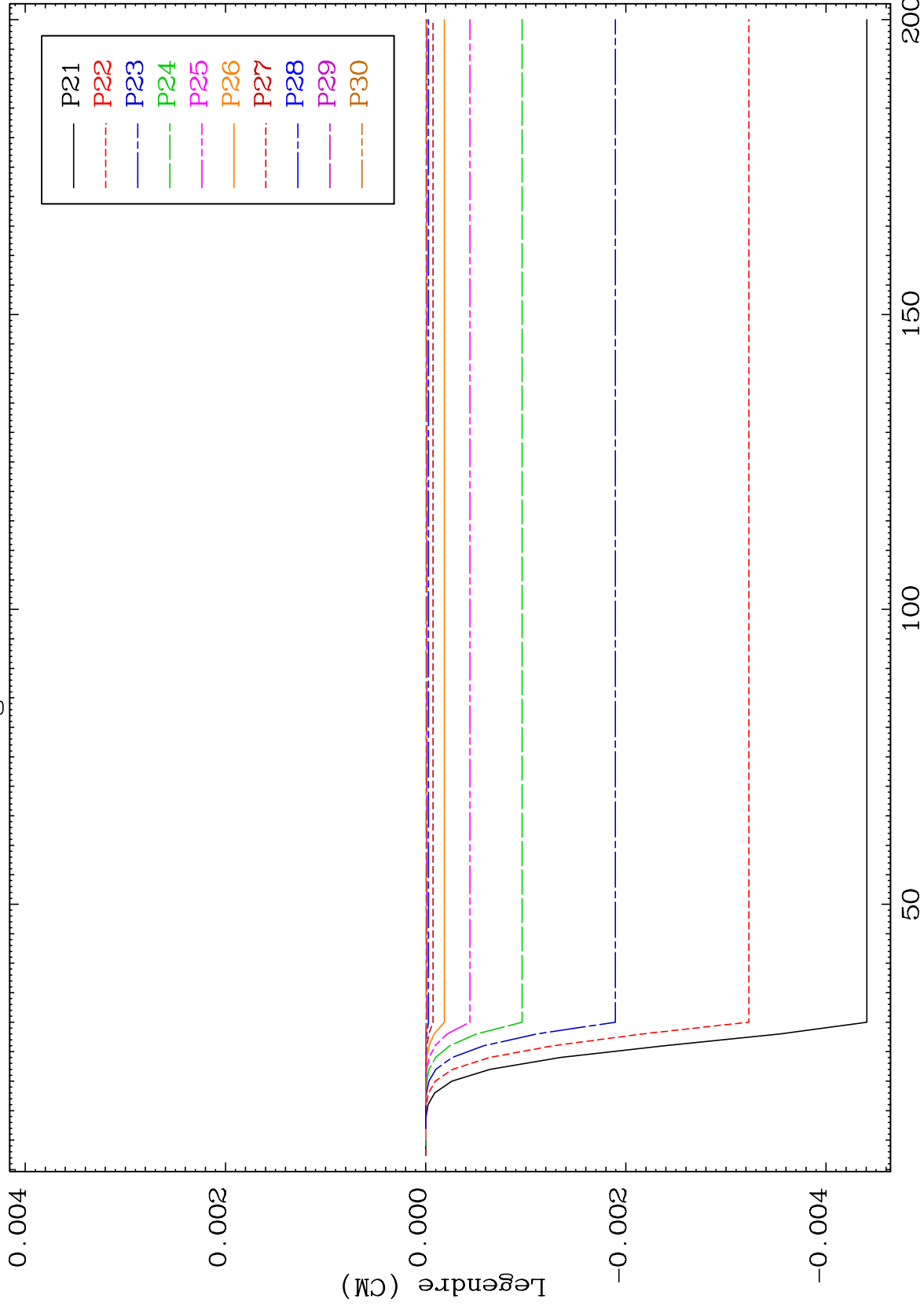
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

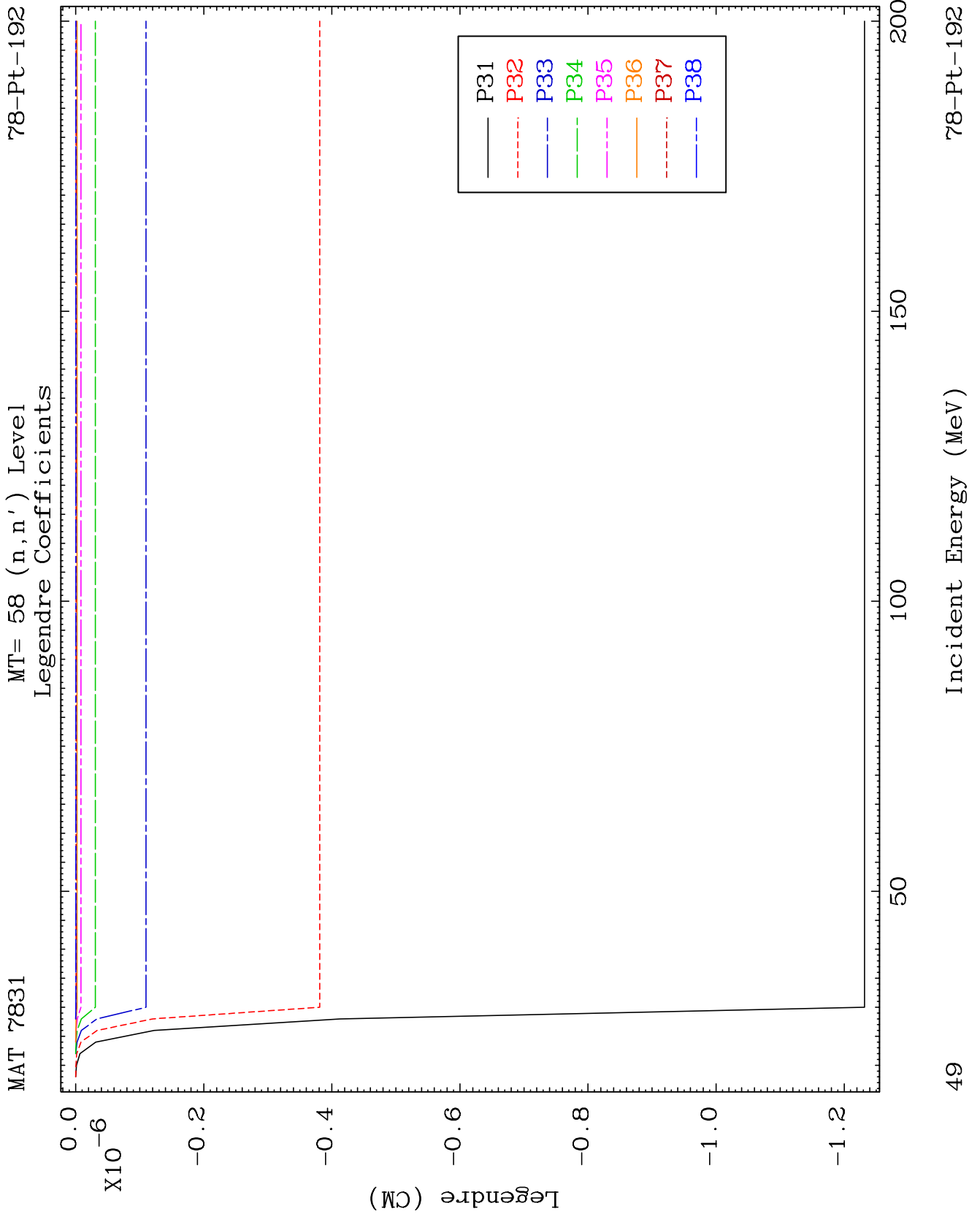
78-Pt-192



48

Incident Energy (MeV)

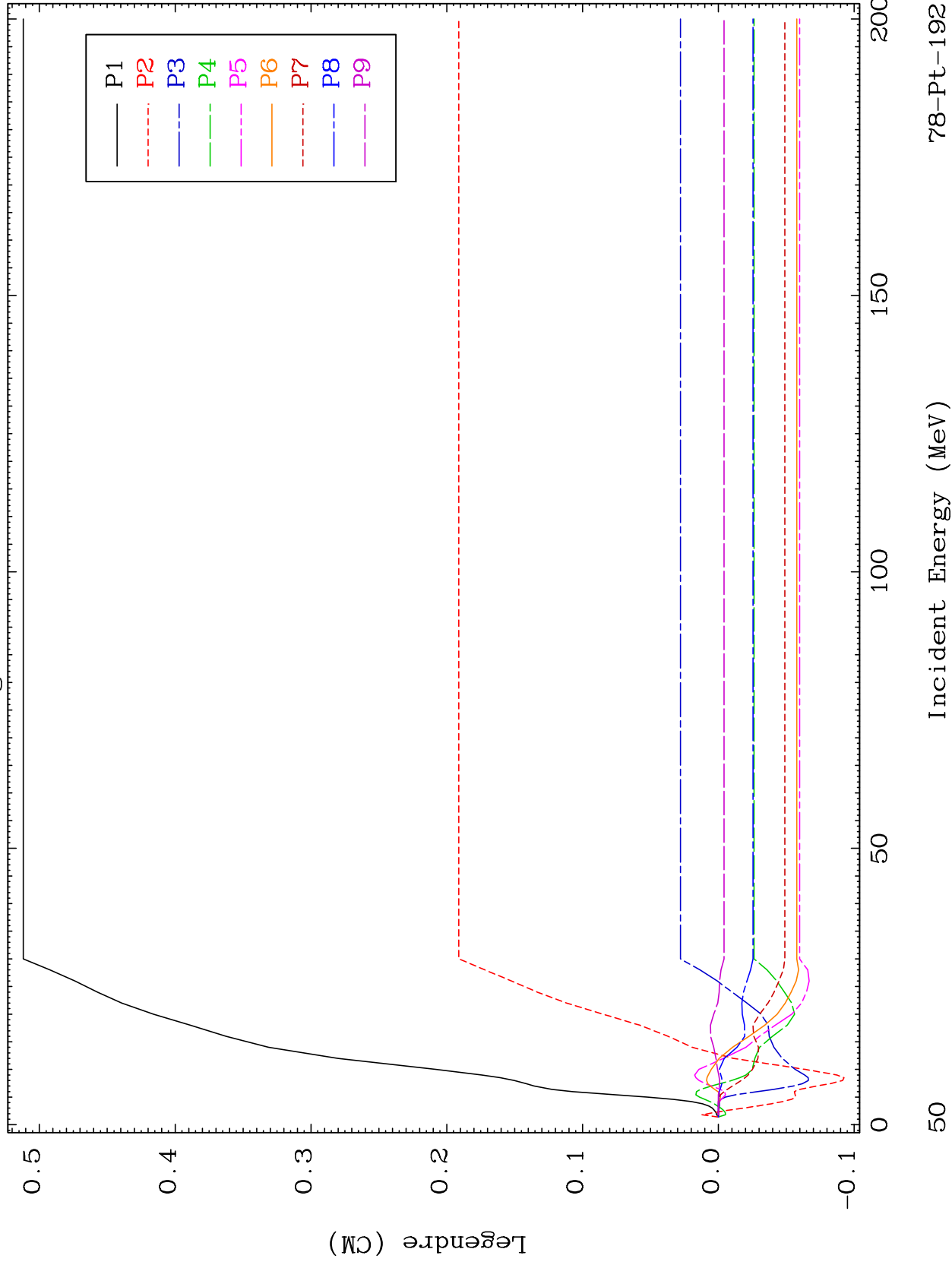
78-Pt-192



MAT 7831

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

78-Pt-192

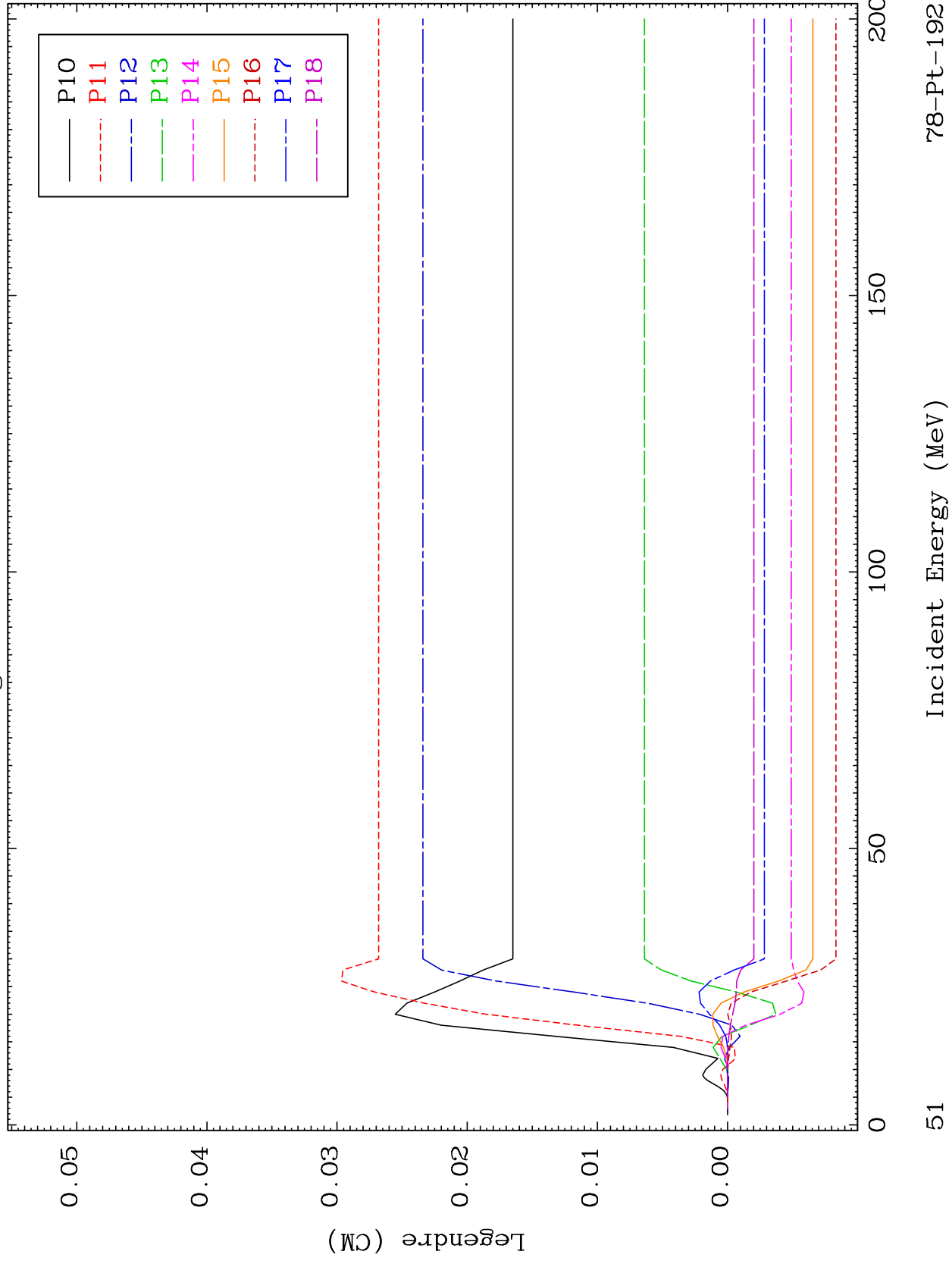


78-Pt-192

MAT 7831

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

78-Pt-192



51

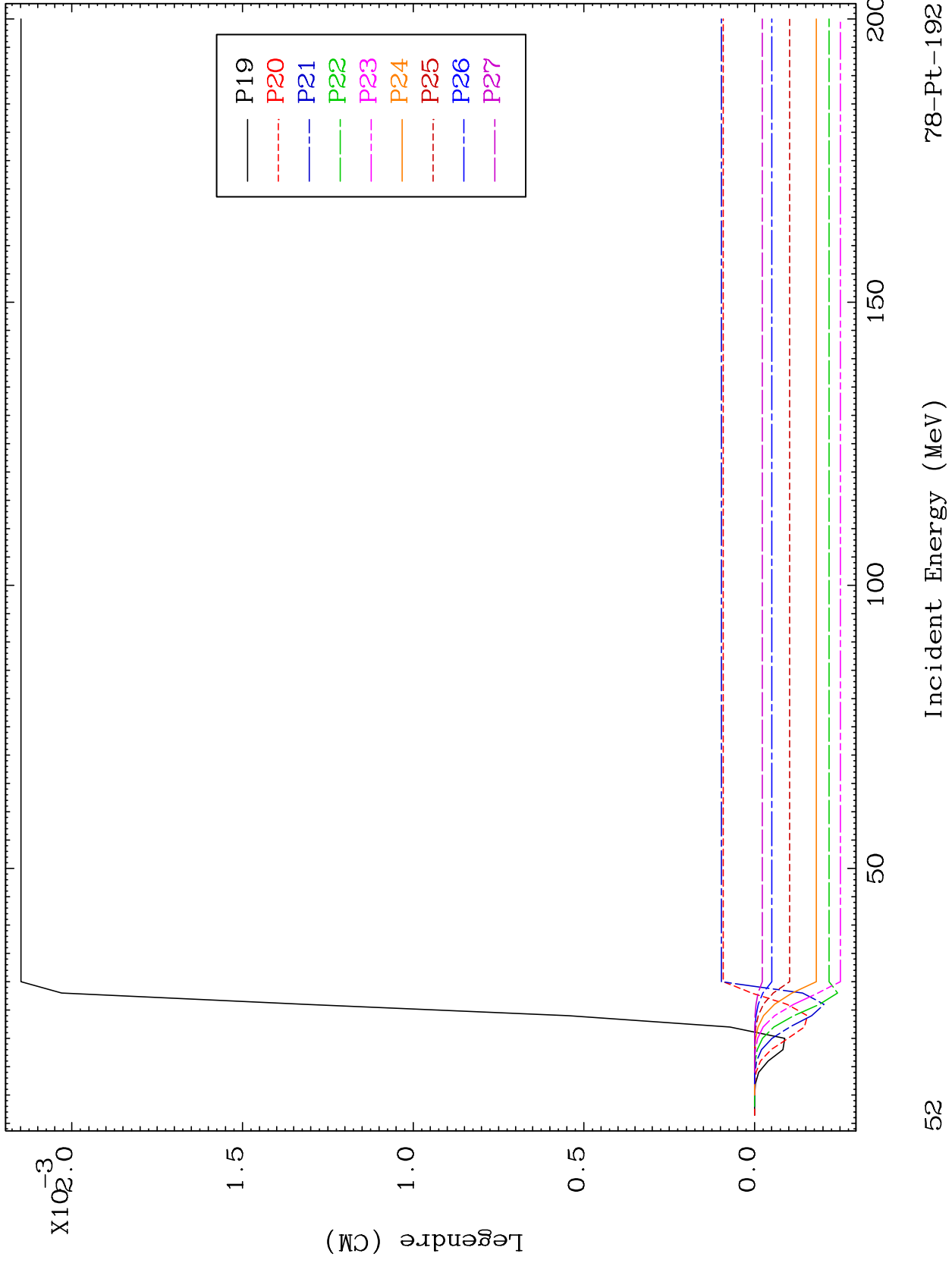
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



52

Incident Energy (MeV)

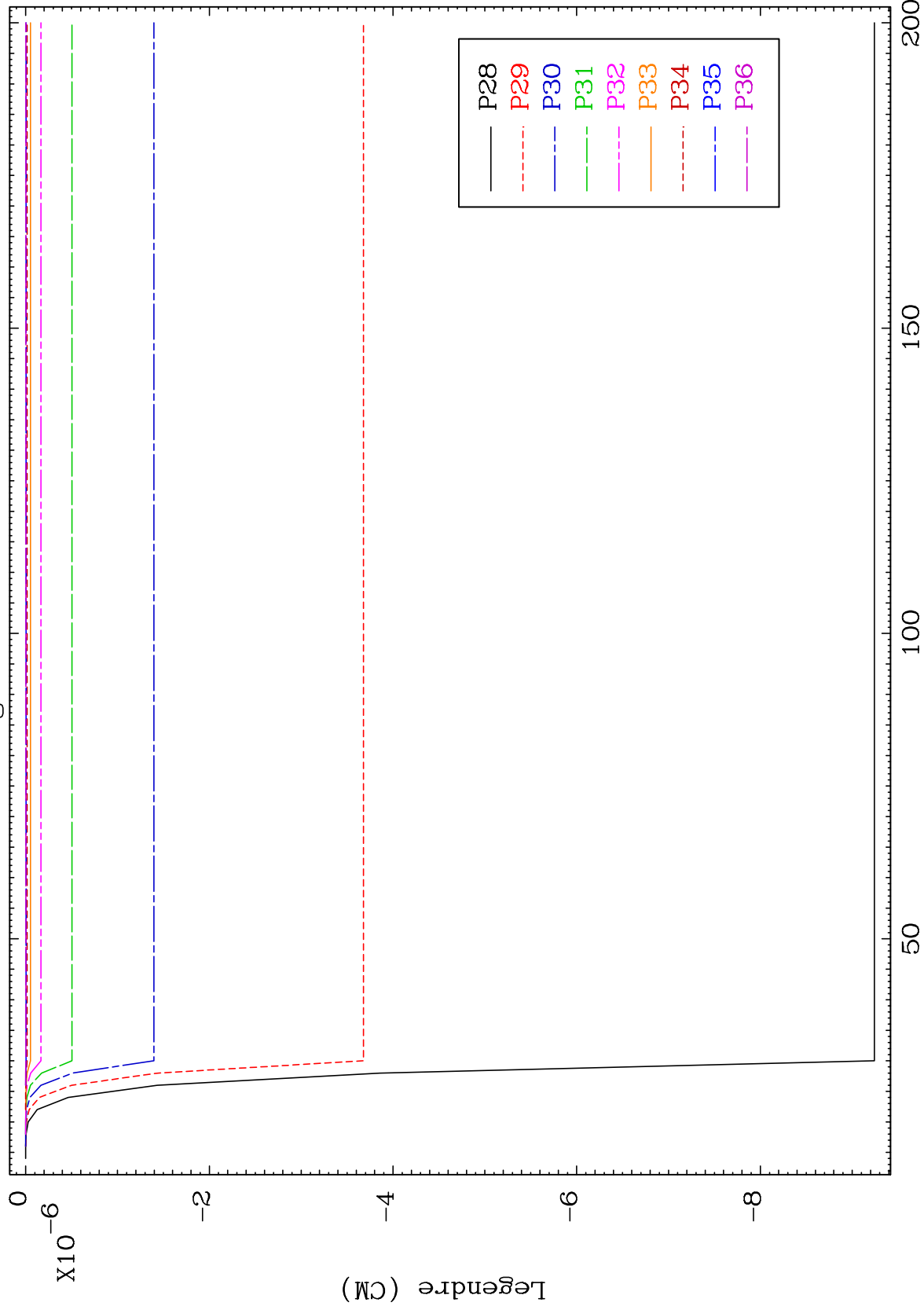
78-Pt-192

MAT 7831

MT= 59 (n,n') Level

78-Pt-192

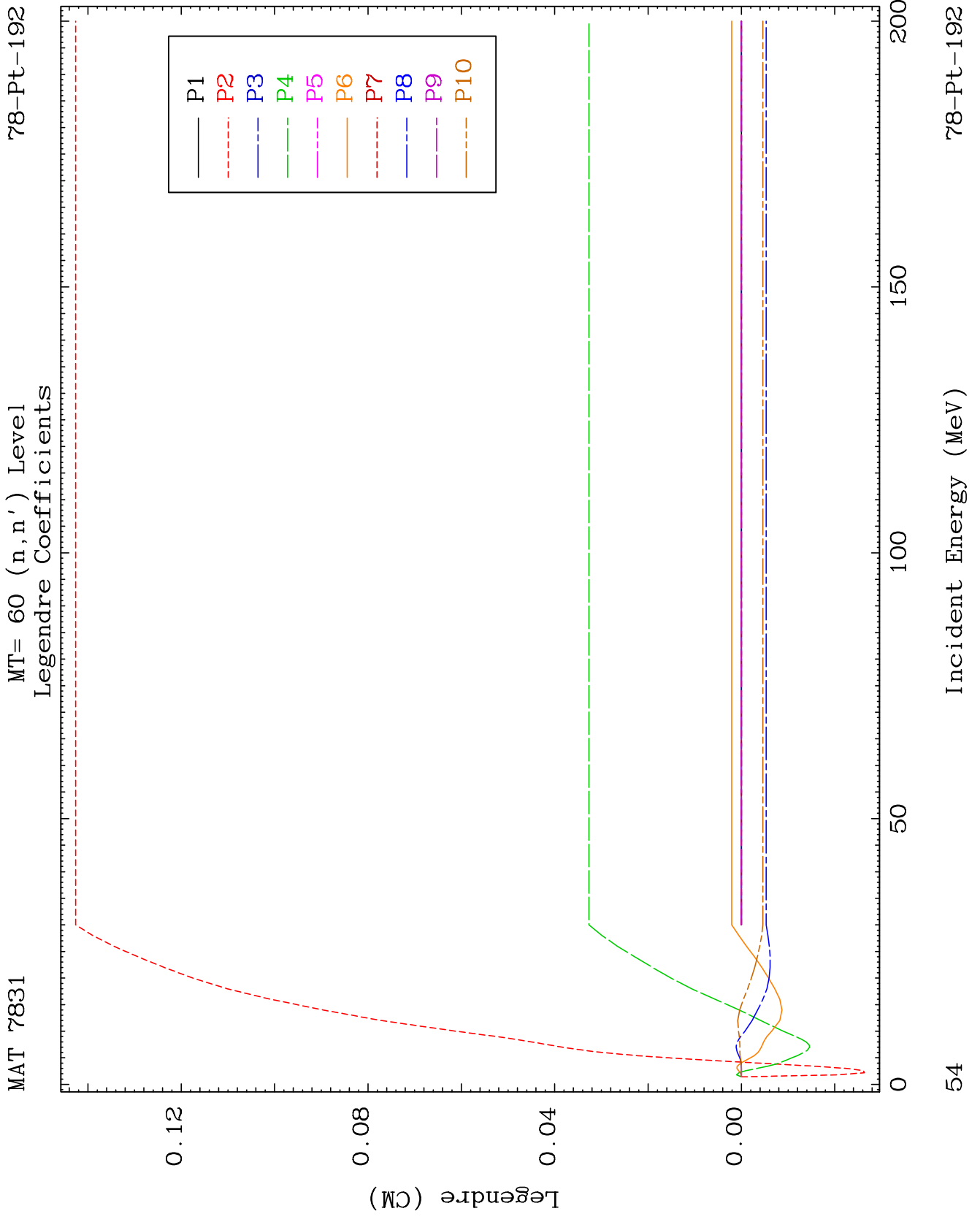
Legendre Coefficients



78-Pt-192

Incident Energy (MeV)

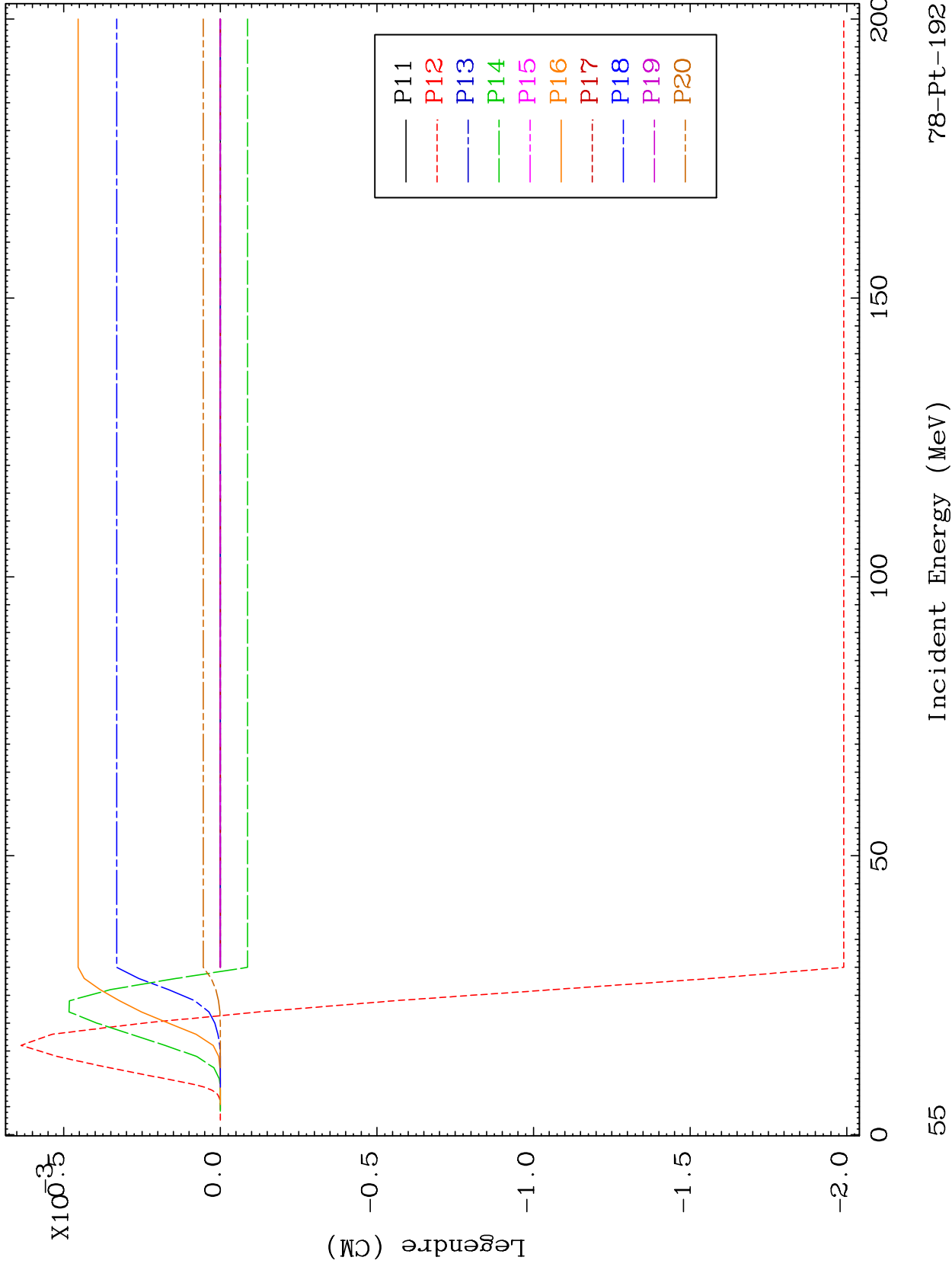
53



MAT 7831

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

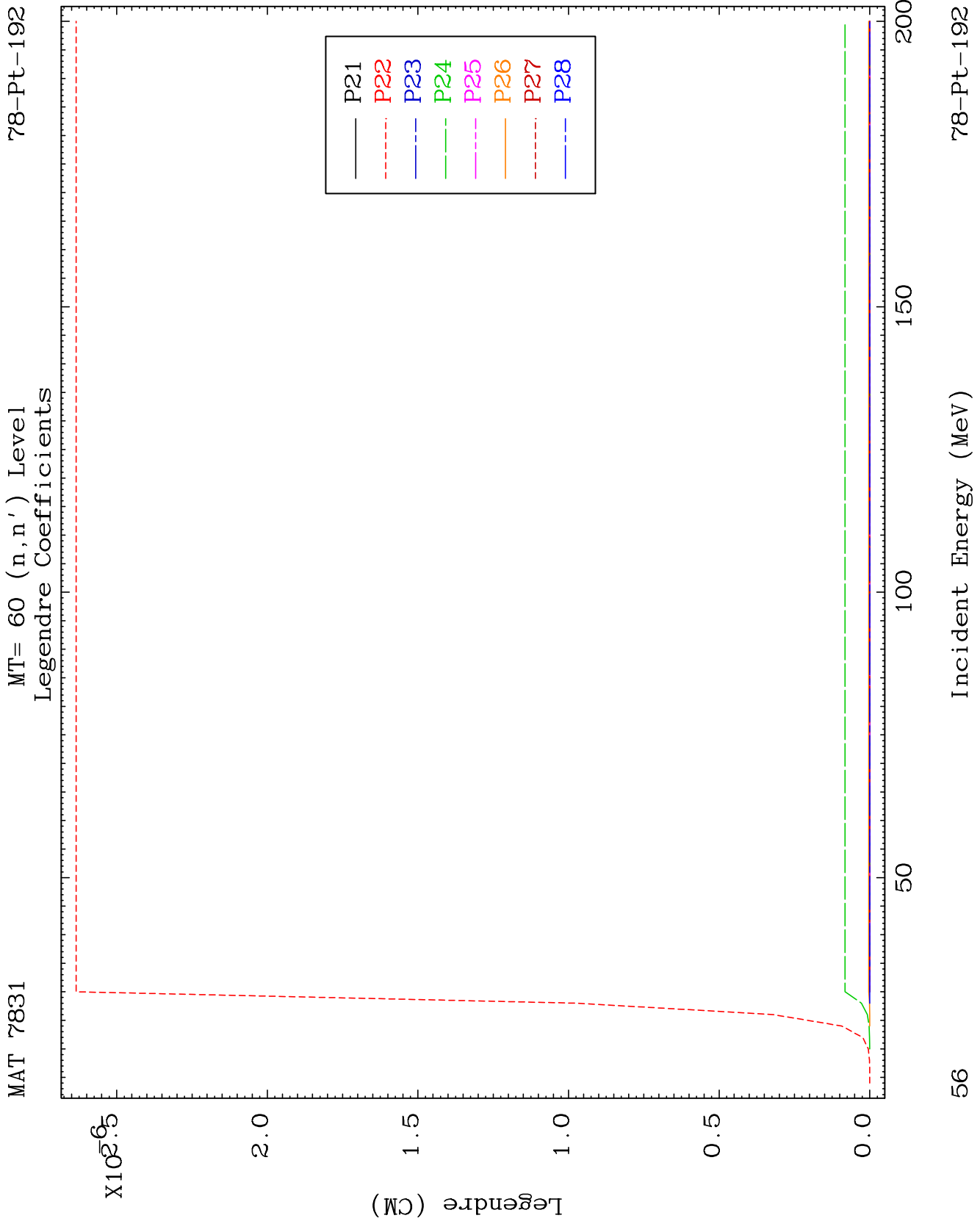
78-Pt-192



55

Incident Energy (MeV)

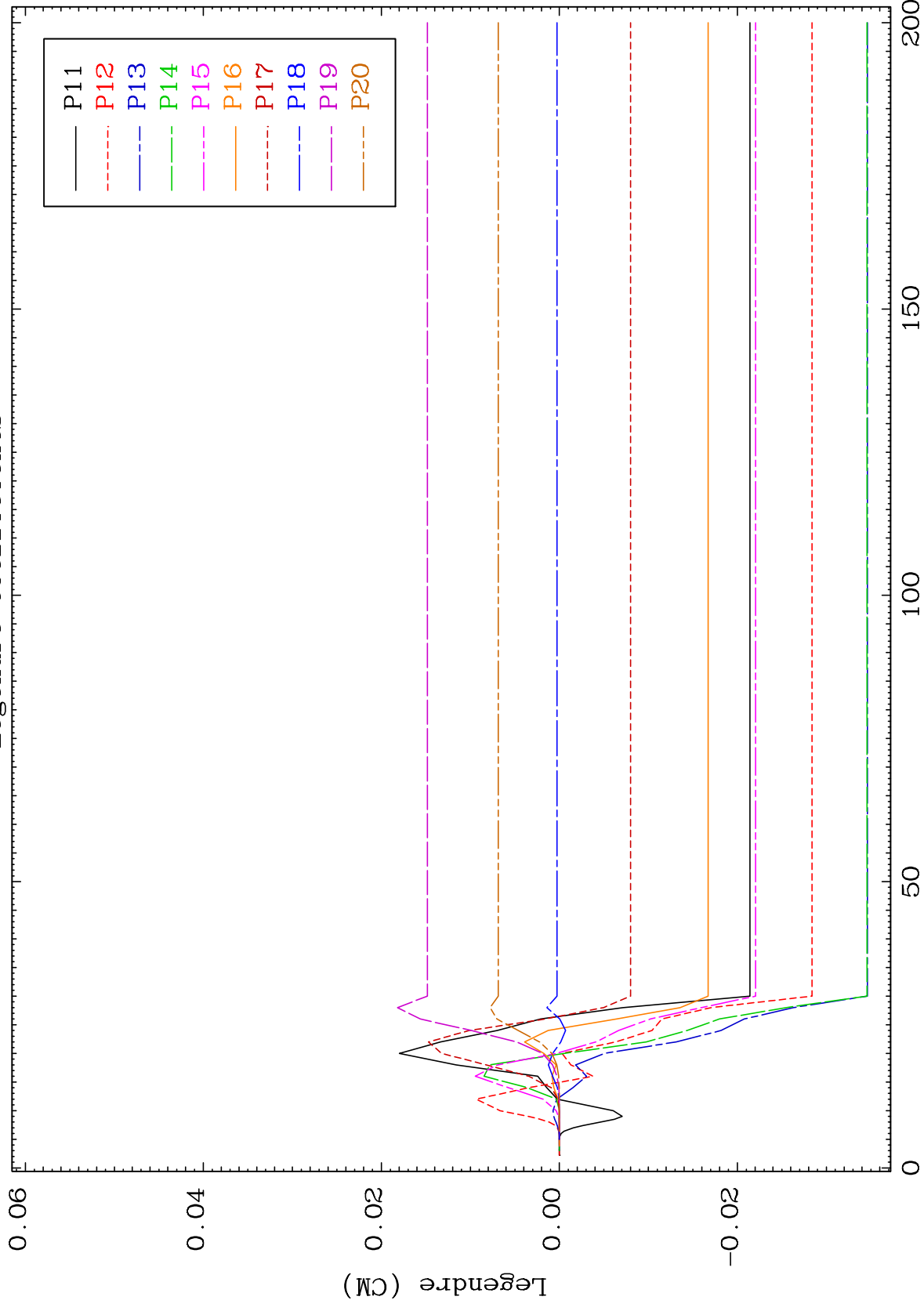
78-Pt-192



MAT 7831

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

78-Pt-192



58

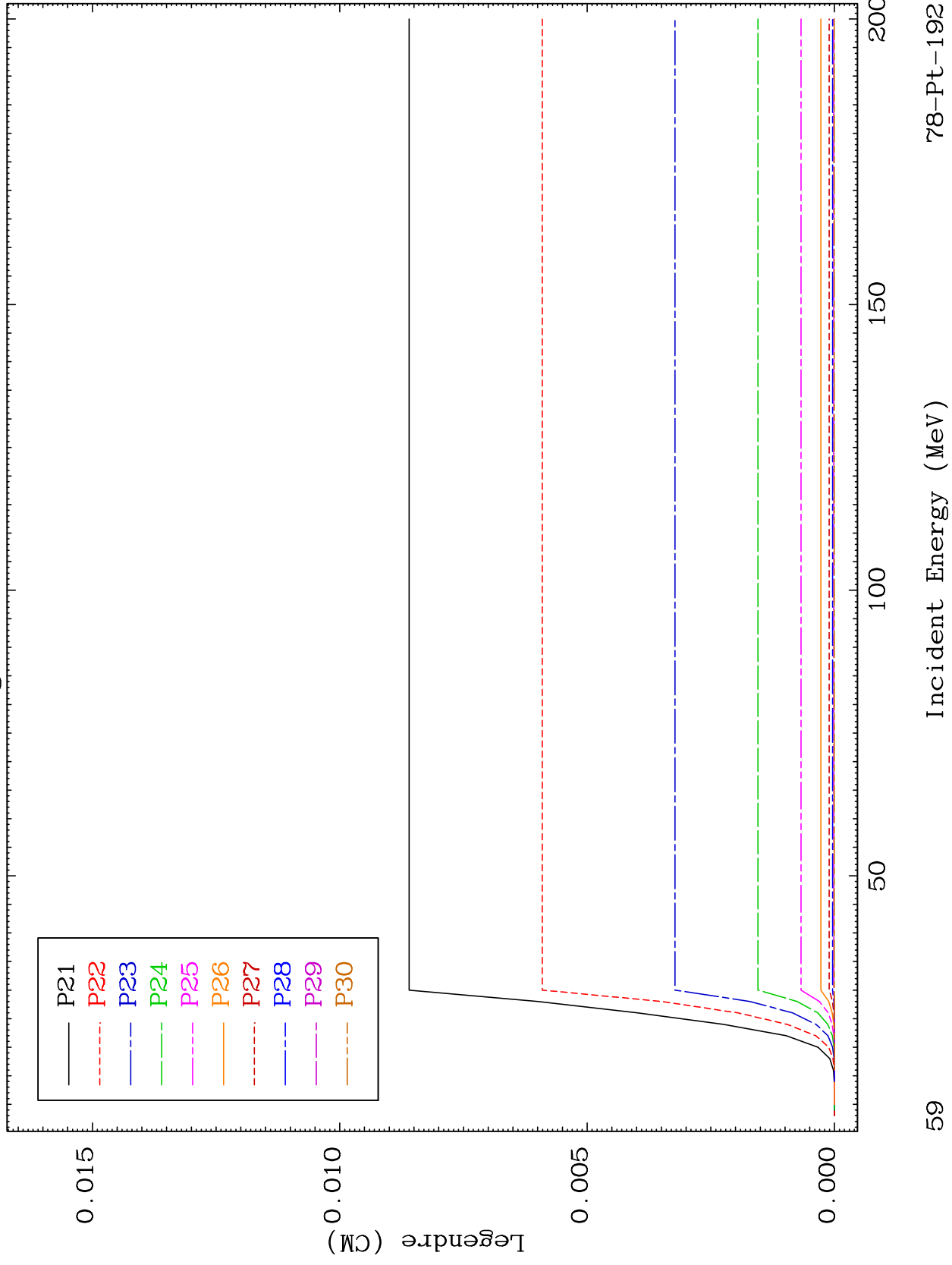
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



59

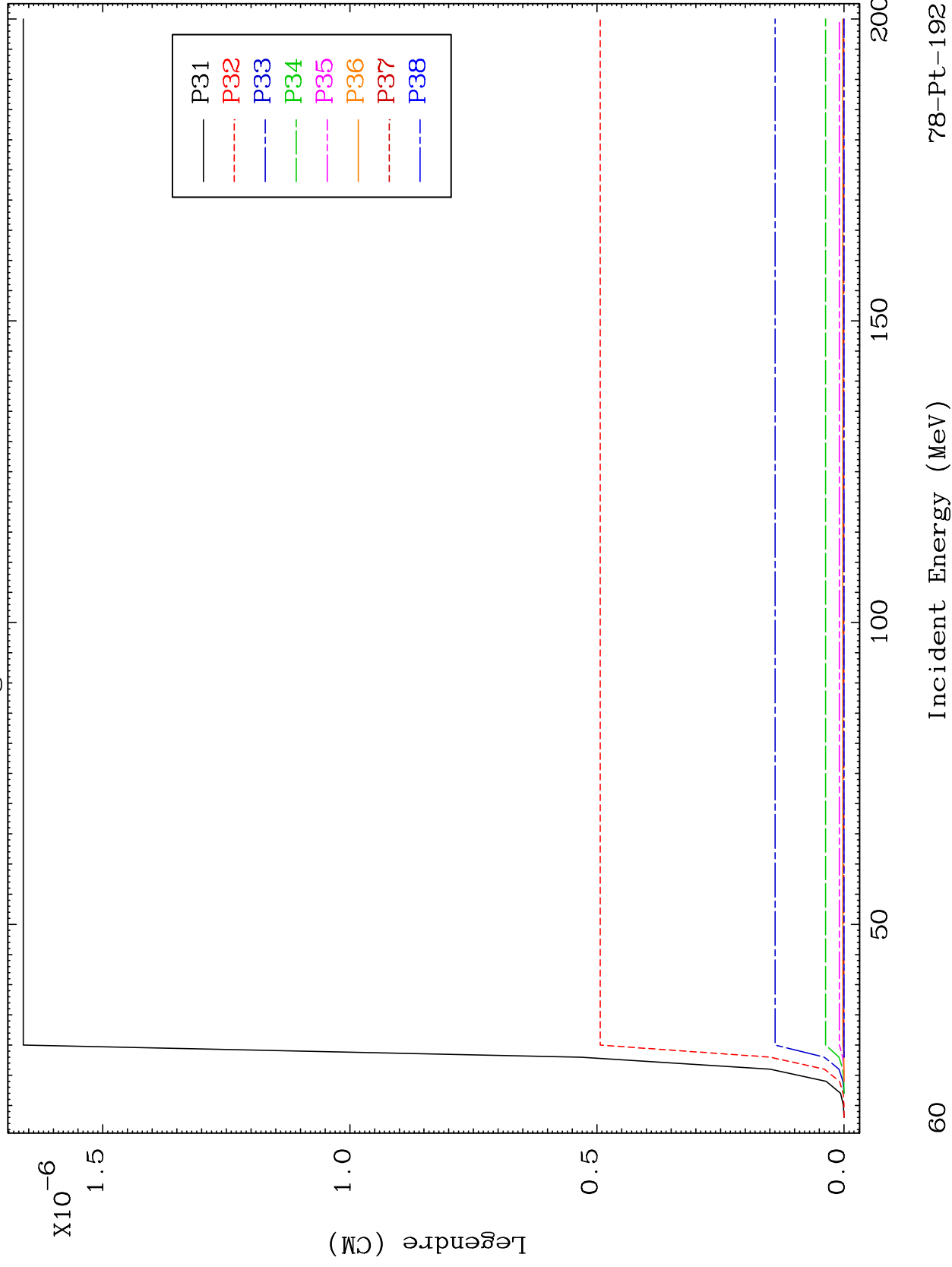
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

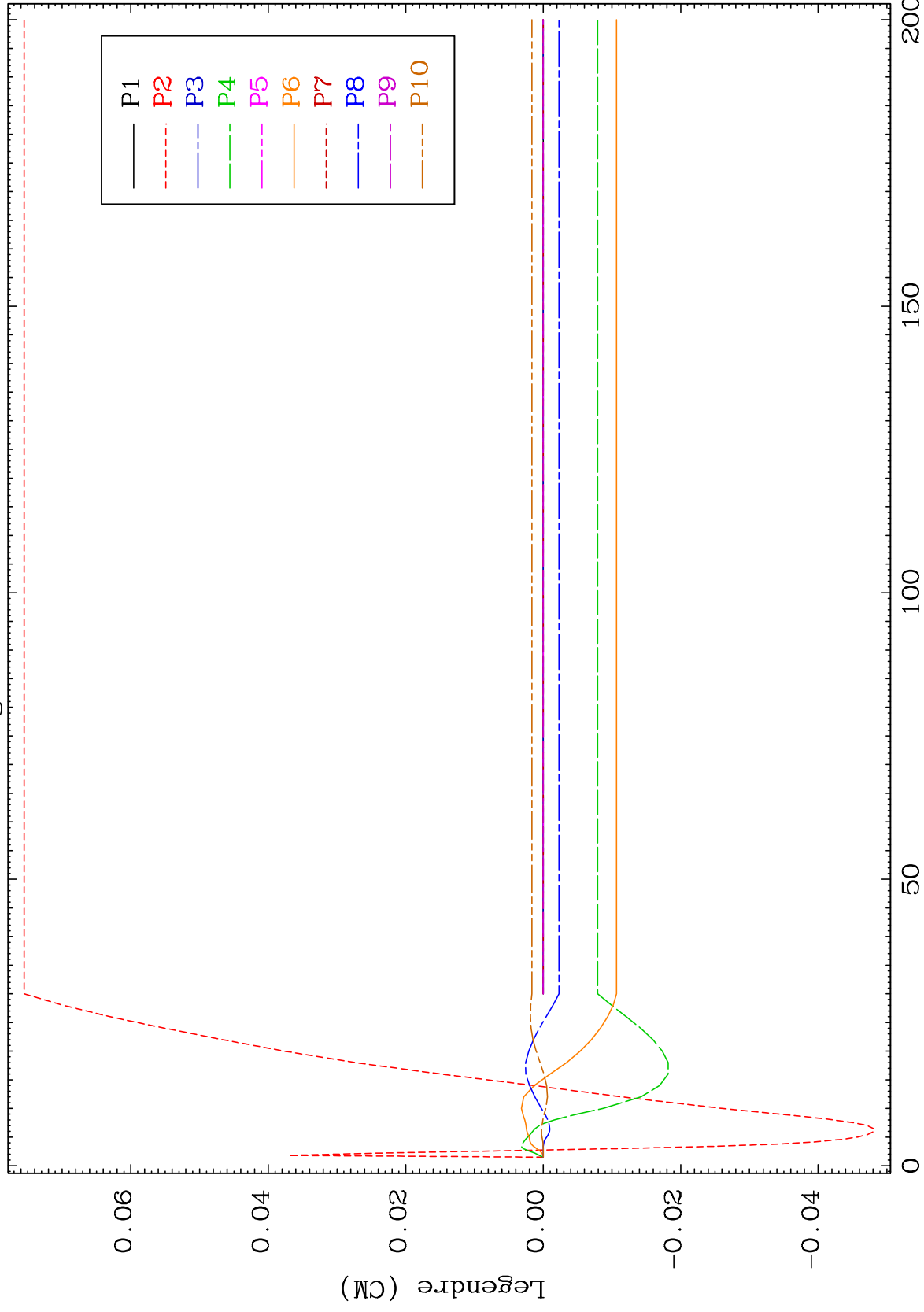
78-Pt-192



MAT 7831

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

78-Pt-192



61

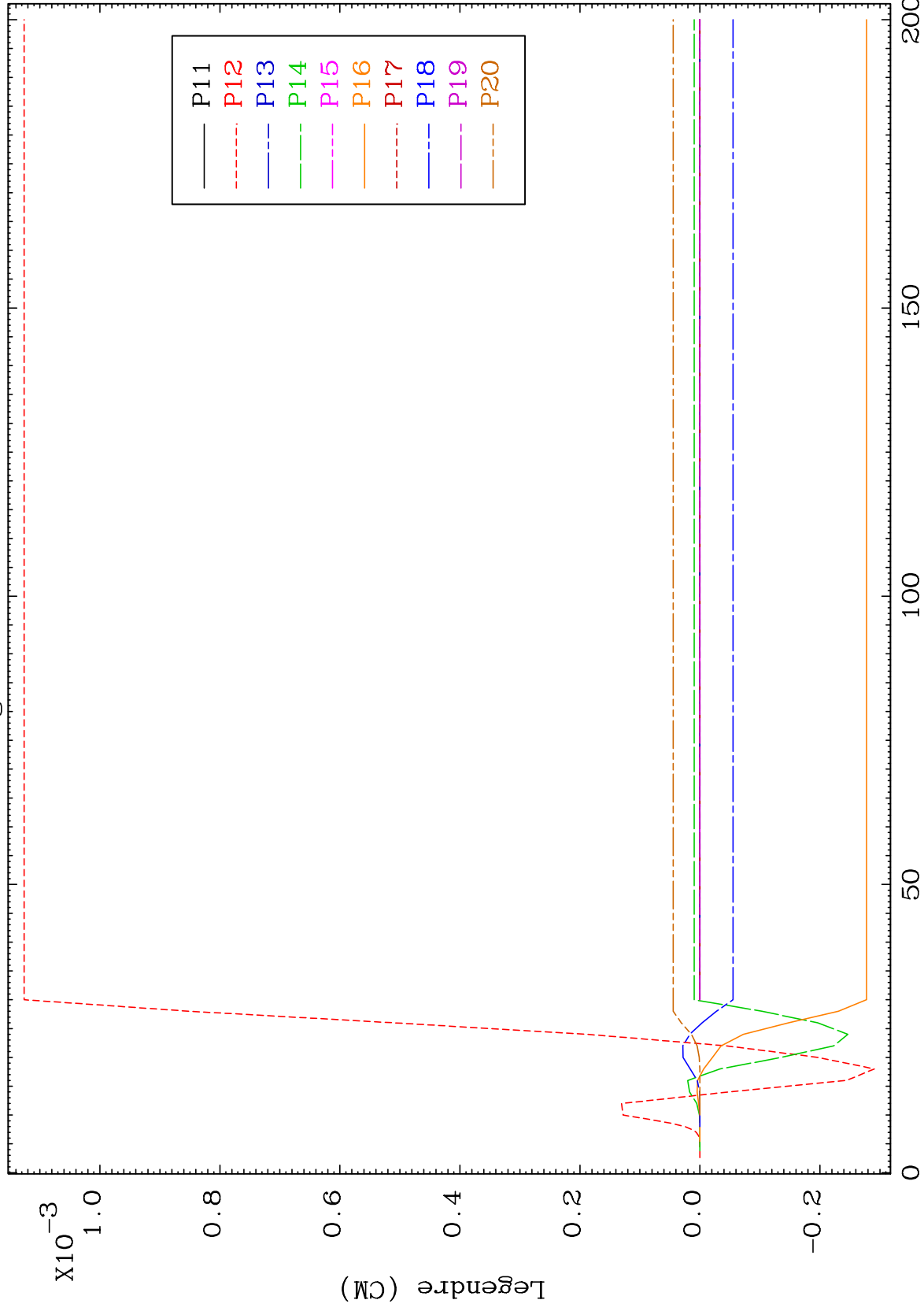
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

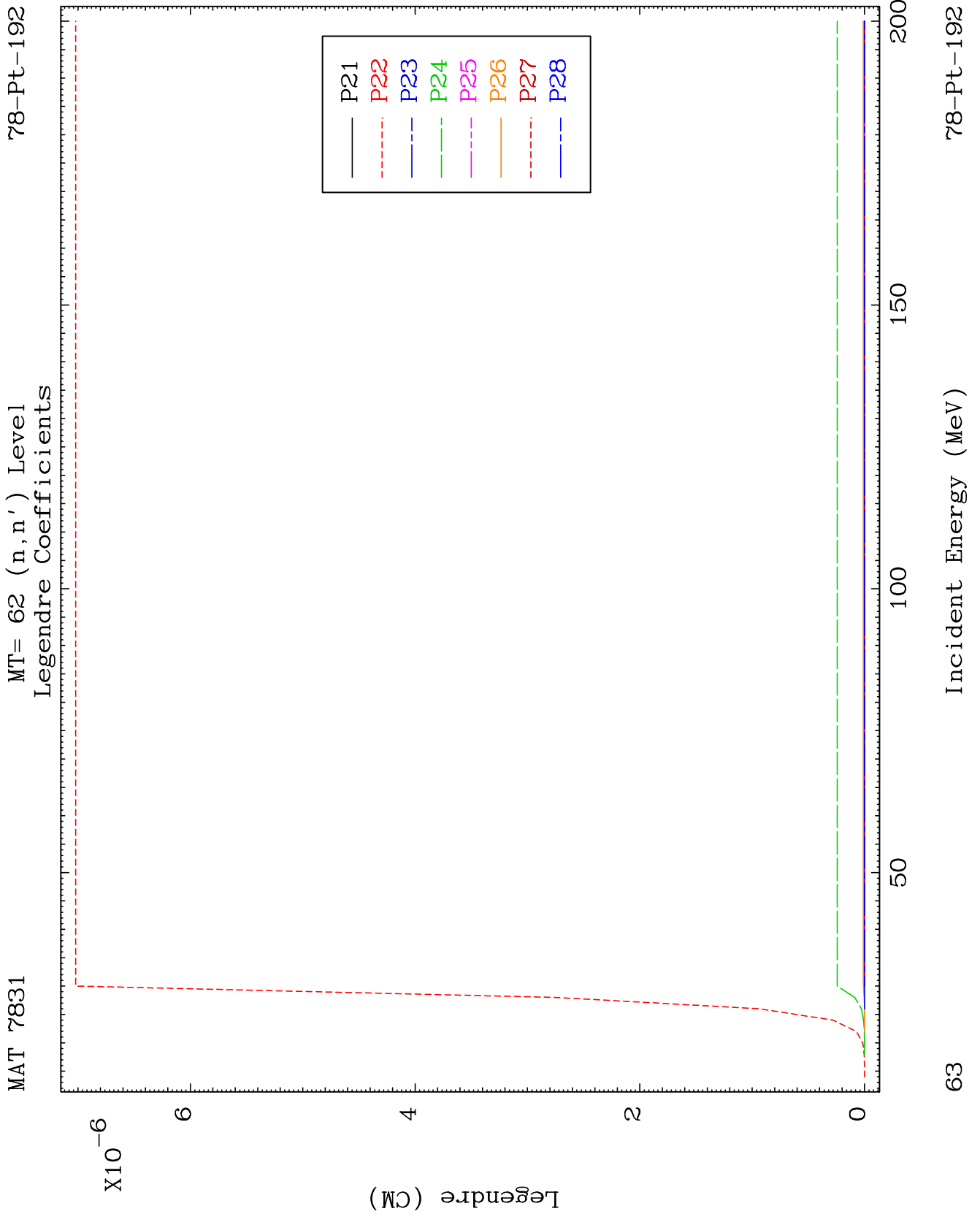
78-Pt-192



62

Incident Energy (MeV)

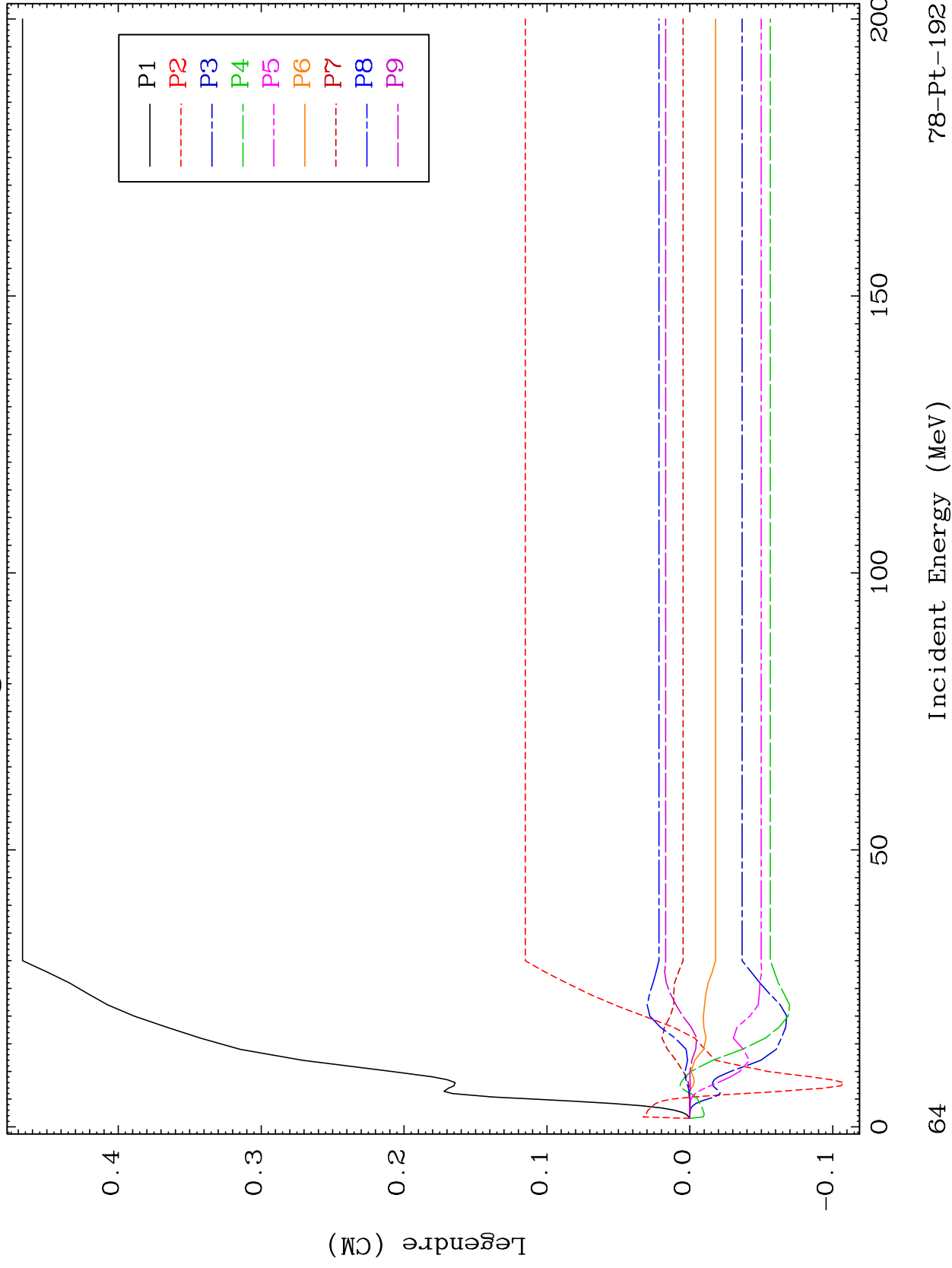
78-Pt-192



MAT 7831

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

78-Pt-192



78-Pt-192

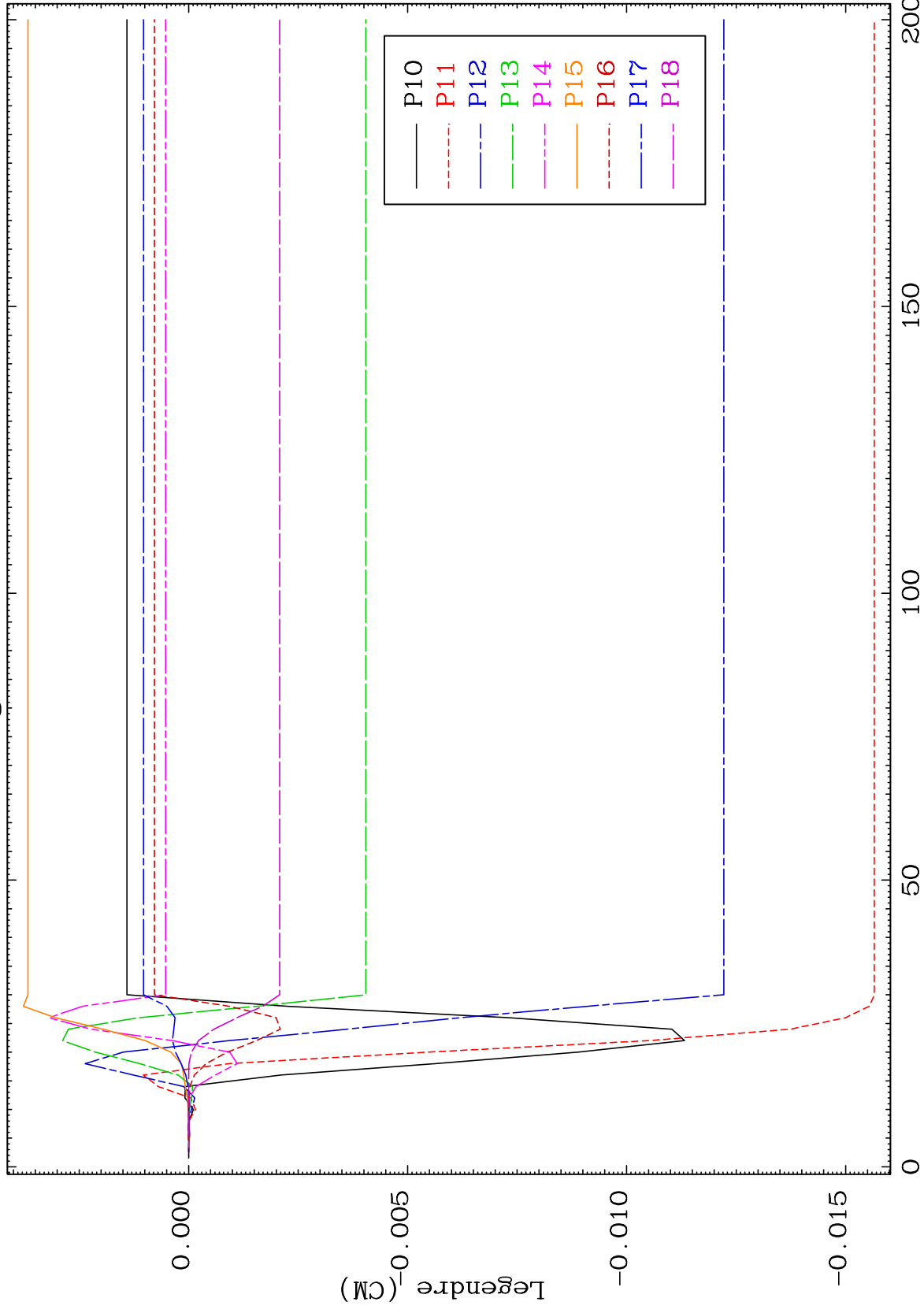
Incident Energy (MeV)

64

MAT 7831

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

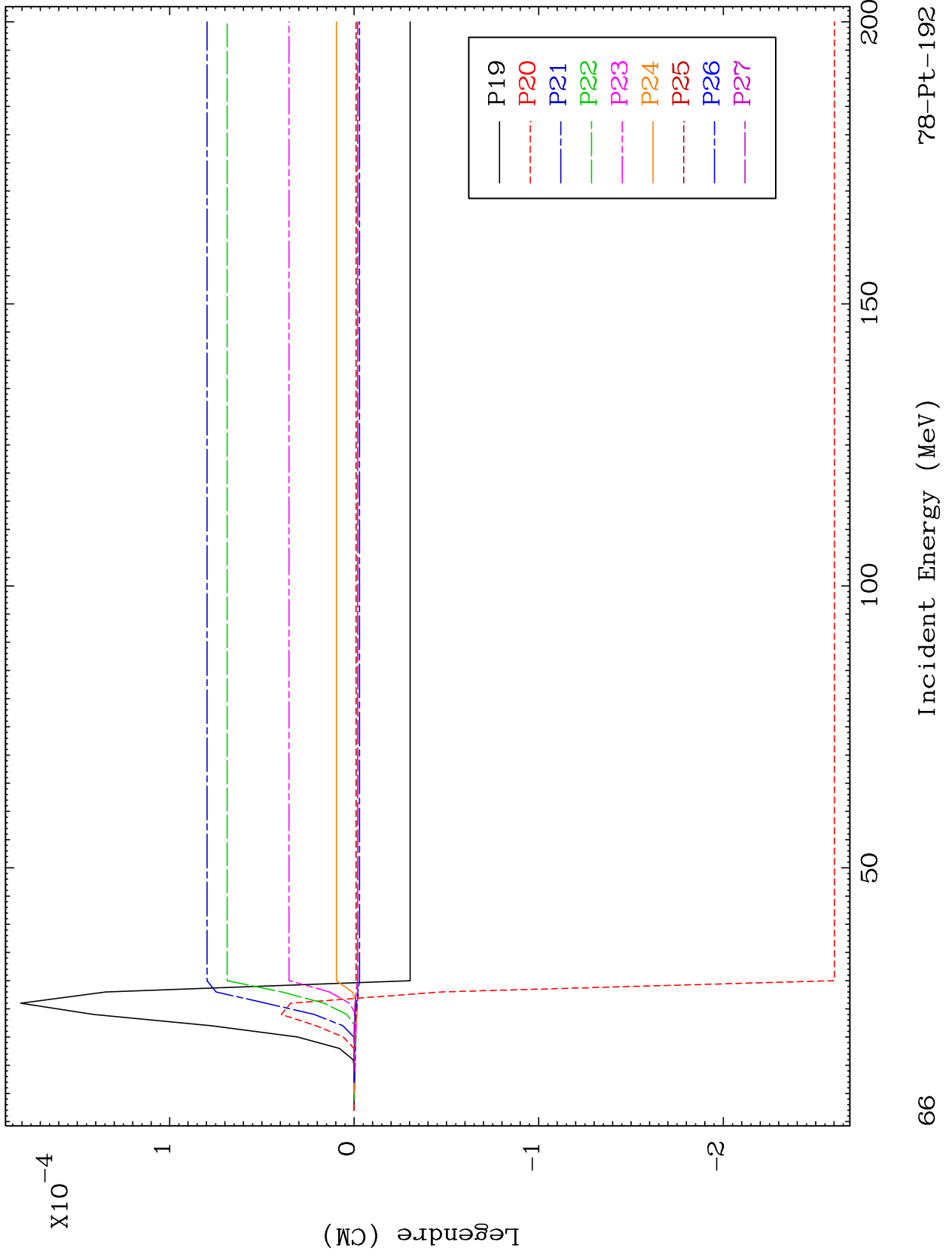
78-Pt-192



65

Incident Energy (MeV)

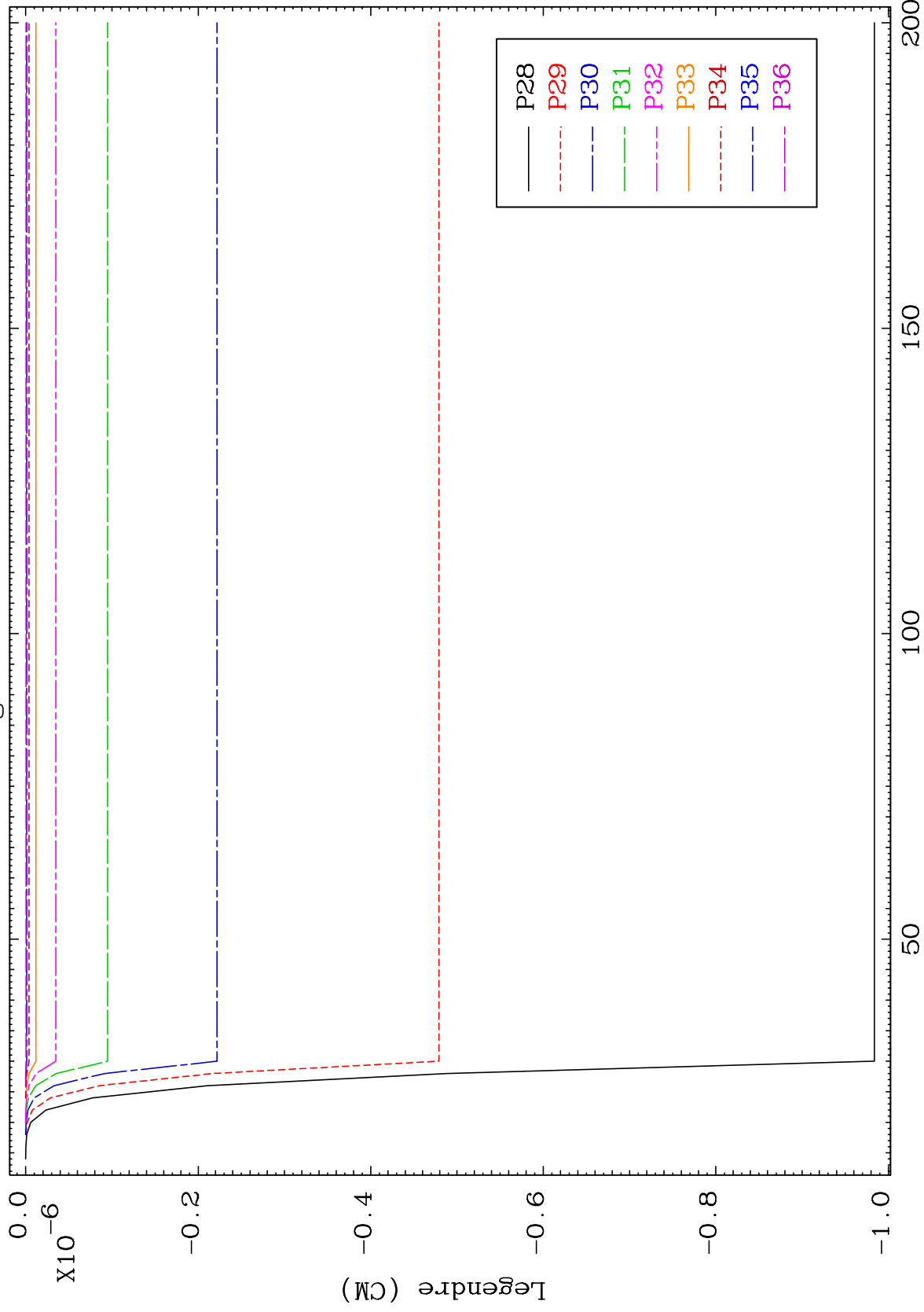
78-Pt-192



MAT 7831

78-Pt-192

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



67

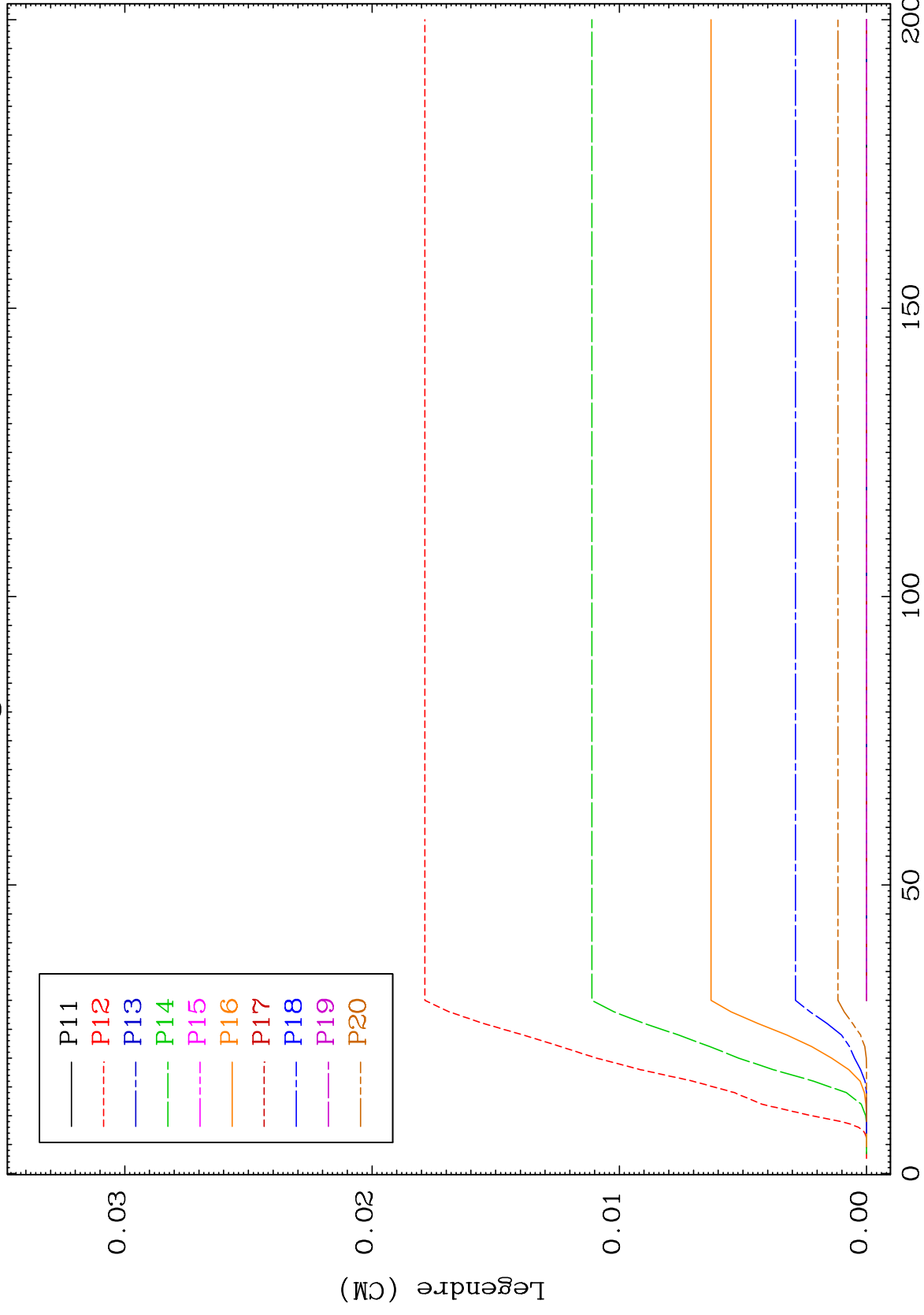
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



69

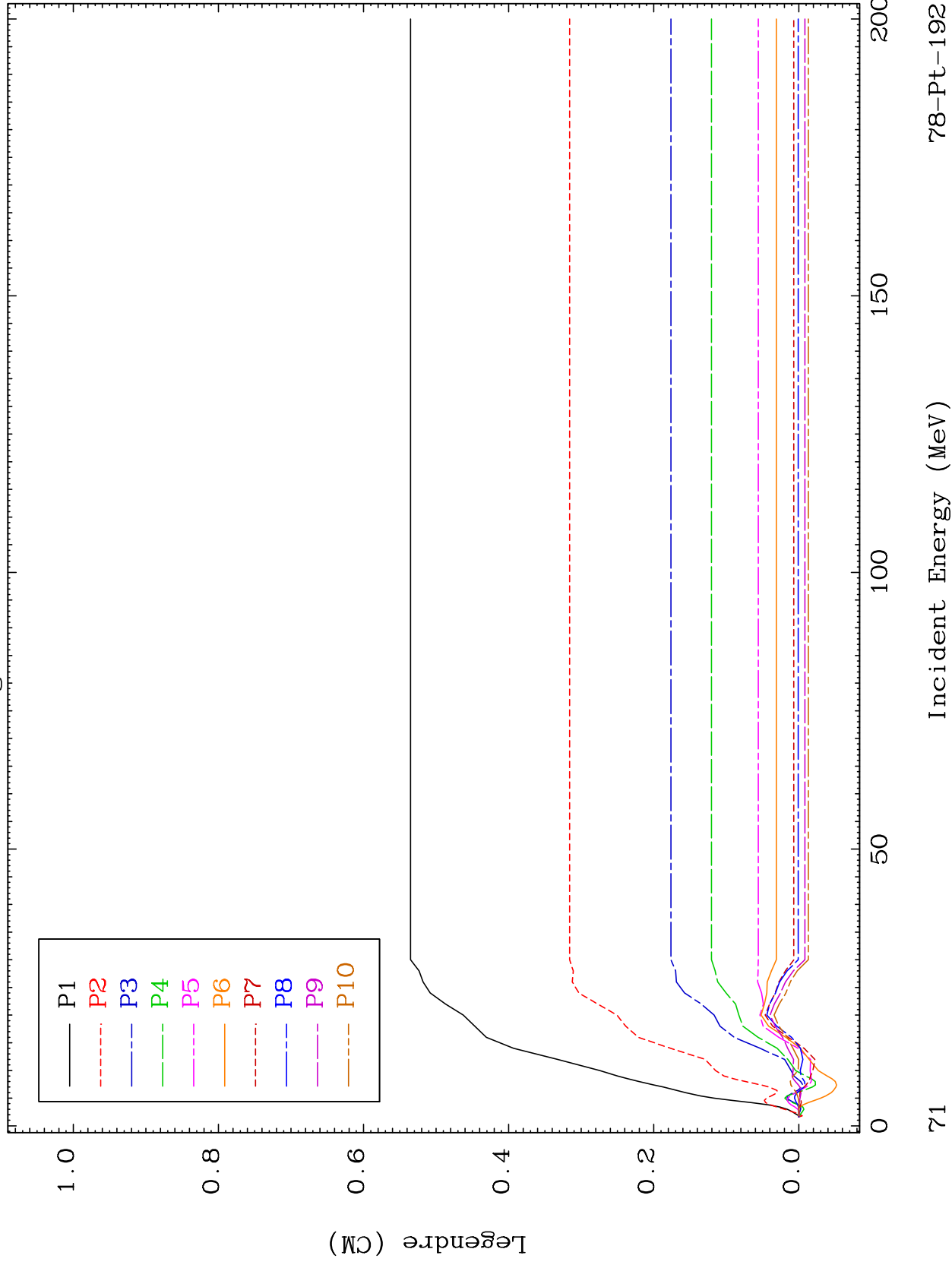
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

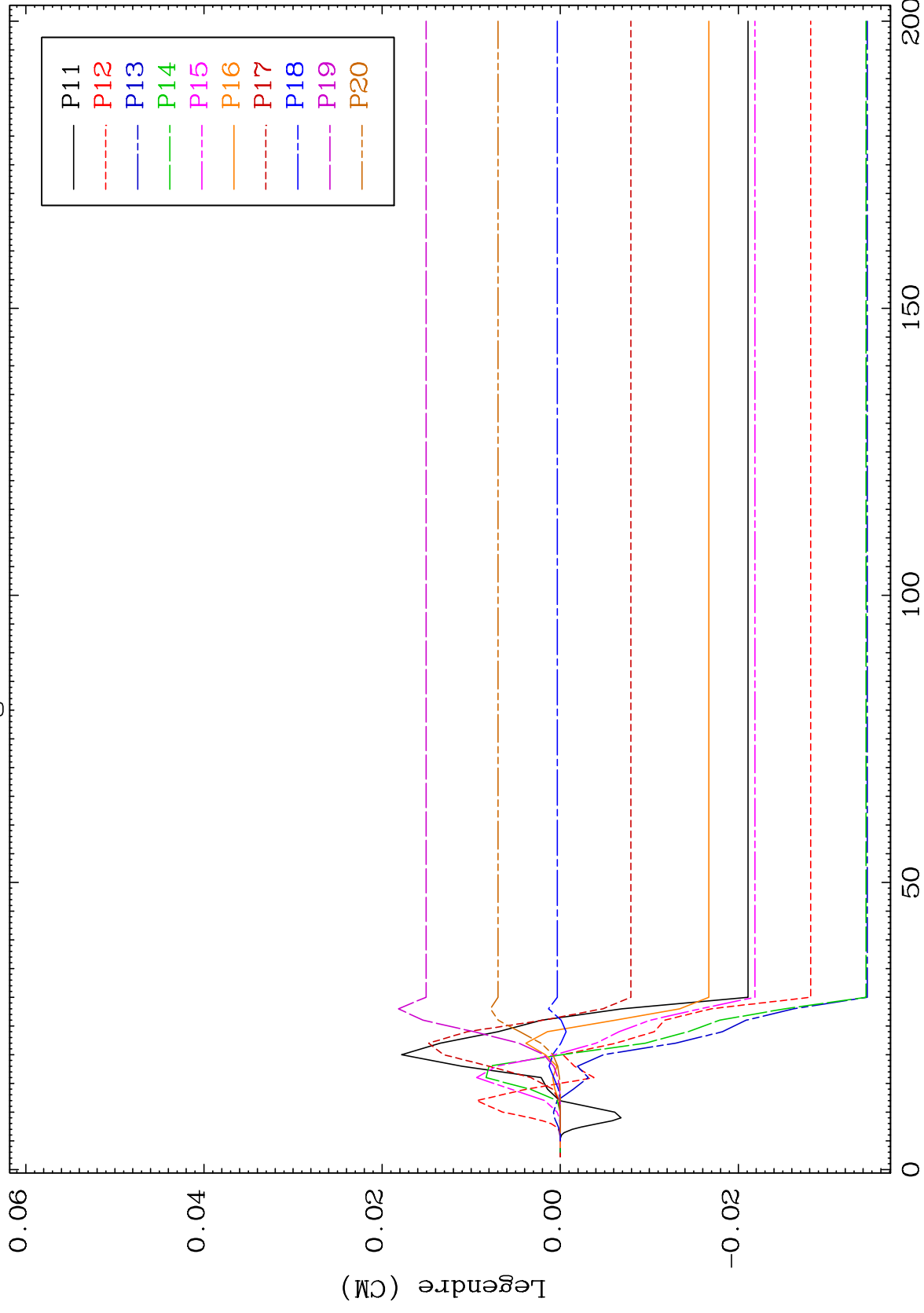
78-Pt-192



MAT 7831

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

78-Pt-192



72

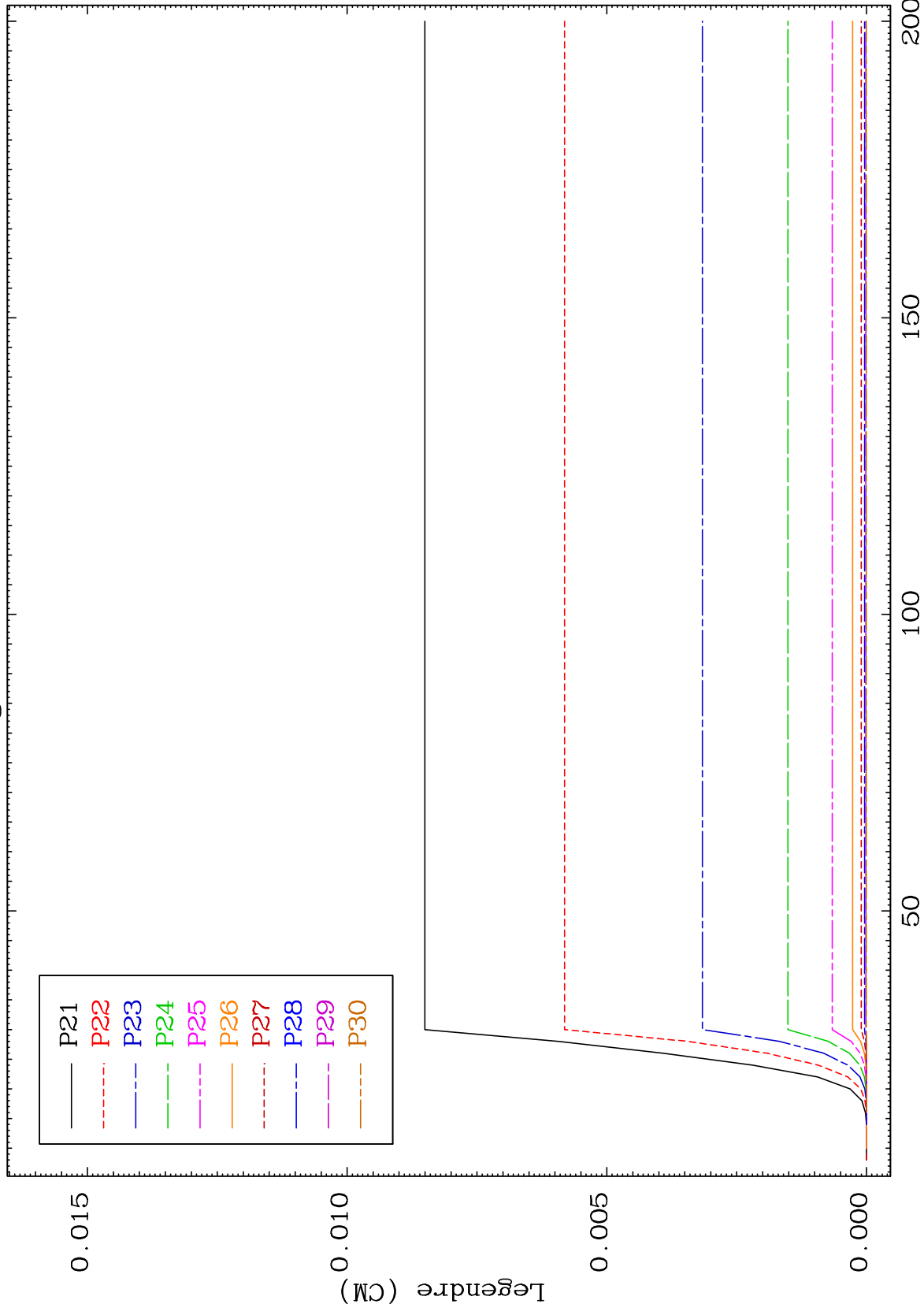
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



73

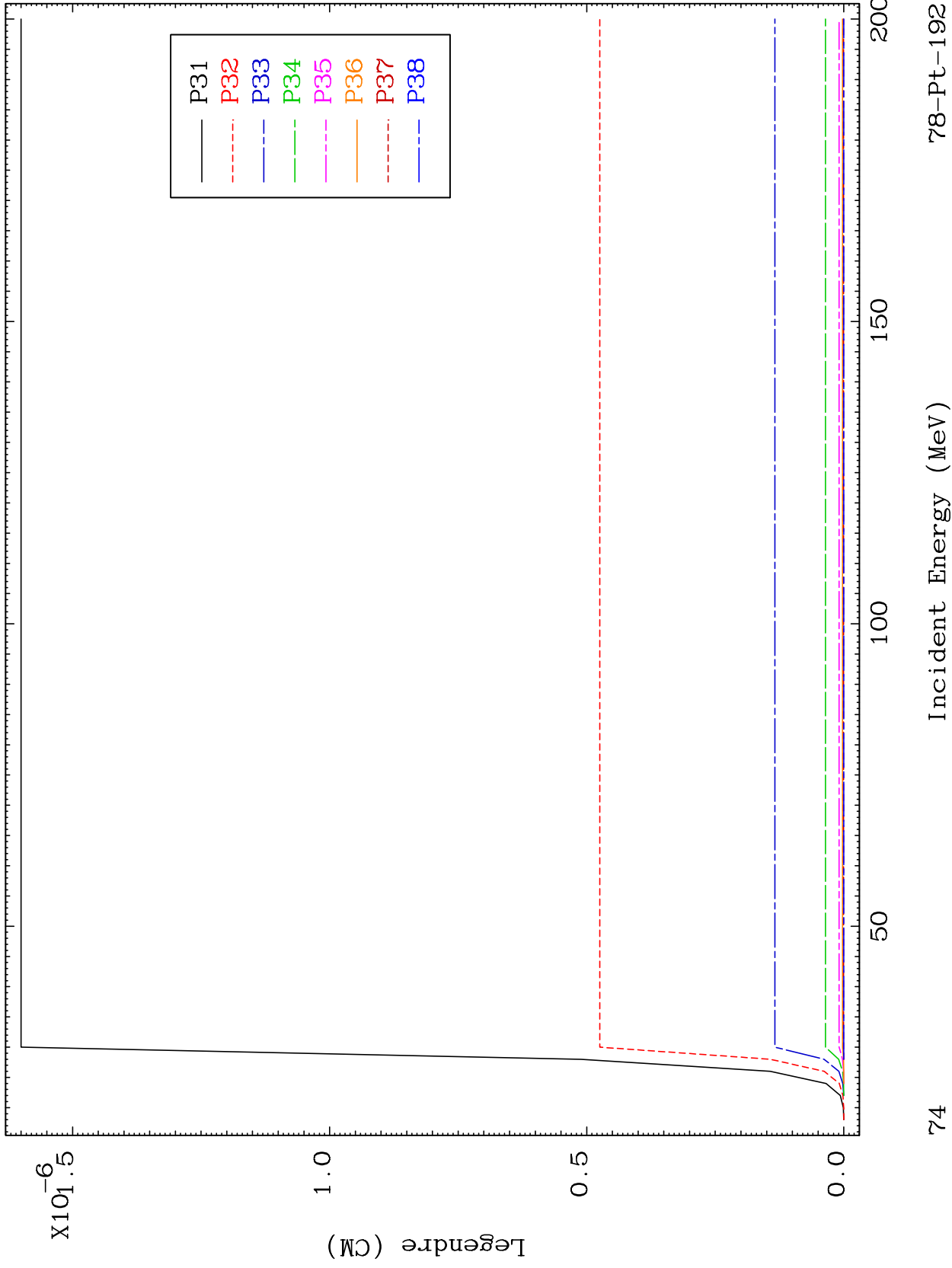
Incident Energy (MeV)

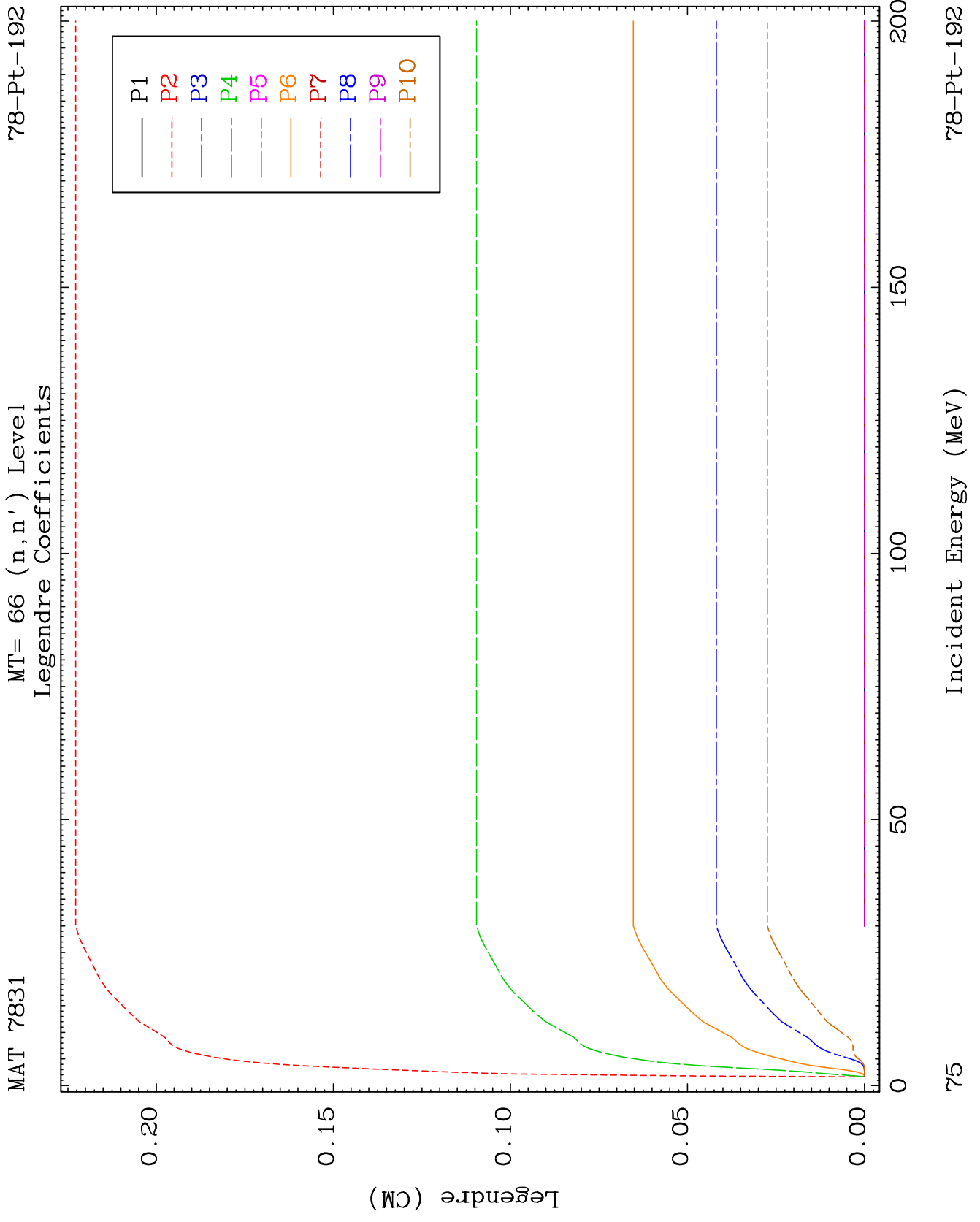
78-Pt-192

MAT 7831

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

78-Pt-192

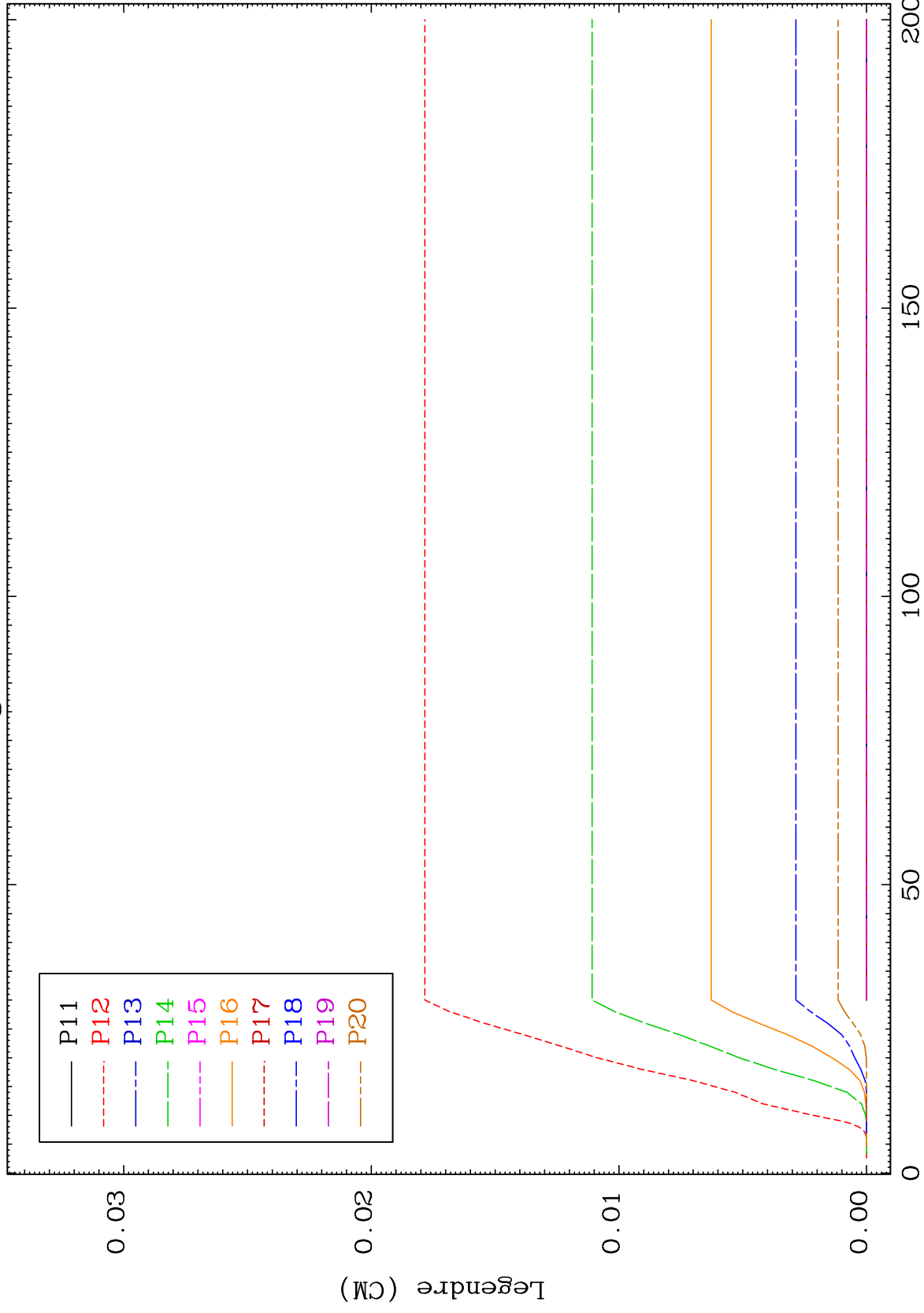




MAT 7831

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

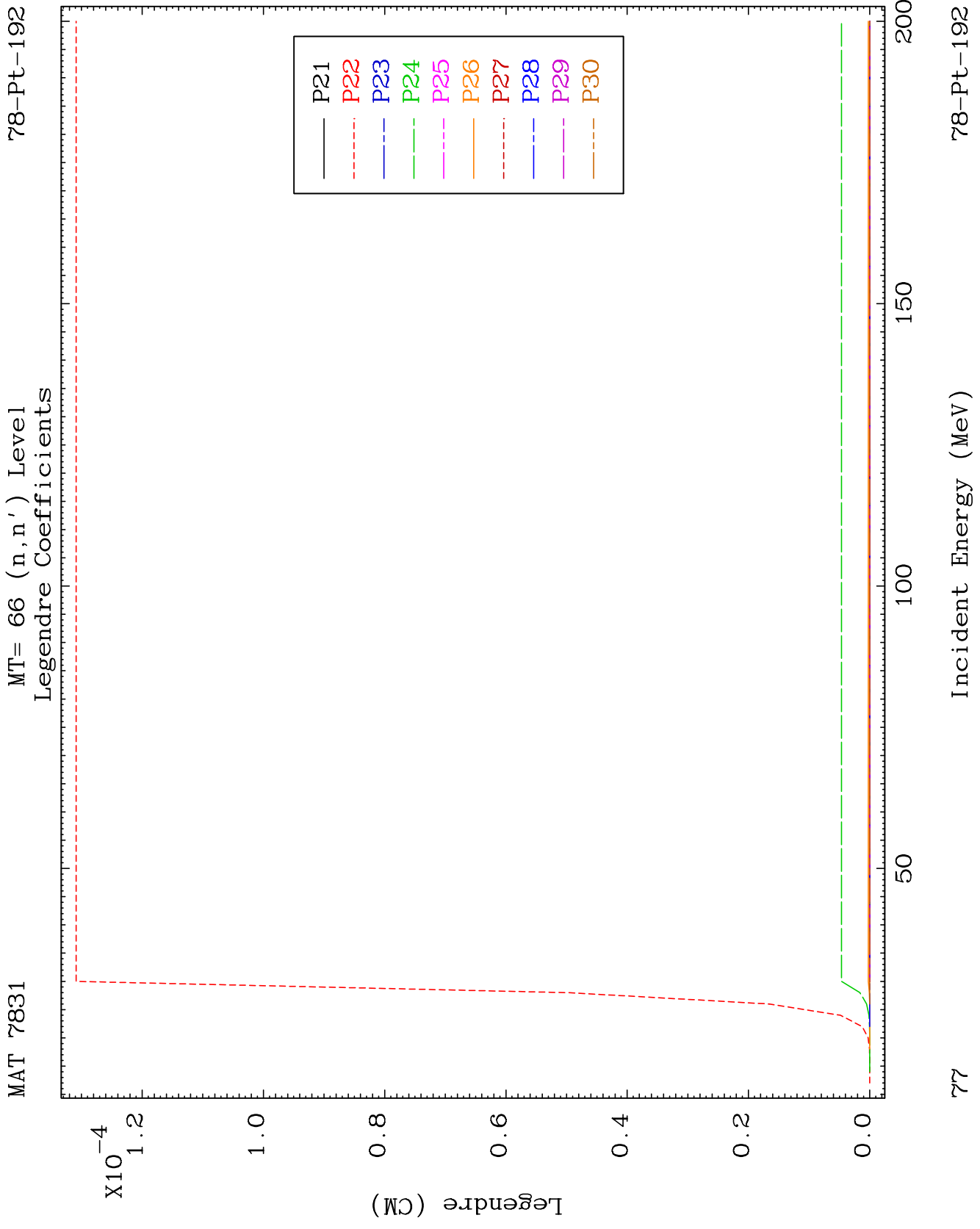
78-Pt-192

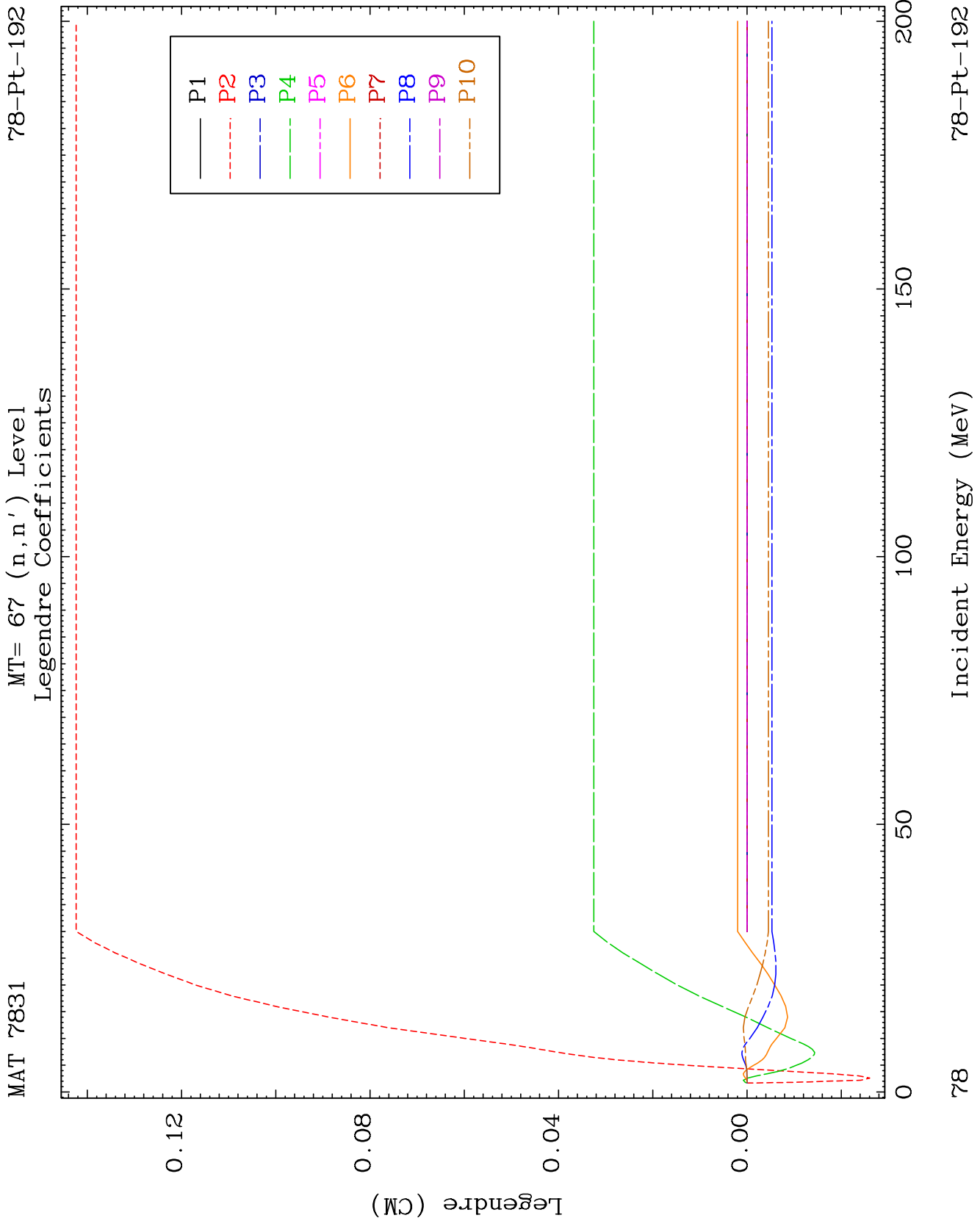


76

Incident Energy (MeV)

78-Pt-192

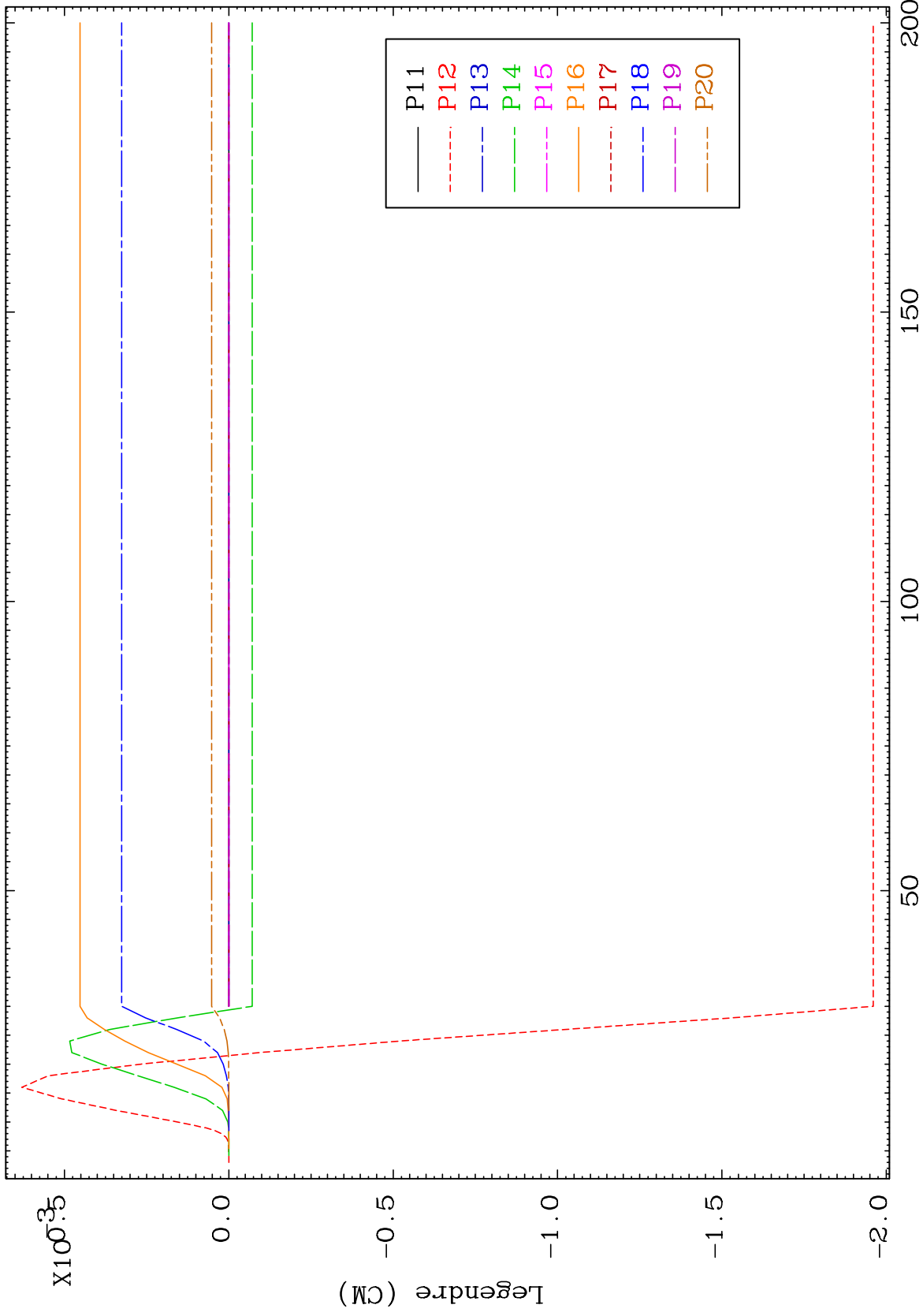




MAT 7831

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

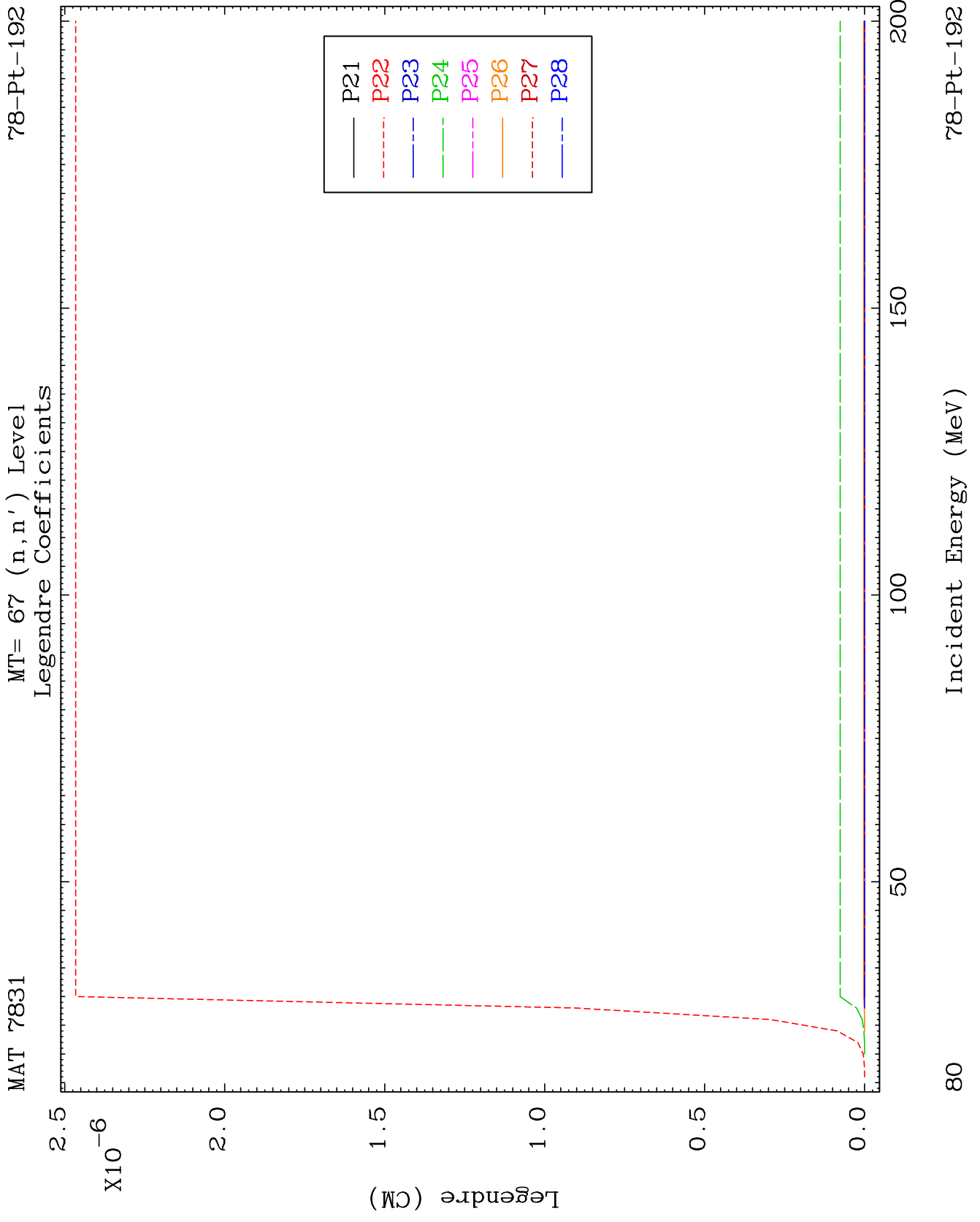
78-Pt-192

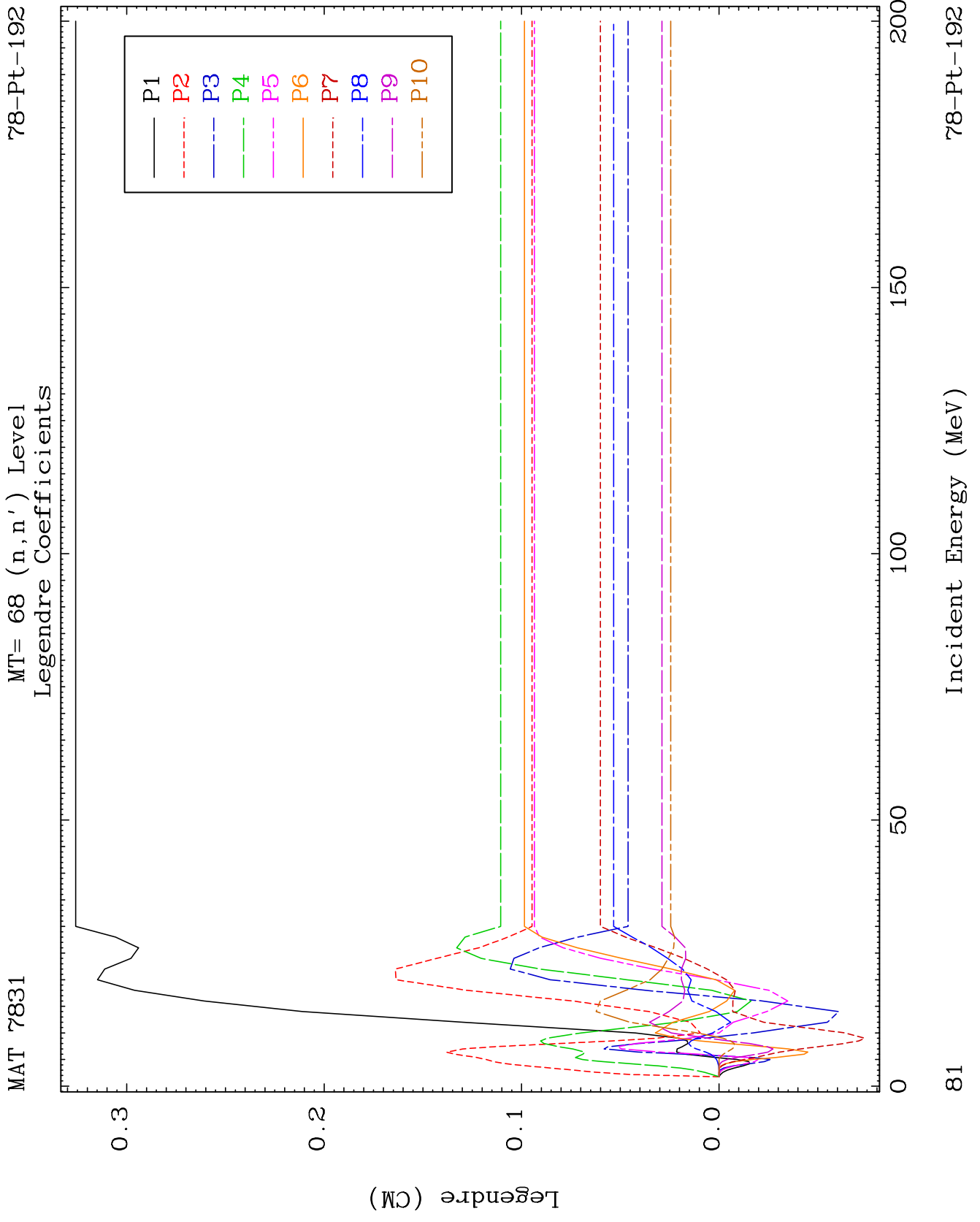


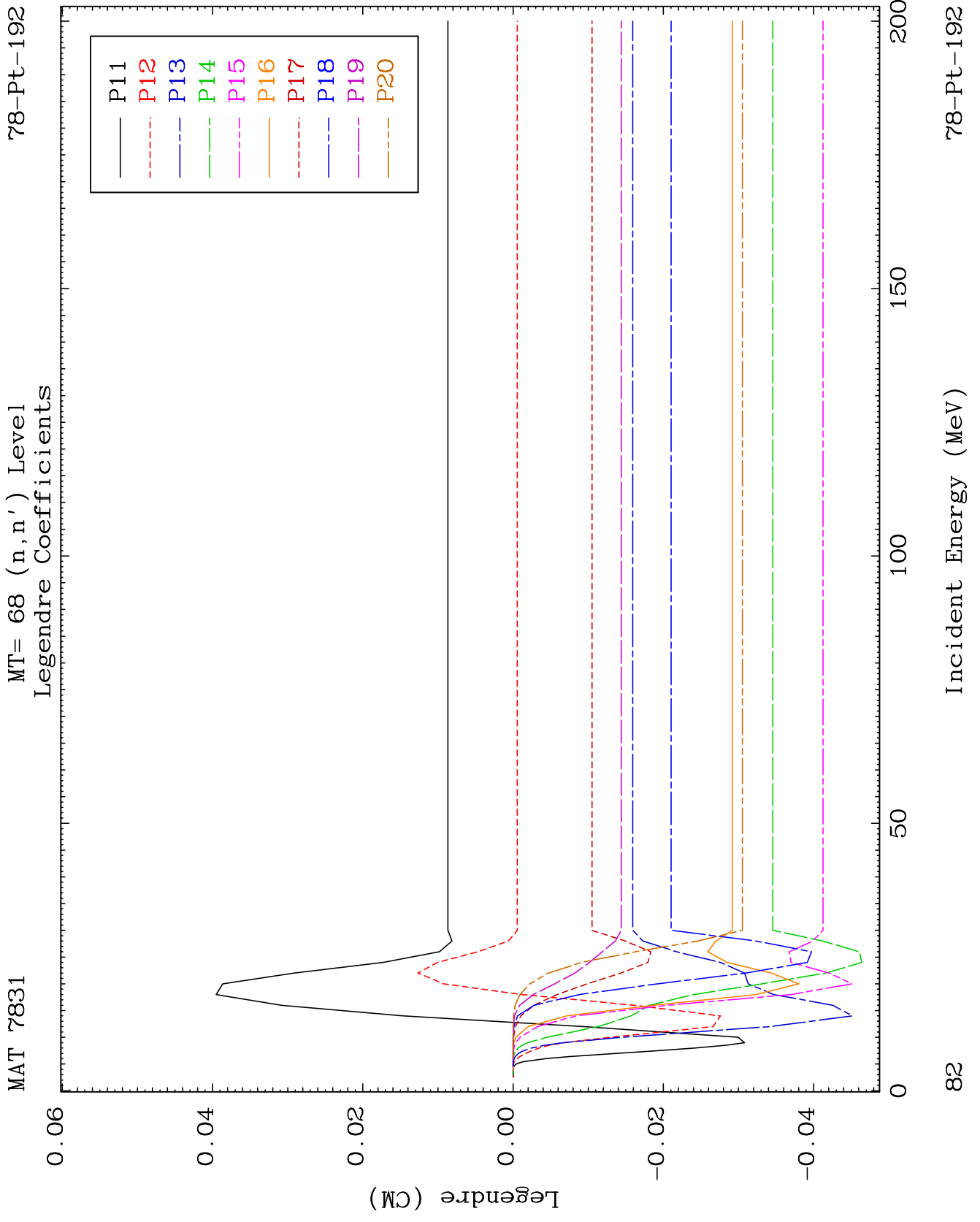
79

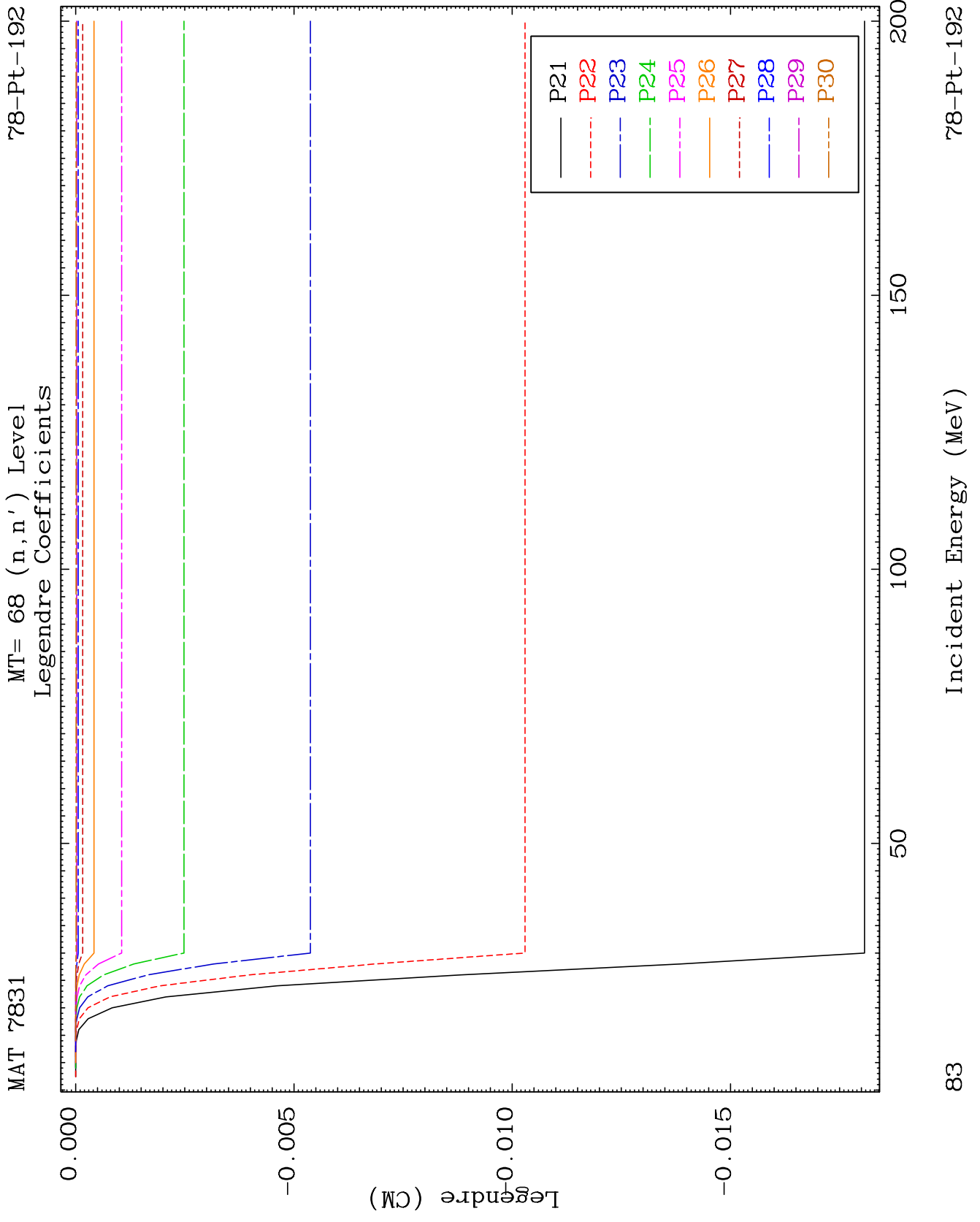
Incident Energy (MeV)

78-Pt-192





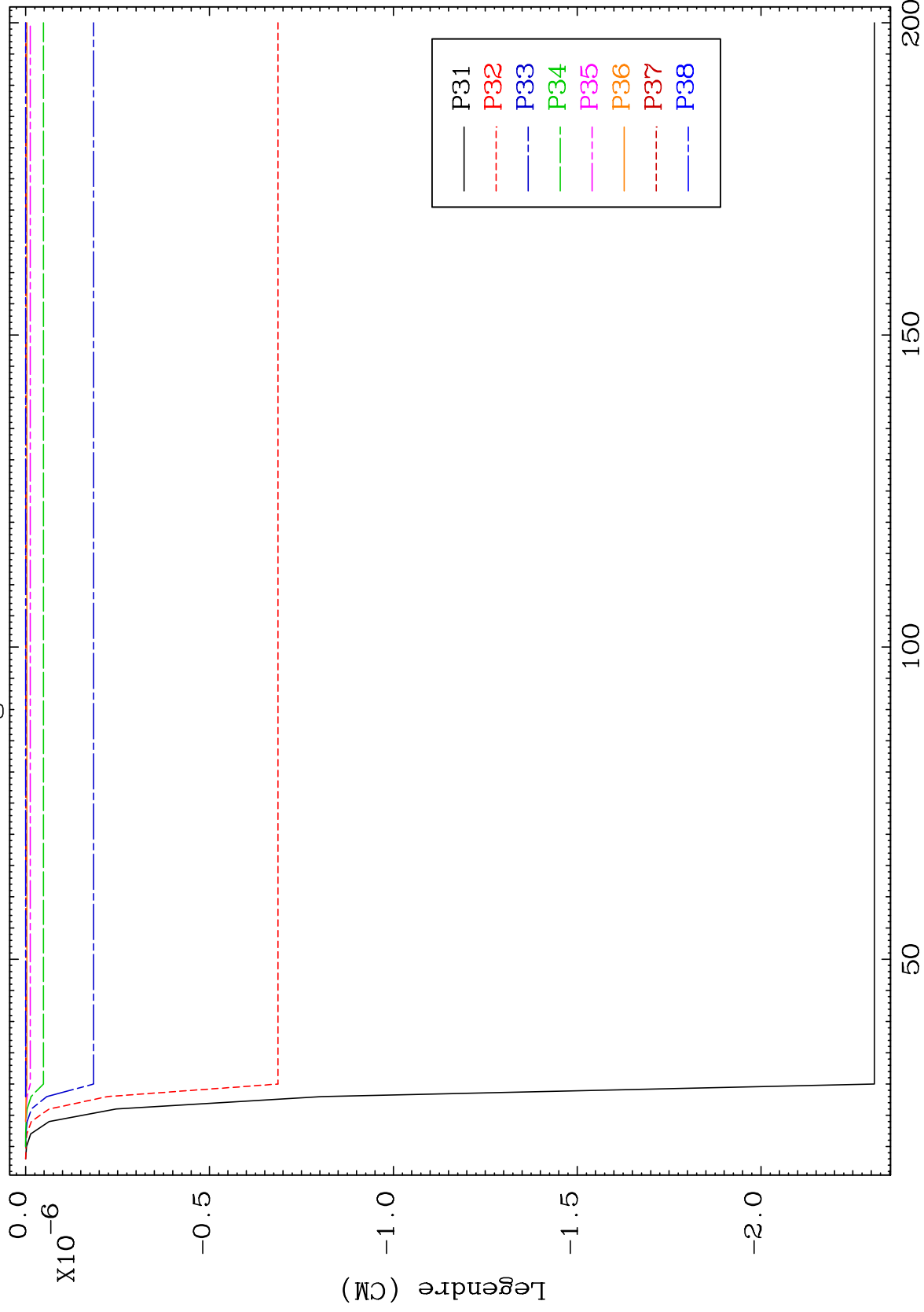




MAT 7831

78-Pt-192

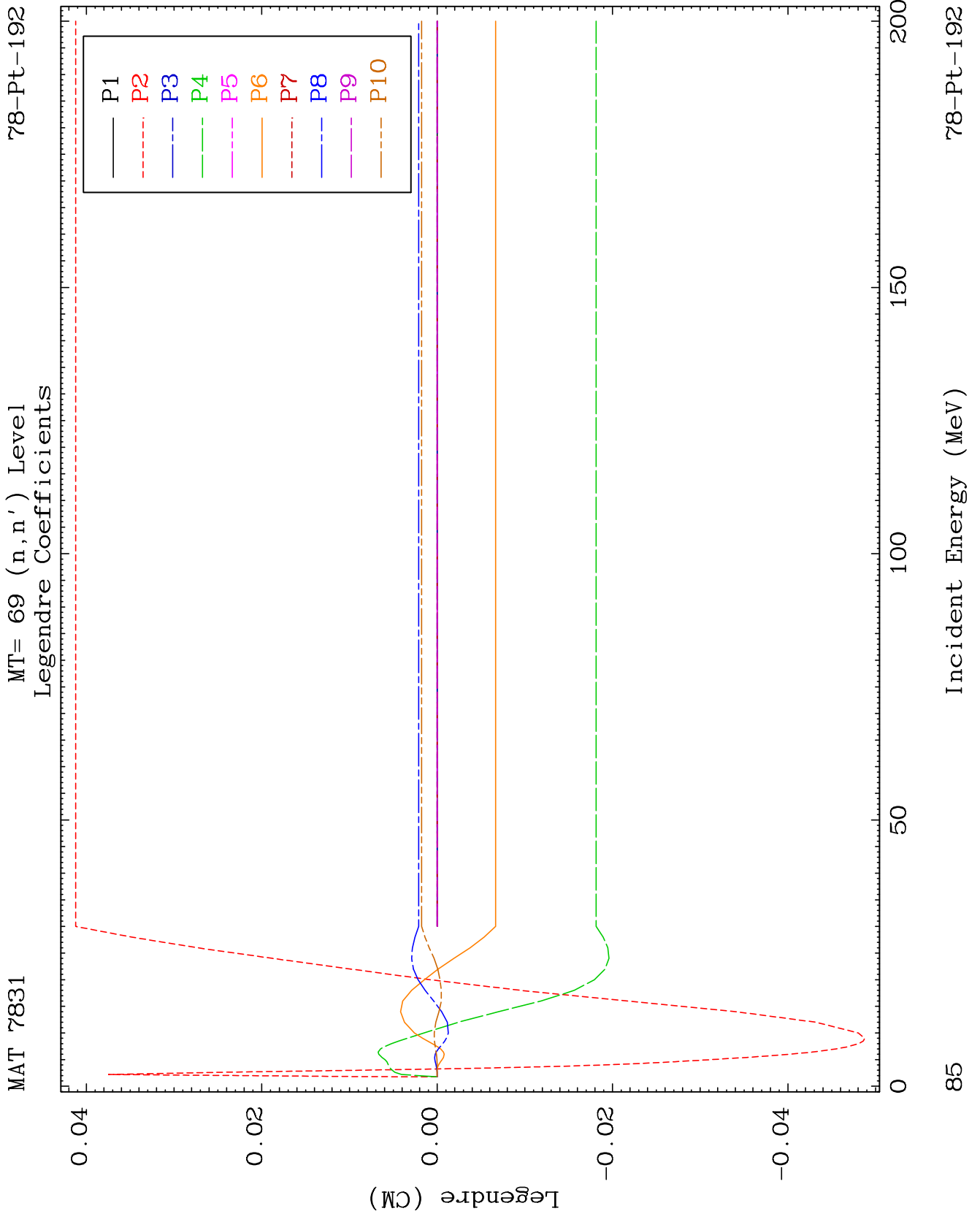
MT= 68 (n,n') Level
Legendre Coefficients



84

Incident Energy (MeV)

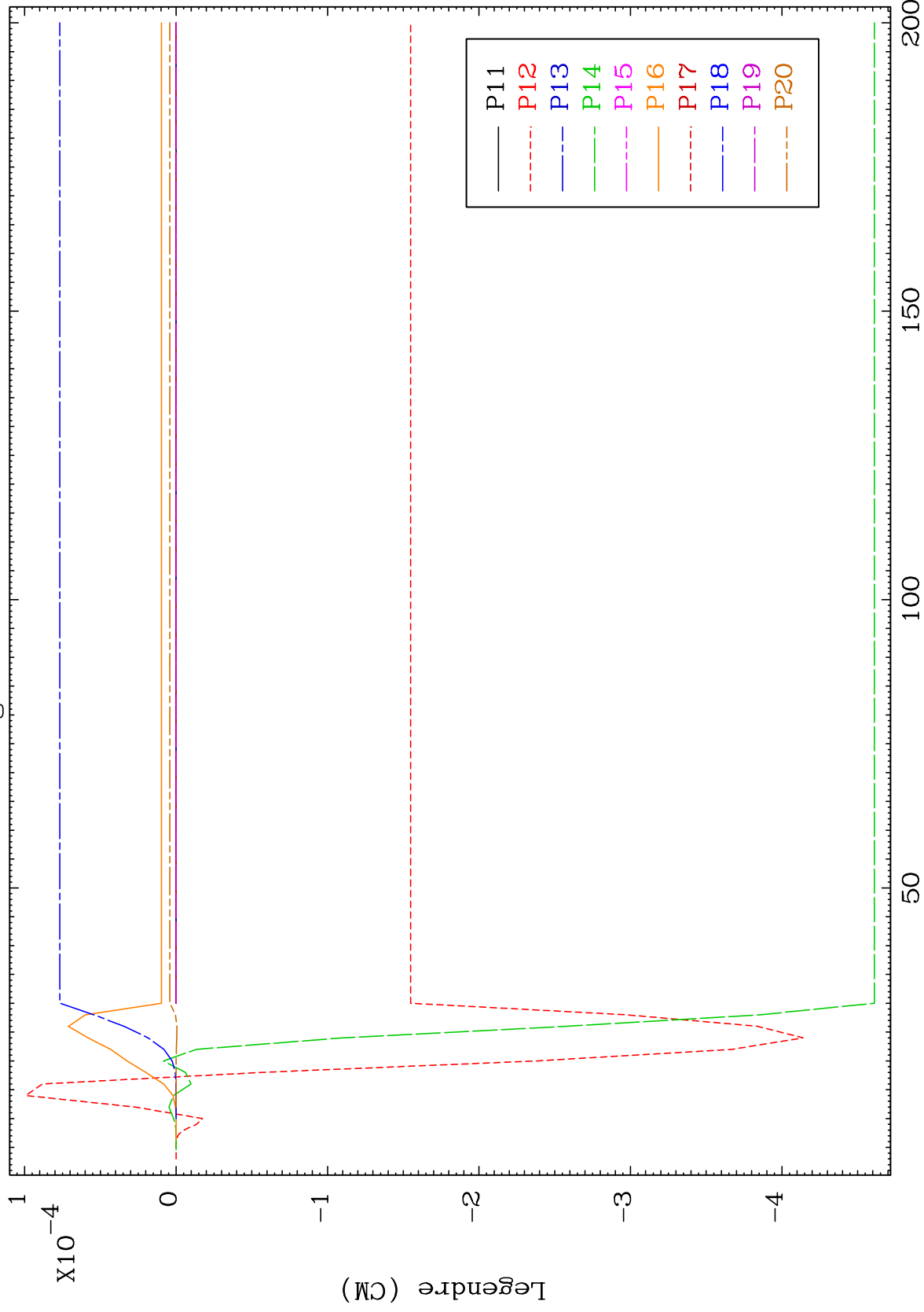
78-Pt-192



MAT 7831

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

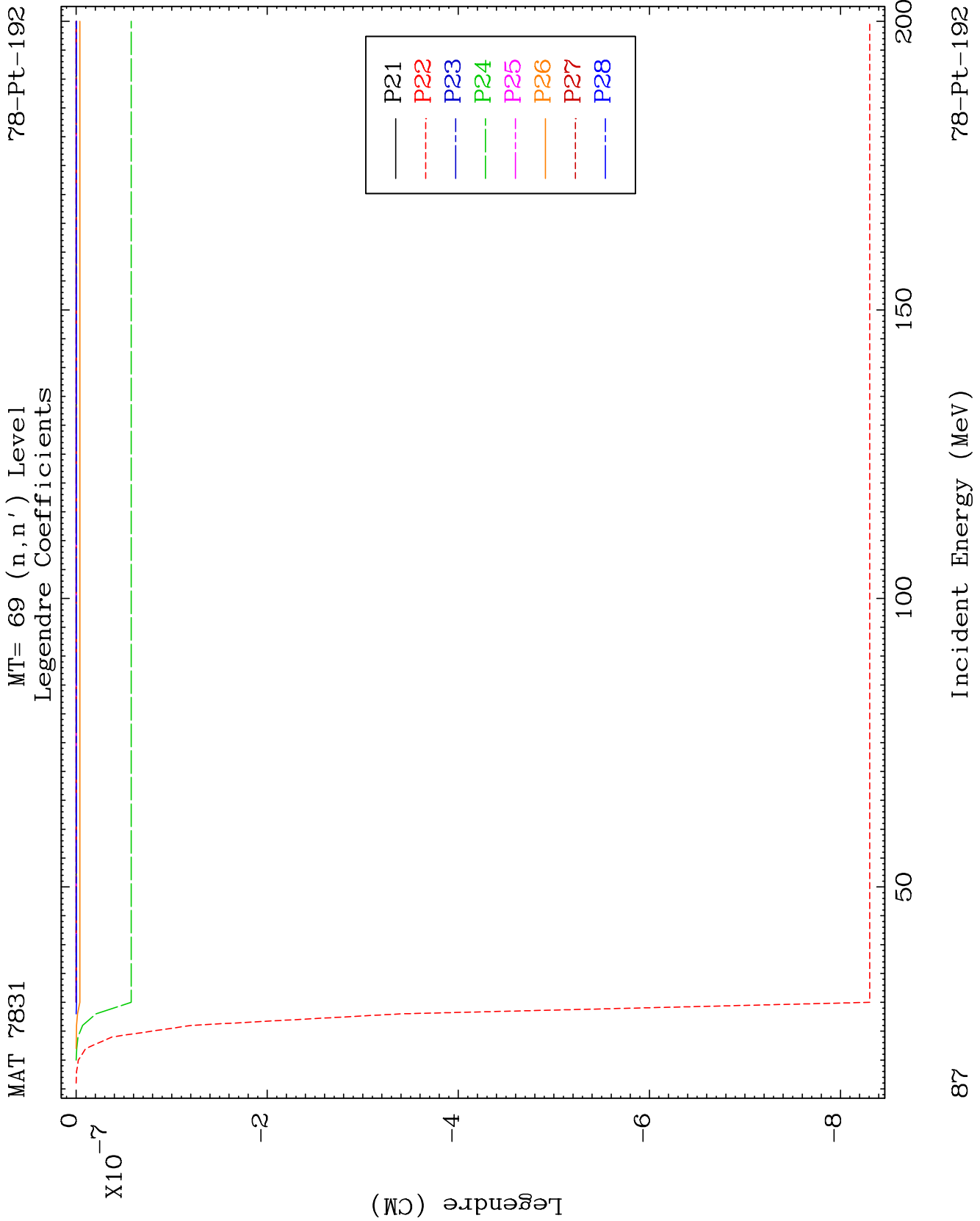
78-Pt-192



86

Incident Energy (MeV)

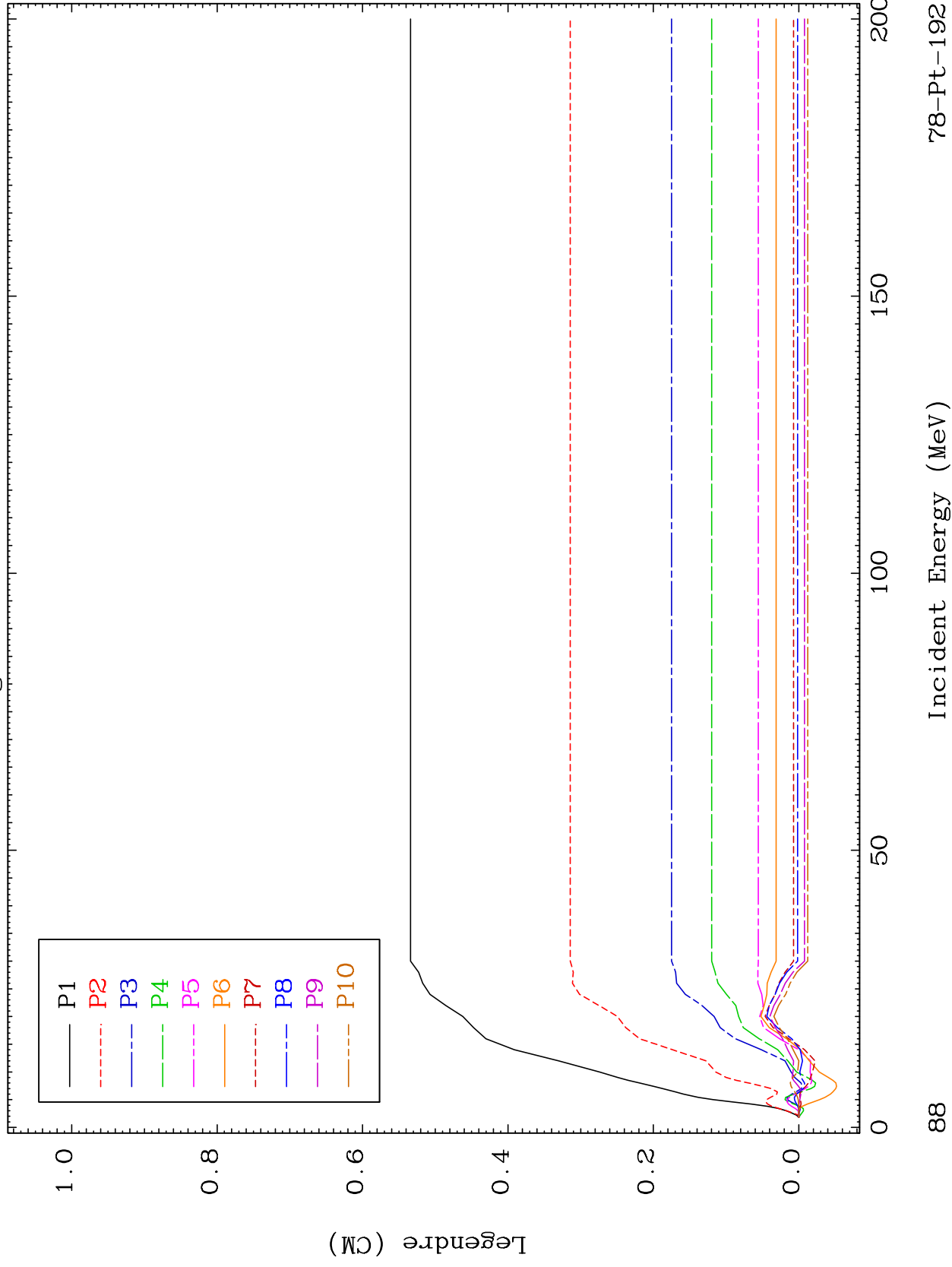
78-Pt-192



MAT 7831

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

78-Pt-192



88

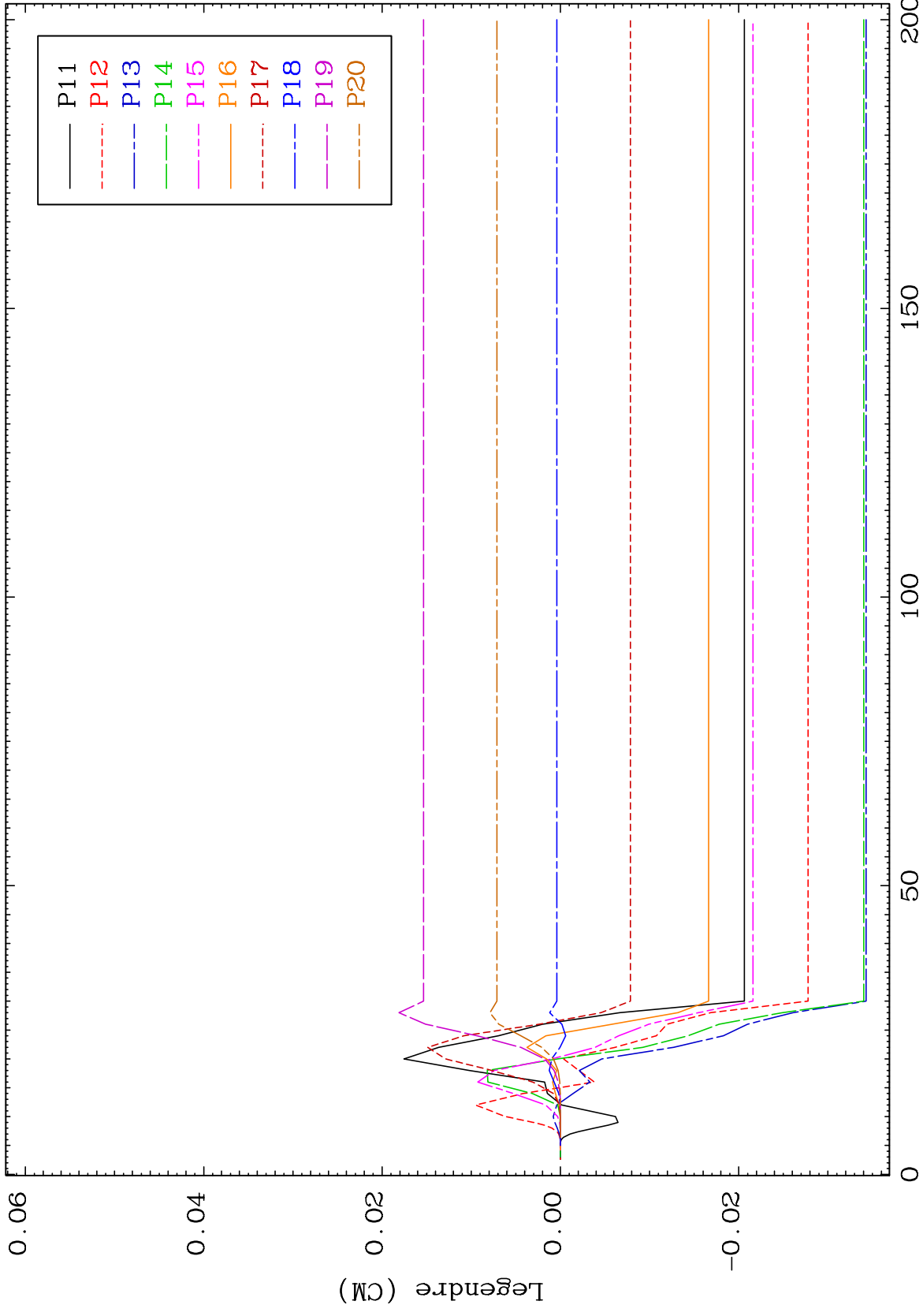
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



89

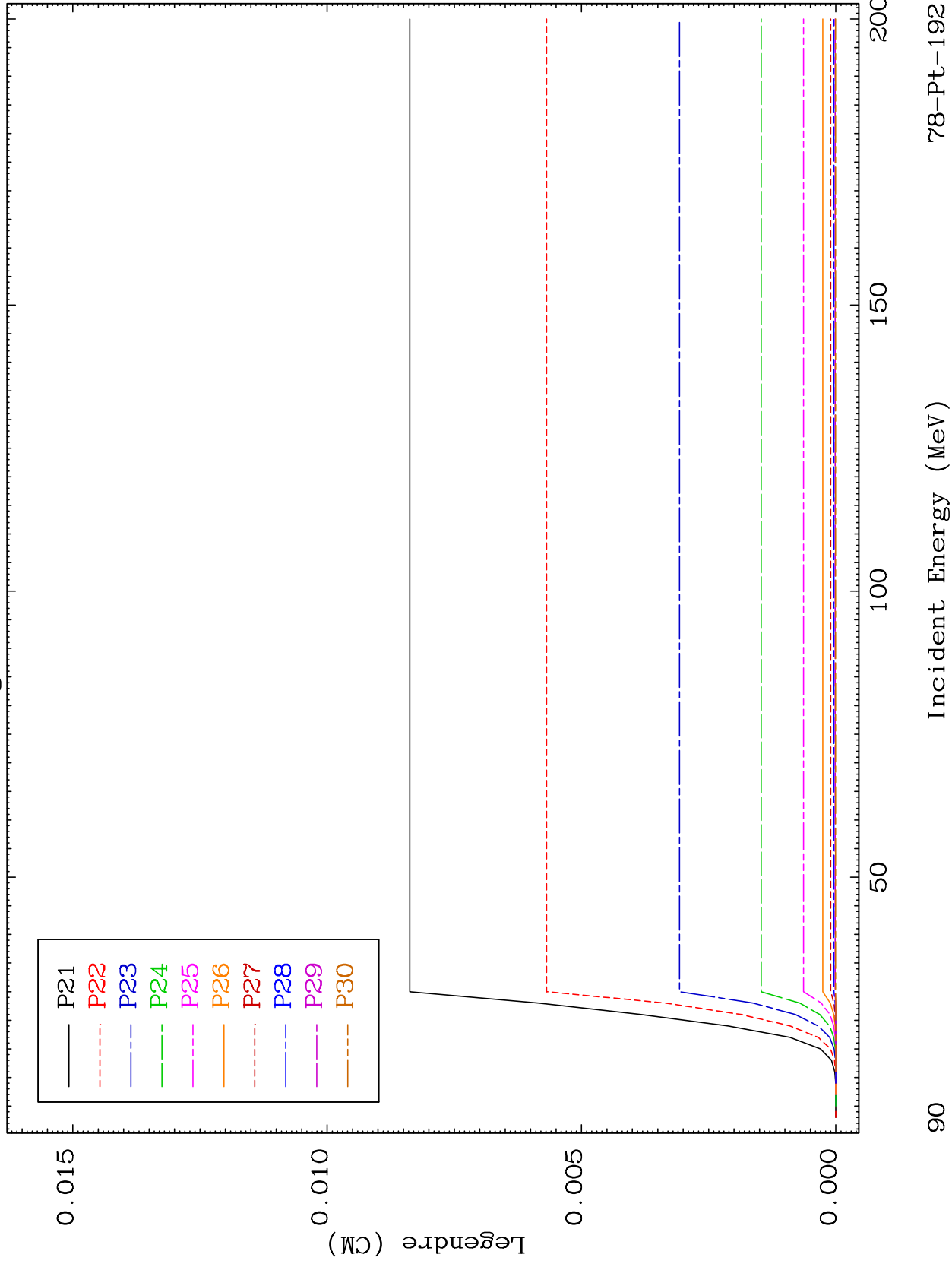
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



90

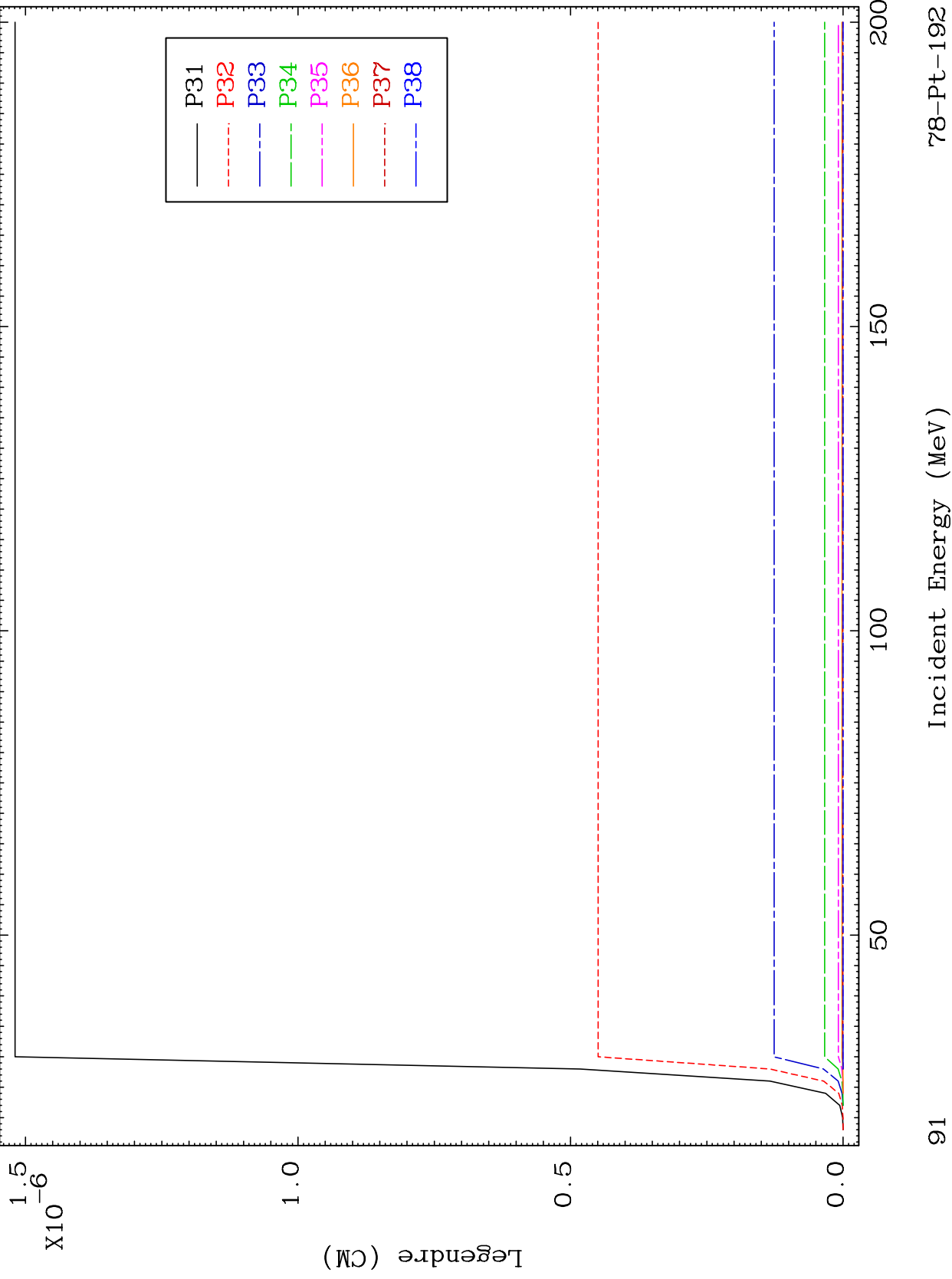
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

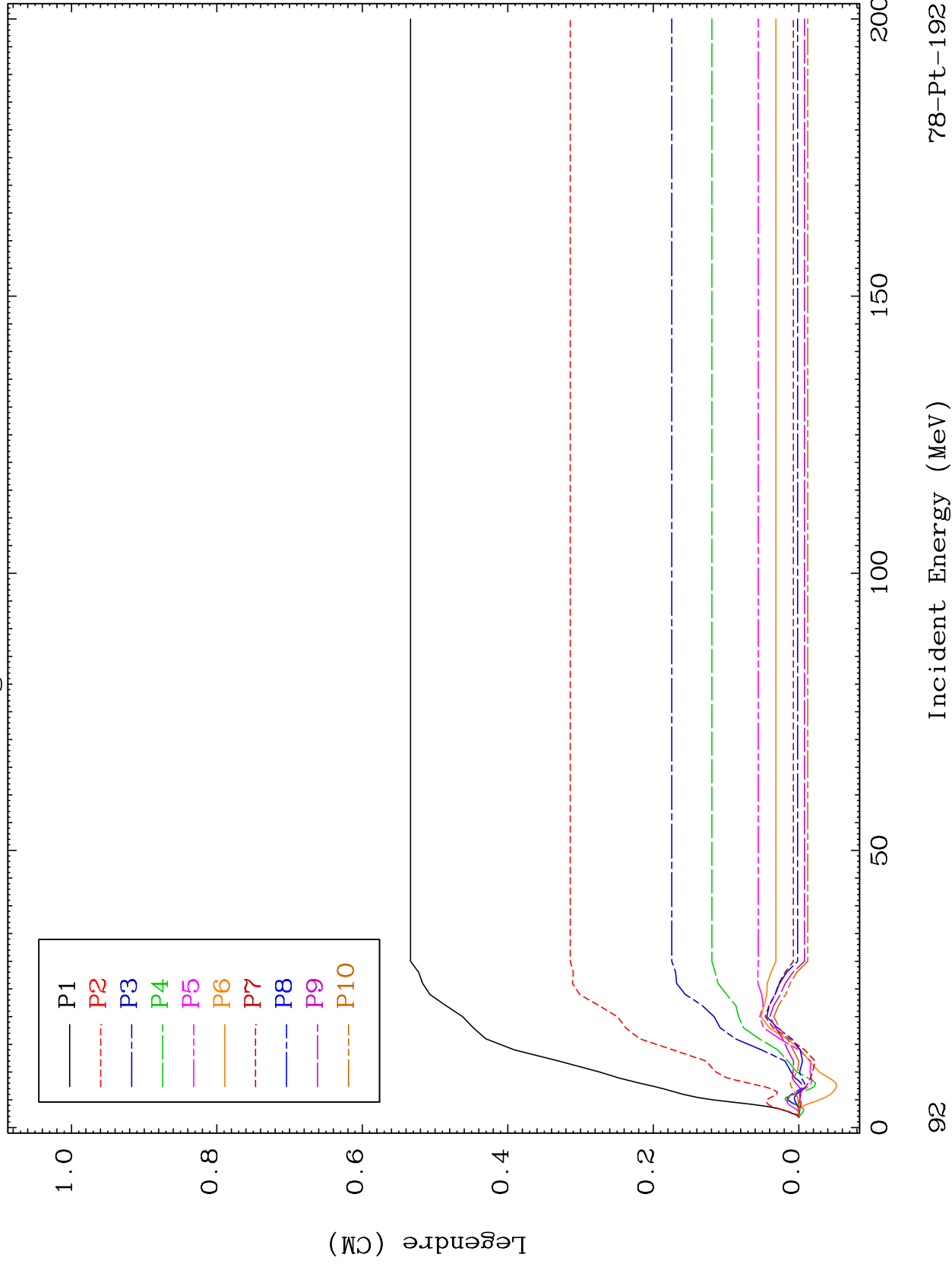
78-Pt-192



MAT 7831

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

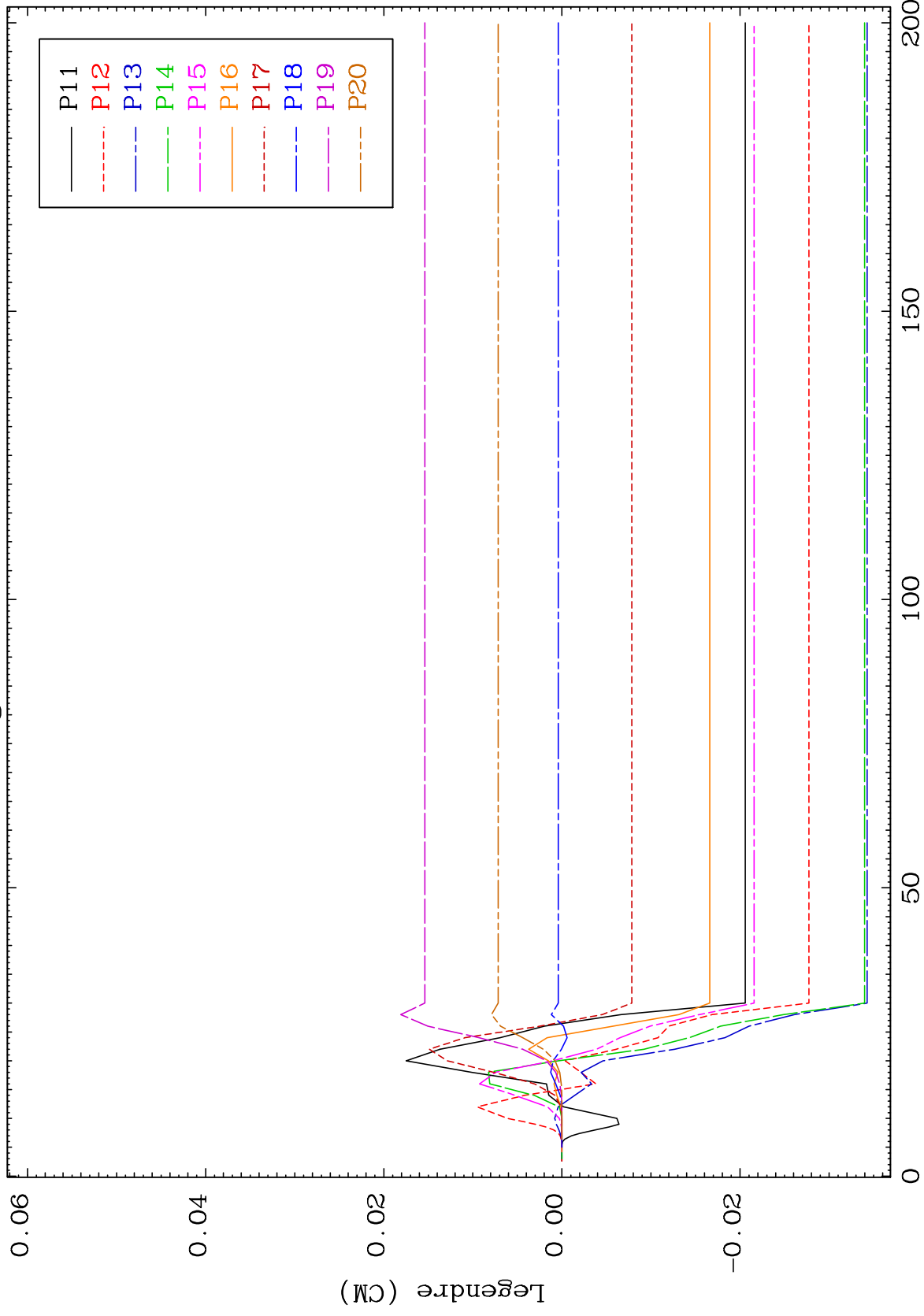
78-Pt-192



MAT 7831

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

78-Pt-192



93

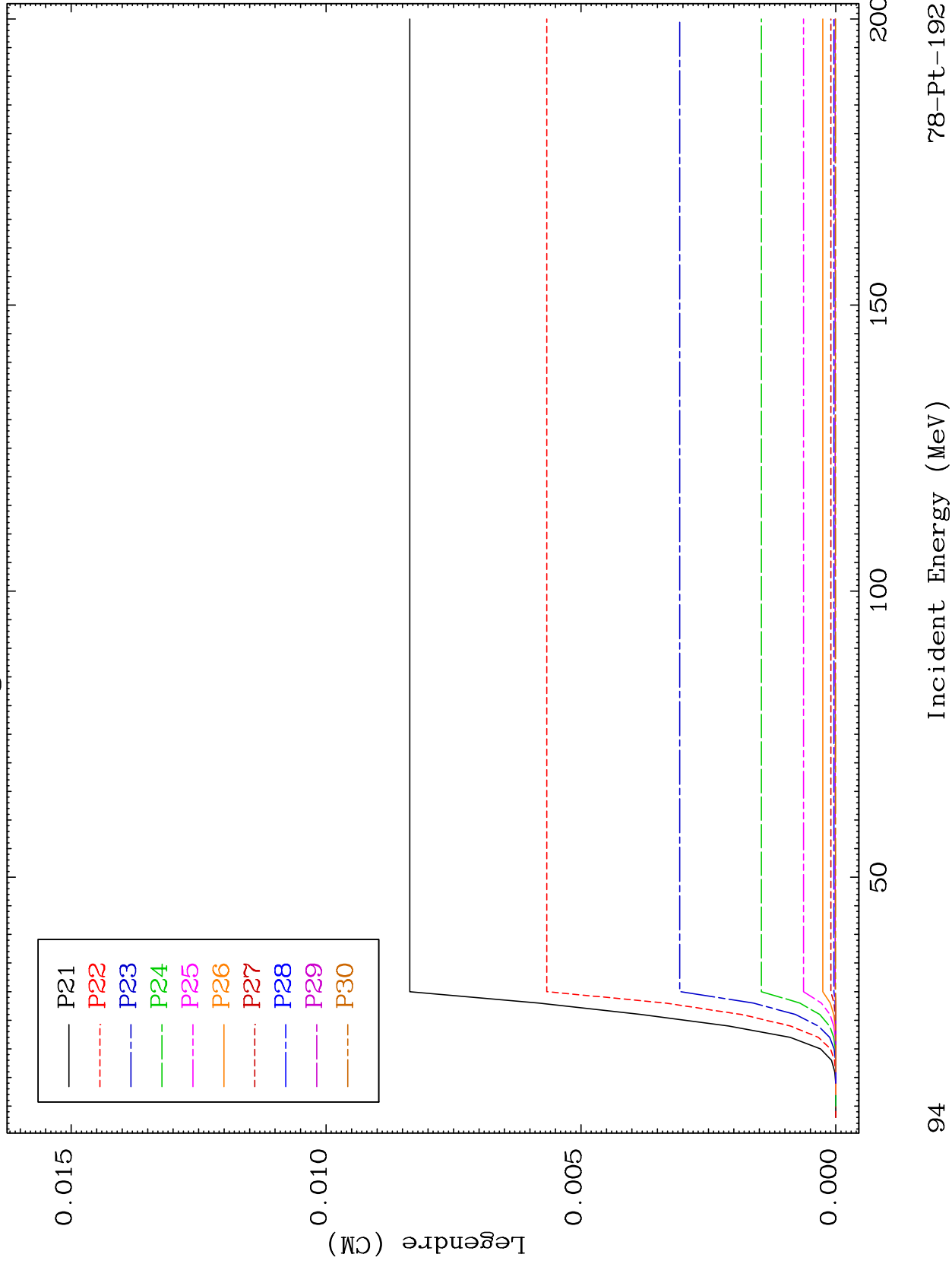
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



94

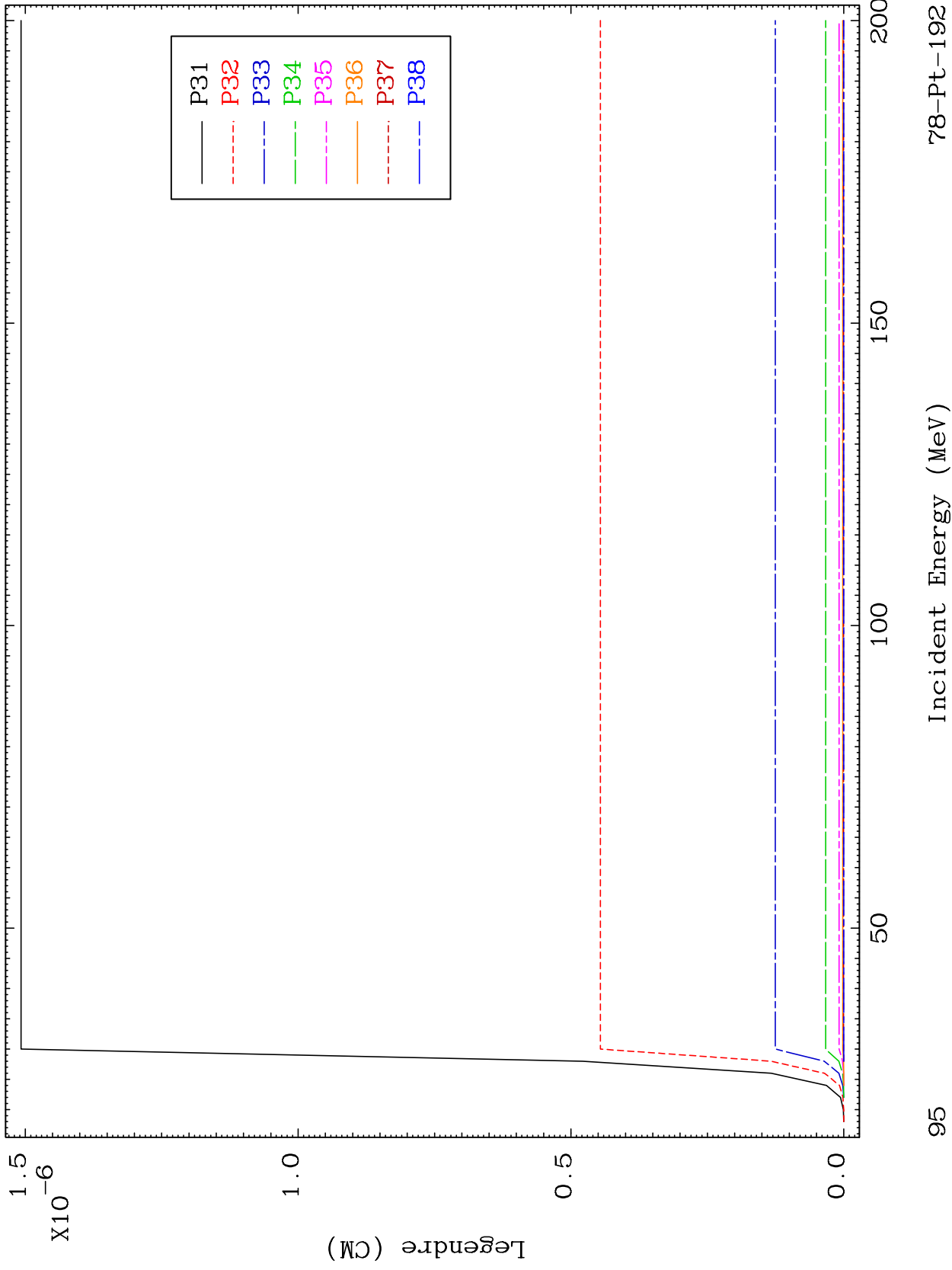
Incident Energy (MeV)

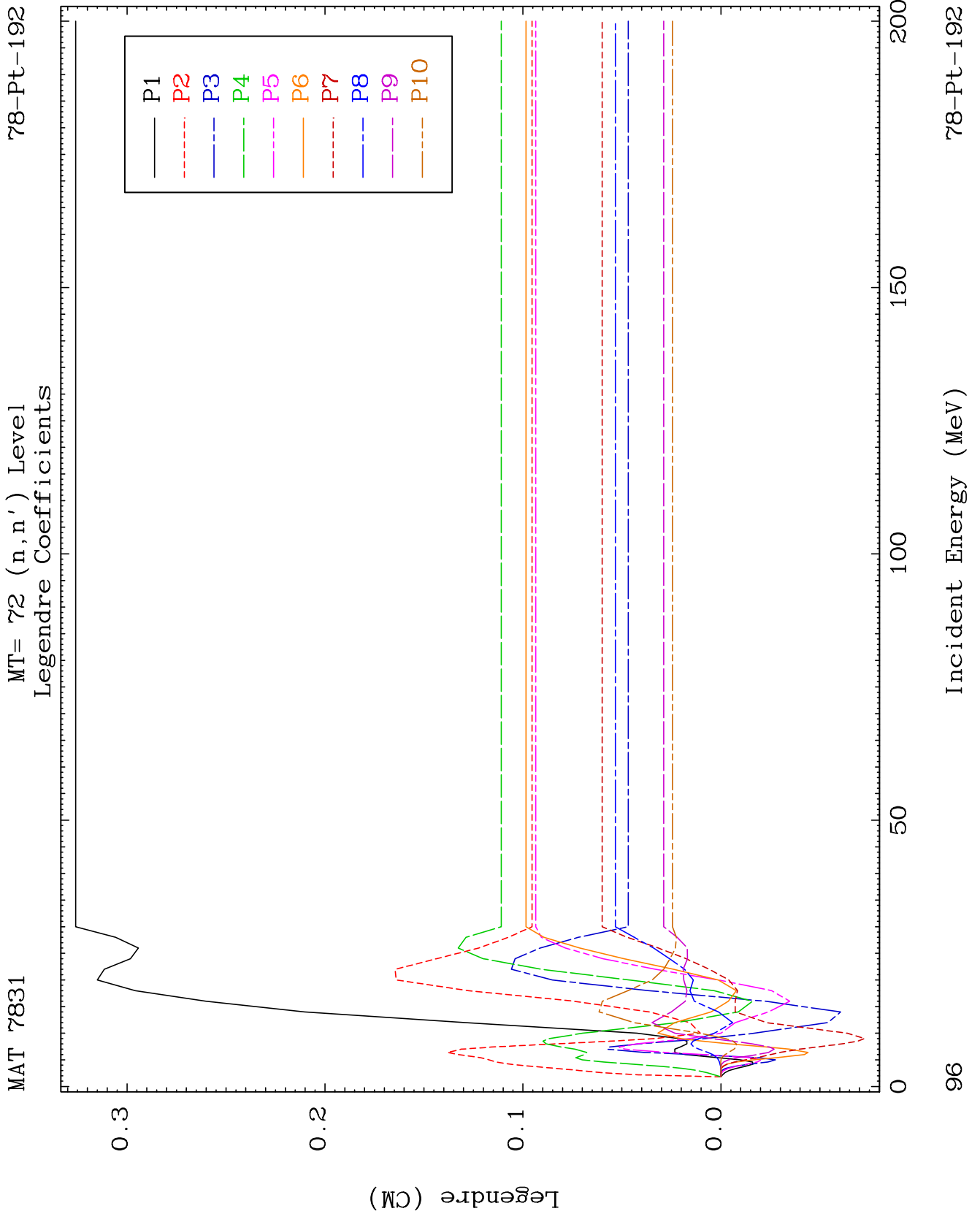
78-Pt-192

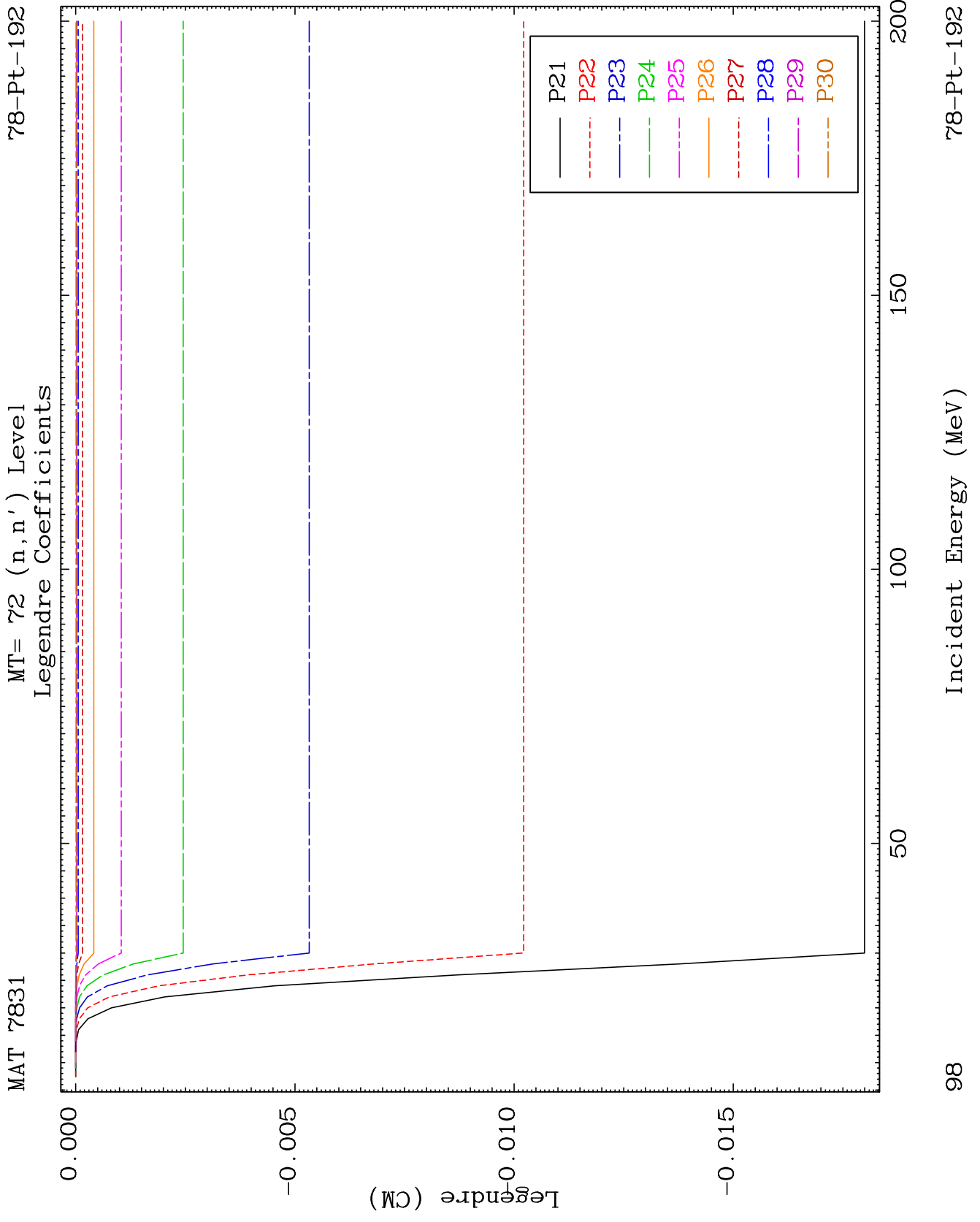
MAT 7831

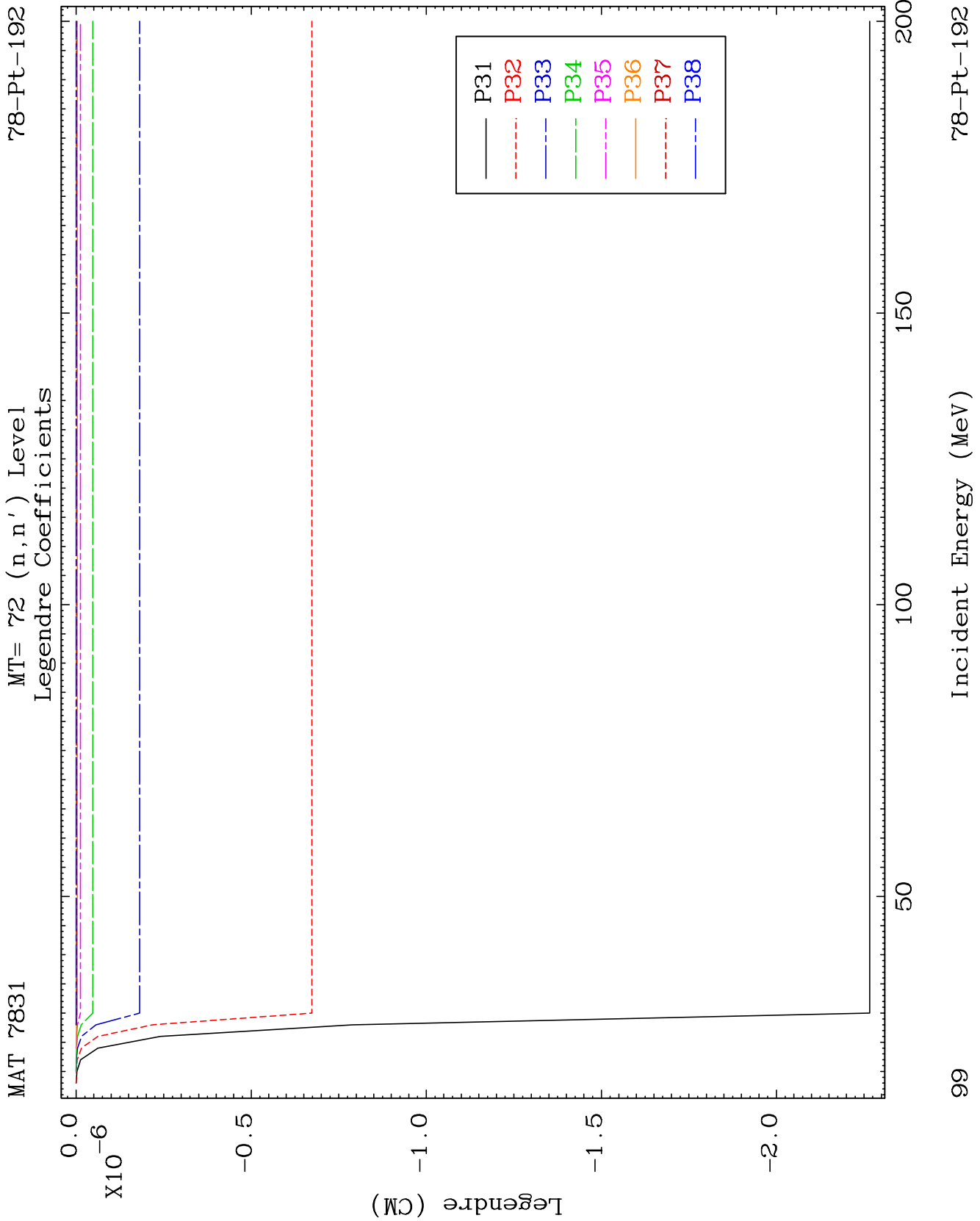
MT= 71 (n,n') Level
Legendre Coefficients

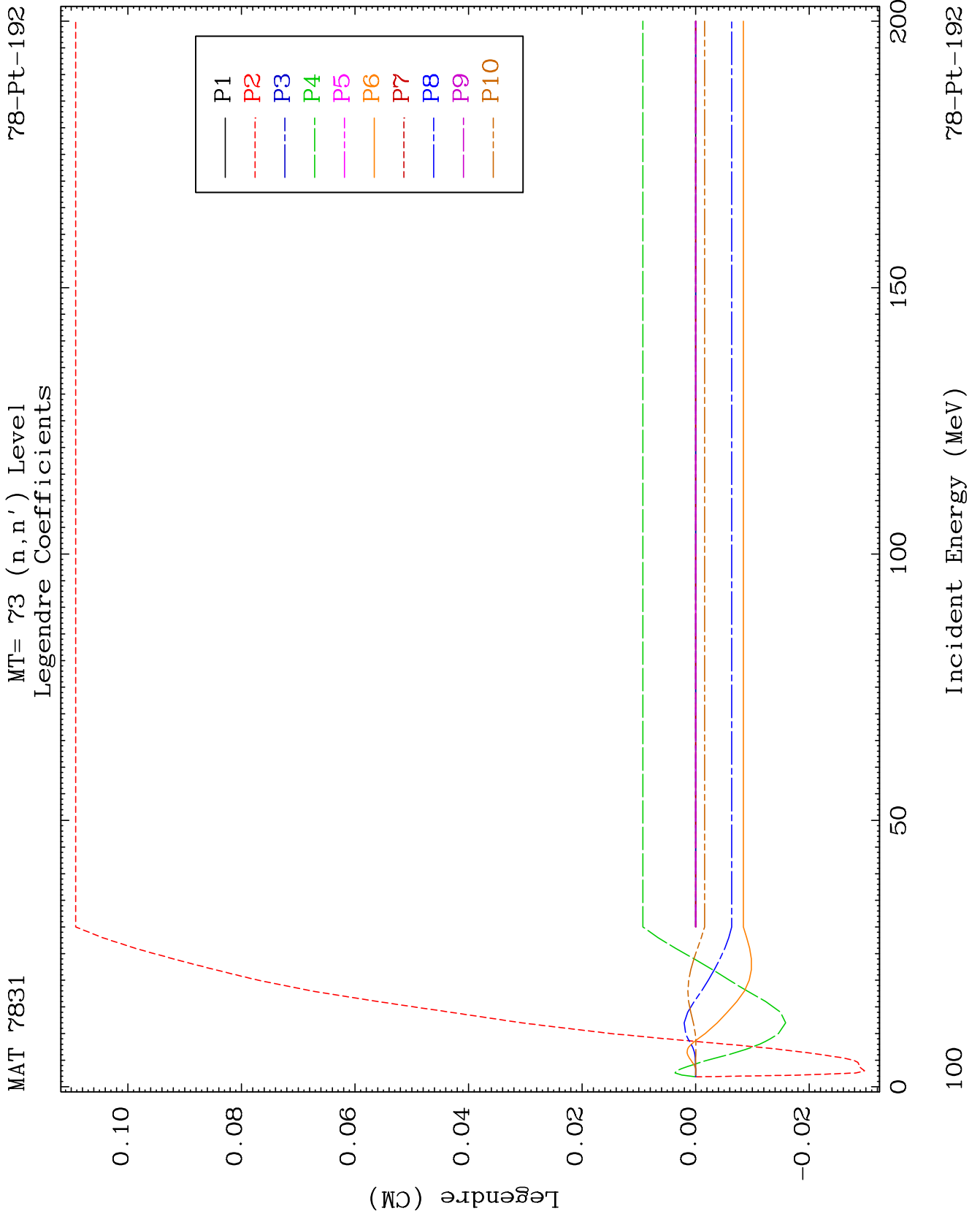
78-Pt-192







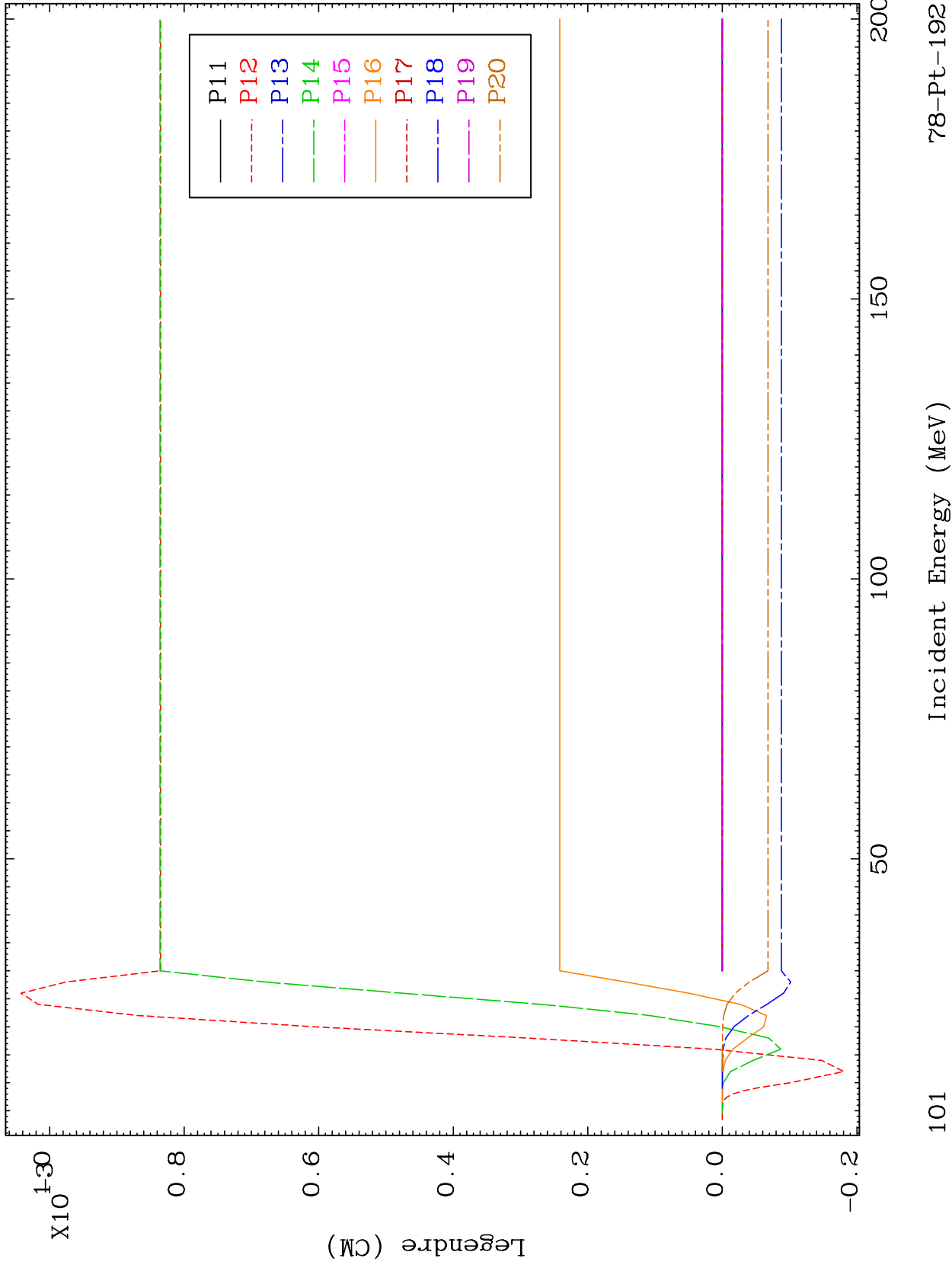


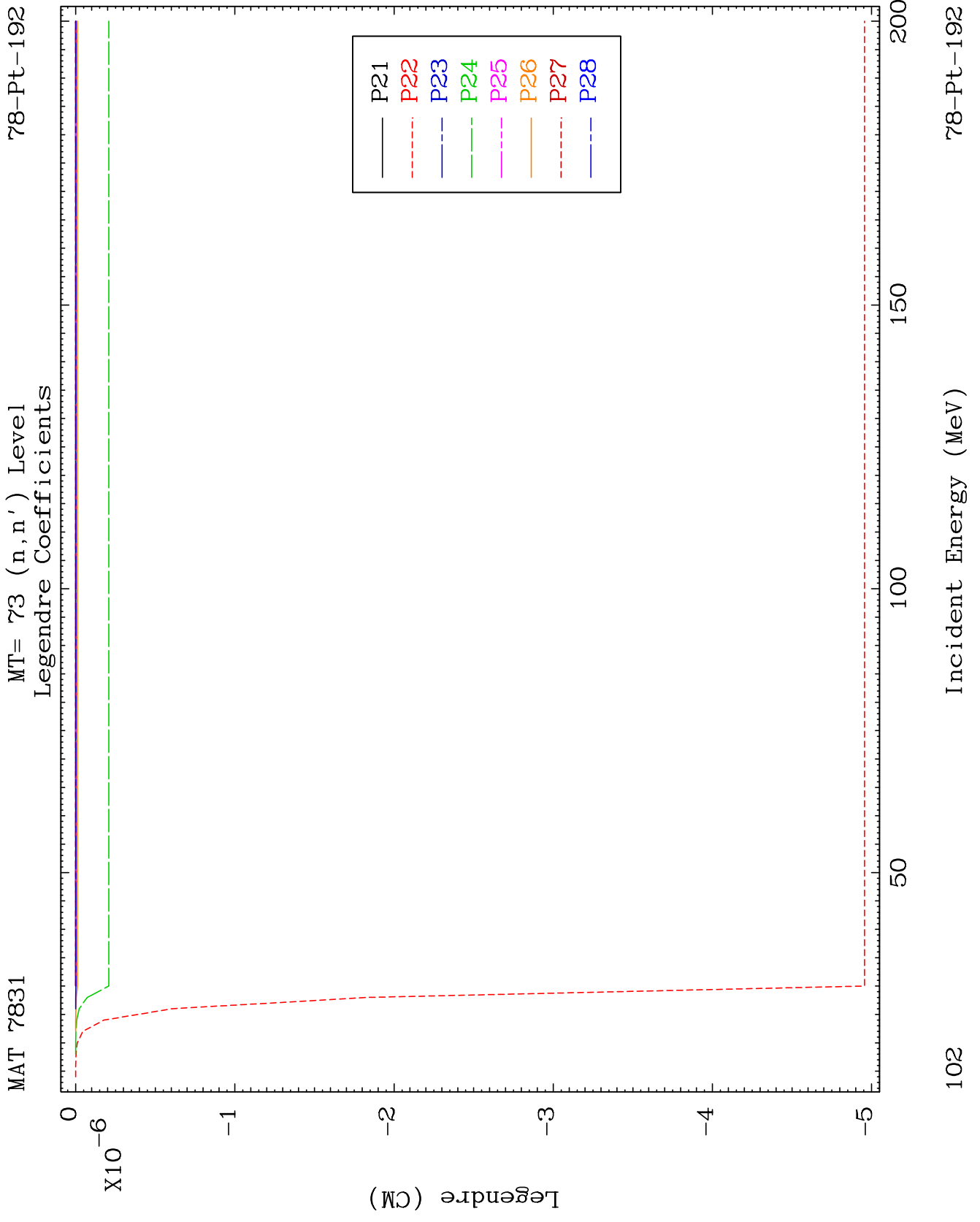


MAT 7831

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

78-Pt-192

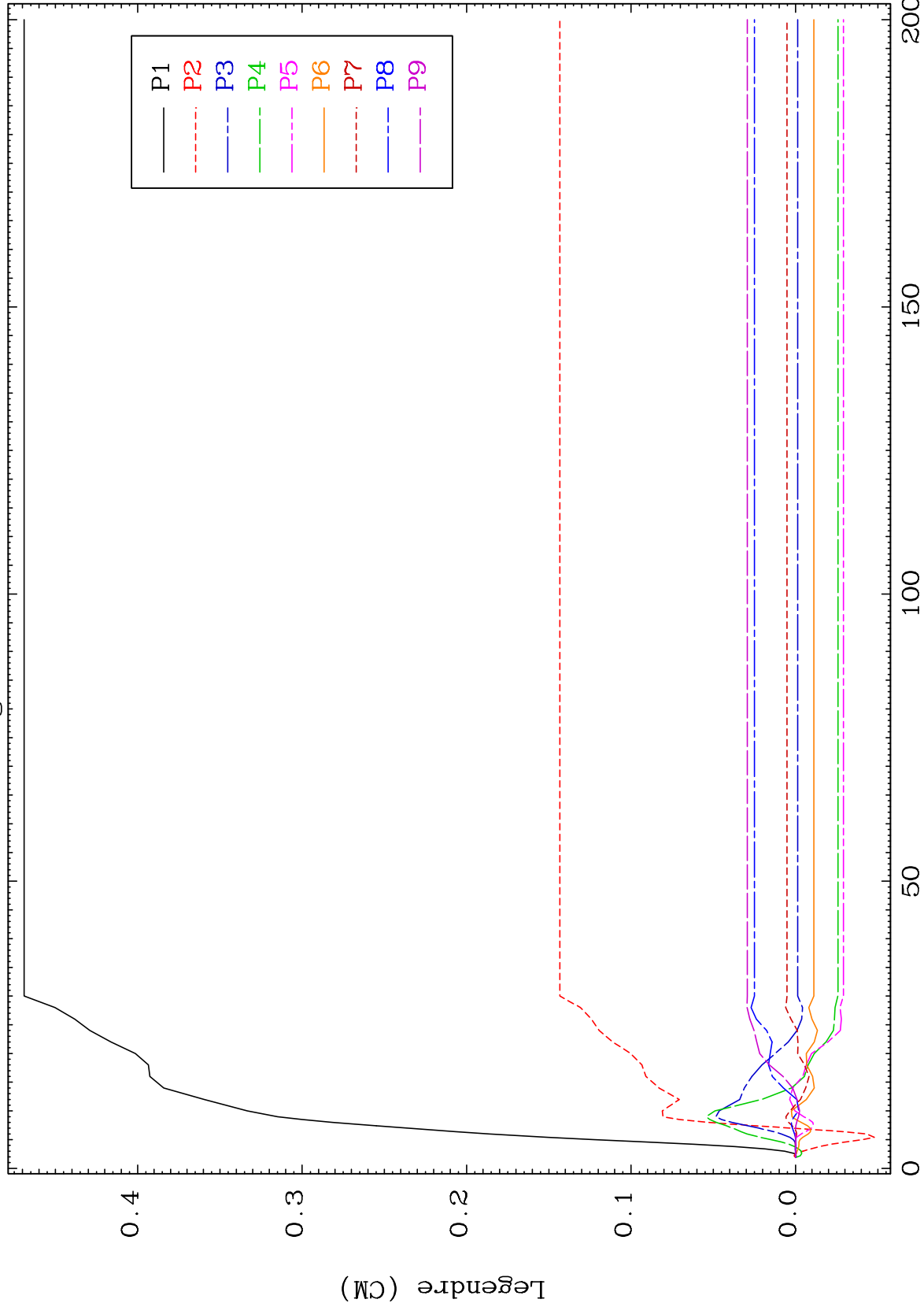




MAT 7831

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

78-Pt-192



78-Pt-192

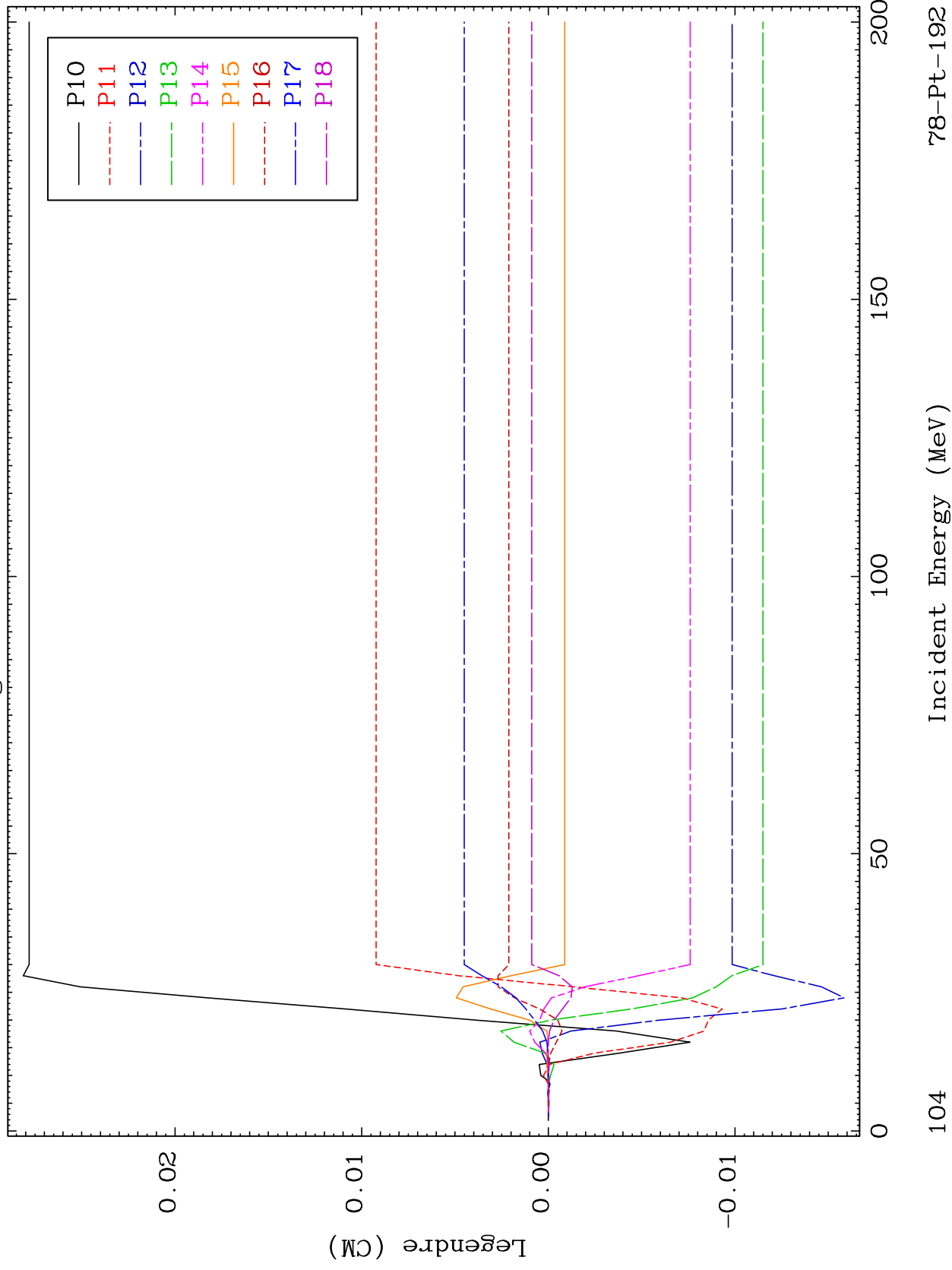
Incident Energy (MeV)

103

MAT 7831

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

78-Pt-192



104

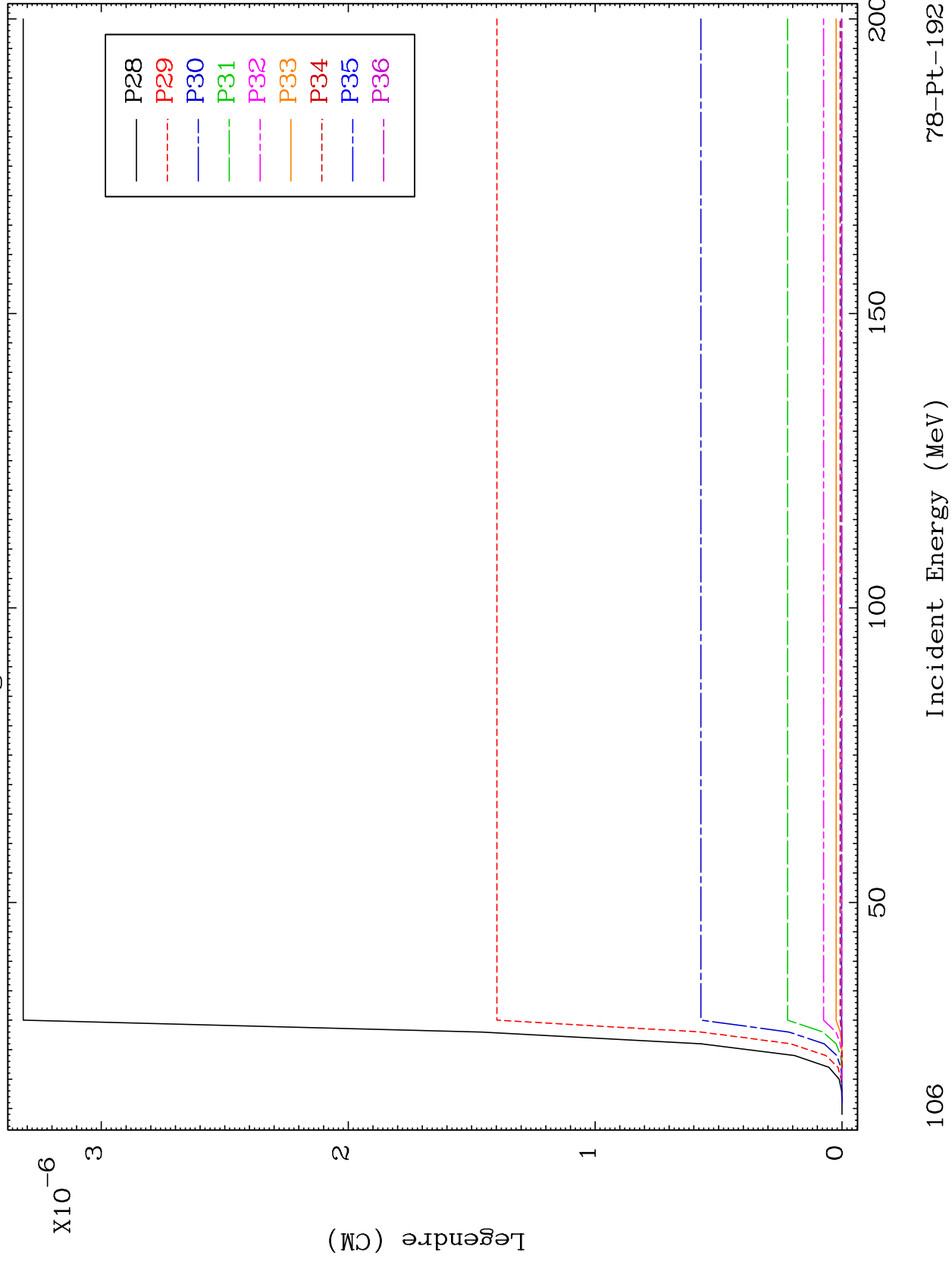
Incident Energy (MeV)

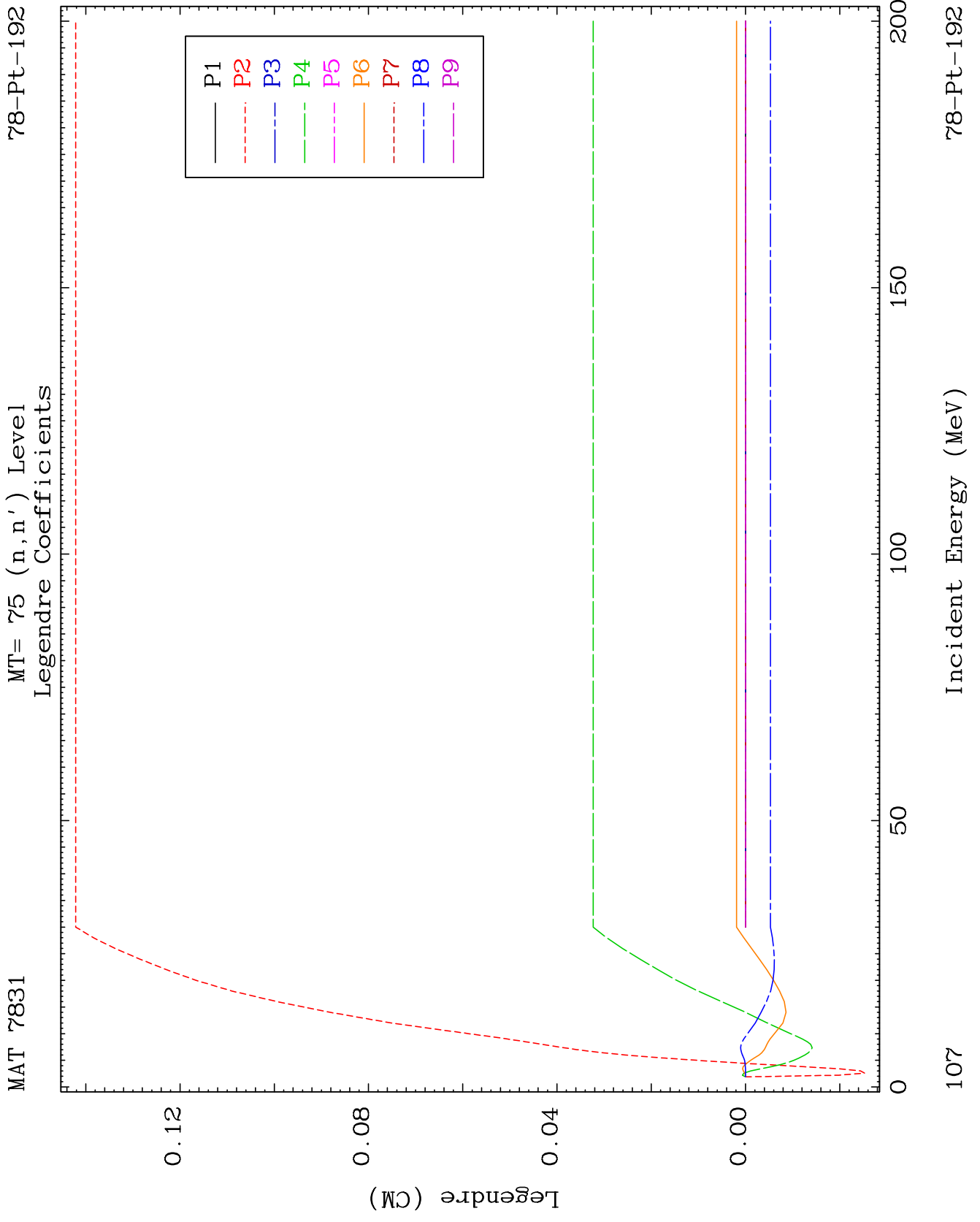
78-Pt-192

MAT 7831

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

78-Pt-192

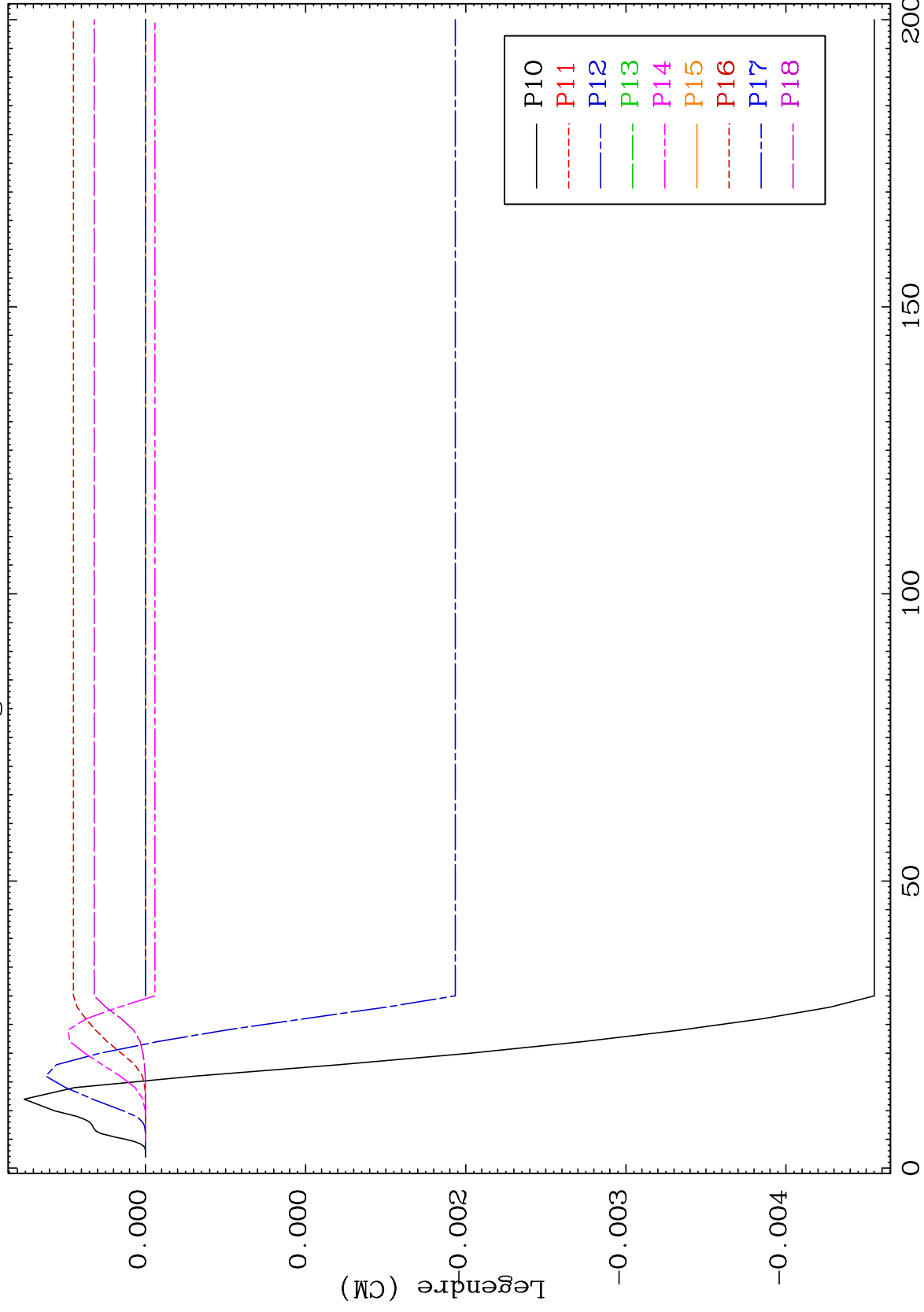




MAT 7831

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

78-Pt-192



108

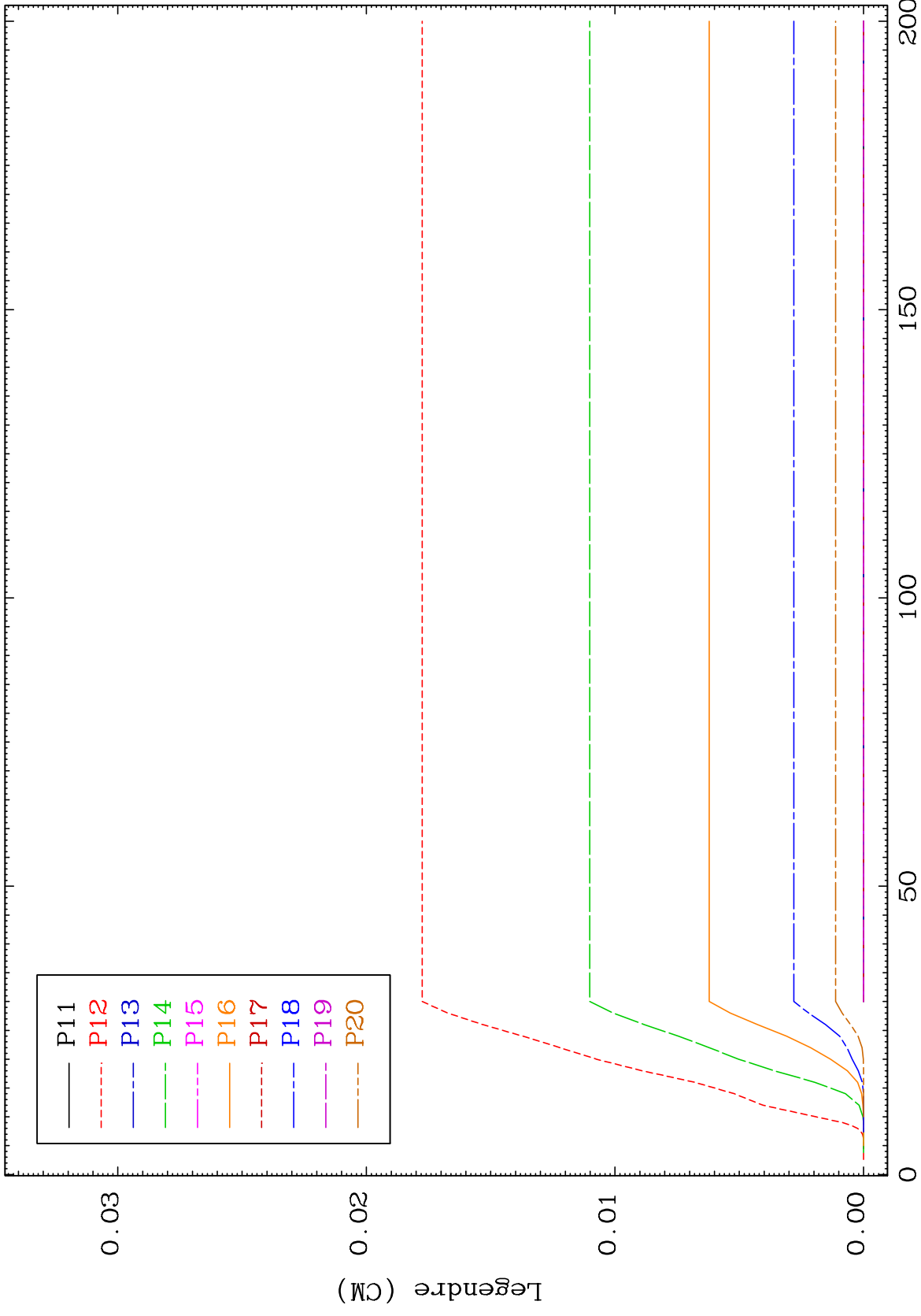
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

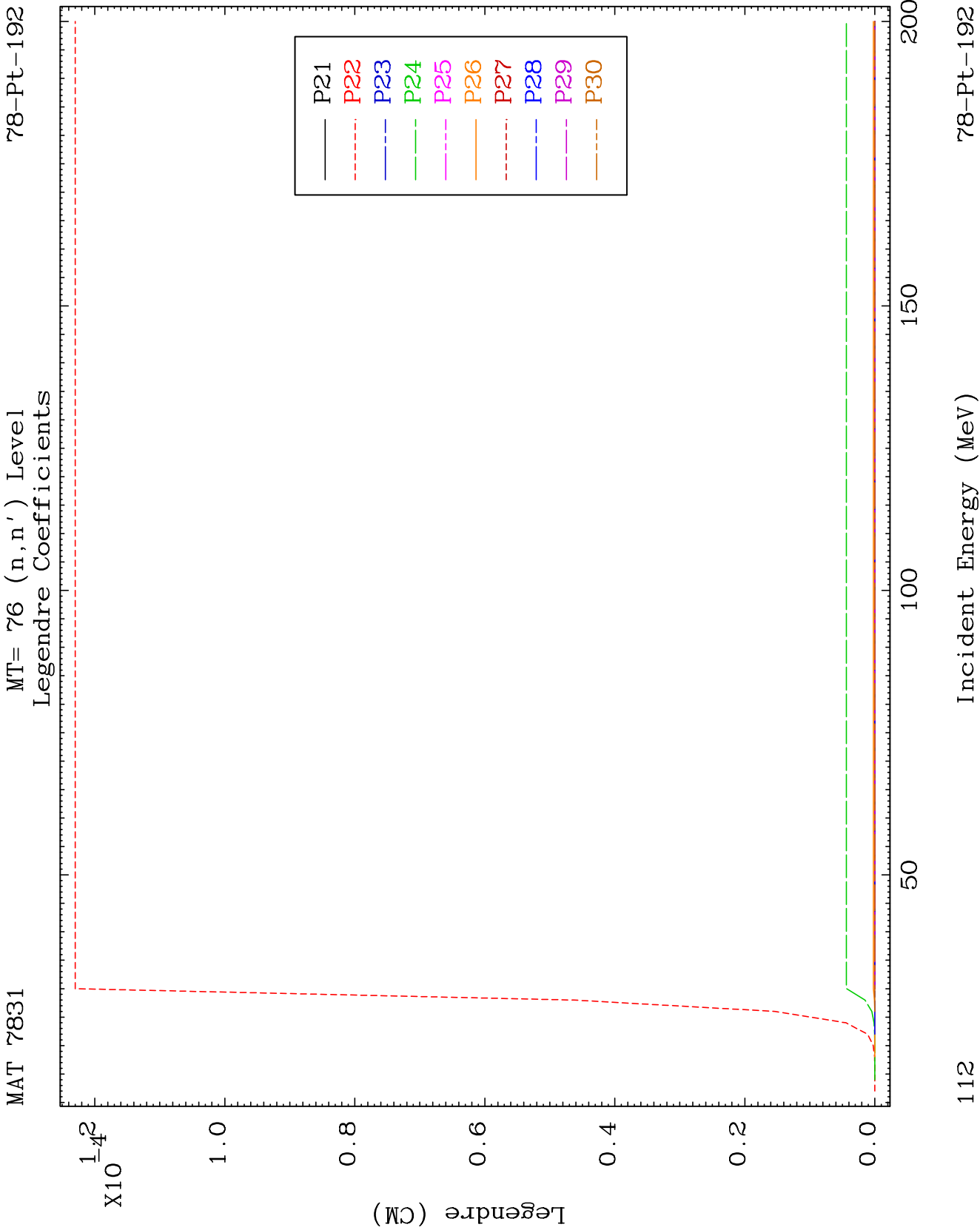
78-Pt-192



111

Incident Energy (MeV)

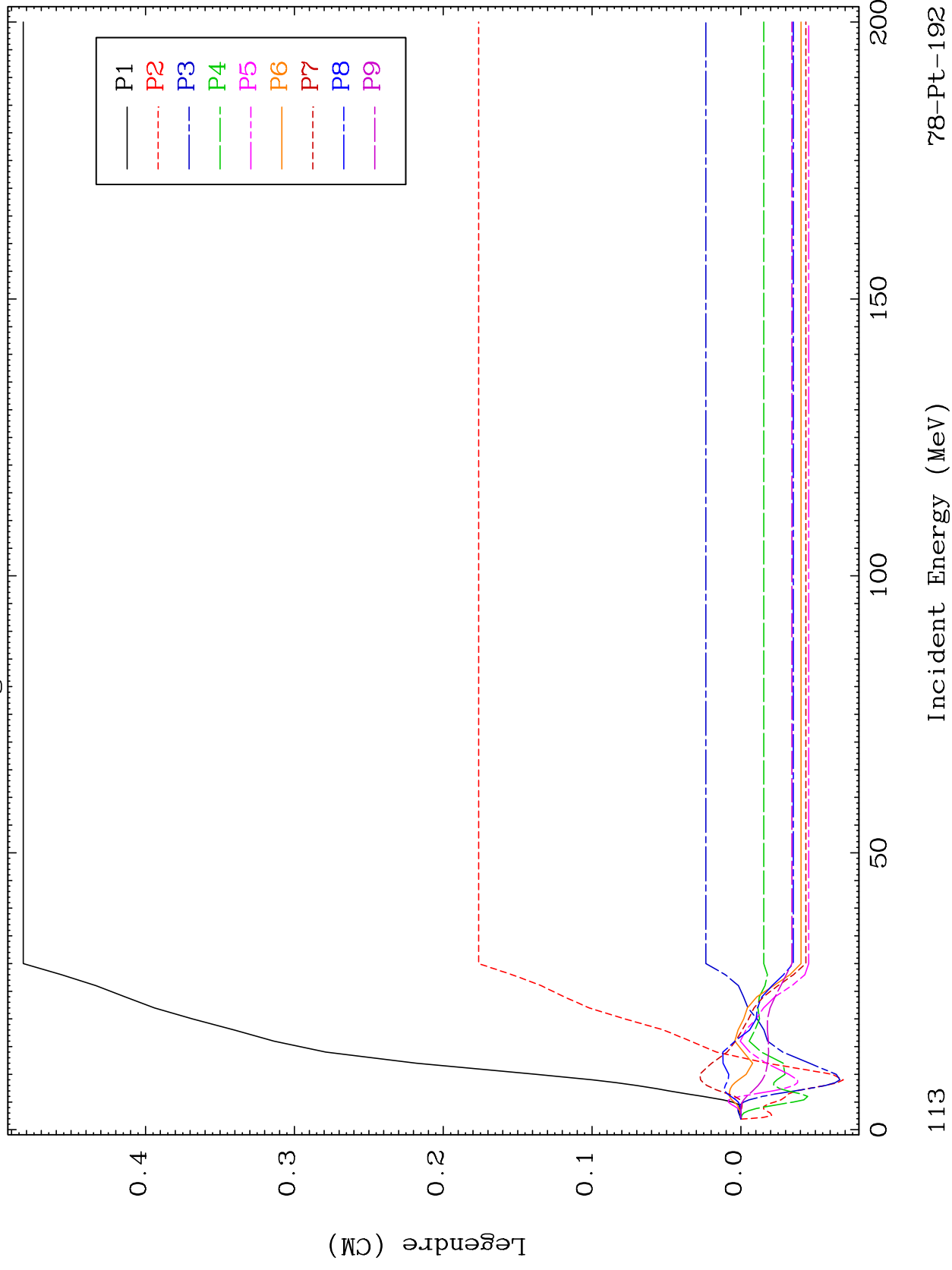
78-Pt-192



MAT 7831

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

78-Pt-192



78-Pt-192

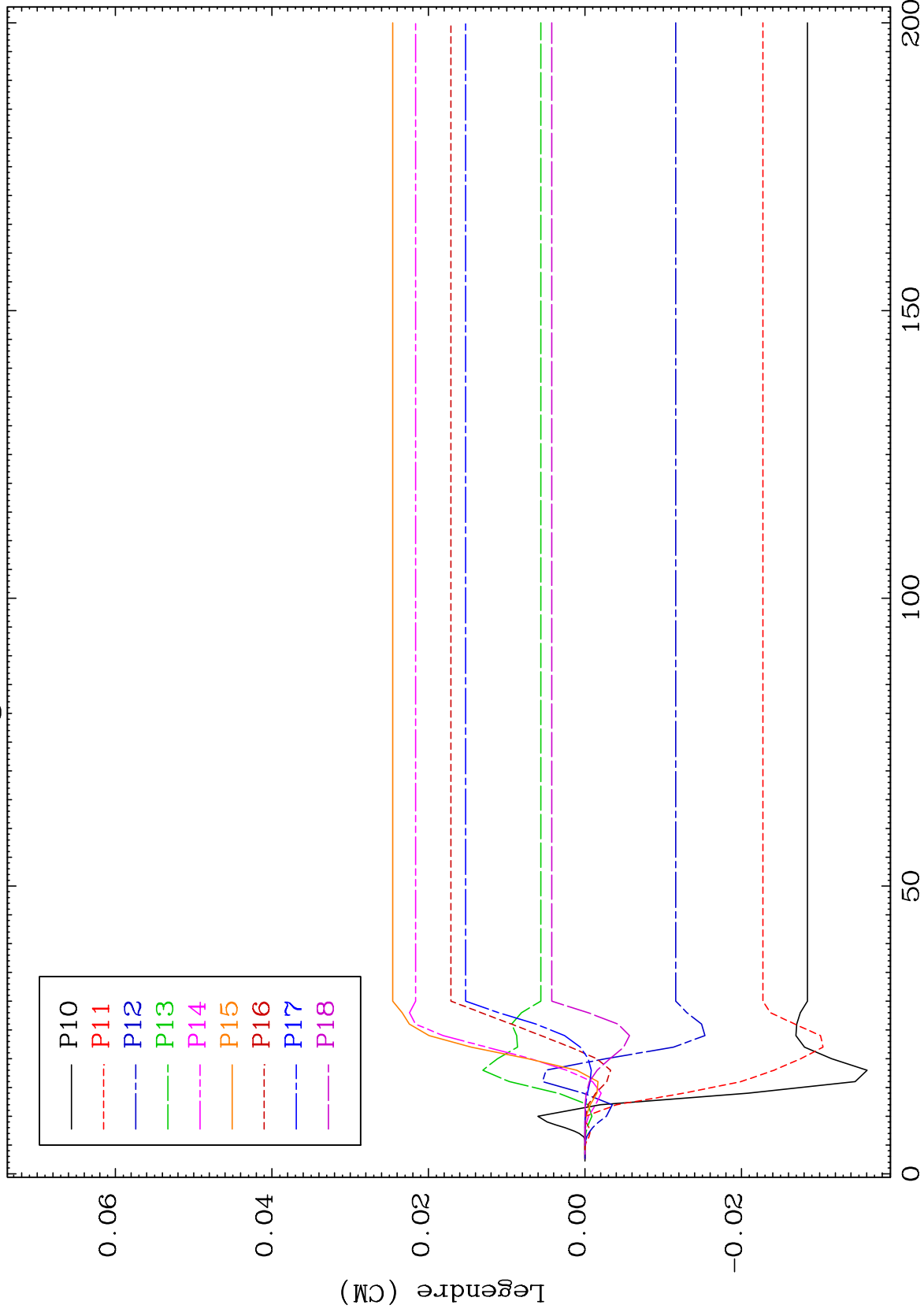
Incident Energy (MeV)

113

MAT 7831

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

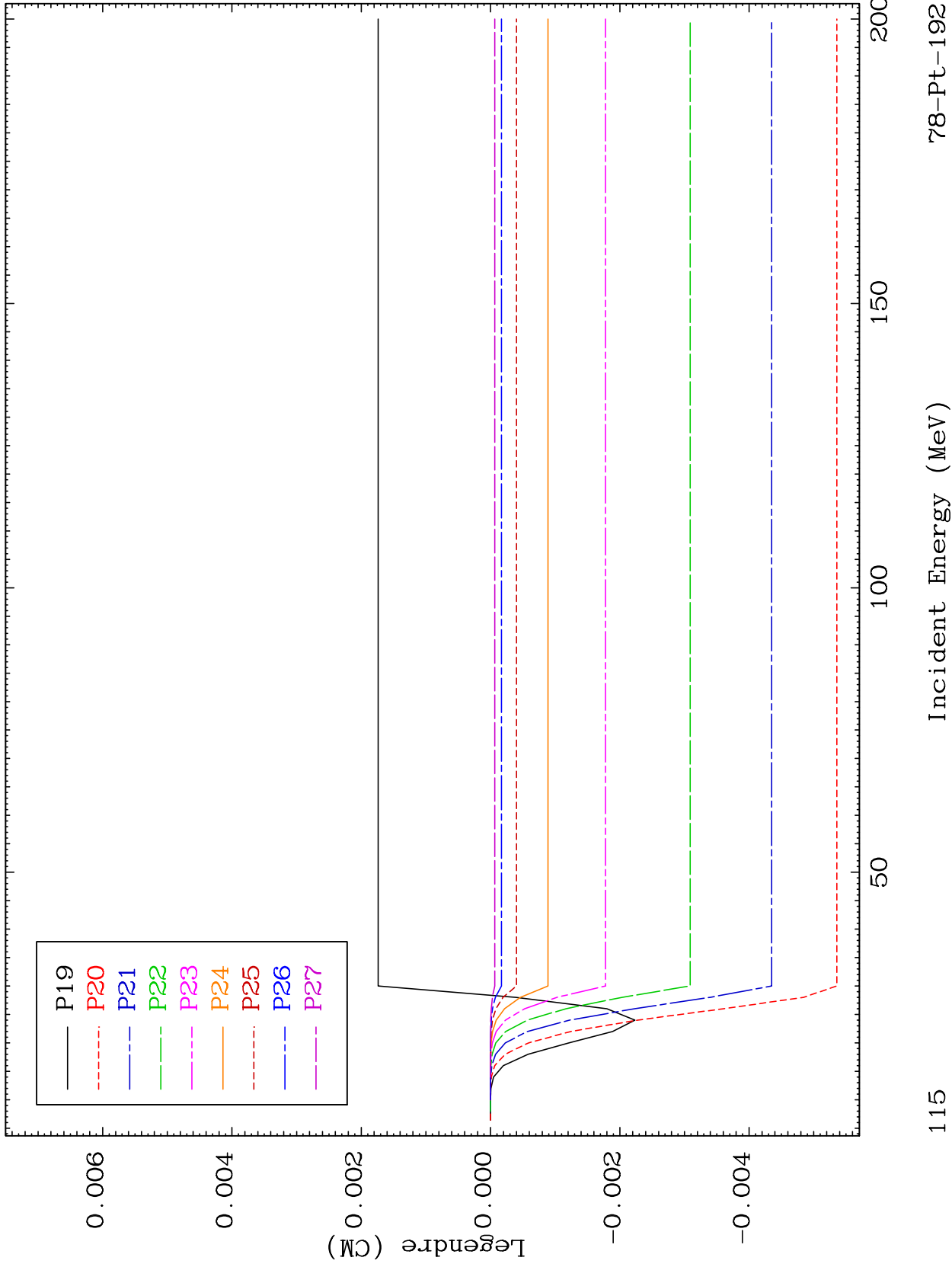
78-Pt-192

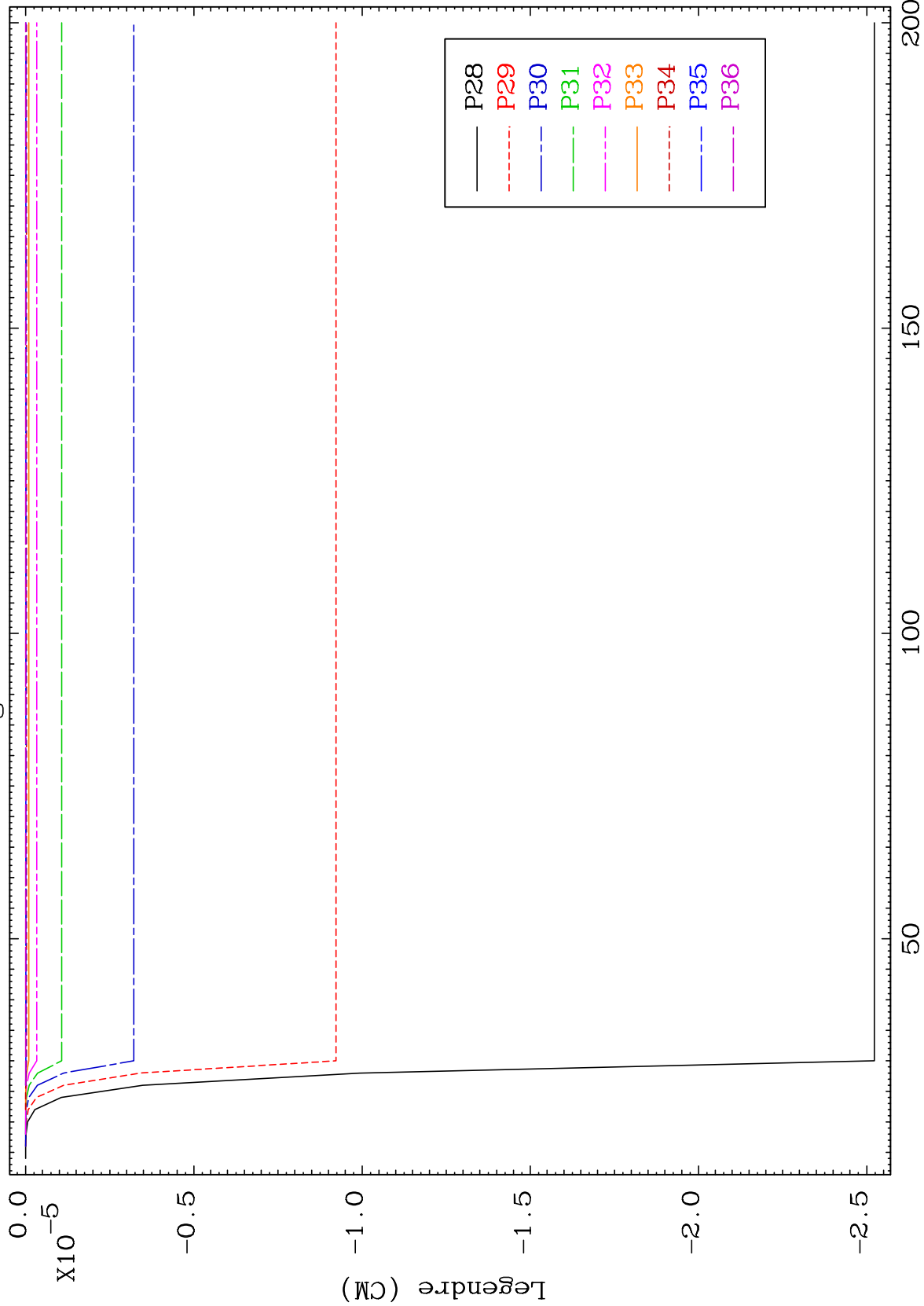


114

Incident Energy (MeV)

78-Pt-192

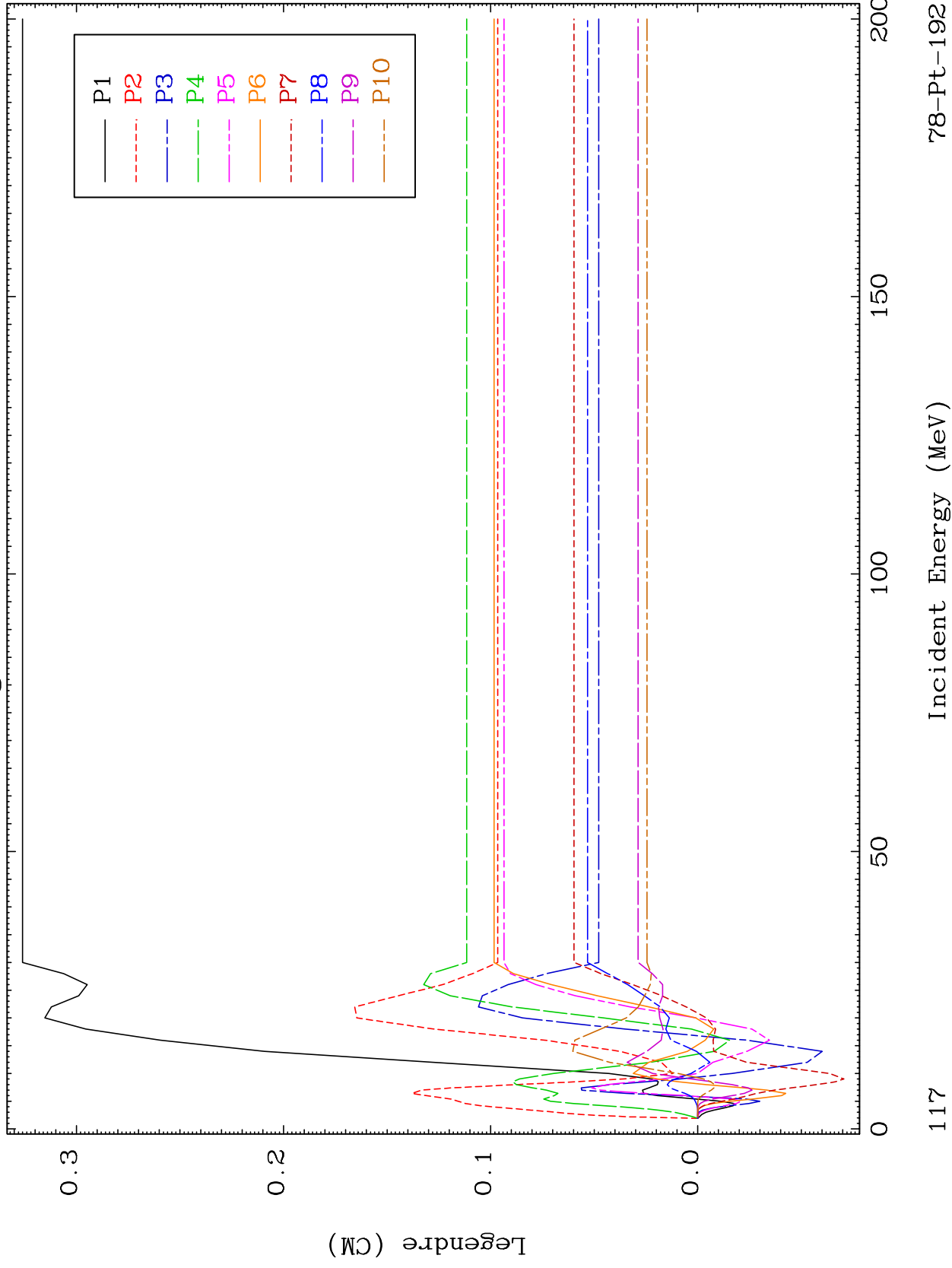




MAT 7831

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

78-Pt-192



117

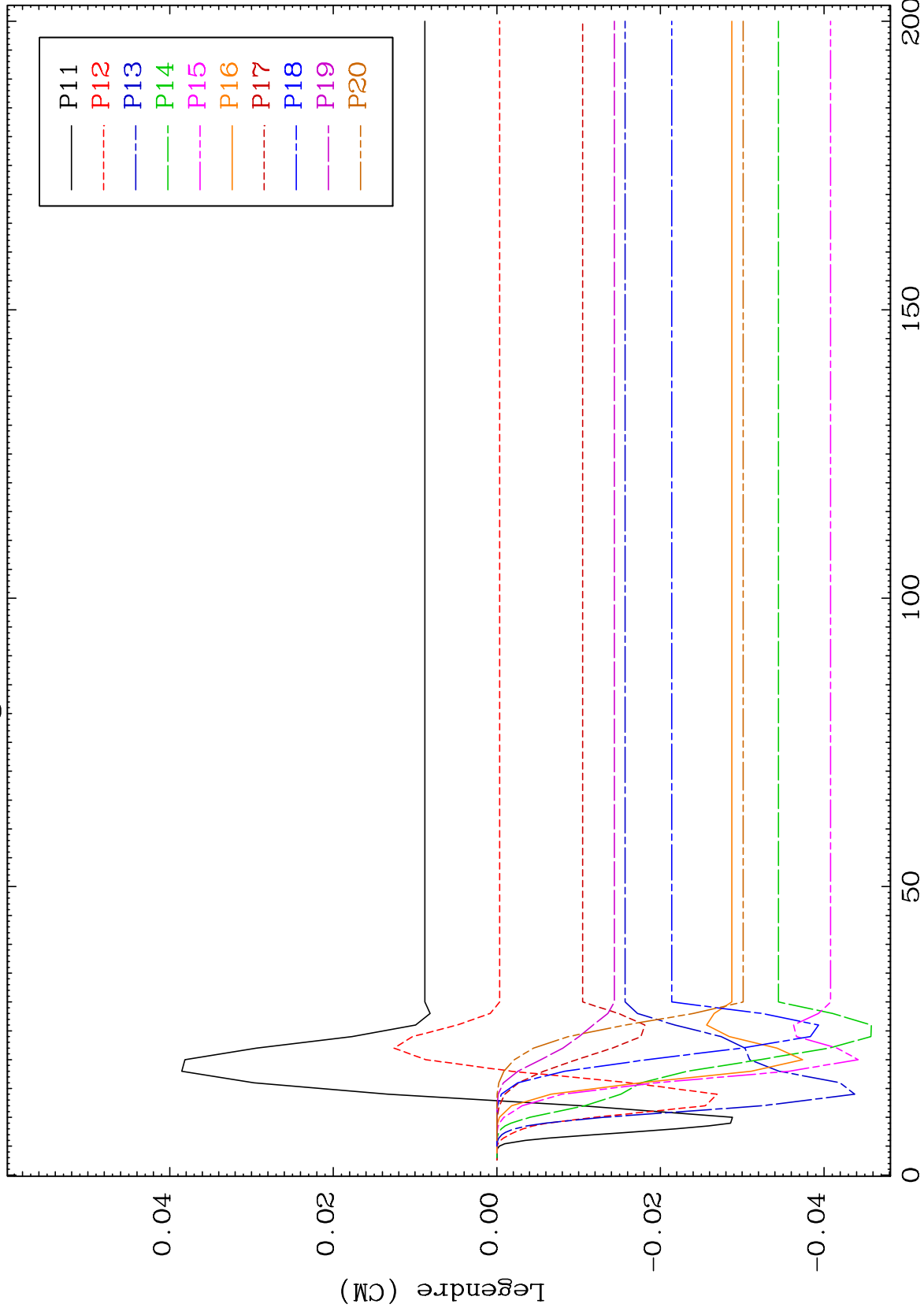
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

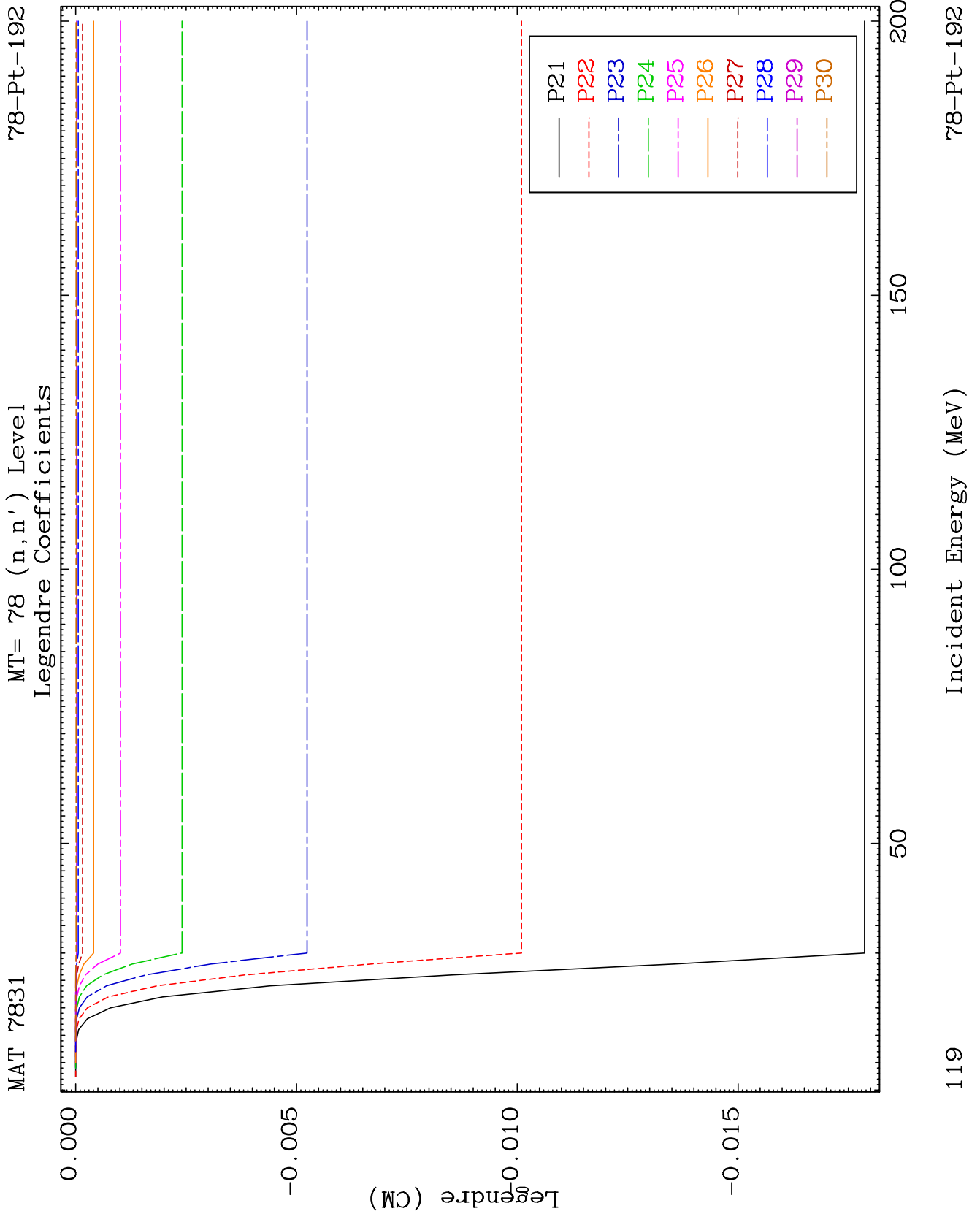
78-Pt-192

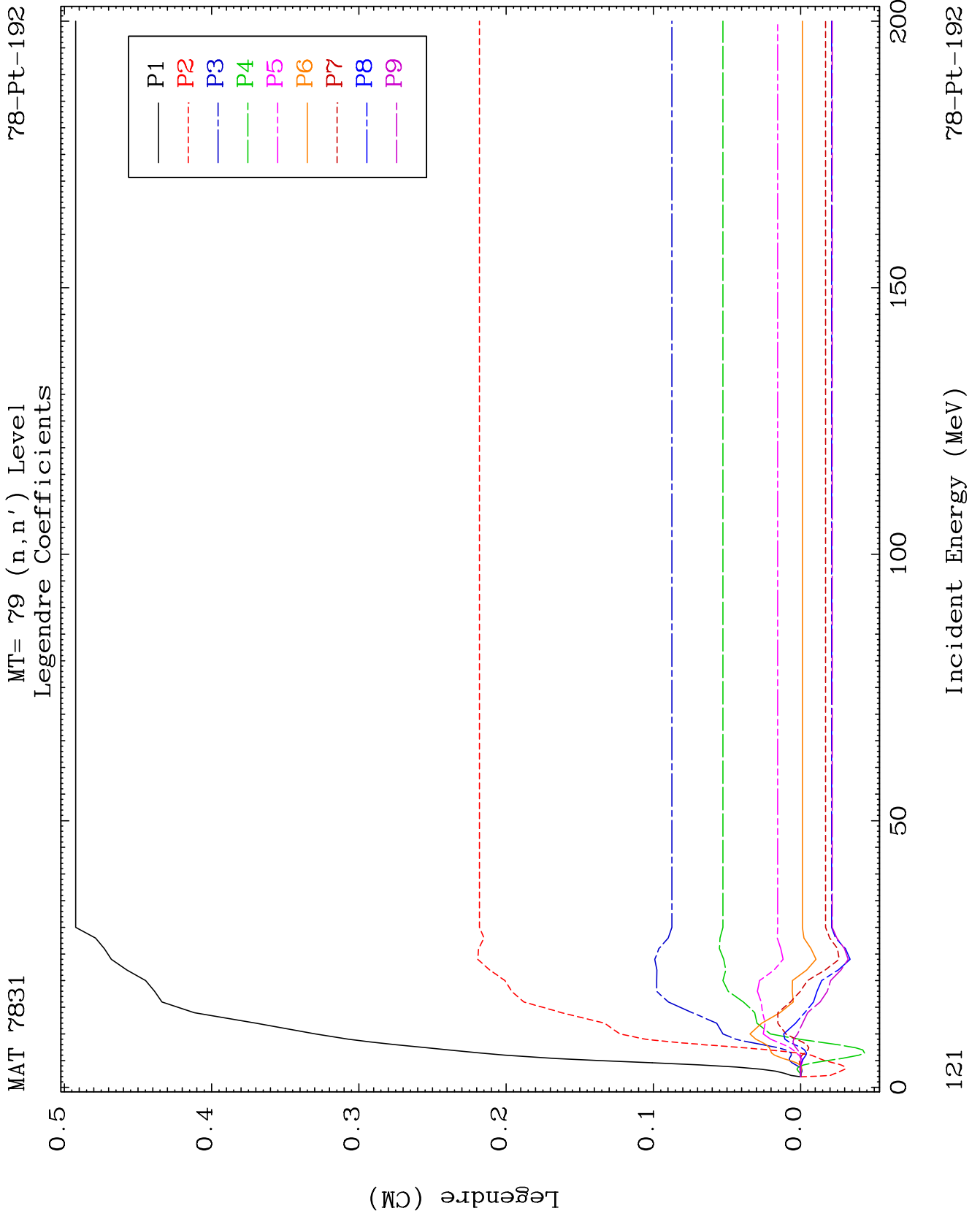


118

Incident Energy (MeV)

78-Pt-192

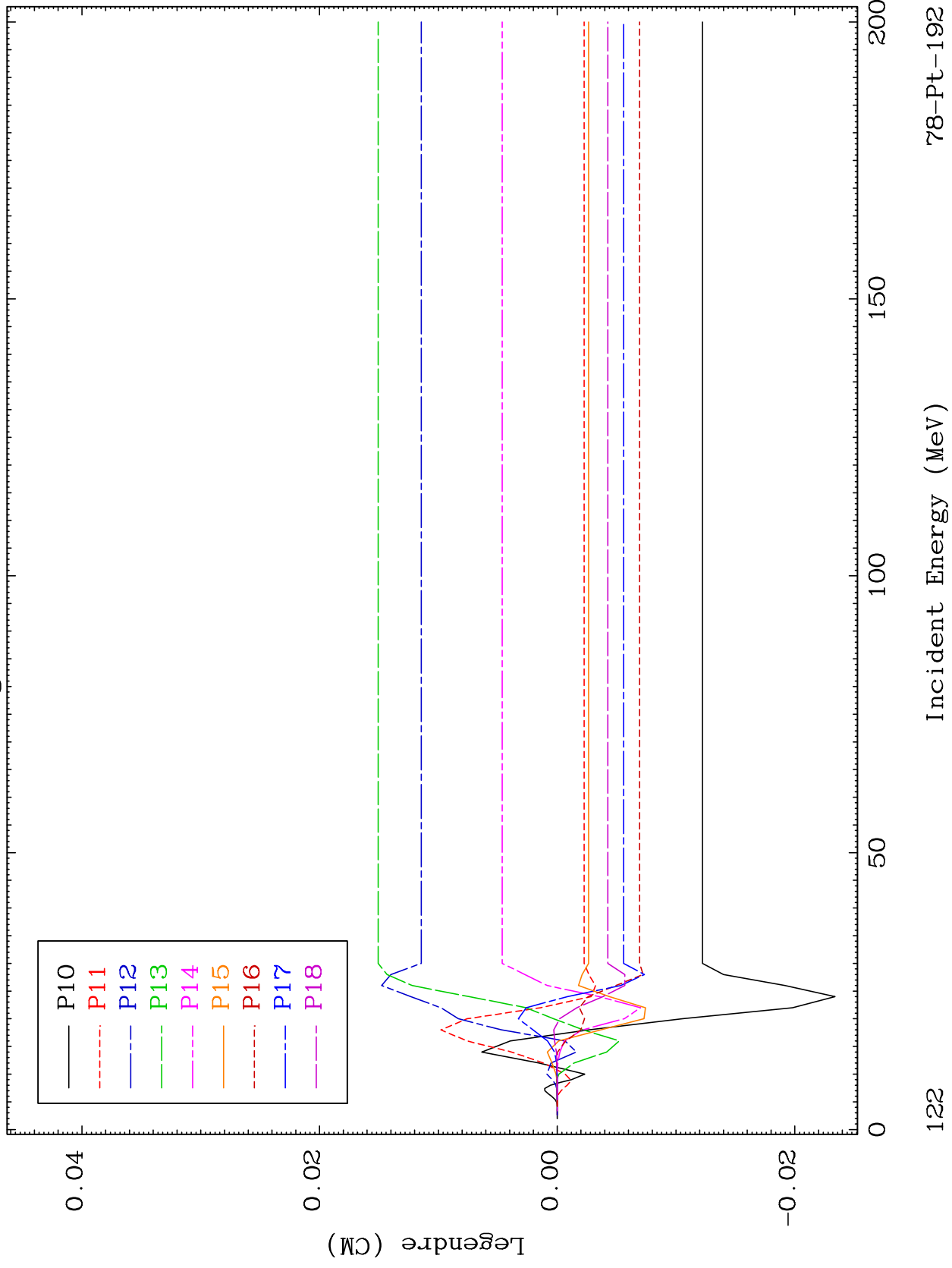




MAT 7831

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

78-Pt-192



122

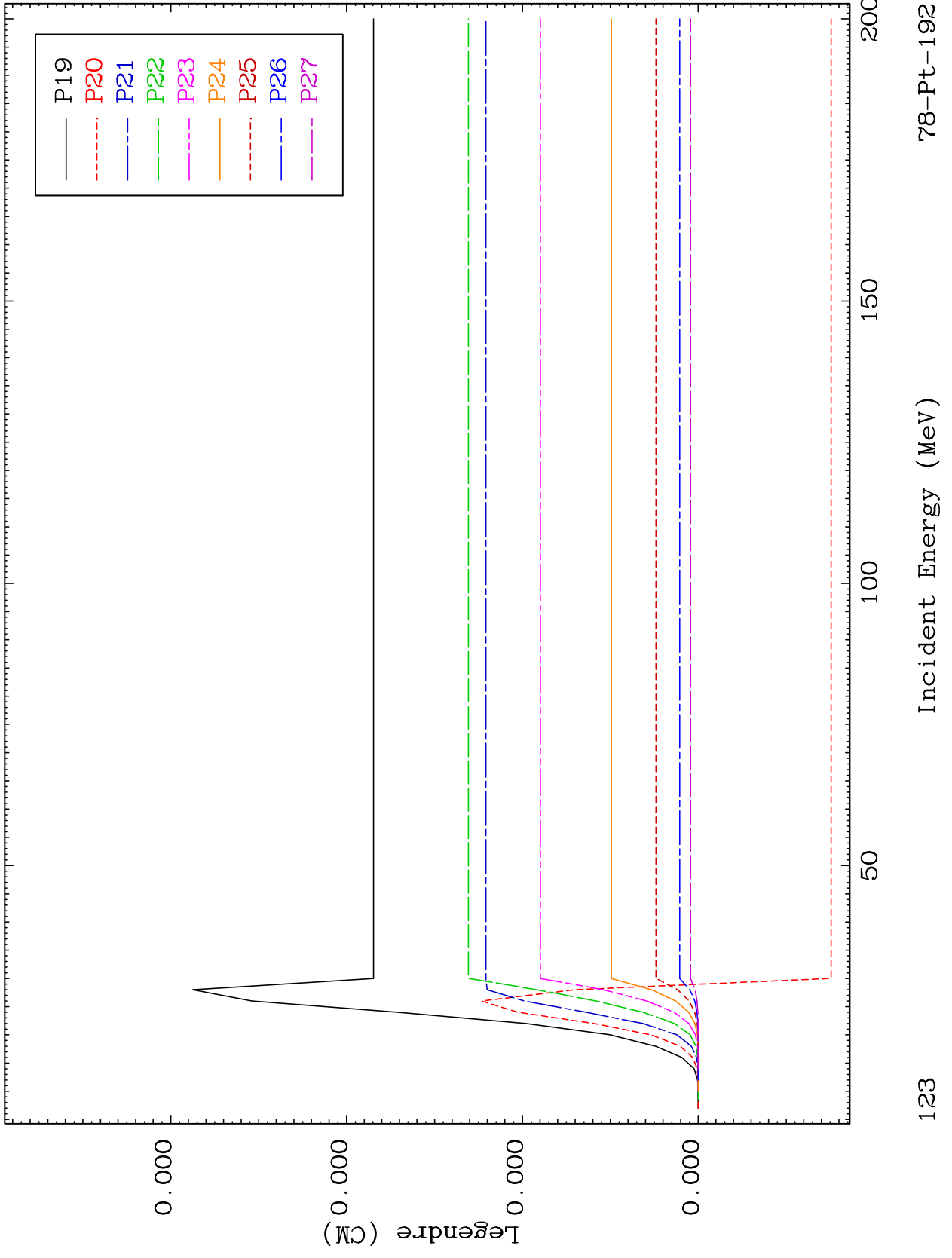
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

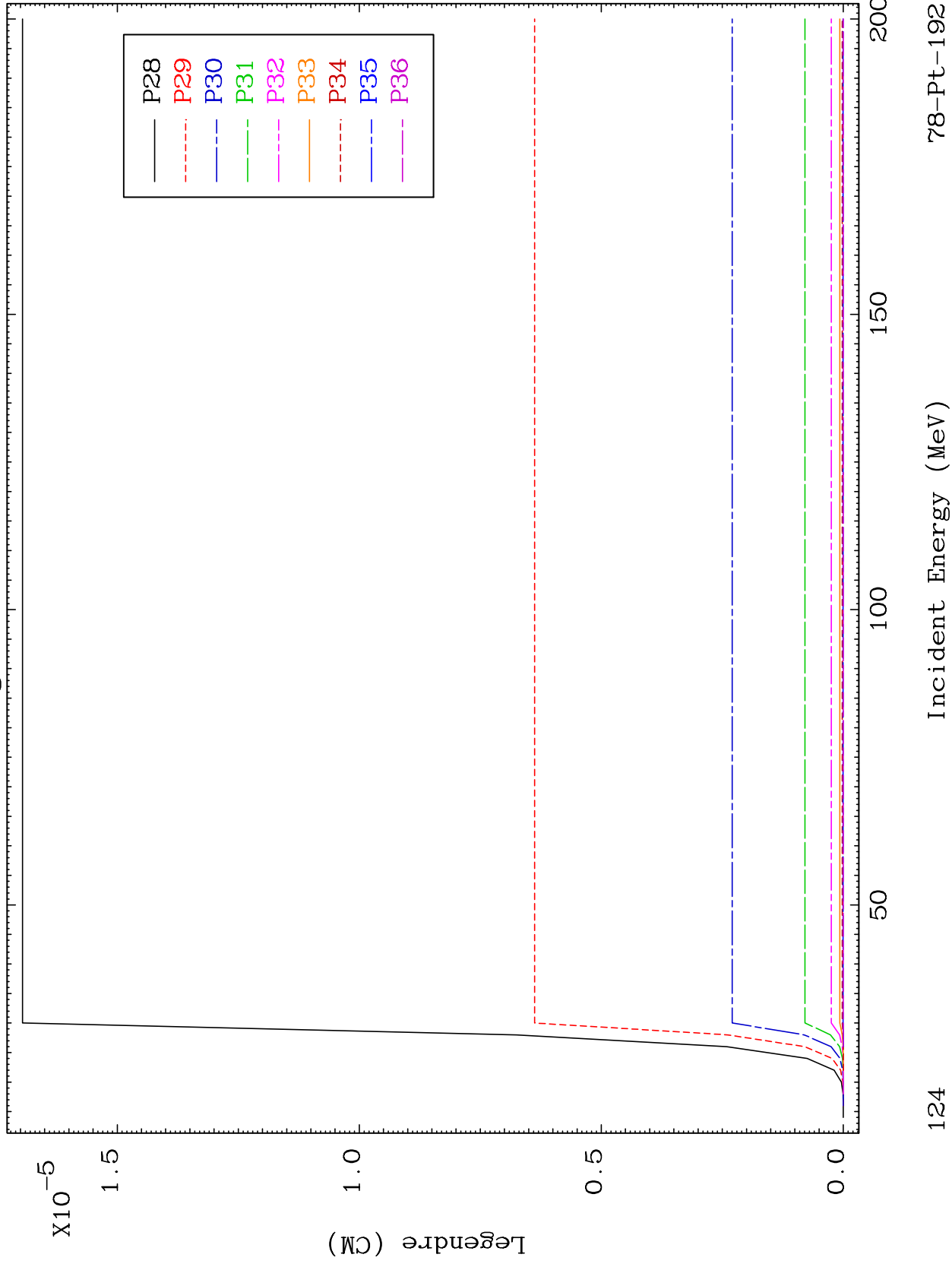
78-Pt-192



MAT 7831

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

78-Pt-192



124

Incident Energy (MeV)

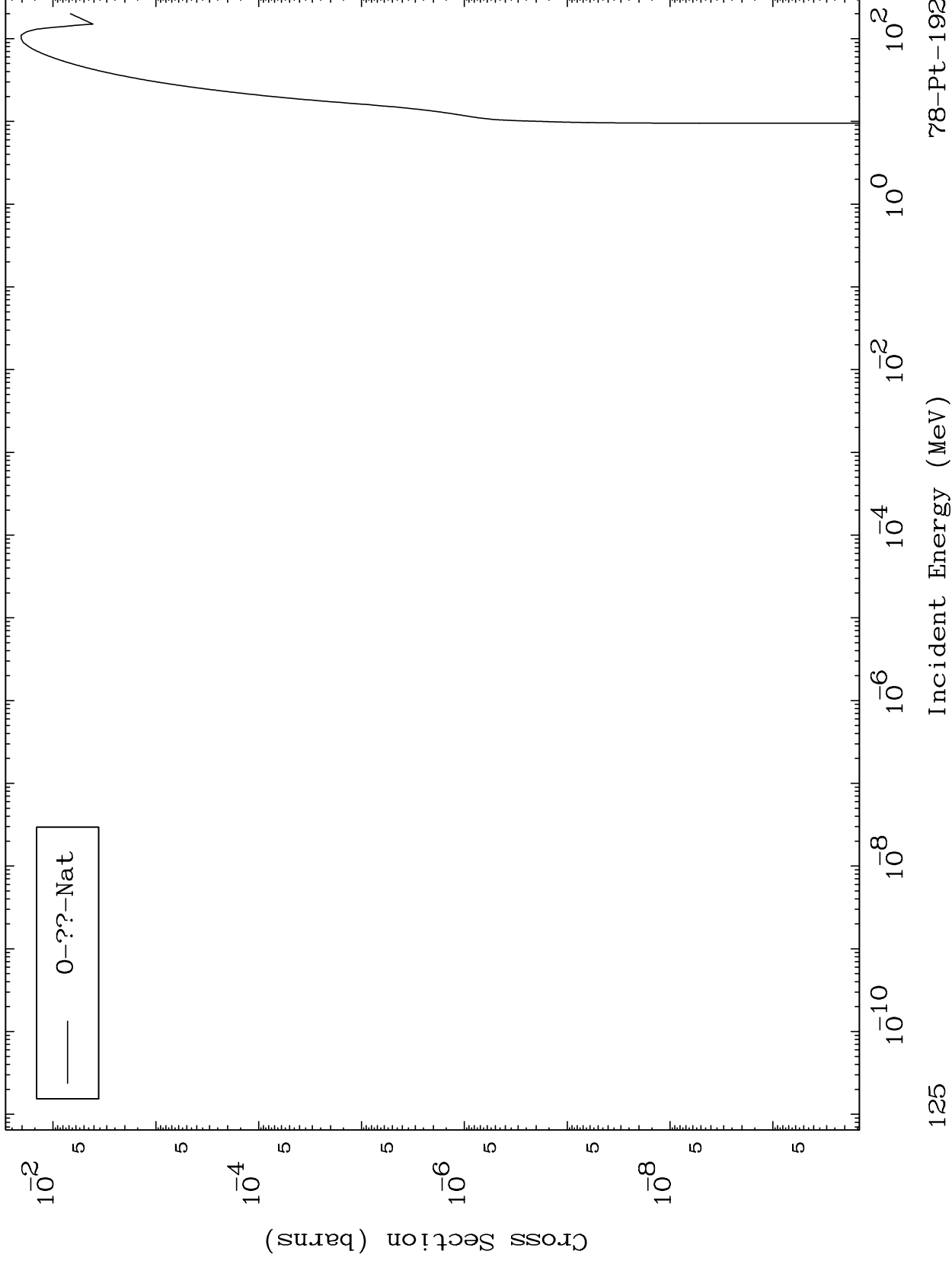
78-Pt-192

MAT 7831

Fission

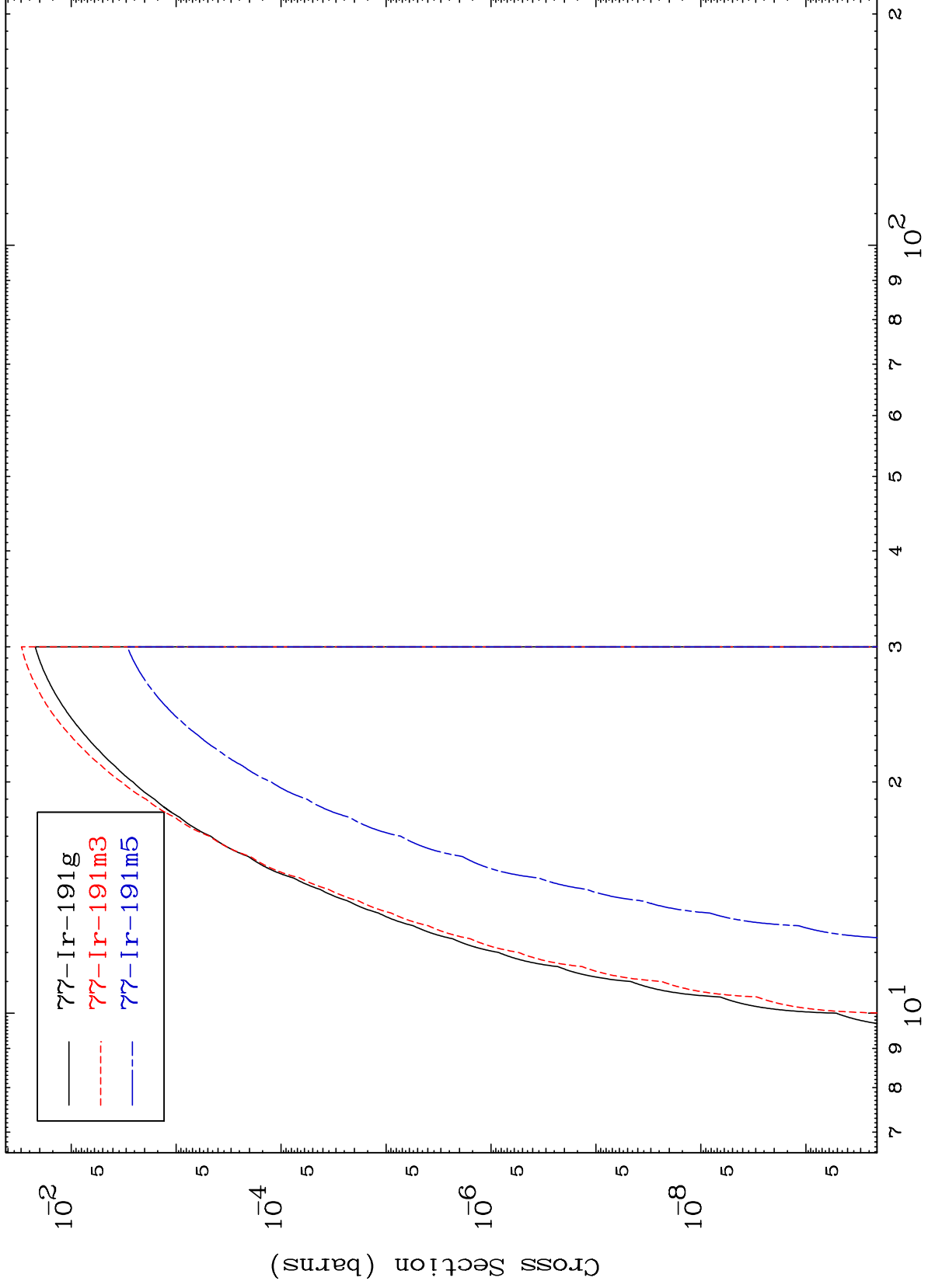
78-Pt-192

Radionuclide Production Cross Section

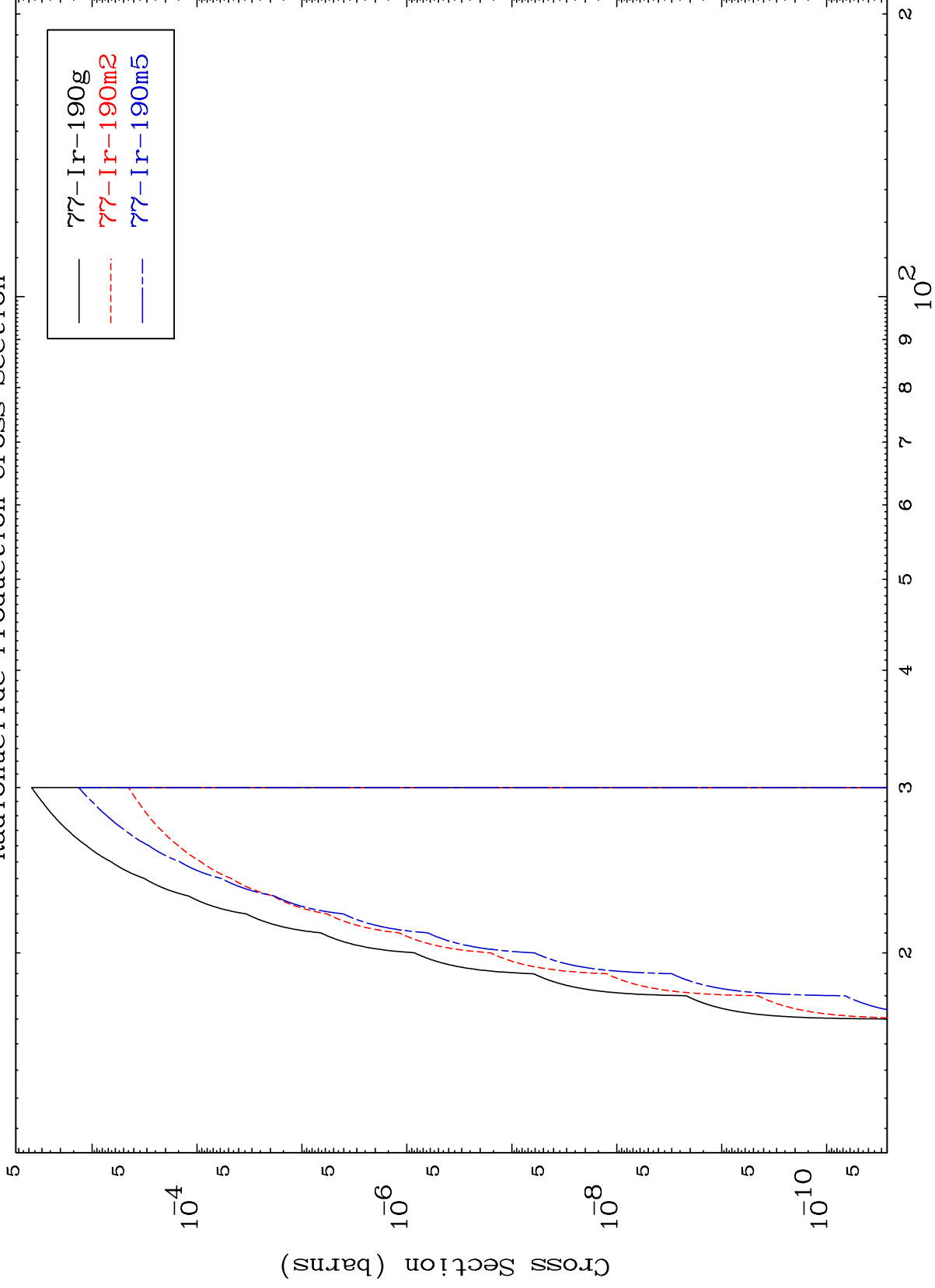


125

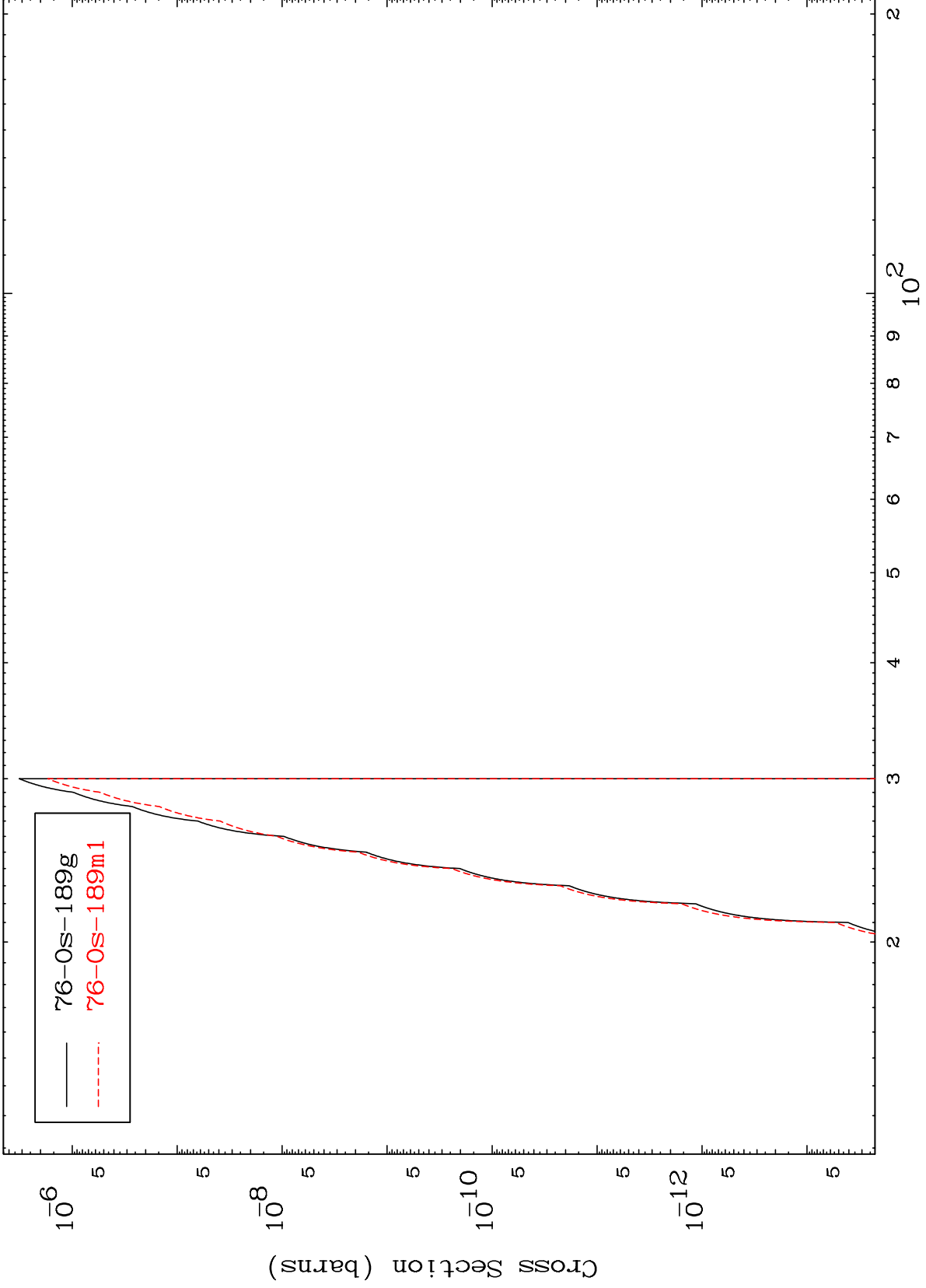
Radionuclide Production Cross Section

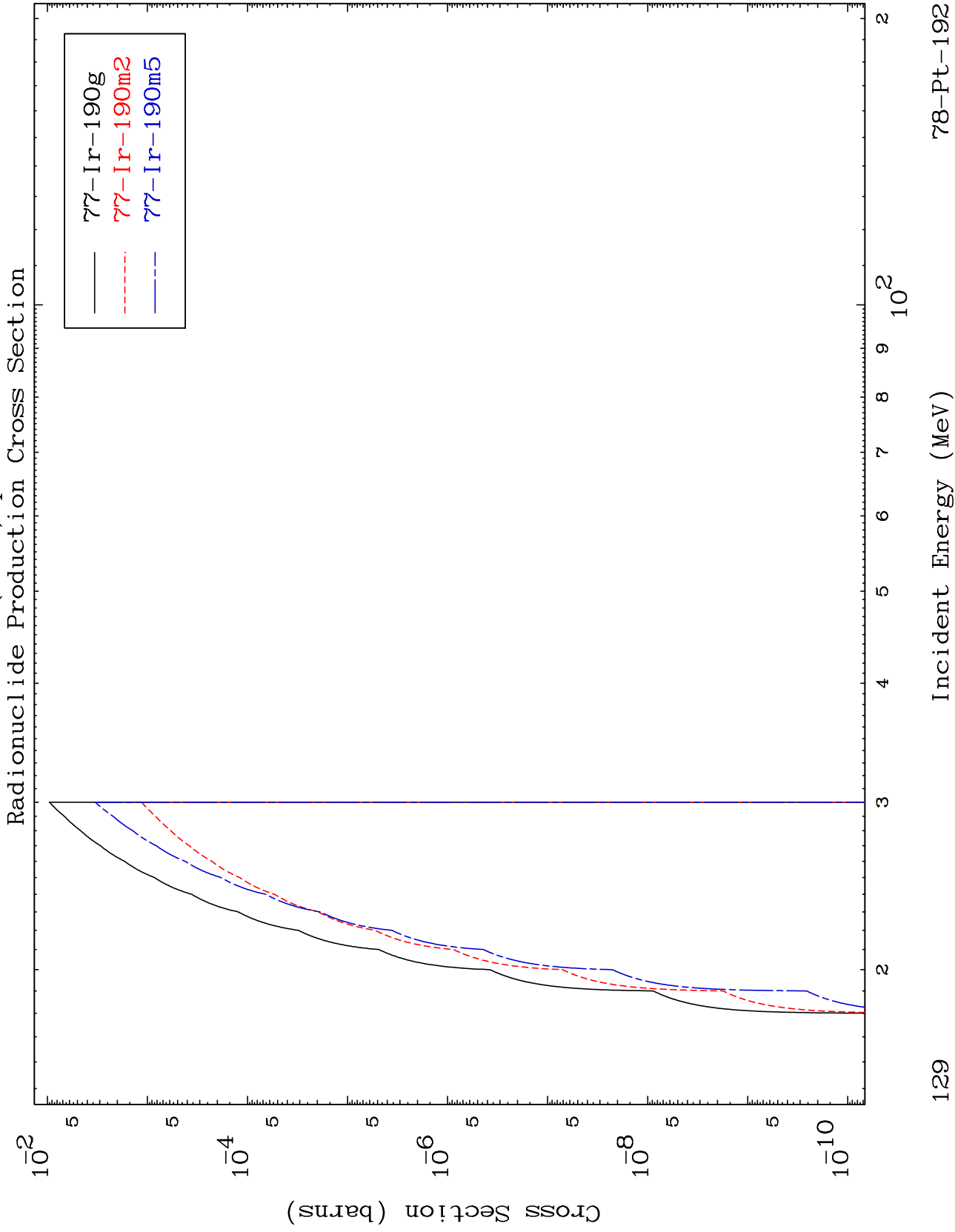


Radionuclide Production Cross Section



Radionuclide Production Cross Section



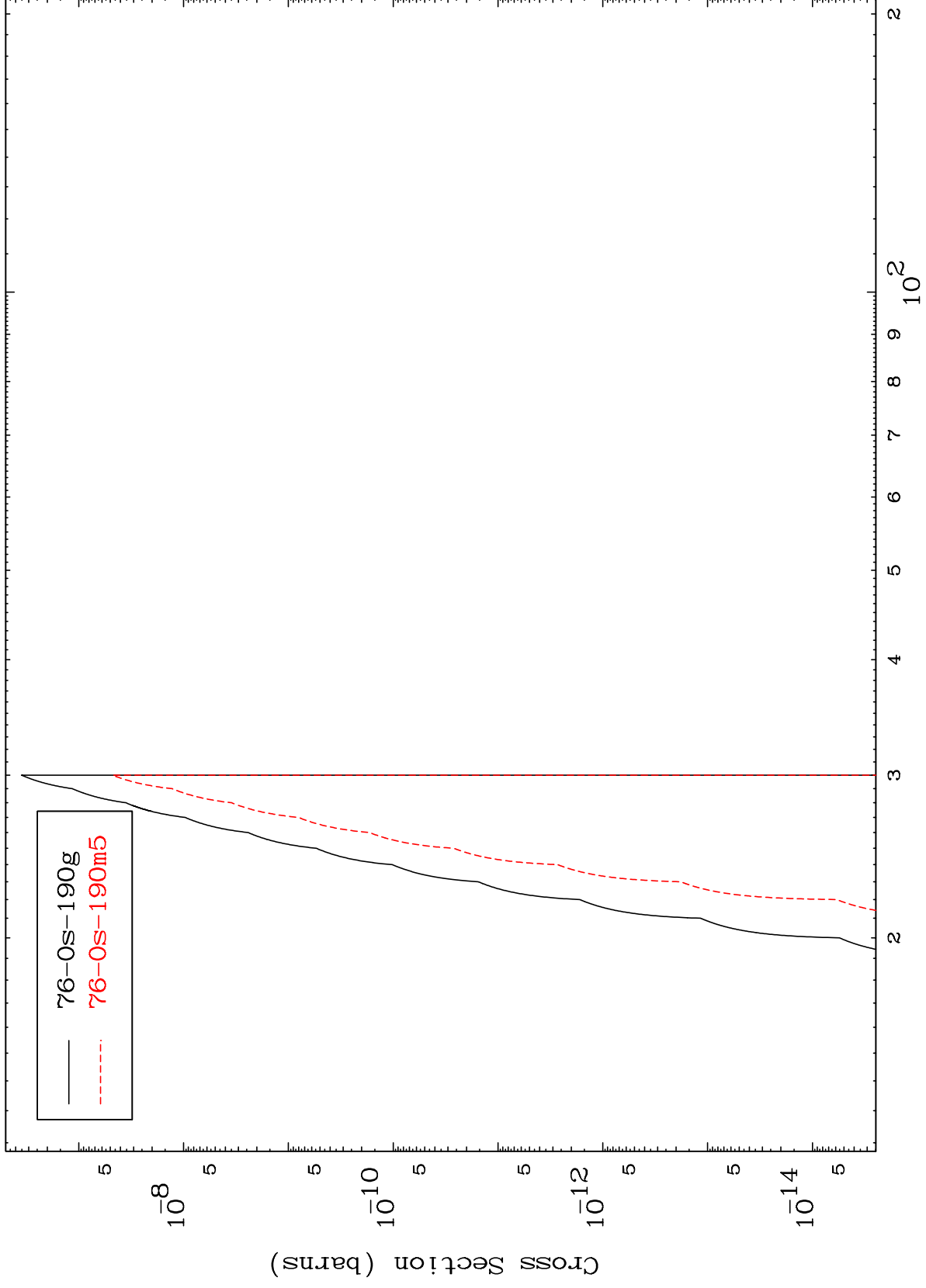


MAT 7831

(n,2n) p

78-Pt-192

Radionuclide Production Cross Section



130

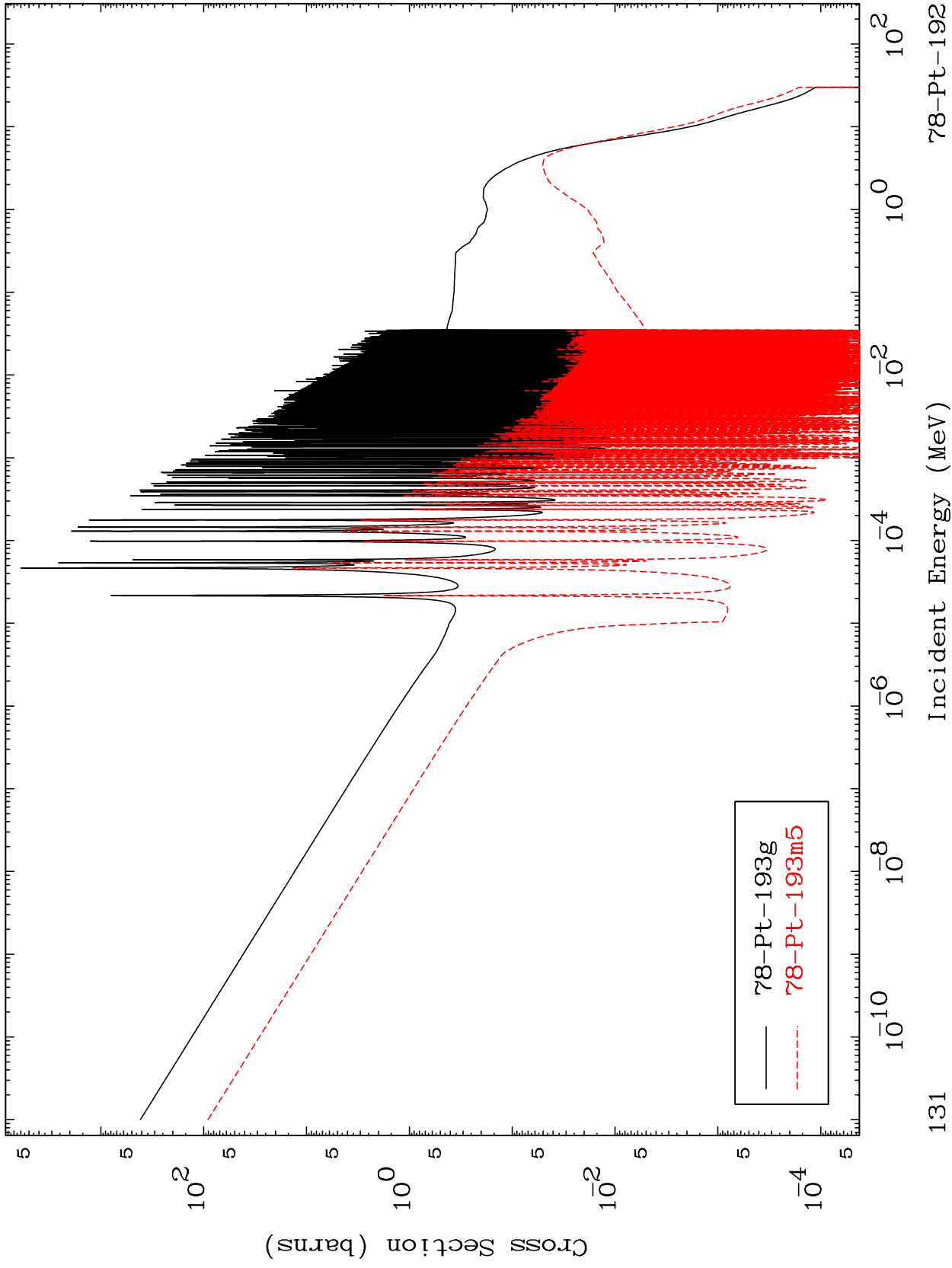
Incident Energy (MeV)

78-Pt-192

MAT 7831

78-Pt-192

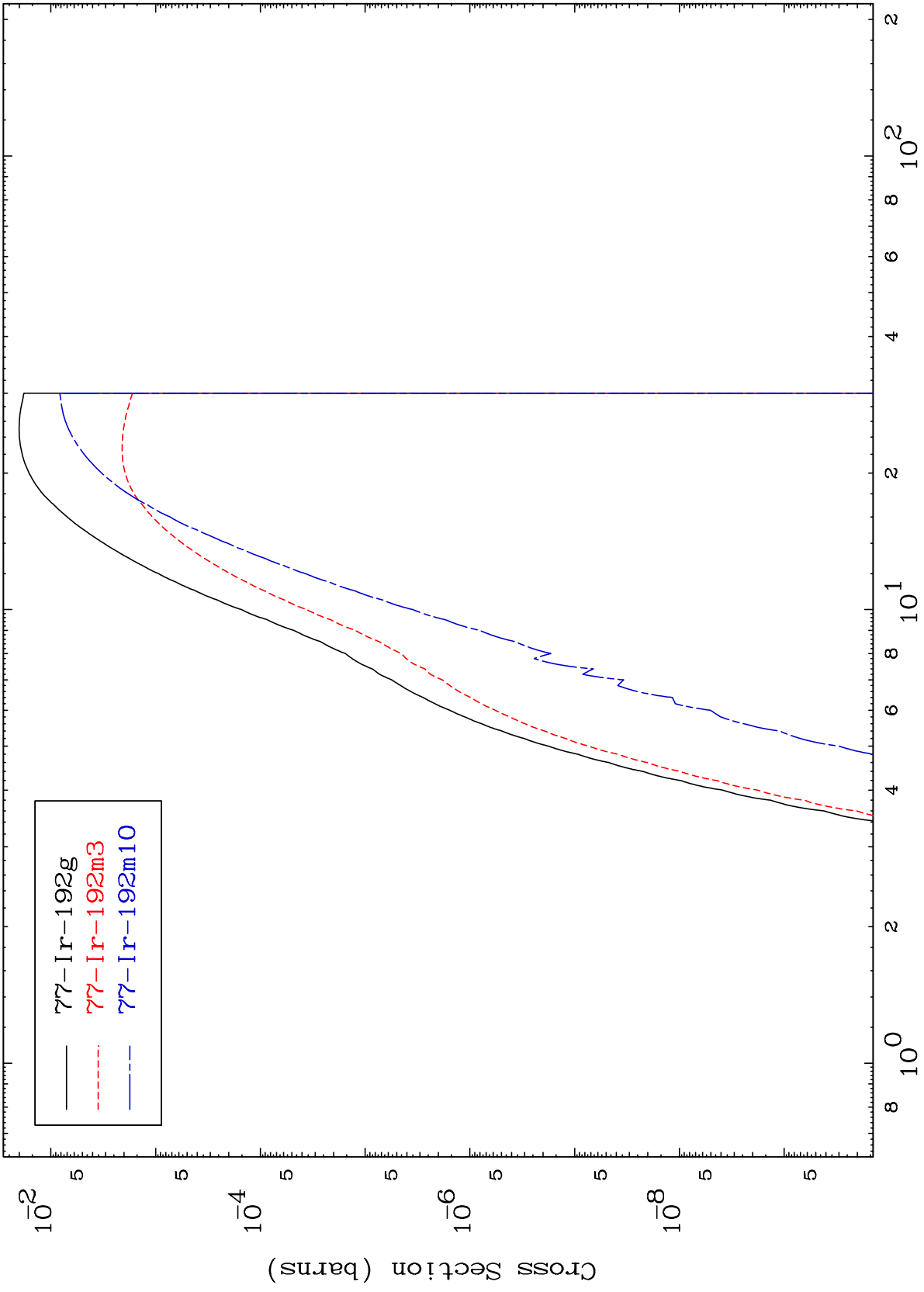
(n, γ)
Radionuclide Production Cross Section



MAT 7831

78-Pt-192

(n,p)
Radionuclide Production Cross Section



132

Incident Energy (MeV)

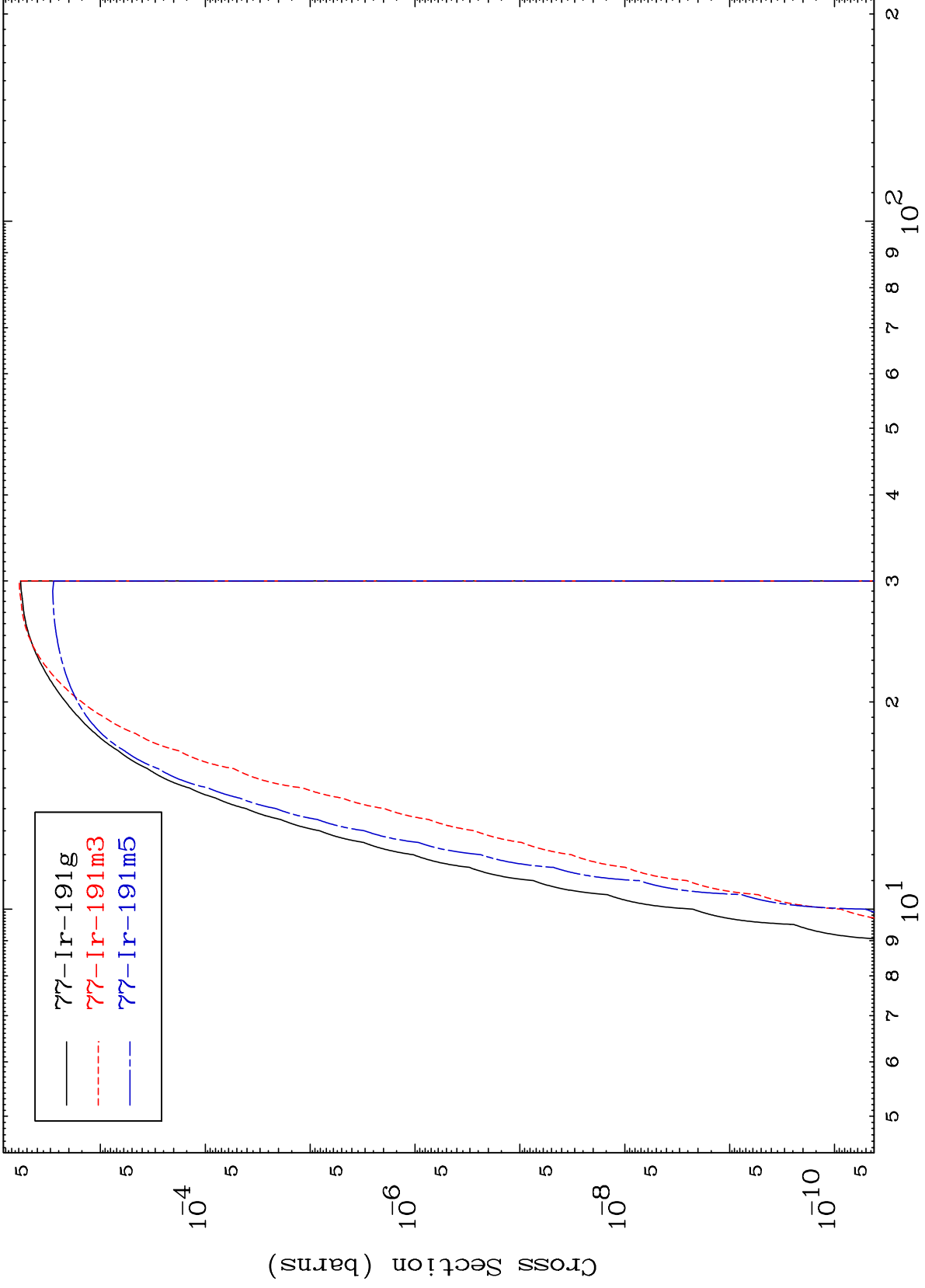
78-Pt-192

MAT 7831

(n,d)

78-Pt-192

Radionuclide Production Cross Section



133

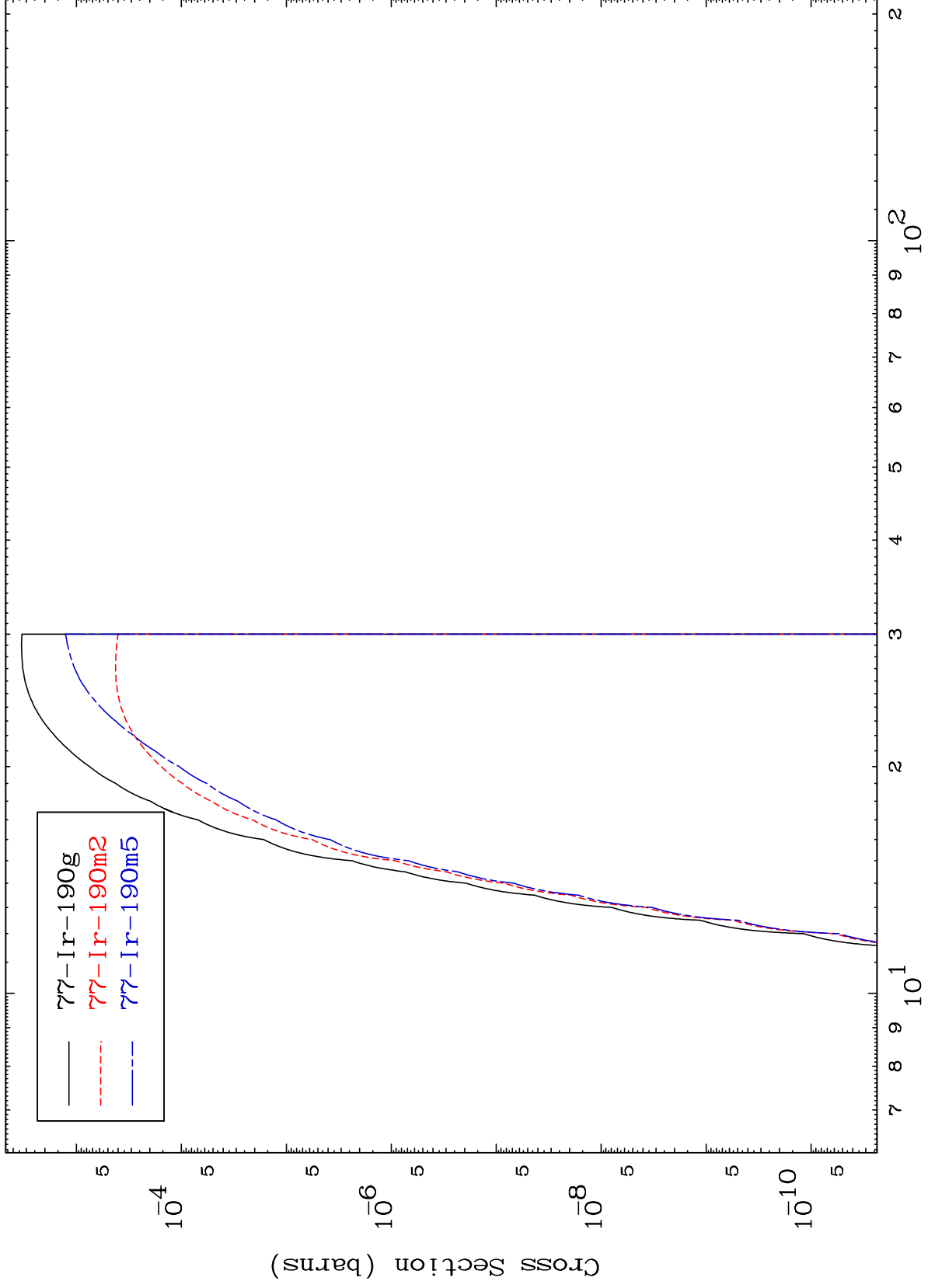
Incident Energy (MeV)

78-Pt-192

MAT 7831

78-Pt-192

(n,t)
Radionuclide Production Cross Section



134

Incident Energy (MeV)

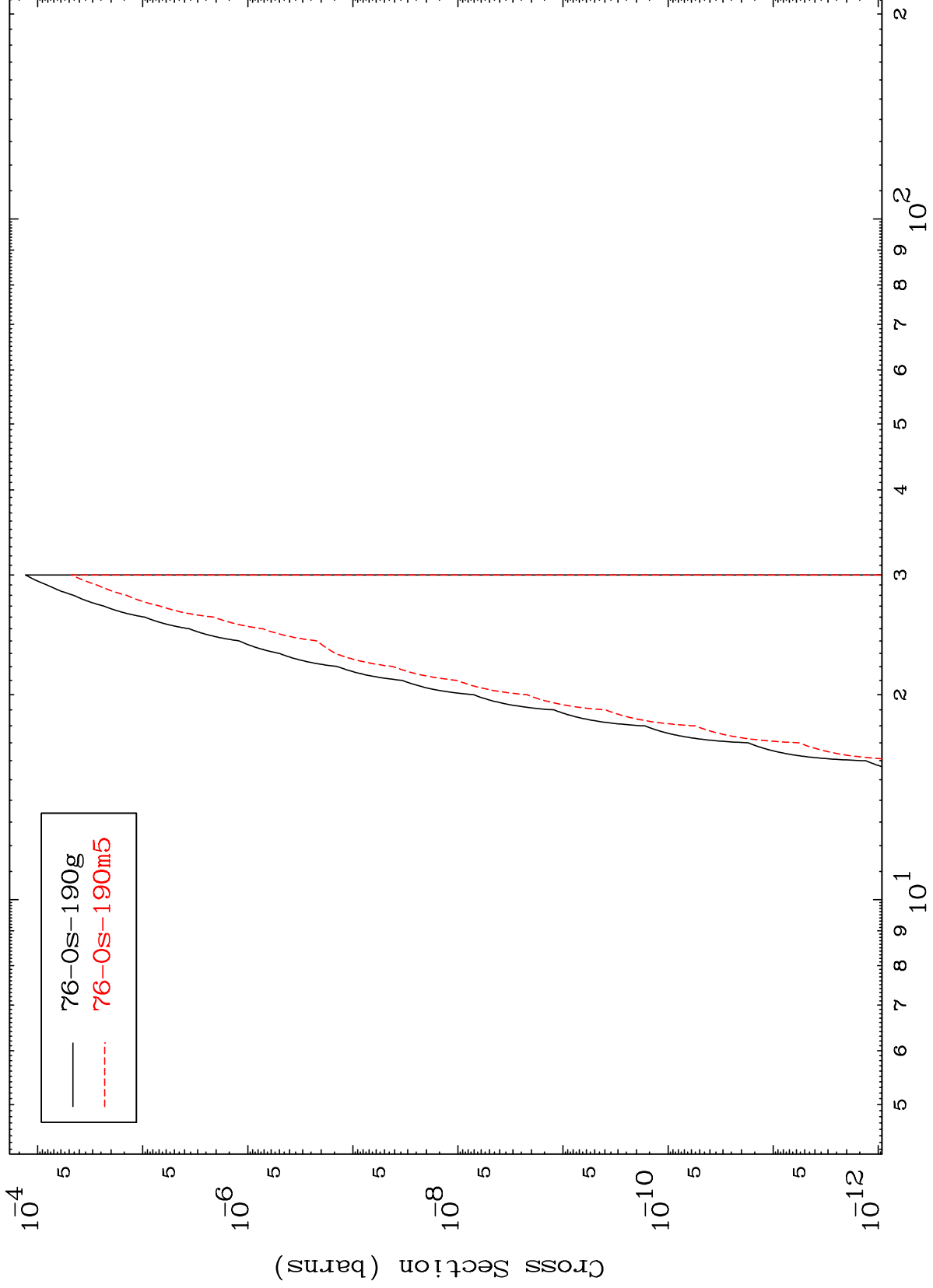
78-Pt-192

MAT 7831

(n,He-3)

78-Pt-192

Radionuclide Production Cross Section



135

Incident Energy (MeV)

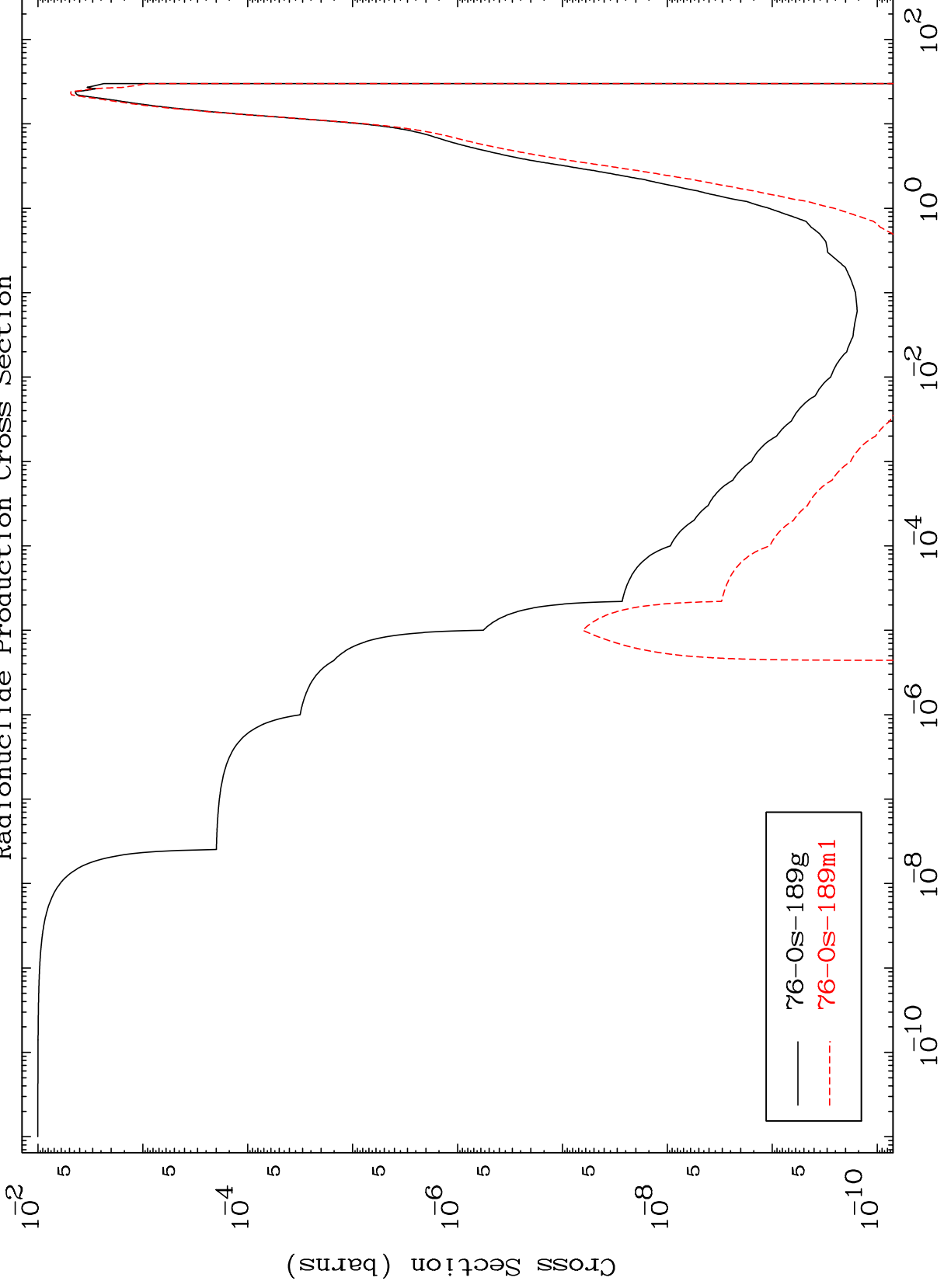
78-Pt-192

MAT 7831

(n, α)

78-Pt-192

Radionuclide Production Cross Section



136

Incident Energy (MeV)

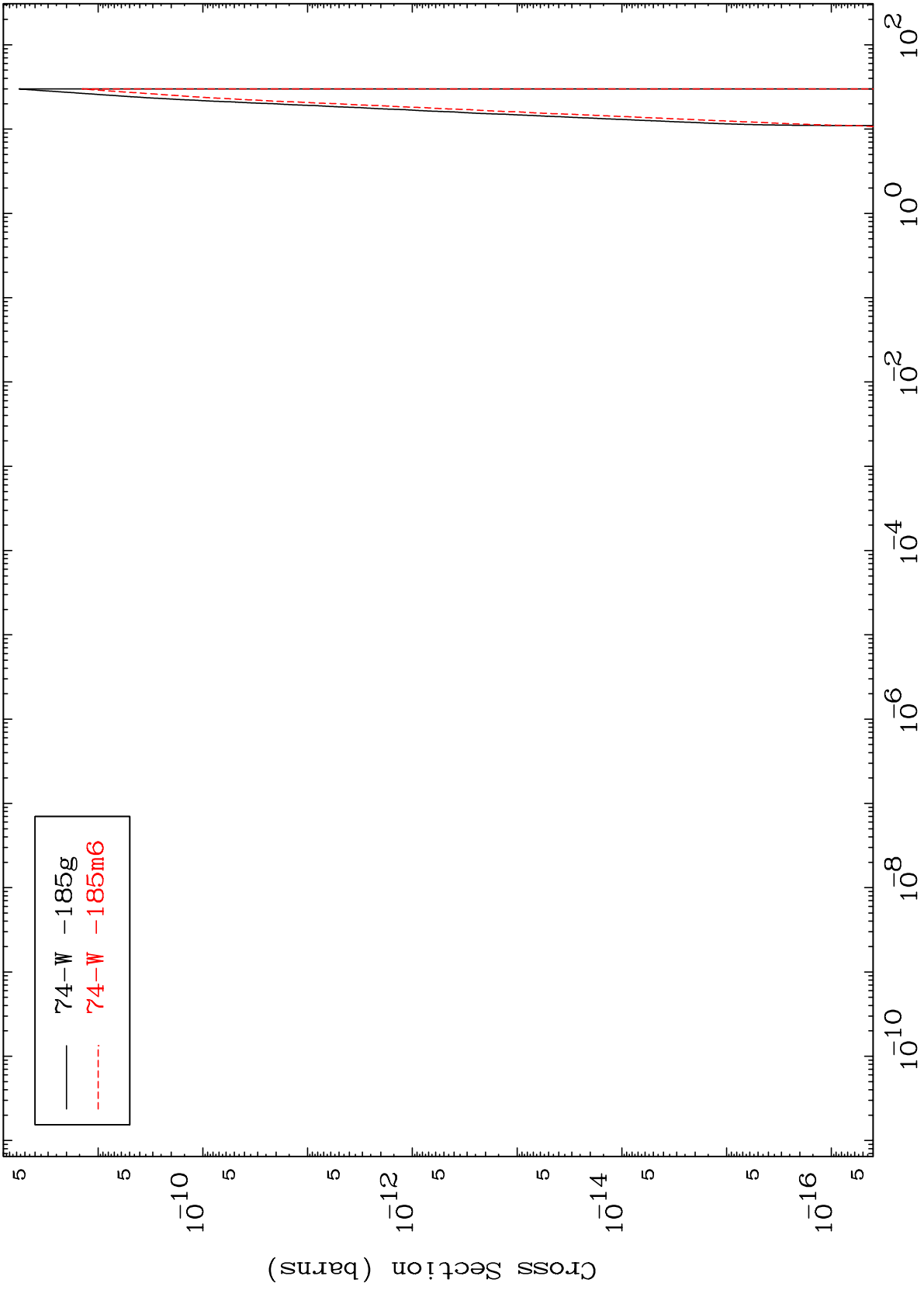
78-Pt-192

MAT 7831

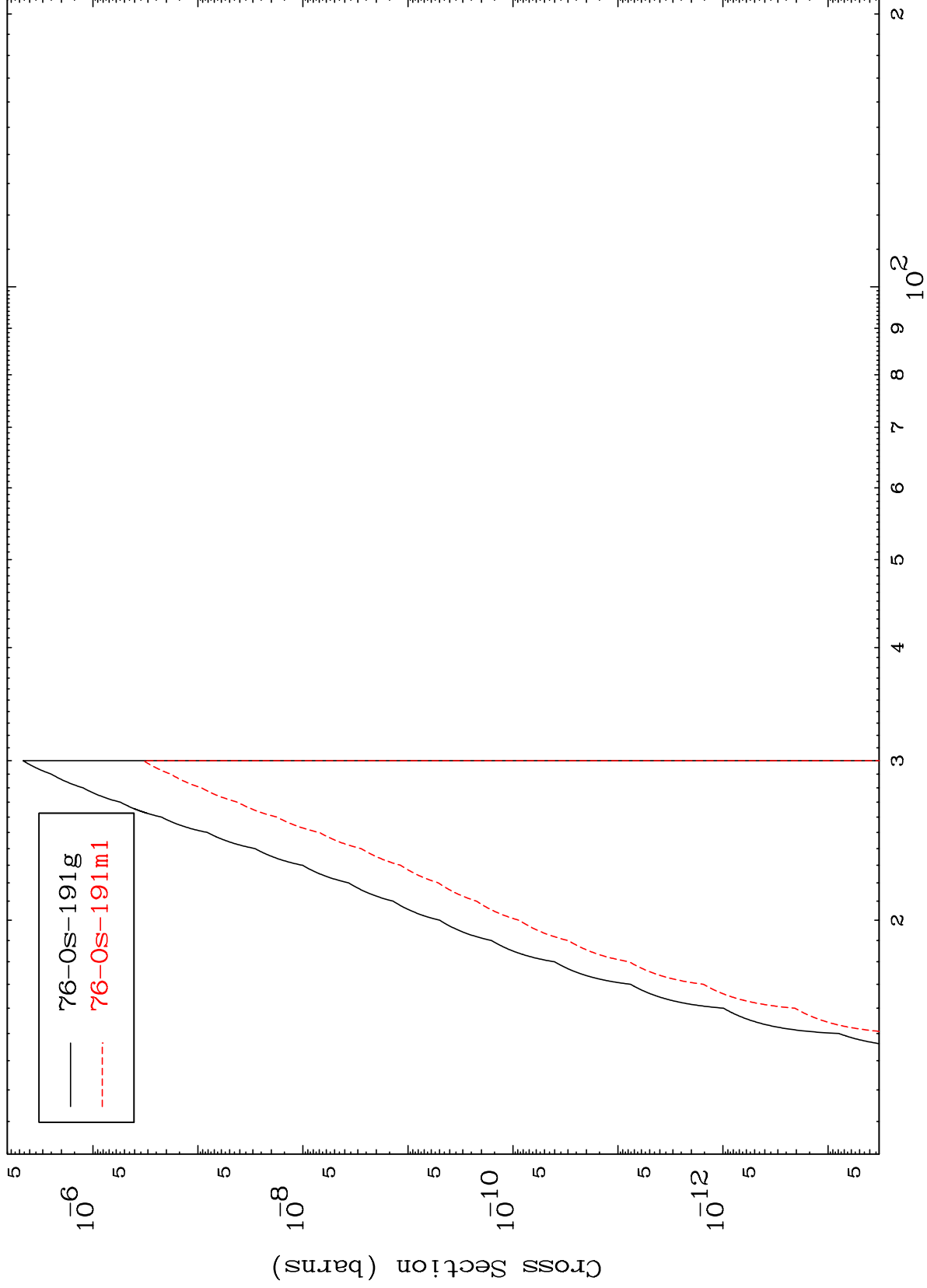
(n,2α)

78-Pt-192

Radionuclide Production Cross Section



Radionuclide Production Cross Section

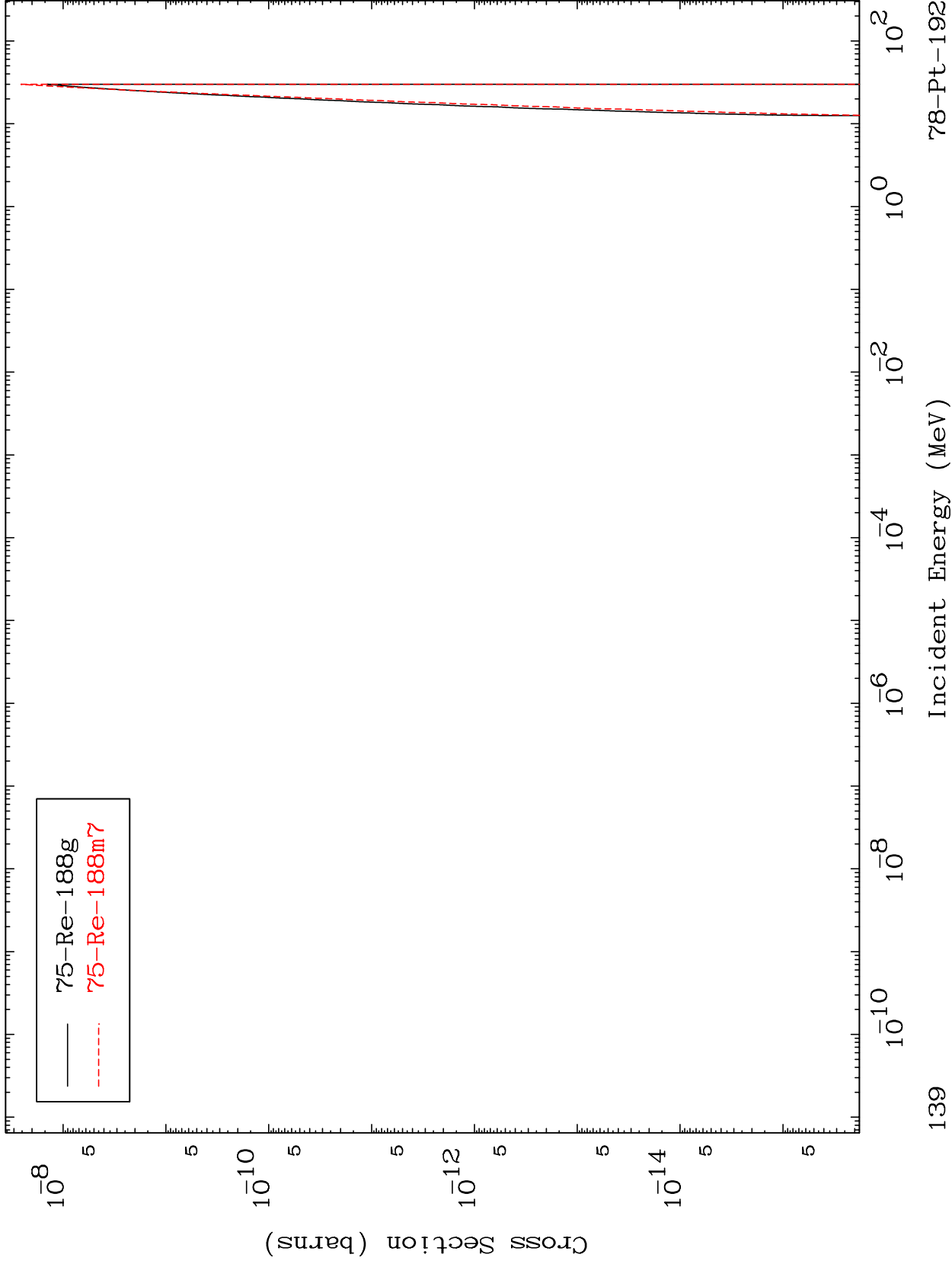


MAT 7831

(n,p) α

78-Pt-192

Radionuclide Production Cross Section

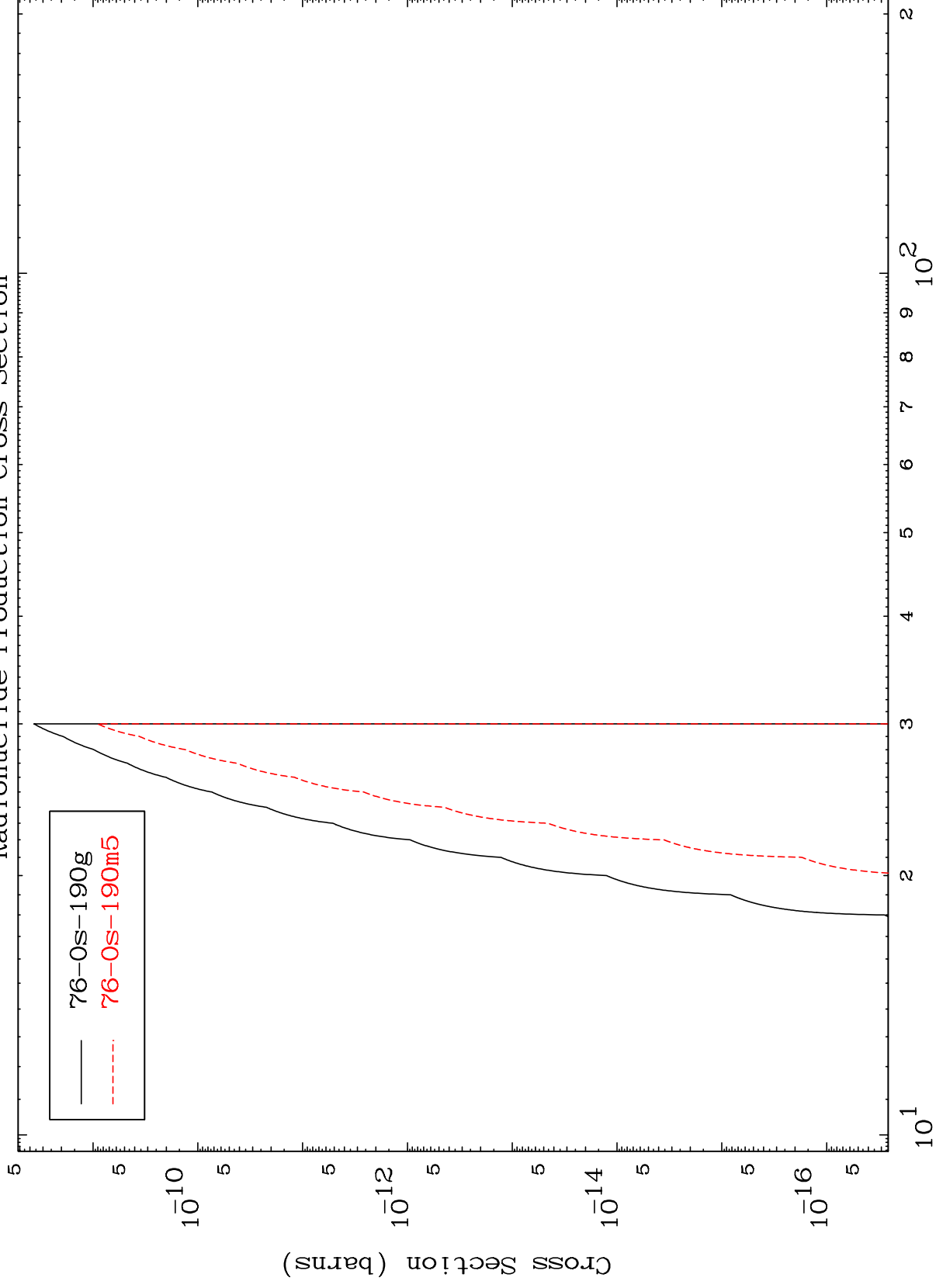


MAT 7831

(n,p) d

78-Pt-192

Radionuclide Production Cross Section



78-Pt-192

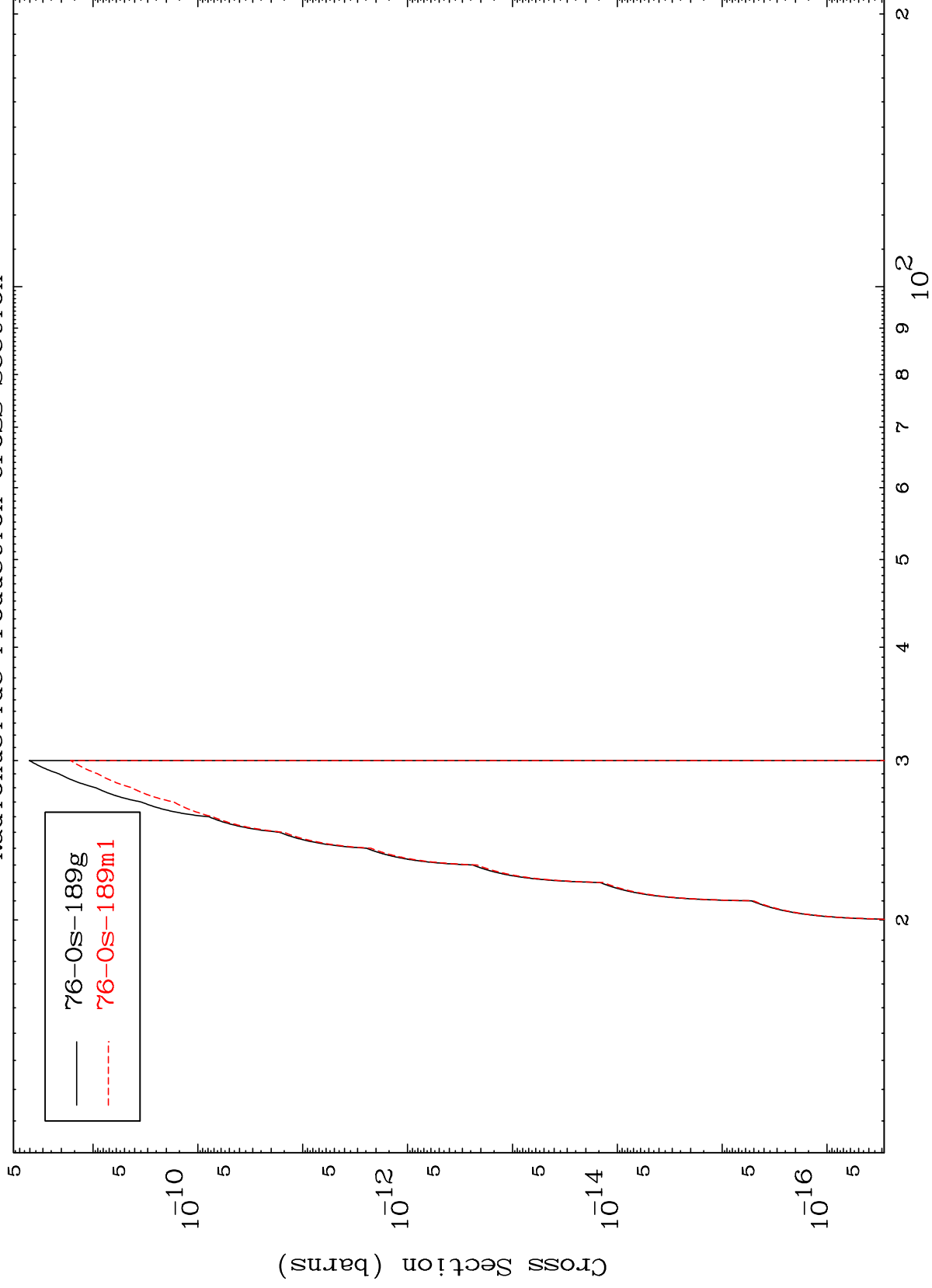
140

MAT 7831

(n,p) t

78-Pt-192

Radionuclide Production Cross Section



141

Incident Energy (MeV)

78-Pt-192