

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

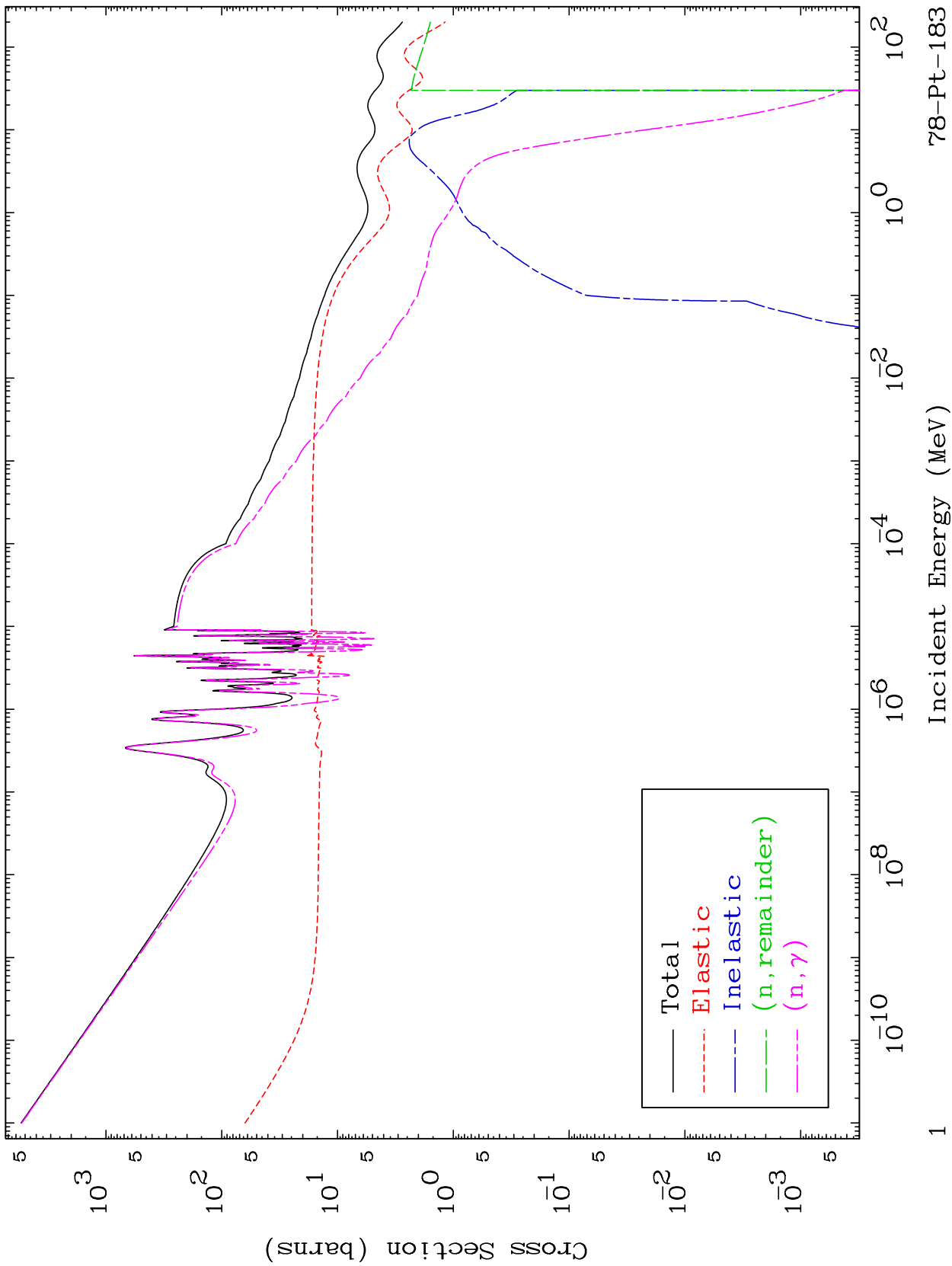
Press Mouse Button to Start

MAT 7804

Major

293 Kelvin Cross Sections

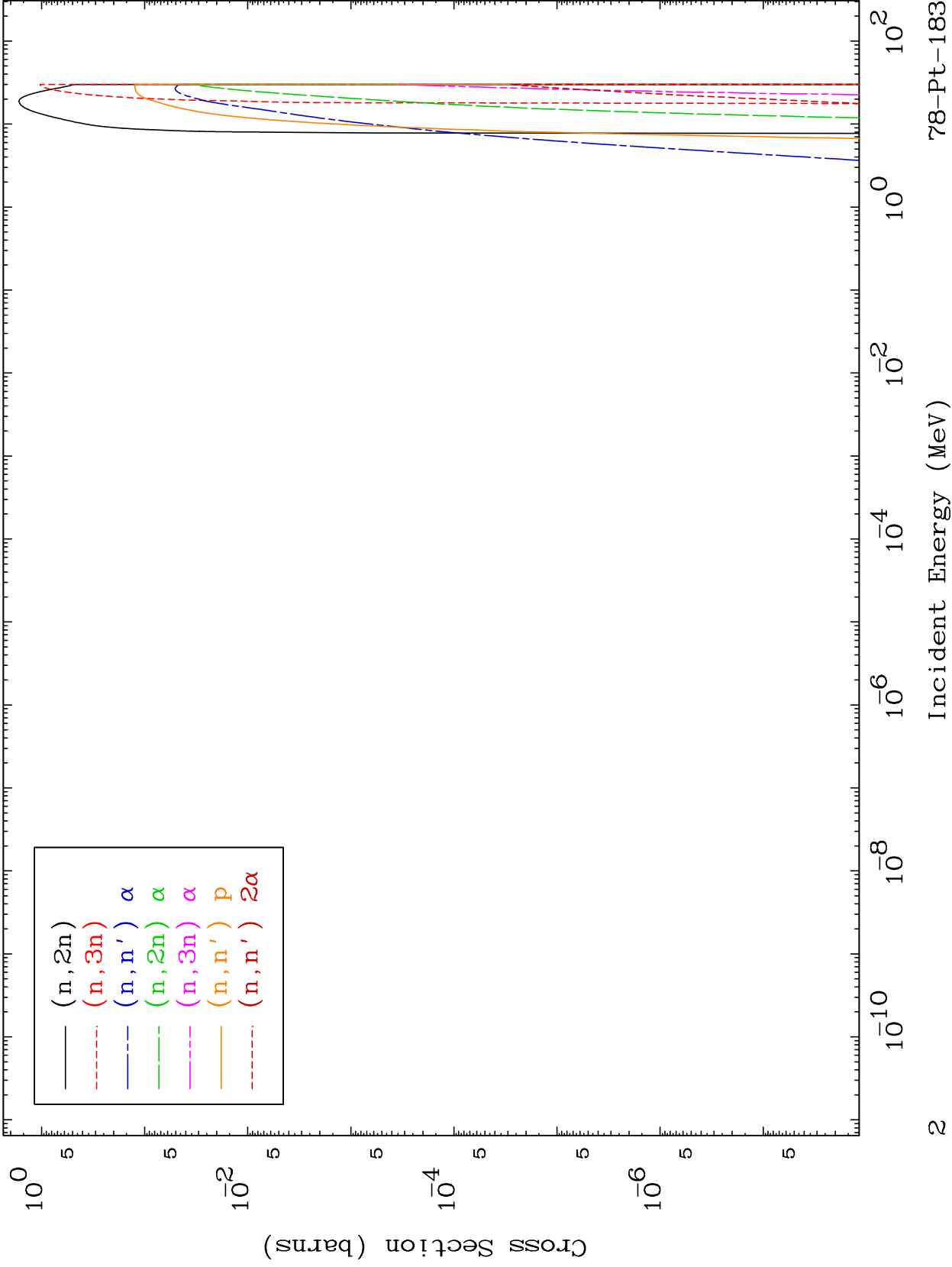
78-Pt-183



MAT 7804

Neutron Production
293 Kelvin Cross Sections

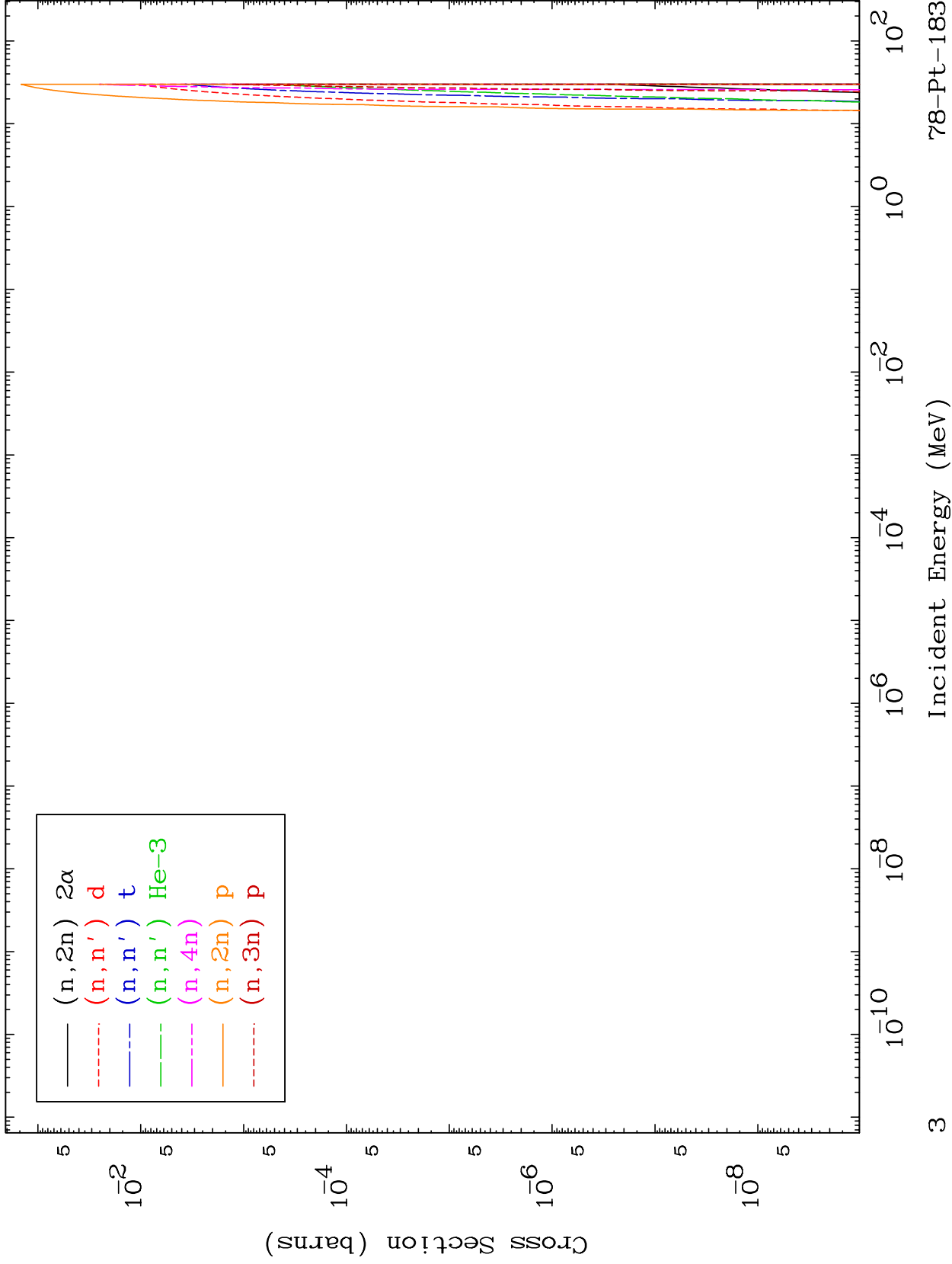
78-Pt-183



MAT 7804

Neutron Production
293 Kelvin Cross Sections

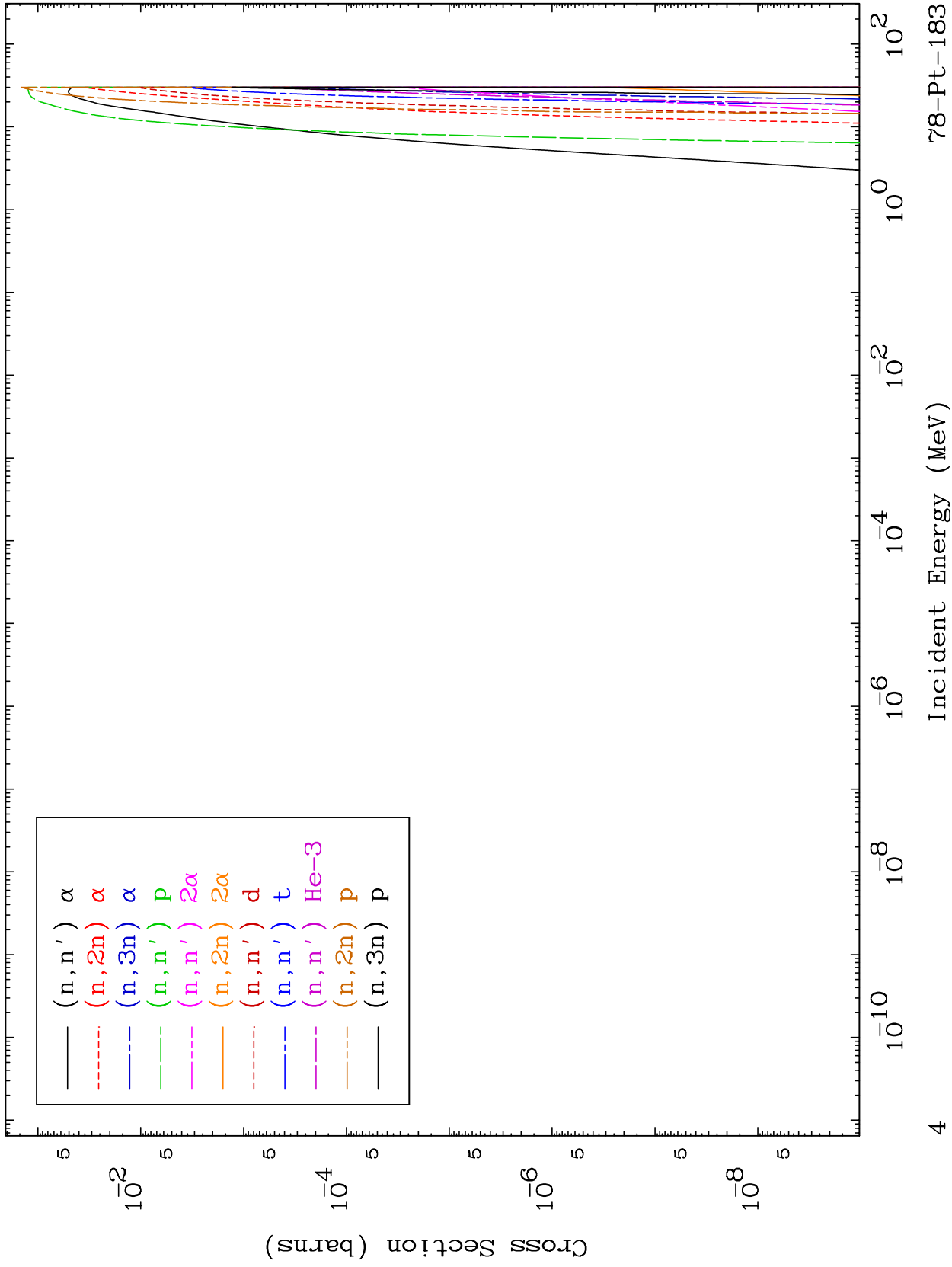
78-Pt-183



MAT 7804

Charged Particle
293 Kelvin Cross Sections

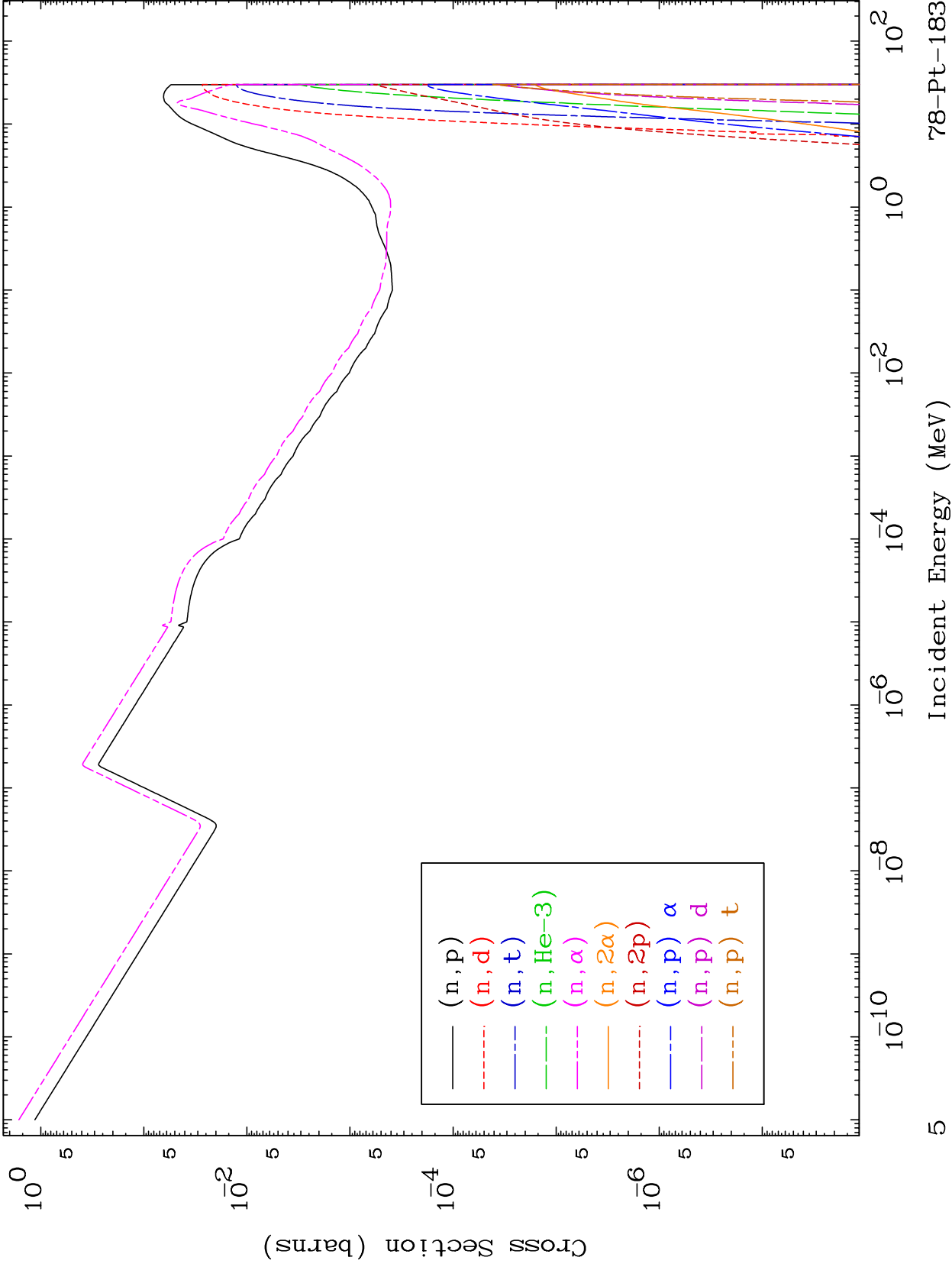
78-Pt-183



MAT 7804

Charged Particle
293 Kelvin Cross Sections

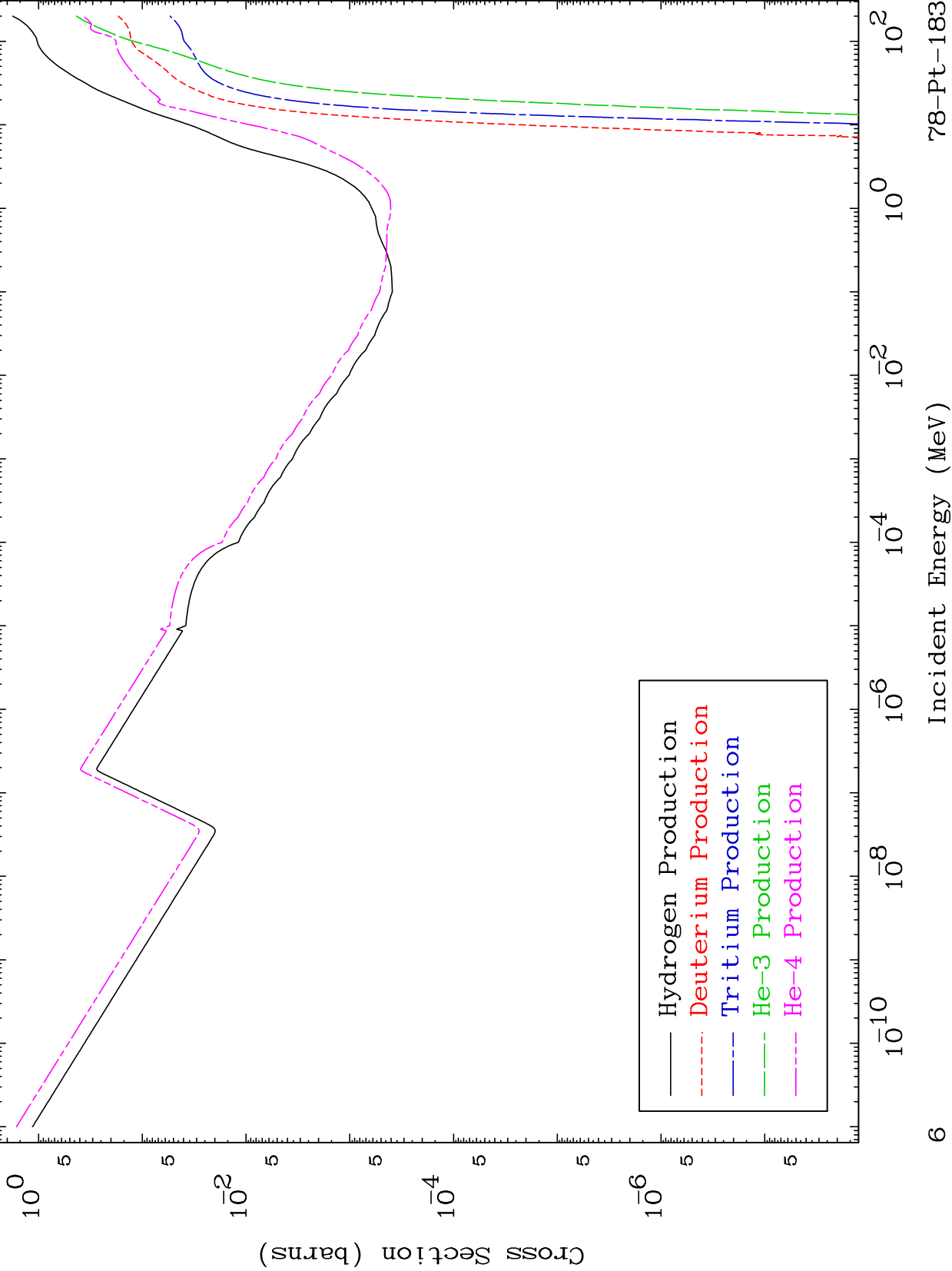
78-Pt-183



MAT 7804

Particle Production
293 Kelvin Cross Sections

78-Pt-183

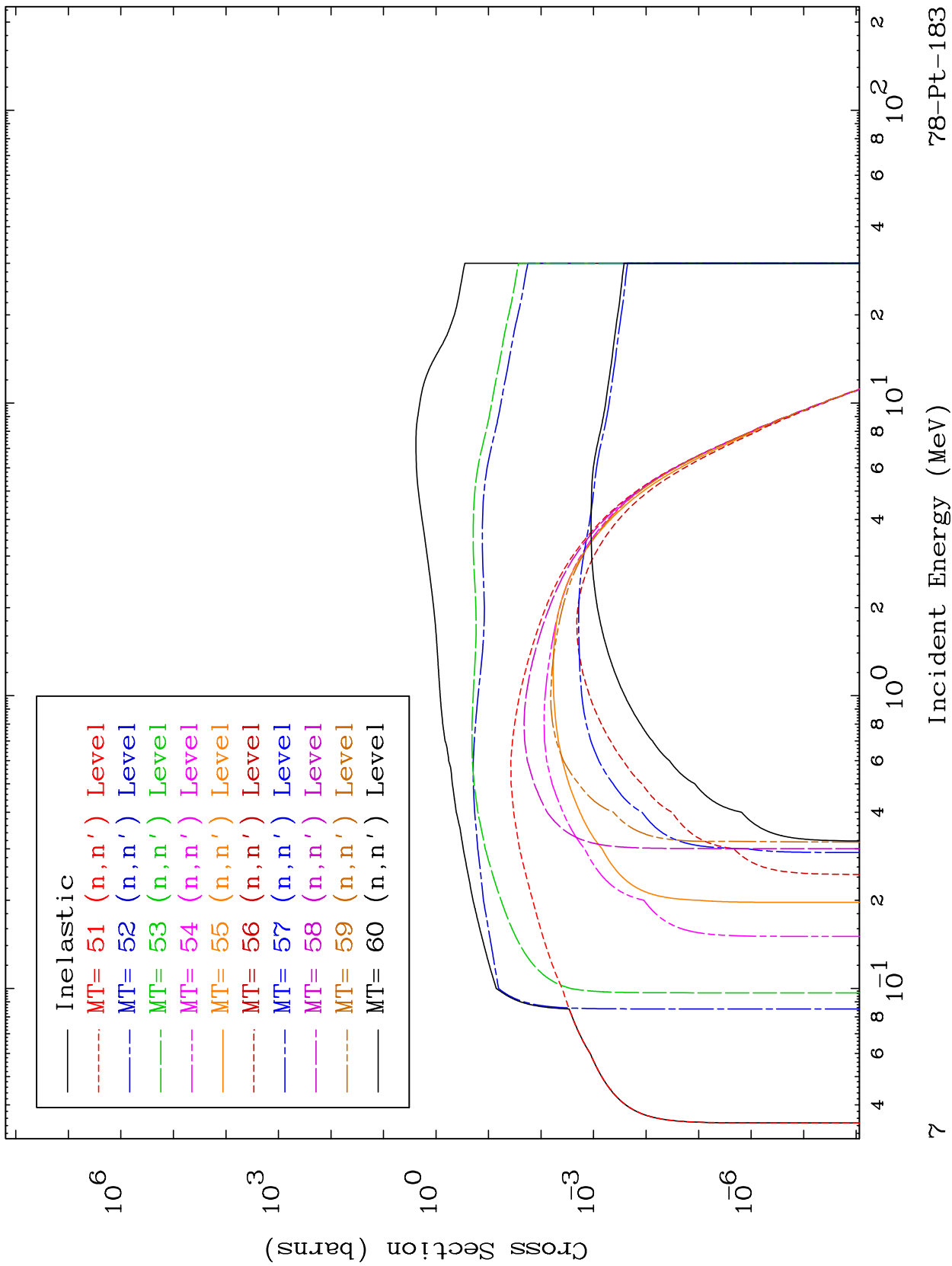


MAT 7804

(n,n') Level

78-Pt-183

293 Kelvin Cross Sections

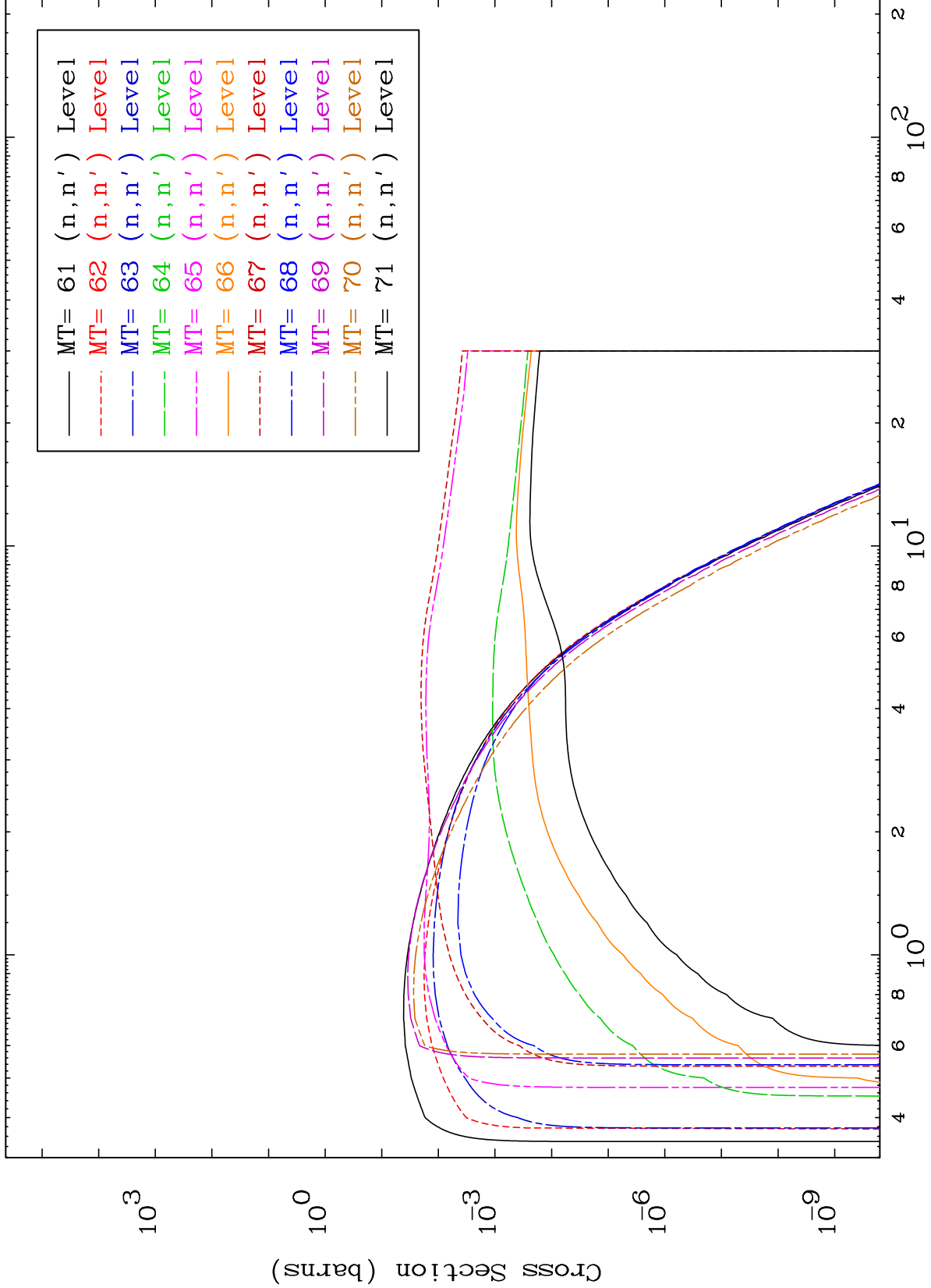


MAT 7804

(n,n') Level

78-Pt-183

293 Kelvin Cross Sections



8

Incident Energy (MeV)

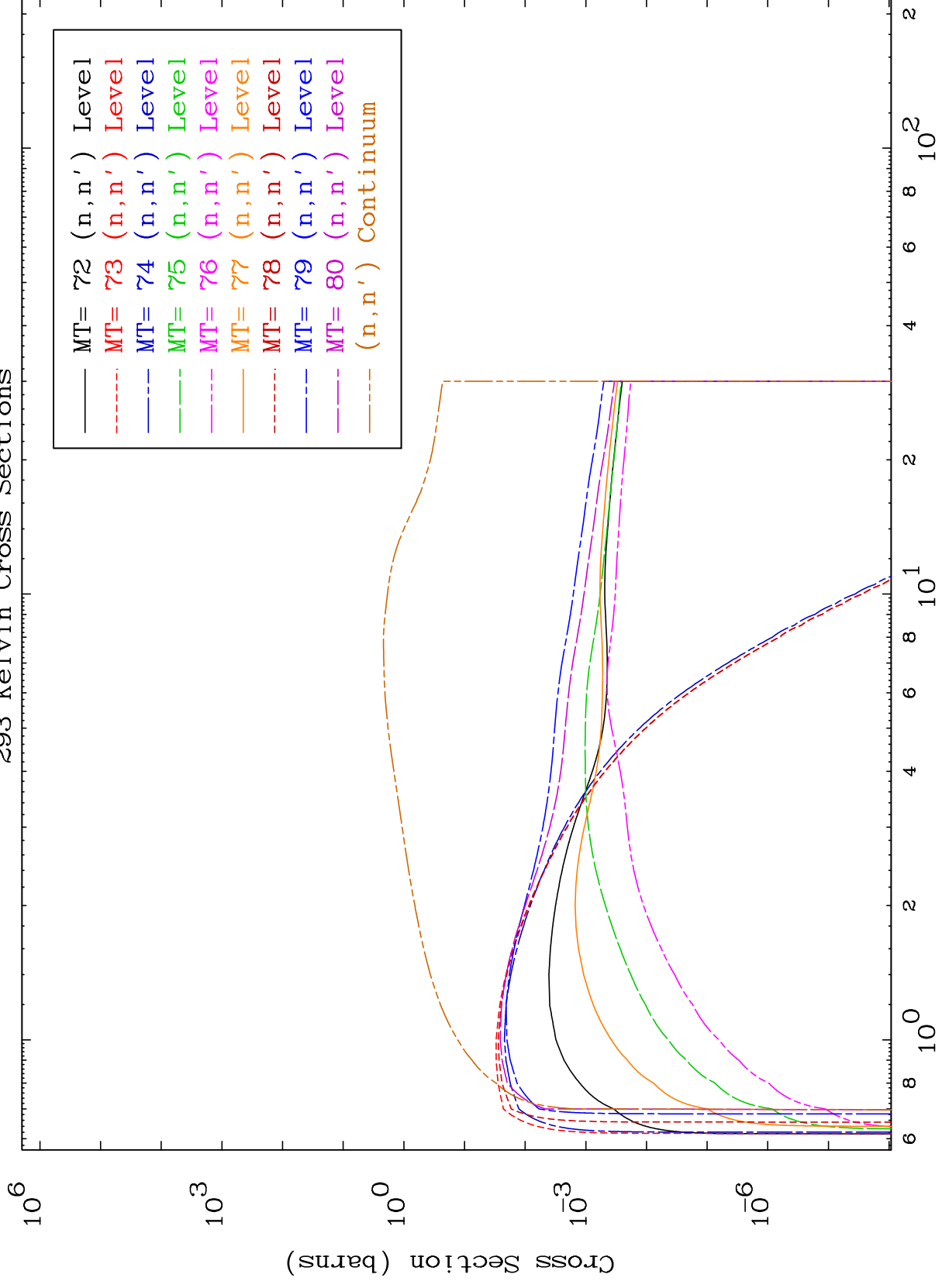
78-Pt-183

MAT 7804

(n,n') Level

78-Pt-183

293 Kelvin Cross Sections



9

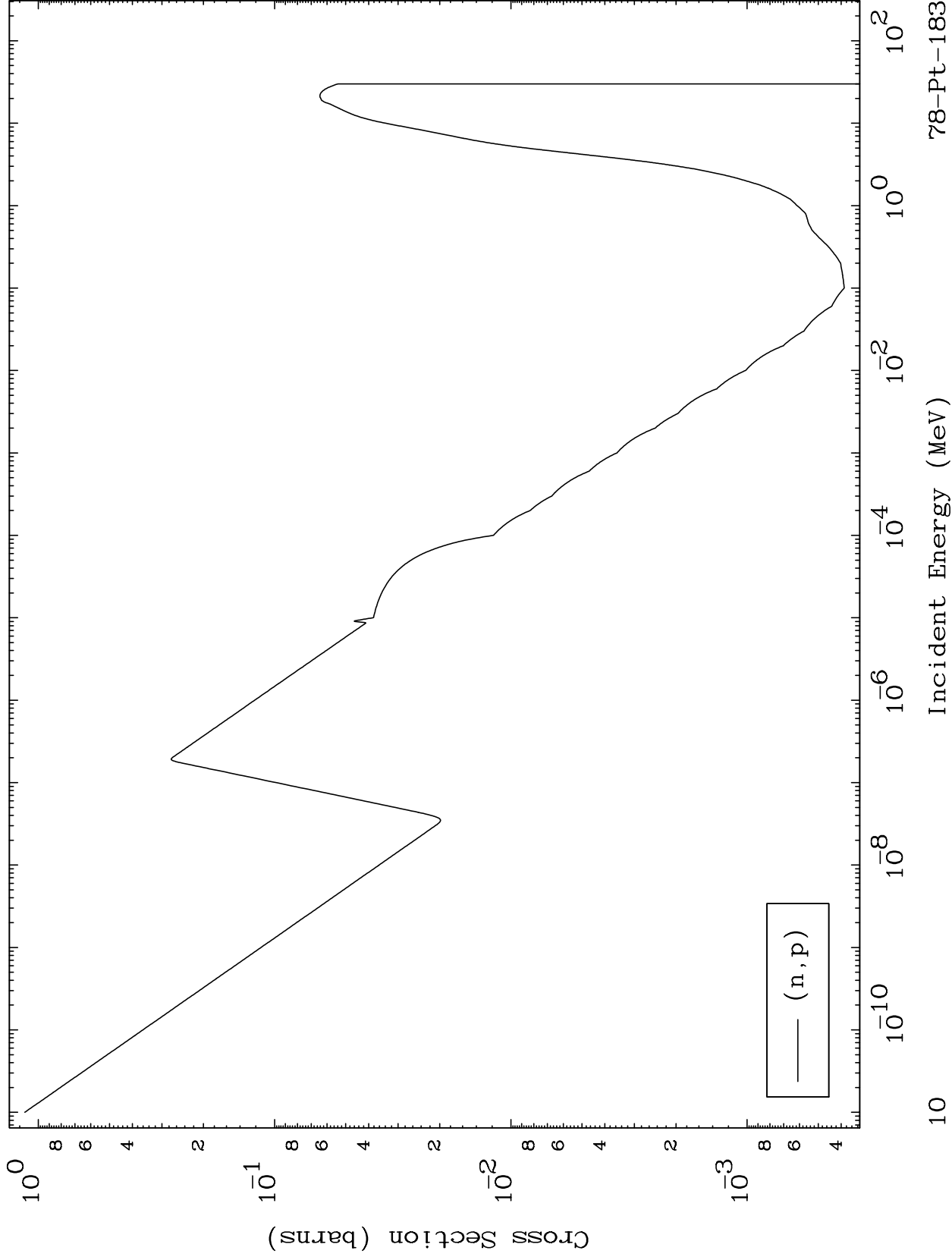
Incident Energy (MeV)

78-Pt-183

MAT 7804

(n,p) Levels
293 Kelvin Cross Sections

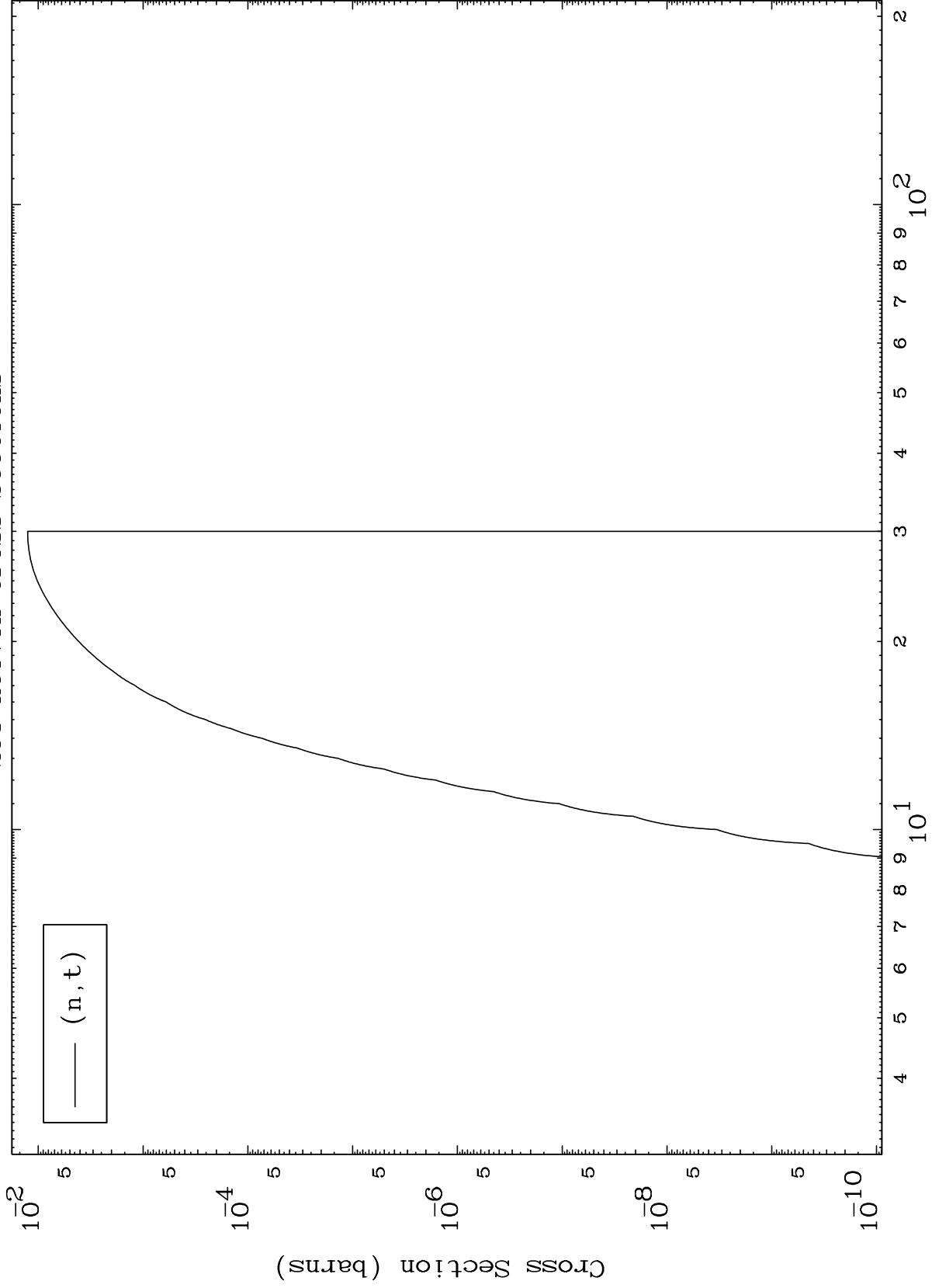
78-Pt-183



MAT 7804

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-183



12

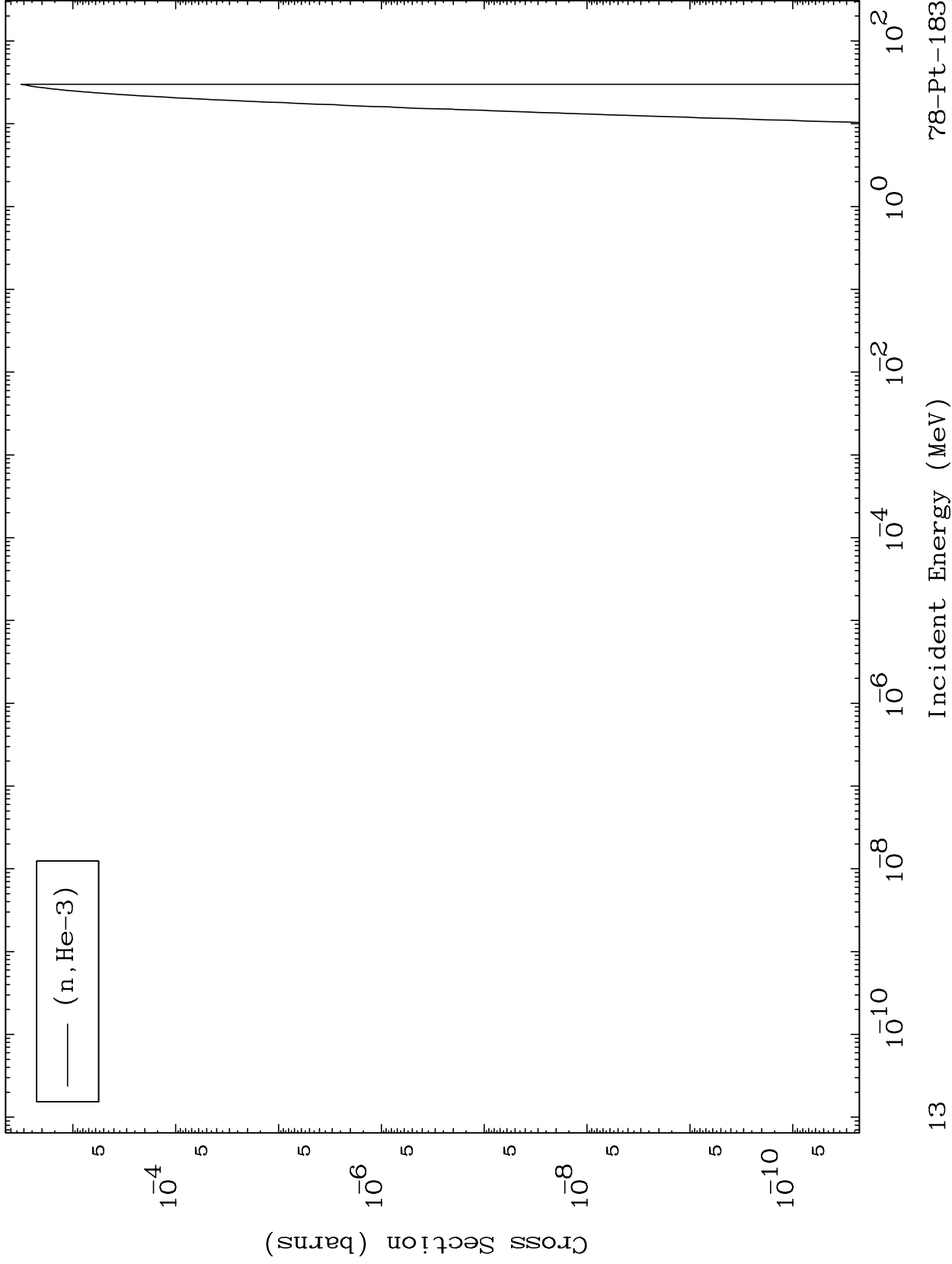
Incident Energy (MeV)

78-Pt-183

MAT 7804

(n,He3) Levels
293 Kelvin Cross Sections

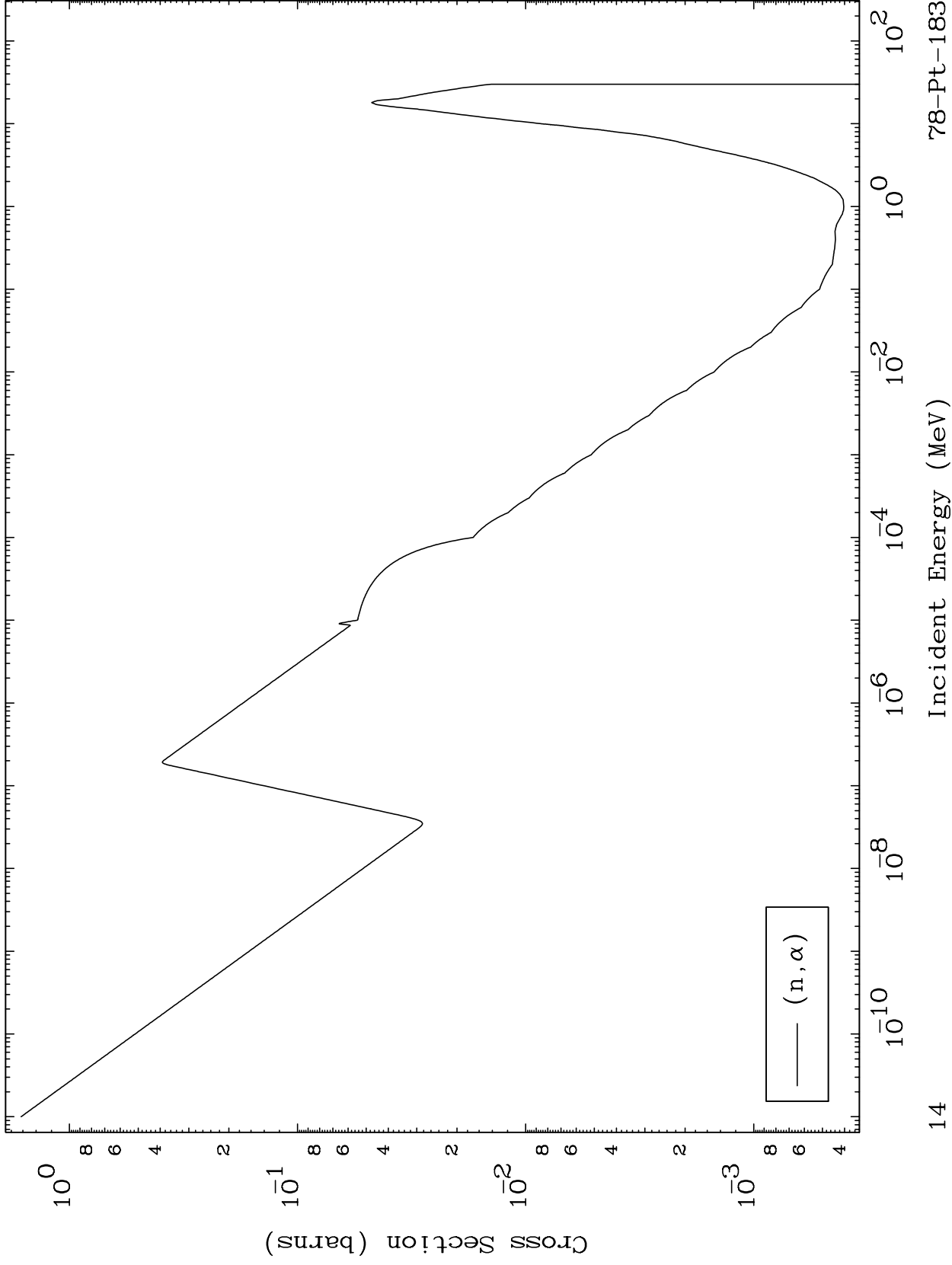
78-Pt-183

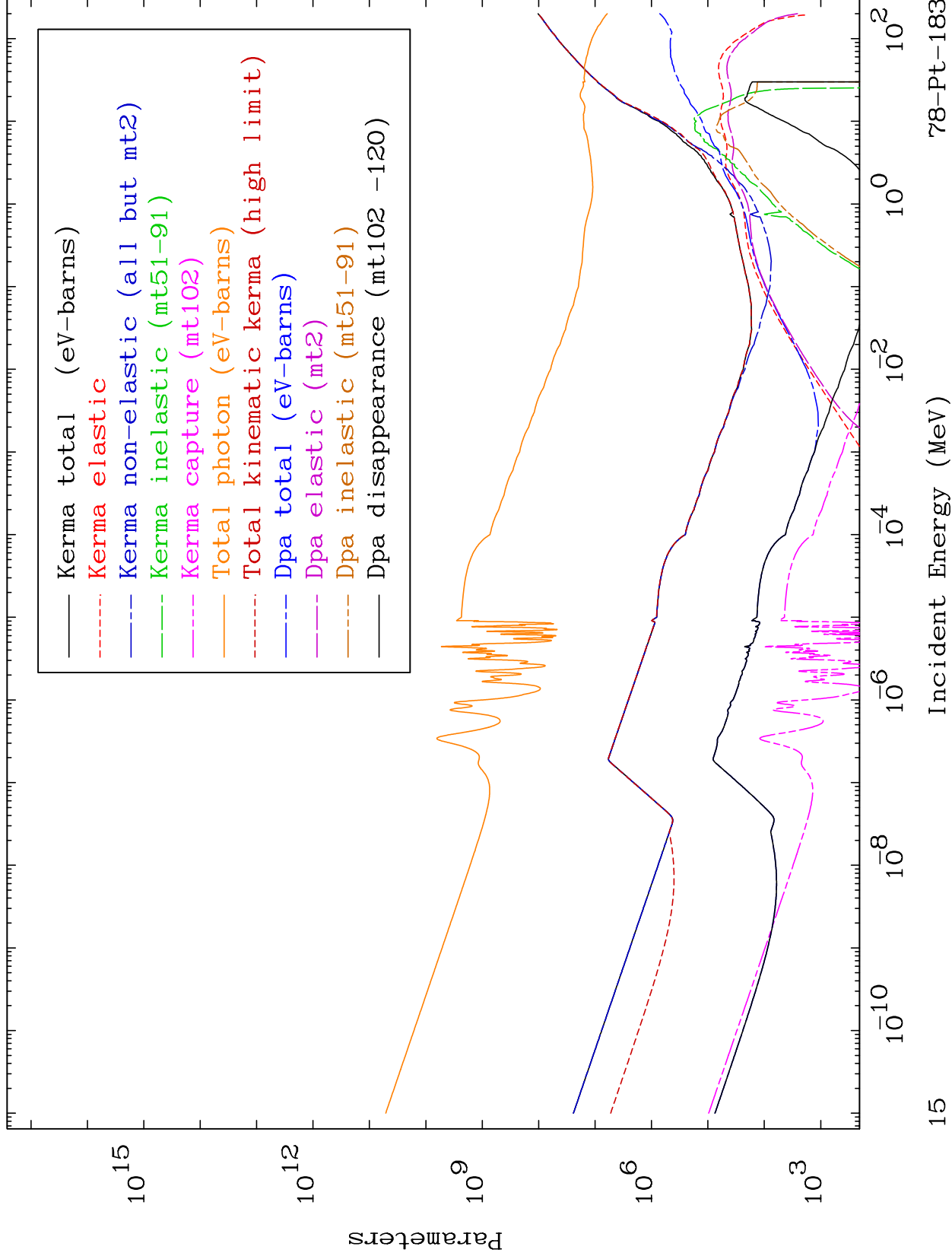


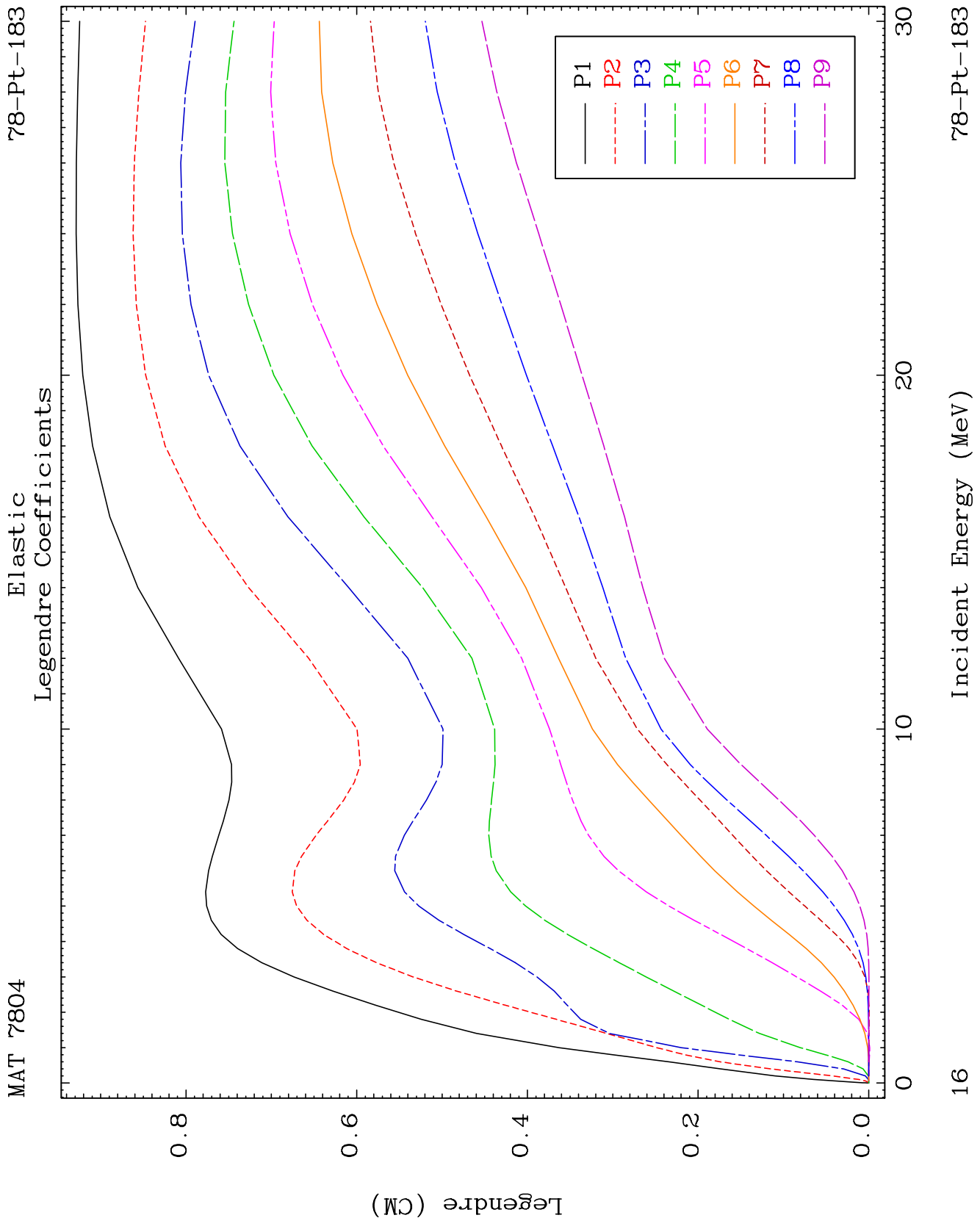
MAT 7804

(n,α) Levels
293 Kelvin Cross Sections

78-Pt-183



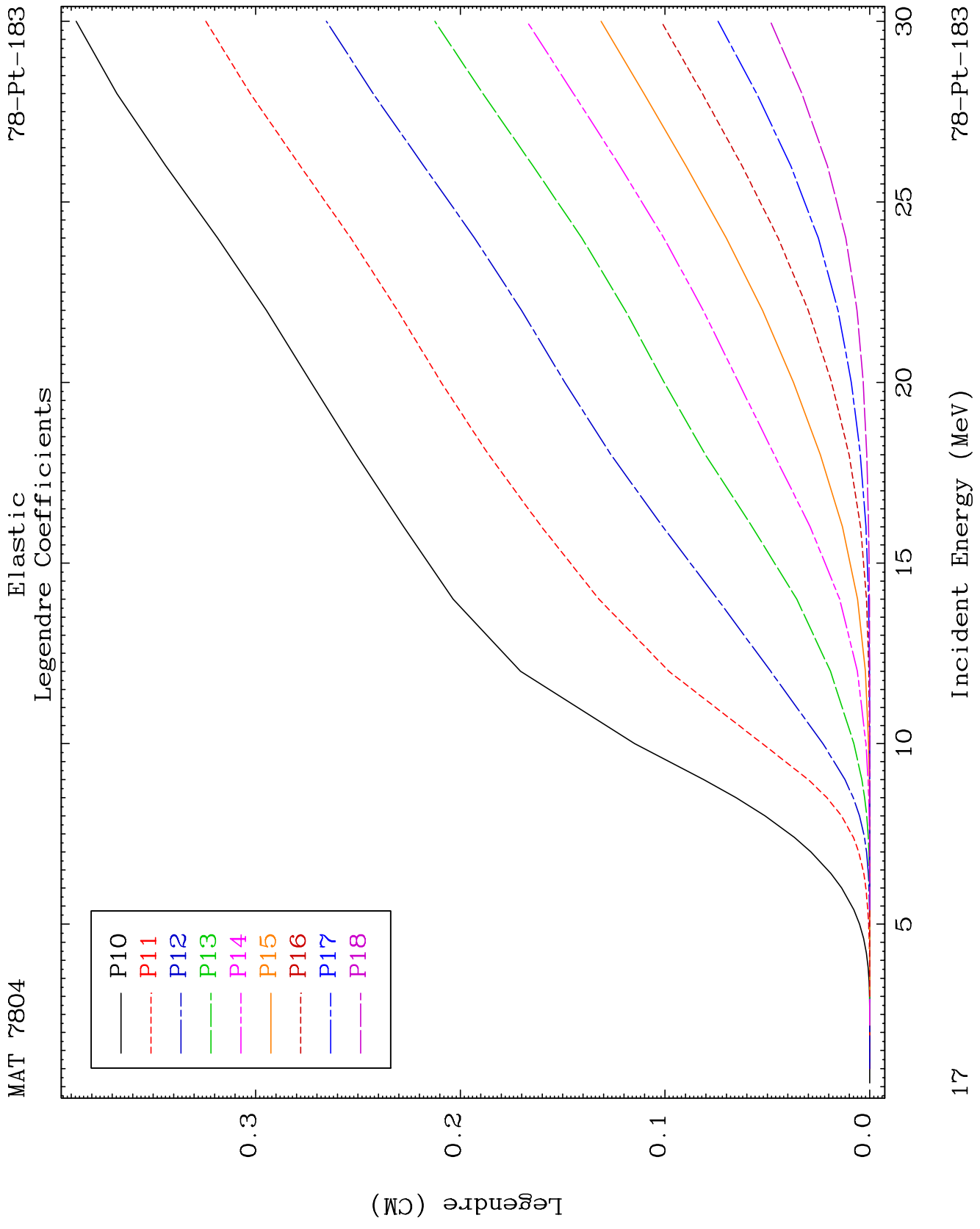




78-Pt-183

Incident Energy (MeV)

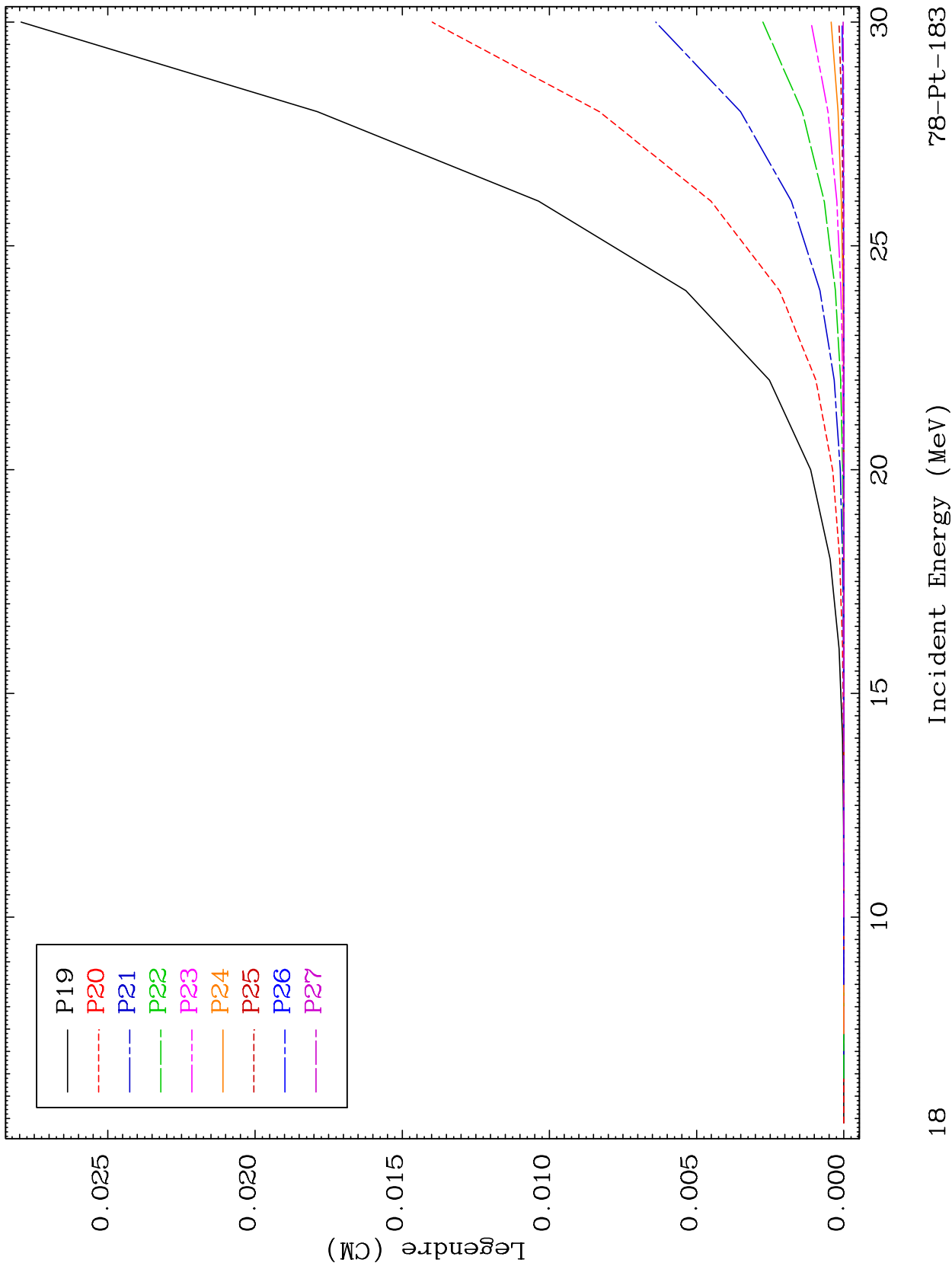
16



MAT 7804

Elastic Legendre Coefficients

78-Pt-183



18

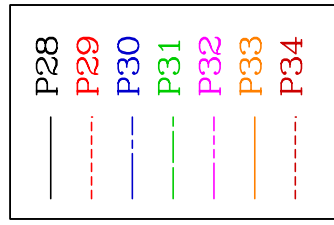
Incident Energy (MeV)

78-Pt-183

MAT 7804

Elastic
Legendre Coefficients

78-Pt-183



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

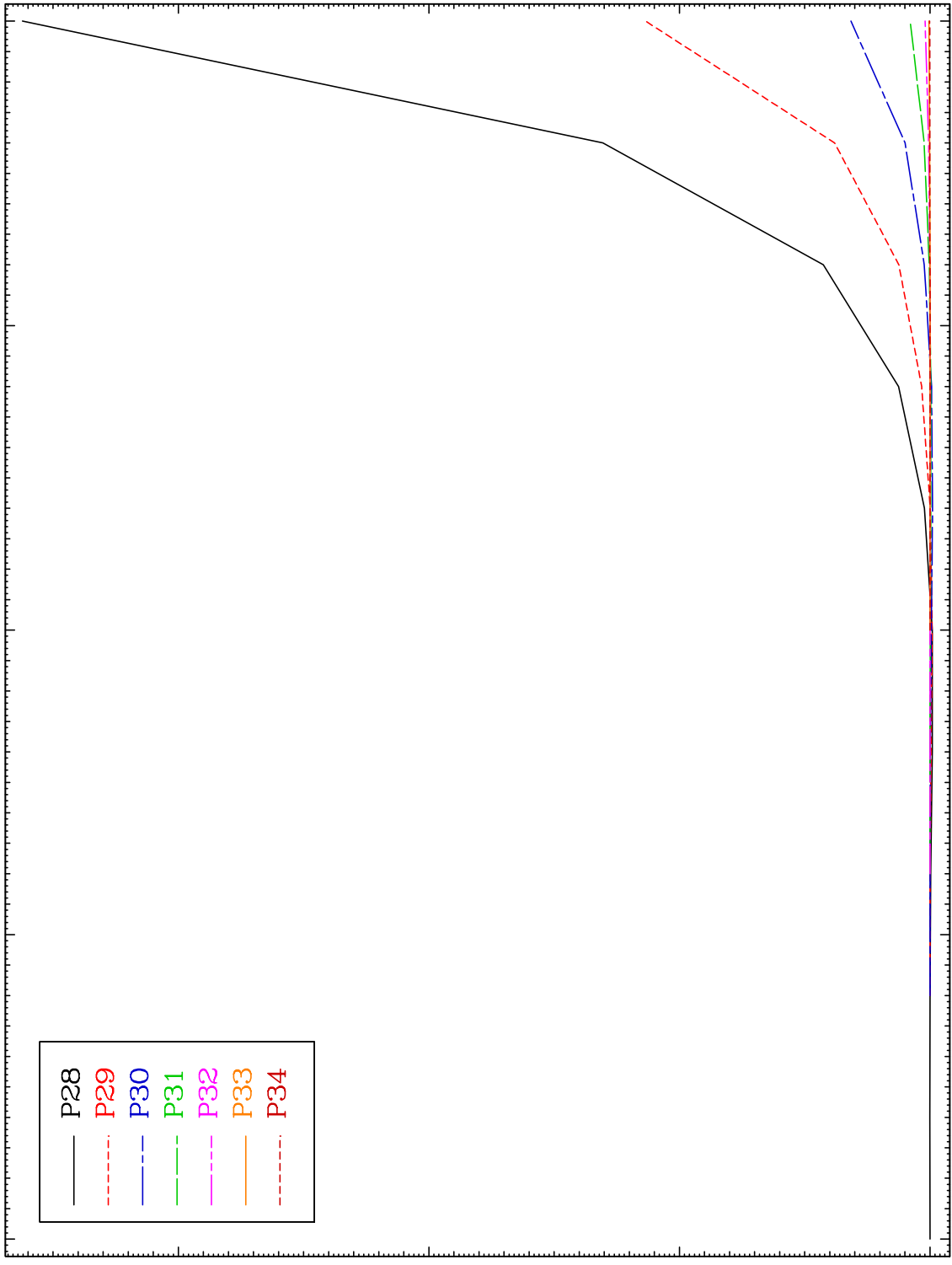
25

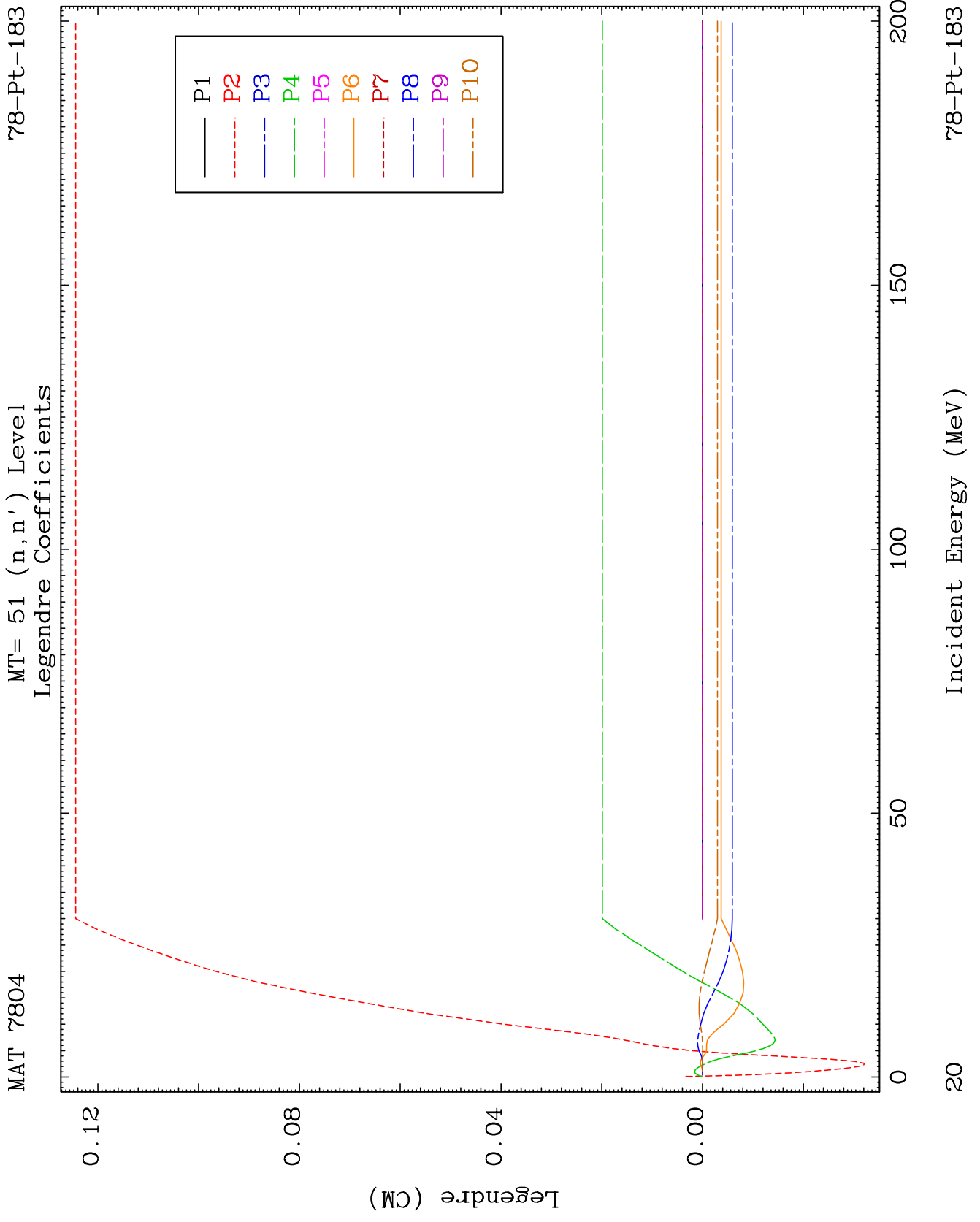
30

19

Incident Energy (MeV)

78-Pt-183

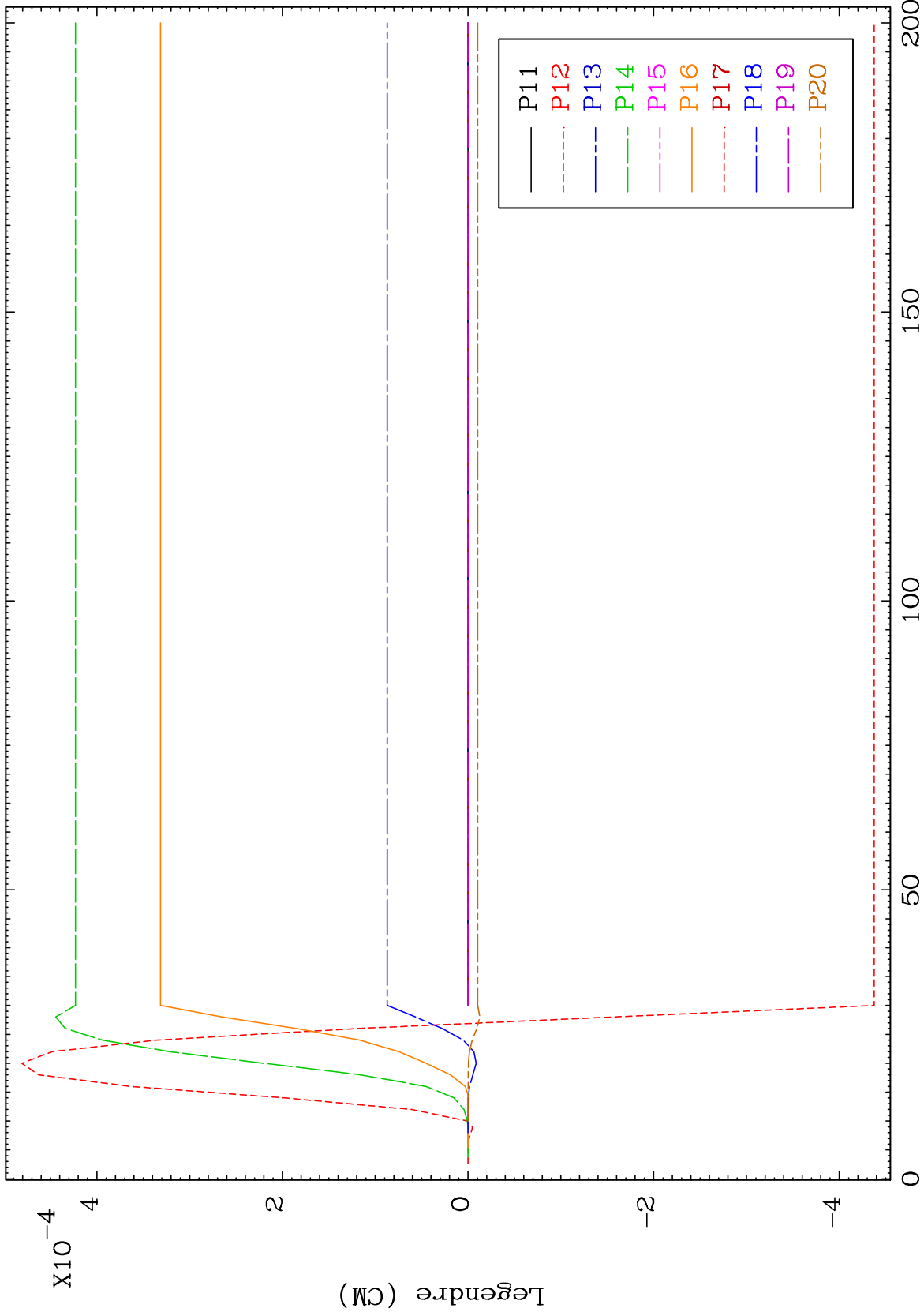




MAT 7804

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

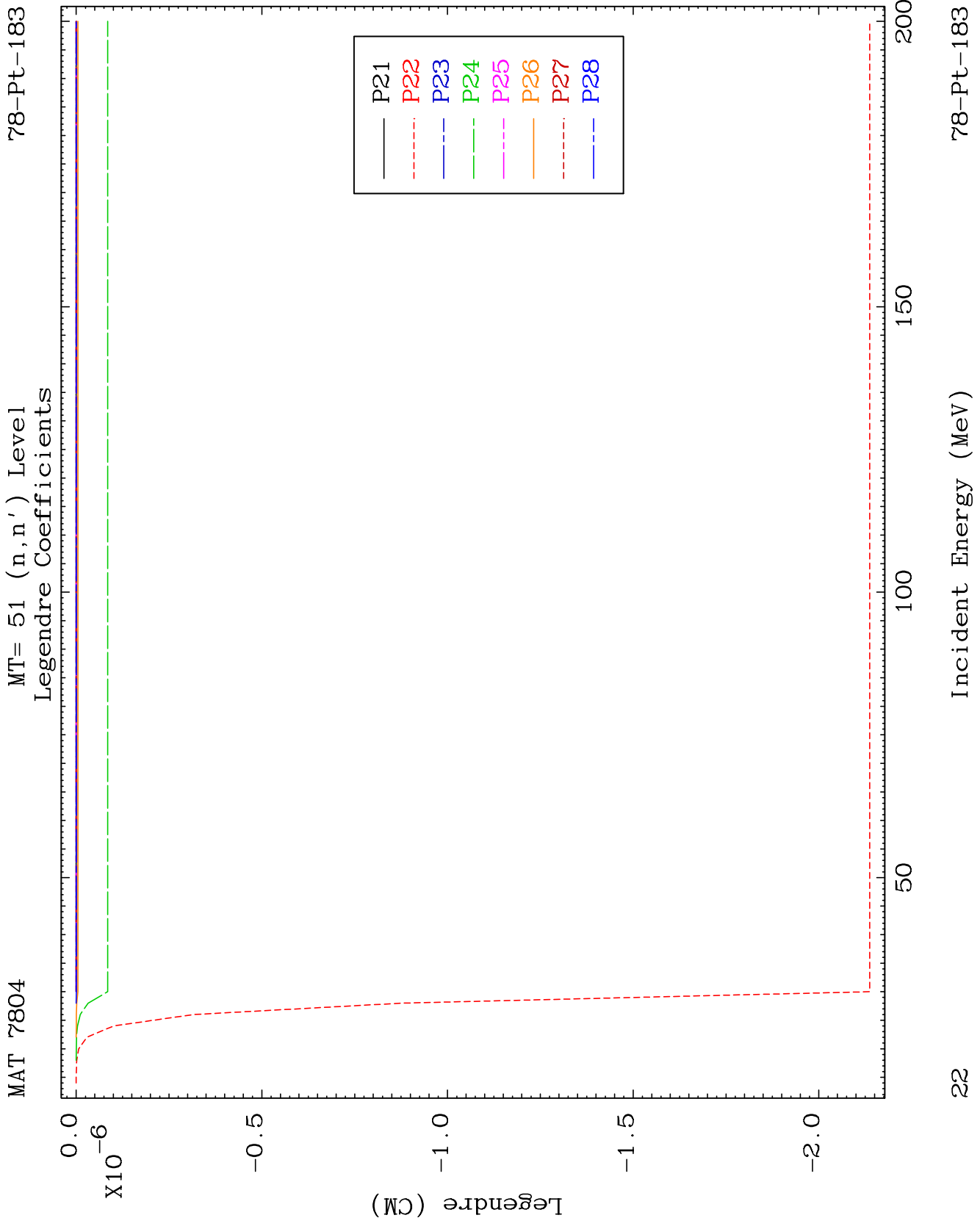
78-Pt-183



21

Incident Energy (MeV)

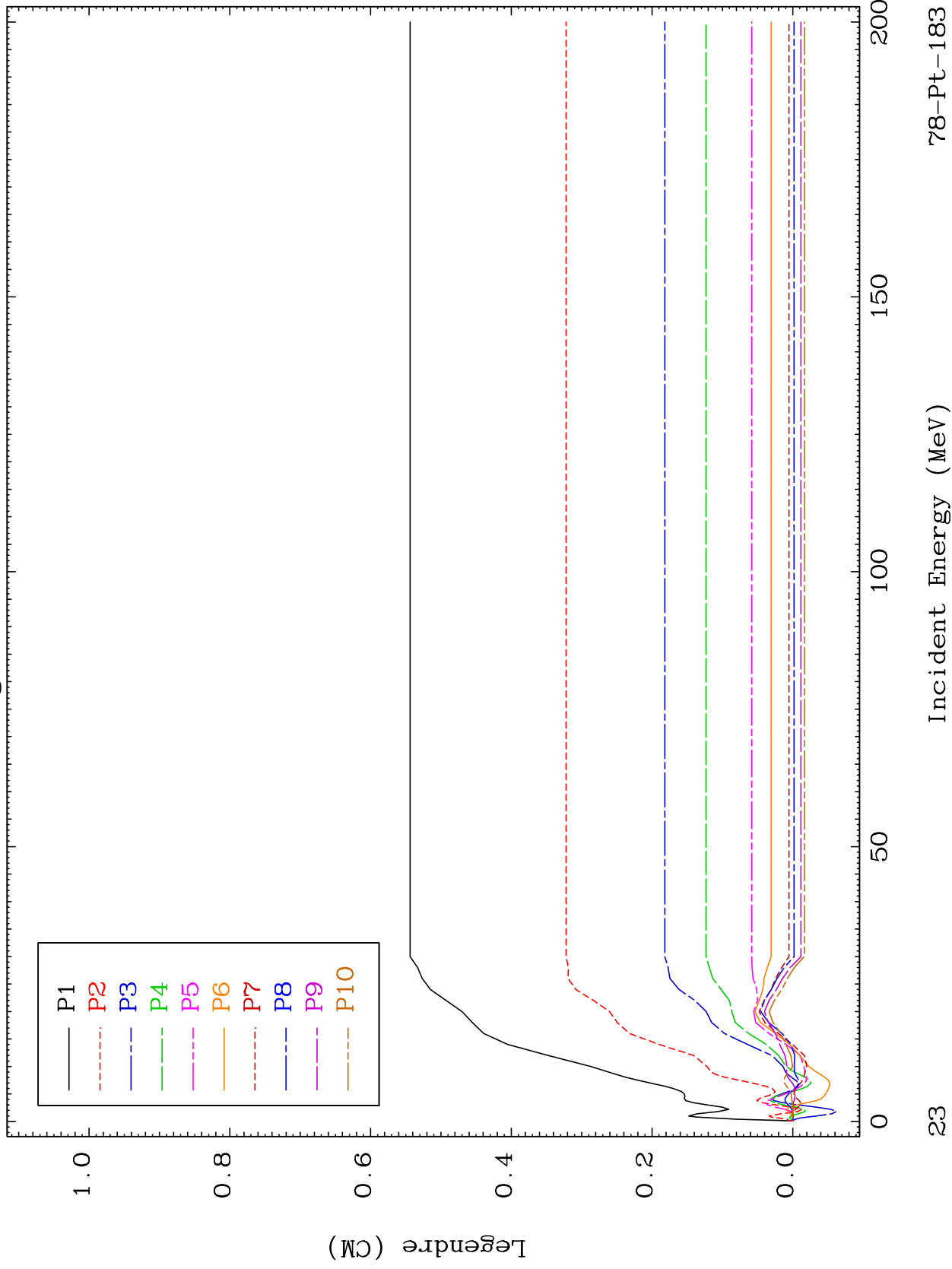
78-Pt-183



MAT 7804

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

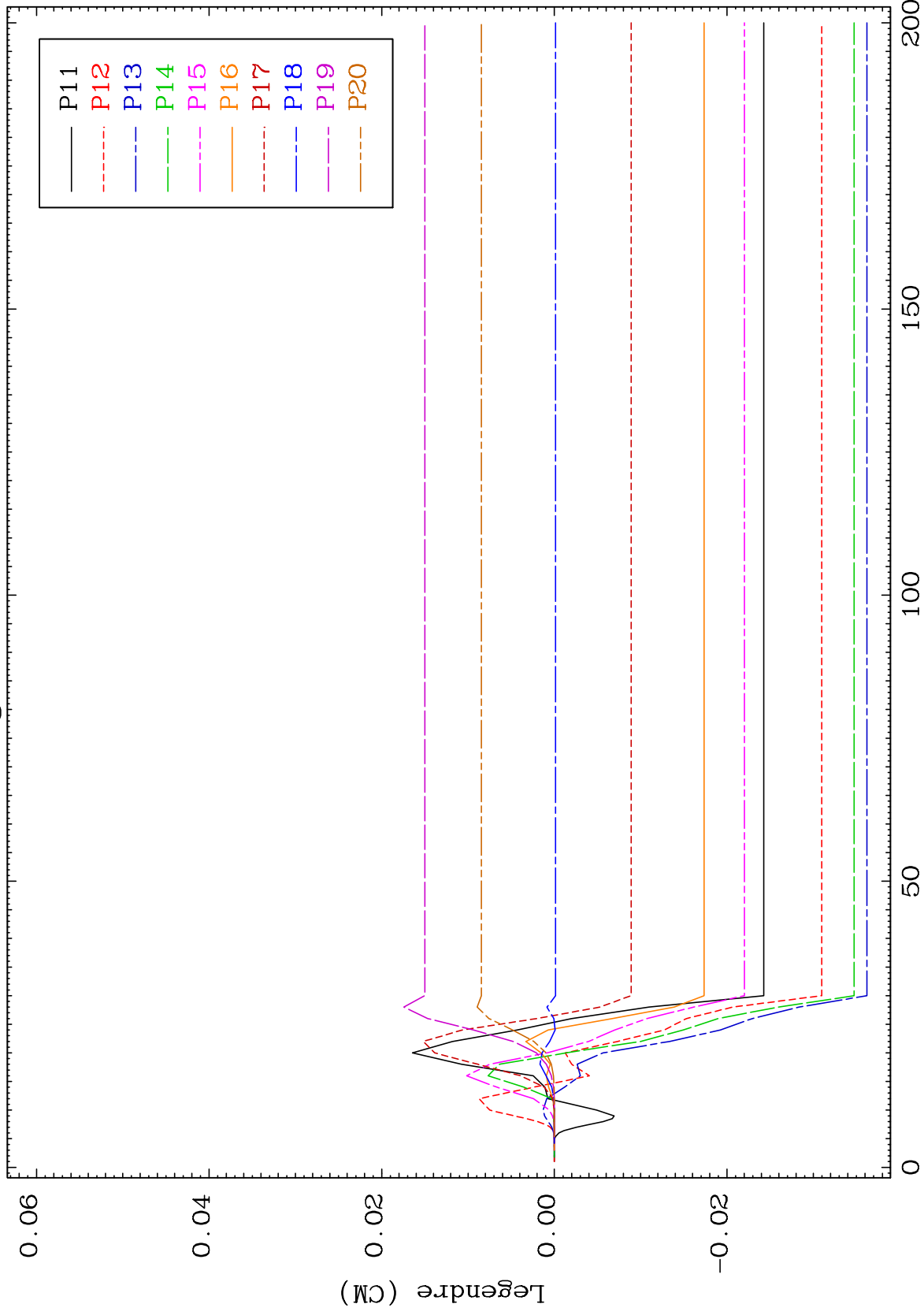
78-Pt-183



MAT 7804

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

78-Pt-183



24

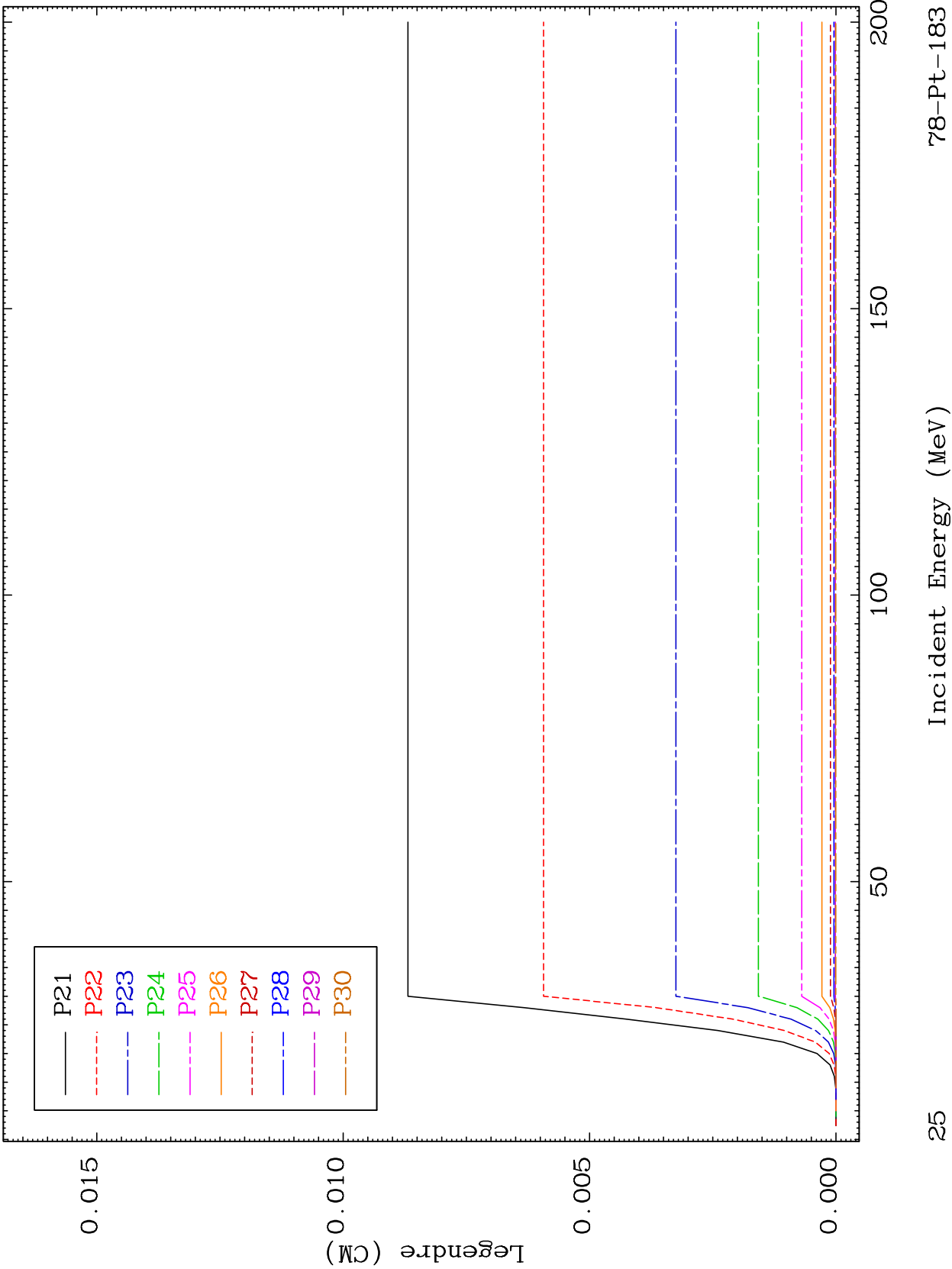
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



78-Pt-183

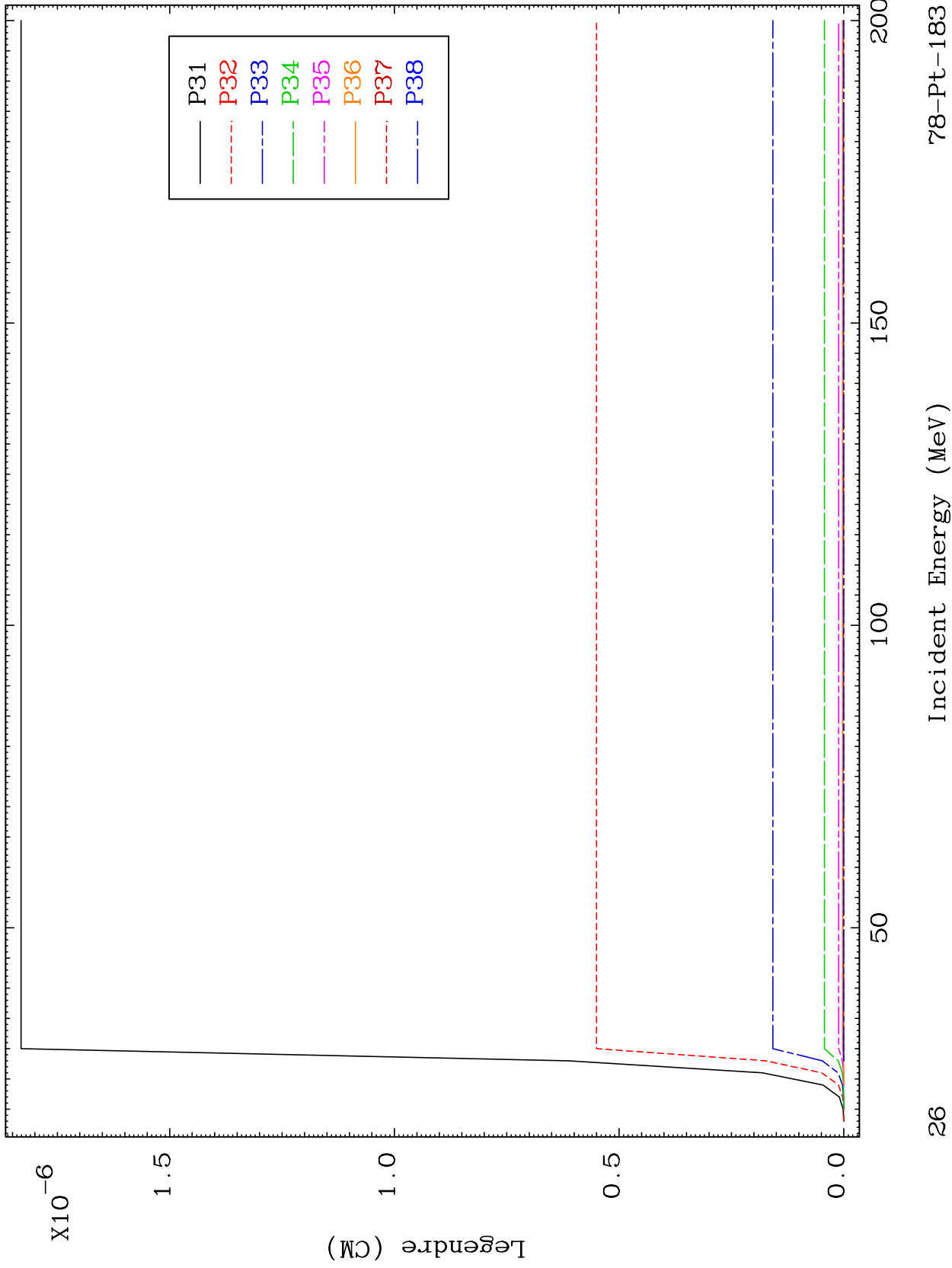
Incident Energy (MeV)

25

MAT 7804

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

78-Pt-183



26

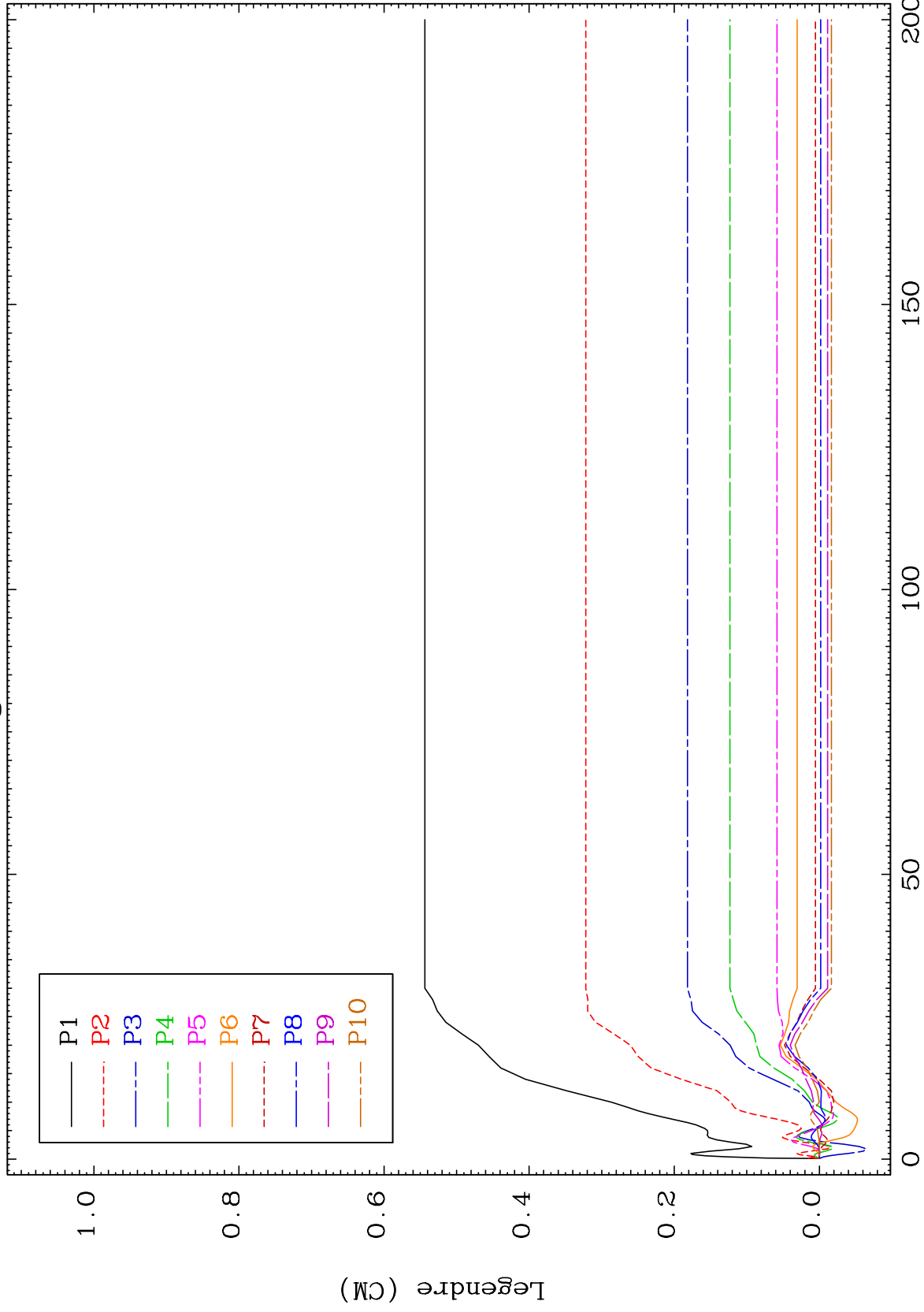
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



27

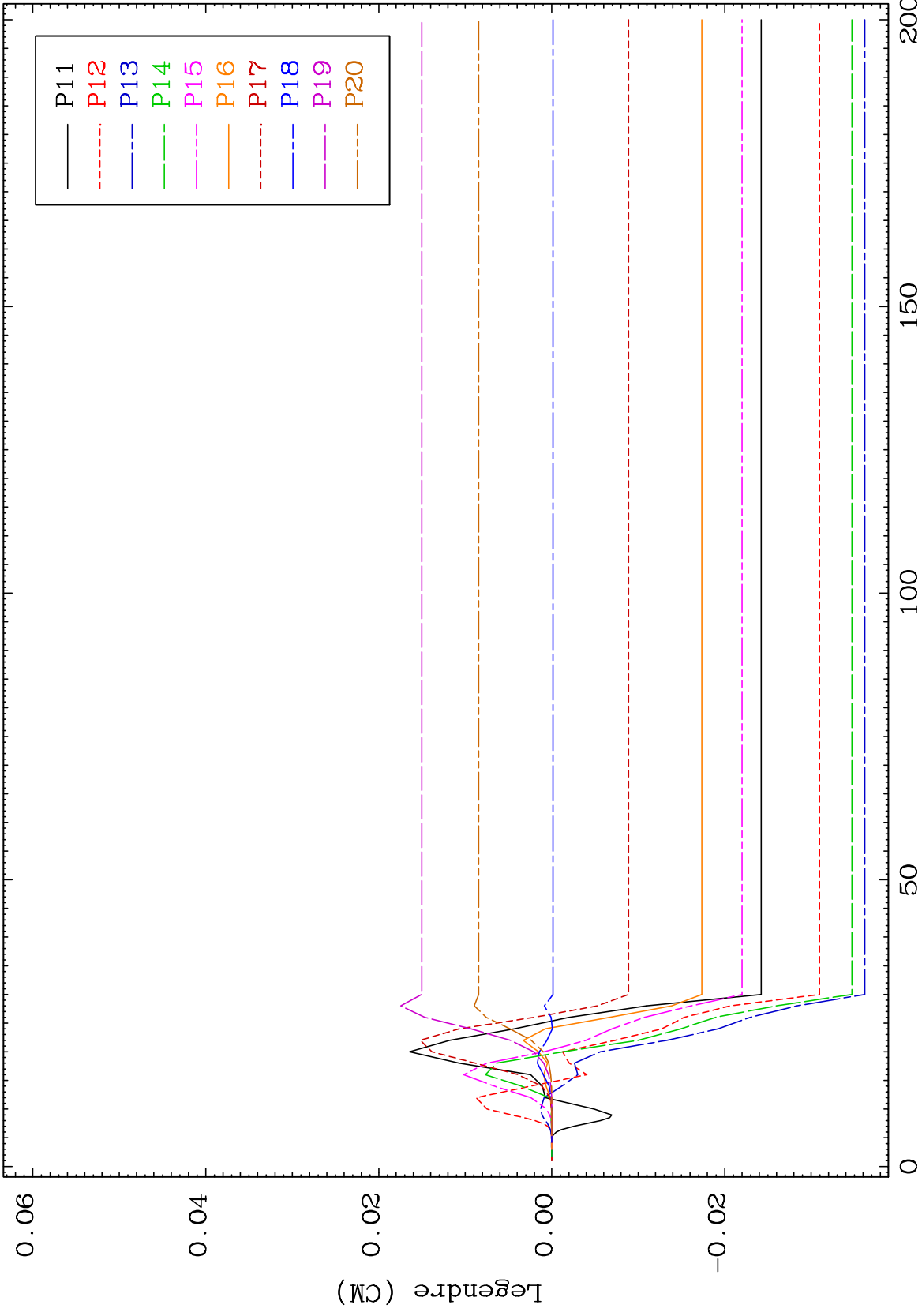
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



28

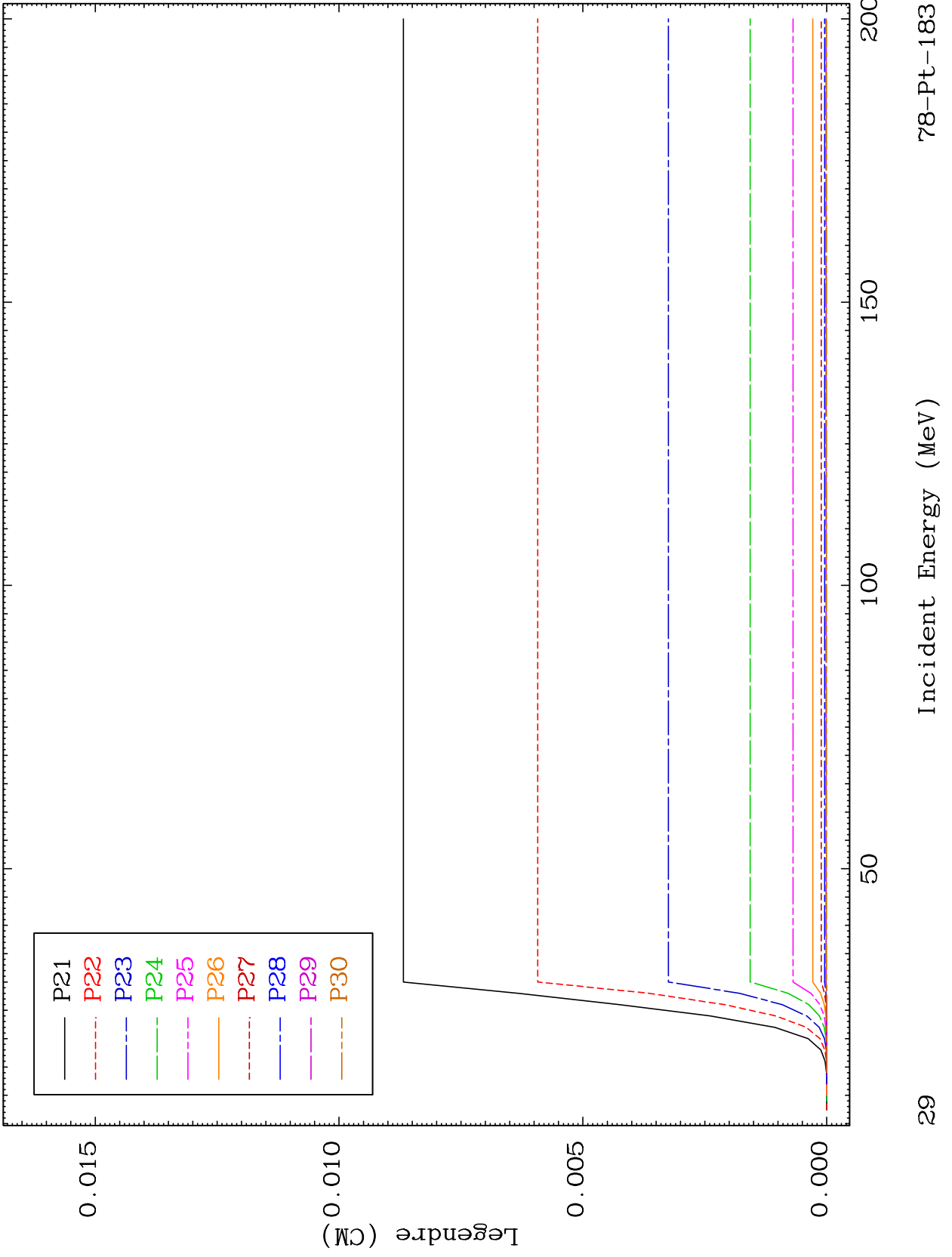
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

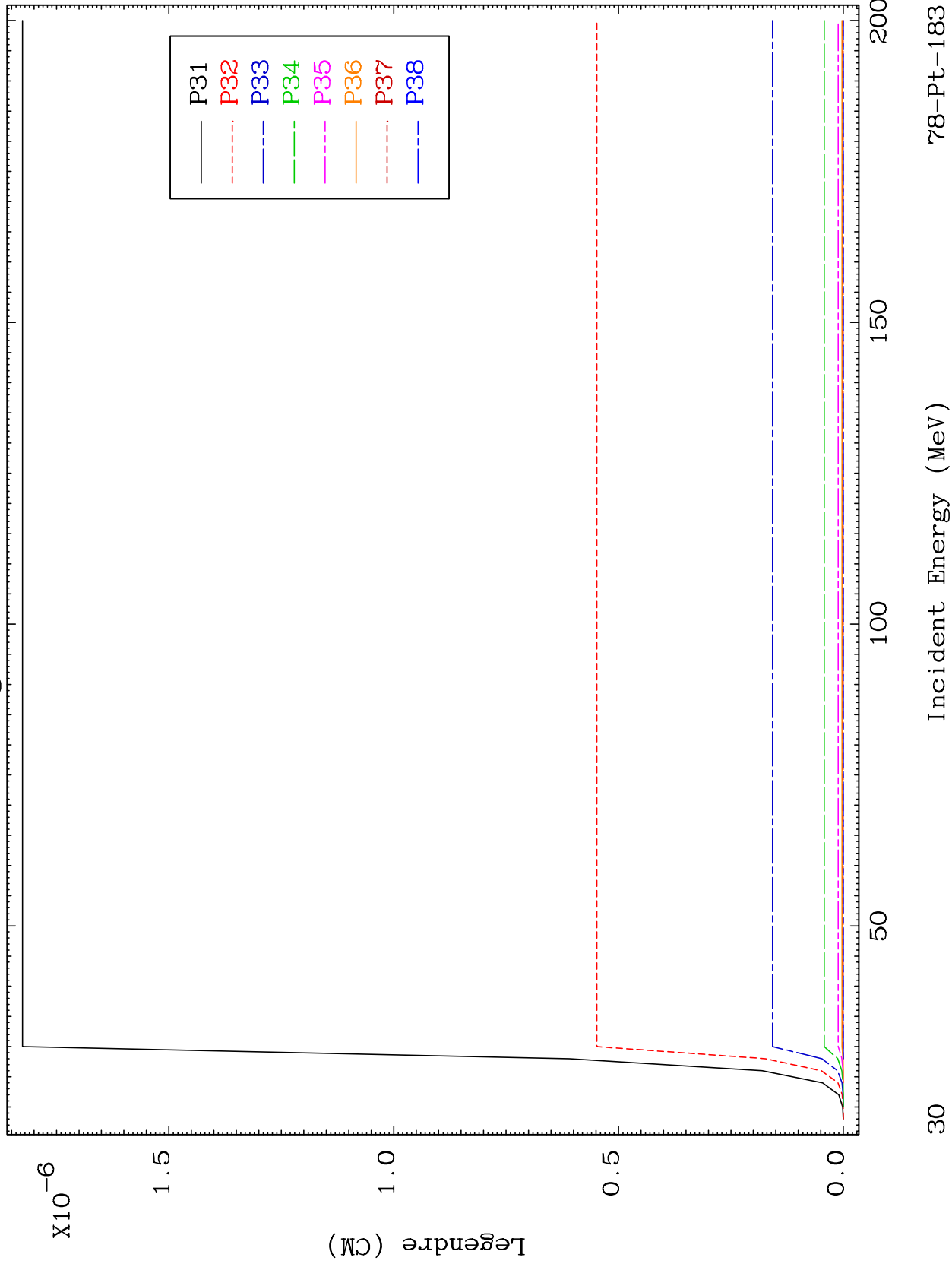
78-Pt-183



MAT 7804

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

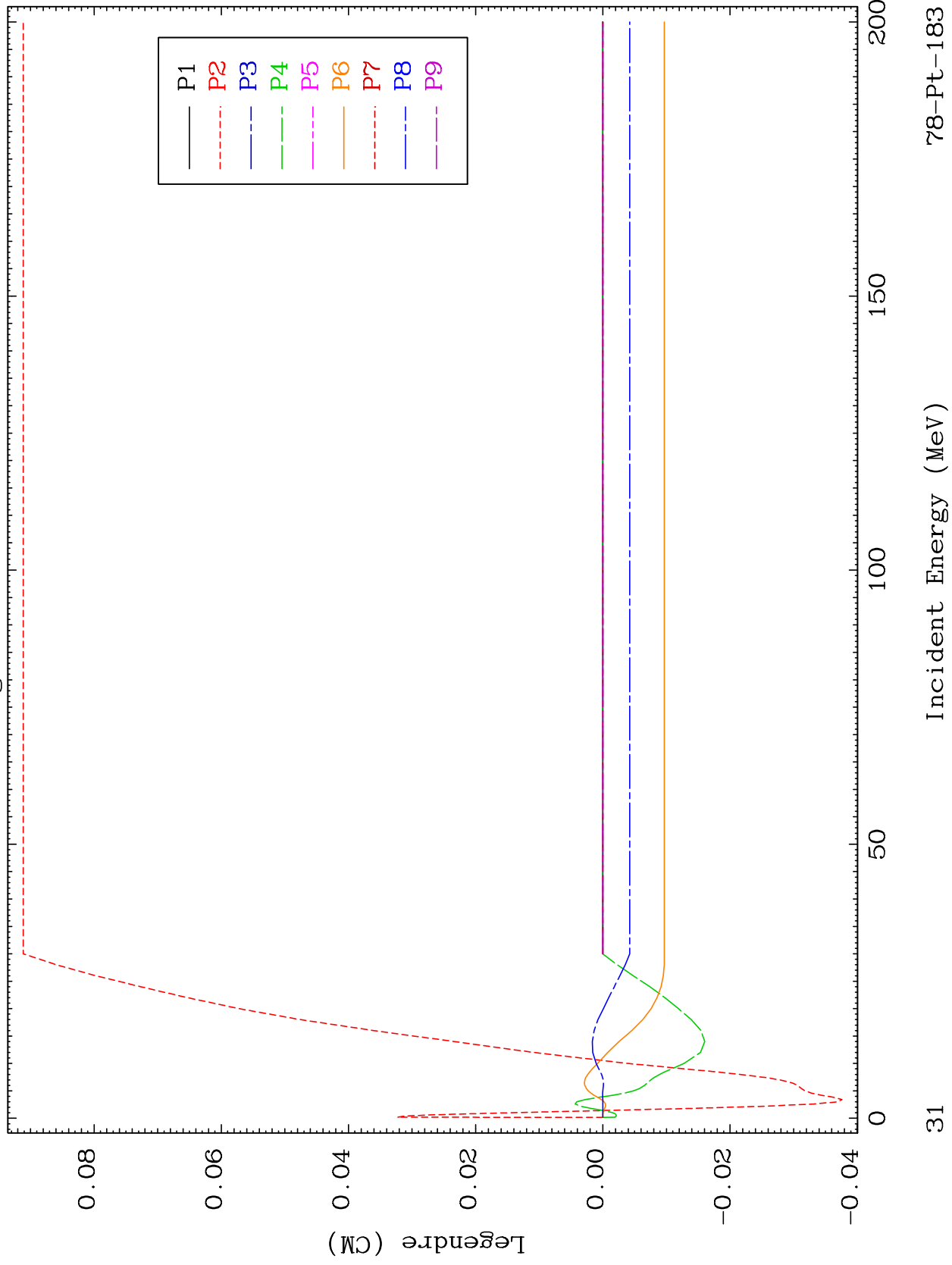
78-Pt-183



MAT 7804

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

78-Pt-183



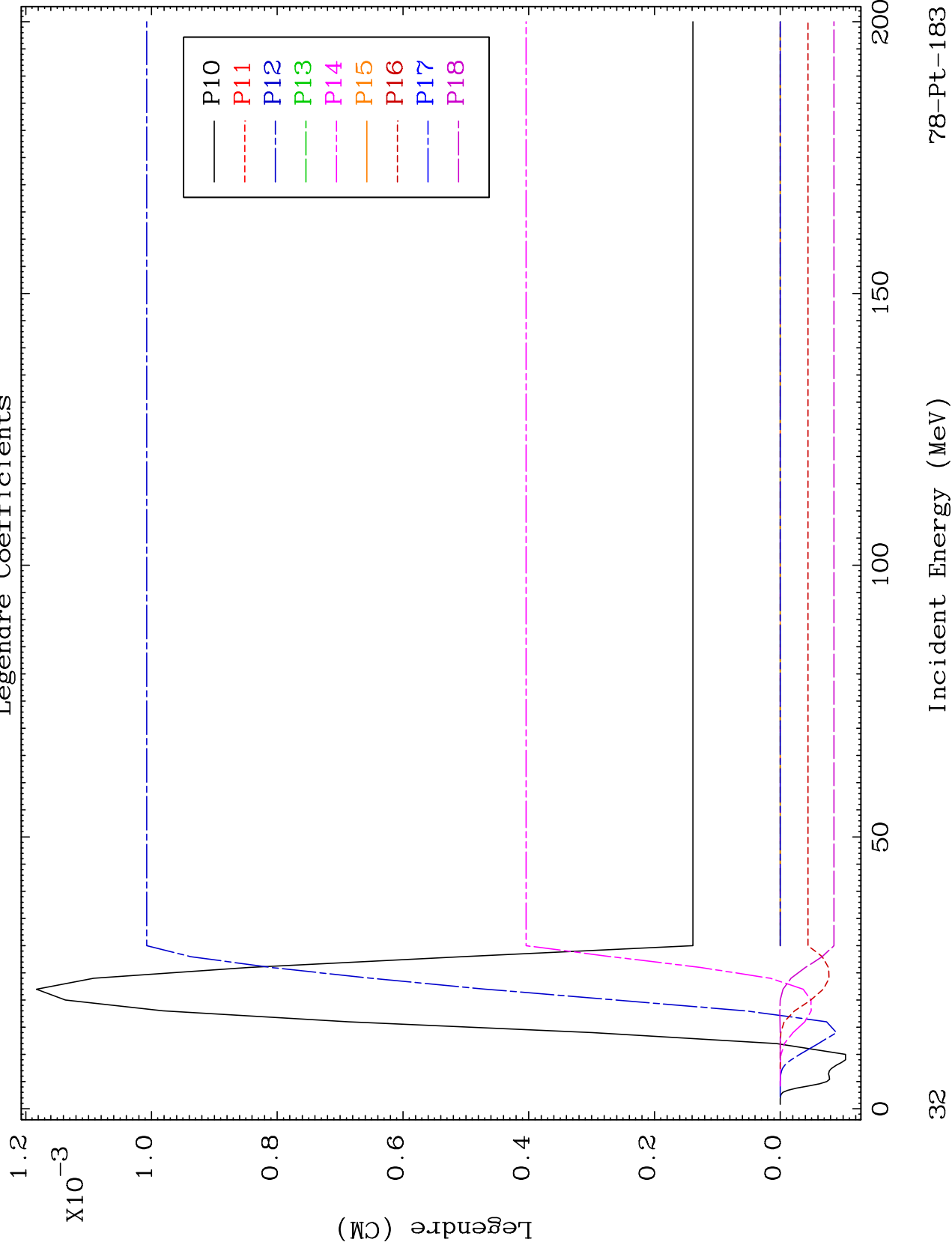
31

78-Pt-183

MAT 7804

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

78-Pt-183



78-Pt-183

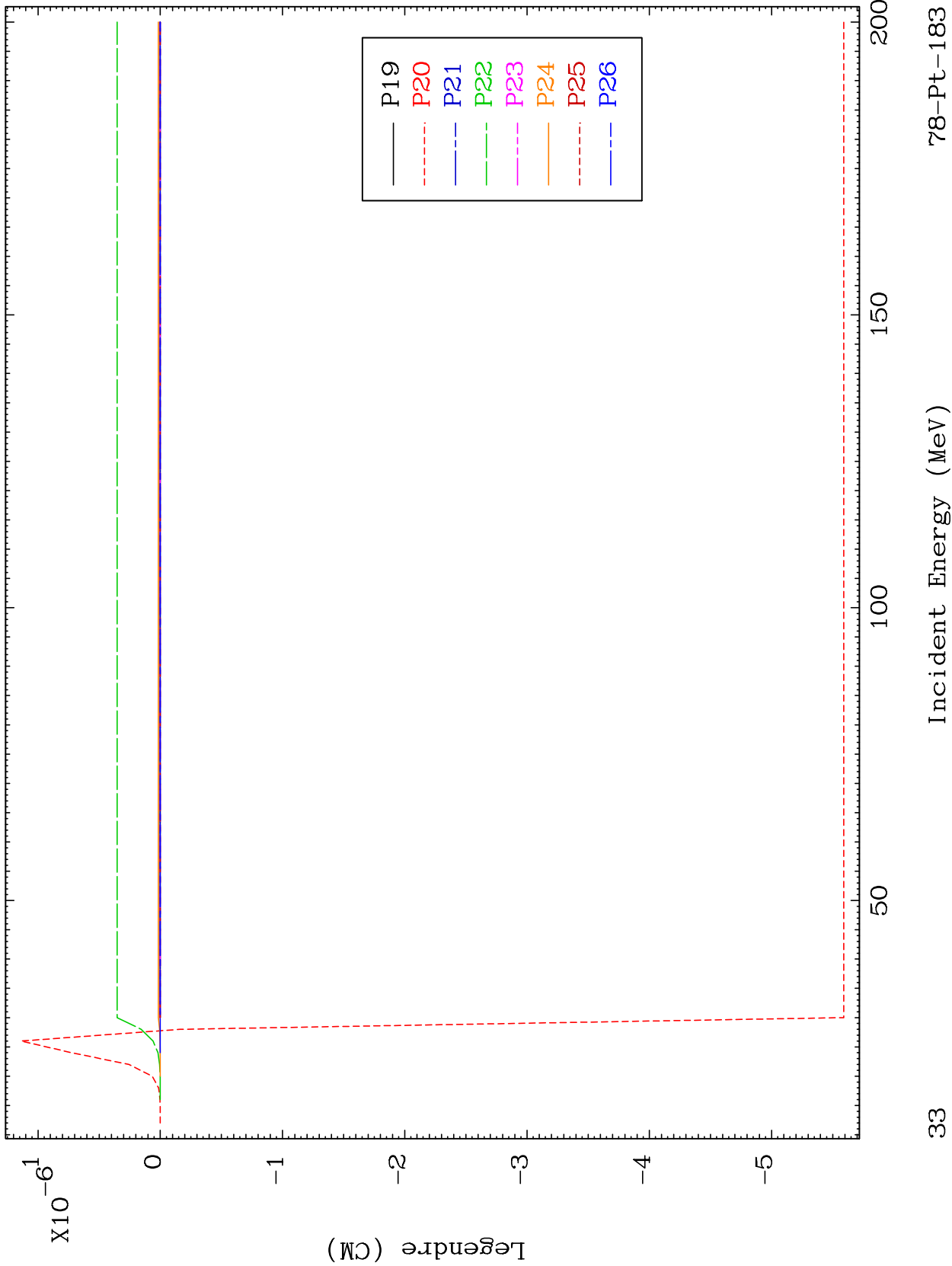
Incident Energy (MeV)

32

MAT 7804

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

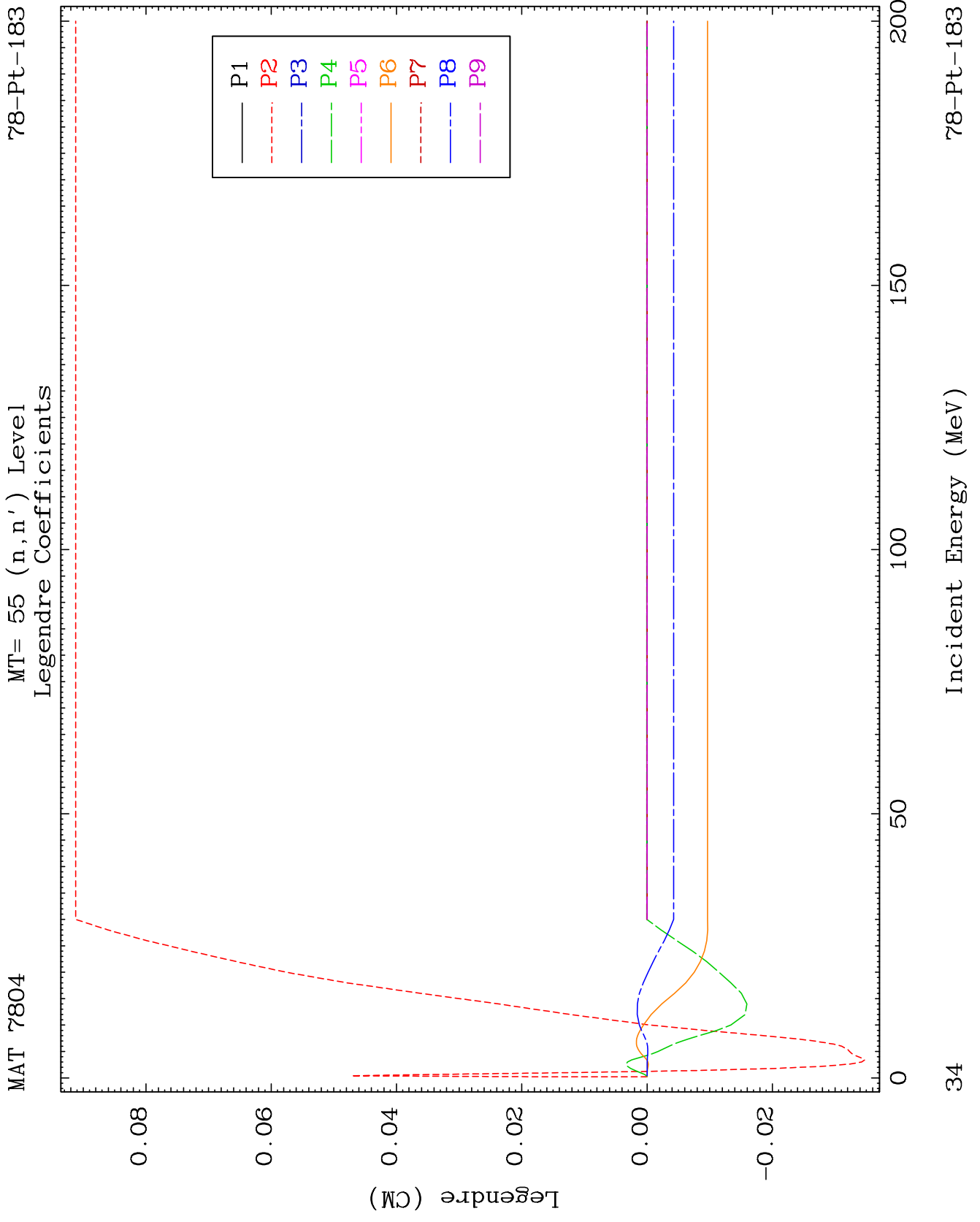
78-Pt-183



33

Incident Energy (MeV)

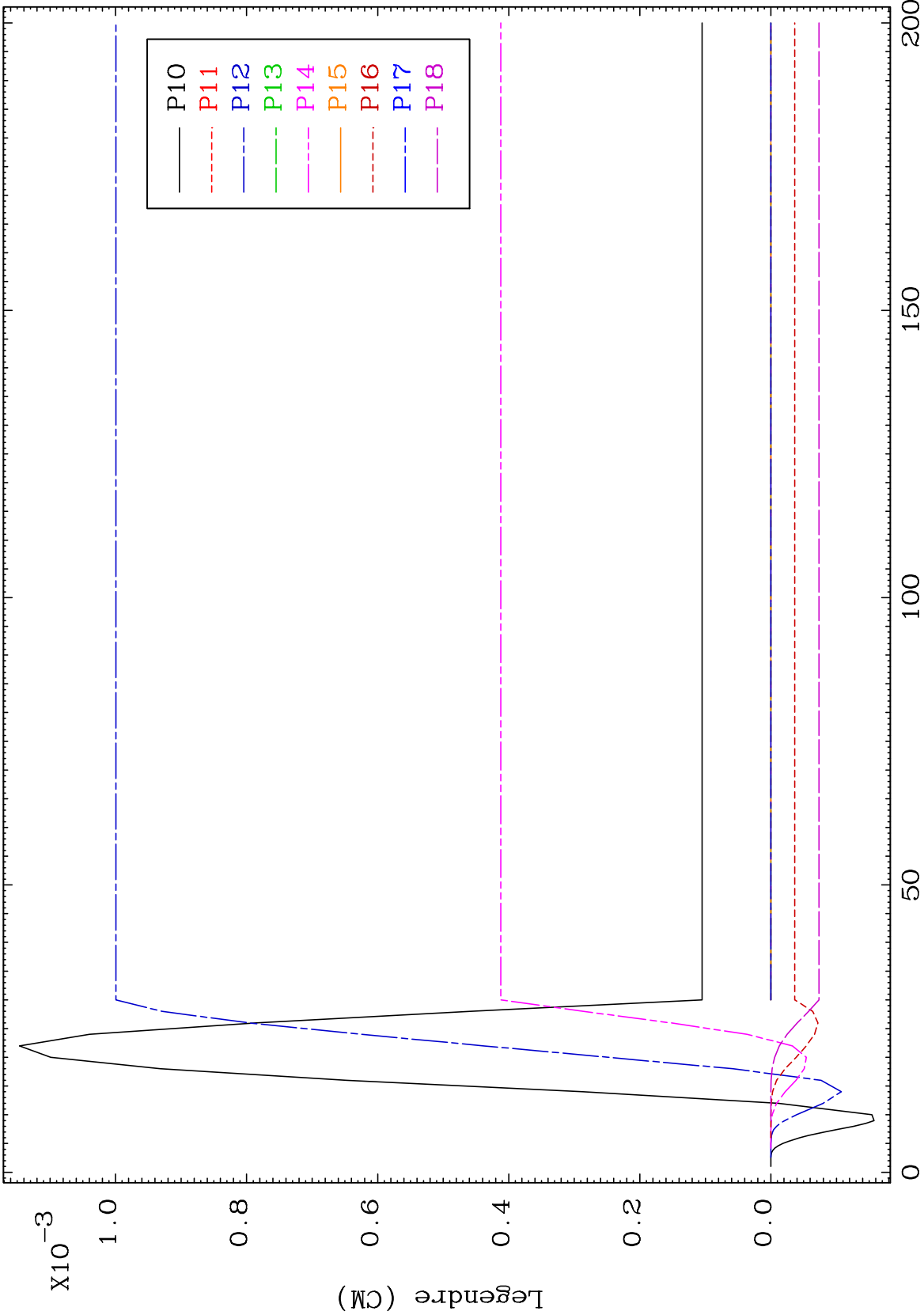
78-Pt-183



MAT 7804

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

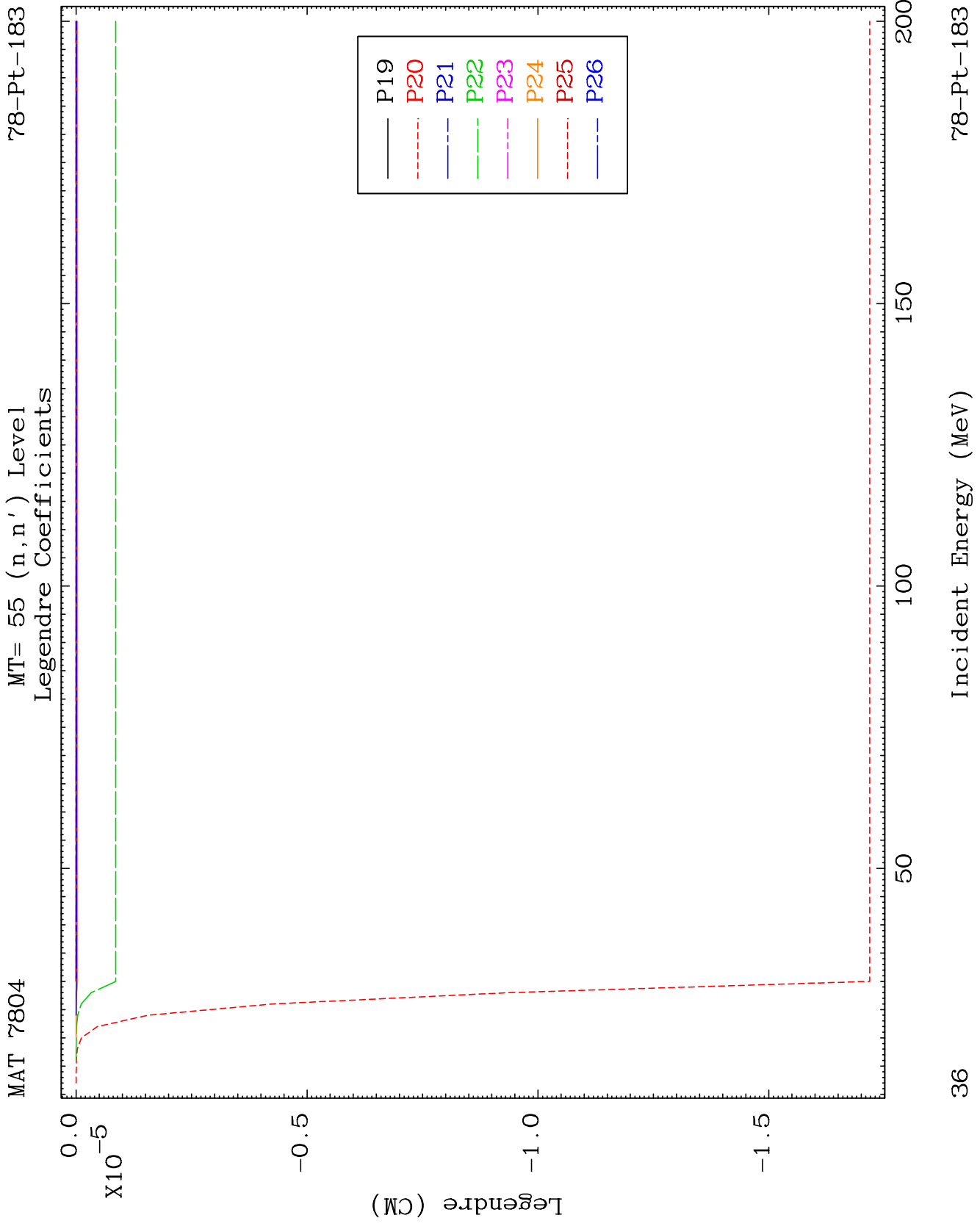
78-Pt-183

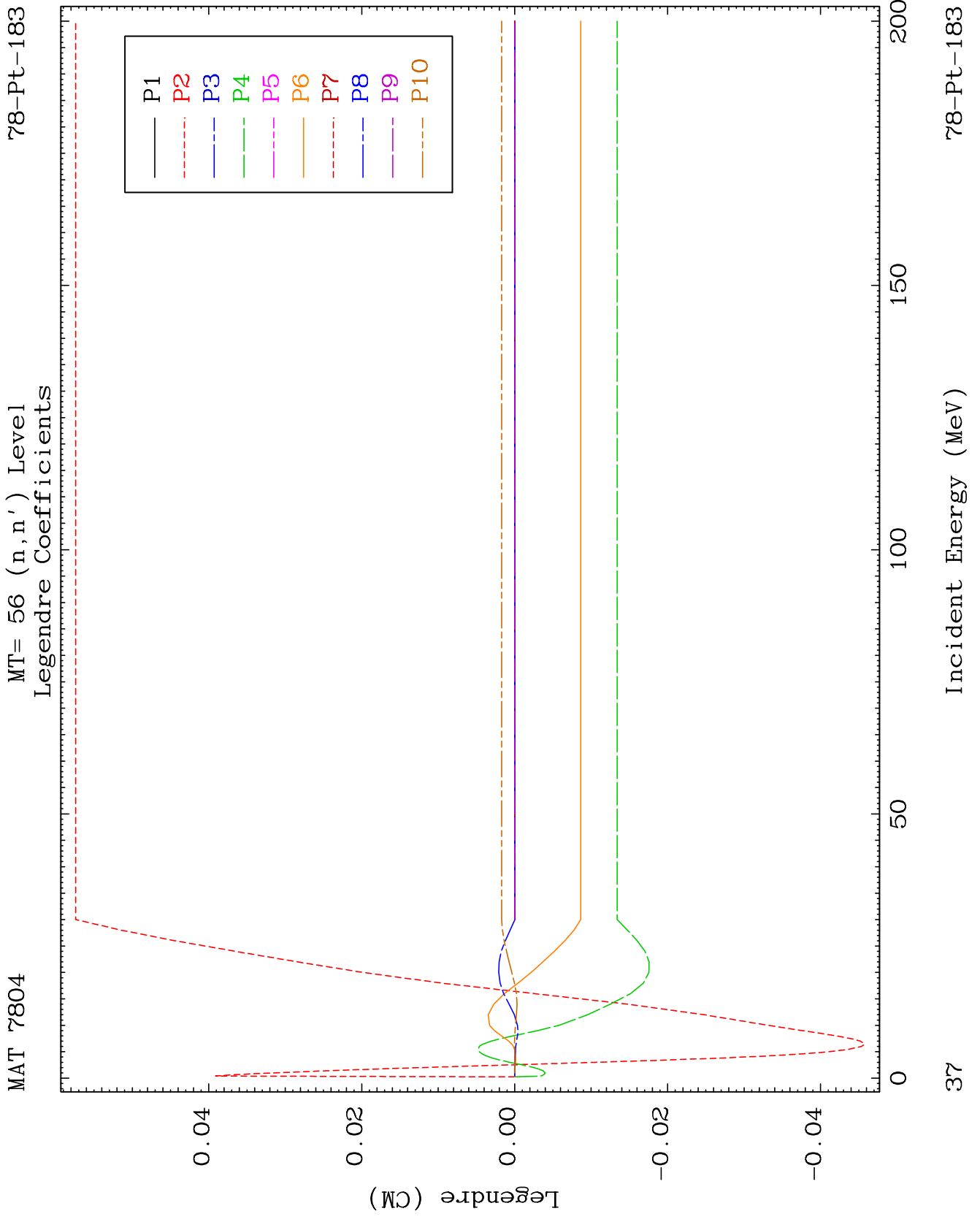


35

Incident Energy (MeV)

78-Pt-183

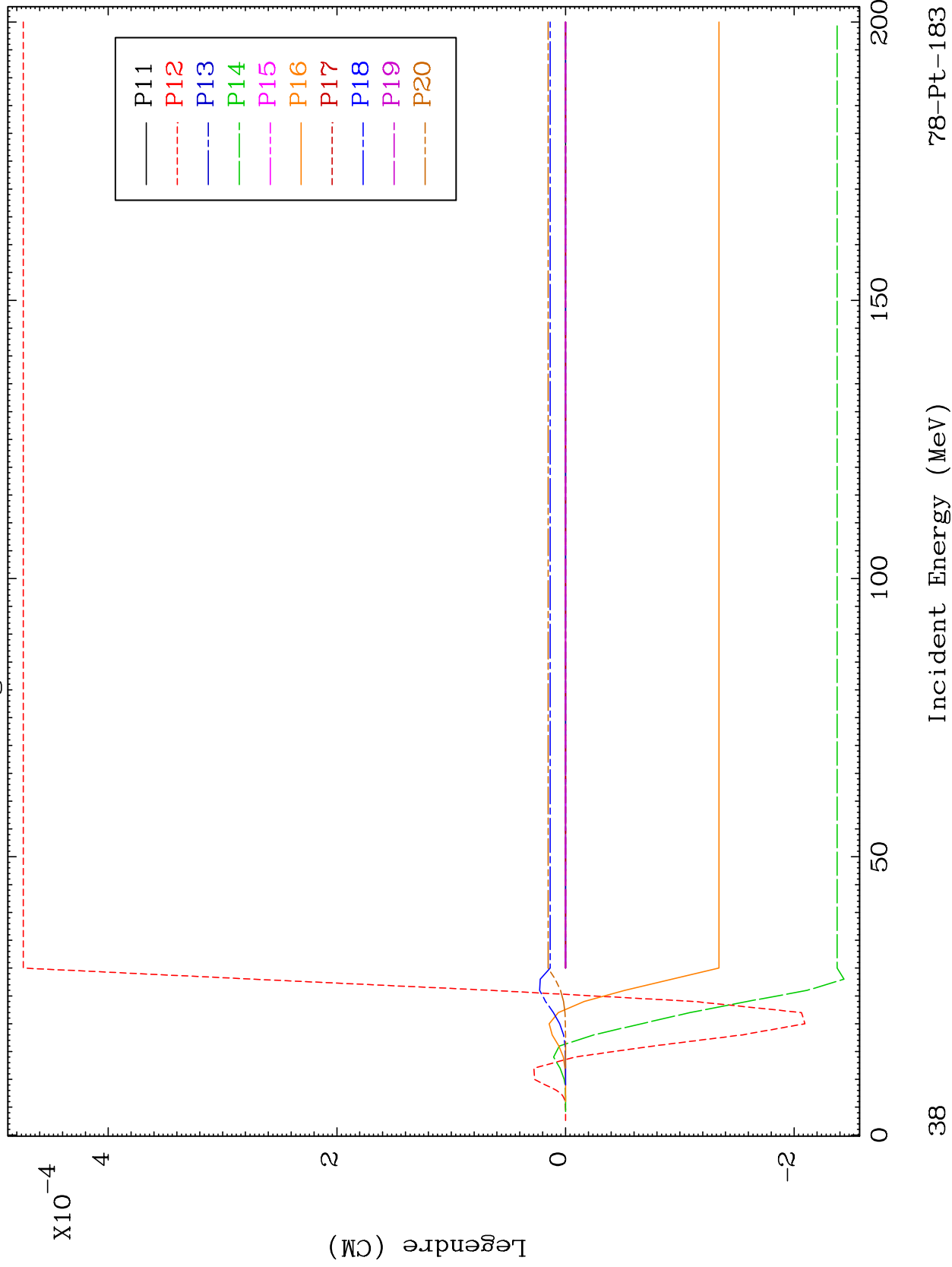




MAT 7804

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

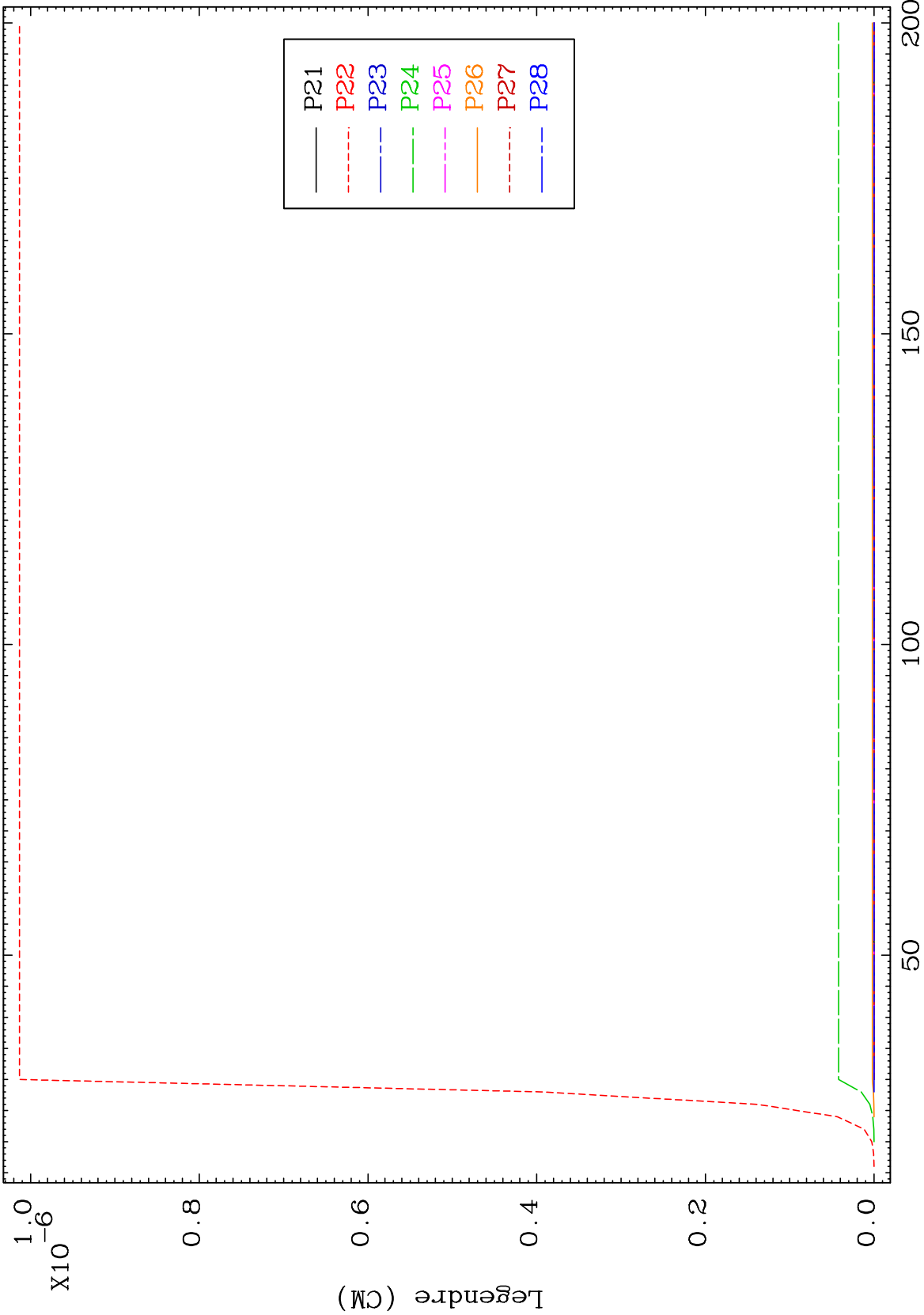
78-Pt-183



MAT 7804

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

78-Pt-183



39

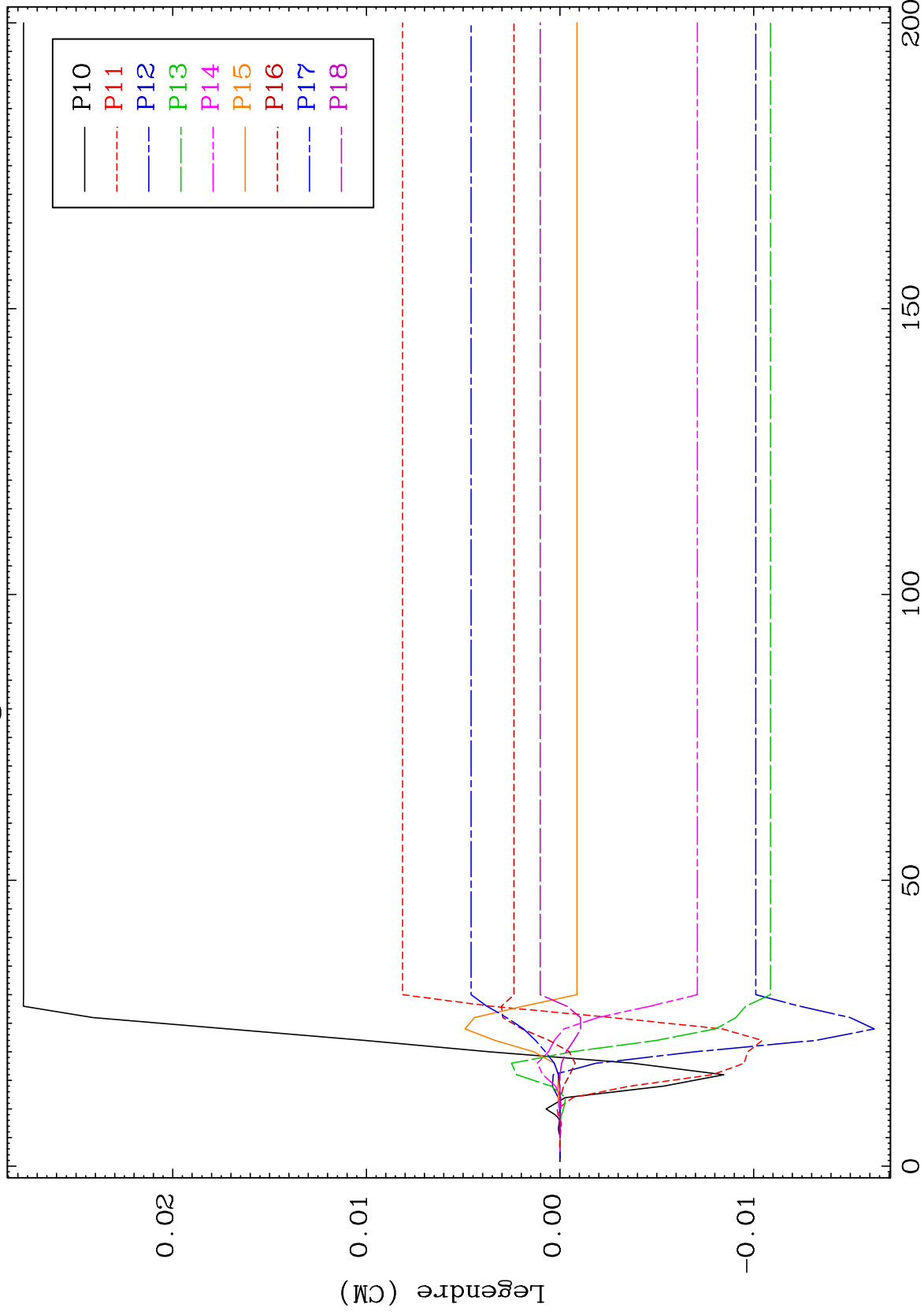
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



41

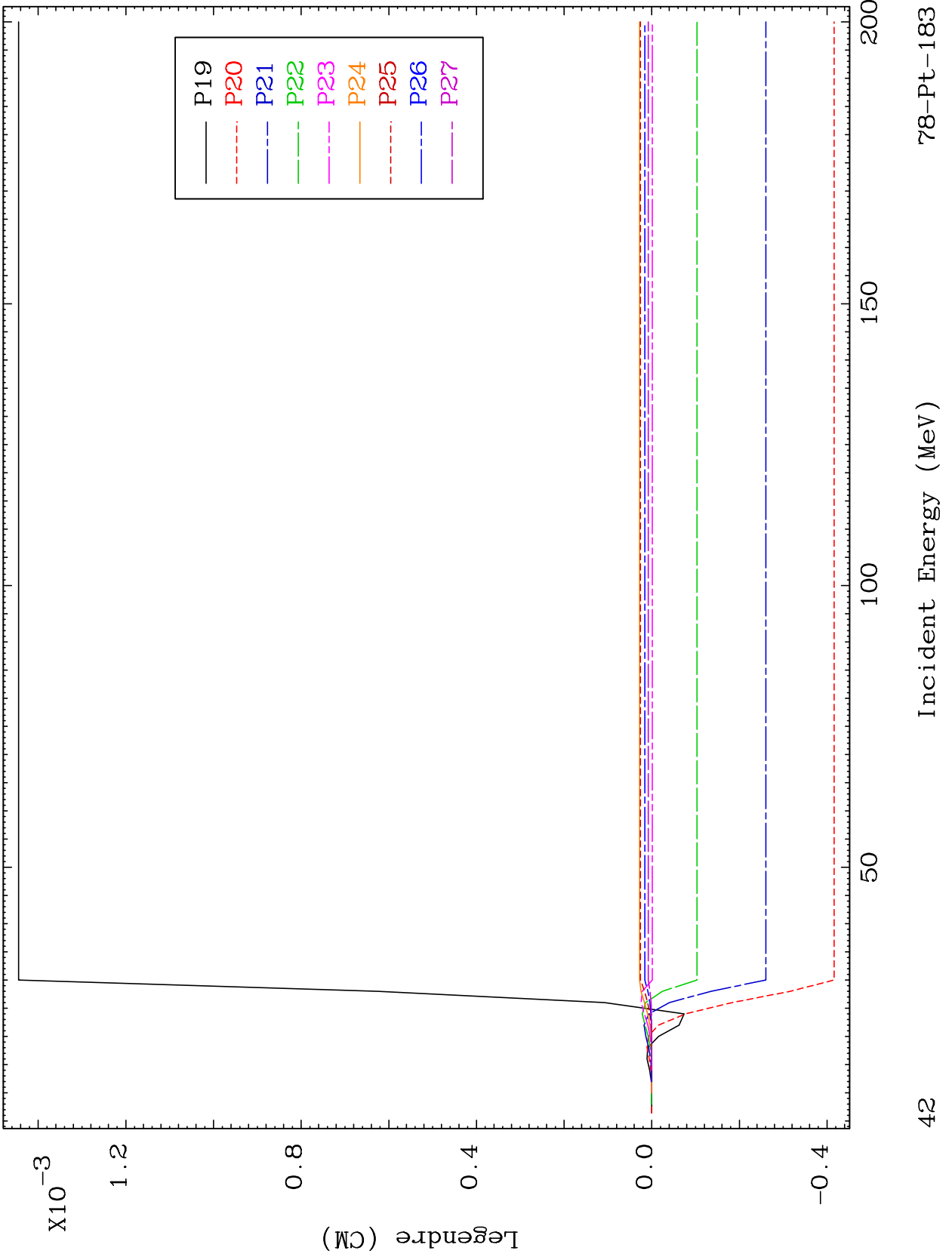
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



42

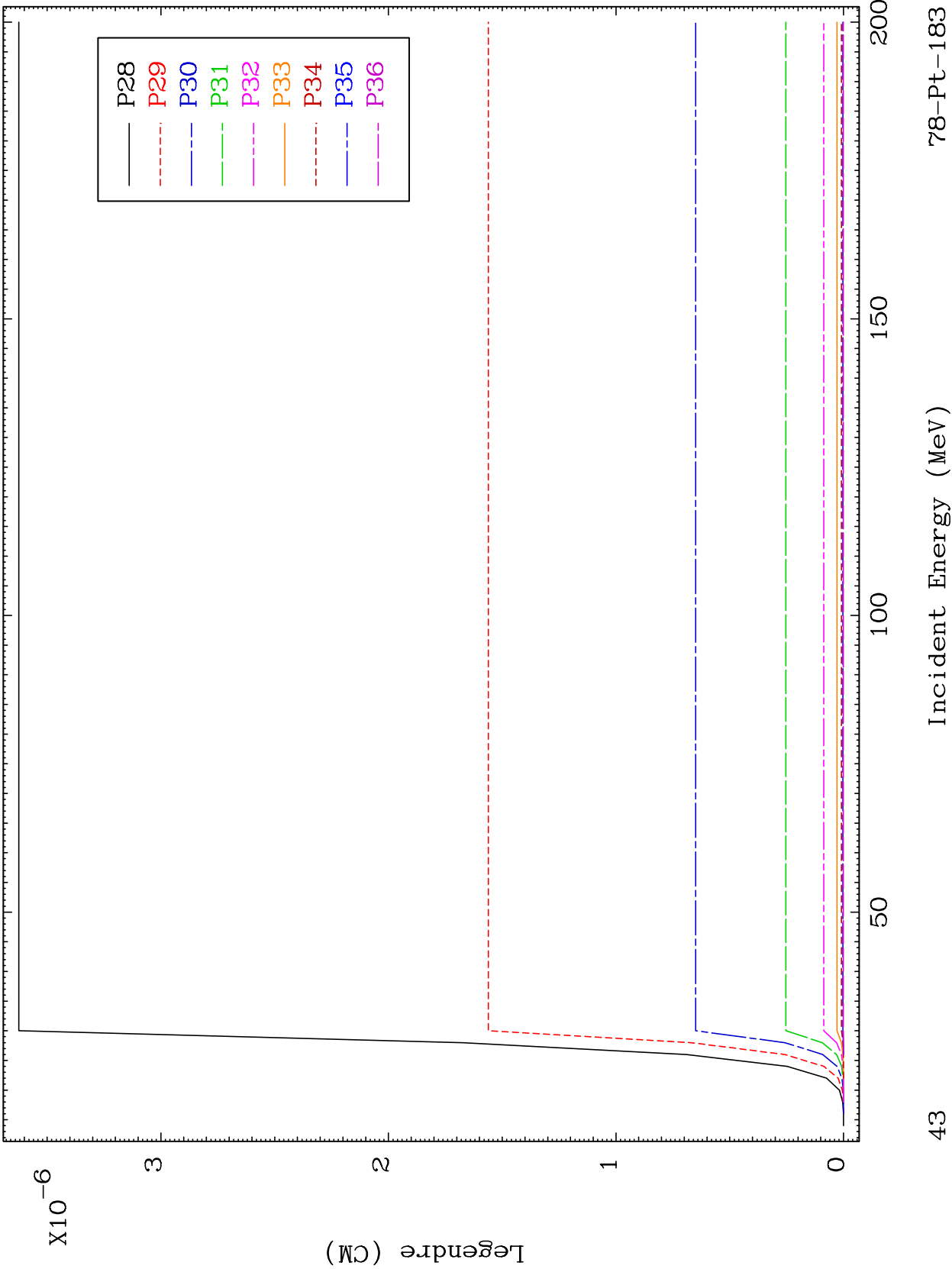
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

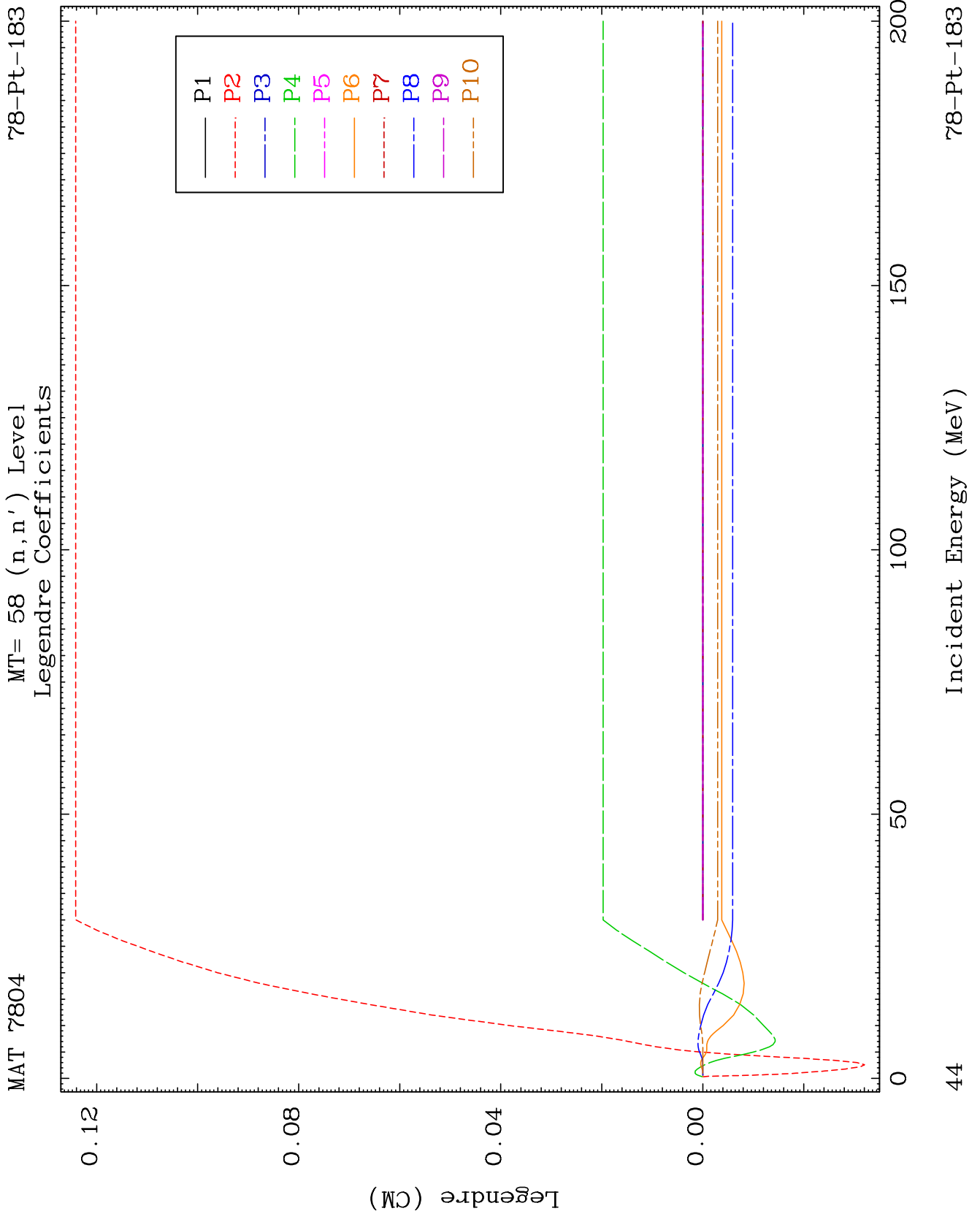
78-Pt-183



43

Incident Energy (MeV)

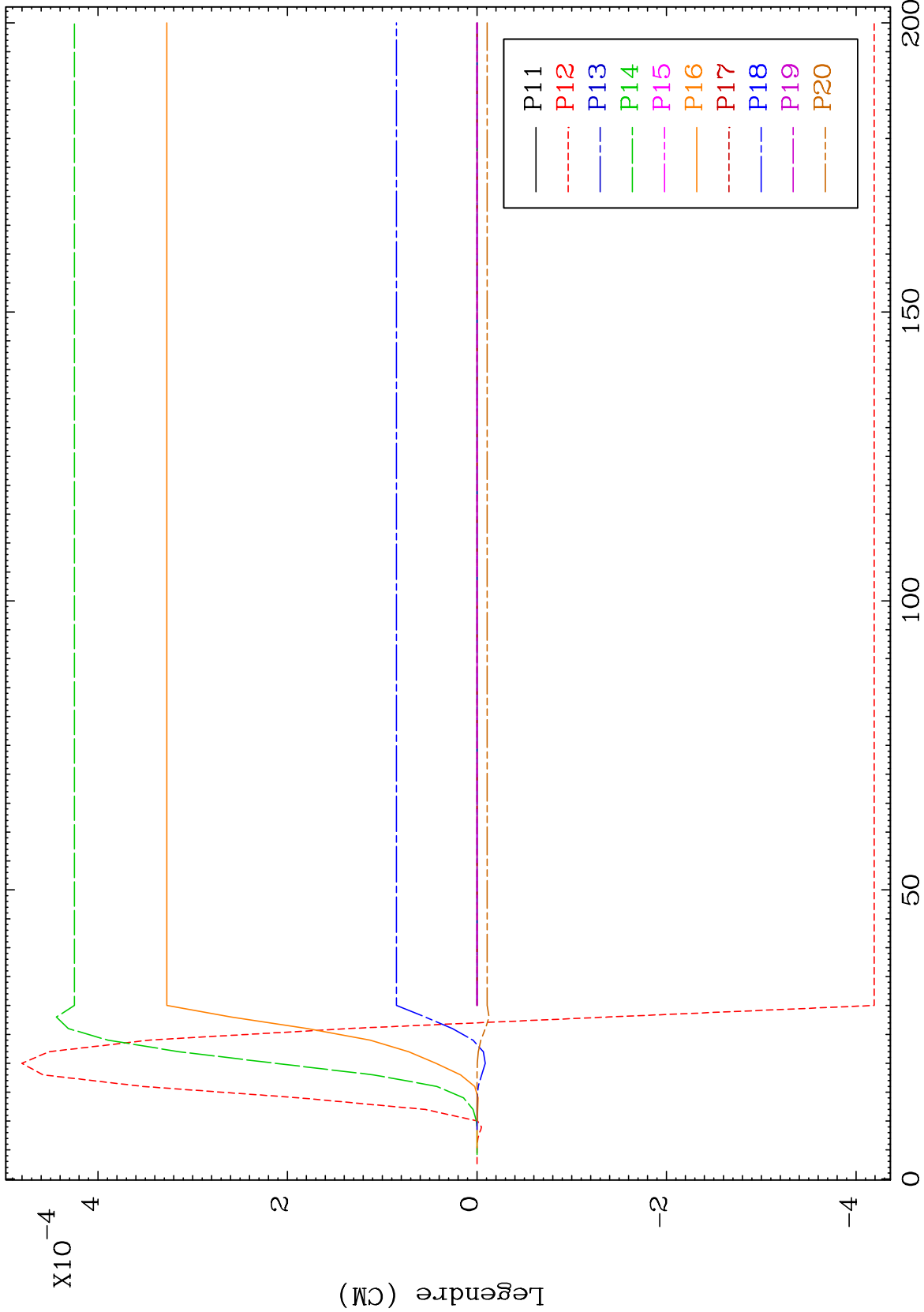
78-Pt-183



MAT 7804

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

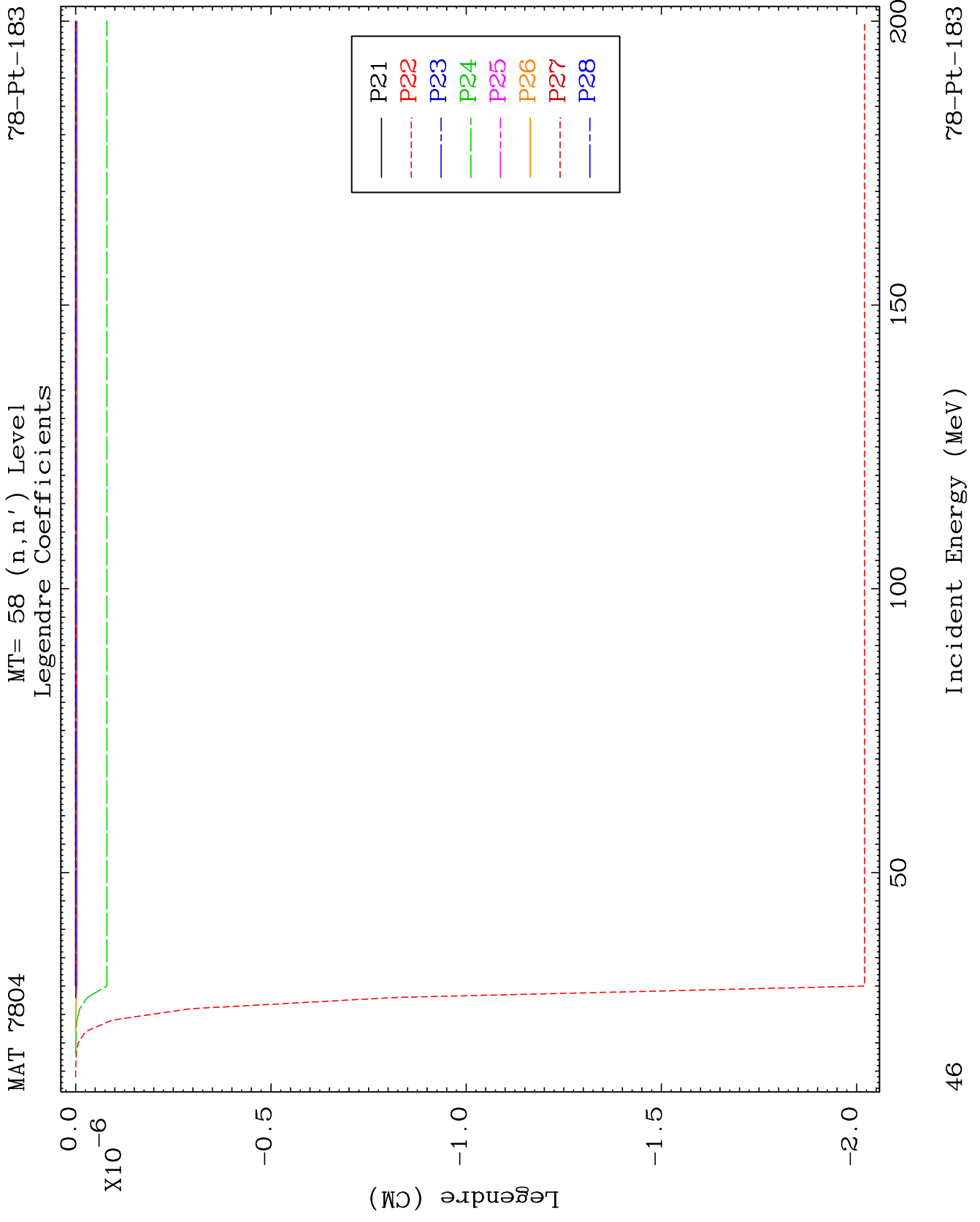
78-Pt-183

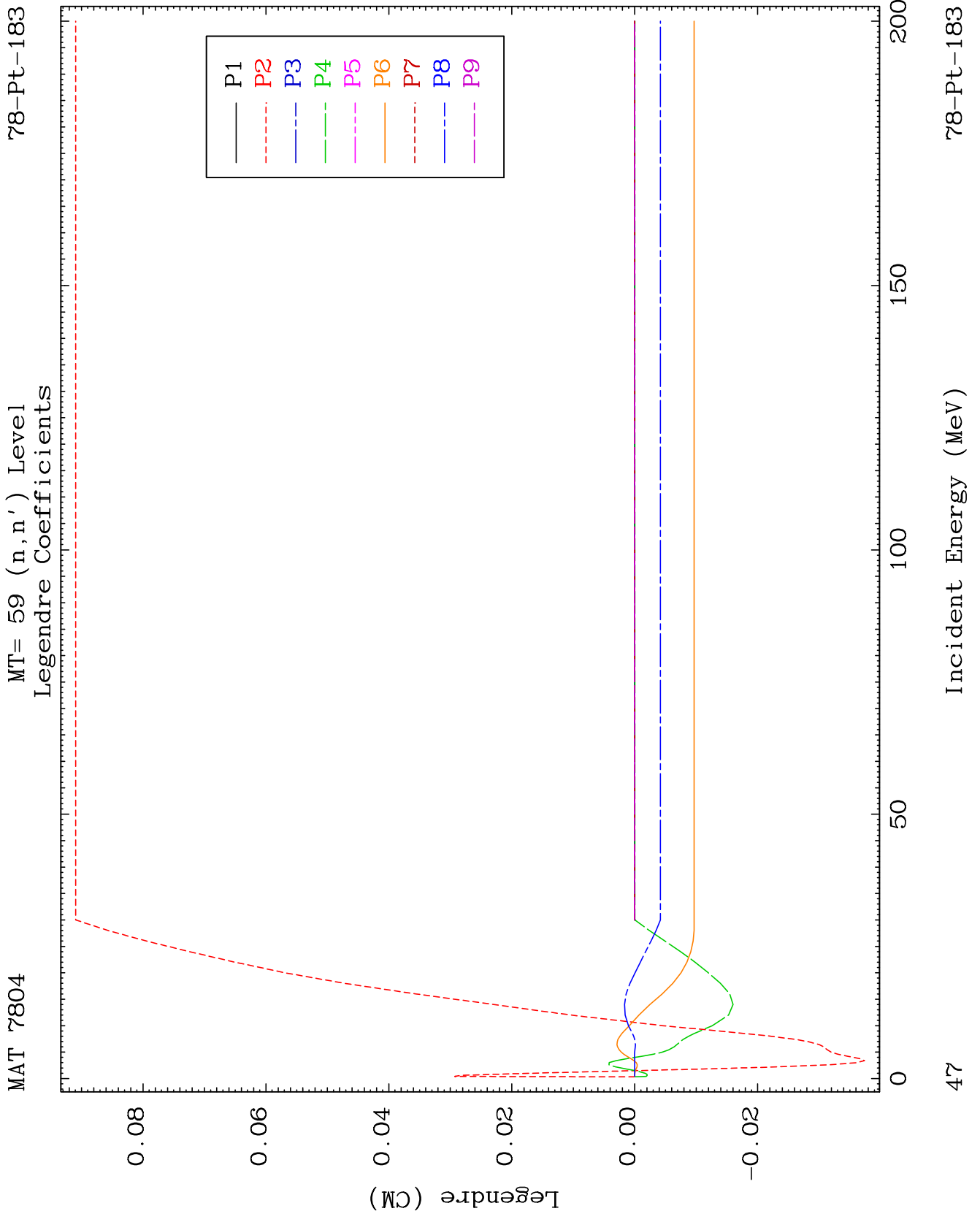


45

Incident Energy (MeV)

78-Pt-183

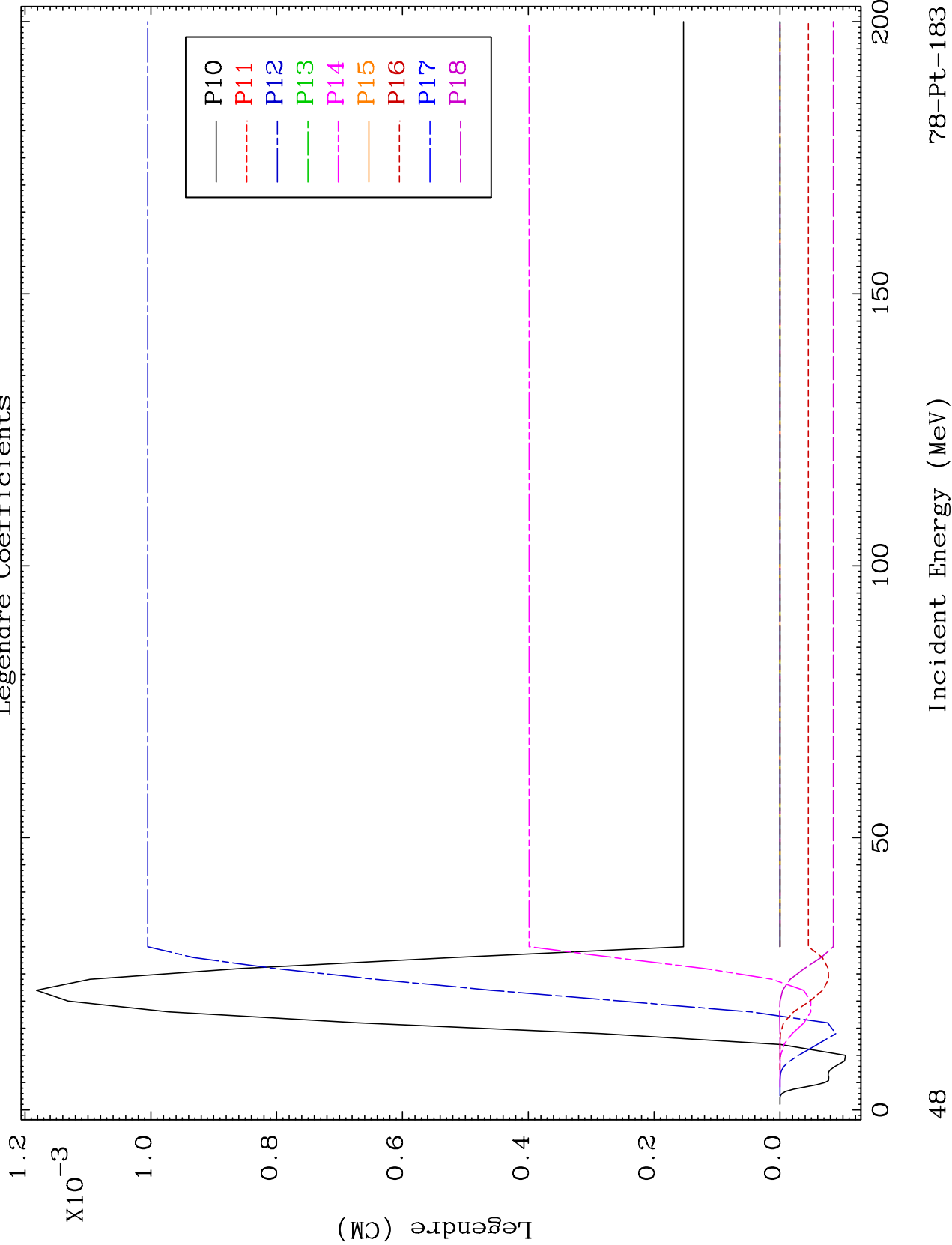




MAT 7804

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

78-Pt-183



78-Pt-183

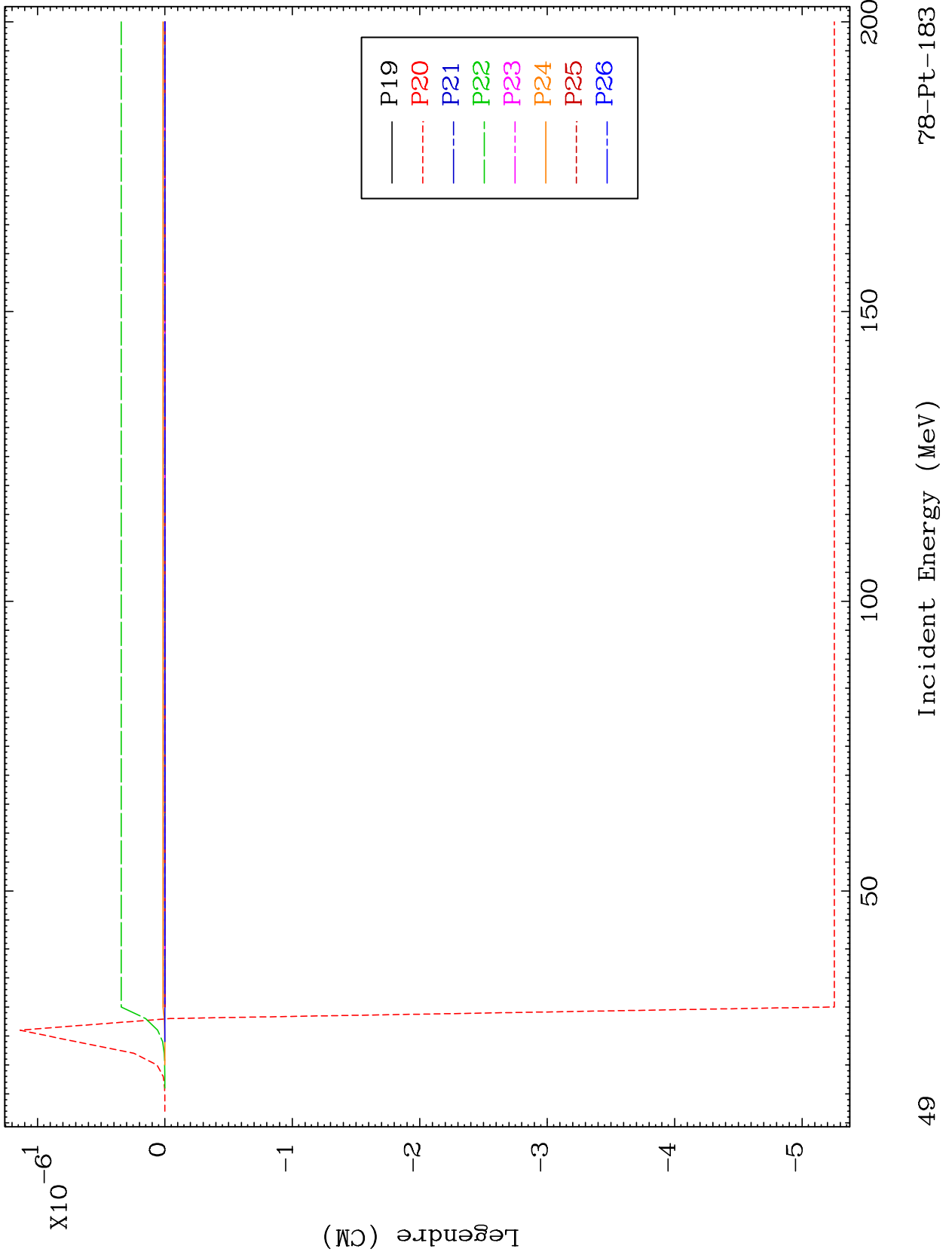
Incident Energy (MeV)

48

MAT 7804

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

78-Pt-183



49

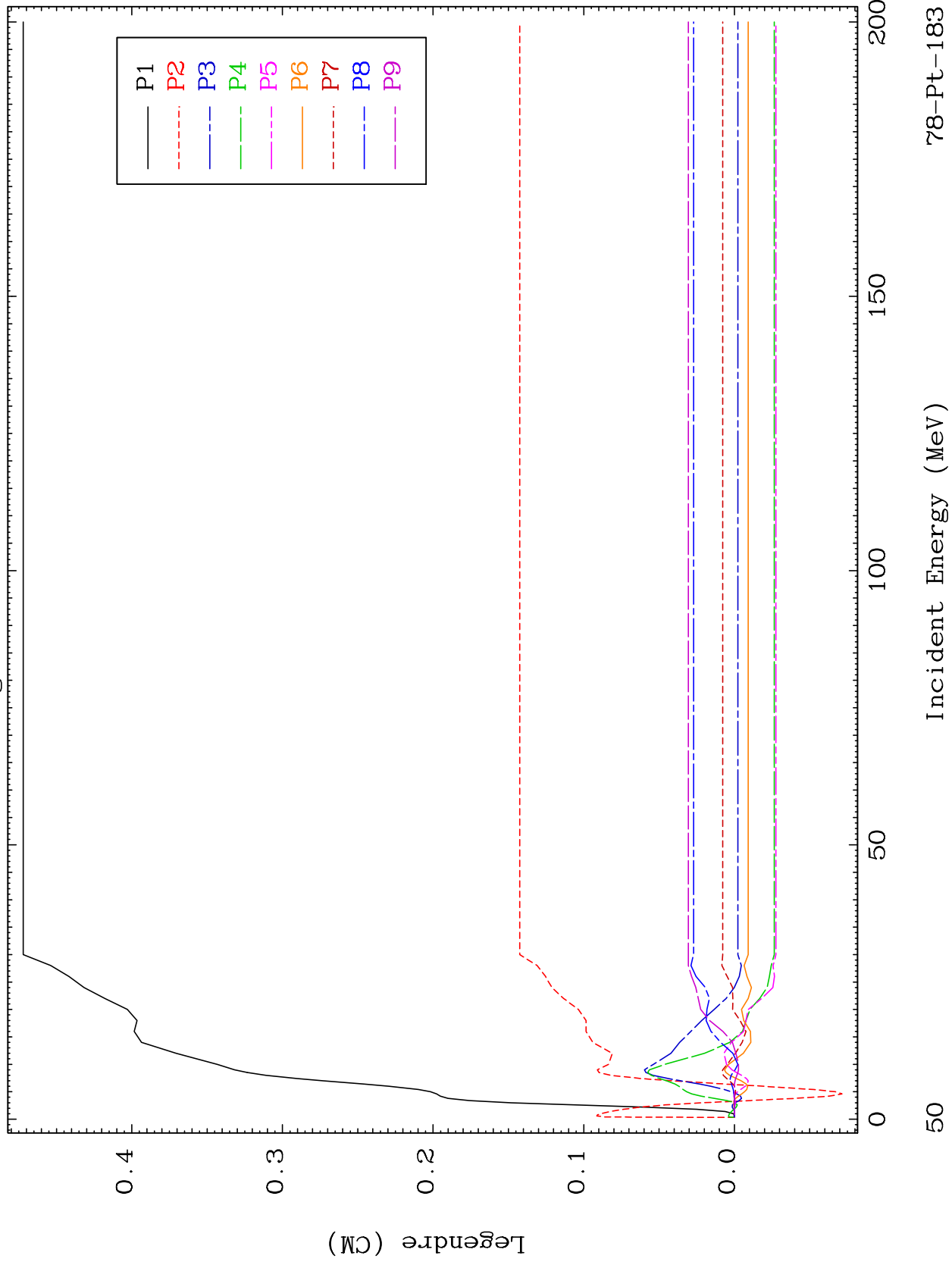
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

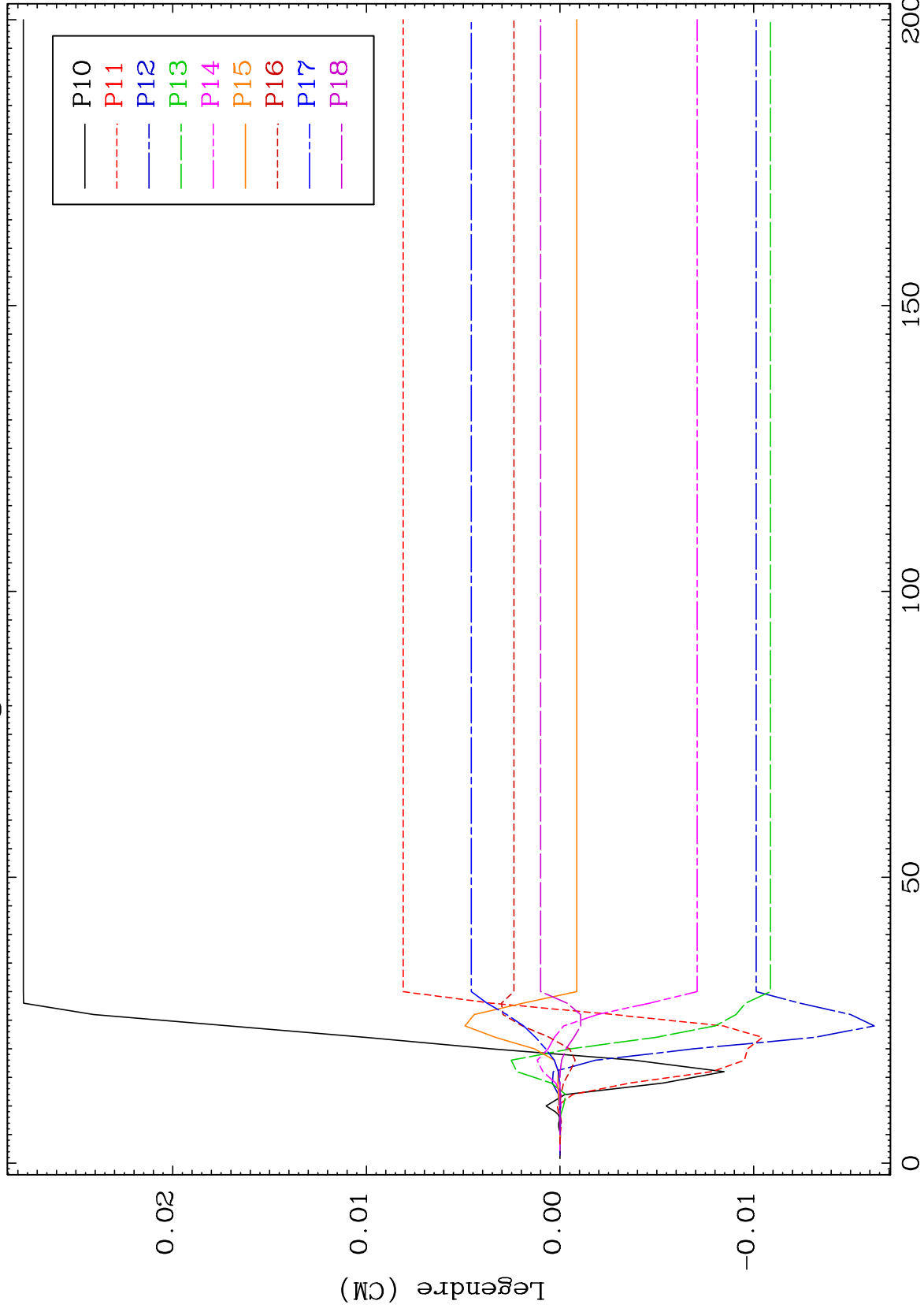
78-Pt-183



MAT 7804

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

78-Pt-183



51

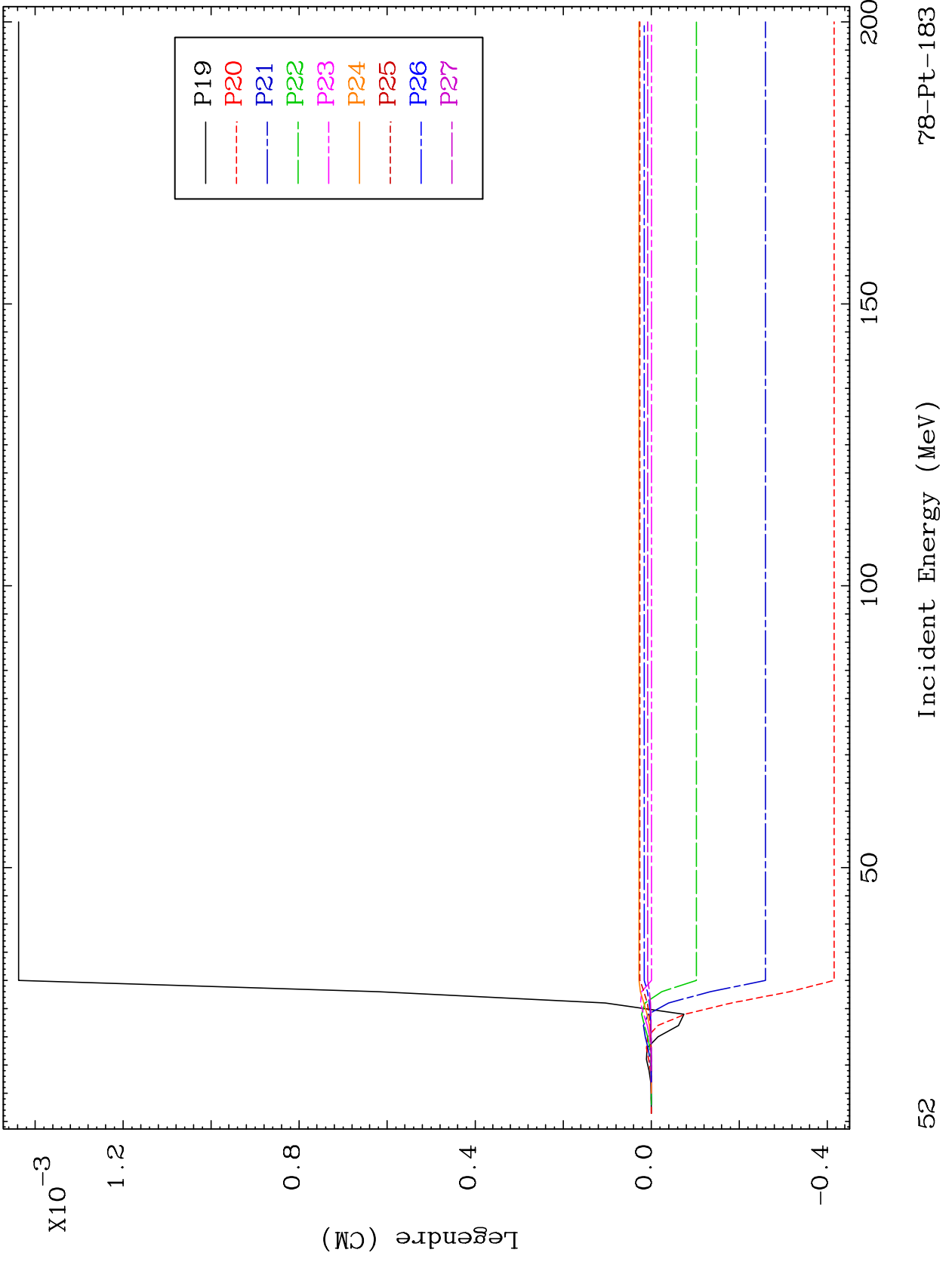
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



52

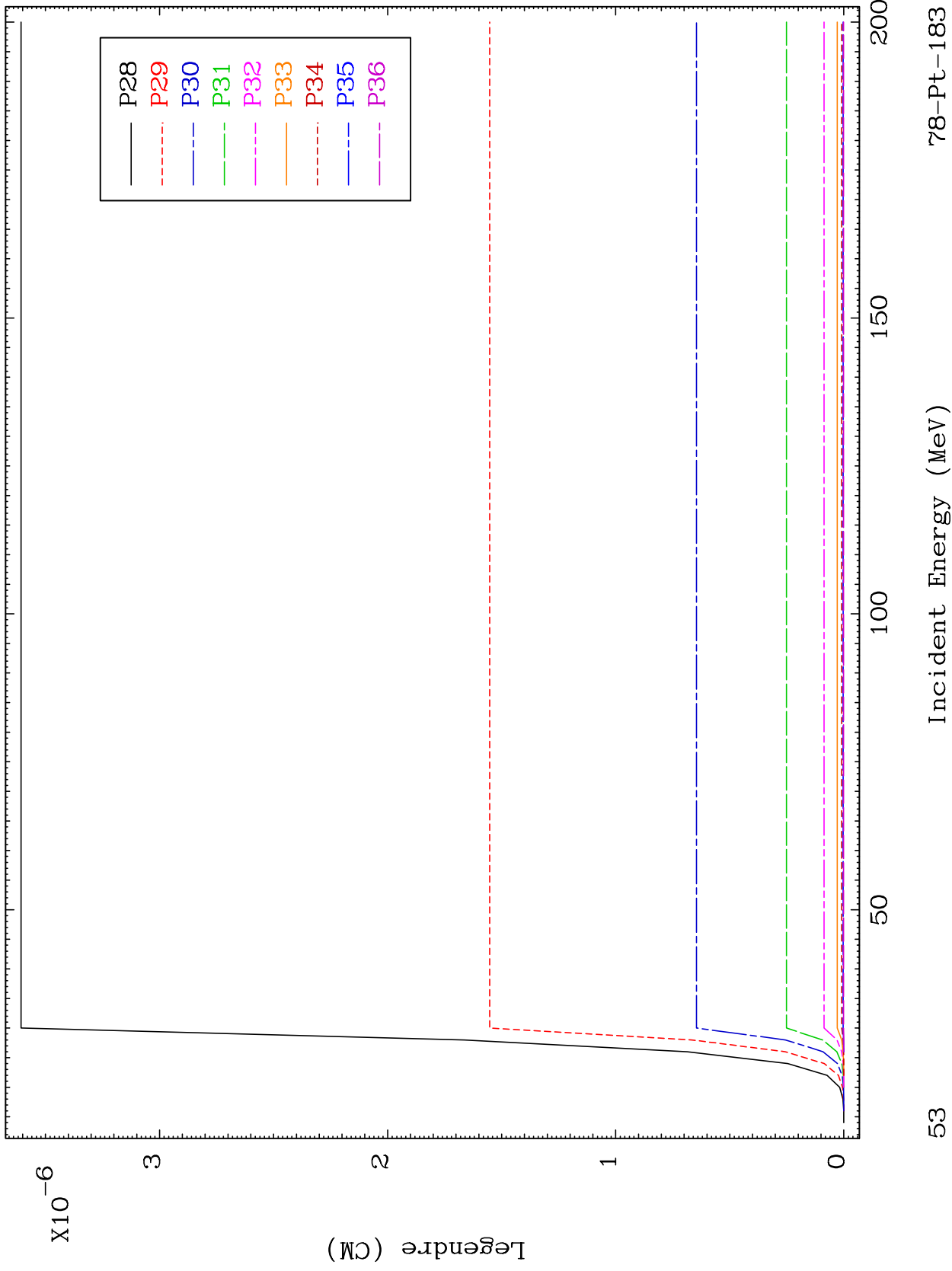
Incident Energy (MeV)

78-Pt-183

MAT 7804

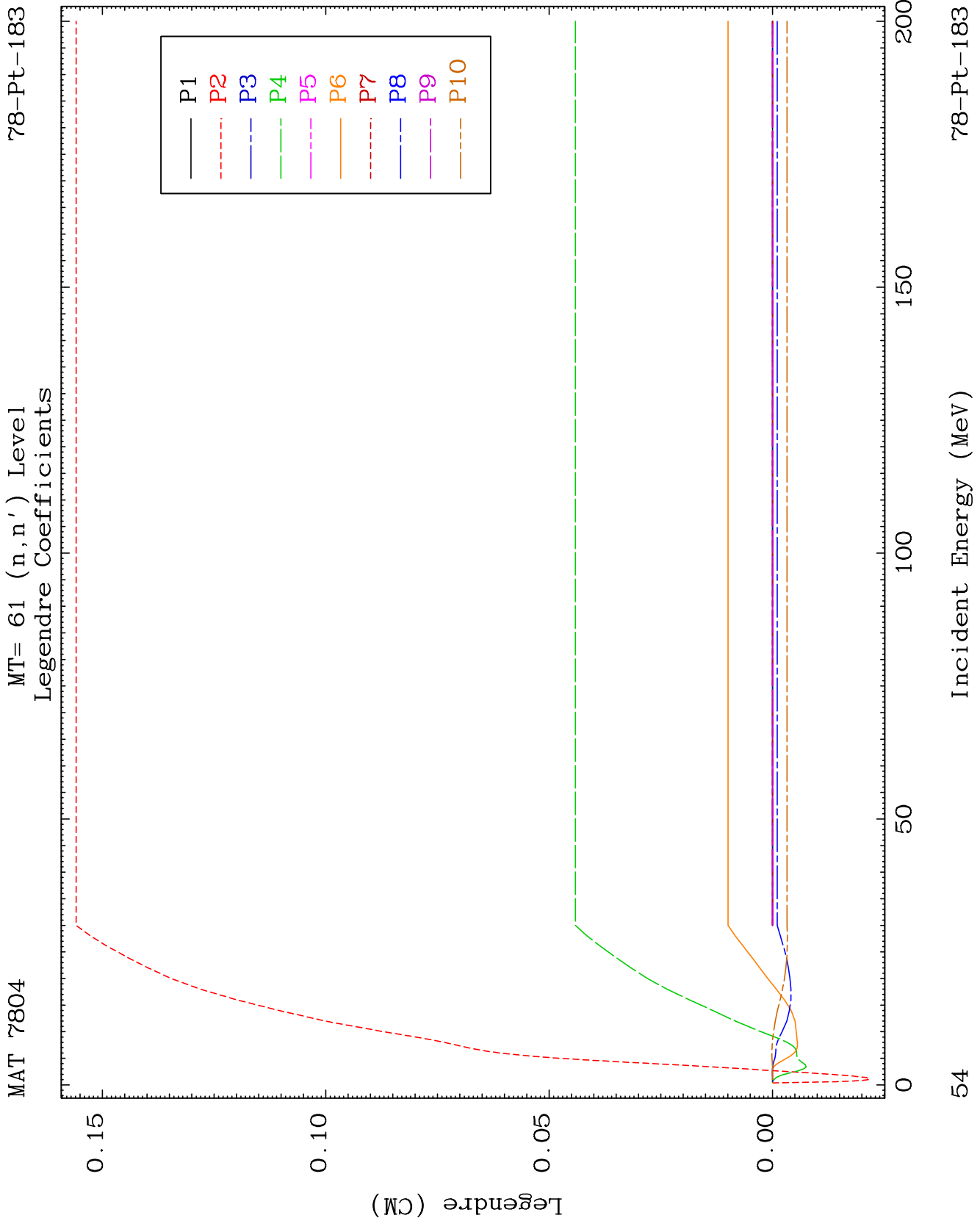
MT= 60 (n,n') Level
Legendre Coefficients

78-Pt-183



53

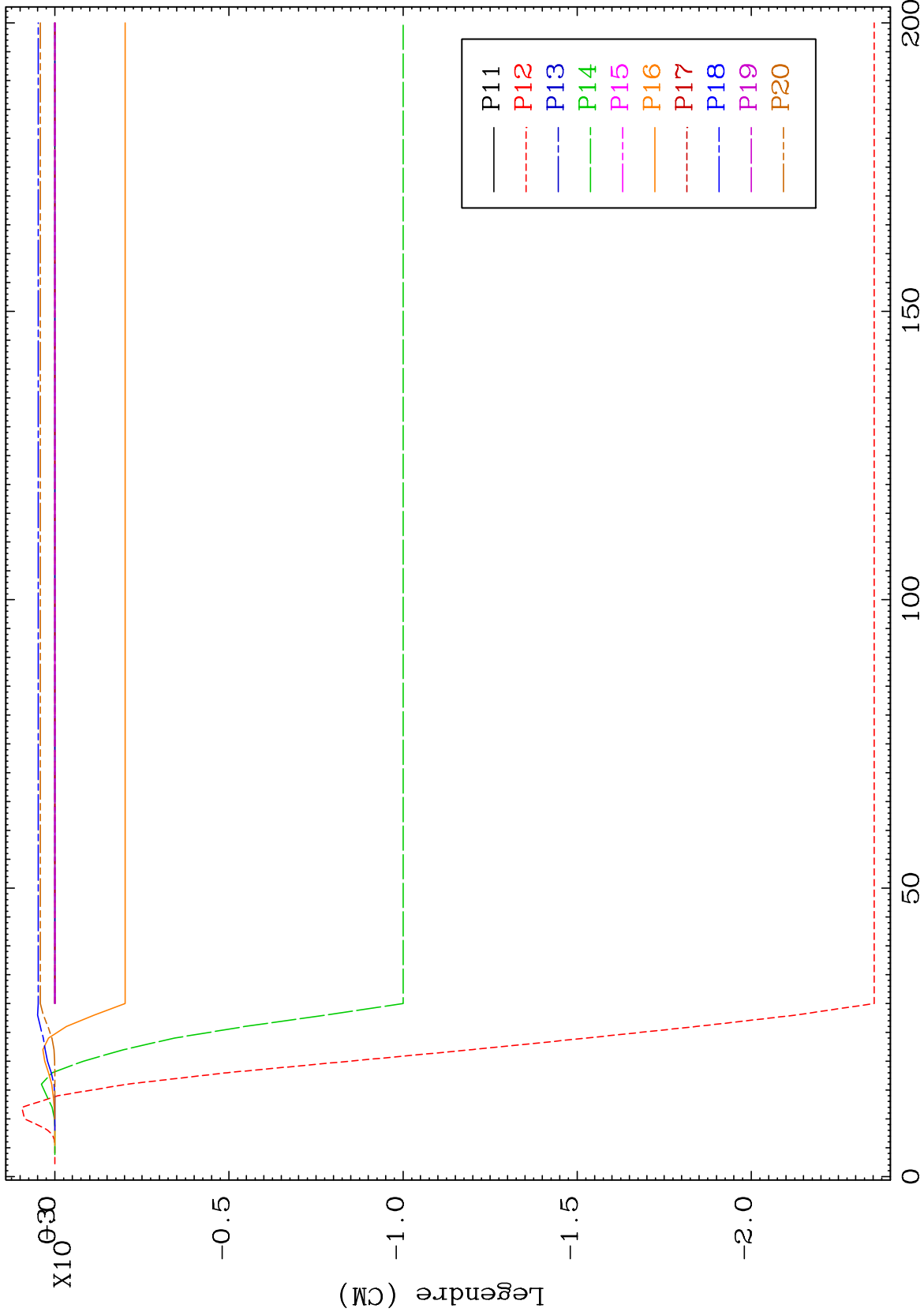
78-Pt-183



MAT 7804

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

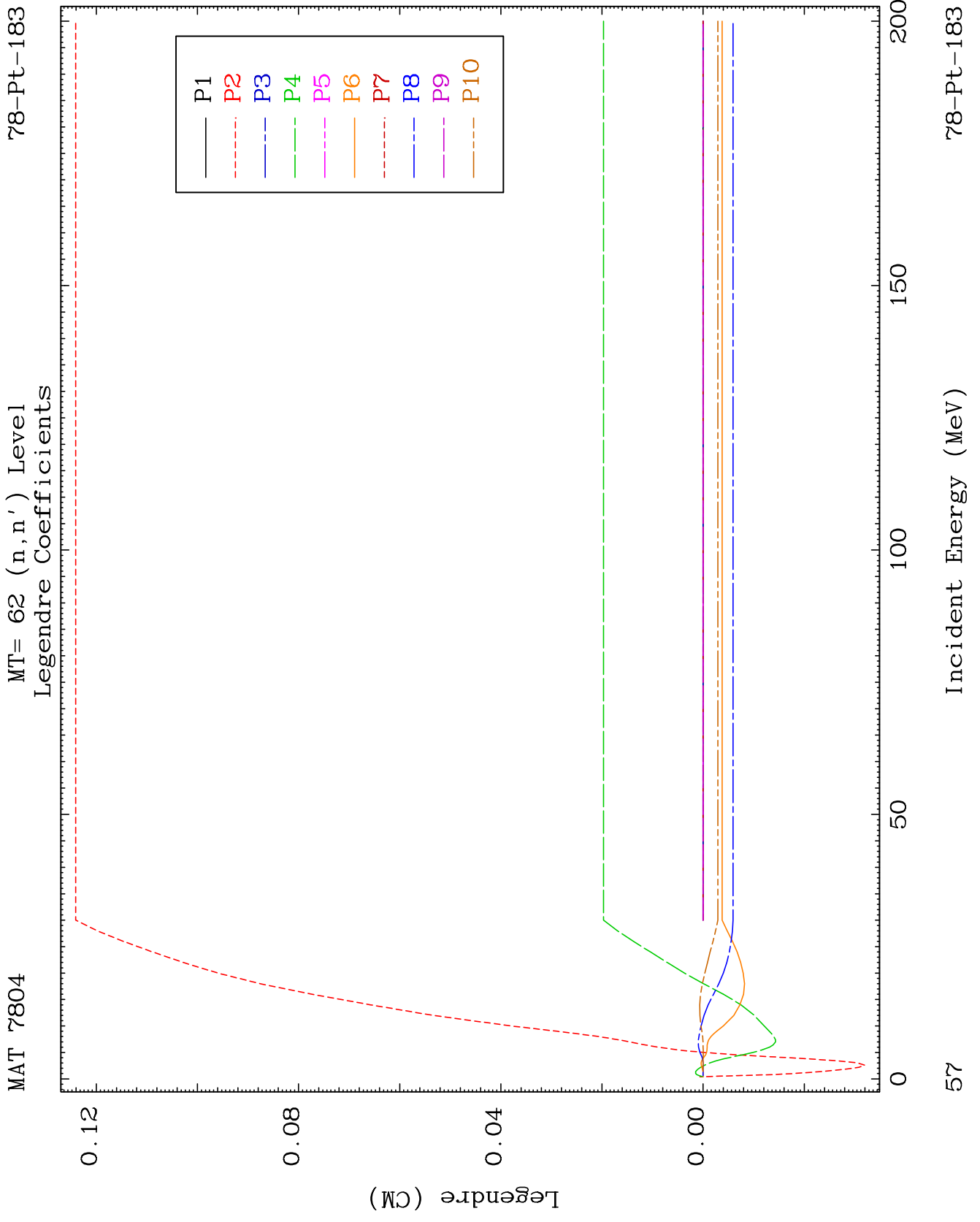
78-Pt-183



55

Incident Energy (MeV)

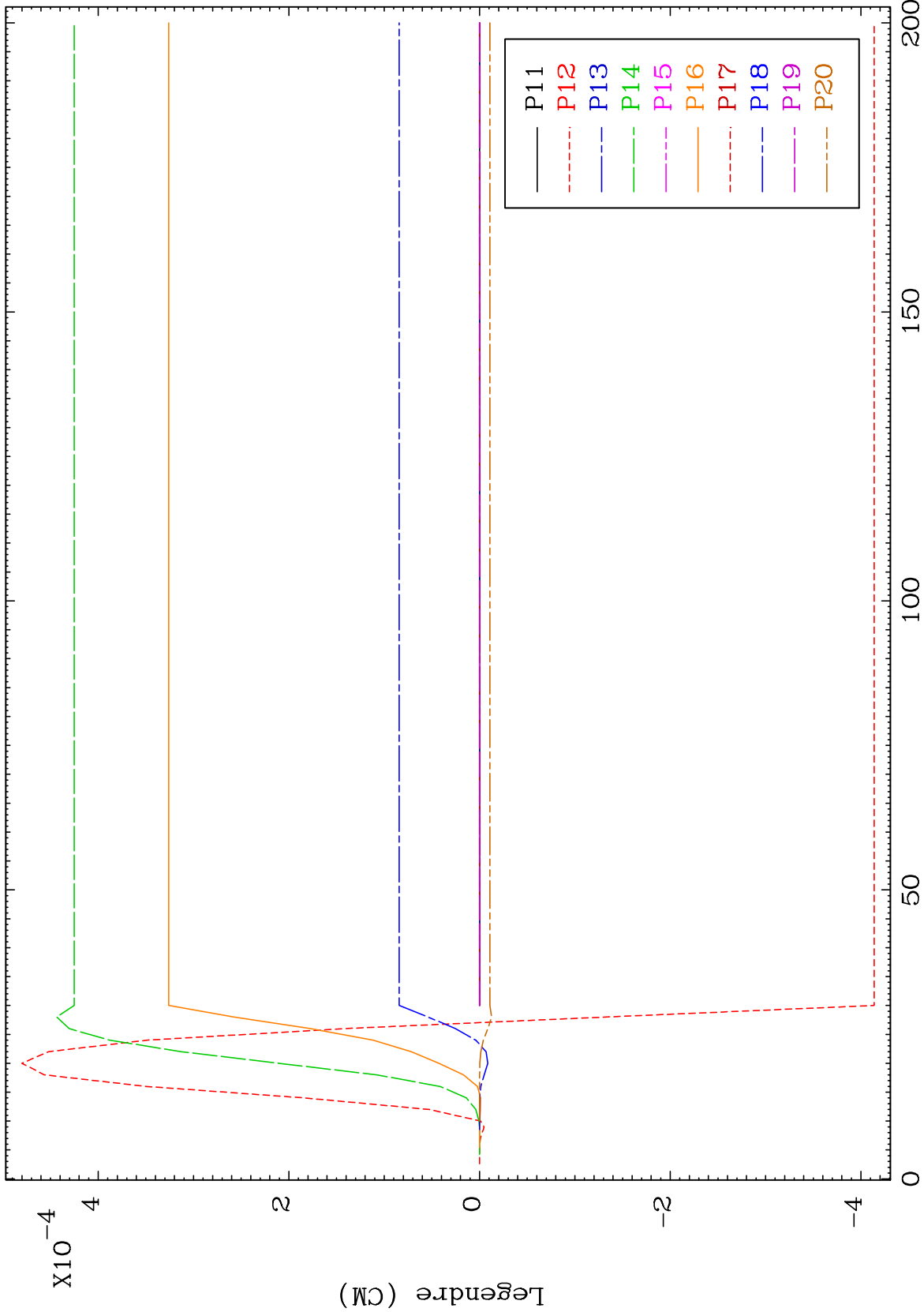
78-Pt-183



MAT 7804

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

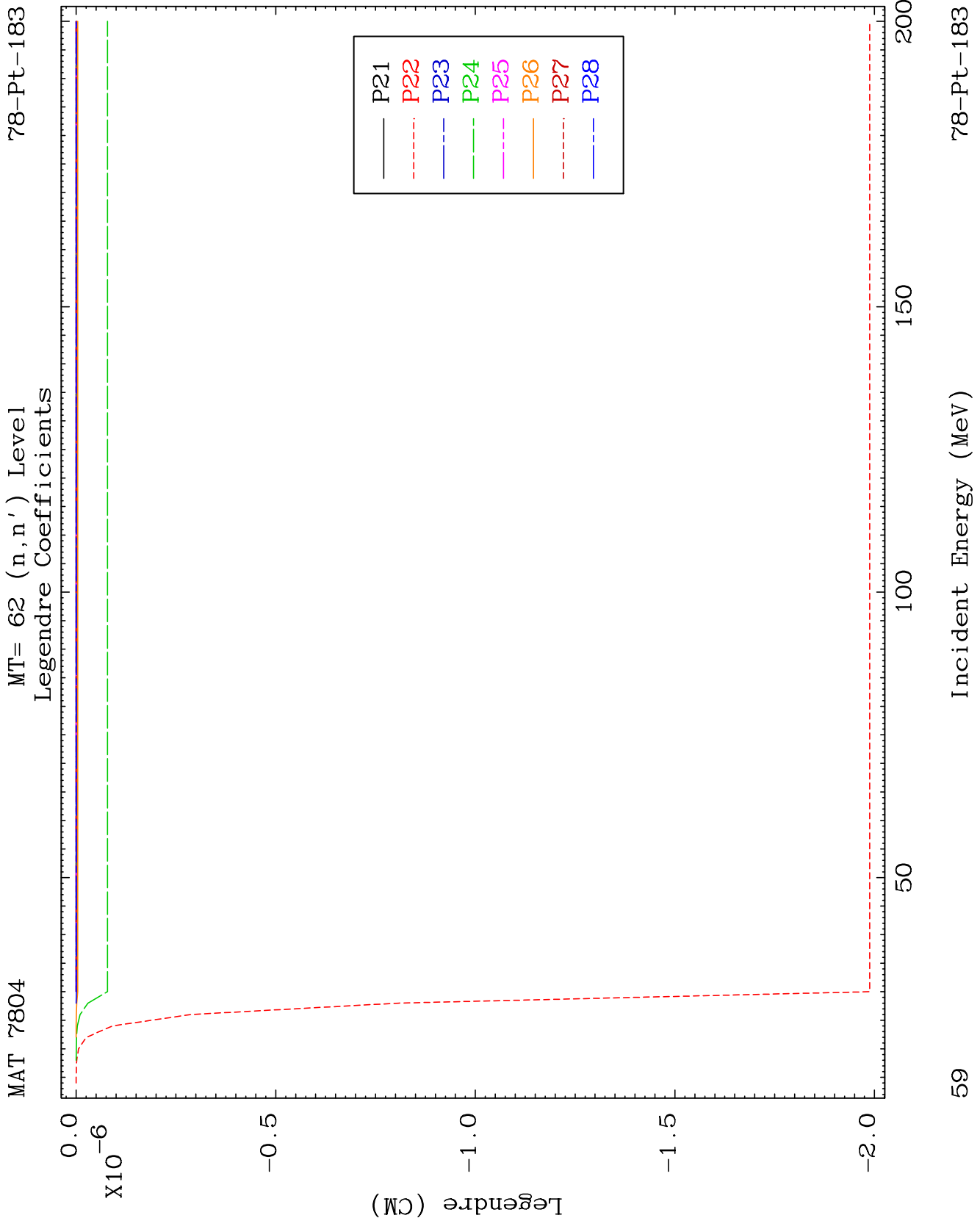
78-Pt-183

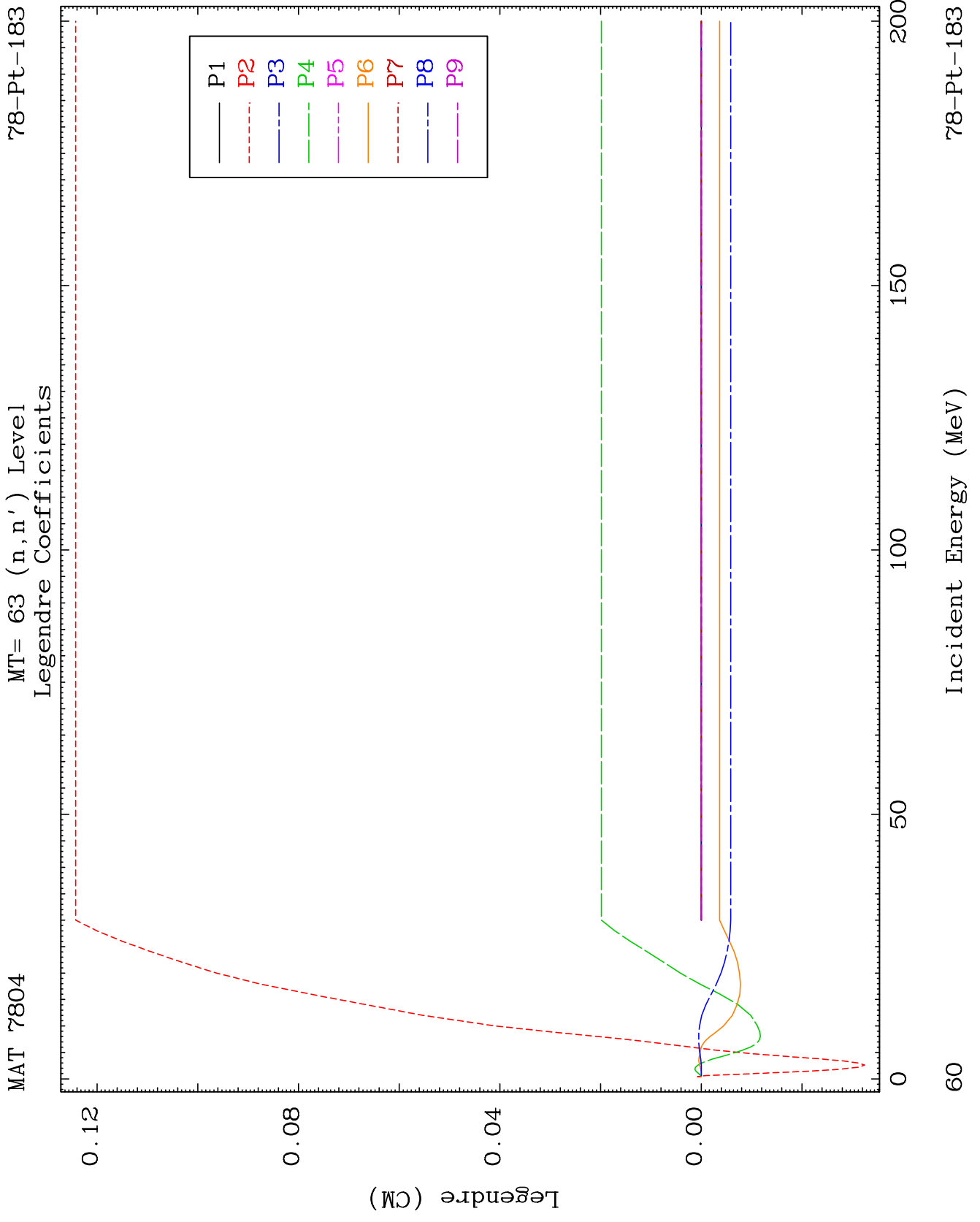


58

Incident Energy (MeV)

78-Pt-183

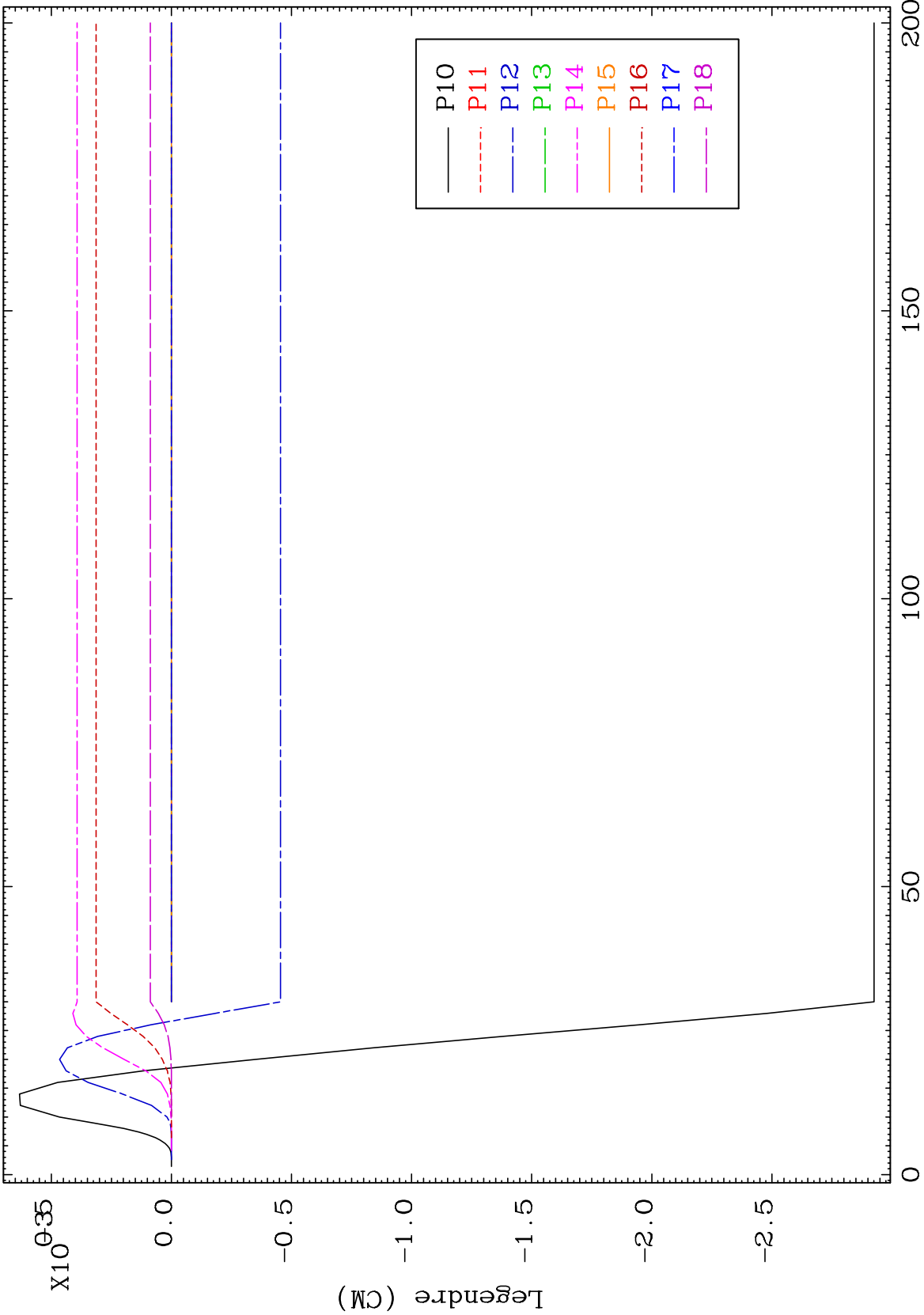




MAT 7804

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

78-Pt-183



61

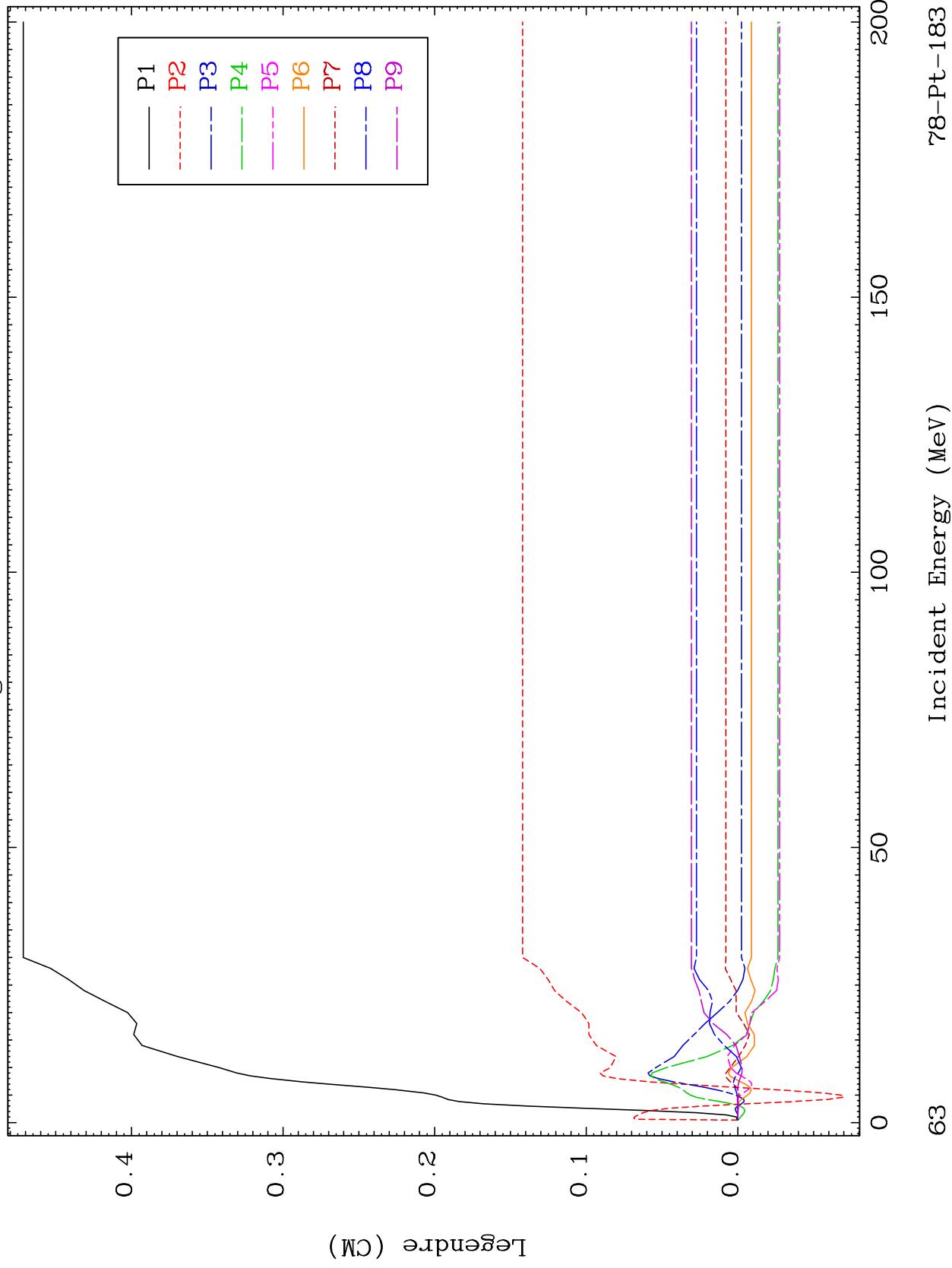
Incident Energy (MeV)

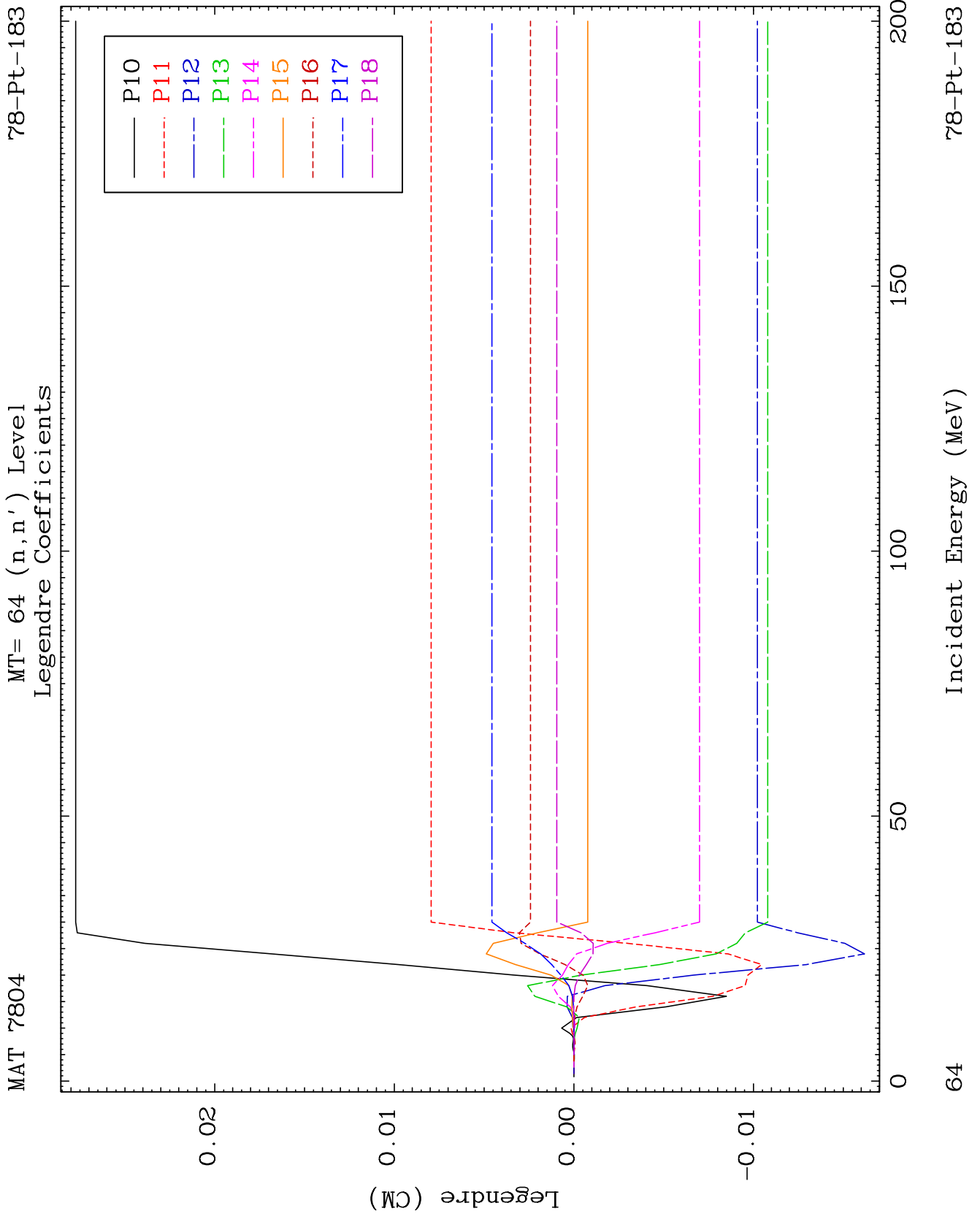
78-Pt-183

MAT 7804

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

78-Pt-183

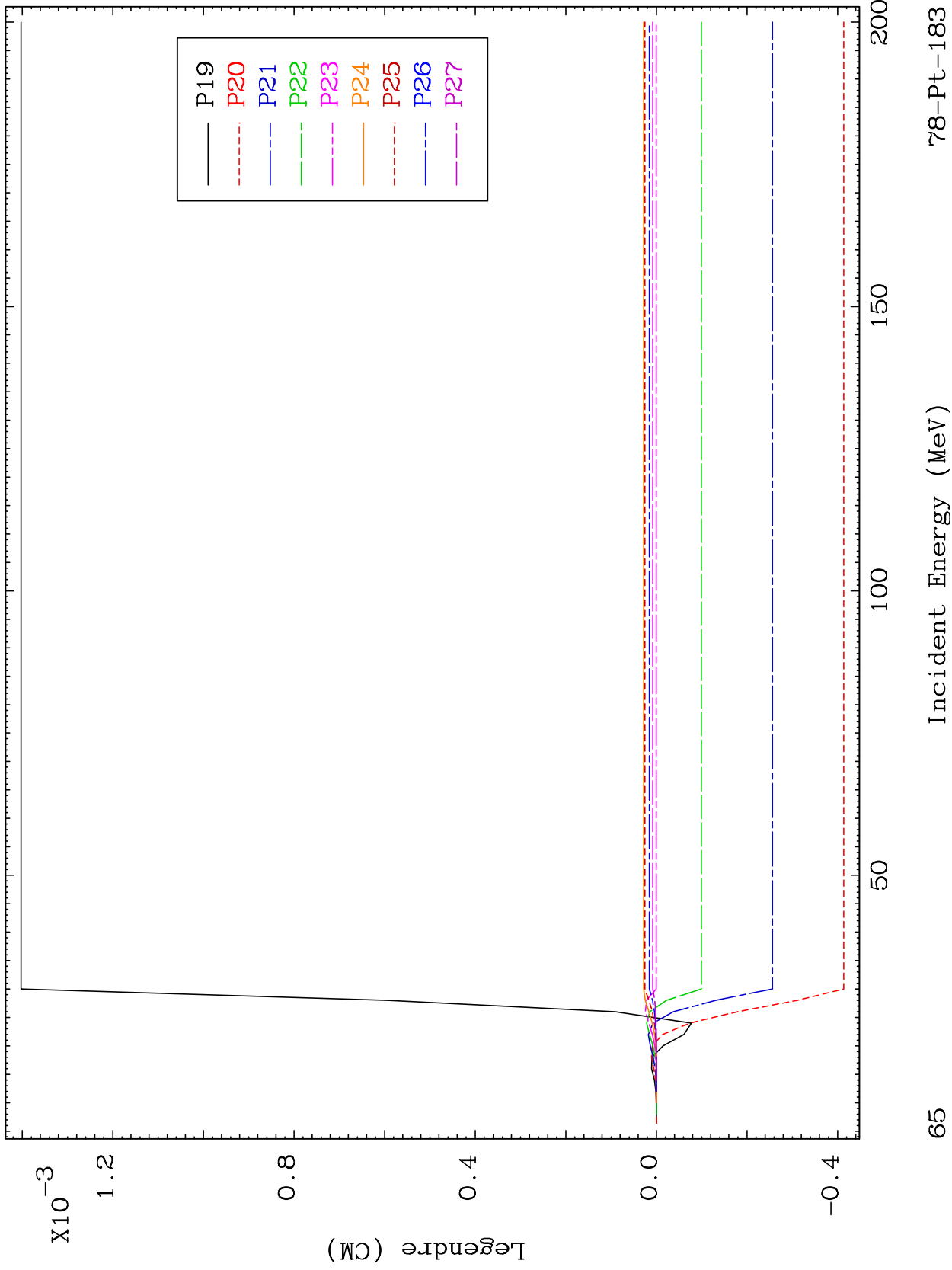




MAT 7804

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

78-Pt-183



65

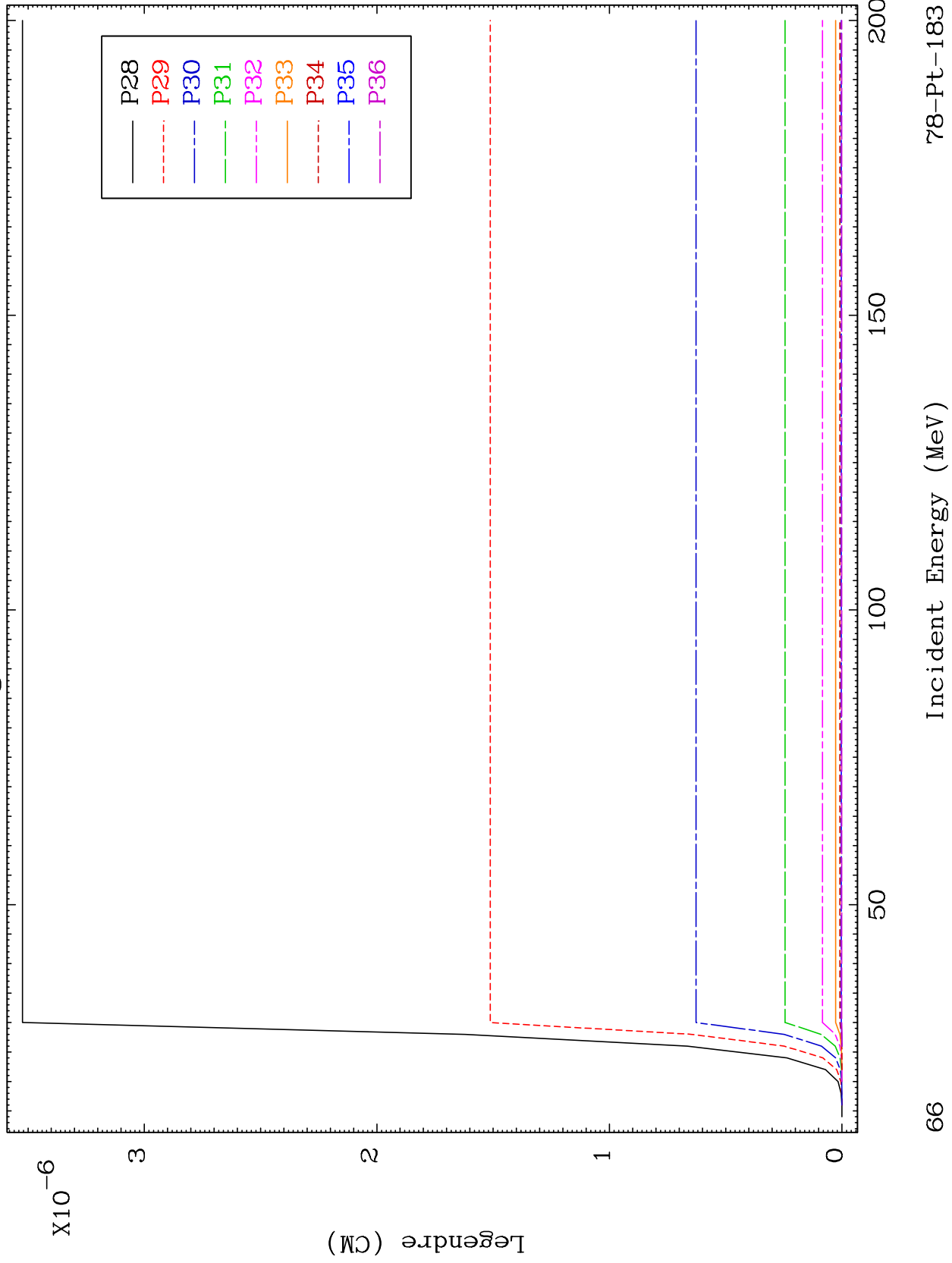
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



66

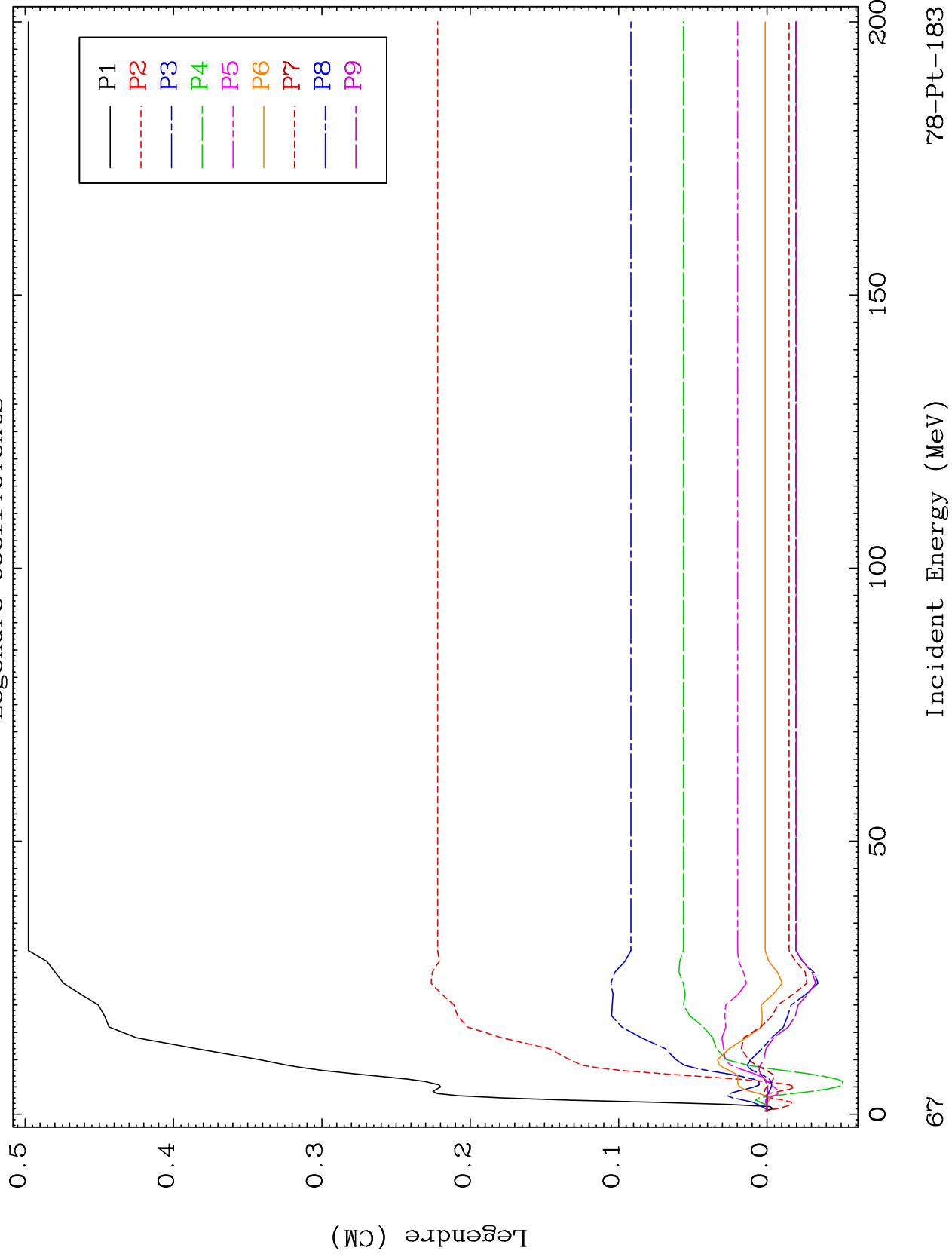
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

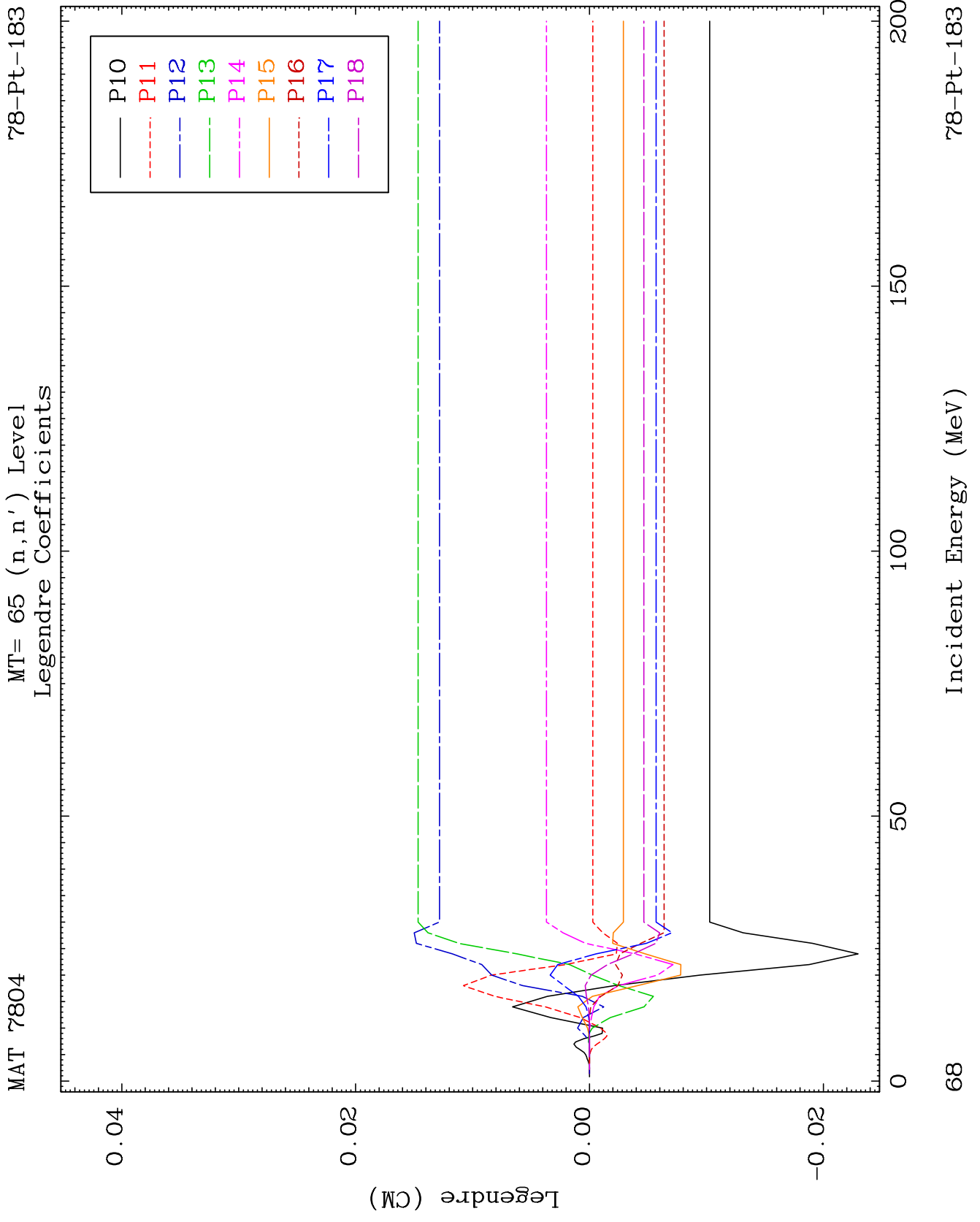
78-Pt-183



78-Pt-183

Incident Energy (MeV)

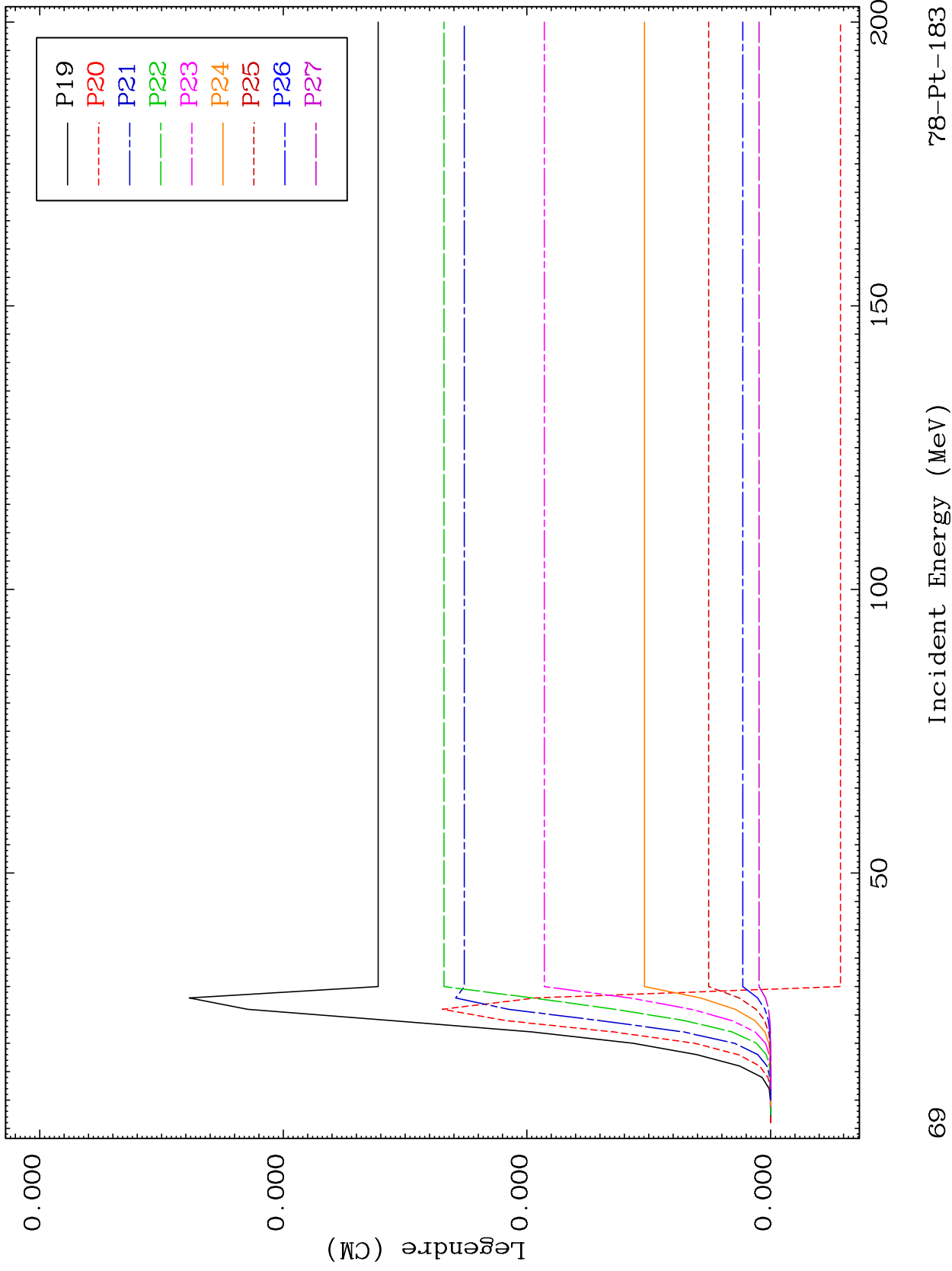
67



MAT 7804

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

78-Pt-183



69

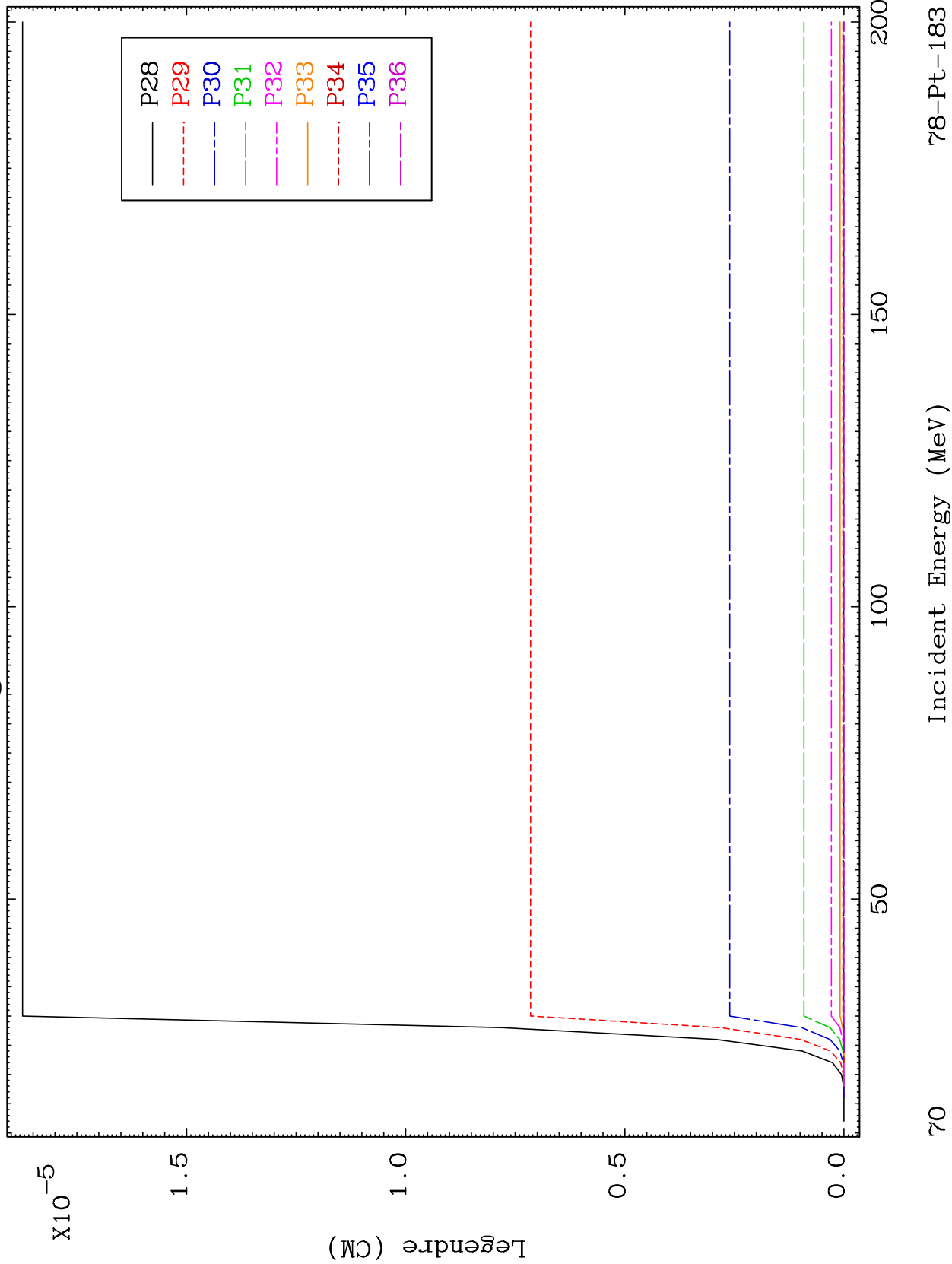
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



70

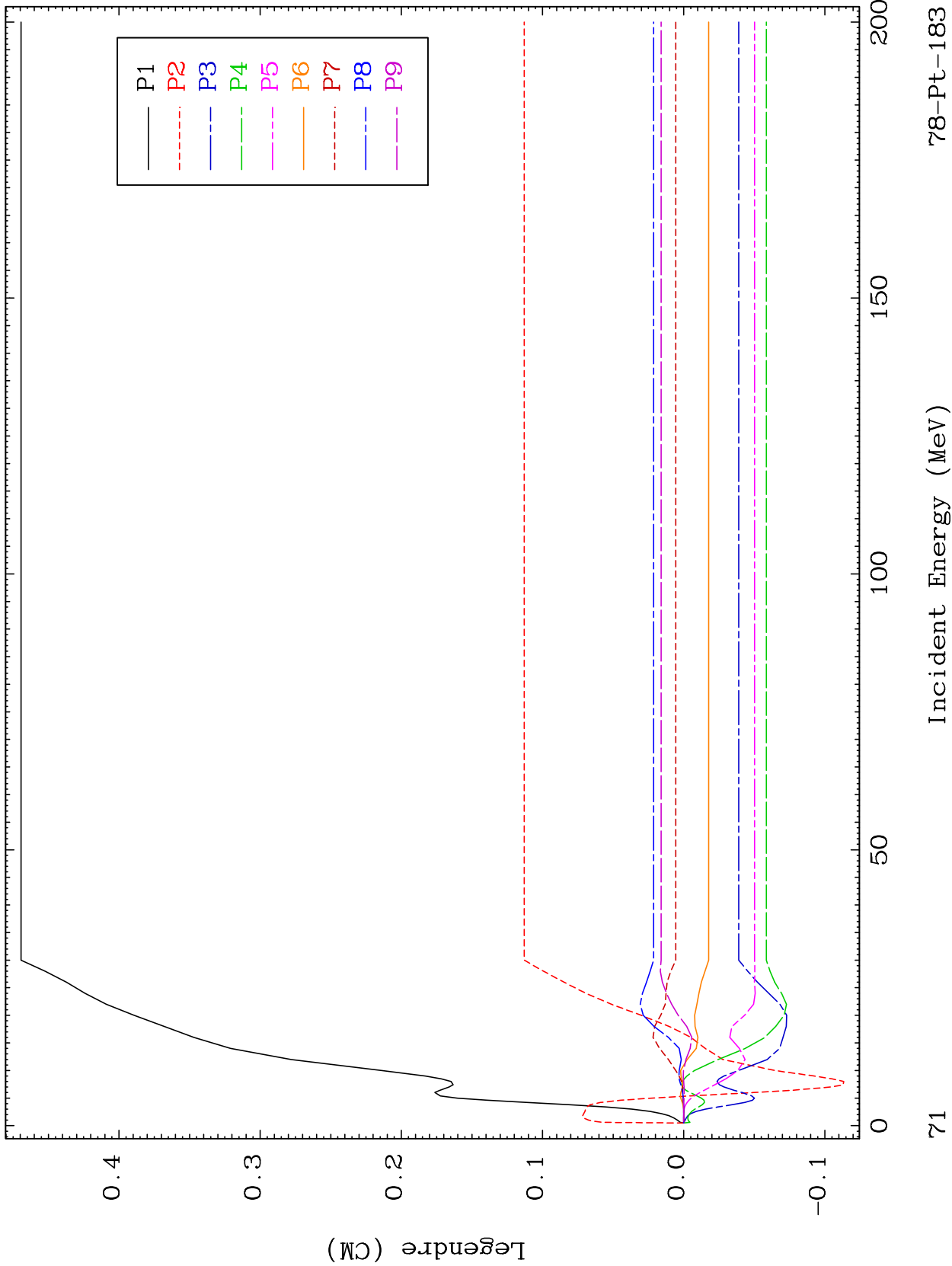
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



78-Pt-183

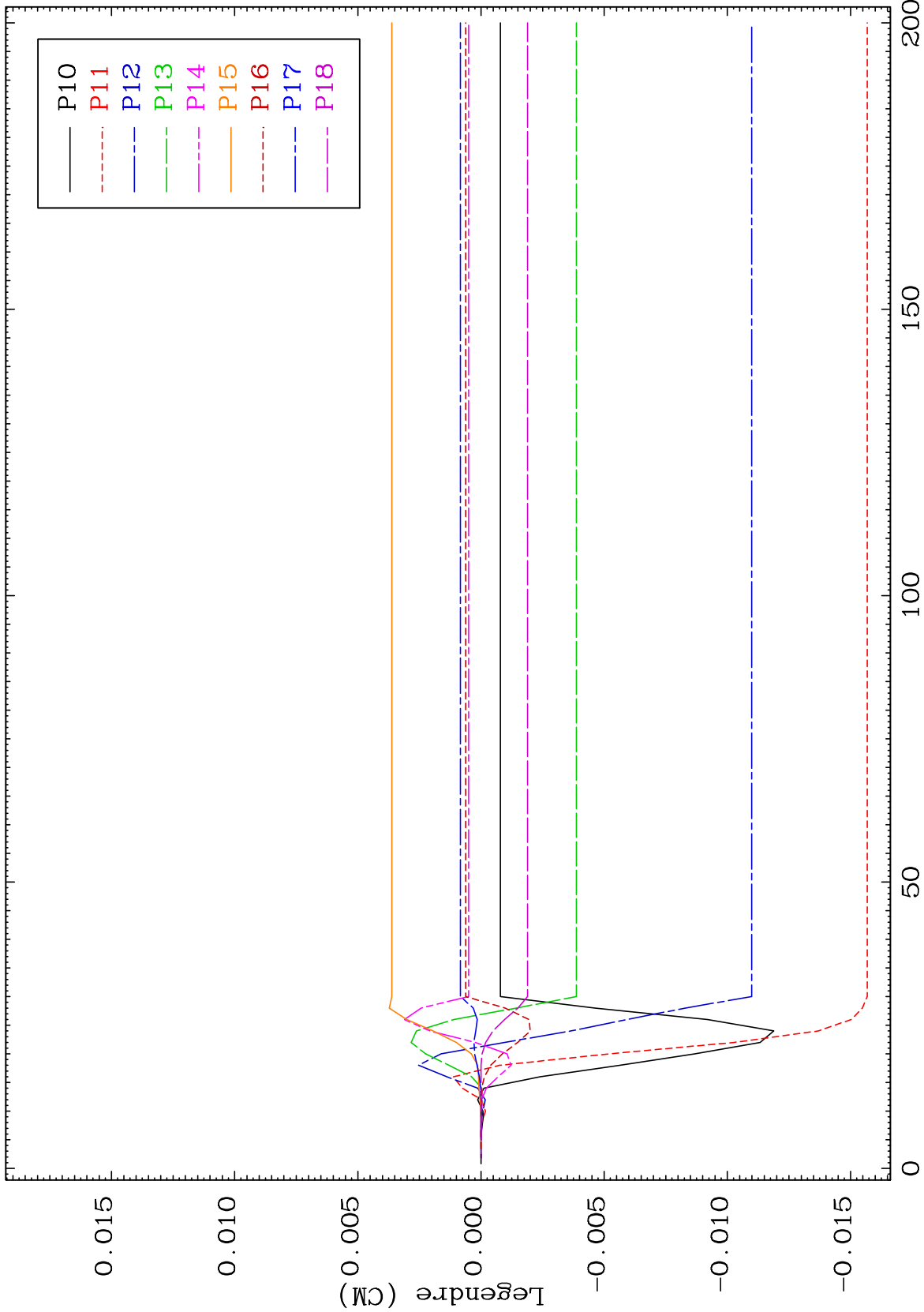
Incident Energy (MeV)

71

MAT 7804

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

78-Pt-183



72

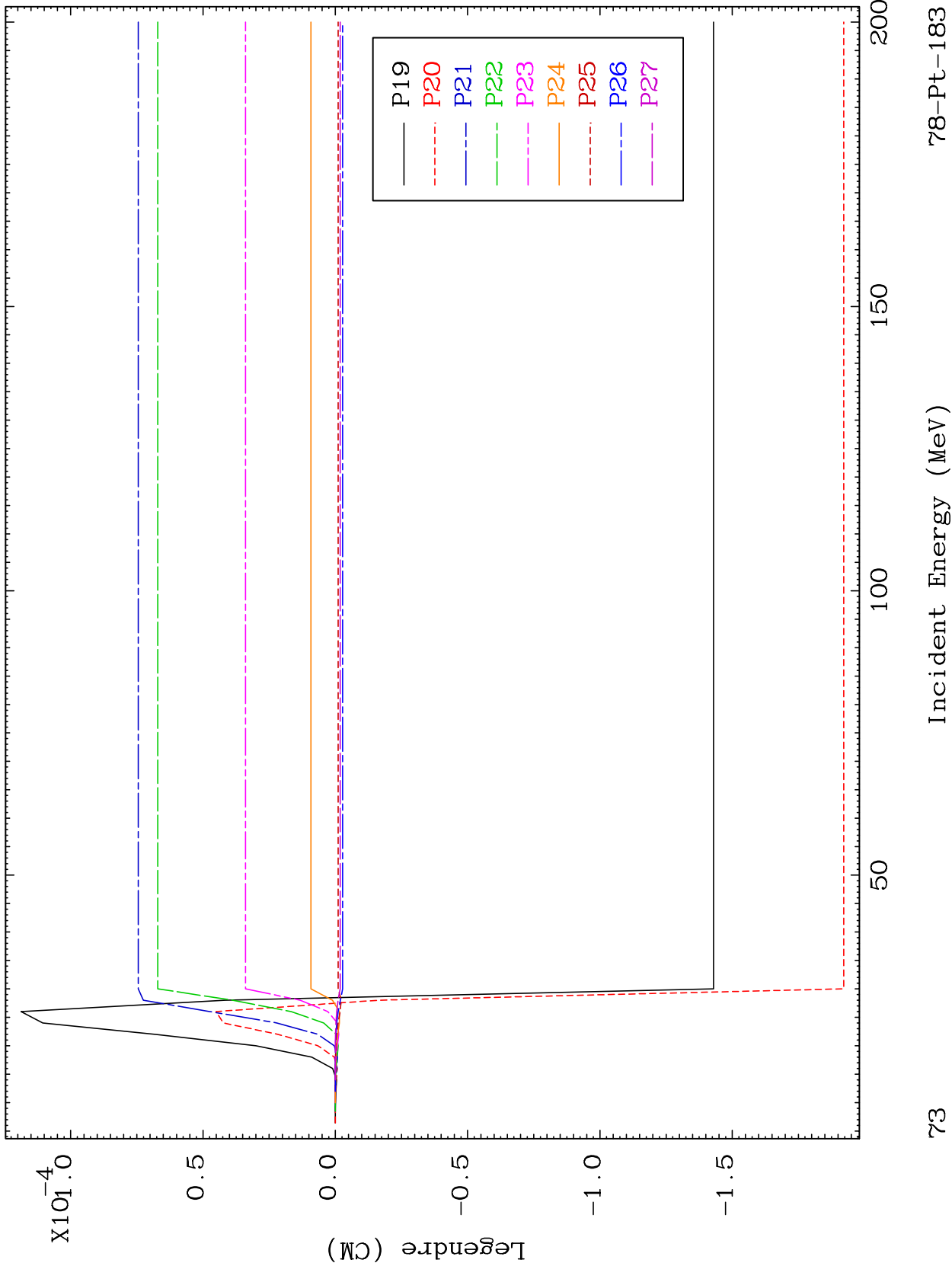
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



73

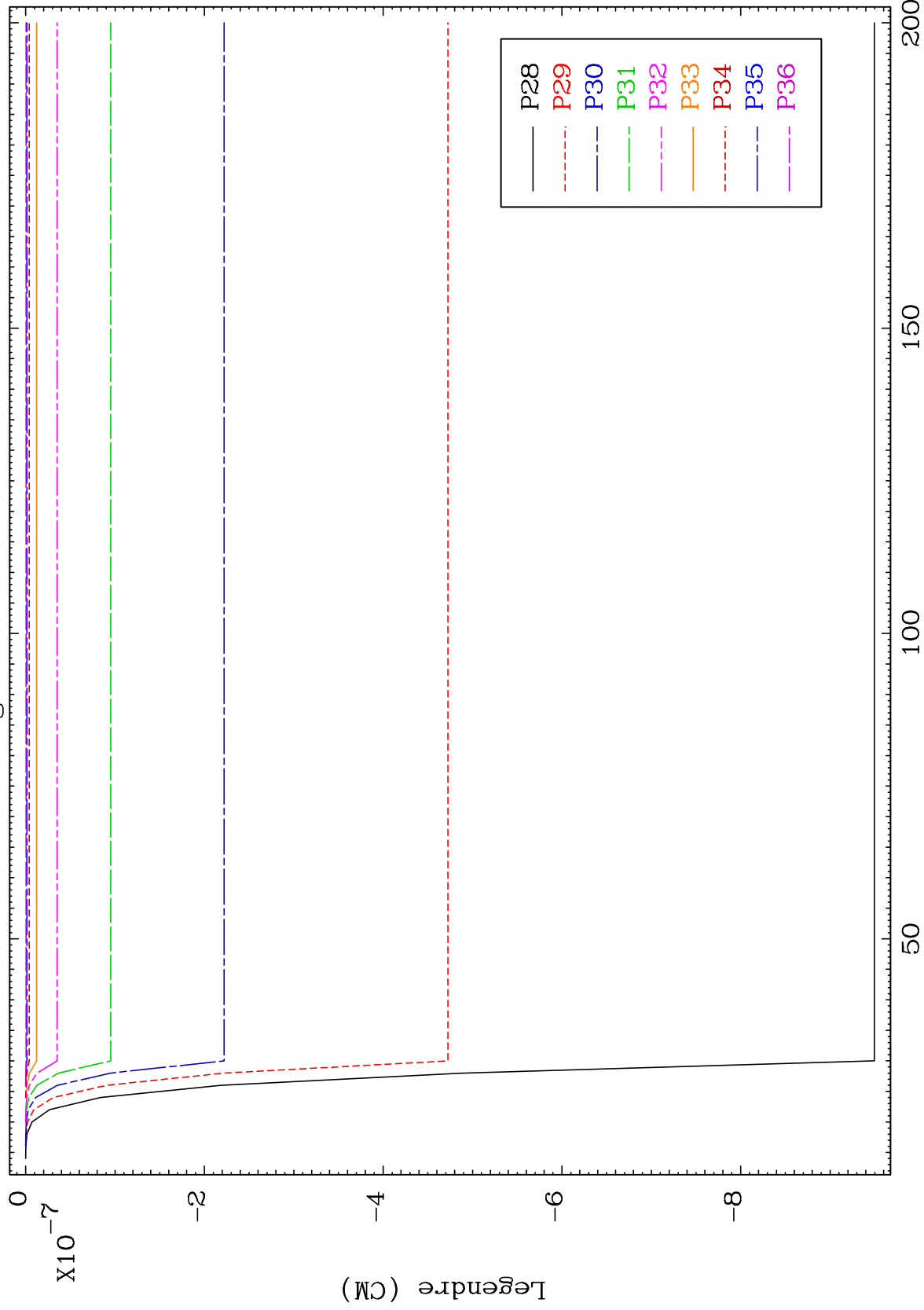
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

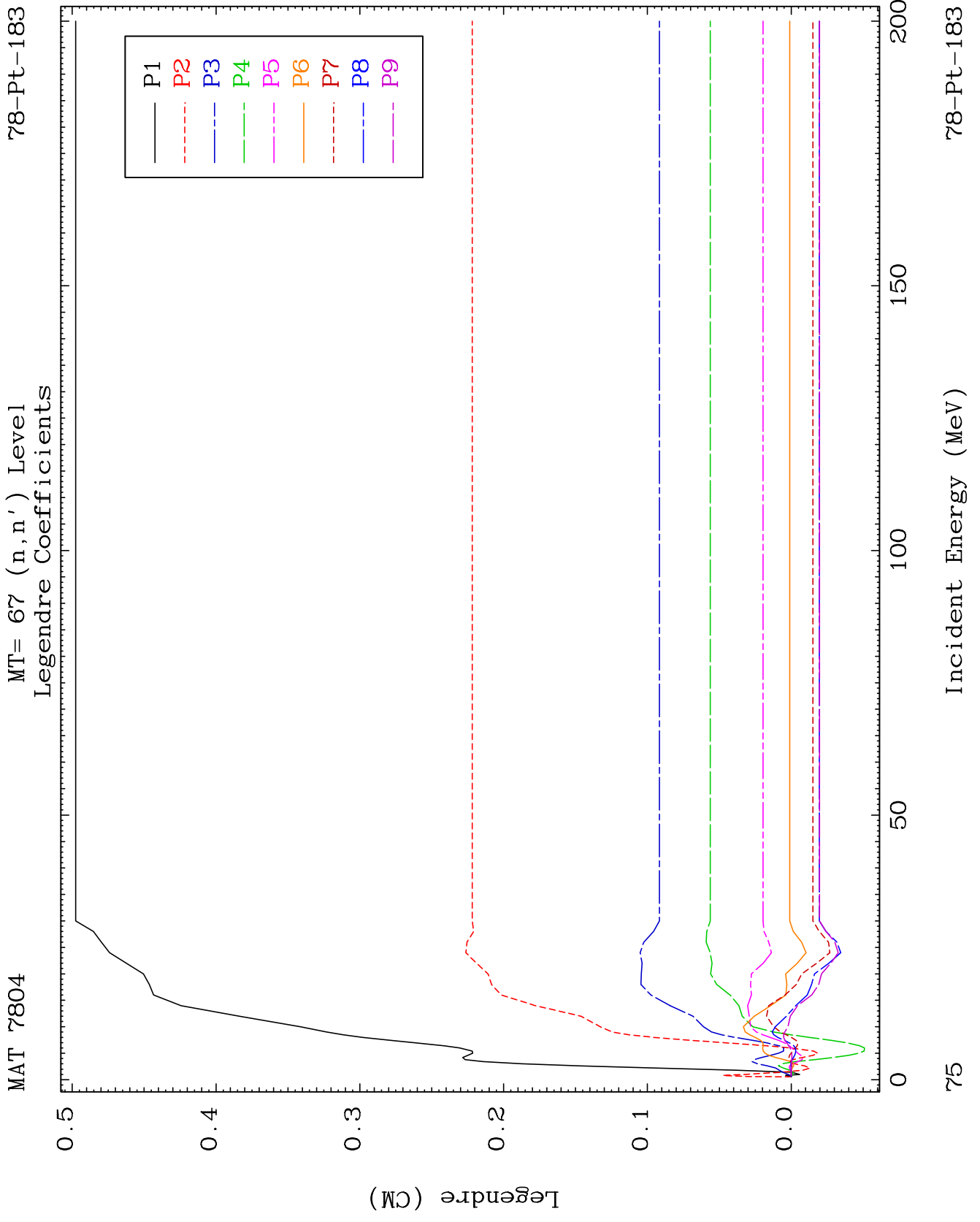
78-Pt-183

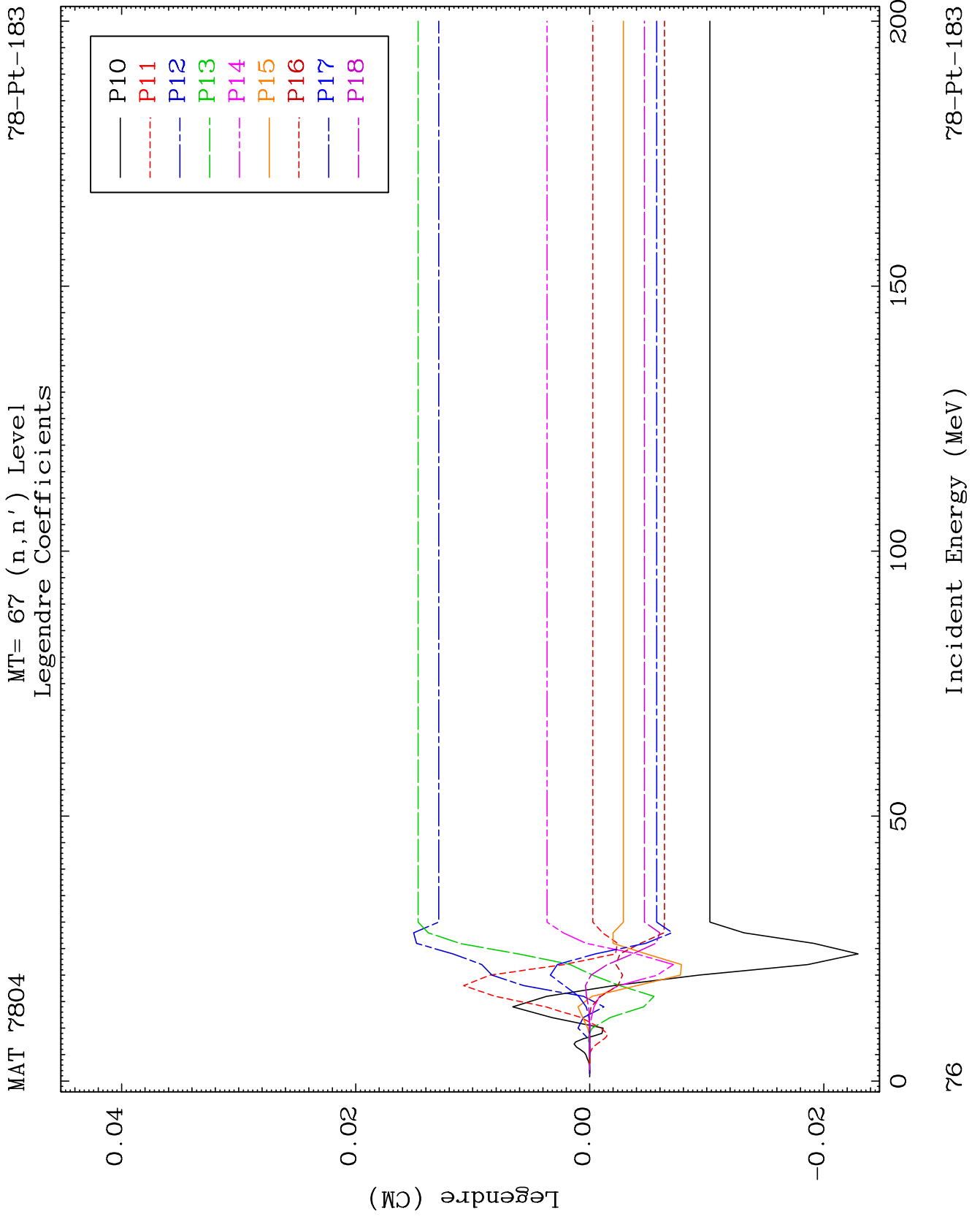


74

Incident Energy (MeV)

78-Pt-183

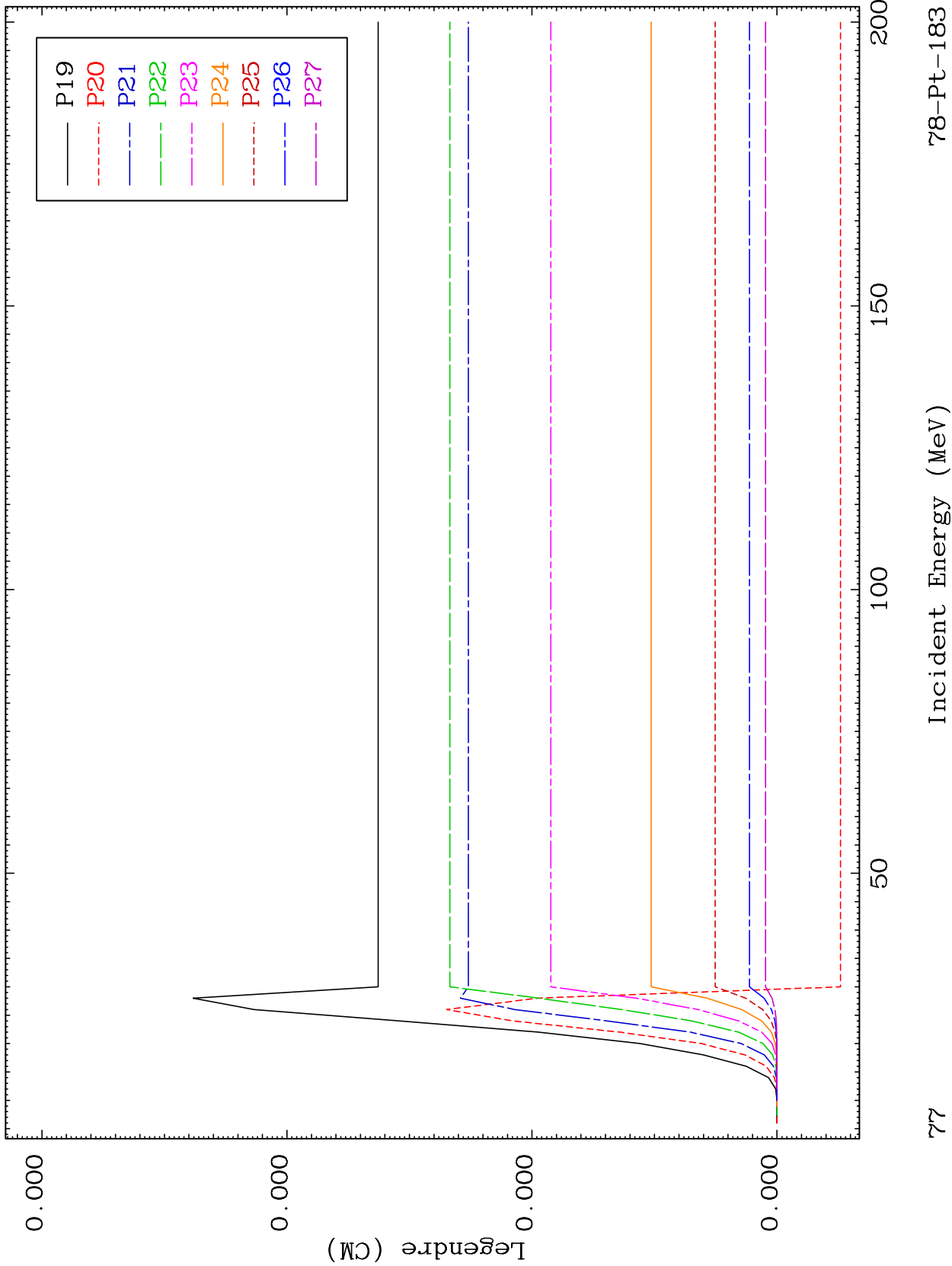




MAT 7804

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

78-Pt-183



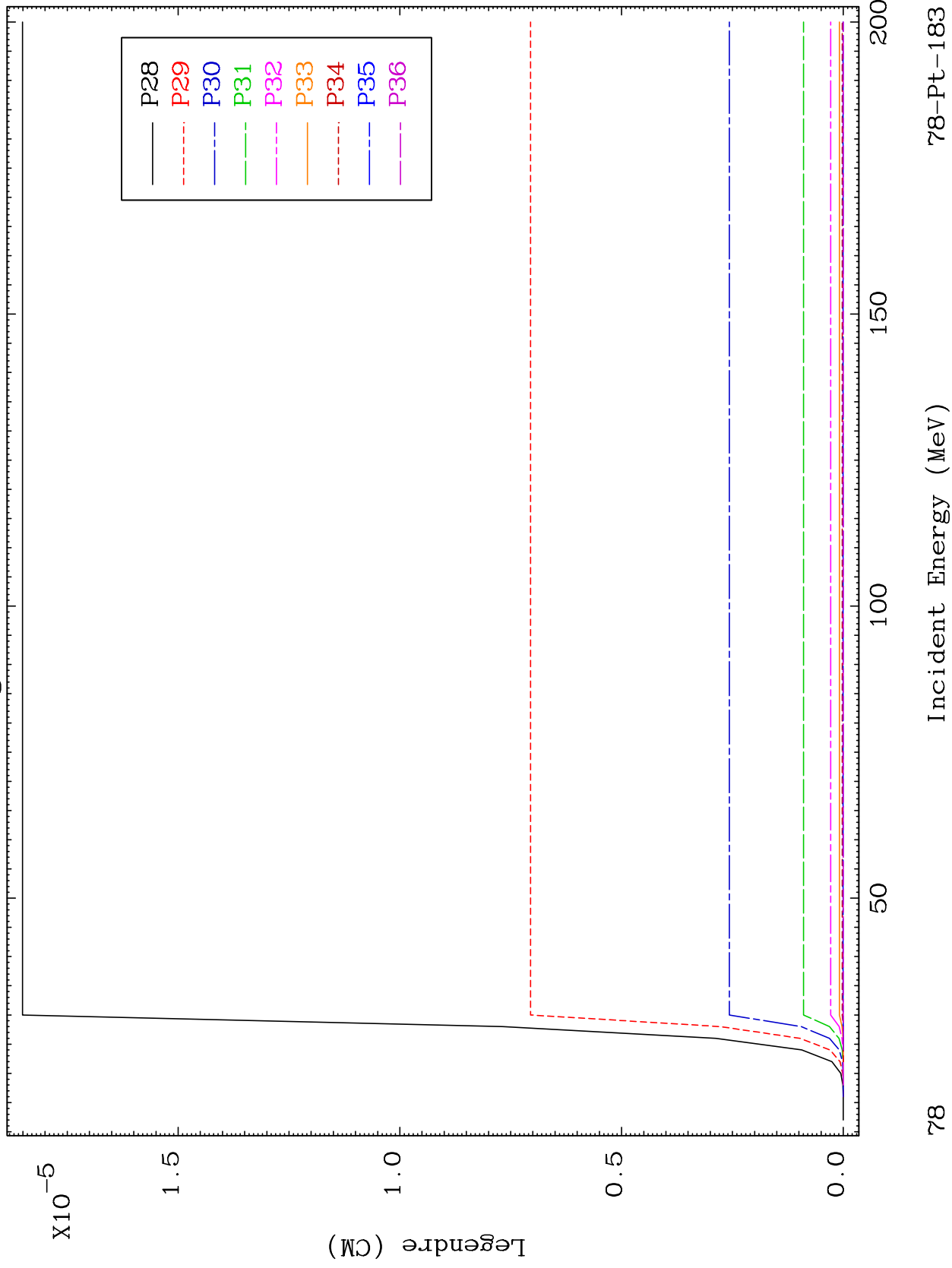
77

78-Pt-183

MAT 7804

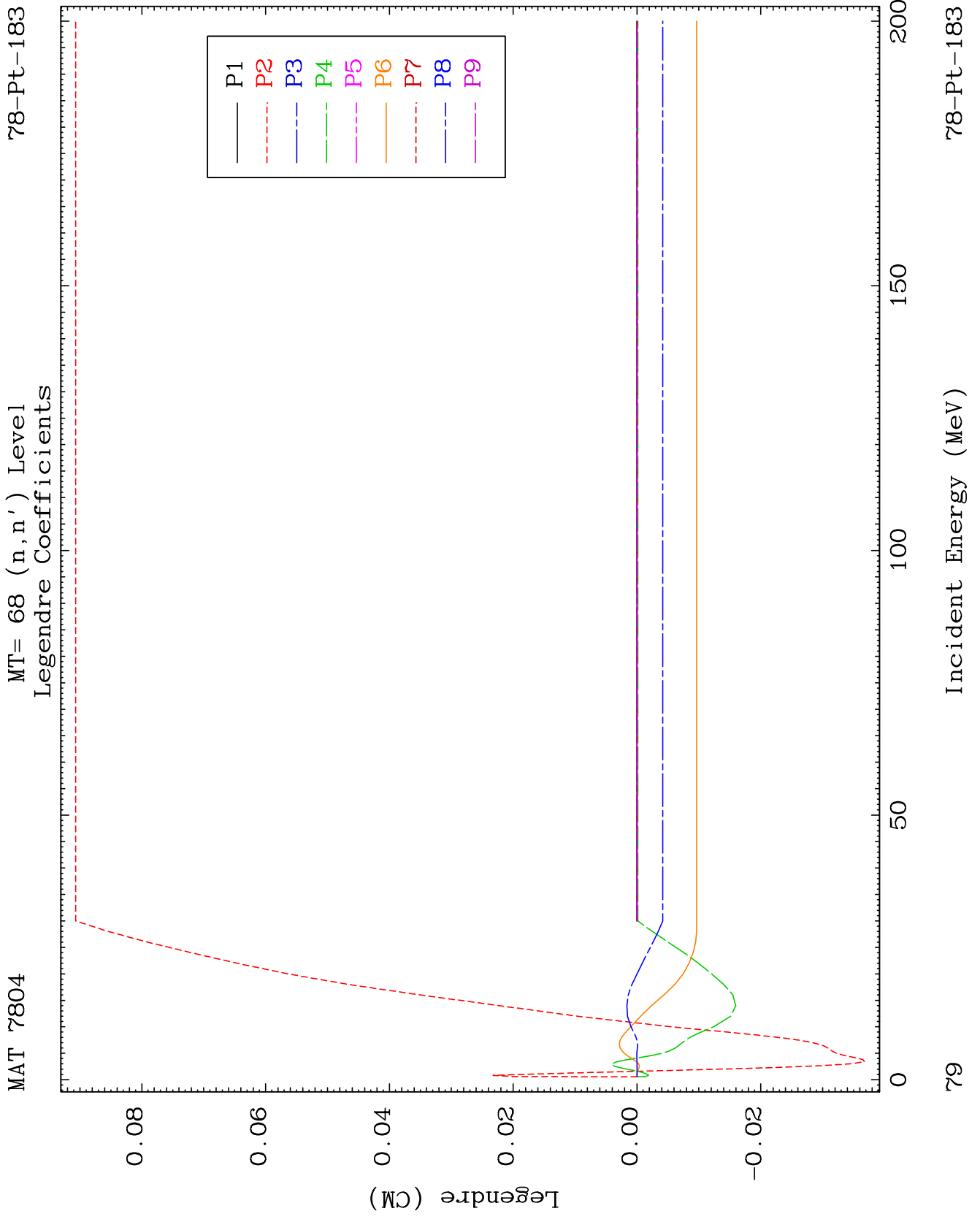
MT= 67 (n,n') Level
Legendre Coefficients

78-Pt-183



78

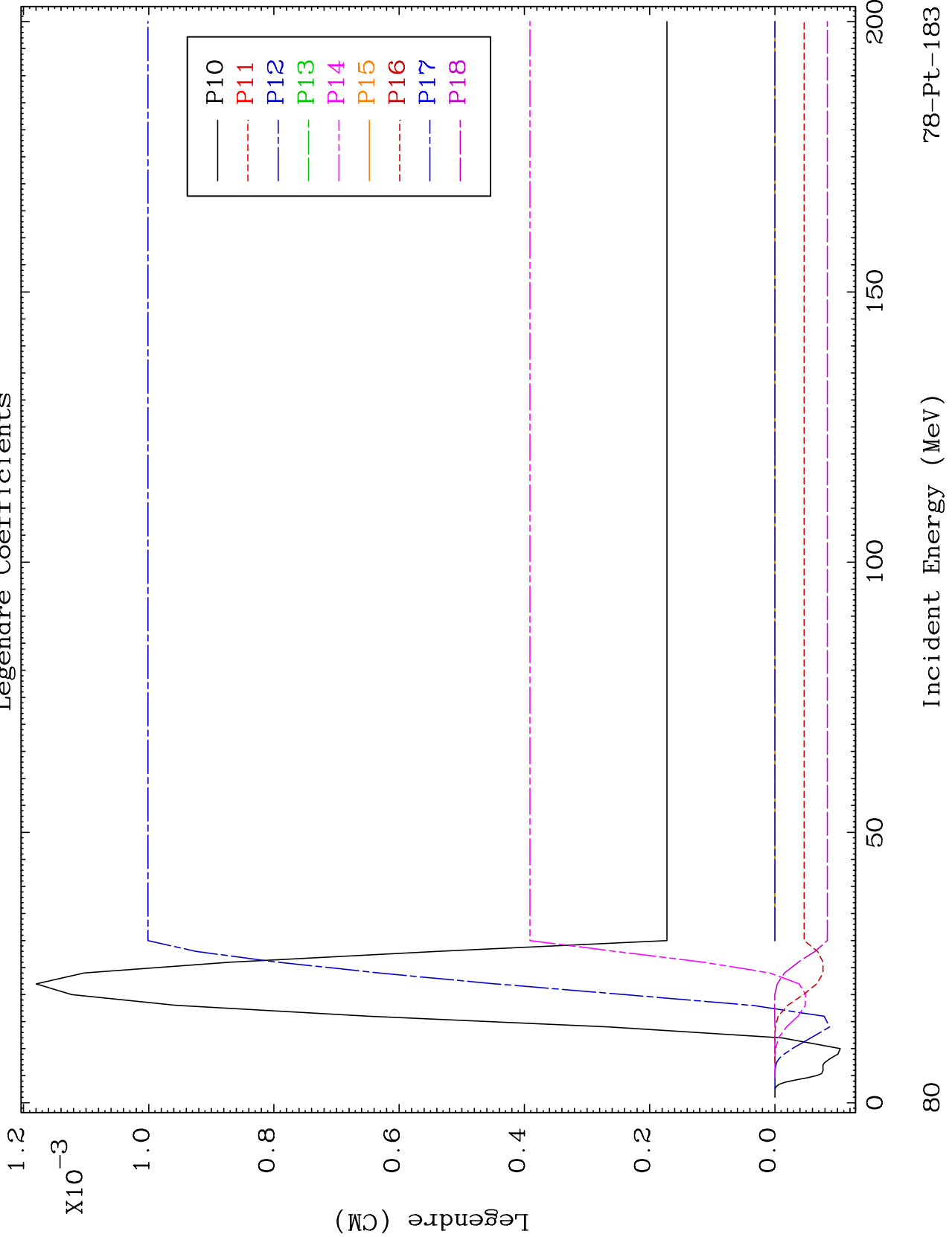
78-Pt-183



MAT 7804

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

78-Pt-183



78-Pt-183

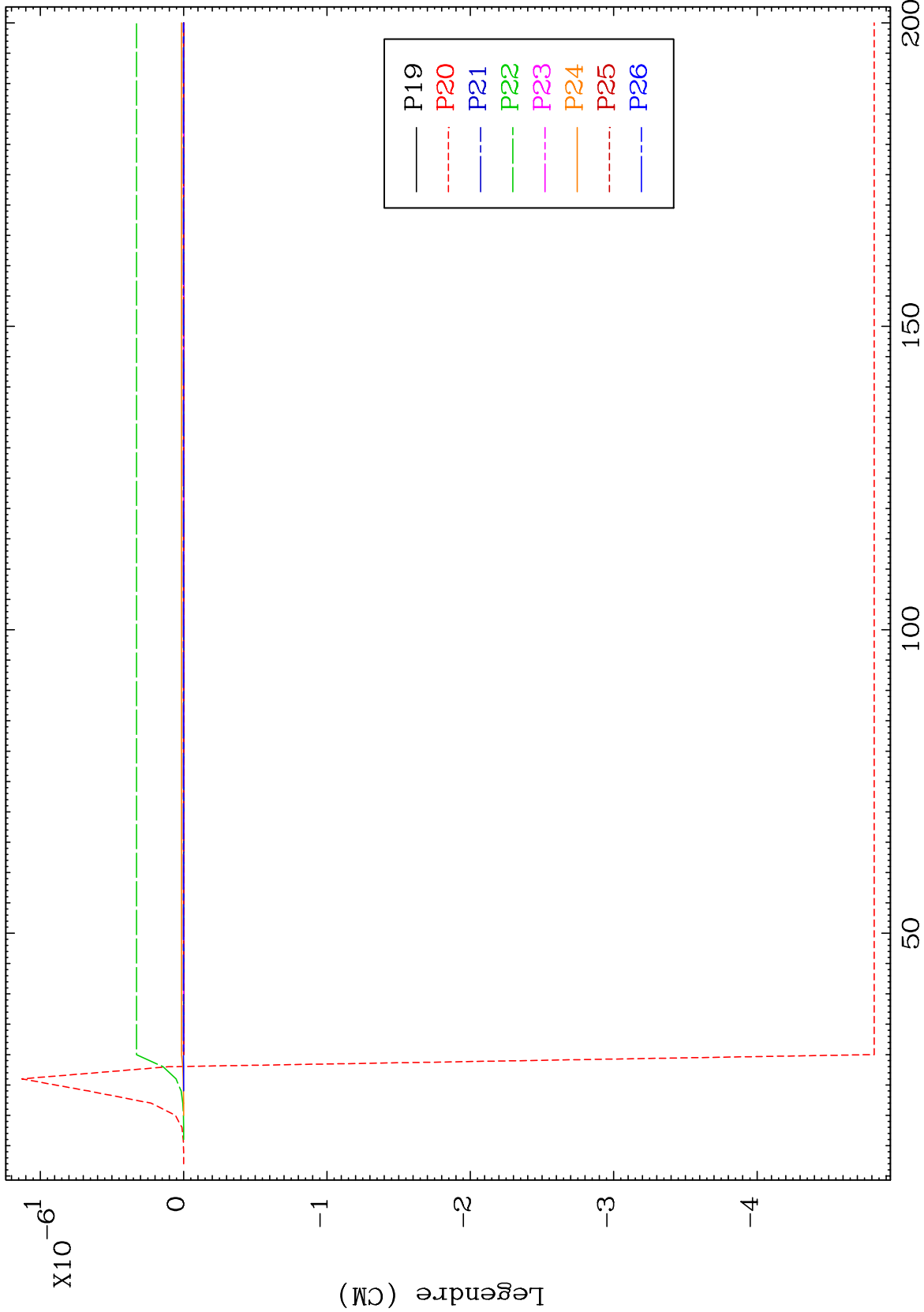
Incident Energy (MeV)

80

MAT 7804

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

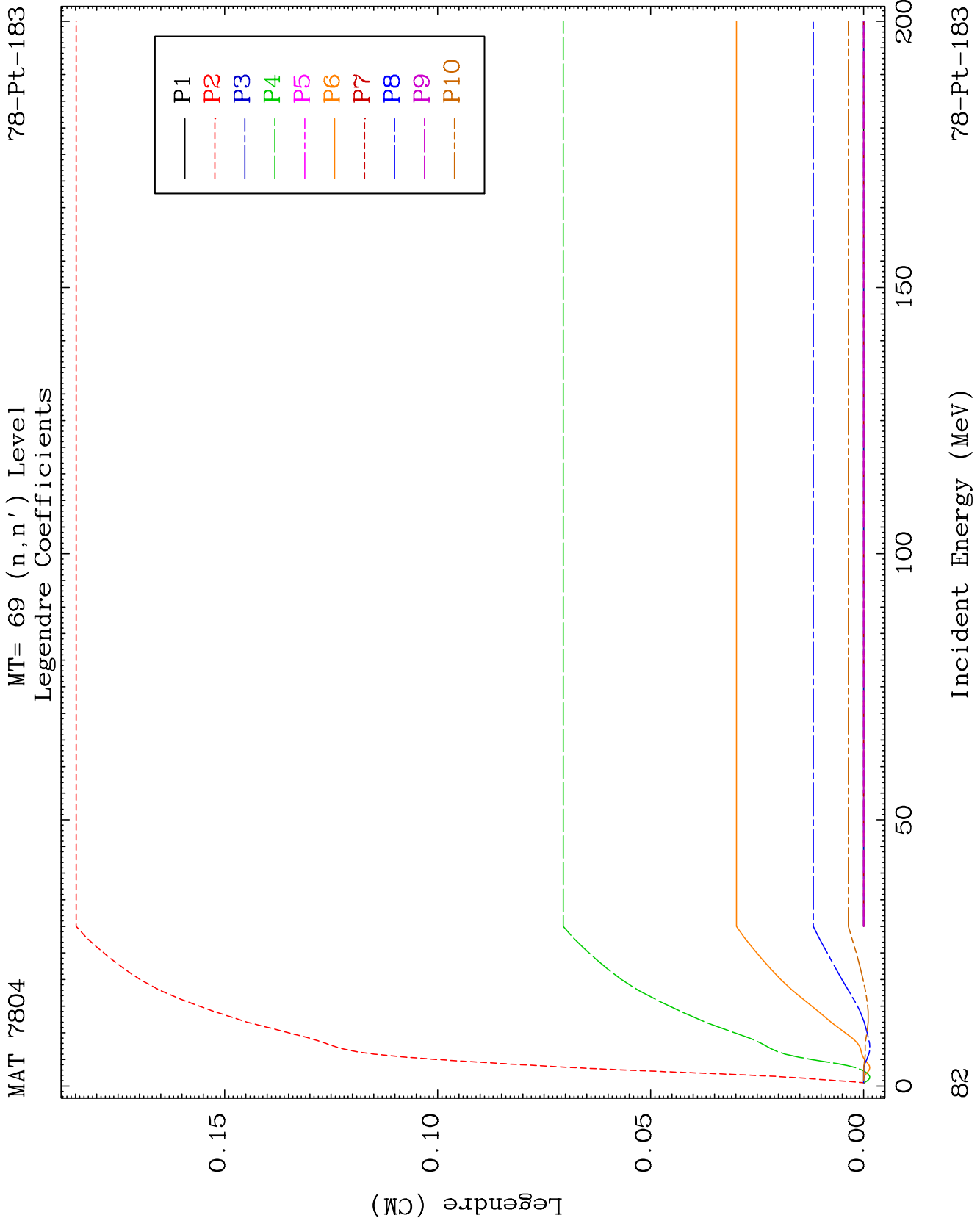
78-Pt-183



81

Incident Energy (MeV)

78-Pt-183



78-Pt-183

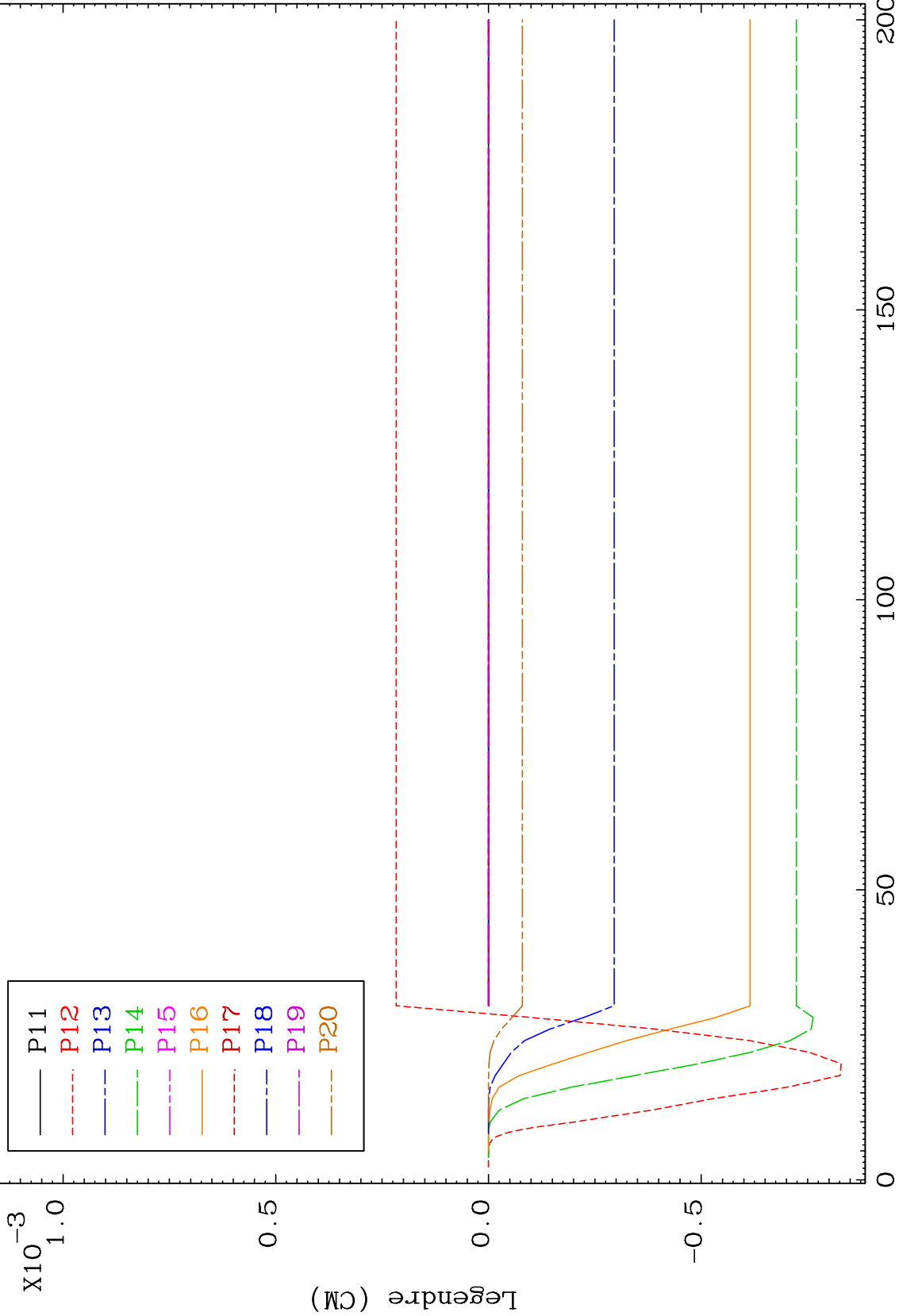
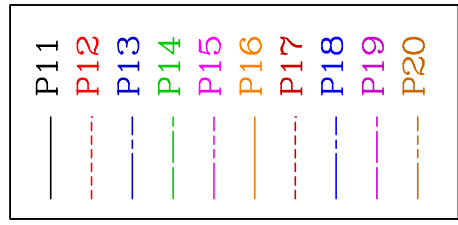
Incident Energy (MeV)

82

MAT 7804

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

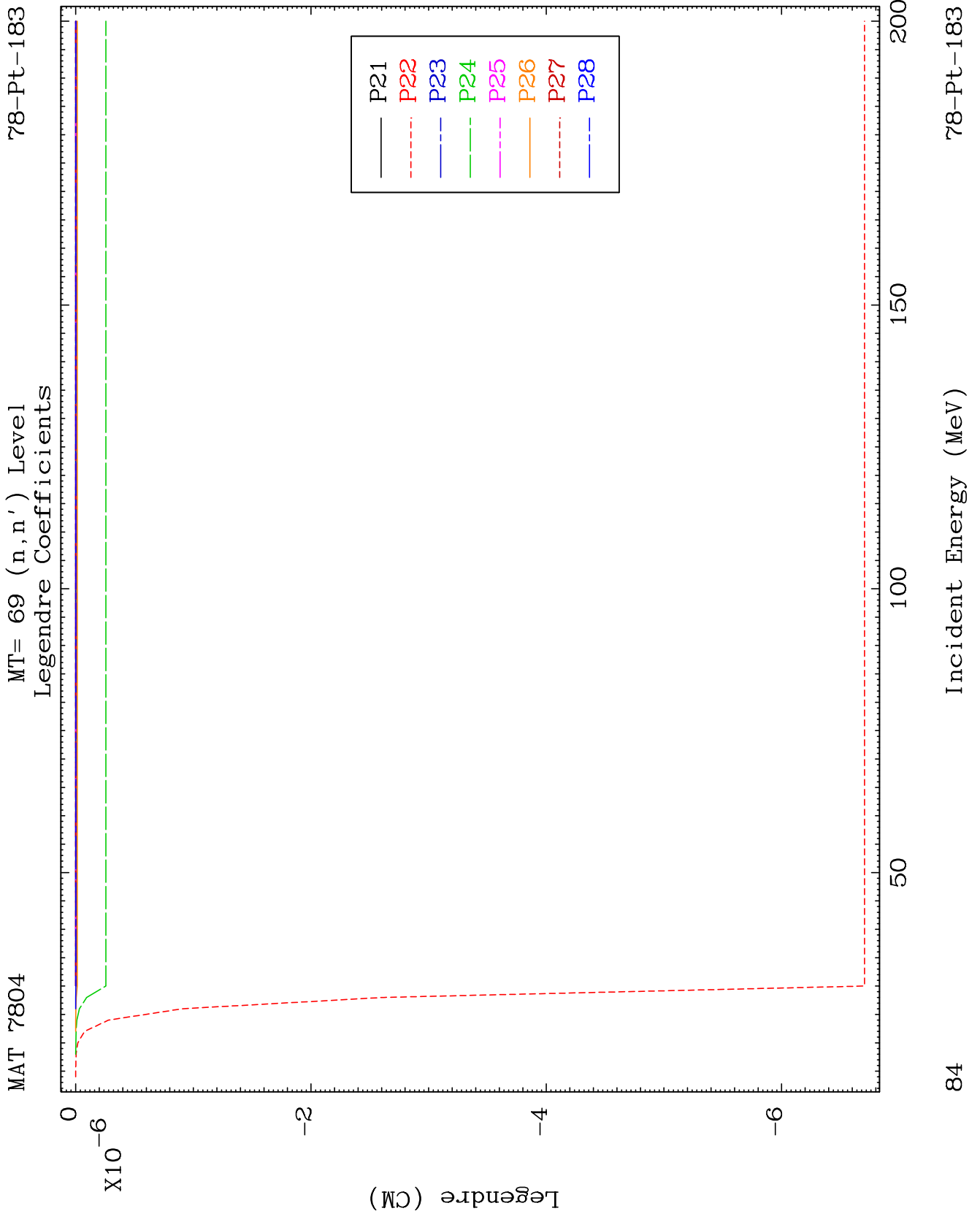
78-Pt-183

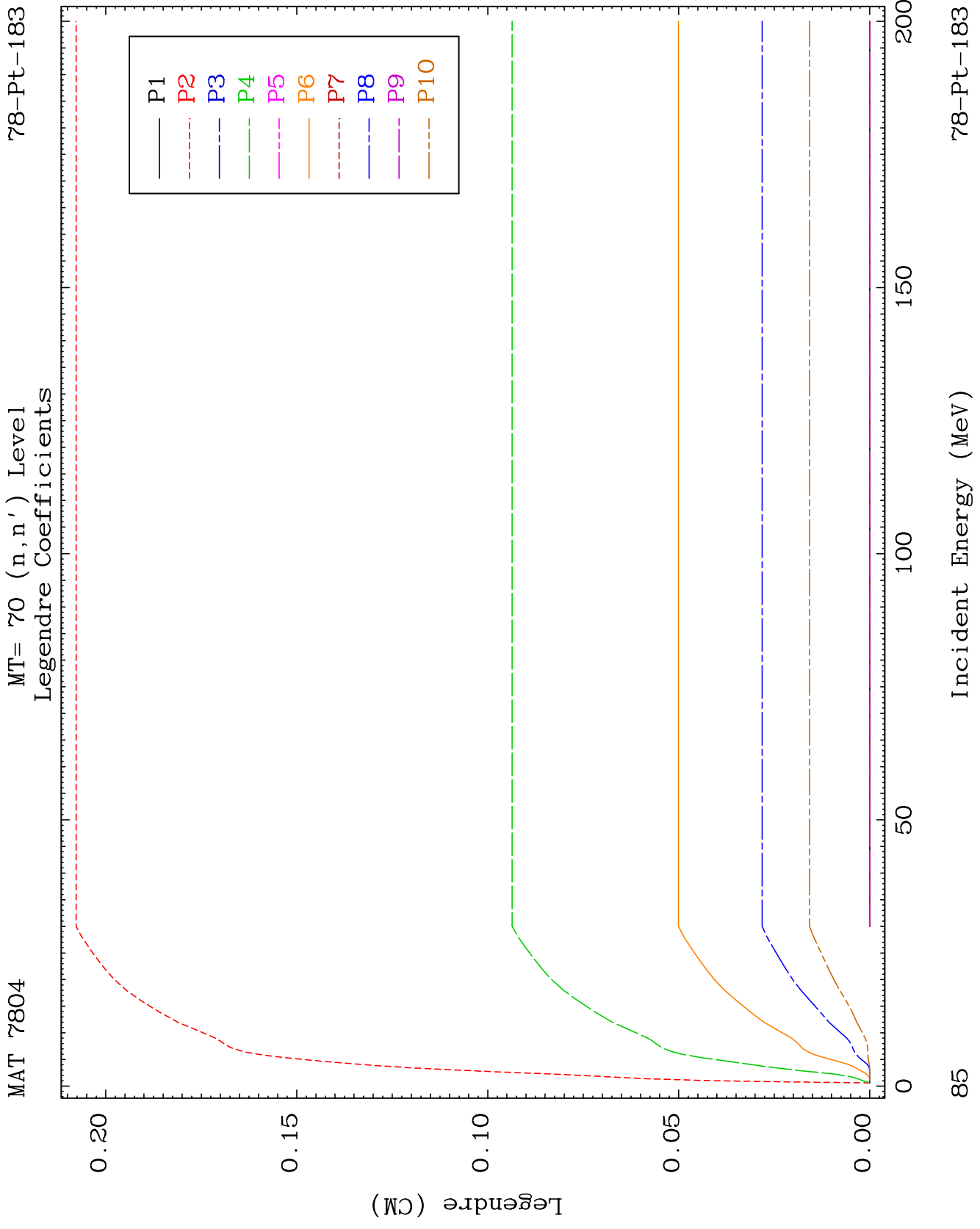


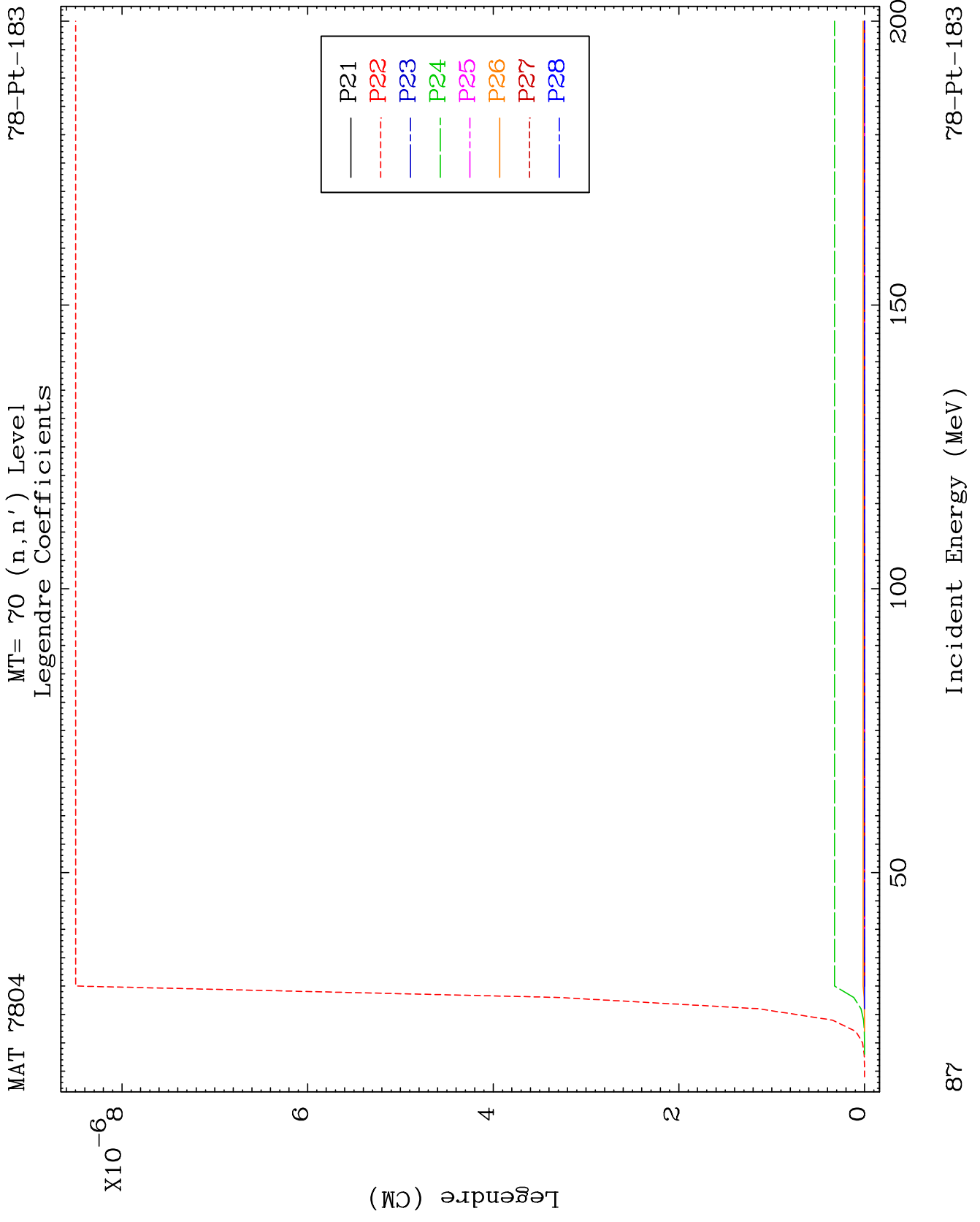
83

Incident Energy (MeV)

78-Pt-183



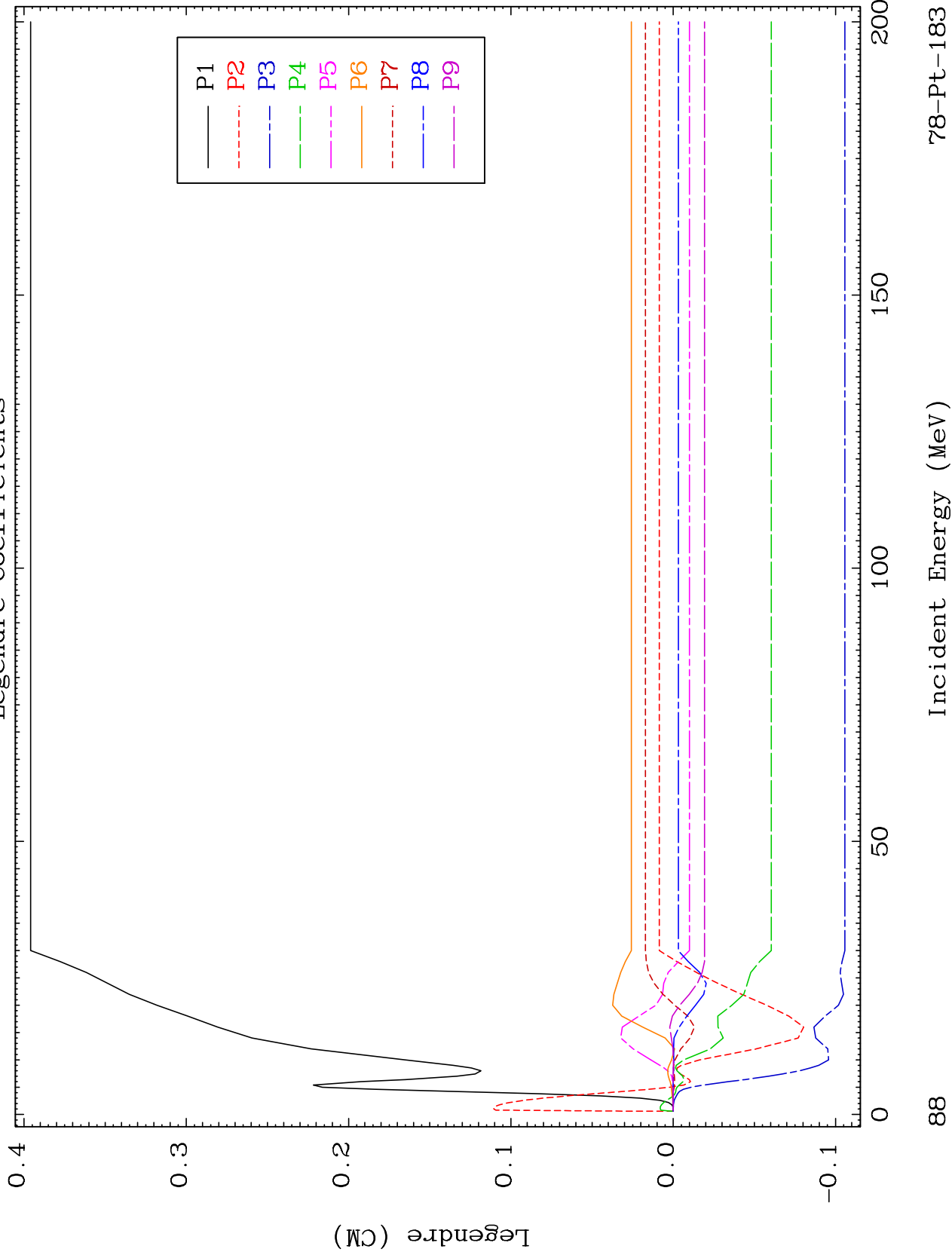




MAT 7804

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

78-Pt-183



88

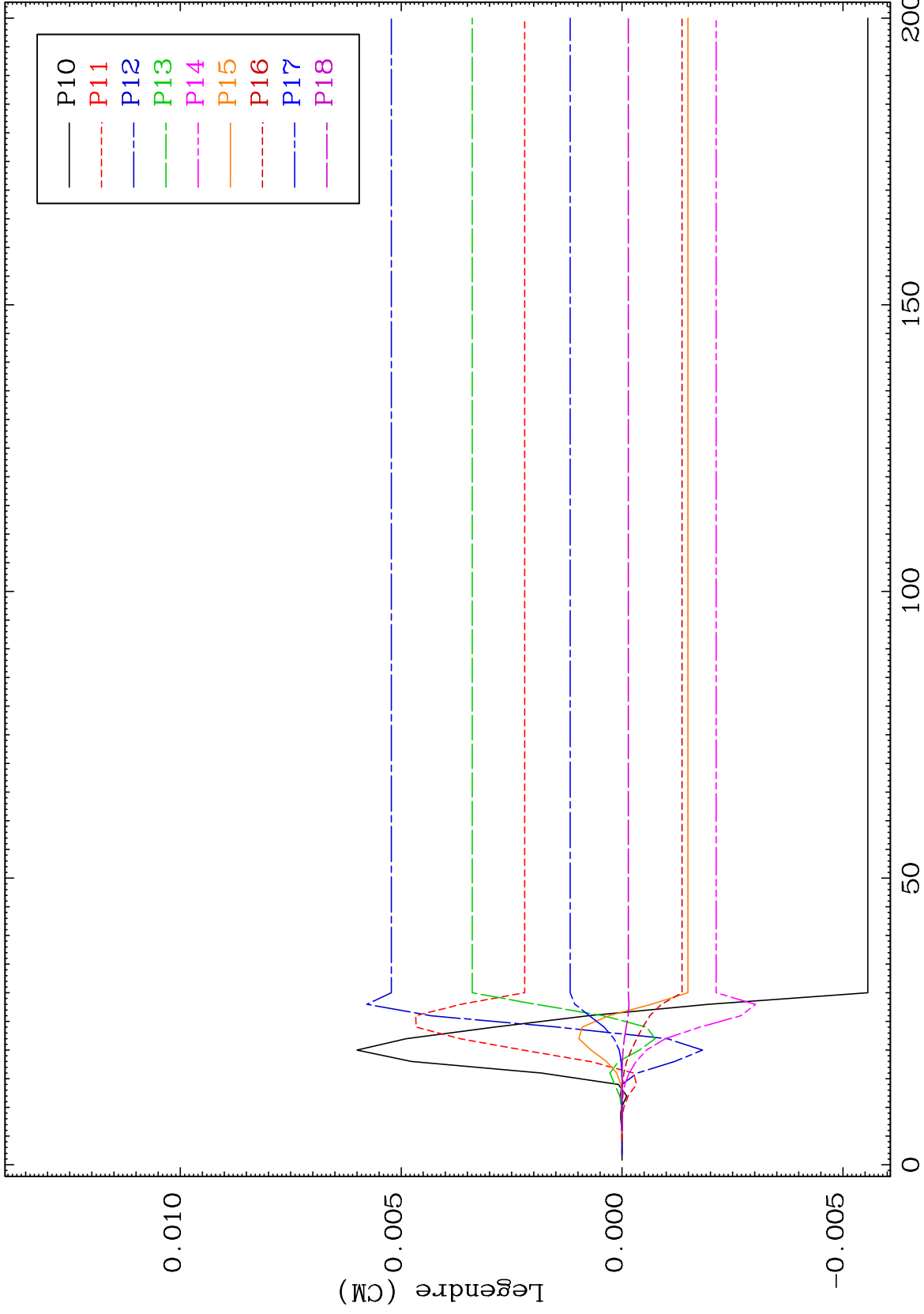
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



89

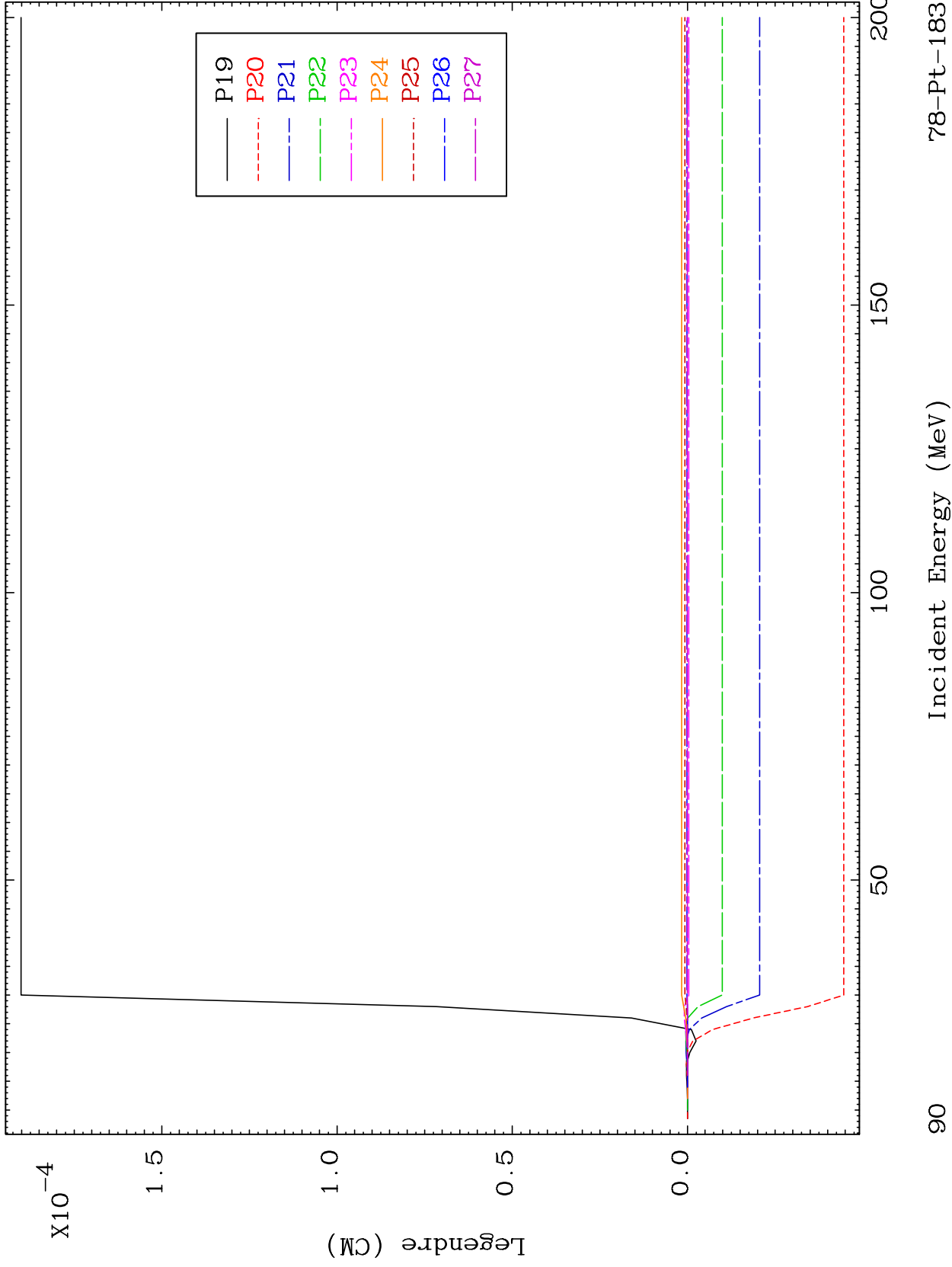
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



90

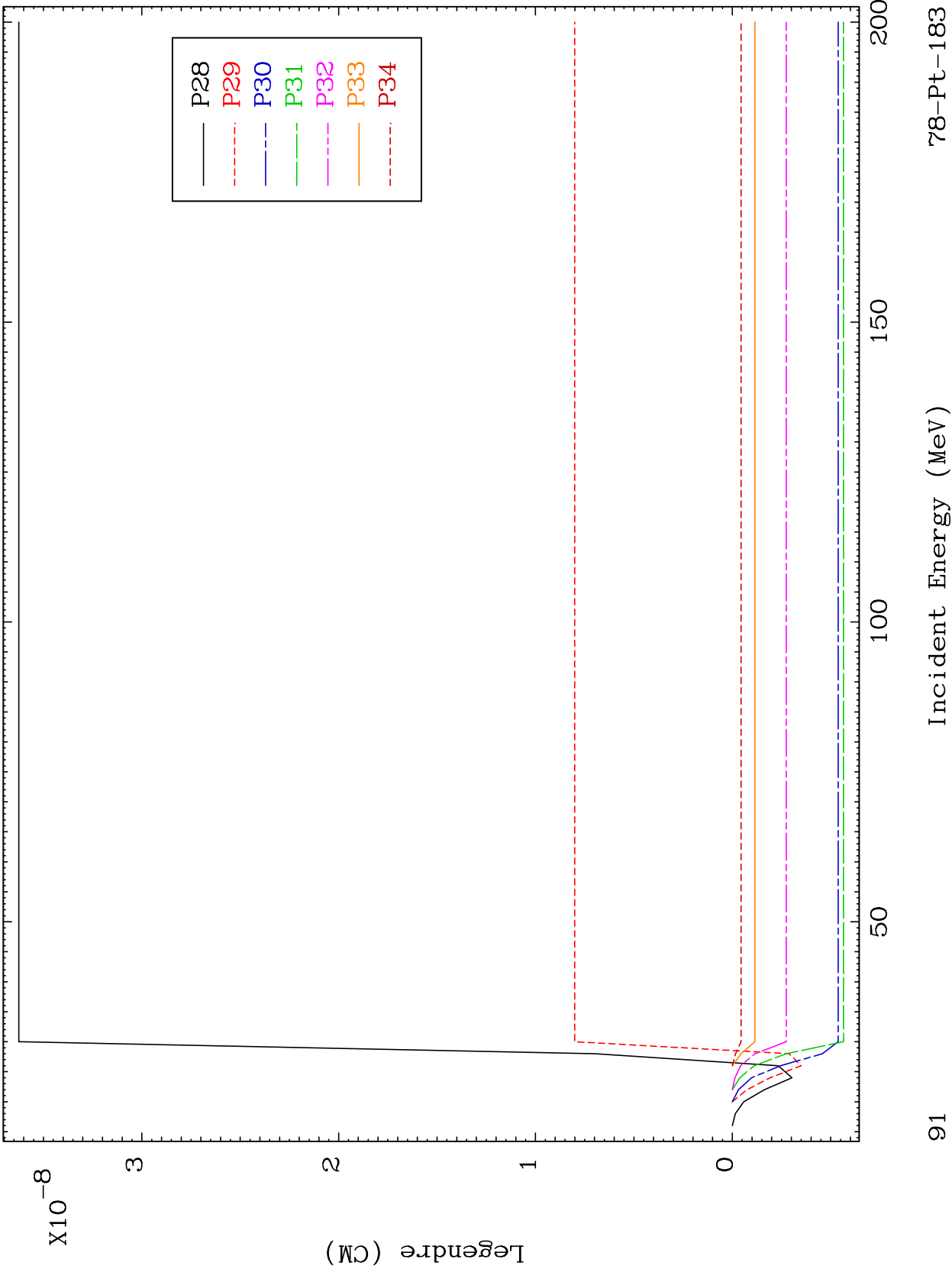
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

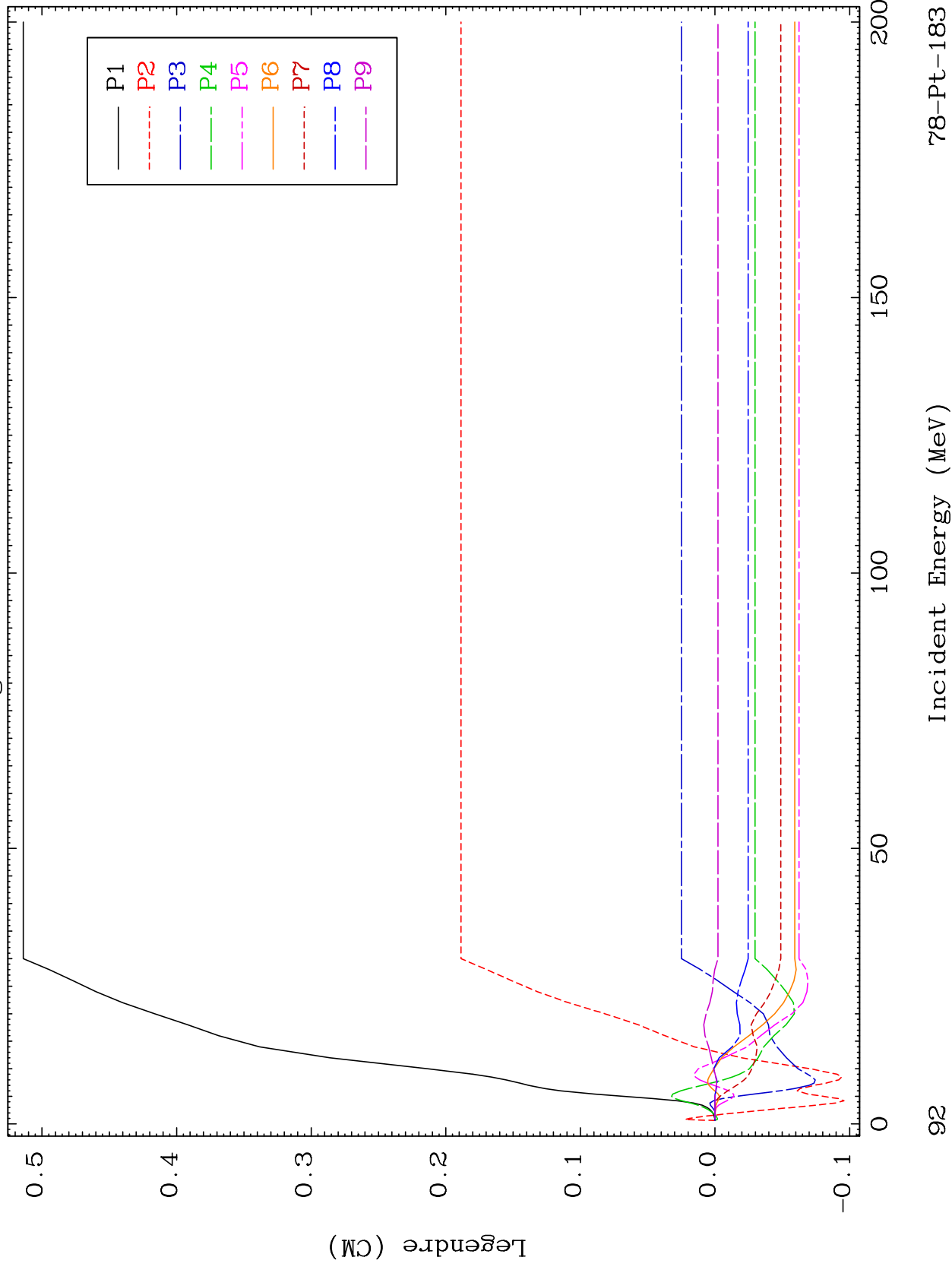
78-Pt-183



MAT 7804

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

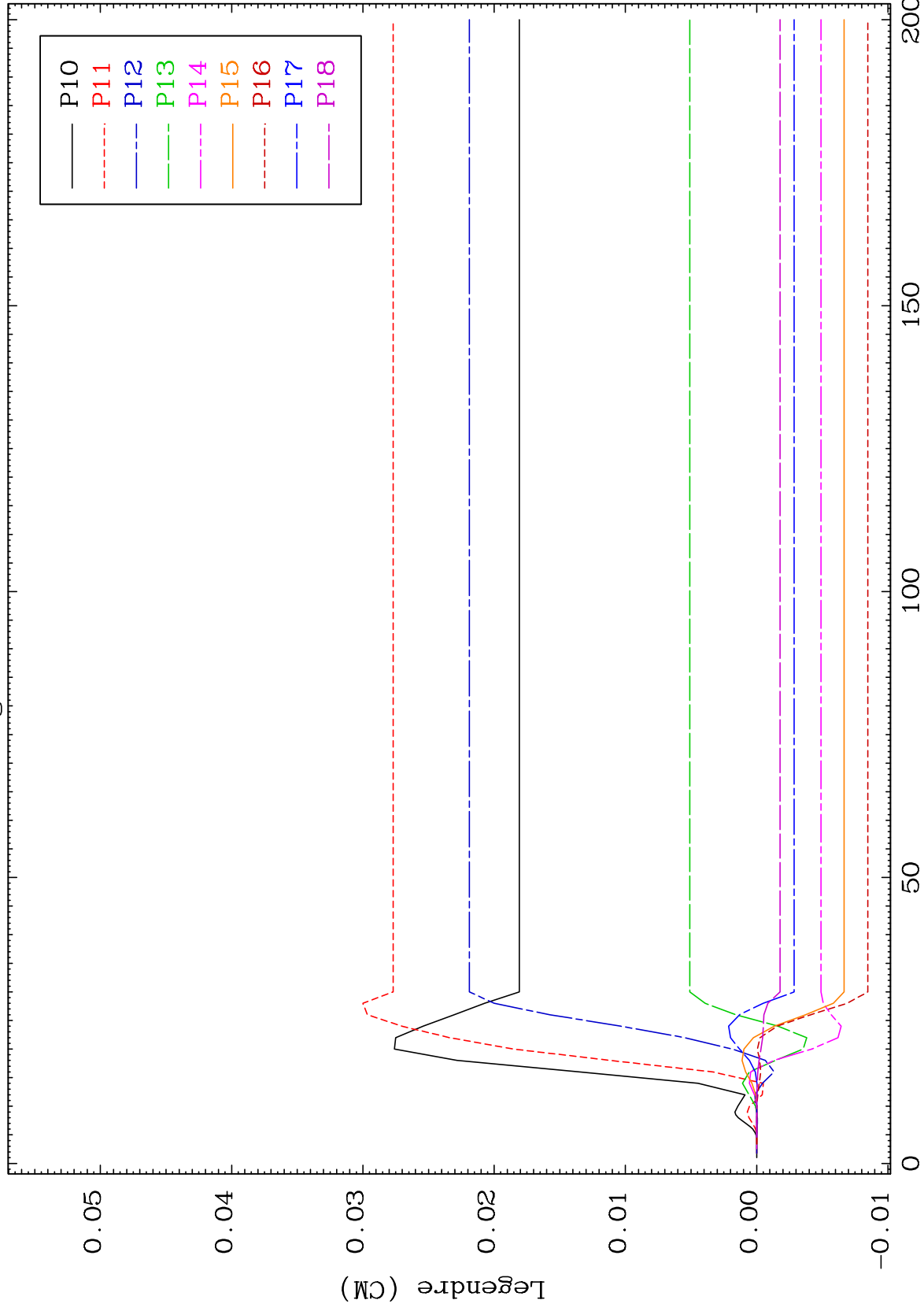
78-Pt-183



MAT 7804

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

78-Pt-183



93

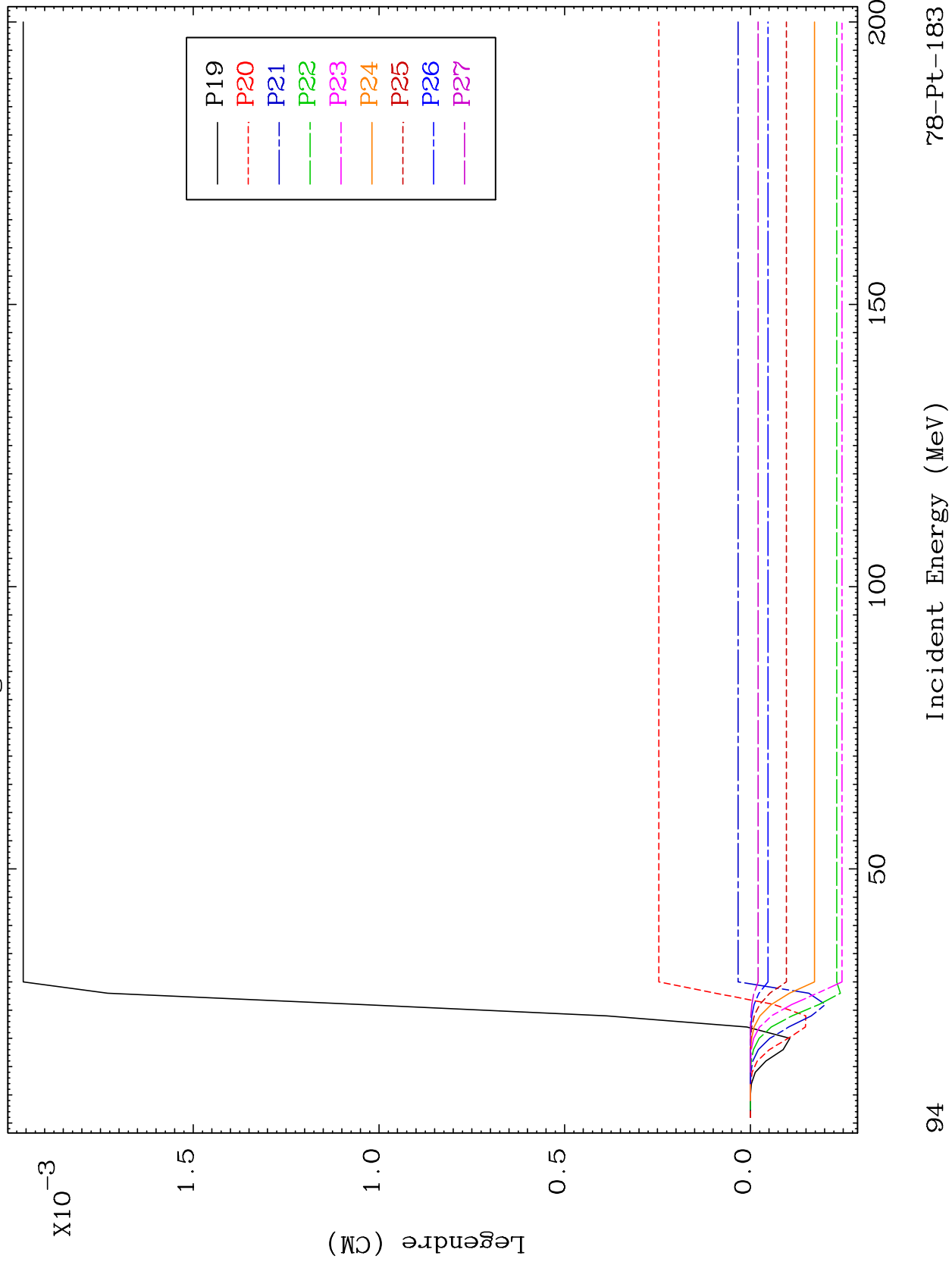
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

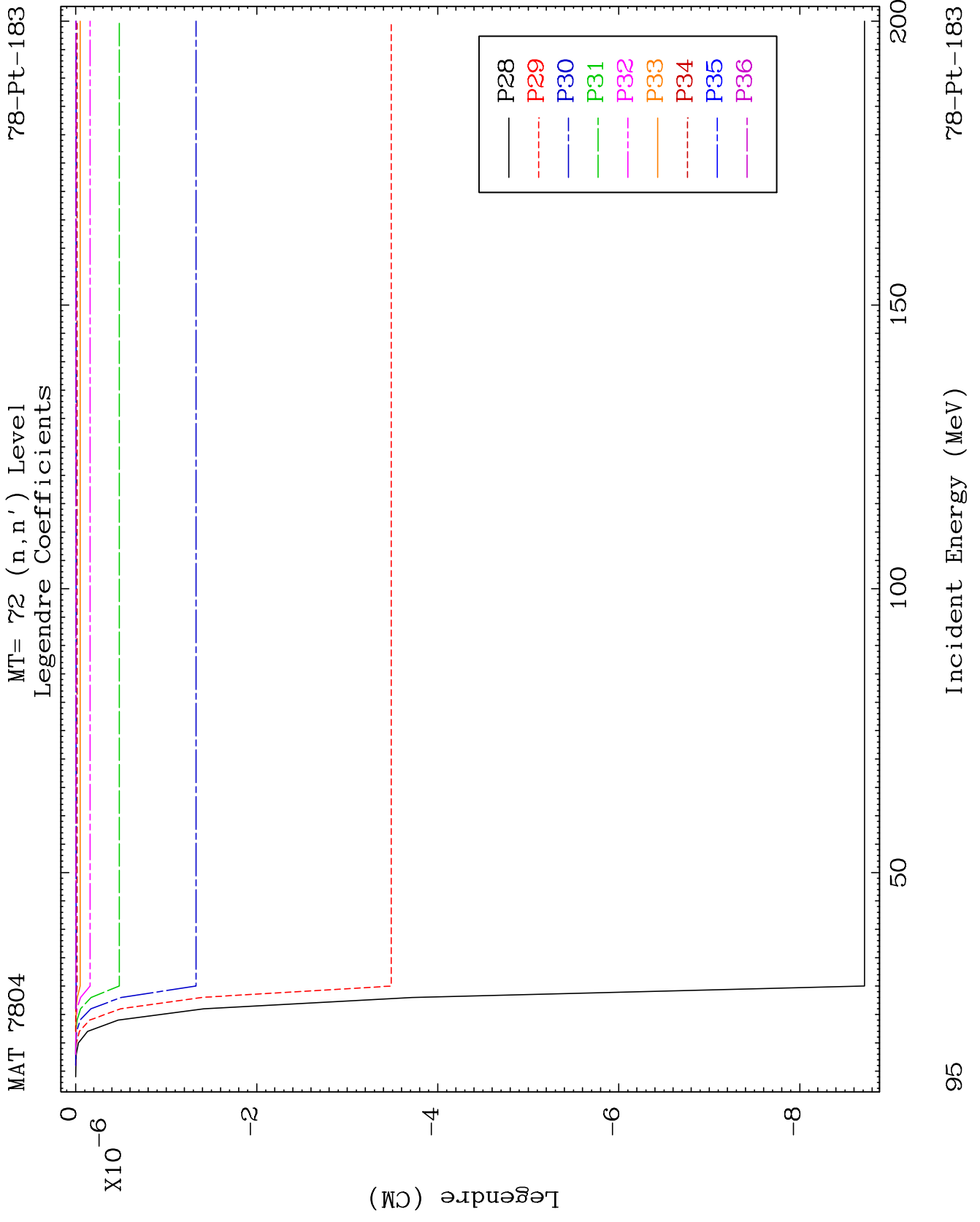
78-Pt-183

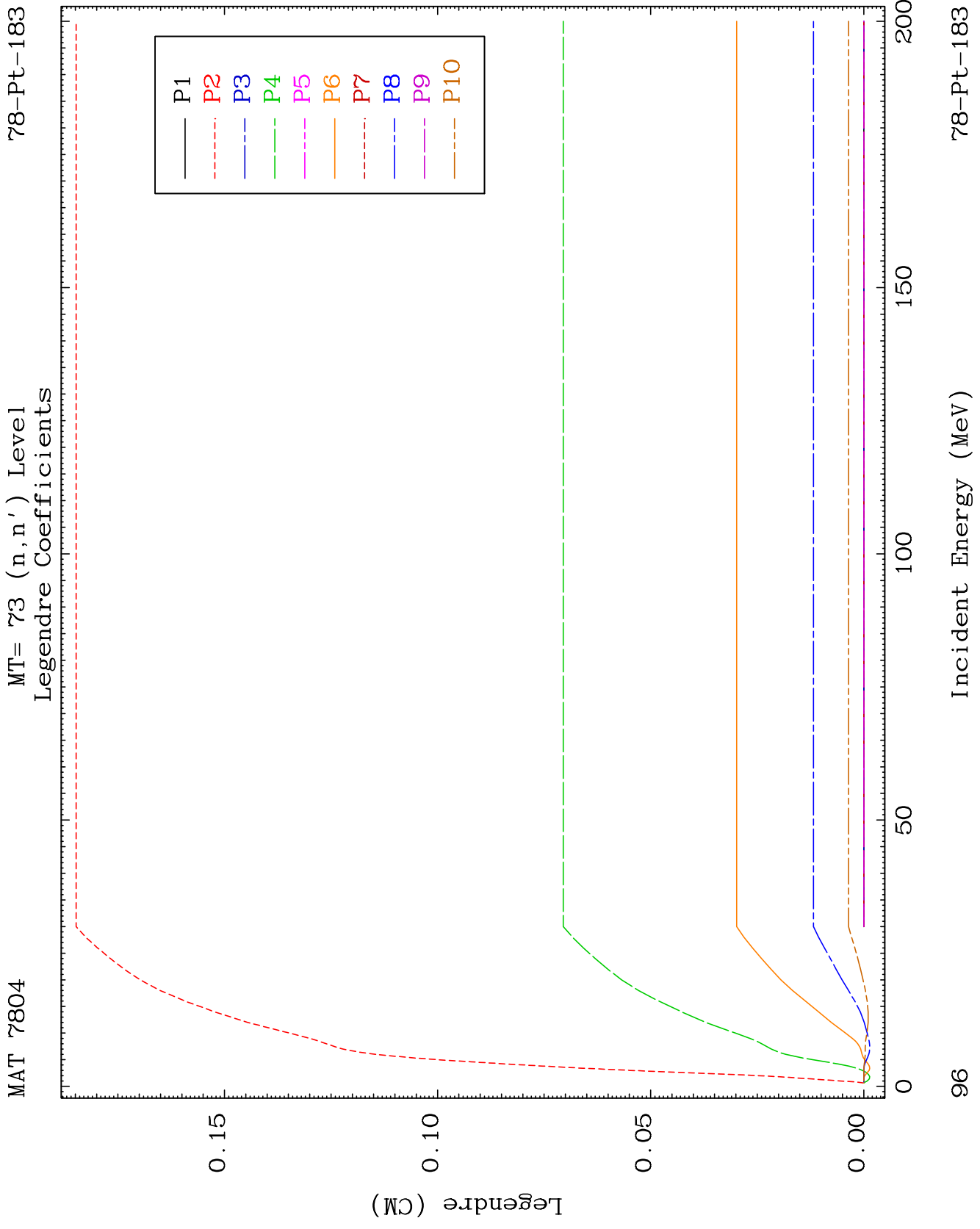


94

Incident Energy (MeV)

78-Pt-183

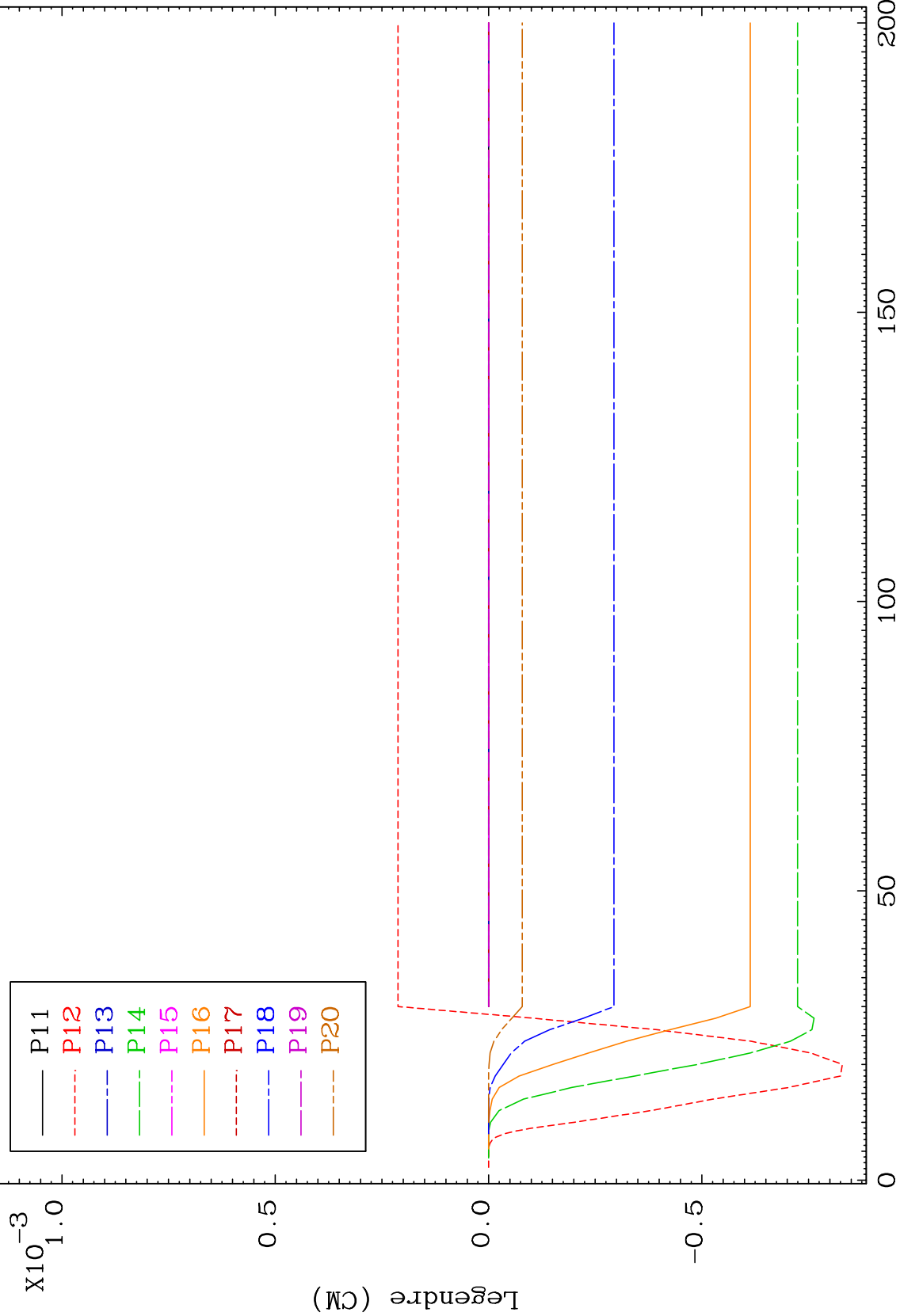
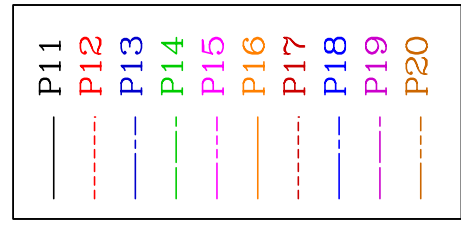




MAT 7804

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

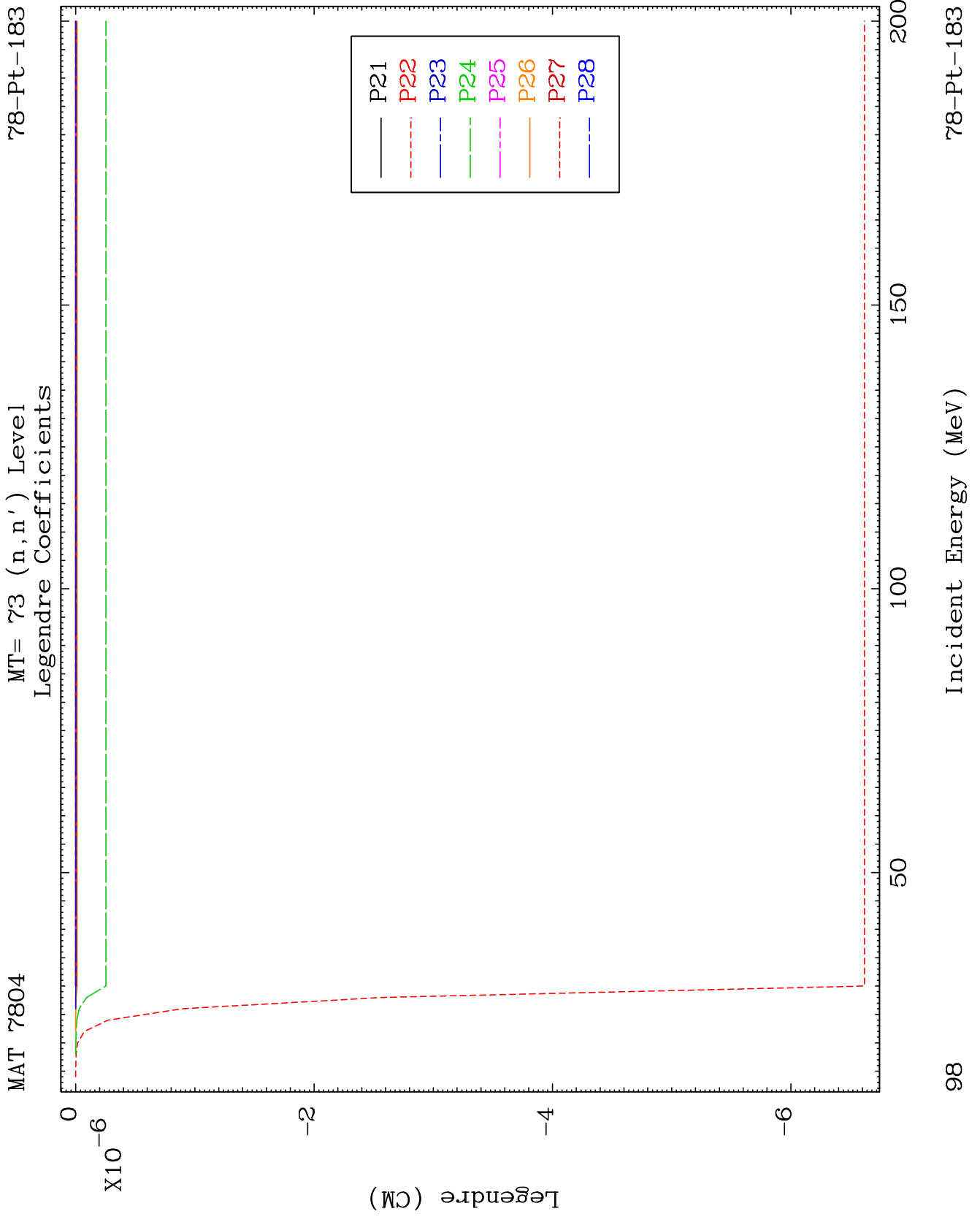
78-Pt-183

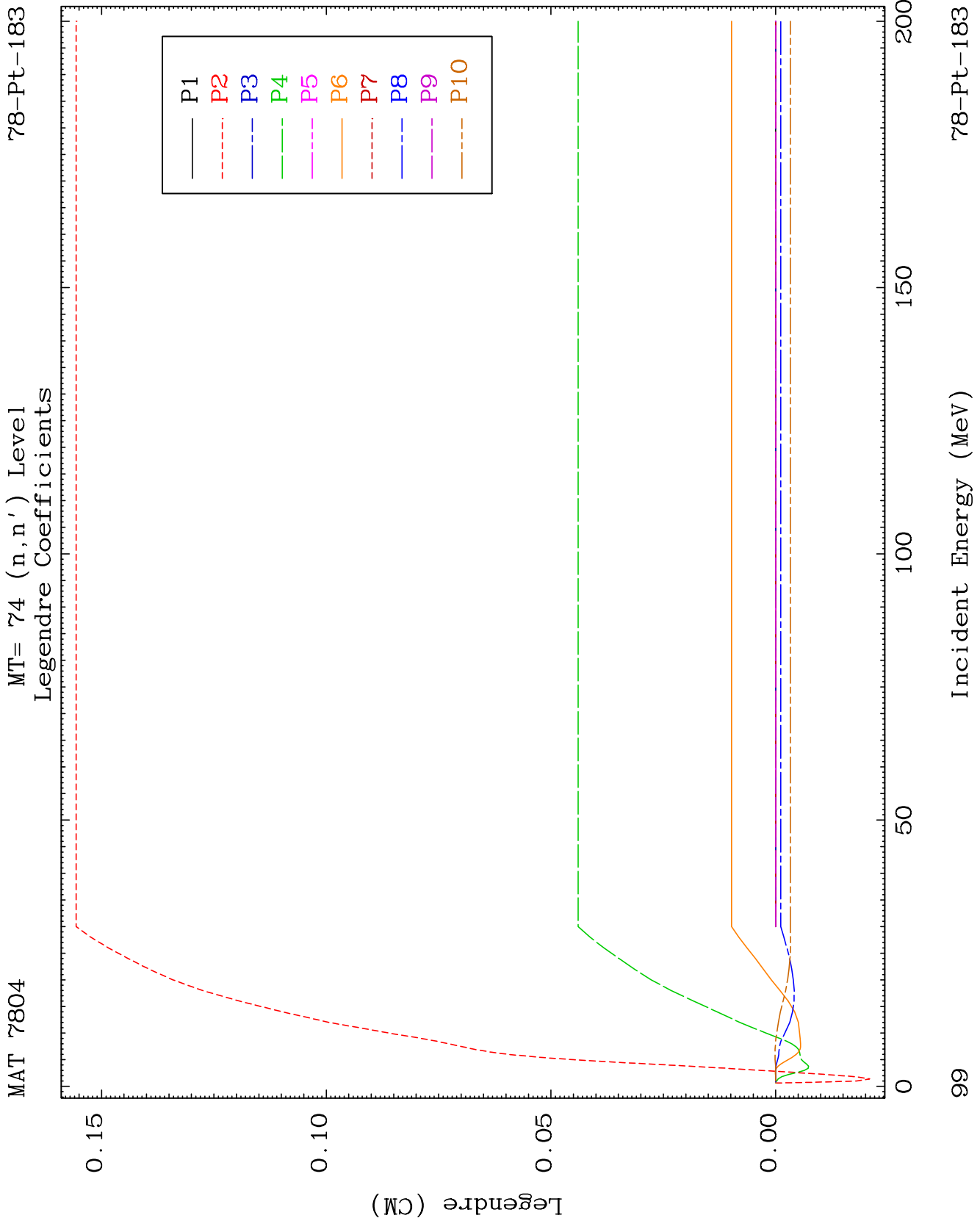


97

Incident Energy (MeV)

78-Pt-183

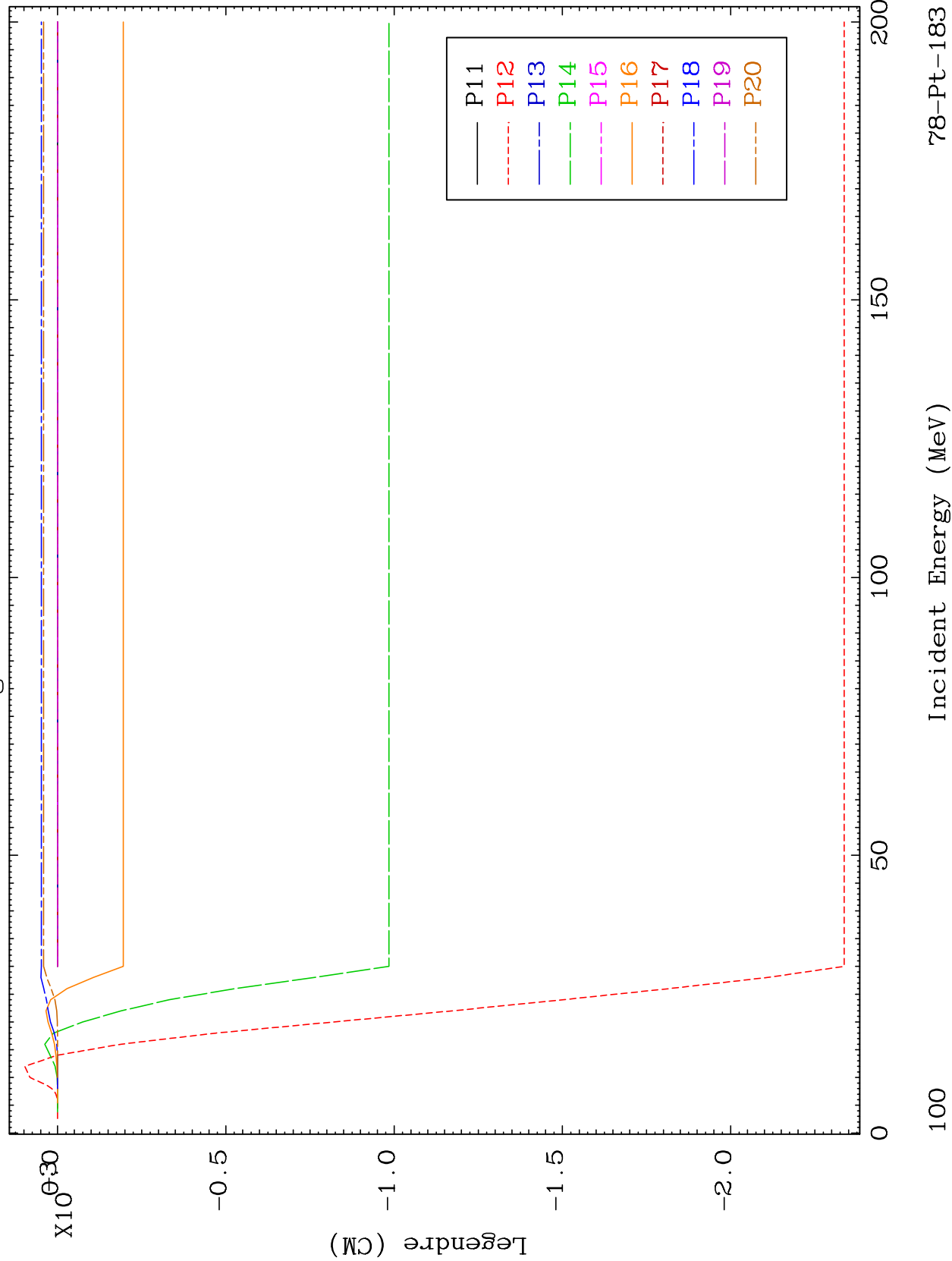




MAT 7804

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

78-Pt-183



78-Pt-183

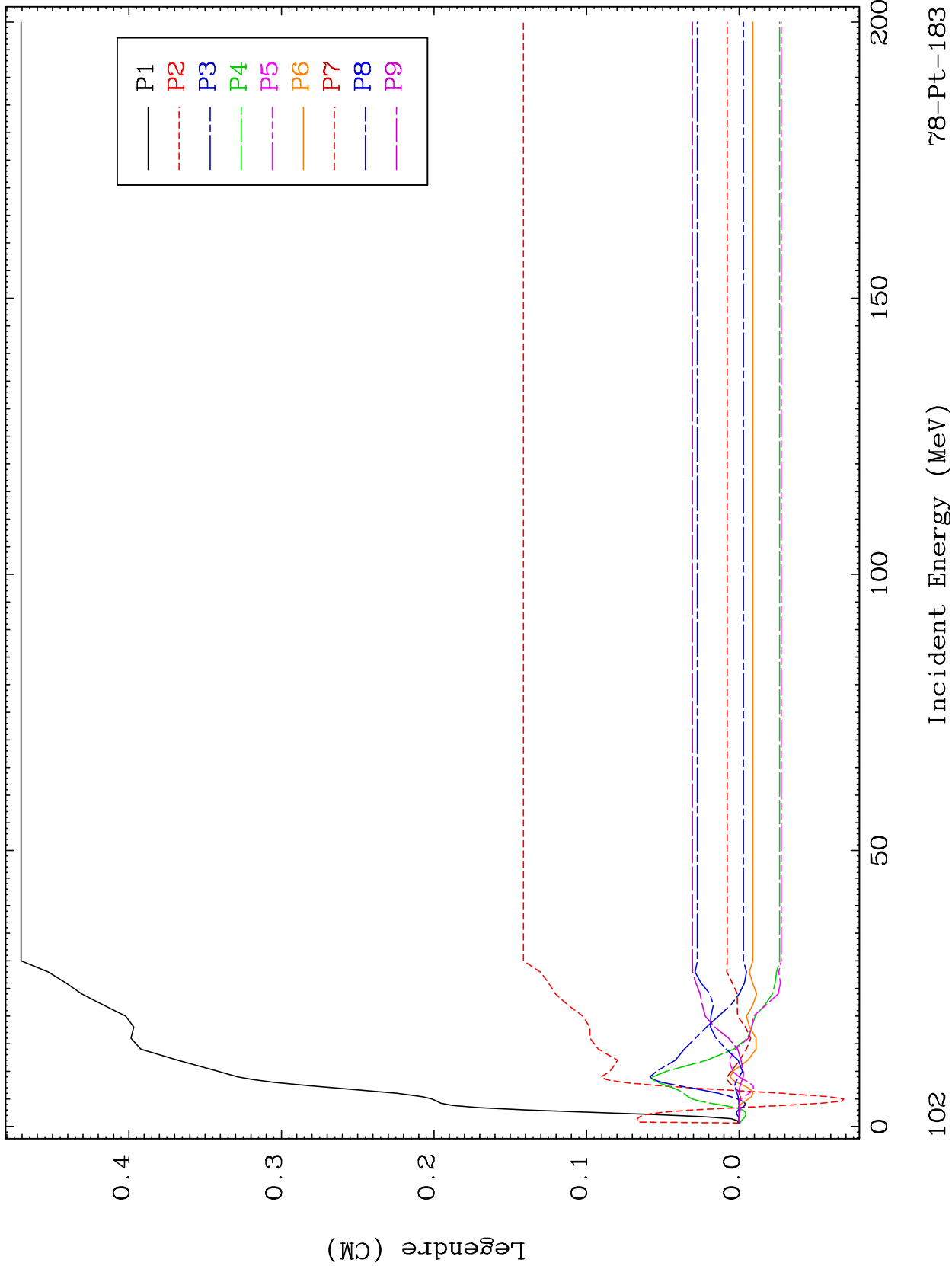
Incident Energy (MeV)

100

MAT 7804

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

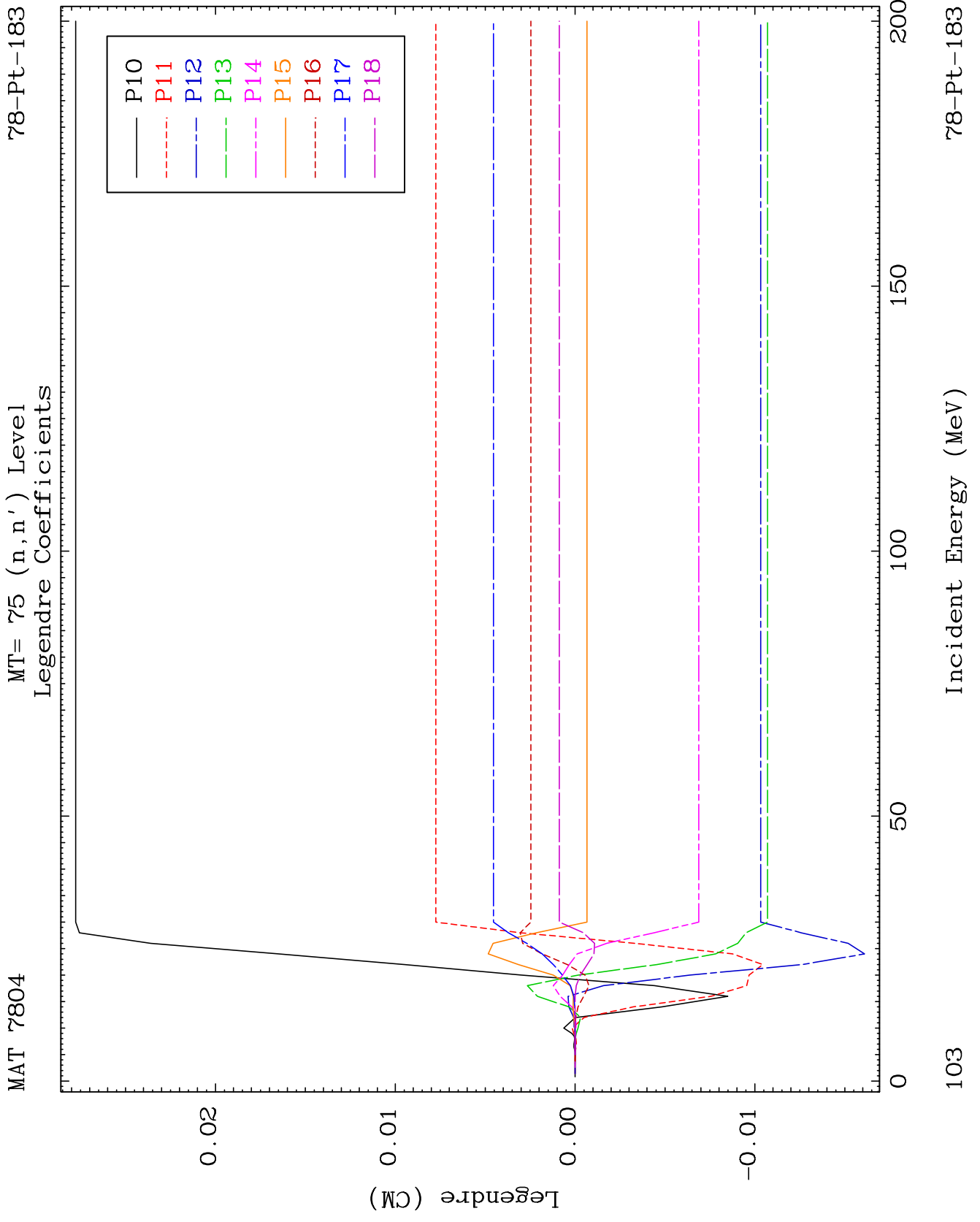
78-Pt-183



78-Pt-183

Incident Energy (MeV)

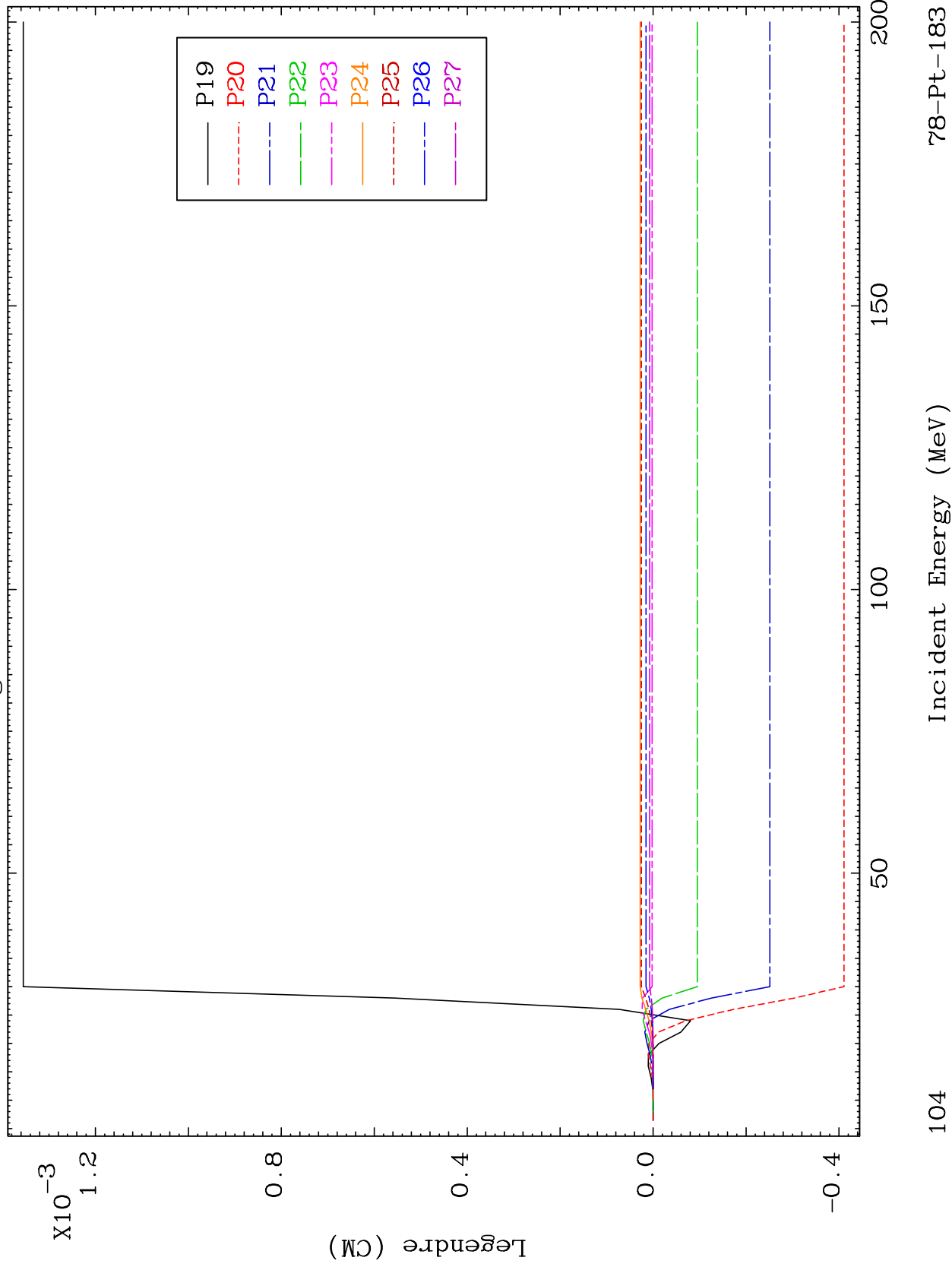
102



MAT 7804

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

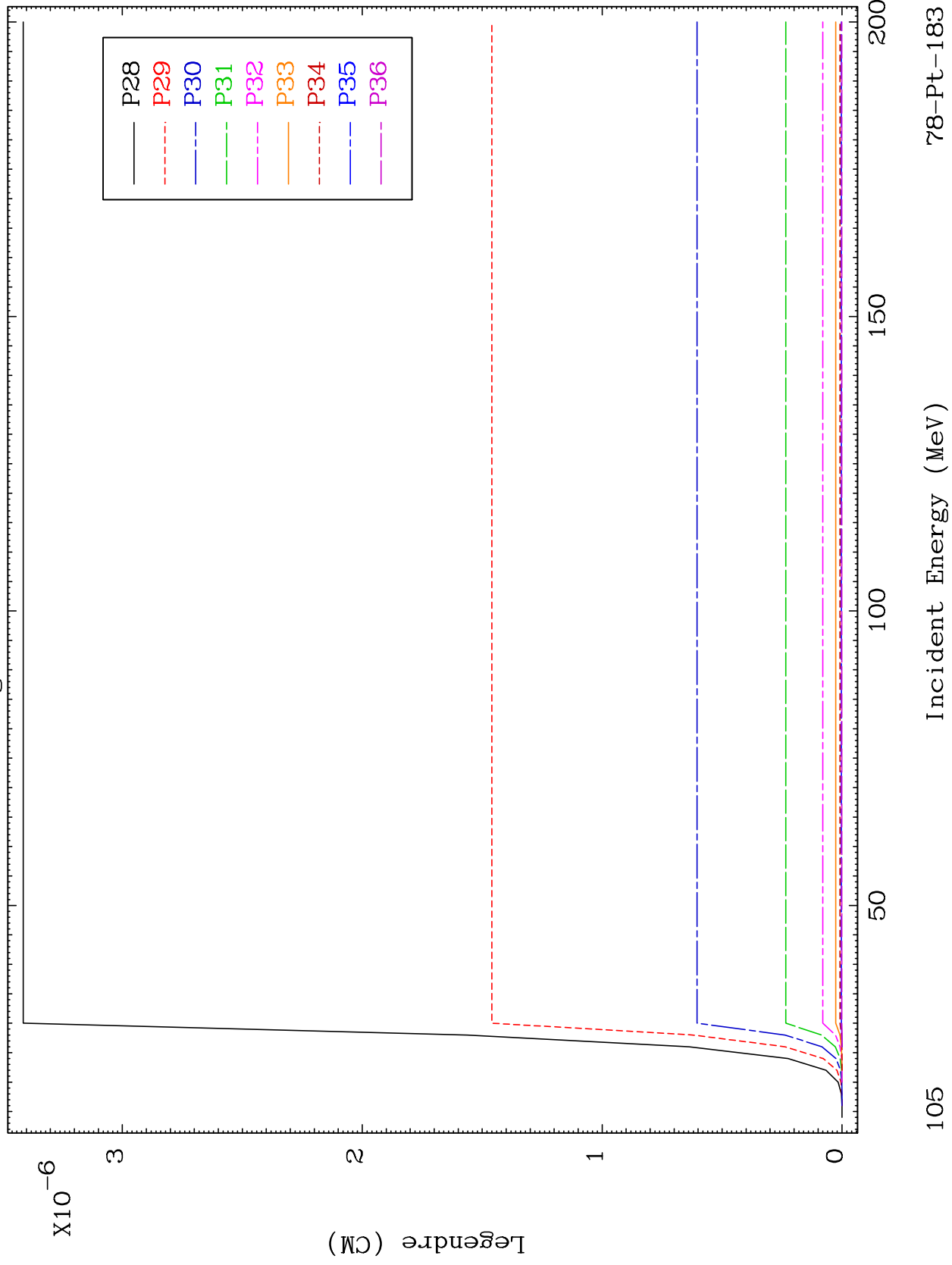
78-Pt-183



MAT 7804

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

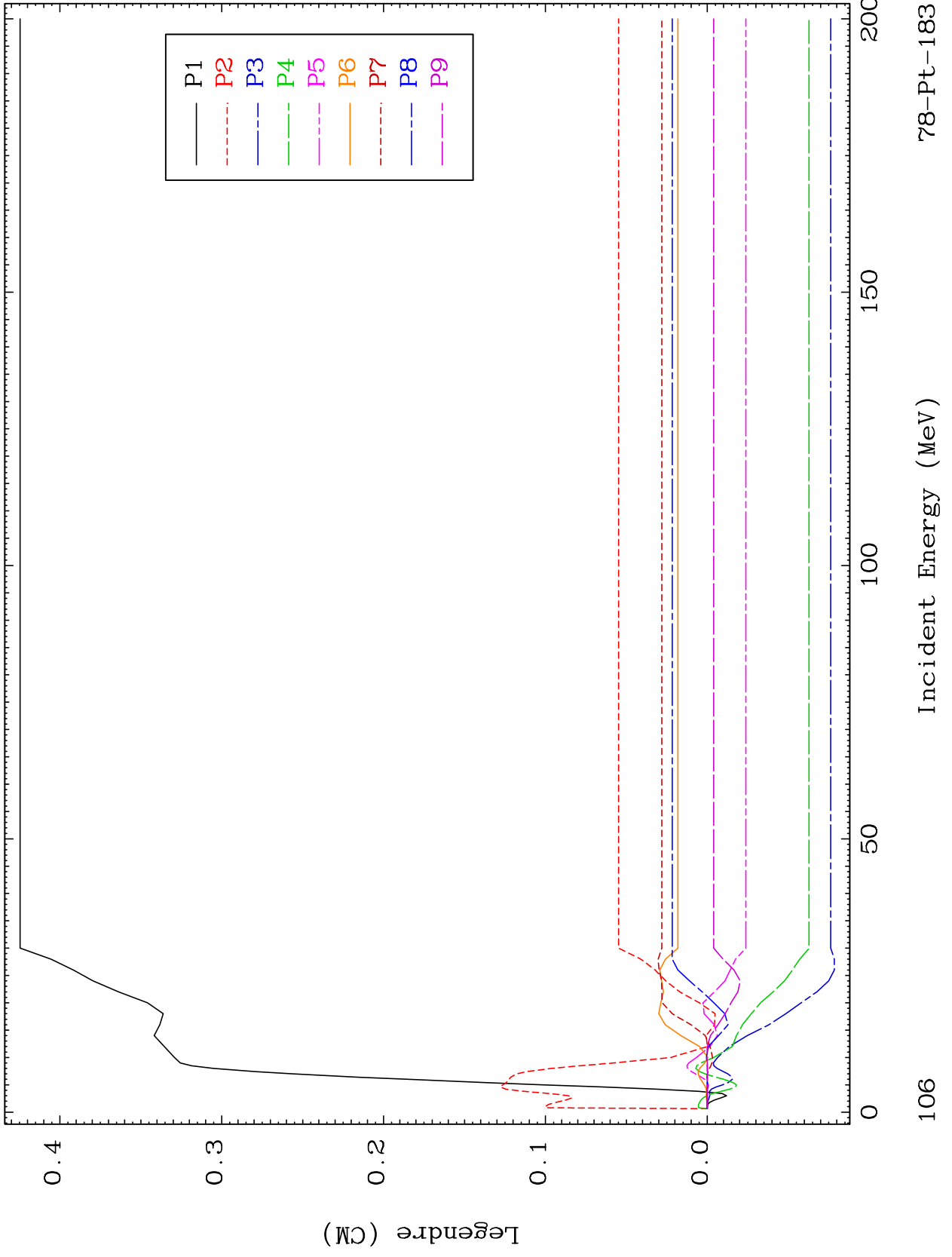
78-Pt-183



MAT 7804

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

78-Pt-183



106

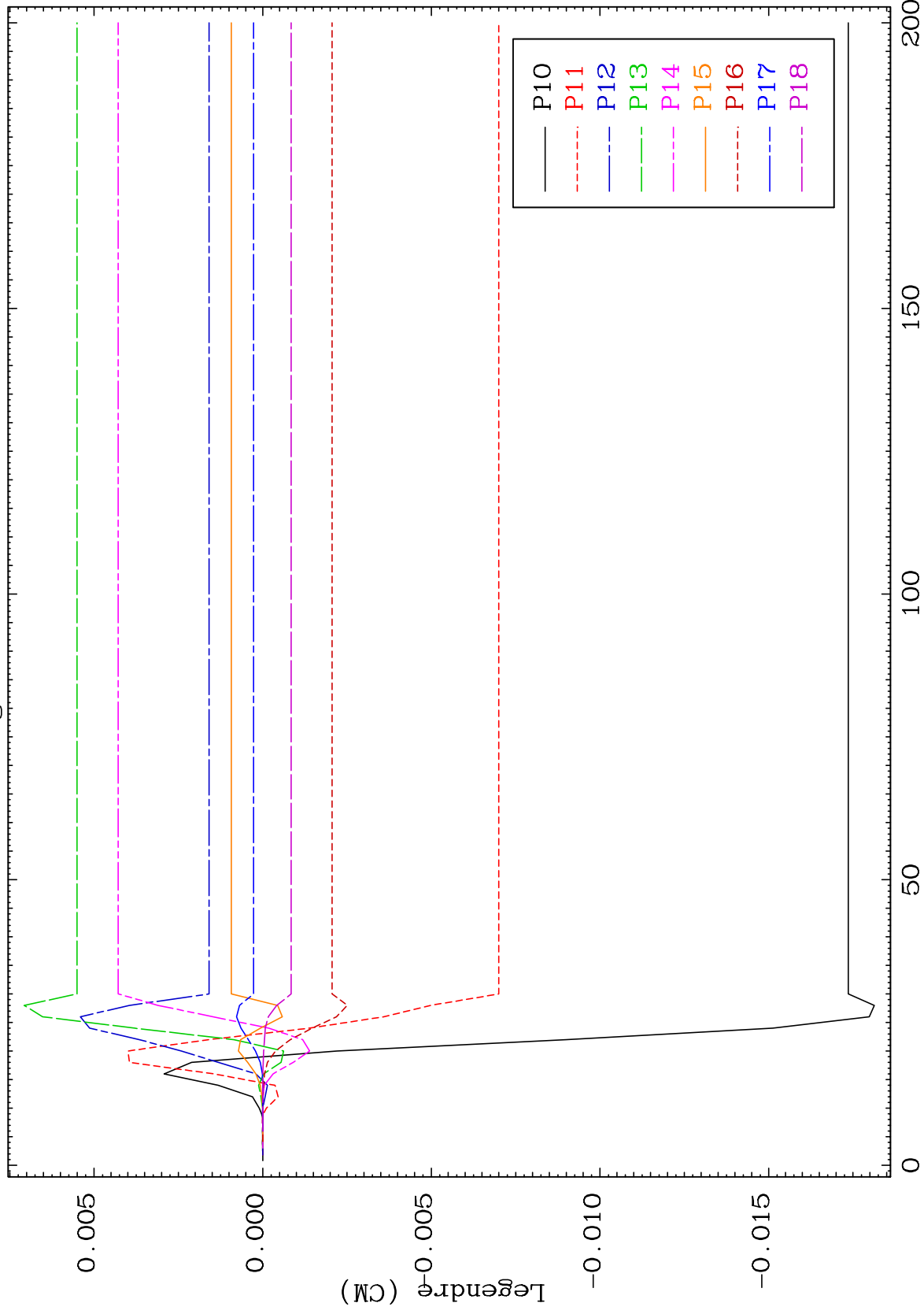
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



107

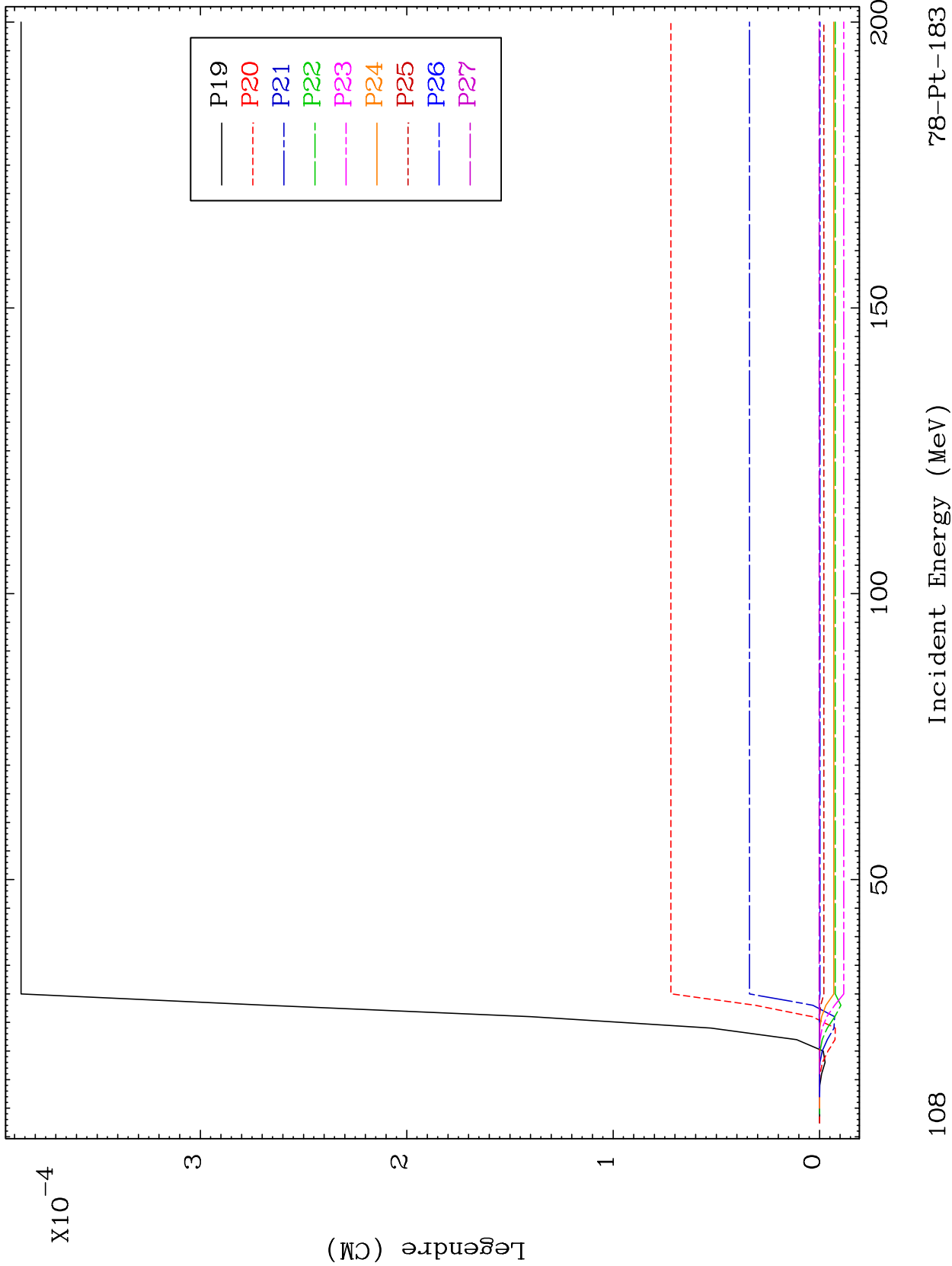
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

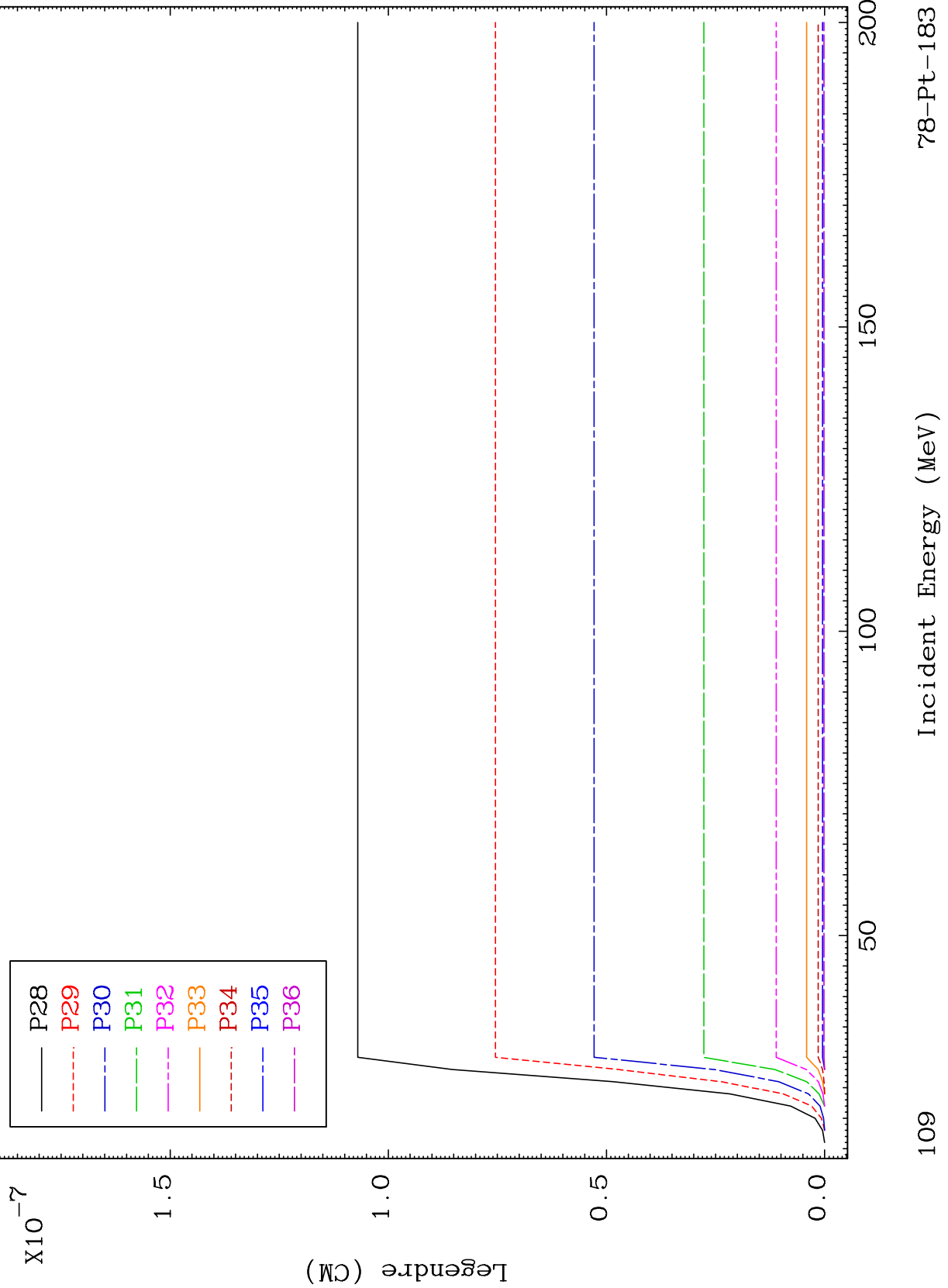
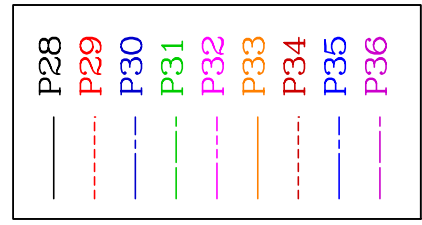
78-Pt-183



MAT 7804

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

78-Pt-183



109

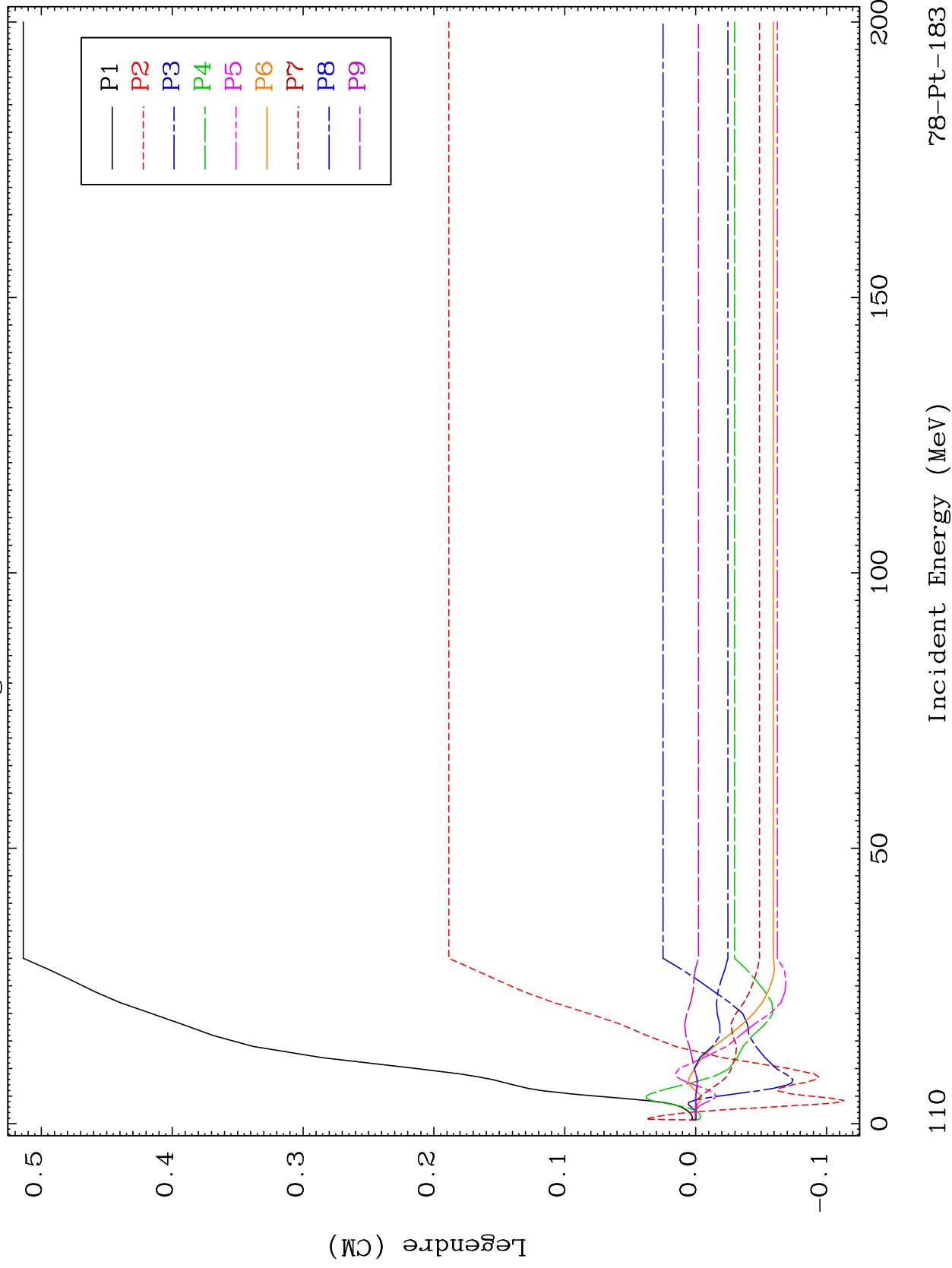
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



78-Pt-183

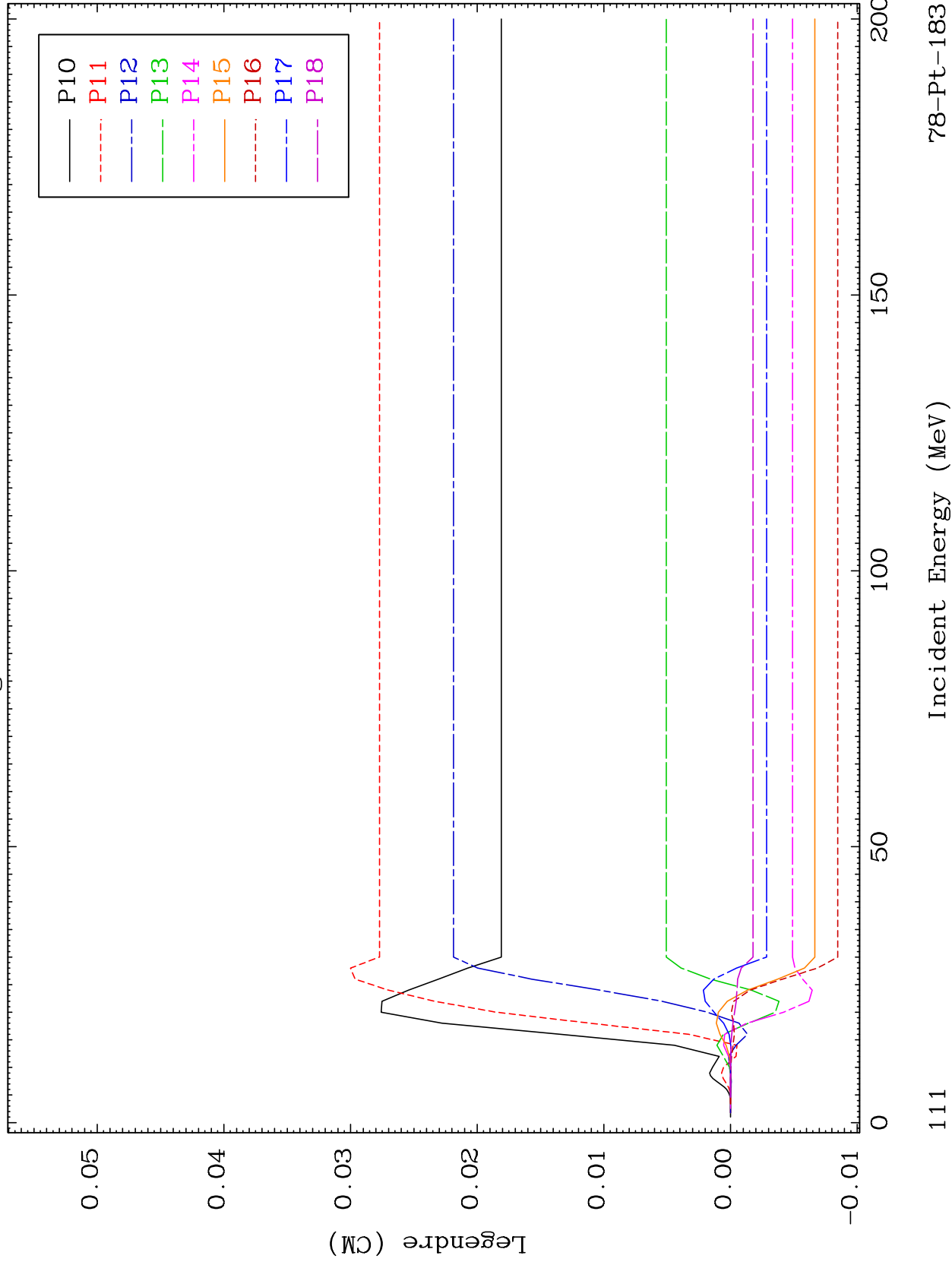
Incident Energy (MeV)

110

MAT 7804

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

78-Pt-183

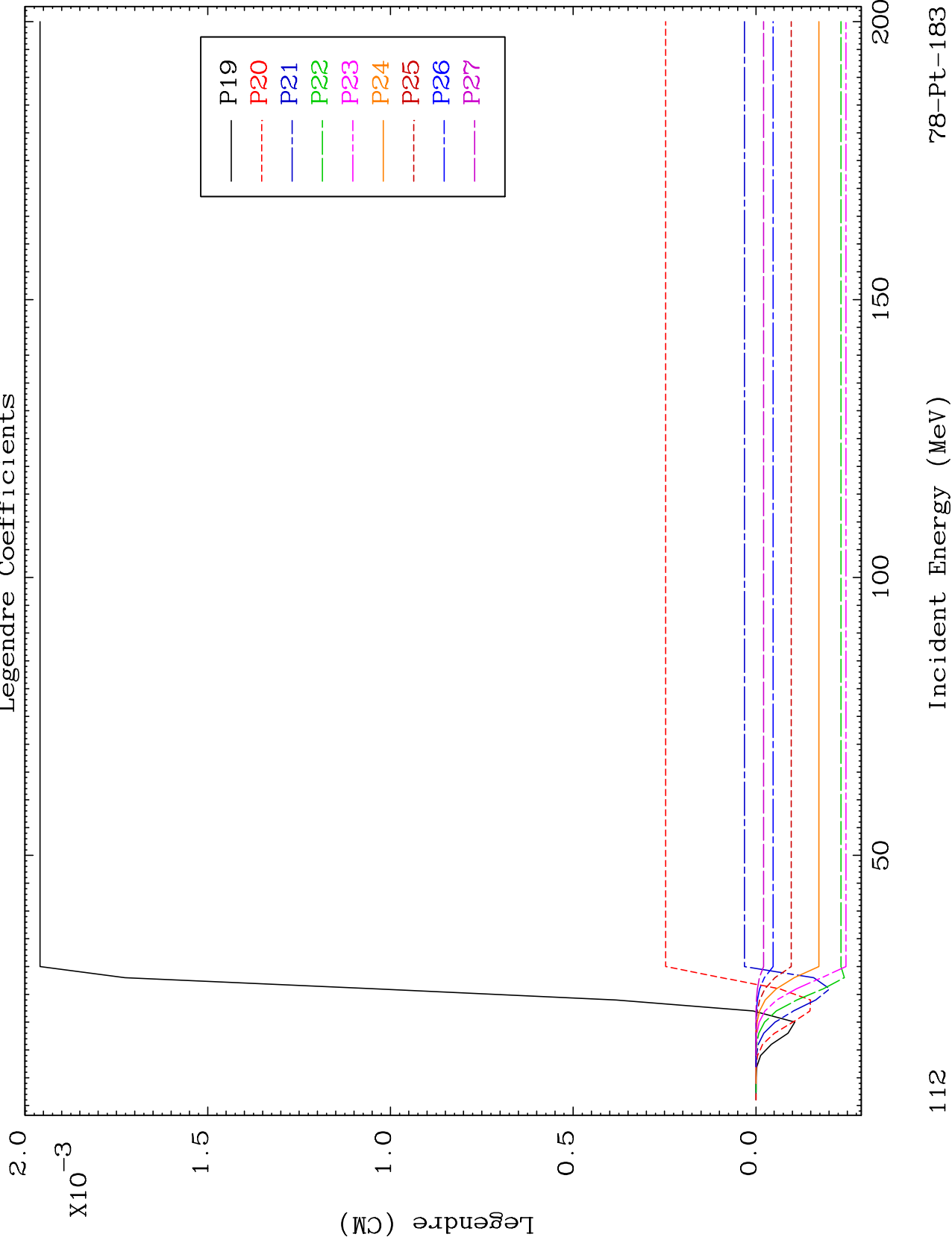


111

MAT 7804

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

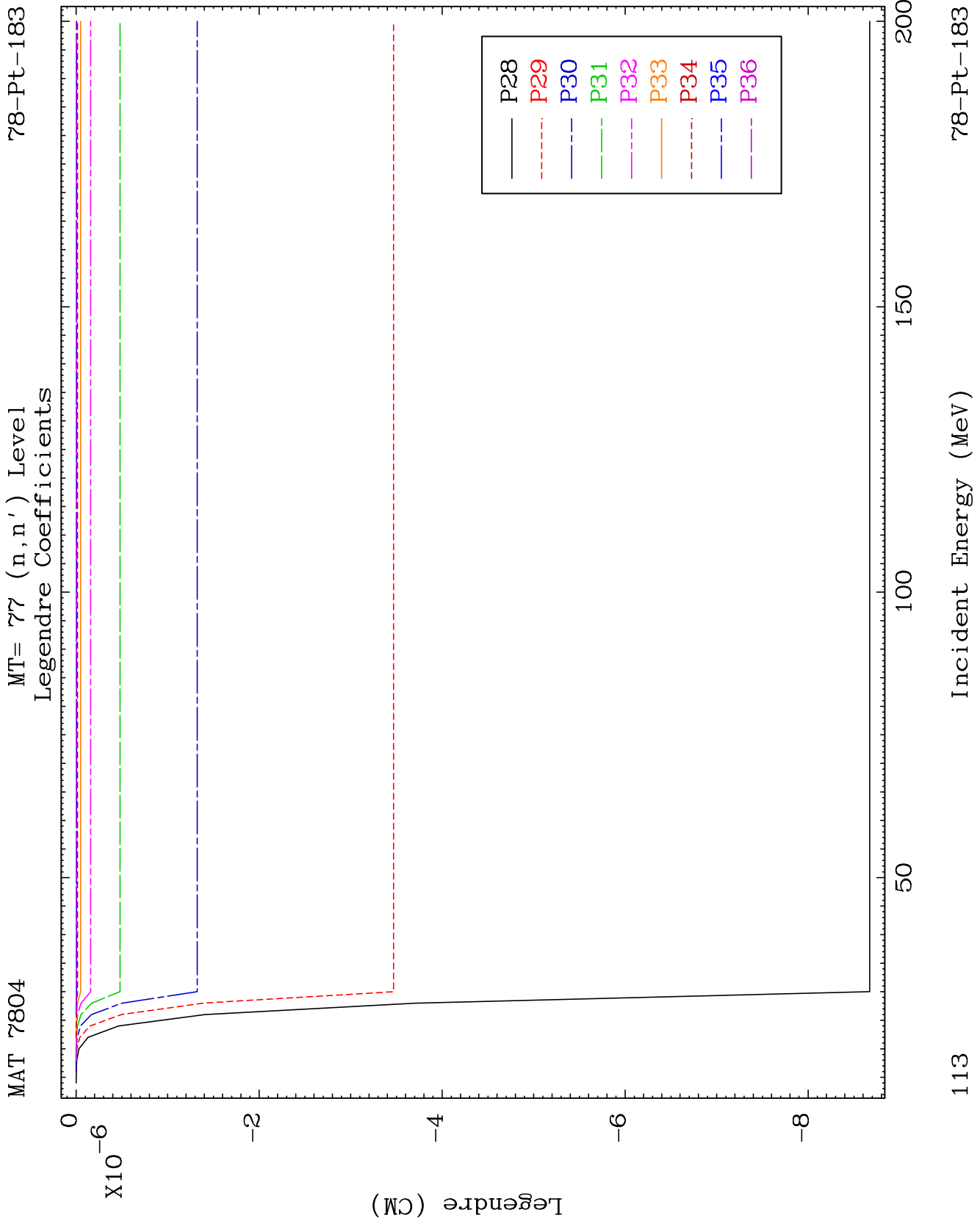
78-Pt-183

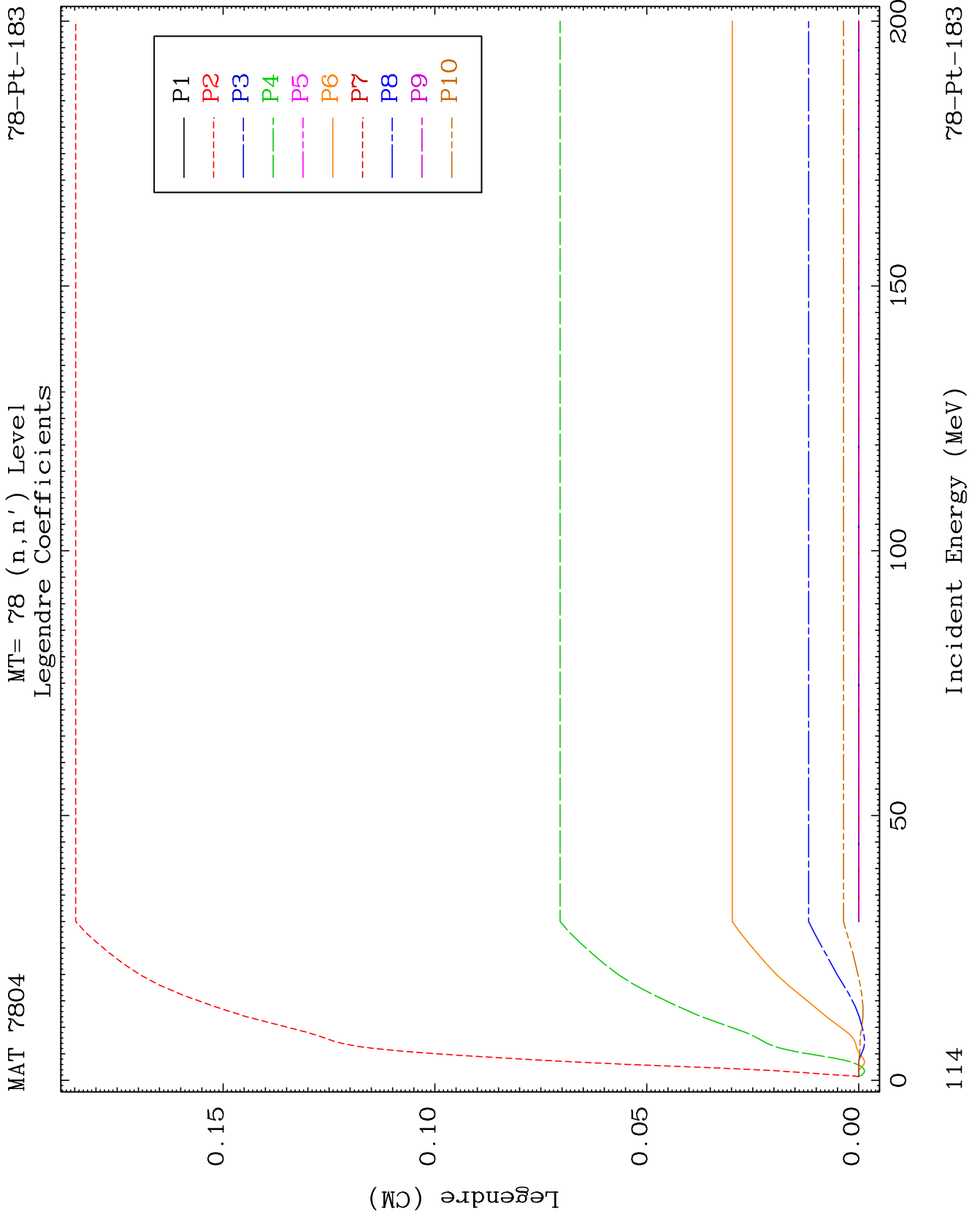


112

Incident Energy (MeV)

78-Pt-183

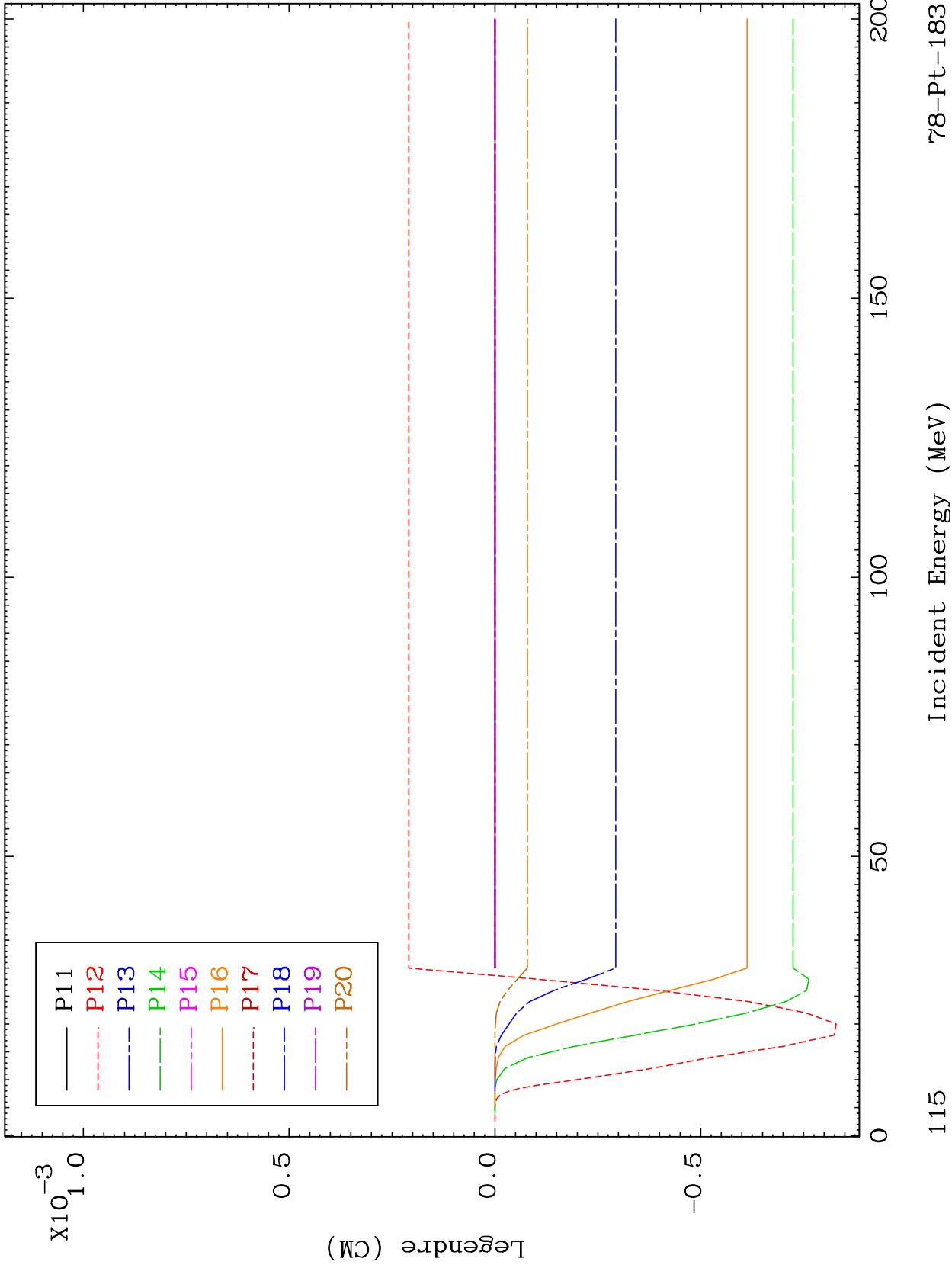




MAT 7804

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

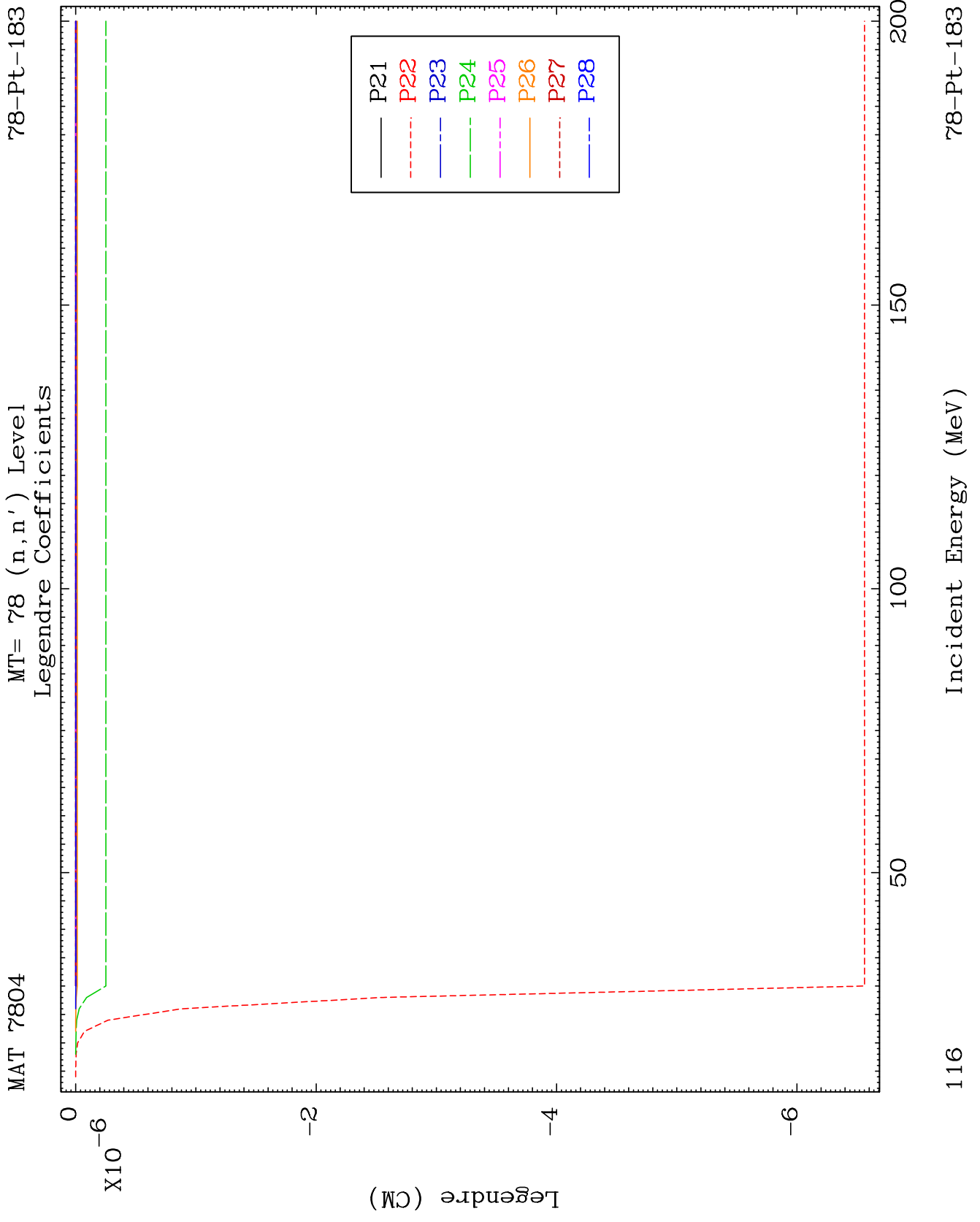
78-Pt-183



115

Incident Energy (MeV)

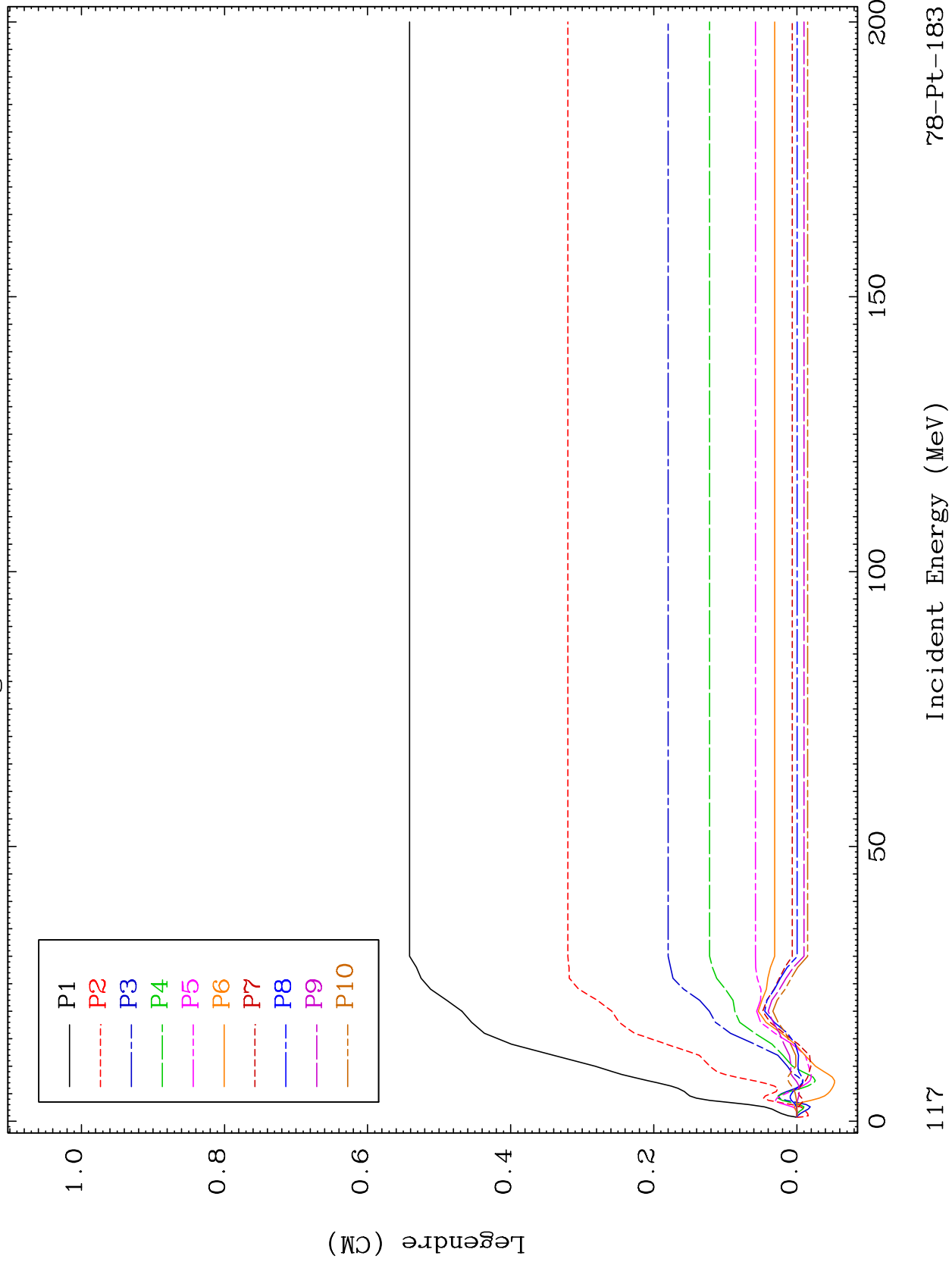
78-Pt-183



MAT 7804

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

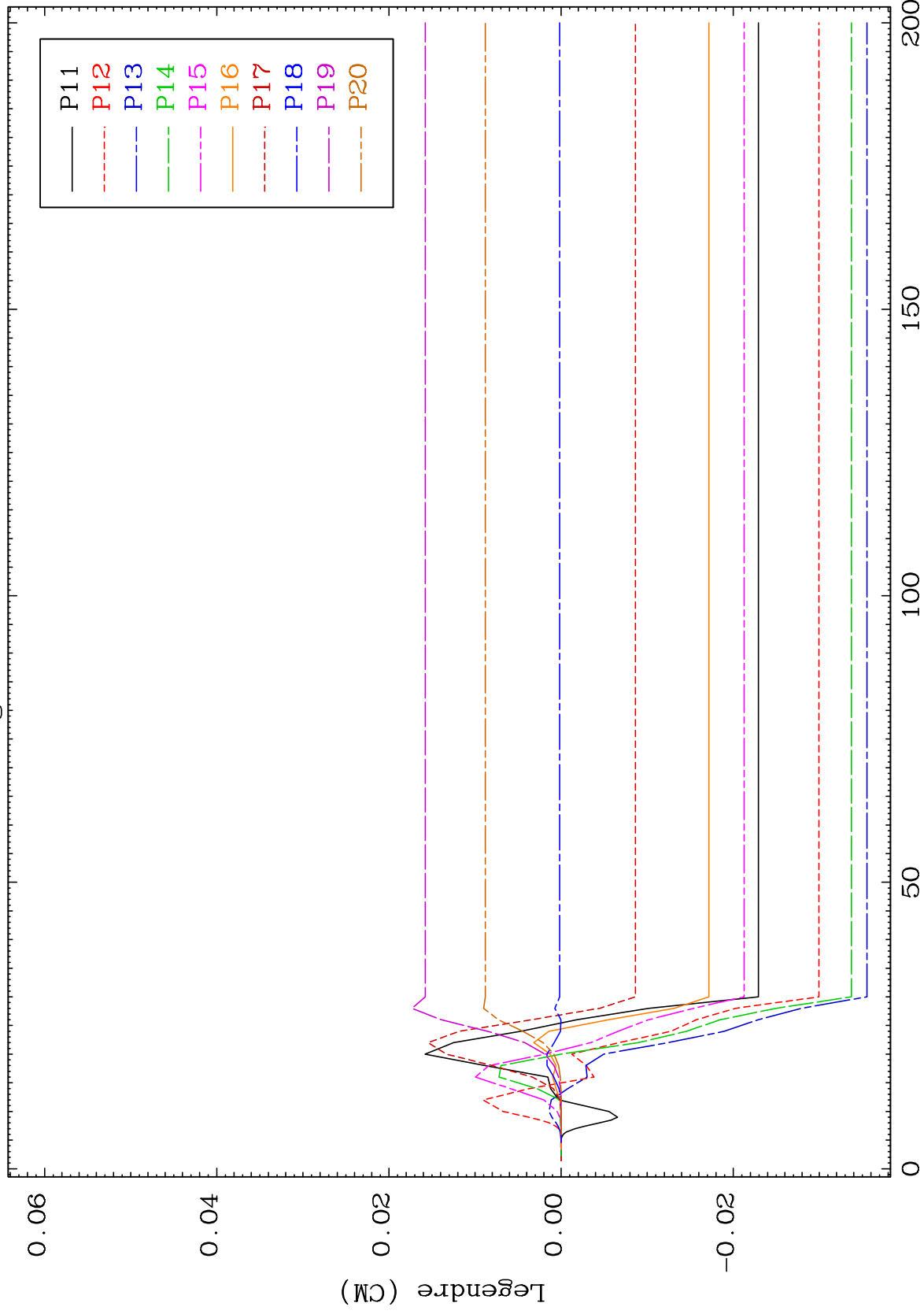
78-Pt-183



MAT 7804

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

78-Pt-183



118

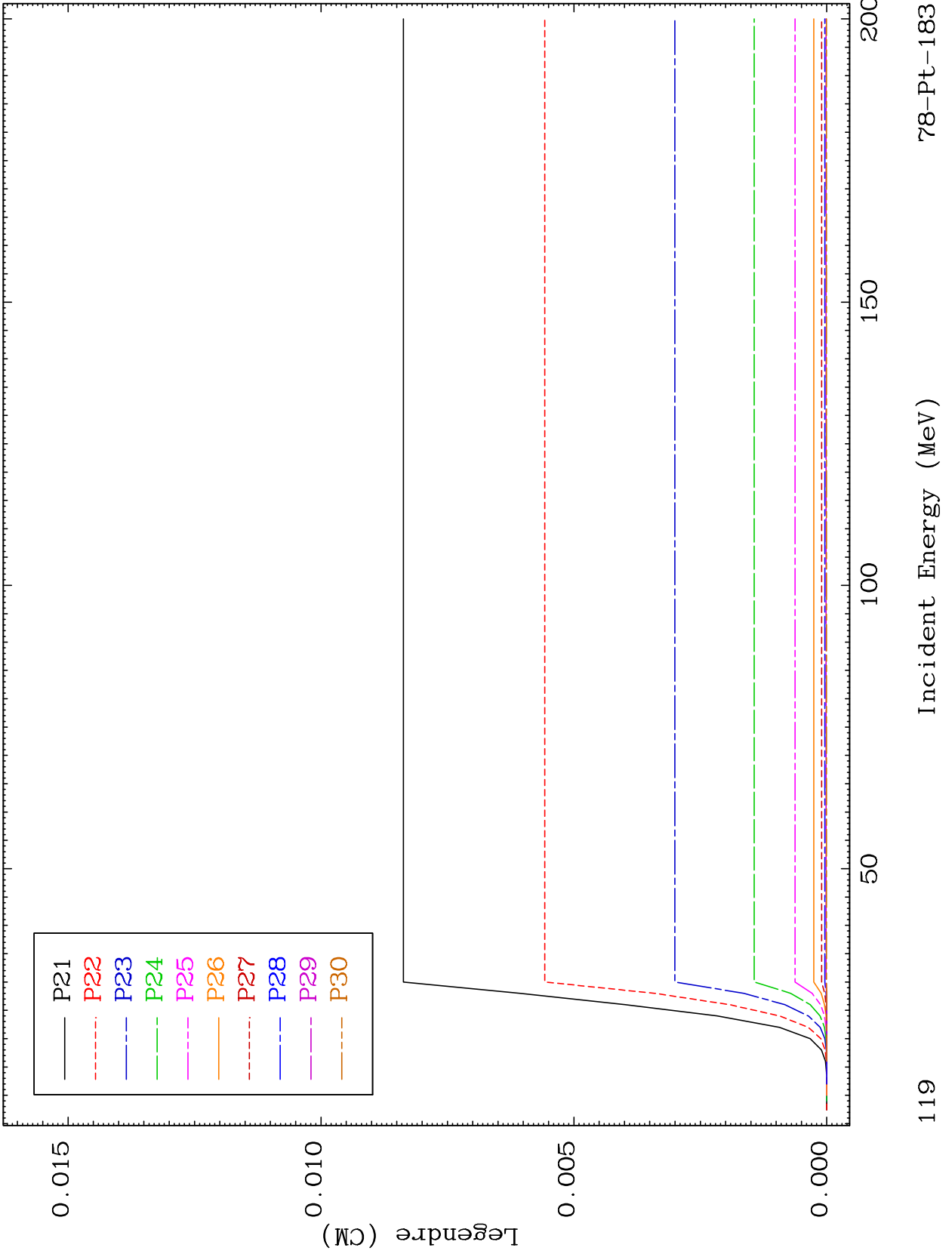
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

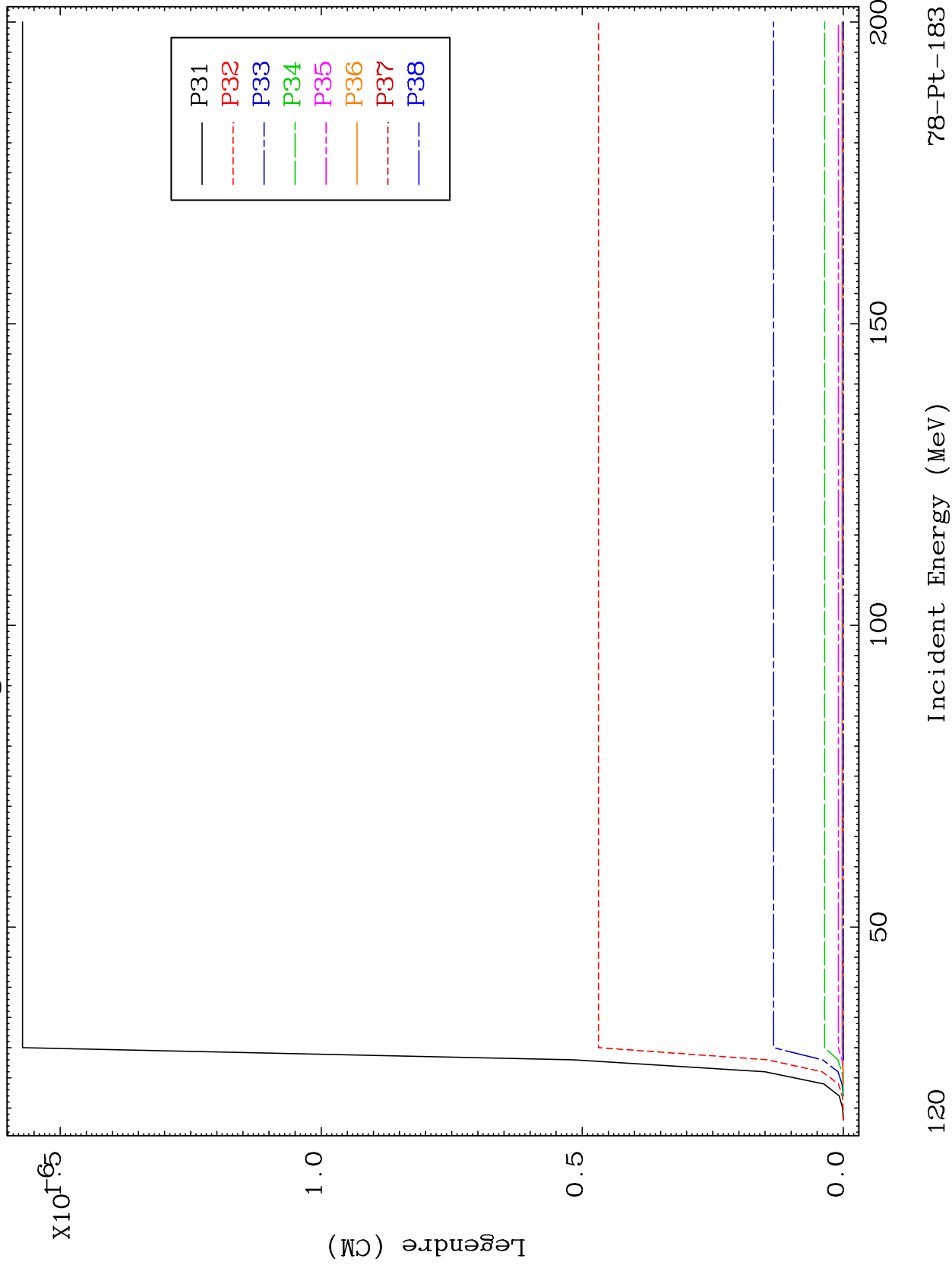
78-Pt-183



MAT 7804

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

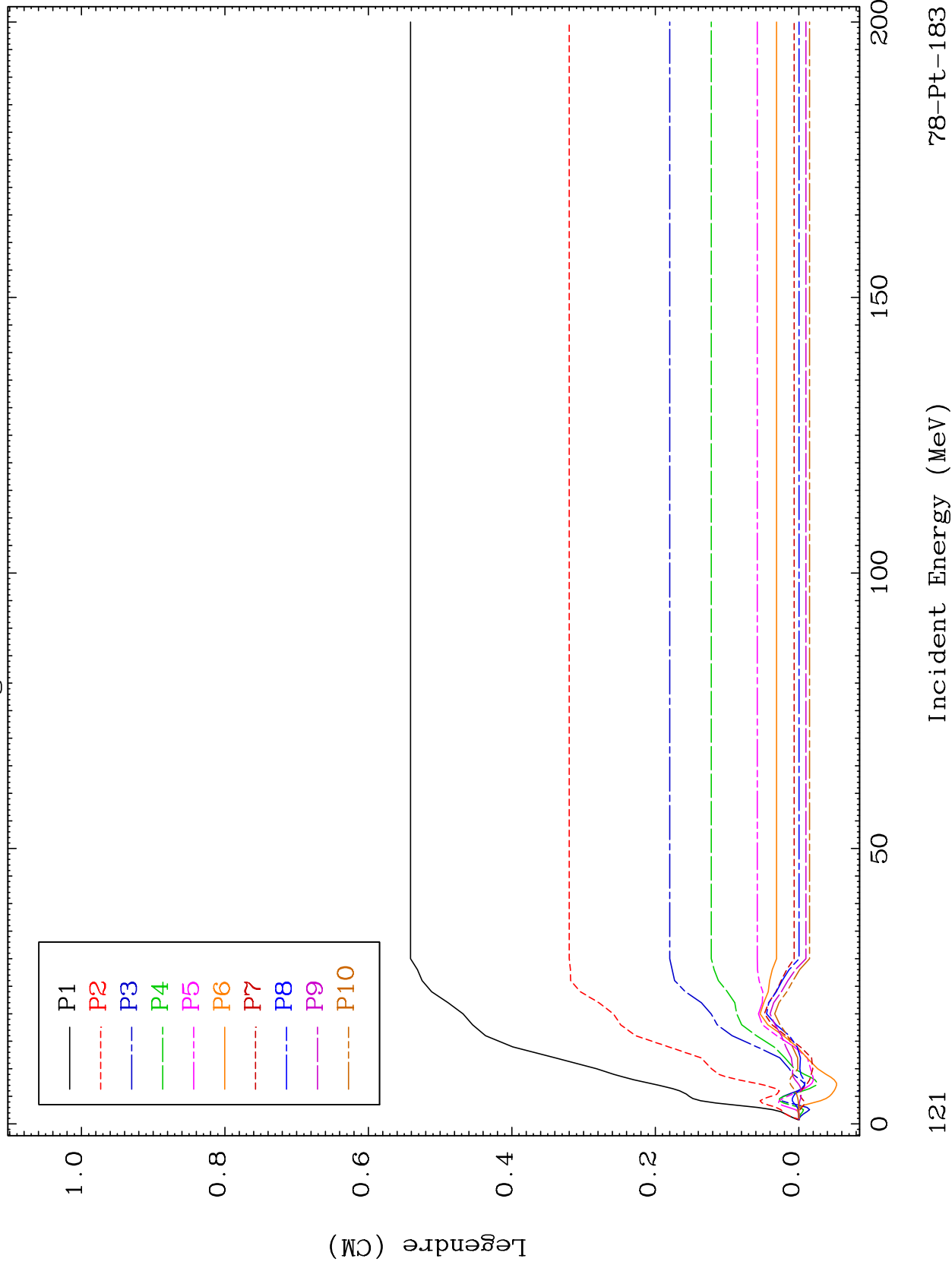
78-Pt-183



MAT 7804

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

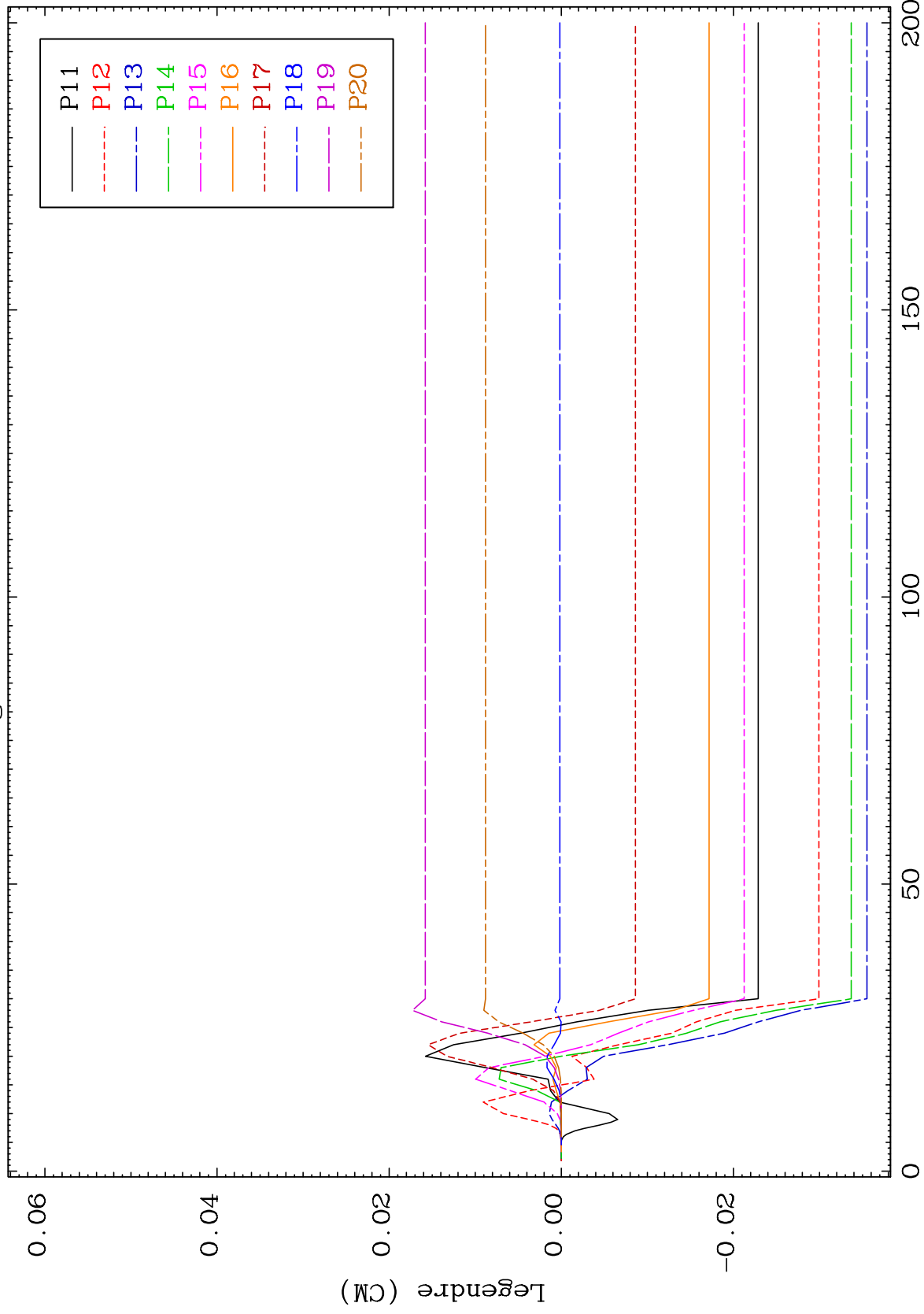
78-Pt-183



MAT 7804

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

78-Pt-183



122

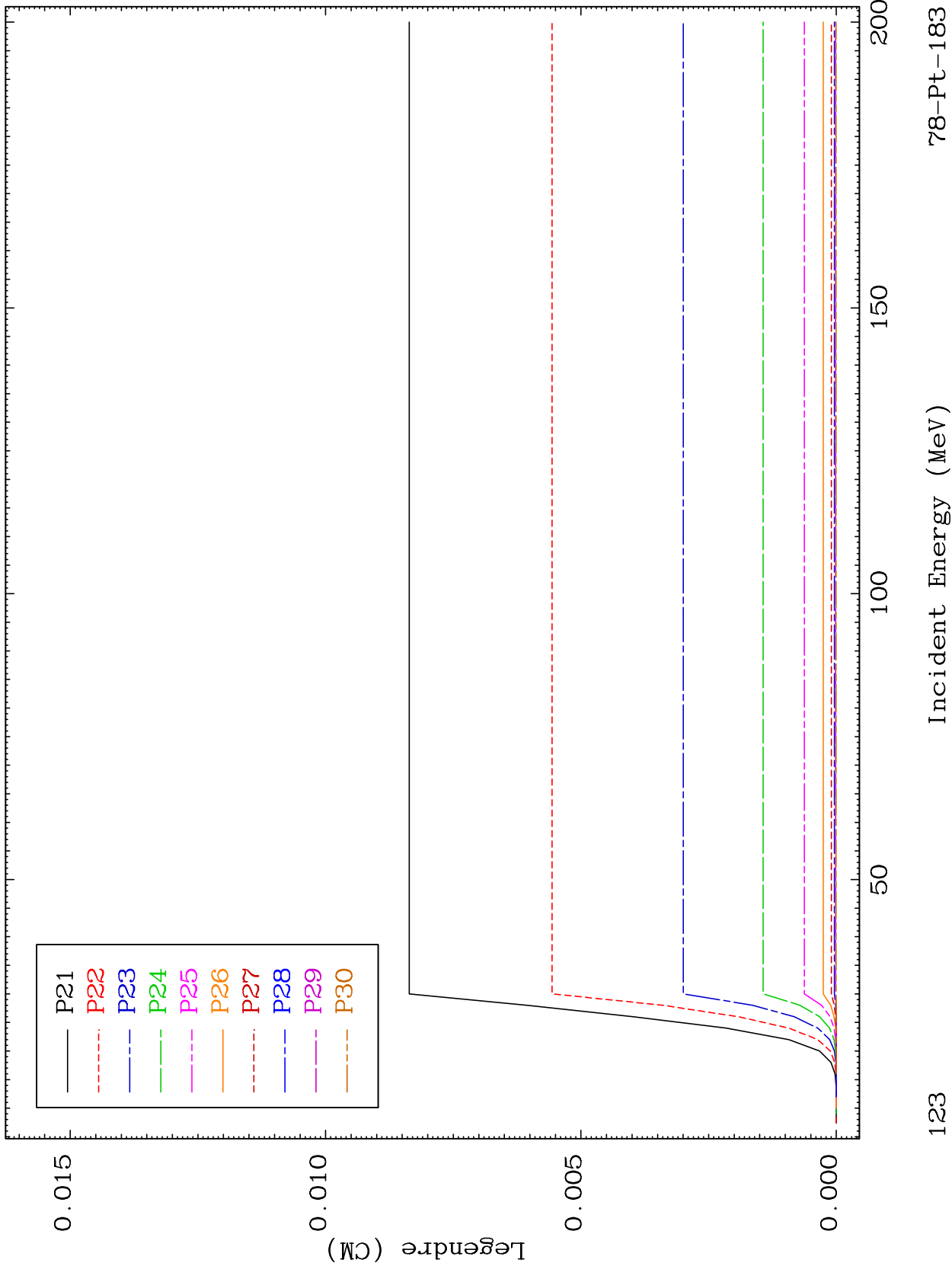
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

78-Pt-183



123

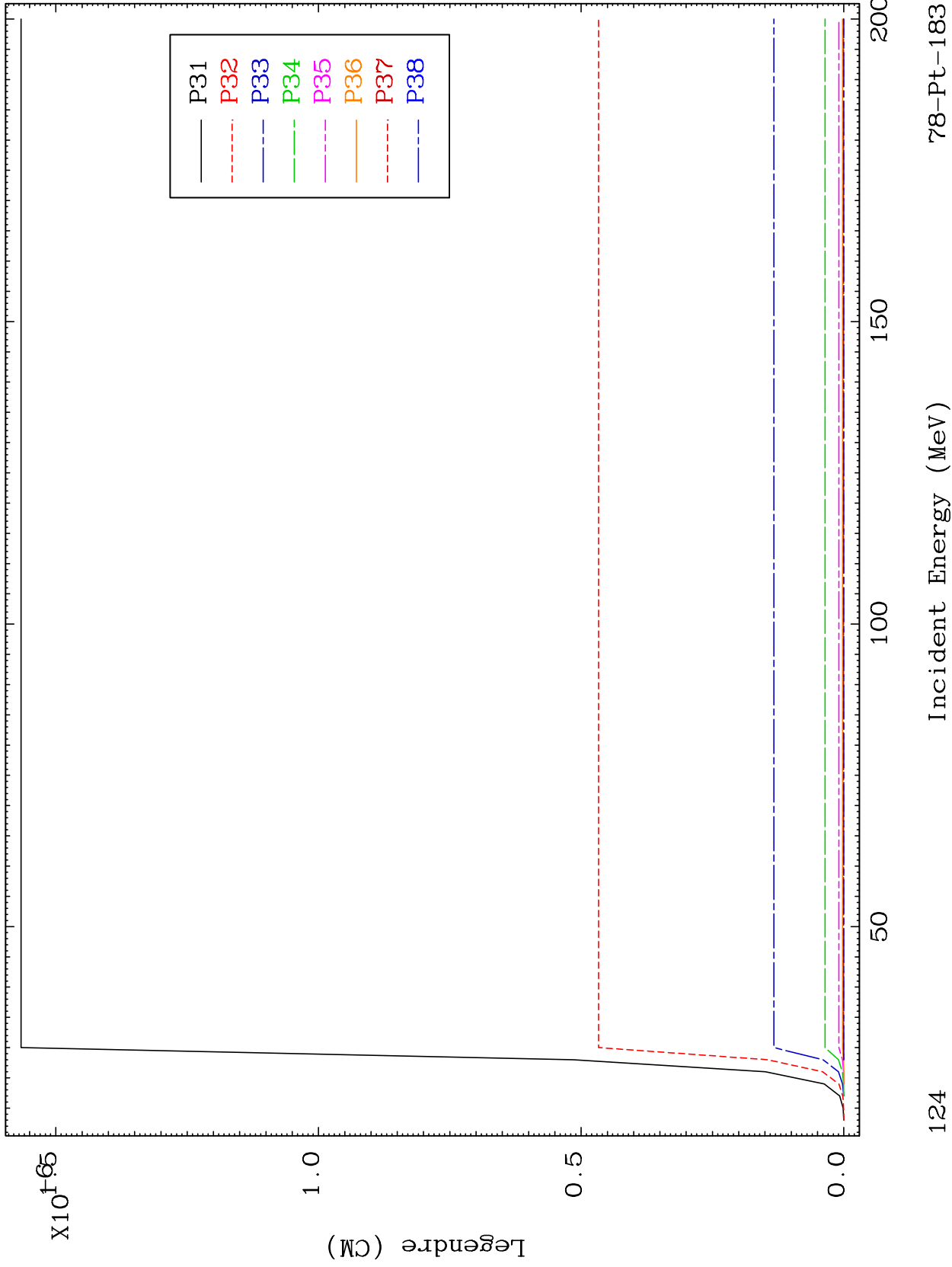
Incident Energy (MeV)

78-Pt-183

MAT 7804

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

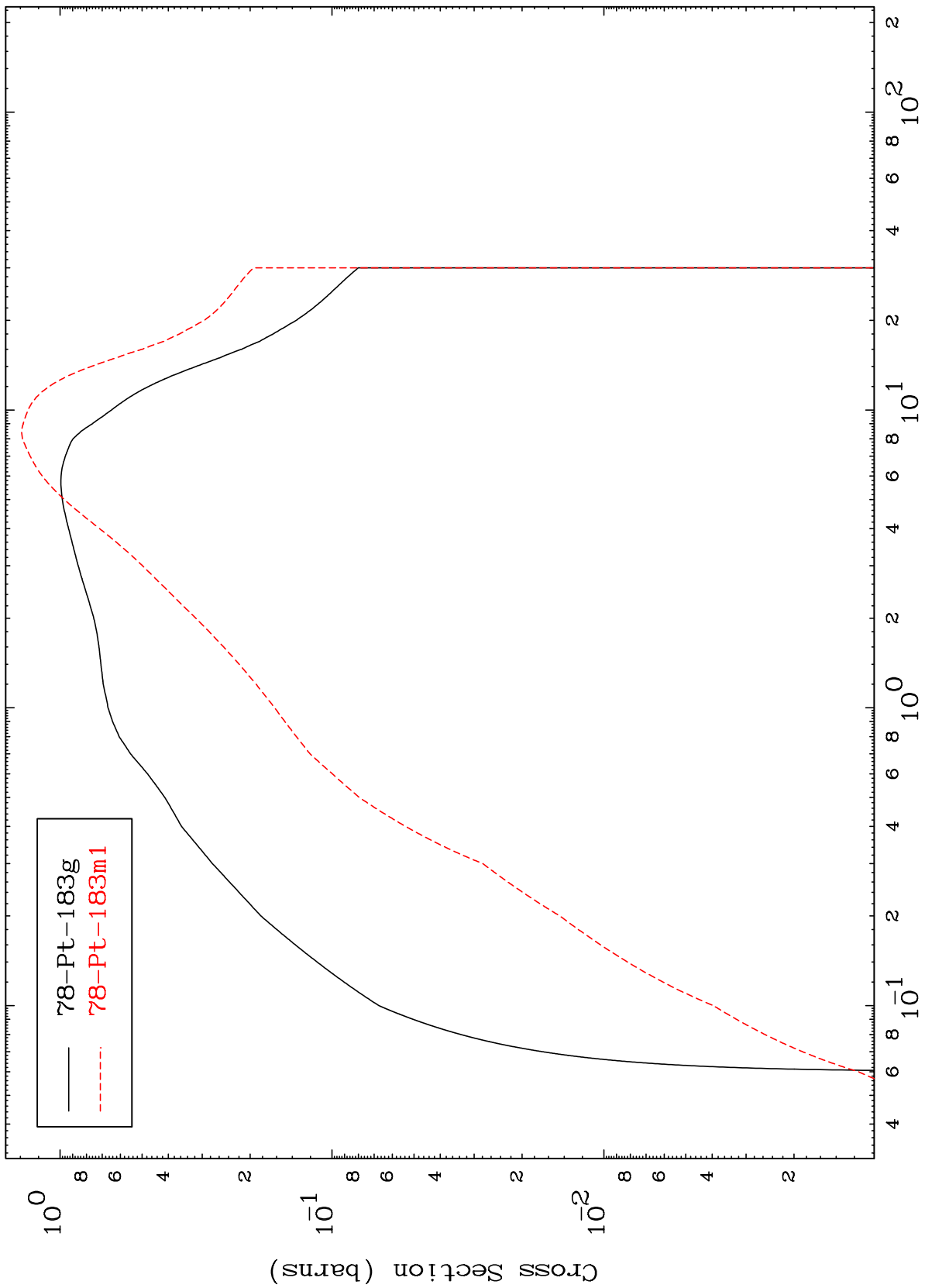
78-Pt-183



MAT 7804

78-Pt-183

Inelastic
Radionuclide Production Cross Section



78-Pt-183g
78-Pt-183m1

125

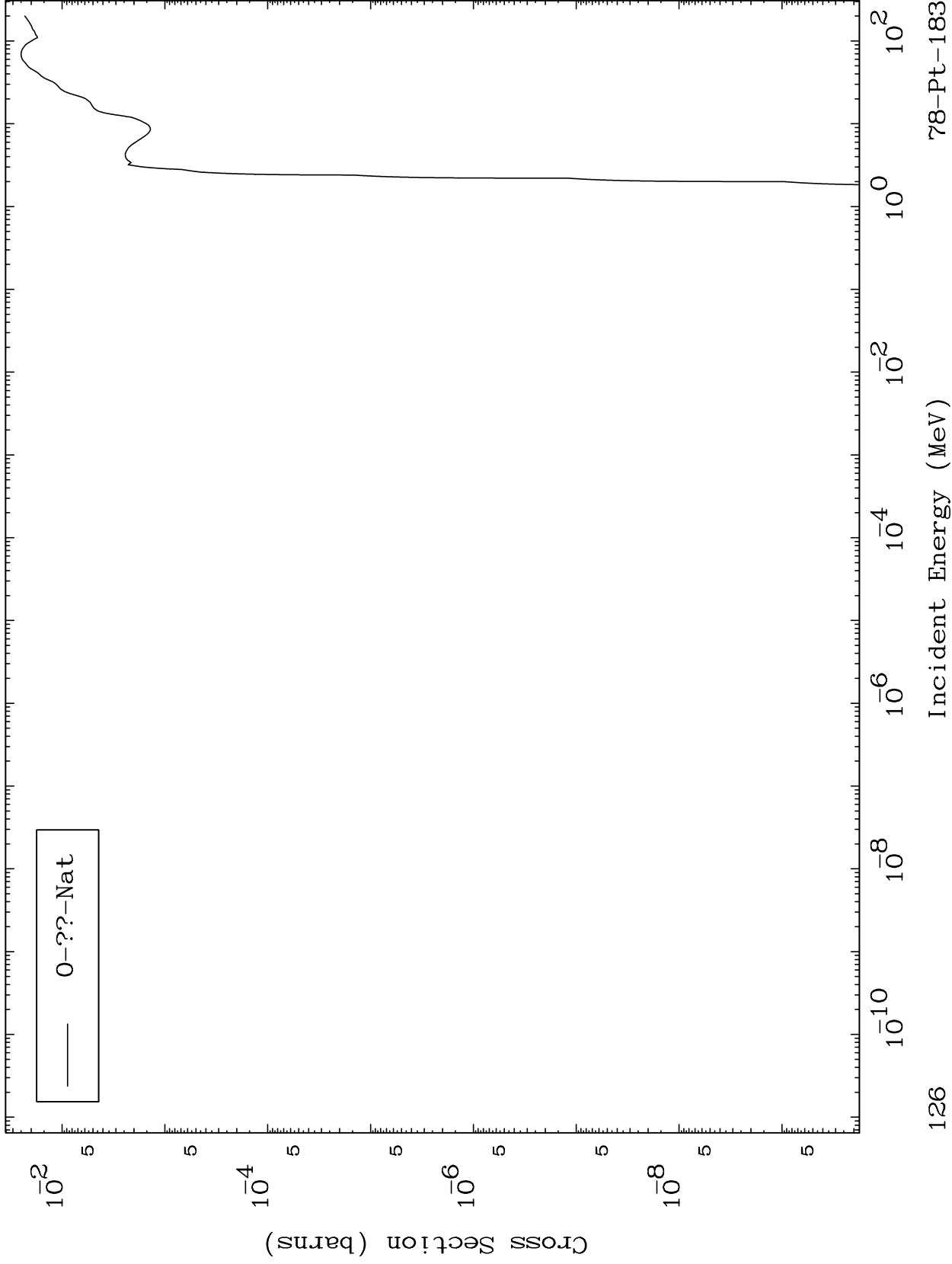
78-Pt-183

MAT 7804

Fission

78-Pt-183

Radionuclide Production Cross Section

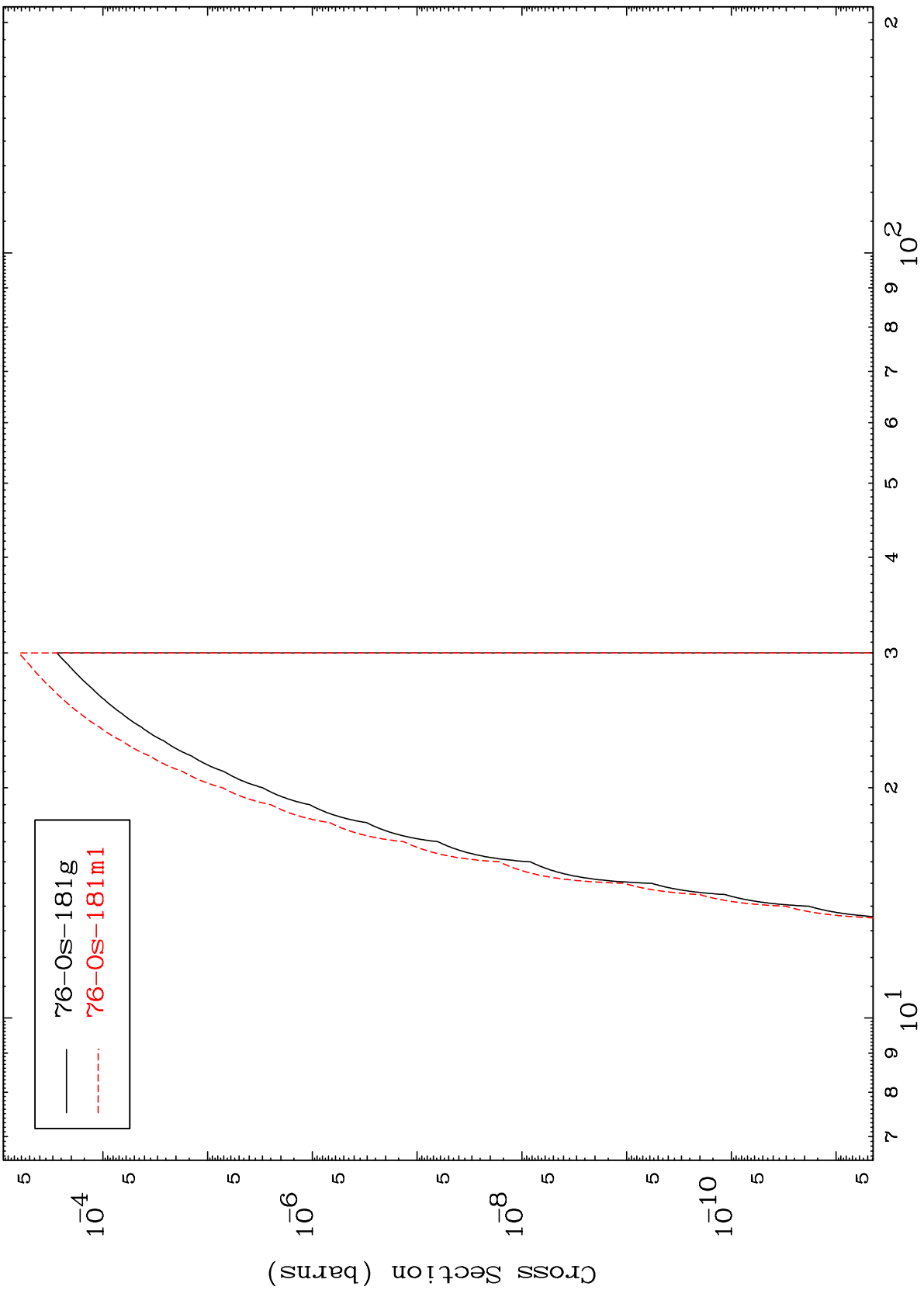


MAT 7804

(n,2n) p

78-Pt-183

Radionuclide Production Cross Section



76-Os-181g
76-Os-181m1

127

Incident Energy (MeV)

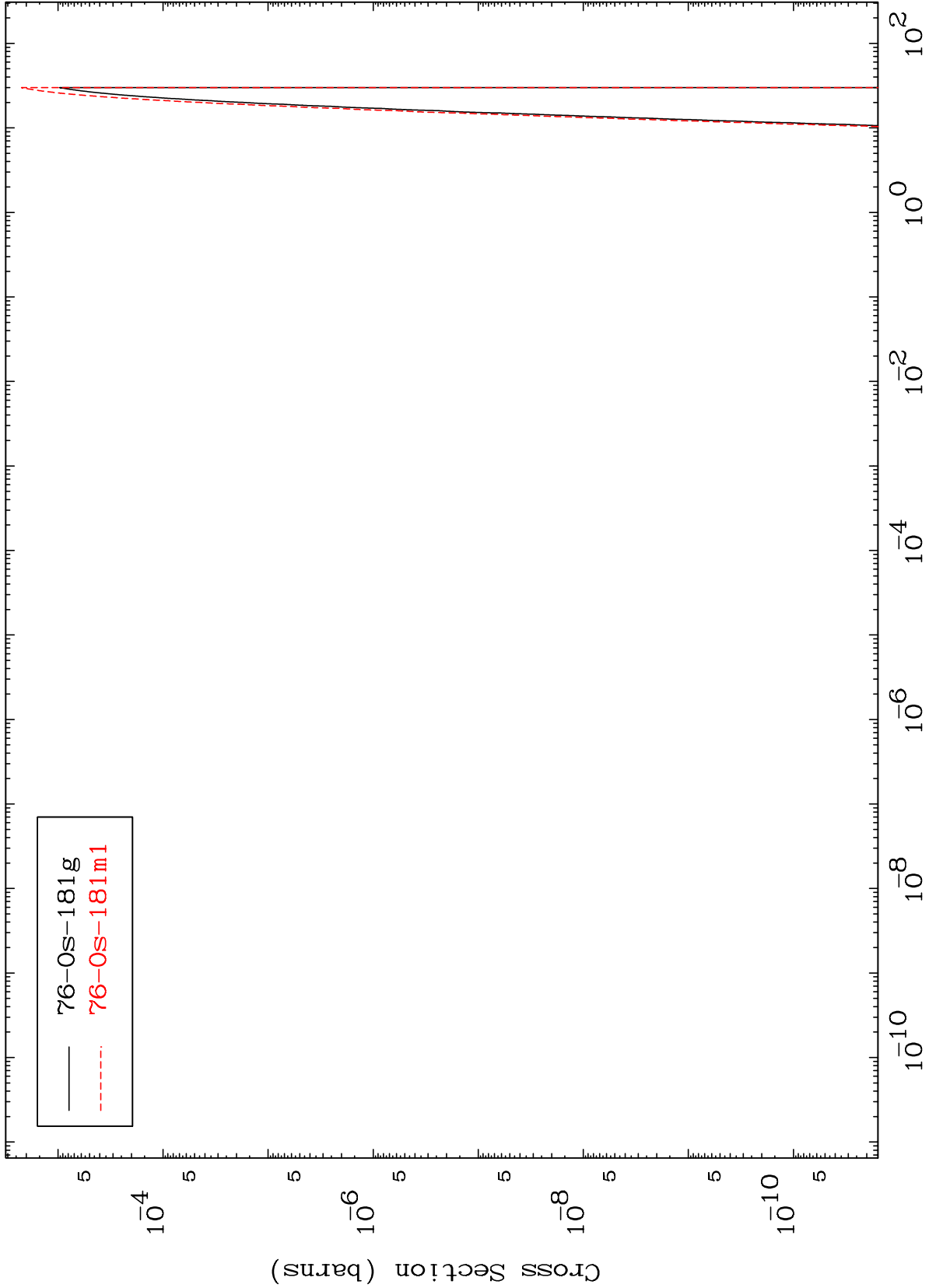
78-Pt-183

MAT 7804

(n,He-3)

78-Pt-183

Radionuclide Production Cross Section



76-0s-181g
76-0s-181m1

Radionuclide Production Cross Section

