

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

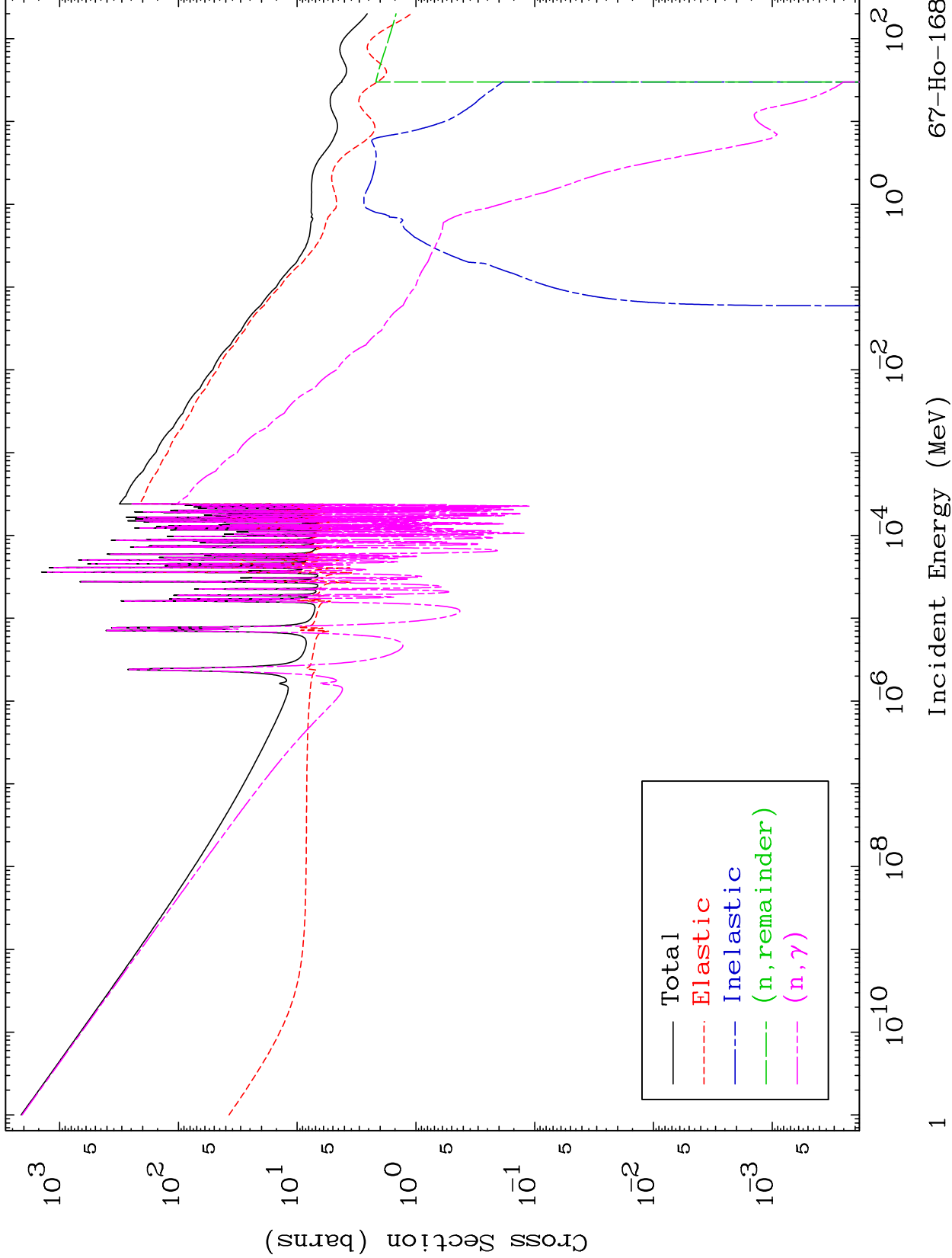
Press Mouse Button to Start

MAT 6734

Major

293 Kelvin Cross Sections

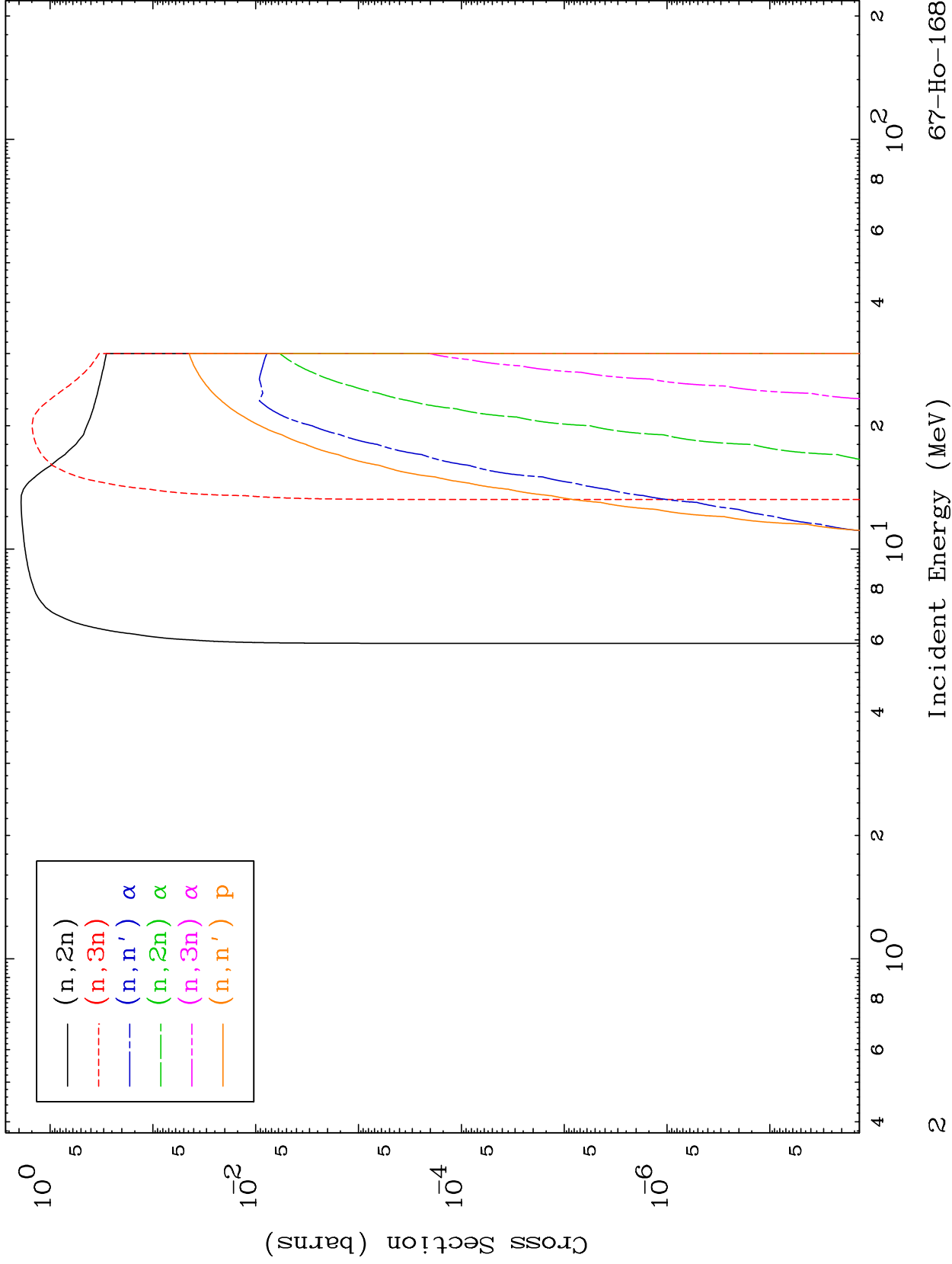
67-Ho-168



MAT 6734

Neutron Production
293 Kelvin Cross Sections

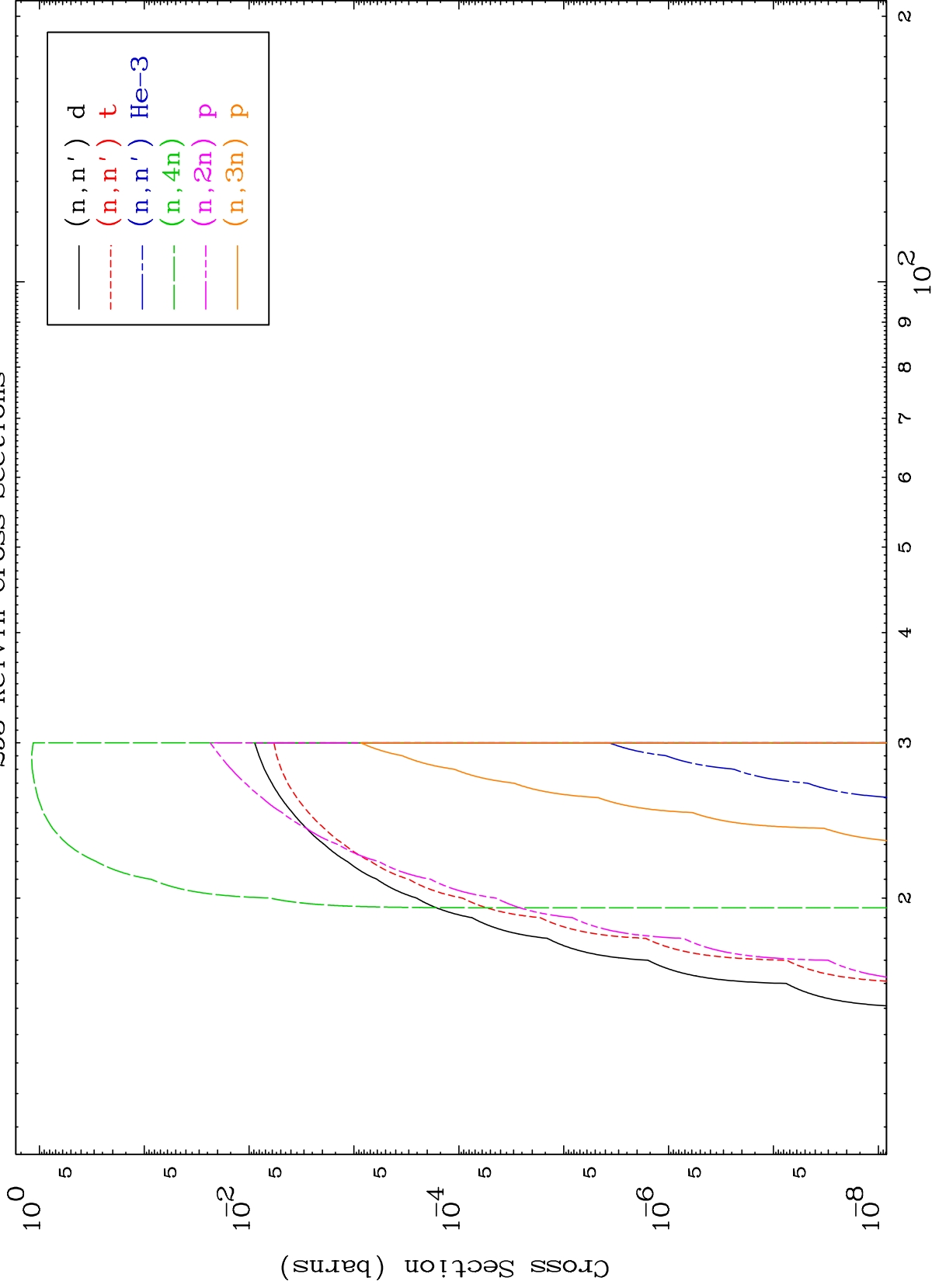
67-Ho-168



67-Ho-168

Incident Energy (MeV)

2

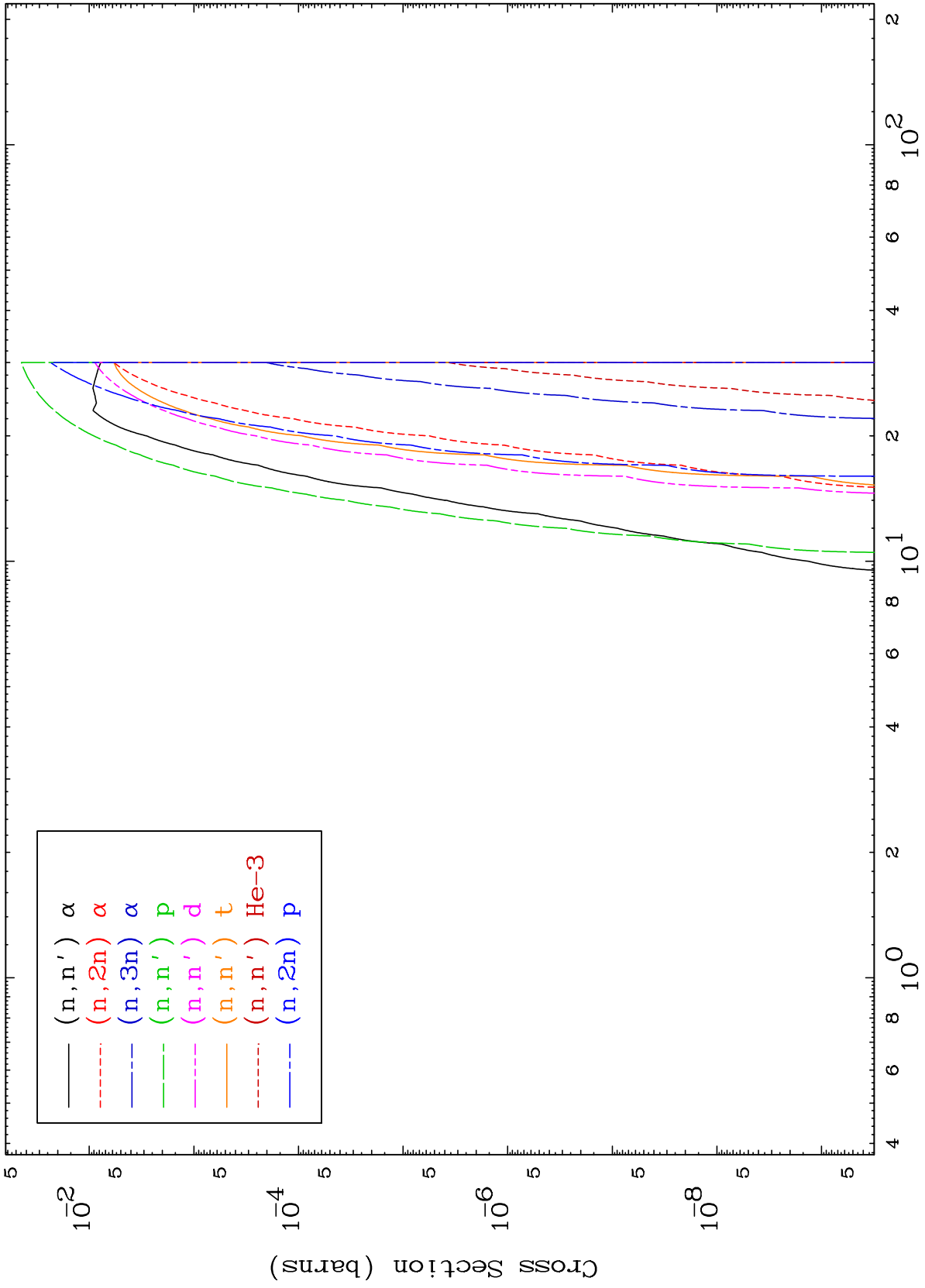


MAT 6734

Charged Particle

67-Ho-168

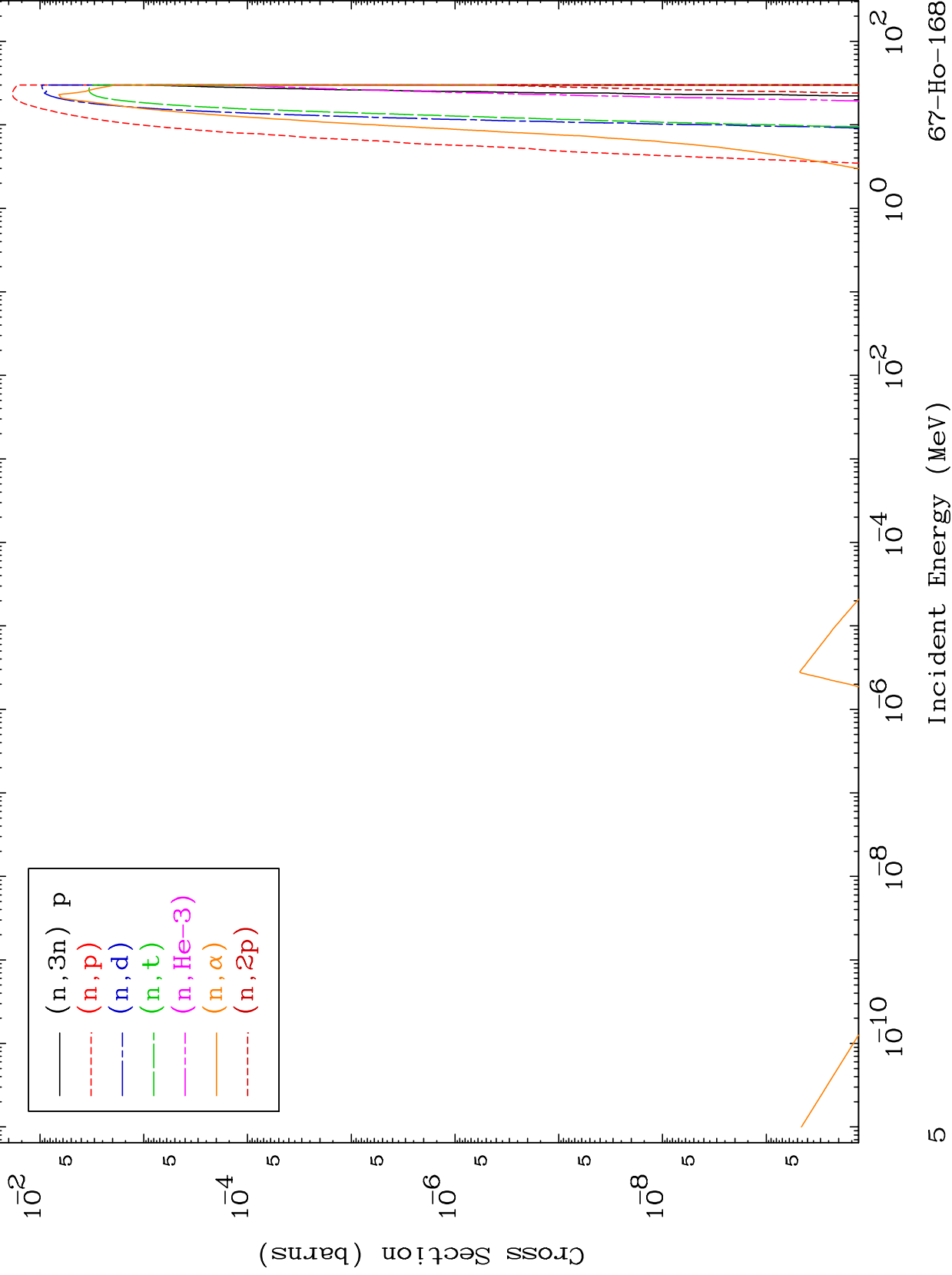
293 Kelvin Cross Sections



MAT 6734

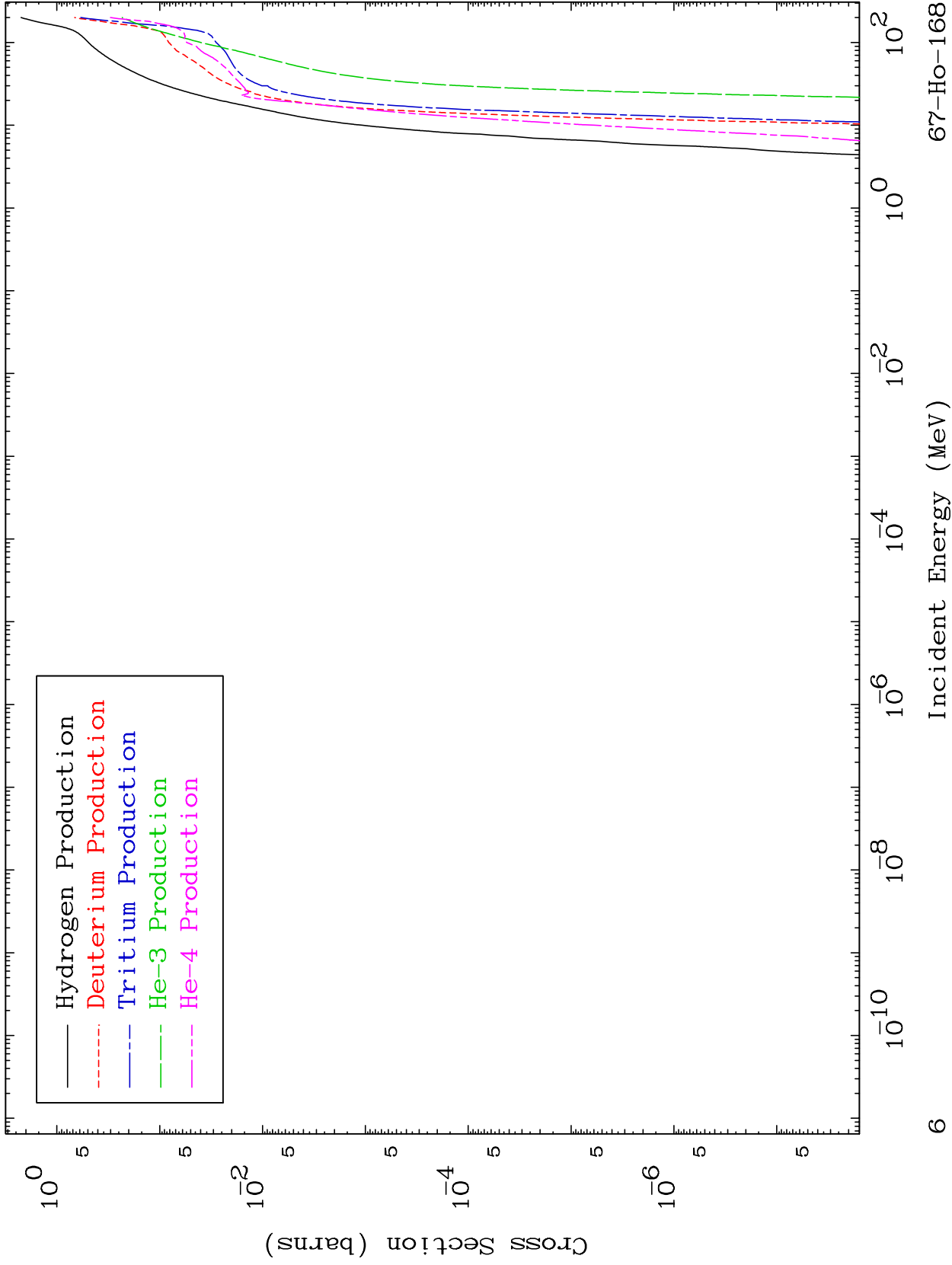
Charged Particle
293 Kelvin Cross Sections

67-Ho-168



5

67-Ho-168

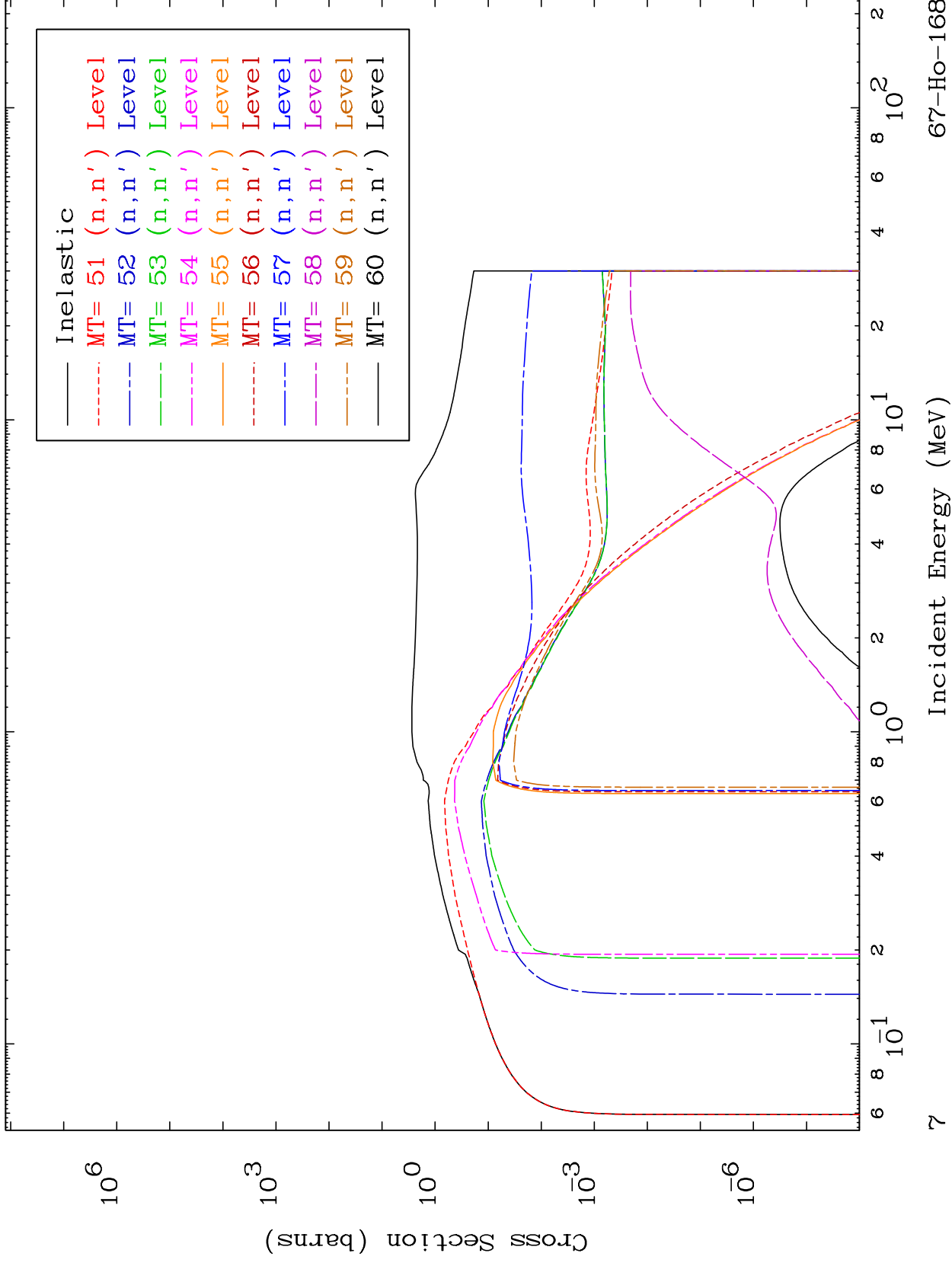


MAT 6734

(n,n') Level

67-Ho-168

293 Kelvin Cross Sections

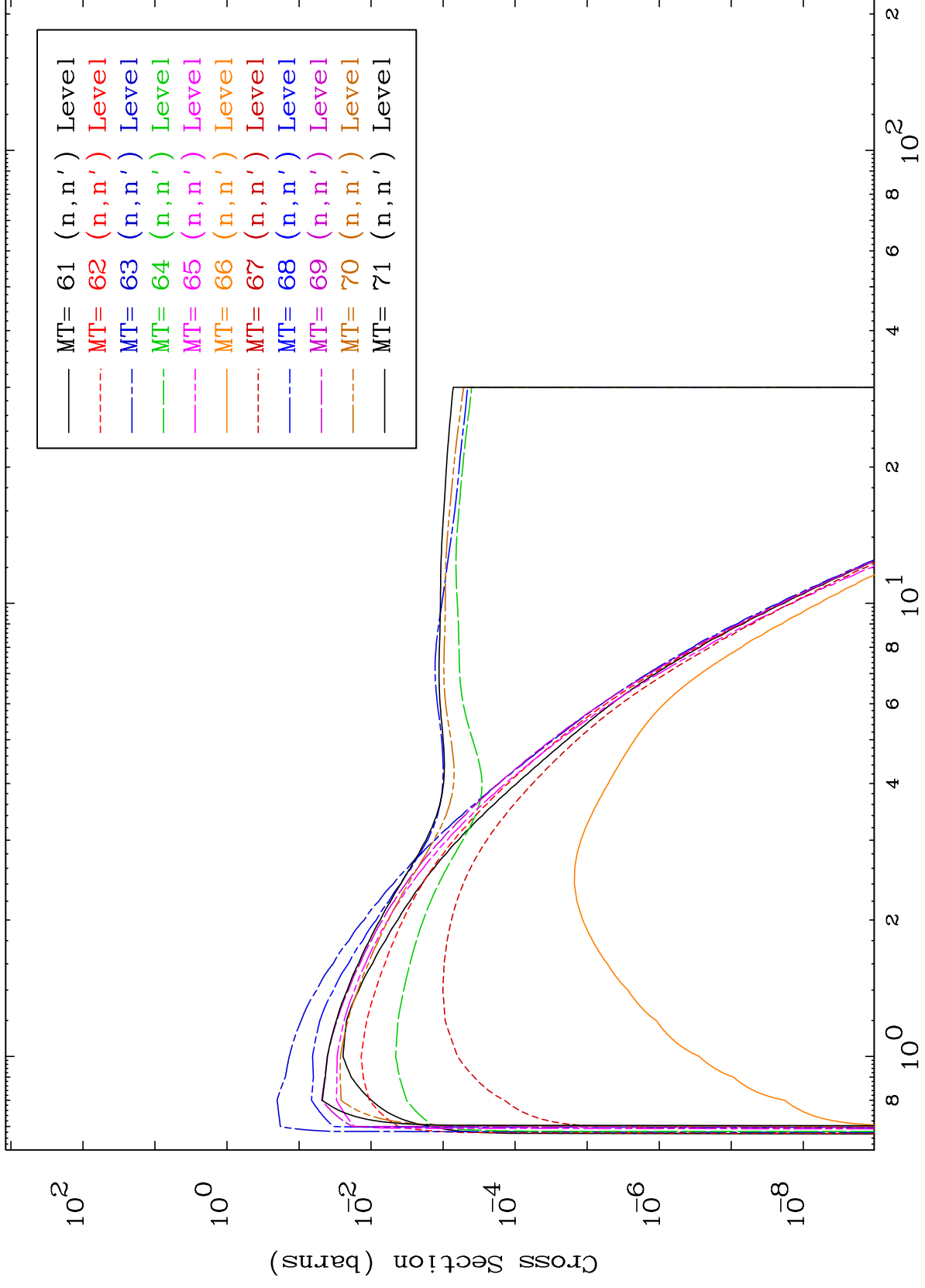


MAT 6734

(n,n') Level

293 Kelvin Cross Sections

67-Ho-168



8

Incident Energy (MeV)

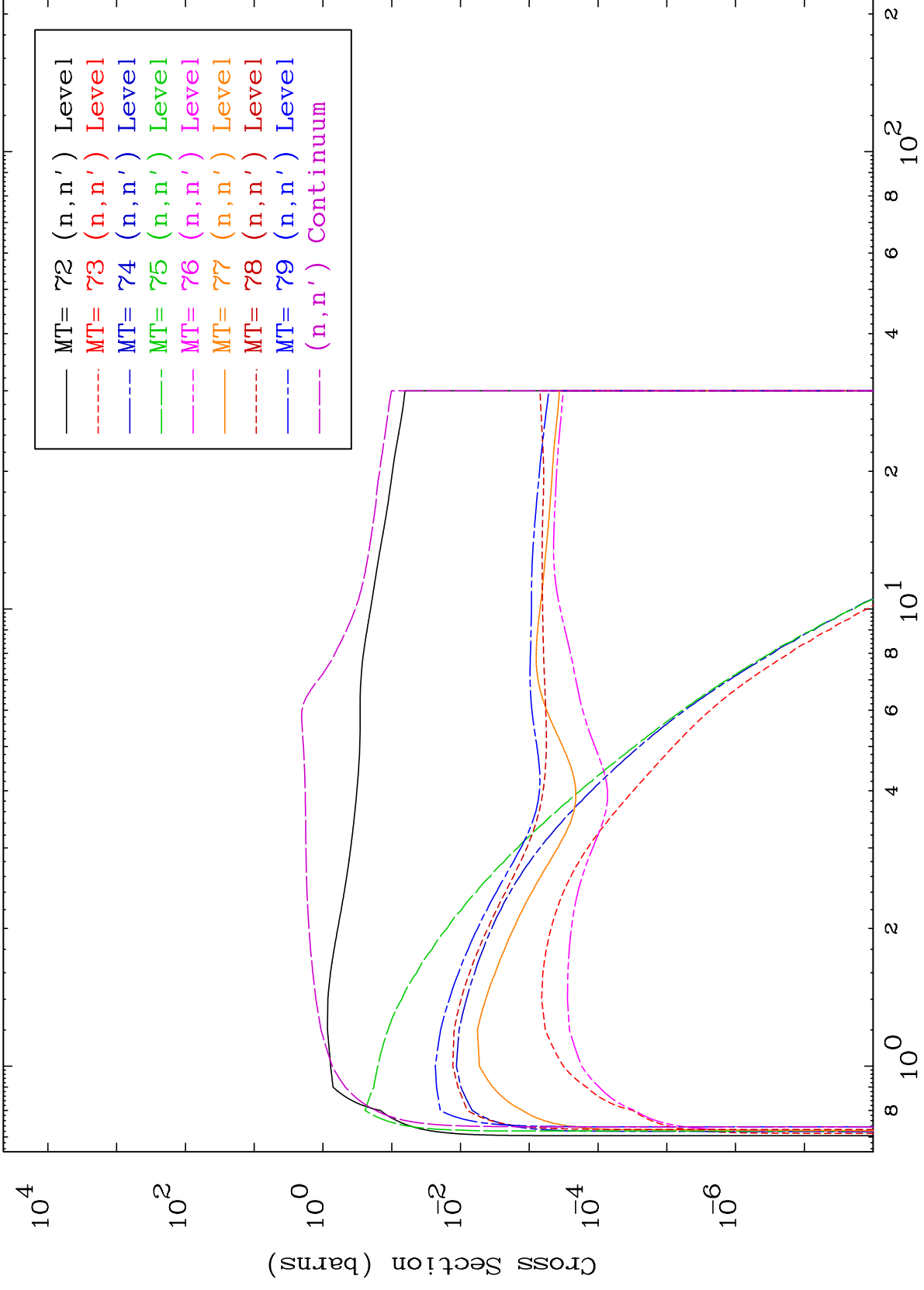
67-Ho-168

MAT 6734

(n,n') Level

67-Ho-168

293 Kelvin Cross Sections



9

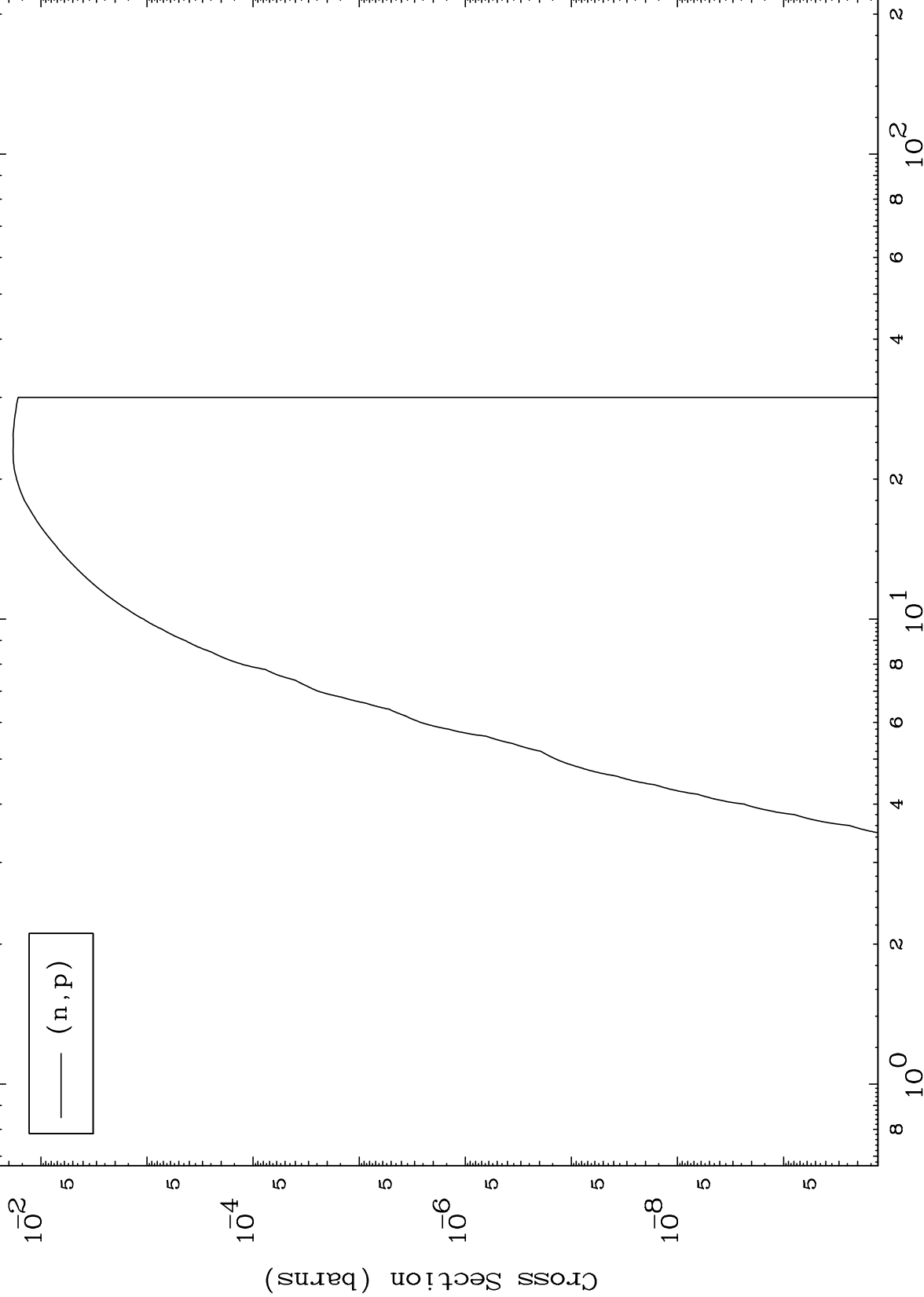
Incident Energy (MeV)

67-Ho-168

MAT 6734

(n,p) Levels
293 Kelvin Cross Sections

67-Ho-168



10

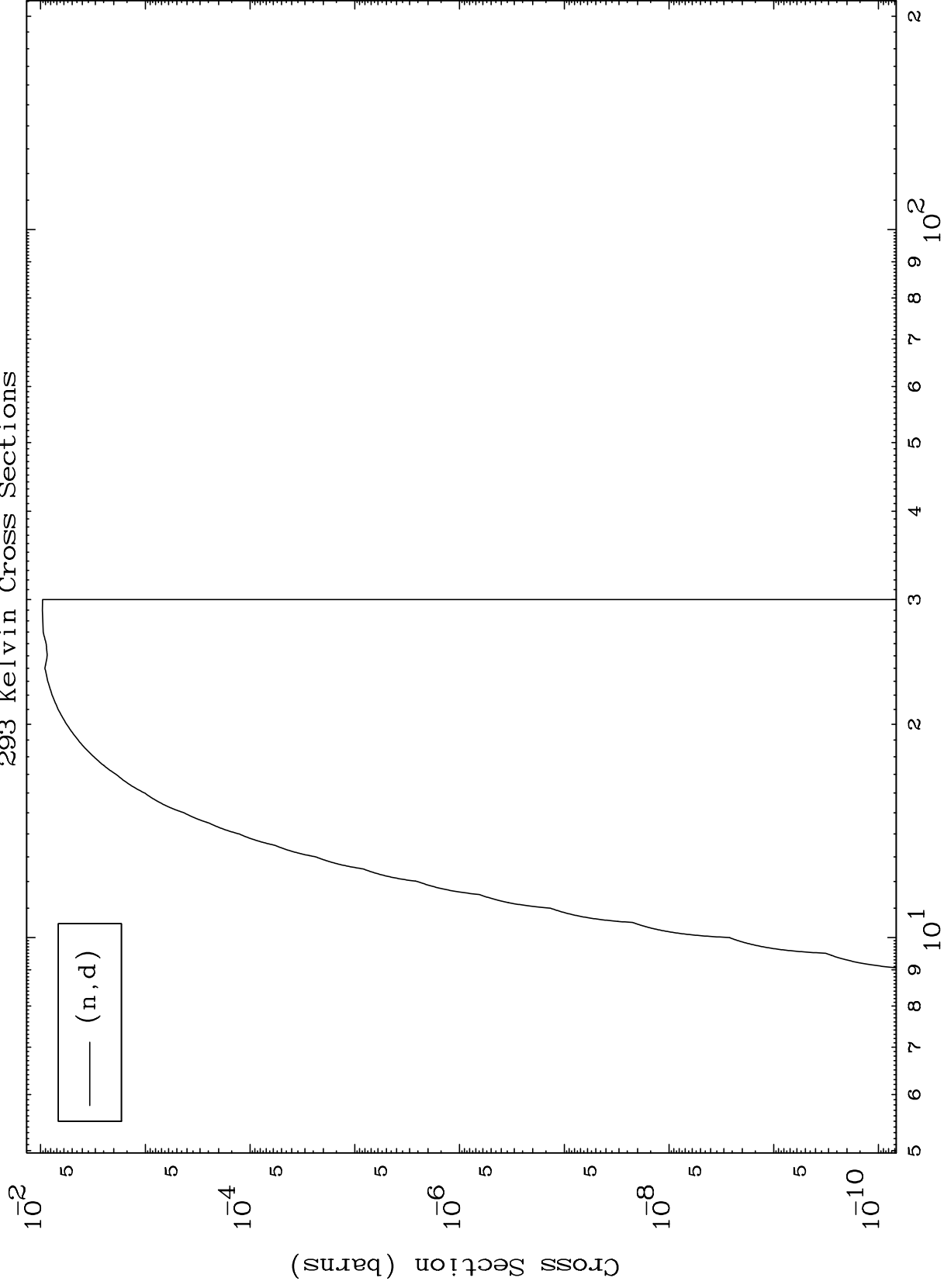
Incident Energy (MeV)

67-Ho-168

MAT 6734

(n,d) Levels
293 Kelvin Cross Sections

67-Ho-168



11

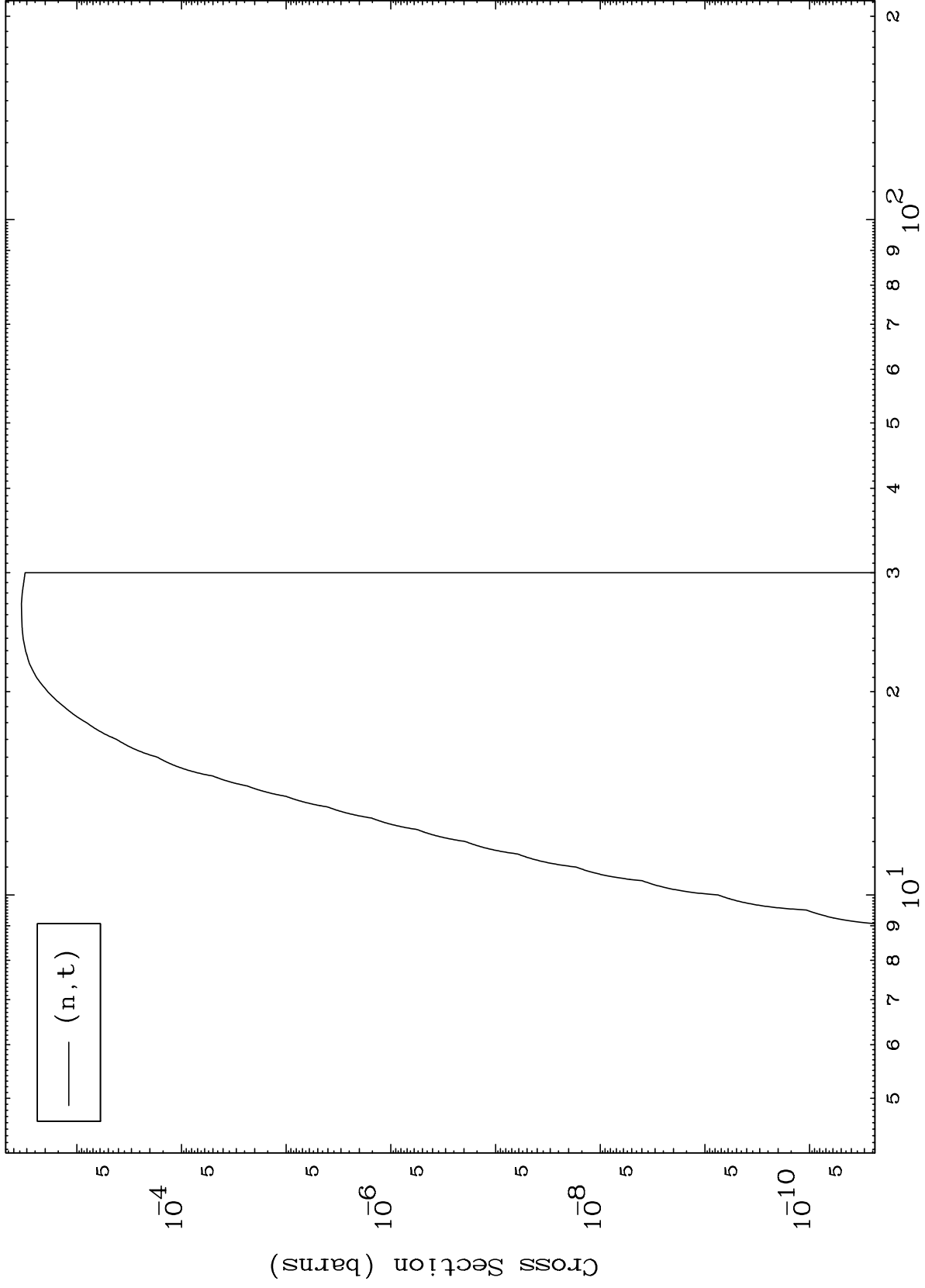
Incident Energy (MeV)

67-Ho-168

MAT 6734

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-168



12

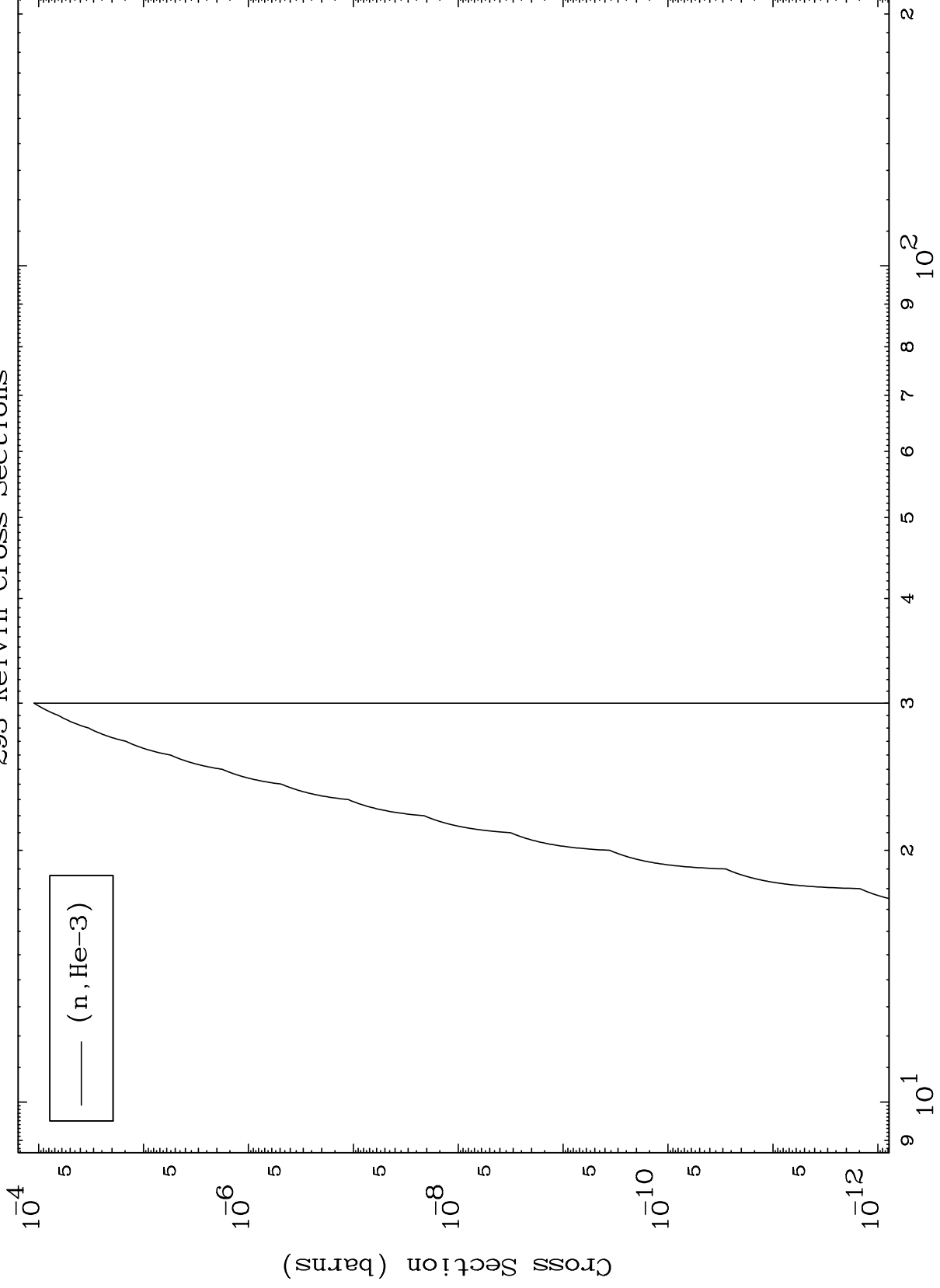
Incident Energy (MeV)

67-Ho-168

MAT 6734

(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-168



13

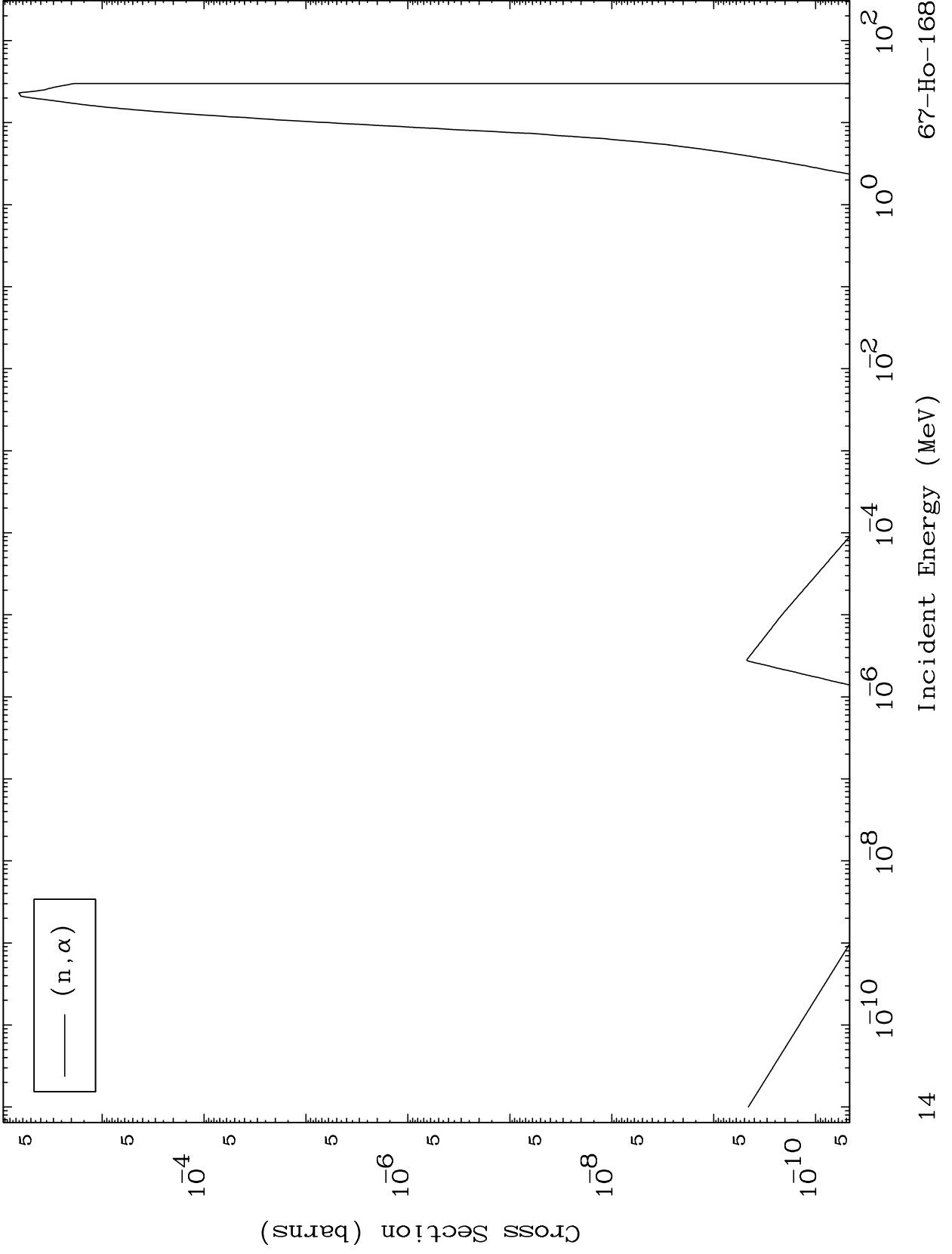
Incident Energy (MeV)

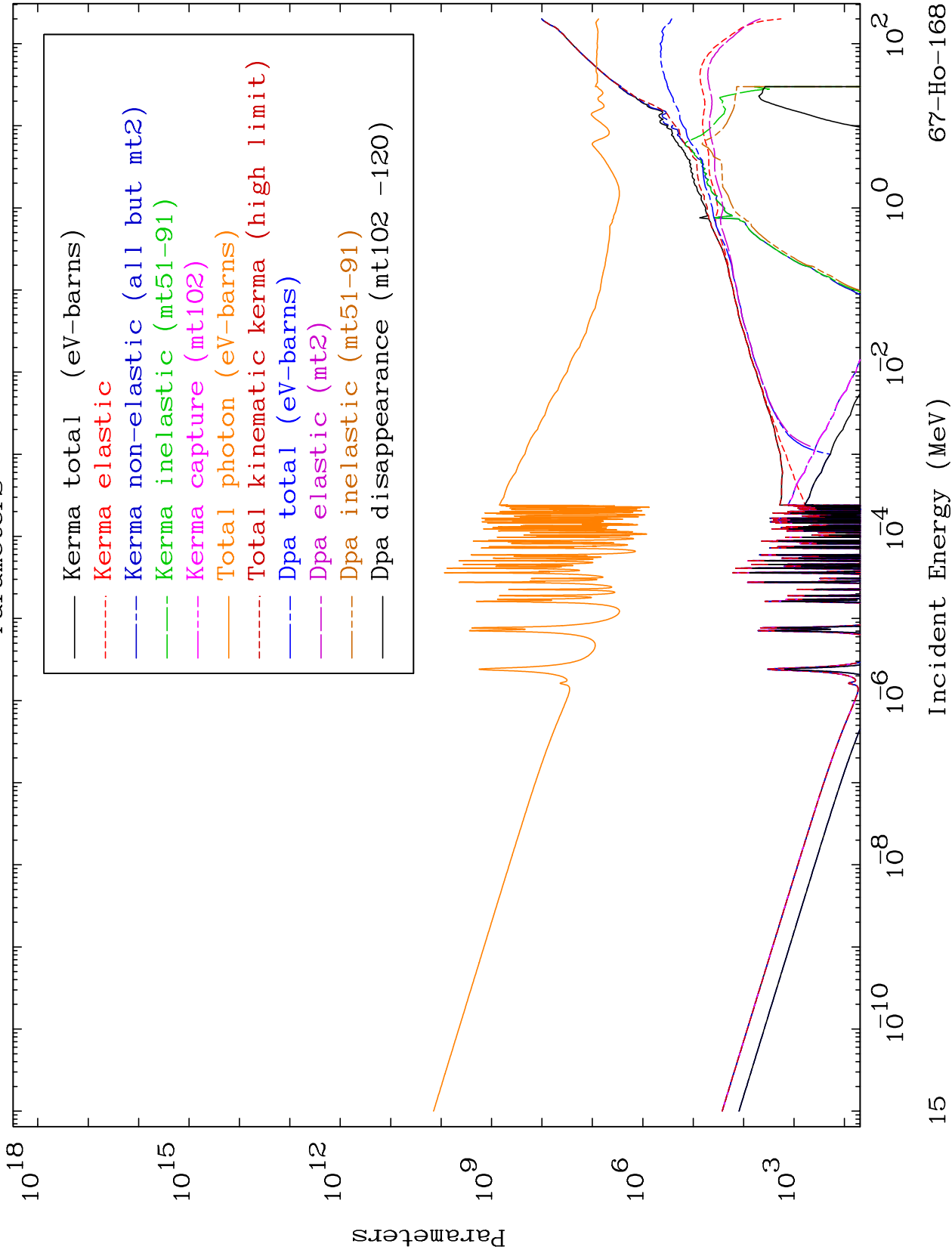
67-Ho-168

MAT 6734

(n, α) Levels
293 Kelvin Cross Sections

67-Ho-168

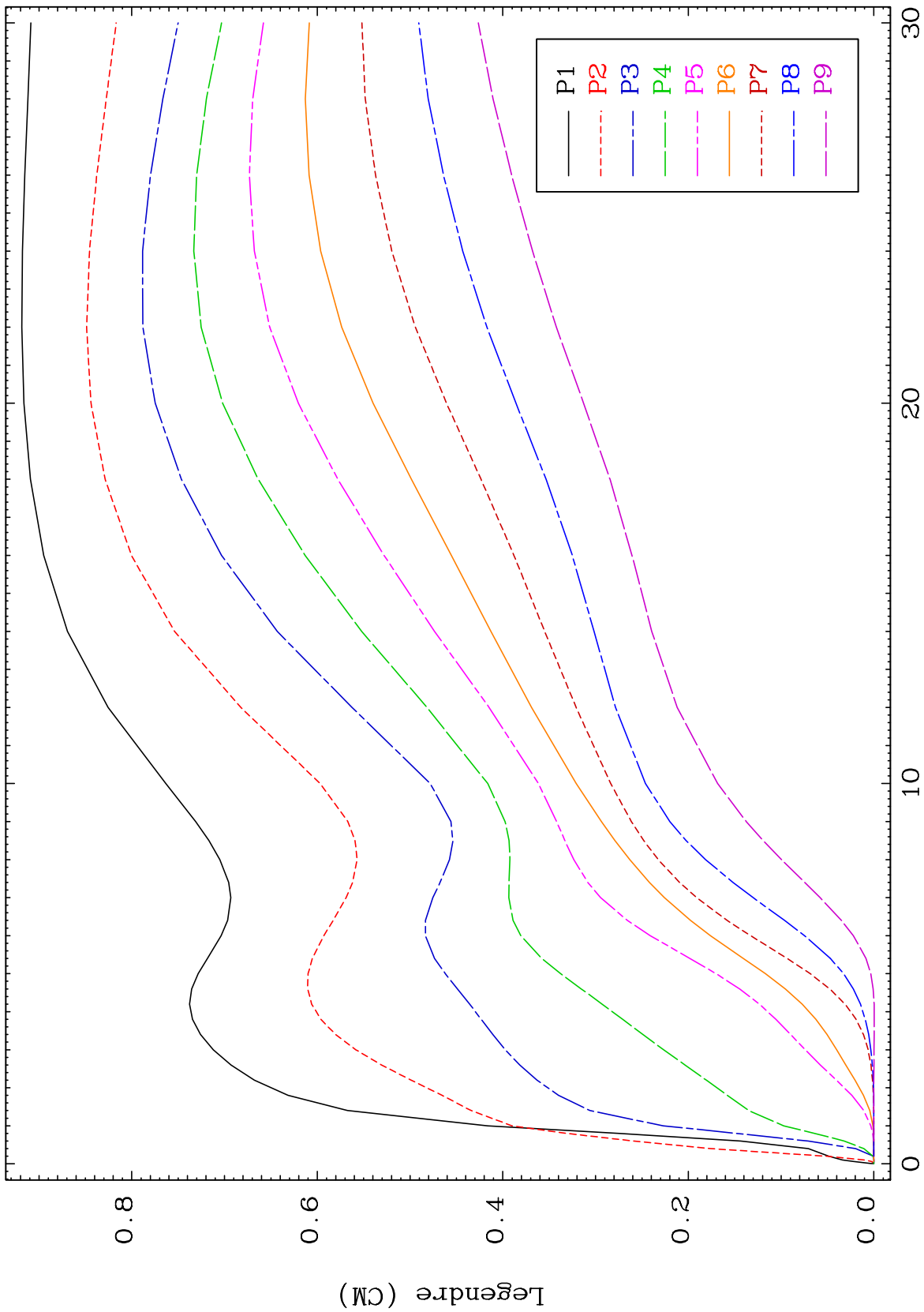




MAT 6734

Elastic Legendre Coefficients

67-Ho-168



16

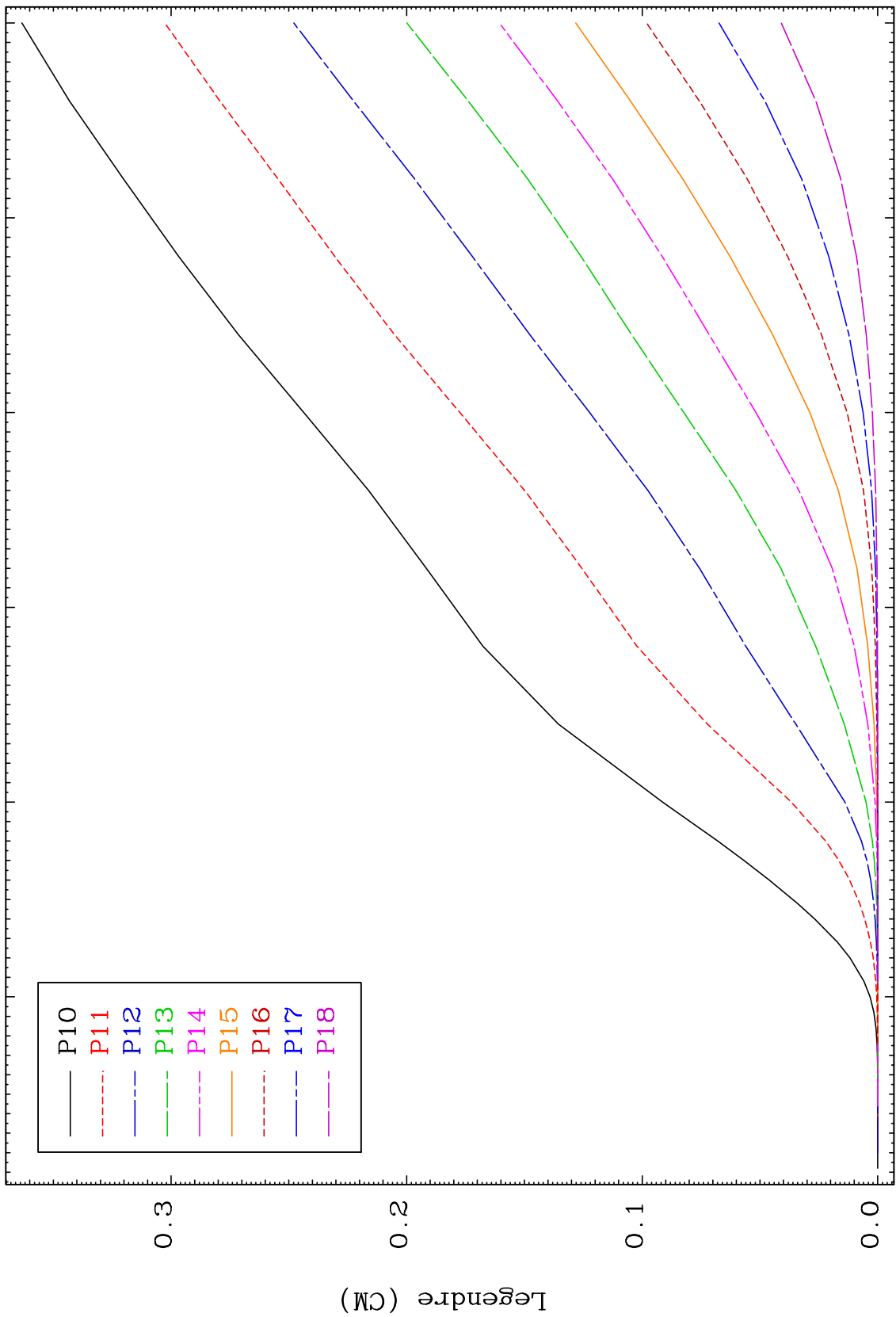
Incident Energy (MeV)

67-Ho-168

MAT 6734

Elastic Legendre Coefficients

67-Ho-168



17

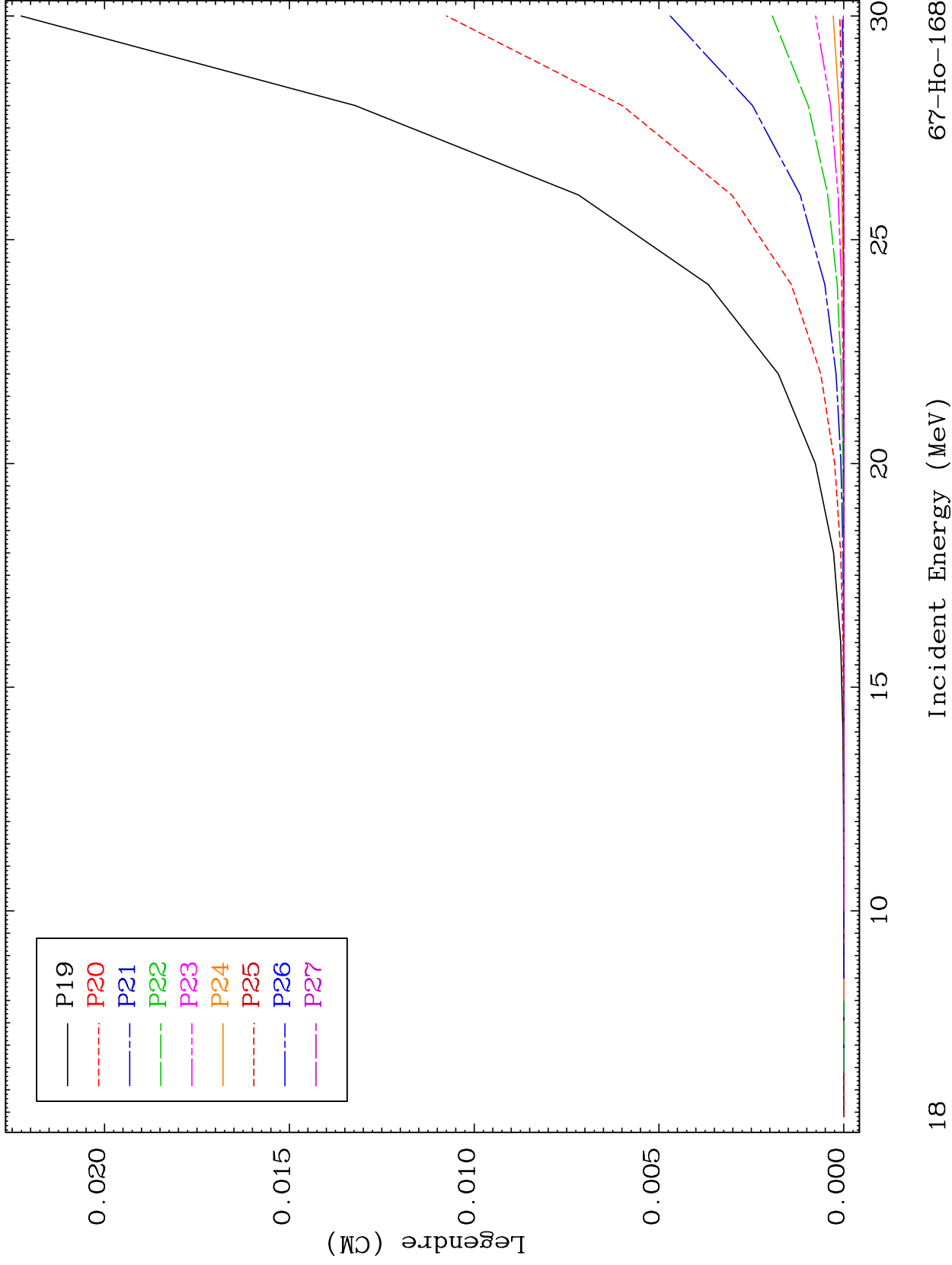
Incident Energy (MeV)

67-Ho-168

MAT 6734

Elastic Legendre Coefficients

67-Ho-168



18

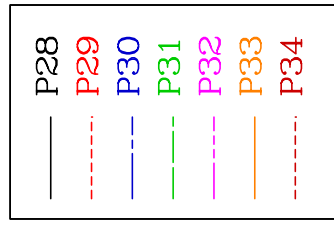
Incident Energy (MeV)

67-Ho-168

MAT 6734

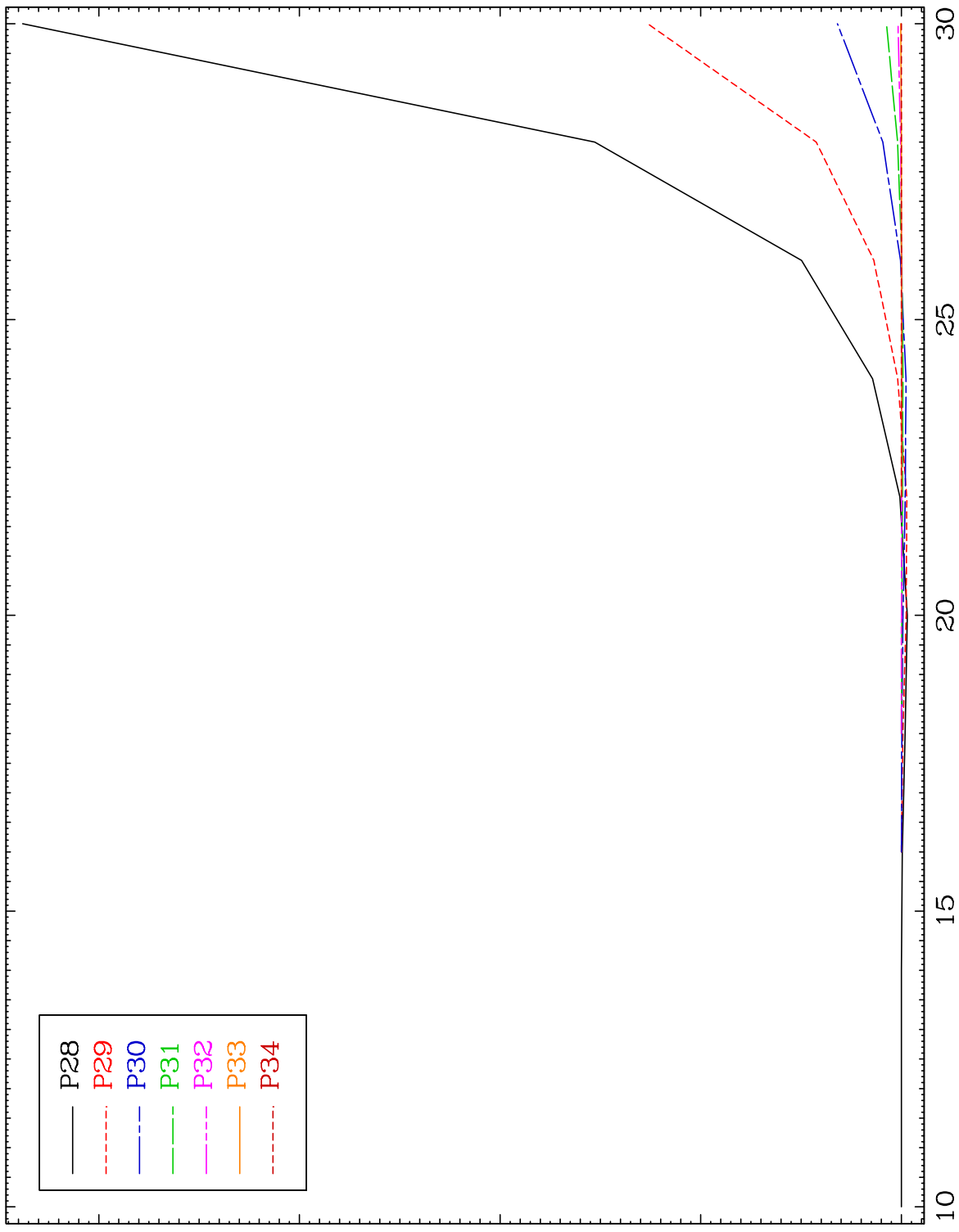
Elastic
Legendre Coefficients

67-Ho-168



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

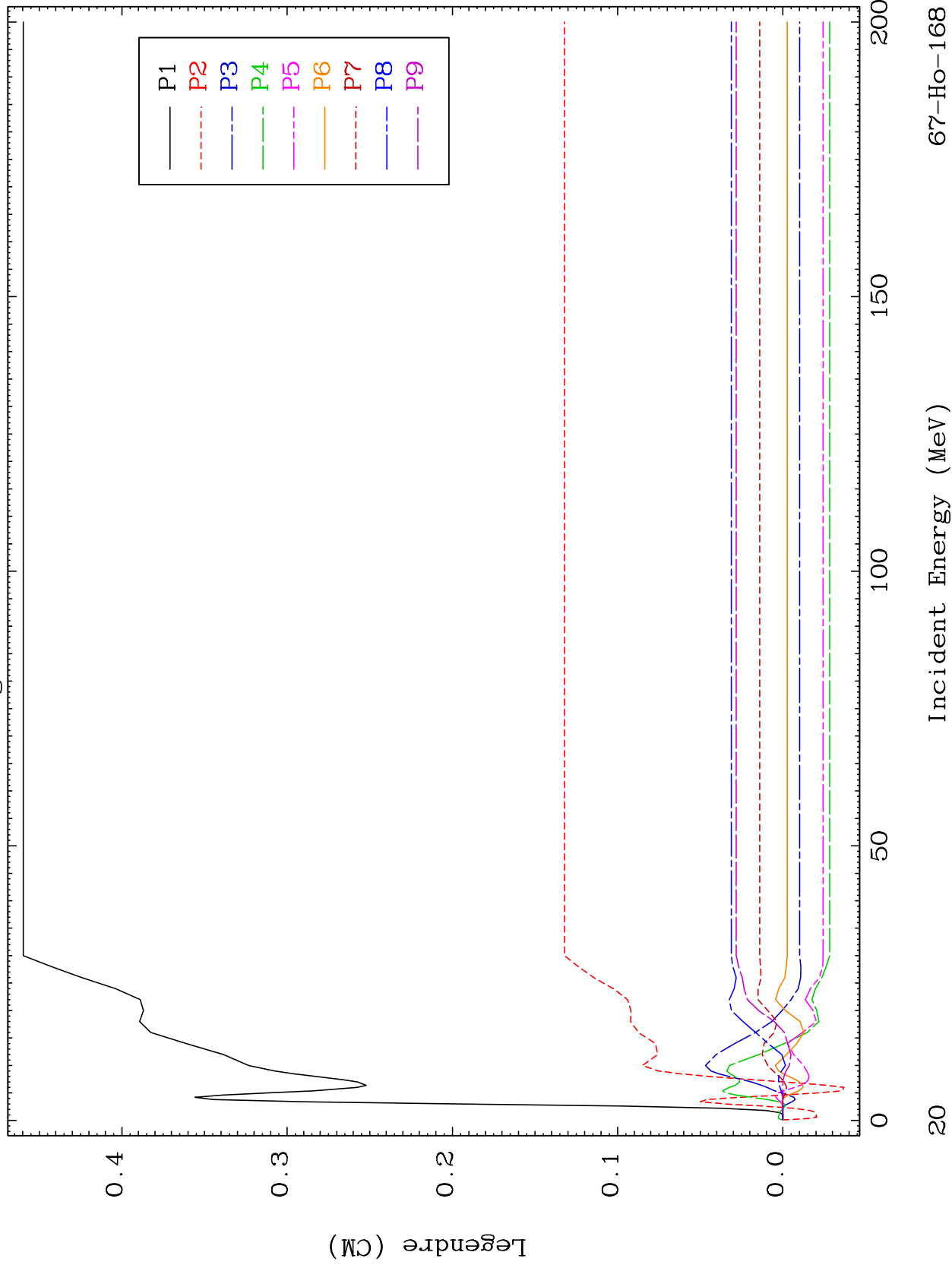
Incident Energy (MeV)

67-Ho-168

MAT 6734

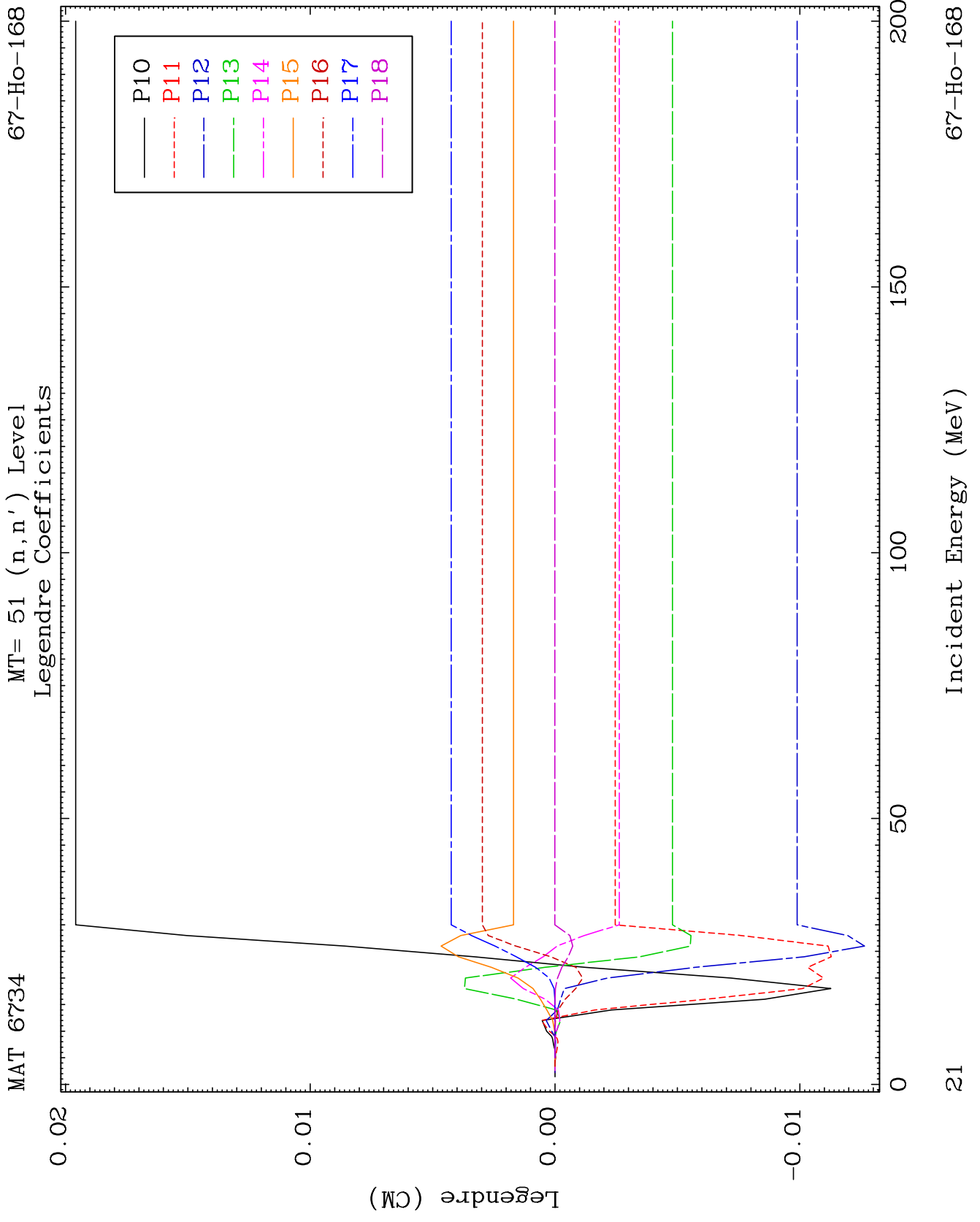
MT= 51 (n,n') Level
Legendre Coefficients

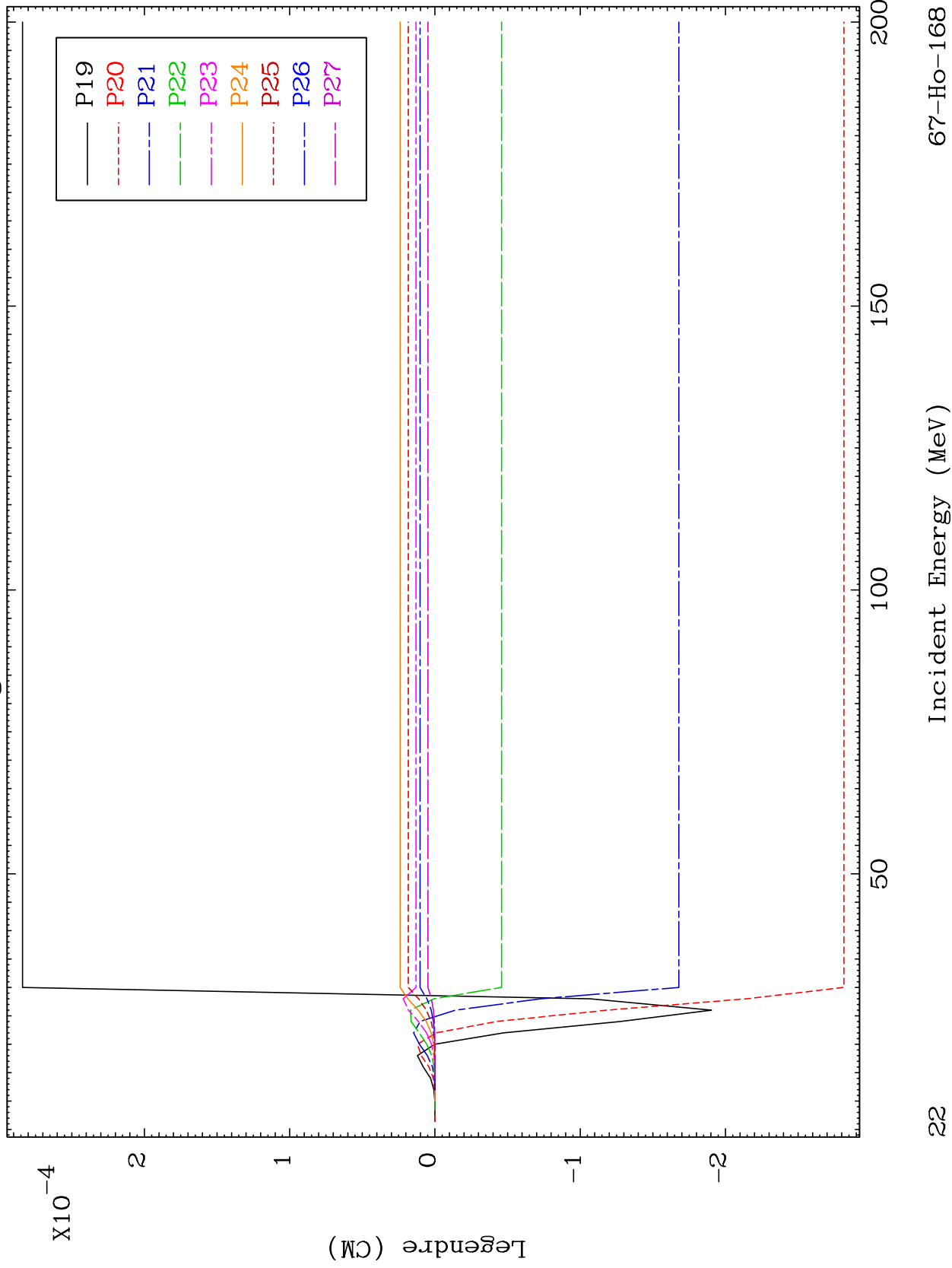
67-Ho-168



67-Ho-168

Incident Energy (MeV)

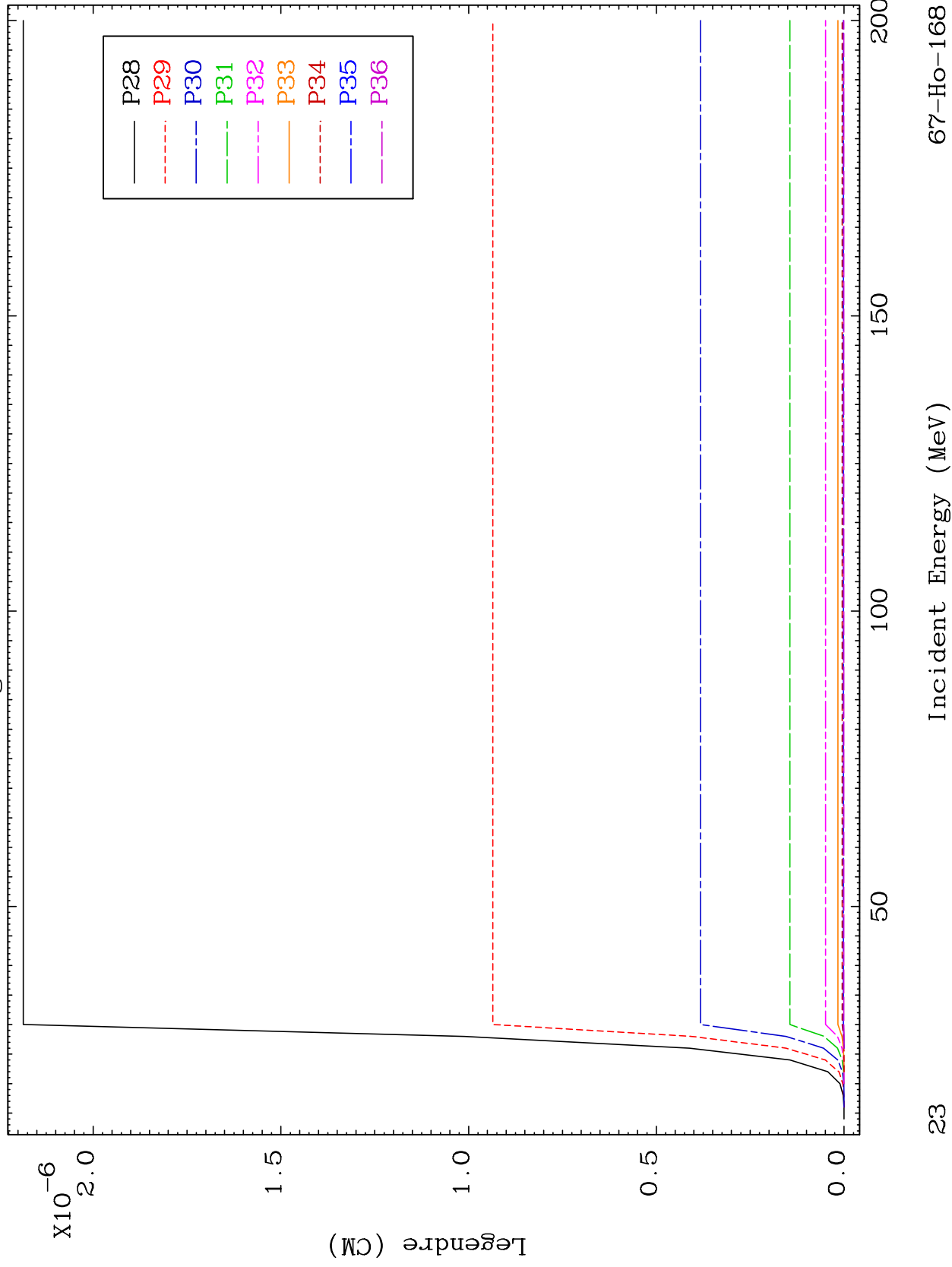




MAT 6734

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

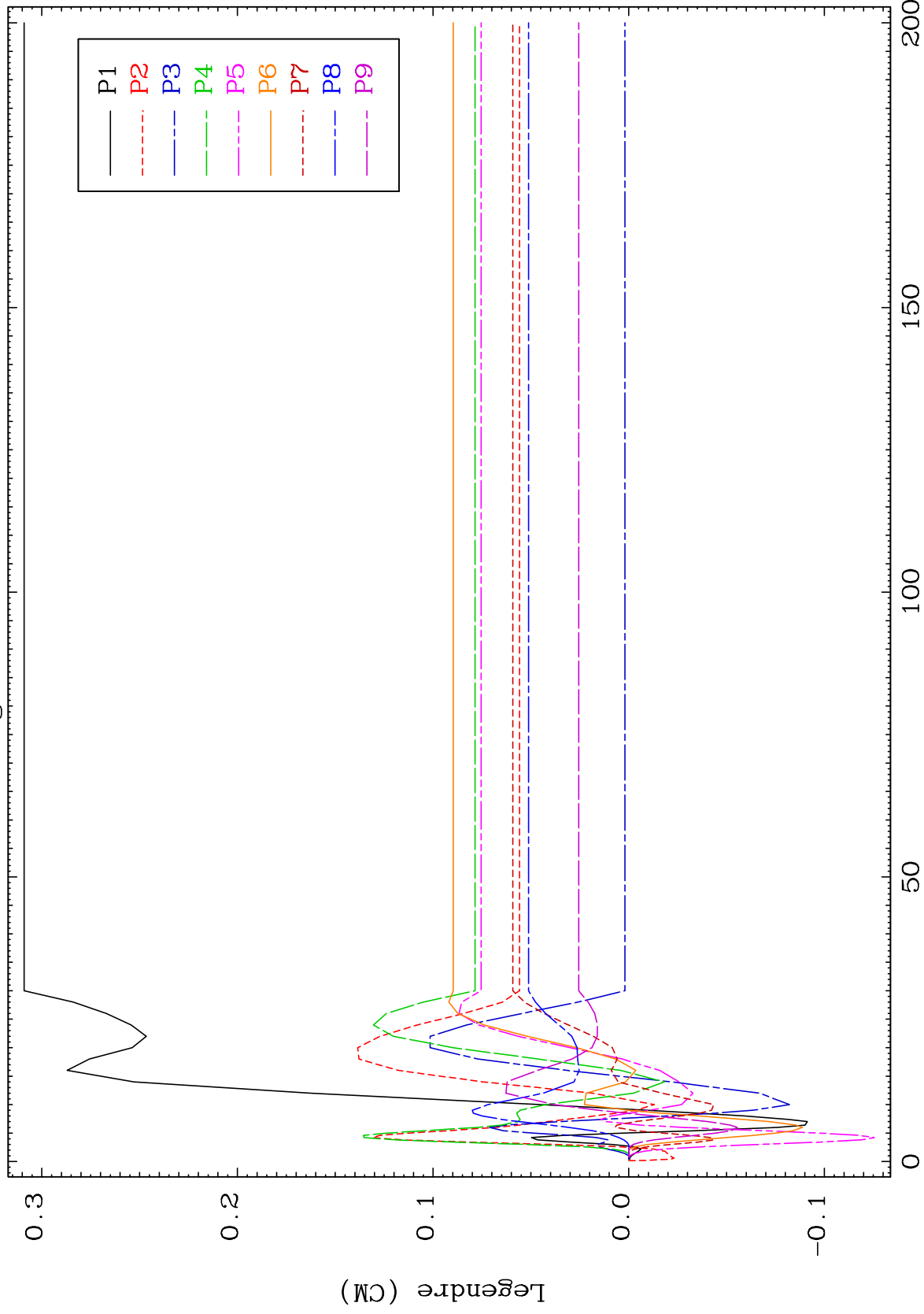
67-Ho-168



MAT 6734

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

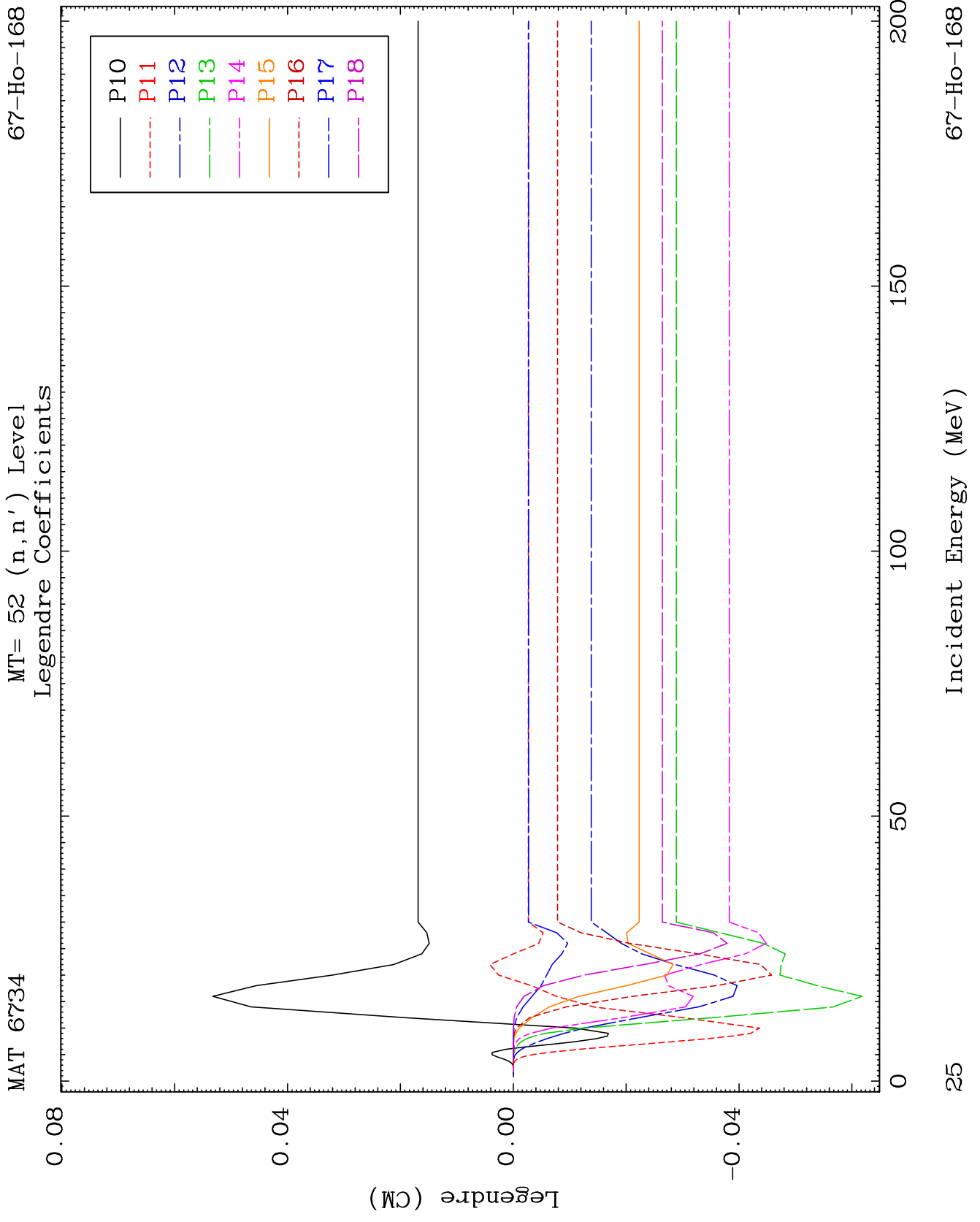
67-Ho-168



24

Incident Energy (MeV)

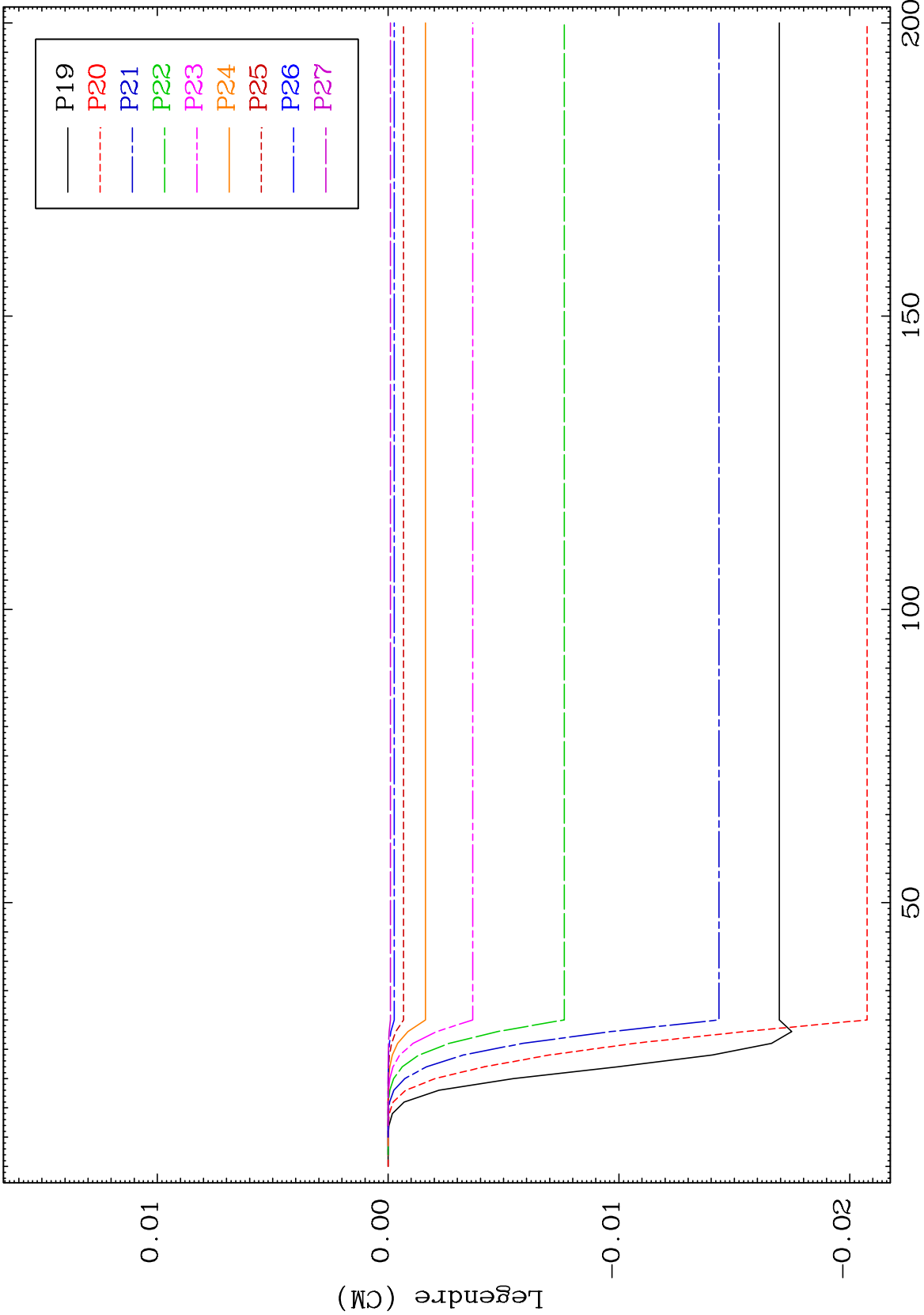
67-Ho-168



MAT 6734

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

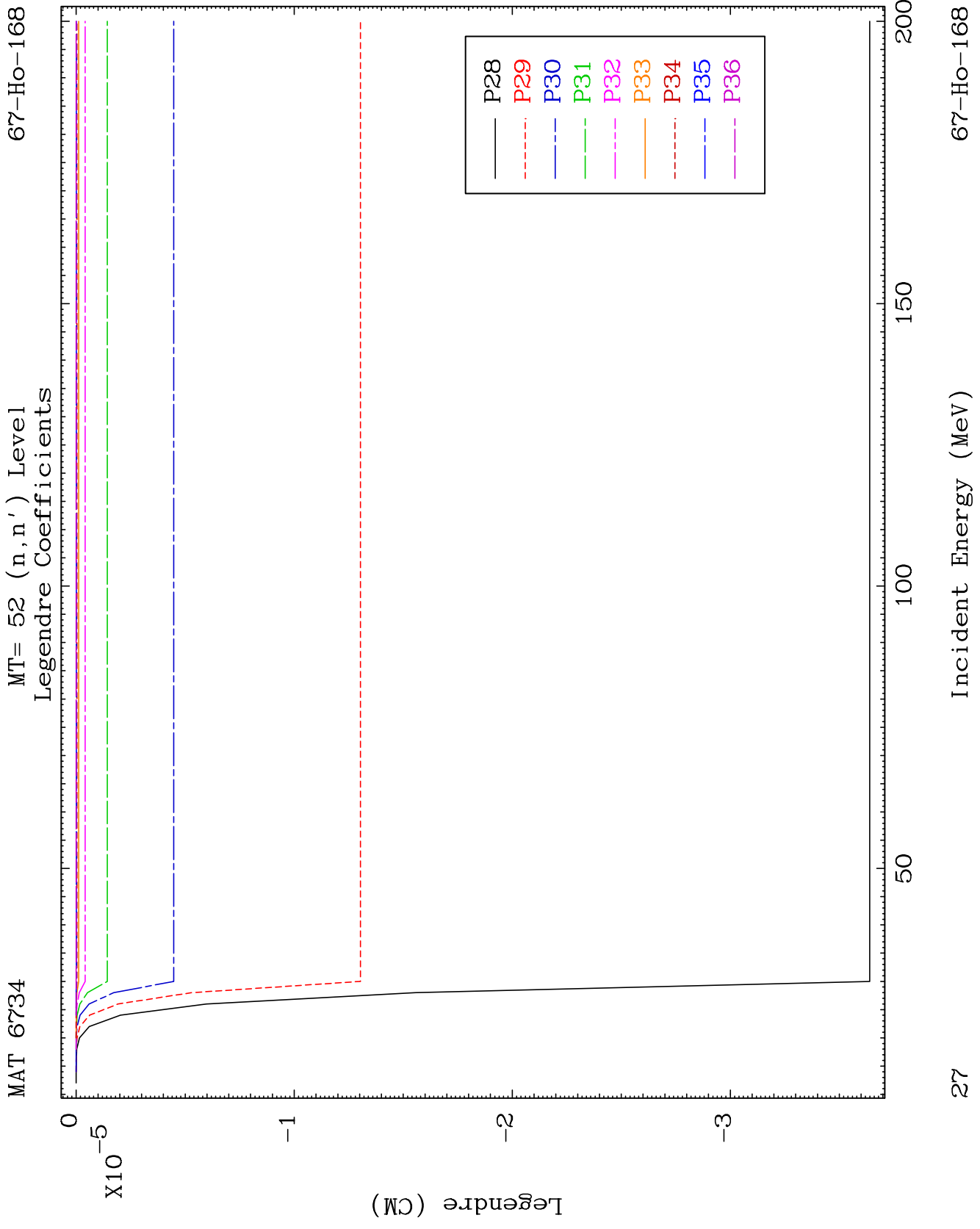
67-Ho-168



26

Incident Energy (MeV)

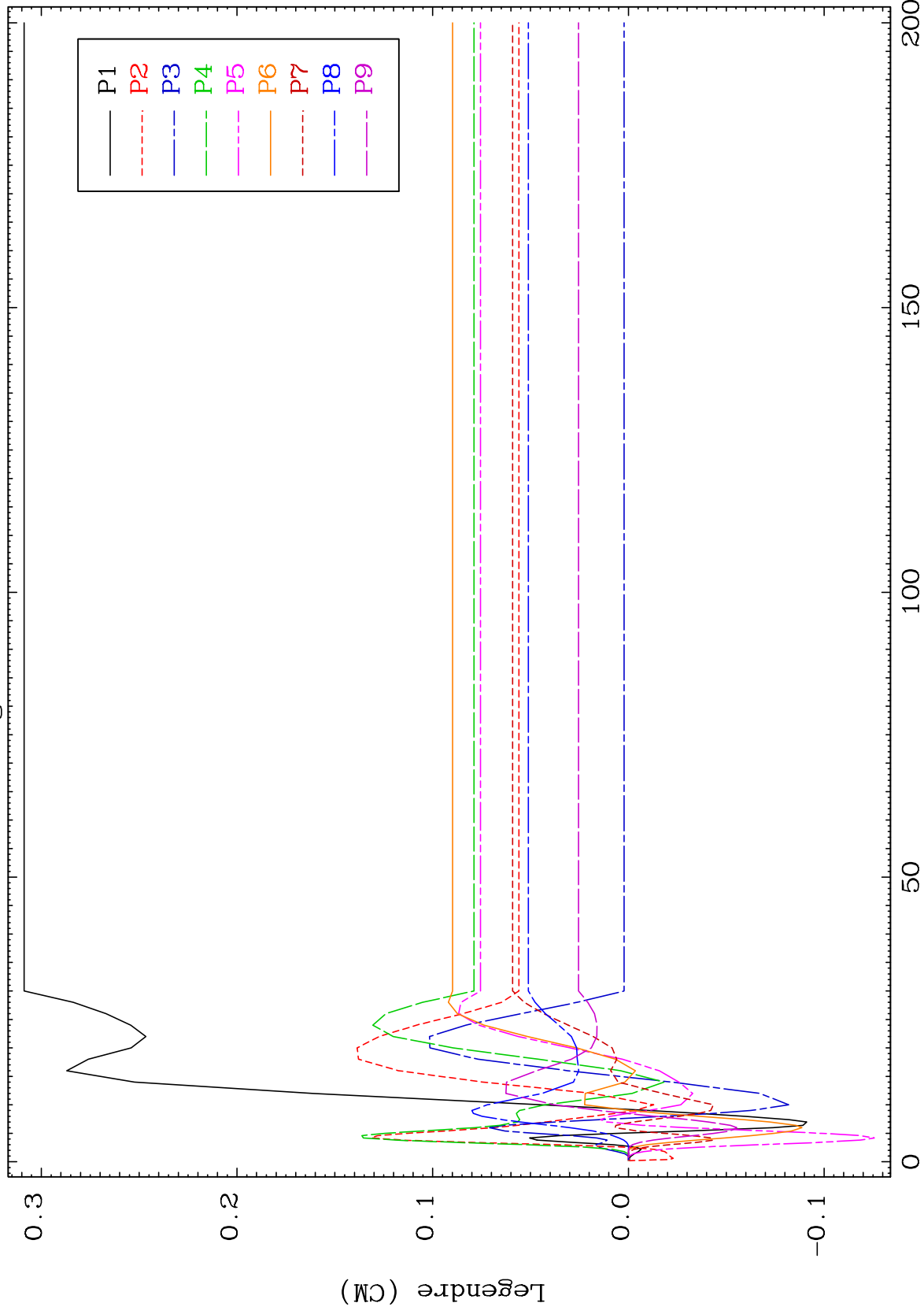
67-Ho-168



MAT 6734

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

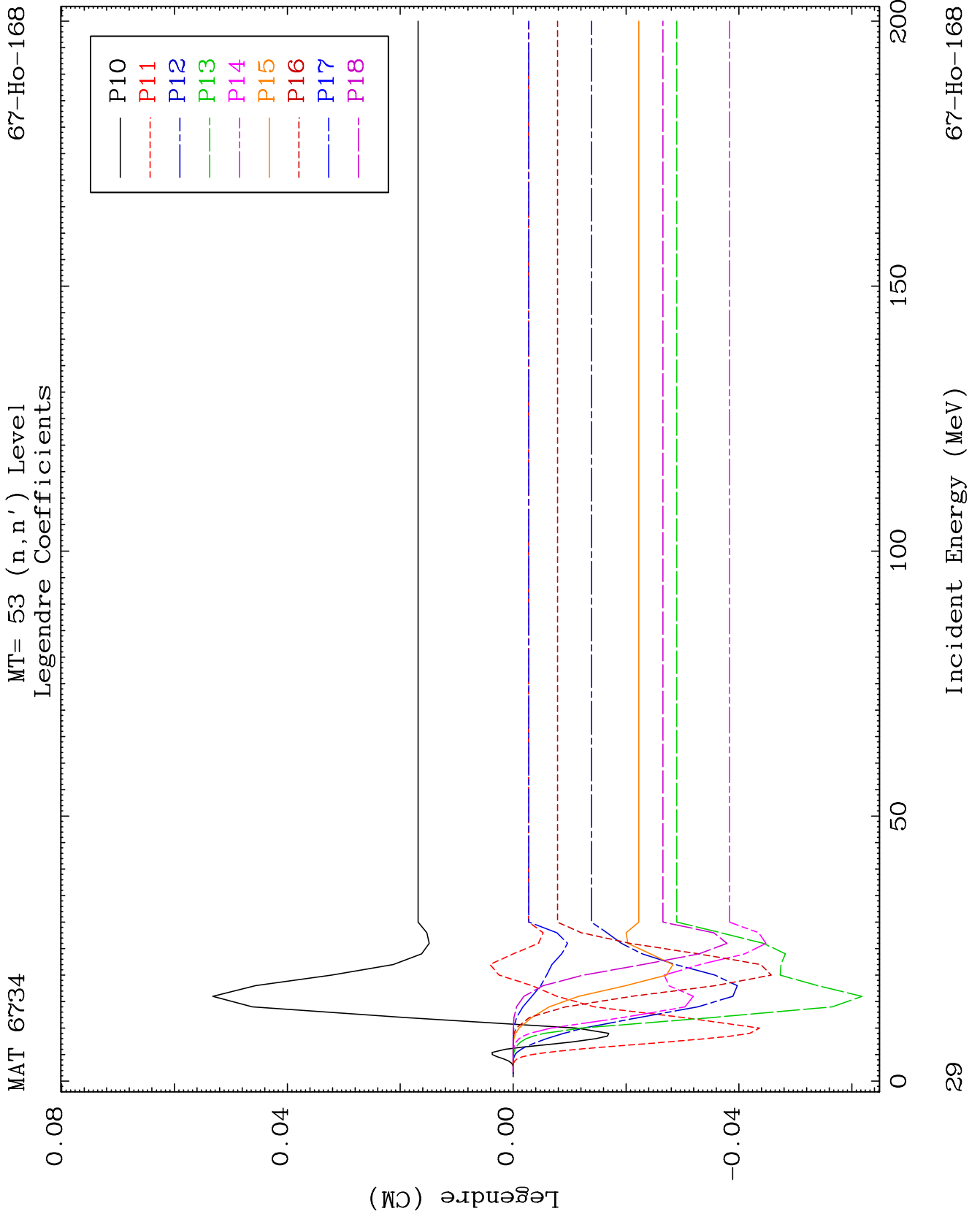
67-Ho-168



28

Incident Energy (MeV)

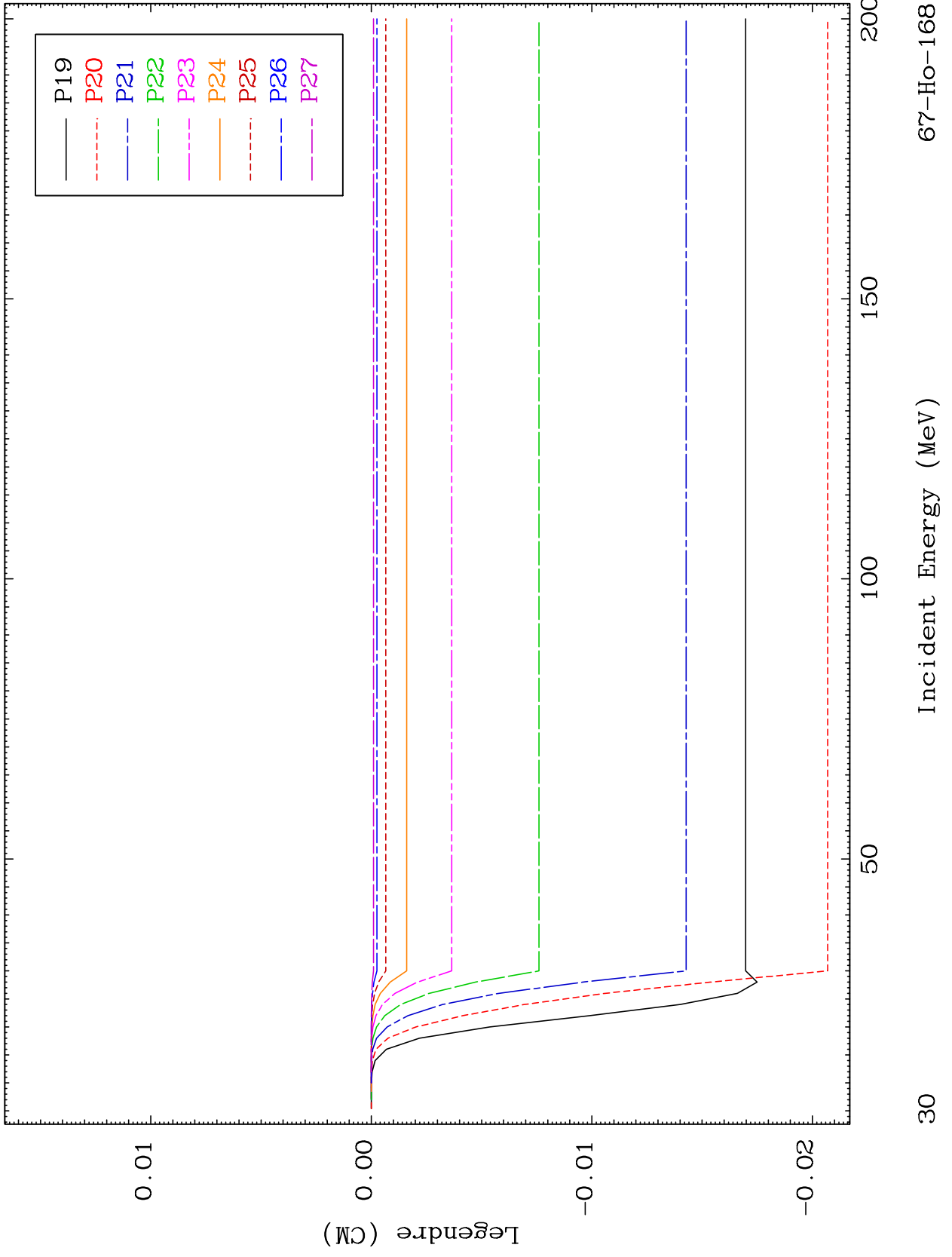
67-Ho-168



MAT 6734

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

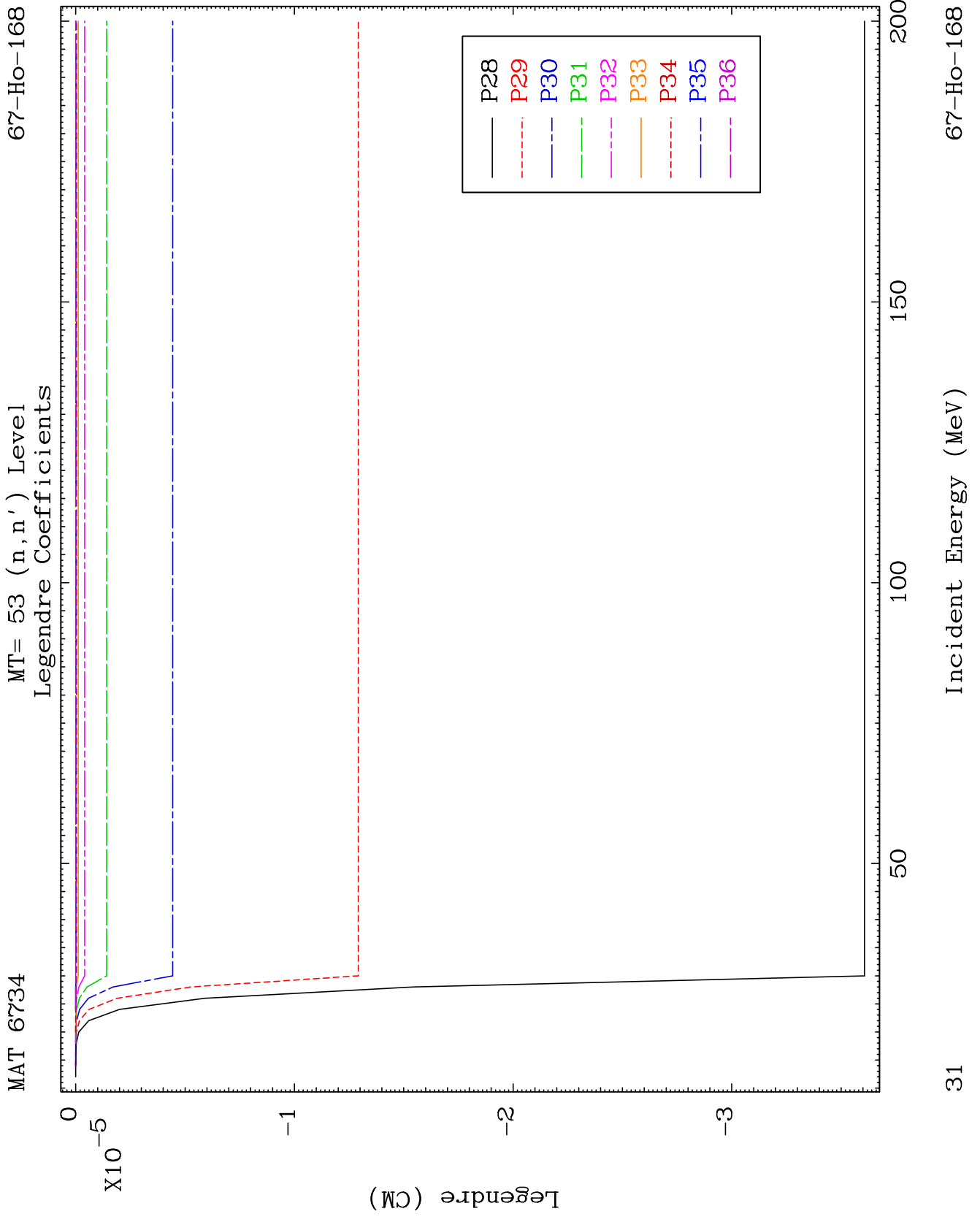
67-Ho-168



30

Incident Energy (MeV)

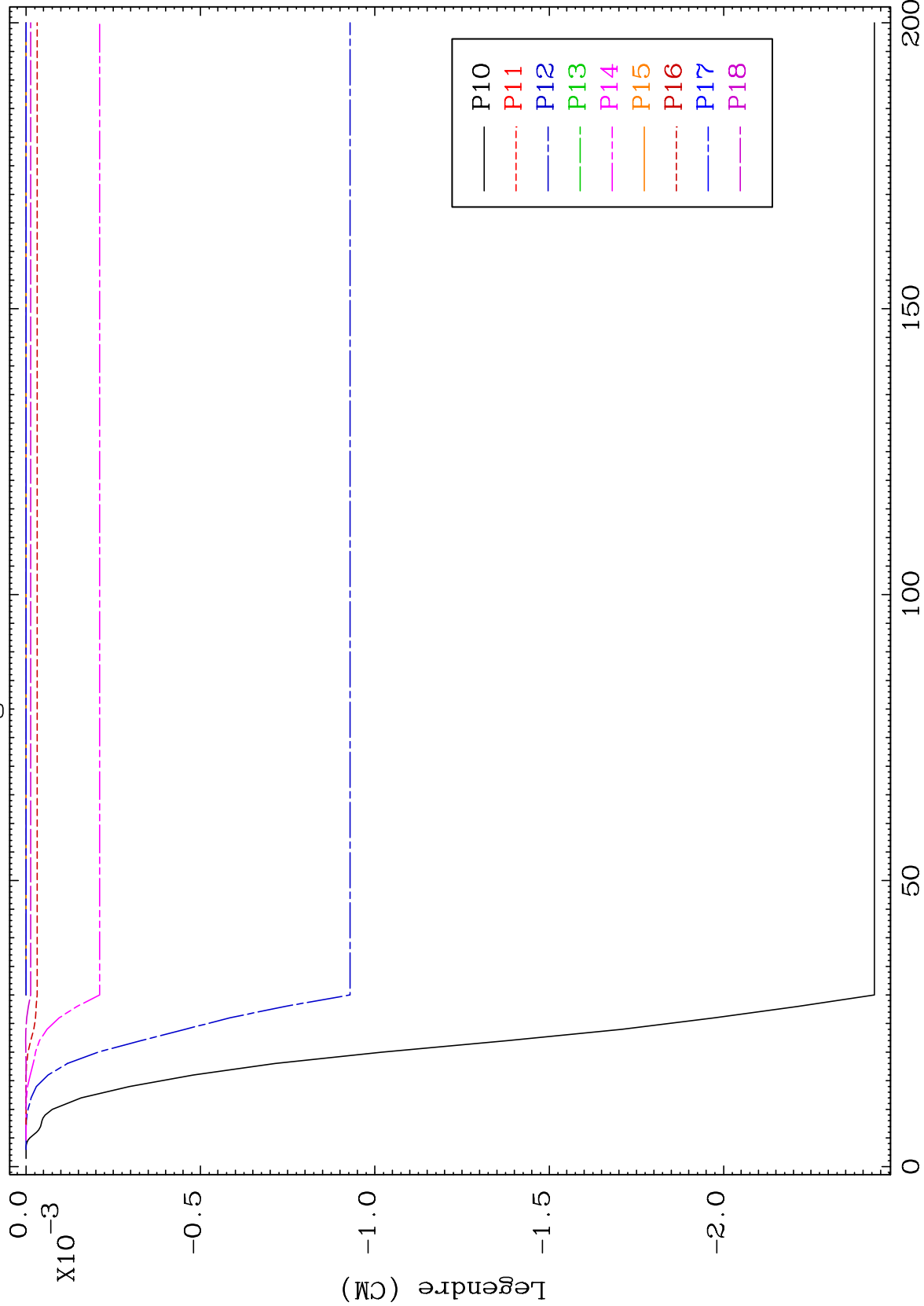
67-Ho-168



MAT 6734

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

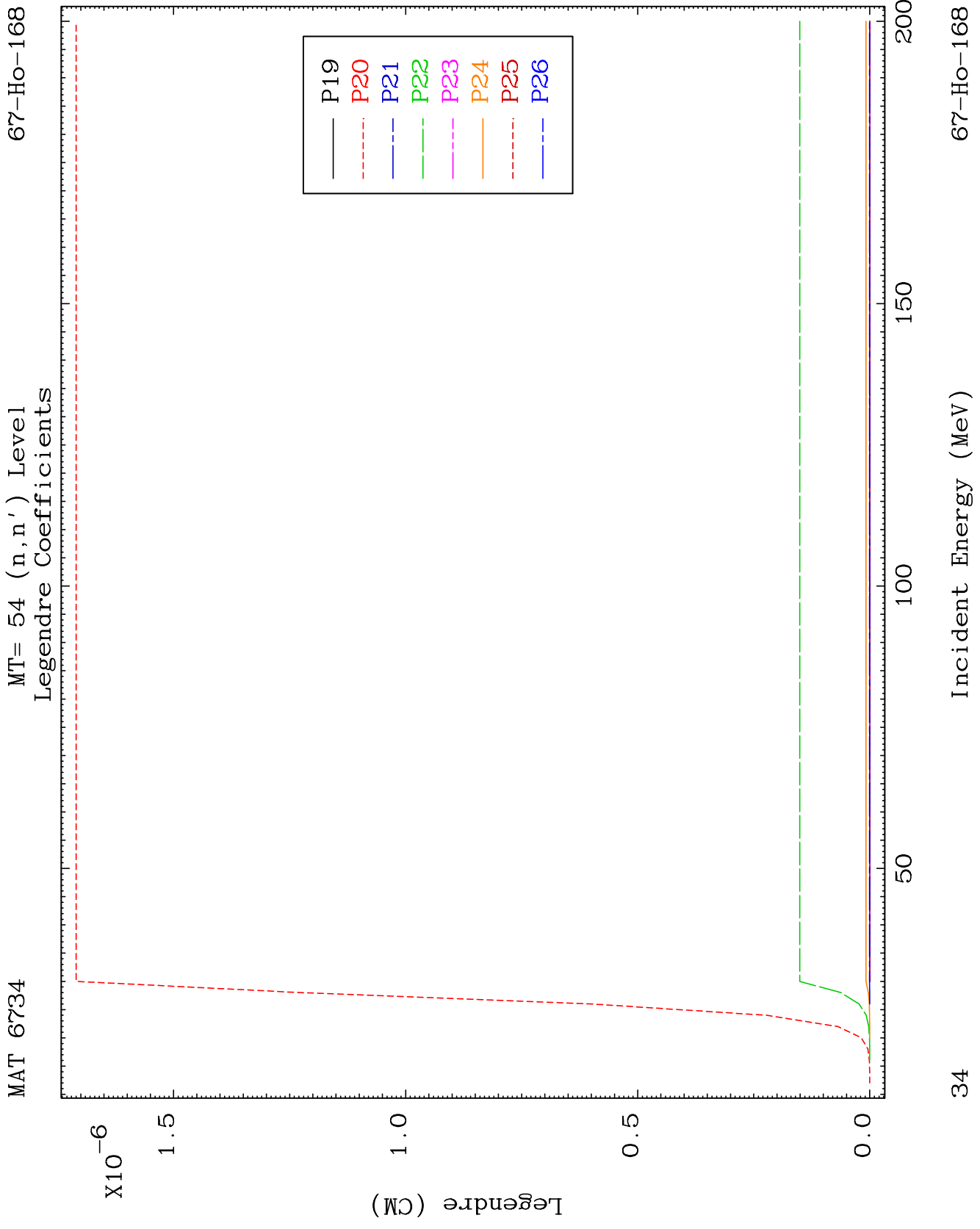
67-Ho-168

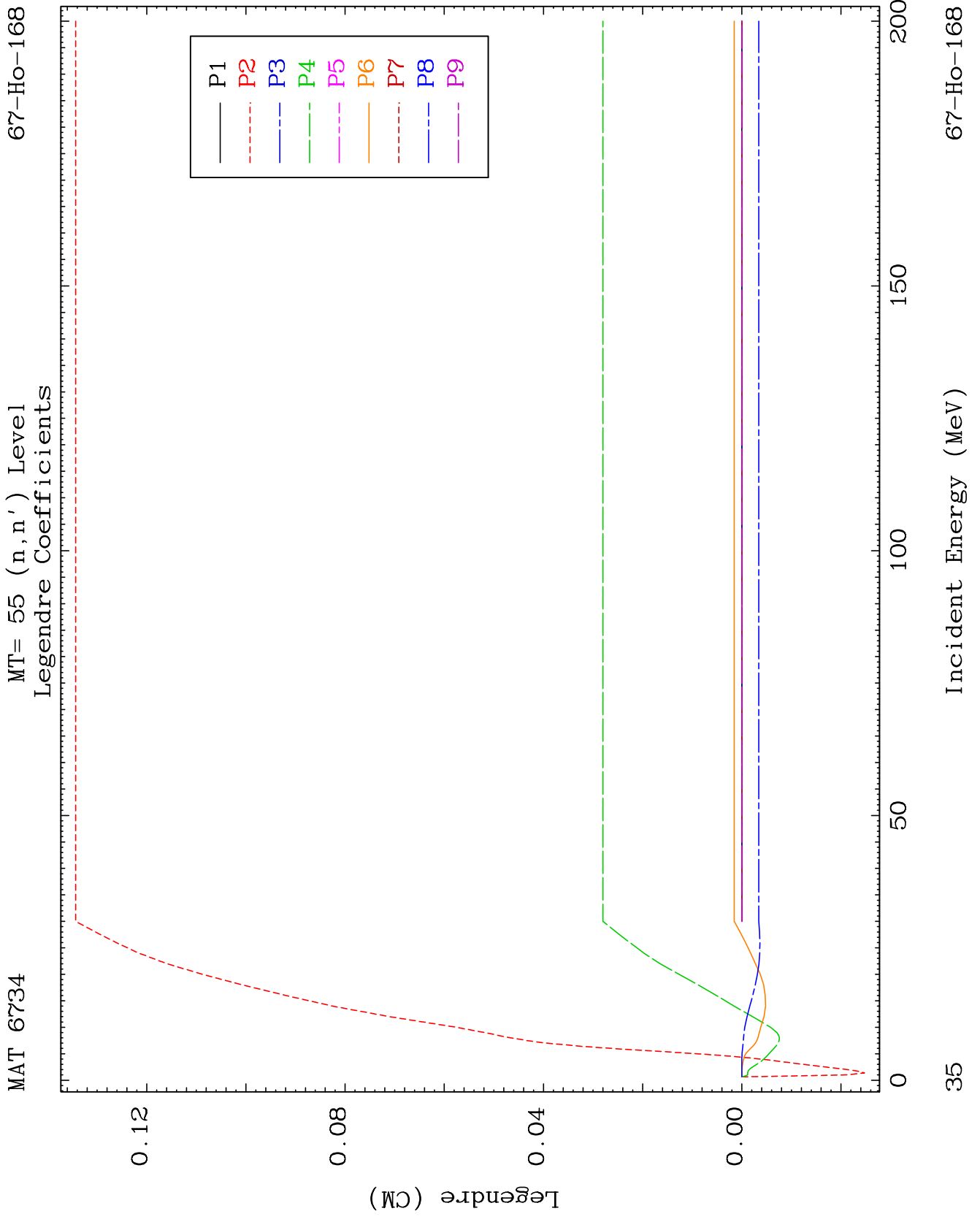


33

Incident Energy (MeV)

67-Ho-168

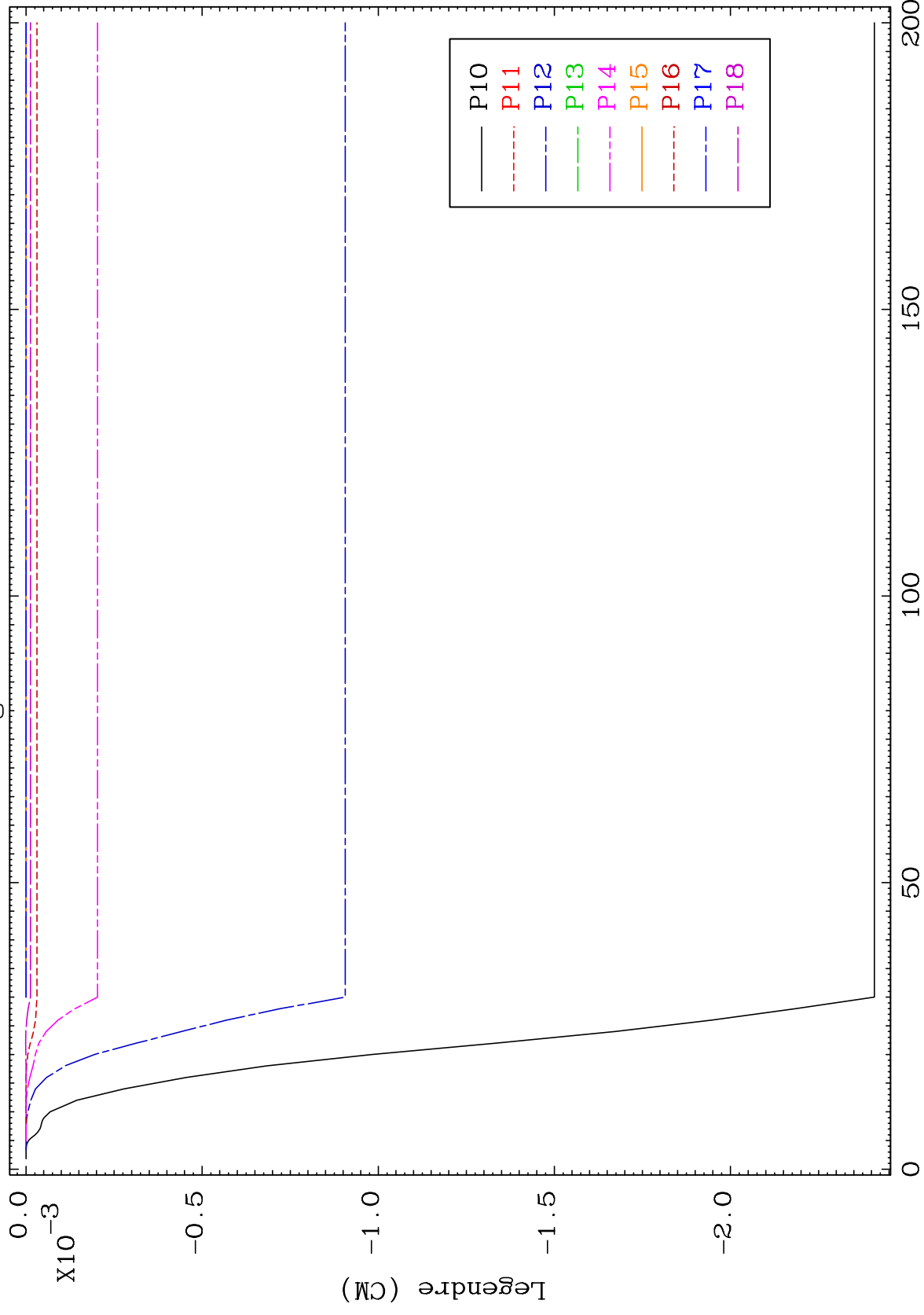




MAT 6734

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

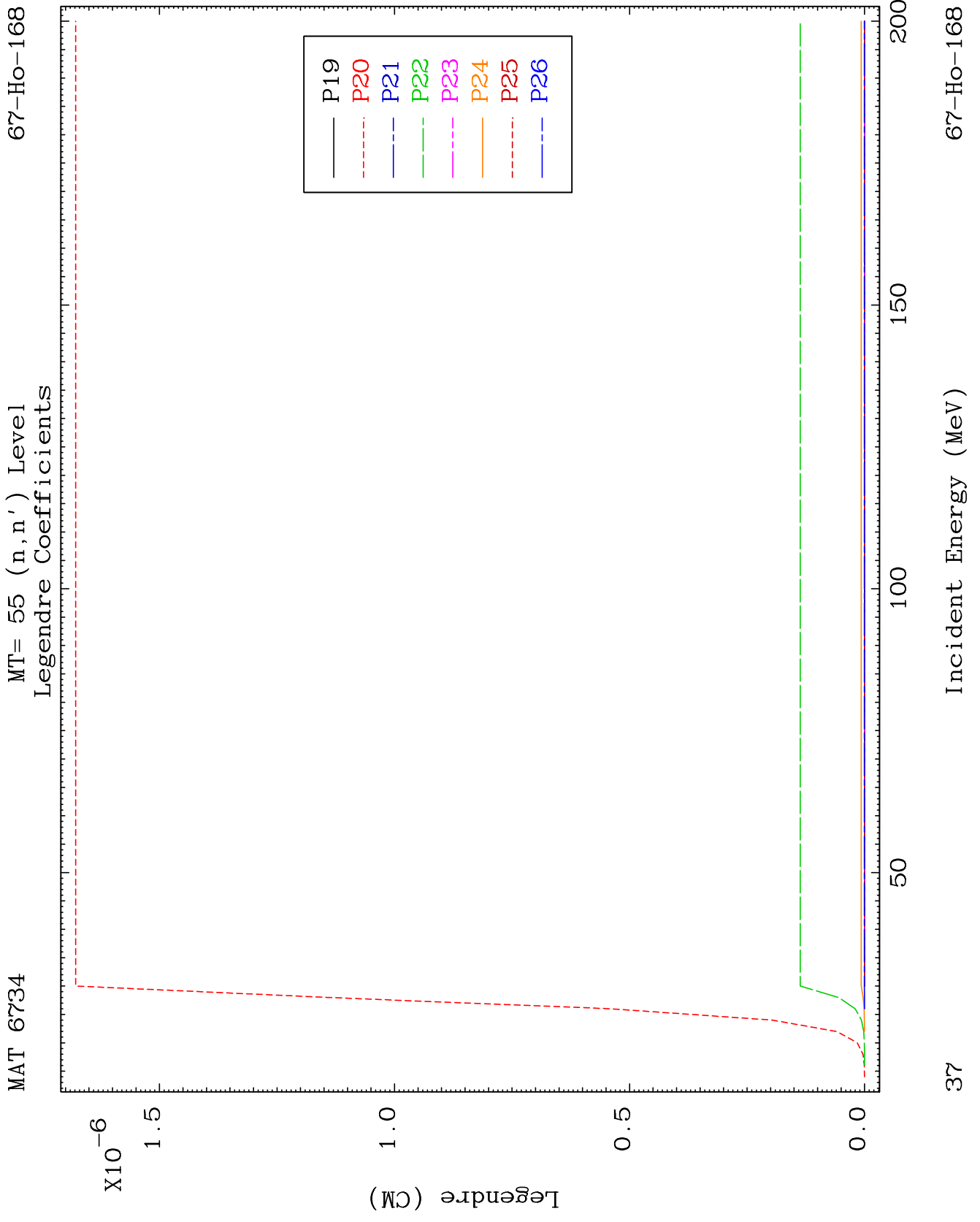
67-Ho-168

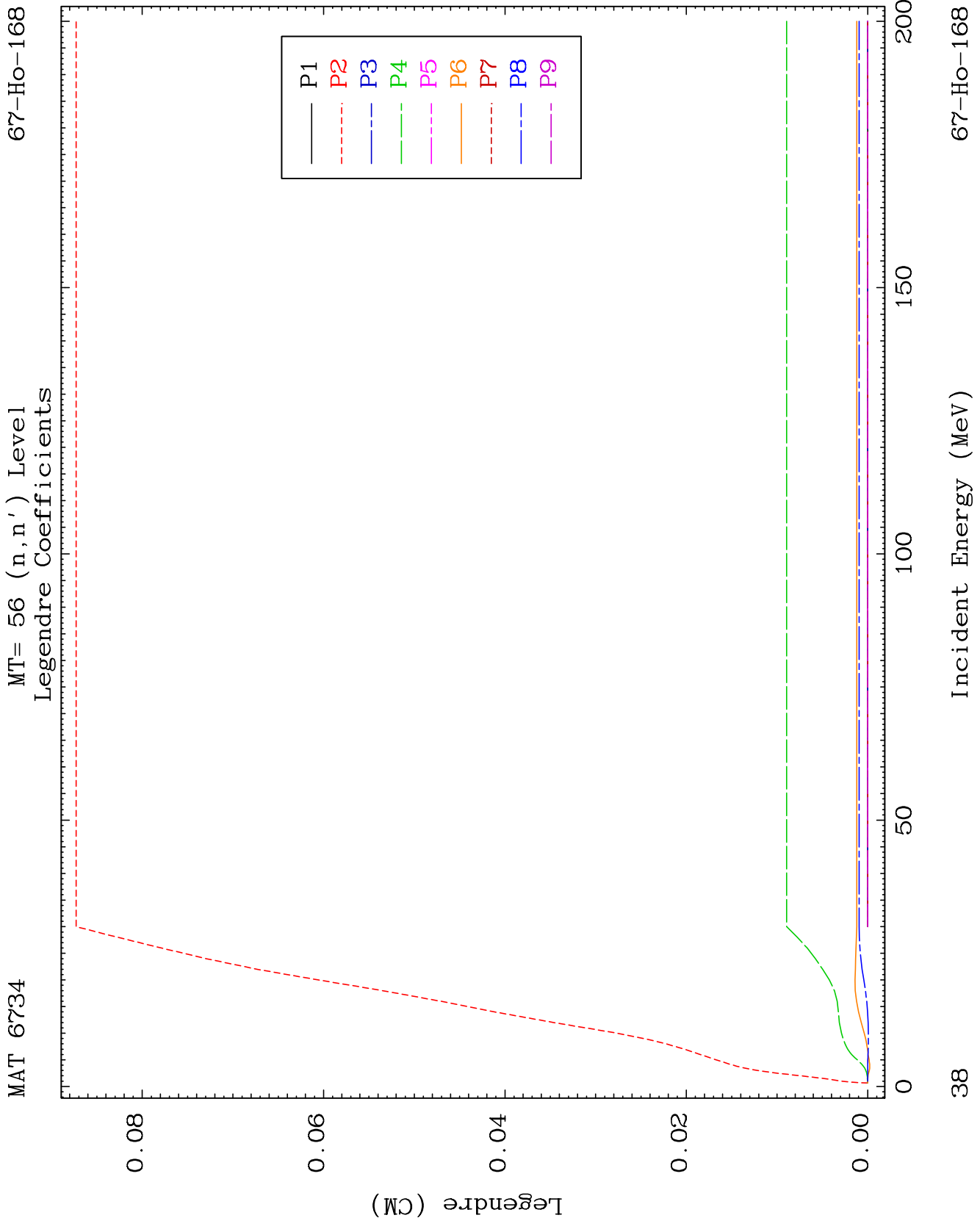


36

Incident Energy (MeV)

67-Ho-168

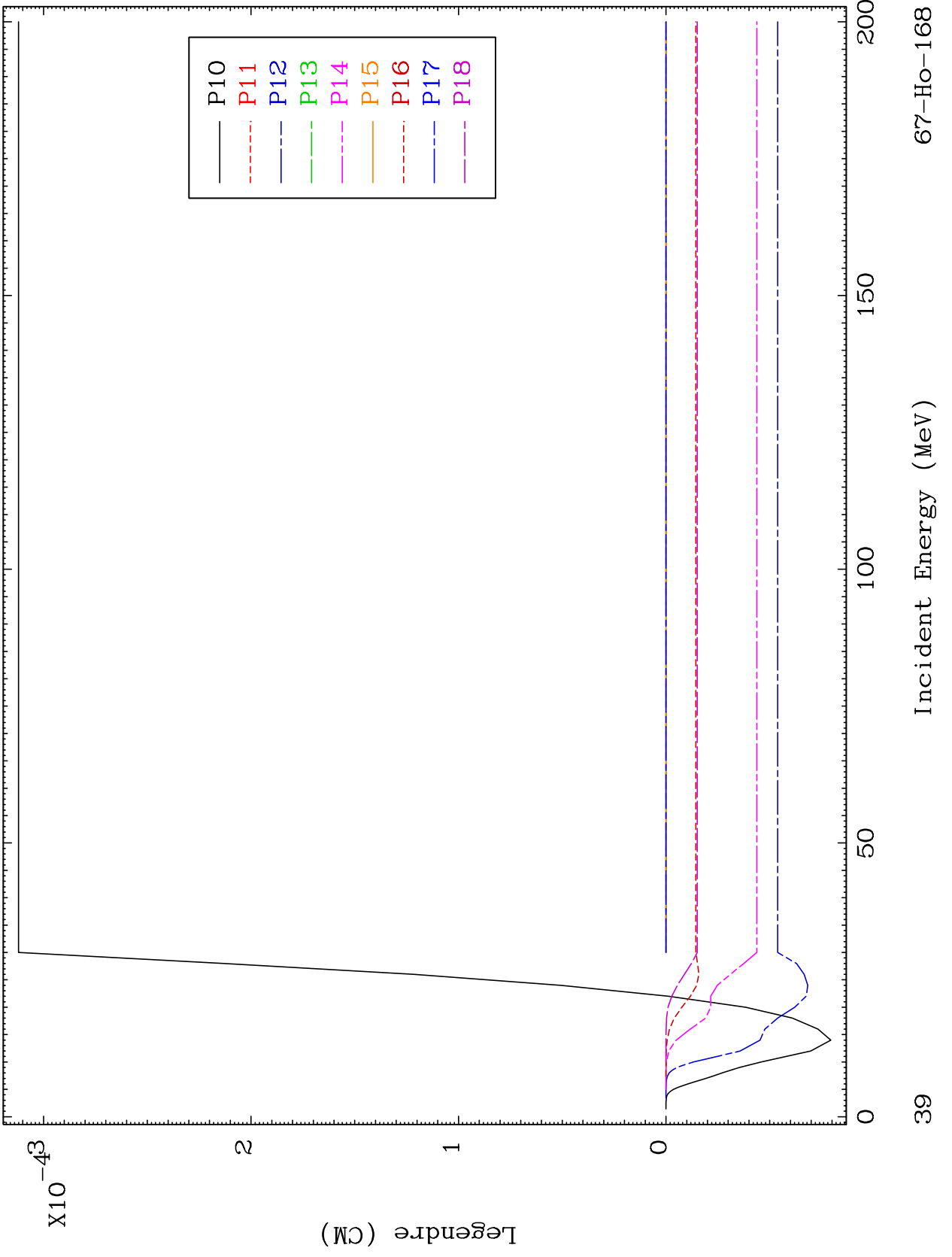




MAT 6734

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

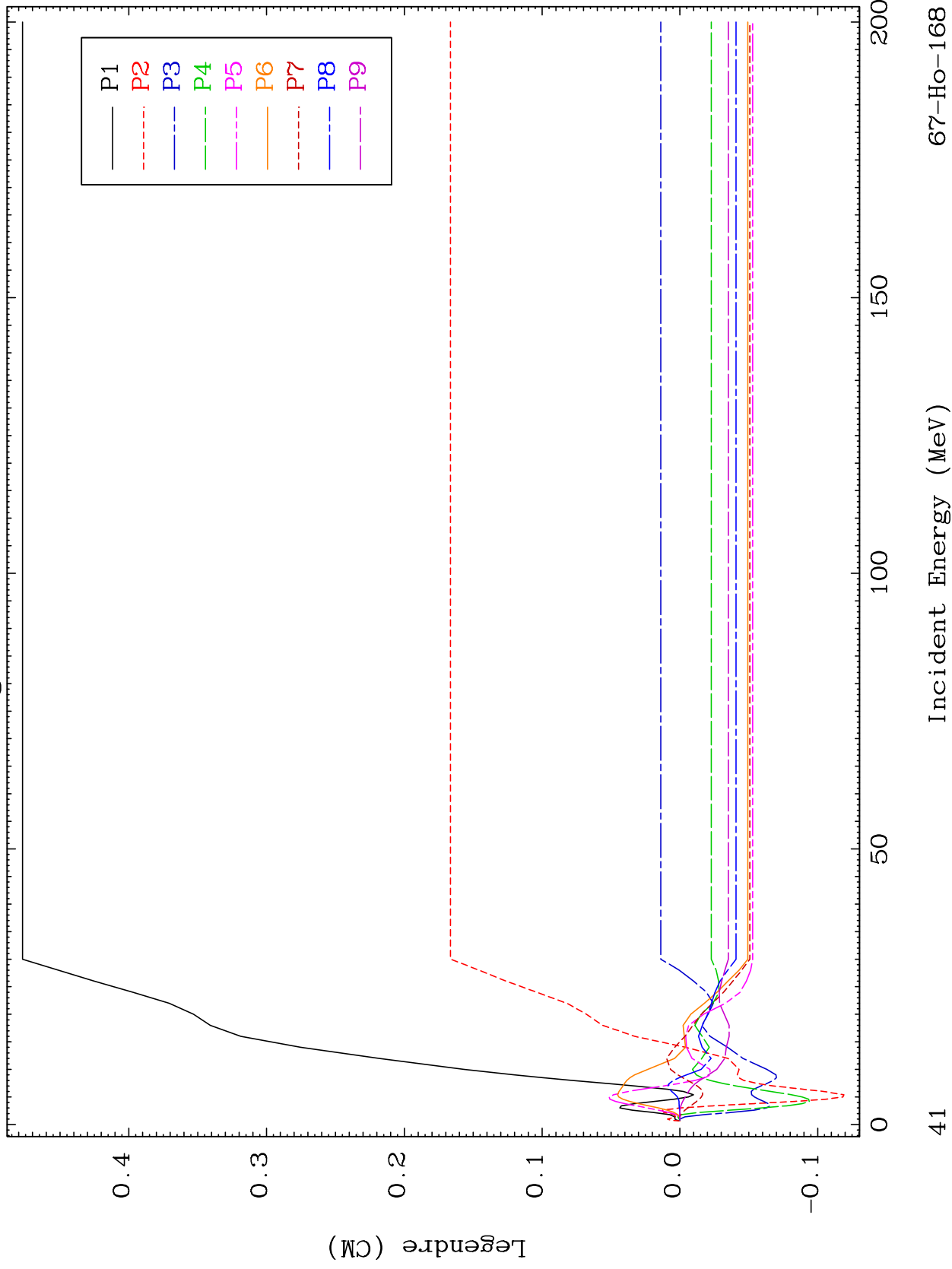
67-Ho-168



MAT 6734

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

67-Ho-168



67-Ho-168

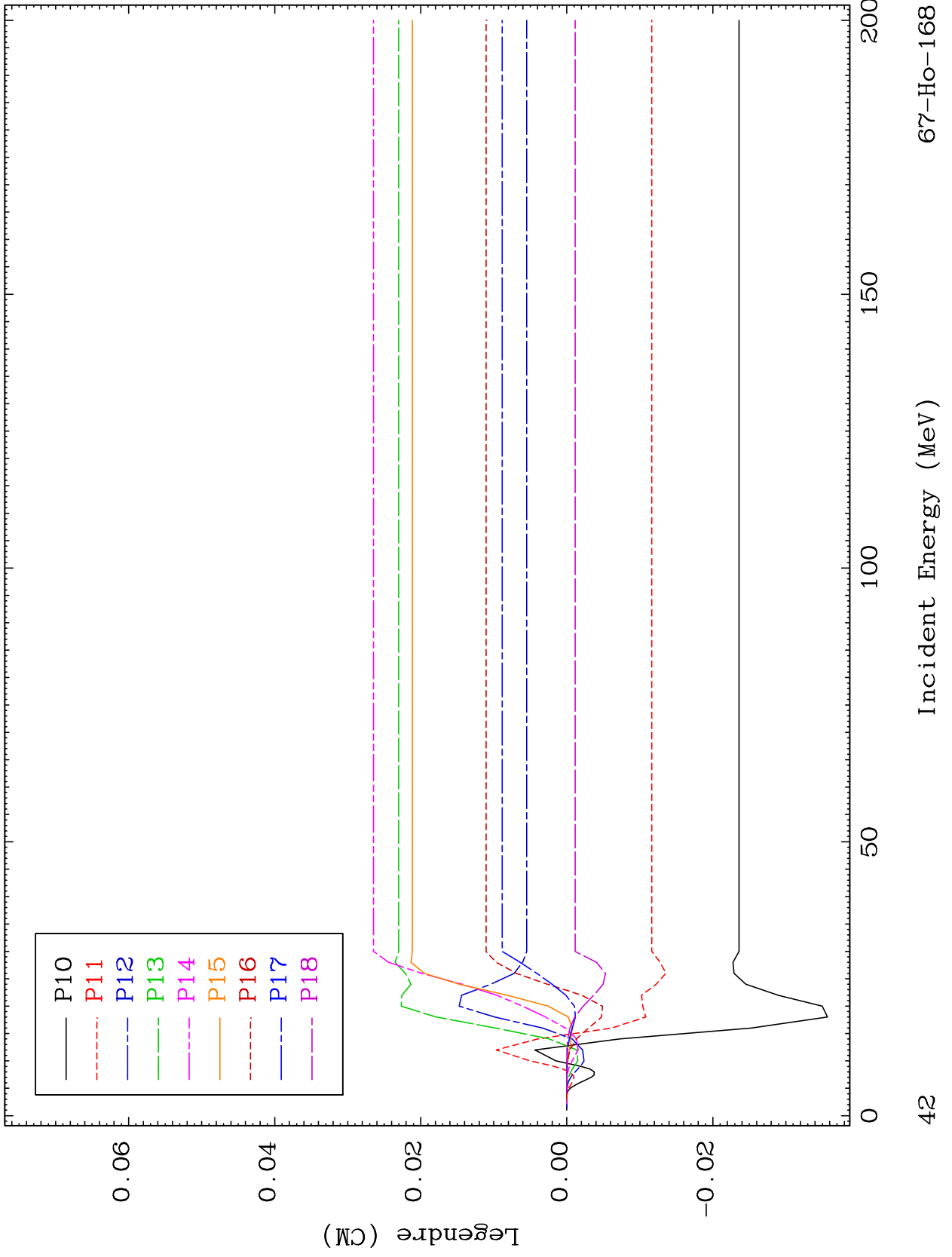
Incident Energy (MeV)

41

MAT 6734

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

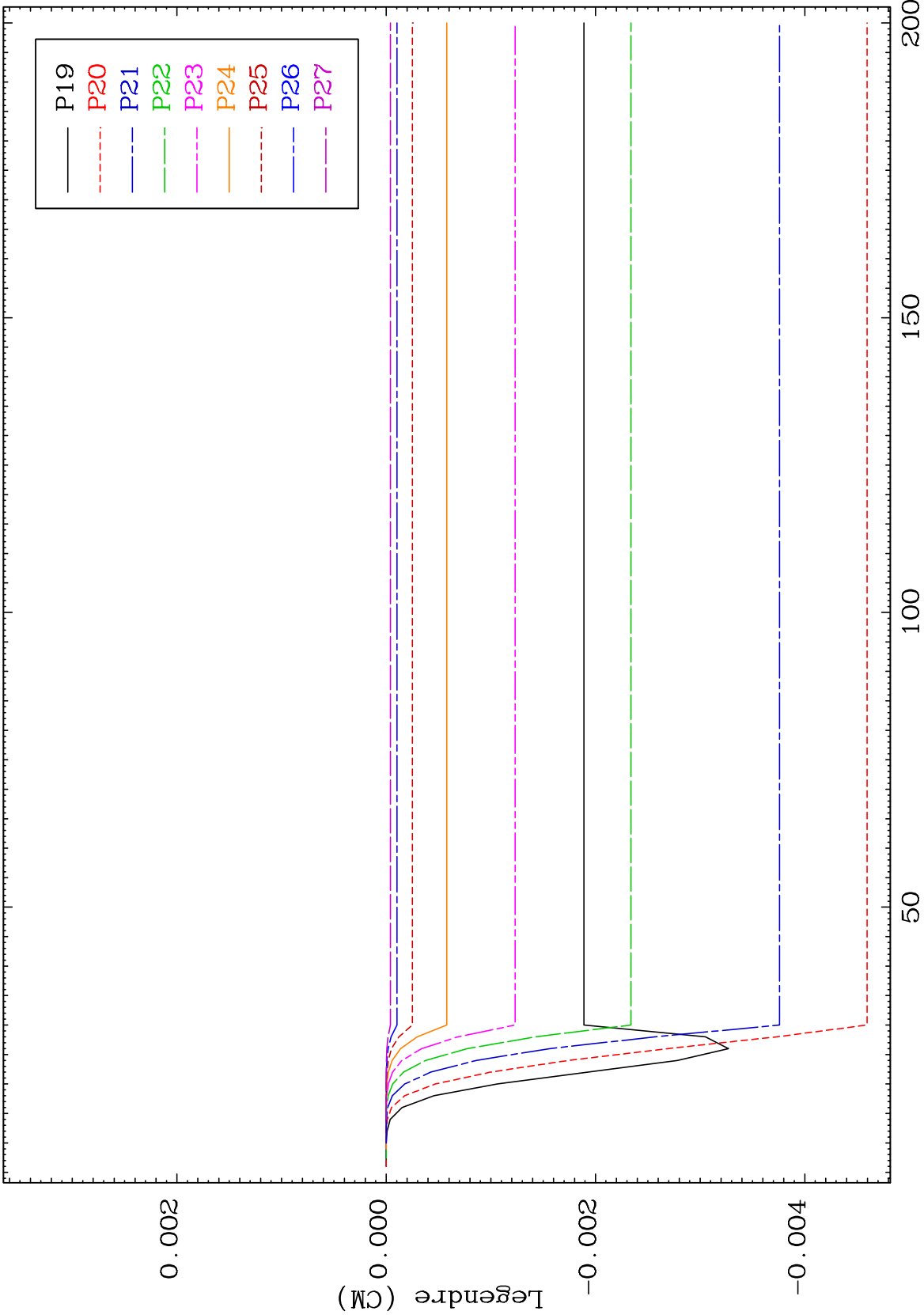
67-Ho-168



MAT 6734

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

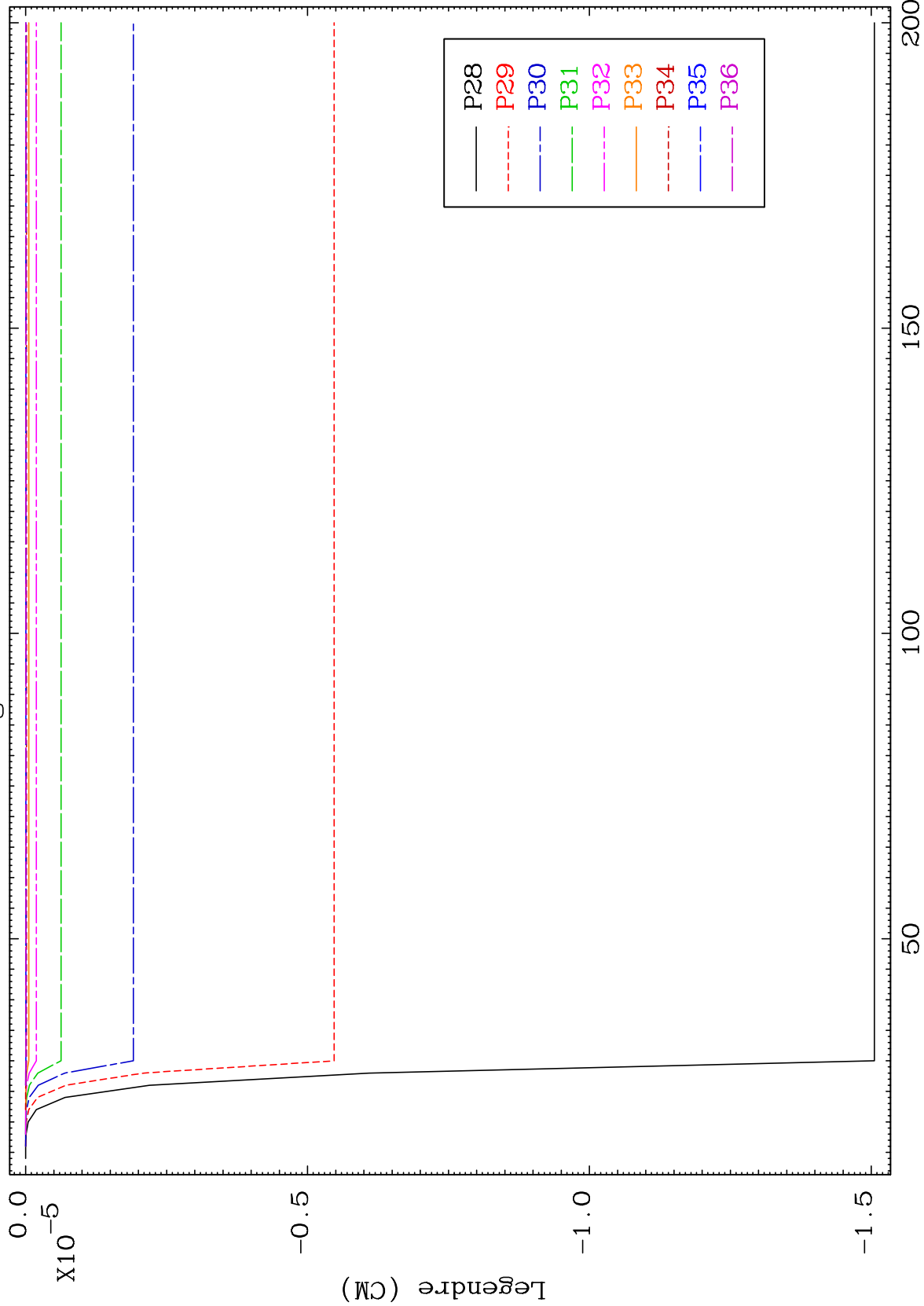
67-Ho-168



MAT 6734

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

67-Ho-168



44

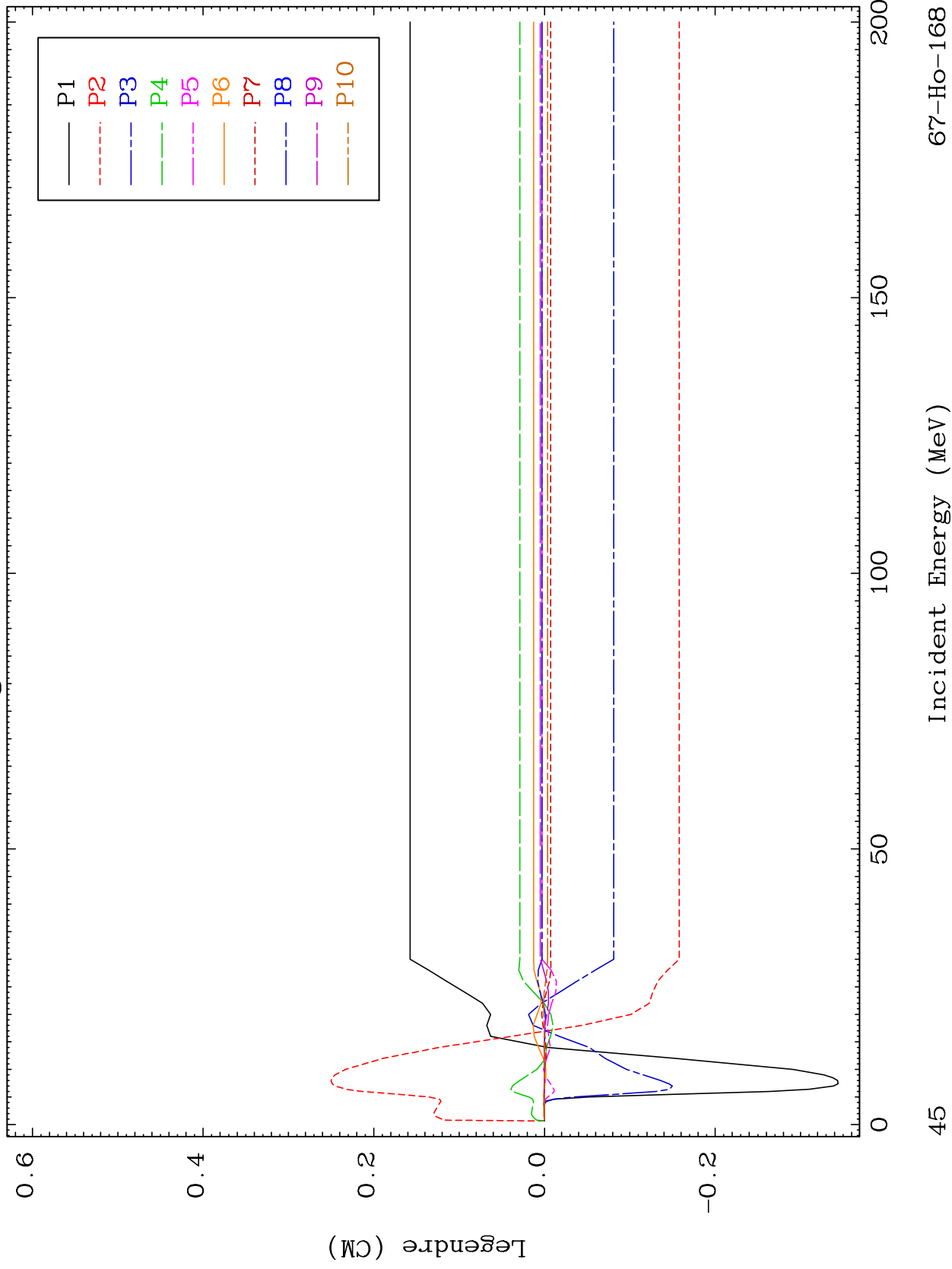
Incident Energy (MeV)

67-Ho-168

MAT 6734

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

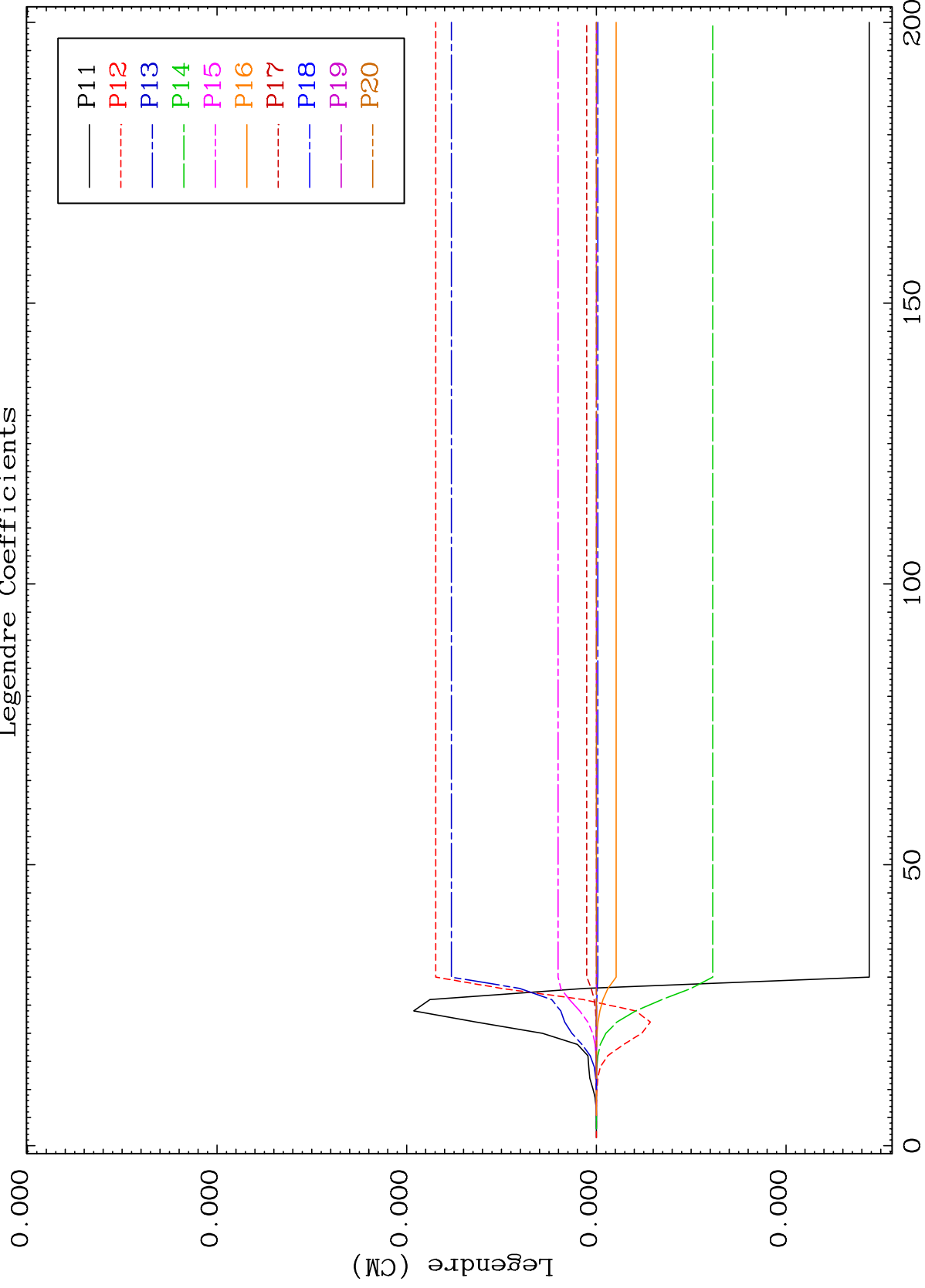
67-Ho-168



MAT 6734

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

67-Ho-168



46

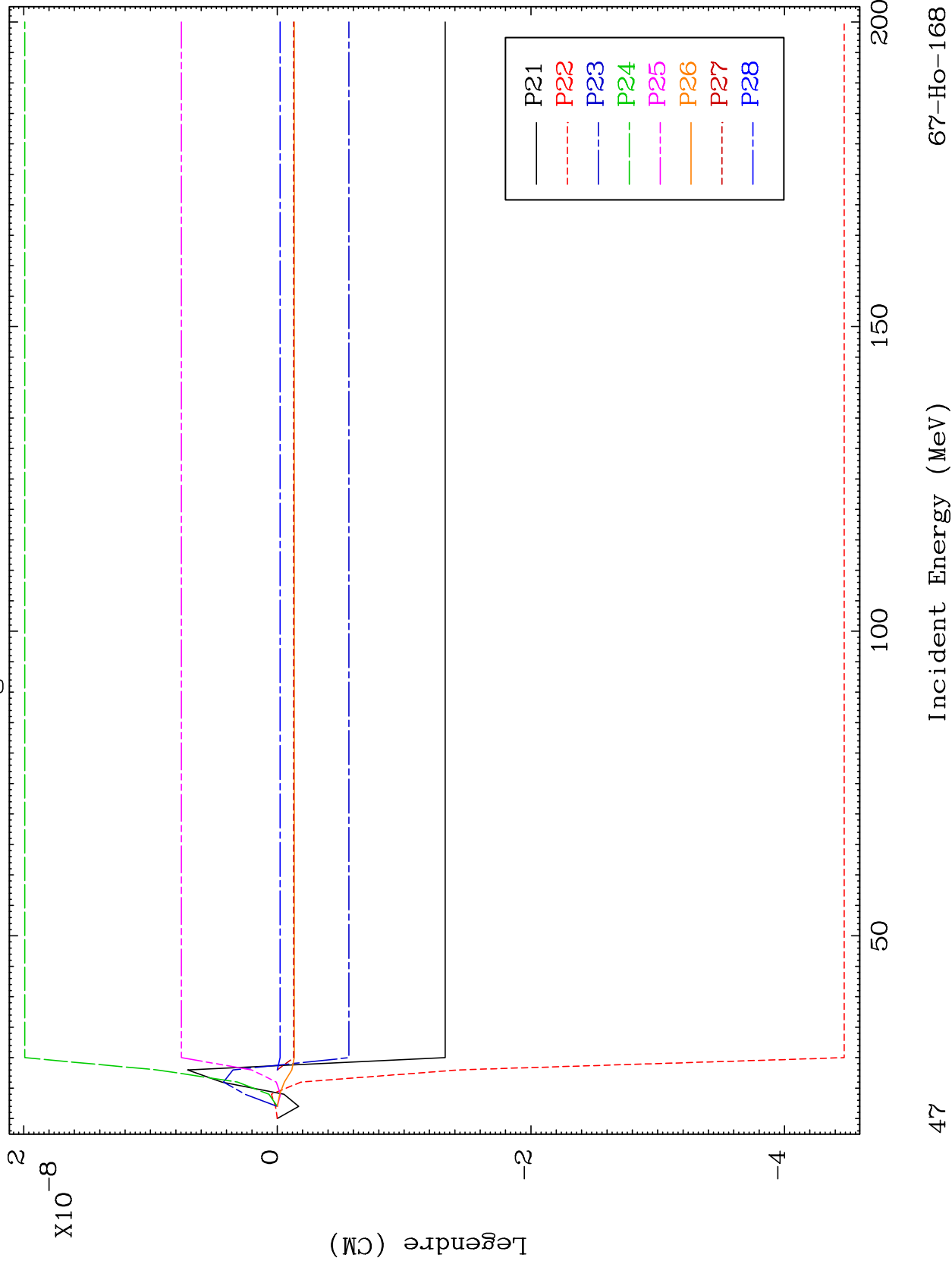
Incident Energy (MeV)

67-Ho-168

MAT 6734

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

67-Ho-168

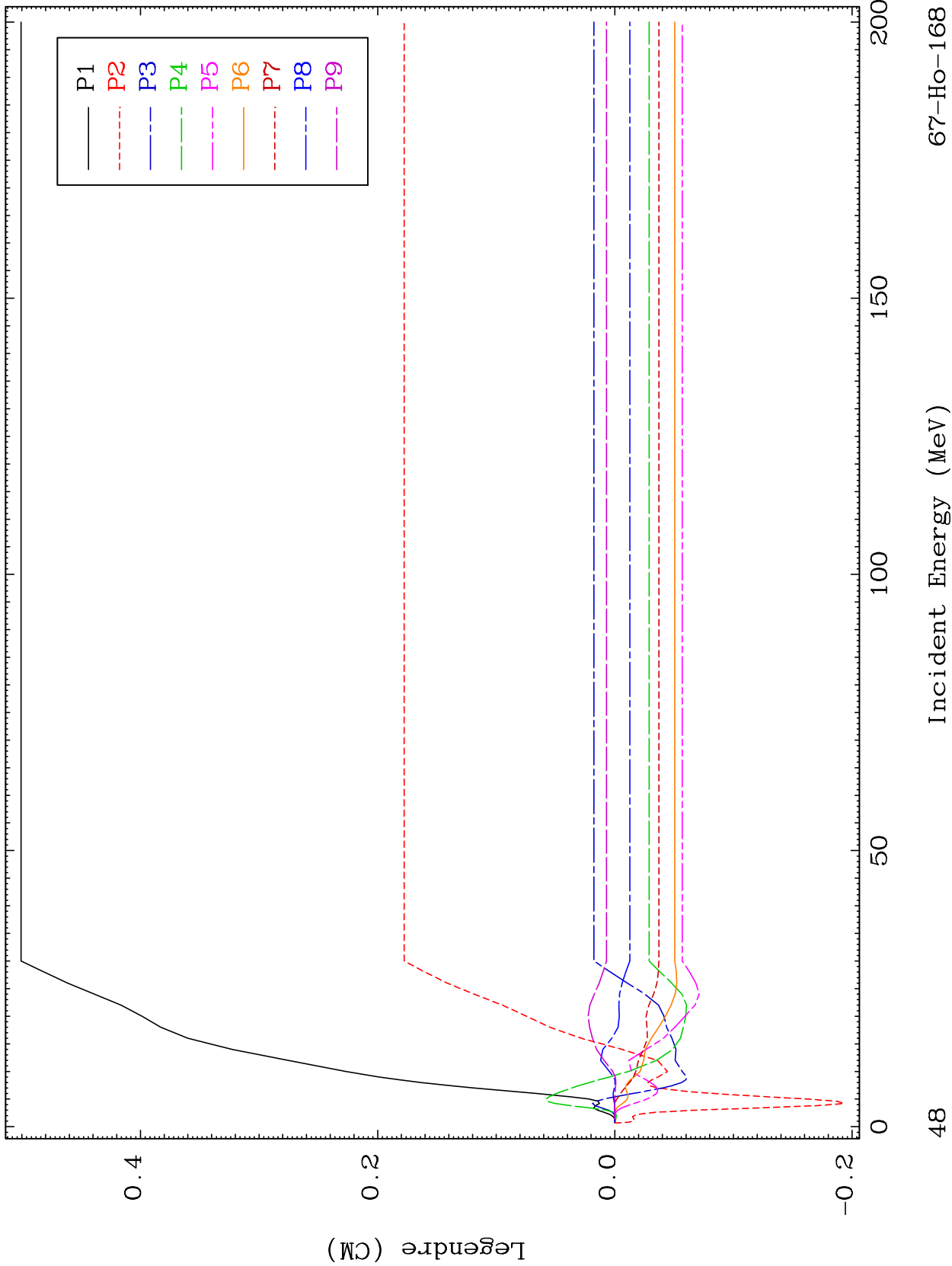


47

MAT 6734

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

67-Ho-168



67-Ho-168

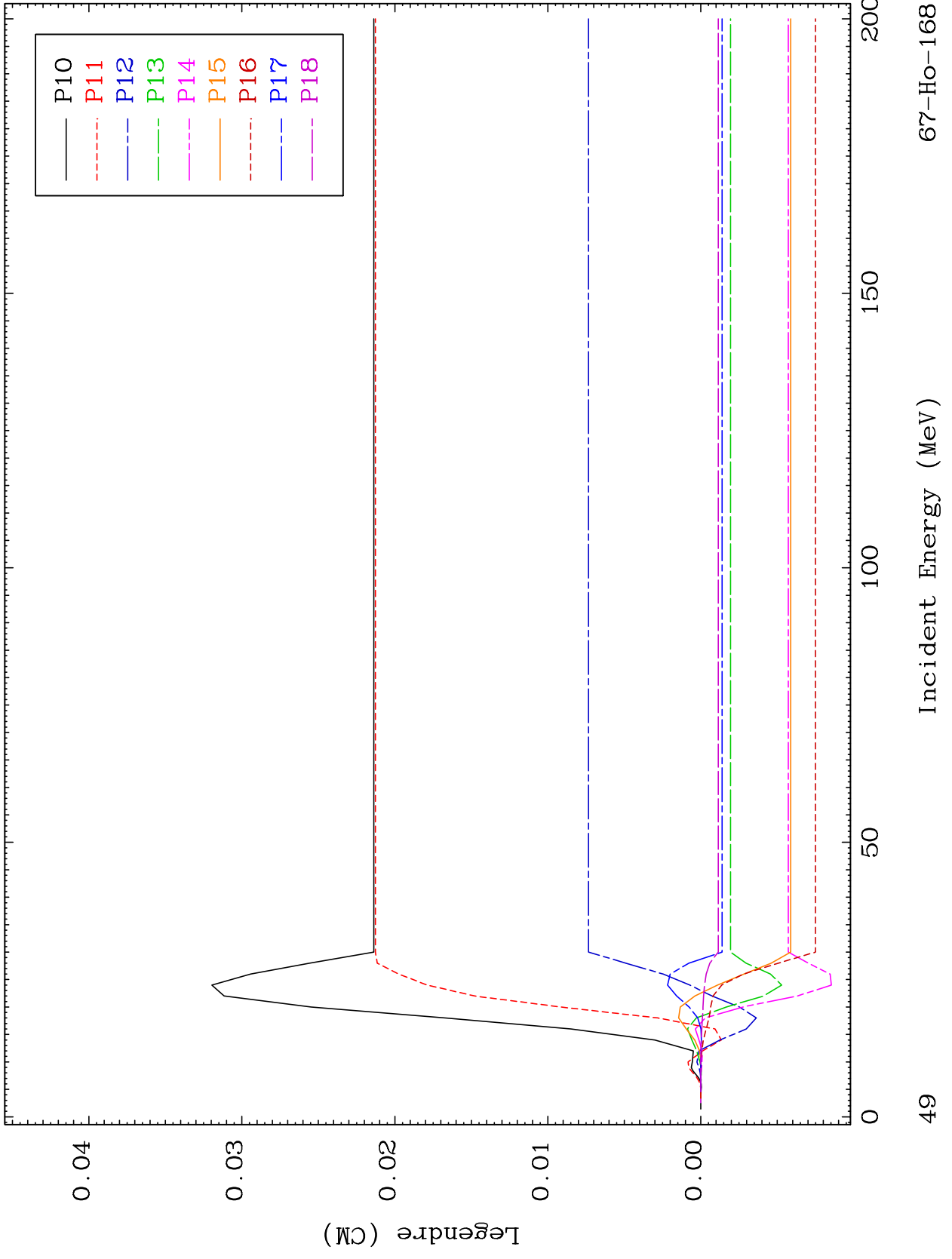
Incident Energy (MeV)

48

MAT 6734

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

67-Ho-168



49

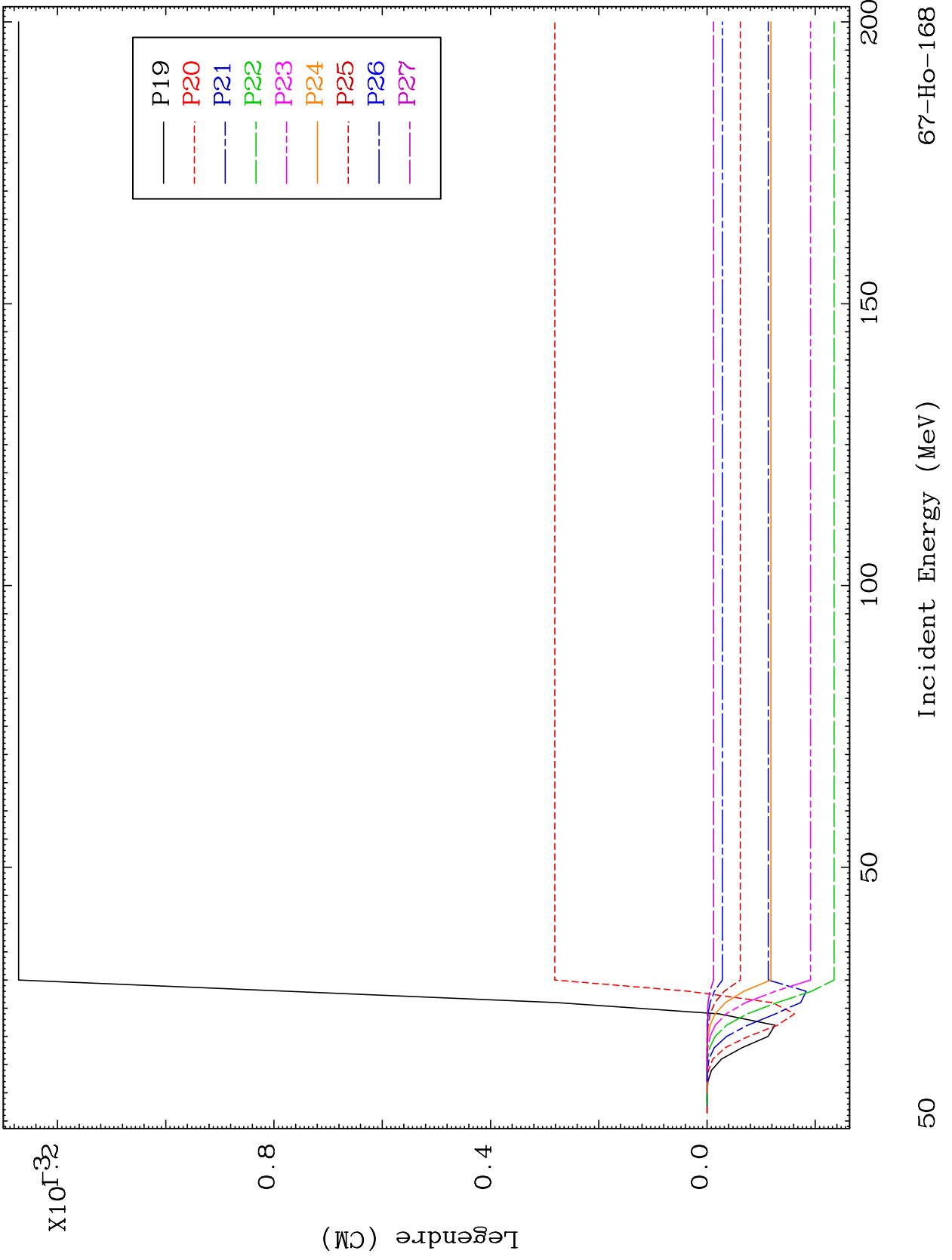
Incident Energy (MeV)

67-Ho-168

MAT 6734

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

67-Ho-168

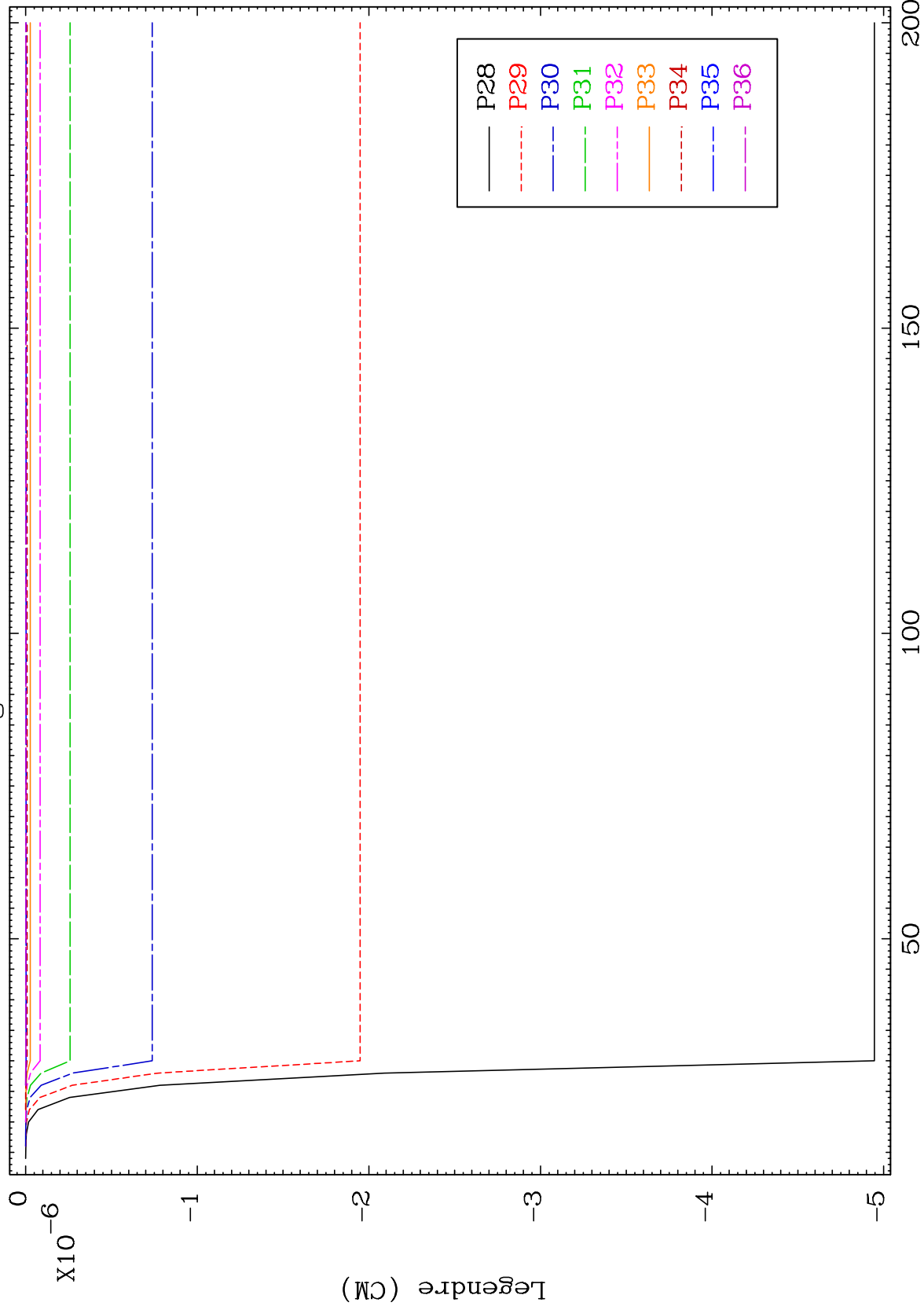


MAT 6734

MT= 59 (n,n') Level

67-Ho-168

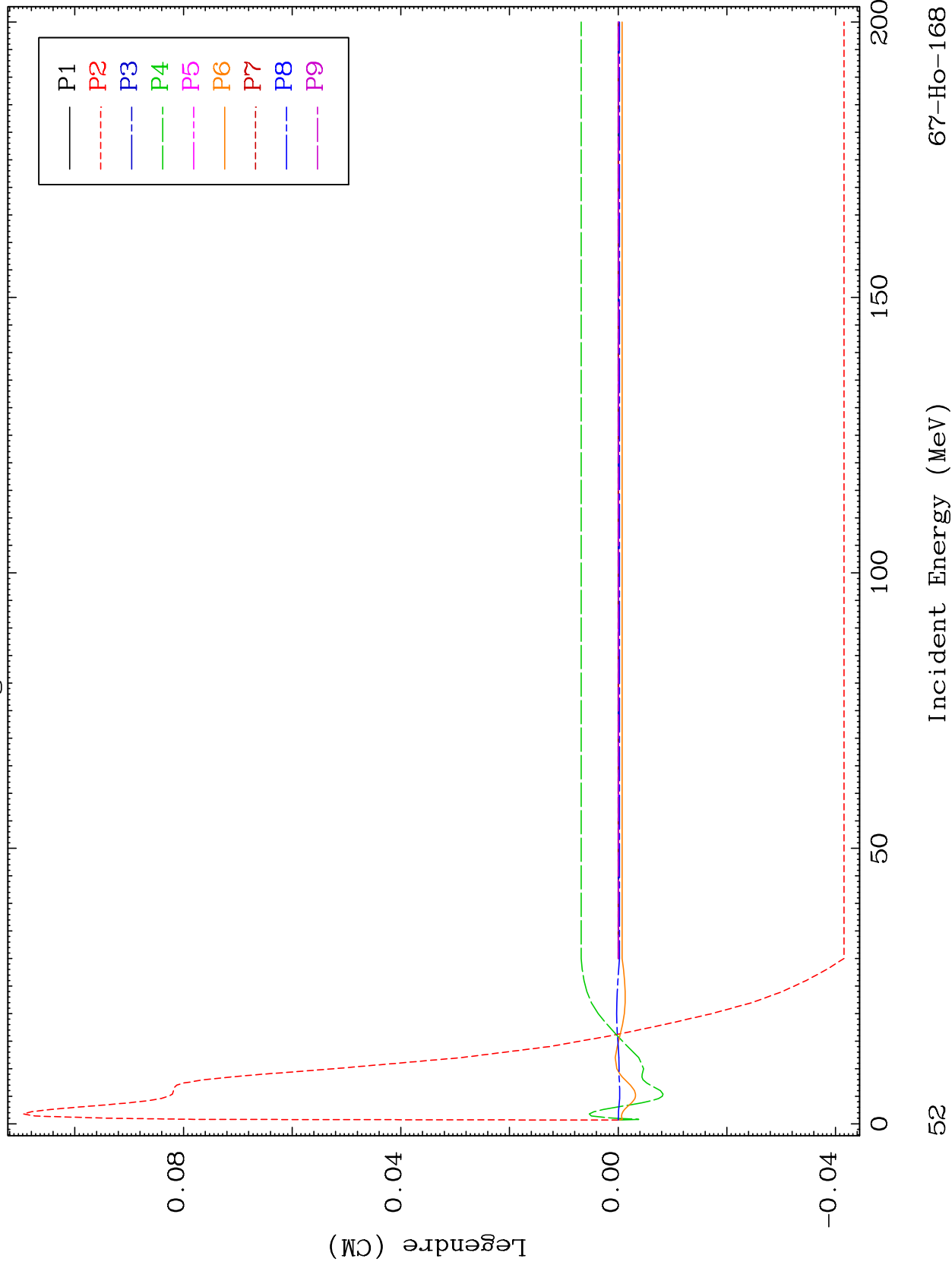
Legendre Coefficients



MAT 6734

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

67-Ho-168

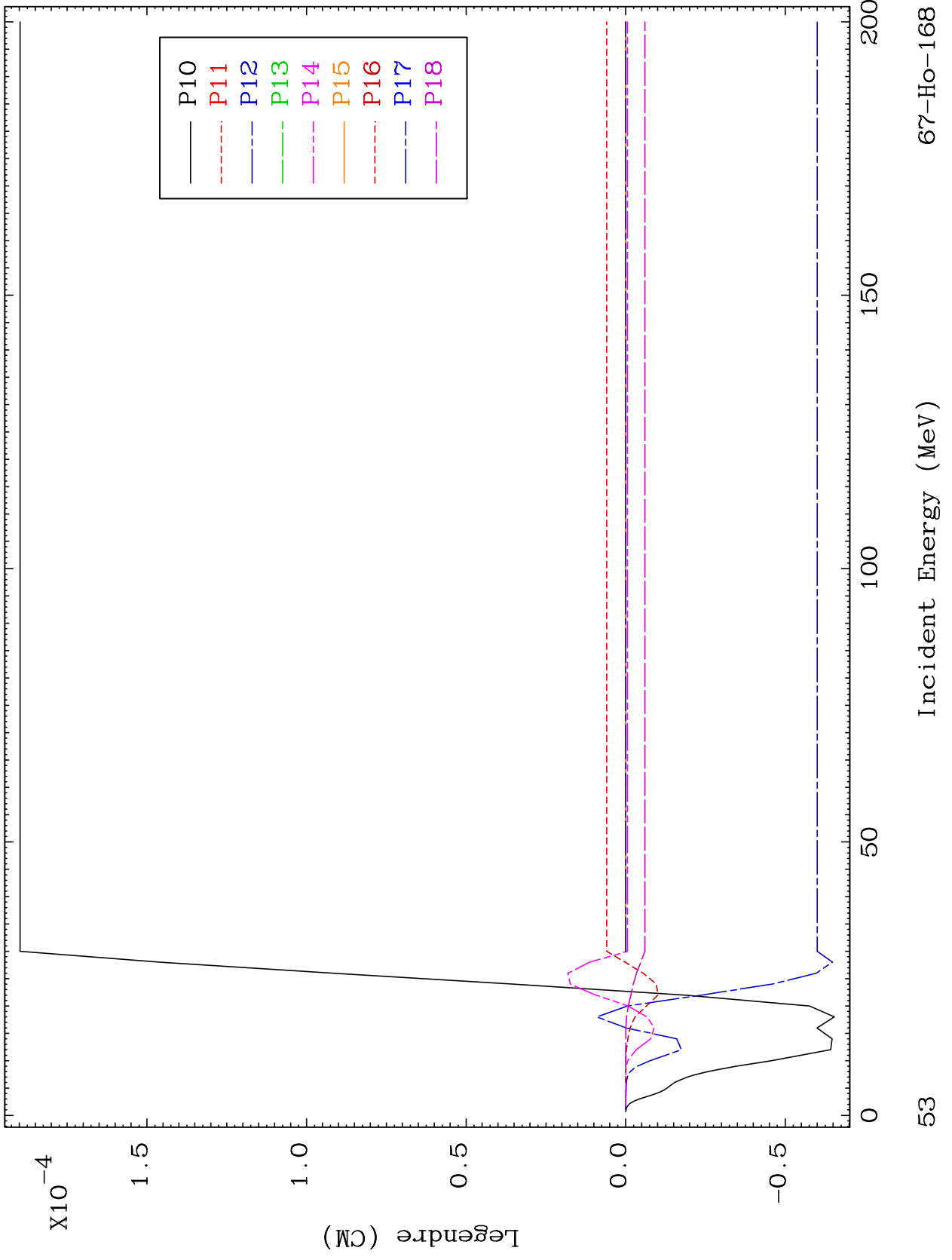


52

MAT 6734

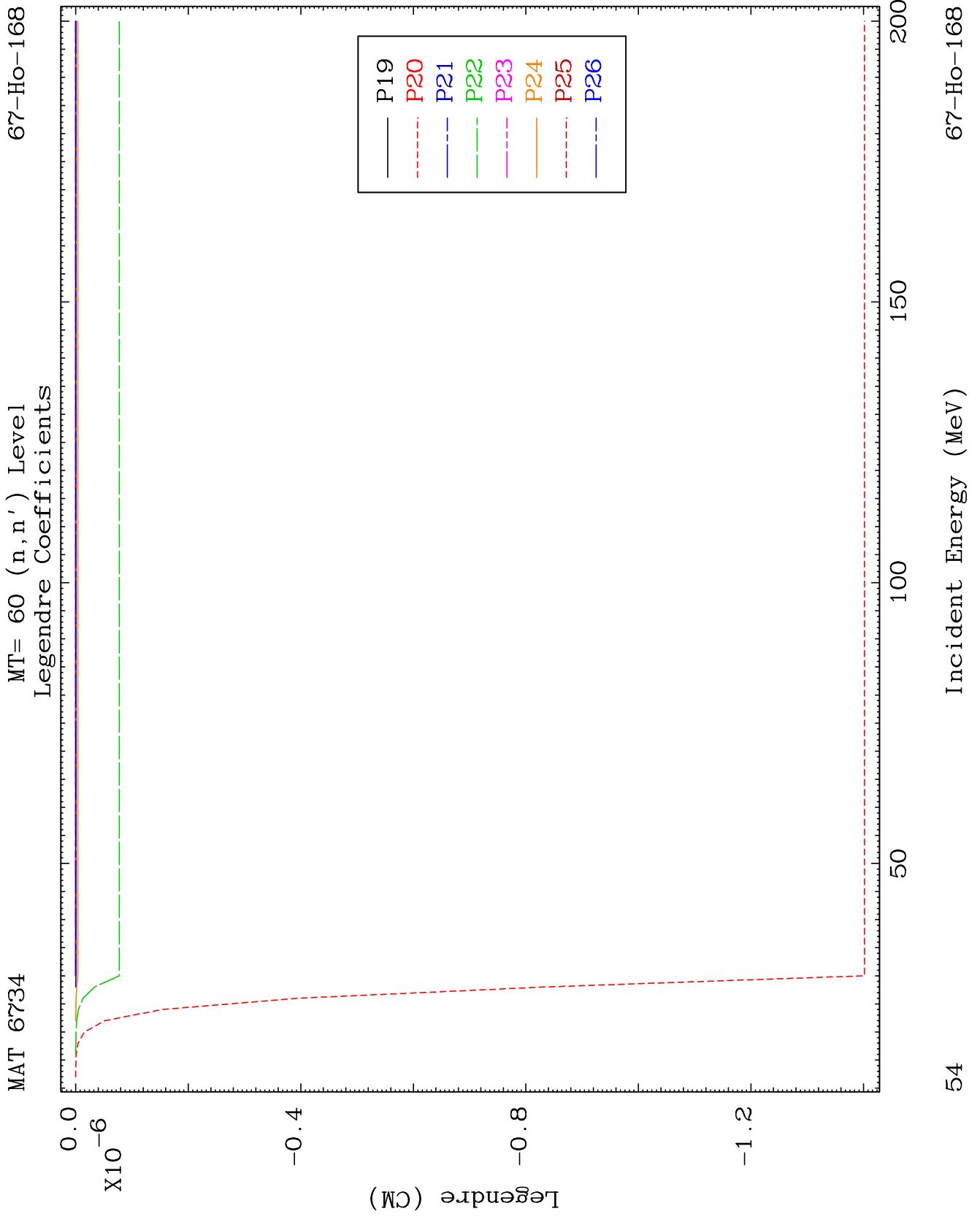
MT= 60 (n,n') Level
Legendre Coefficients

67-Ho-168



53

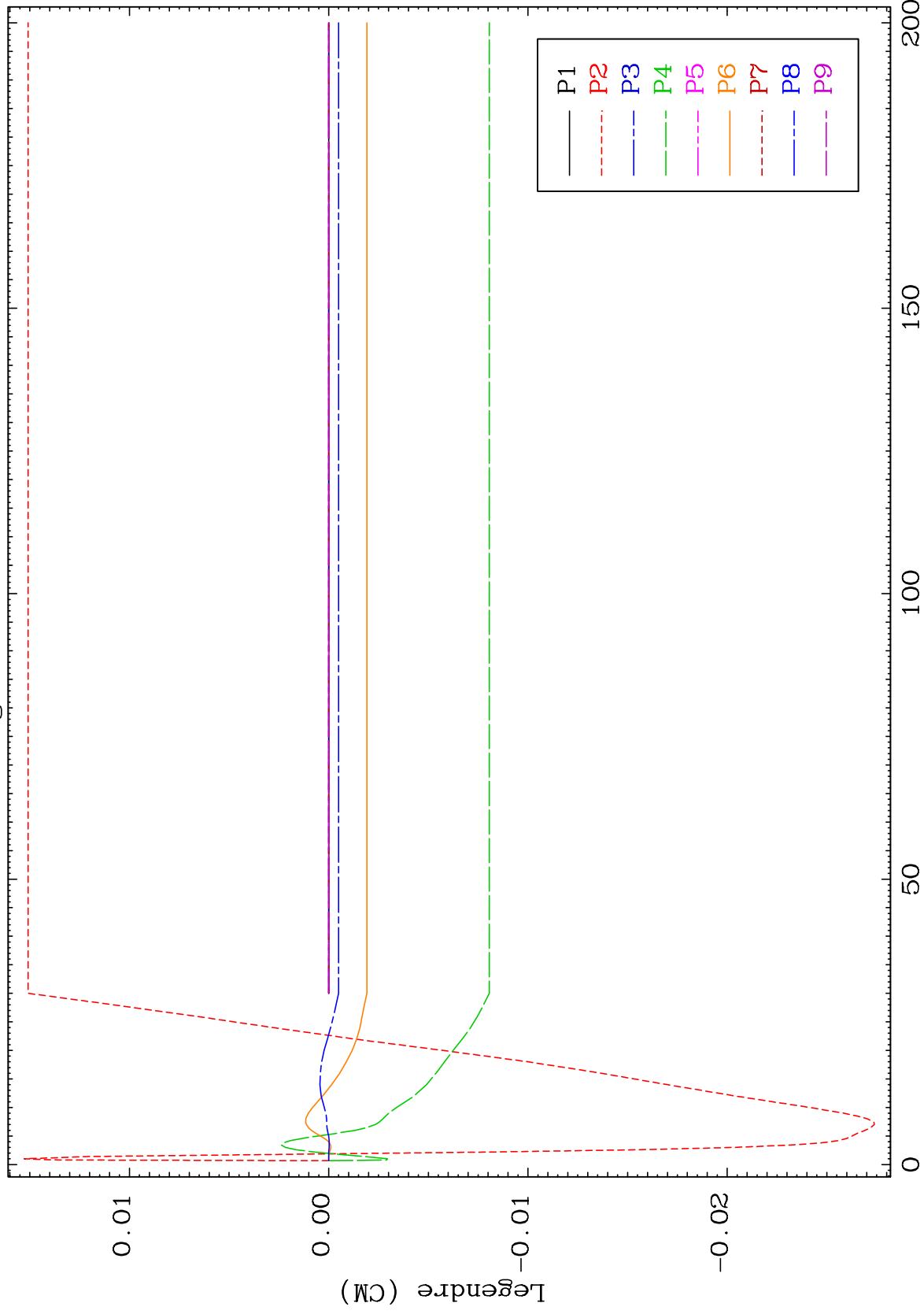
67-Ho-168



MAT 6734

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

67-Ho-168



67-Ho-168

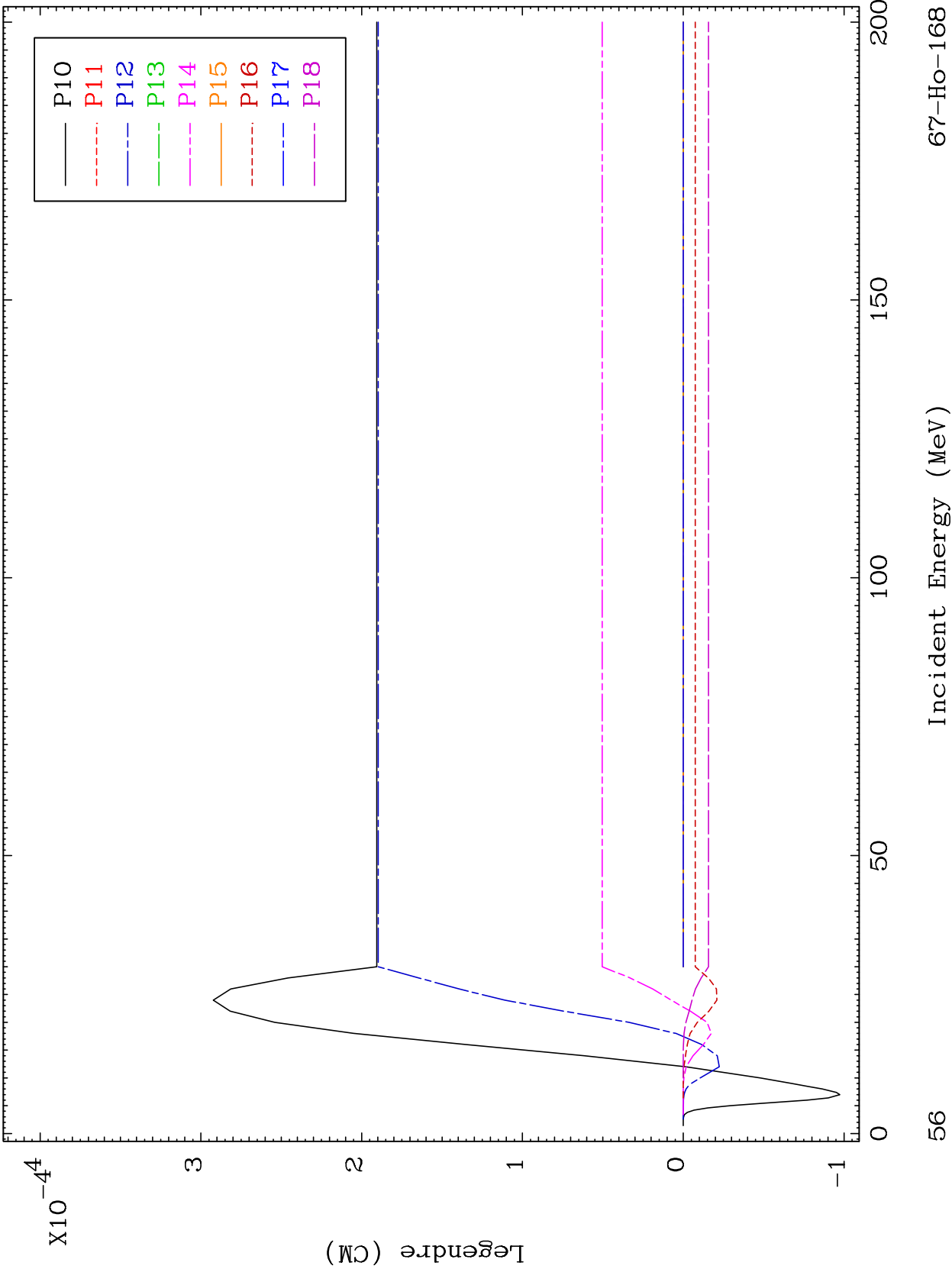
Incident Energy (MeV)

55

MAT 6734

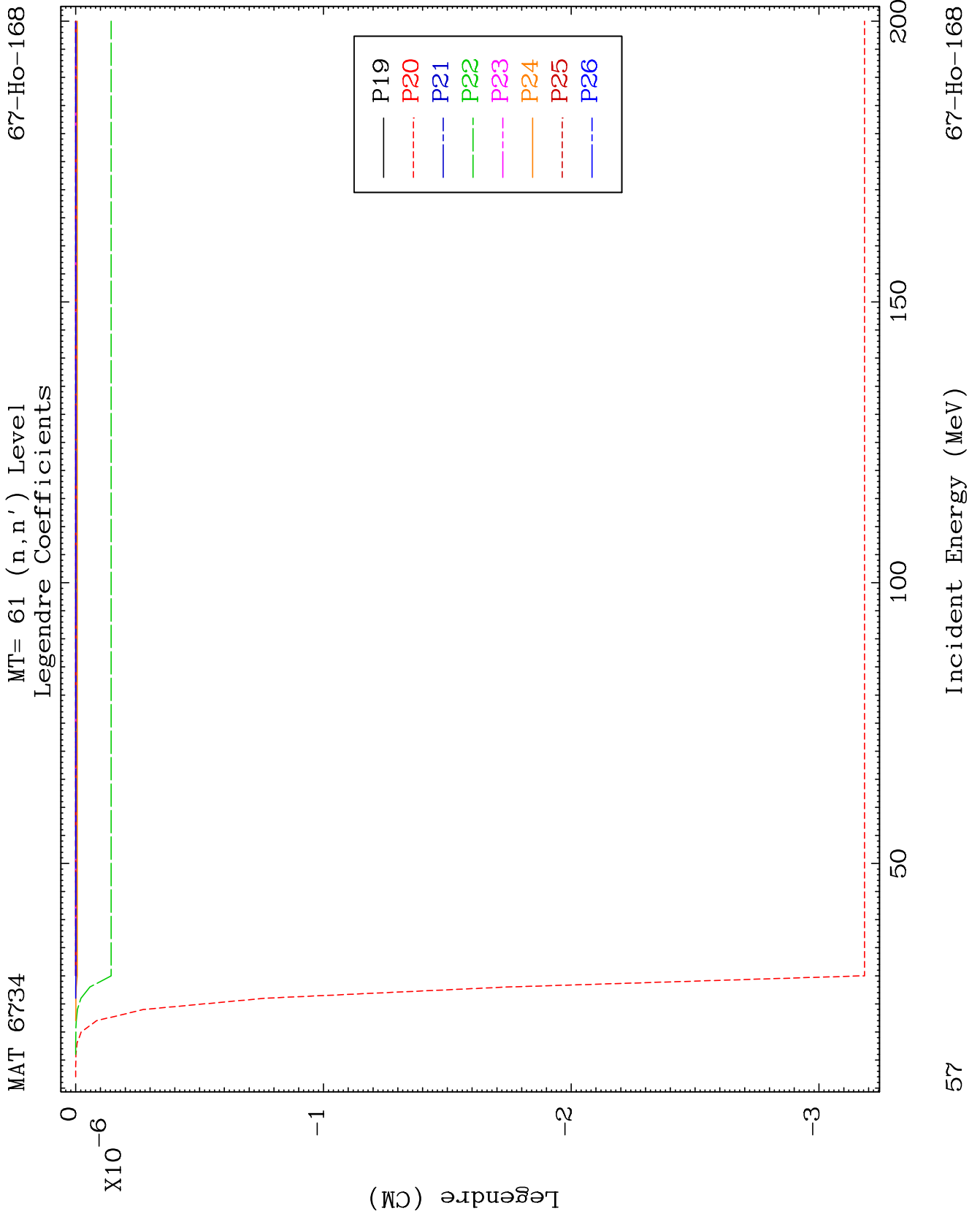
MT= 61 (n,n') Level
Legendre Coefficients

67-Ho-168



56

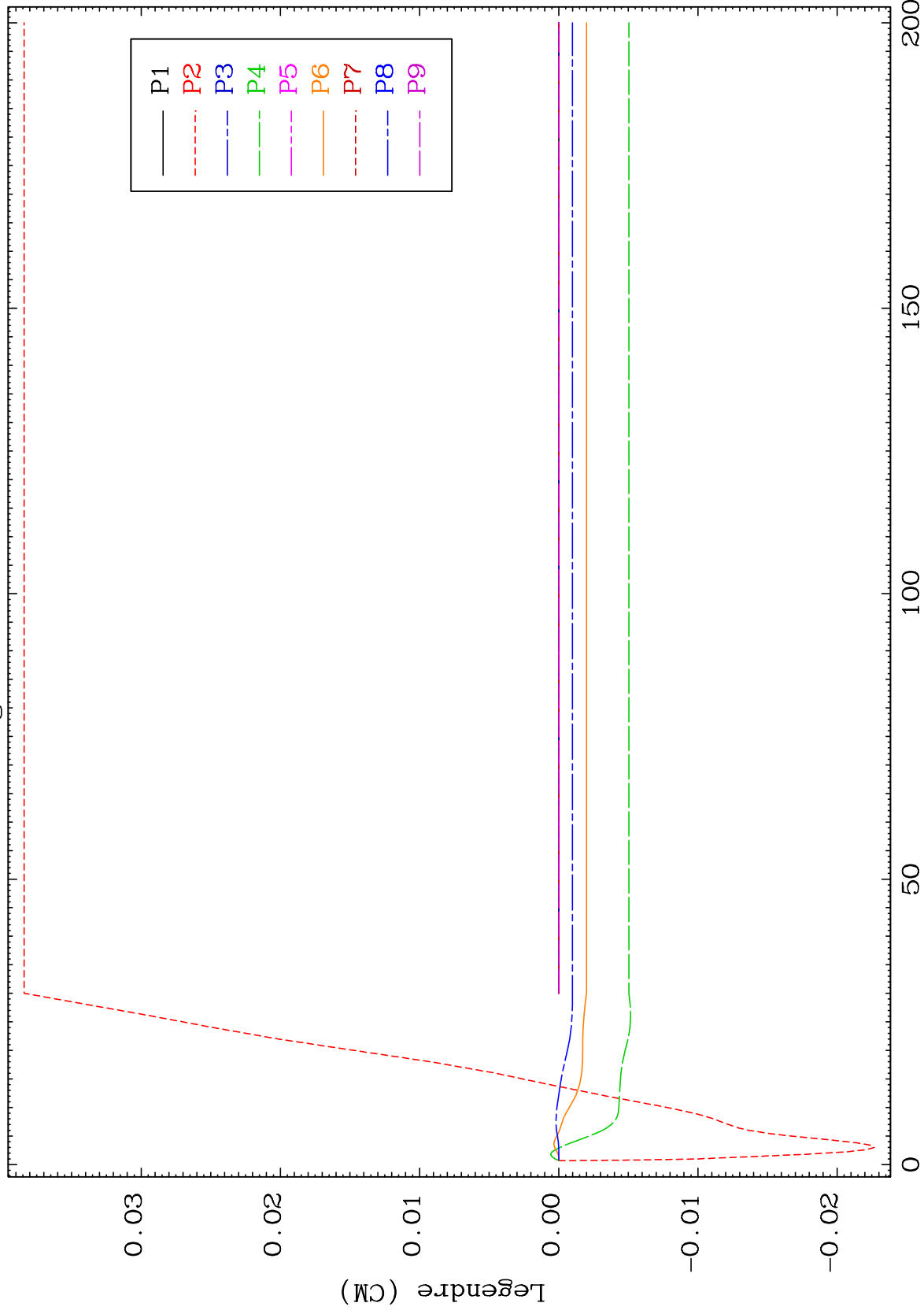
67-Ho-168



MAT 6734

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

67-Ho-168



67-Ho-168

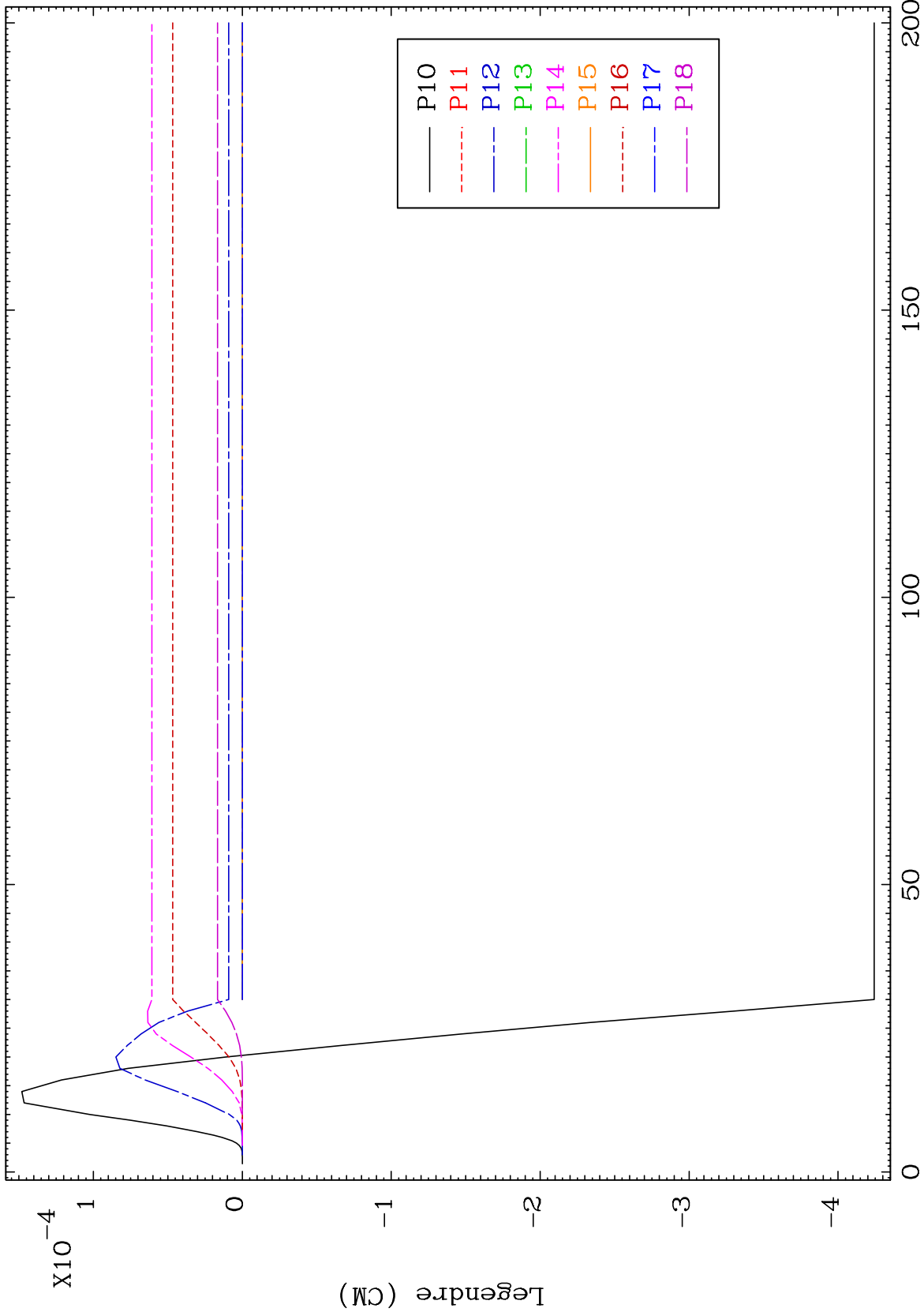
Incident Energy (MeV)

58

MAT 6734

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

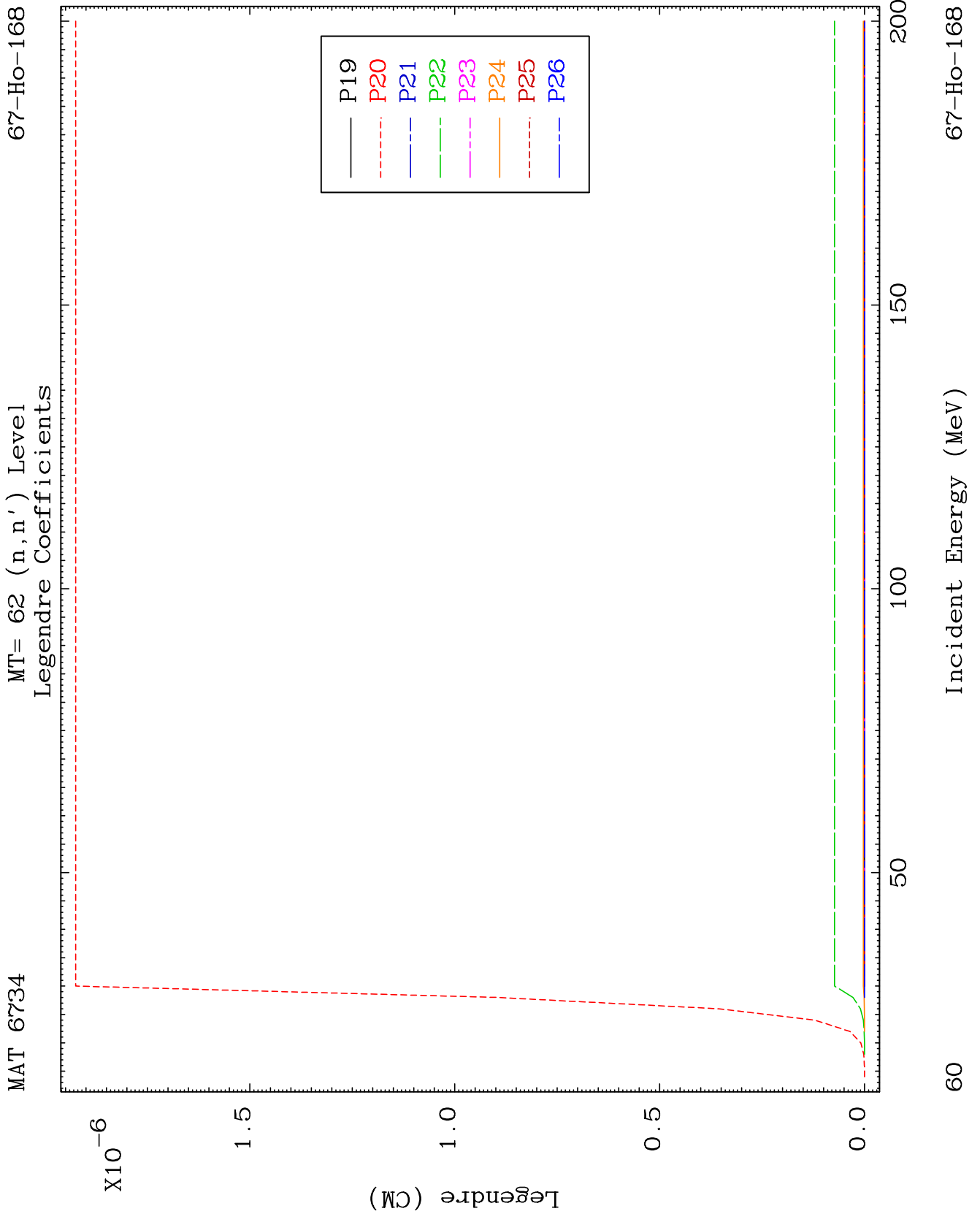
67-Ho-168



59

Incident Energy (MeV)

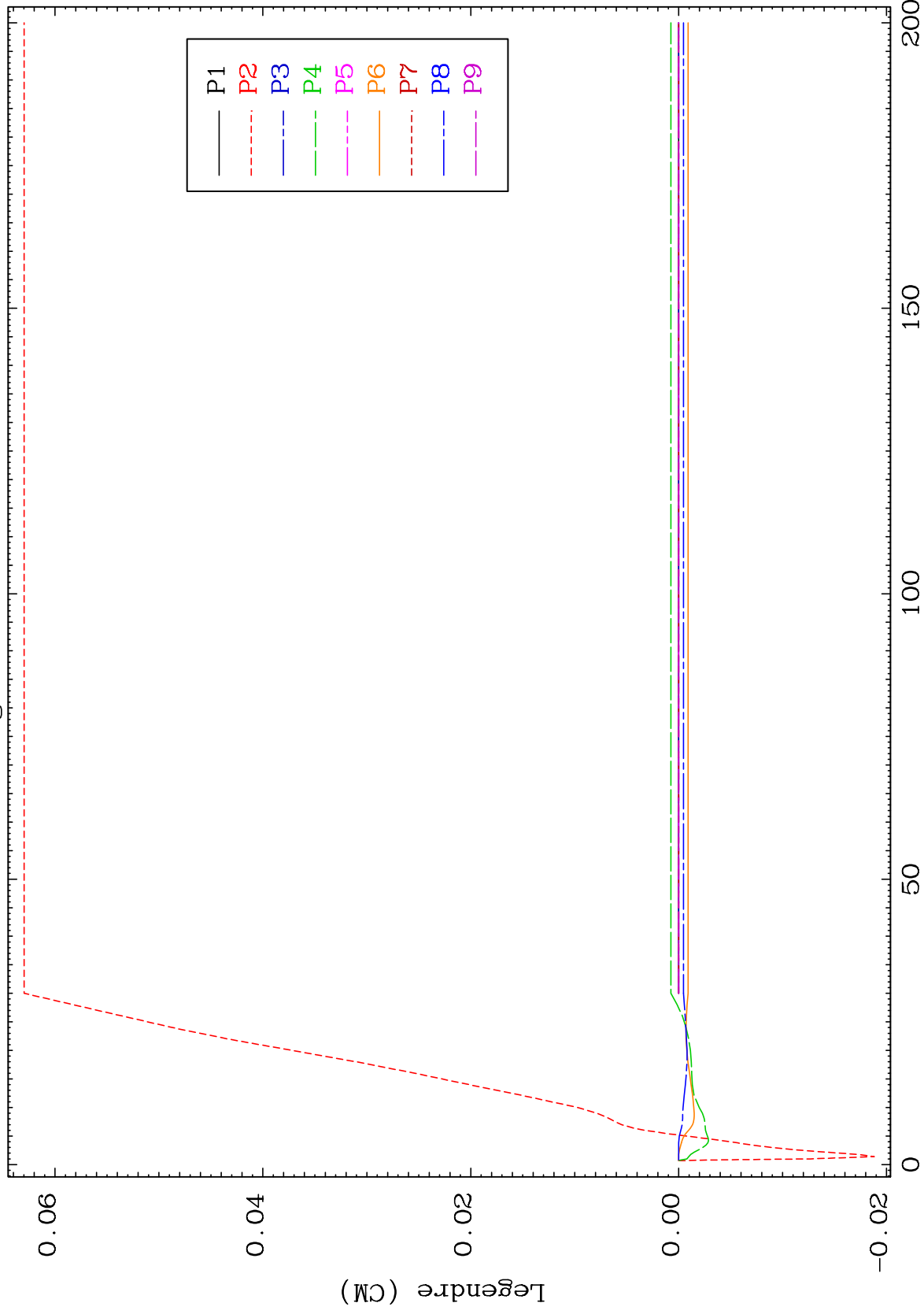
67-Ho-168



MAT 6734

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

67-Ho-168



61

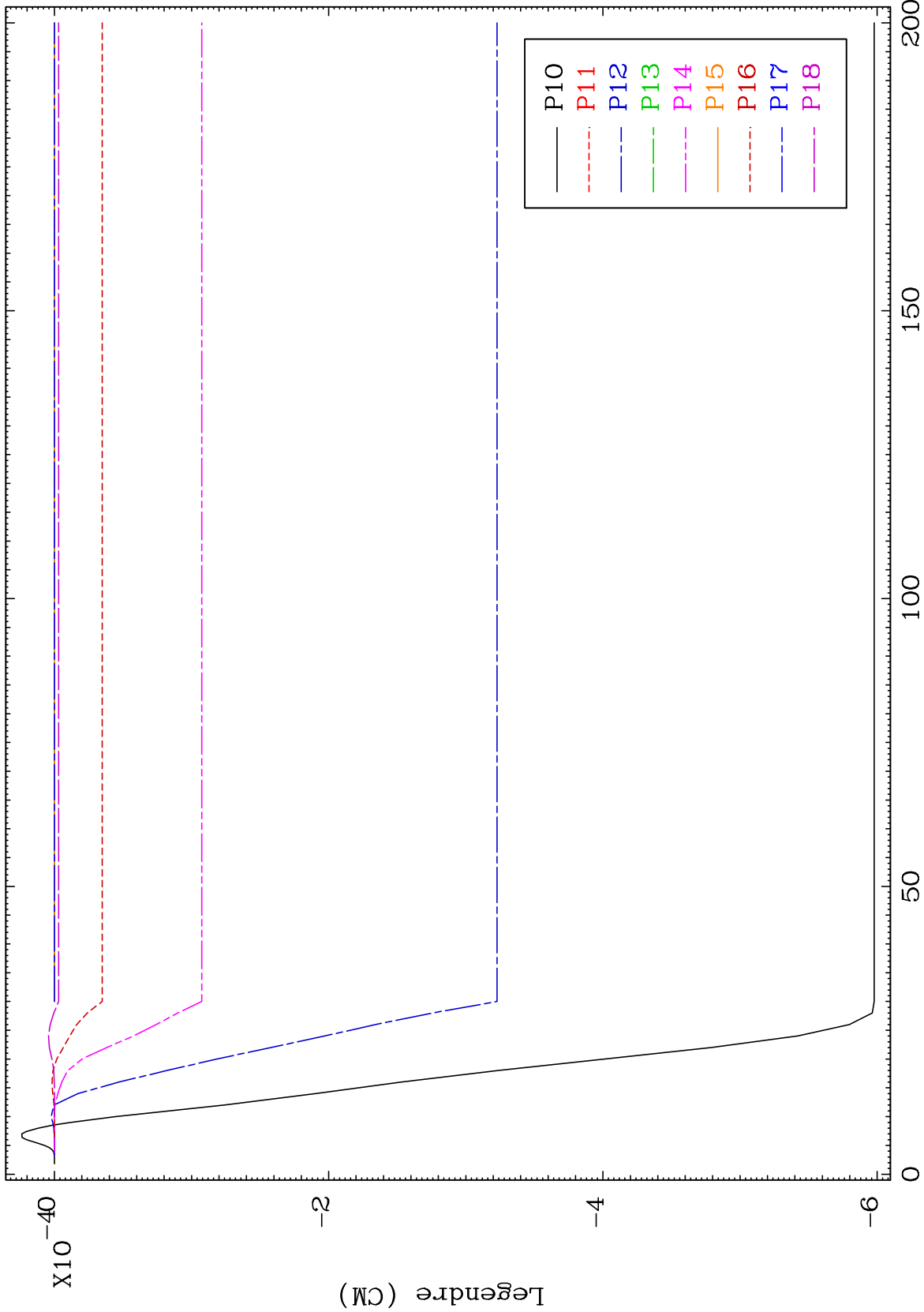
Incident Energy (MeV)

67-Ho-168

MAT 6734

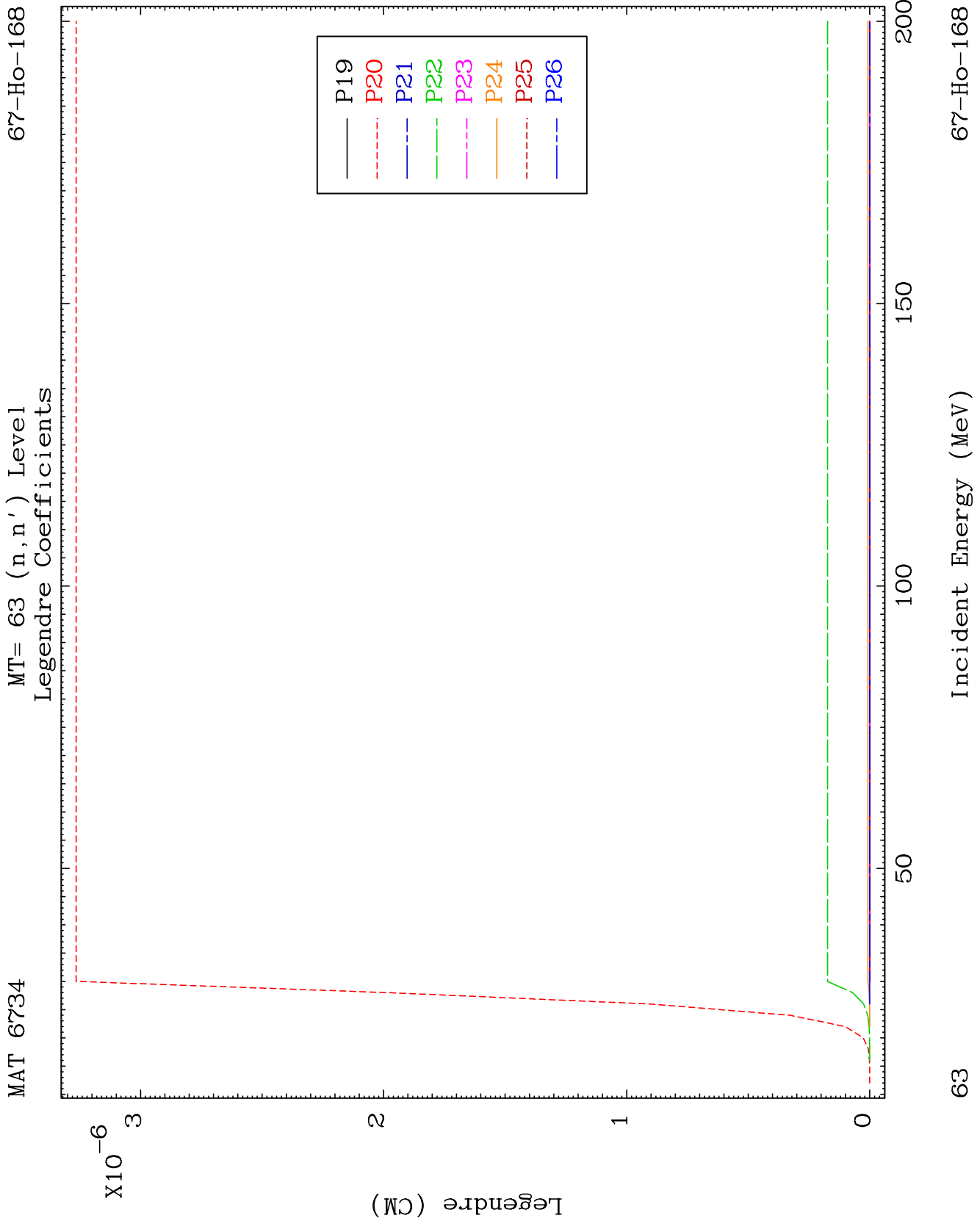
MT= 63 (n,n') Level
Legendre Coefficients

67-Ho-168



62

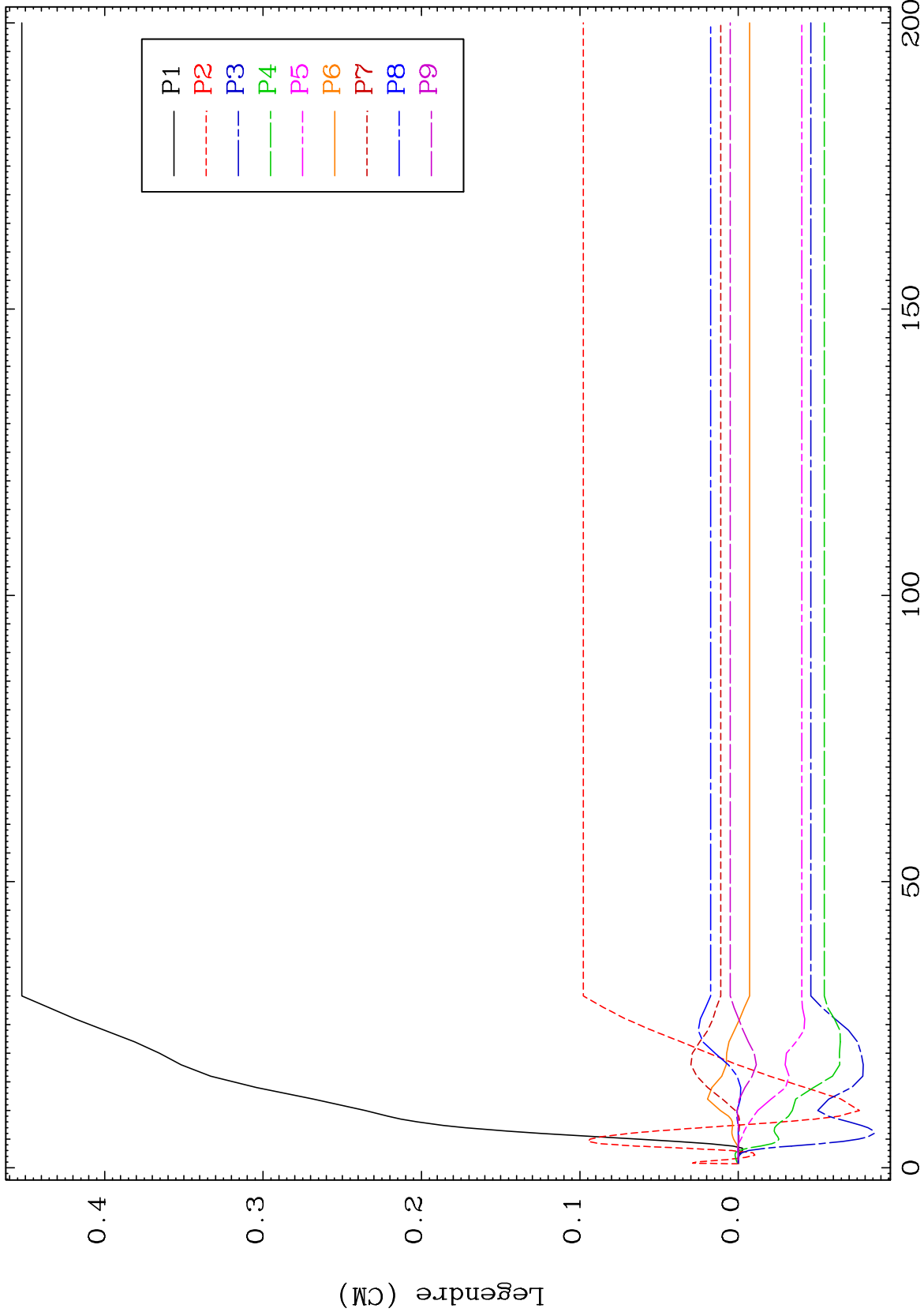
67-Ho-168



MAT 6734

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

67-Ho-168



64

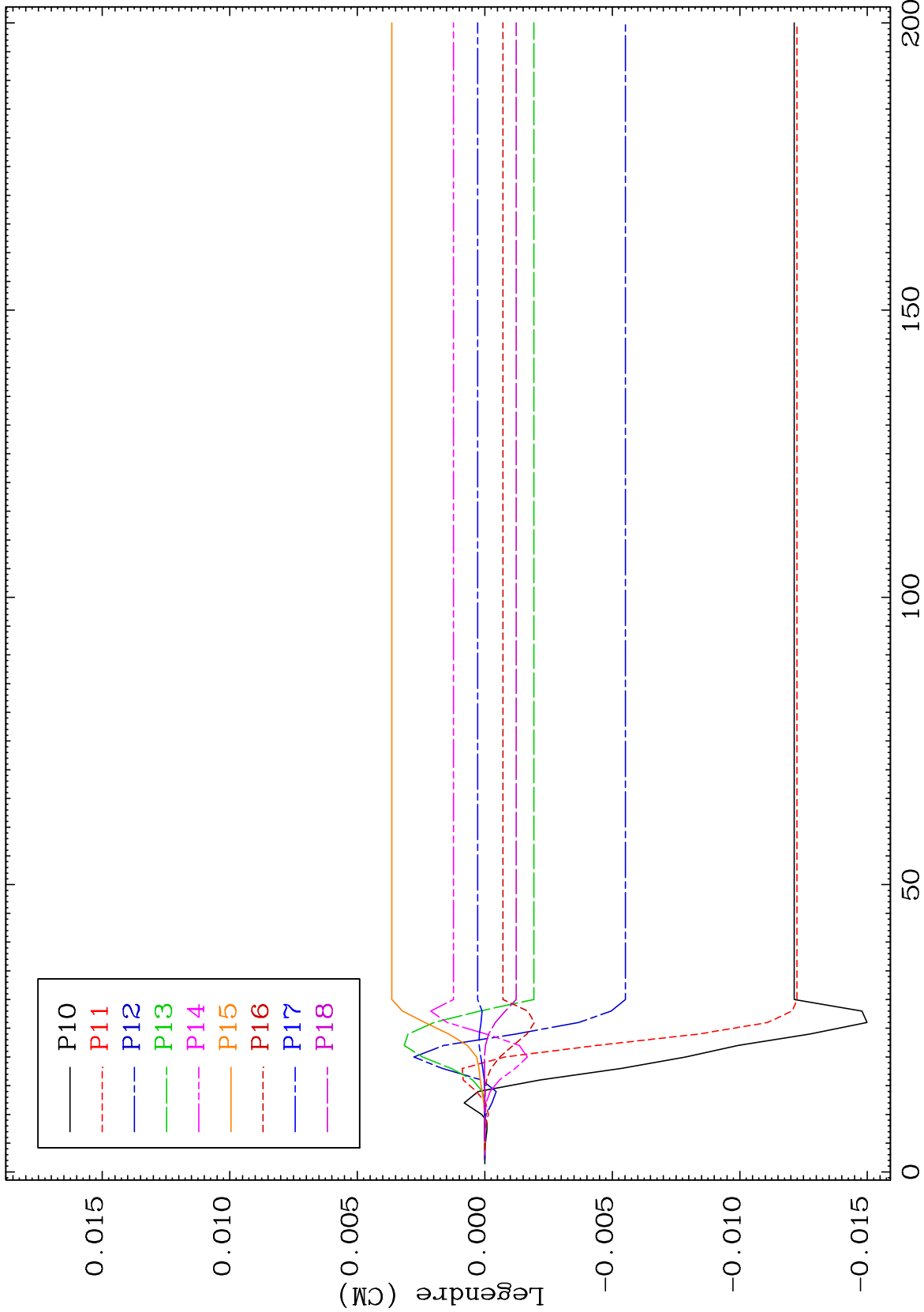
Incident Energy (MeV)

67-Ho-168

MAT 6734

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

67-Ho-168



65

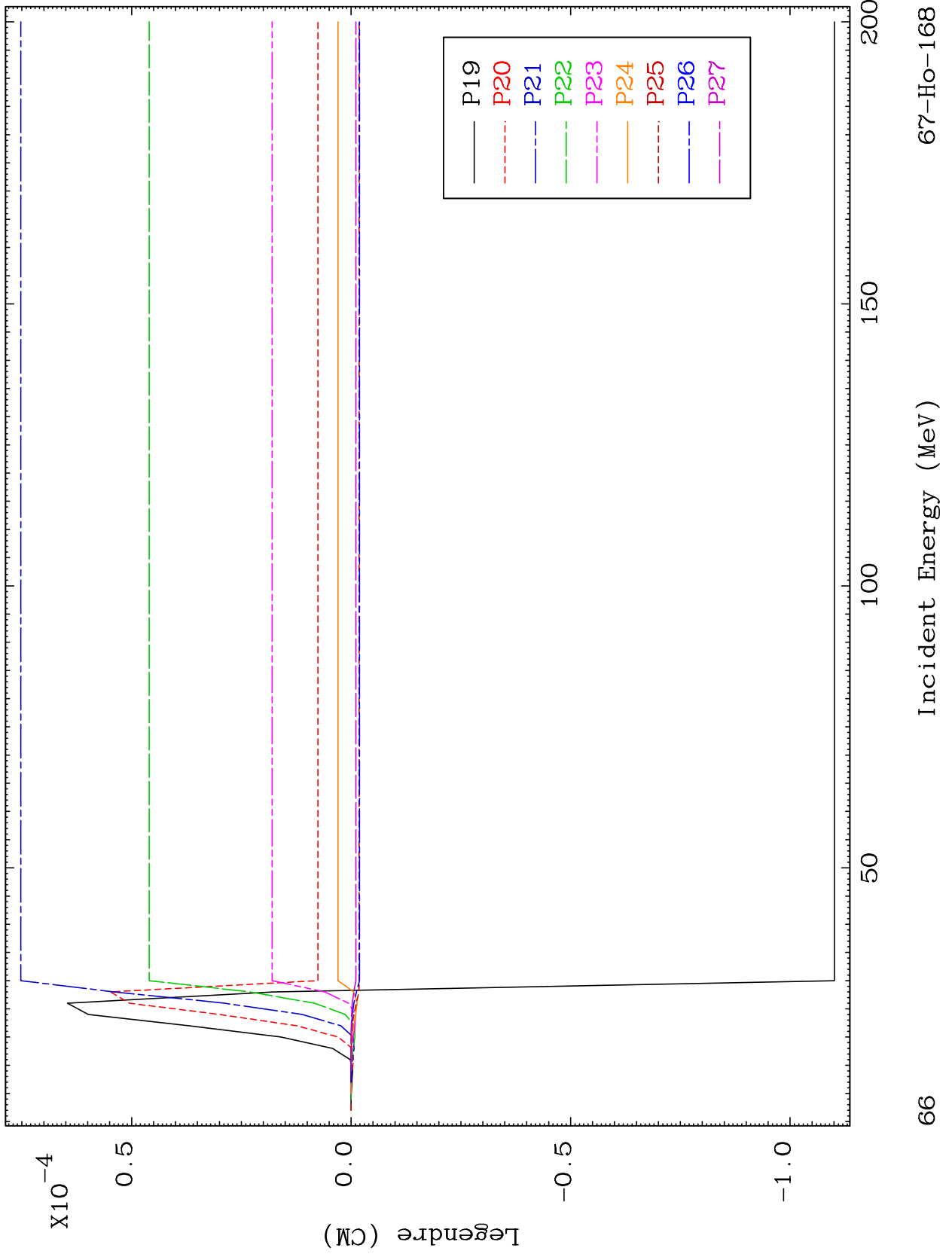
Incident Energy (MeV)

67-Ho-168

MAT 6734

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

67-Ho-168



66

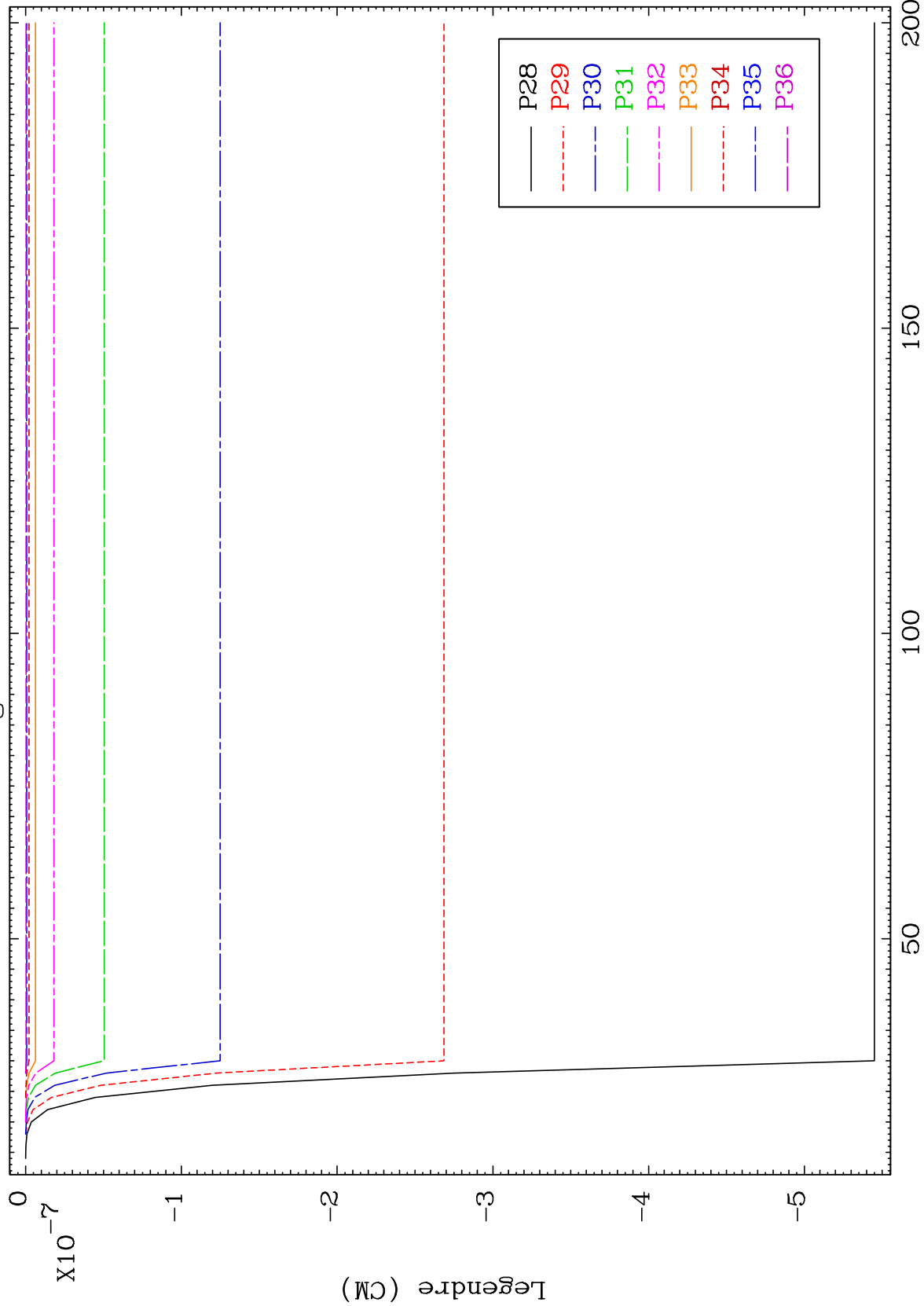
Incident Energy (MeV)

67-Ho-168

MAT 6734

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

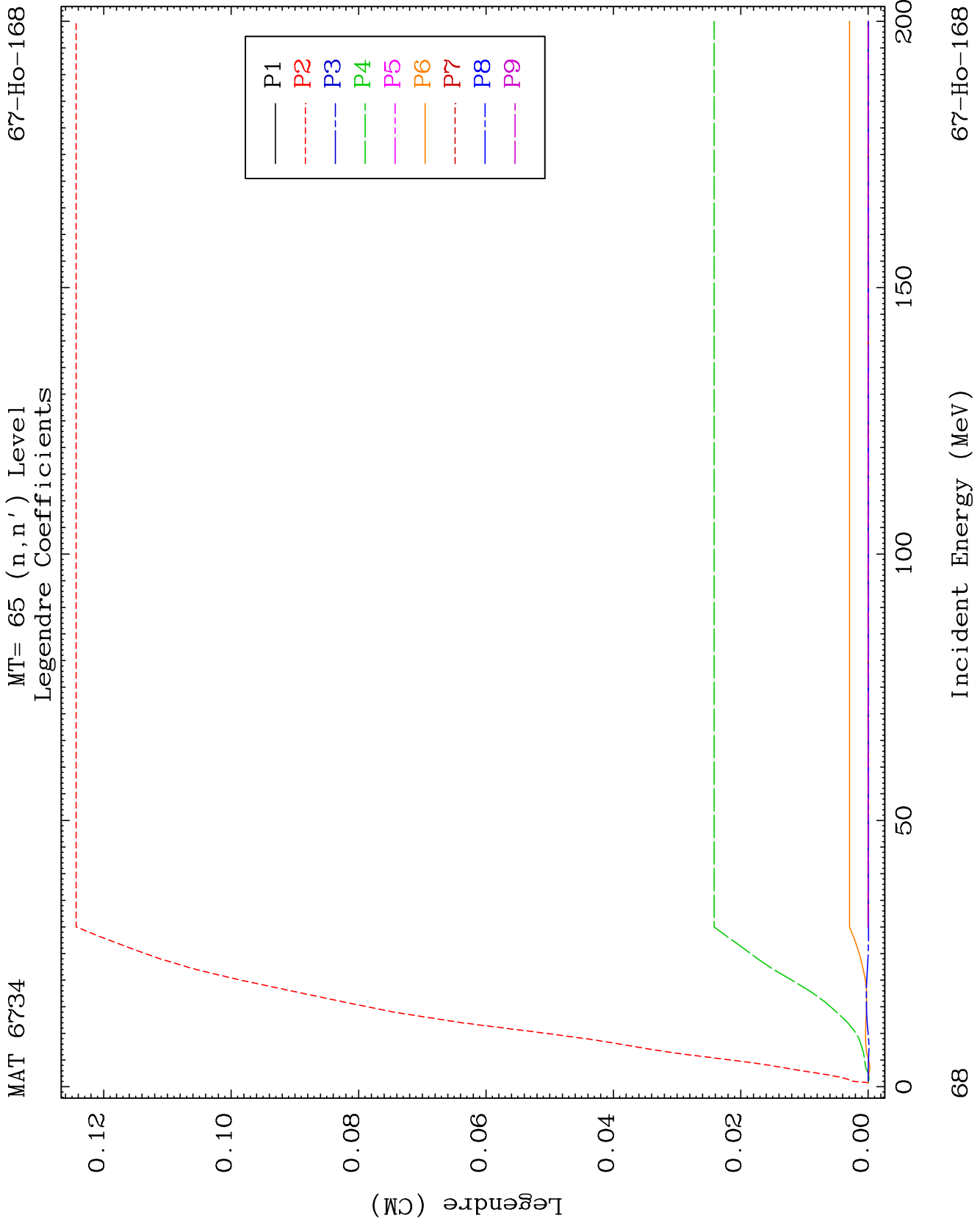
67-Ho-168



67

Incident Energy (MeV)

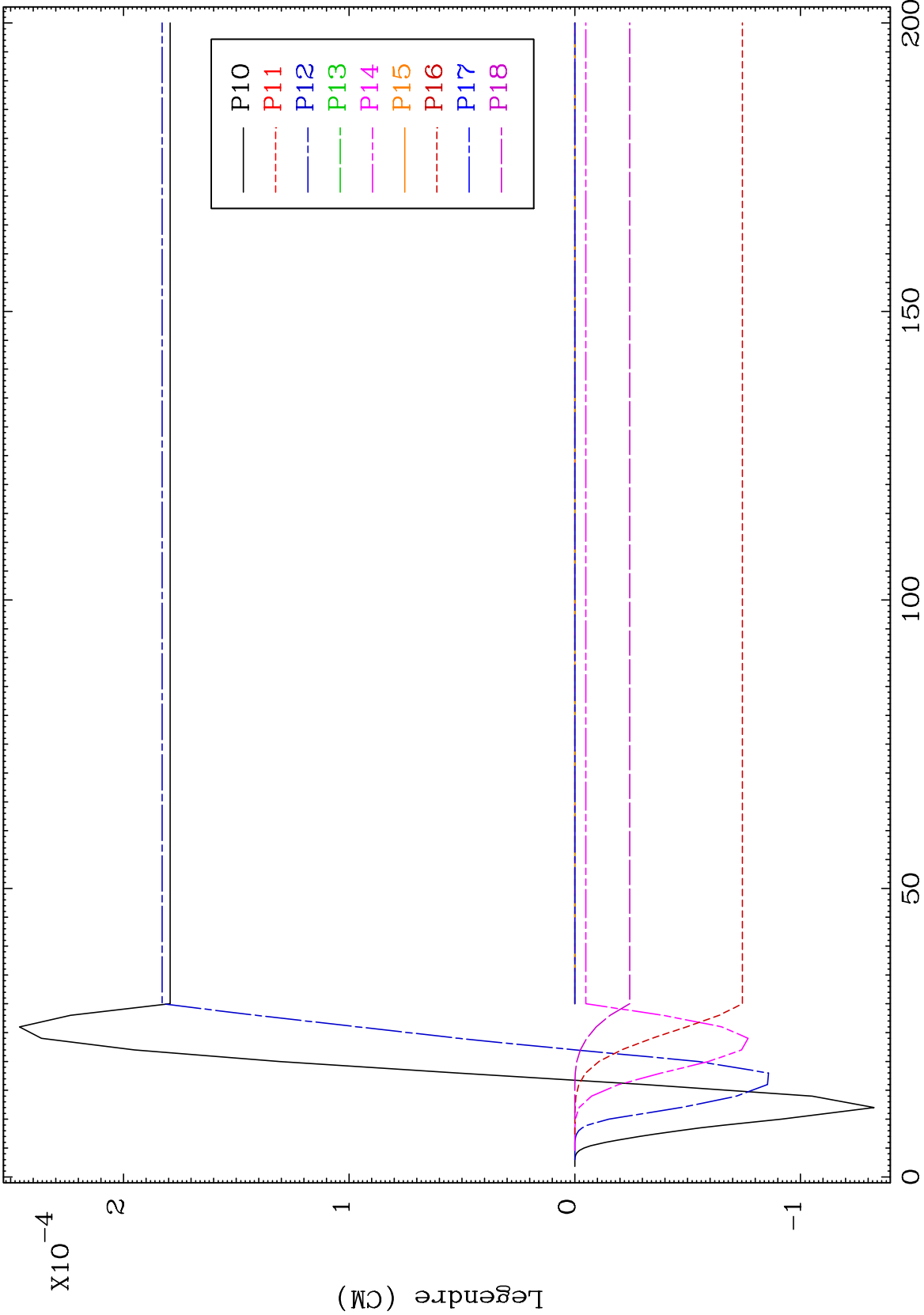
67-Ho-168



MAT 6734

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

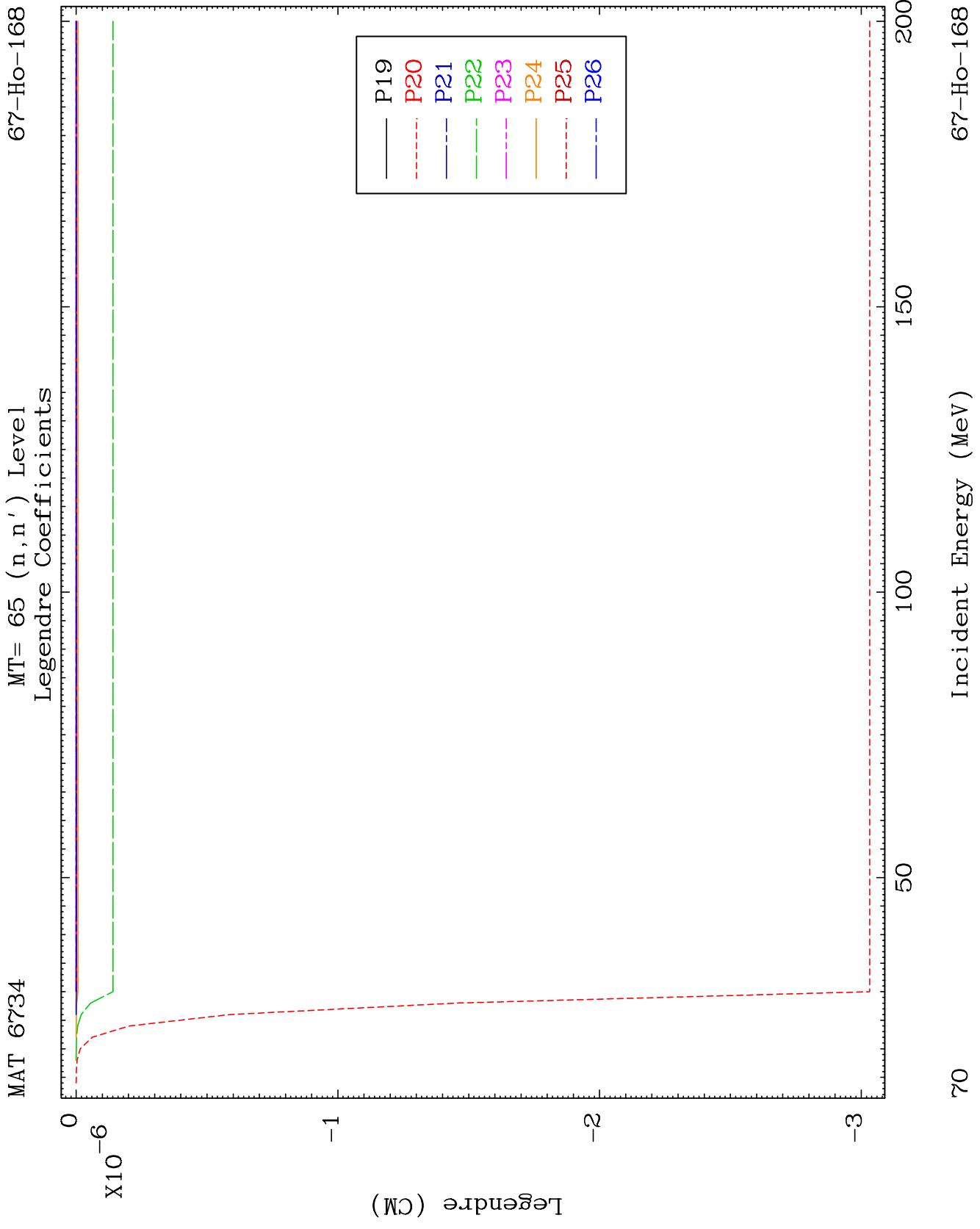
67-Ho-168



69

Incident Energy (MeV)

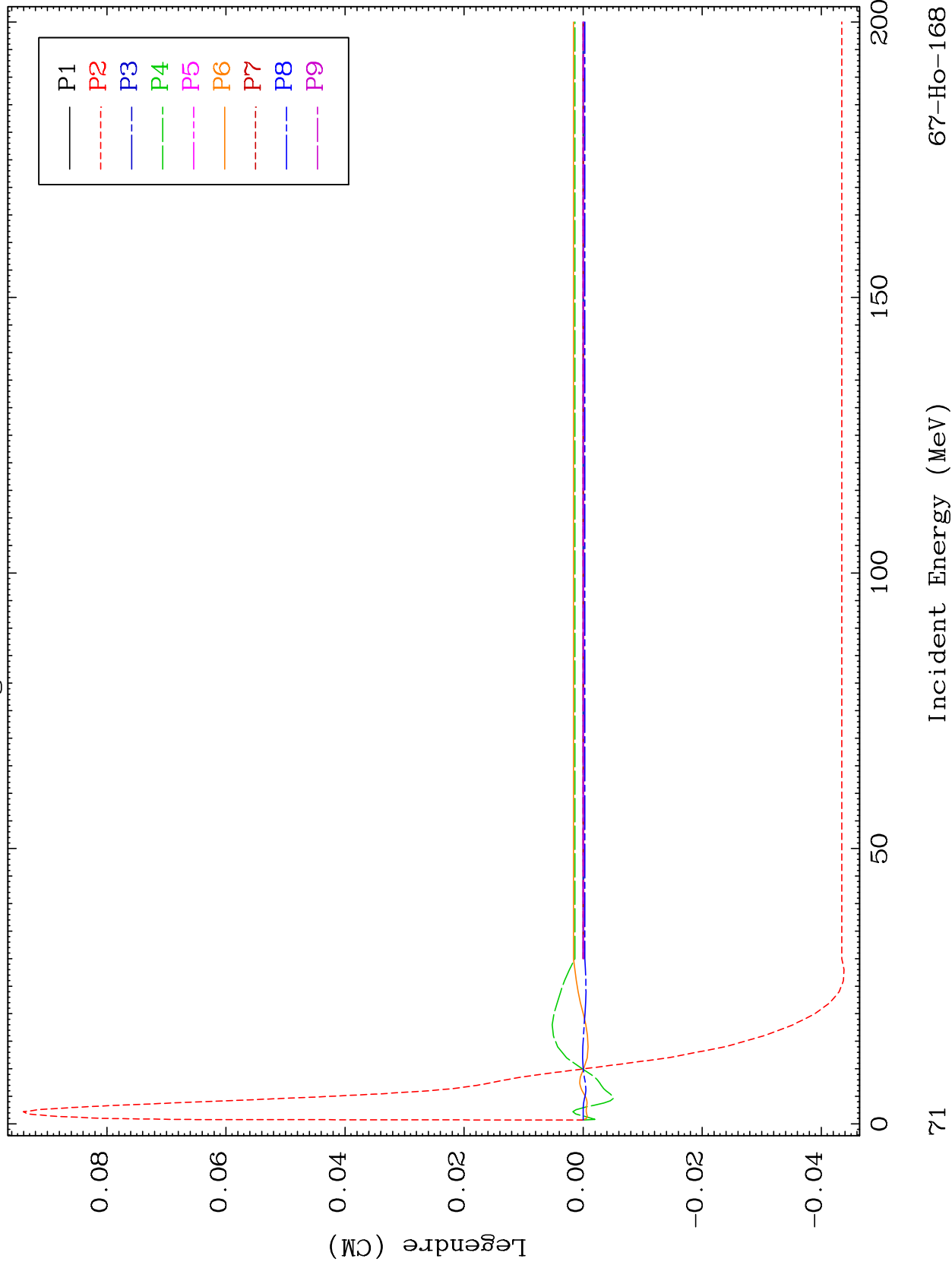
67-Ho-168



MAT 6734

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

67-Ho-168



71

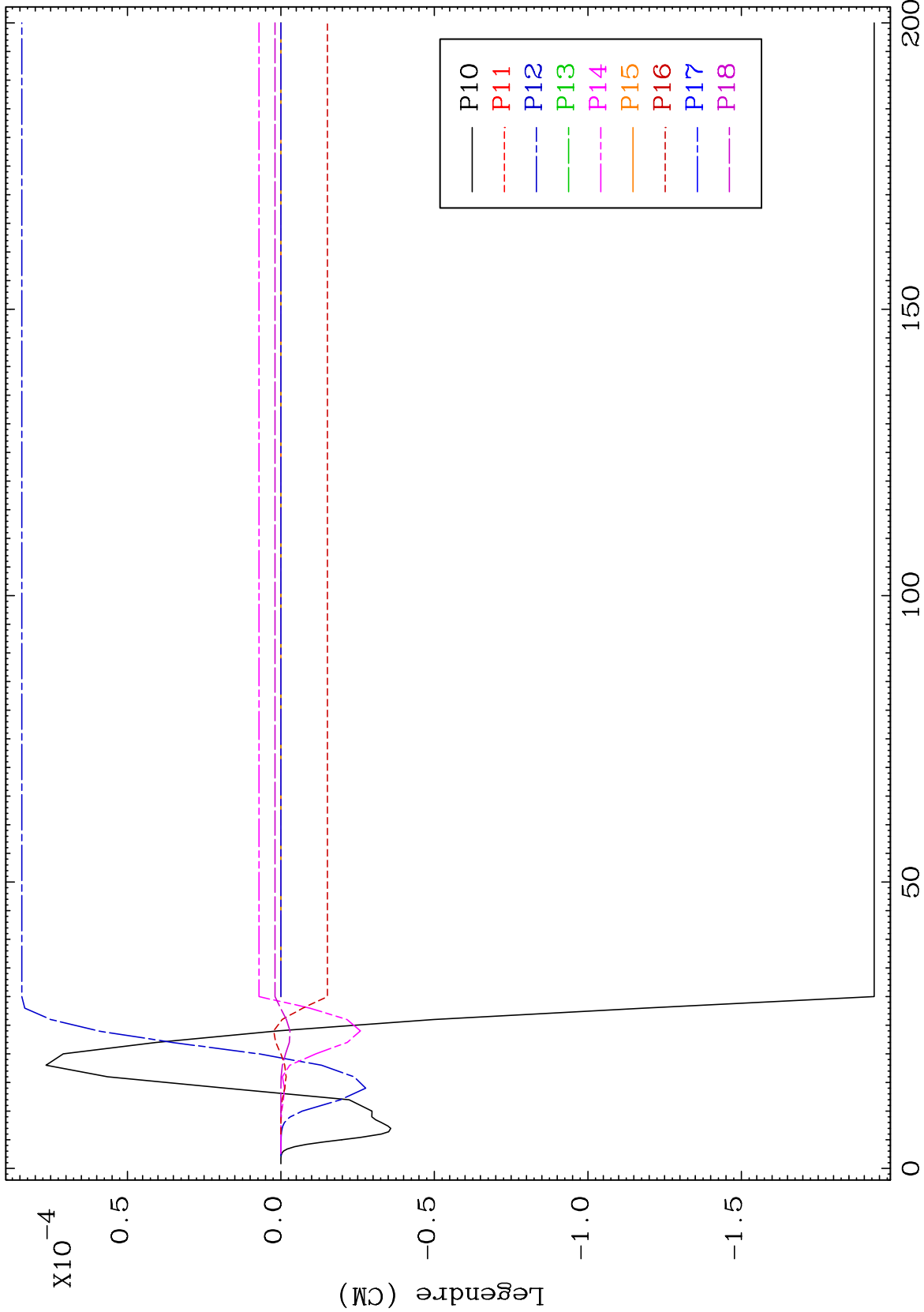
Incident Energy (MeV)

67-Ho-168

MAT 6734

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

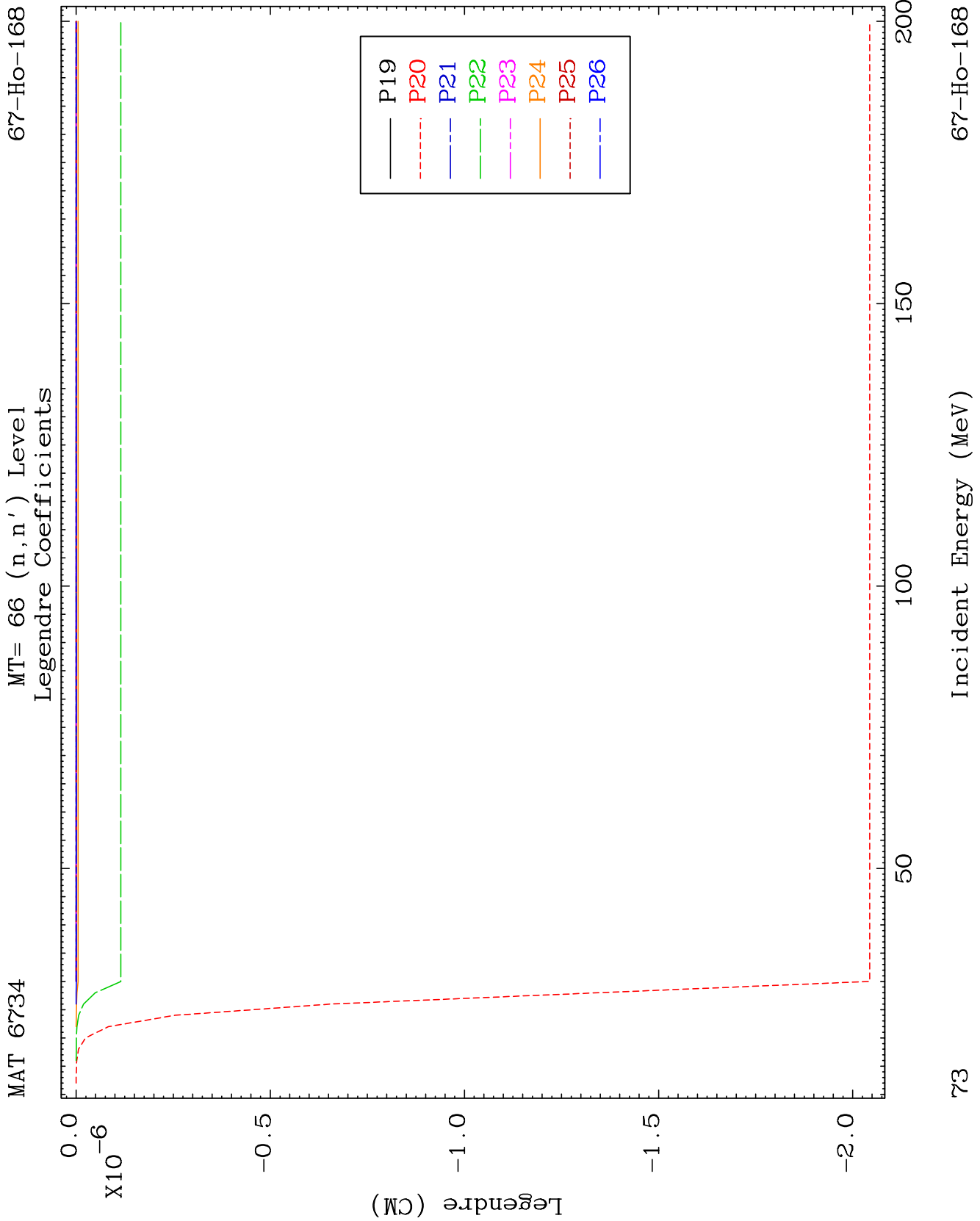
67-Ho-168



72

Incident Energy (MeV)

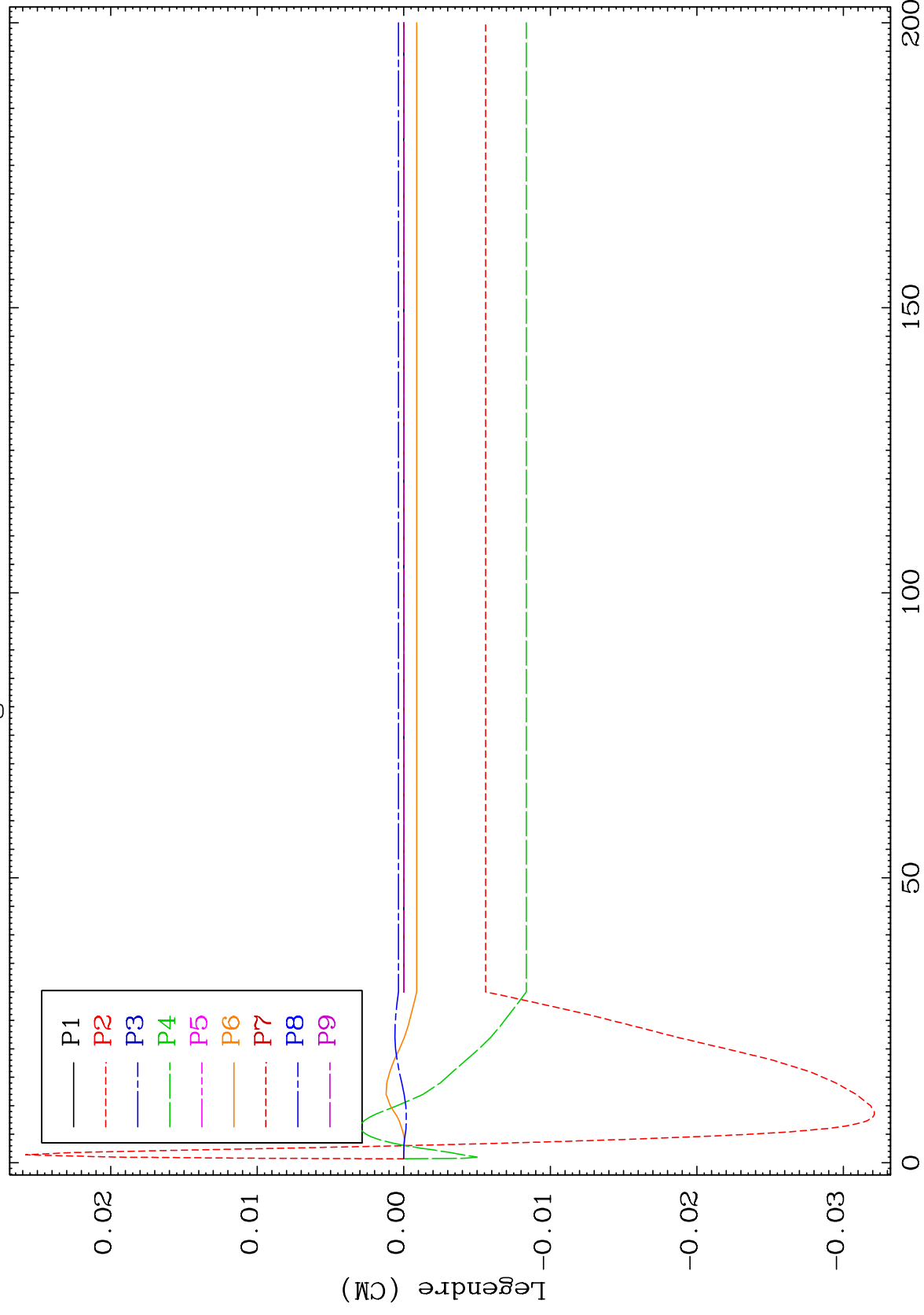
67-Ho-168



MAT 6734

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

67-Ho-168



74

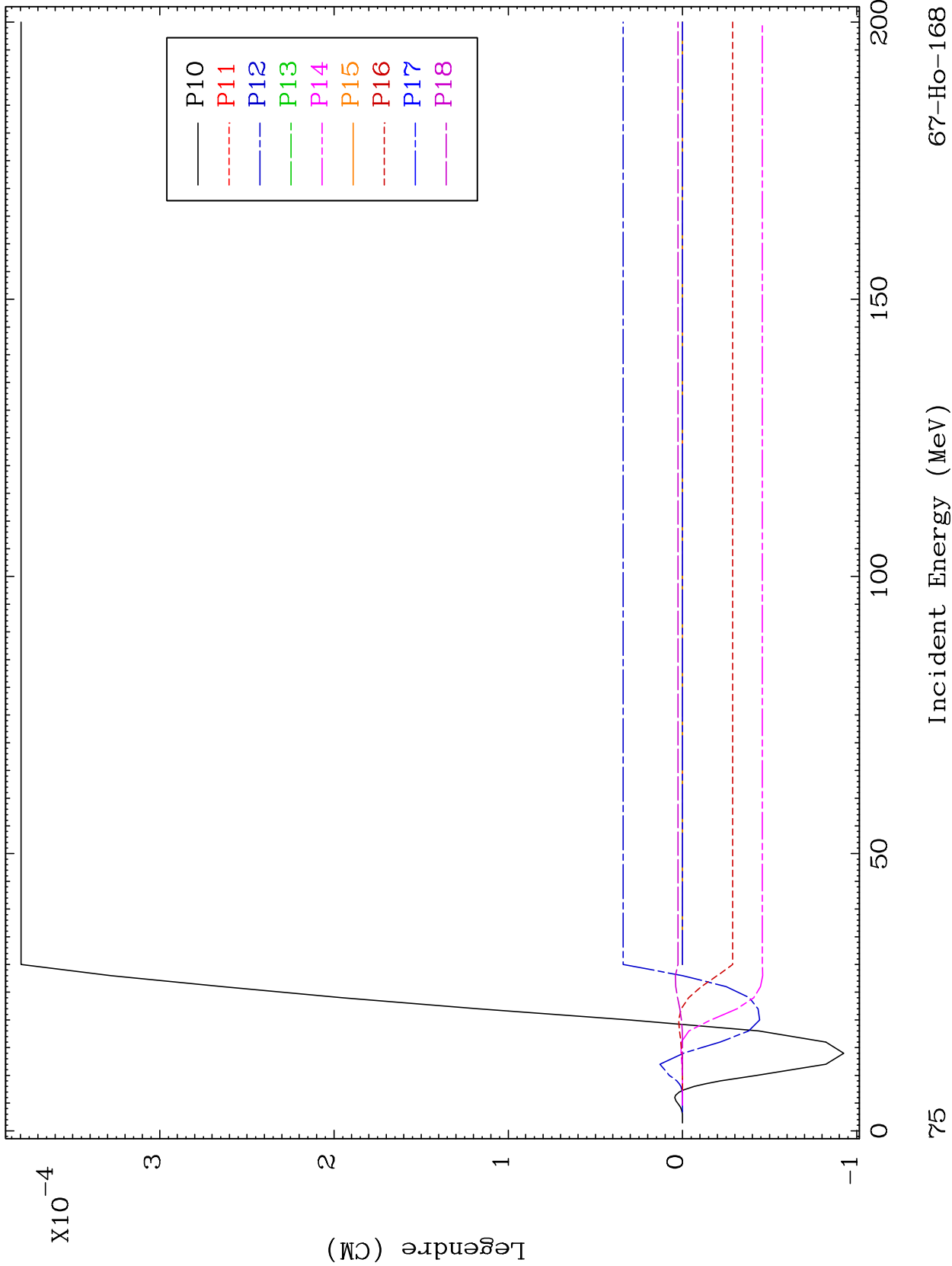
Incident Energy (MeV)

67-Ho-168

MAT 6734

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

67-Ho-168



67-Ho-168

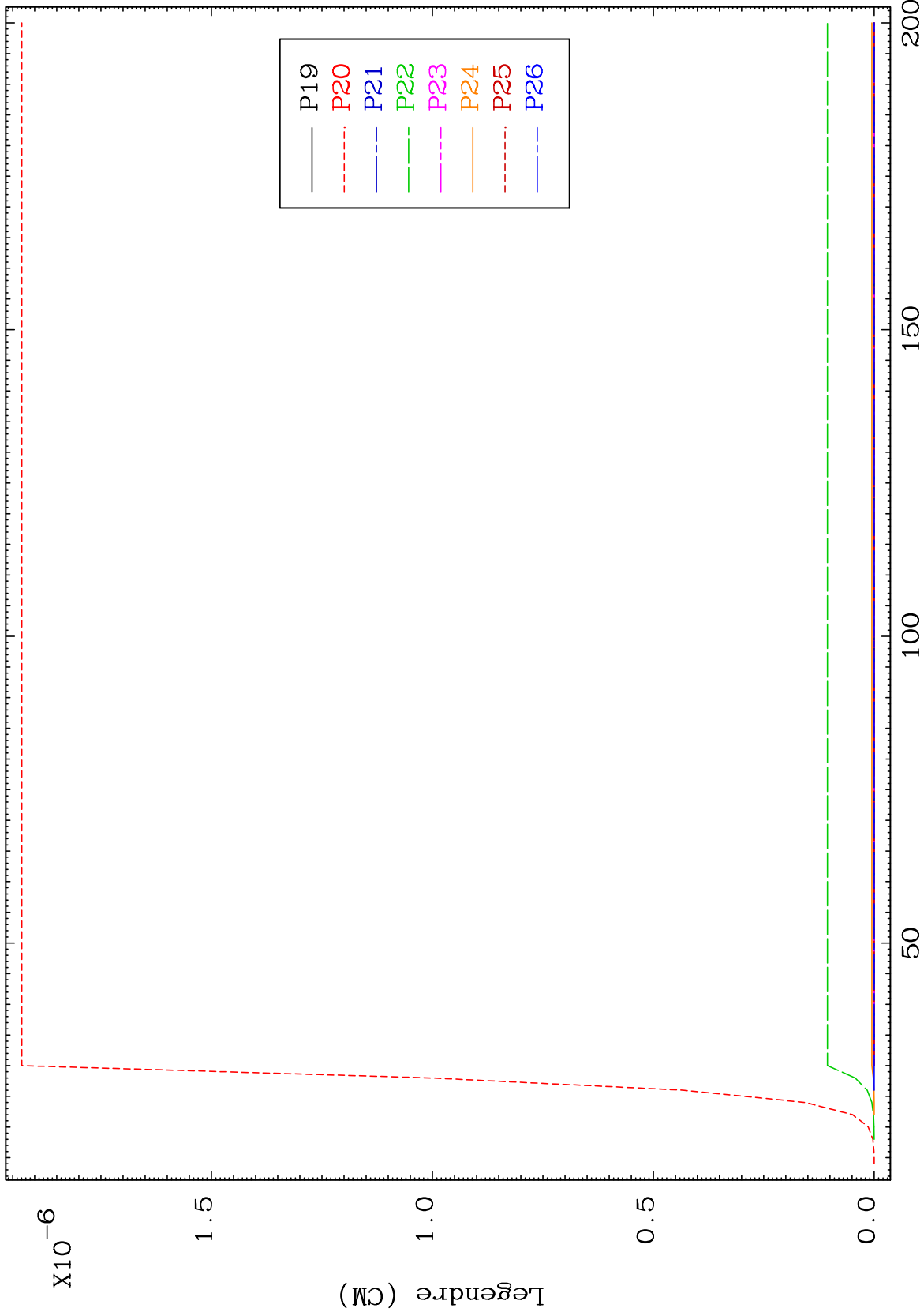
Incident Energy (MeV)

75

MAT 6734

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

67-Ho-168



76

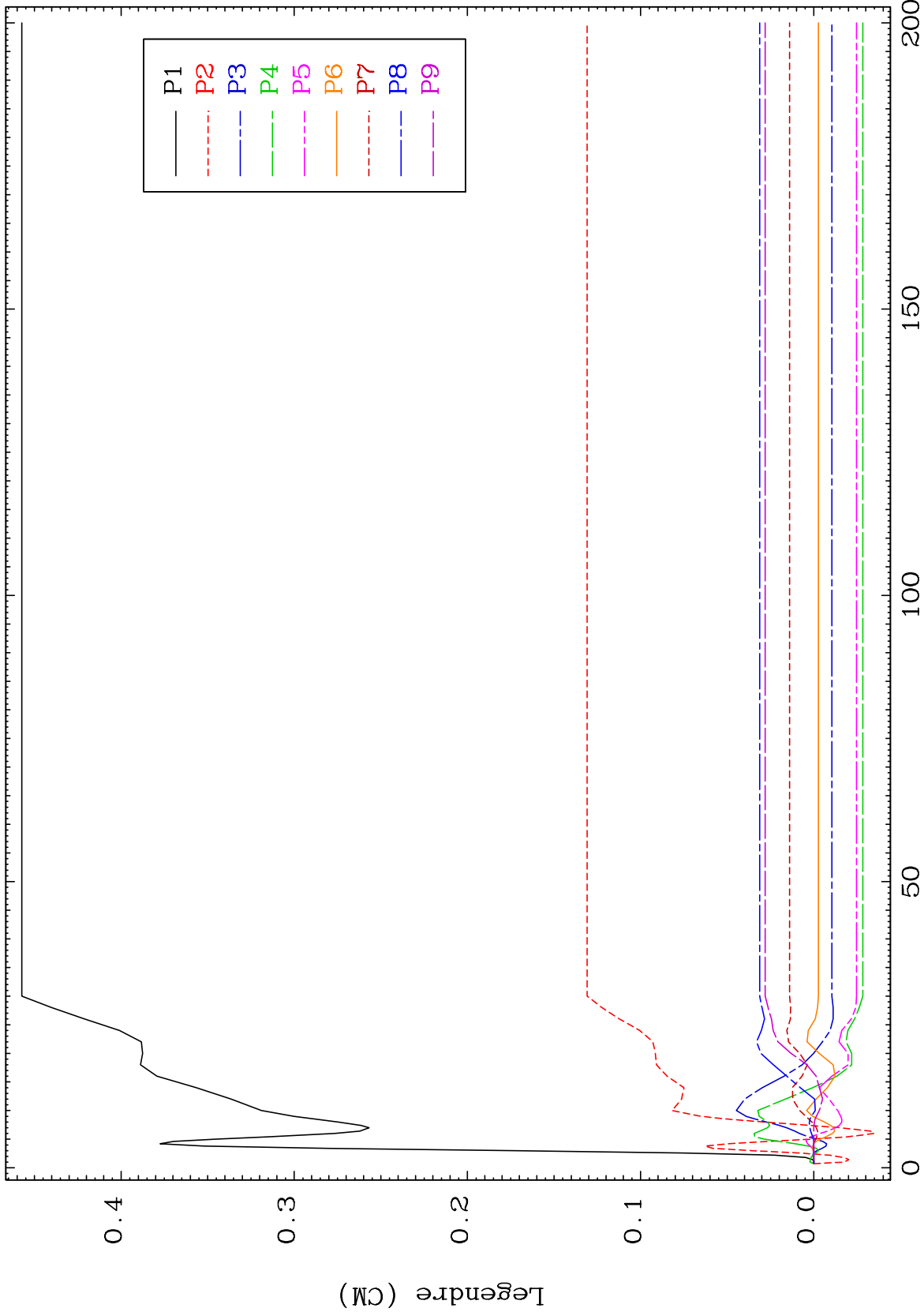
Incident Energy (MeV)

67-Ho-168

MAT 6734

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

67-Ho-168



77

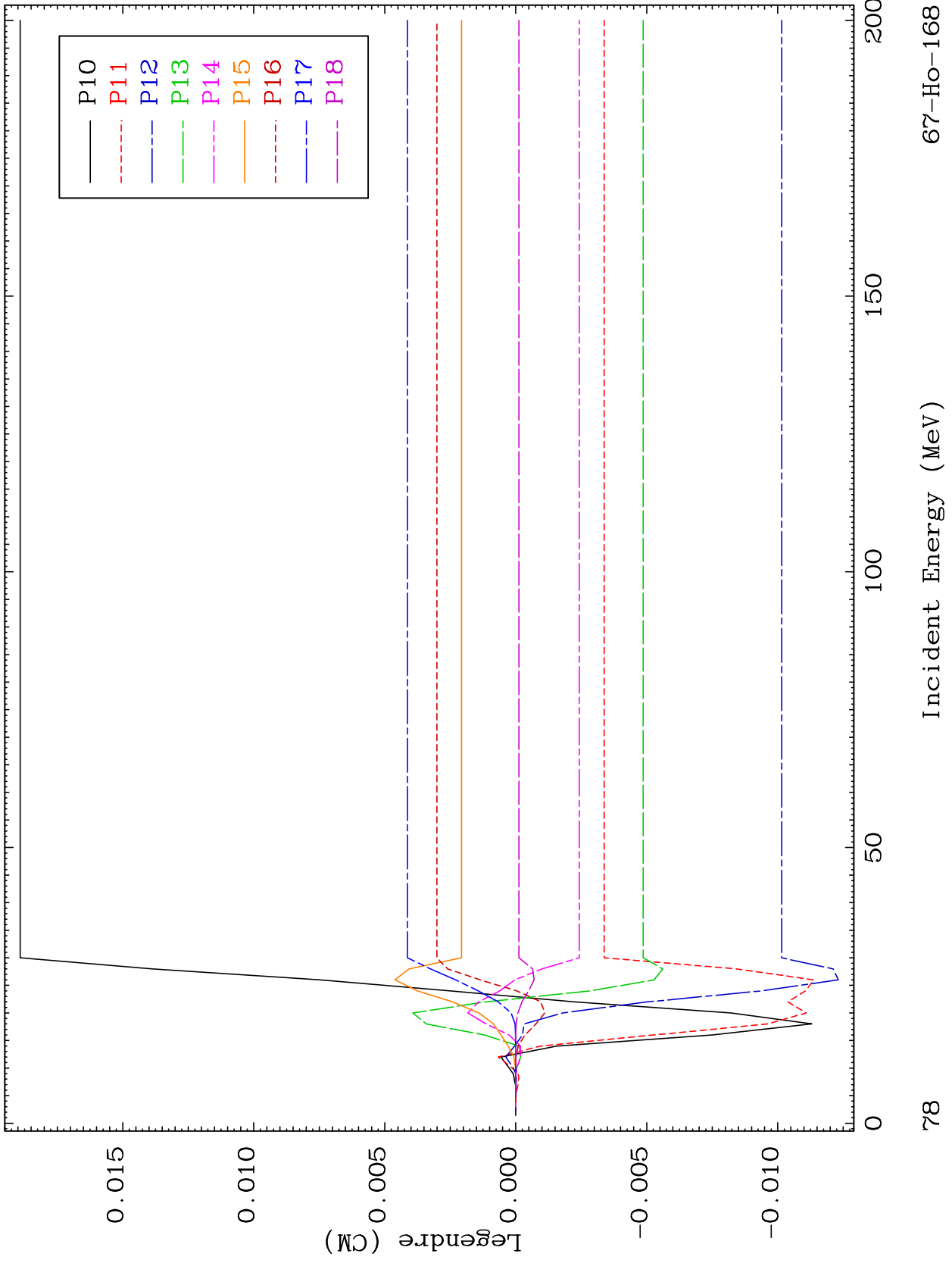
Incident Energy (MeV)

67-Ho-168

MAT 6734

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

67-Ho-168



78

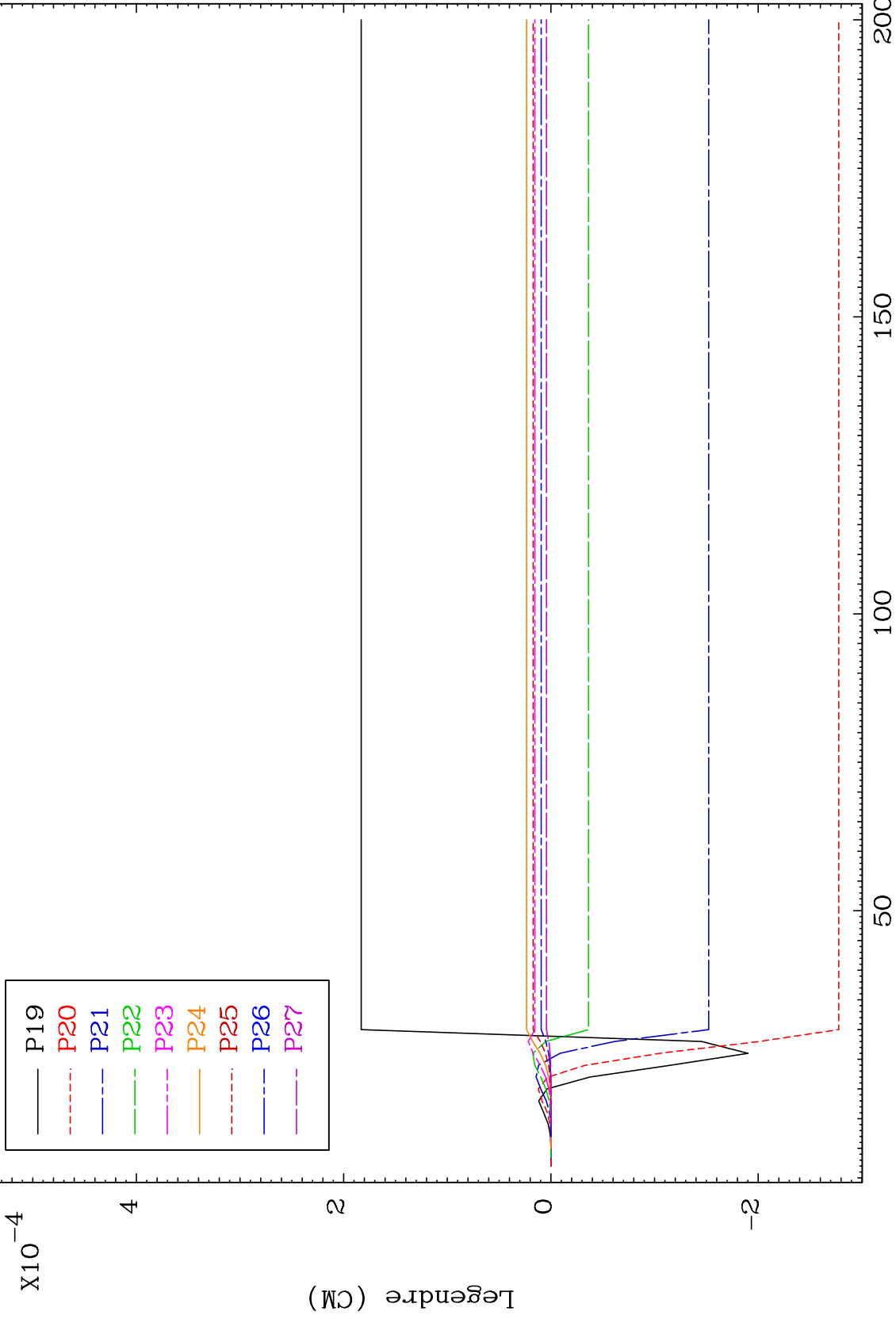
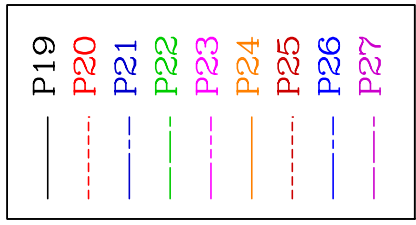
Incident Energy (MeV)

67-Ho-168

MAT 6734

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

67-Ho-168



79

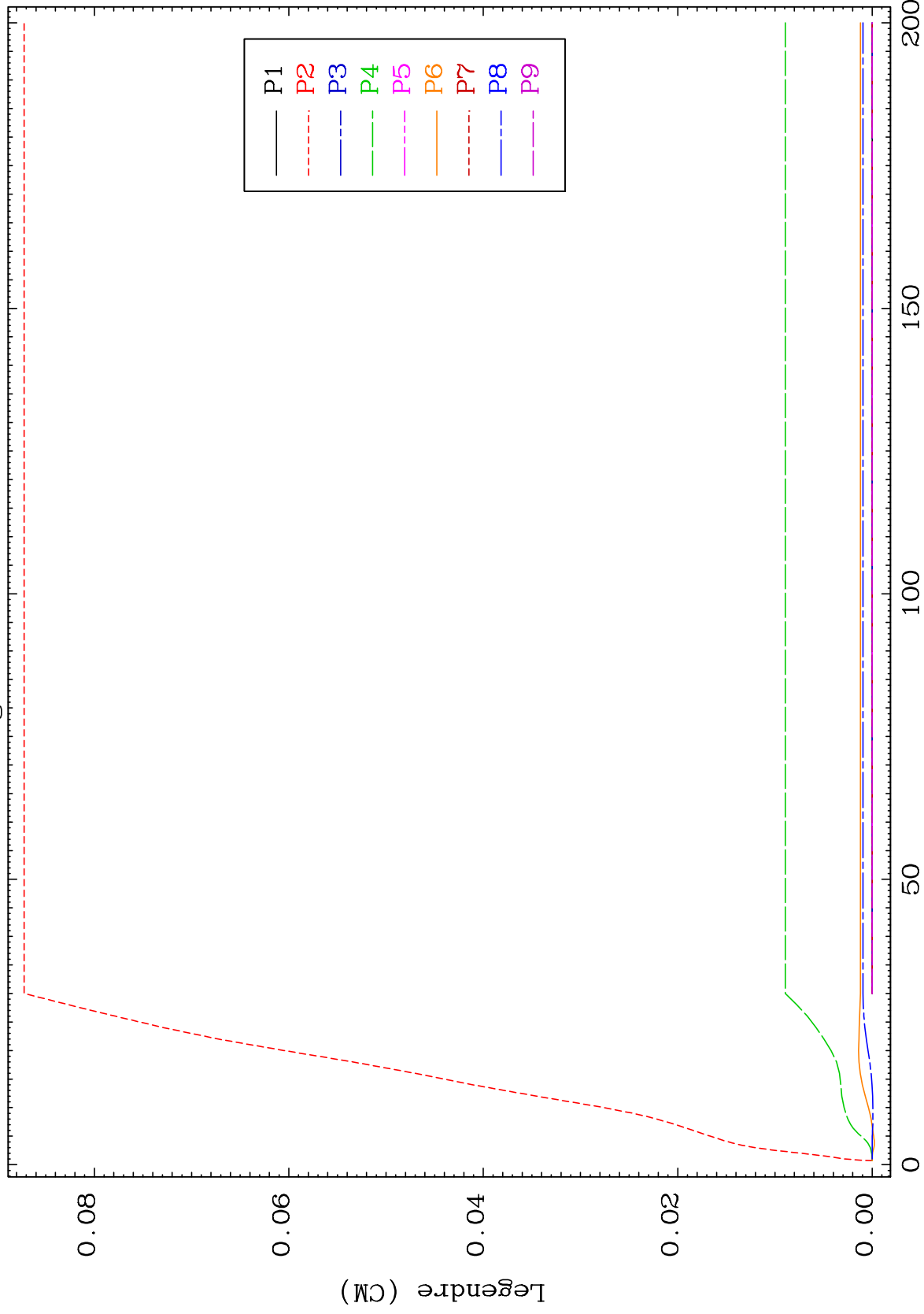
Incident Energy (MeV)

67-Ho-168

MAT 6734

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

67-Ho-168



67-Ho-168

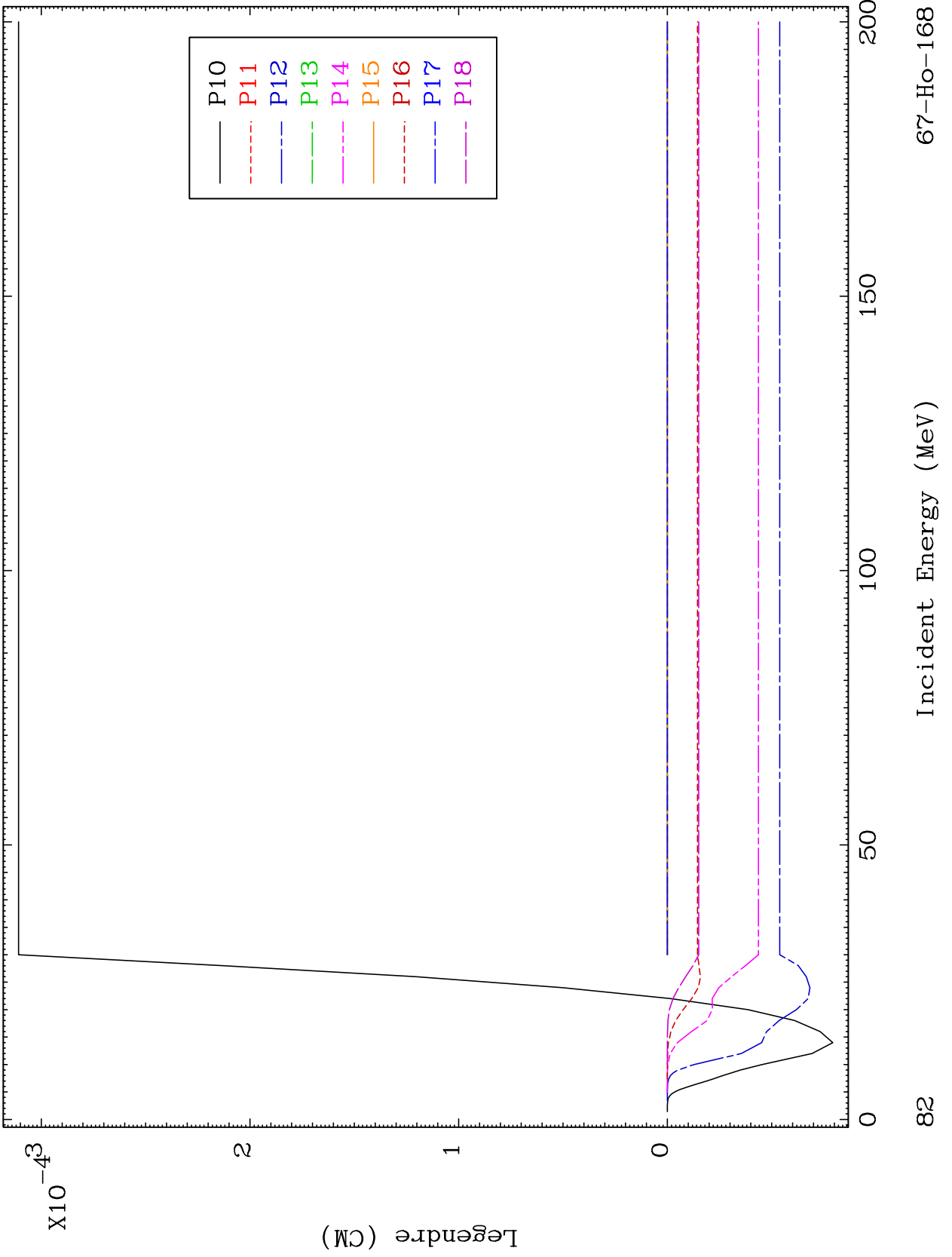
Incident Energy (MeV)

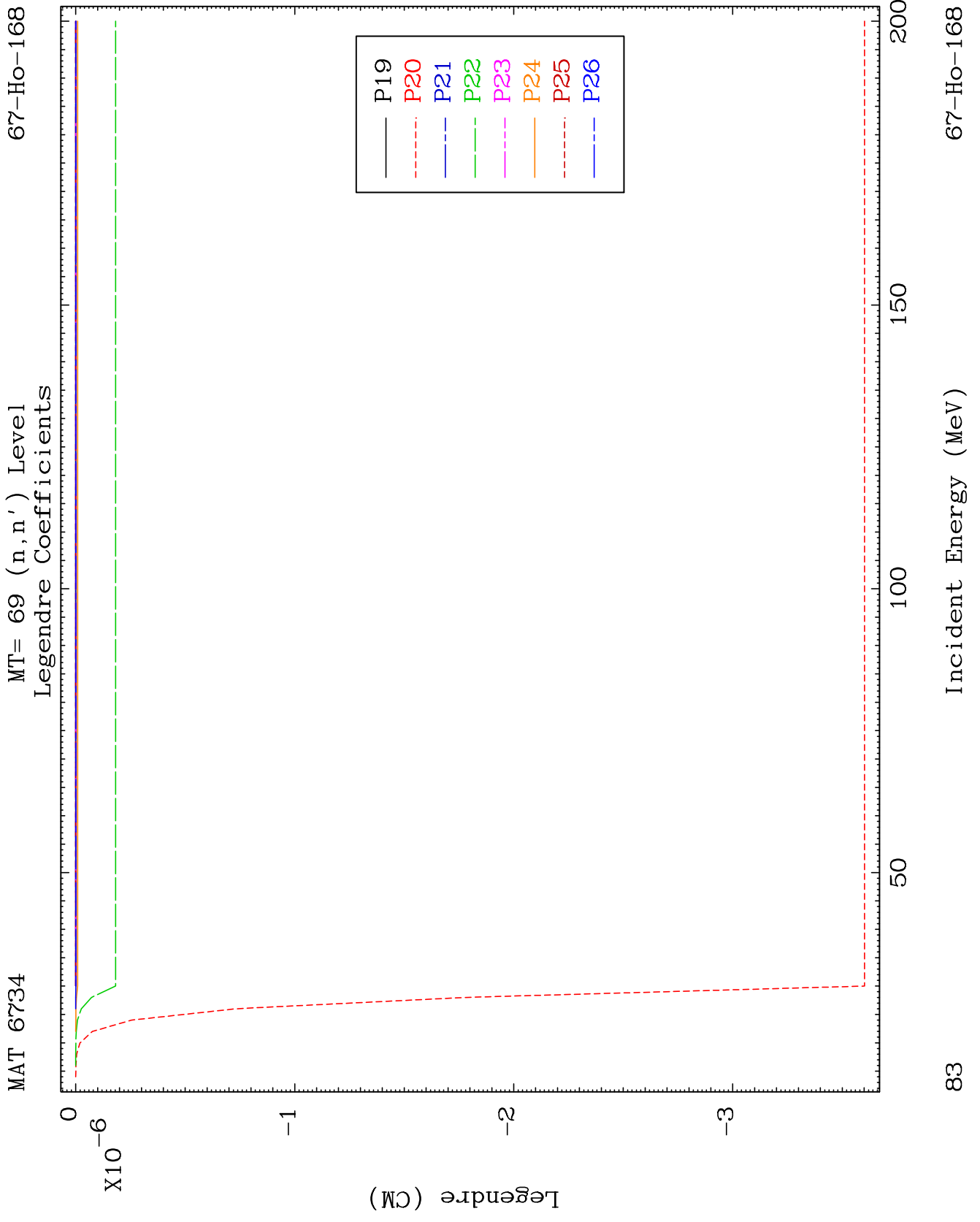
81

MAT 6734

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

67-Ho-168

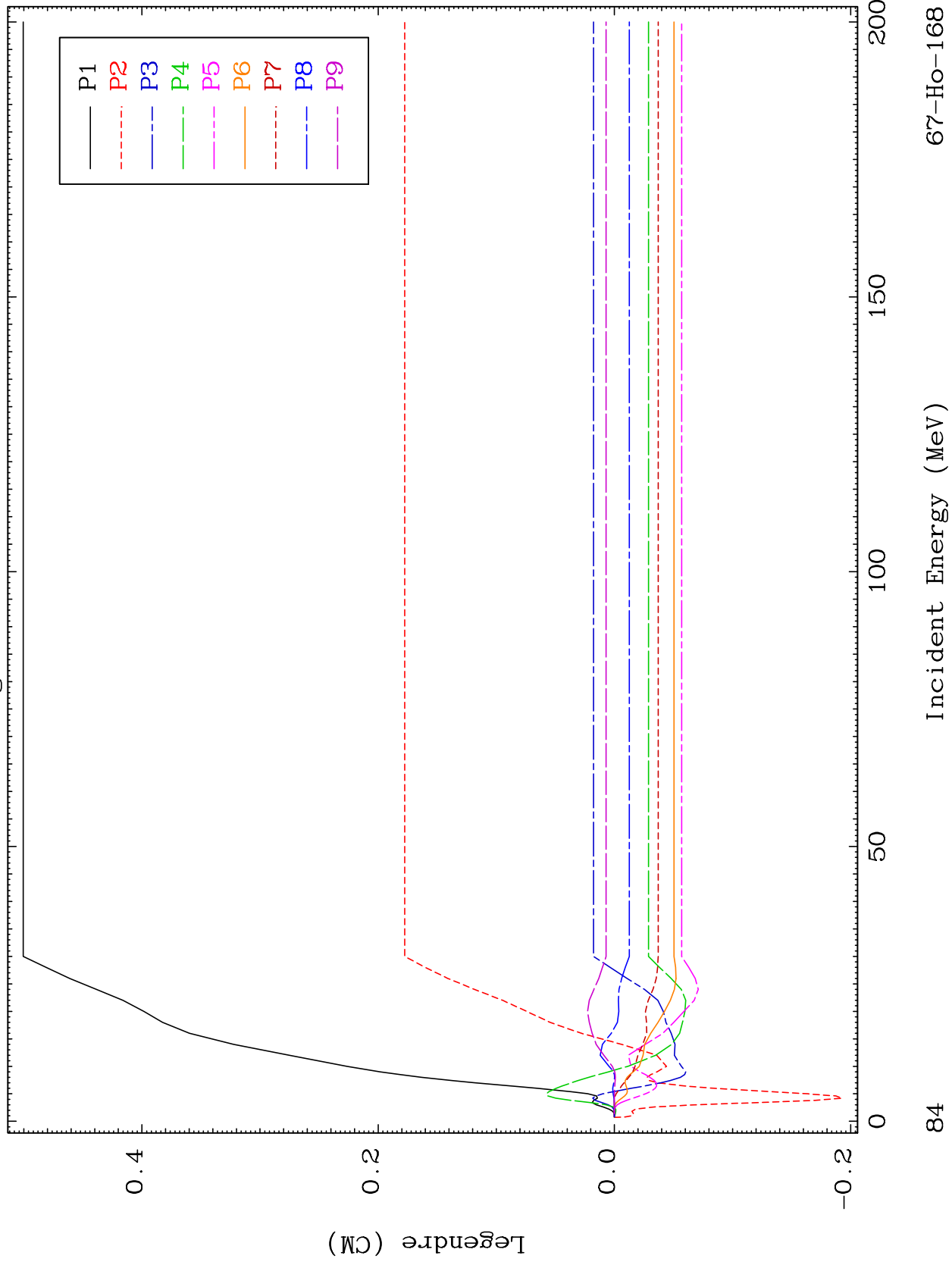




MAT 6734

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

67-Ho-168



67-Ho-168

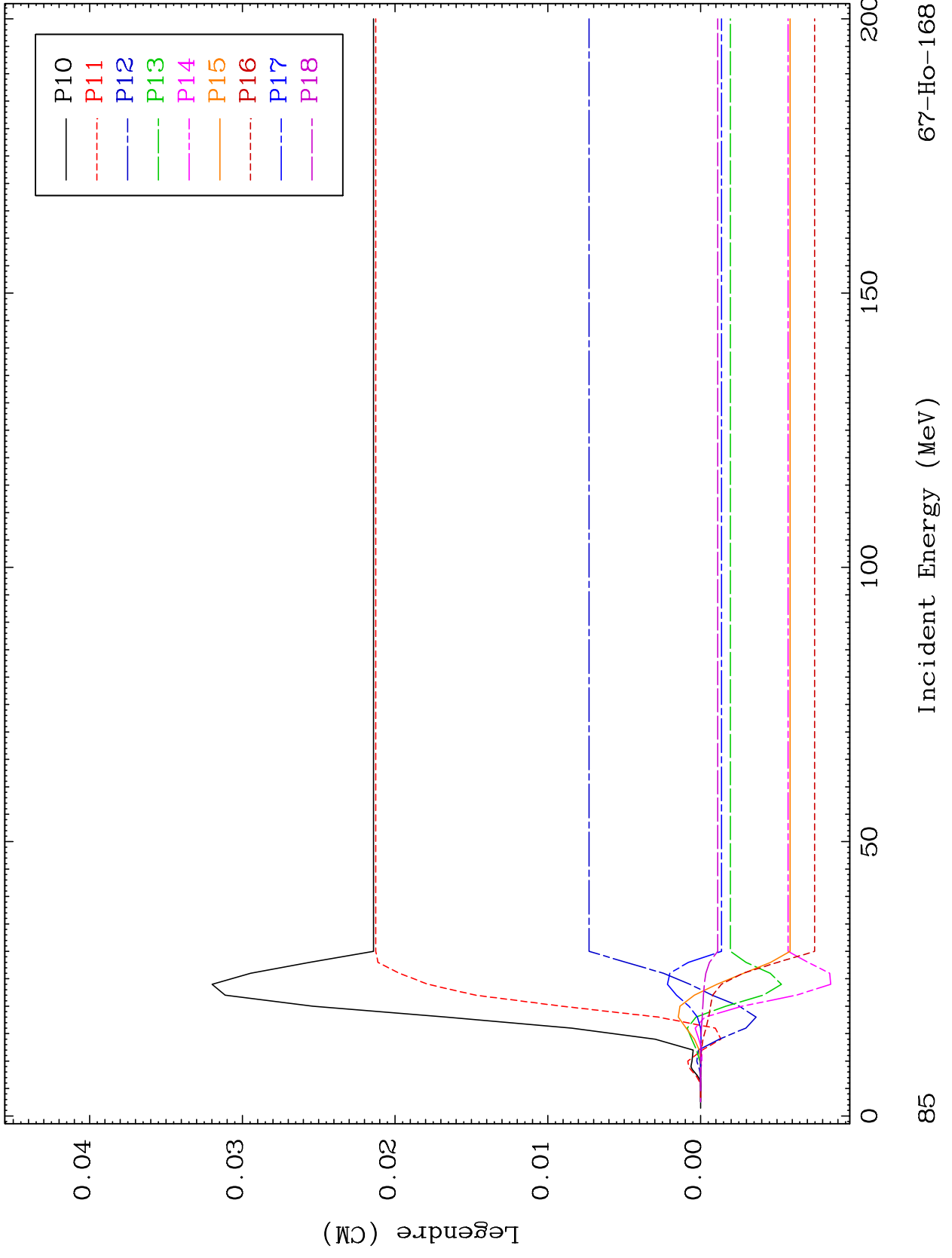
Incident Energy (MeV)

84

MAT 6734

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

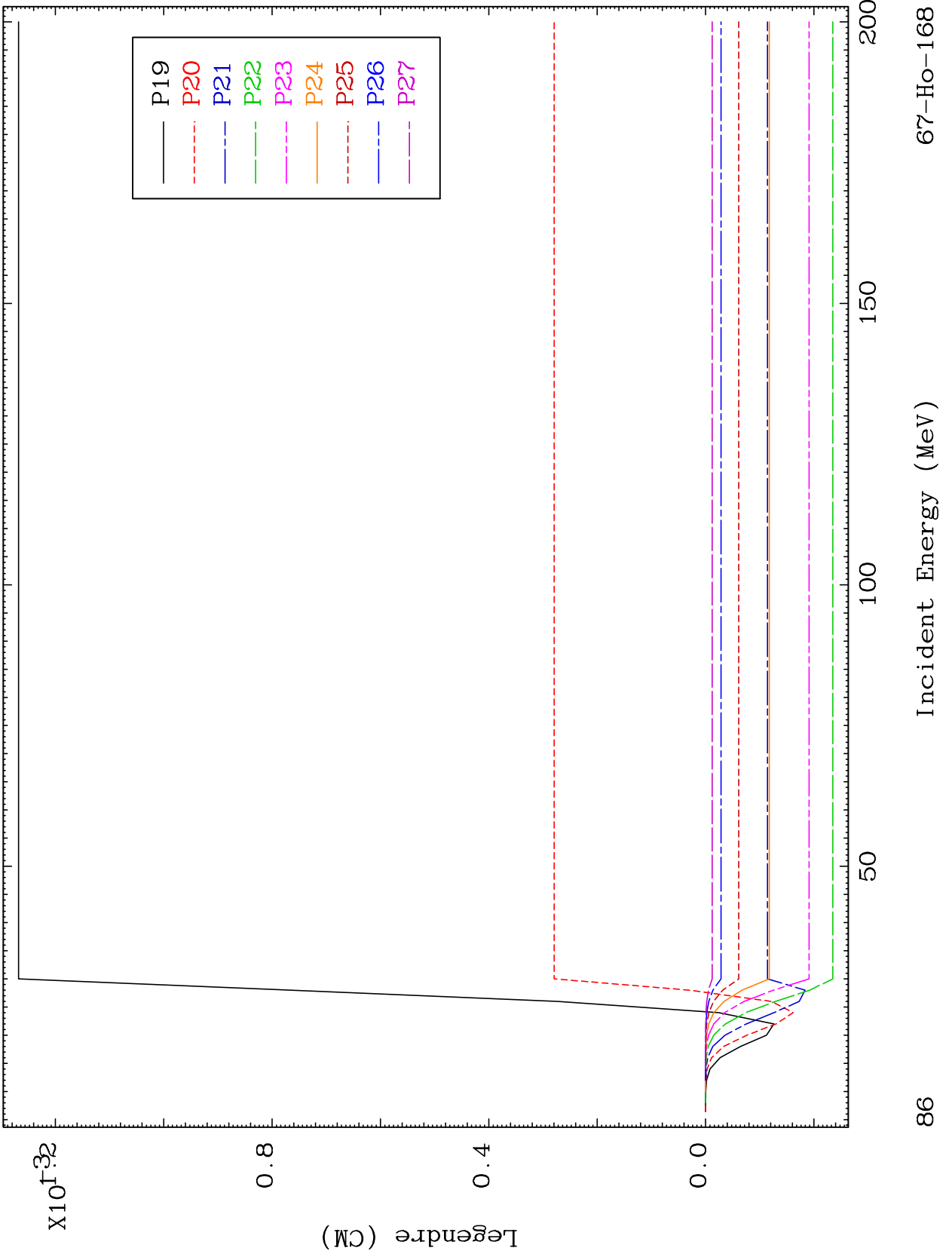
67-Ho-168



67-Ho-168

Incident Energy (MeV)

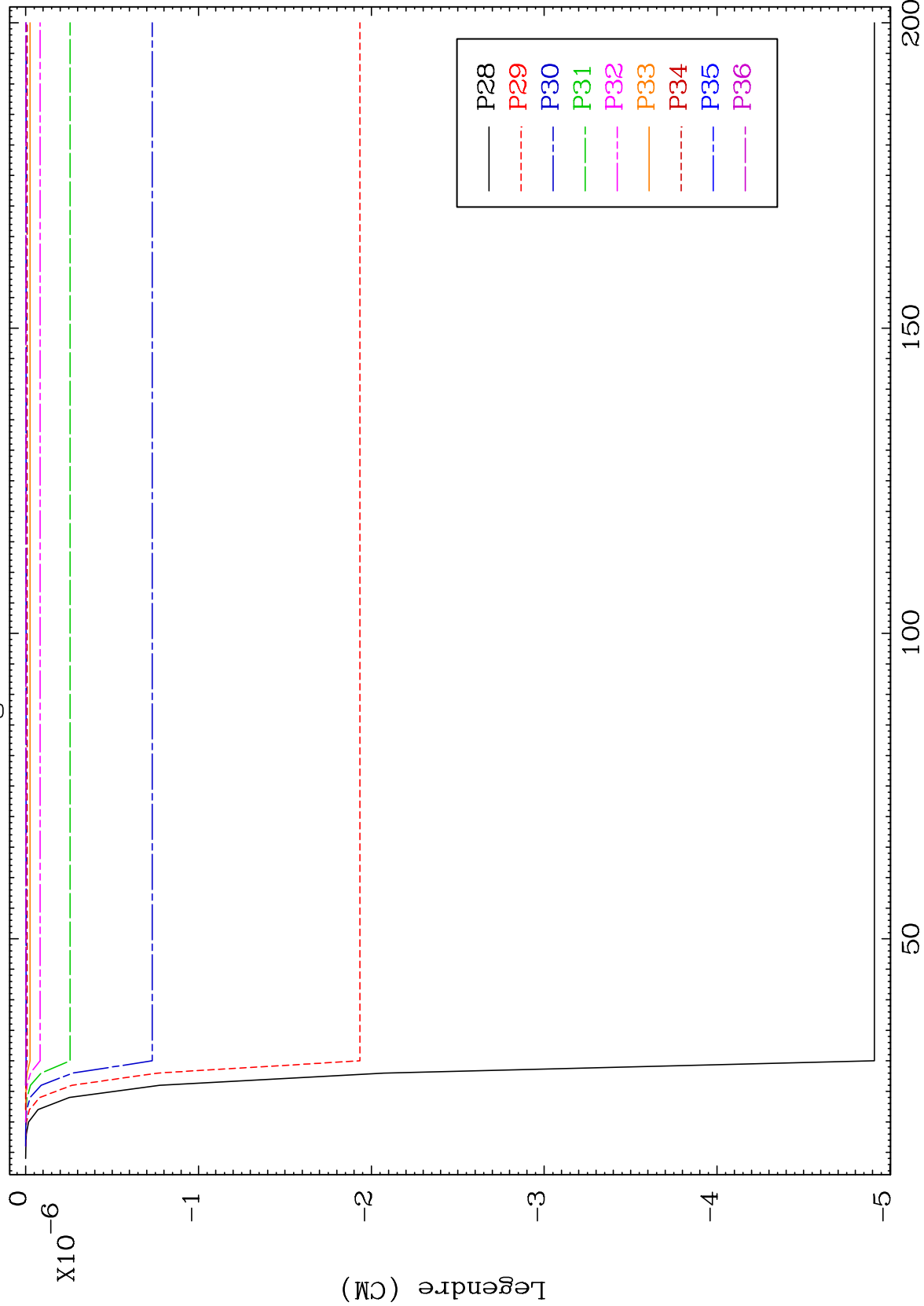
85



MAT 6734

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

67-Ho-168



87

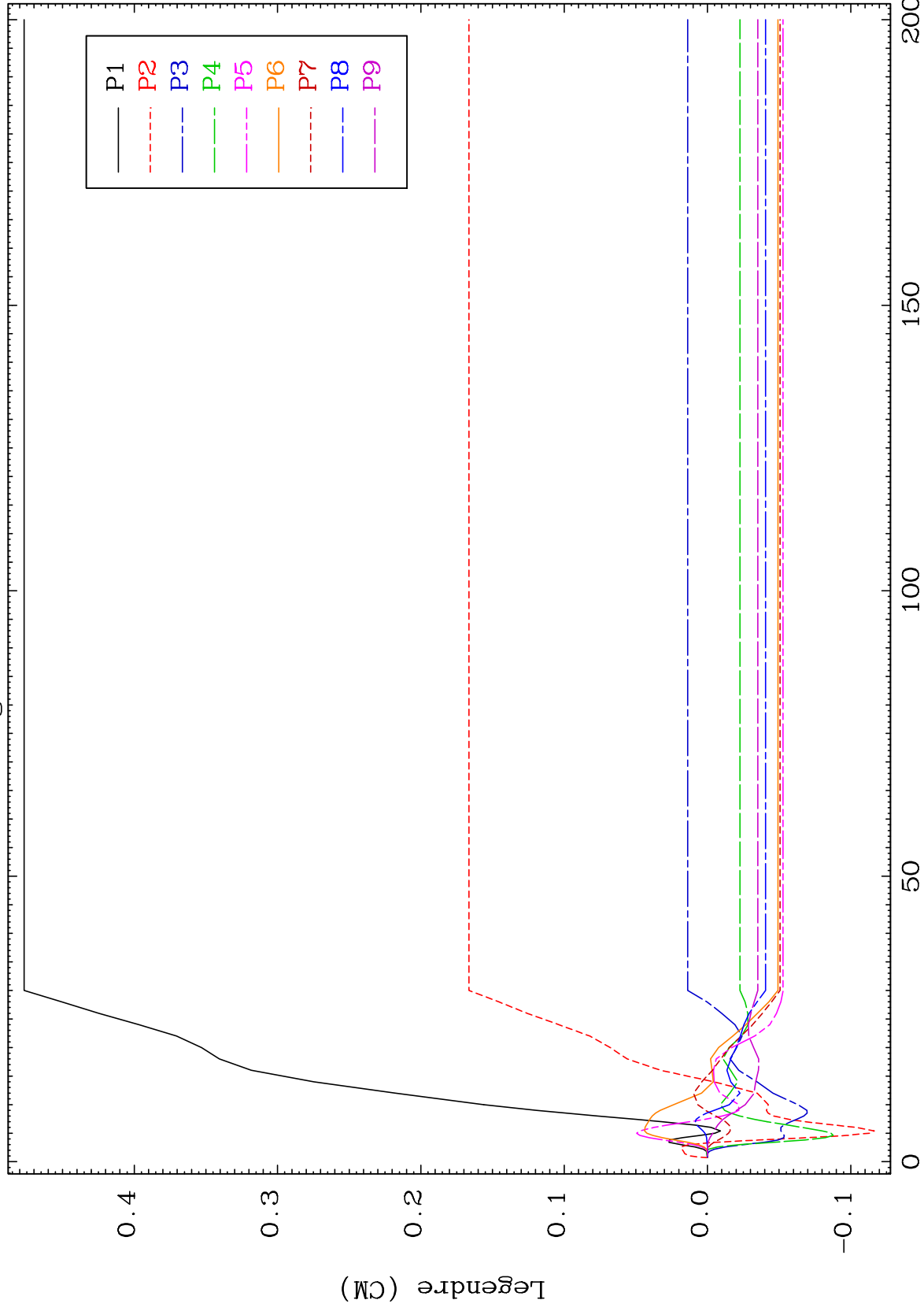
Incident Energy (MeV)

67-Ho-168

MAT 6734

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

67-Ho-168



88

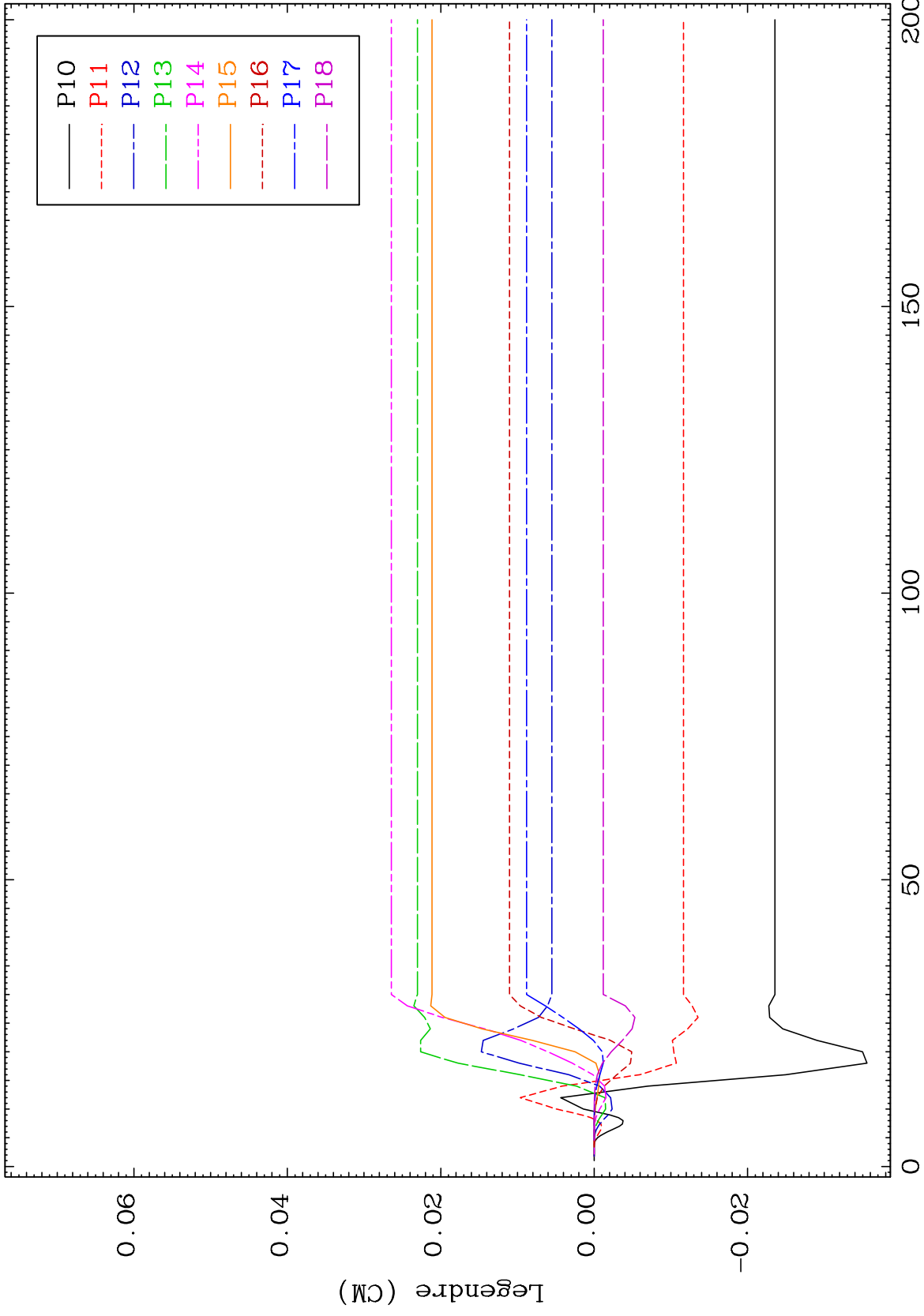
Incident Energy (MeV)

67-Ho-168

MAT 6734

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

67-Ho-168



89

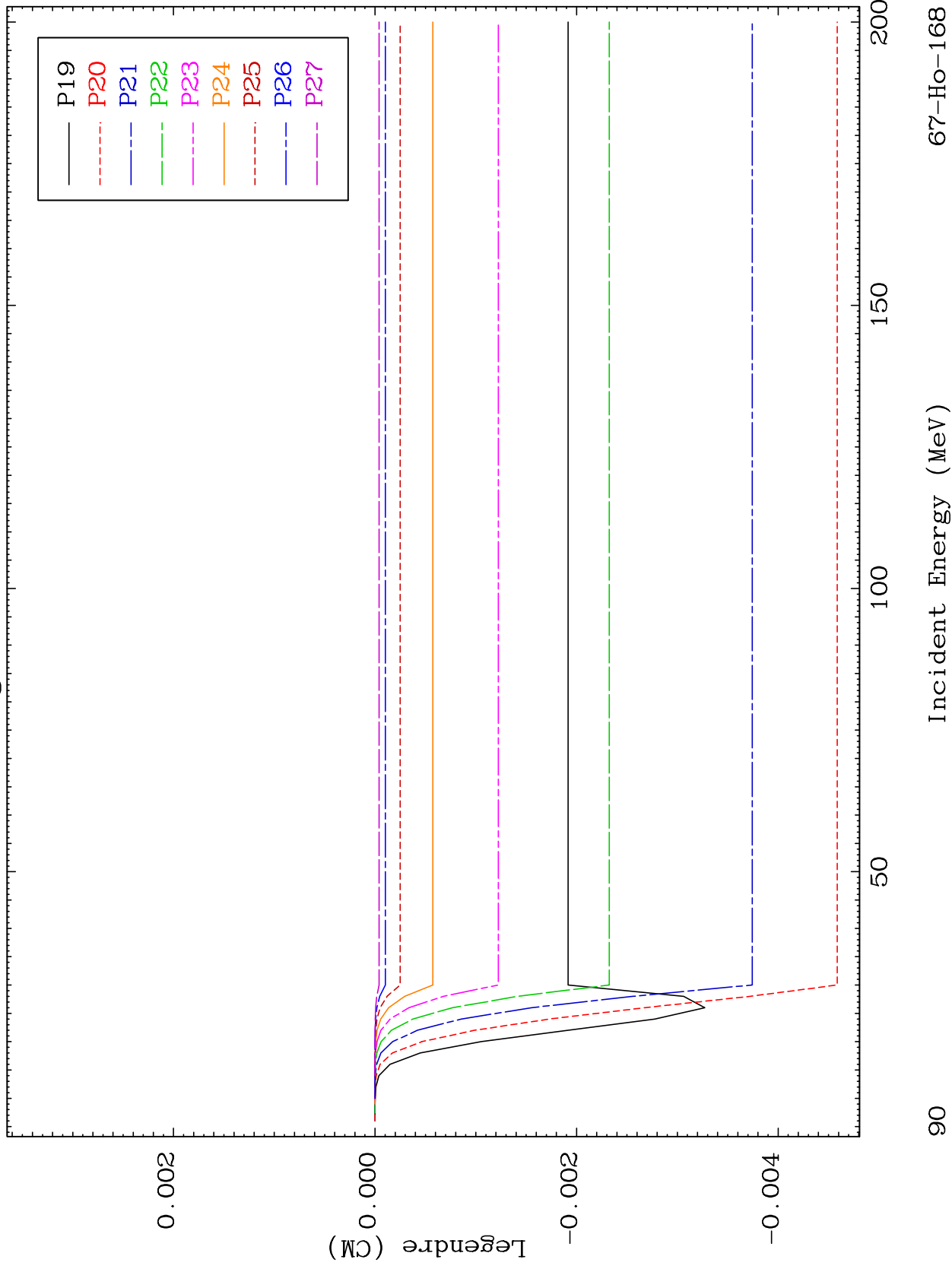
Incident Energy (MeV)

67-Ho-168

MAT 6734

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

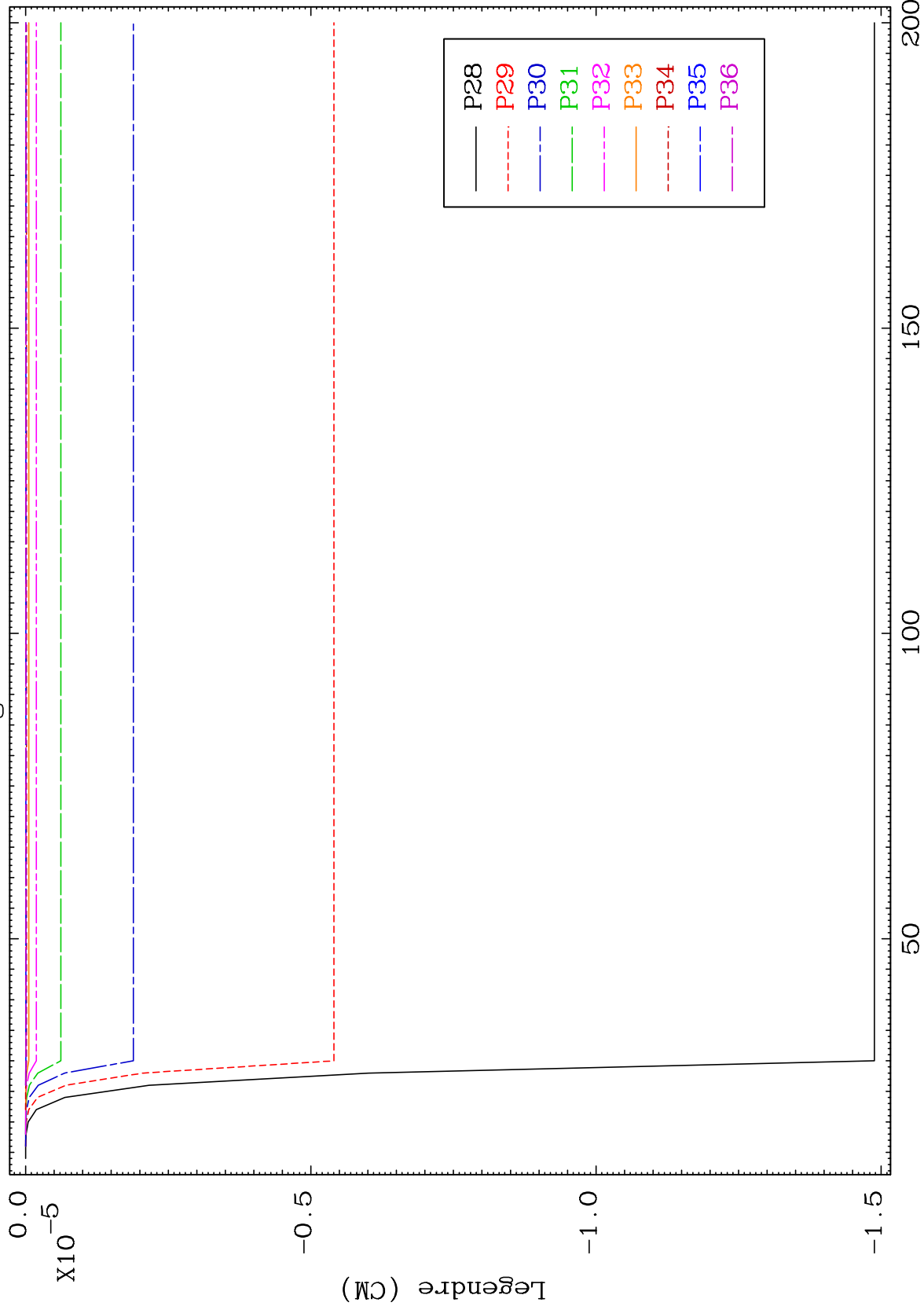
67-Ho-168



90

Incident Energy (MeV)

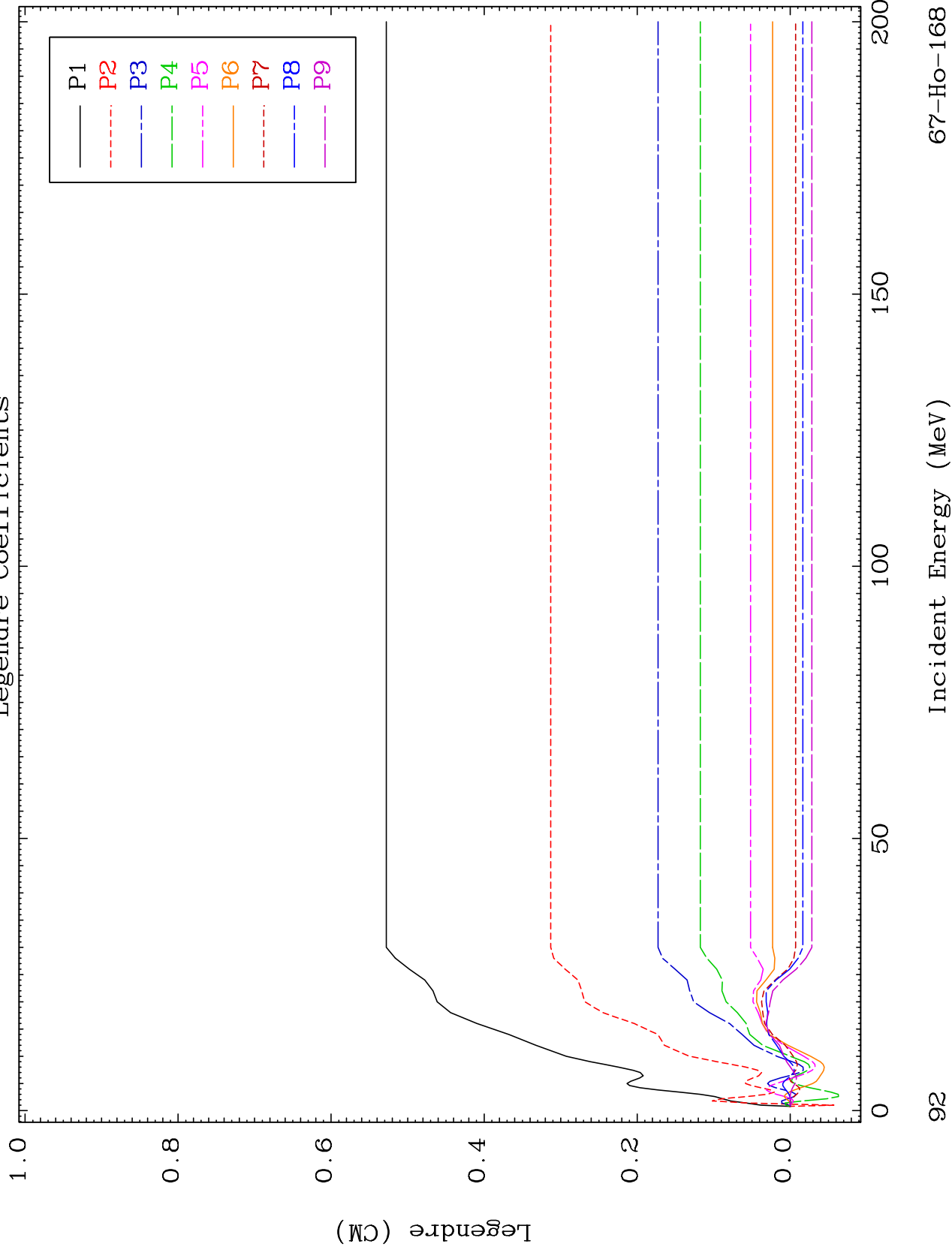
67-Ho-168



MAT 6734

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

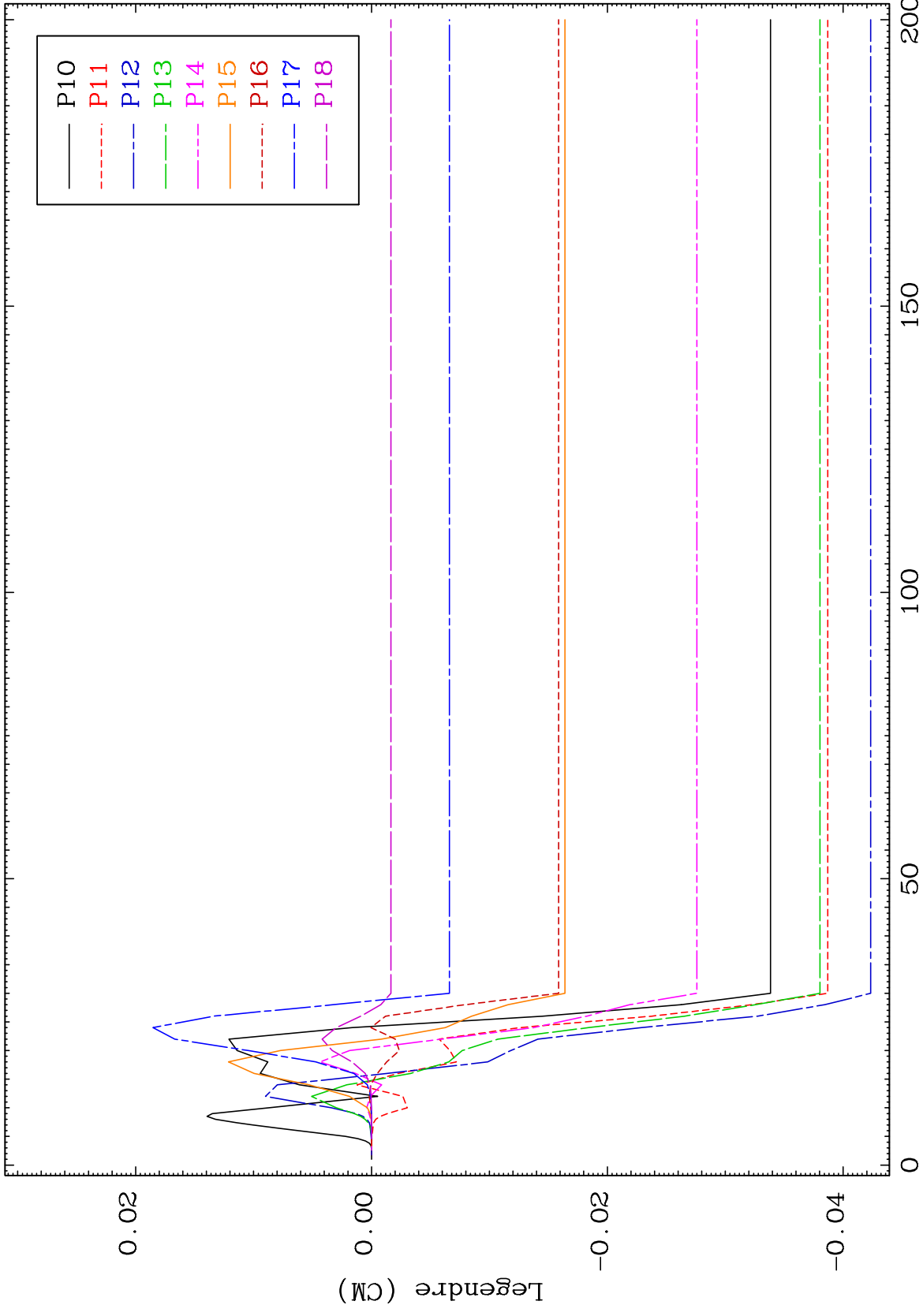
67-Ho-168



MAT 6734

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

67-Ho-168



93

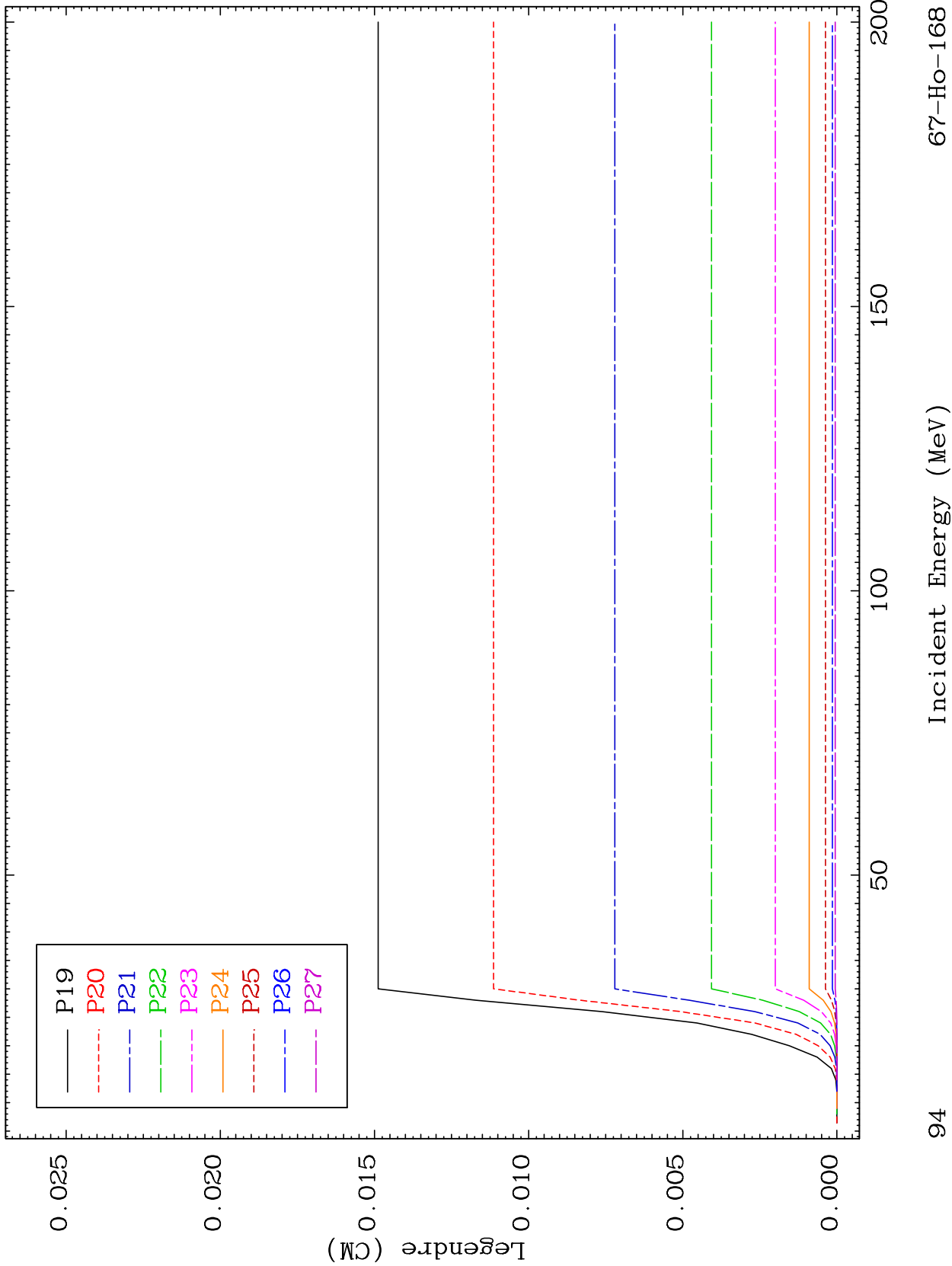
Incident Energy (MeV)

67-Ho-168

MAT 6734

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

67-Ho-168



94

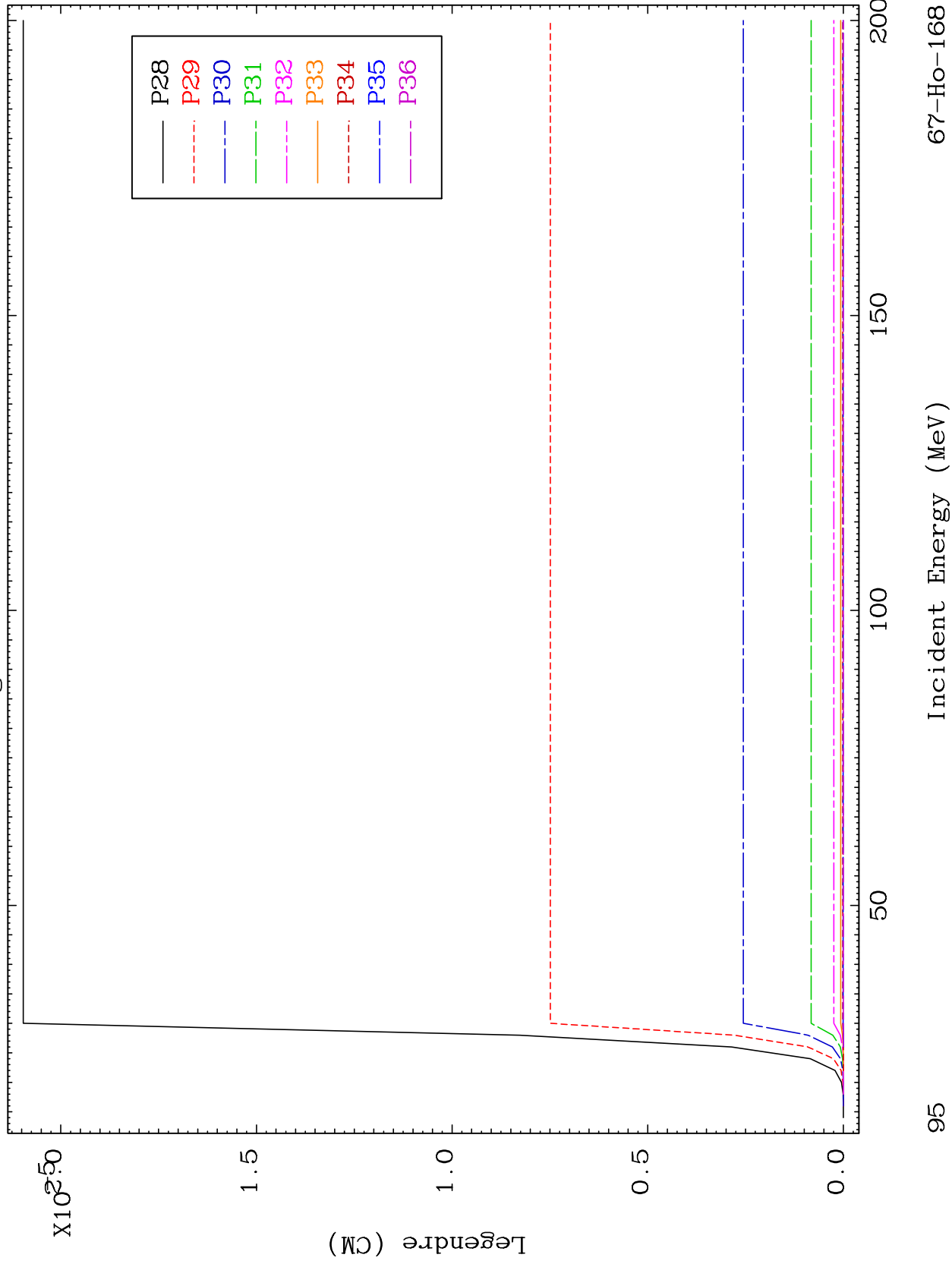
Incident Energy (MeV)

67-Ho-168

MAT 6734

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

67-Ho-168



95

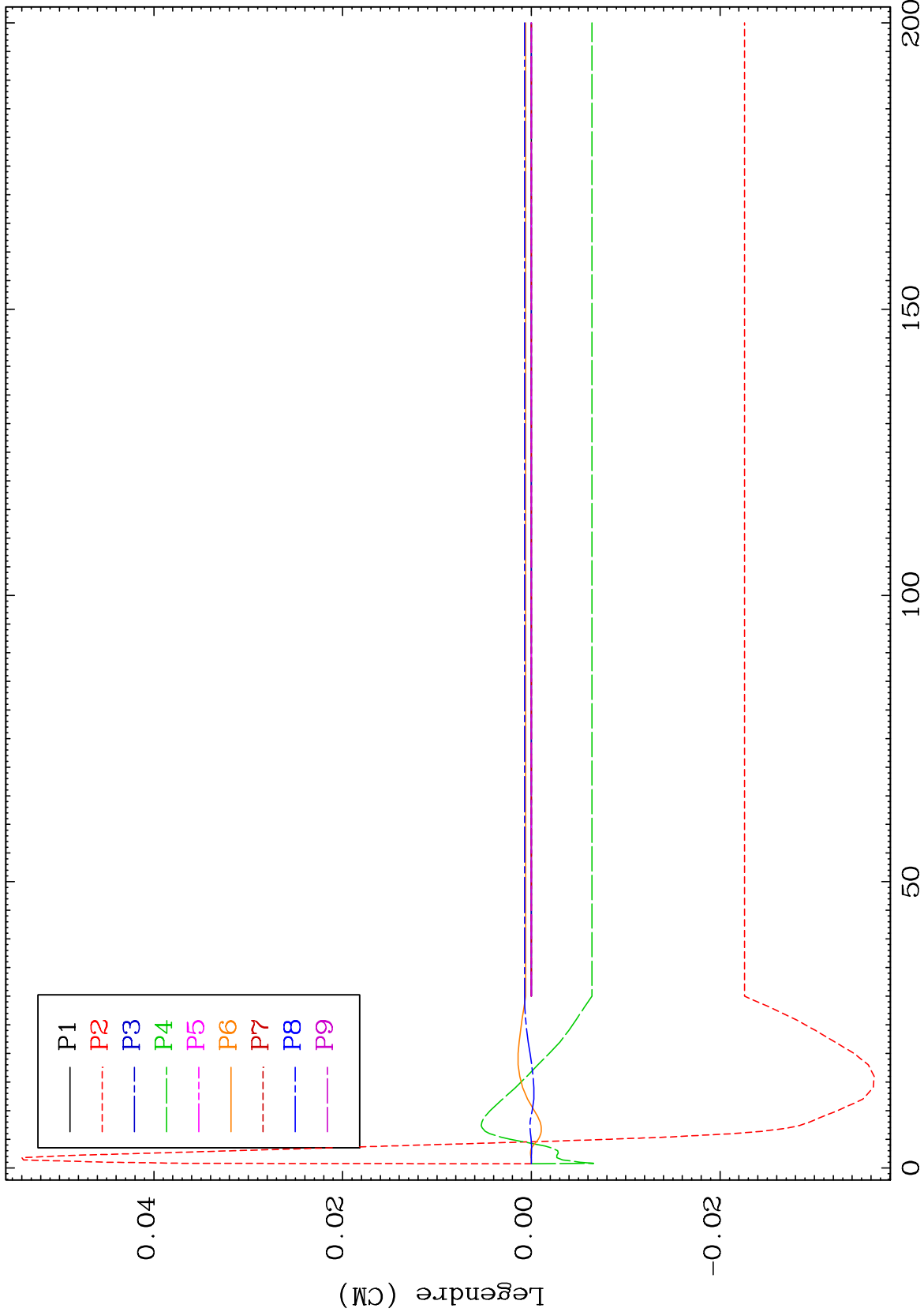
Incident Energy (MeV)

67-Ho-168

MAT 6734

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

67-Ho-168



96

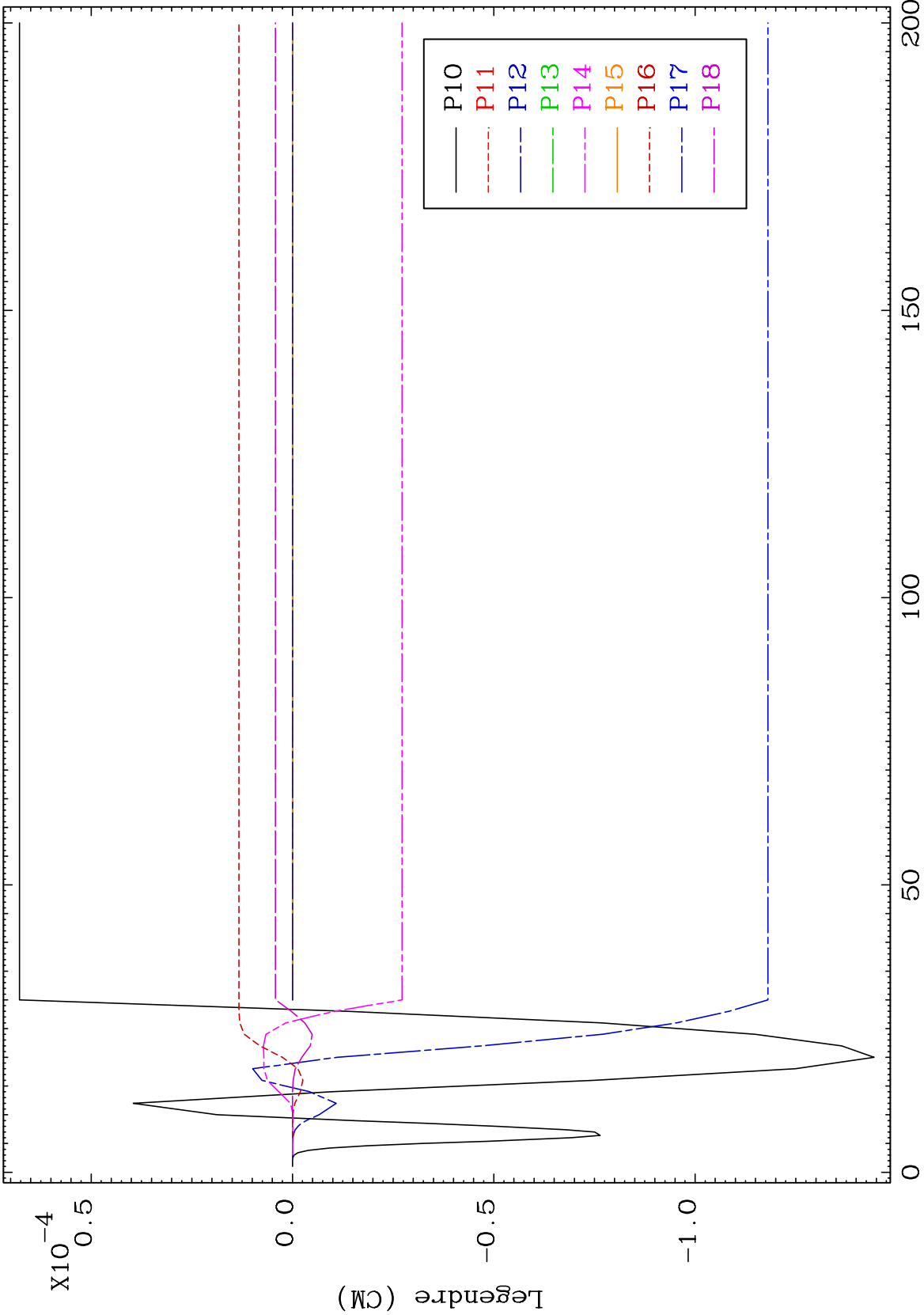
Incident Energy (MeV)

67-Ho-168

MAT 6734

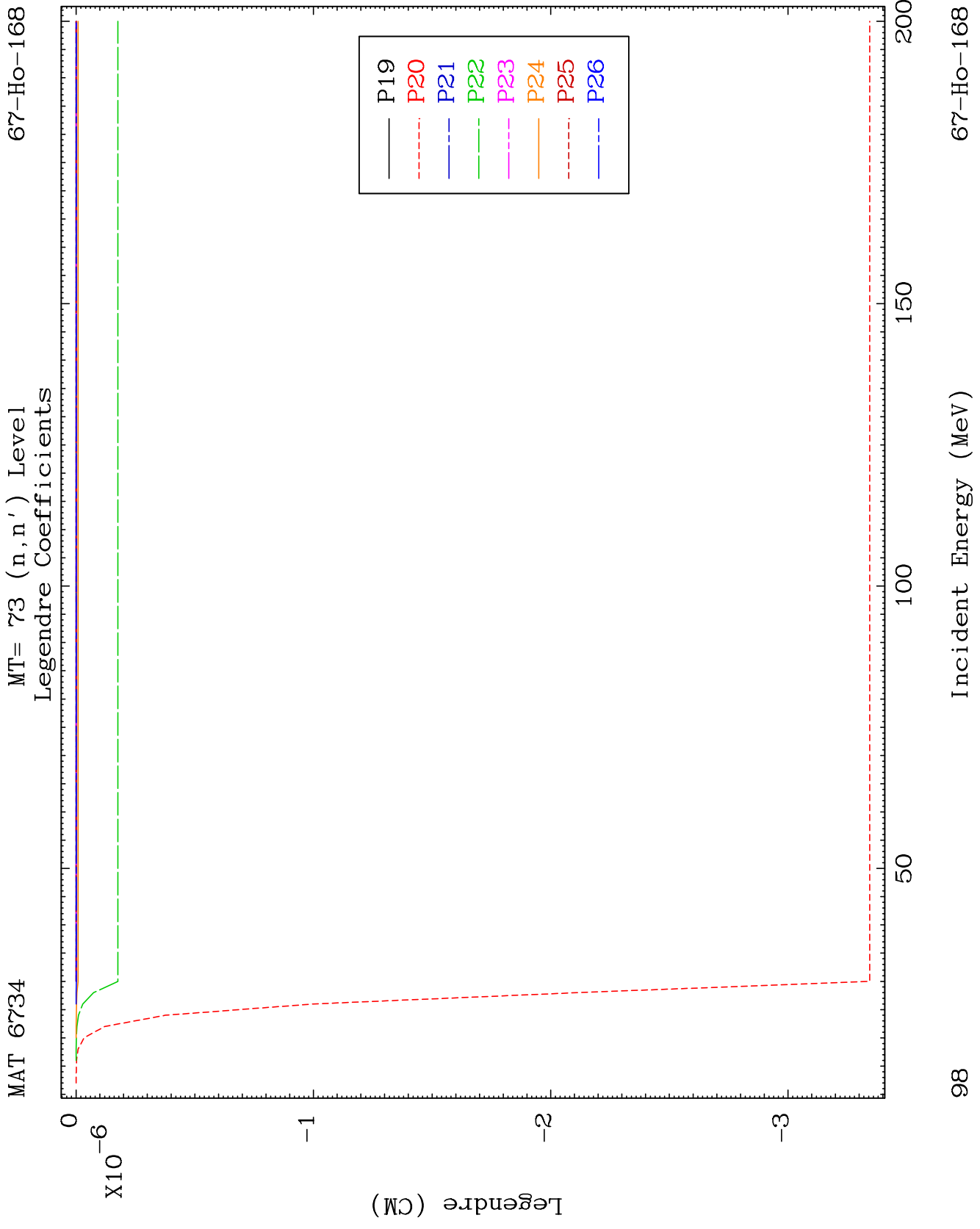
MT= 73 (n,n') Level
Legendre Coefficients

67-Ho-168



97

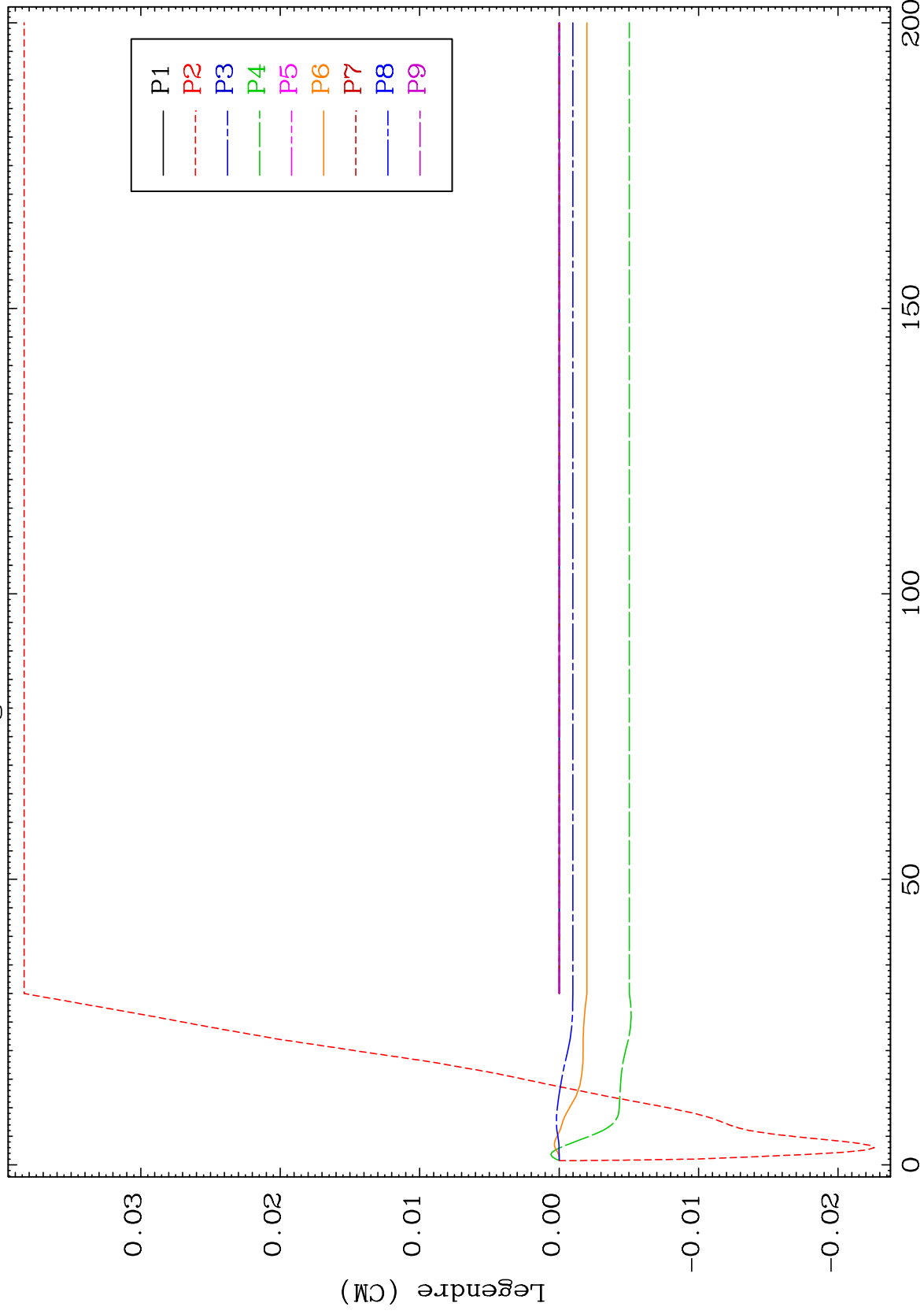
67-Ho-168



MAT 6734

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

67-Ho-168



99

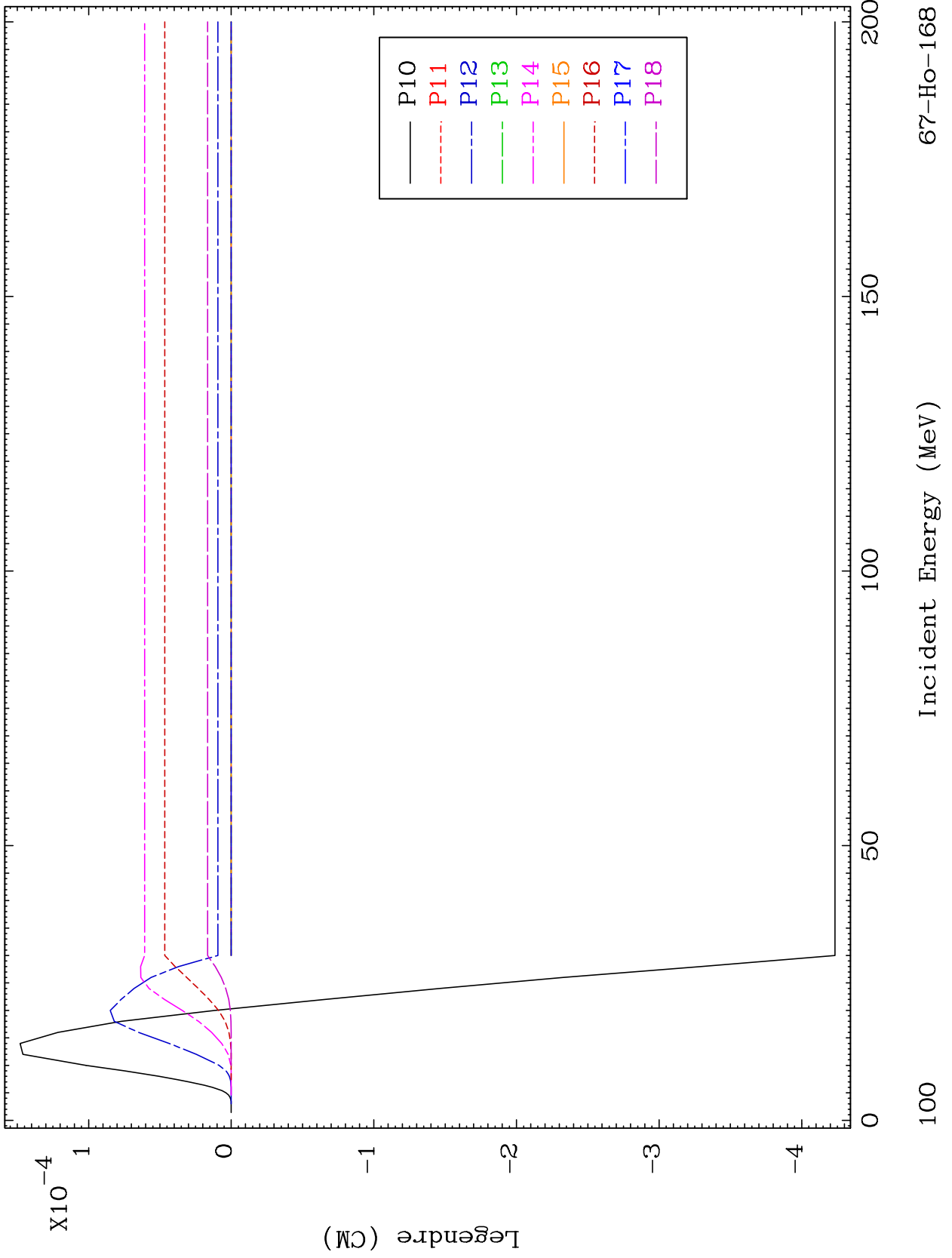
Incident Energy (MeV)

67-Ho-168

MAT 6734

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

67-Ho-168



67-Ho-168

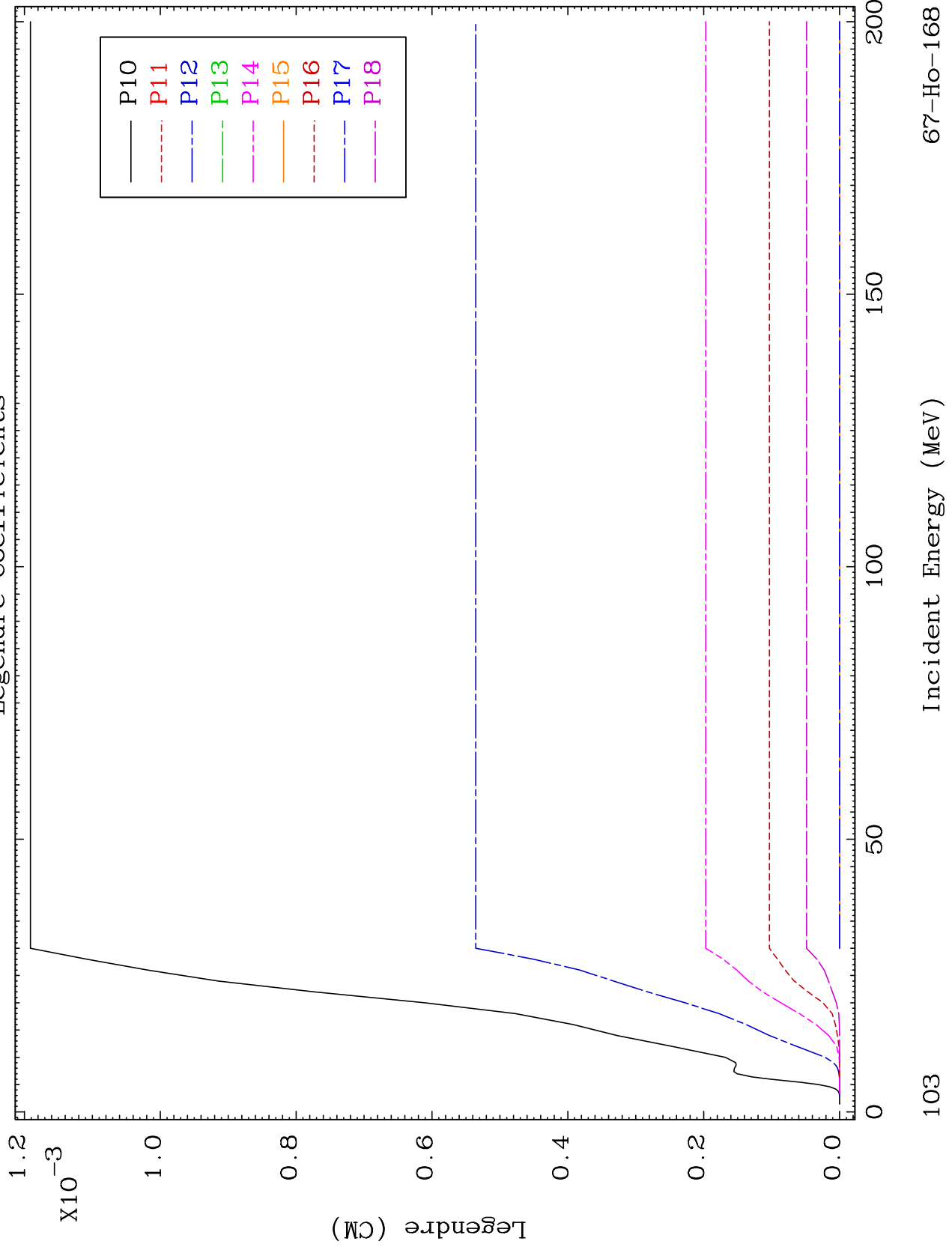
Incident Energy (MeV)

100

MAT 6734

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

67-Ho-168



67-Ho-168

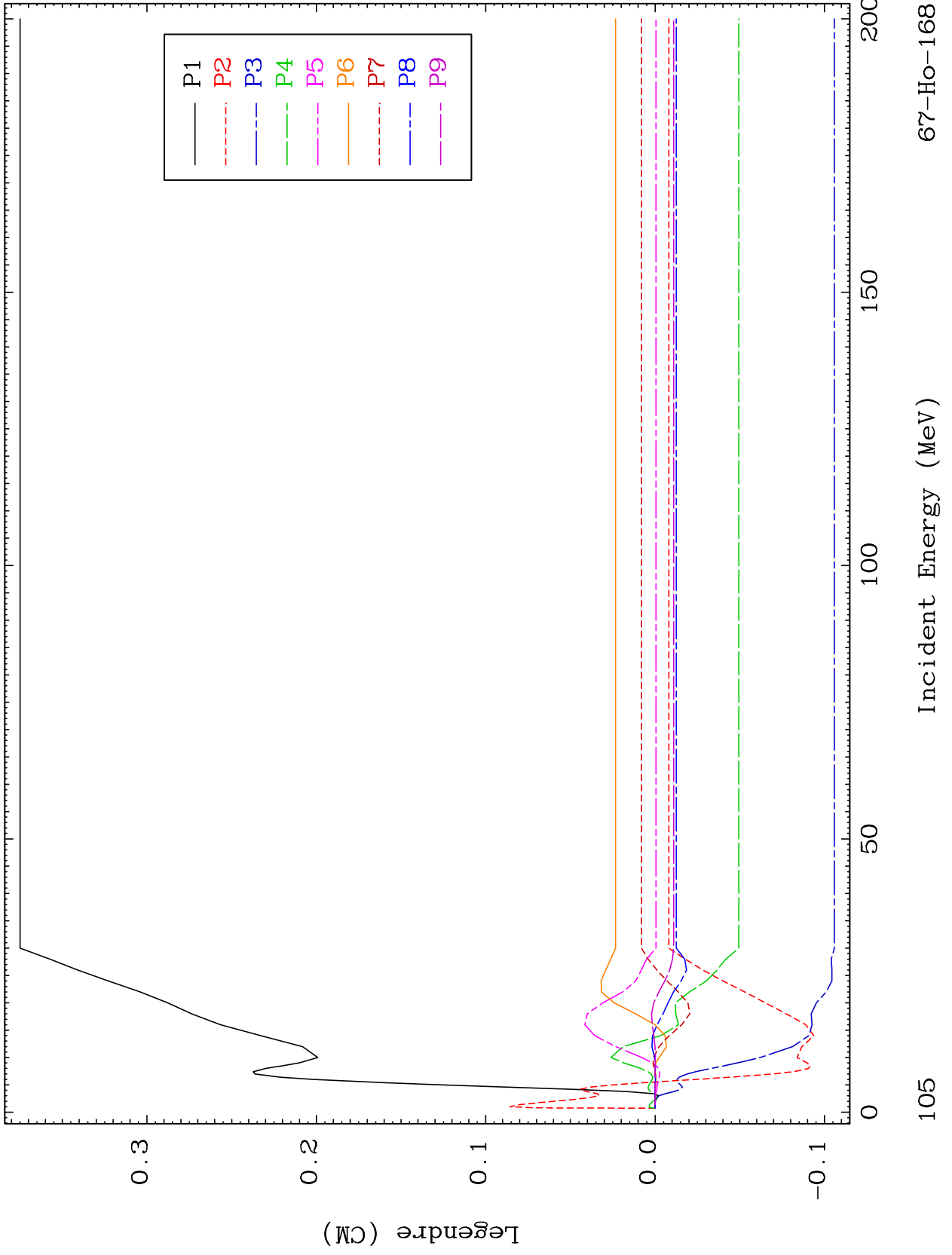
Incident Energy (MeV)

103

MAT 6734

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

67-Ho-168



67-Ho-168

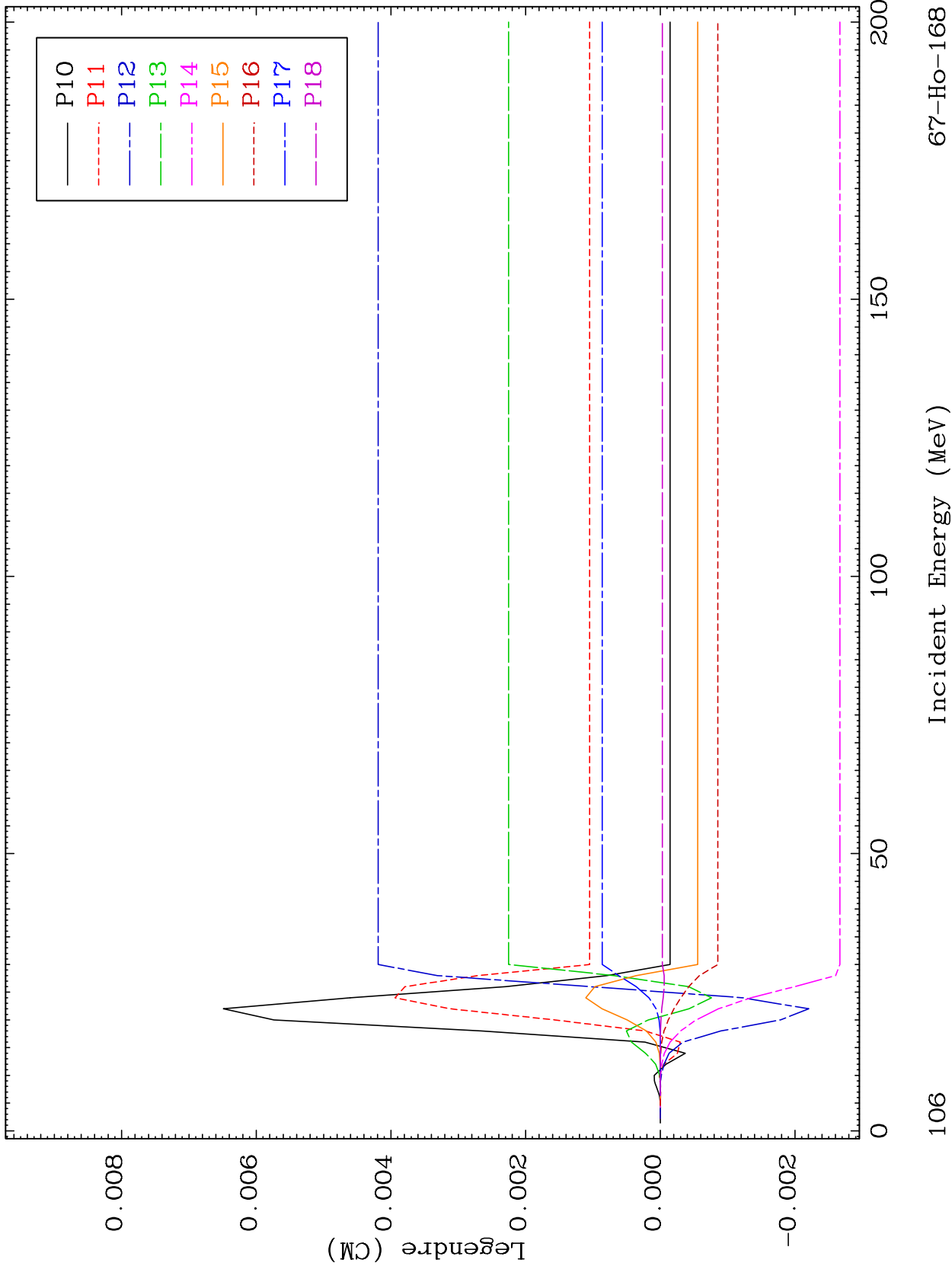
Incident Energy (MeV)

105

MAT 6734

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

67-Ho-168



67-Ho-168

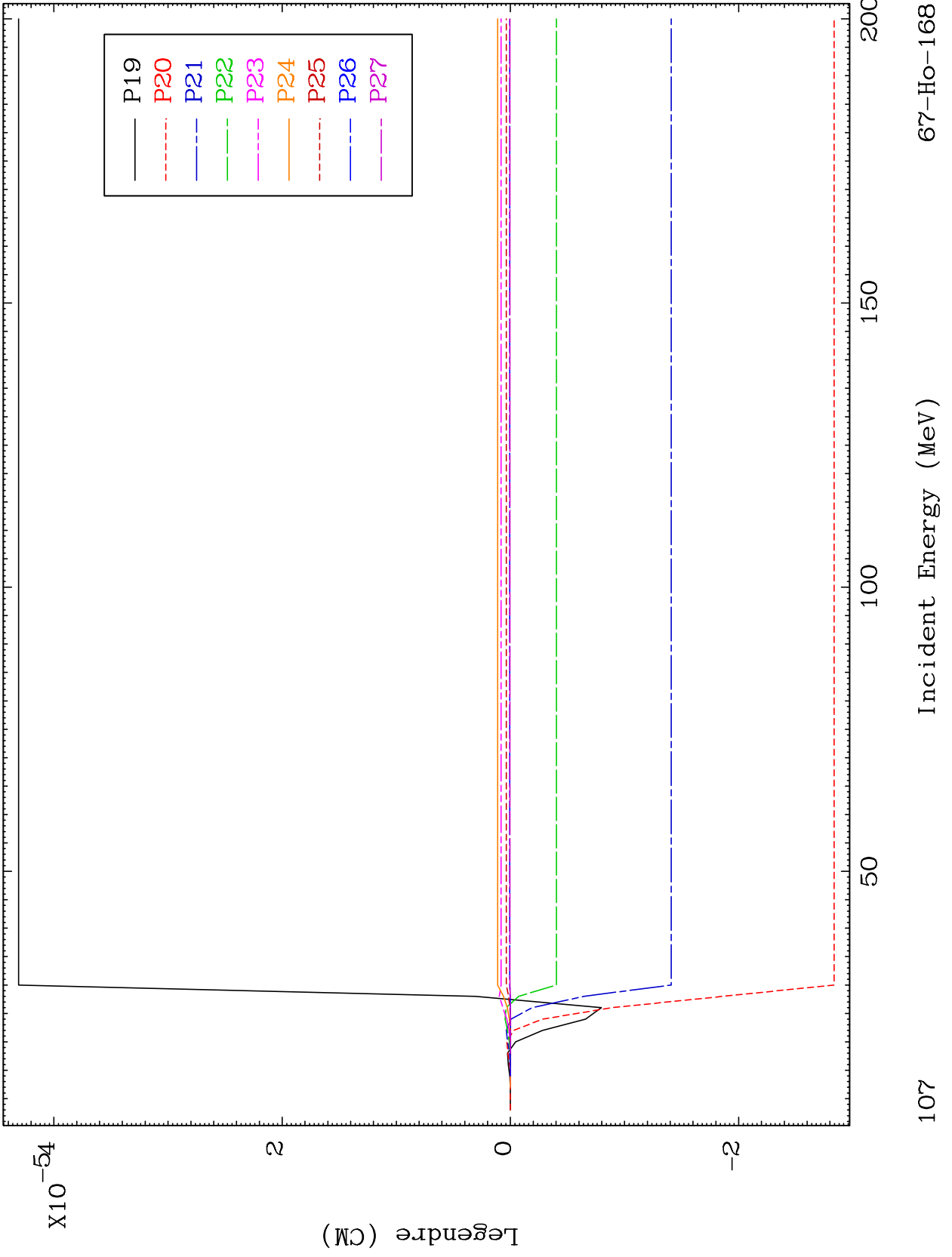
Incident Energy (MeV)

106

MAT 6734

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

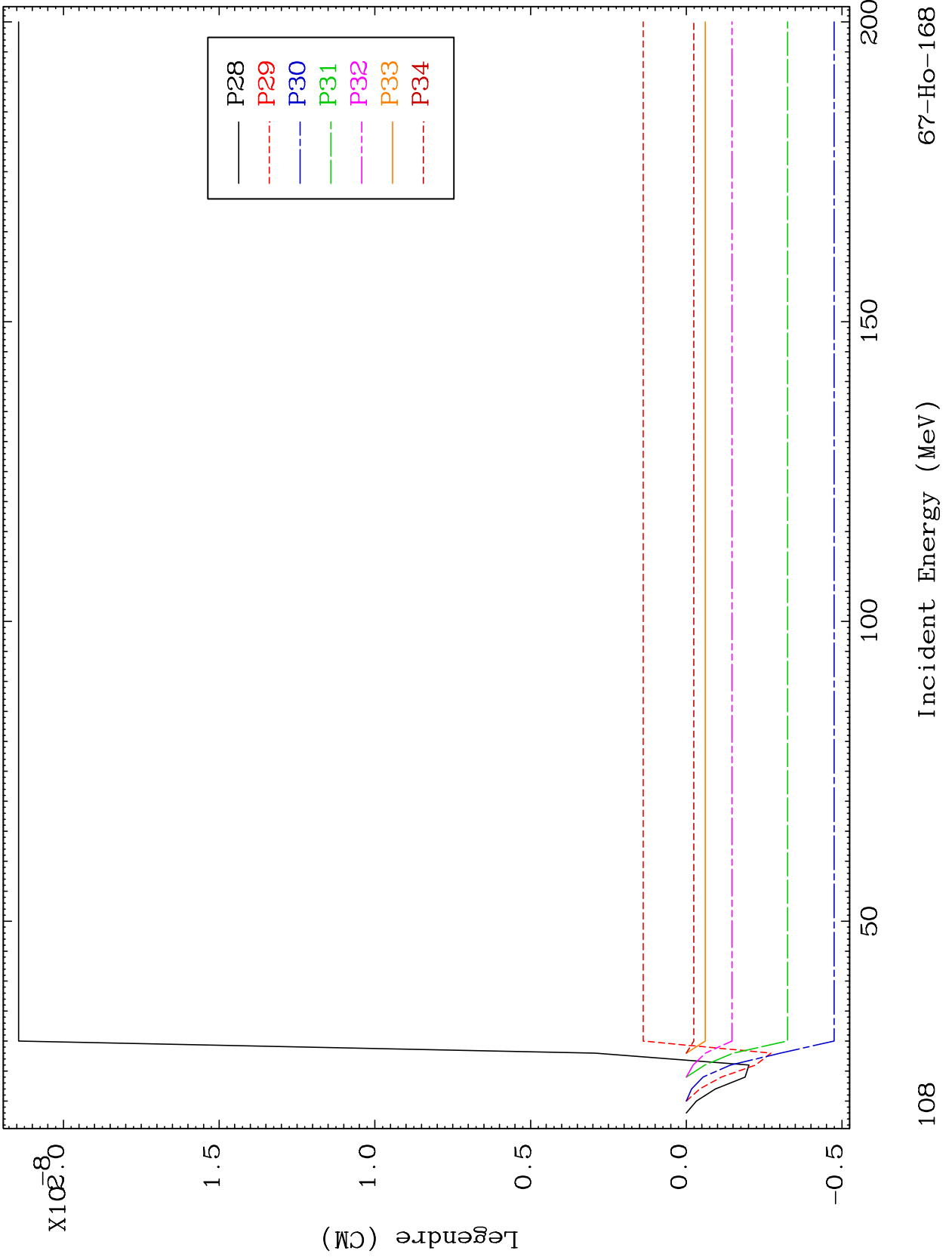
67-Ho-168



MAT 6734

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

67-Ho-168



108

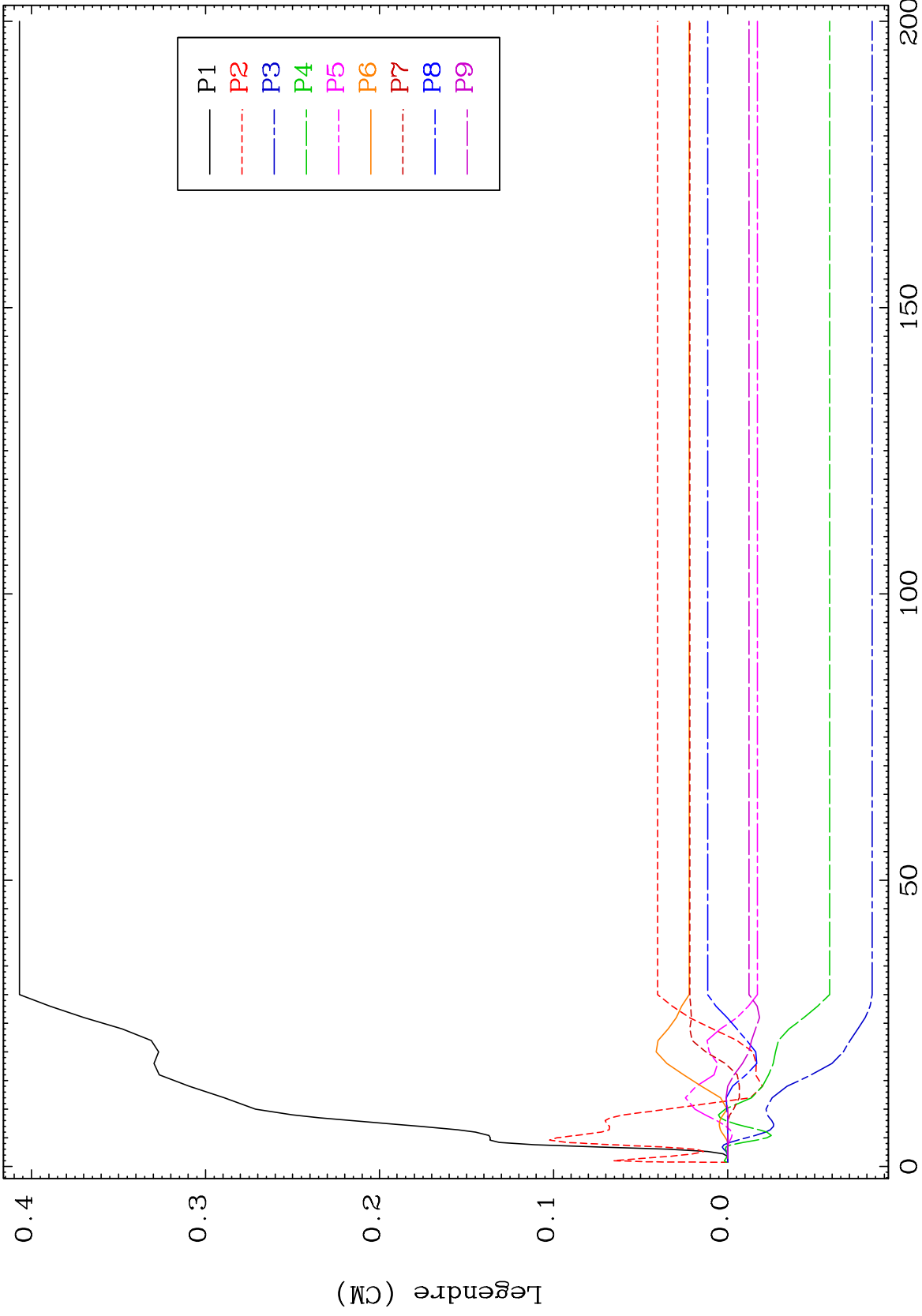
Incident Energy (MeV)

67-Ho-168

MAT 6734

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

67-Ho-168



109

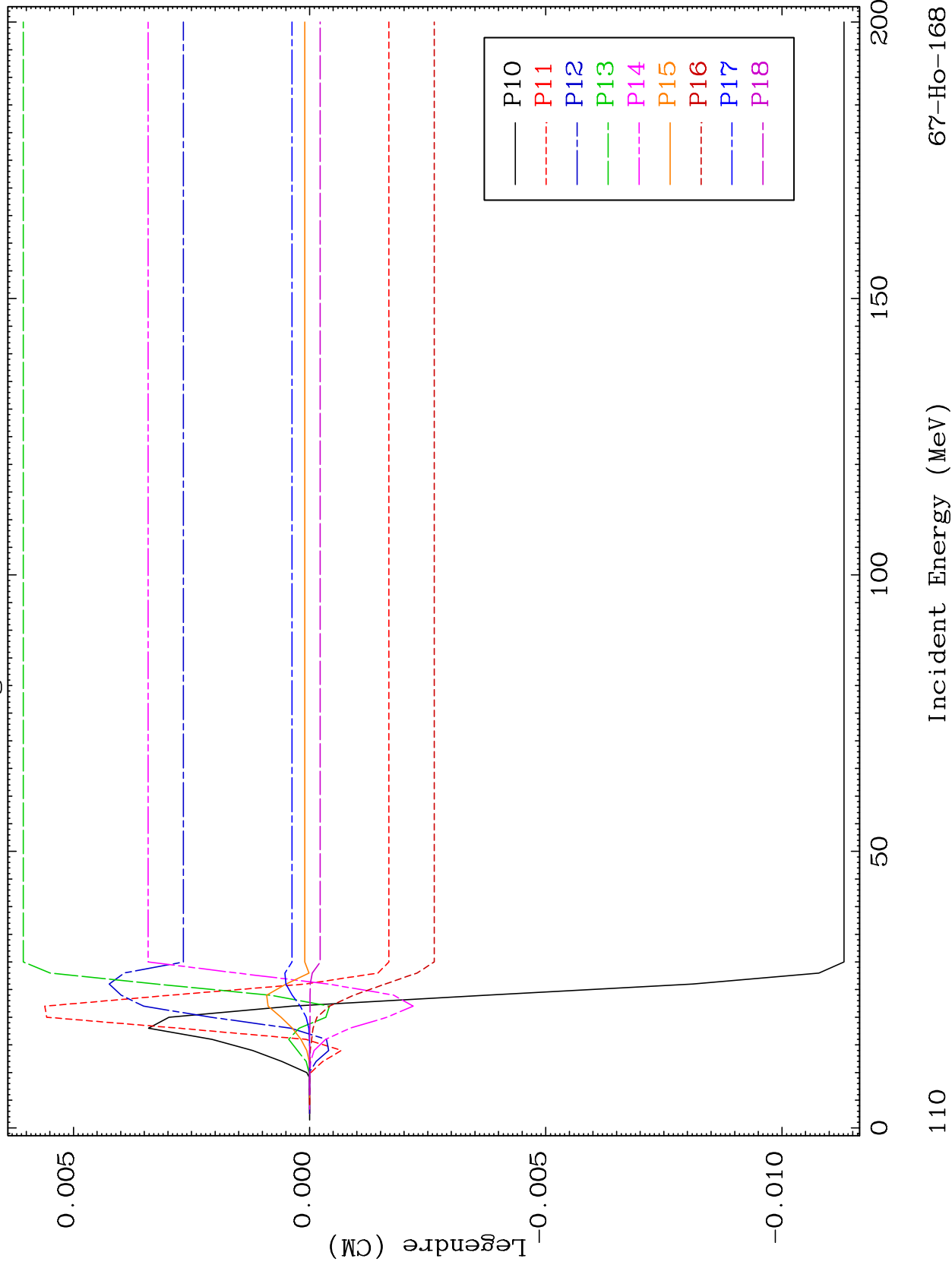
Incident Energy (MeV)

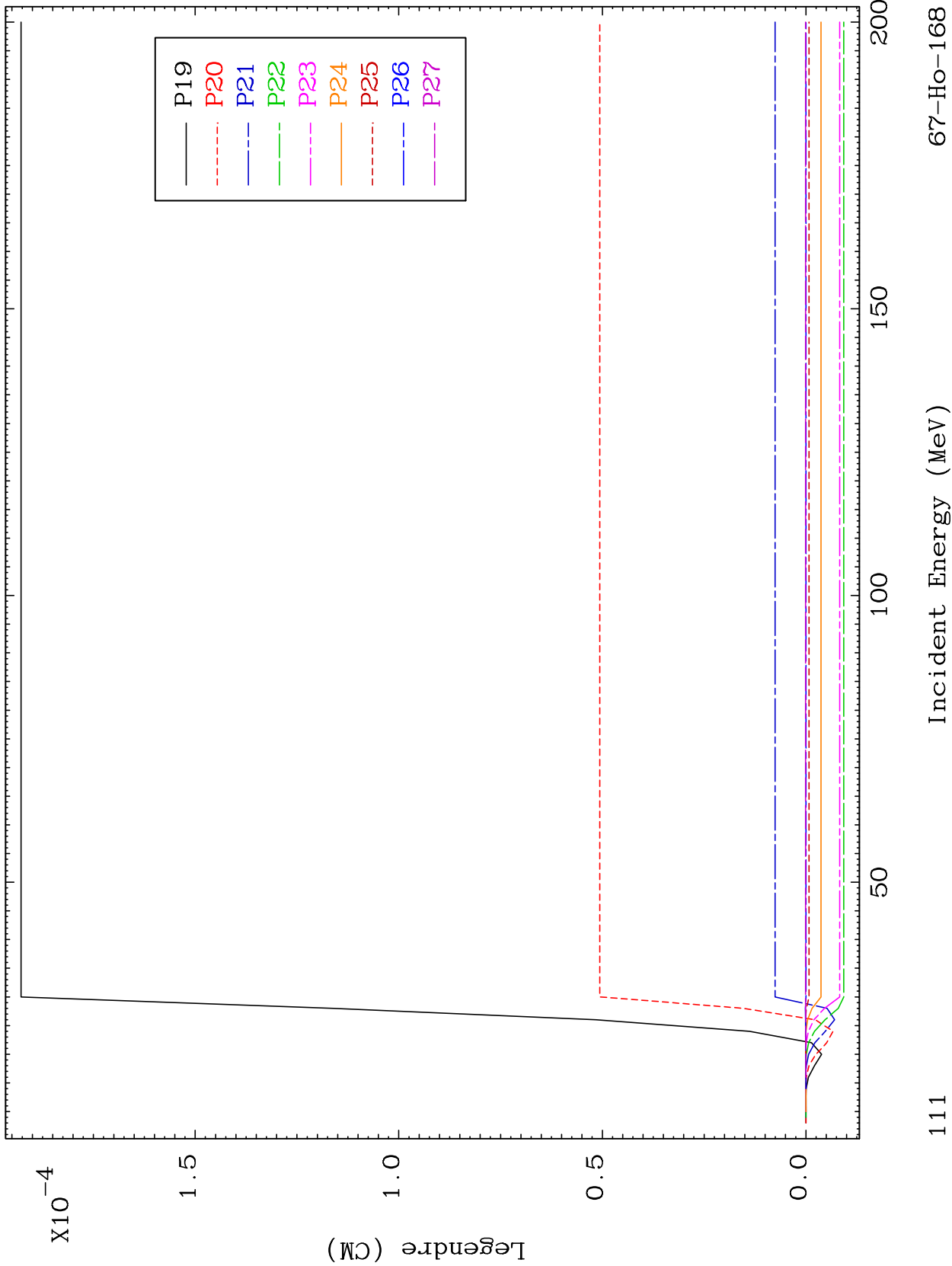
67-Ho-168

MAT 6734

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

67-Ho-168

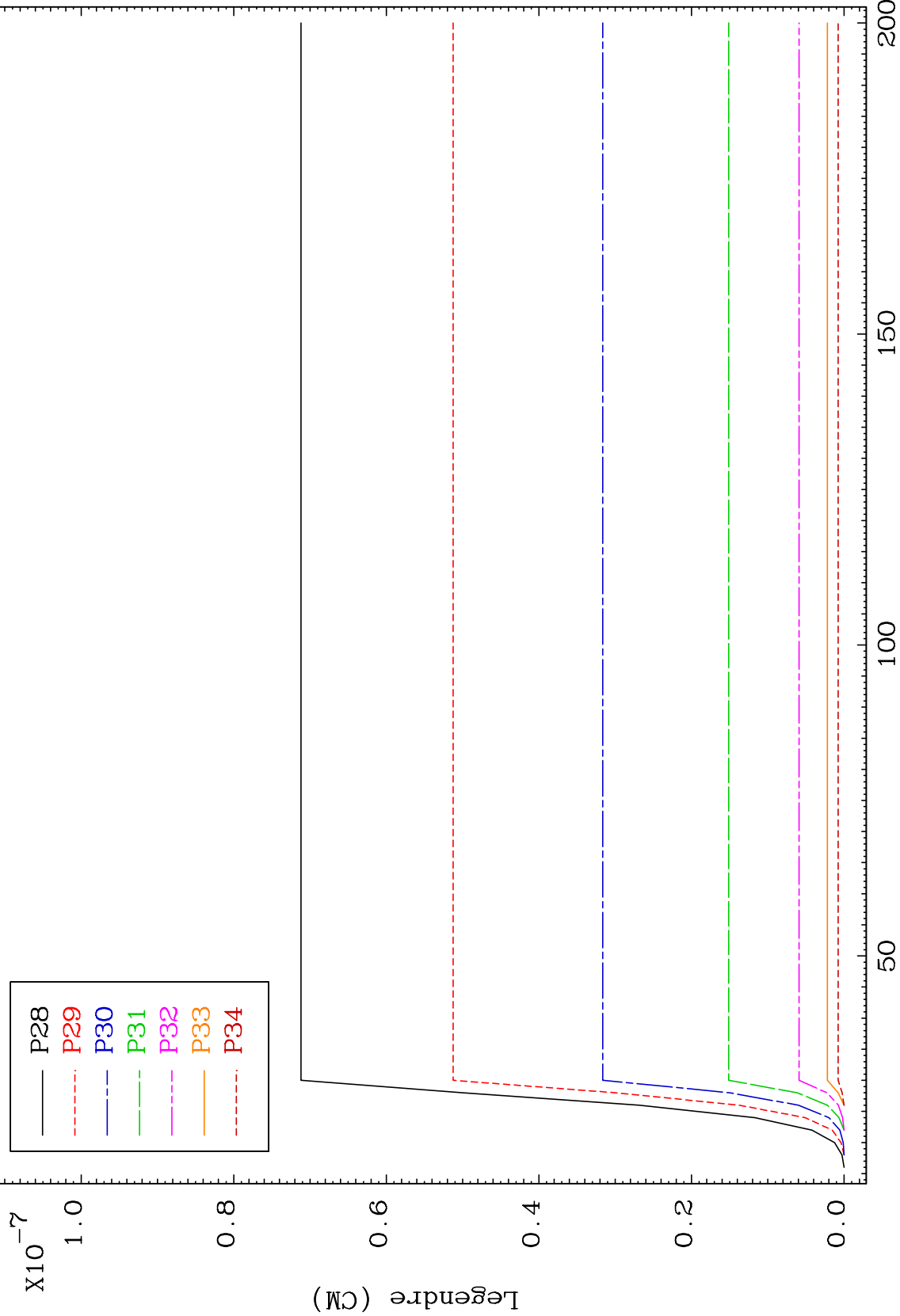
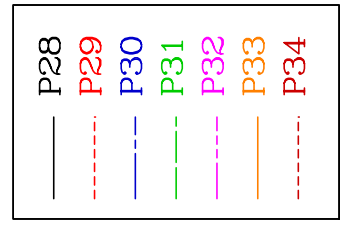




MAT 6734

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

67-Ho-168



112

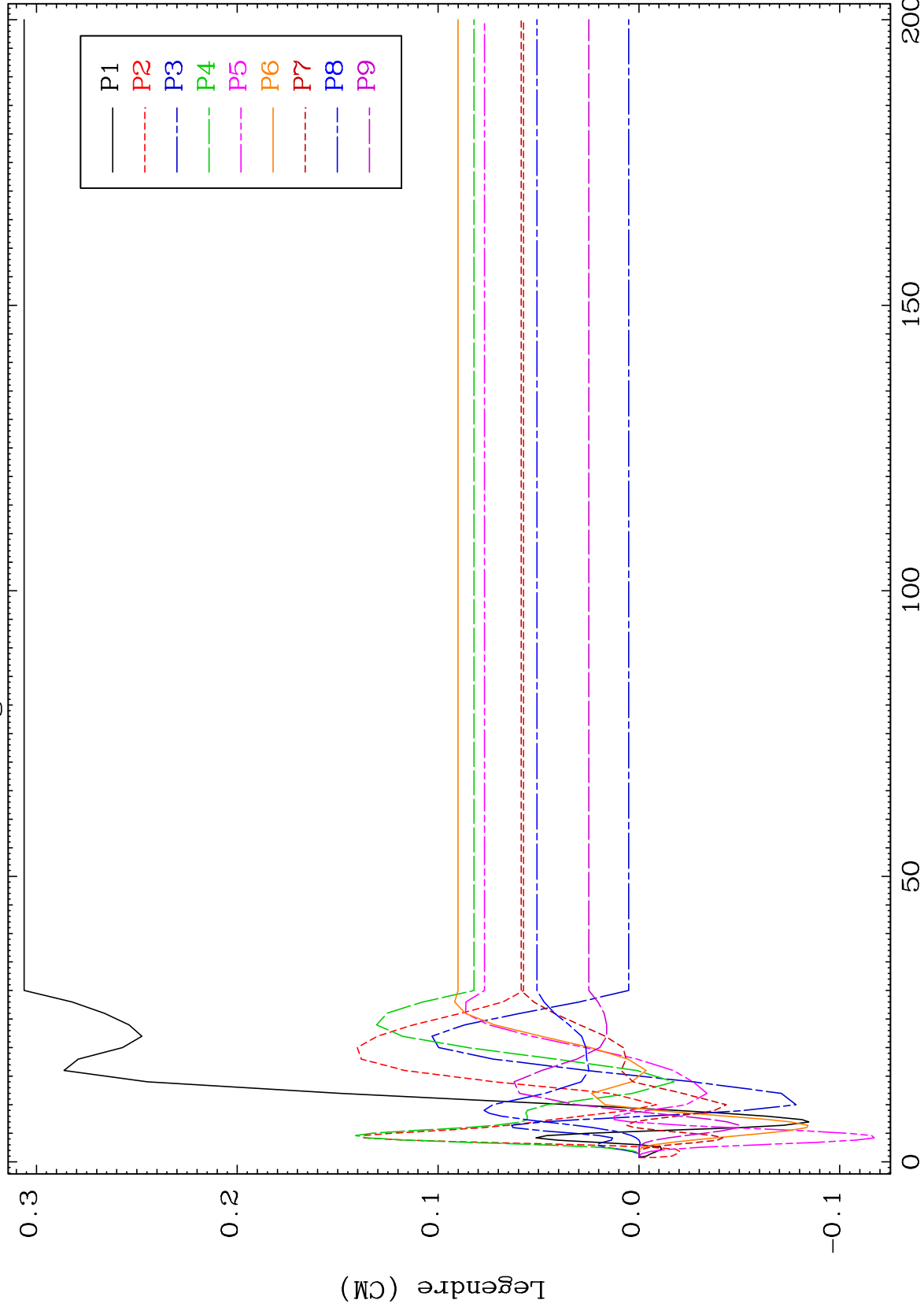
Incident Energy (MeV)

67-Ho-168

MAT 6734

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

67-Ho-168



67-Ho-168

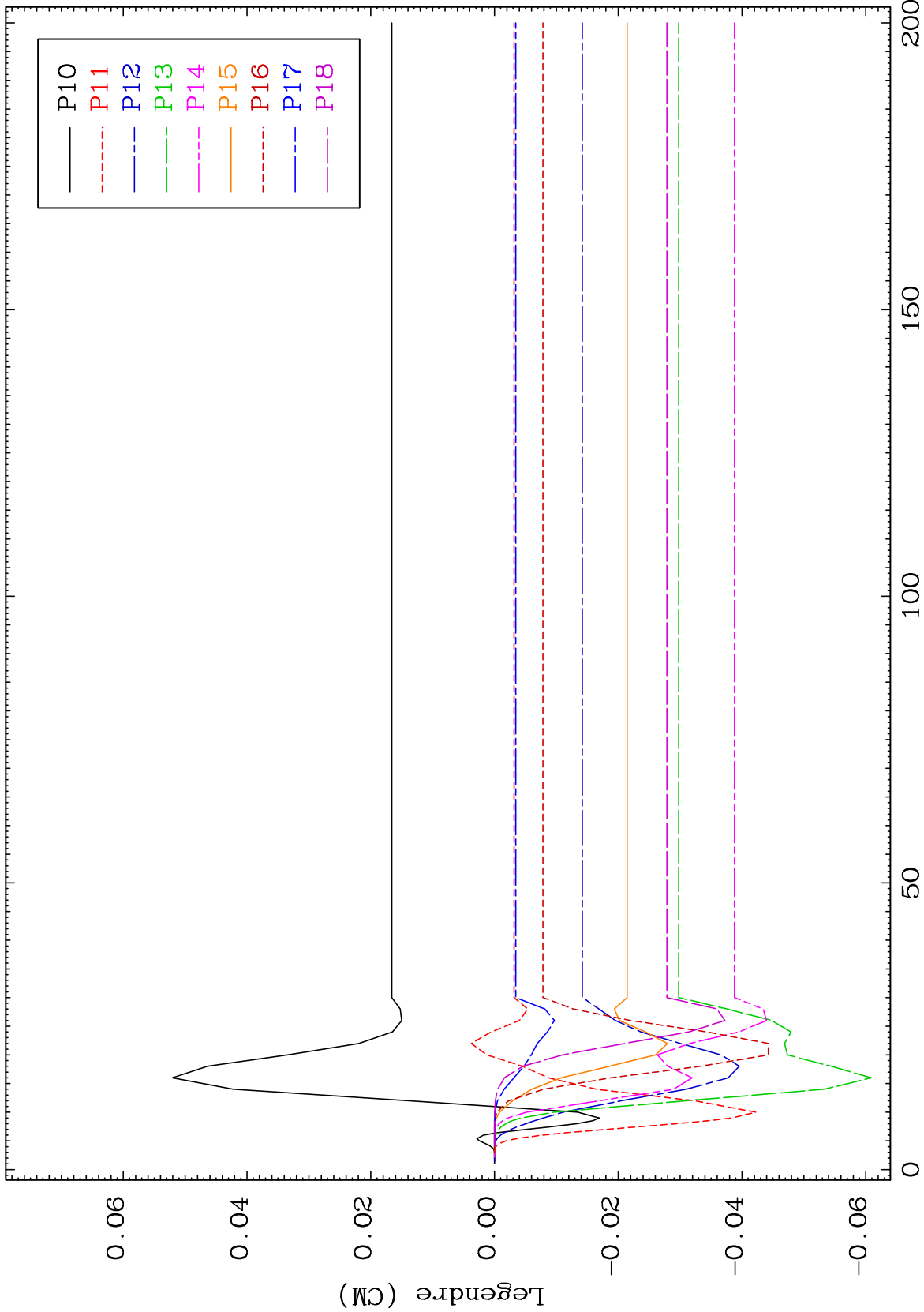
Incident Energy (MeV)

113

MAT 6734

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

67-Ho-168



114

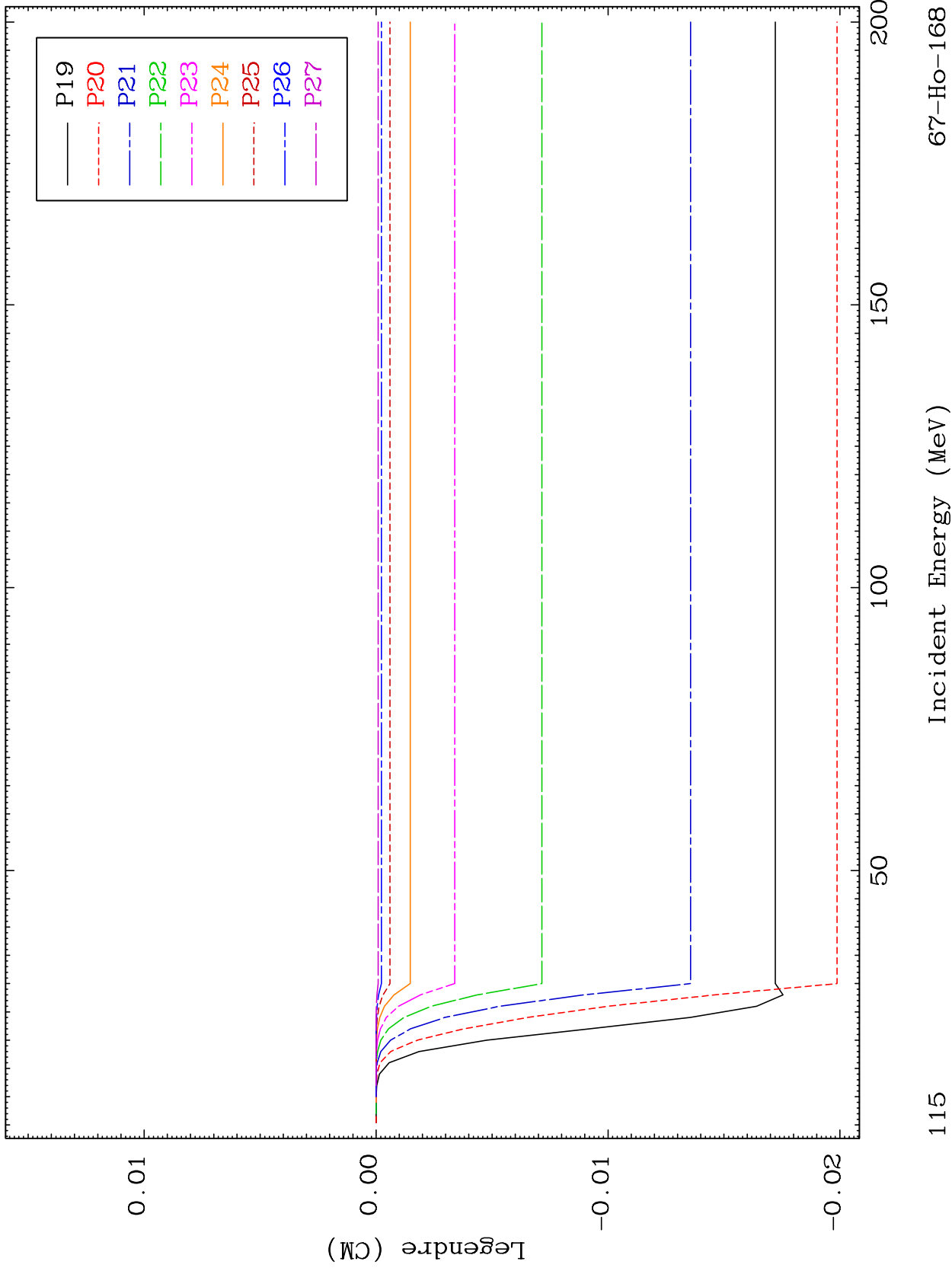
Incident Energy (MeV)

67-Ho-168

MAT 6734

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

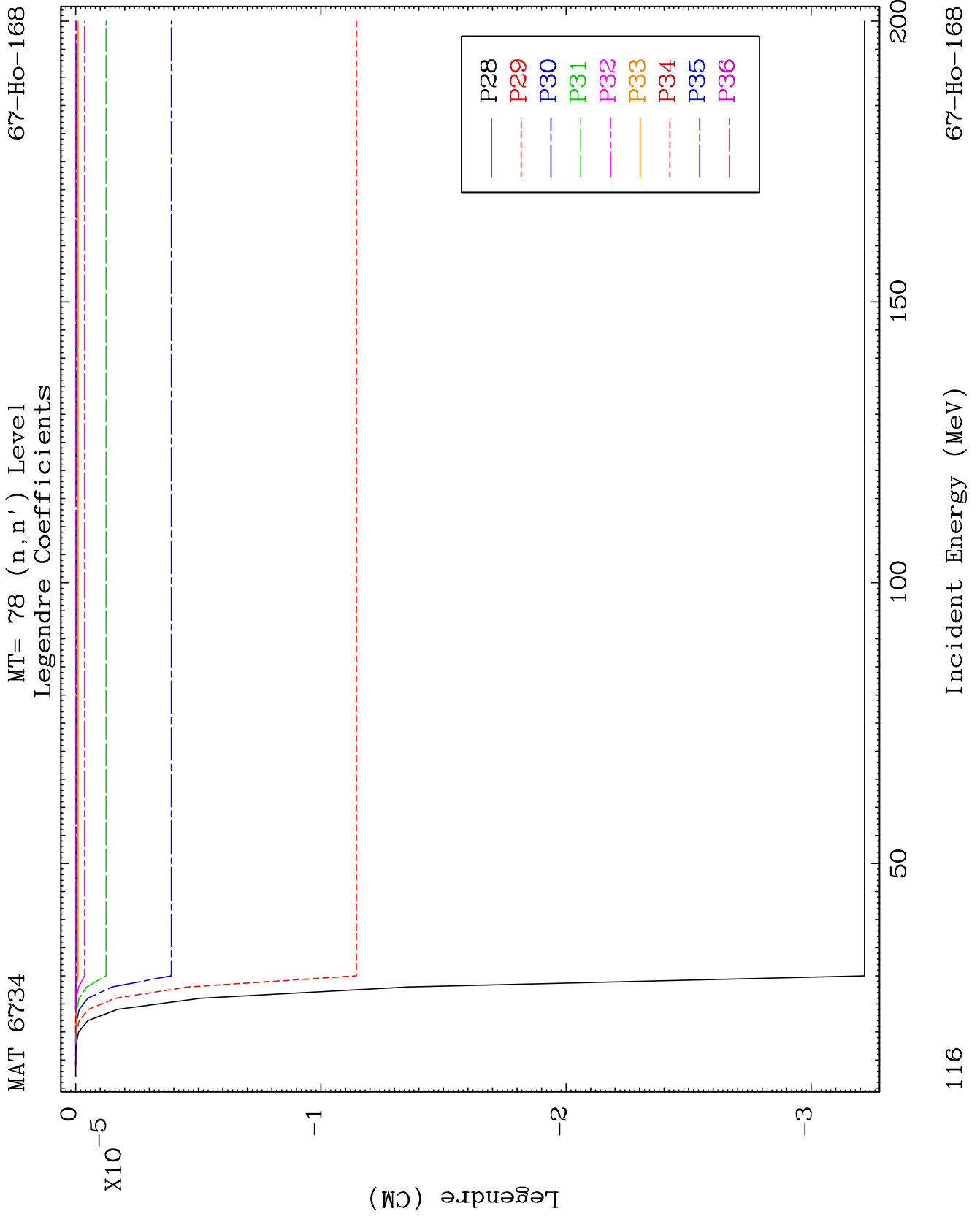
67-Ho-168



115

Incident Energy (MeV)

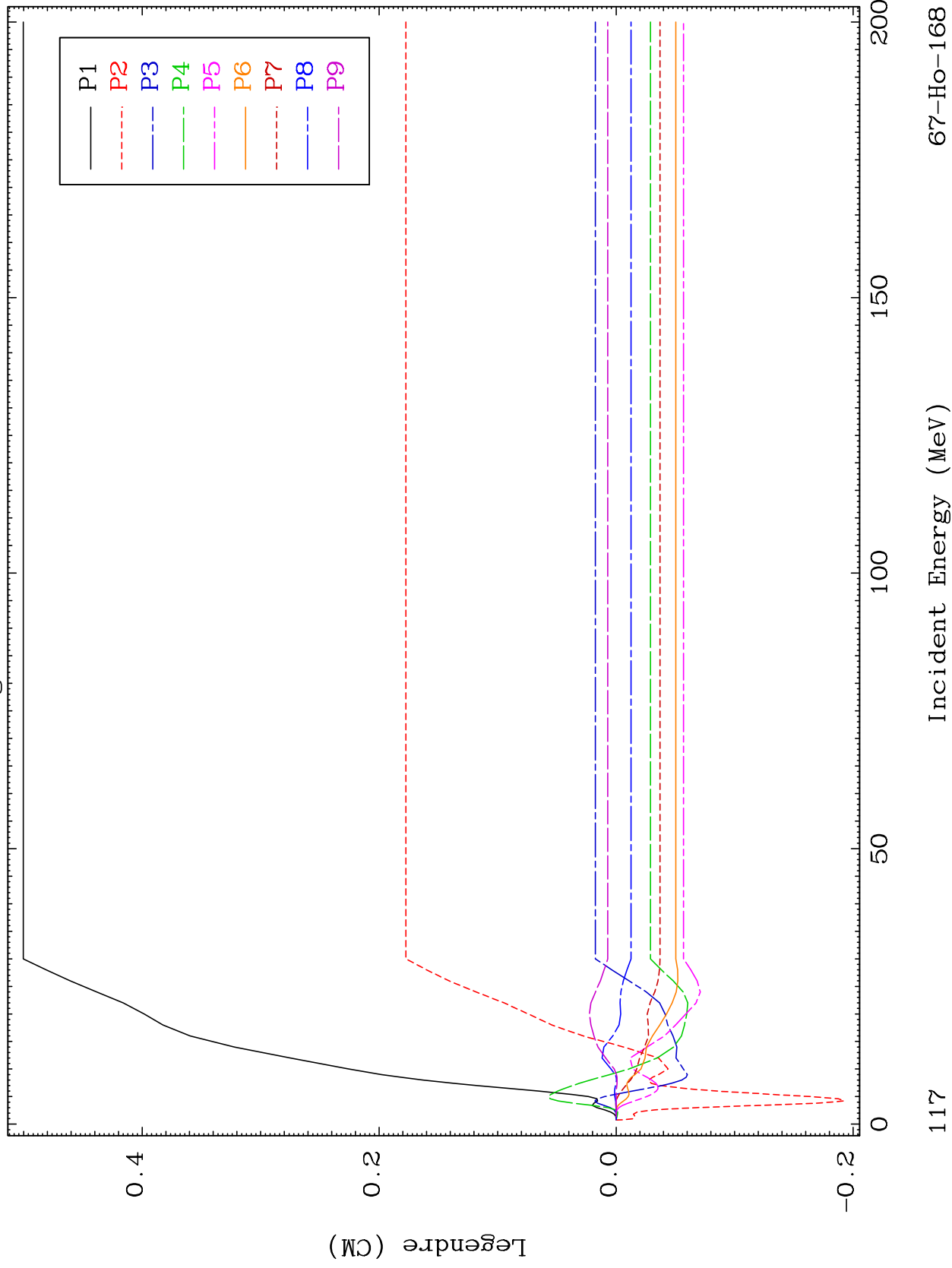
67-Ho-168



MAT 6734

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

67-Ho-168



67-Ho-168

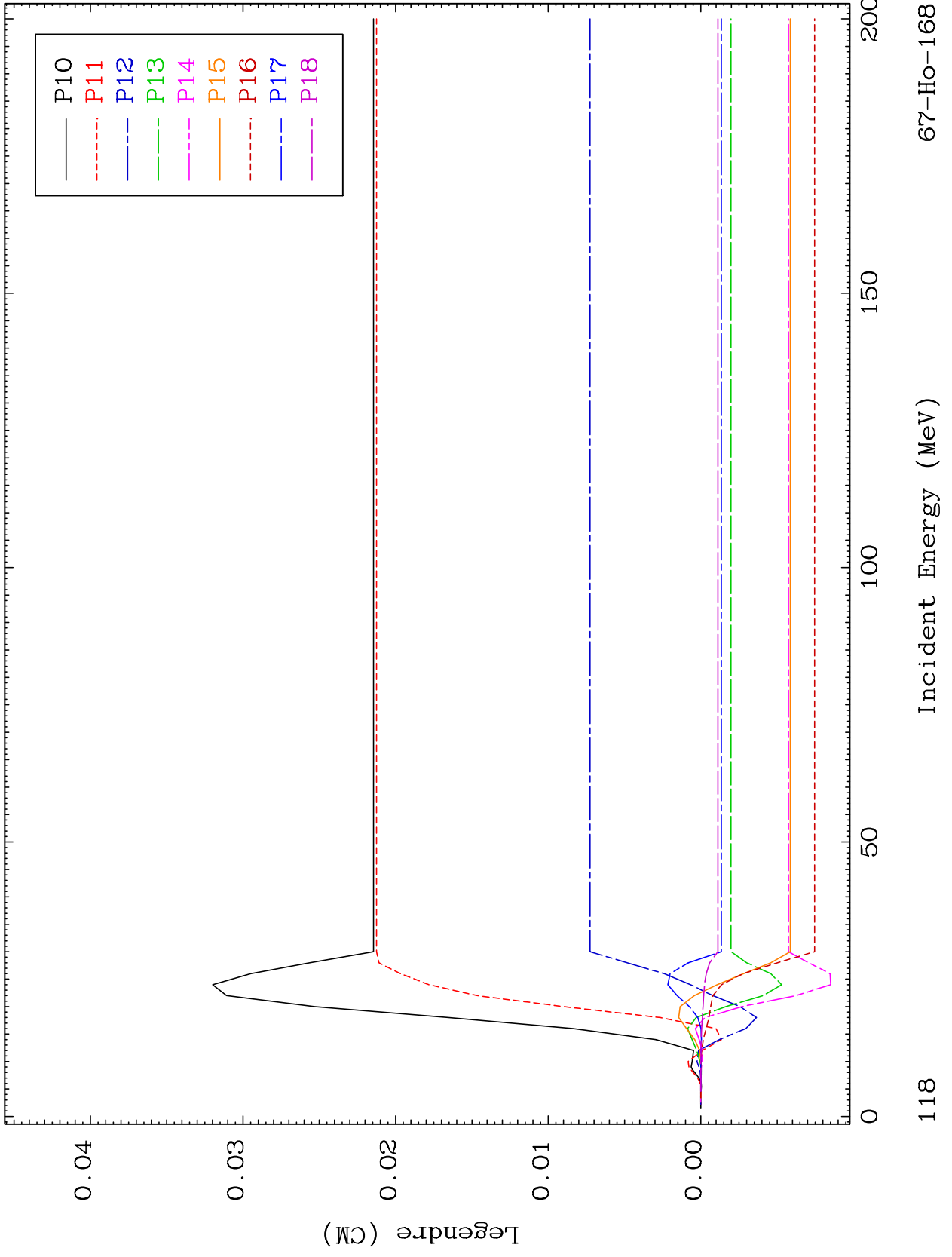
Incident Energy (MeV)

117

MAT 6734

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

67-Ho-168



118

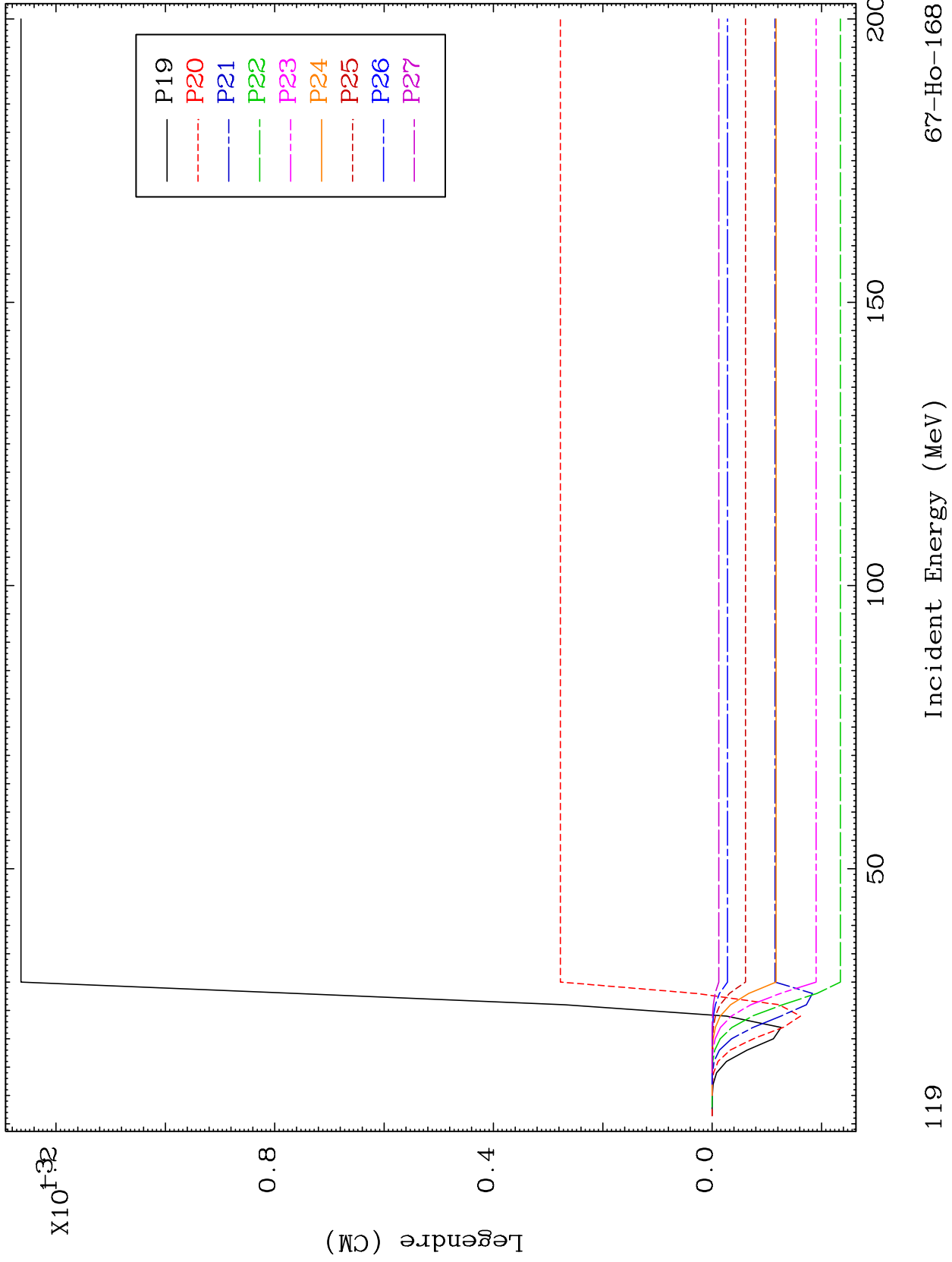
Incident Energy (MeV)

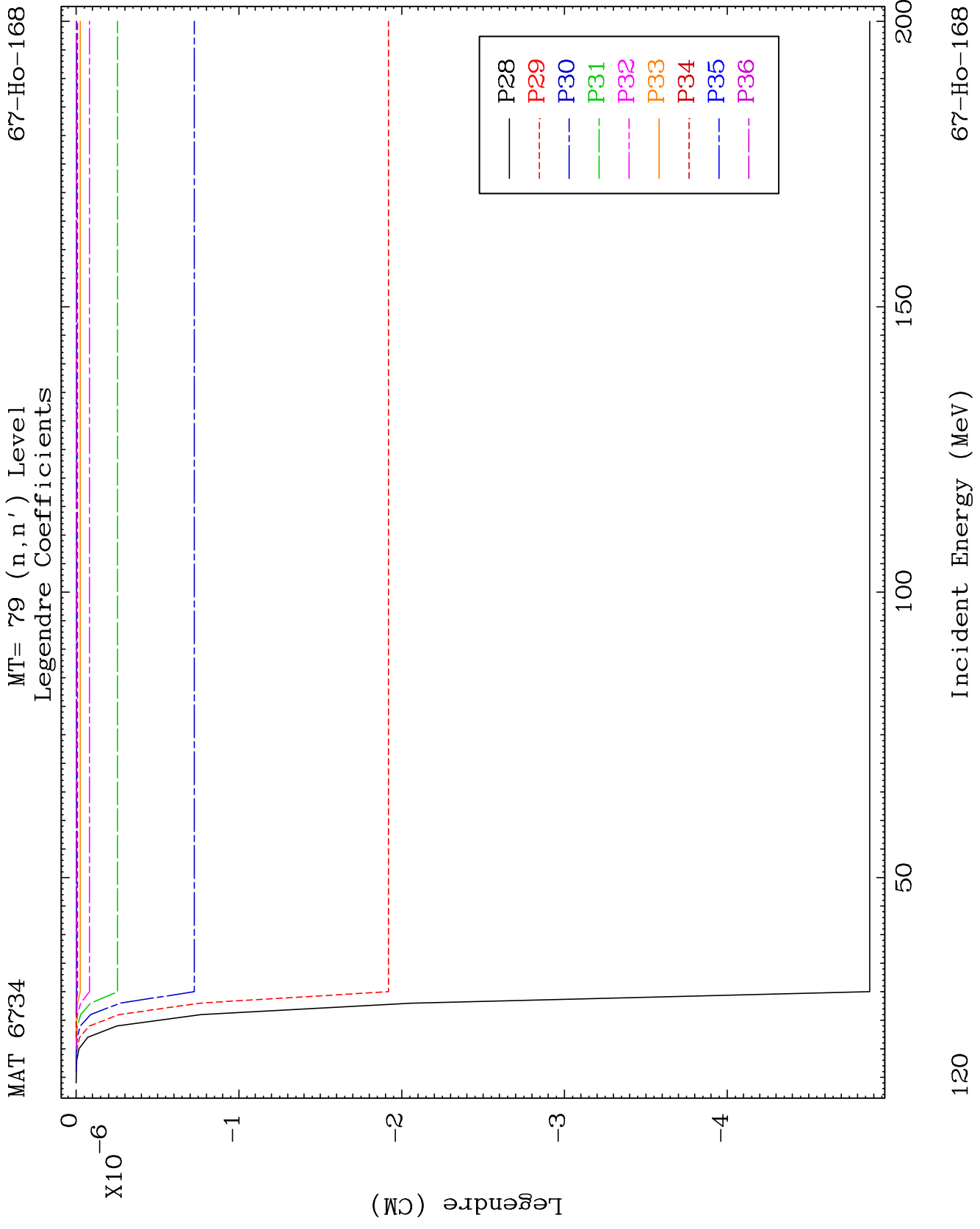
67-Ho-168

MAT 6734

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

67-Ho-168

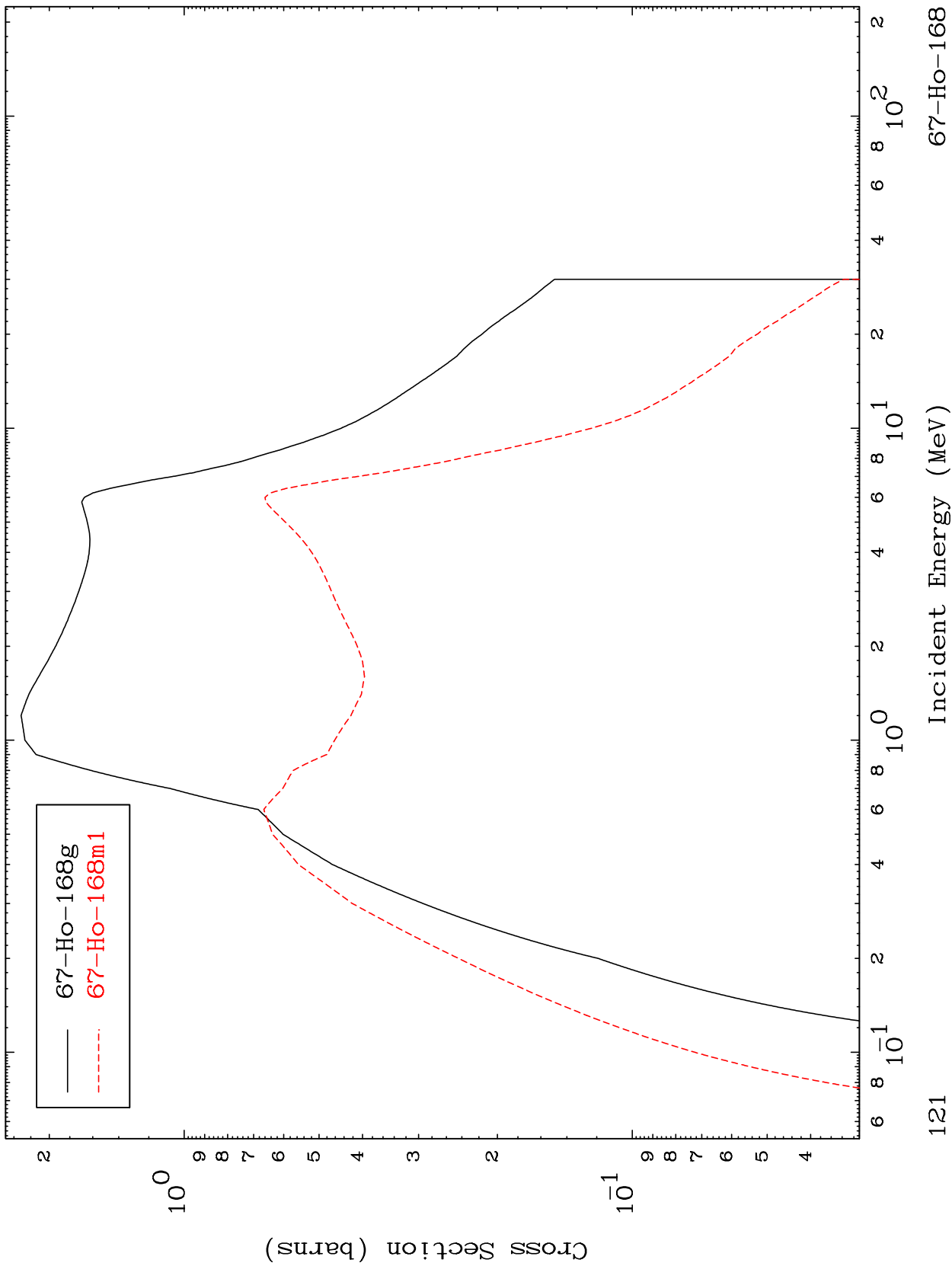




MAT 6734

67-Ho-168

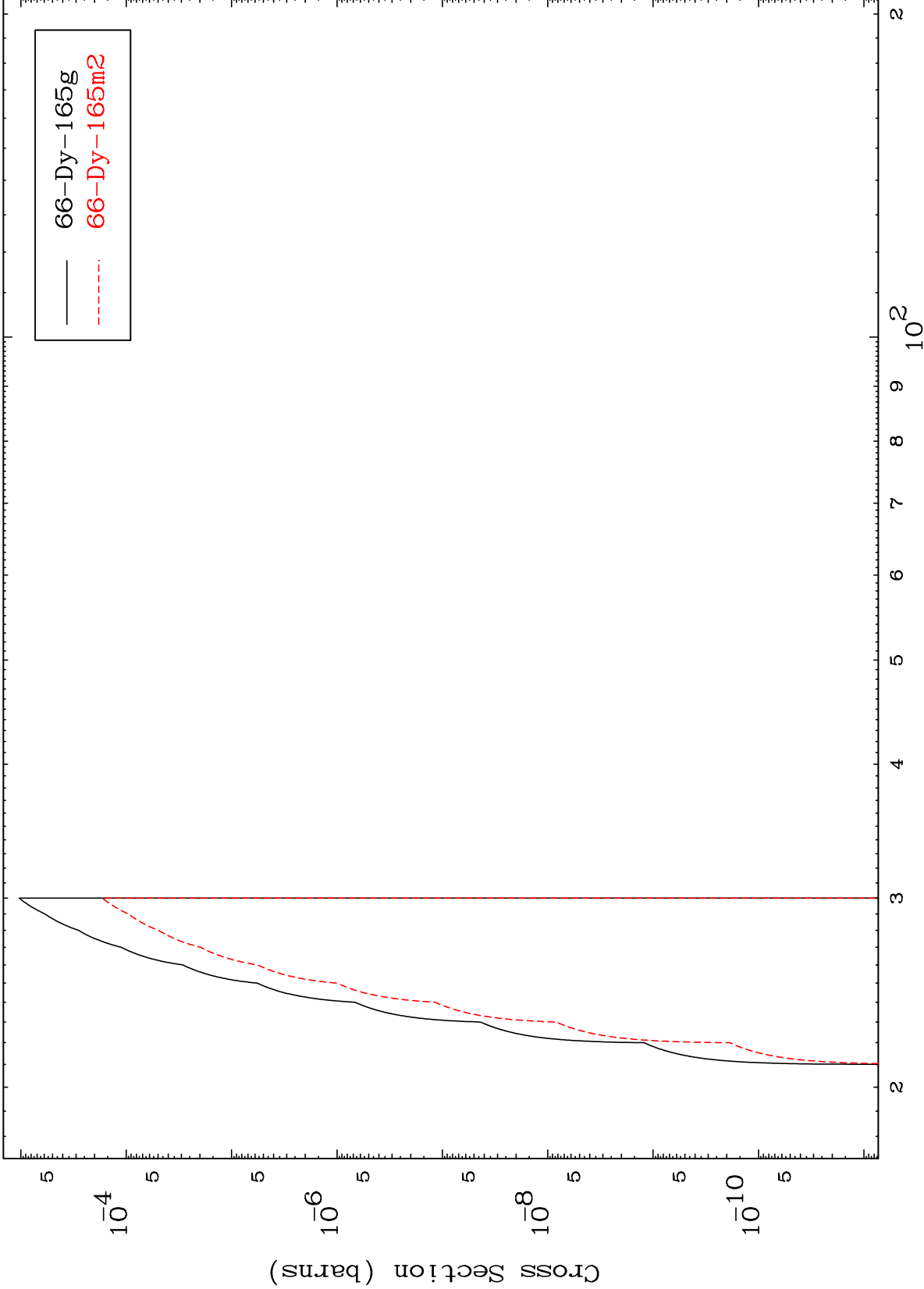
Radionuclide Production Cross Section



121

67-Ho-168

Radionuclide Production Cross Section



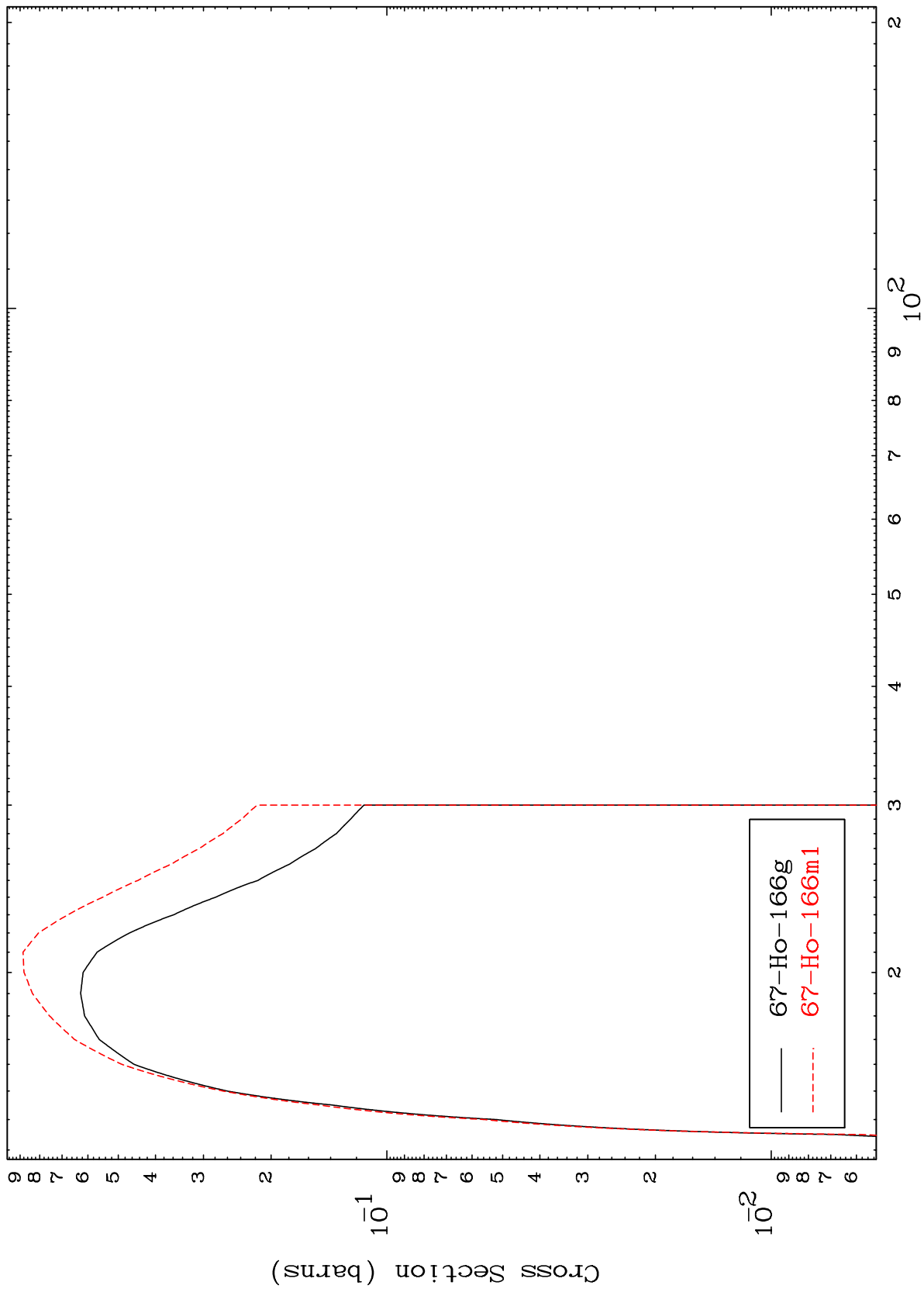
66-Dy-165g
66-Dy-165m2

MAT 6734

67-Ho-168

Radionuclide Production Cross Section

(n,3n)

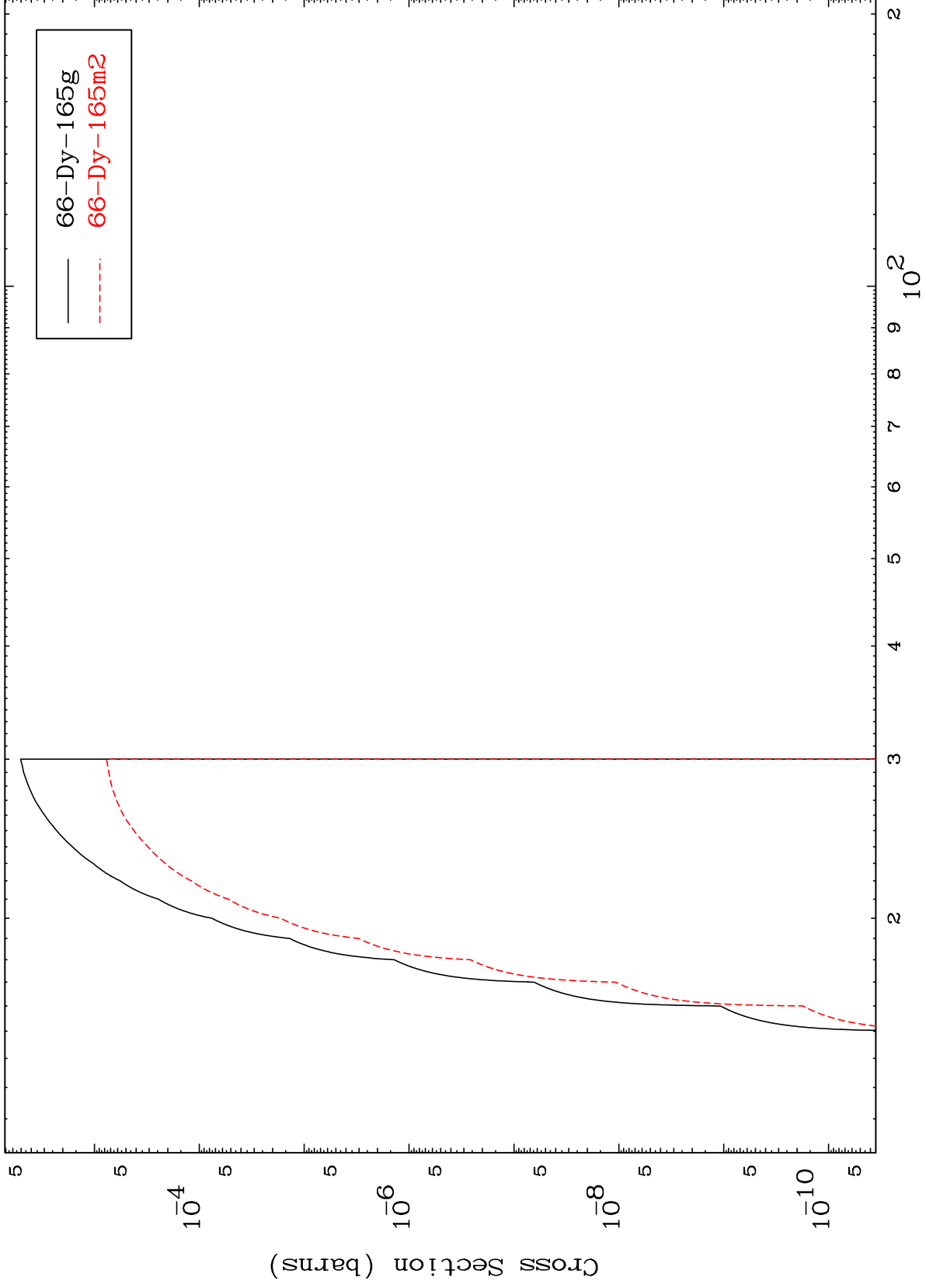


123

67-Ho-168

Incident Energy (MeV)

Radionuclide Production Cross Section

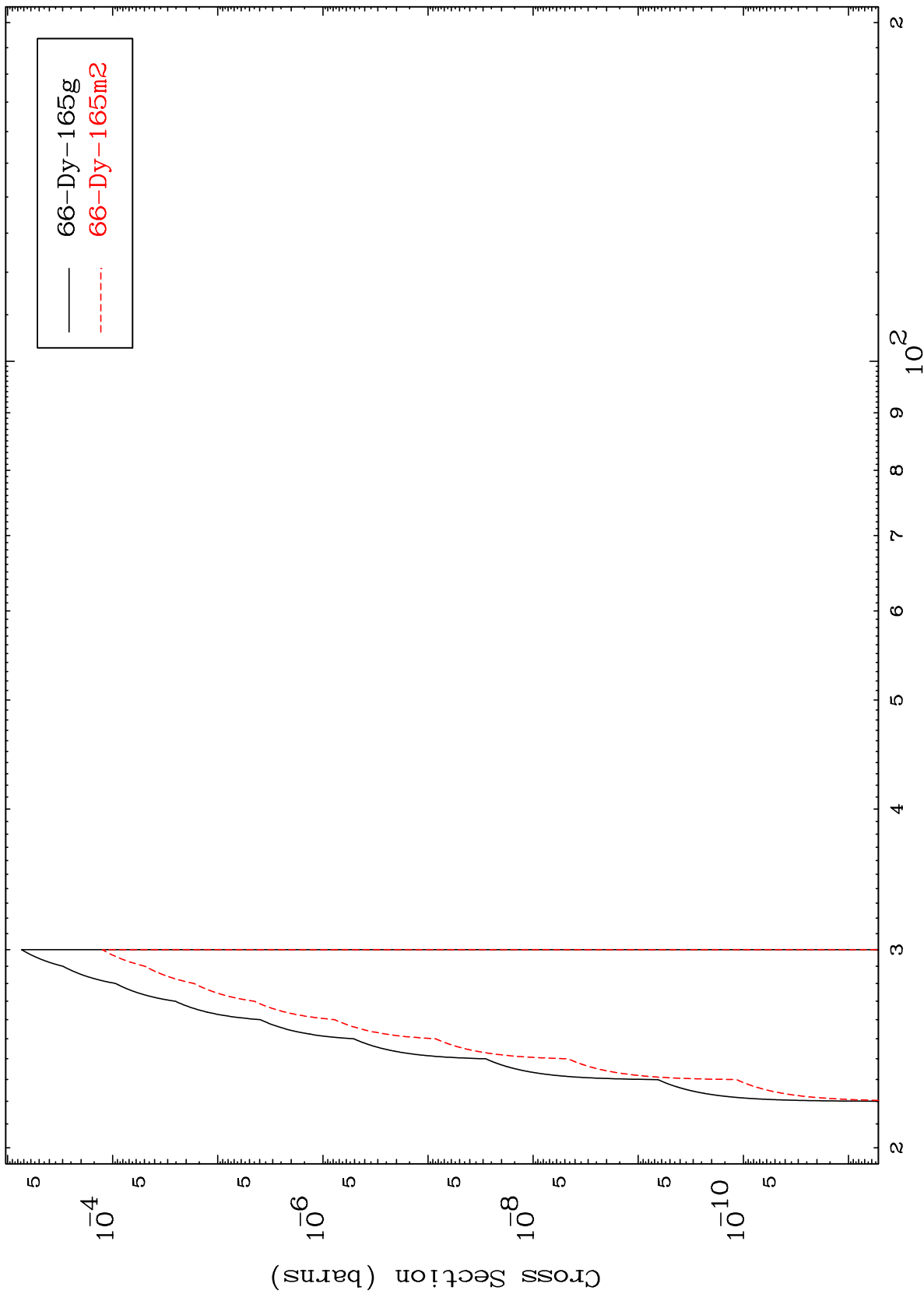


MAT 6734

(n,3n) p

67-Ho-168

Radionuclide Production Cross Section



125

Incident Energy (MeV)

67-Ho-168