

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

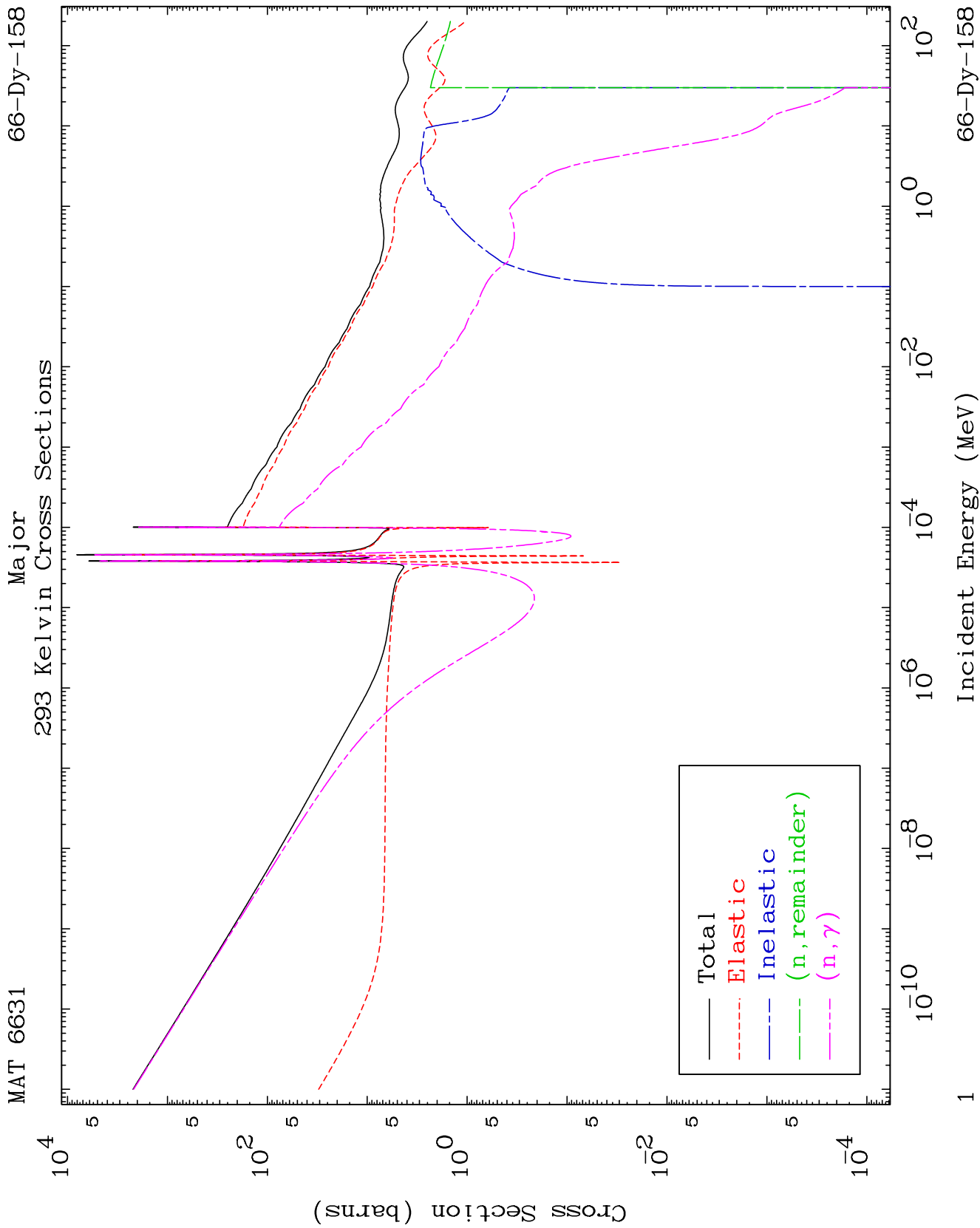
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

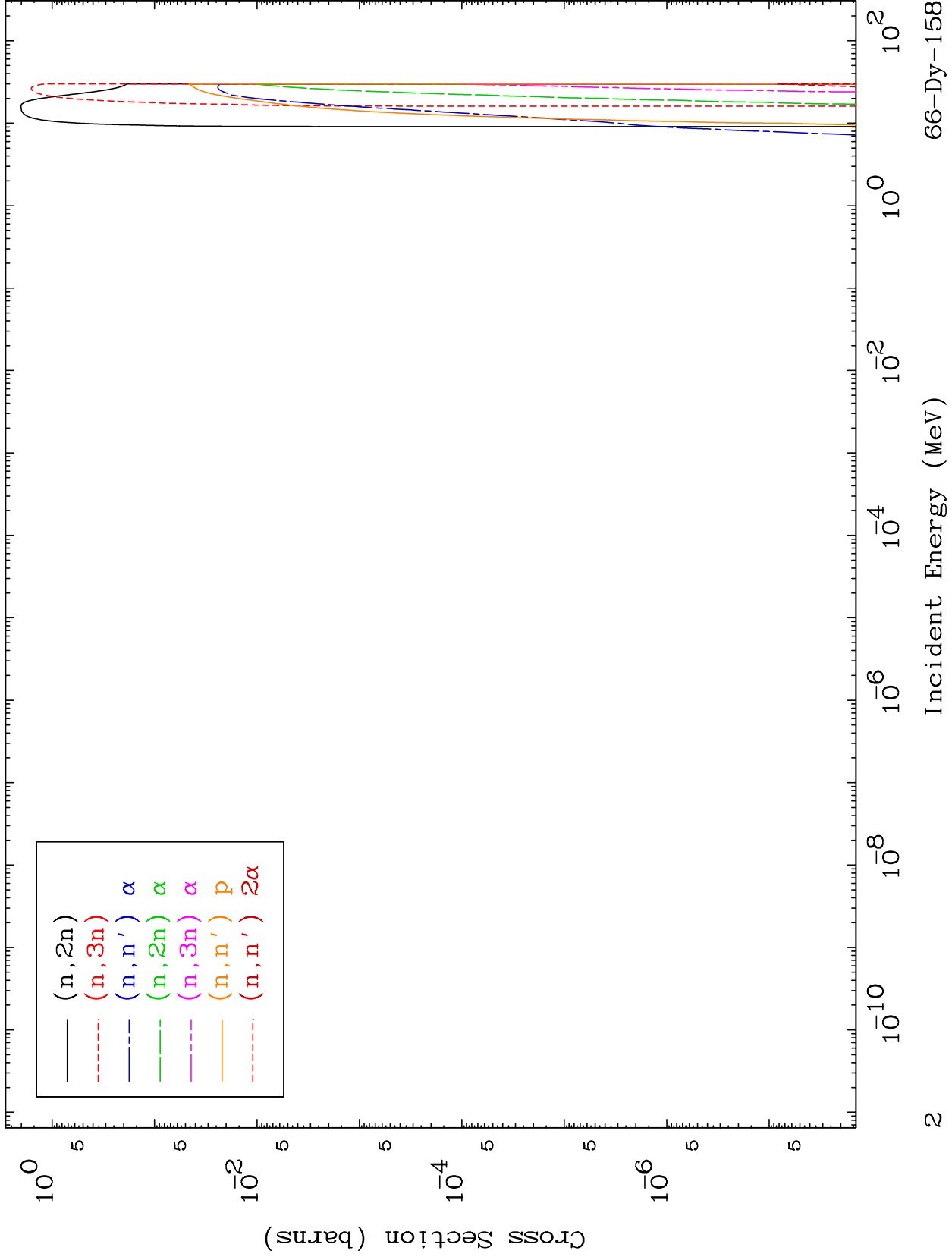
Press Mouse Button to Start

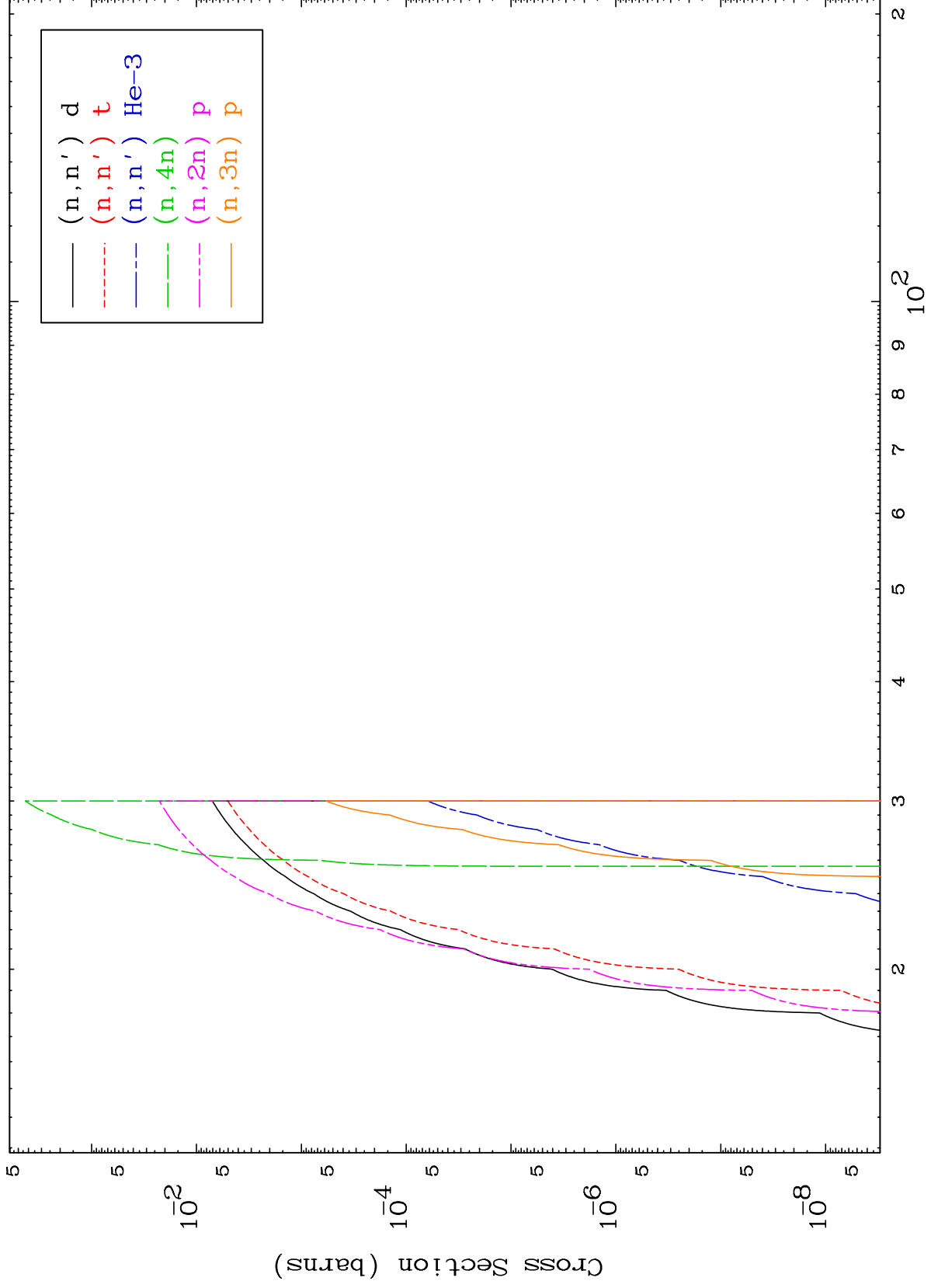


MAT 6631

Neutron Production
293 Kelvin Cross Sections

66-Dy-158

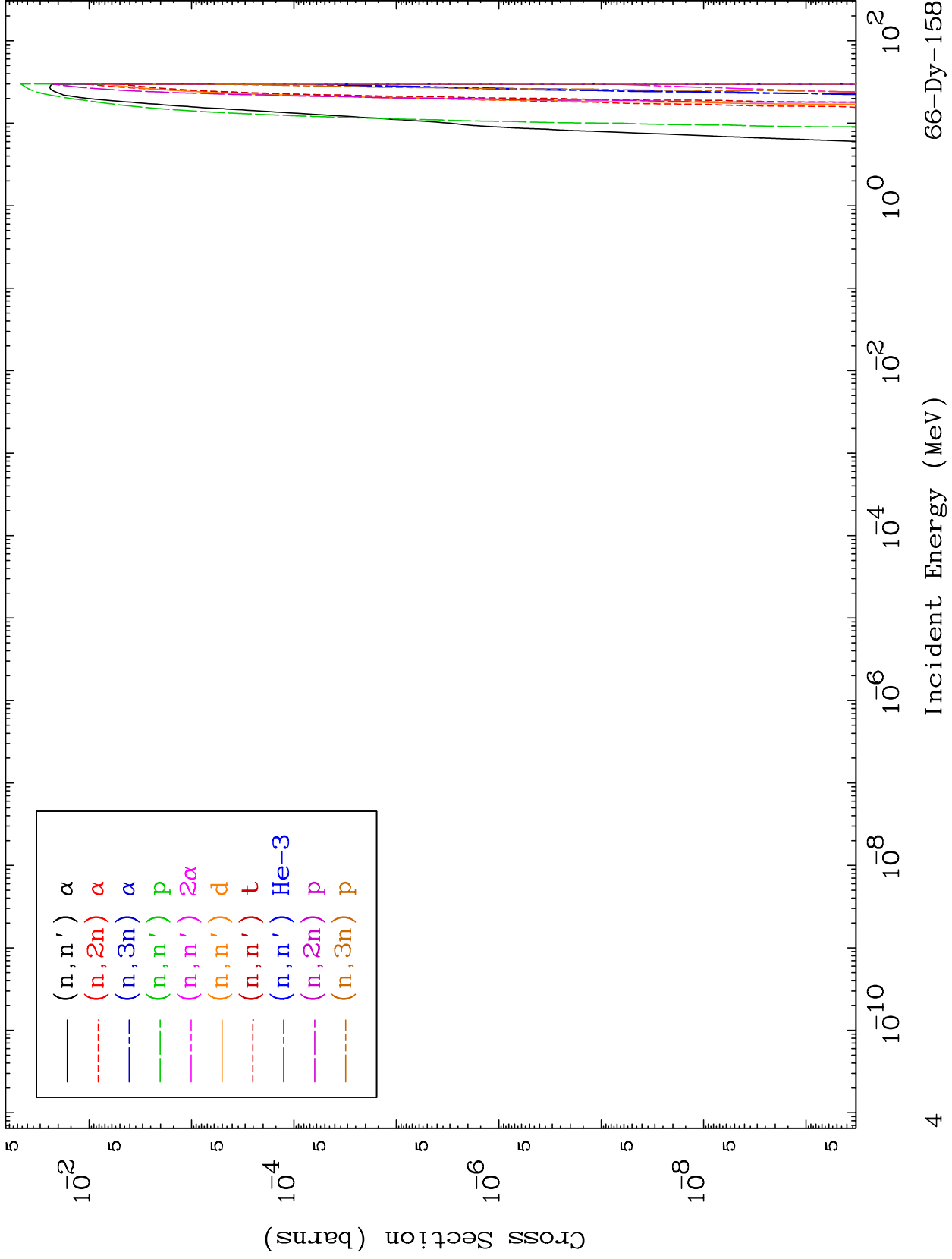




MAT 6631

Charged Particle
293 Kelvin Cross Sections

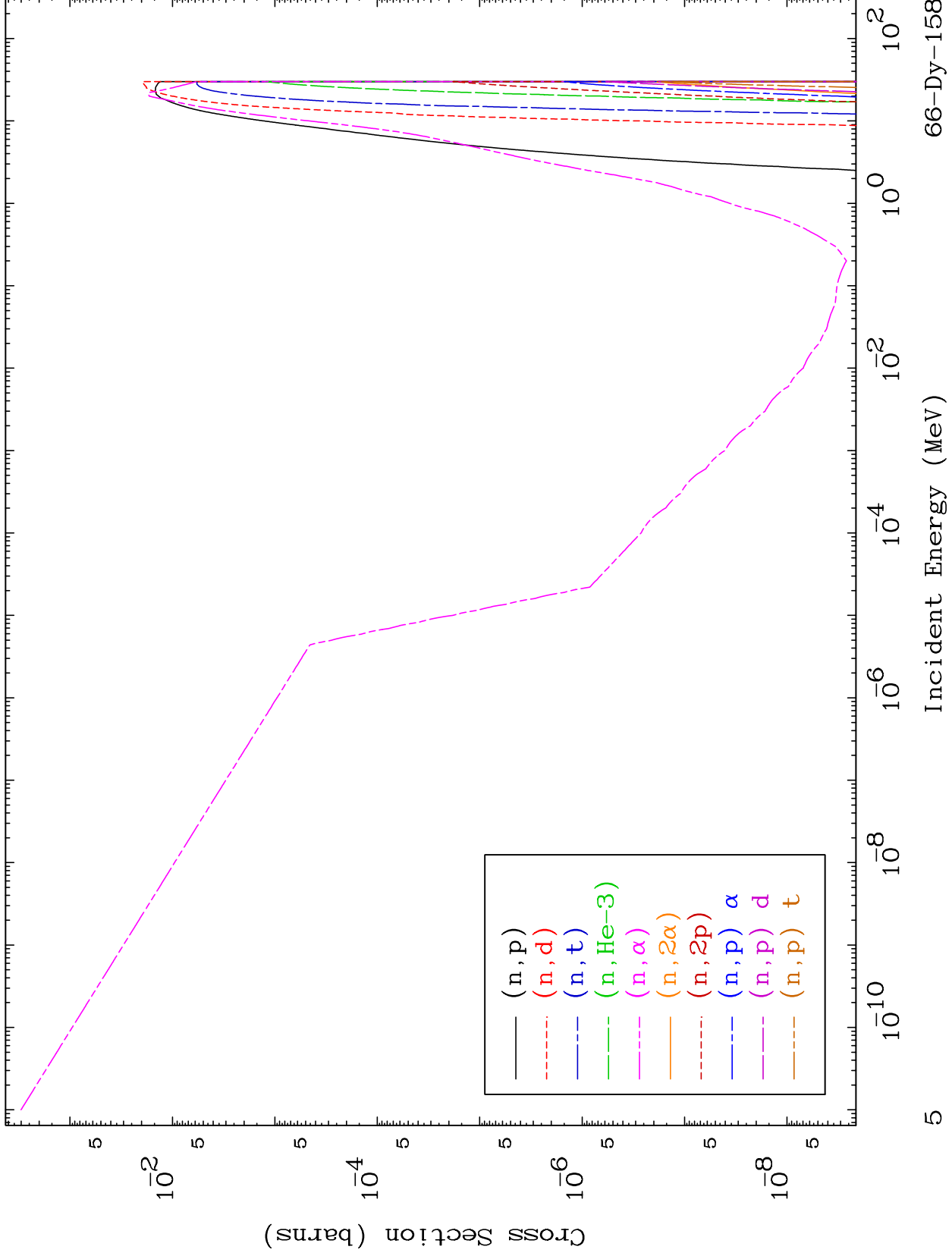
66-Dy-158



MAT 6631

Charged Particle
293 Kelvin Cross Sections

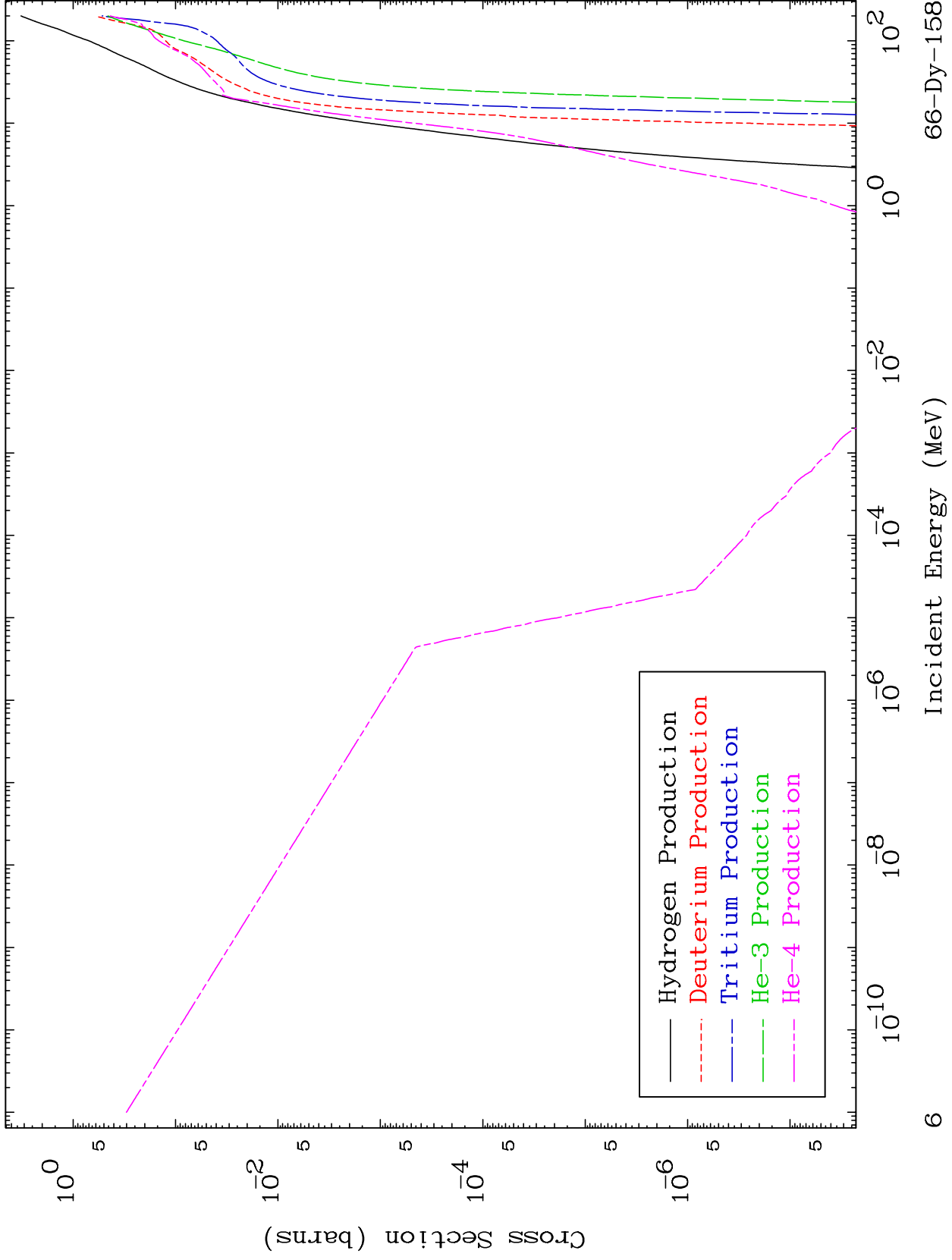
66-Dy-158



MAT 6631

Particle Production
293 Kelvin Cross Sections

66-Dy-158

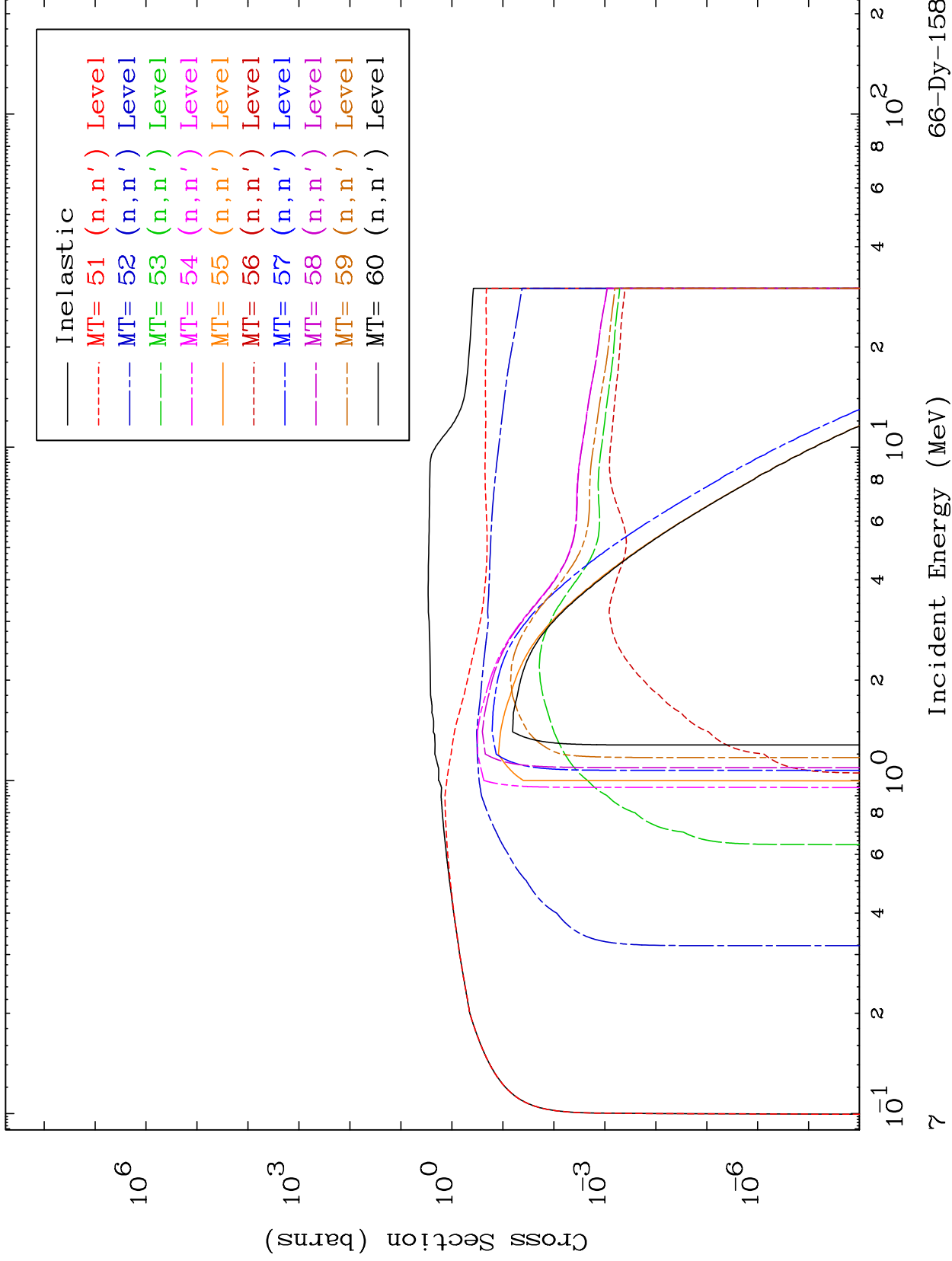


MAT 6631

(n,n') Level

66-Dy-158

293 Kelvin Cross Sections



Incident Energy (MeV)

66-Dy-158

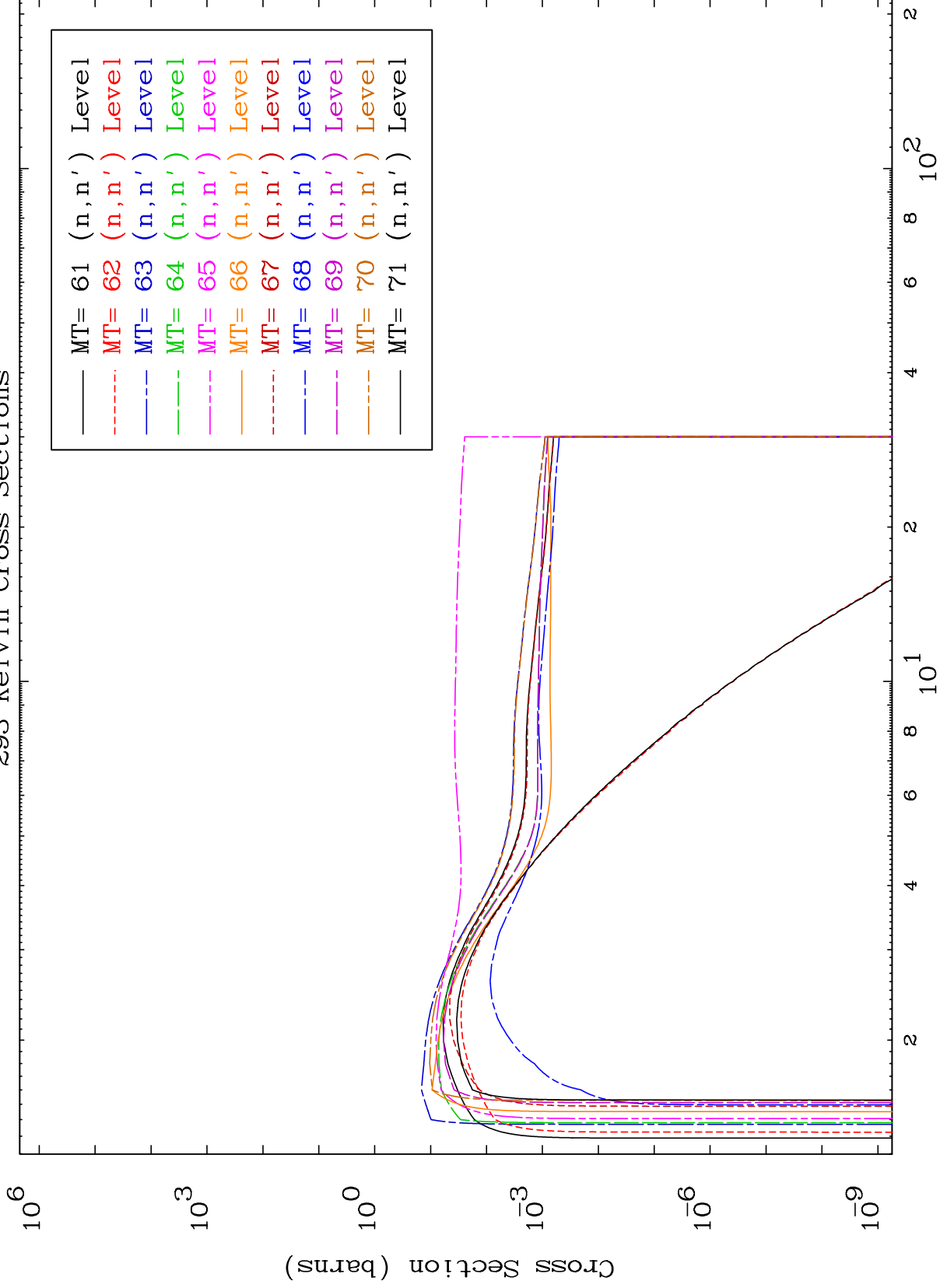
7

MAT 6631

(n,n') Level

66-Dy-158

293 Kelvin Cross Sections

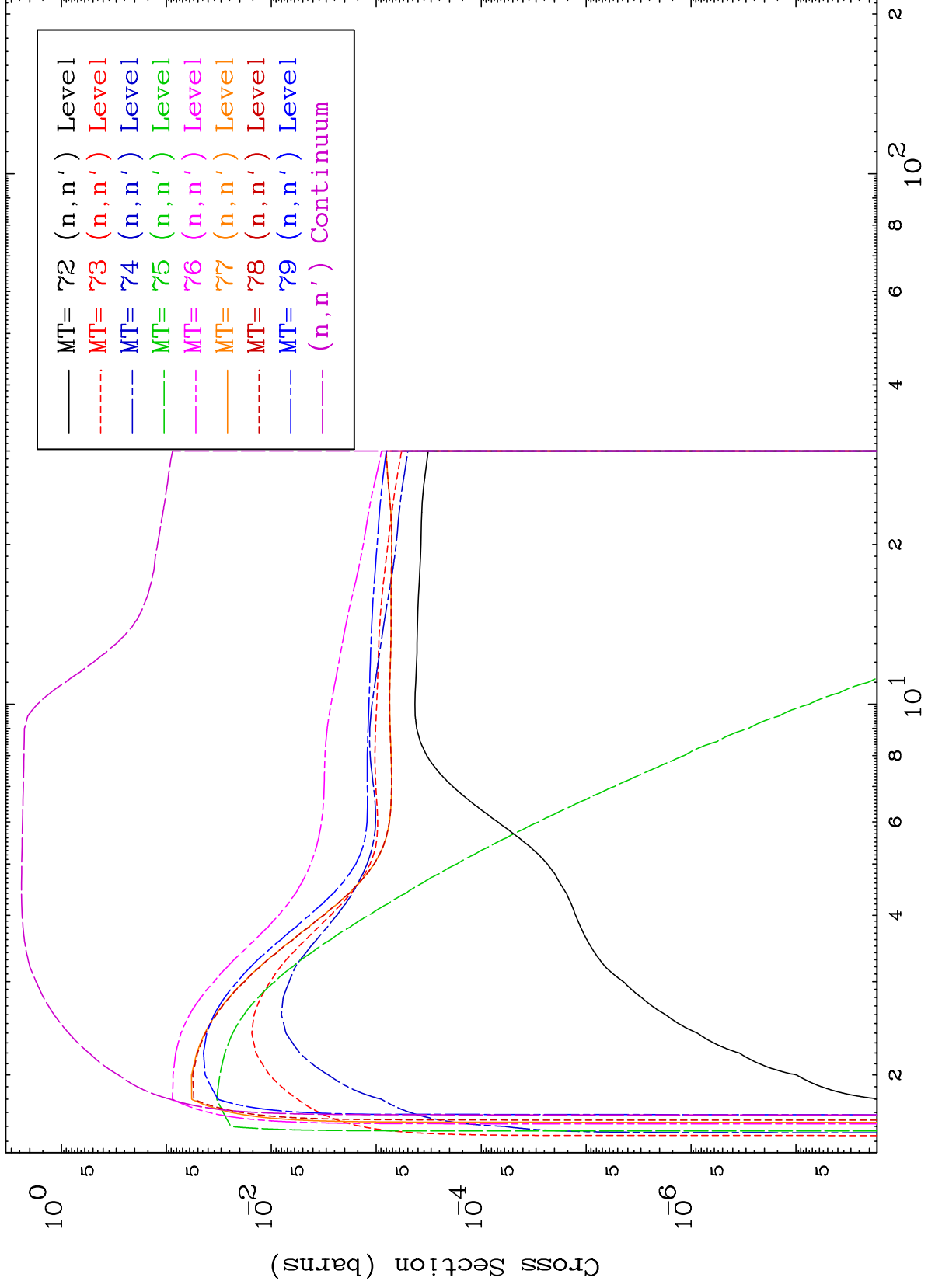


8

Incident Energy (MeV)

66-Dy-158

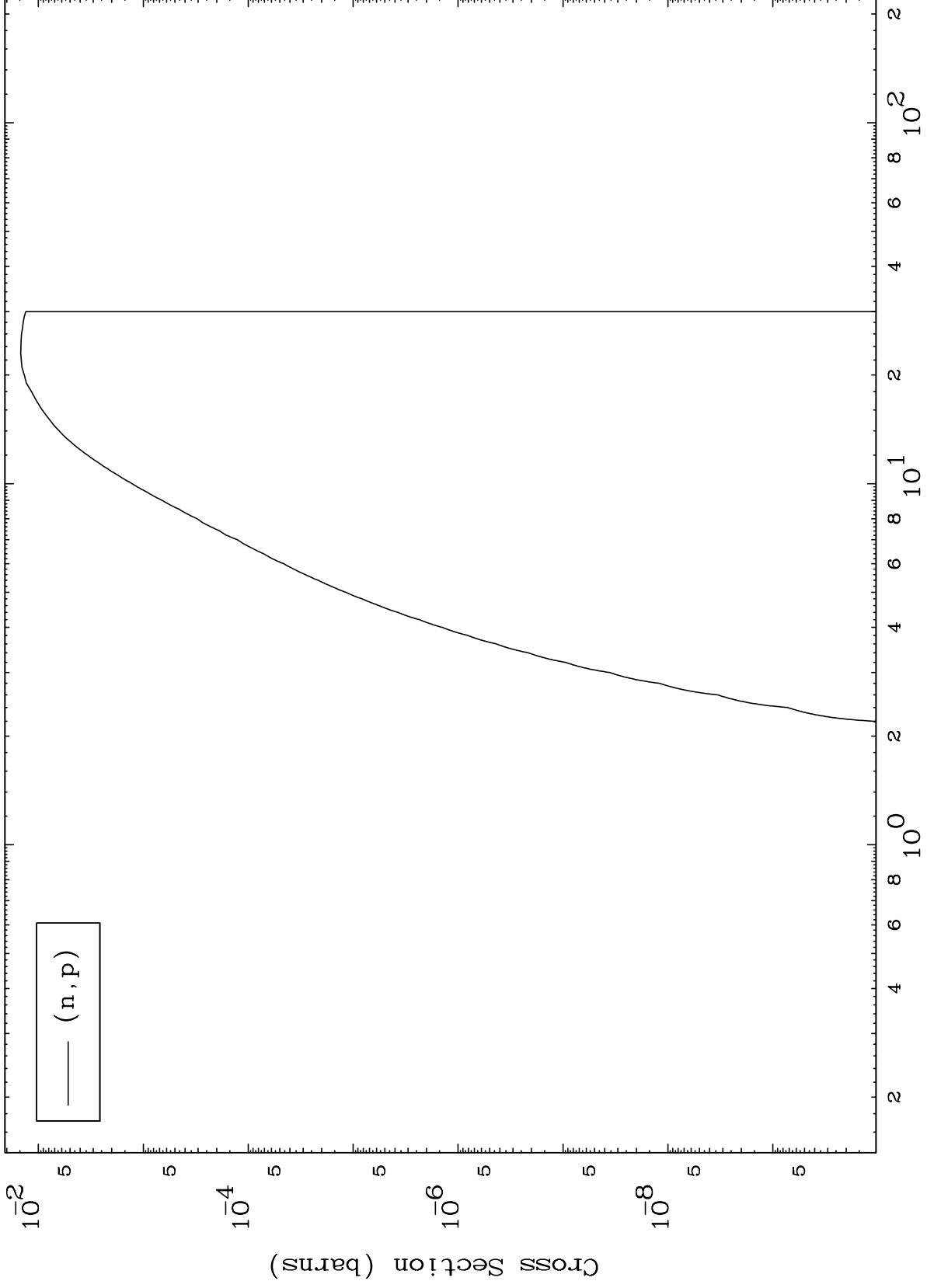
293 Kelvin Cross Sections



MAT 6631

(n,p) Levels
293 Kelvin Cross Sections

66-Dy-158



10

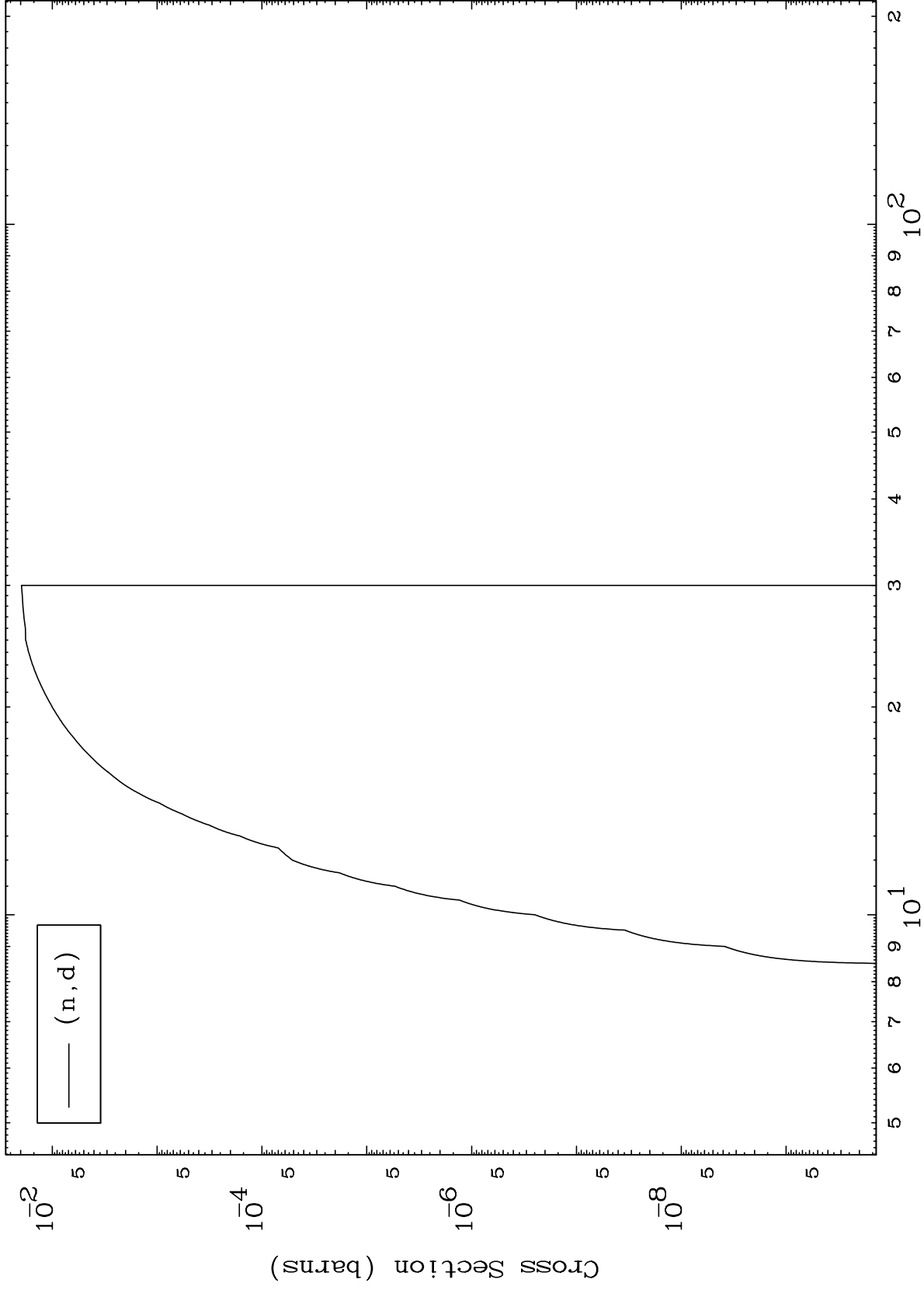
Incident Energy (MeV)

66-Dy-158

MAT 6631

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-158



11

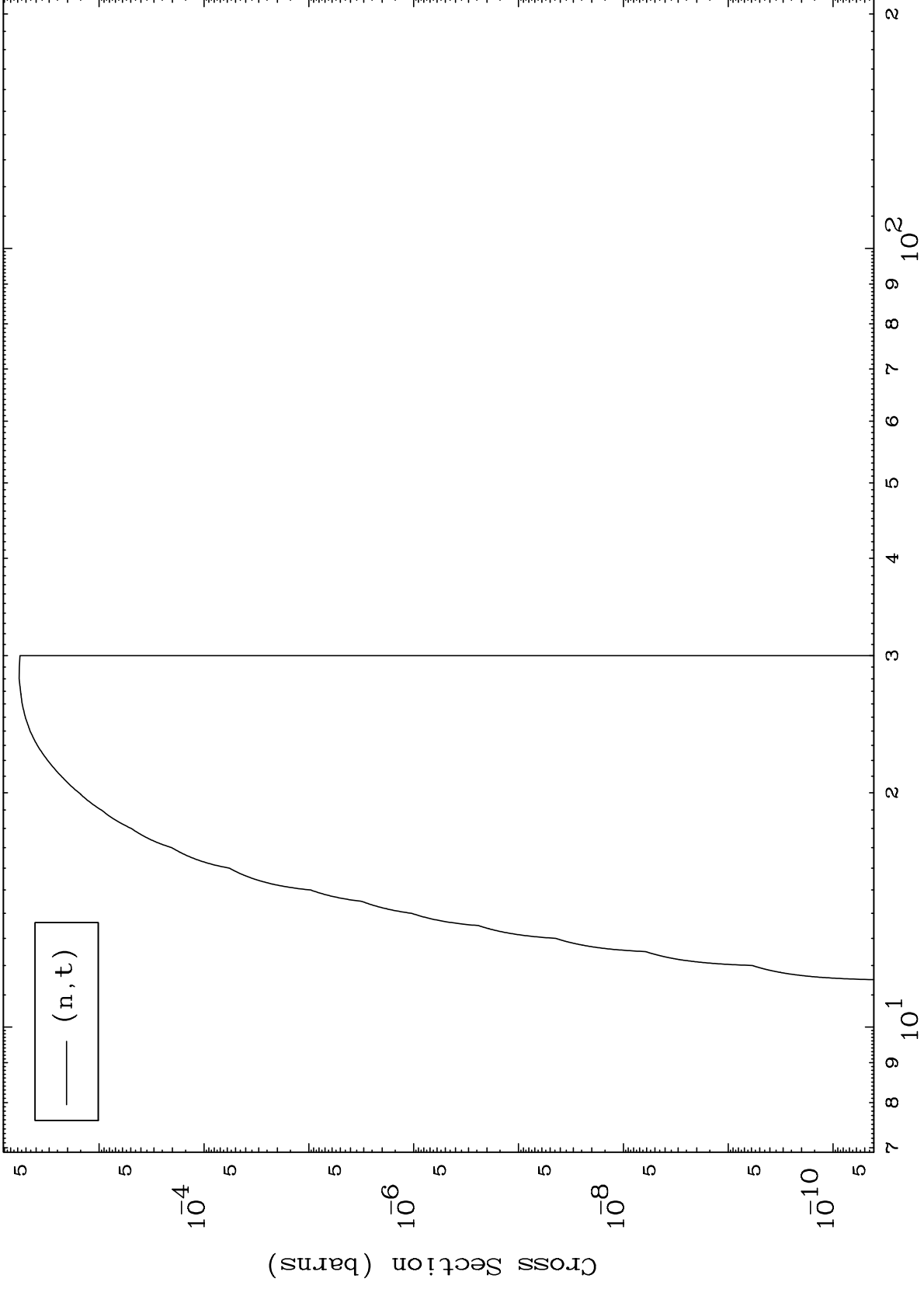
Incident Energy (MeV)

66-Dy-158

MAT 6631

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-158



12

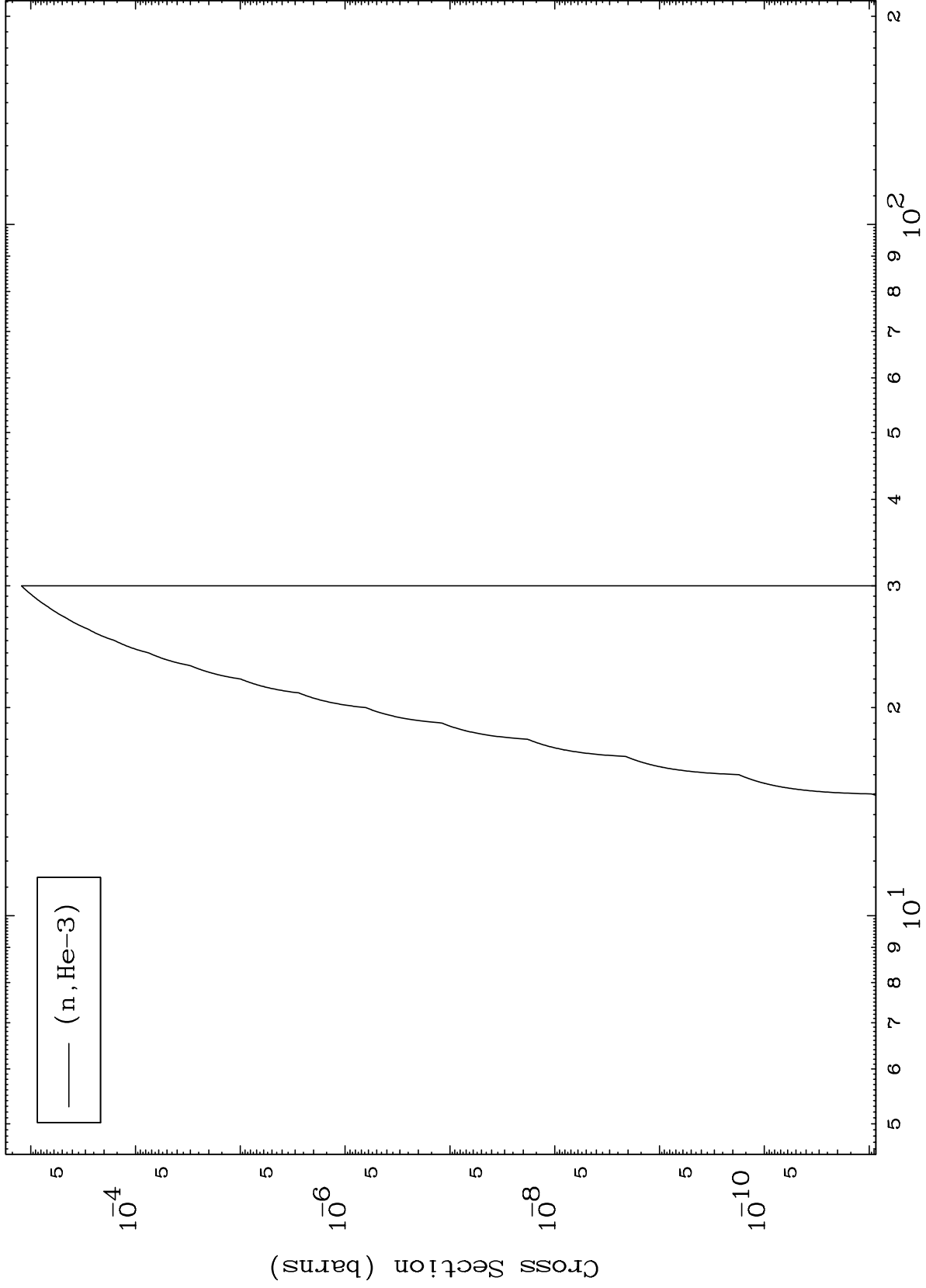
Incident Energy (MeV)

66-Dy-158

MAT 6631

(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-158



13

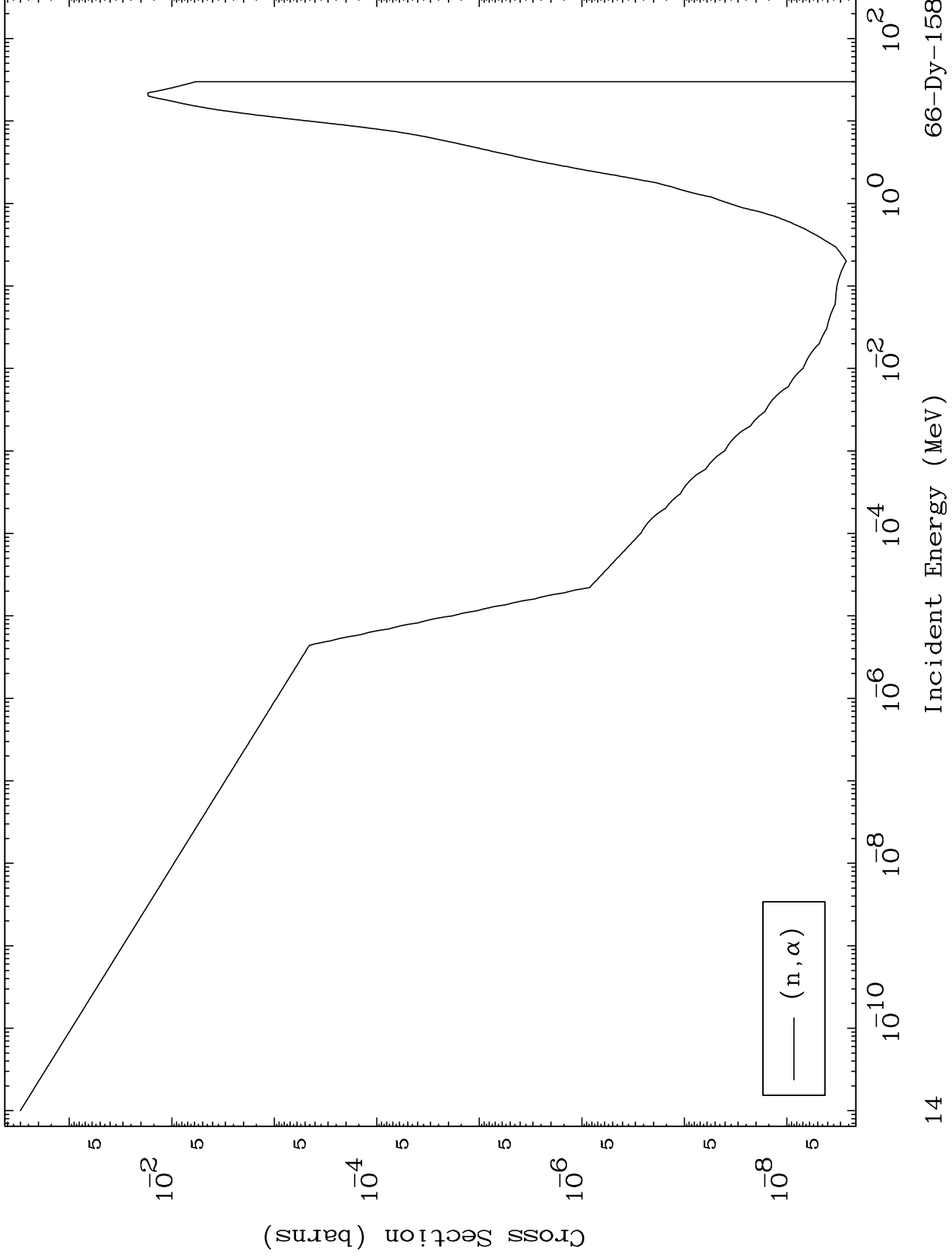
Incident Energy (MeV)

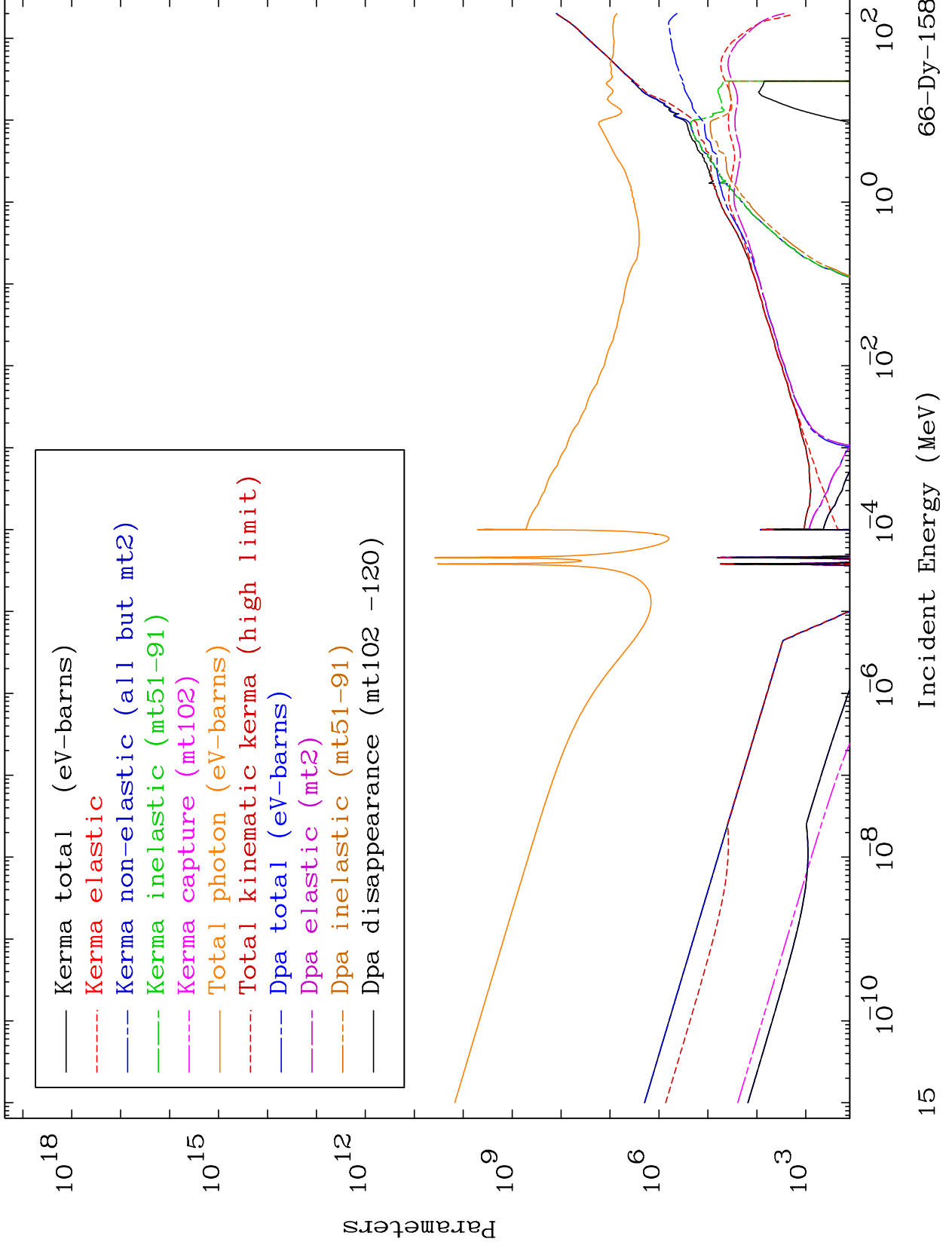
66-Dy-158

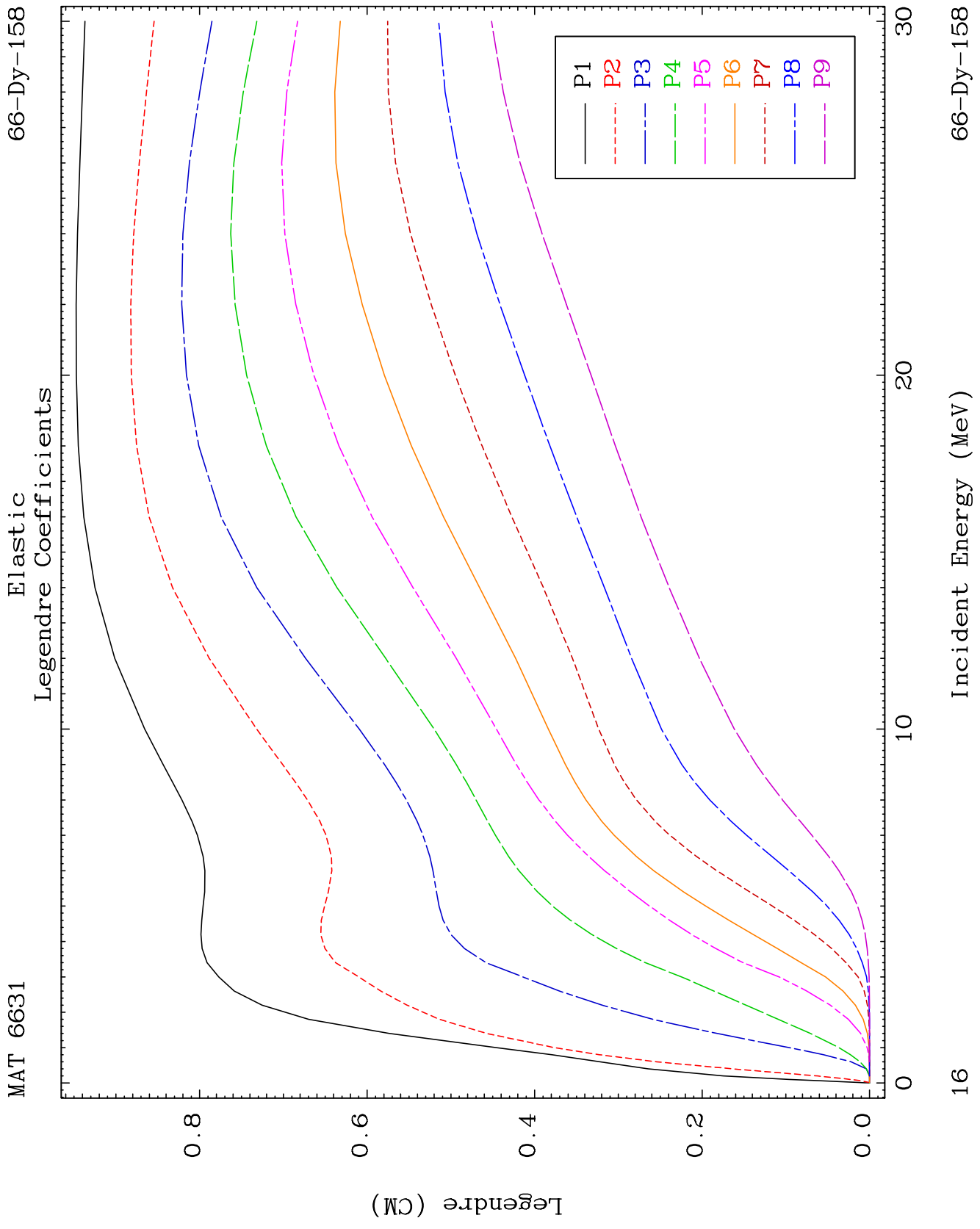
MAT 6631

(n,α) Levels
293 Kelvin Cross Sections

66-Dy-158







MAT 6631

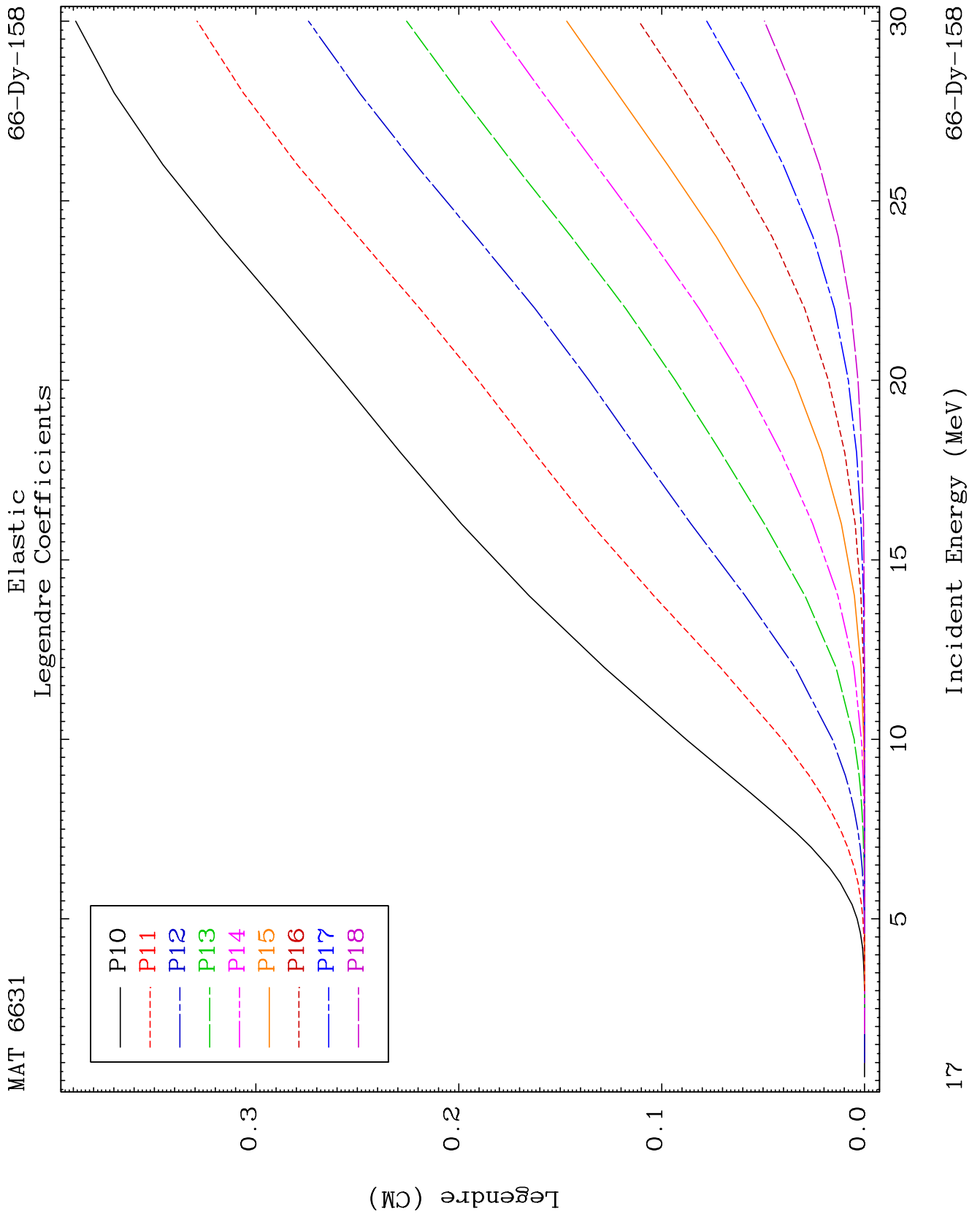
Elastic Legendre Coefficients

66-Dy-158

16

Incident Energy (MeV)

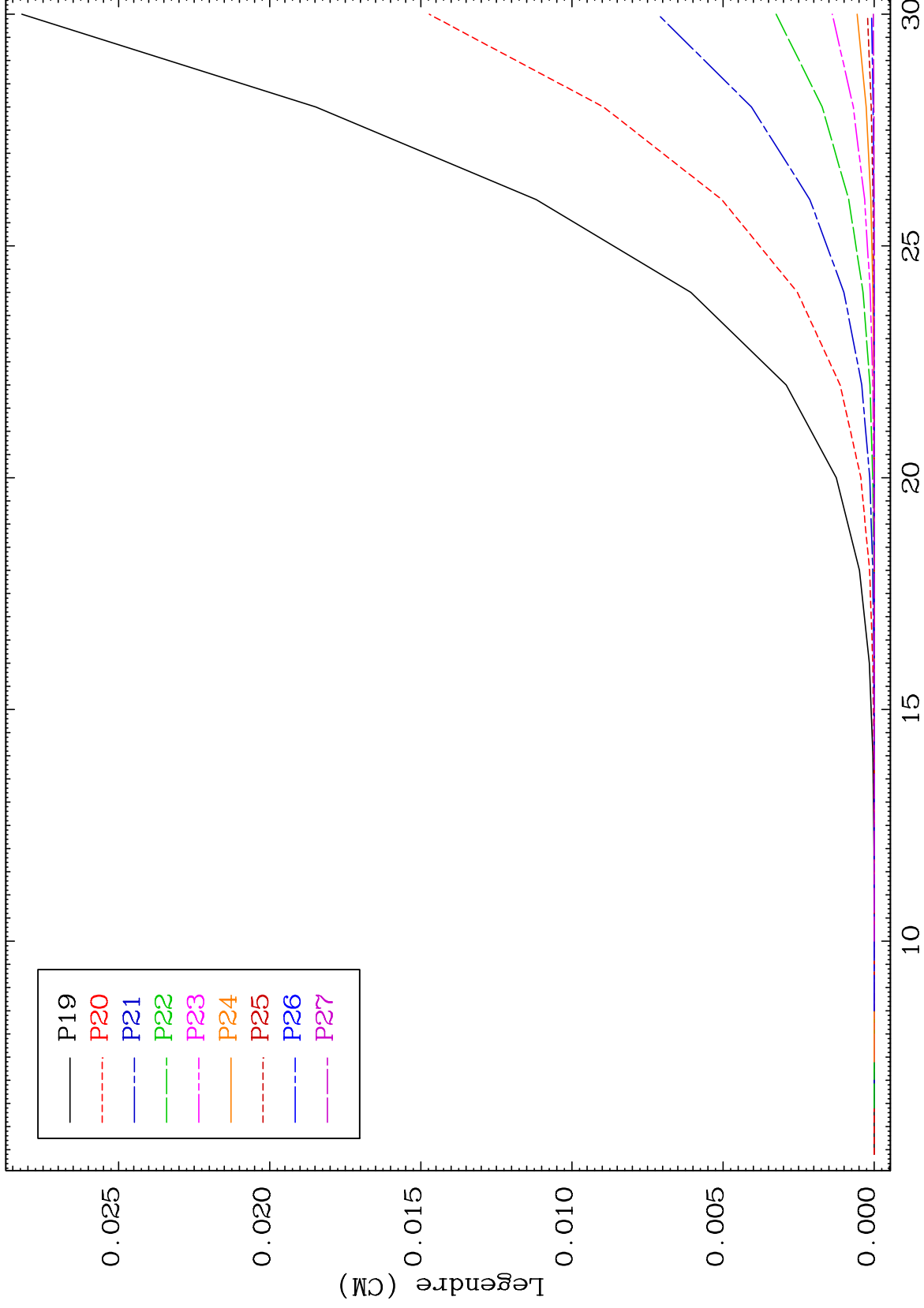
66-Dy-158



MAT 6631

Elastic Legendre Coefficients

66-Dy-158



18

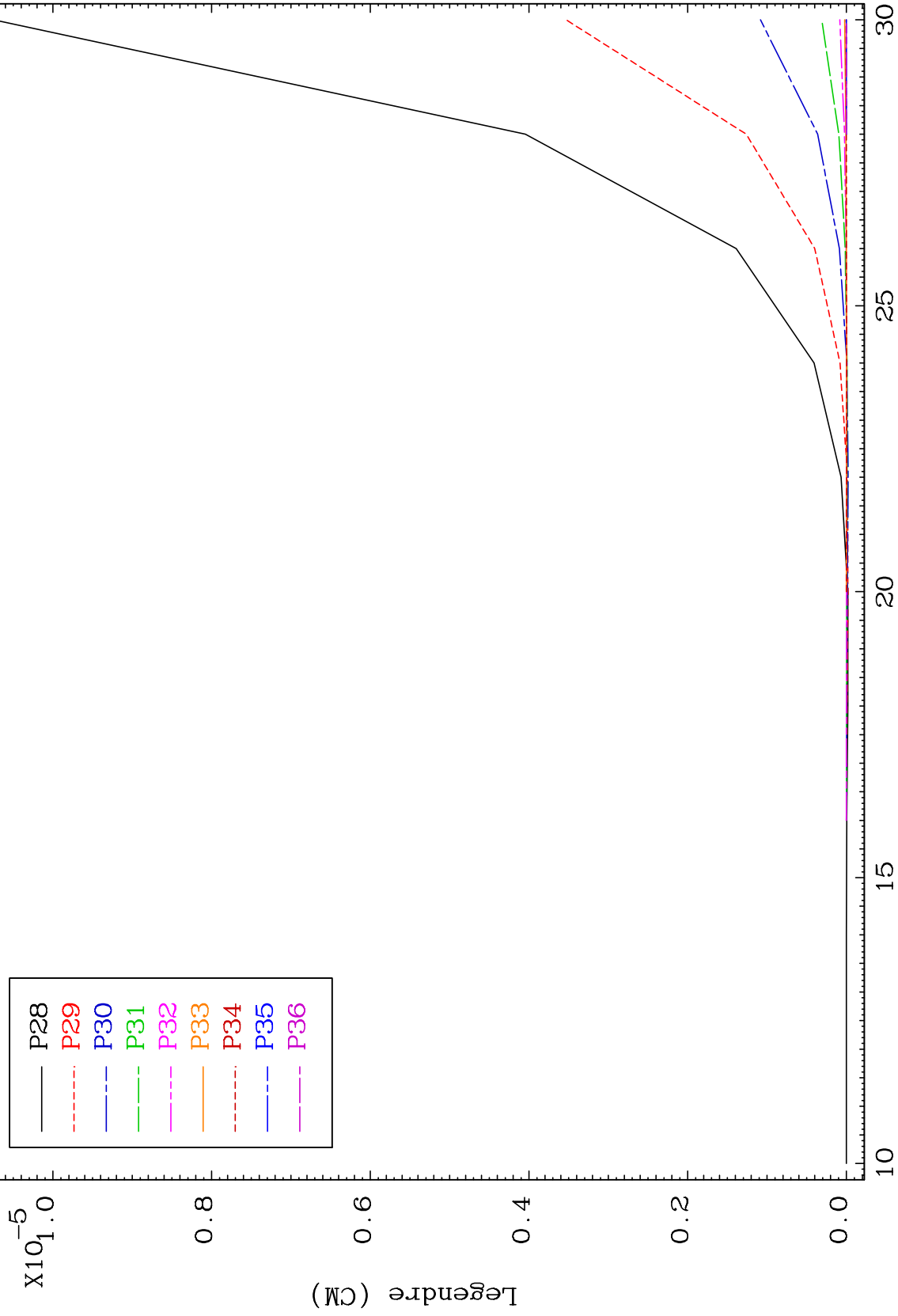
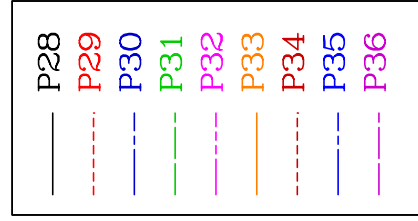
Incident Energy (MeV)

66-Dy-158

MAT 6631

Elastic Legendre Coefficients

66-Dy-158



19

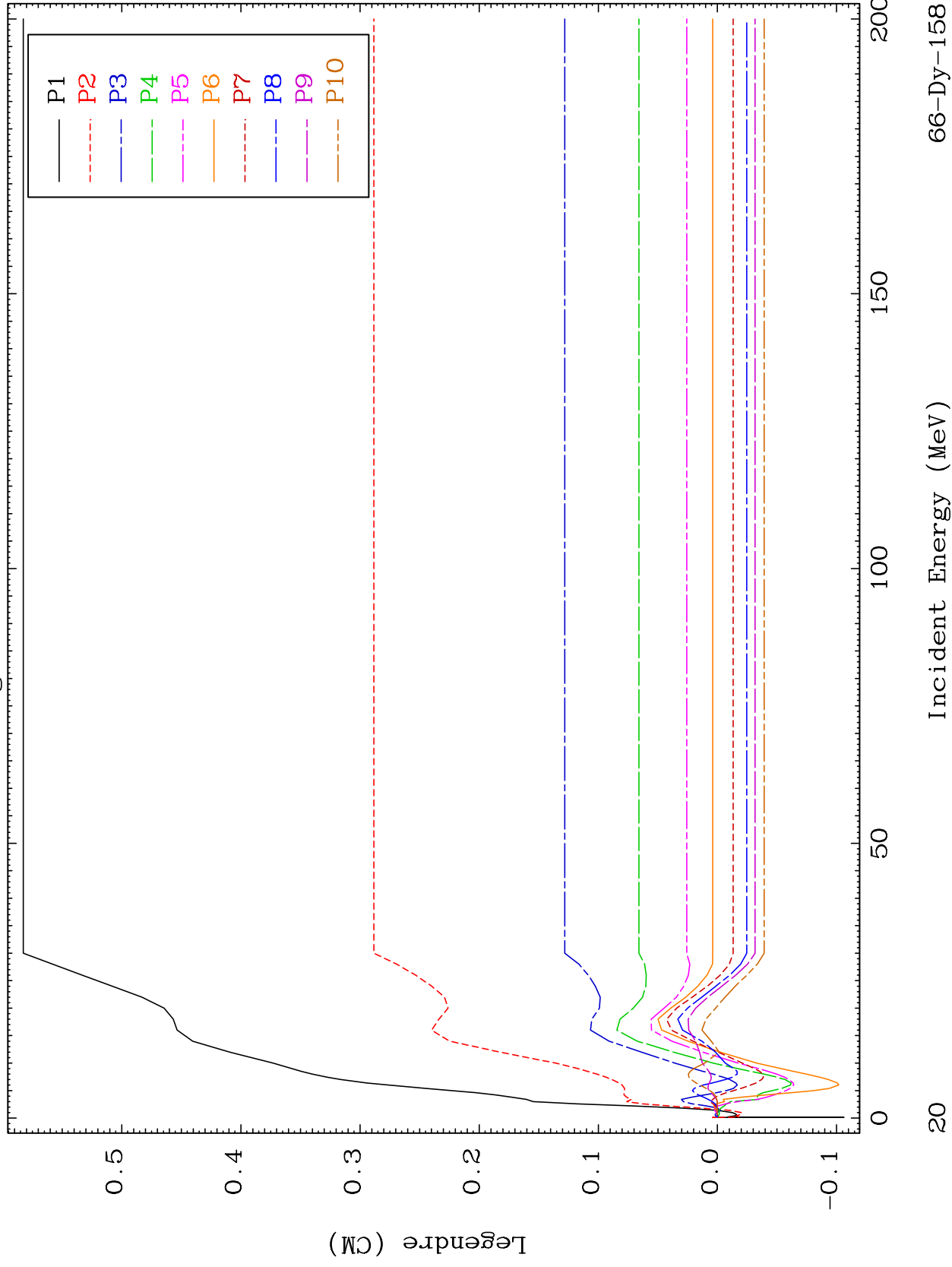
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

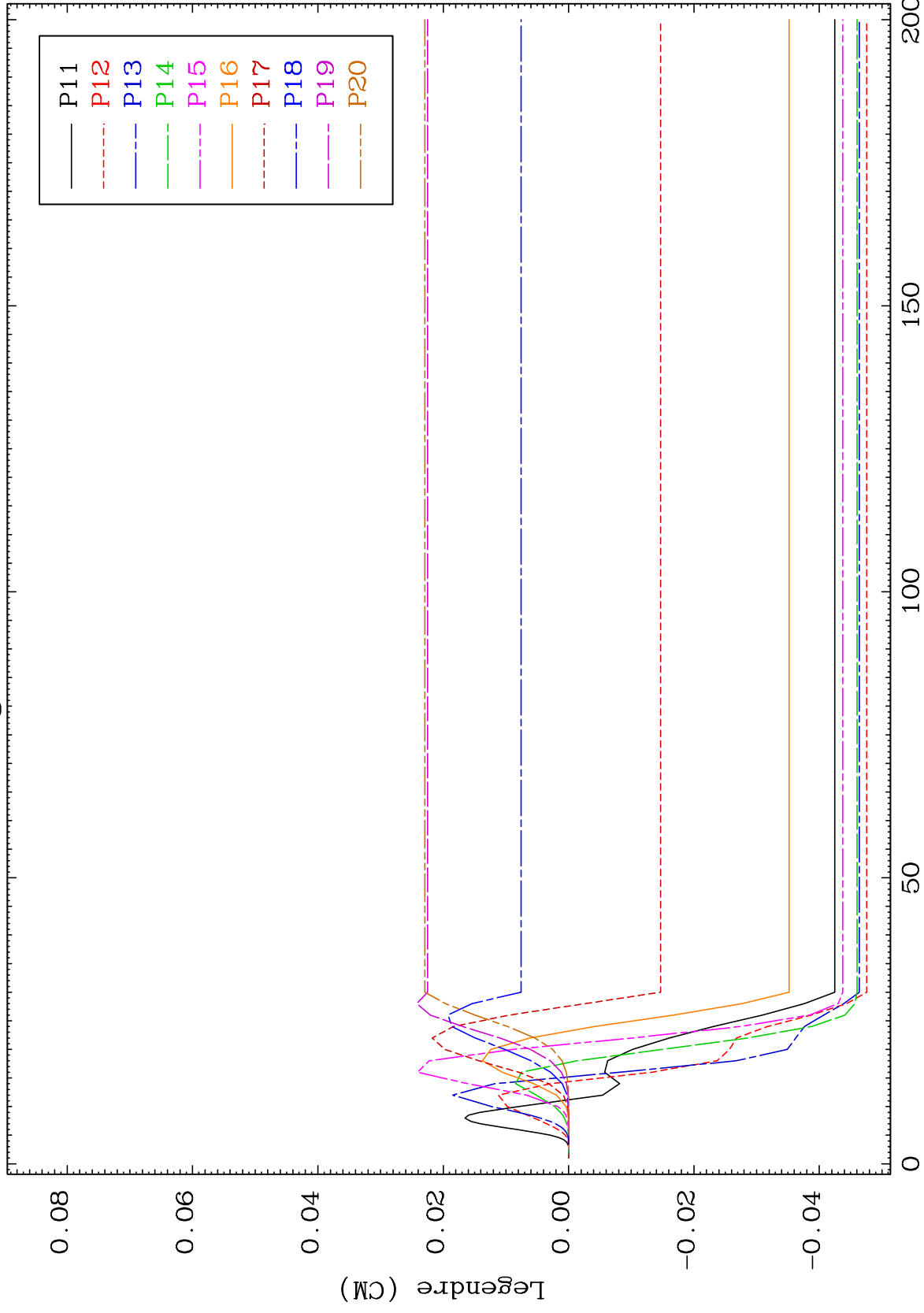
66-Dy-158



MAT 6631

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

66-Dy-158



21

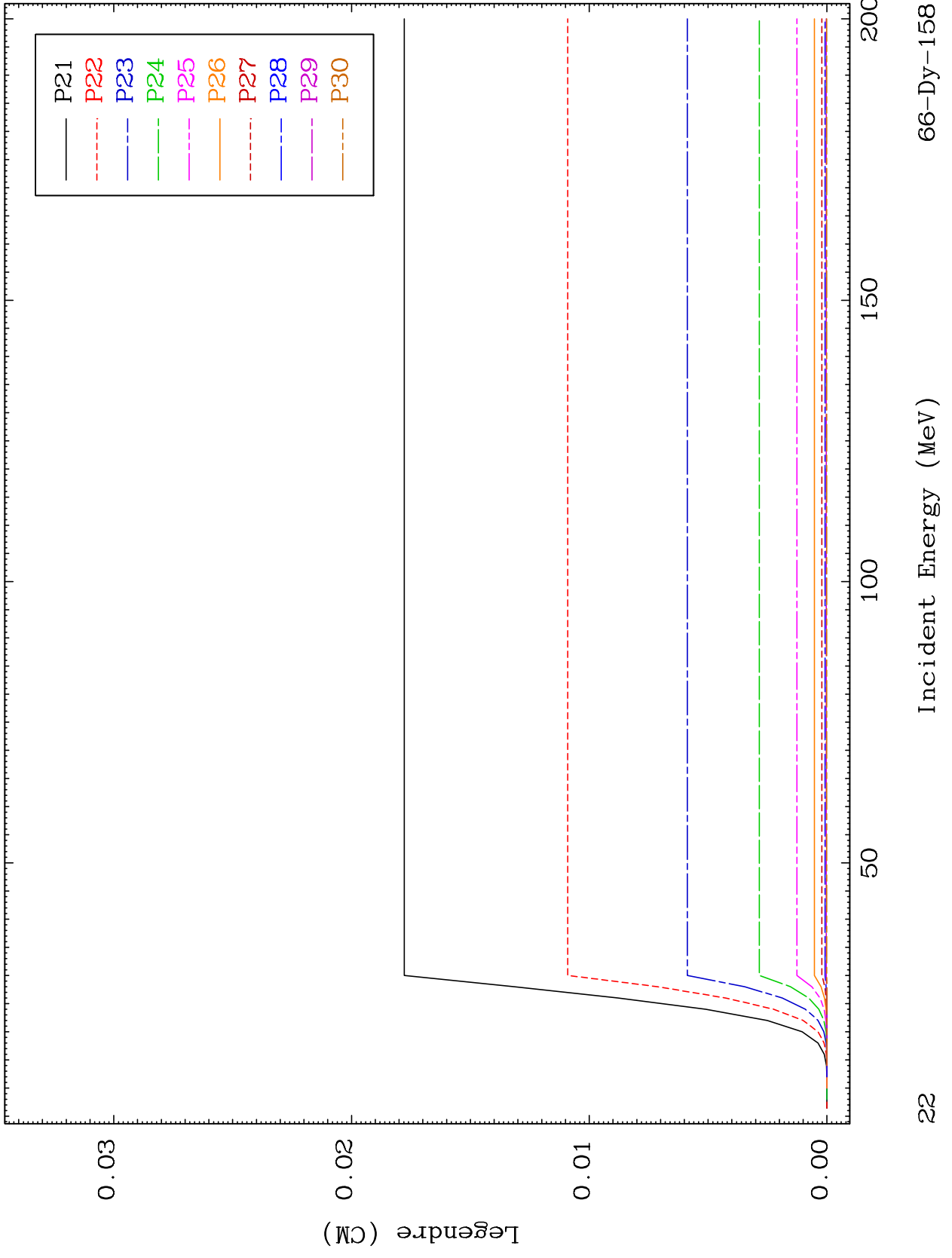
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



22

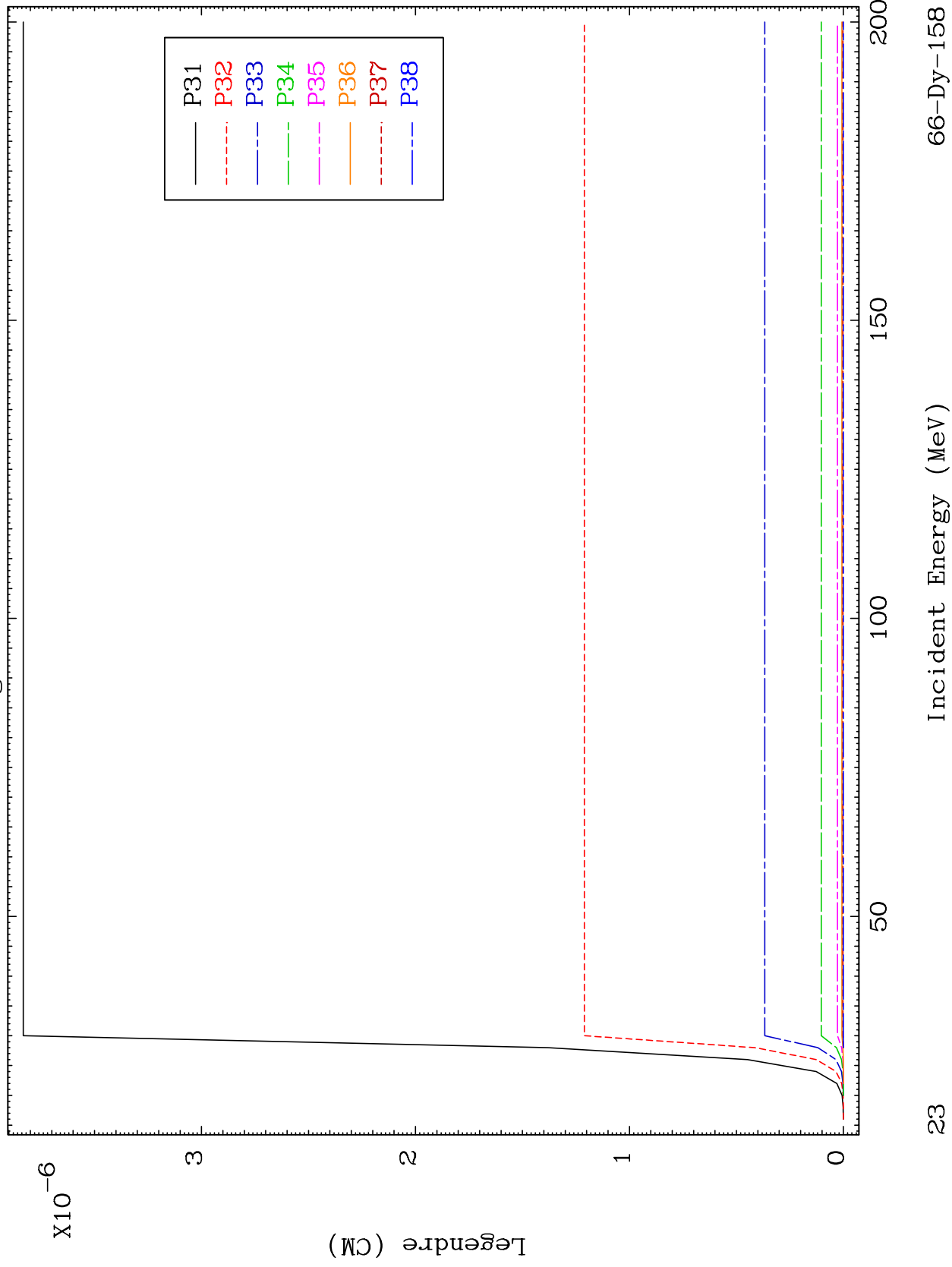
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

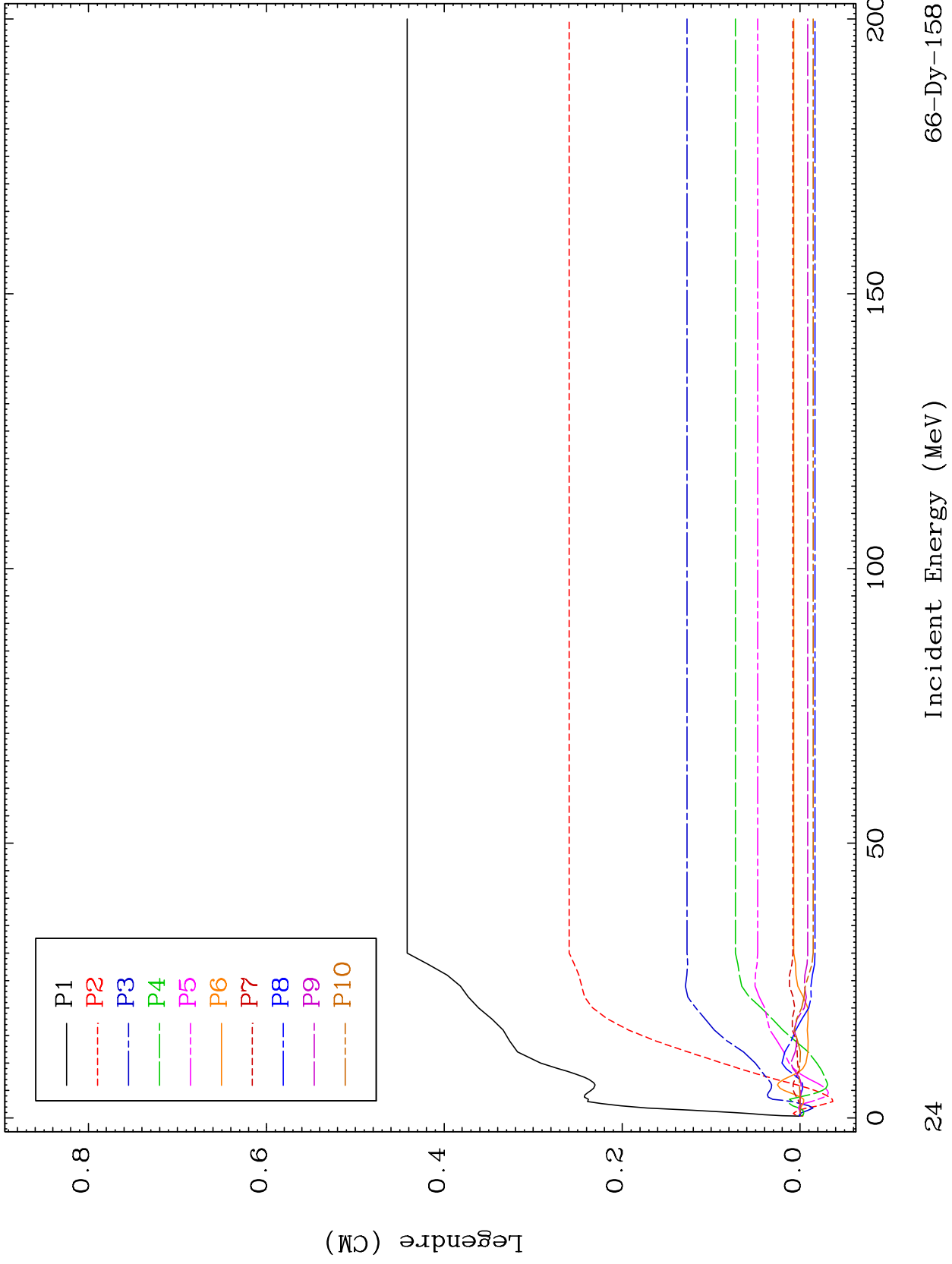
66-Dy-158



MAT 6631

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

66-Dy-158



24

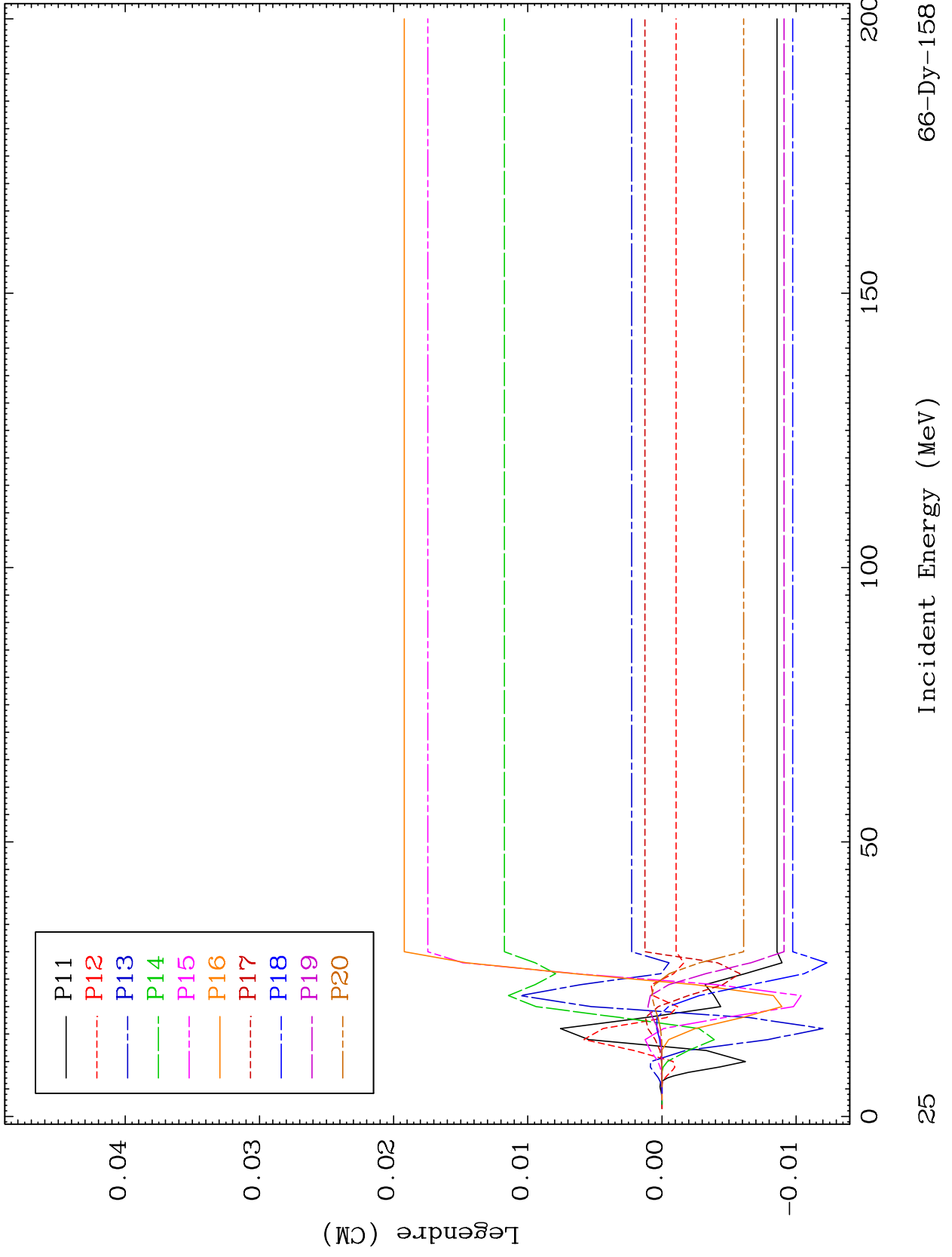
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

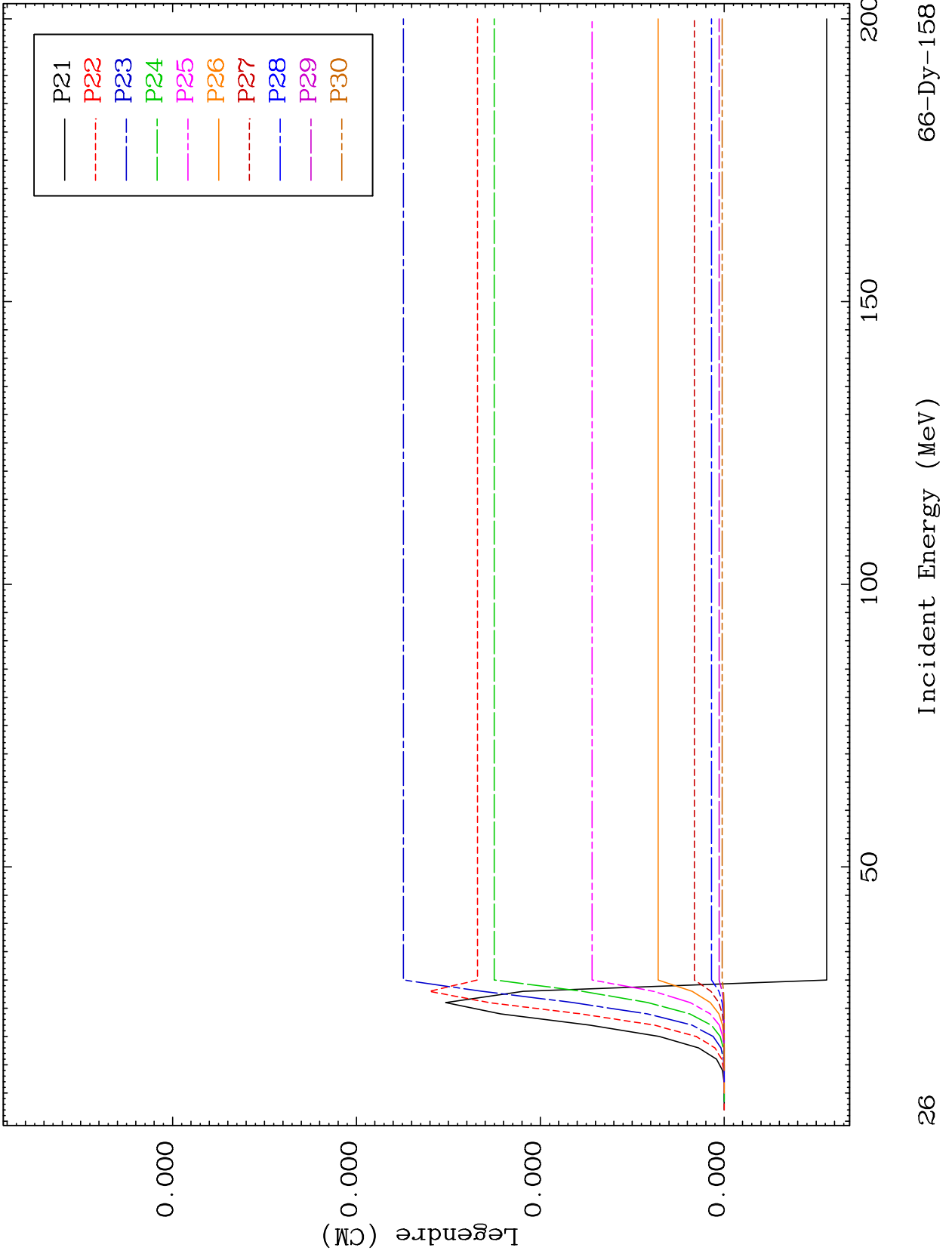
66-Dy-158



MAT 6631

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

66-Dy-158



26

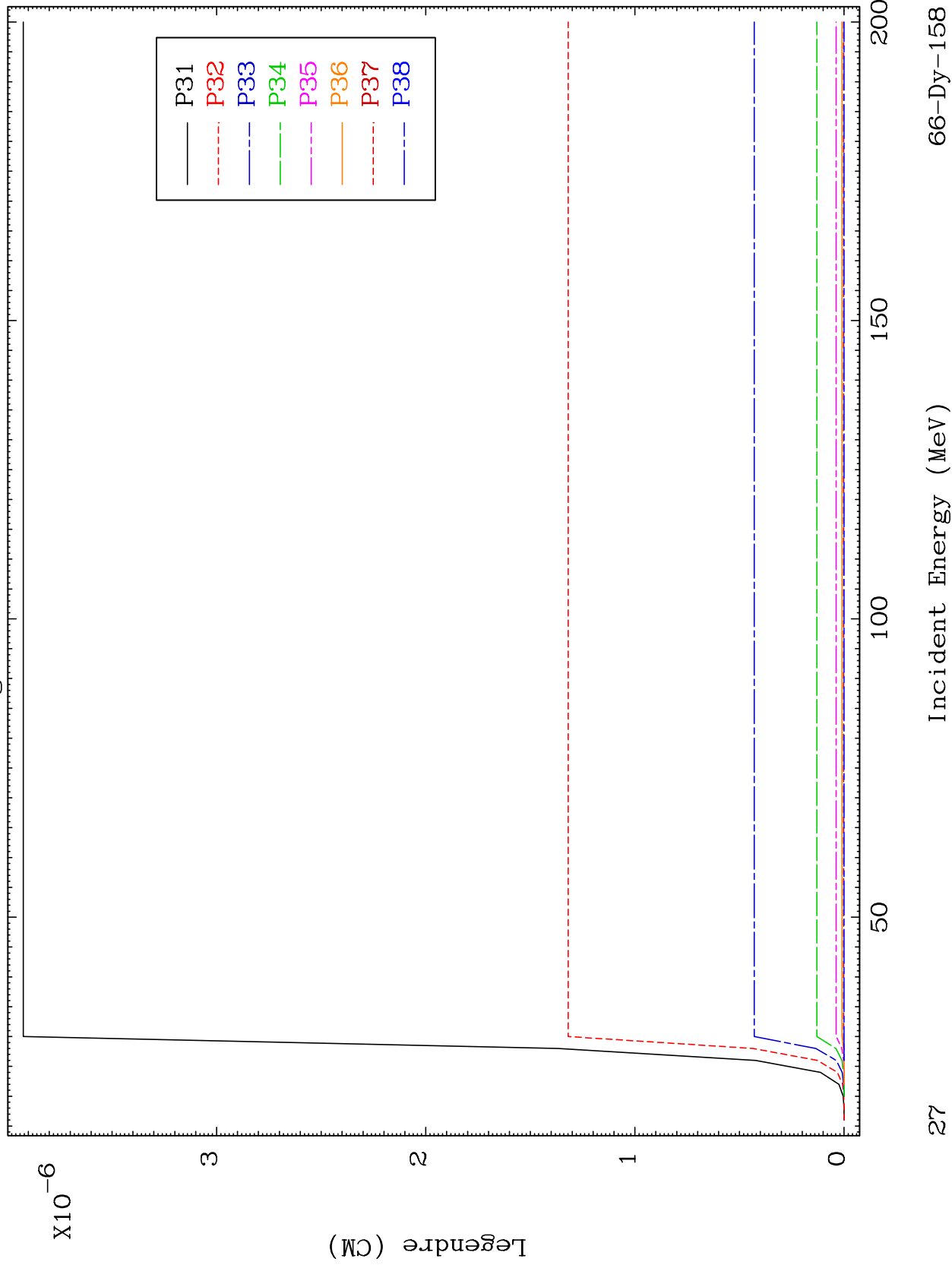
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

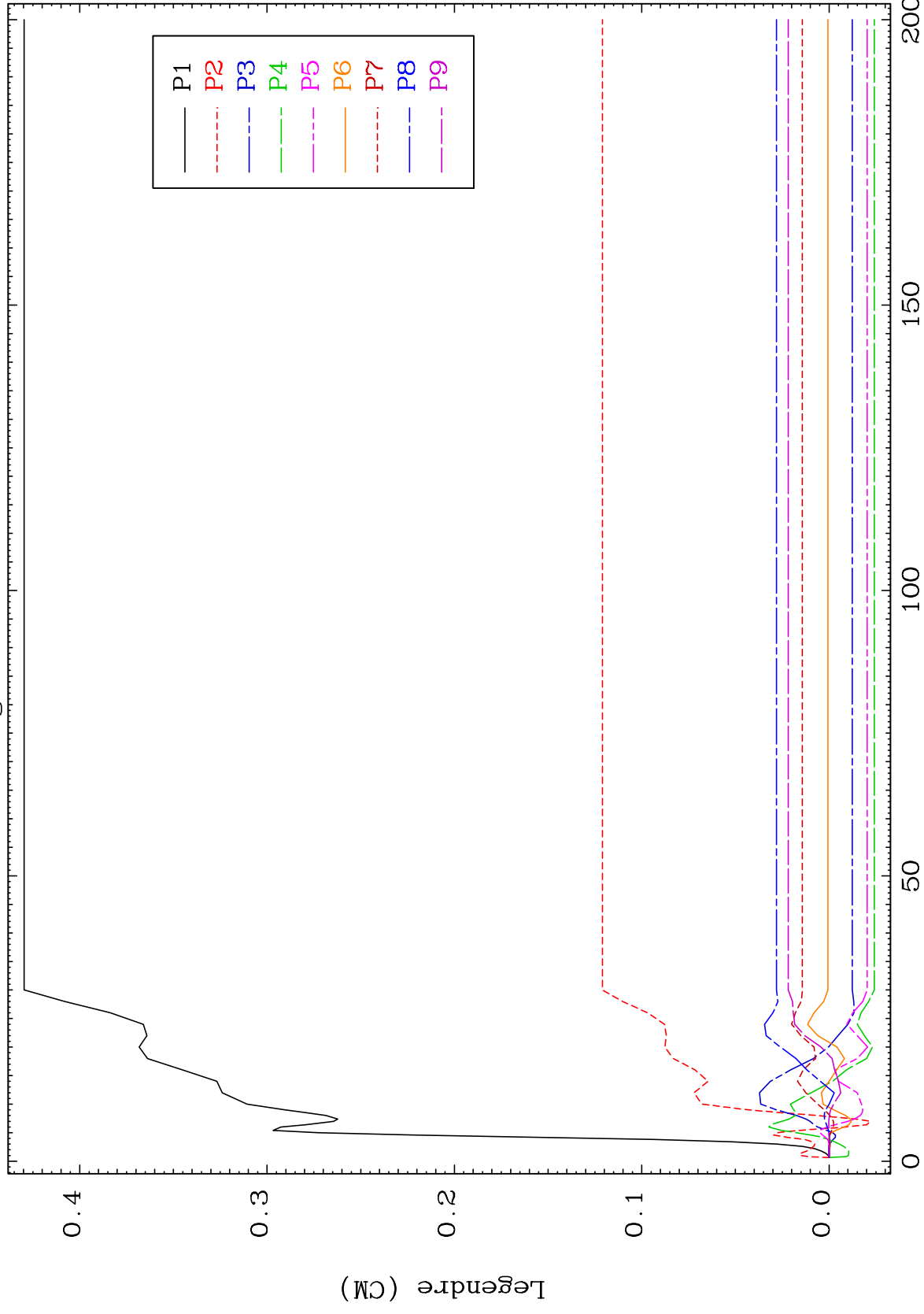
66-Dy-158



MAT 6631

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

66-Dy-158



28

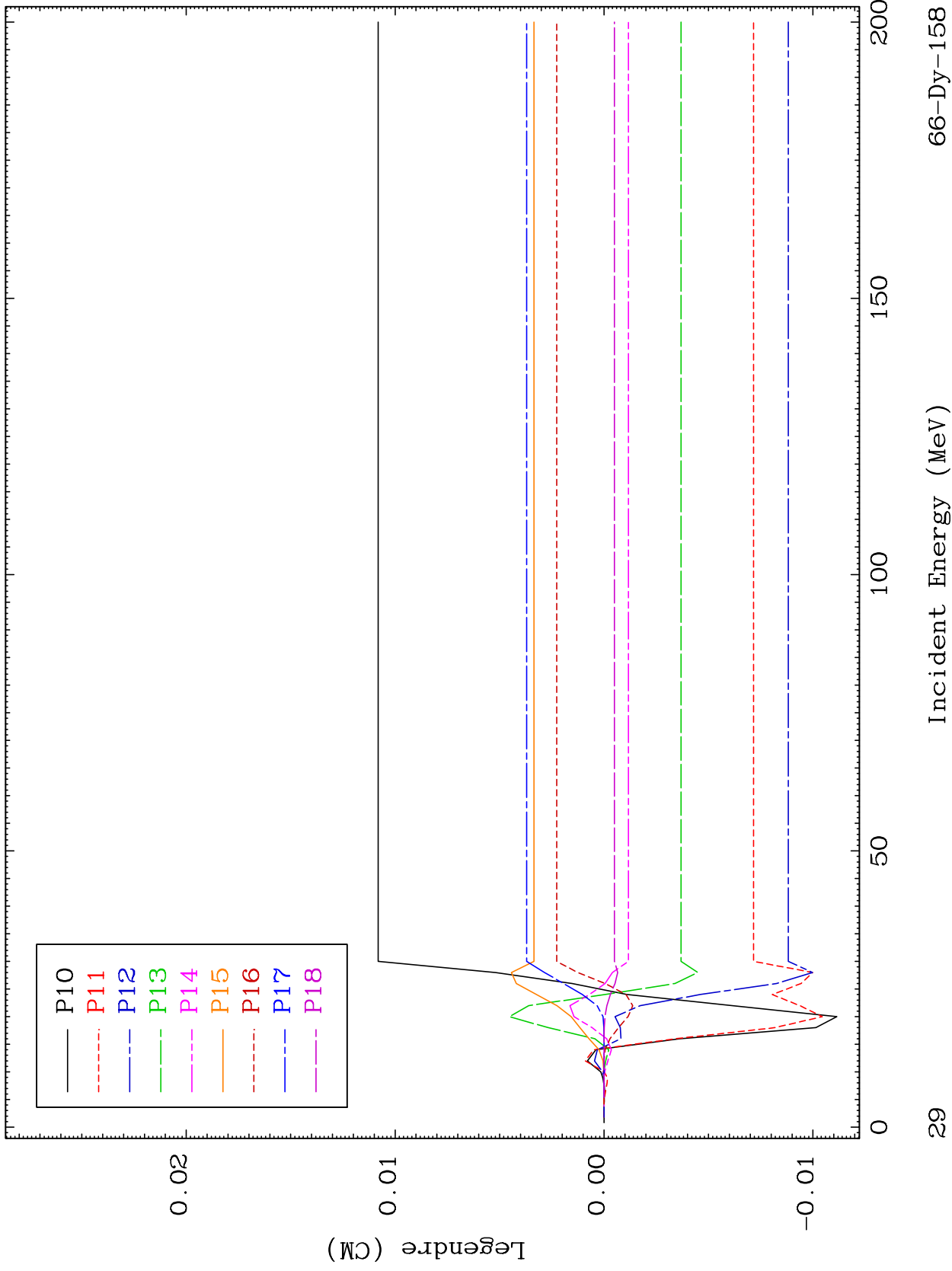
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



29

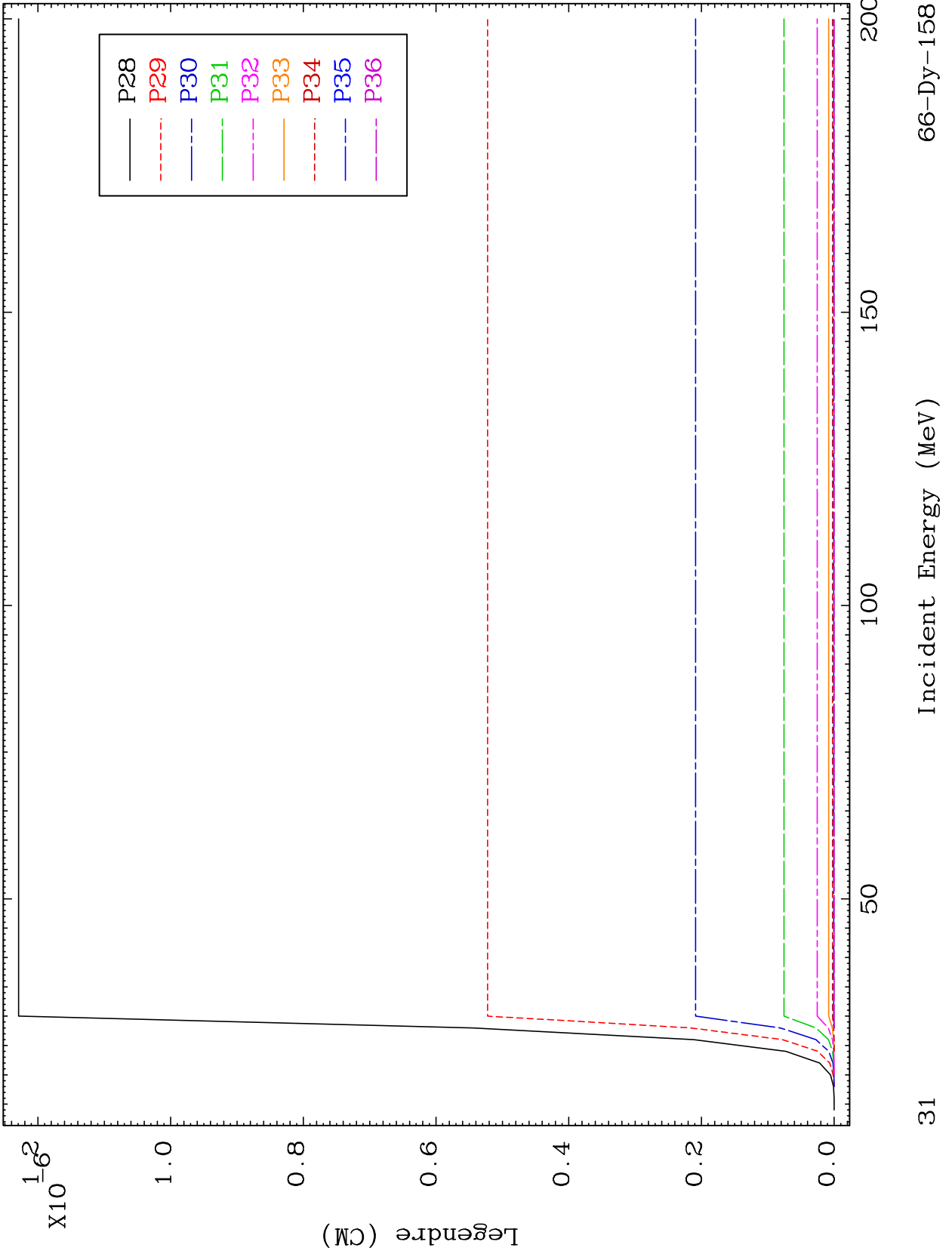
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

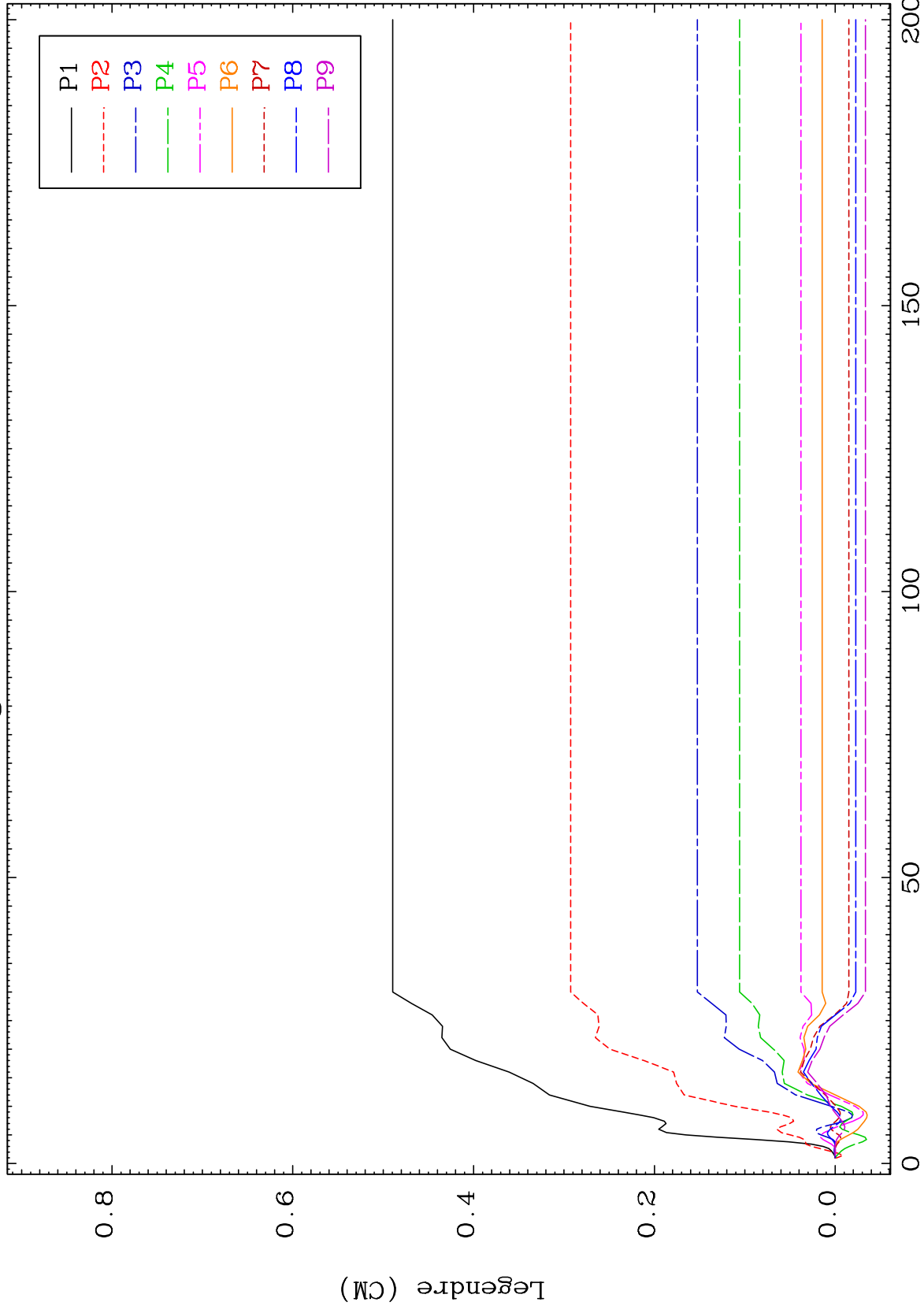
66-Dy-158



MAT 6631

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

66-Dy-158



66-Dy-158

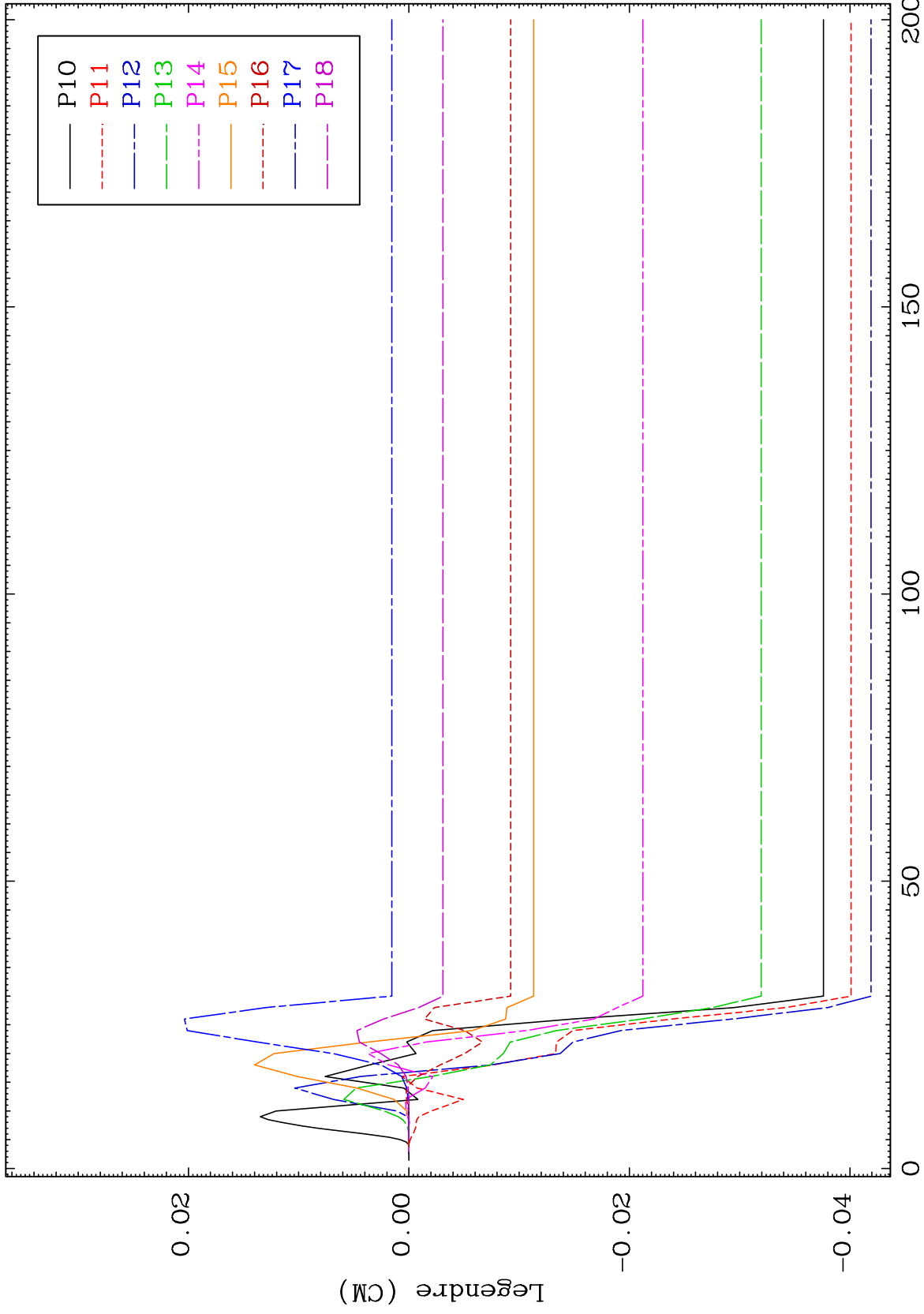
Incident Energy (MeV)

32

MAT 6631

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

66-Dy-158



33

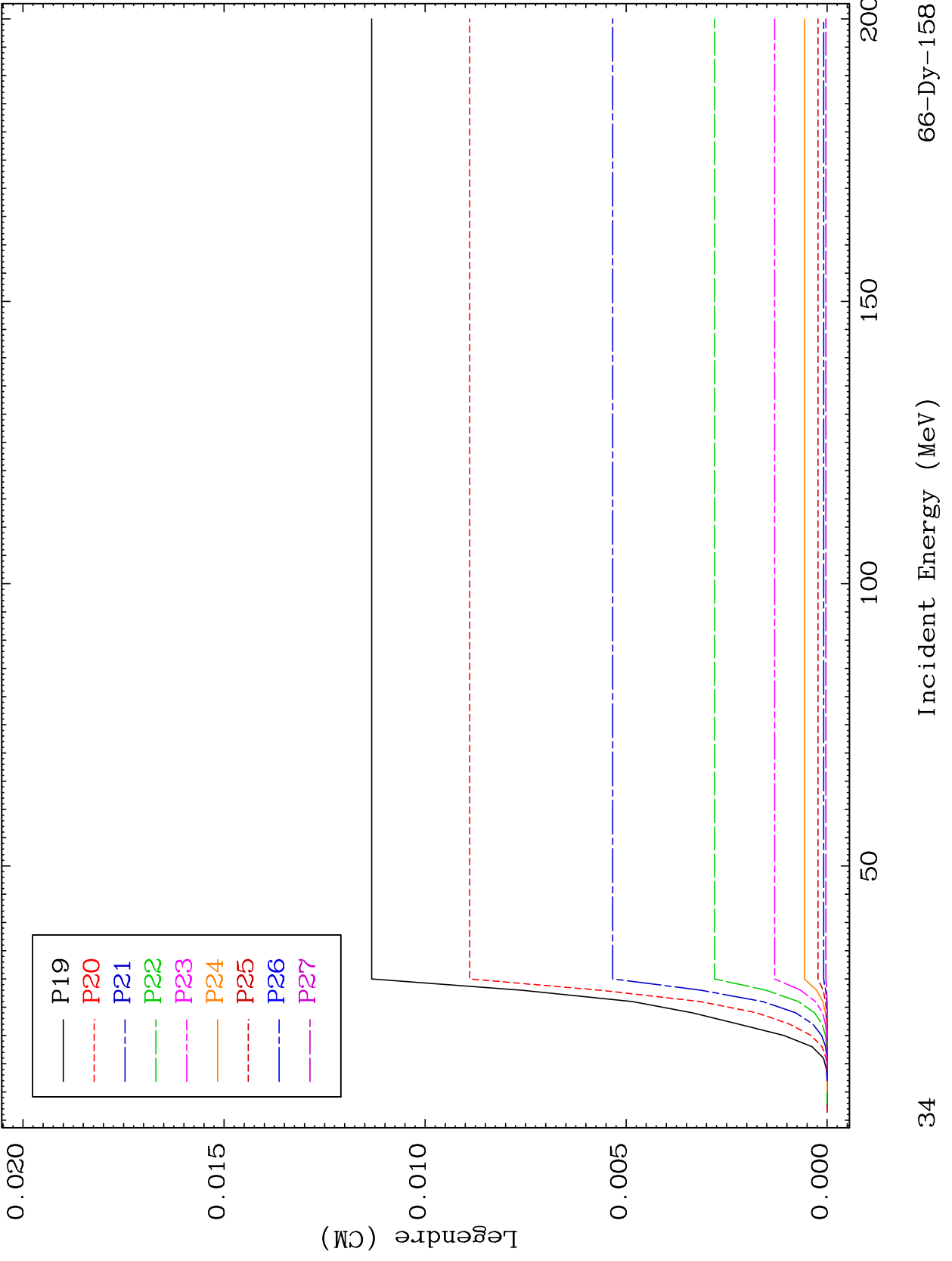
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



34

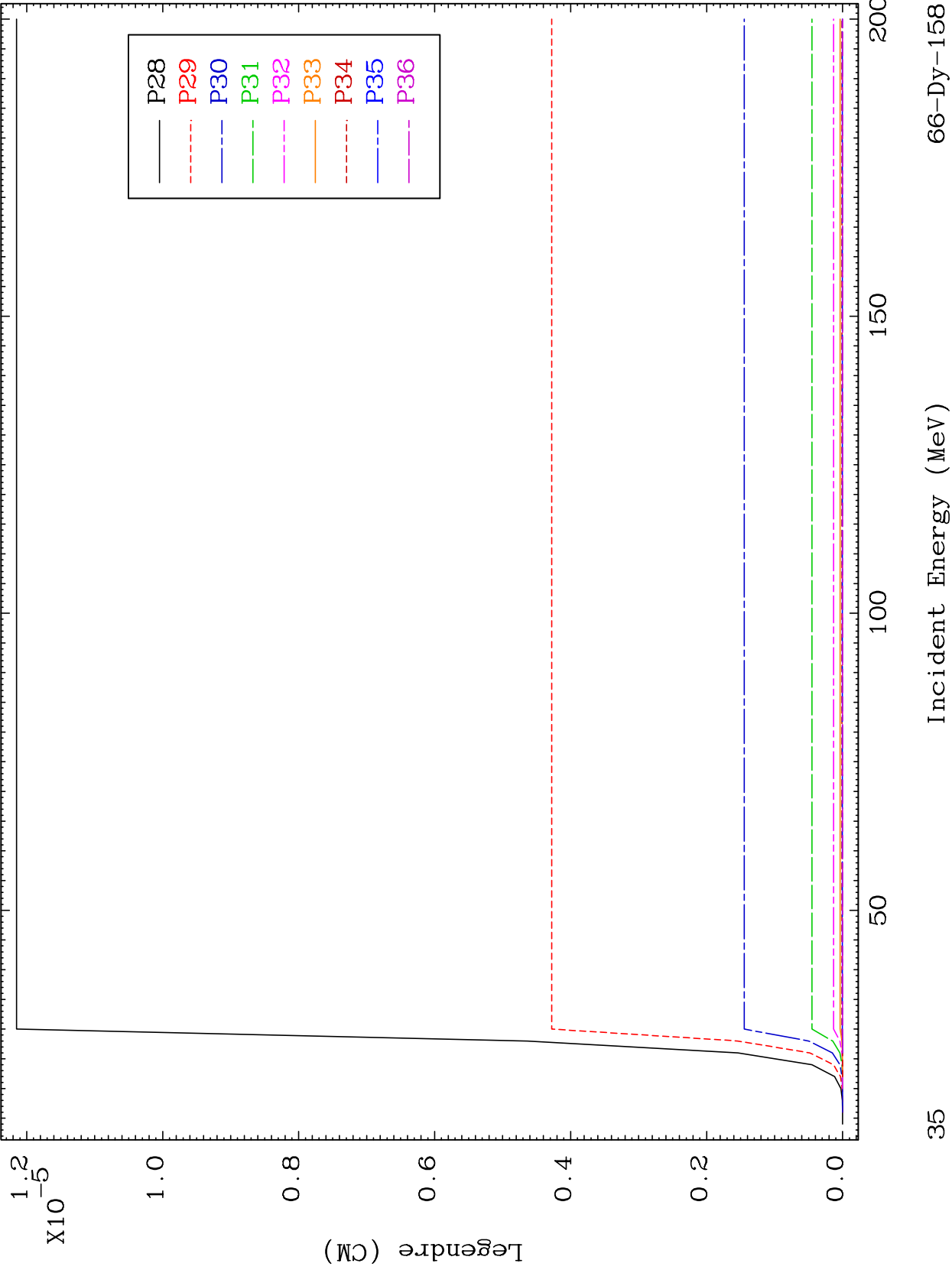
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

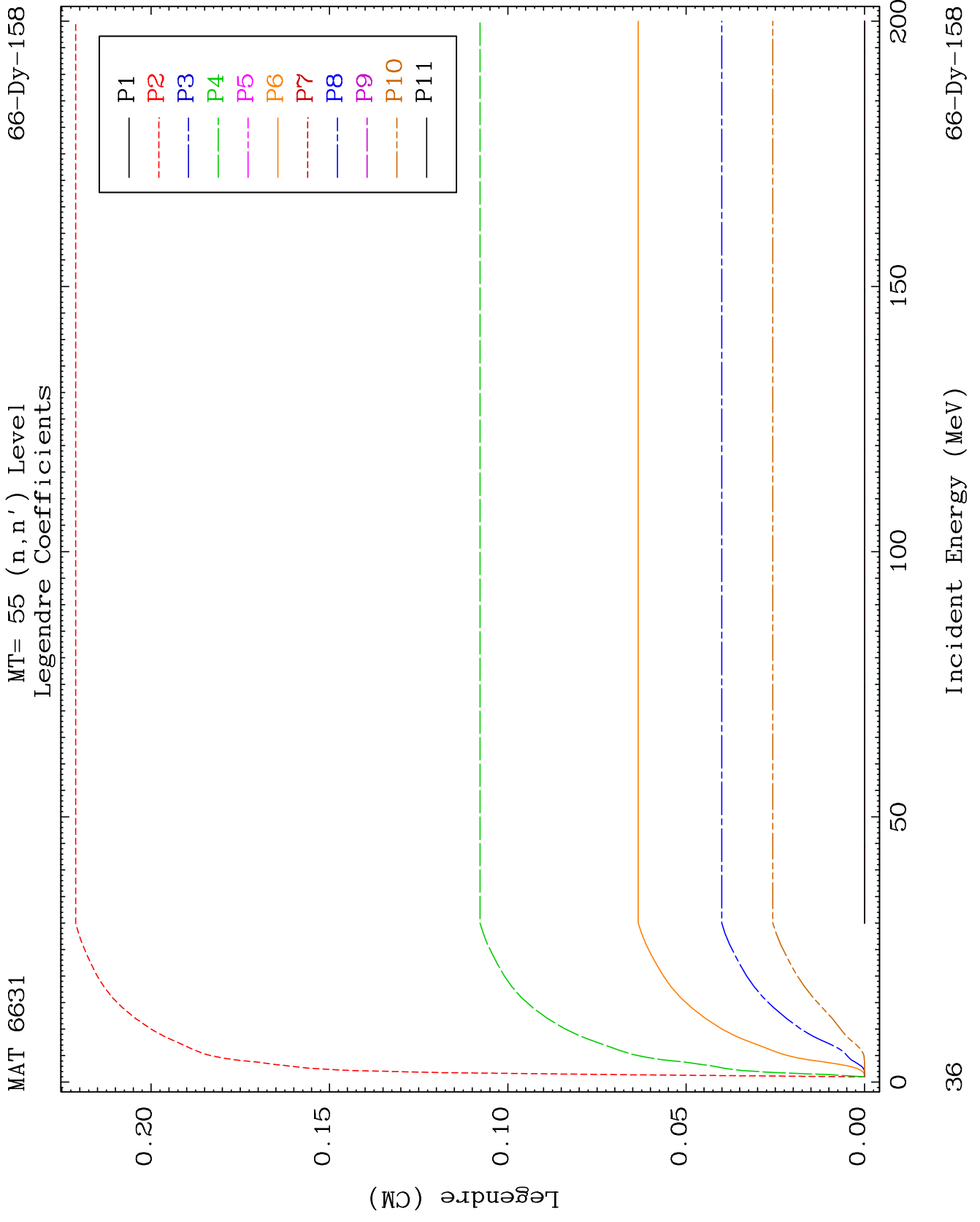
66-Dy-158



35

Incident Energy (MeV)

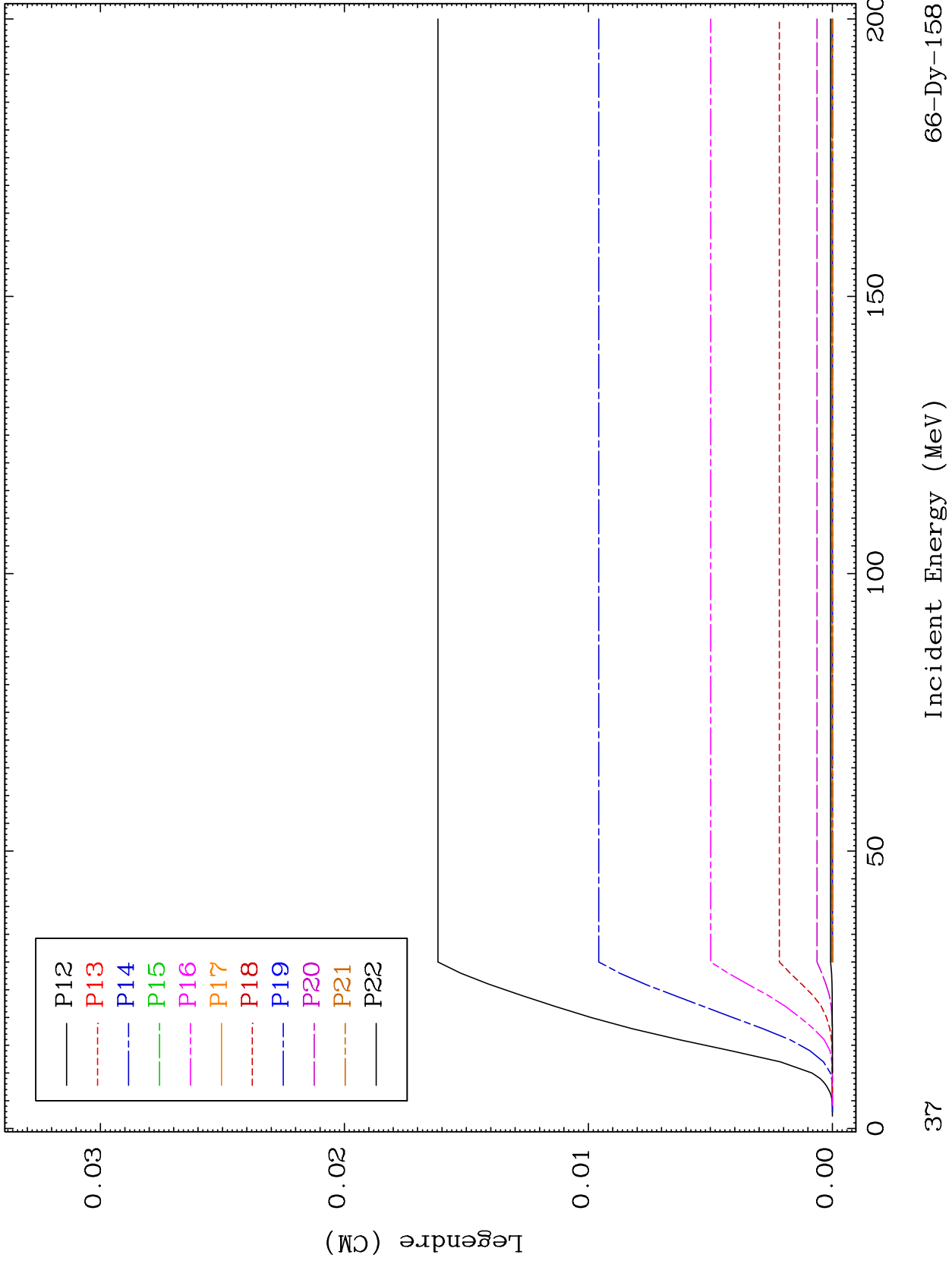
66-Dy-158



MAT 6631

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

66-Dy-158



37

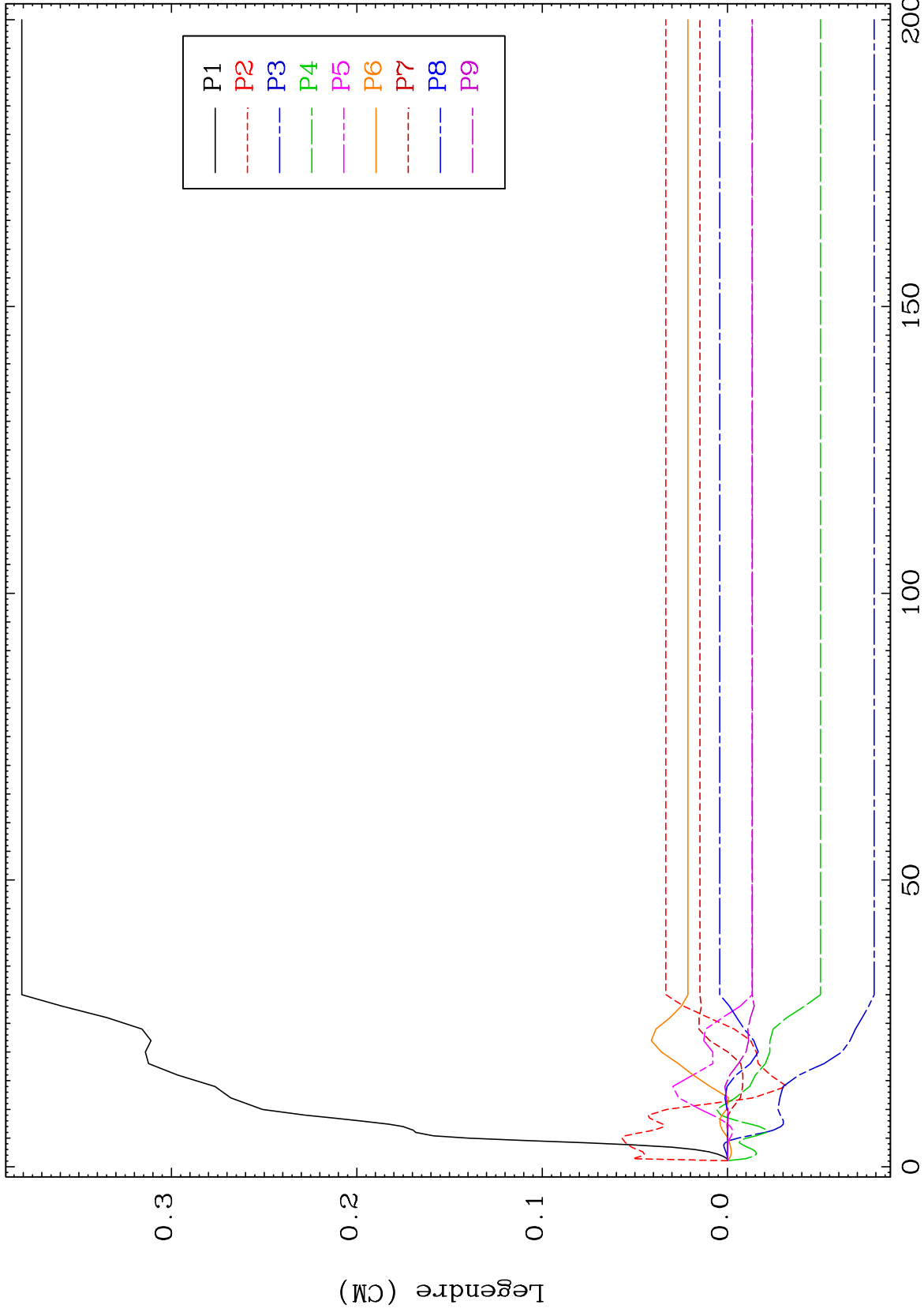
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



39

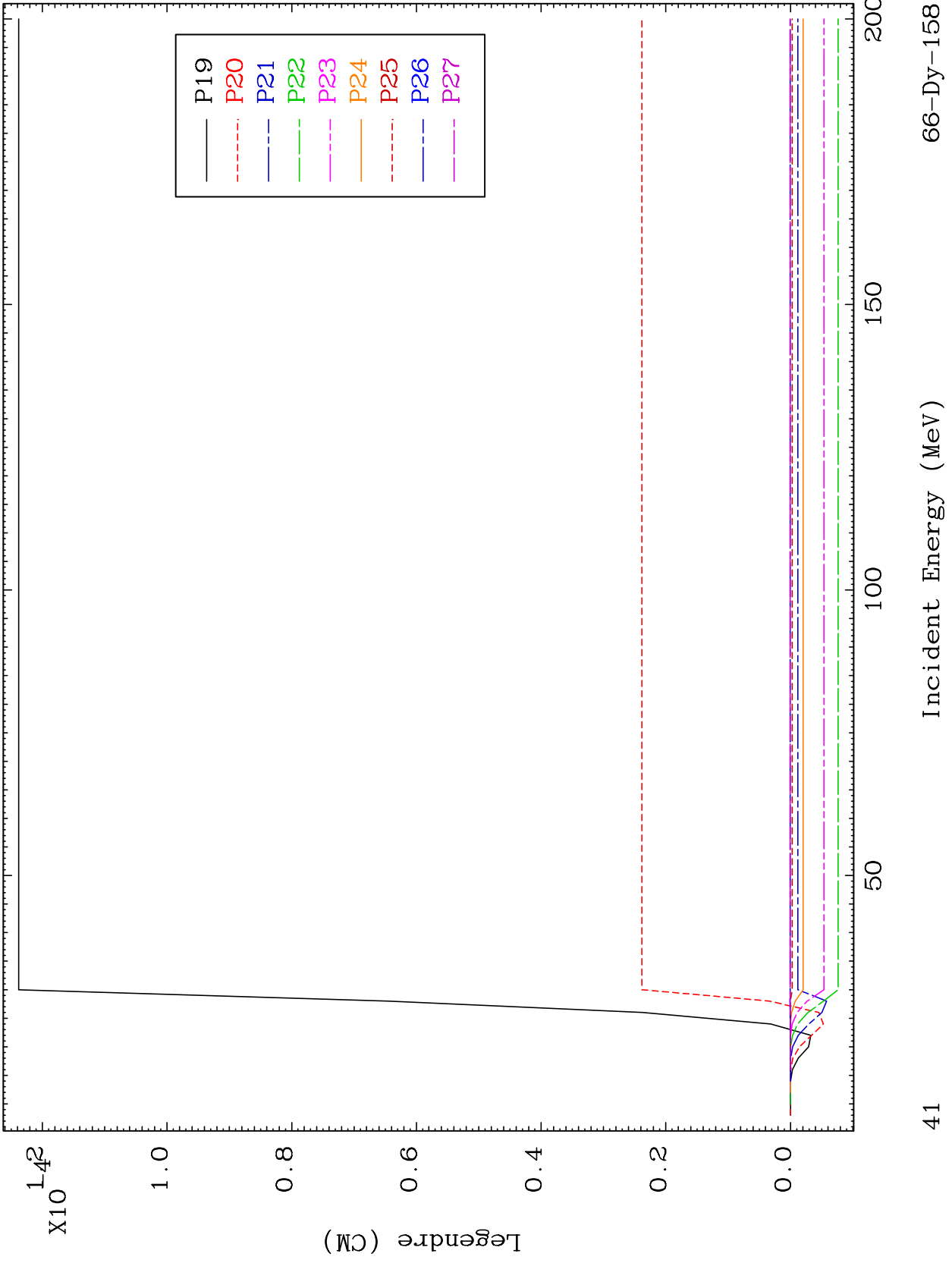
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



41

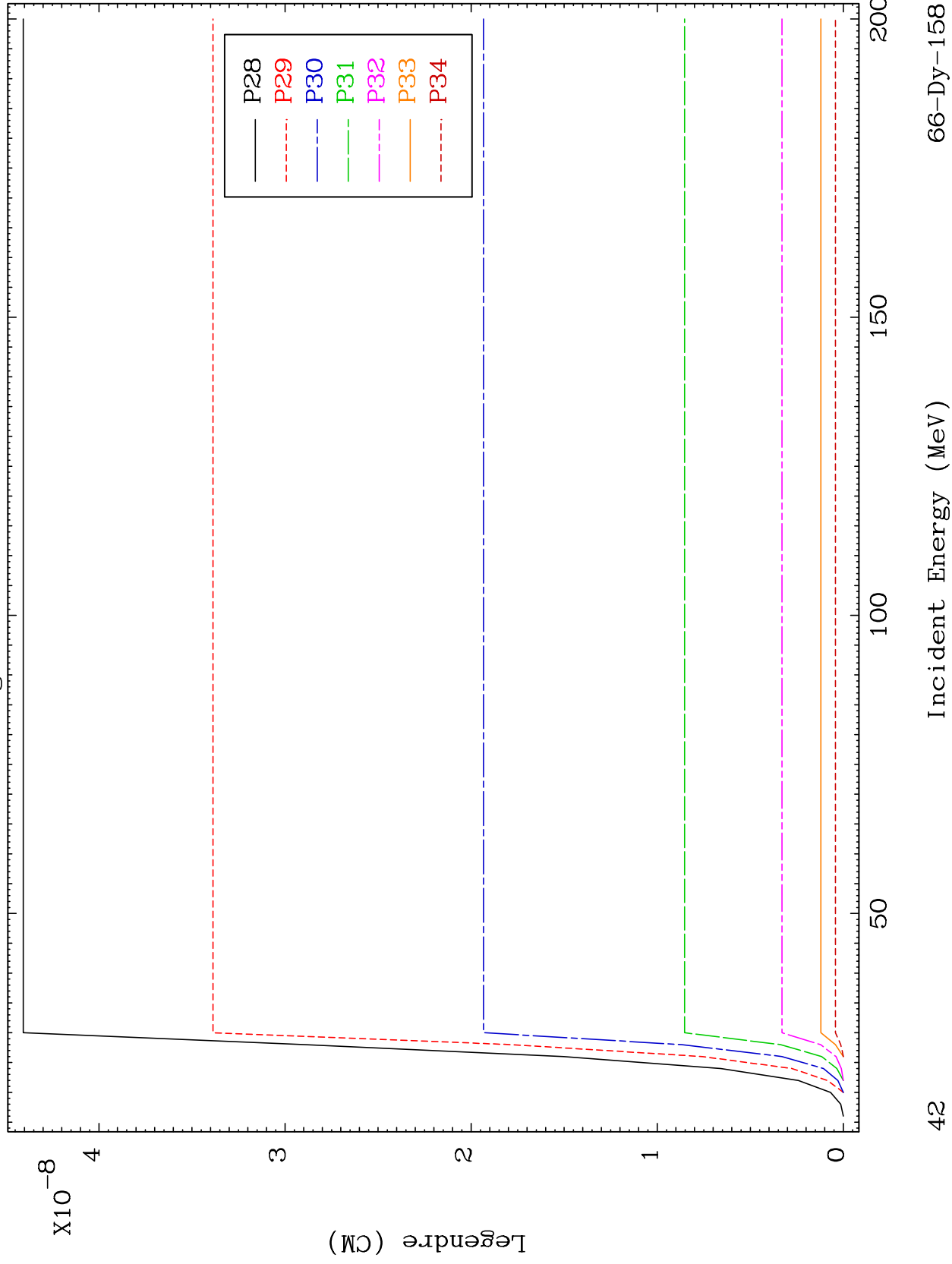
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



66-Dy-158

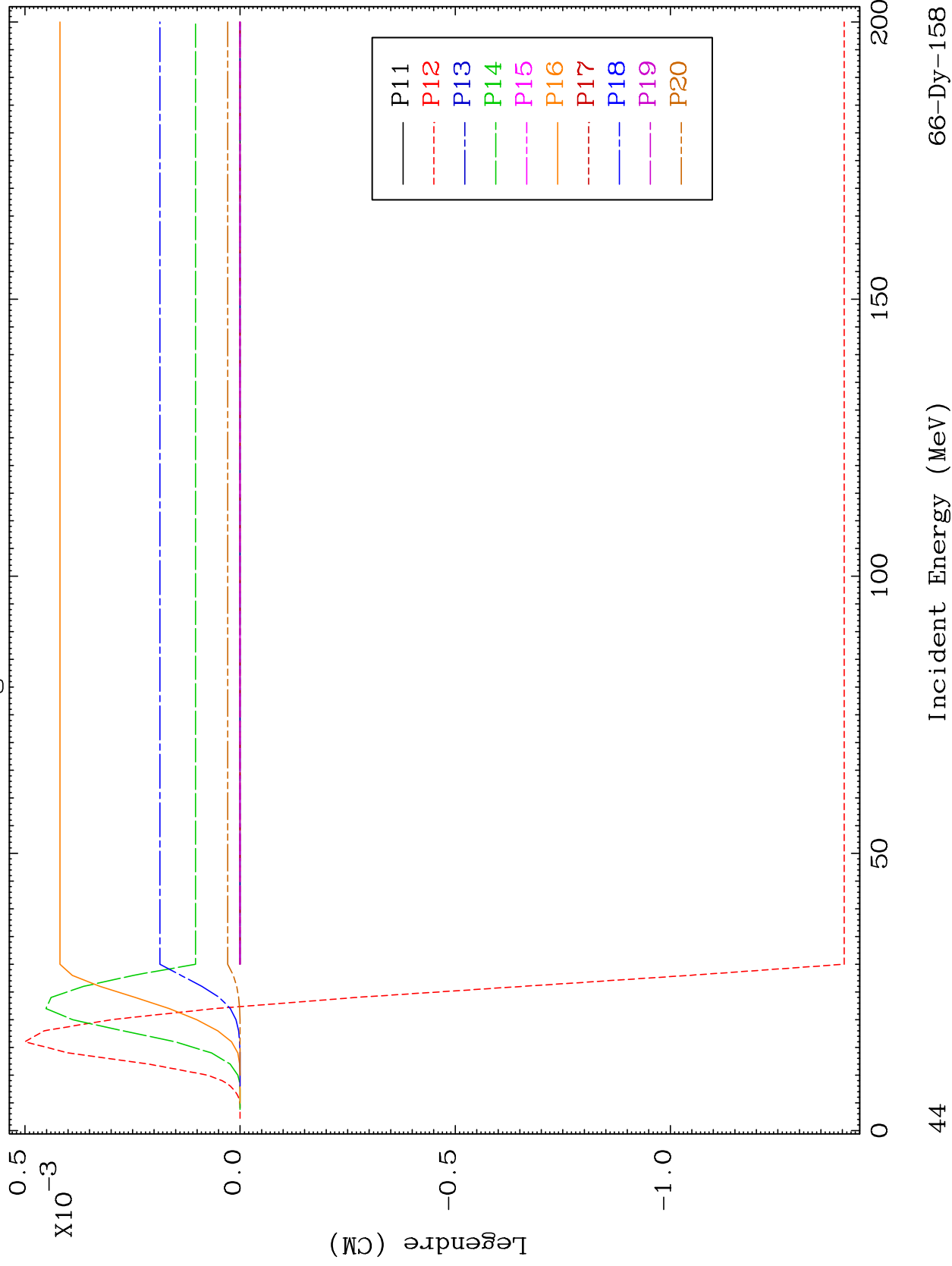
Incident Energy (MeV)

42

MAT 6631

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

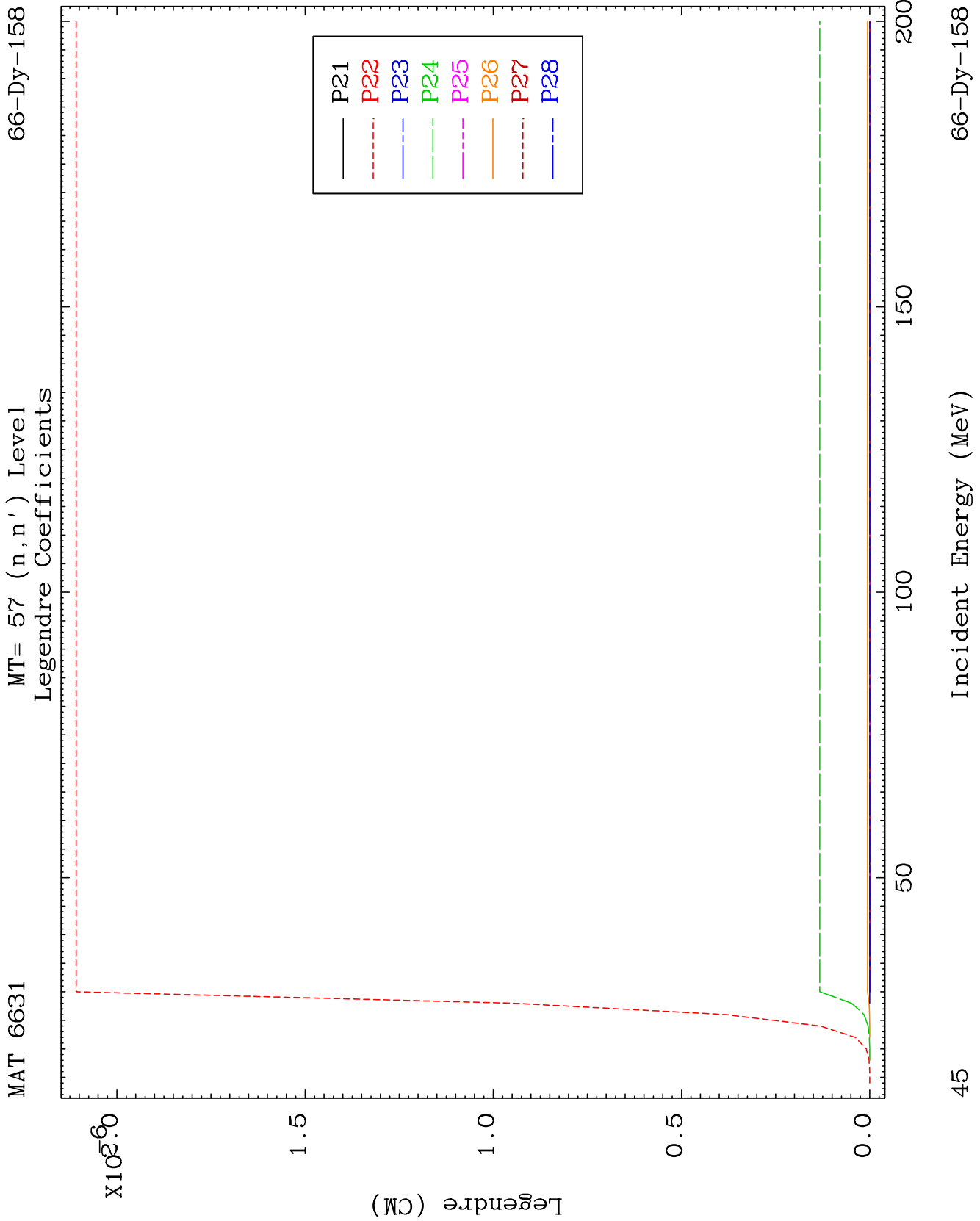
66-Dy-158



44

Incident Energy (MeV)

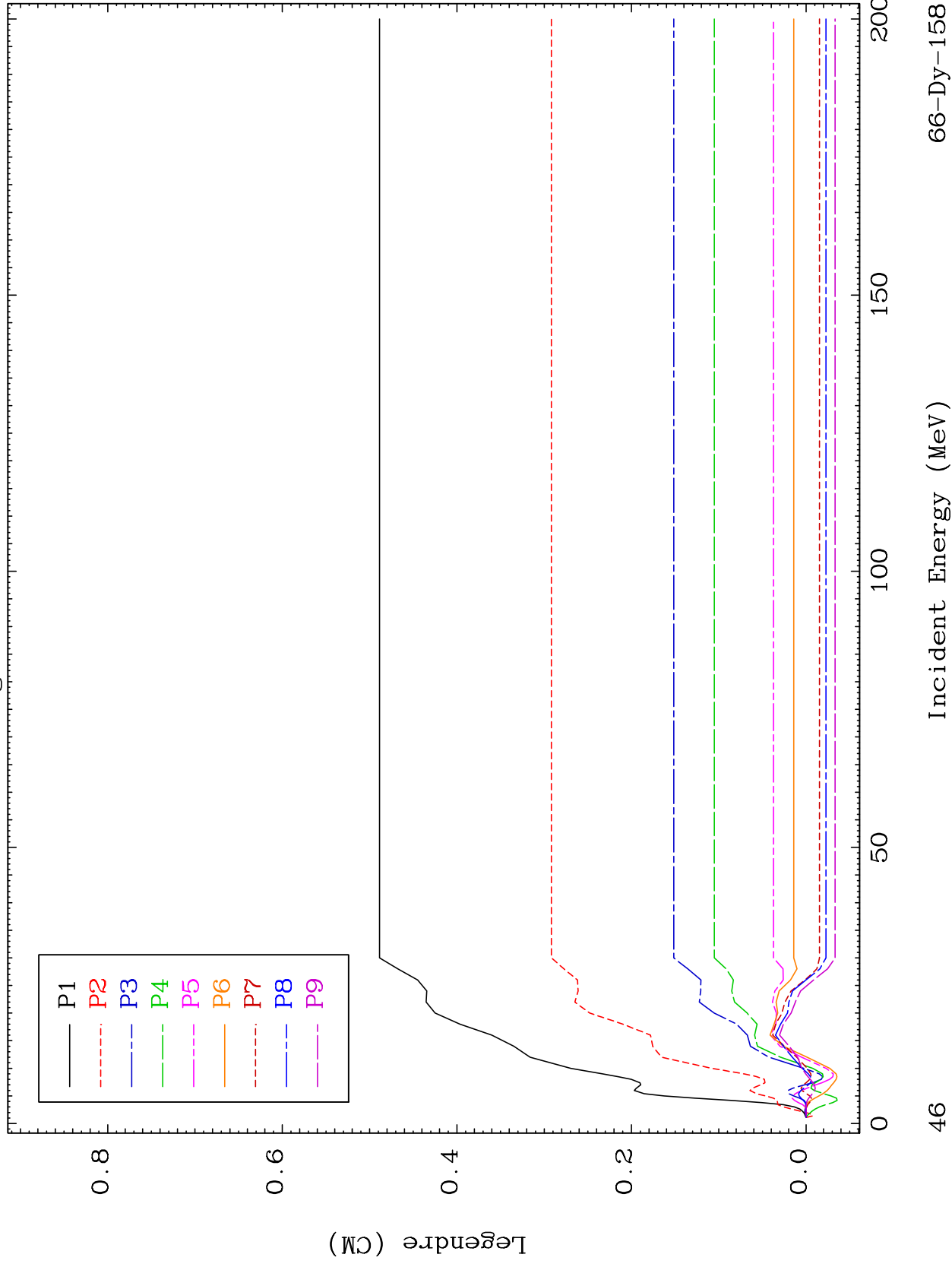
66-Dy-158



MAT 6631

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

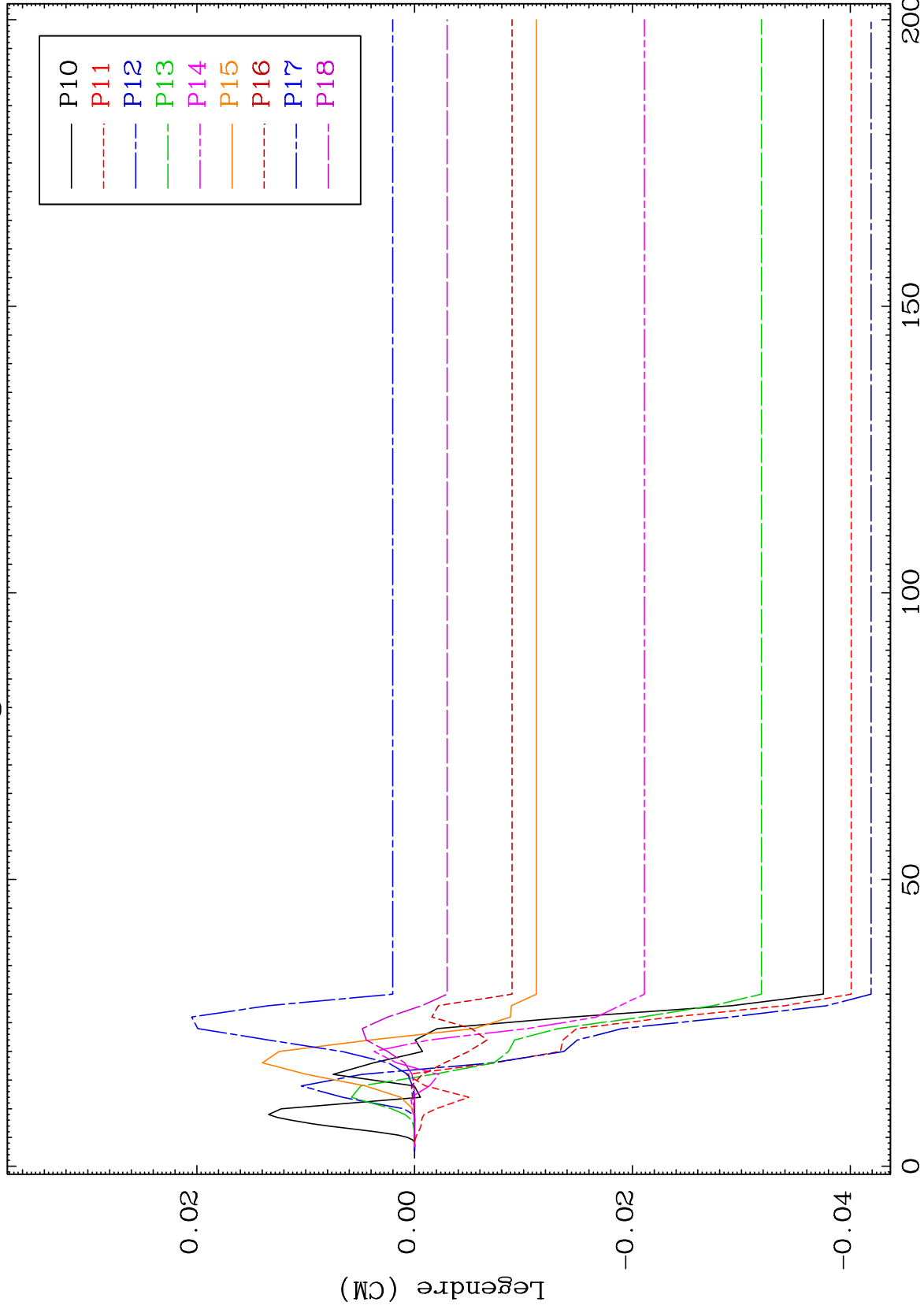
66-Dy-158



MAT 6631

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

66-Dy-158



47

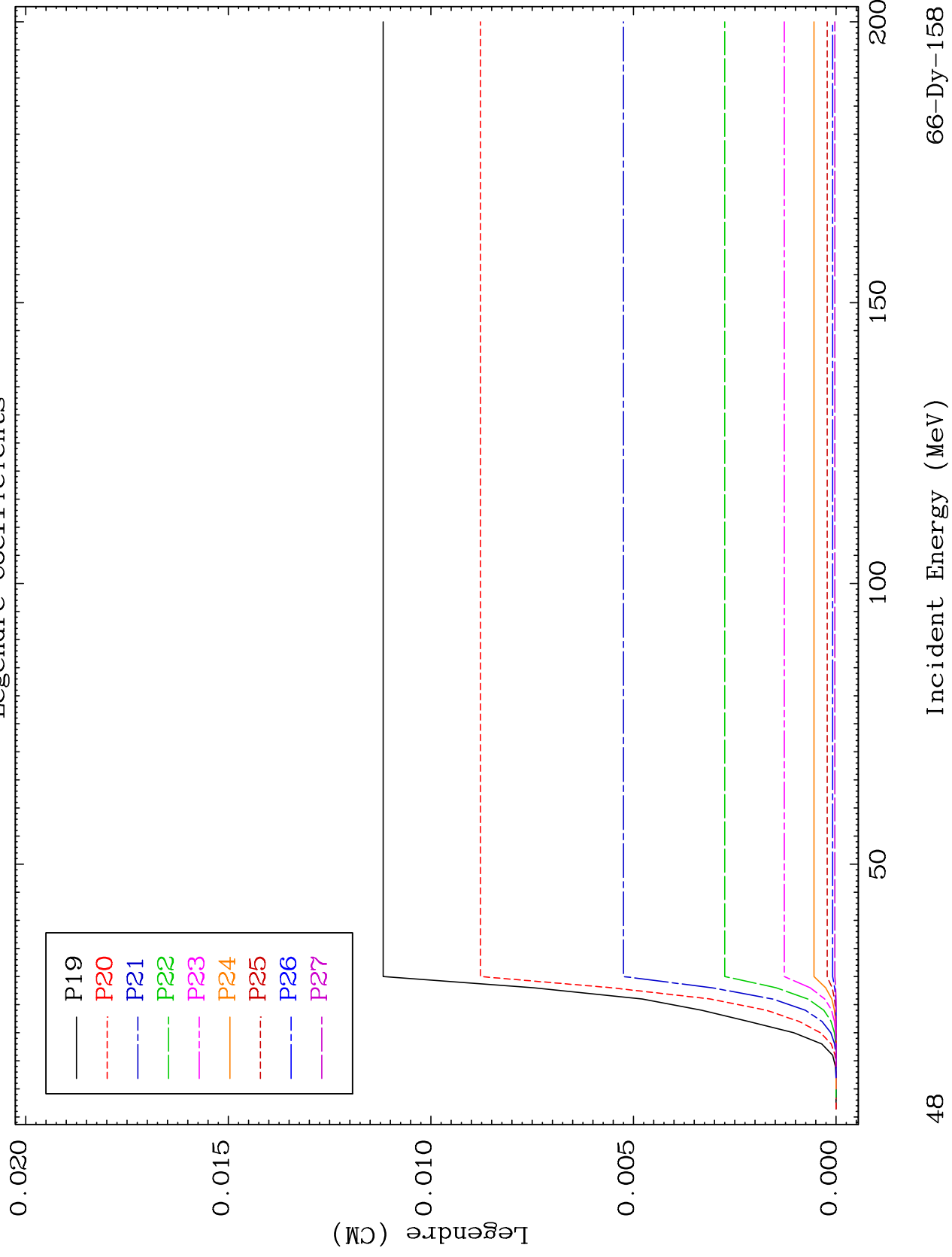
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



48

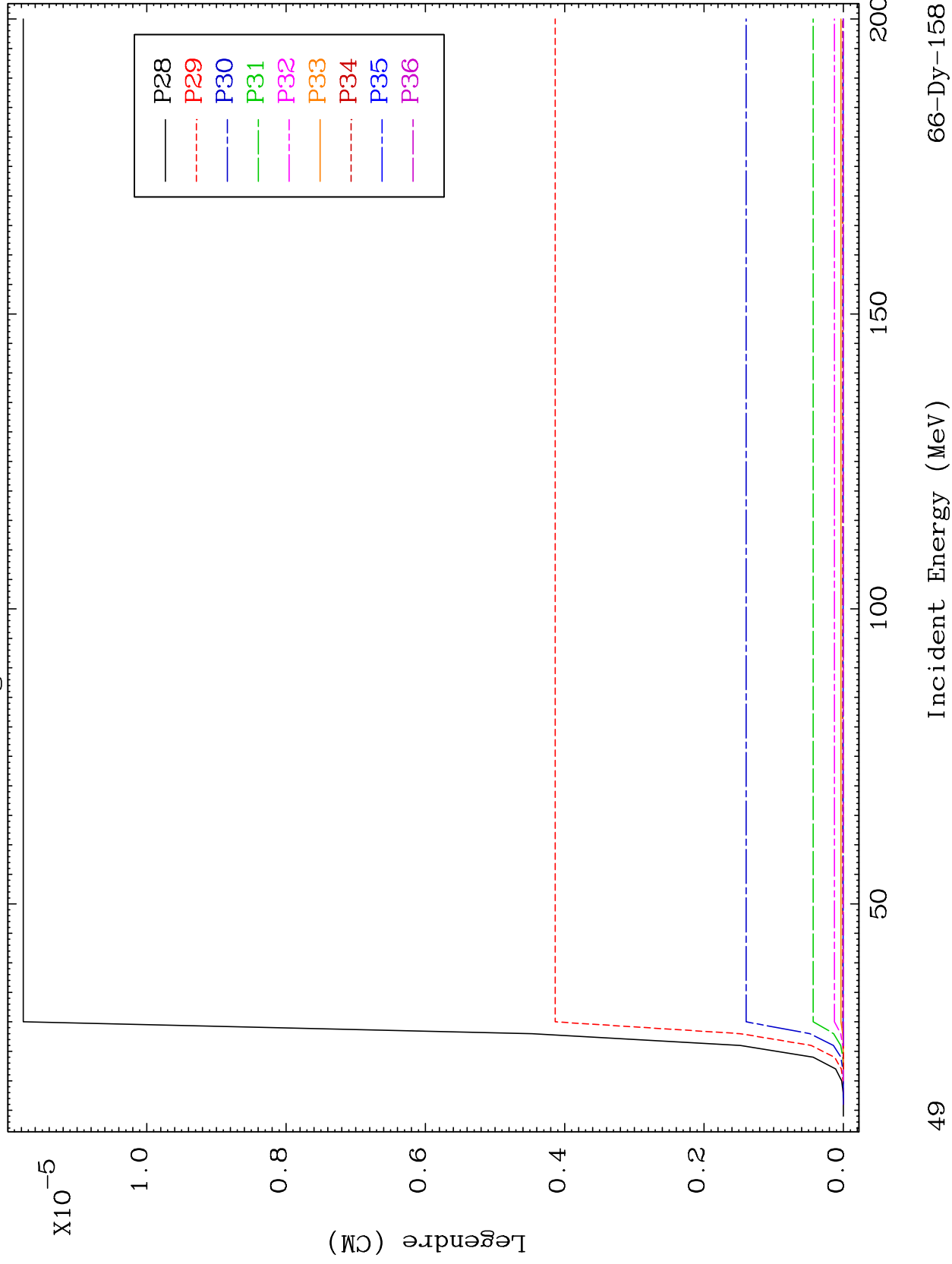
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

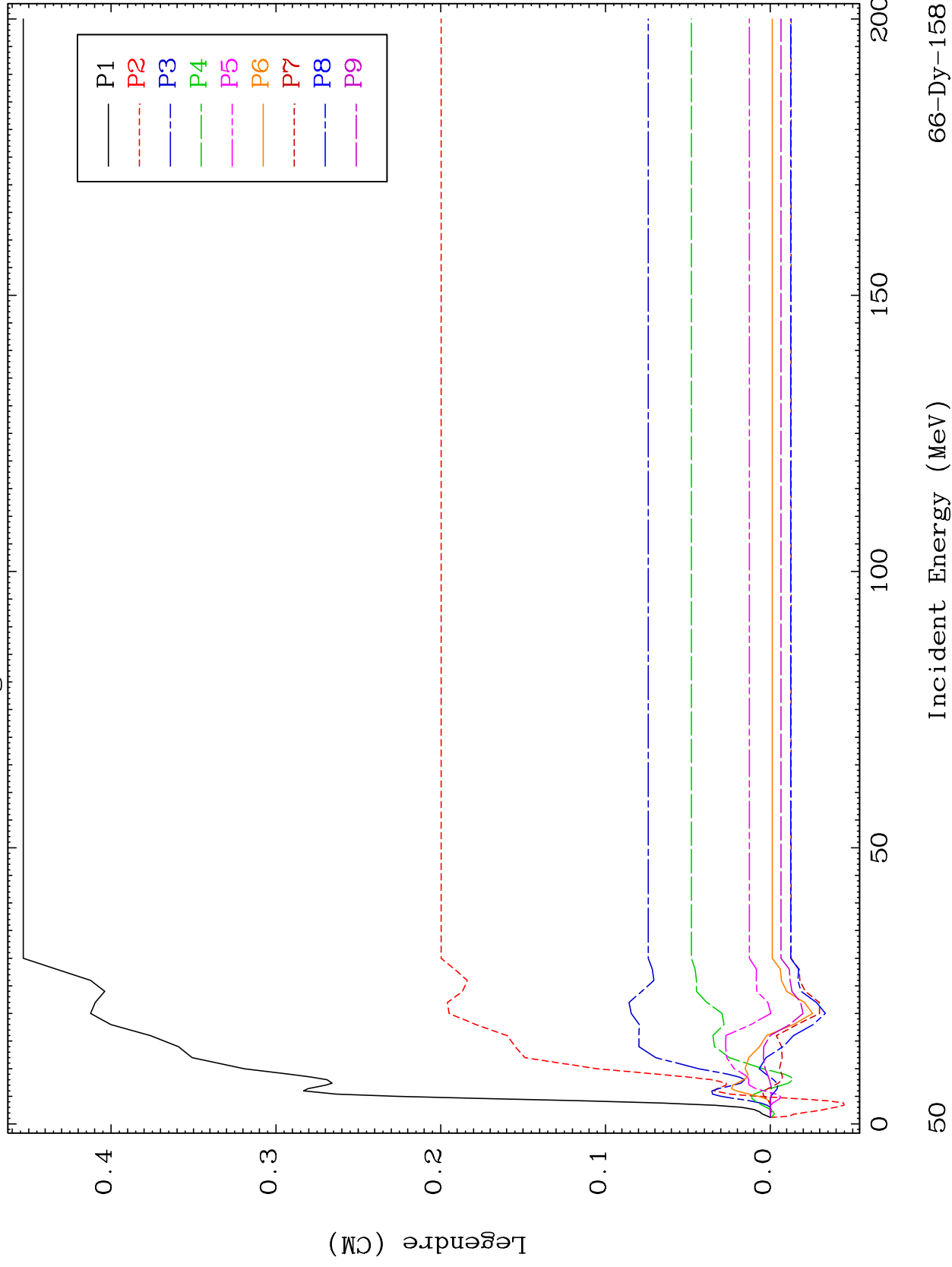
66-Dy-158



MAT 6631

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

66-Dy-158



66-Dy-158

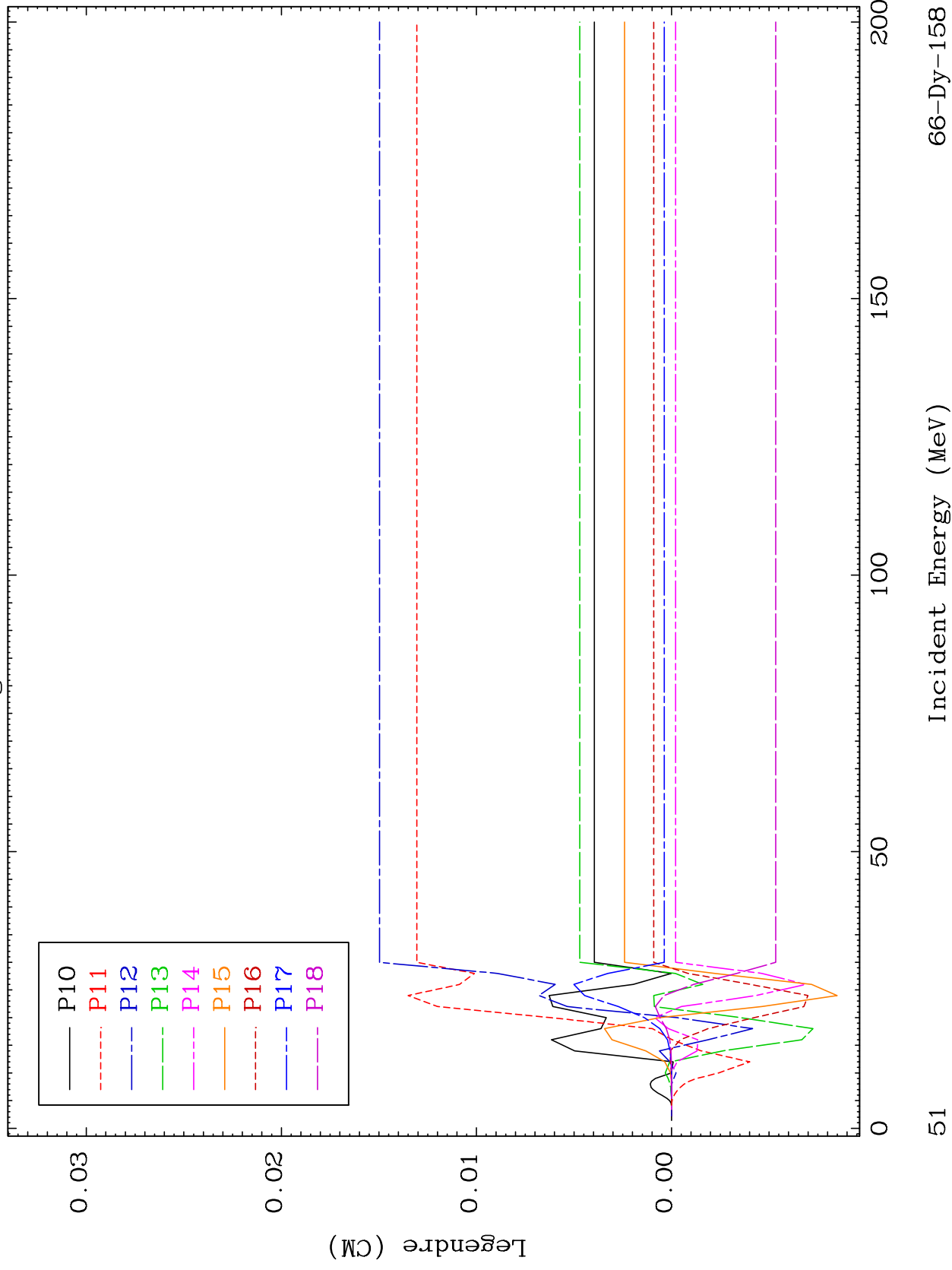
Incident Energy (MeV)

50

MAT 6631

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

66-Dy-158



51

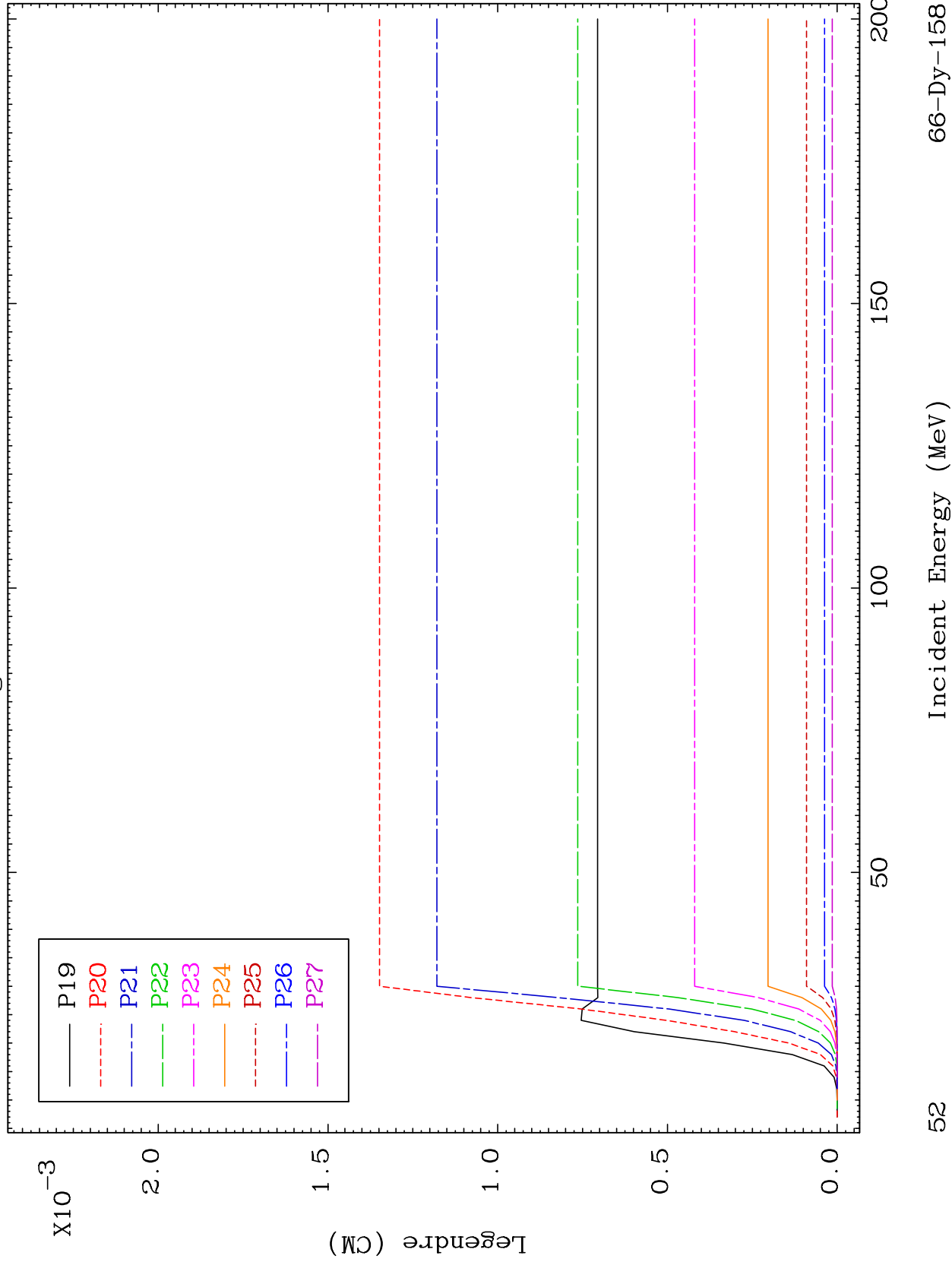
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



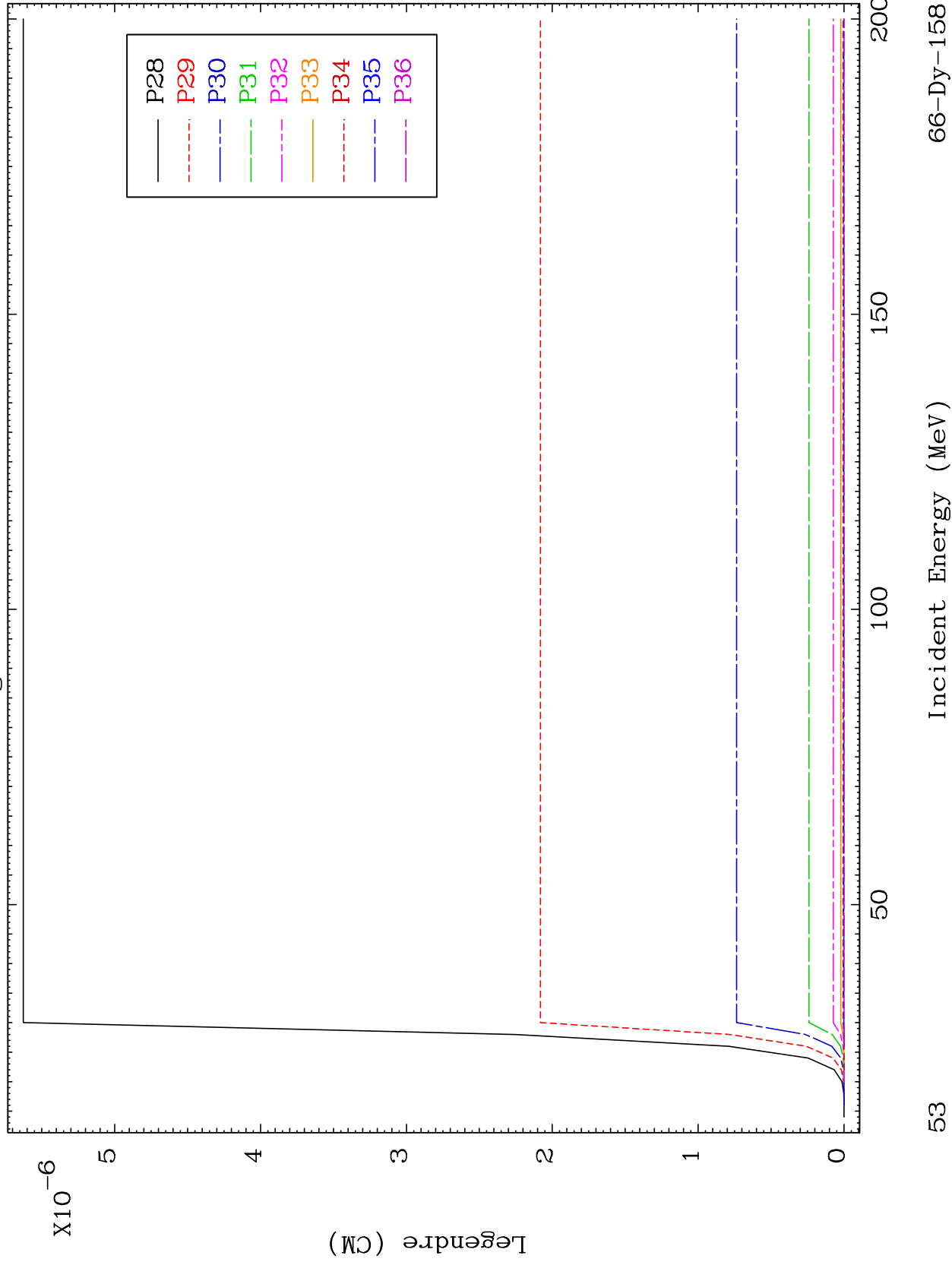
52

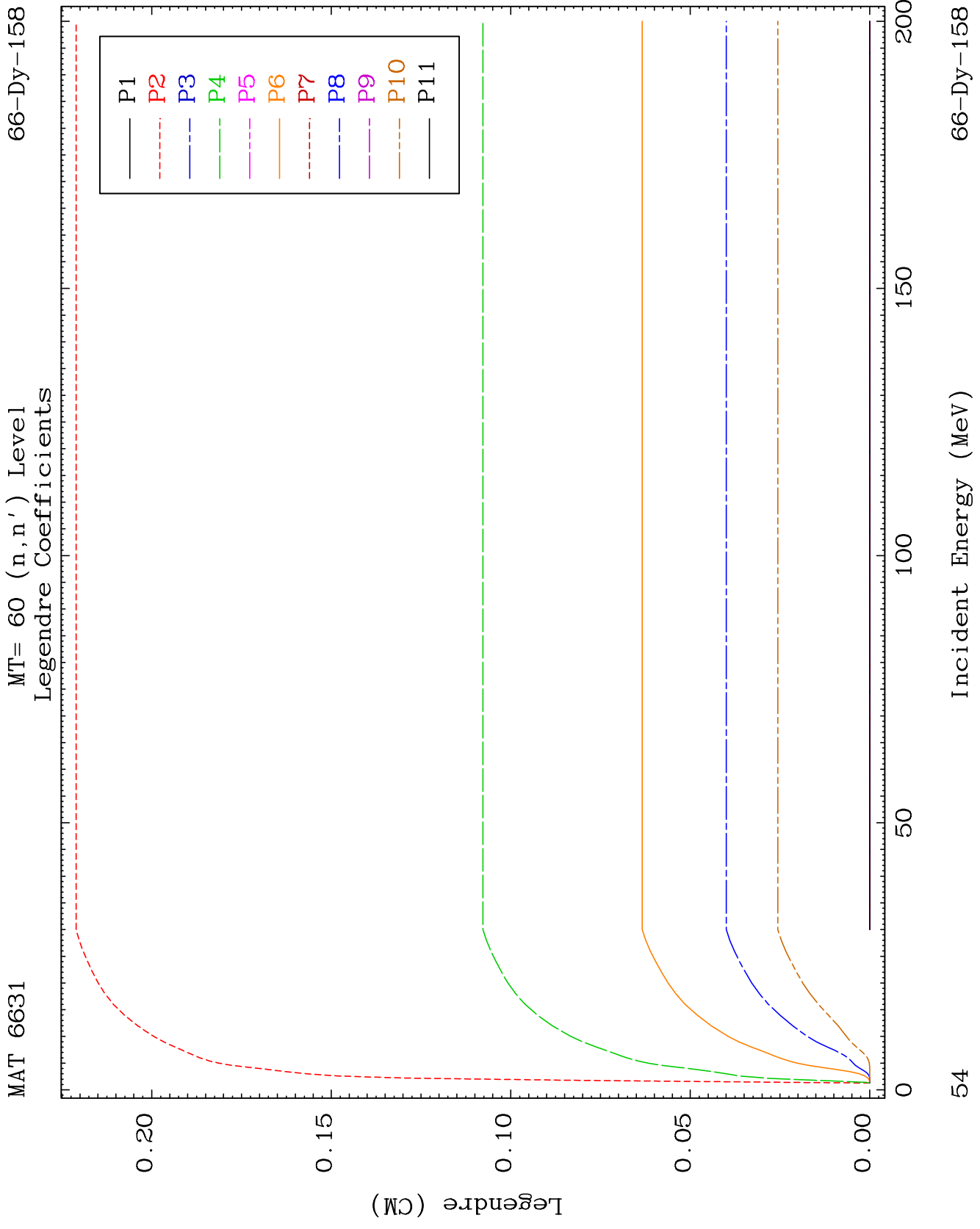
66-Dy-158

MAT 6631

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

66-Dy-158

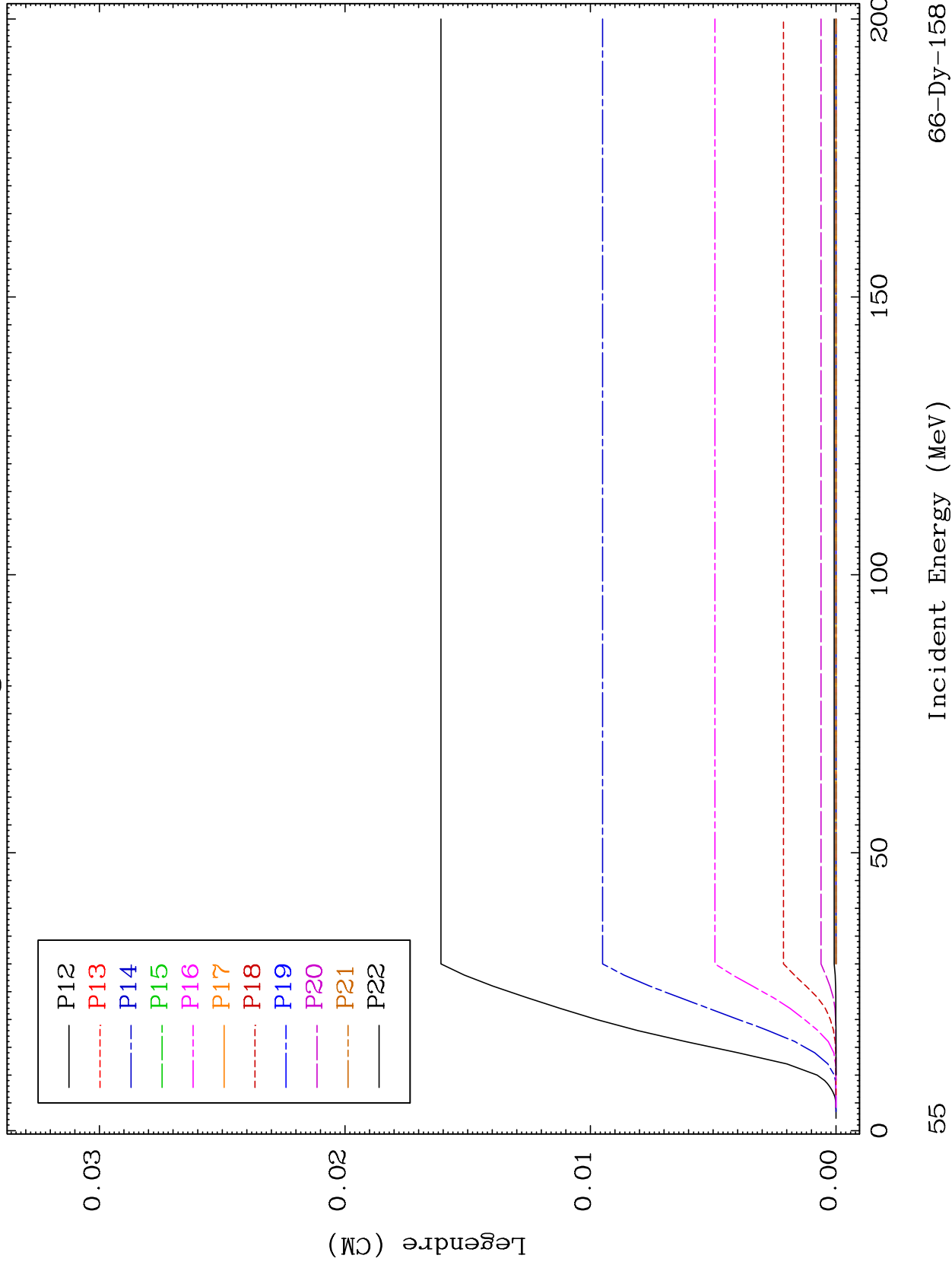




MAT 6631

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

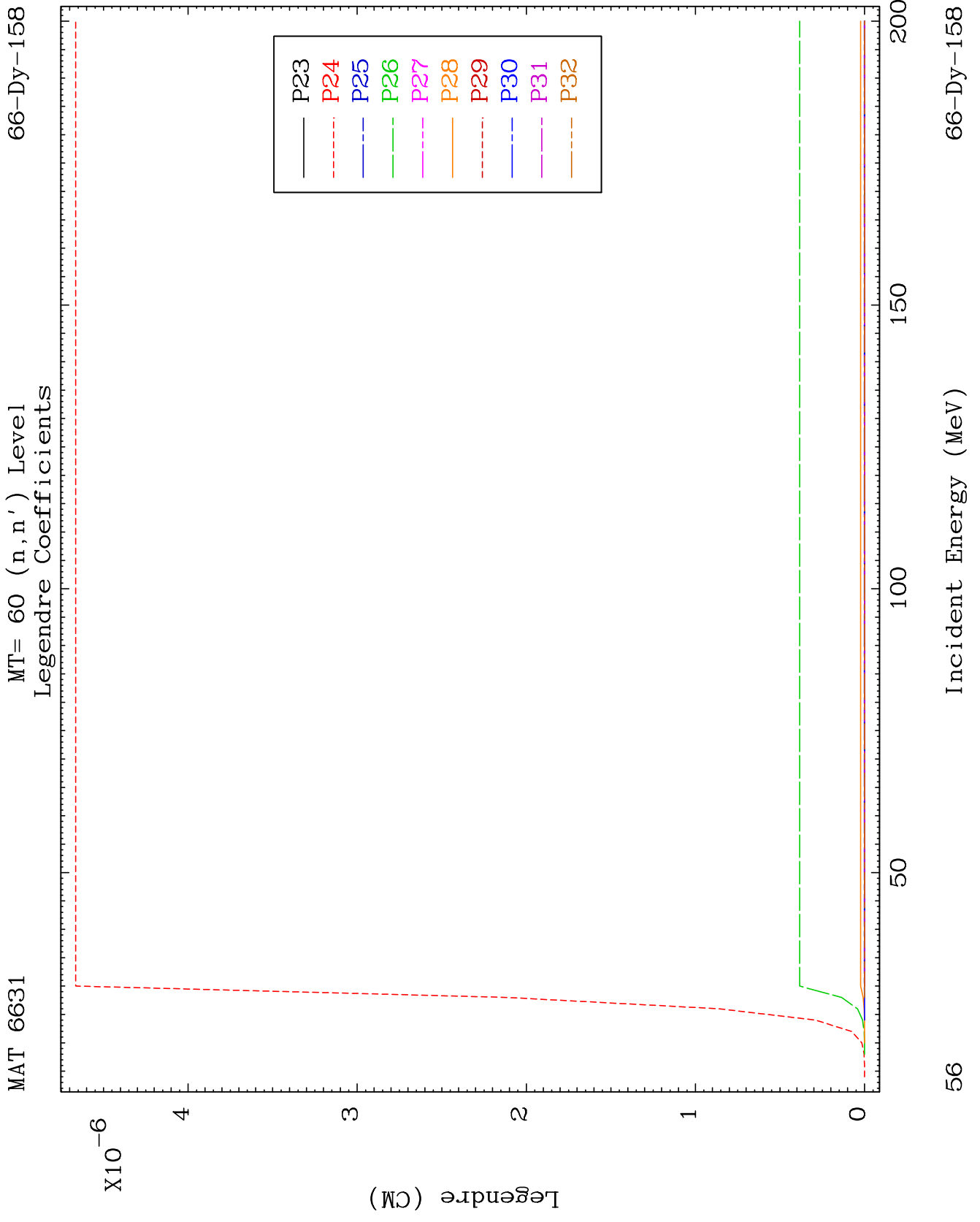
66-Dy-158



66-Dy-158

Incident Energy (MeV)

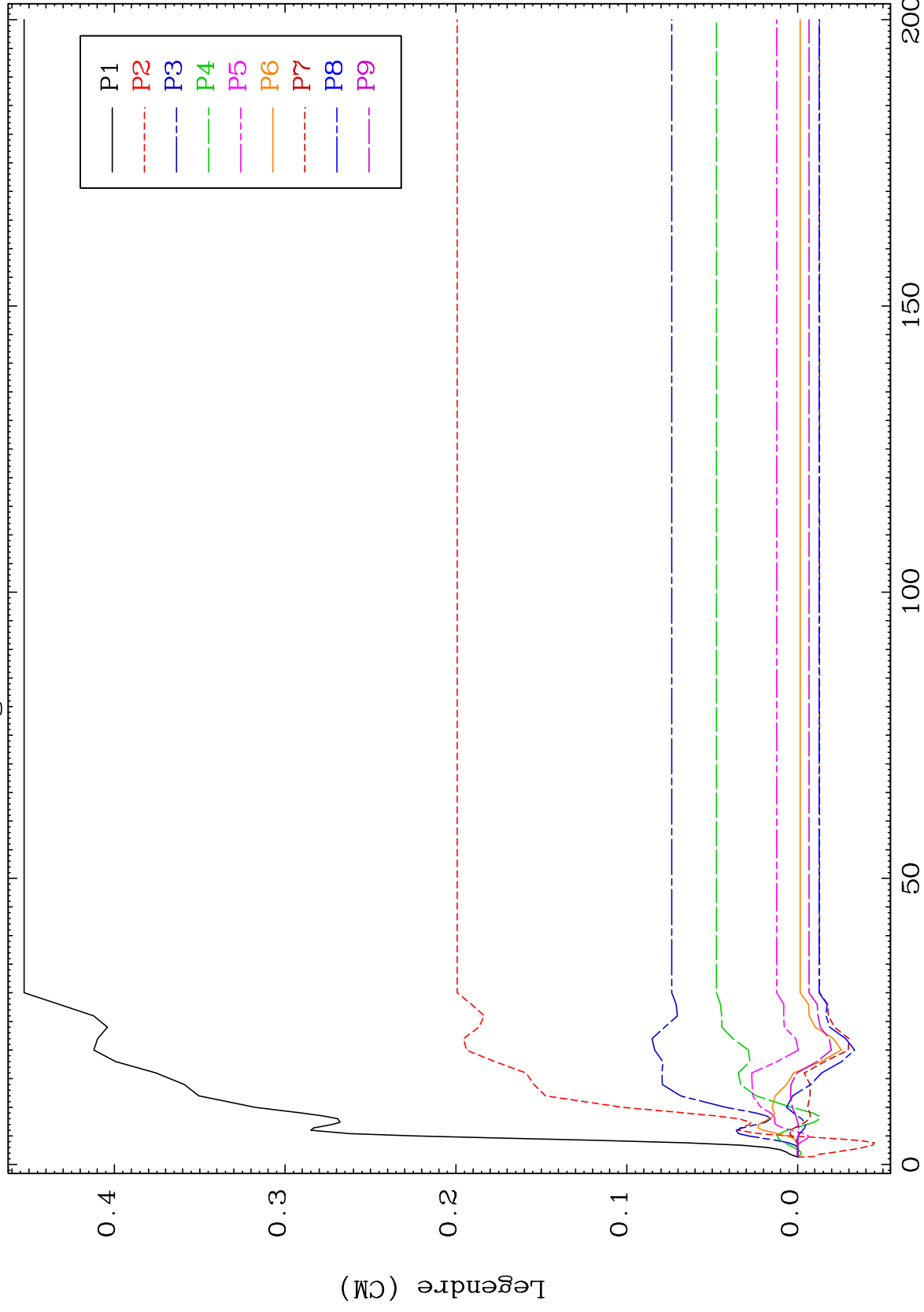
55



MAT 6631

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

66-Dy-158



57

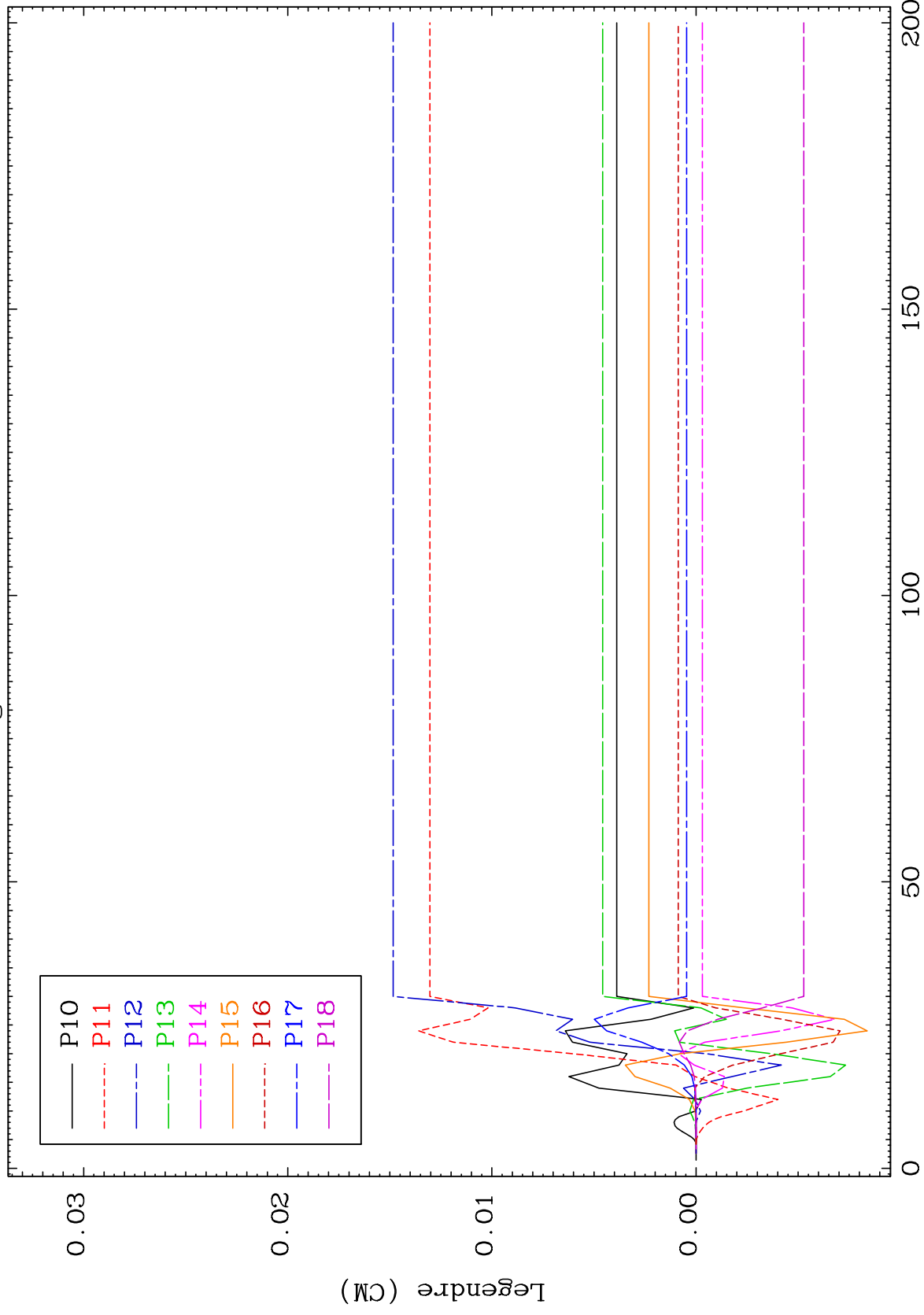
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



58

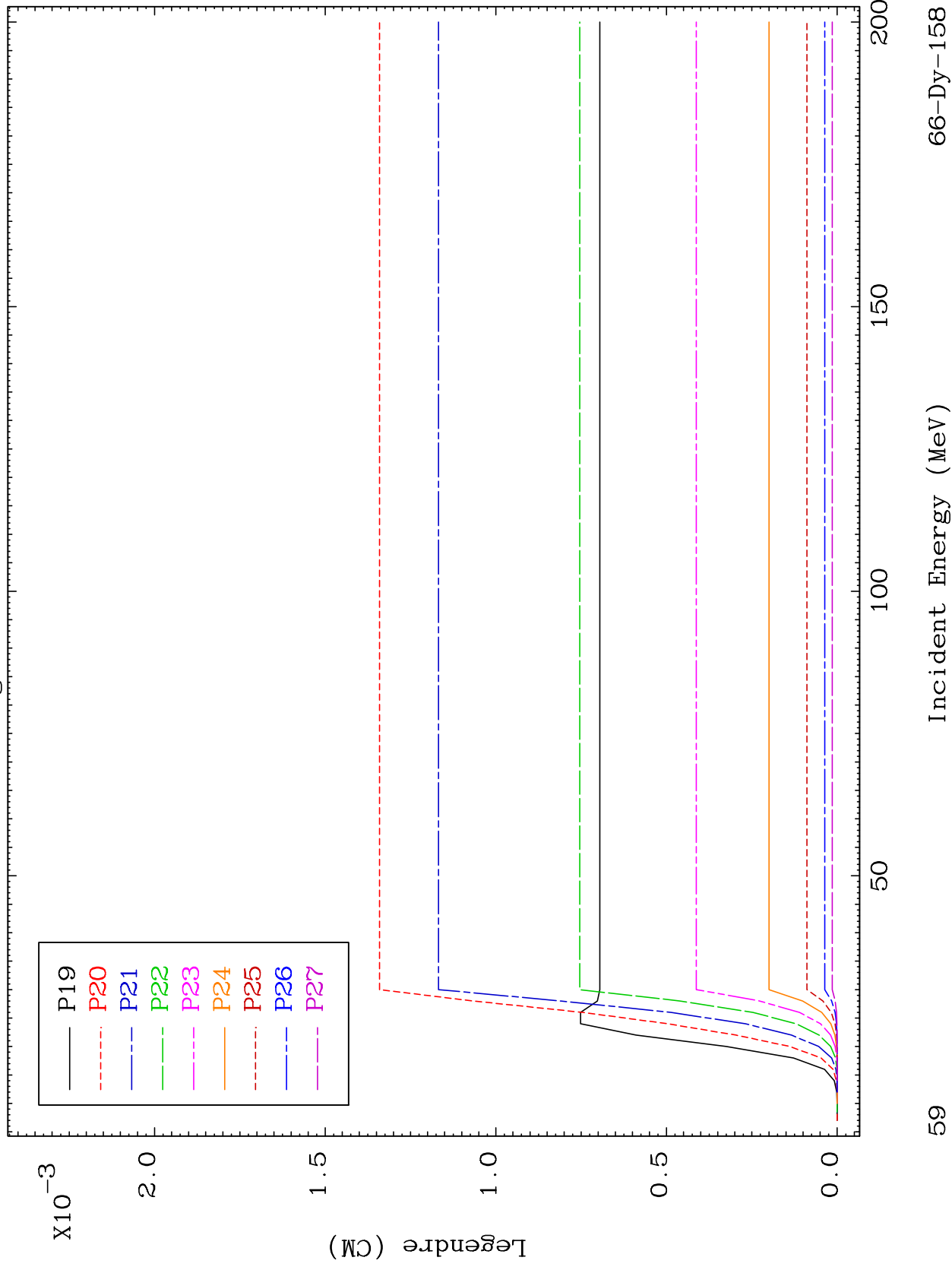
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



59

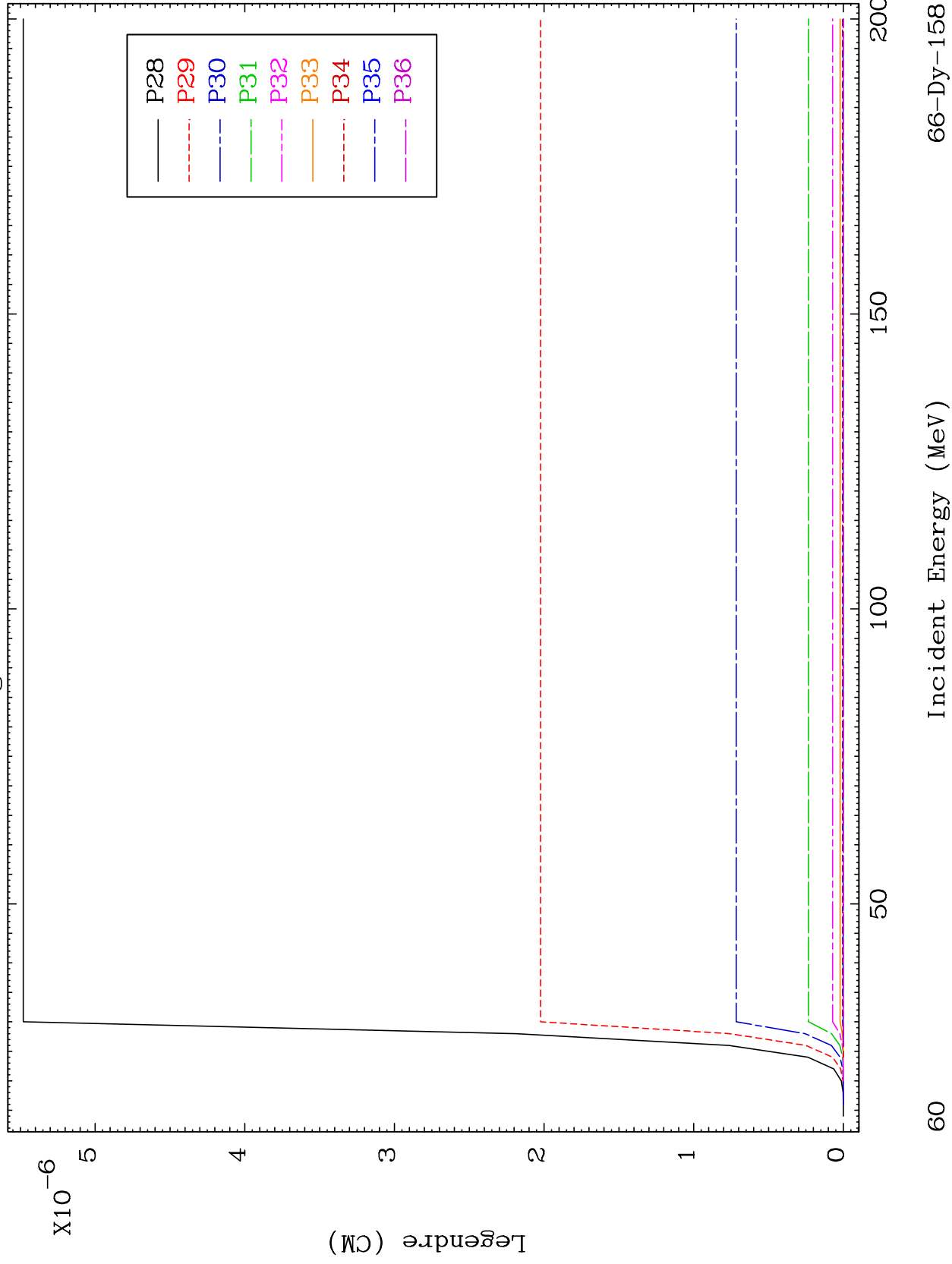
Incident Energy (MeV)

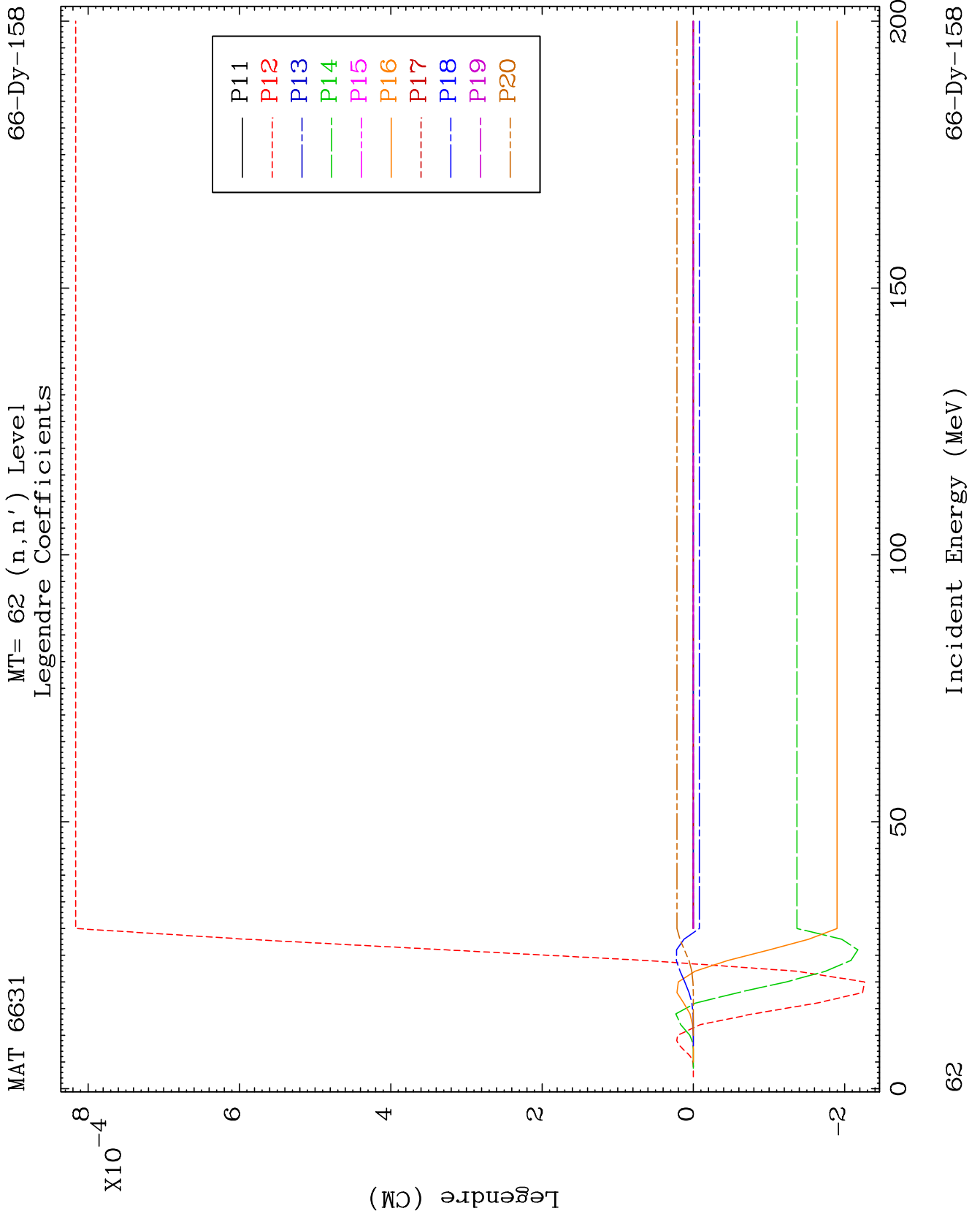
66-Dy-158

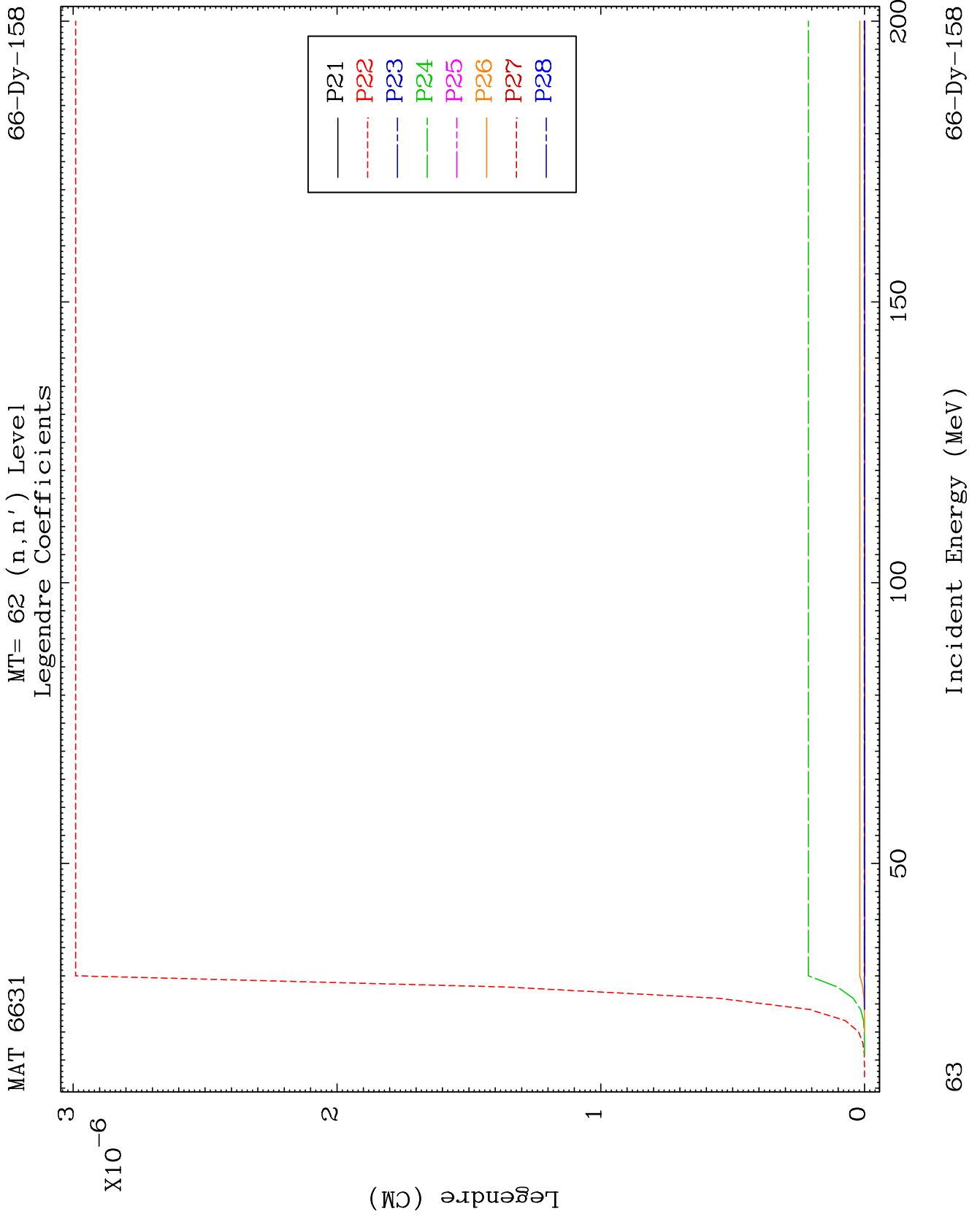
MAT 6631

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

66-Dy-158



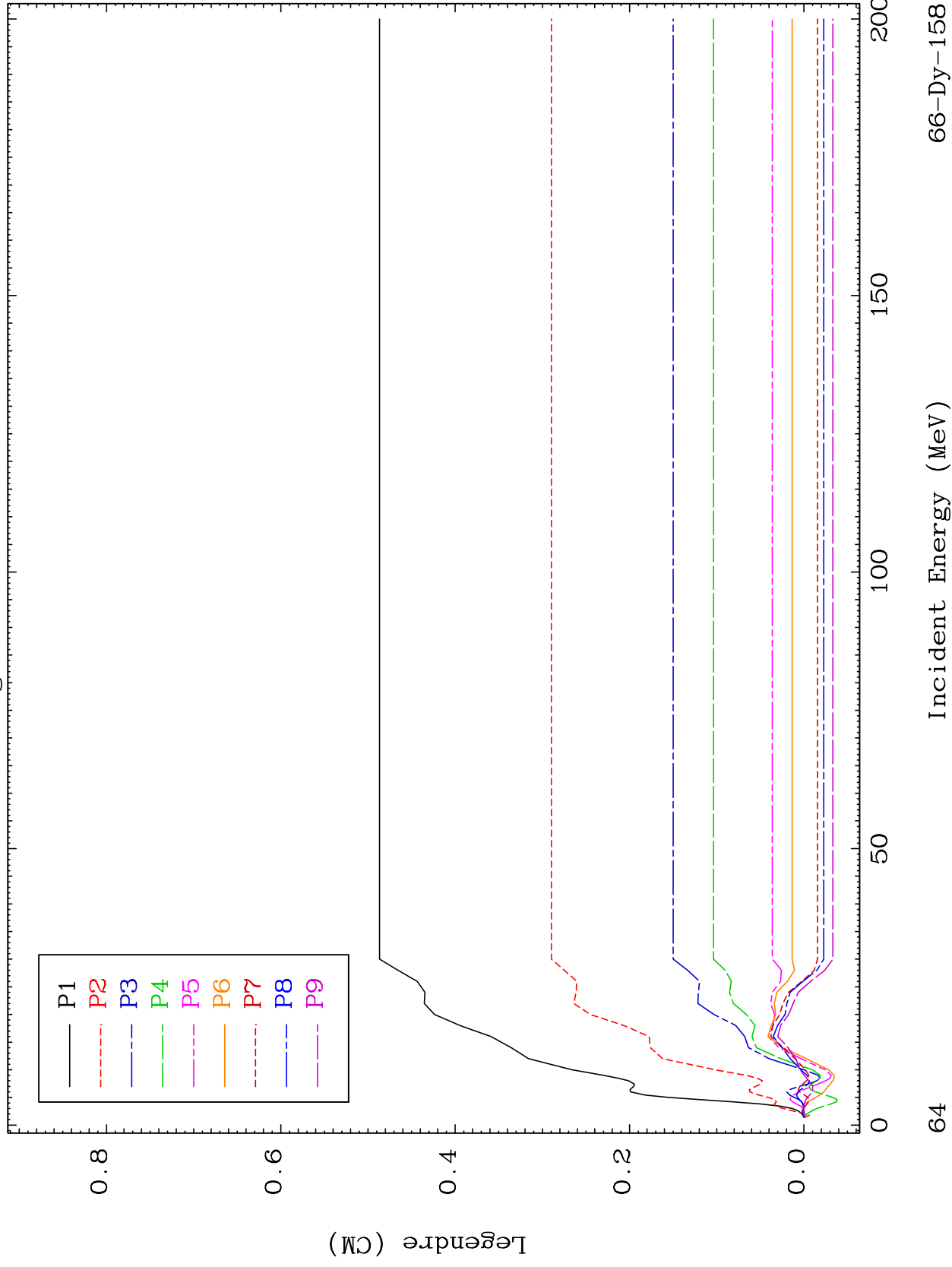




MAT 6631

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

66-Dy-158

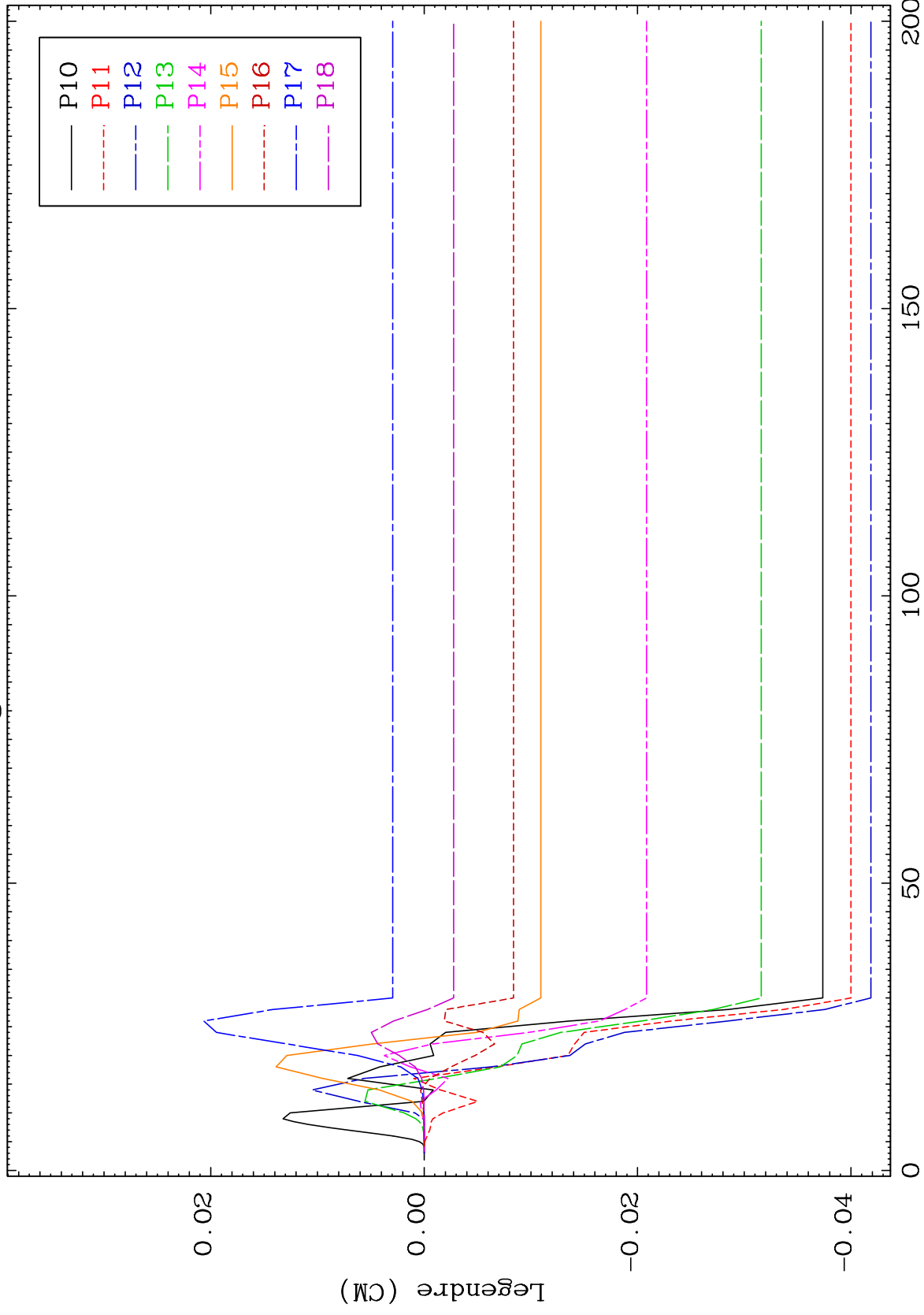


64

MAT 6631

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

66-Dy-158



65

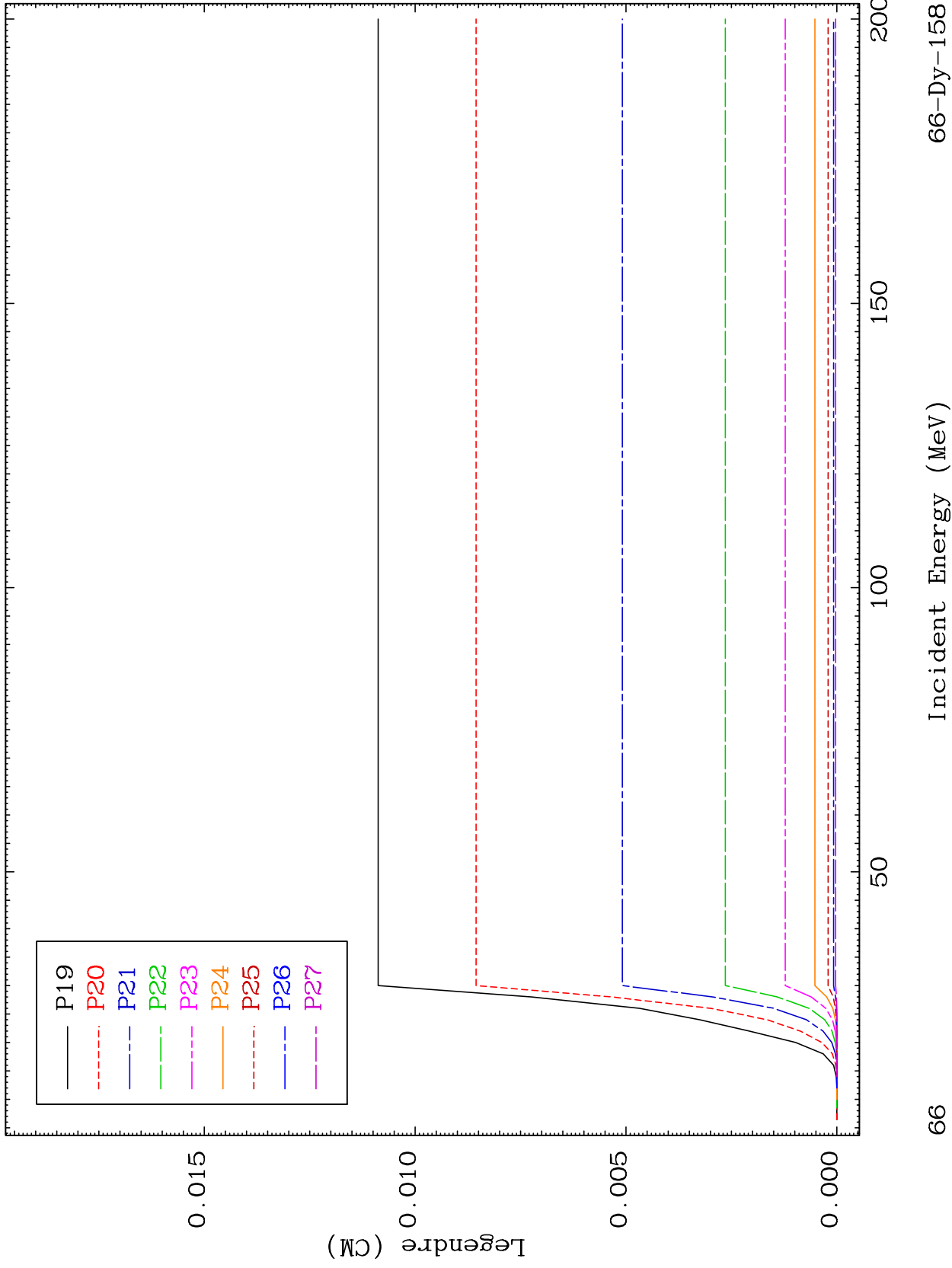
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



66

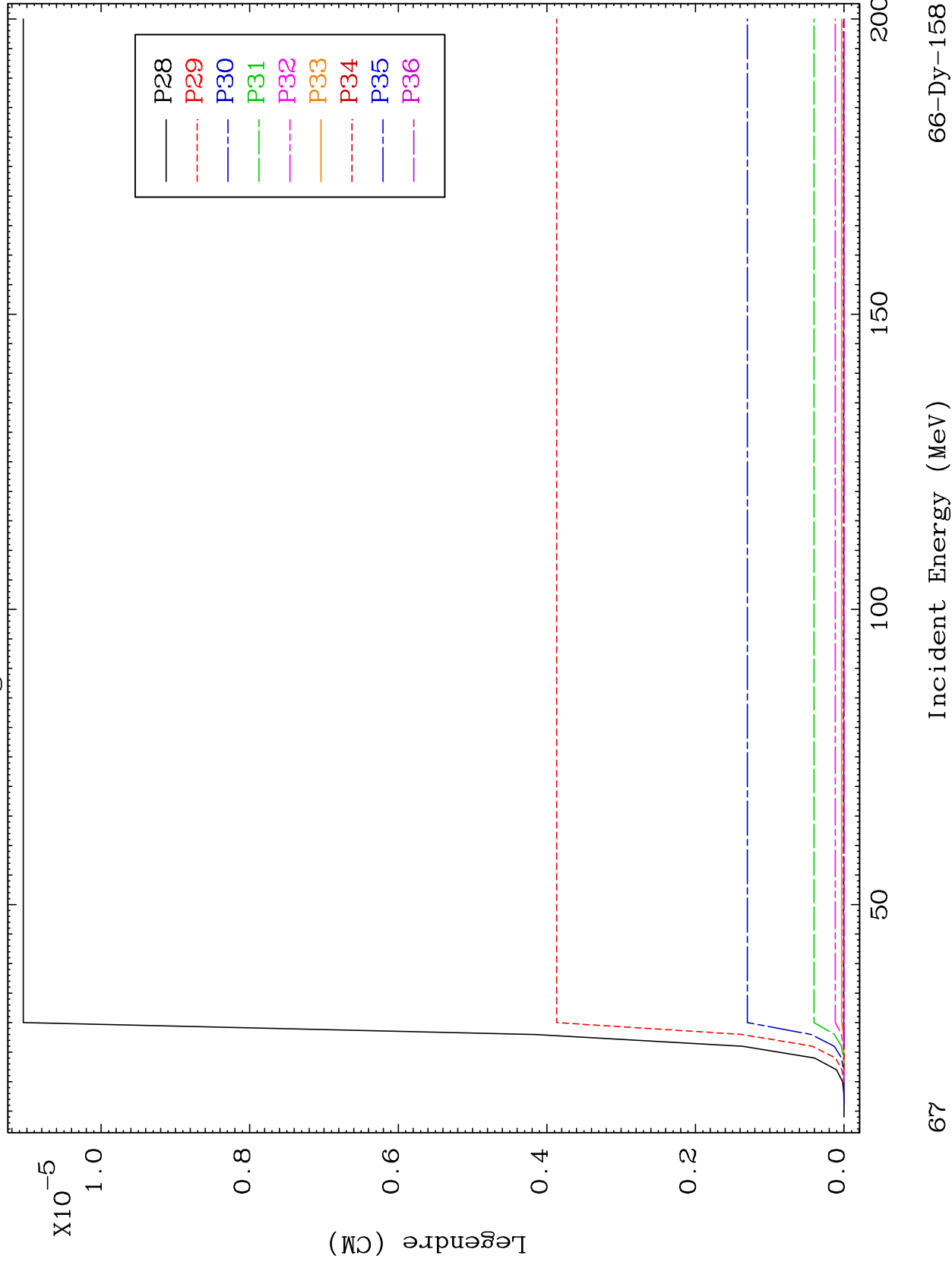
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158

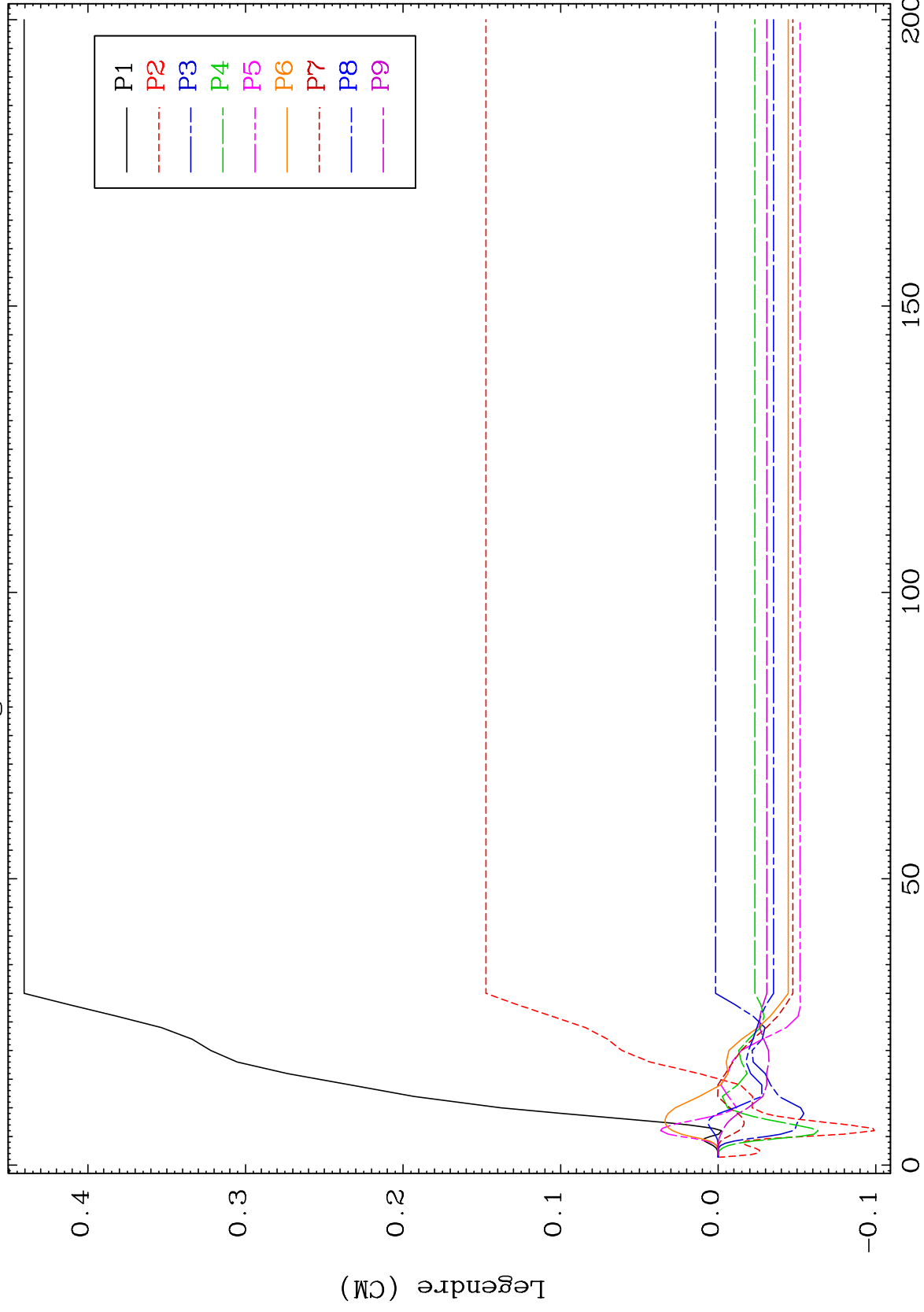


67

MAT 6631

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

66-Dy-158



68

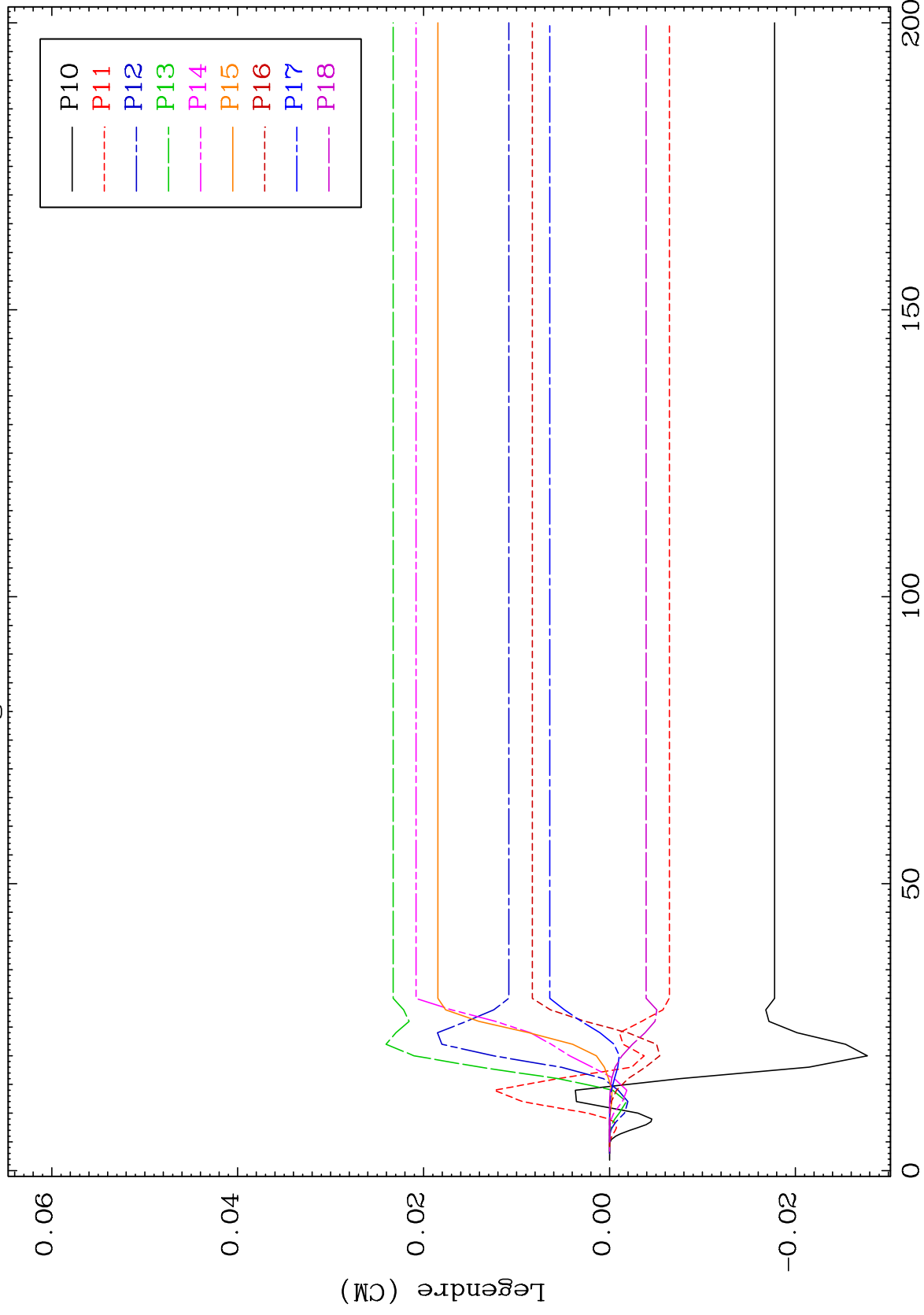
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



69

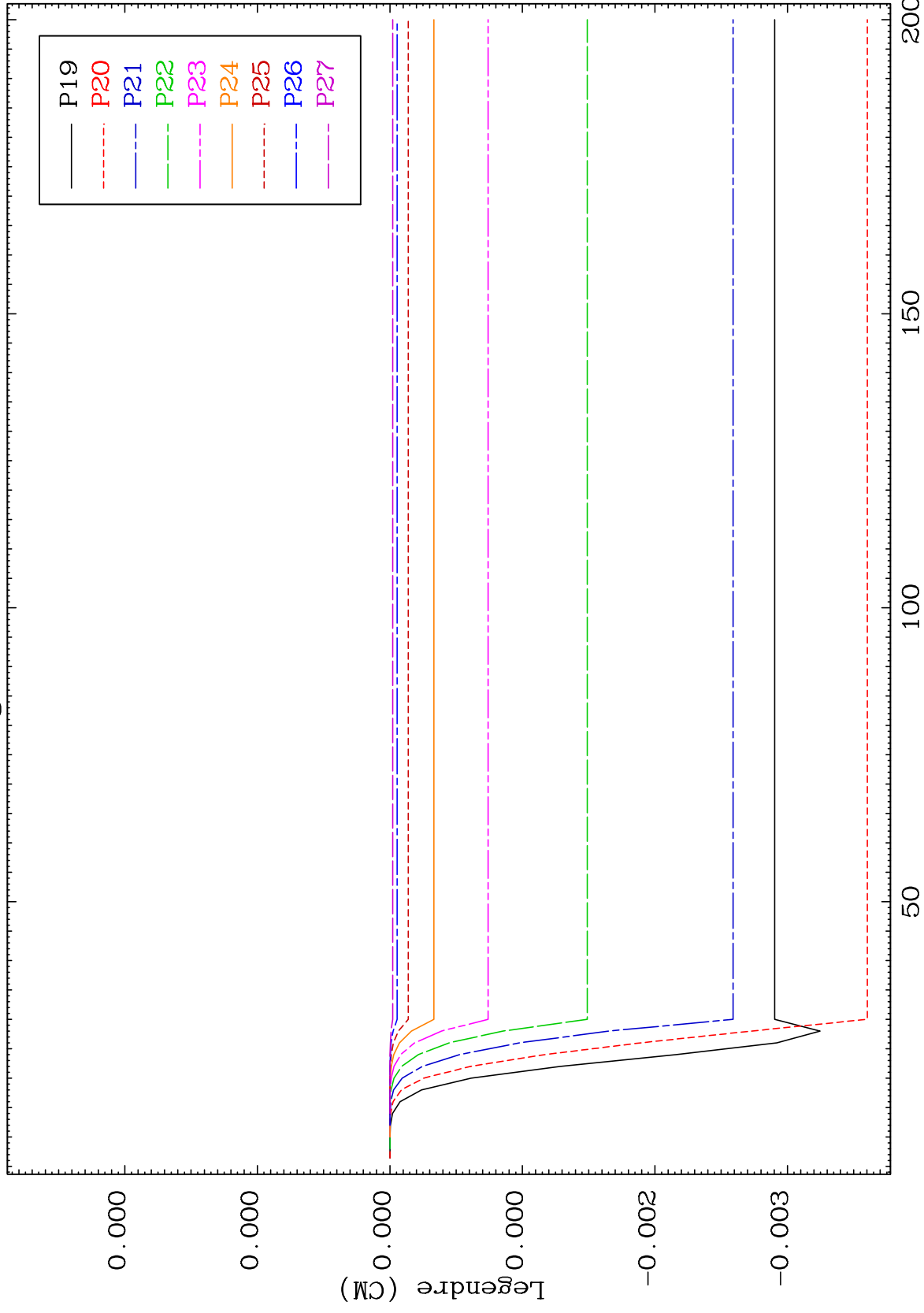
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



70

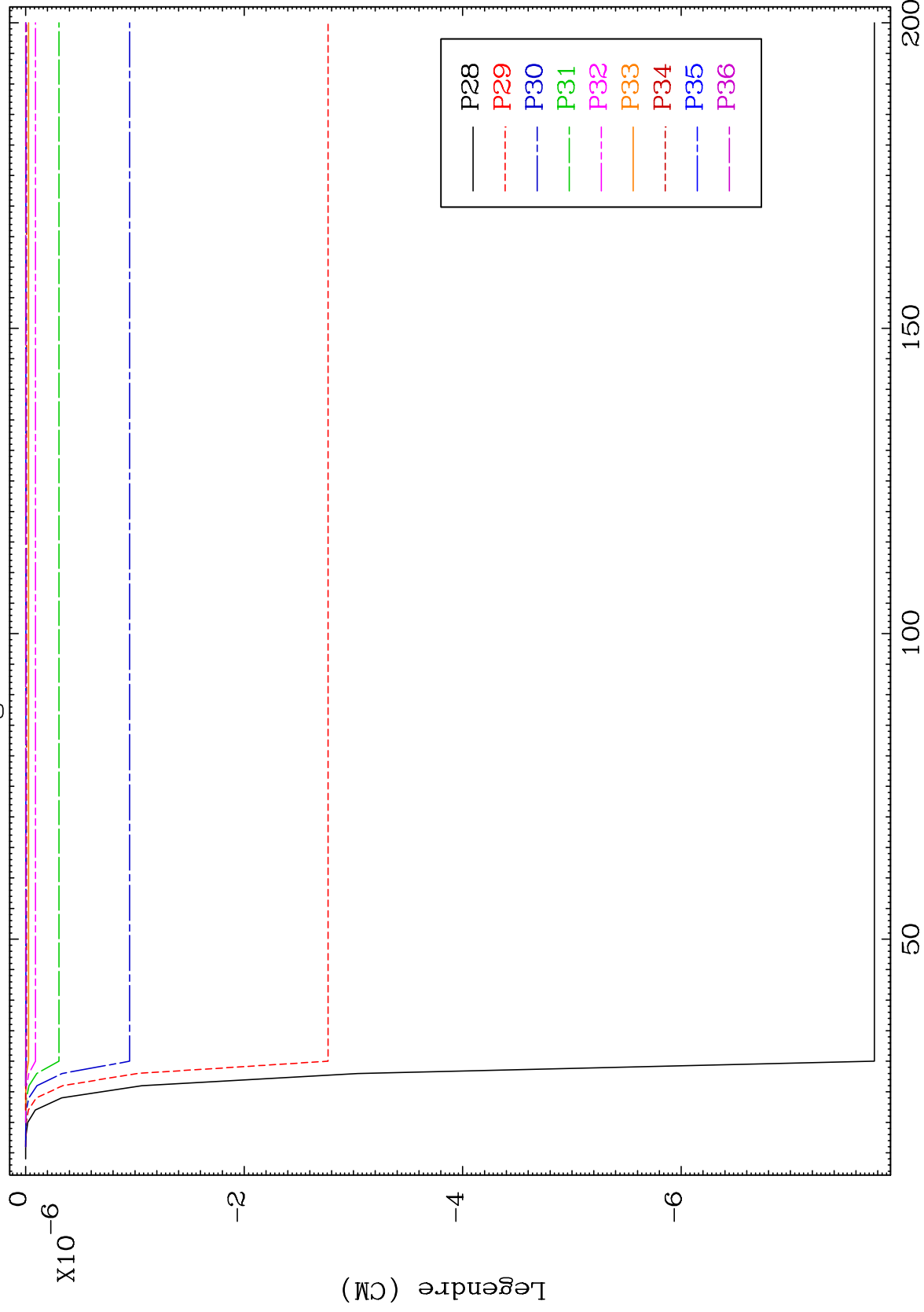
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



71

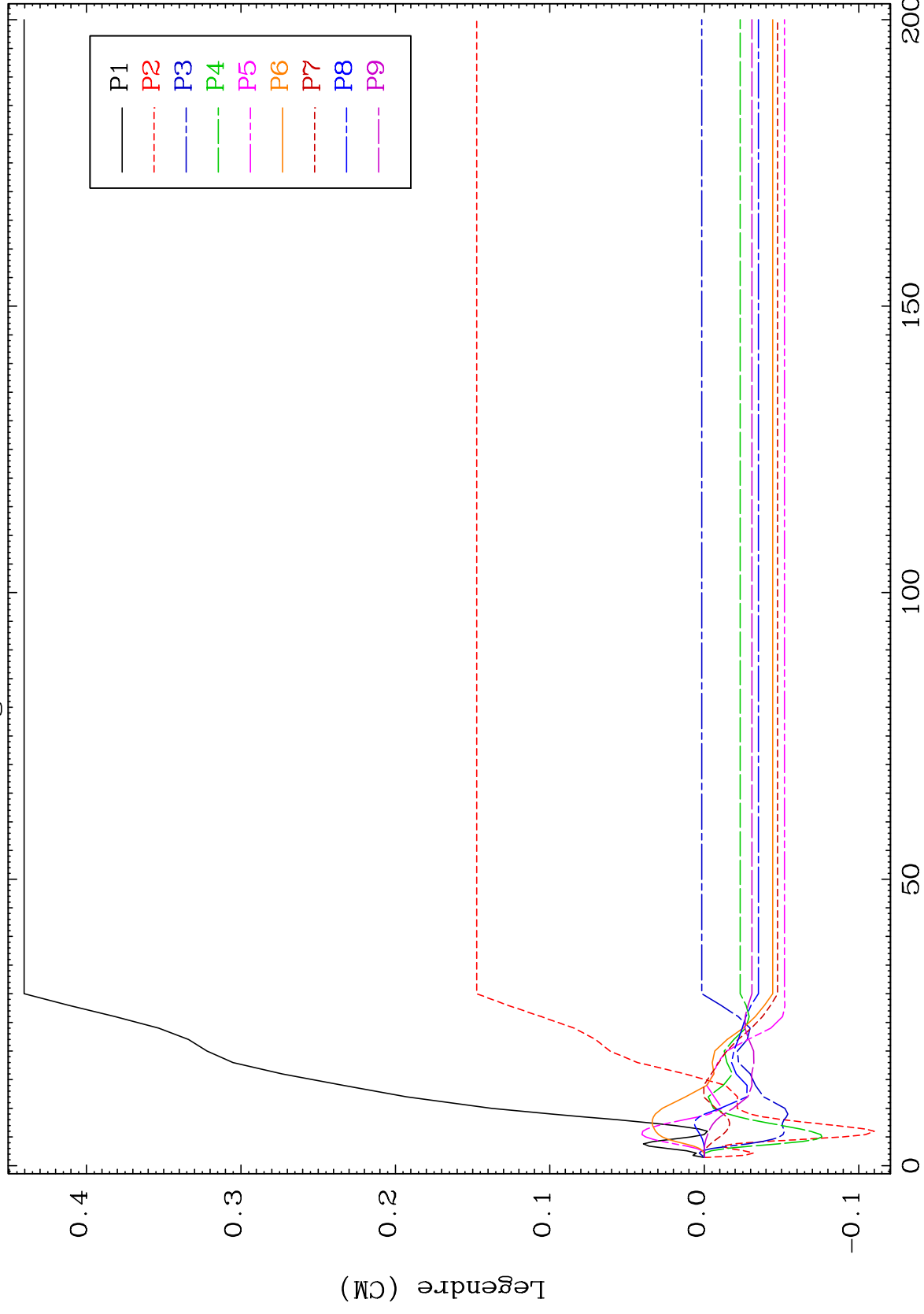
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



72

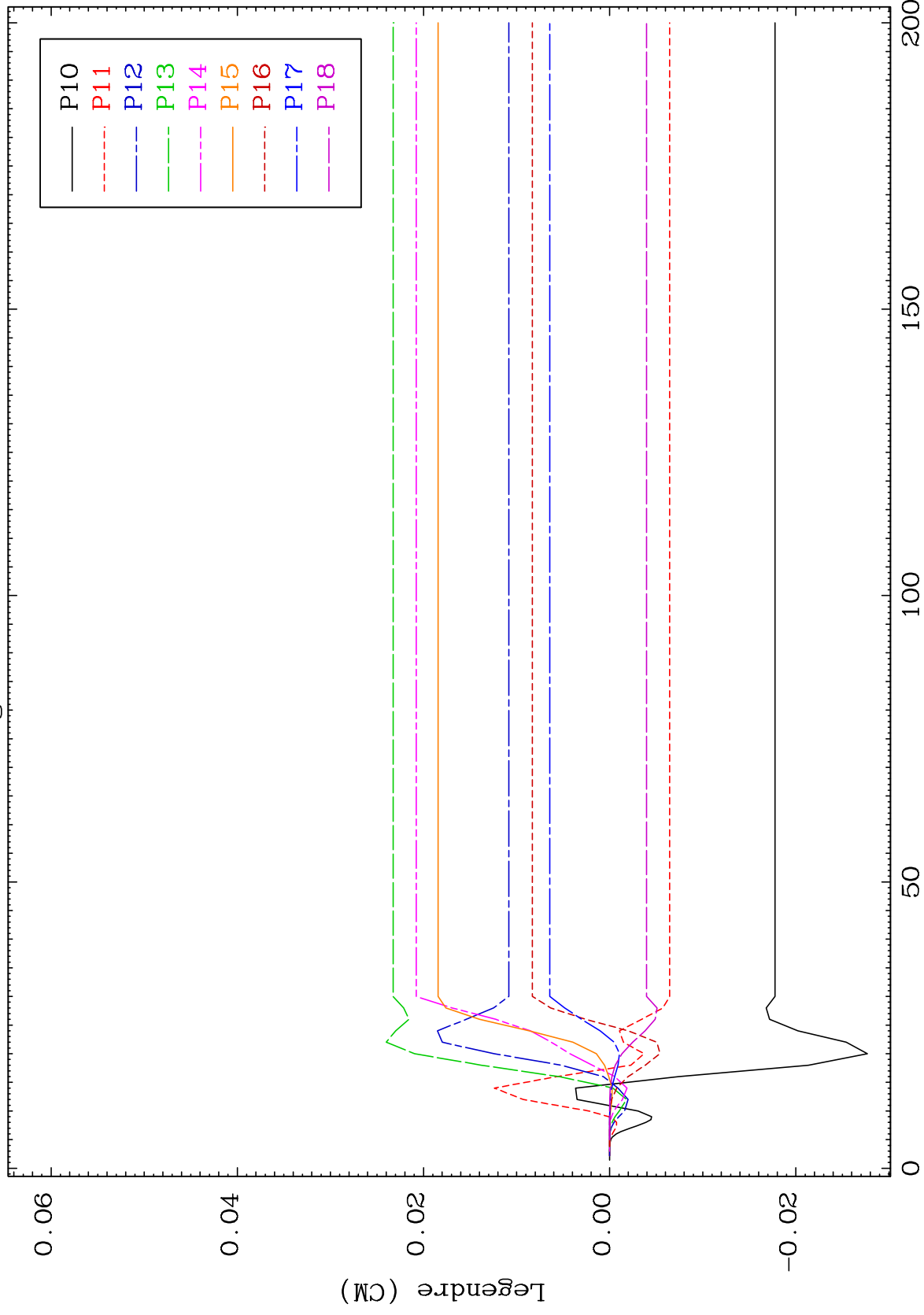
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



73

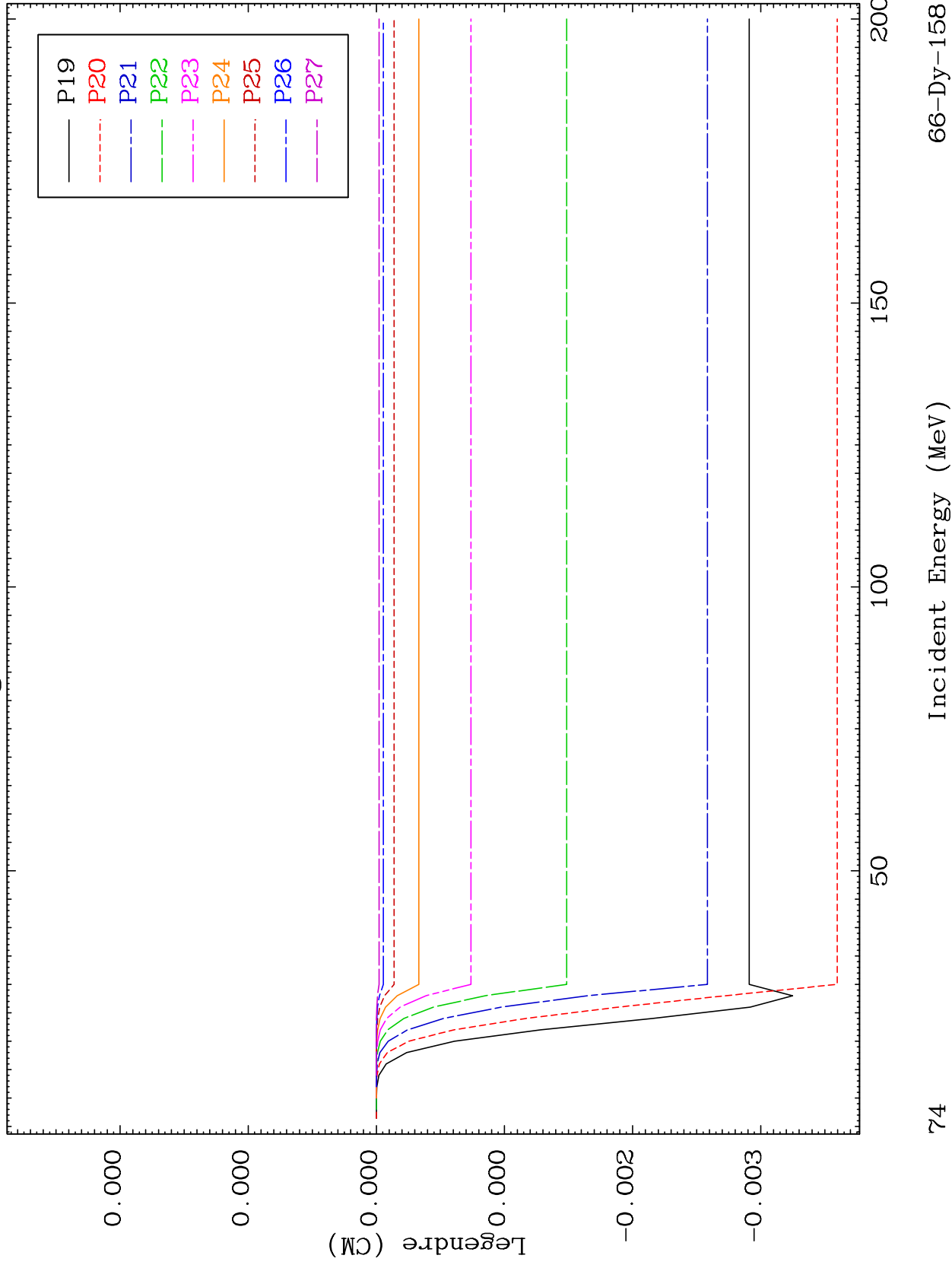
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

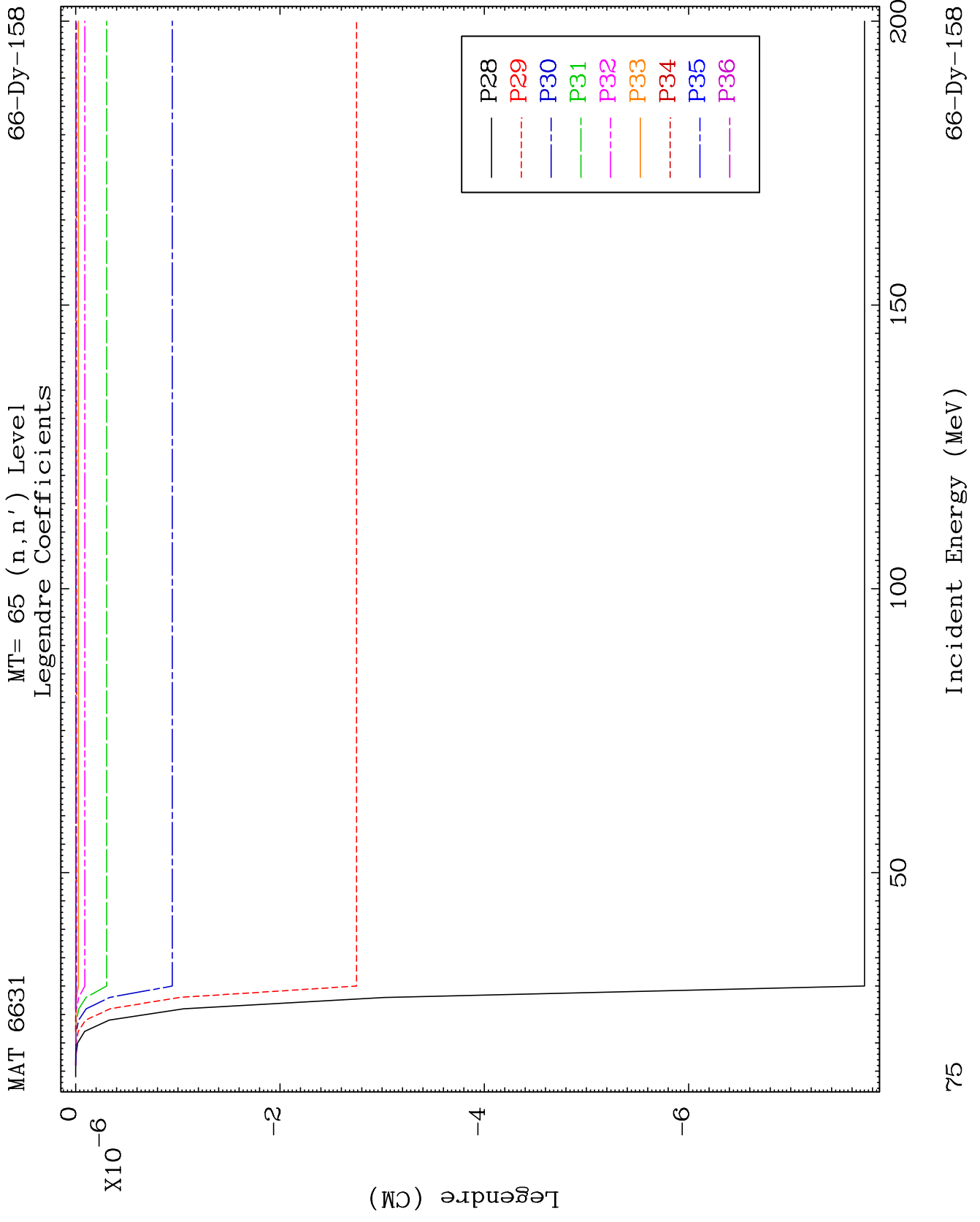
66-Dy-158



74

Incident Energy (MeV)

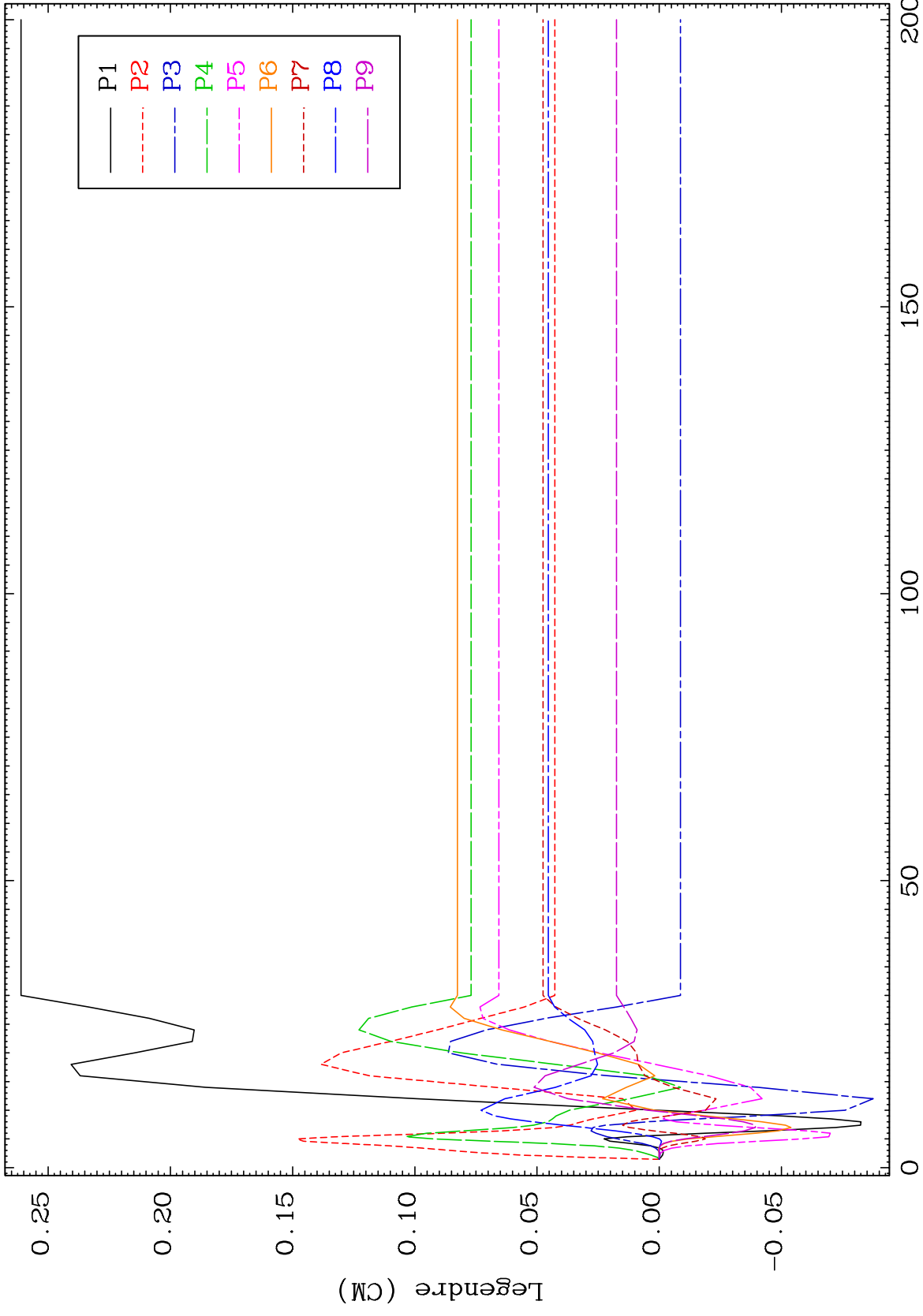
66-Dy-158



MAT 6631

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

66-Dy-158



76

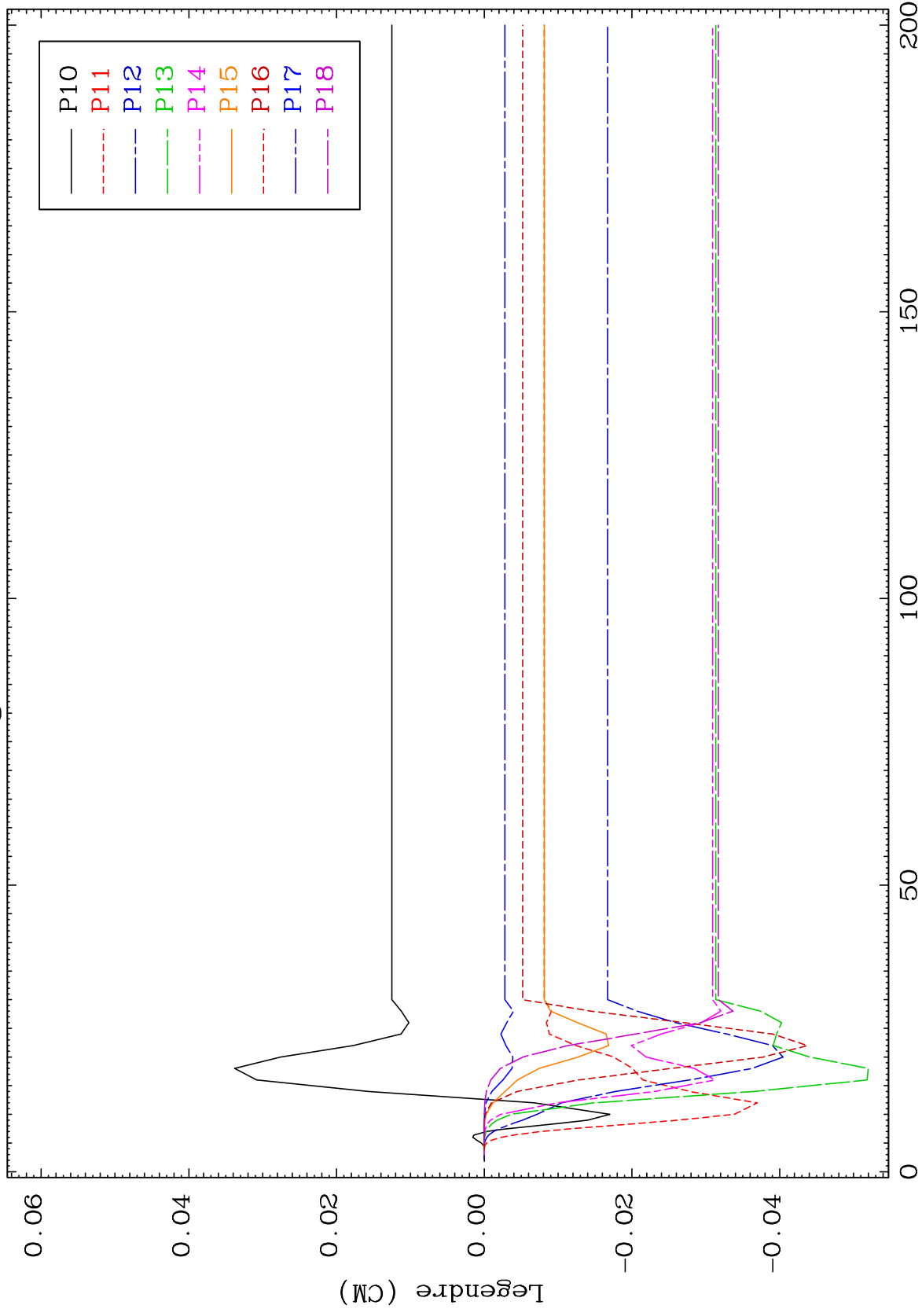
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



77

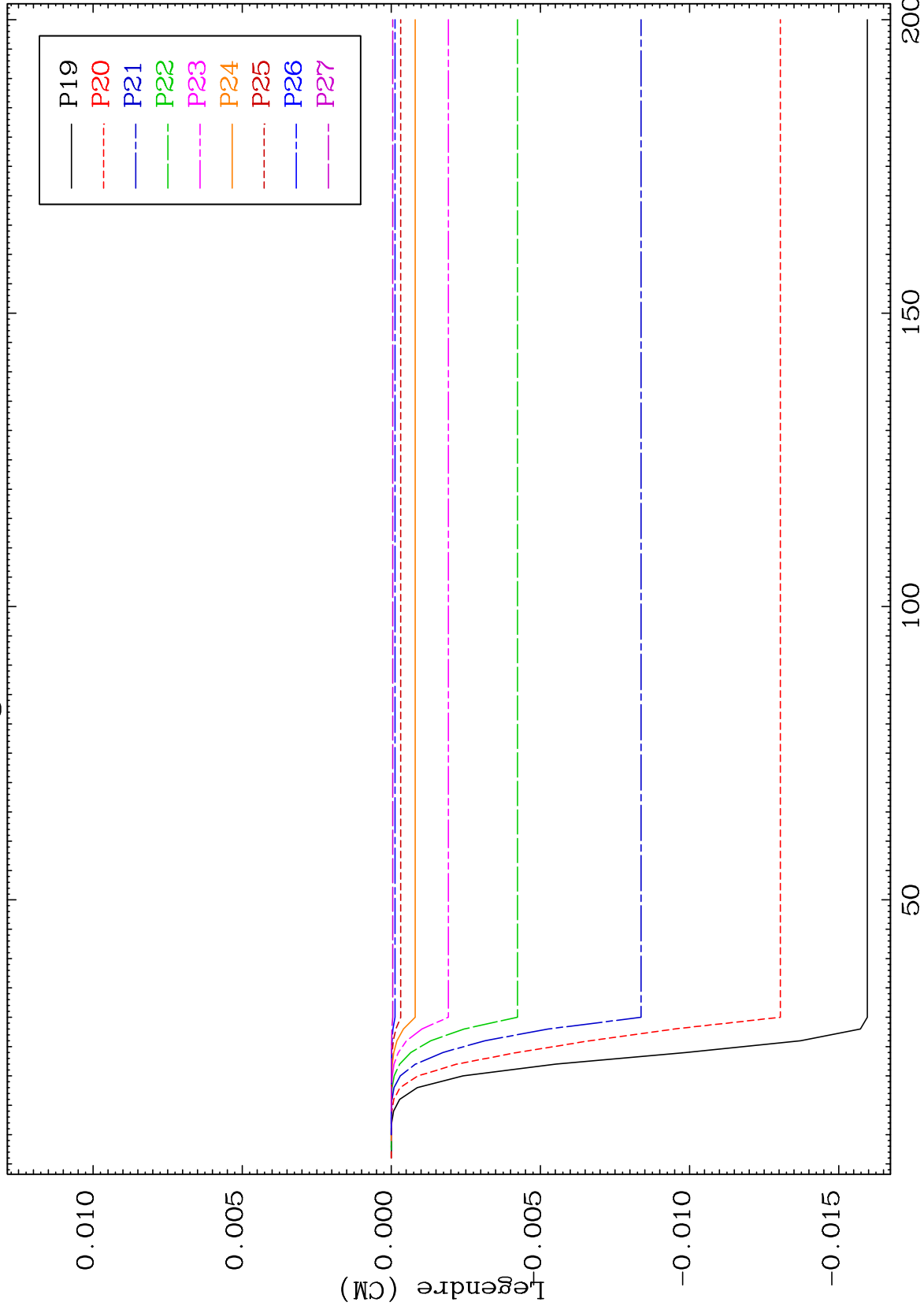
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



78

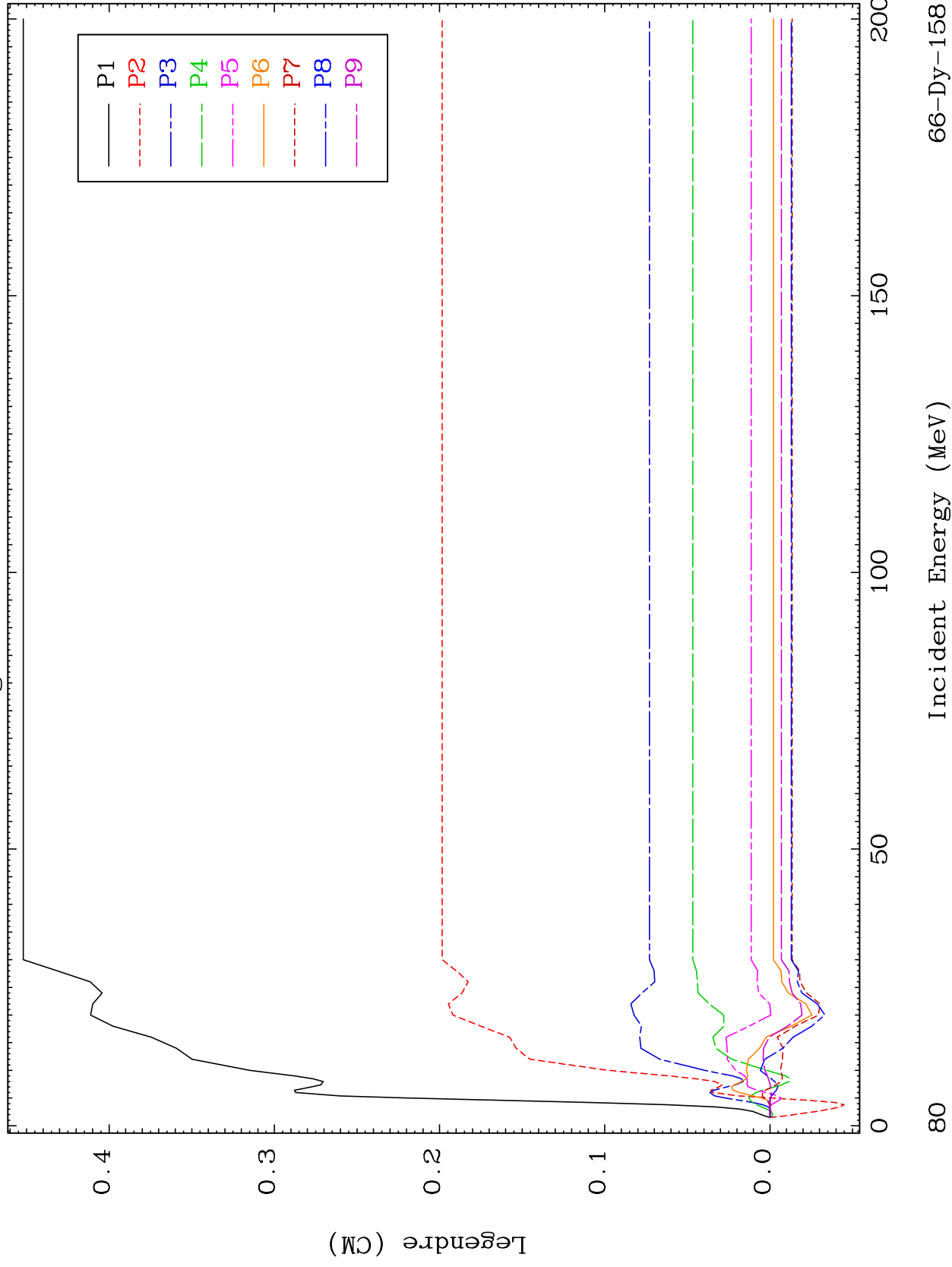
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



66-Dy-158

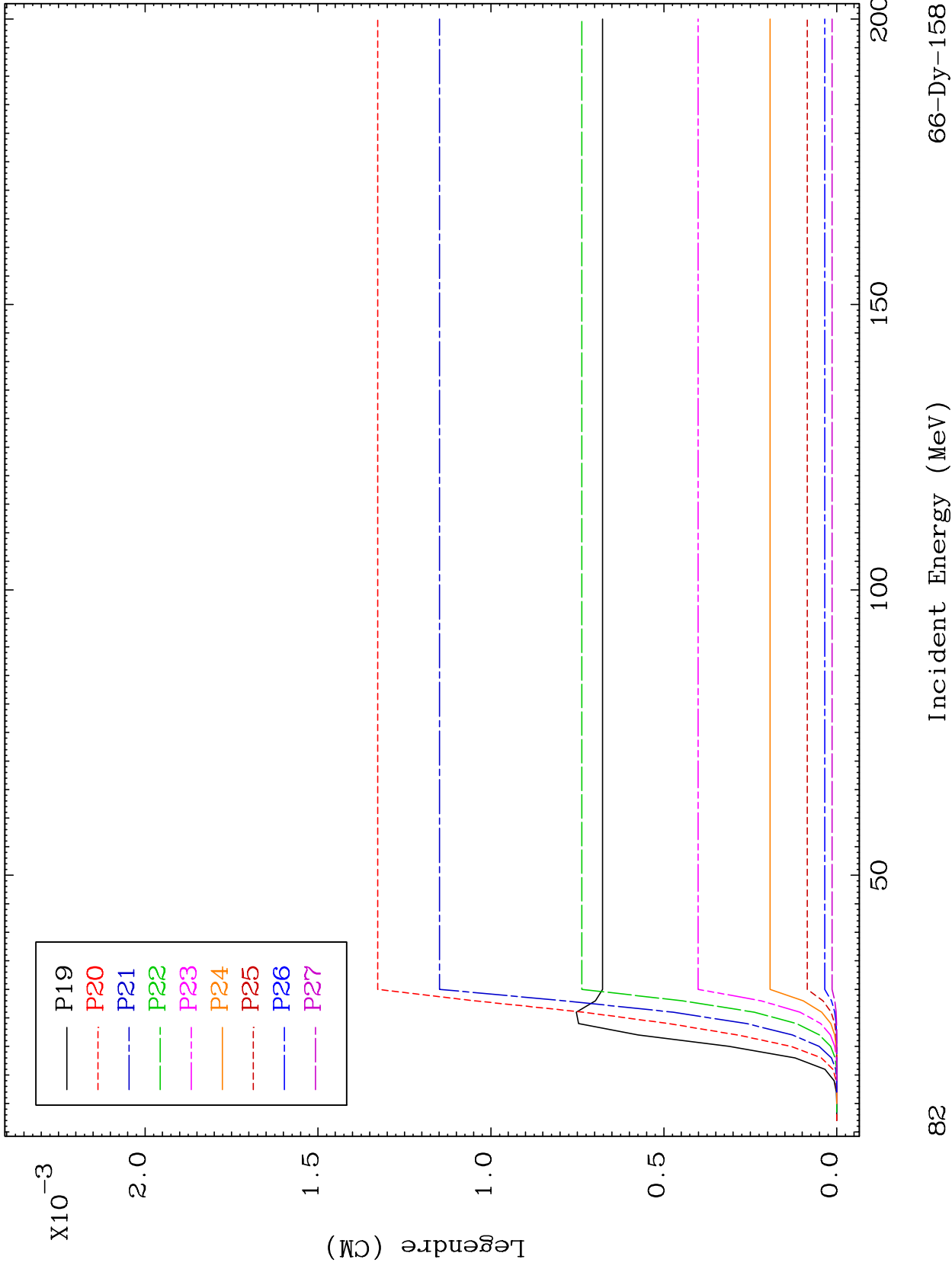
Incident Energy (MeV)

80

MAT 6631

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

66-Dy-158

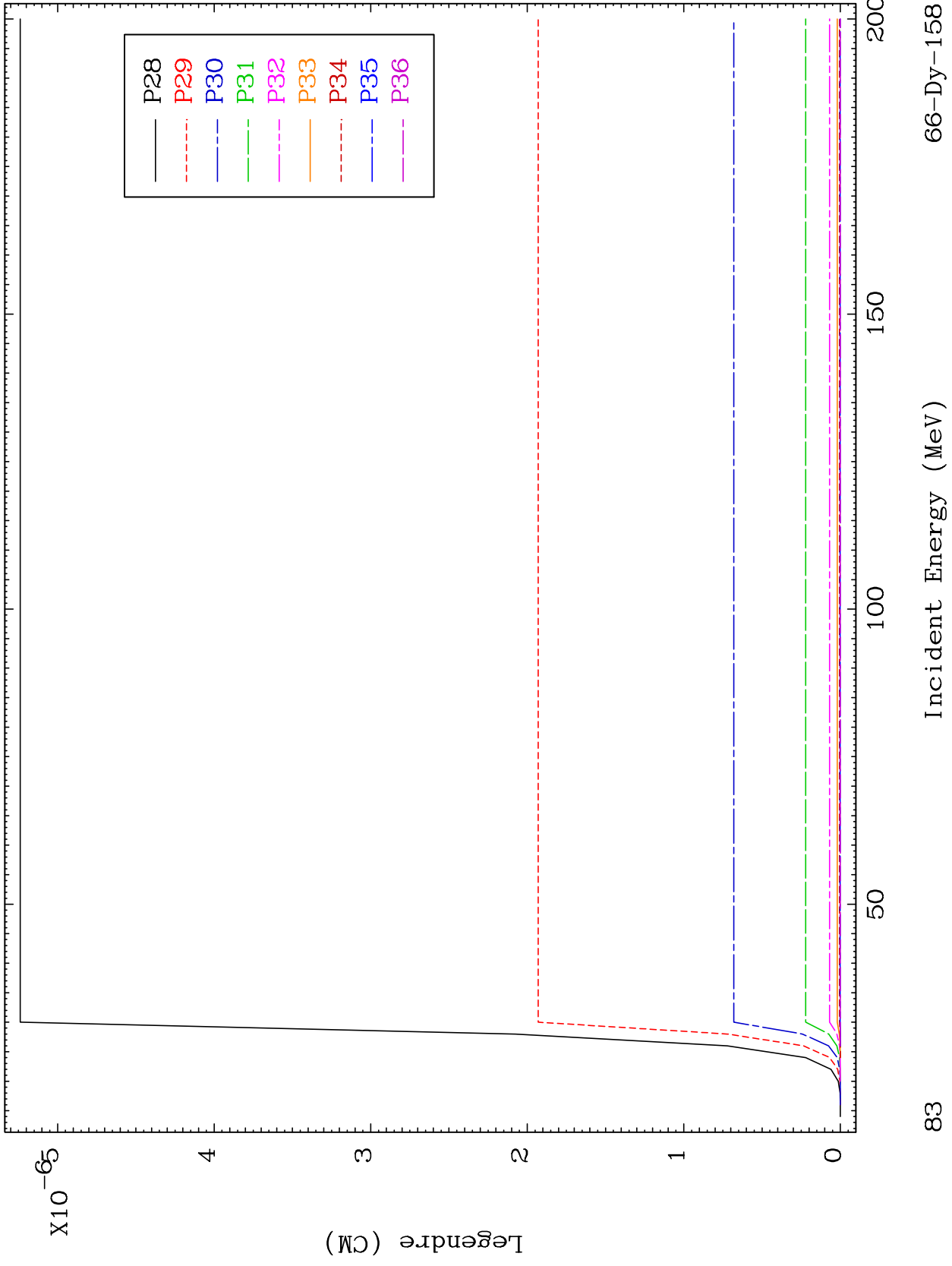


82

MAT 6631

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

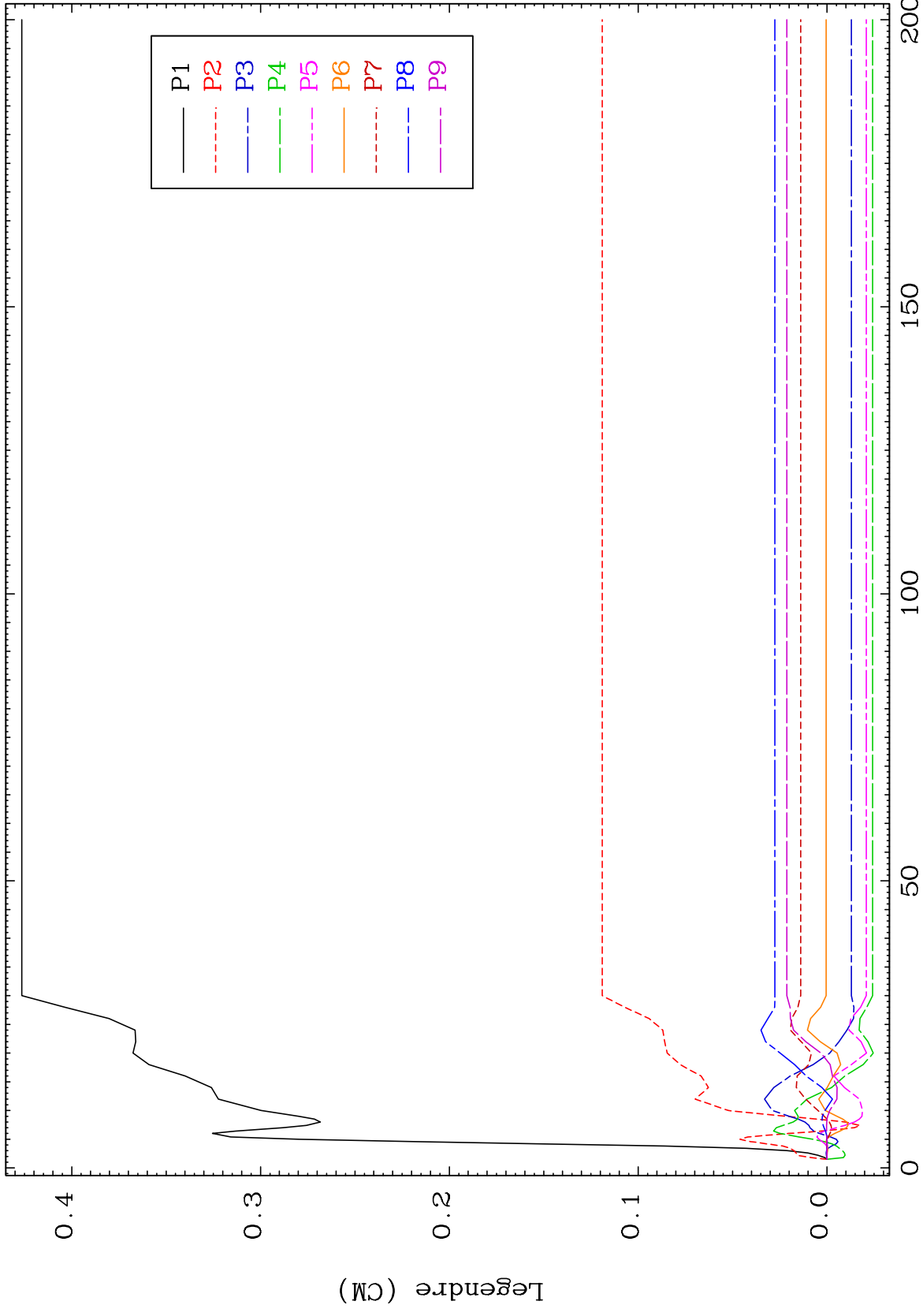
66-Dy-158



MAT 6631

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

66-Dy-158



84

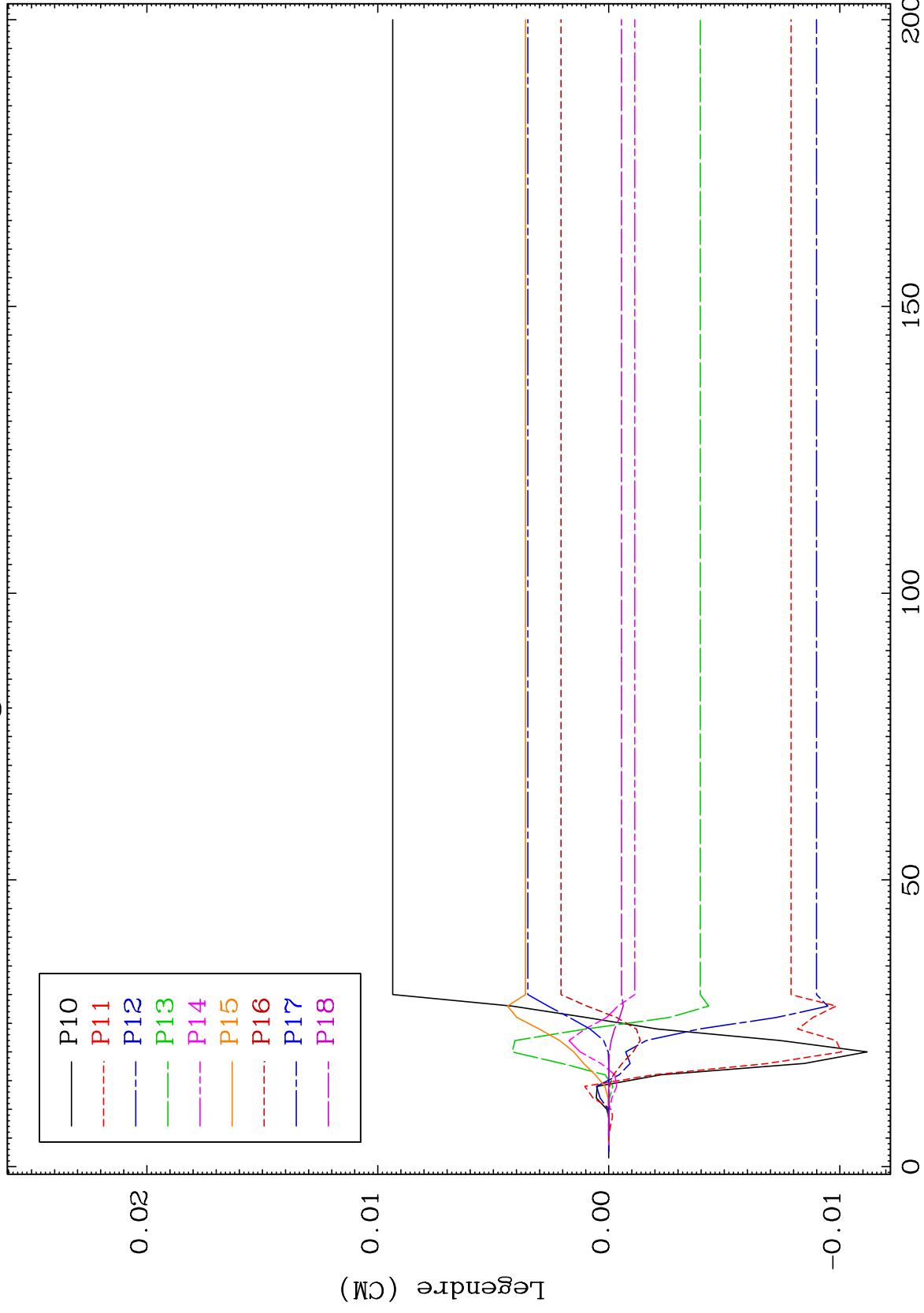
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

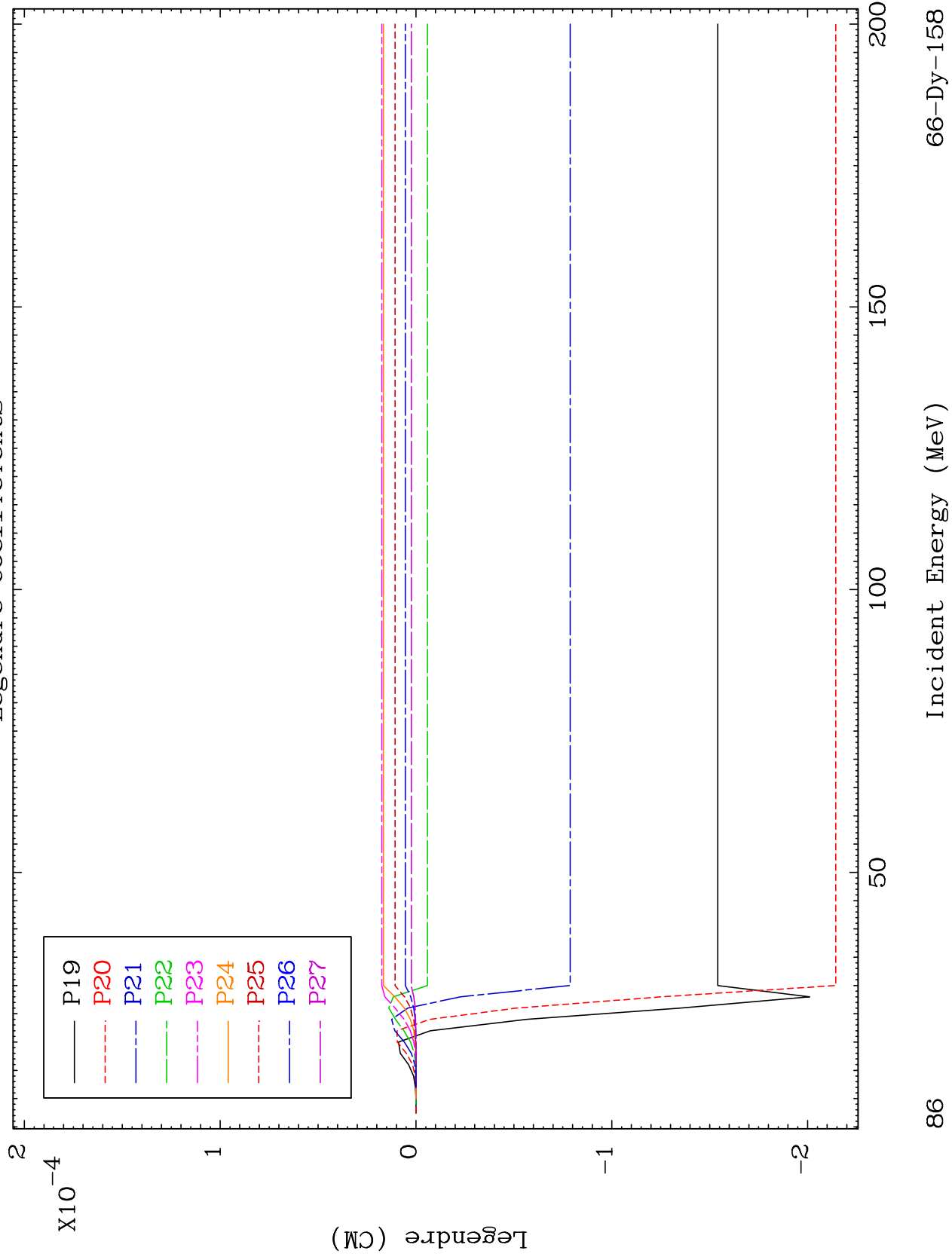
66-Dy-158



85

Incident Energy (MeV)

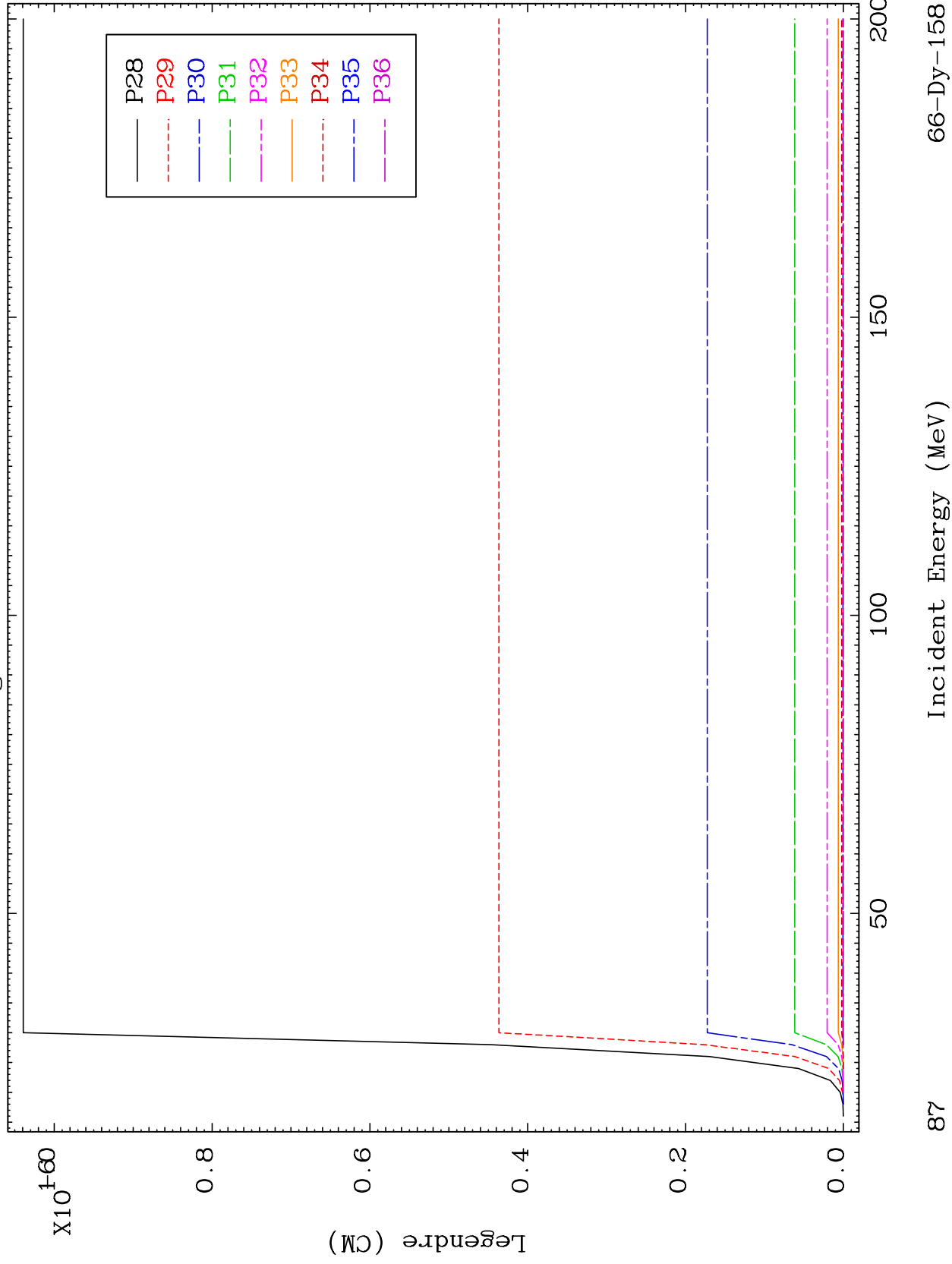
66-Dy-158



MAT 6631

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

66-Dy-158



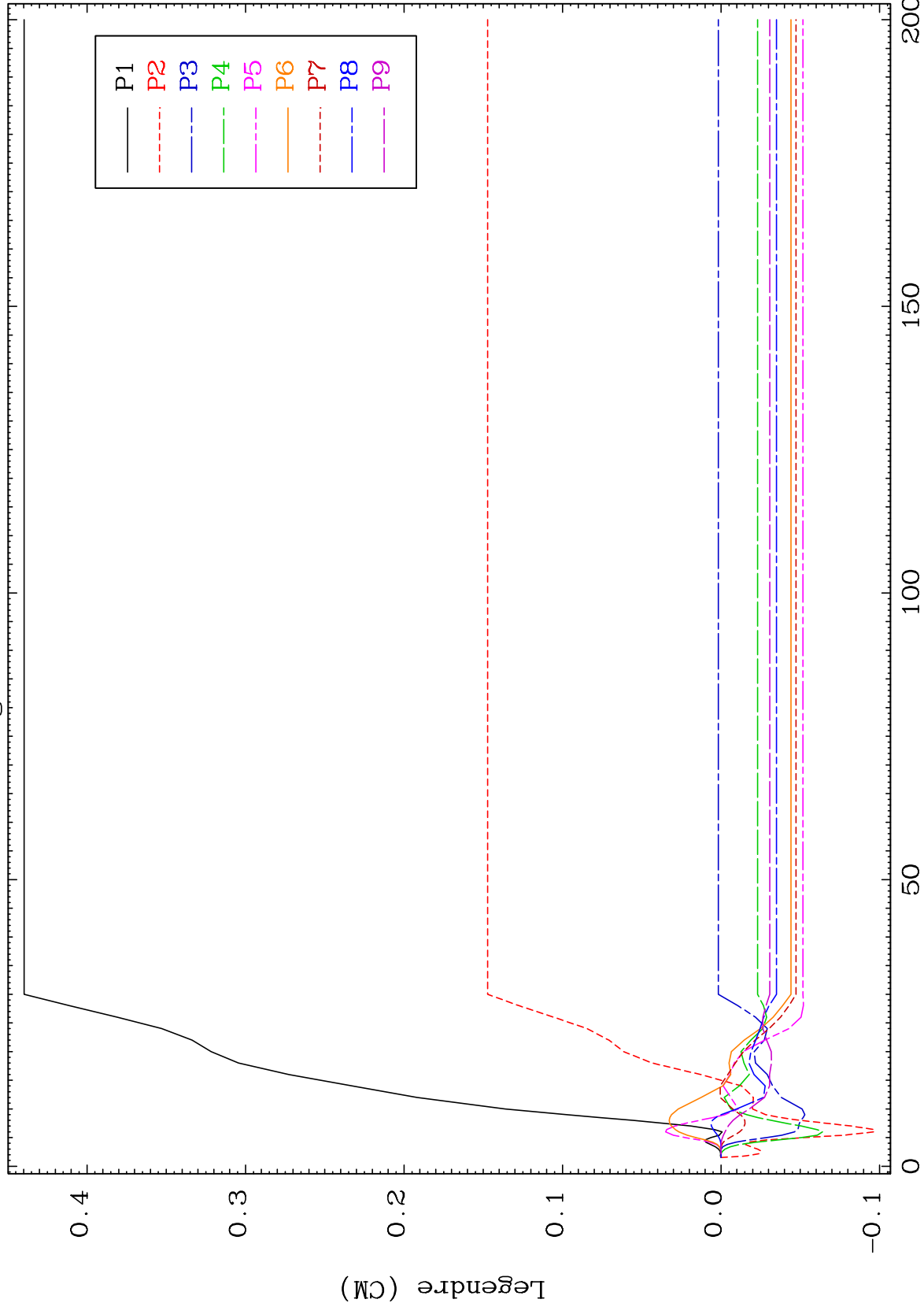
87

66-Dy-158

MAT 6631

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

66-Dy-158



88

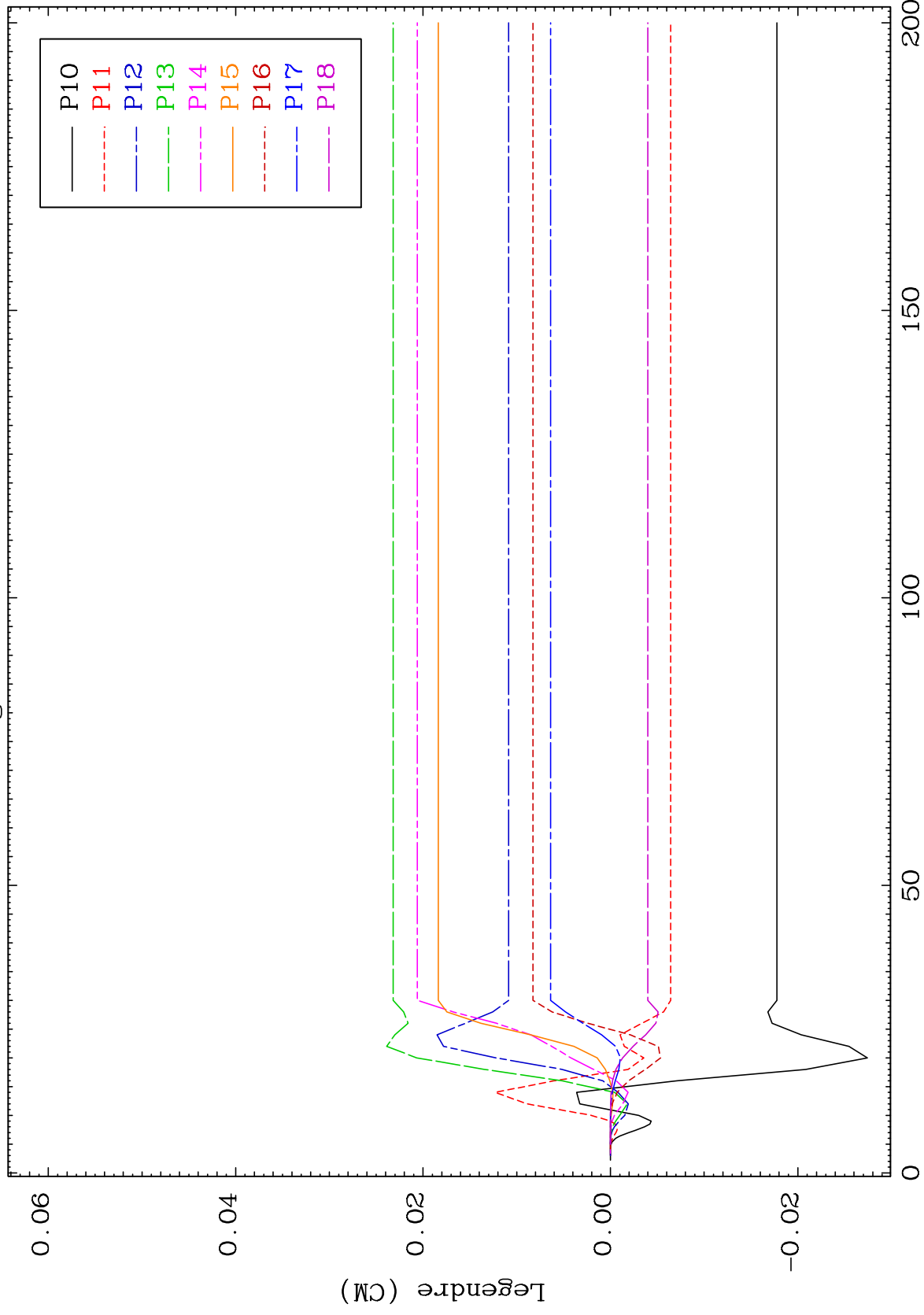
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



89

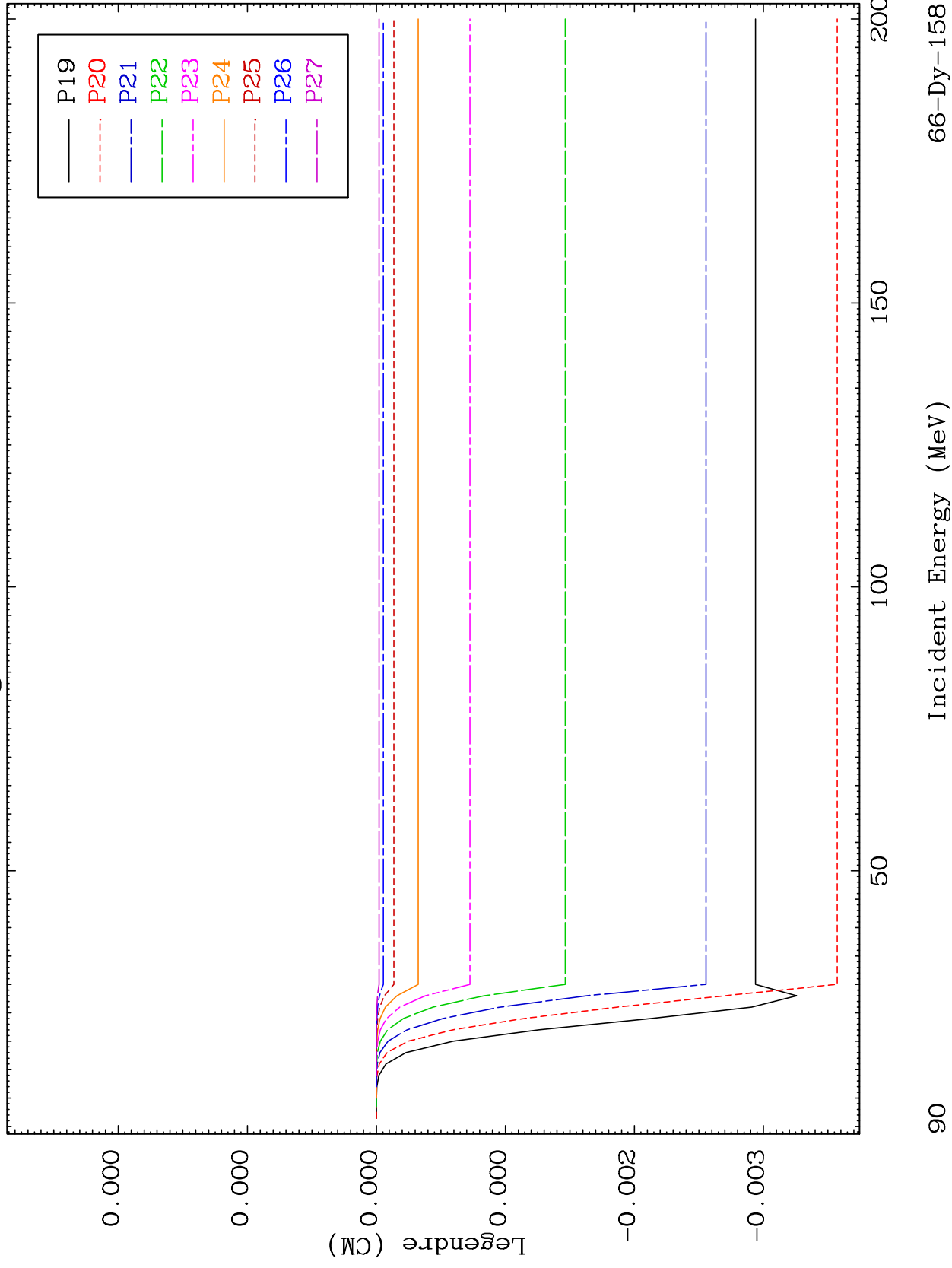
Incident Energy (MeV)

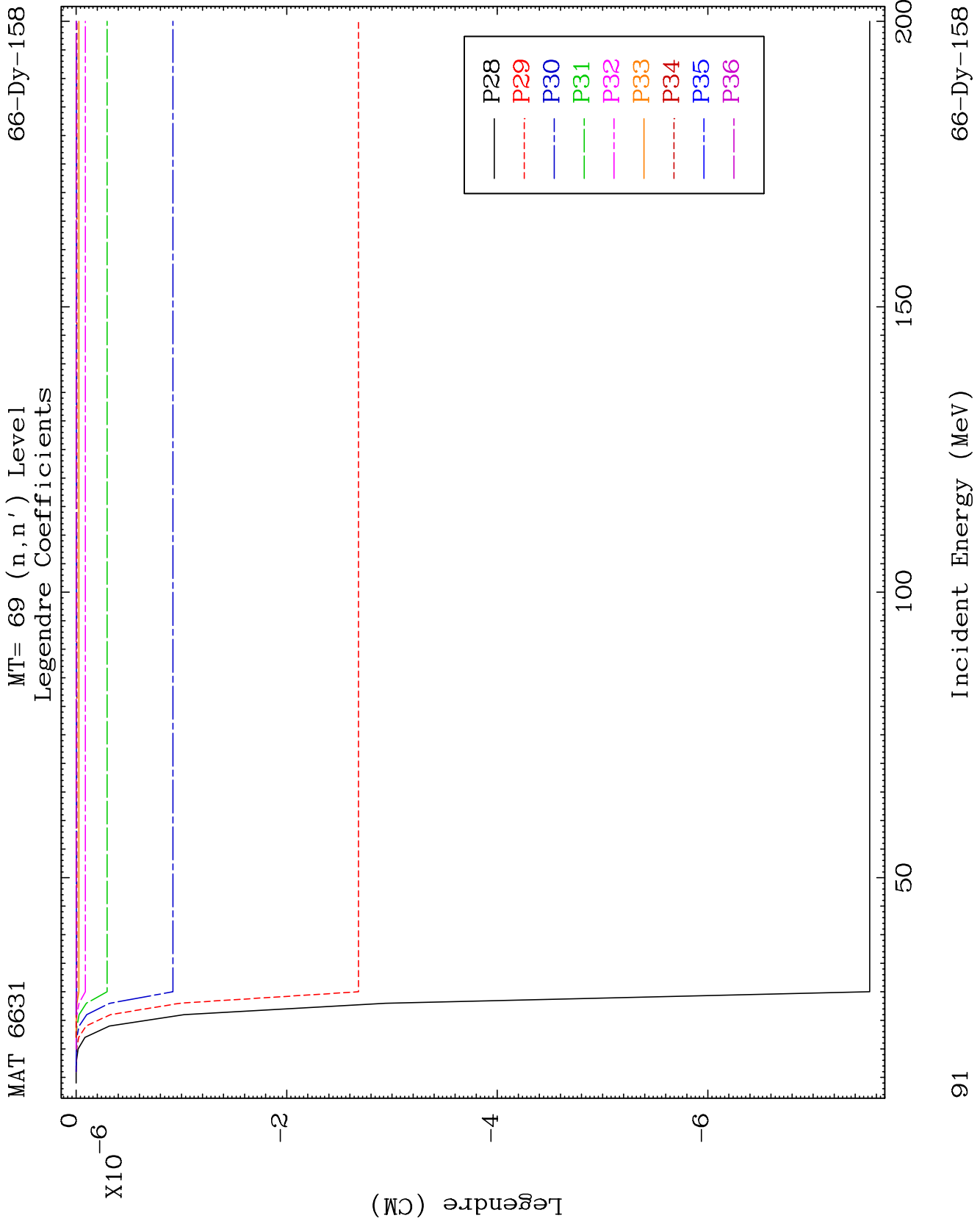
66-Dy-158

MAT 6631

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

66-Dy-158

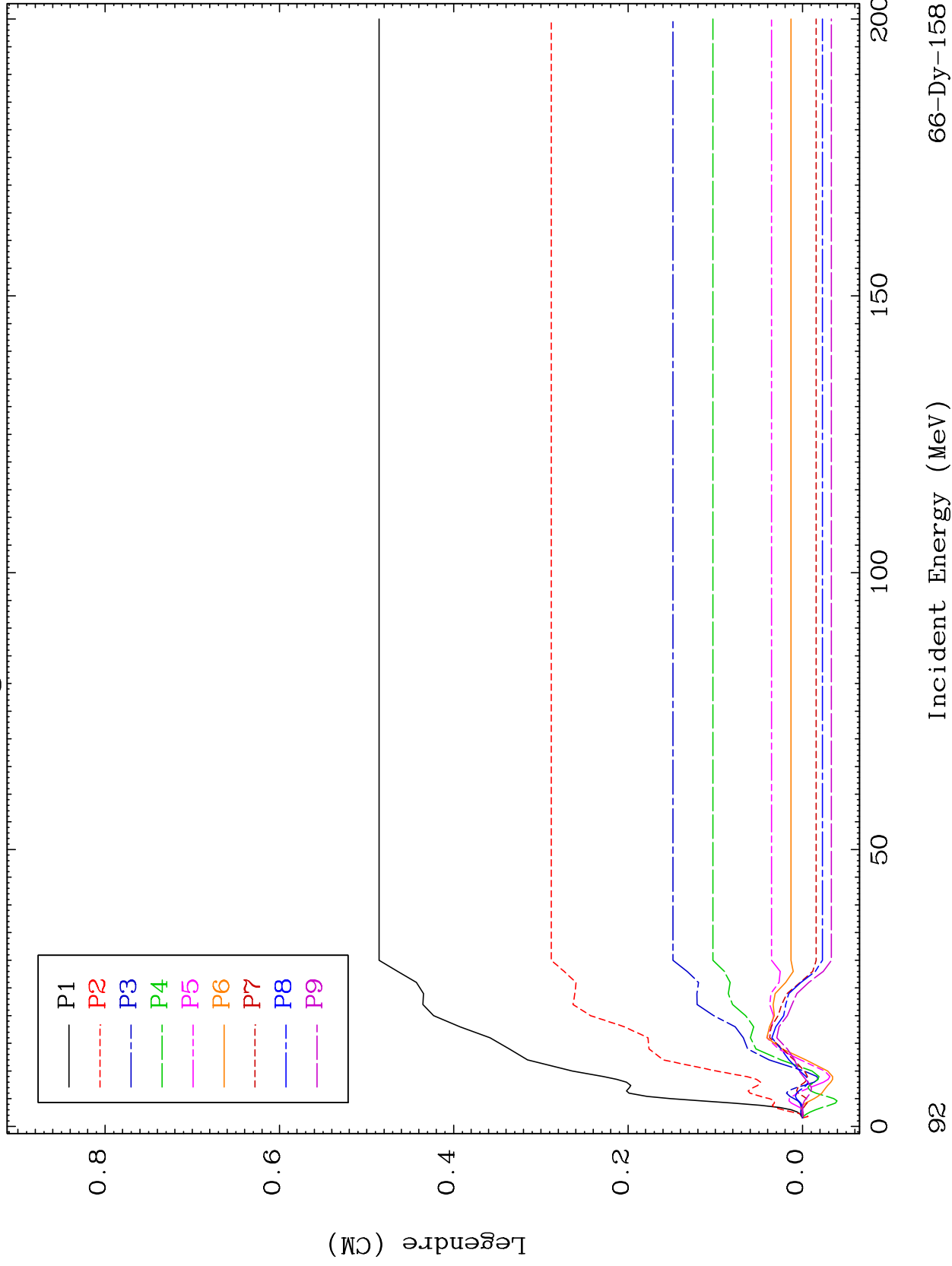




MAT 6631

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

66-Dy-158



66-Dy-158

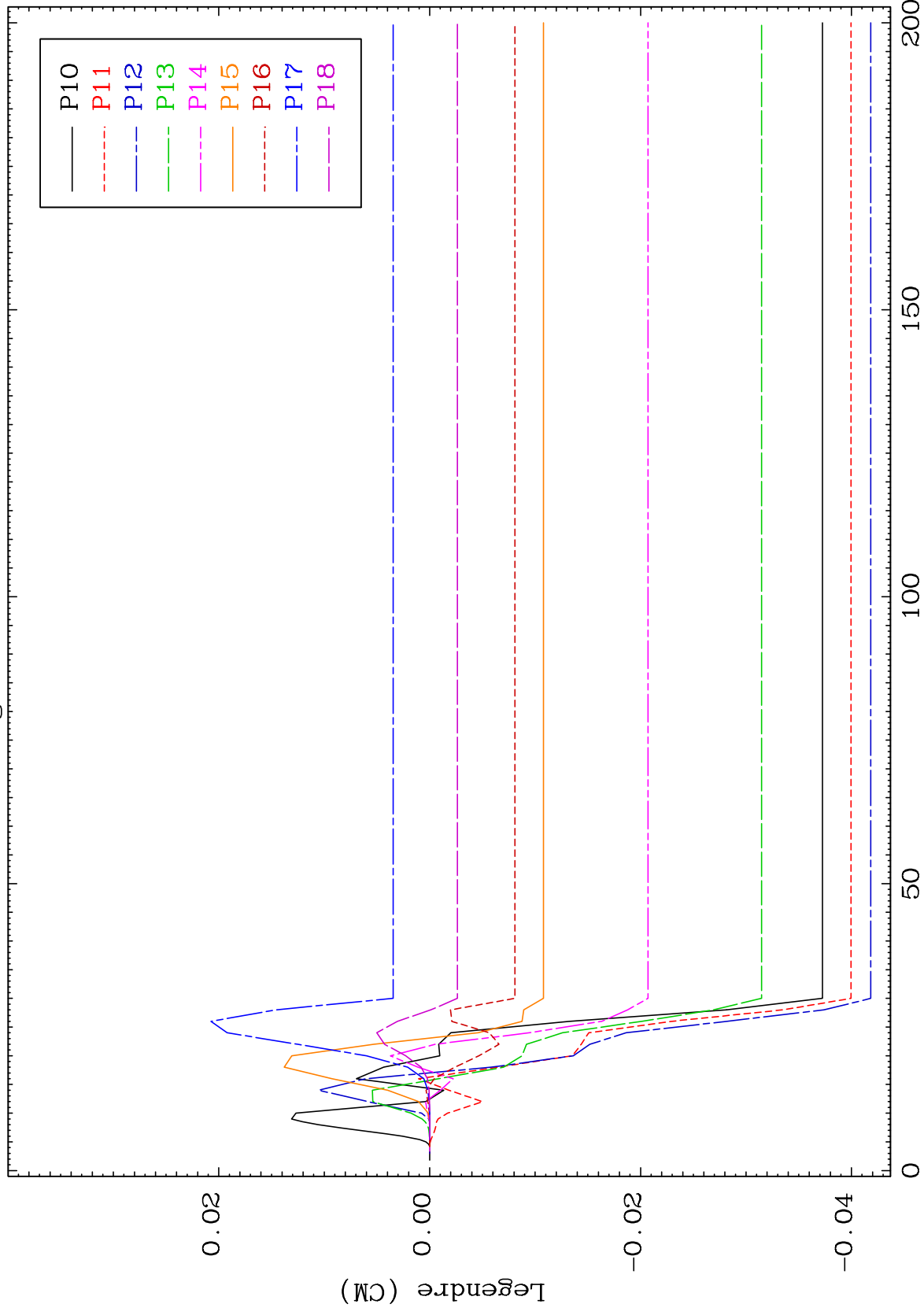
Incident Energy (MeV)

92

MAT 6631

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

66-Dy-158



93

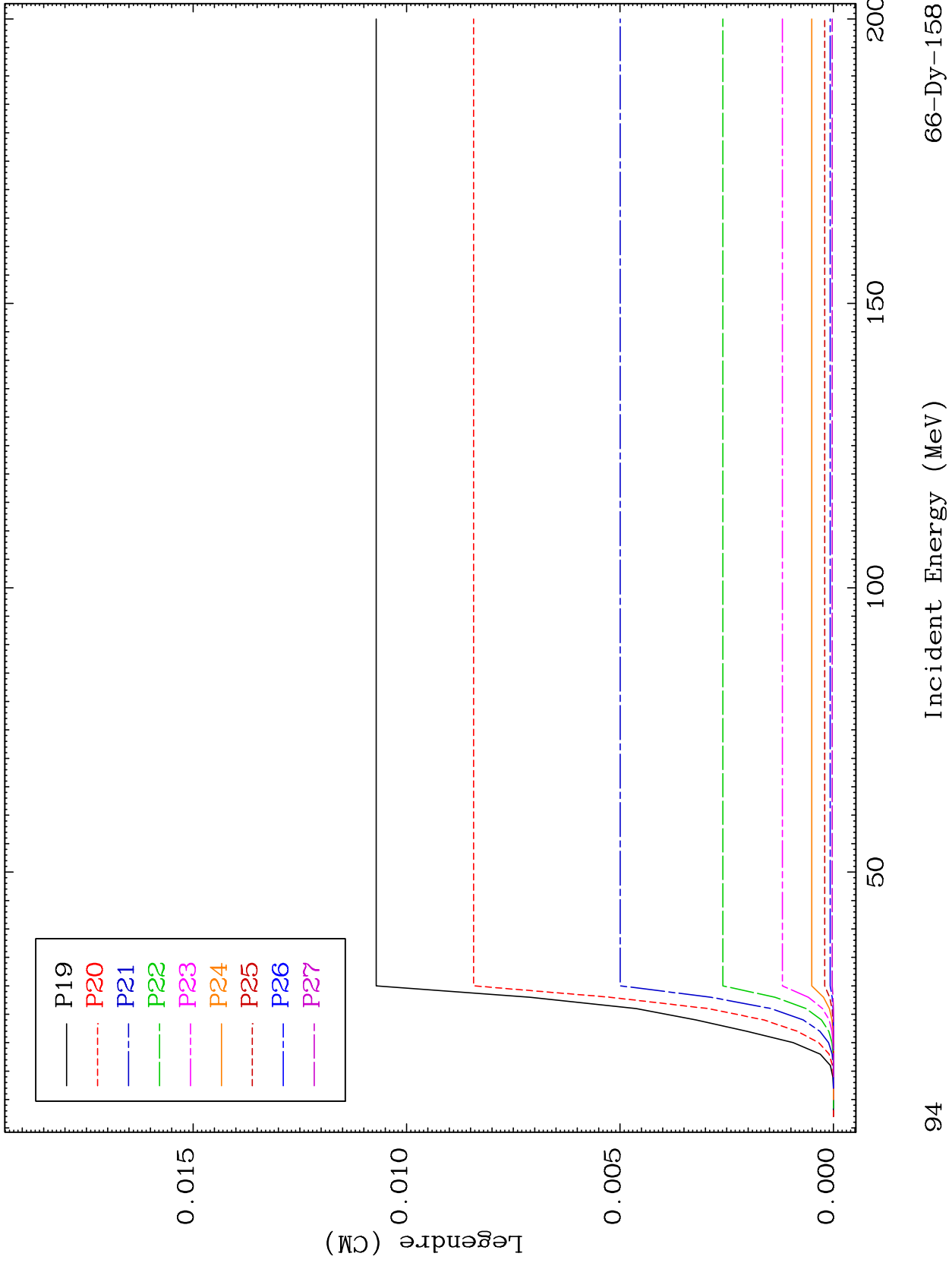
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

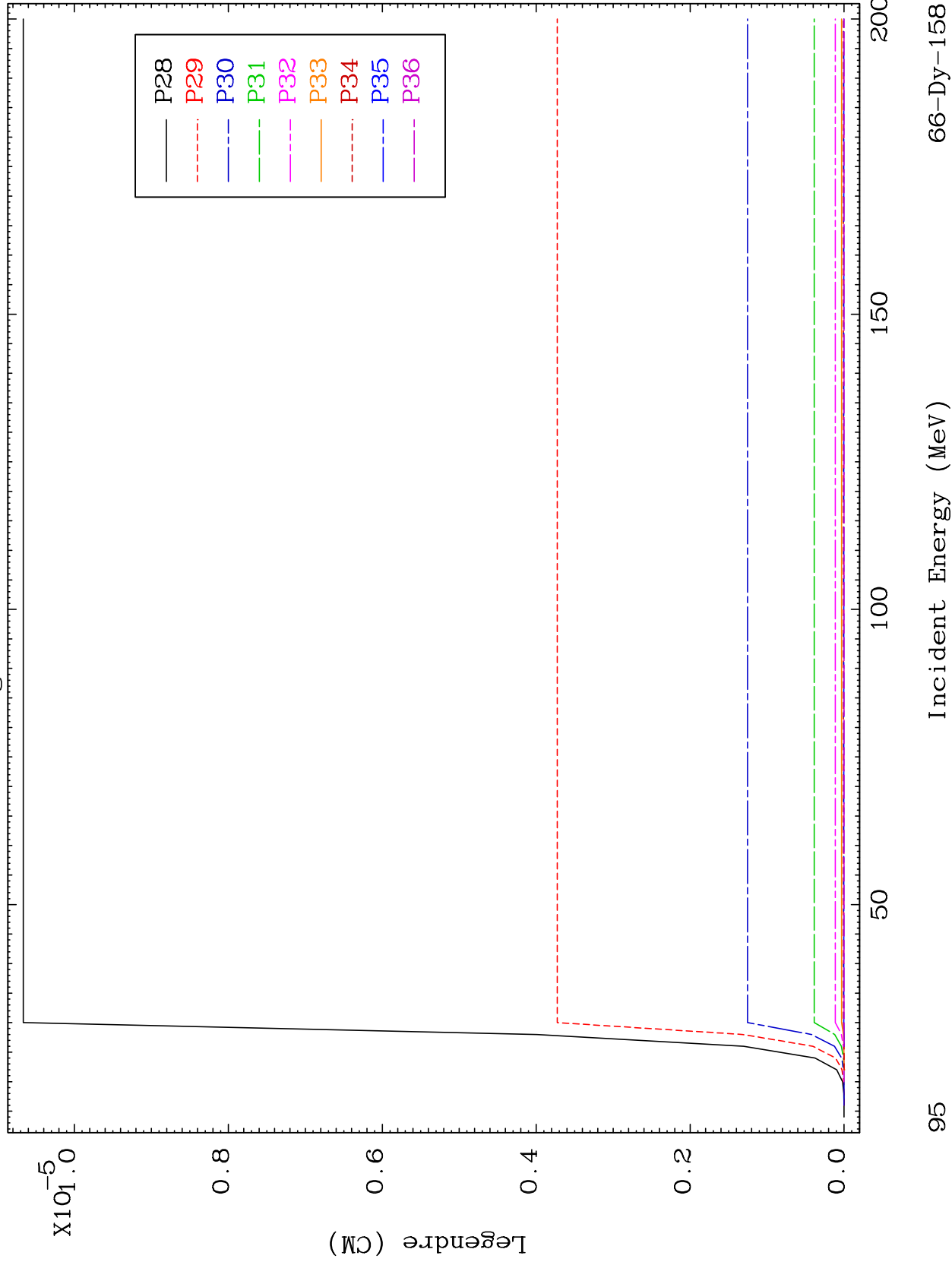
66-Dy-158



MAT 6631

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

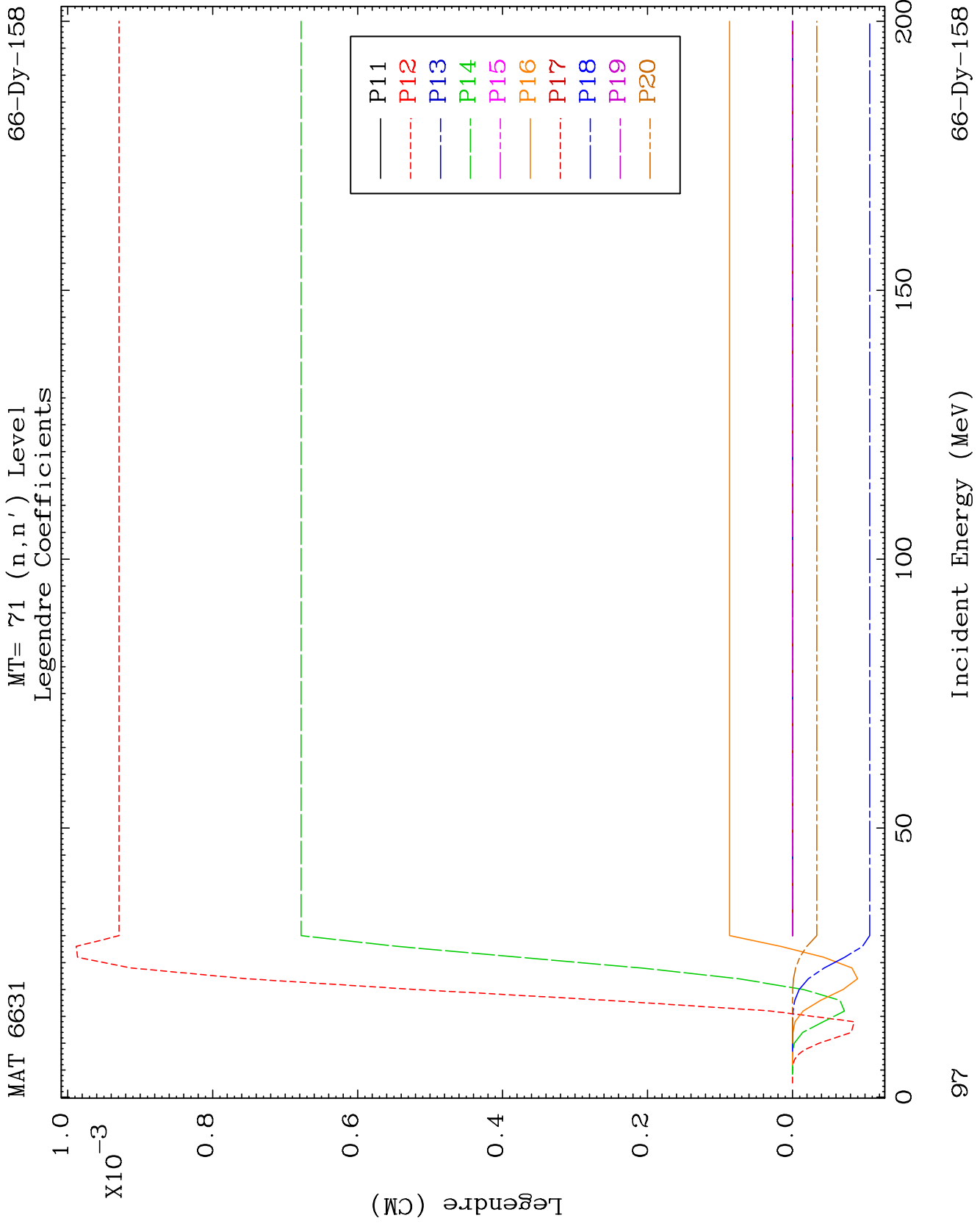
66-Dy-158

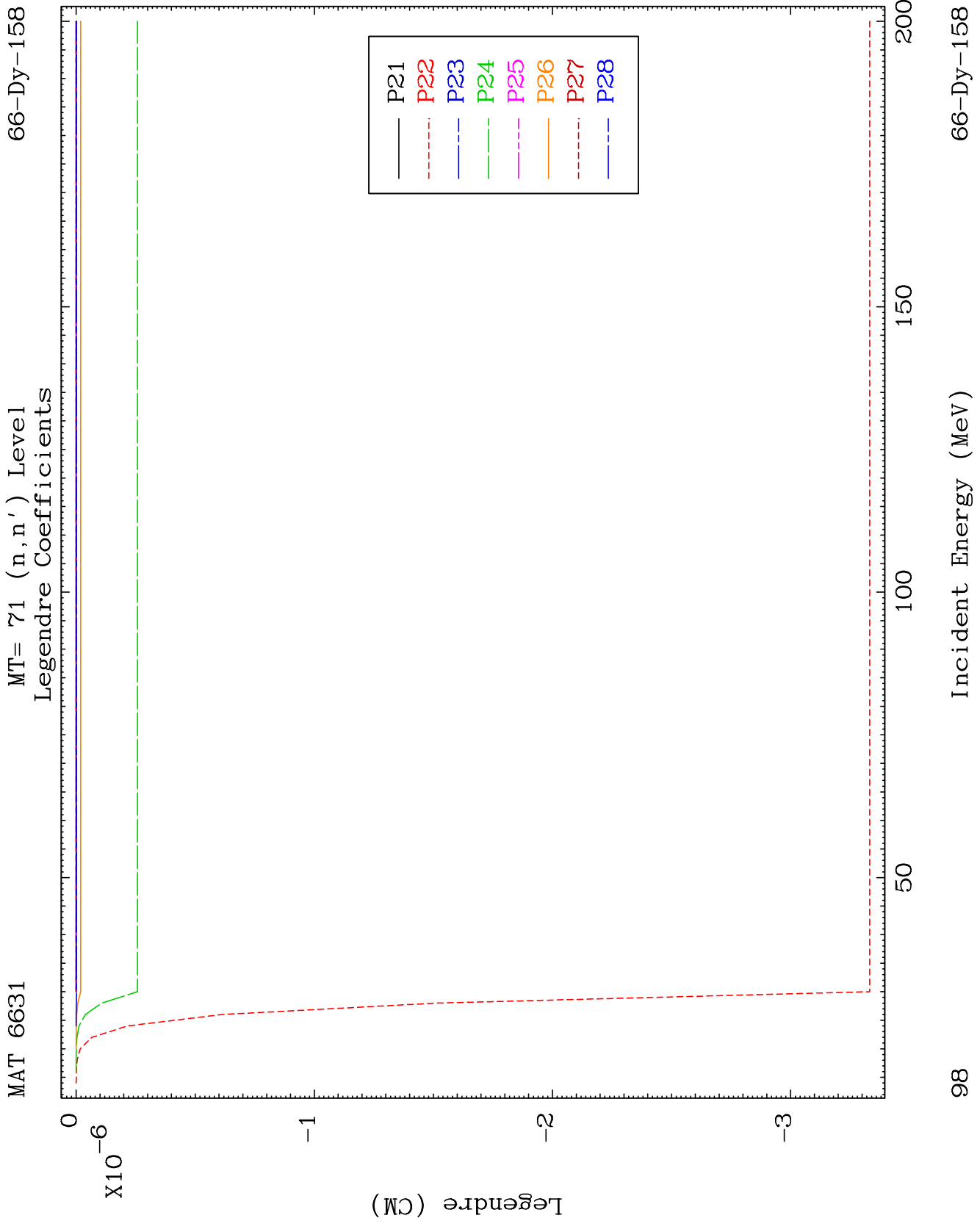


95

Incident Energy (MeV)

66-Dy-158

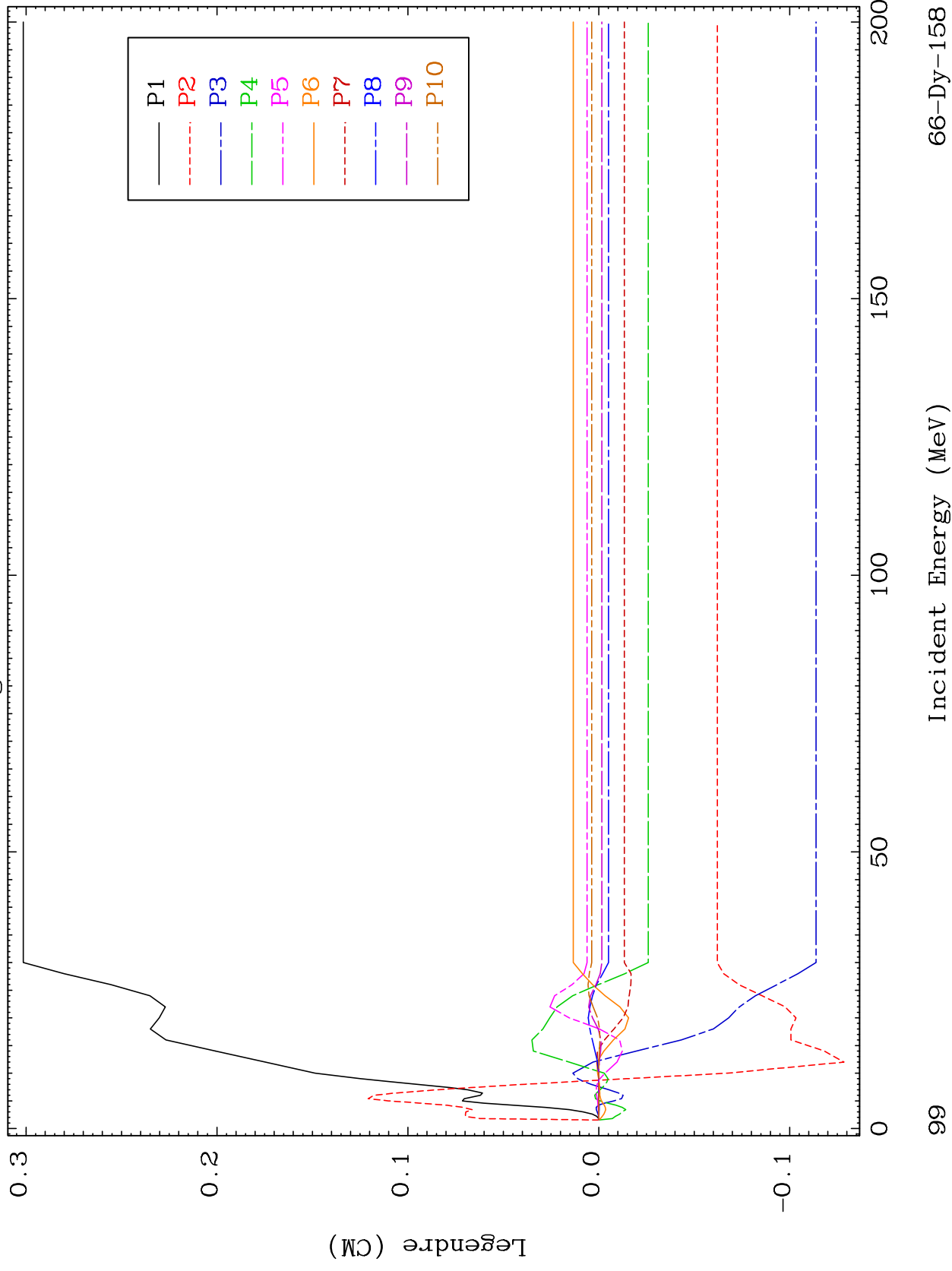




MAT 6631

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

66-Dy-158



66-Dy-158

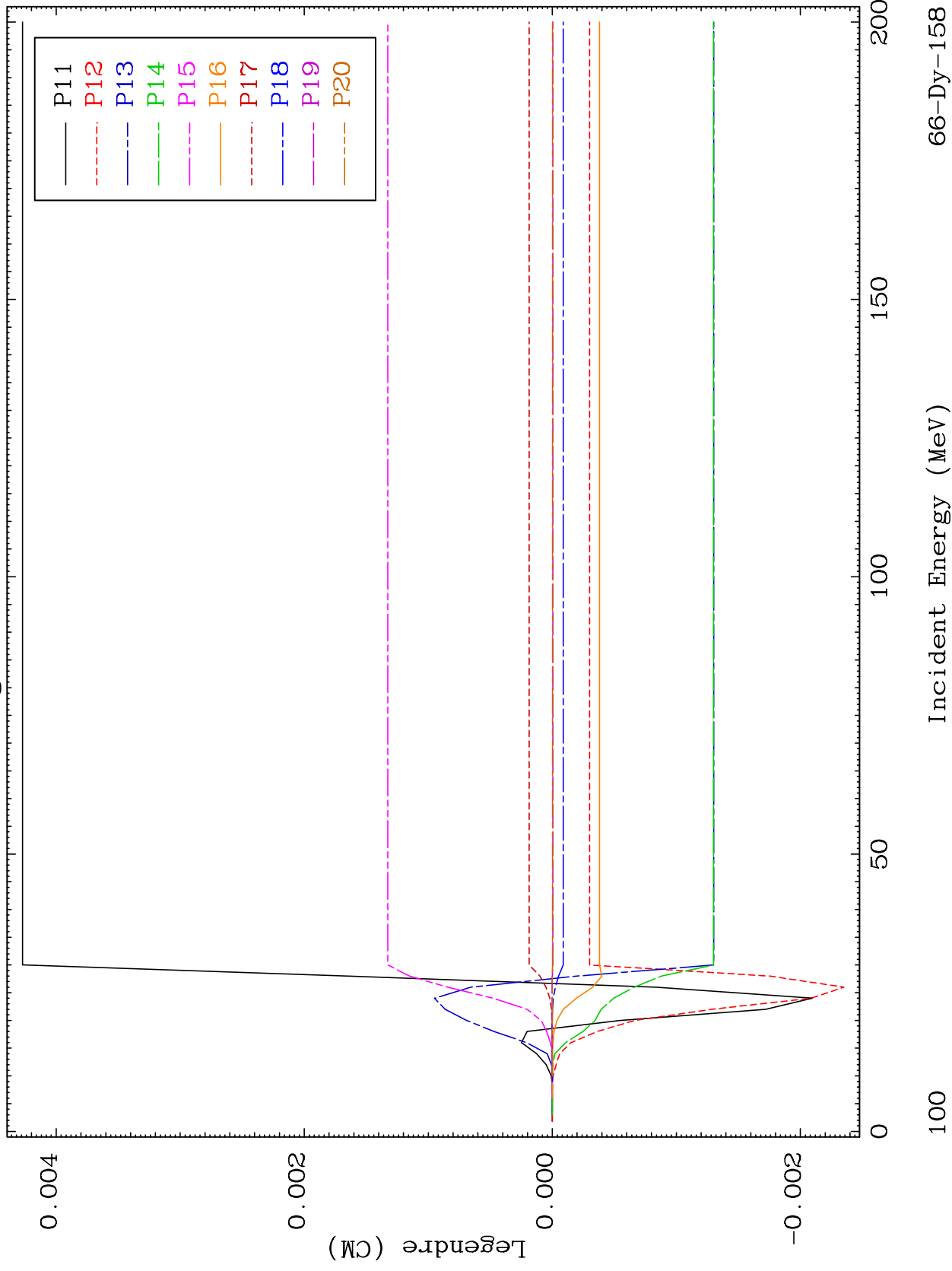
Incident Energy (MeV)

99

MAT 6631

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

66-Dy-158



66-Dy-158

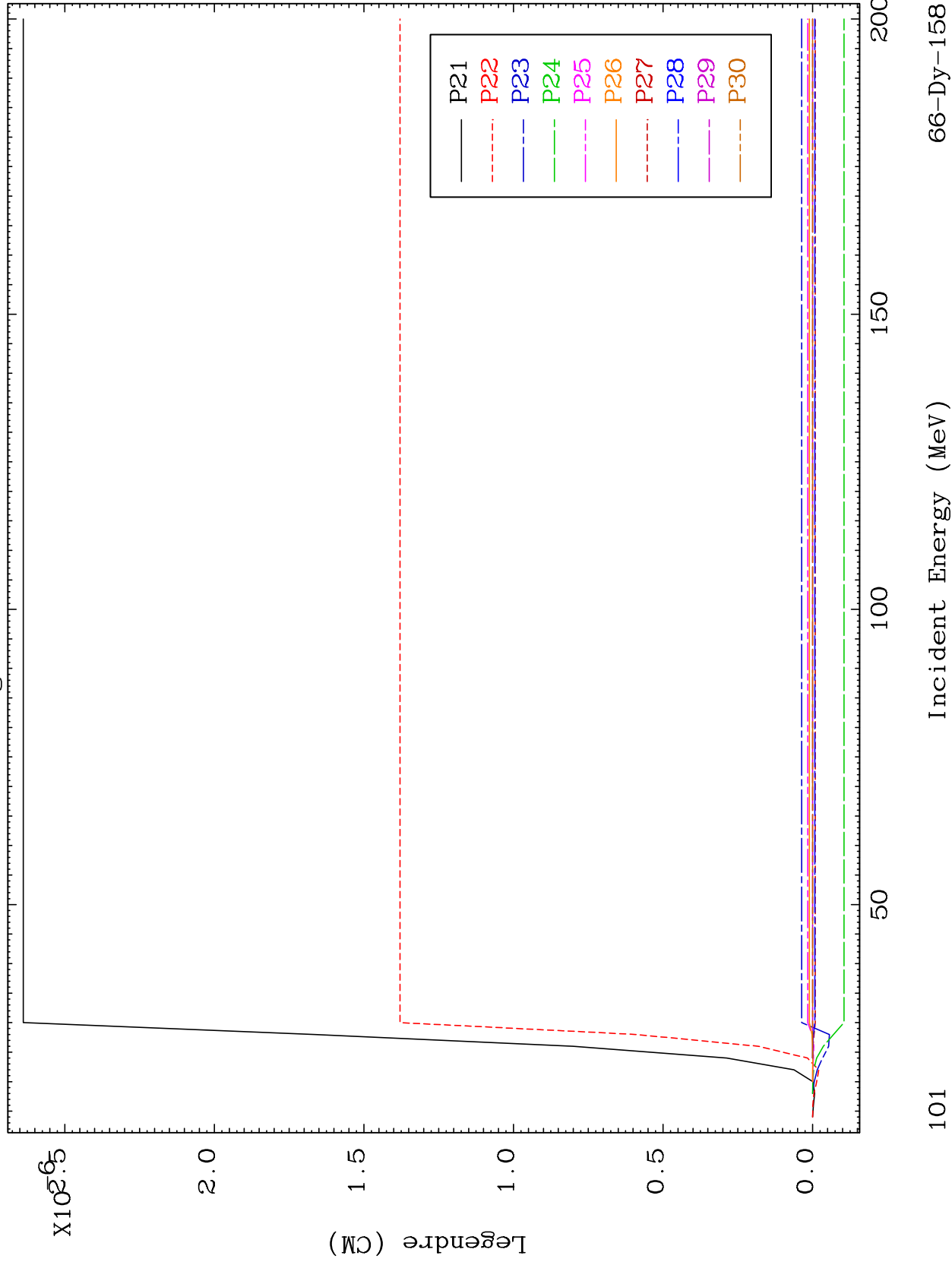
Incident Energy (MeV)

100

MAT 6631

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

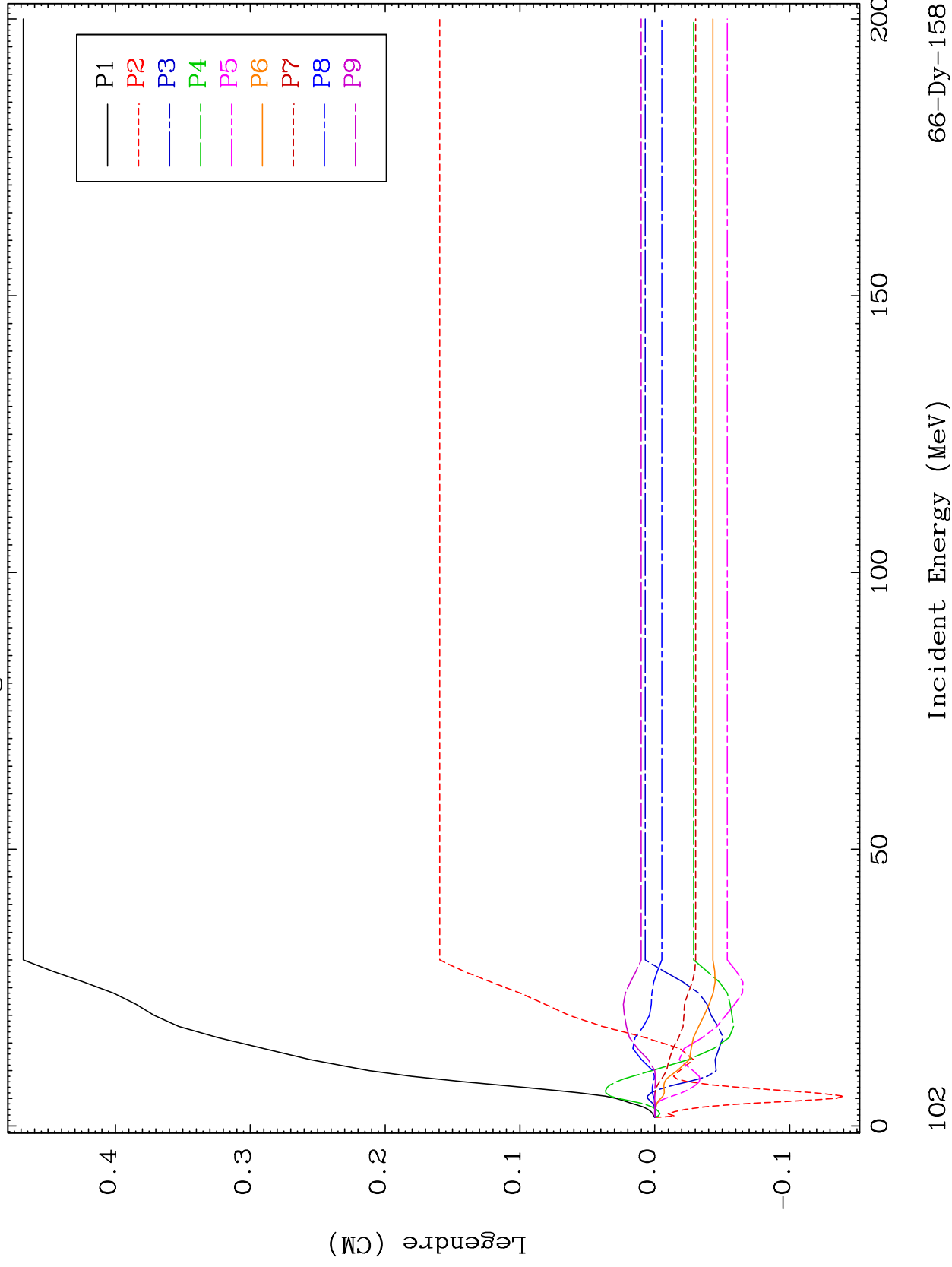
66-Dy-158



MAT 6631

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

66-Dy-158



66-Dy-158

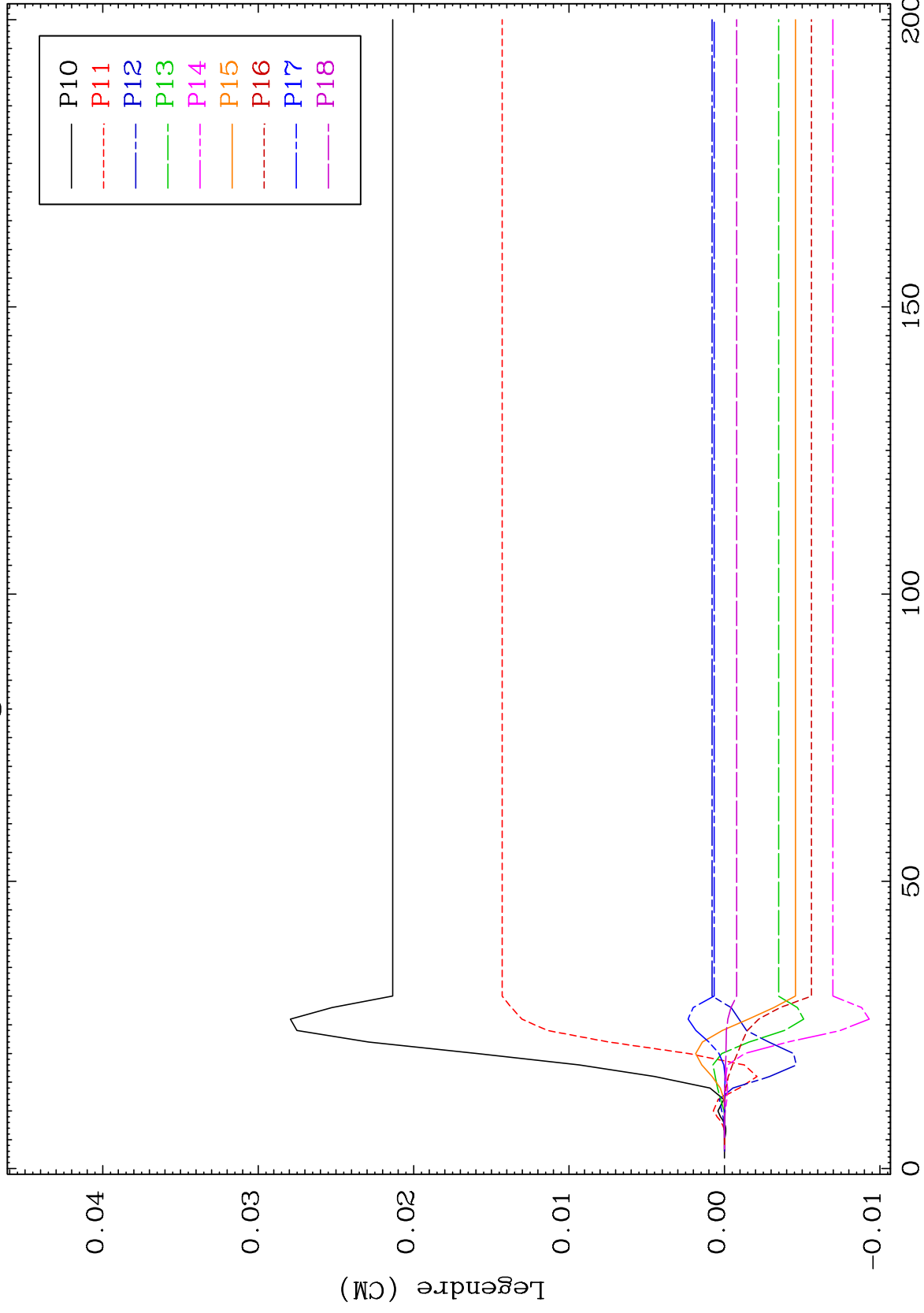
Incident Energy (MeV)

102

MAT 6631

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

66-Dy-158



103

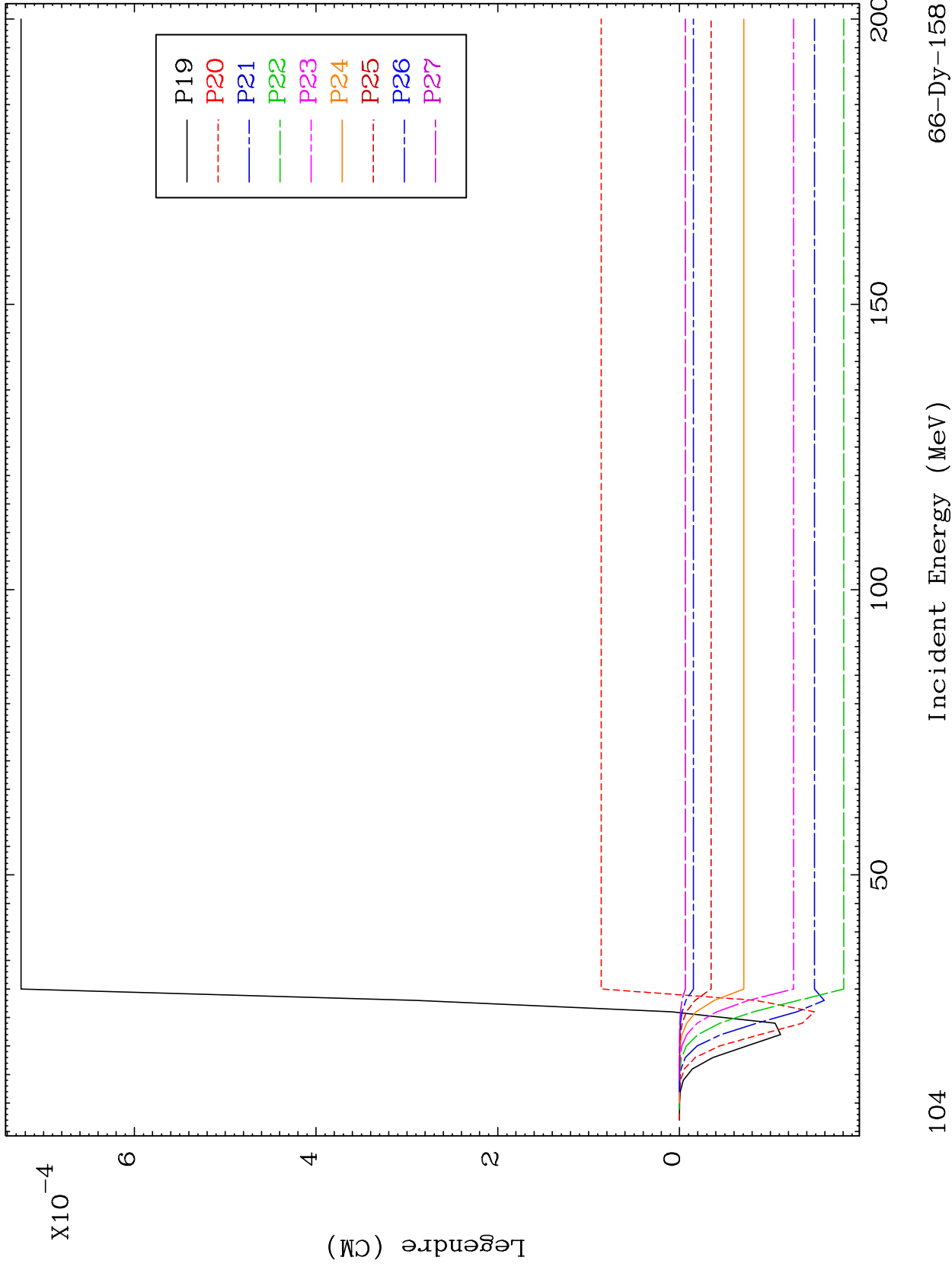
Incident Energy (MeV)

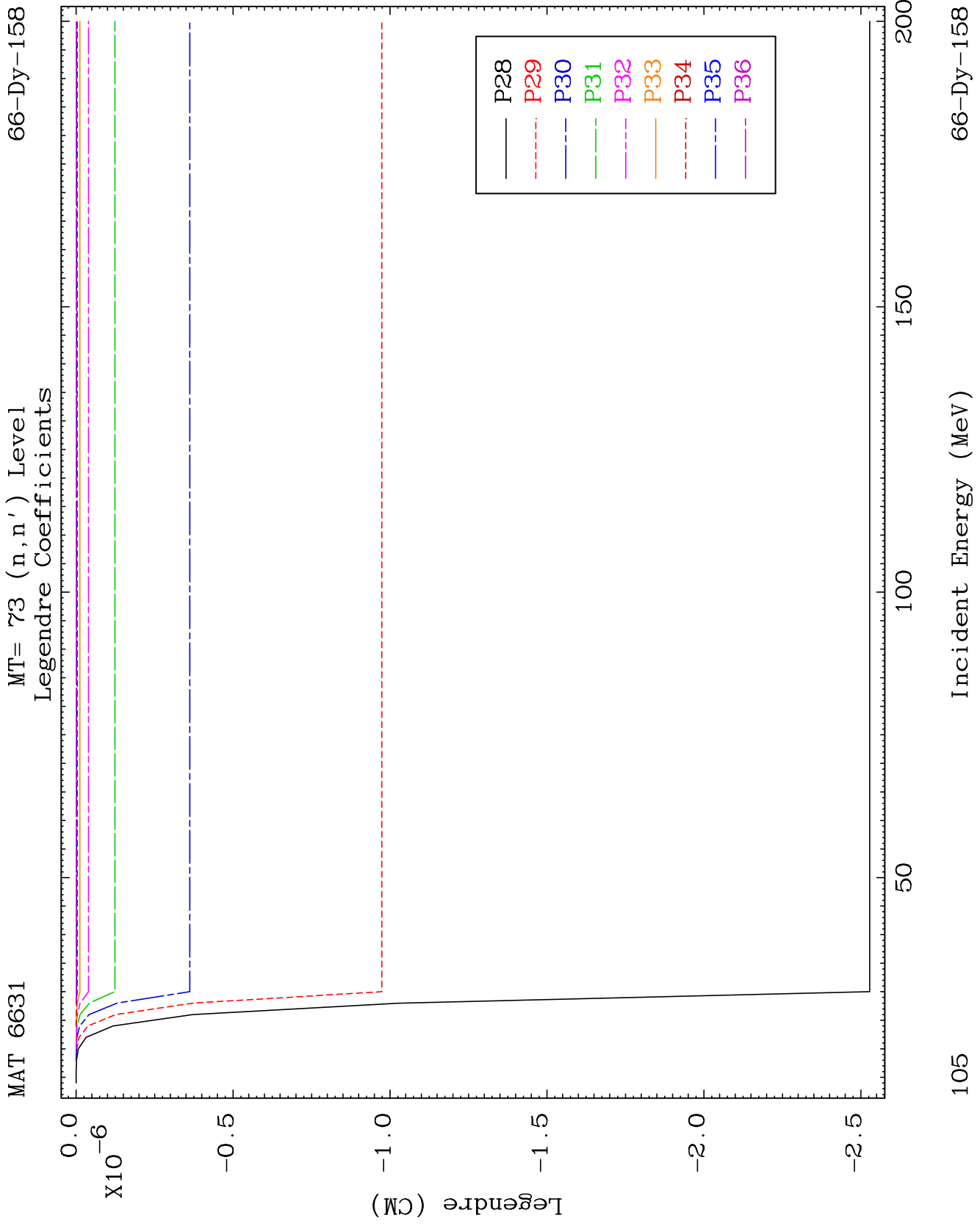
66-Dy-158

MAT 6631

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

66-Dy-158

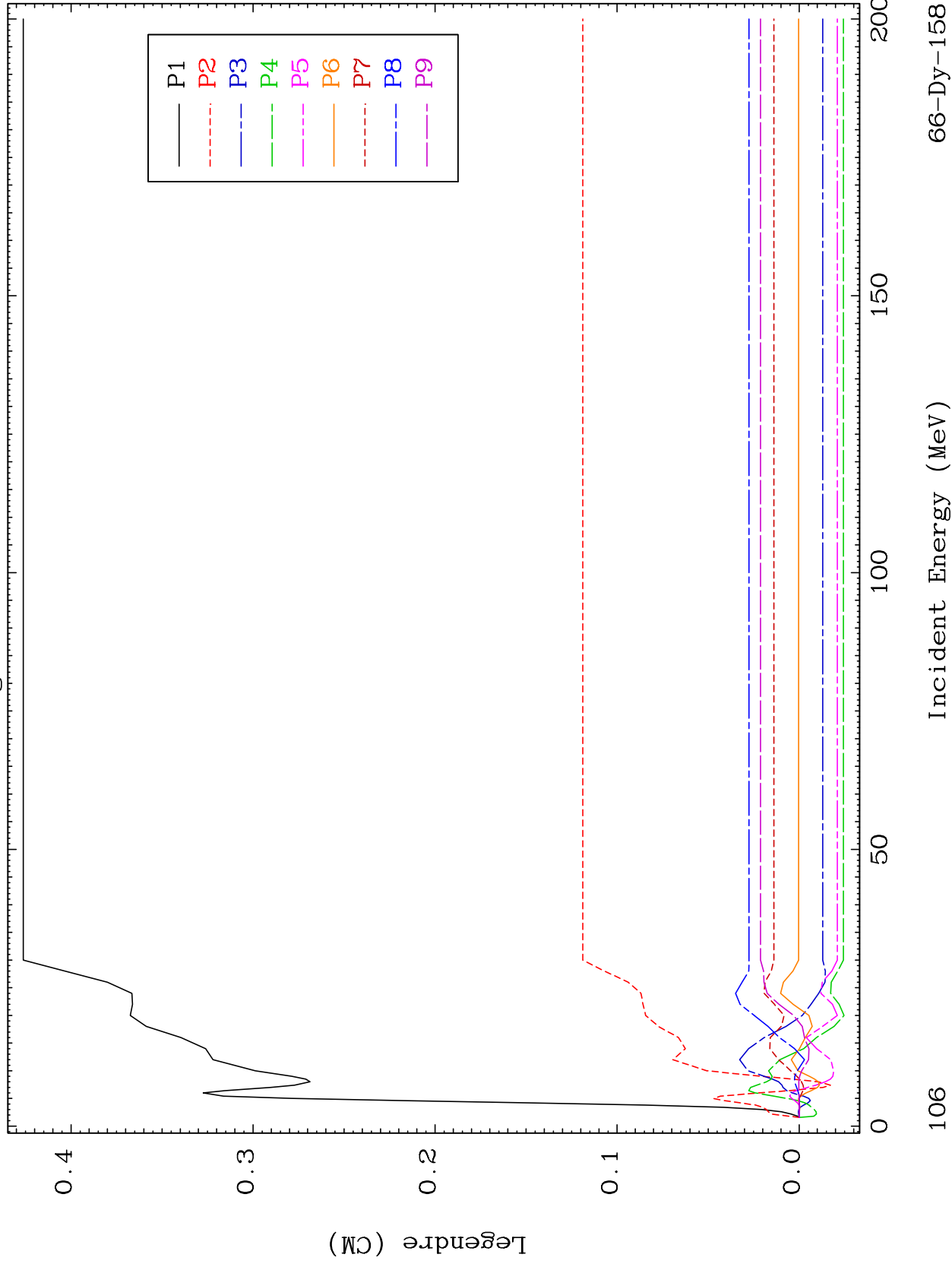




MAT 6631

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

66-Dy-158



66-Dy-158

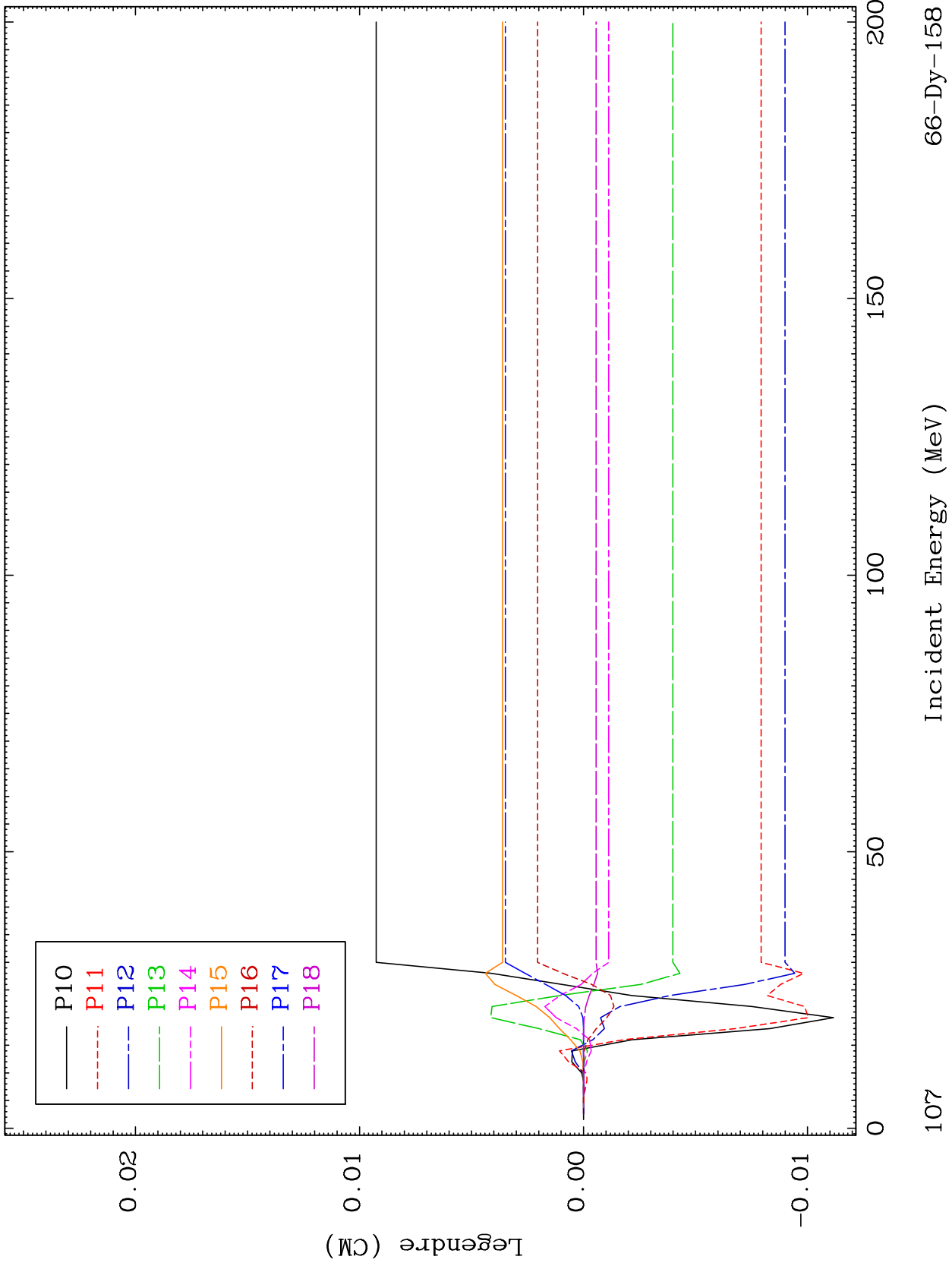
Incident Energy (MeV)

106

MAT 6631

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

66-Dy-158



107

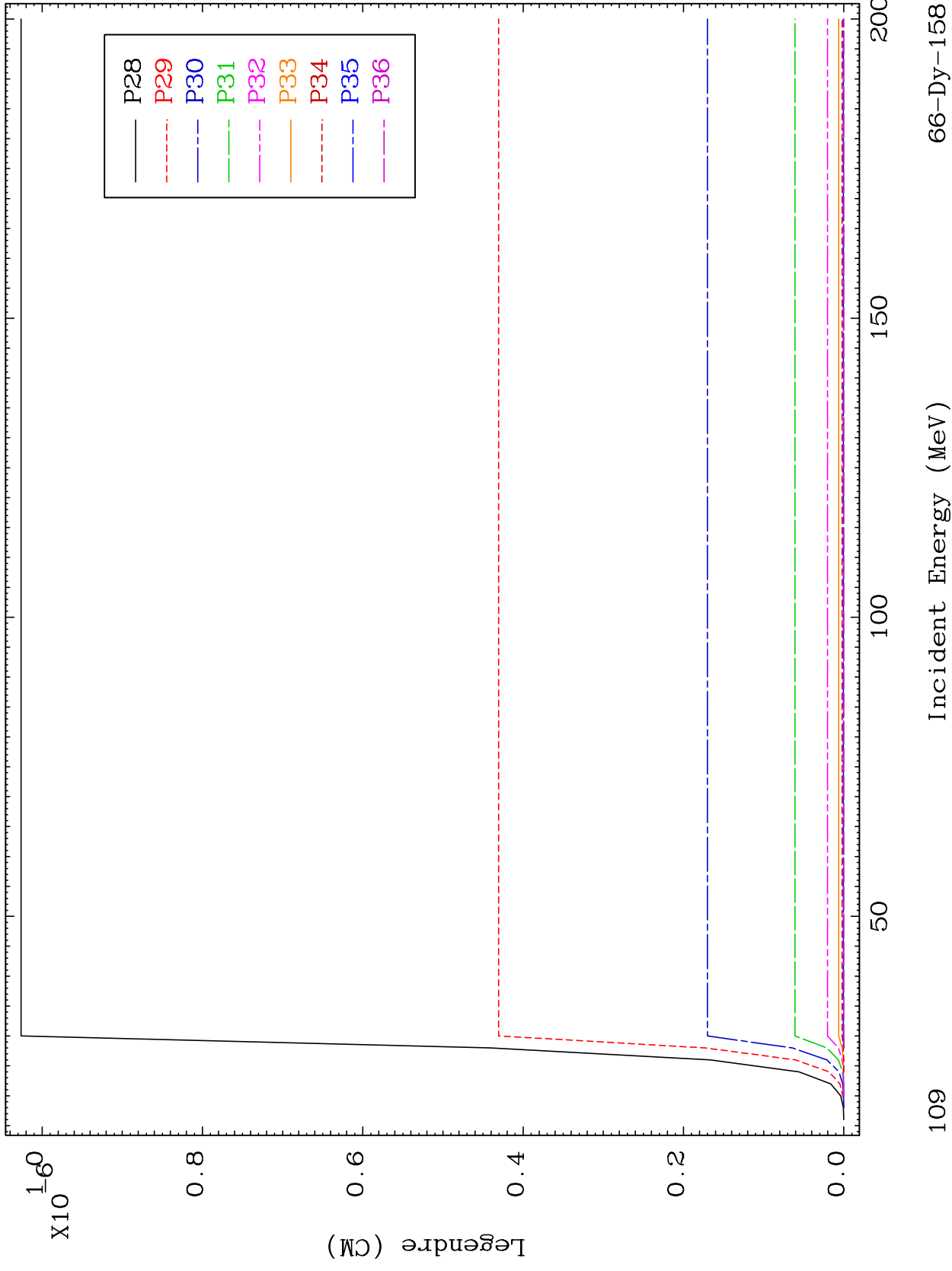
Incident Energy (MeV)

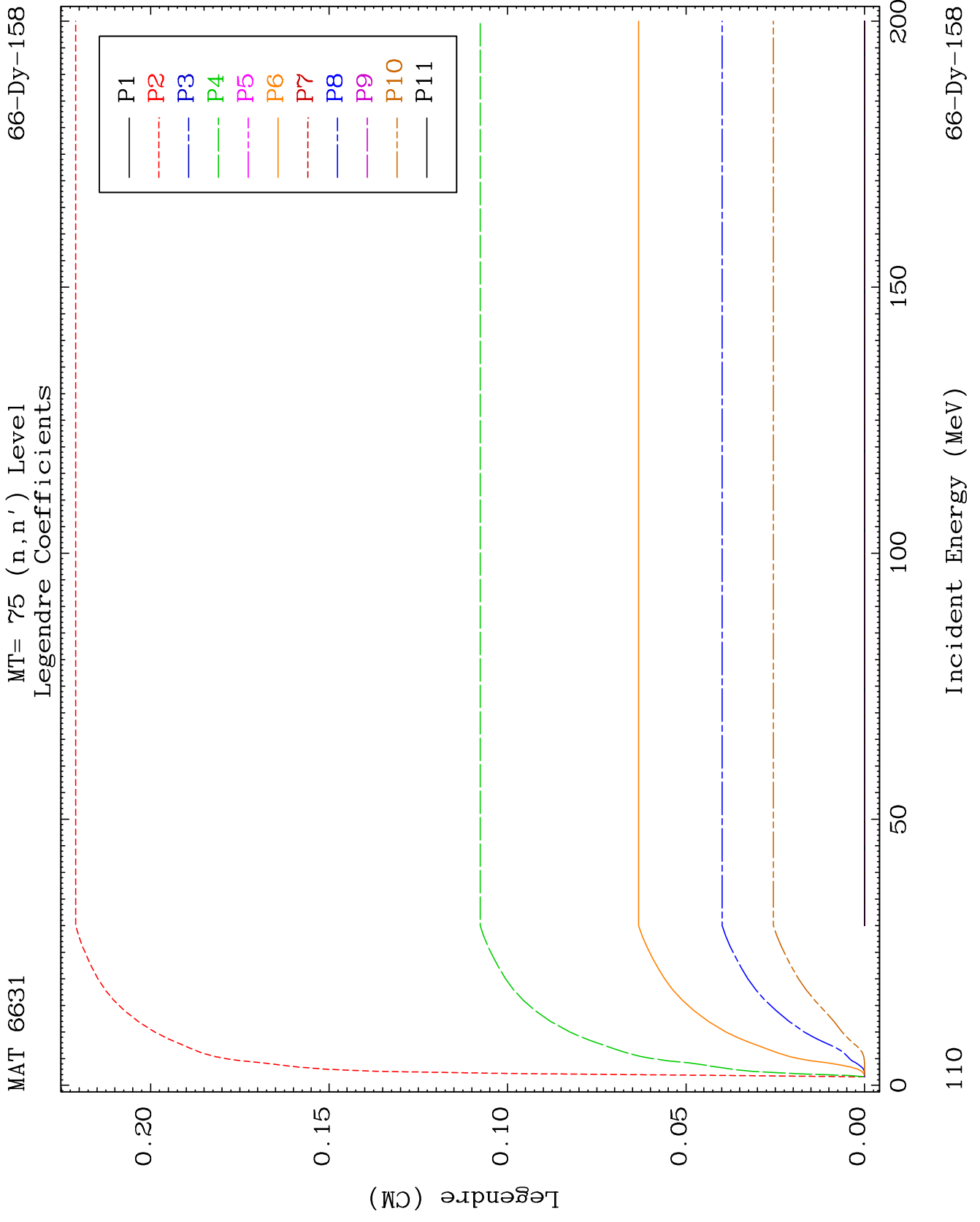
66-Dy-158

MAT 6631

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

66-Dy-158

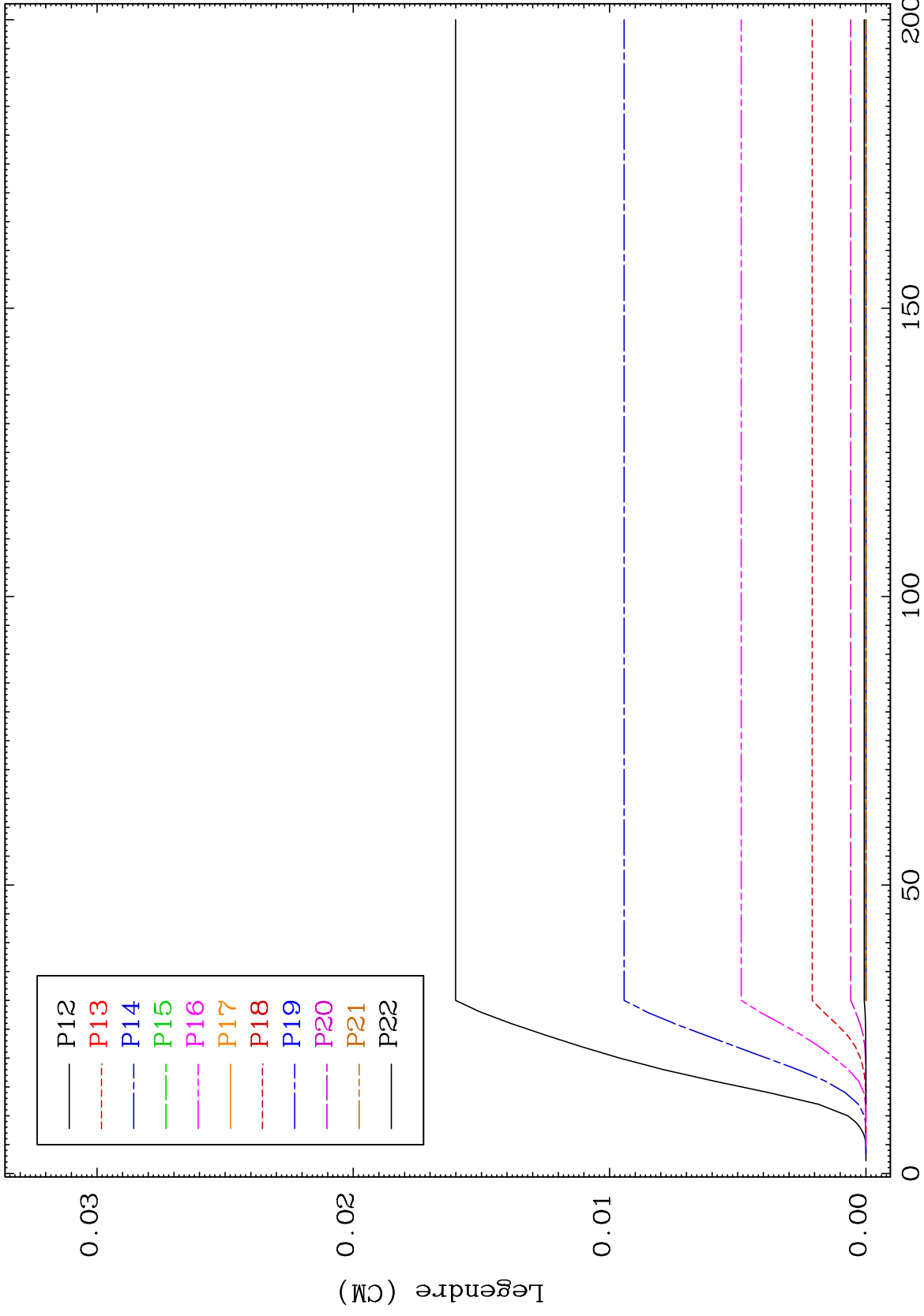




MAT 6631

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

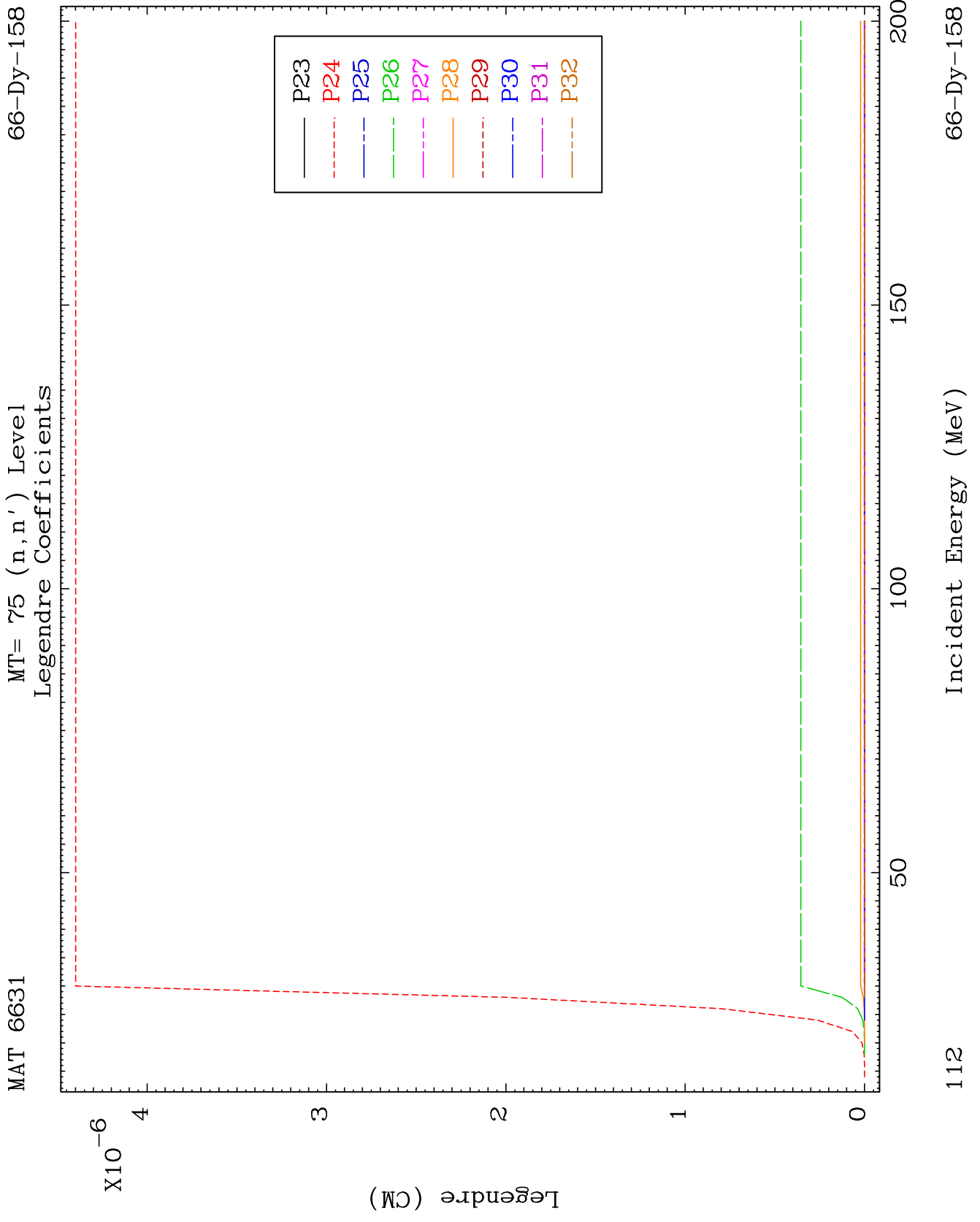
66-Dy-158



111

Incident Energy (MeV)

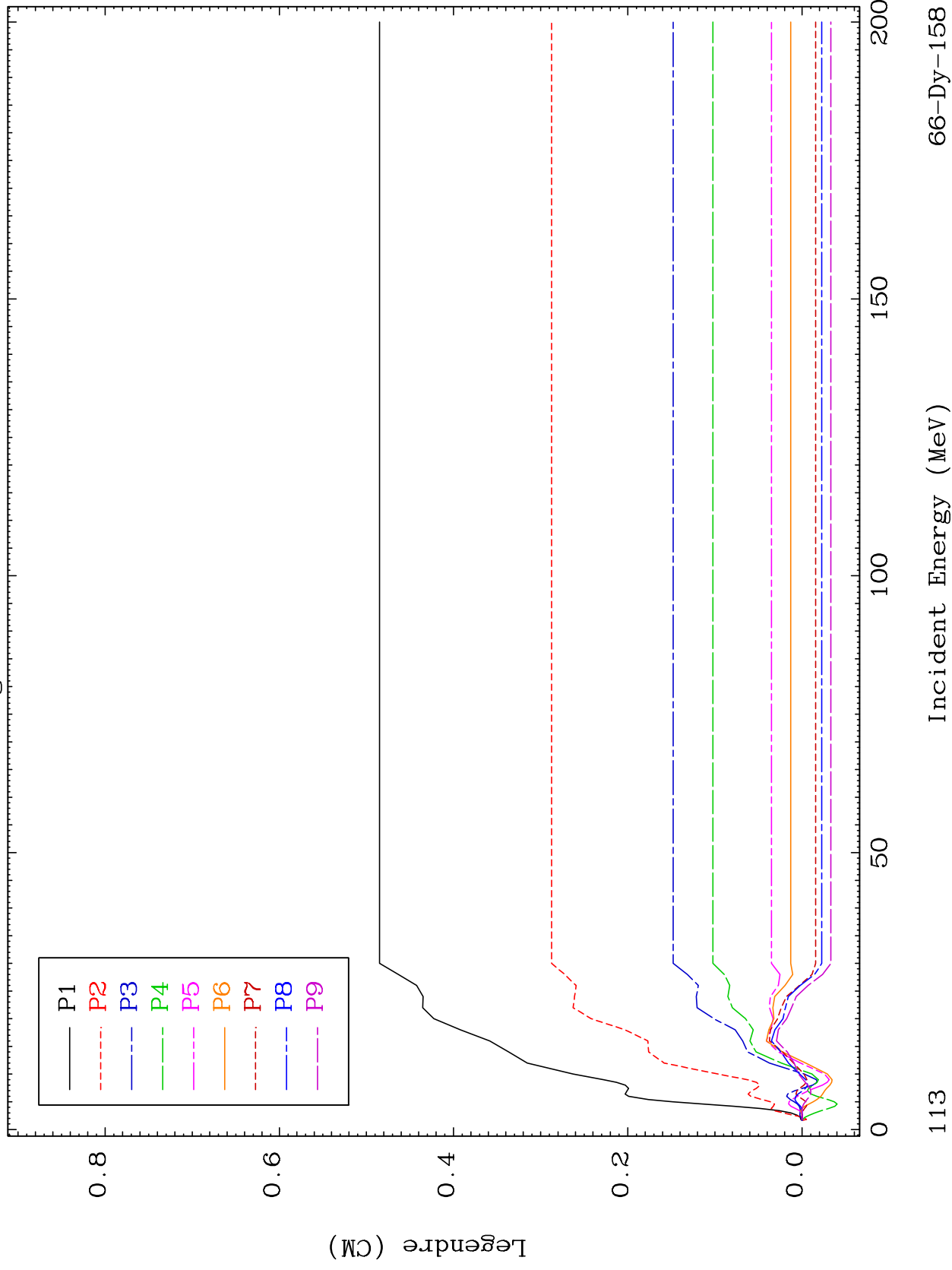
66-Dy-158



MAT 6631

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

66-Dy-158



66-Dy-158

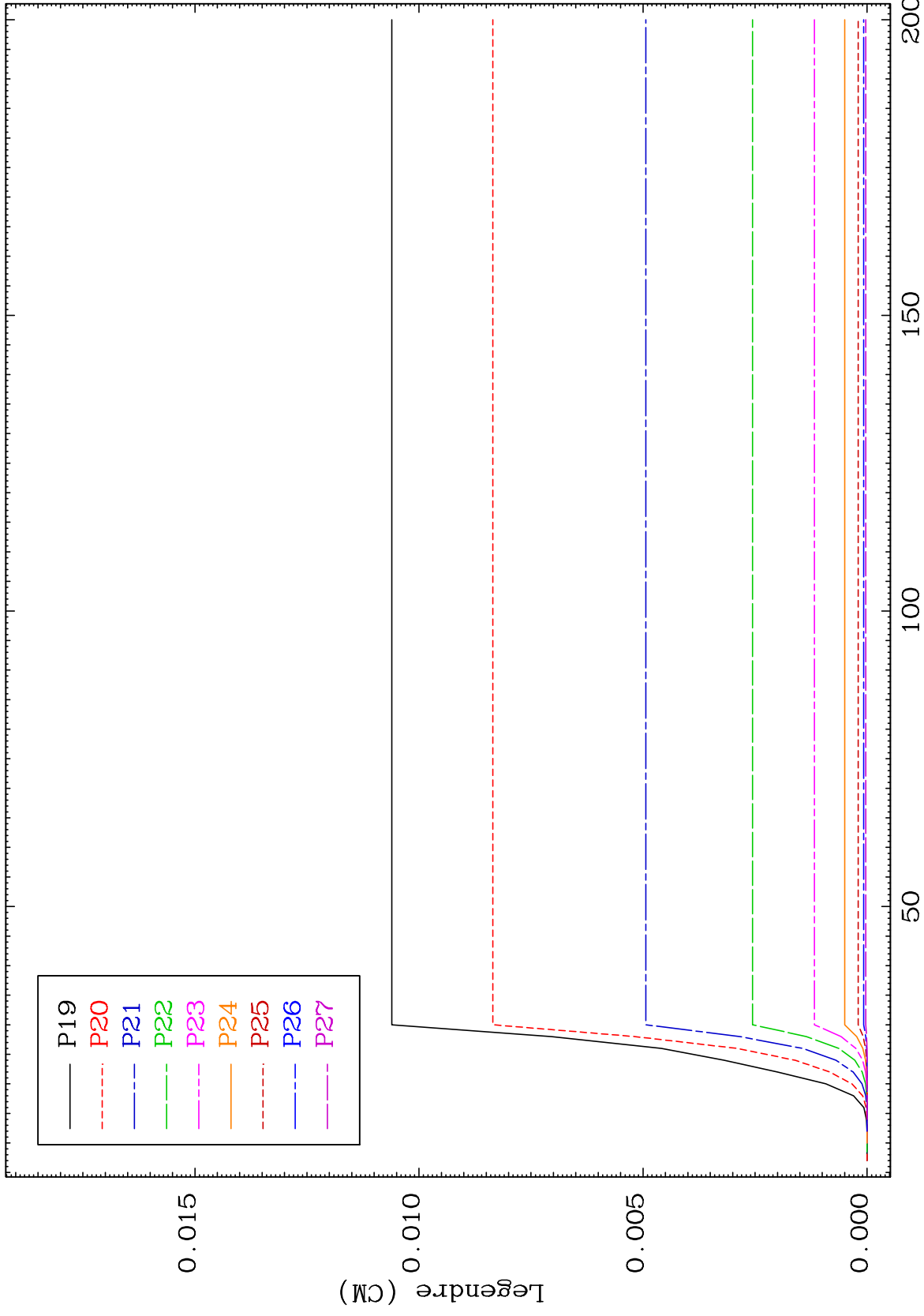
Incident Energy (MeV)

113

MAT 6631

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

66-Dy-158



115

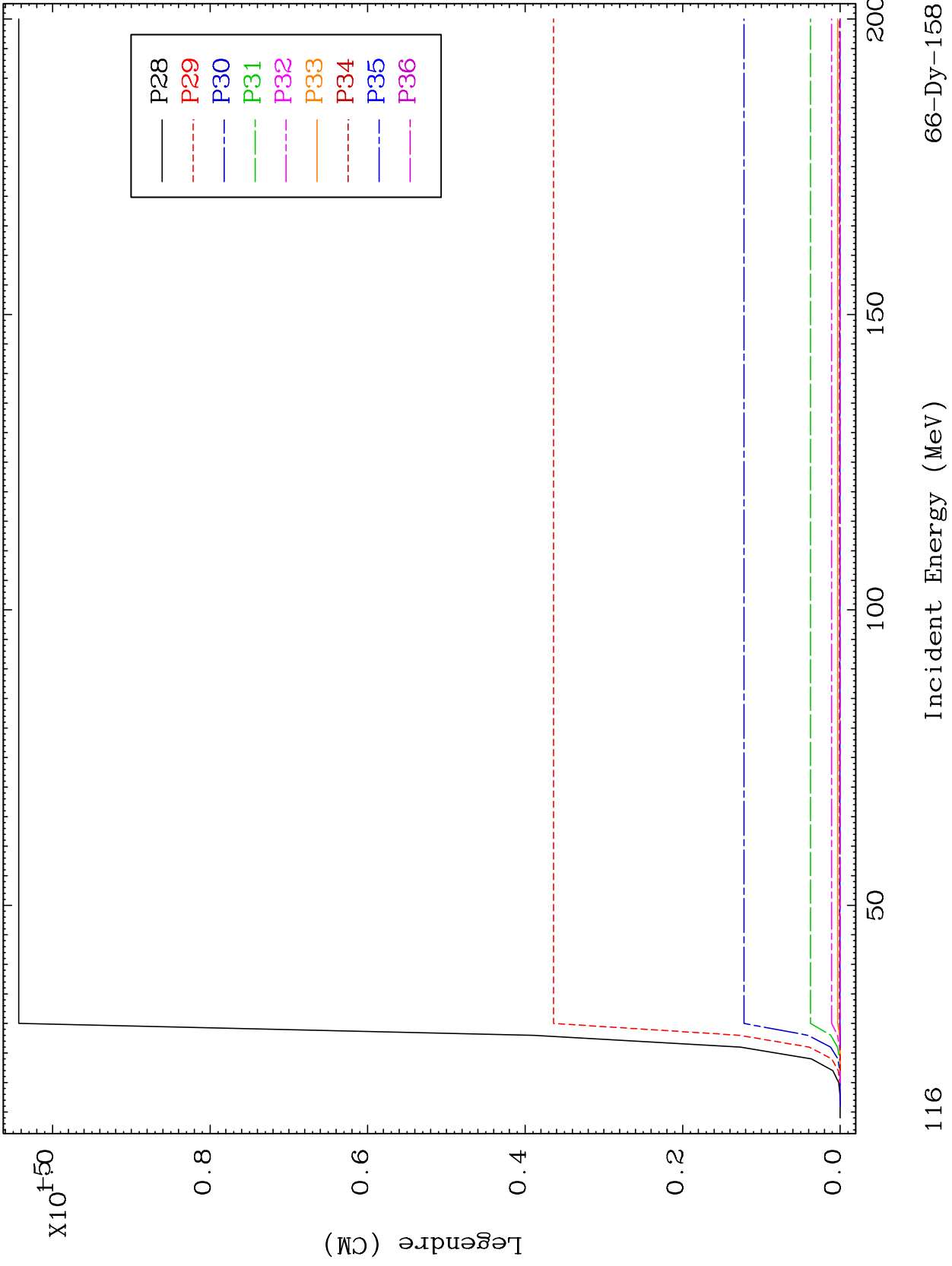
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



116

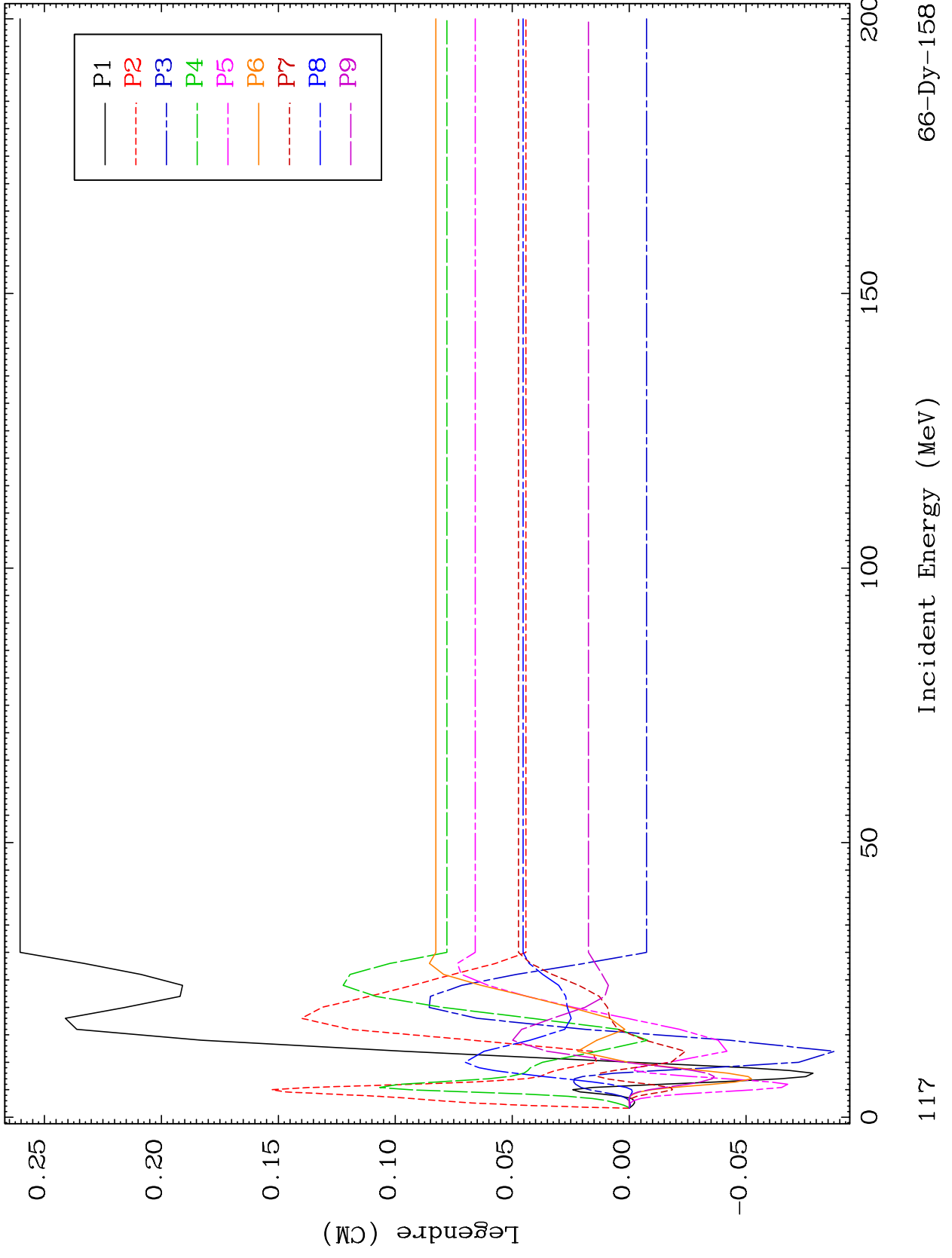
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



66-Dy-158

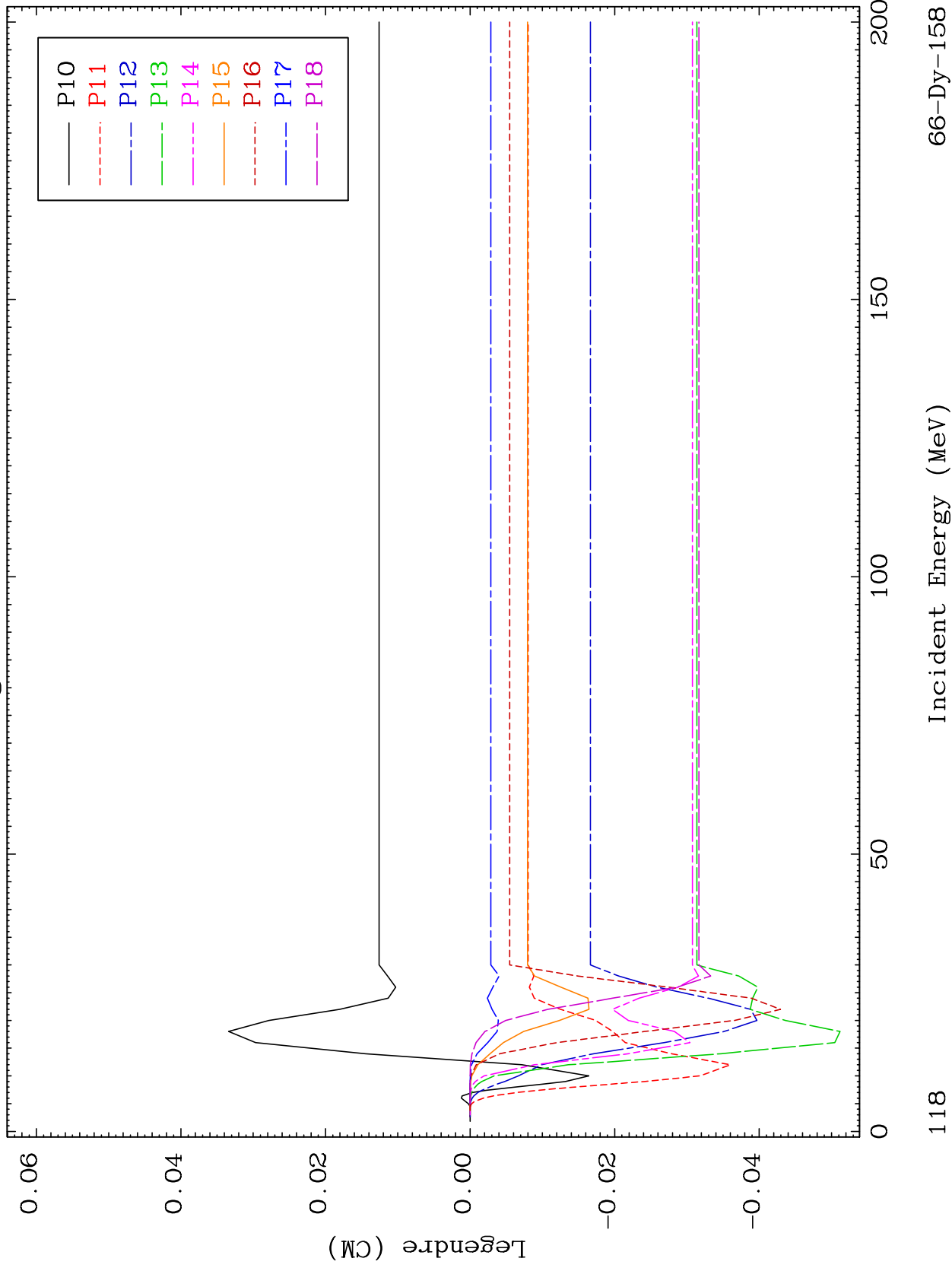
Incident Energy (MeV)

117

MAT 6631

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

66-Dy-158



118

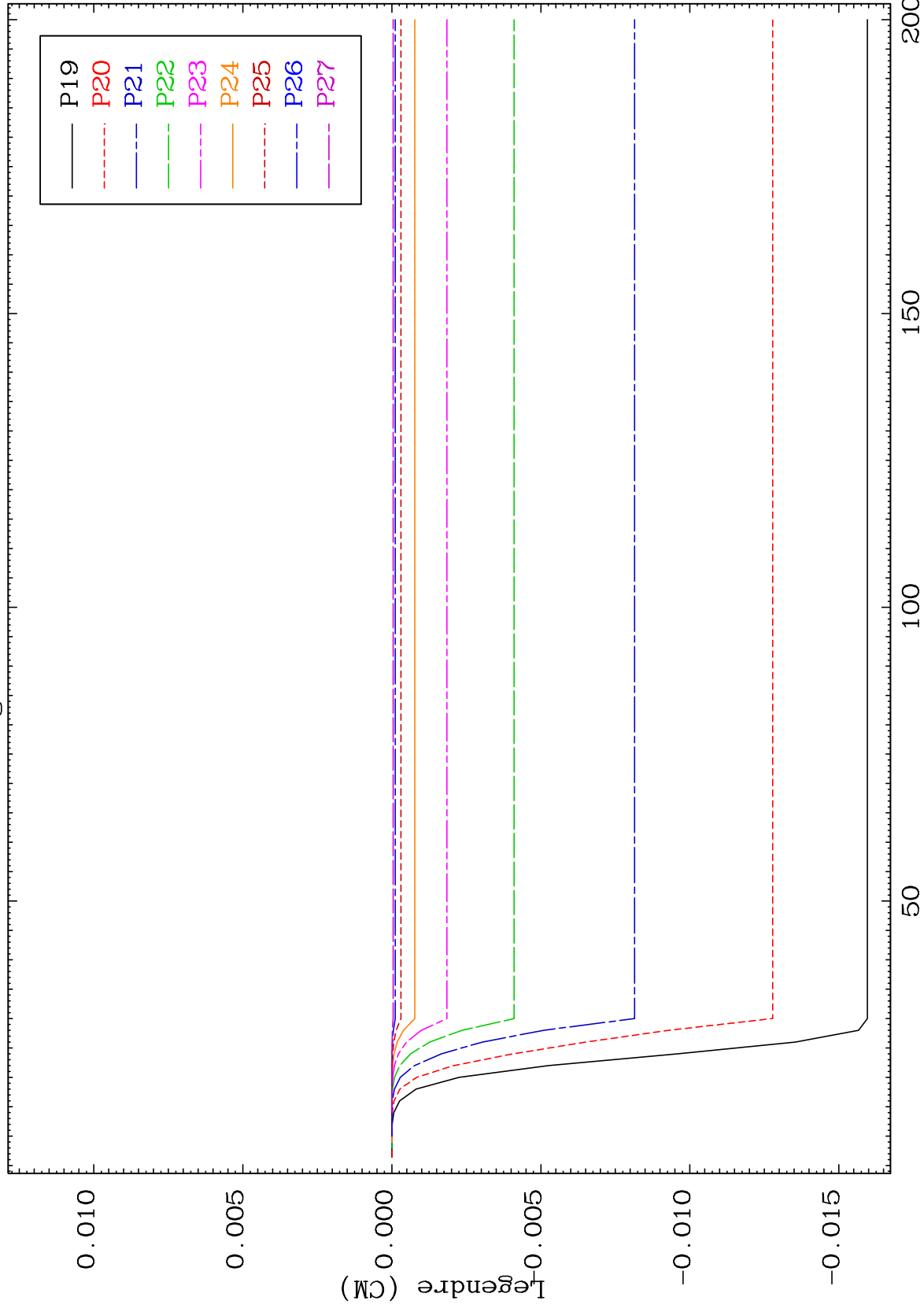
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

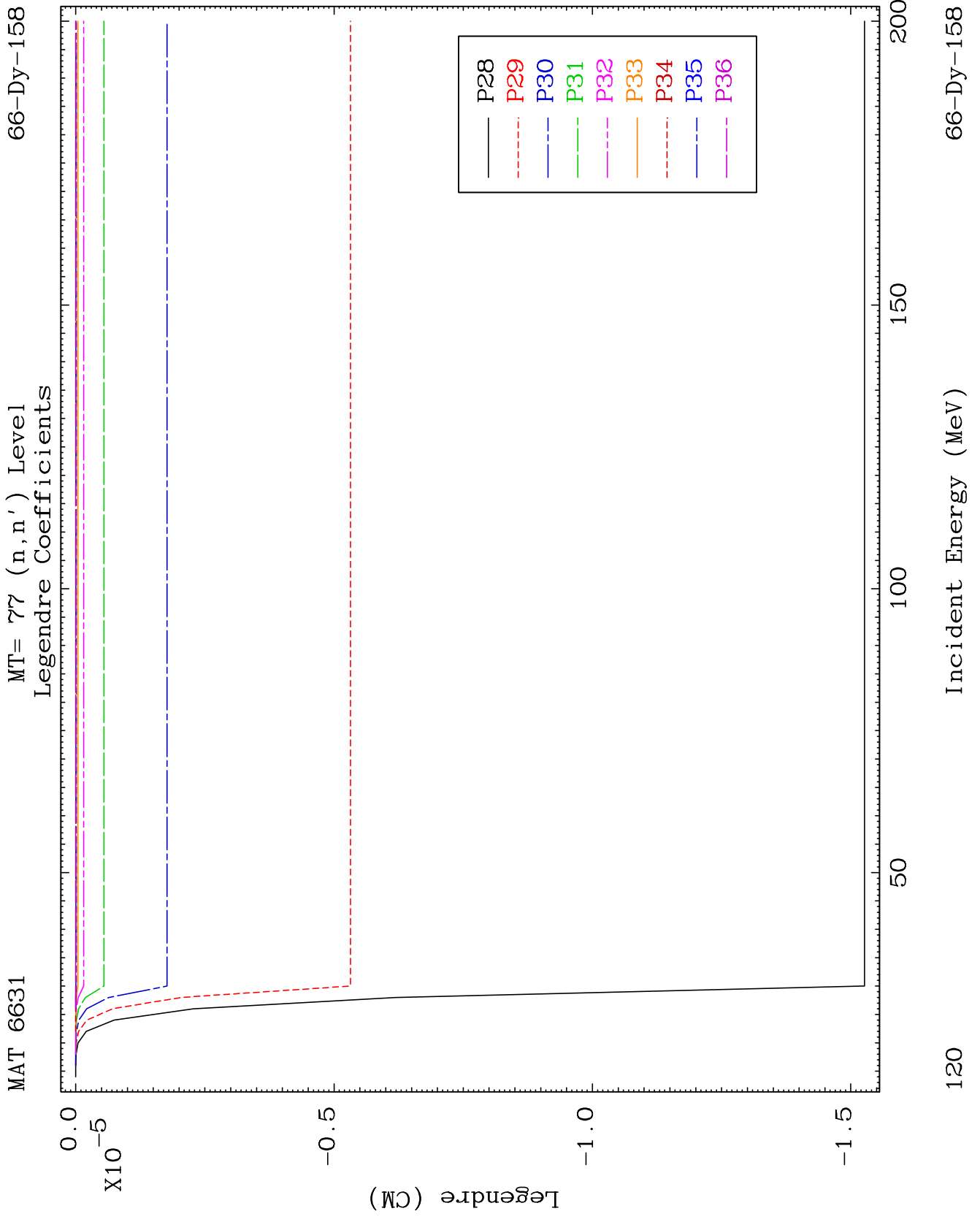
66-Dy-158



119

Incident Energy (MeV)

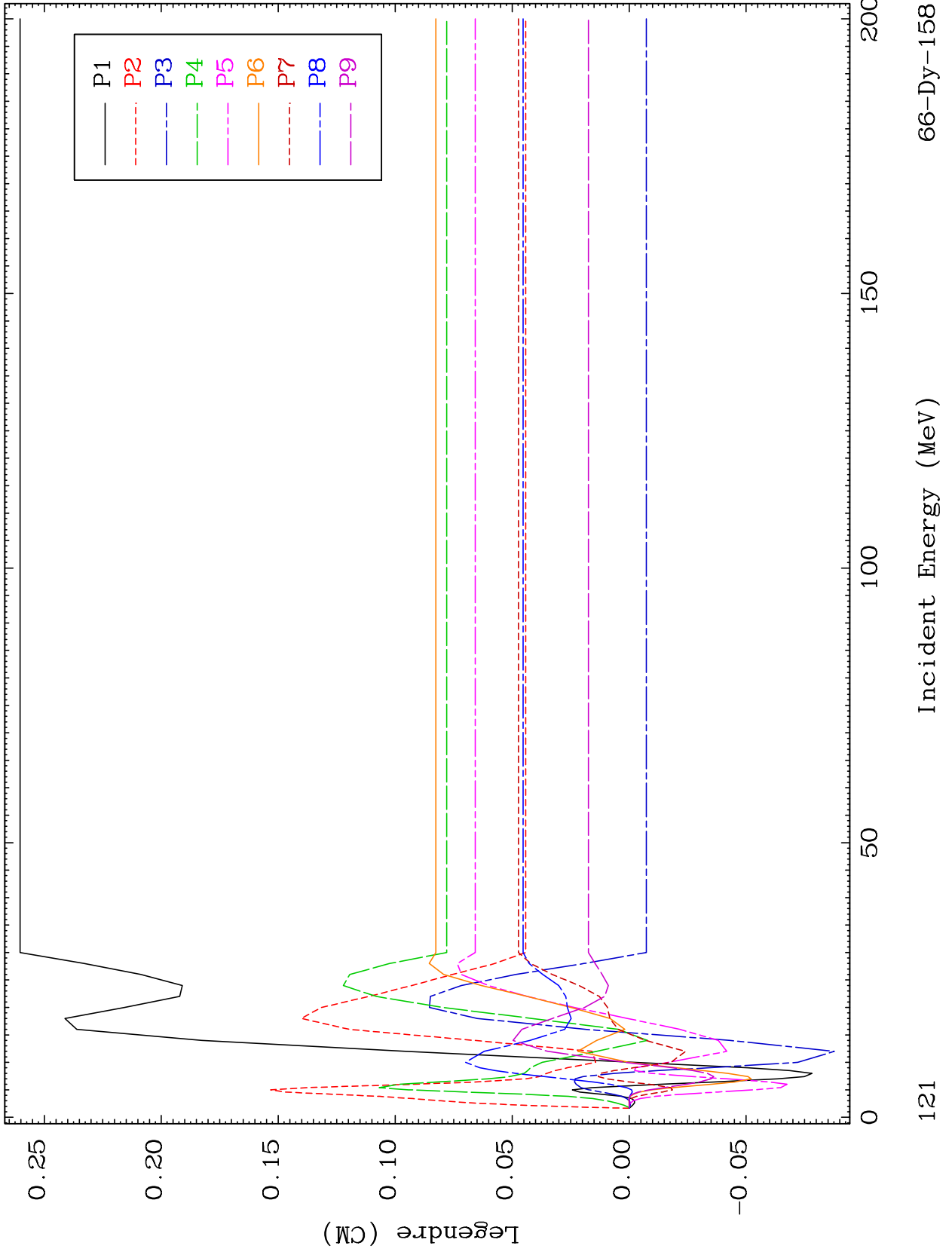
66-Dy-158



MAT 6631

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

66-Dy-158



66-Dy-158

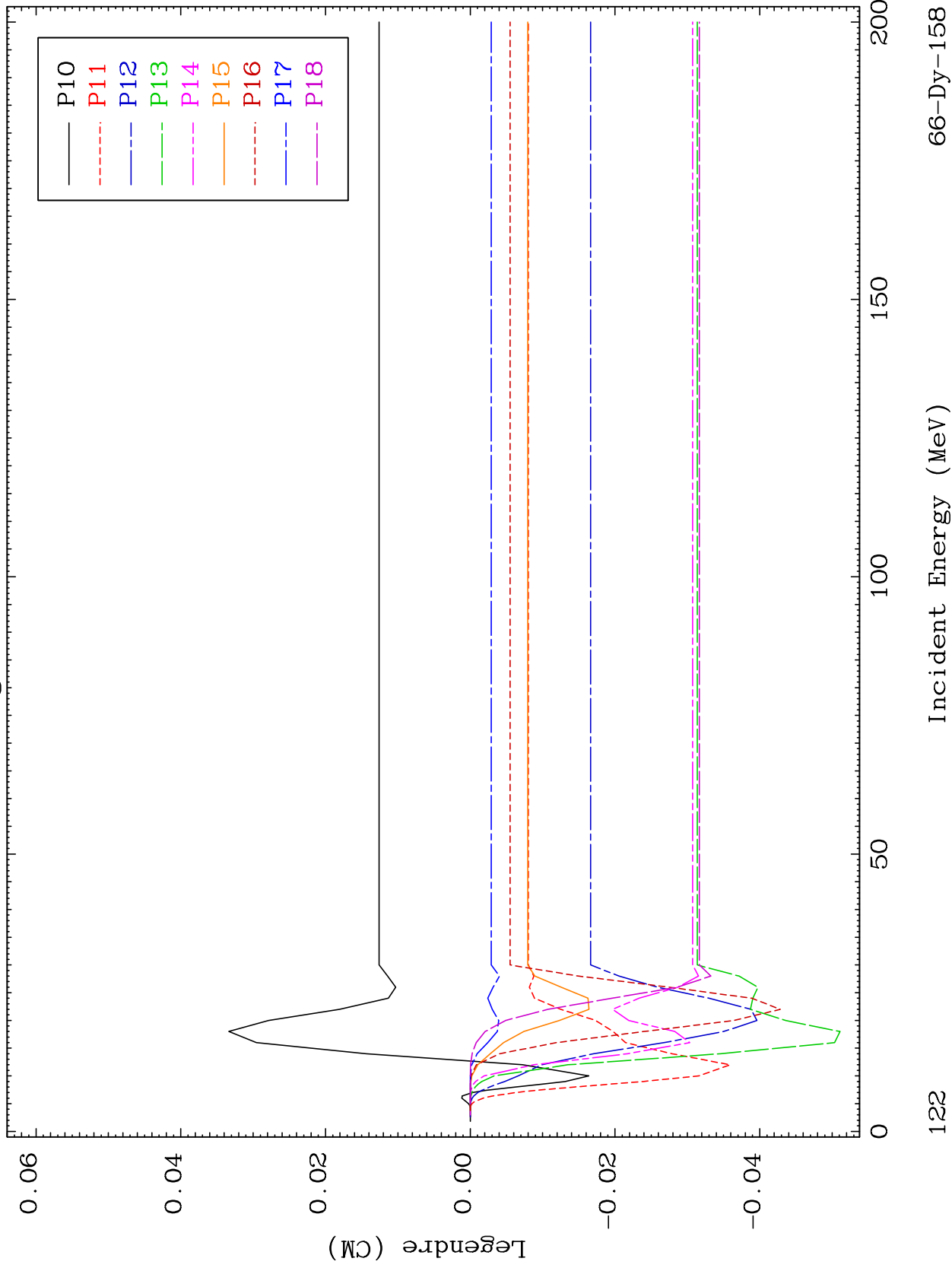
Incident Energy (MeV)

121

MAT 6631

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

66-Dy-158



66-Dy-158

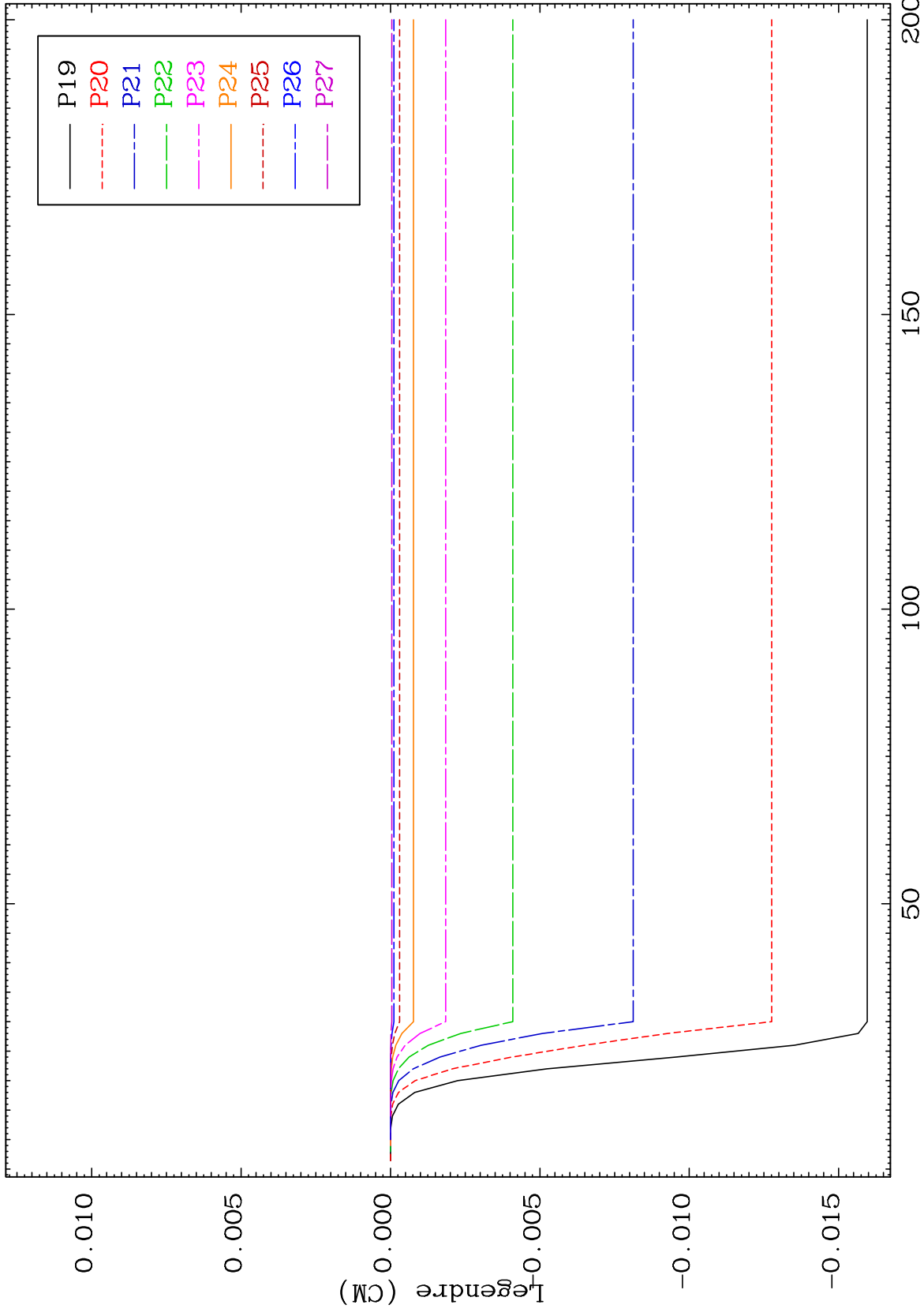
Incident Energy (MeV)

122

MAT 6631

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

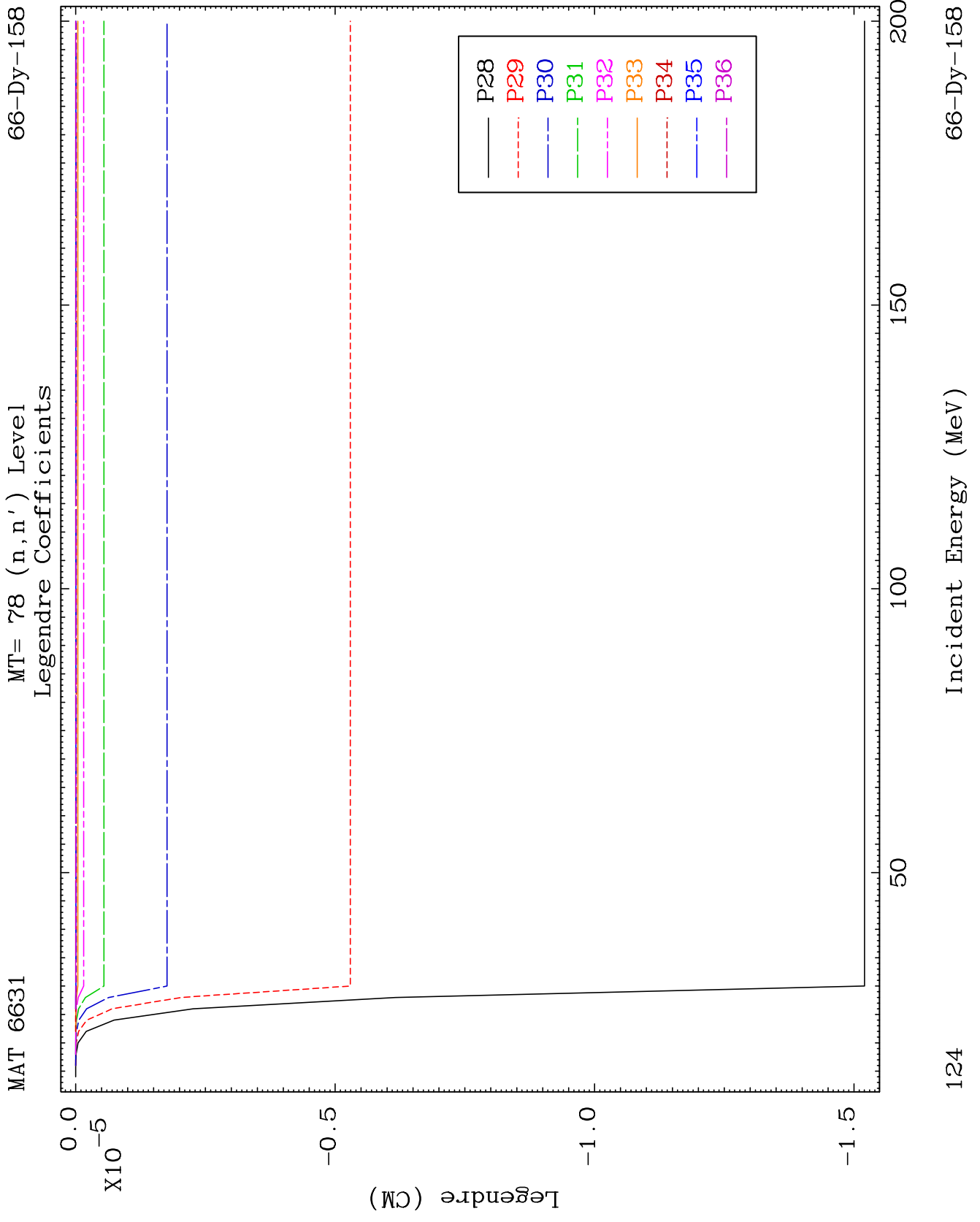
66-Dy-158



123

Incident Energy (MeV)

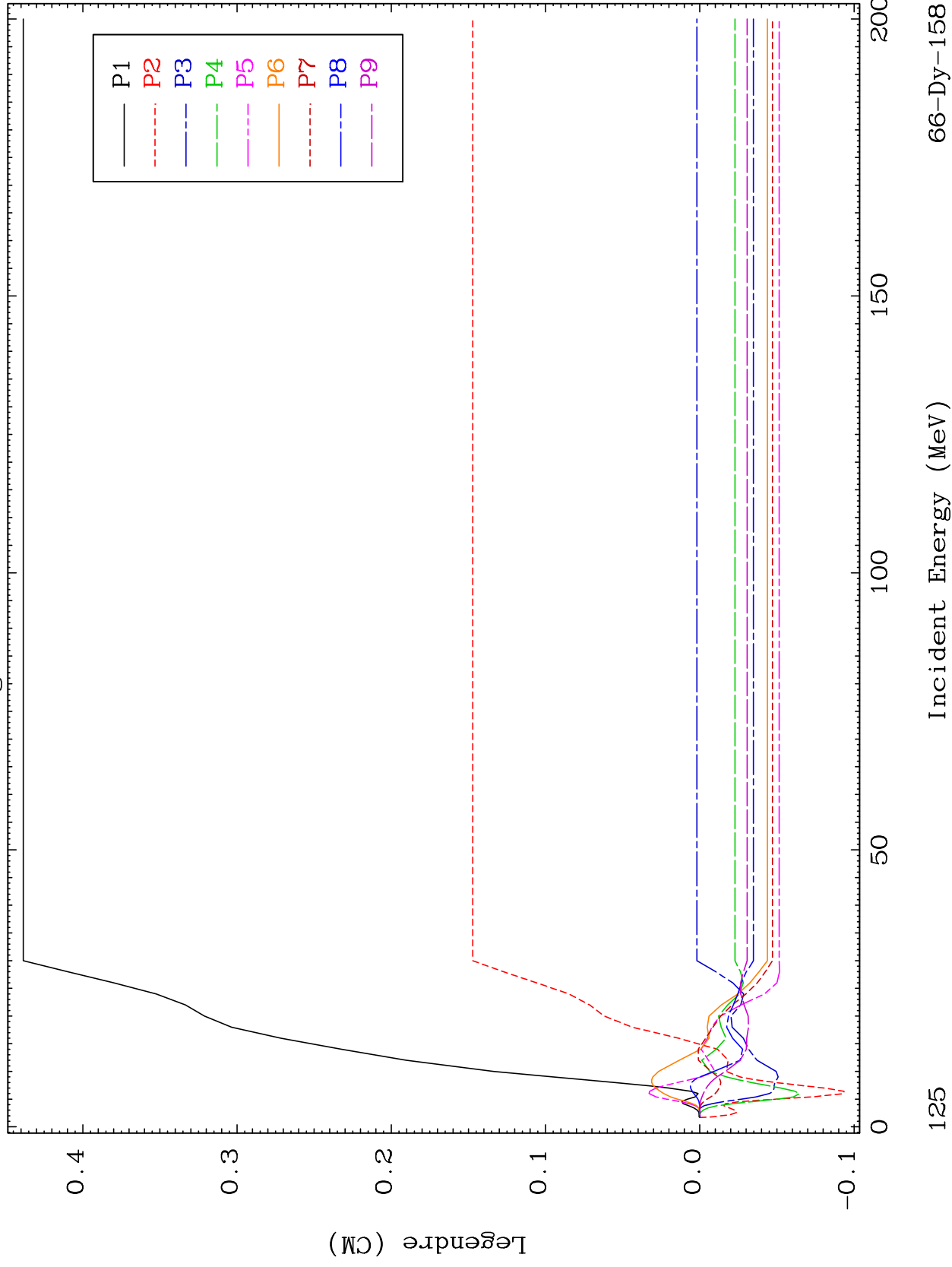
66-Dy-158



MAT 6631

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

66-Dy-158



66-Dy-158

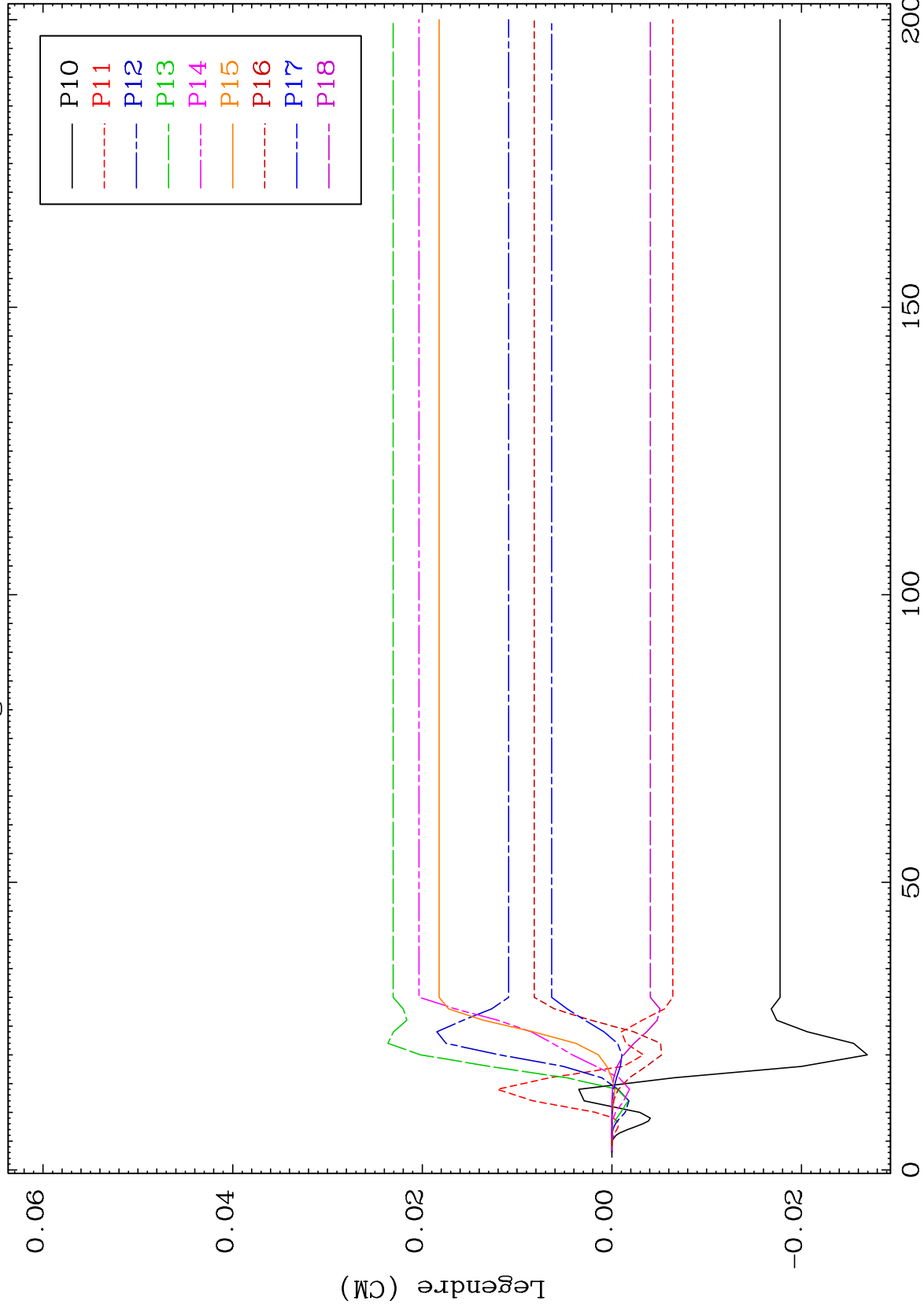
Incident Energy (MeV)

125

MAT 6631

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

66-Dy-158



126

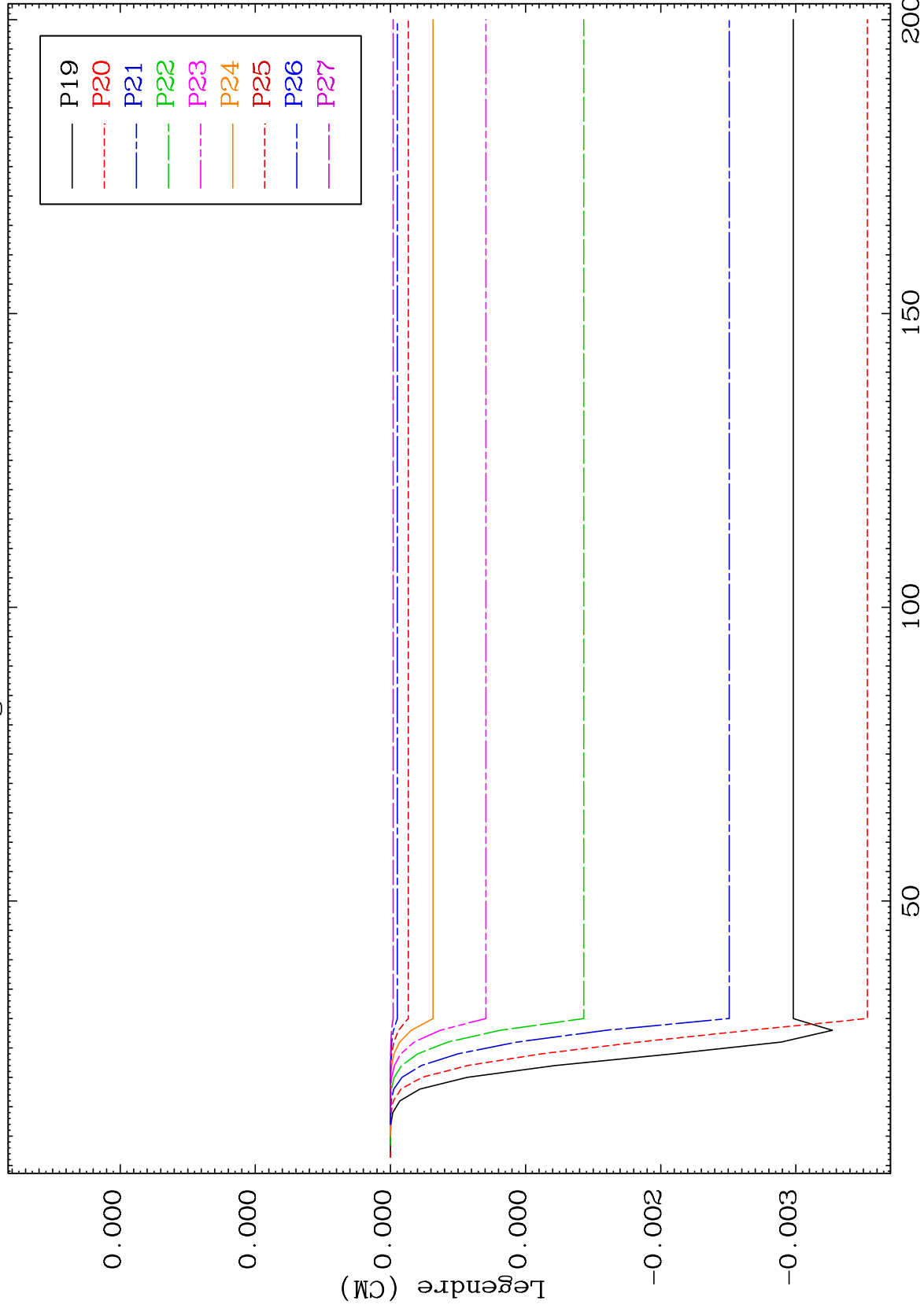
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

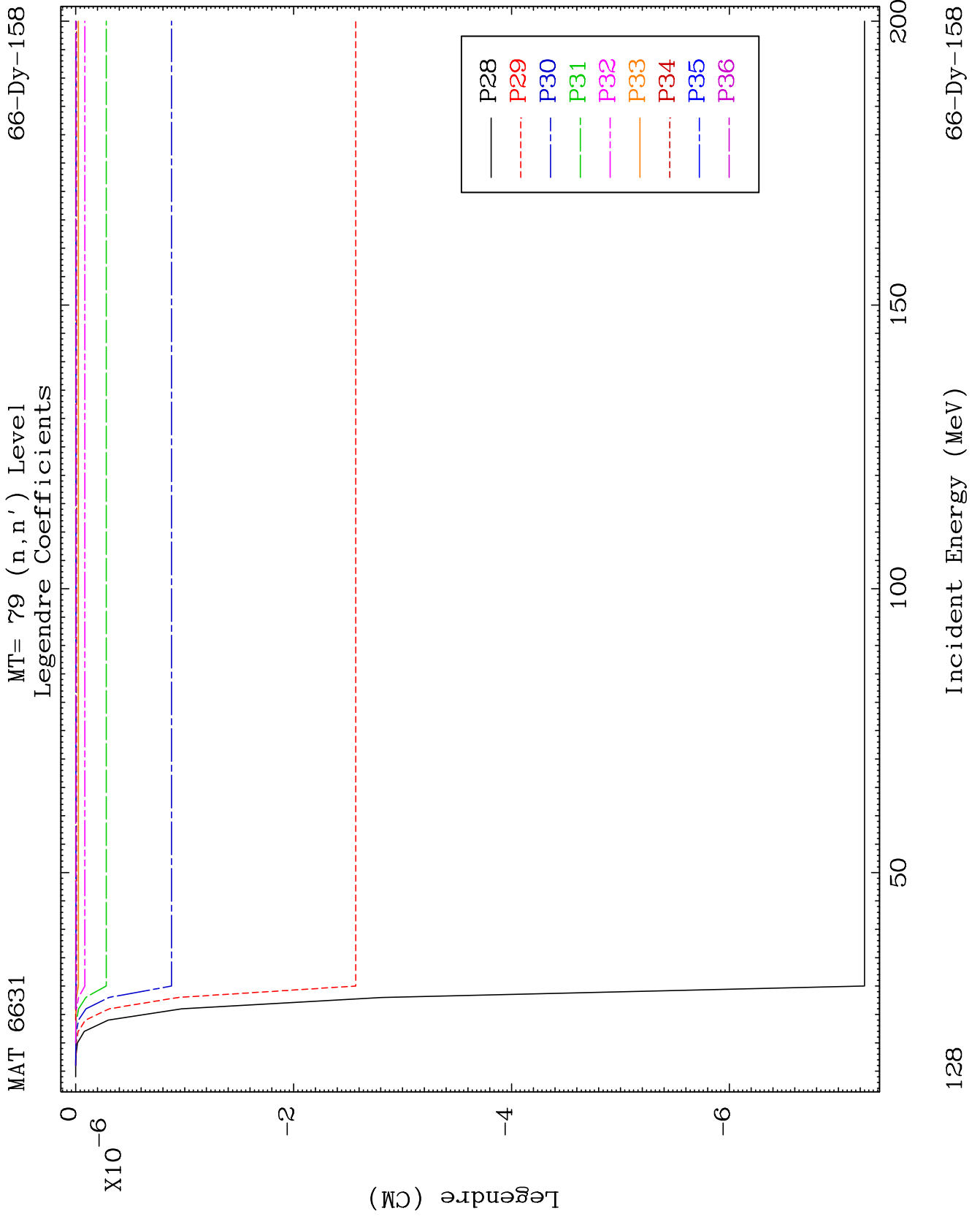
66-Dy-158

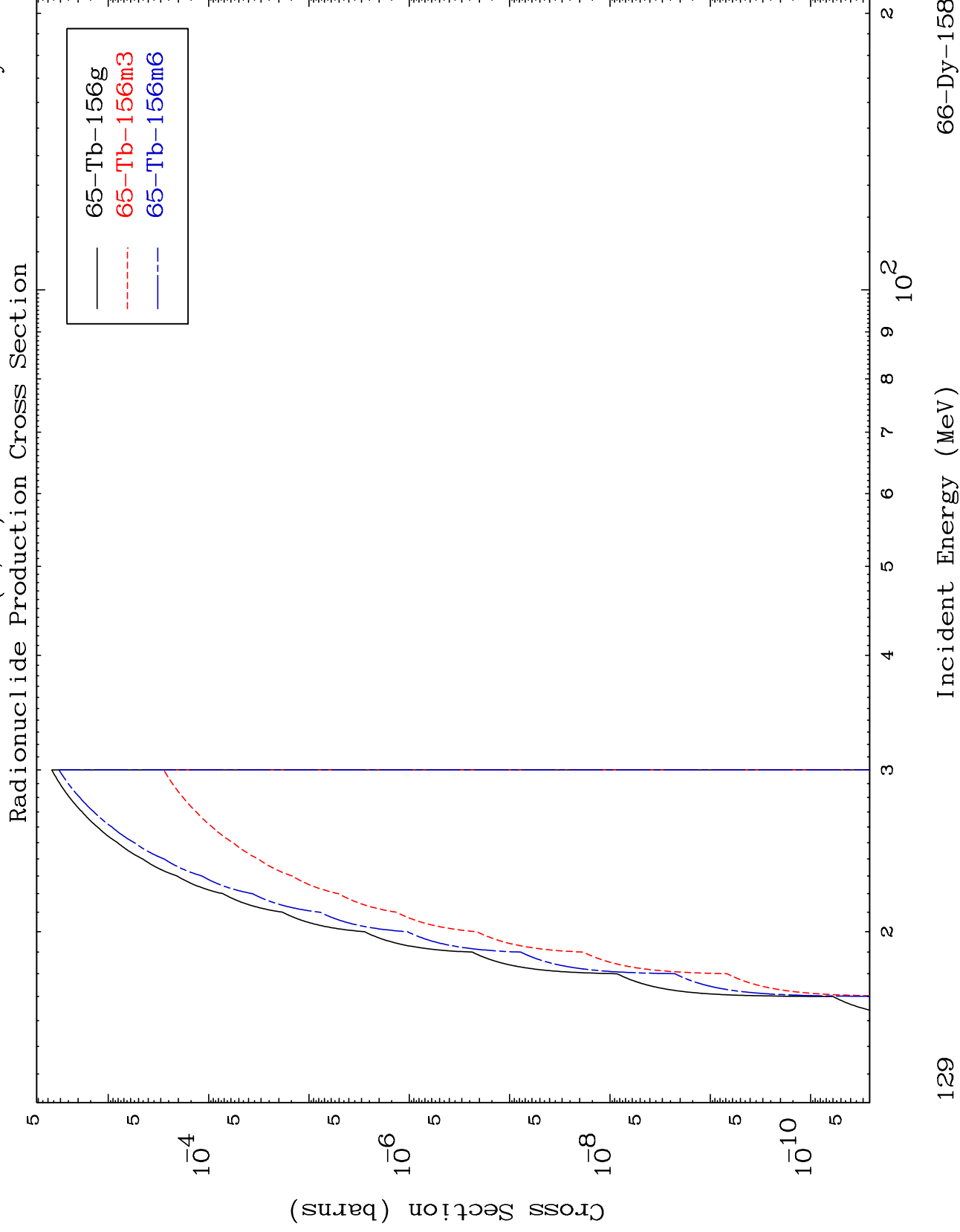


127

Incident Energy (MeV)

66-Dy-158



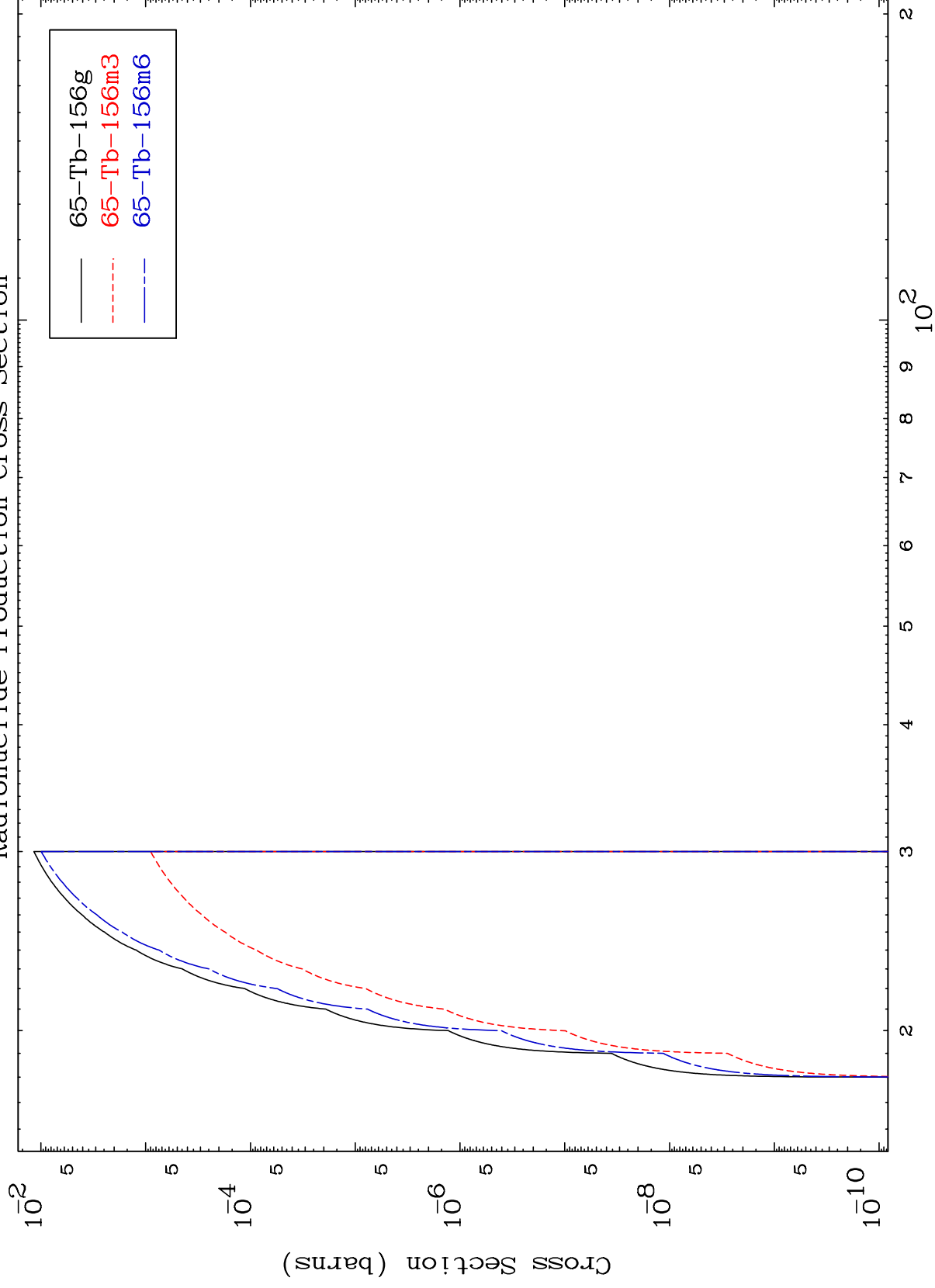


MAT 6631

(n,2n) p

66-Dy-158

Radionuclide Production Cross Section



130

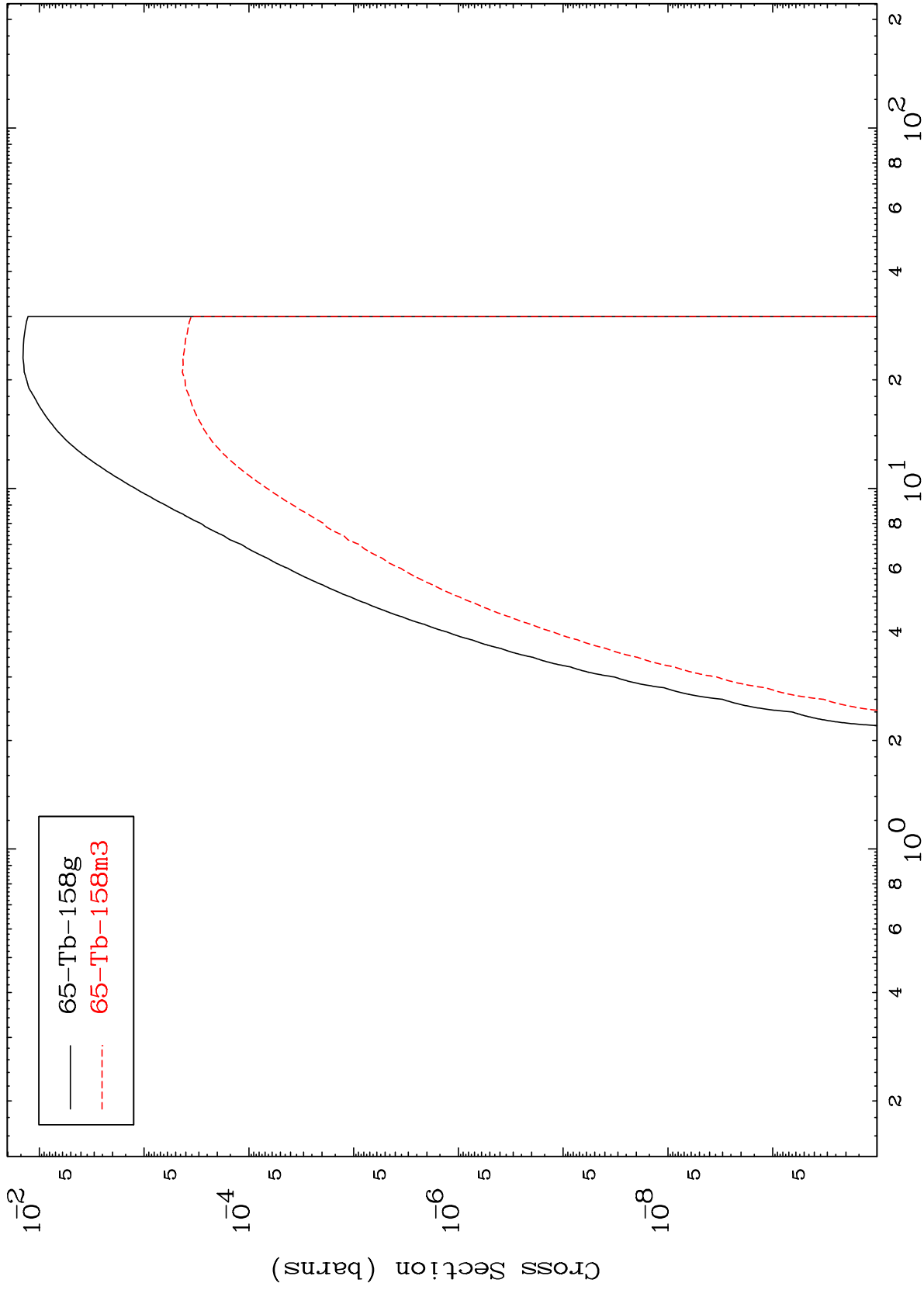
Incident Energy (MeV)

66-Dy-158

MAT 6631

66-Dy-158

(n,p)
Radionuclide Production Cross Section

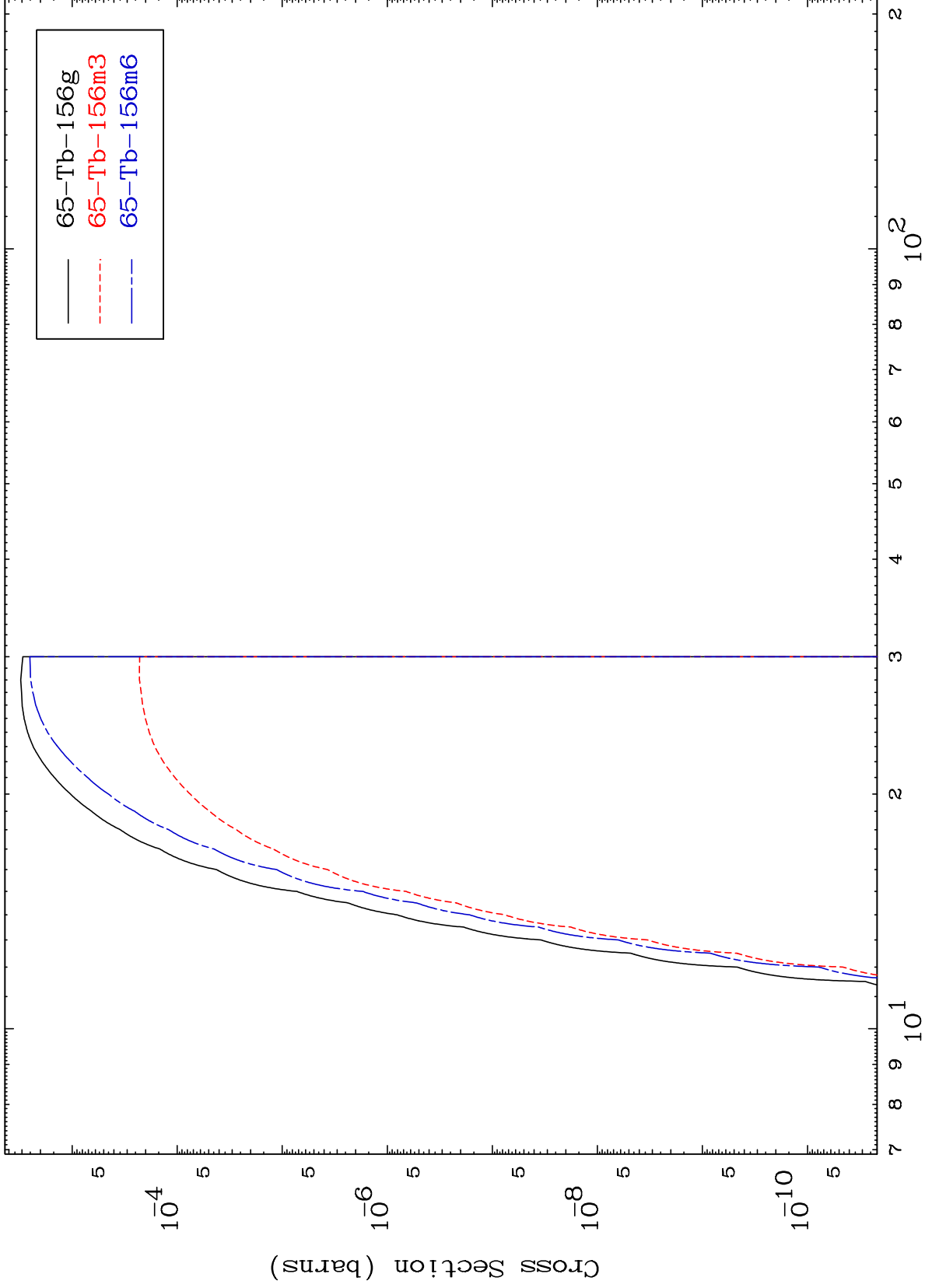


131

Incident Energy (MeV)

66-Dy-158

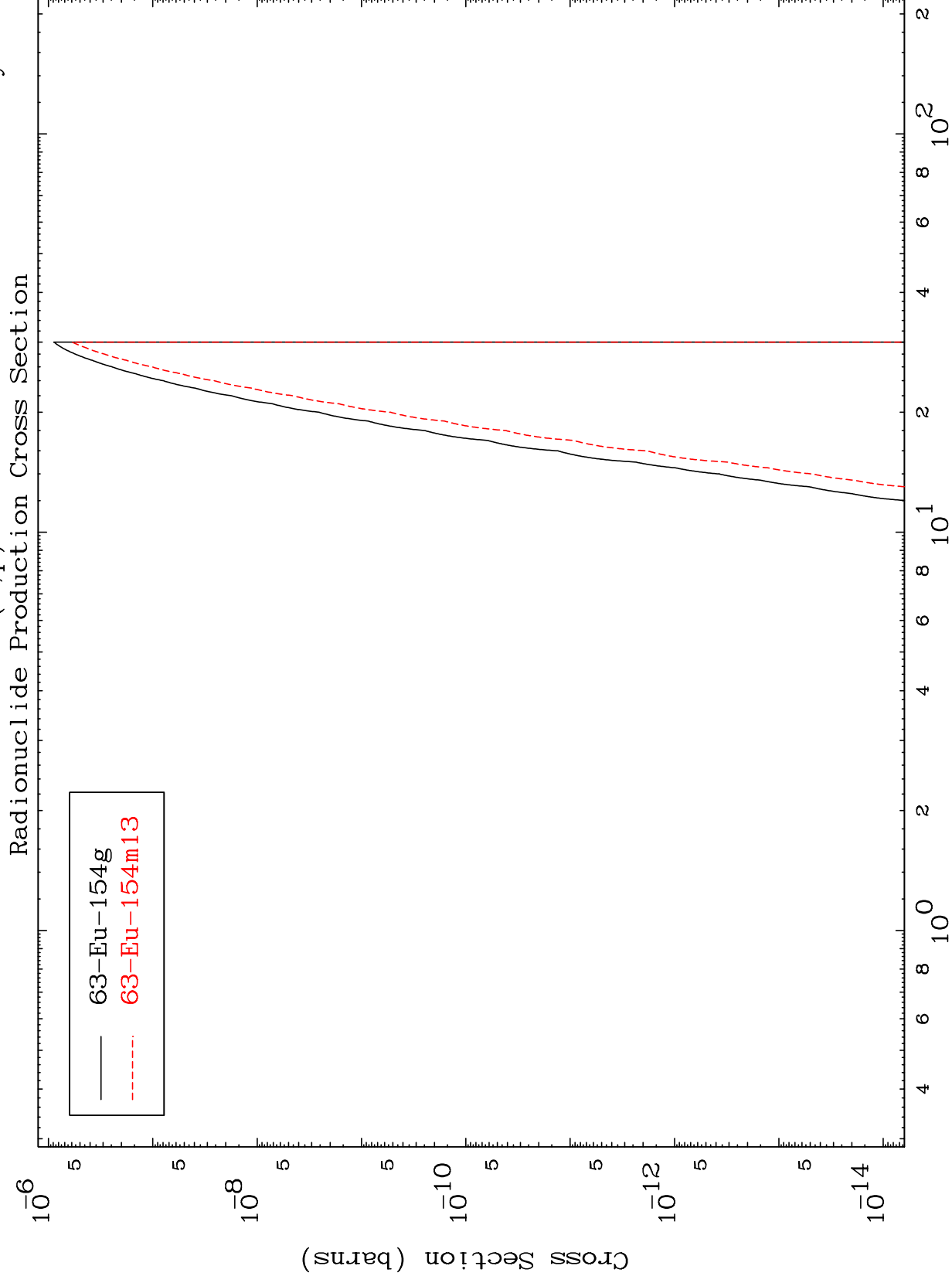
(n, t)
Radionuclide Production Cross Section



MAT 6631

(n,p) α

66-Dy-158



133

Incident Energy (MeV)

66-Dy-158