

Program EVALPLOT
(Version 2021-1)

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

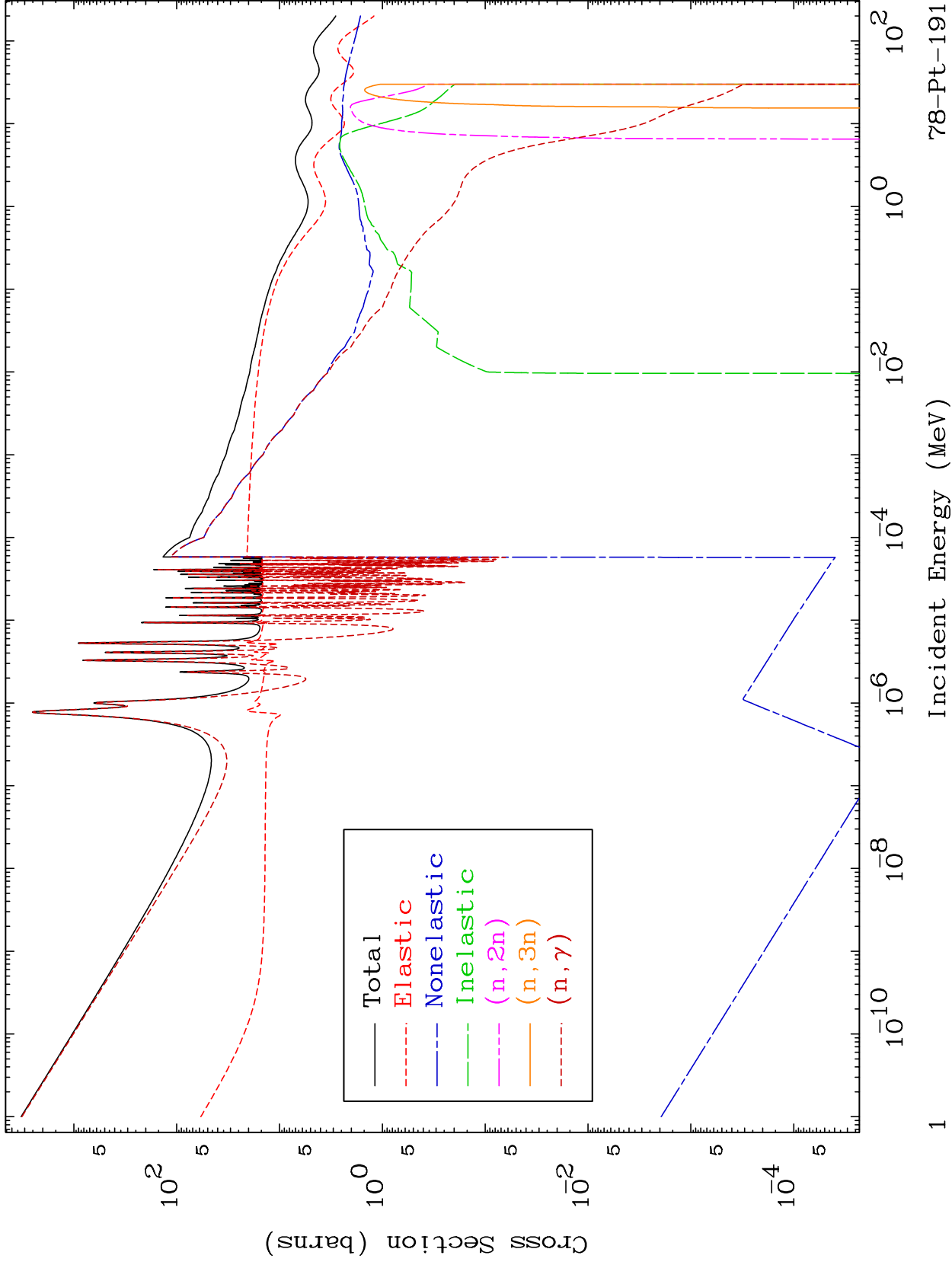
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7828

Neutron Major
293 Kelvin Cross Sections

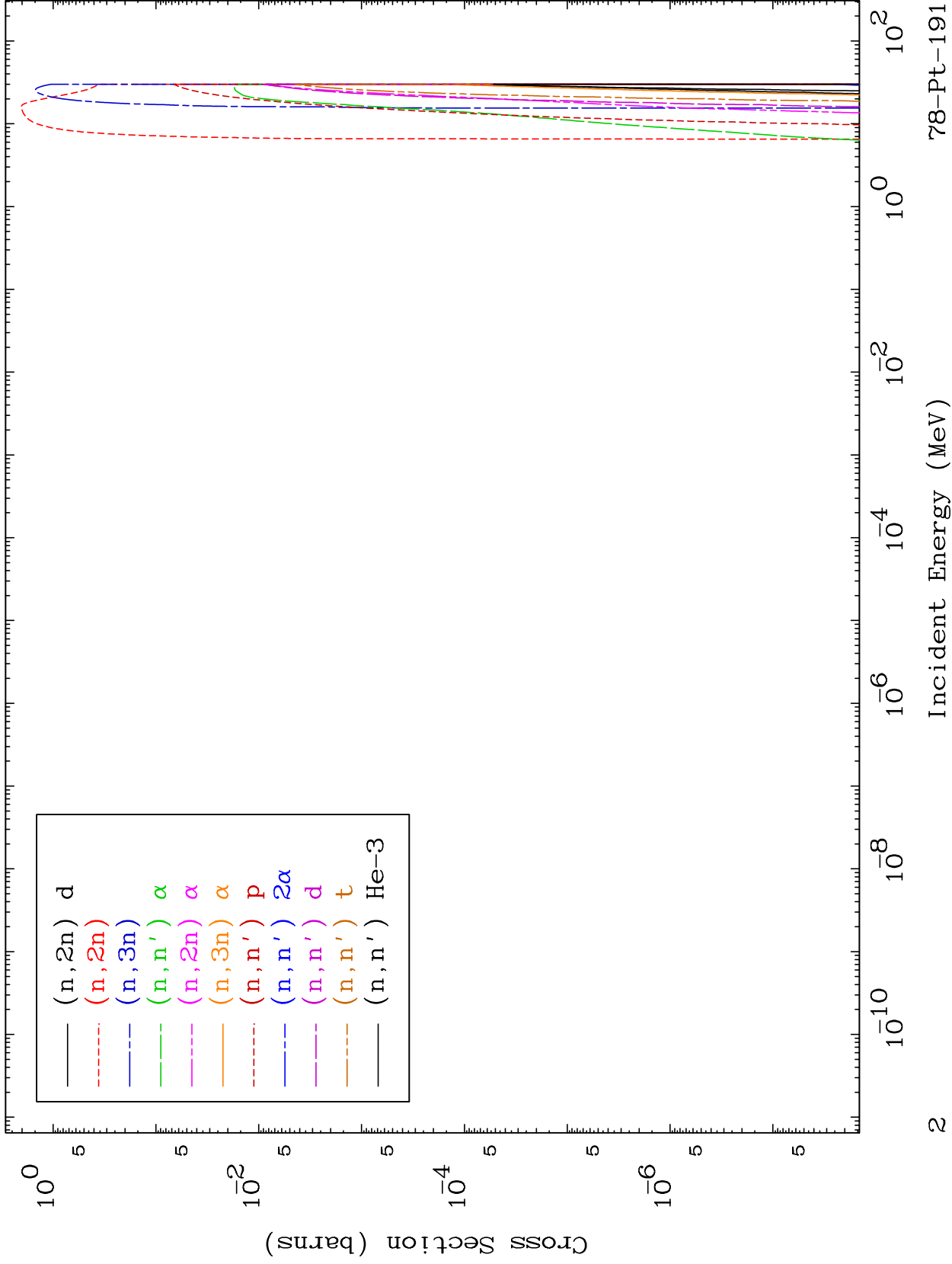
78-Pt-191



MAT 7828

Neutron Absorption
293 Kelvin Cross Sections

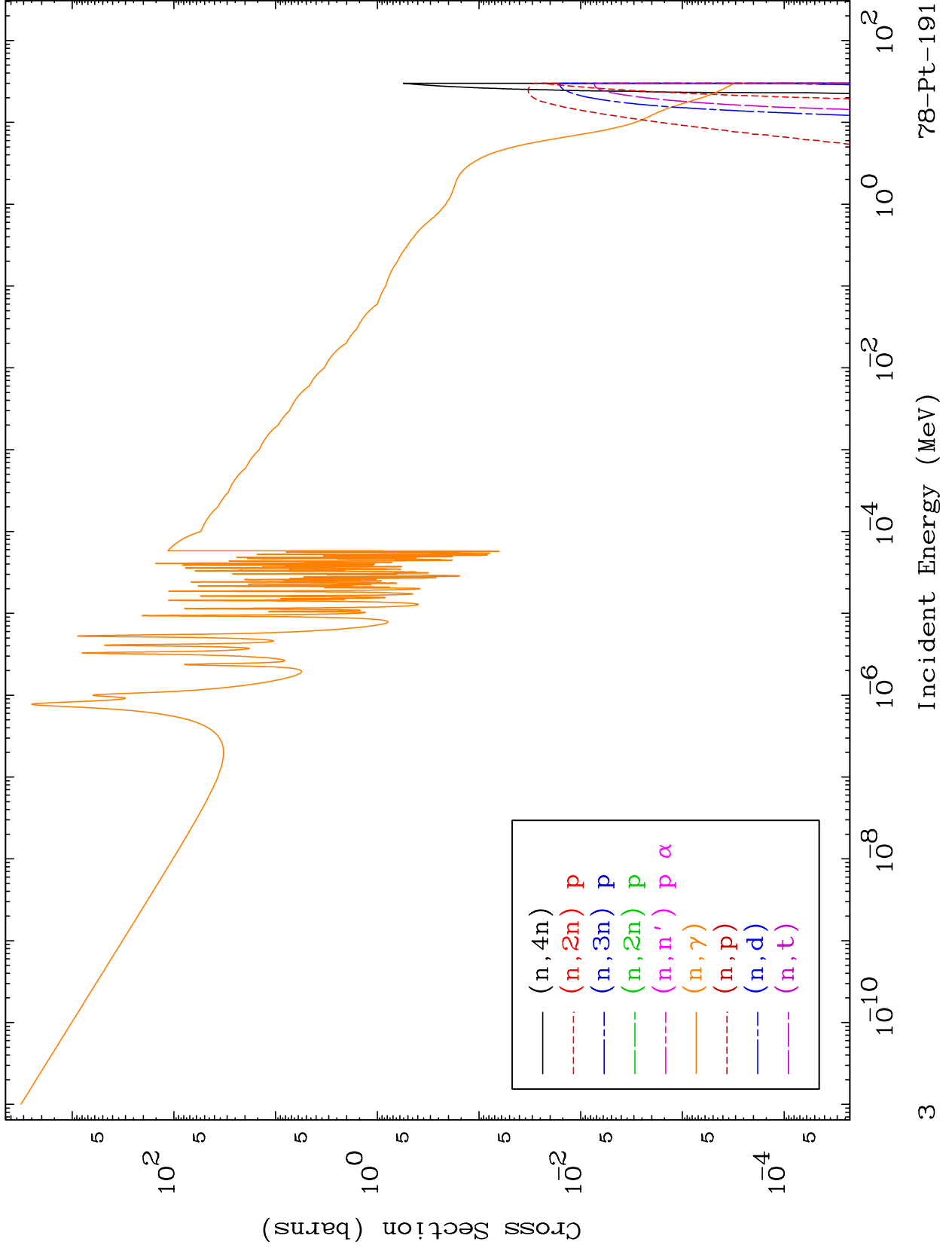
78-Pt-191



MAT 7828

Neutron Absorption
293 Kelvin Cross Sections

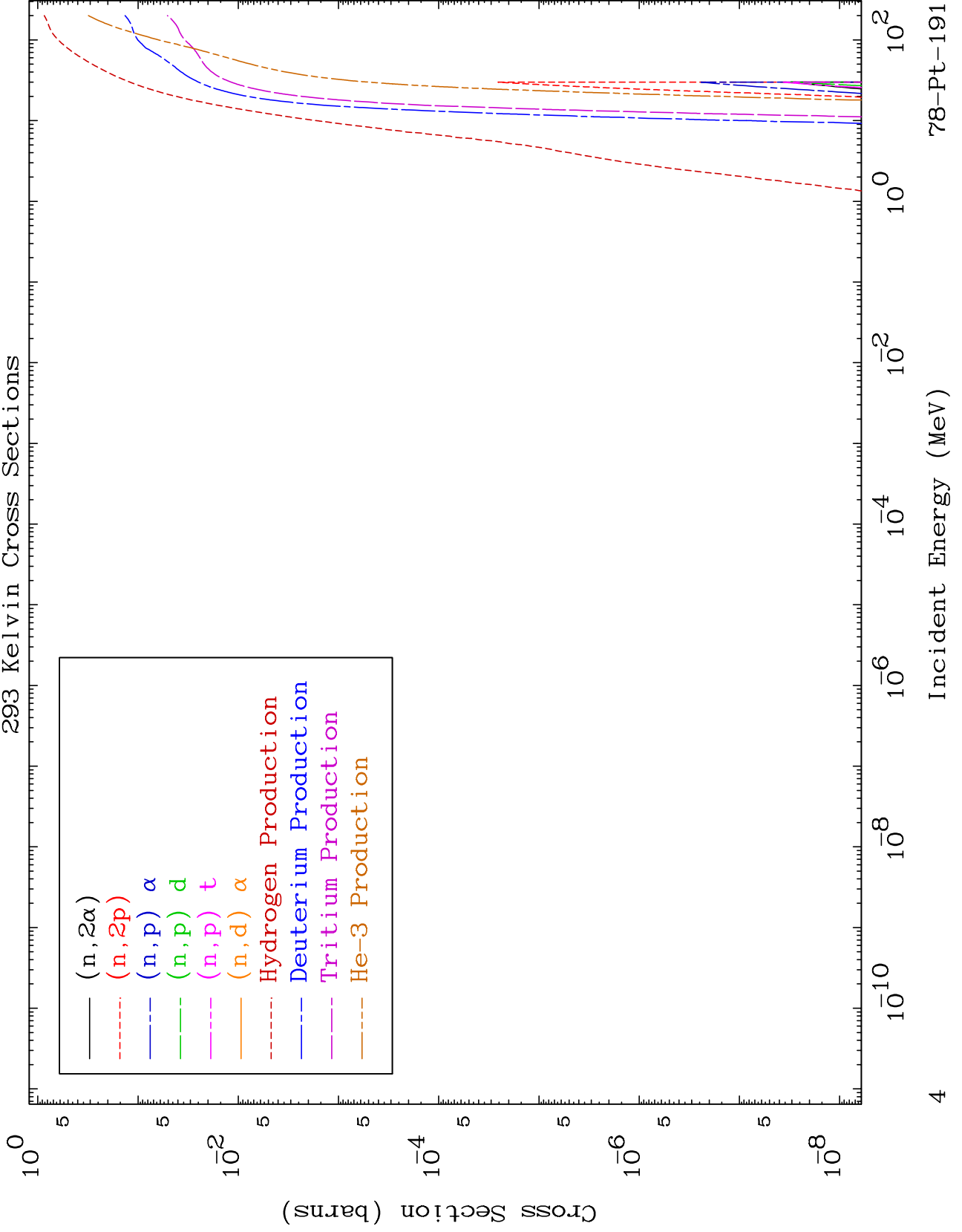
78-Pt-191



MAT 7828

Neutron Absorption
293 Kelvin Cross Sections

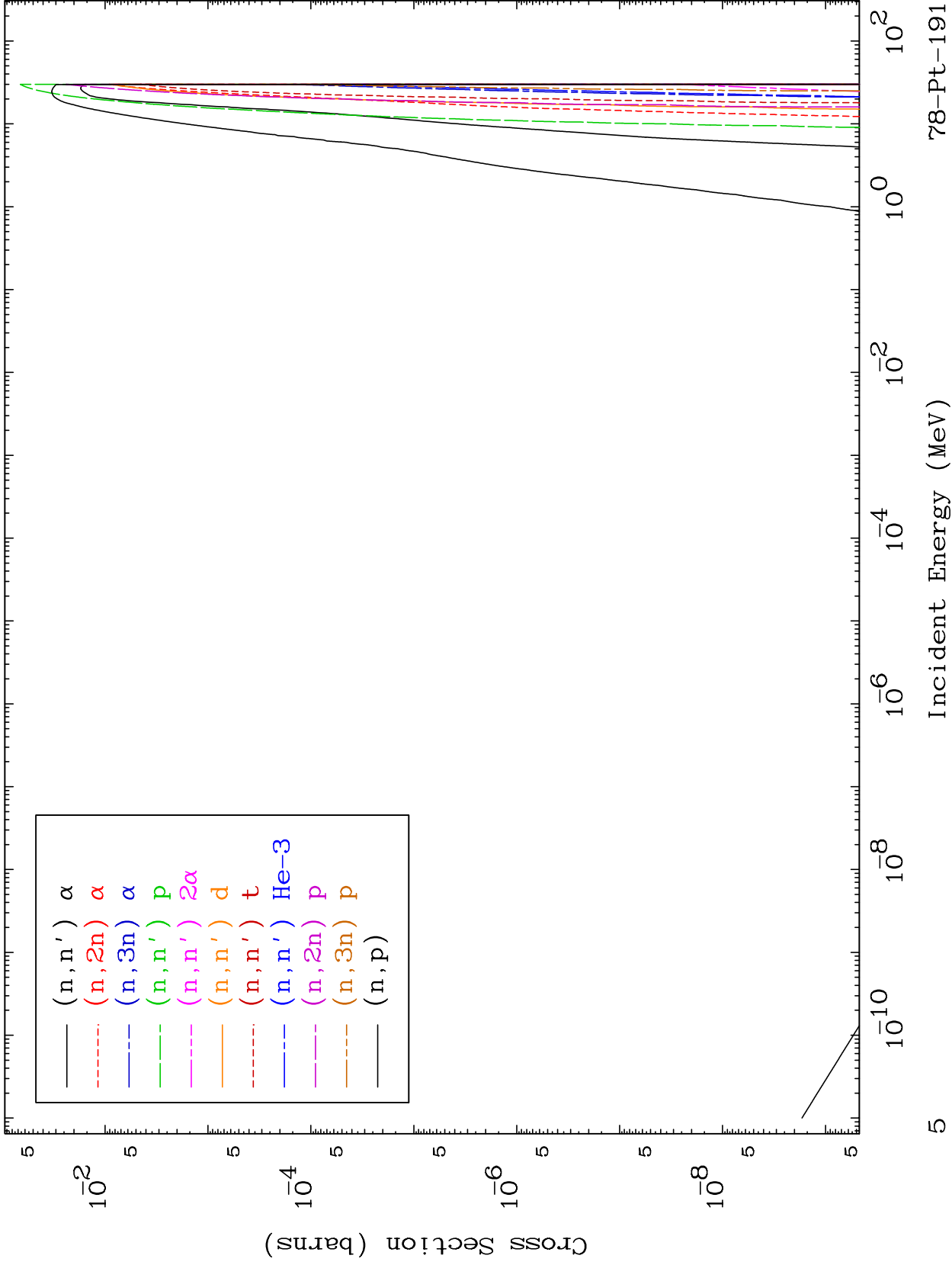
78-Pt-191



MAT 7828

Charged Particle
293 Kelvin Cross Sections

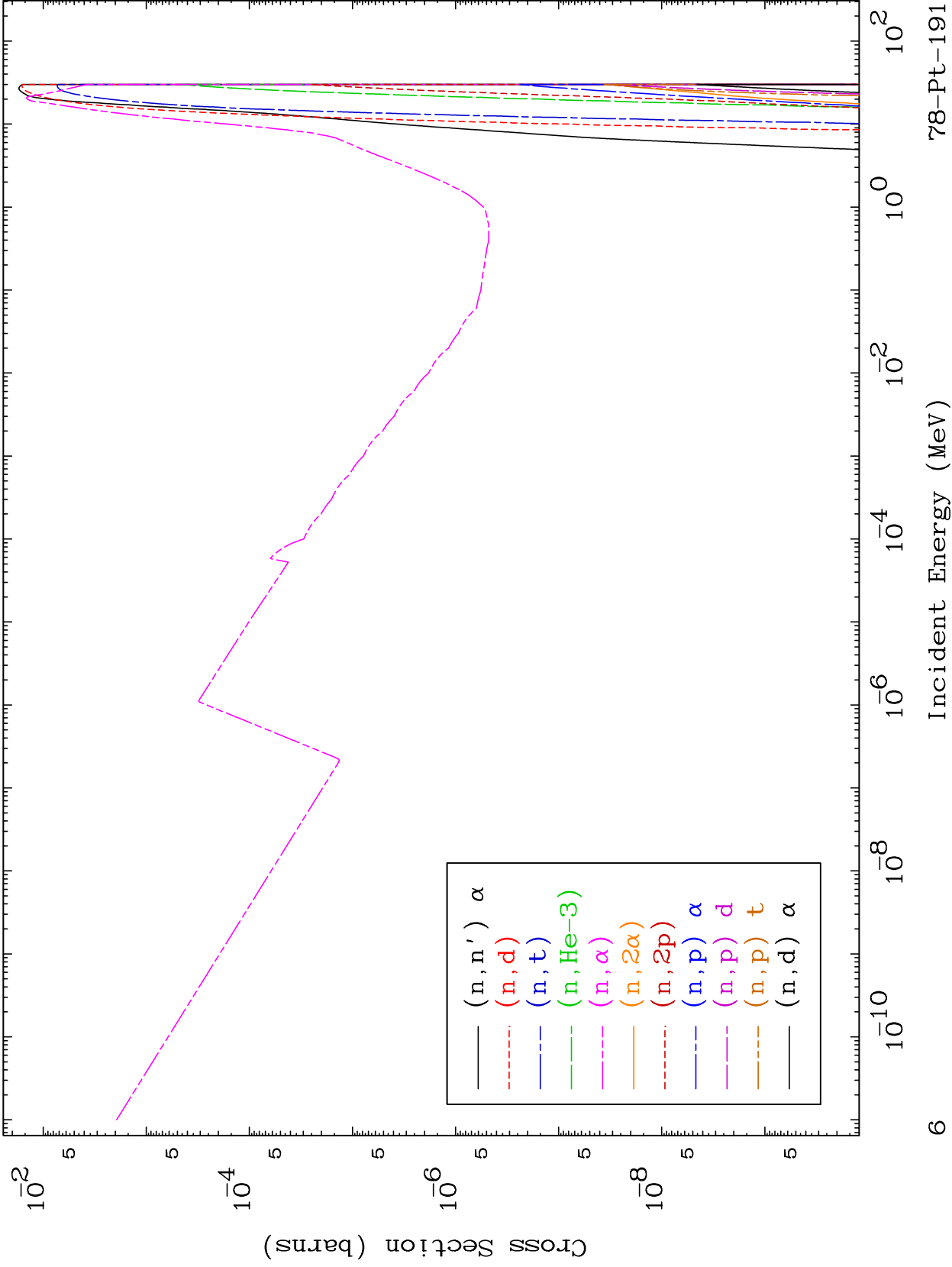
78-Pt-191



MAT 7828

Charged Particle
293 Kelvin Cross Sections

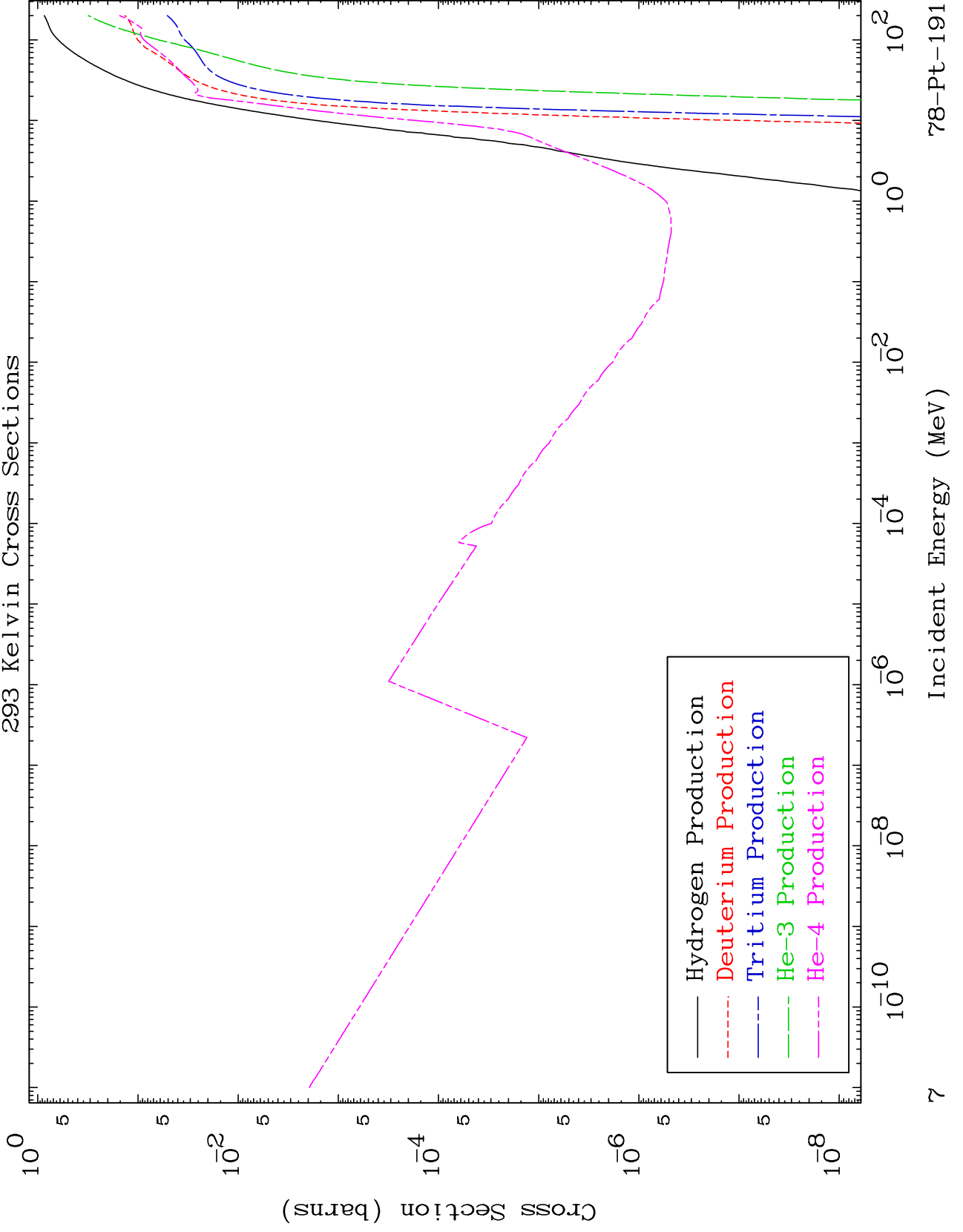
78-Pt-191



MAT 7828

Particle Production
293 Kelvin Cross Sections

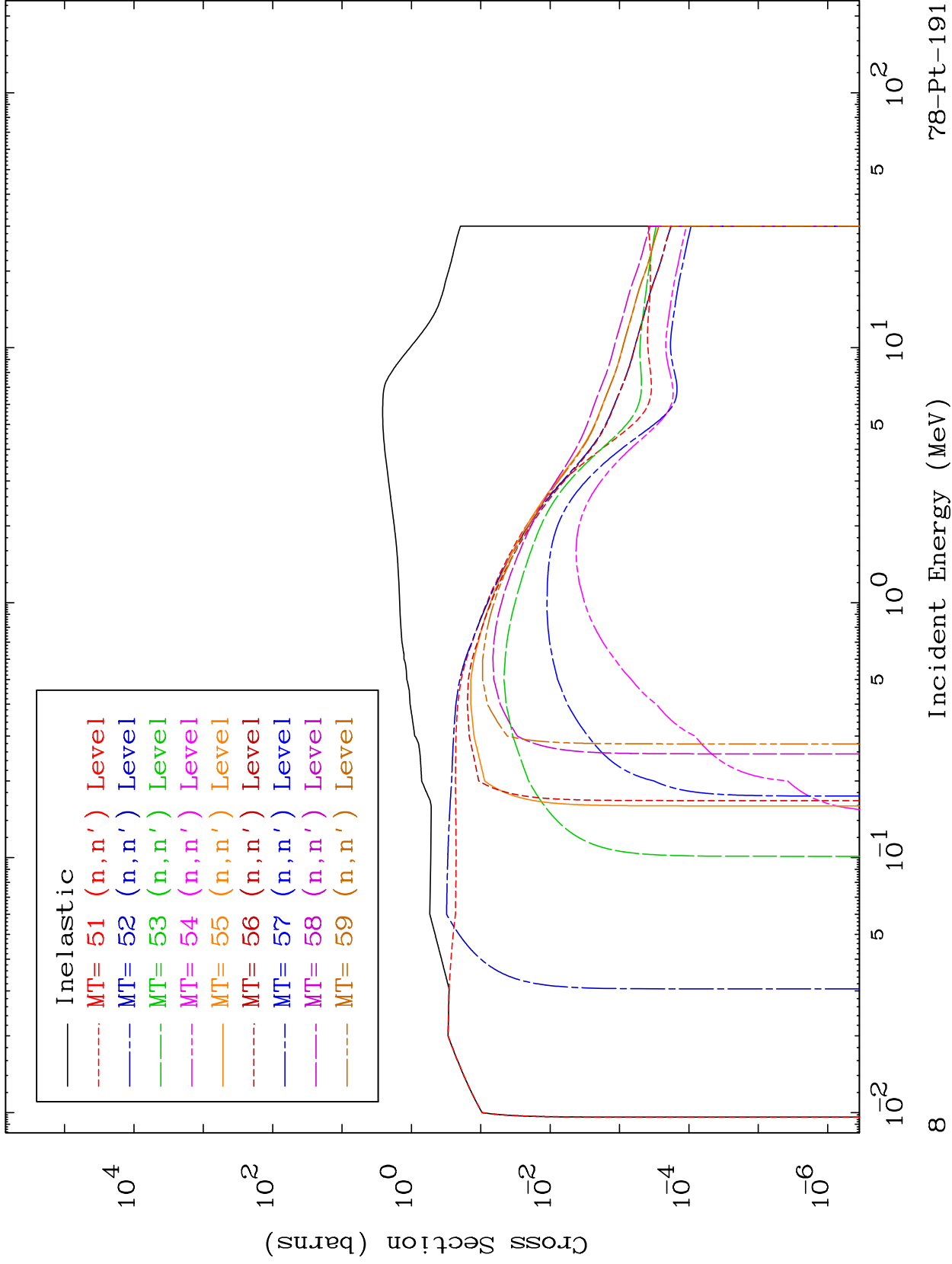
78-Pt-191



MAT 7828

(n,n') Levels
293 Kelvin Cross Sections

78-Pt-191

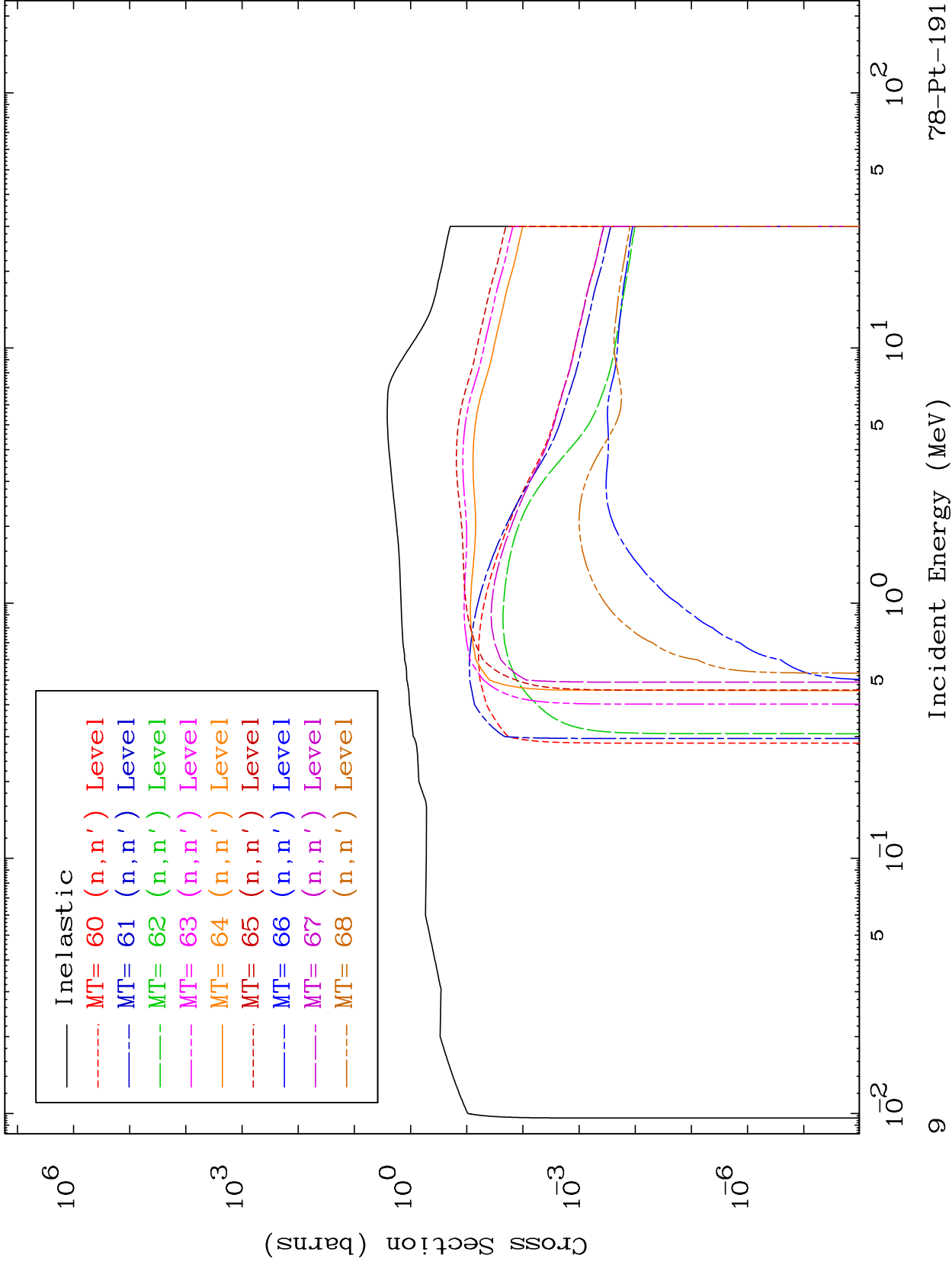


78-Pt-191

MAT 7828

(n,n') Levels
293 Kelvin Cross Sections

78-Pt-191



78-Pt-191

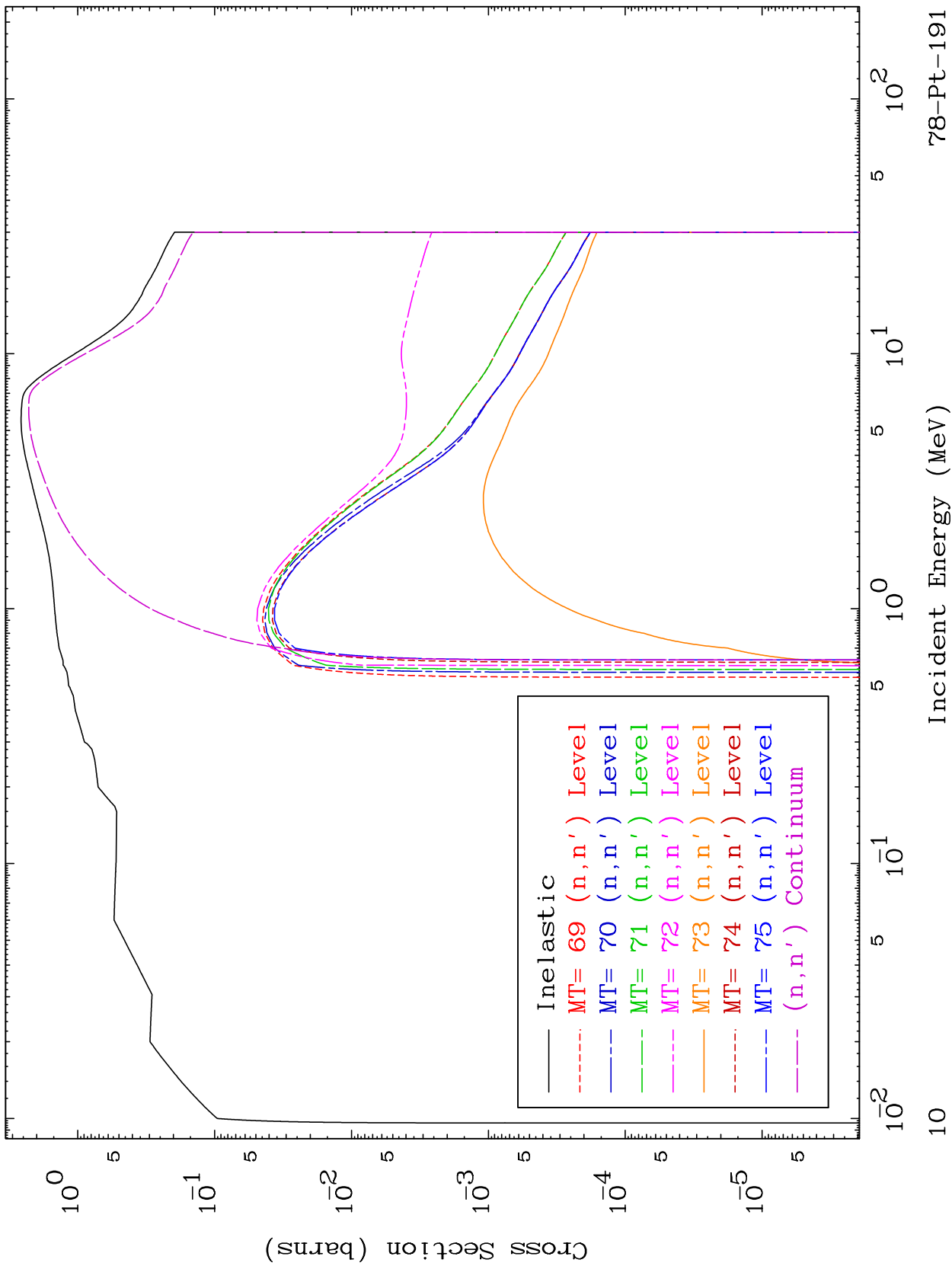
Incident Energy (MeV)

9

MAT 7828

78-Pt-191

293 Kelvin Cross Sections
(n,n') Levels

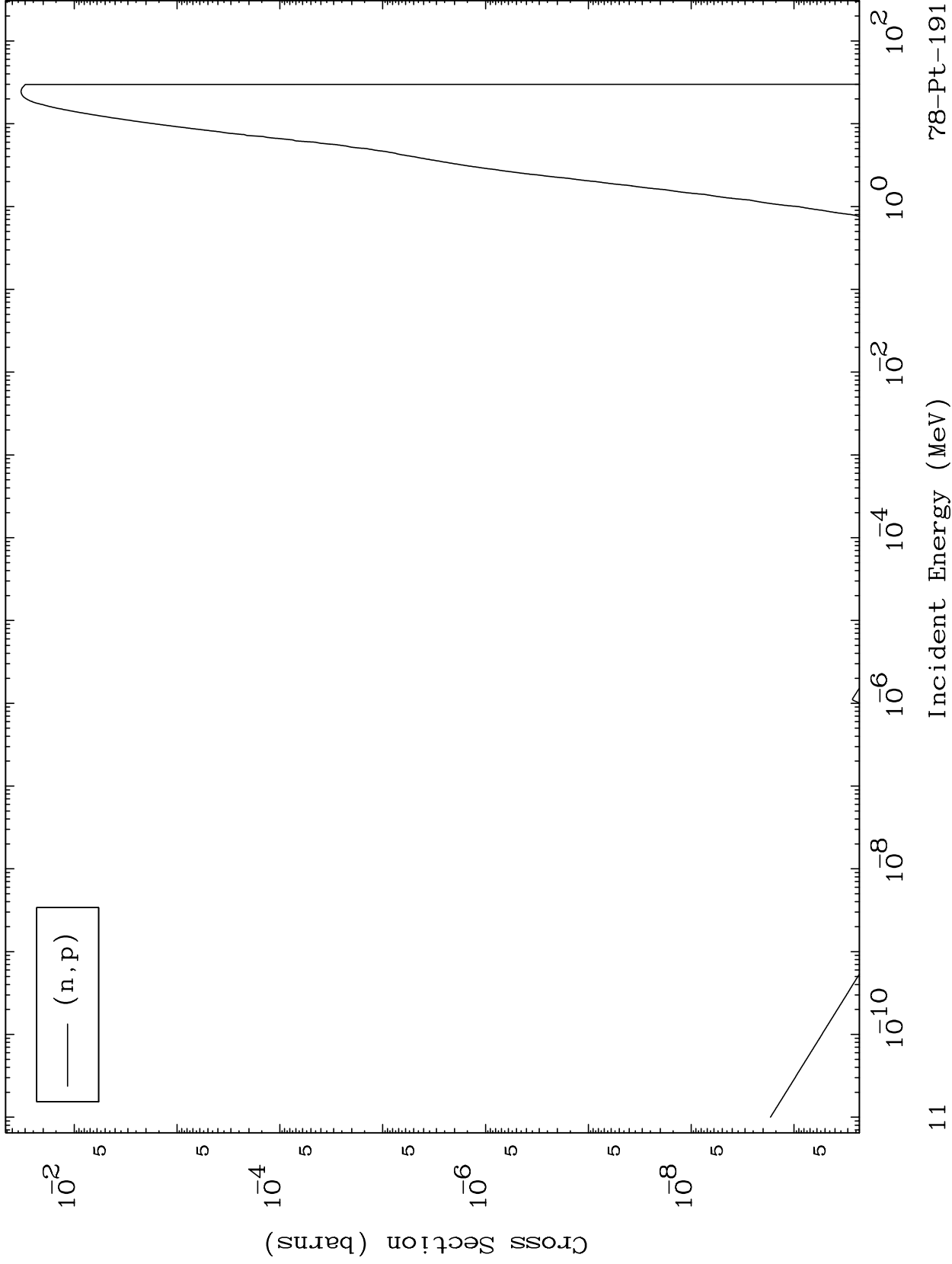


78-Pt-191

MAT 7828

(n,p) Levels
293 Kelvin Cross Sections

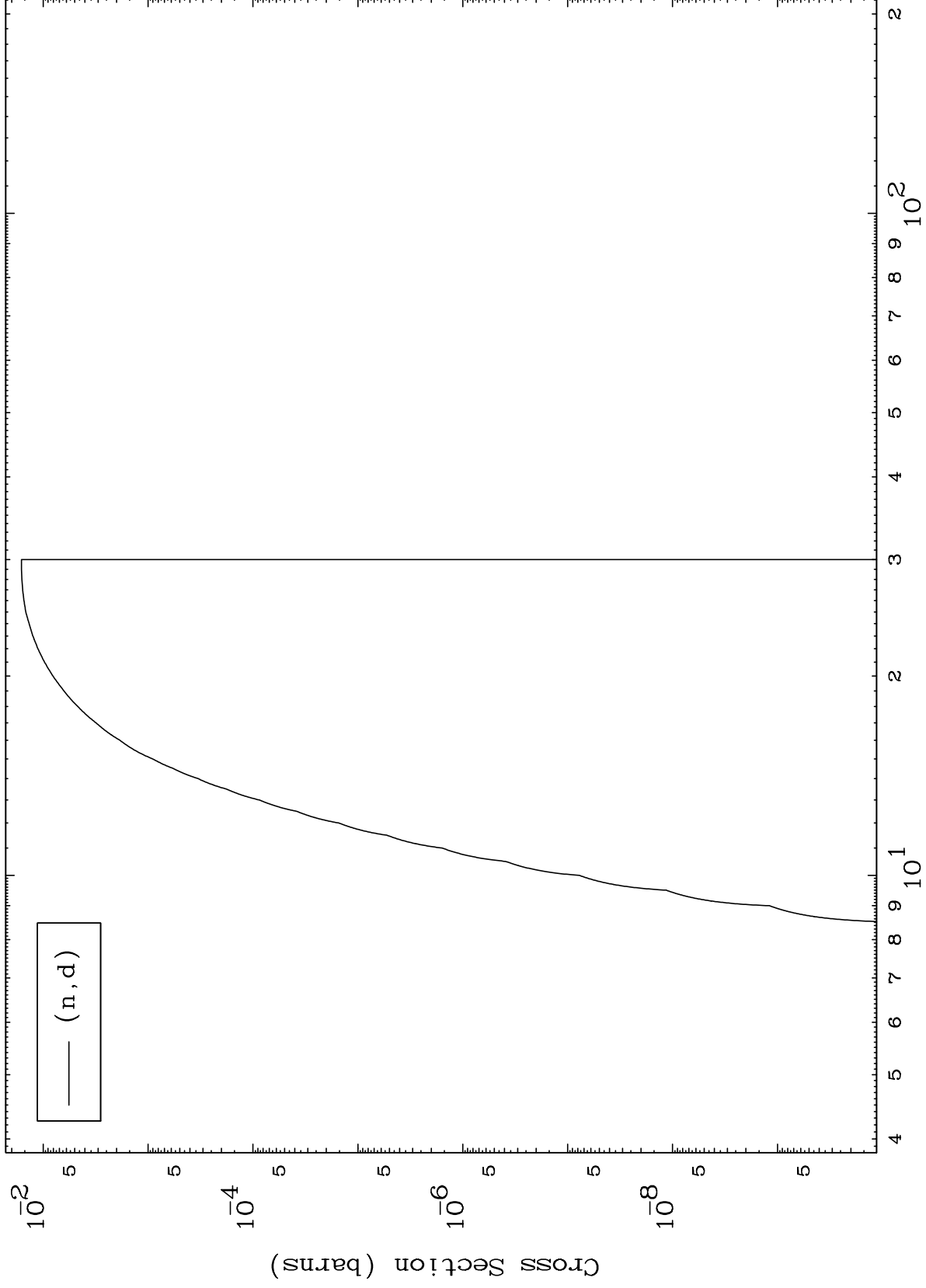
78-Pt-191



MAT 7828

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-191



12

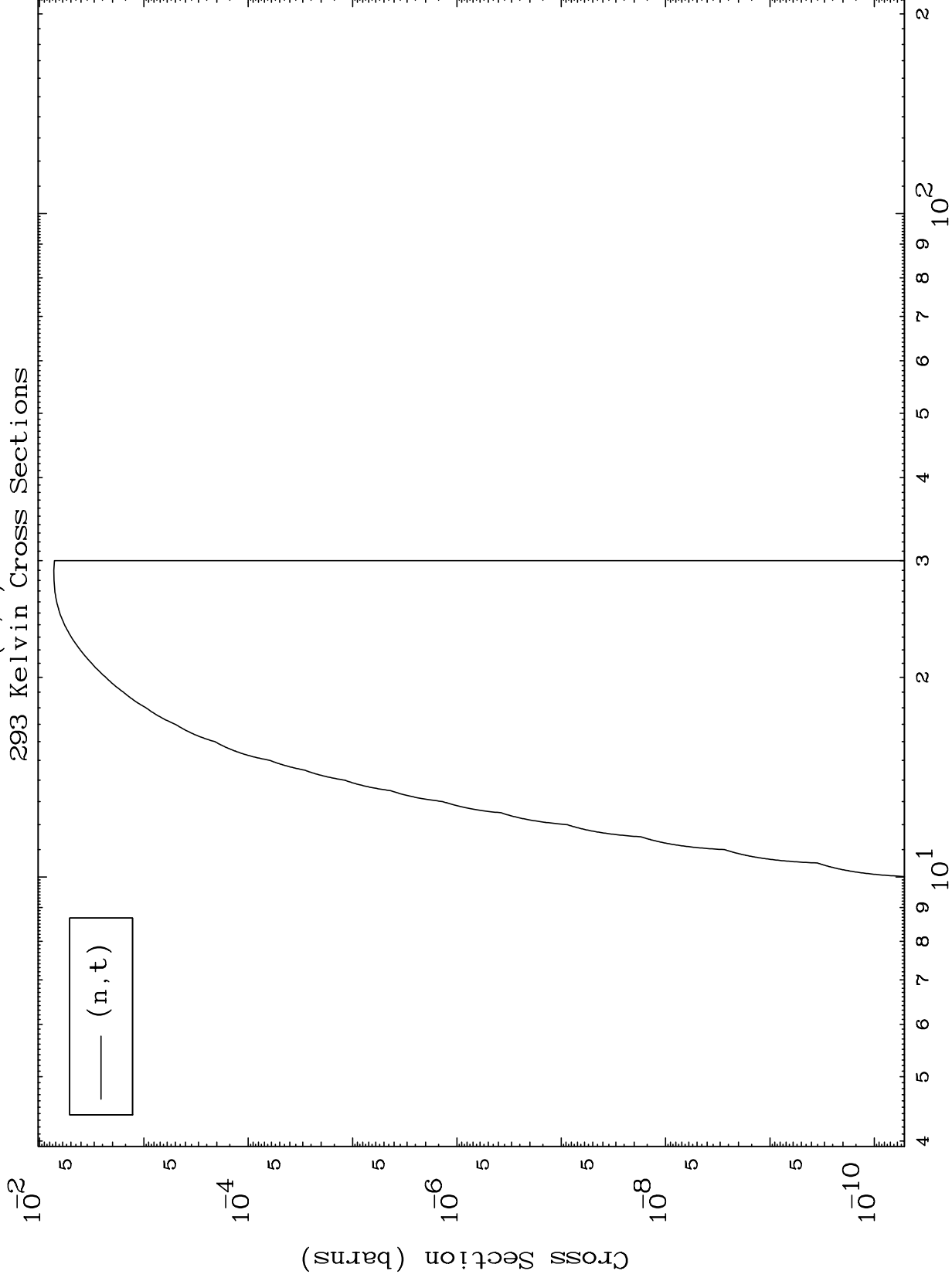
Incident Energy (MeV)

78-Pt-191

MAT 7828

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-191



13

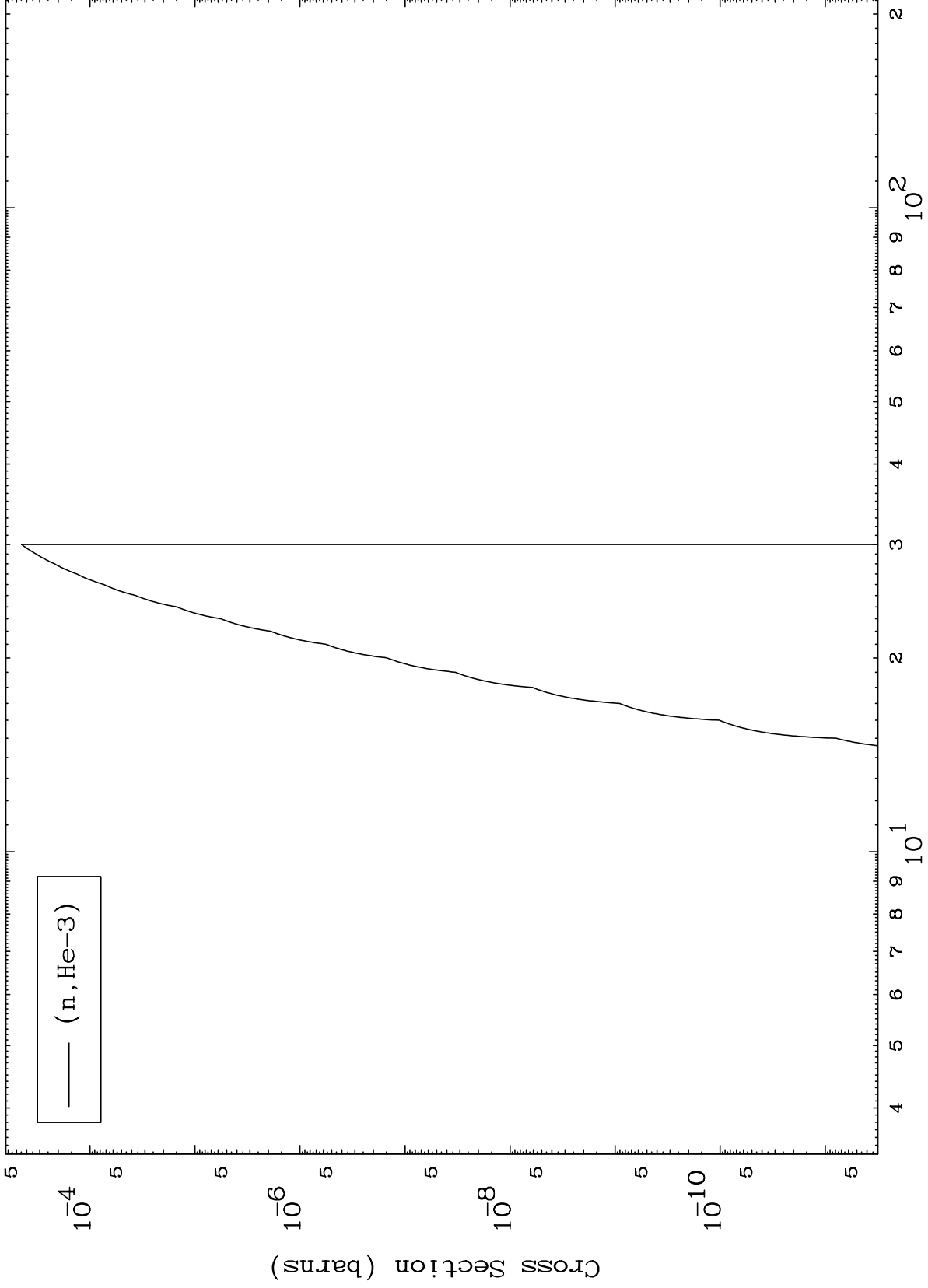
Incident Energy (MeV)

78-Pt-191

MAT 7828

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-191



(n, He-3)

14

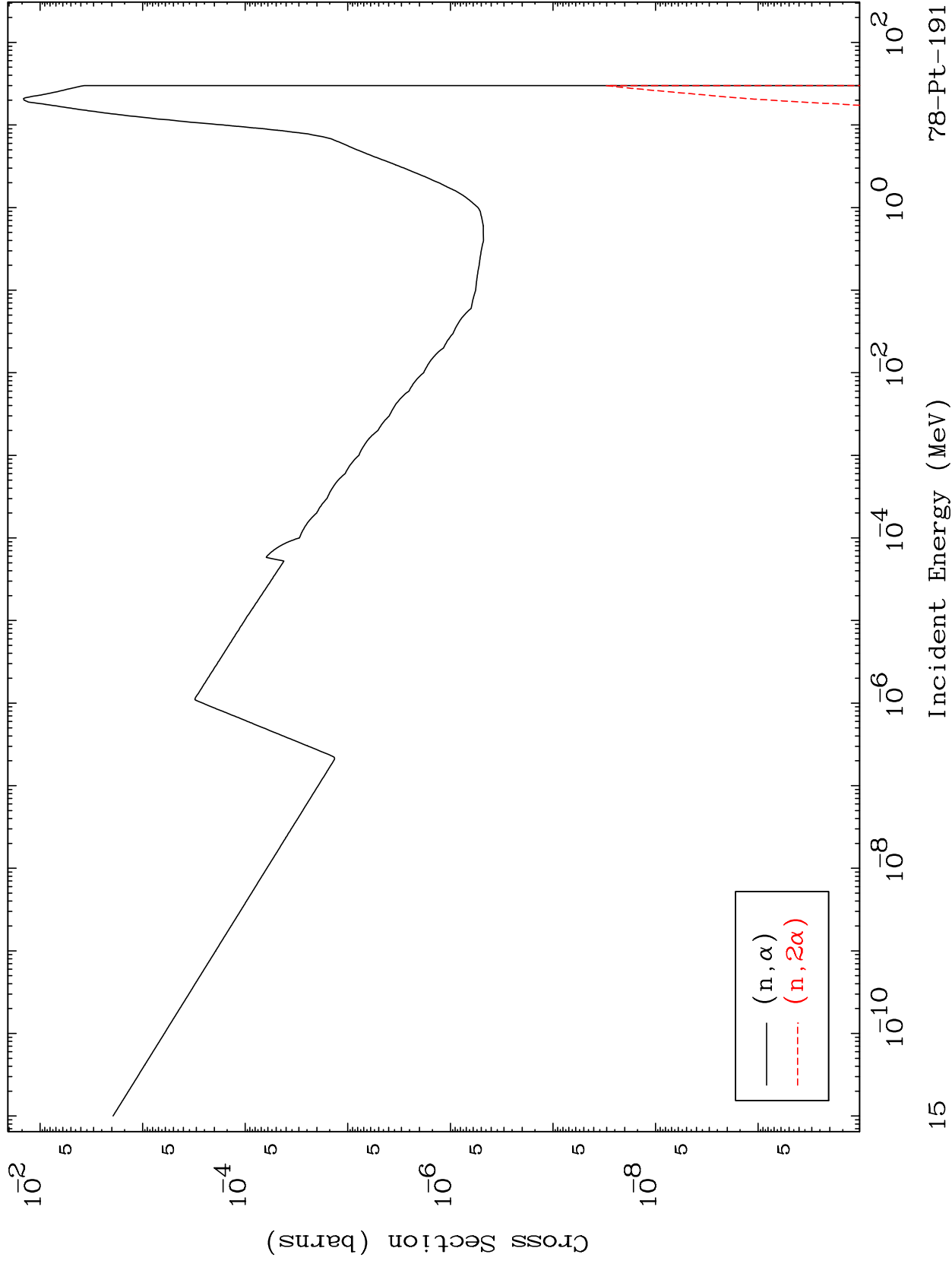
Incident Energy (MeV)

78-Pt-191

MAT 7828

(n,α) Levels
293 Kelvin Cross Sections

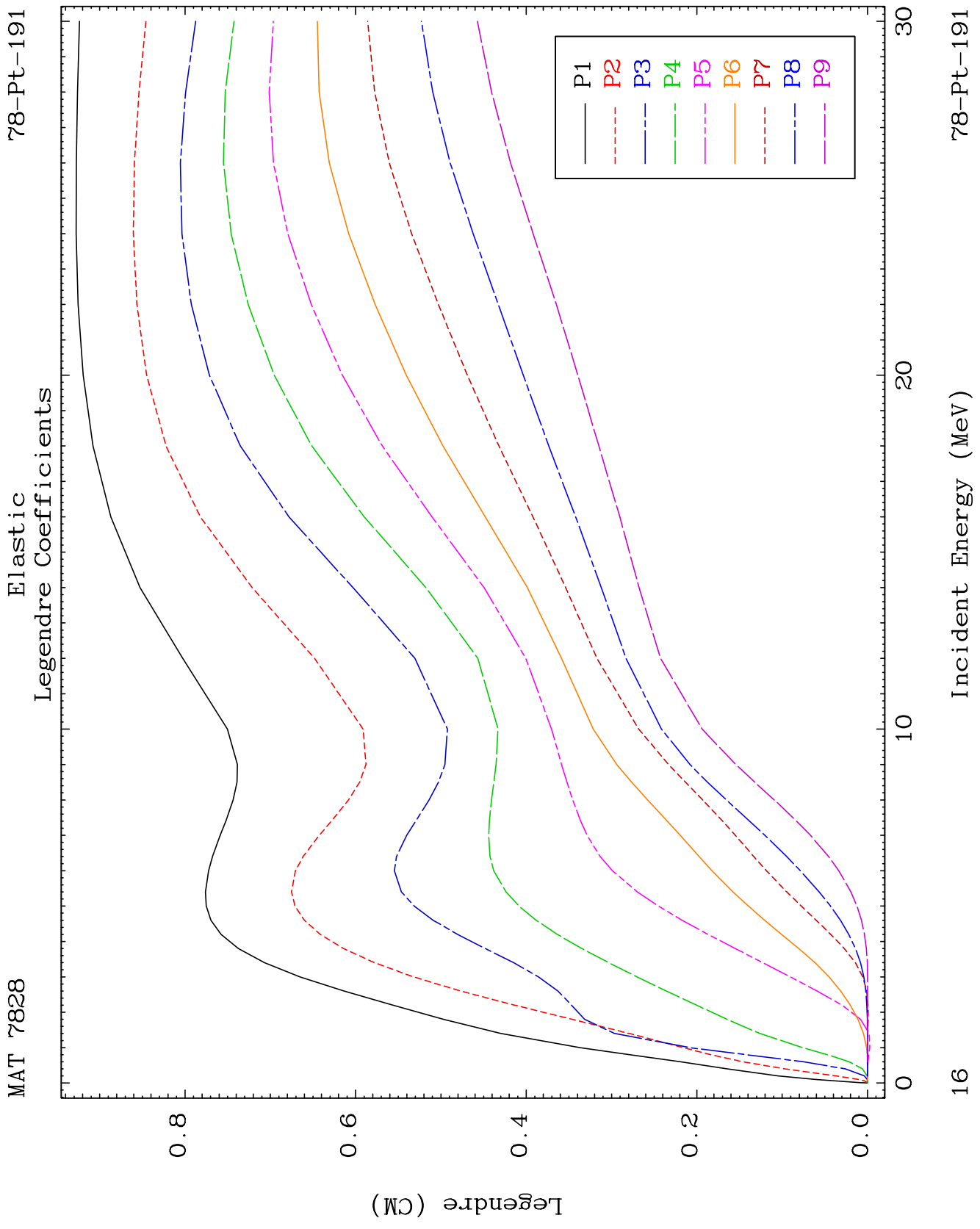
78-Pt-191



15

Incident Energy (MeV)

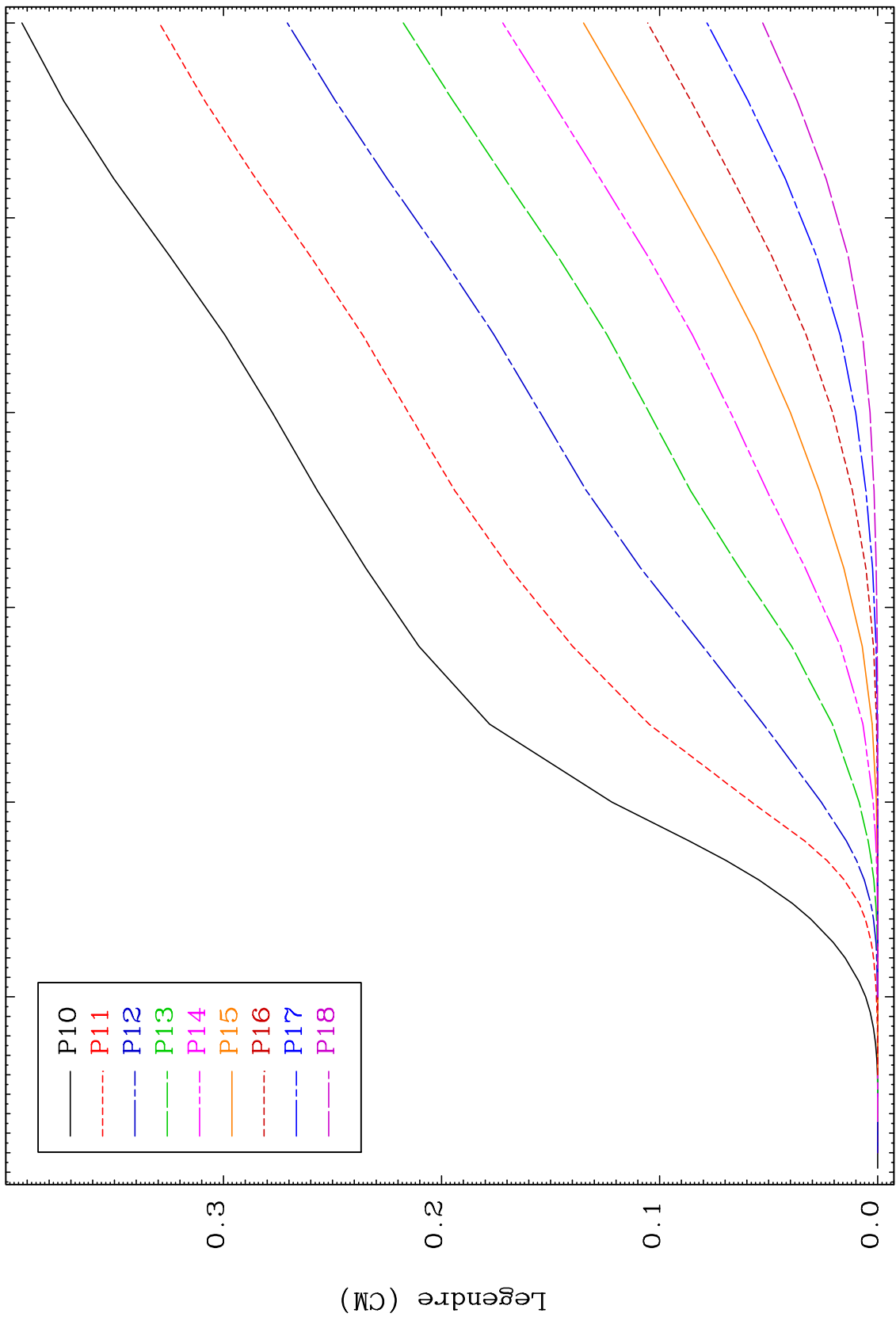
78-Pt-191



MAT 7828

Elastic Legendre Coefficients

78-Pt-191



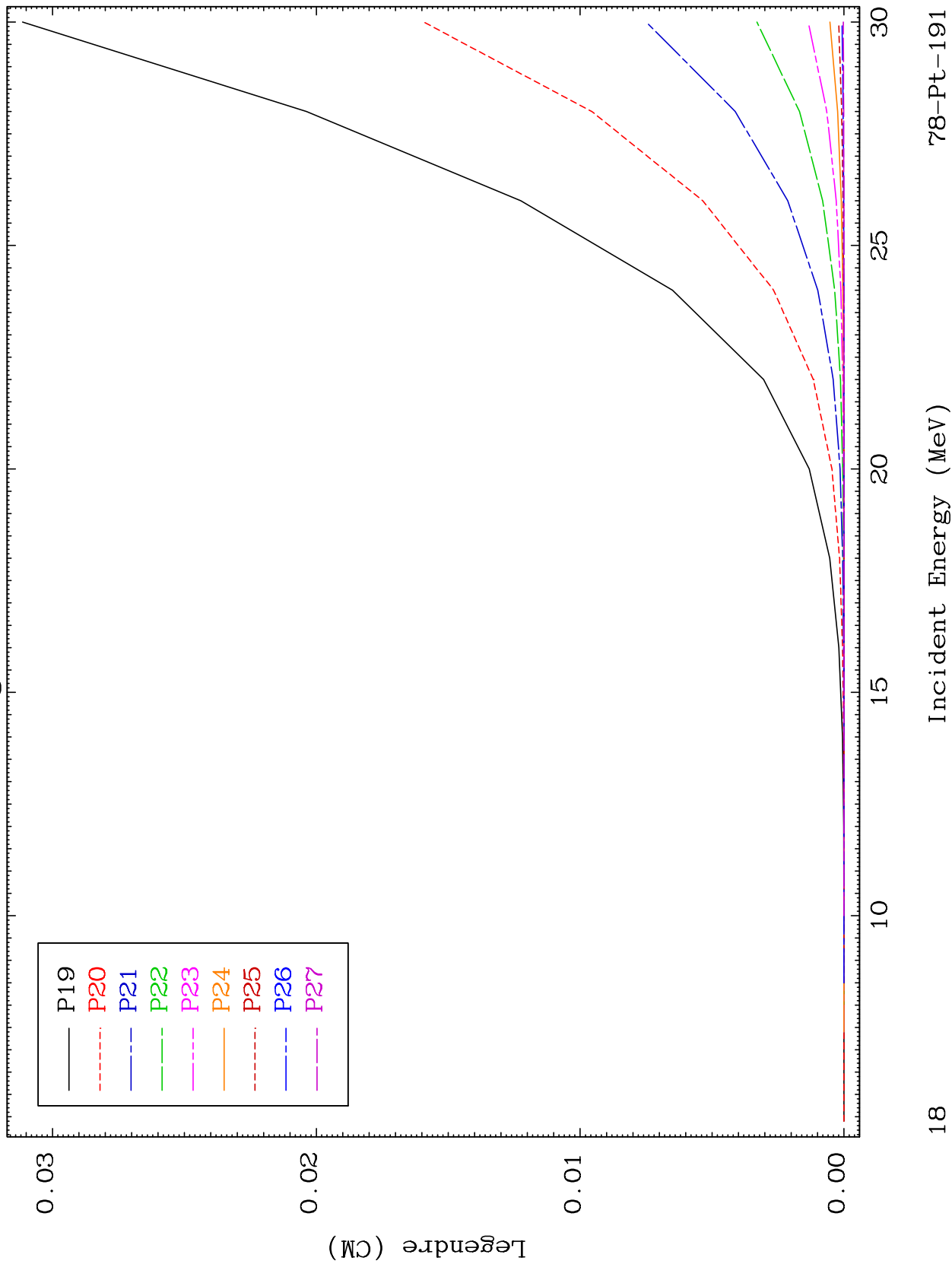
17

78-Pt-191

MAT 7828

Elastic
Legendre Coefficients

78-Pt-191



18

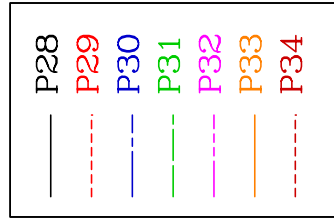
Incident Energy (MeV)

78-Pt-191

MAT 7828

Elastic
Legendre Coefficients

78-Pt-191



$\times 10^{-6}$

Legendre (CM)

10

15

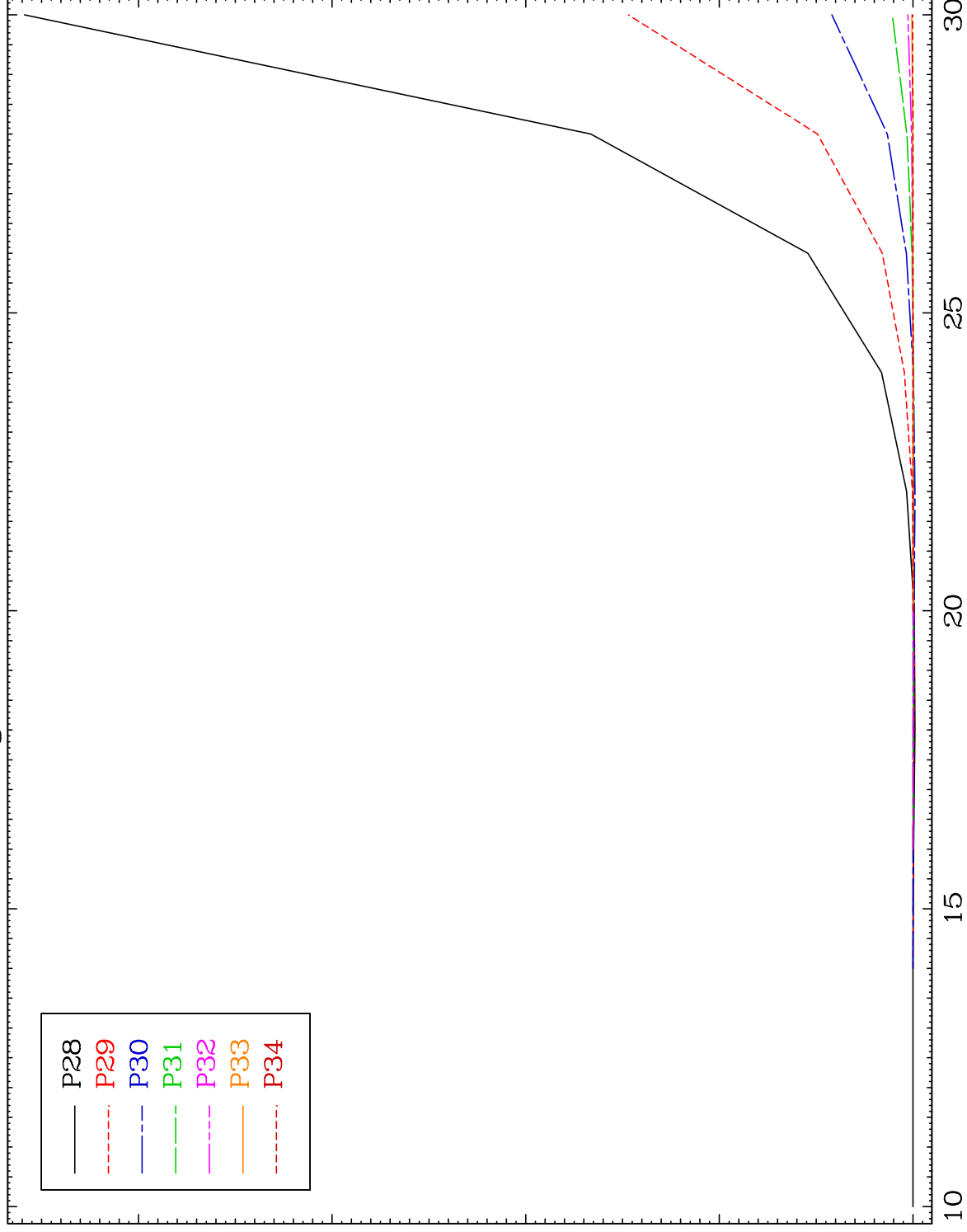
20

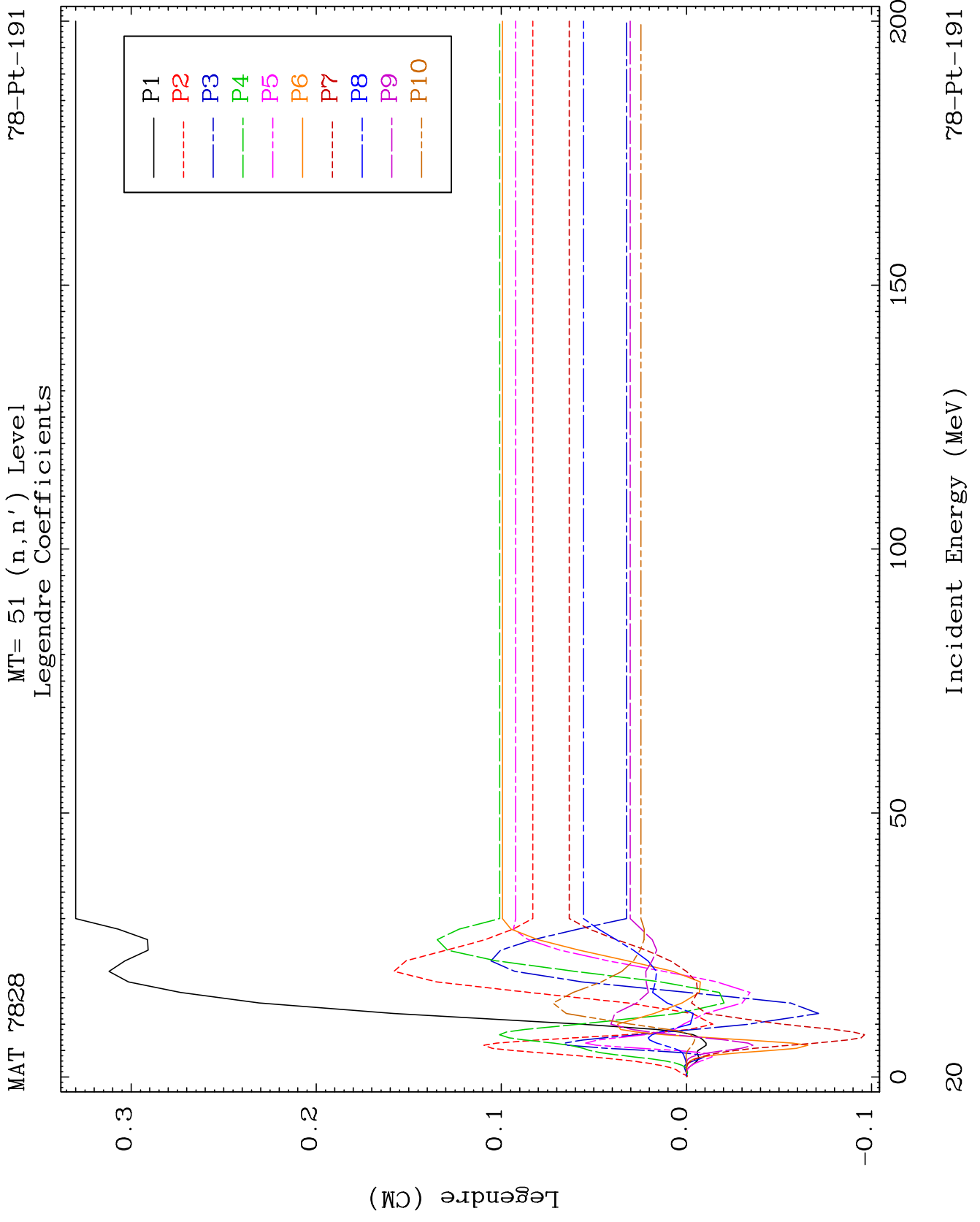
25

30

Incident Energy (MeV)

78-Pt-191

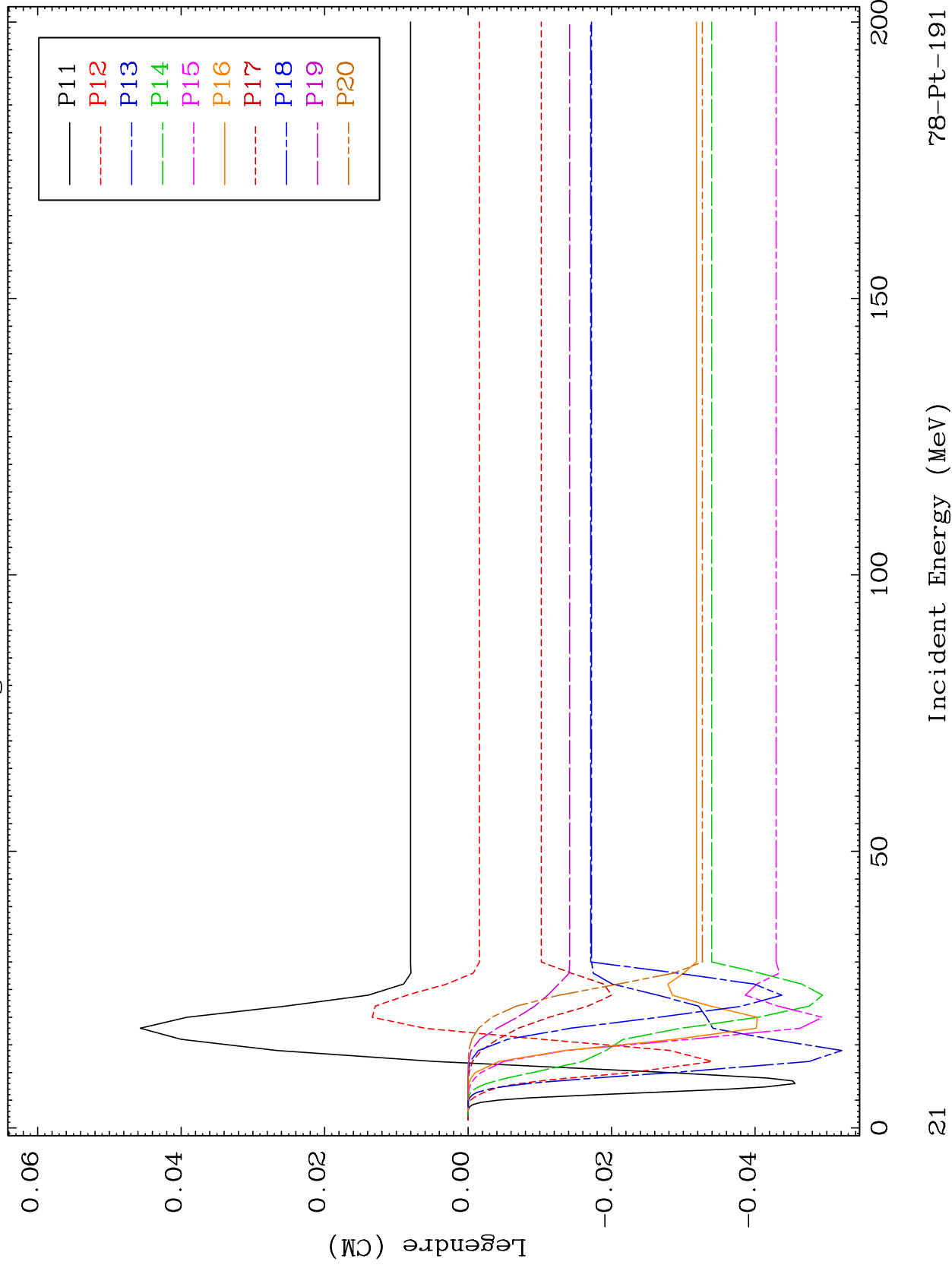




MAT 7828

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

78-Pt-191



78-Pt-191

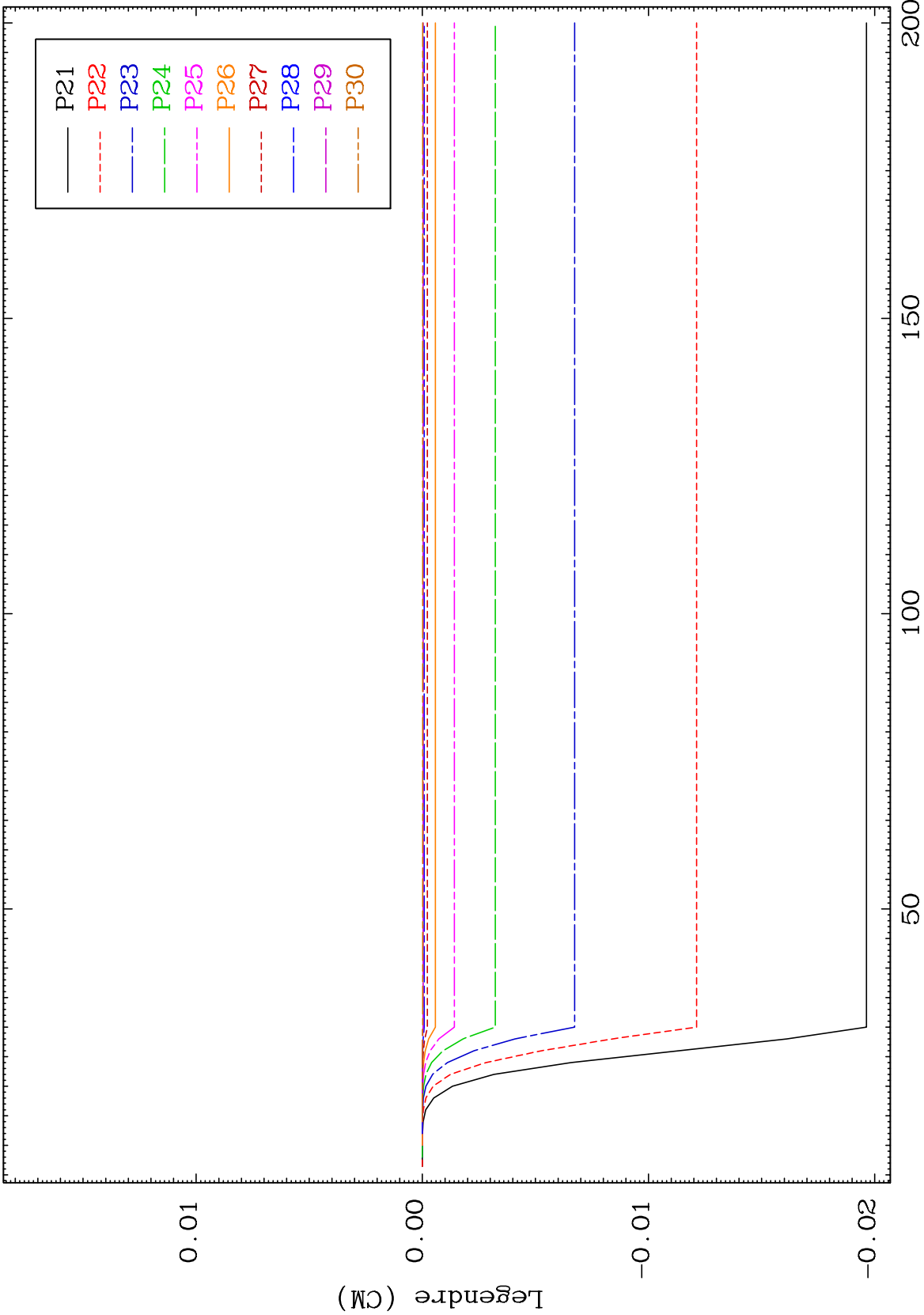
Incident Energy (MeV)

21

MAT 7828

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

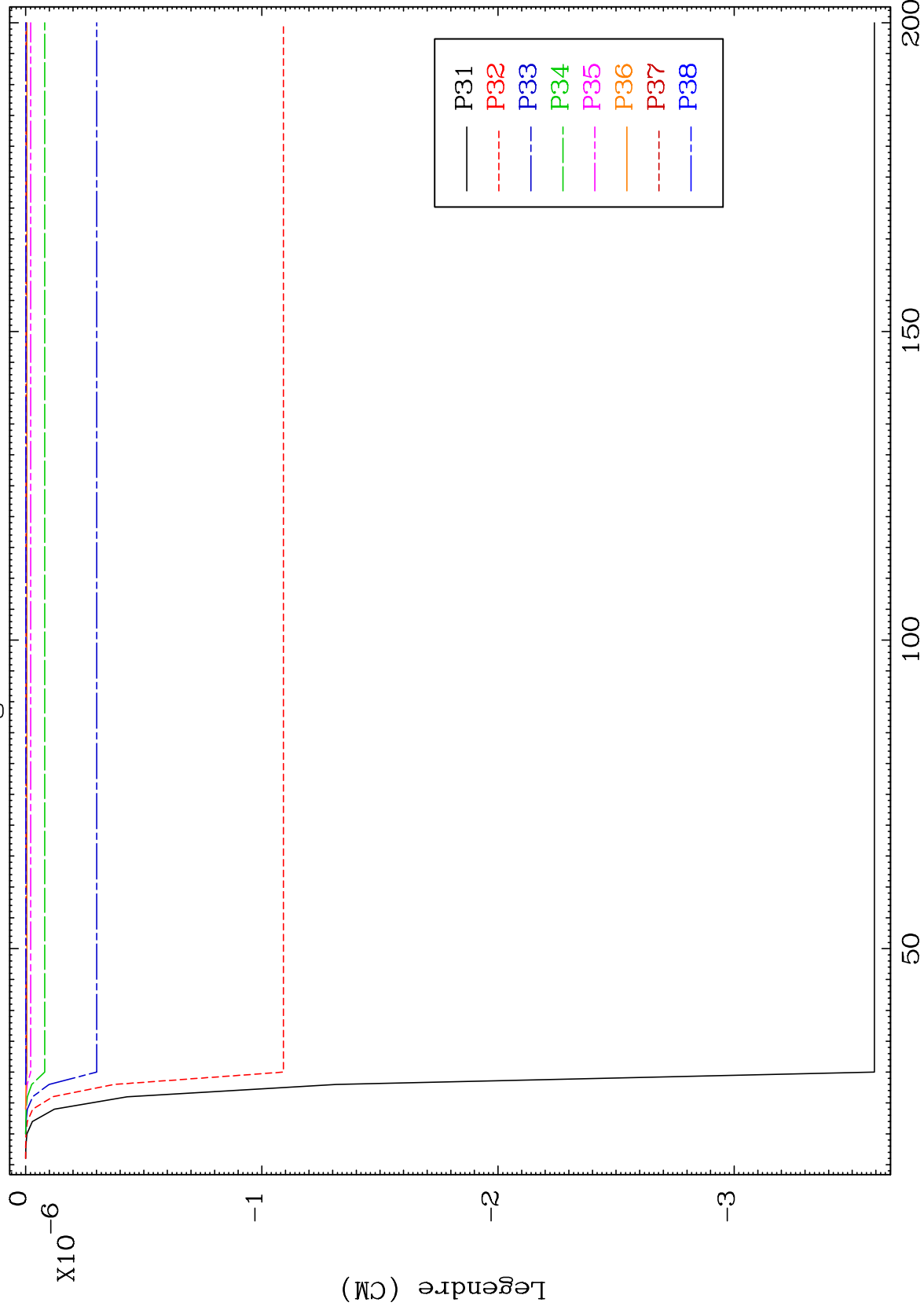
78-Pt-191



22

Incident Energy (MeV)

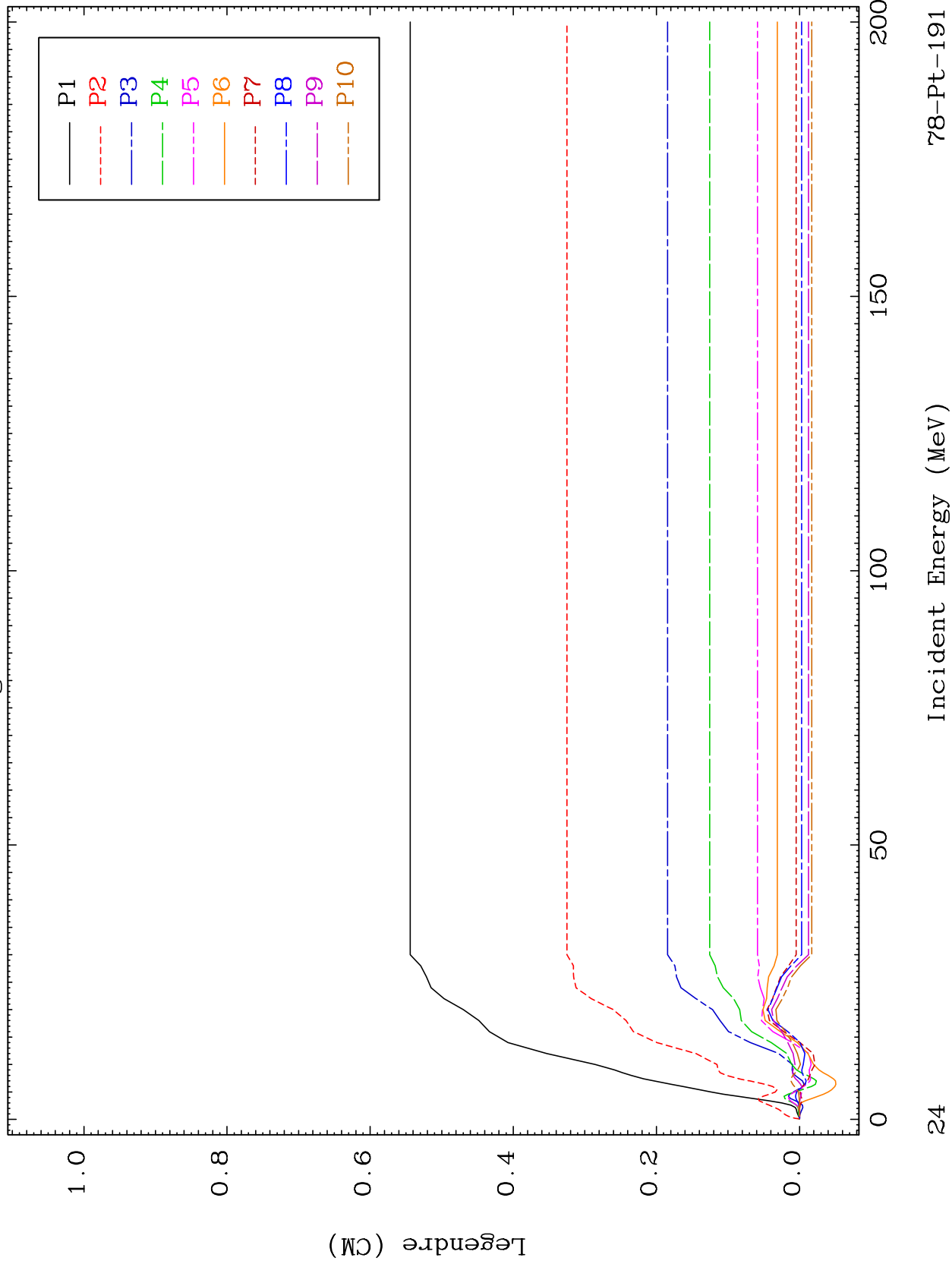
78-Pt-191



MAT 7828

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

78-Pt-191



24

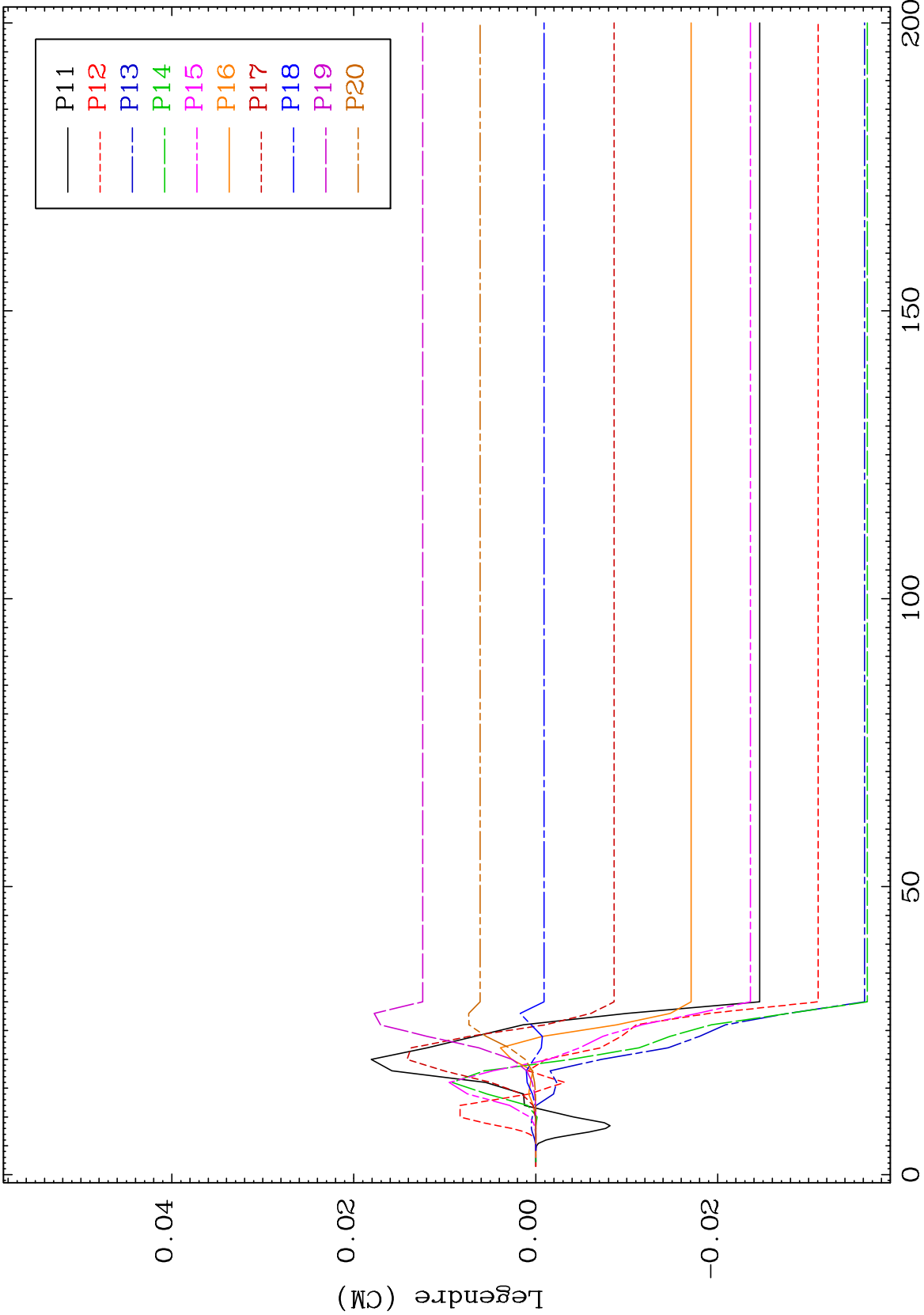
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

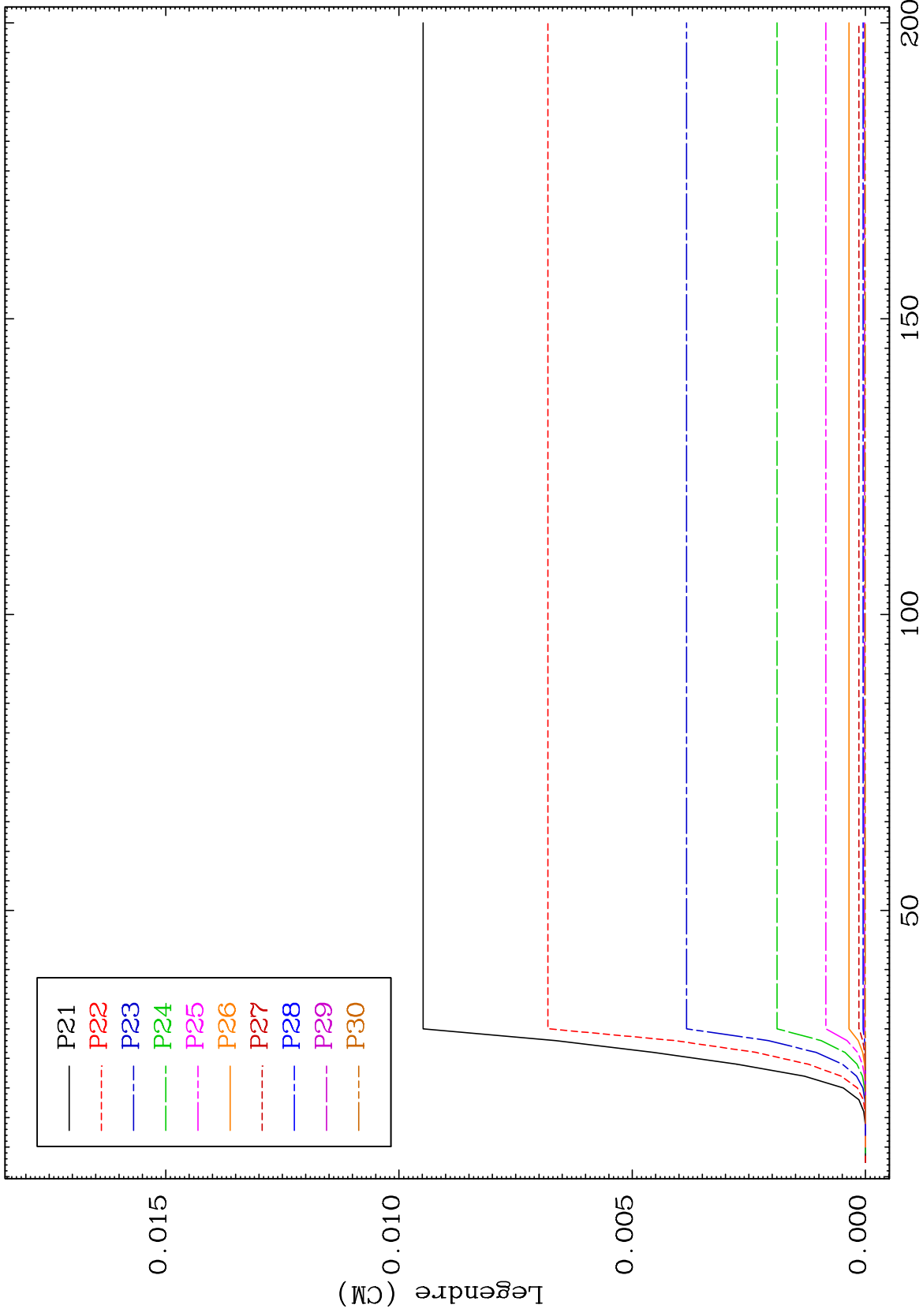
78-Pt-191

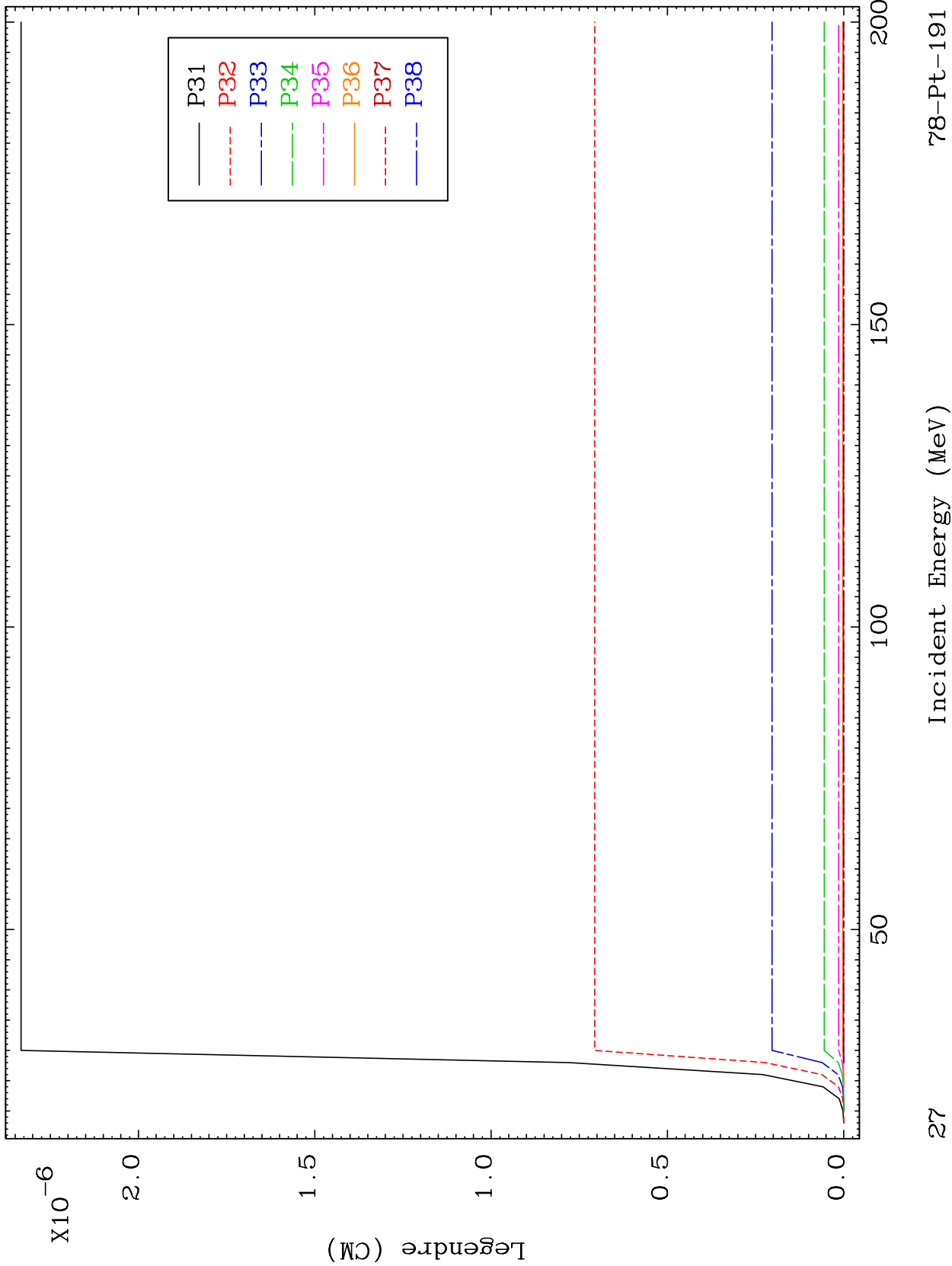


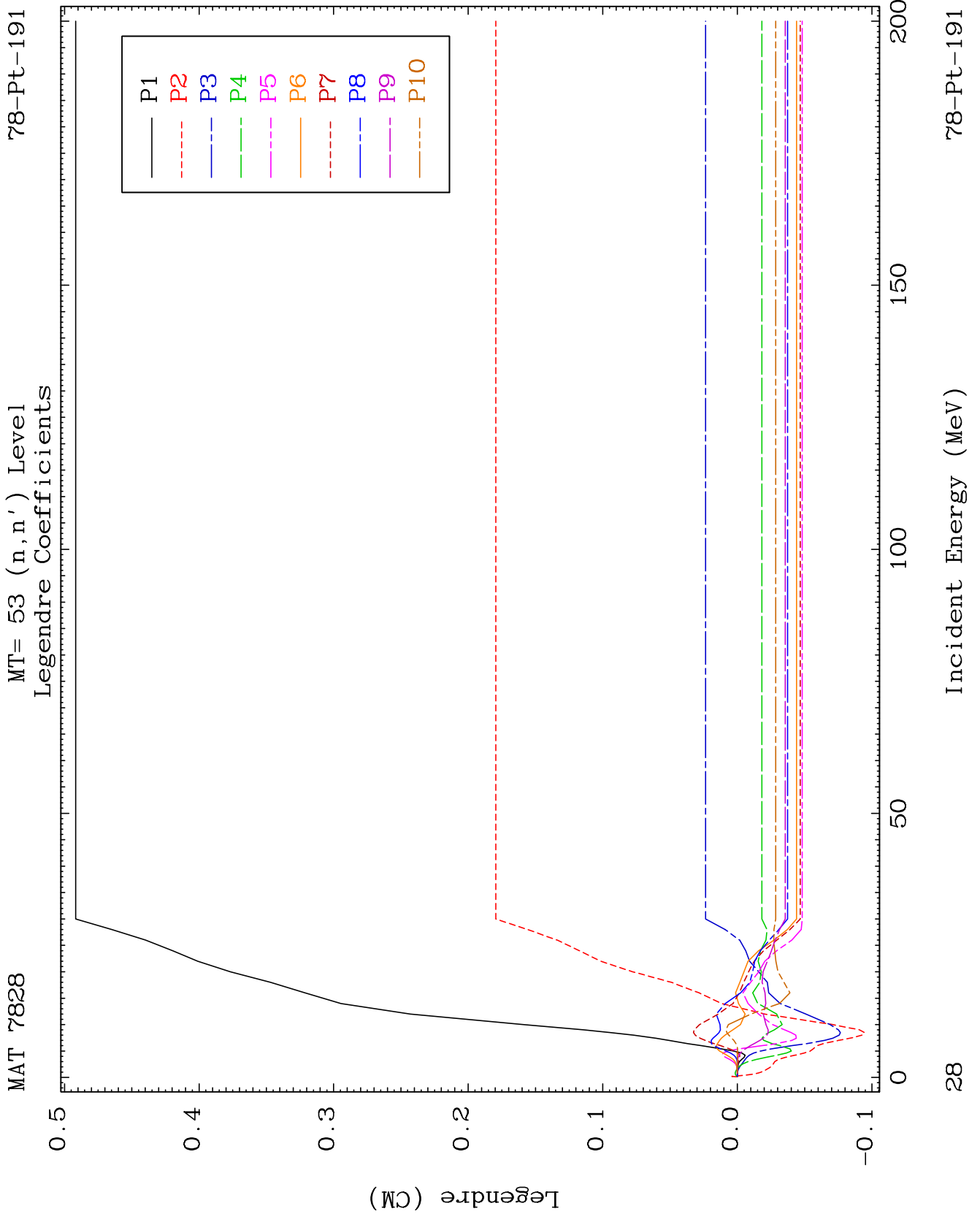
25

Incident Energy (MeV)

78-Pt-191



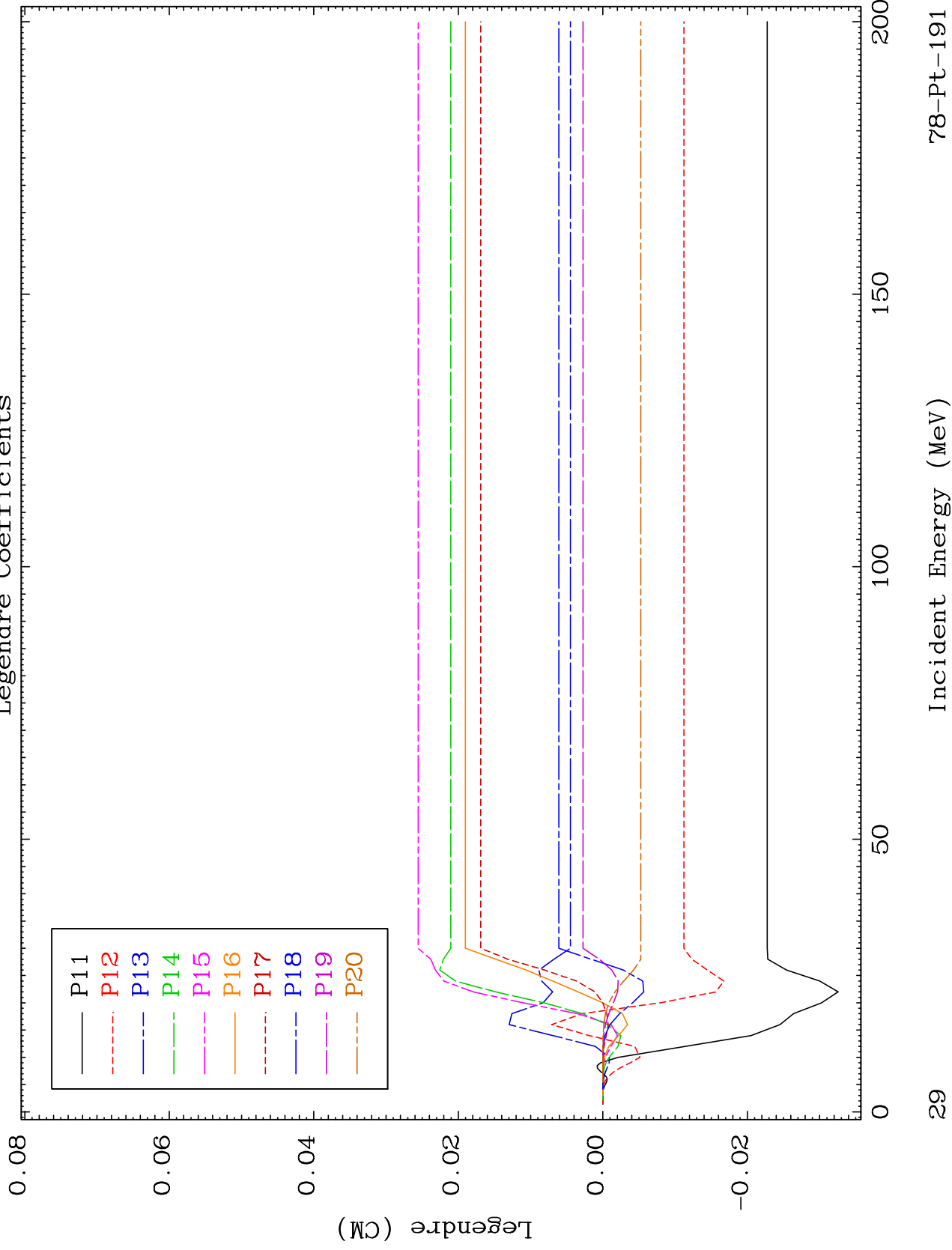




MAT 7828

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

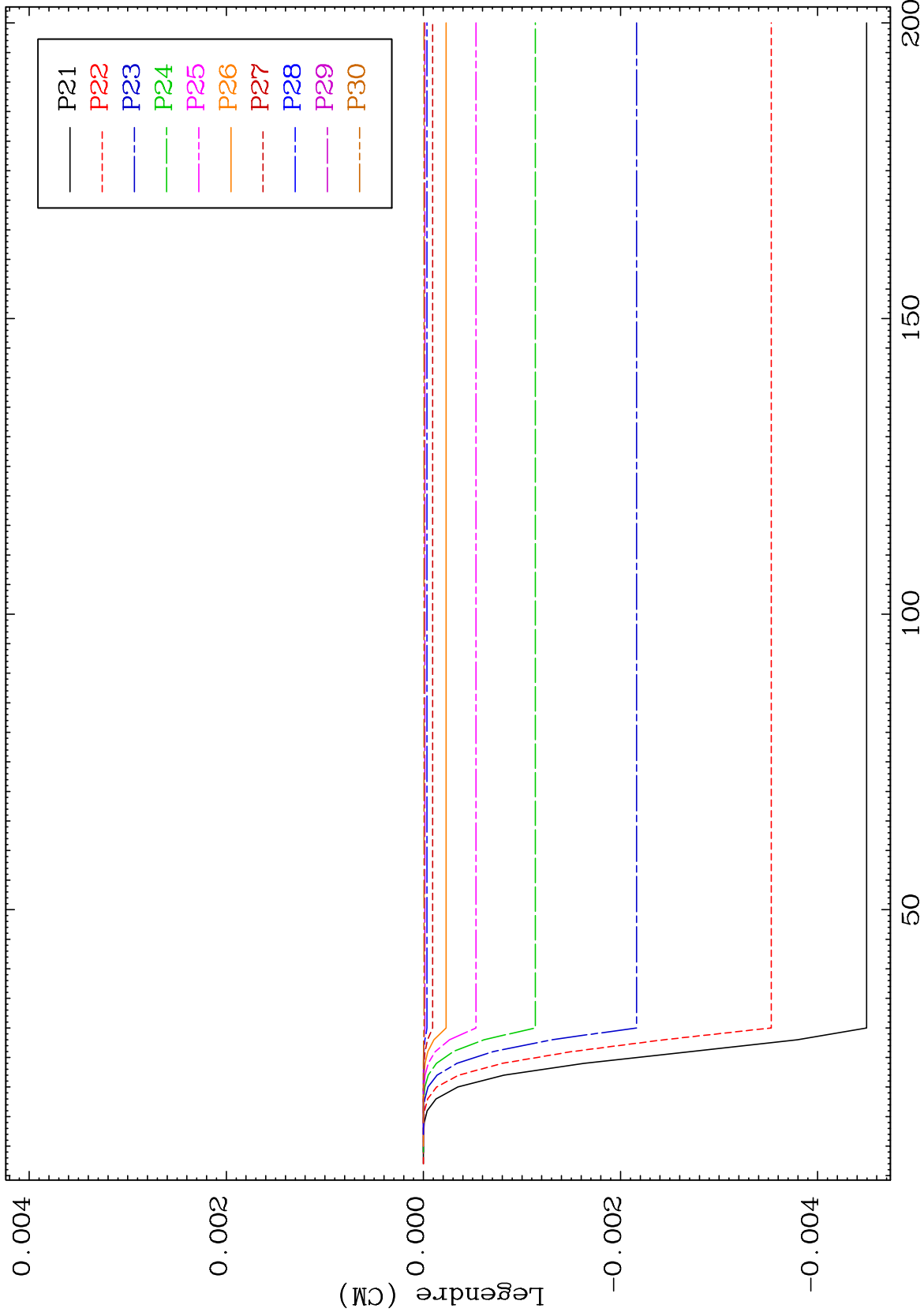
78-Pt-191



MAT 7828

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

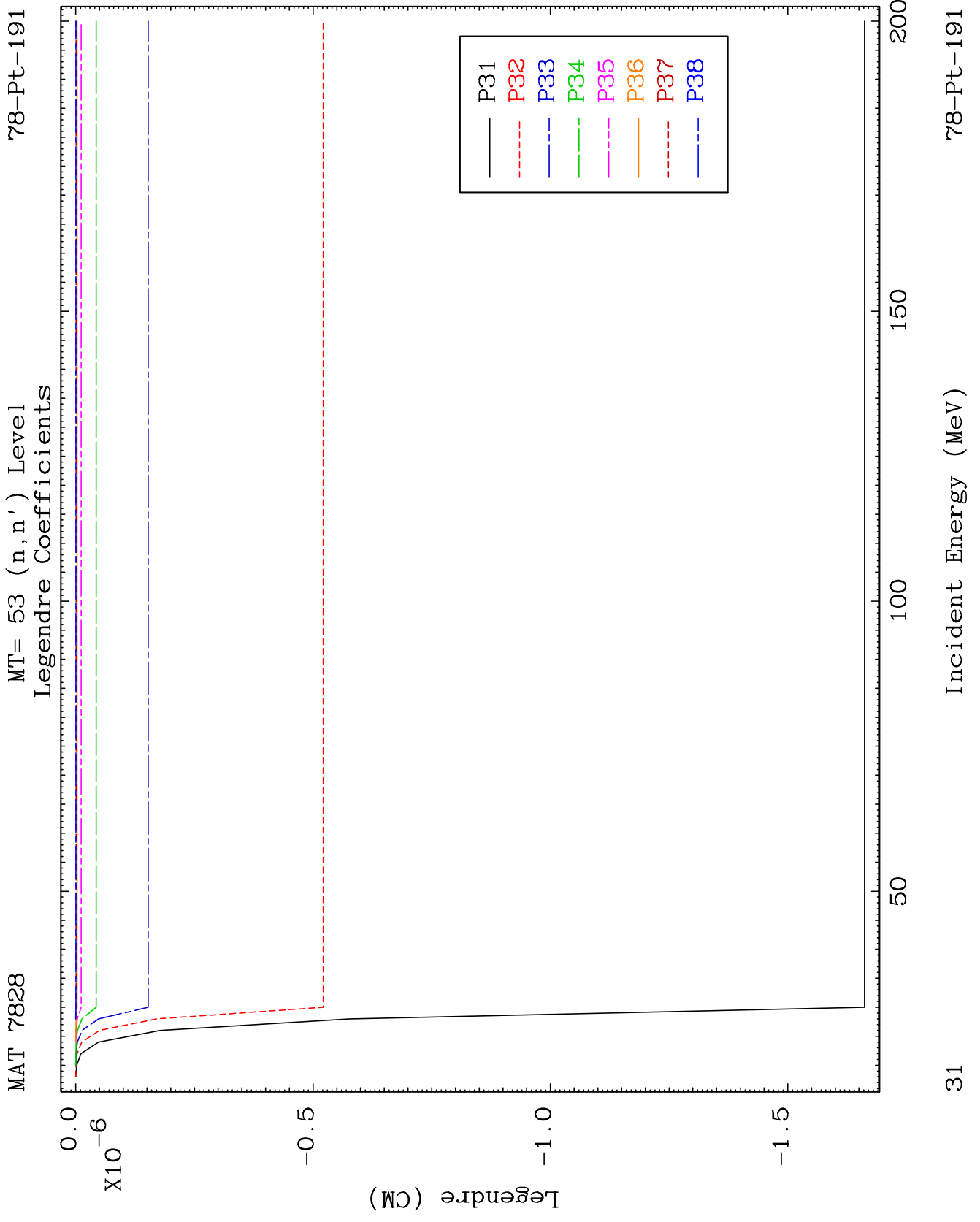
78-Pt-191



30

Incident Energy (MeV)

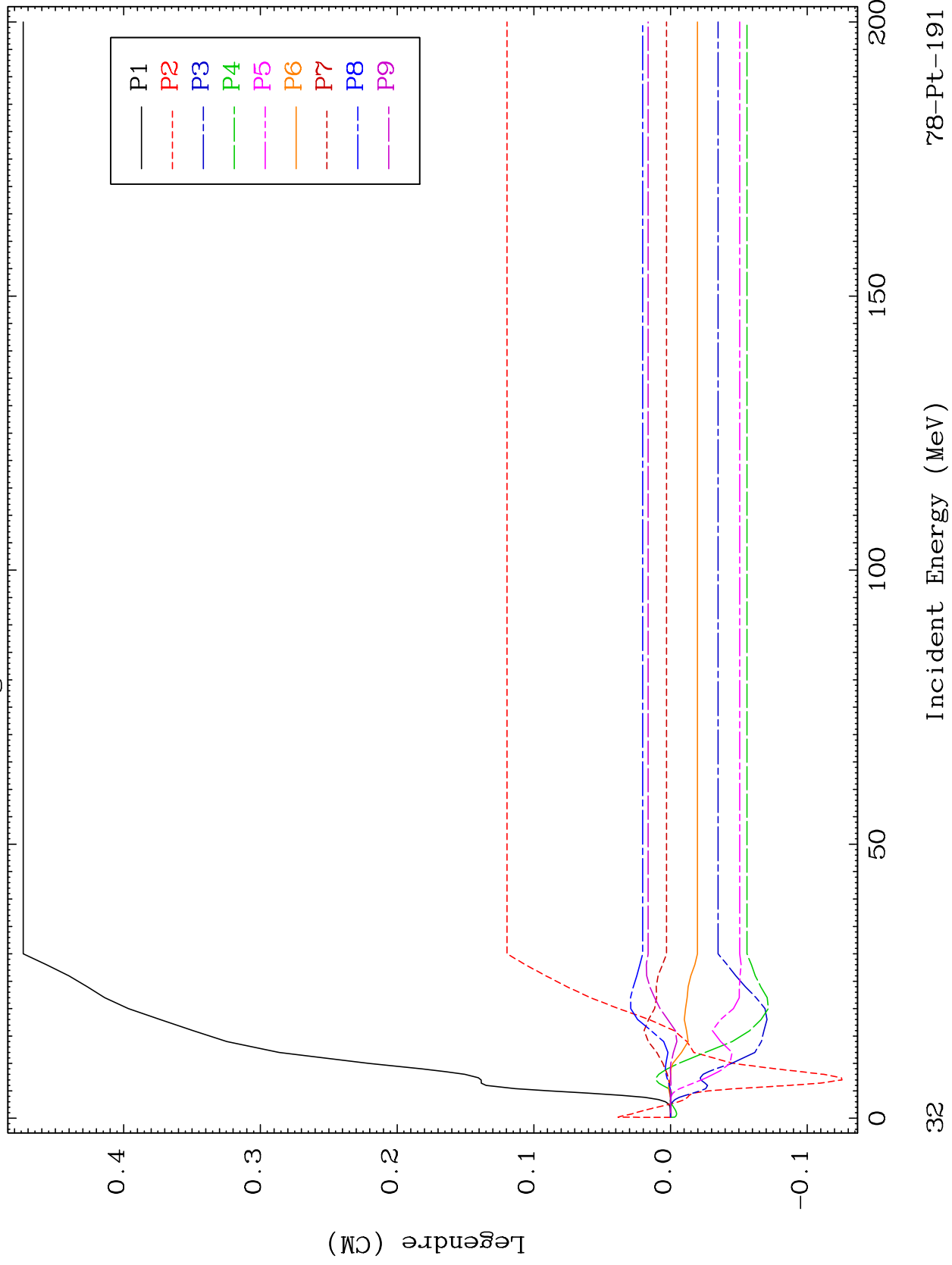
78-Pt-191



MAT 7828

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

78-Pt-191

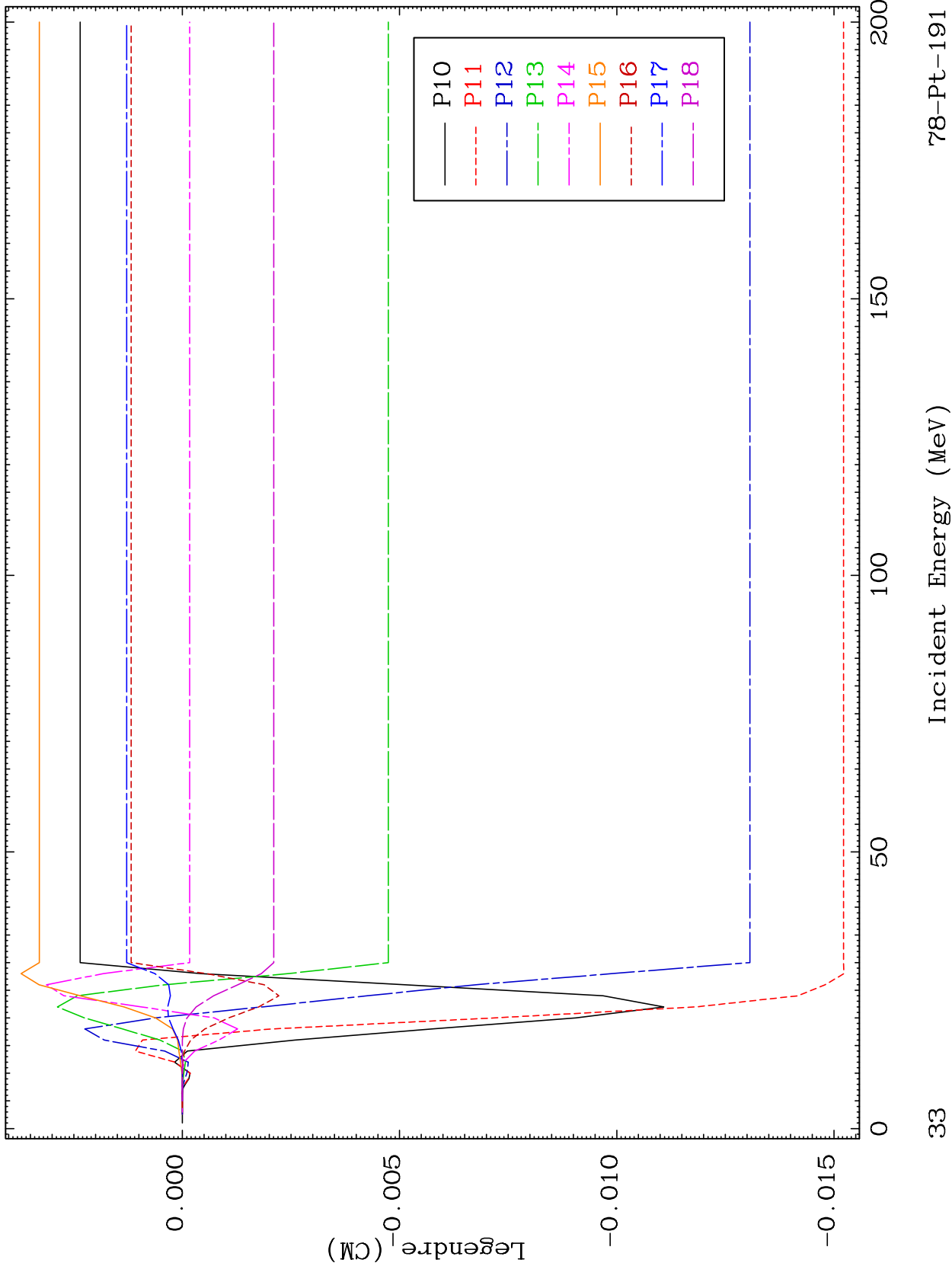


78-Pt-191

MAT 7828

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

78-Pt-191



33

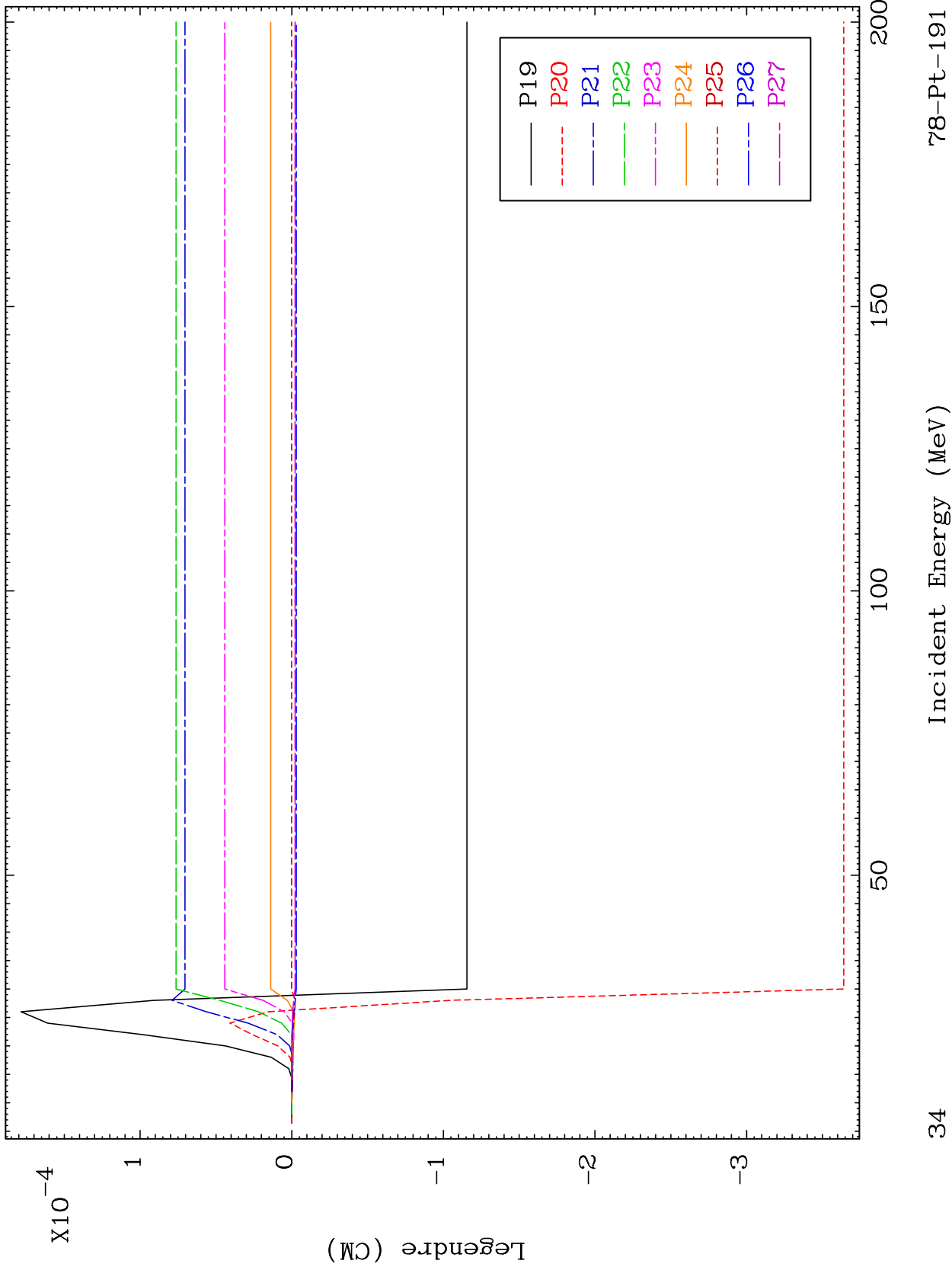
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

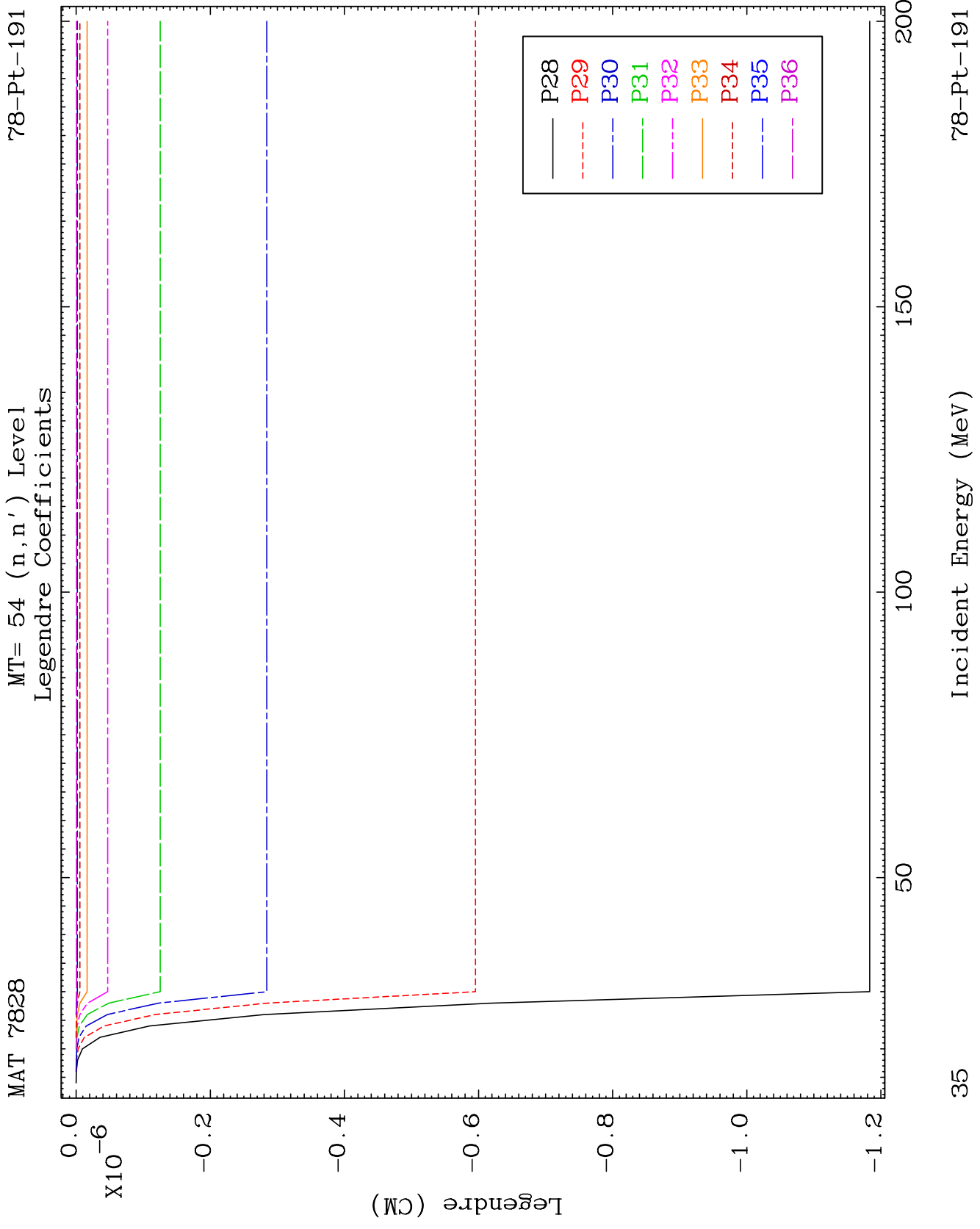
78-Pt-191



34

Incident Energy (MeV)

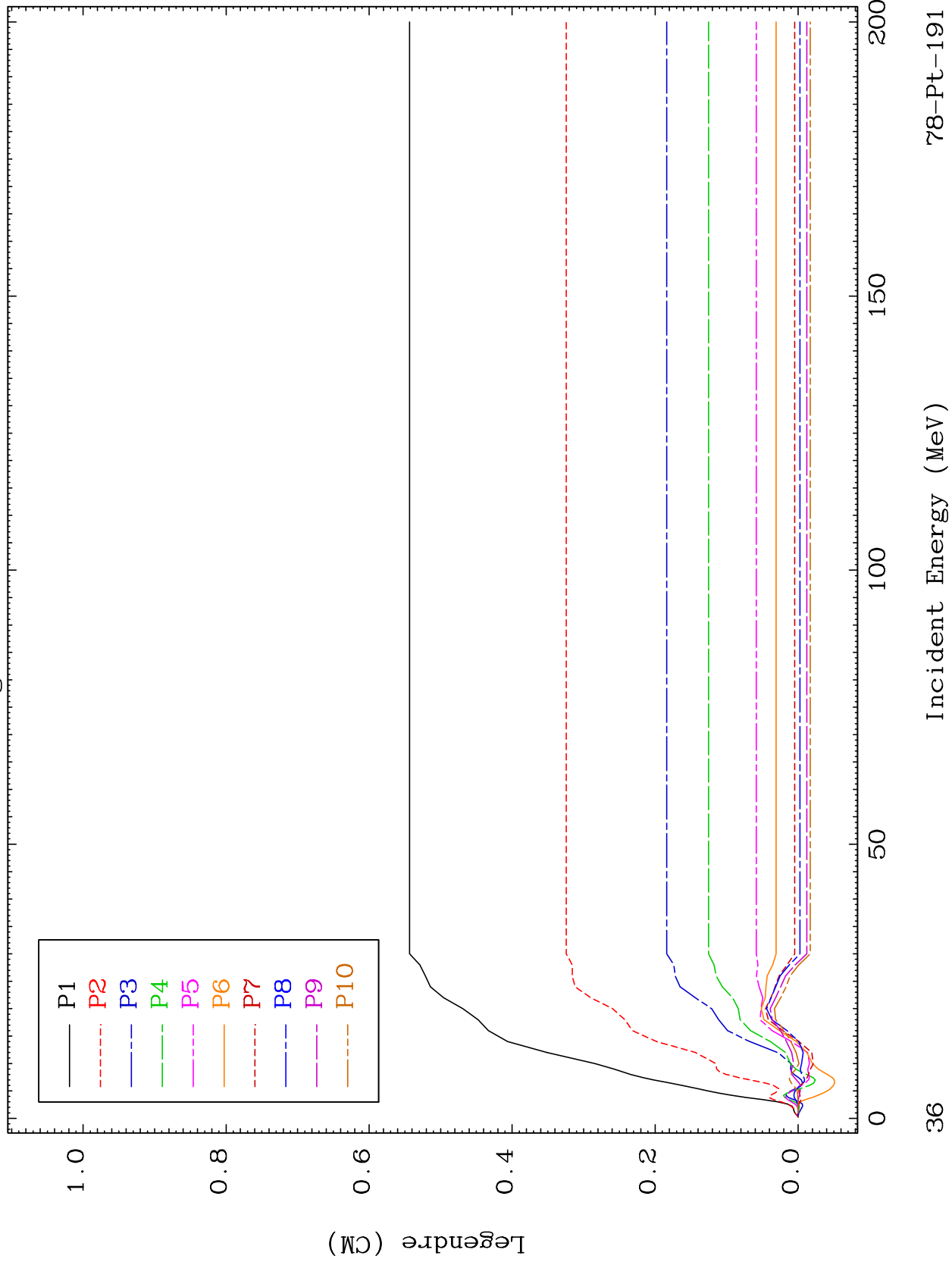
78-Pt-191



MAT 7828

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

78-Pt-191



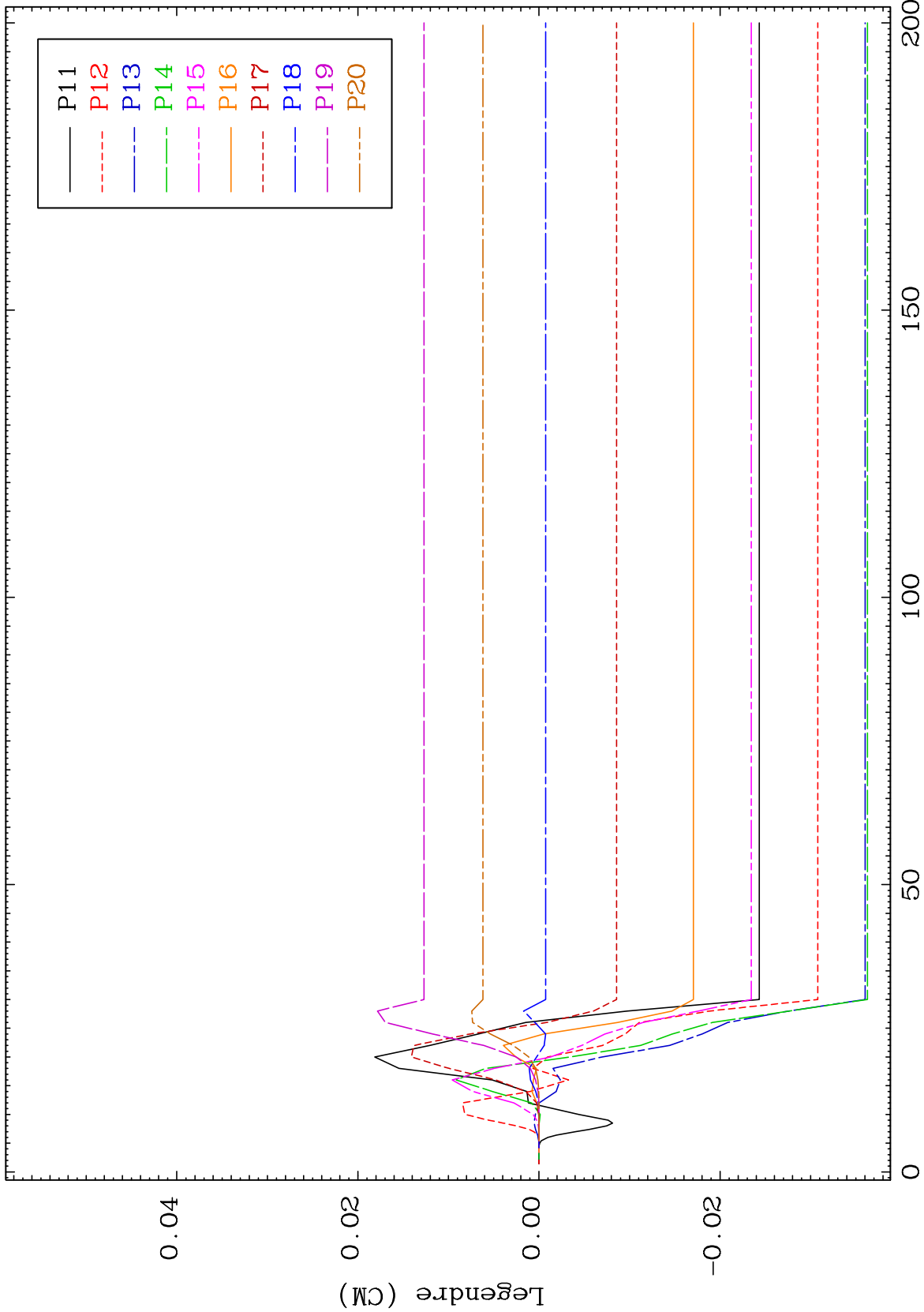
36

78-Pt-191

MAT 7828

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

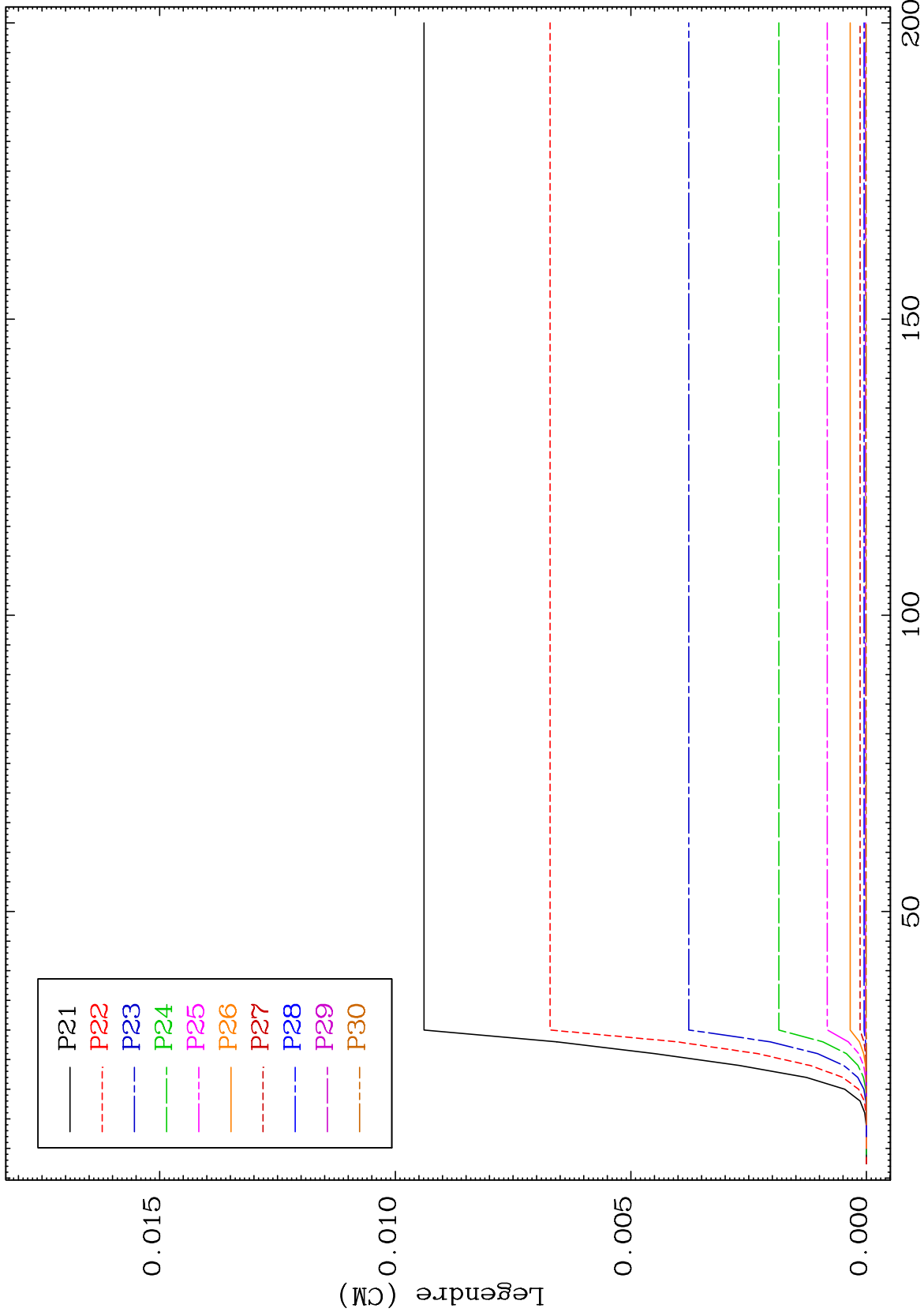
78-Pt-191



37

Incident Energy (MeV)

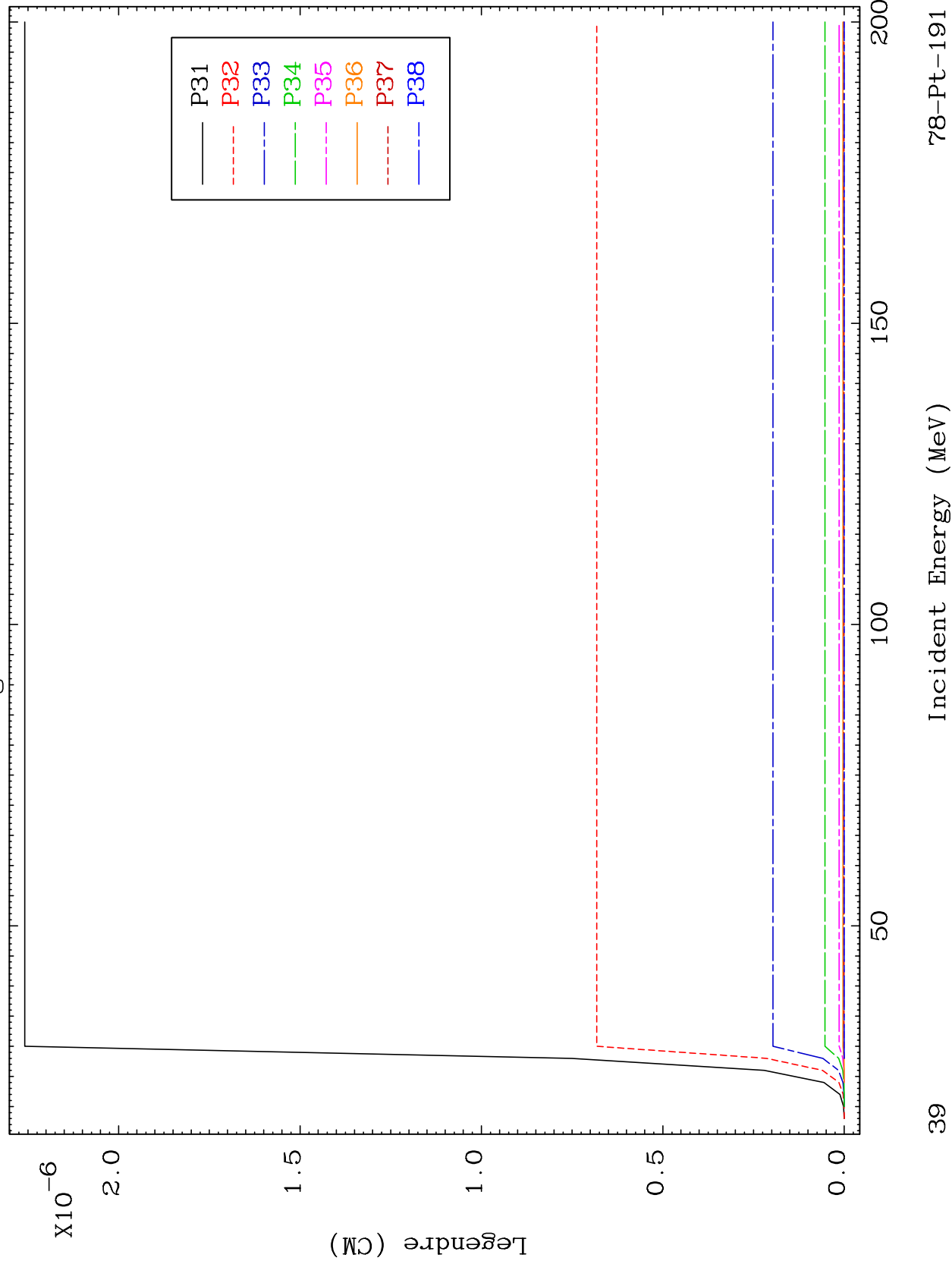
78-Pt-191



MAT 7828

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

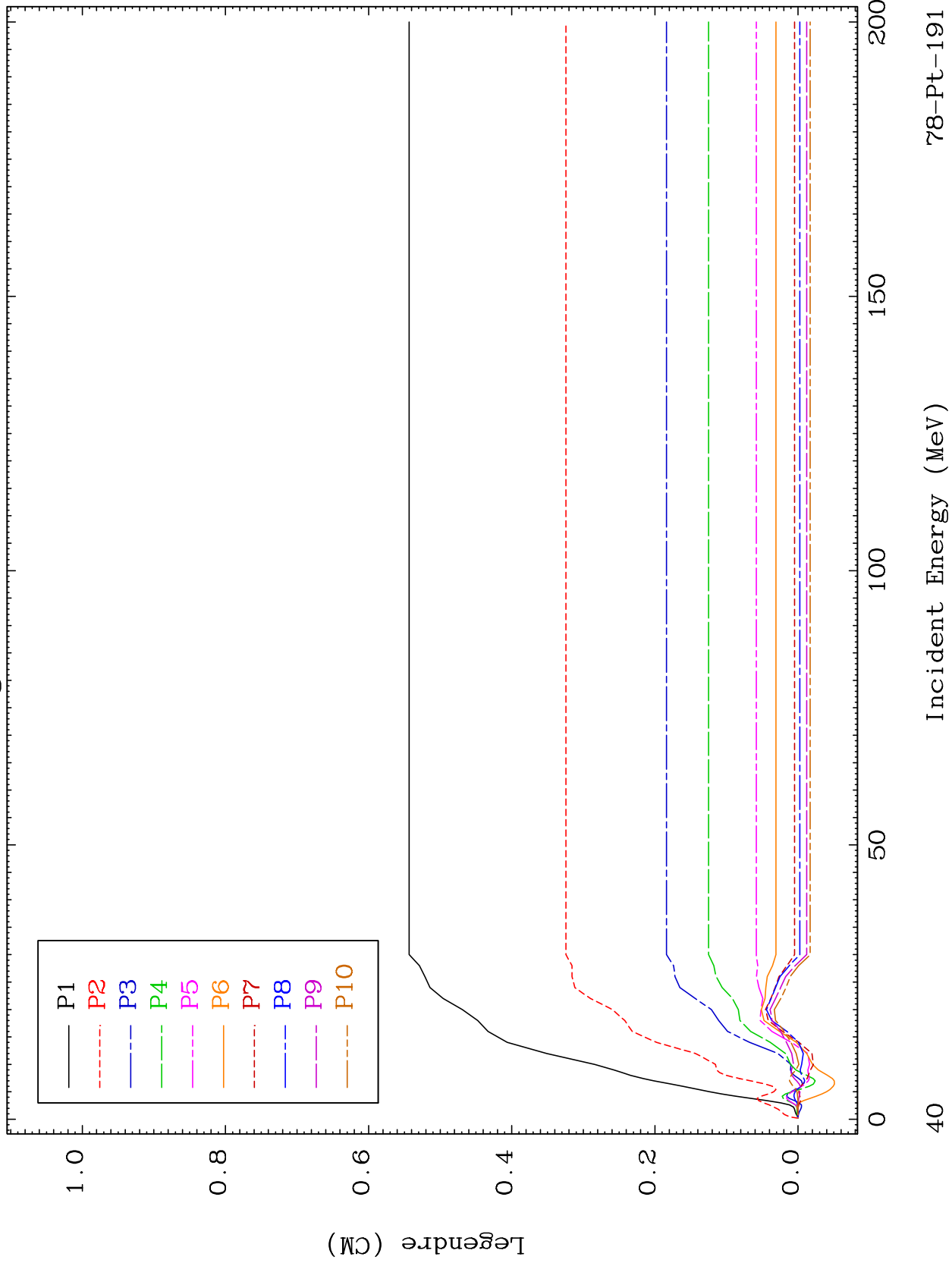
78-Pt-191



MAT 7828

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

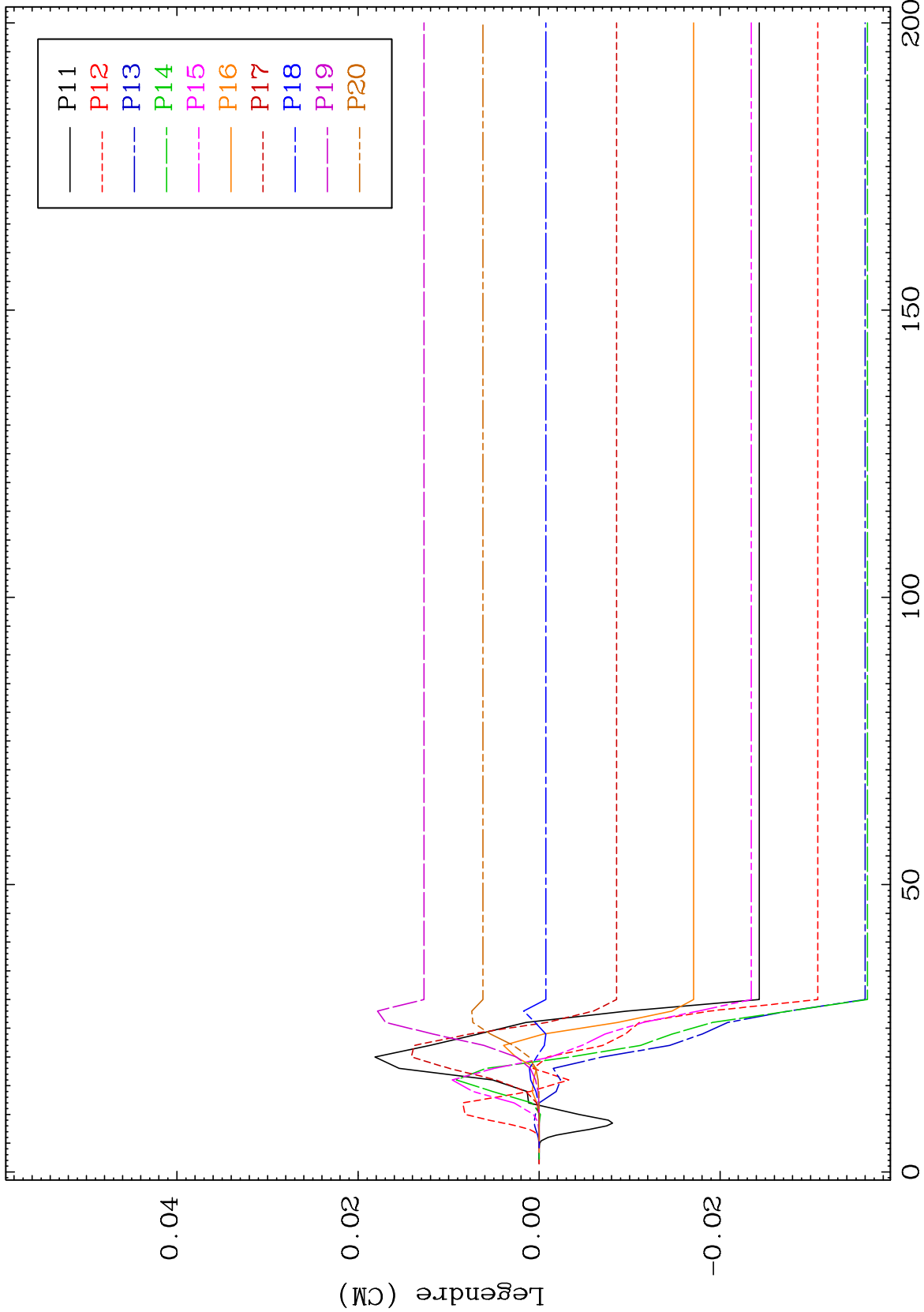
78-Pt-191



MAT 7828

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

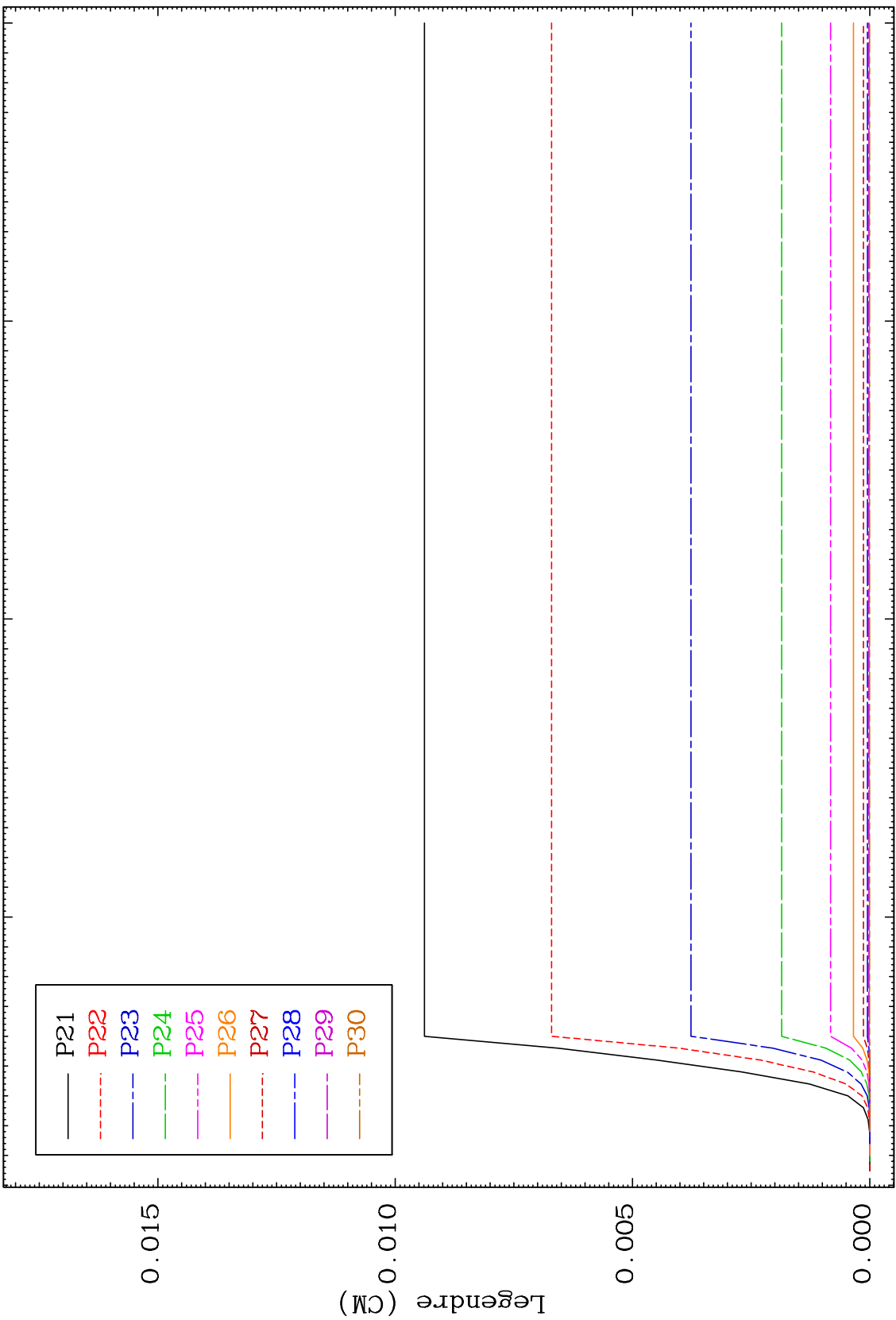
78-Pt-191



MAT 7828

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

78-Pt-191



42

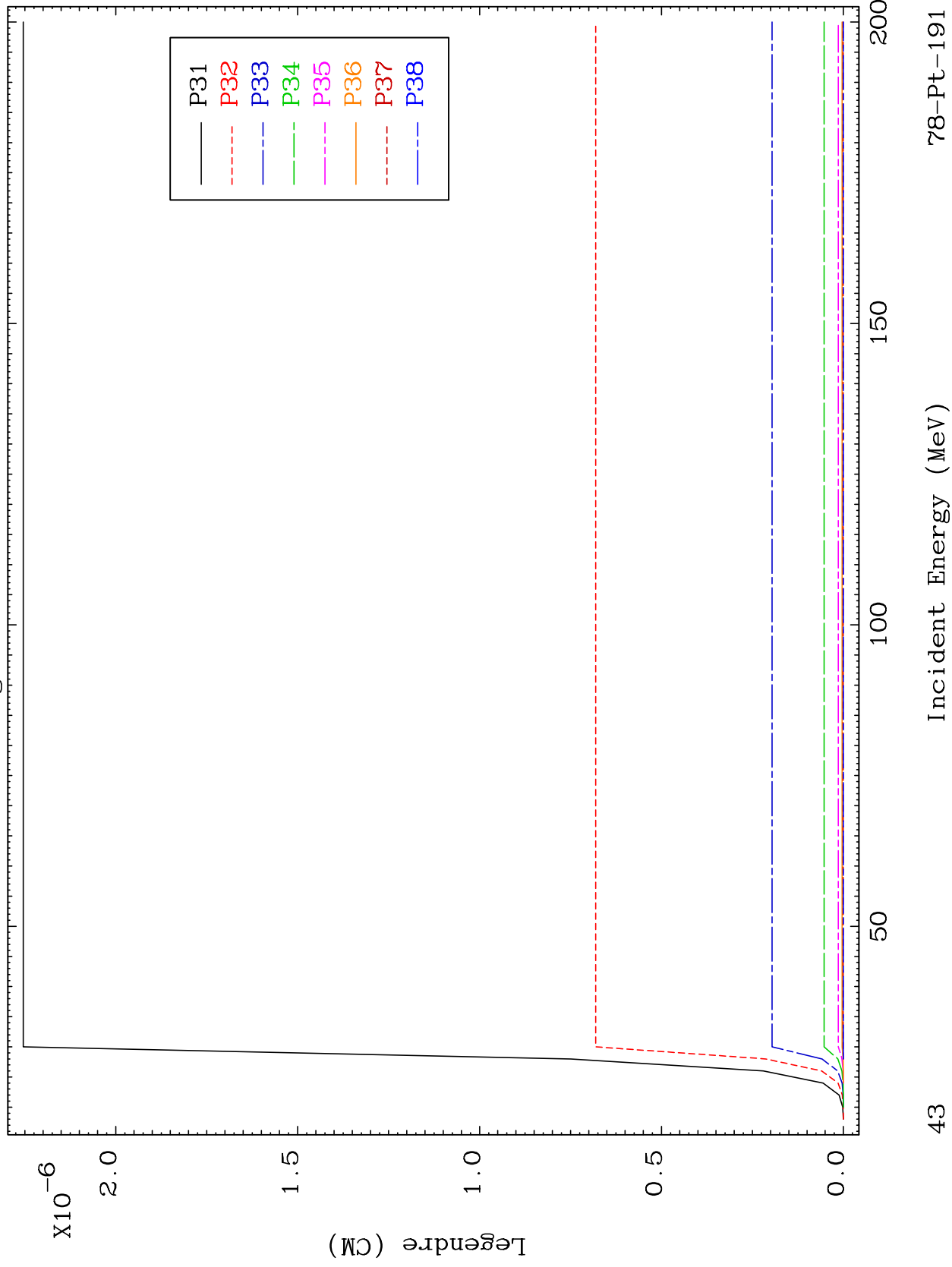
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

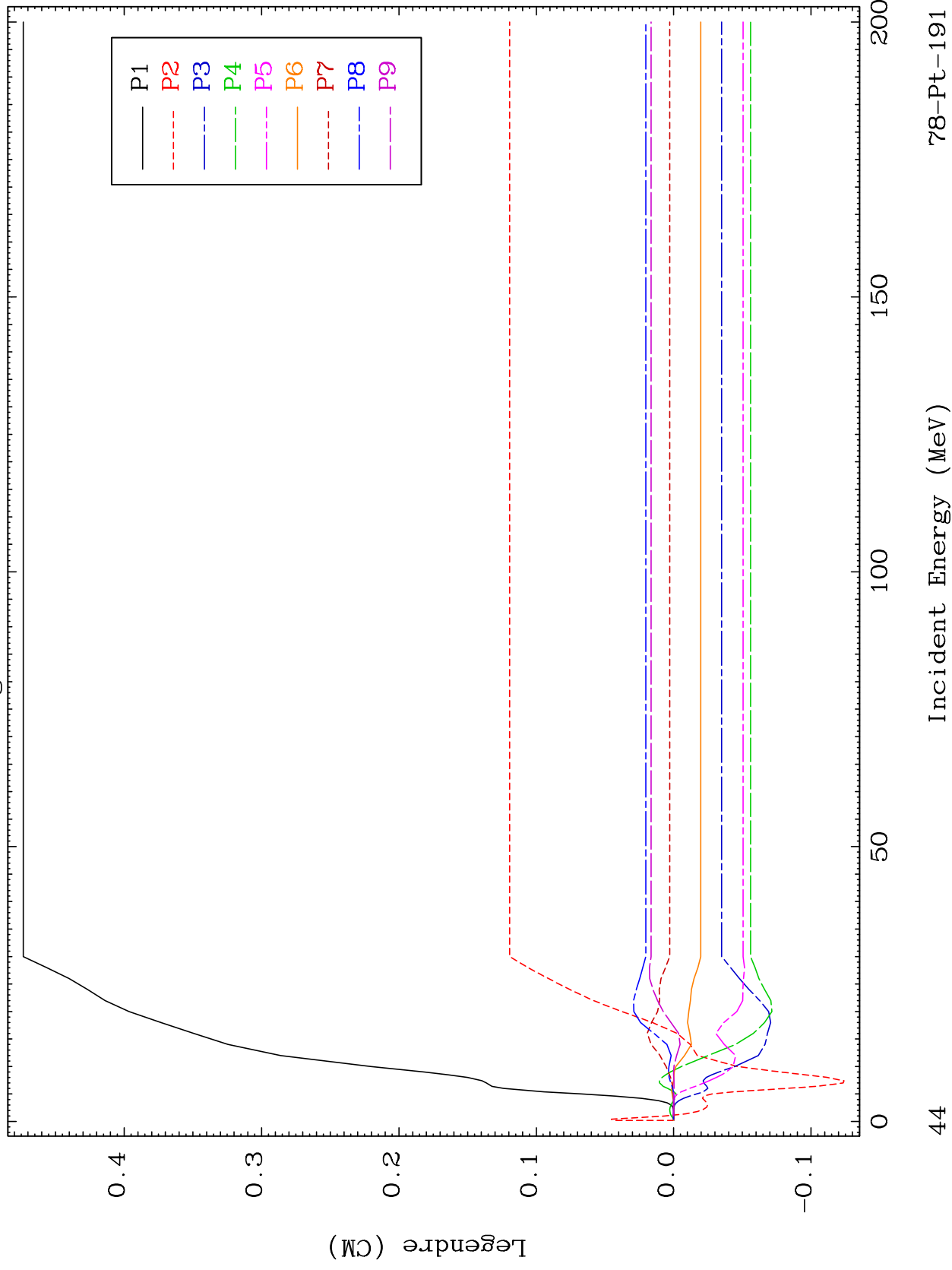
78-Pt-191



MAT 7828

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

78-Pt-191



78-Pt-191

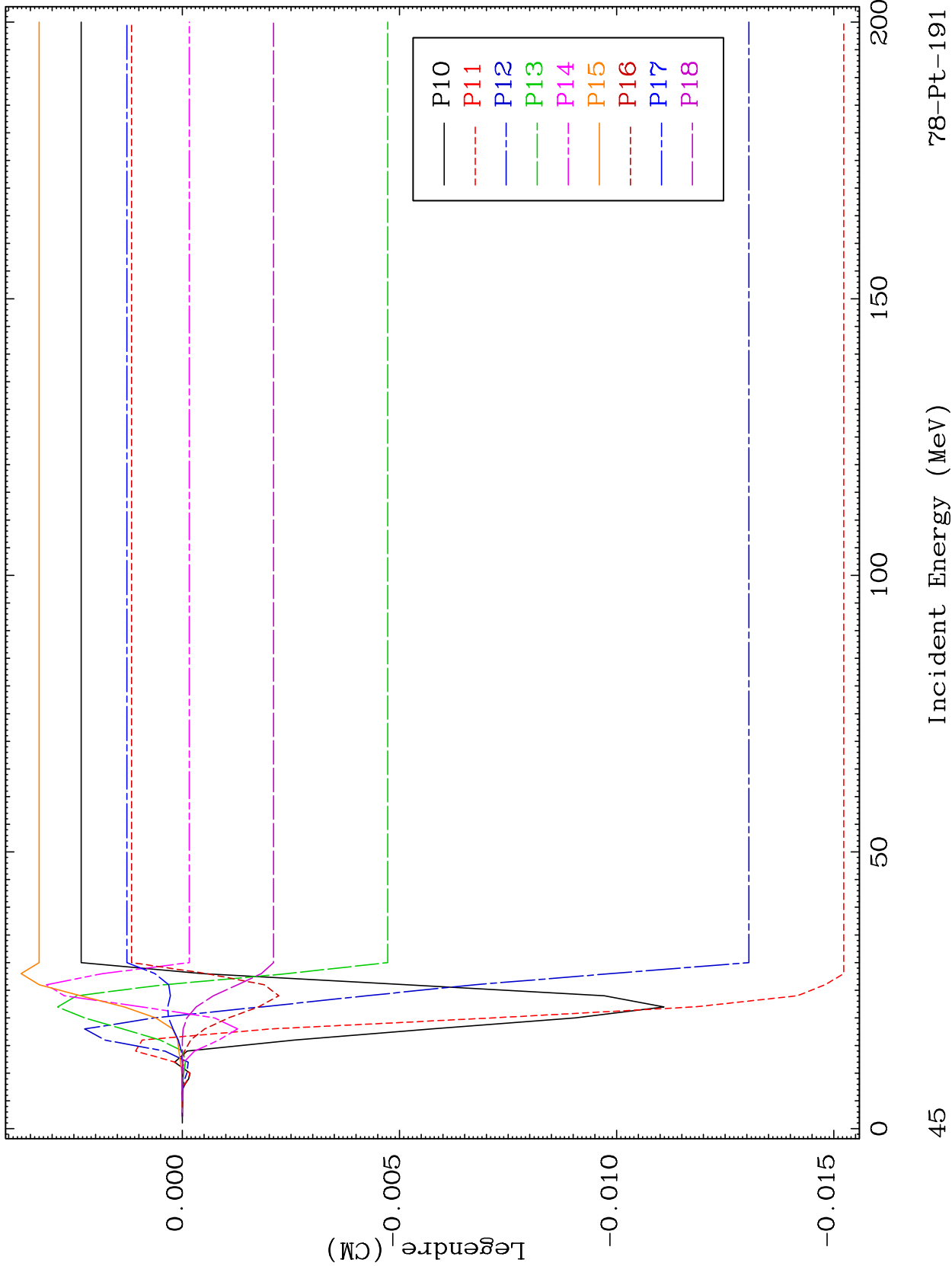
Incident Energy (MeV)

44

MAT 7828

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

78-Pt-191



78-Pt-191

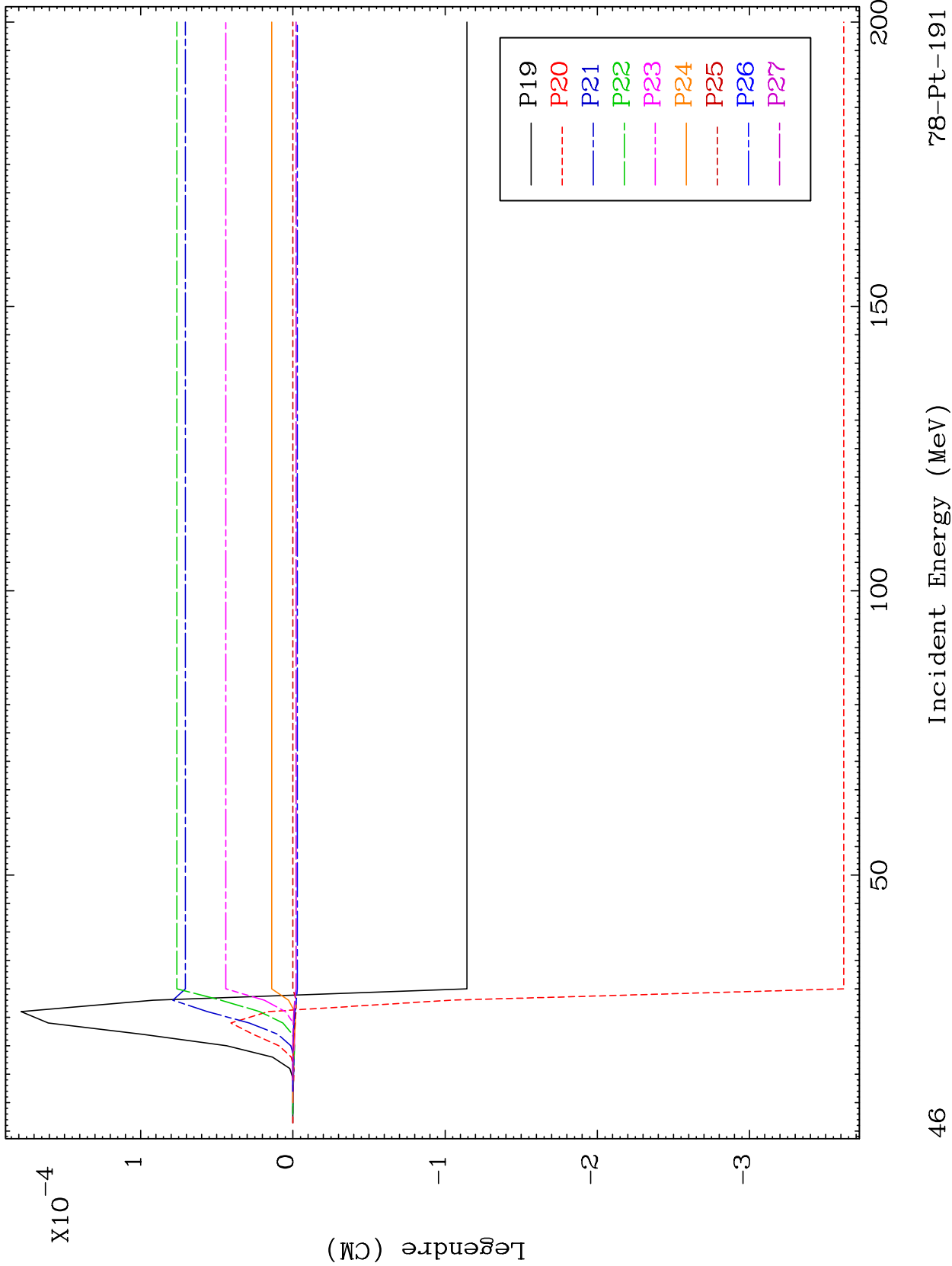
Incident Energy (MeV)

45

MAT 7828

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

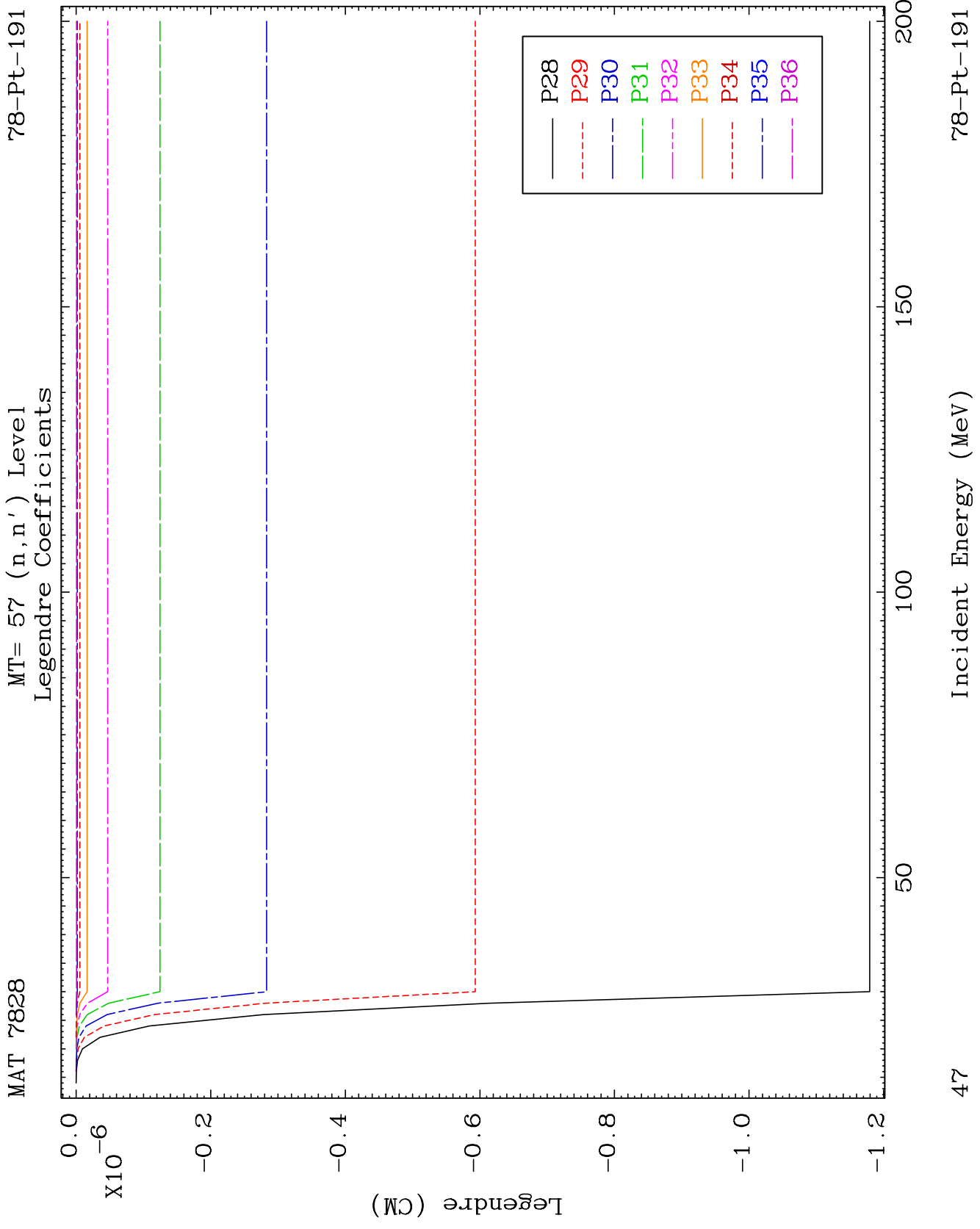
78-Pt-191



46

Incident Energy (MeV)

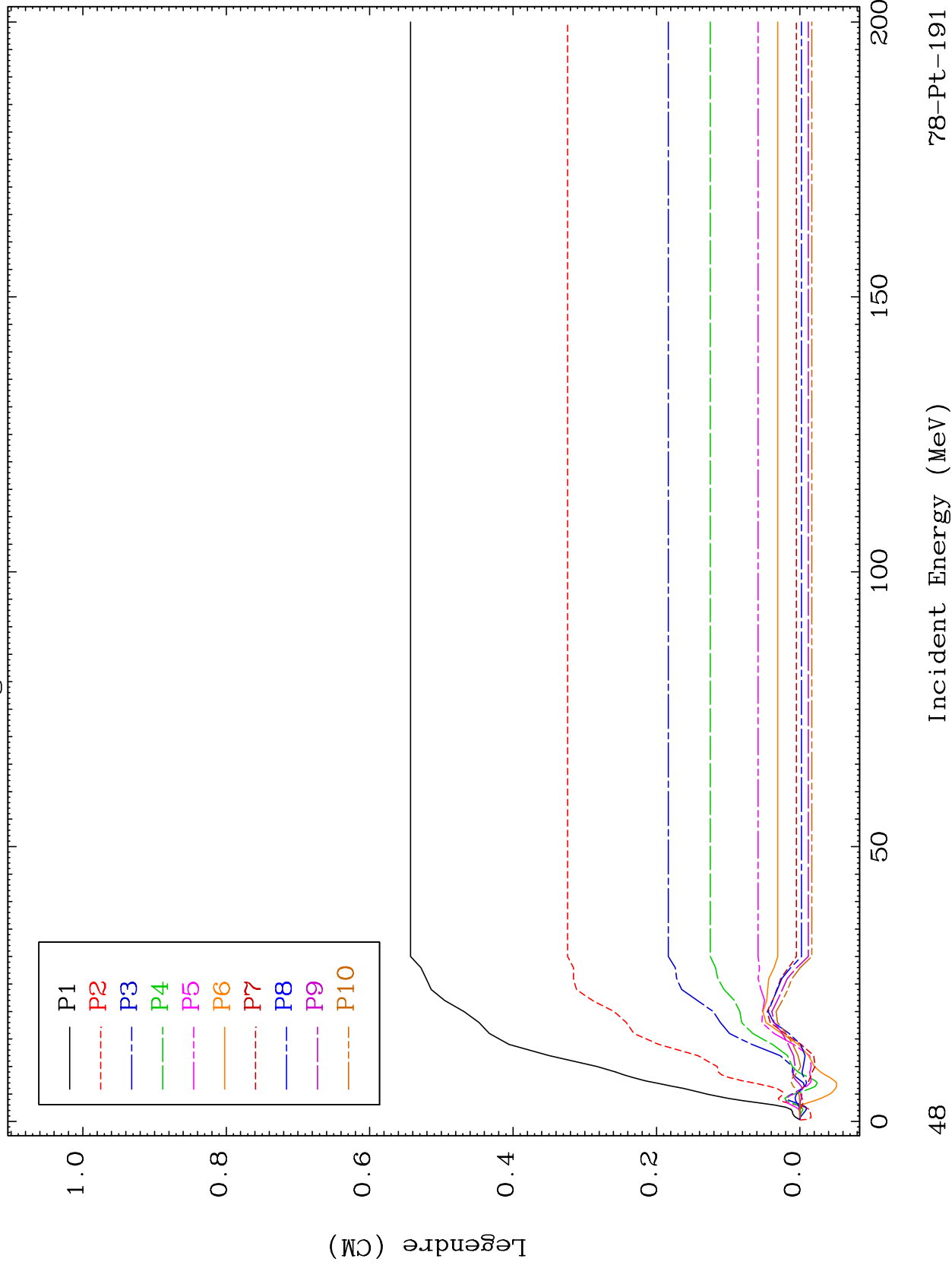
78-Pt-191



MAT 7828

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

78-Pt-191



48

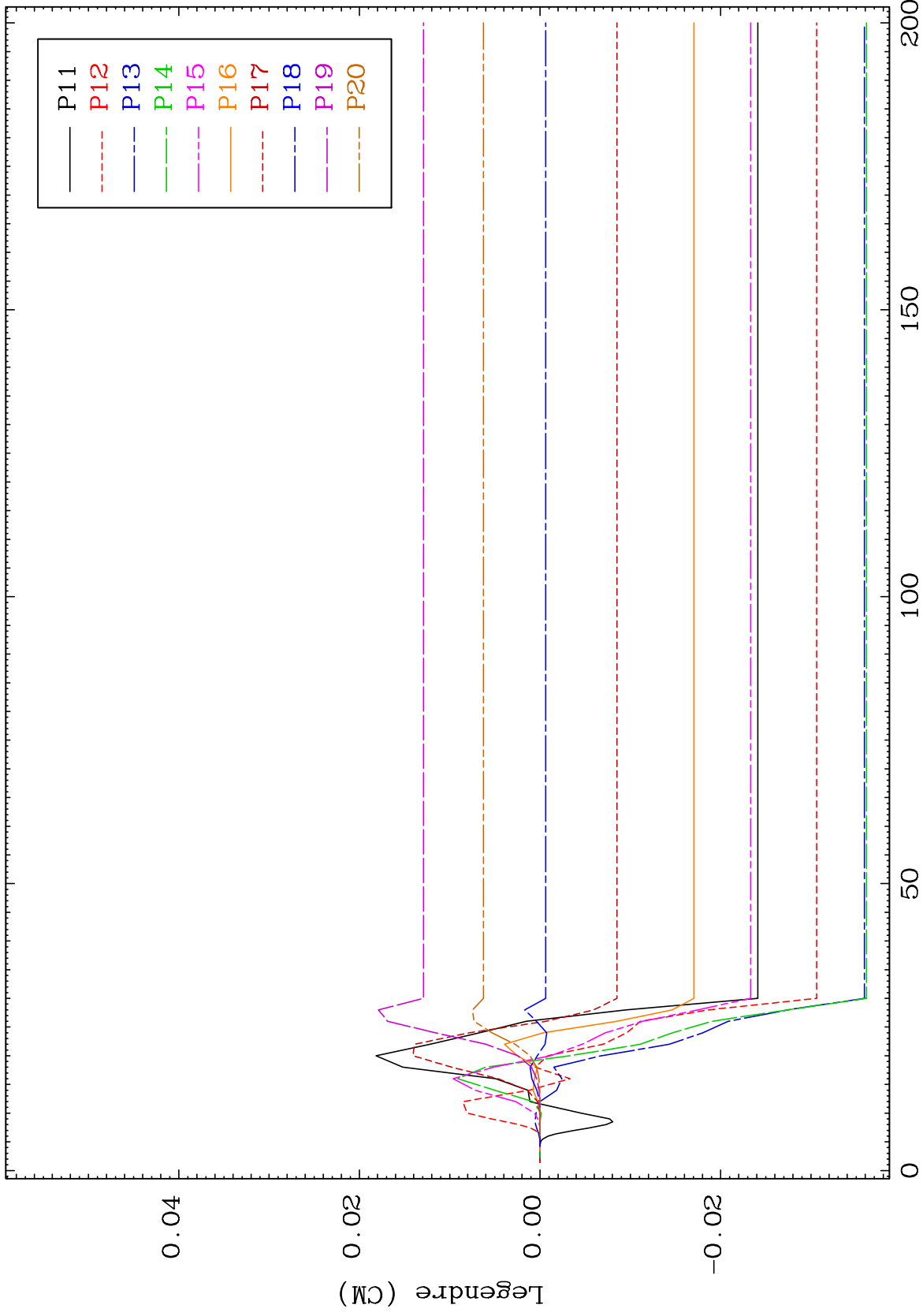
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



49

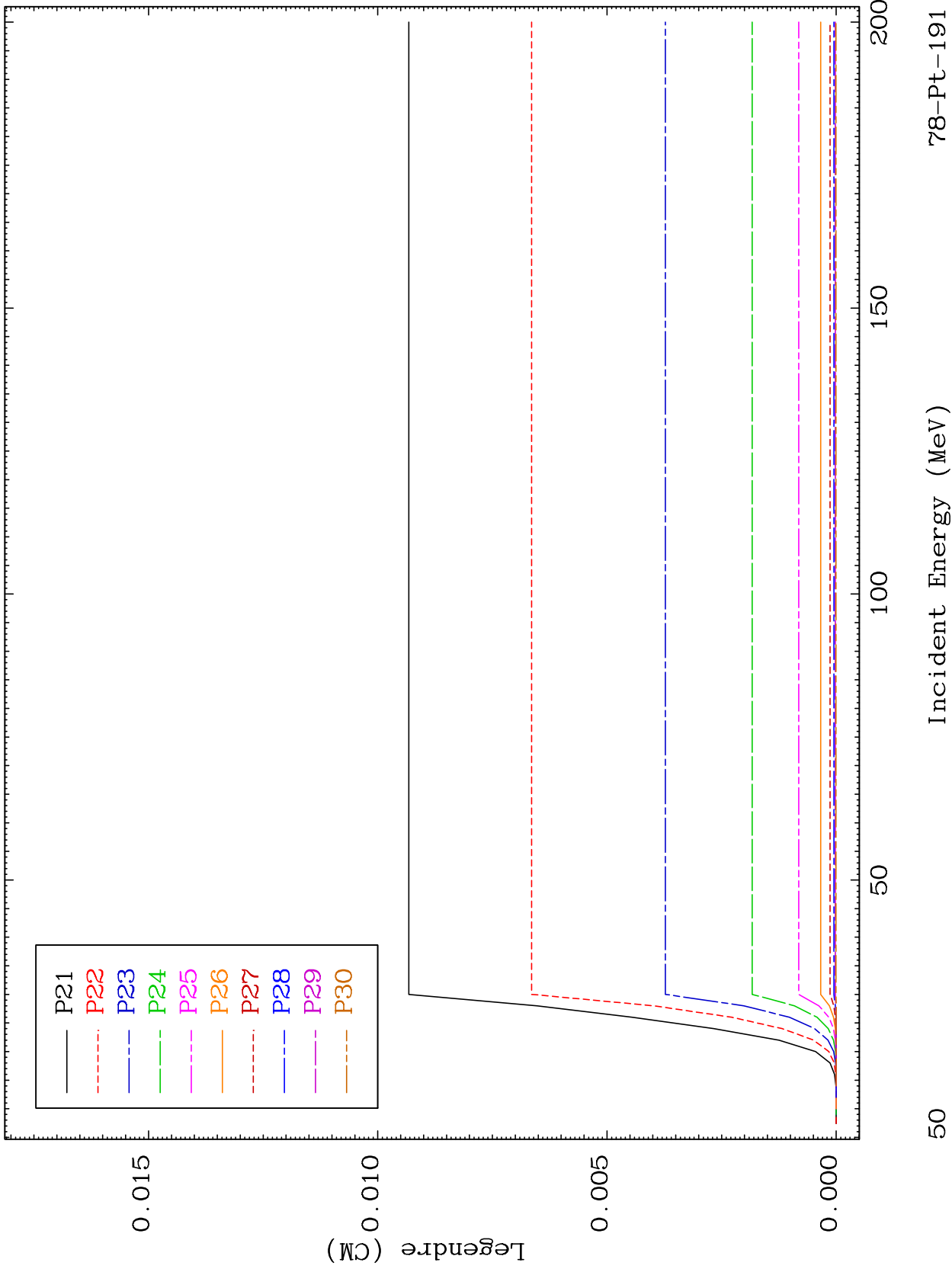
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

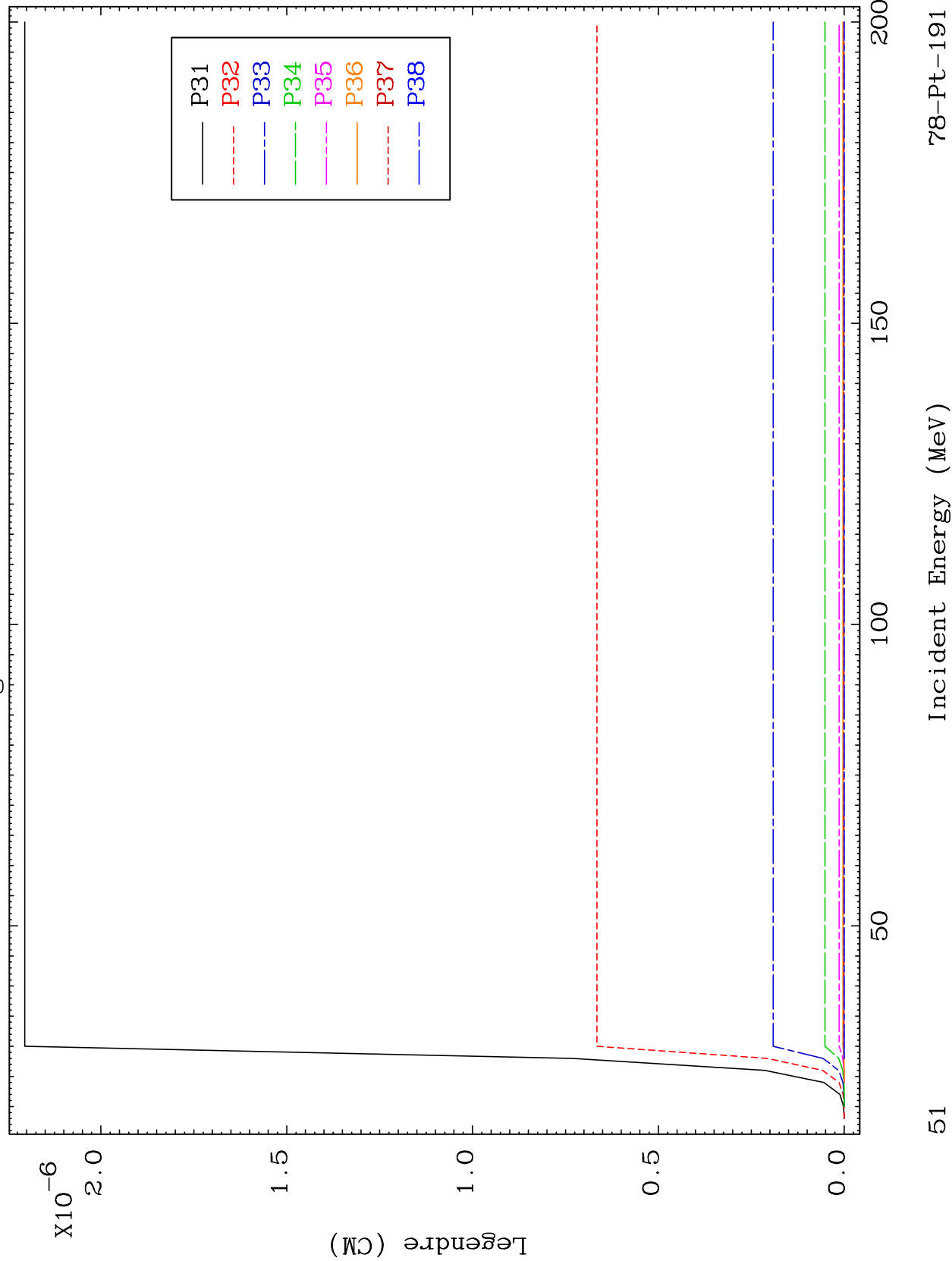
78-Pt-191



MAT 7828

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

78-Pt-191



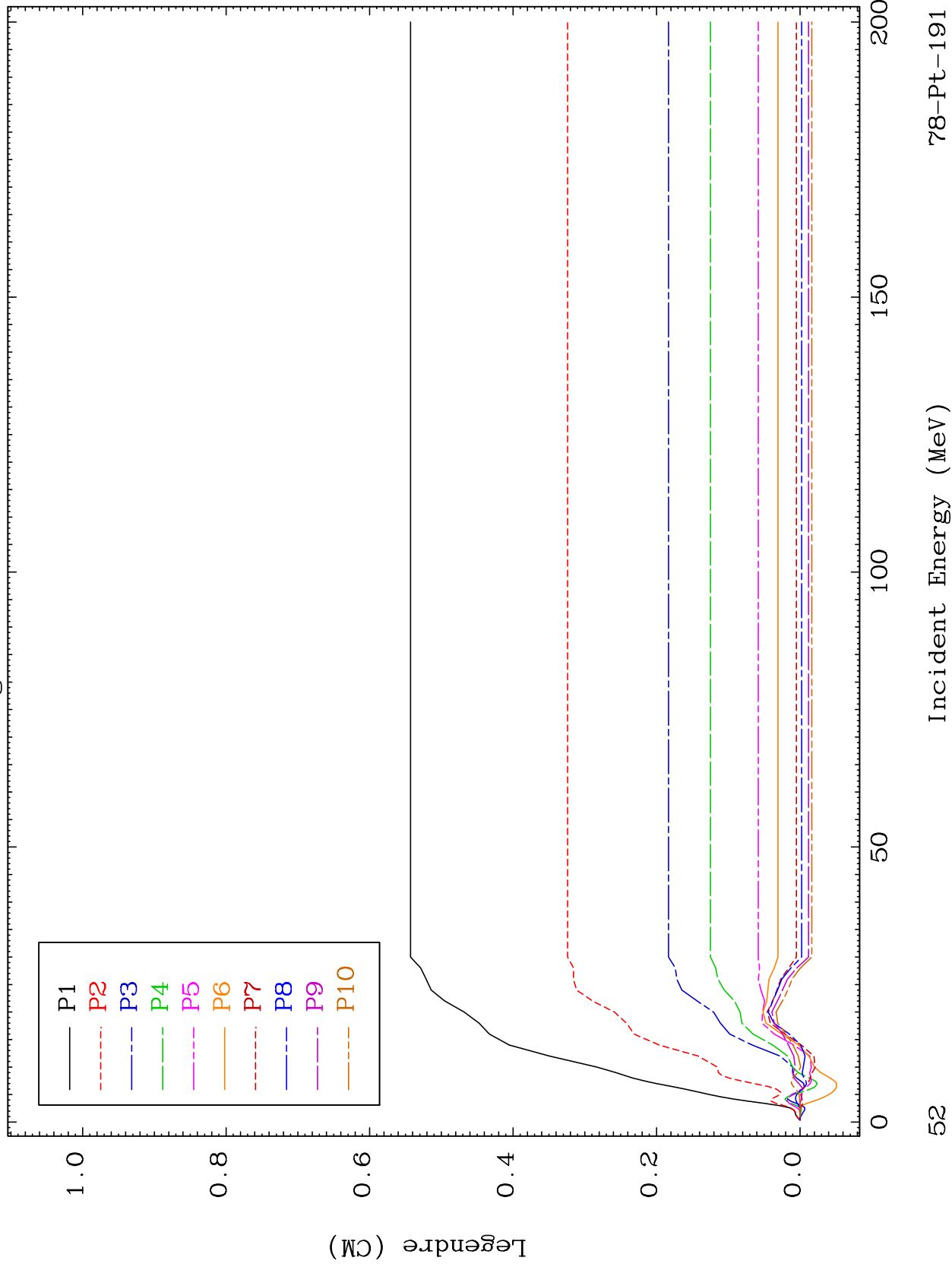
51

78-Pt-191

MAT 7828

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

78-Pt-191



52

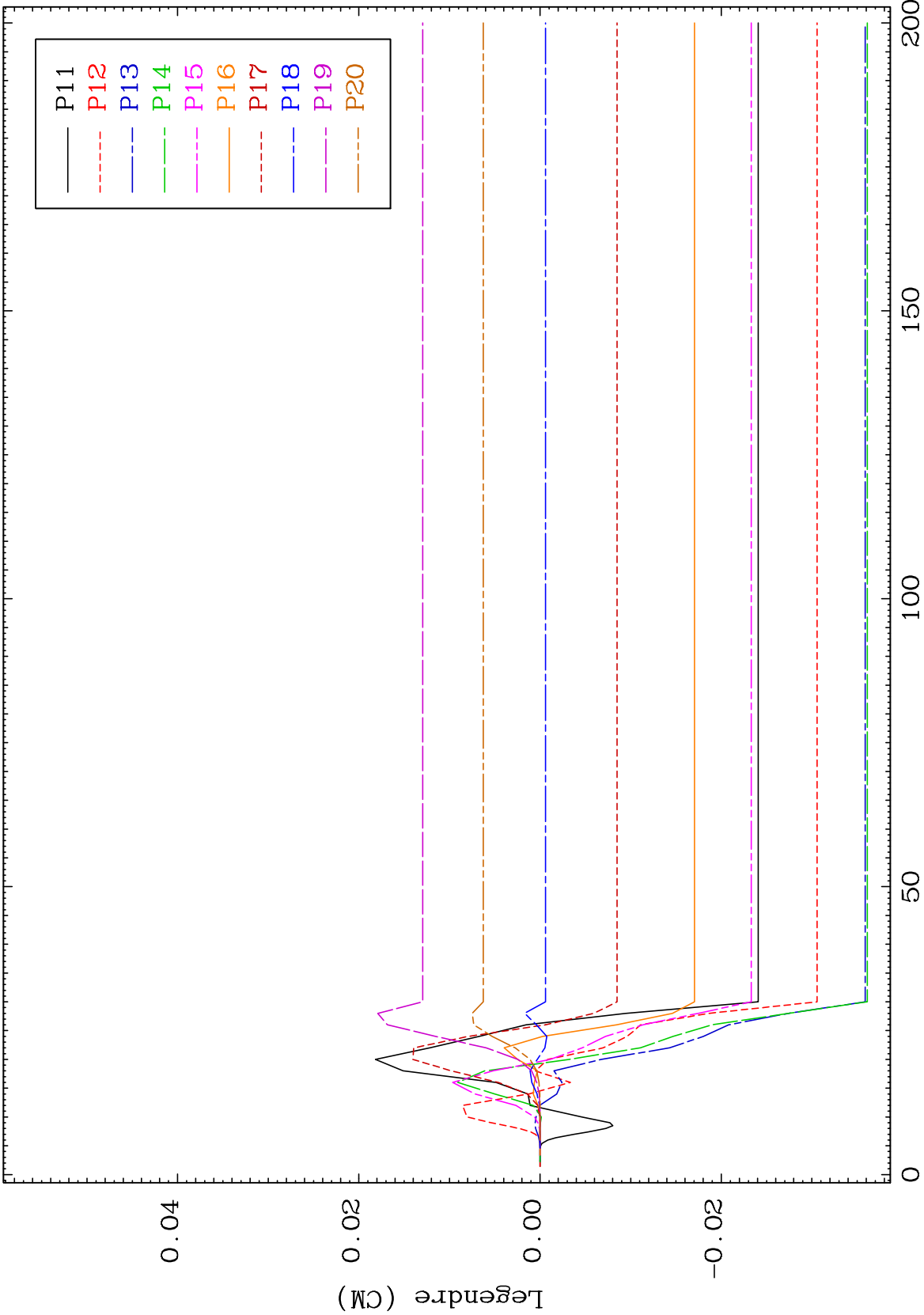
Incident Energy (MeV)

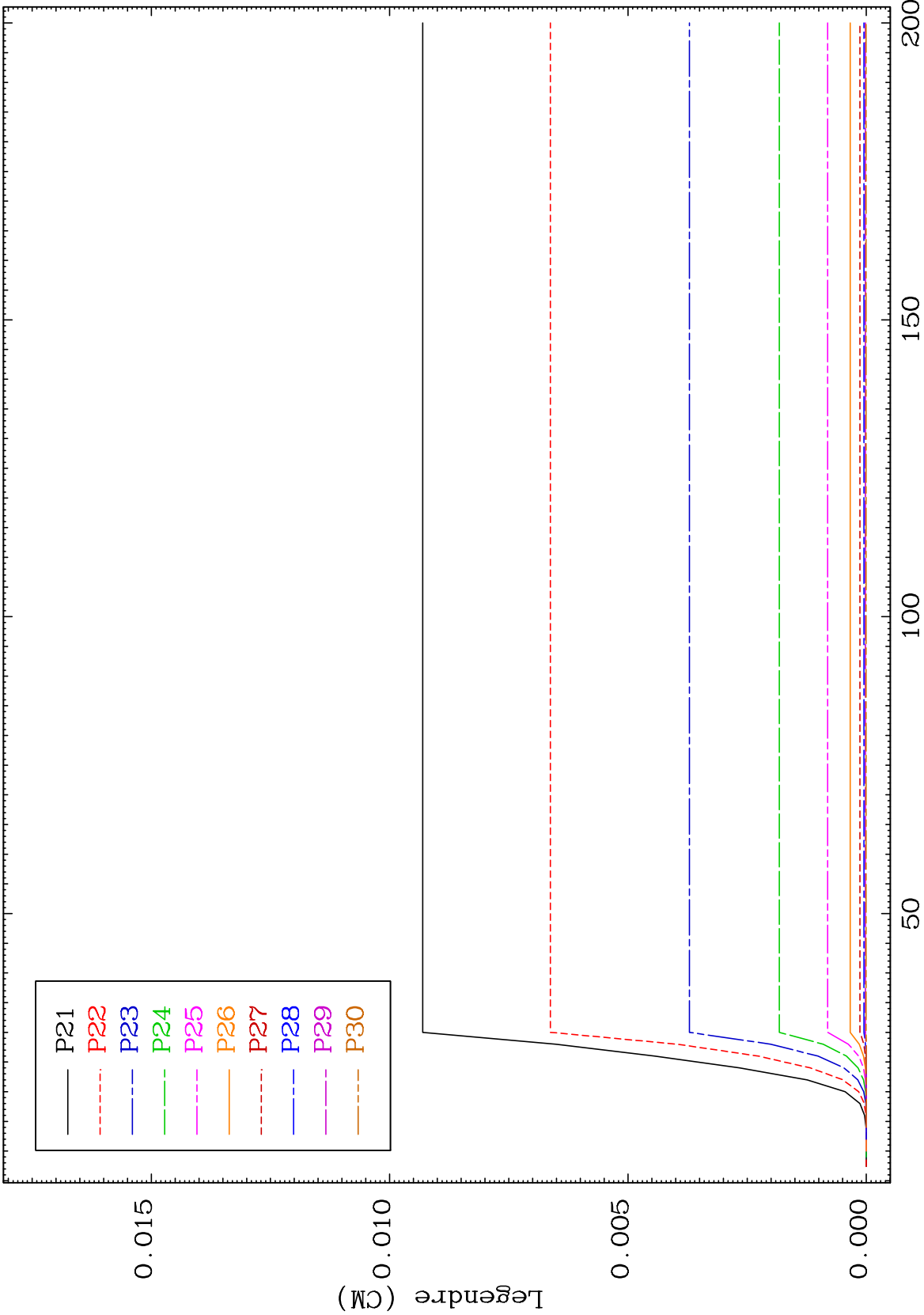
78-Pt-191

MAT 7828

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

78-Pt-191

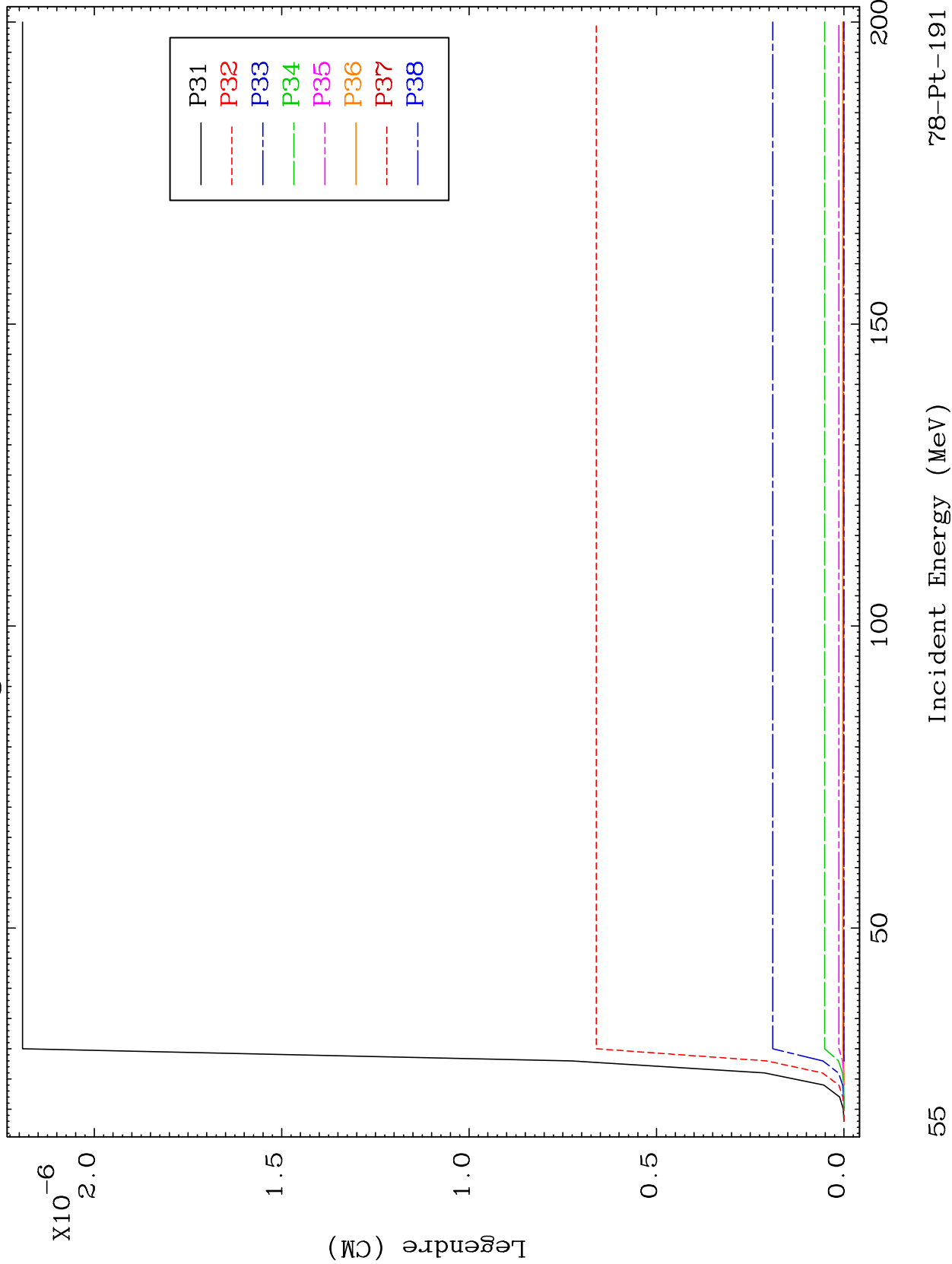




MAT 7828

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

78-Pt-191



78-Pt-191

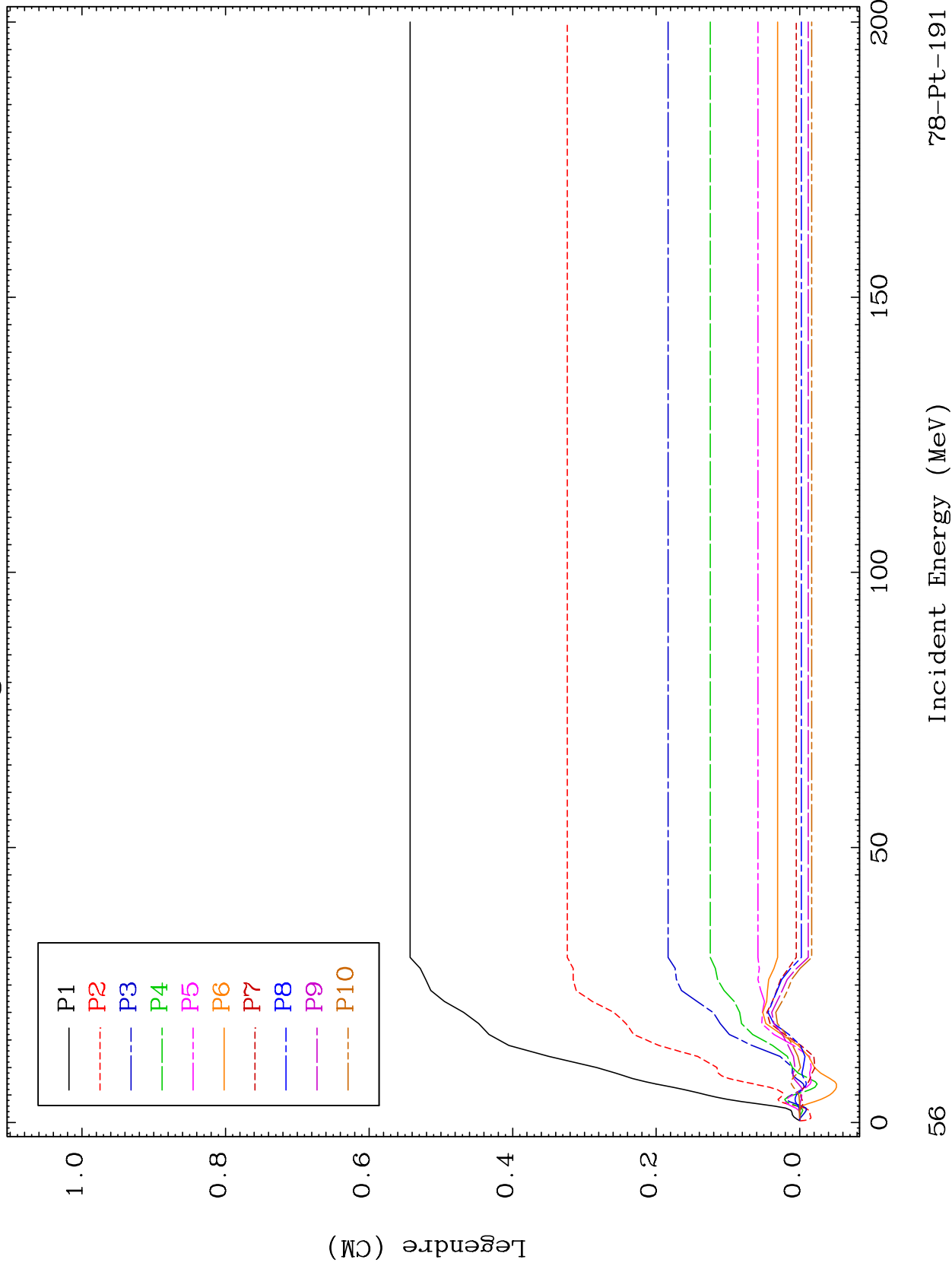
Incident Energy (MeV)

55

MAT 7828

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

78-Pt-191



56

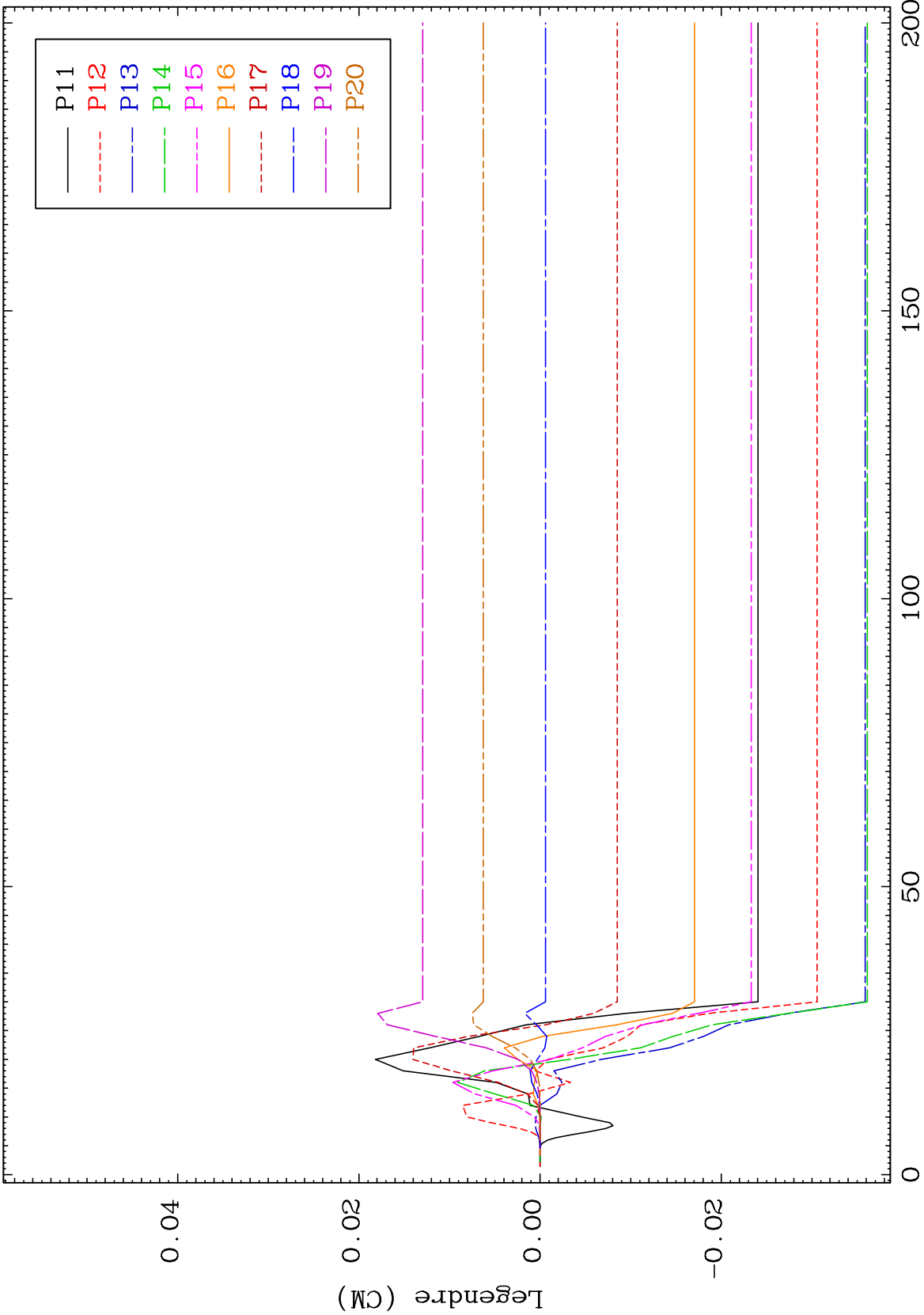
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



57

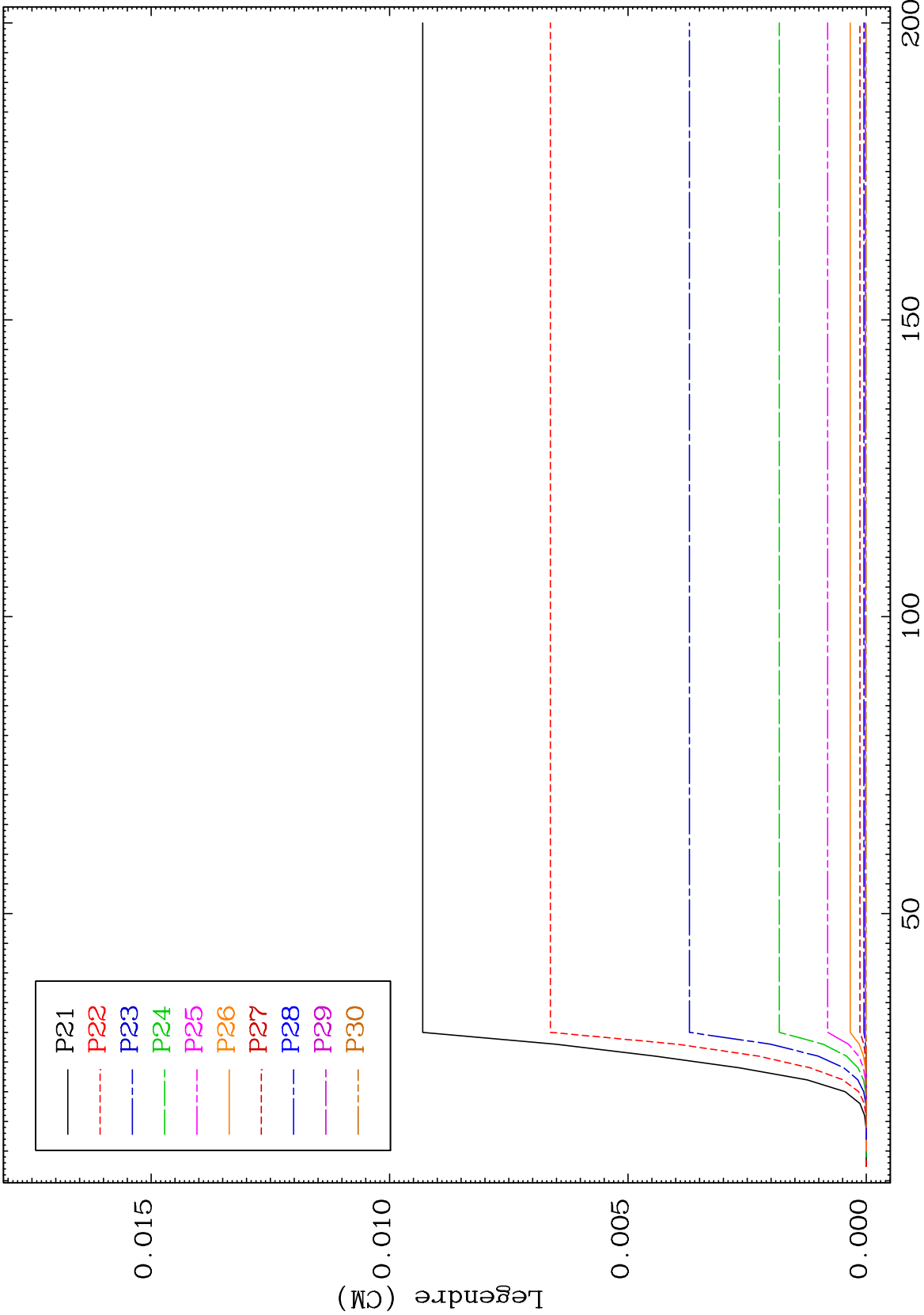
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



58

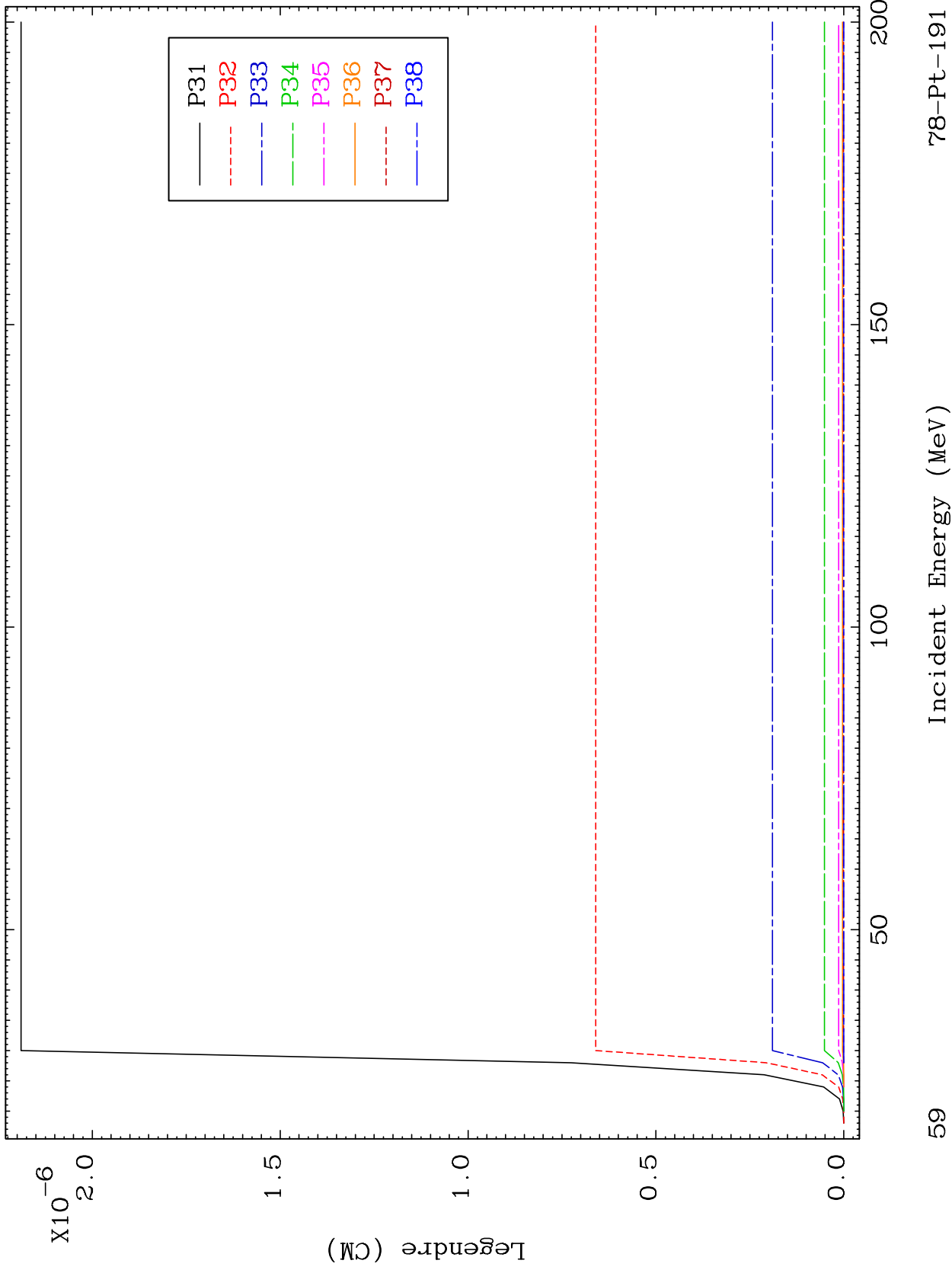
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



59

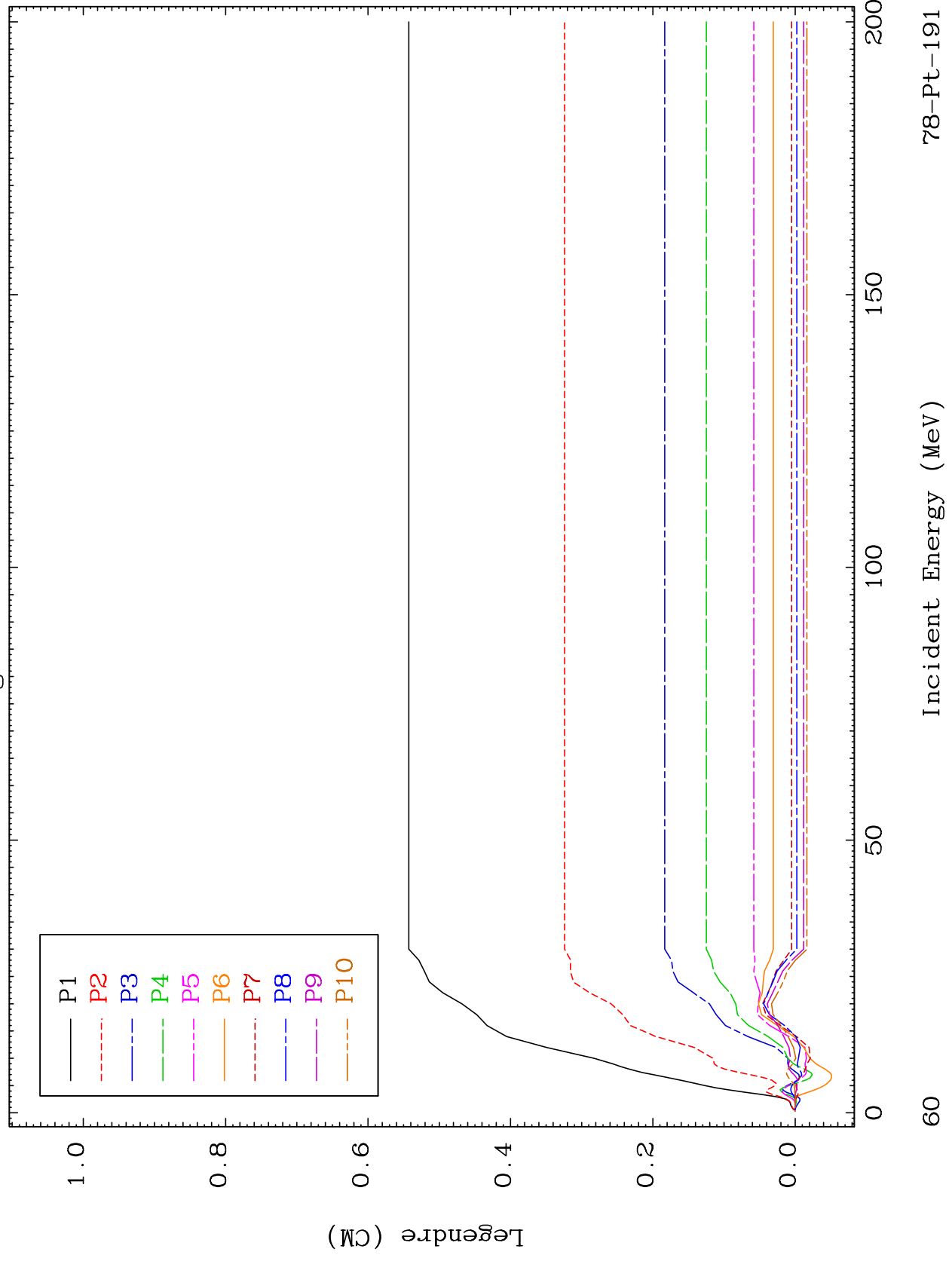
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

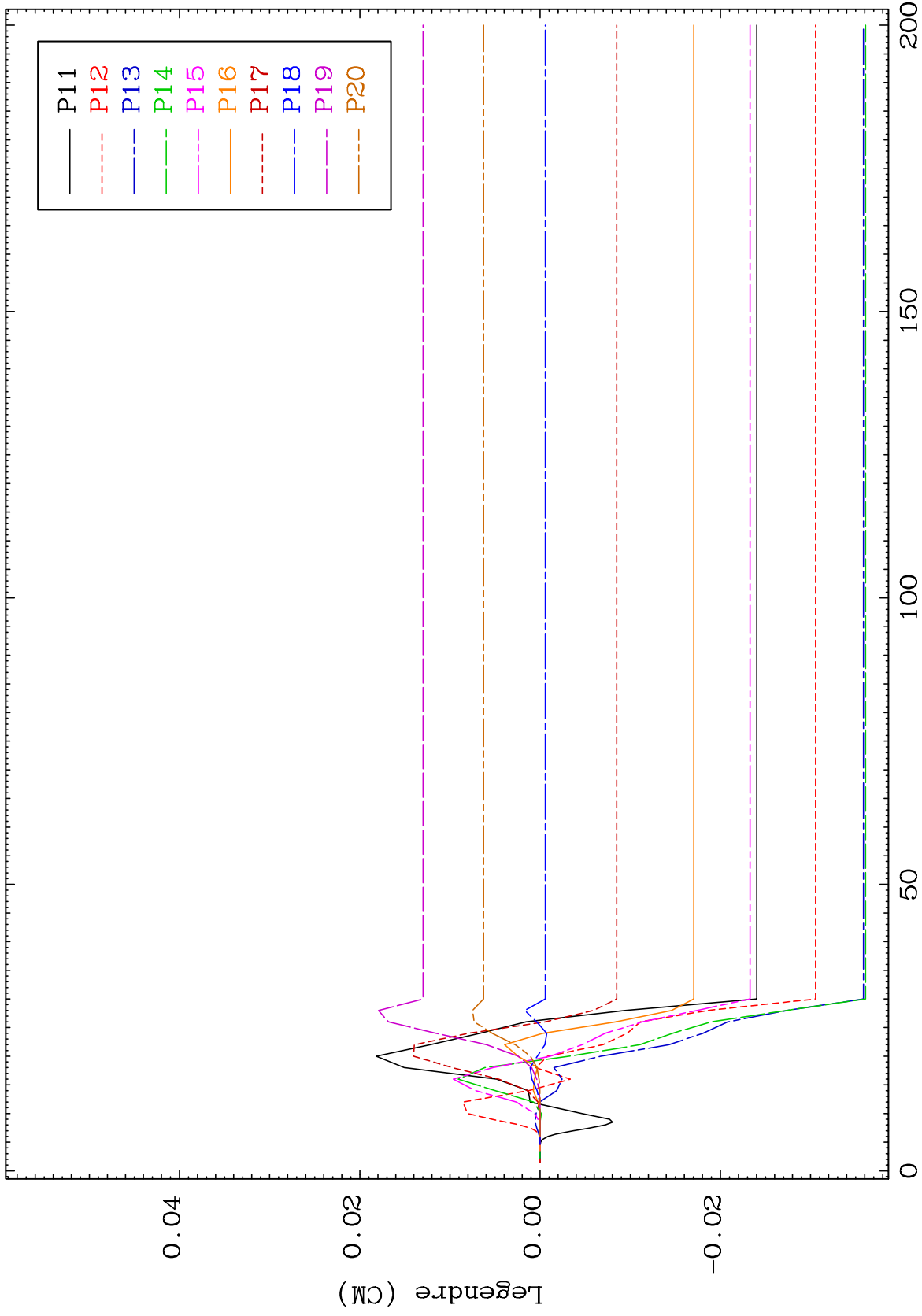
78-Pt-191



MAT 7828

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

78-Pt-191



61

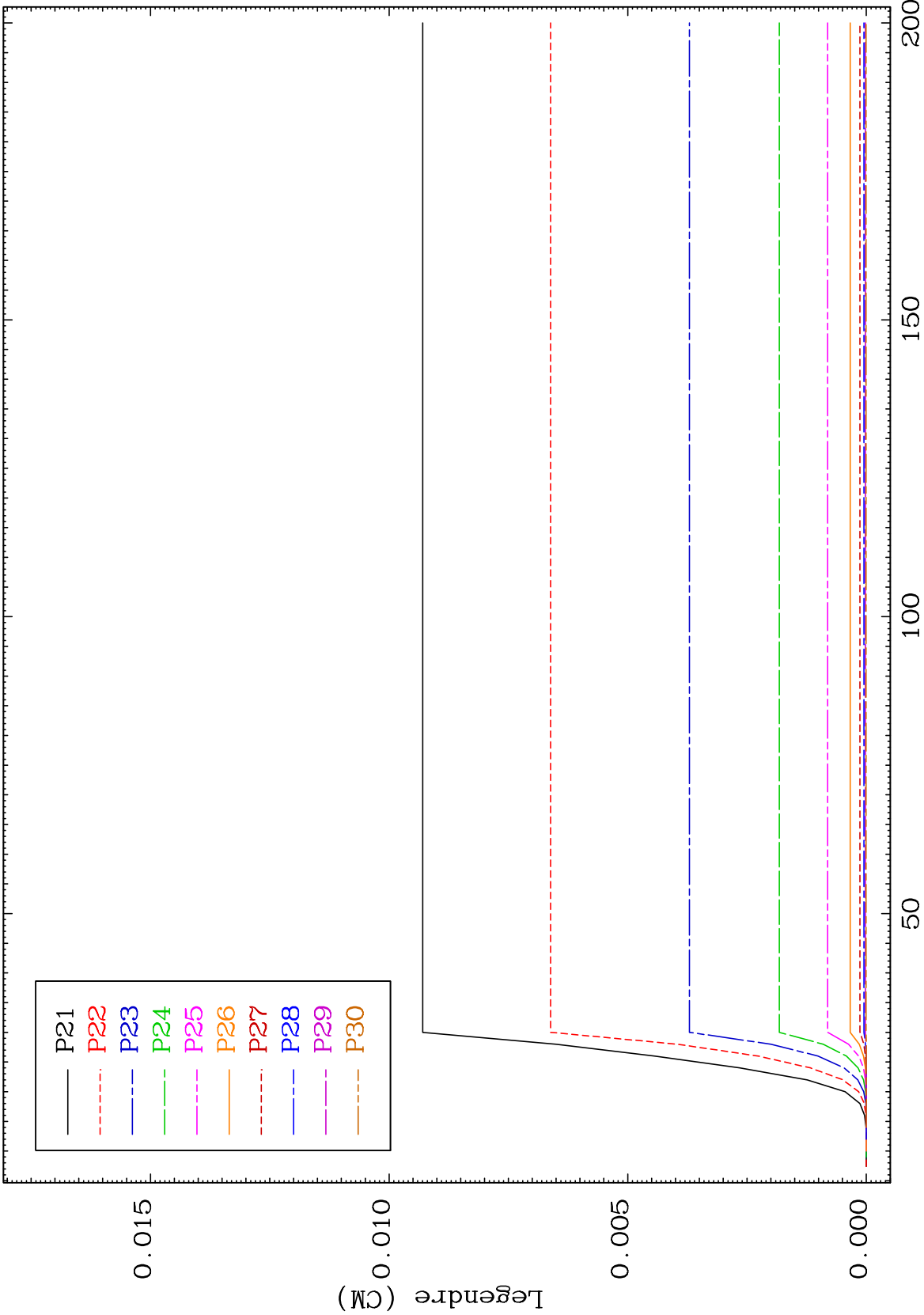
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



62

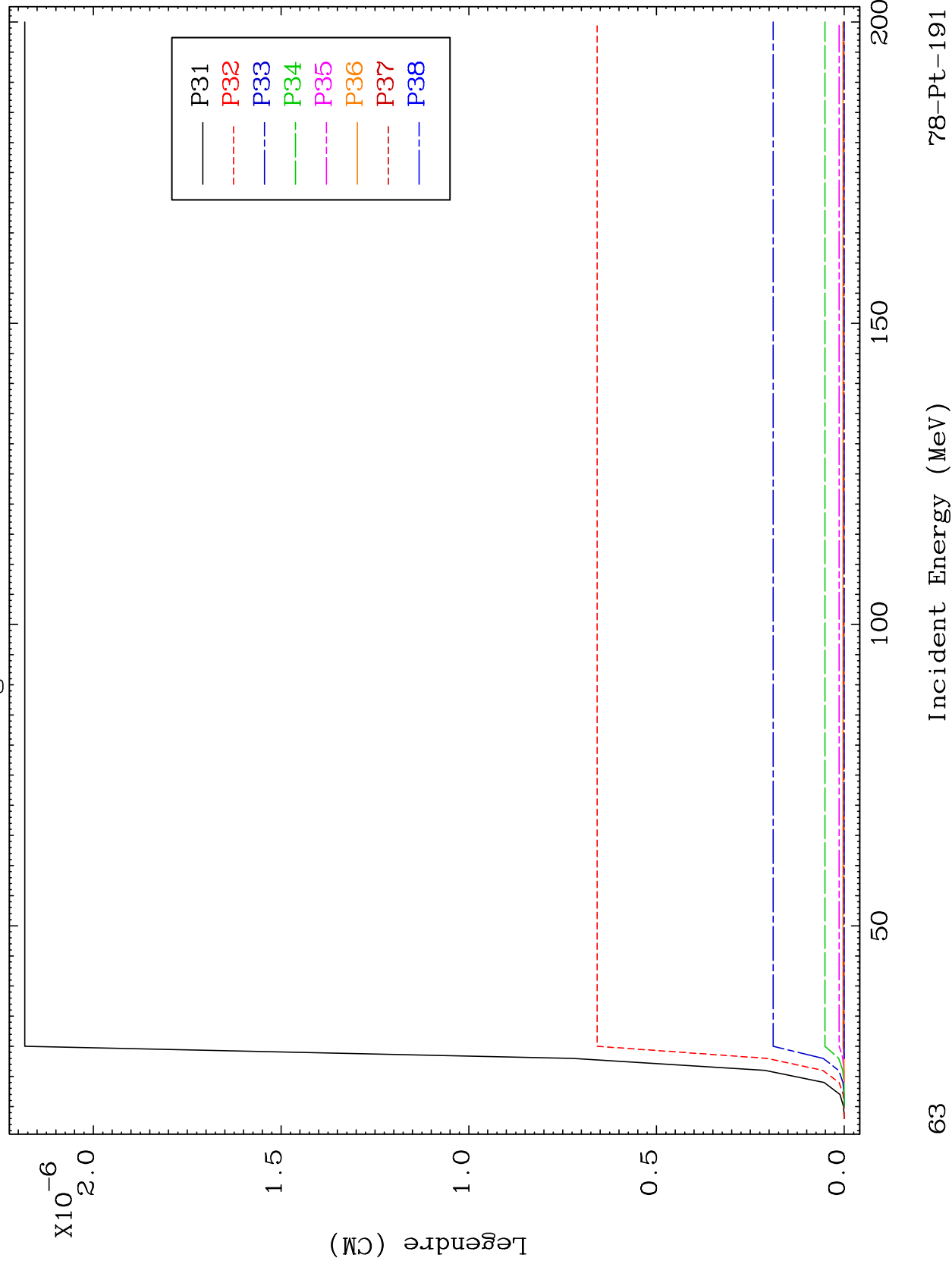
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191

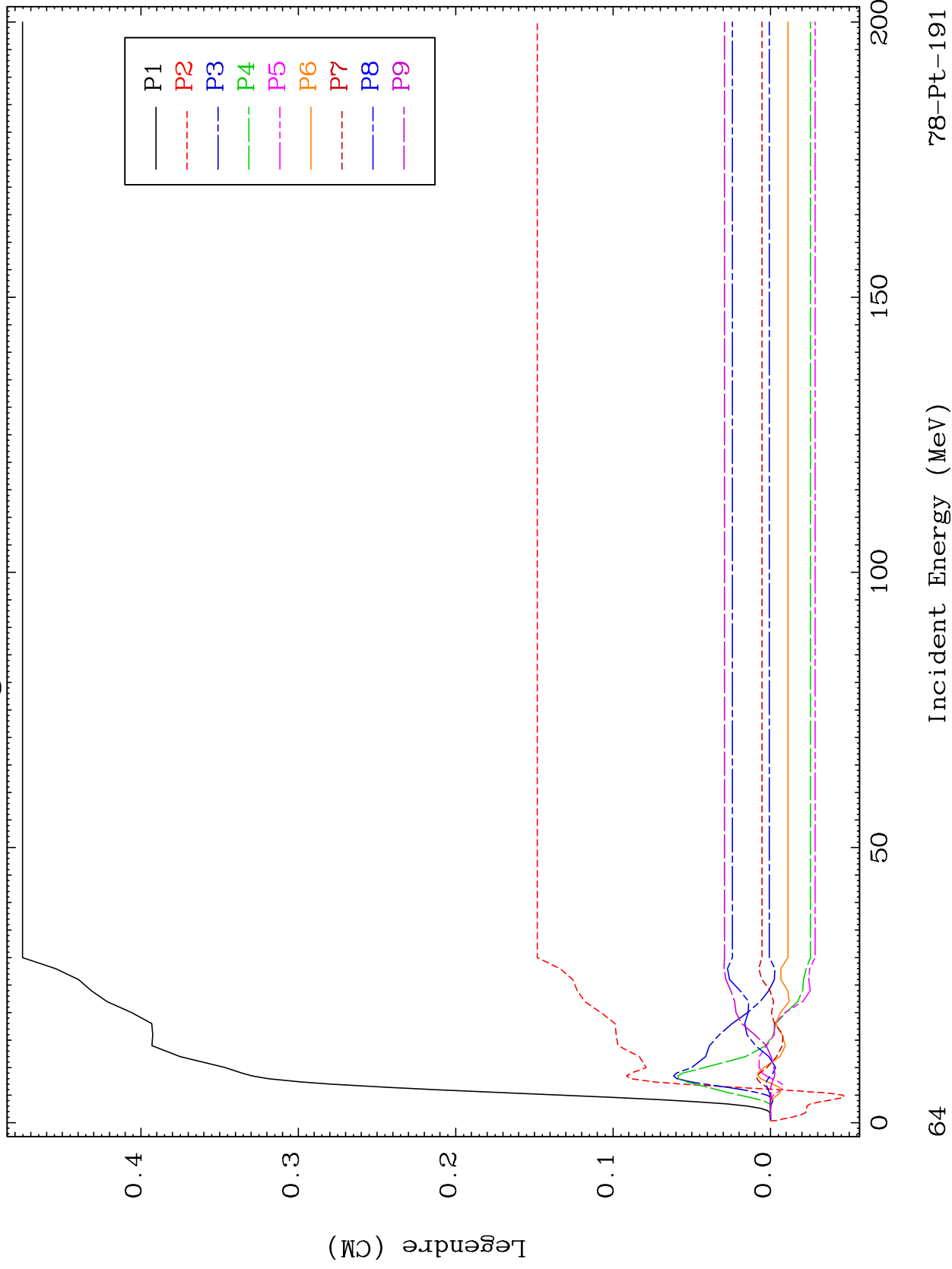


MAT 7828

MT= 62 (n,n') Level

78-Pt-191

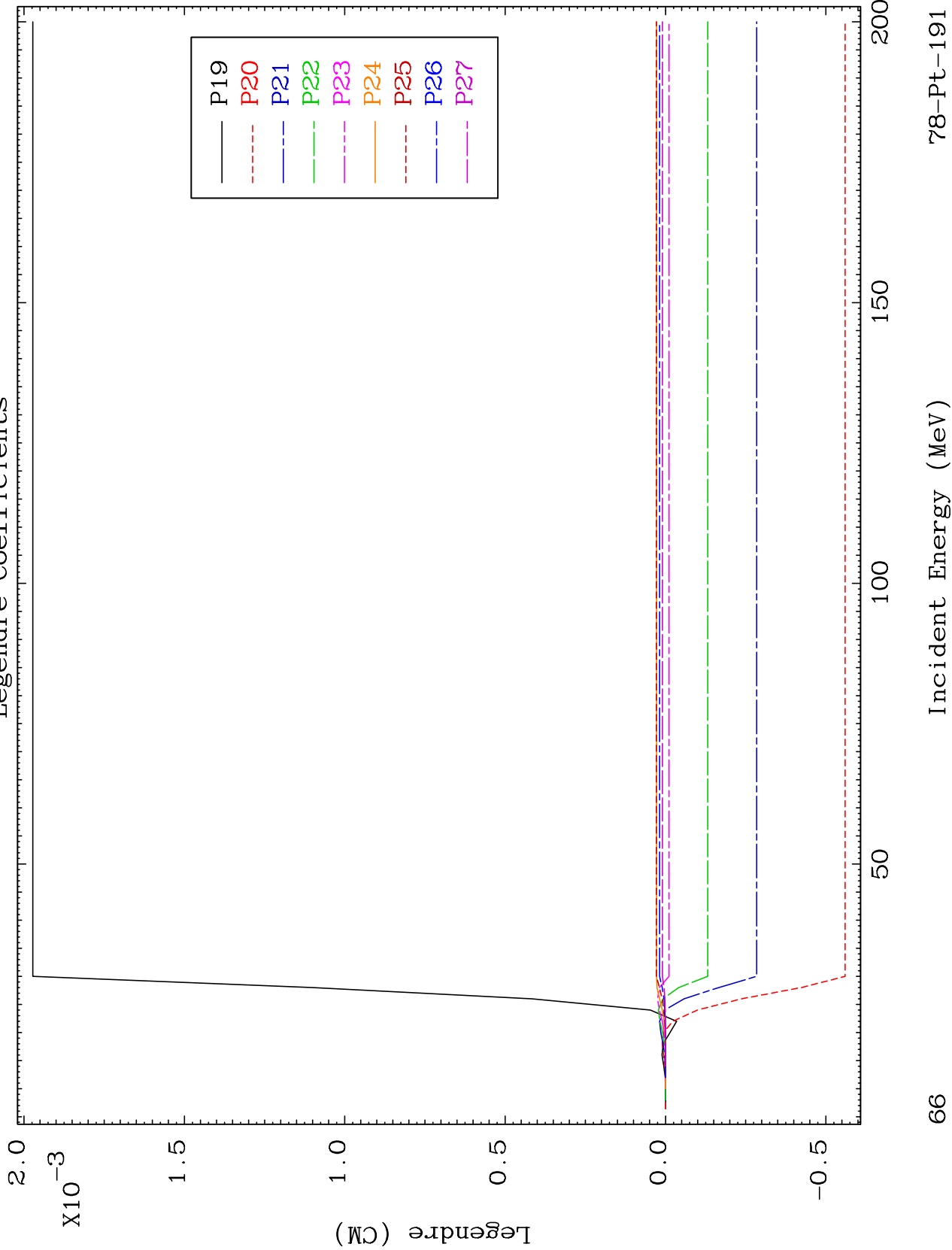
Legendre Coefficients



78-Pt-191

Incident Energy (MeV)

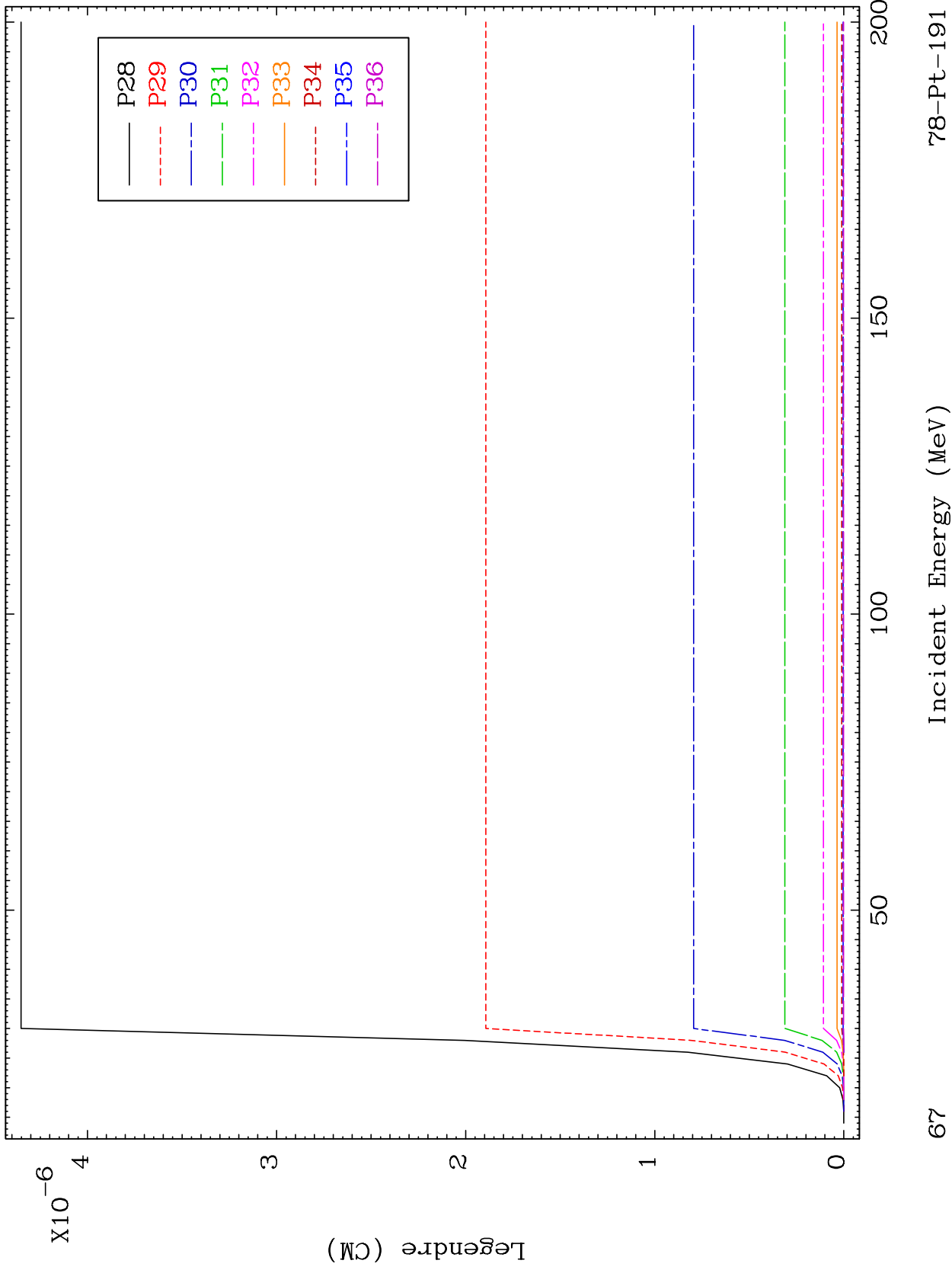
64



MAT 7828

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

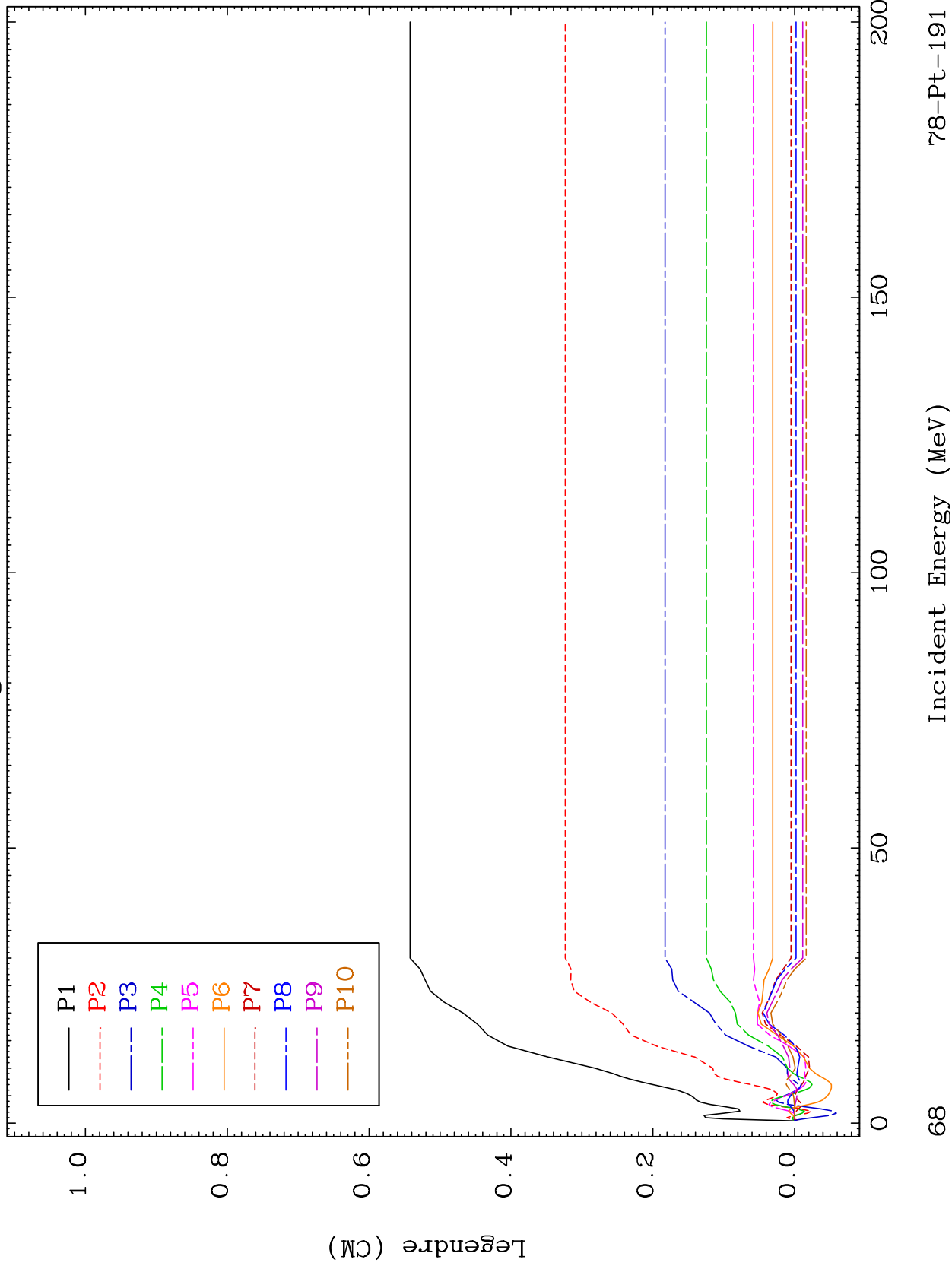
78-Pt-191



MAT 7828

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

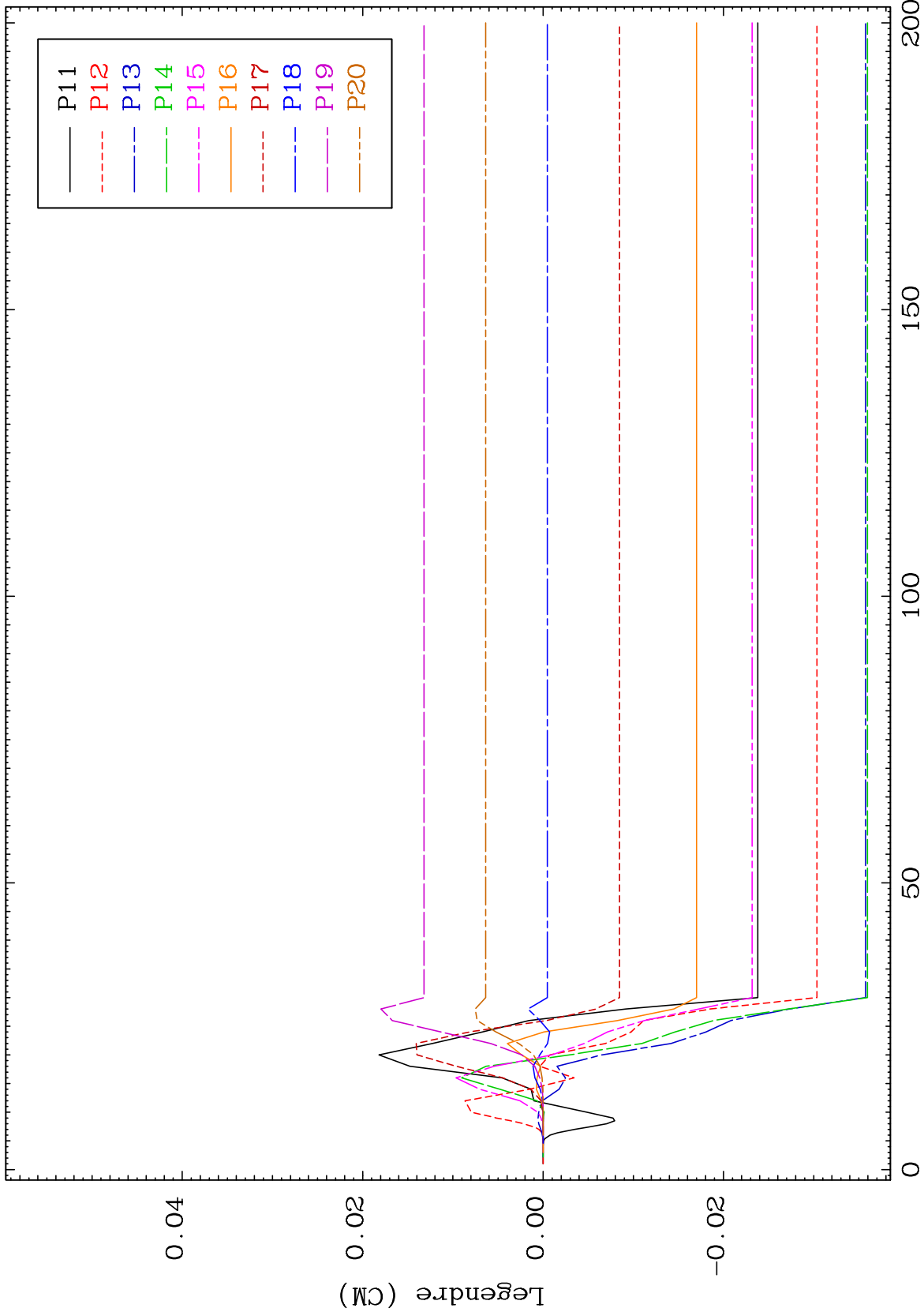
78-Pt-191



MAT 7828

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

78-Pt-191



69

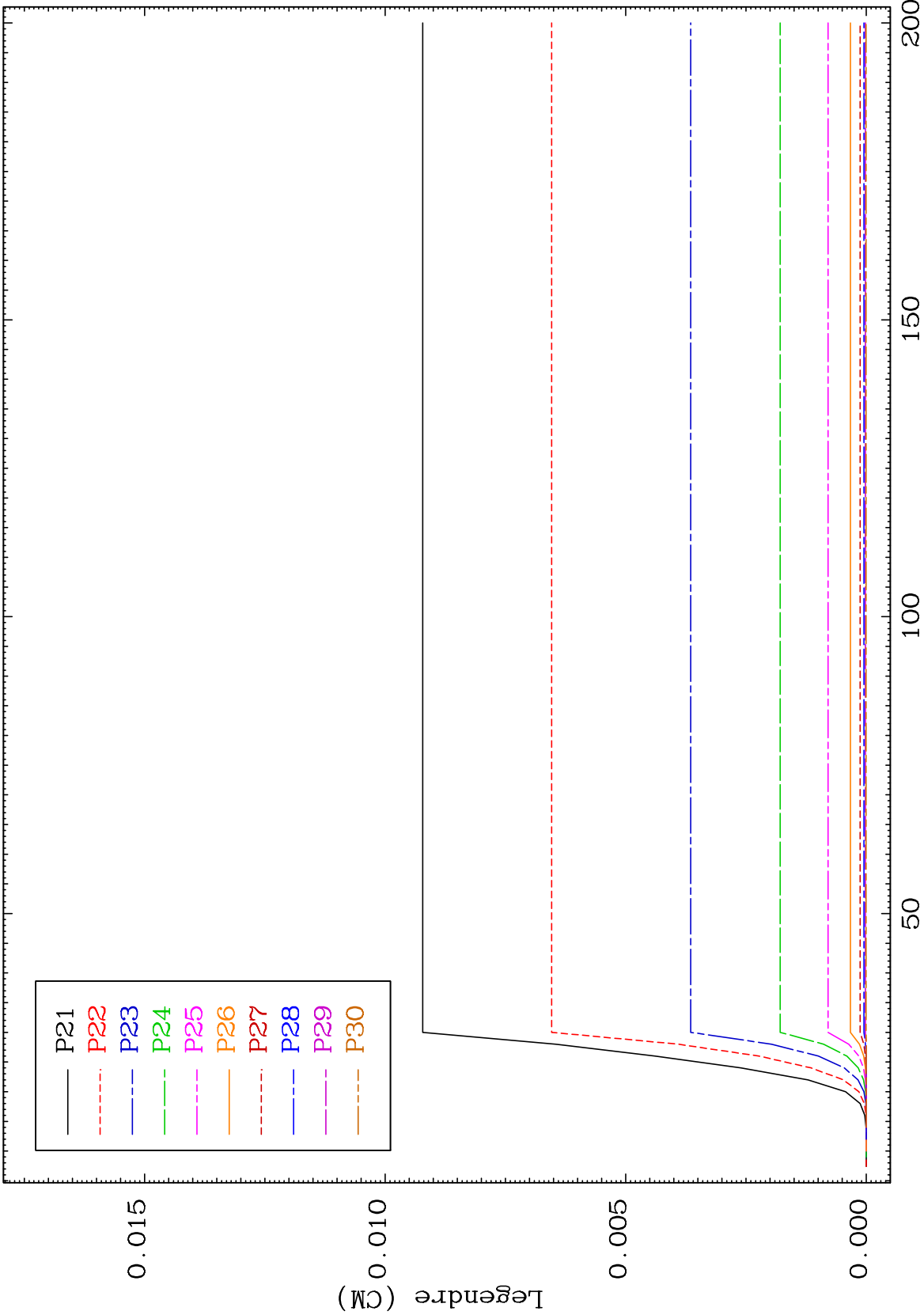
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



70

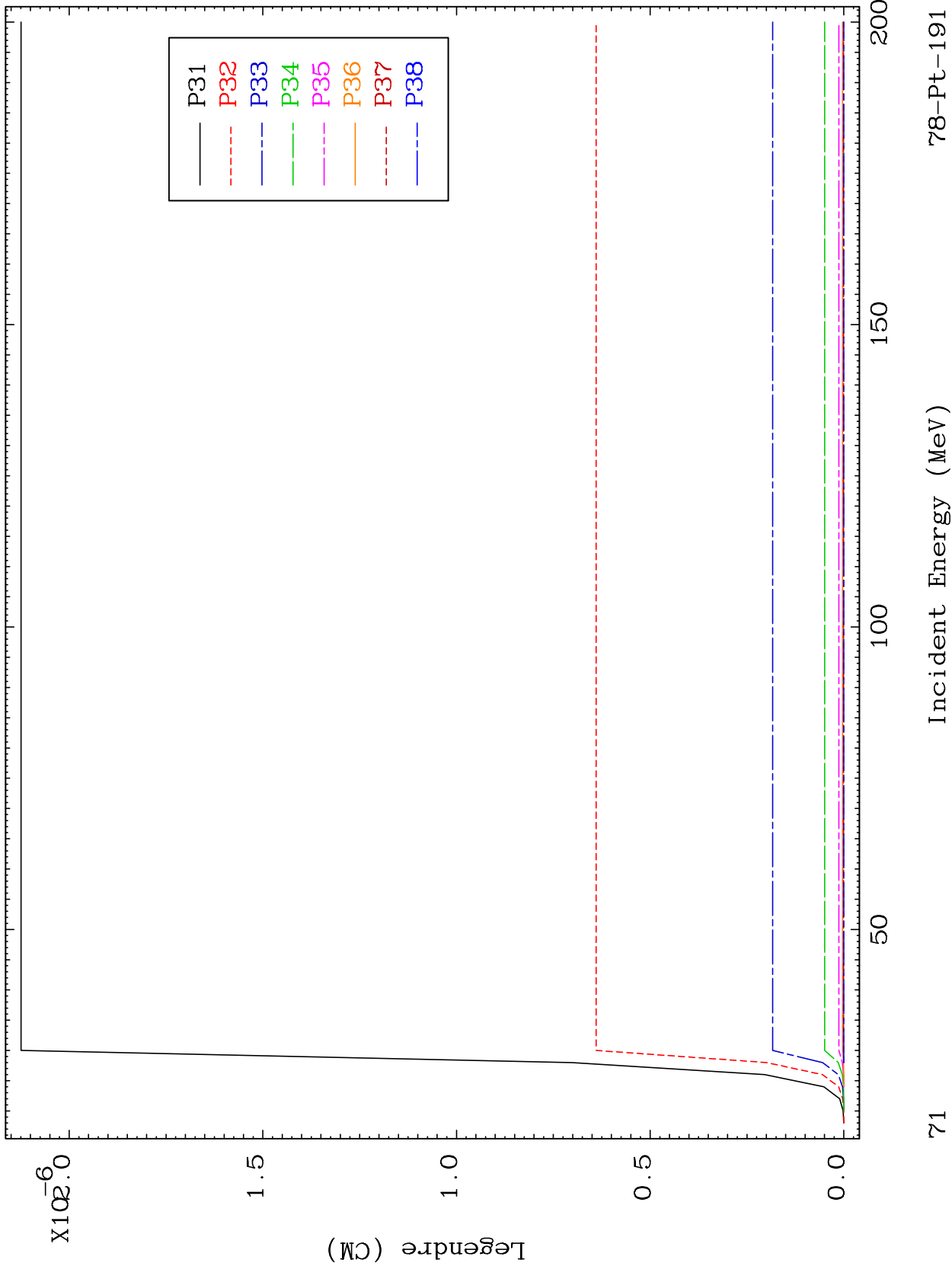
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

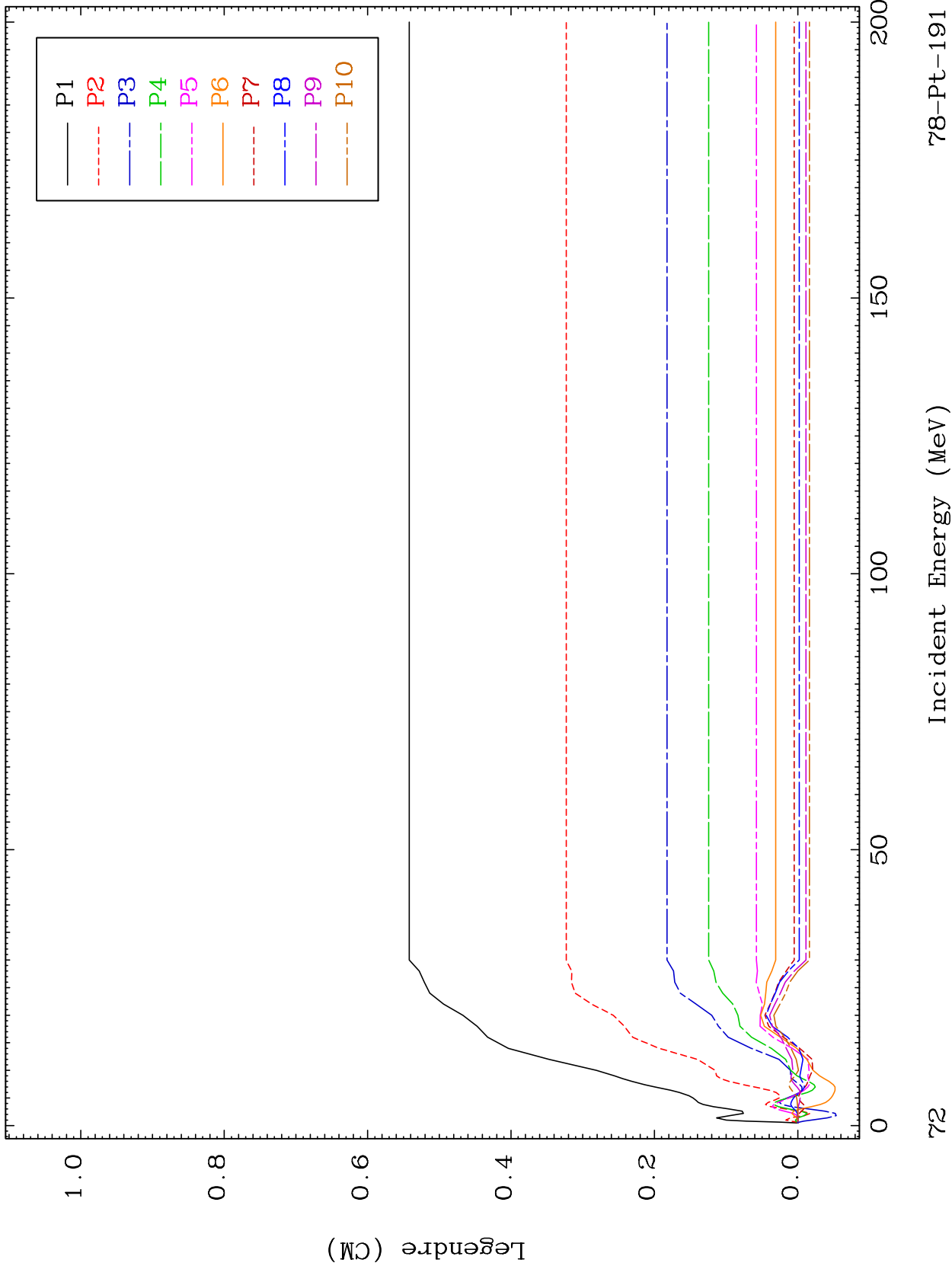
78-Pt-191



MAT 7828

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

78-Pt-191



78-Pt-191

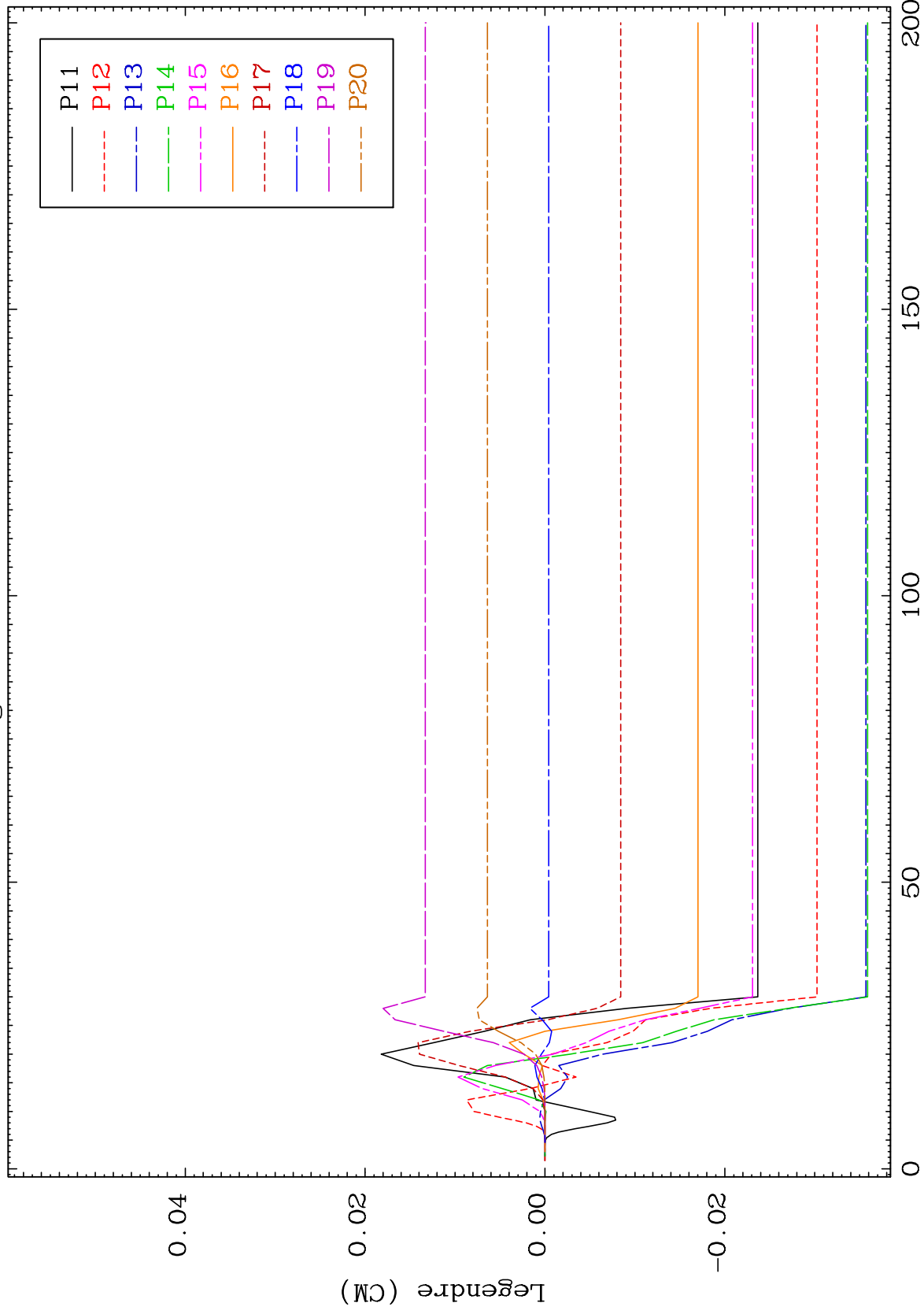
Incident Energy (MeV)

72

MAT 7828

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

78-Pt-191



73

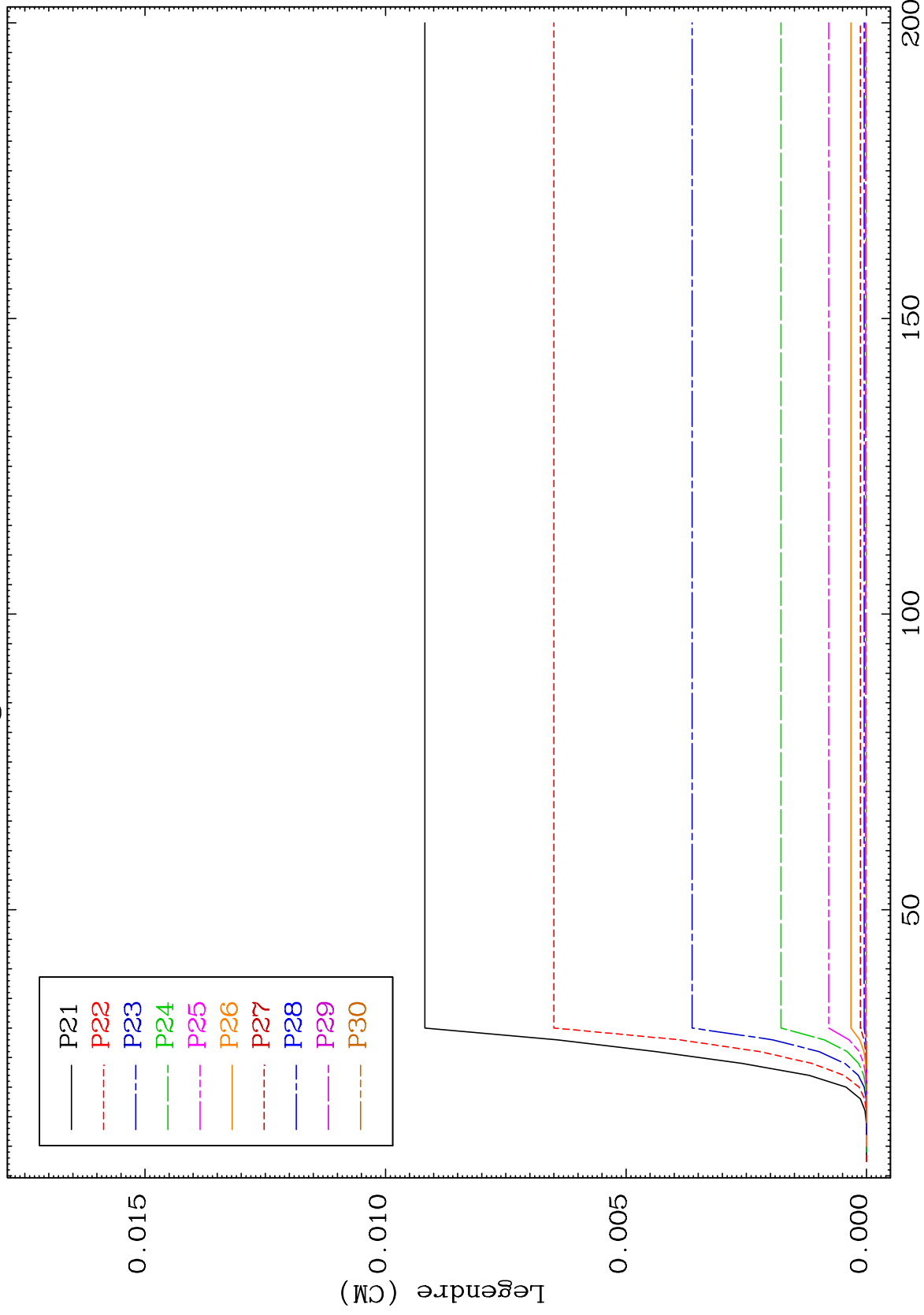
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



74

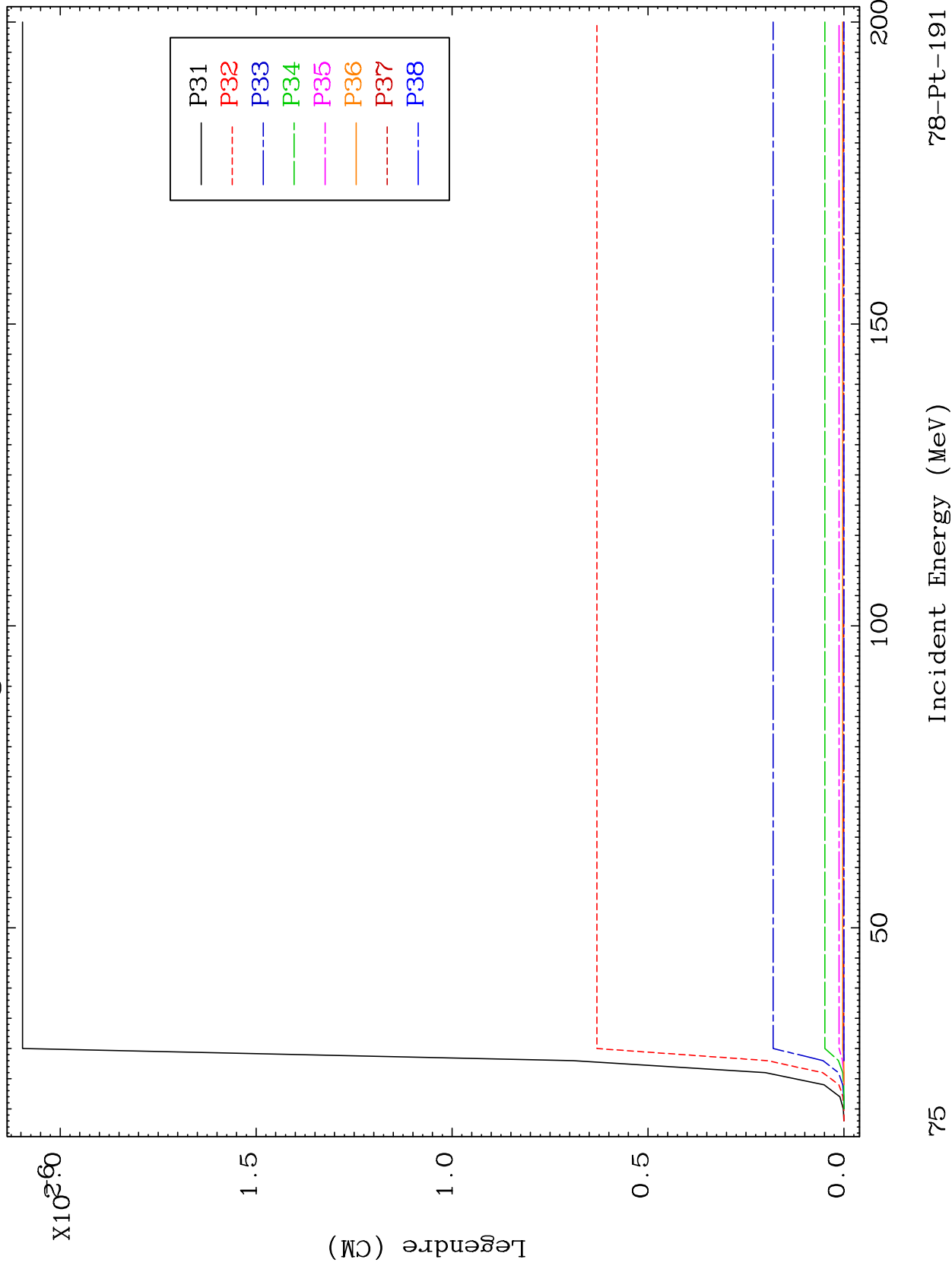
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



75

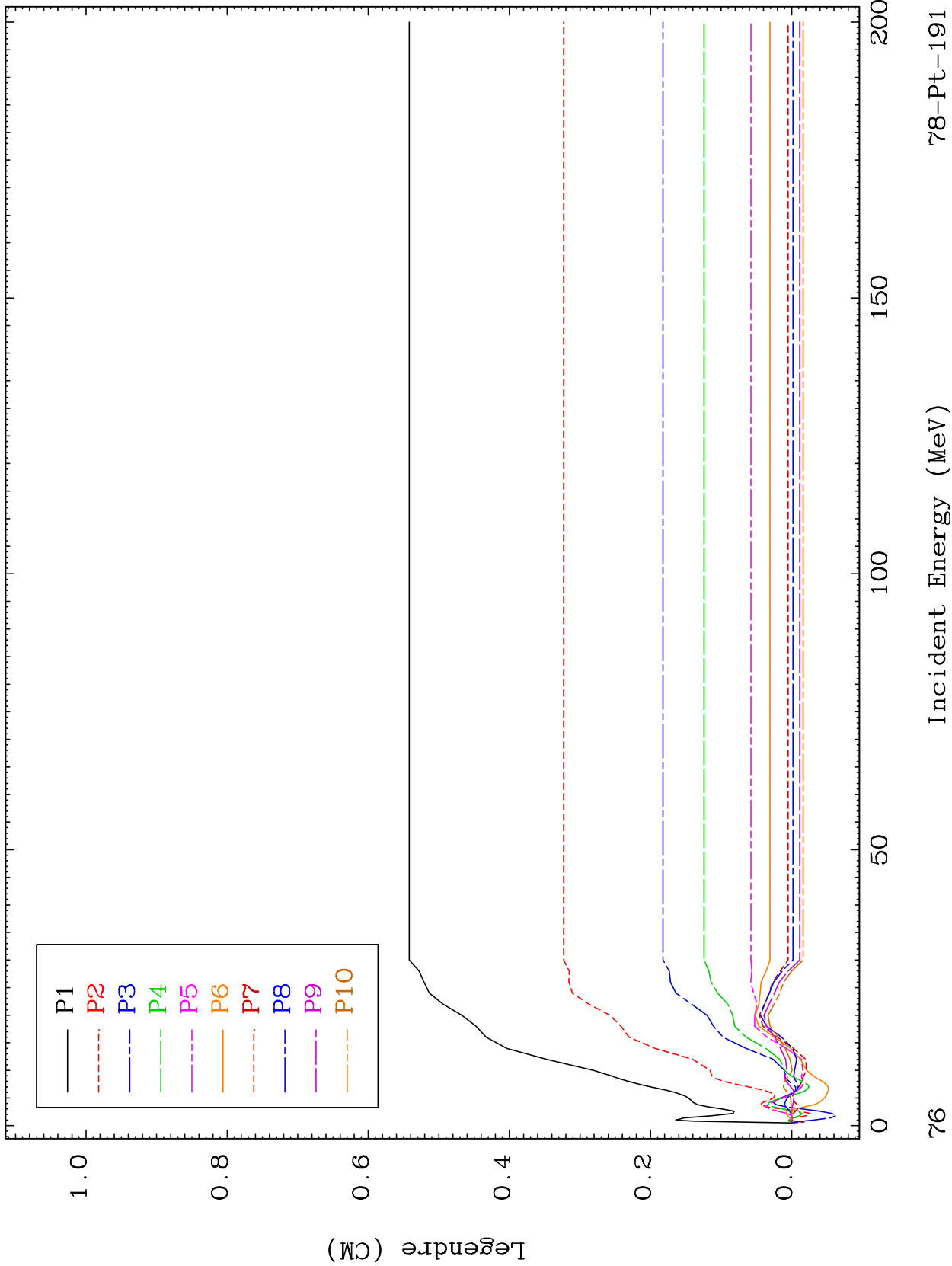
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

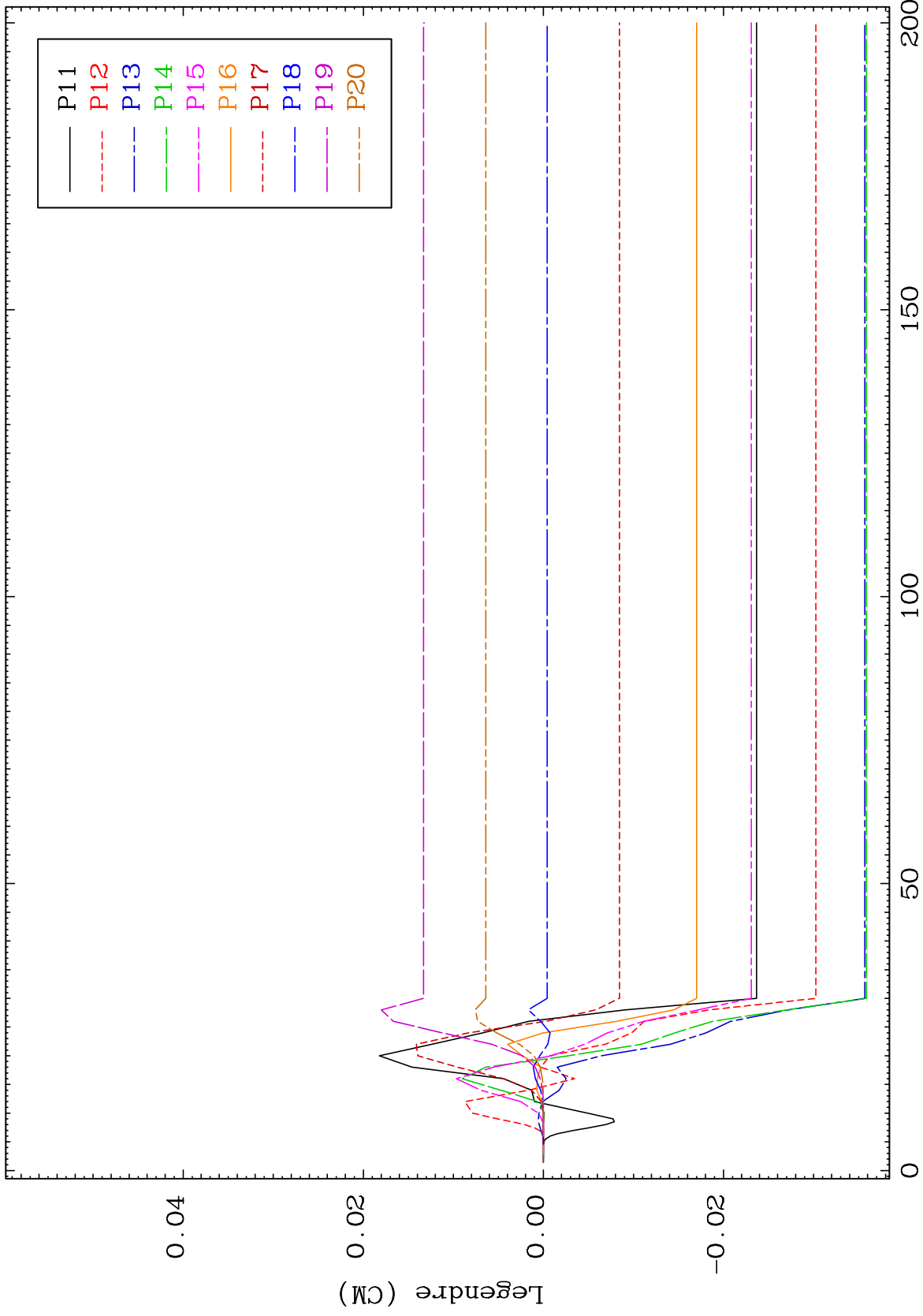
78-Pt-191



MAT 7828

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

78-Pt-191



77

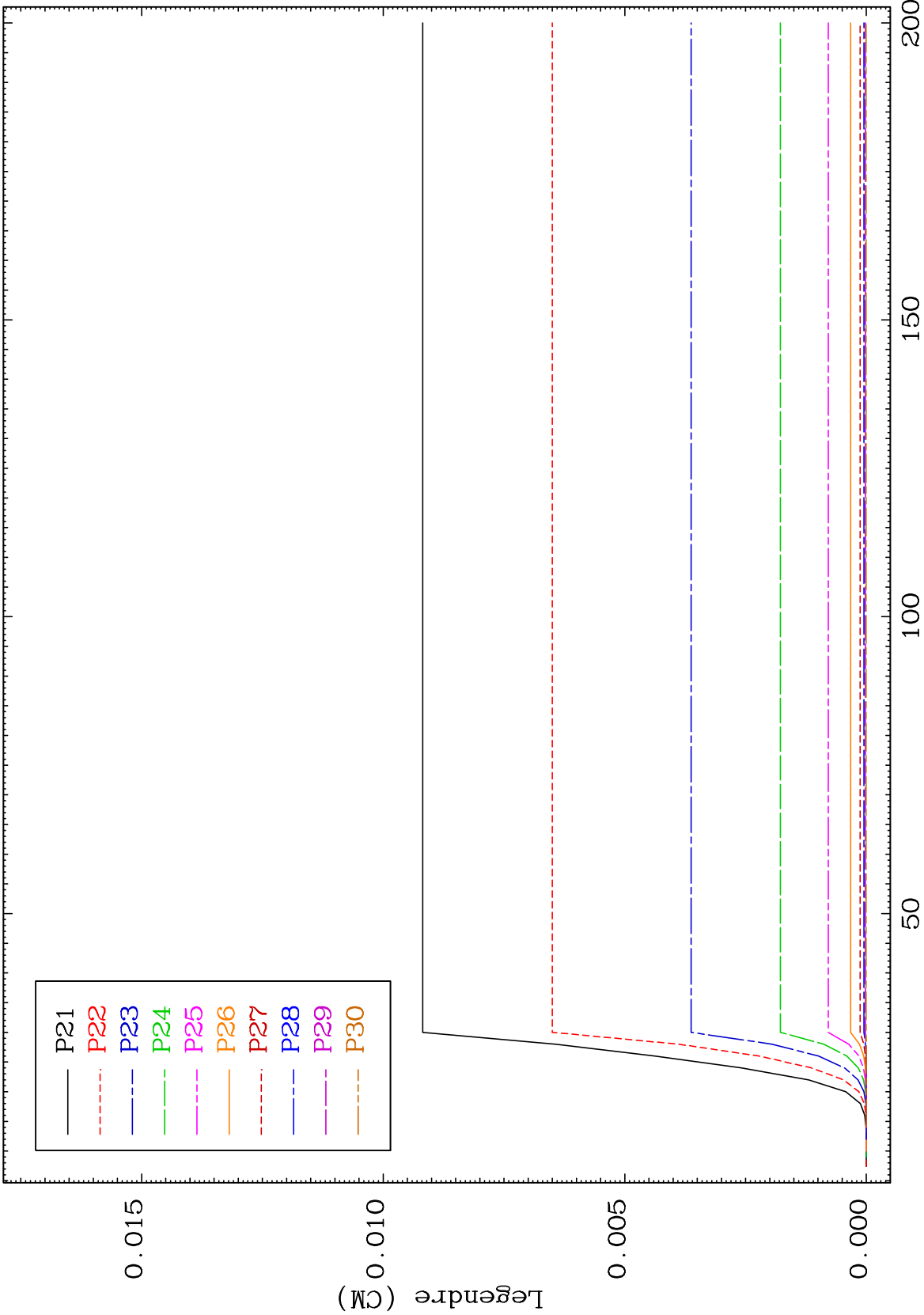
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



78

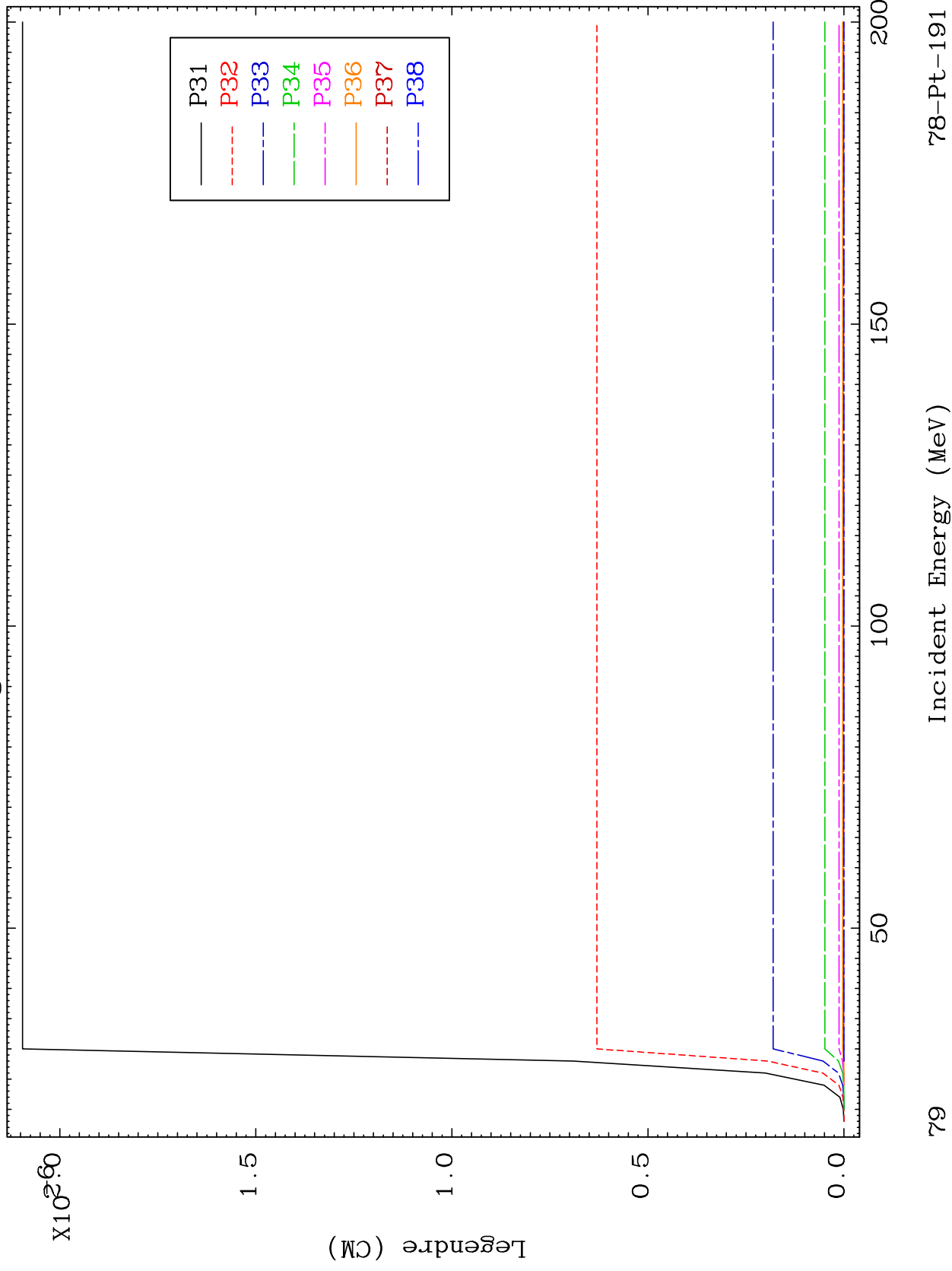
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191

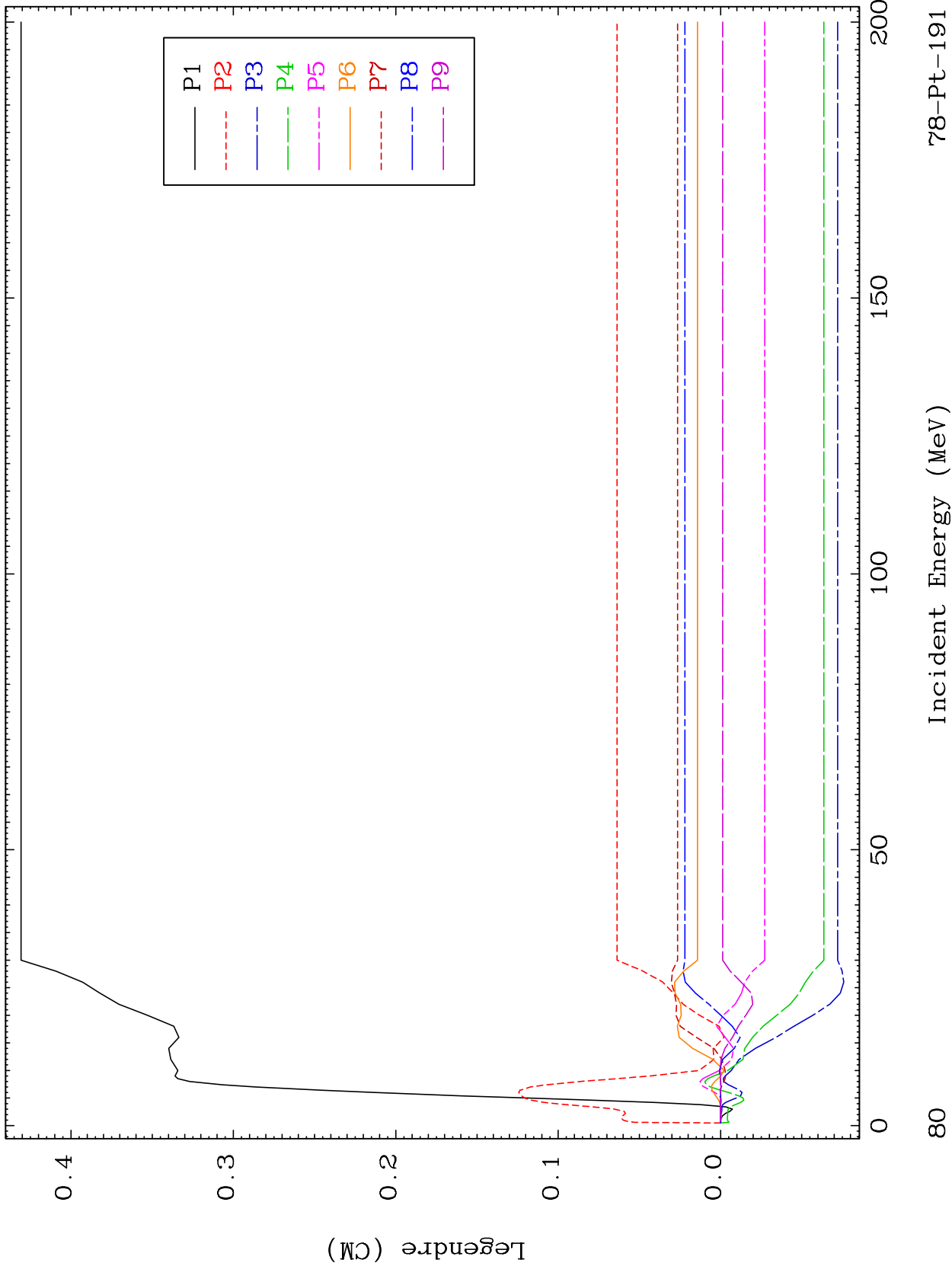


79

MAT 7828

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

78-Pt-191



78-Pt-191

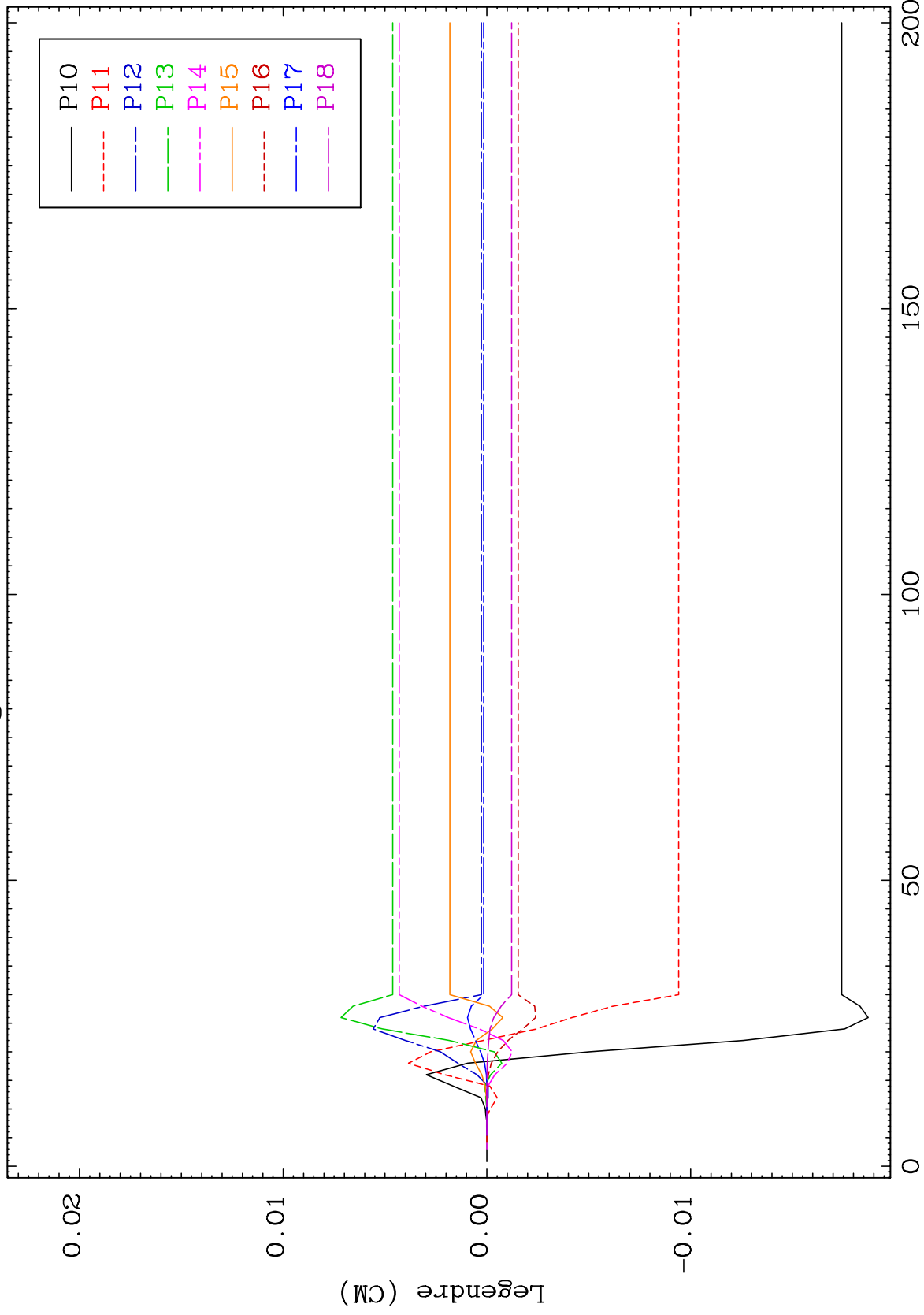
Incident Energy (MeV)

80

MAT 7828

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

78-Pt-191



81

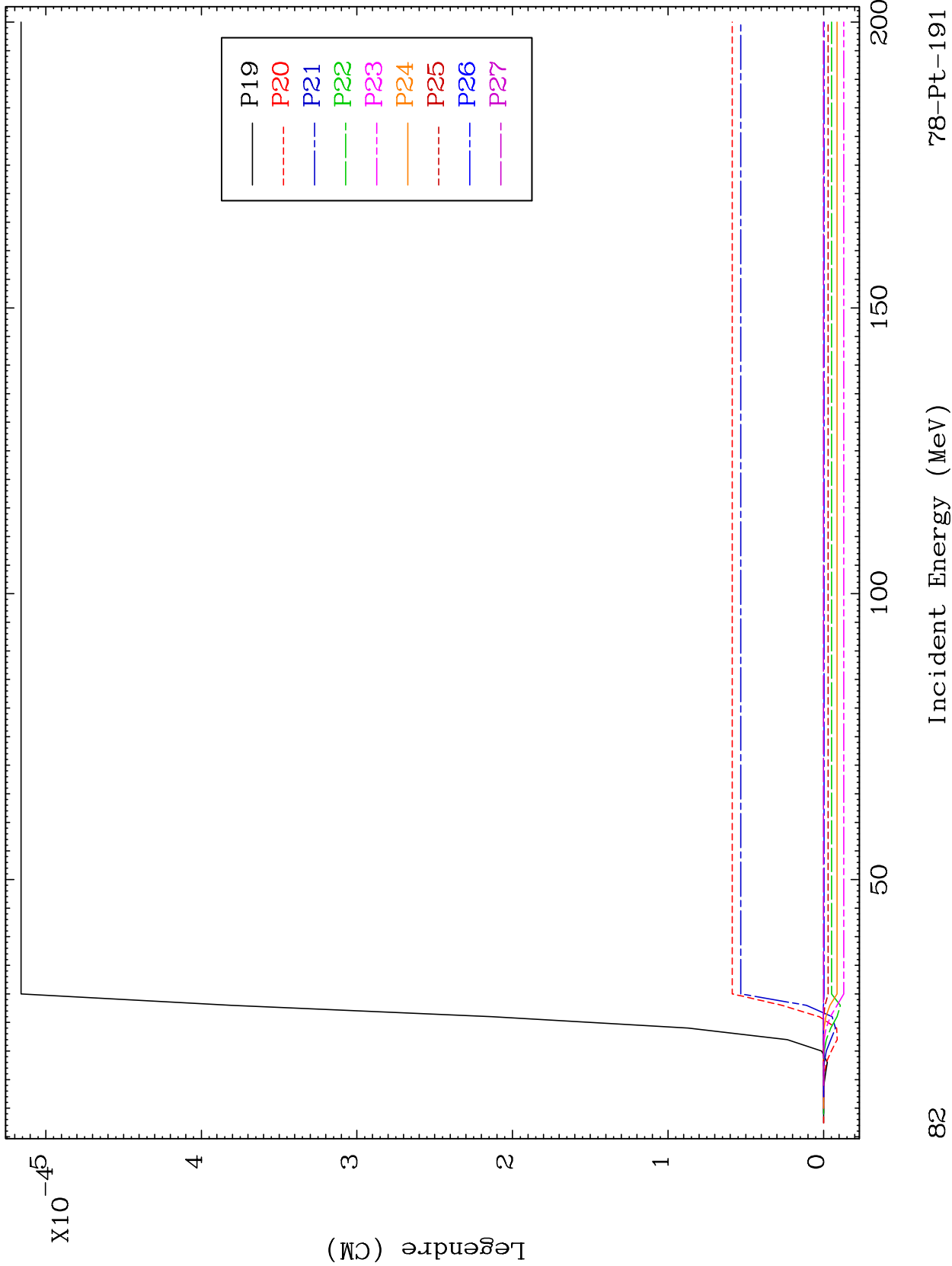
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

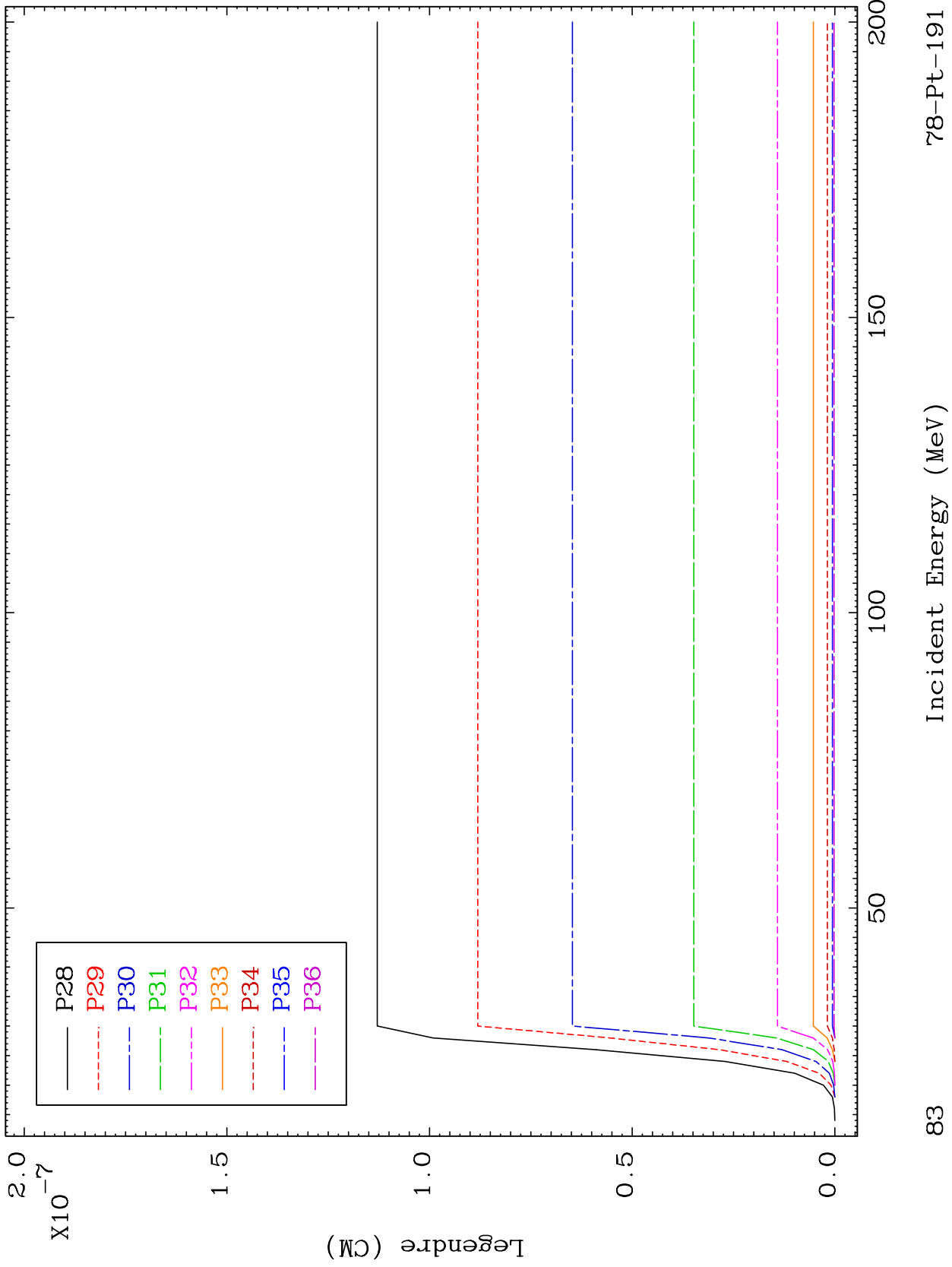
78-Pt-191



MAT 7828

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

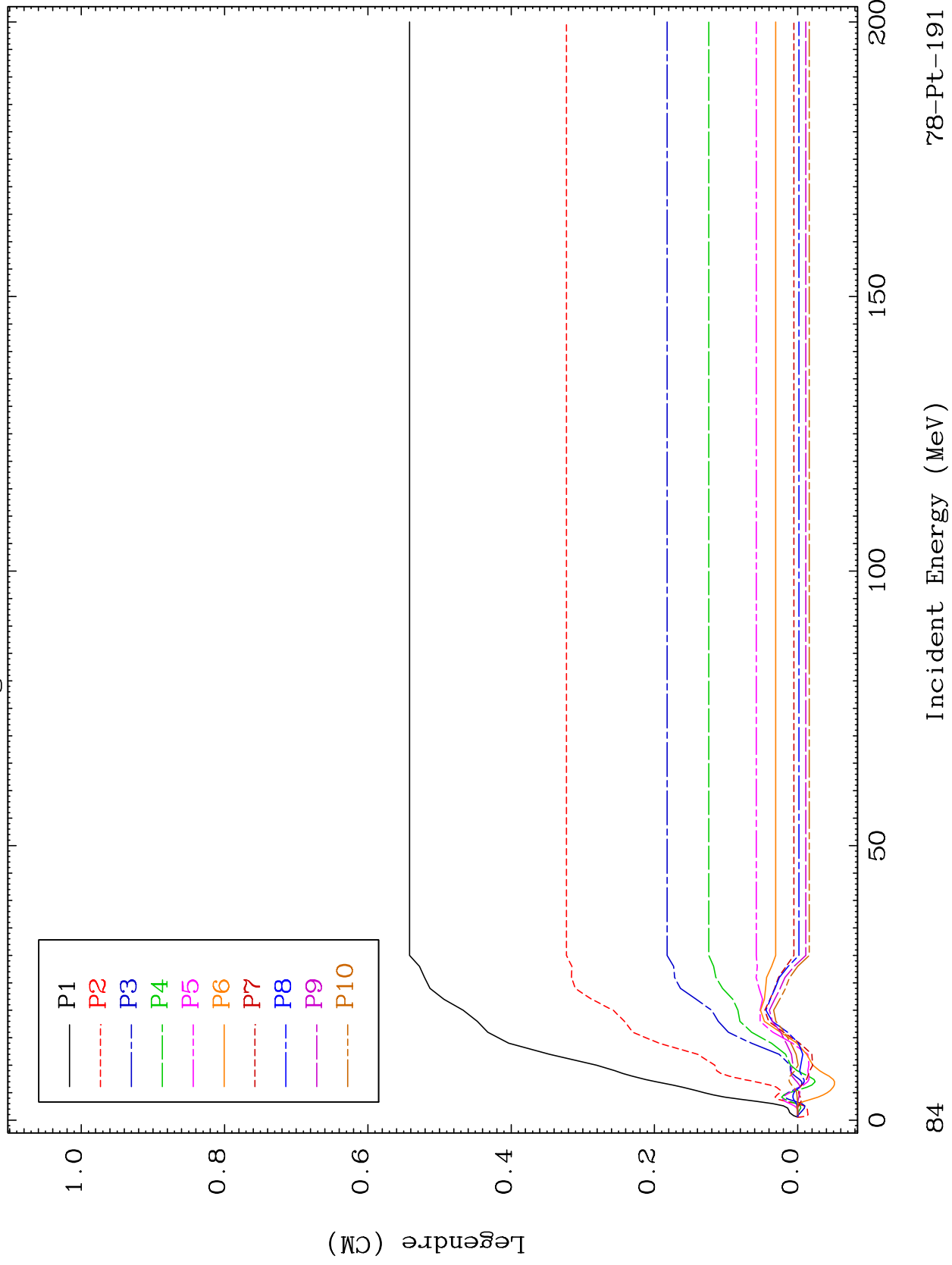
78-Pt-191



MAT 7828

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

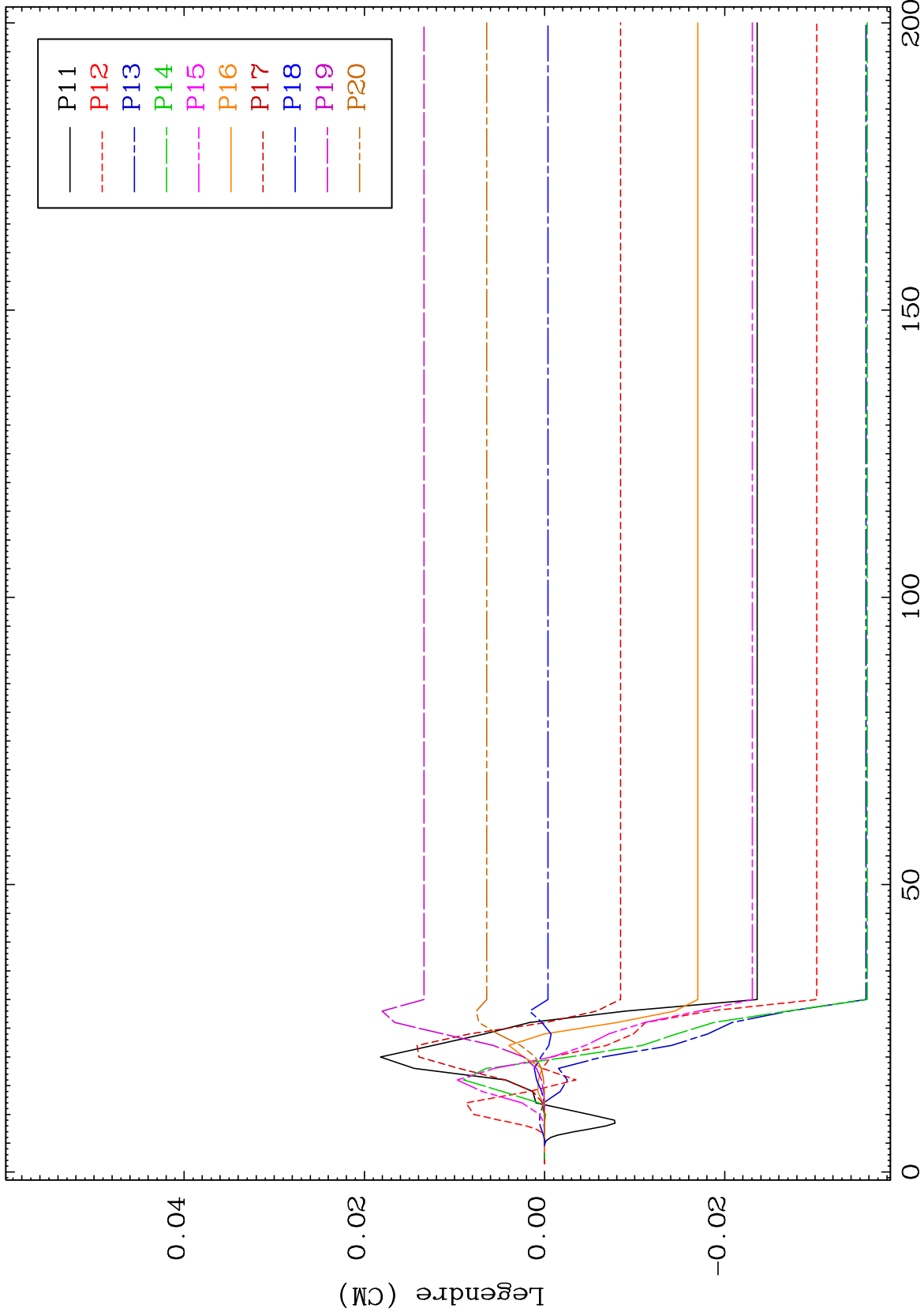
78-Pt-191



MAT 7828

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

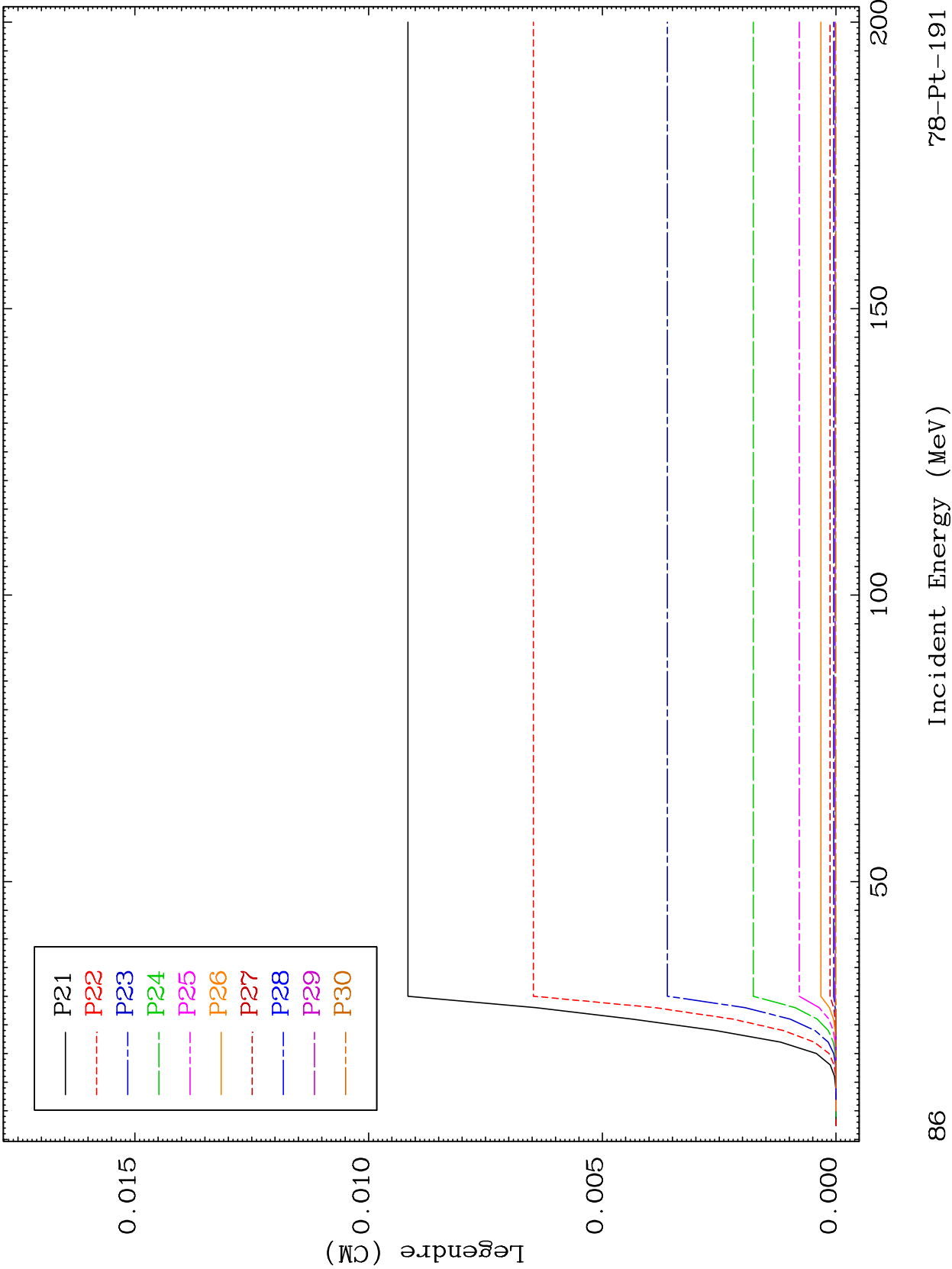
78-Pt-191



85

Incident Energy (MeV)

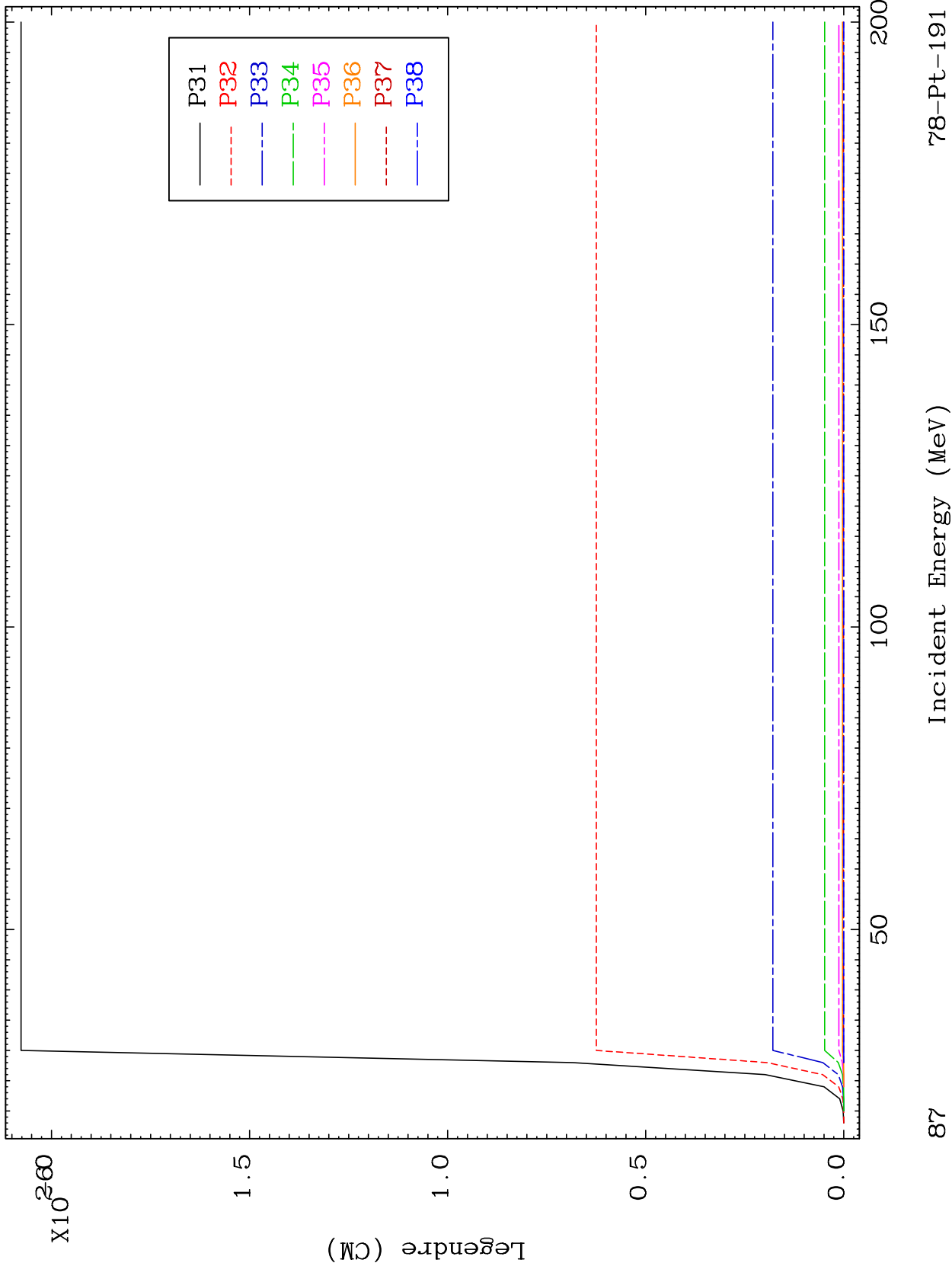
78-Pt-191



MAT 7828

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

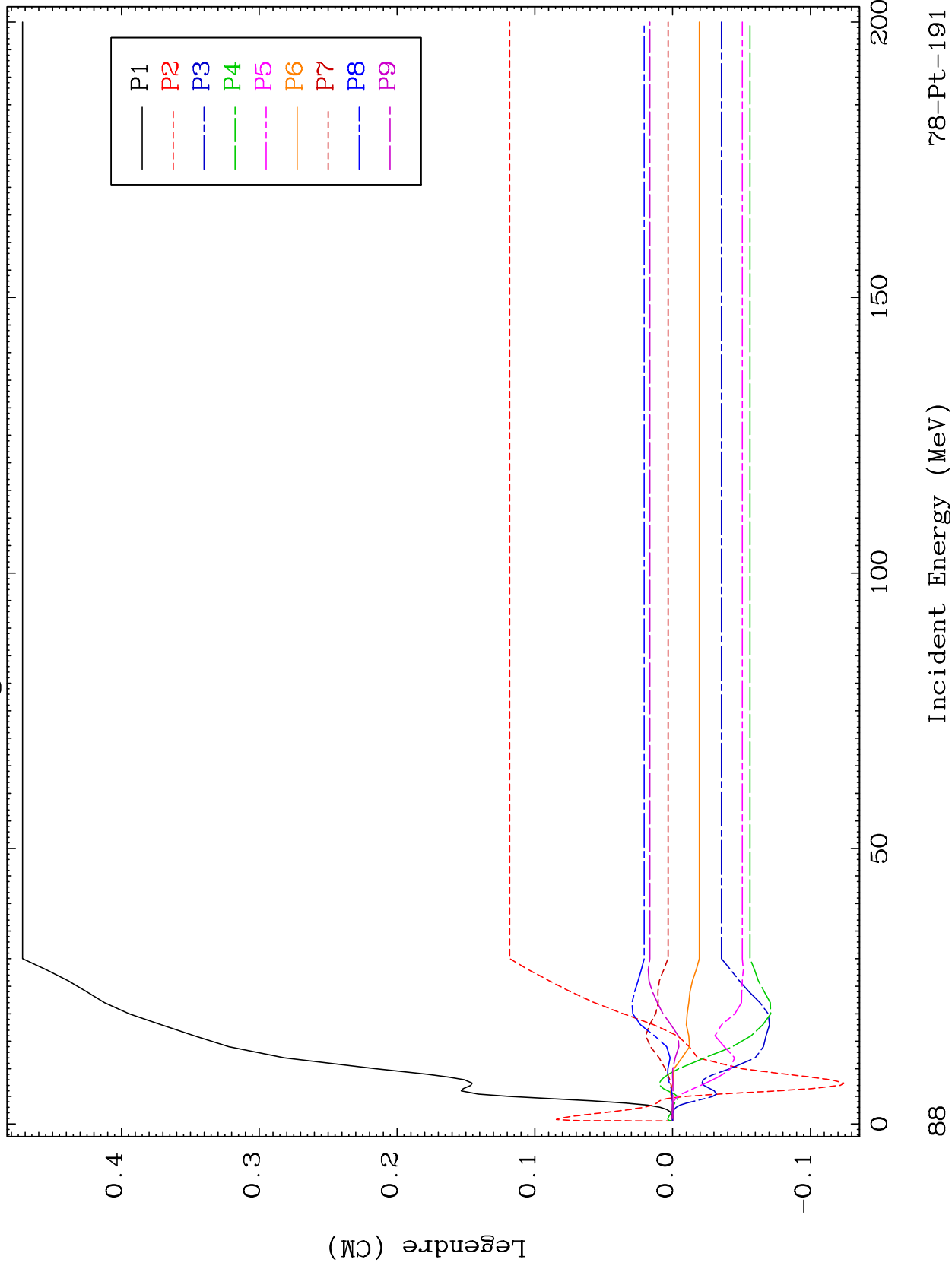
78-Pt-191



MAT 7828

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

78-Pt-191



78-Pt-191

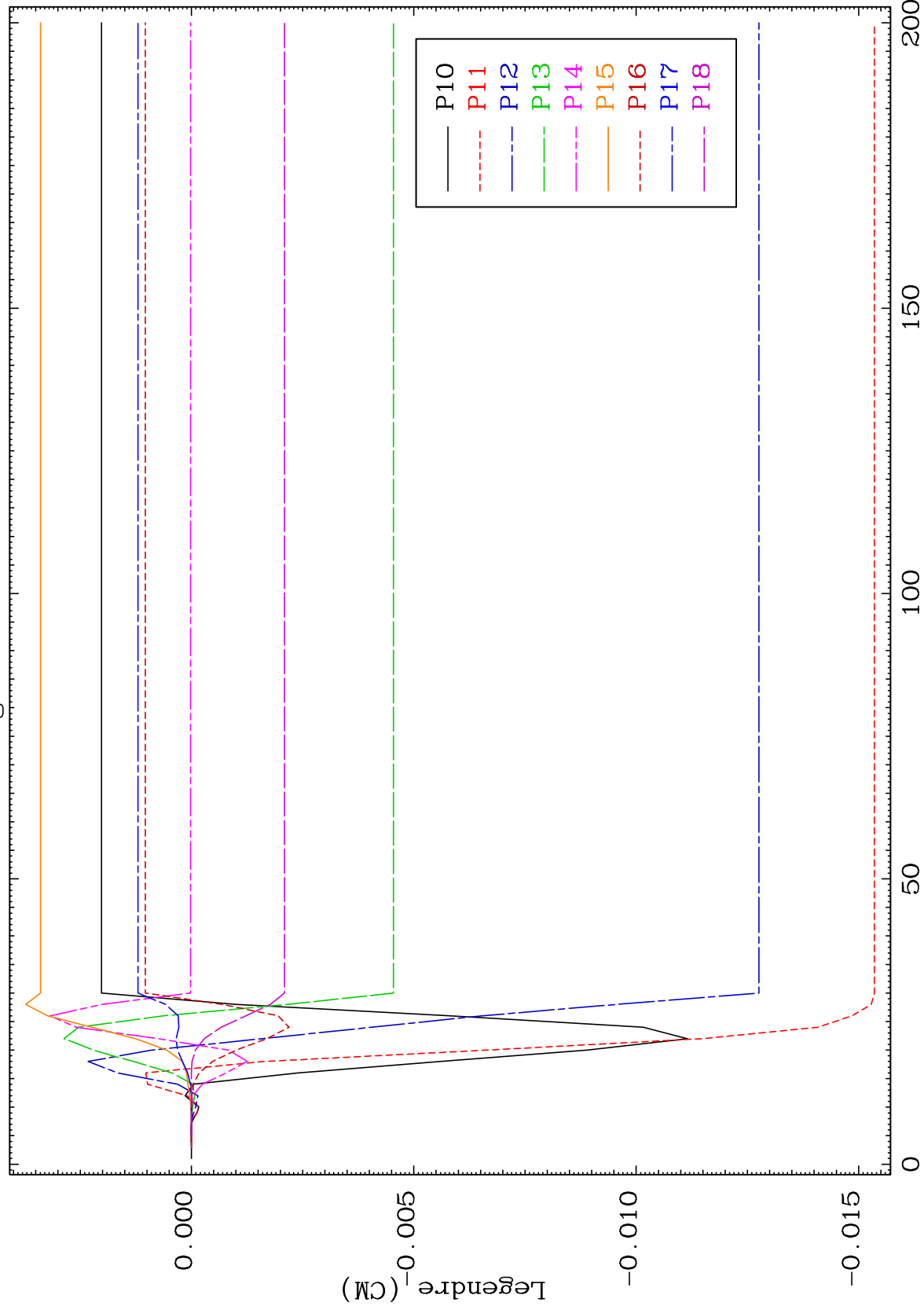
Incident Energy (MeV)

88

MAT 7828

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

78-Pt-191



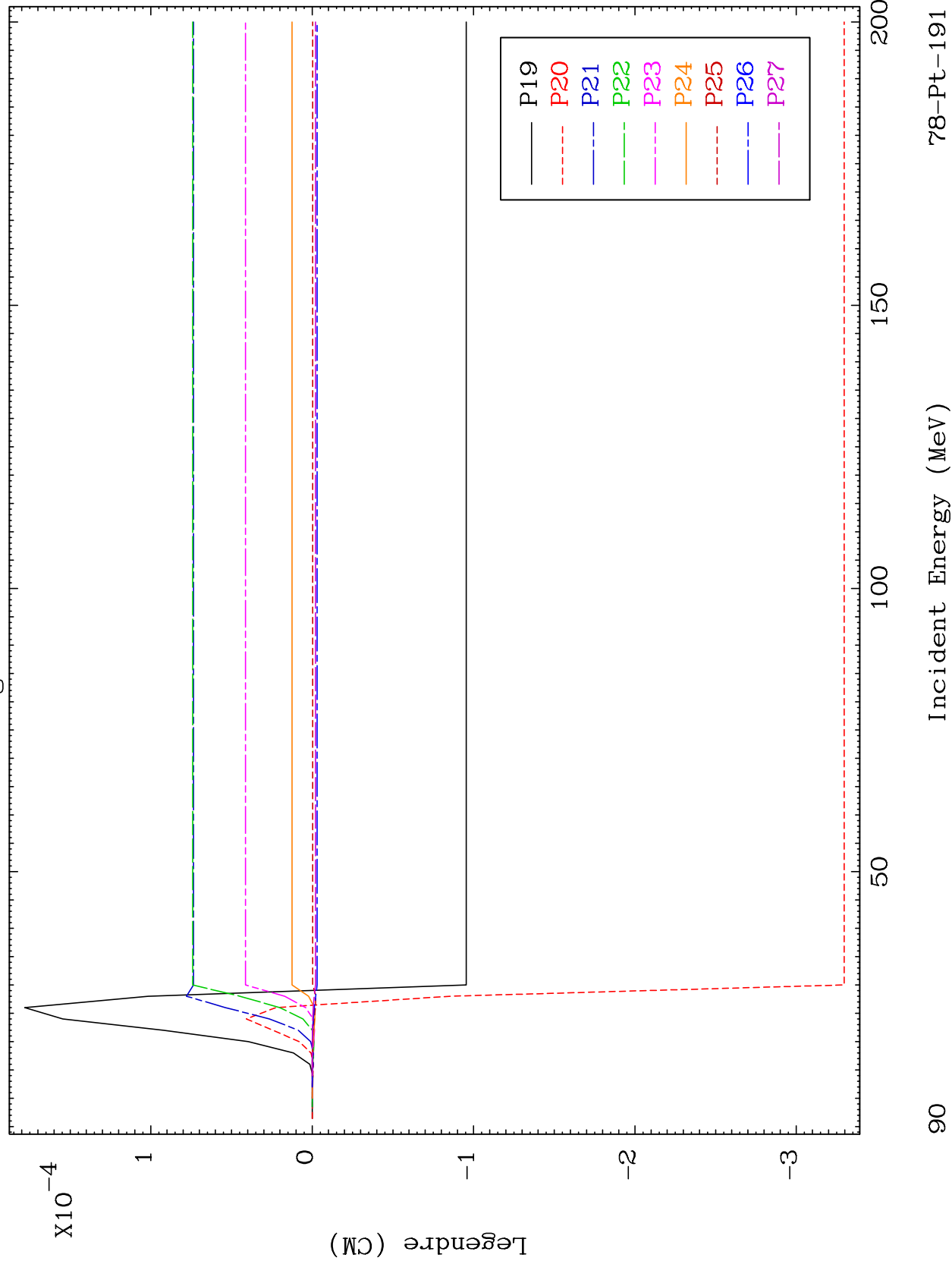
89

78-Pt-191

MAT 7828

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

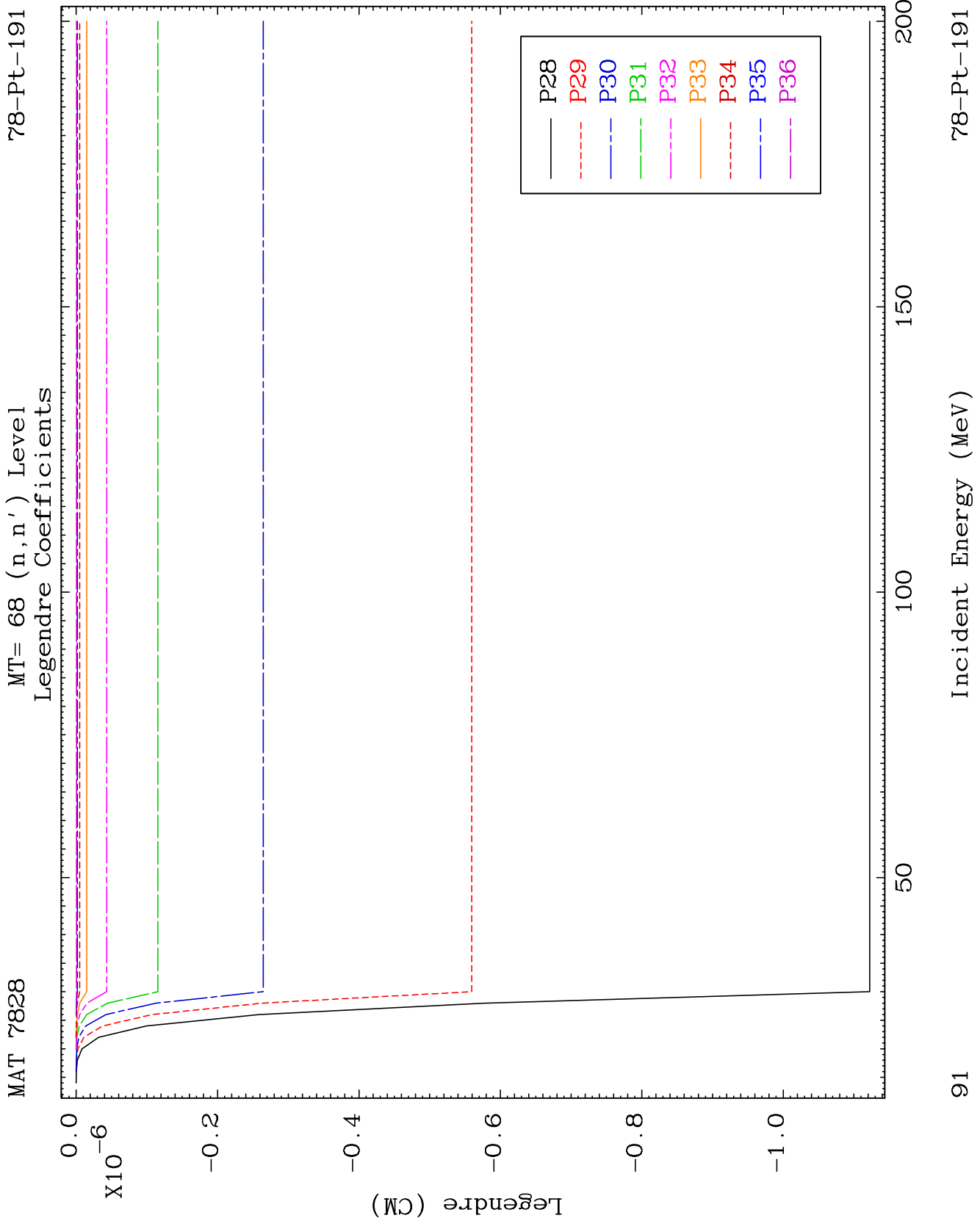
78-Pt-191



90

Incident Energy (MeV)

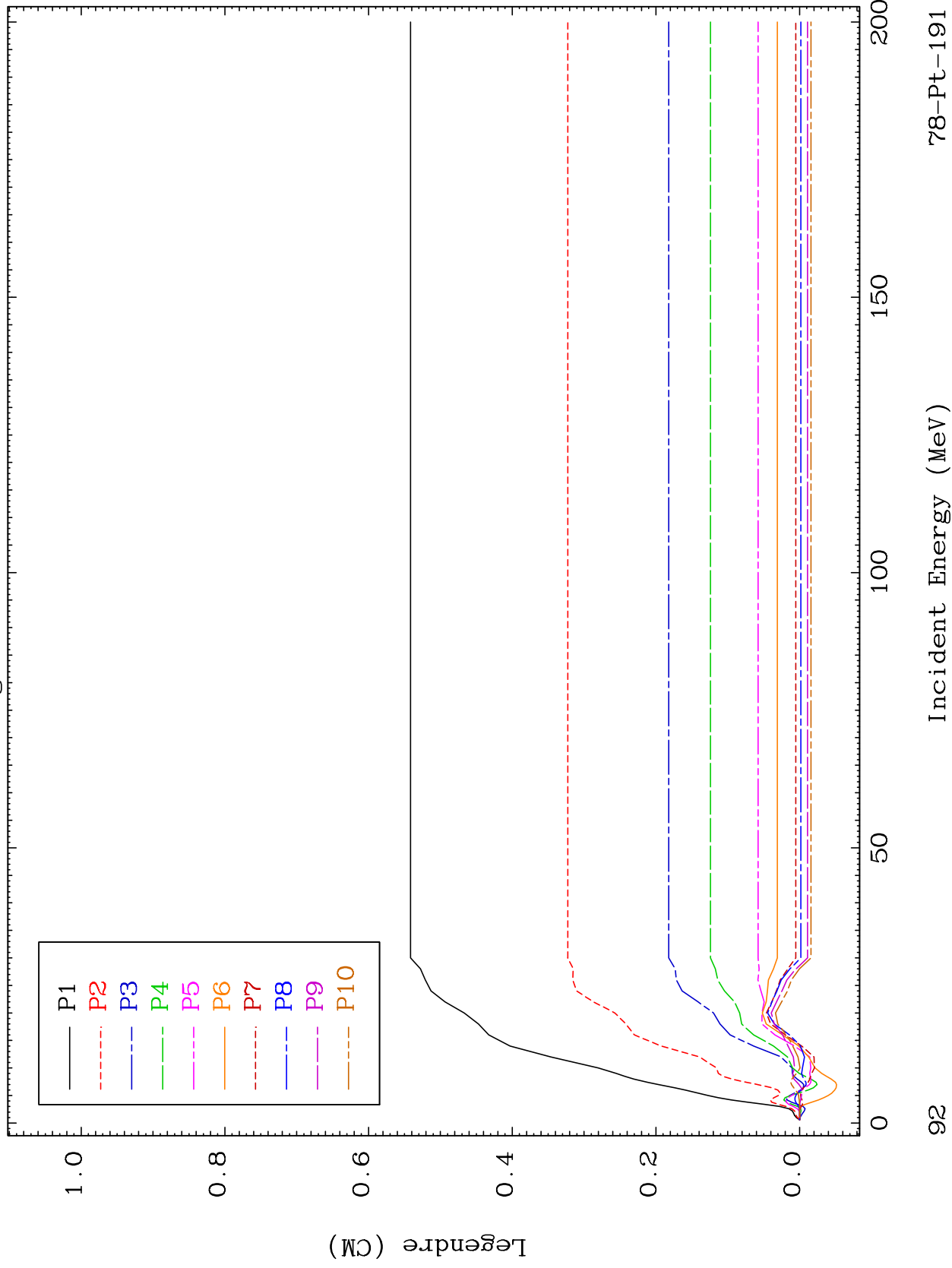
78-Pt-191



MAT 7828

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

78-Pt-191



92

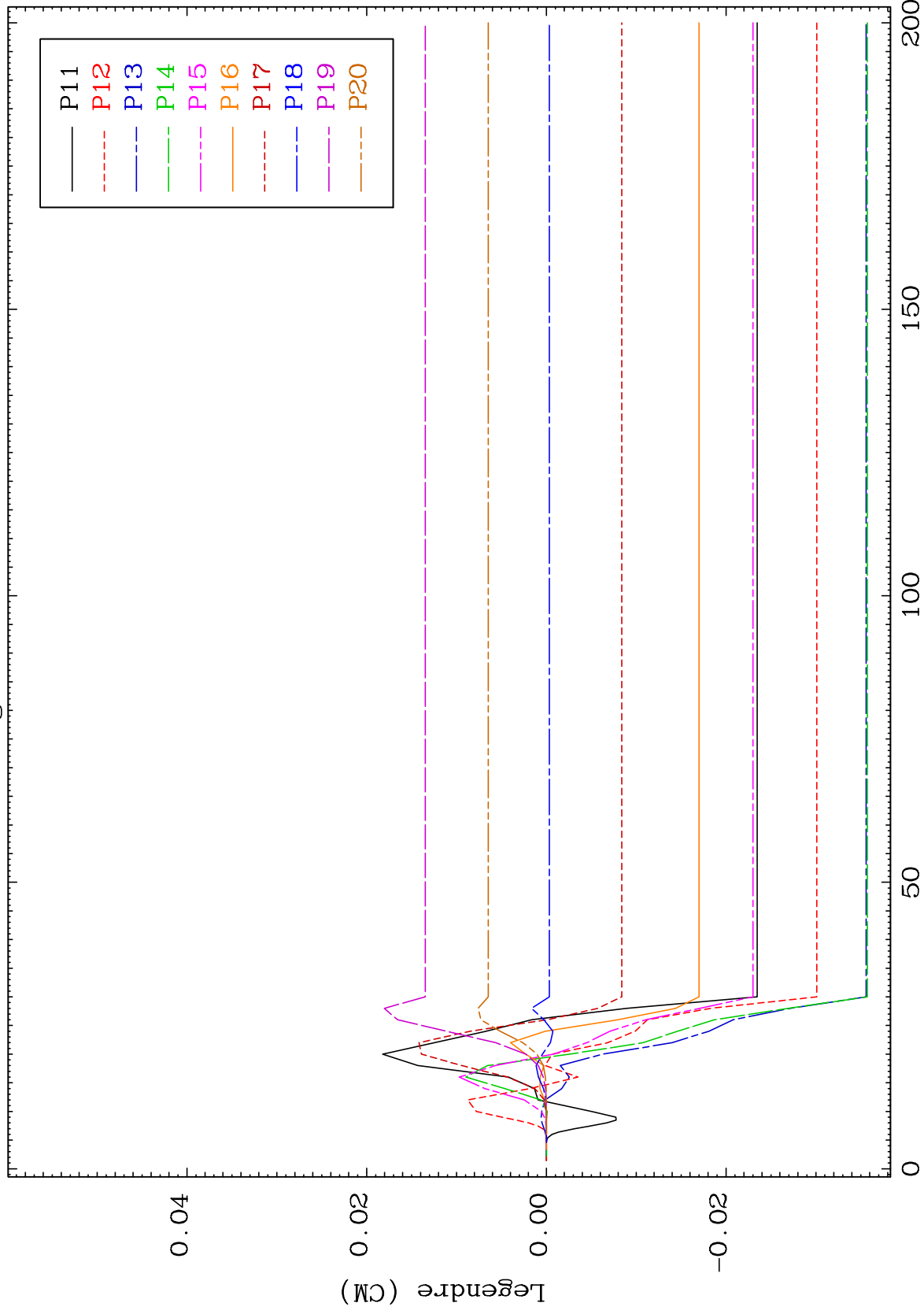
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



93

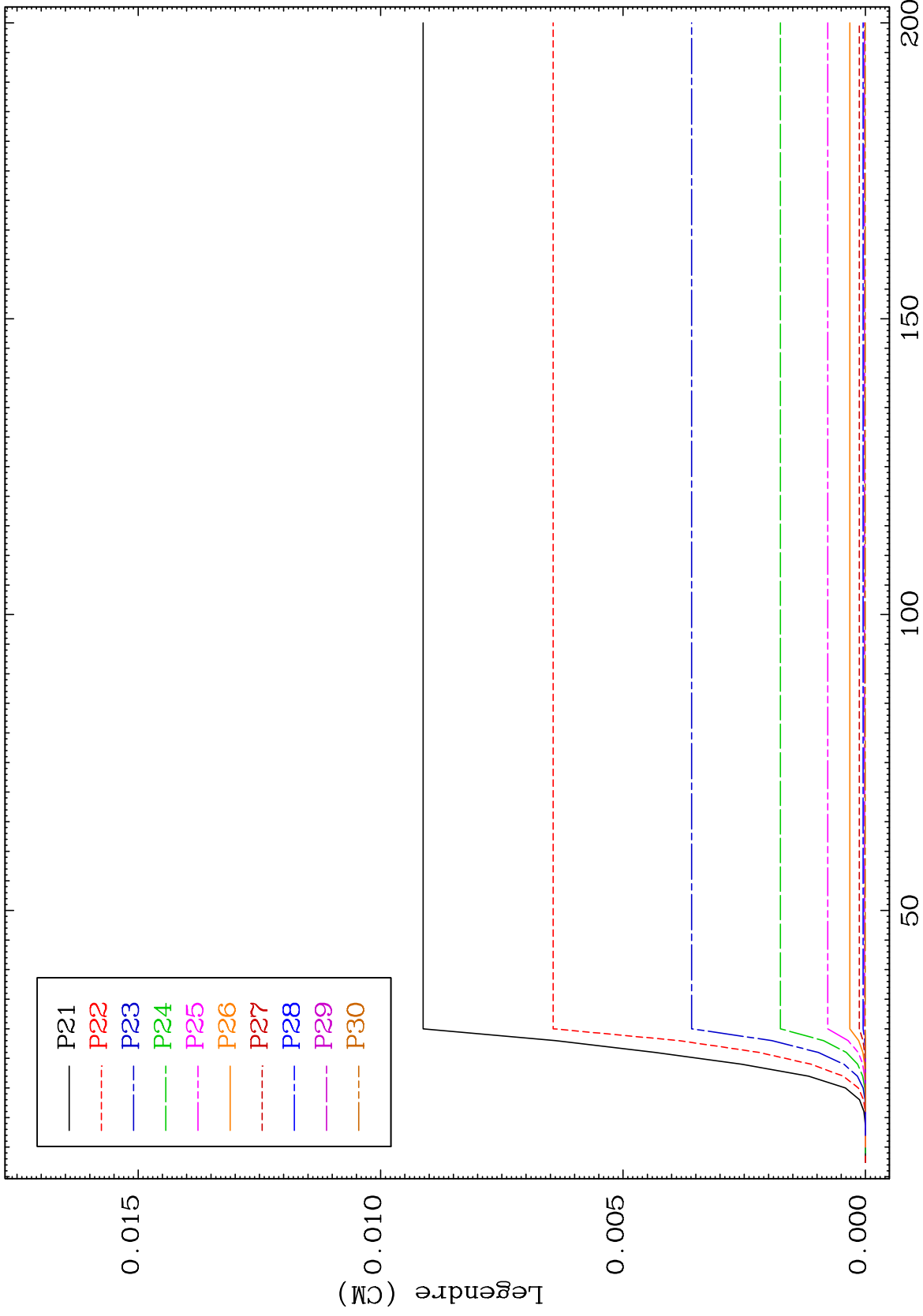
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



94

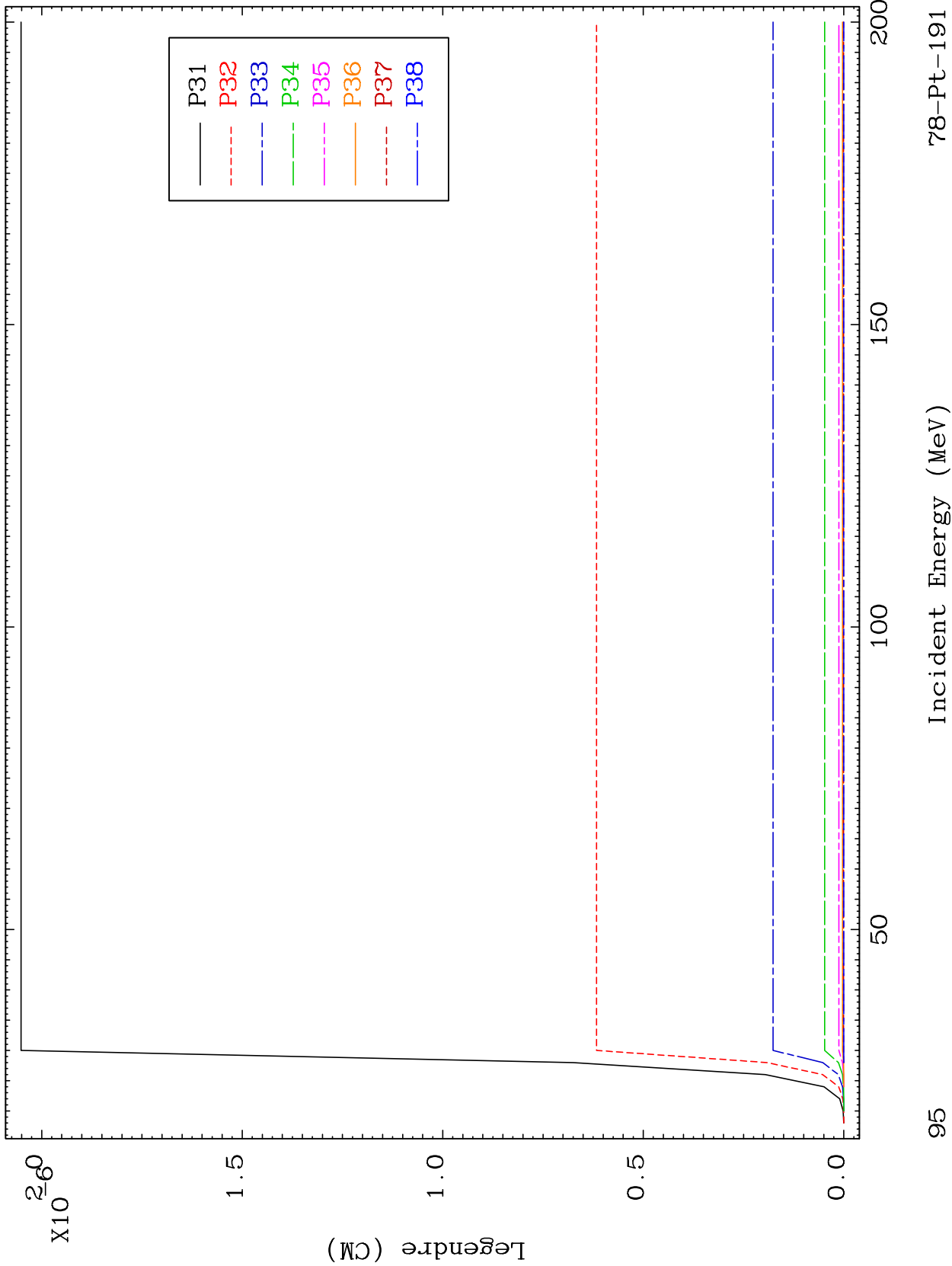
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



95

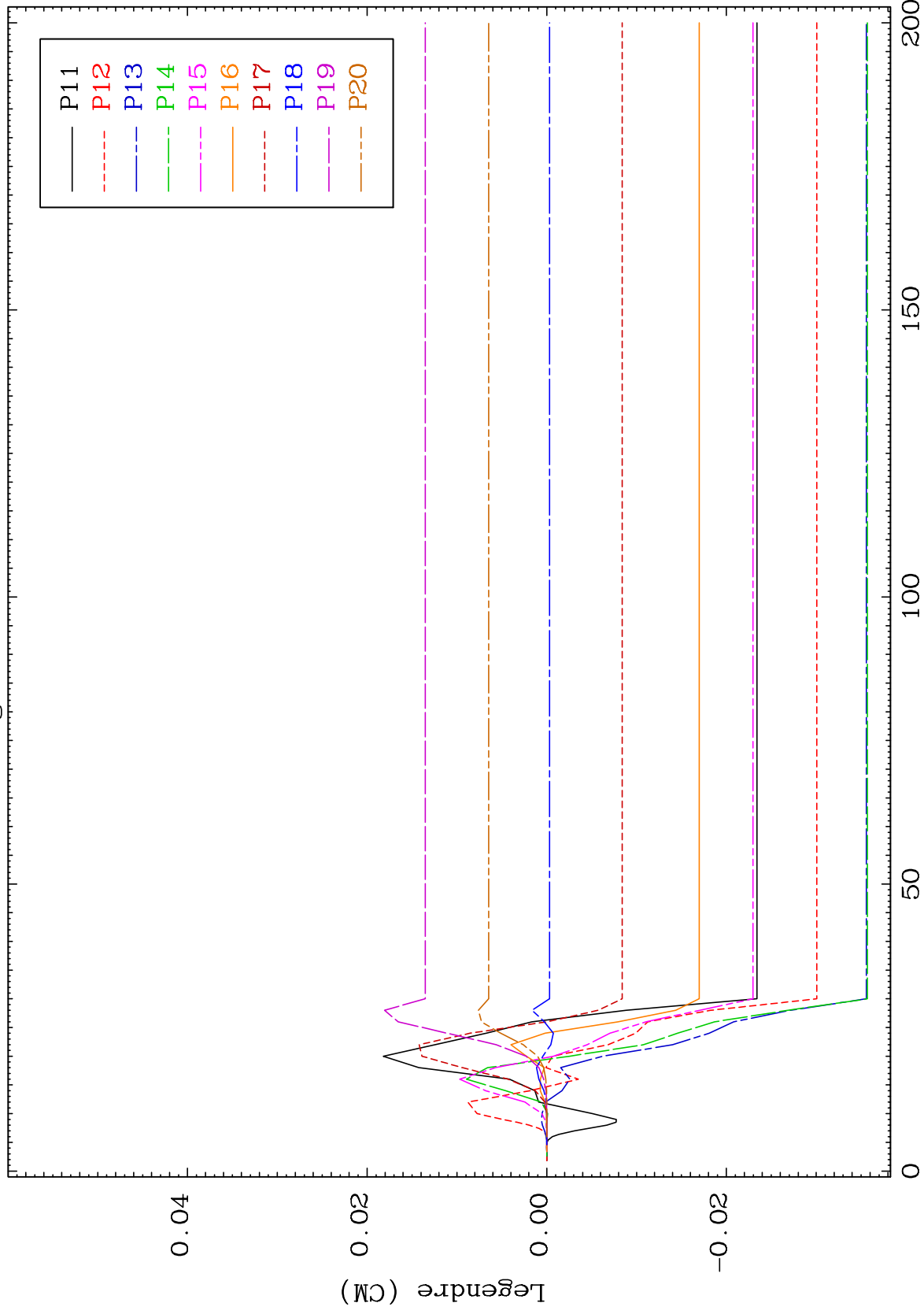
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



97

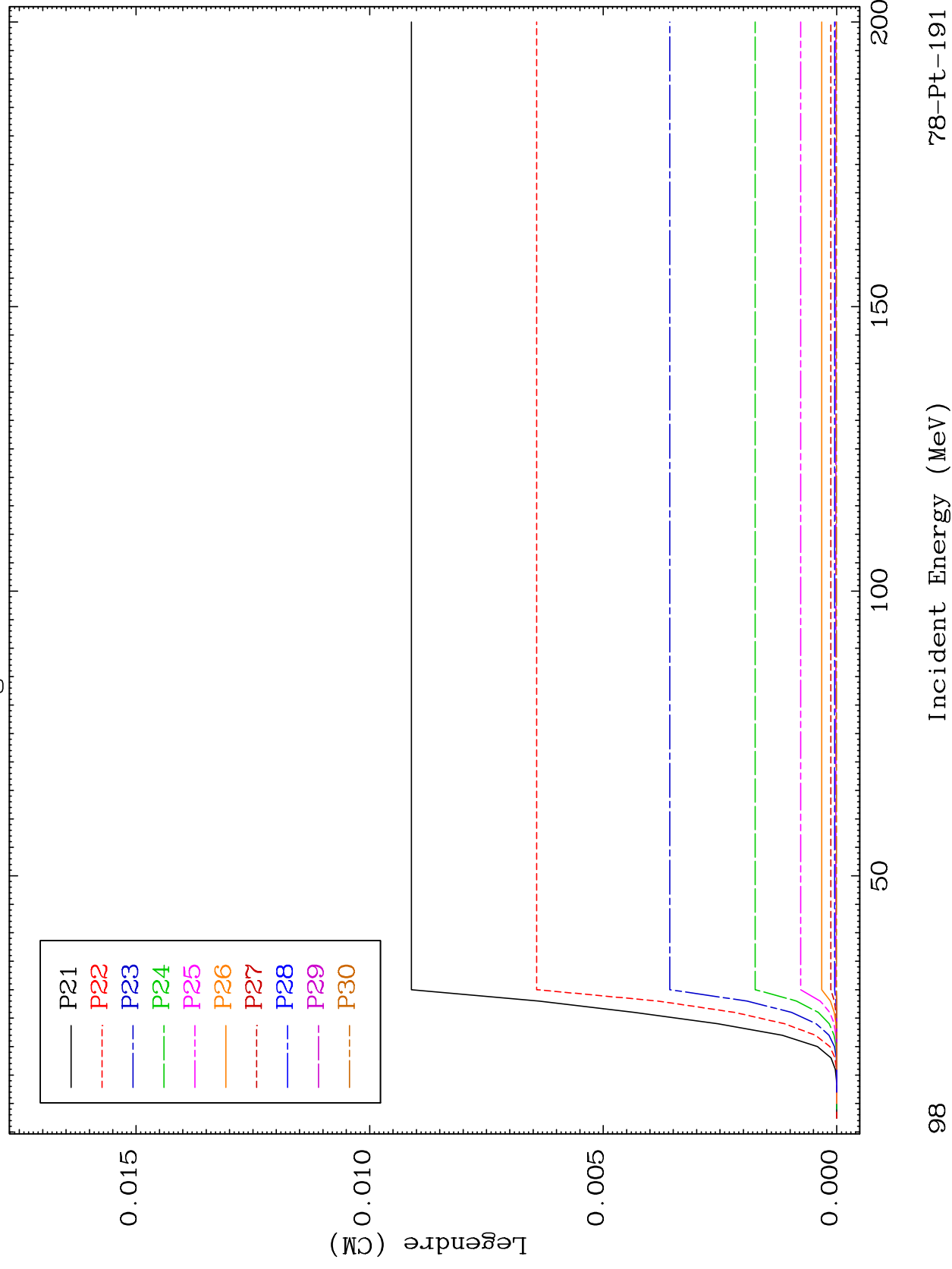
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



98

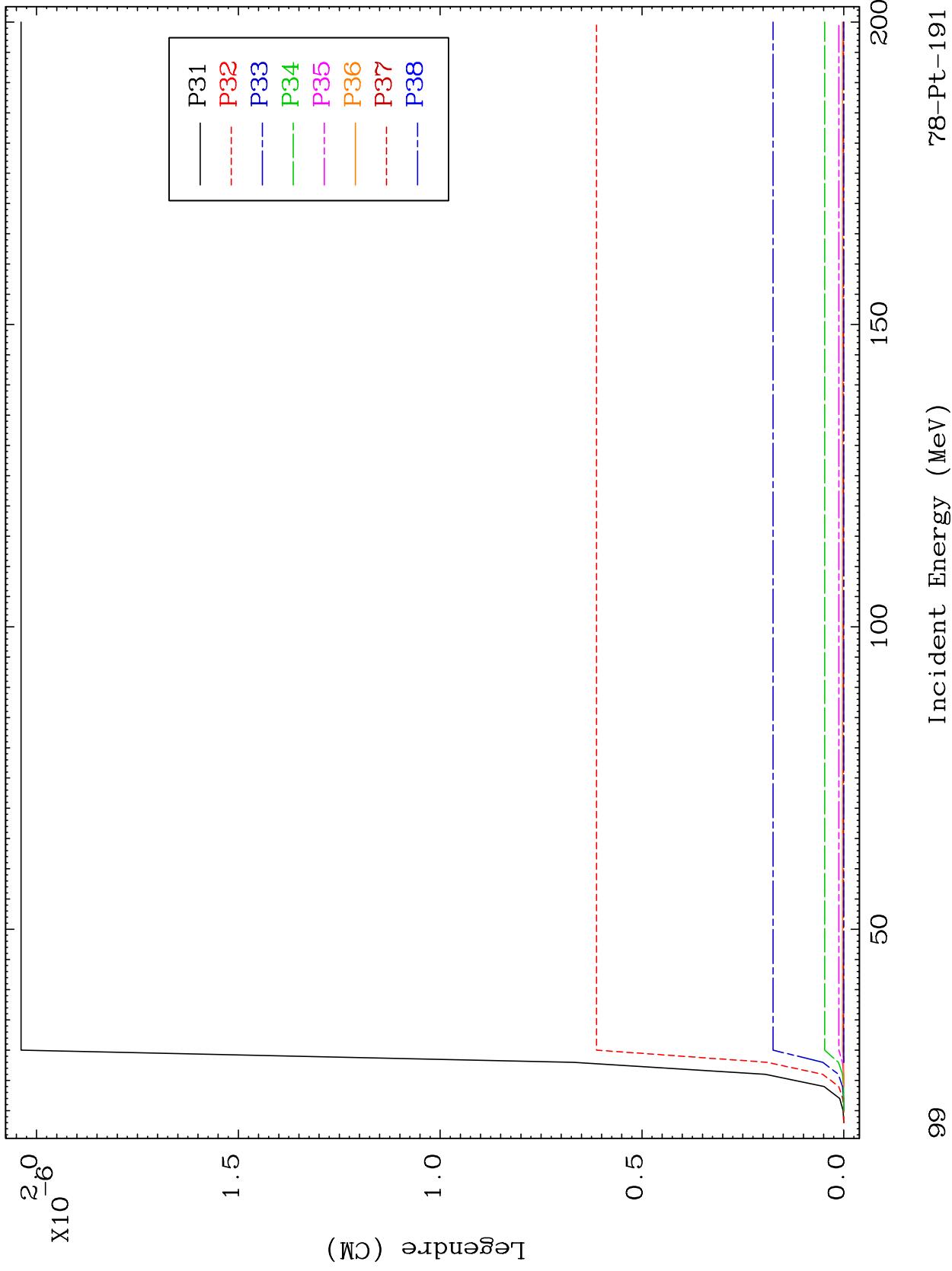
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

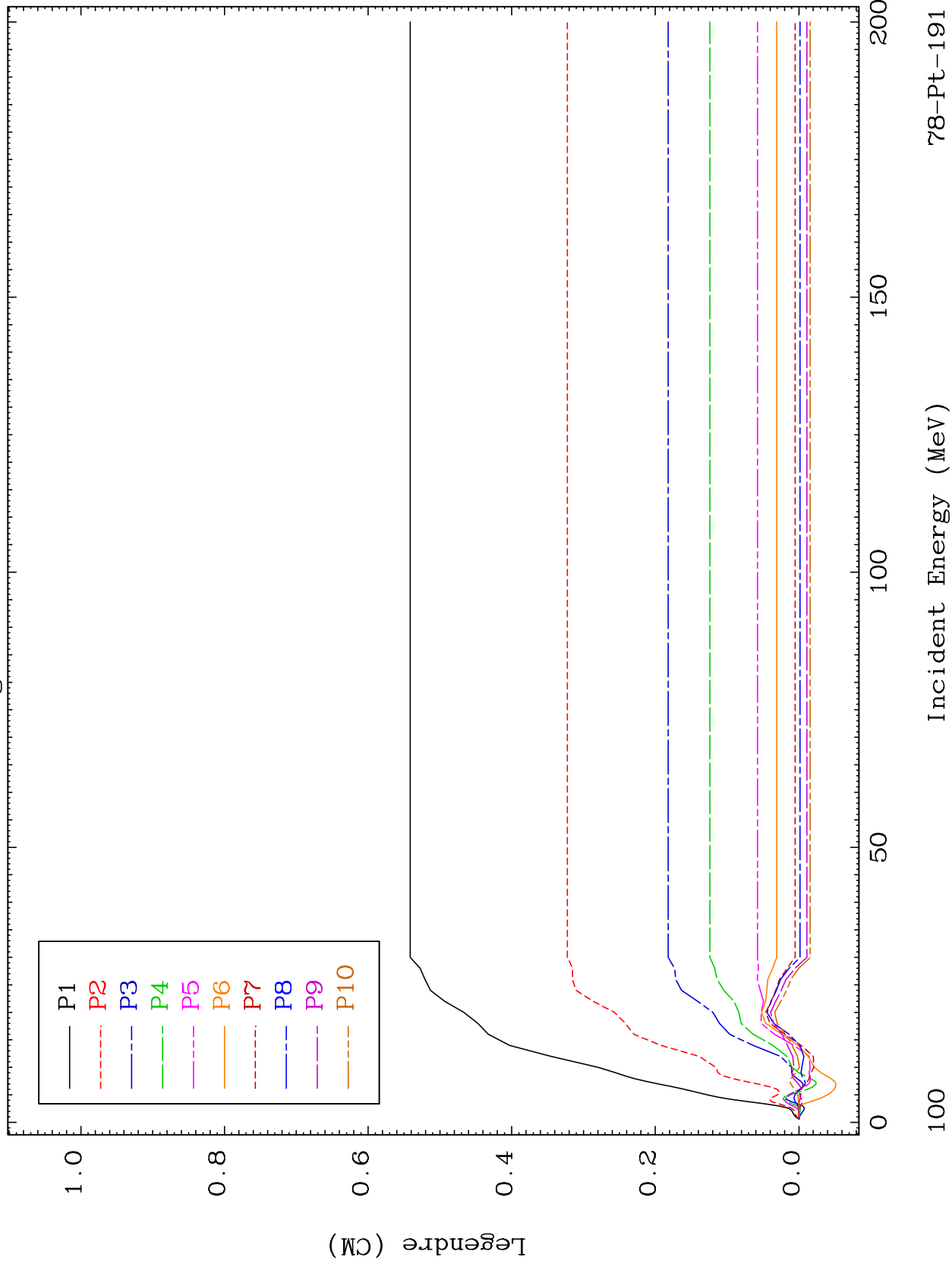
78-Pt-191



MAT 7828

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

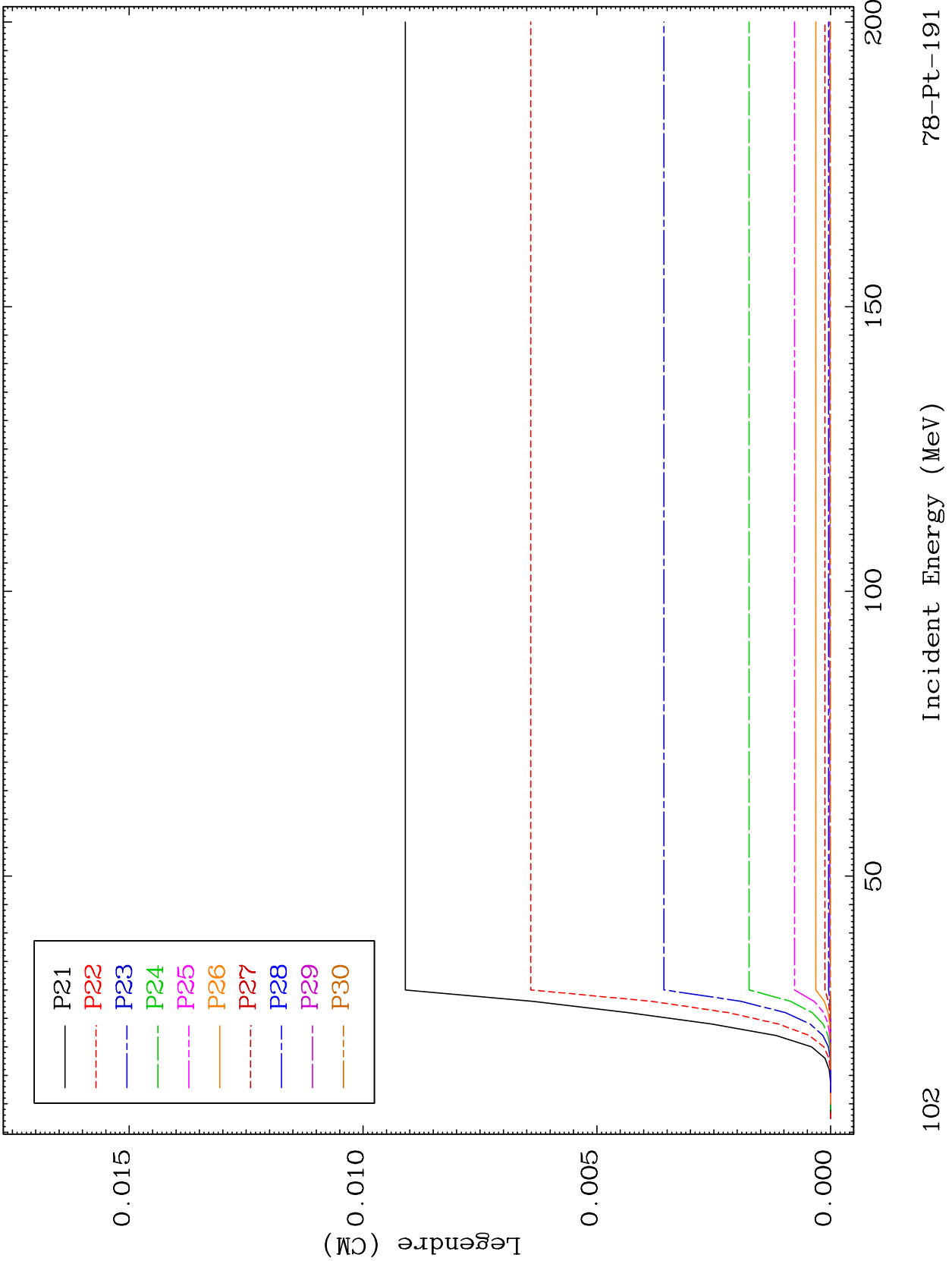
78-Pt-191



MAT 7828

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

78-Pt-191



102

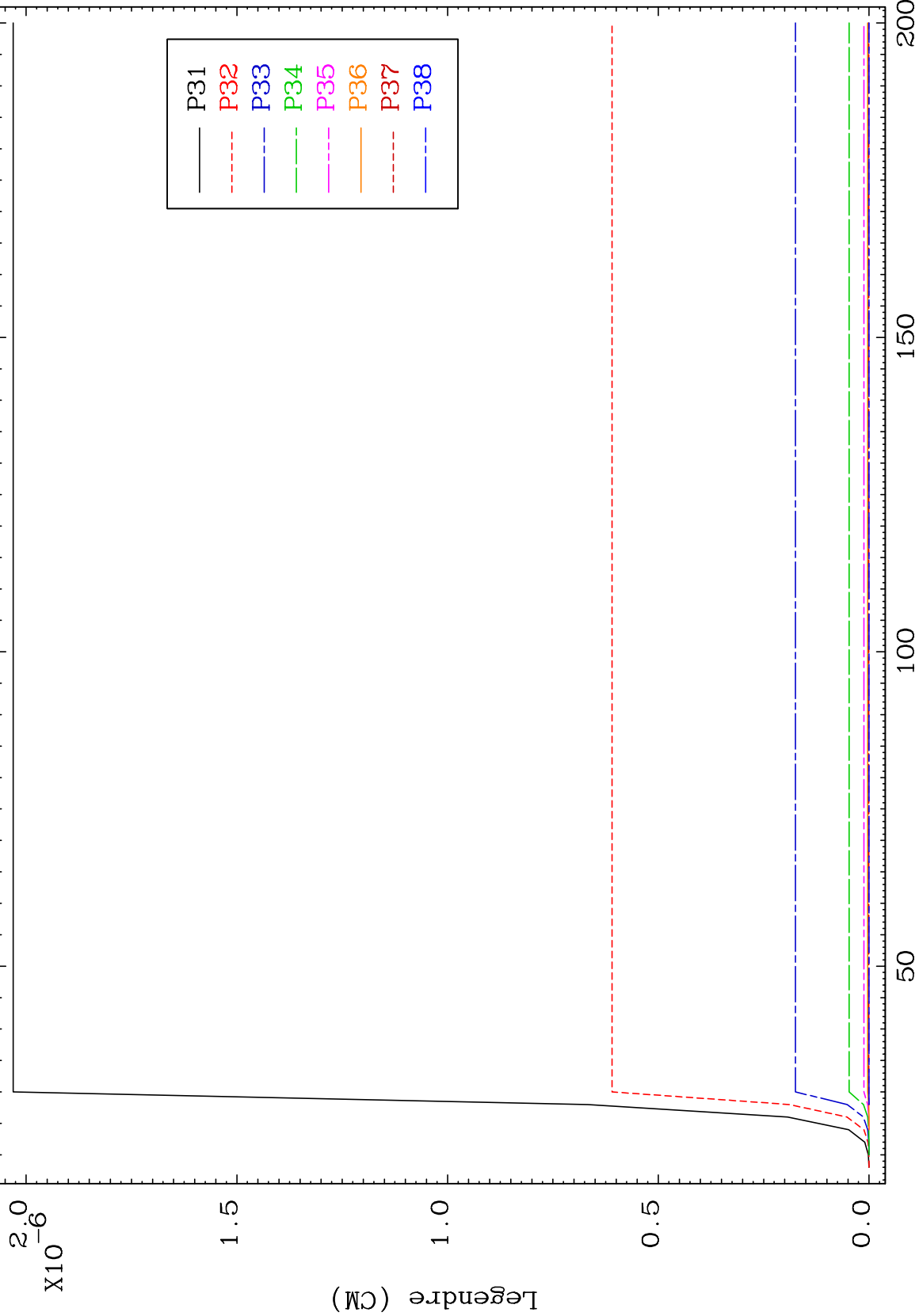
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



103

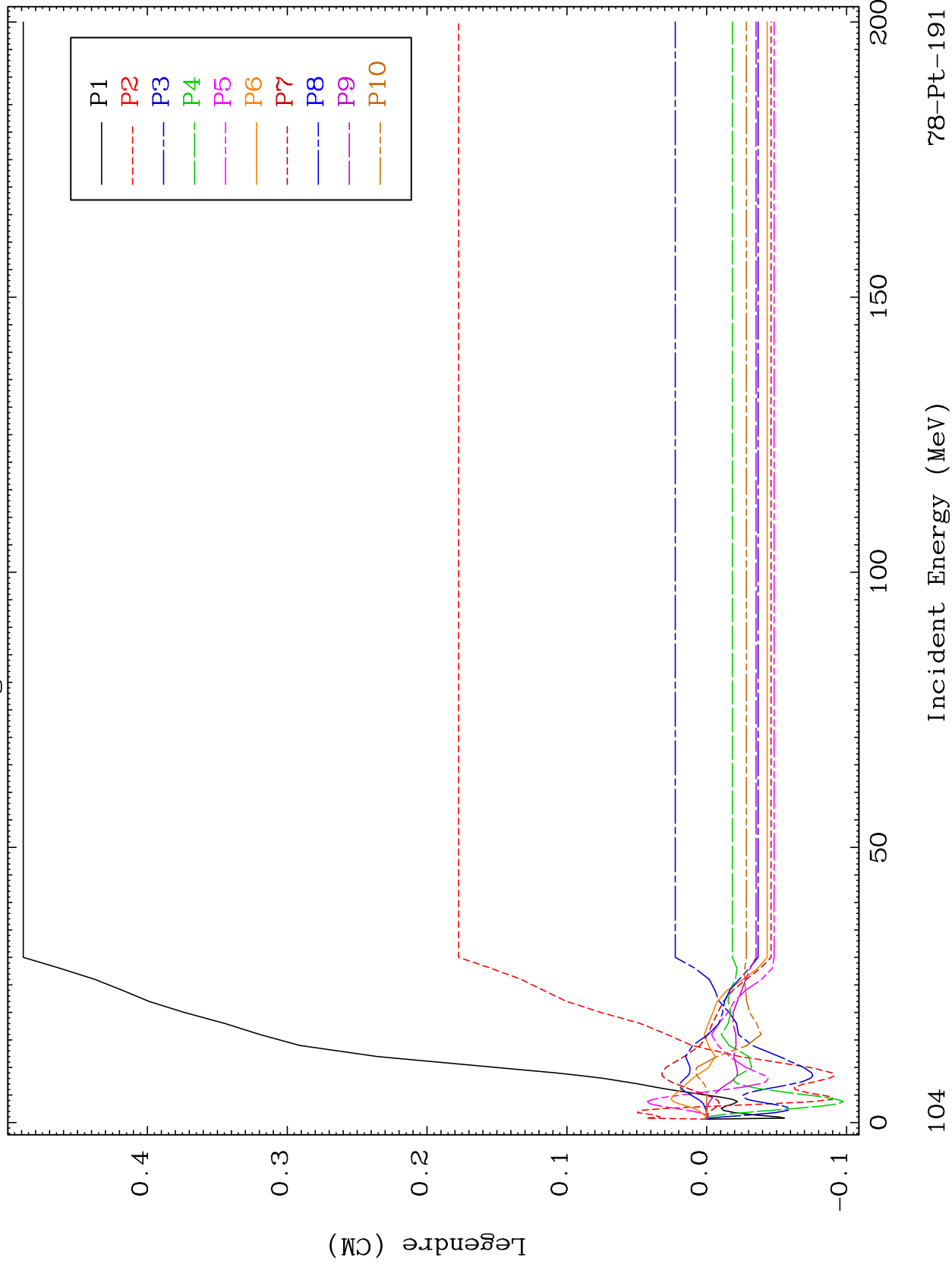
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



78-Pt-191

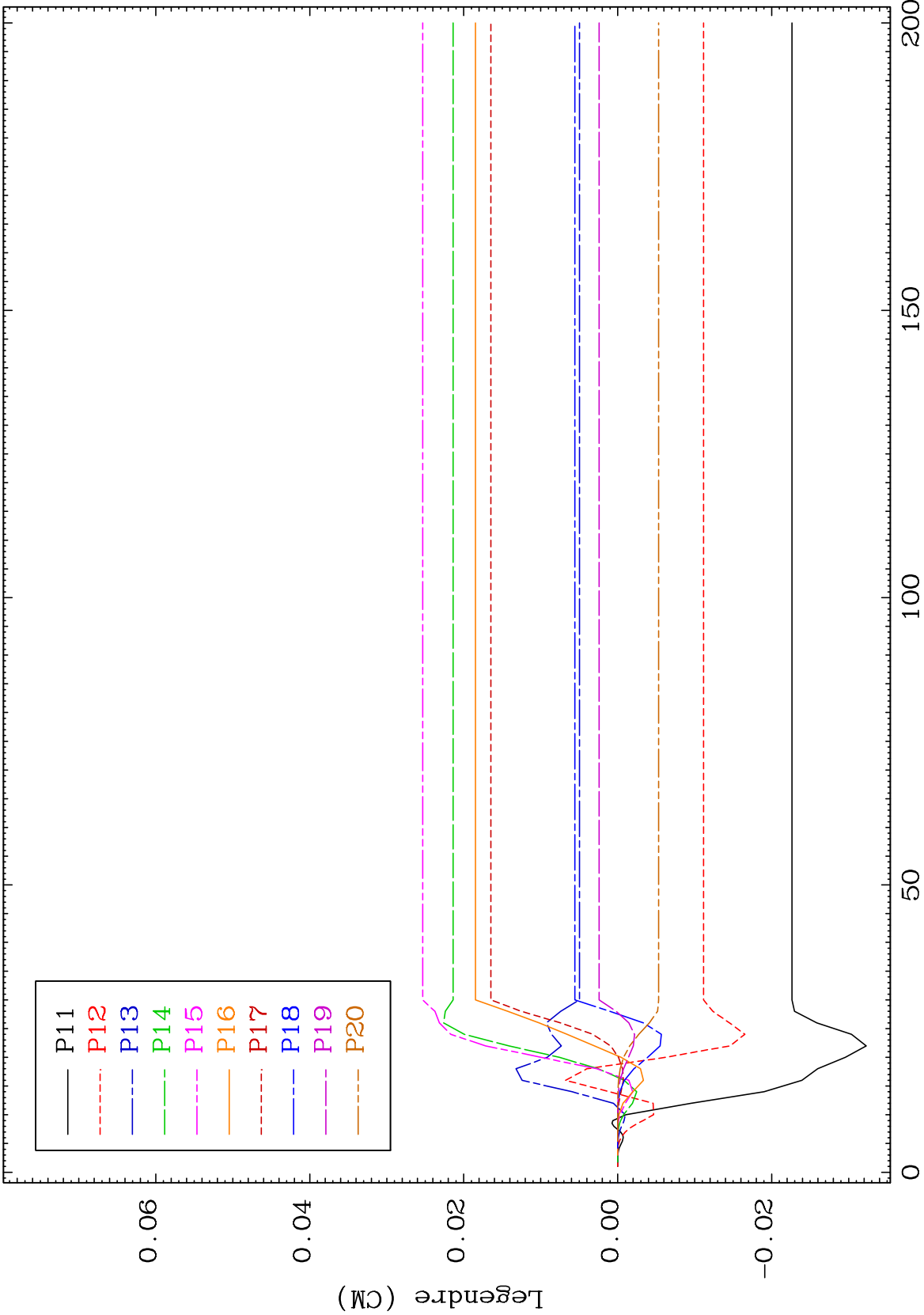
Incident Energy (MeV)

104

MAT 7828

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

78-Pt-191



105

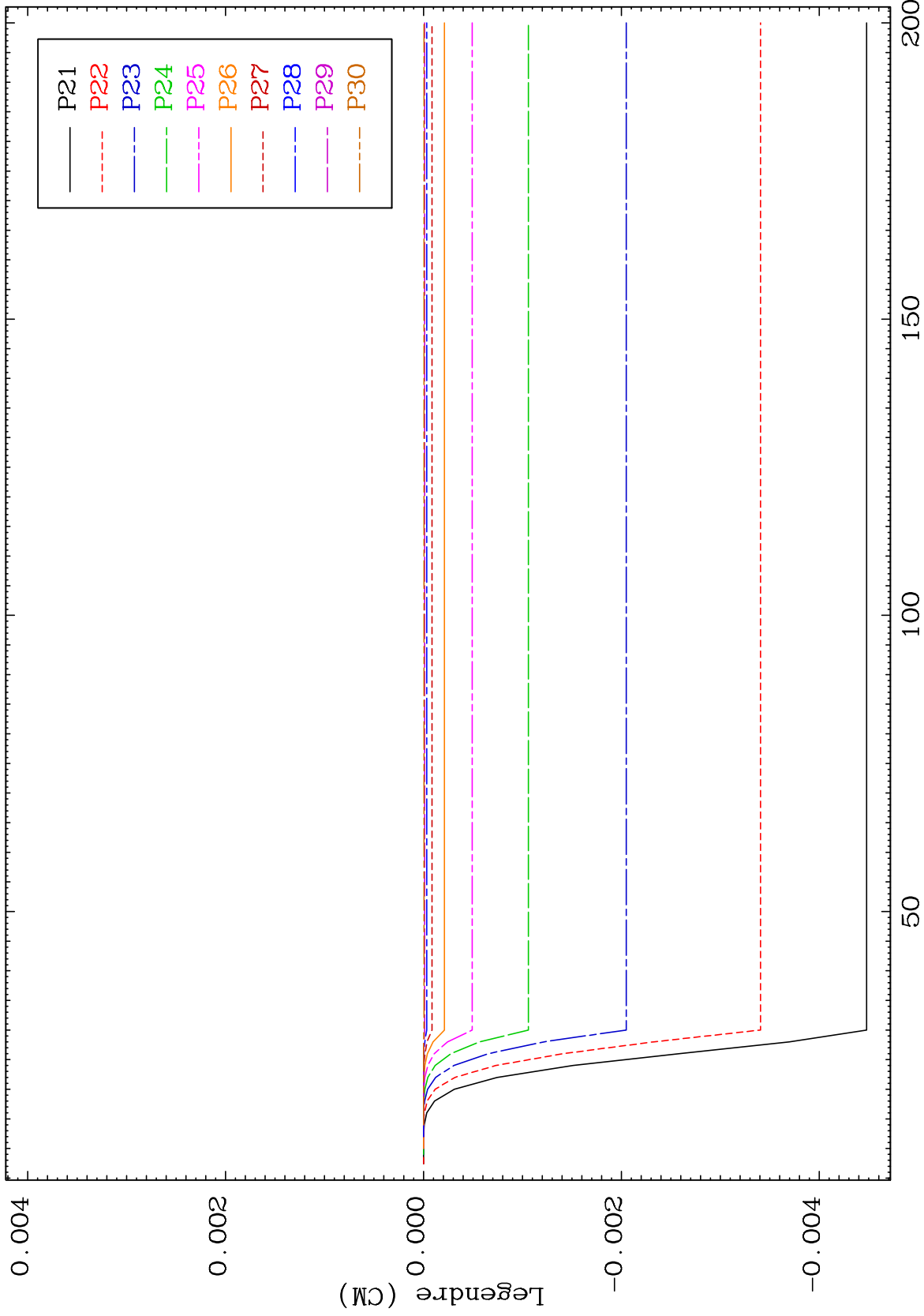
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

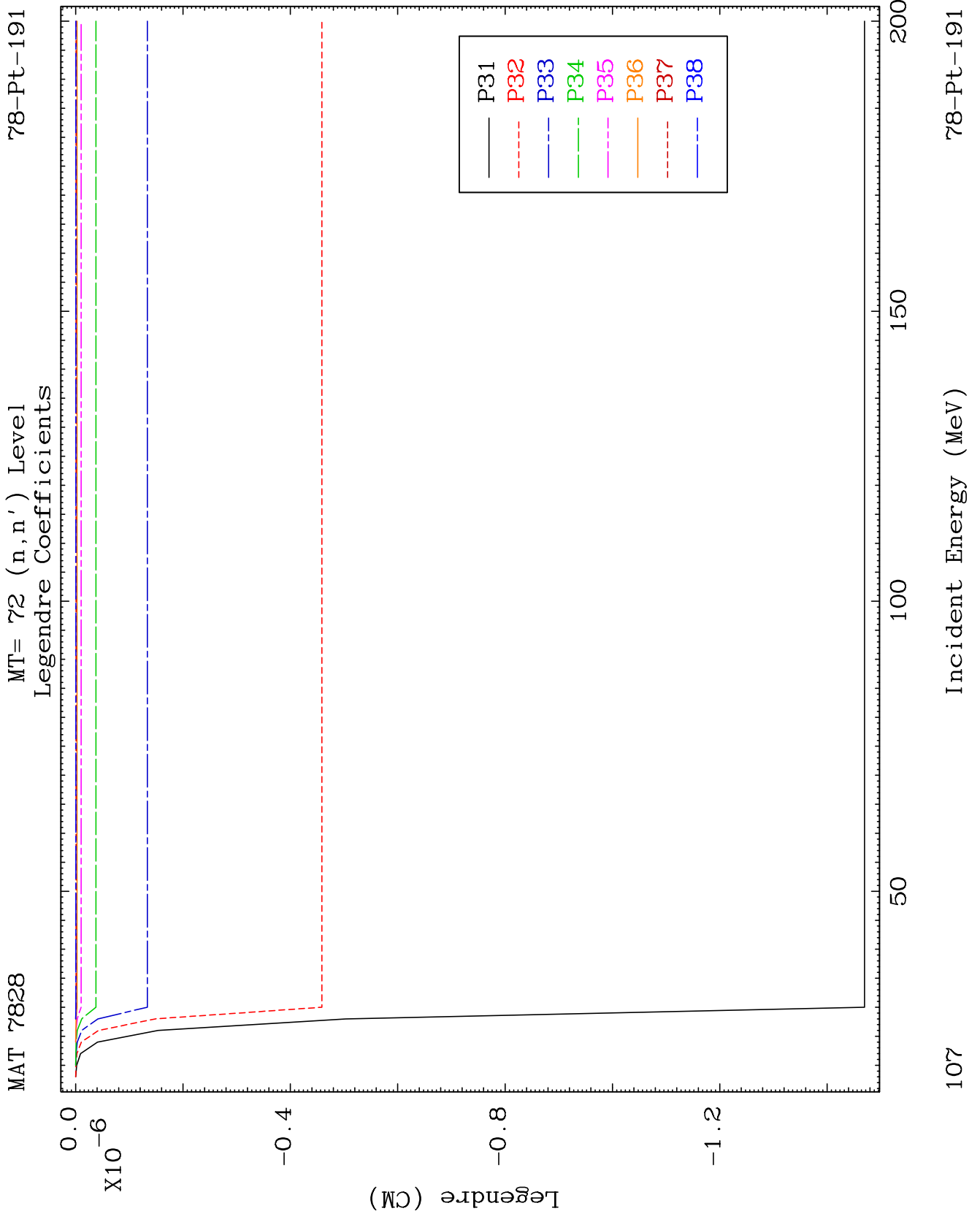
78-Pt-191



106

Incident Energy (MeV)

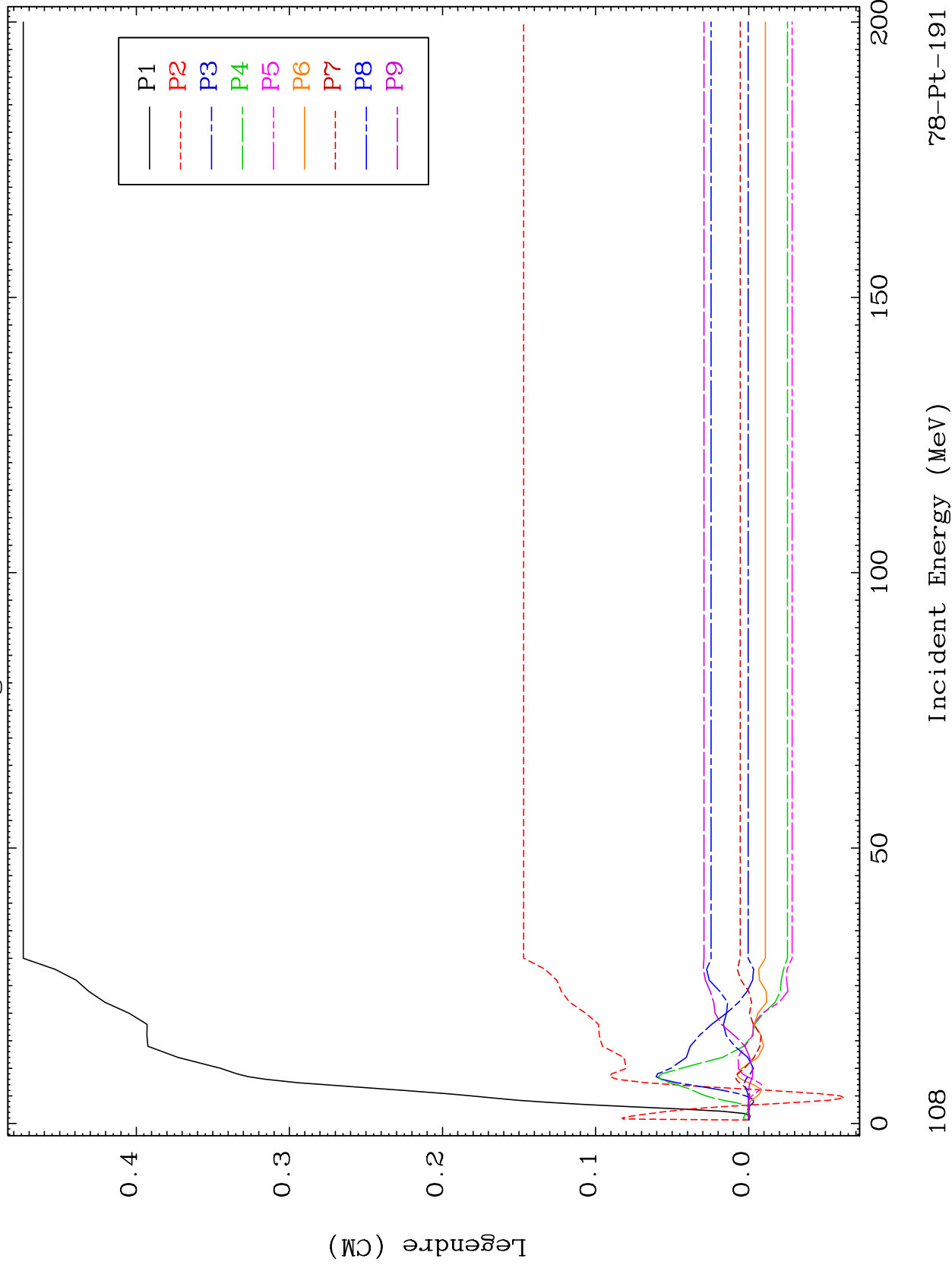
78-Pt-191



MAT 7828

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

78-Pt-191



78-Pt-191

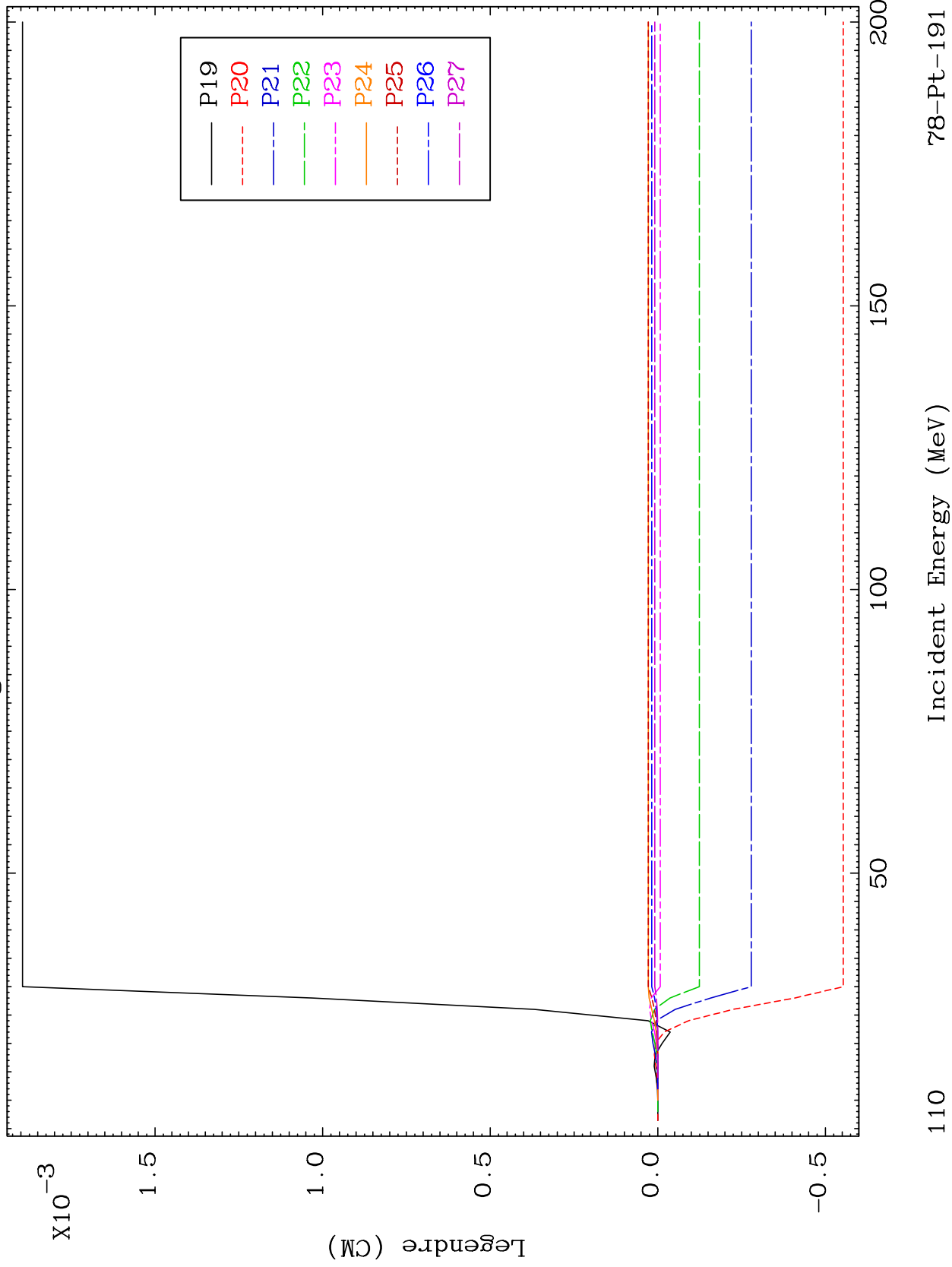
Incident Energy (MeV)

108

MAT 7828

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

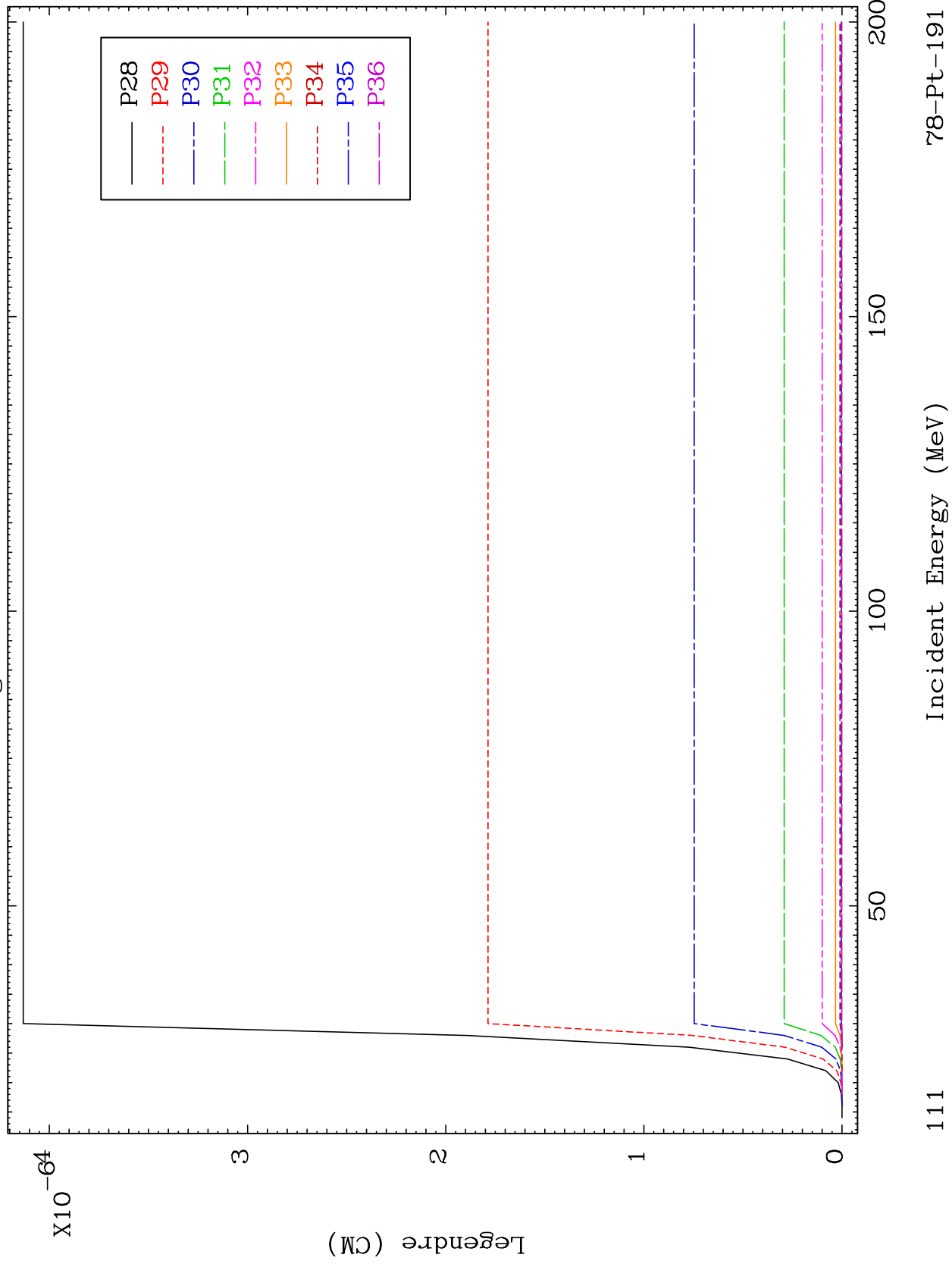
78-Pt-191



MAT 7828

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

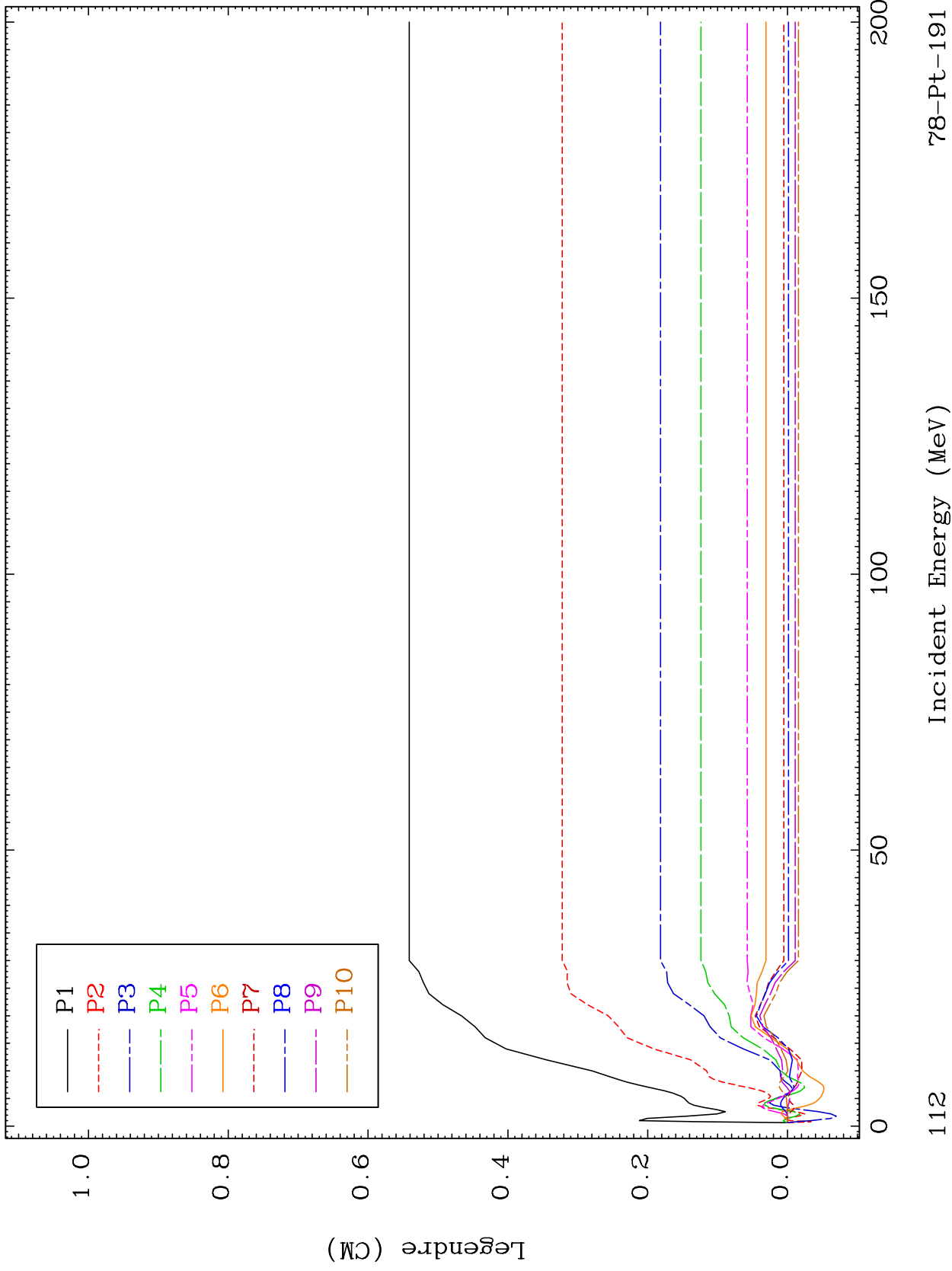
78-Pt-191



MAT 7828

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

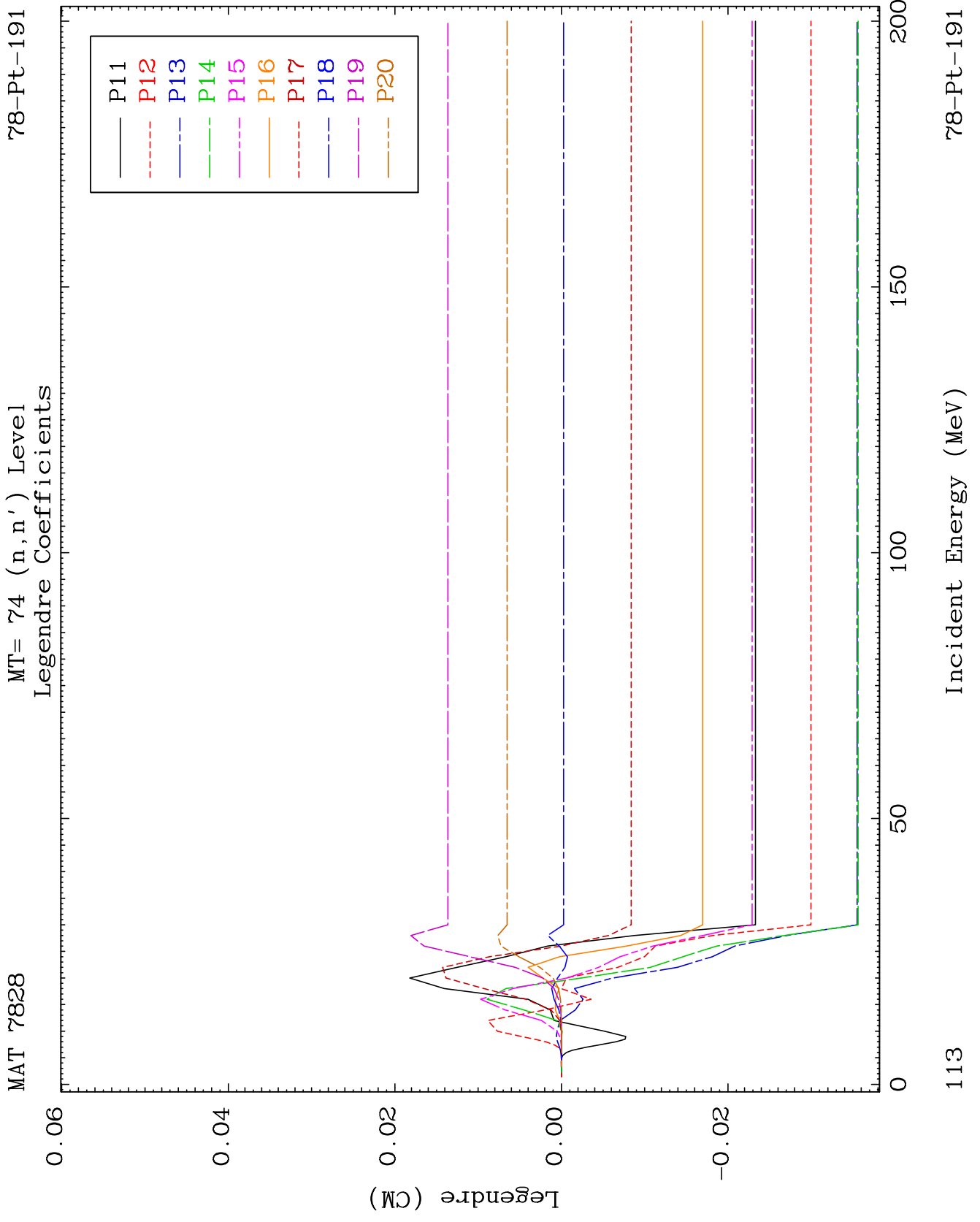
78-Pt-191



112

Incident Energy (MeV)

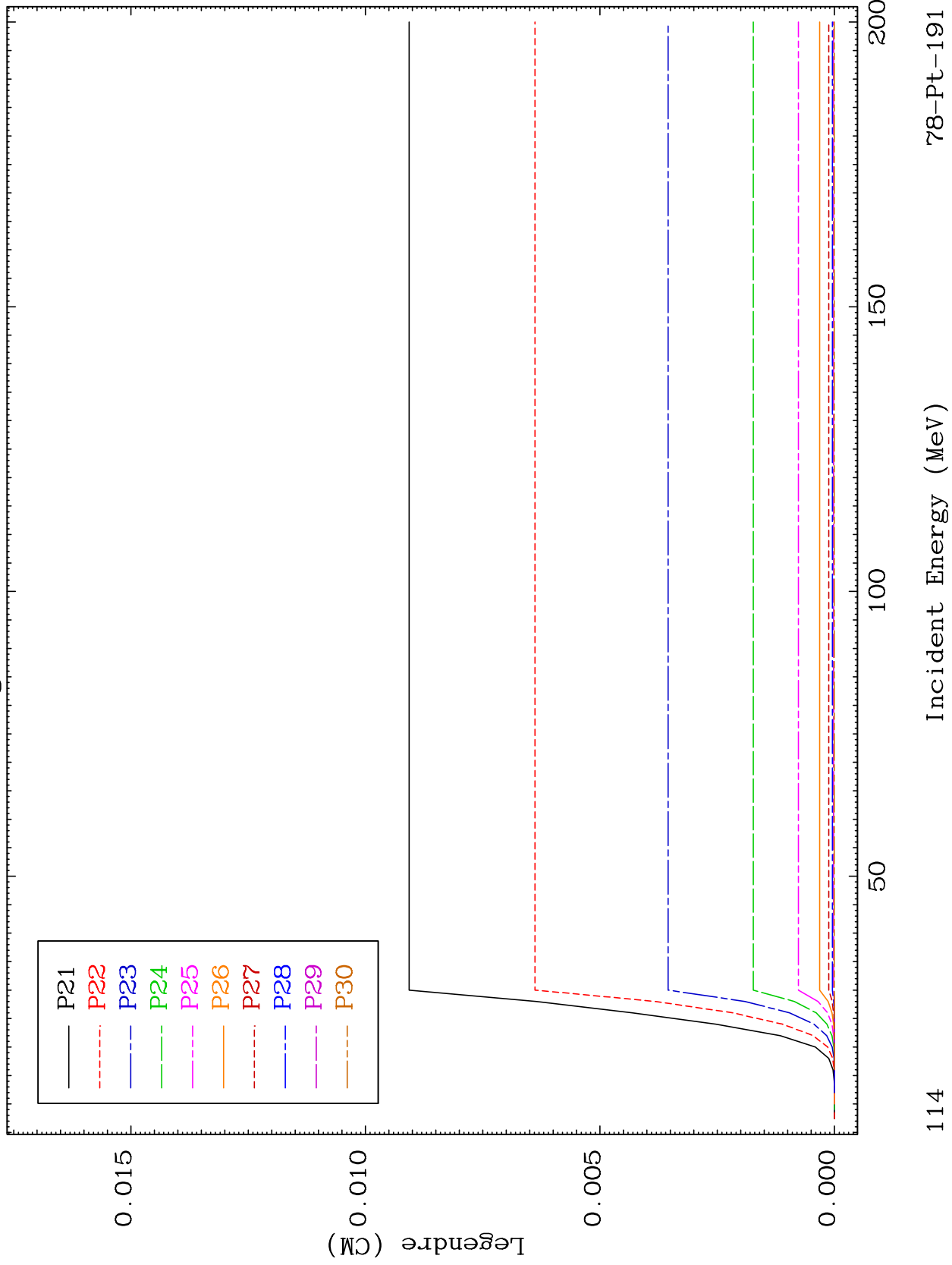
78-Pt-191



MAT 7828

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

78-Pt-191



114

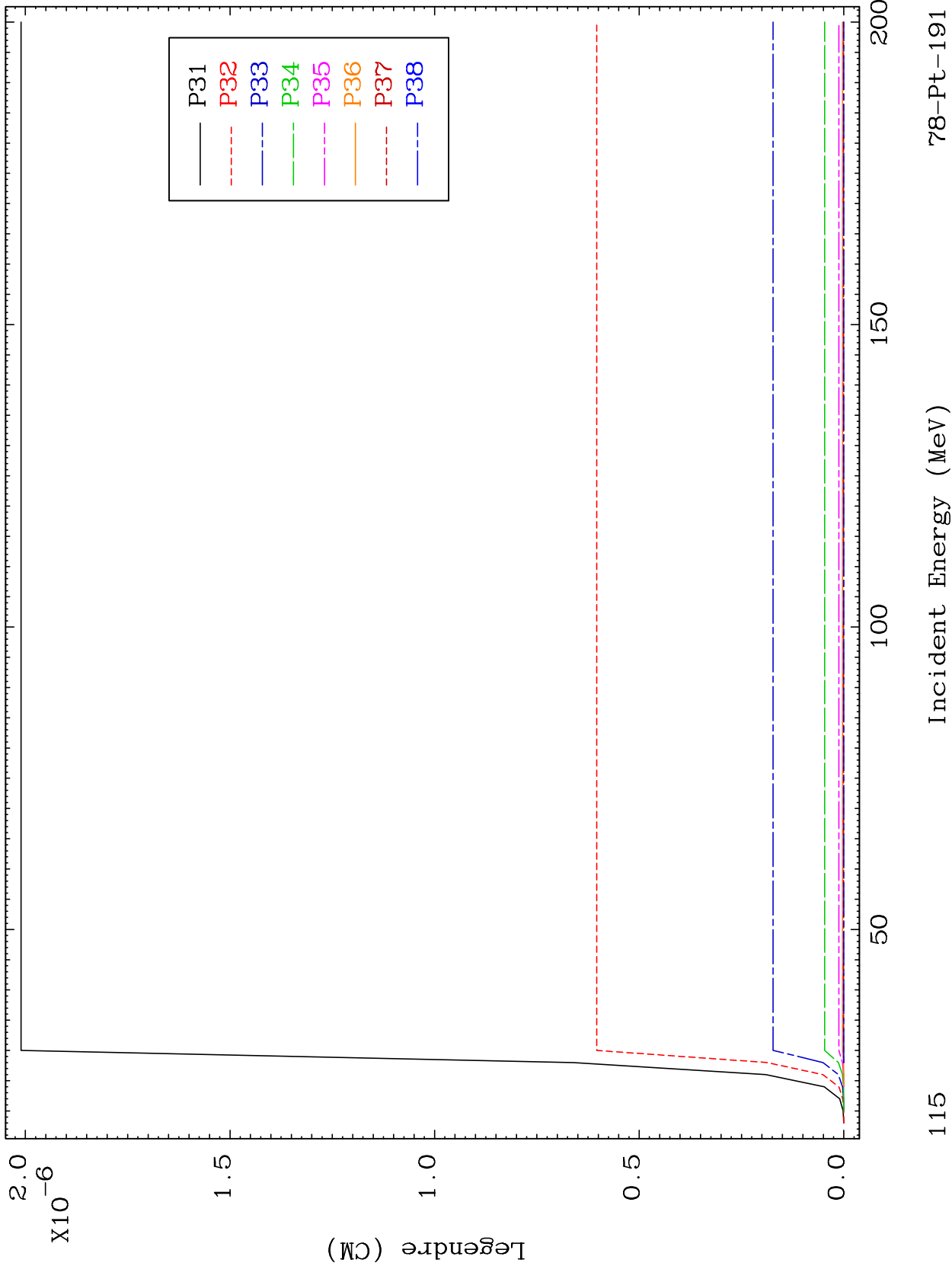
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



115

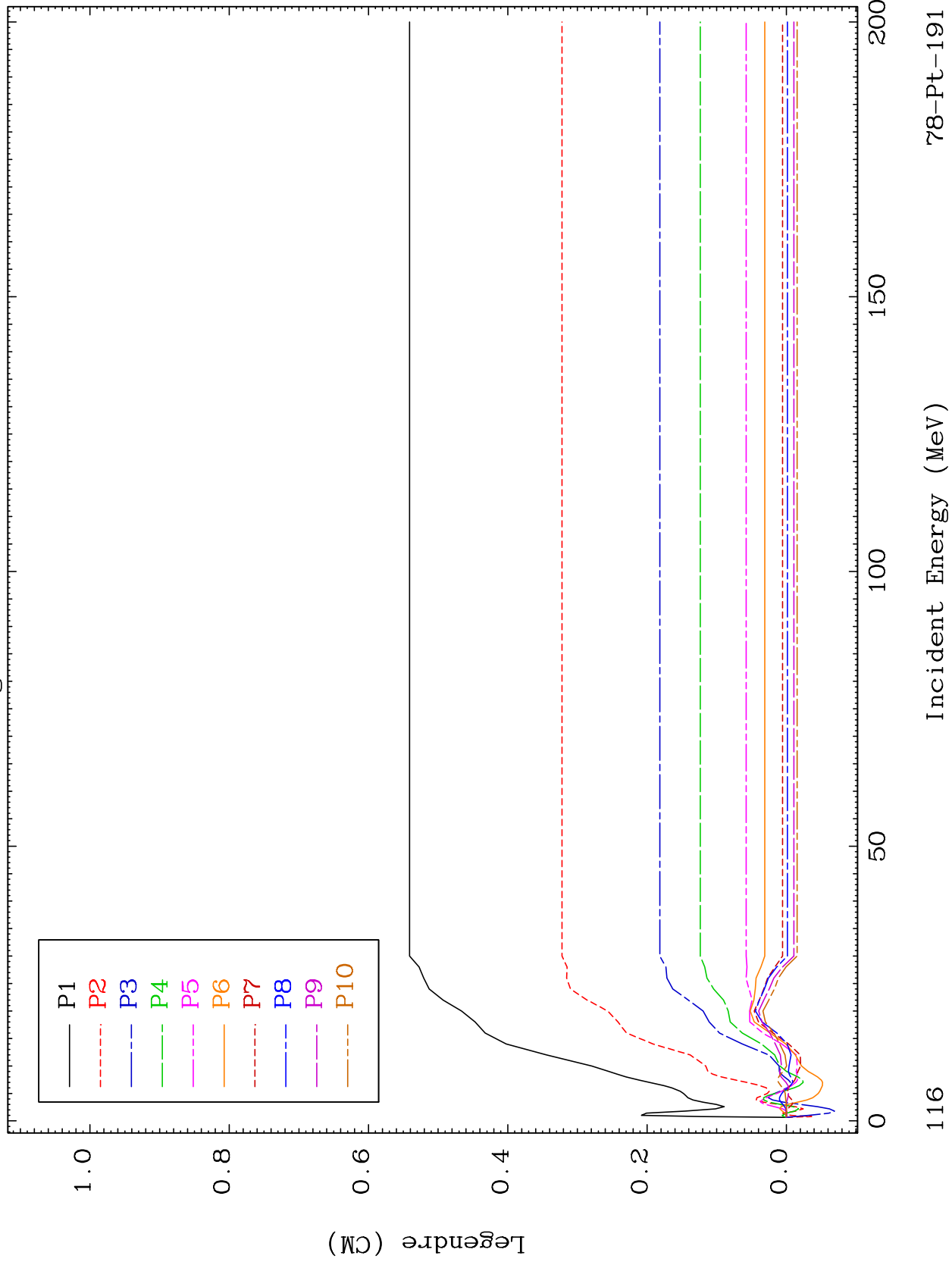
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

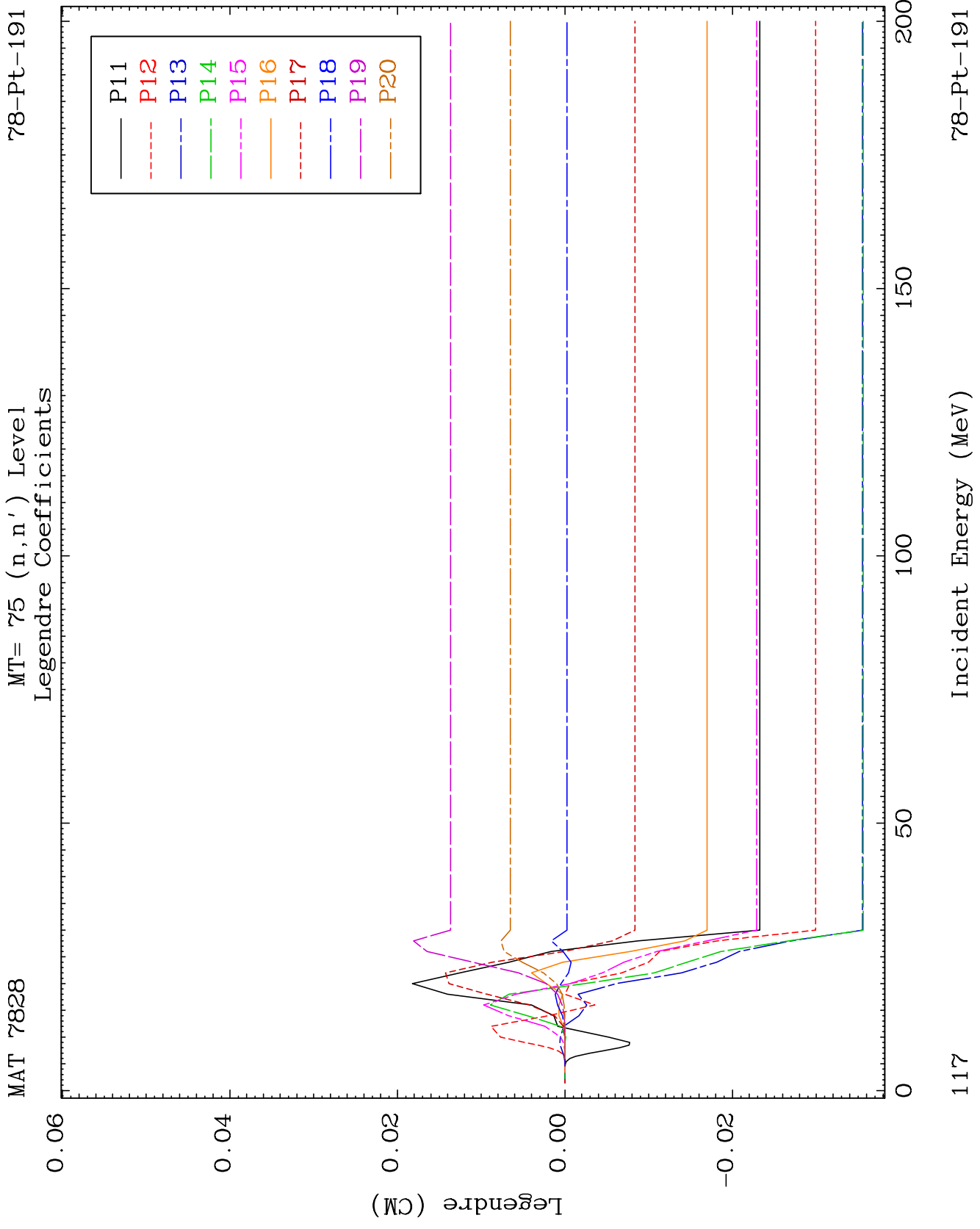
78-Pt-191



116

Incident Energy (MeV)

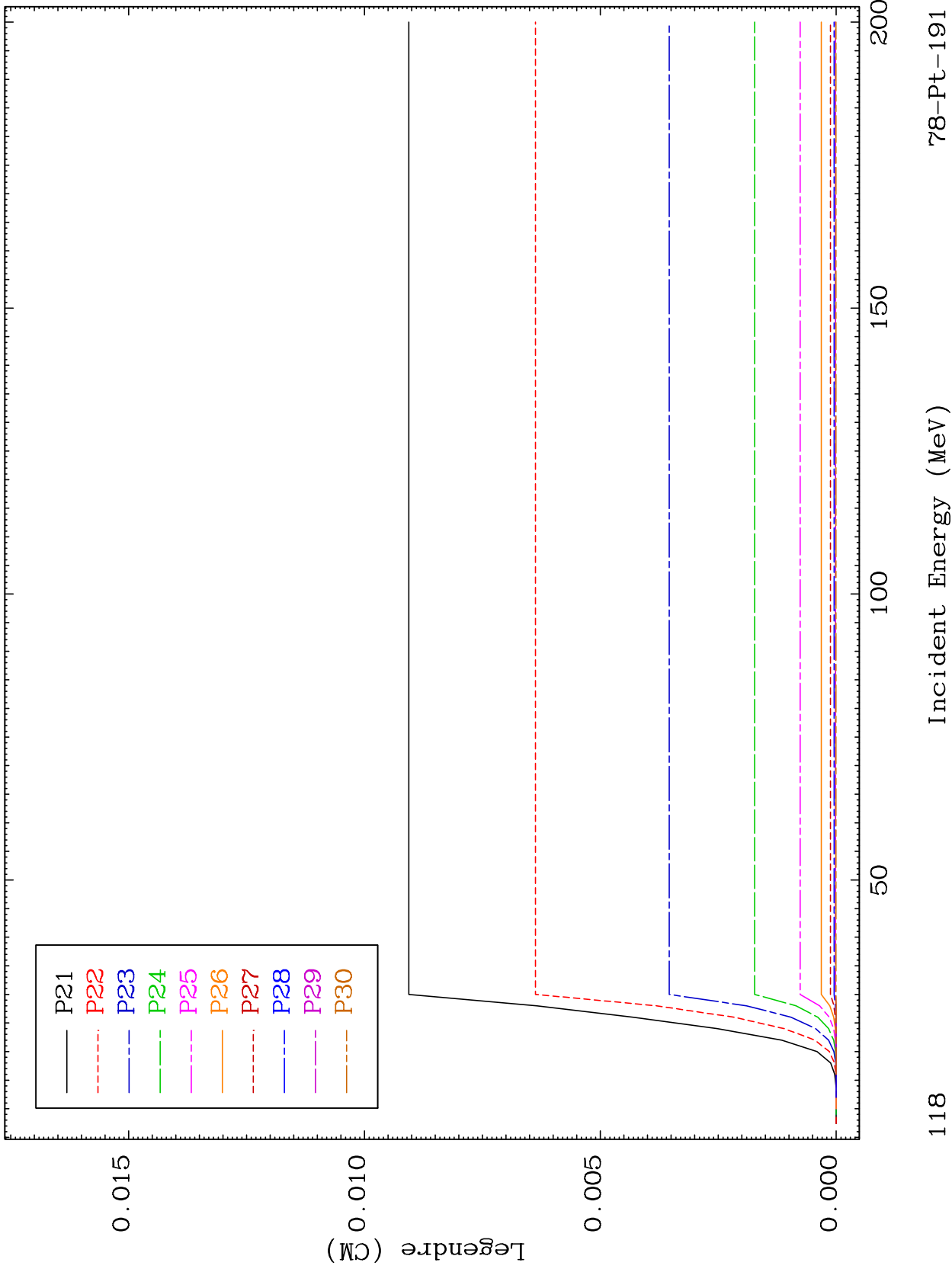
78-Pt-191



MAT 7828

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

78-Pt-191



118

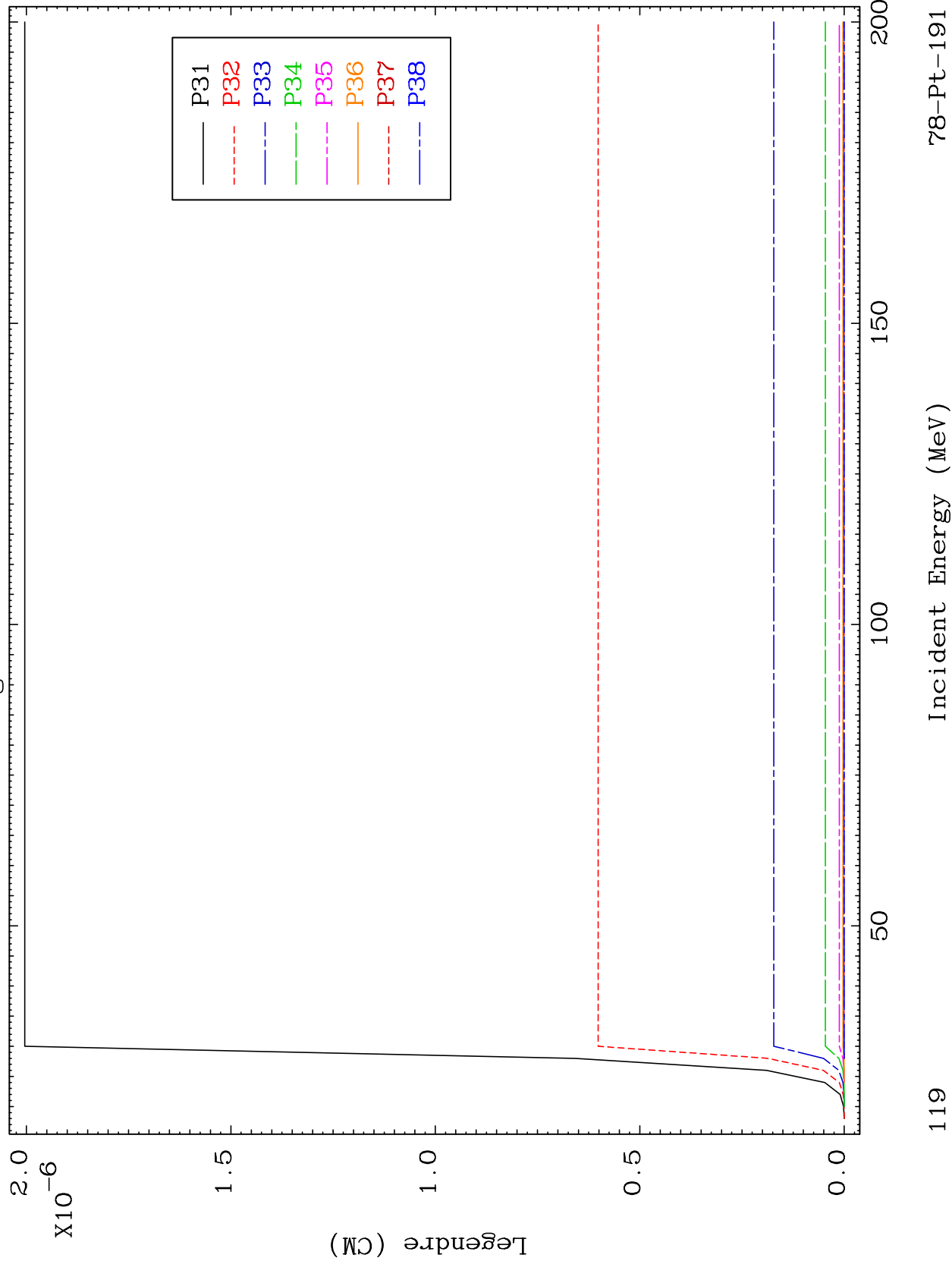
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



119

Incident Energy (MeV)

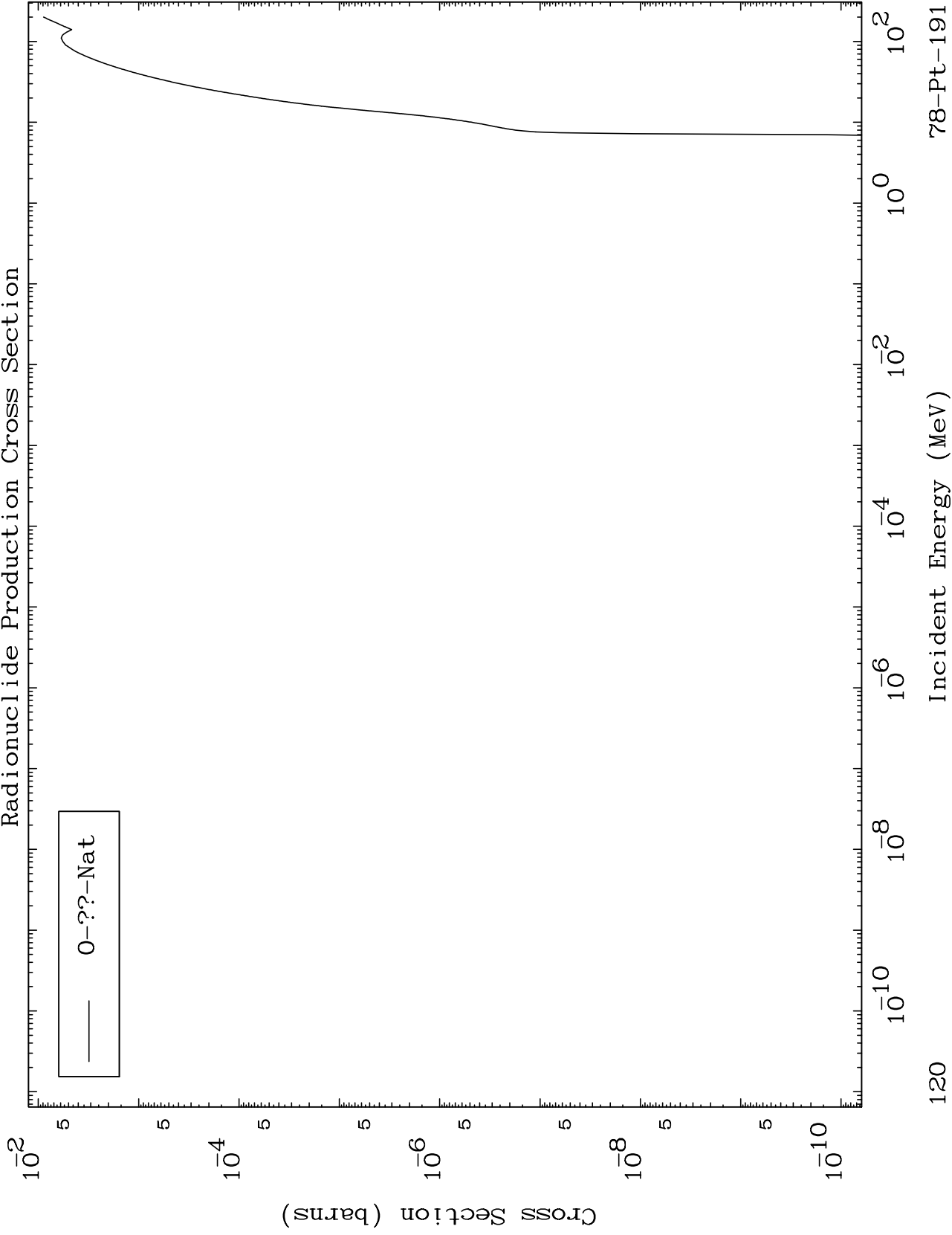
78-Pt-191

MAT 7828

Fission

78-Pt-191

Radionuclide Production Cross Section



120

Incident Energy (MeV)

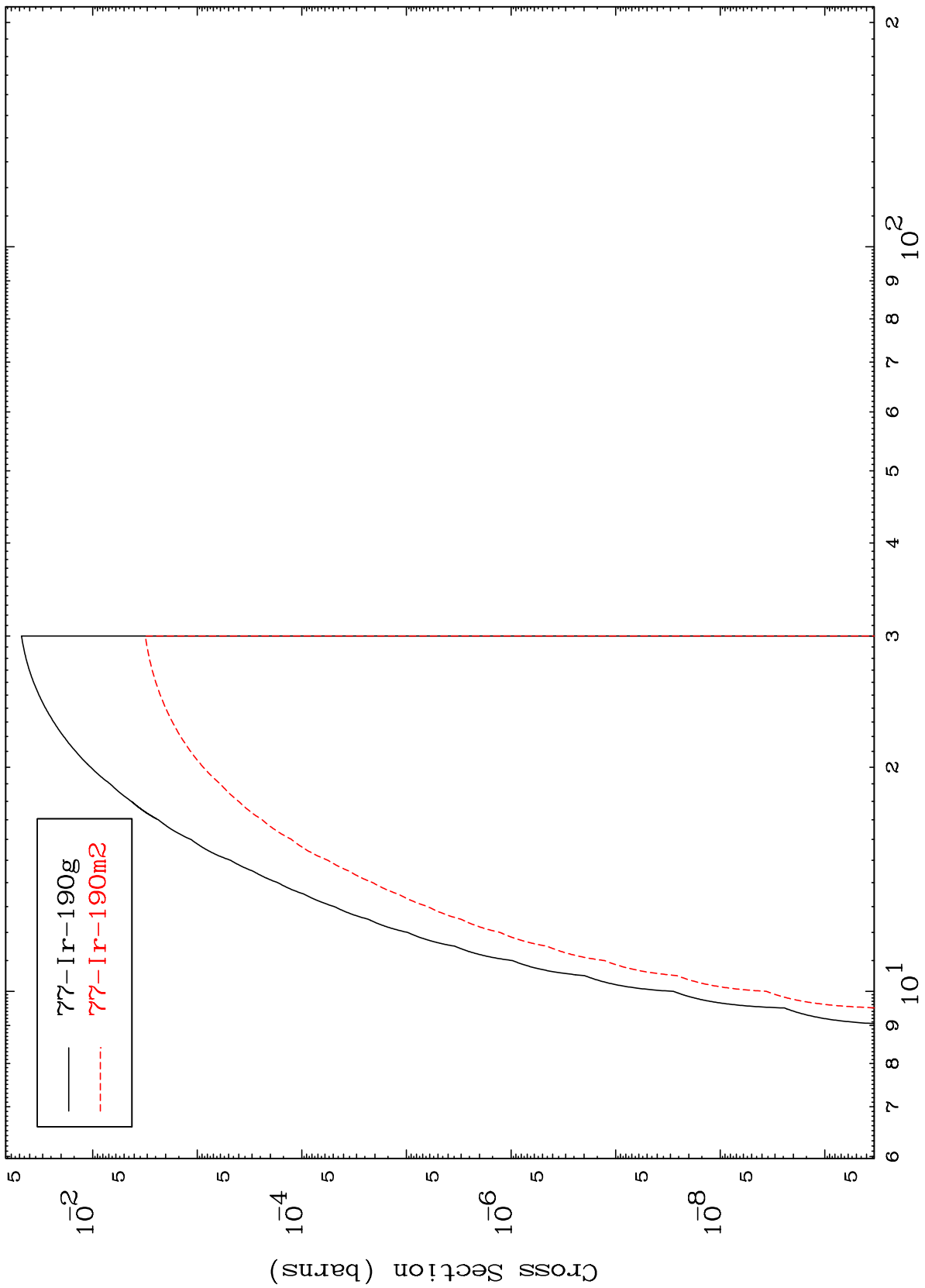
78-Pt-191

MAT 7828

(n,n') p

78-Pt-191

Radionuclide Production Cross Section



121

Incident Energy (MeV)

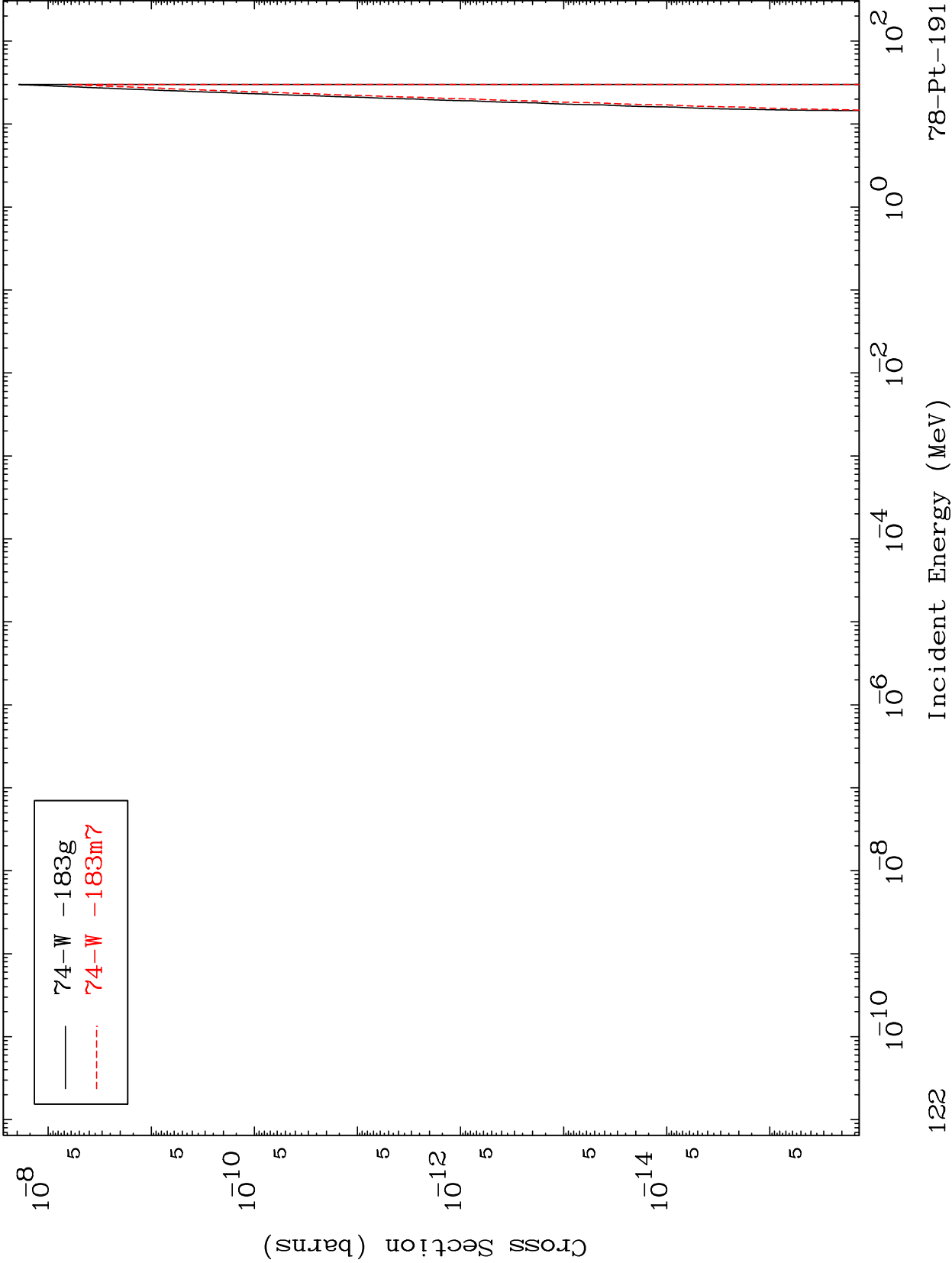
78-Pt-191

MAT 7828

(n,n') 2α

78-Pt-191

Radionuclide Production Cross Section



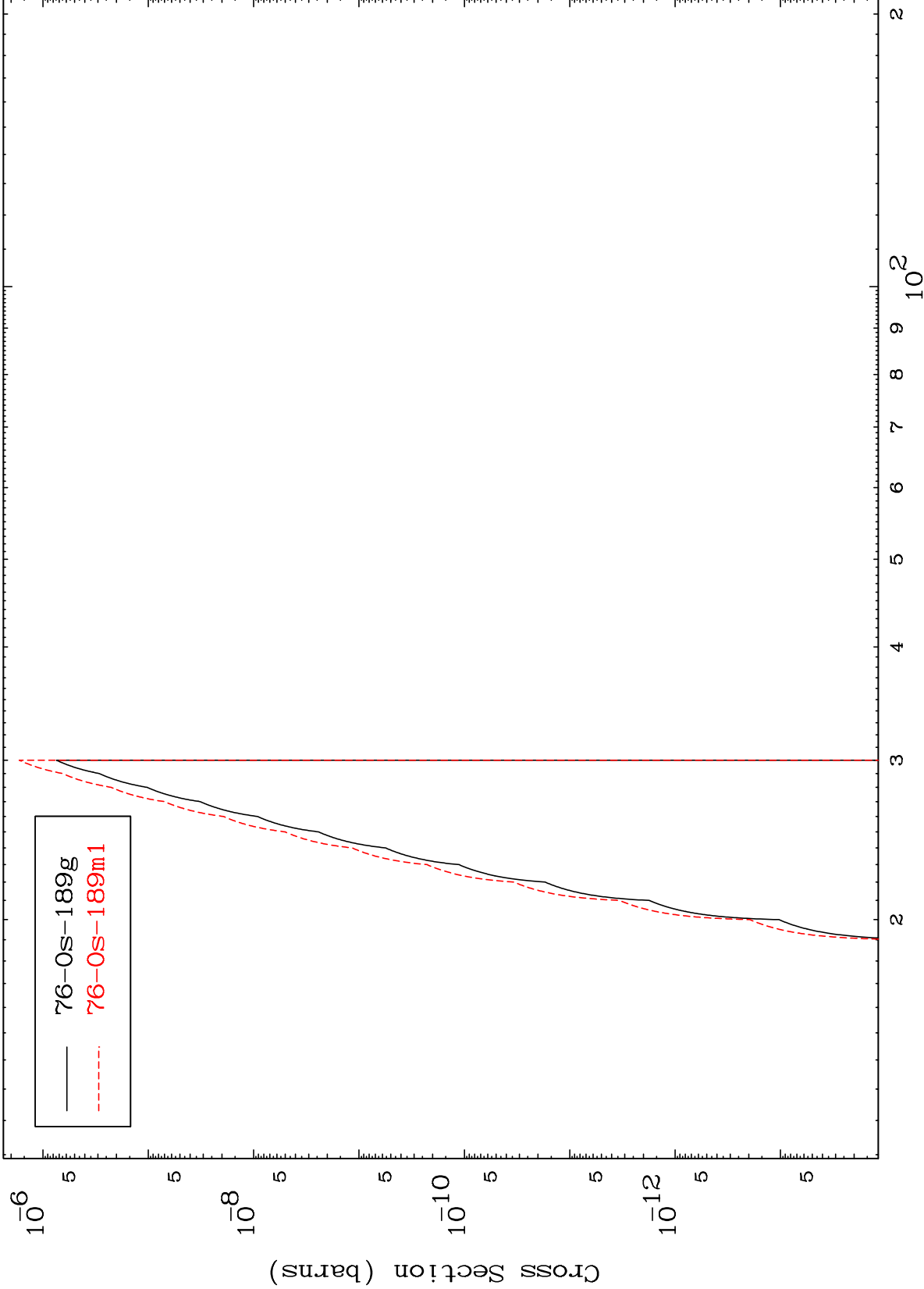
74-W-183g
74-W-183m7

MAT 7828

(n,2n) p

78-Pt-191

Radionuclide Production Cross Section



123

Incident Energy (MeV)

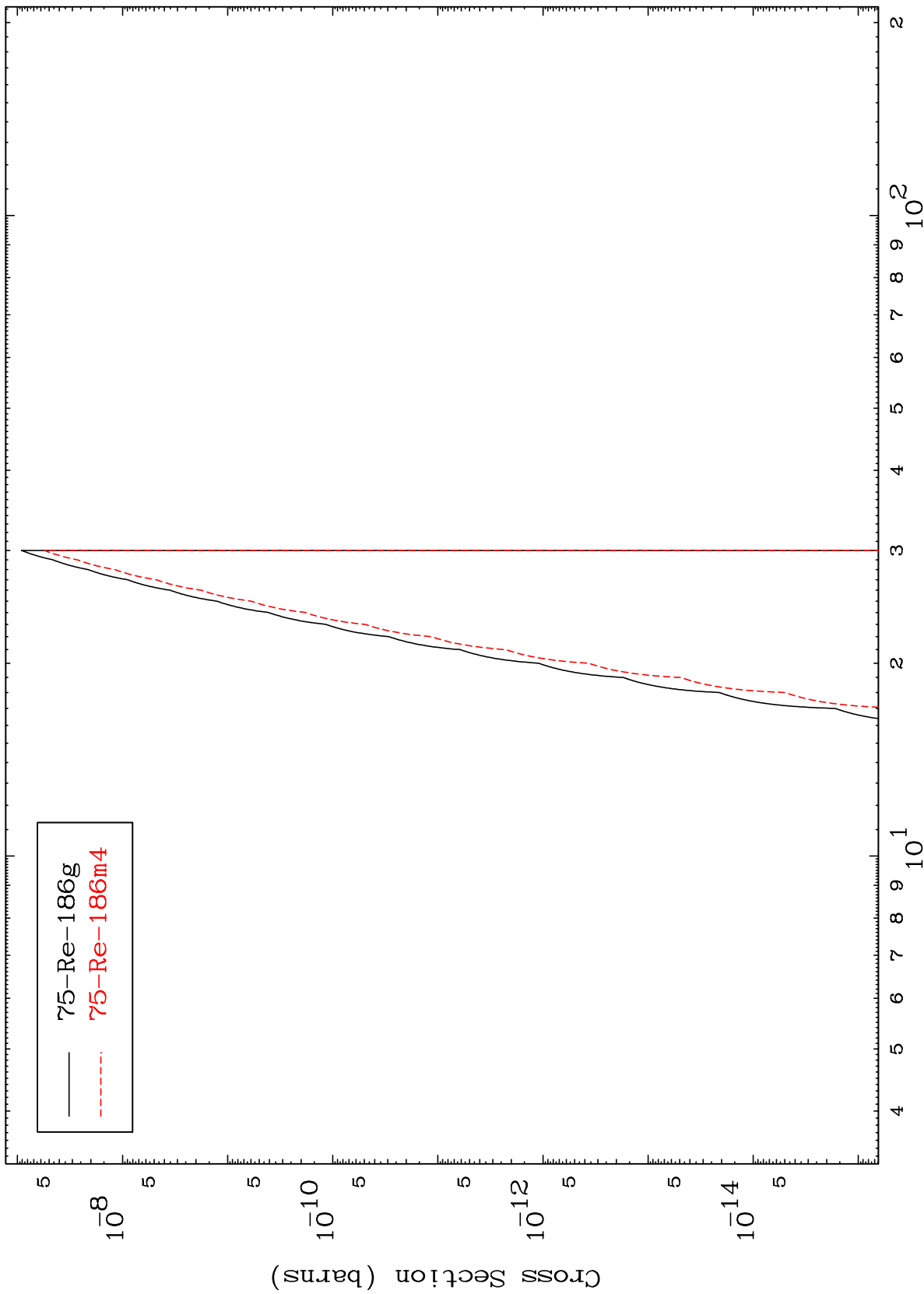
78-Pt-191

MAT 7828

(n,n') p α

78-Pt-191

Radionuclide Production Cross Section



124

Incident Energy (MeV)

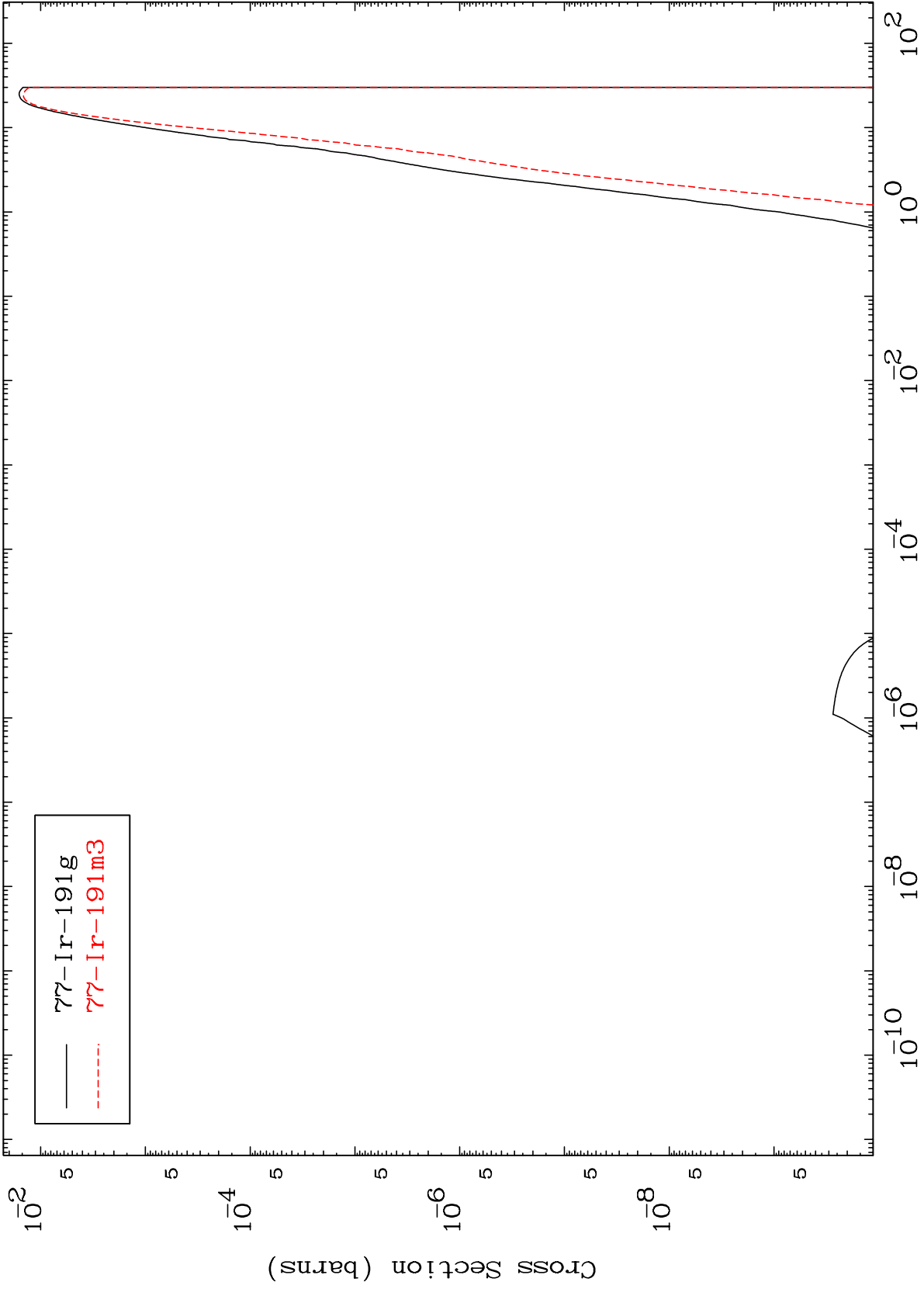
78-Pt-191

MAT 7828

(n,p)

78-Pt-191

Radionuclide Production Cross Section

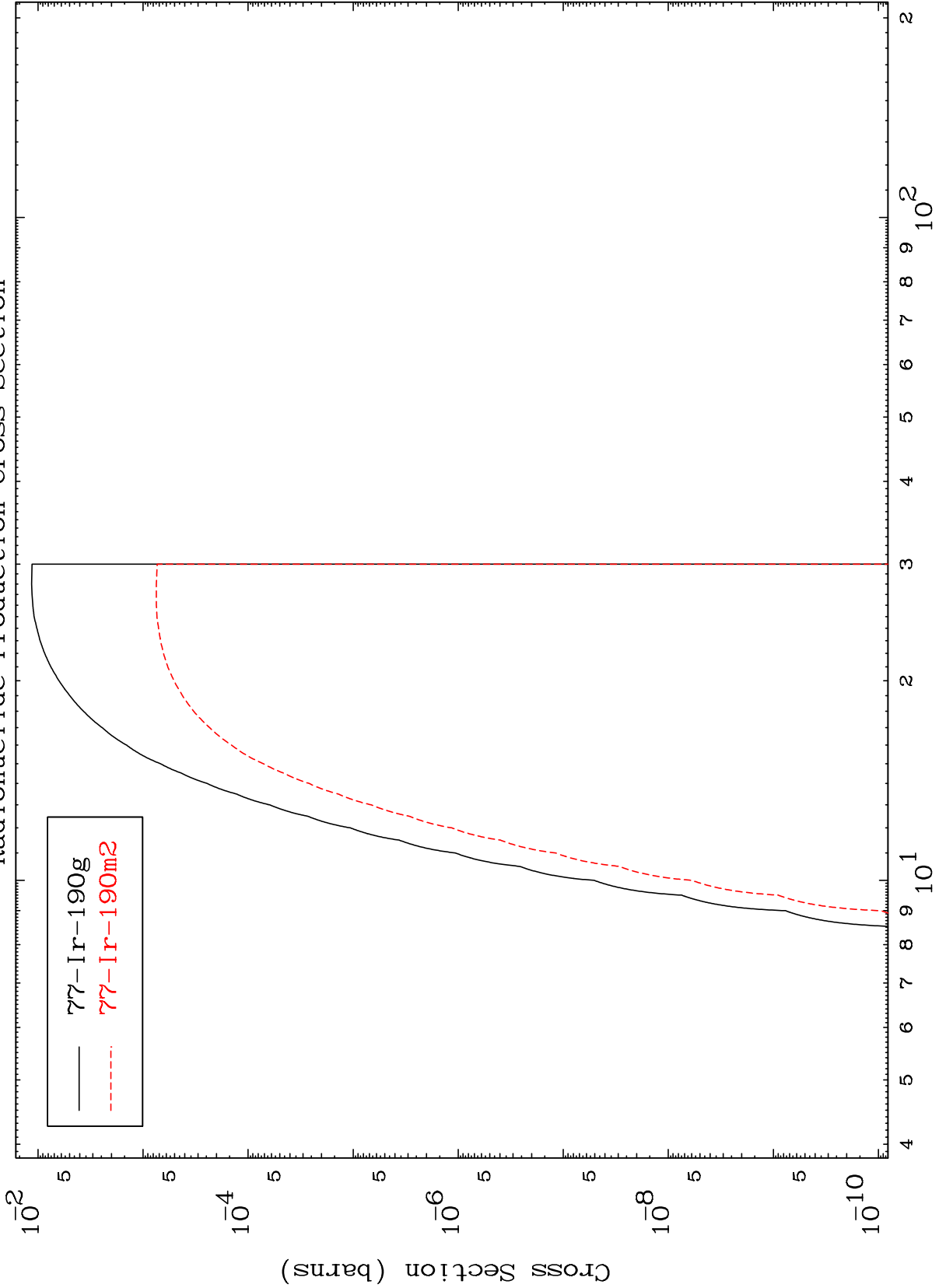


125

Incident Energy (MeV)

78-Pt-191

(n,d)
Radionuclide Production Cross Section



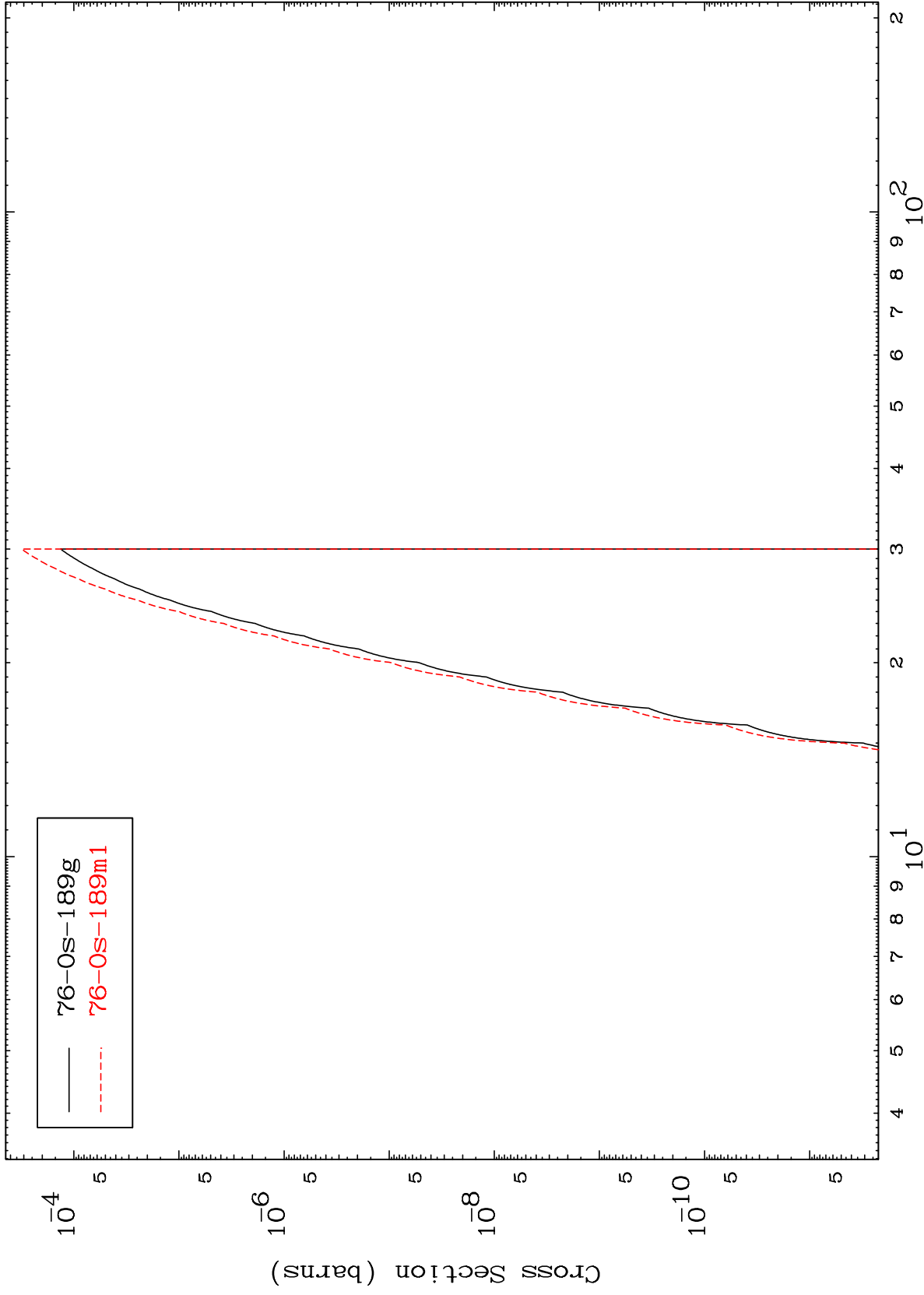
— 77-Ir-190g
- - - 77-Ir-190m2

MAT 7828

(n,He-3)

78-Pt-191

Radionuclide Production Cross Section



— 76-Os-189g
- - - 76-Os-189m1

127

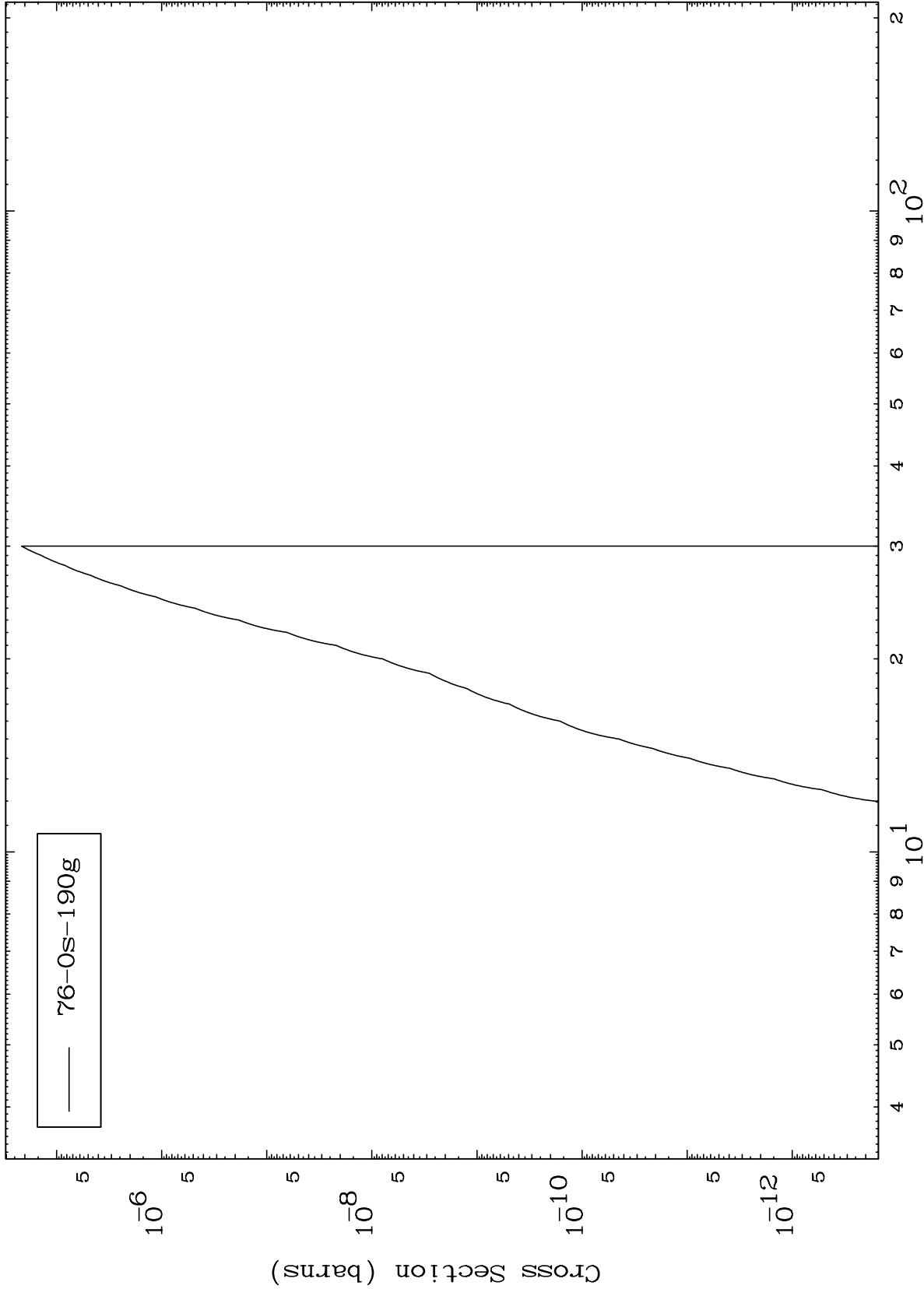
Incident Energy (MeV)

78-Pt-191

MAT 7828

78-Pt-191

(n,2p)
Radionuclide Production Cross Section



128

78-Pt-191

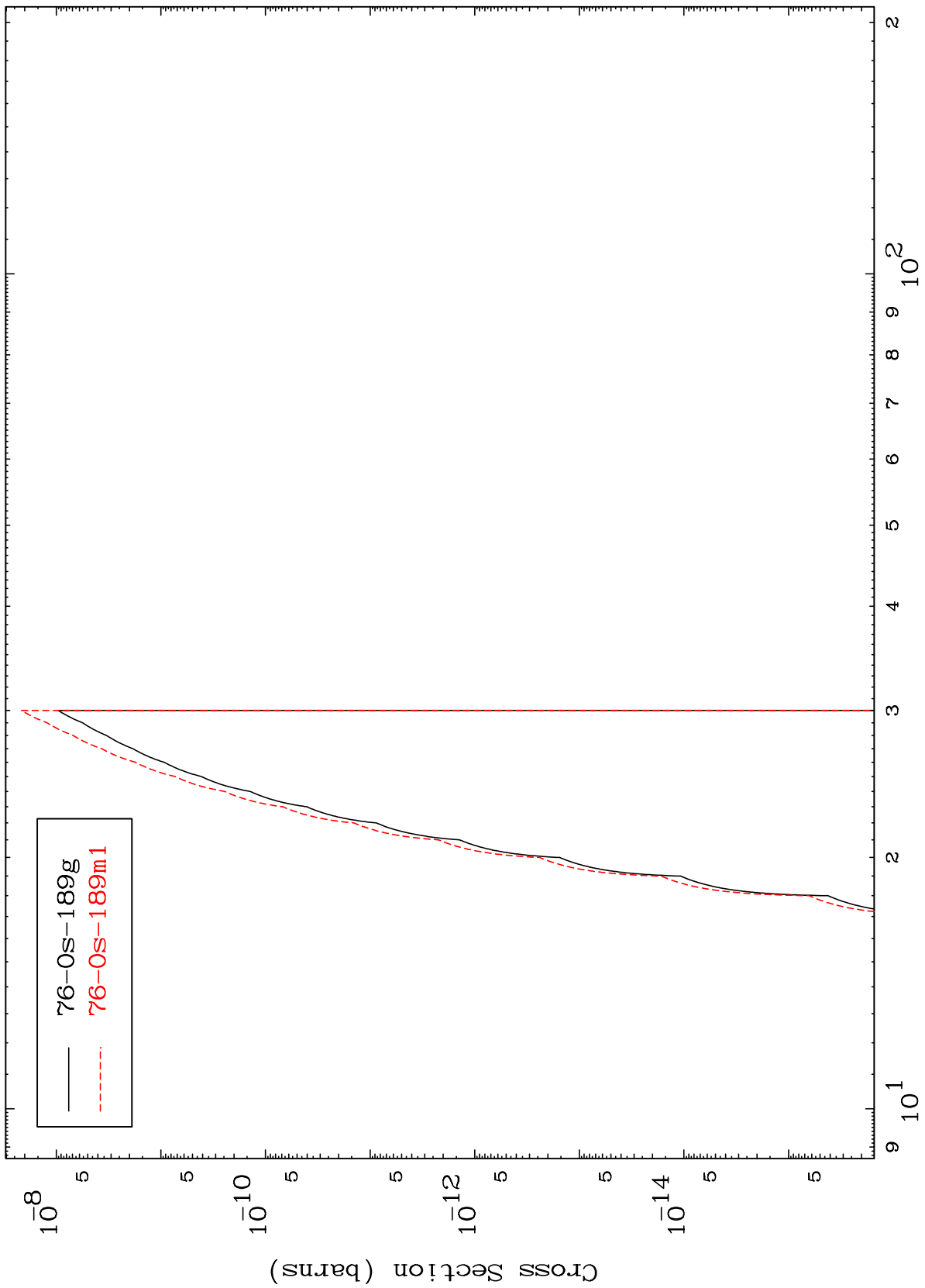
Incident Energy (MeV)

MAT 7828

(n,p) d

78-Pt-191

Radionuclide Production Cross Section



76-Os-189g
76-Os-189m1

129

Incident Energy (MeV)

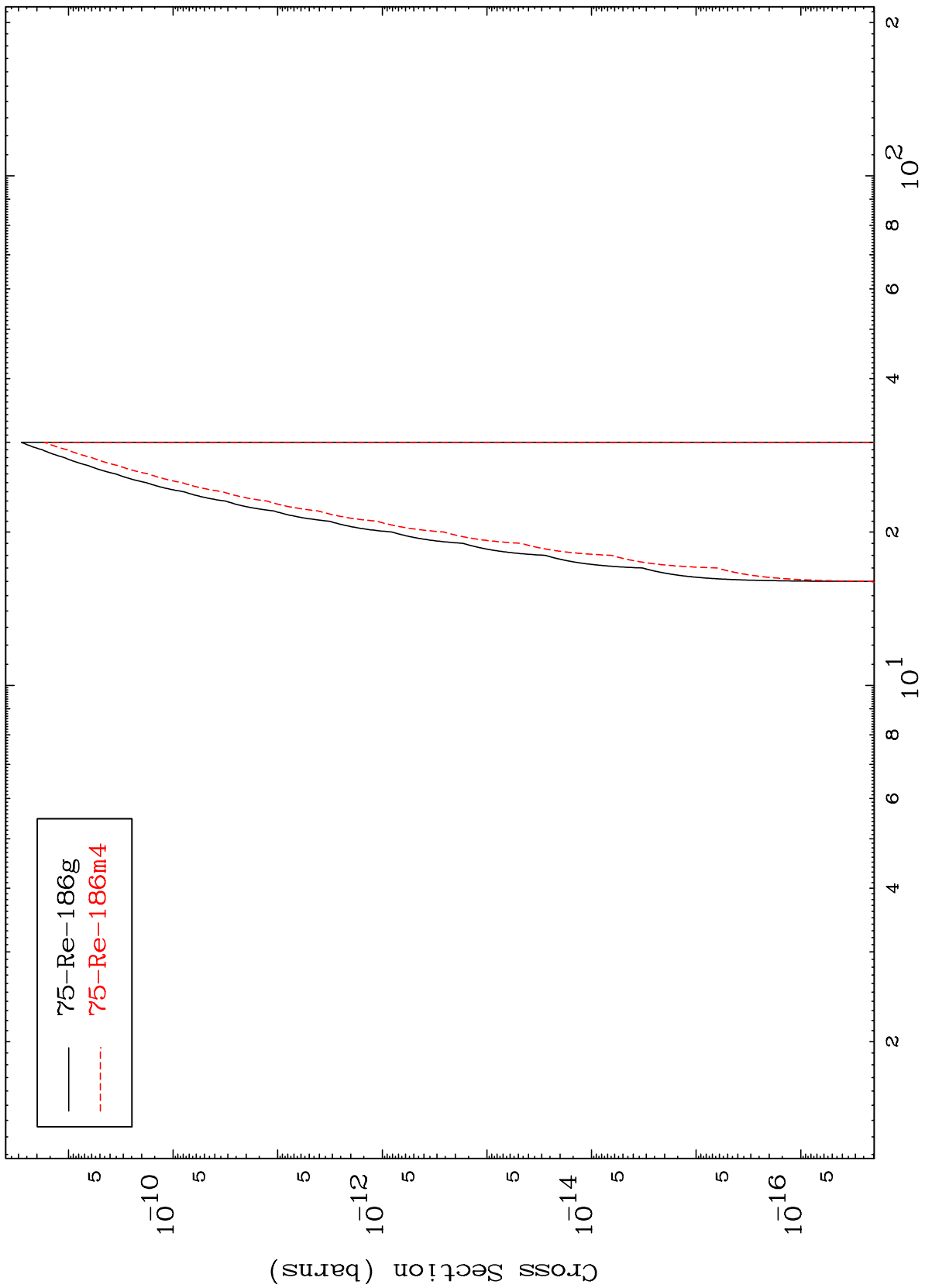
78-Pt-191

MAT 7828

(n,d) α

78-Pt-191

Radionuclide Production Cross Section



75-Re-186g
75-Re-186m4

130

Incident Energy (MeV)

78-Pt-191