

Program EVALPLOT
(Version 2021-1)

by

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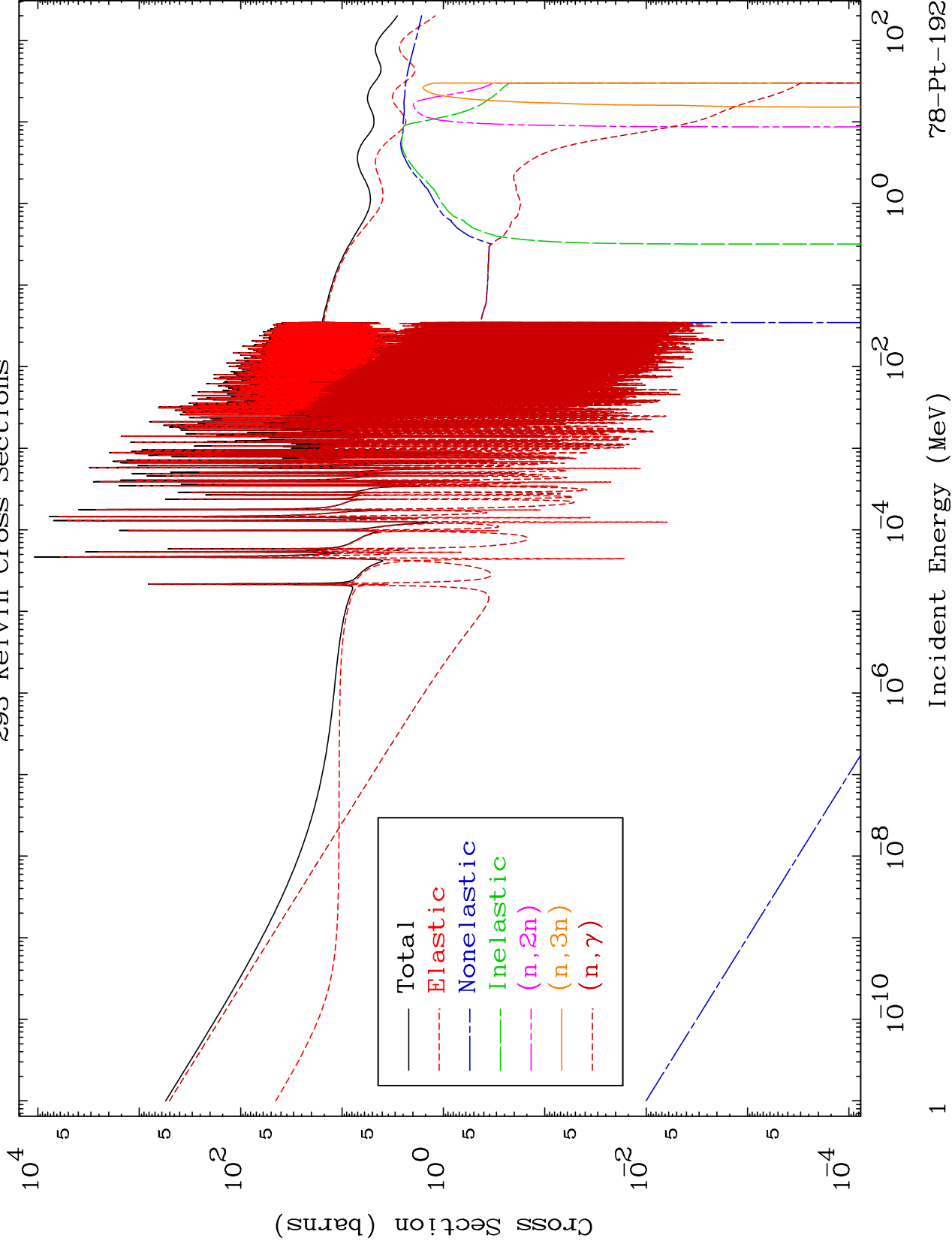
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7831

Neutron Major
293 Kelvin Cross Sections

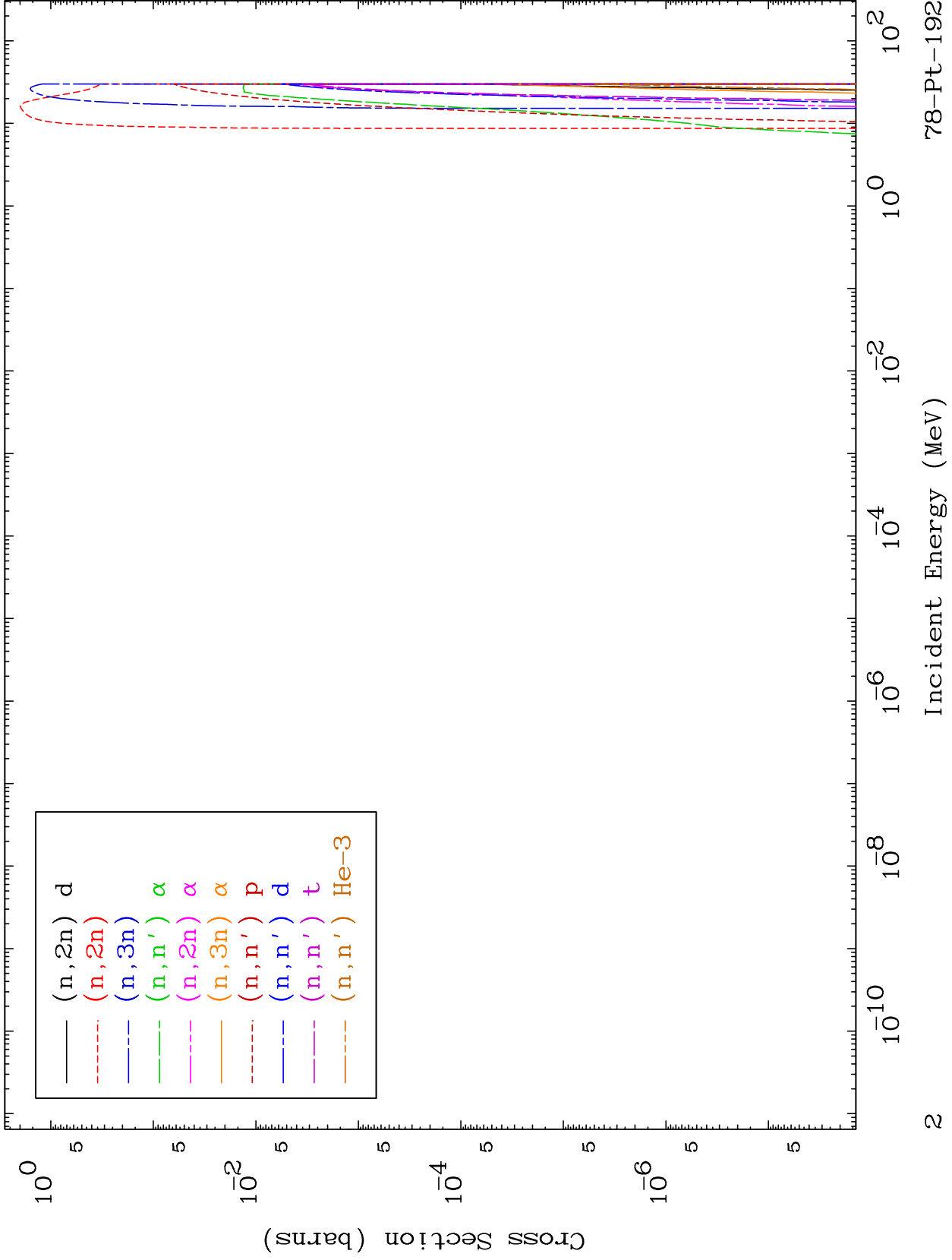
78-Pt-192

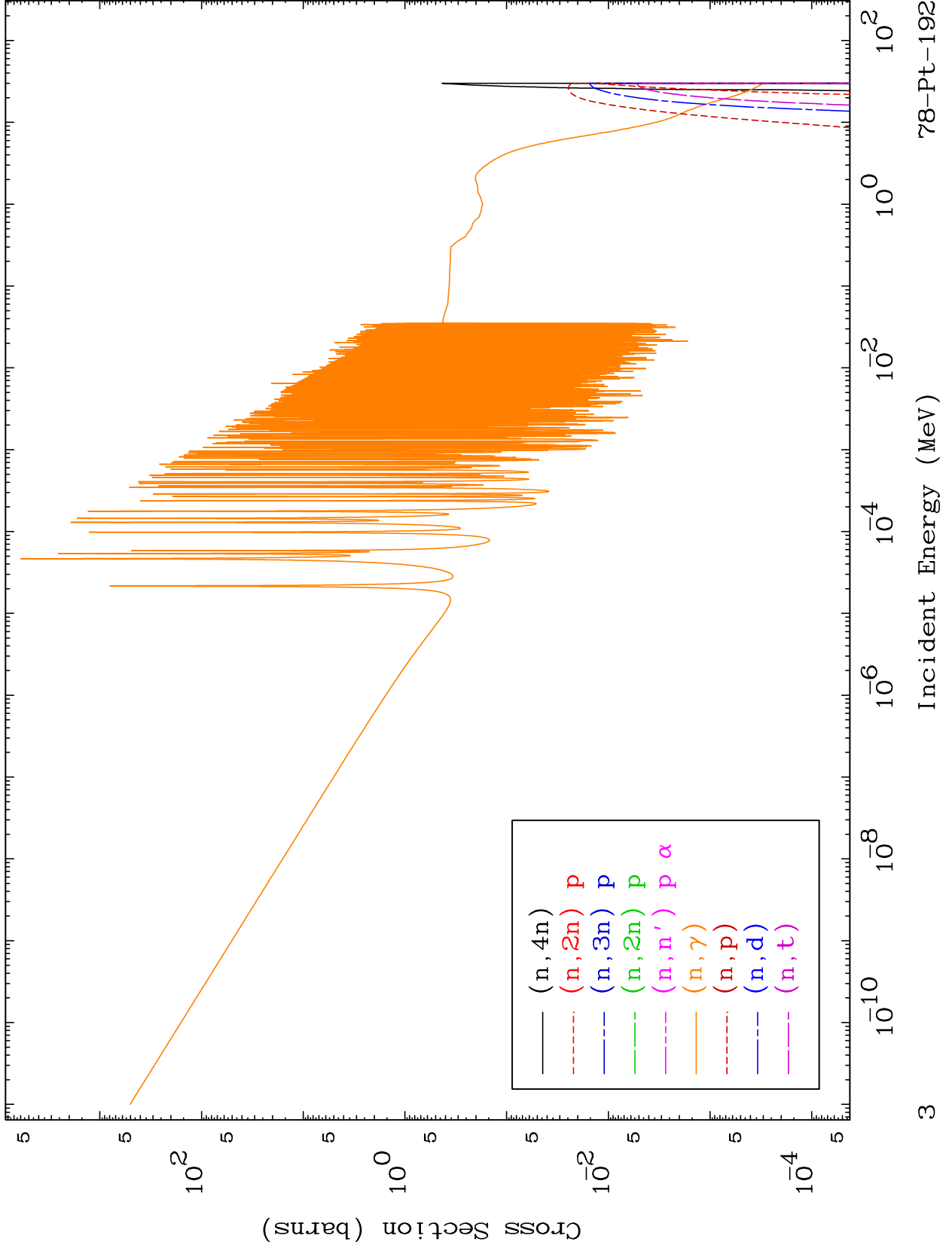


MAT 7831

Neutron Absorption
293 Kelvin Cross Sections

78-Pt-192

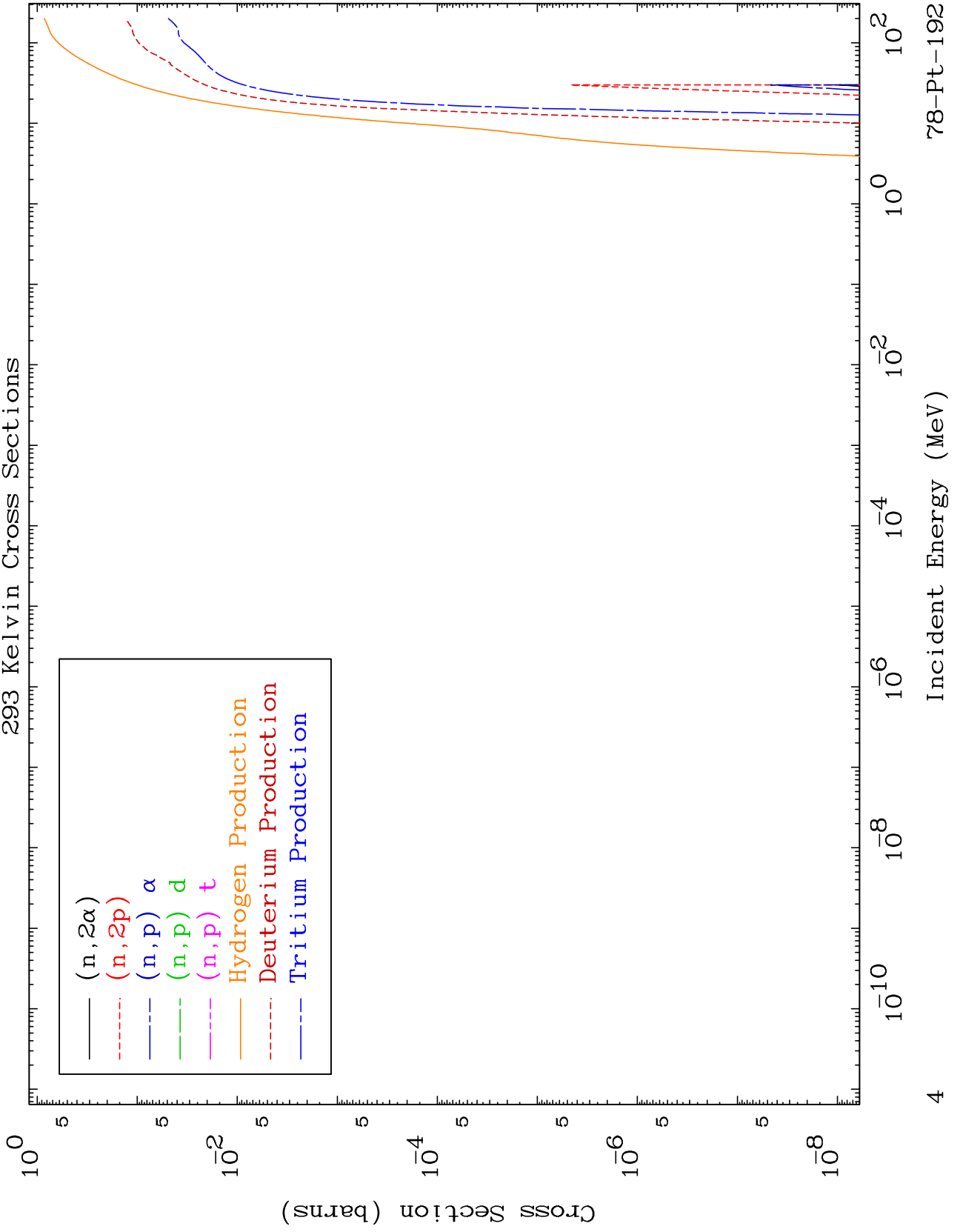




MAT 7831

Neutron Absorption
293 Kelvin Cross Sections

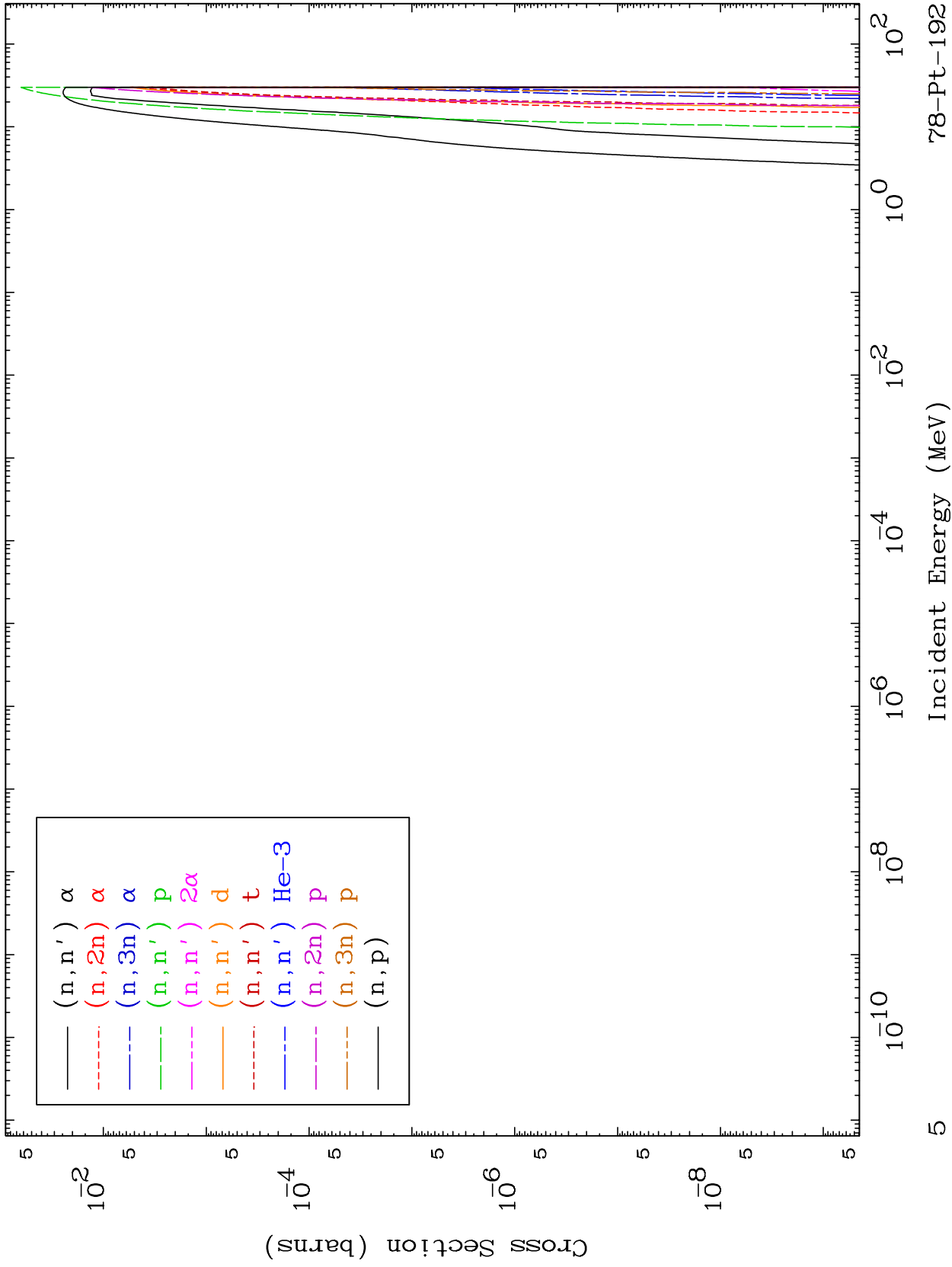
78-Pt-192



MAT 7831

Charged Particle
293 Kelvin Cross Sections

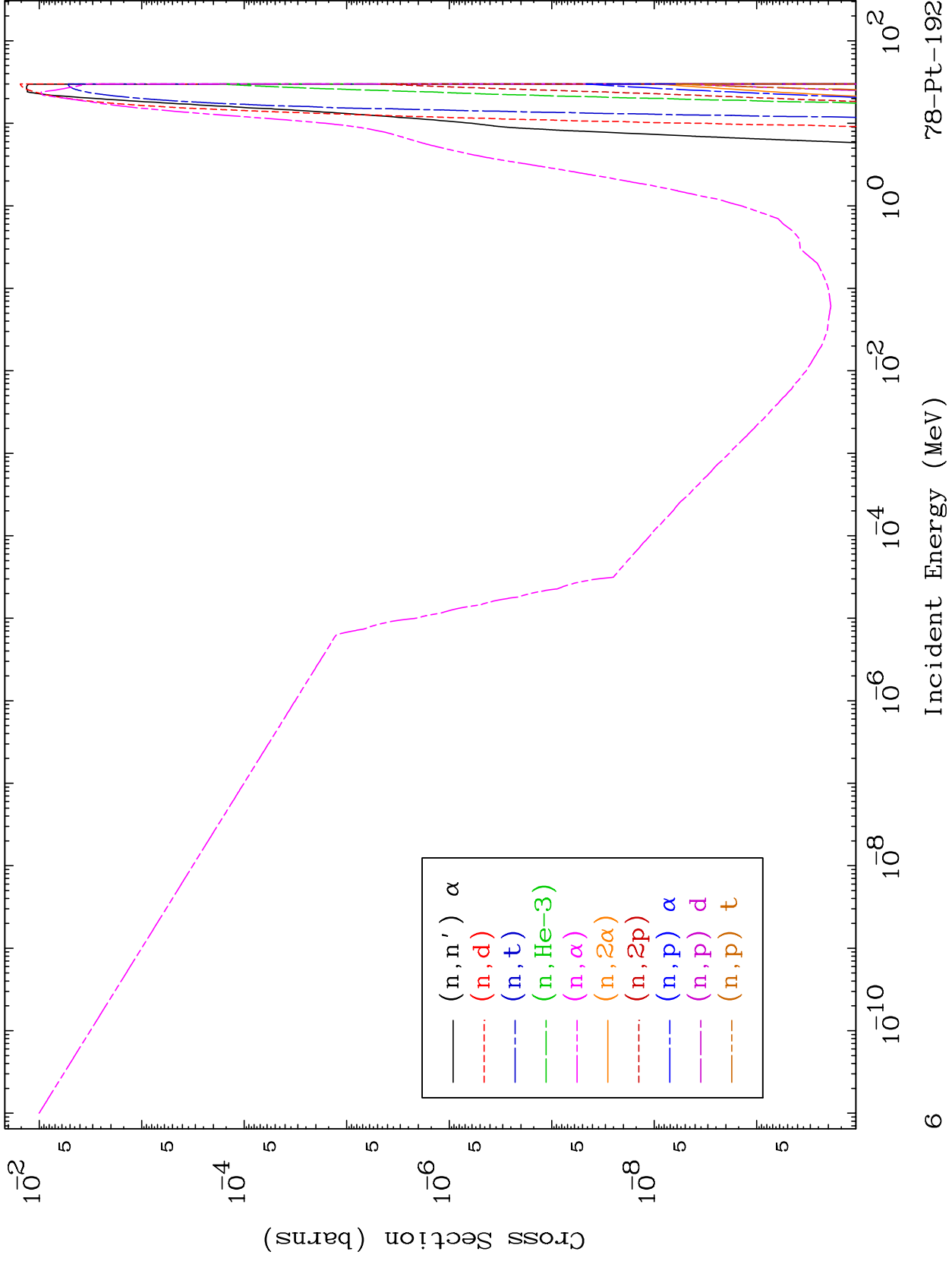
78-Pt-192



MAT 7831

Charged Particle
293 Kelvin Cross Sections

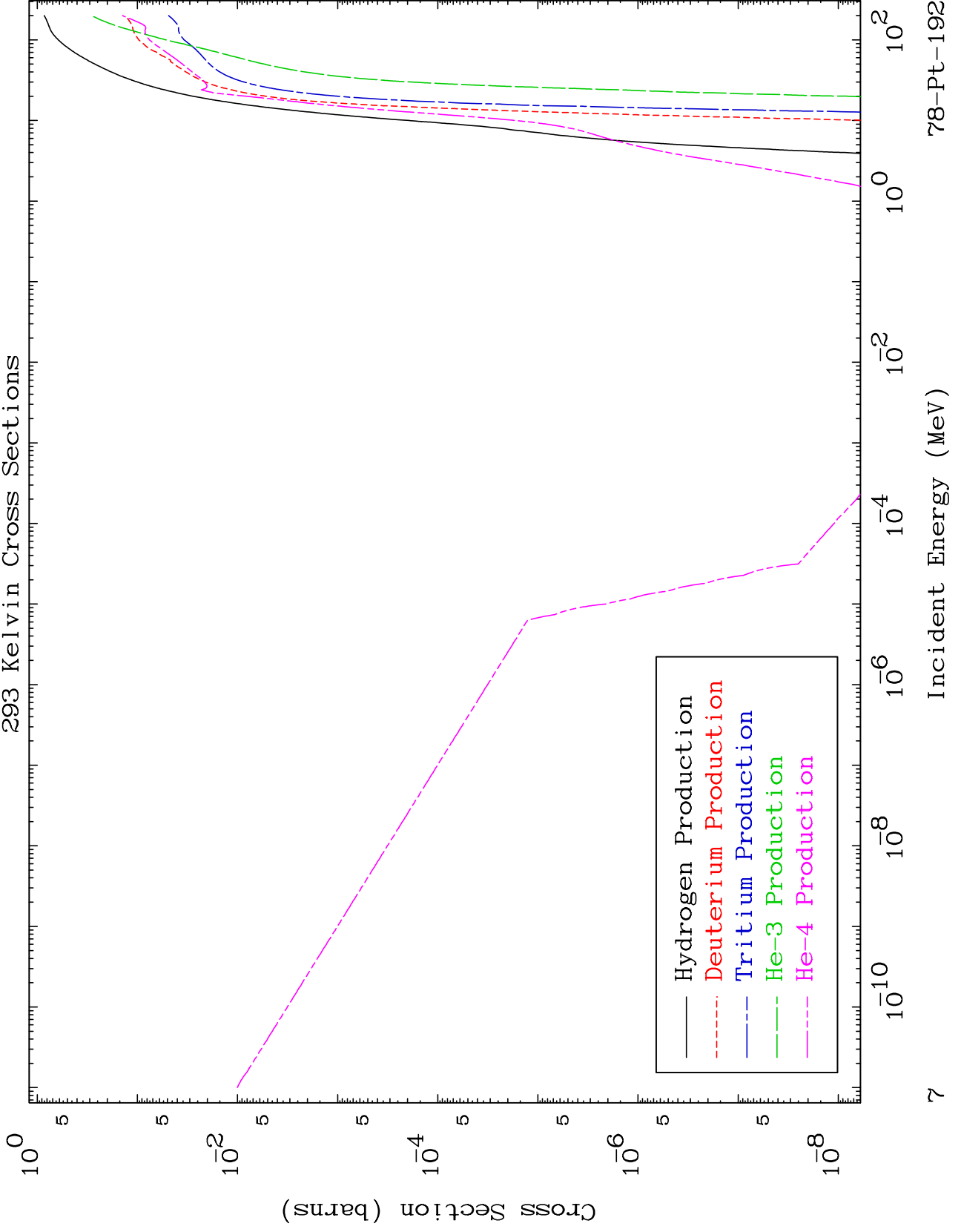
78-Pt-192



MAT 7831

Particle Production
293 Kelvin Cross Sections

78-Pt-192

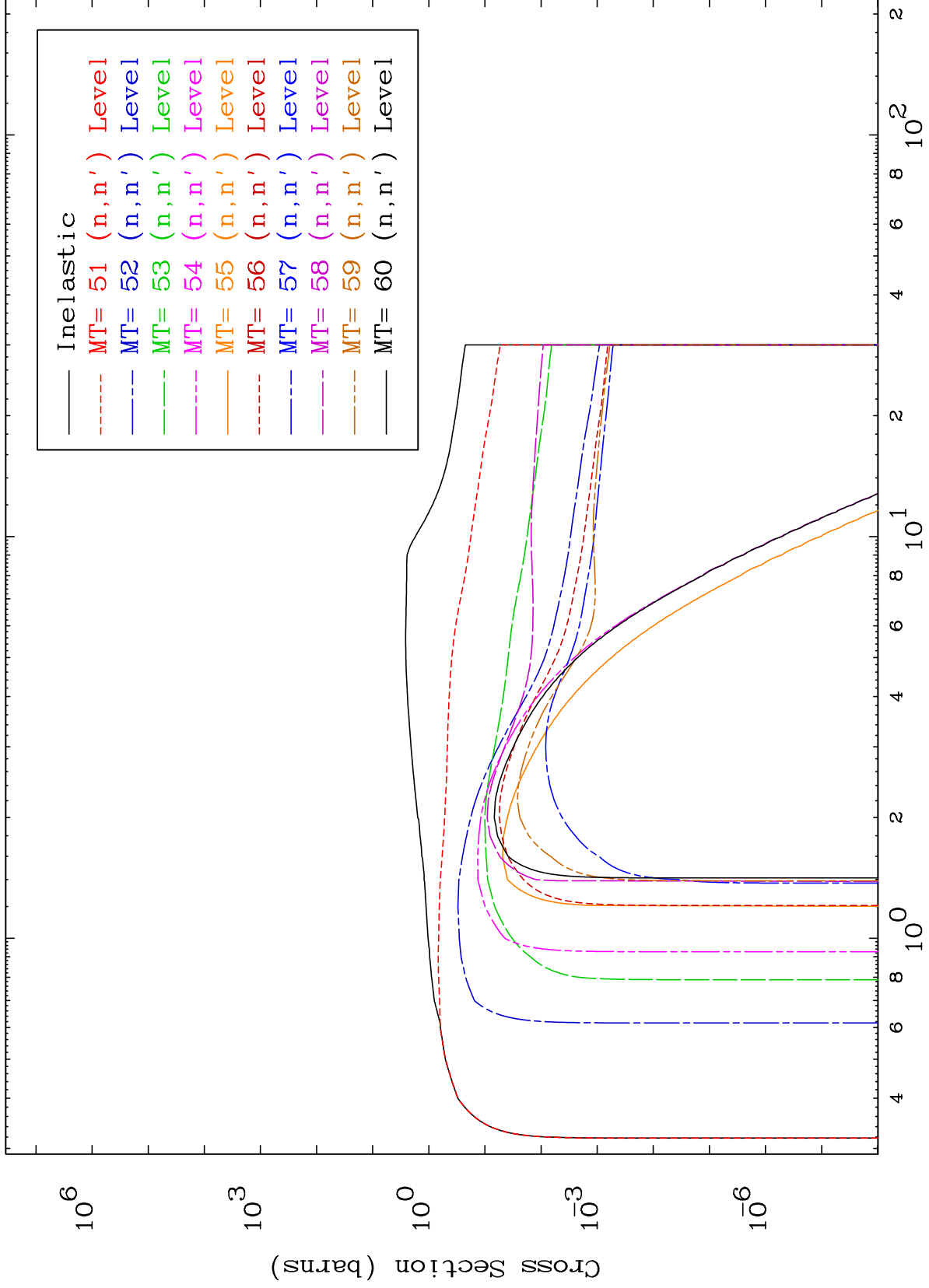


MAT 7831

(n,n') Levels

78-Pt-192

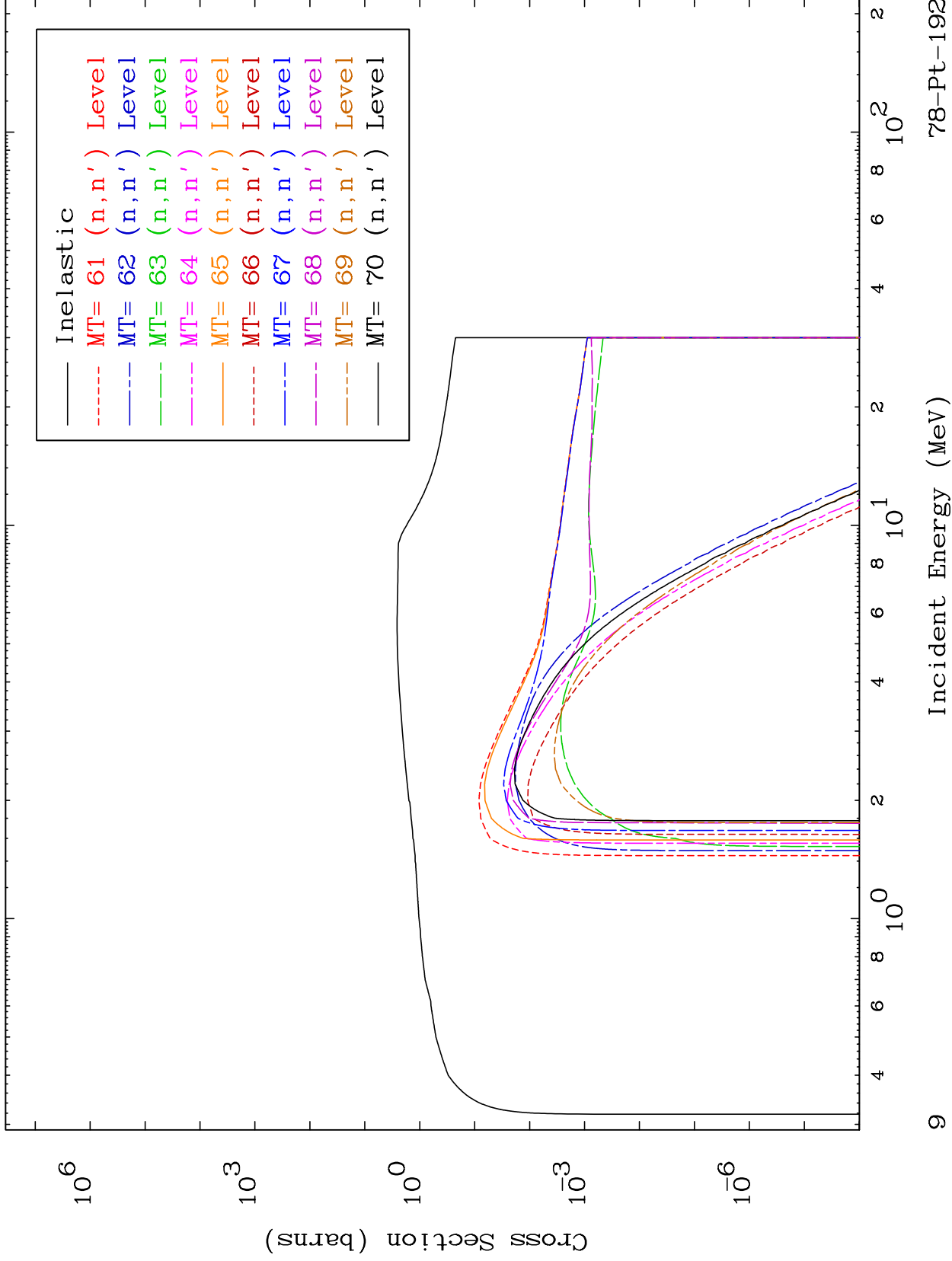
293 Kelvin Cross Sections



8

Incident Energy (MeV)

78-Pt-192

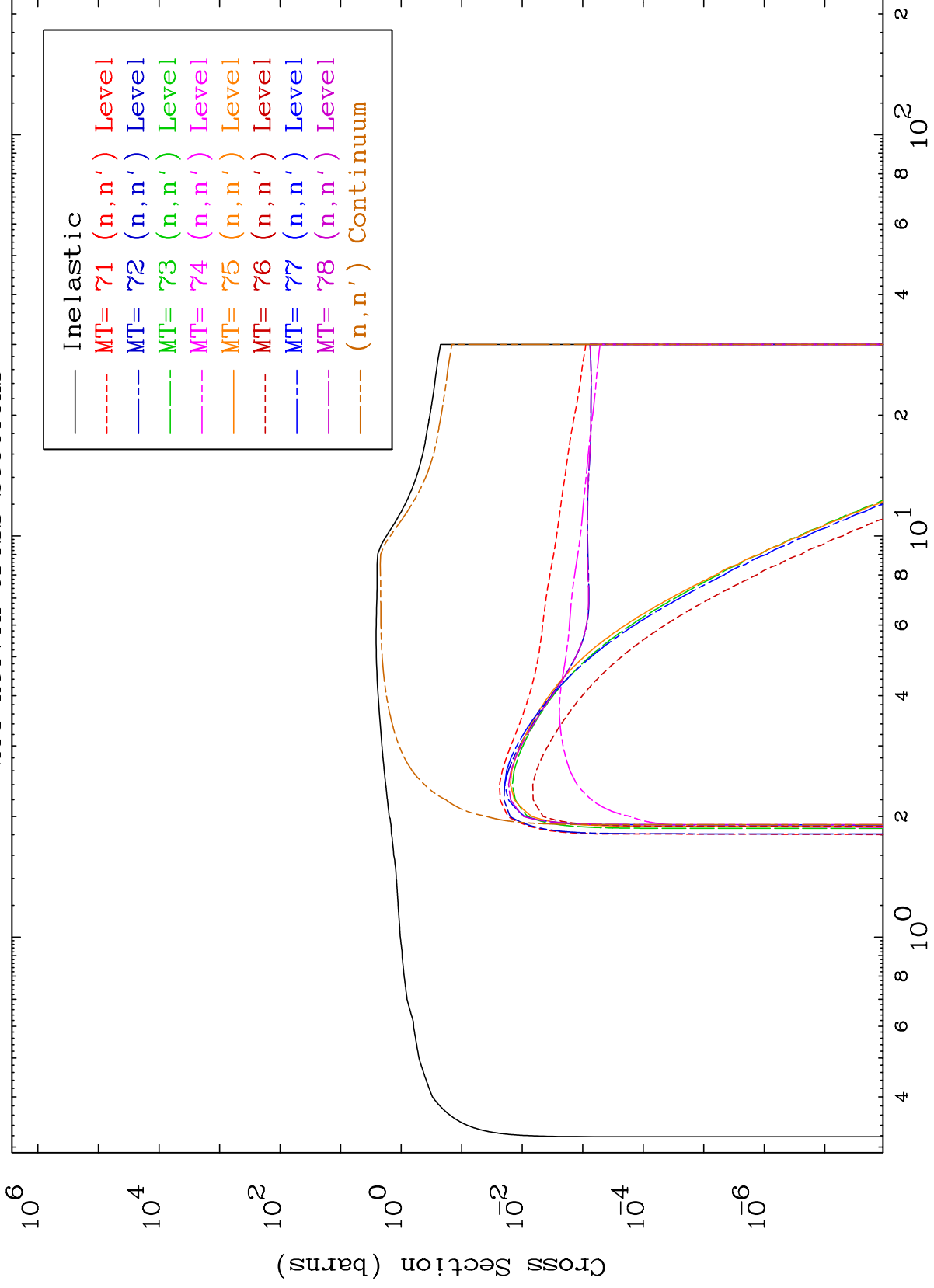


MAT 7831

(n,n') Levels

293 Kelvin Cross Sections

78-Pt-192



10

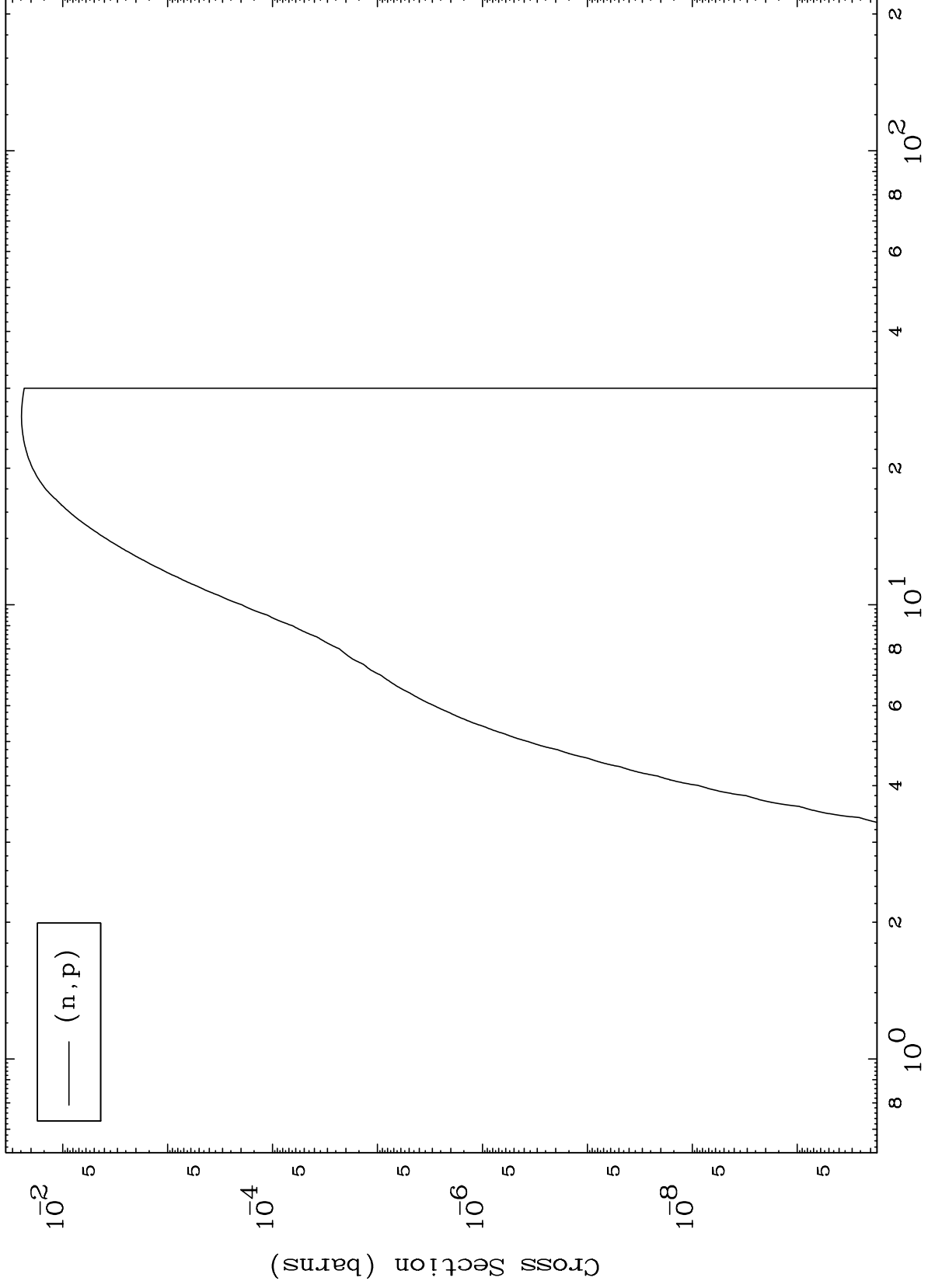
Incident Energy (MeV)

78-Pt-192

MAT 7831

(n,p) Levels
293 Kelvin Cross Sections

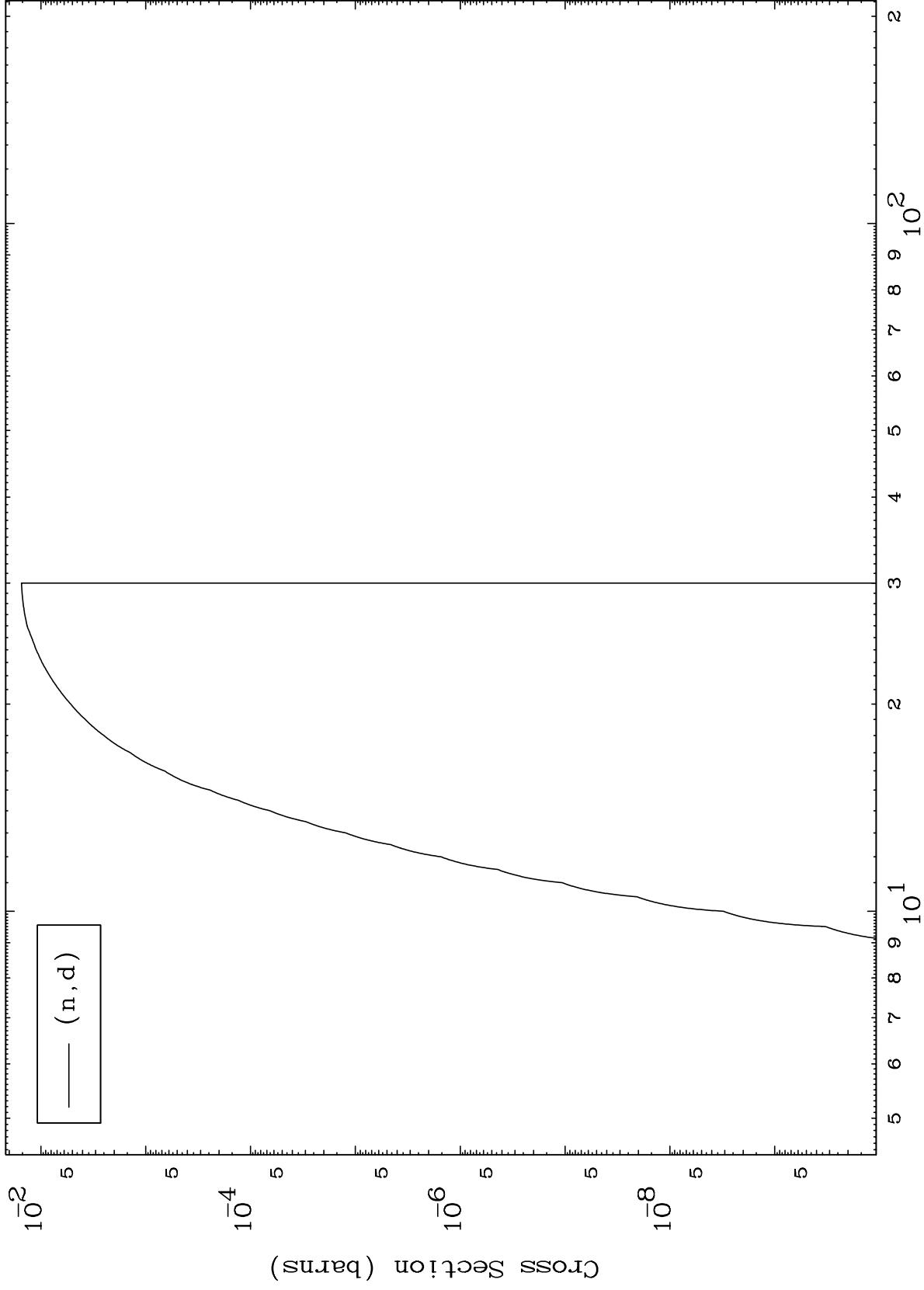
78-Pt-192



MAT 7831

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-192



12

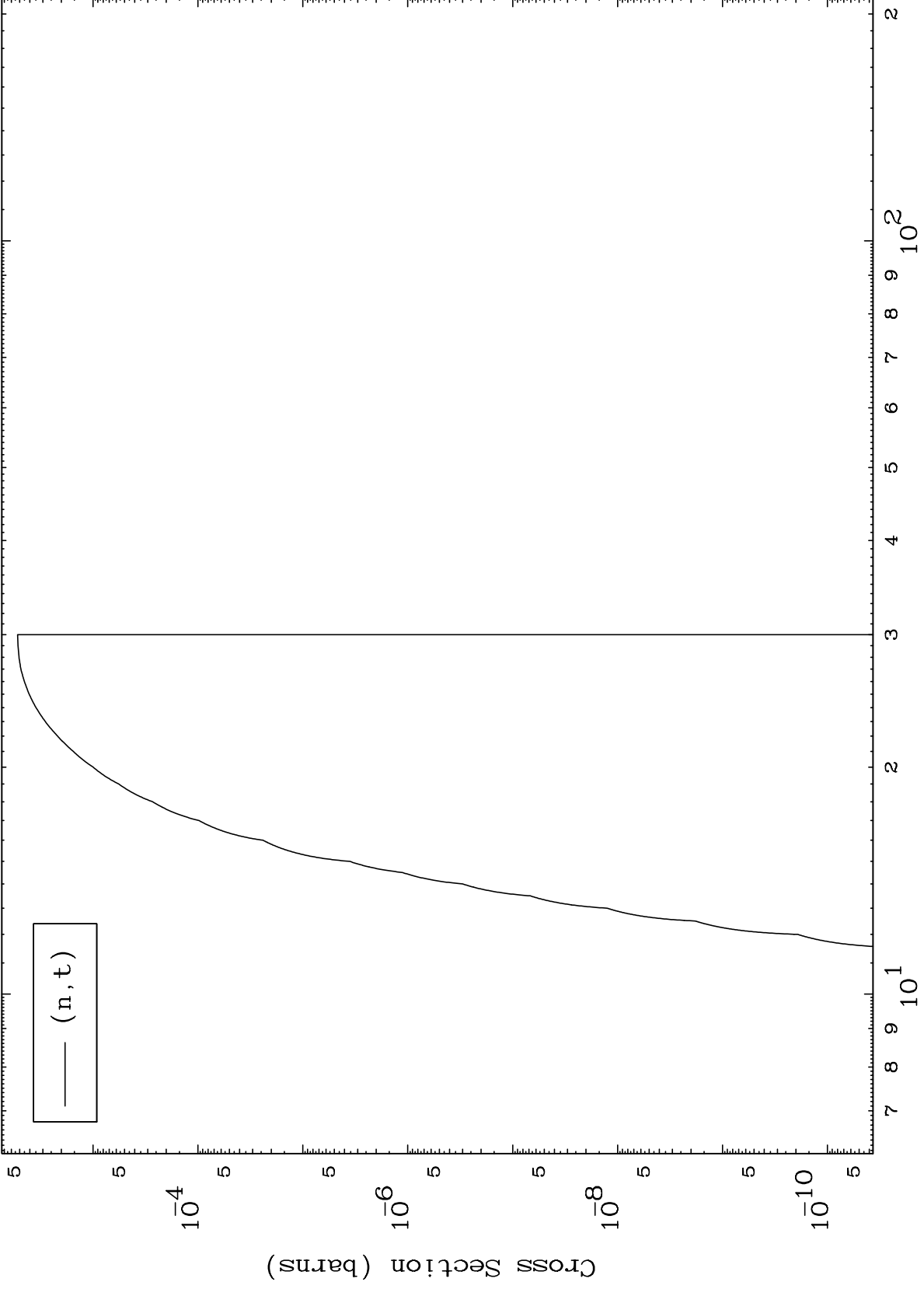
Incident Energy (MeV)

78-Pt-192

MAT 7831

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-192



13

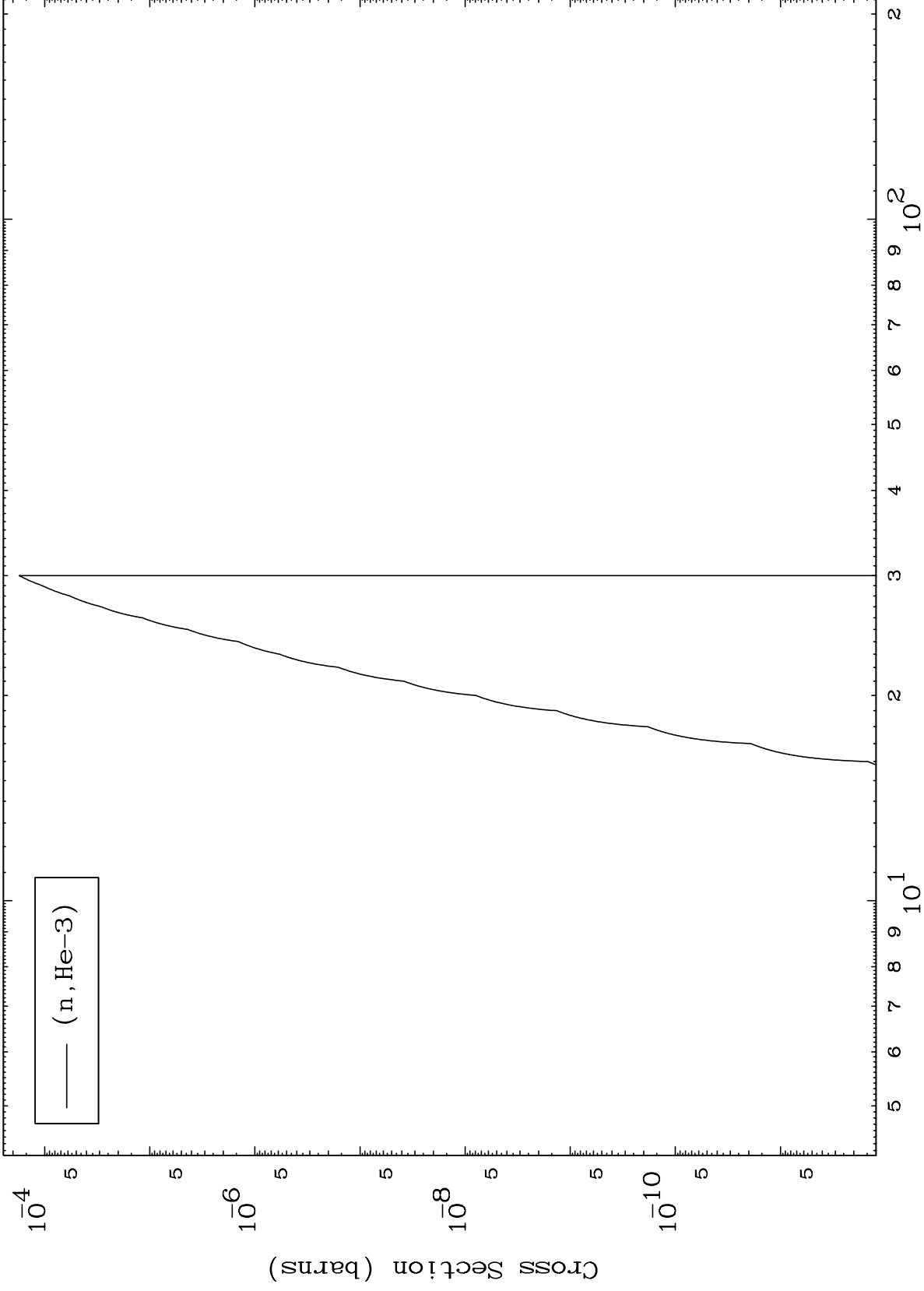
Incident Energy (MeV)

78-Pt-192

MAT 7831

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-192



14

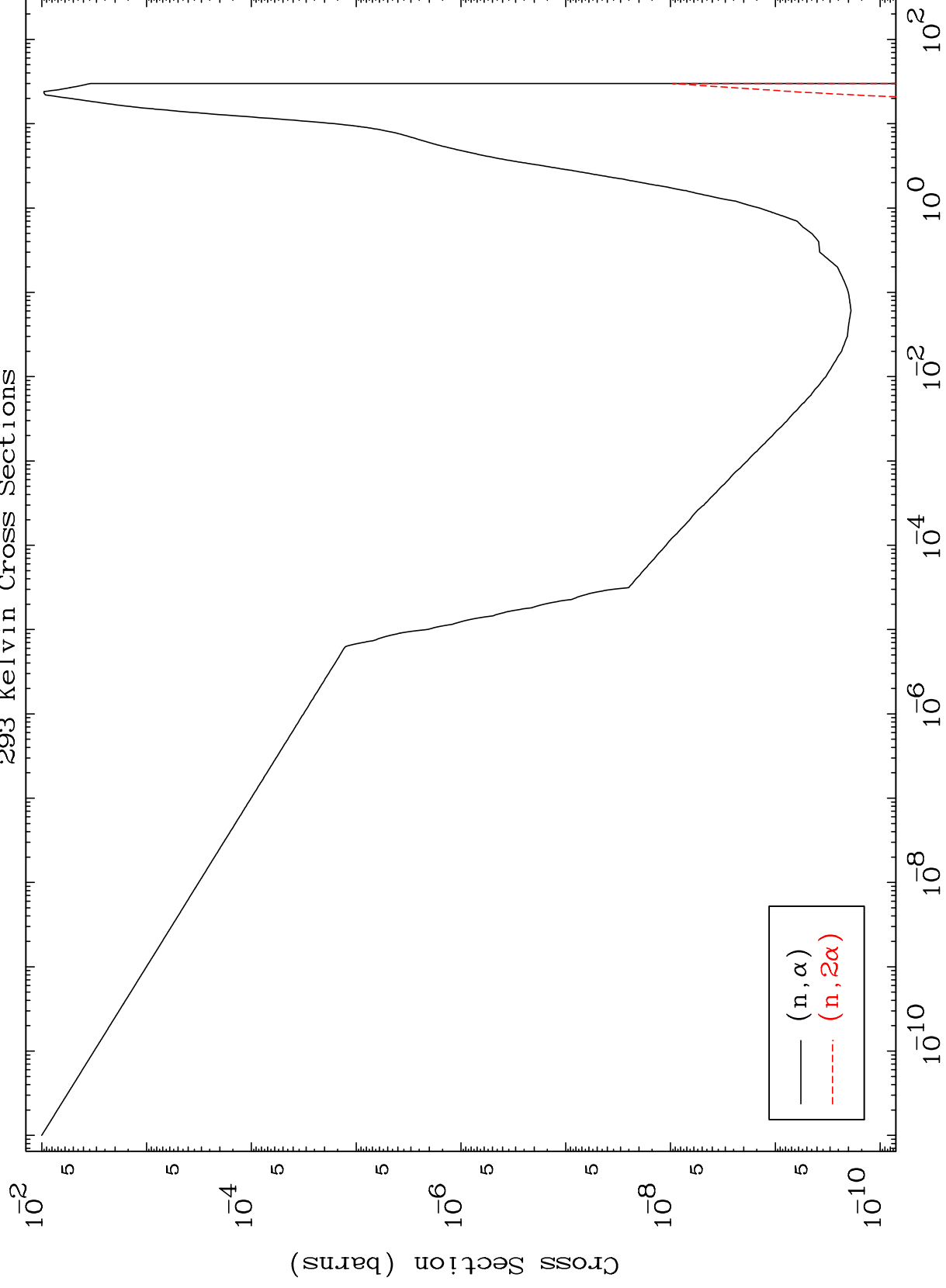
Incident Energy (MeV)

78-Pt-192

MAT 7831

(n,α) Levels
293 Kelvin Cross Sections

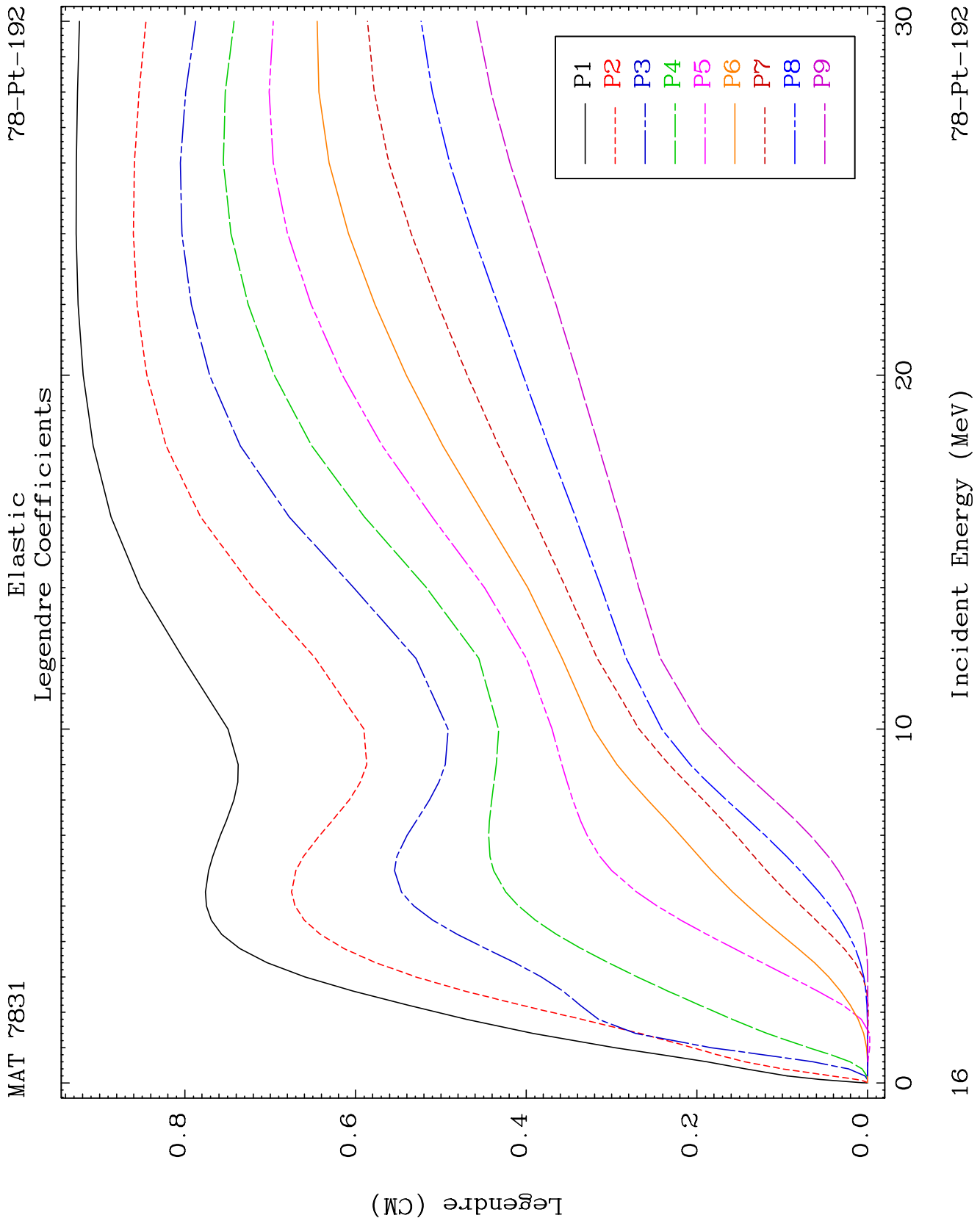
78-Pt-192



Incident Energy (MeV)

78-Pt-192

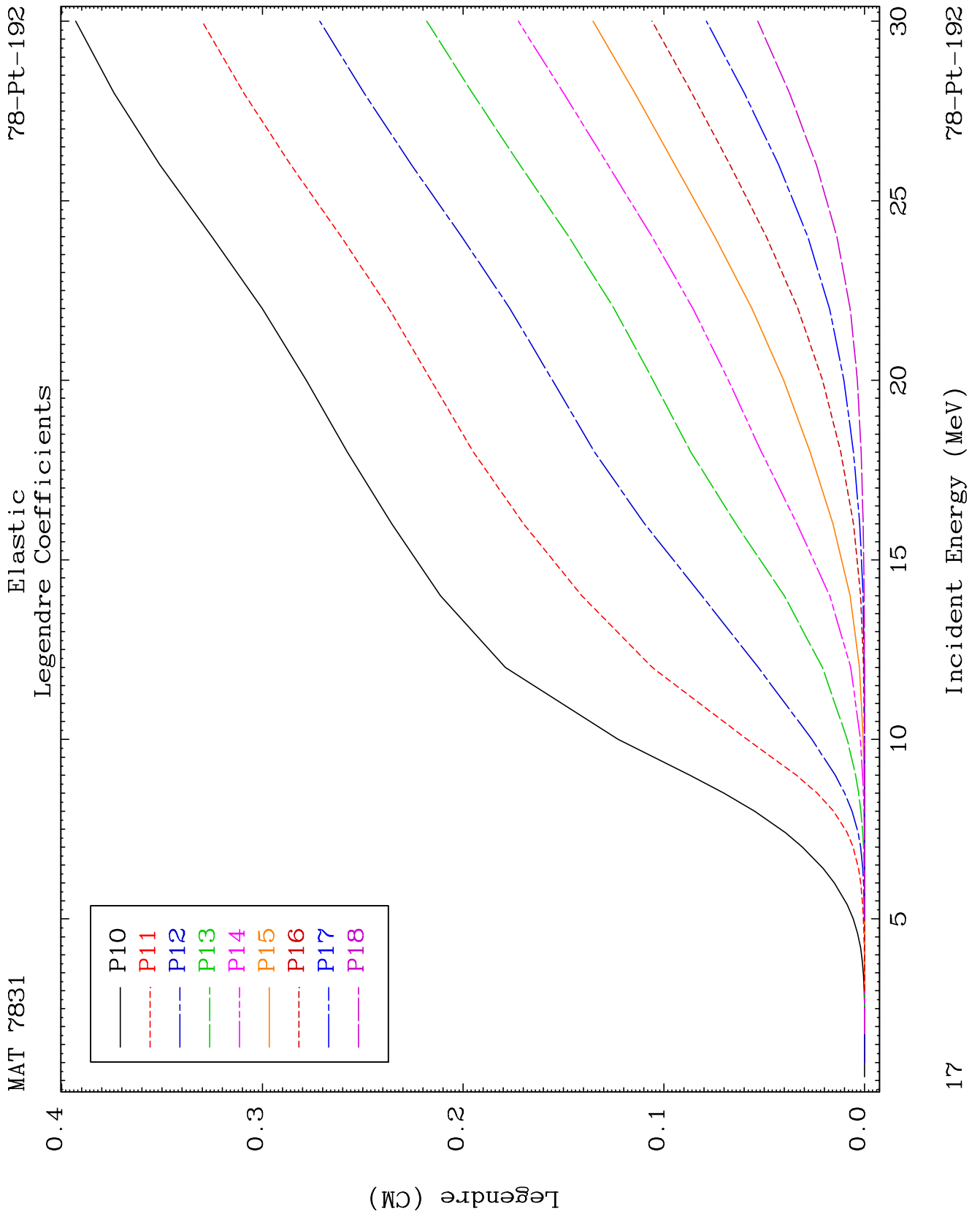
15



78-Pt-192

Incident Energy (MeV)

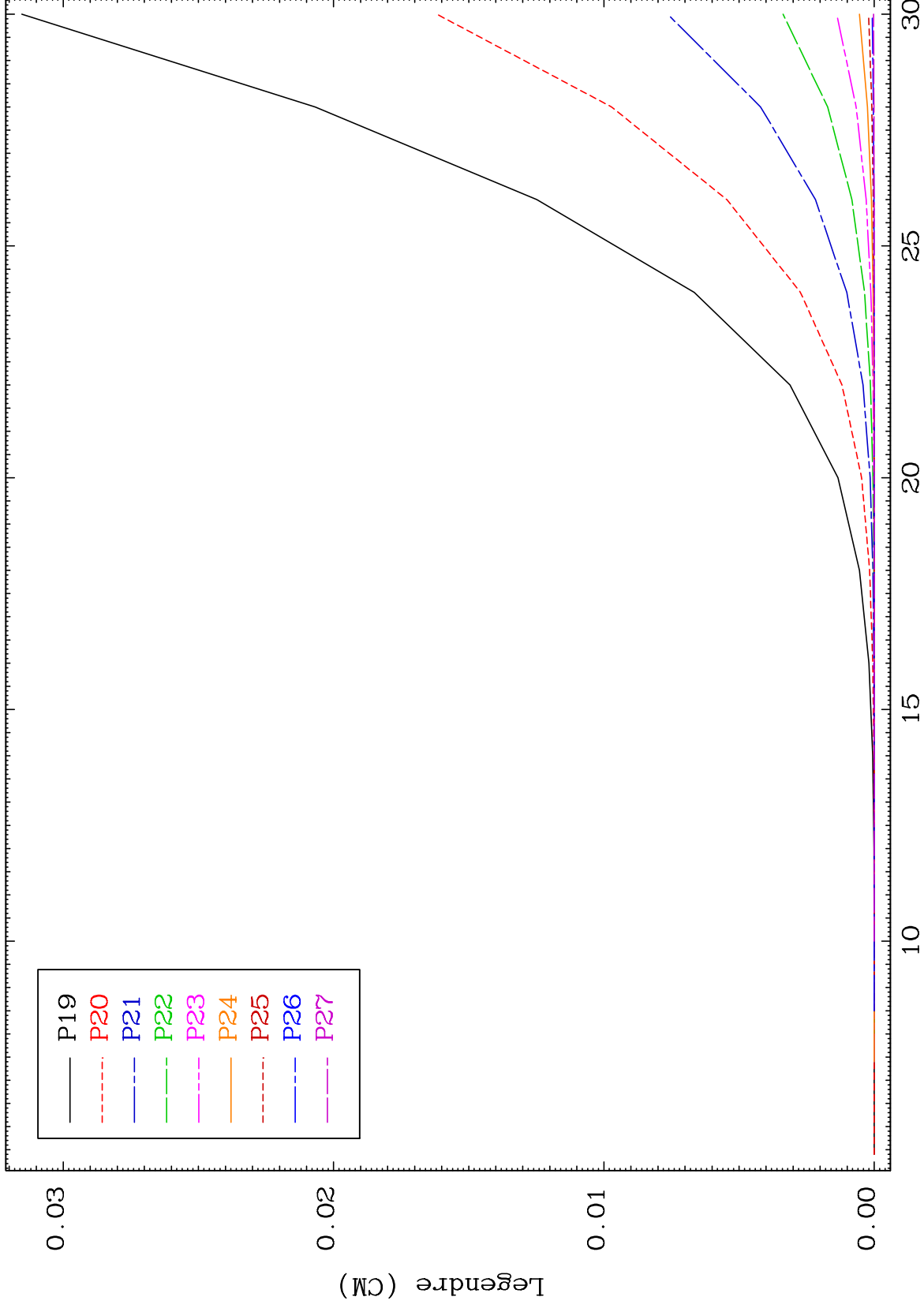
16



MAT 7831

Elastic
Legendre Coefficients

78-Pt-192



18

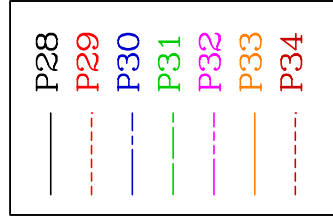
Incident Energy (MeV)

78-Pt-192

MAT 7831

Elastic
Legendre Coefficients

78-Pt-192



$\times 10^{-6}$

8

6

4

2

0

15

20

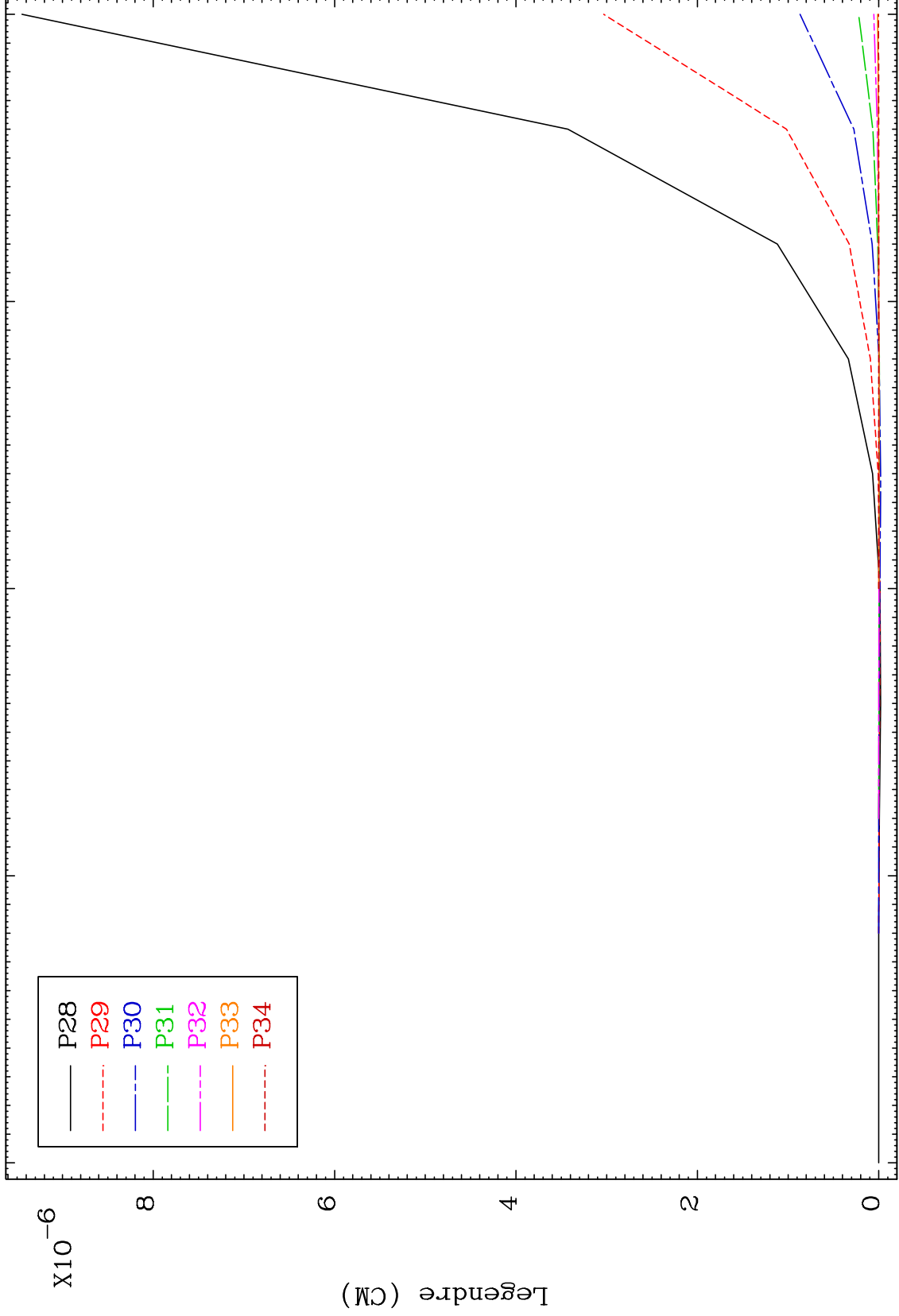
25

30

19

Incident Energy (MeV)

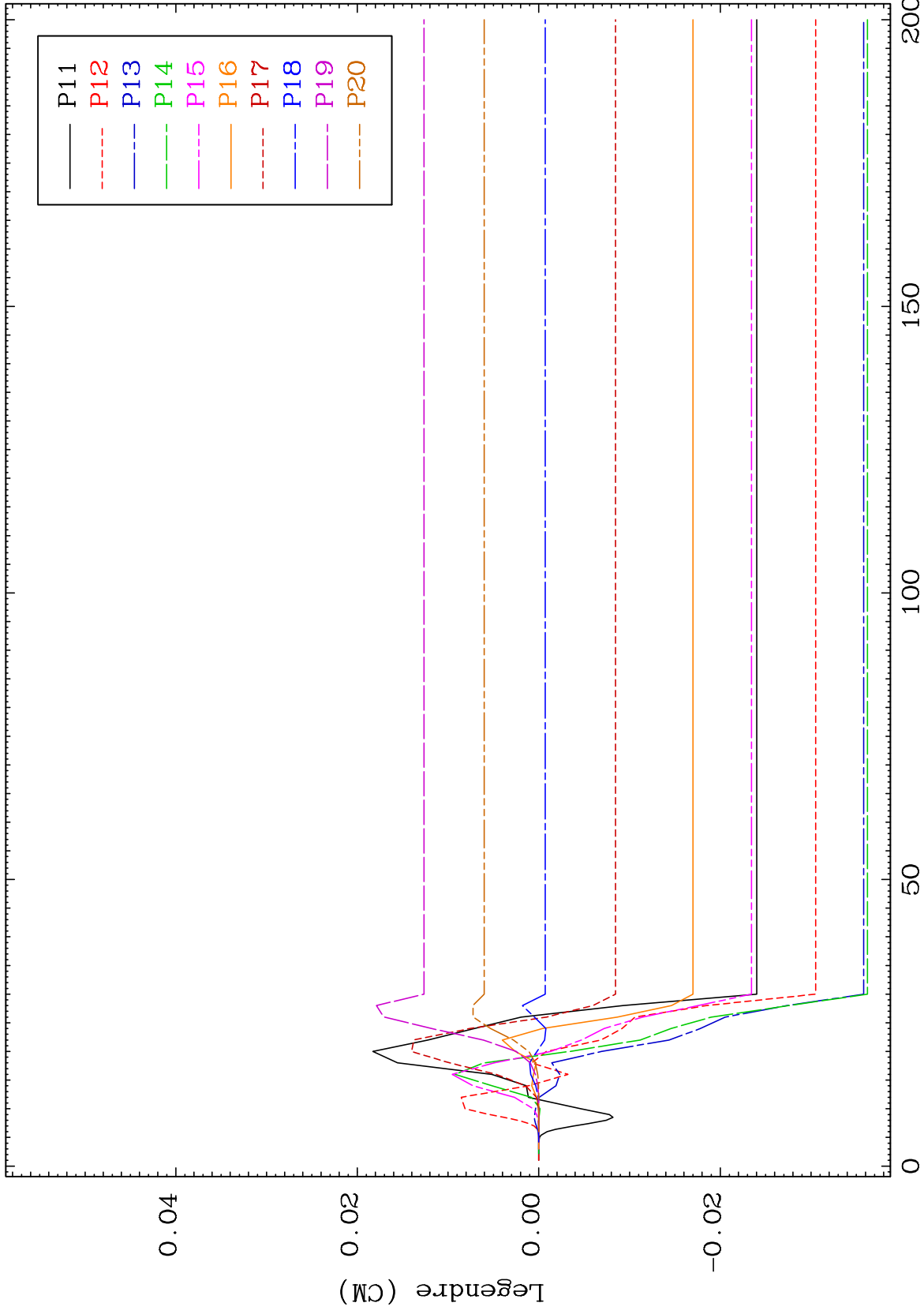
78-Pt-192



MAT 7831

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

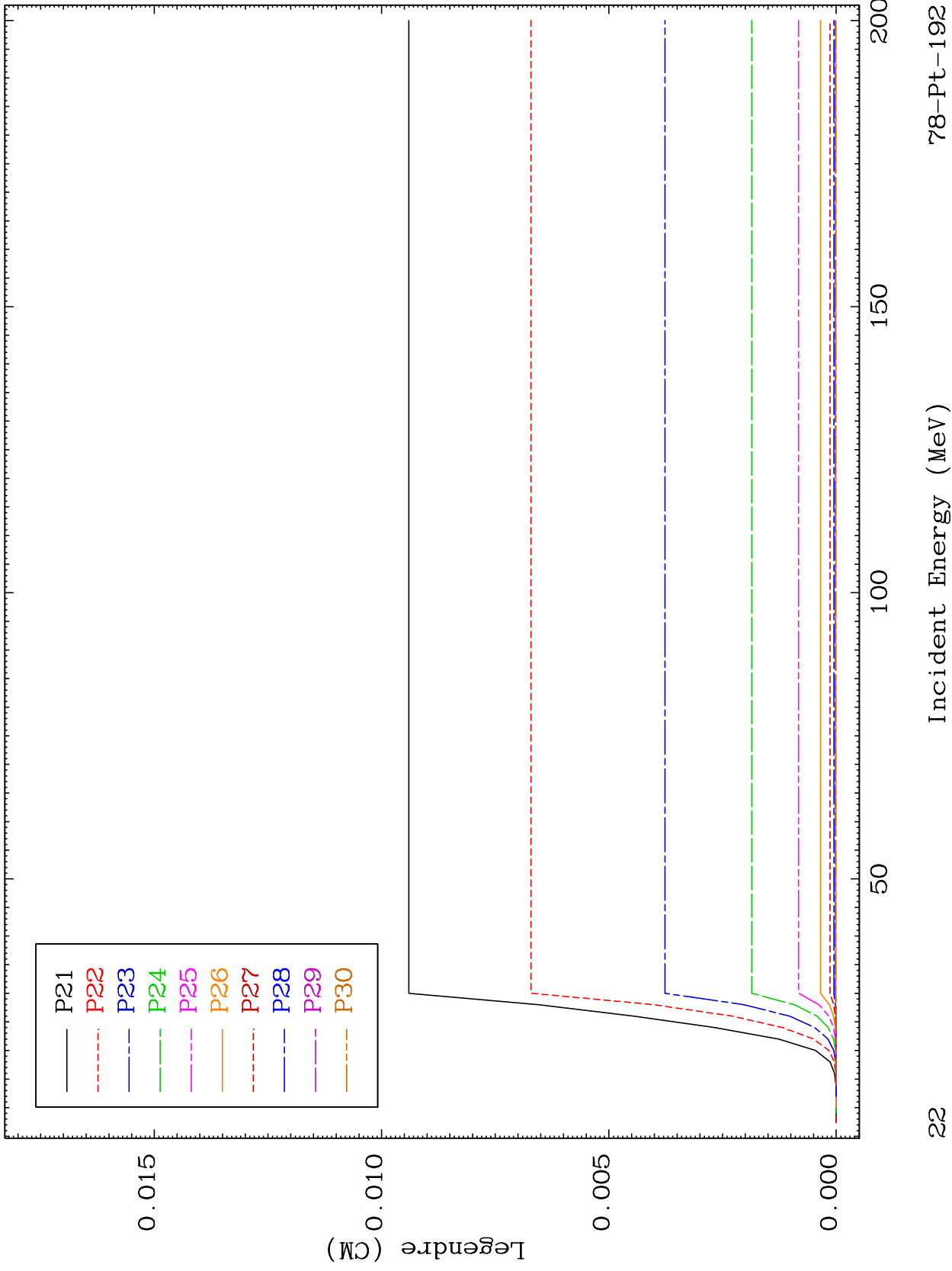
78-Pt-192



MAT 7831

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

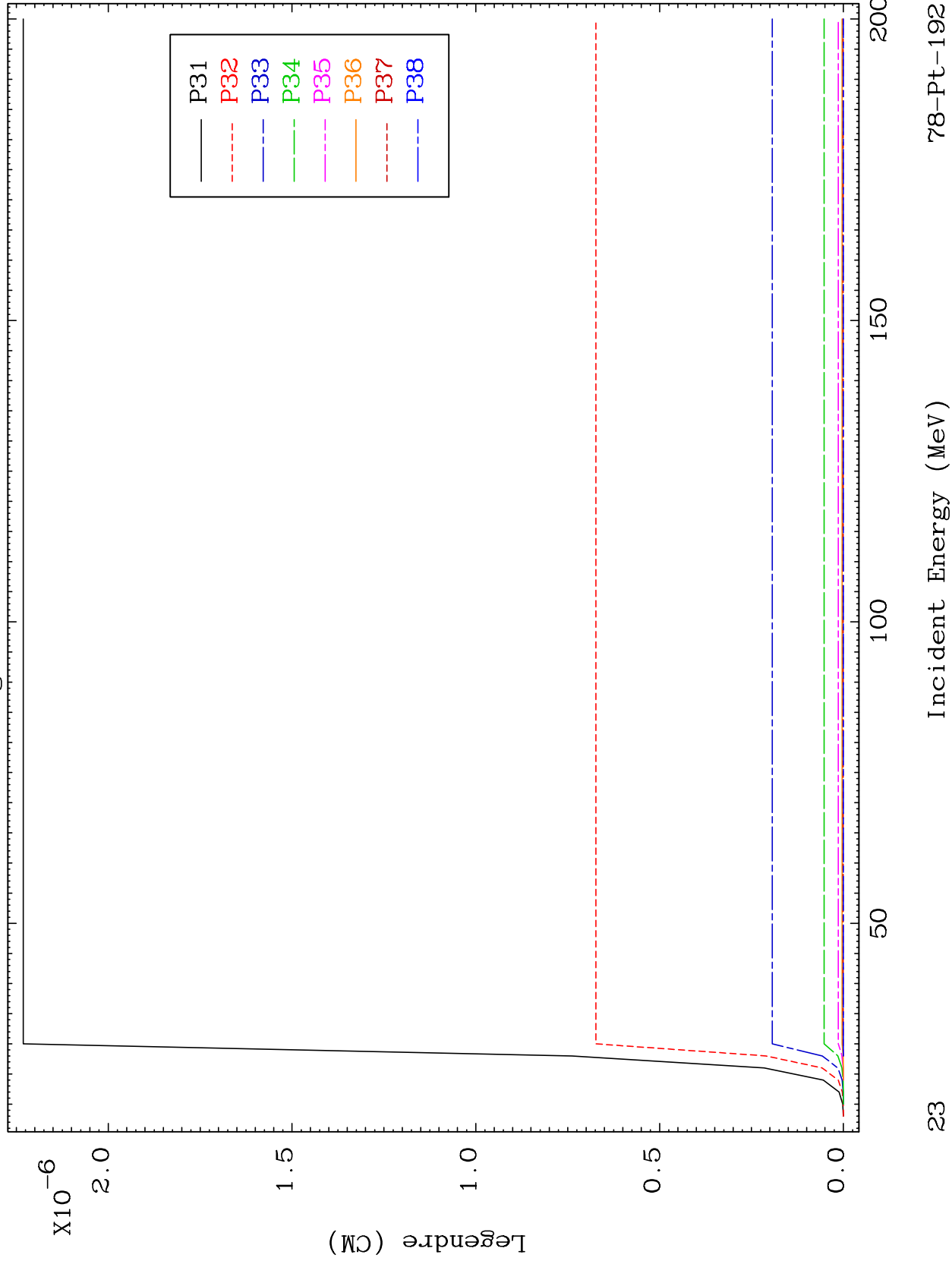
78-Pt-192



MAT 7831

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

78-Pt-192

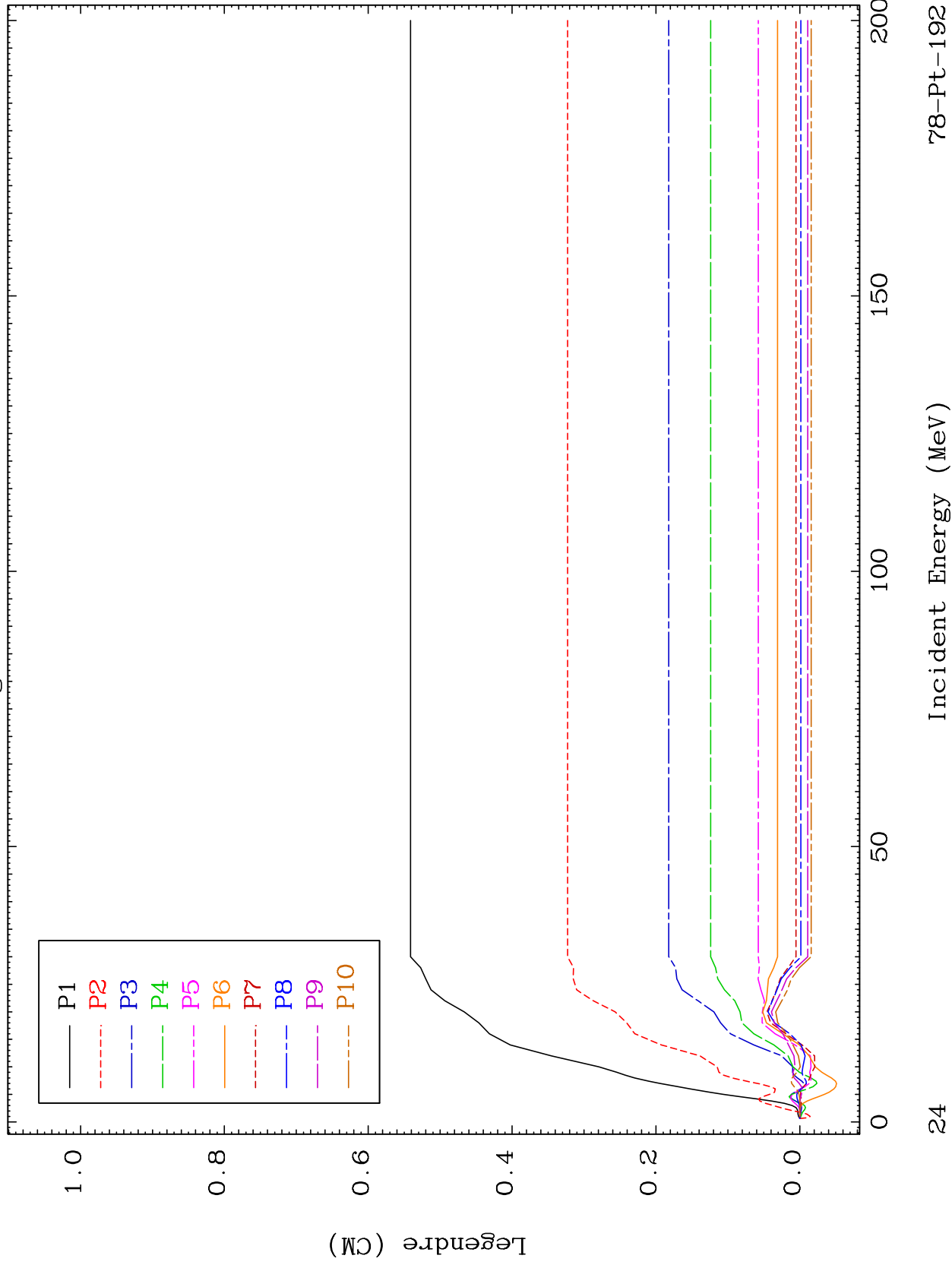


23

MAT 7831

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

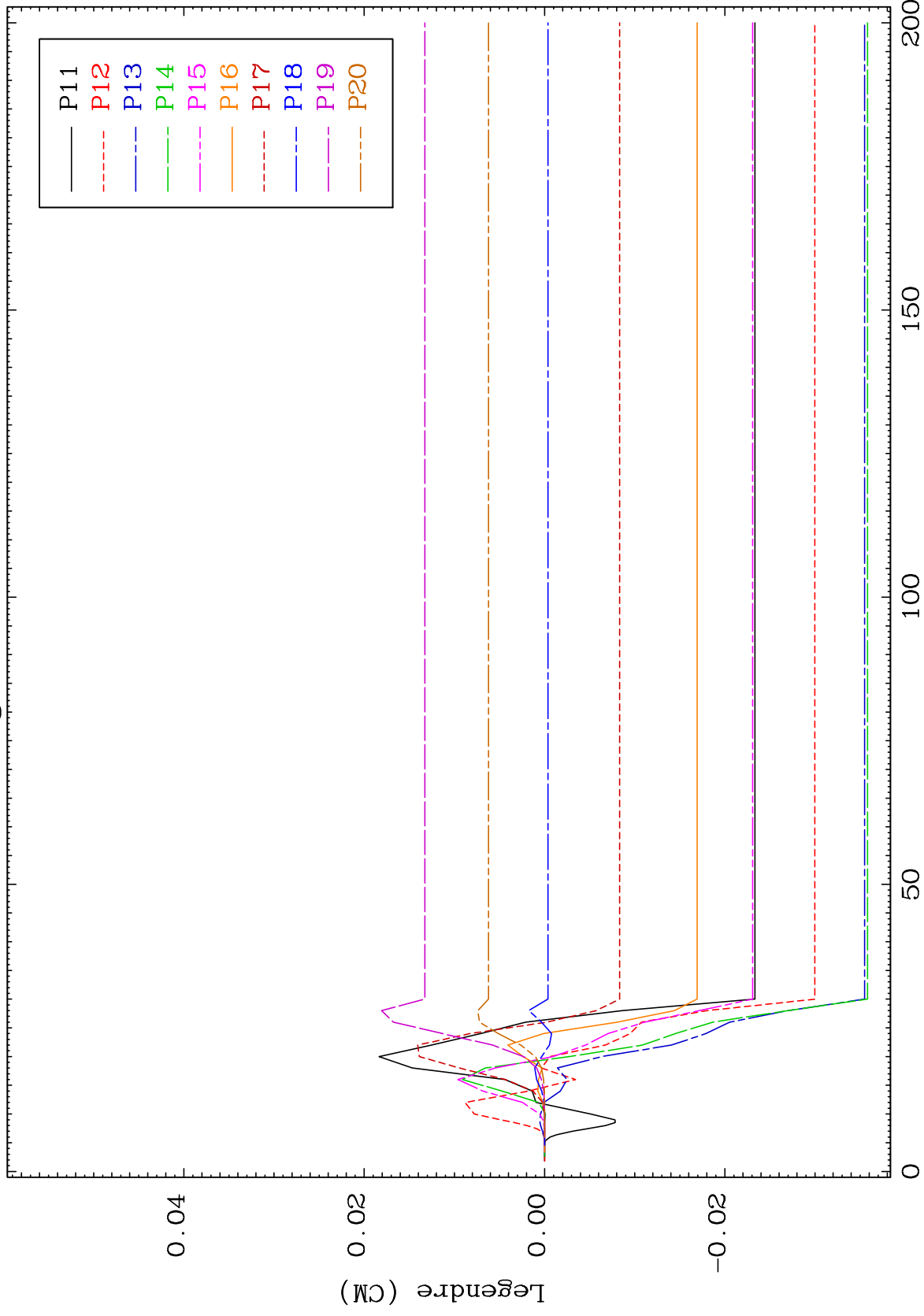
78-Pt-192



MAT 7831

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

78-Pt-192



25

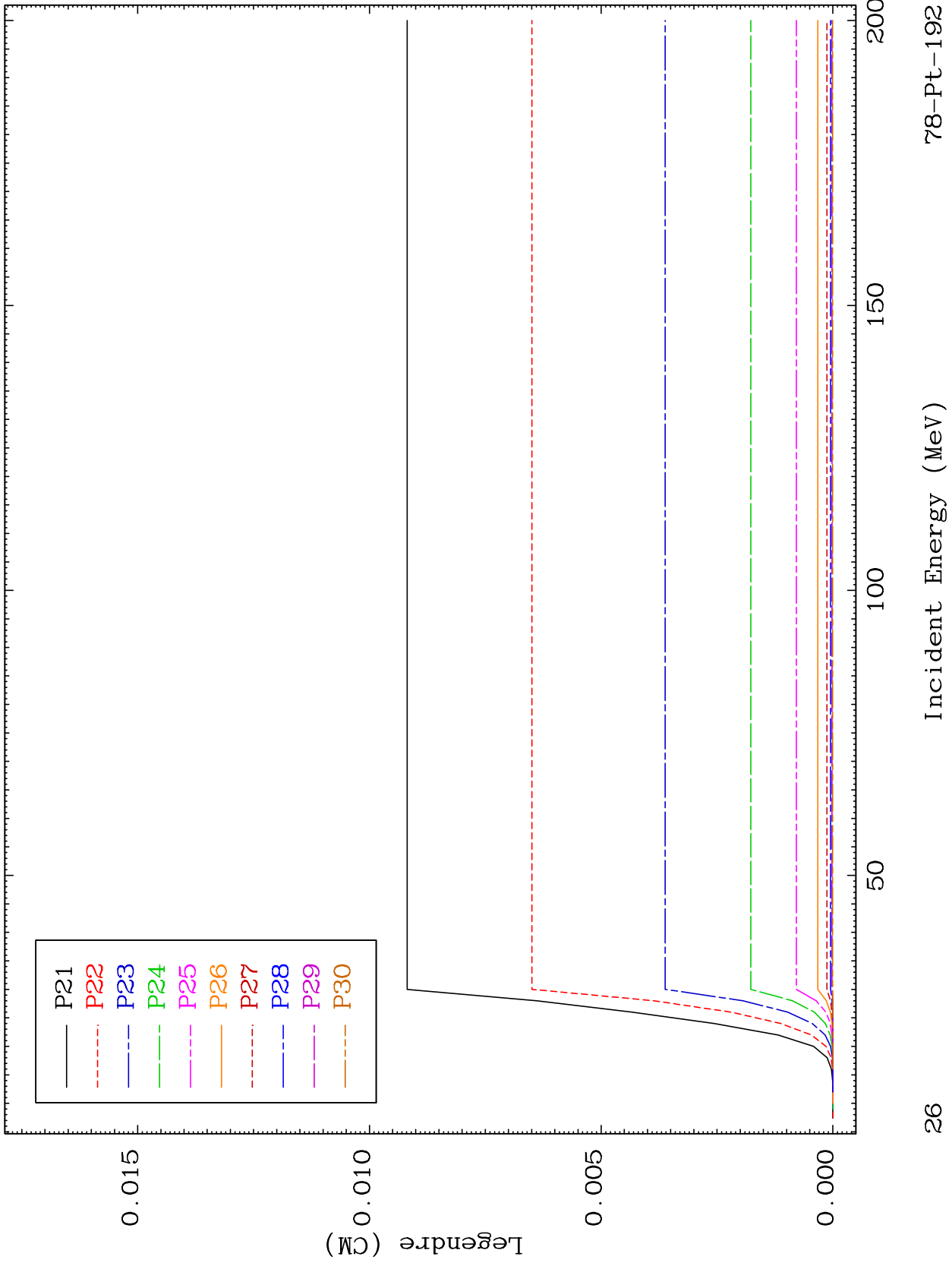
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



26

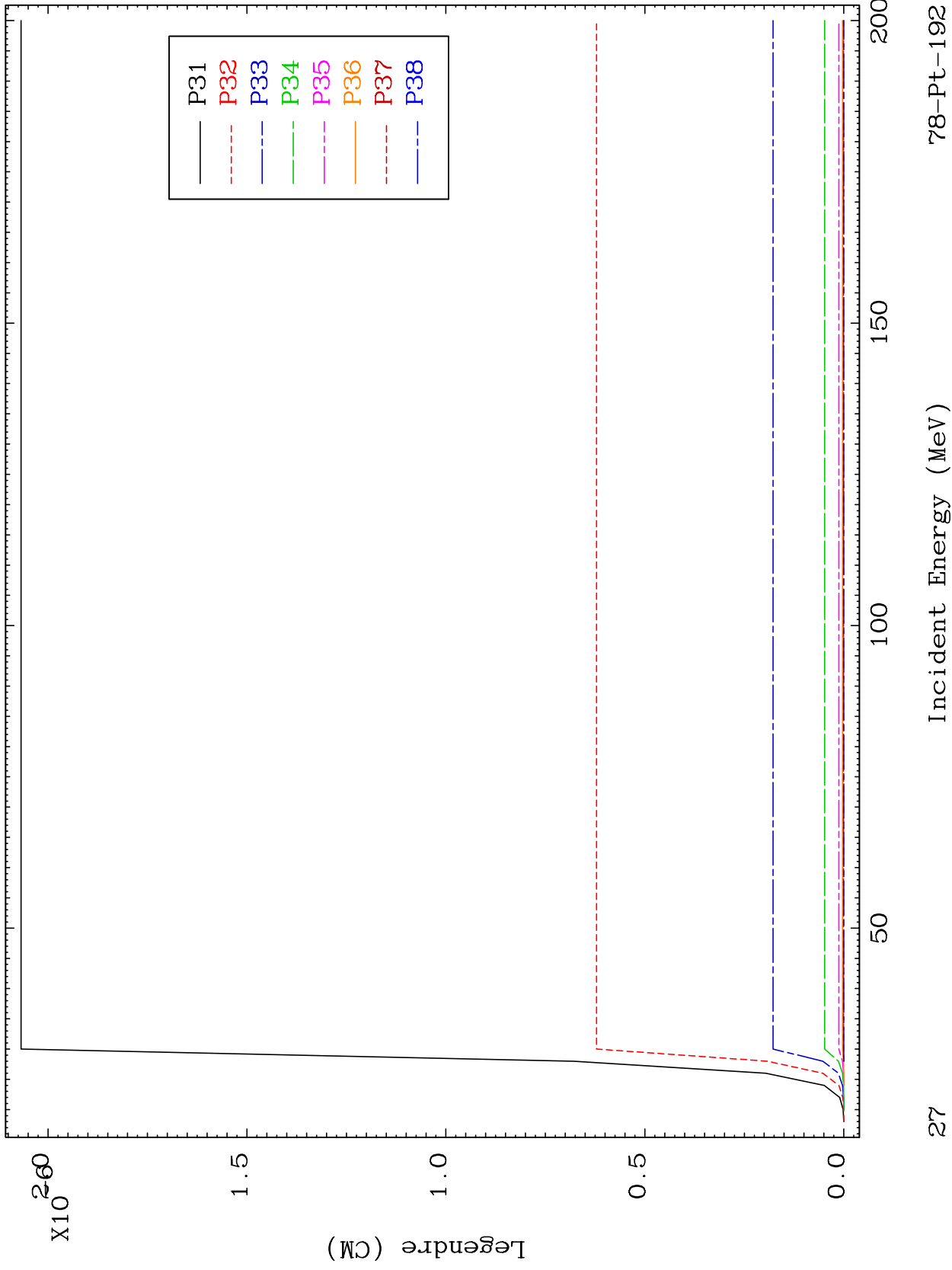
Incident Energy (MeV)

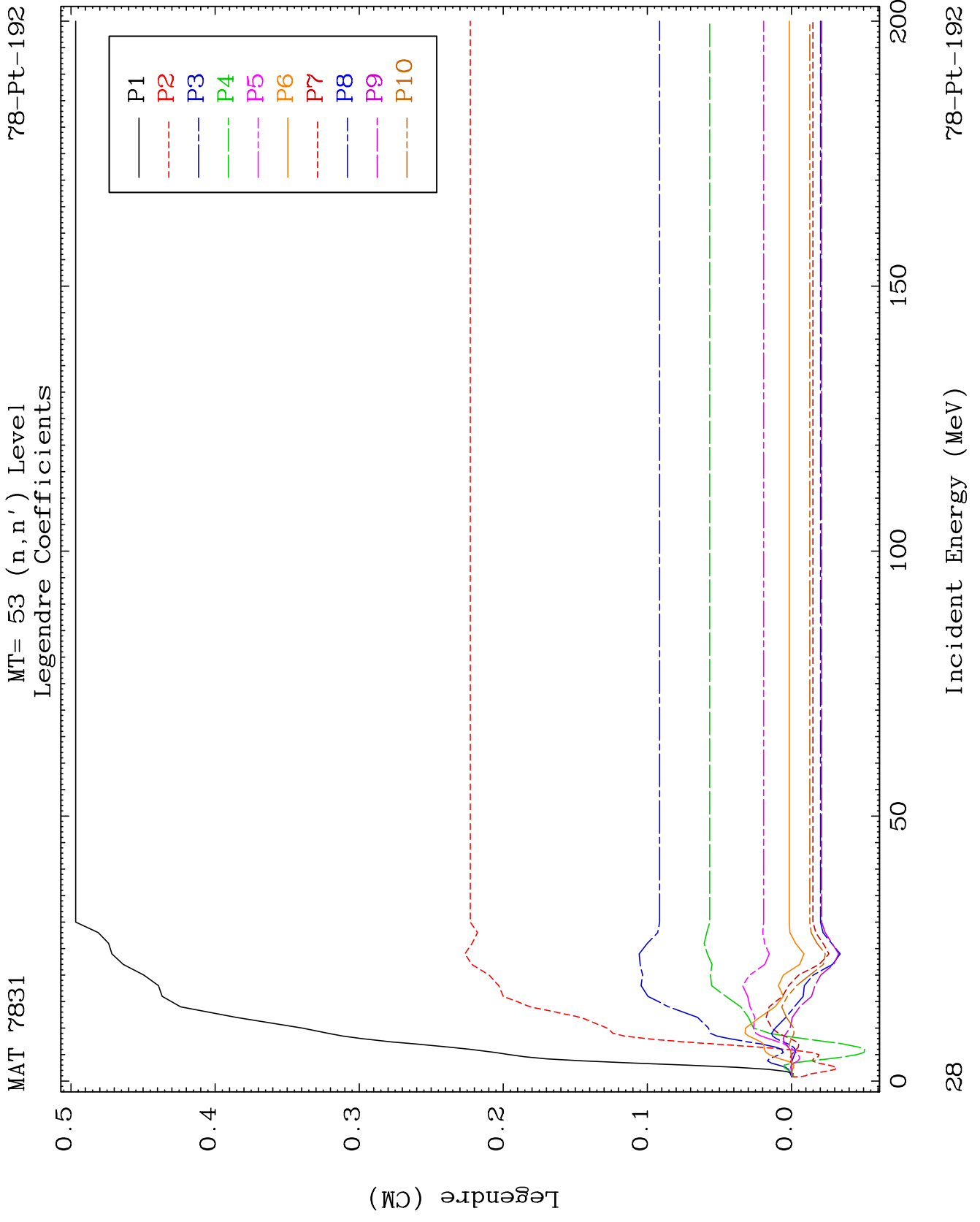
78-Pt-192

MAT 7831

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

78-Pt-192

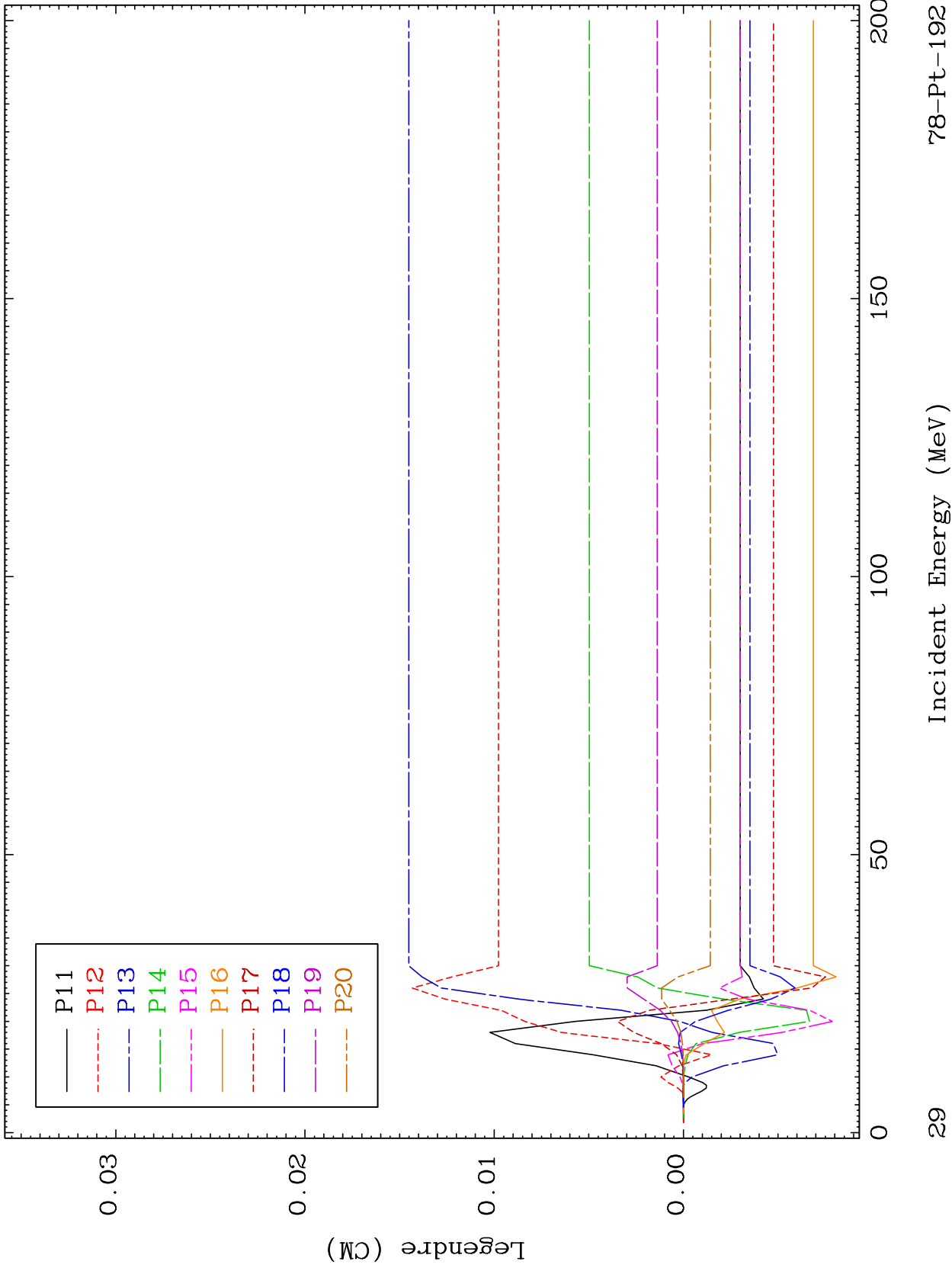




MAT 7831

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

78-Pt-192



29

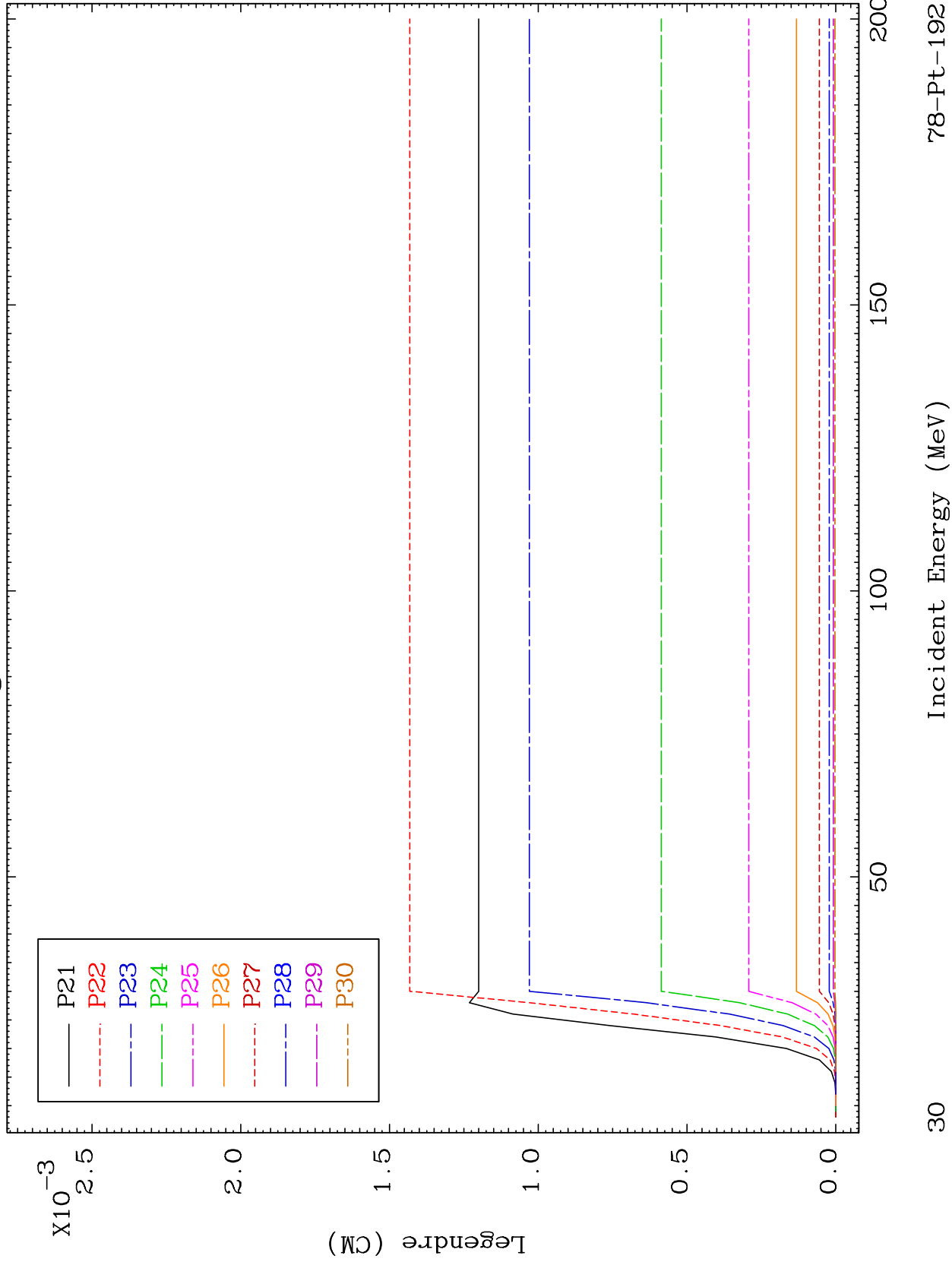
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



78-Pt-192

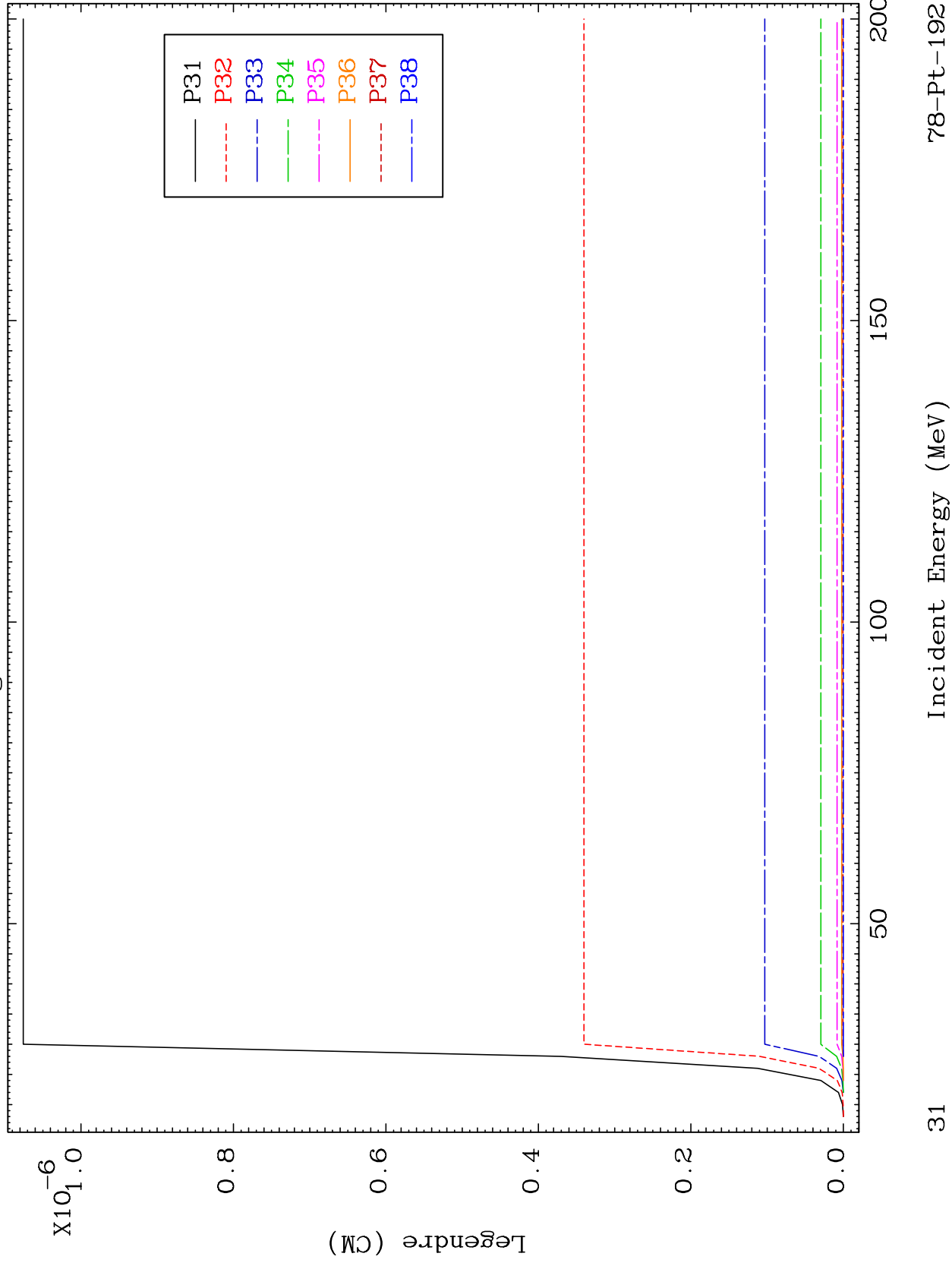
Incident Energy (MeV)

30

MAT 7831

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

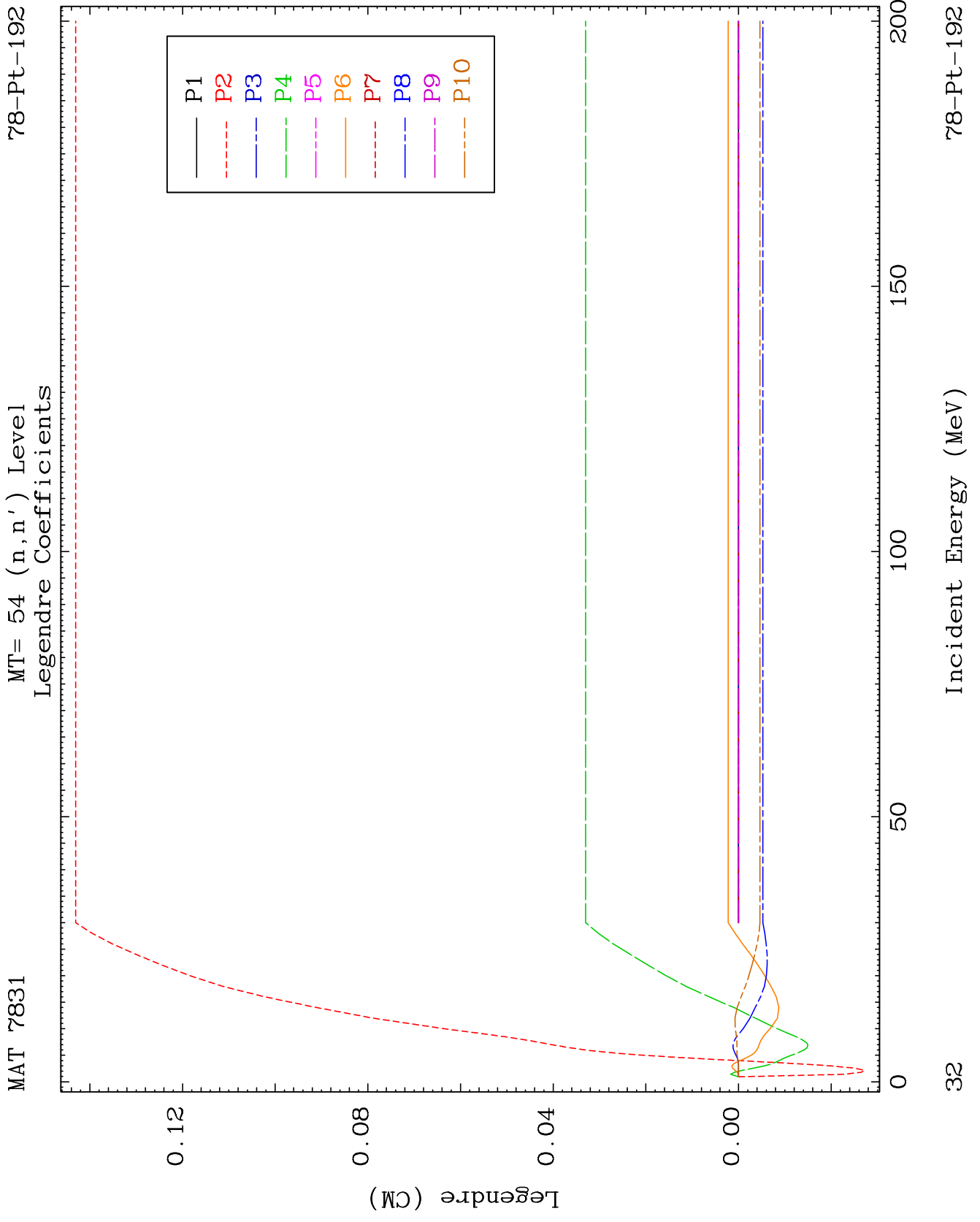
78-Pt-192



31

Incident Energy (MeV)

78-Pt-192



78-Pt-192

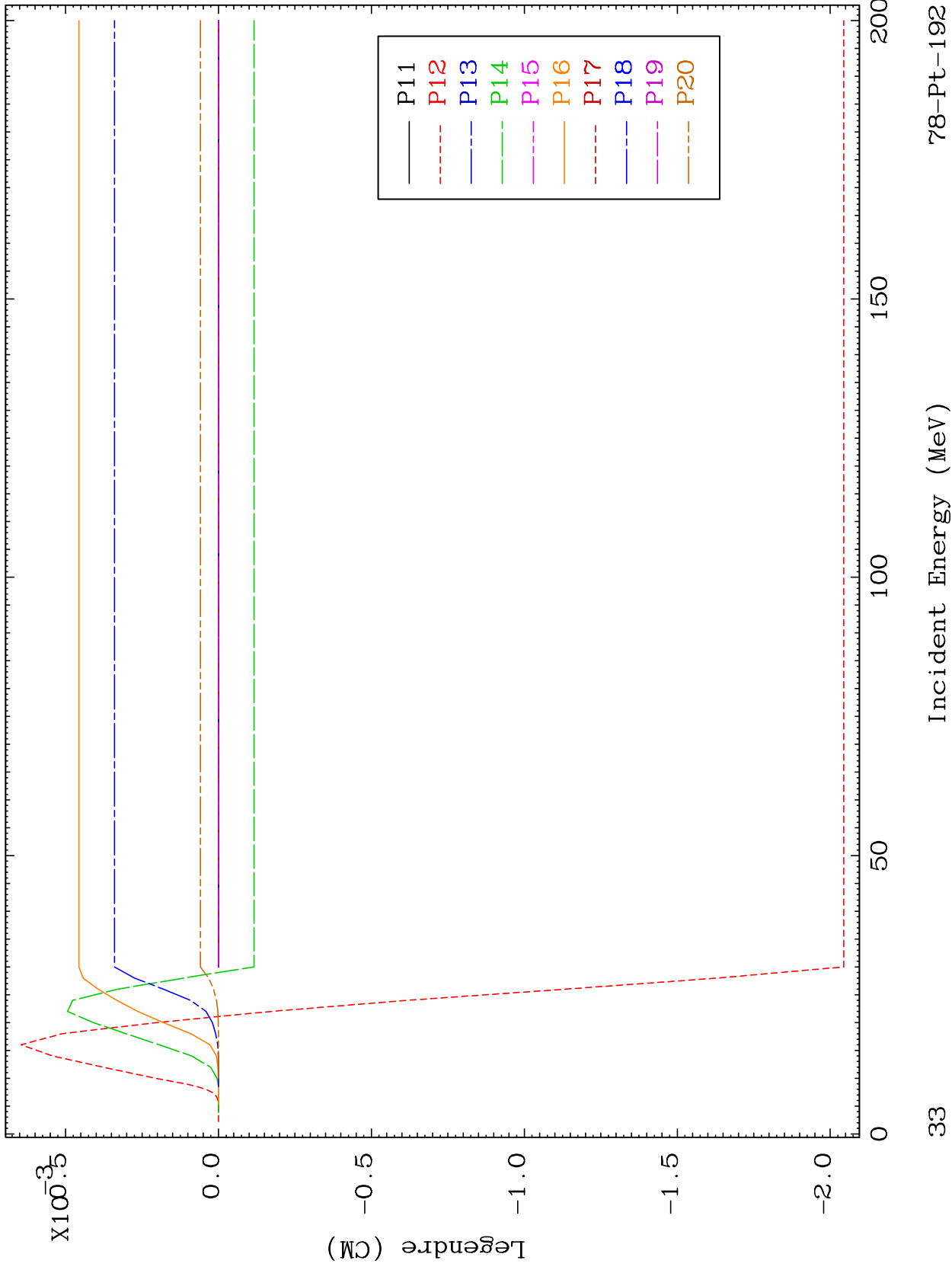
Incident Energy (MeV)

32

MAT 7831

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

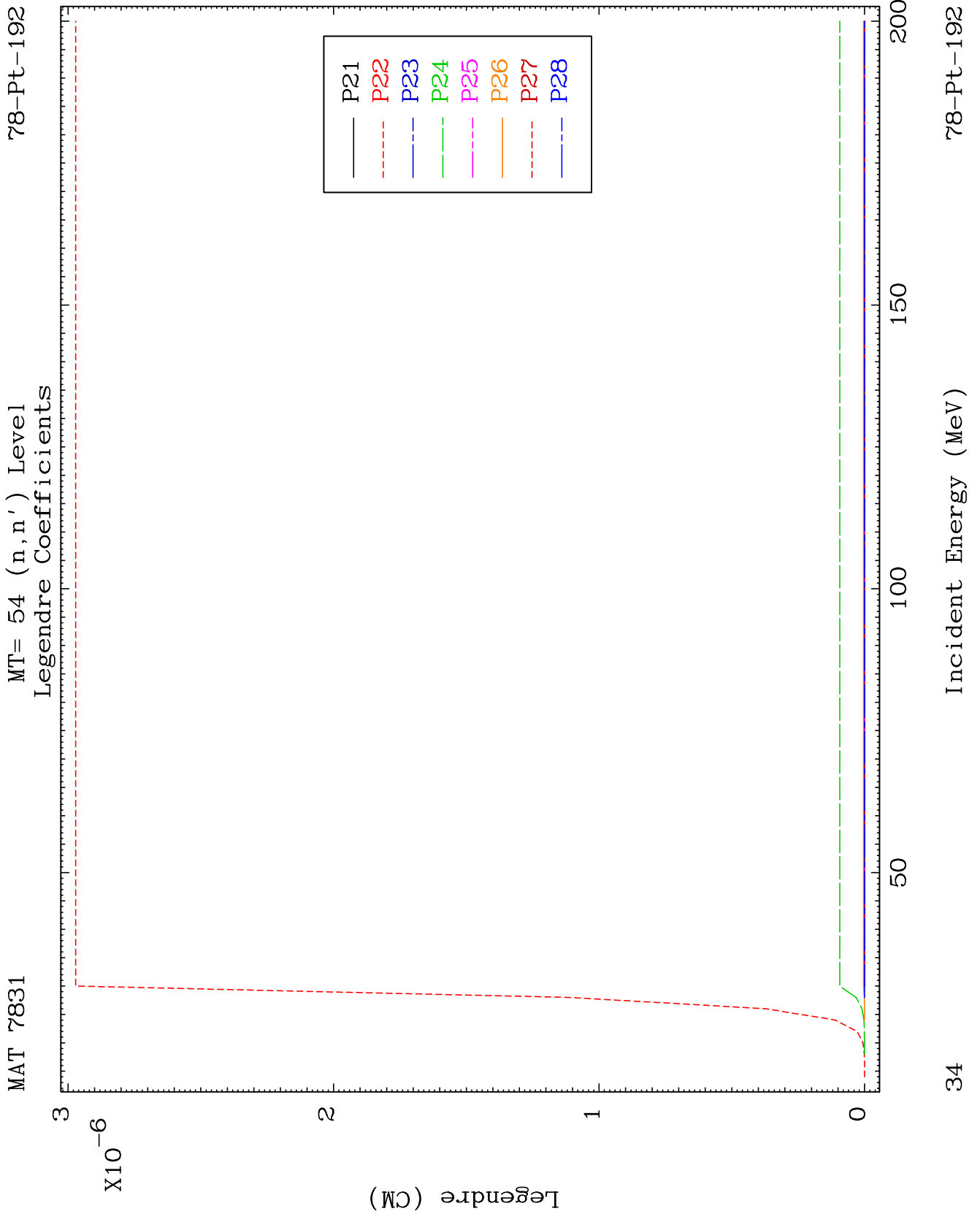
78-Pt-192



33

Incident Energy (MeV)

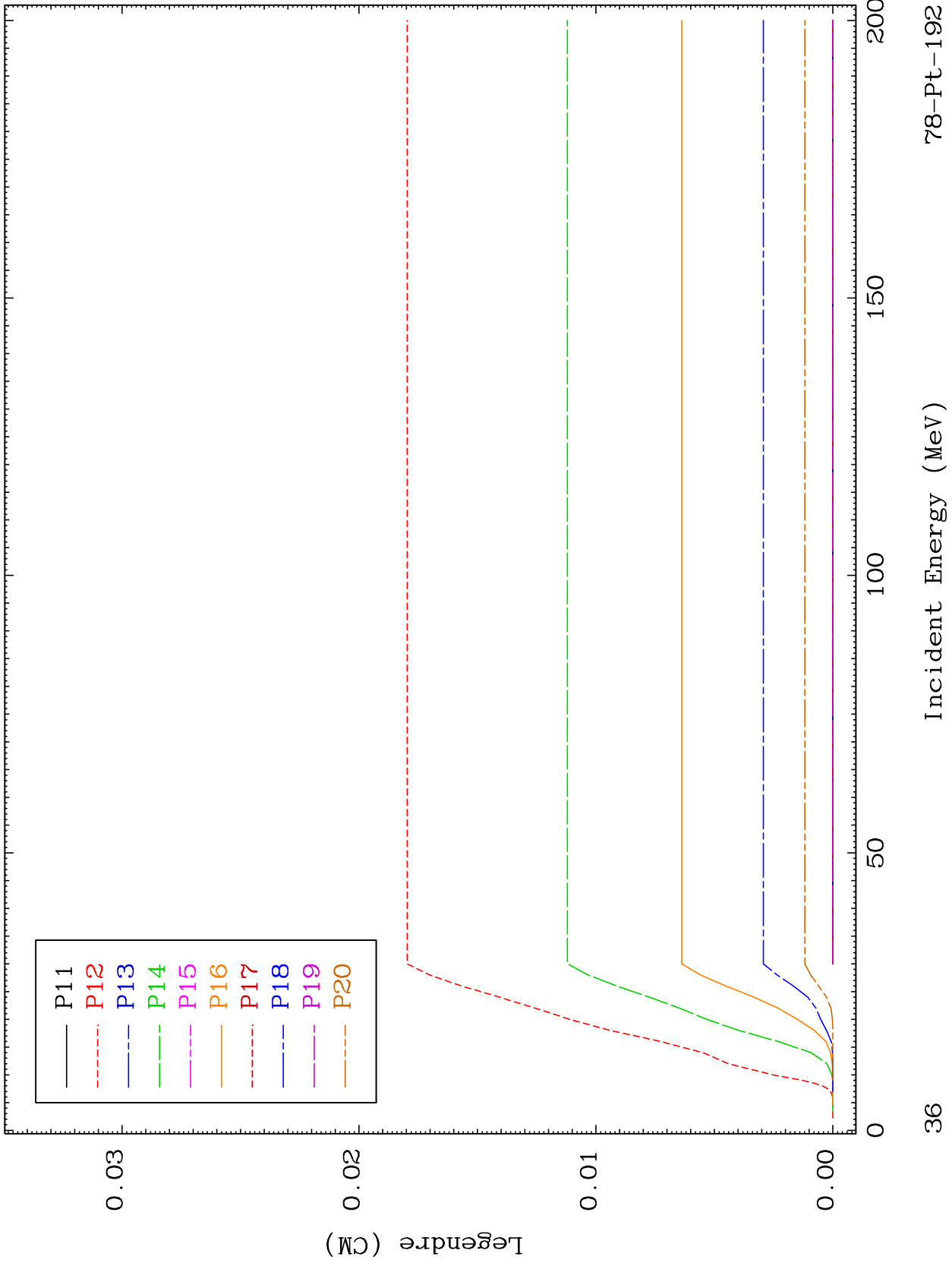
78-Pt-192



MAT 7831

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

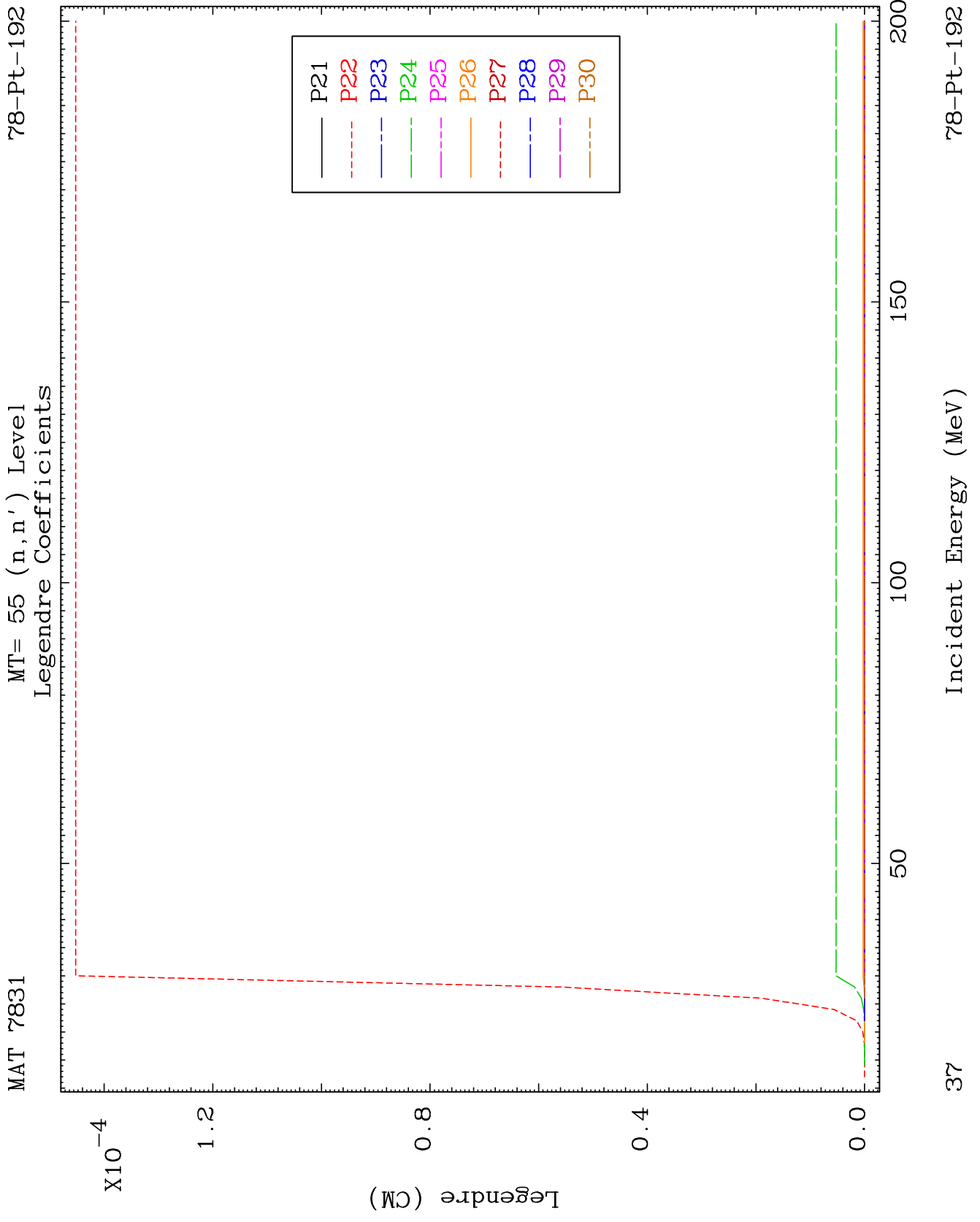
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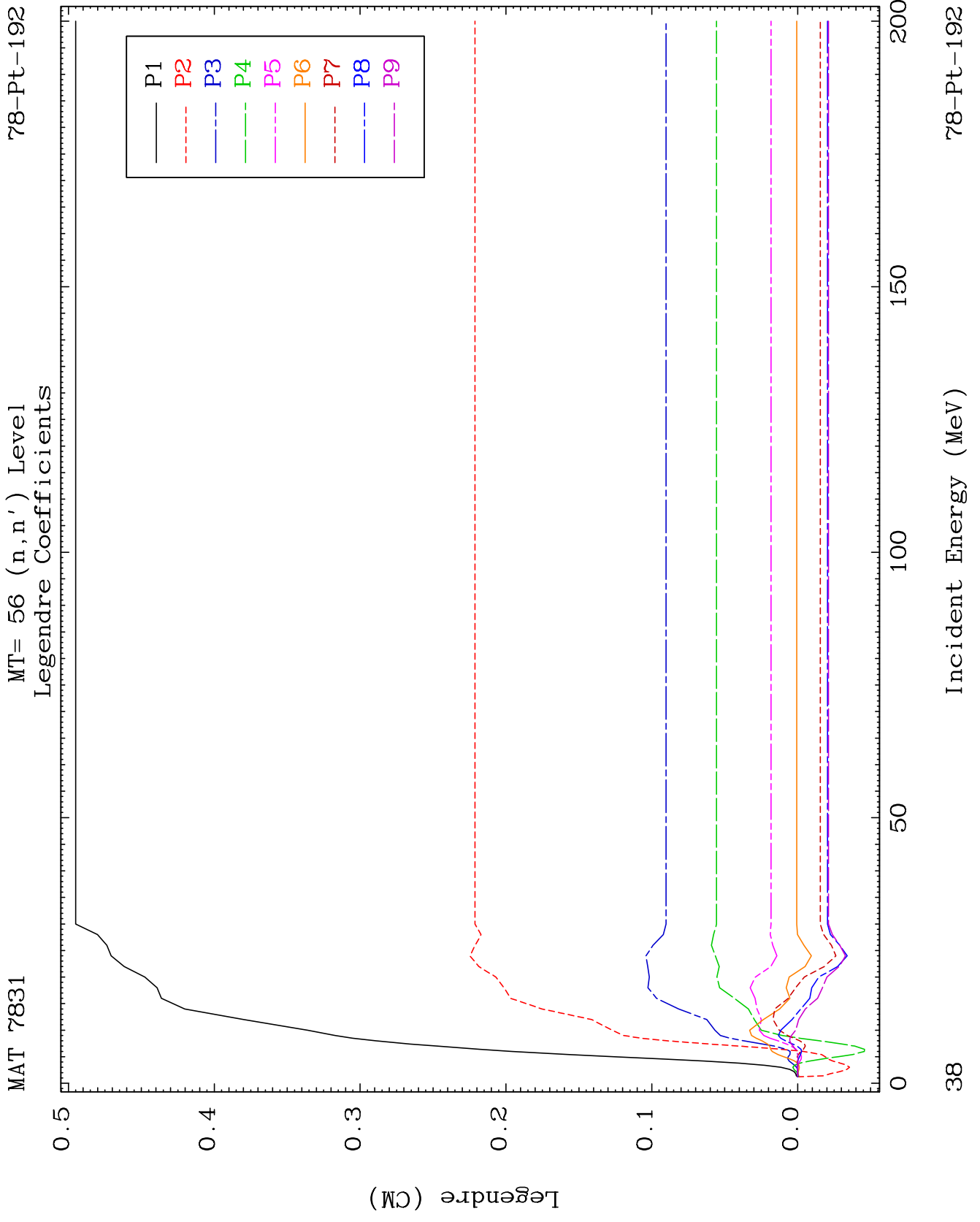


36

Incident Energy (MeV)

78-Pt-192

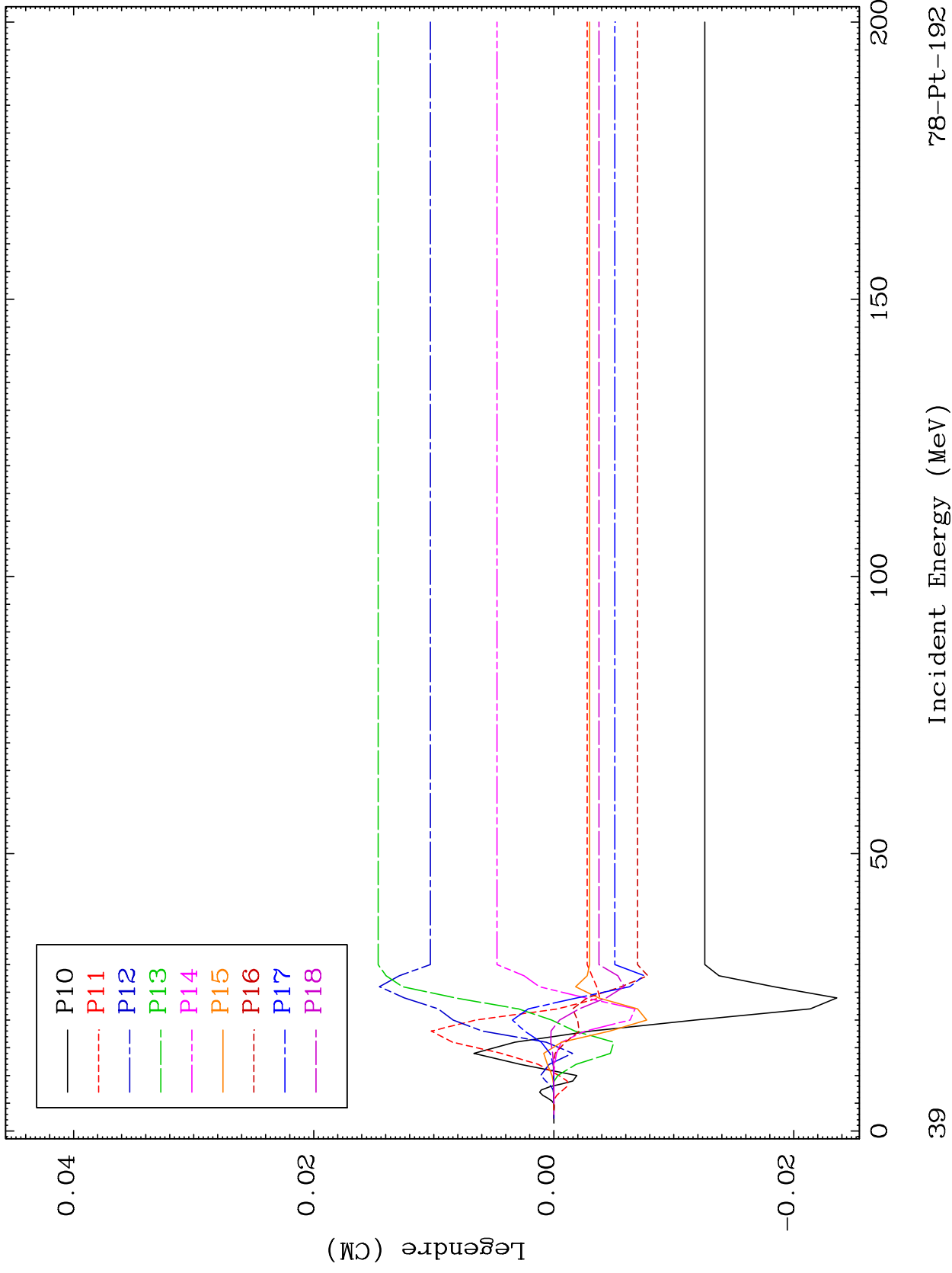




MAT 7831

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

78-Pt-192



39

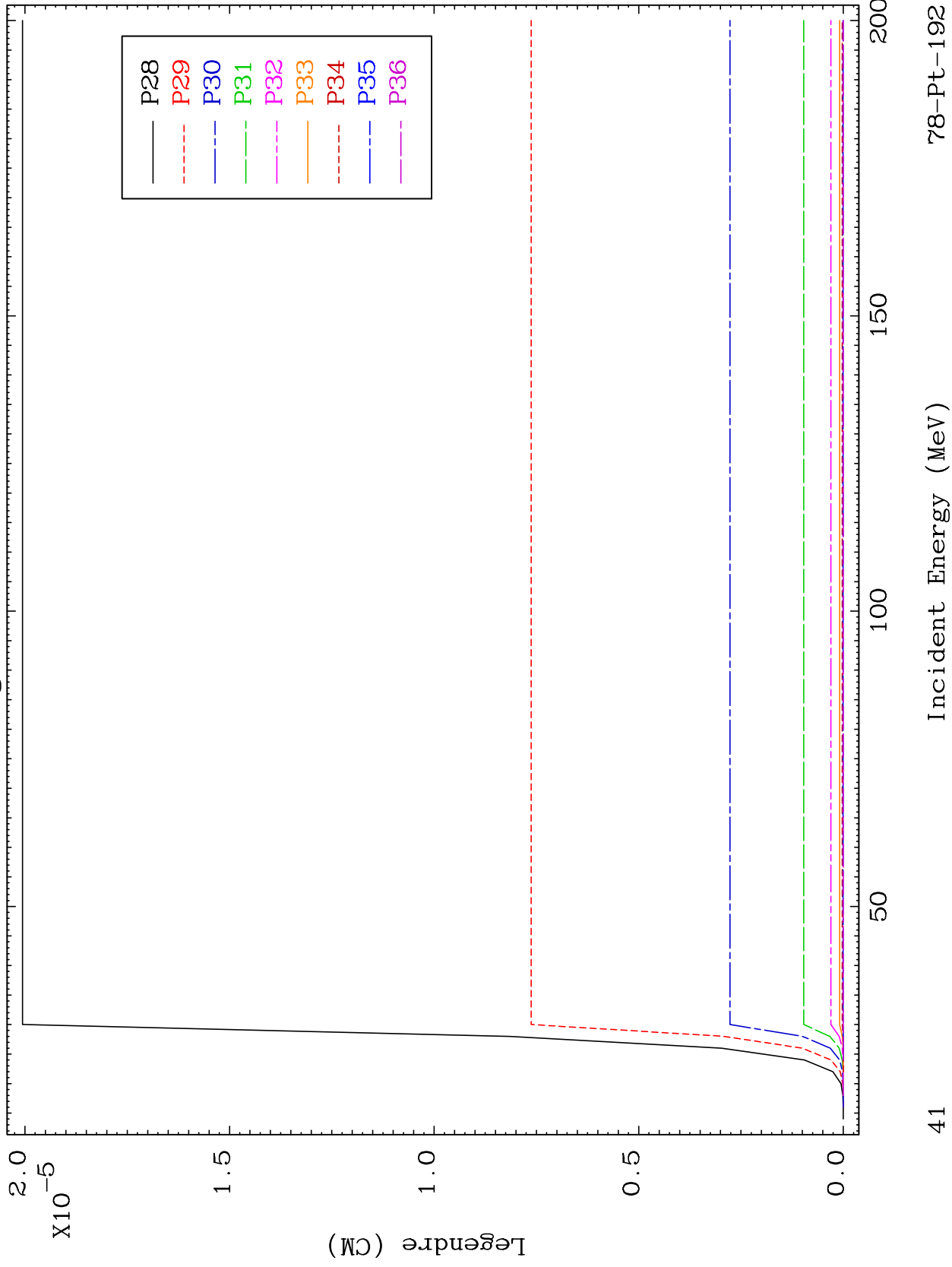
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



41

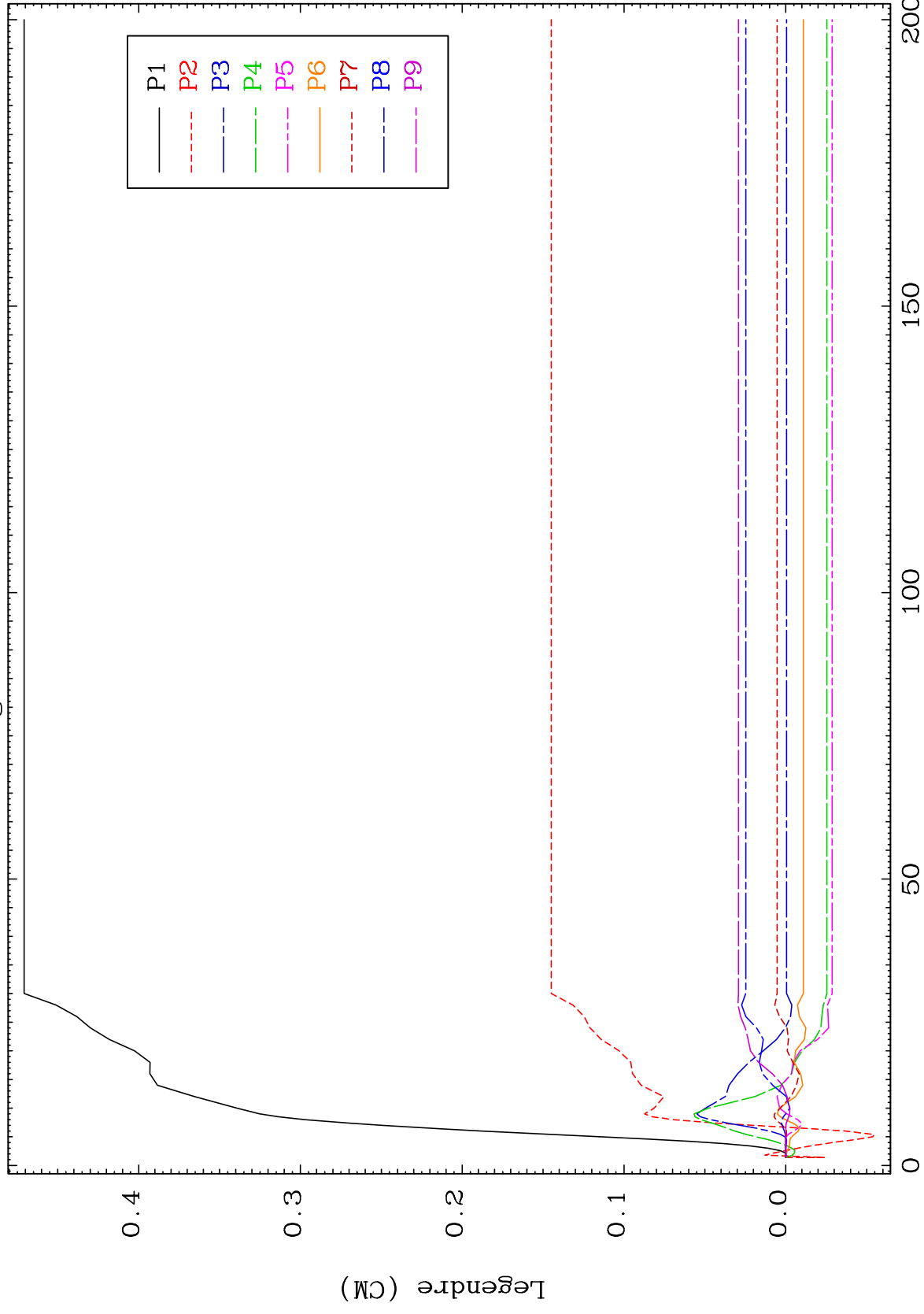
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



42

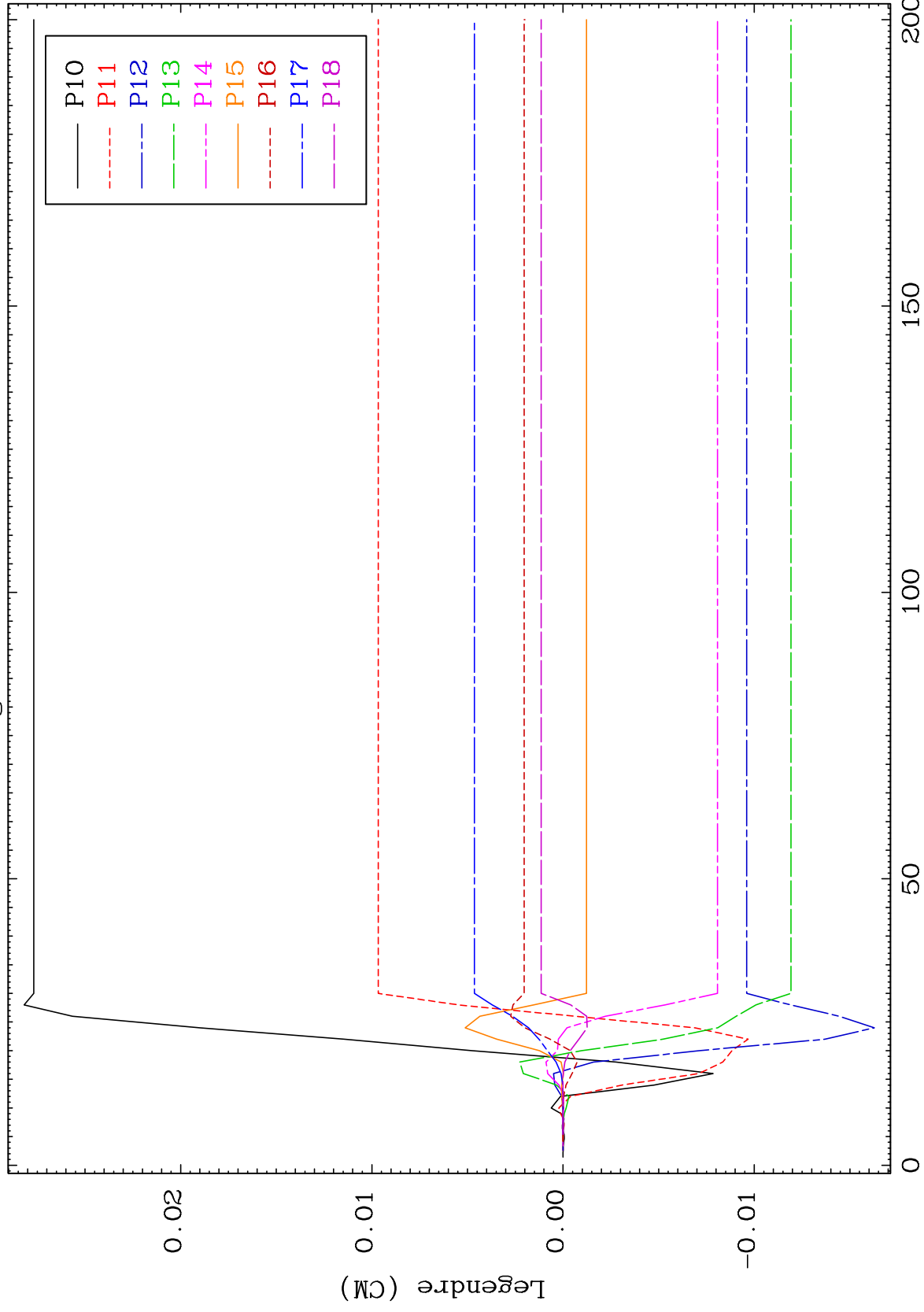
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



43

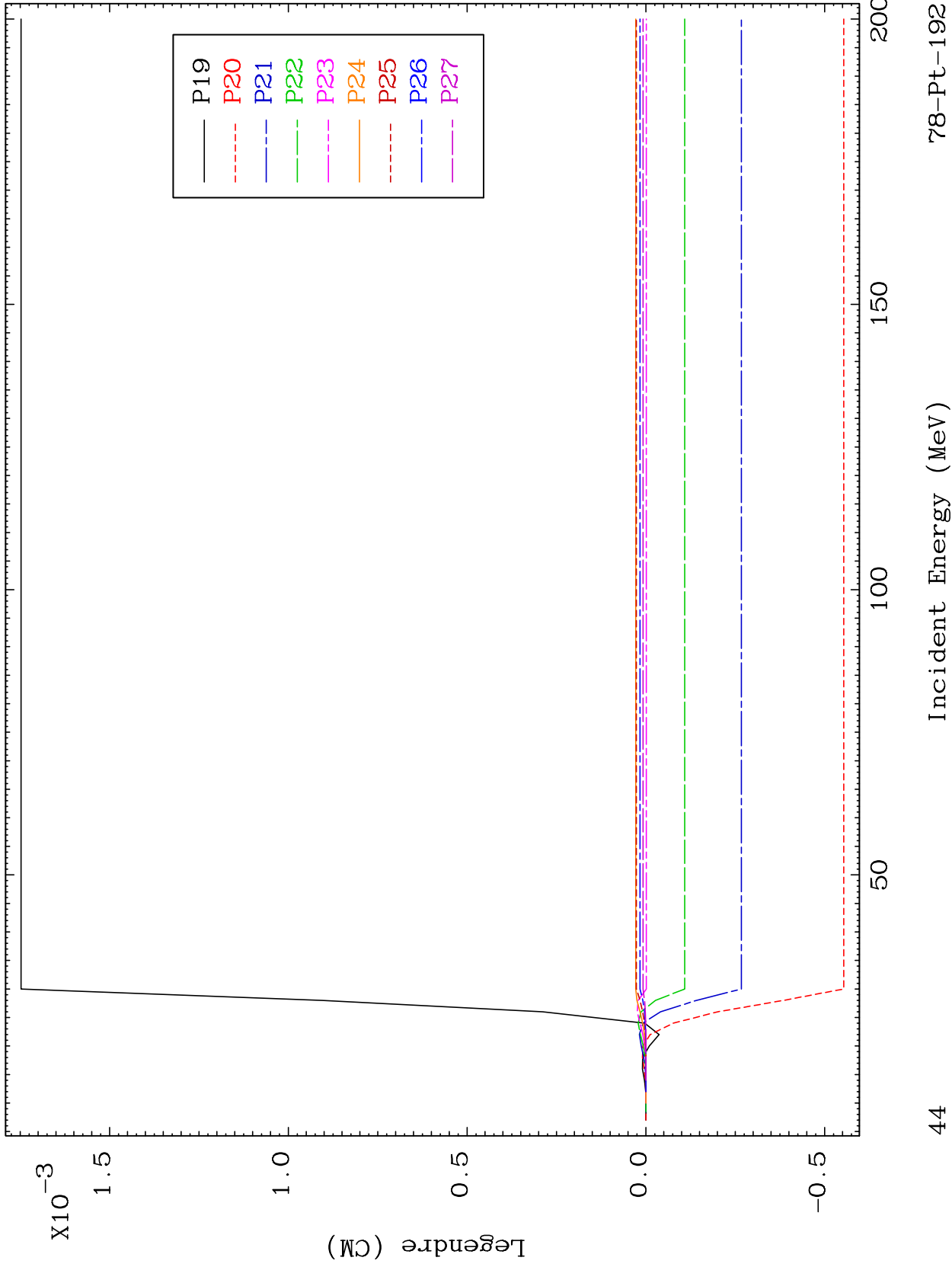
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



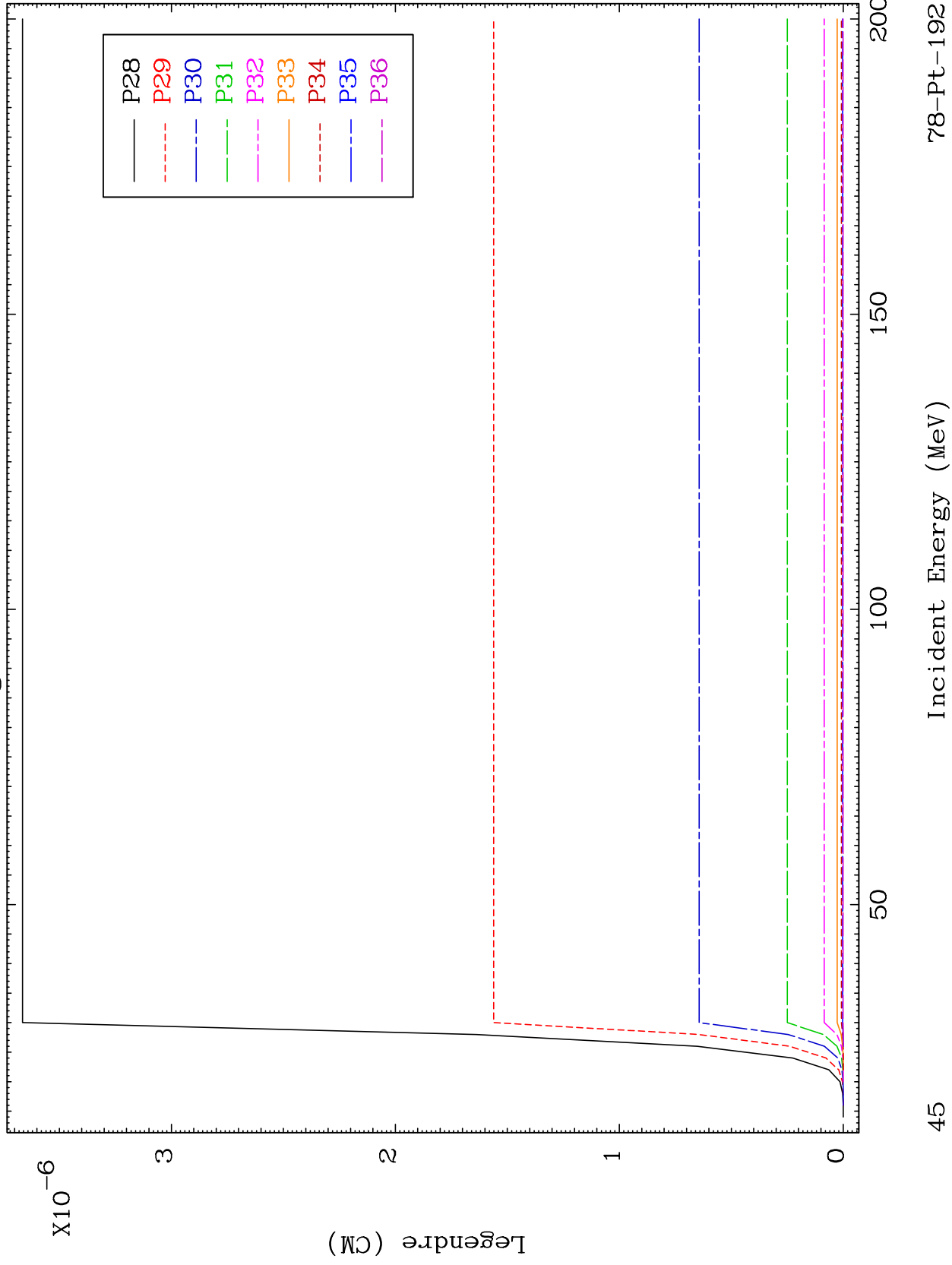
44

78-Pt-192

MAT 7831

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

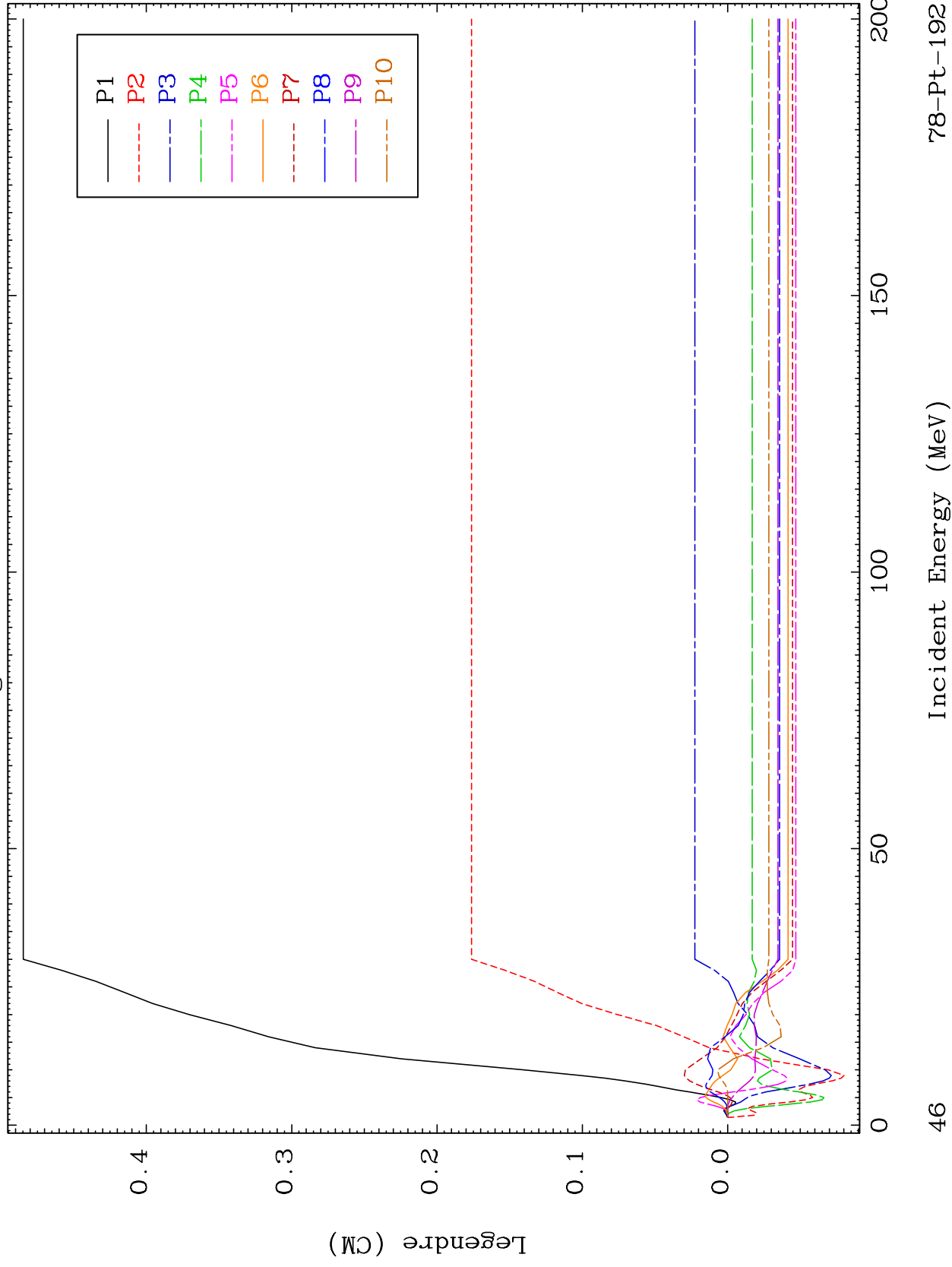
78-Pt-192



MAT 7831

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

78-Pt-192



78-Pt-192

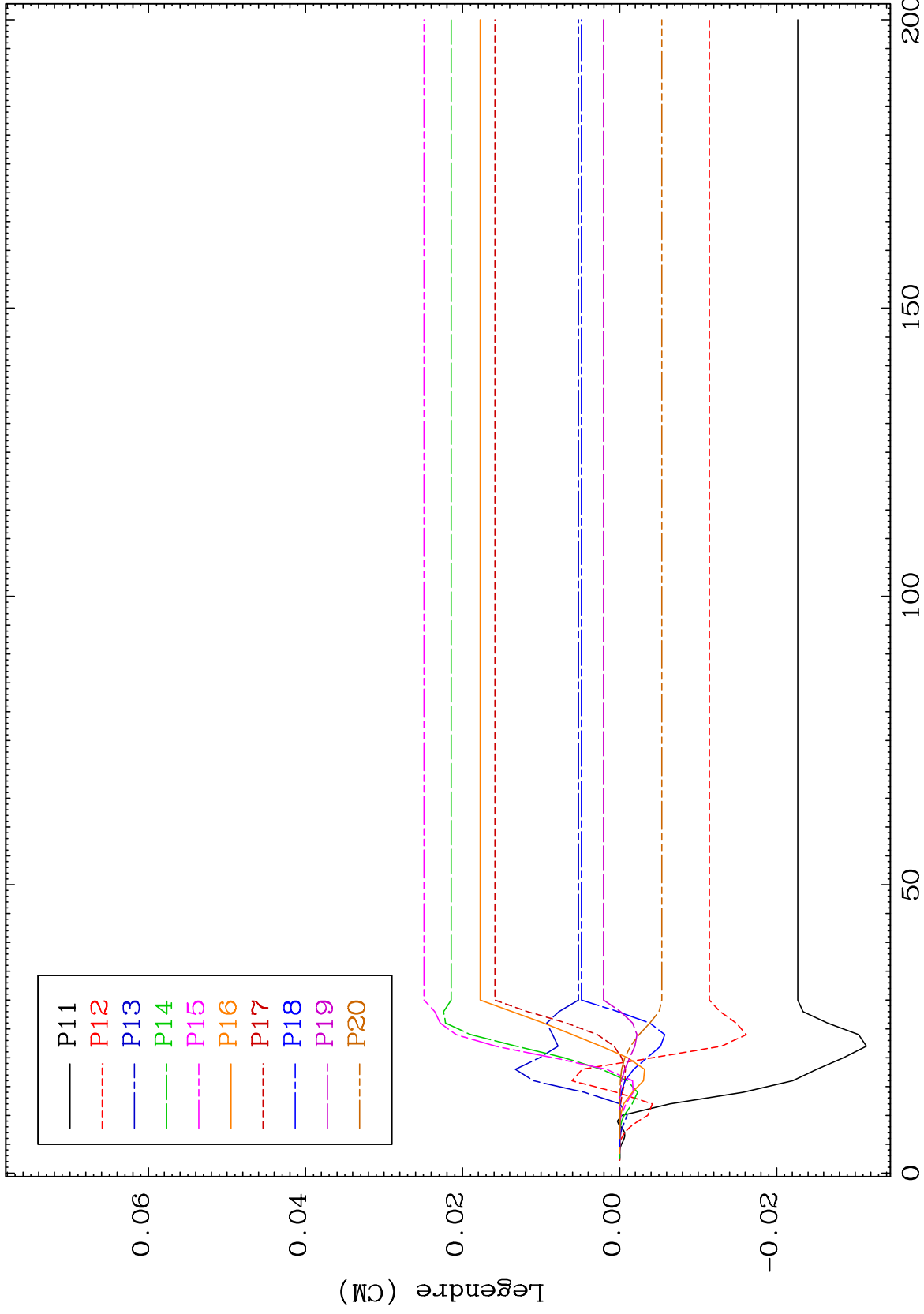
Incident Energy (MeV)

46

MAT 7831

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

78-Pt-192



47

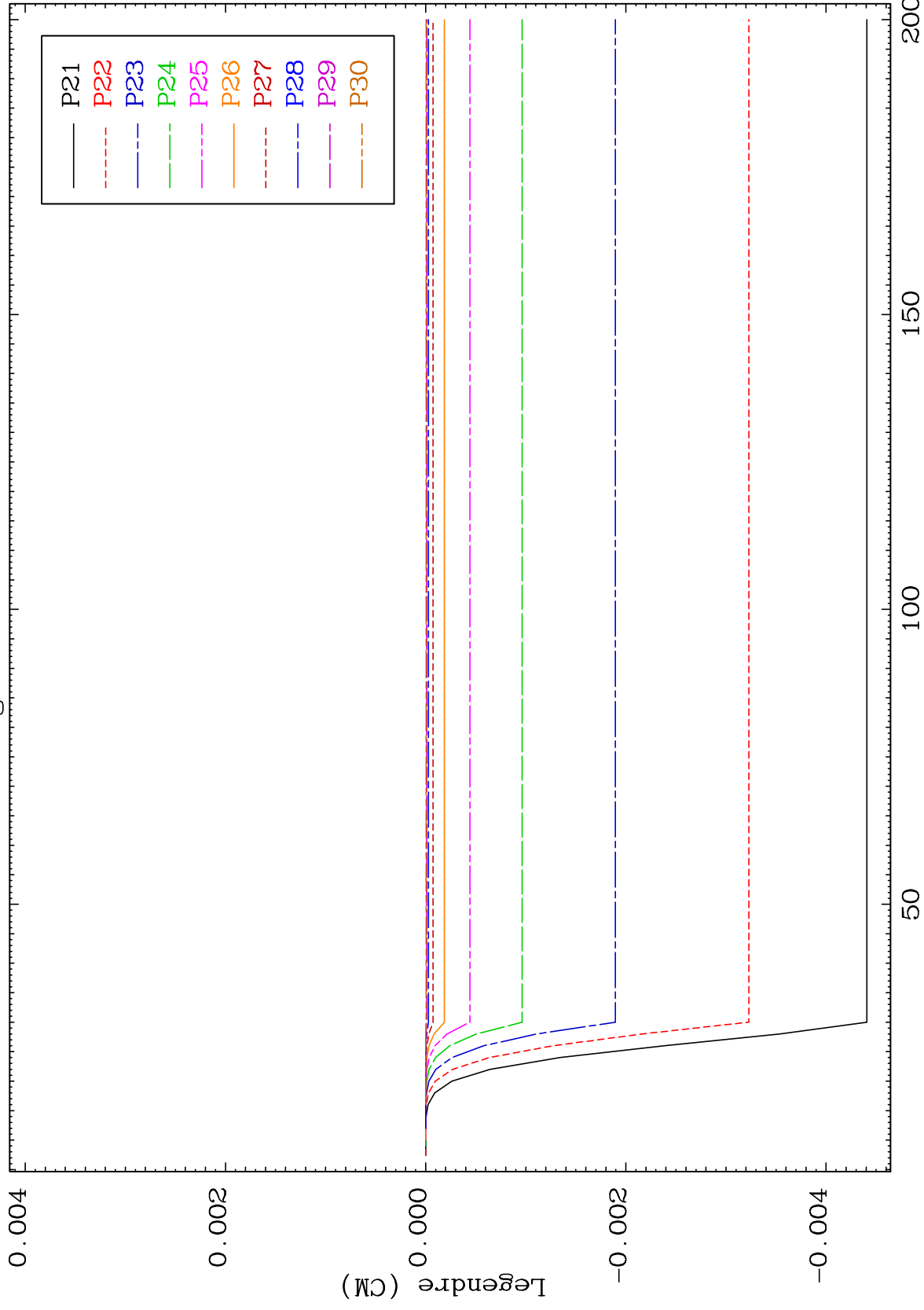
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

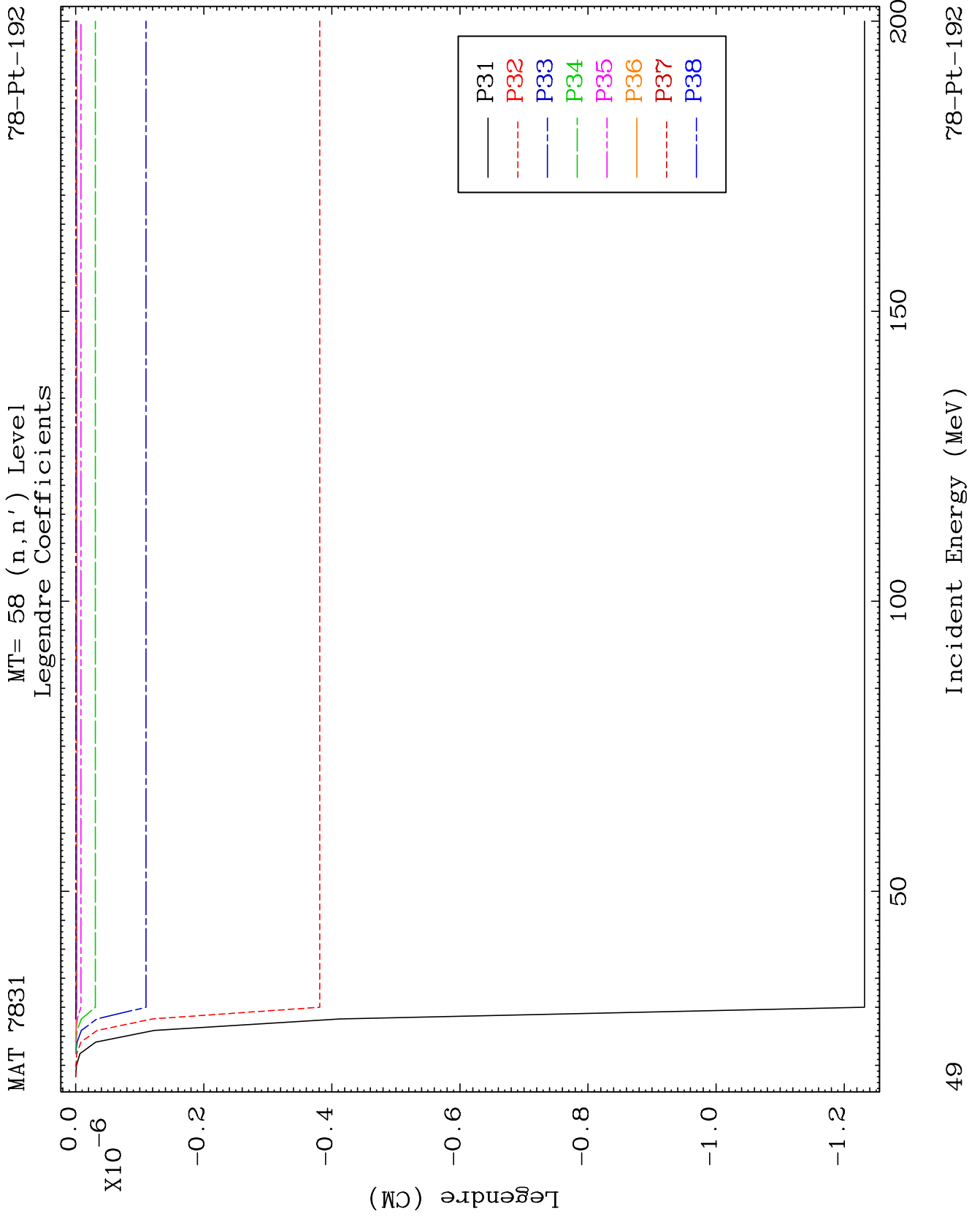
78-Pt-192



48

Incident Energy (MeV)

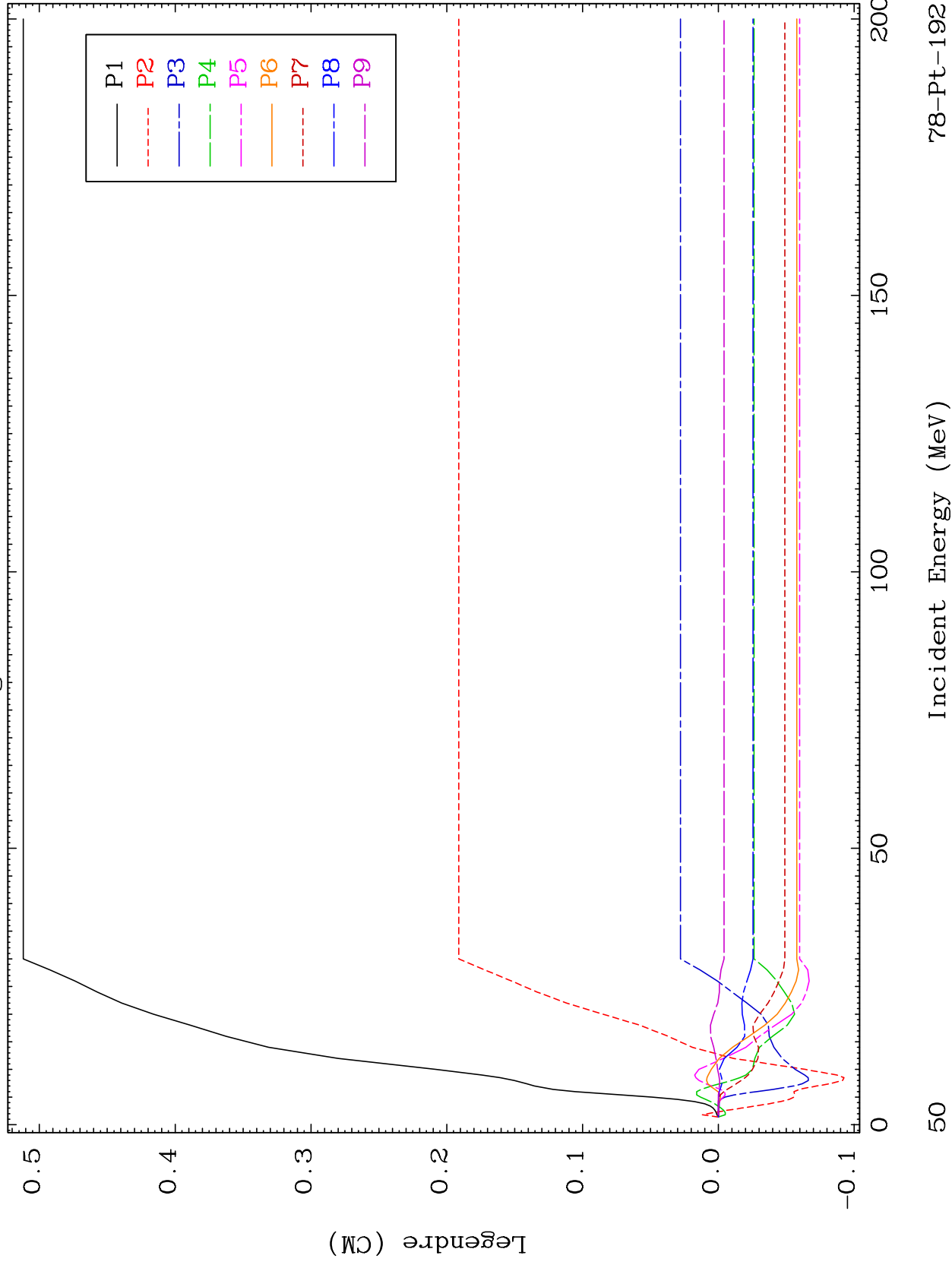
78-Pt-192



MAT 7831

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

78-Pt-192

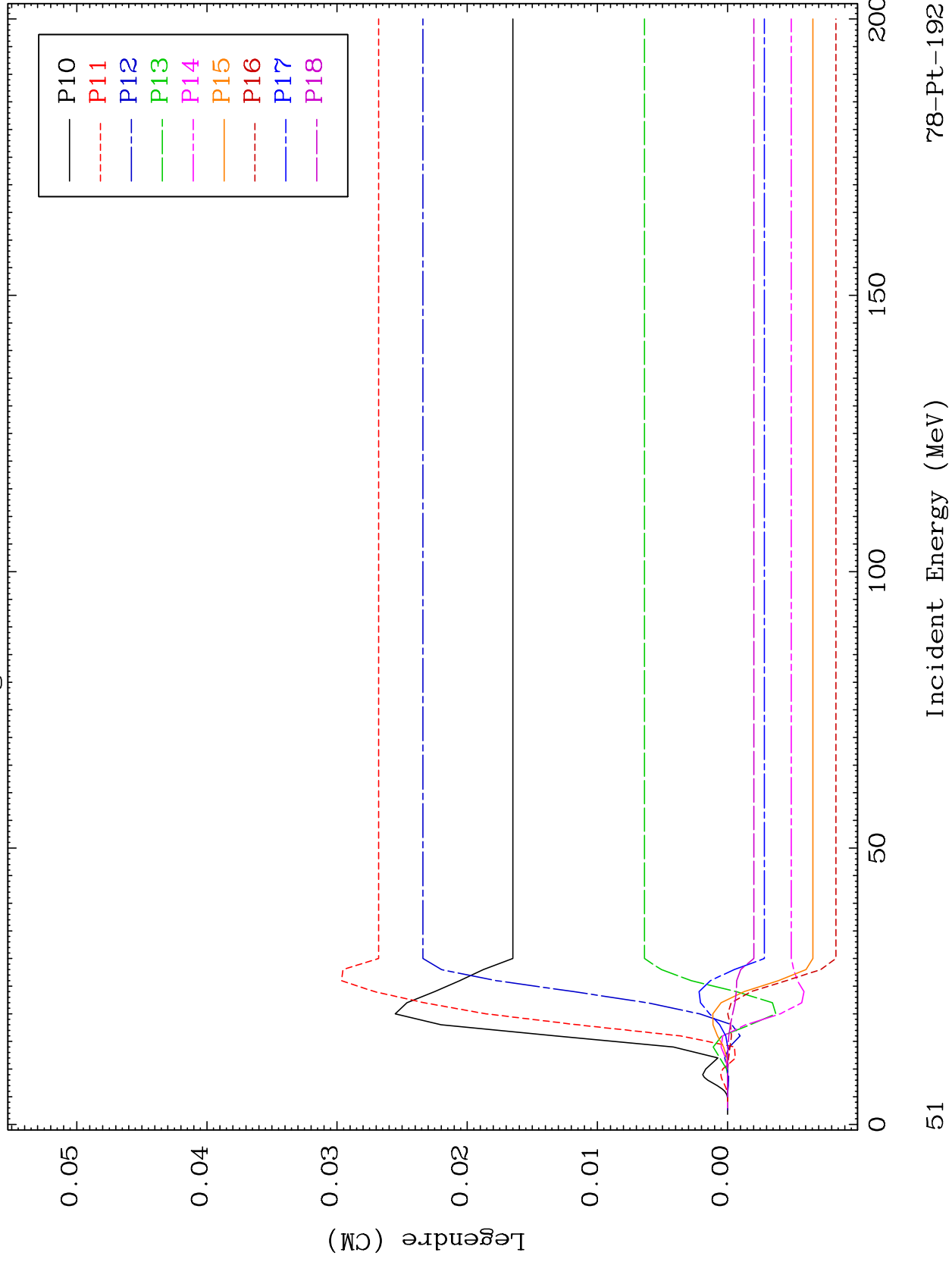


78-Pt-192

MAT 7831

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

78-Pt-192



51

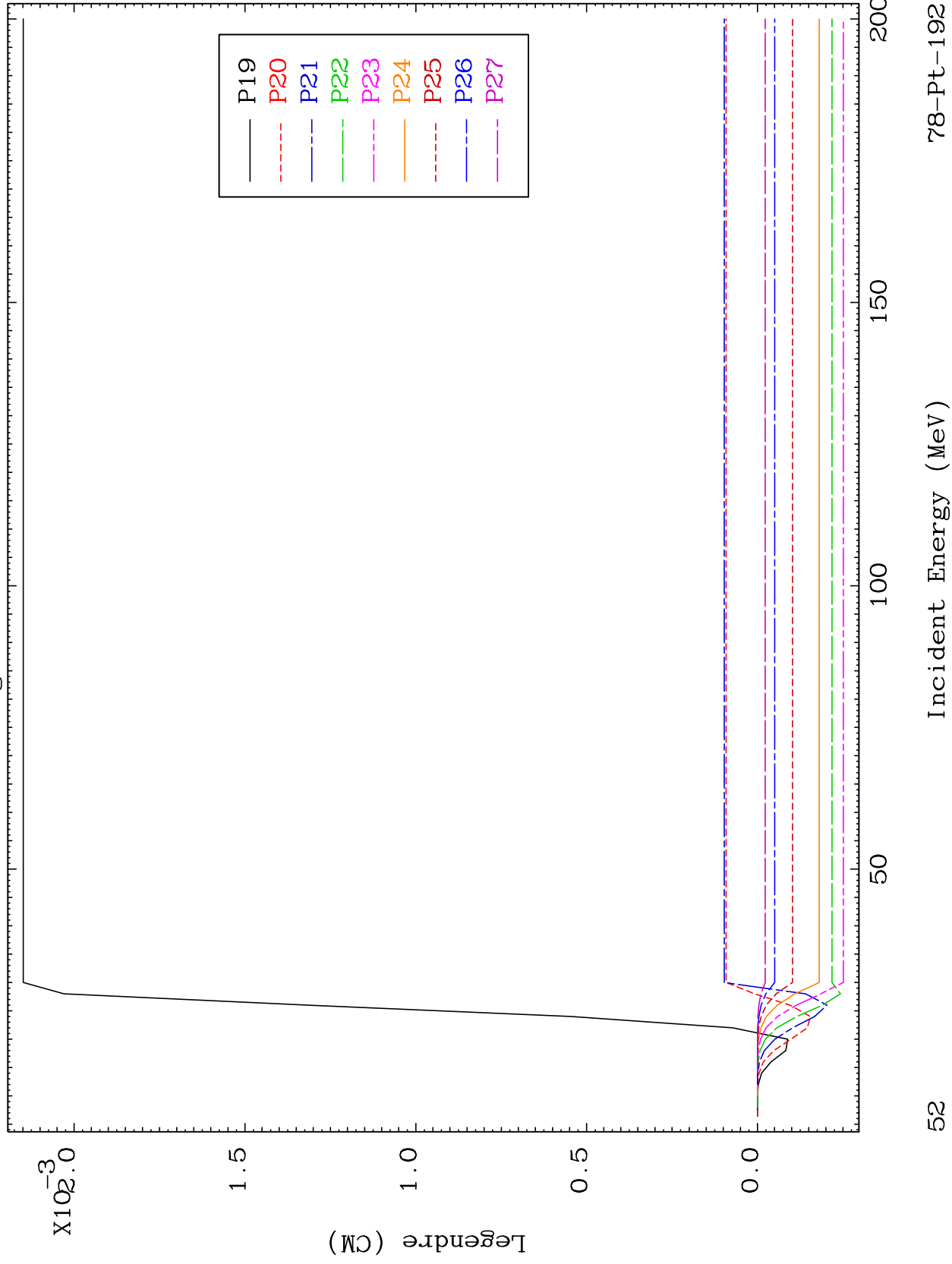
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

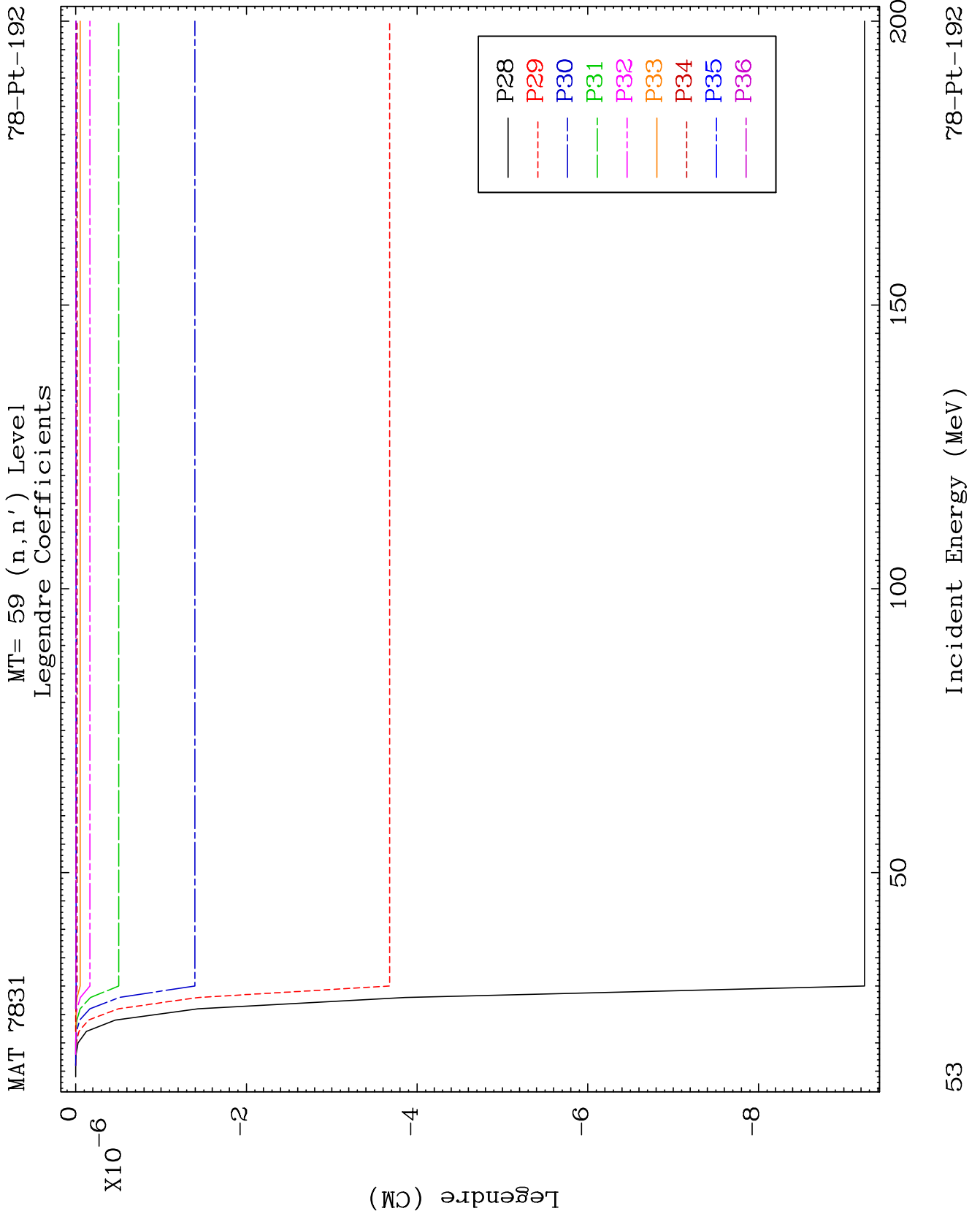
78-Pt-192



52

Incident Energy (MeV)

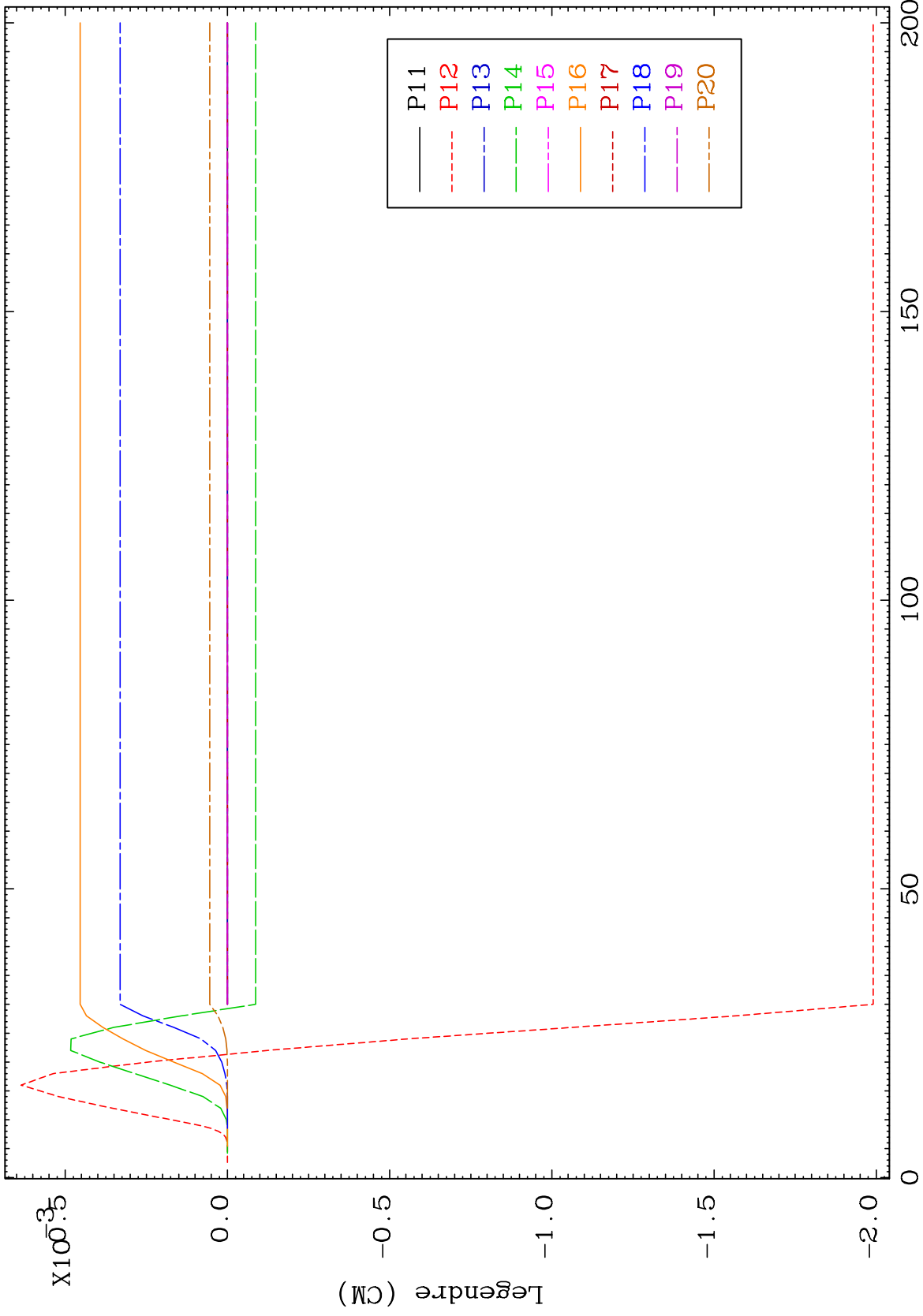
78-Pt-192



MAT 7831

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

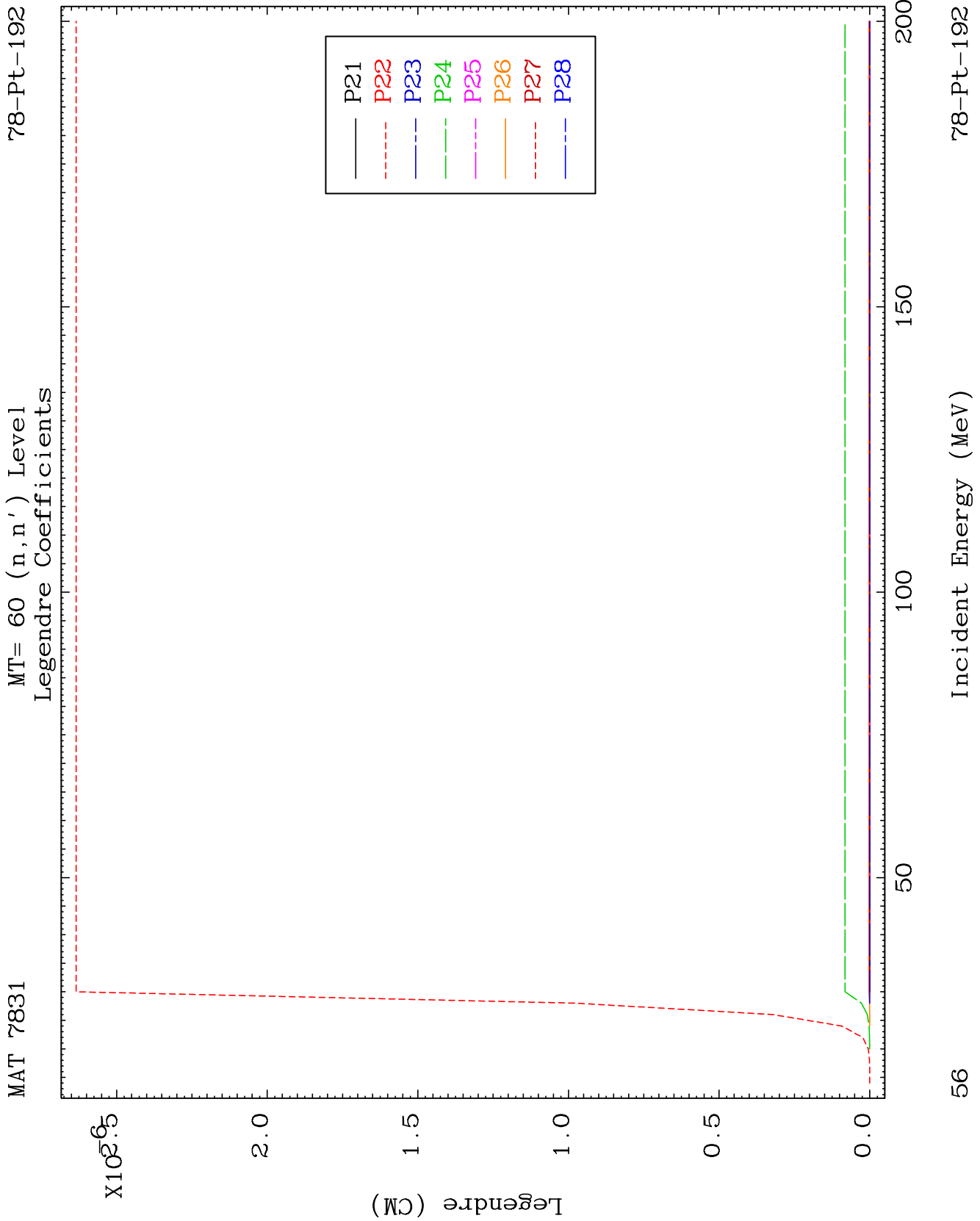
78-Pt-192



55

Incident Energy (MeV)

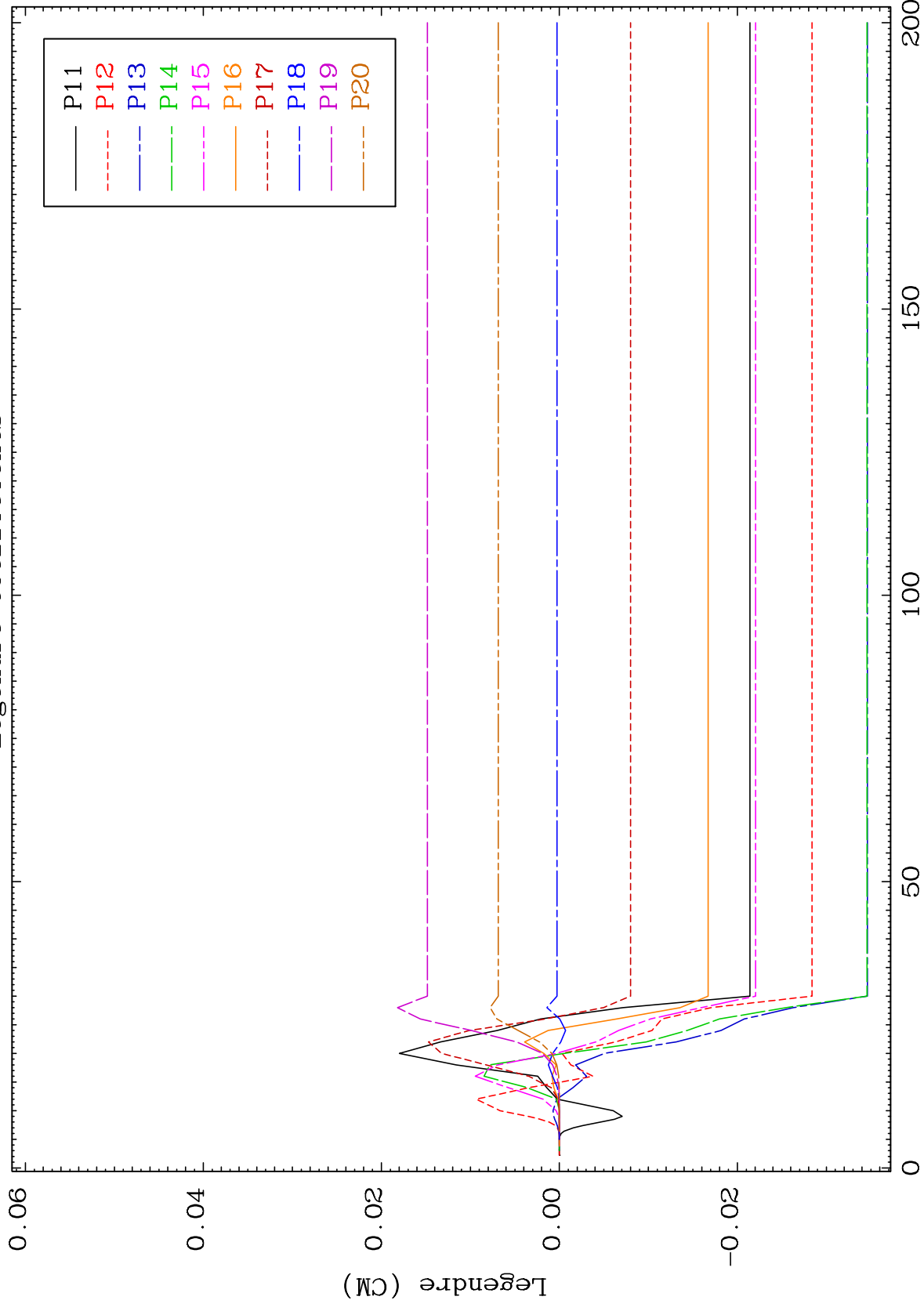
78-Pt-192



MAT 7831

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

78-Pt-192



58

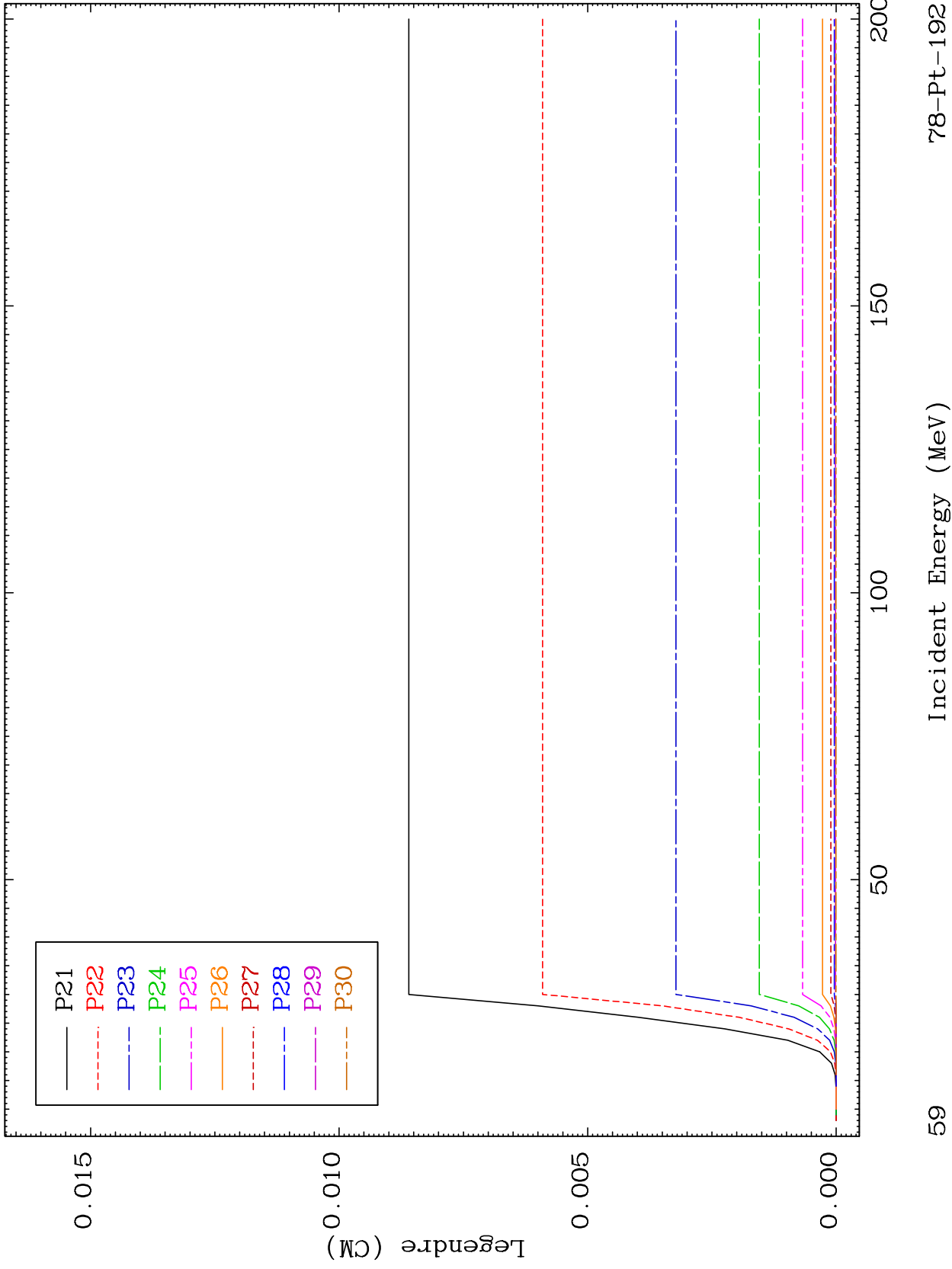
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192

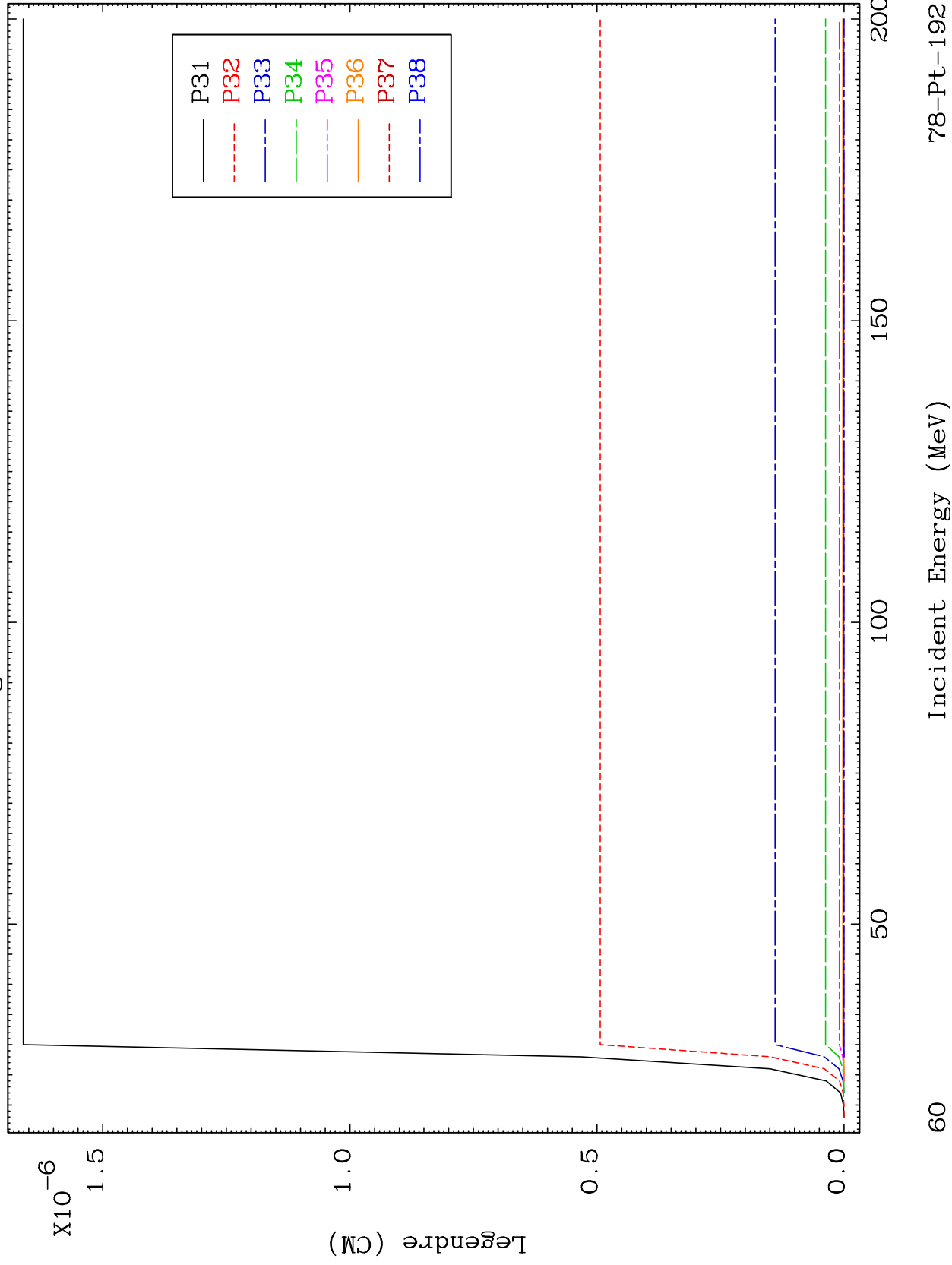


59

MAT 7831

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

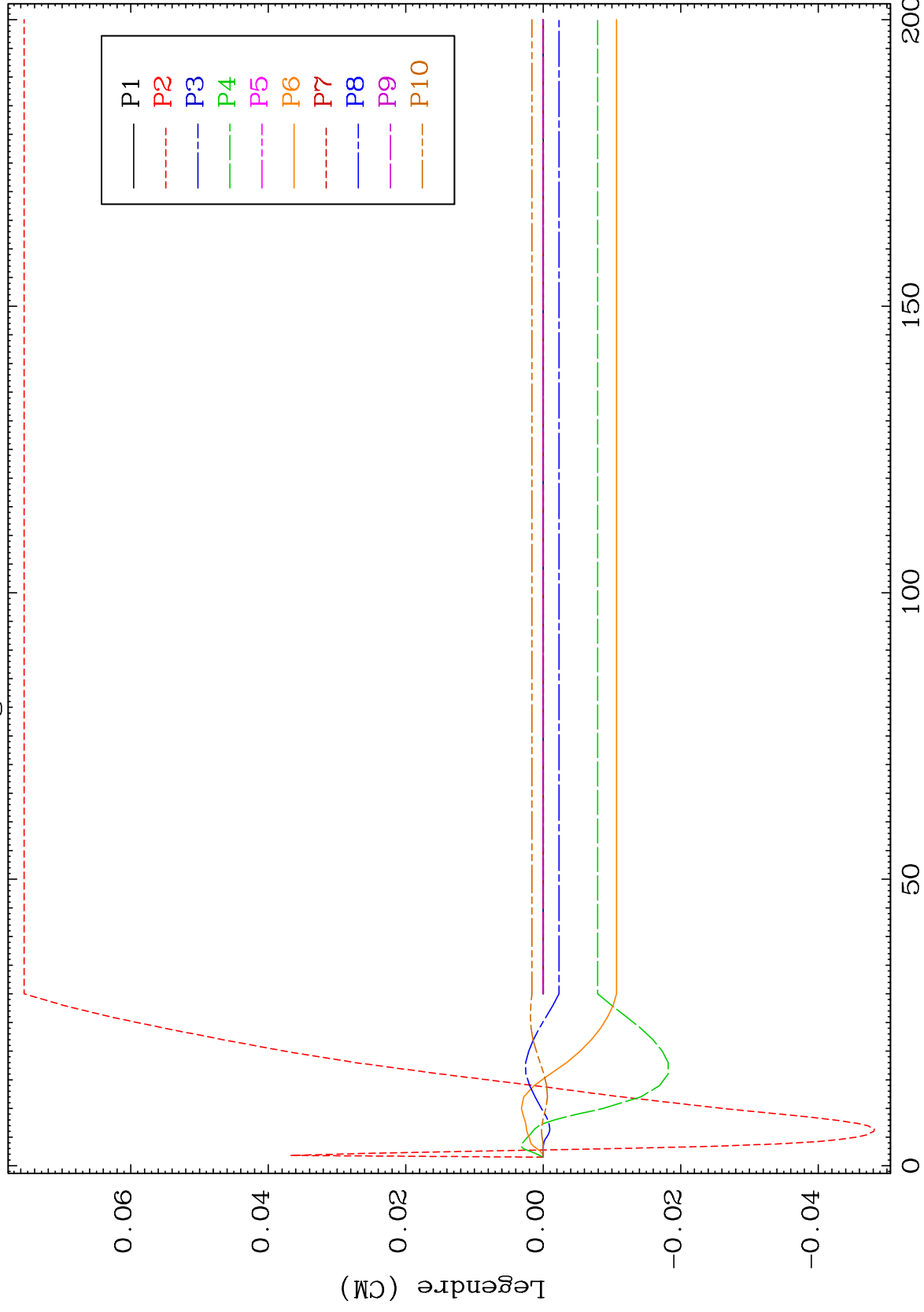
78-Pt-192



MAT 7831

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

78-Pt-192



61

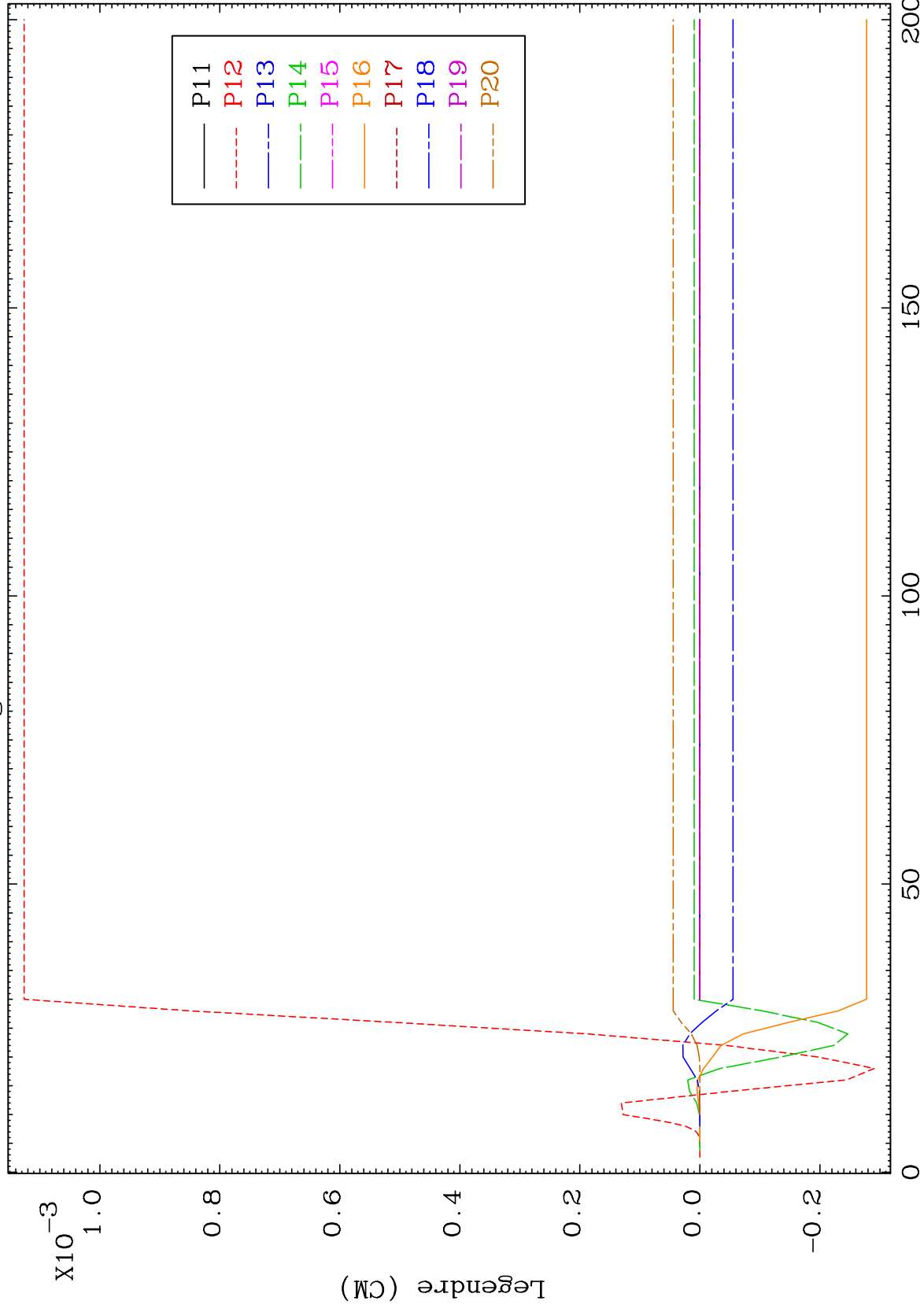
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

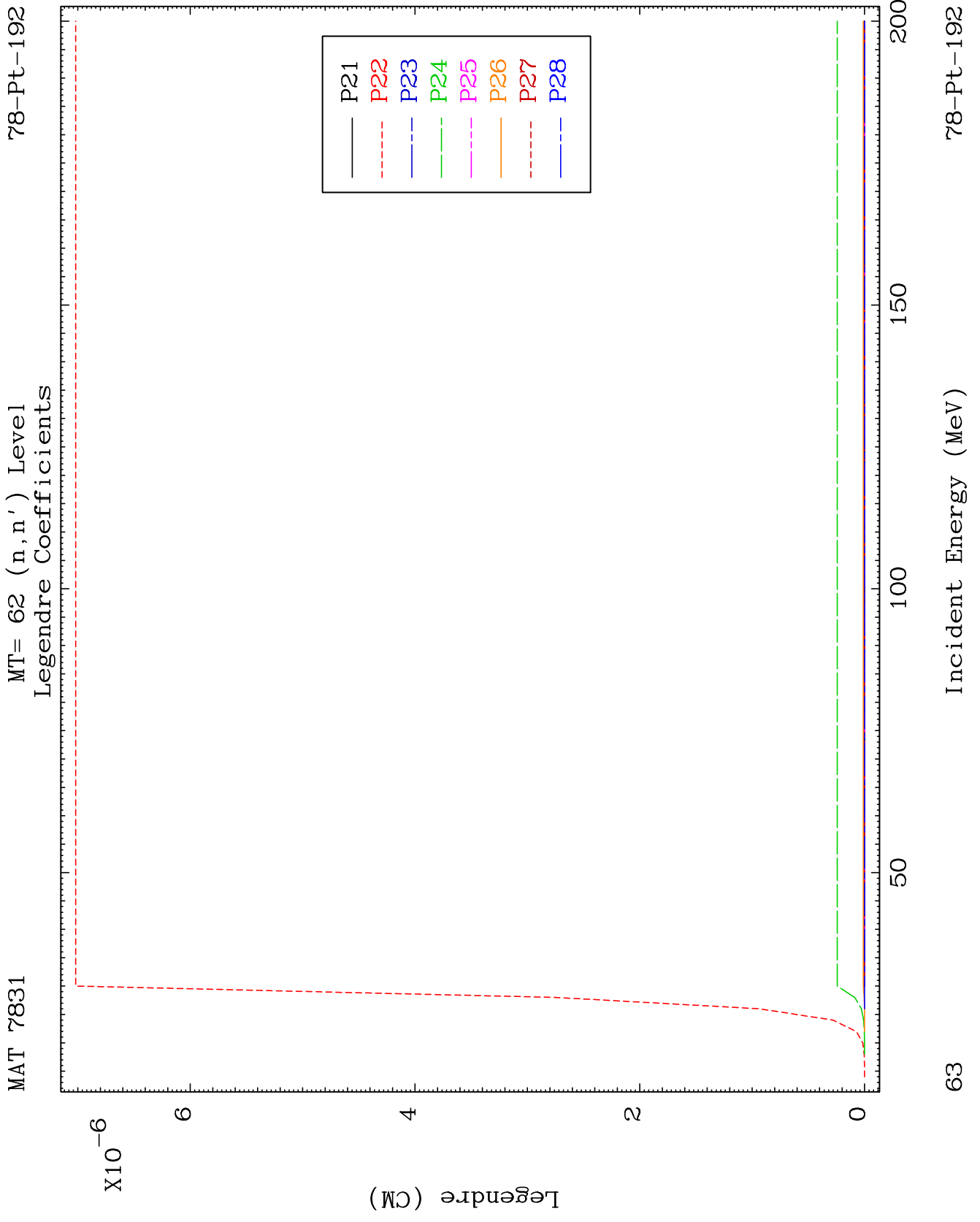
78-Pt-192



62

Incident Energy (MeV)

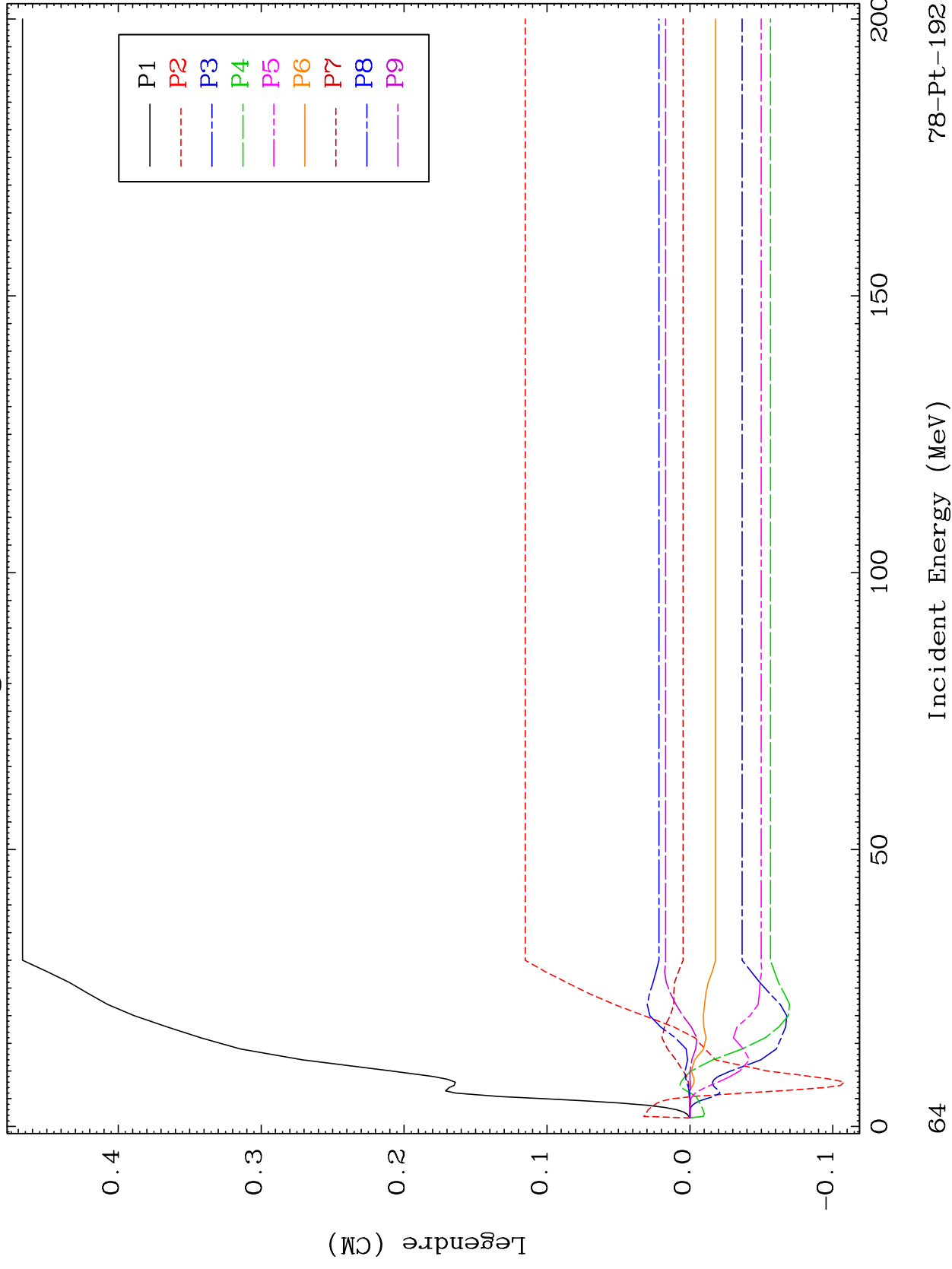
78-Pt-192



MAT 7831

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

78-Pt-192



78-Pt-192

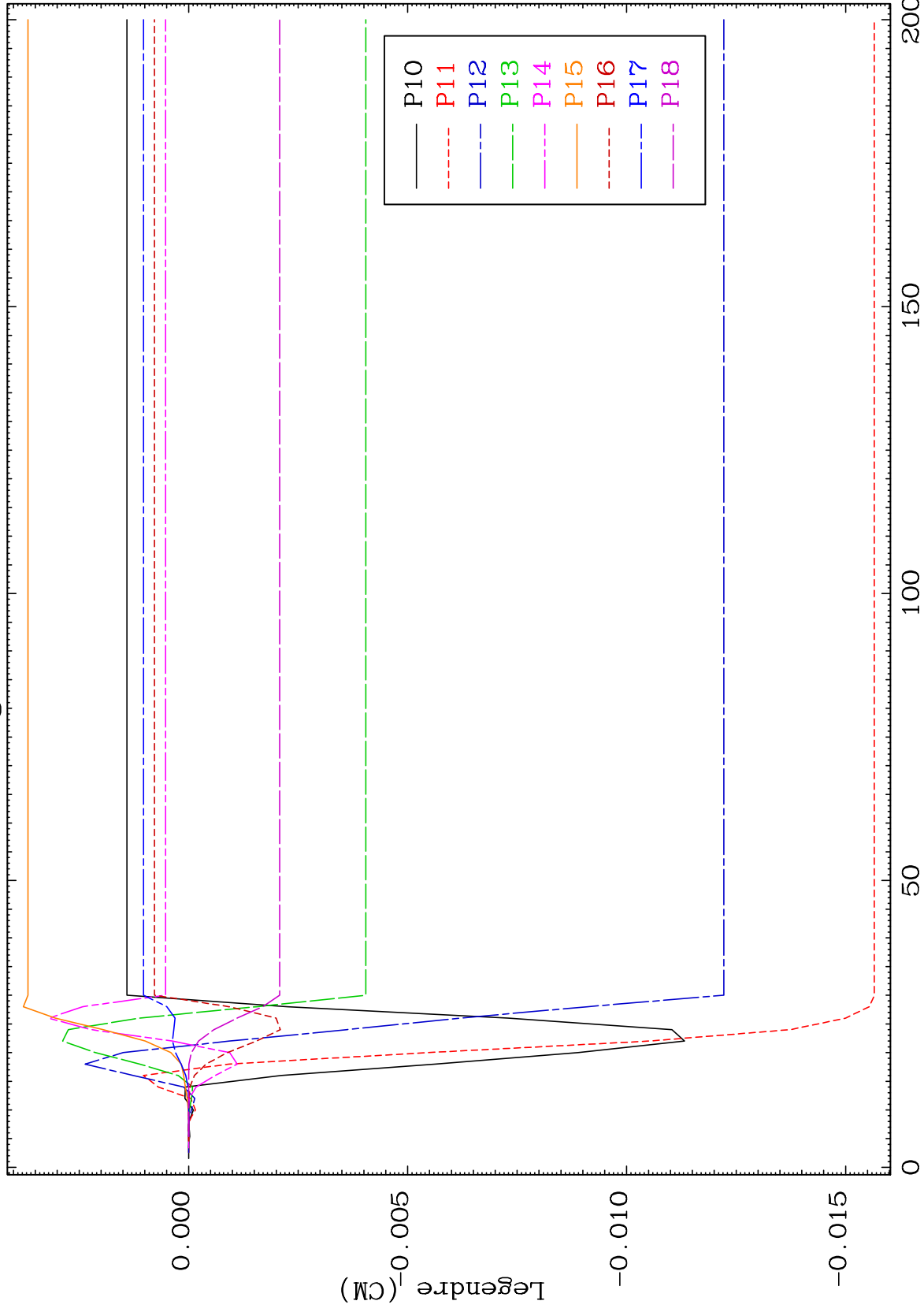
Incident Energy (MeV)

64

MAT 7831

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

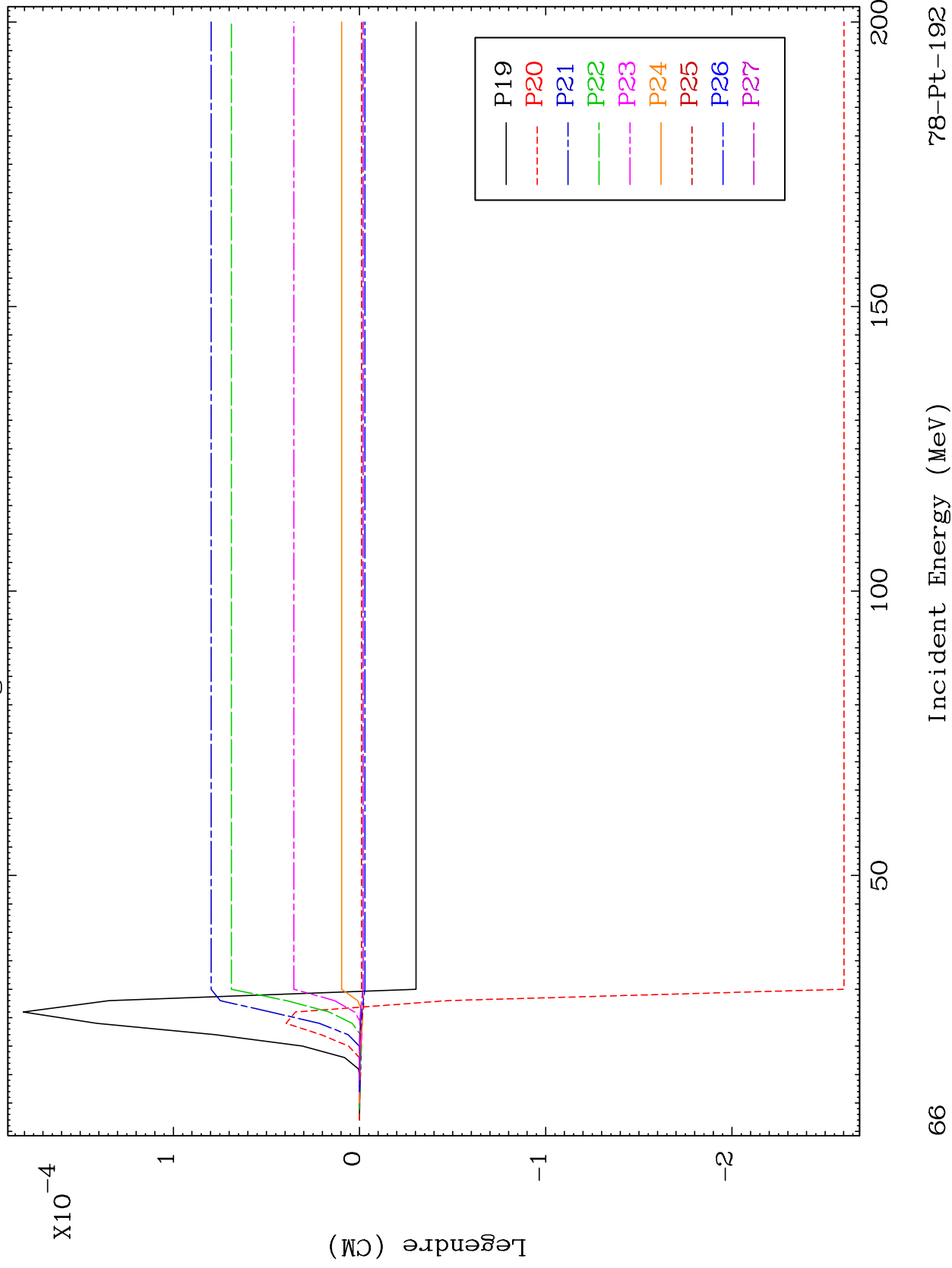
78-Pt-192



65

Incident Energy (MeV)

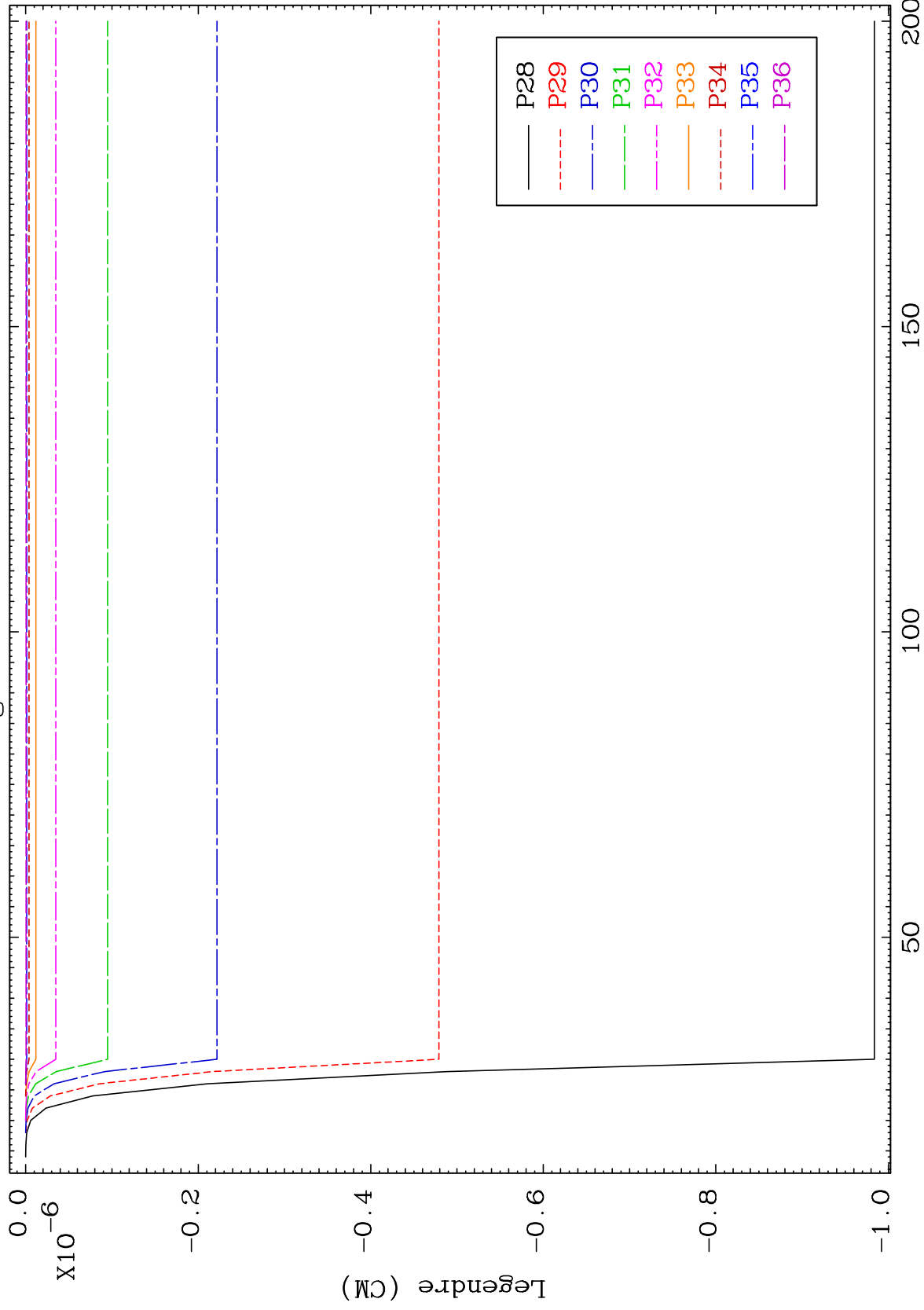
78-Pt-192



MAT 7831

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

78-Pt-192



67

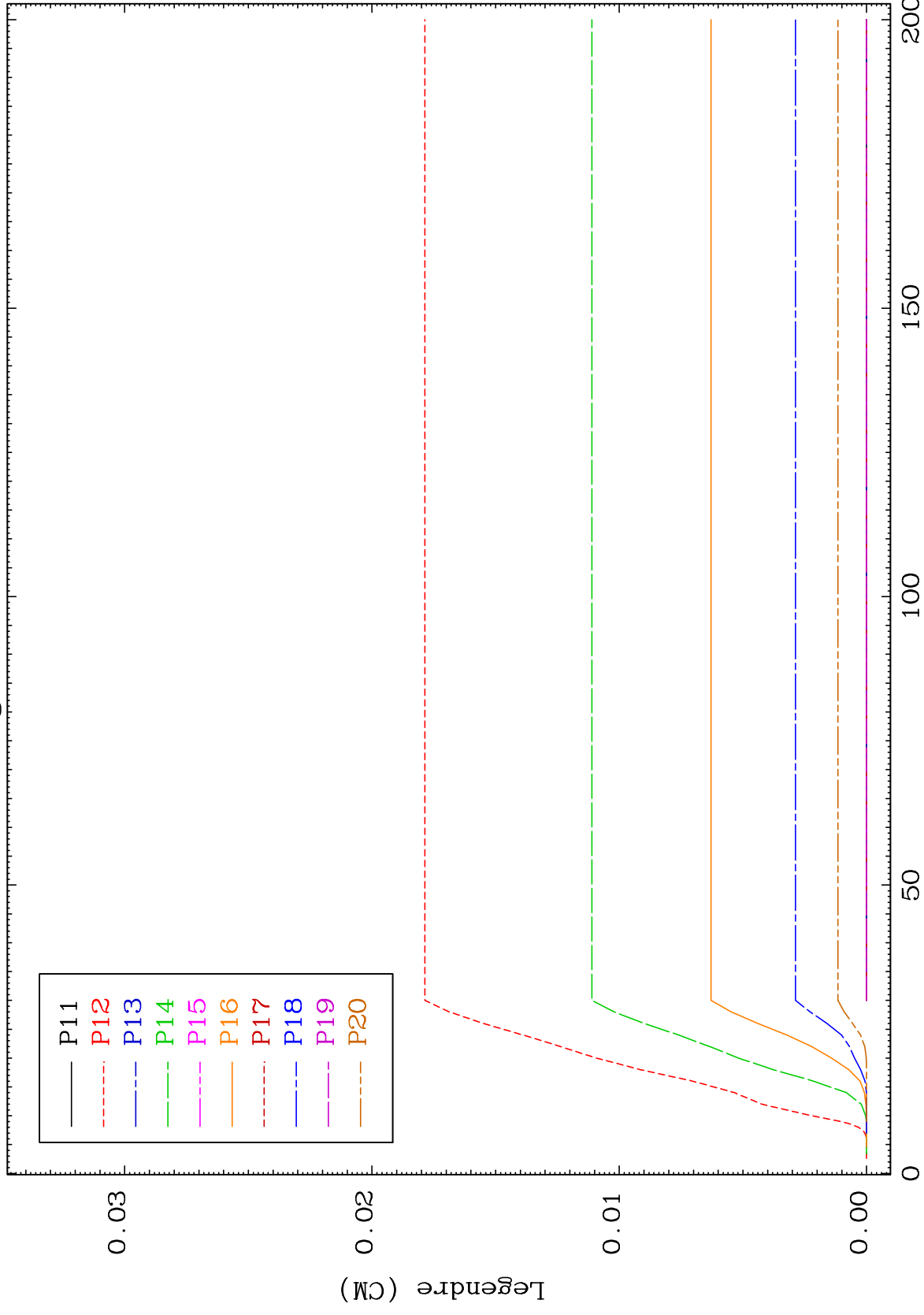
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



69

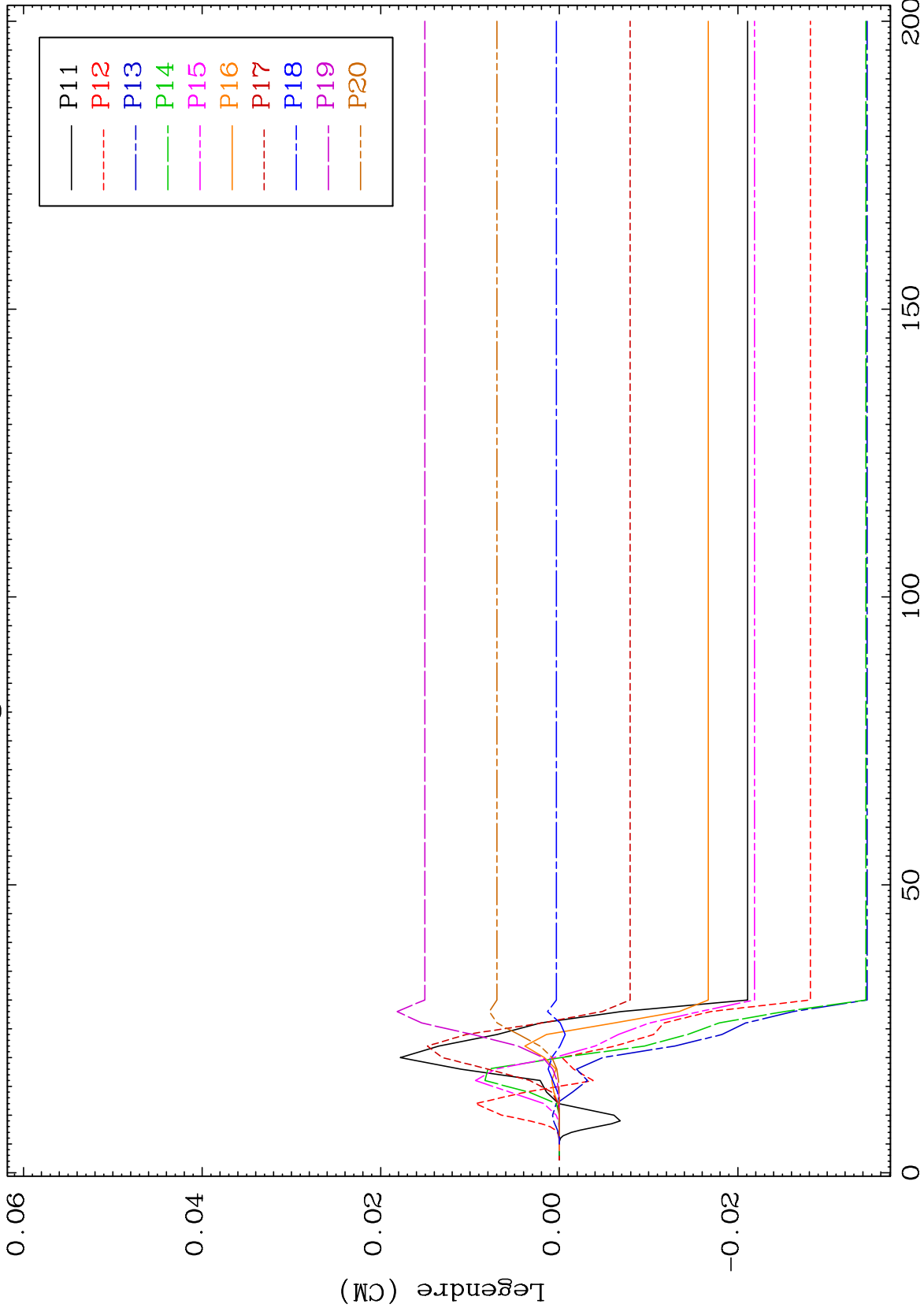
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



72

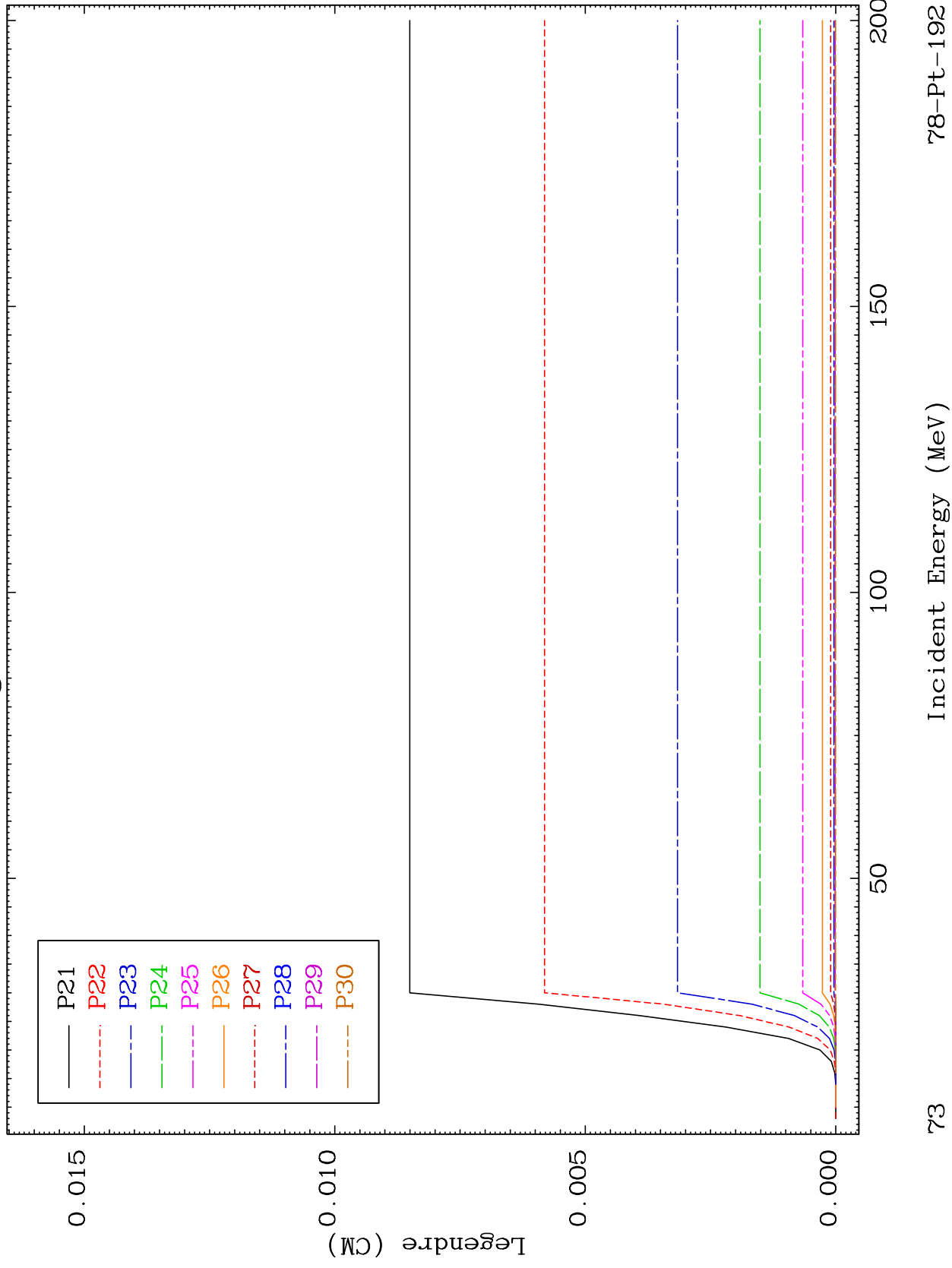
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



73

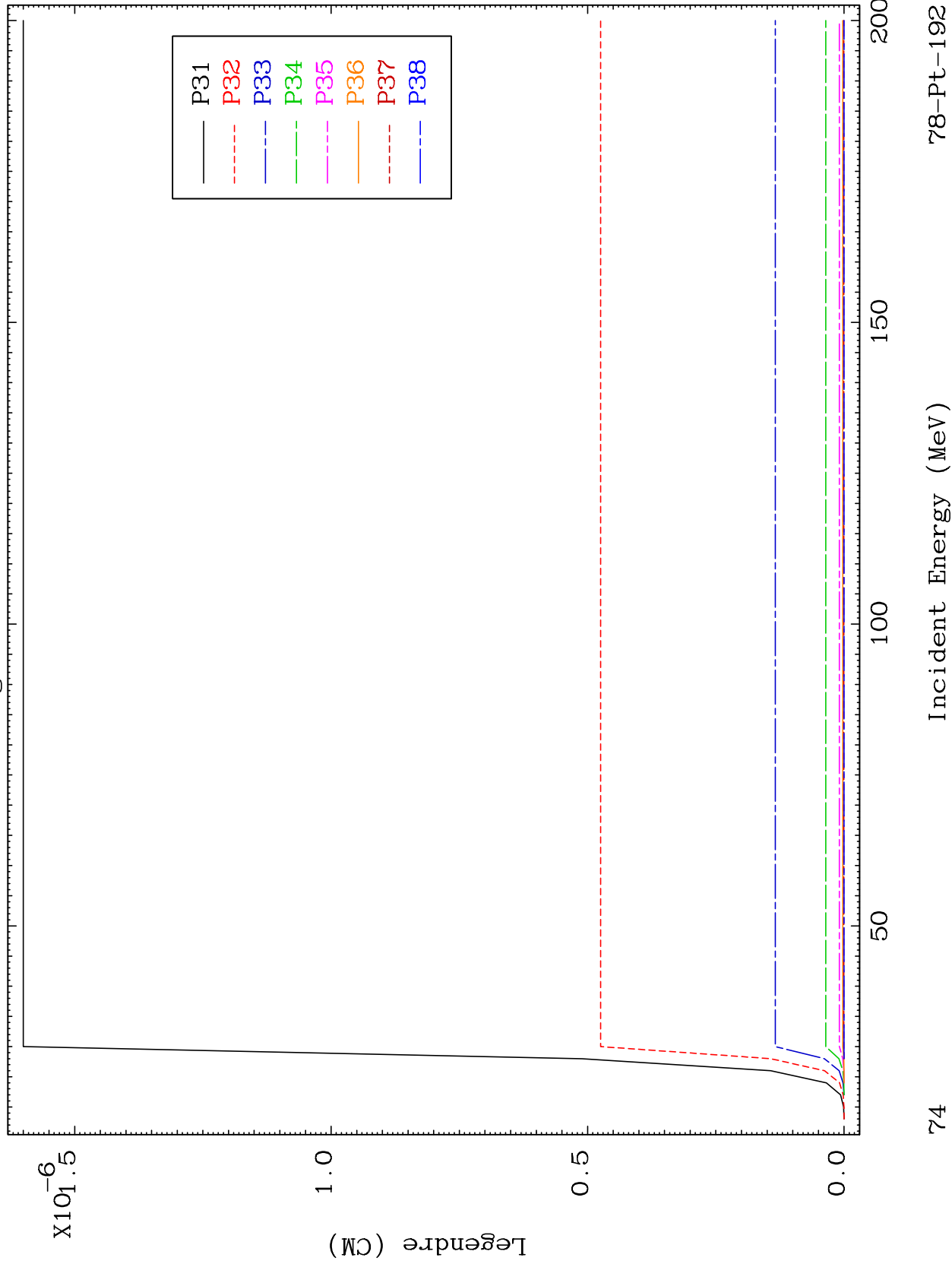
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

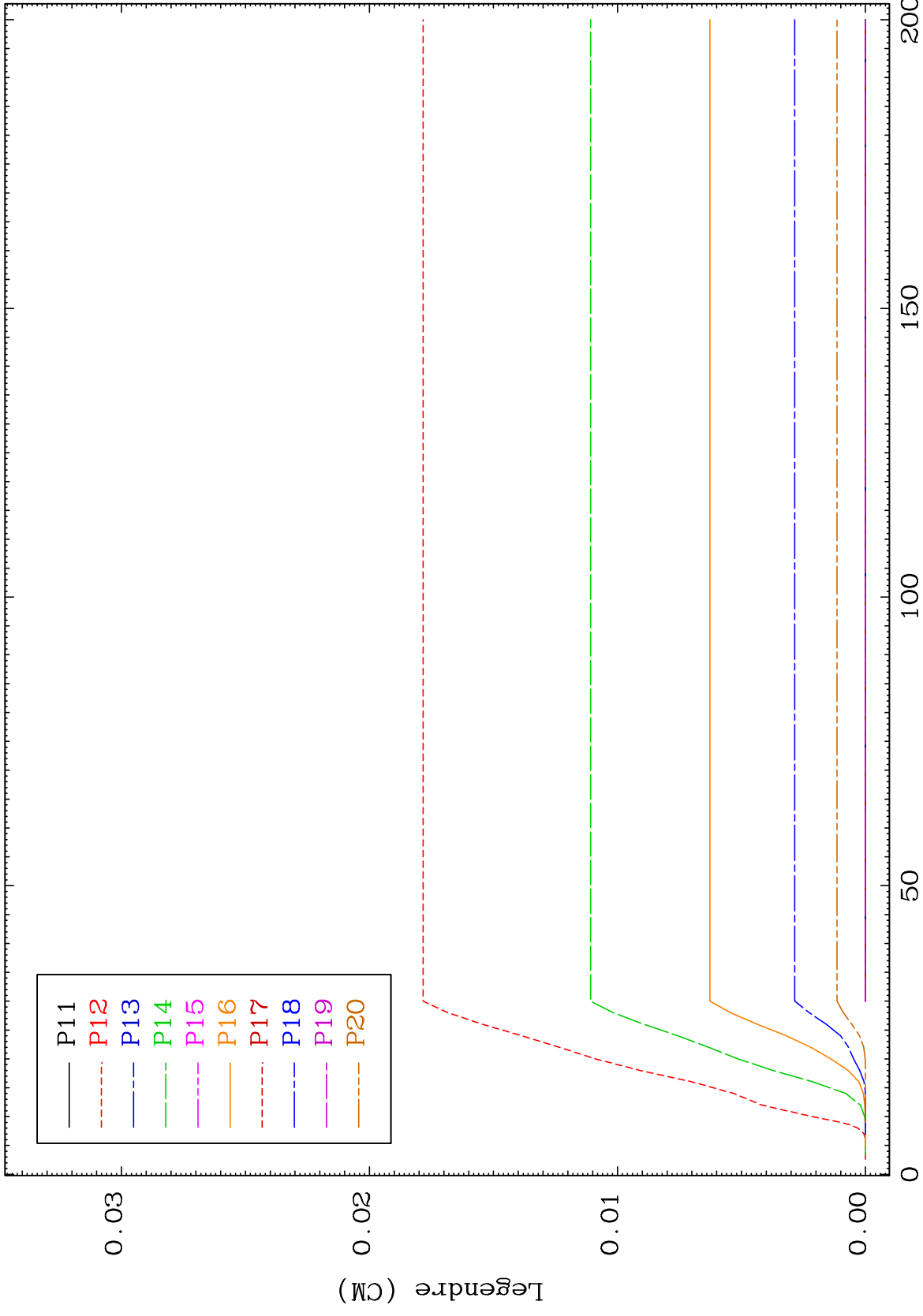
78-Pt-192



MAT 7831

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

78-Pt-192



76

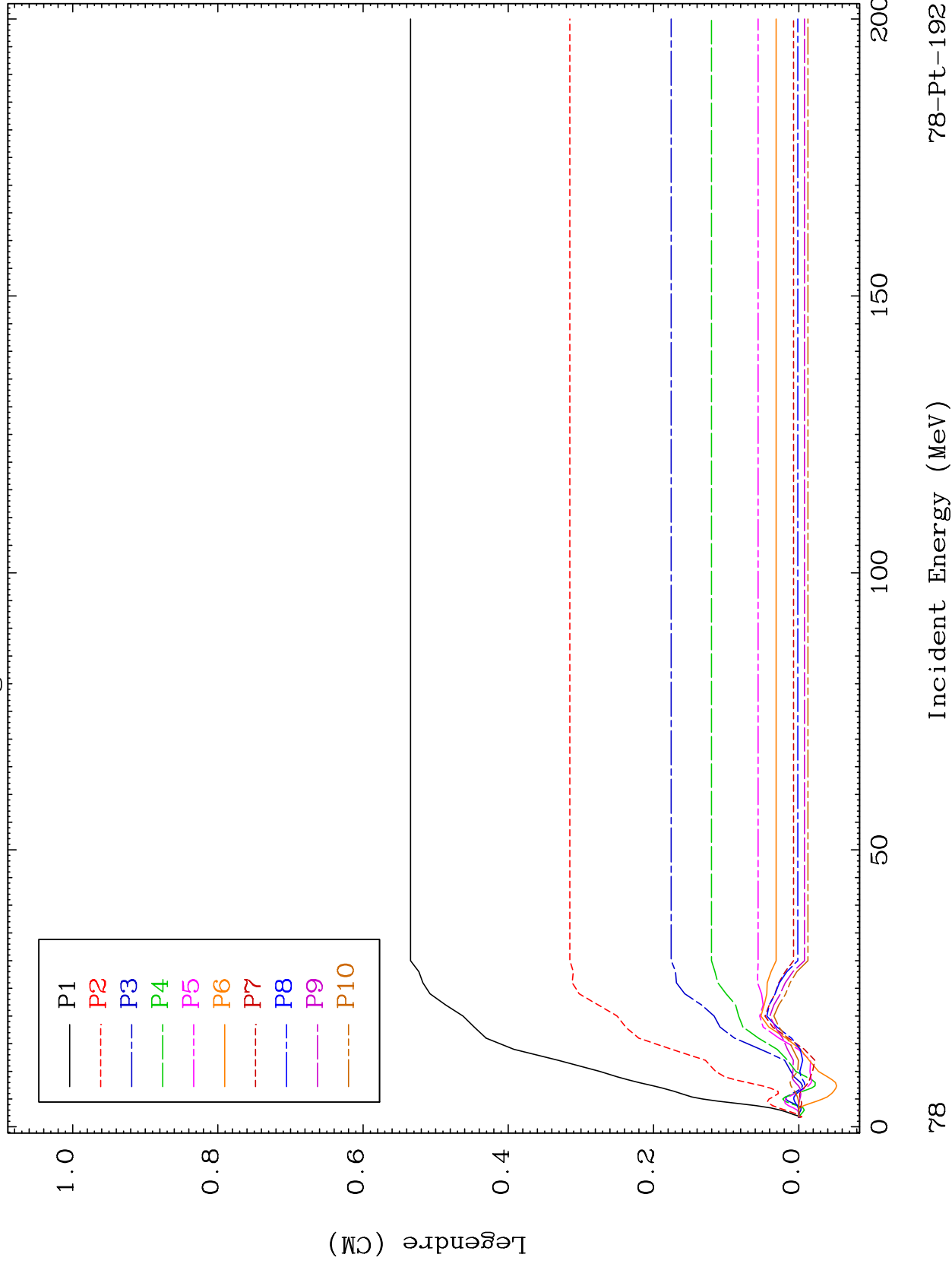
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

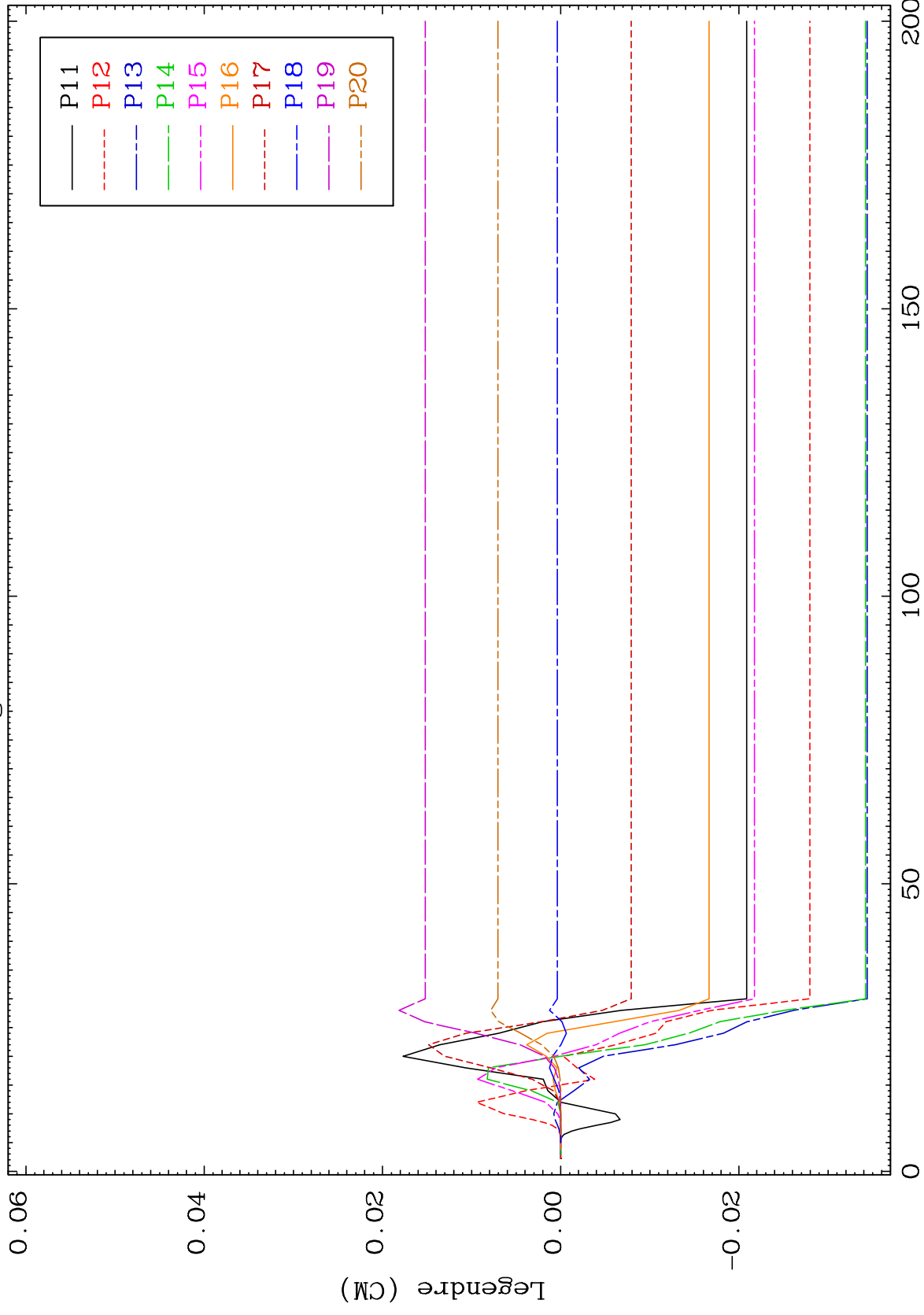
78-Pt-192



MAT 7831

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

78-Pt-192



79

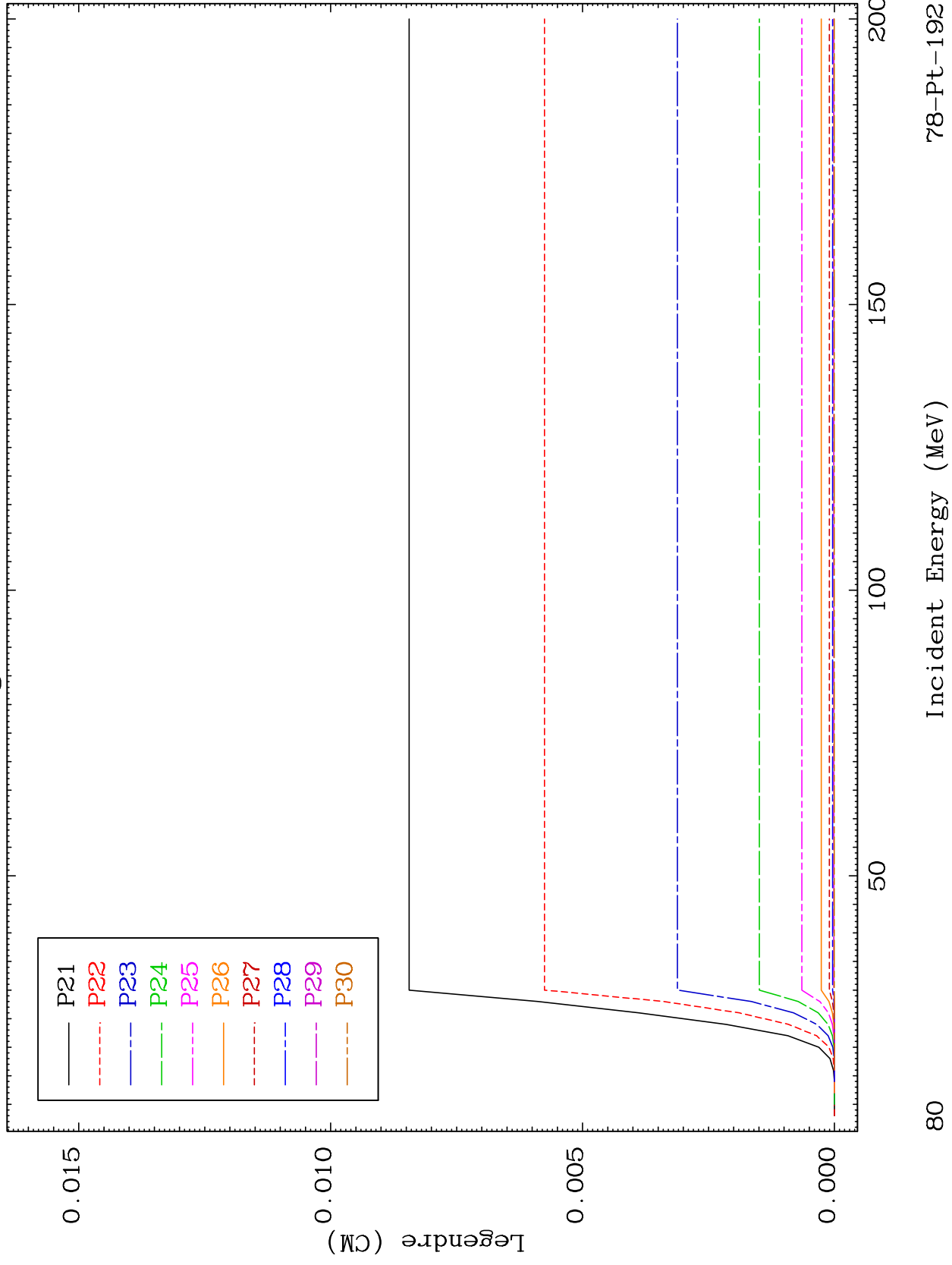
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



78-Pt-192

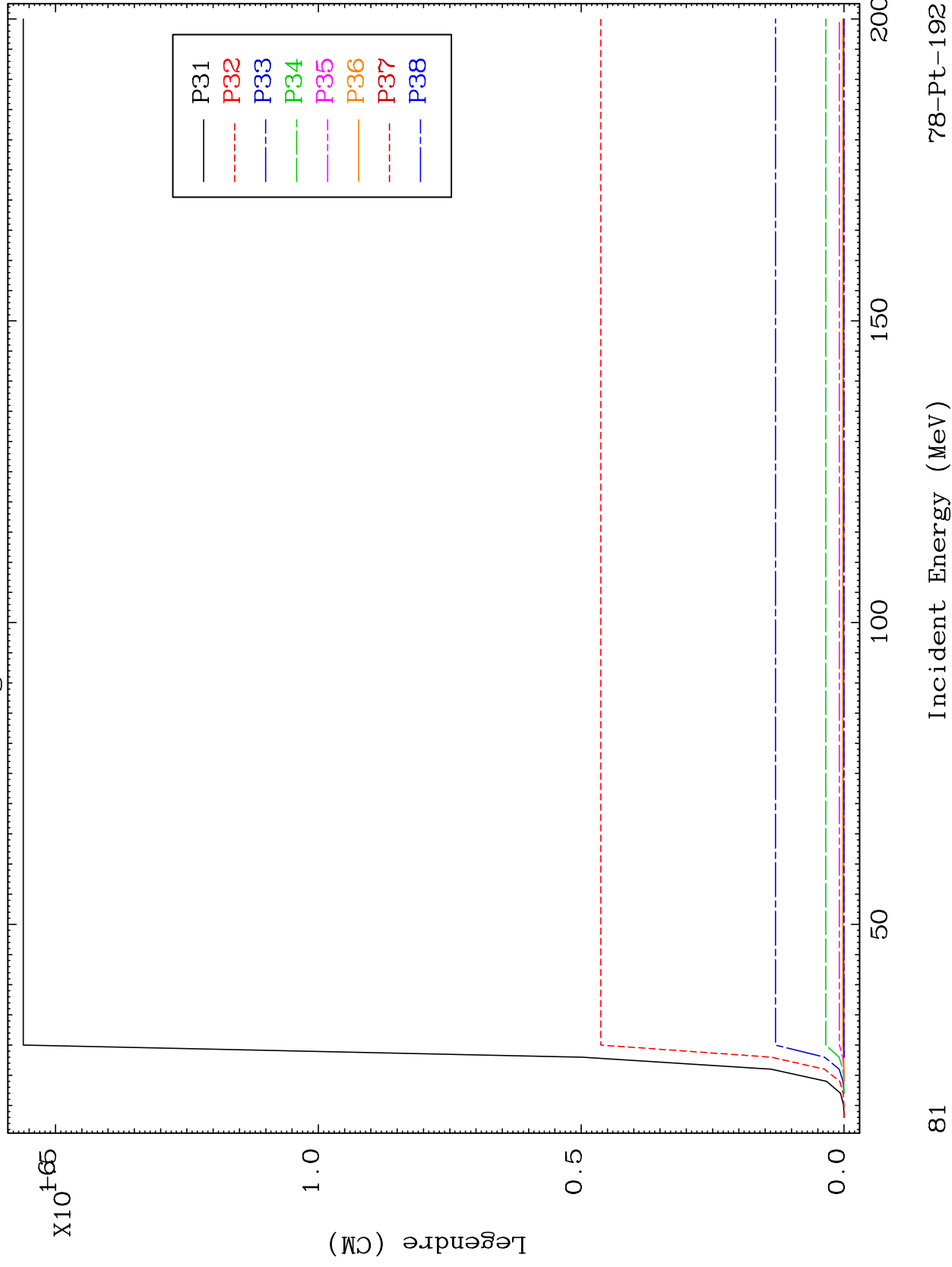
Incident Energy (MeV)

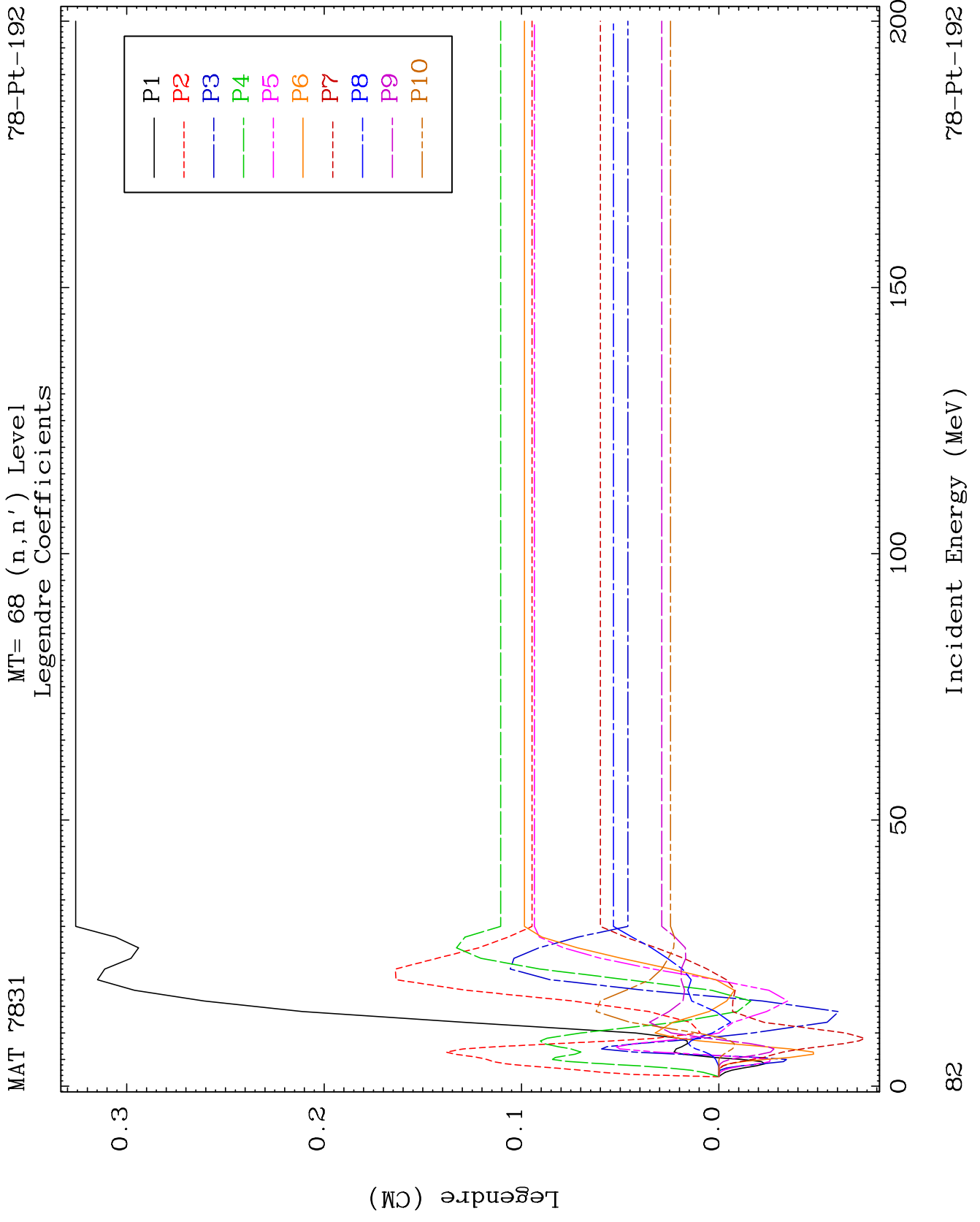
80

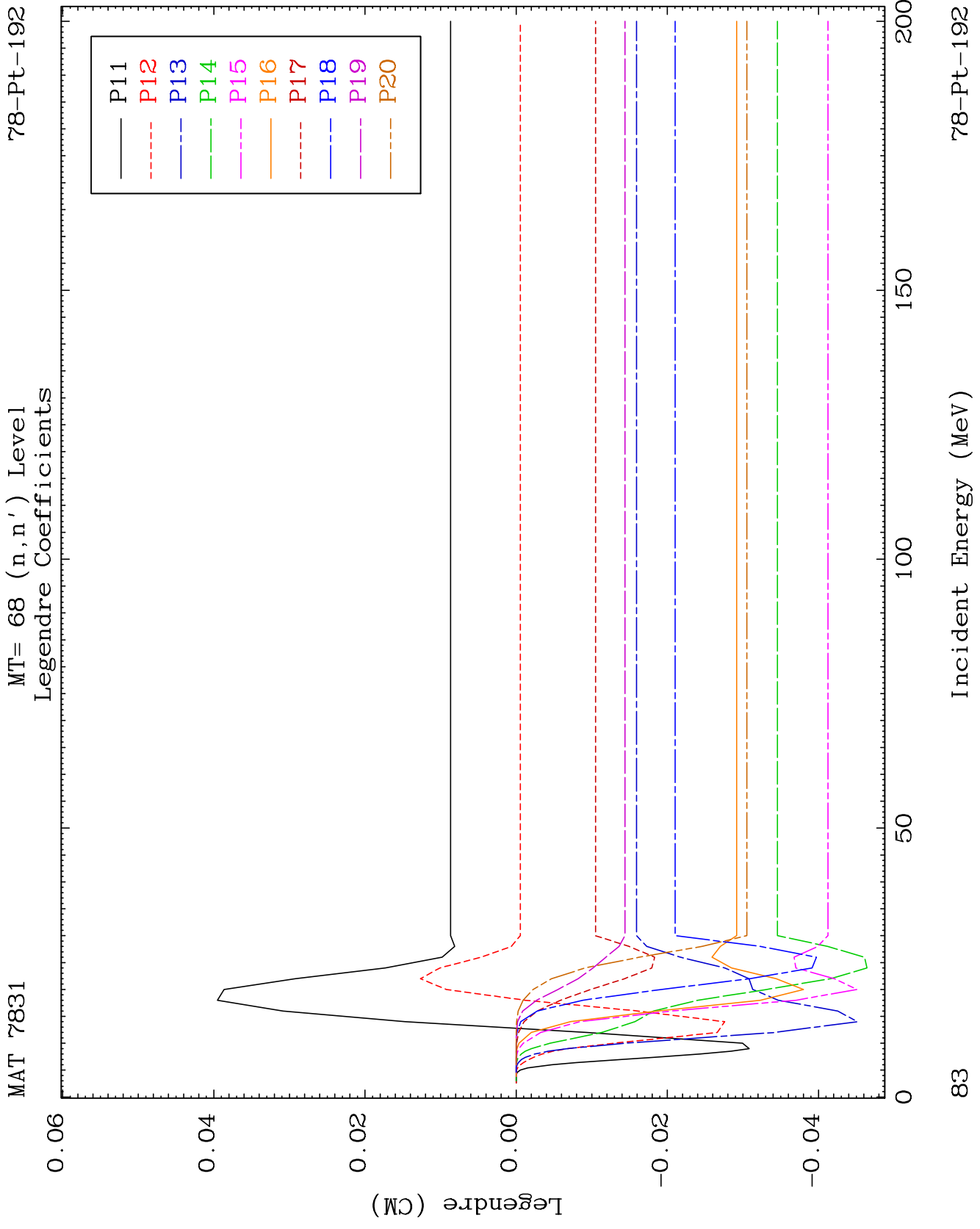
MAT 7831

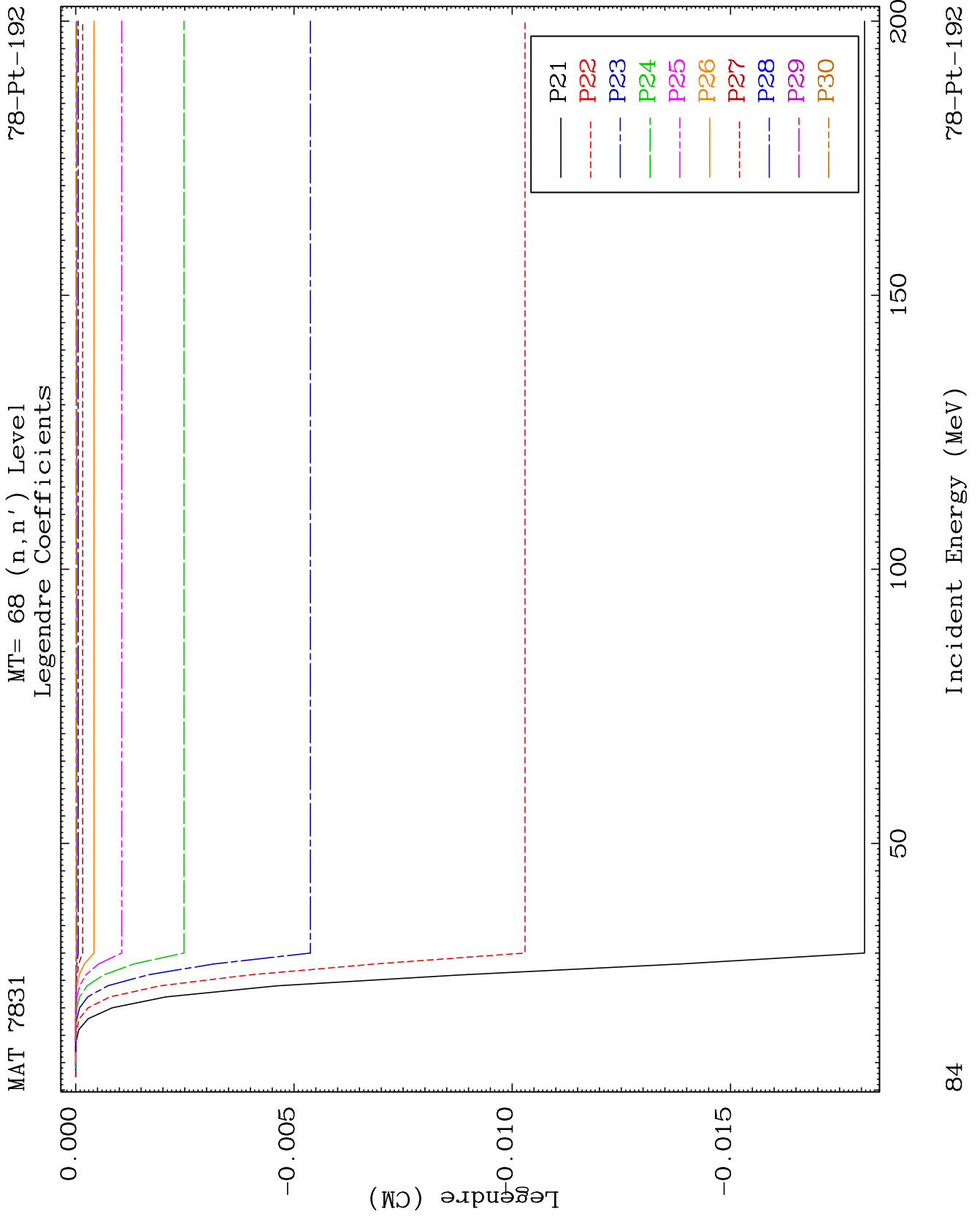
MT= 67 (n,n') Level
Legendre Coefficients

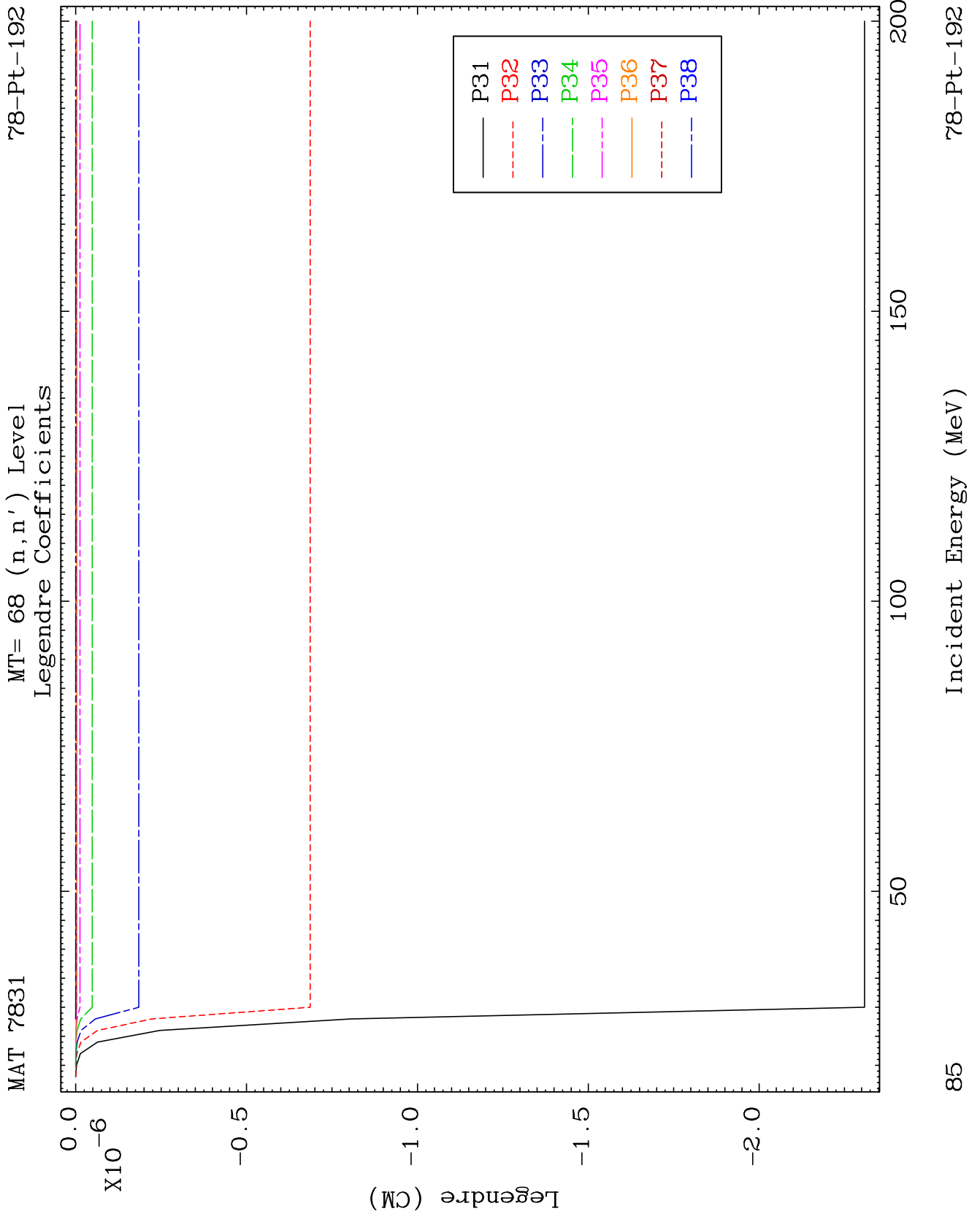
78-Pt-192

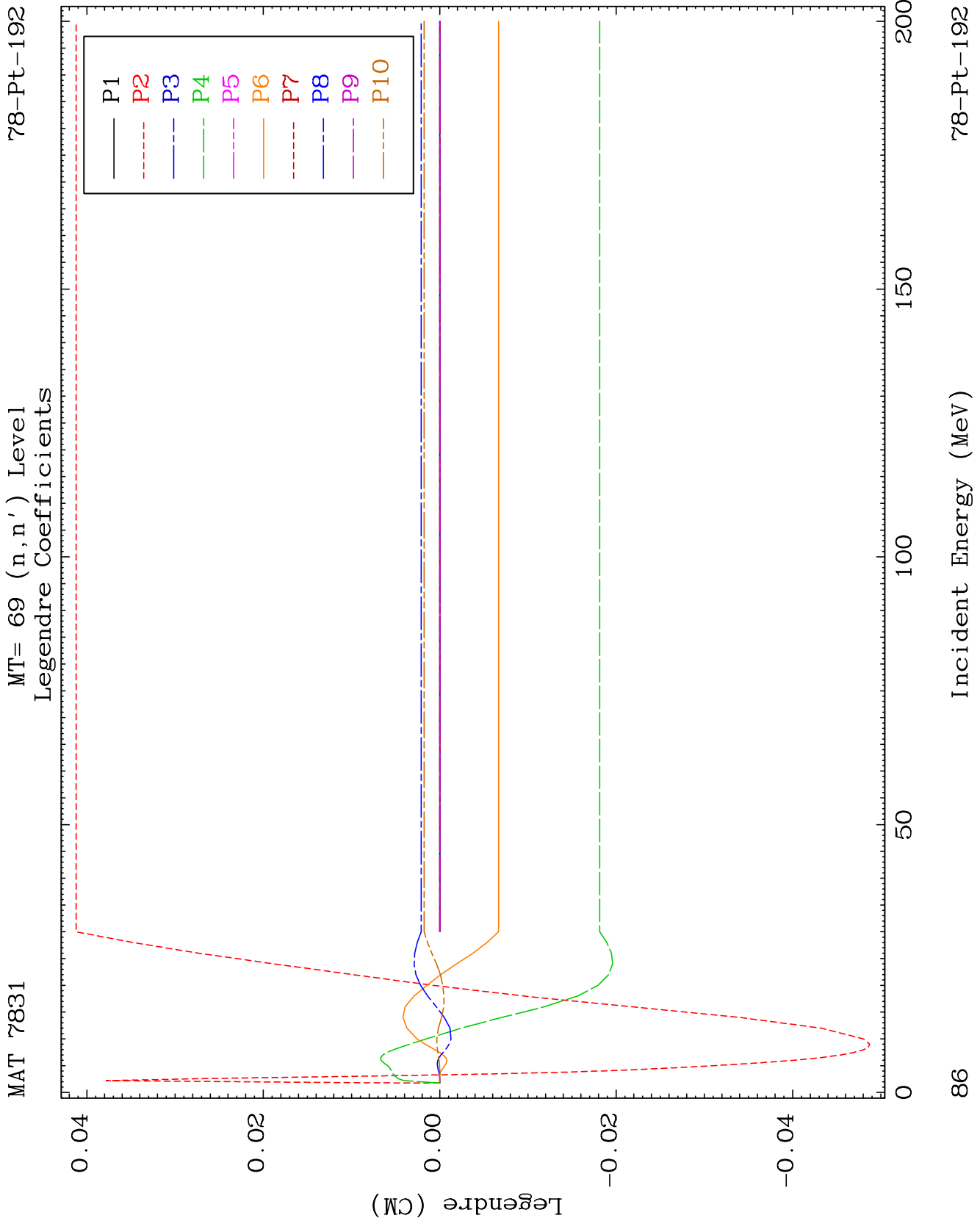












78-Pt-192

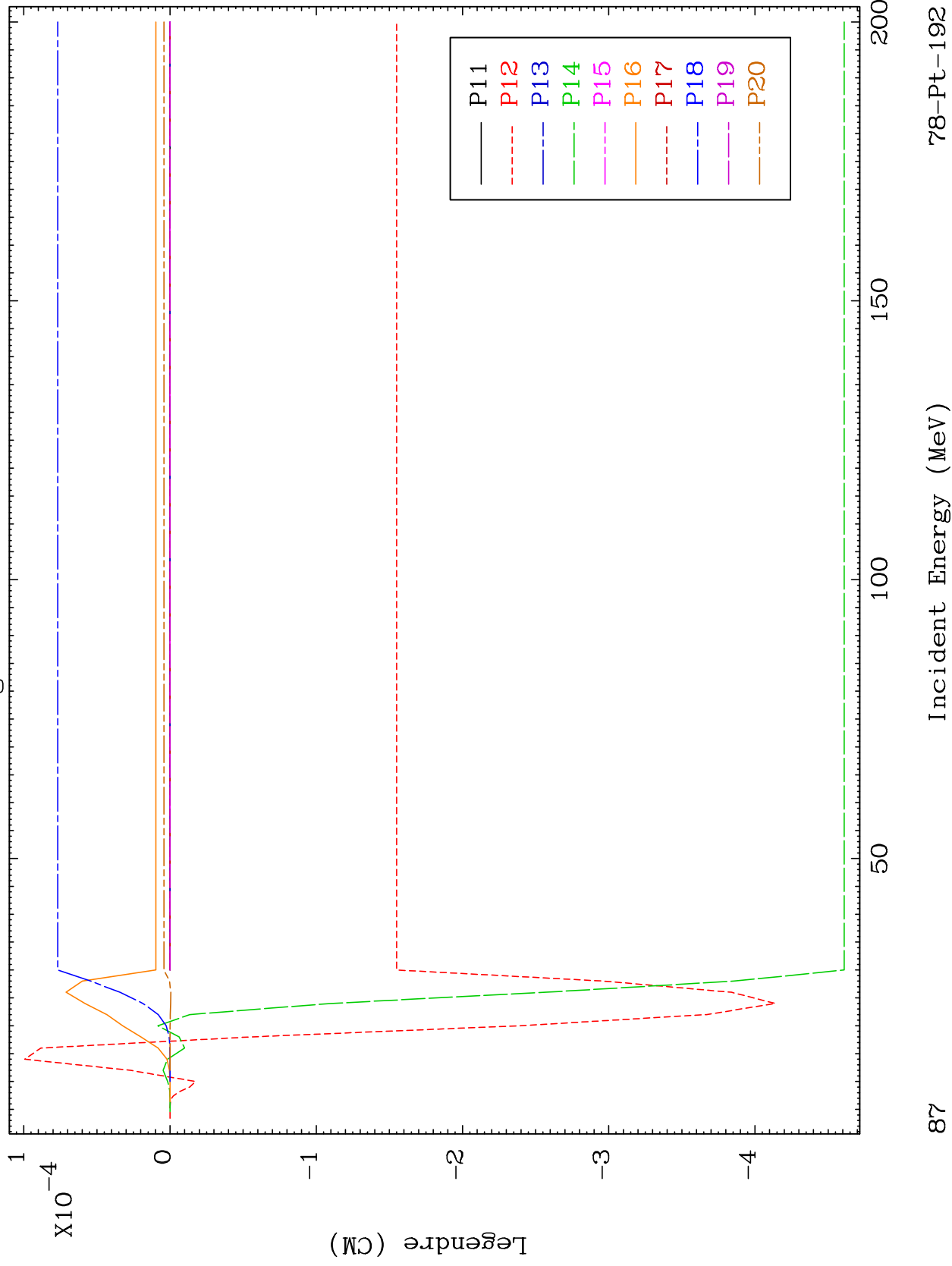
Incident Energy (MeV)

86

MAT 7831

78-Pt-192

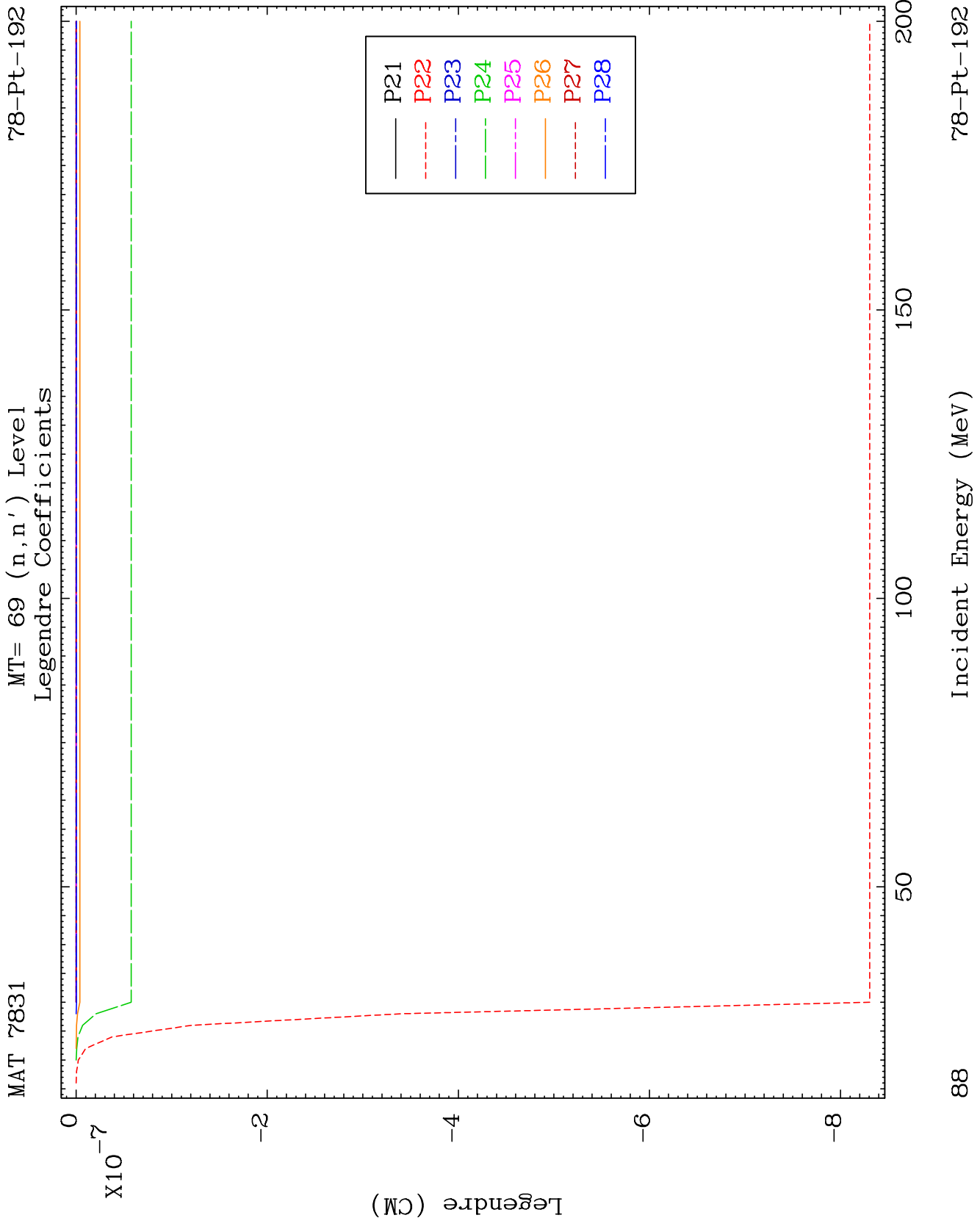
MT= 69 (n,n') Level
Legendre Coefficients

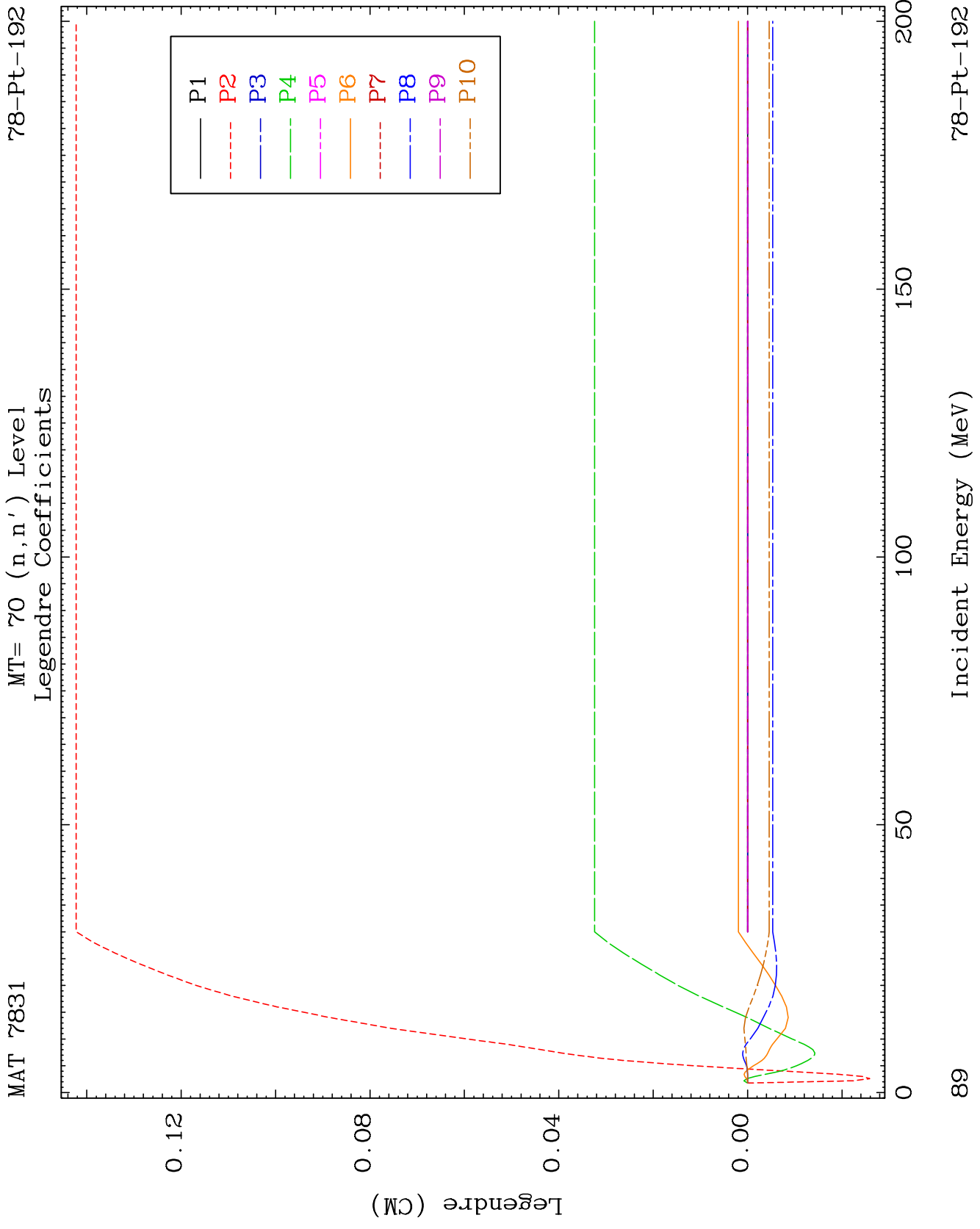


87

Incident Energy (MeV)

78-Pt-192

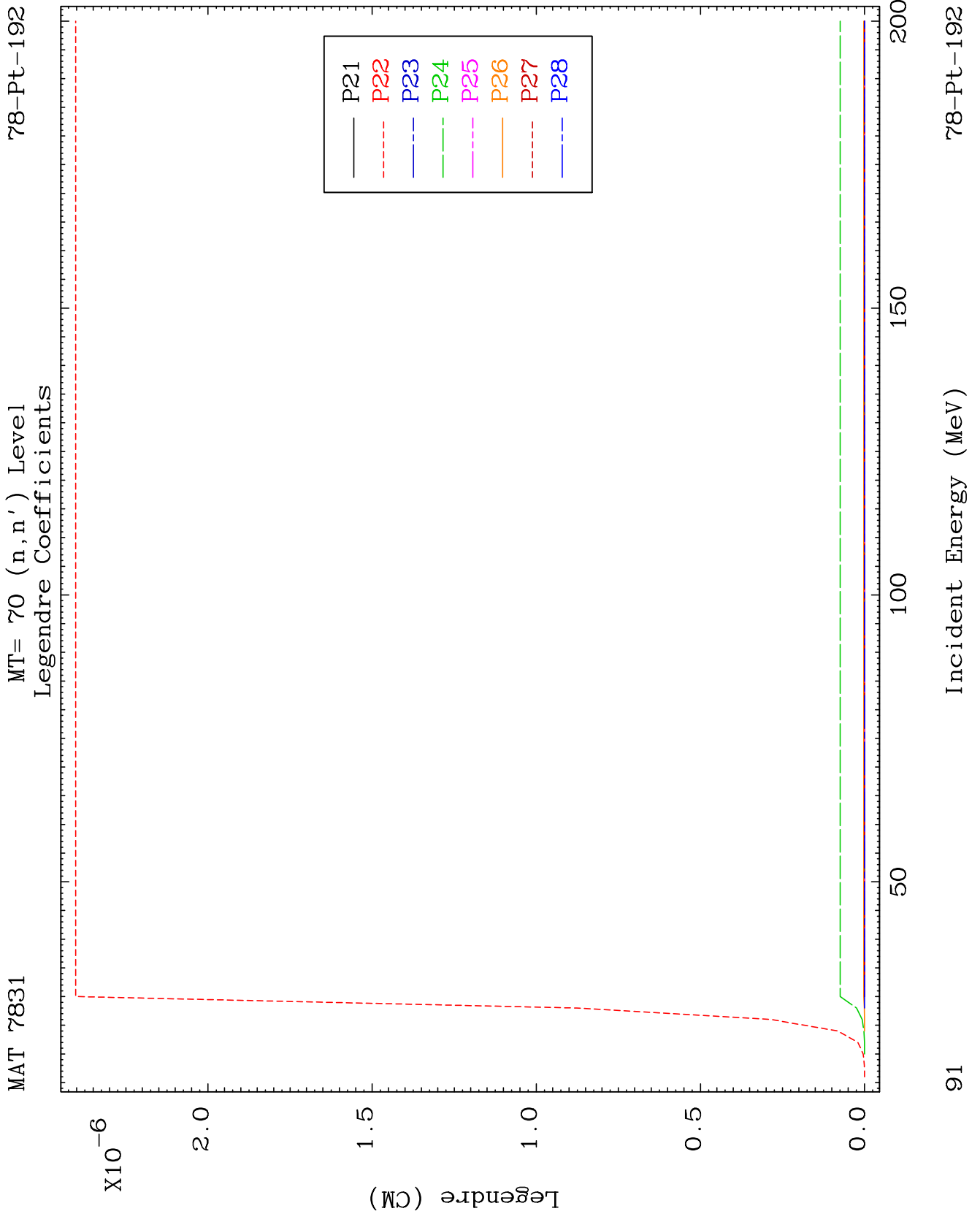




78-Pt-192

Incident Energy (MeV)

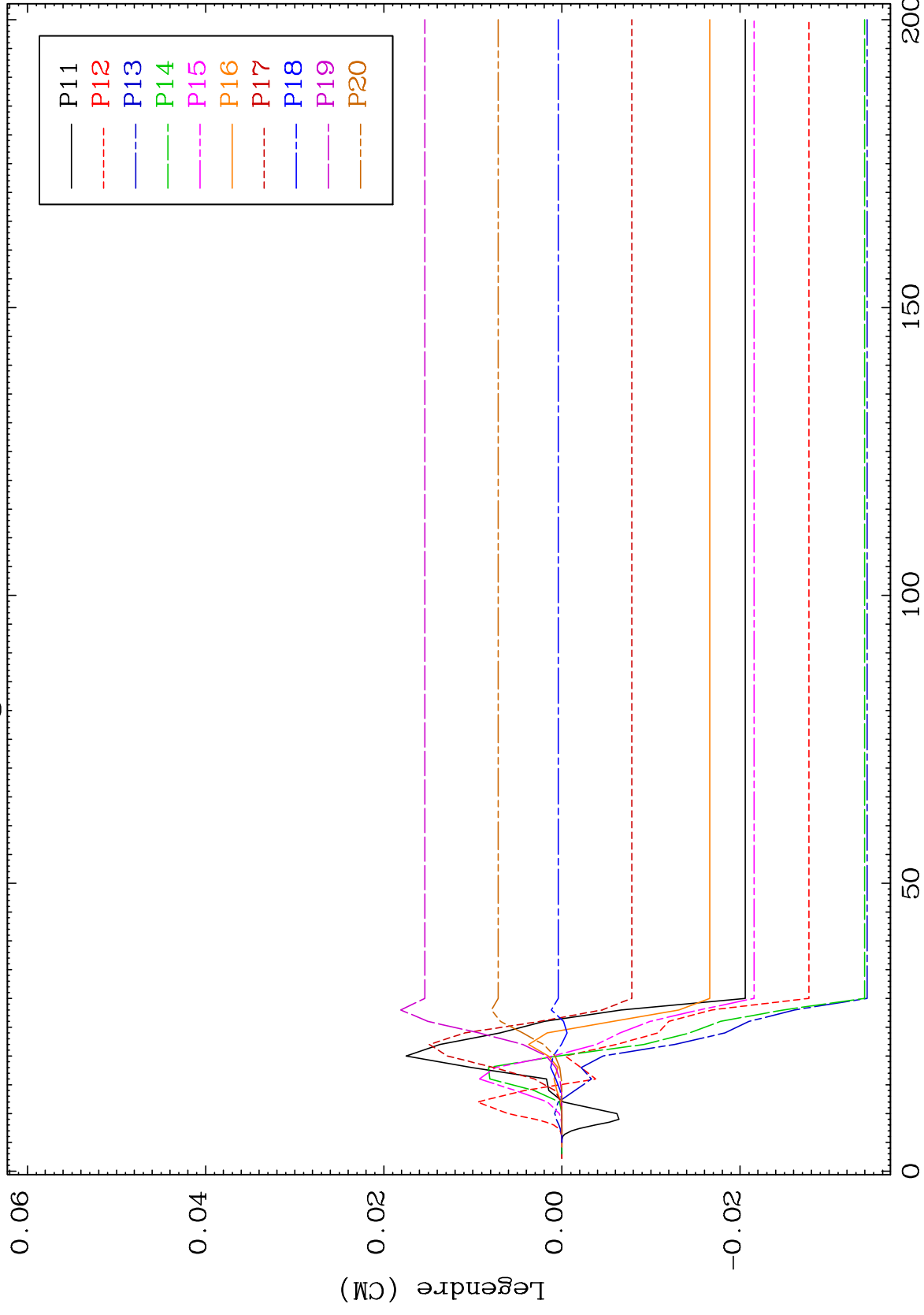
89



MAT 7831

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

78-Pt-192



93

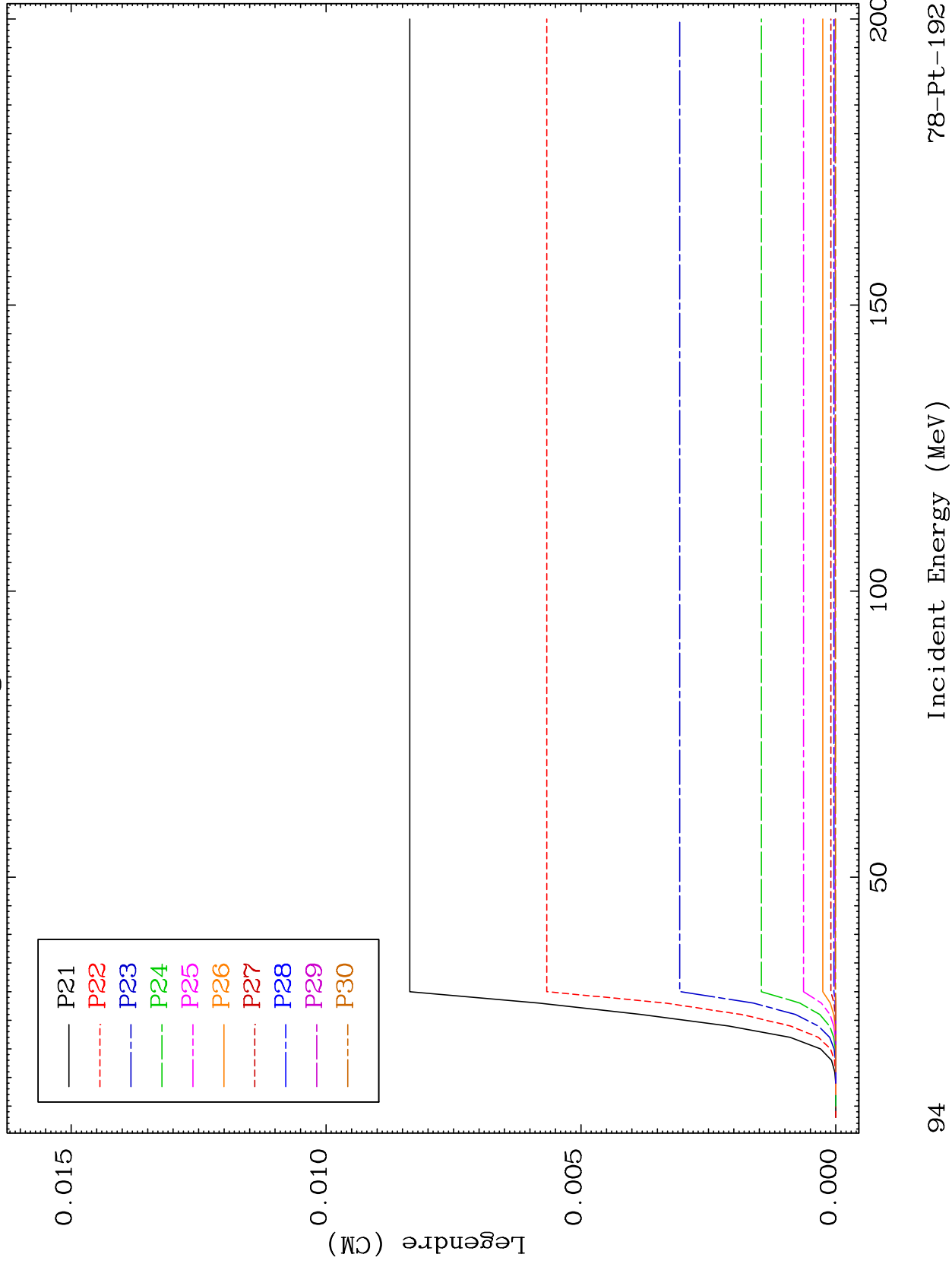
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



94

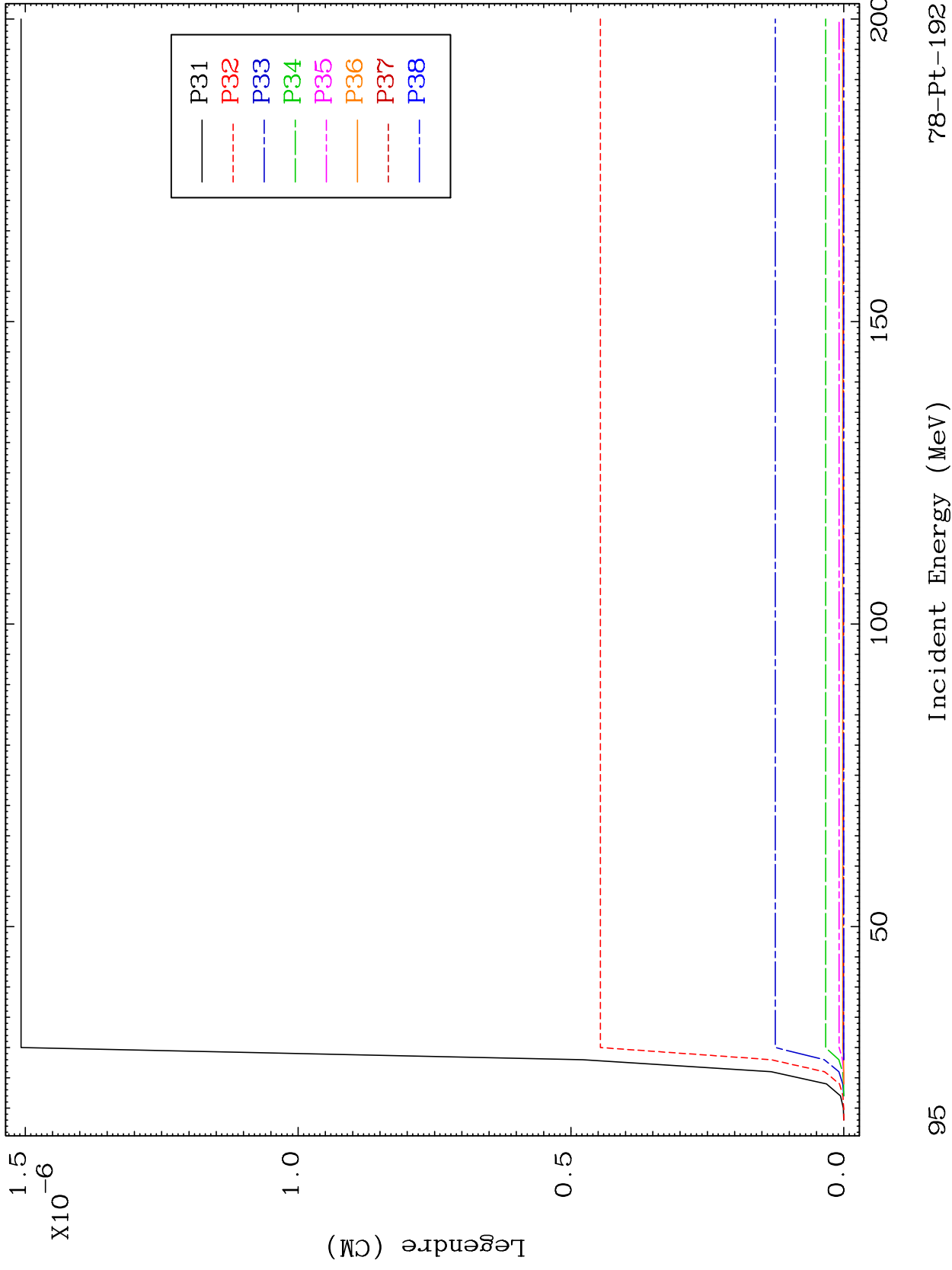
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

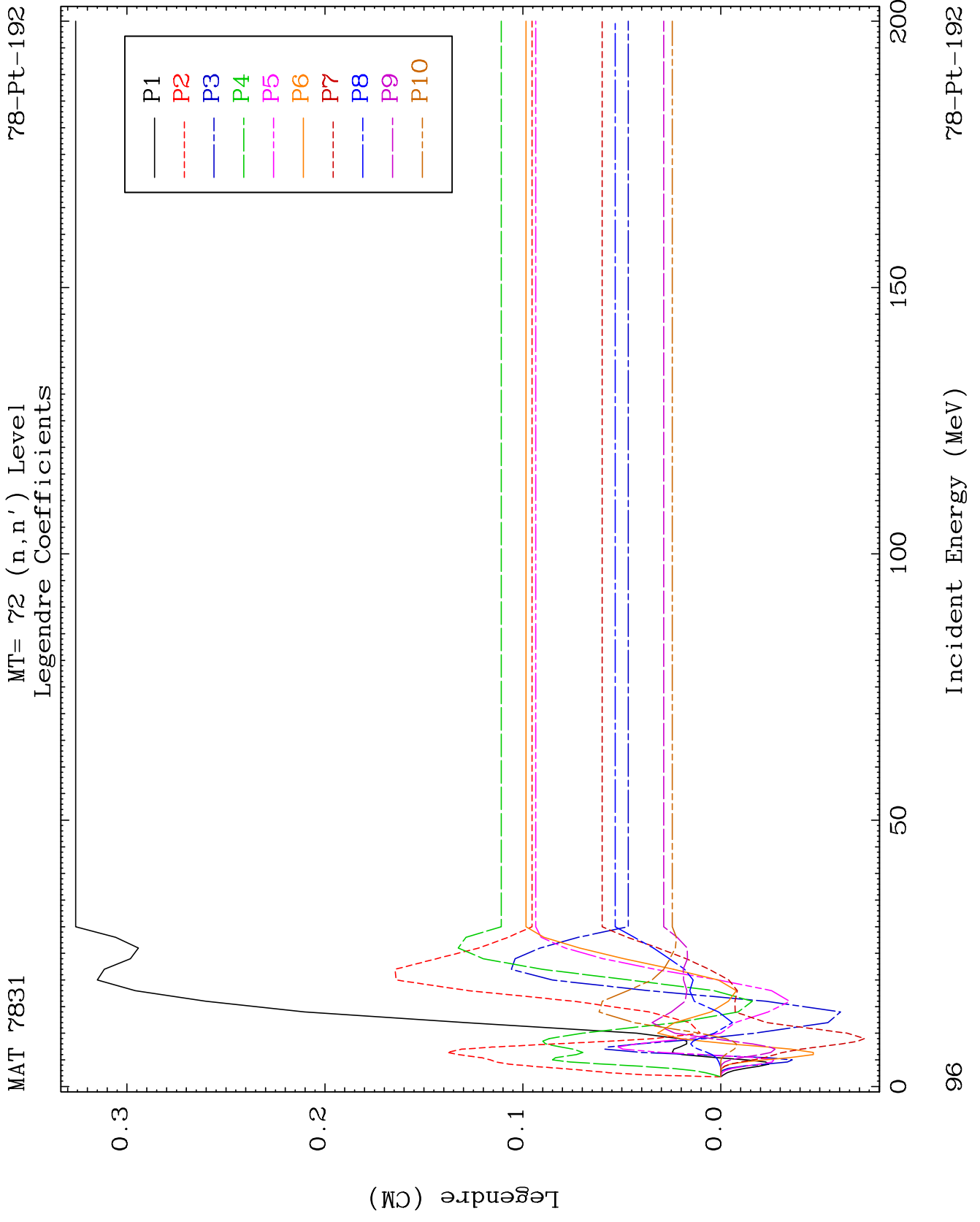
78-Pt-192

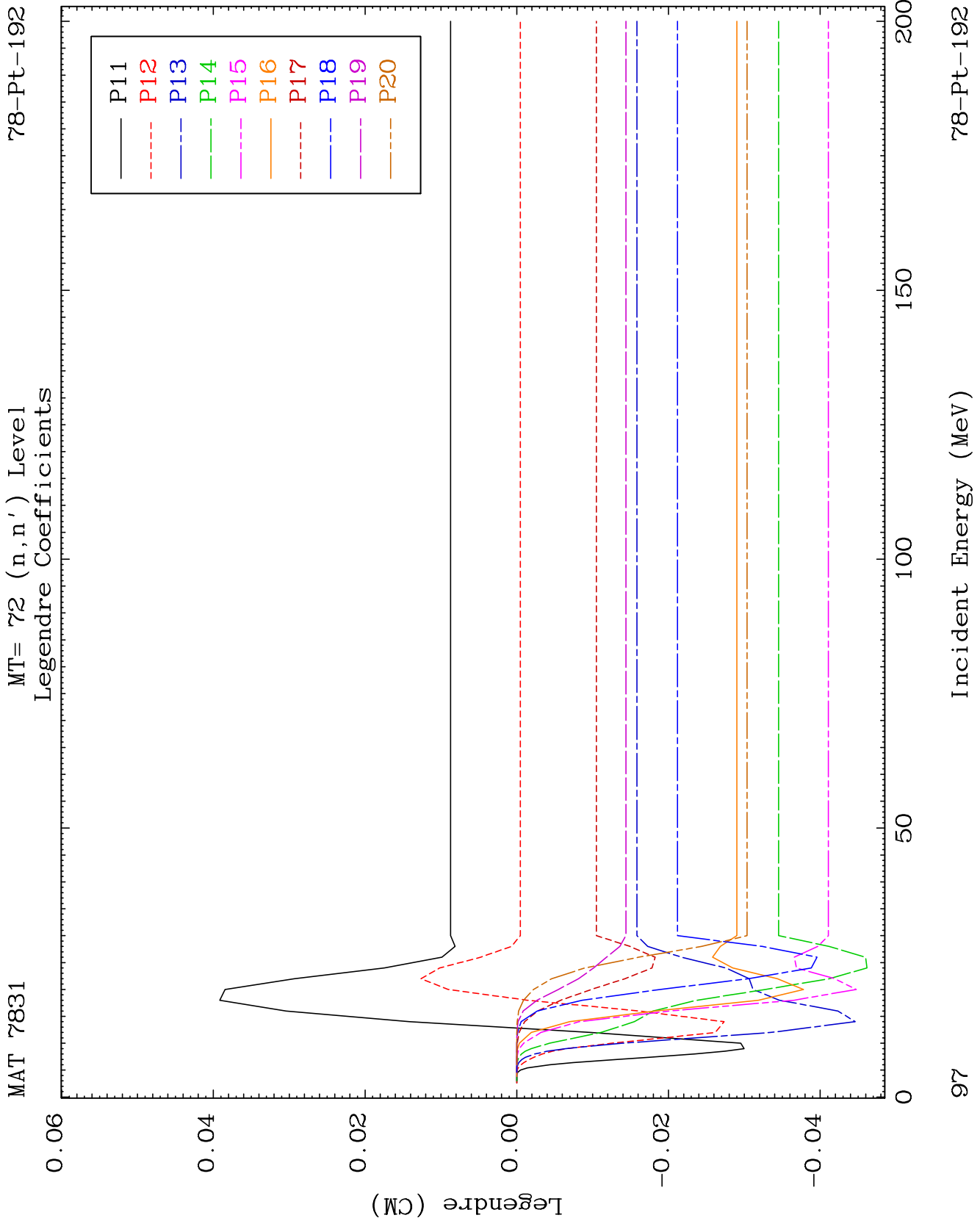


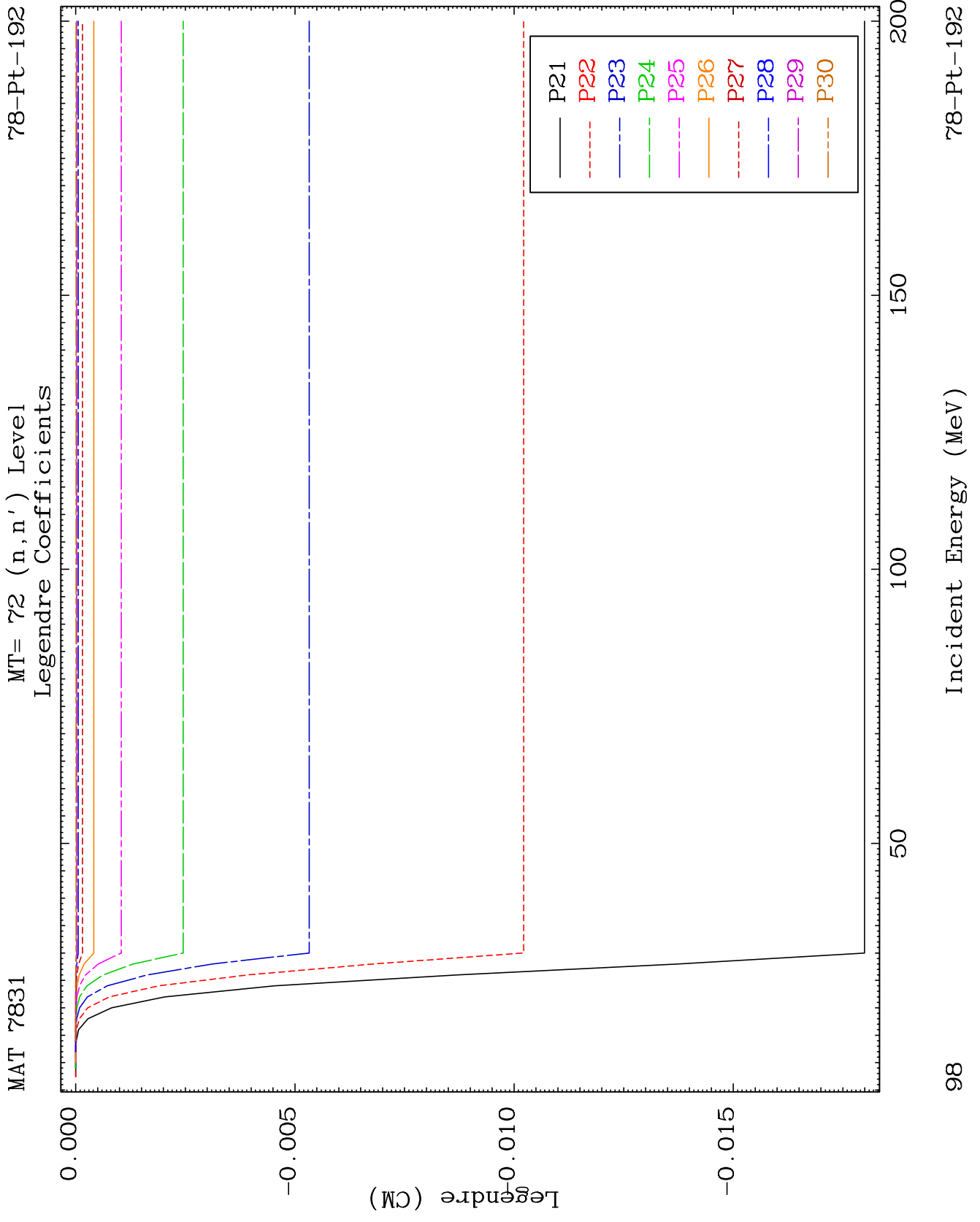
95

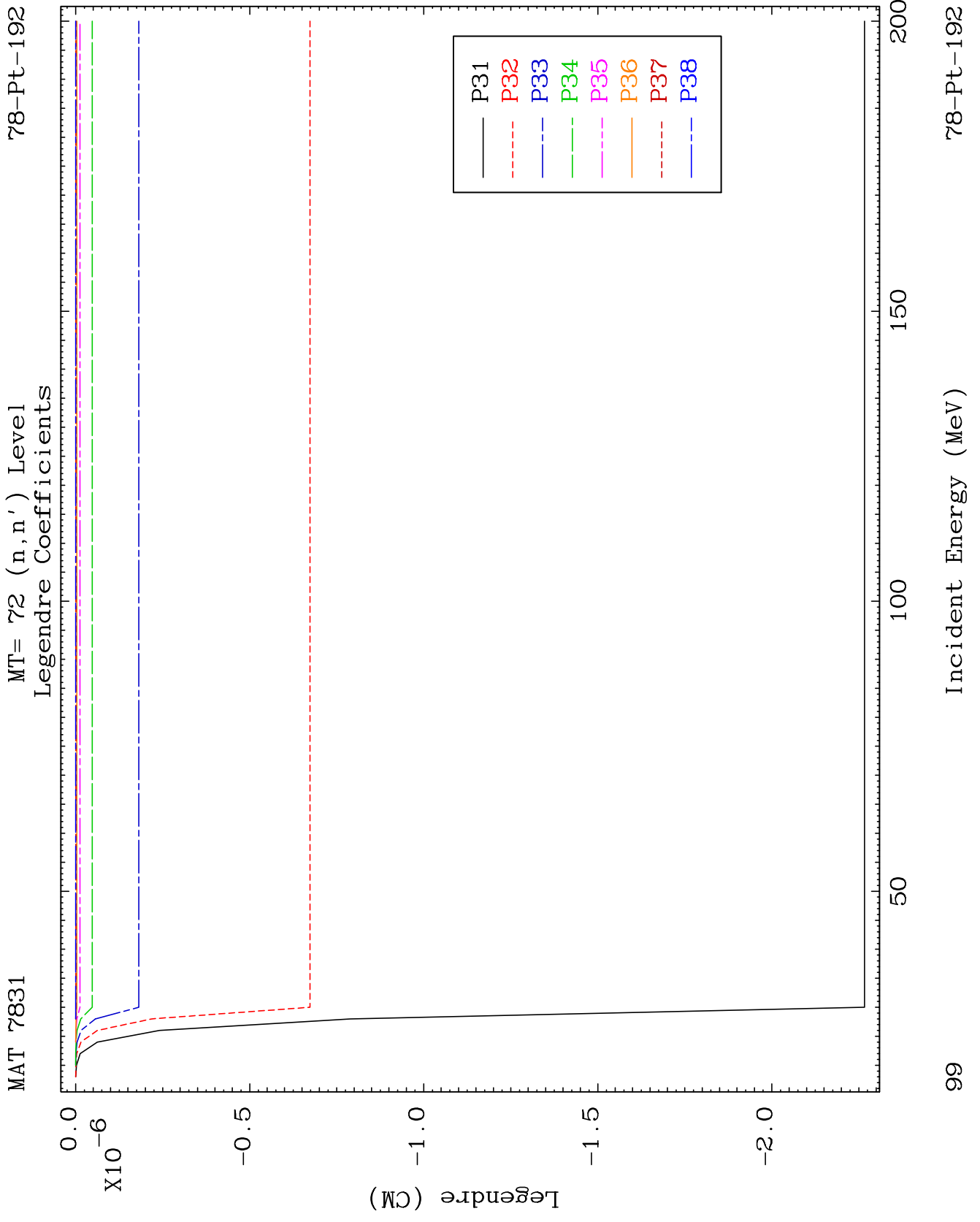
Incident Energy (MeV)

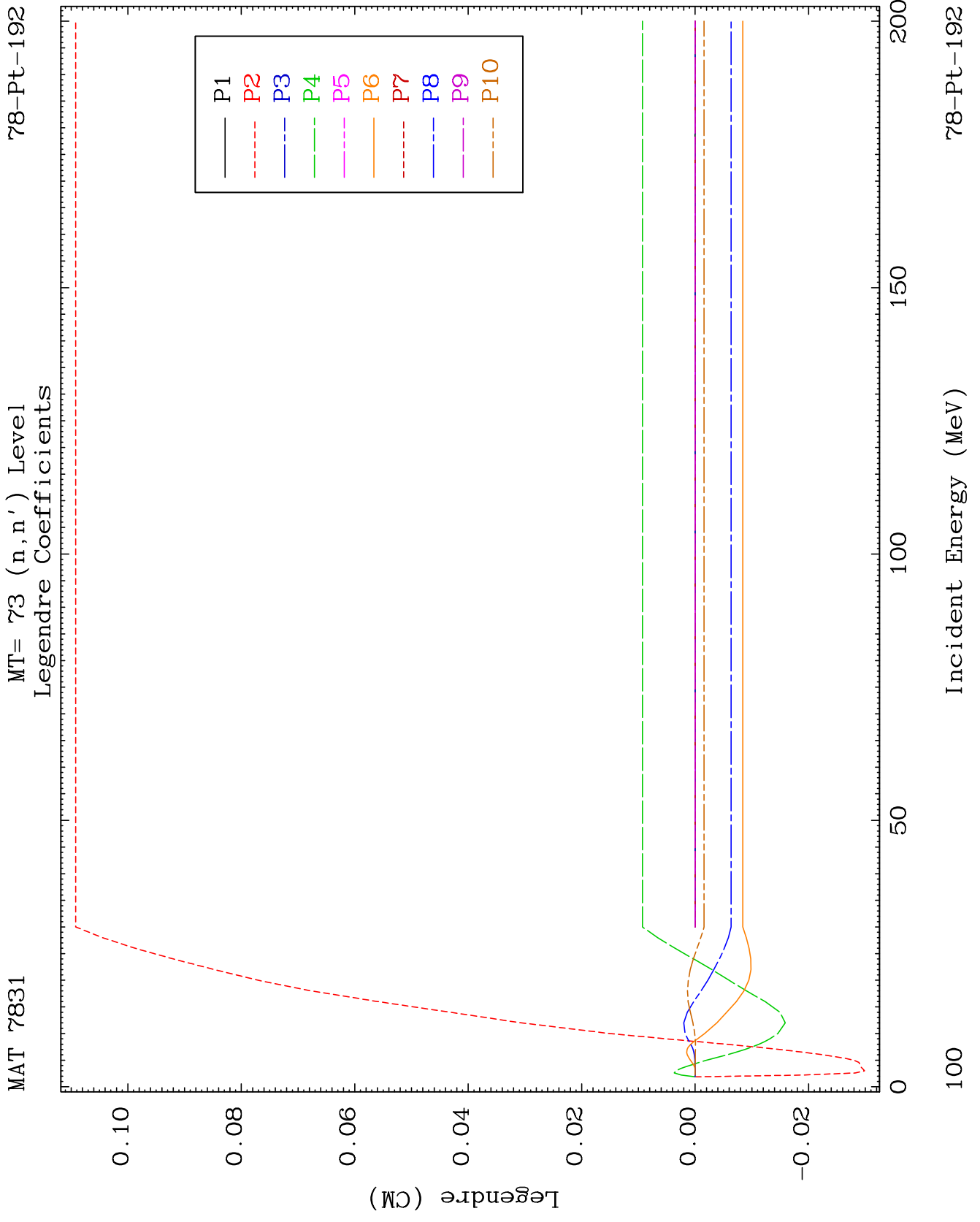
78-Pt-192







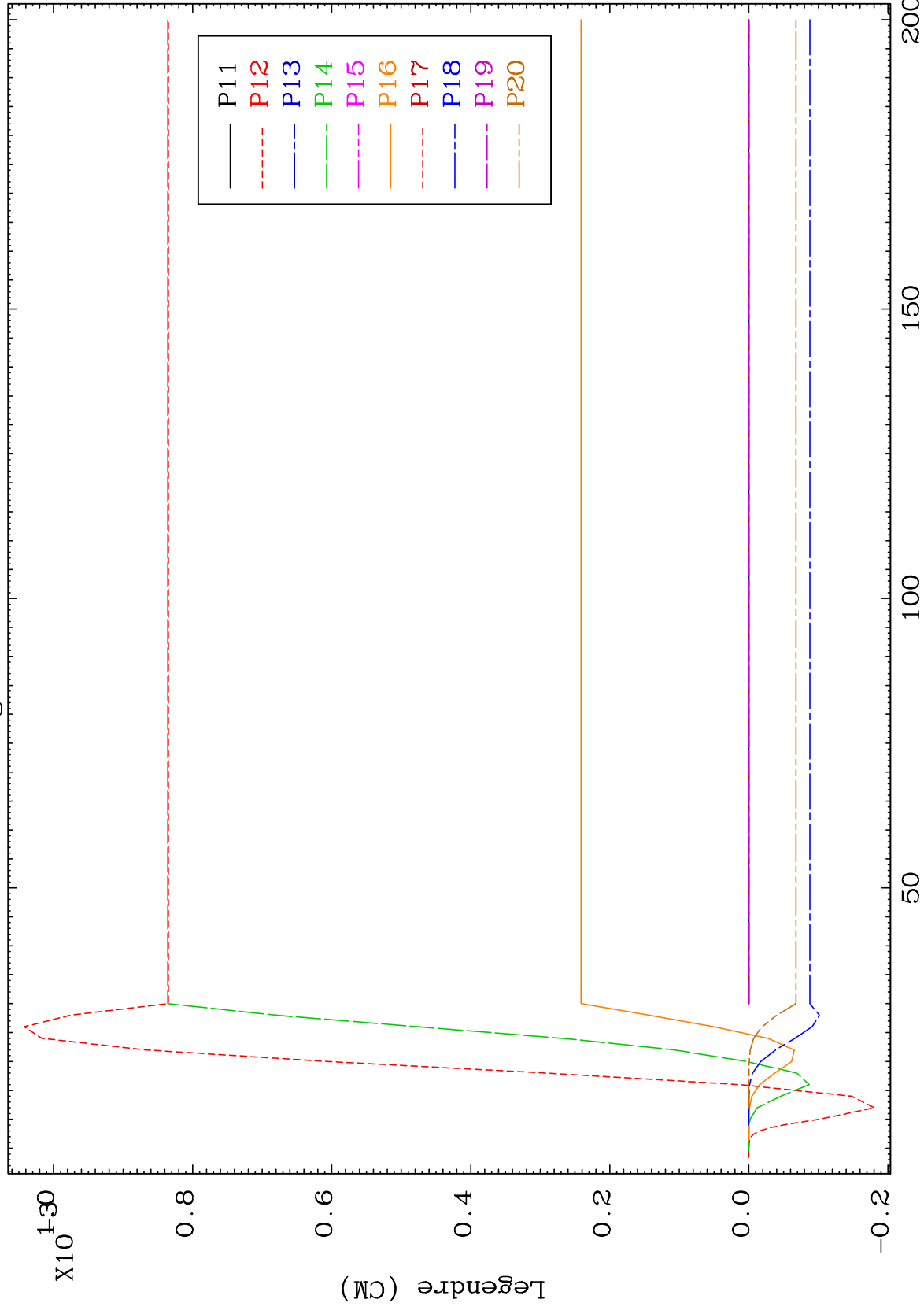




MAT 7831

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

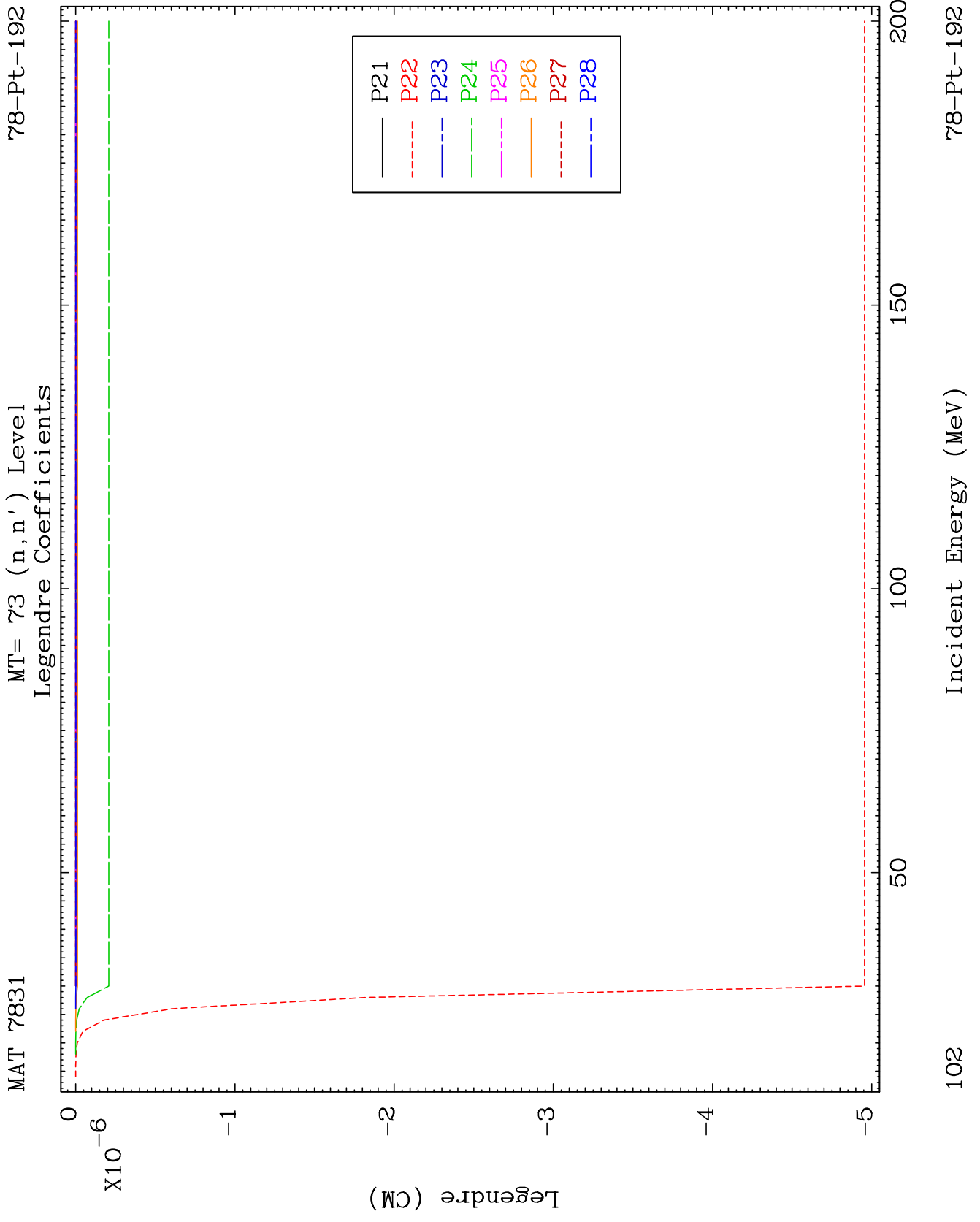
78-Pt-192



101

Incident Energy (MeV)

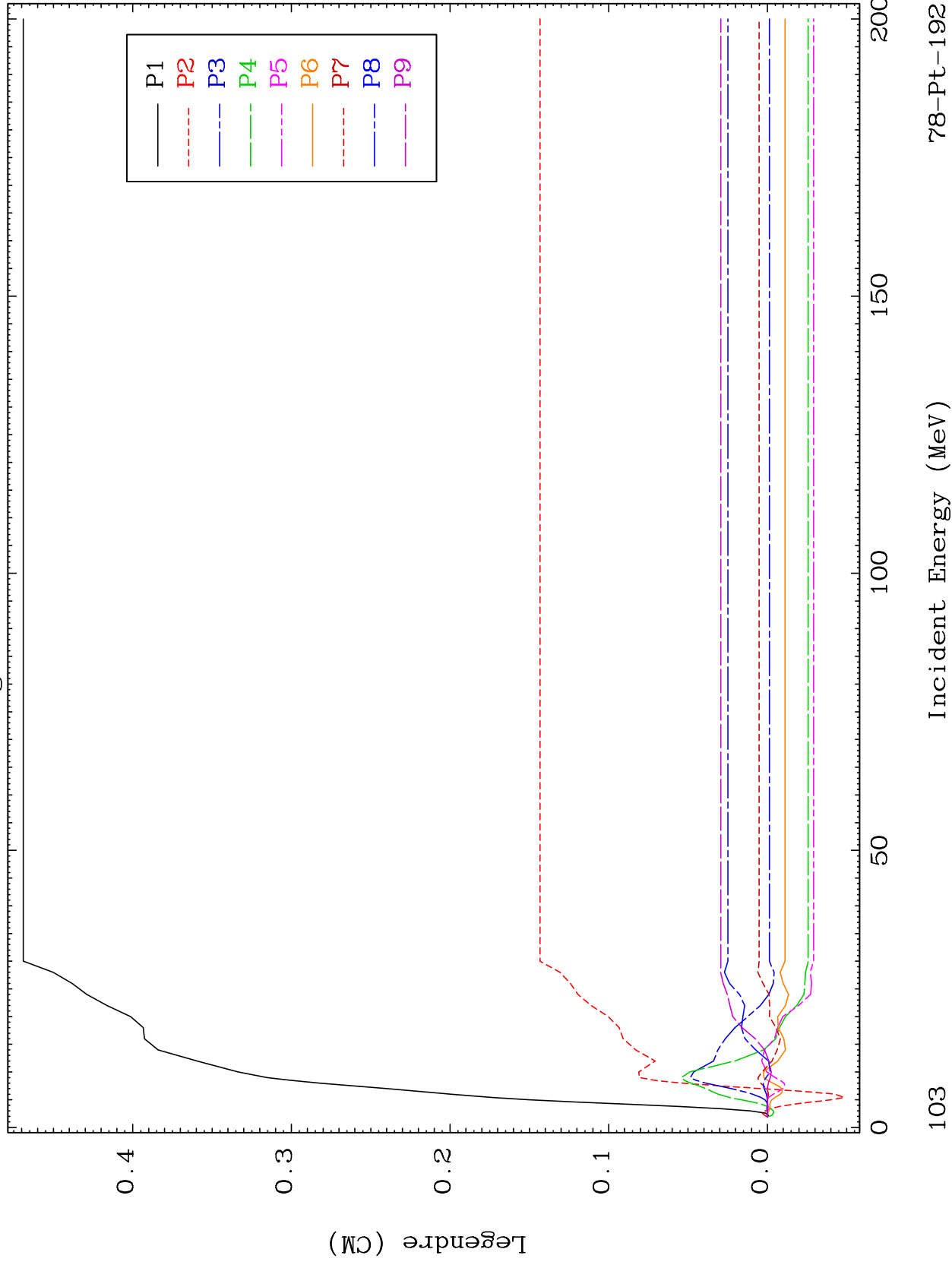
78-Pt-192



MAT 7831

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

78-Pt-192



78-Pt-192

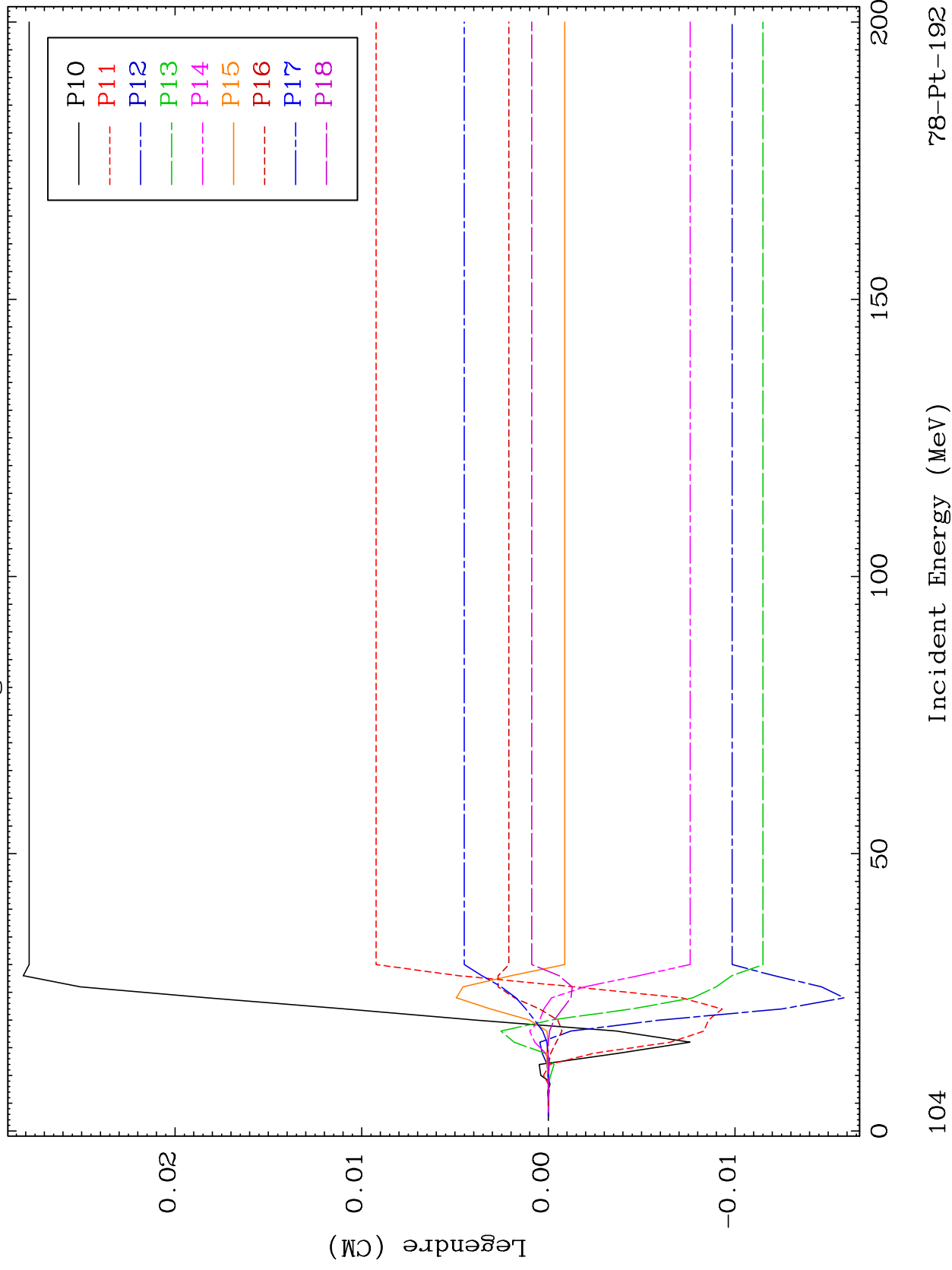
Incident Energy (MeV)

103

MAT 7831

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

78-Pt-192



78-Pt-192

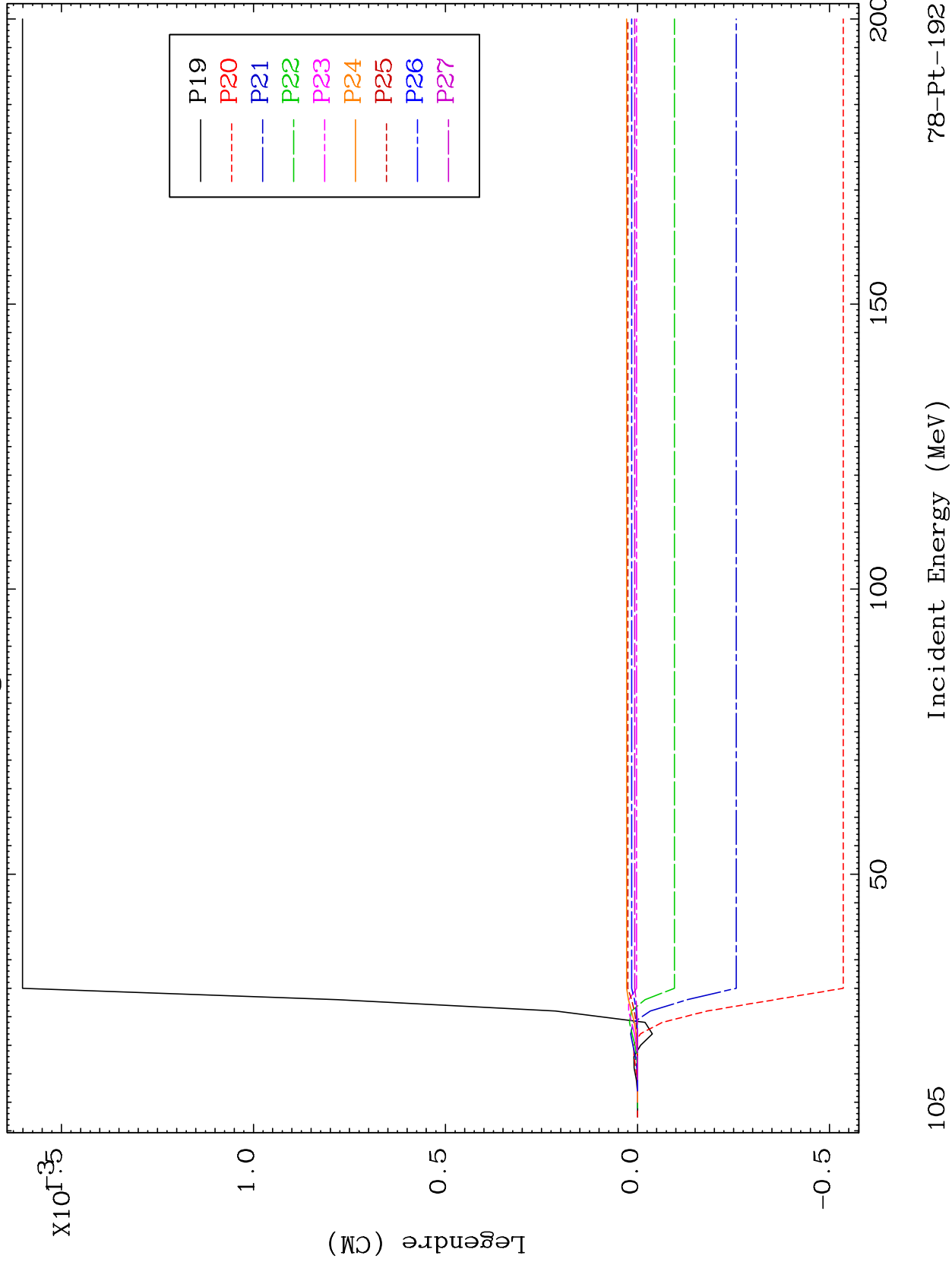
Incident Energy (MeV)

104

MAT 7831

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

78-Pt-192

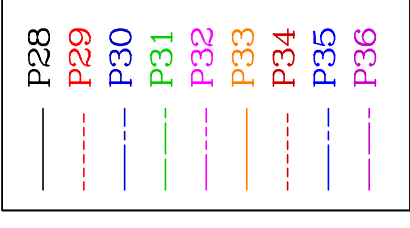


MAT 7831

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

78-Pt-192

$\times 10^{-6}$
3
2
1
0



Legendre (CM)

50 100 150 200

106

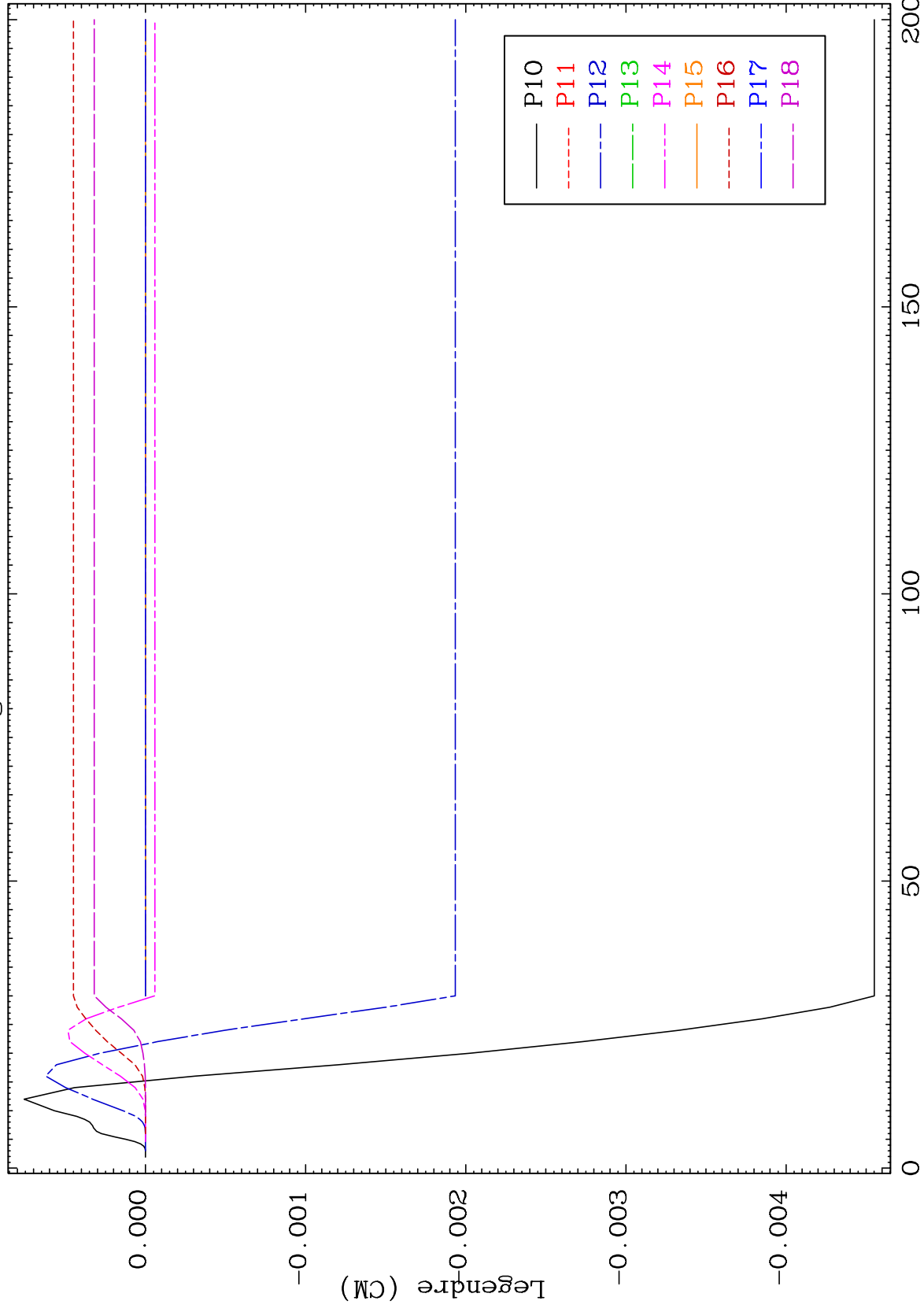
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

78-Pt-192



108

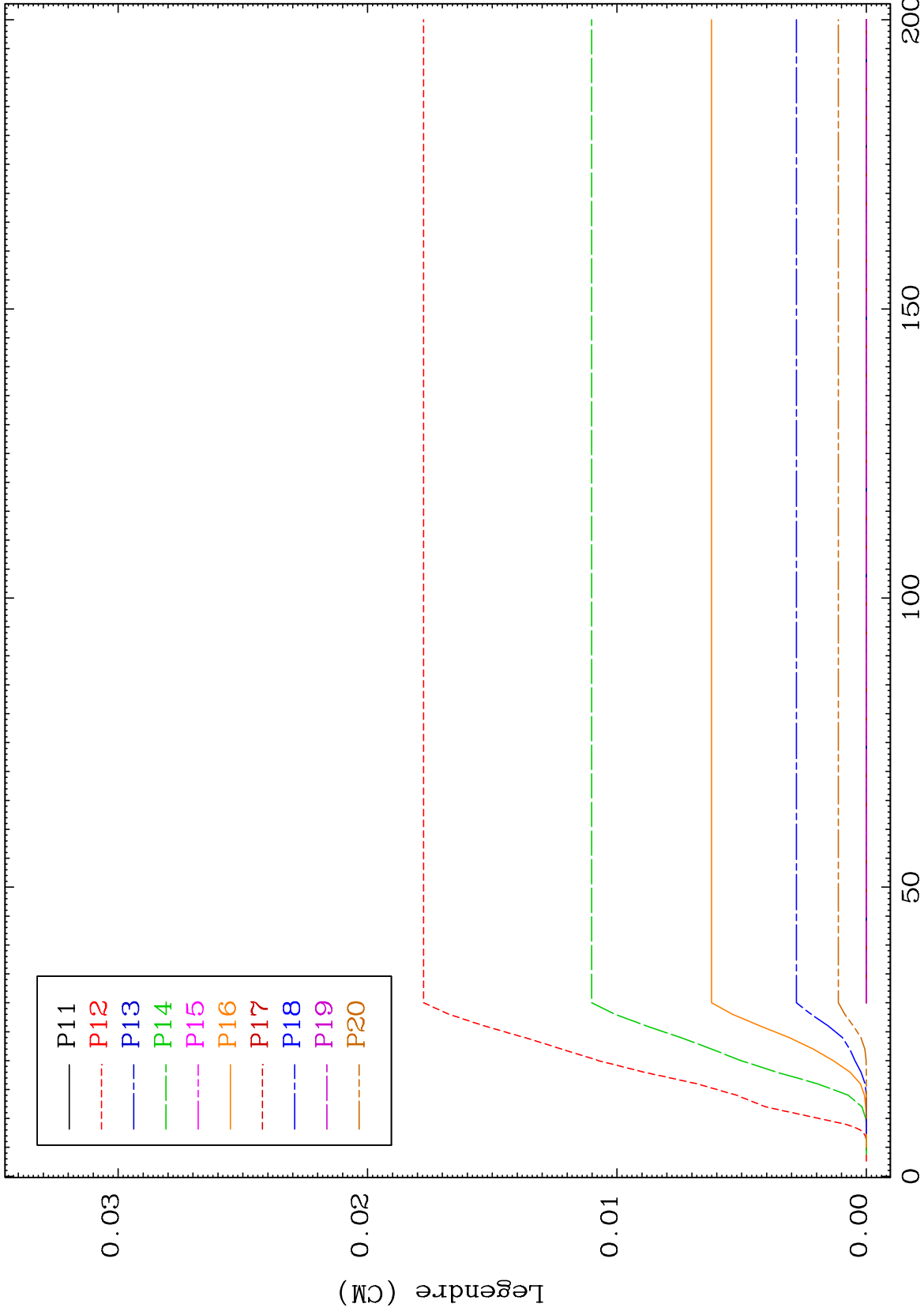
Incident Energy (MeV)

78-Pt-192

MAT 7831

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

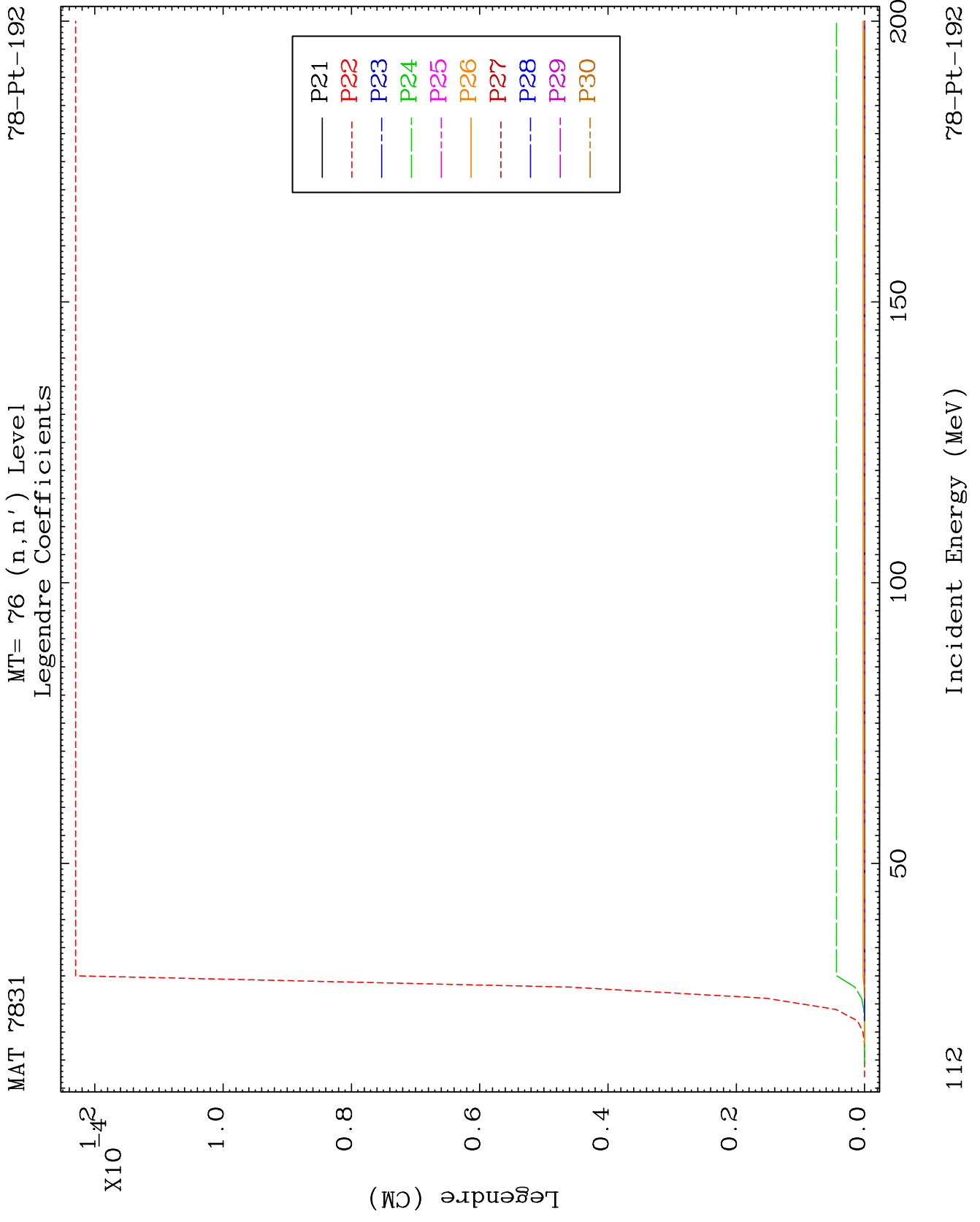
78-Pt-192



111

Incident Energy (MeV)

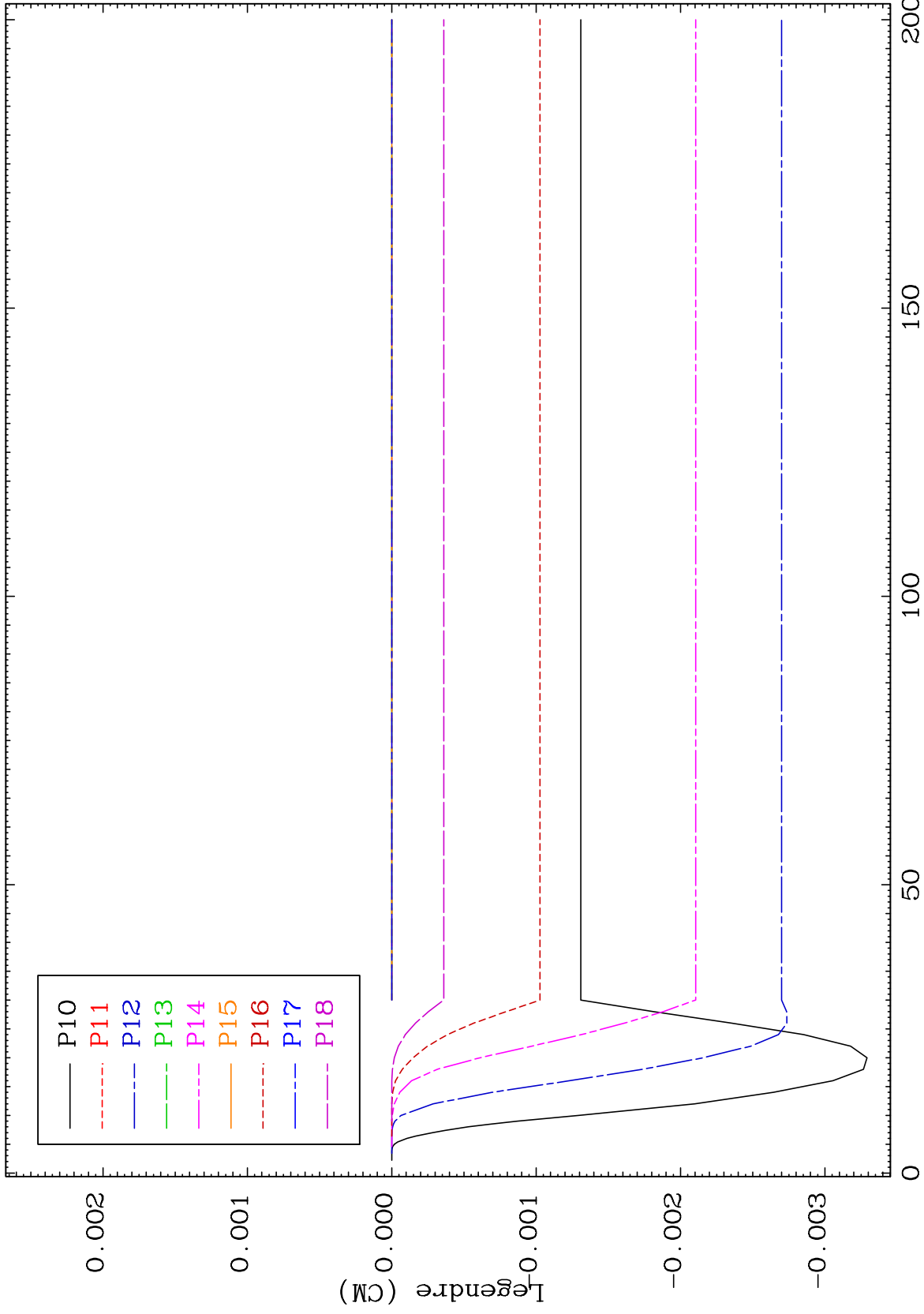
78-Pt-192



MAT 7831

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

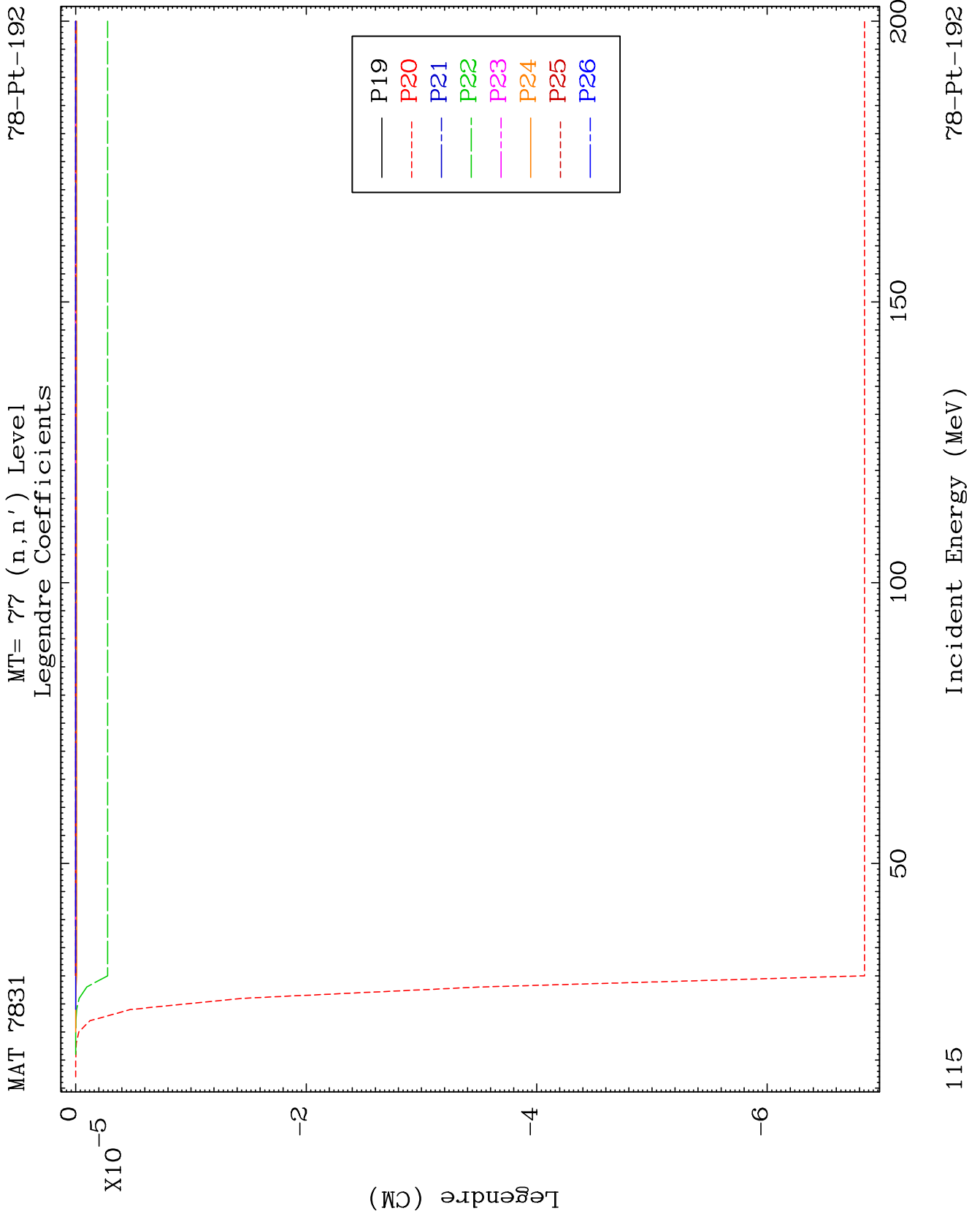
78-Pt-192

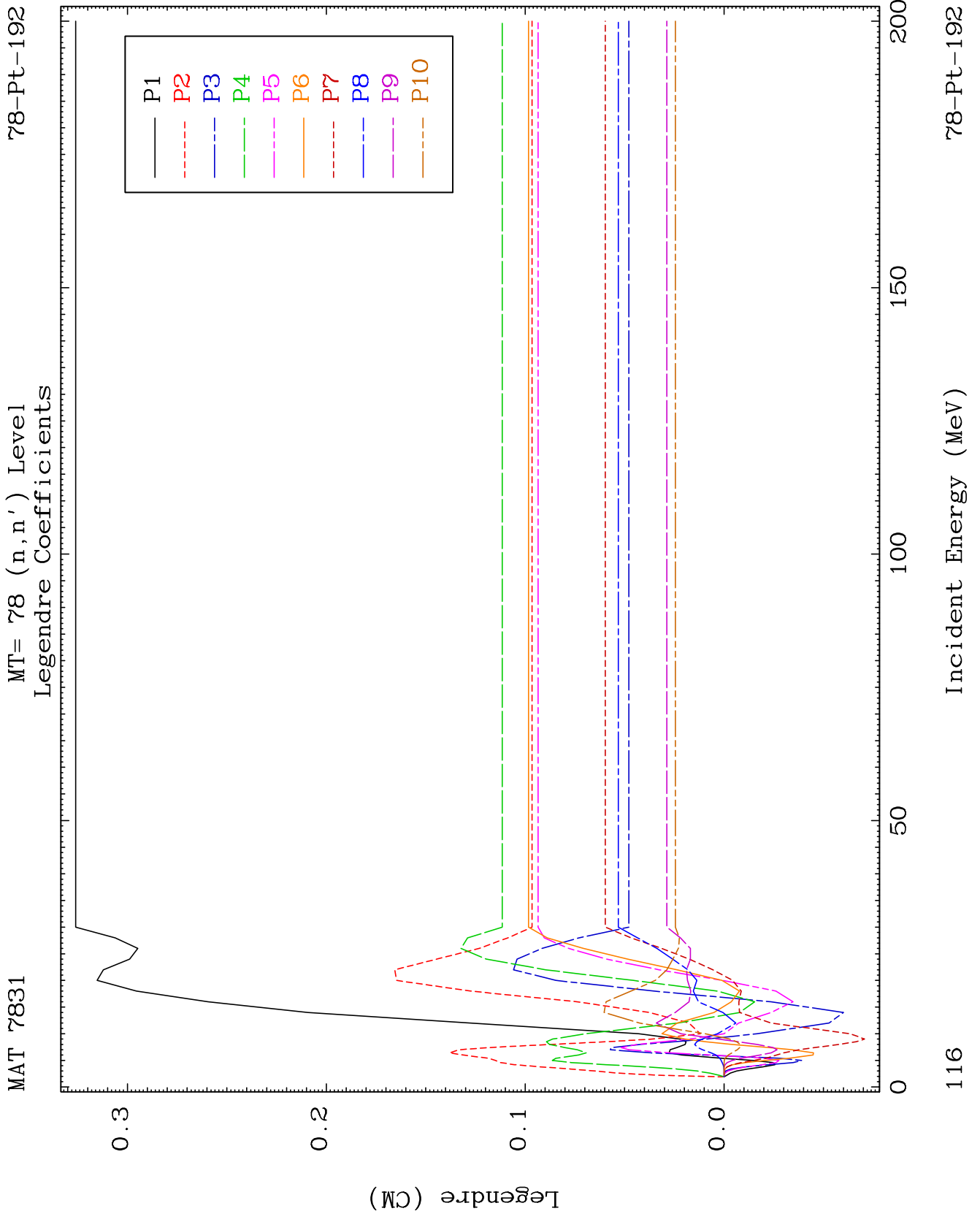


114

Incident Energy (MeV)

78-Pt-192

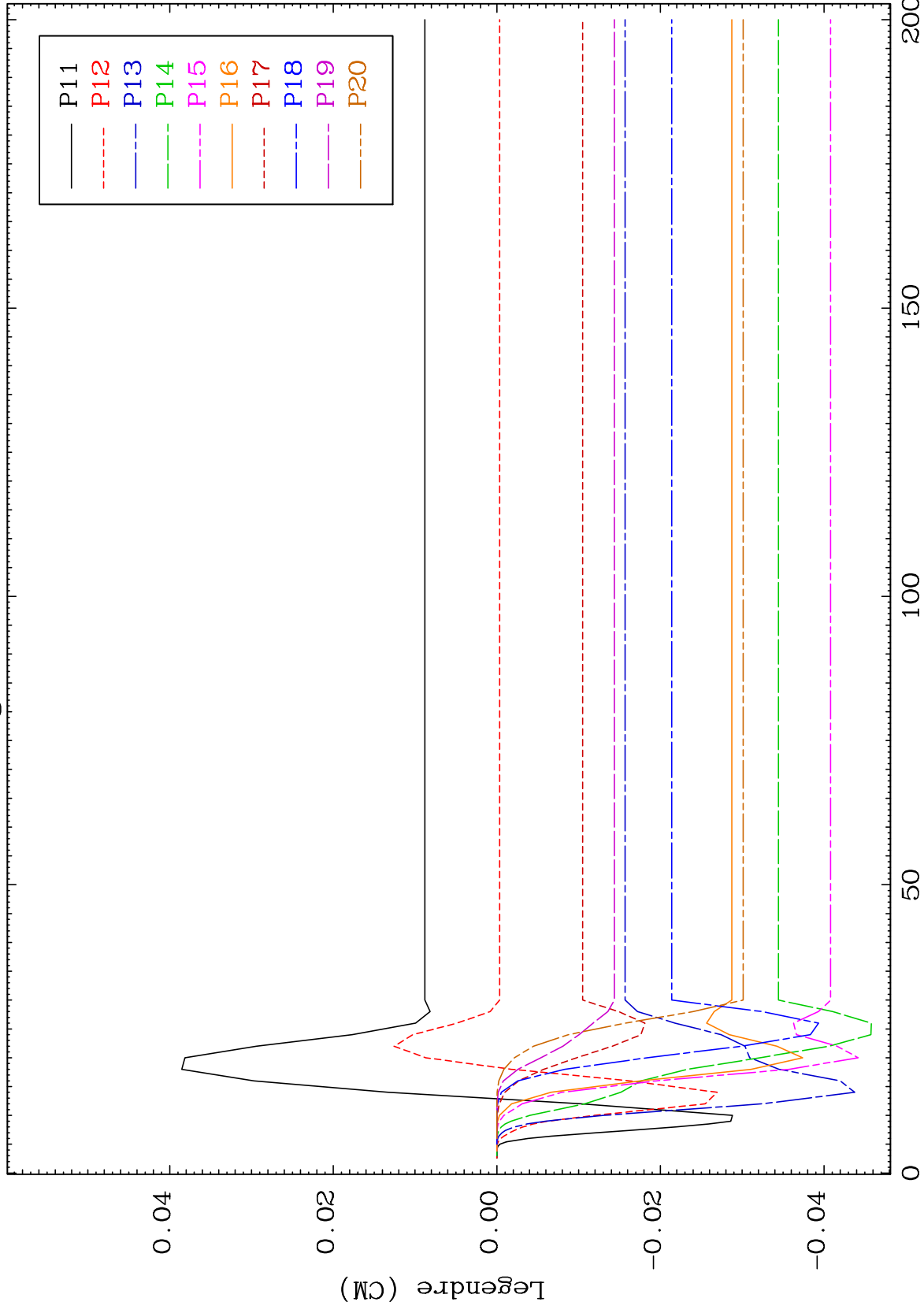




MAT 7831

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

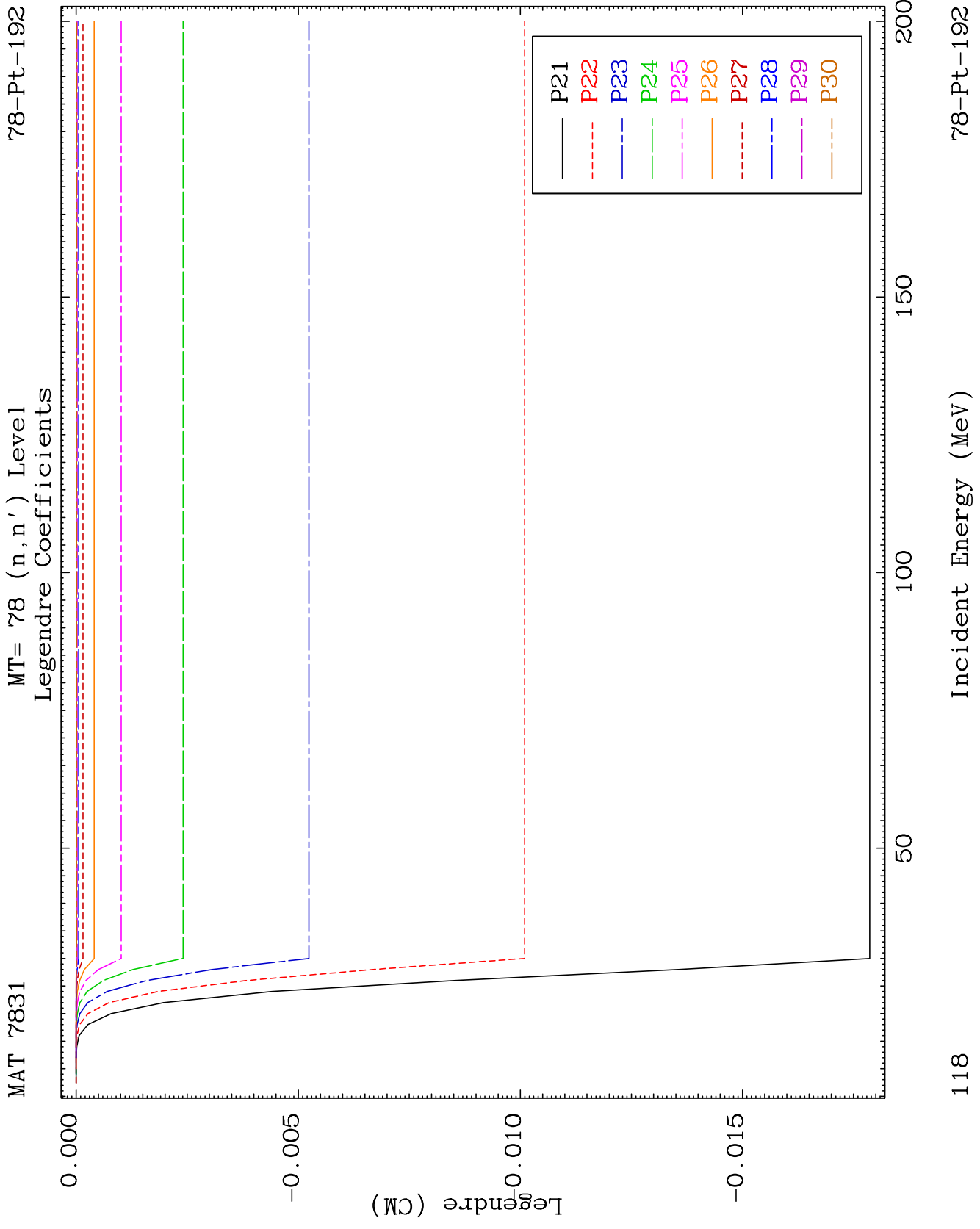
78-Pt-192

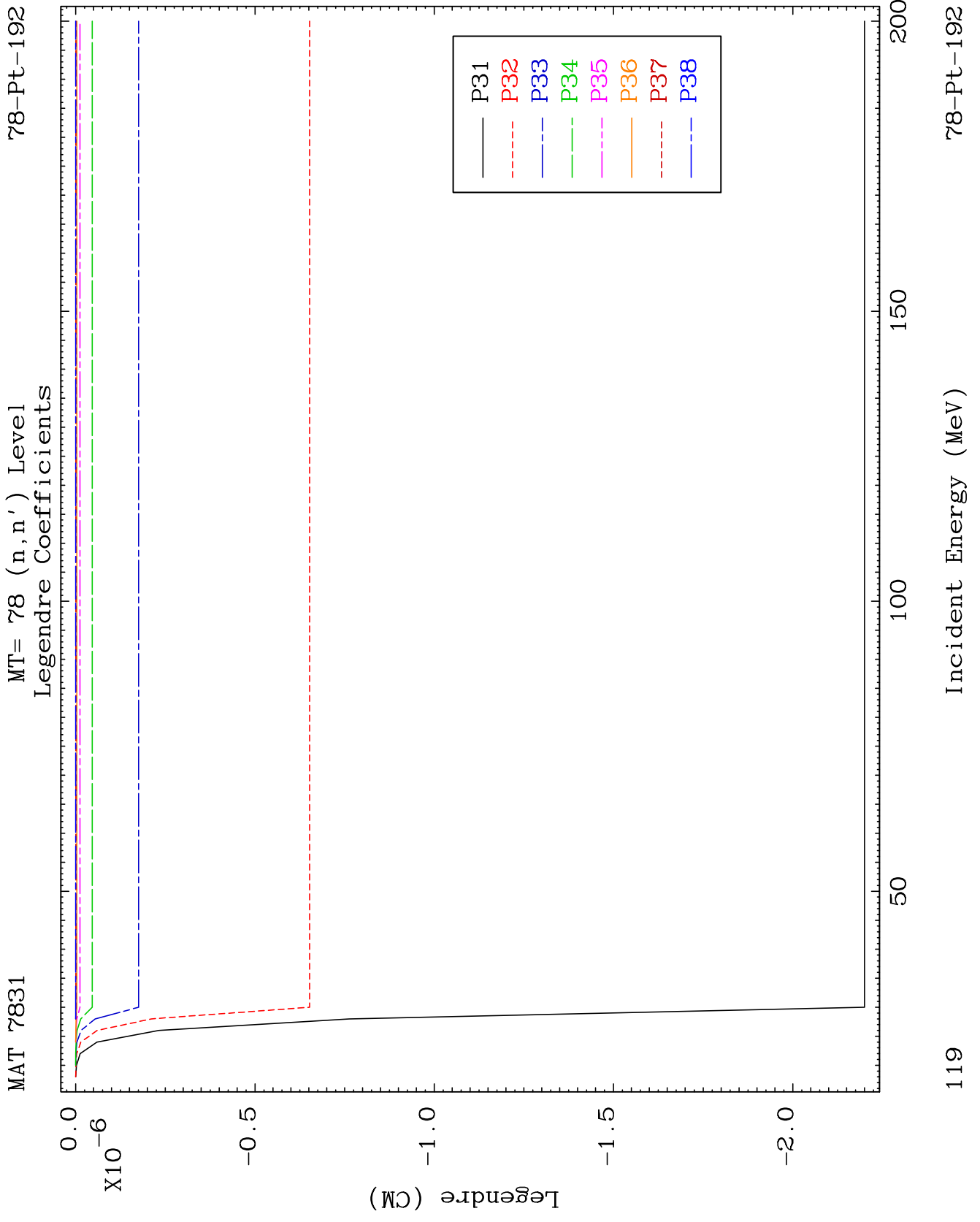


117

Incident Energy (MeV)

78-Pt-192



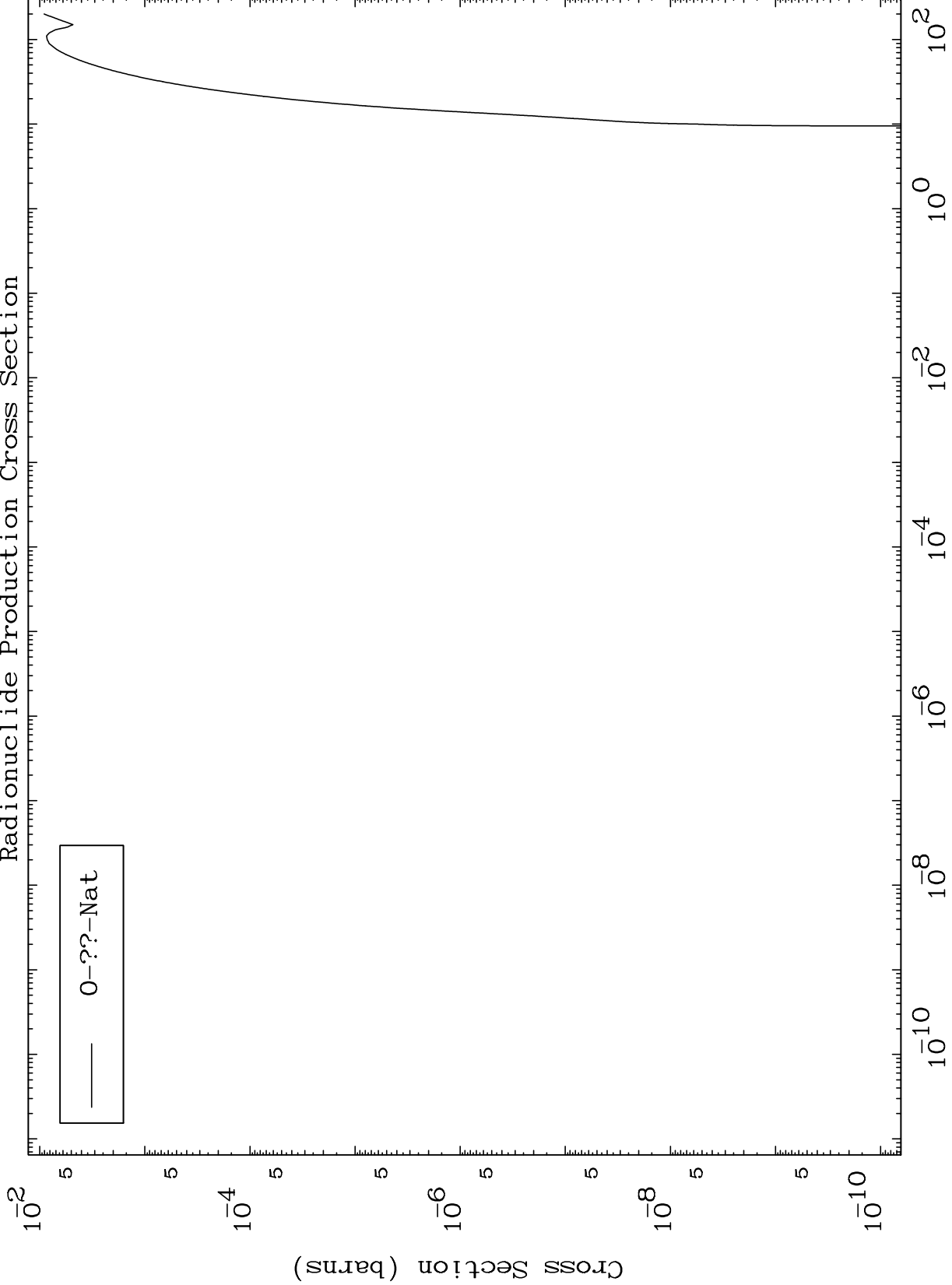


MAT 7831

Fission

78-Pt-192

Radionuclide Production Cross Section



120

Incident Energy (MeV)

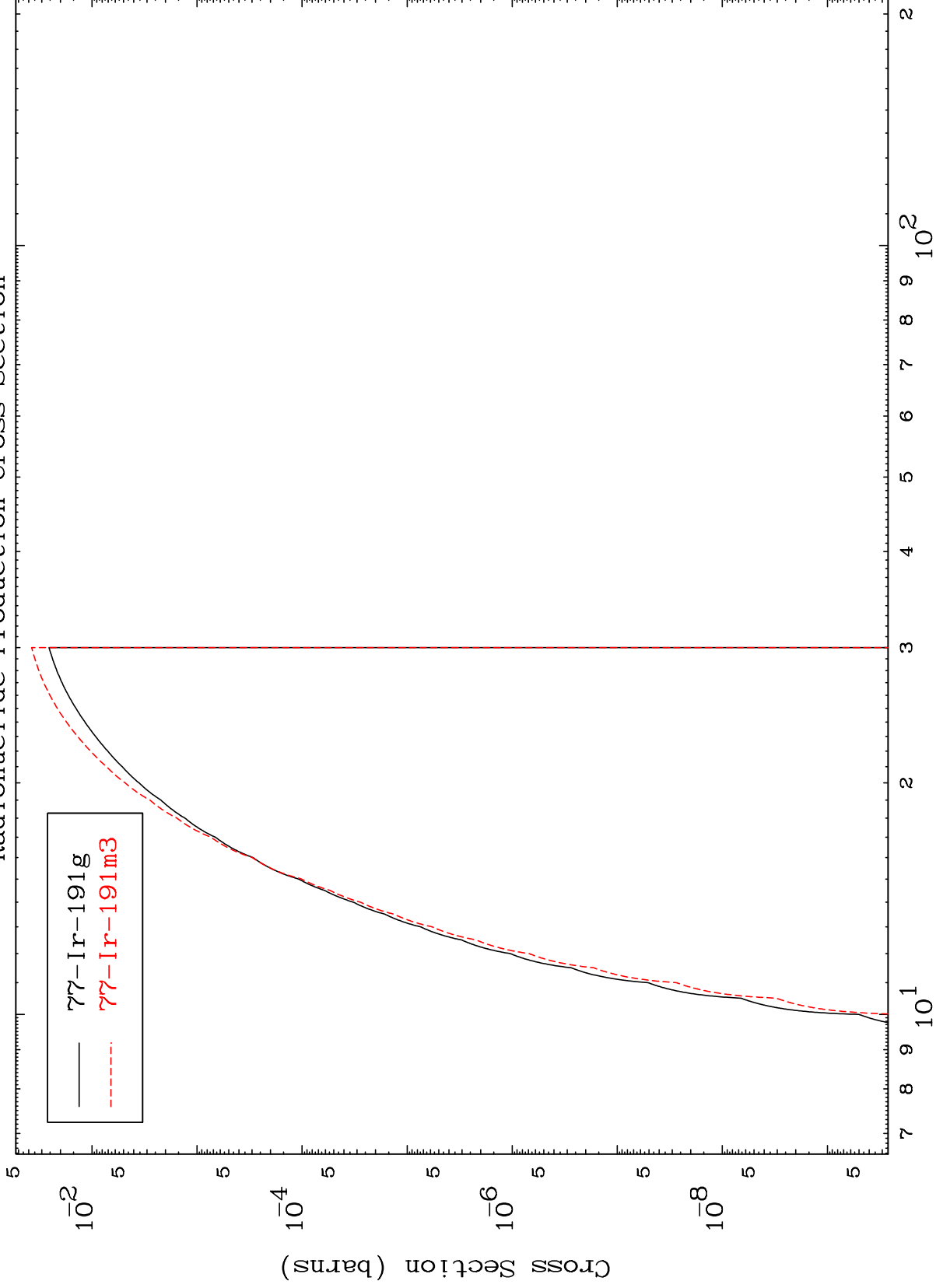
78-Pt-192

MAT 7831

(n,n') p

78-Pt-192

Radionuclide Production Cross Section

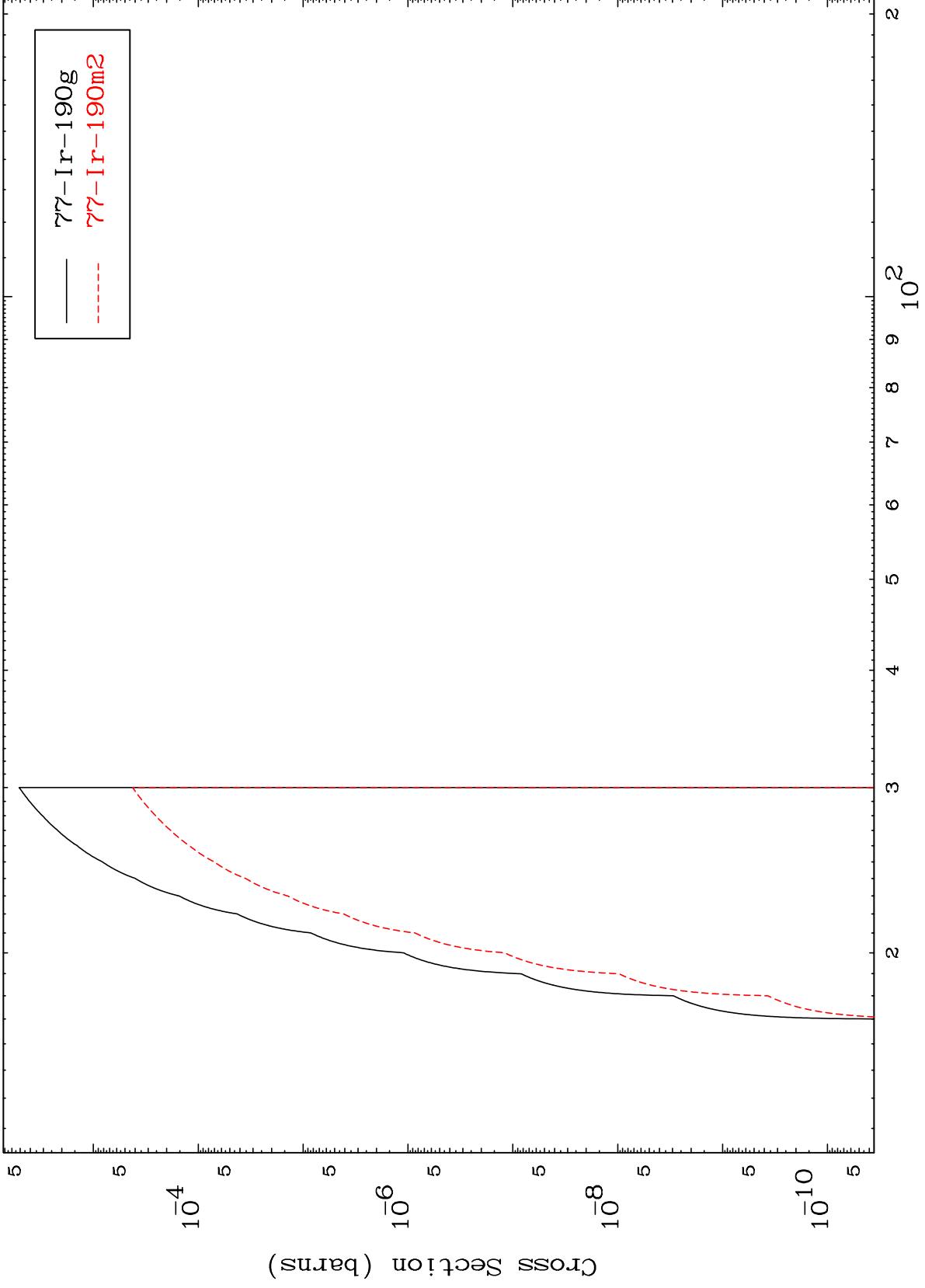


121

Incident Energy (MeV)

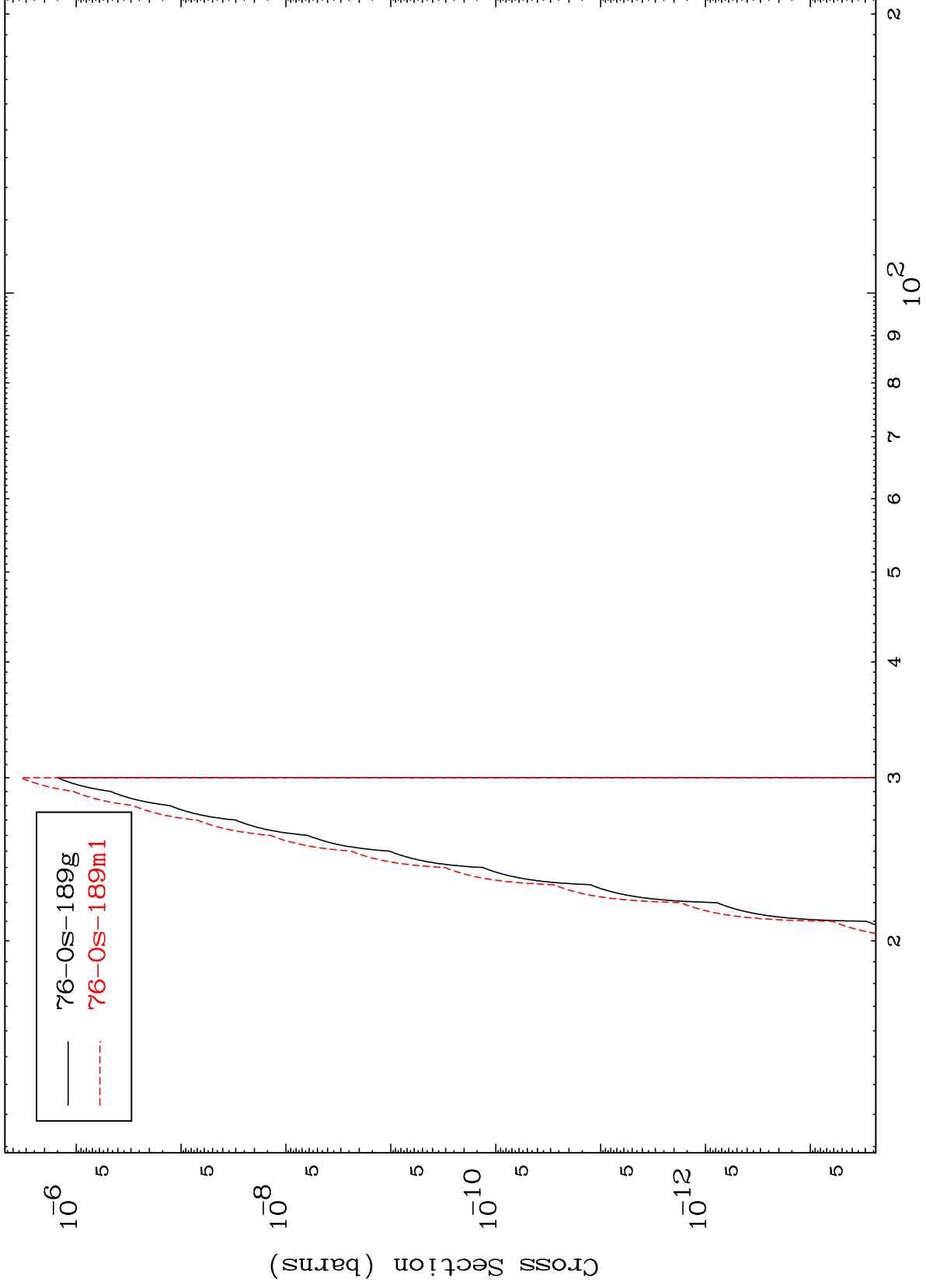
78-Pt-192

Radionuclide Production Cross Section



77-Ir-190g
77-Ir-190m2

Radionuclide Production Cross Section

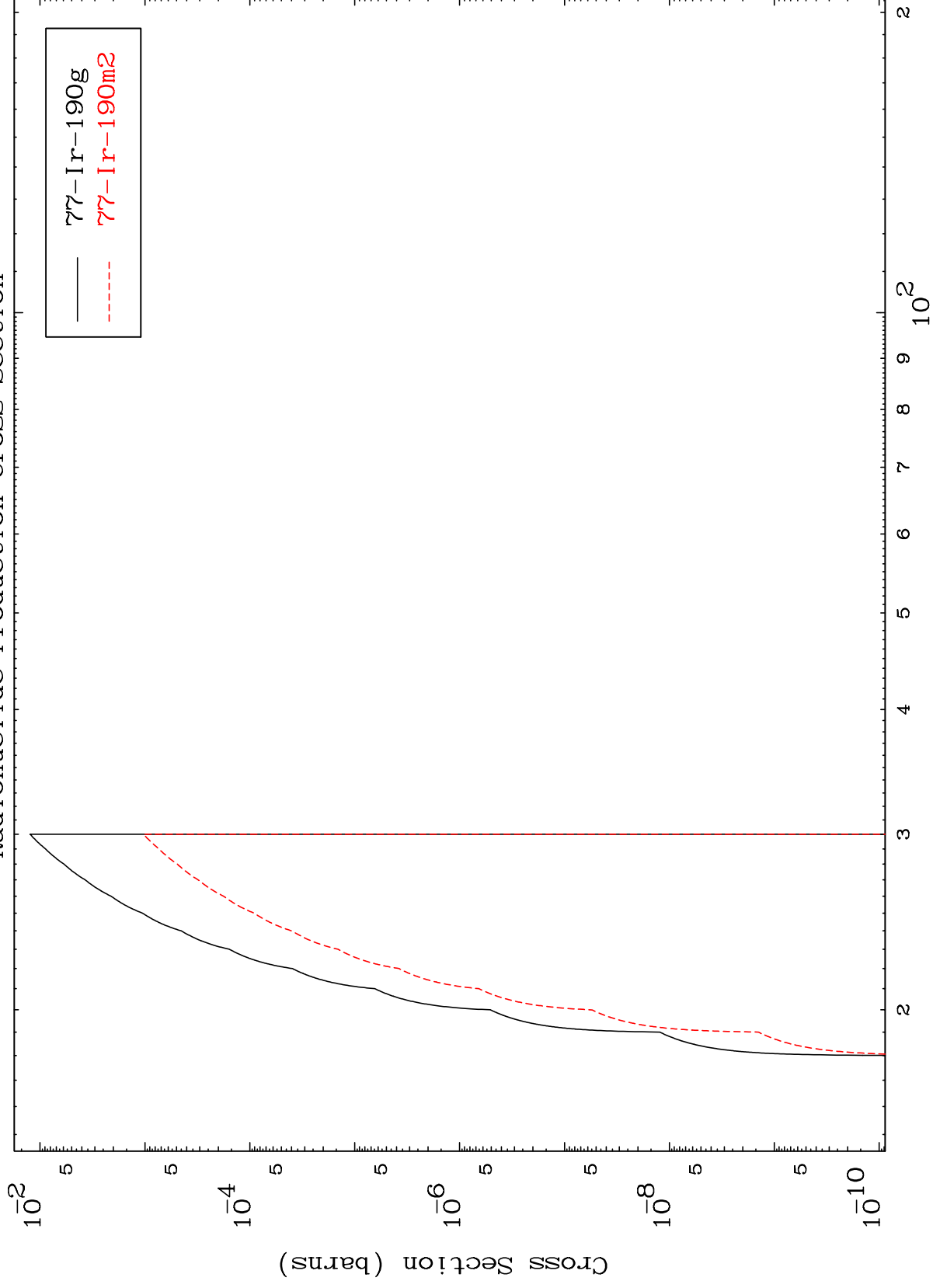


MAT 7831

(n,2n) p

78-Pt-192

Radionuclide Production Cross Section



124

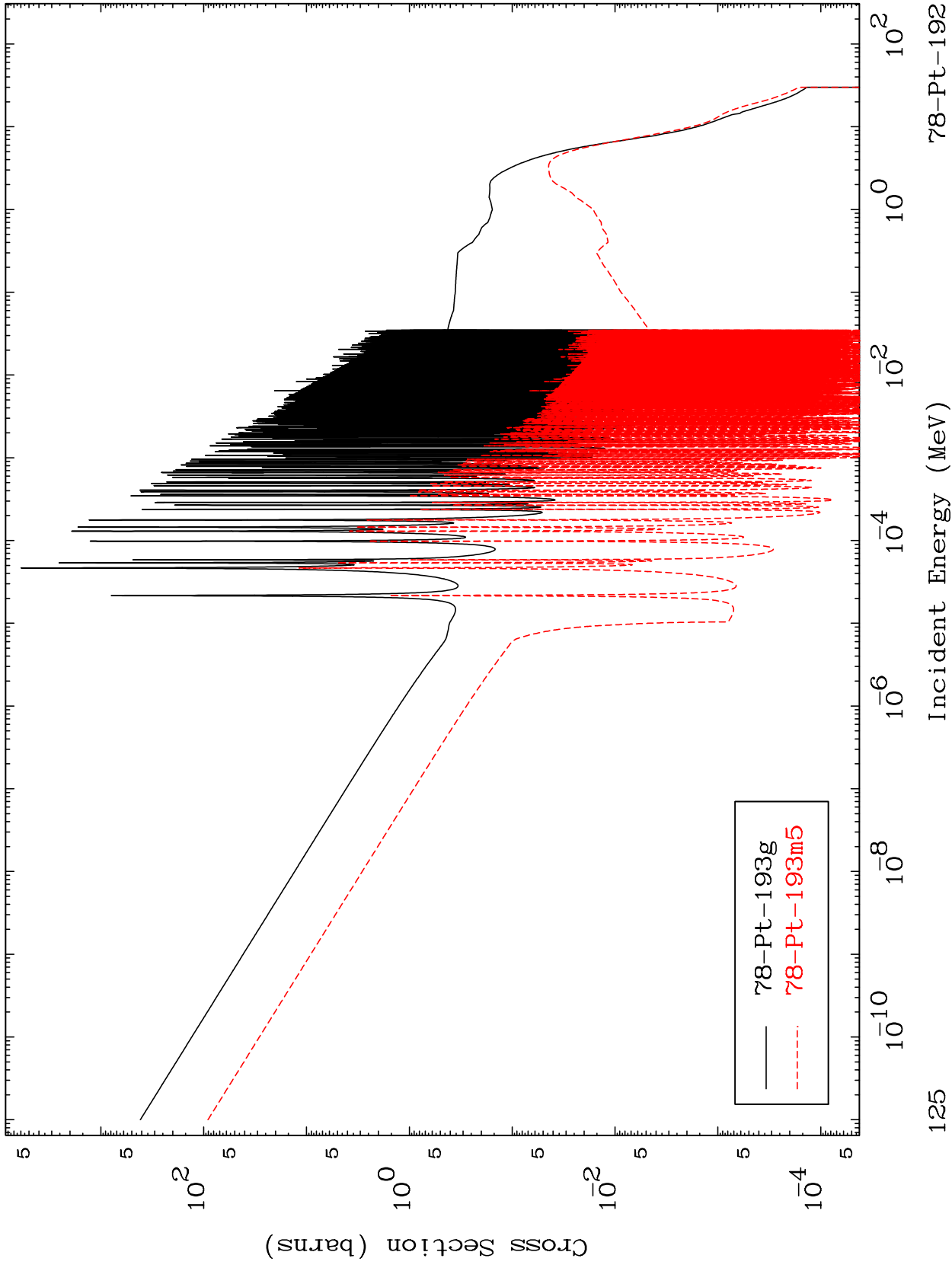
Incident Energy (MeV)

78-Pt-192

MAT 7831

78-Pt-192

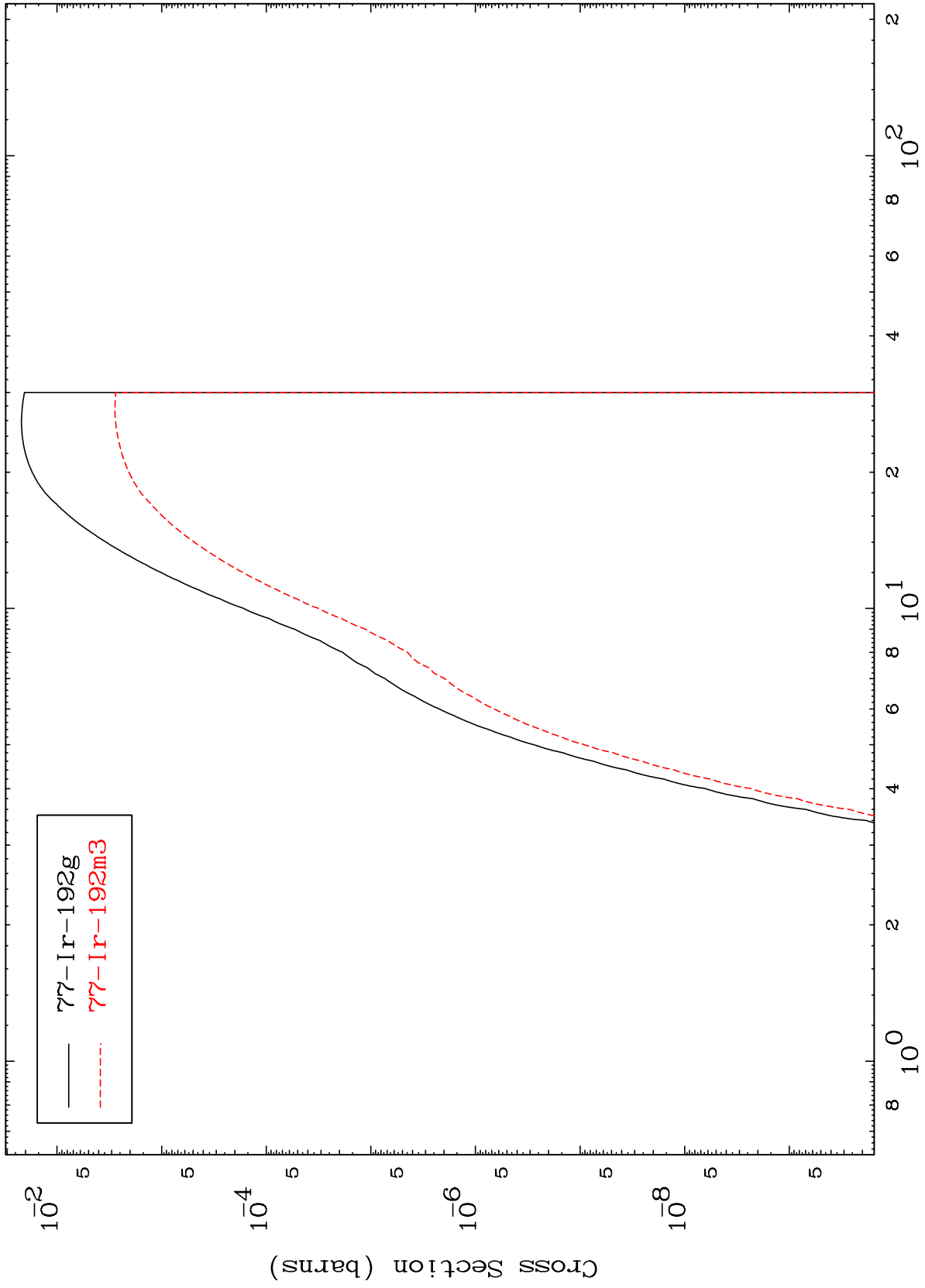
(n, γ)
Radionuclide Production Cross Section



MAT 7831

78-Pt-192

(n,p)
Radionuclide Production Cross Section



126

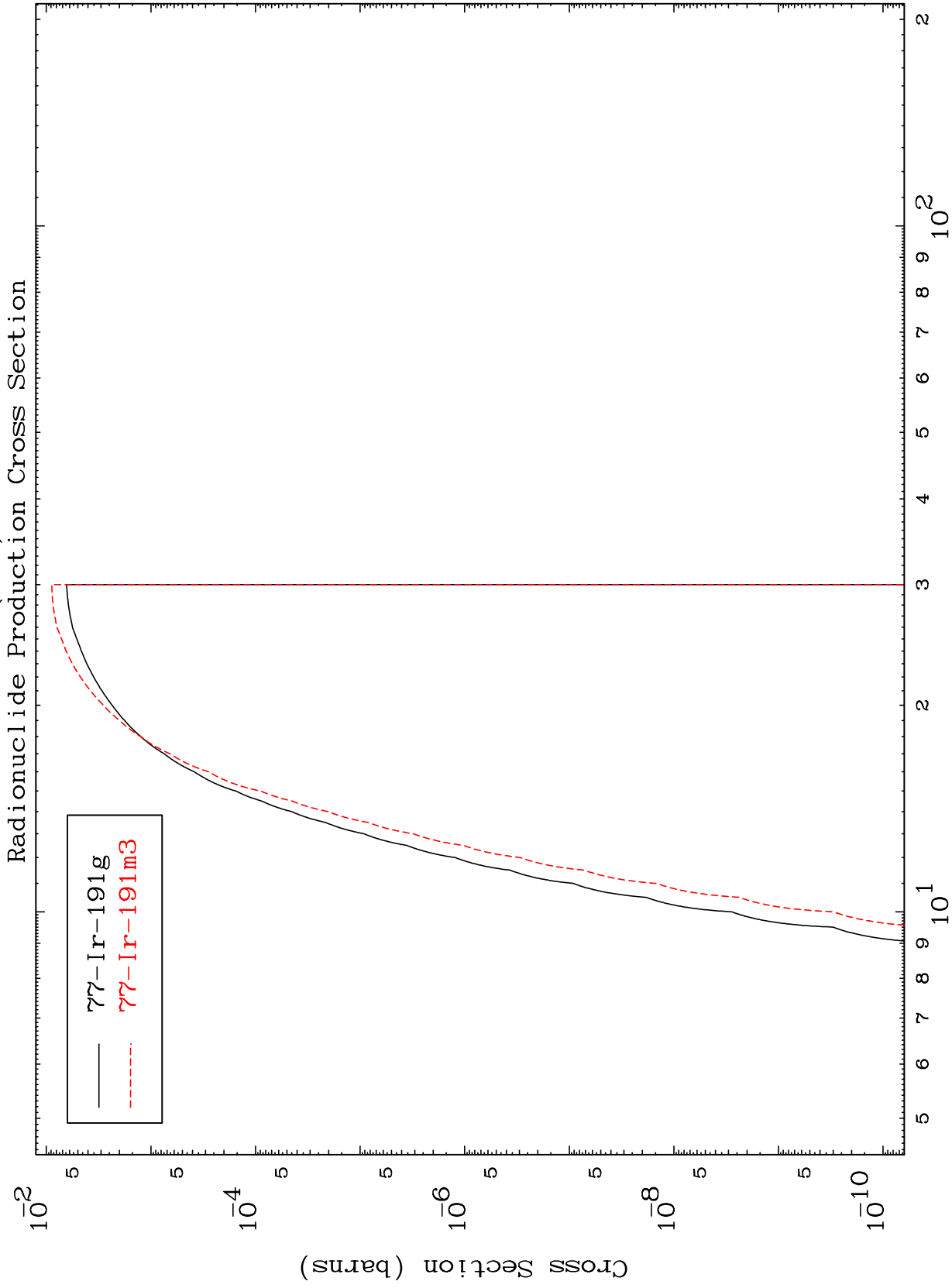
Incident Energy (MeV)

78-Pt-192

MAT 7831

(n, d)

78-Pt-192



127

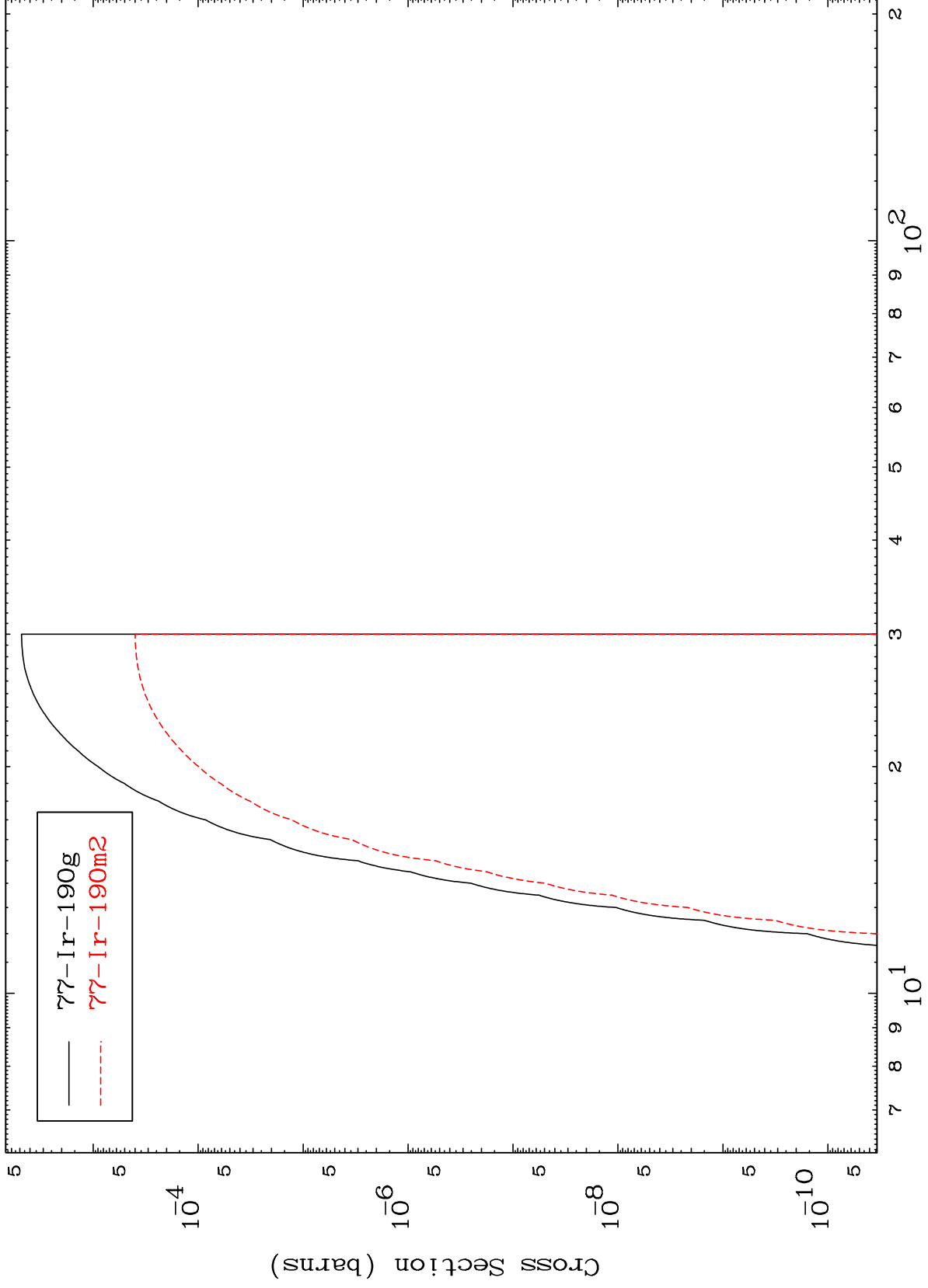
Incident Energy (MeV)

78-Pt-192

MAT 7831

78-Pt-192

(n,t)
Radionuclide Production Cross Section



128

Incident Energy (MeV)

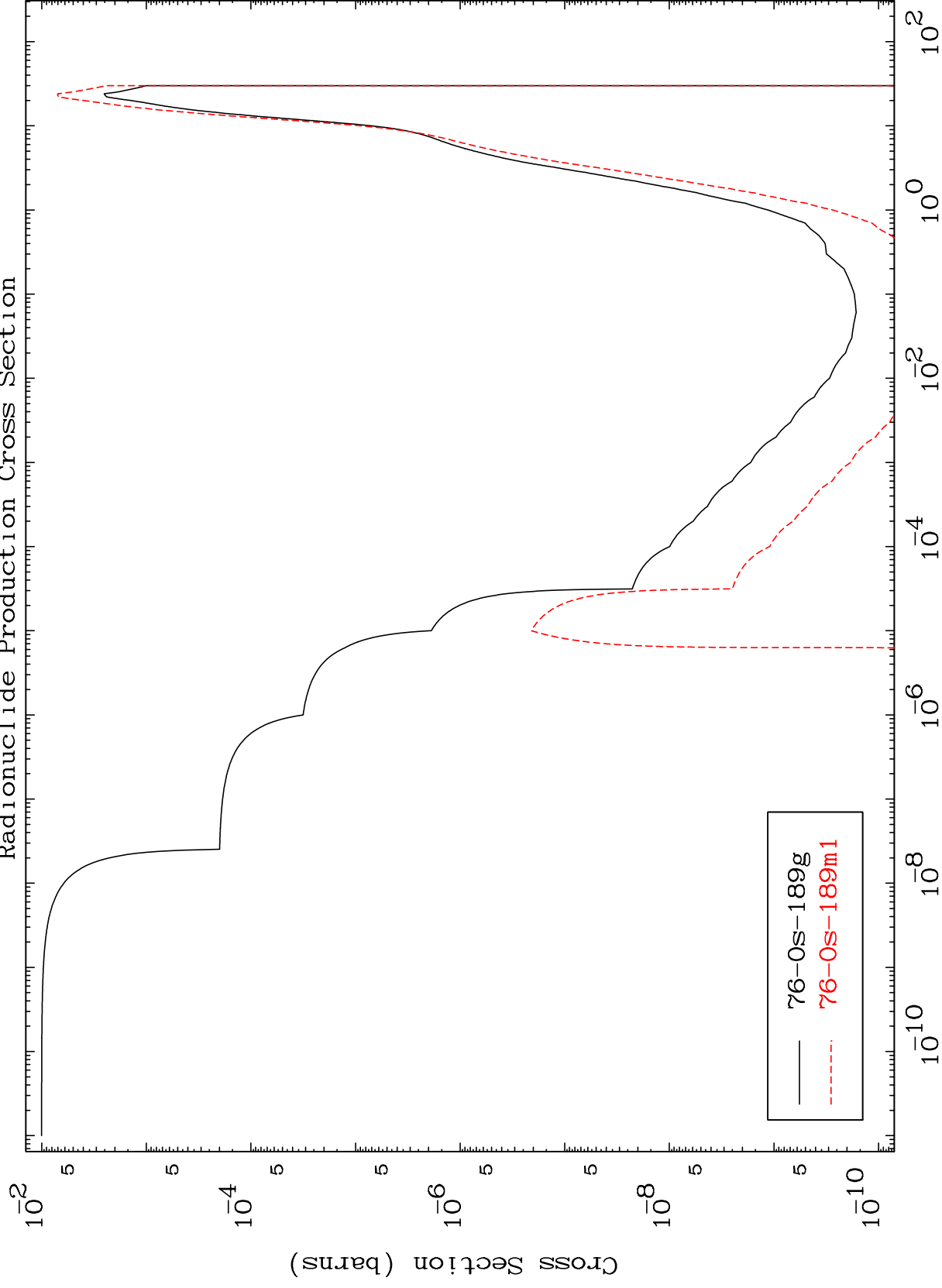
78-Pt-192

MAT 7831

78-Pt-192

Radionuclide Production Cross Section

(n, α)



78-Pt-192

Incident Energy (MeV)

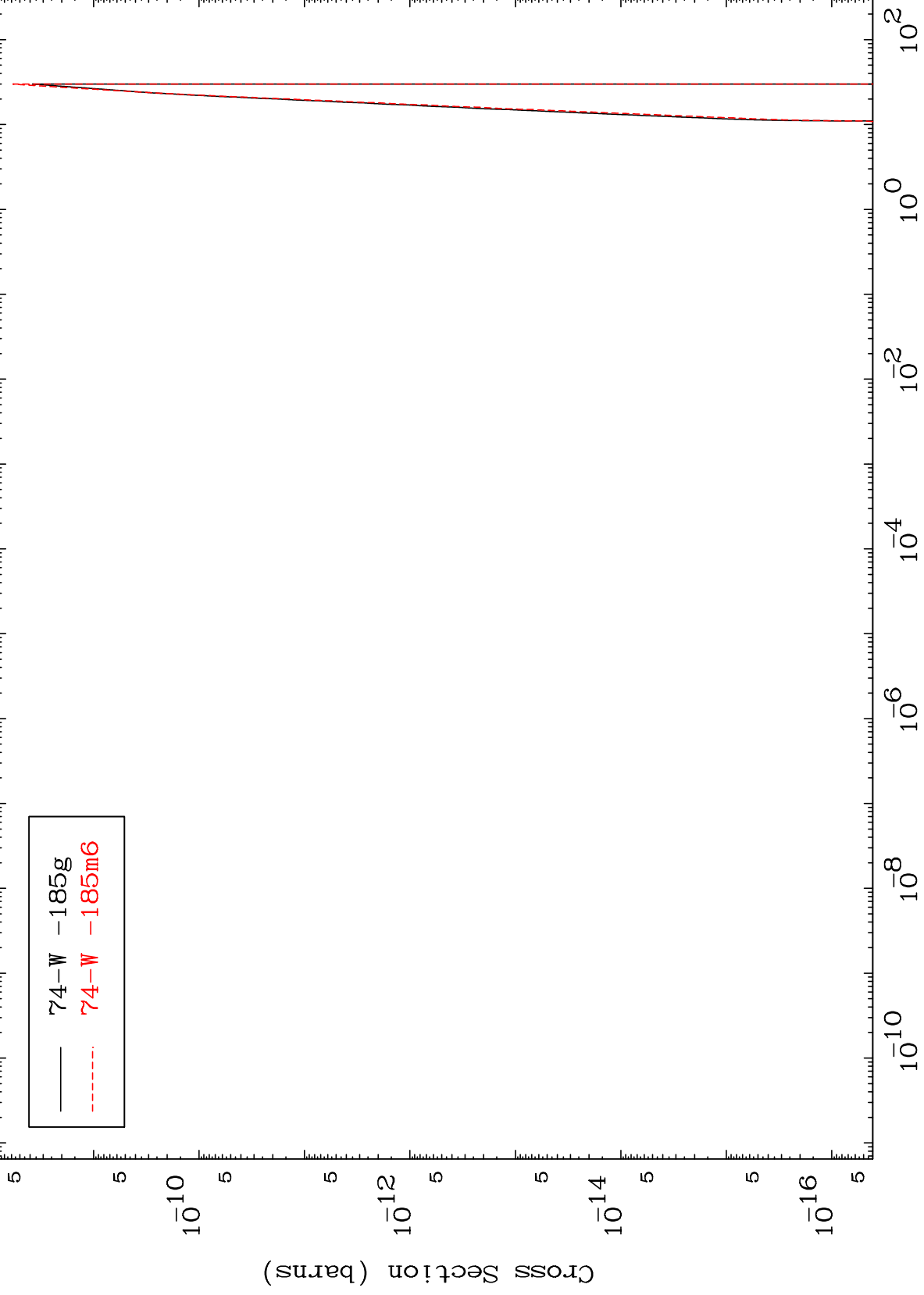
129

MAT 7831

(n,2α)

78-Pt-192

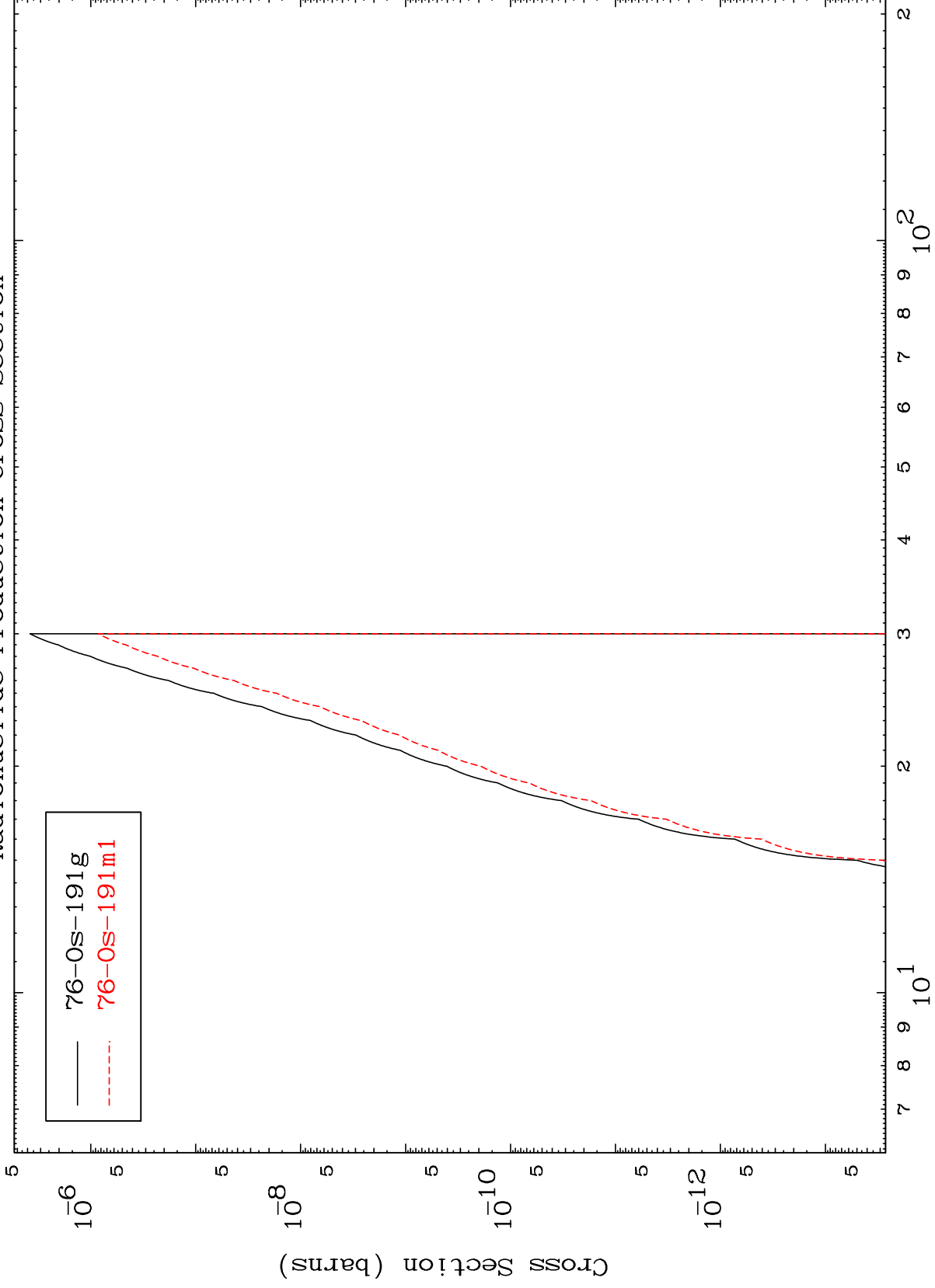
Radionuclide Production Cross Section



MAT 7831

78-Pt-192

(n,2p)
Radionuclide Production Cross Section



131

Incident Energy (MeV)

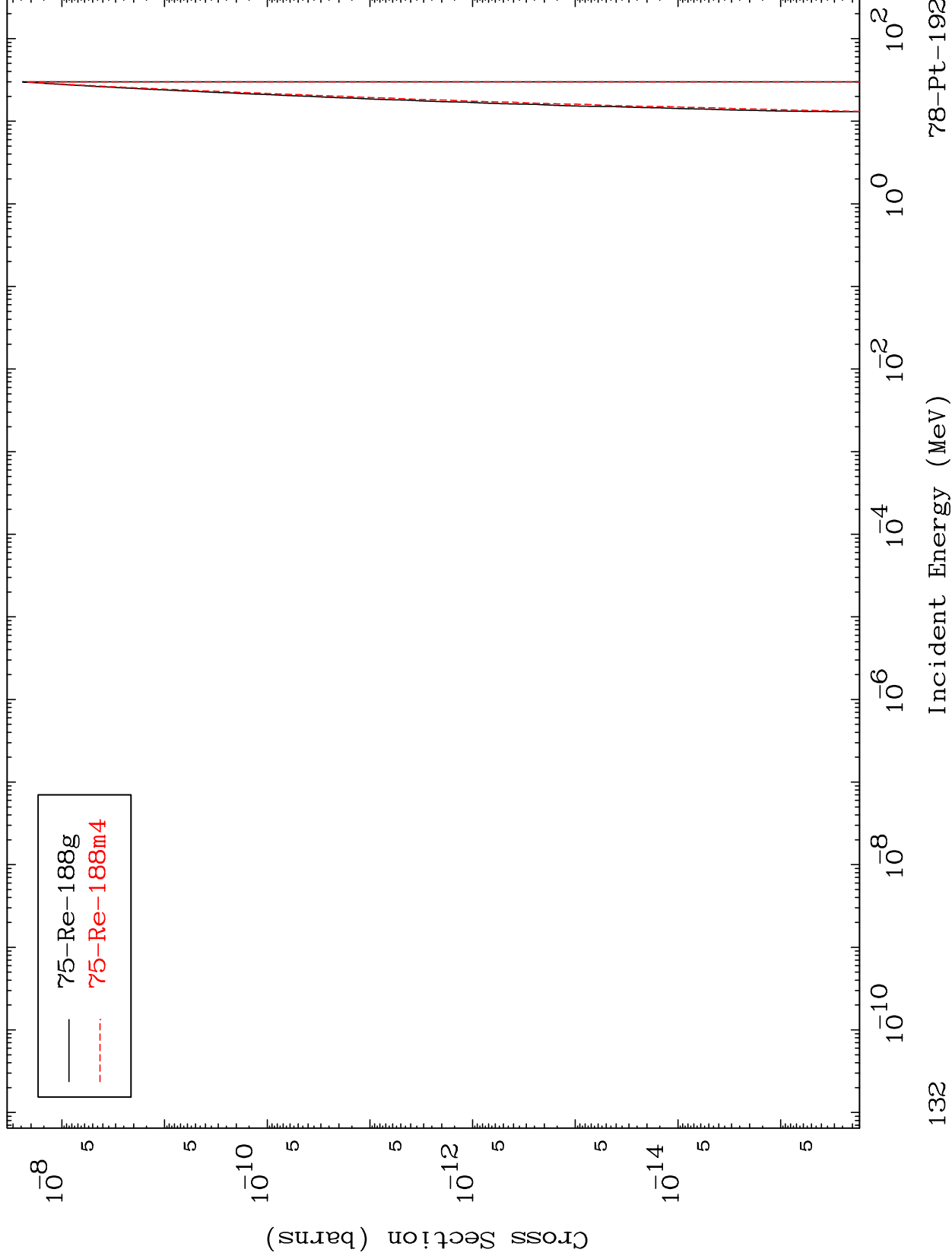
78-Pt-192

MAT 7831

(n,p) α

78-Pt-192

Radionuclide Production Cross Section

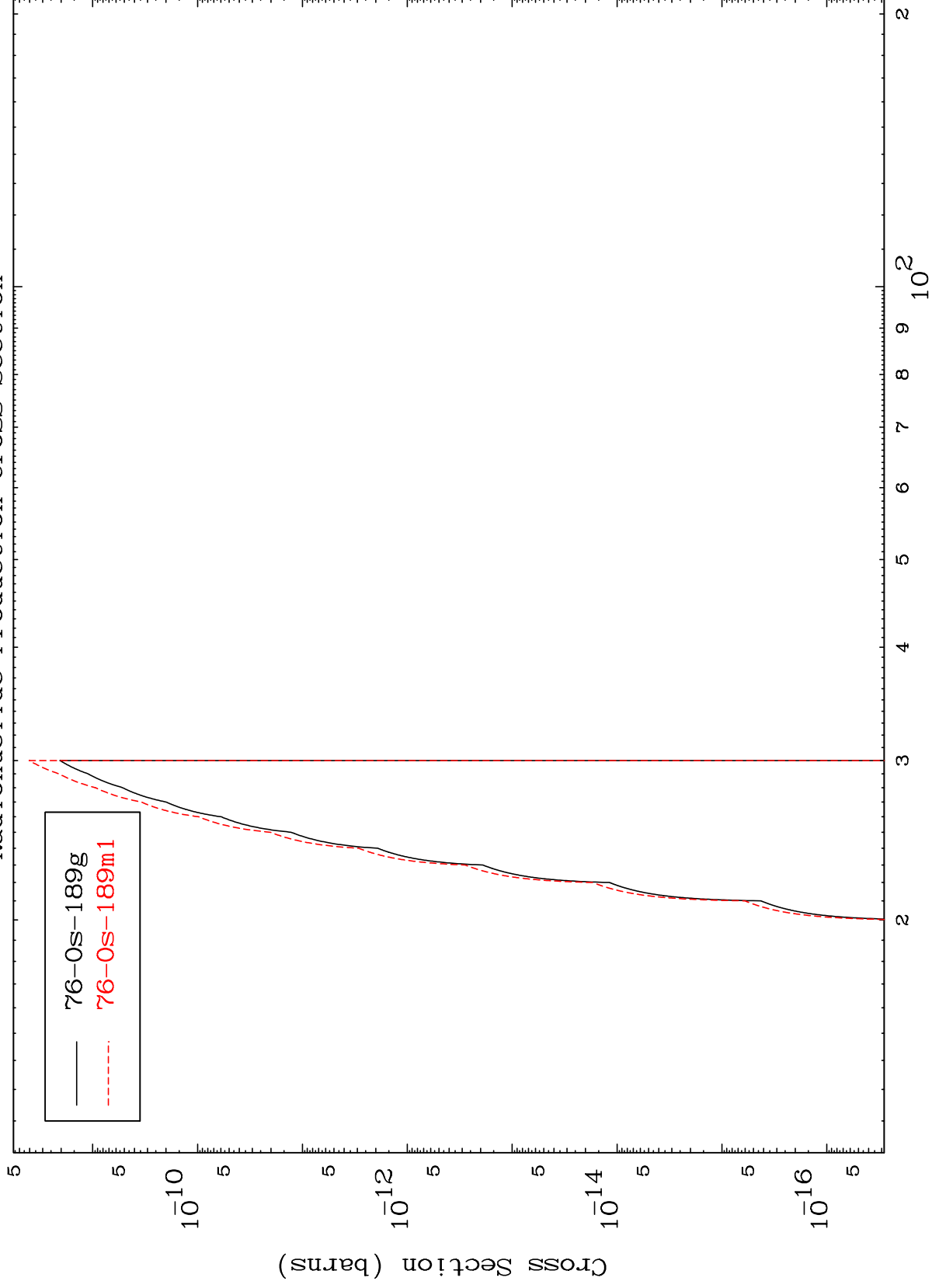


MAT 7831

(n,p) t

78-Pt-192

Radionuclide Production Cross Section



133

Incident Energy (MeV)

78-Pt-192