

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

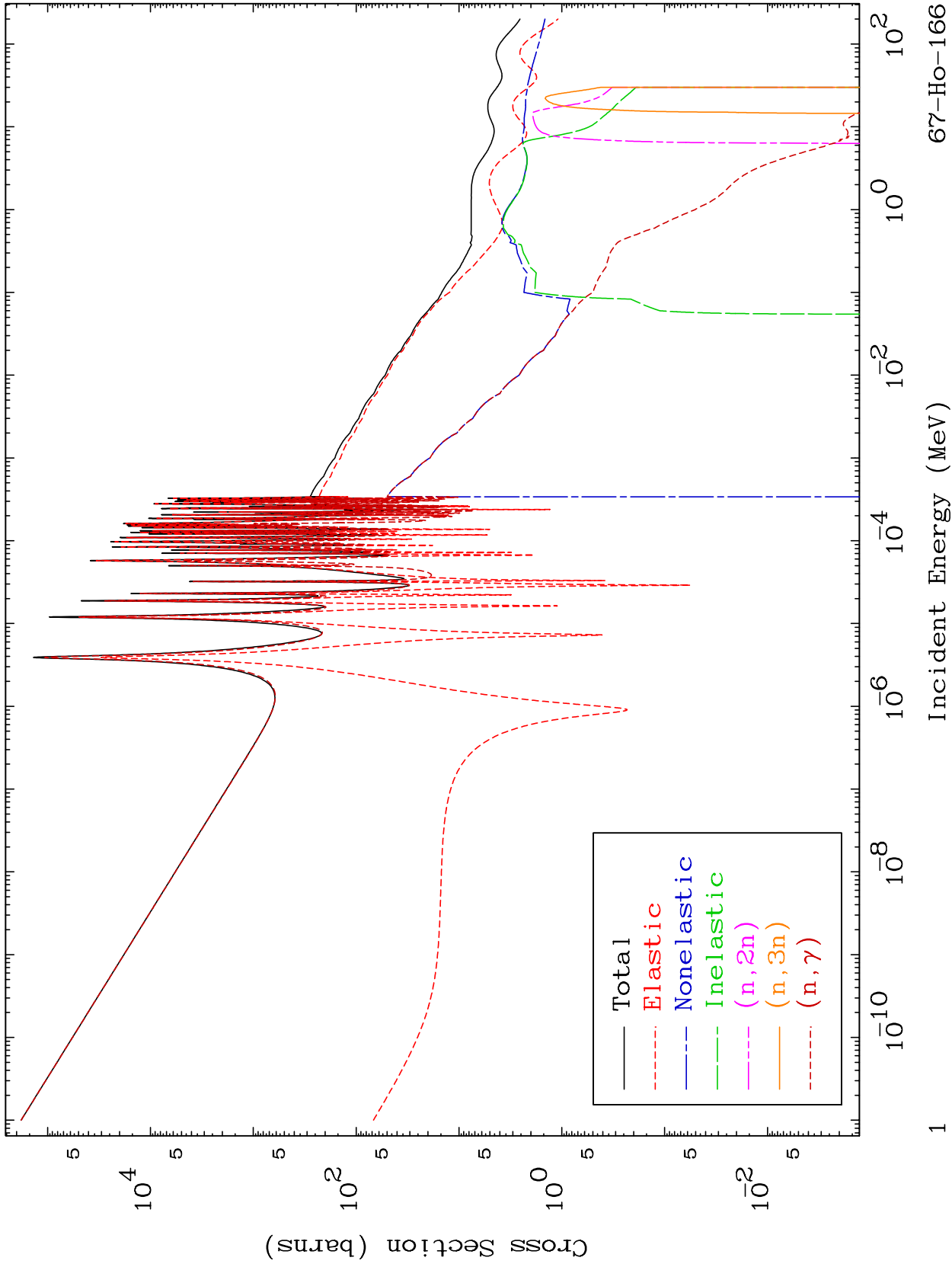
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6728

Neutron Major
293 Kelvin Cross Sections

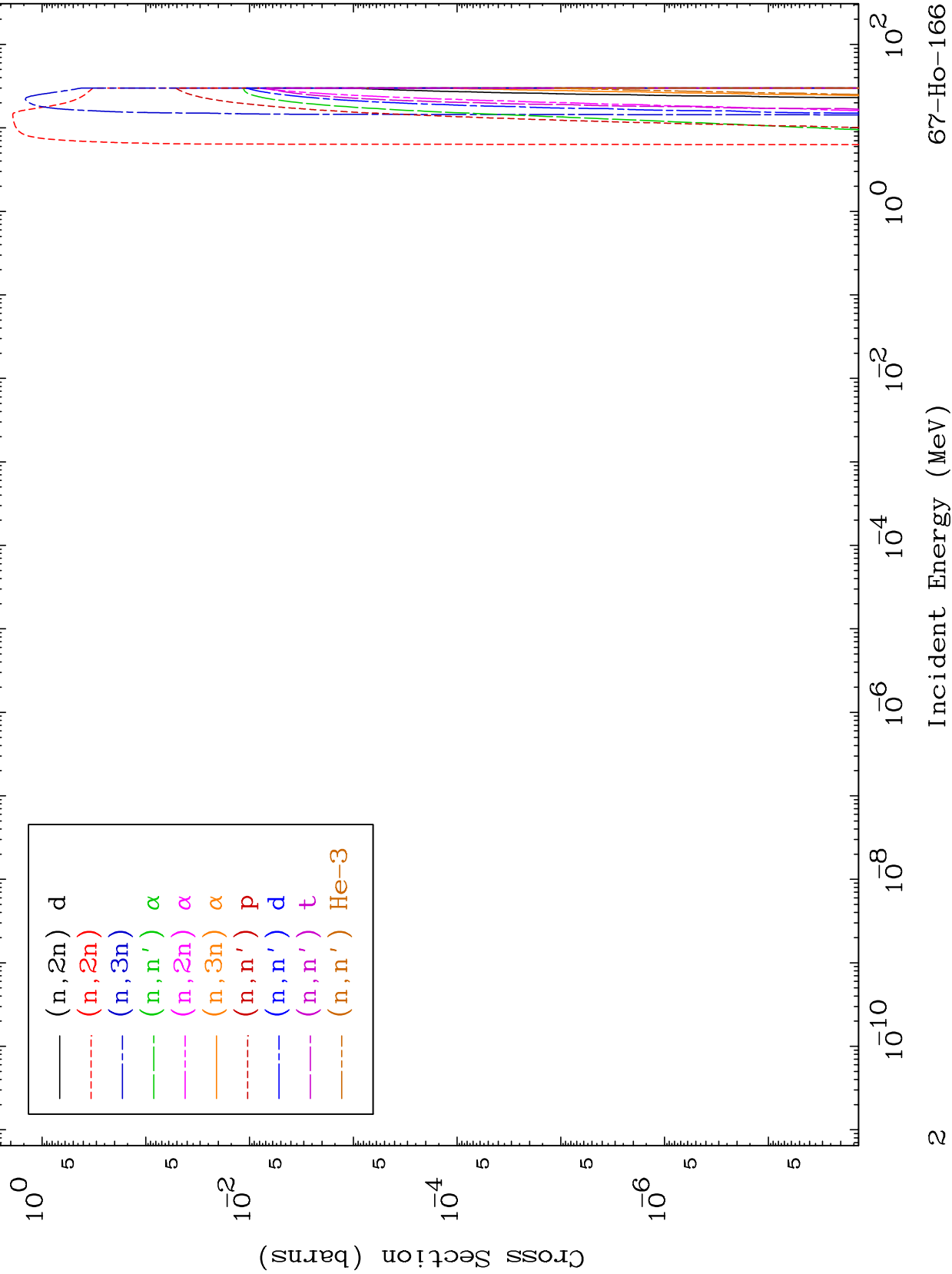
67-Ho-166

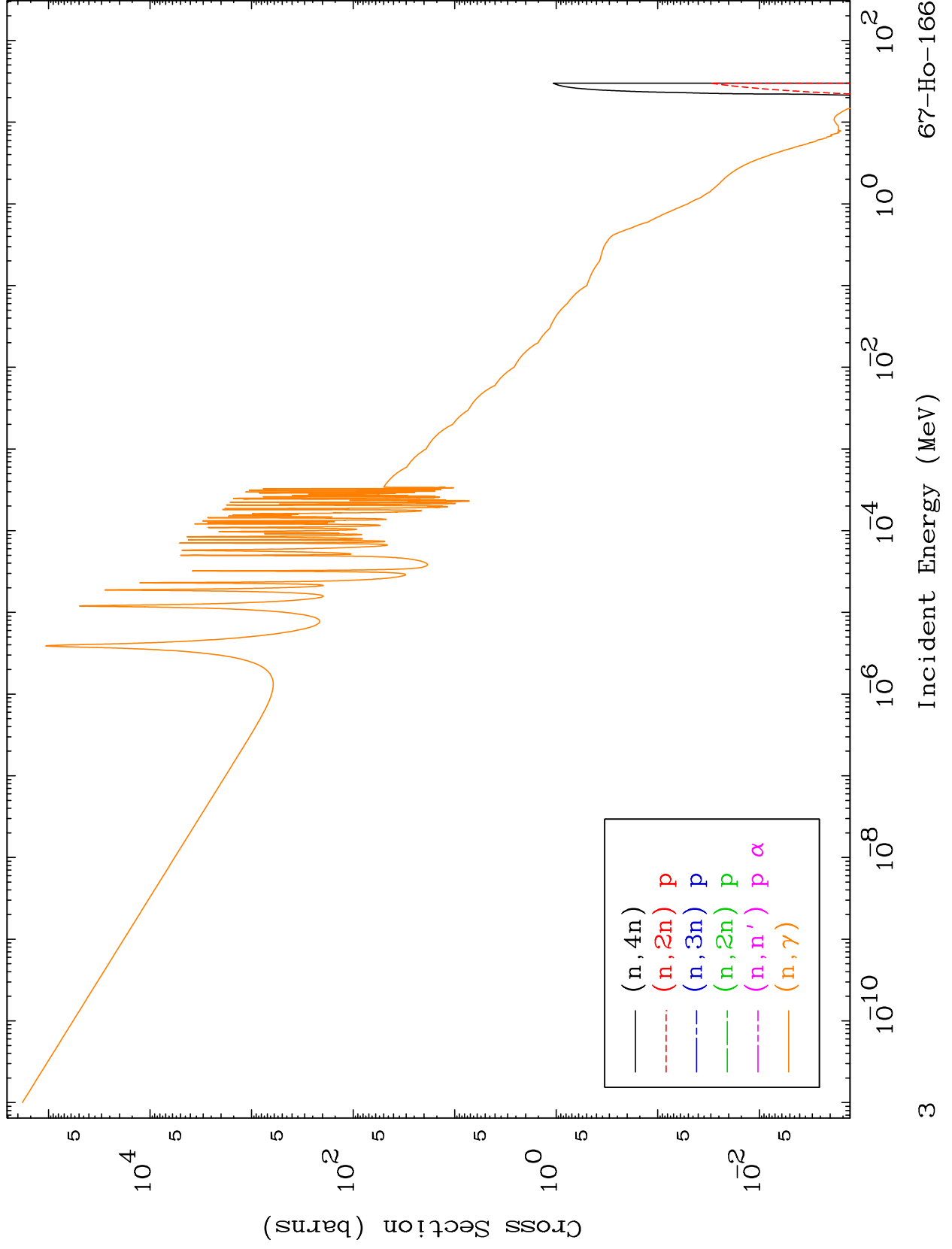


MAT 6728

Neutron Absorption
293 Kelvin Cross Sections

67-Ho-166

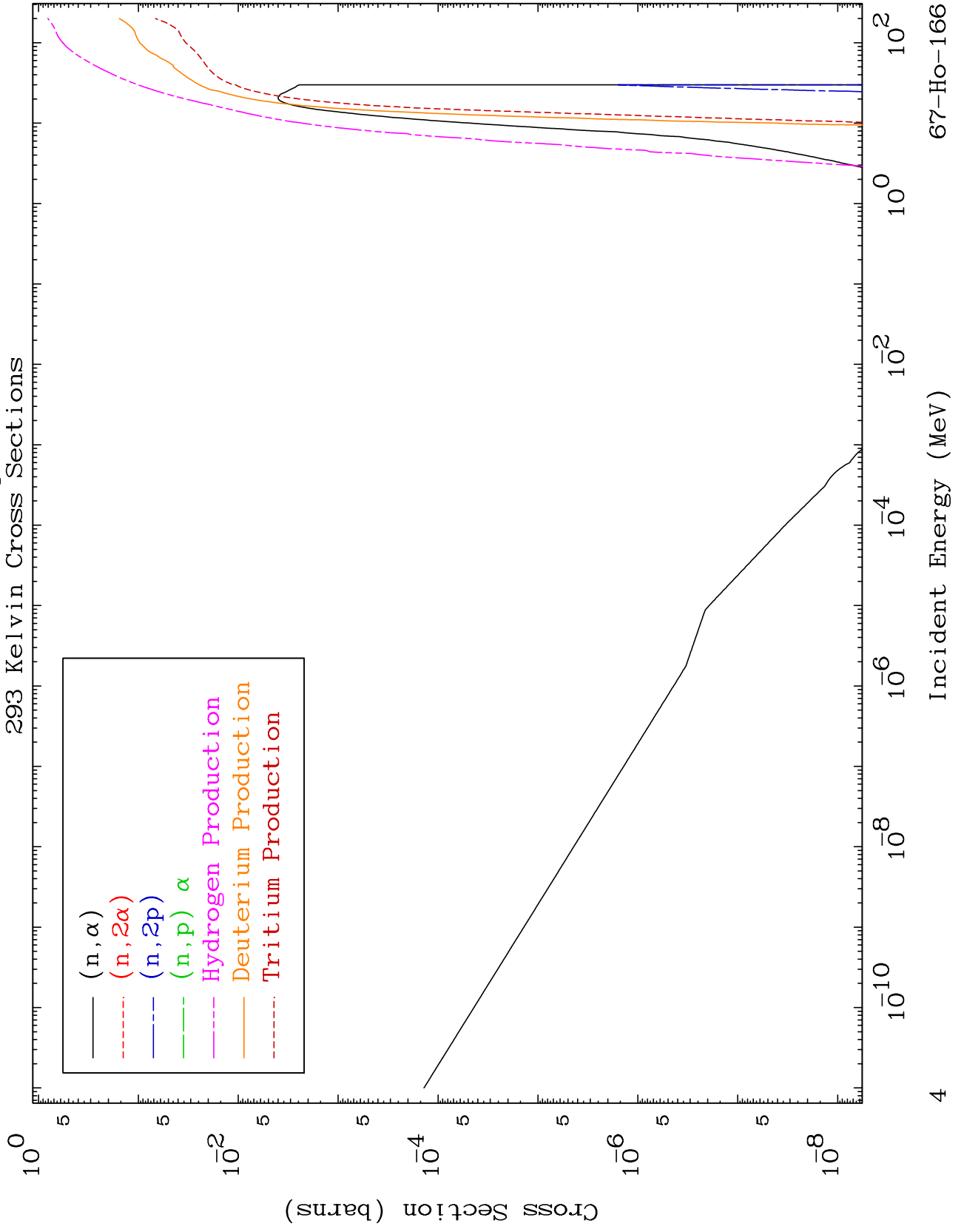




MAT 6728

Neutron Absorption
293 Kelvin Cross Sections

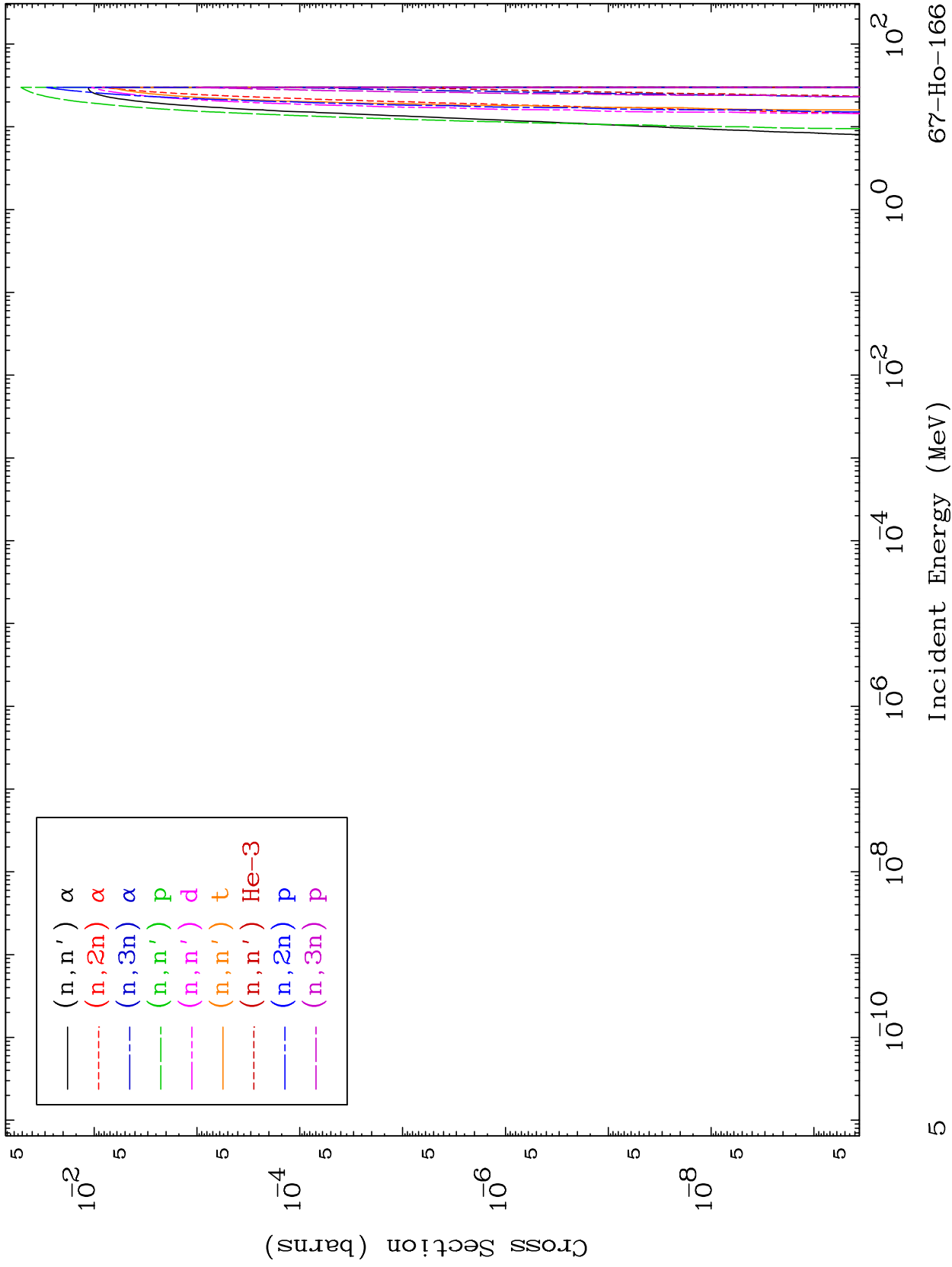
67-Ho-166



MAT 6728

Charged Particle
293 Kelvin Cross Sections

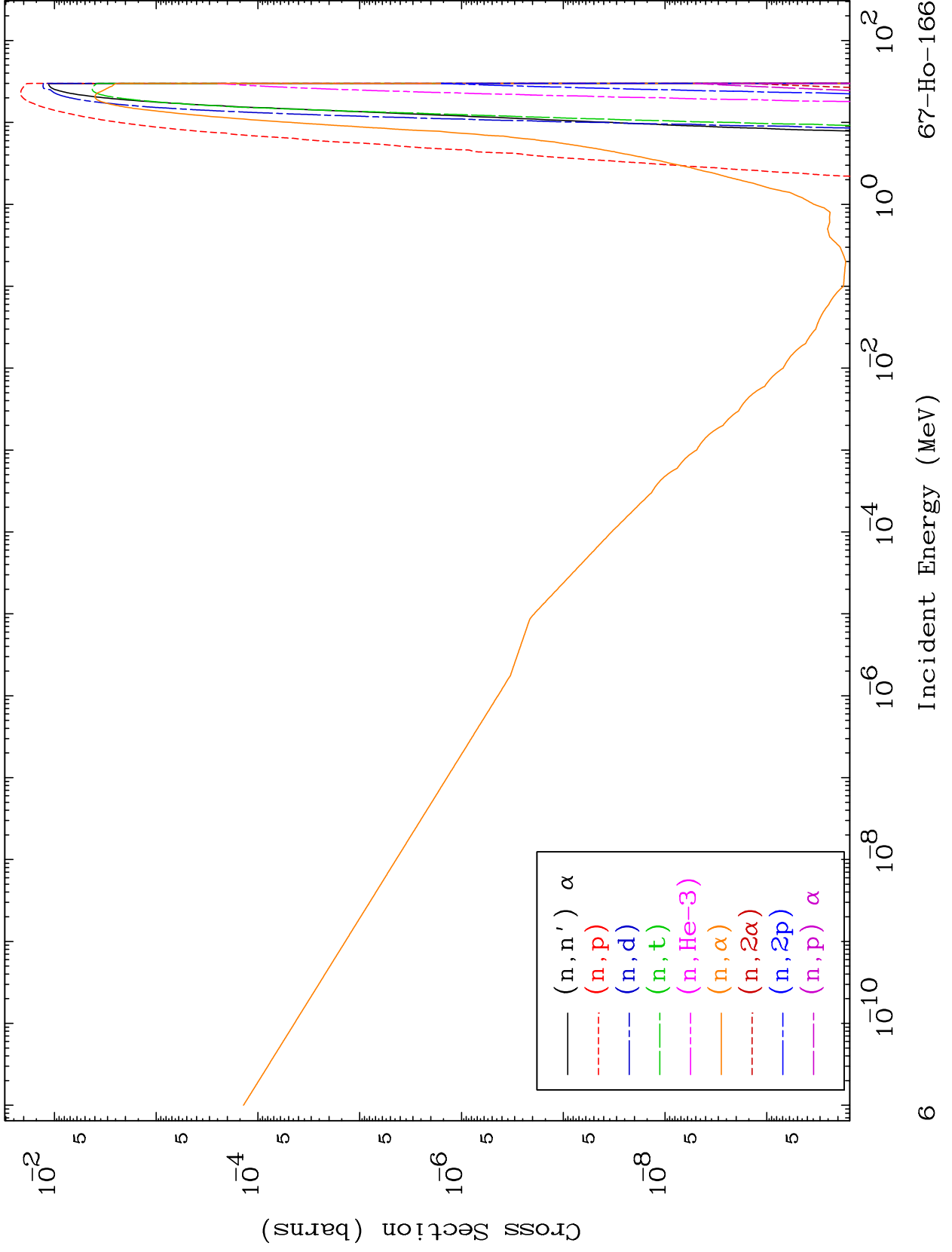
67-Ho-166



MAT 6728

Charged Particle
293 Kelvin Cross Sections

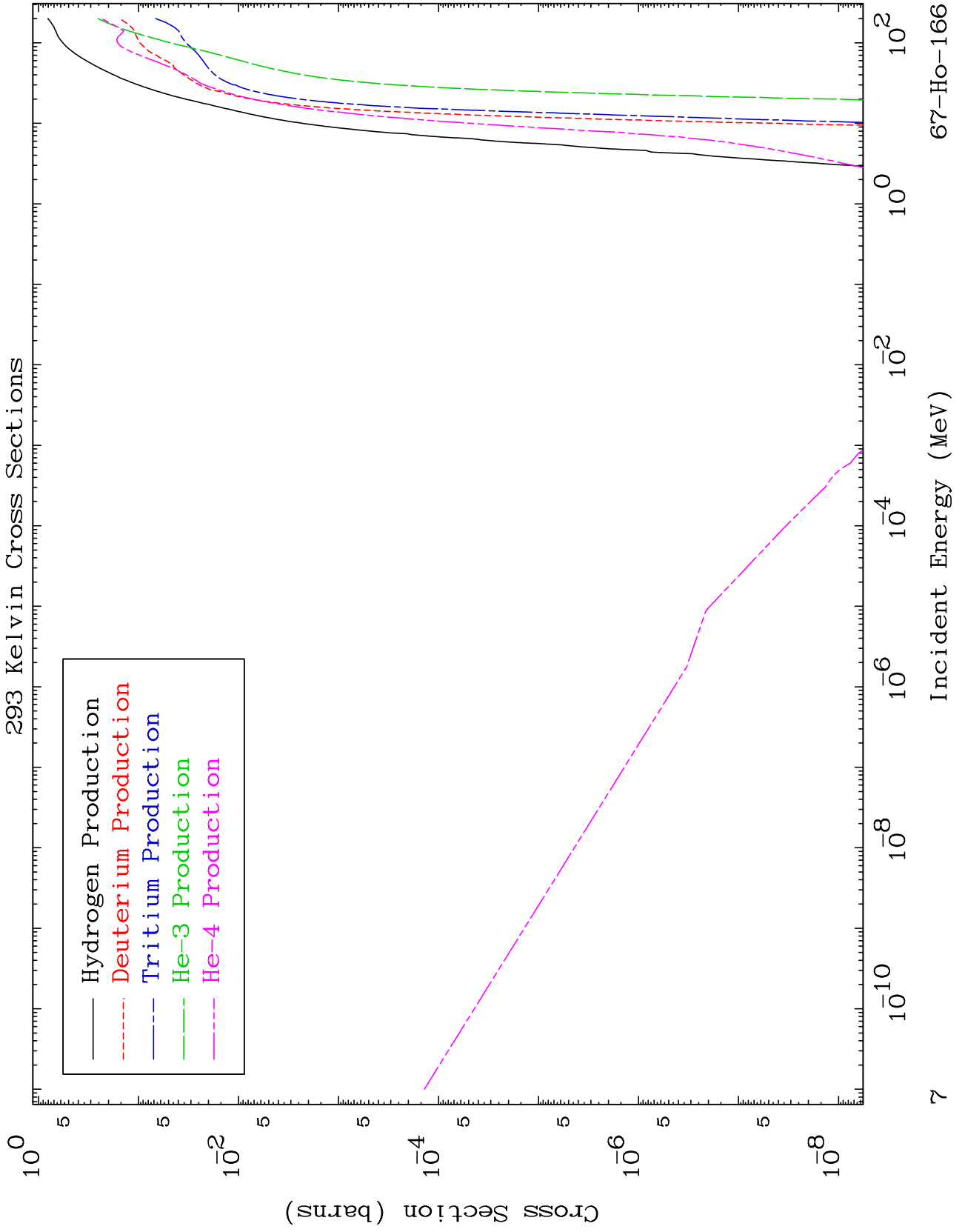
67-Ho-166

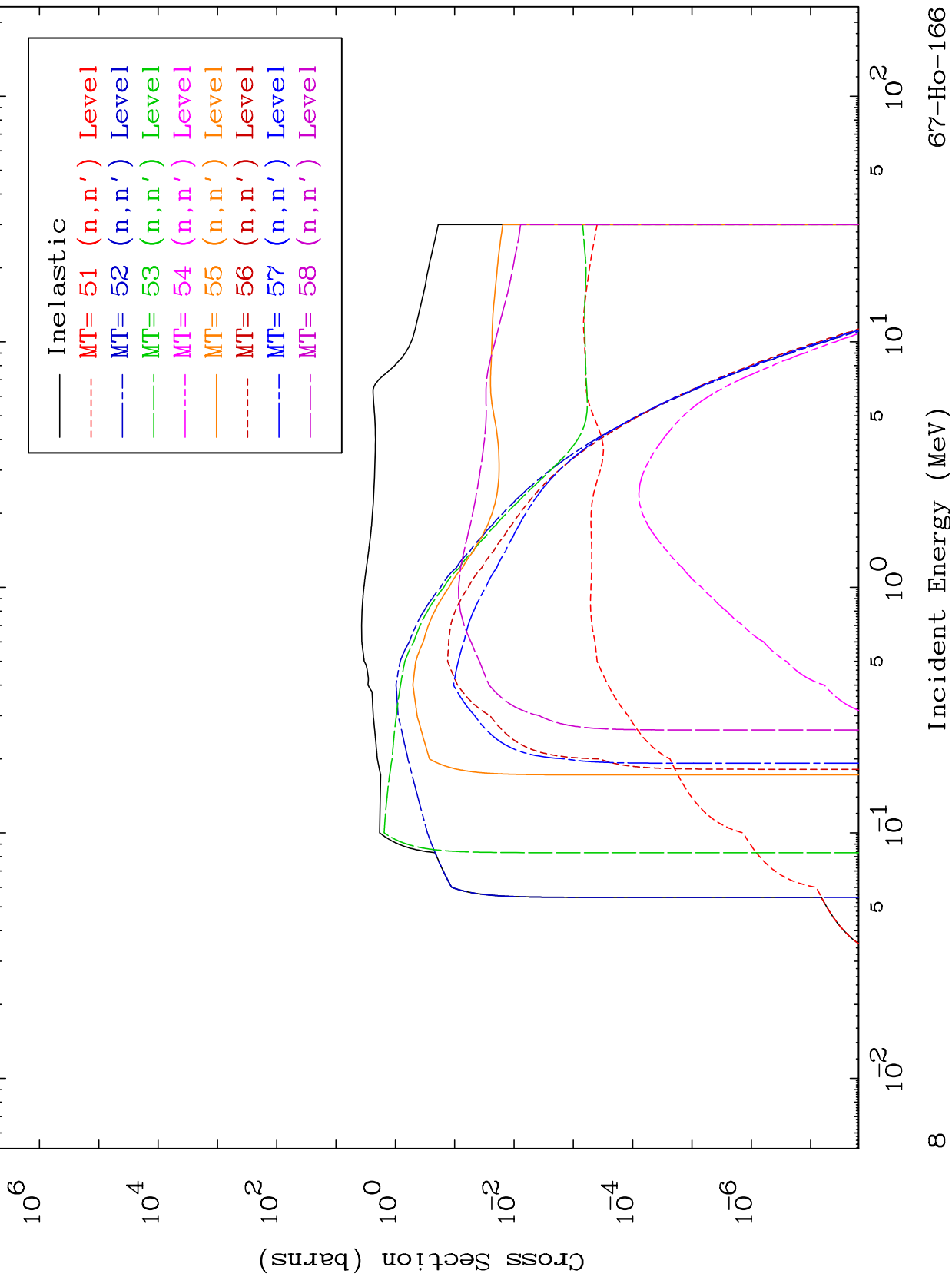


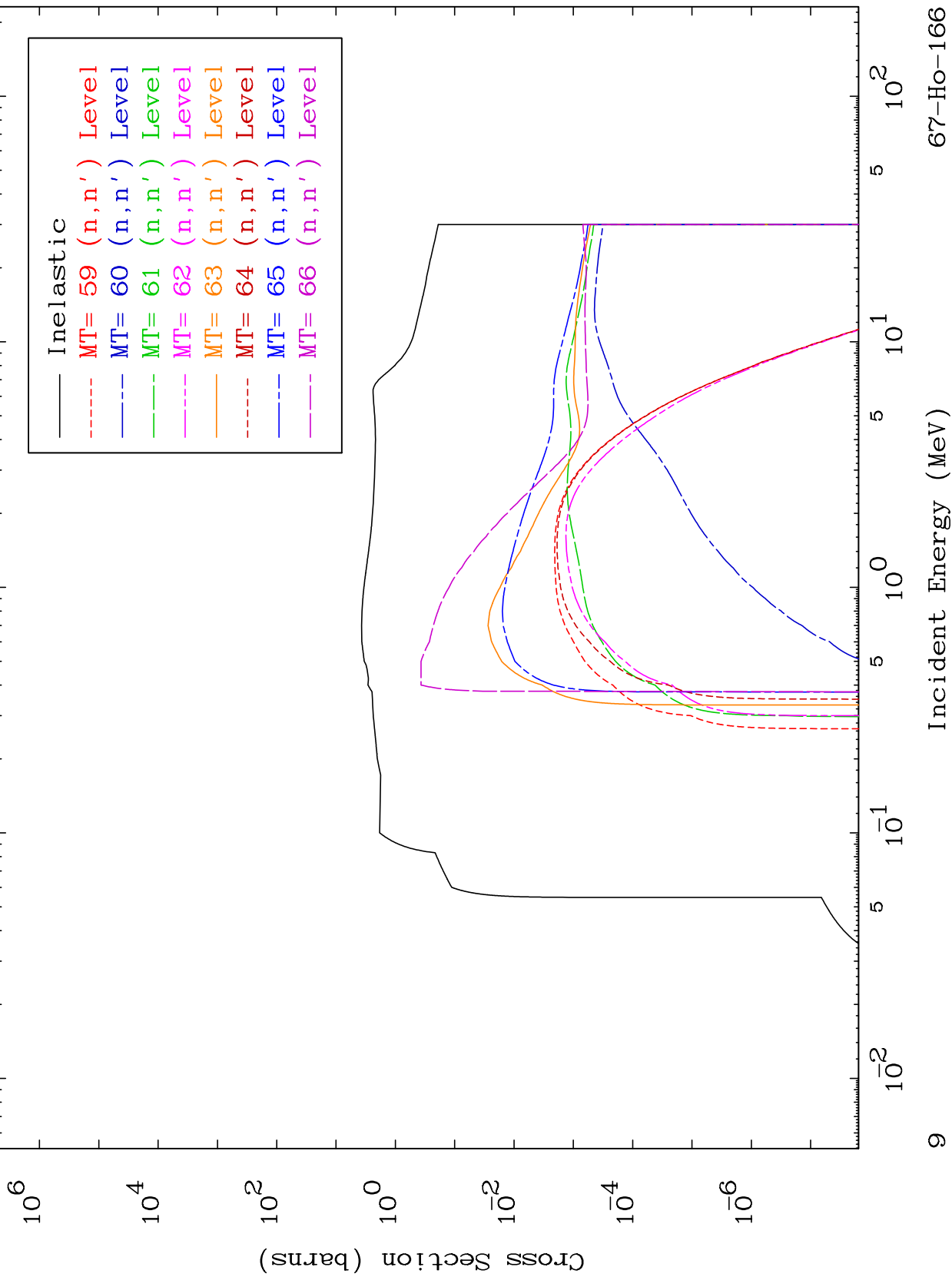
MAT 6728

Particle Production
293 Kelvin Cross Sections

67-Ho-166





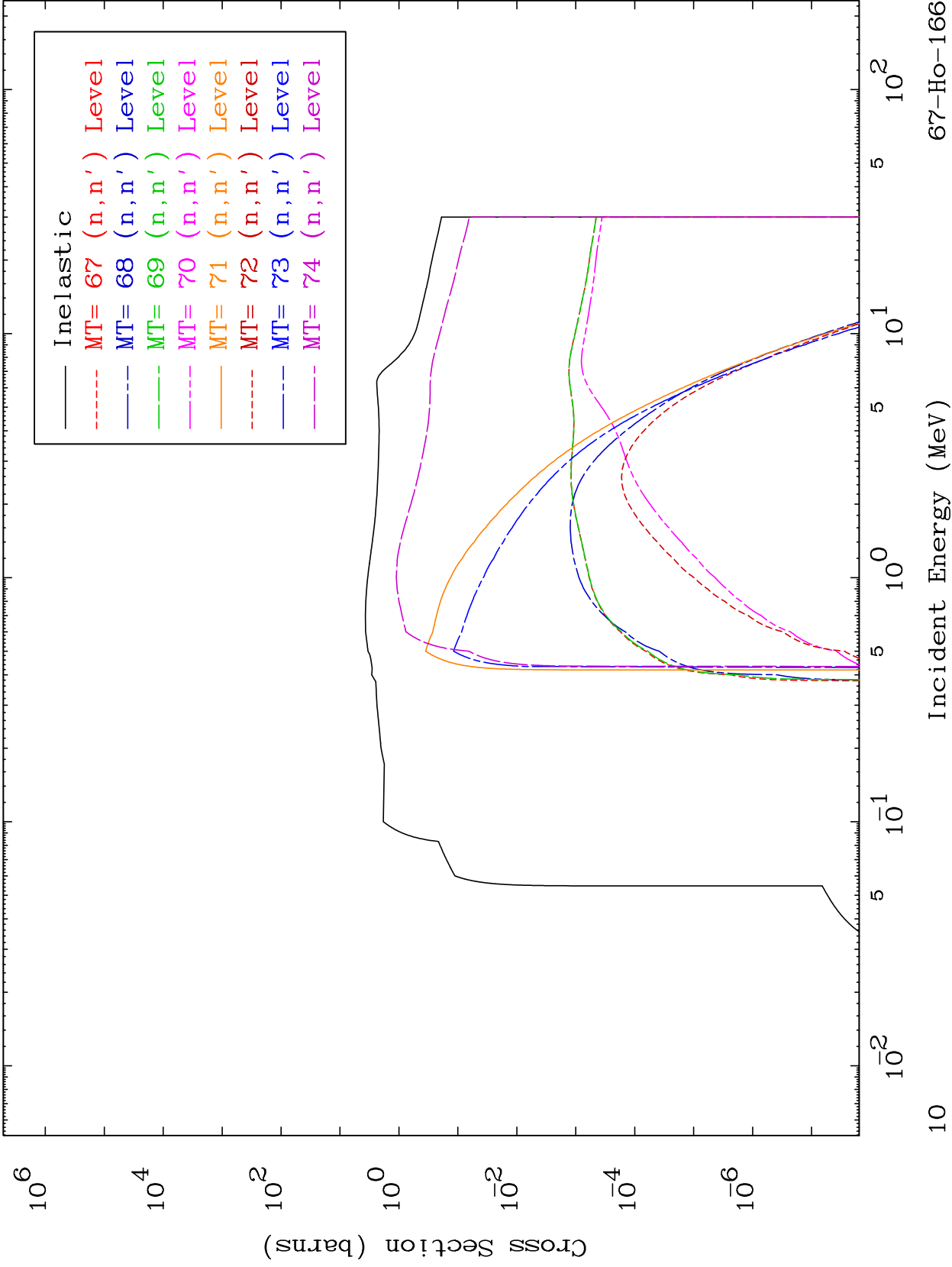


MAT 6728

(n,n') Levels

67-Ho-166

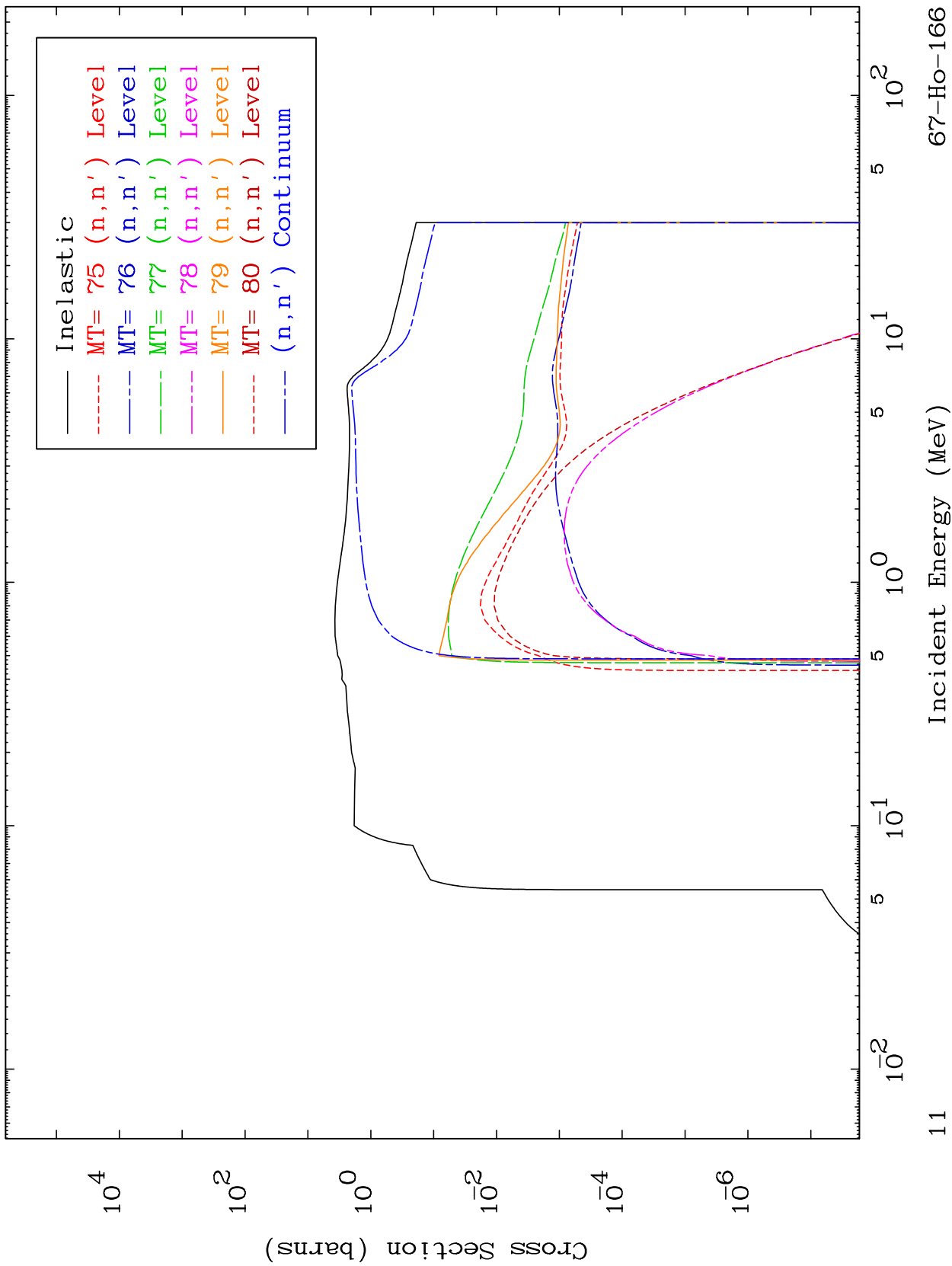
293 Kelvin Cross Sections



10

Incident Energy (MeV)

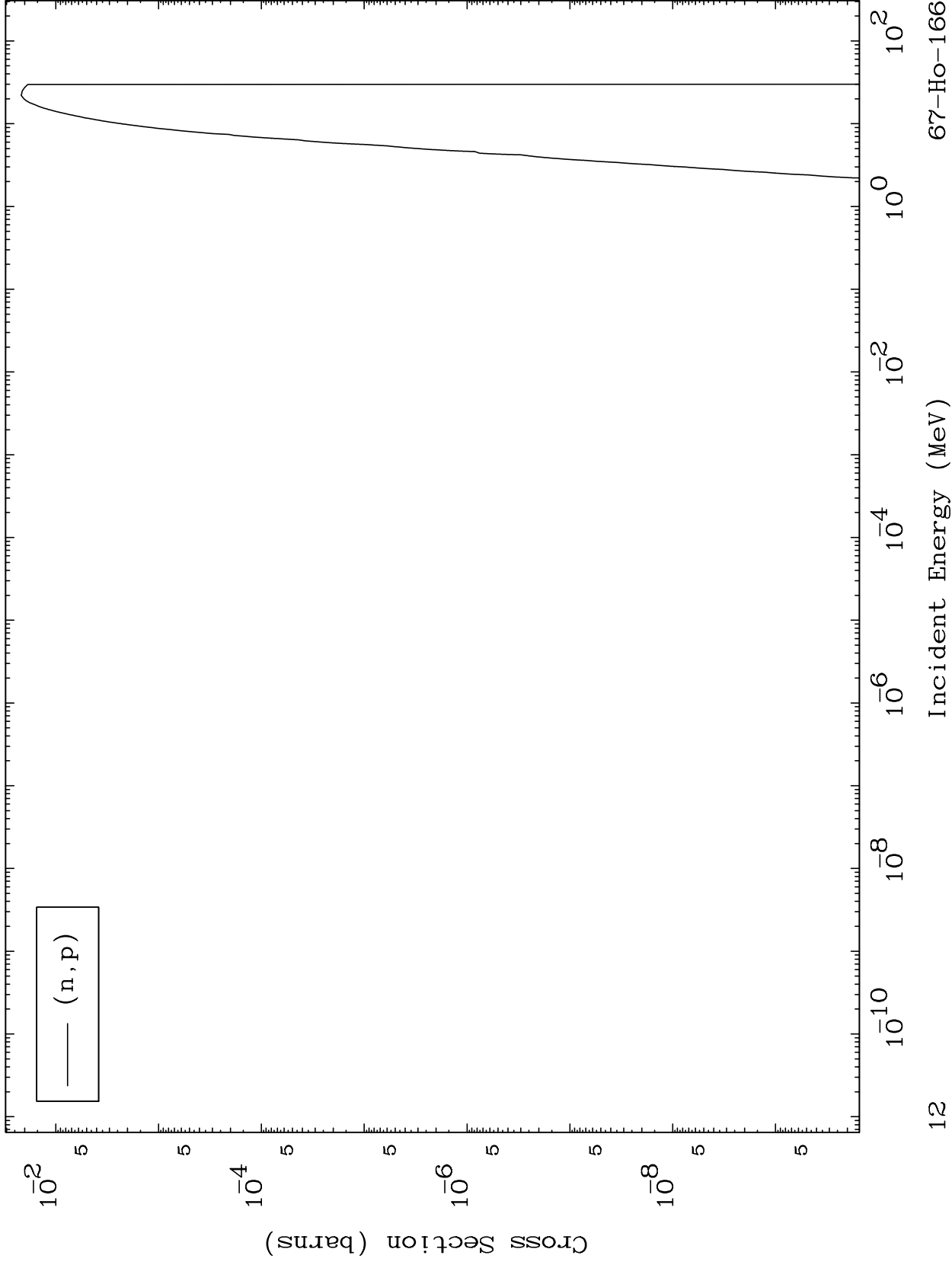
67-Ho-166



MAT 6728

(n,p) Levels
293 Kelvin Cross Sections

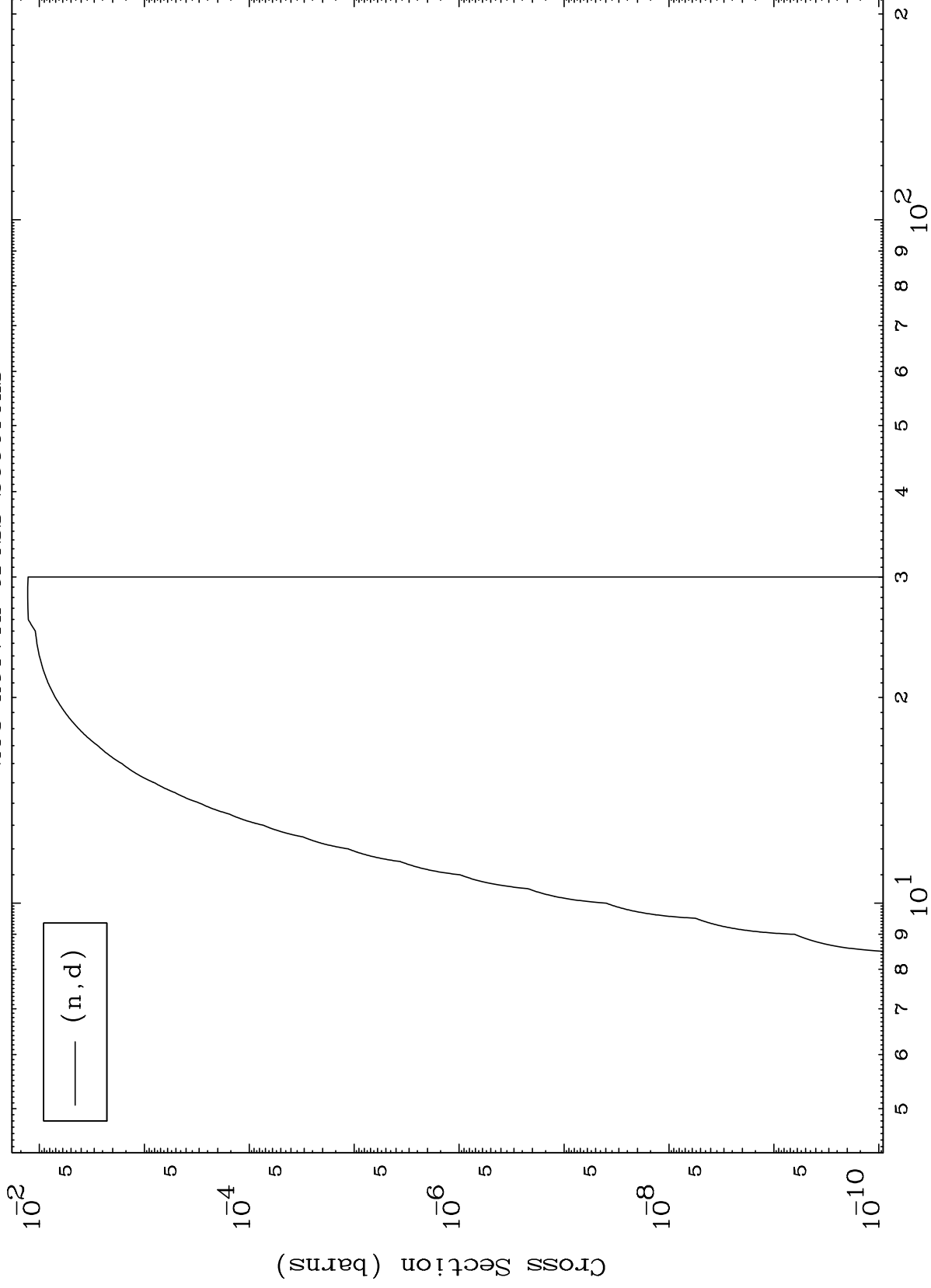
67-Ho-166



MAT 6728

(n,d) Levels
293 Kelvin Cross Sections

67-Ho-166



13

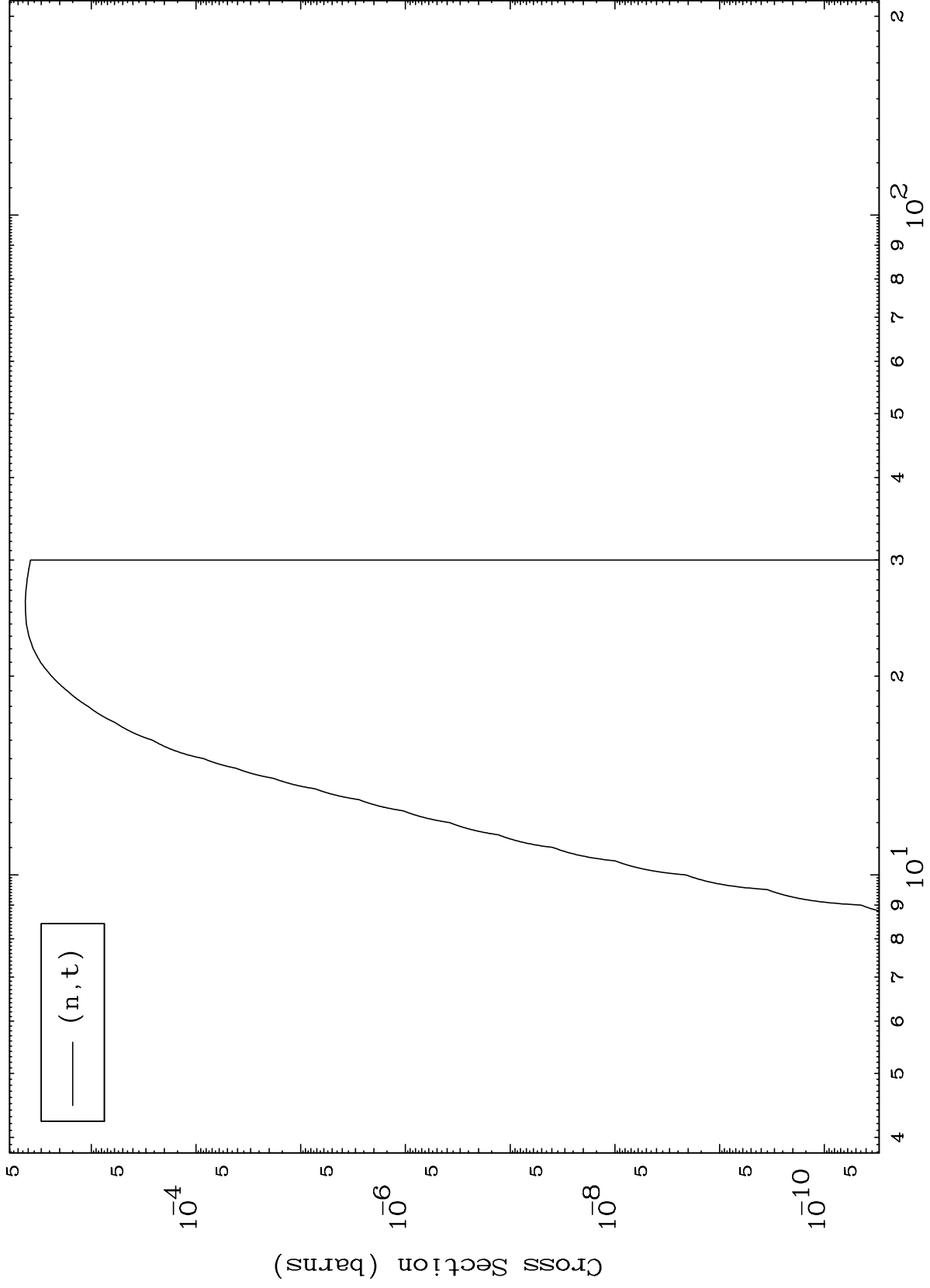
Incident Energy (MeV)

67-Ho-166

MAT 6728

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-166



14

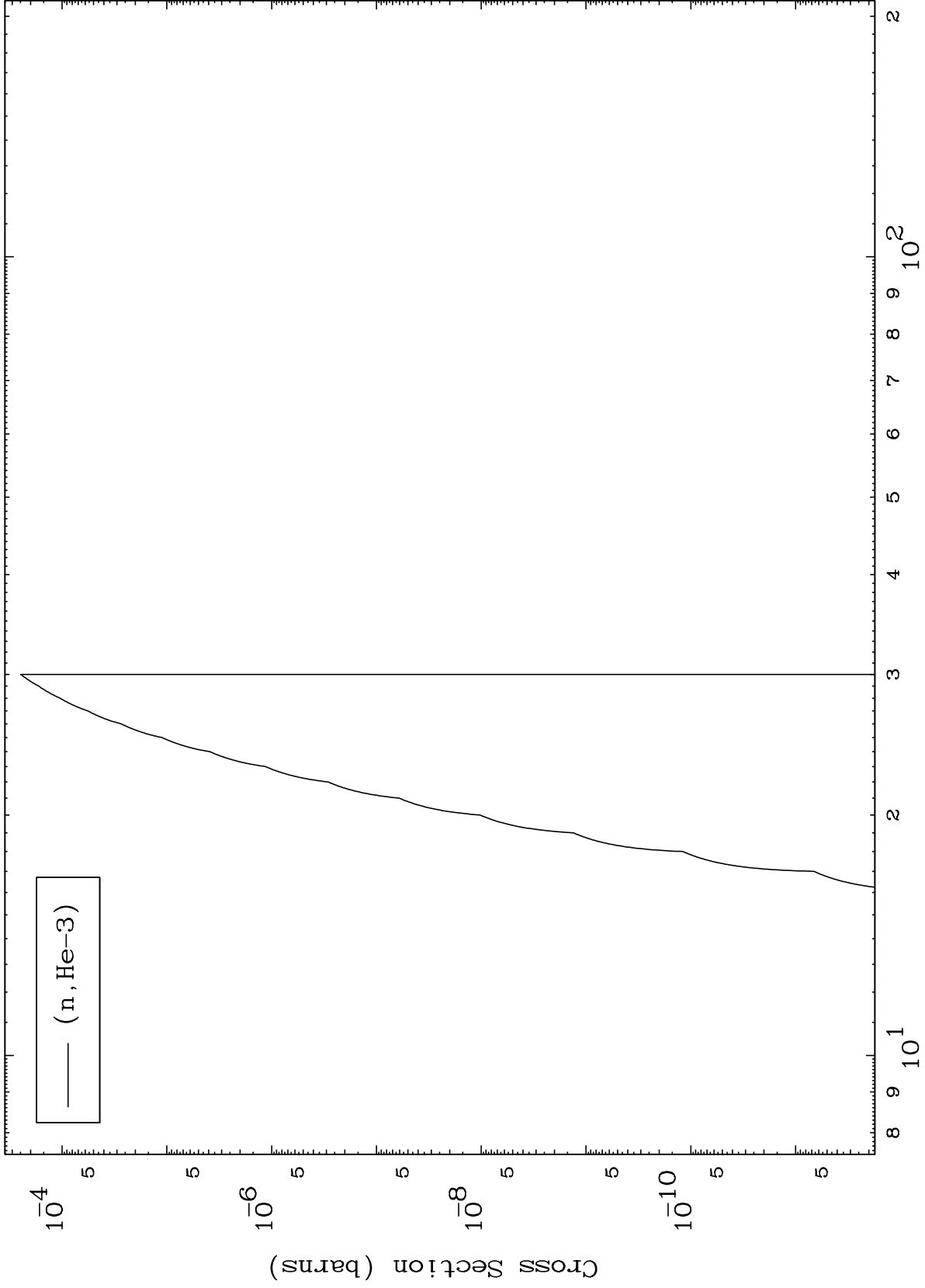
Incident Energy (MeV)

67-Ho-166

MAT 6728

(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-166



15

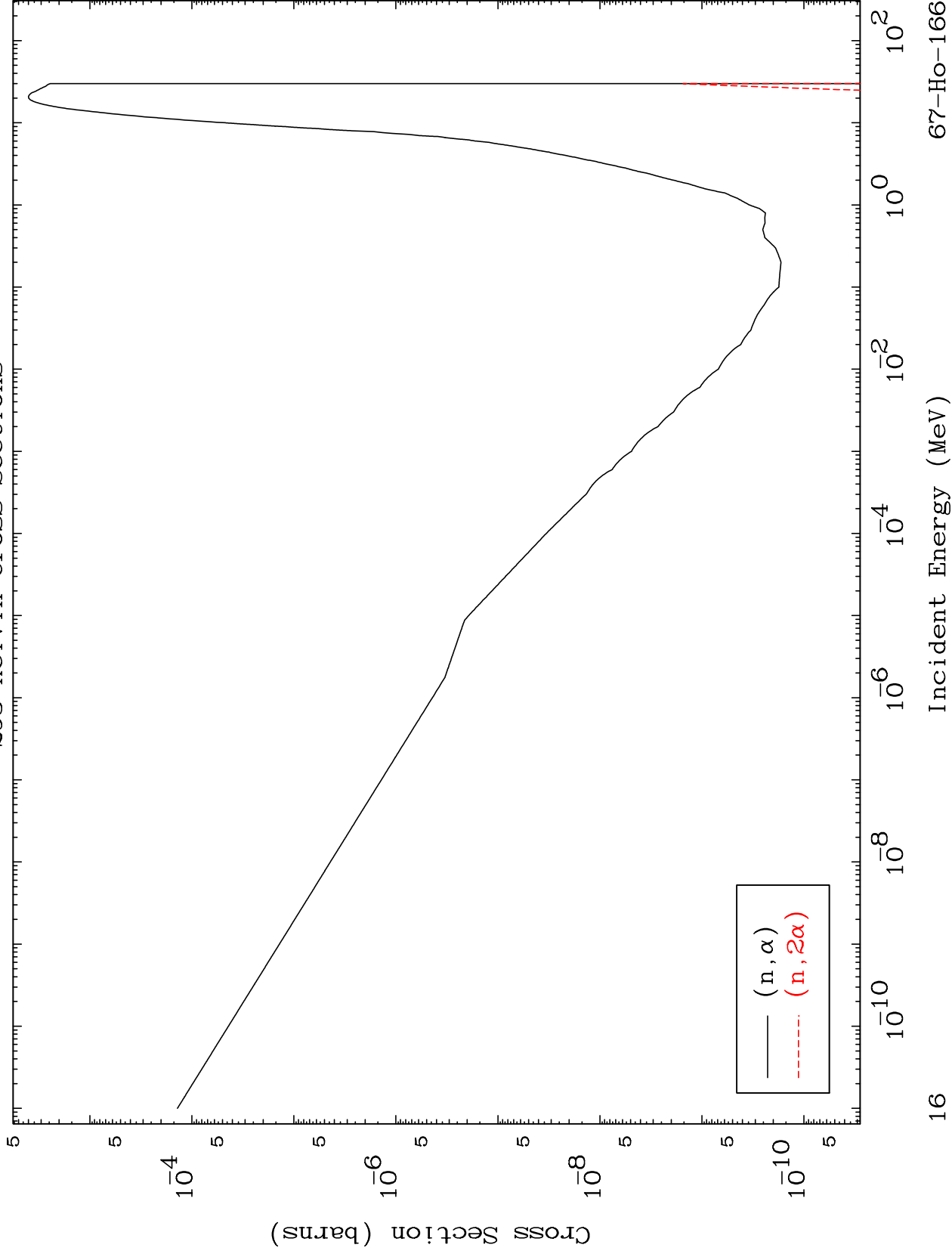
Incident Energy (MeV)

67-Ho-166

MAT 6728

(n, α) Levels
293 Kelvin Cross Sections

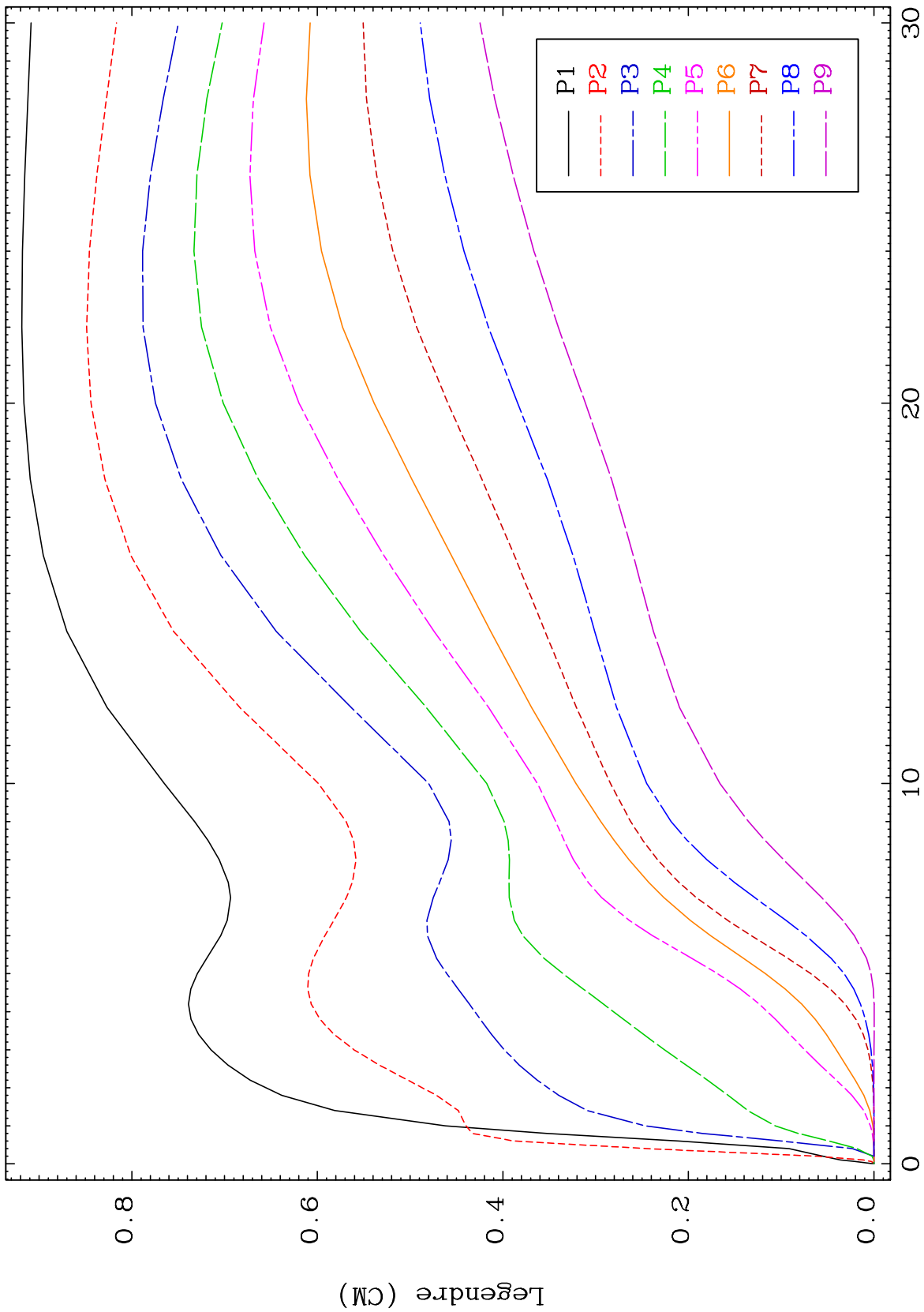
67-Ho-166



MAT 6728

67-Ho-166

Elastic Legendre Coefficients



17

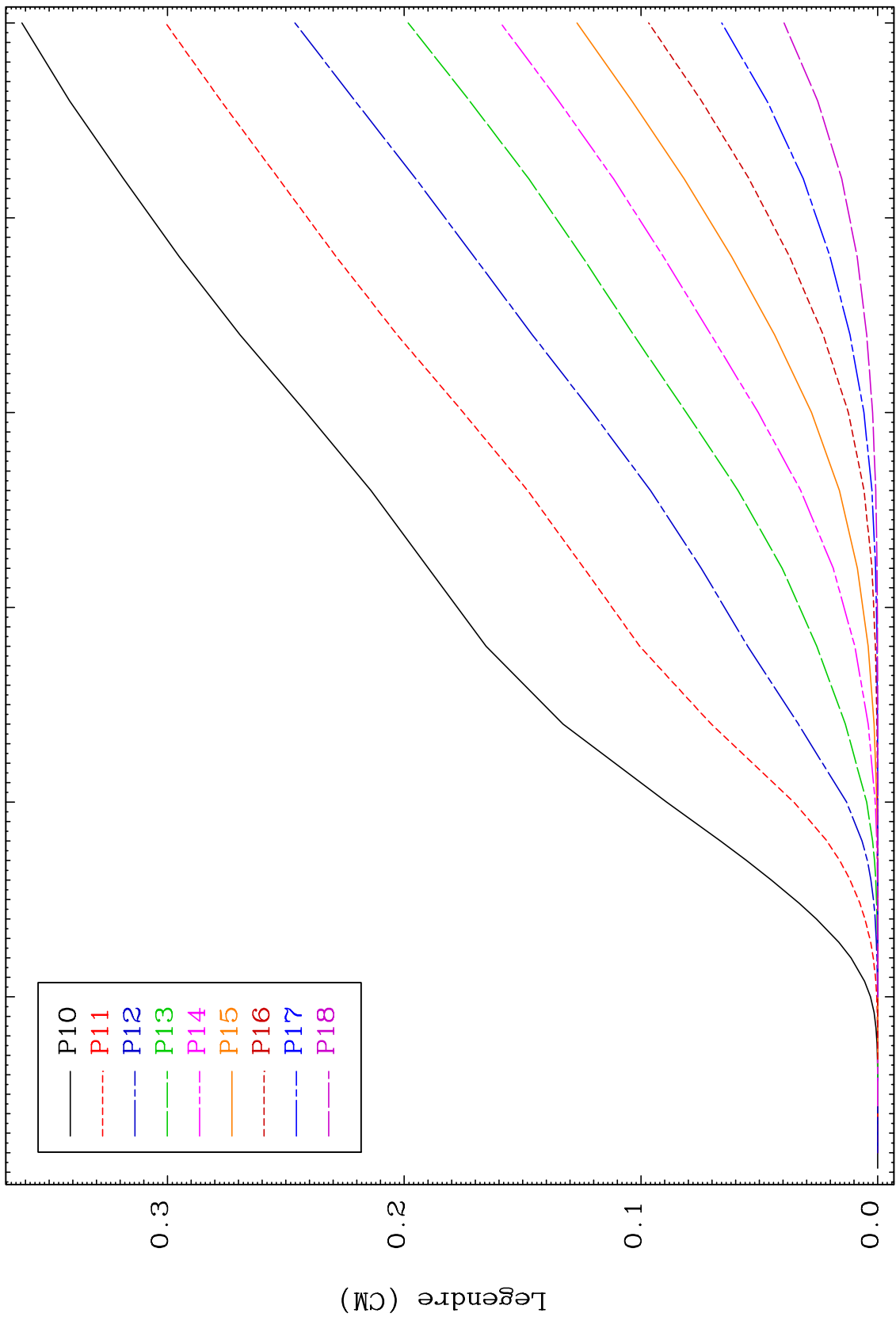
Incident Energy (MeV)

67-Ho-166

MAT 6728

Elastic Legendre Coefficients

67-Ho-166



18

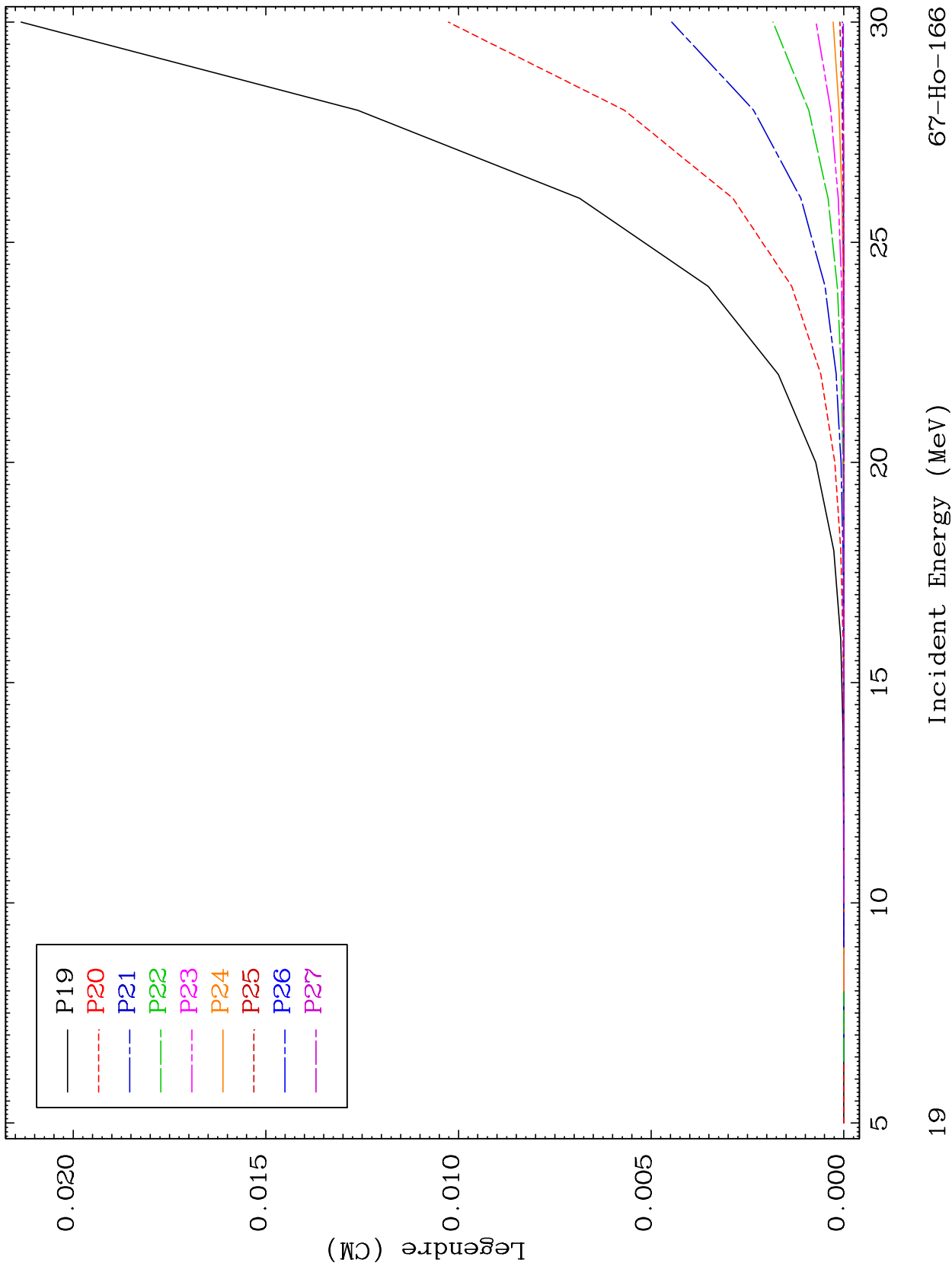
Incident Energy (MeV)

67-Ho-166

MAT 6728

Elastic Legendre Coefficients

67-Ho-166



67-Ho-166

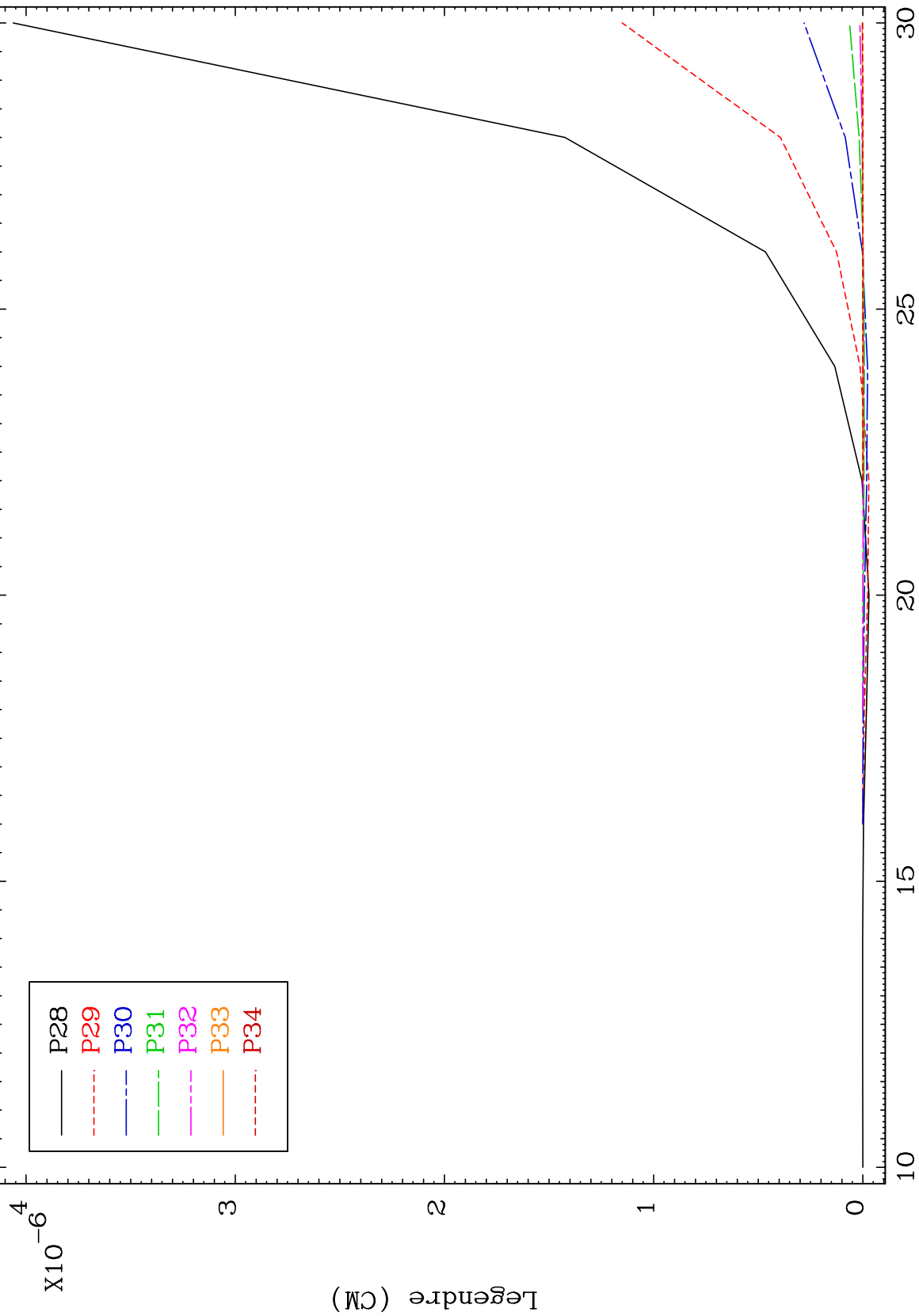
Incident Energy (MeV)

19

MAT 6728

Elastic
Legendre Coefficients

67-Ho-166



20

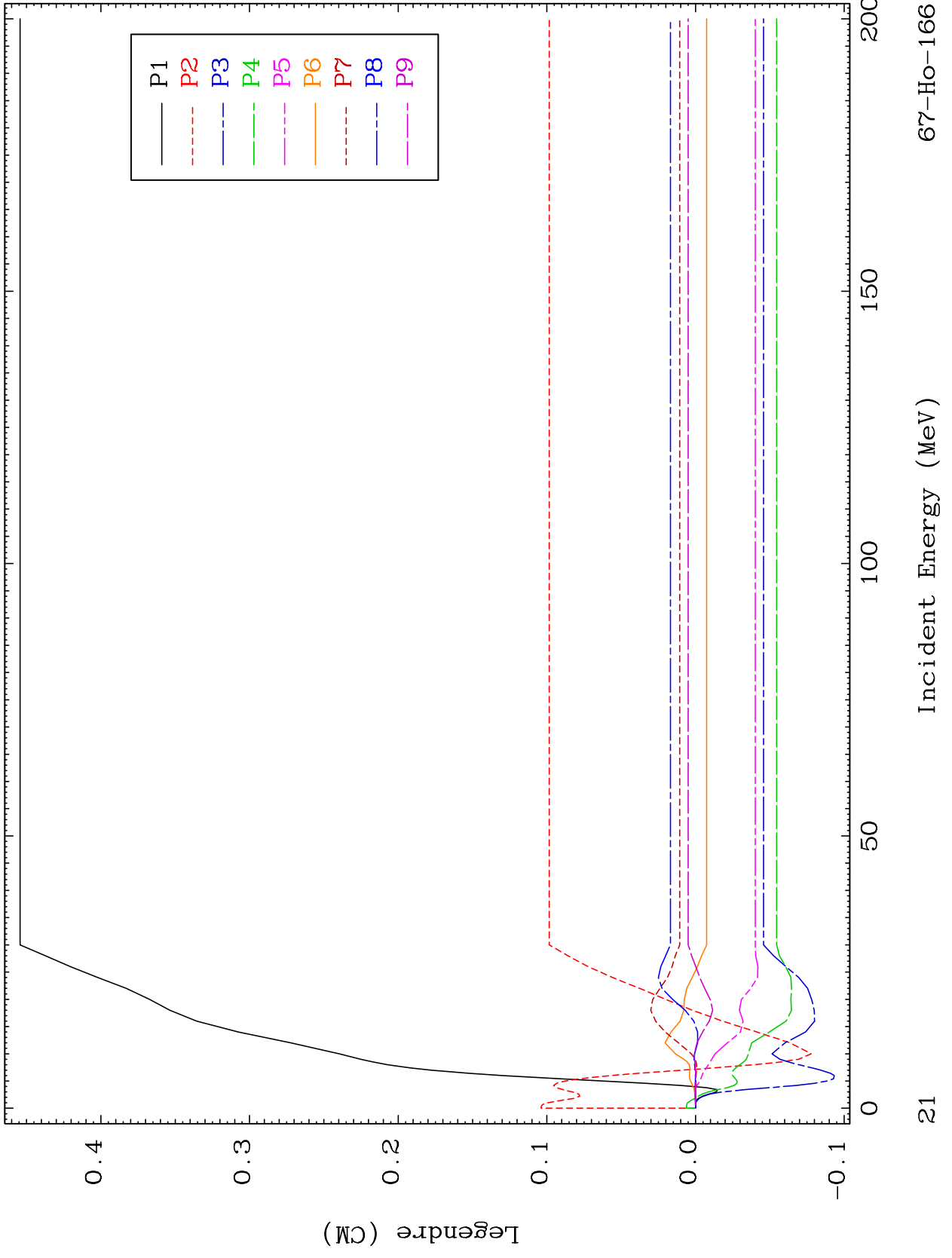
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

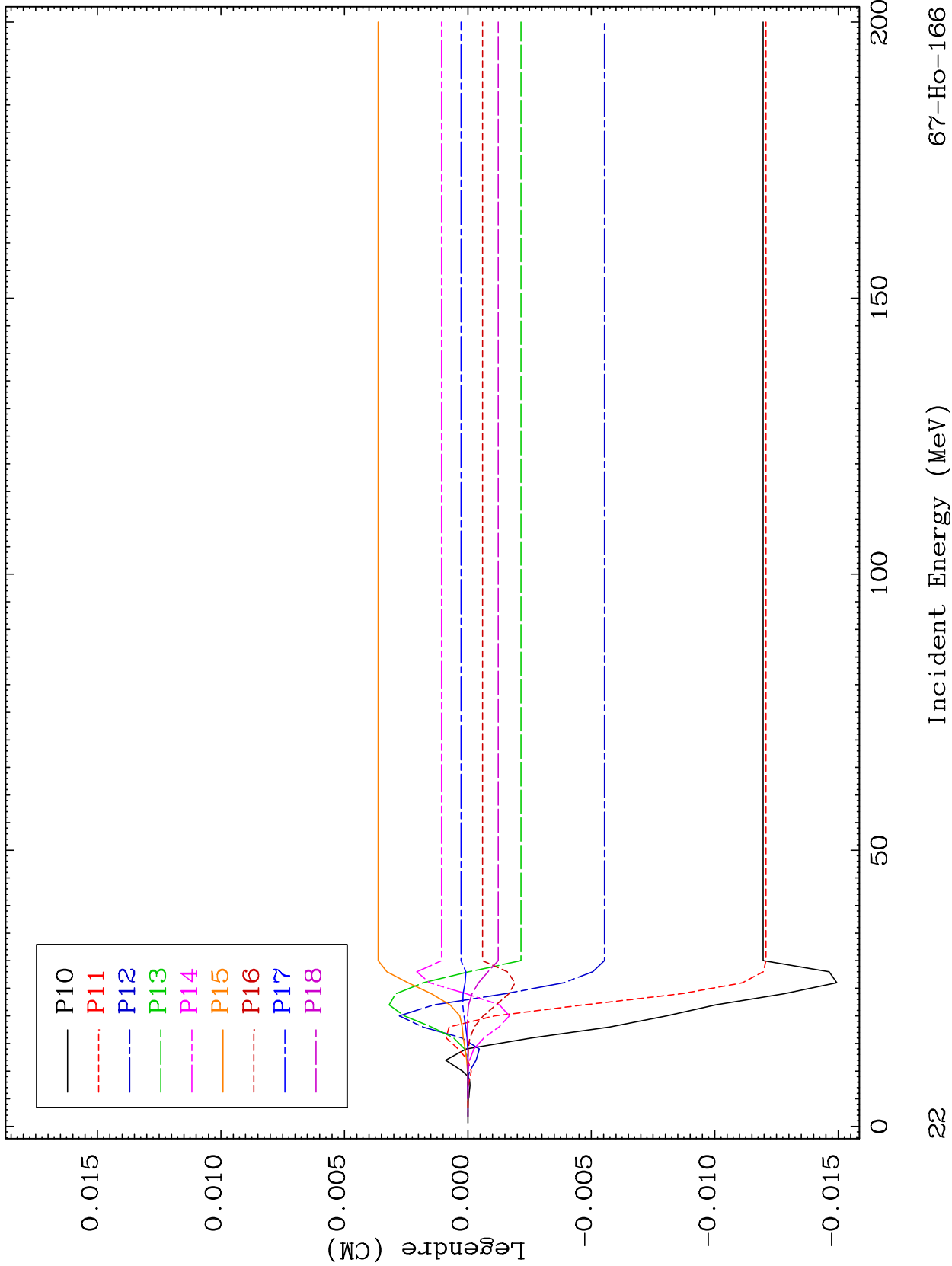
67-Ho-166

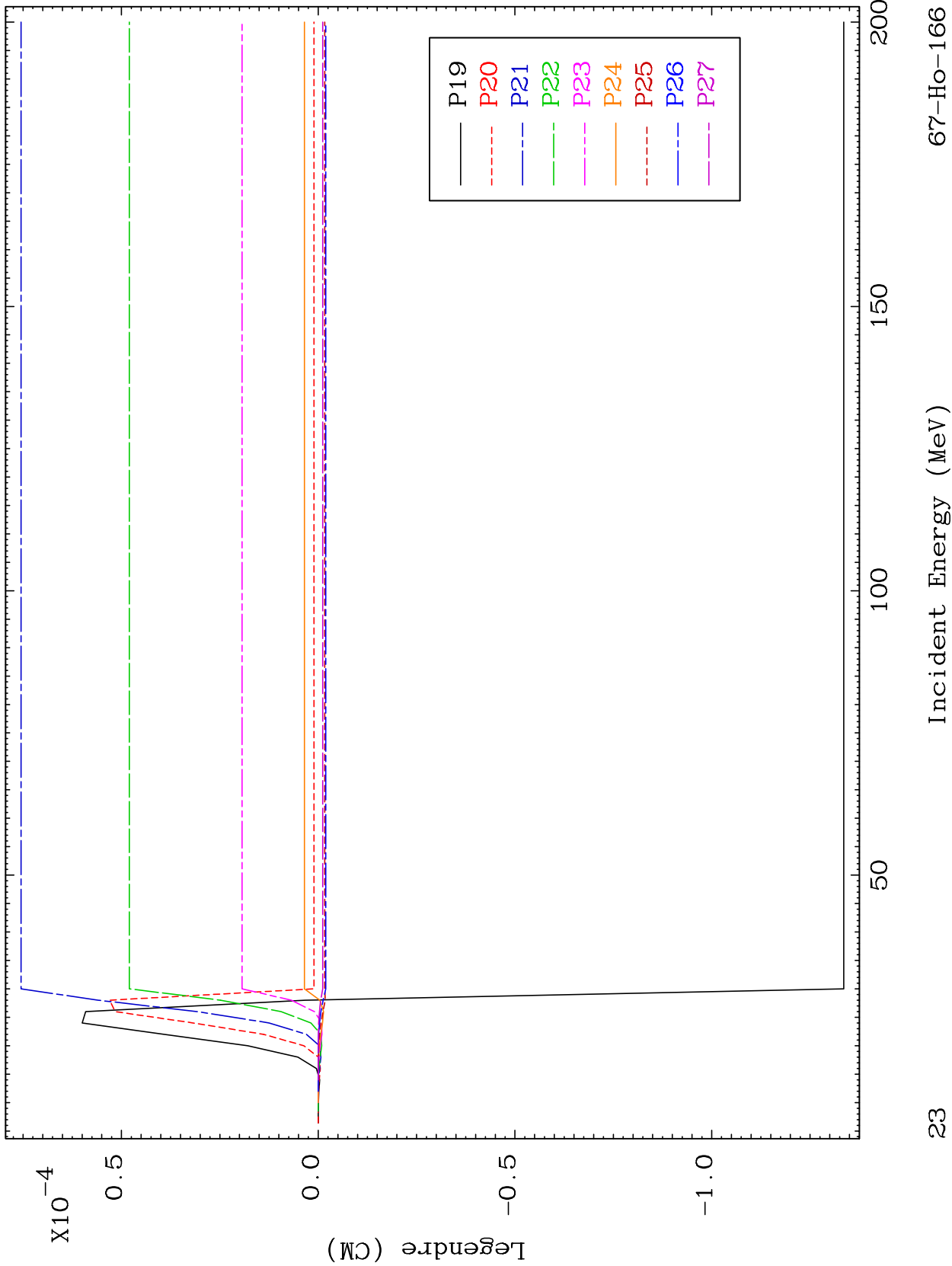


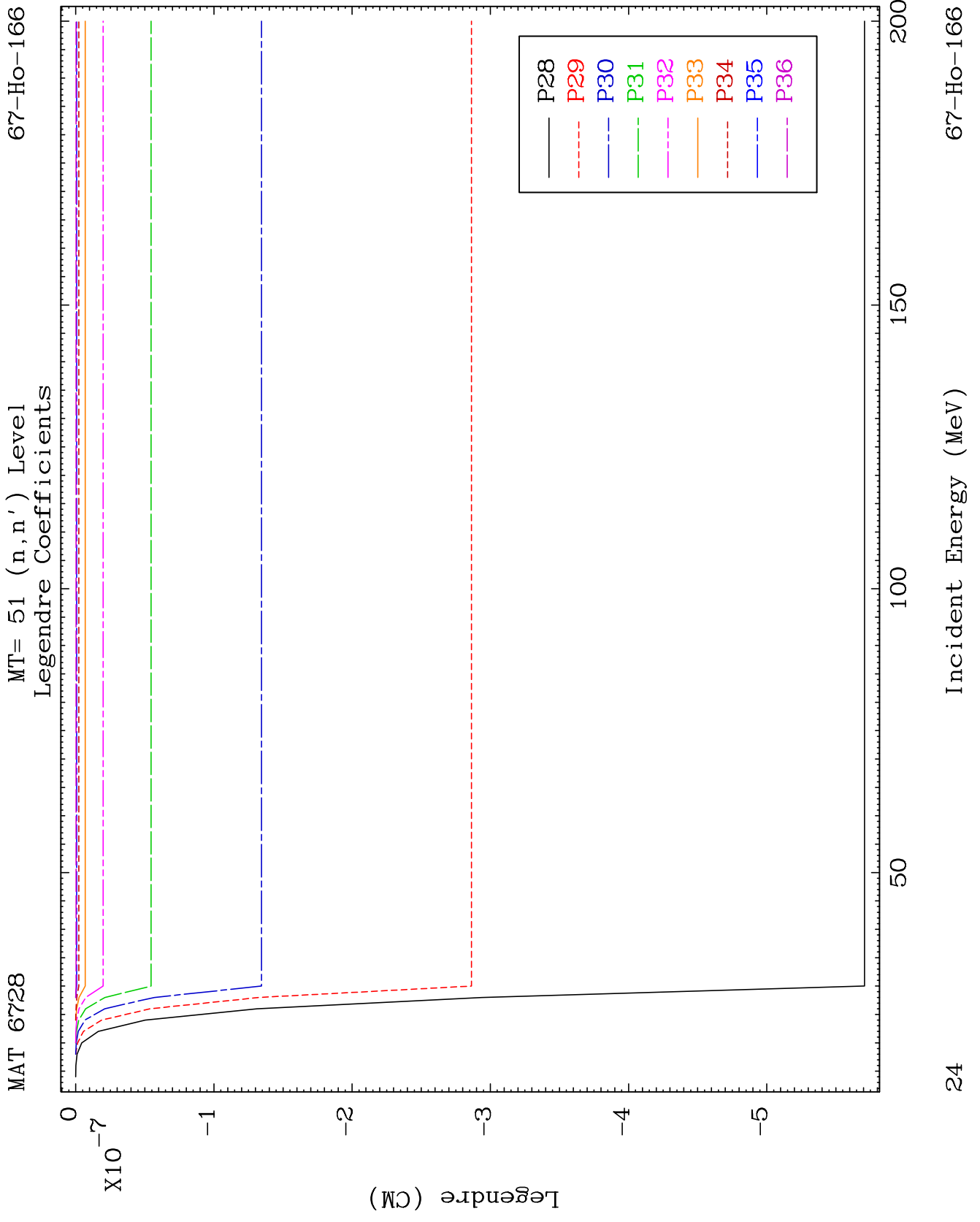
67-Ho-166

Incident Energy (MeV)

21



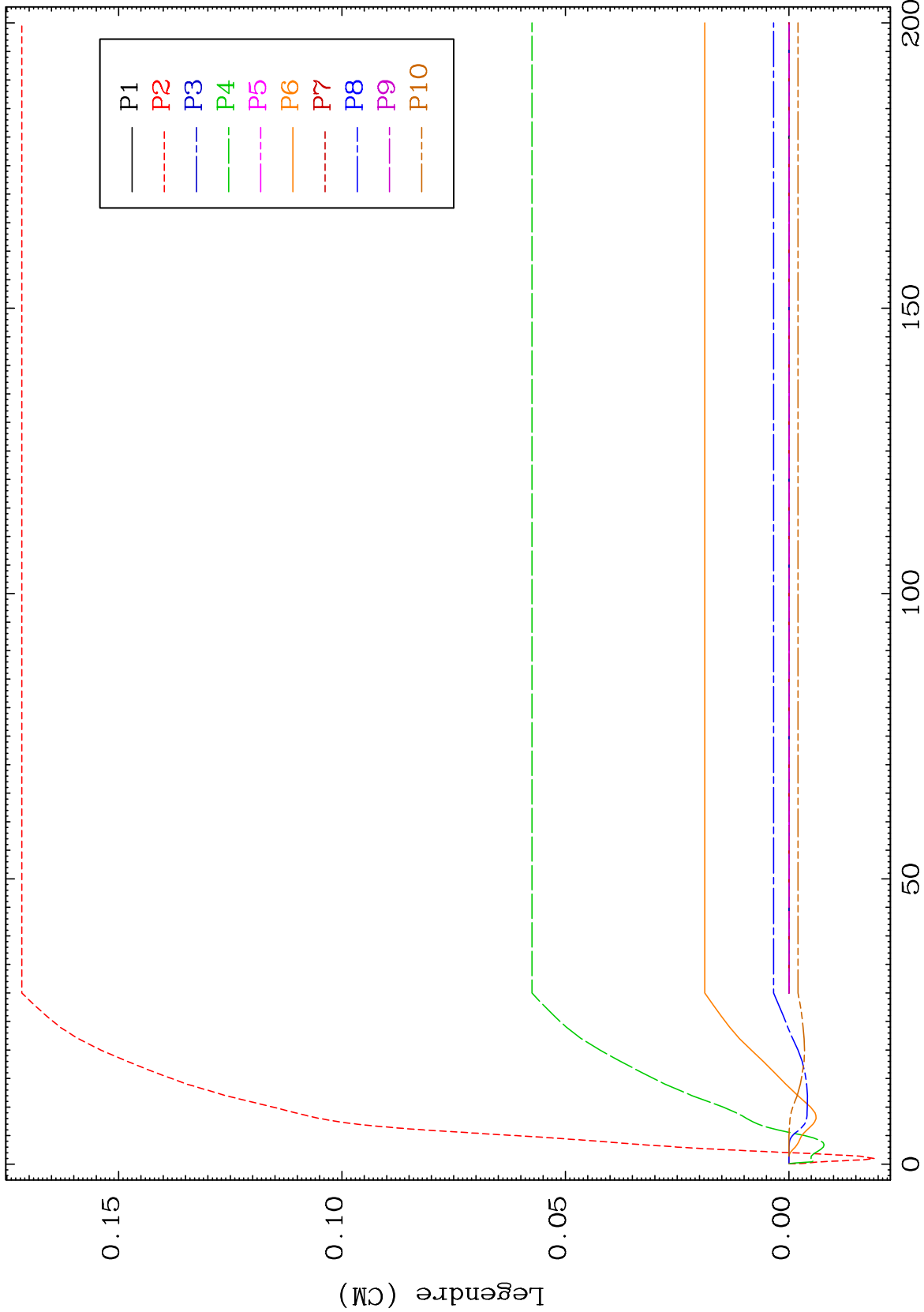




MAT 6728

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

67-Ho-166



67-Ho-166

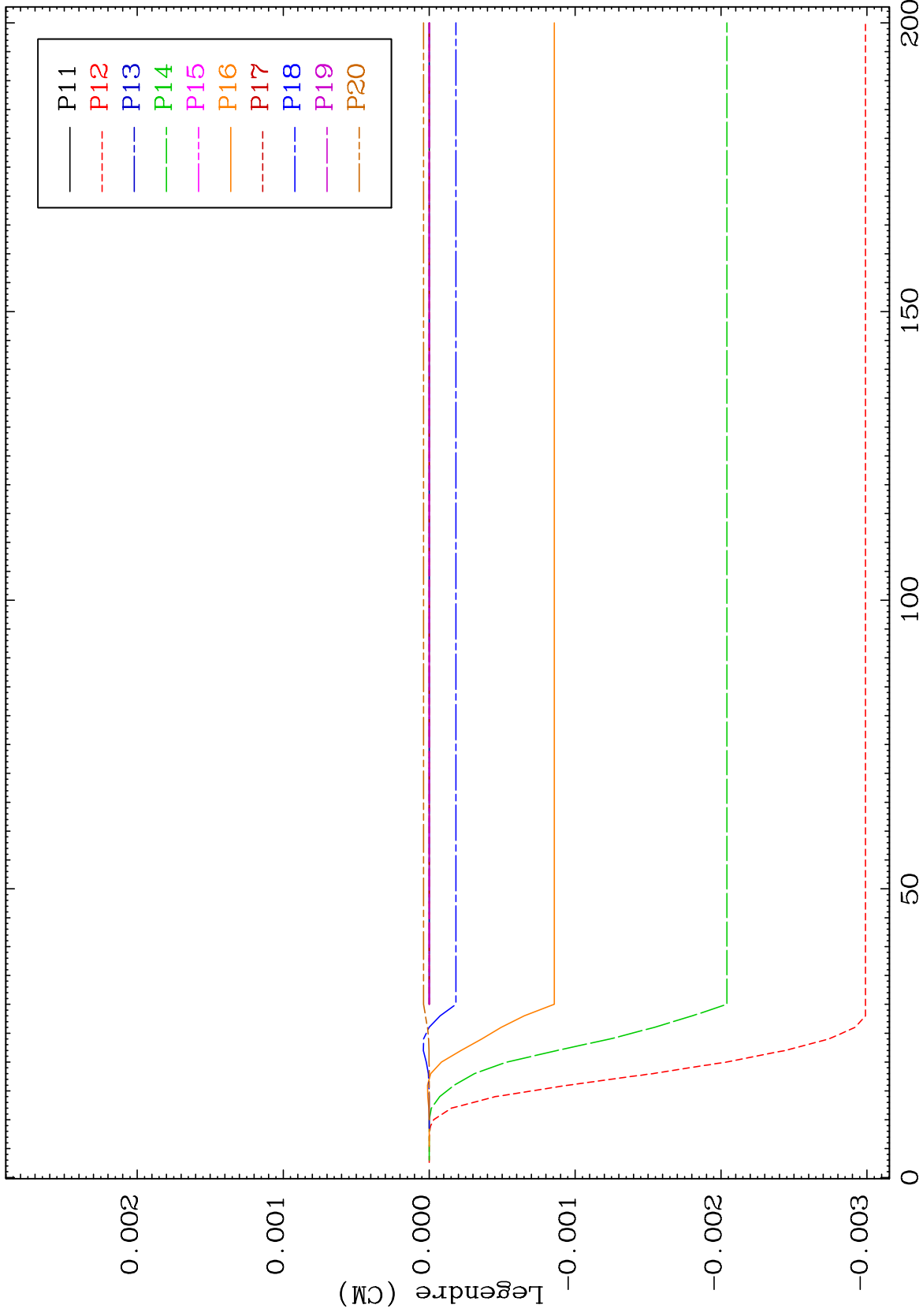
Incident Energy (MeV)

25

MAT 6728

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

67-Ho-166



26

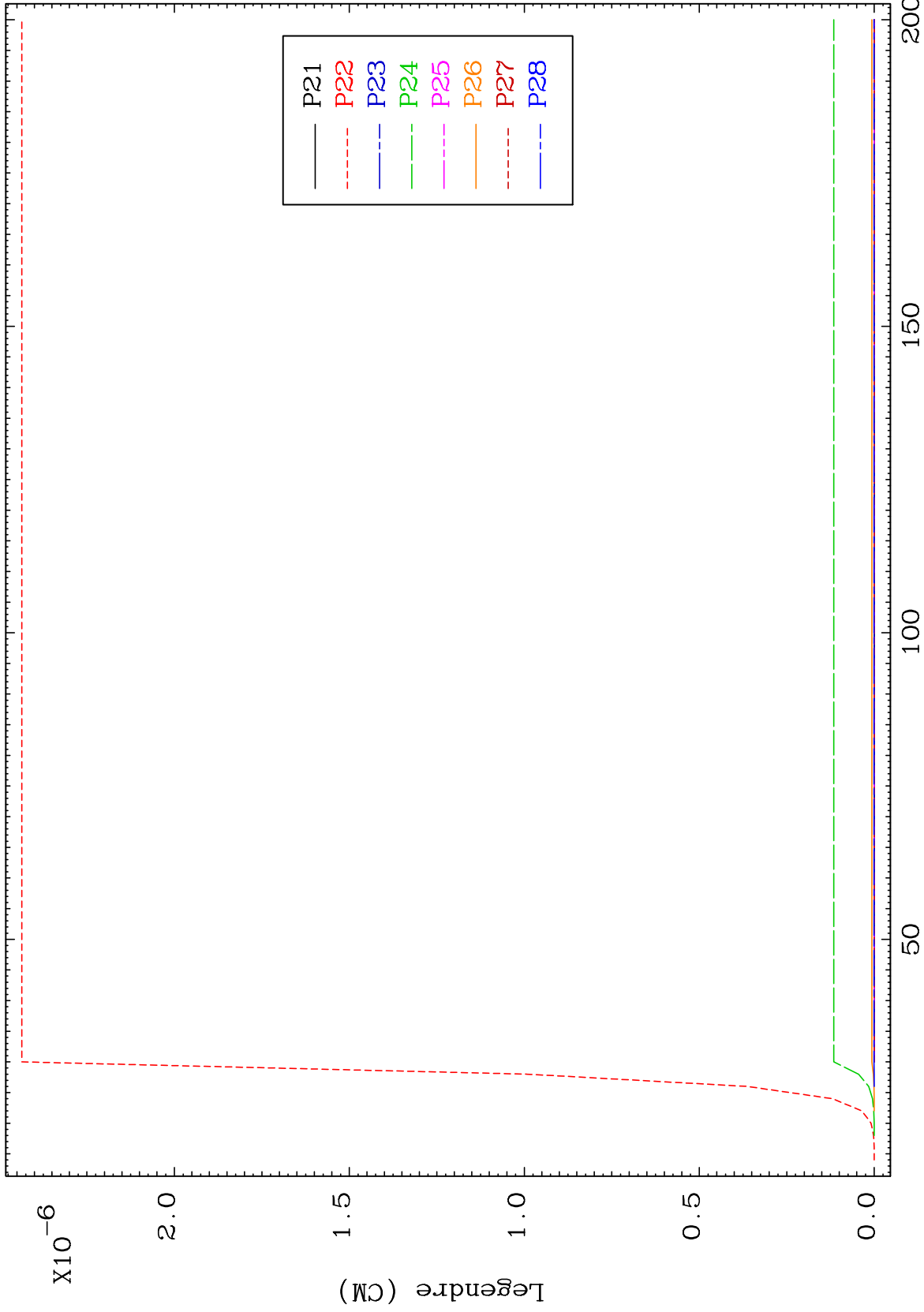
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



27

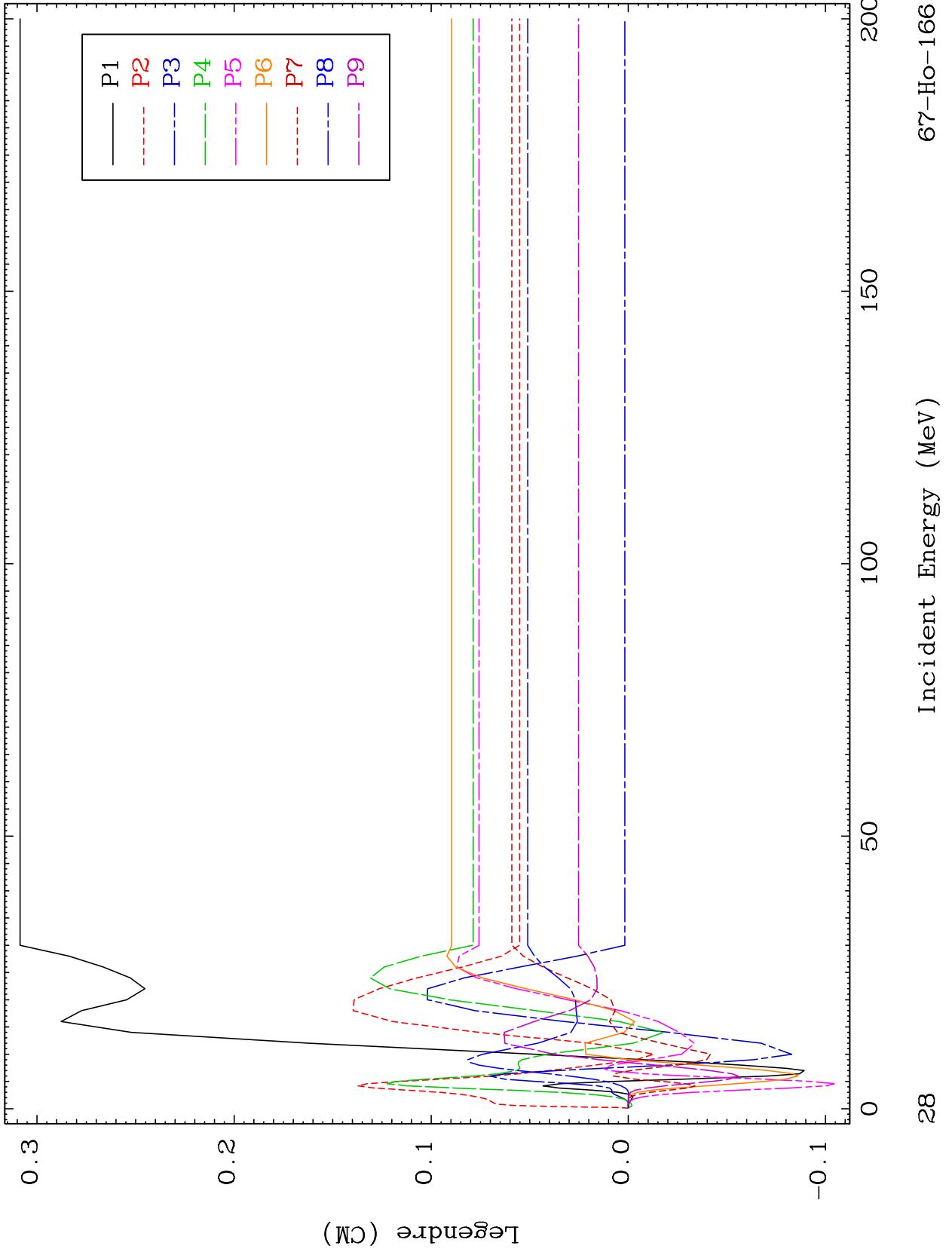
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



67-Ho-166

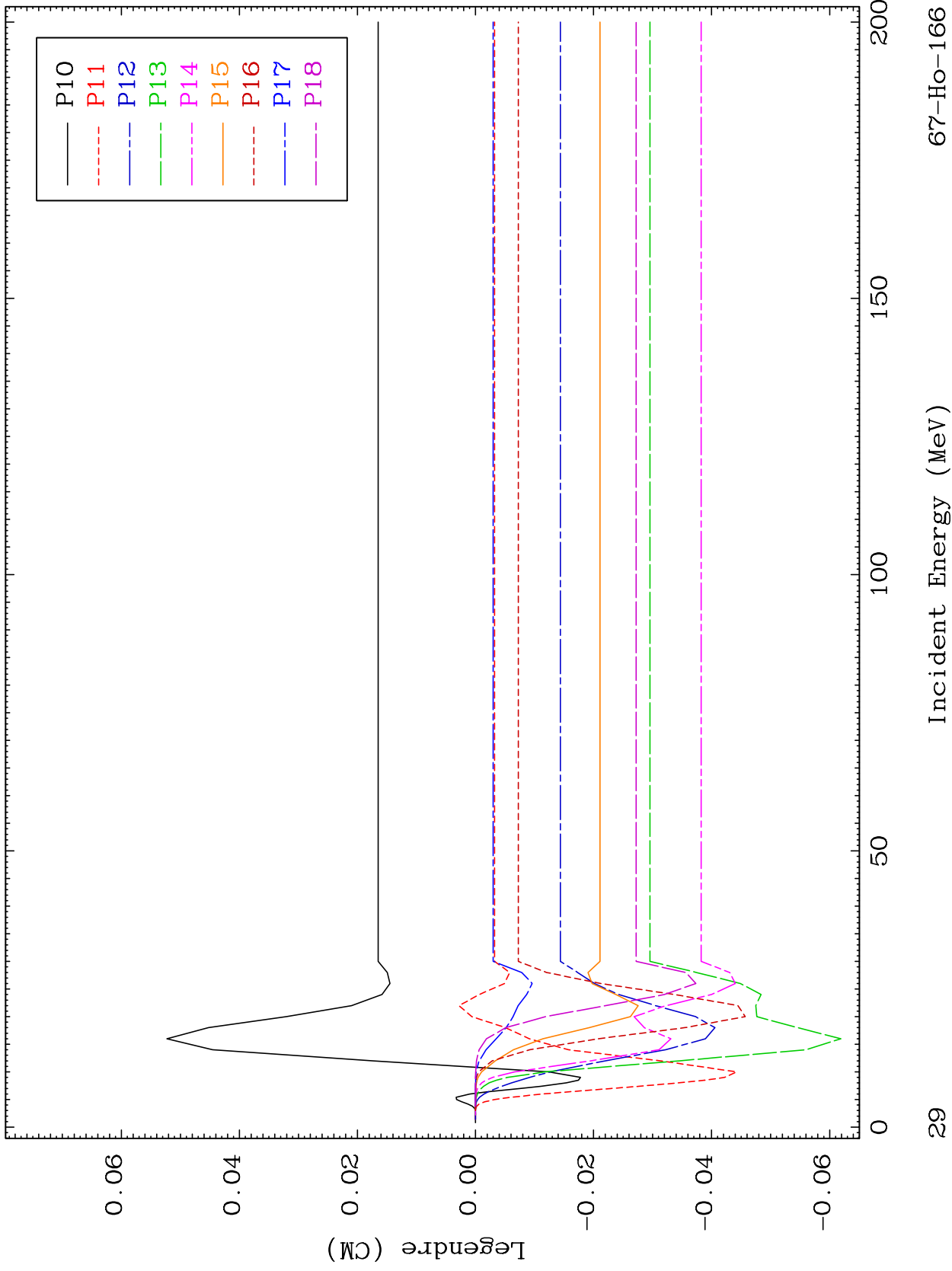
Incident Energy (MeV)

28

MAT 6728

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

67-Ho-166



29

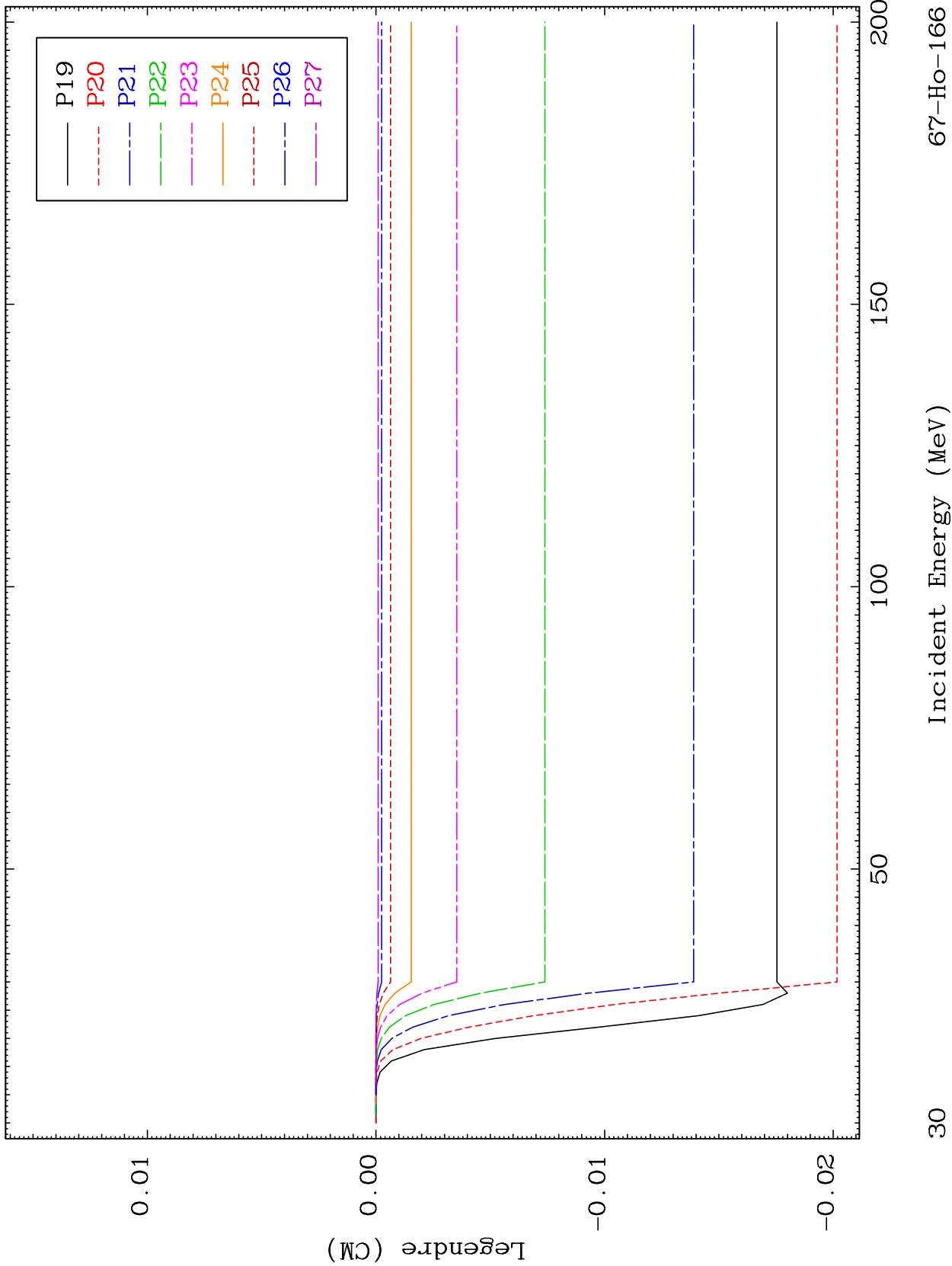
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



67-Ho-166

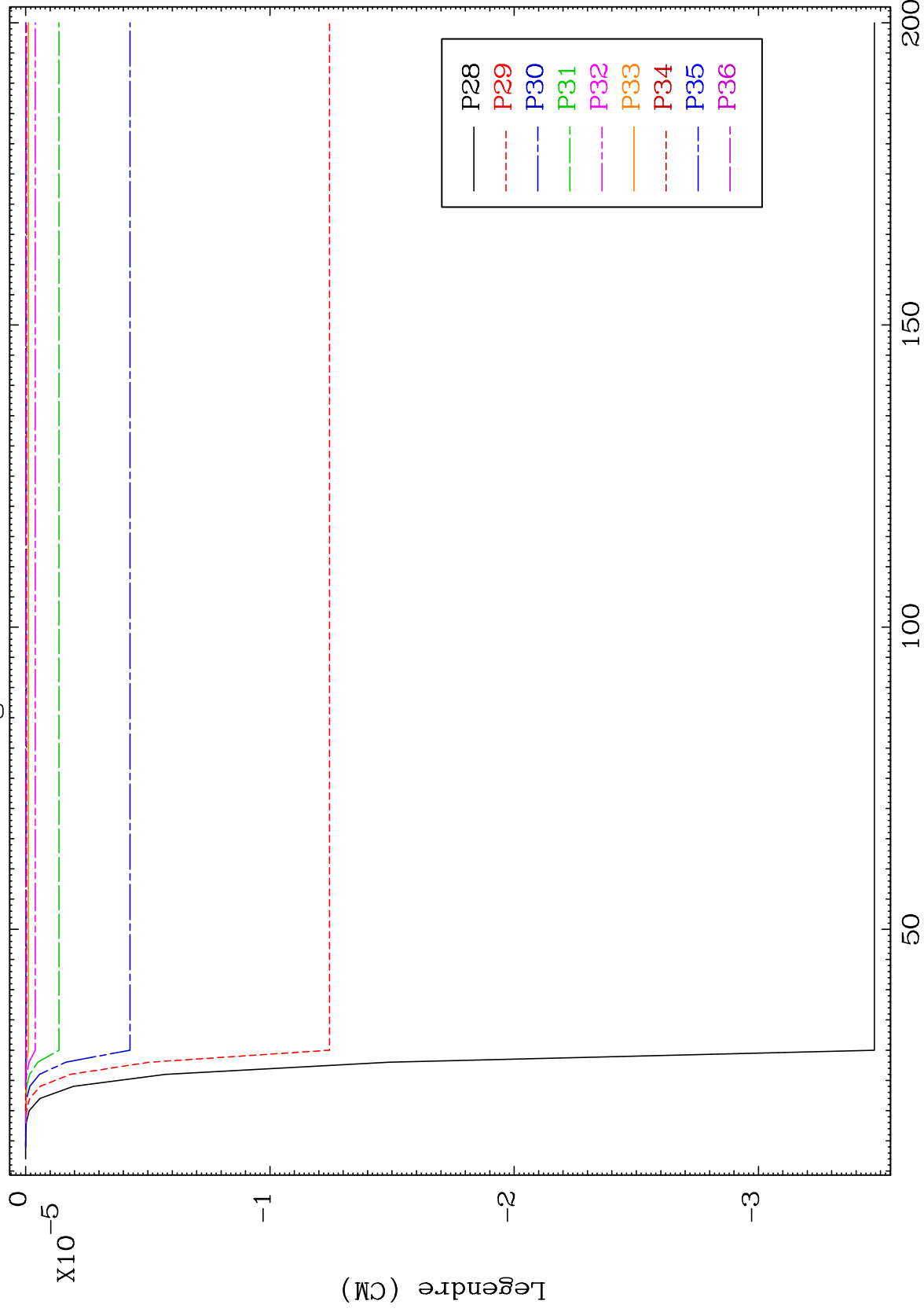
Incident Energy (MeV)

30

MAT 6728

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

67-Ho-166



31

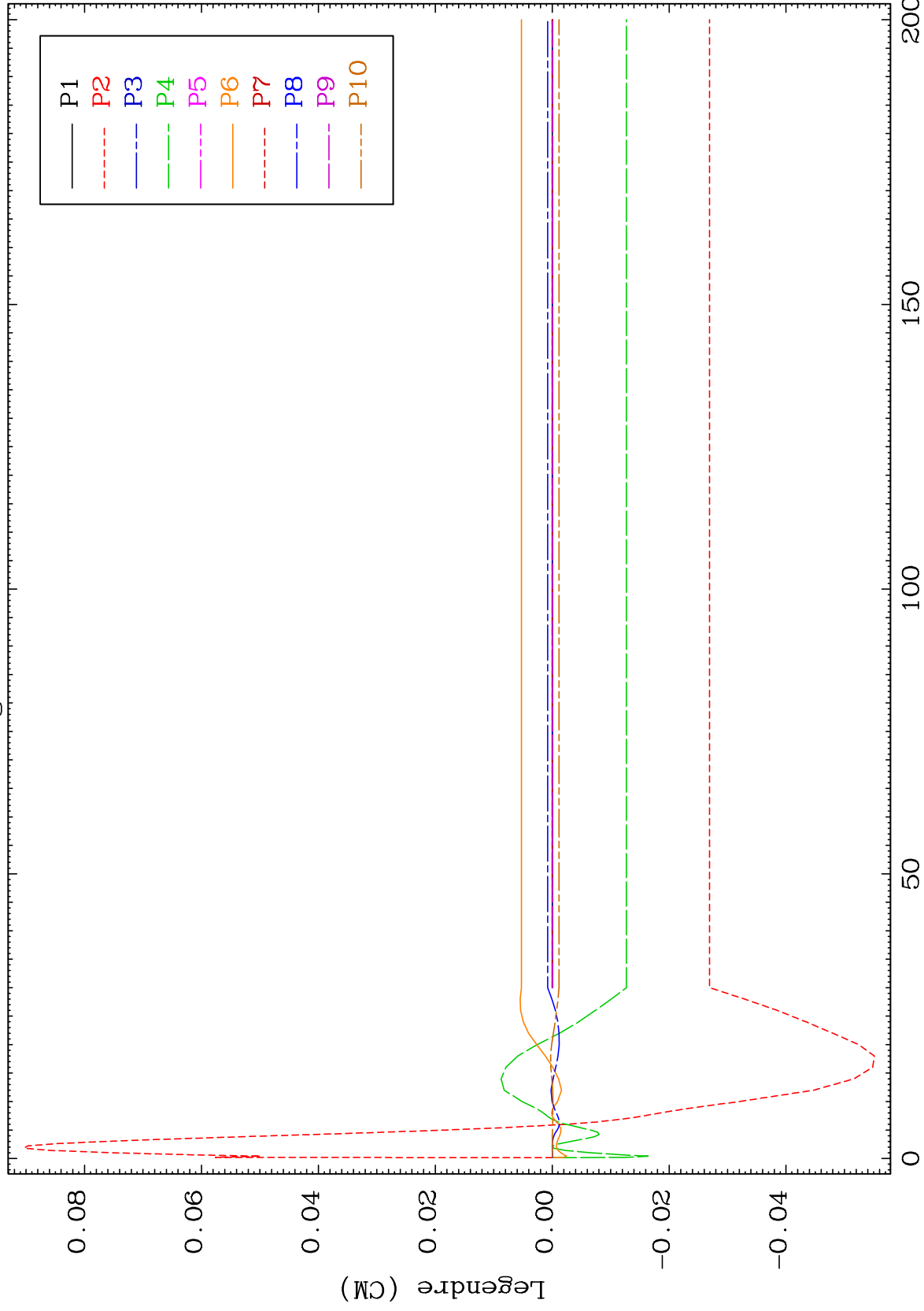
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



32

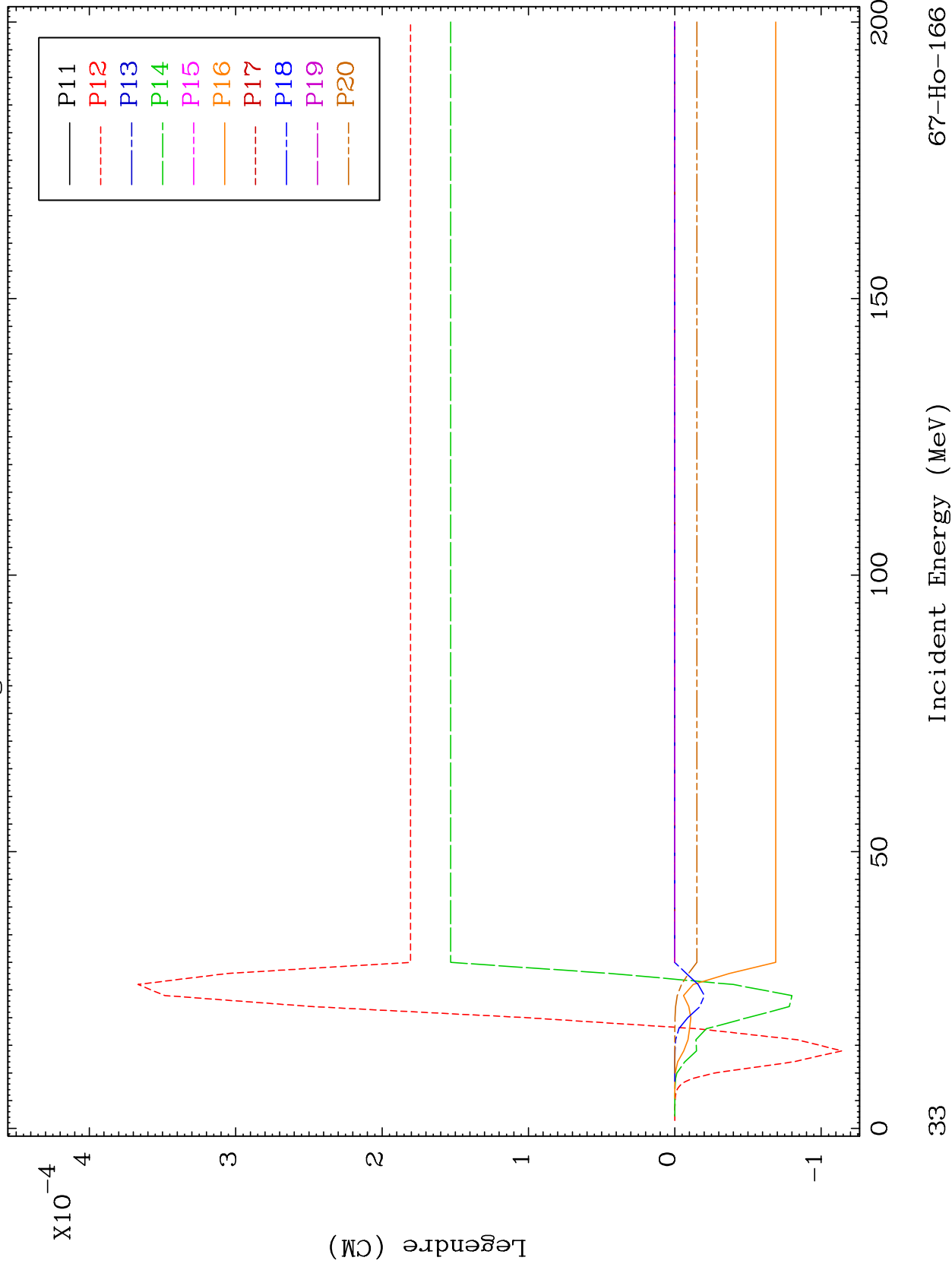
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



67-Ho-166

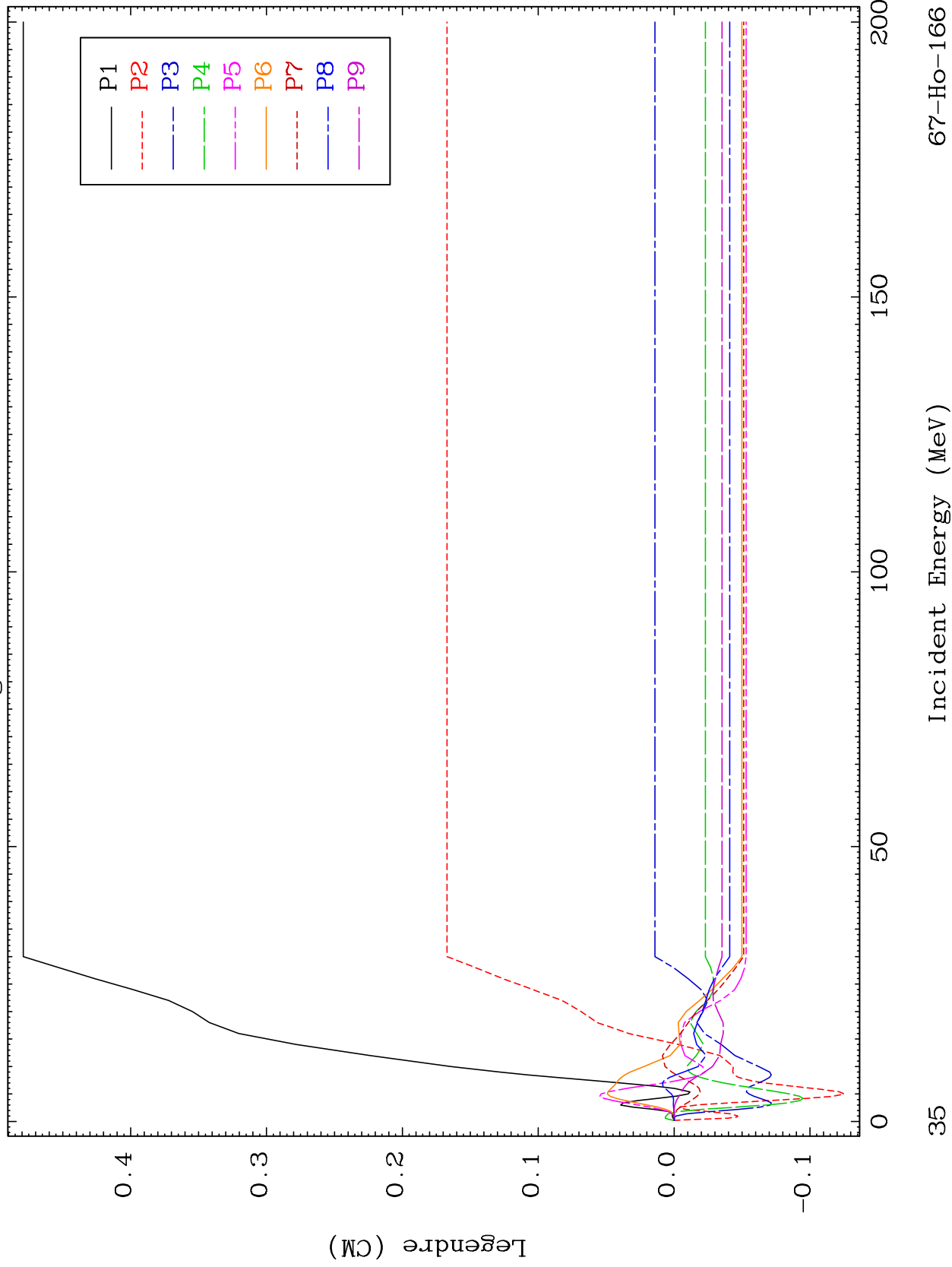
Incident Energy (MeV)

33

MAT 6728

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

67-Ho-166



67-Ho-166

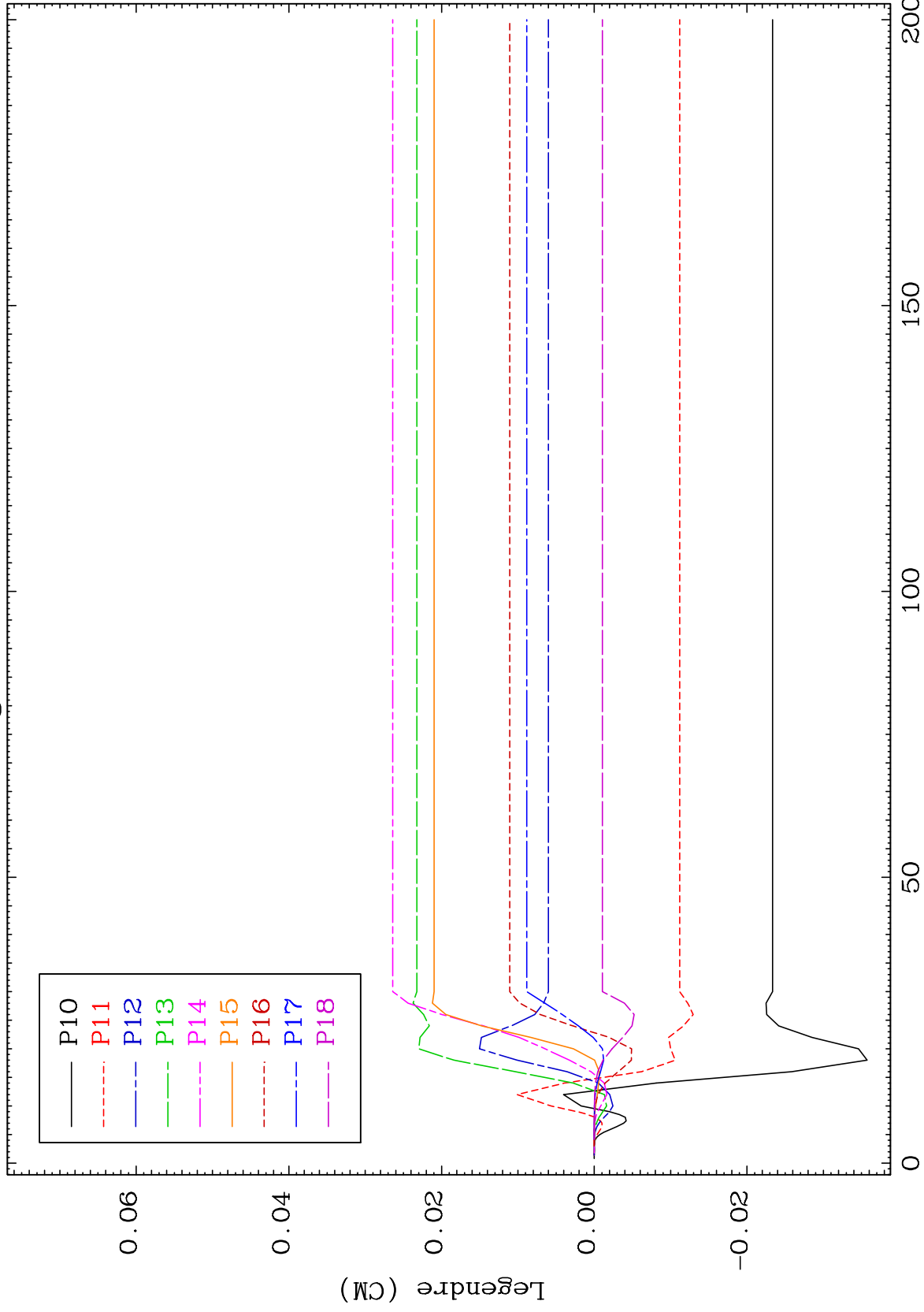
Incident Energy (MeV)

35

MAT 6728

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

67-Ho-166



36

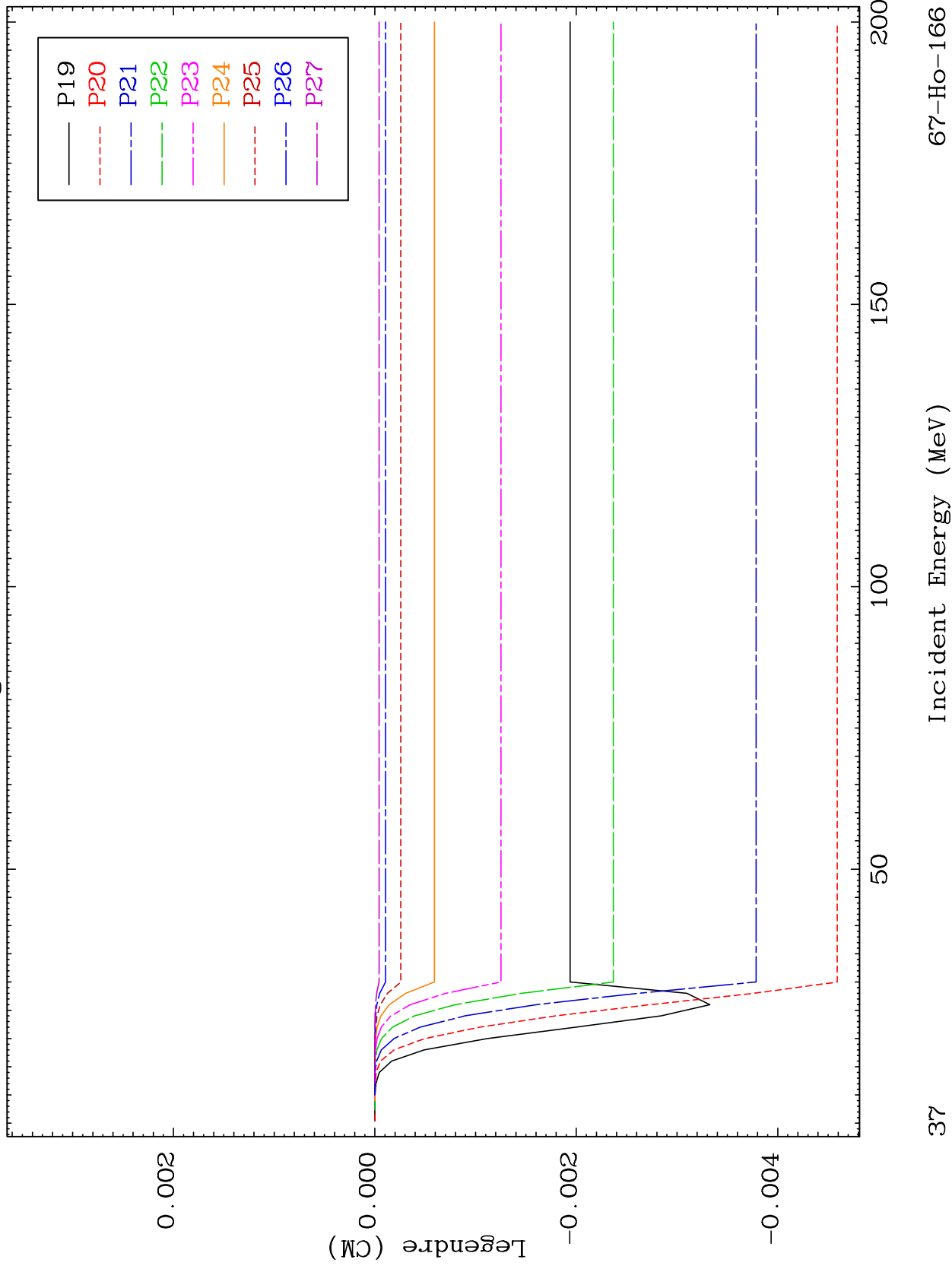
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

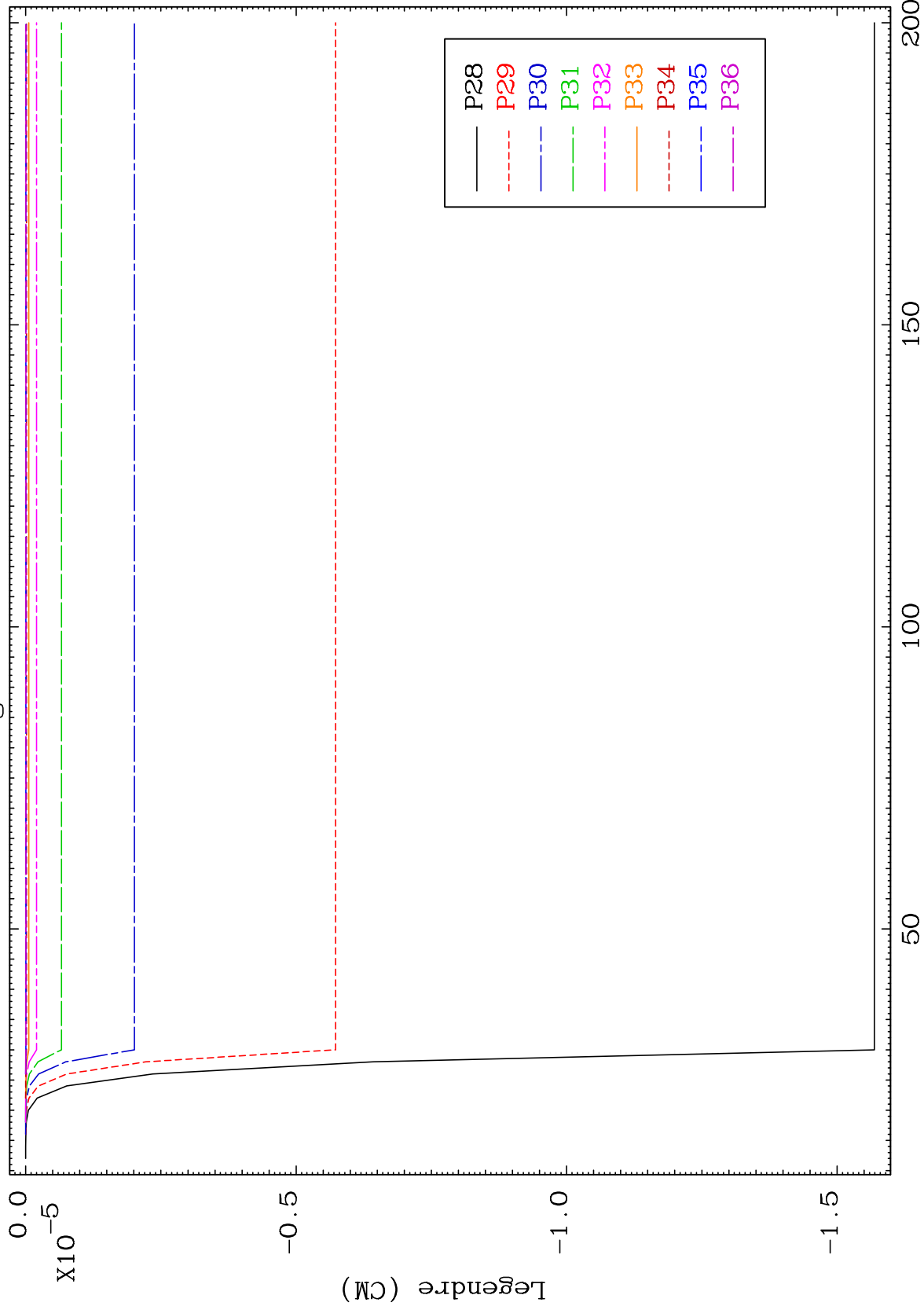
67-Ho-166



37

Incident Energy (MeV)

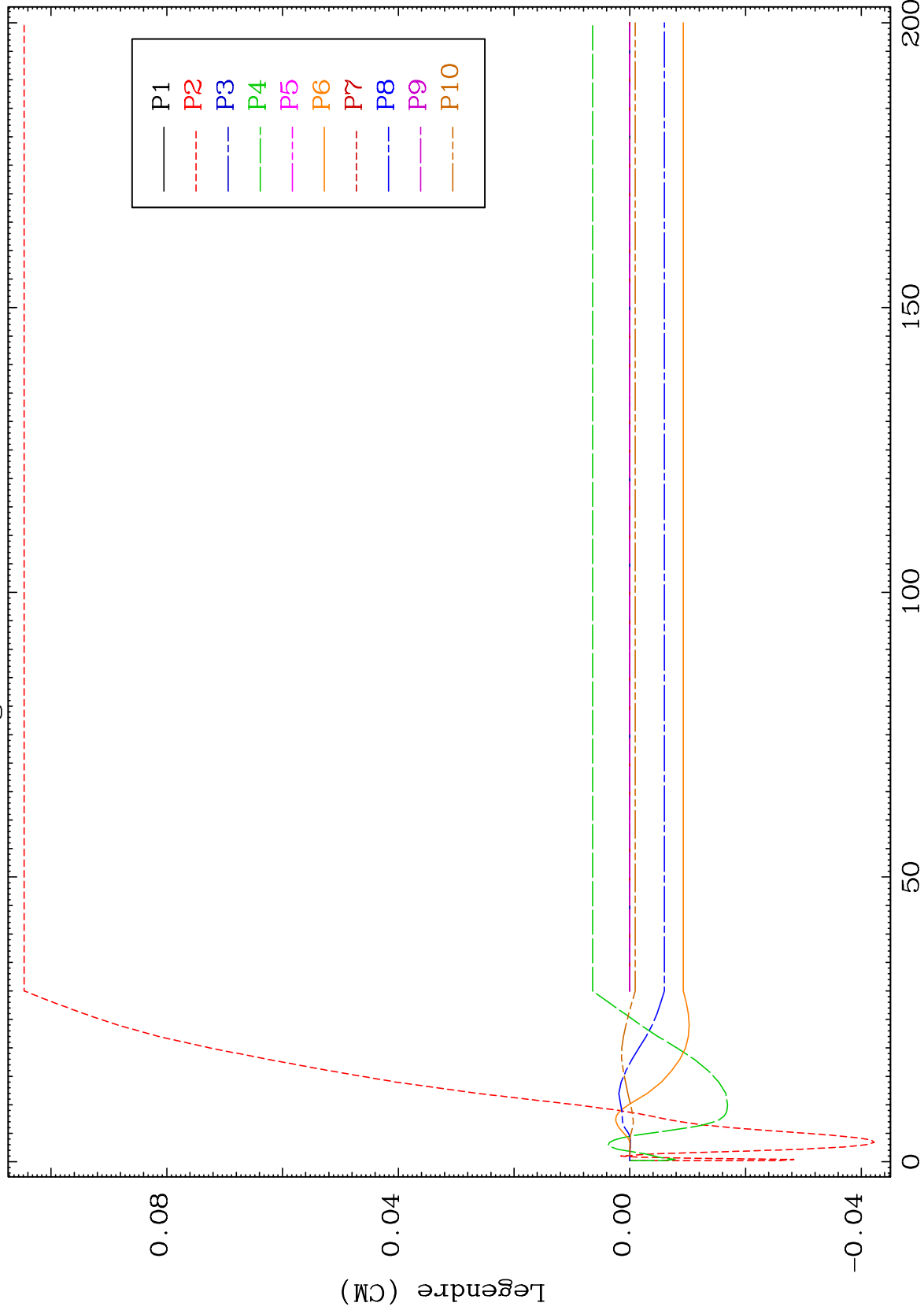
67-Ho-166



MAT 6728

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

67-Ho-166



39

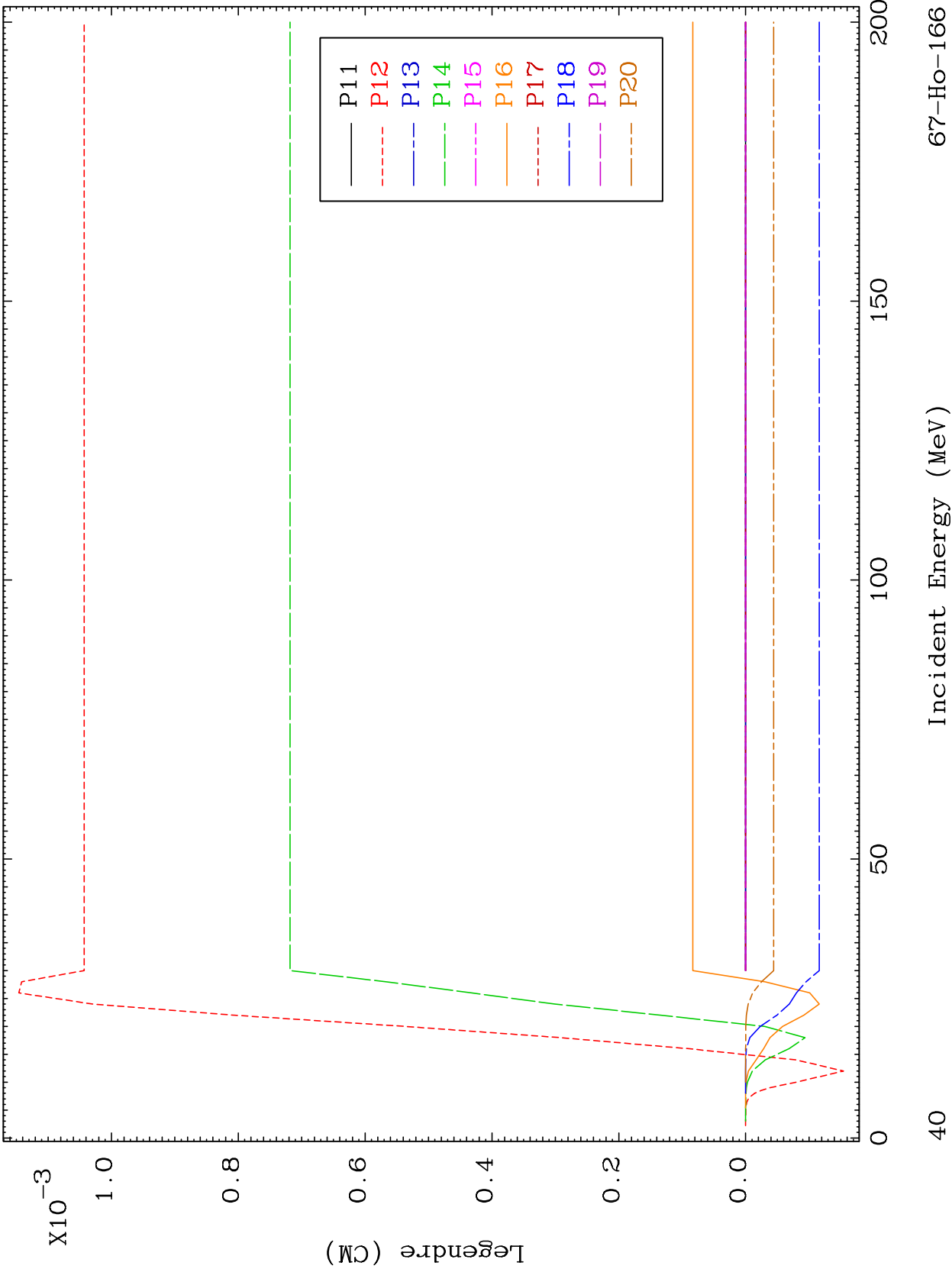
67-Ho-166

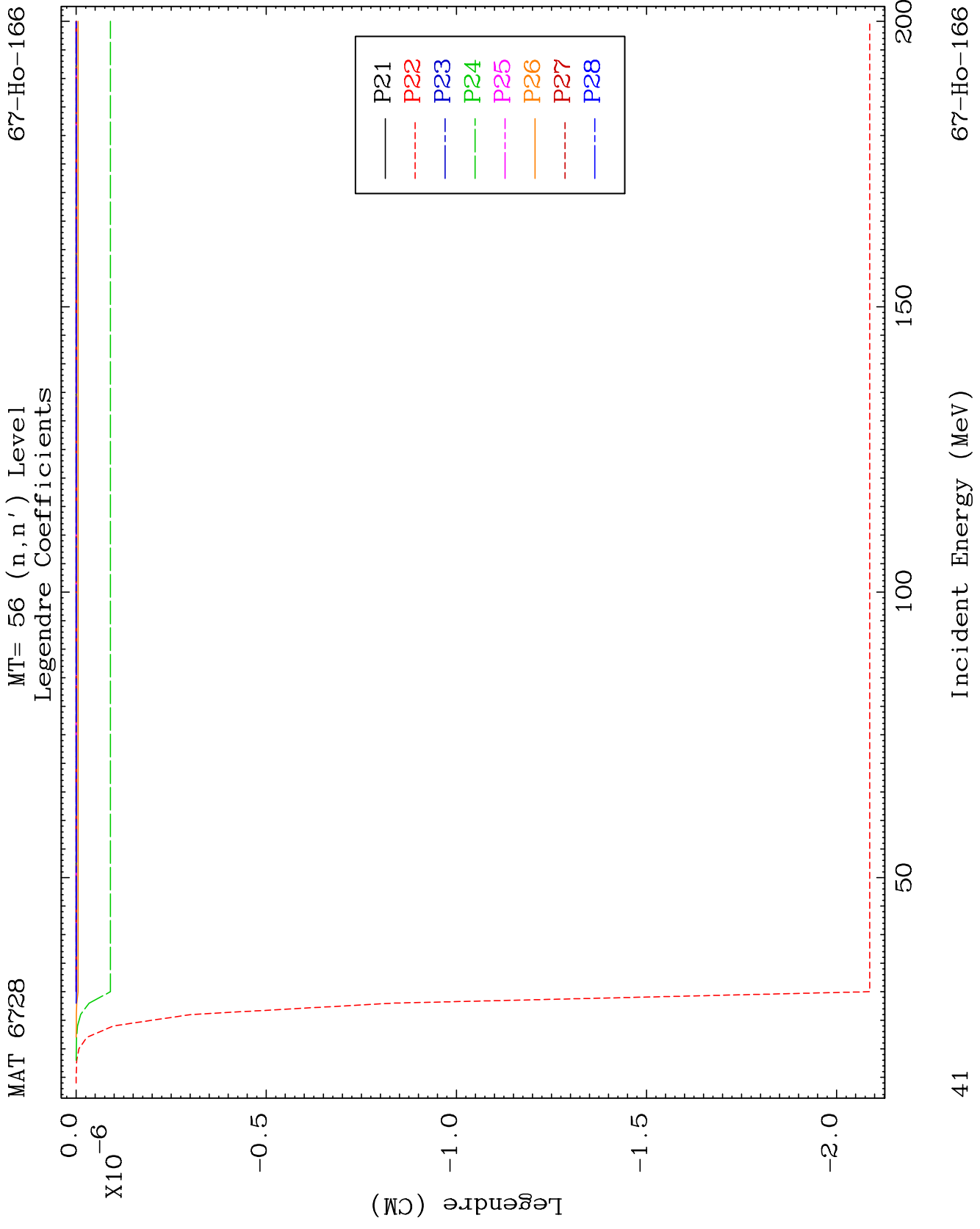
67-Ho-166

MAT 6728

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

67-Ho-166

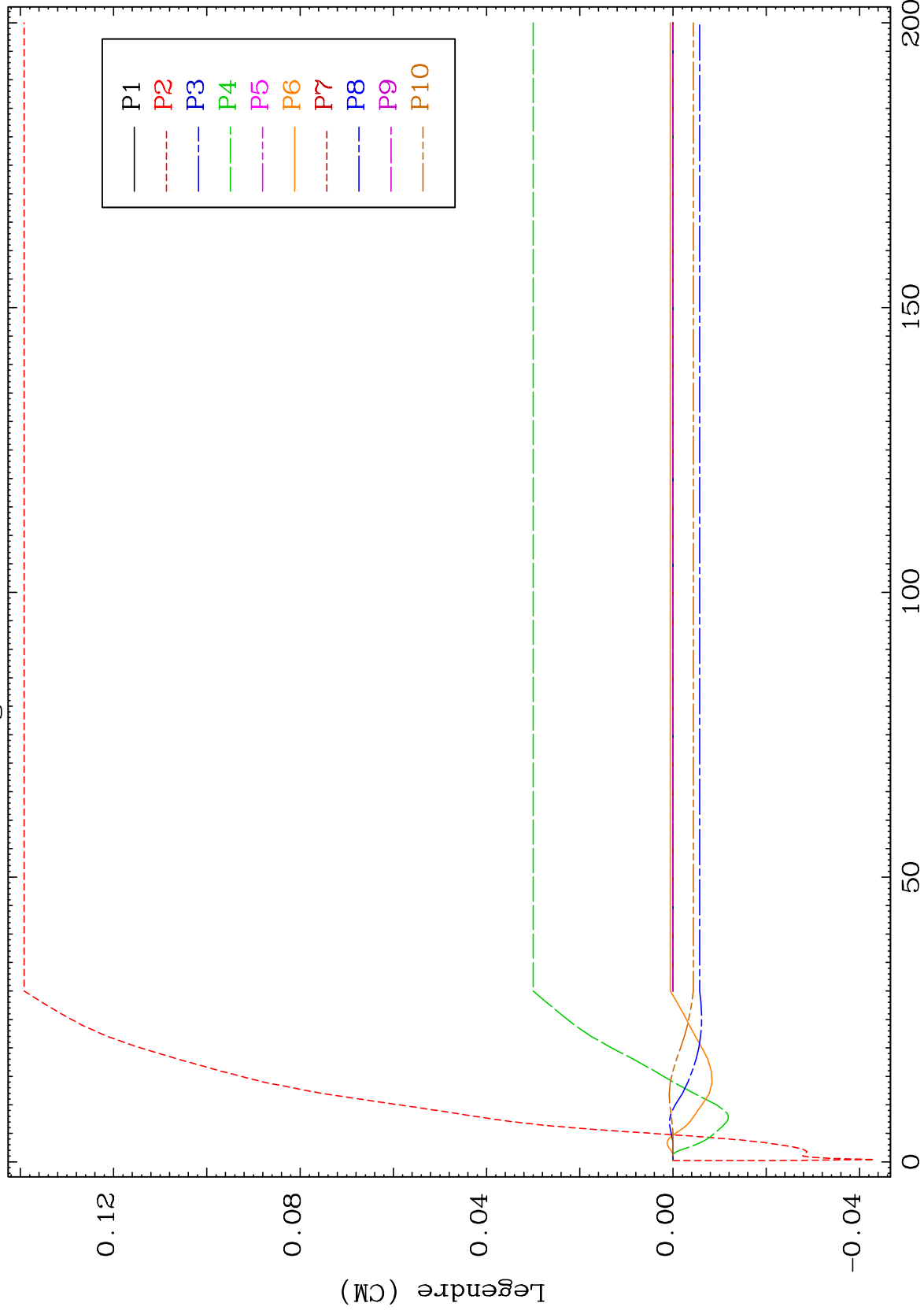




MAT 6728

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

67-Ho-166



67-Ho-166

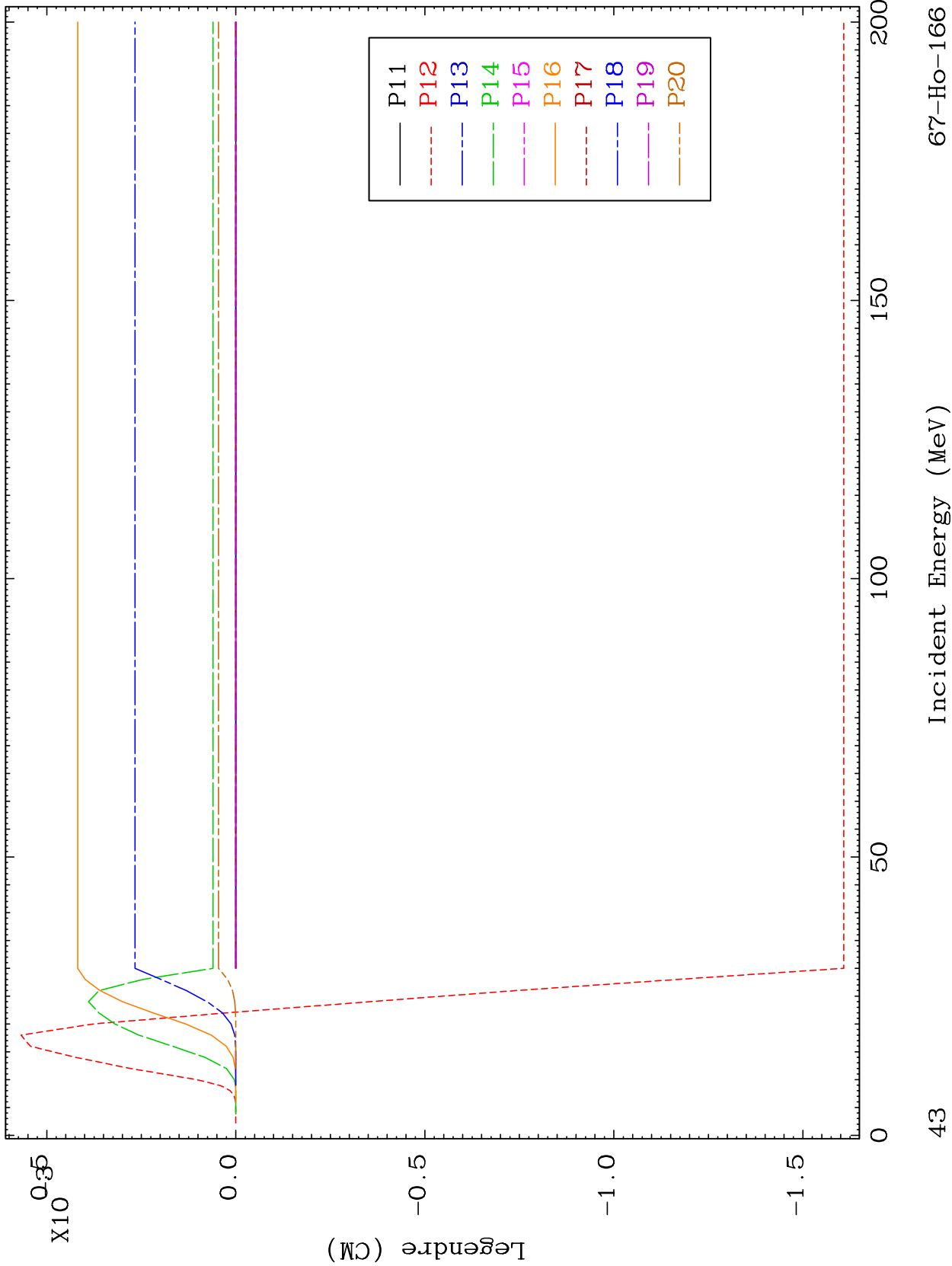
Incident Energy (MeV)

42

MAT 6728

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

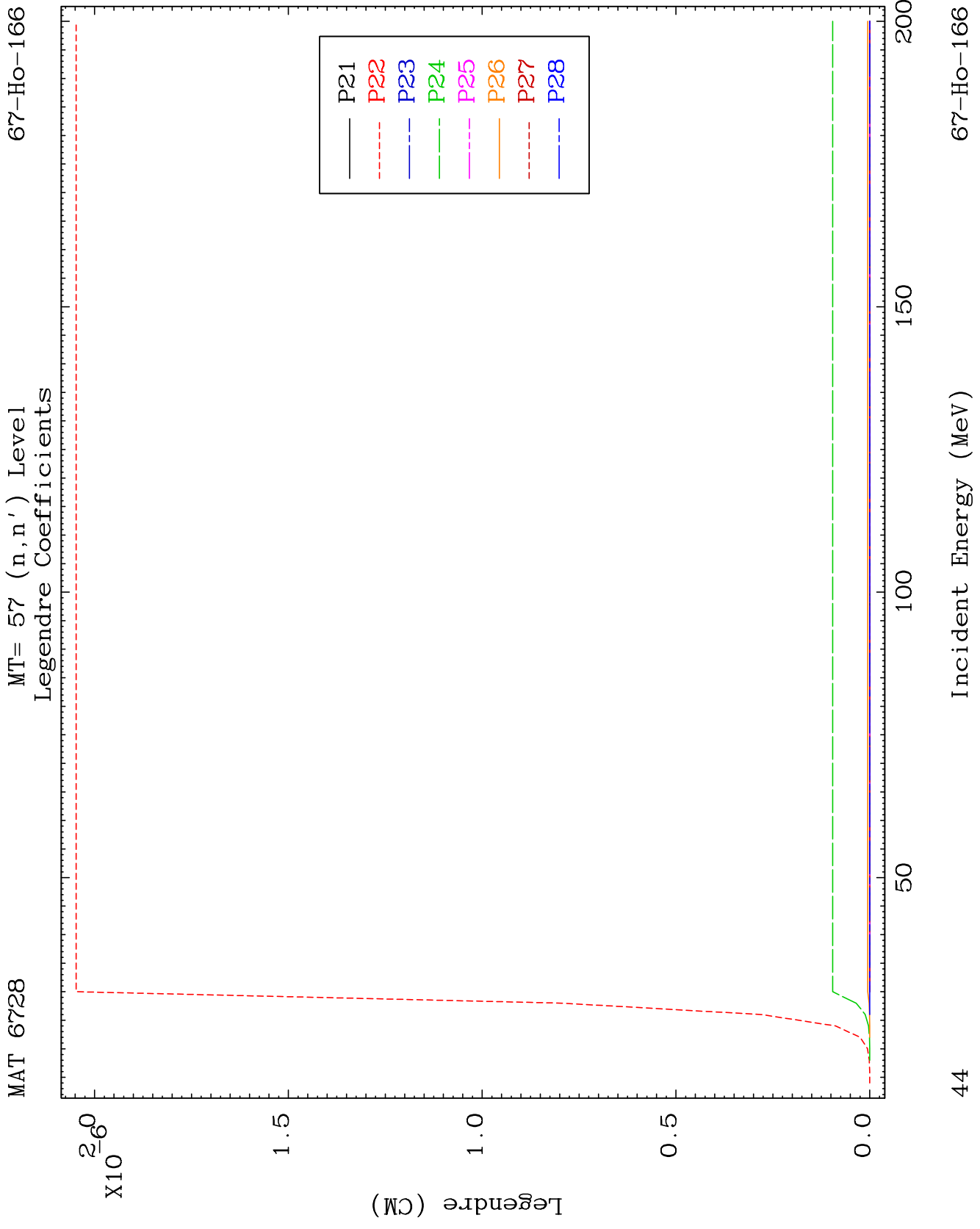
67-Ho-166



43

Incident Energy (MeV)

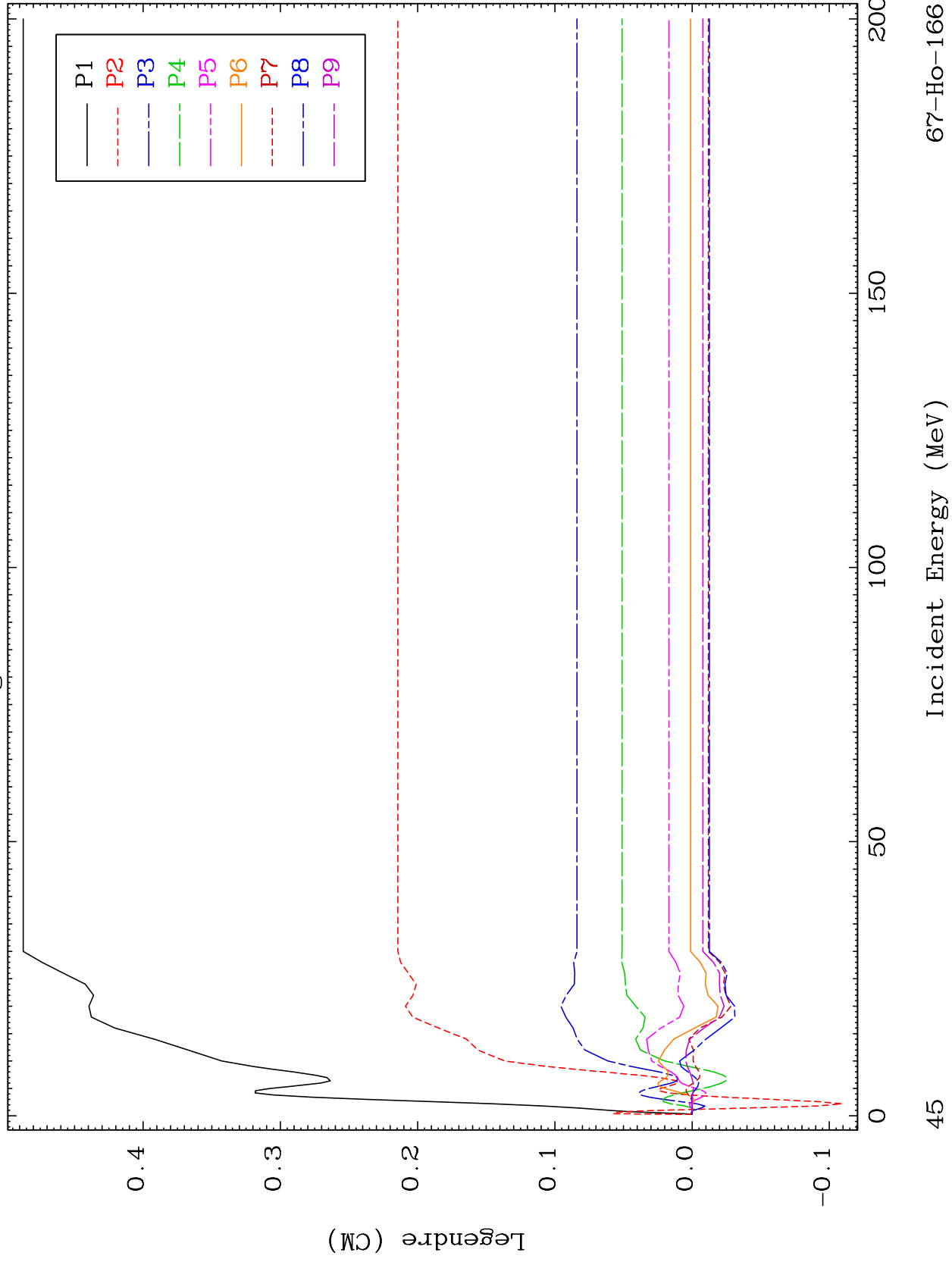
67-Ho-166



MAT 6728

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

67-Ho-166



67-Ho-166

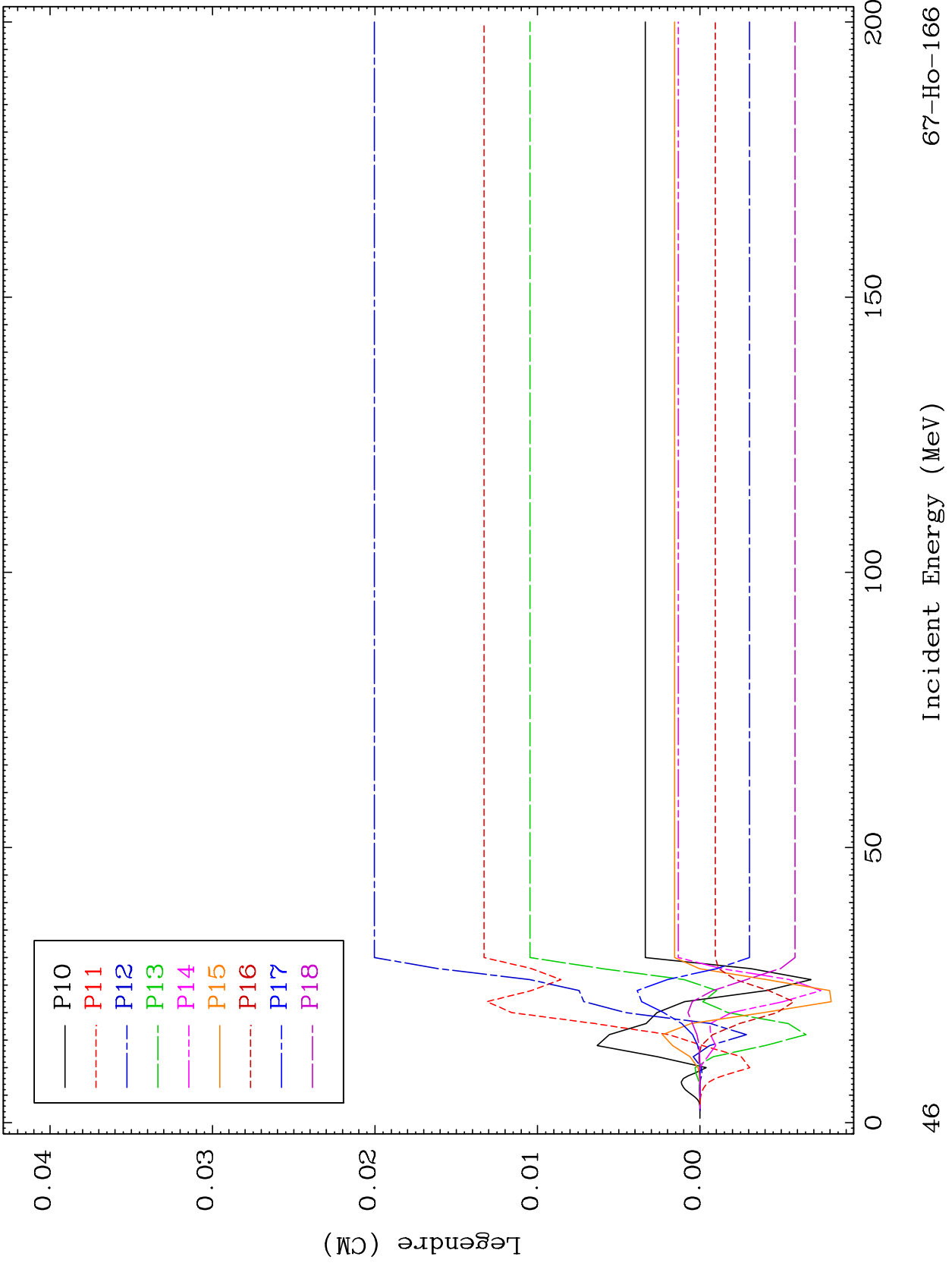
Incident Energy (MeV)

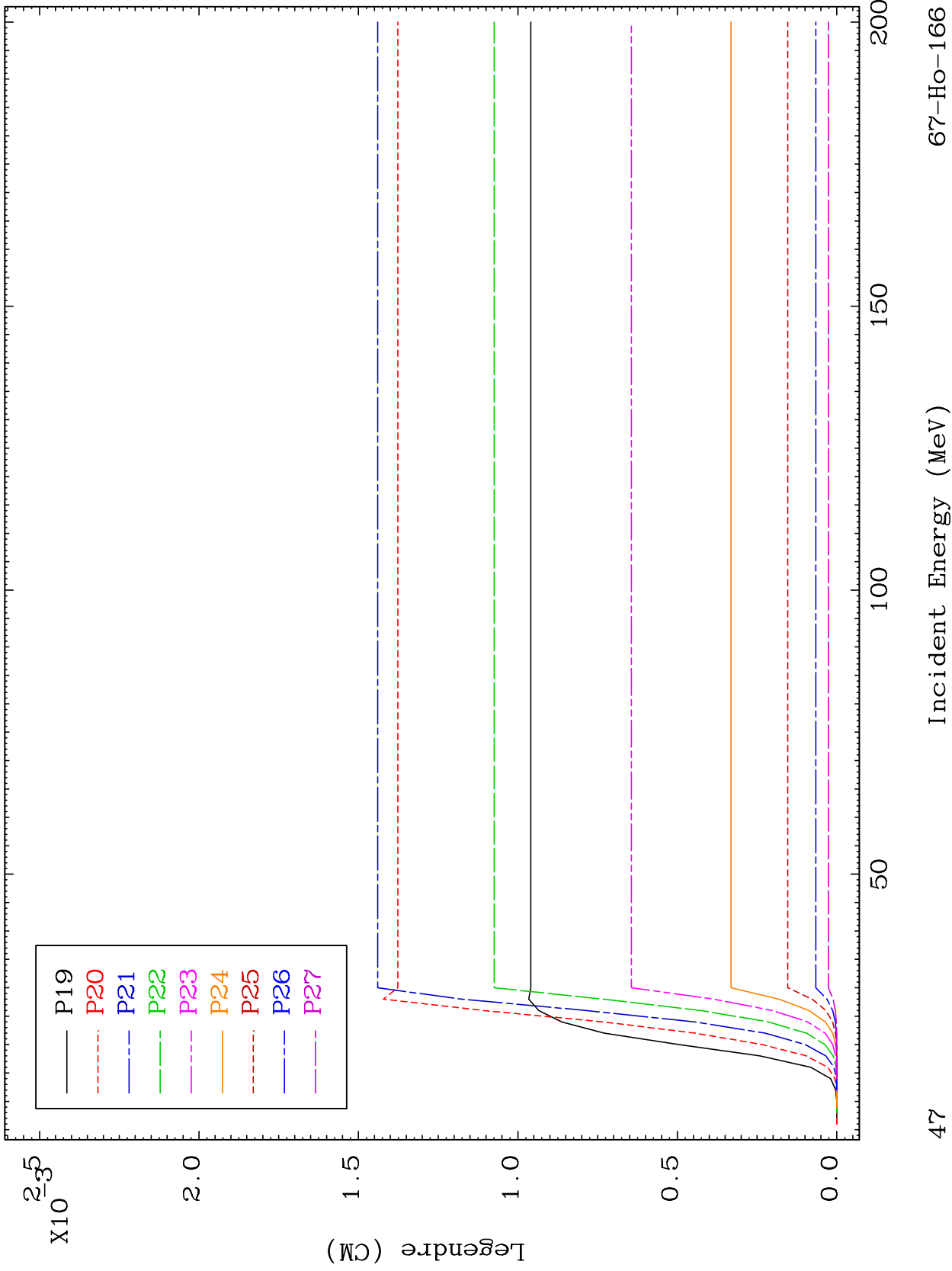
45

MAT 6728

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

67-Ho-166

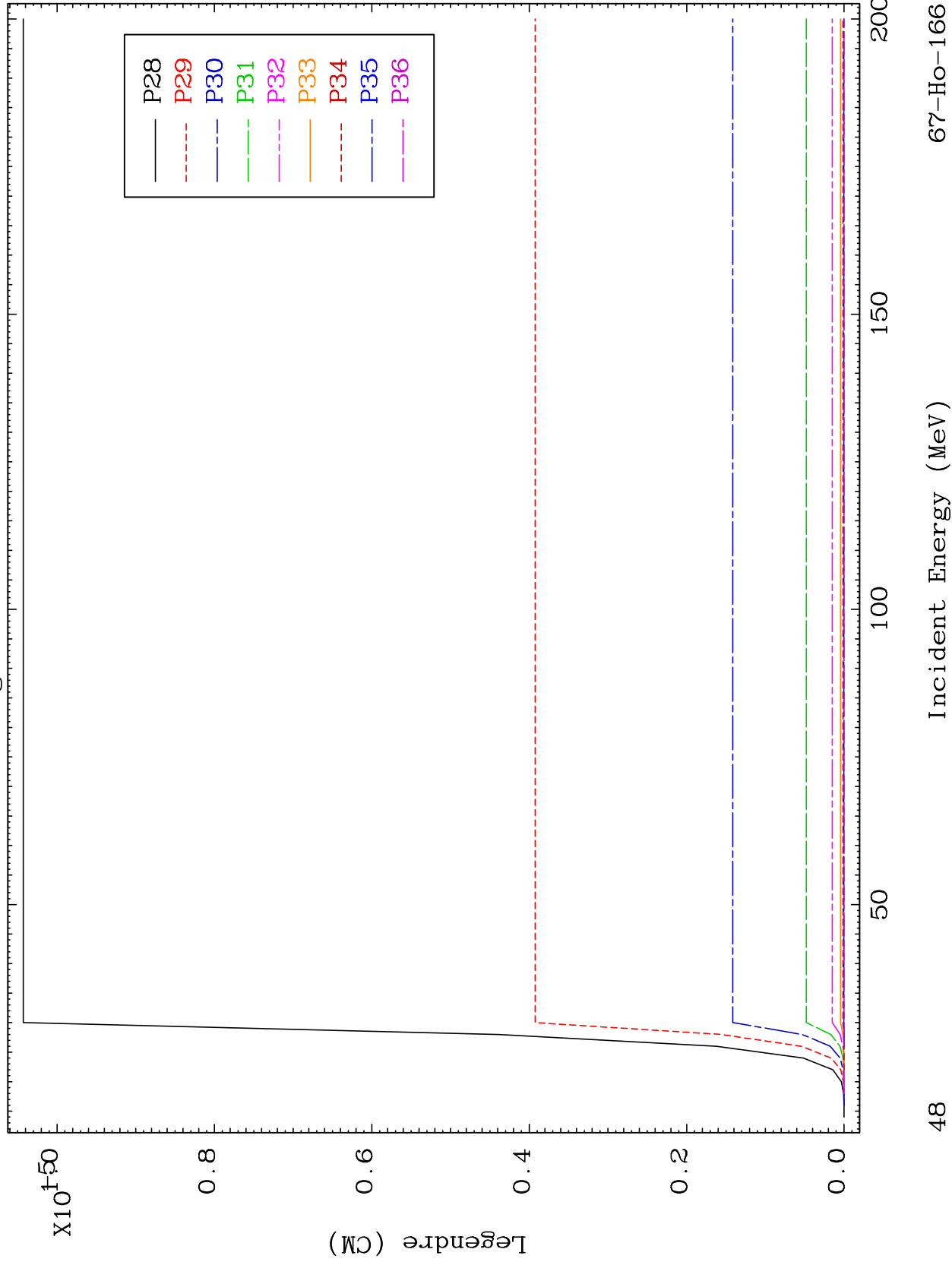




MAT 6728

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

67-Ho-166



48

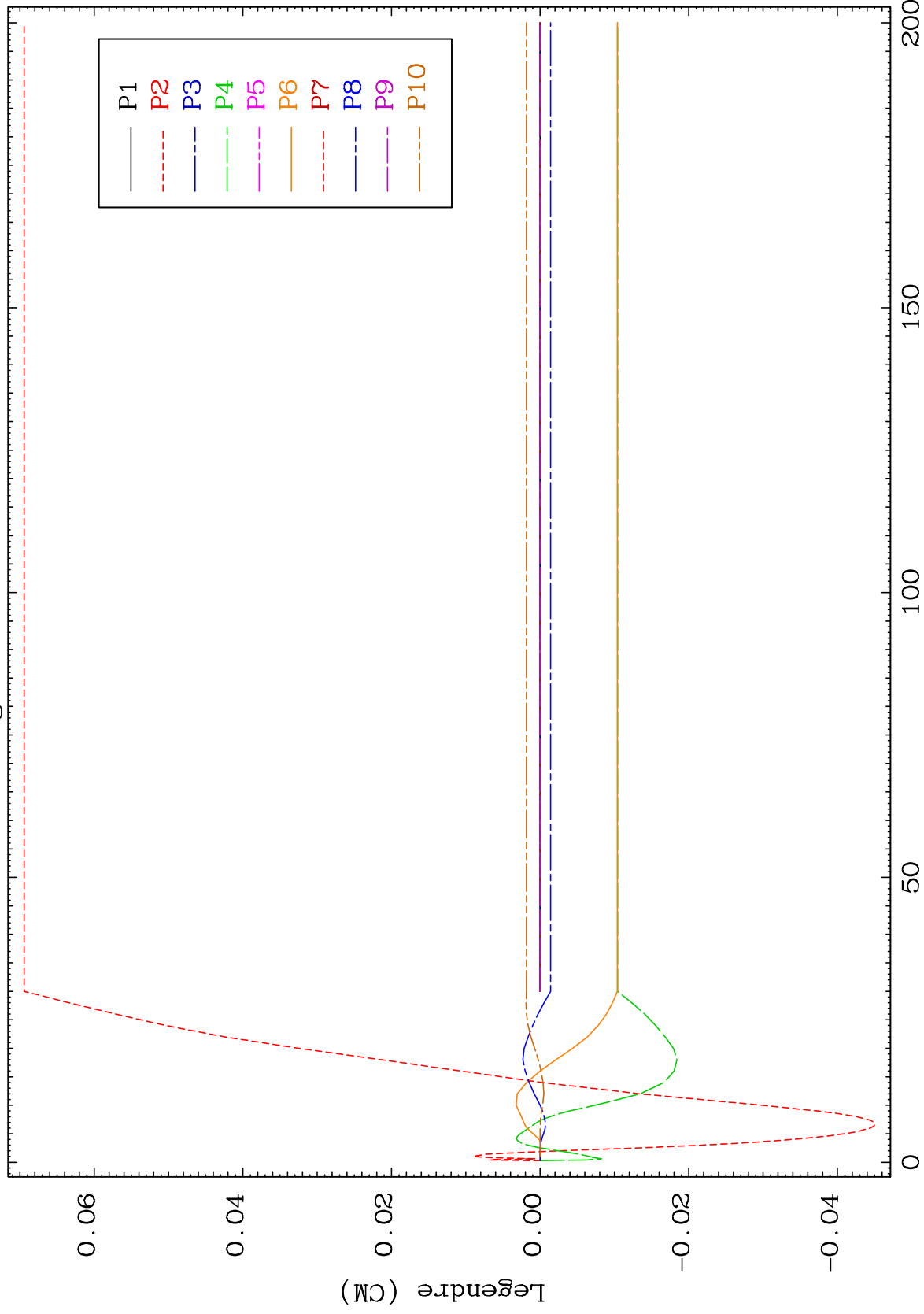
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



49

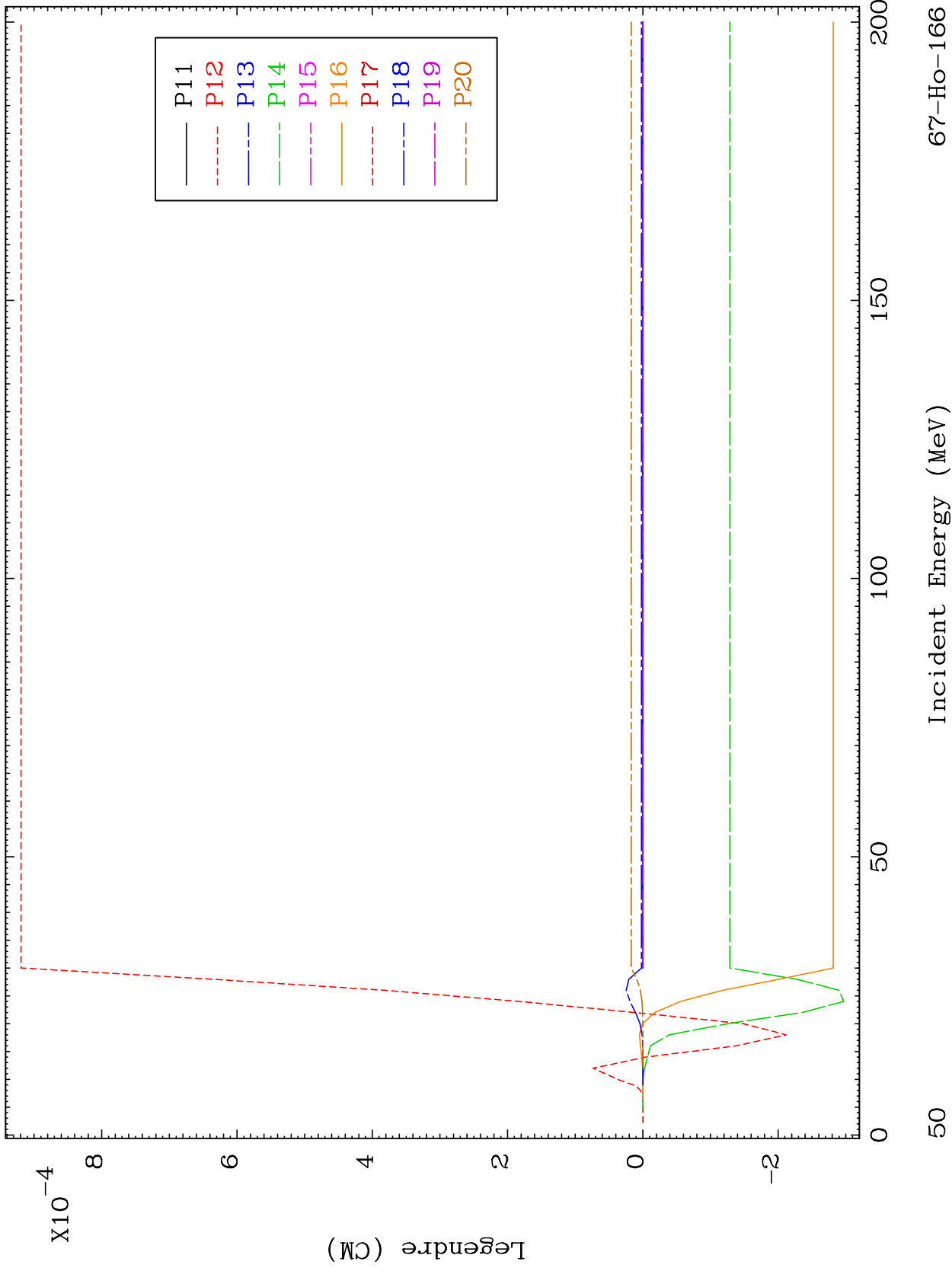
Incident Energy (MeV)

67-Ho-166

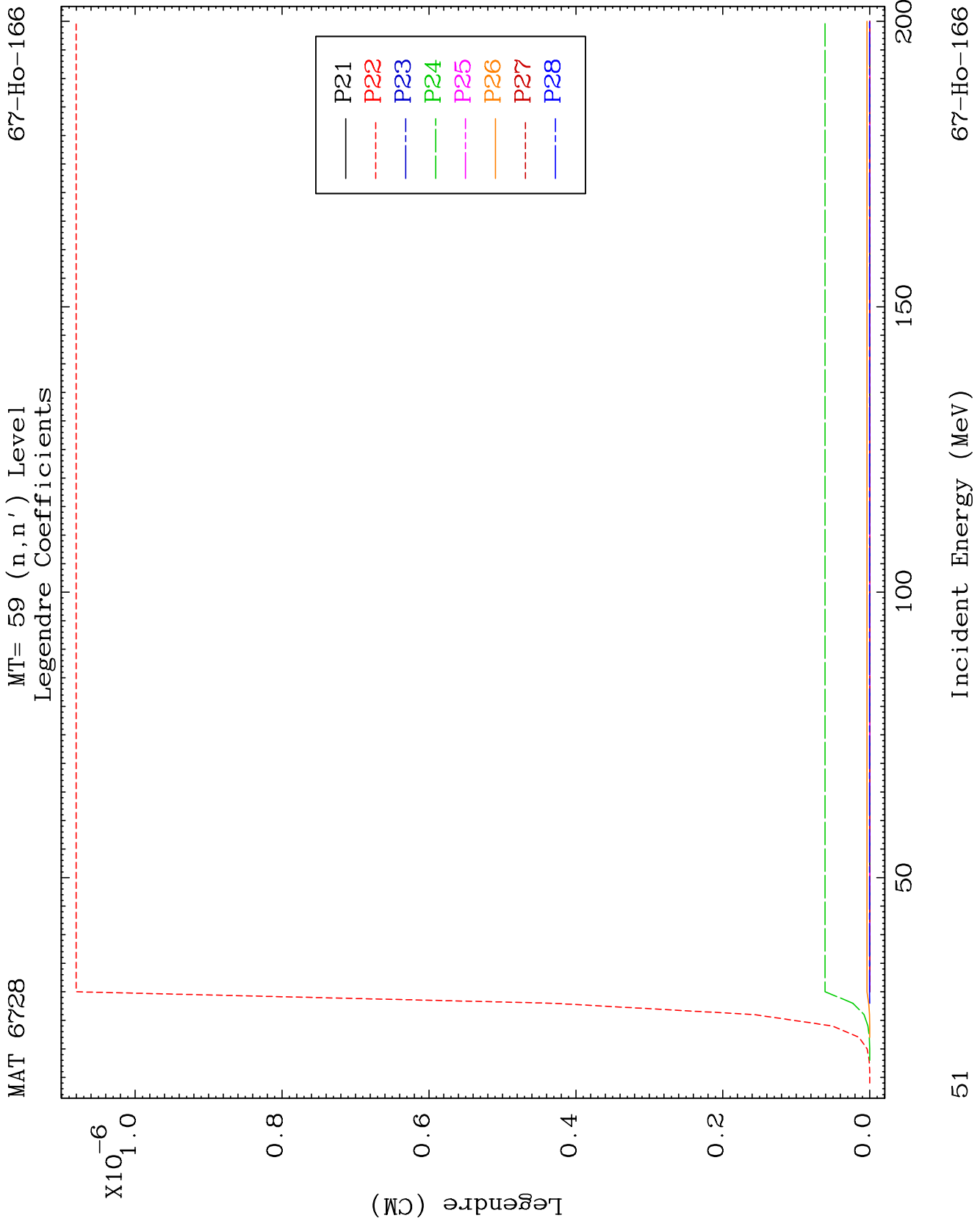
MAT 6728

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

67-Ho-166



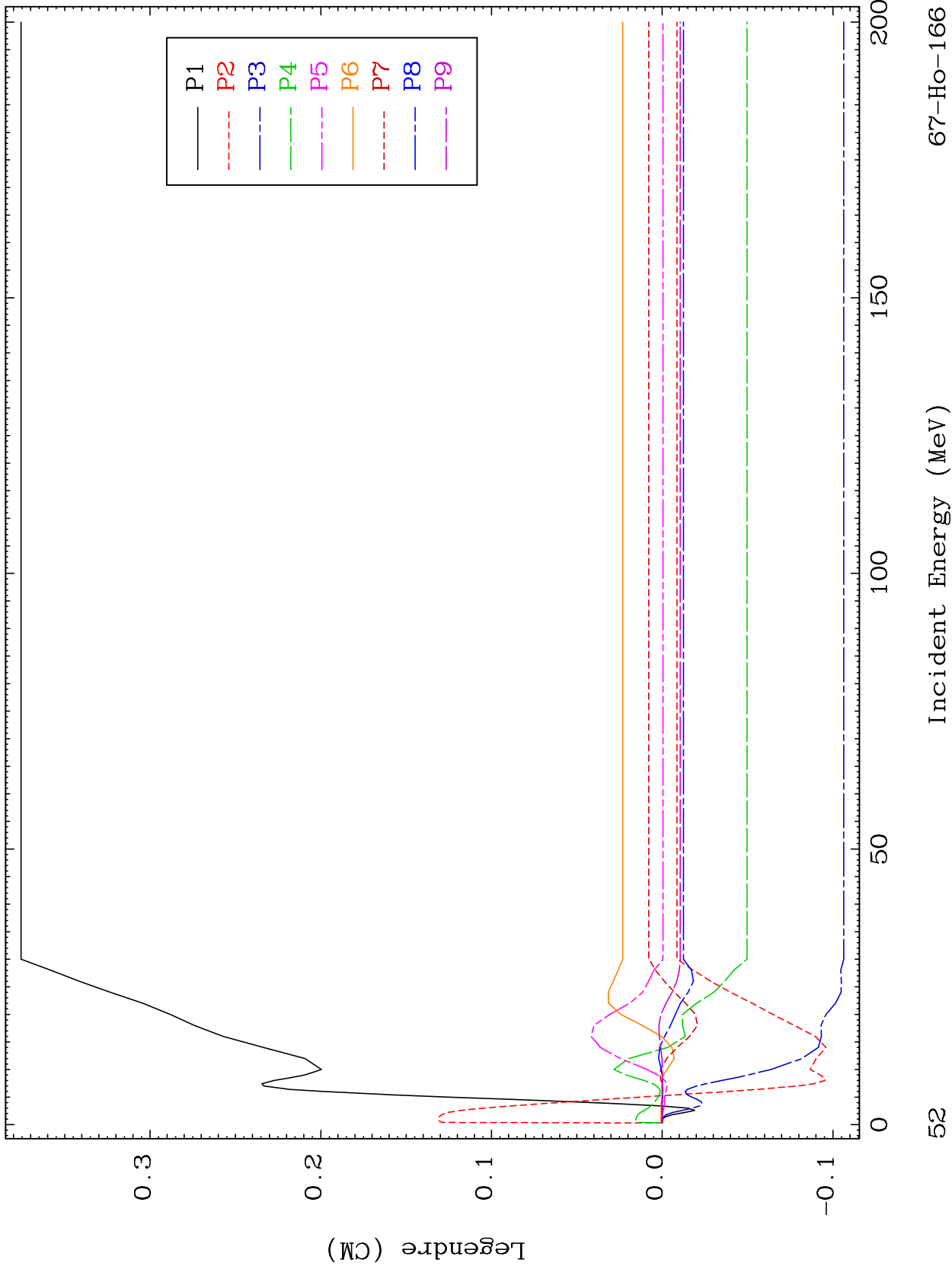
67-Ho-166



MAT 6728

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

67-Ho-166



67-Ho-166

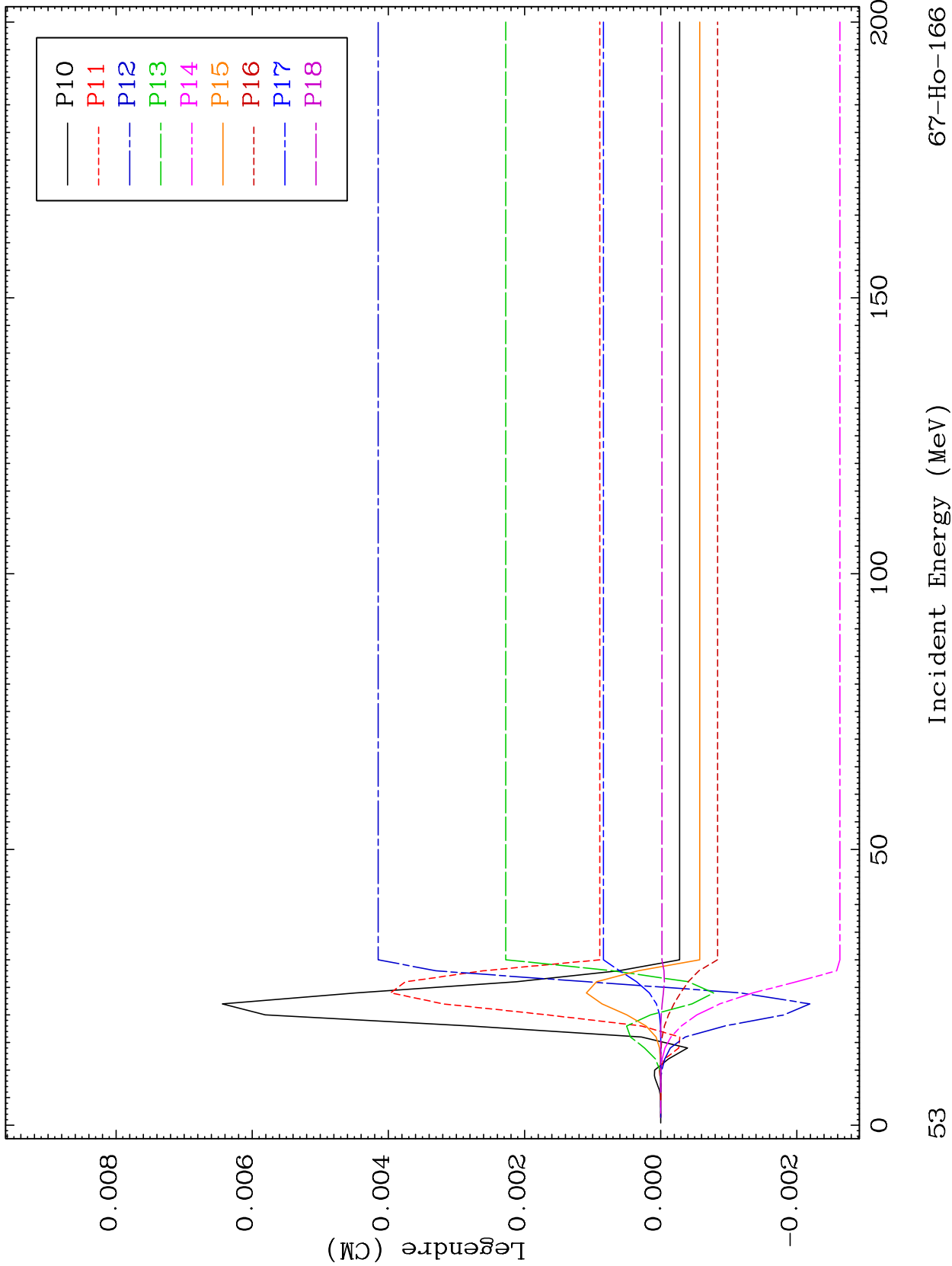
Incident Energy (MeV)

52

MAT 6728

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

67-Ho-166



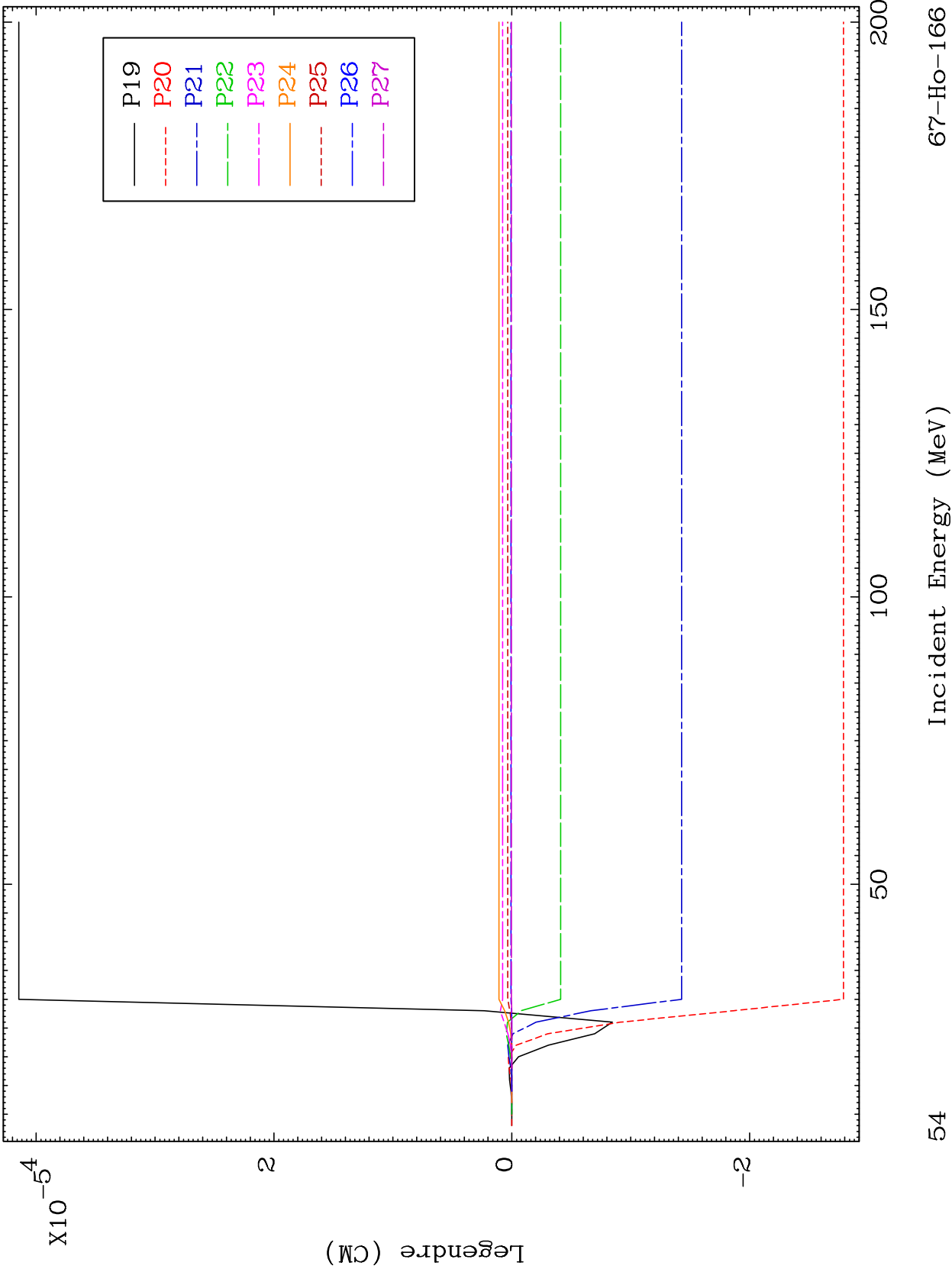
53

67-Ho-166

MAT 6728

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

67-Ho-166



54

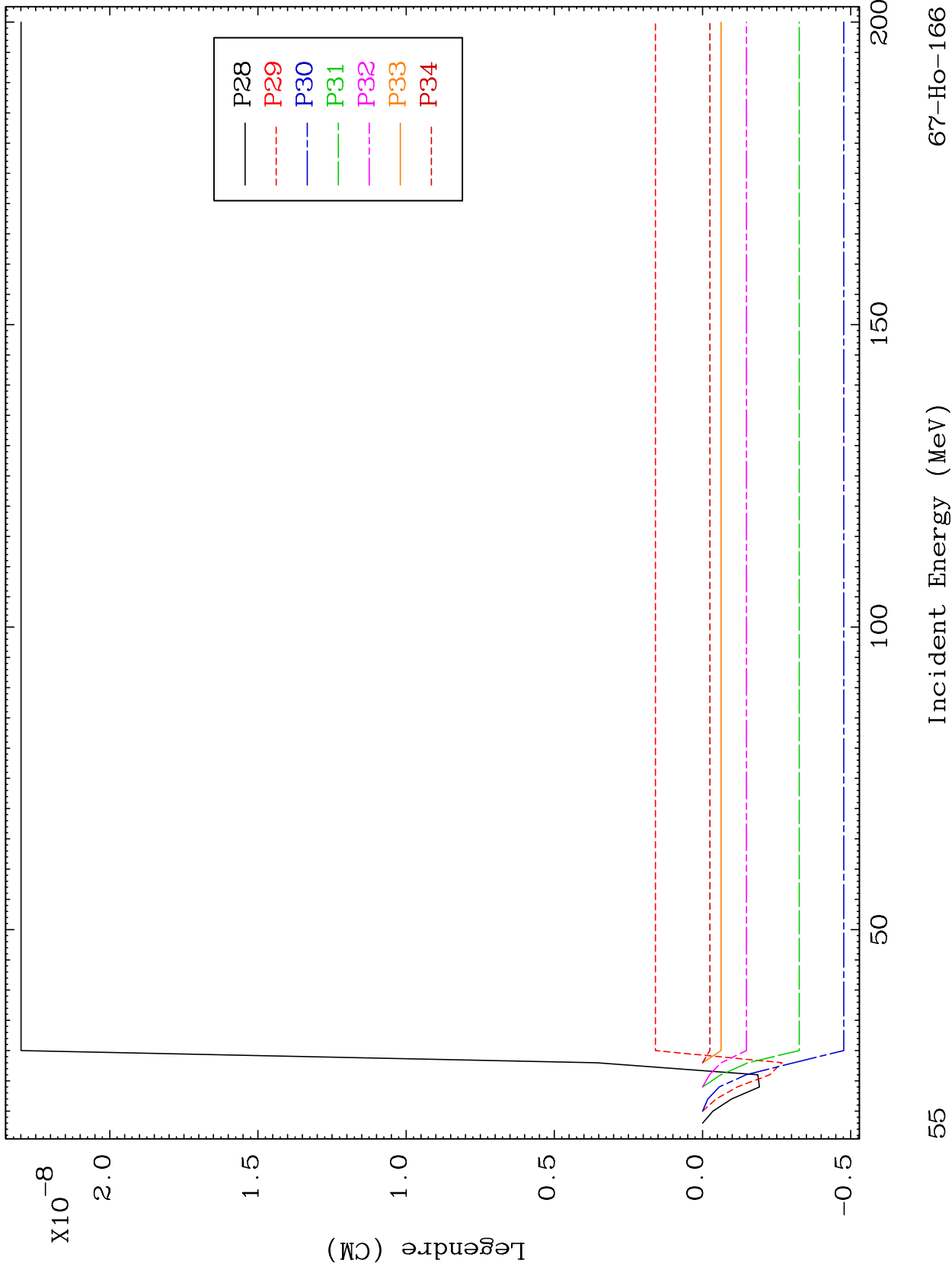
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



55

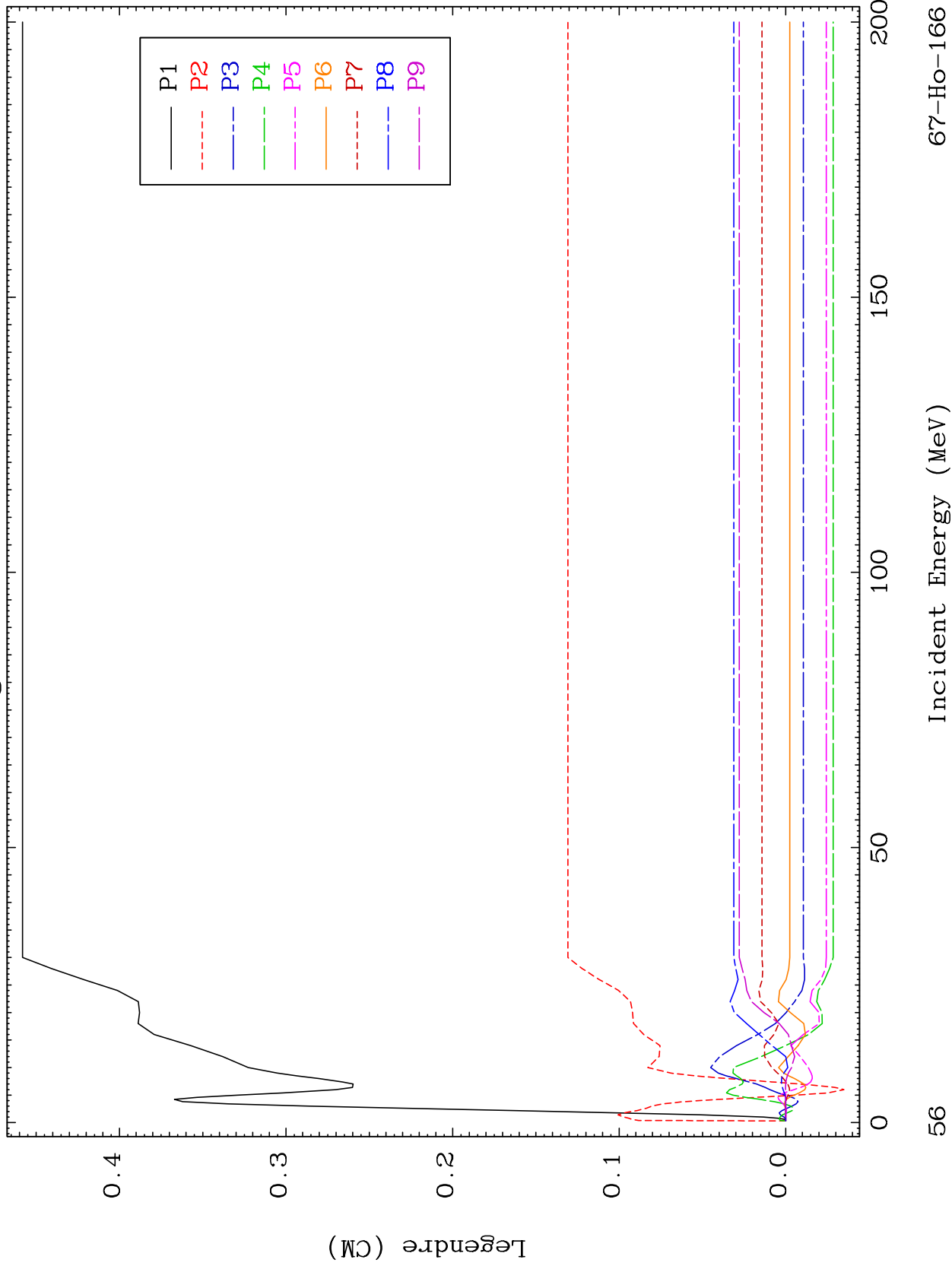
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



67-Ho-166

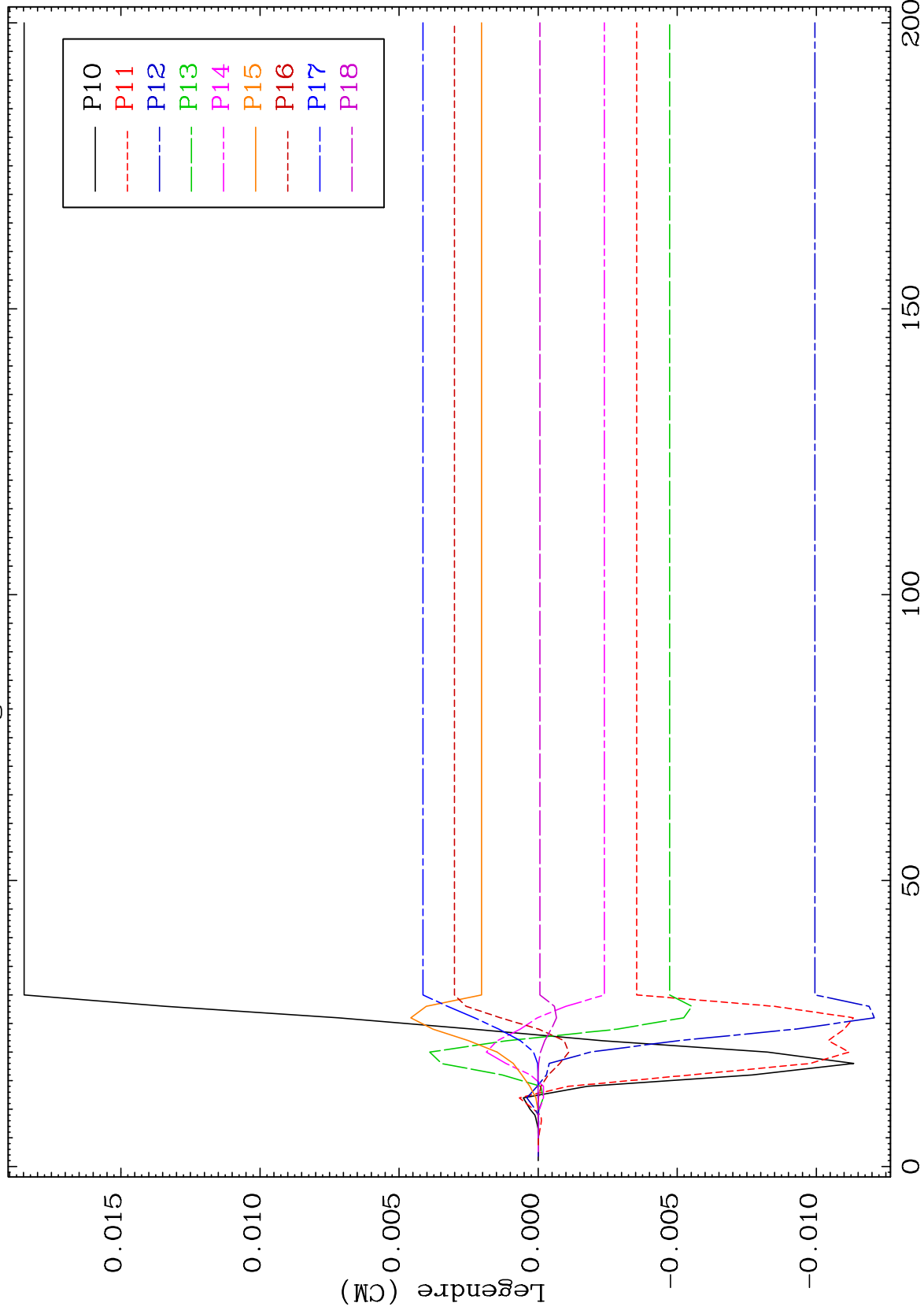
Incident Energy (MeV)

56

MAT 6728

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

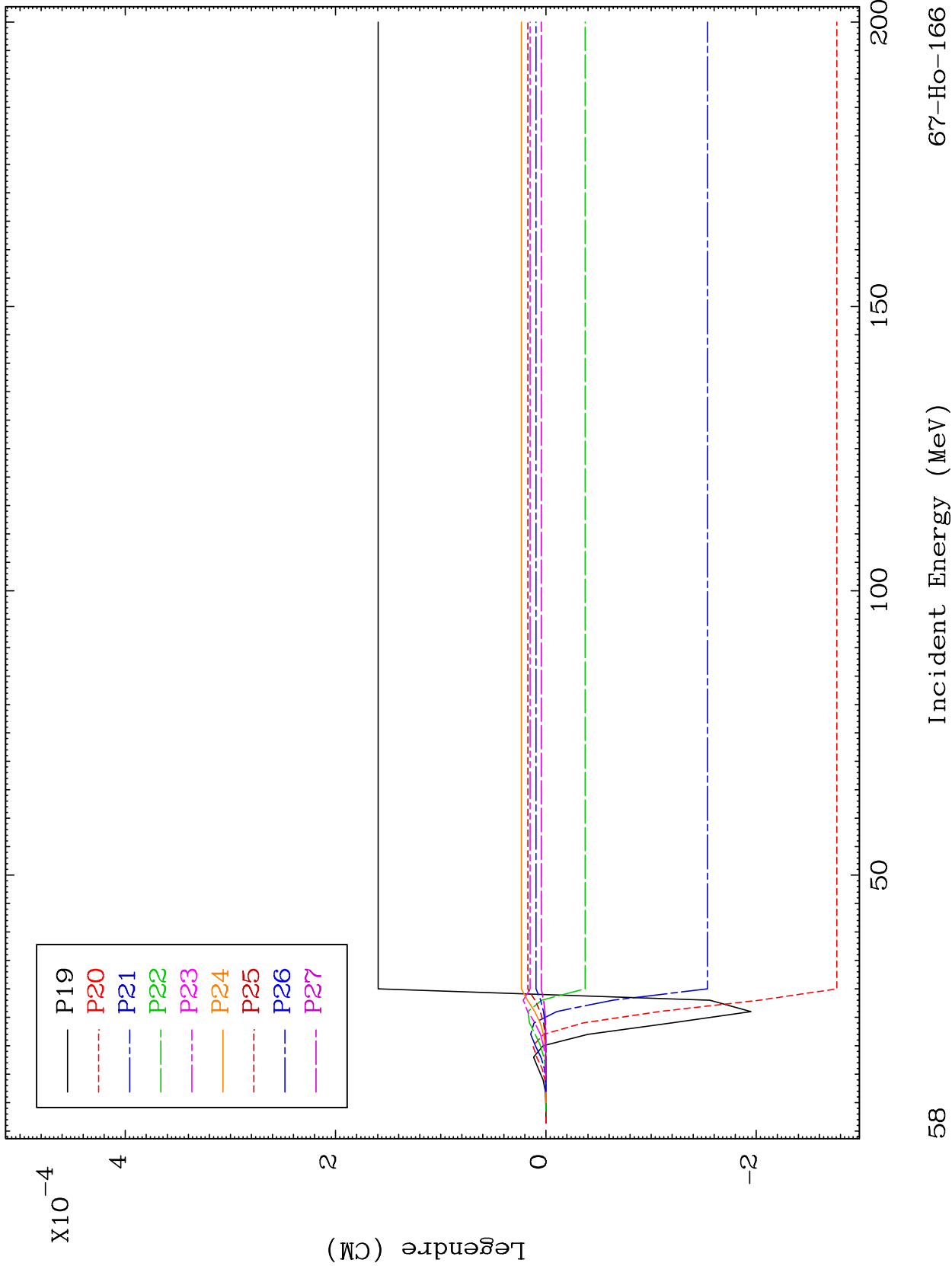
67-Ho-166



57

Incident Energy (MeV)

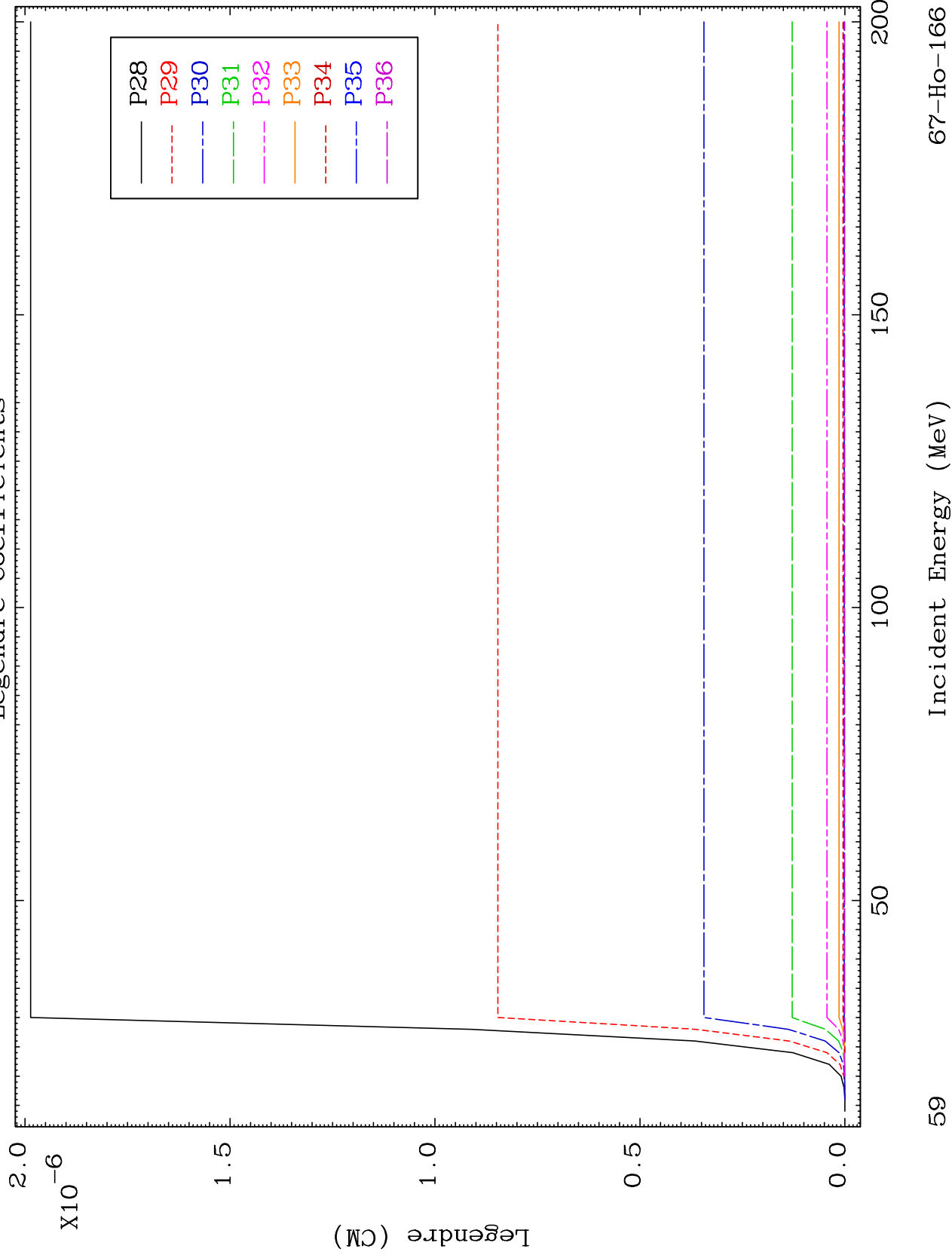
67-Ho-166



MAT 6728

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

67-Ho-166



59

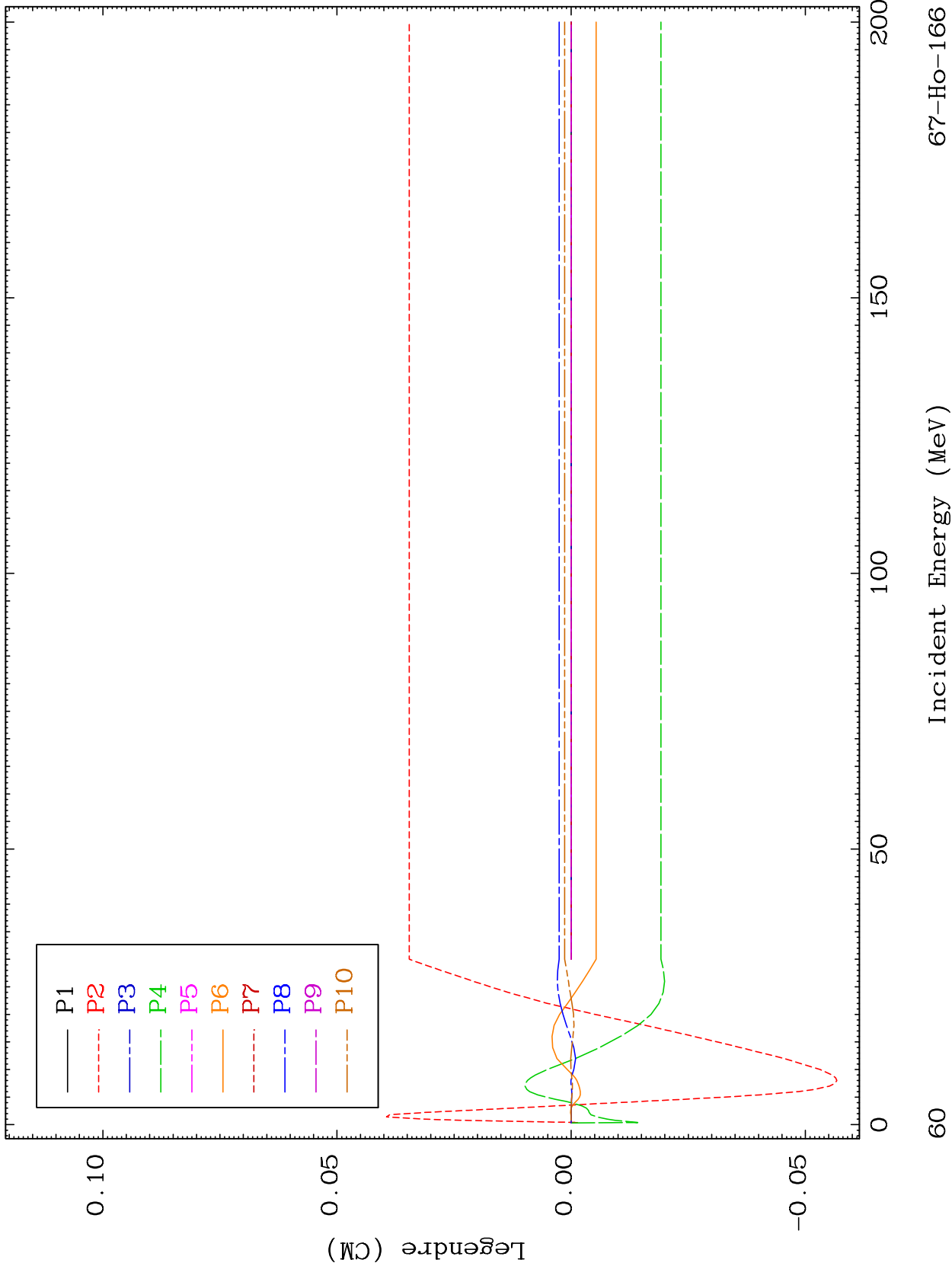
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



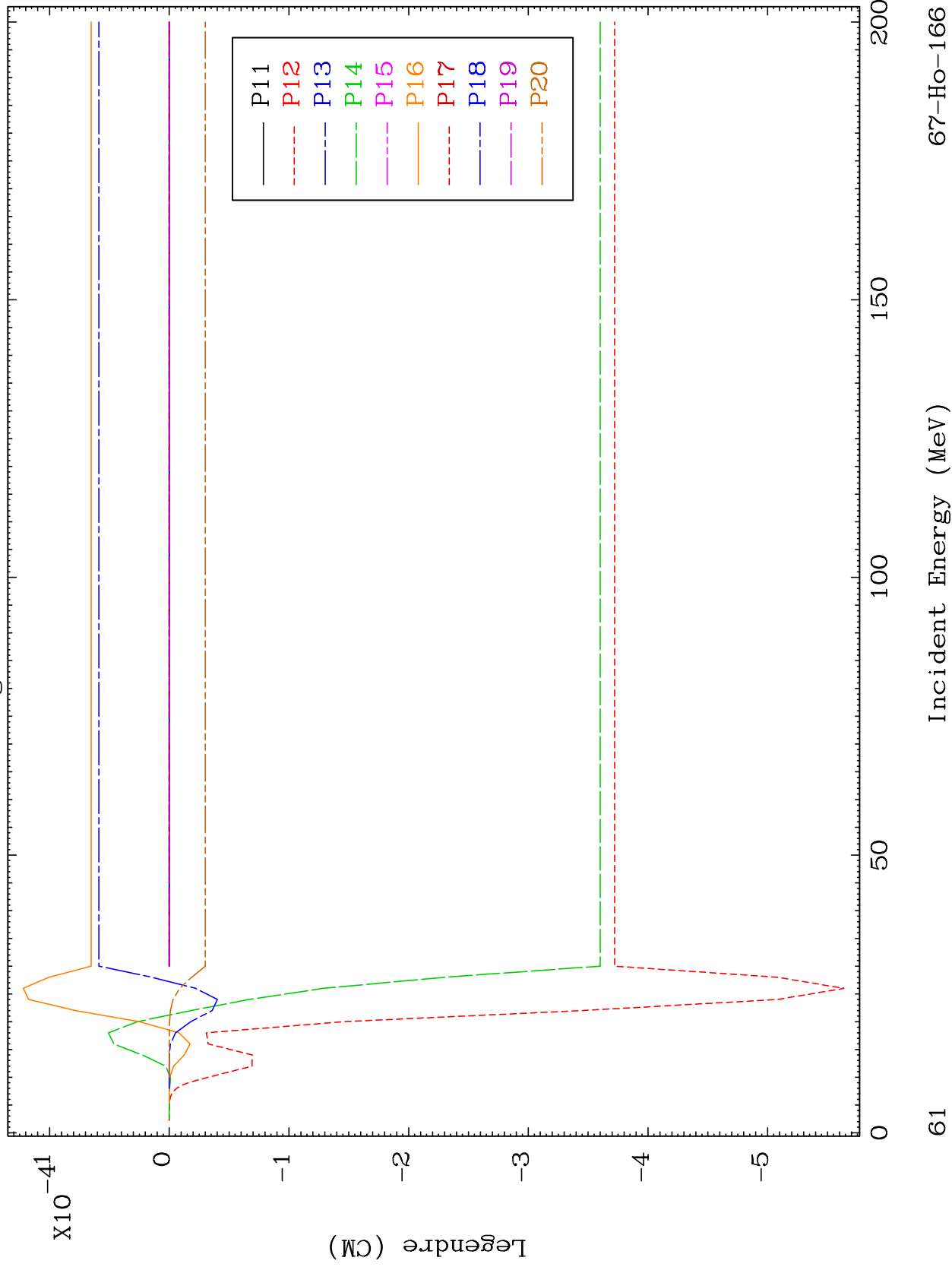
67-Ho-166

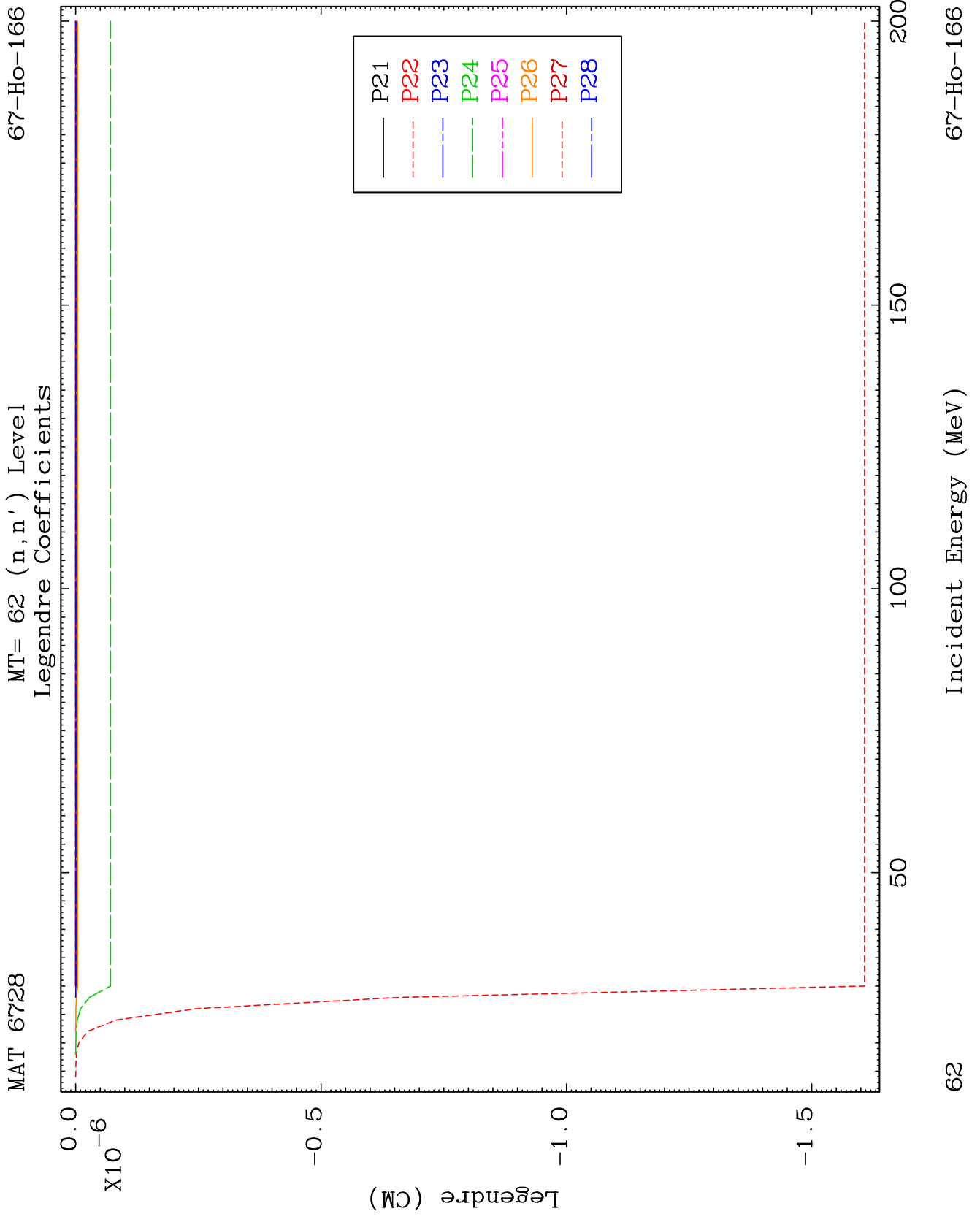
Incident Energy (MeV)

MAT 6728

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

67-Ho-166

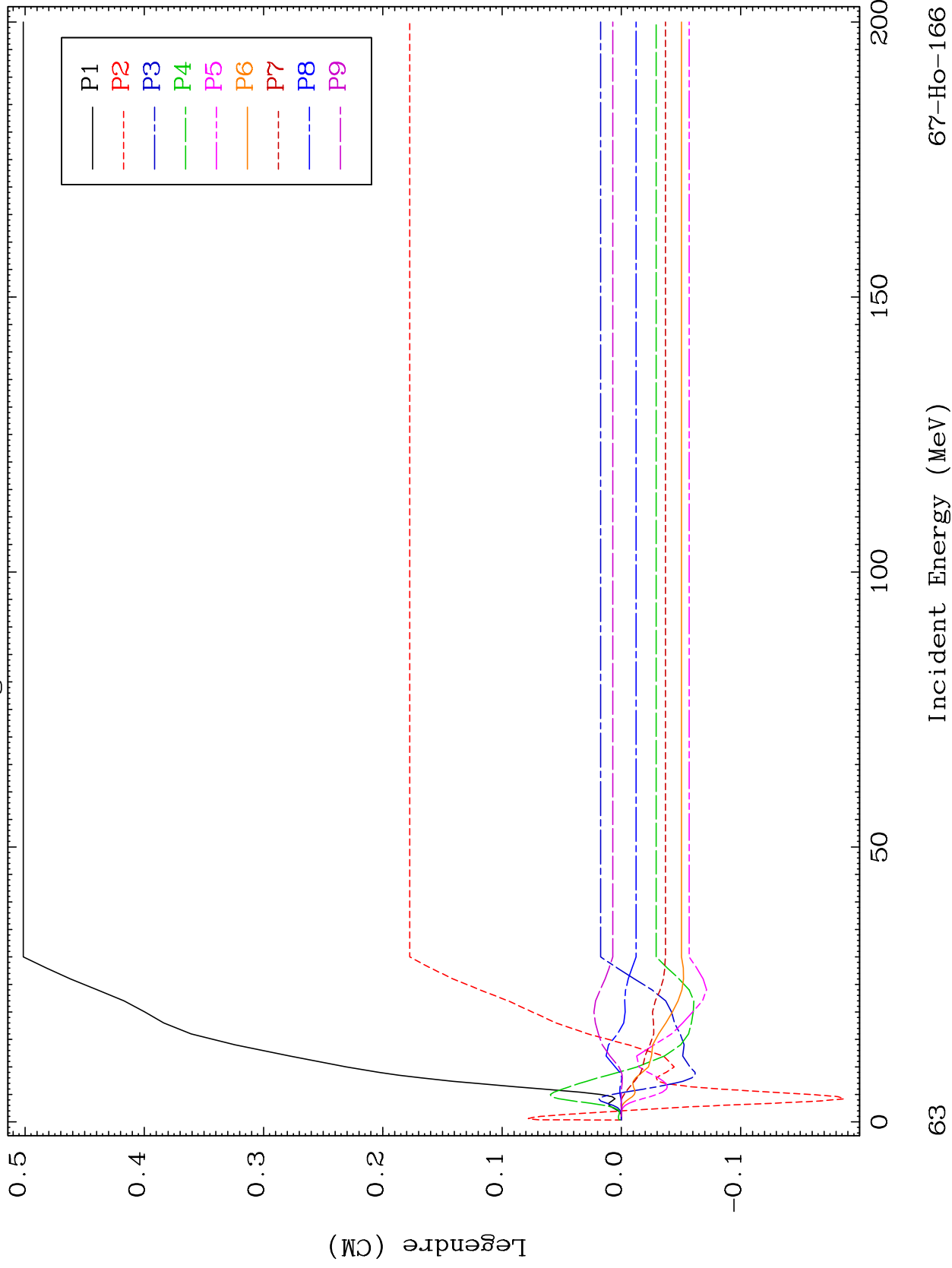




MAT 6728

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

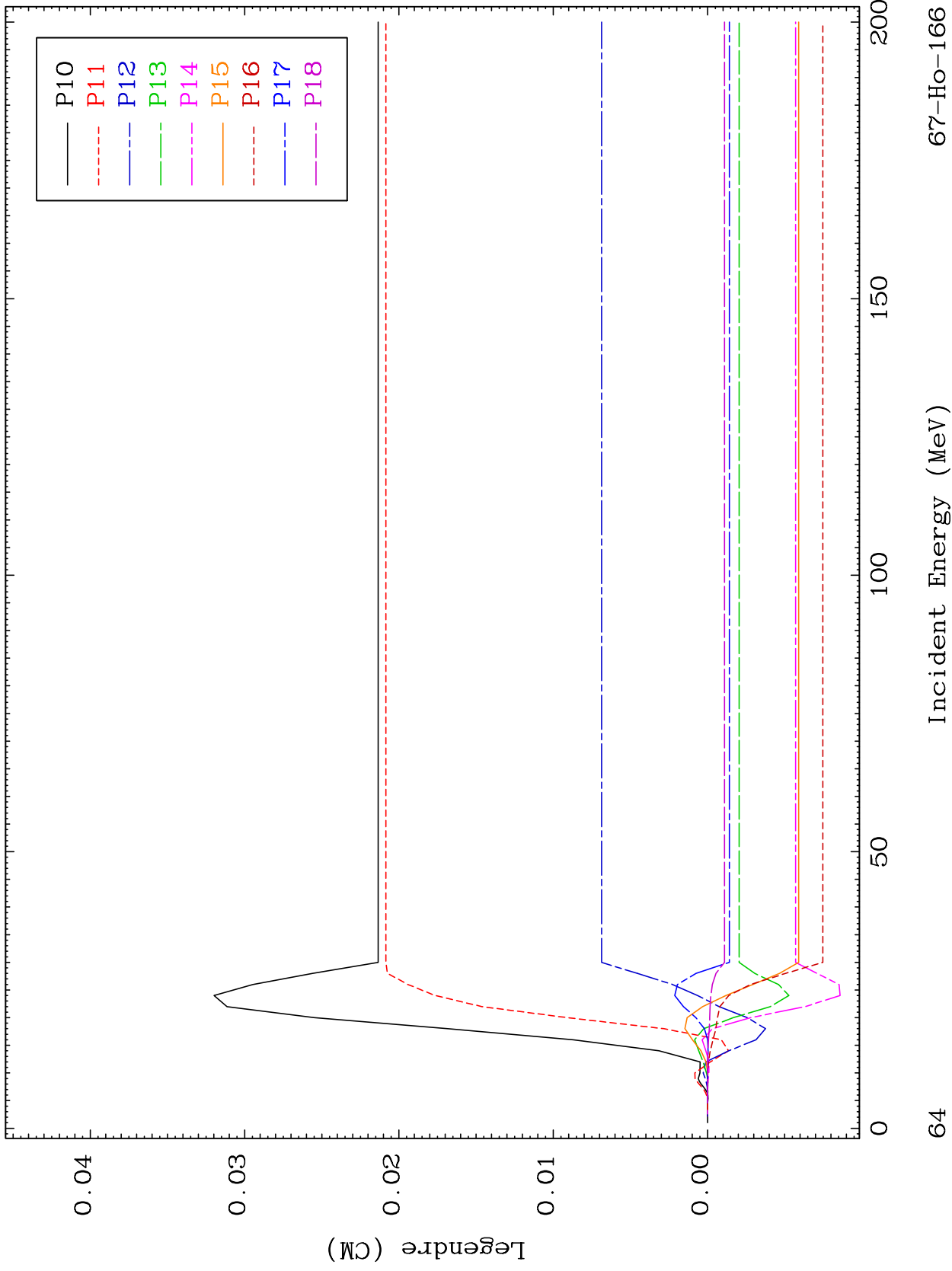
67-Ho-166



MAT 6728

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

67-Ho-166



64

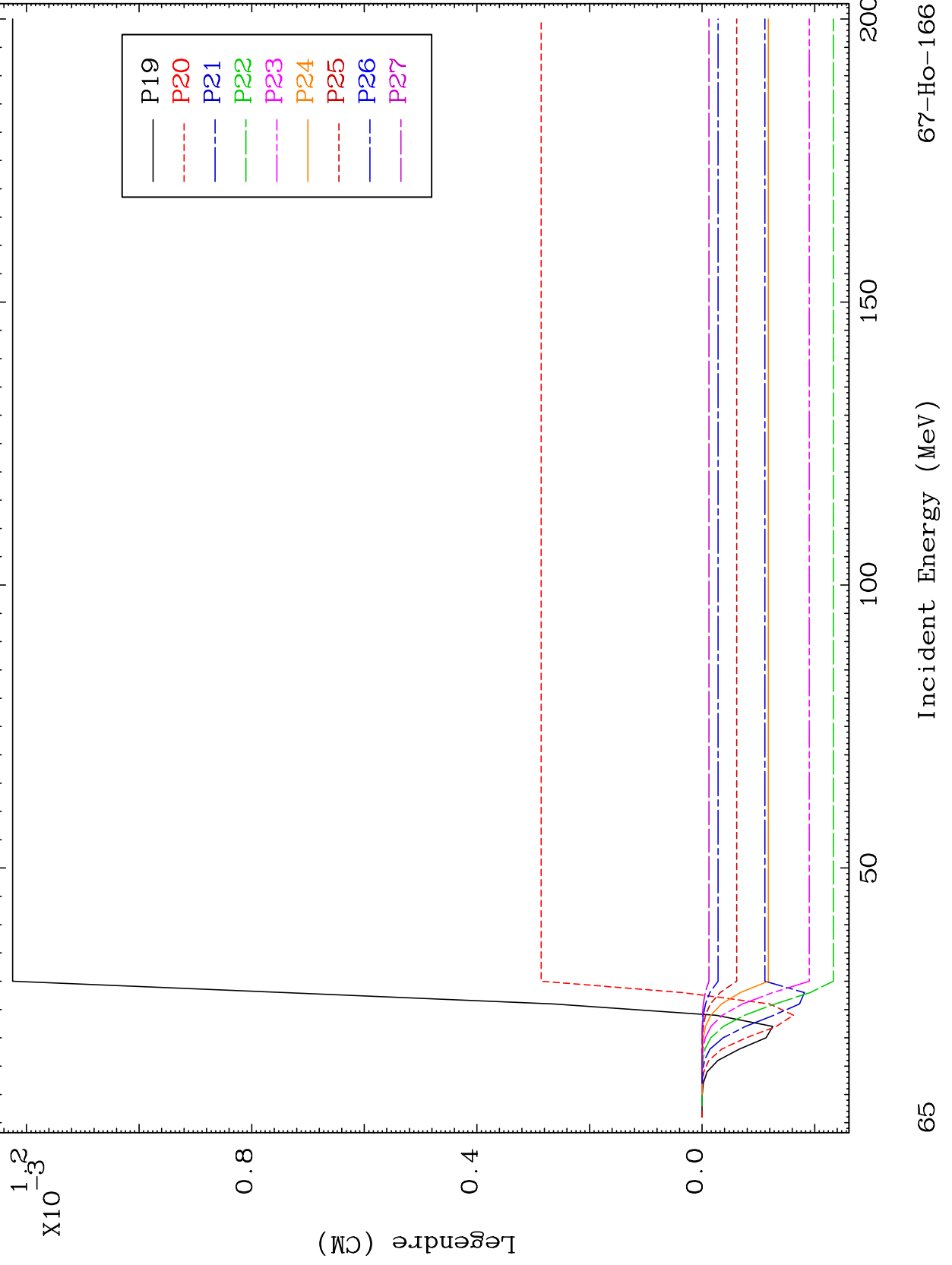
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

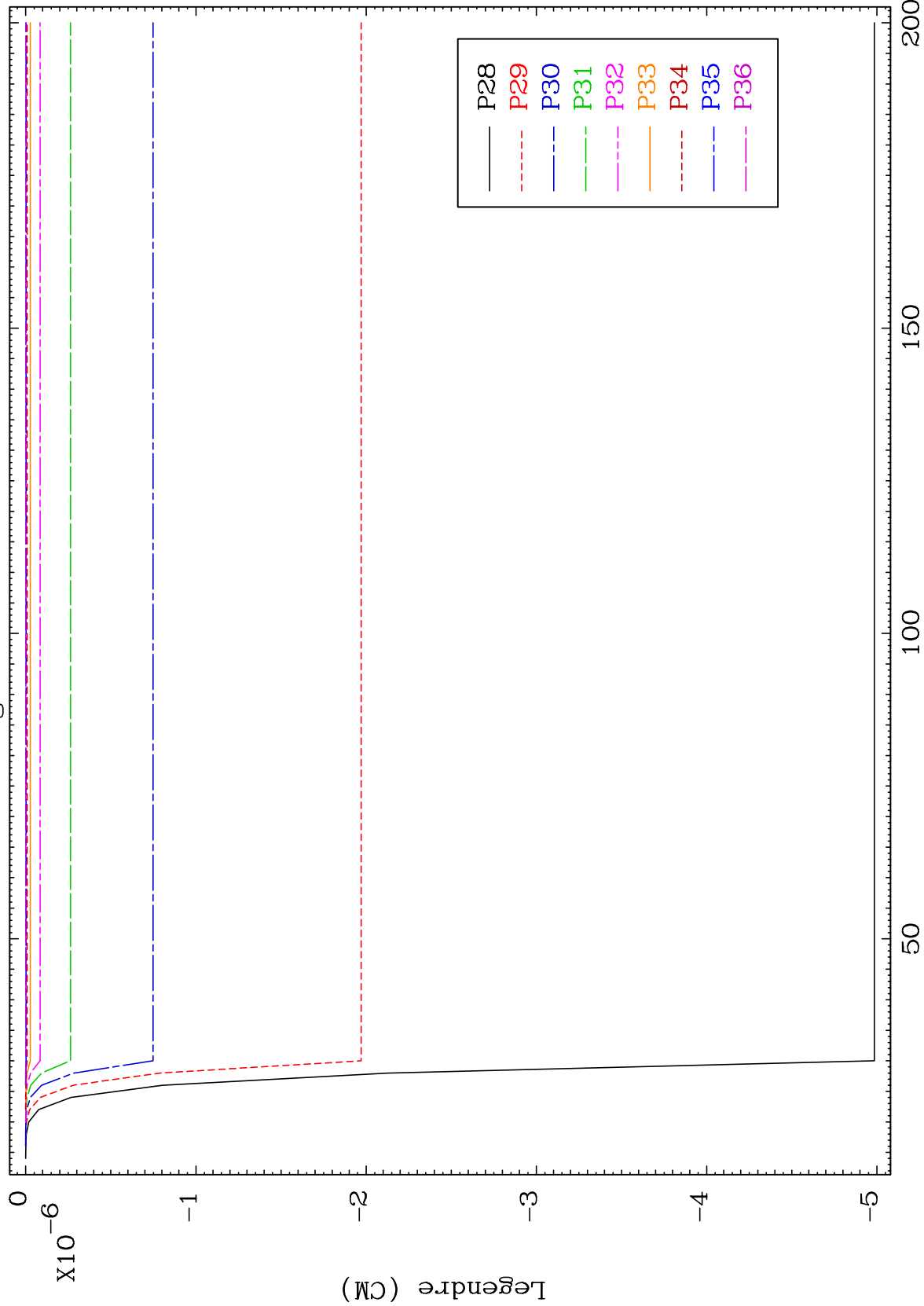
67-Ho-166



65

67-Ho-166

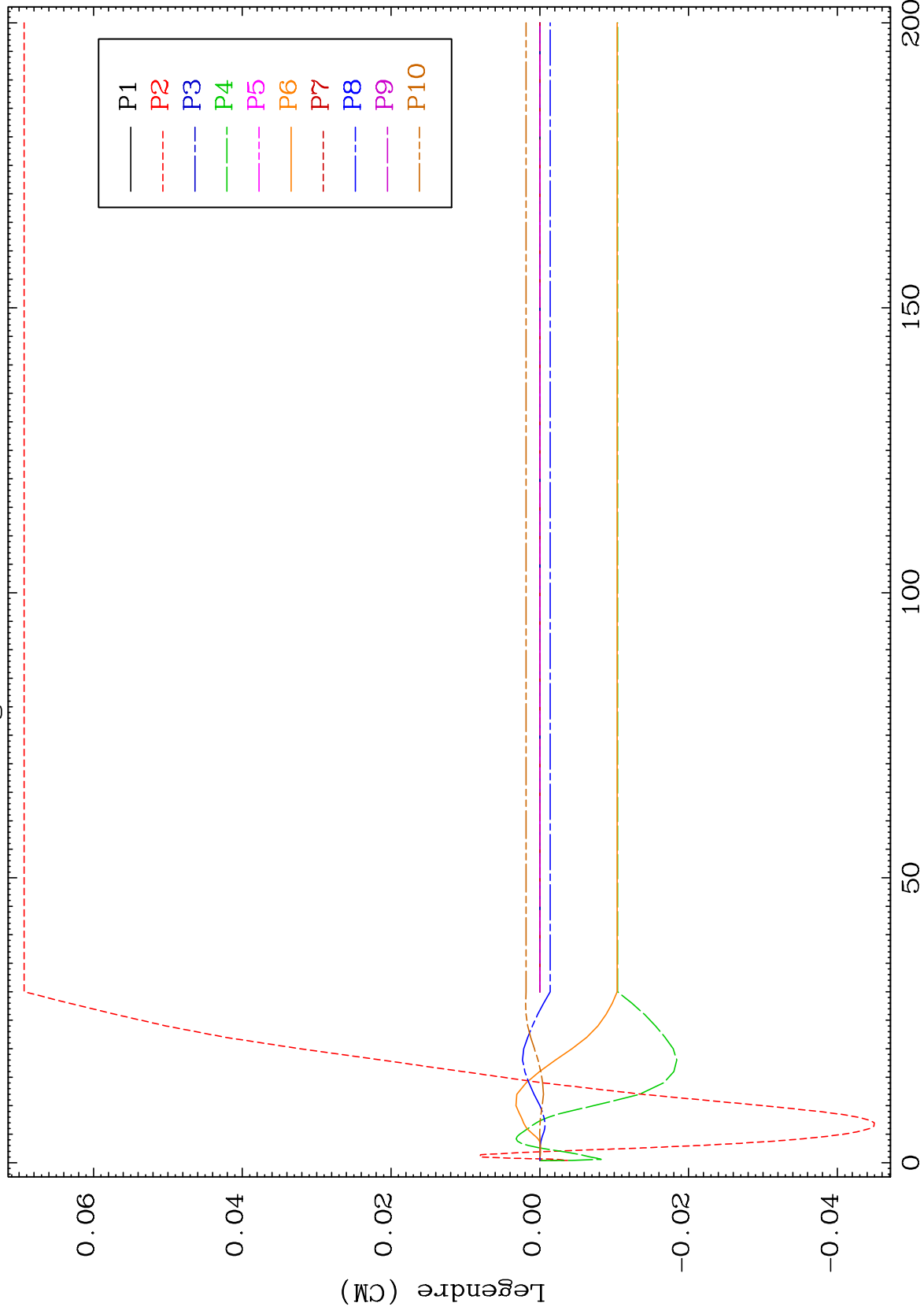
Legendre Coefficients



MAT 6728

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

67-Ho-166



67

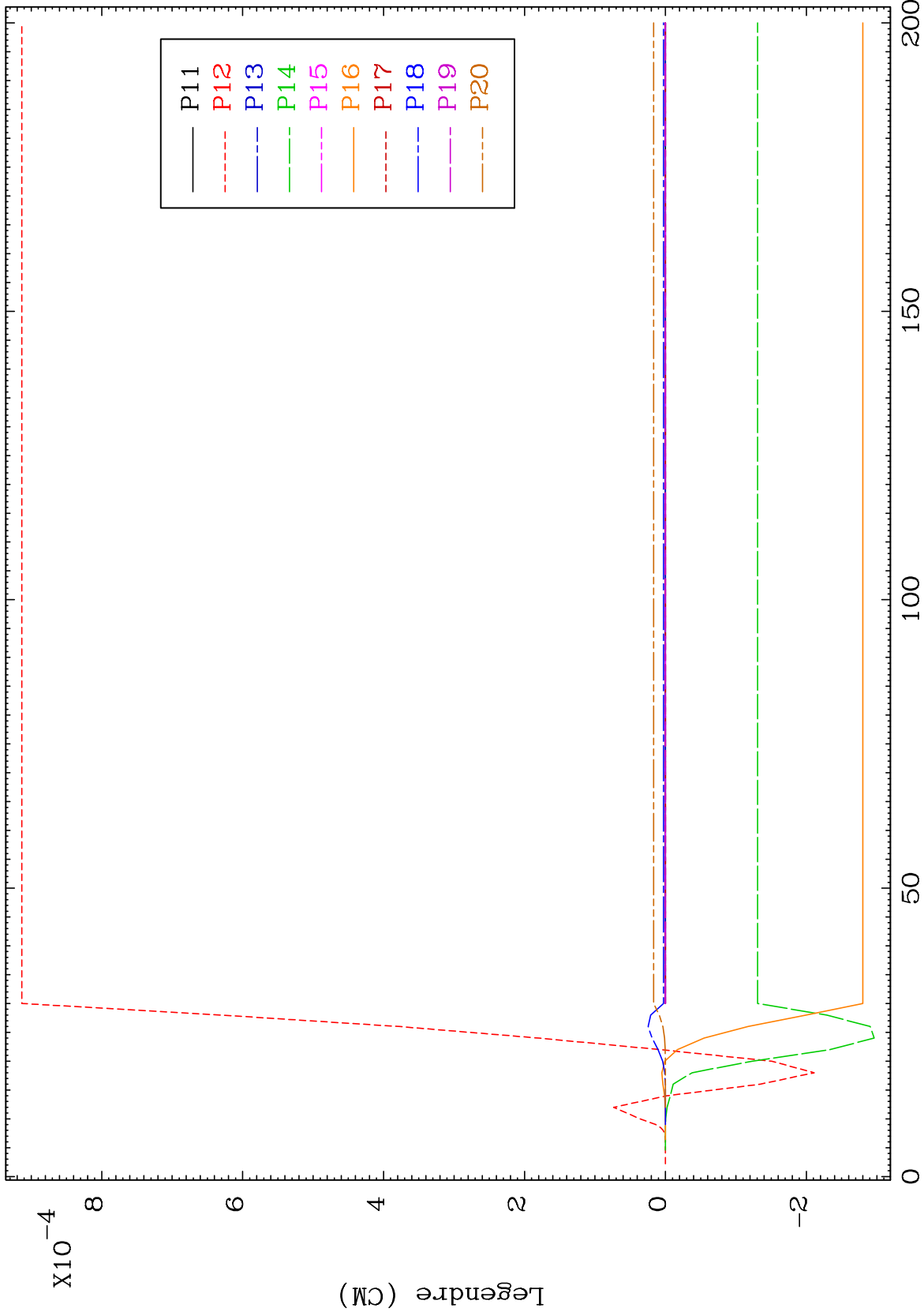
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

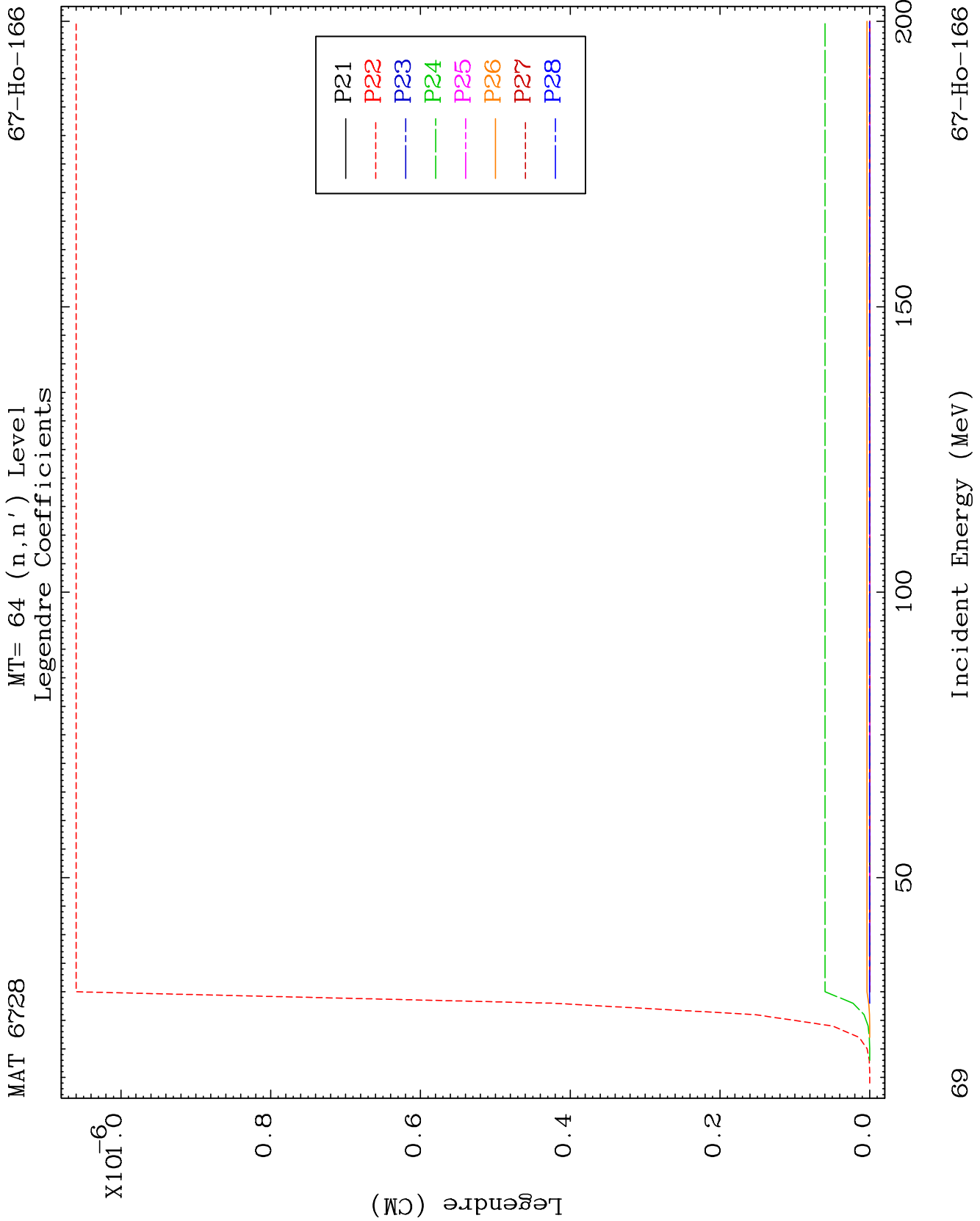
67-Ho-166



67-Ho-166

Incident Energy (MeV)

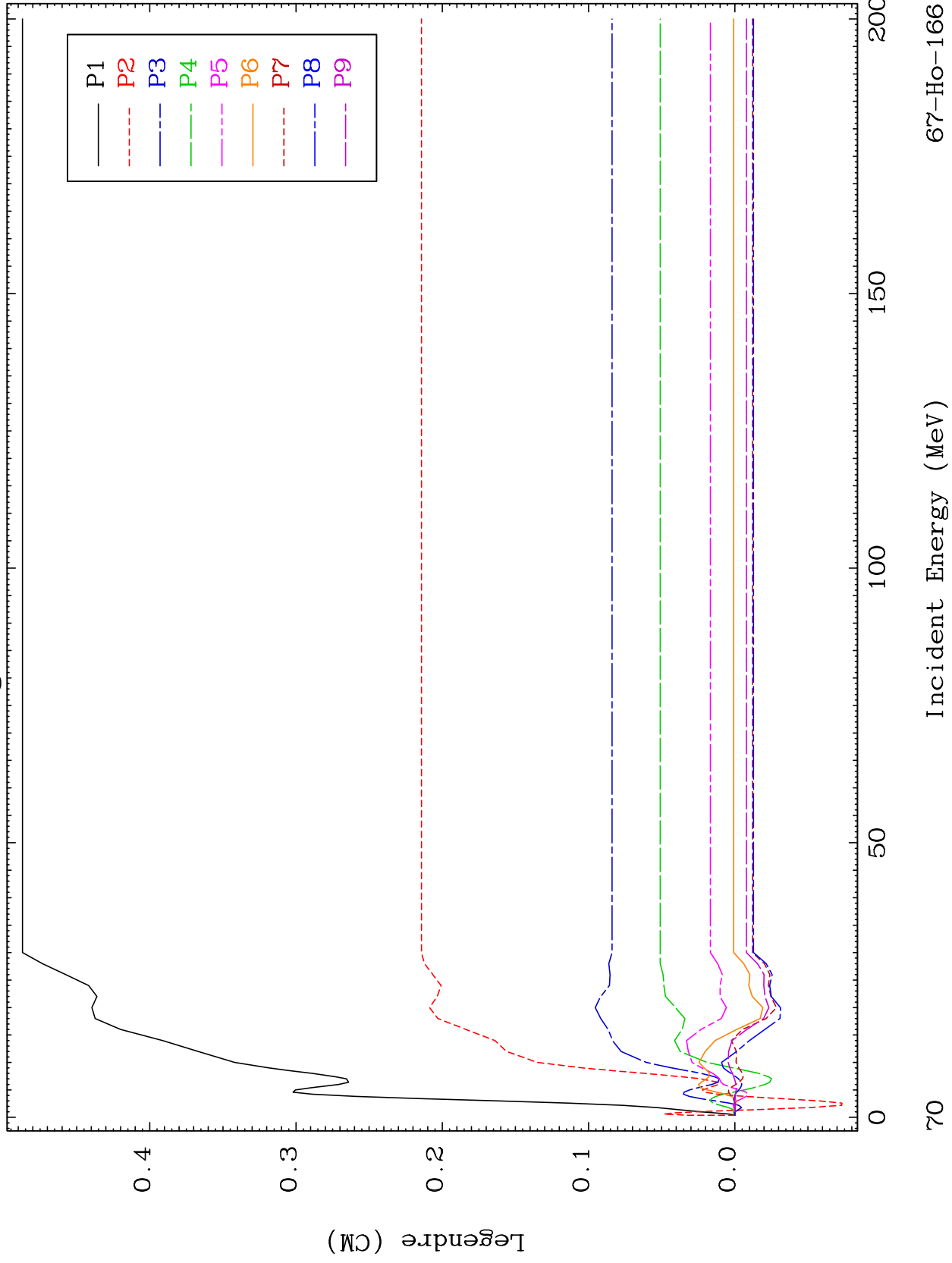
68



MAT 6728

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

67-Ho-166



67-Ho-166

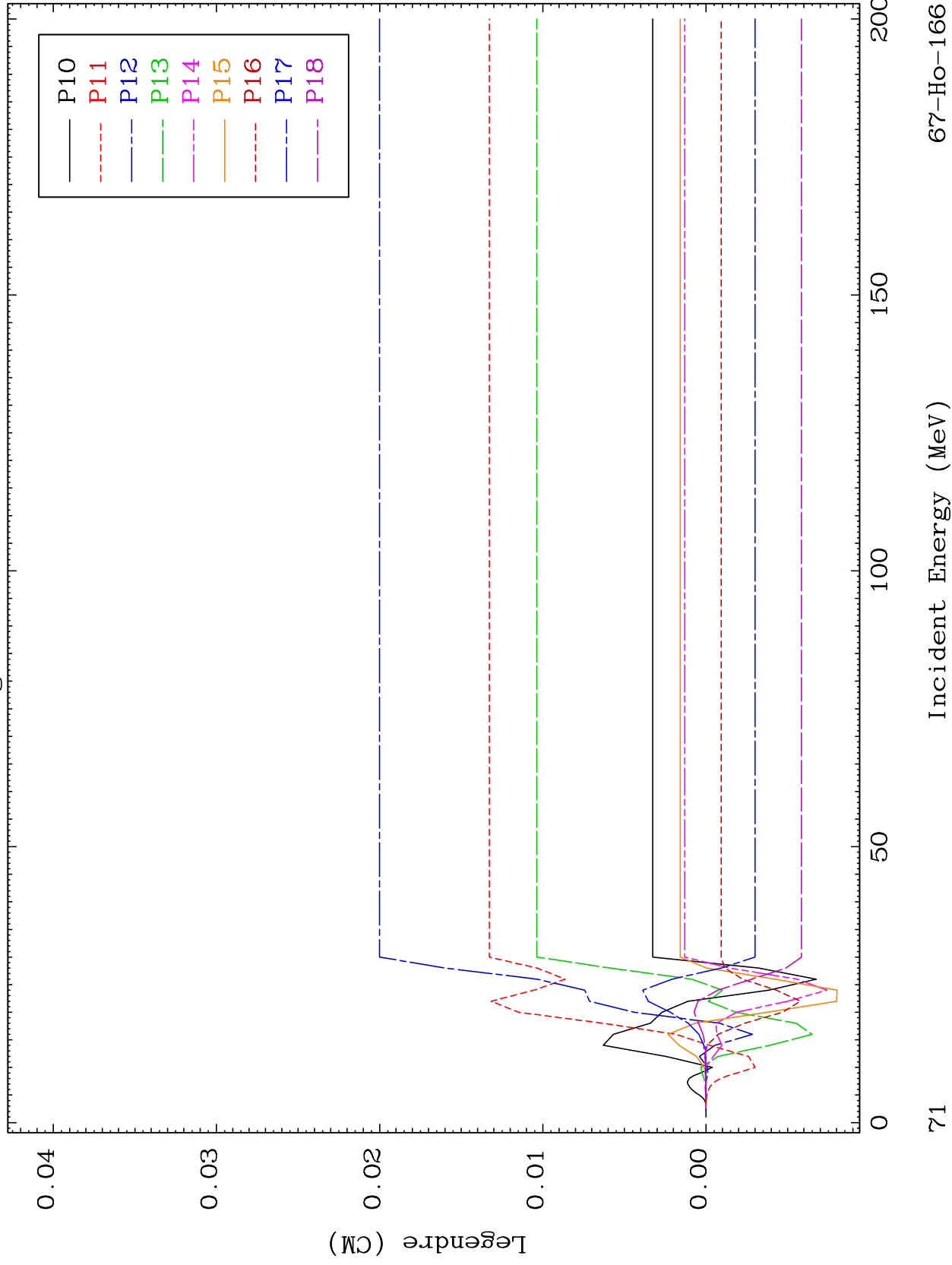
Incident Energy (MeV)

70

MAT 6728

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

67-Ho-166



71

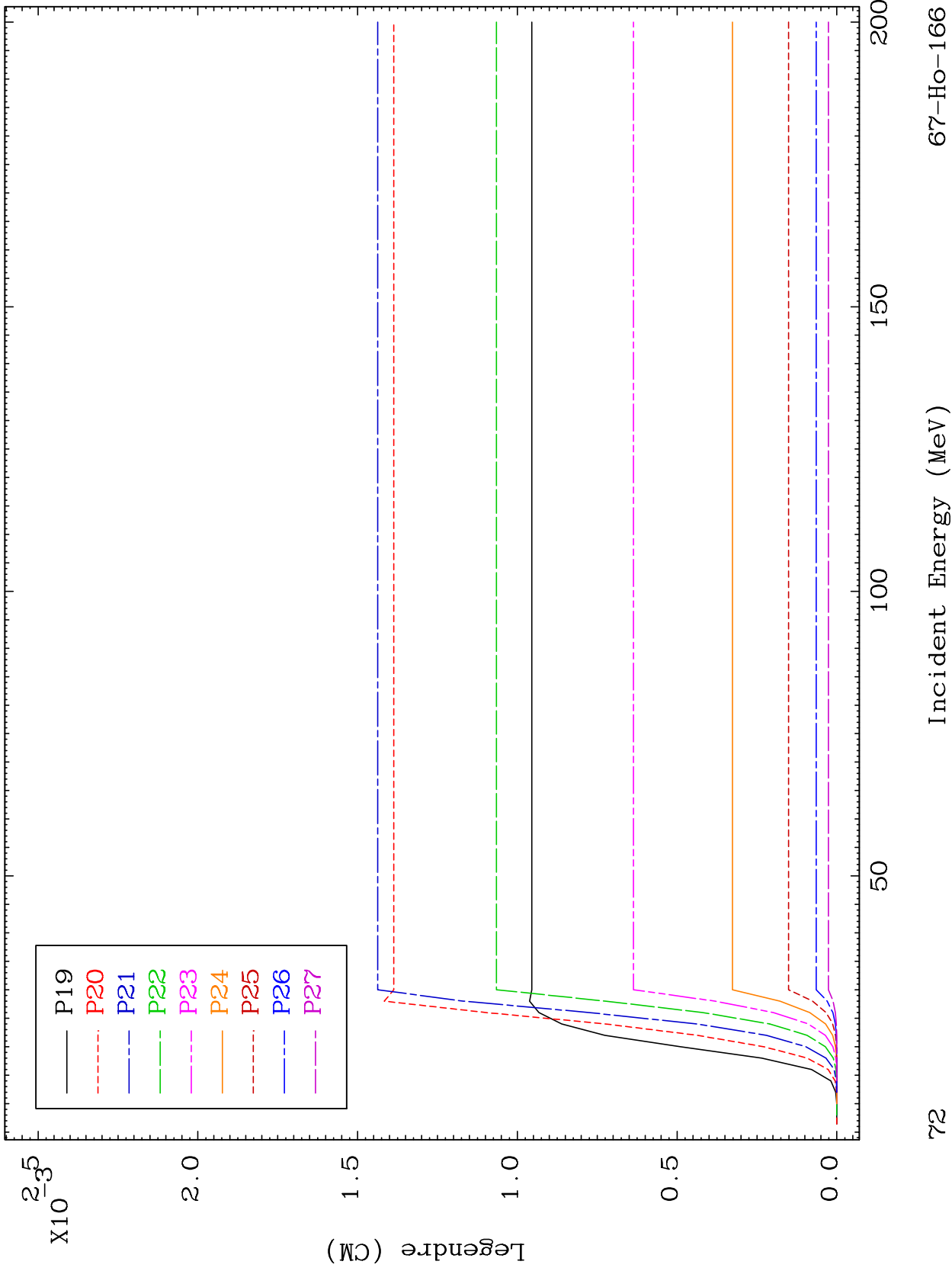
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

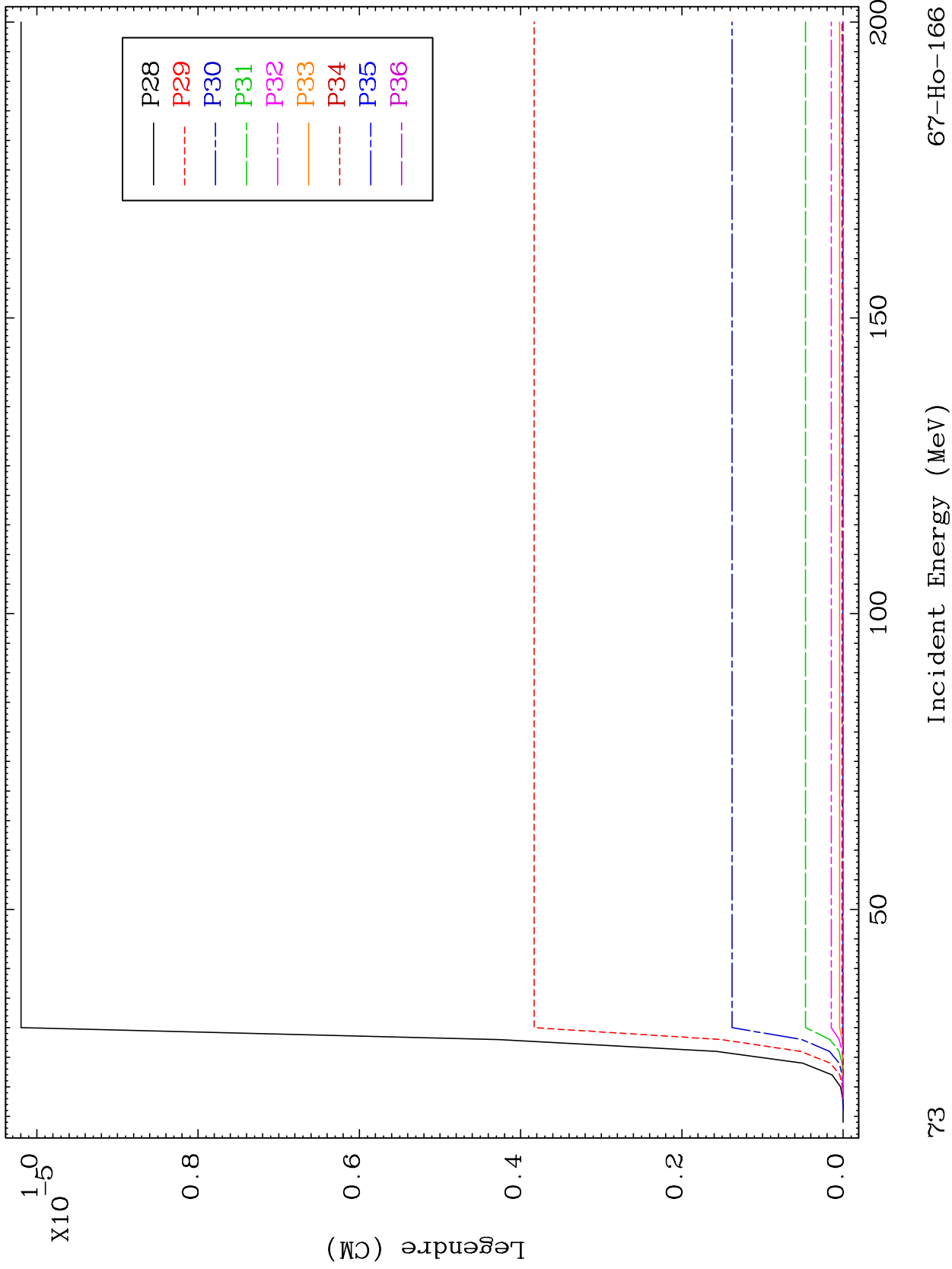
67-Ho-166



MAT 6728

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

67-Ho-166



73

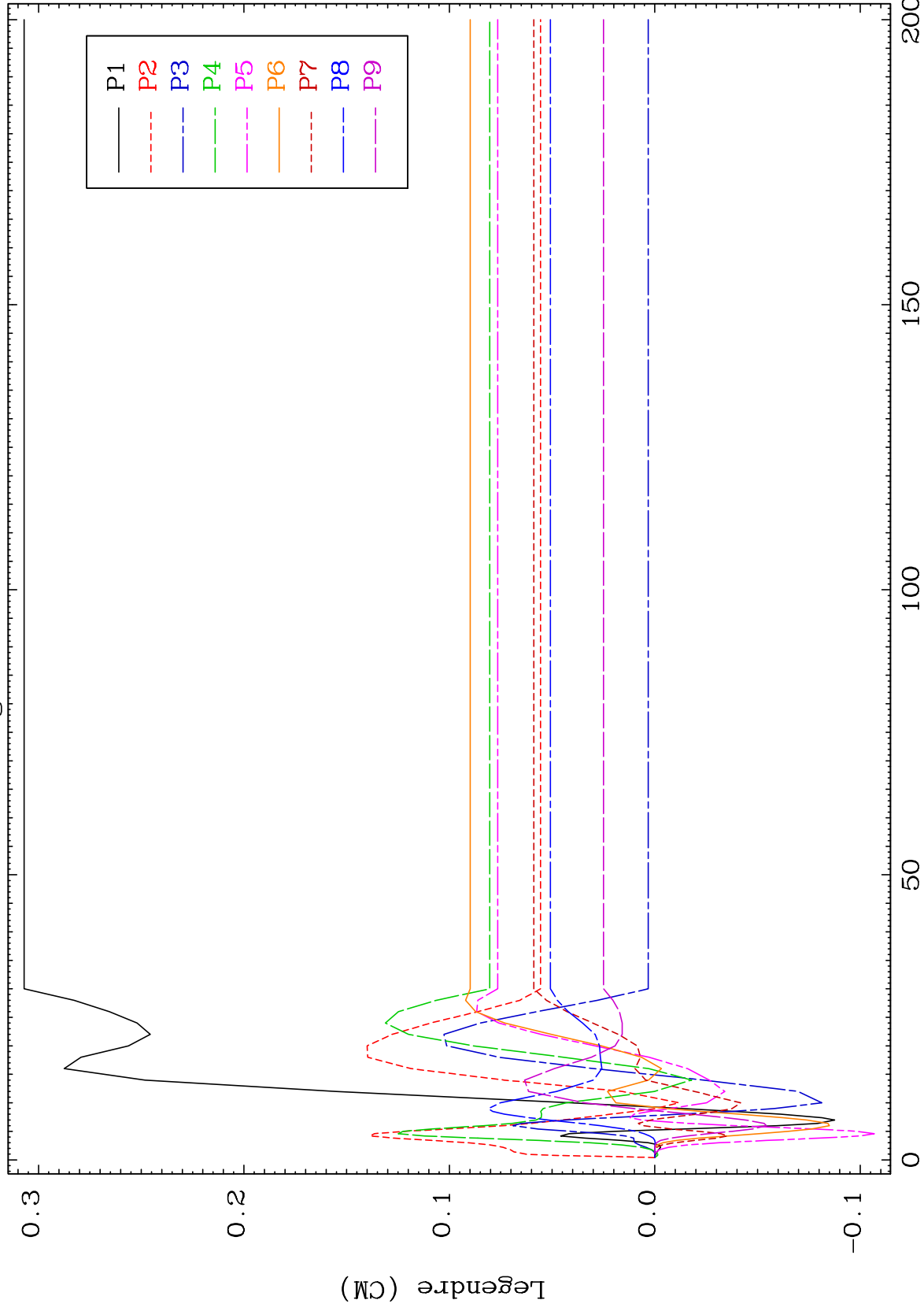
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



74

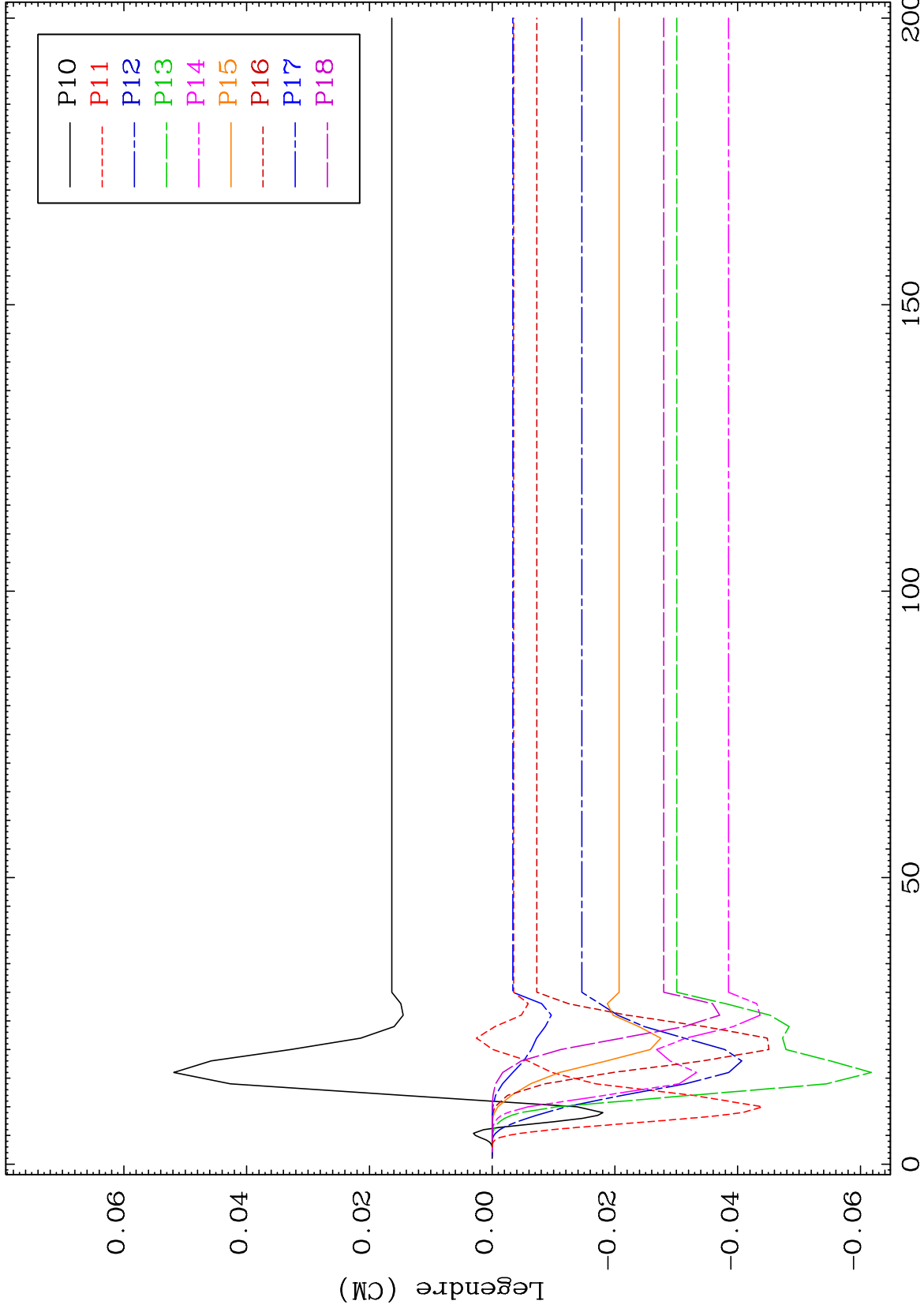
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



75

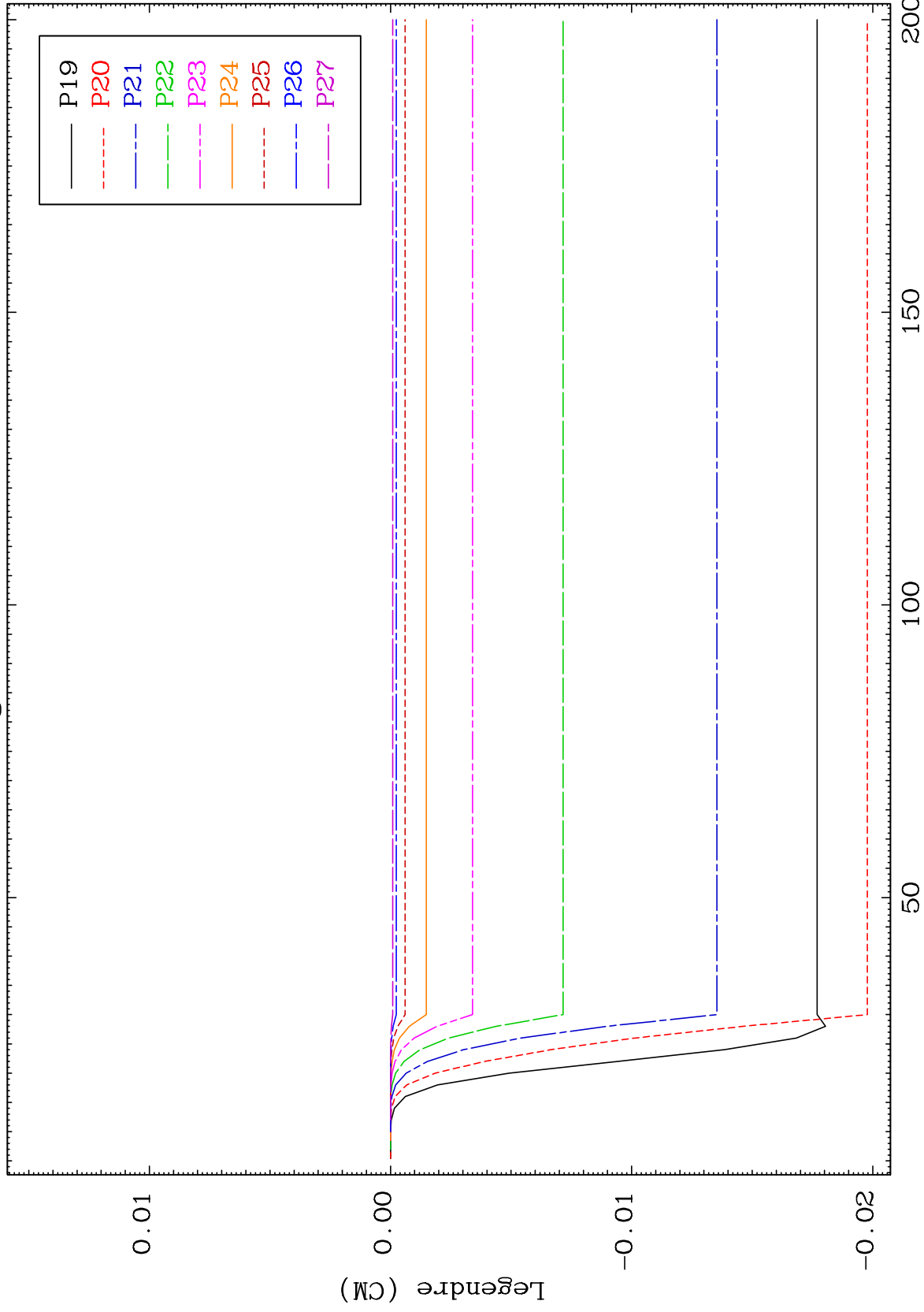
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



76

Incident Energy (MeV)

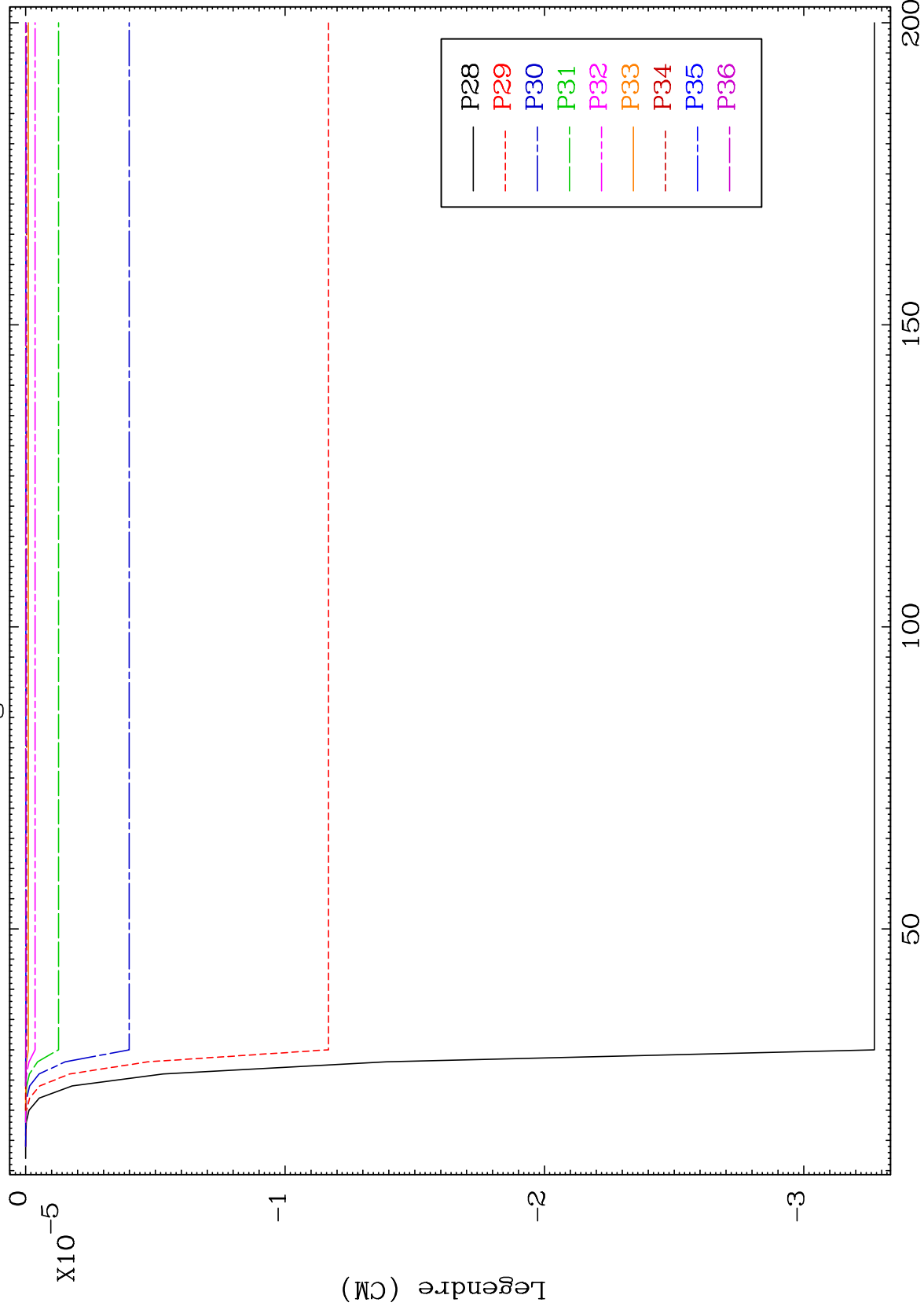
67-Ho-166

MAT 6728

MT= 66 (n,n') Level

67-Ho-166

Legendre Coefficients



67-Ho-166

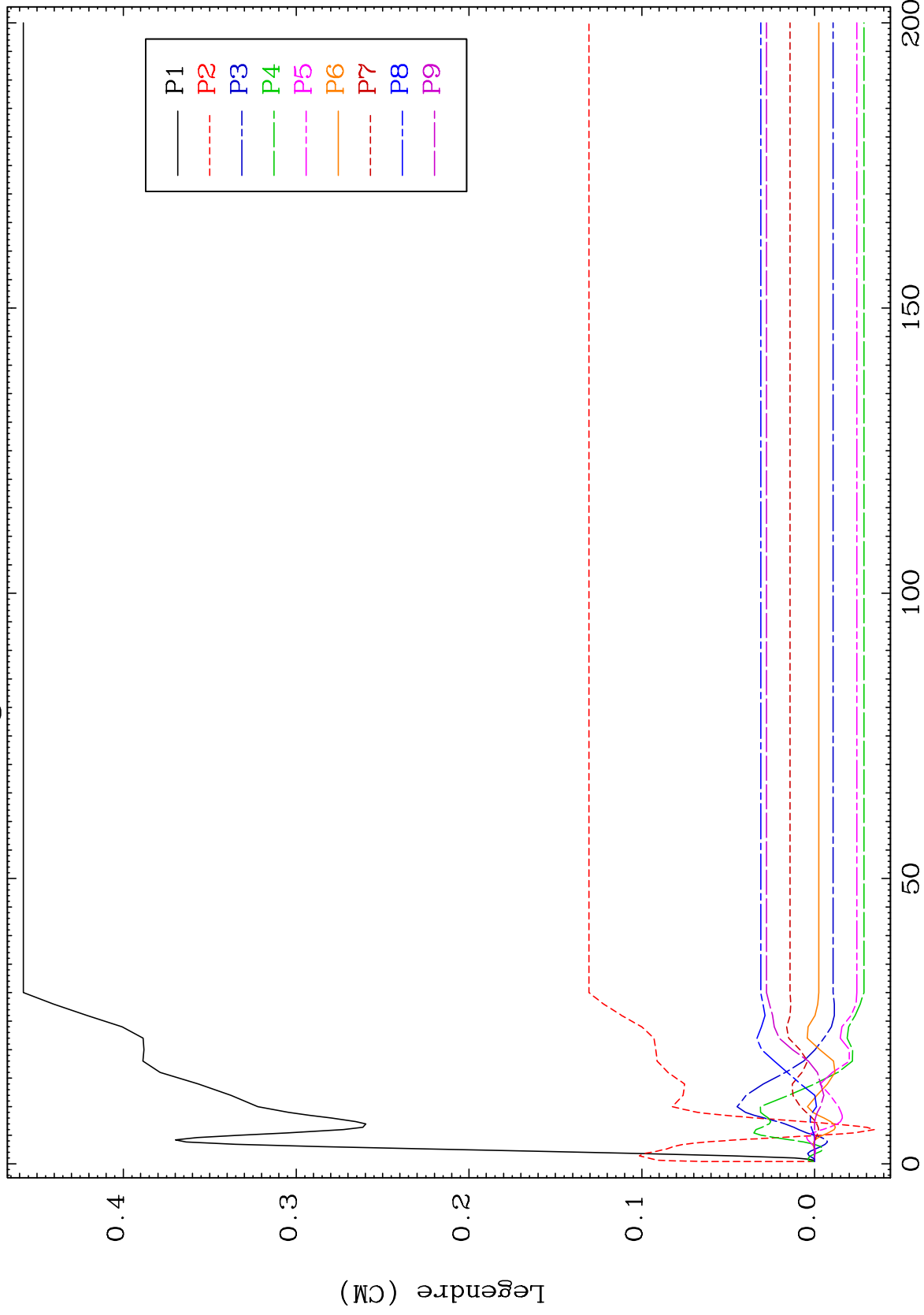
Incident Energy (MeV)

77

MAT 6728

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

67-Ho-166



78

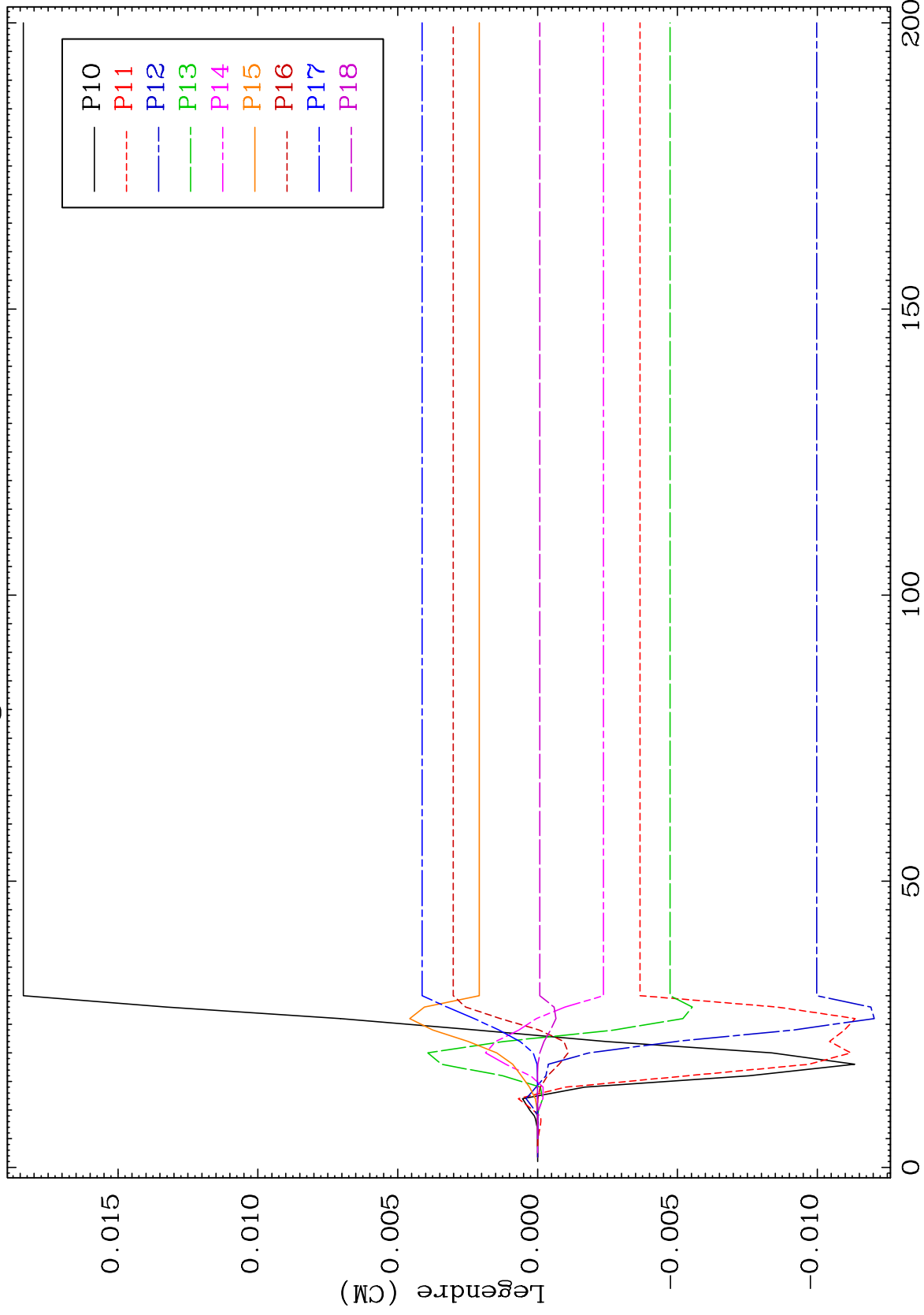
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



79

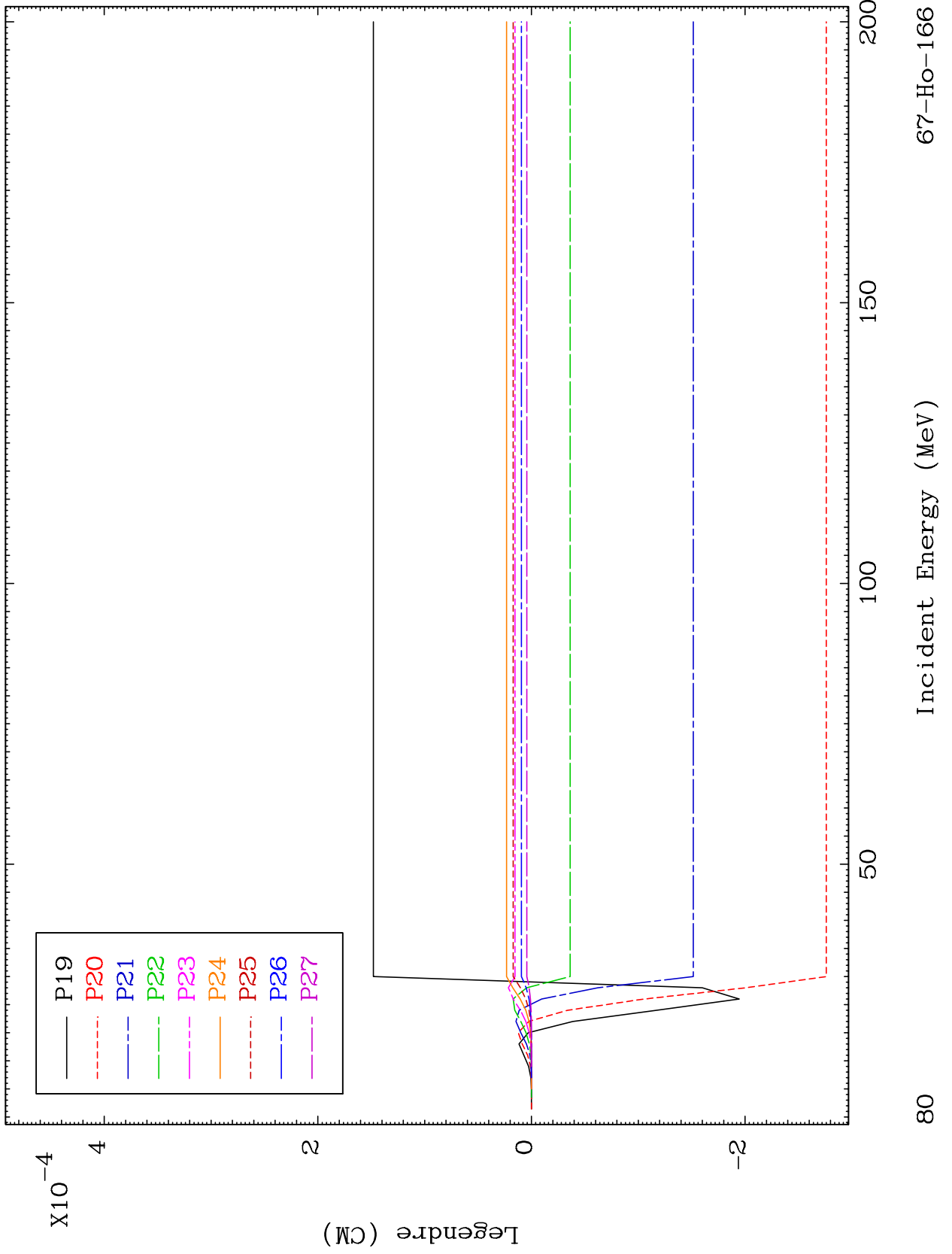
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



67-Ho-166

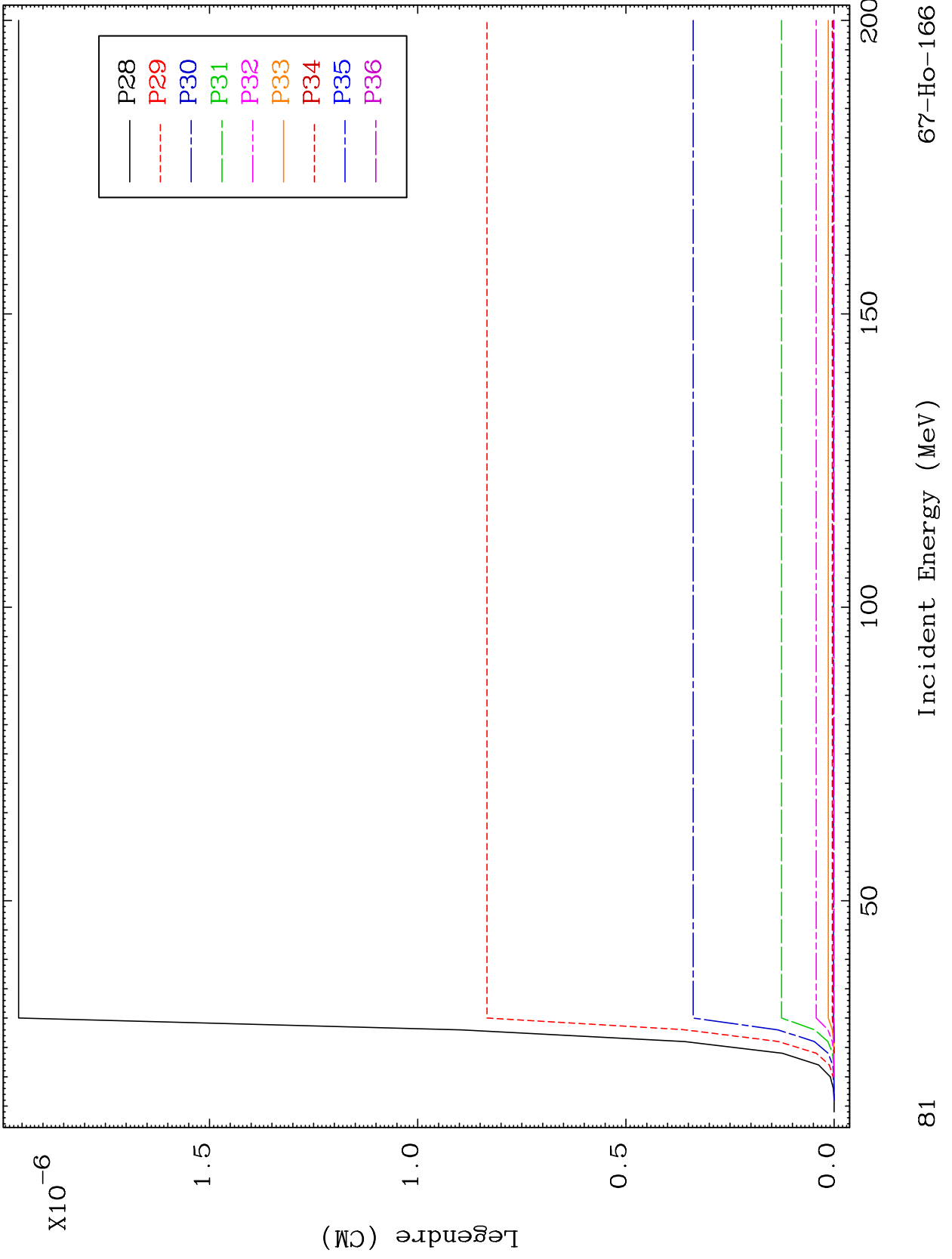
Incident Energy (MeV)

80

MAT 6728

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

67-Ho-166



81

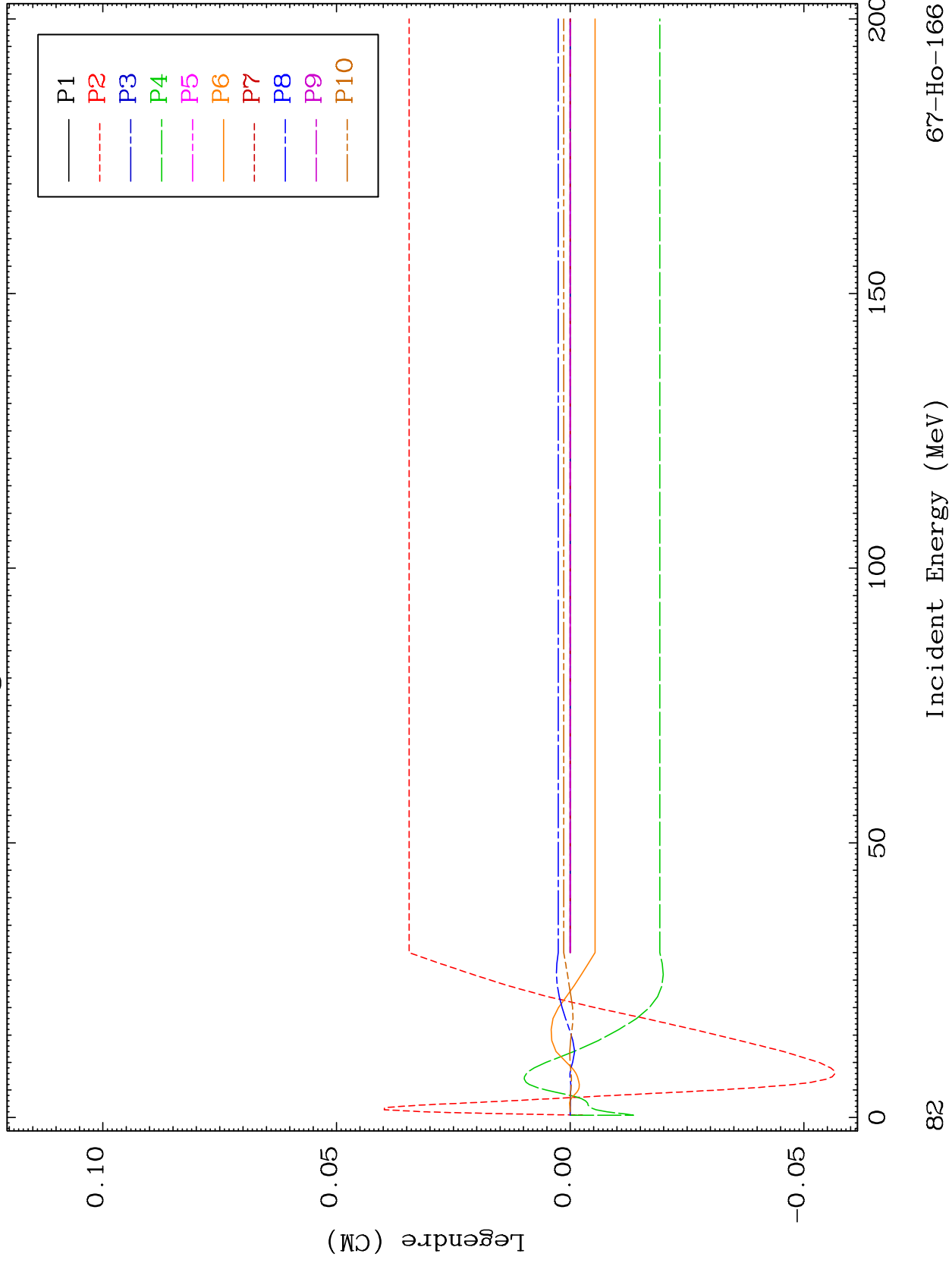
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



67-Ho-166

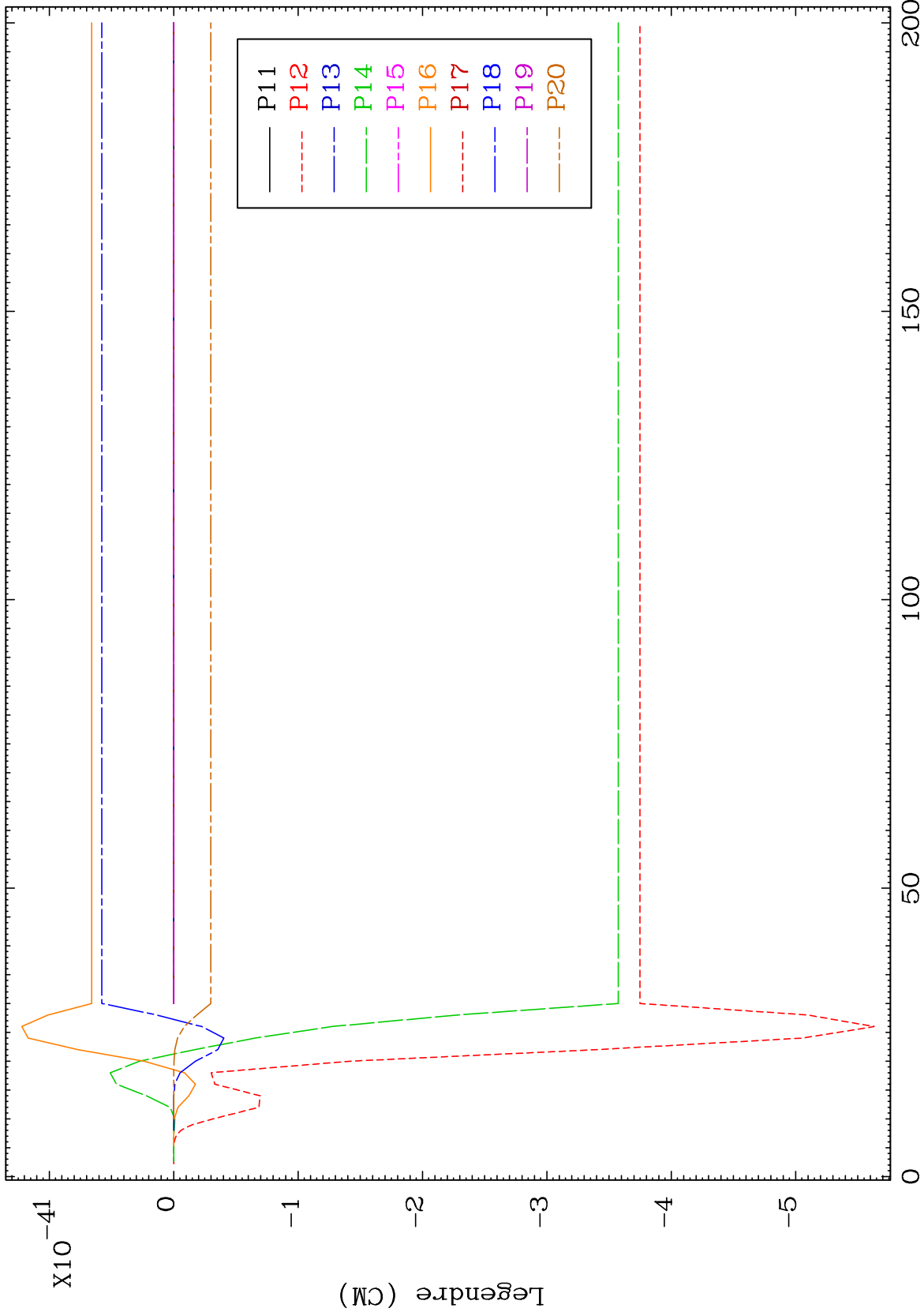
Incident Energy (MeV)

82

MAT 6728

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

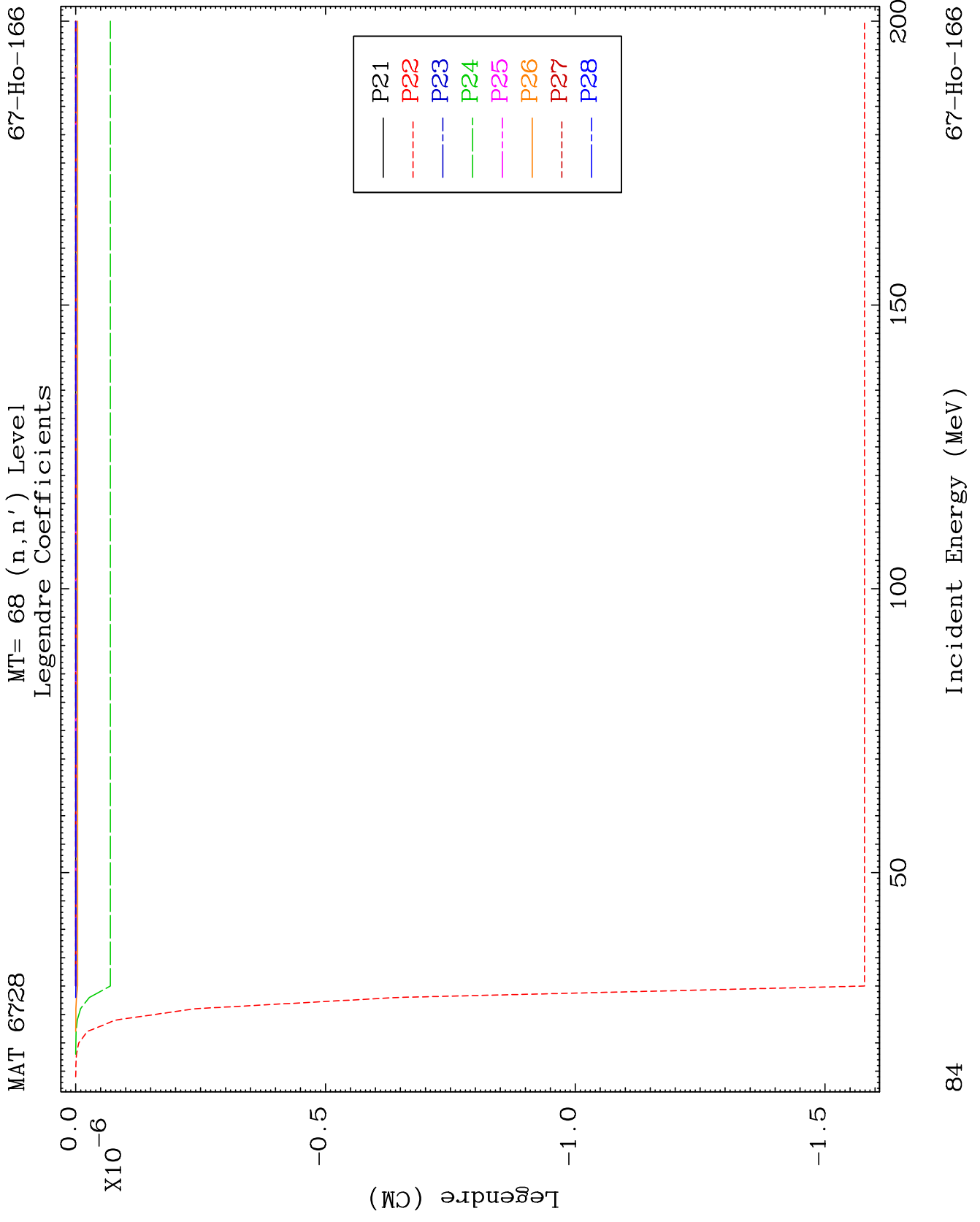
67-Ho-166



83

Incident Energy (MeV)

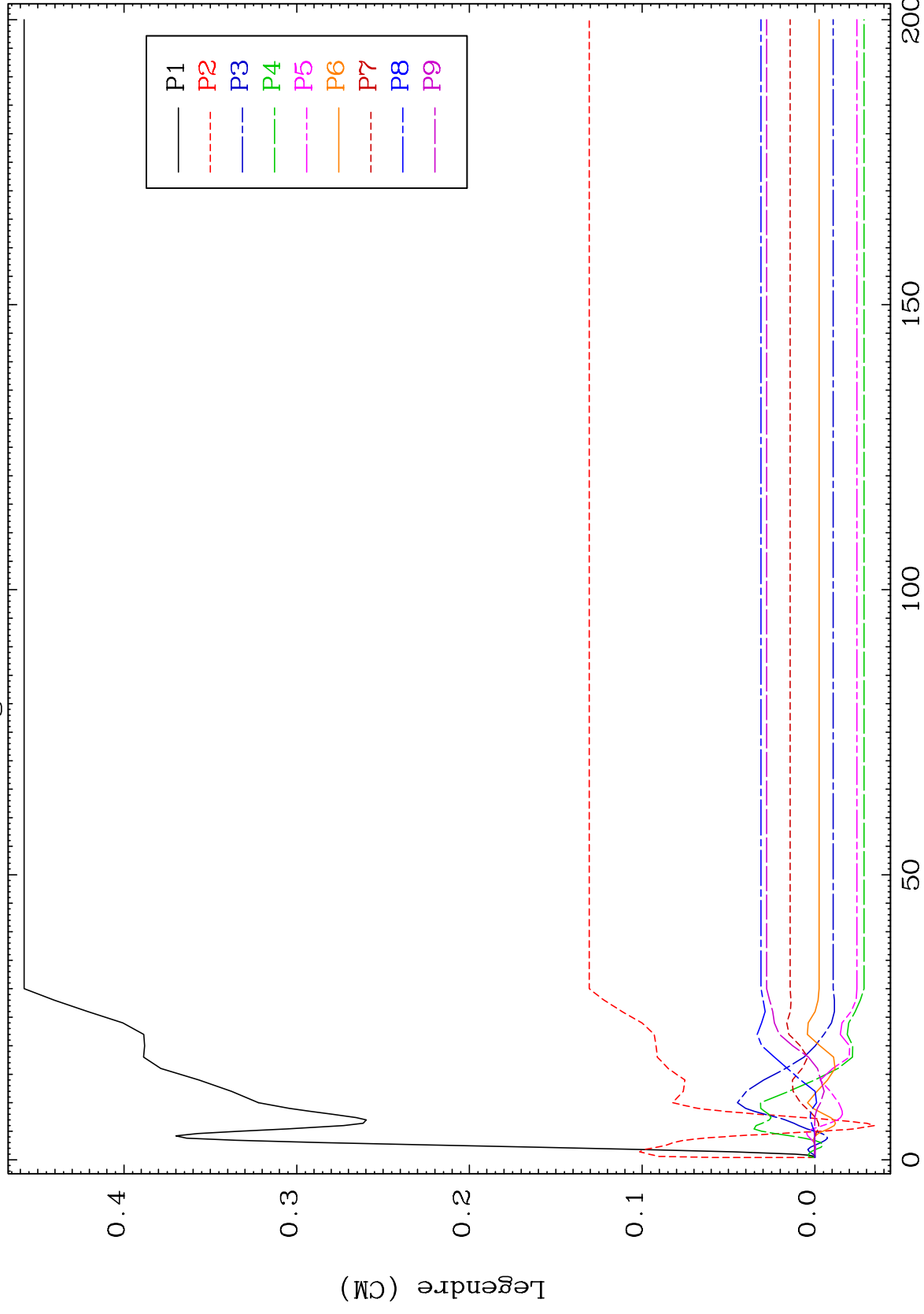
67-Ho-166



MAT 6728

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

67-Ho-166



85

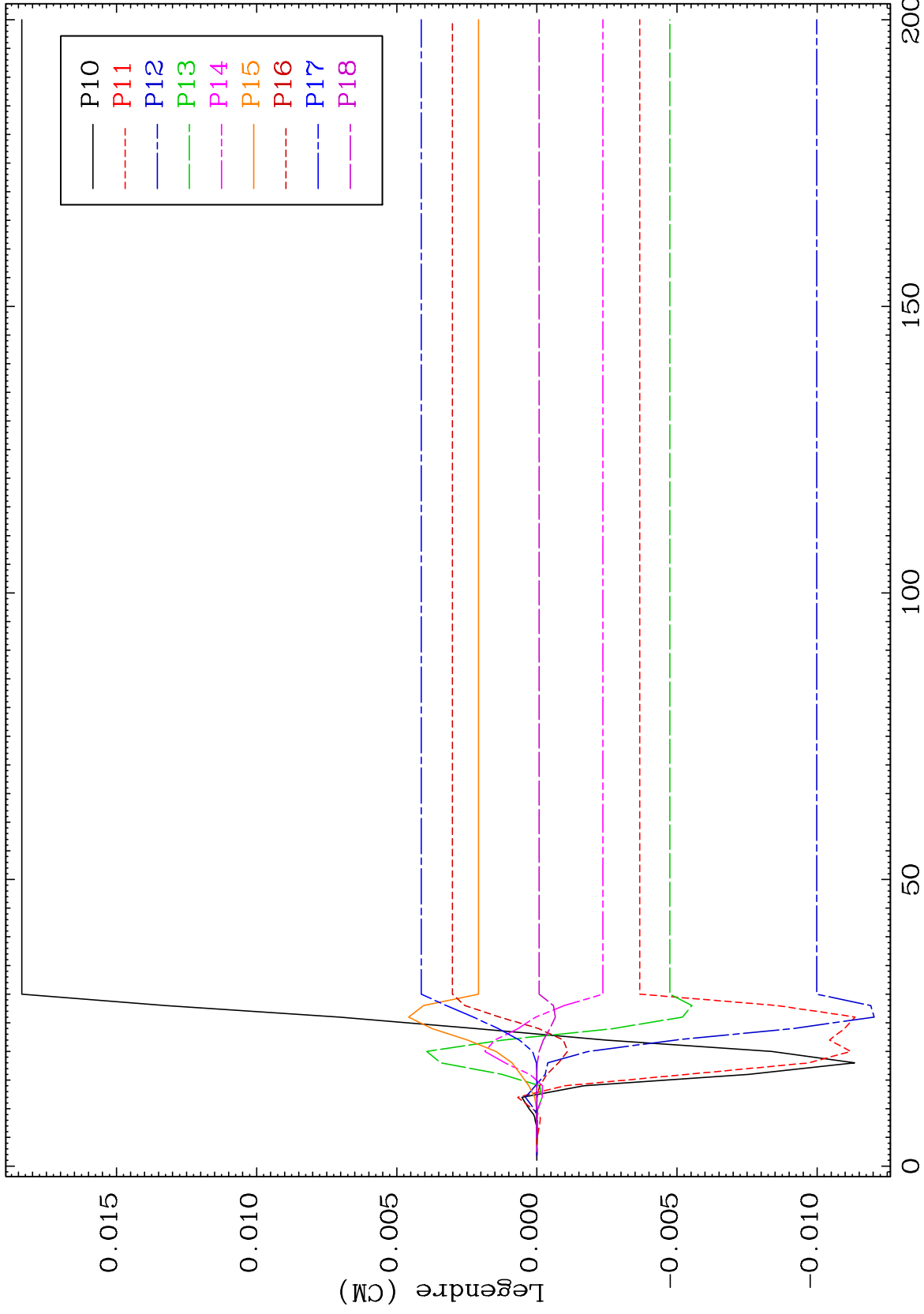
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



86

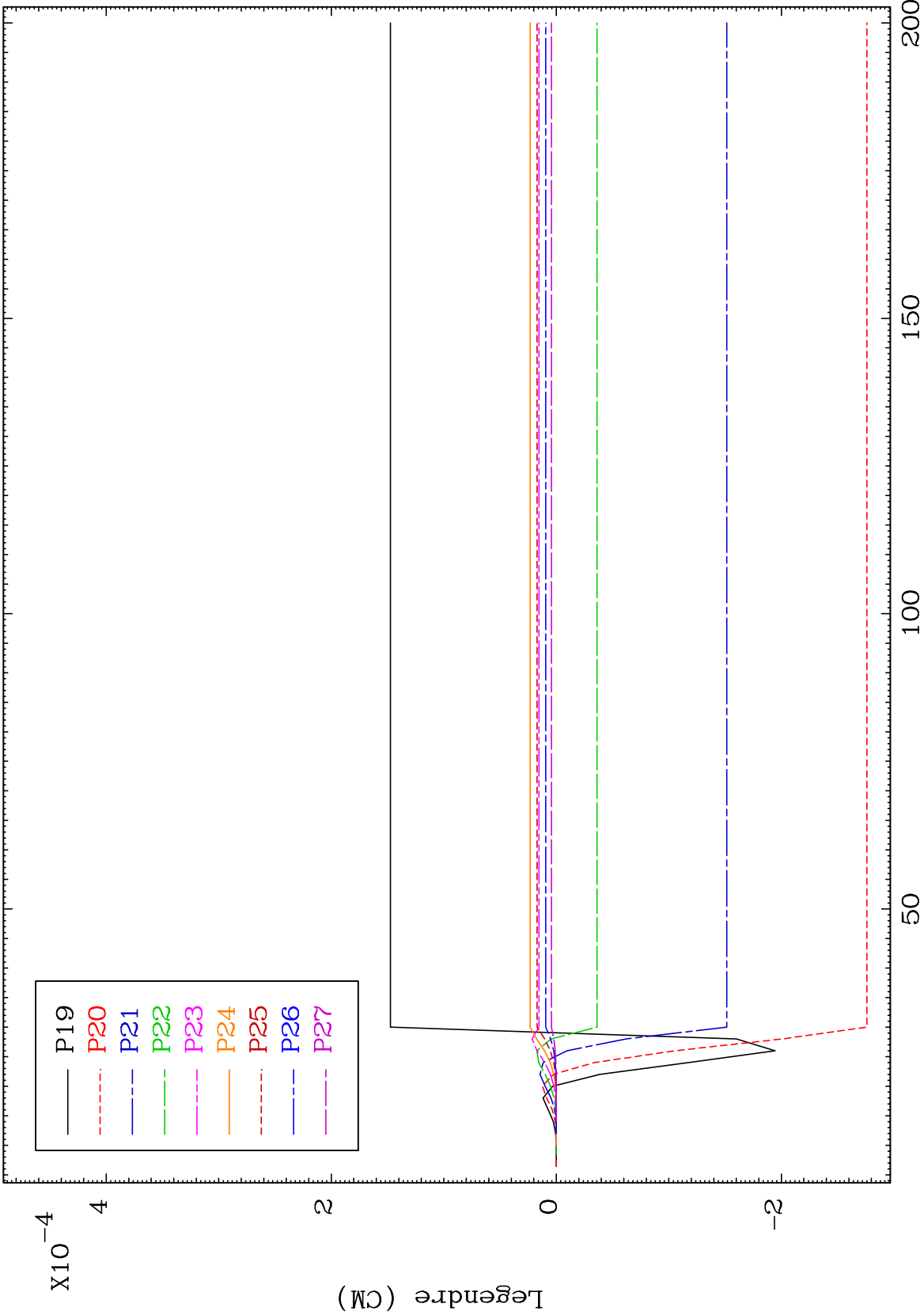
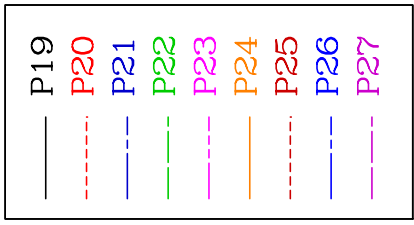
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



87

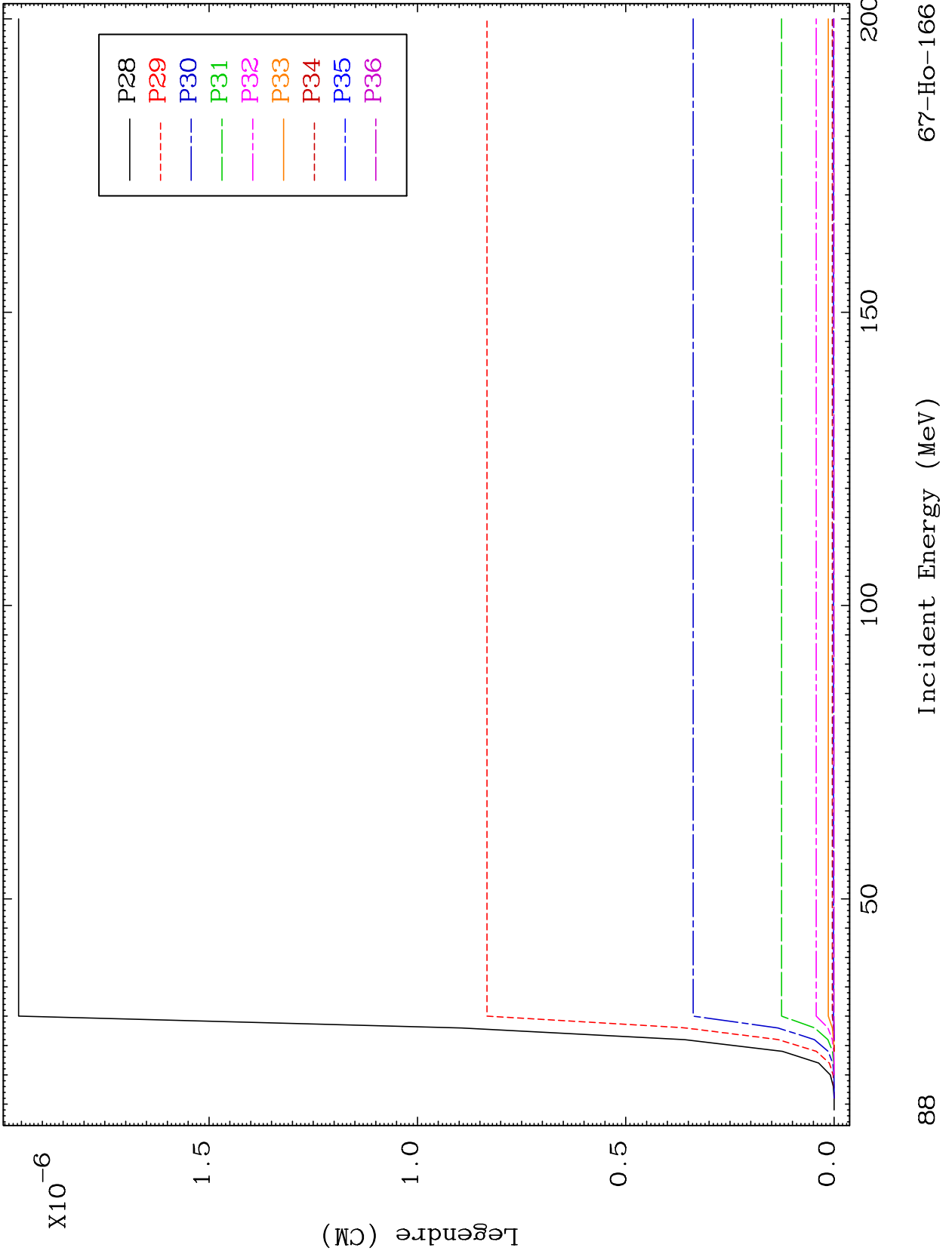
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



88

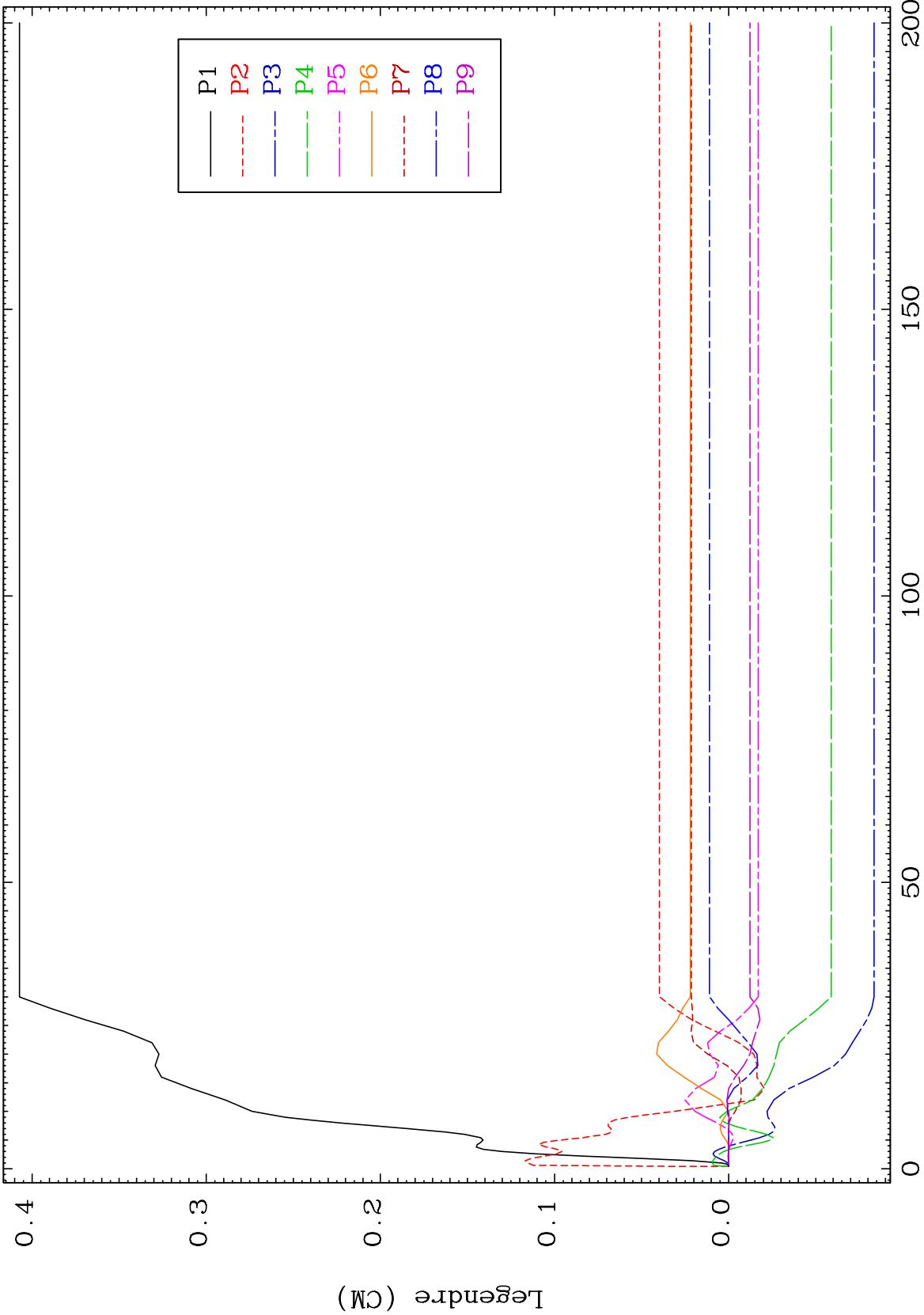
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



67-Ho-166

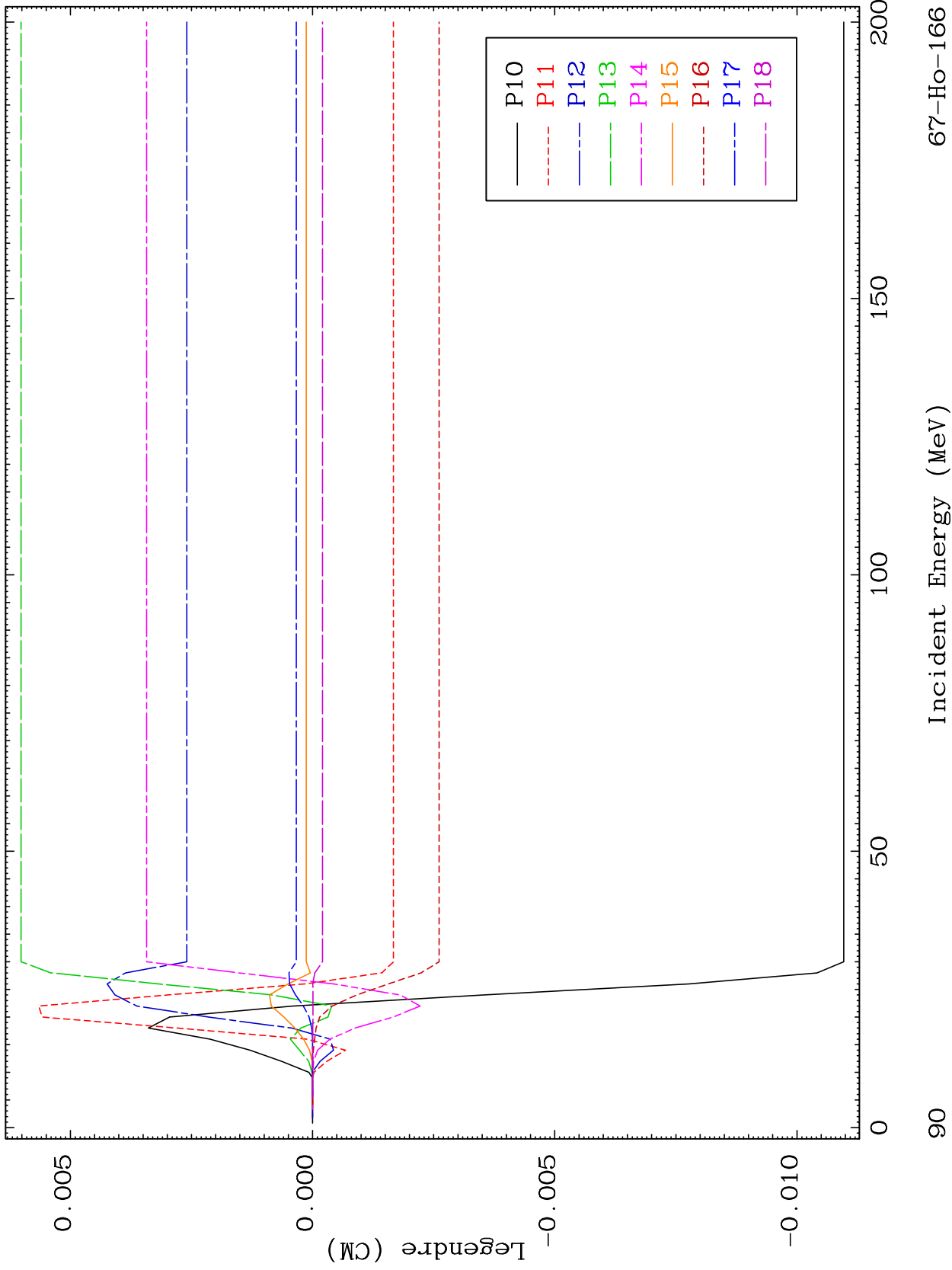
Incident Energy (MeV)

89

MAT 6728

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

67-Ho-166



67-Ho-166

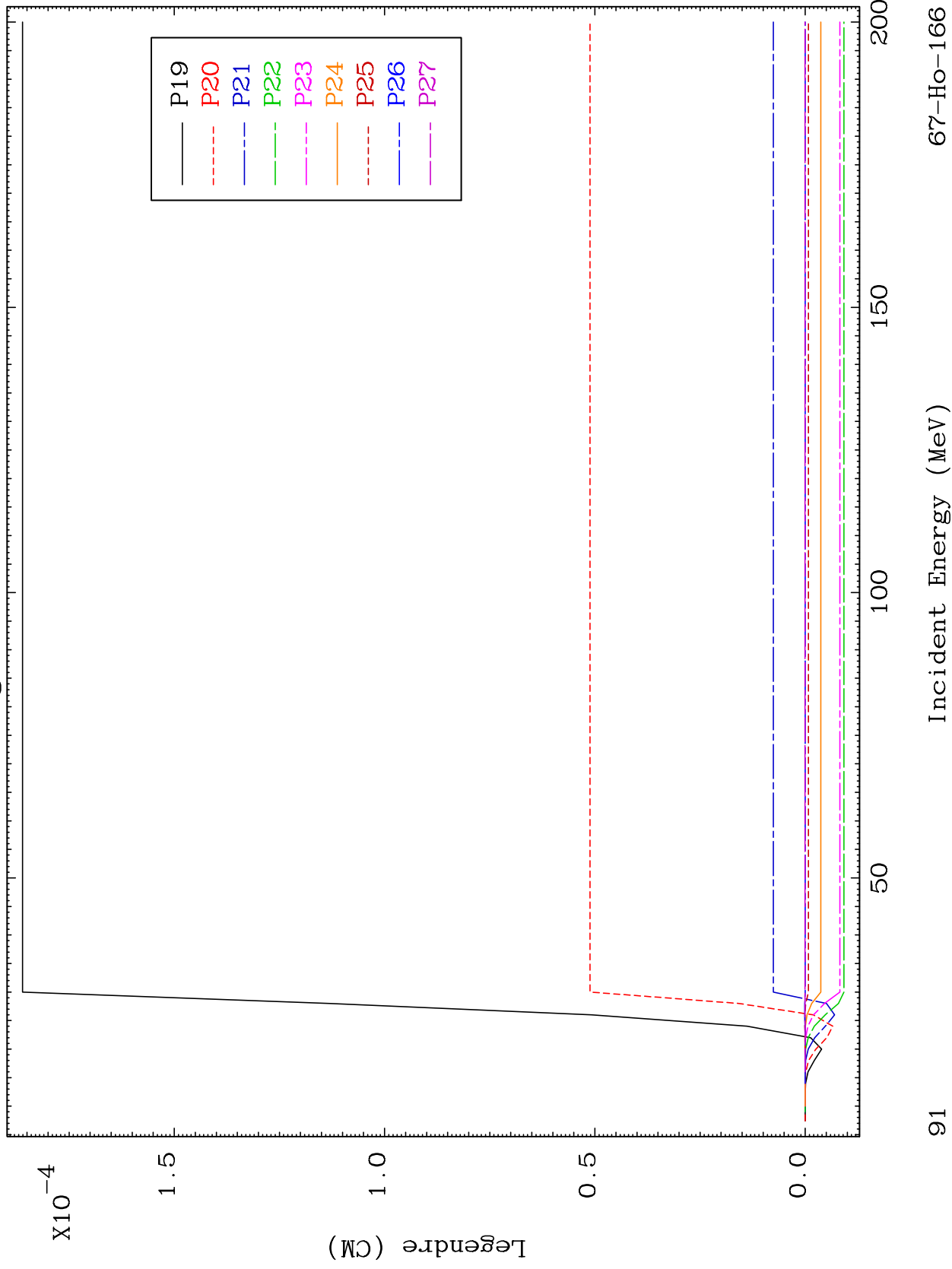
Incident Energy (MeV)

90

MAT 6728

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

67-Ho-166



91

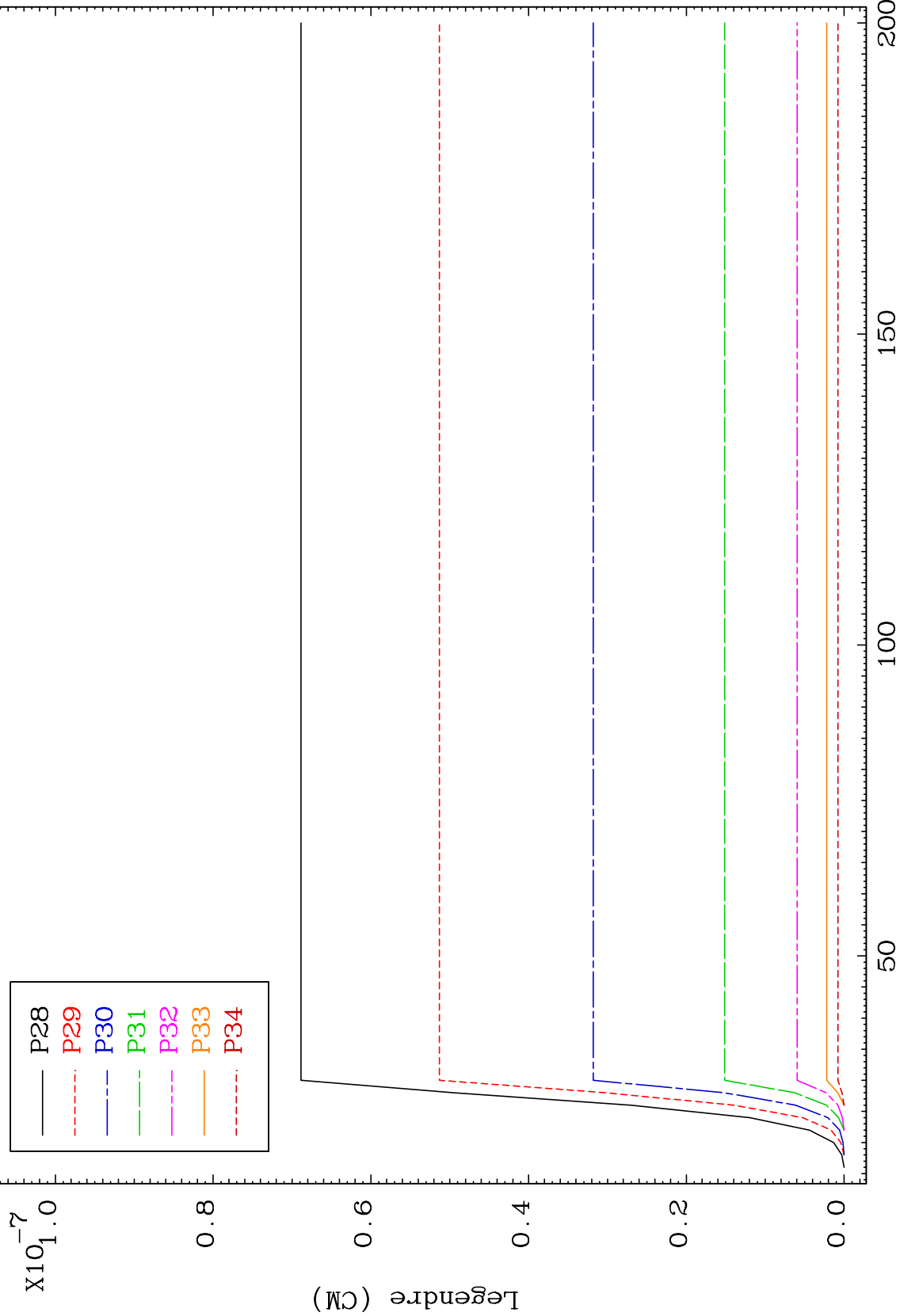
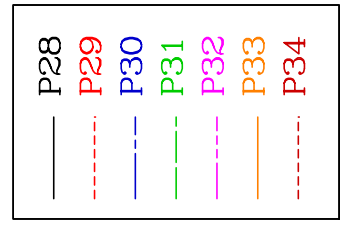
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



92

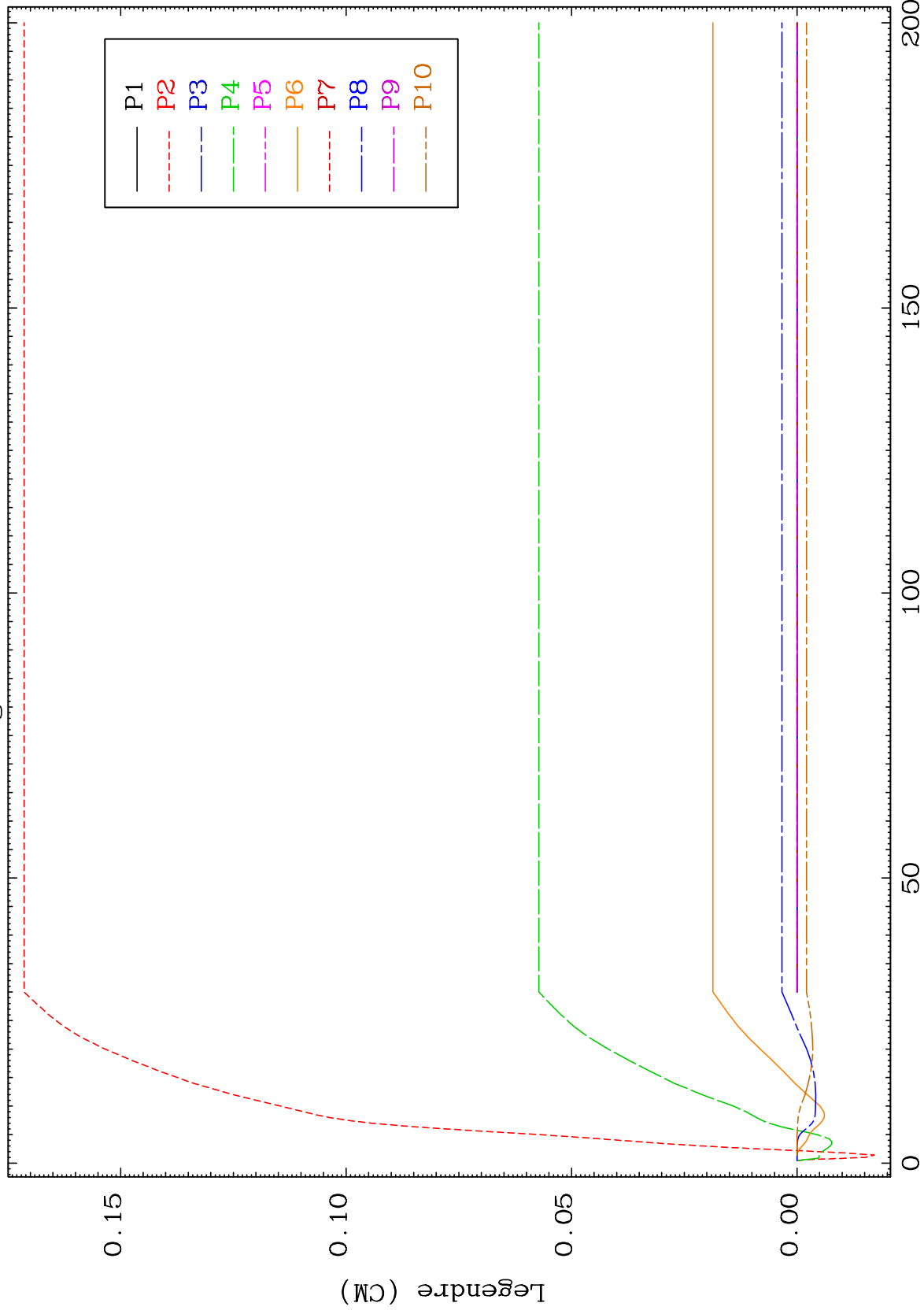
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



93

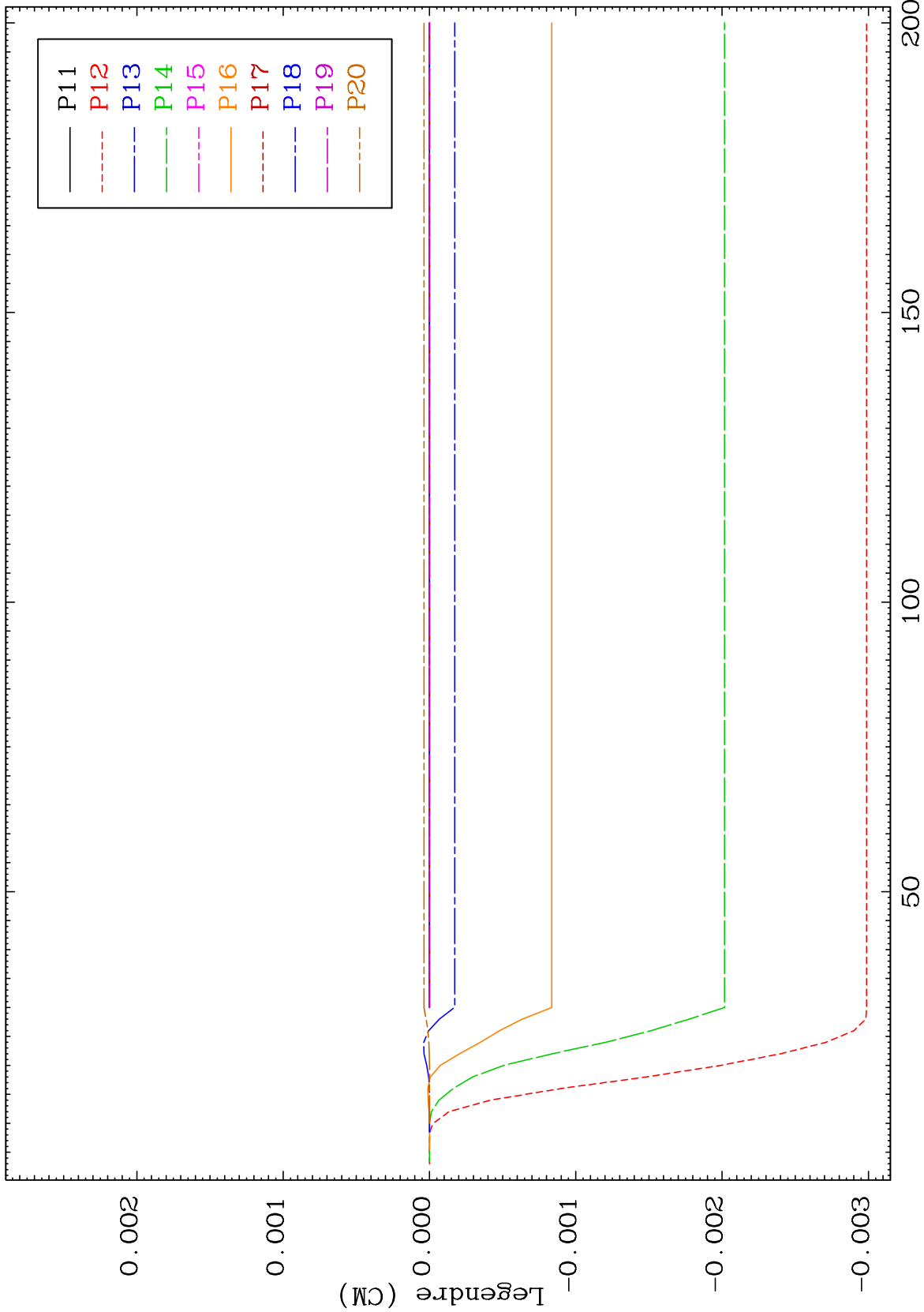
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



94

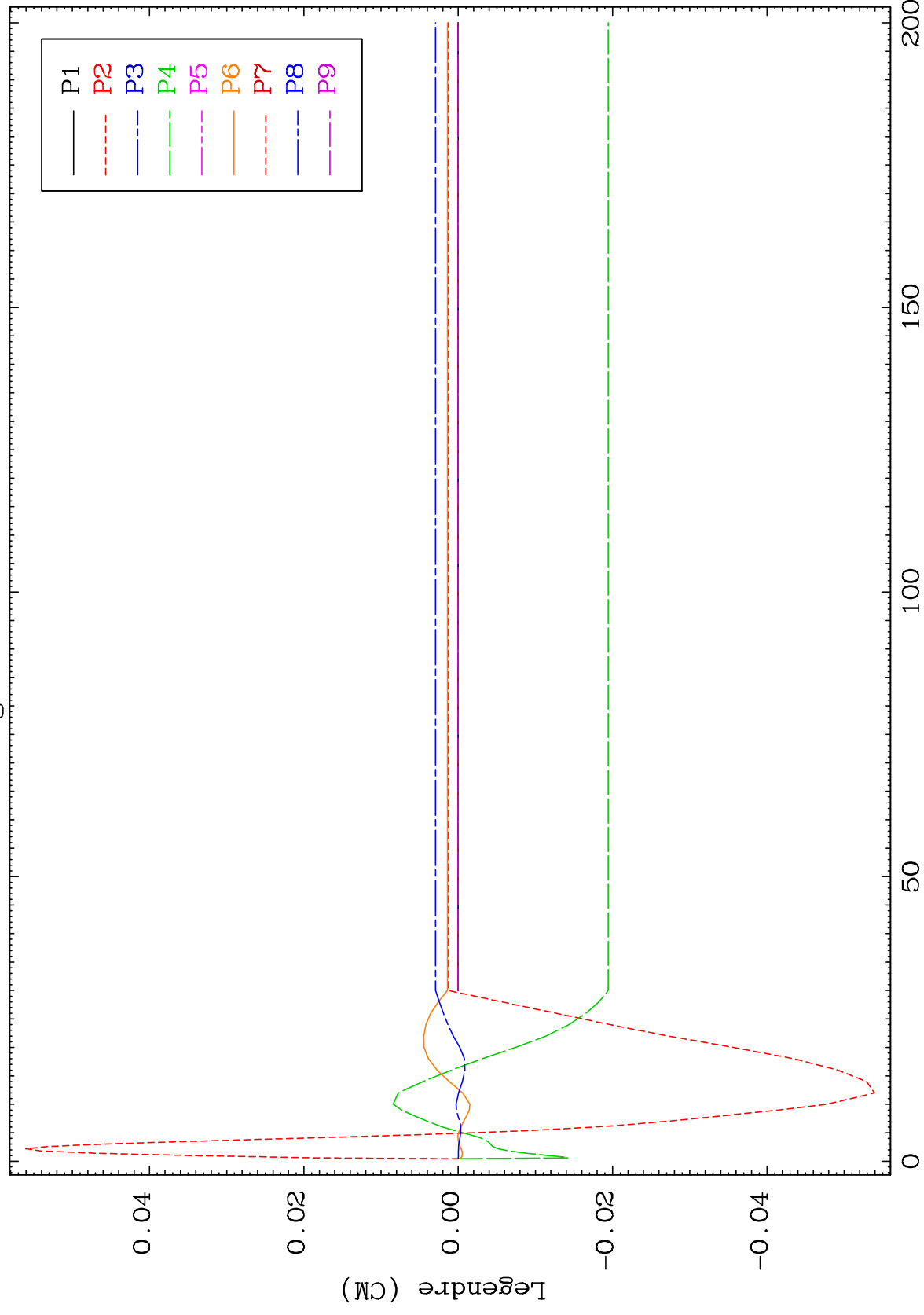
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



96

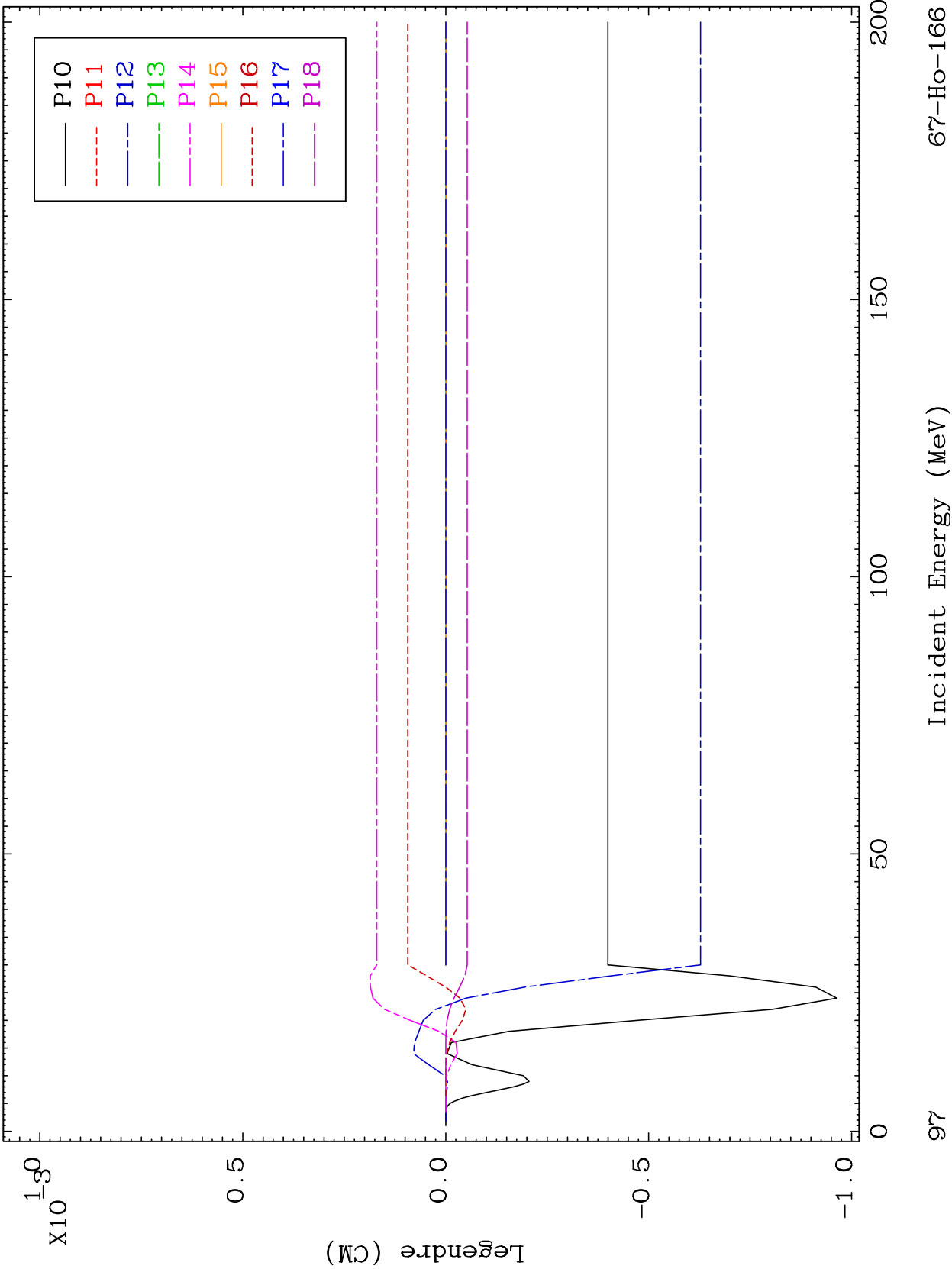
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

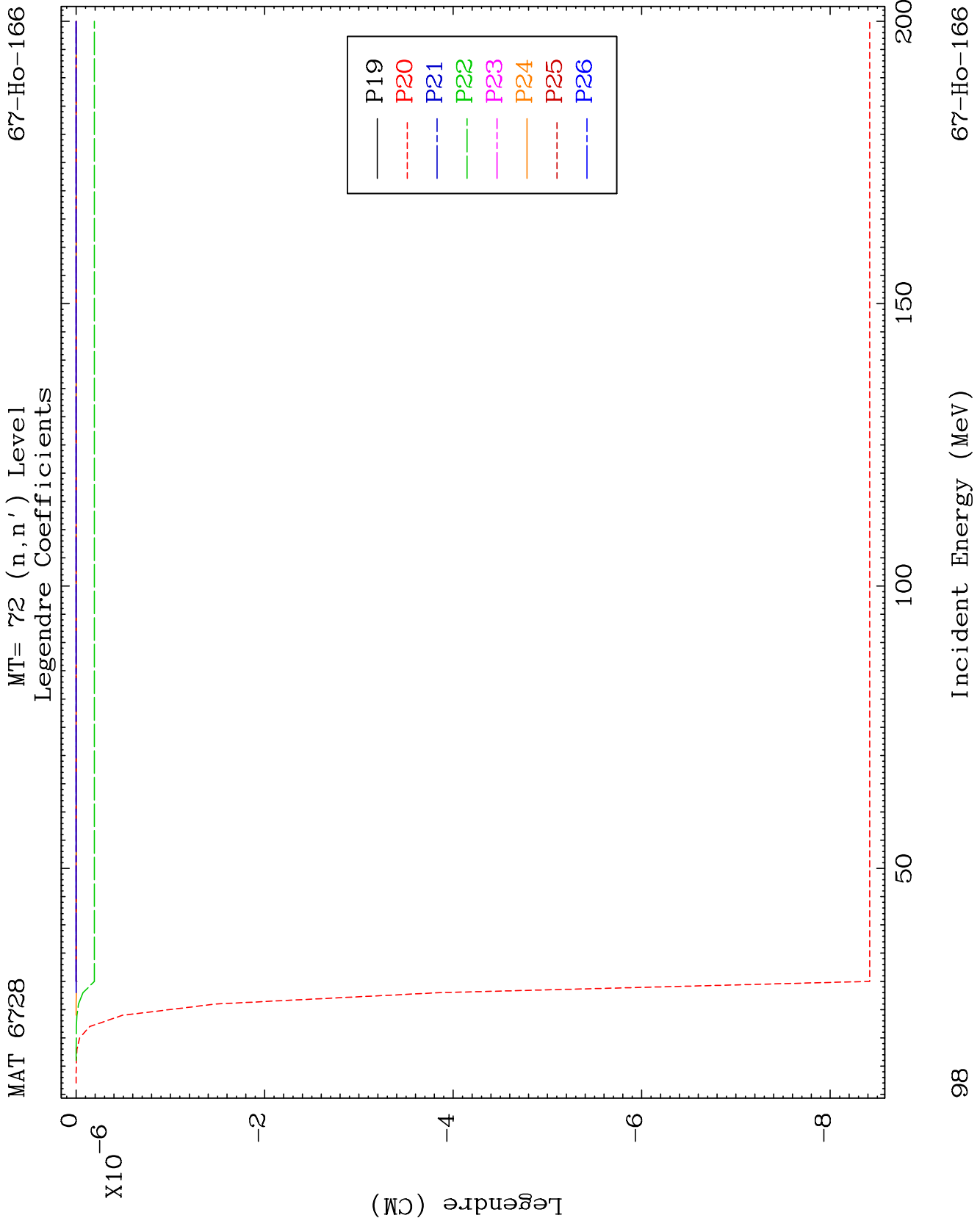
67-Ho-166

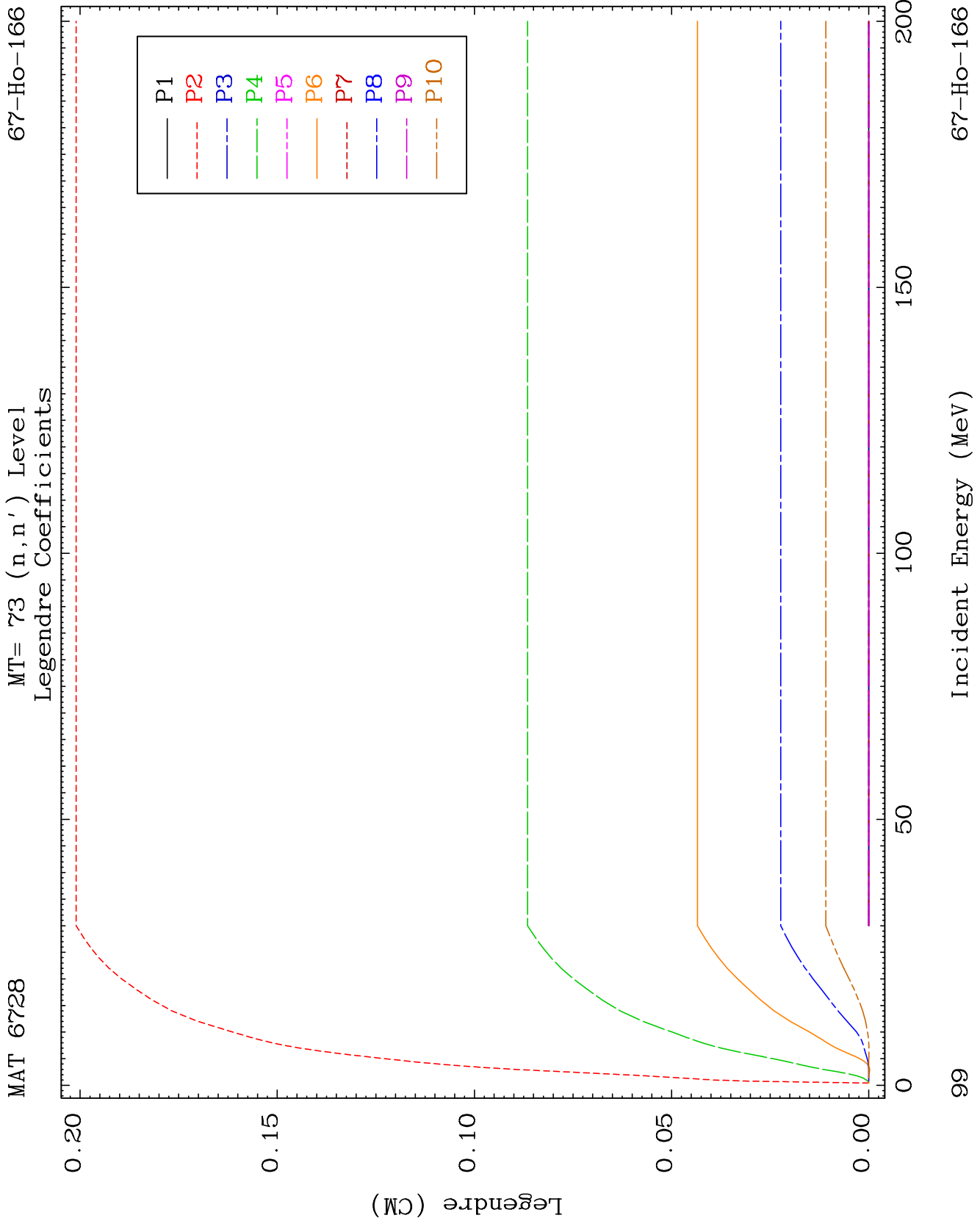


97

Incident Energy (MeV)

67-Ho-166

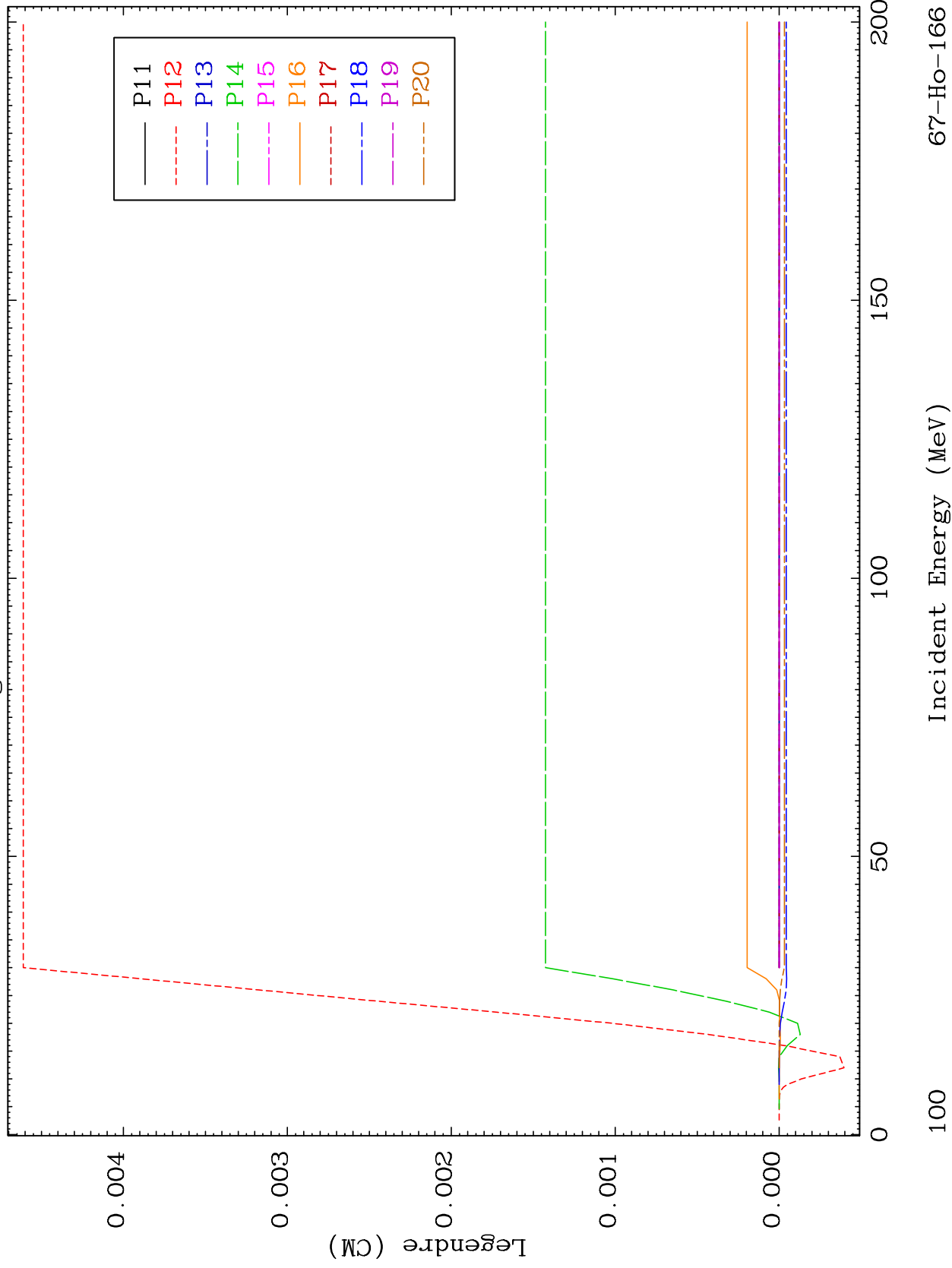


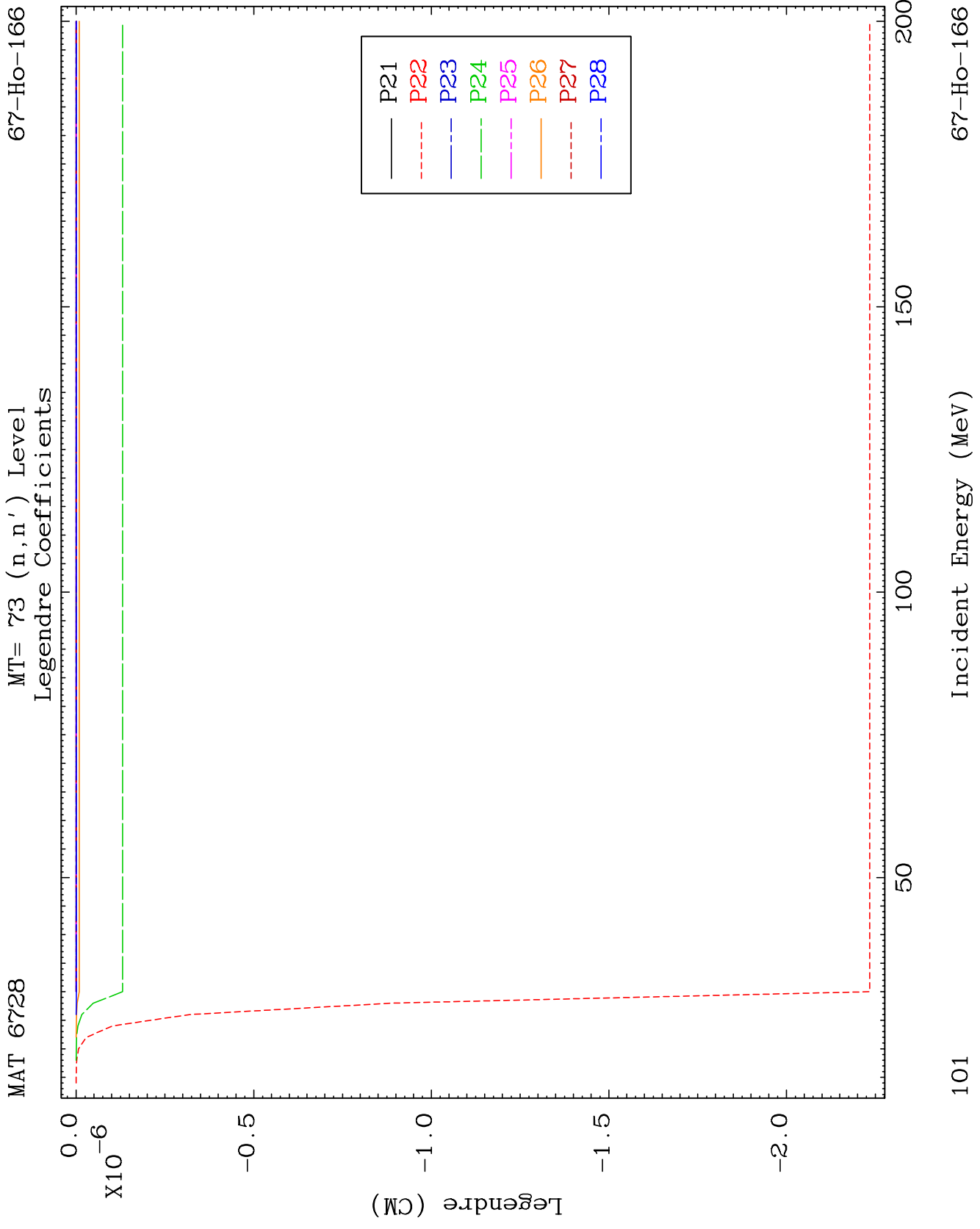


MAT 6728

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

67-Ho-166

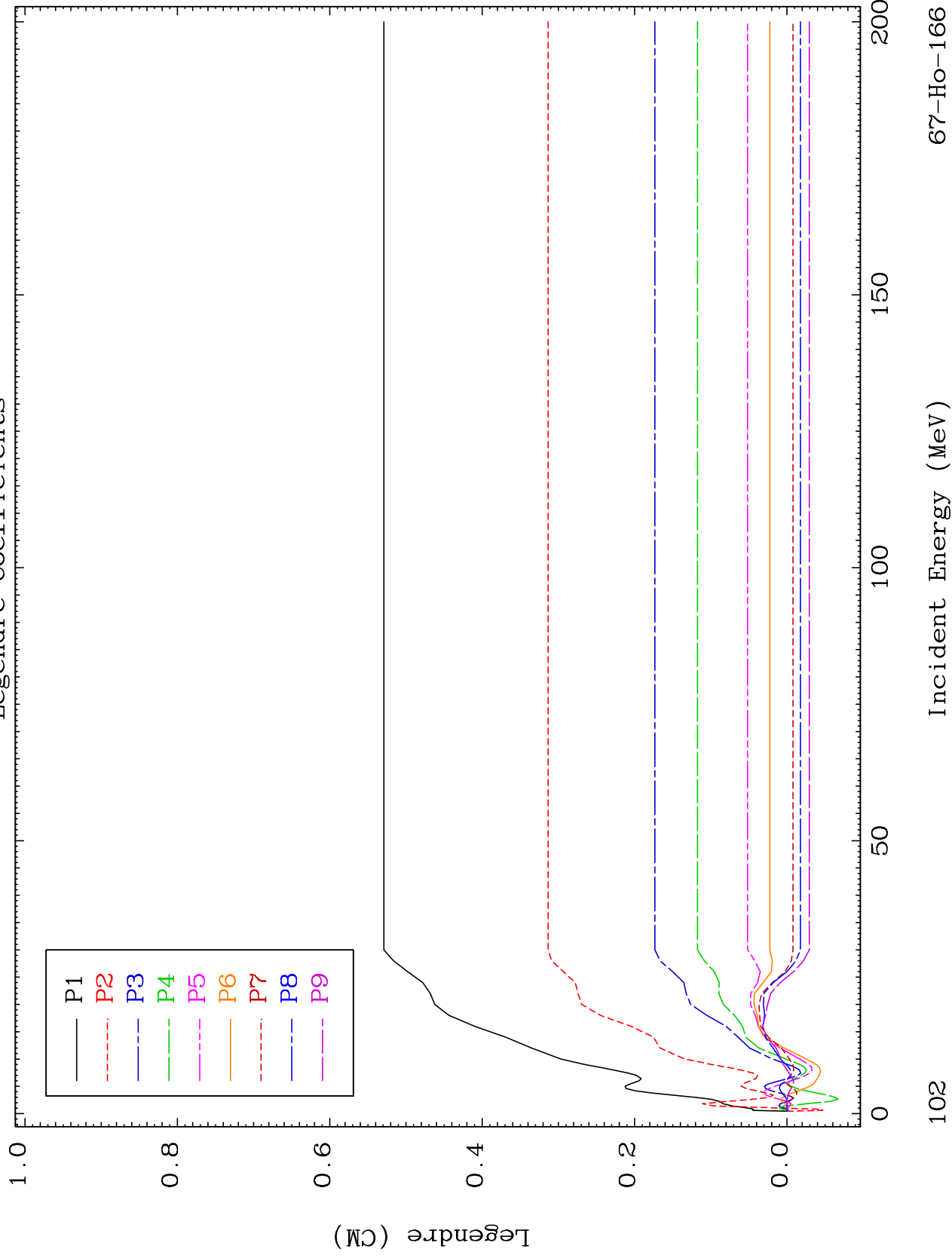




MAT 6728

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

67-Ho-166



67-Ho-166

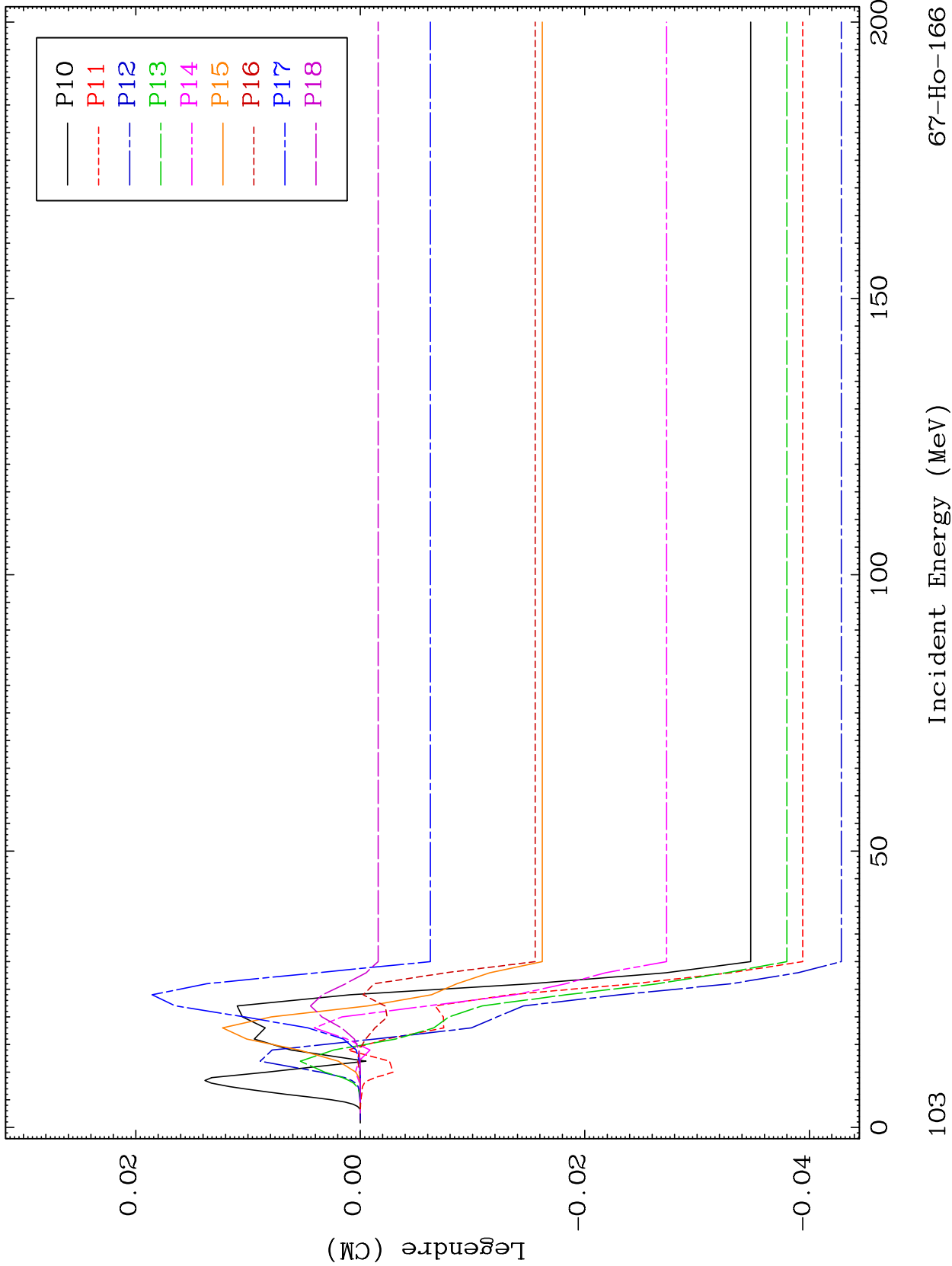
Incident Energy (MeV)

102

MAT 6728

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

67-Ho-166



103

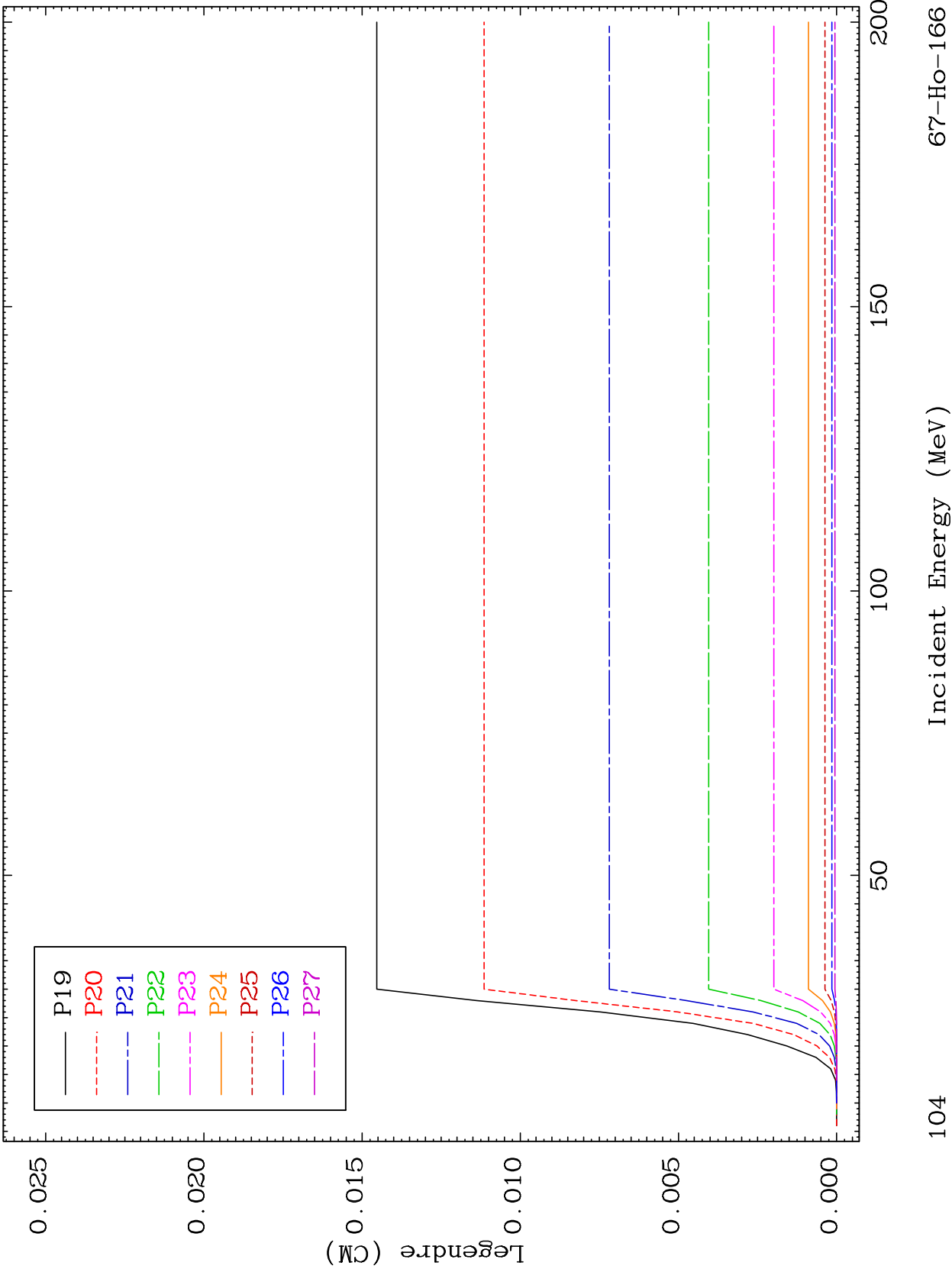
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



104

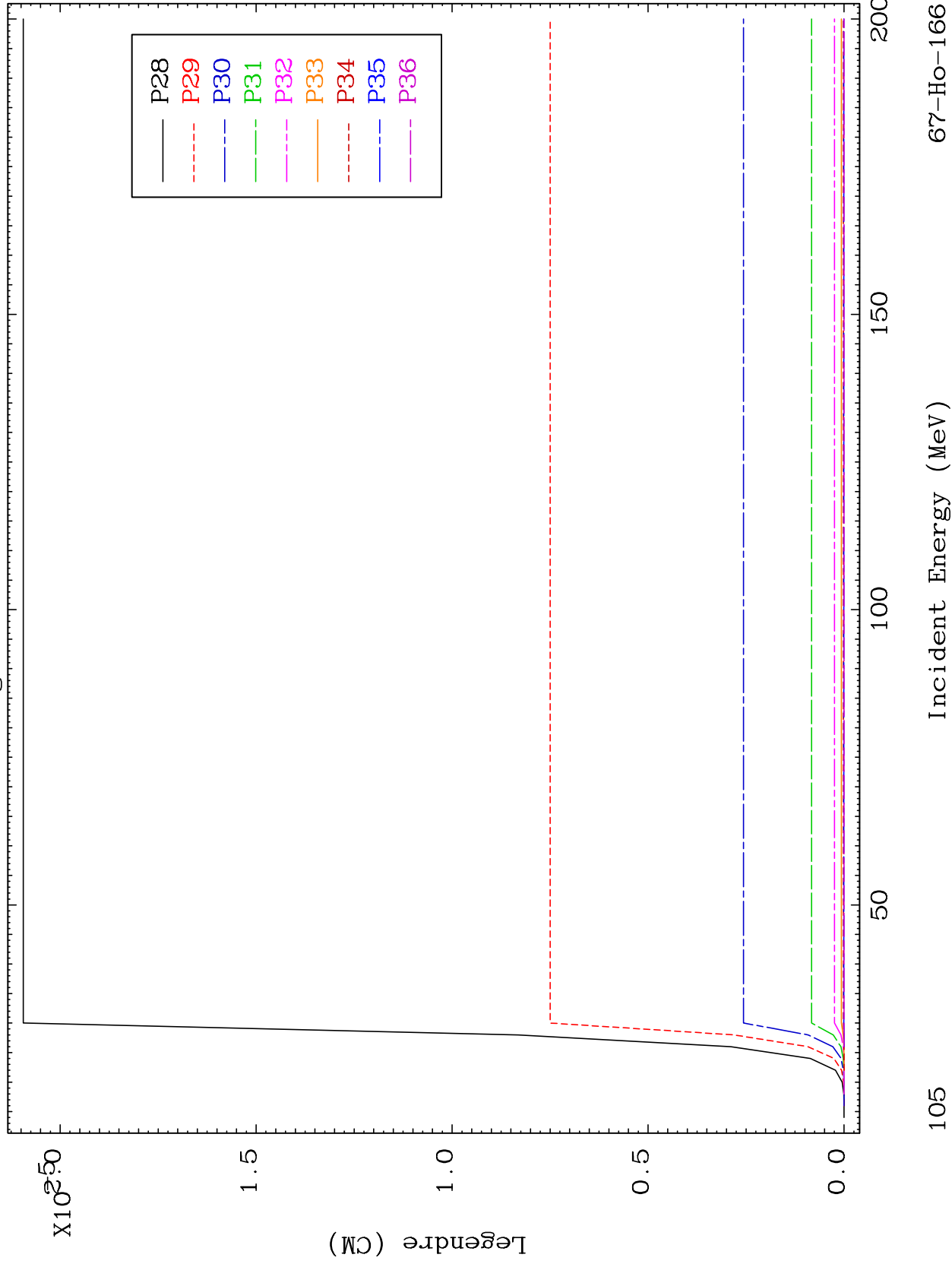
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



105

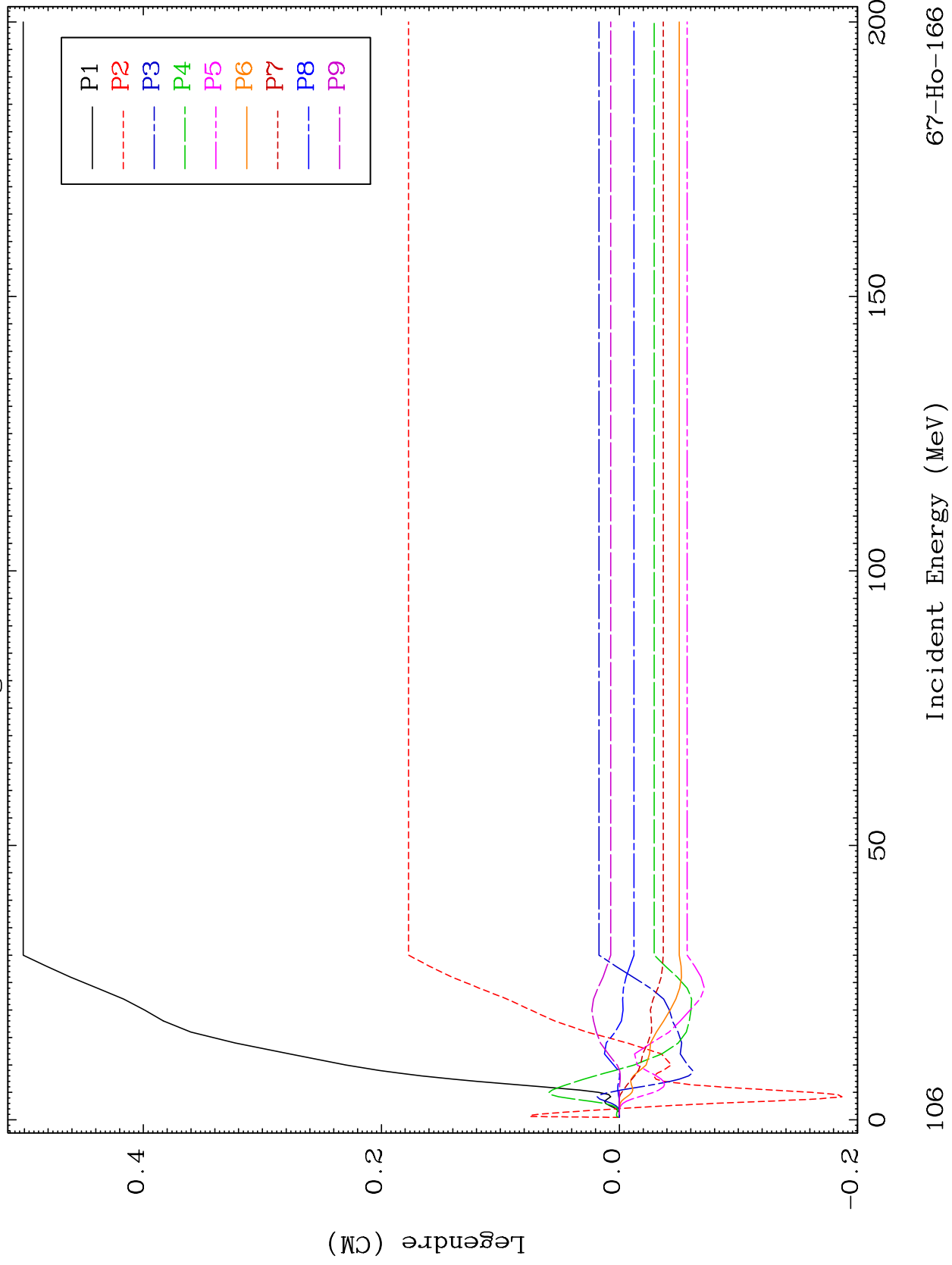
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

67-Ho-166



67-Ho-166

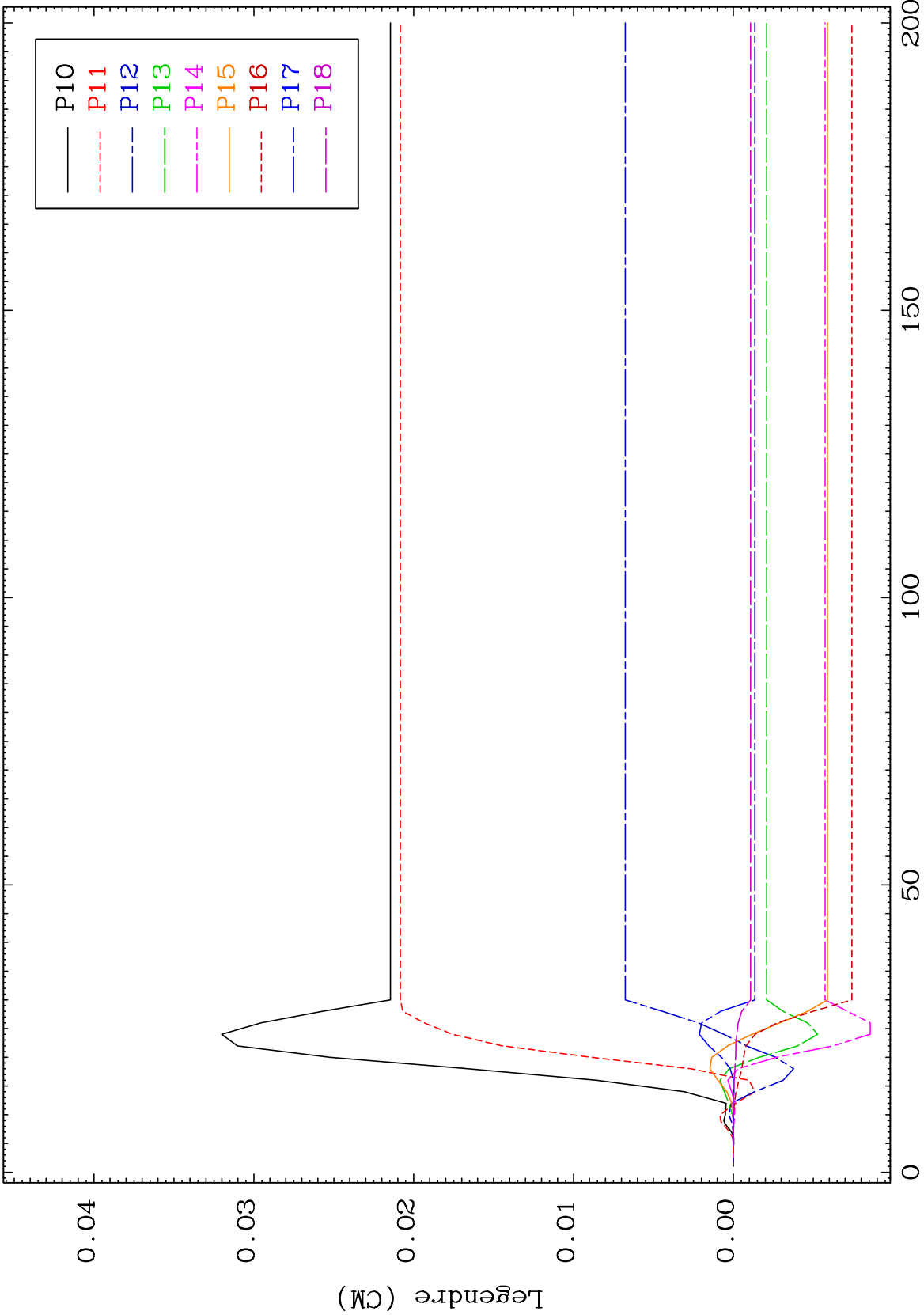
Incident Energy (MeV)

106

MAT 6728

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

67-Ho-166



107

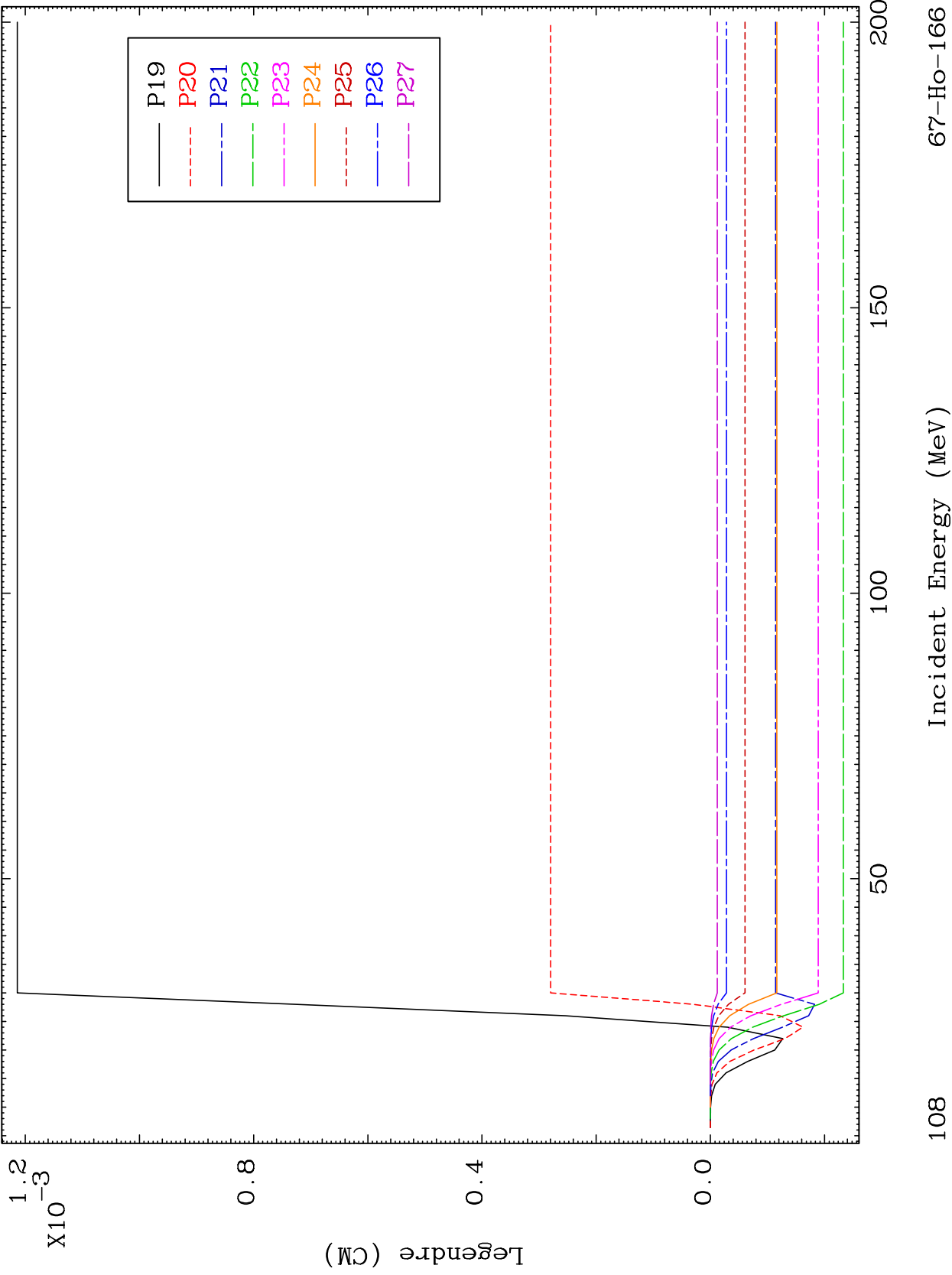
Incident Energy (MeV)

67-Ho-166

MAT 6728

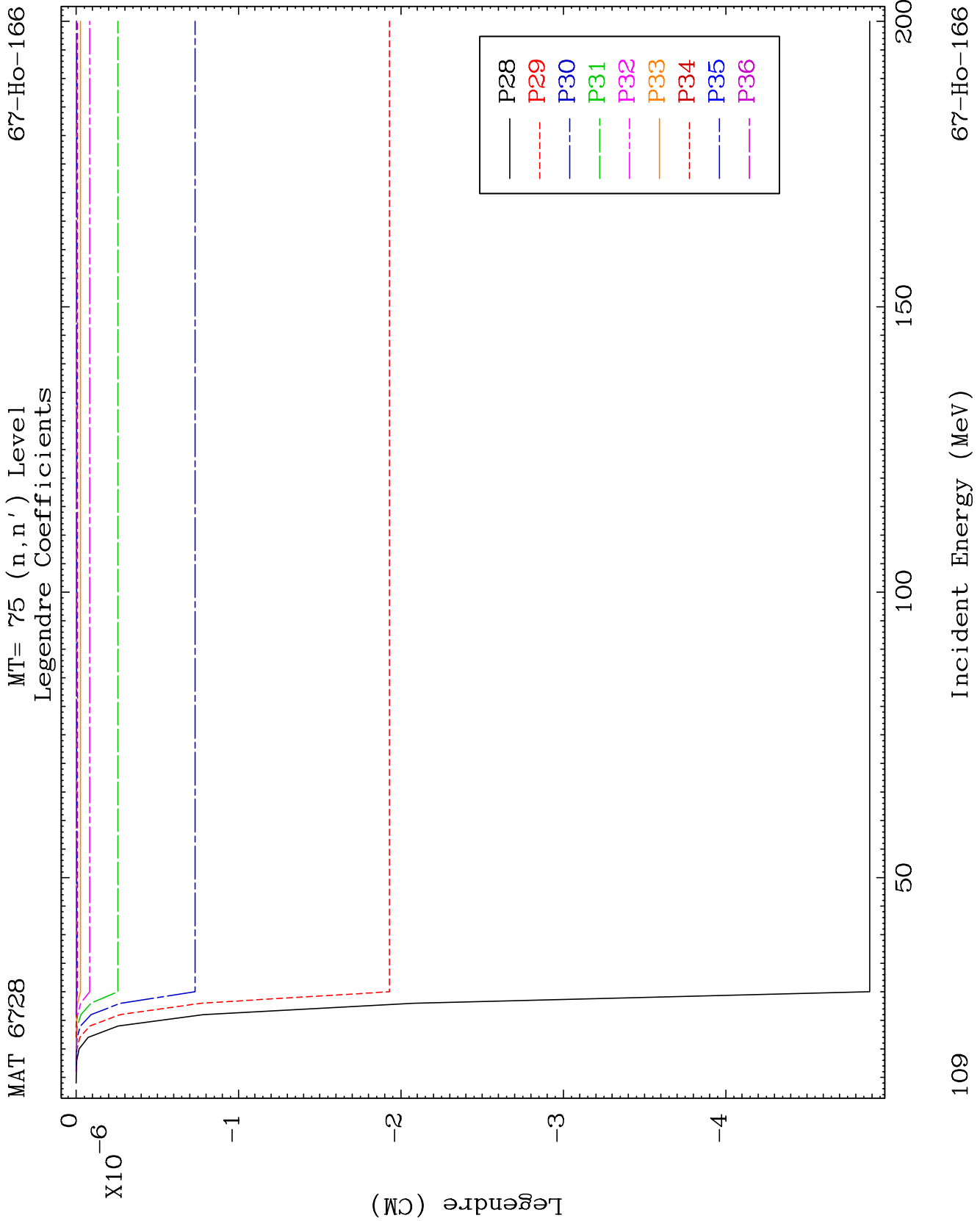
MT= 75 (n,n') Level
Legendre Coefficients

67-Ho-166



108

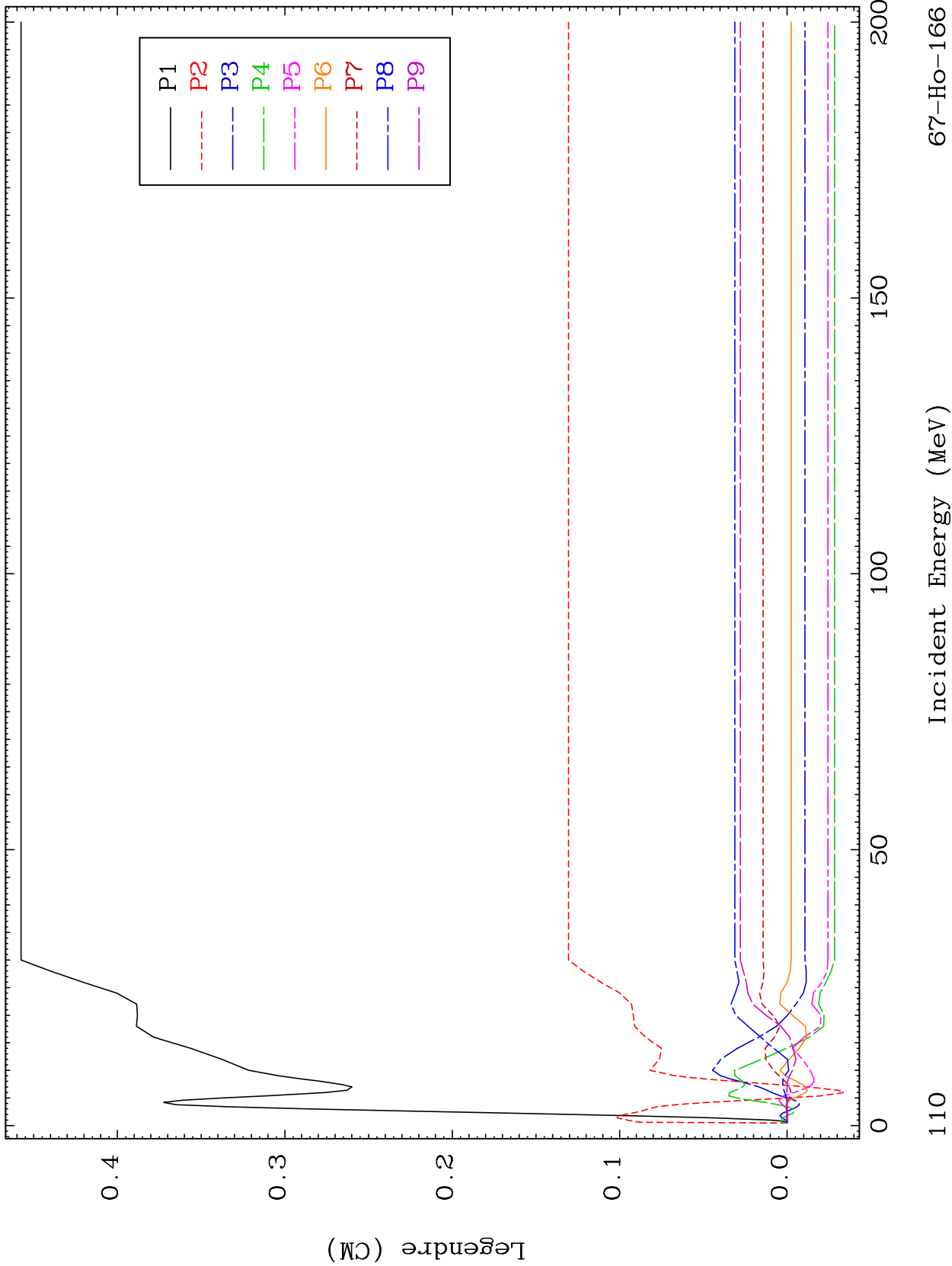
67-Ho-166



MAT 6728

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

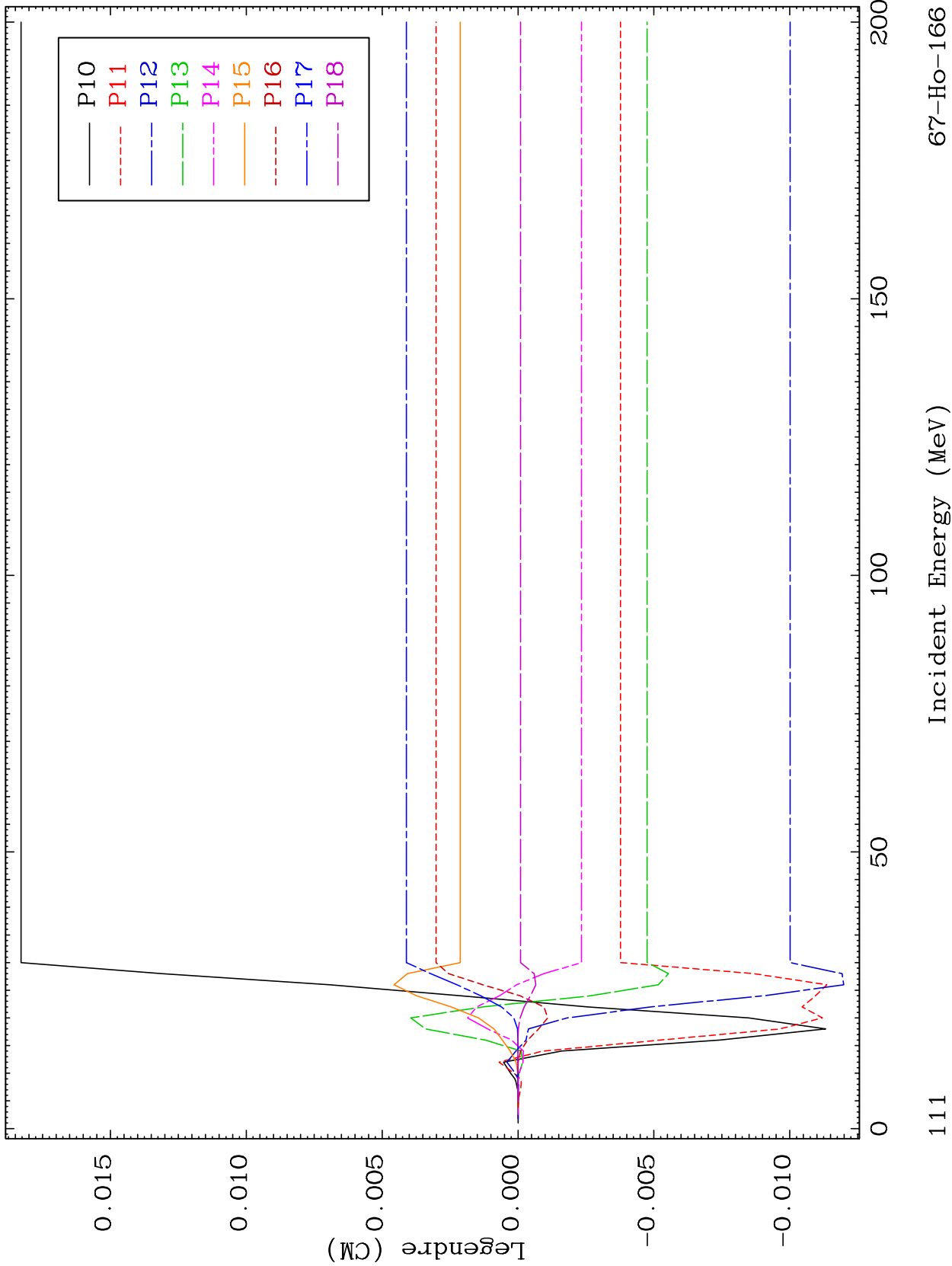
67-Ho-166



MAT 6728

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

67-Ho-166



111

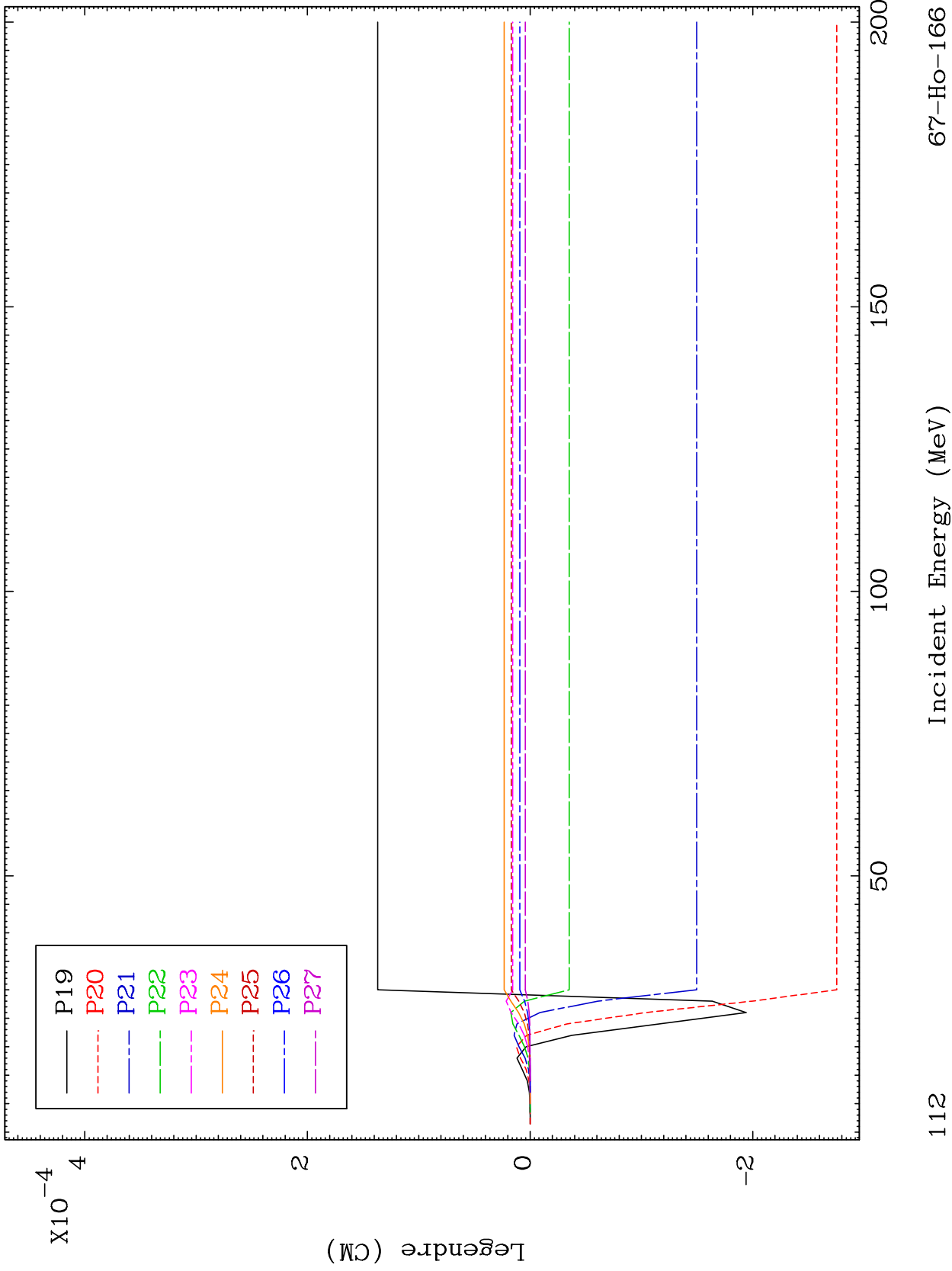
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

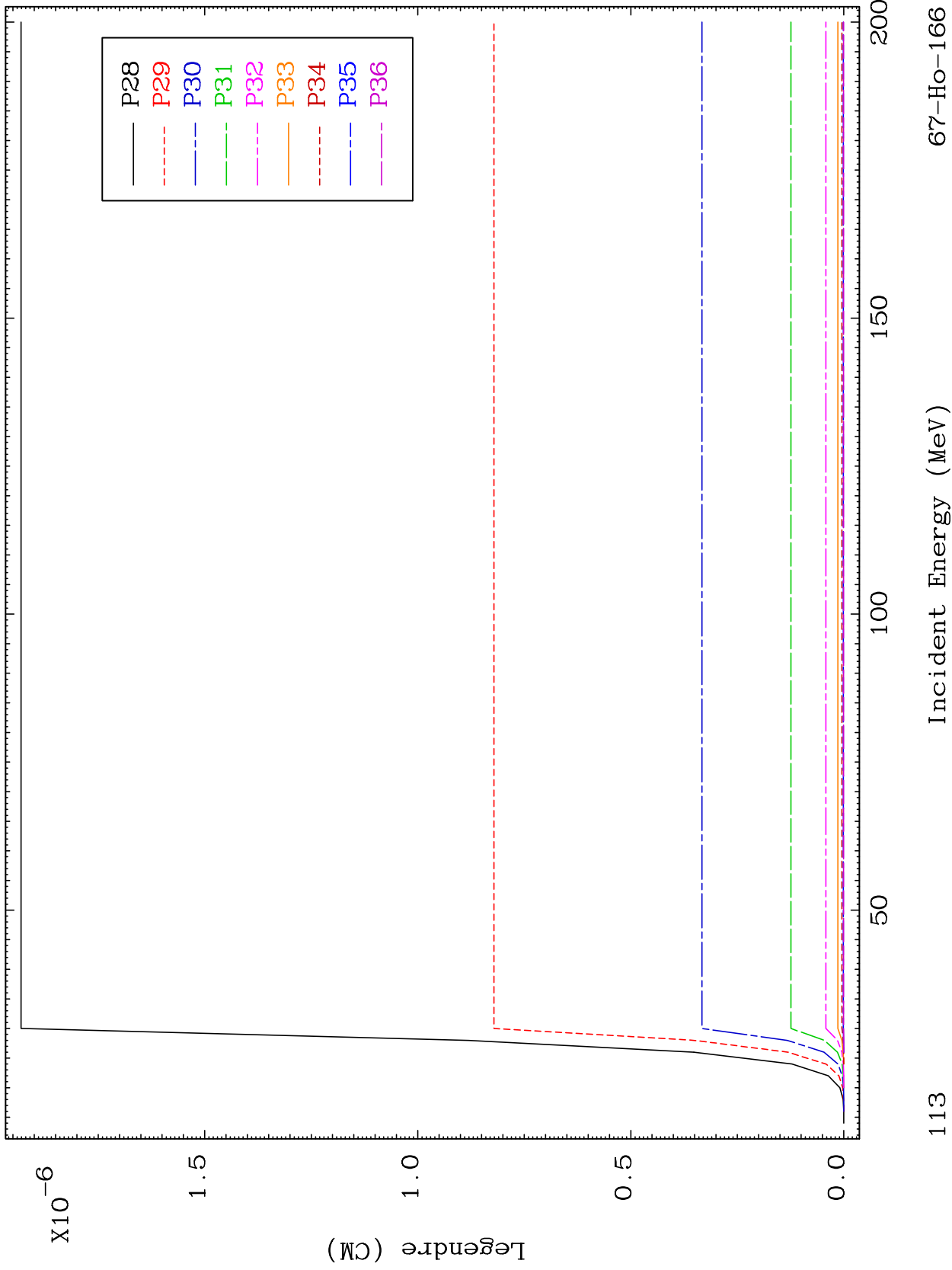
67-Ho-166



MAT 6728

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

67-Ho-166



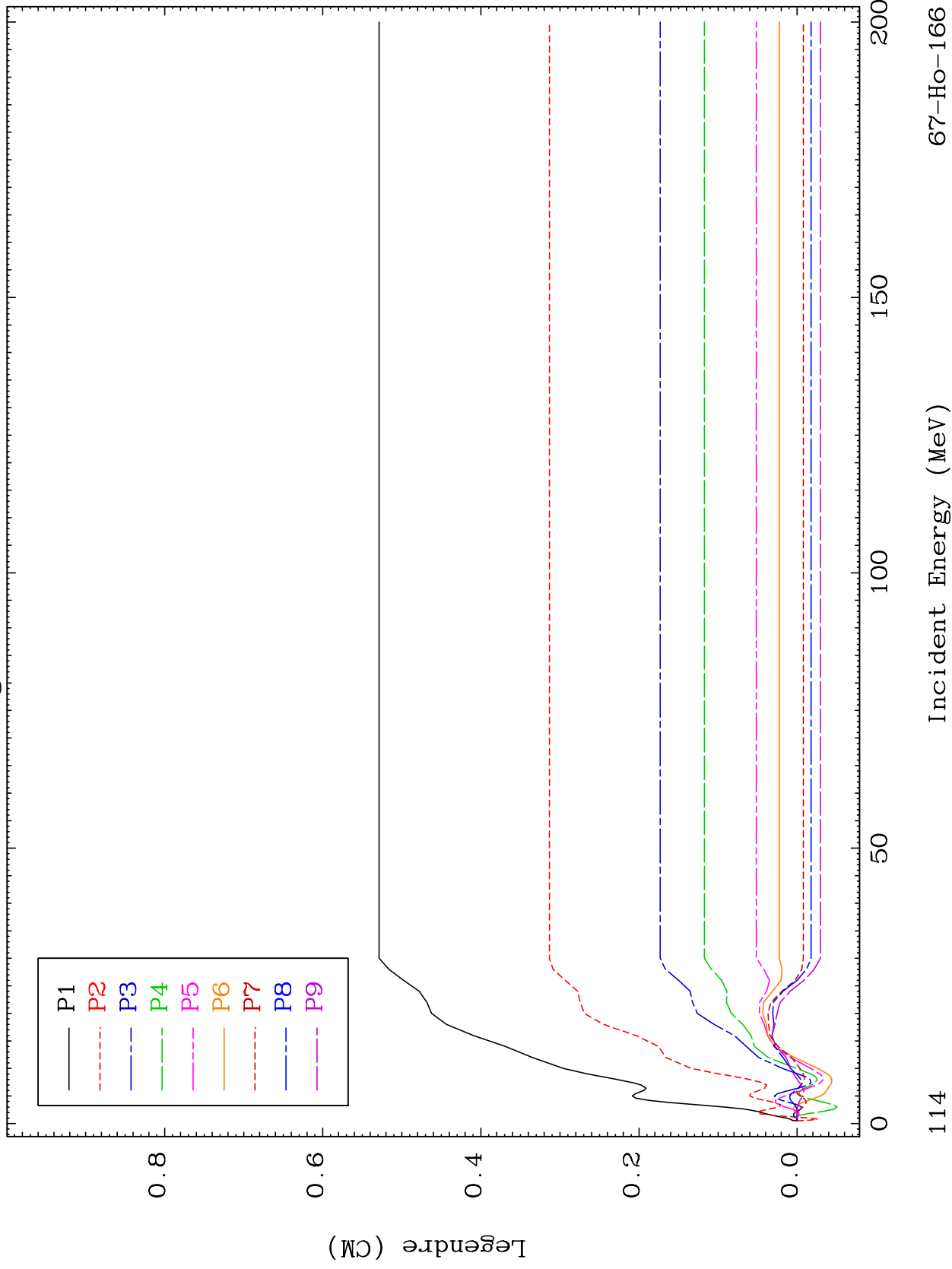
113

67-Ho-166

MAT 6728

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

67-Ho-166



67-Ho-166

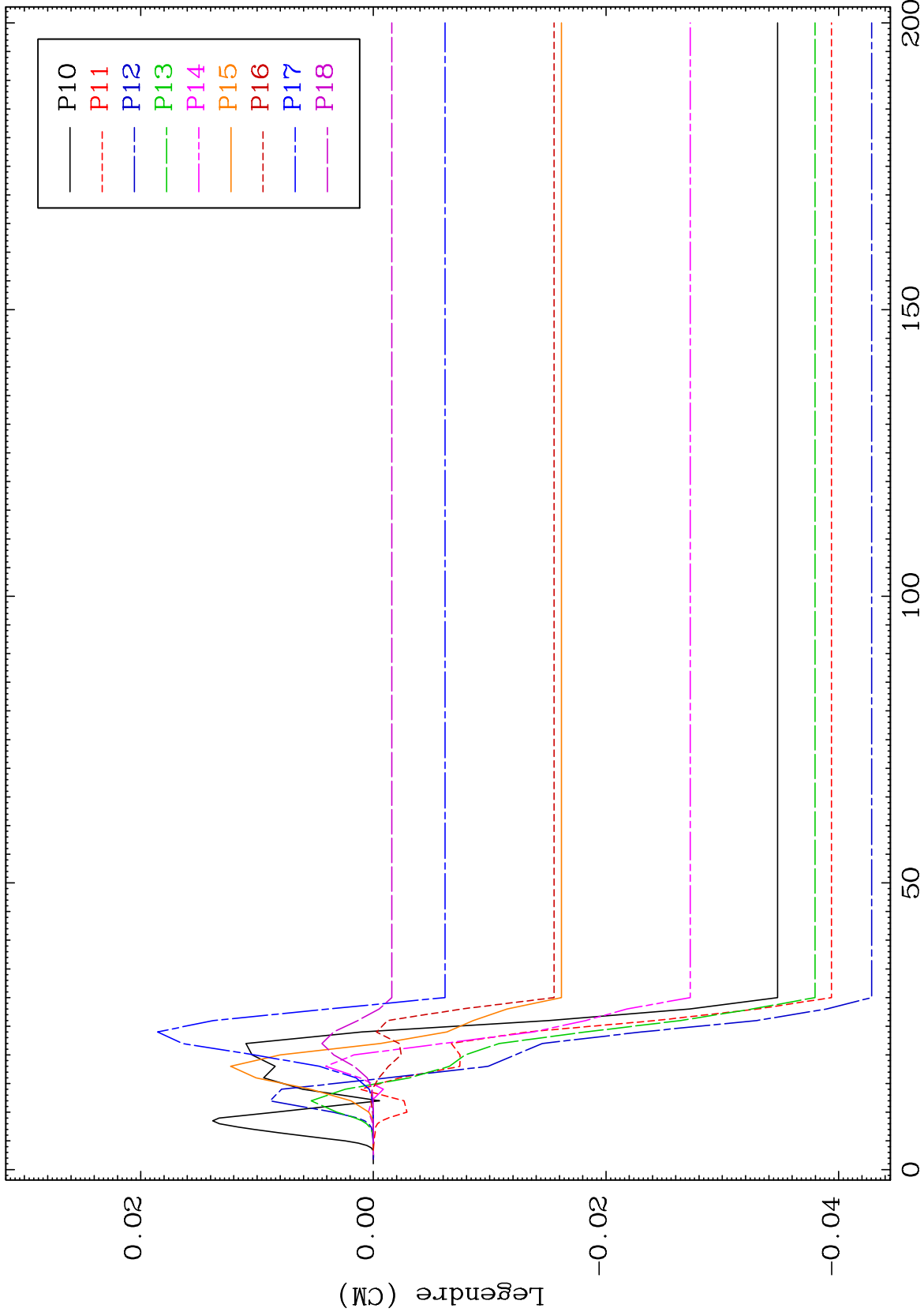
Incident Energy (MeV)

114

MAT 6728

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

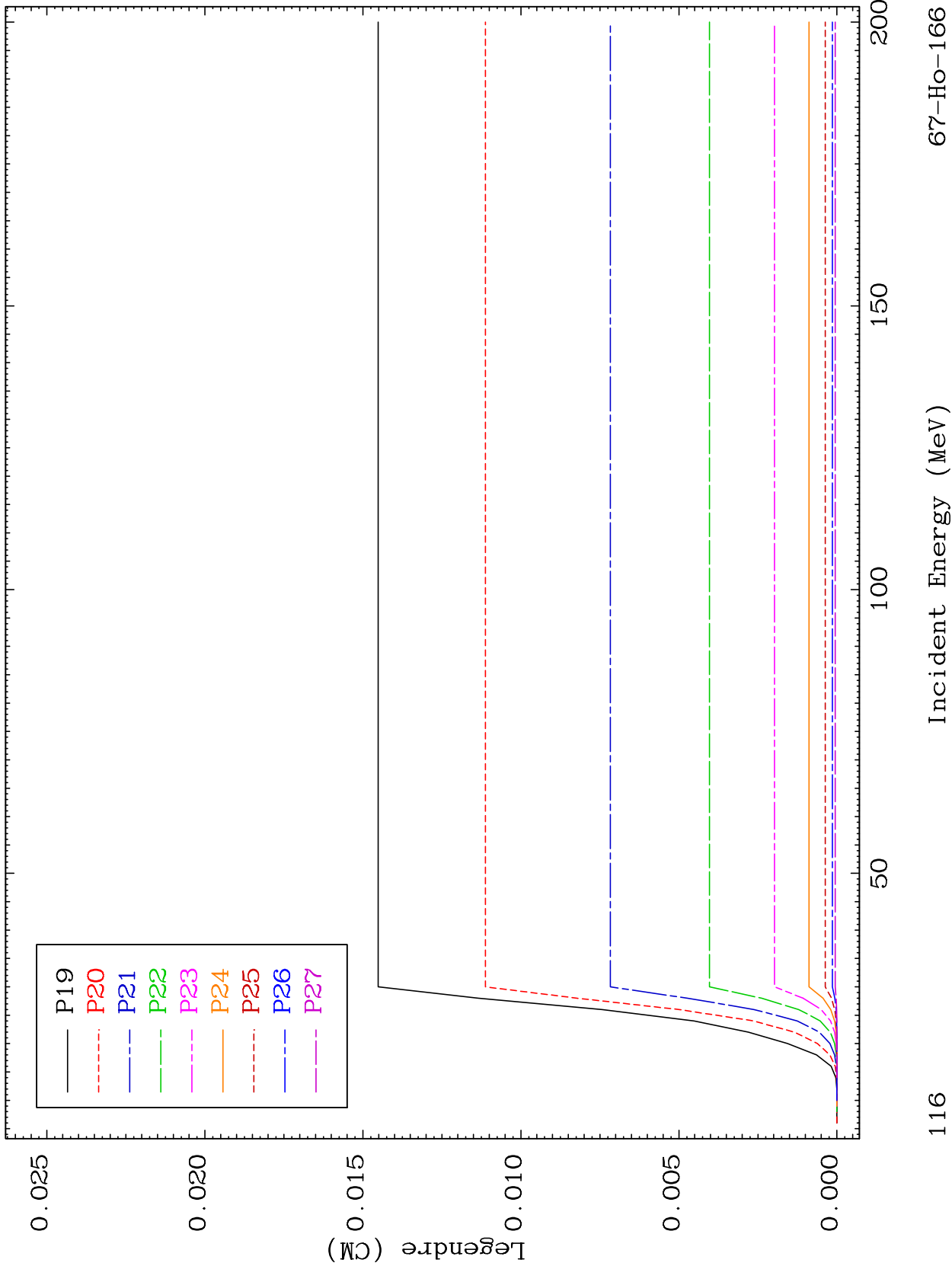
67-Ho-166



67-Ho-166

Incident Energy (MeV)

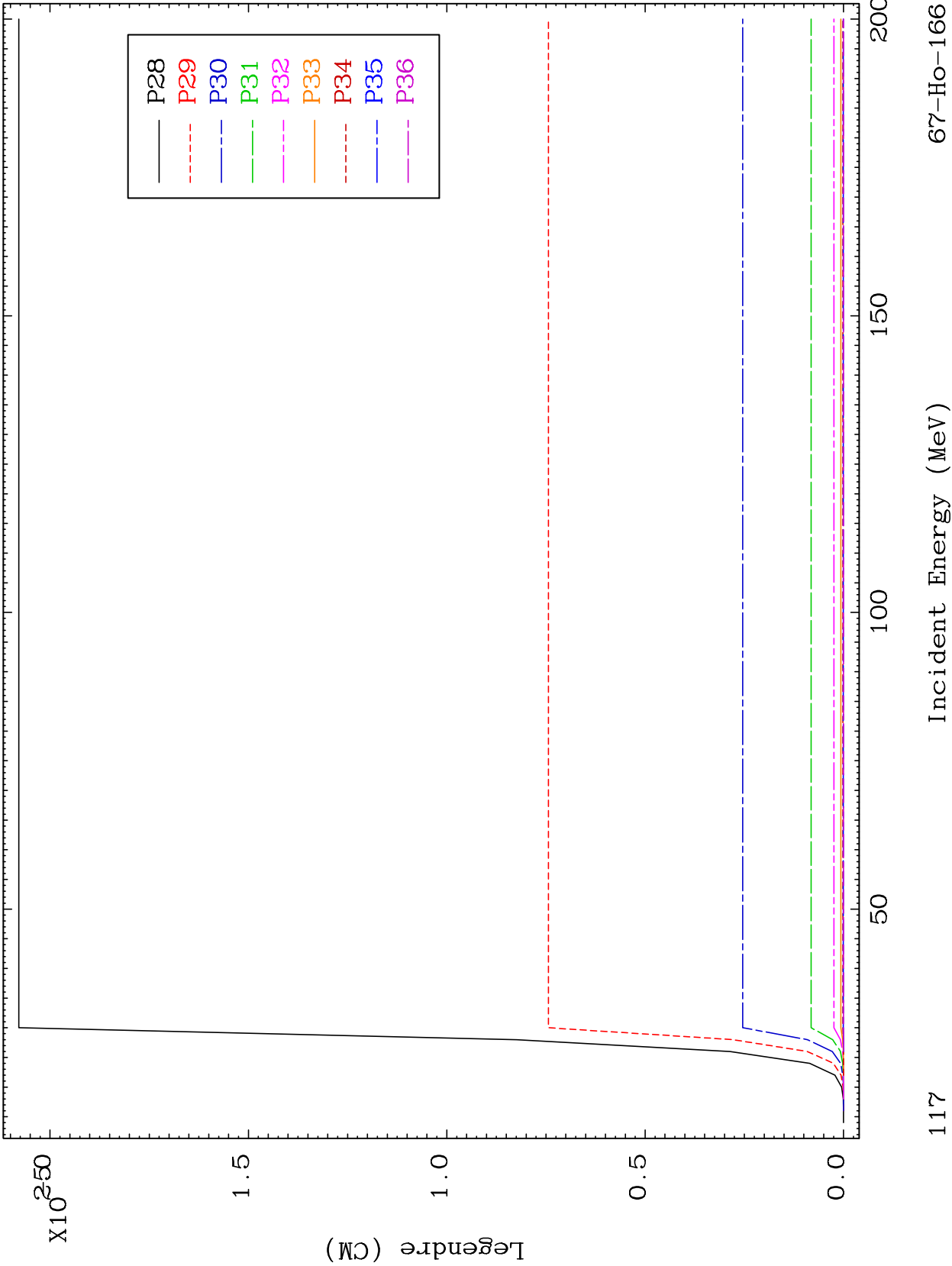
115



MAT 6728

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

67-Ho-166



117

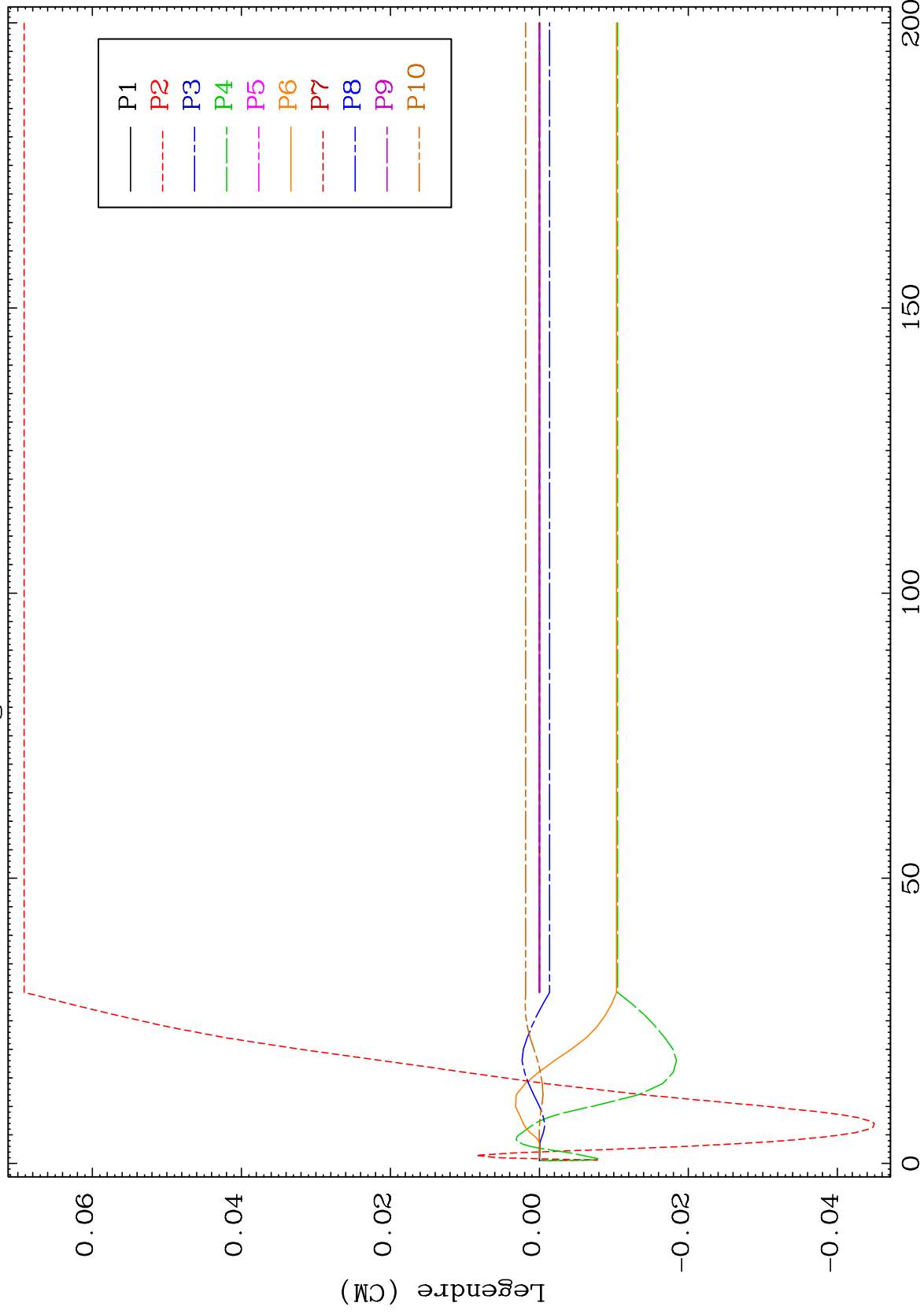
Incident Energy (MeV)

67-Ho-166

MAT 6728

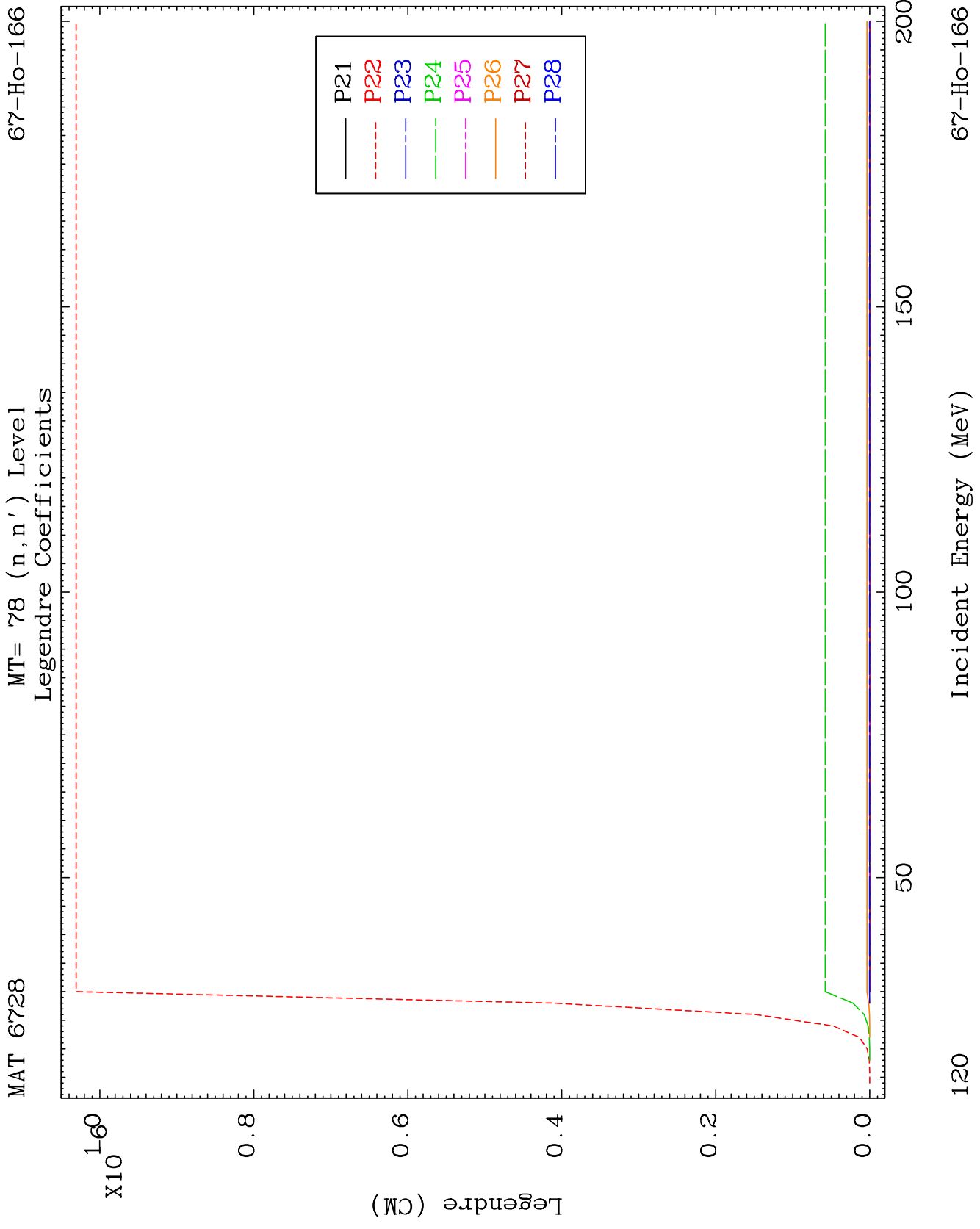
MT= 78 (n,n') Level
Legendre Coefficients

67-Ho-166



118

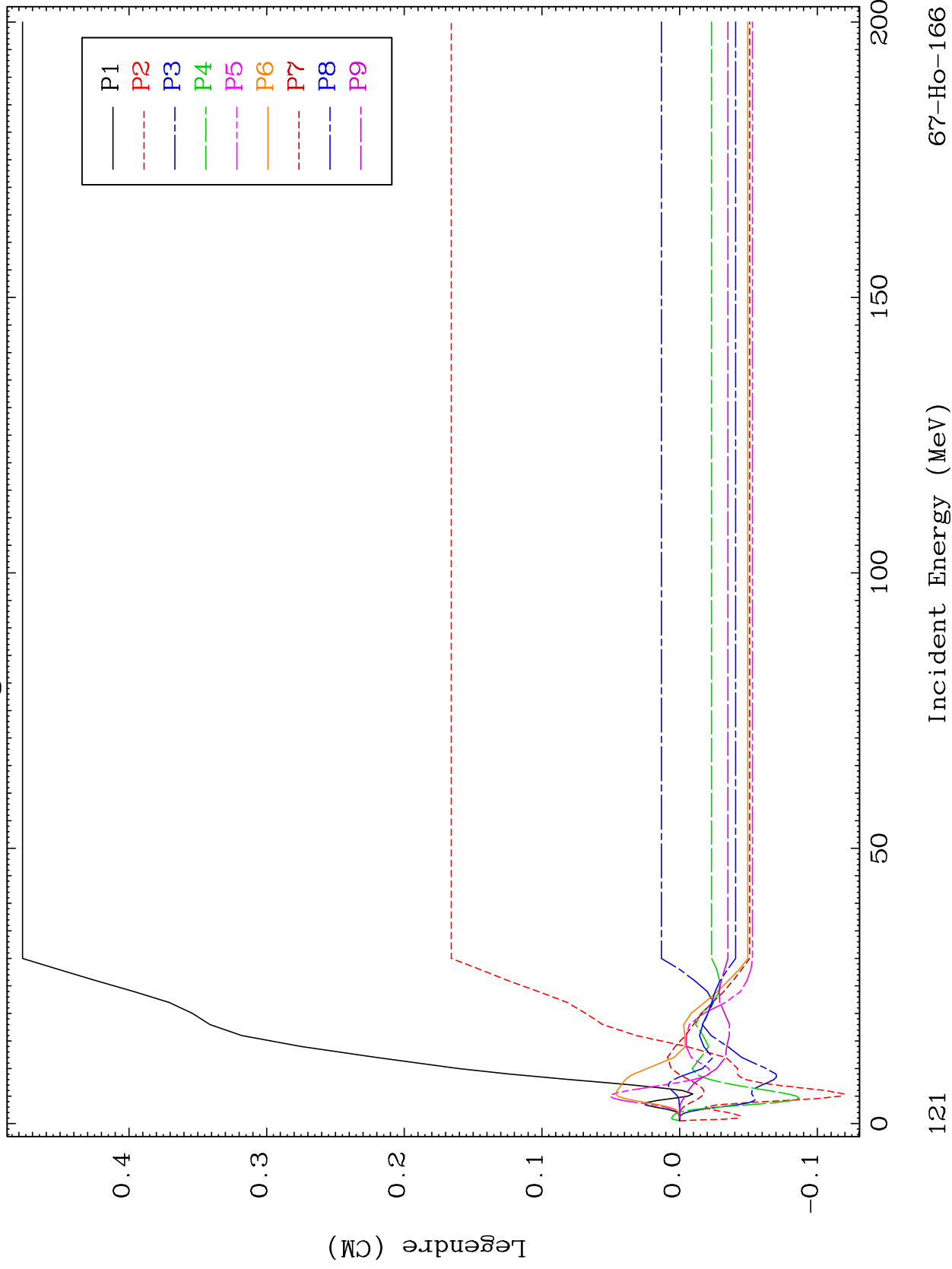
67-Ho-166



MAT 6728

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

67-Ho-166



67-Ho-166

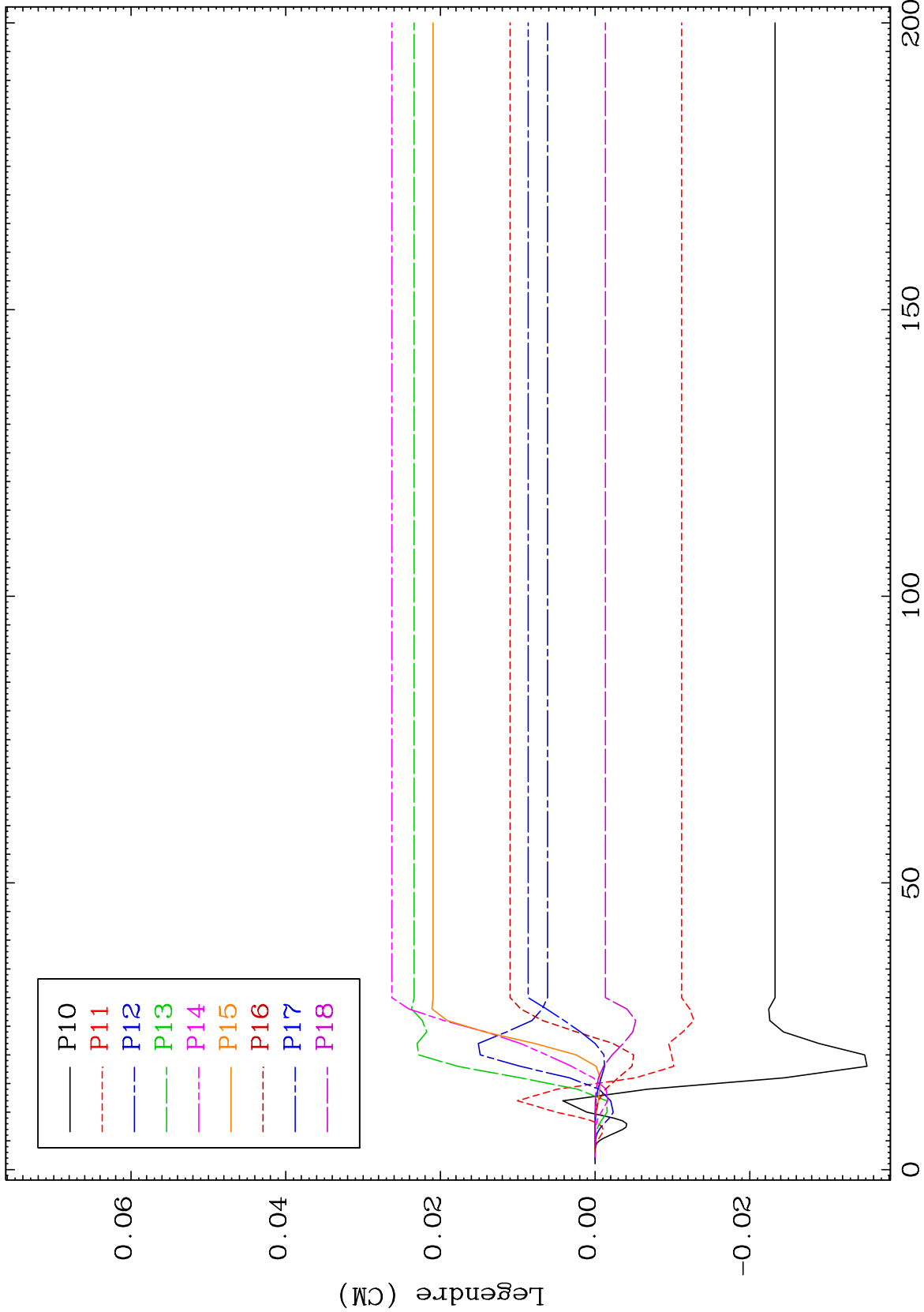
Incident Energy (MeV)

121

MAT 6728

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

67-Ho-166



122

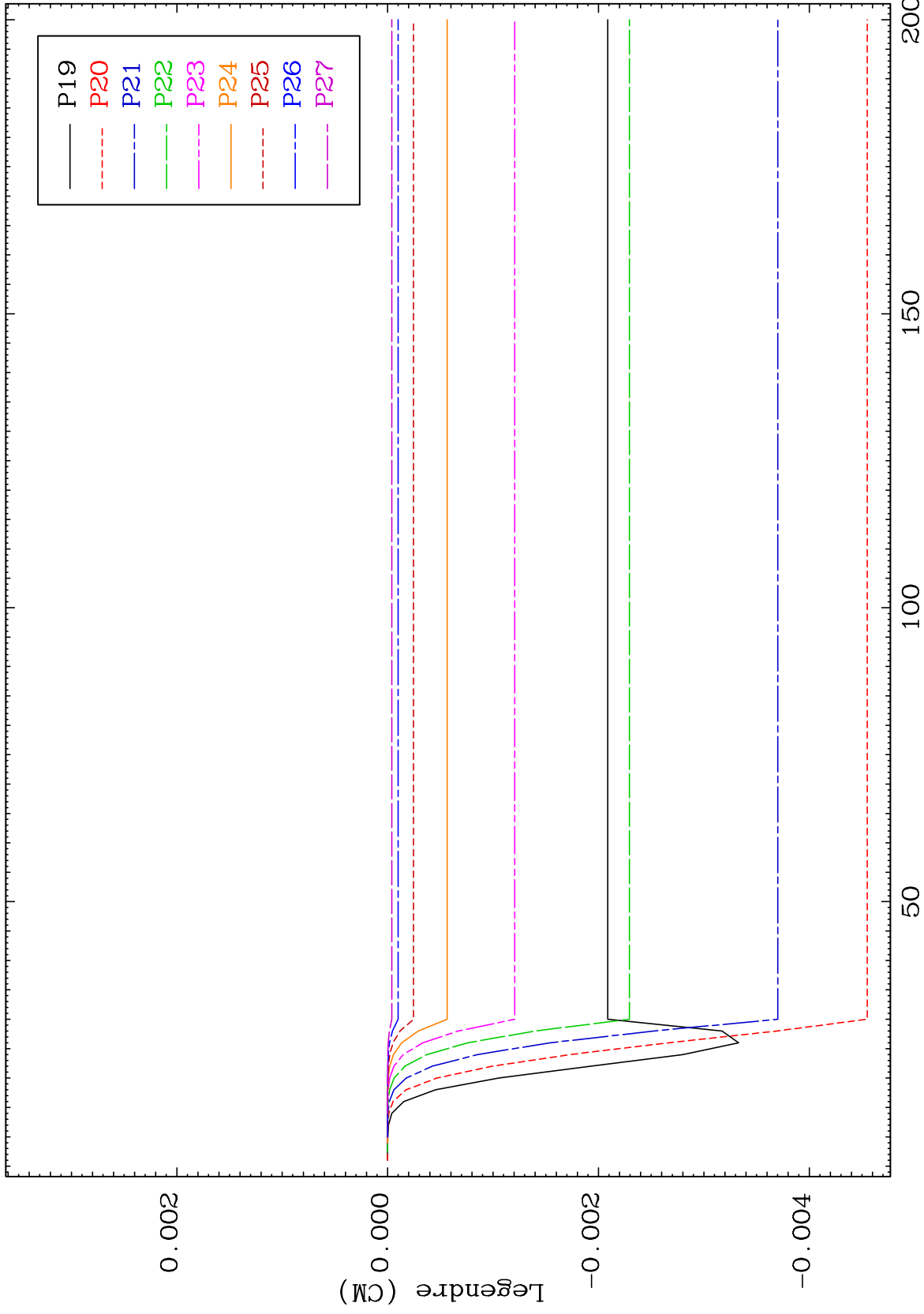
Incident Energy (MeV)

67-Ho-166

MAT 6728

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

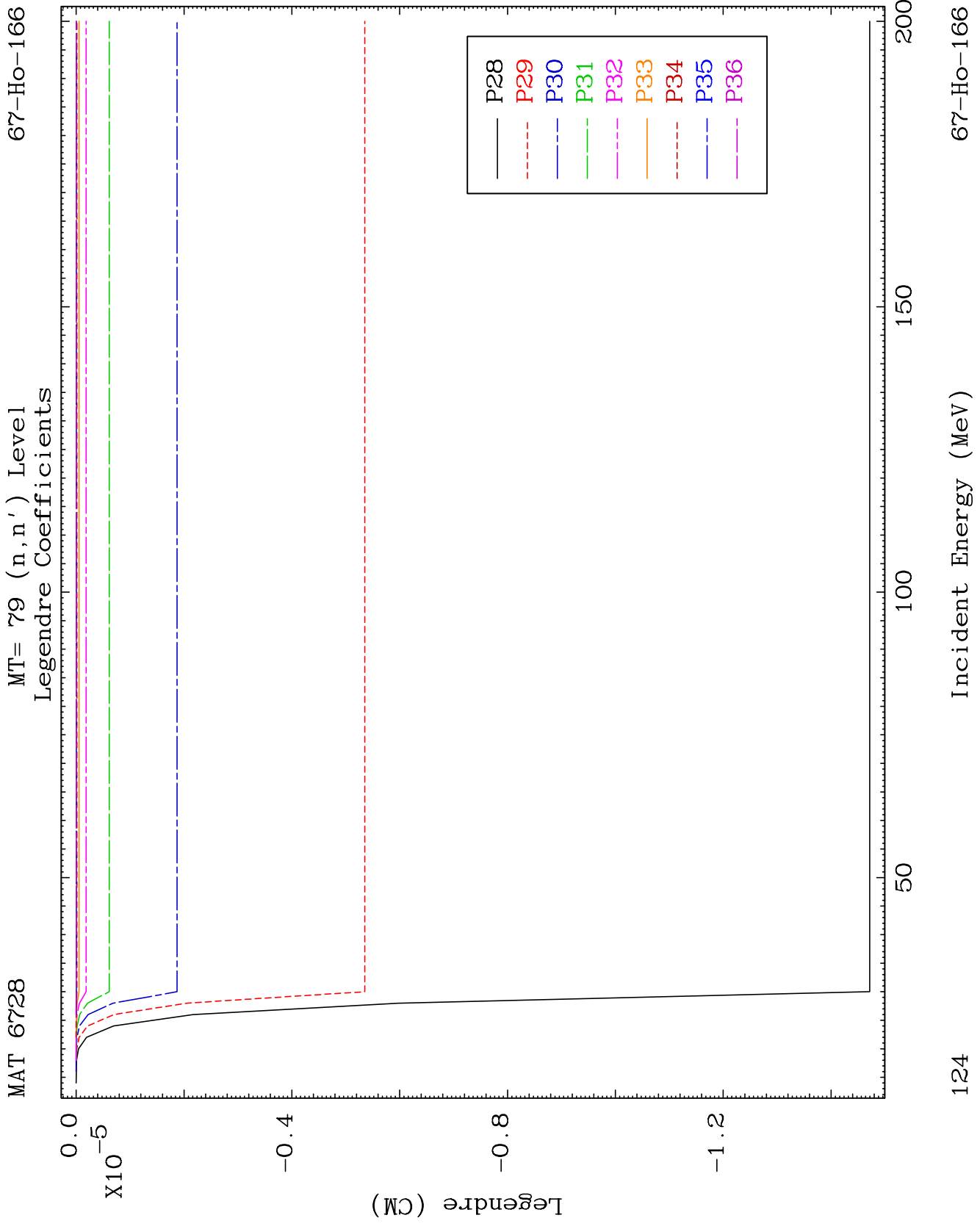
67-Ho-166

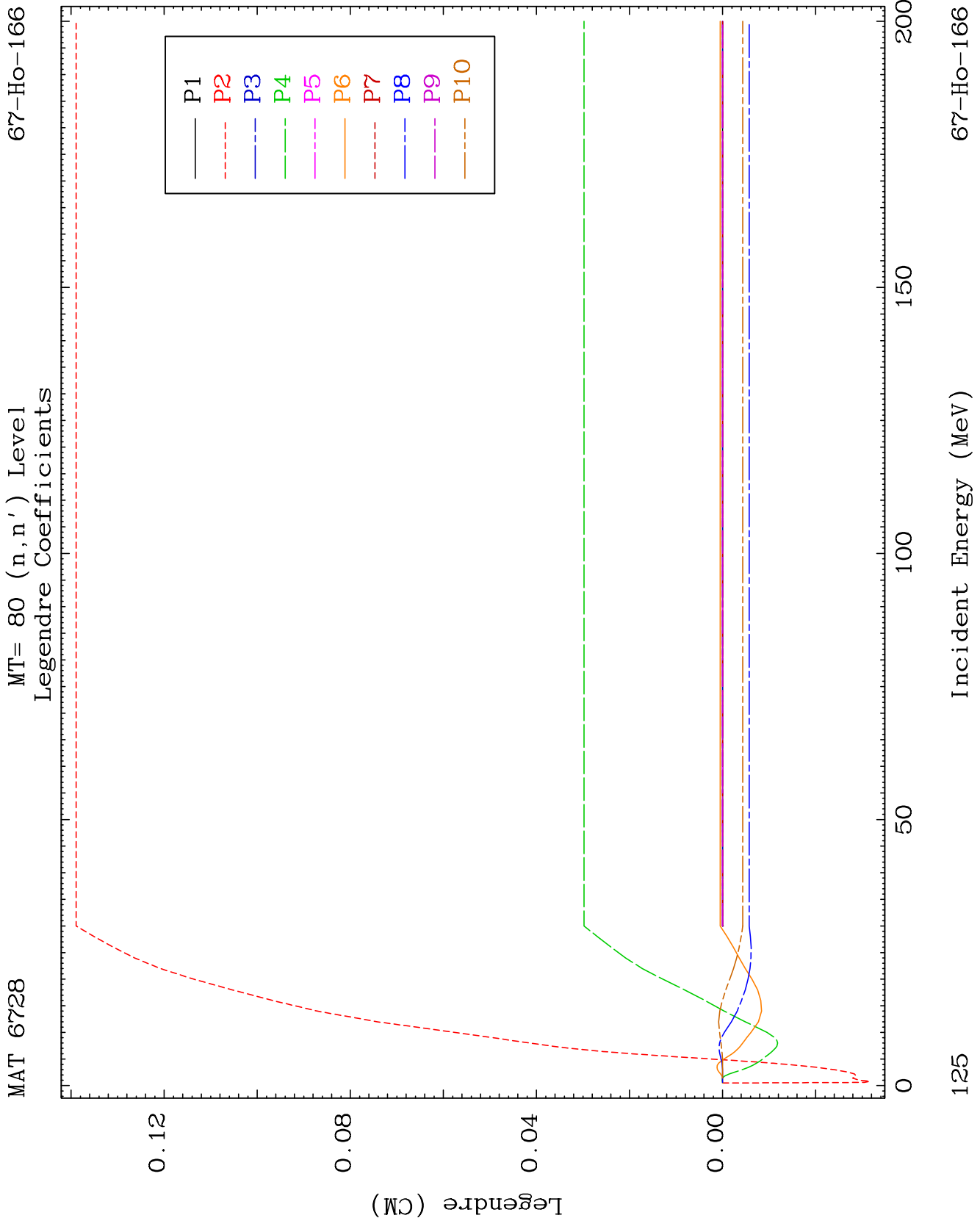


123

Incident Energy (MeV)

67-Ho-166

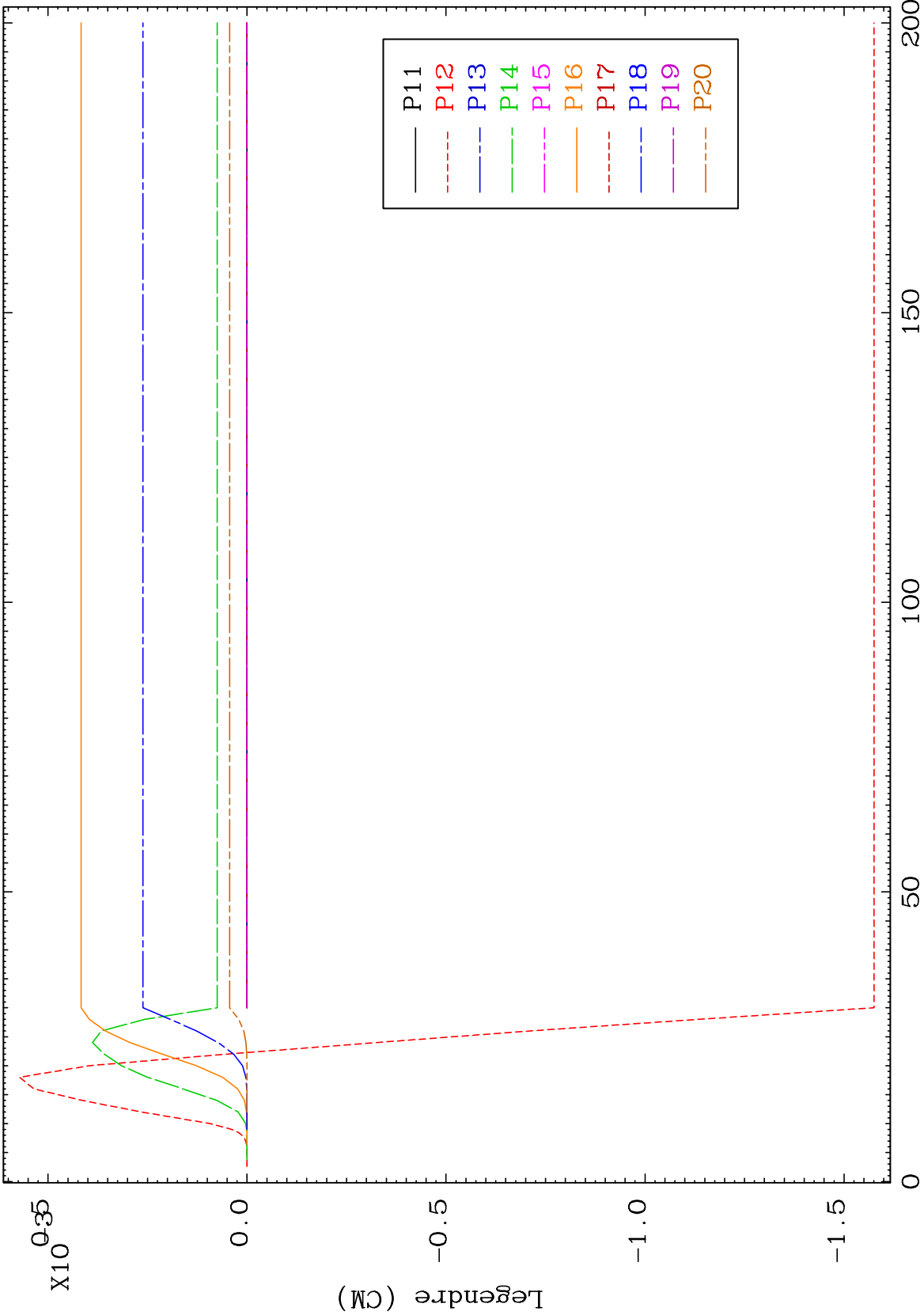




MAT 6728

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

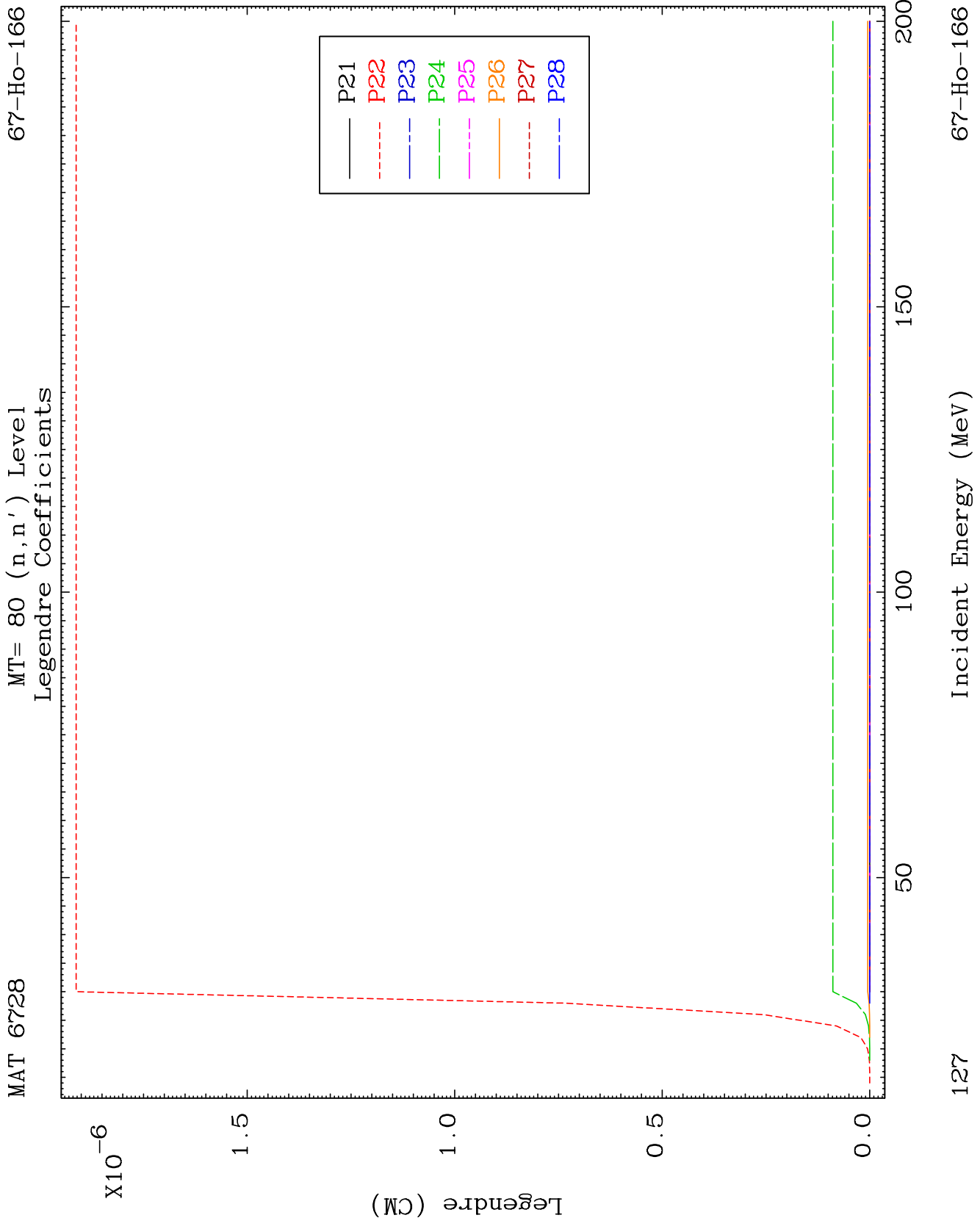
67-Ho-166



126

Incident Energy (MeV)

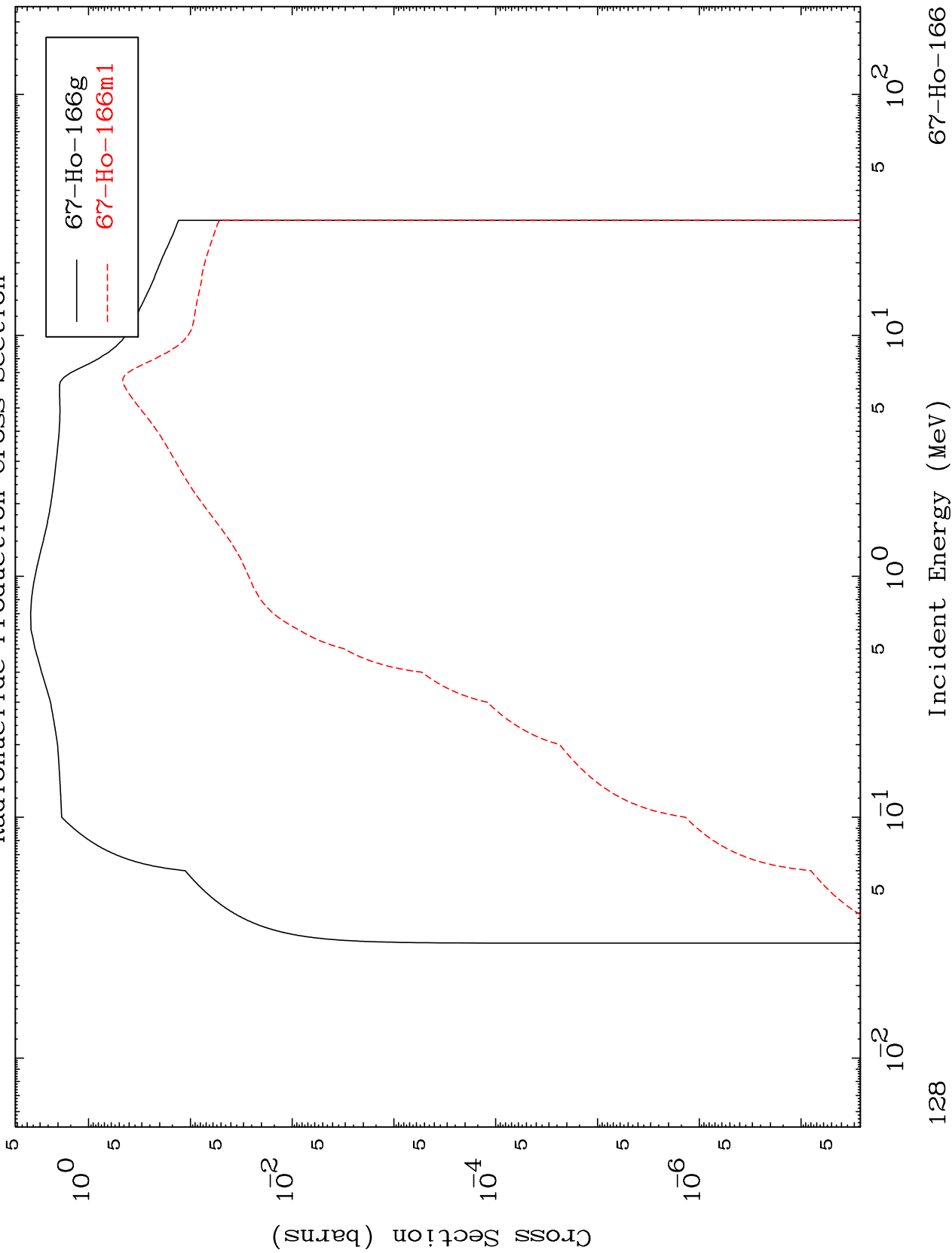
67-Ho-166



MAT 6728

67-Ho-166

Inelastic Radionuclide Production Cross Section



67-Ho-166

Incident Energy (MeV)

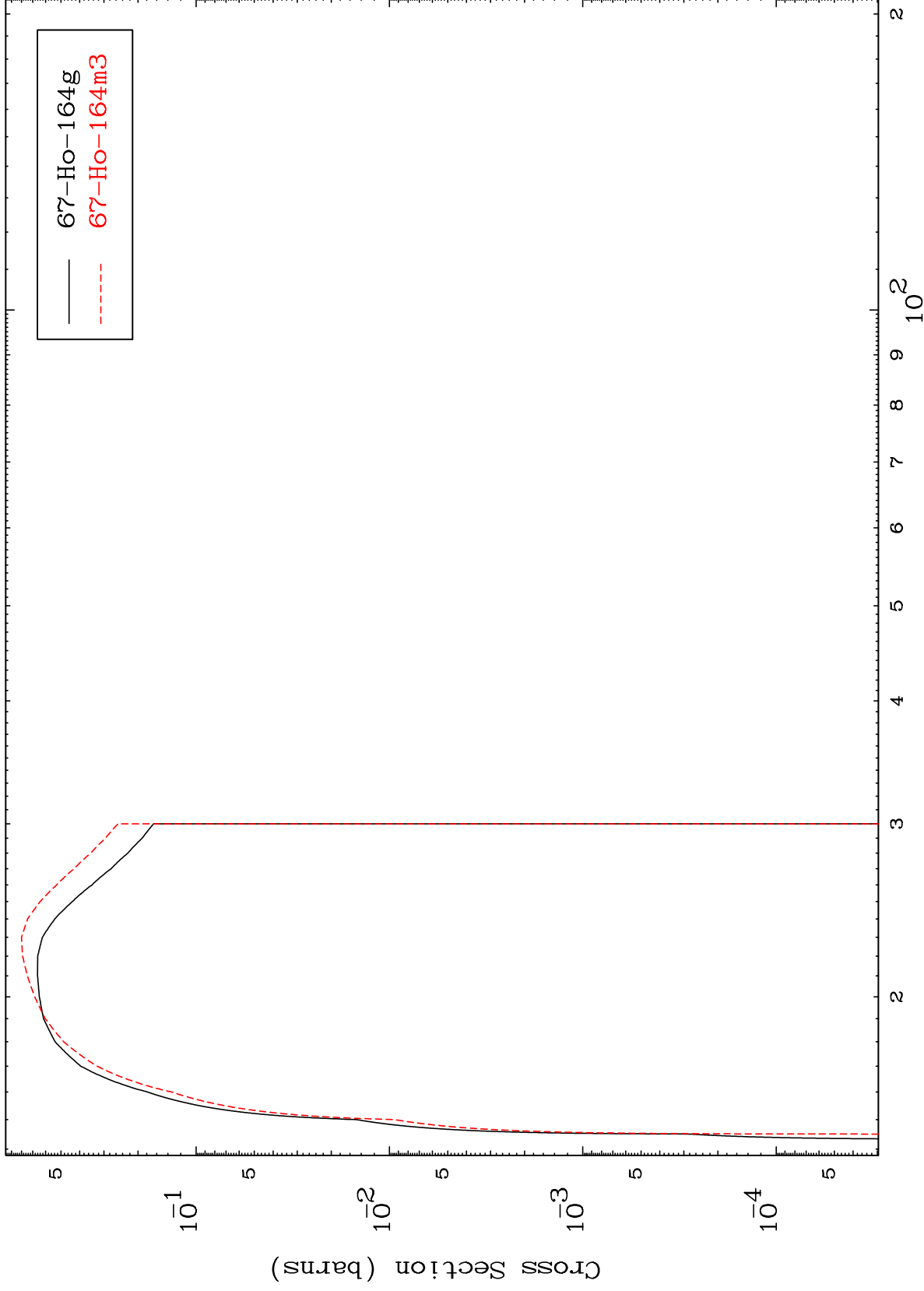
128

MAT 6728

(n,3n)

67-Ho-166

Radionuclide Production Cross Section



129

Incident Energy (MeV)

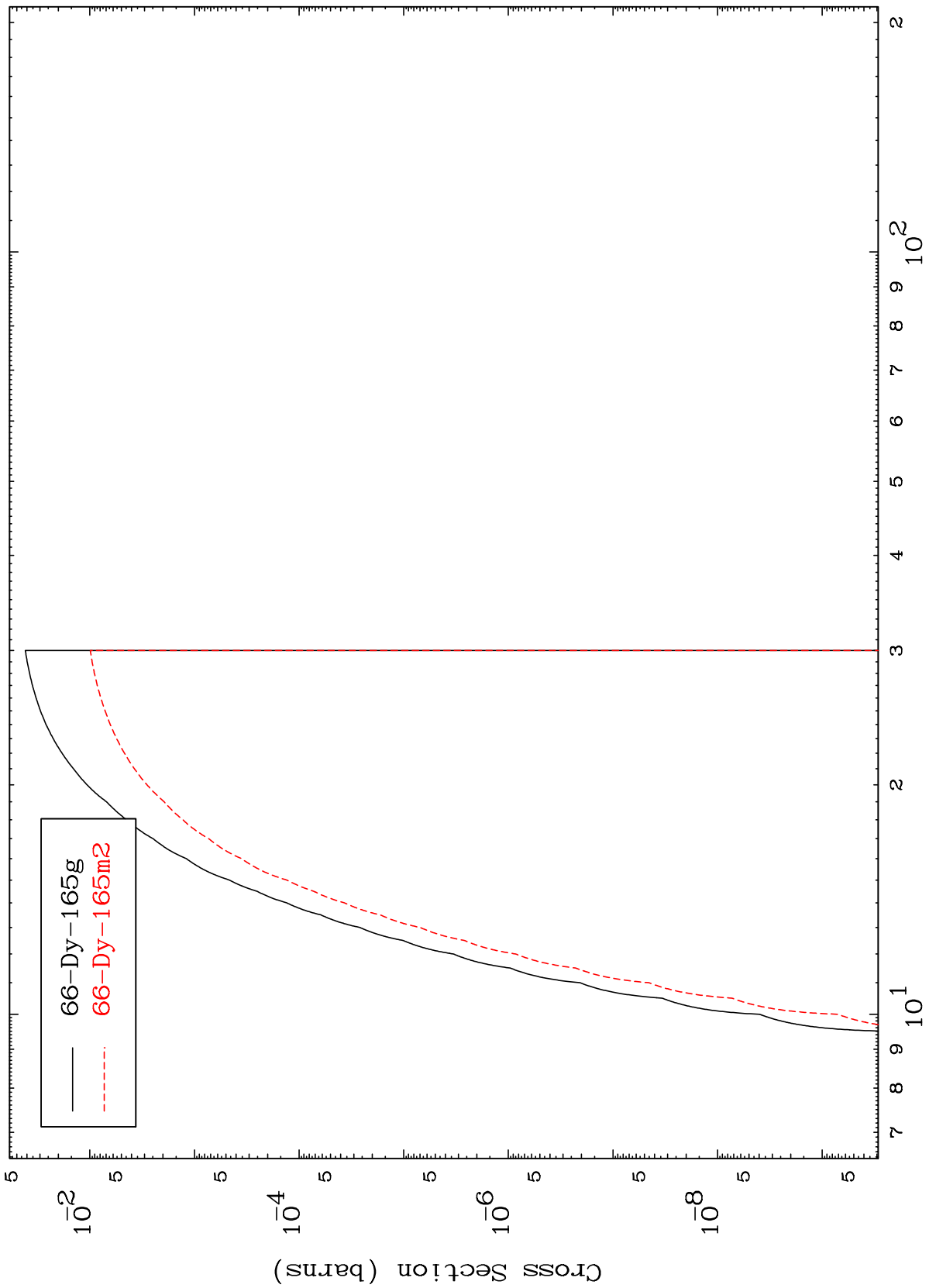
67-Ho-166

MAT 6728

(n,n') p

67-Ho-166

Radionuclide Production Cross Section



66-Dy-165g
66-Dy-165m2

130

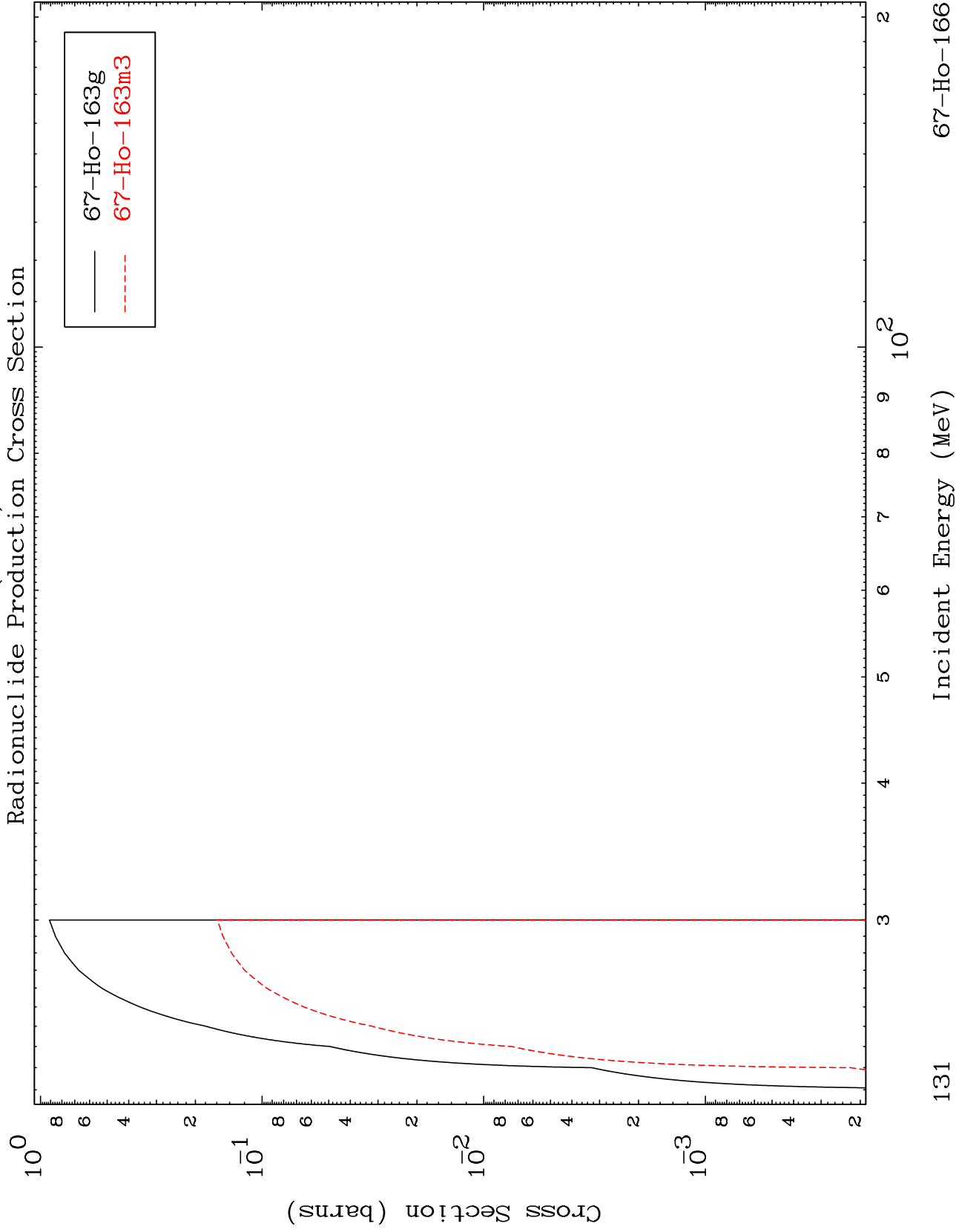
Incident Energy (MeV)

67-Ho-166

MAT 6728

(n,4n)

67-Ho-166



131

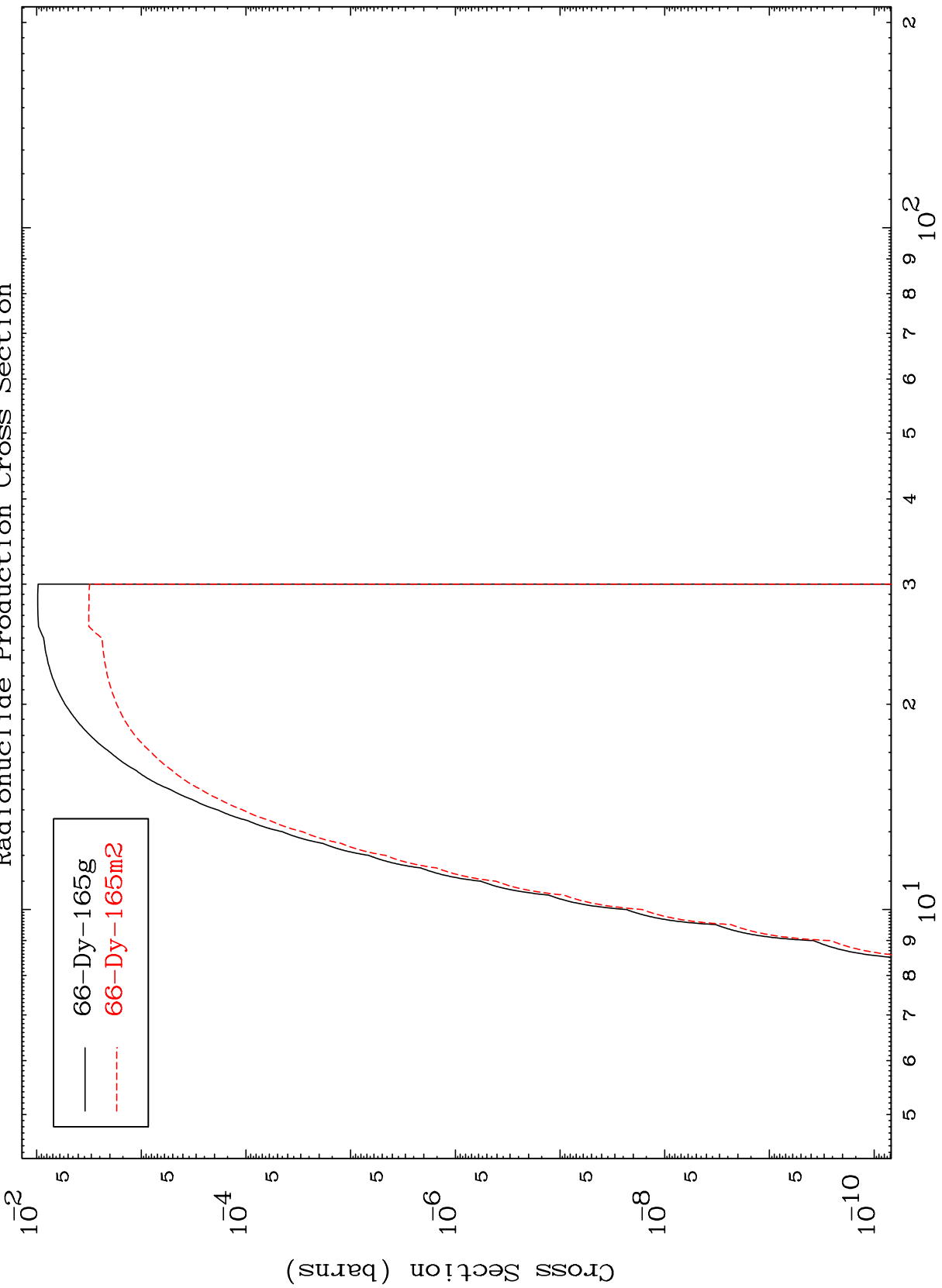
67-Ho-166

MAT 6728

(n,d)

⁶⁷Ho-166

Radionuclide Production Cross Section



132

Incident Energy (MeV)

⁶⁷Ho-166