

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

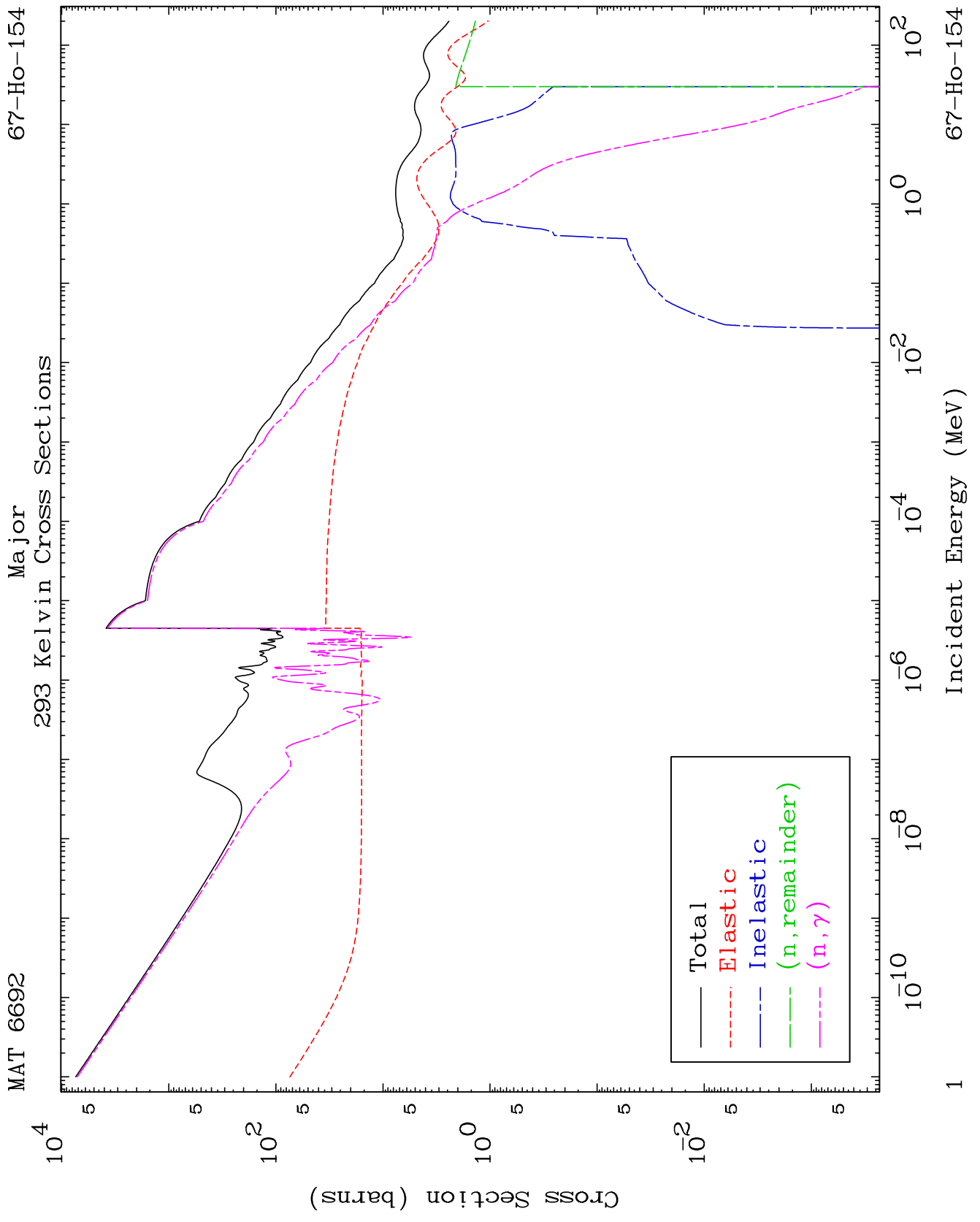
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

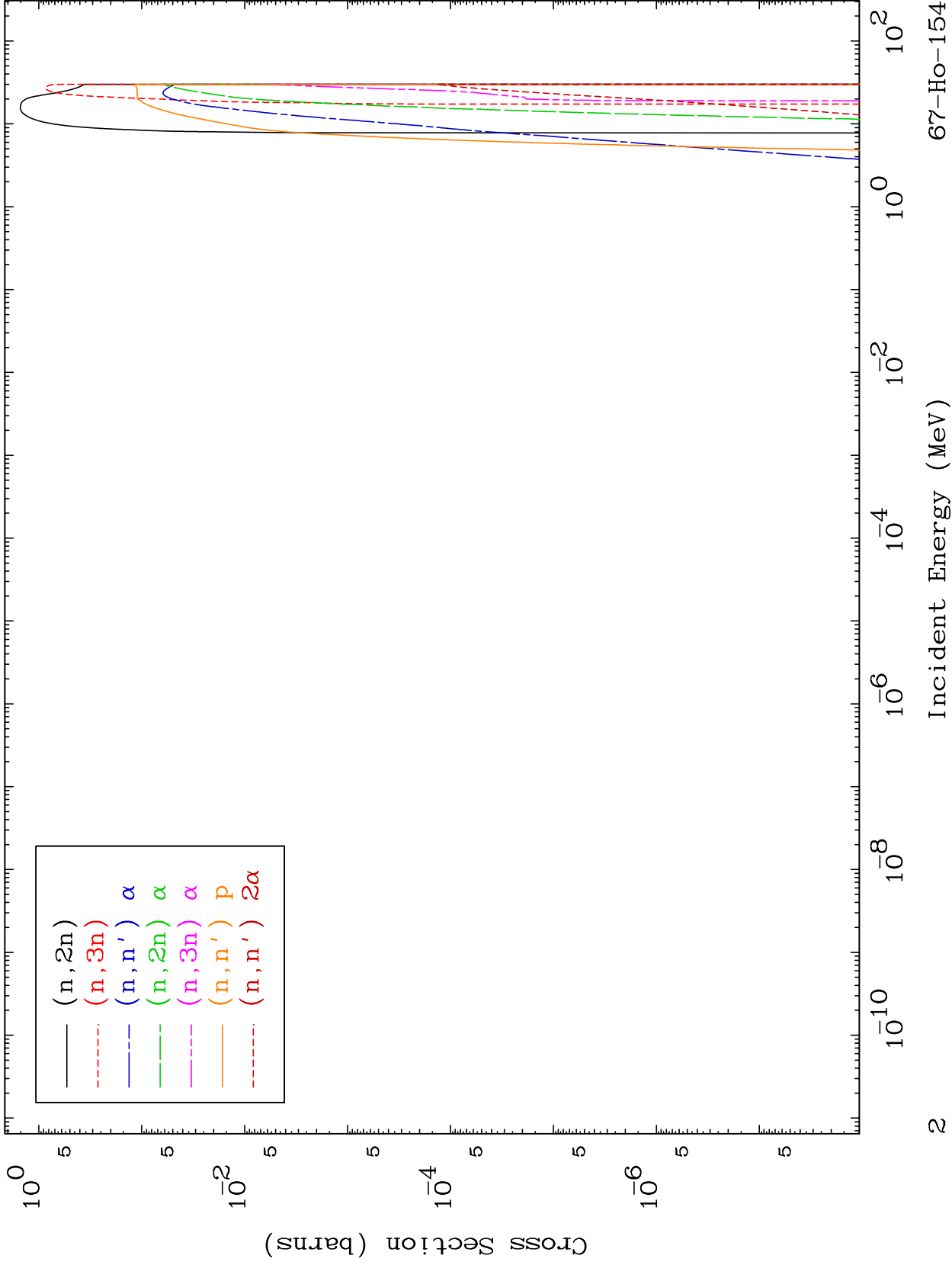
Press Mouse Button to Start



MAT 6692

Neutron Production
293 Kelvin Cross Sections

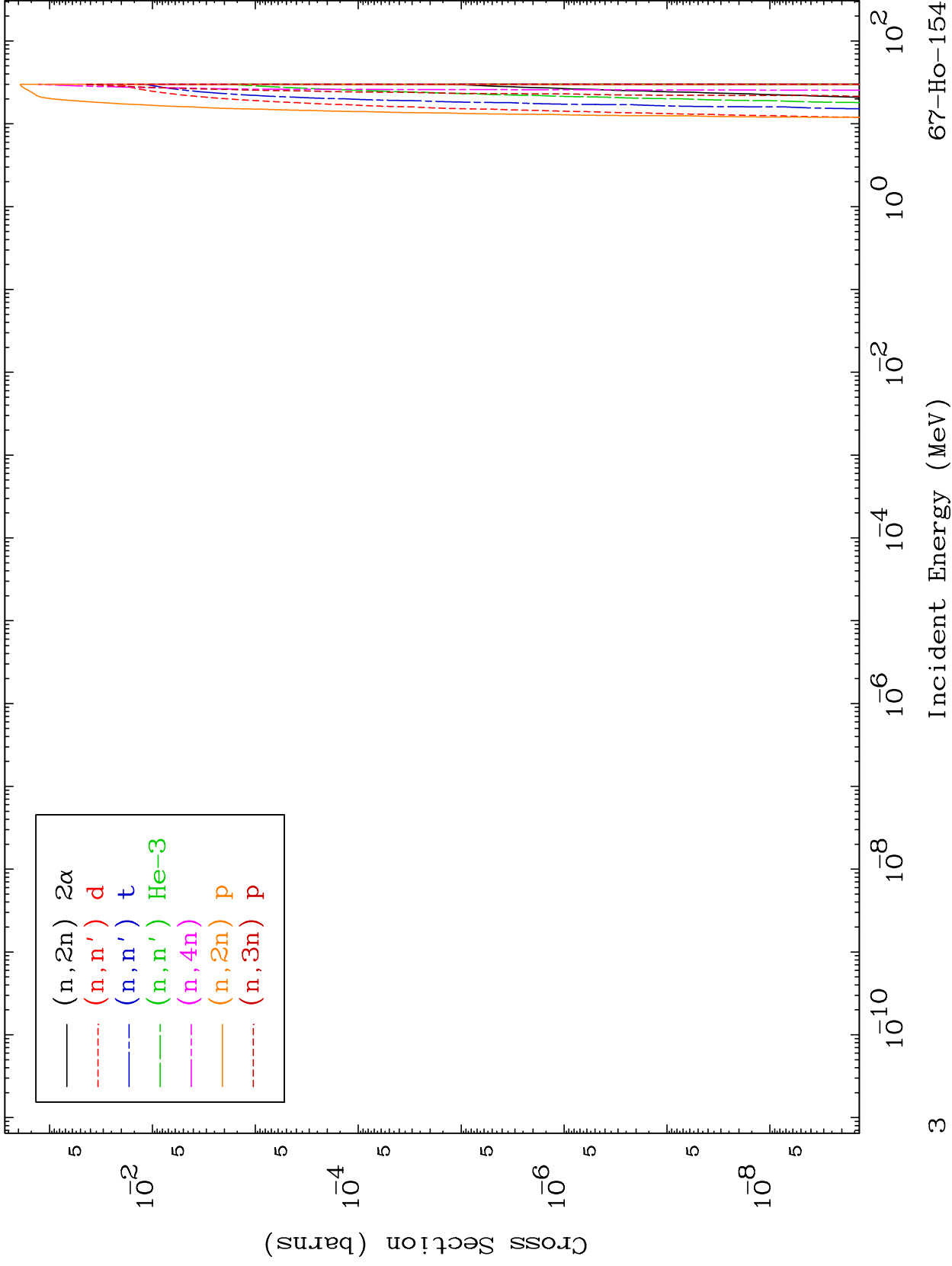
67-Ho-154



MAT 6692

Neutron Production
293 Kelvin Cross Sections

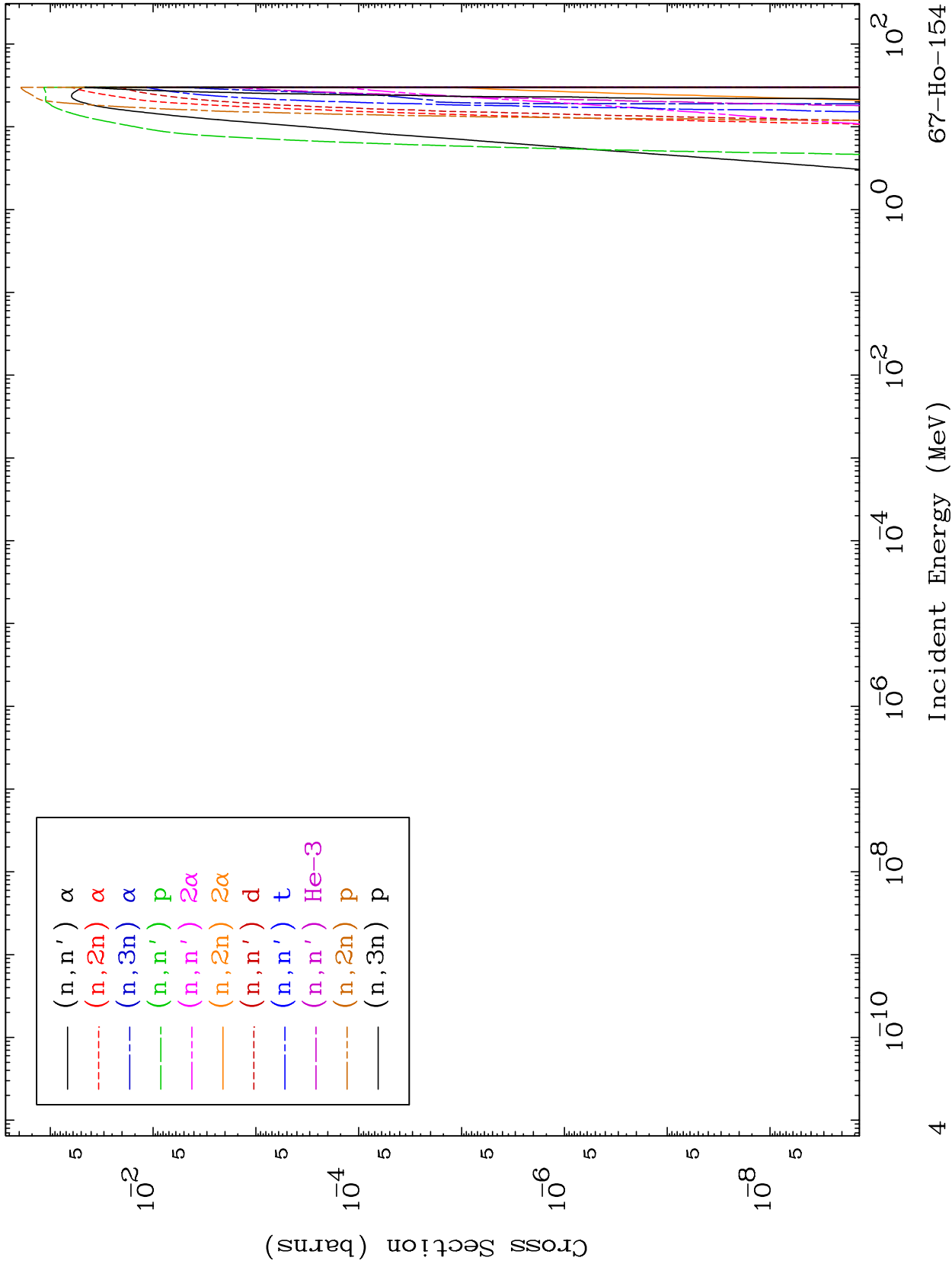
67-Ho-154

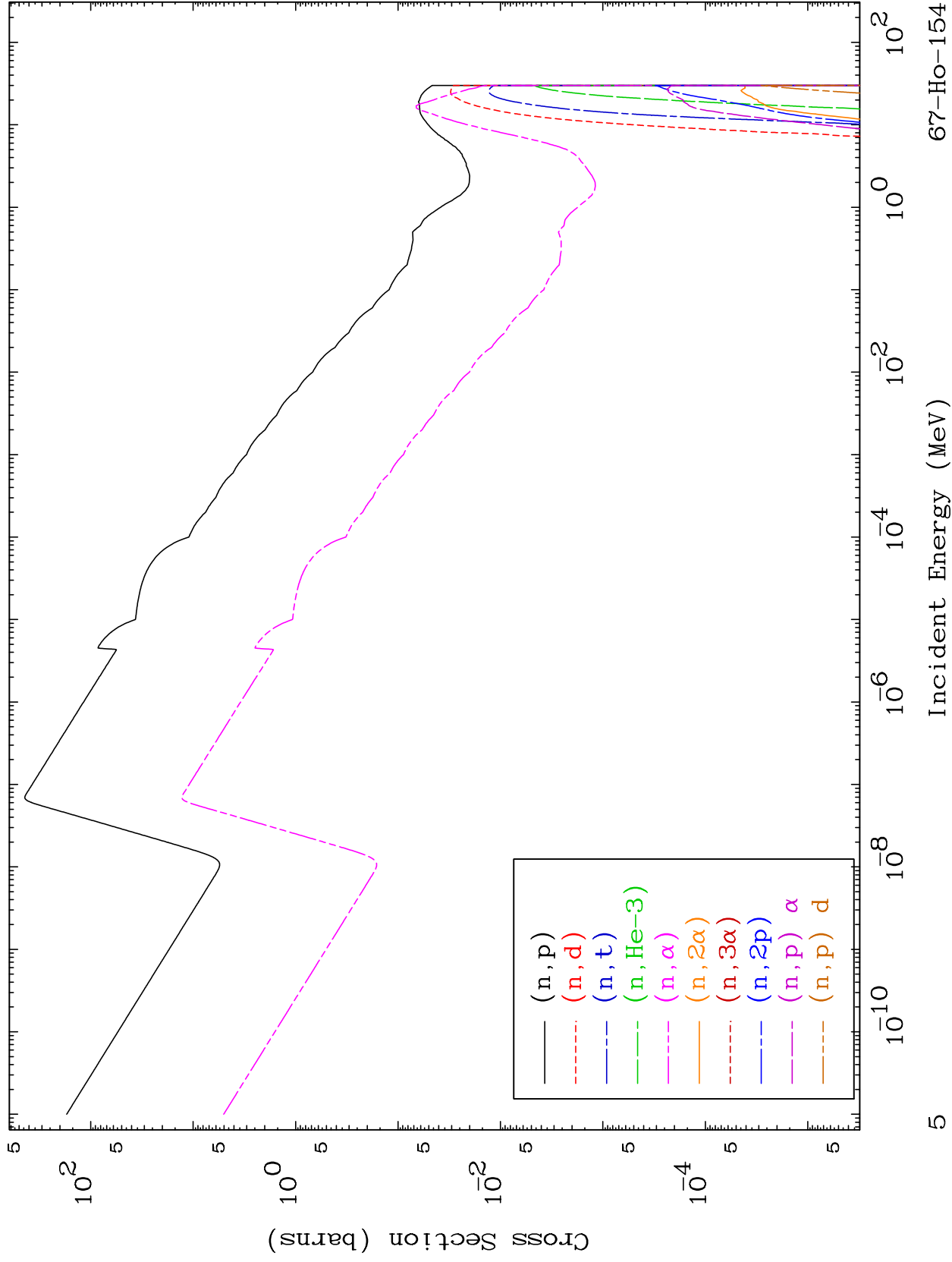


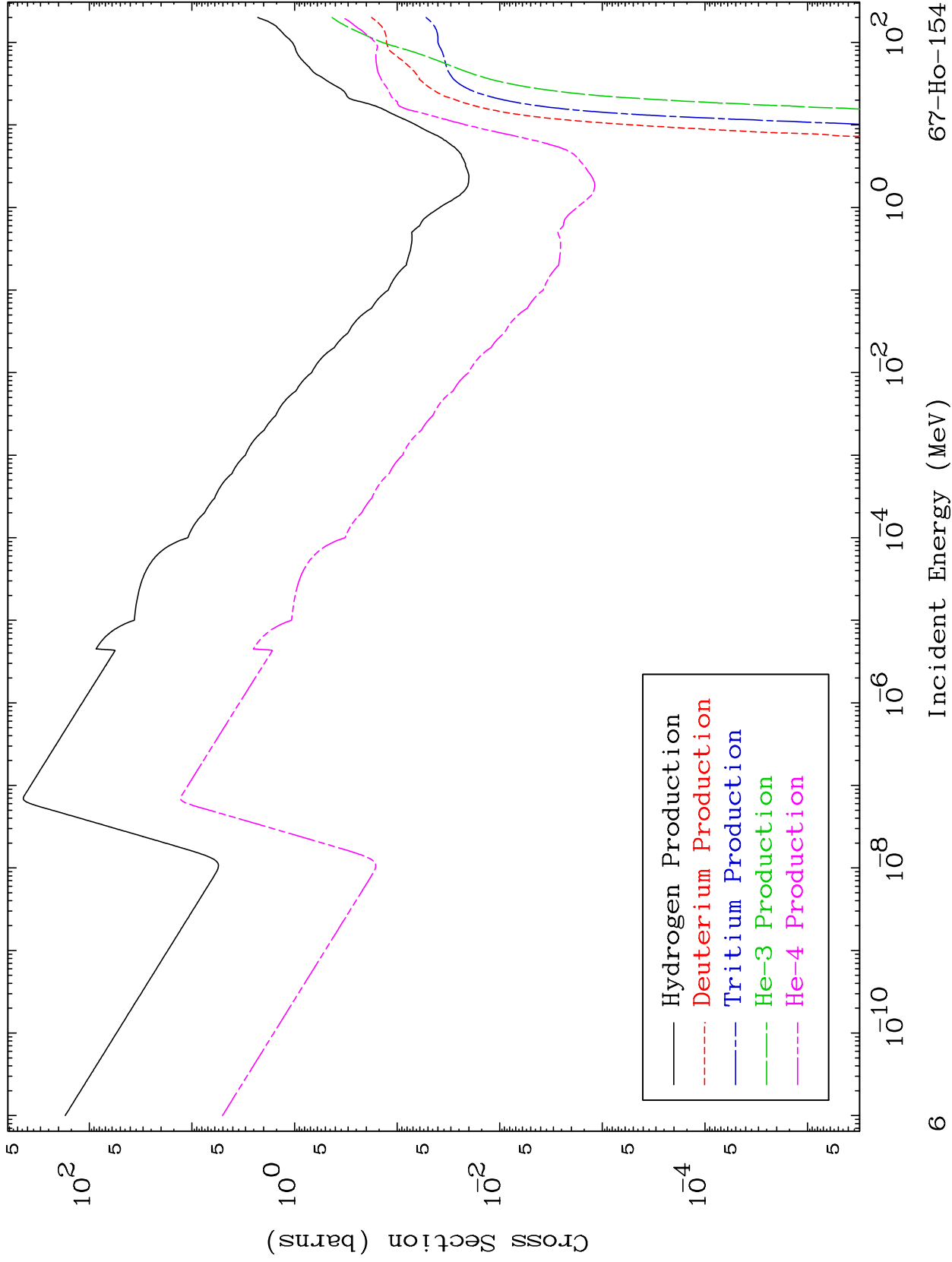
MAT 6692

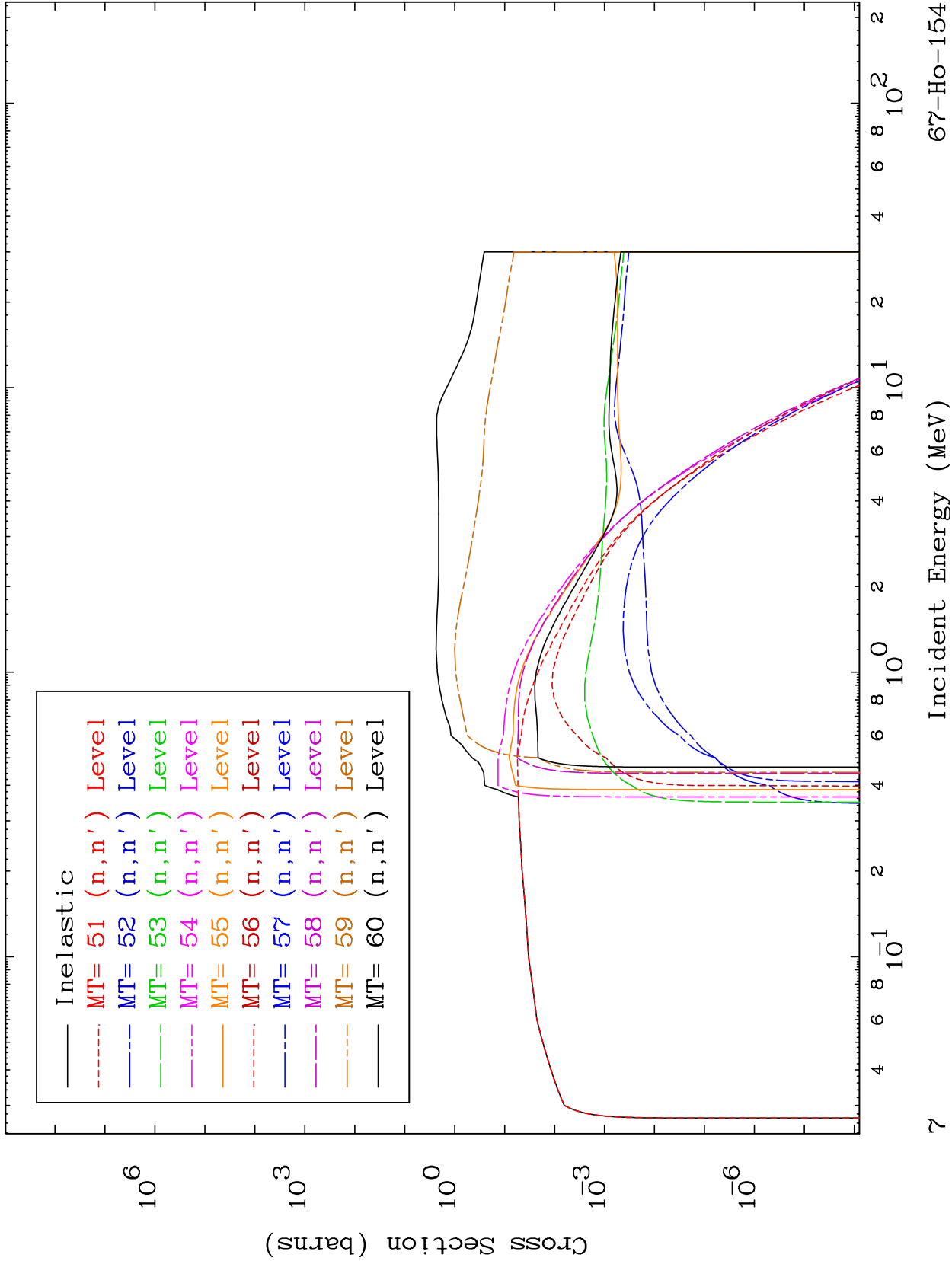
Charged Particle
293 Kelvin Cross Sections

67-Ho-154







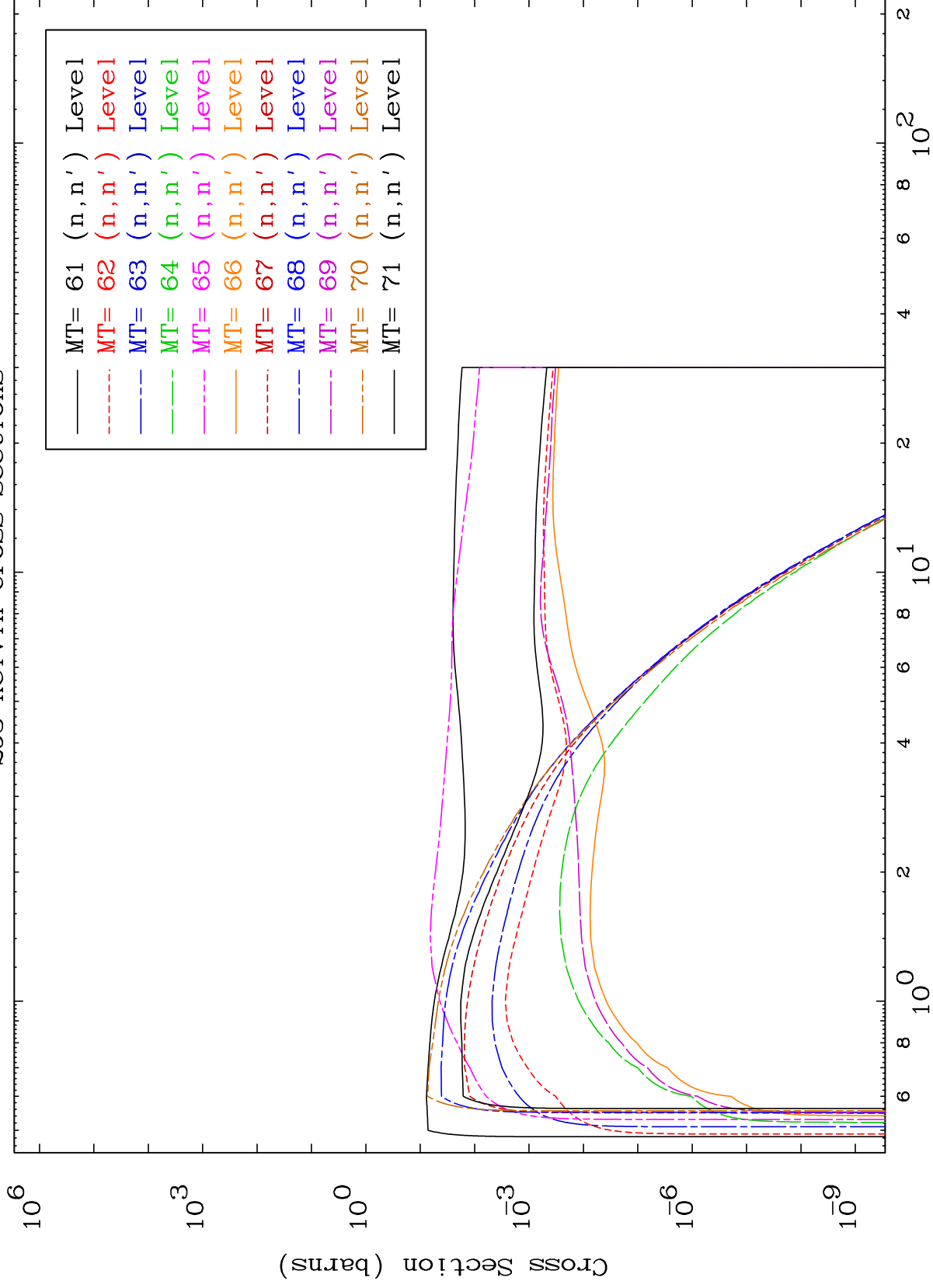


MAT 6692

(n,n') Level

293 Kelvin Cross Sections

67-Ho-154

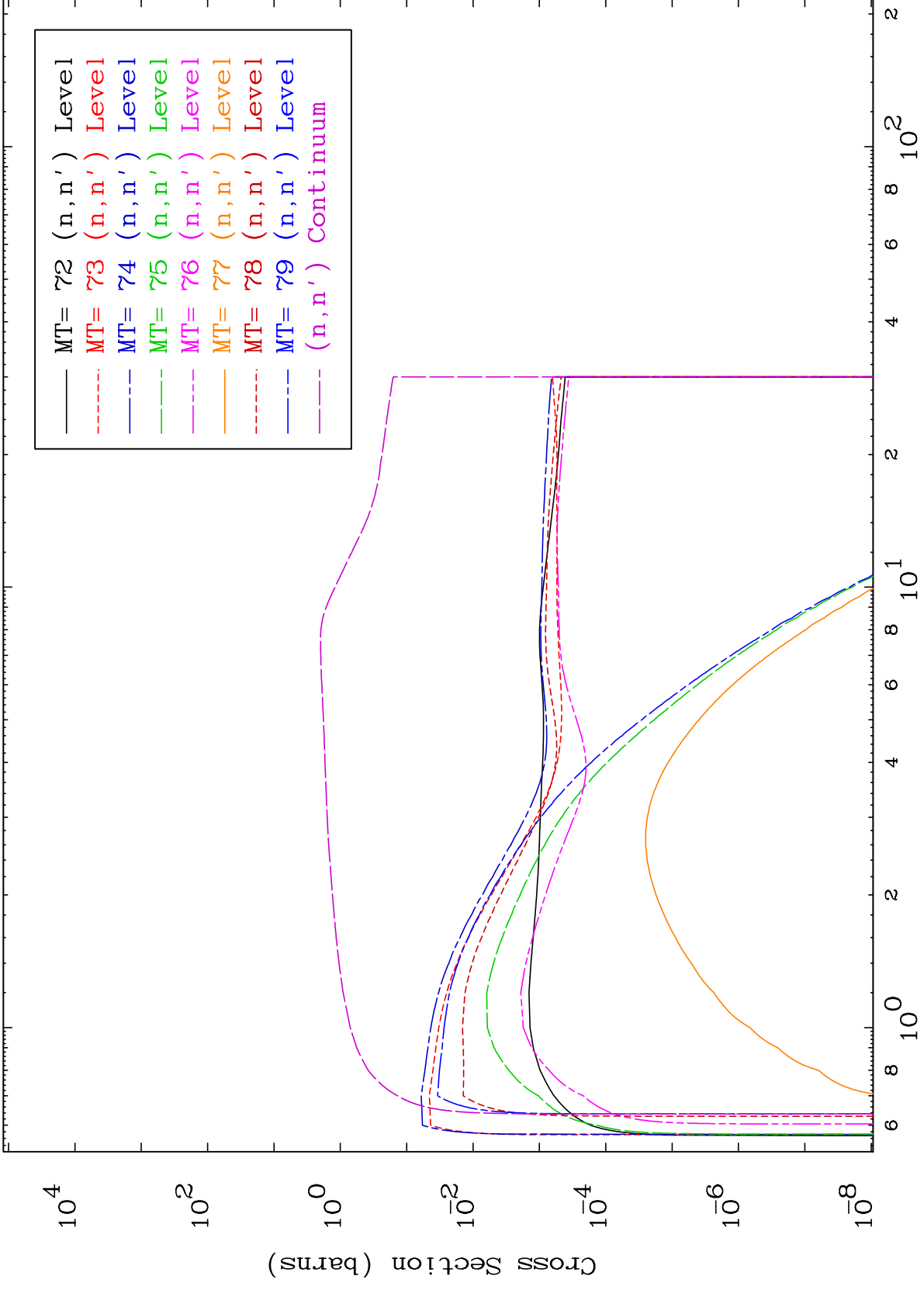


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Incident Energy (MeV)

67-Ho-154

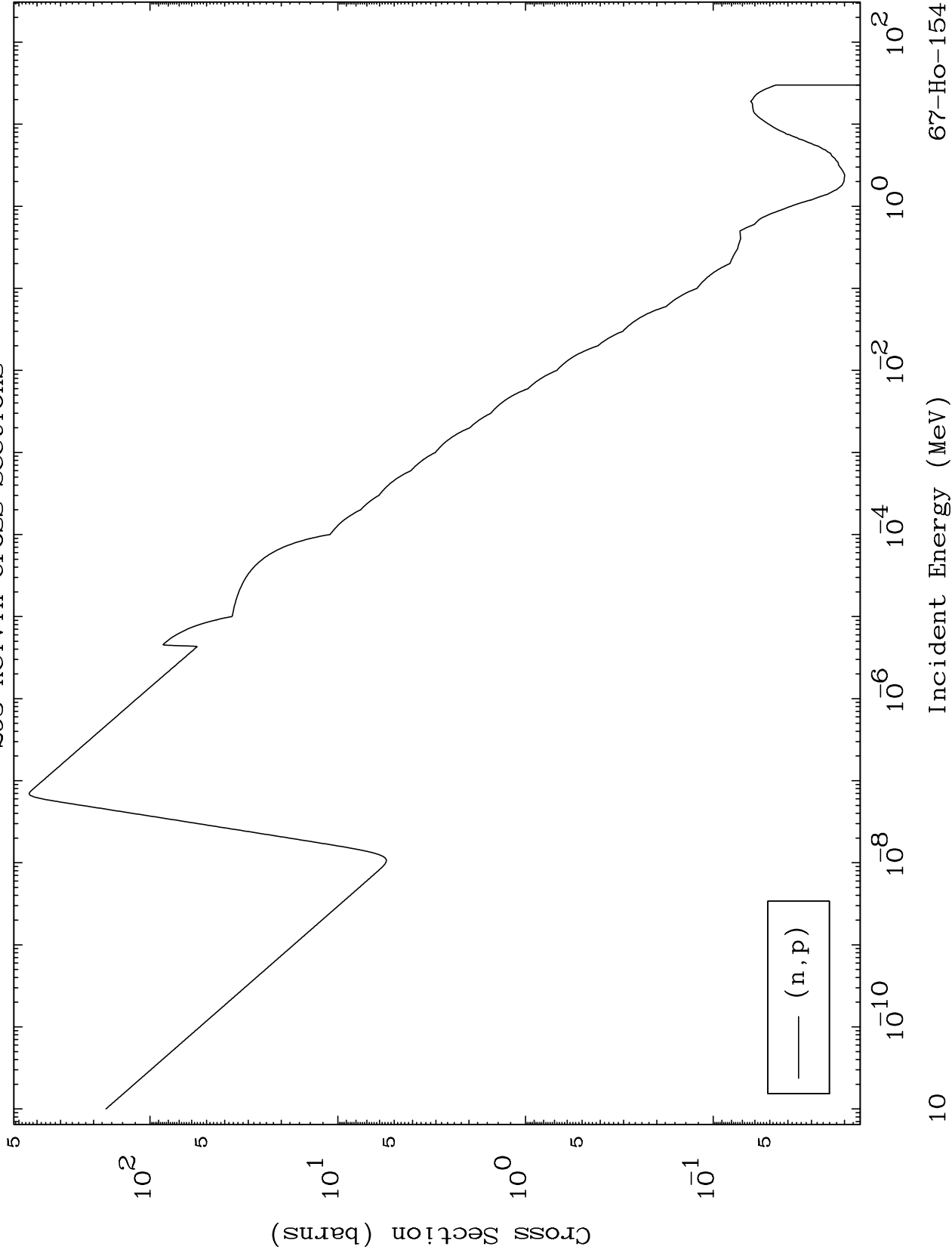
293 Kelvin Cross Sections



MAT 6692

(n,p) Levels
293 Kelvin Cross Sections

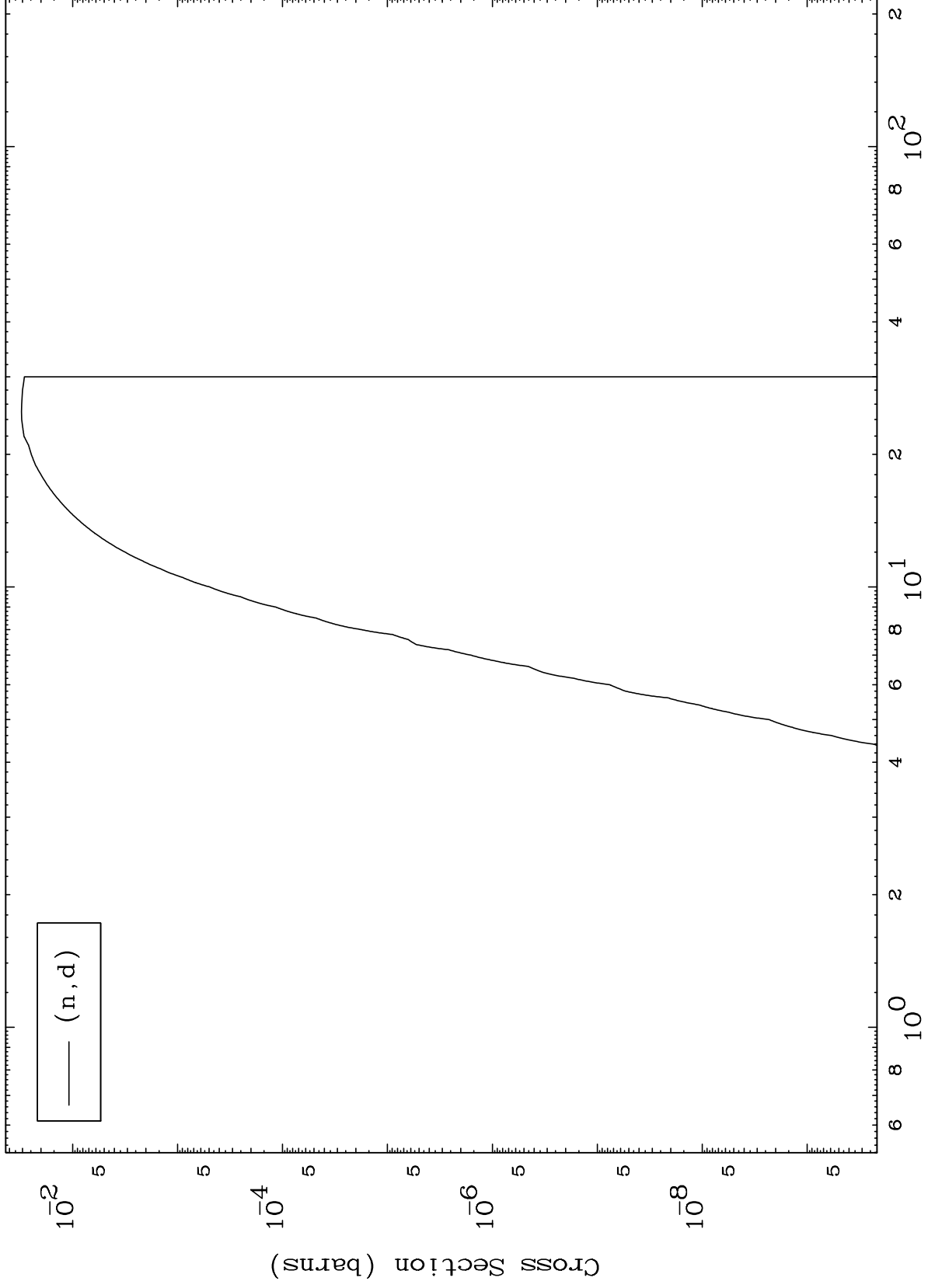
67-Ho-154



MAT 6692

(n,d) Levels
293 Kelvin Cross Sections

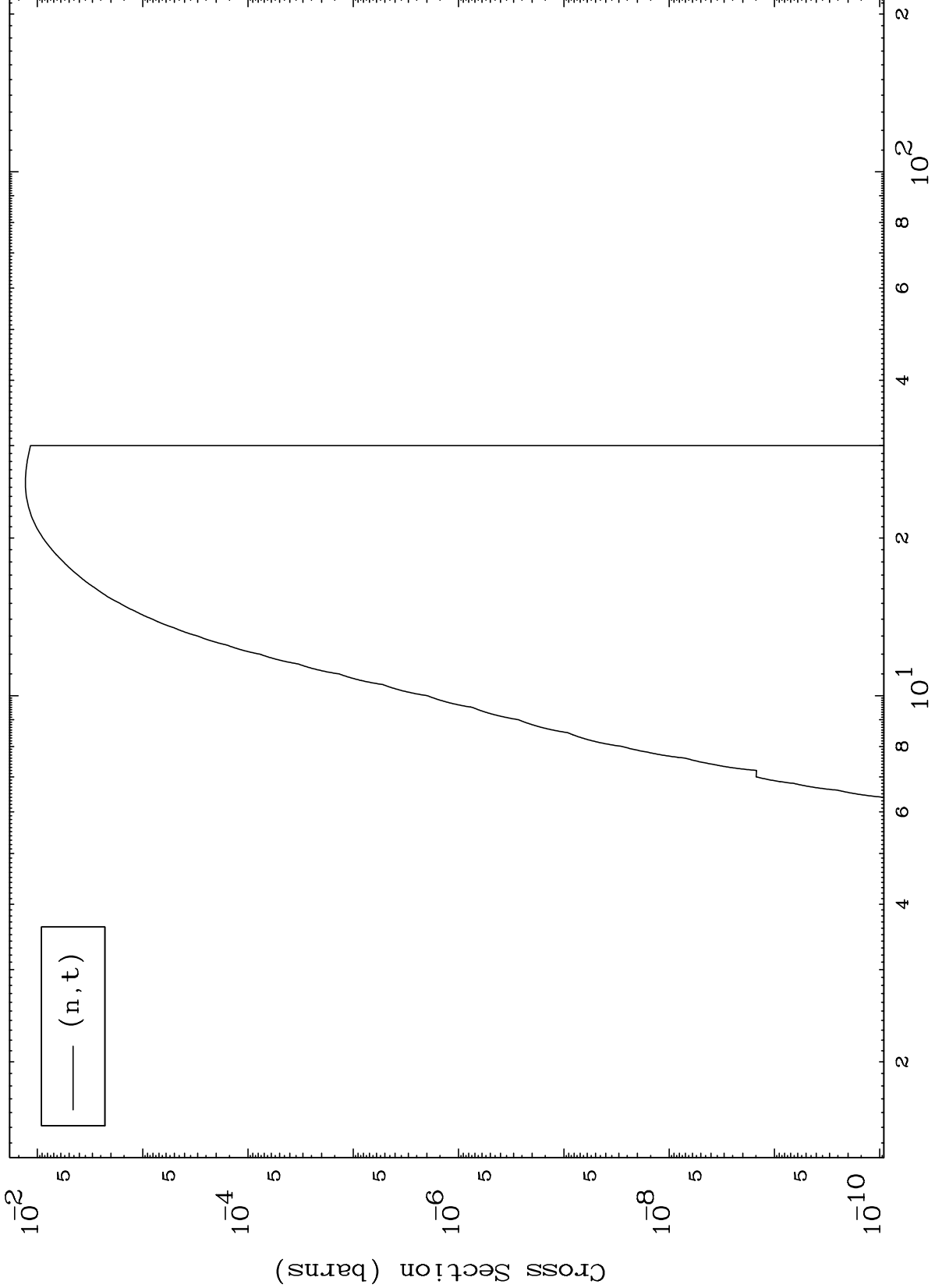
67-Ho-154



MAT 6692

(n,t) Levels
293 Kelvin Cross Sections

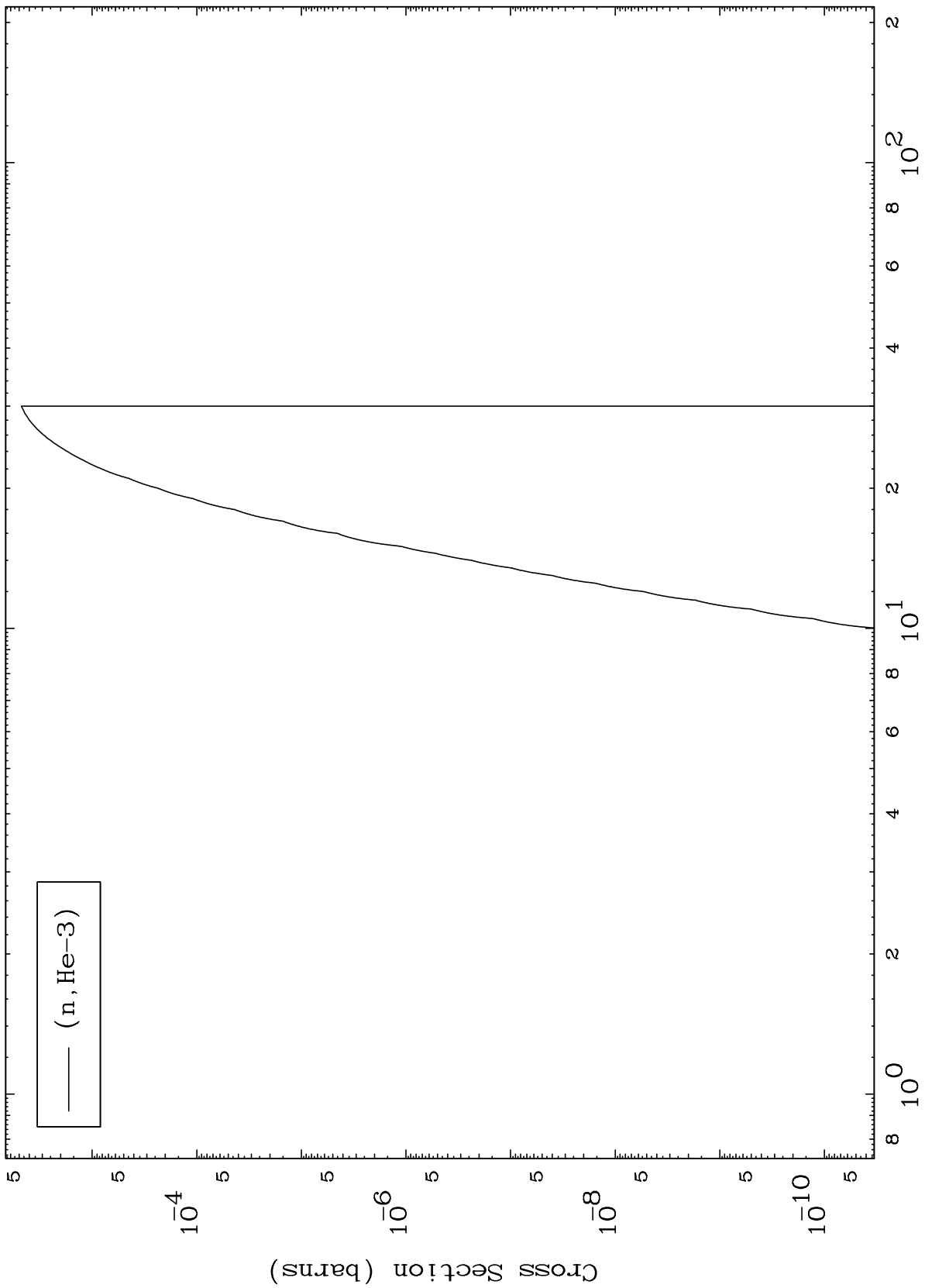
67-Ho-154



MAT 6692

(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-154



13

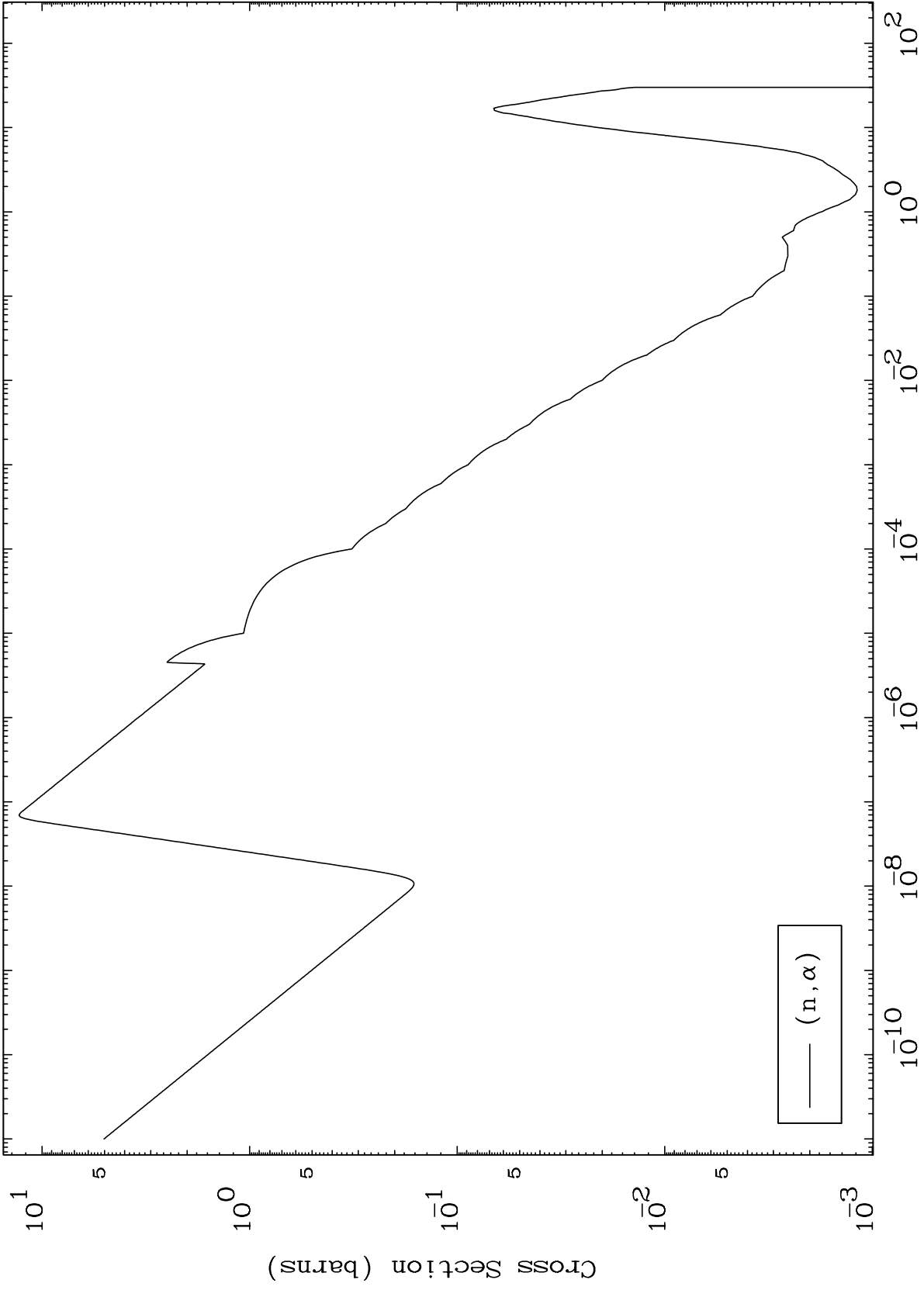
Incident Energy (MeV)

67-Ho-154

MAT 6692

(n, α) Levels
293 Kelvin Cross Sections

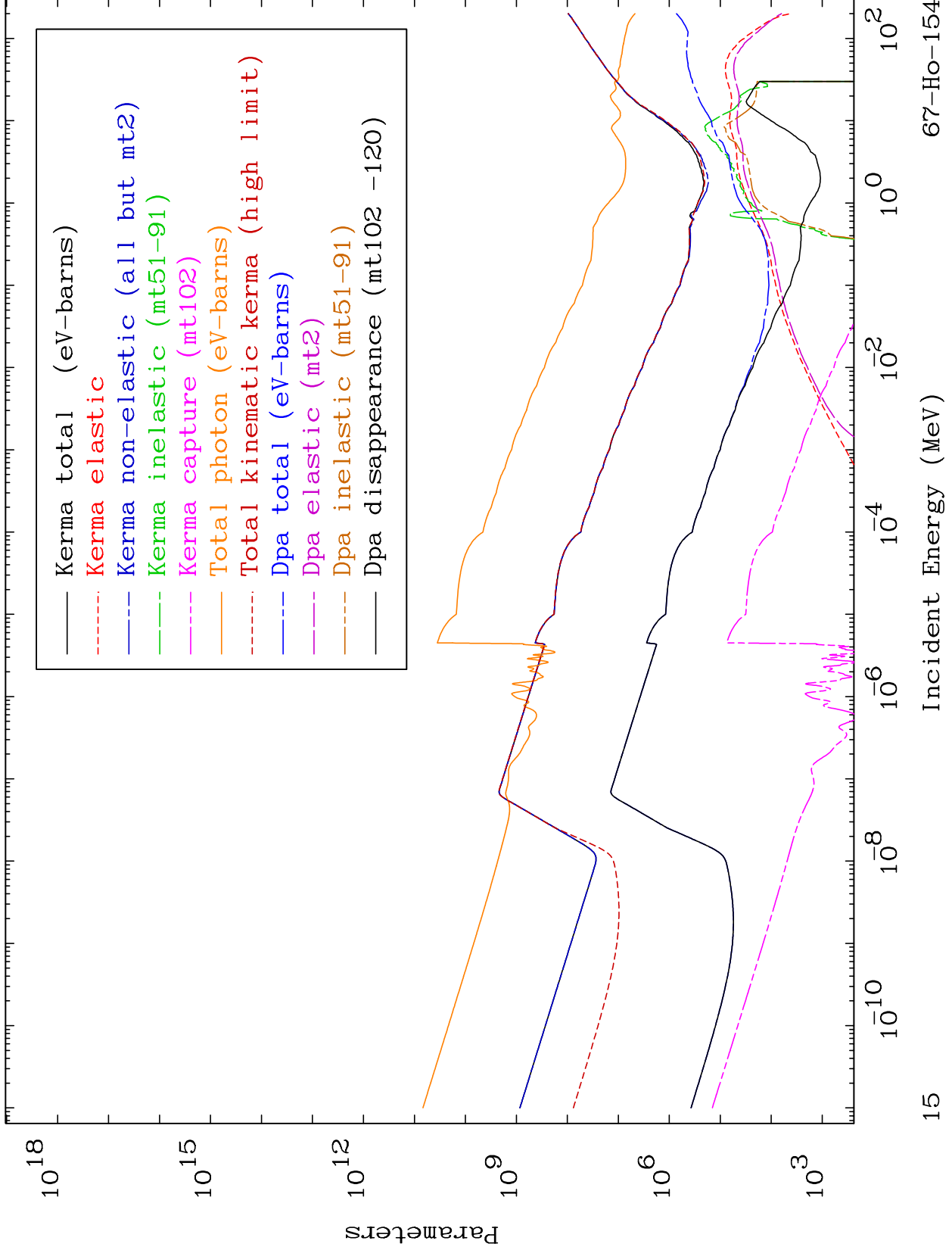
67-Ho-154



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Incident Energy (MeV)

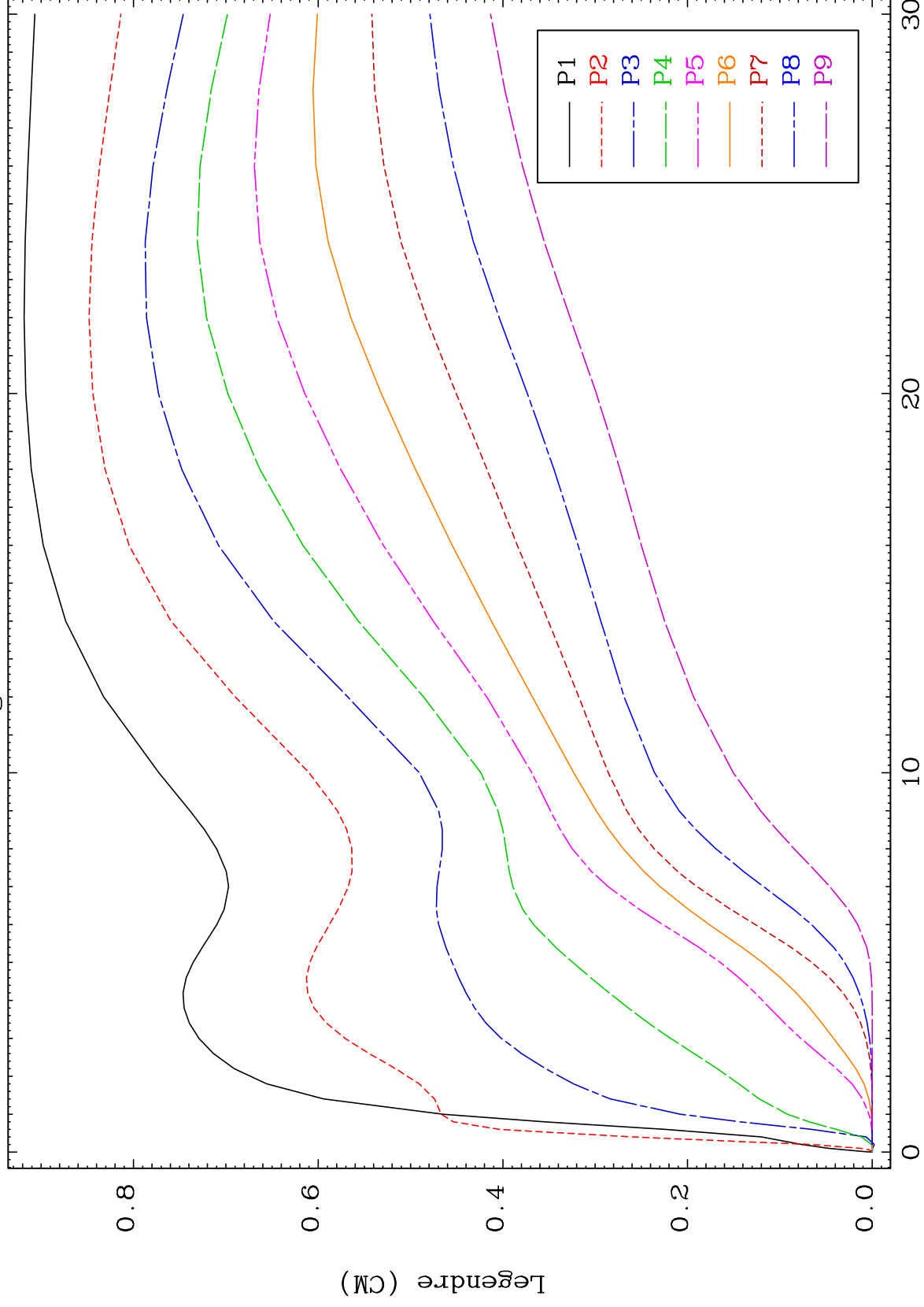
67-Ho-154



MAT 6692

Elastic Legendre Coefficients

67-Ho-154



16

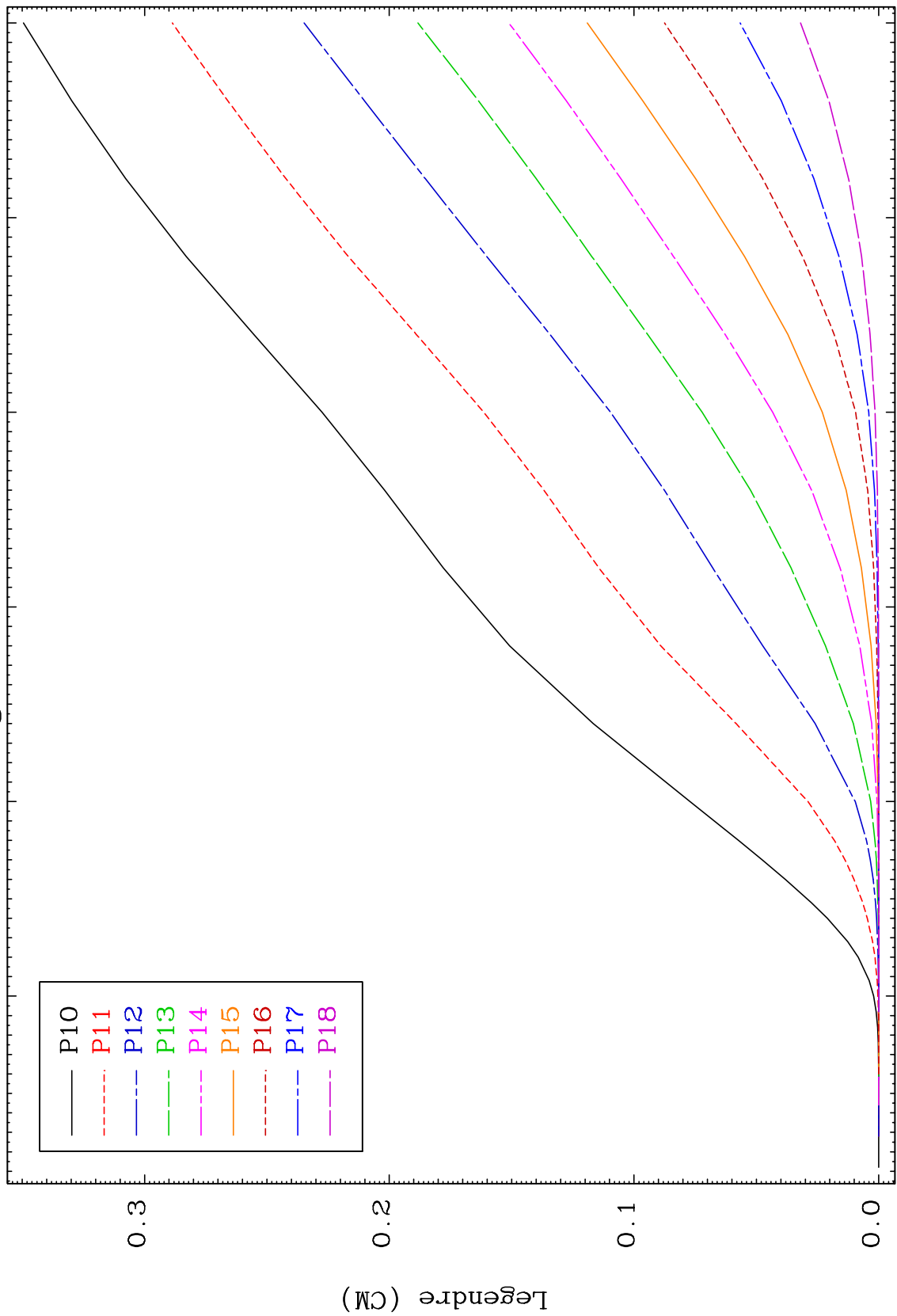
Incident Energy (MeV)

67-Ho-154

MAT 6692

Elastic Legendre Coefficients

67-Ho-154



17

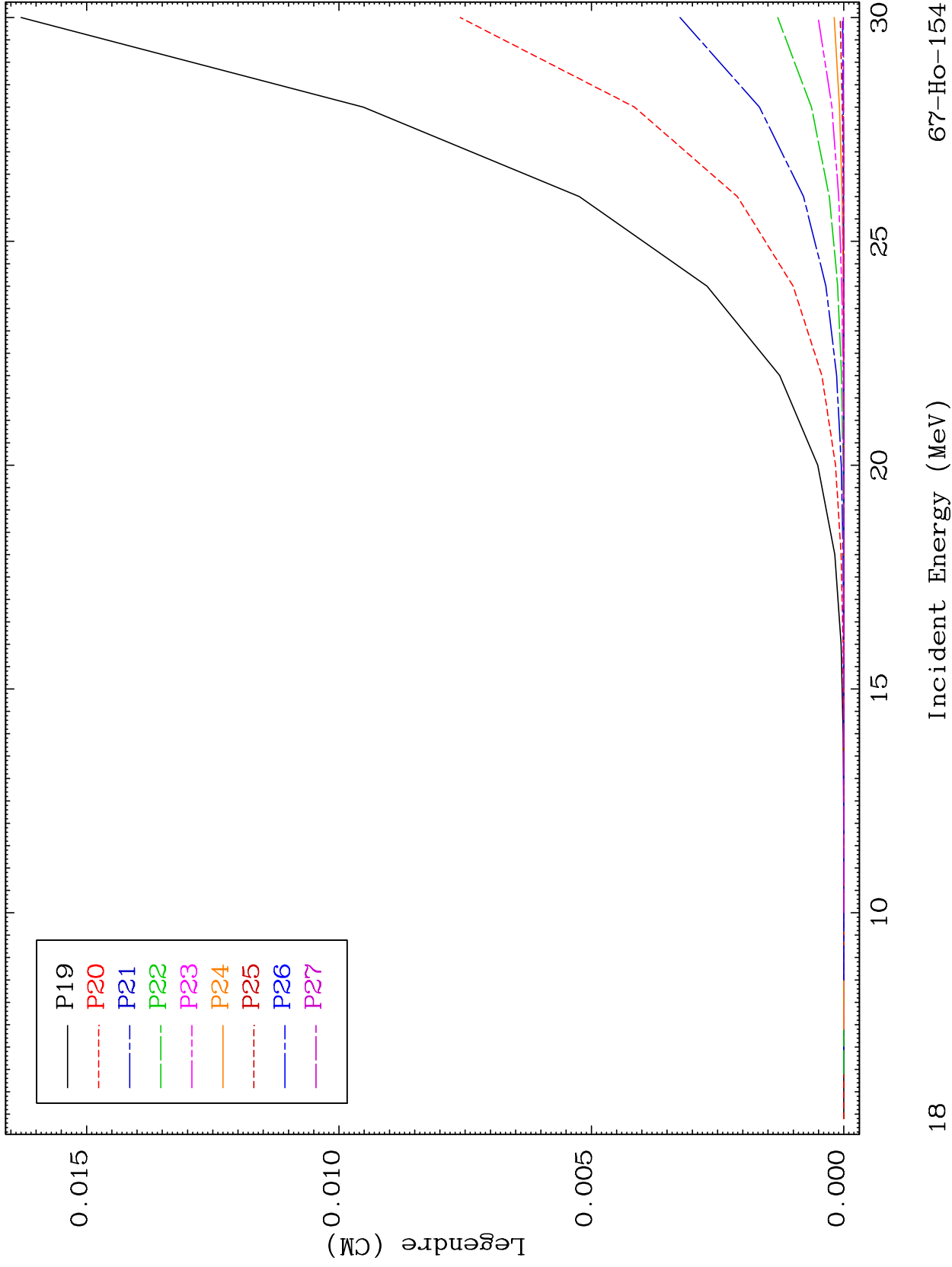
Incident Energy (MeV)

67-Ho-154

MAT 6692

Elastic Legendre Coefficients

67-Ho-154



18

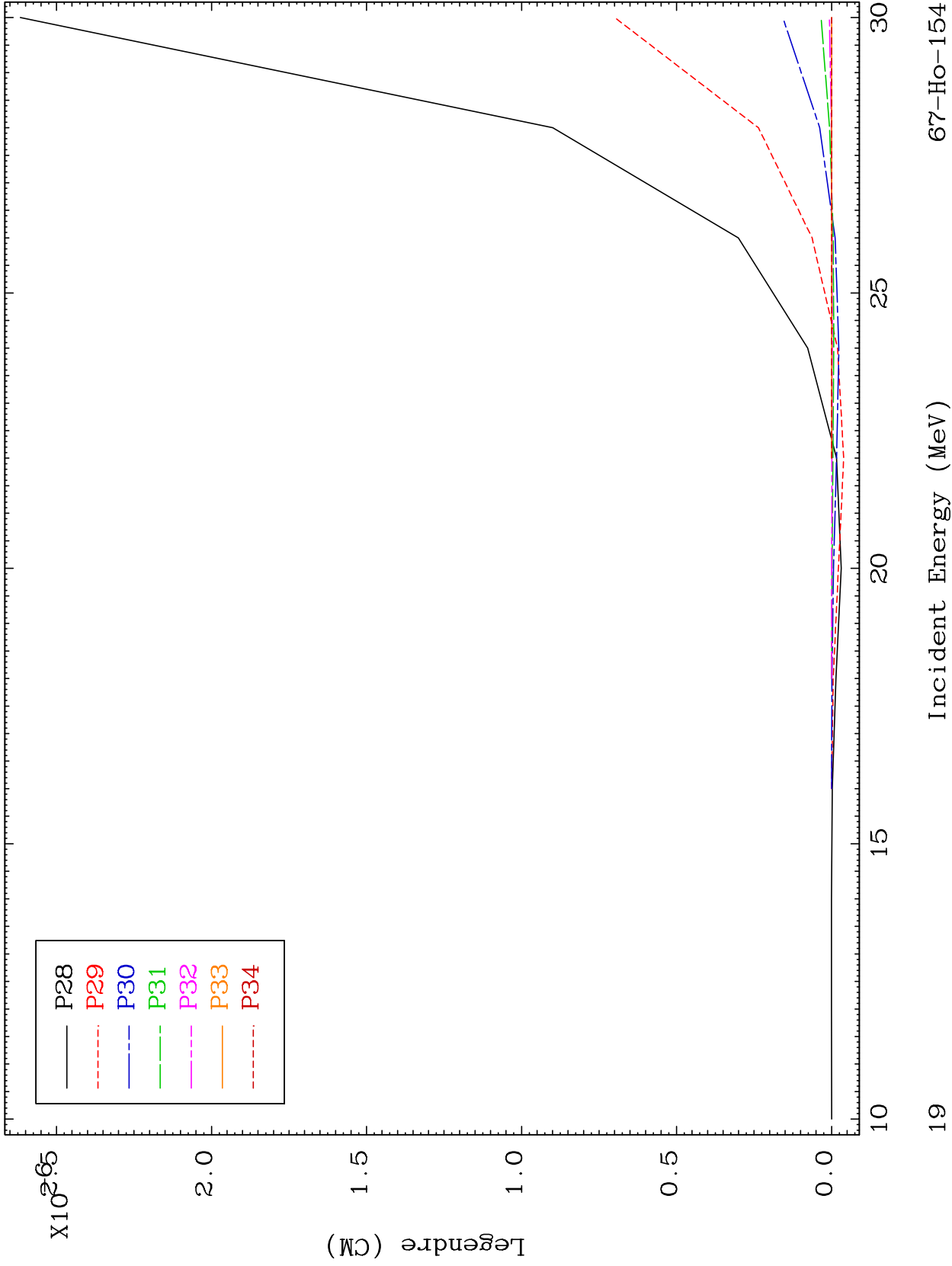
Incident Energy (MeV)

67-Ho-154

MAT 6692

Elastic Legendre Coefficients

67-Ho-154



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Incident Energy (MeV)

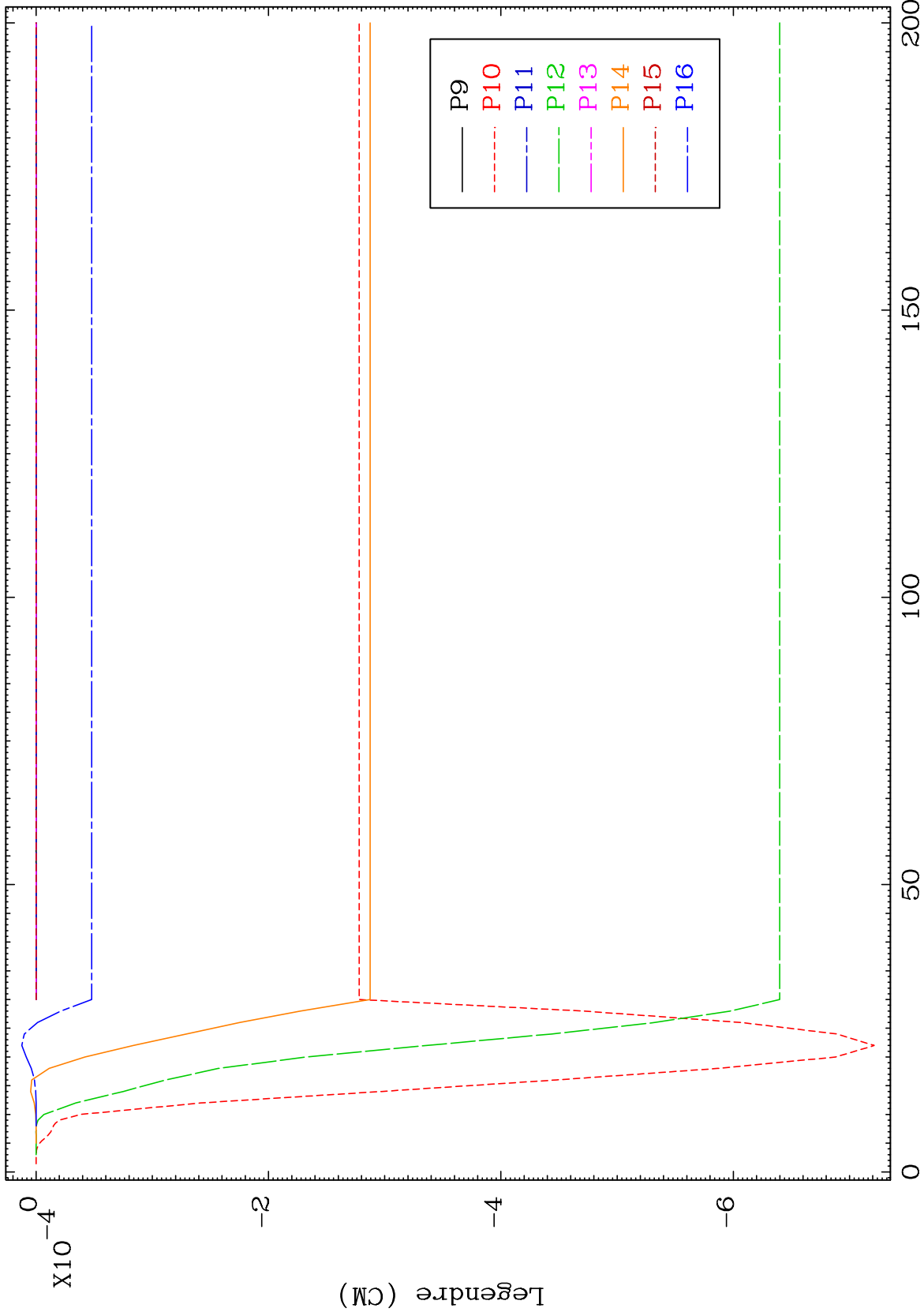
67-Ho-154

MAT 6692

MT= 51 (n,n') Level

67-Ho-154

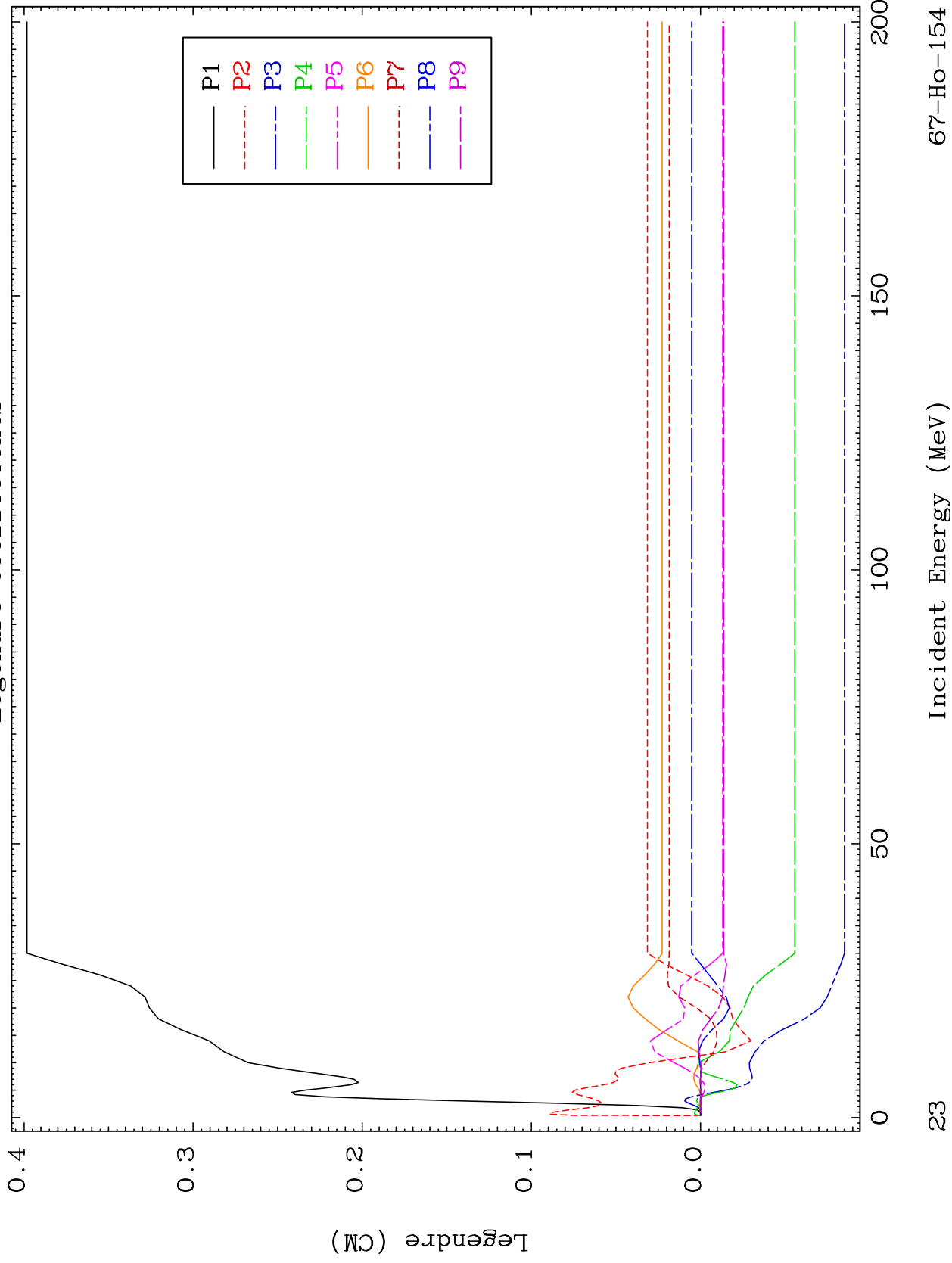
Legendre Coefficients



21

Incident Energy (MeV)

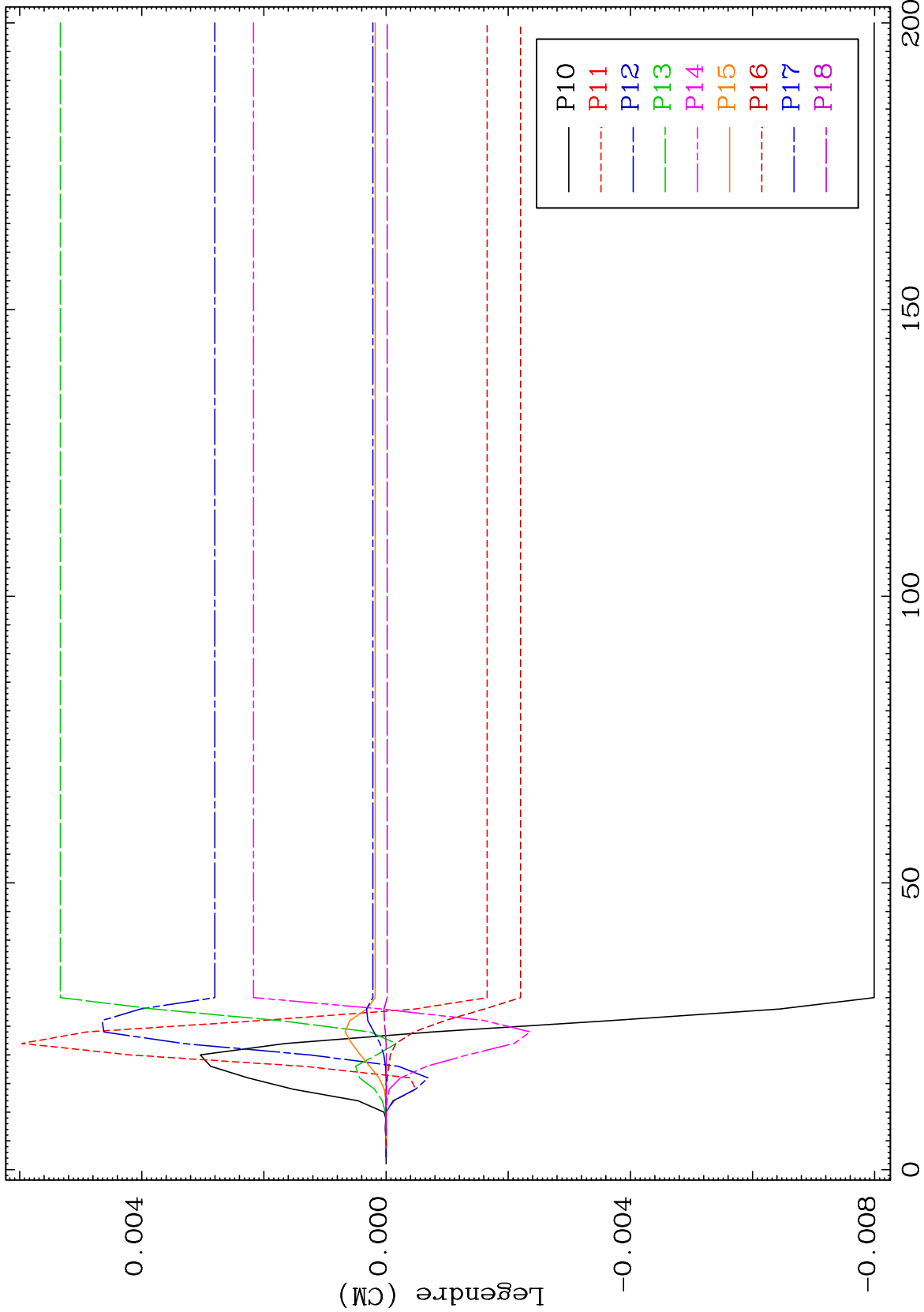
67-Ho-154



MAT 6692

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

67-Ho-154



24

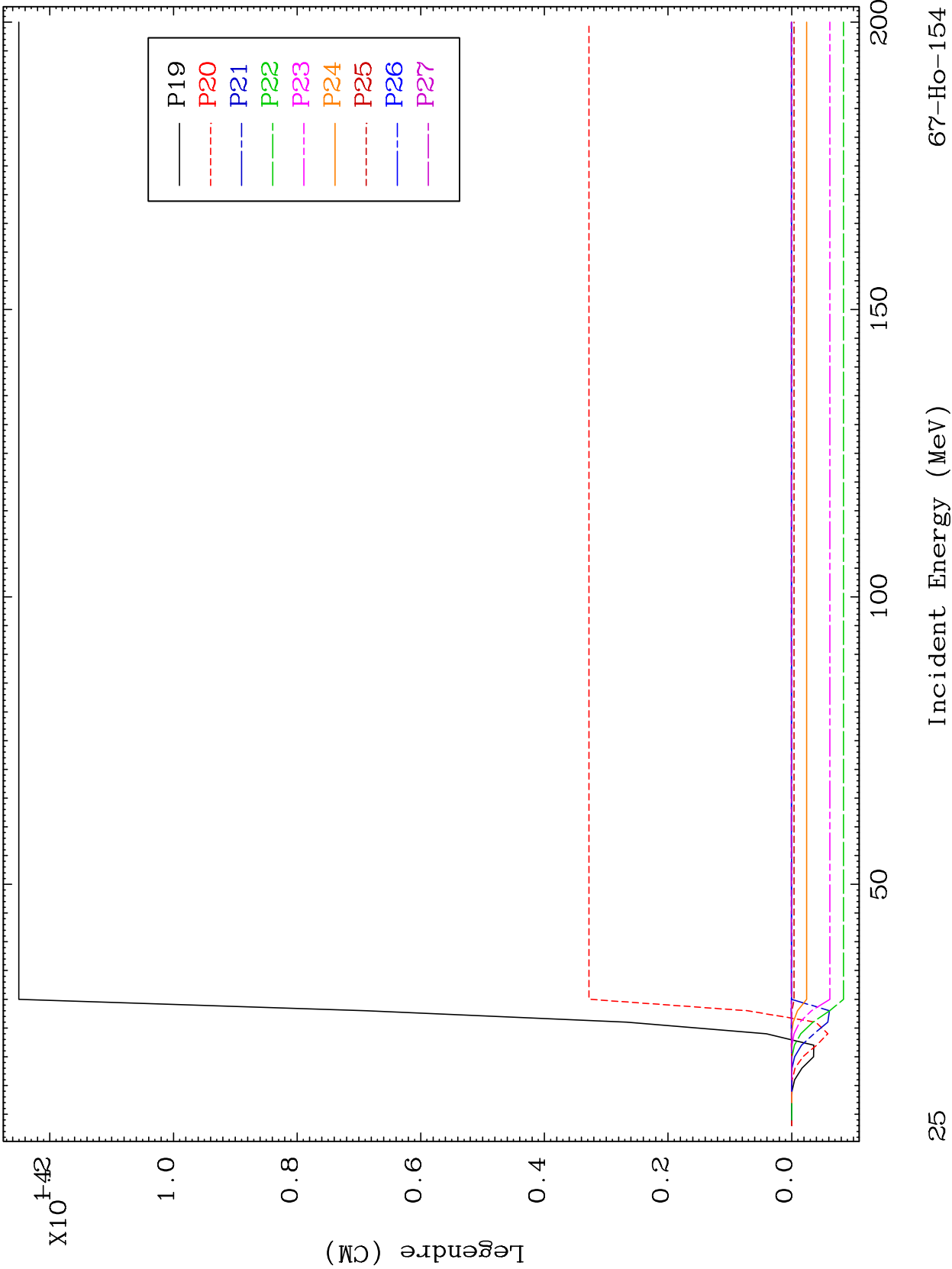
Incident Energy (MeV)

67-Ho-154

MAT 6692

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

67-Ho-154



25

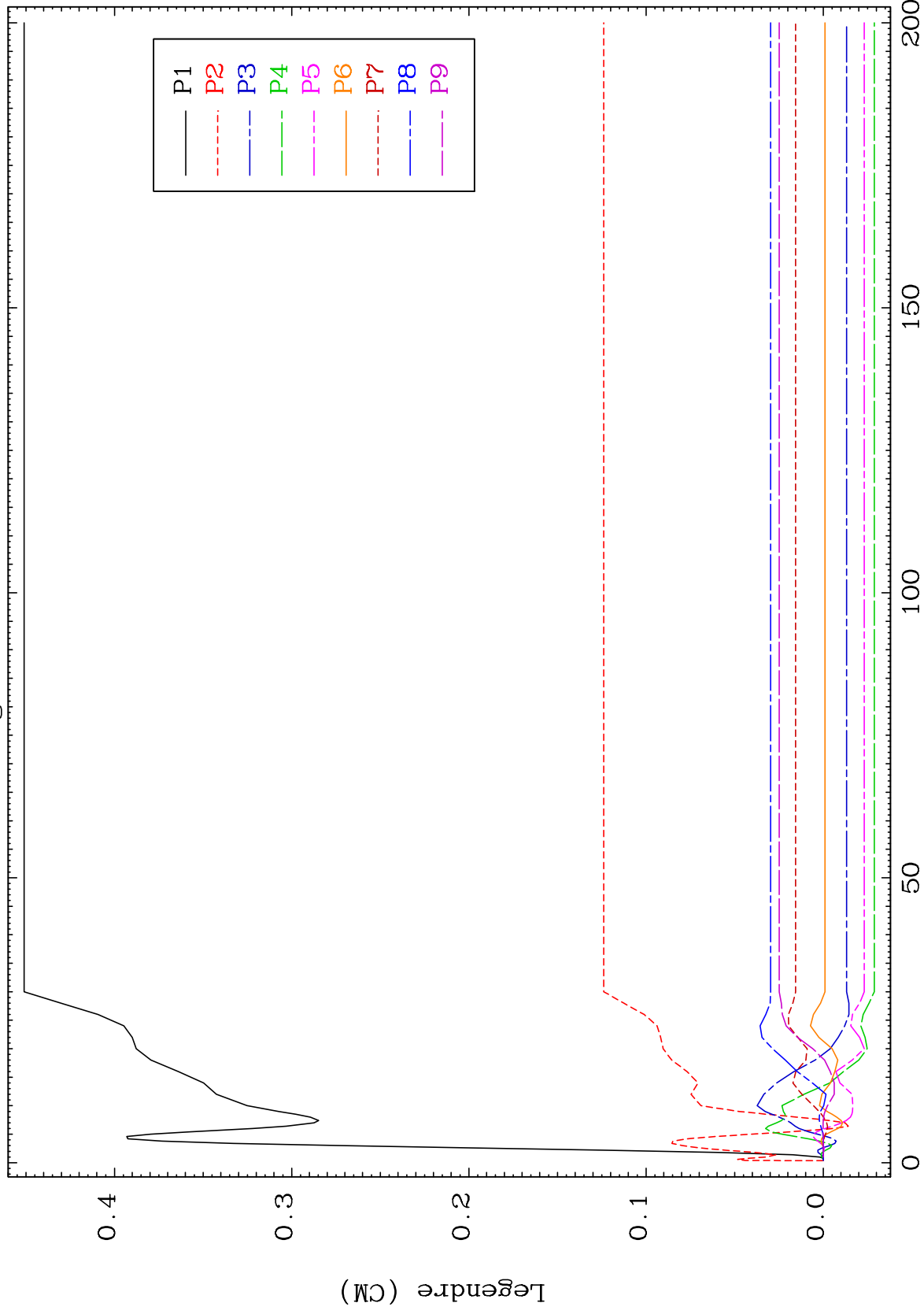
Incident Energy (MeV)

67-Ho-154

MAT 6692

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

67-Ho-154



27

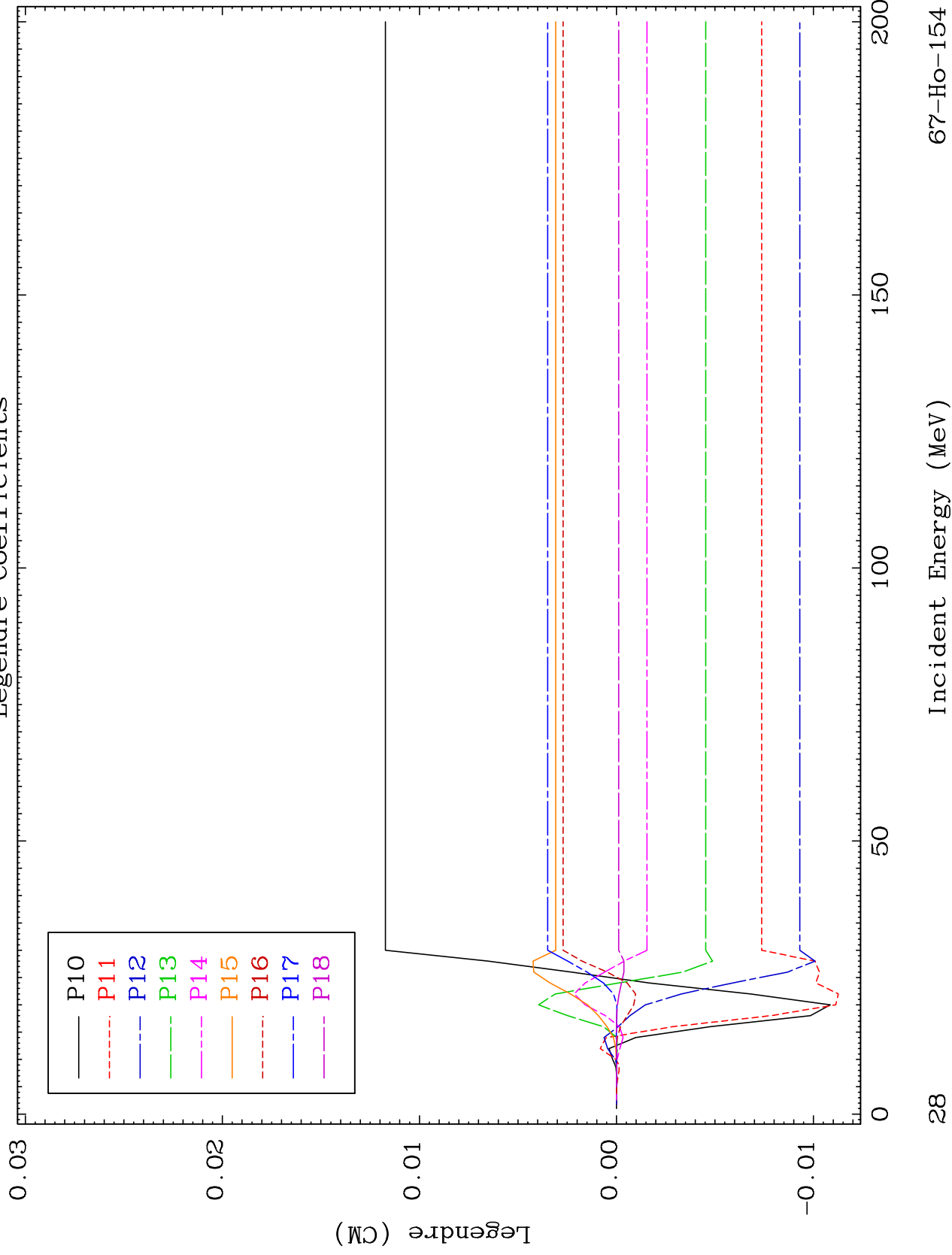
Incident Energy (MeV)

67-Ho-154

MAT 6692

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

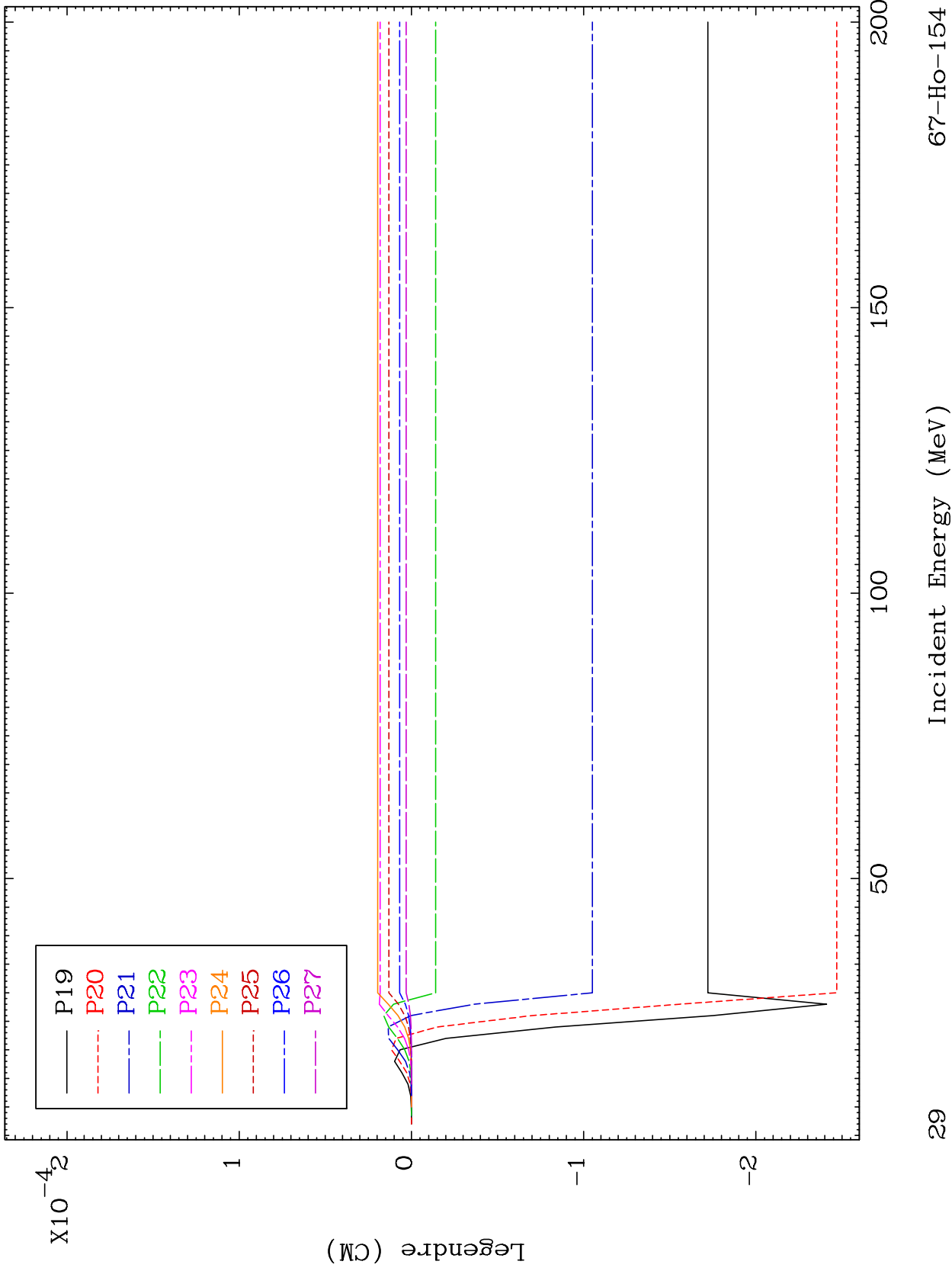
67-Ho-154



28

Incident Energy (MeV)

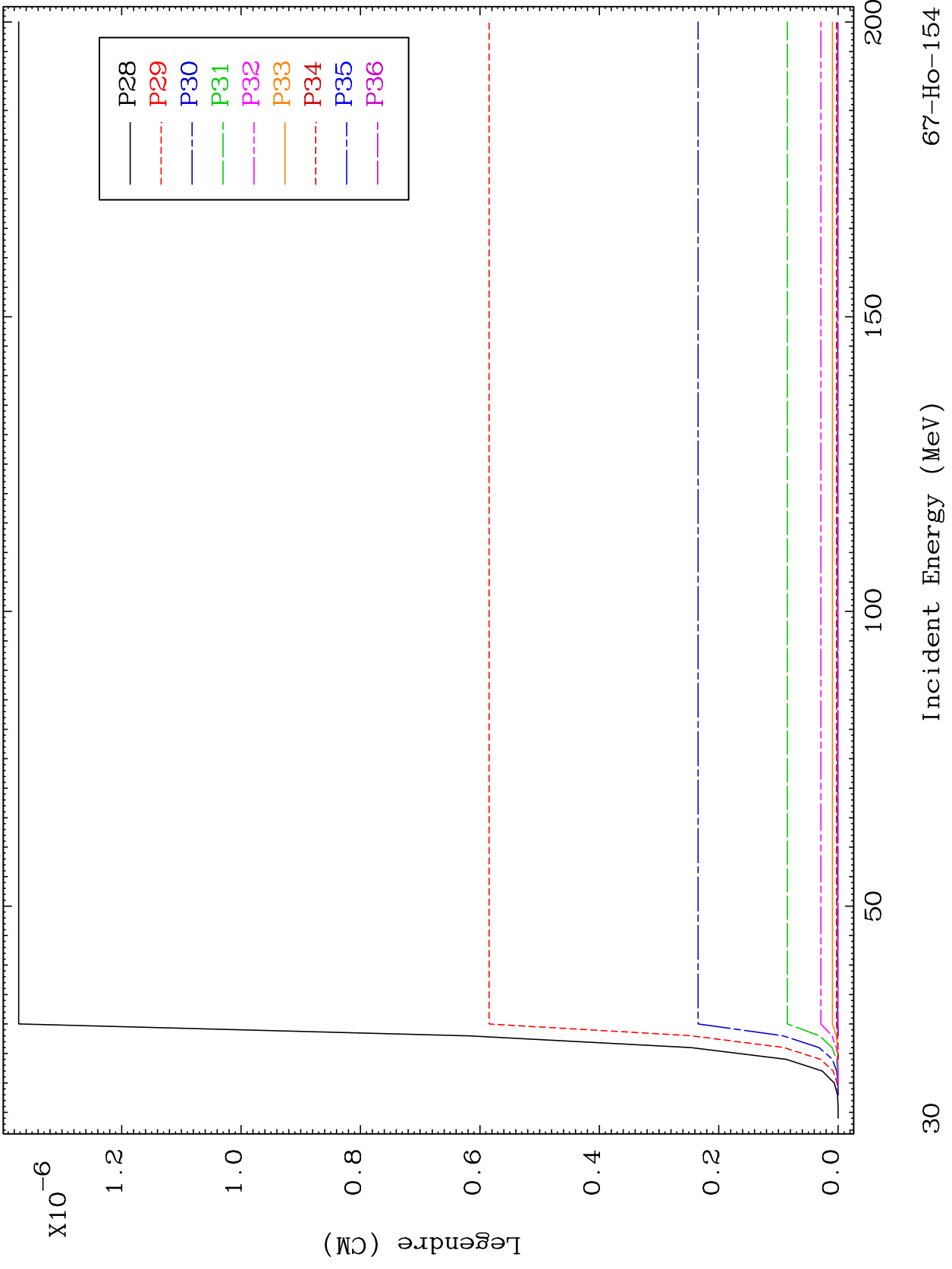
67-Ho-154



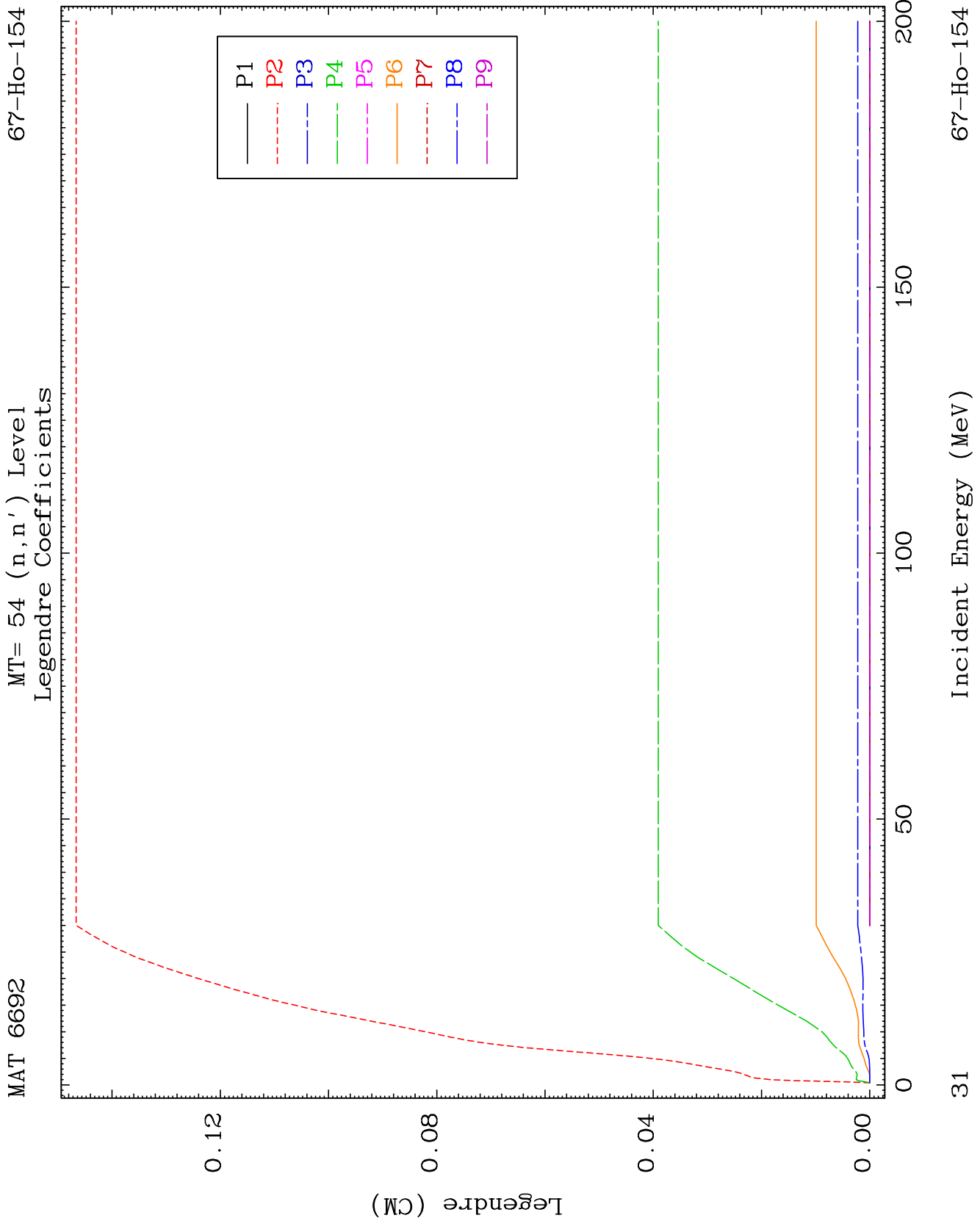
MAT 6692

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

67-Ho-154



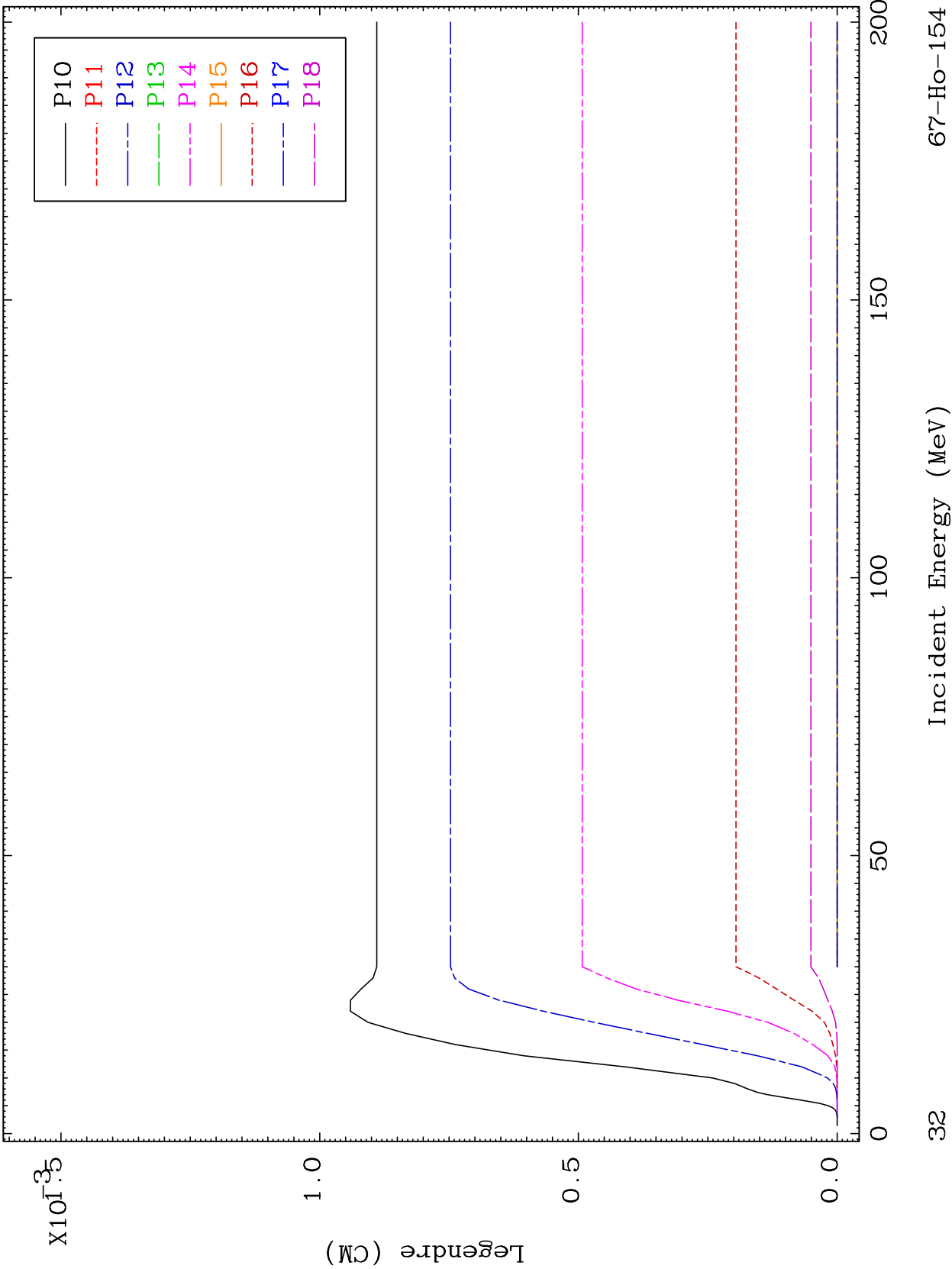
67-Ho-154



MAT 6692

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

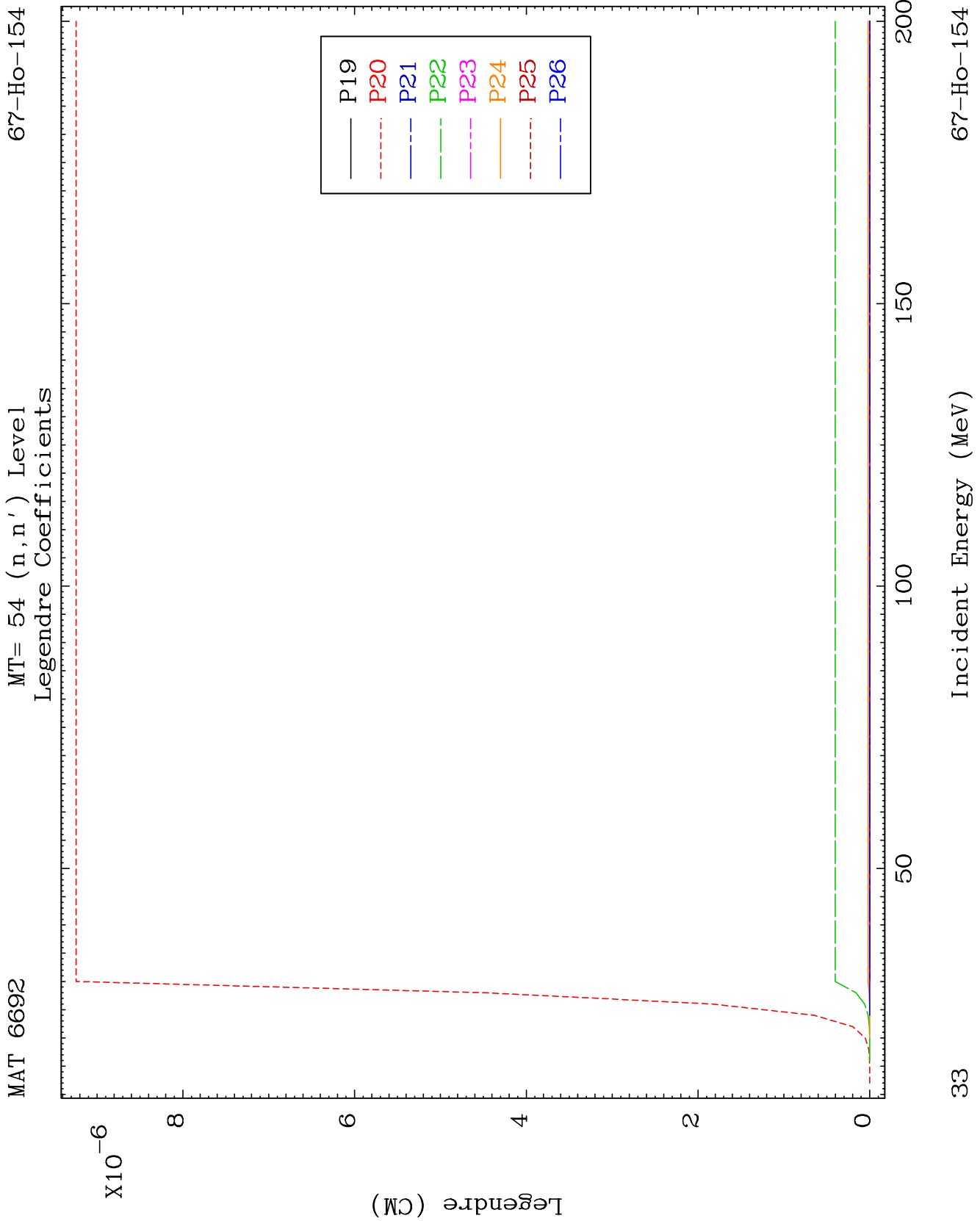
67-Ho-154



67-Ho-154

Incident Energy (MeV)

32

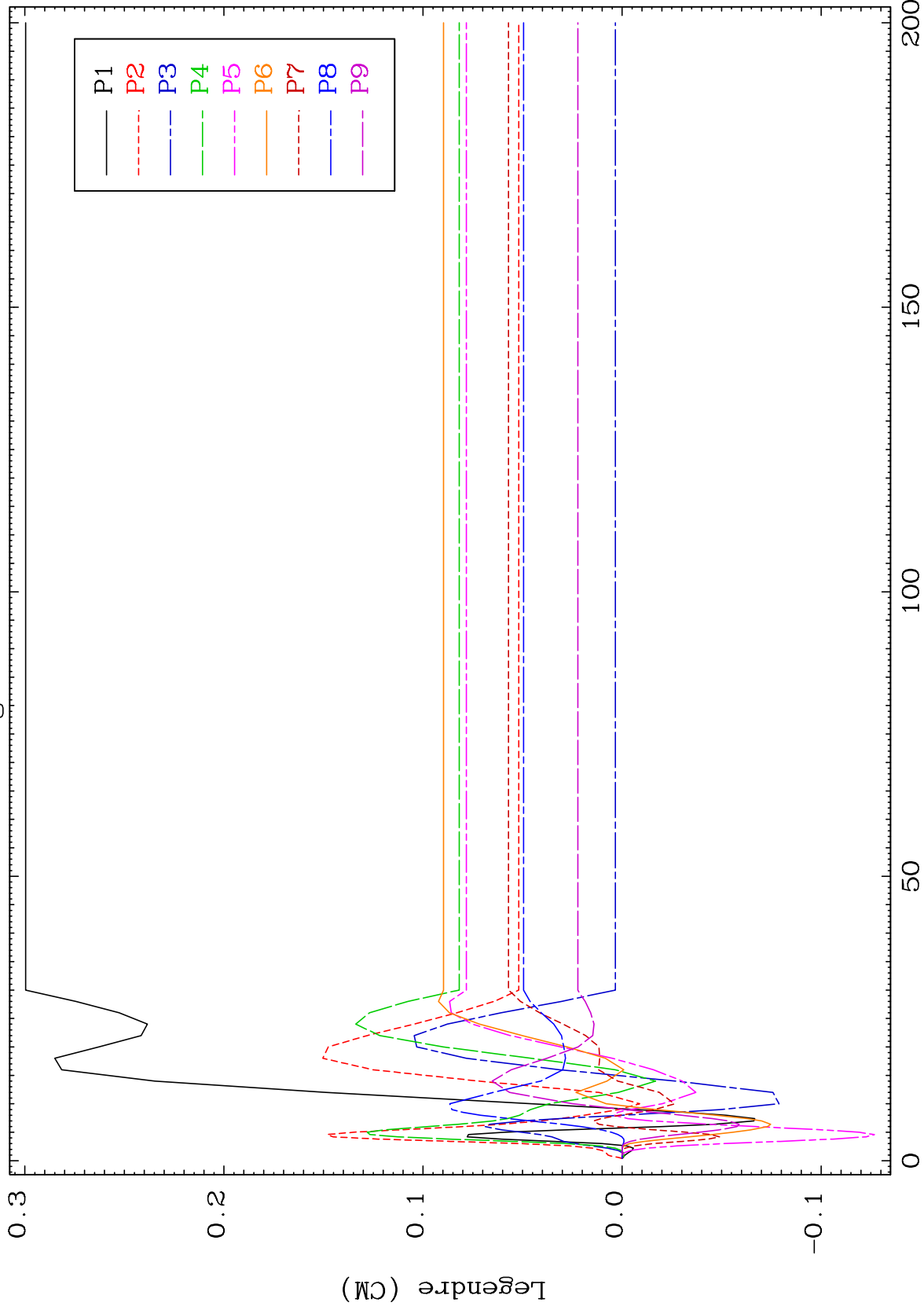


MAT 6692

MT= 55 (n,n') Level

67-Ho-154

Legendre Coefficients



34

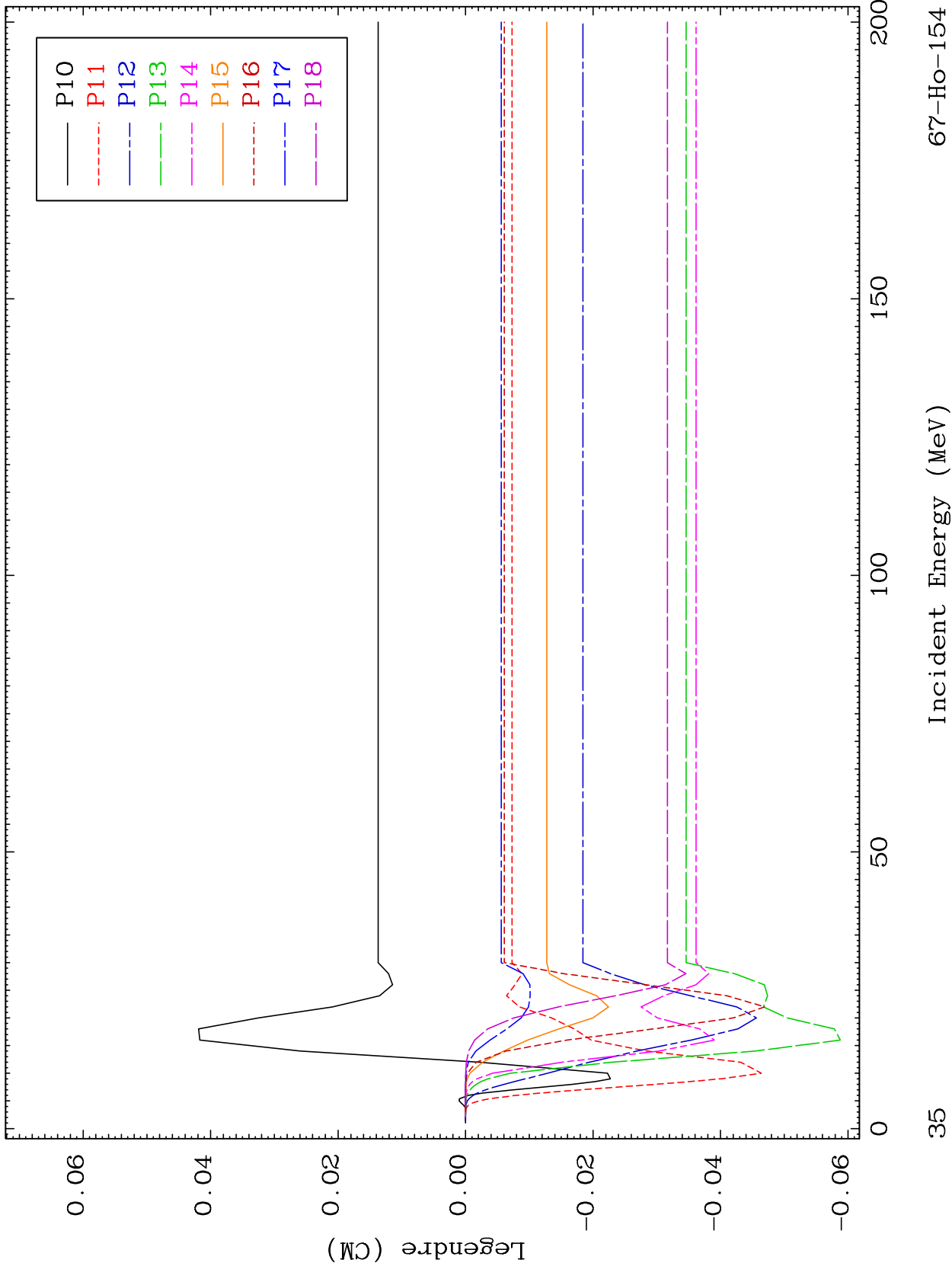
Incident Energy (MeV)

67-Ho-154

MAT 6692

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

67-Ho-154



35

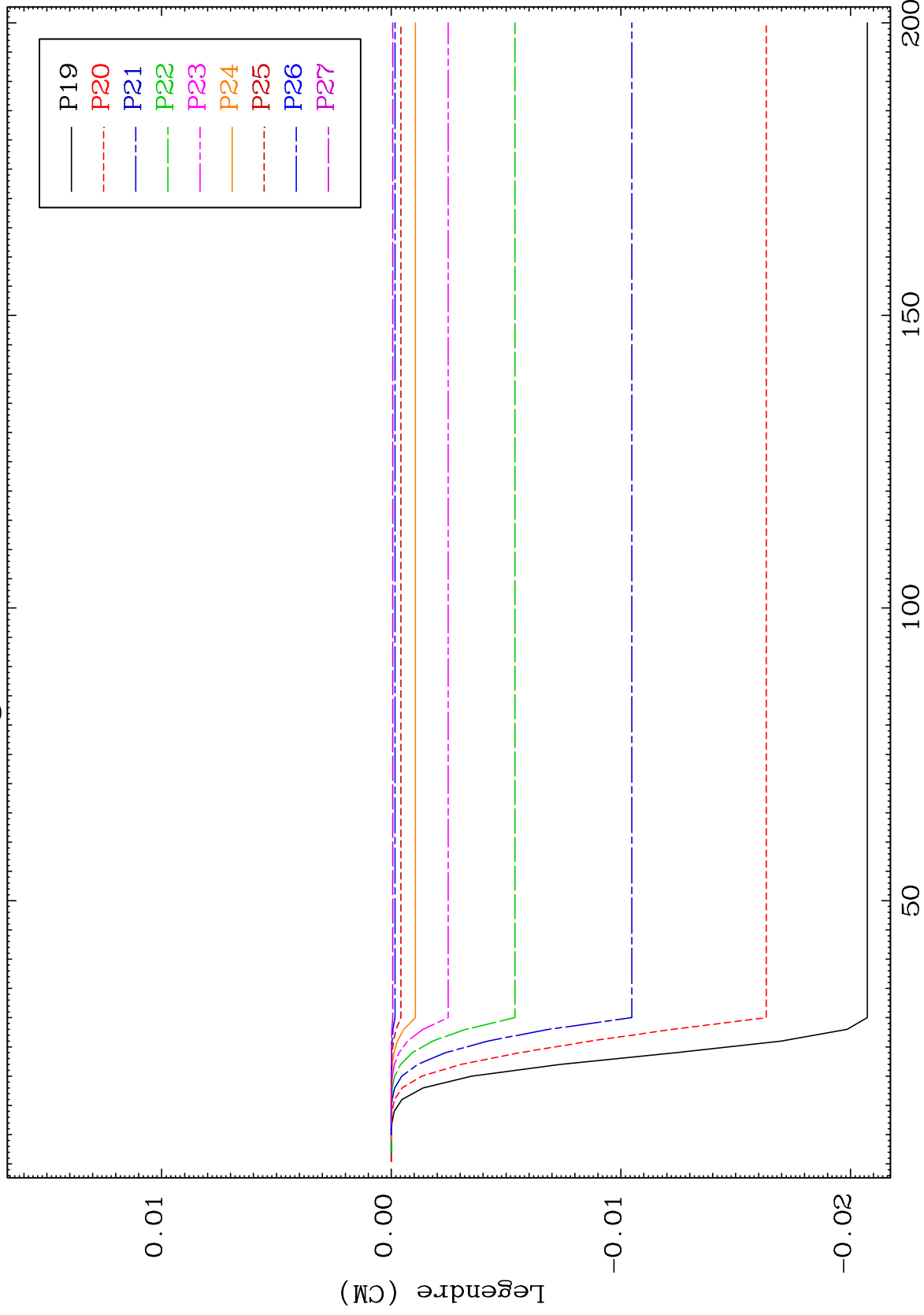
Incident Energy (MeV)

67-Ho-154

MAT 6692

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

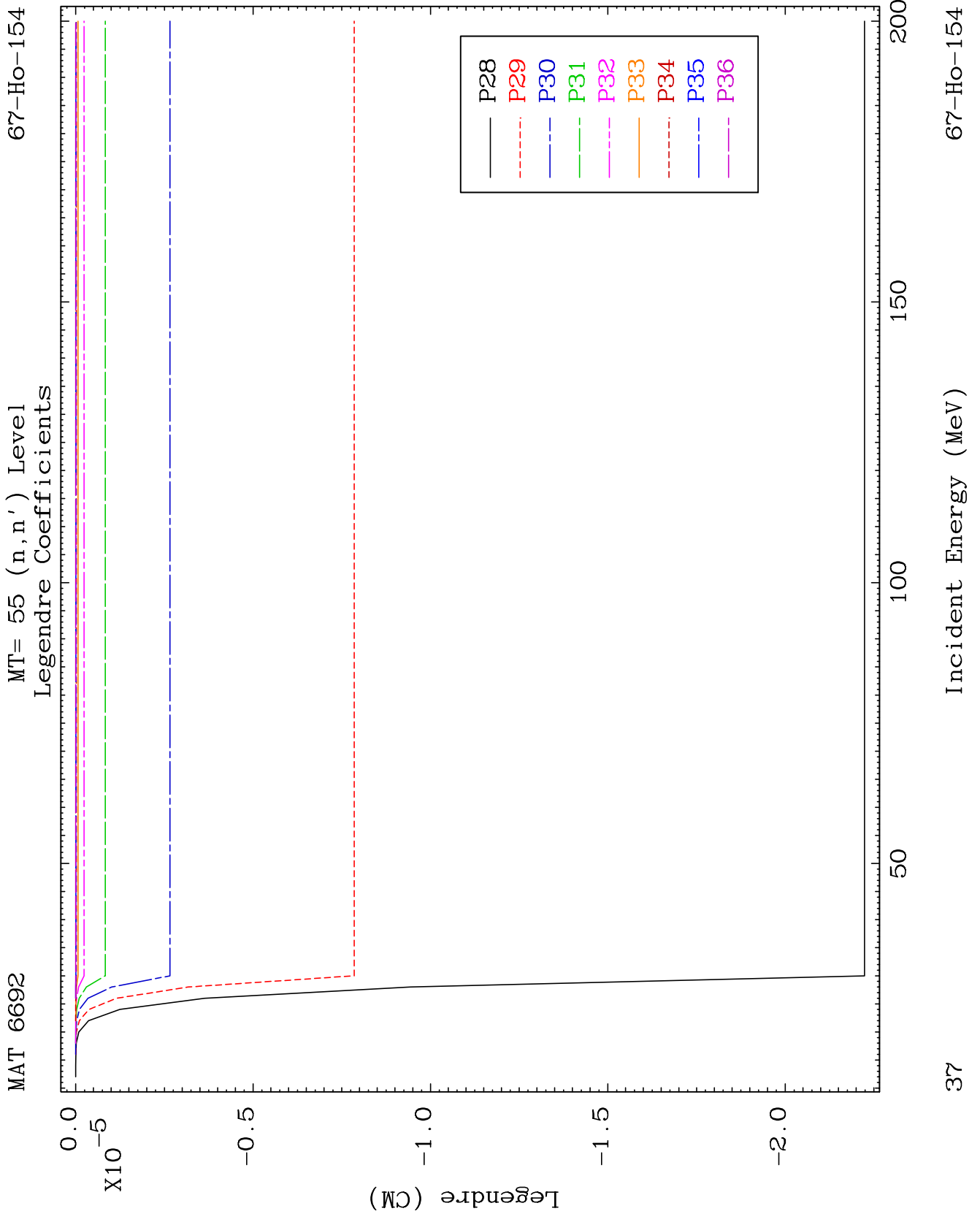
67-Ho-154



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Incident Energy (MeV)

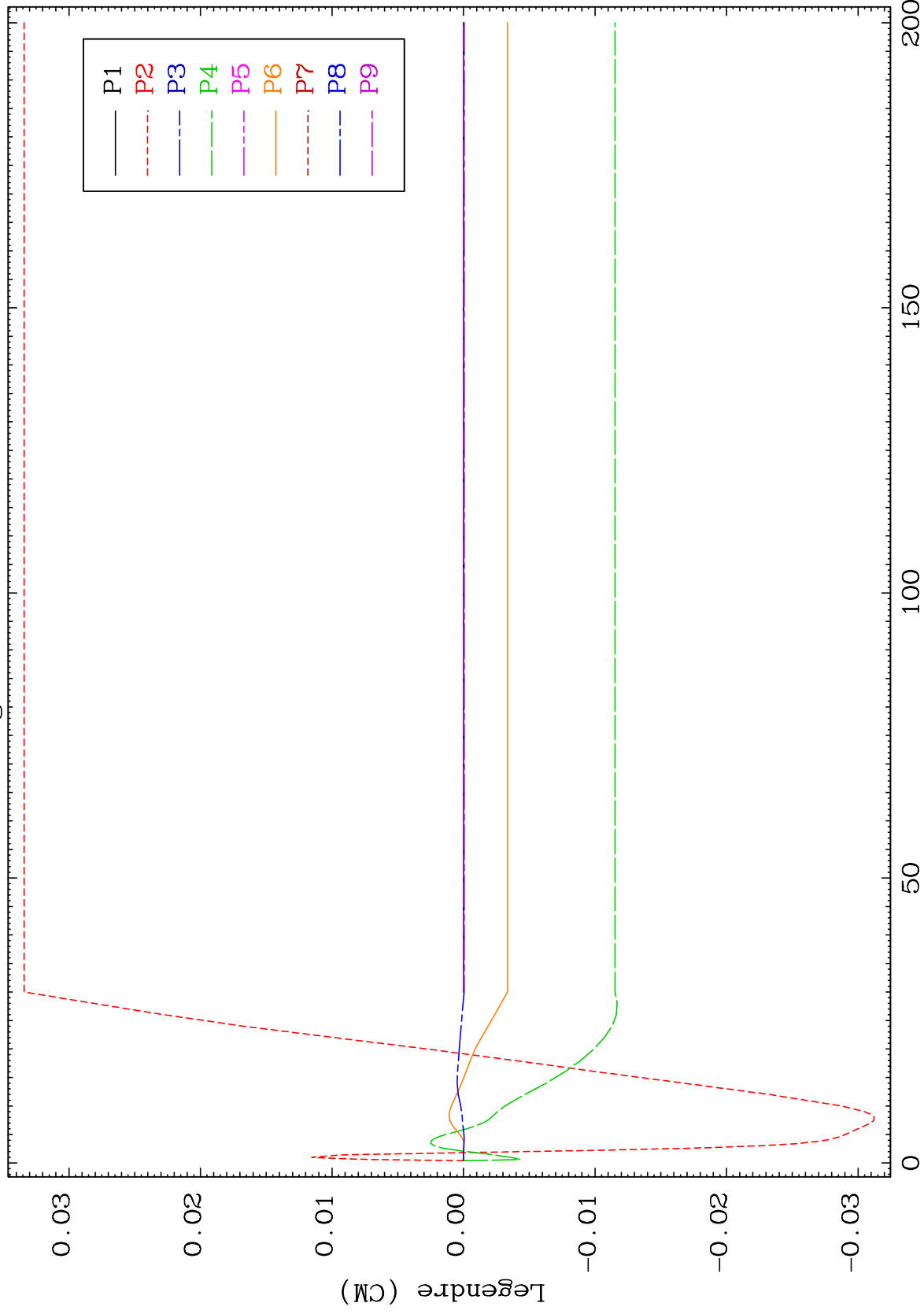
67-Ho-154



MAT 6692

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

67-Ho-154



38

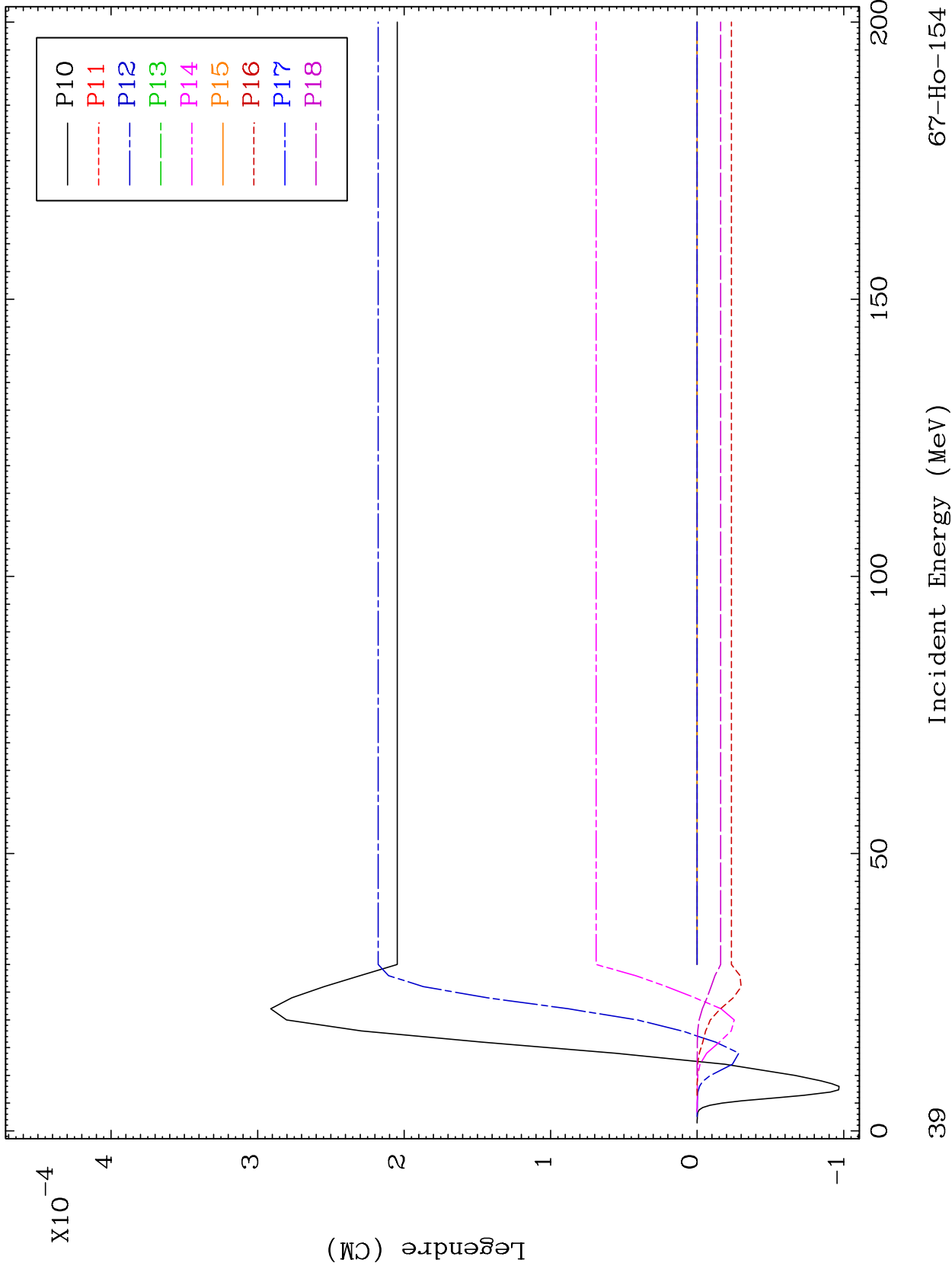
Incident Energy (MeV)

67-Ho-154

MAT 6692

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

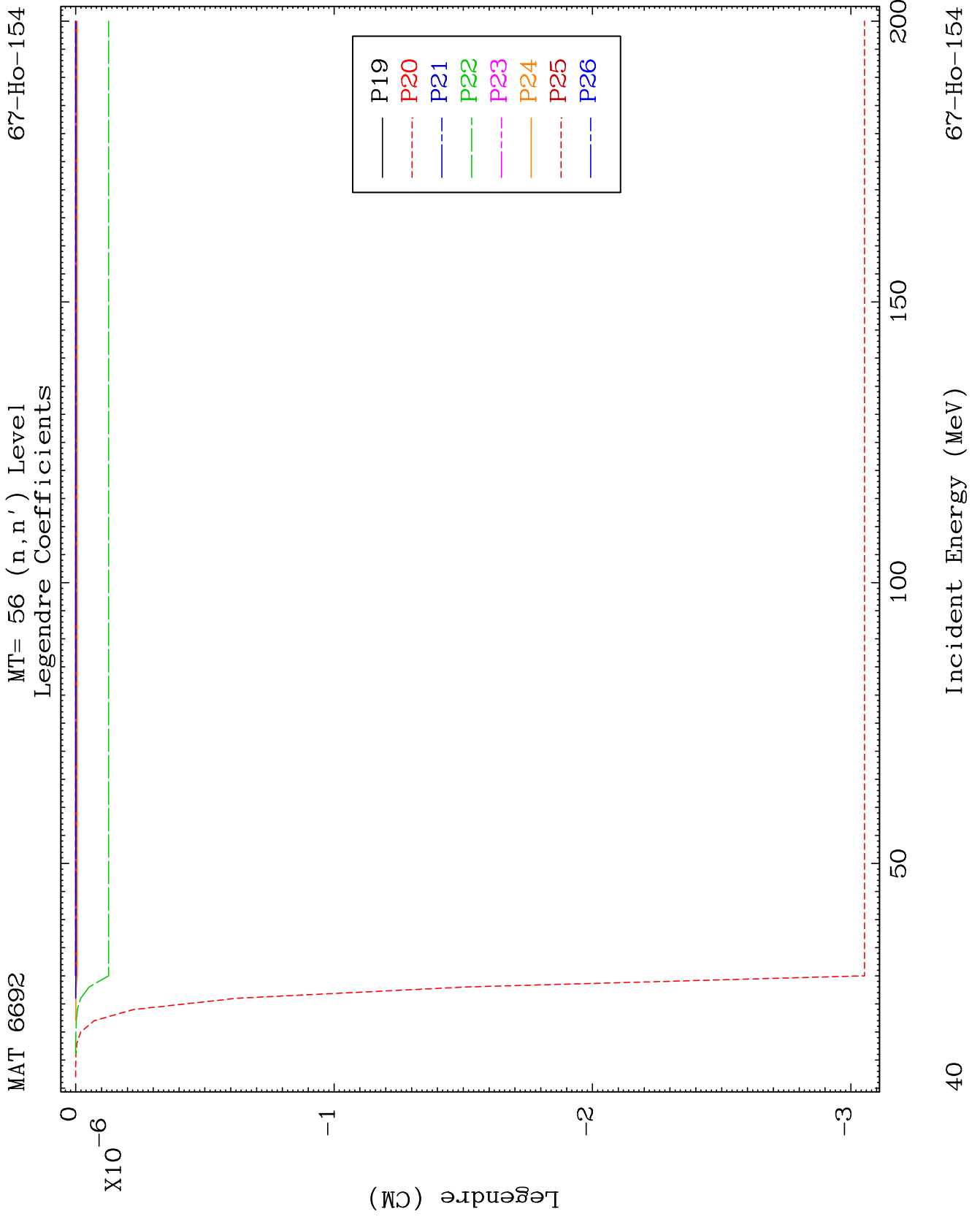
67-Ho-154



39

Incident Energy (MeV)

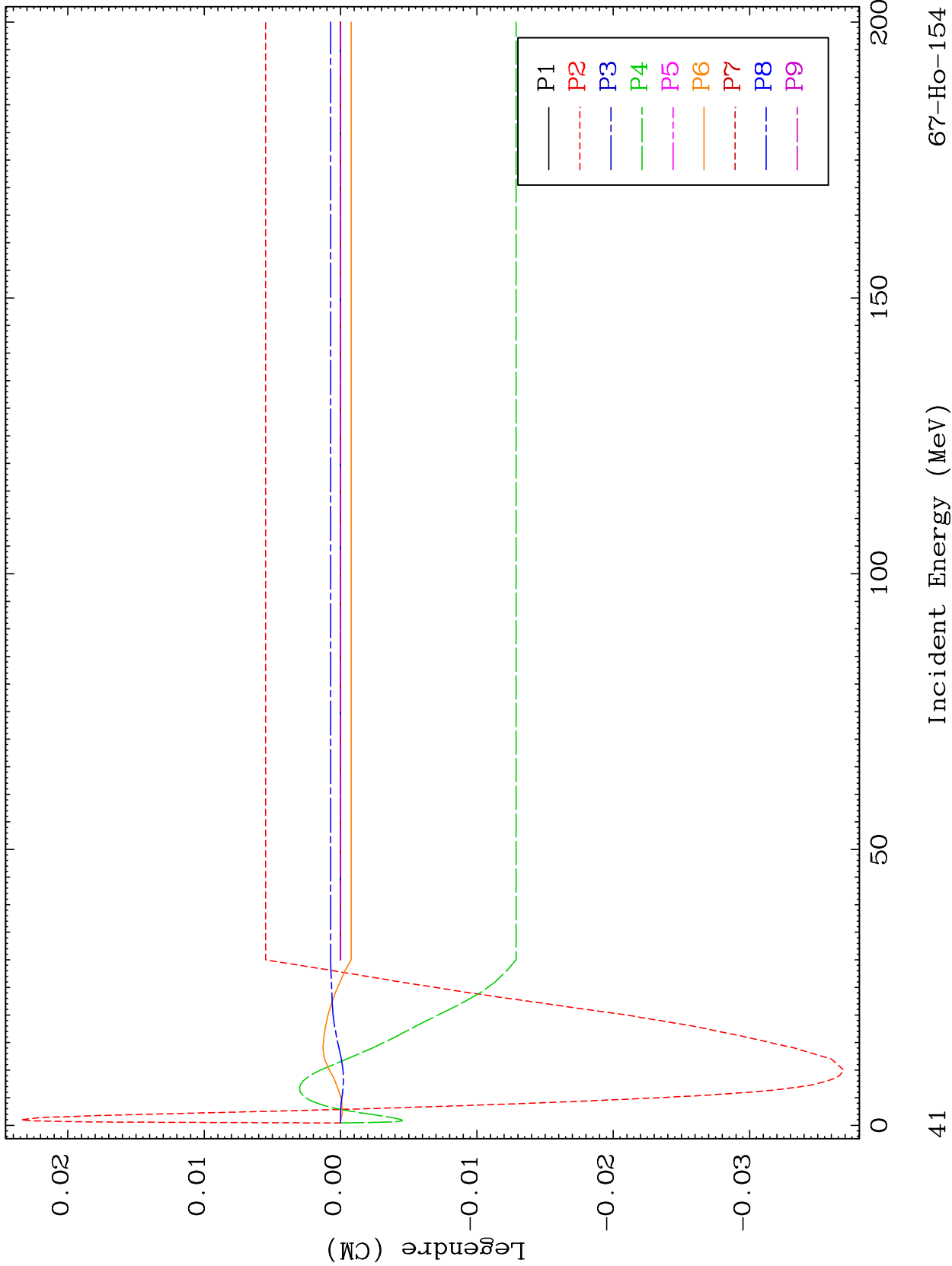
67-Ho-154



MAT 6692

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

67-Ho-154



67-Ho-154

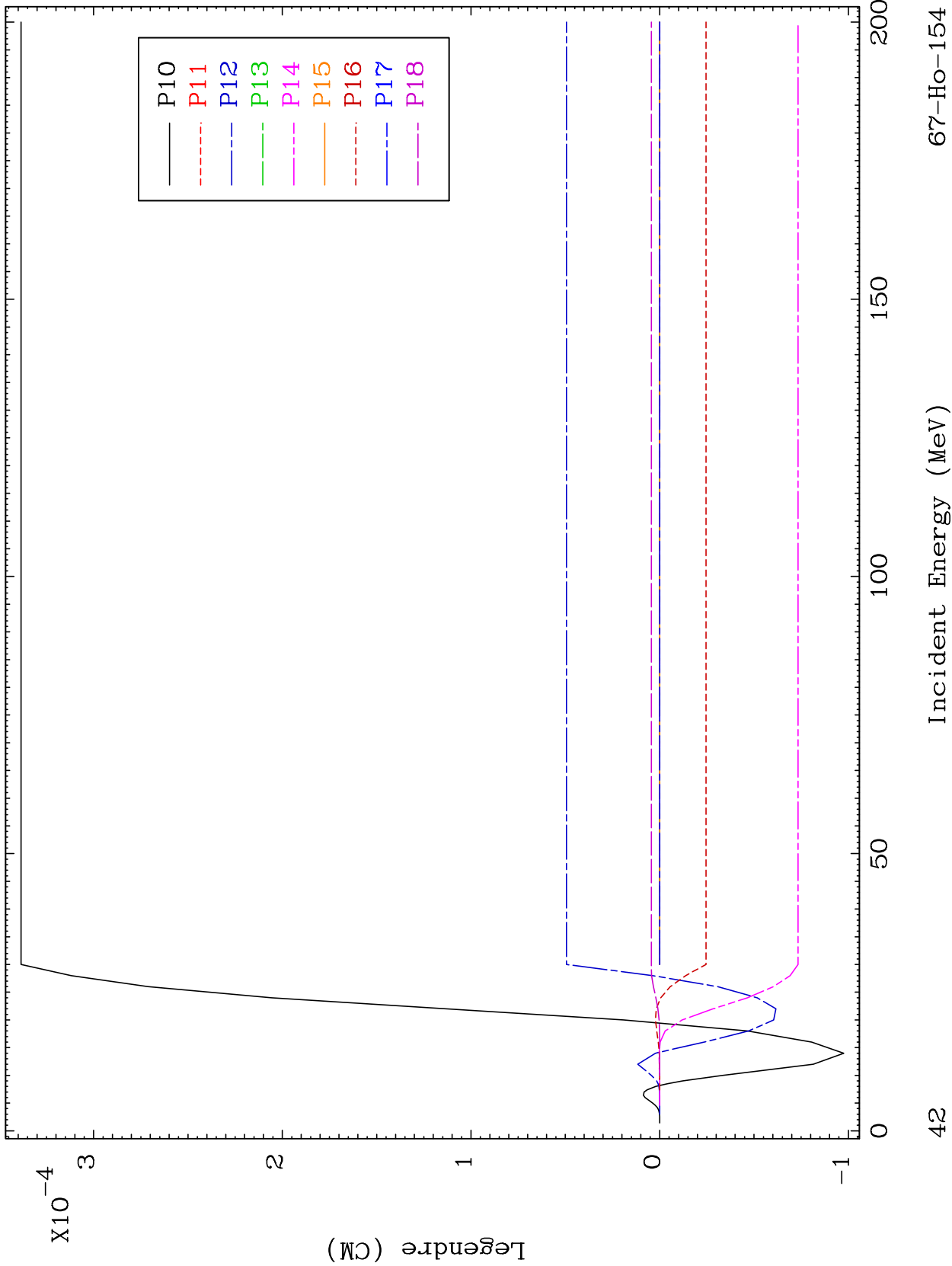
Incident Energy (MeV)

41

MAT 6692

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

67-Ho-154



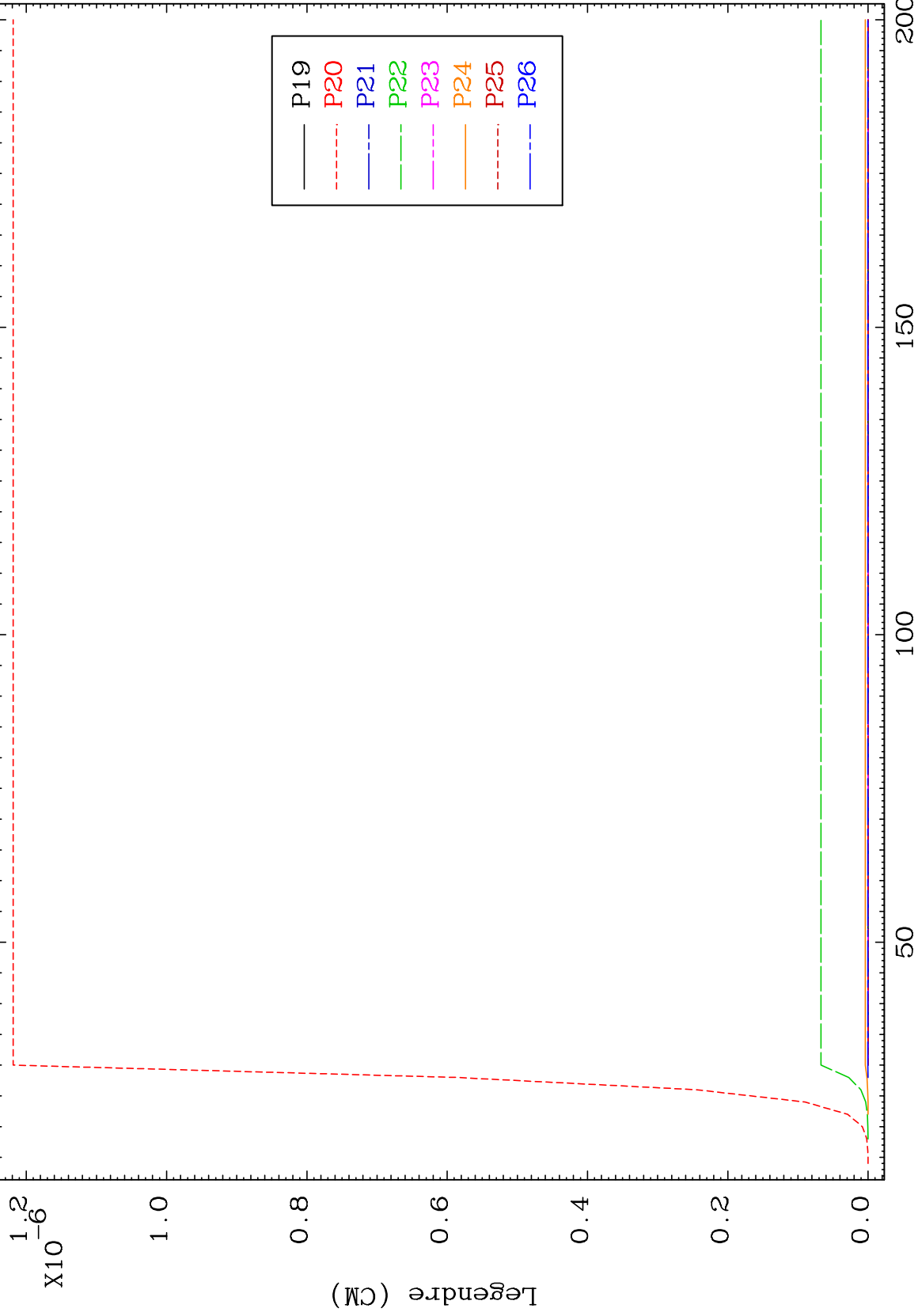
42

67-Ho-154

MAT 6692

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

67-Ho-154



43

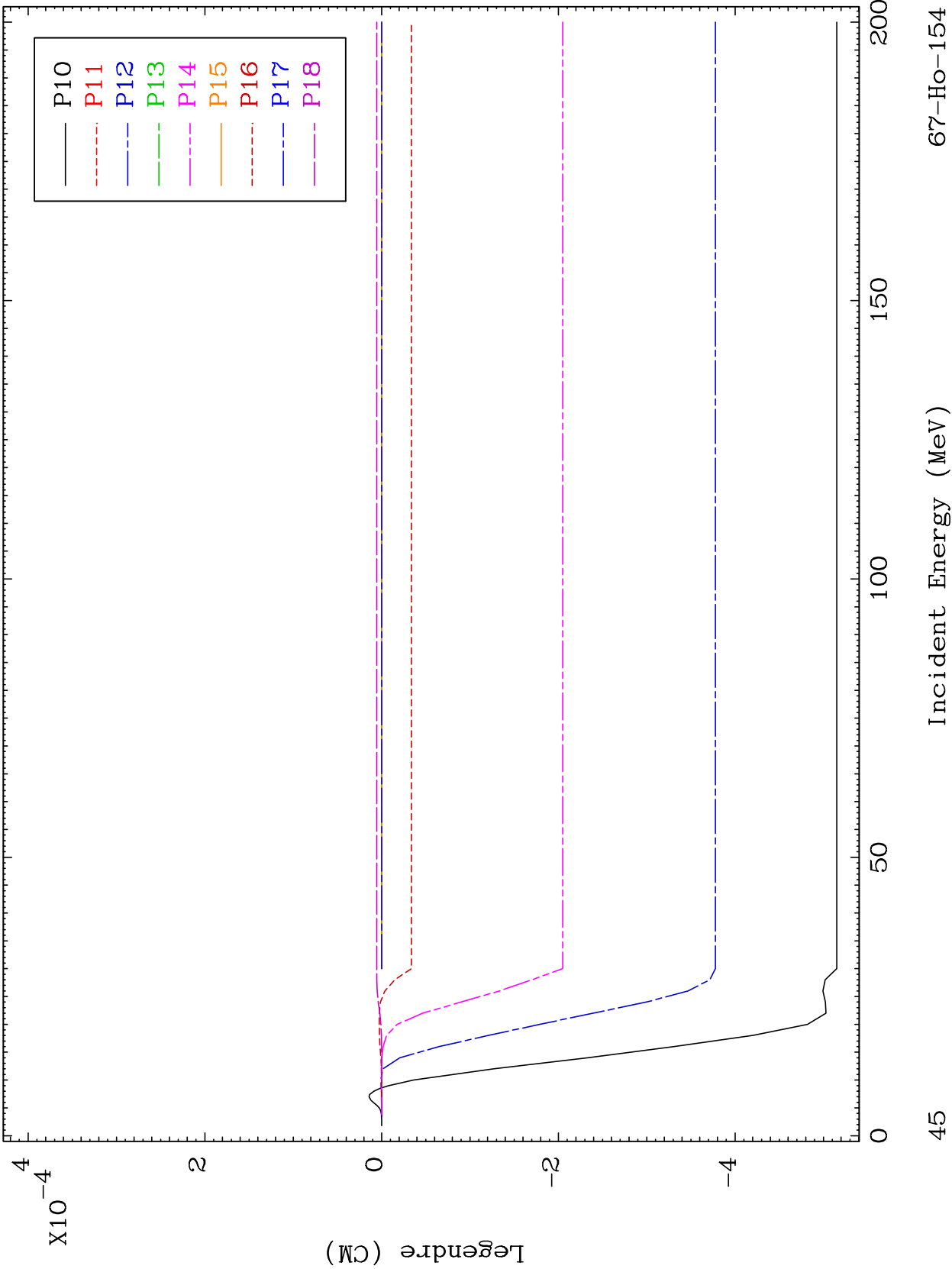
Incident Energy (MeV)

67-Ho-154

MAT 6692

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

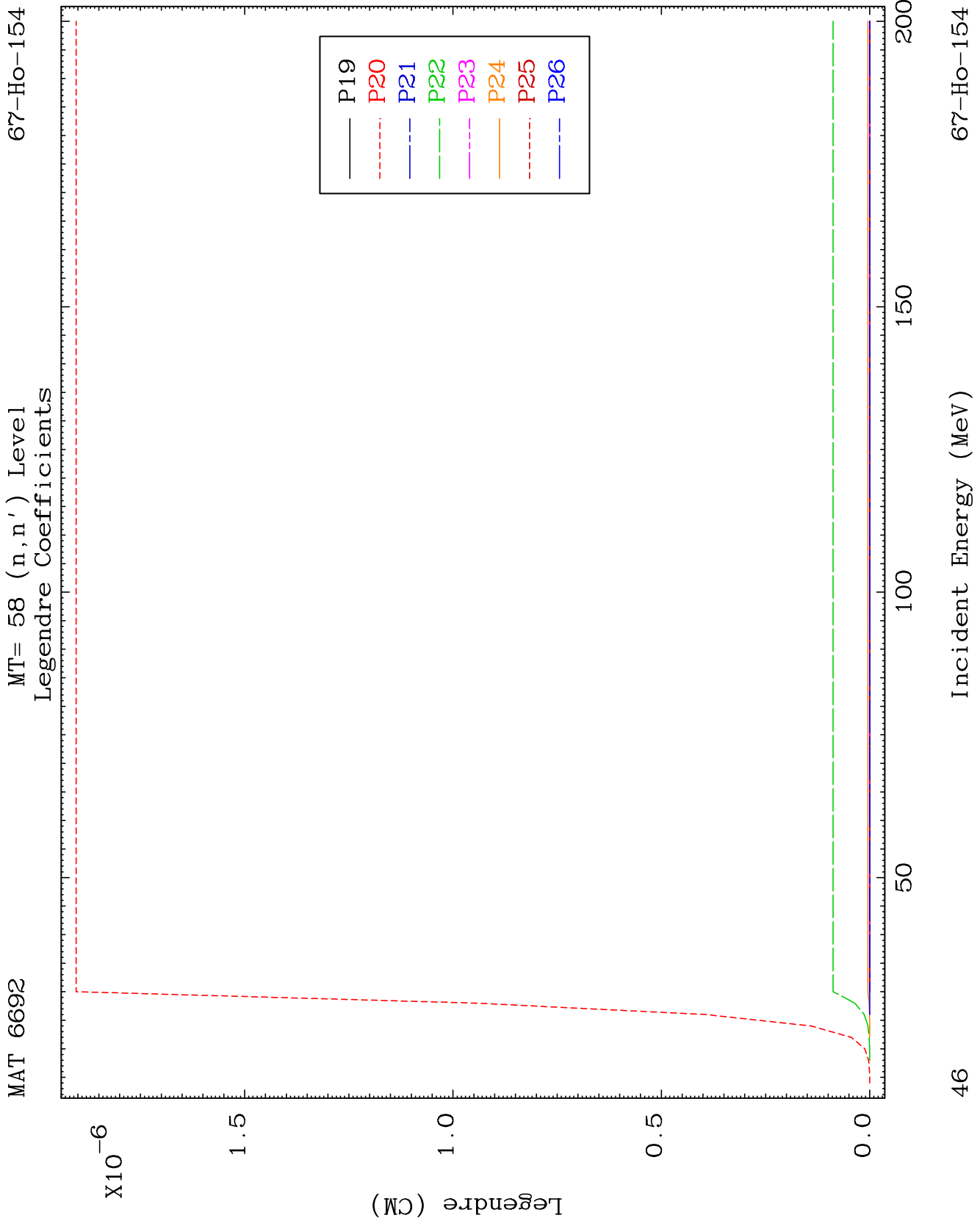
67-Ho-154



67-Ho-154

Incident Energy (MeV)

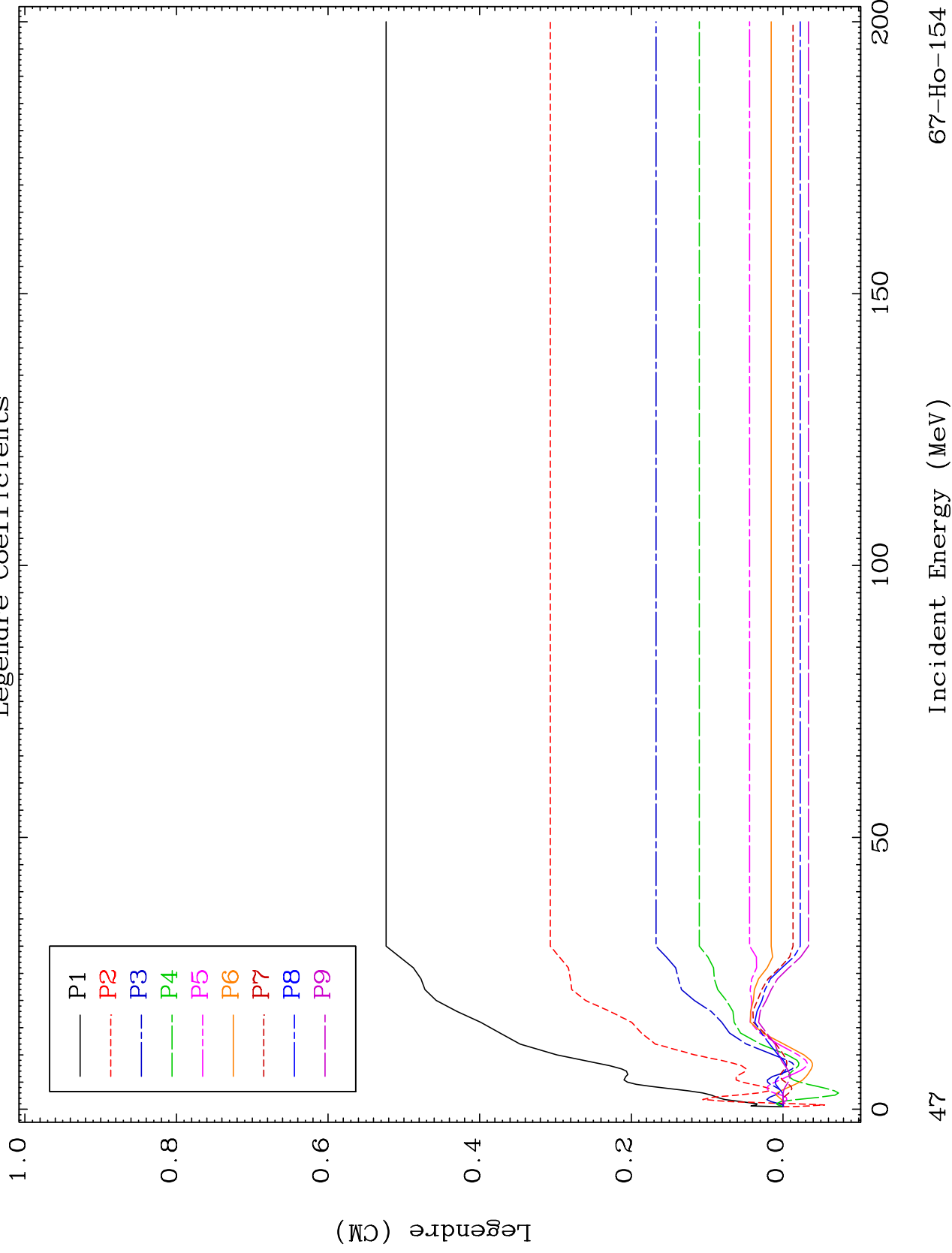
45



MAT 6692

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

67-Ho-154



67-Ho-154

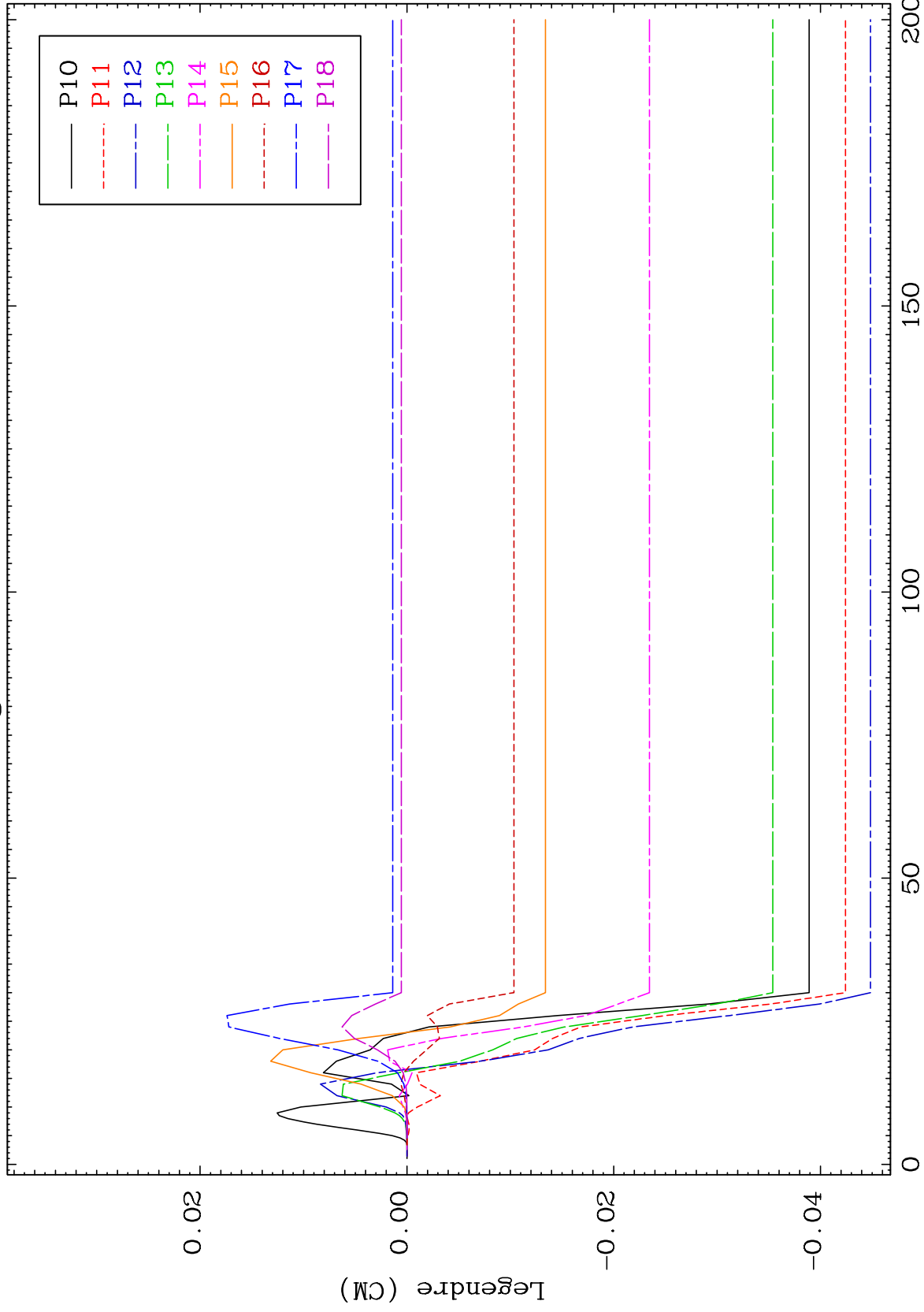
Incident Energy (MeV)

47

MAT 6692

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

67-Ho-154



48

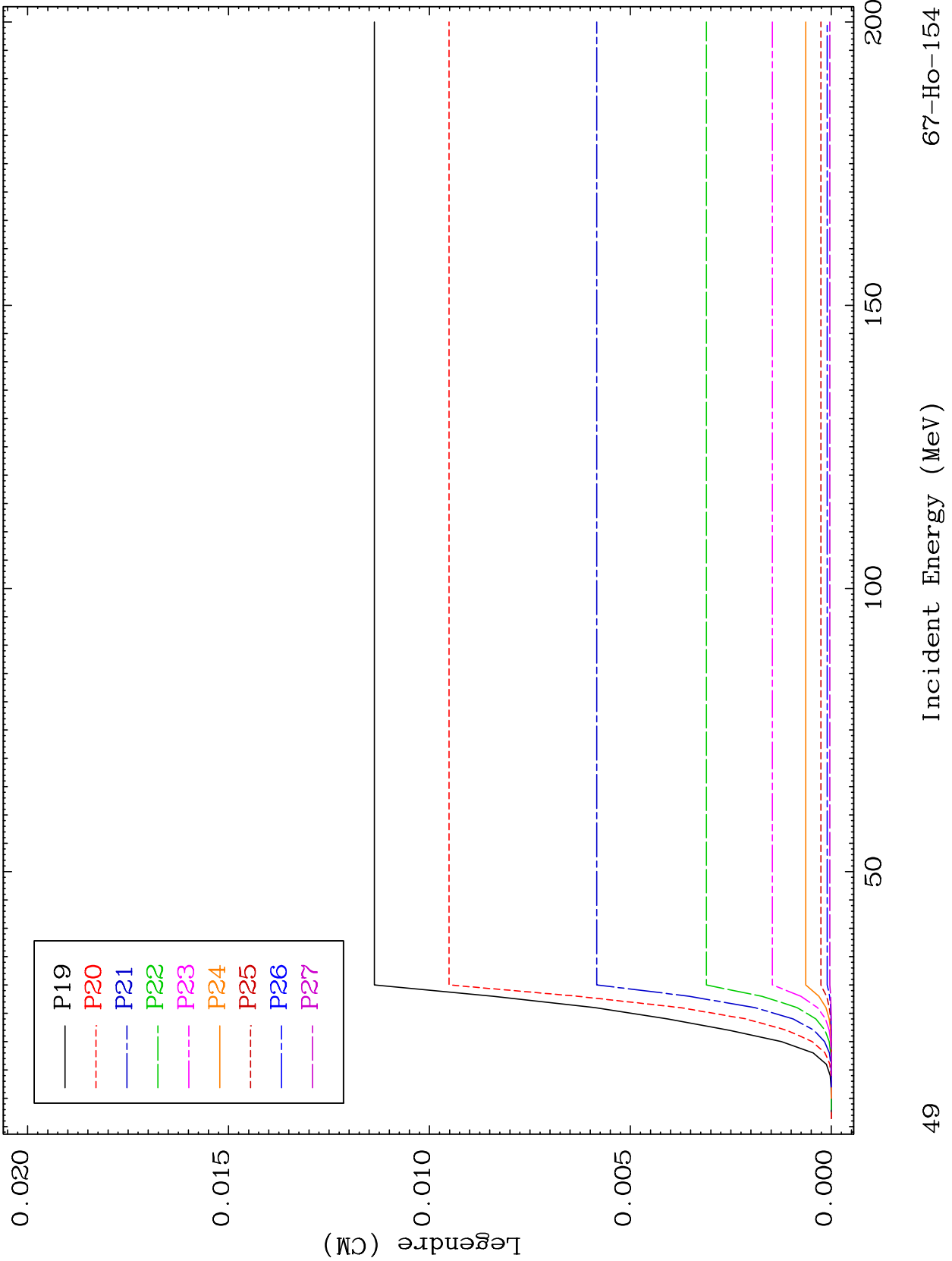
Incident Energy (MeV)

67-Ho-154

MAT 6692

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

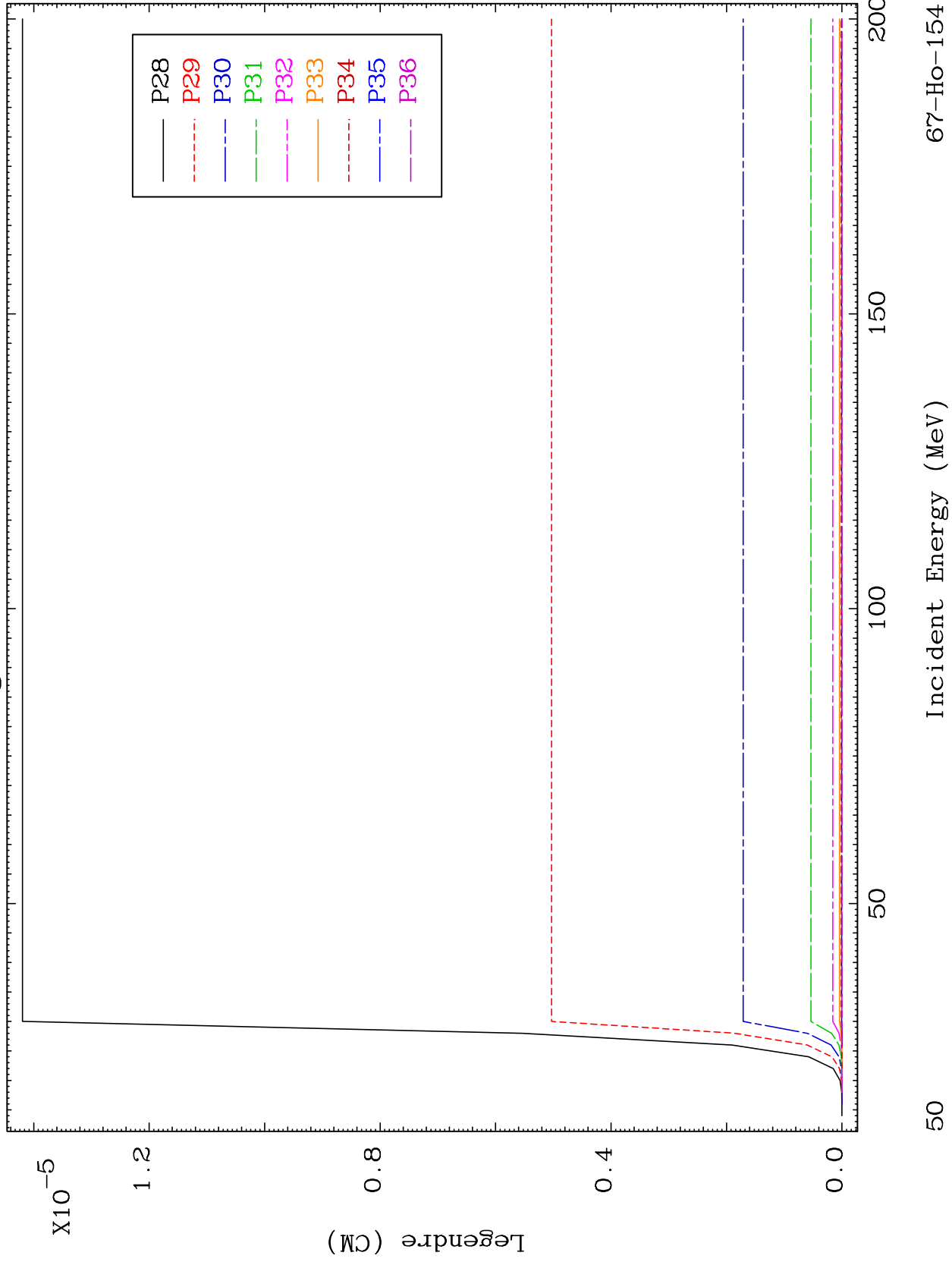
67-Ho-154



MAT 6692

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

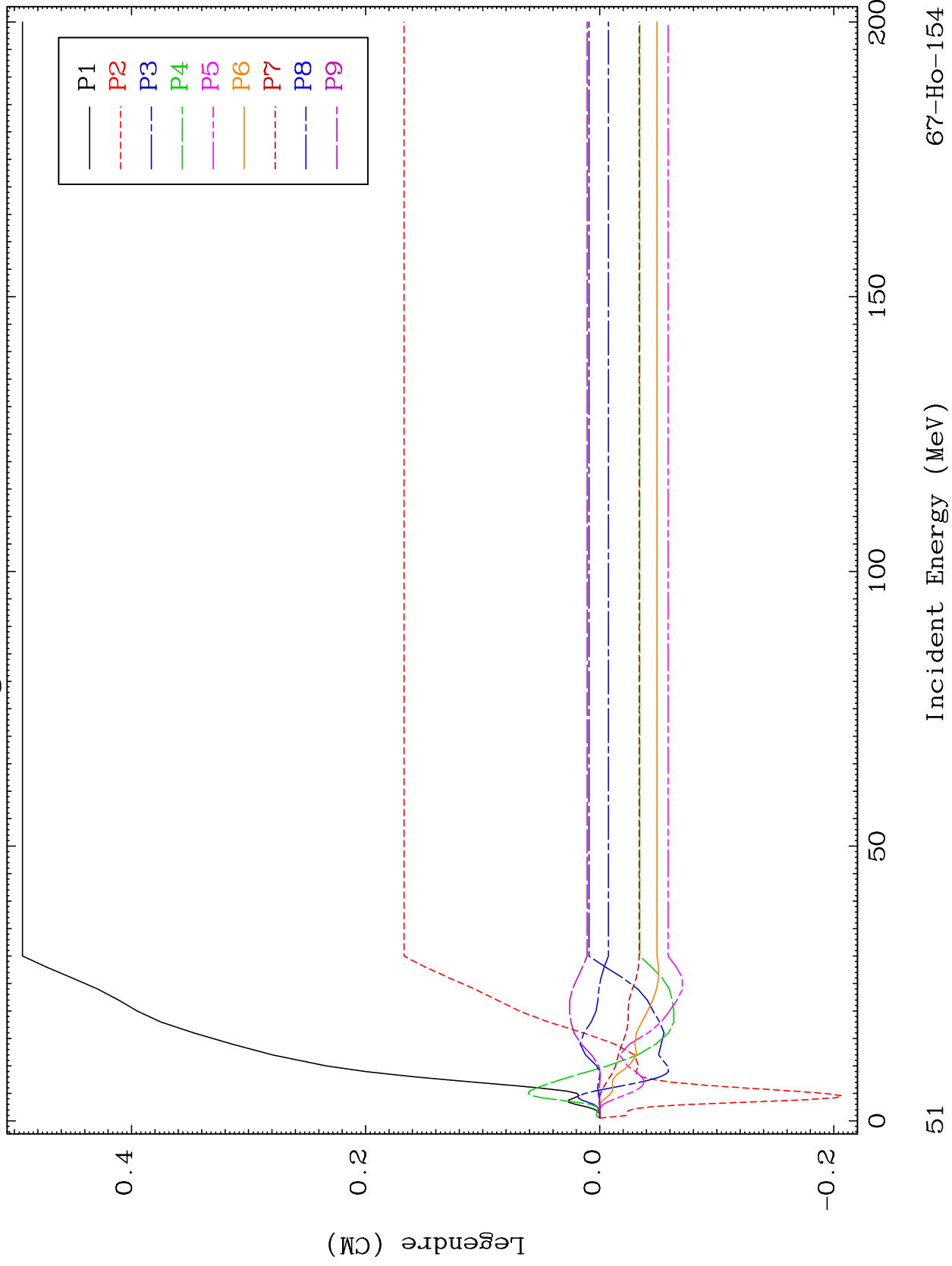
67-Ho-154



MAT 6692

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

67-Ho-154



51

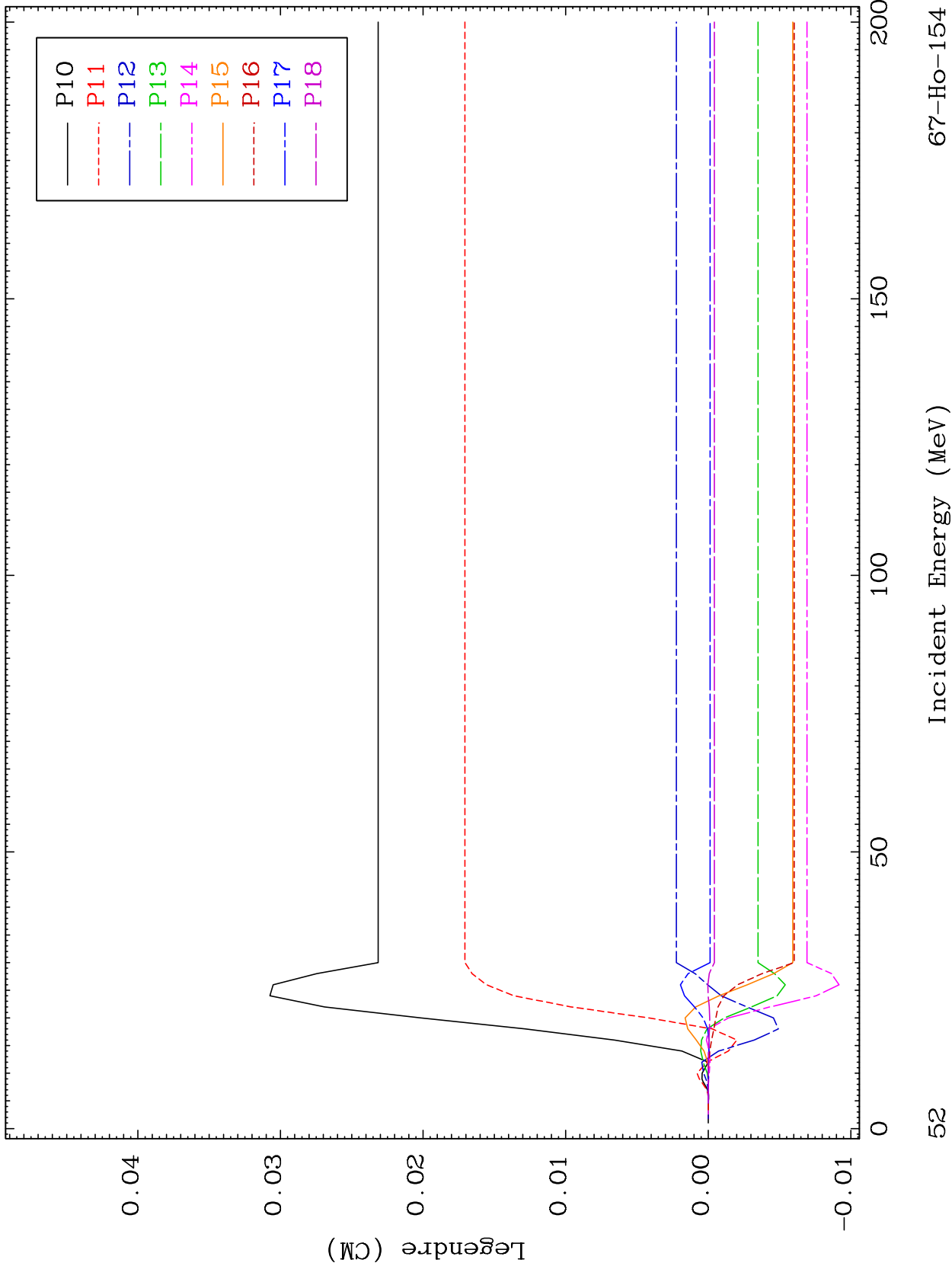
Incident Energy (MeV)

67-Ho-154

MAT 6692

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

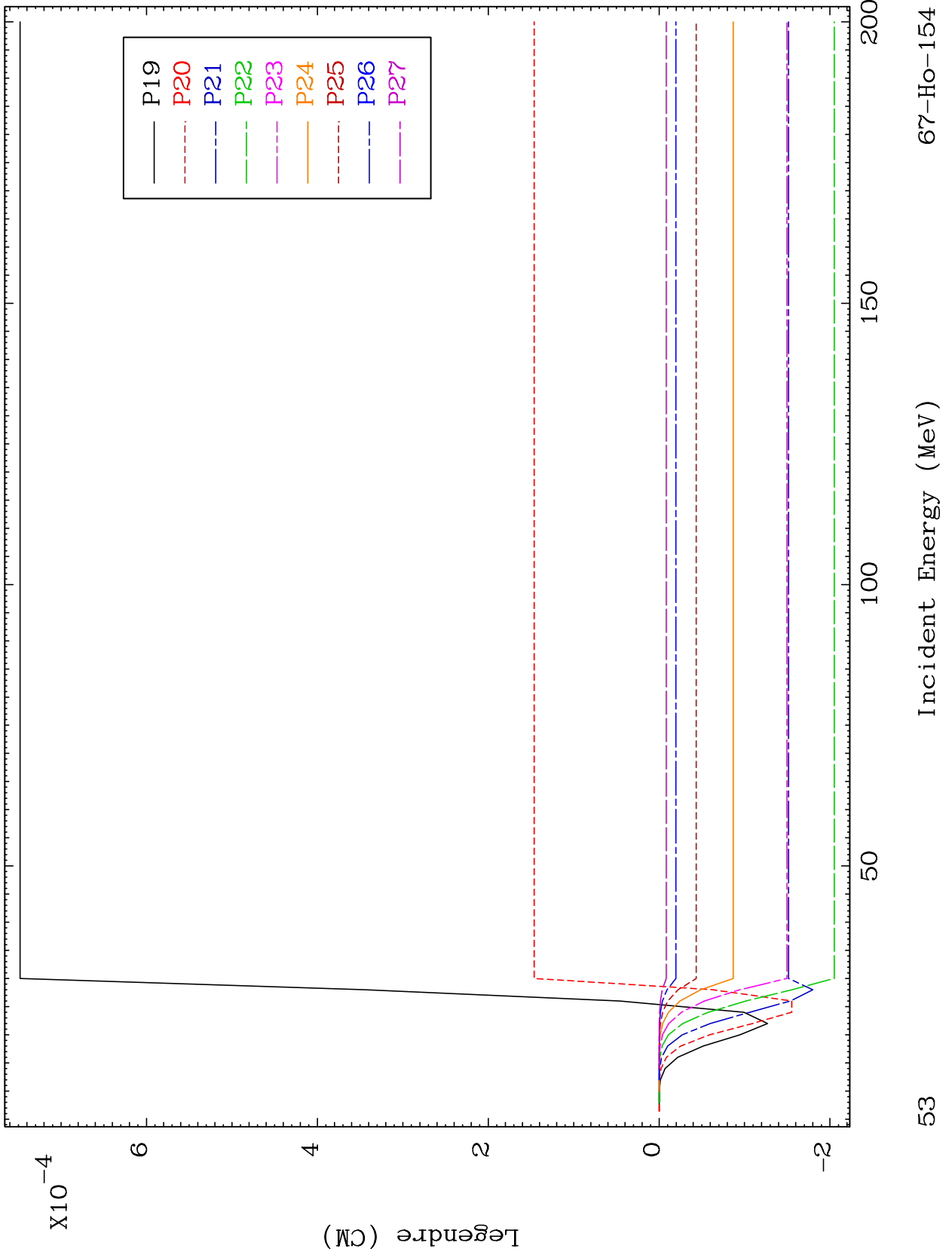
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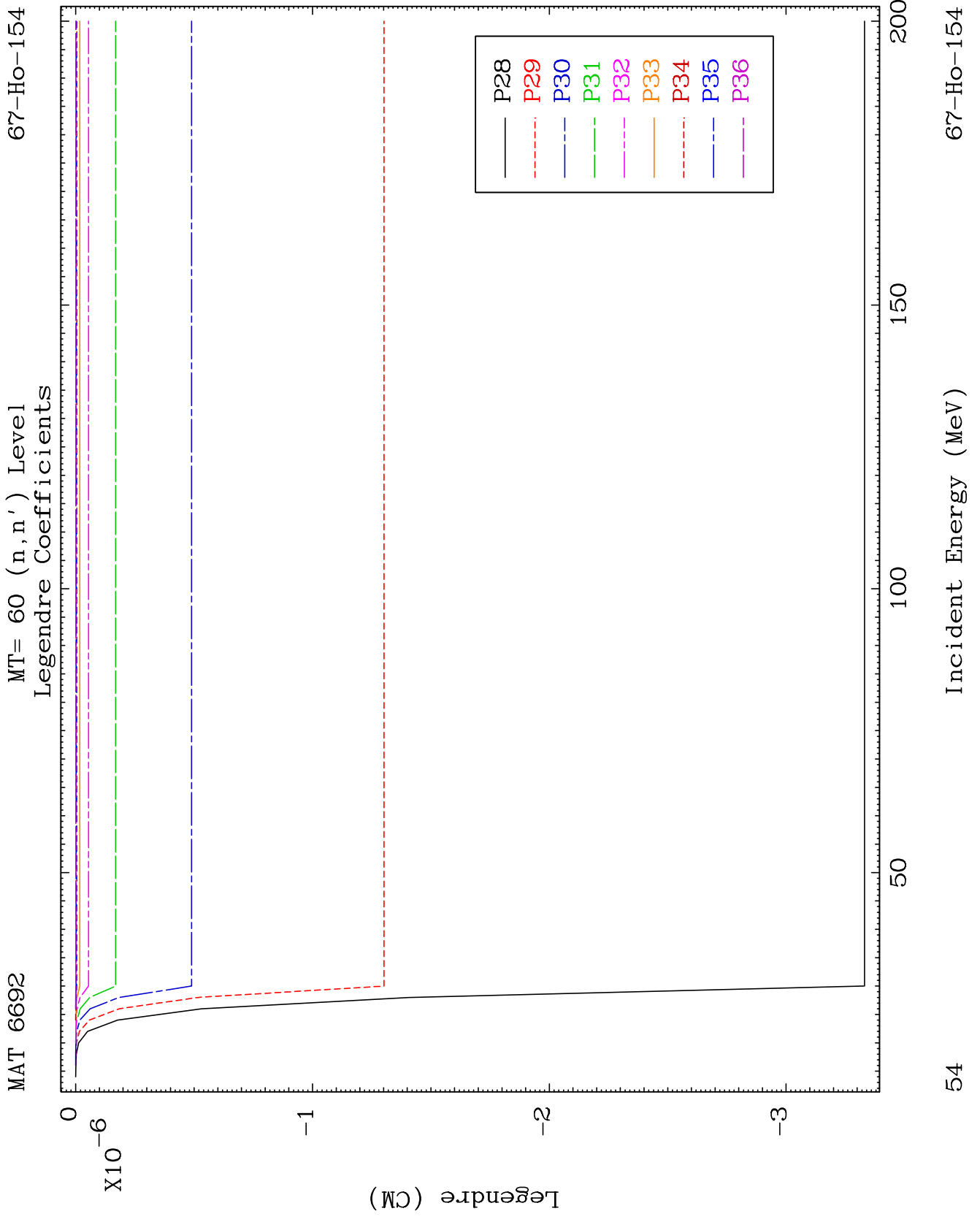


67-Ho-154

Incident Energy (MeV)

52

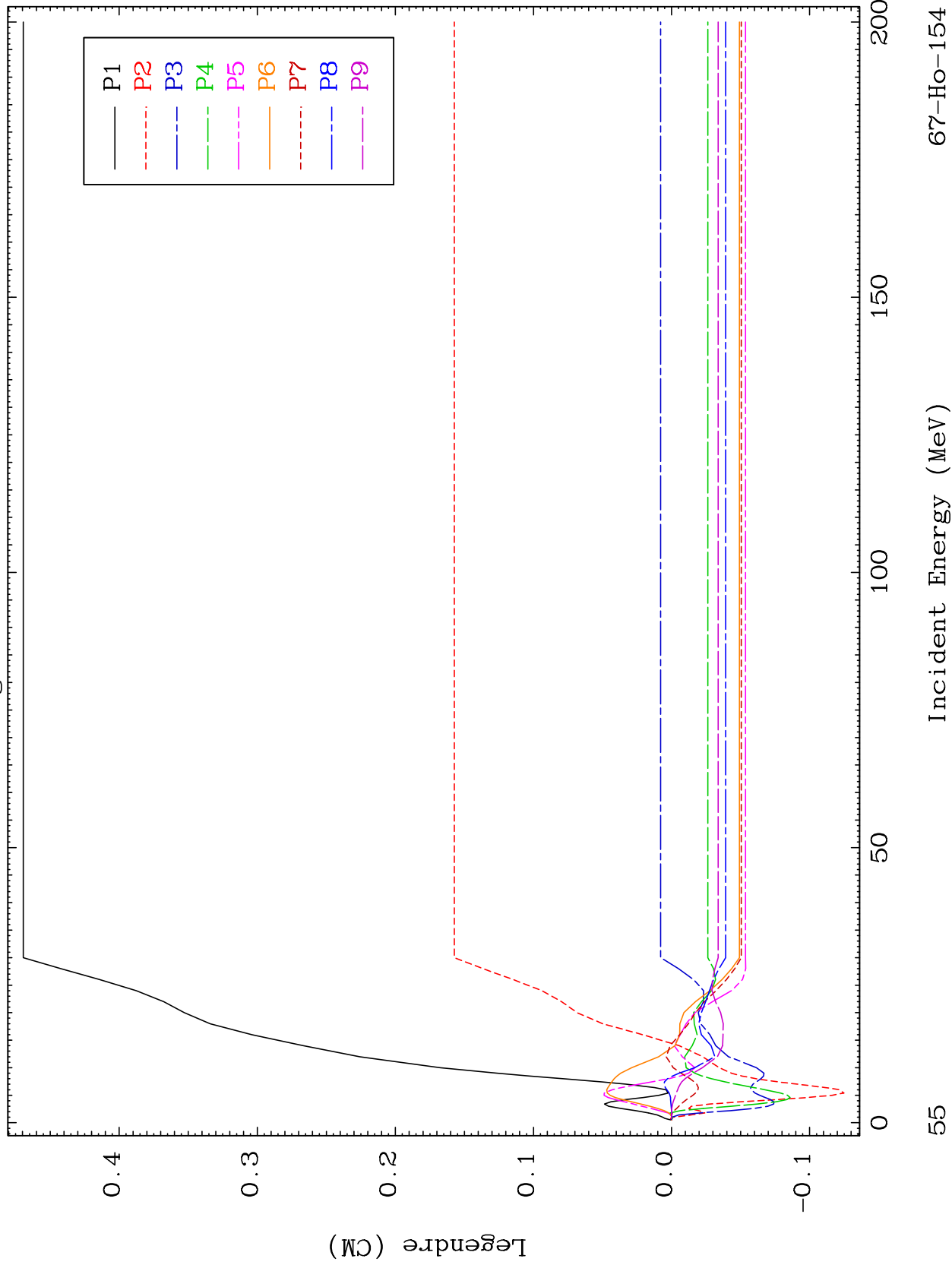




MAT 6692

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

67-Ho-154



67-Ho-154

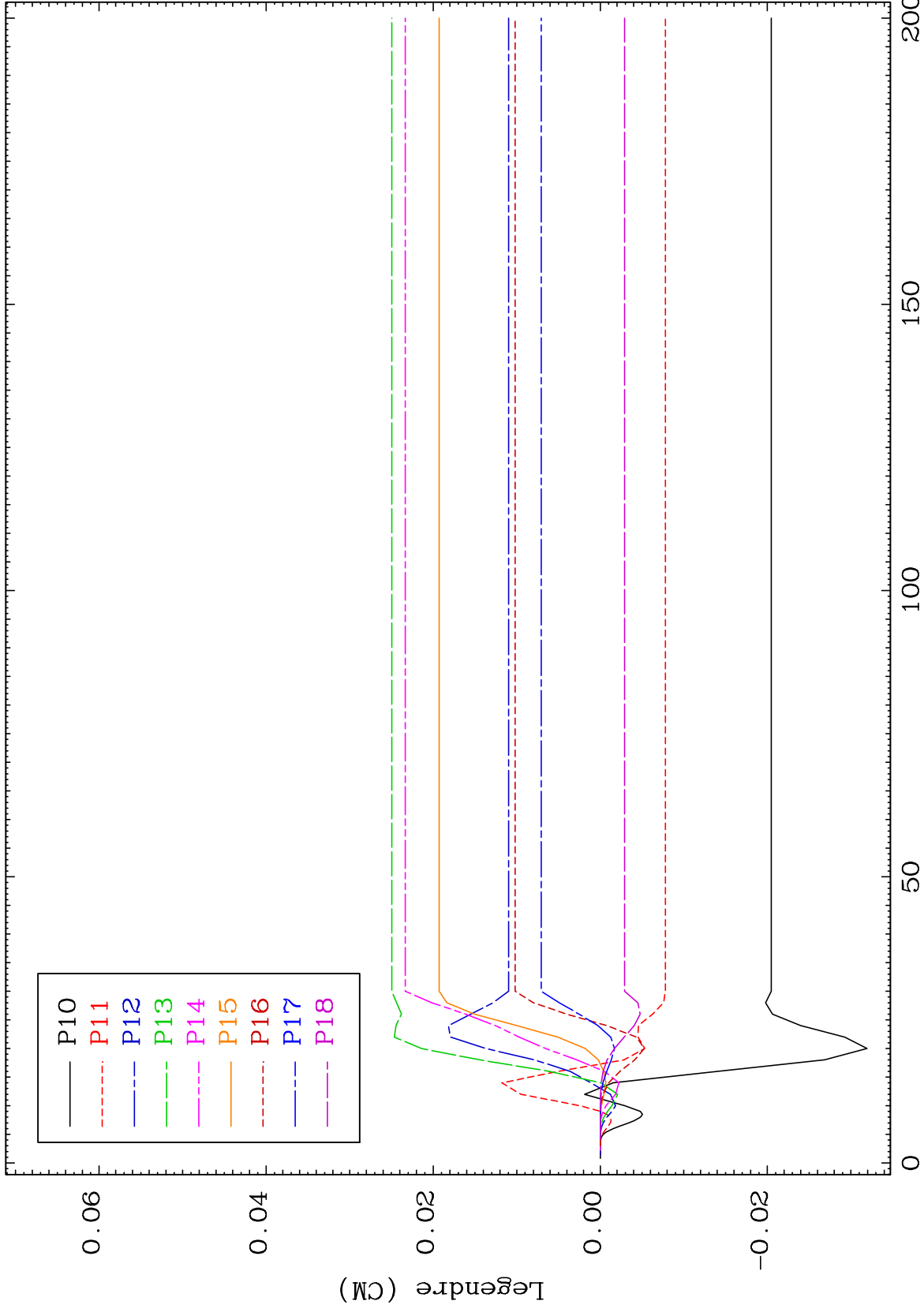
Incident Energy (MeV)

55

MAT 6692

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

67-Ho-154



56

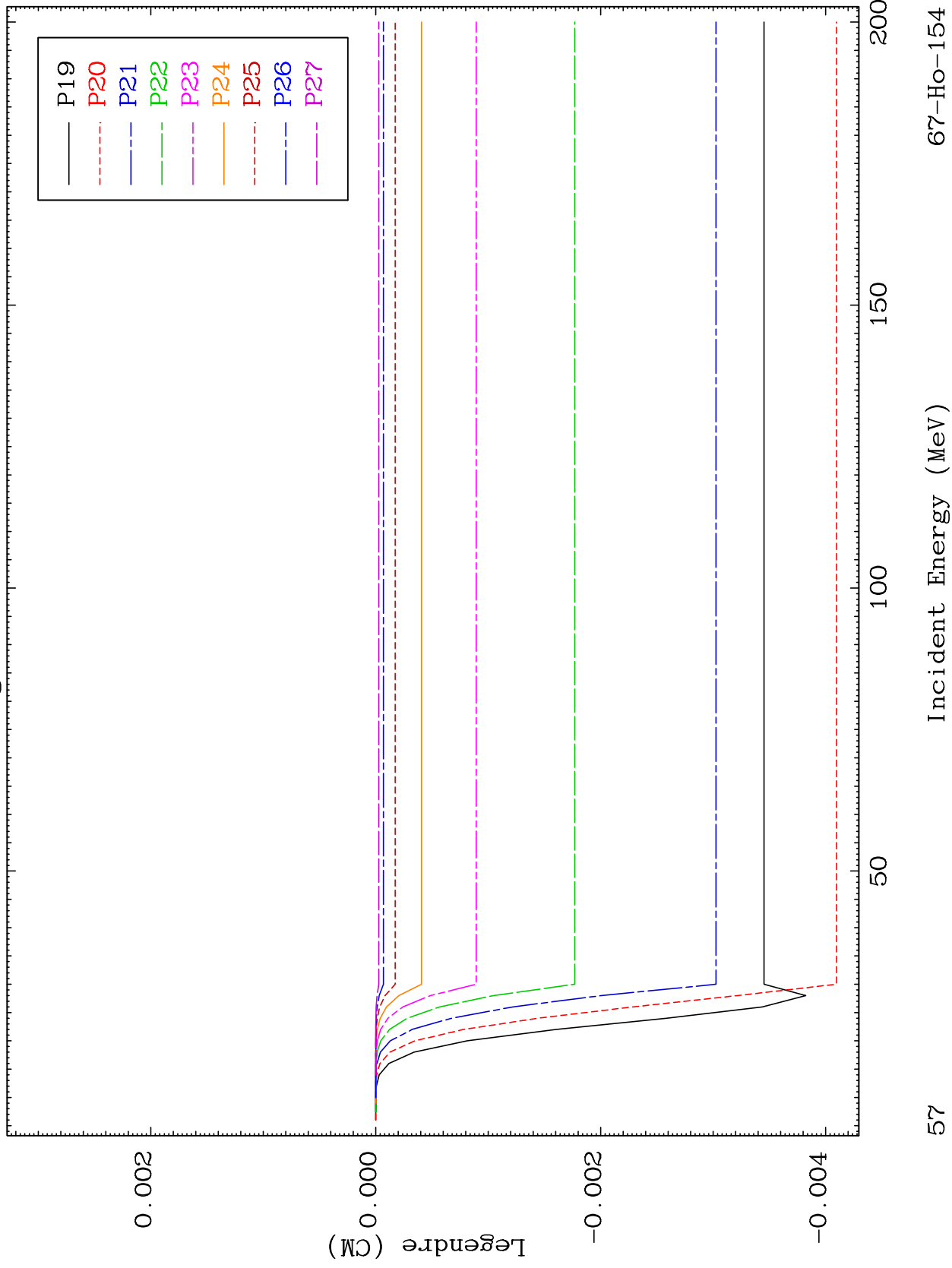
Incident Energy (MeV)

67-Ho-154

MAT 6692

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

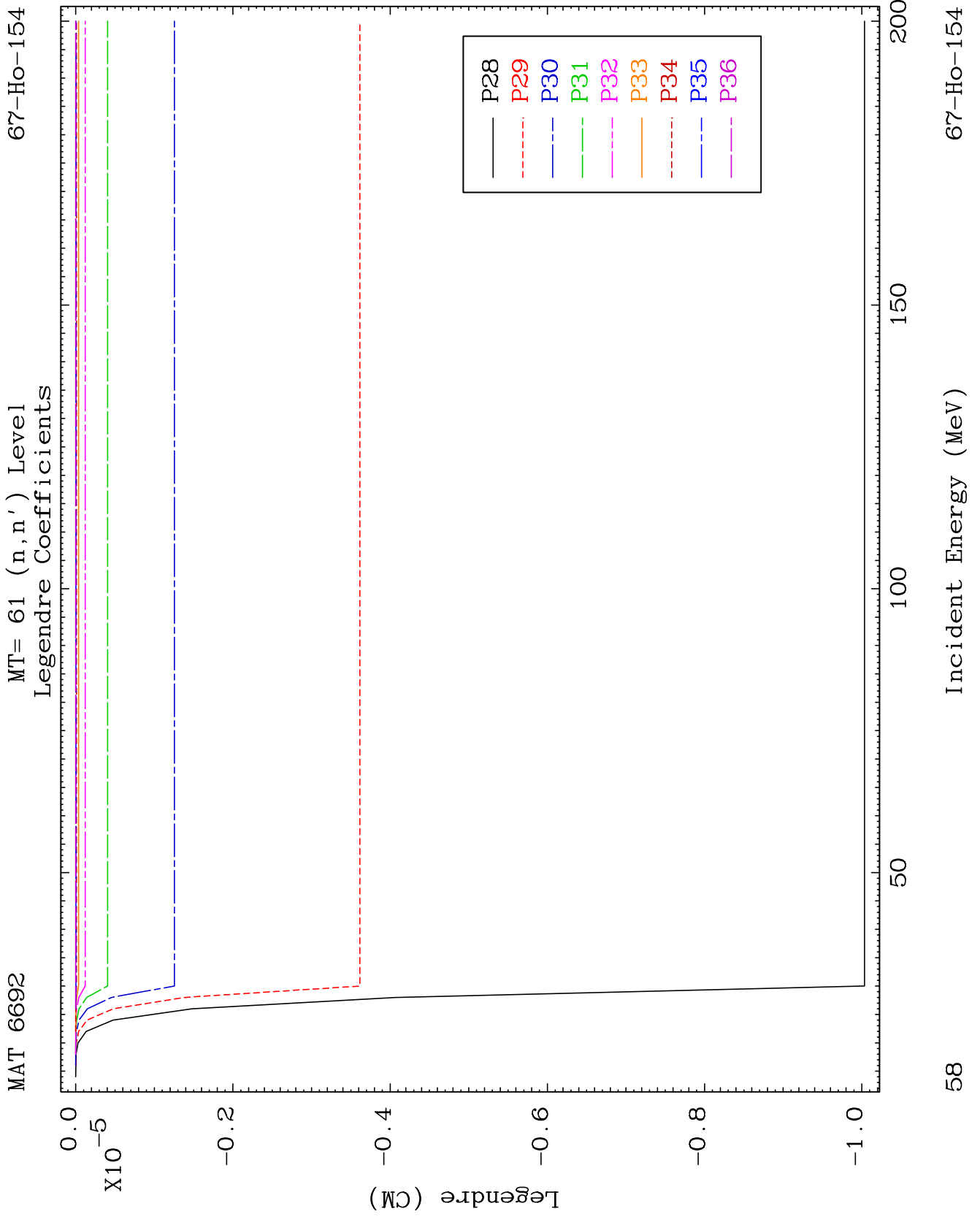
67-Ho-154



57

Incident Energy (MeV)

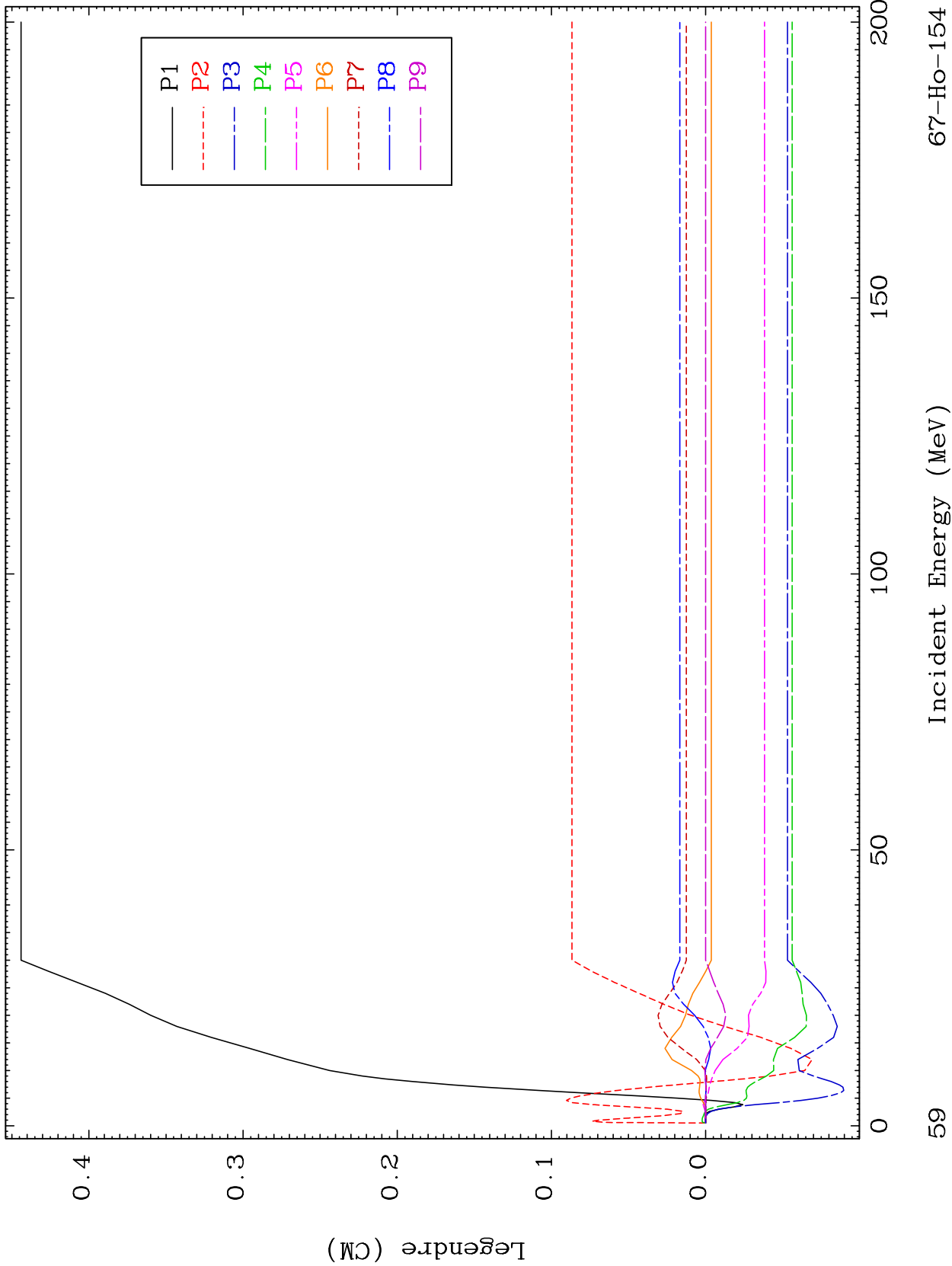
67-Ho-154



MAT 6692

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

67-Ho-154



67-Ho-154

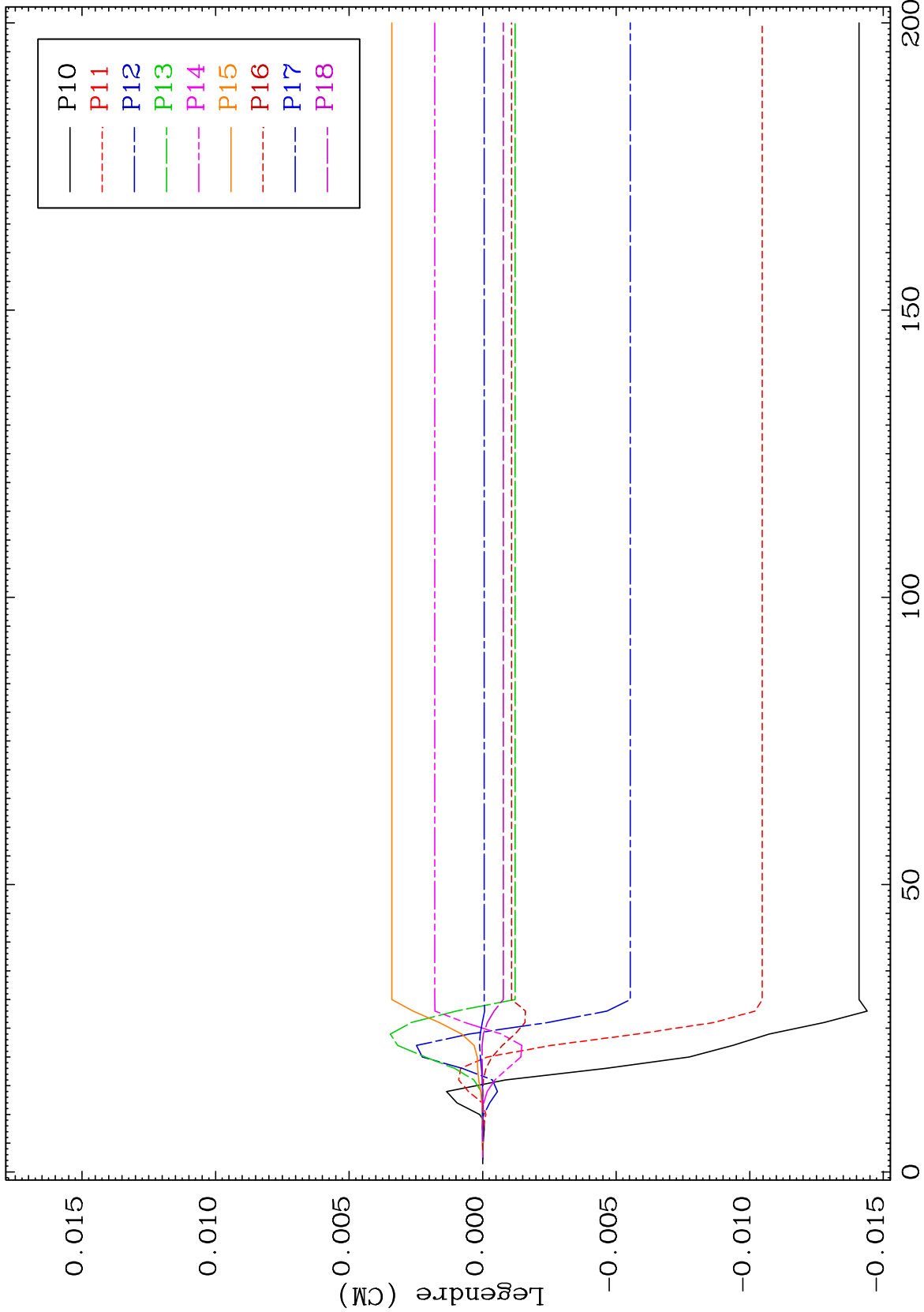
Incident Energy (MeV)

59

MAT 6692

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

67-Ho-154



67-Ho-154

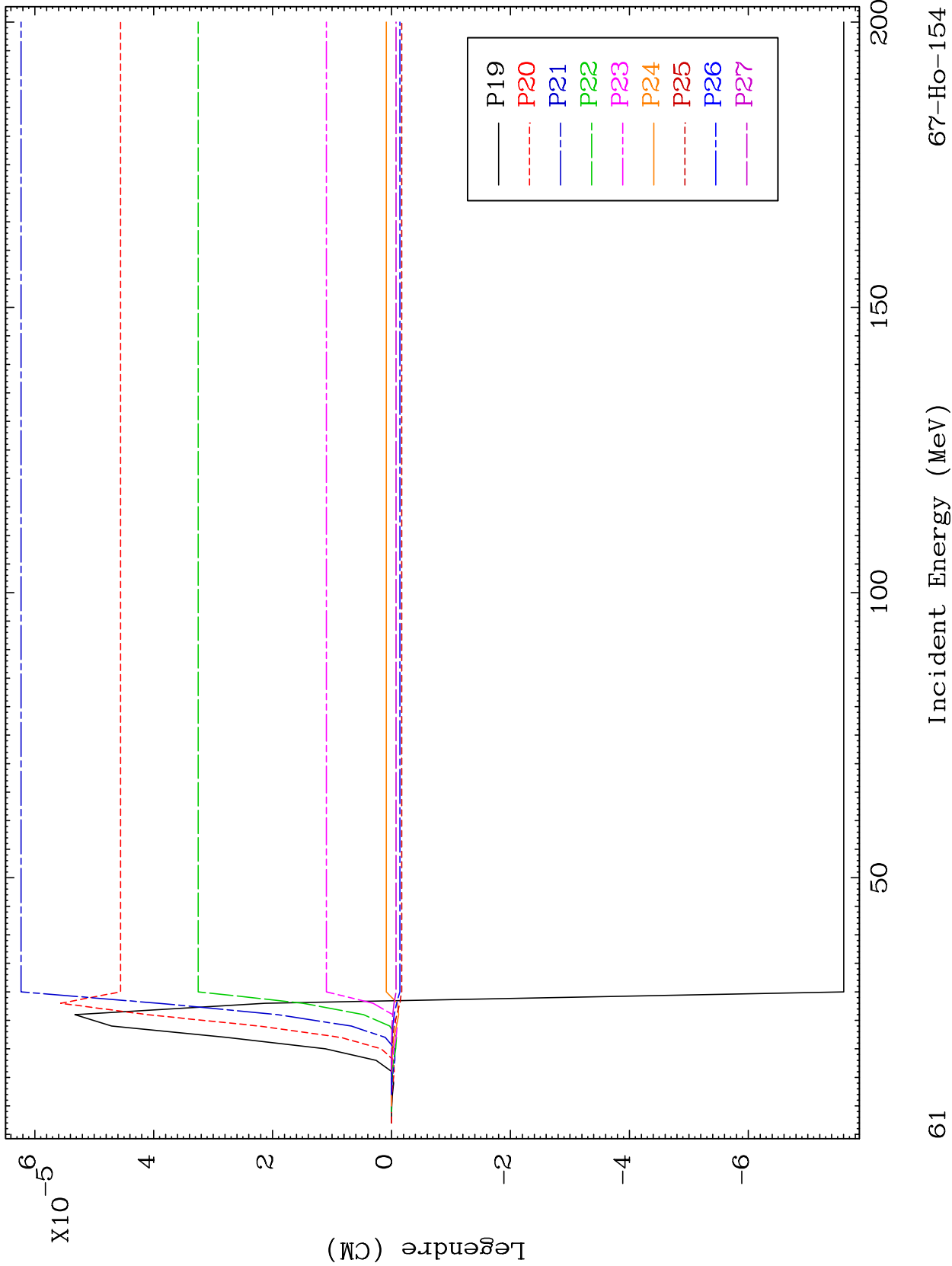
Incident Energy (MeV)

60

MAT 6692

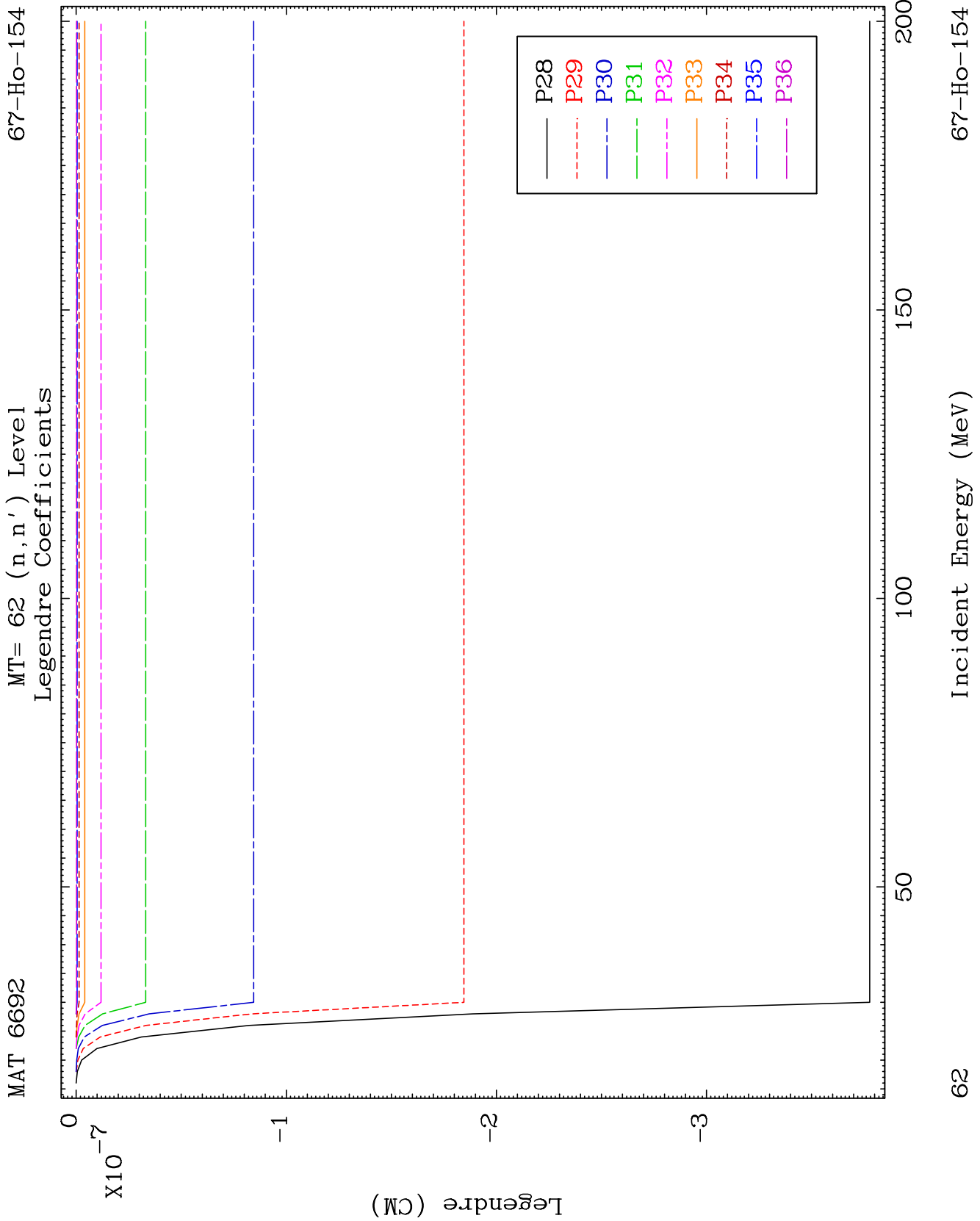
MT= 62 (n,n') Level
Legendre Coefficients

67-Ho-154



67-Ho-154

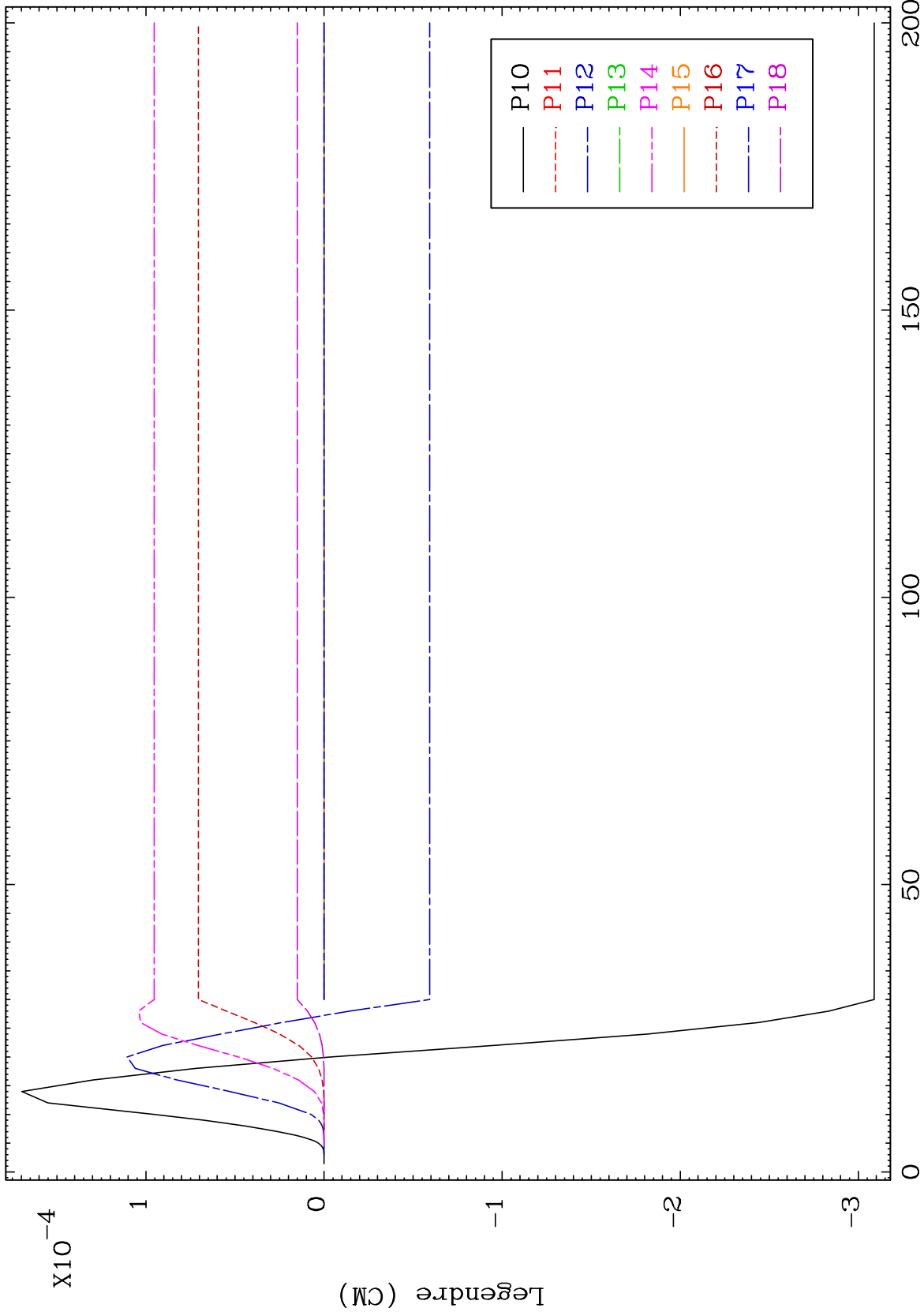
Incident Energy (MeV)



MAT 6692

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

67-Ho-154



64

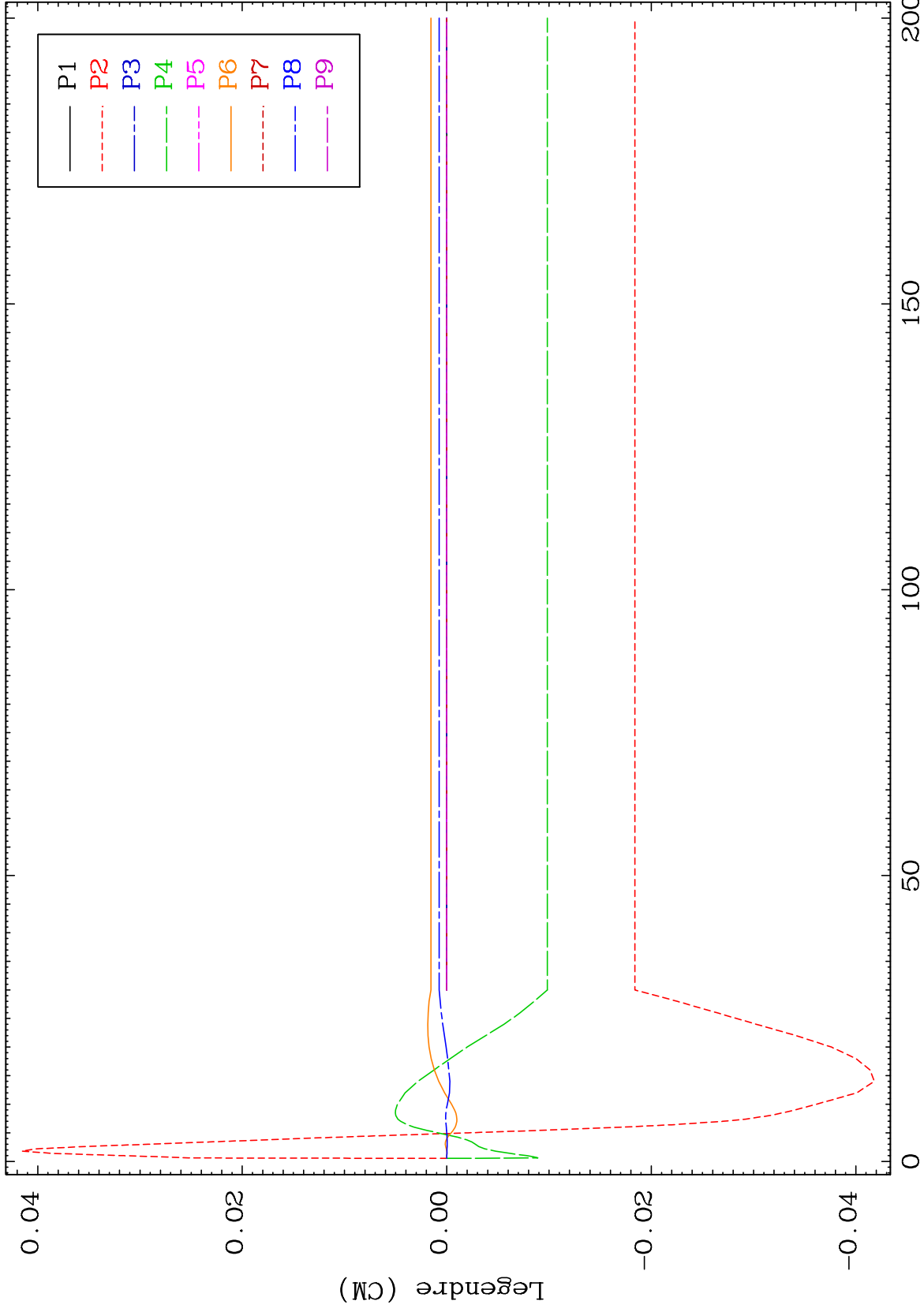
Incident Energy (MeV)

67-Ho-154

MAT 6692

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

67-Ho-154



66

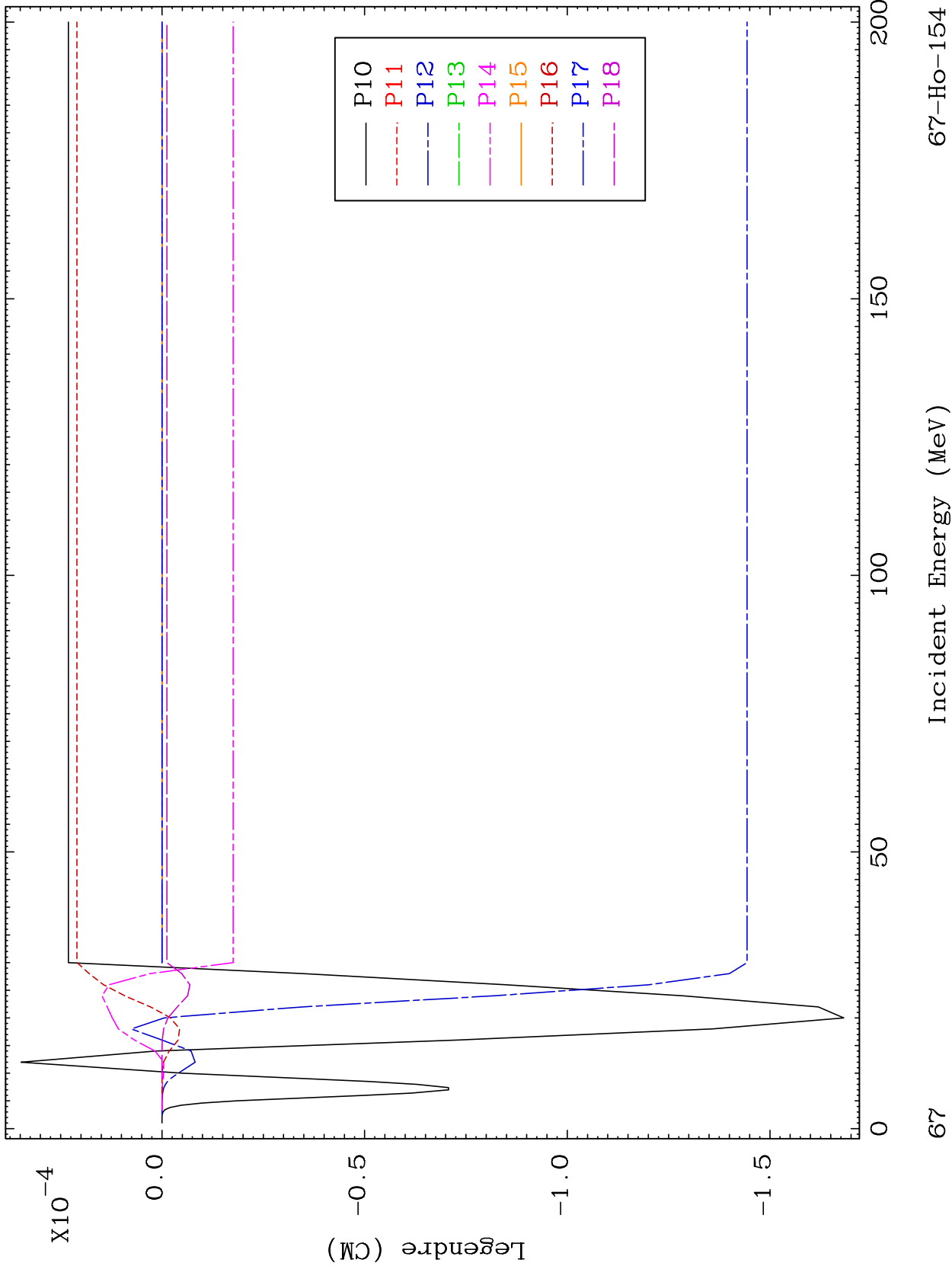
Incident Energy (MeV)

67-Ho-154

MAT 6692

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

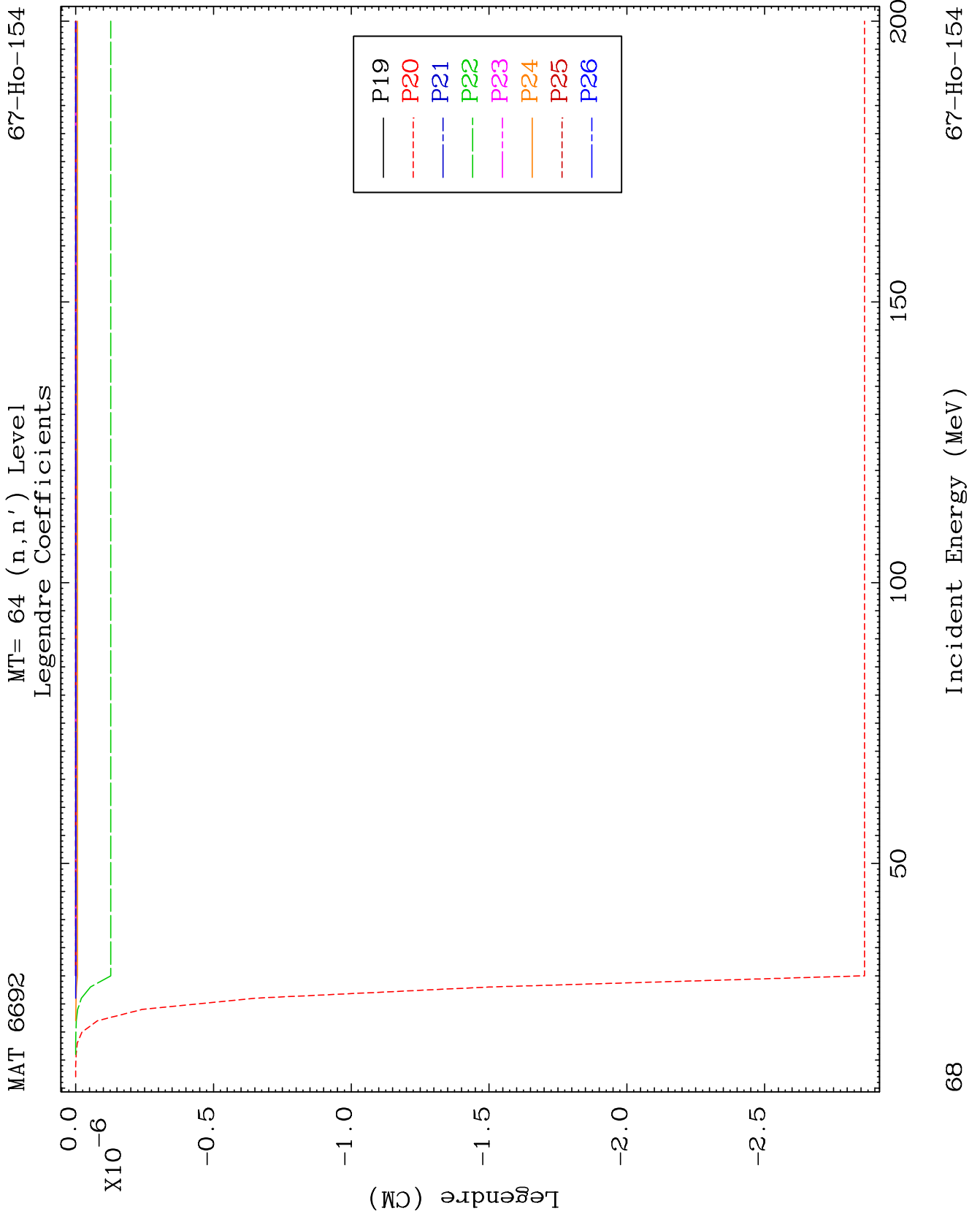
67-Ho-154



67

Incident Energy (MeV)

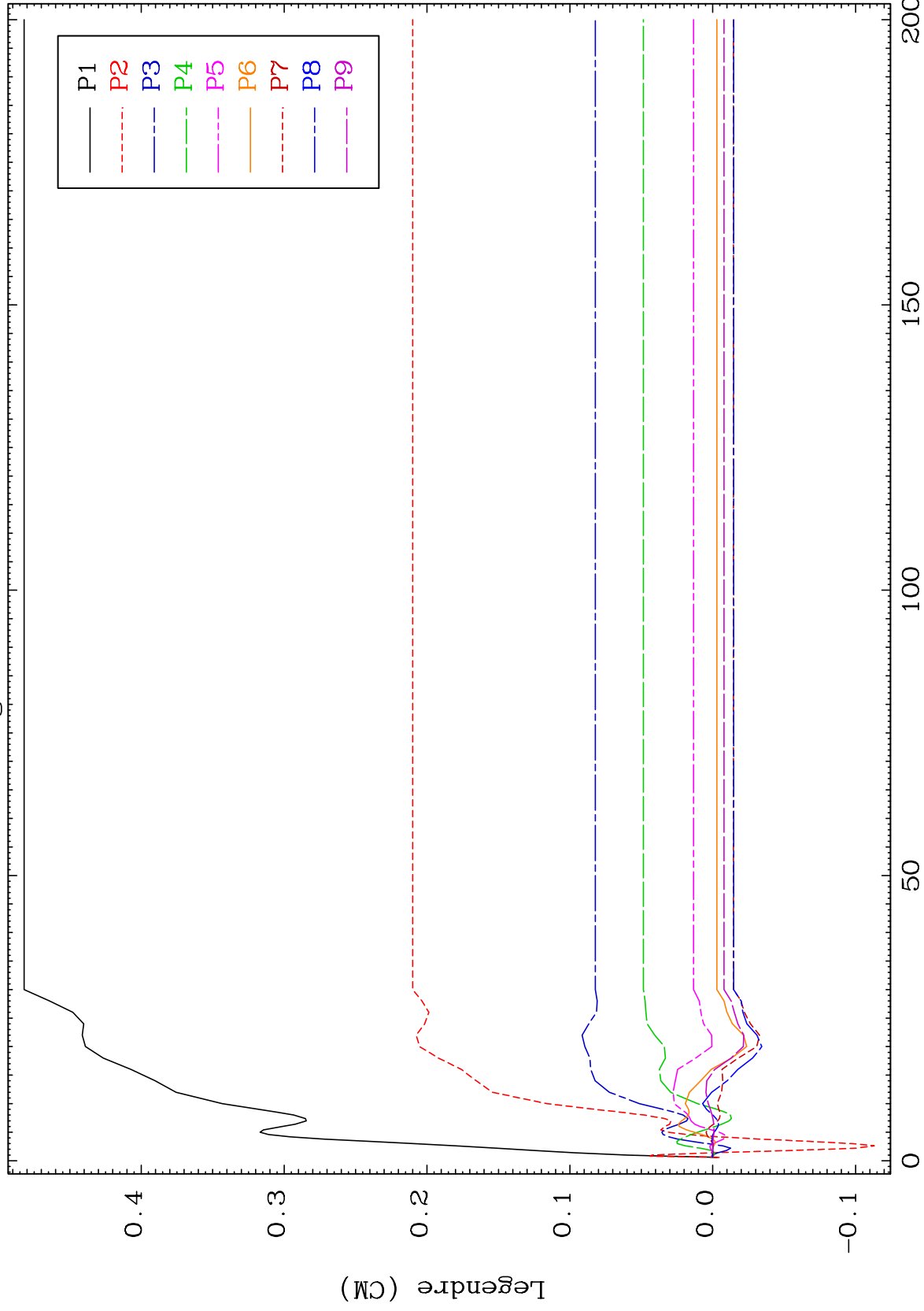
67-Ho-154



MAT 6692

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

67-Ho-154



69

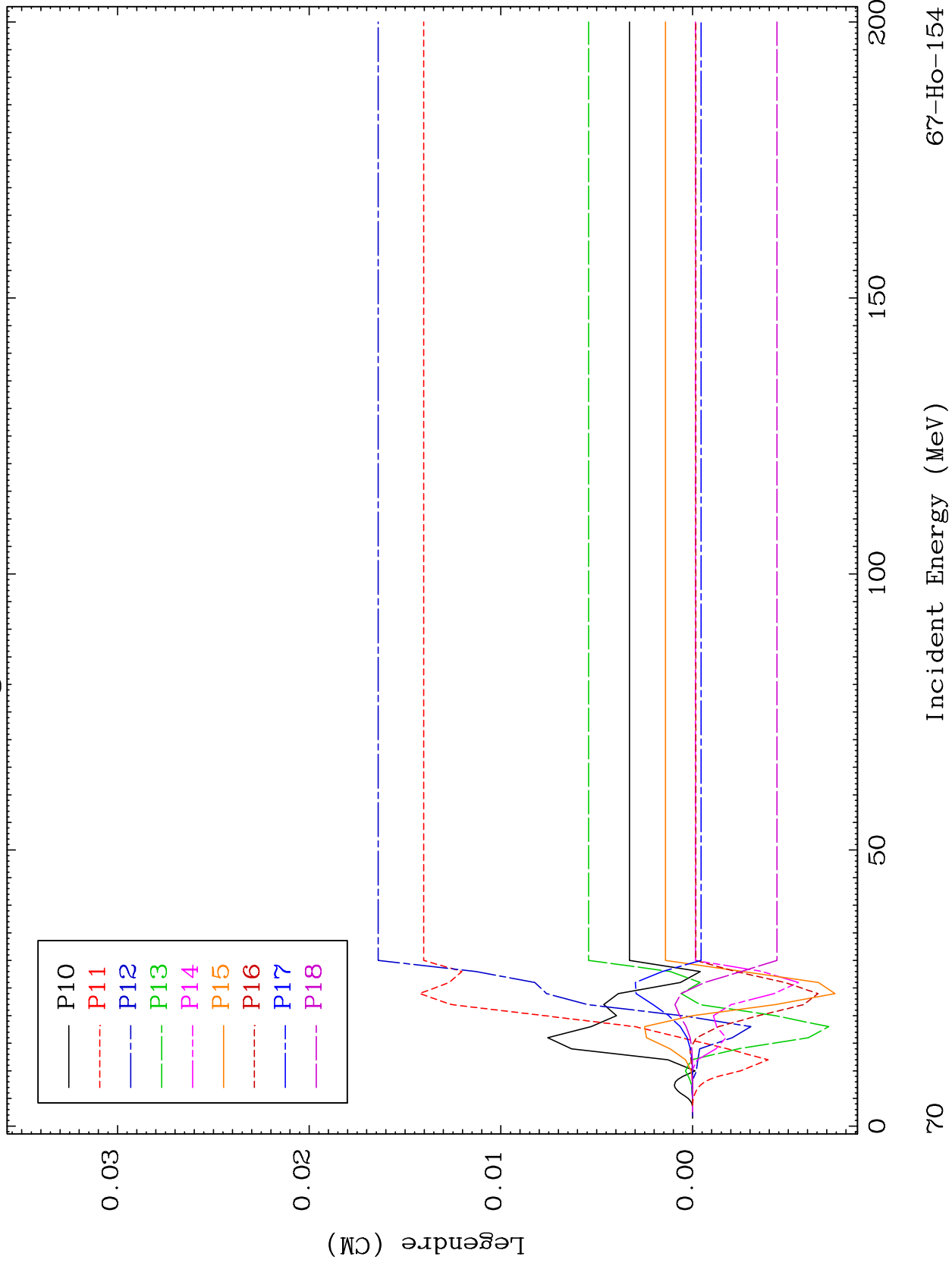
Incident Energy (MeV)

67-Ho-154

MAT 6692

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

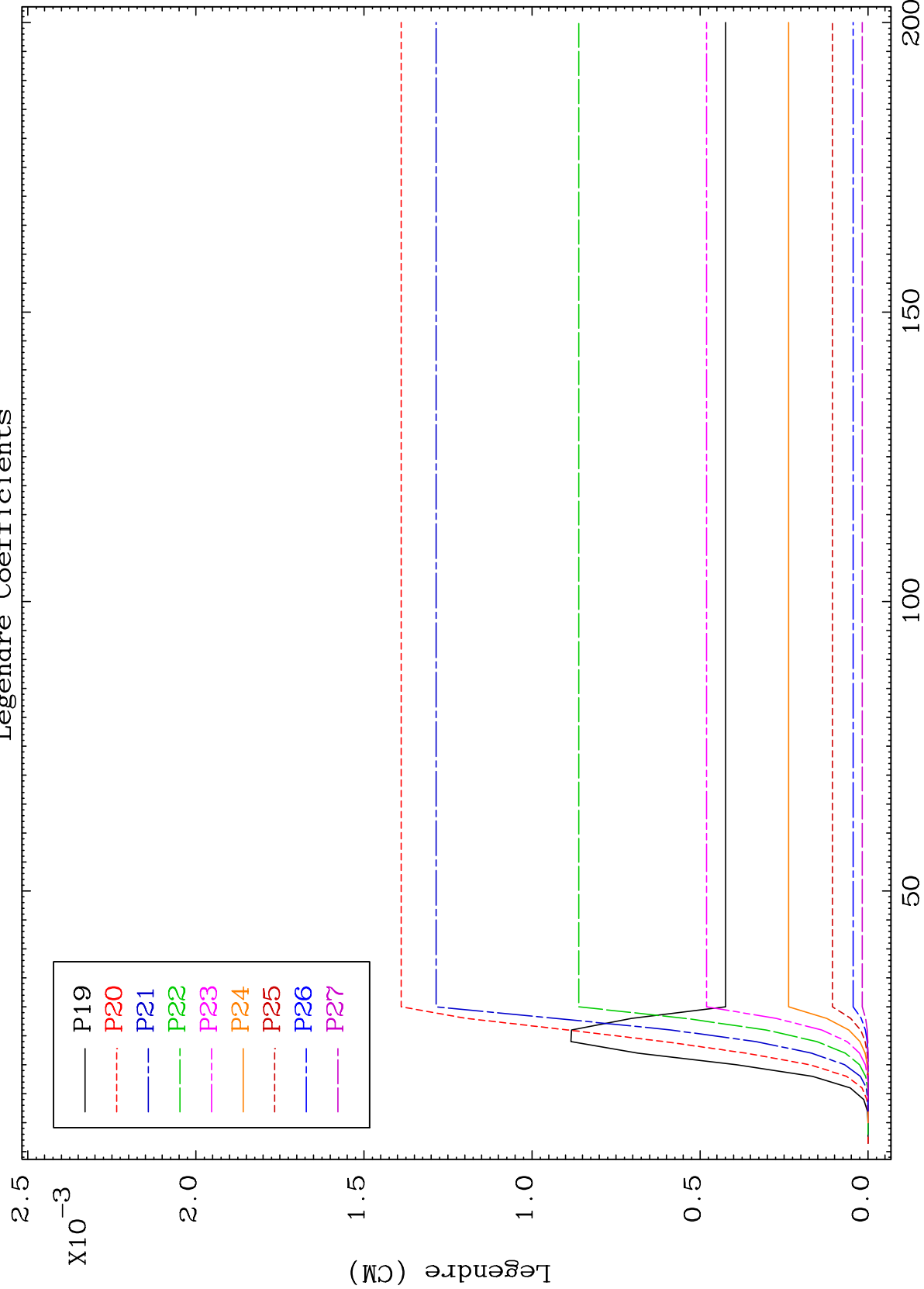
67-Ho-154



67-Ho-154

Incident Energy (MeV)

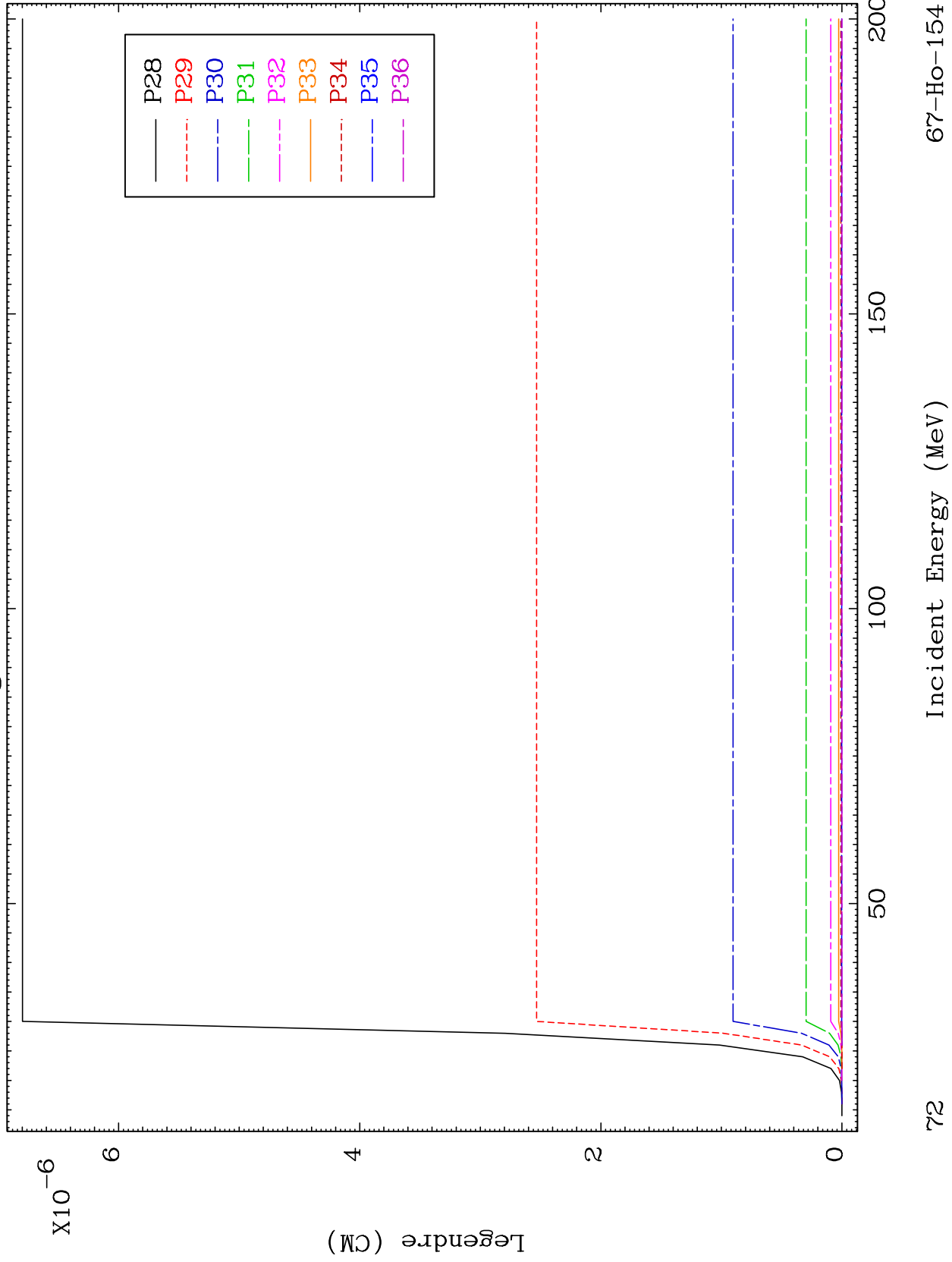
70



MAT 6692

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

67-Ho-154



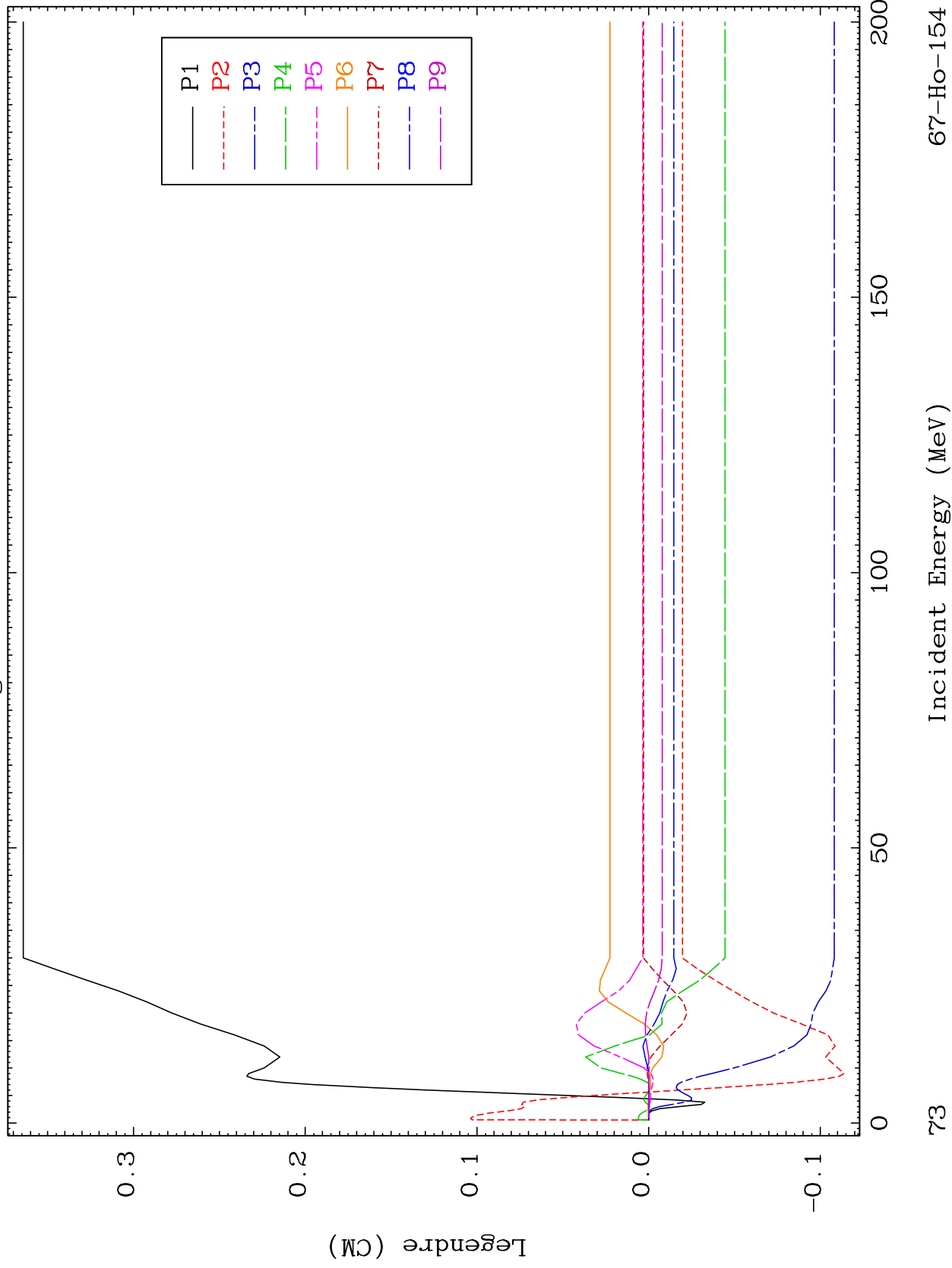
72

67-Ho-154

MAT 6692

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

67-Ho-154



67-Ho-154

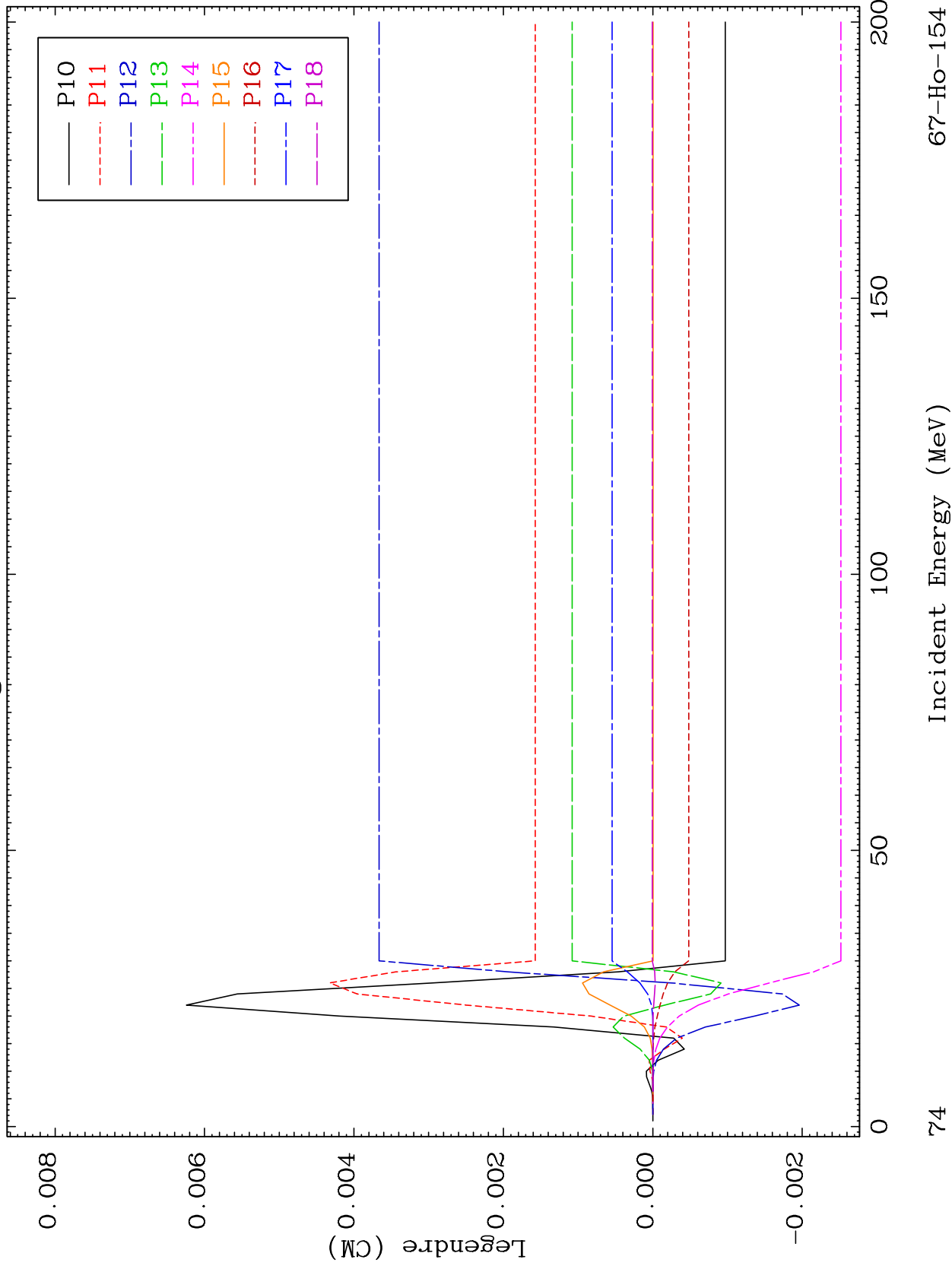
Incident Energy (MeV)

73

MAT 6692

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

67-Ho-154



74

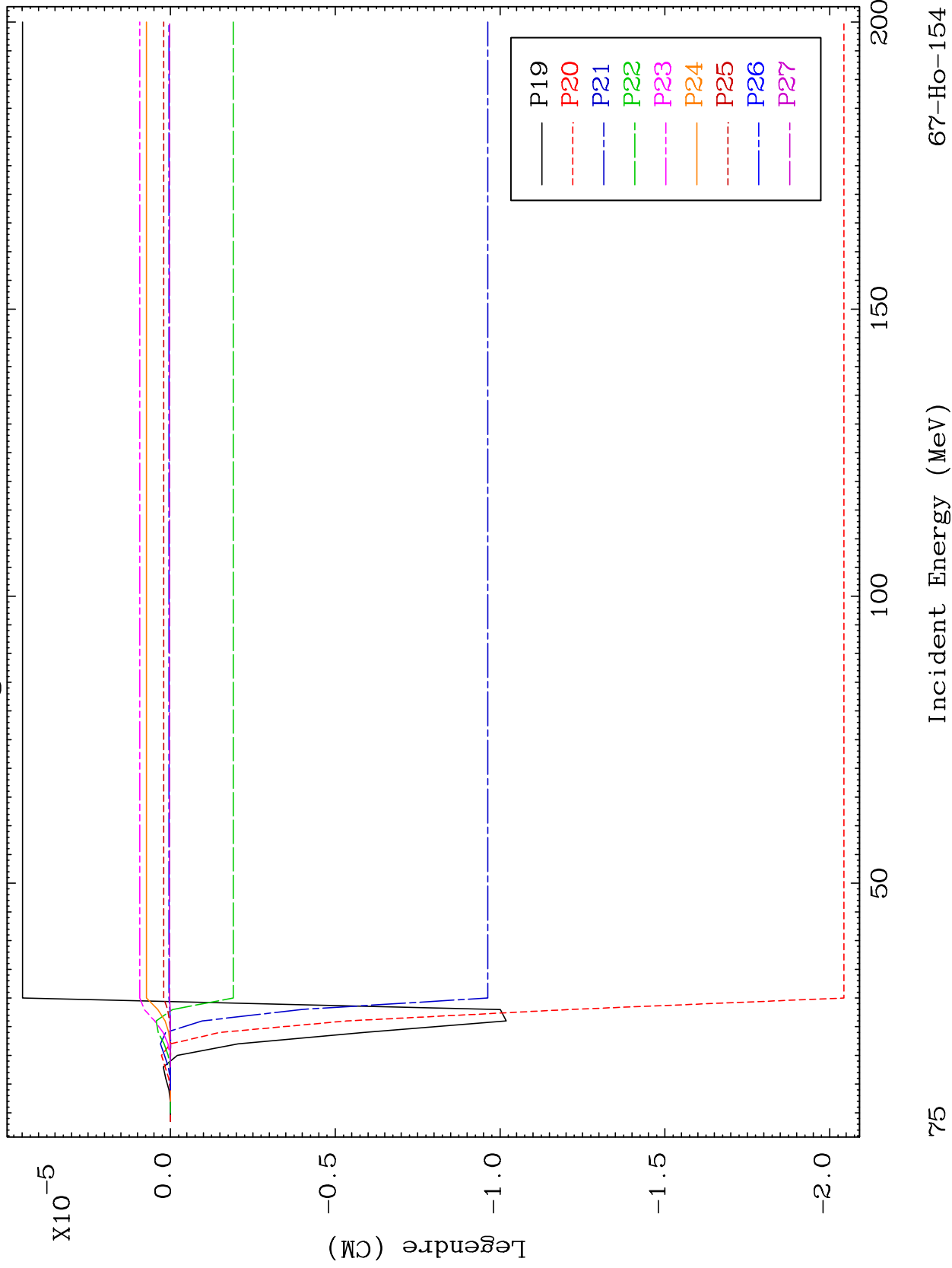
Incident Energy (MeV)

67-Ho-154

MAT 6692

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

67-Ho-154



75

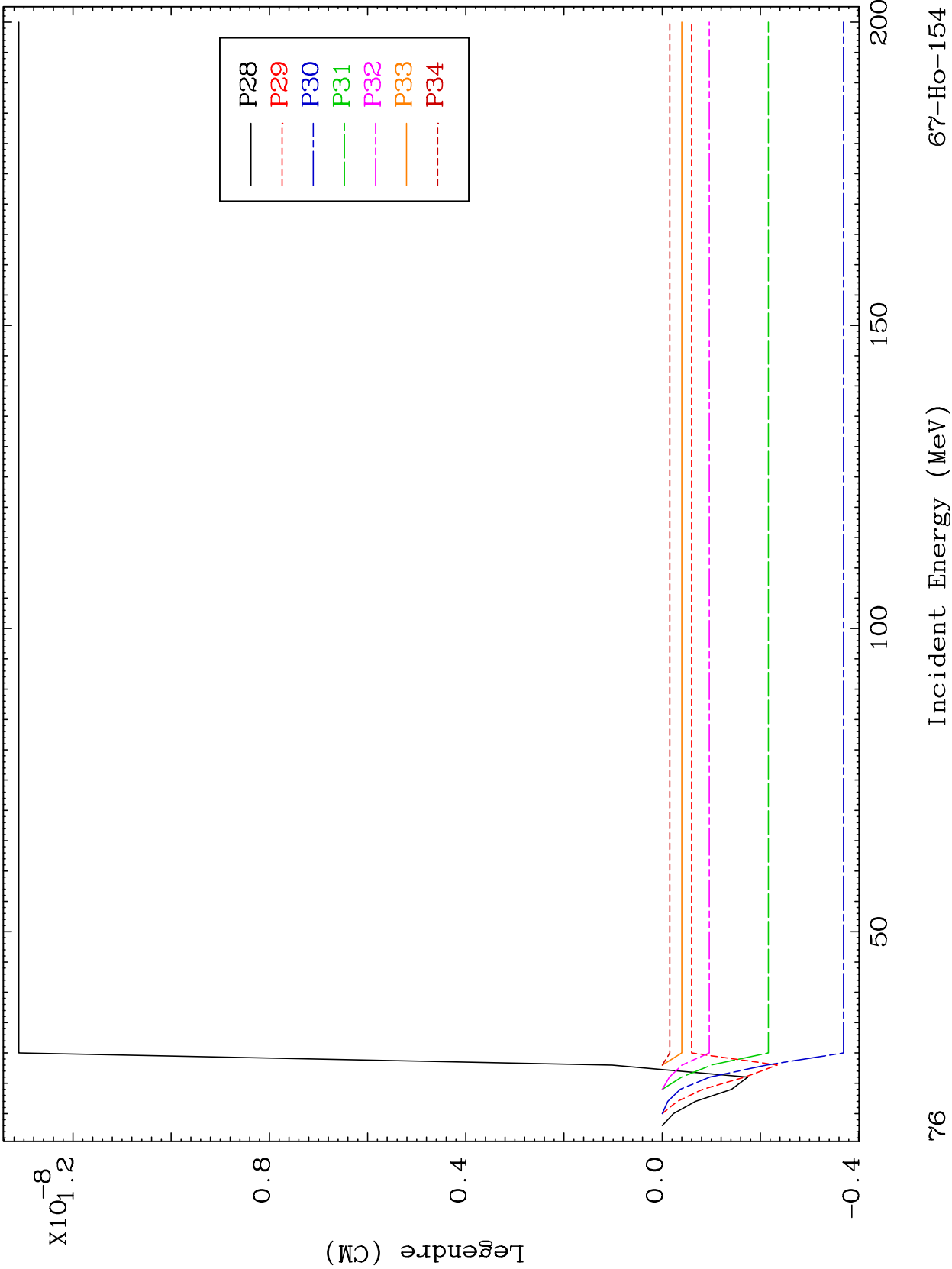
Incident Energy (MeV)

67-Ho-154

MAT 6692

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

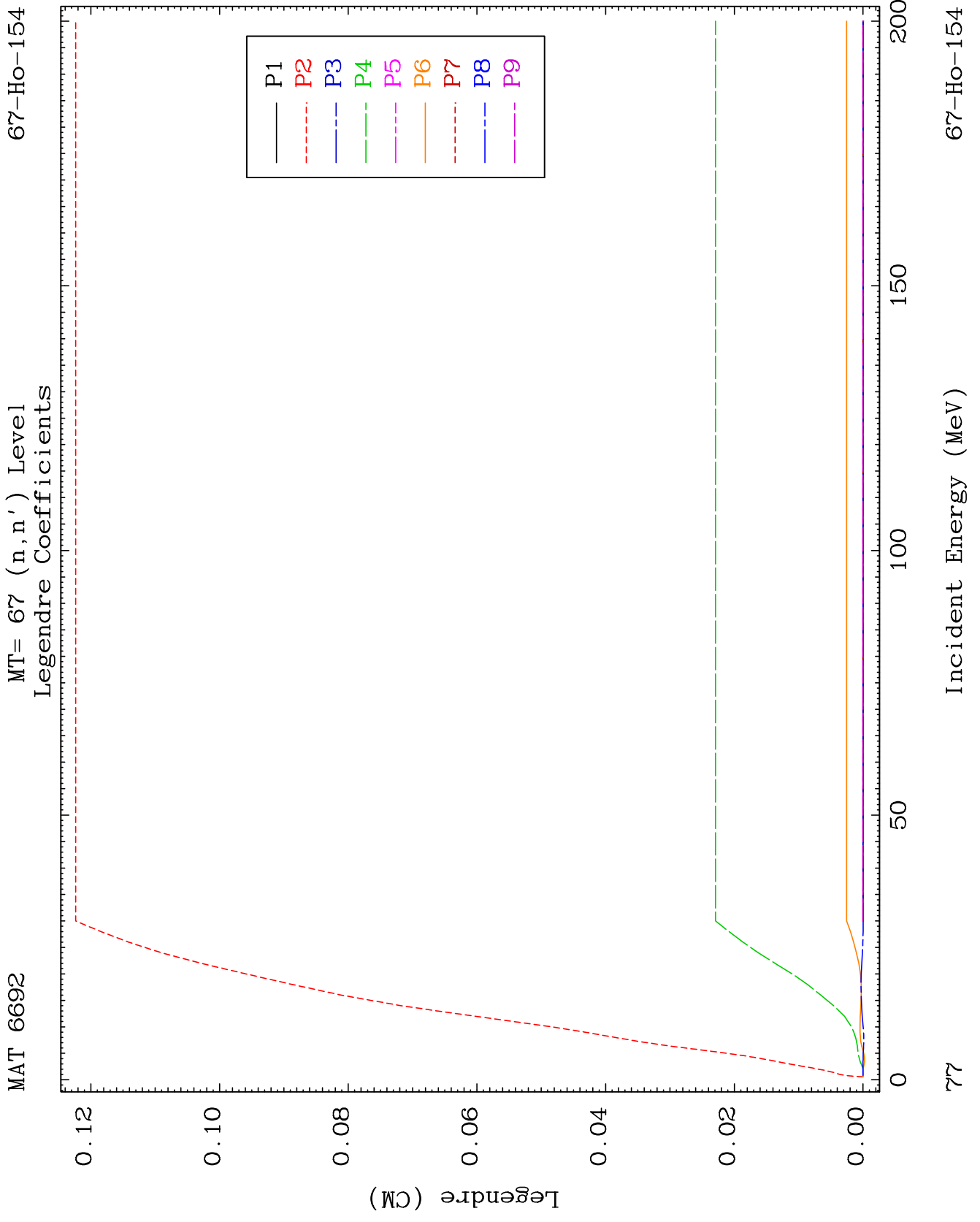
67-Ho-154



76

Incident Energy (MeV)

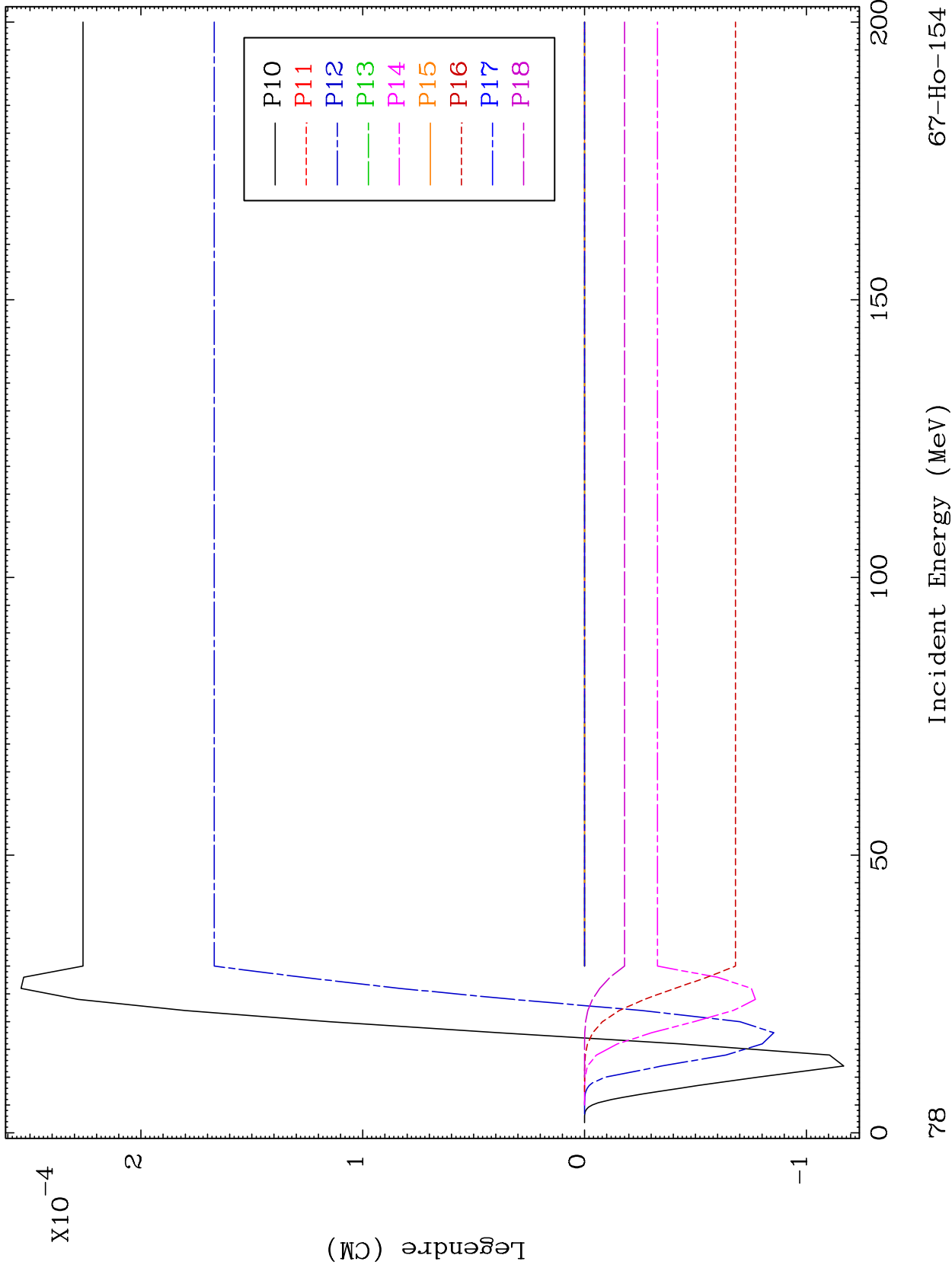
67-Ho-154



MAT 6692

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

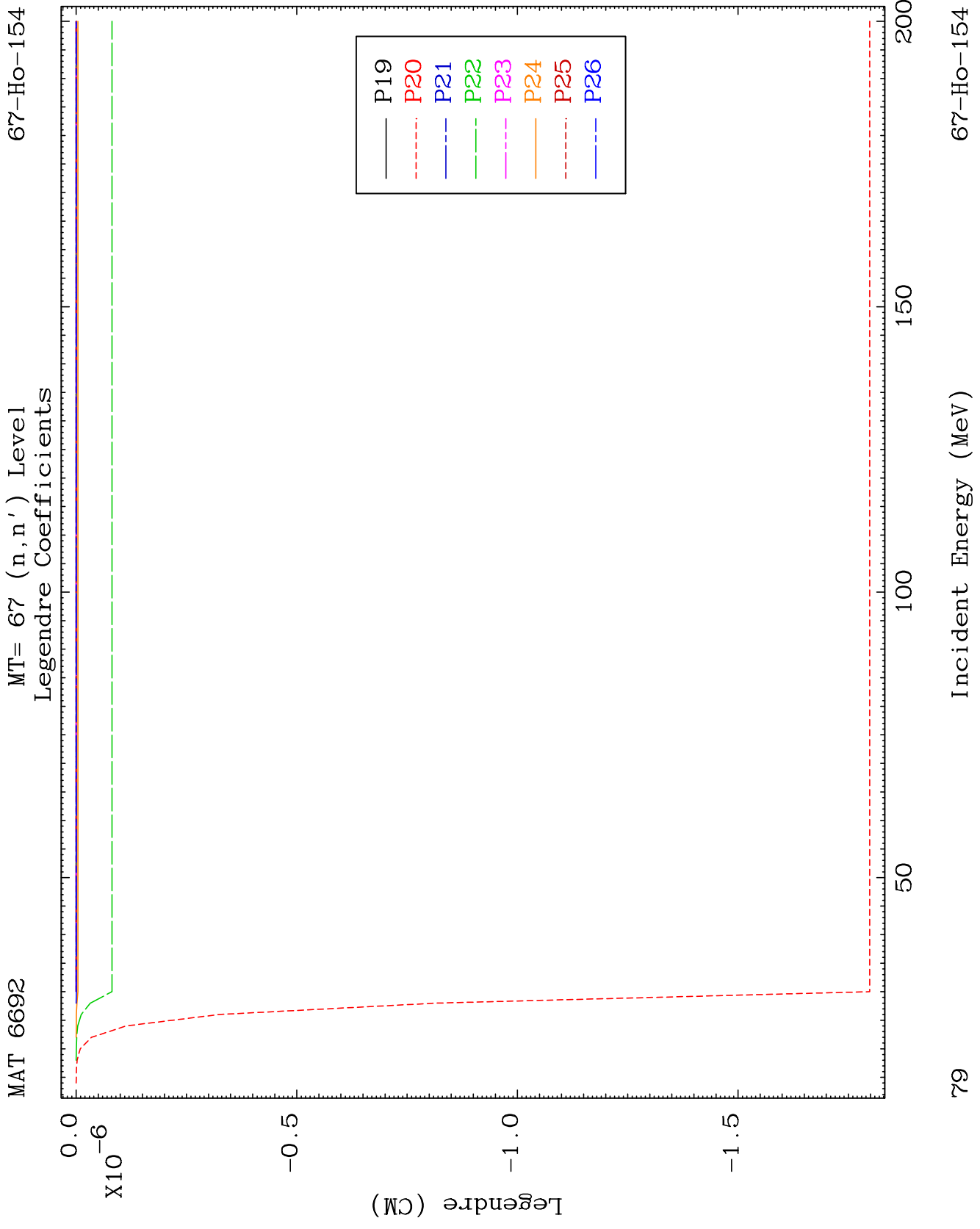
67-Ho-154



78

Incident Energy (MeV)

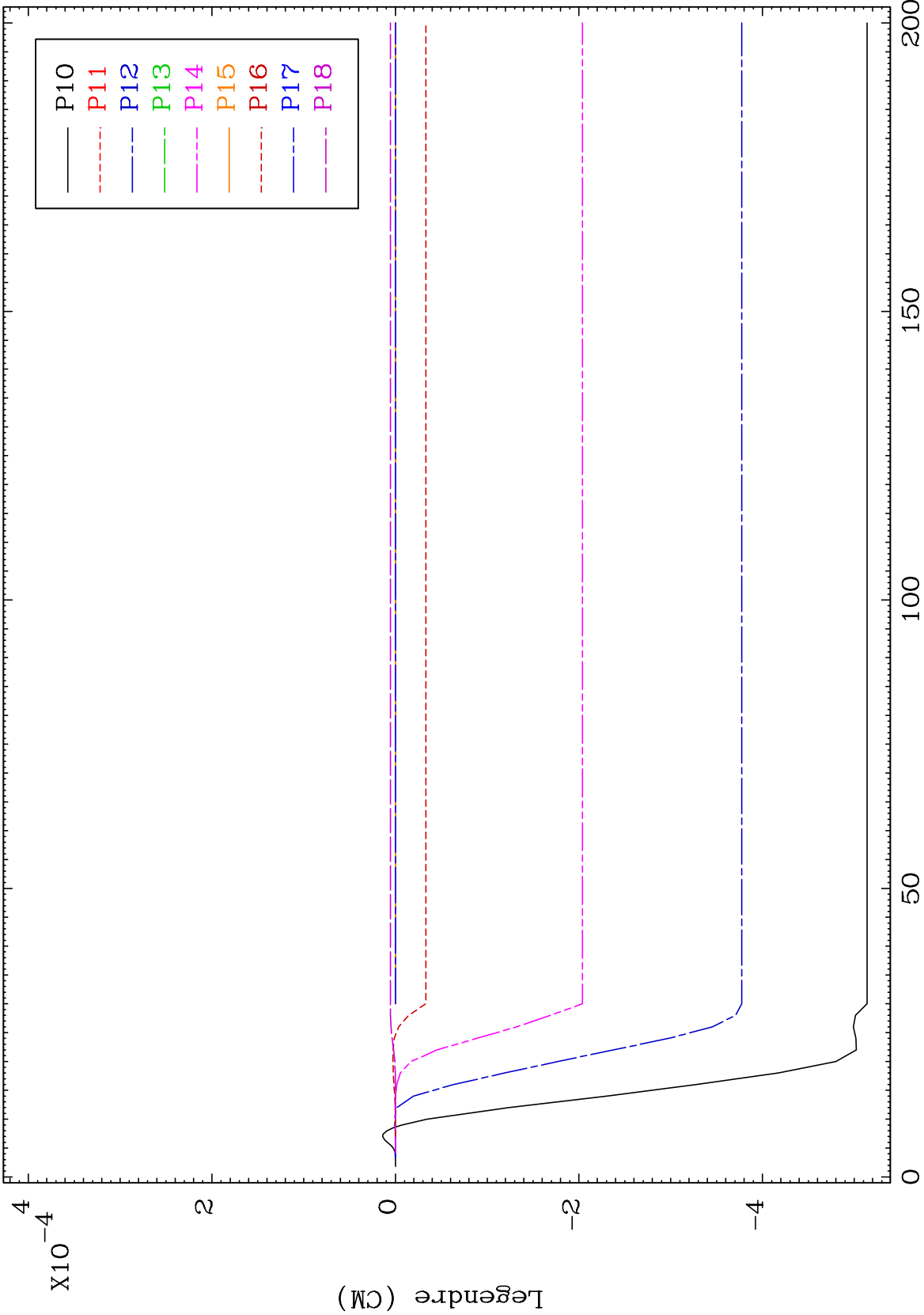
67-Ho-154



MAT 6692

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

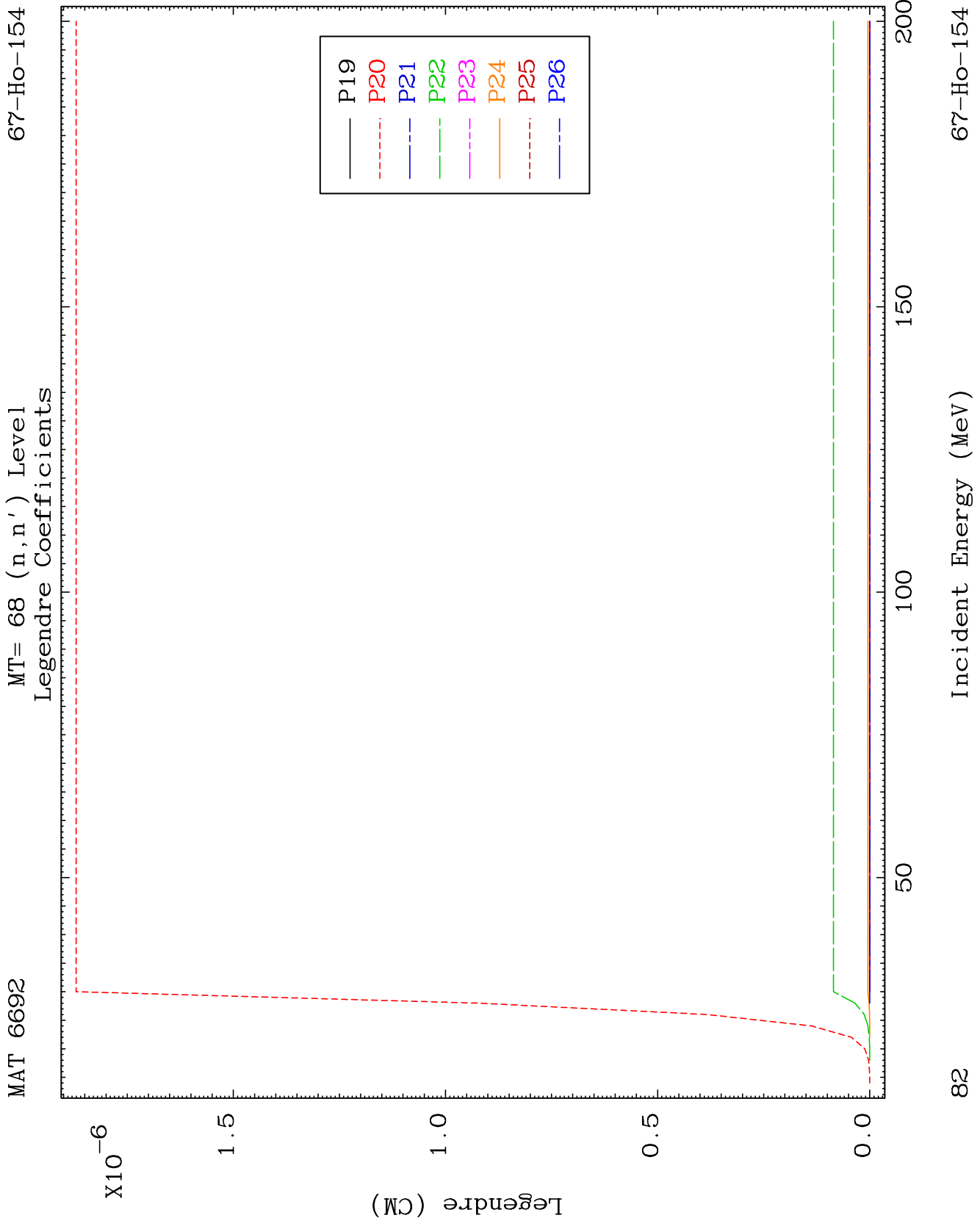
67-Ho-154



81

Incident Energy (MeV)

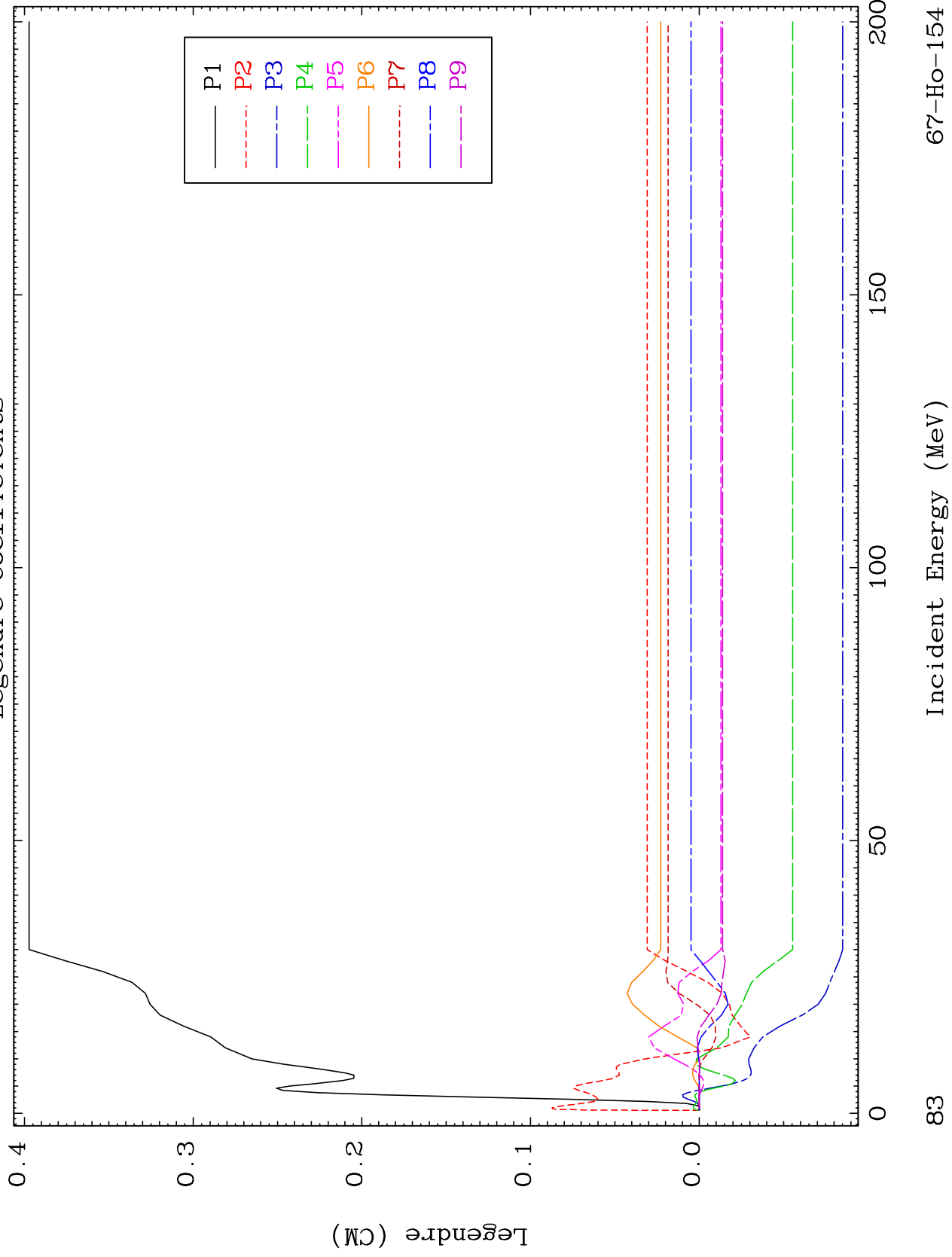
67-Ho-154



MAT 6692

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

67-Ho-154



67-Ho-154

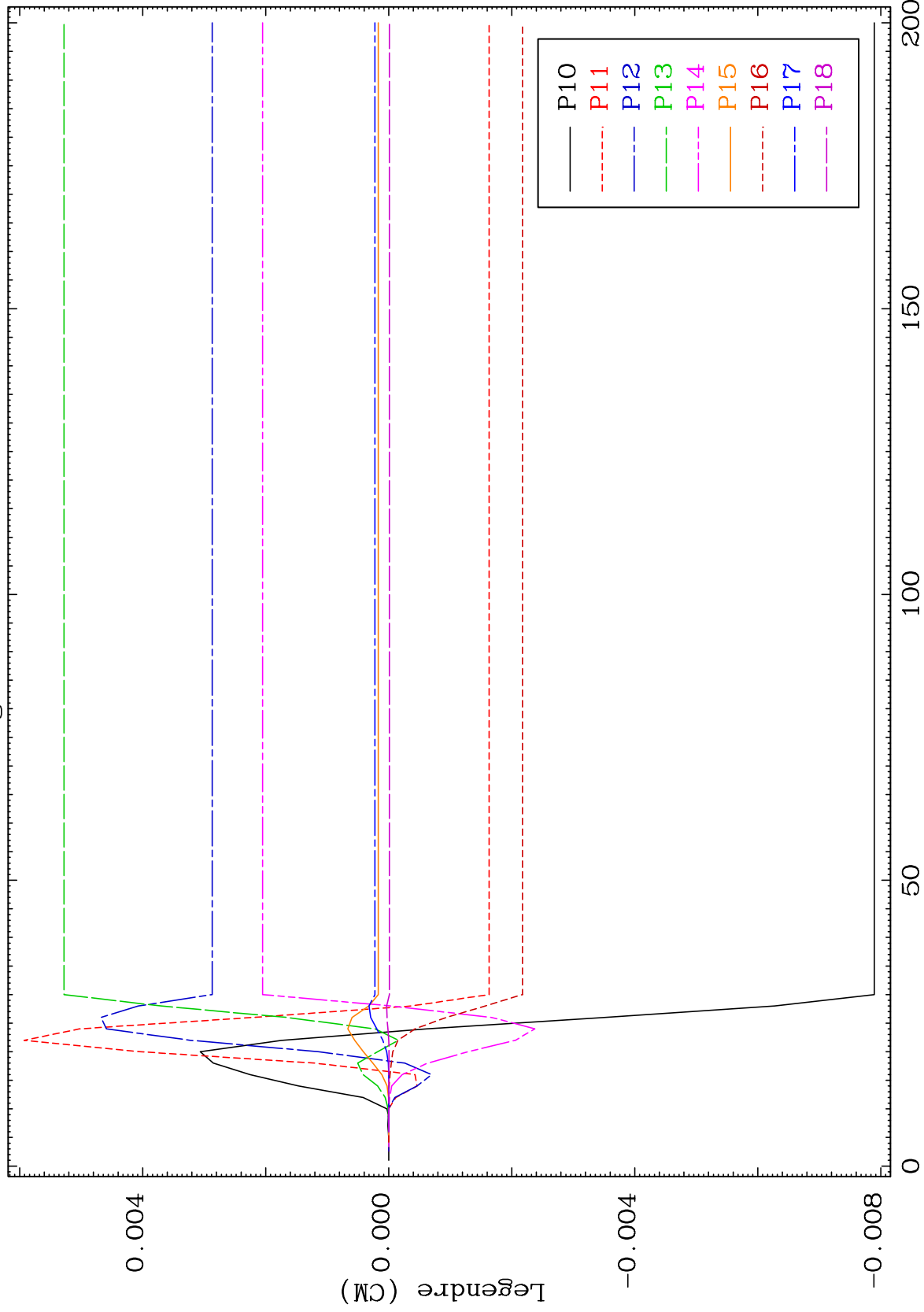
Incident Energy (MeV)

83

MAT 6692

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

67-Ho-154



84

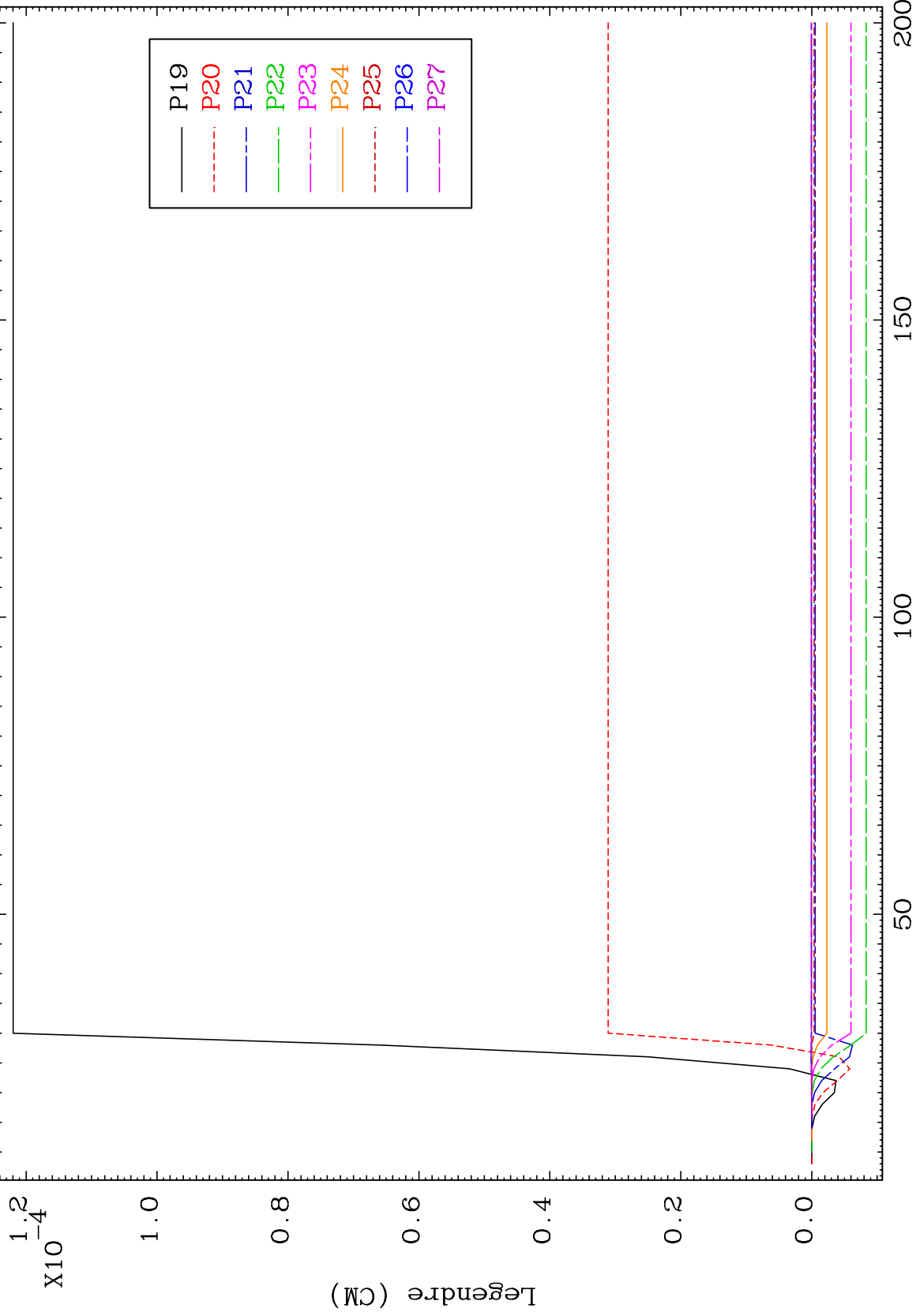
Incident Energy (MeV)

67-Ho-154

MAT 6692

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

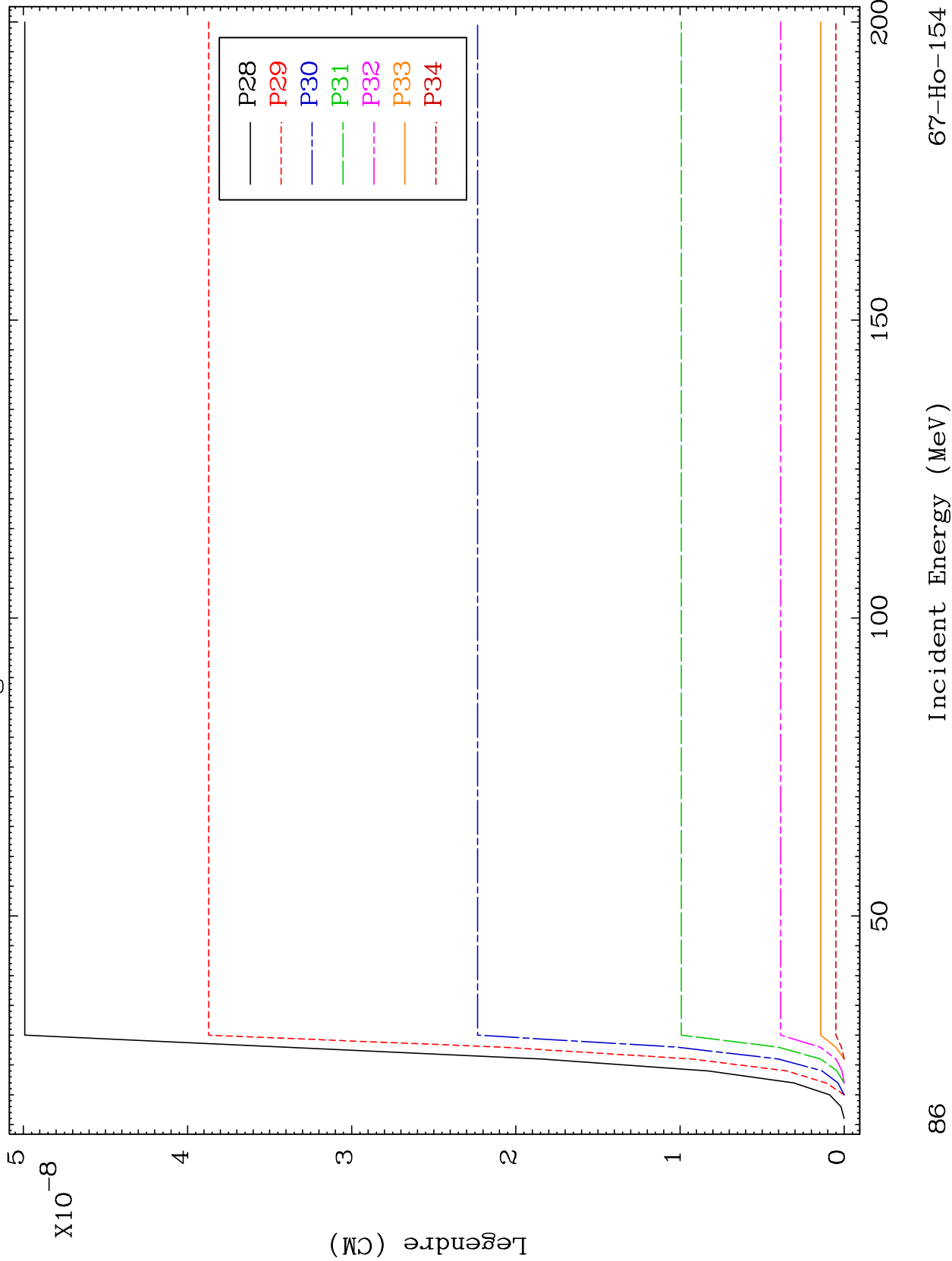
67-Ho-154

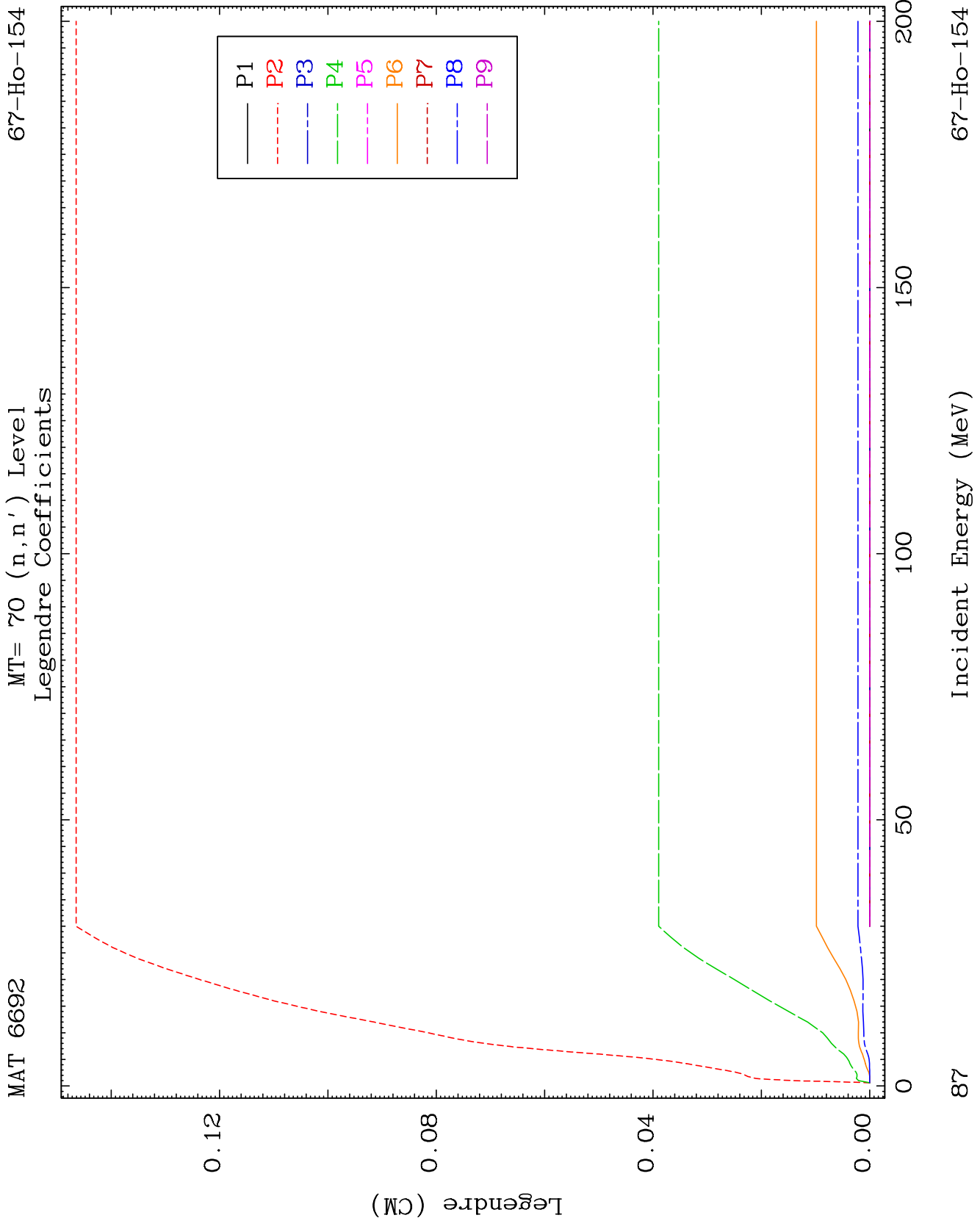


85

Incident Energy (MeV)

67-Ho-154

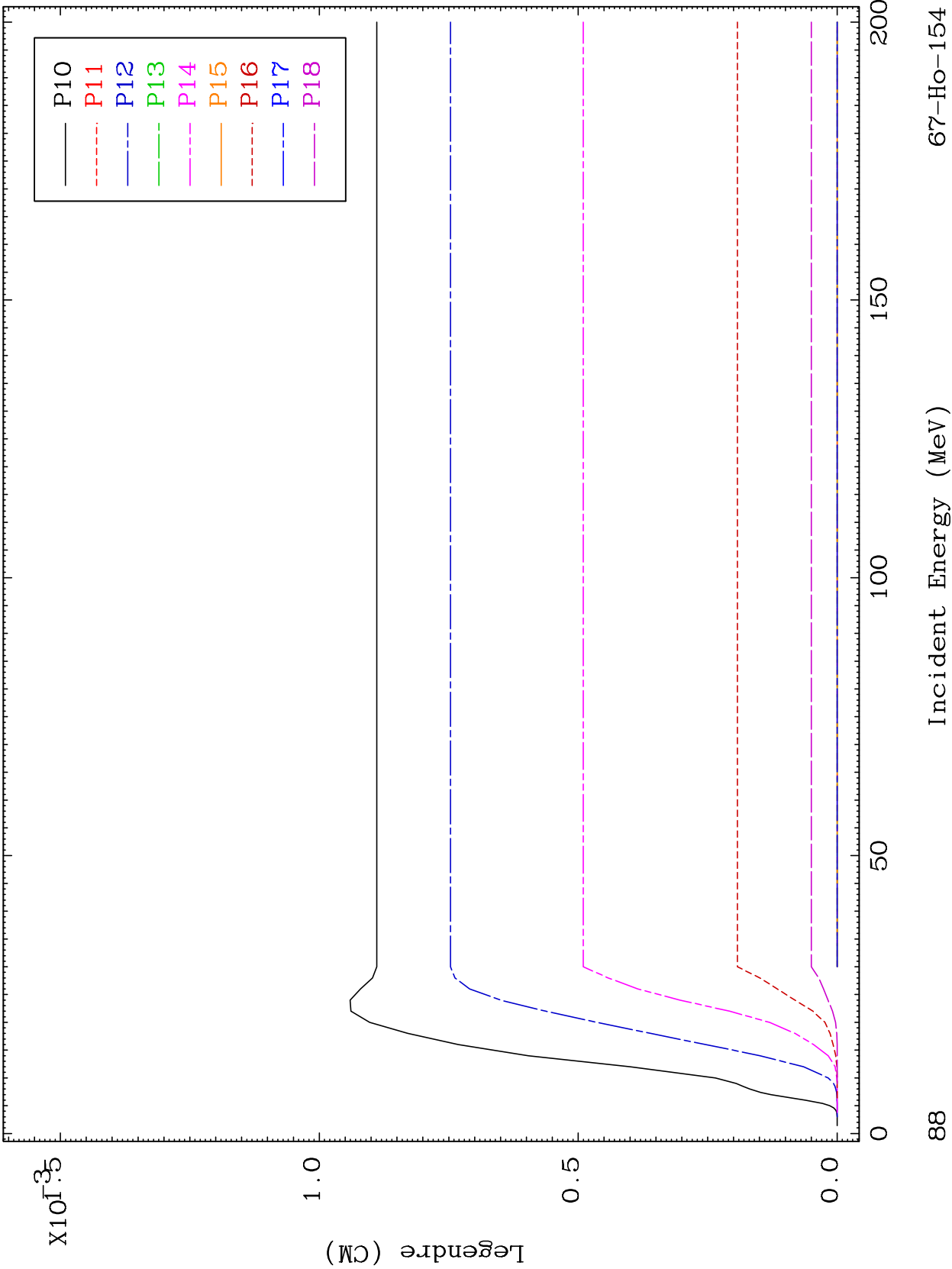




MAT 6692

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

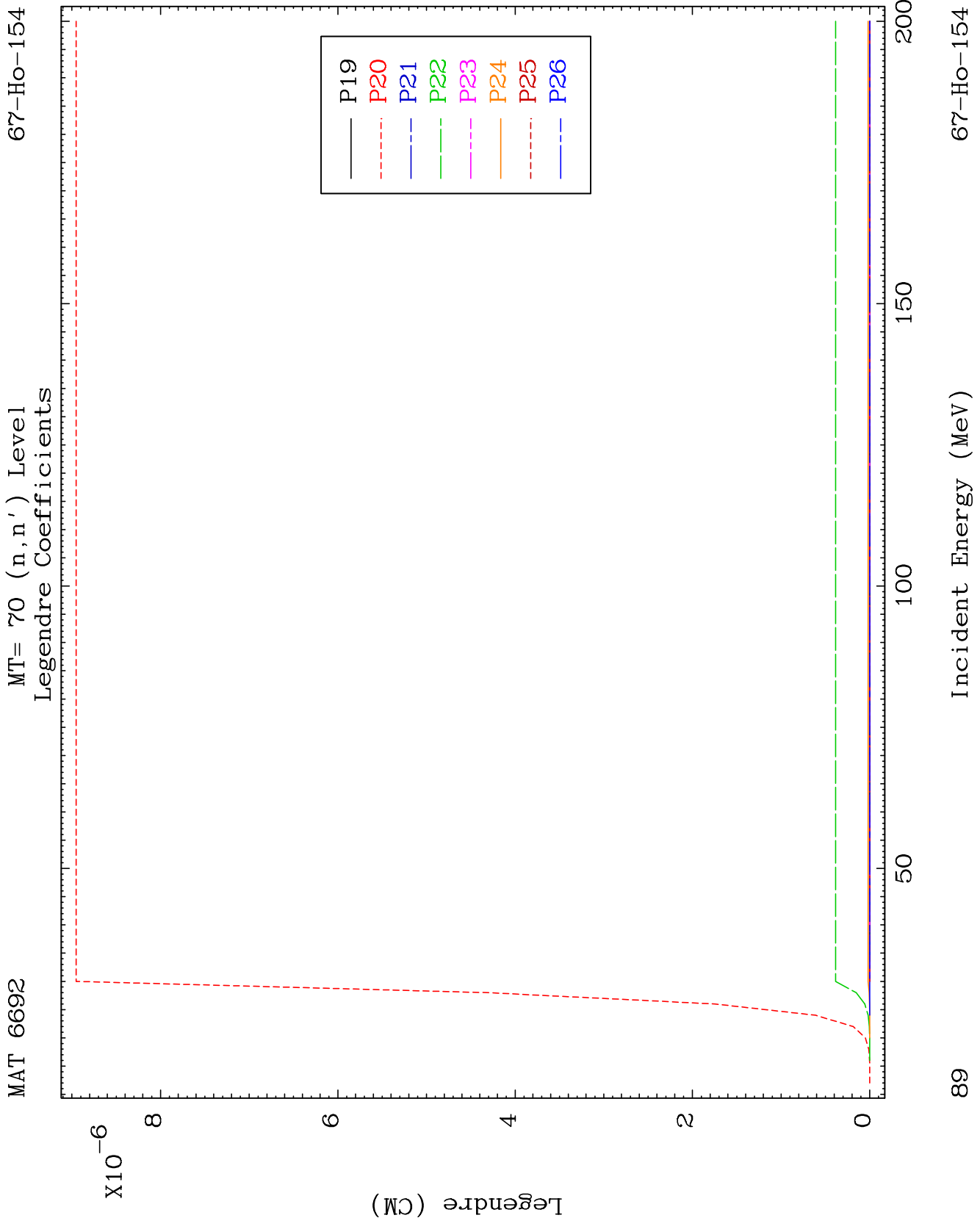
67-Ho-154



88

Incident Energy (MeV)

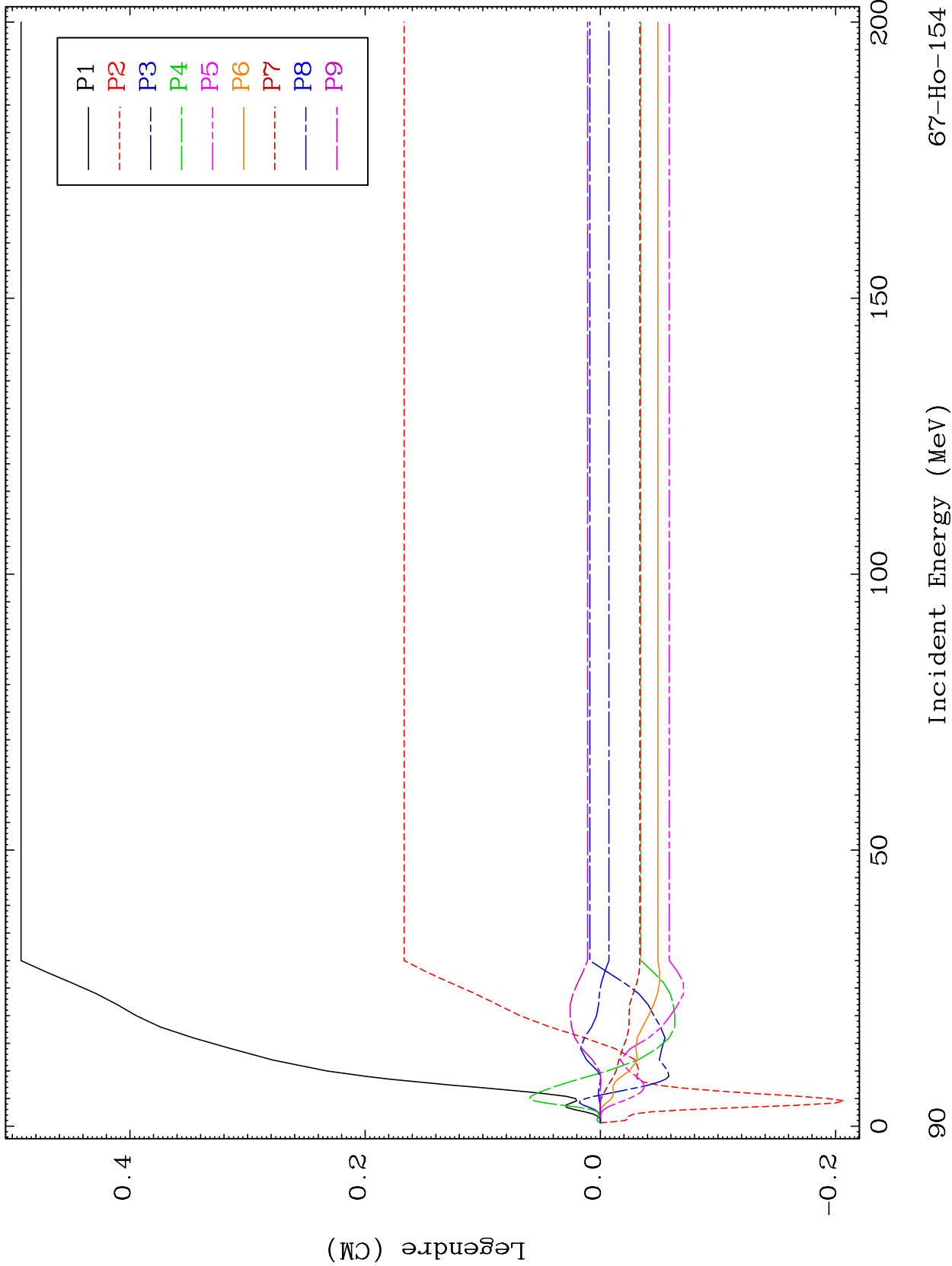
67-Ho-154



MAT 6692

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

67-Ho-154



67-Ho-154

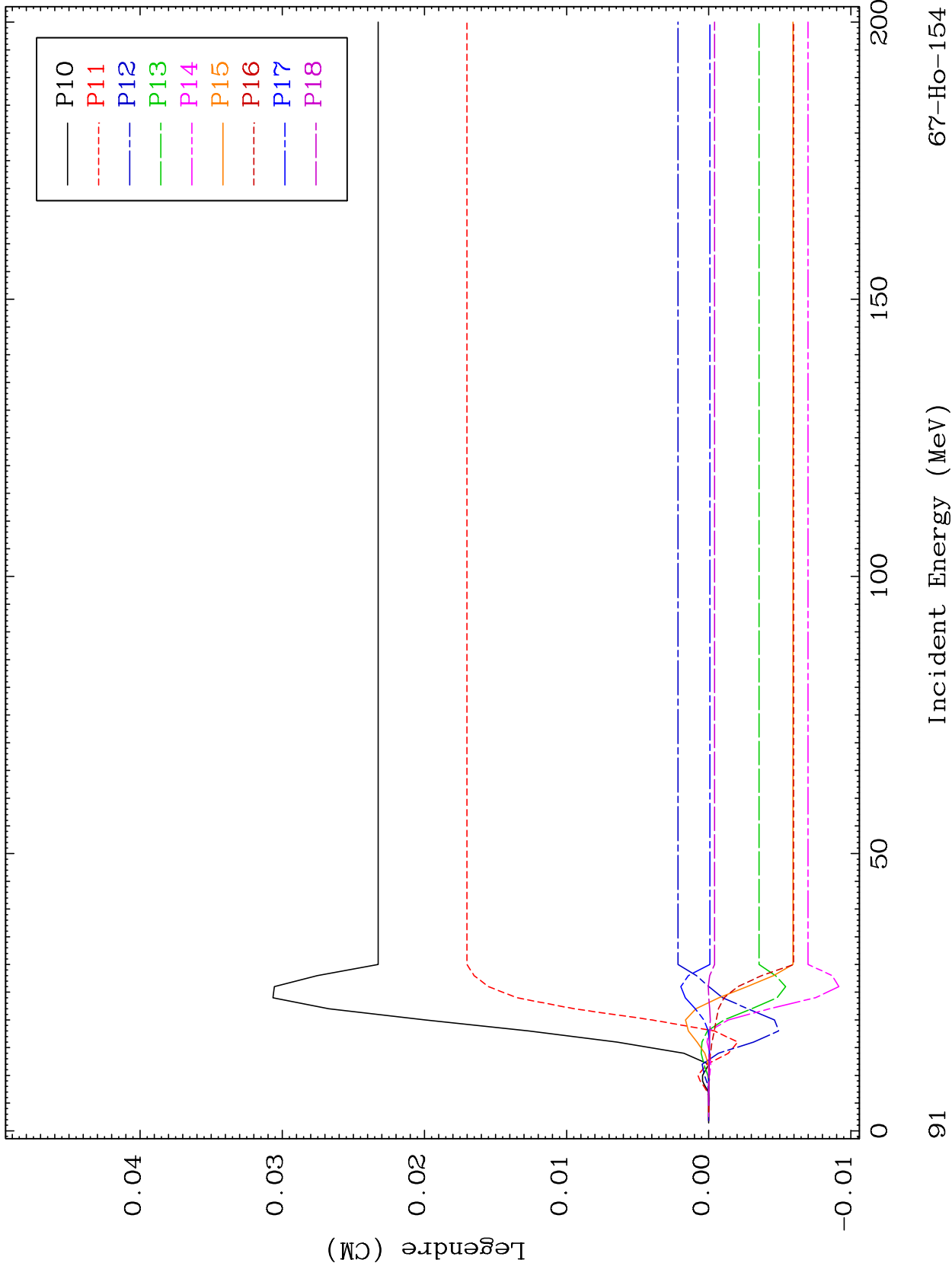
Incident Energy (MeV)

90

MAT 6692

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

67-Ho-154



67-Ho-154

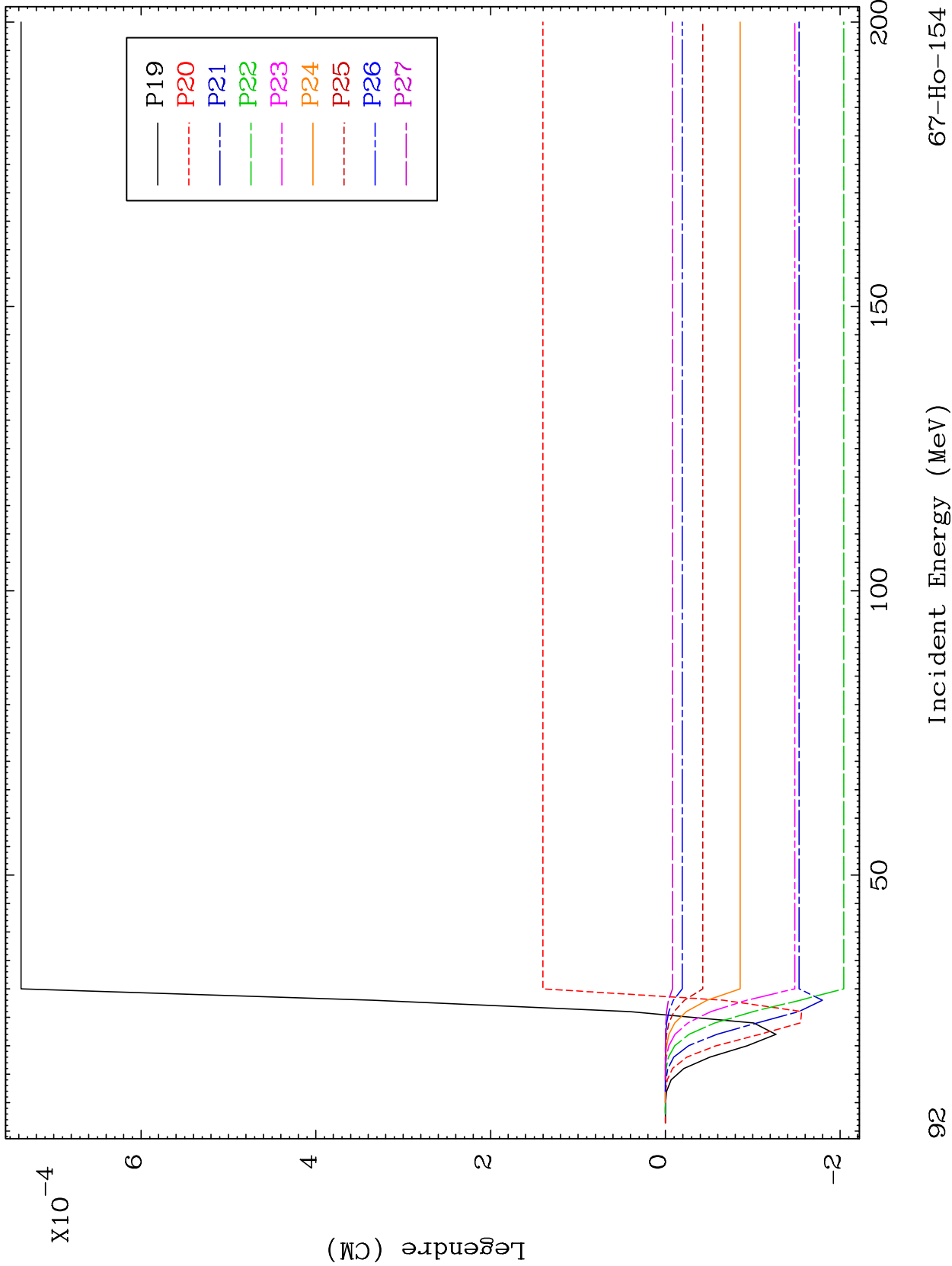
Incident Energy (MeV)

91

MAT 6692

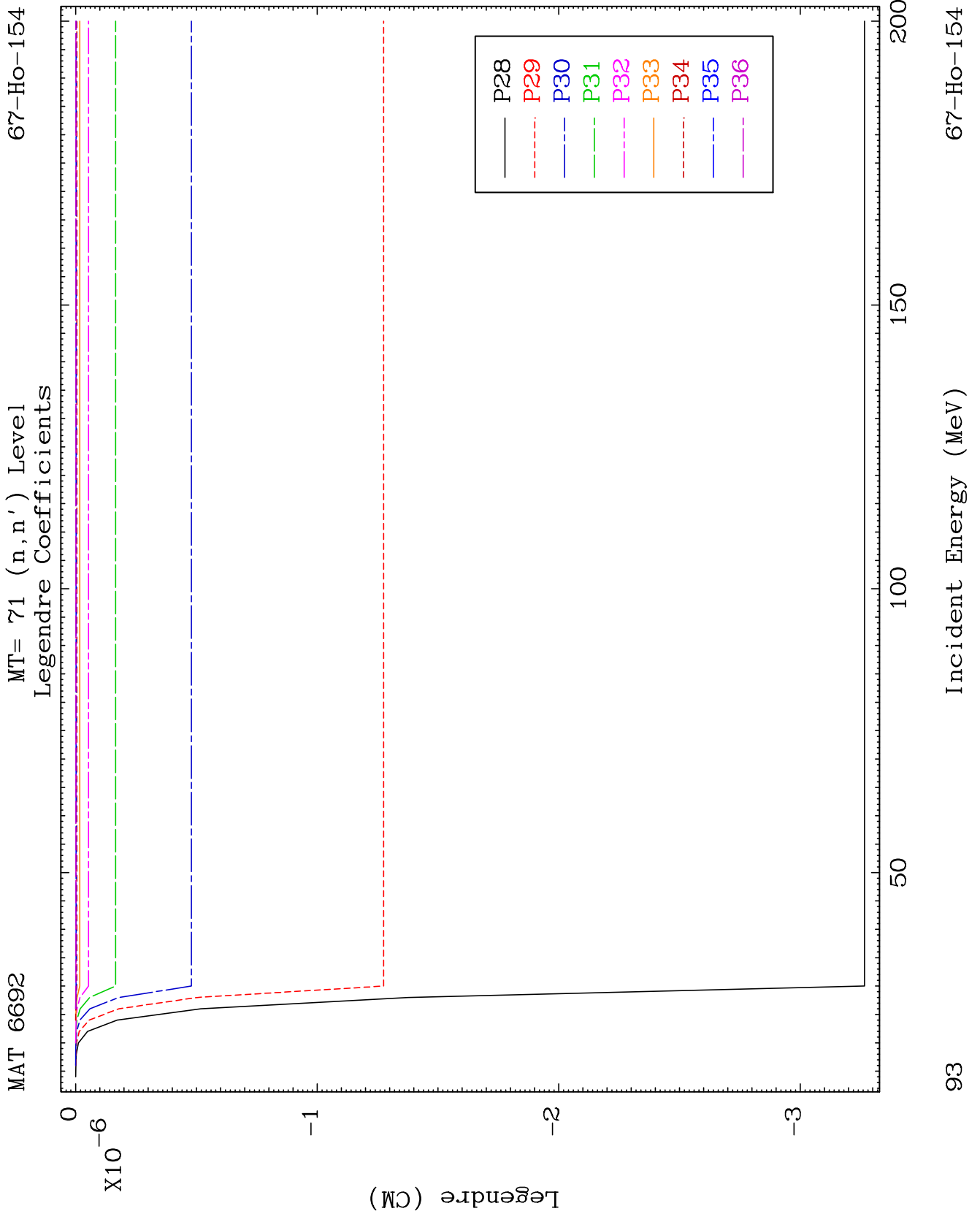
MT= 71 (n,n') Level
Legendre Coefficients

67-Ho-154



92

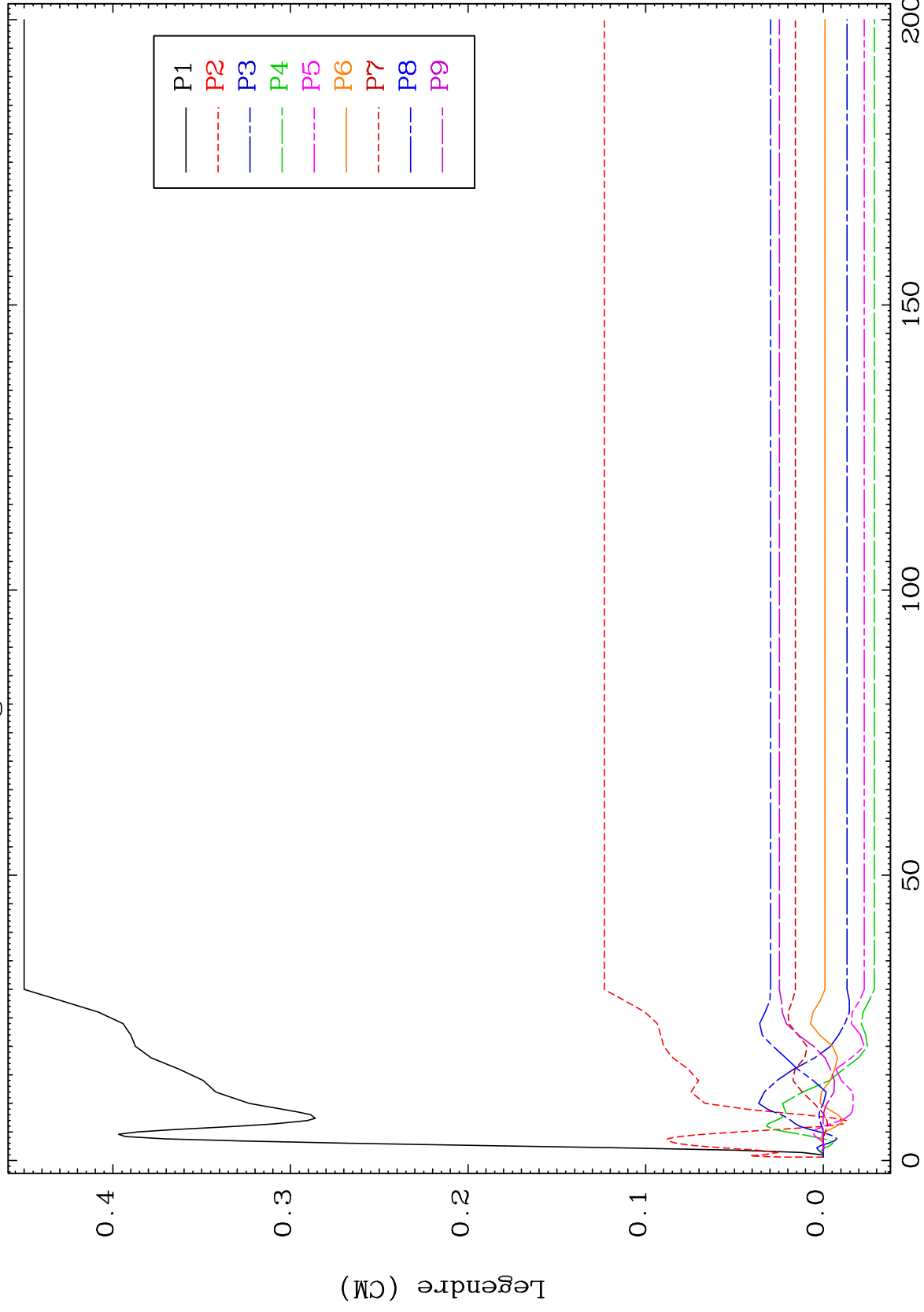
67-Ho-154



MAT 6692

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

67-Ho-154



94

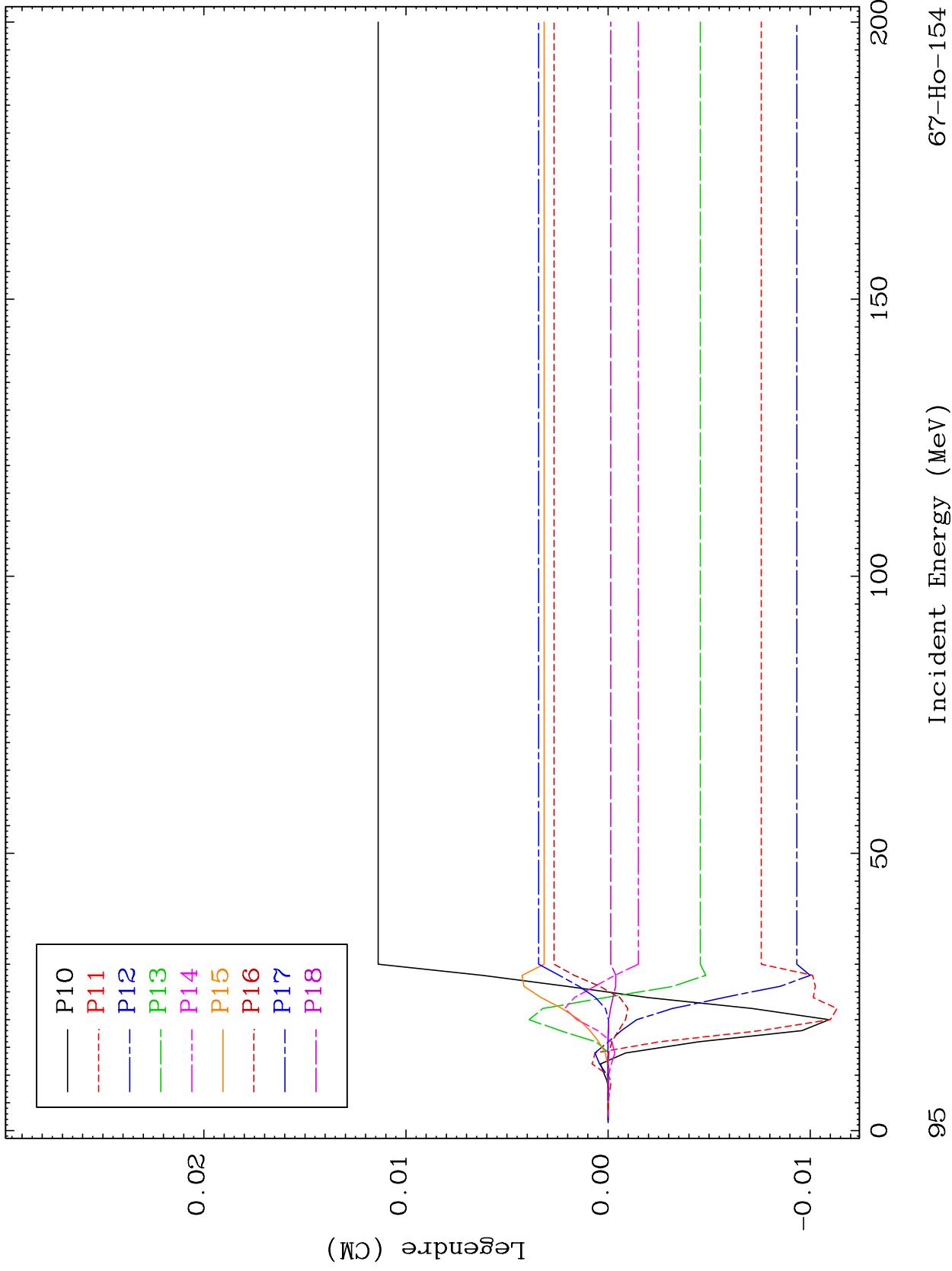
Incident Energy (MeV)

67-Ho-154

MAT 6692

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

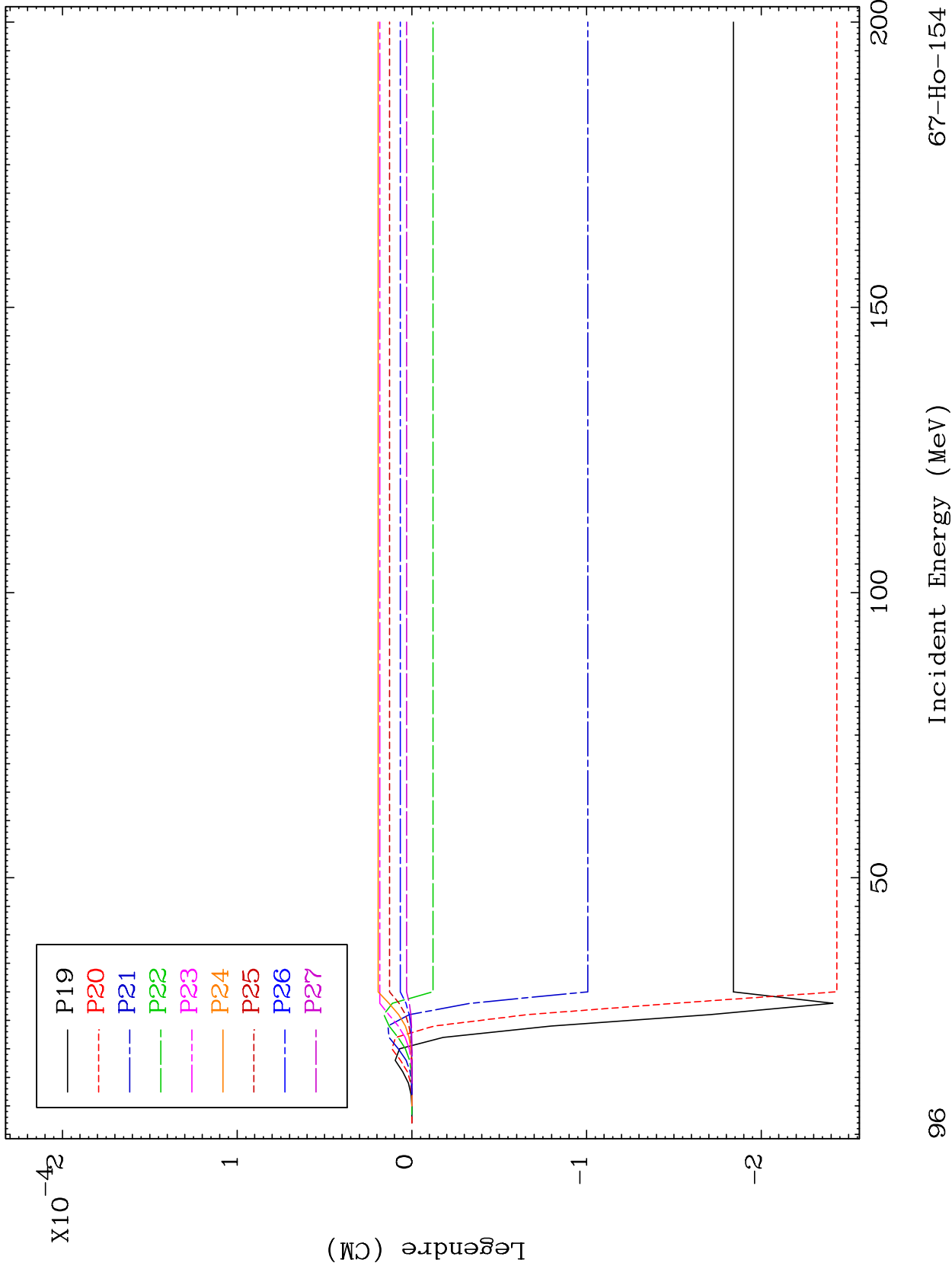
67-Ho-154



67-Ho-154

Incident Energy (MeV)

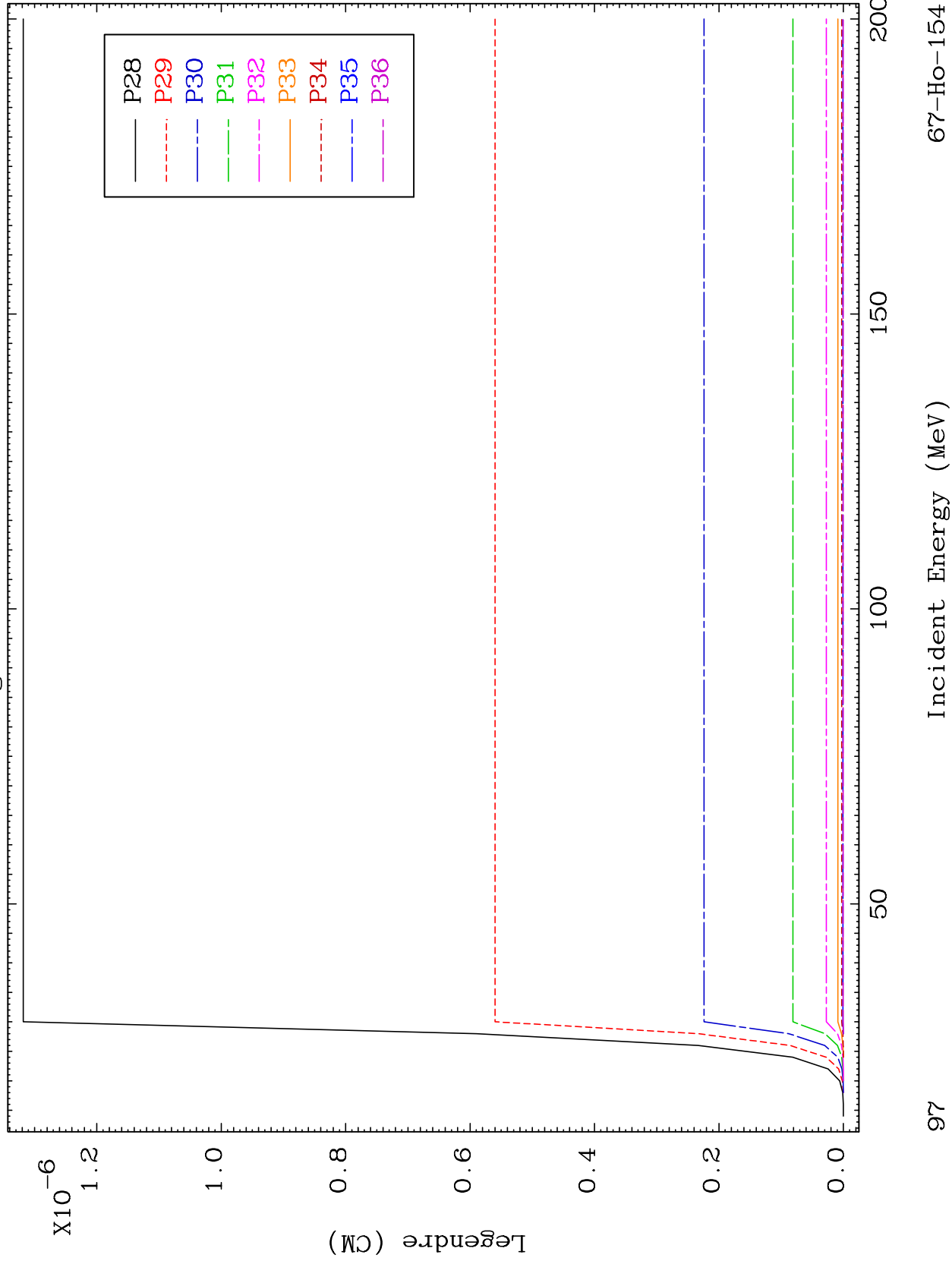
95



MAT 6692

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

67-Ho-154

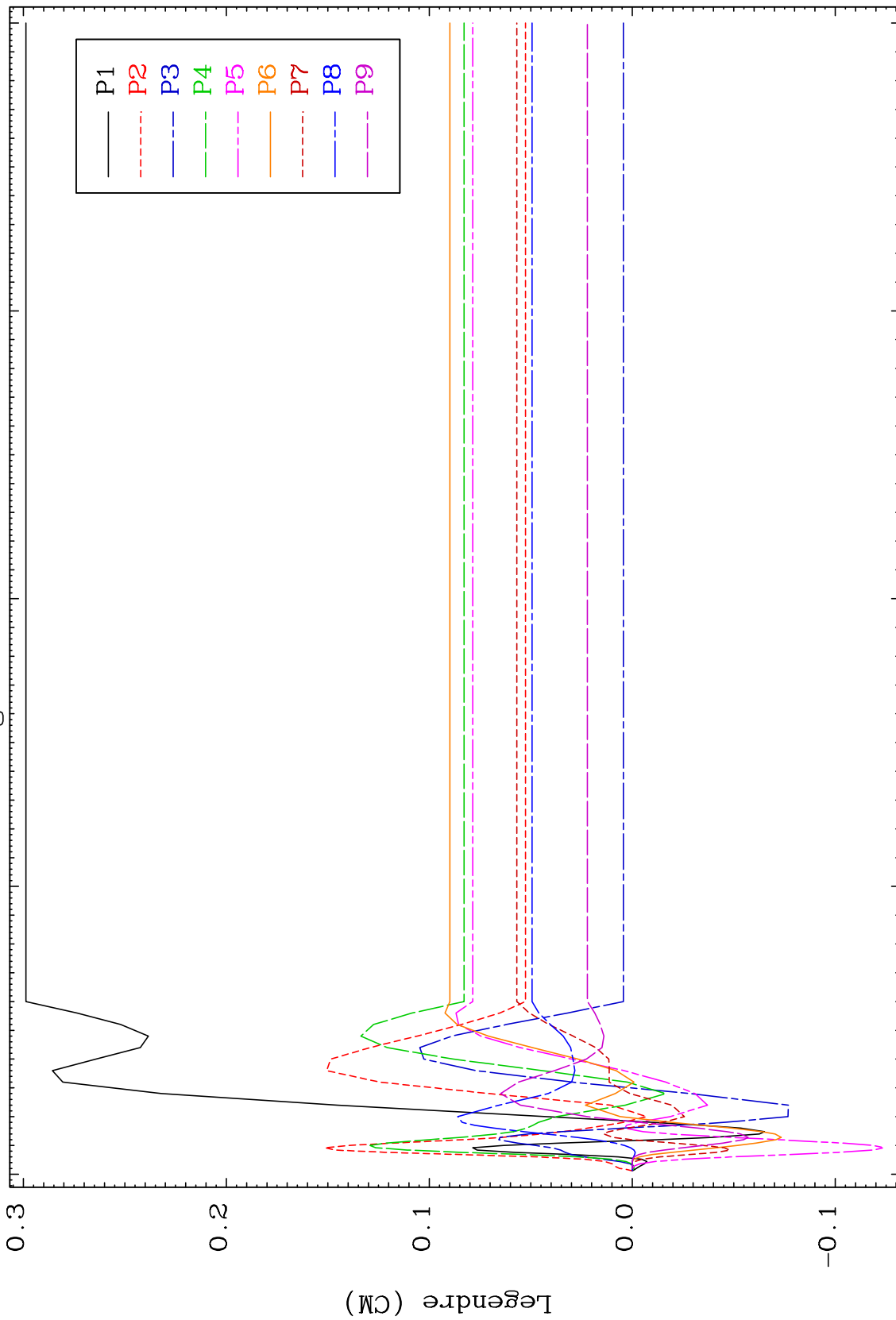


MAT 6692

MT= 73 (n,n') Level

67-Ho-154

Legendre Coefficients



98

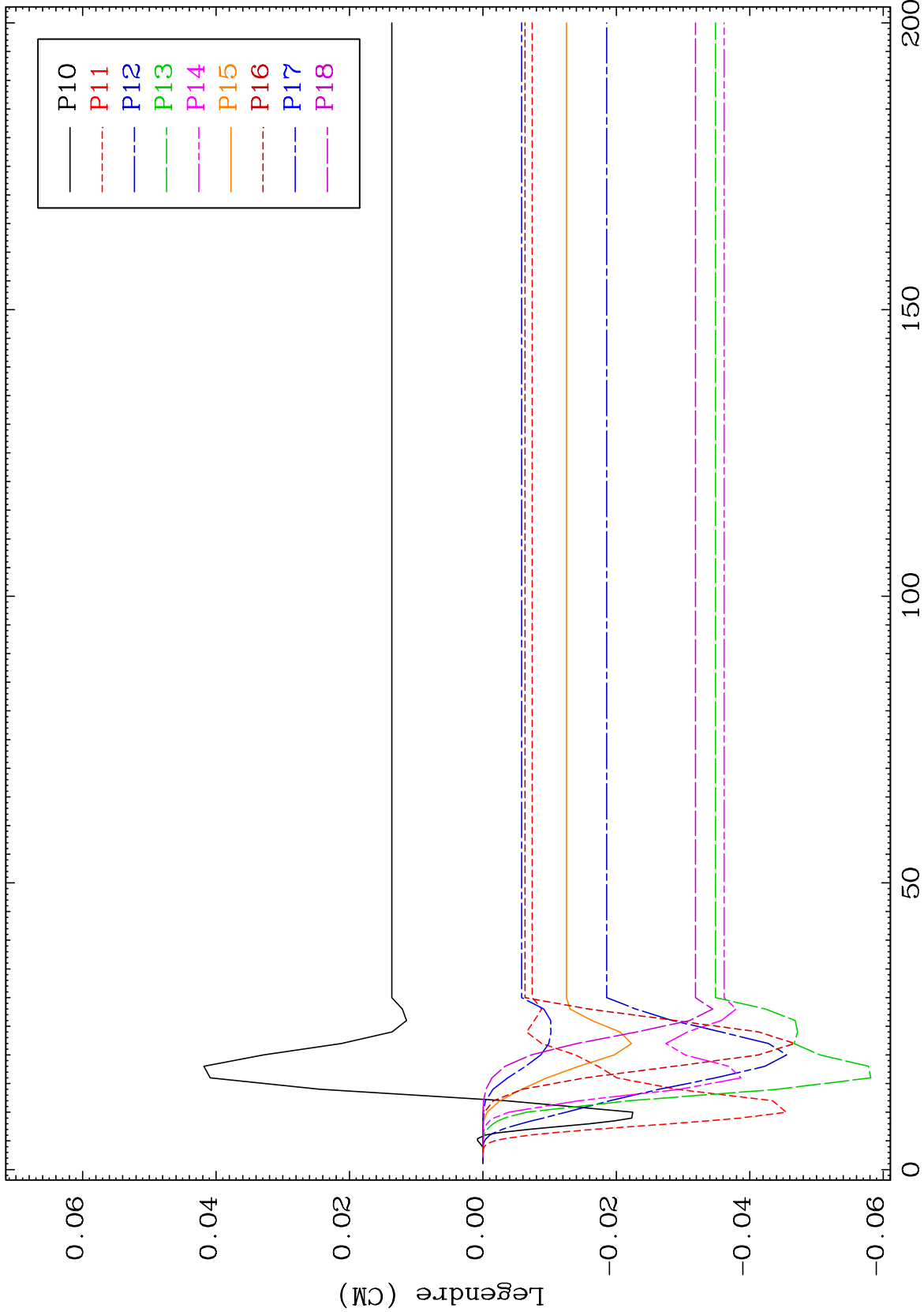
Incident Energy (MeV)

67-Ho-154

MAT 6692

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

67-Ho-154



99

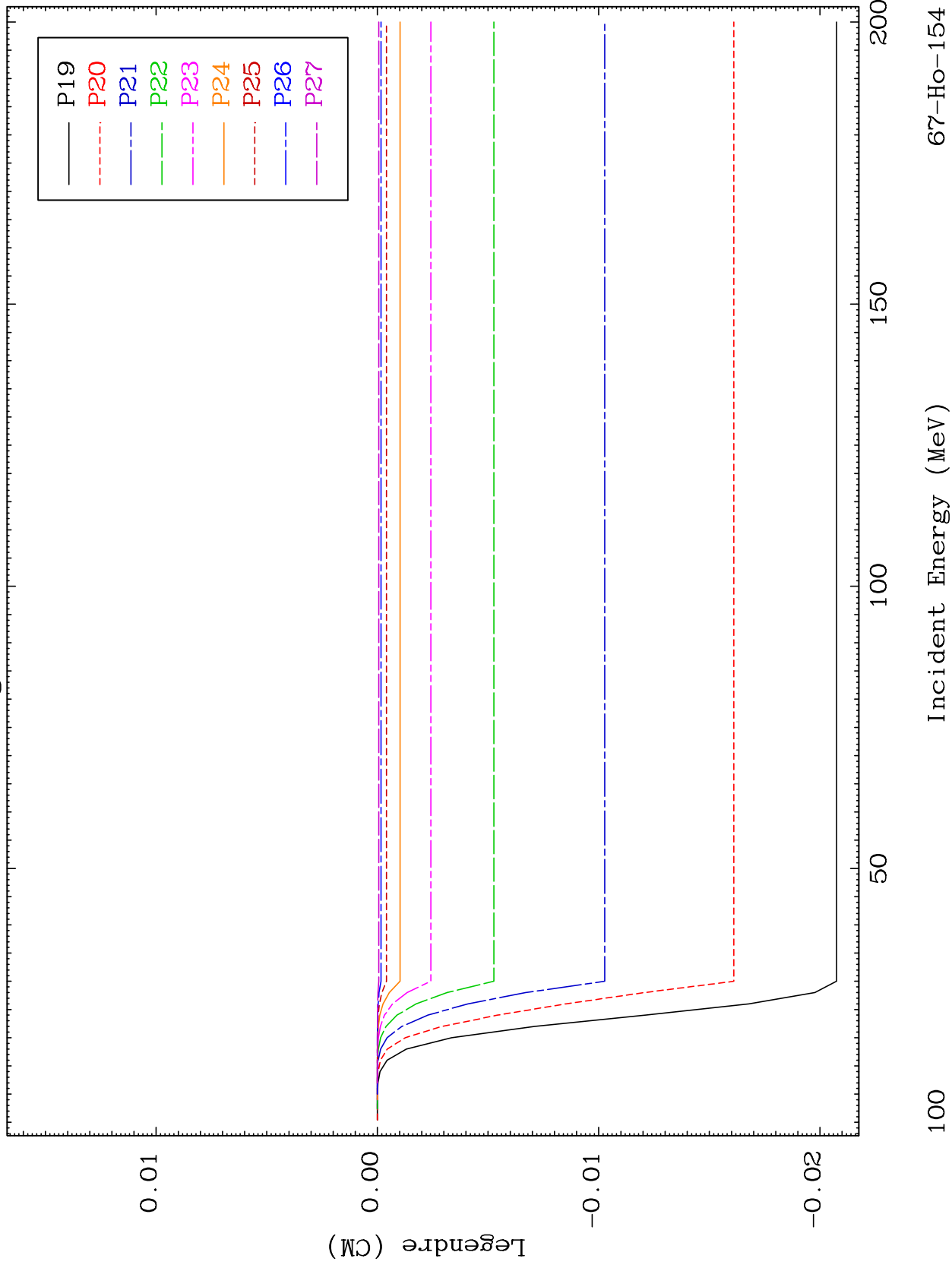
Incident Energy (MeV)

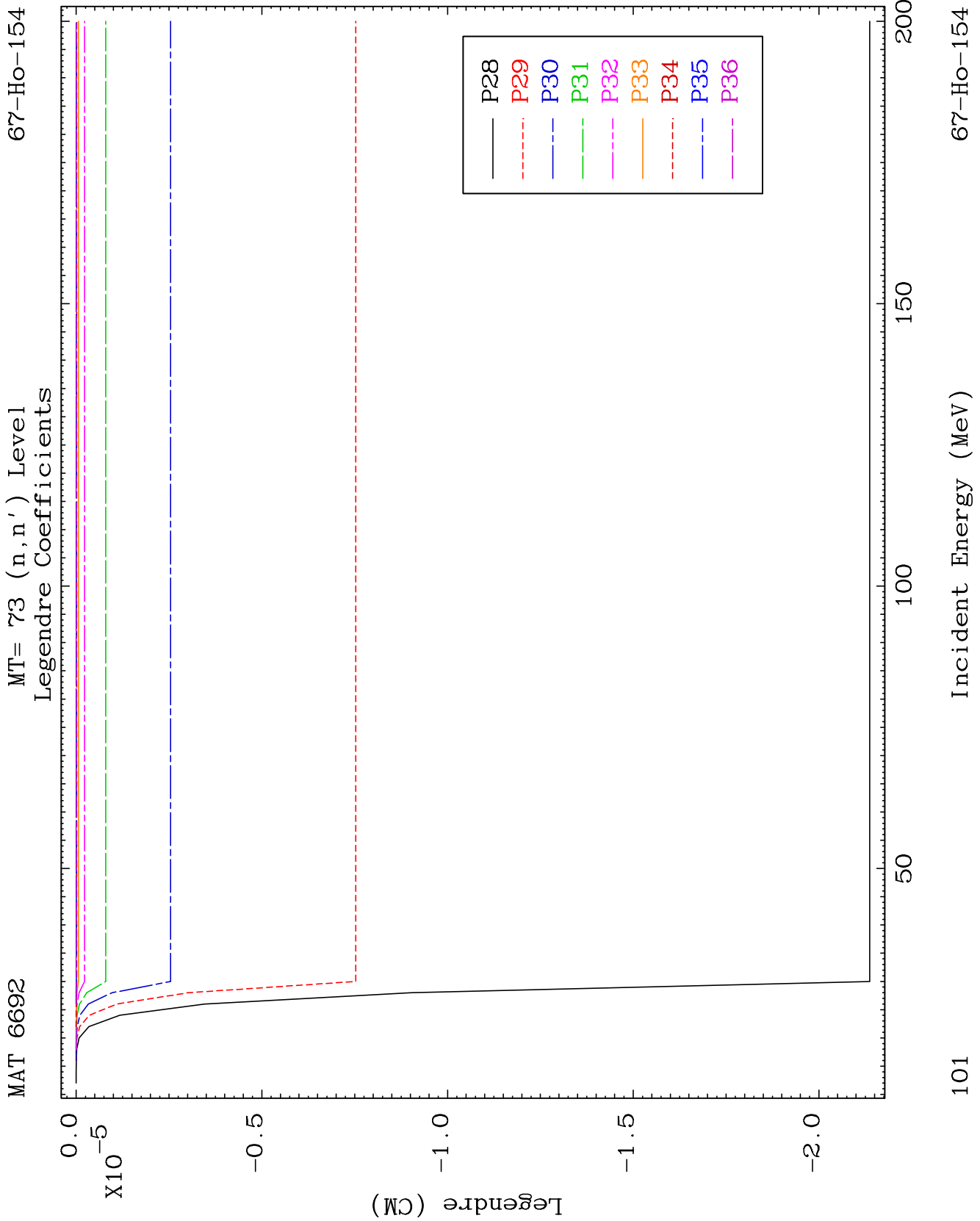
67-Ho-154

MAT 6692

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

67-Ho-154

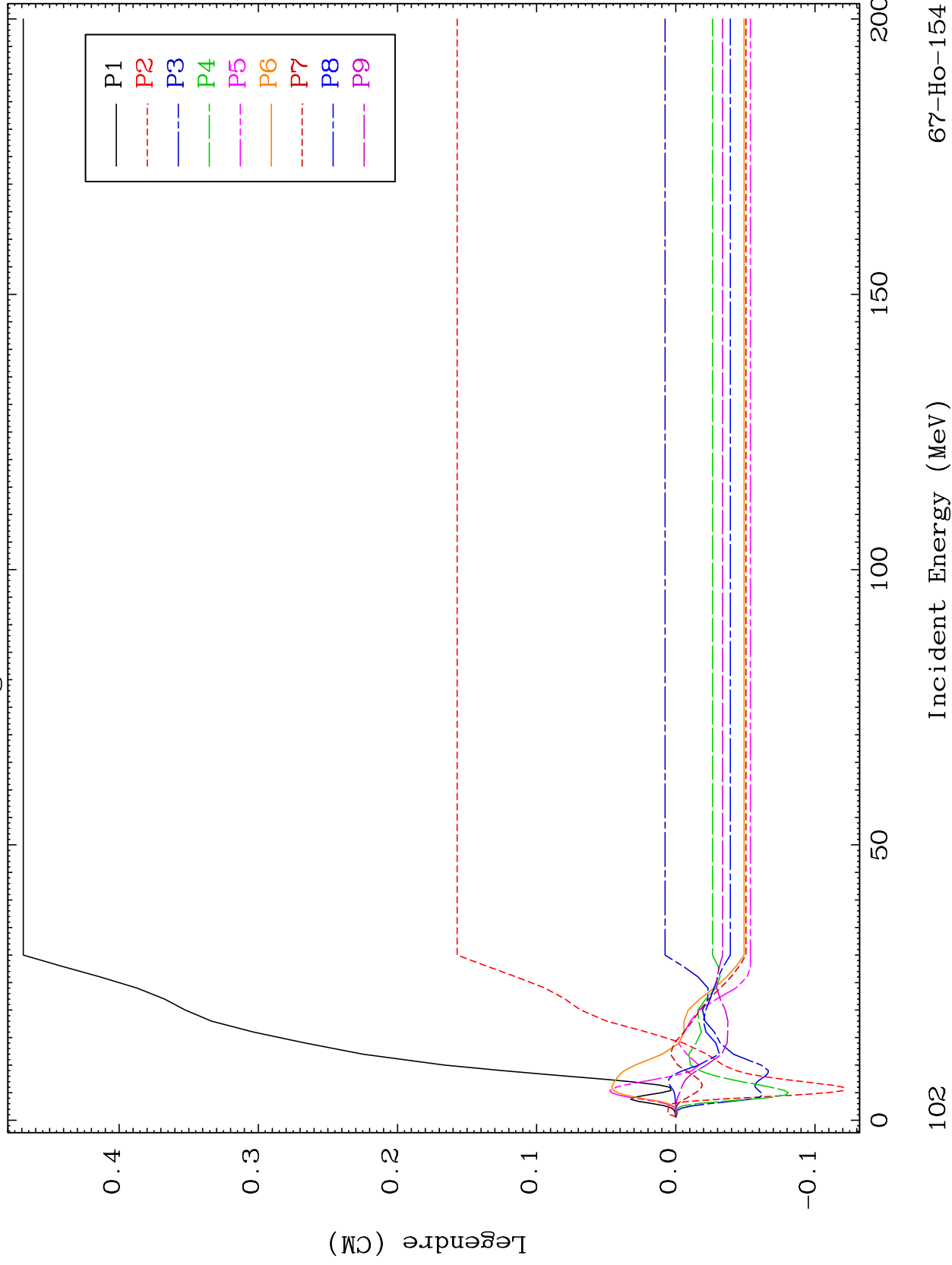




MAT 6692

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

67-Ho-154



67-Ho-154

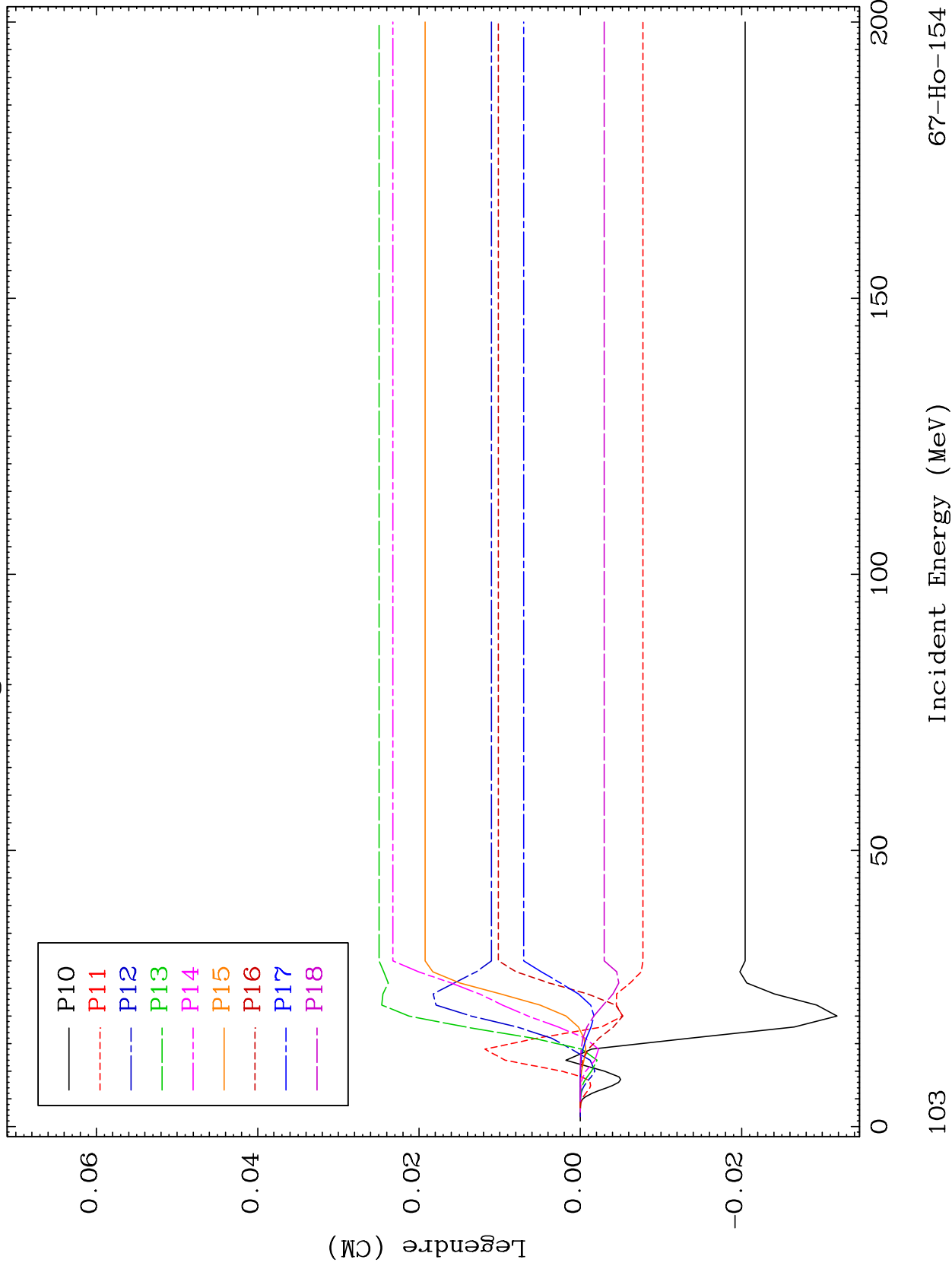
Incident Energy (MeV)

102

MAT 6692

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

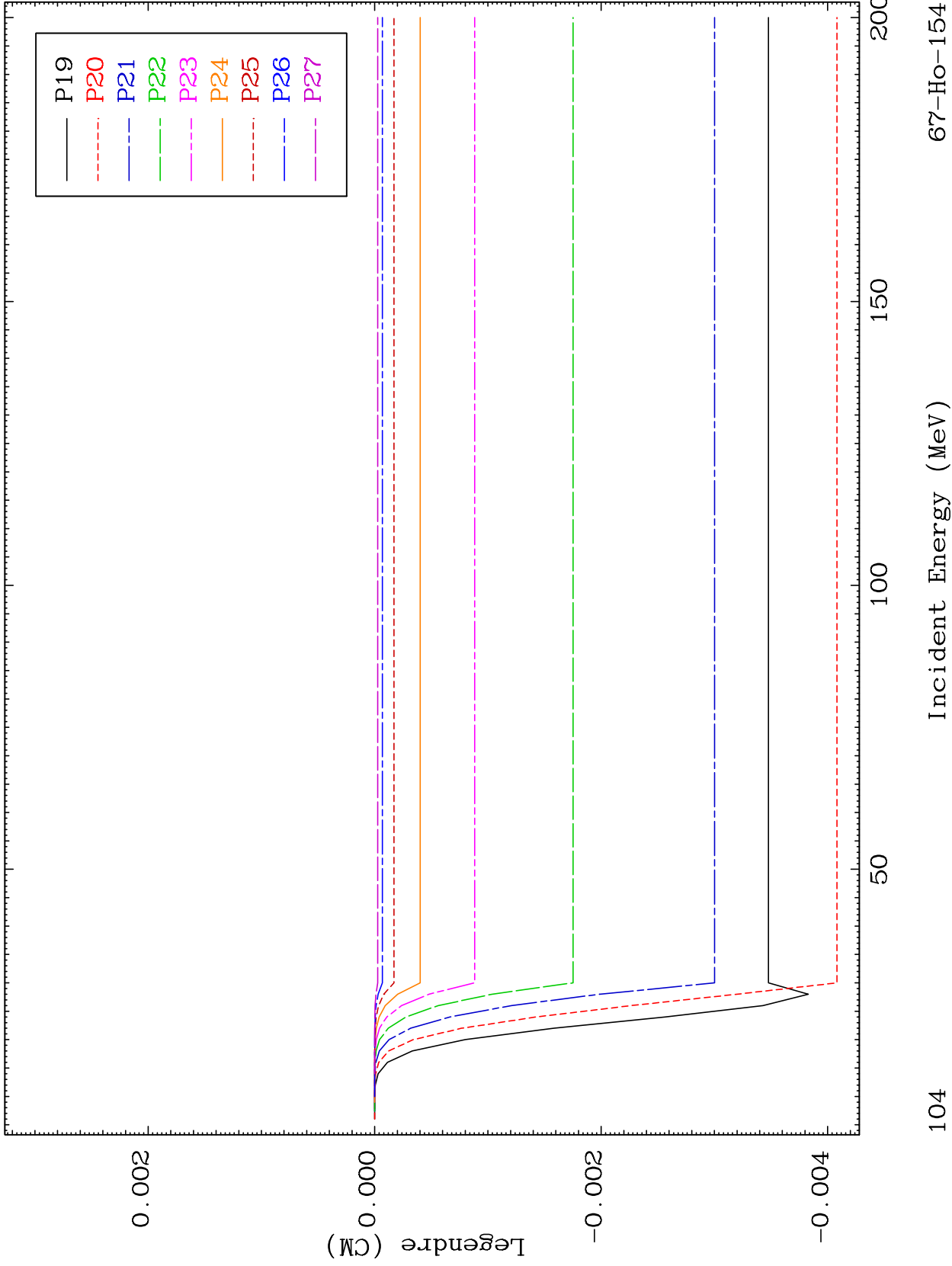
67-Ho-154



MAT 6692

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

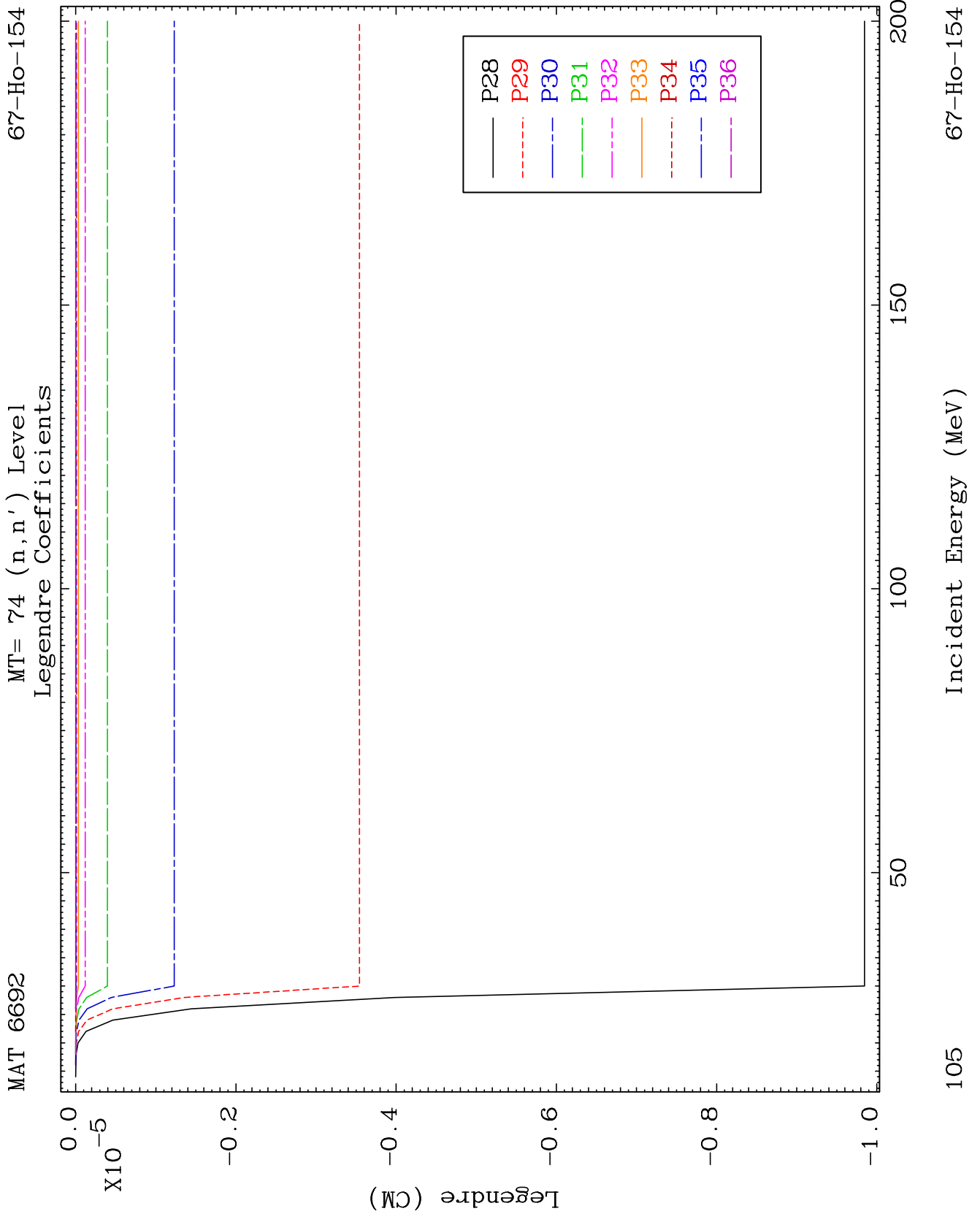
67-Ho-154



104

Incident Energy (MeV)

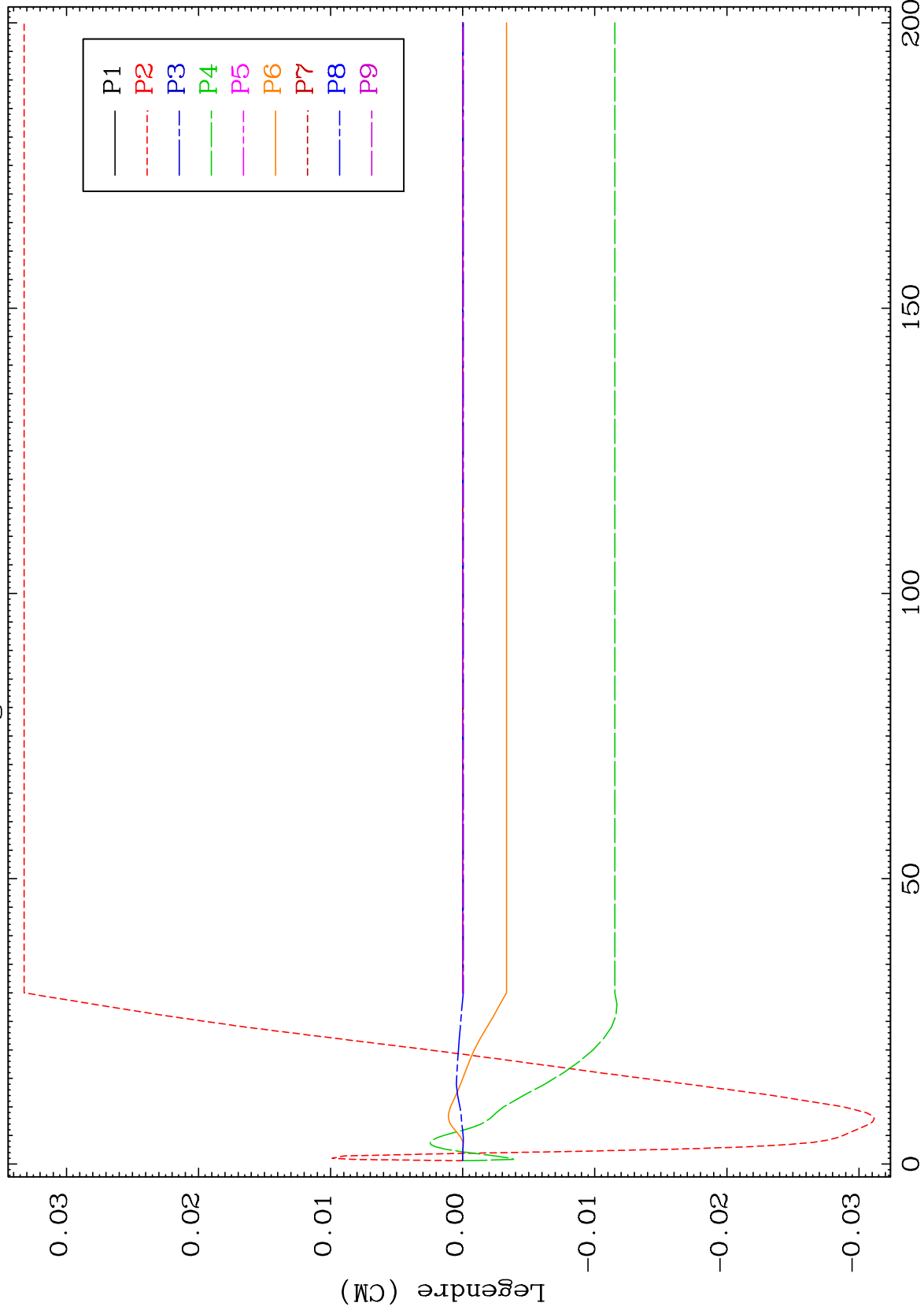
67-Ho-154



MAT 6692

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

67-Ho-154



106

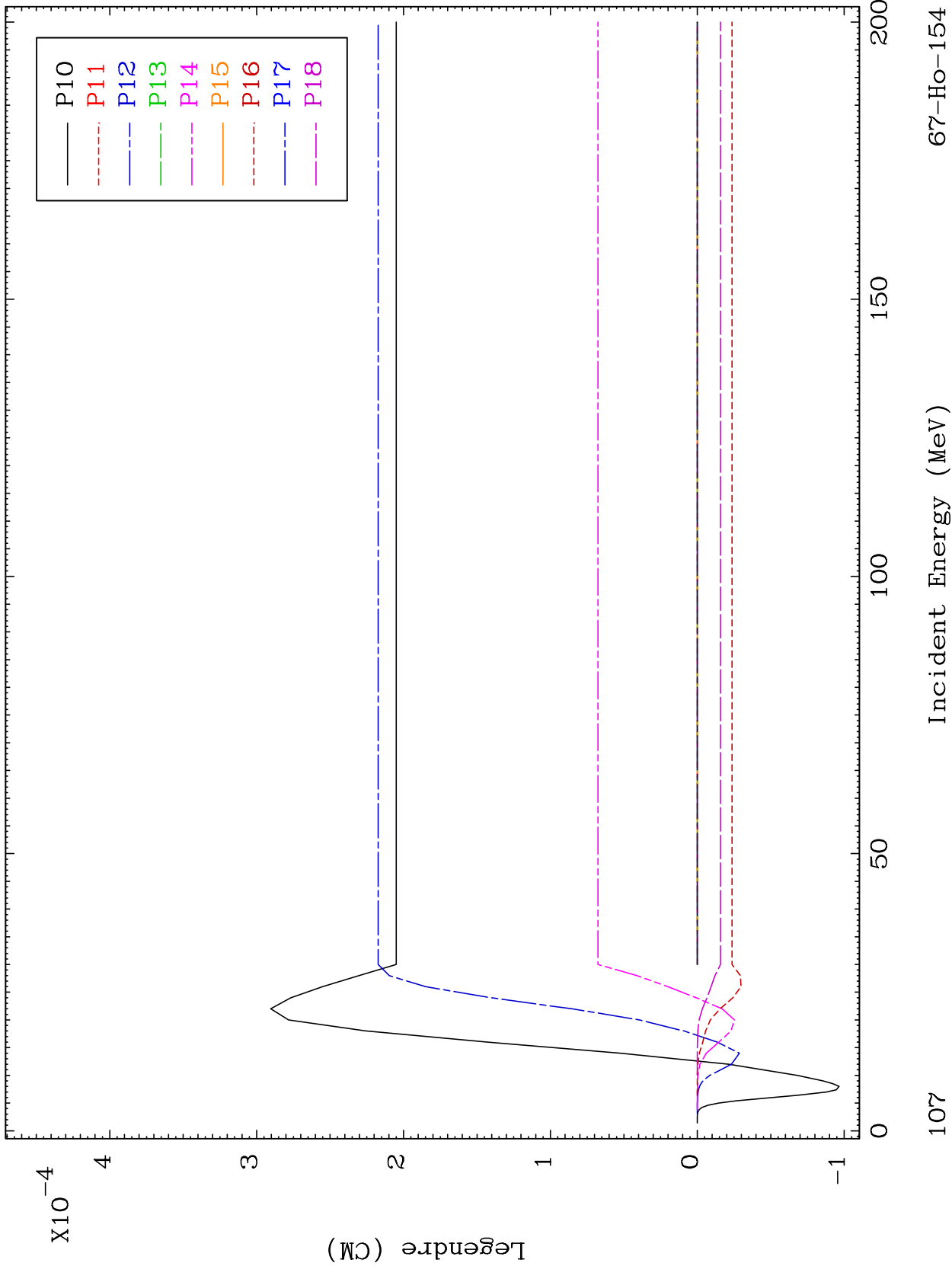
Incident Energy (MeV)

67-Ho-154

MAT 6692

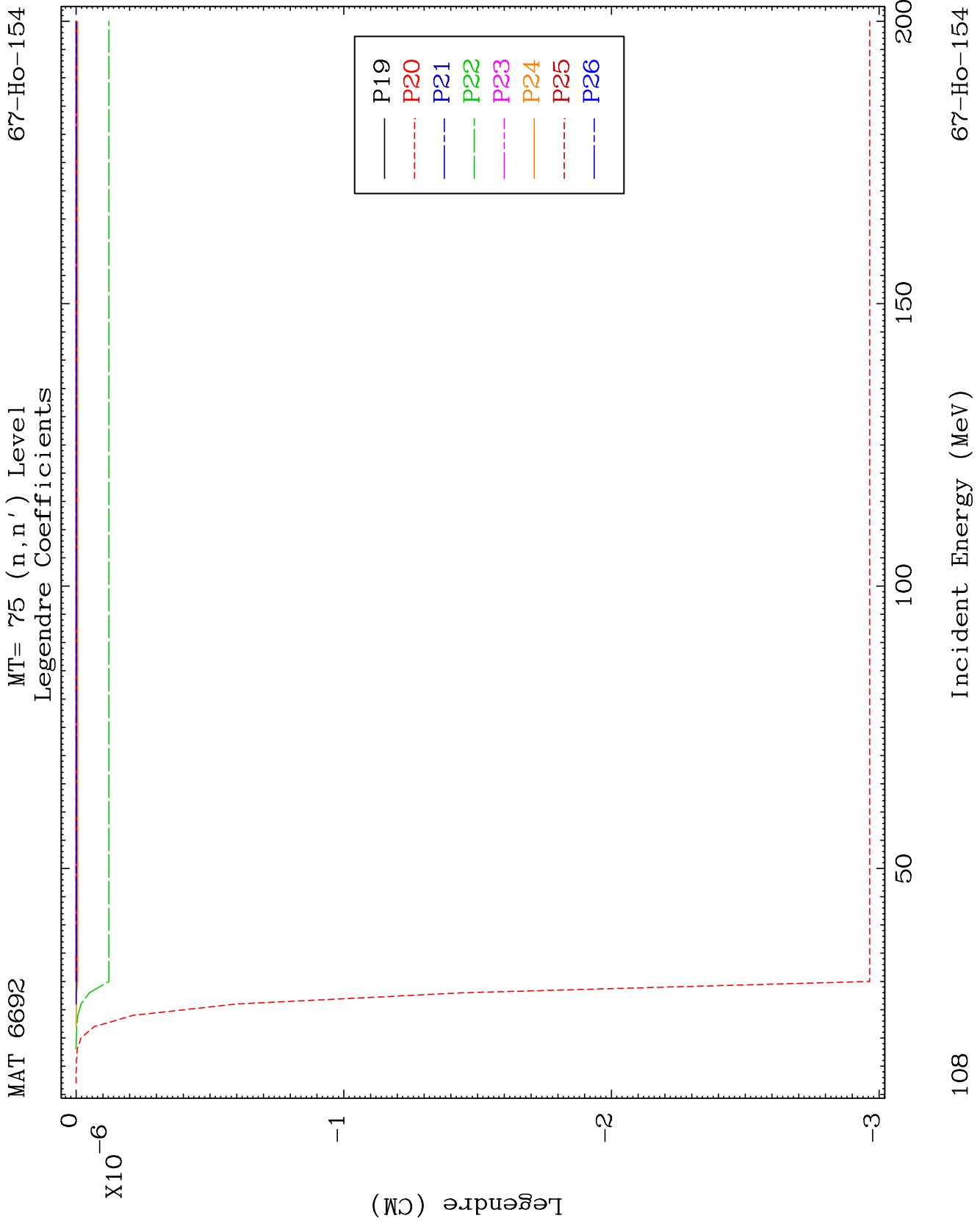
MT= 75 (n,n') Level
Legendre Coefficients

67-Ho-154



107

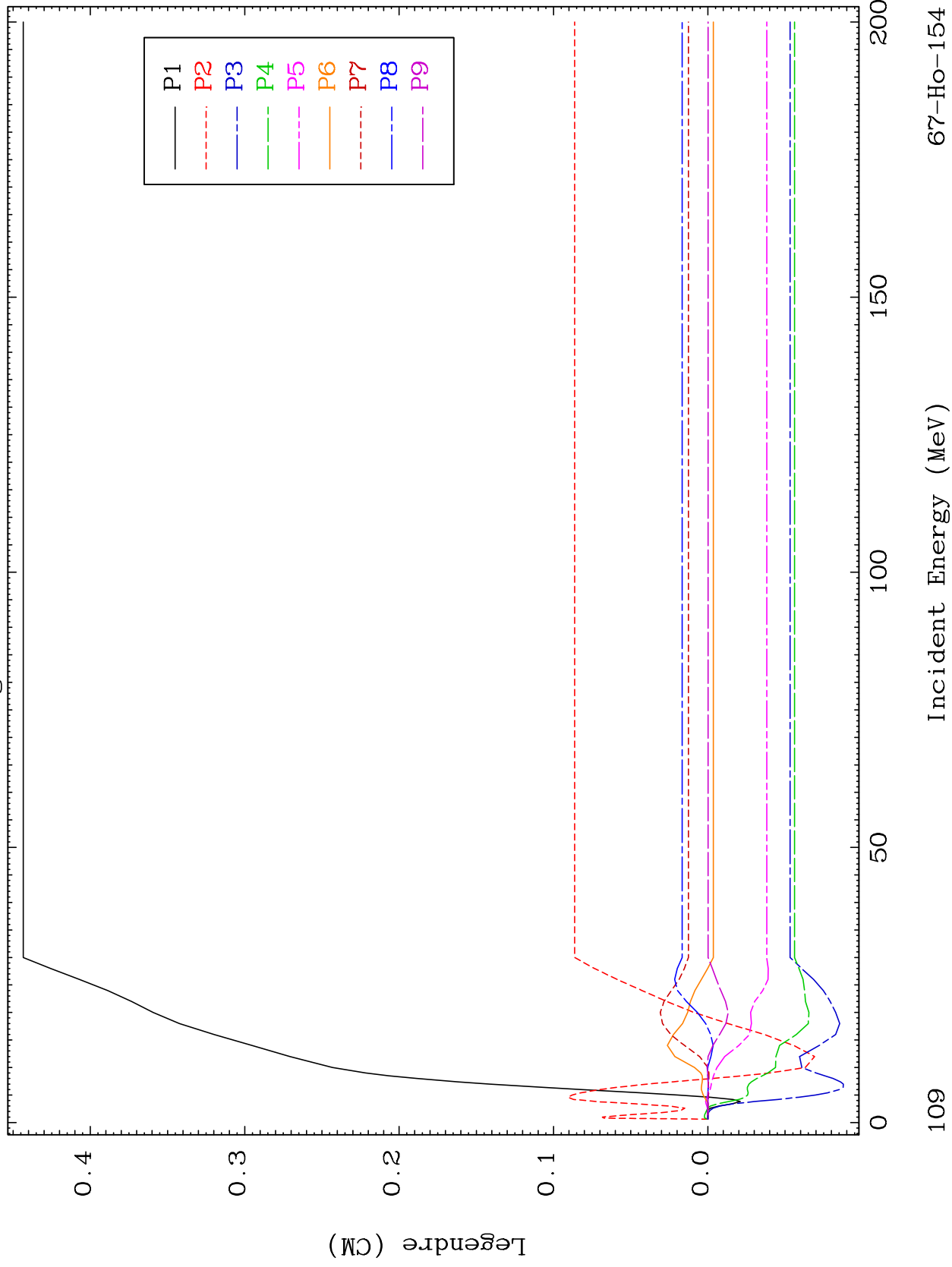
67-Ho-154



MAT 6692

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

67-Ho-154



67-Ho-154

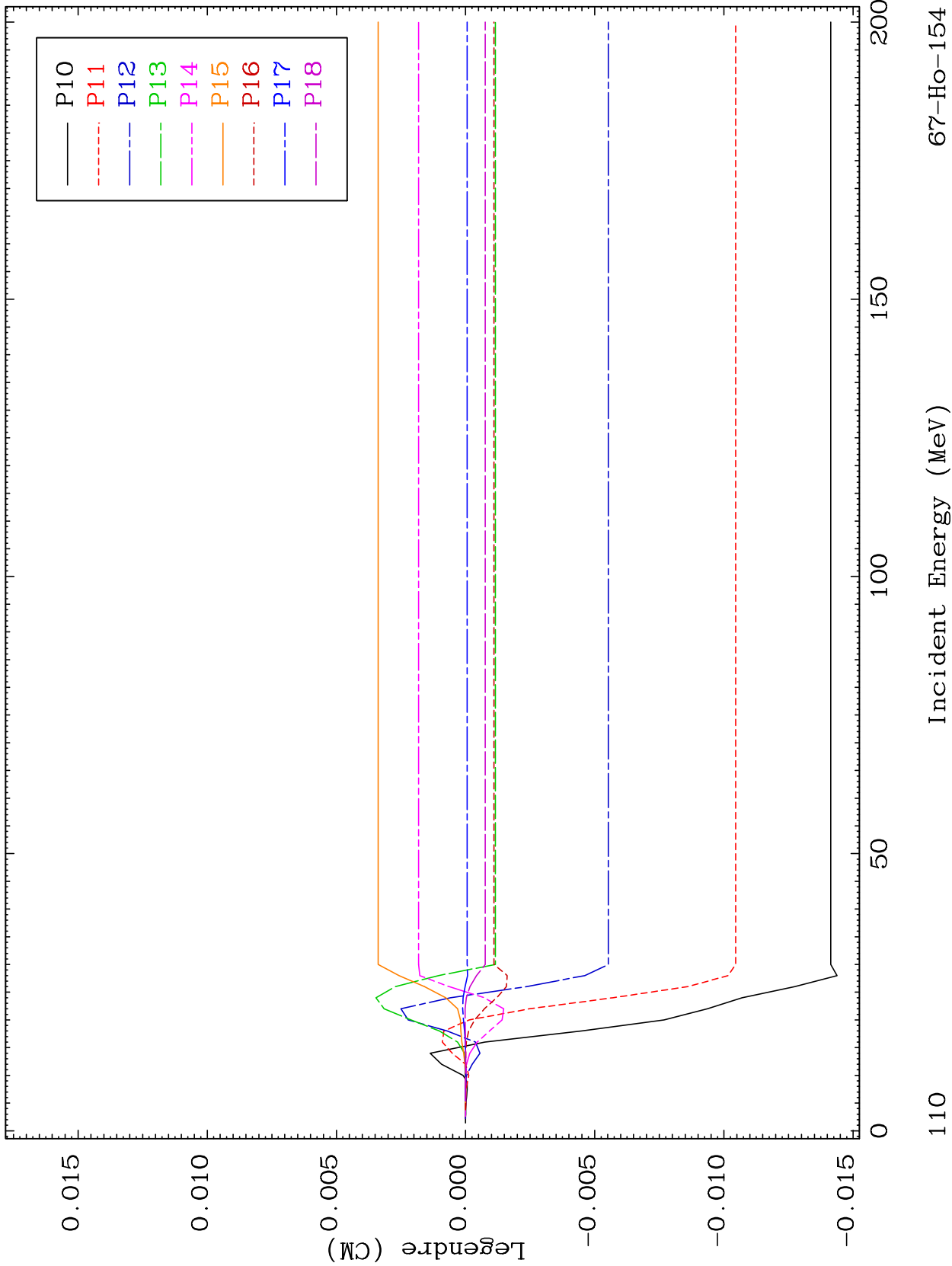
Incident Energy (MeV)

109

MAT 6692

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

67-Ho-154



67-Ho-154

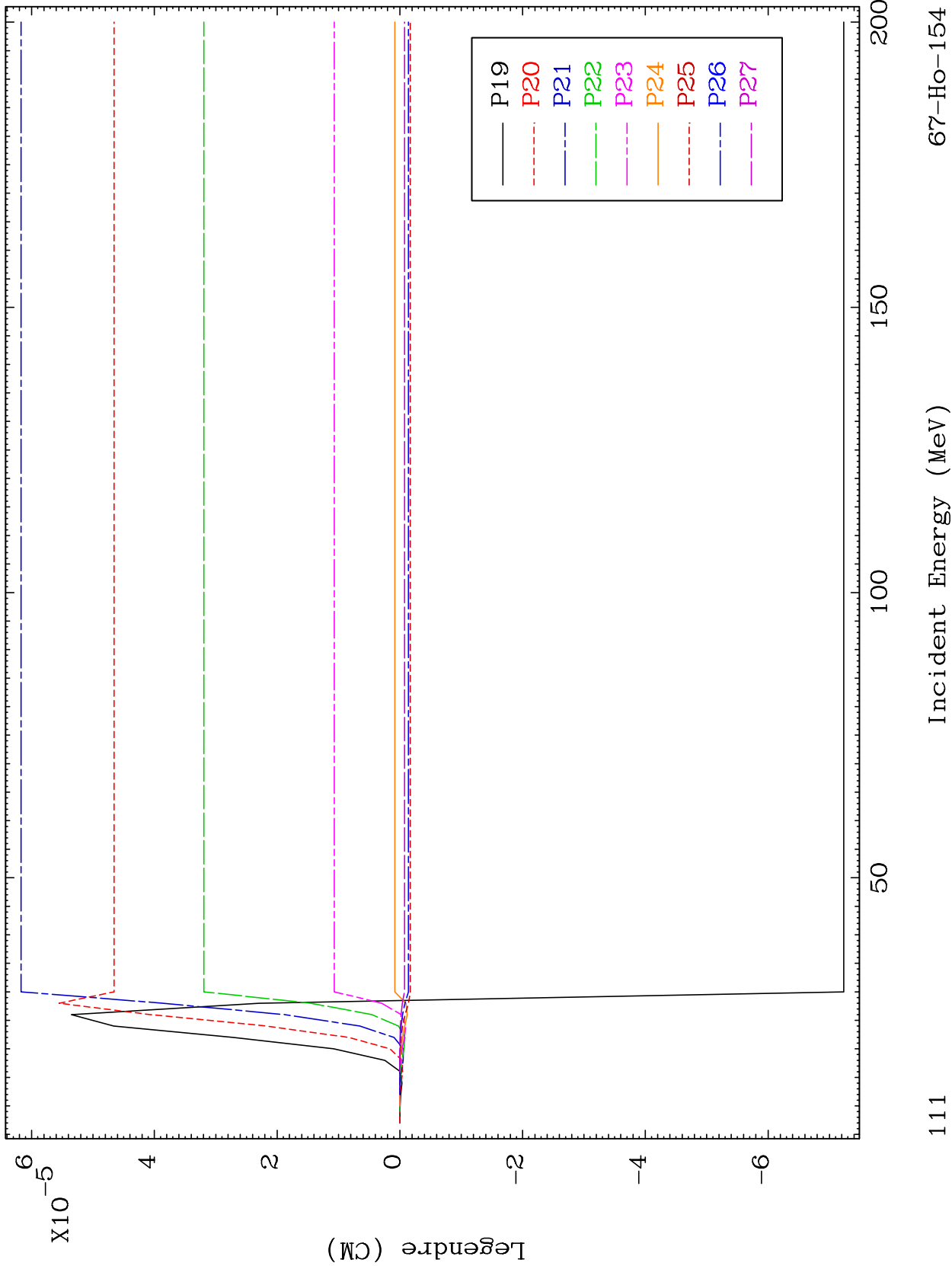
Incident Energy (MeV)

110

MAT 6692

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

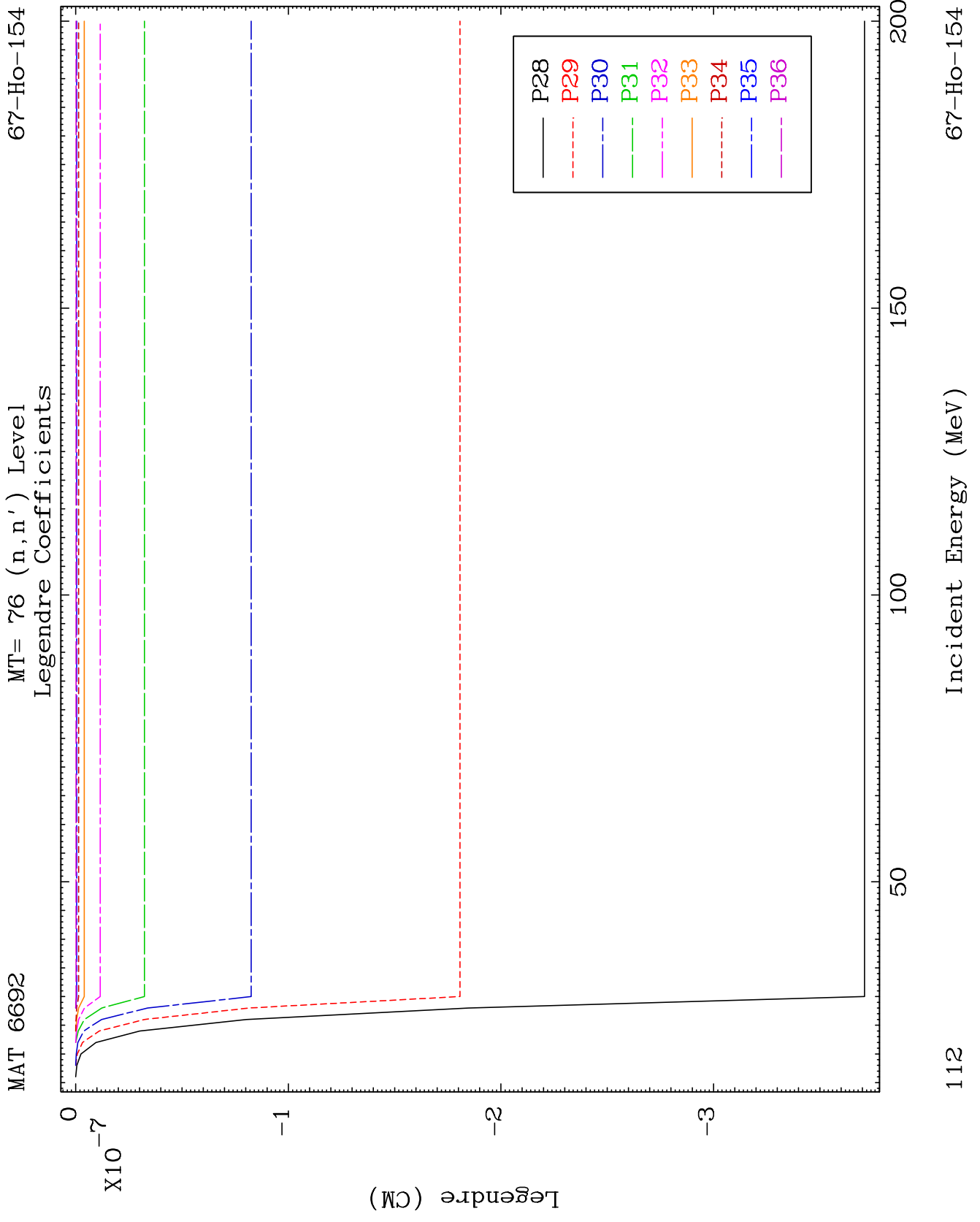
67-Ho-154



111

Incident Energy (MeV)

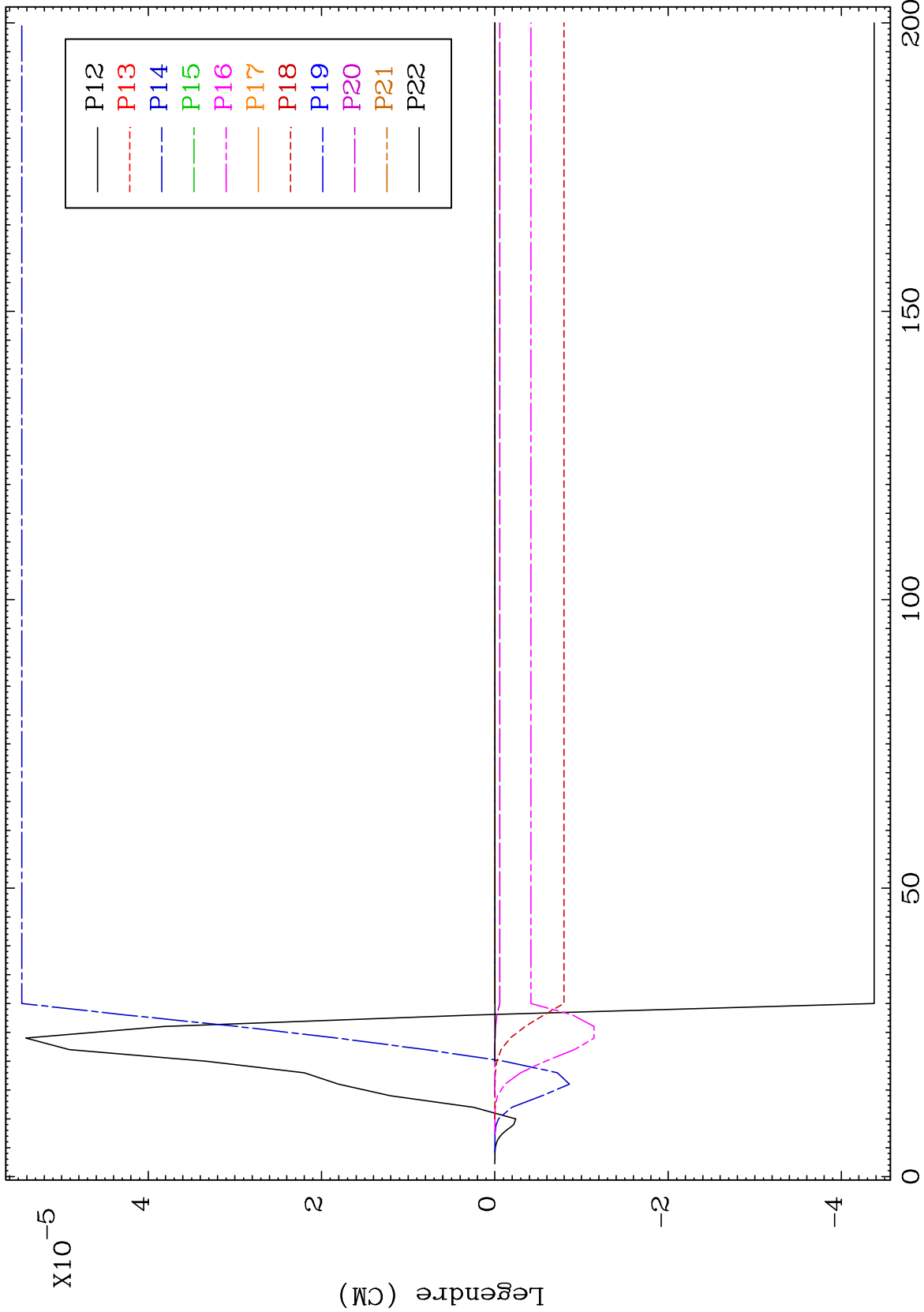
67-Ho-154



MAT 6692

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

67-Ho-154



114

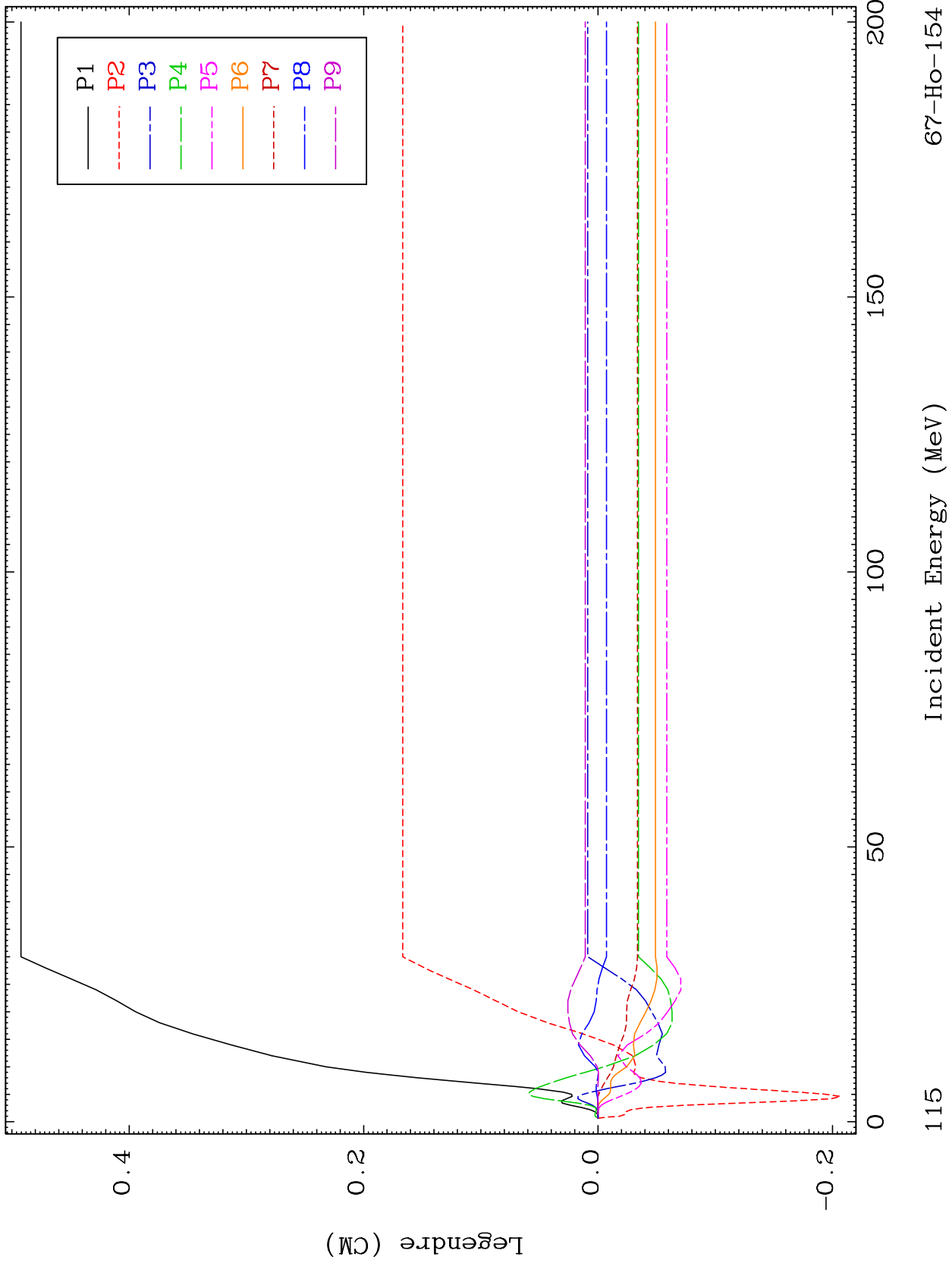
Incident Energy (MeV)

67-Ho-154

MAT 6692

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

67-Ho-154



67-Ho-154

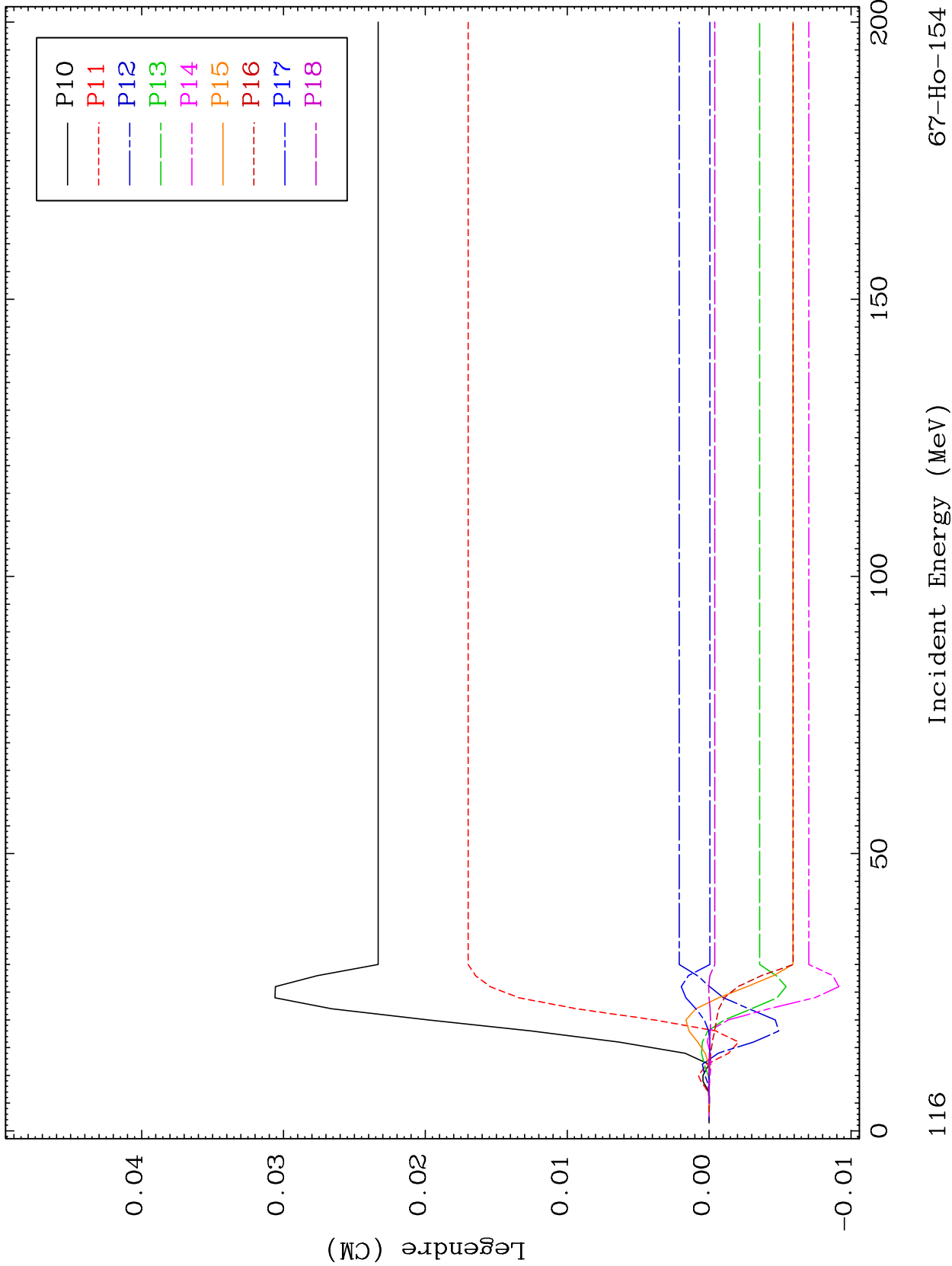
Incident Energy (MeV)

115

MAT 6692

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

67-Ho-154



67-Ho-154

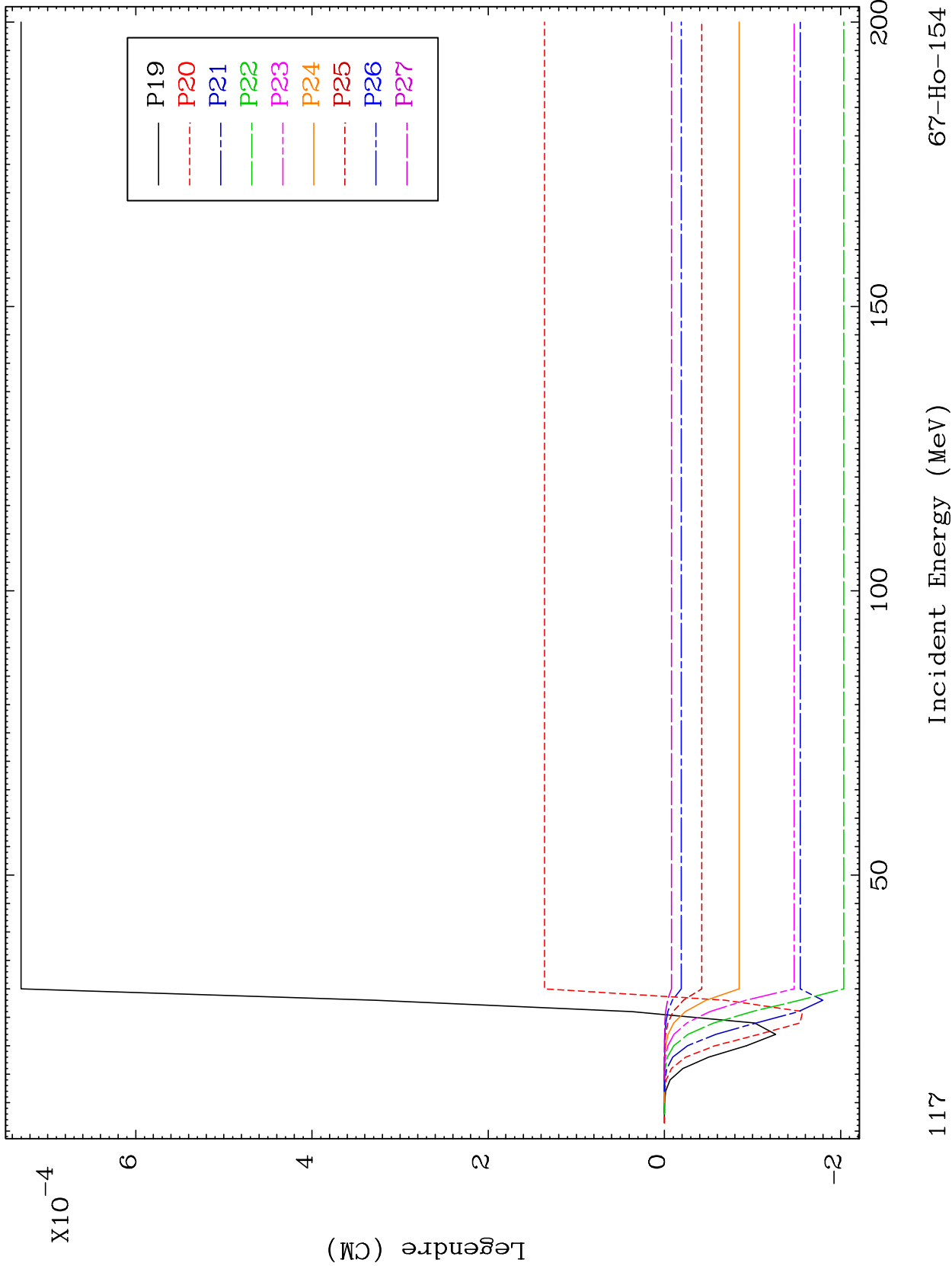
Incident Energy (MeV)

116

MAT 6692

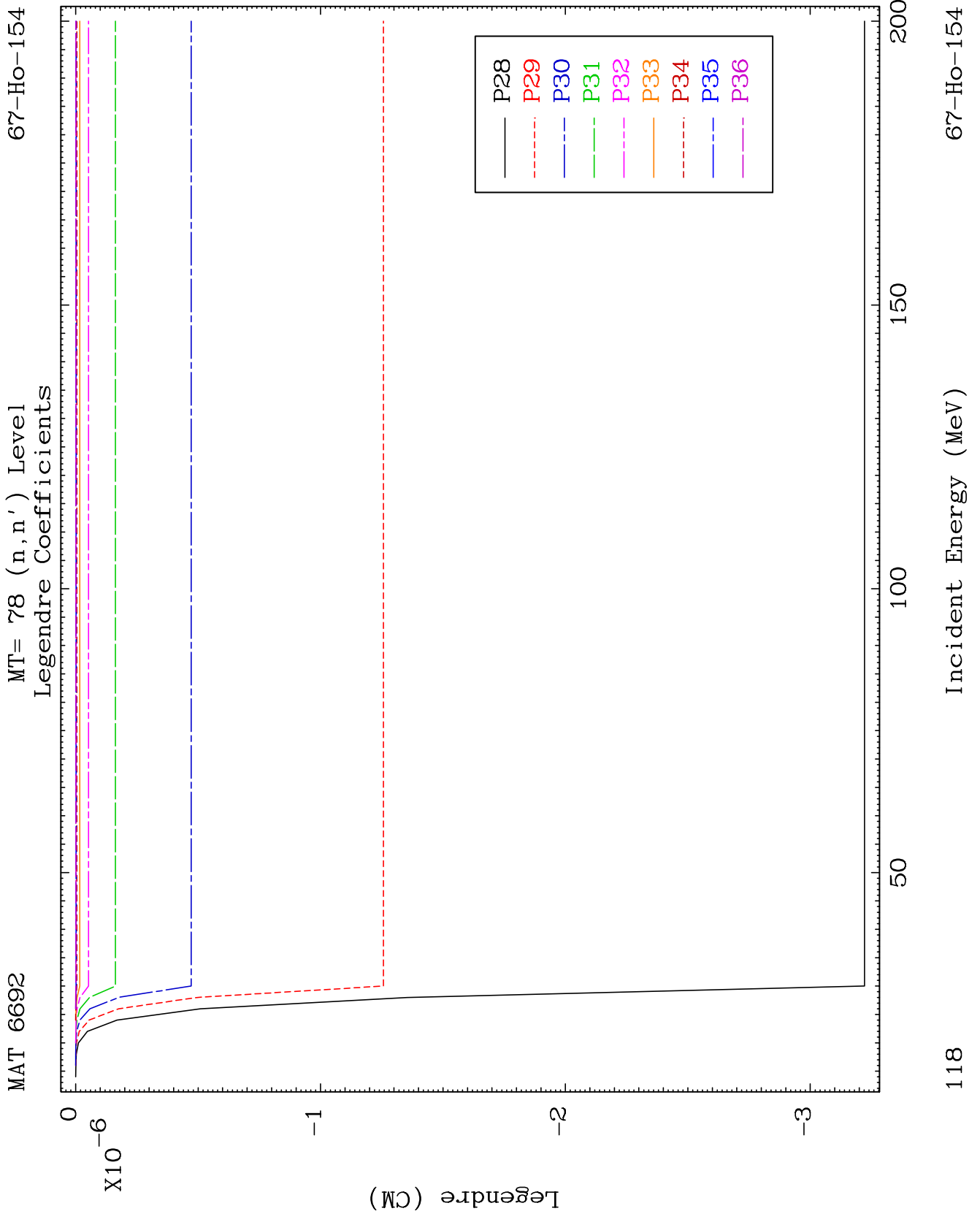
MT= 78 (n,n') Level
Legendre Coefficients

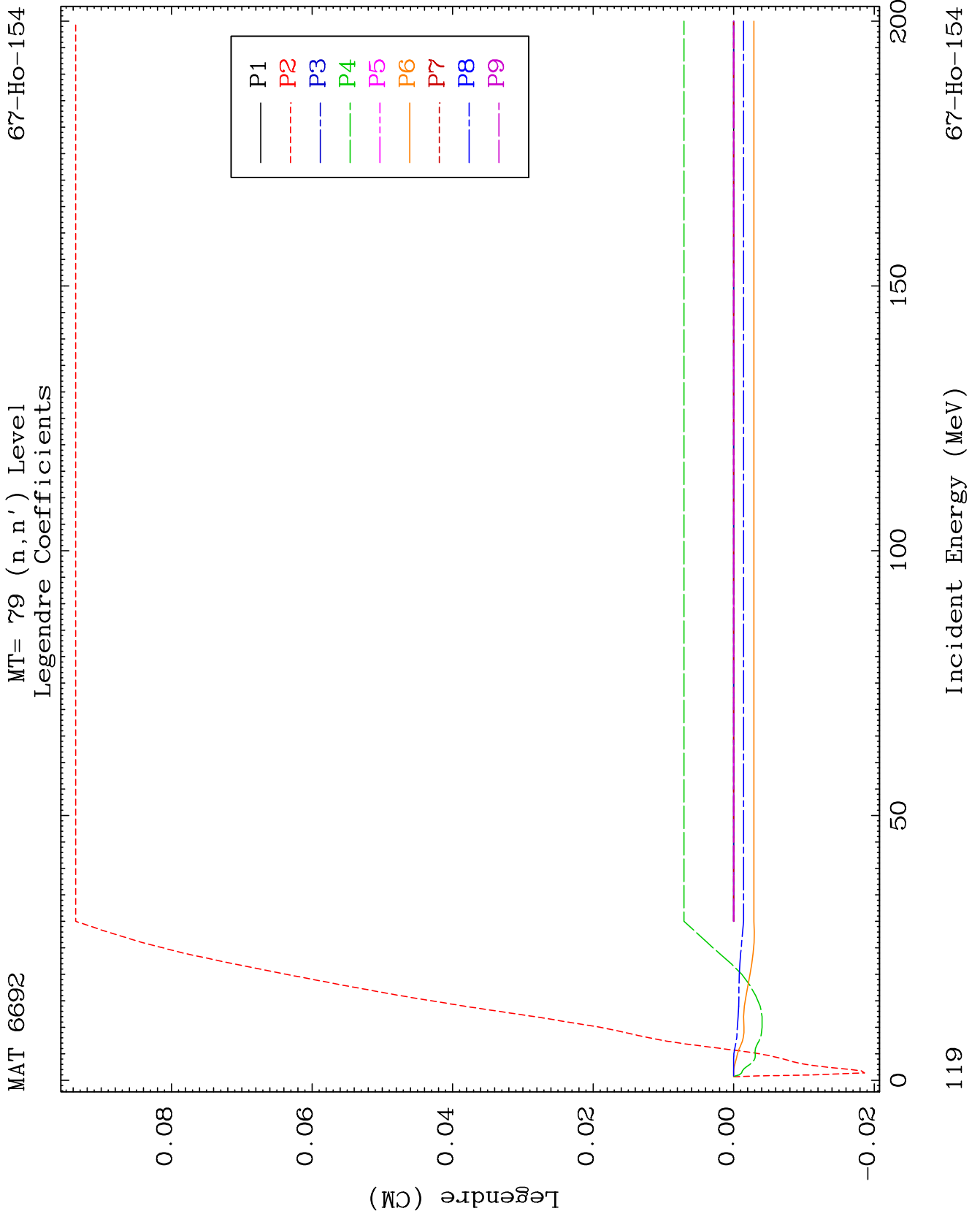
67-Ho-154



117

67-Ho-154

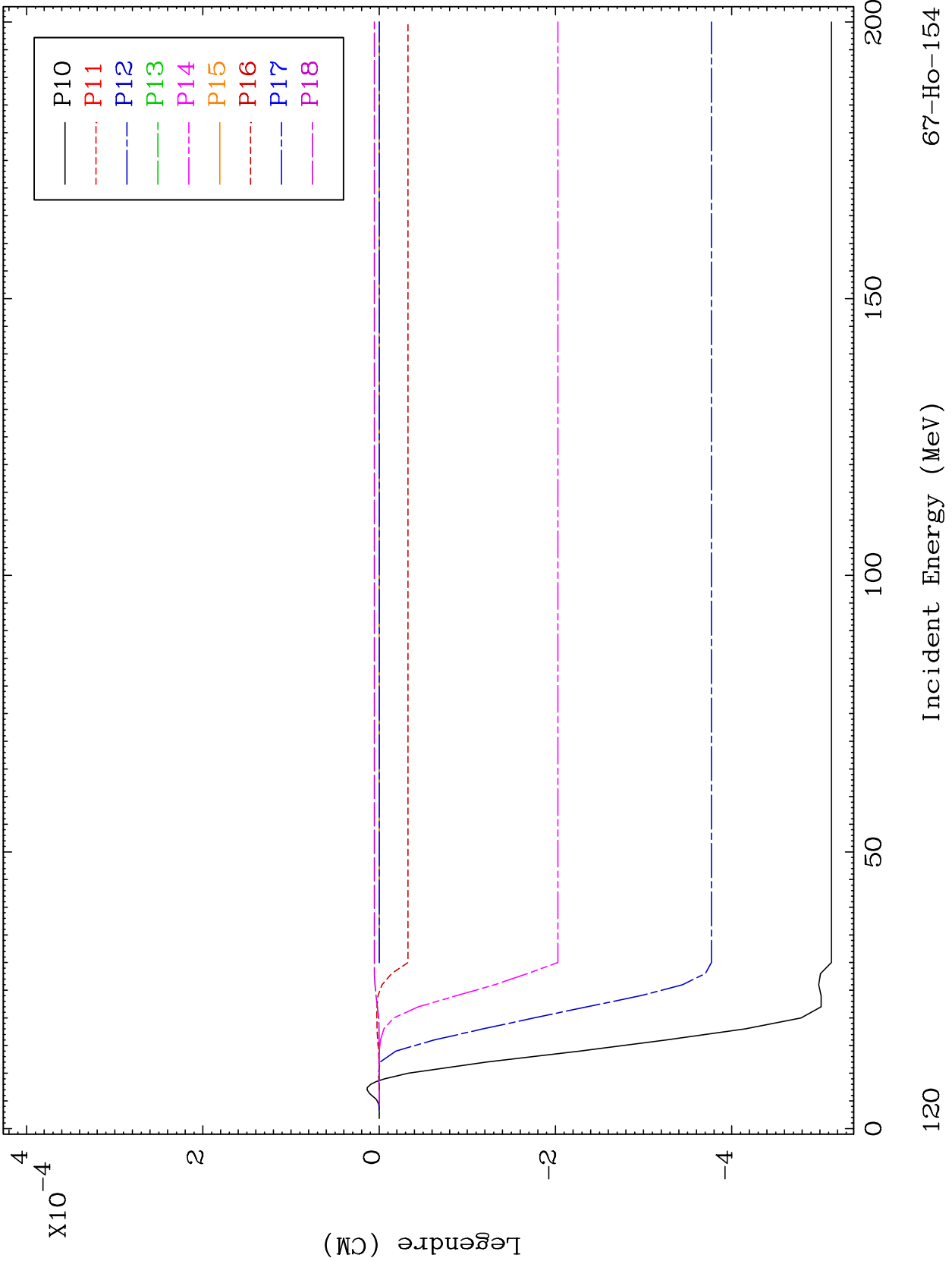




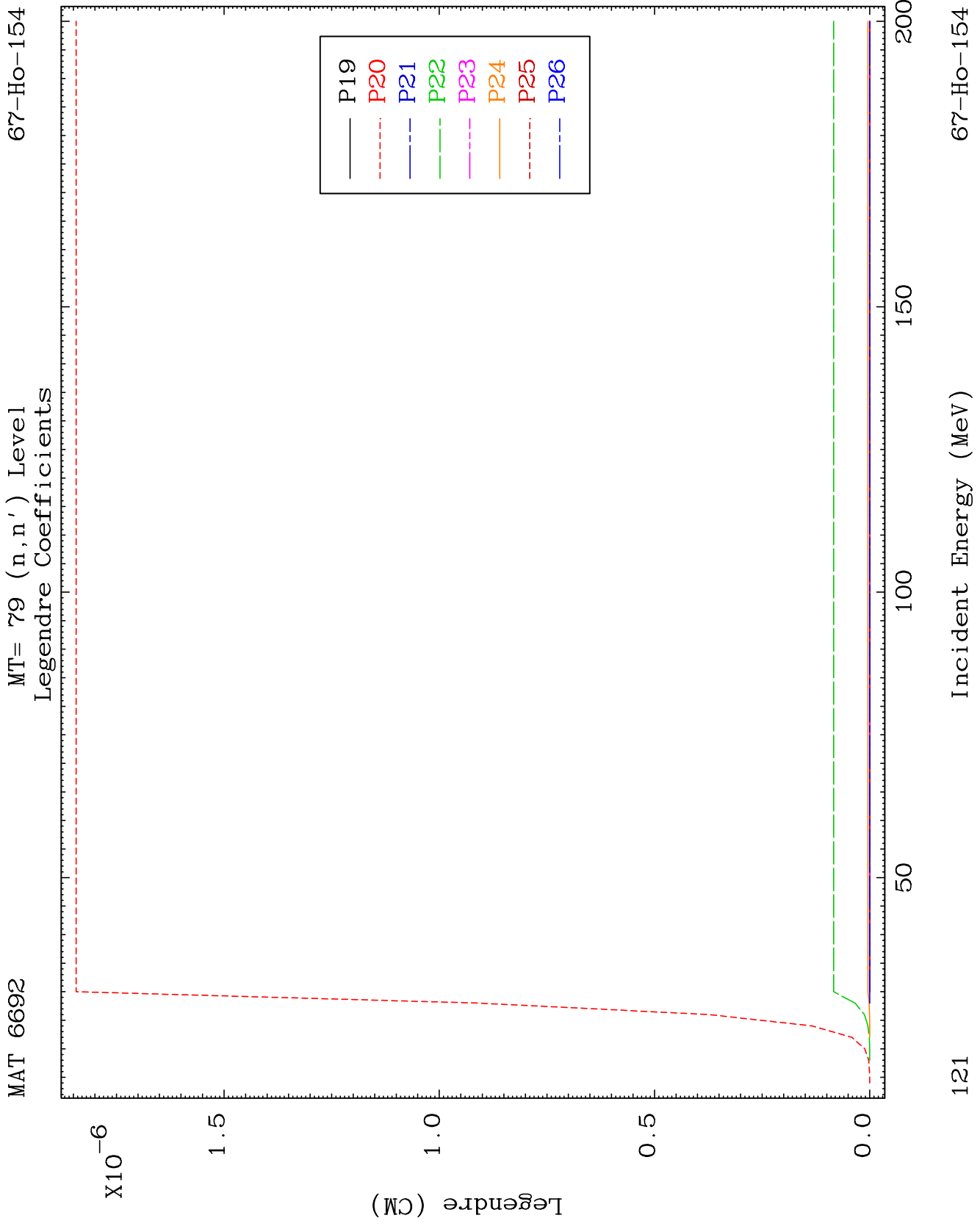
MAT 6692

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

67-Ho-154



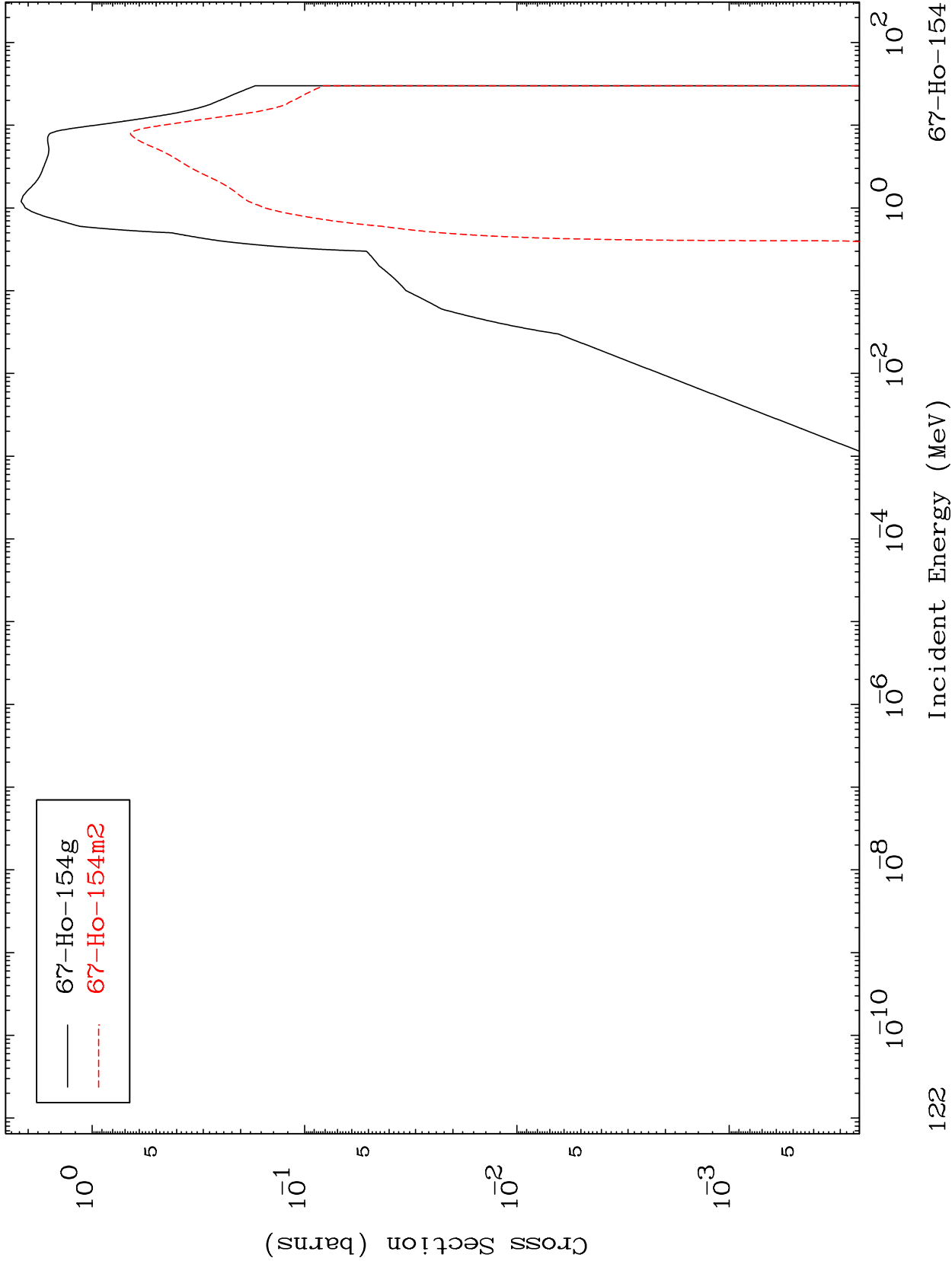
67-Ho-154



MAT 6692

Radionuclide Production Cross Section

67-Ho-154

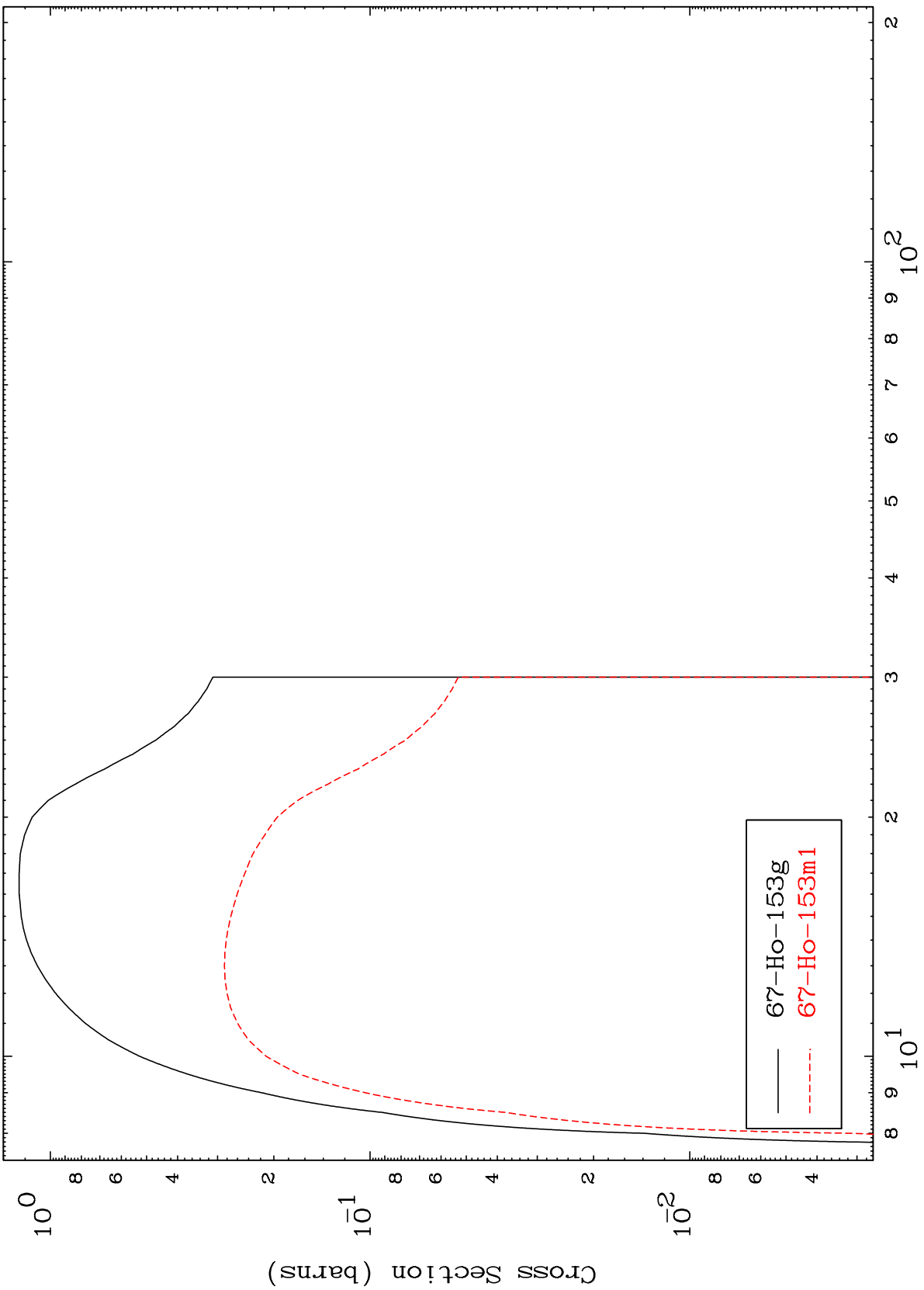


67-Ho-154g
67-Ho-154m2

MAT 6692

67-Ho-154

(n,2n)
Radionuclide Production Cross Section



— 67-Ho-153g
- - - 67-Ho-153m1

67-Ho-154

Incident Energy (MeV)

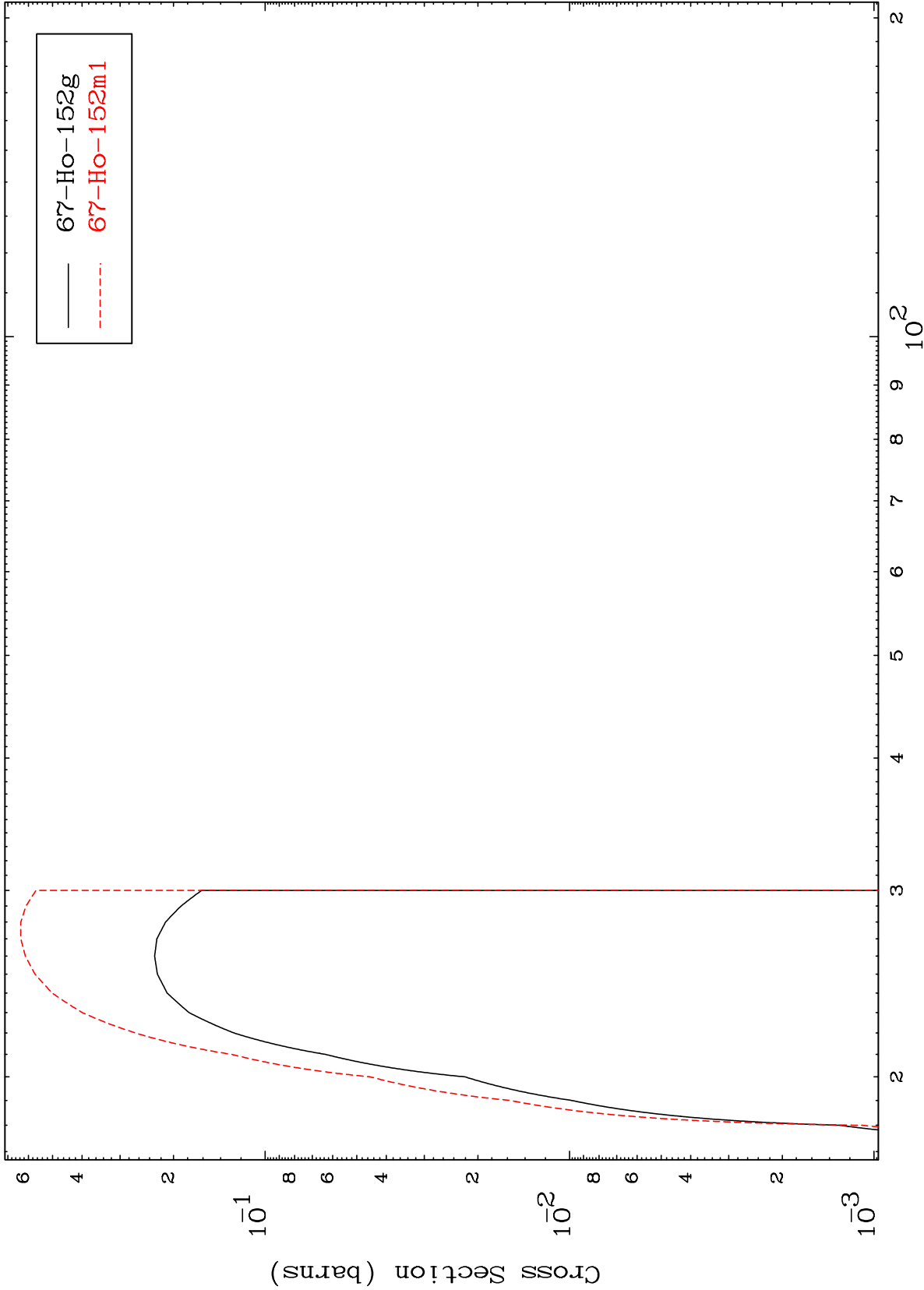
123

MAT 6692

(n,3n)

67-Ho-154

Radionuclide Production Cross Section



124

Incident Energy (MeV)

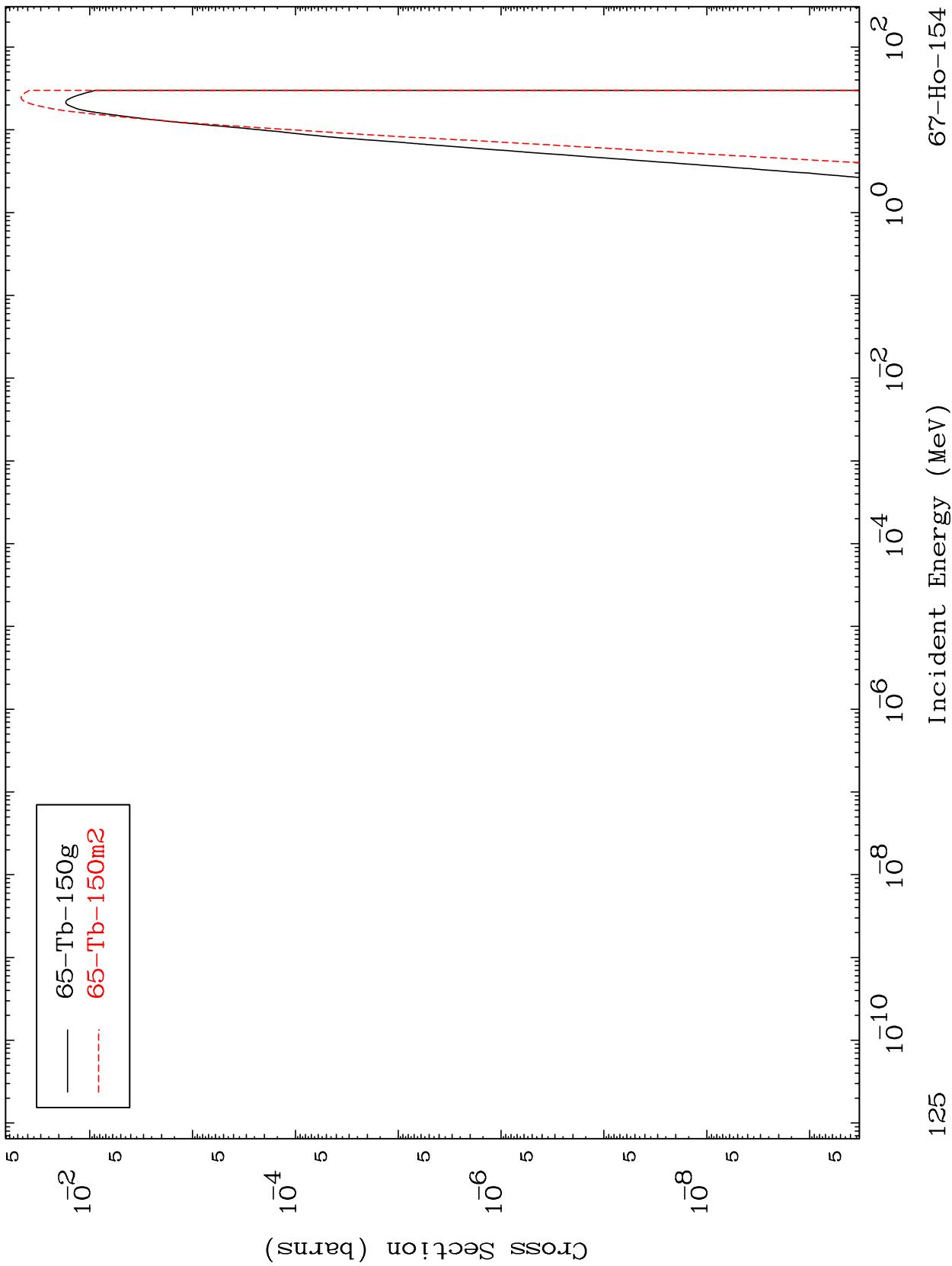
67-Ho-154

MAT 6692

$(n, n') \alpha$

67-Ho-154

Radionuclide Production Cross Section



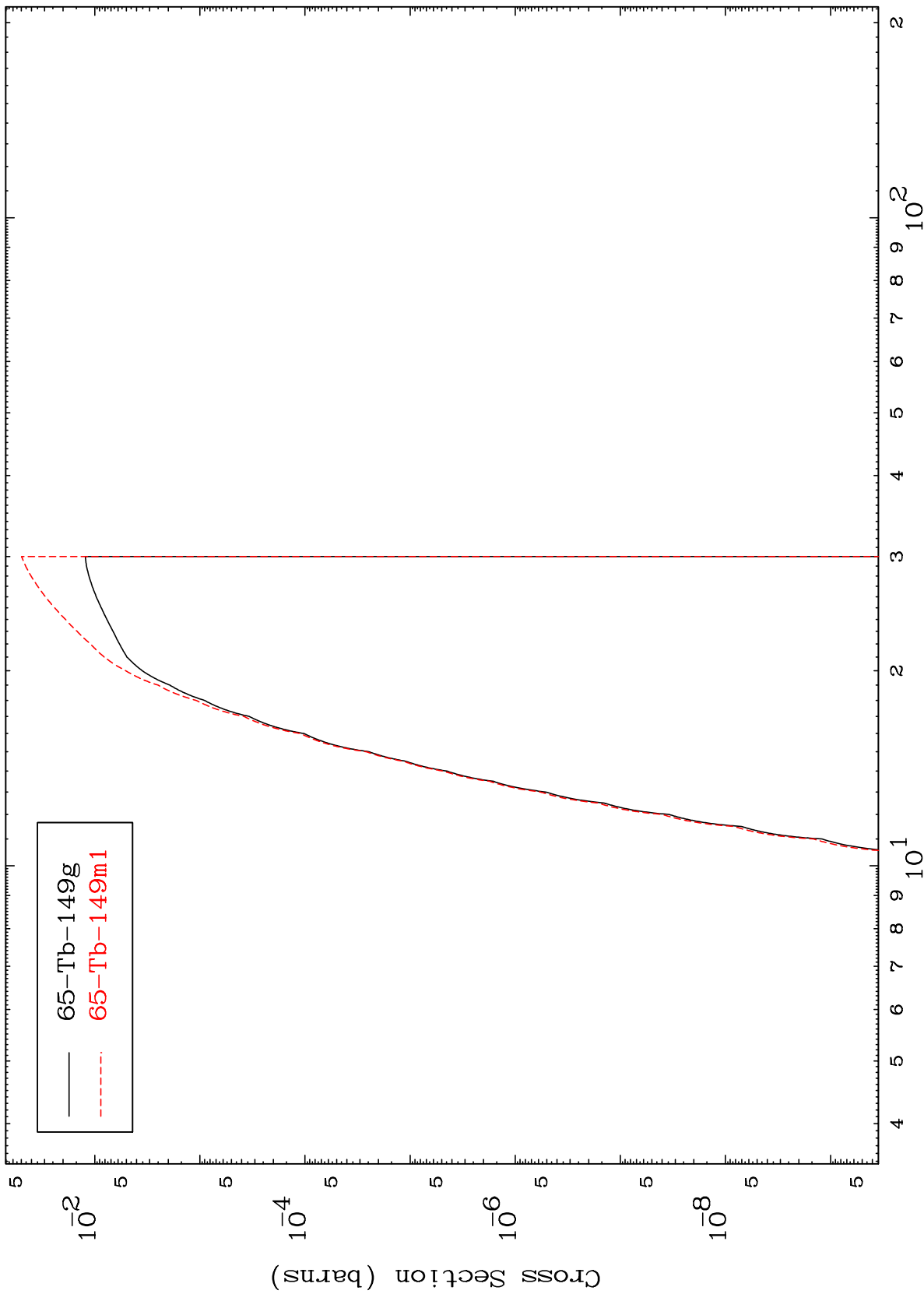
65-Tb-150g
65-Tb-150m2

MAT 6692

$(n,2n)$ α

67-Ho-154

Radionuclide Production Cross Section



126

Incident Energy (MeV)

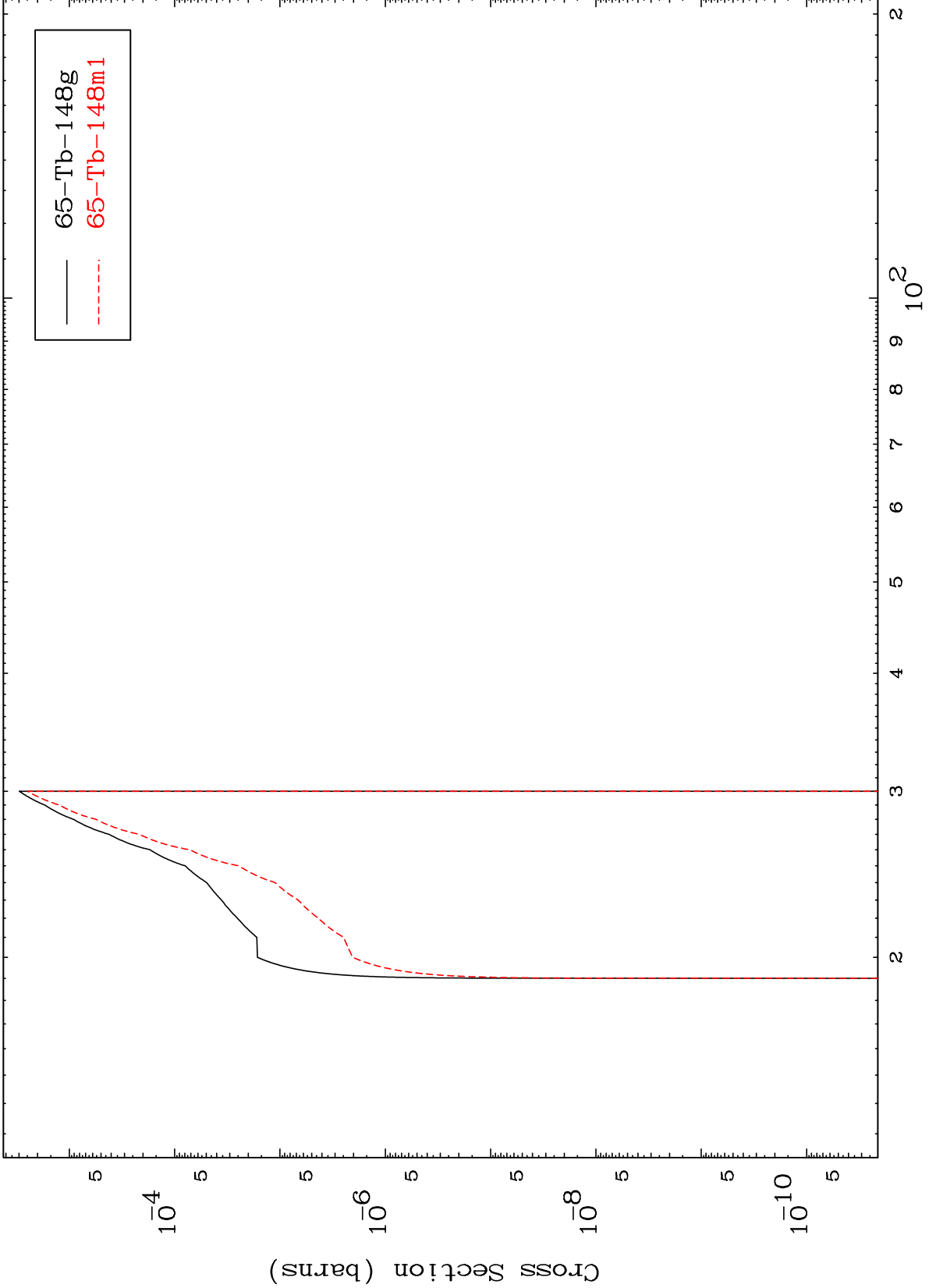
67-Ho-154

MAT 6692

(n,3n) α

67-Ho-154

Radionuclide Production Cross Section

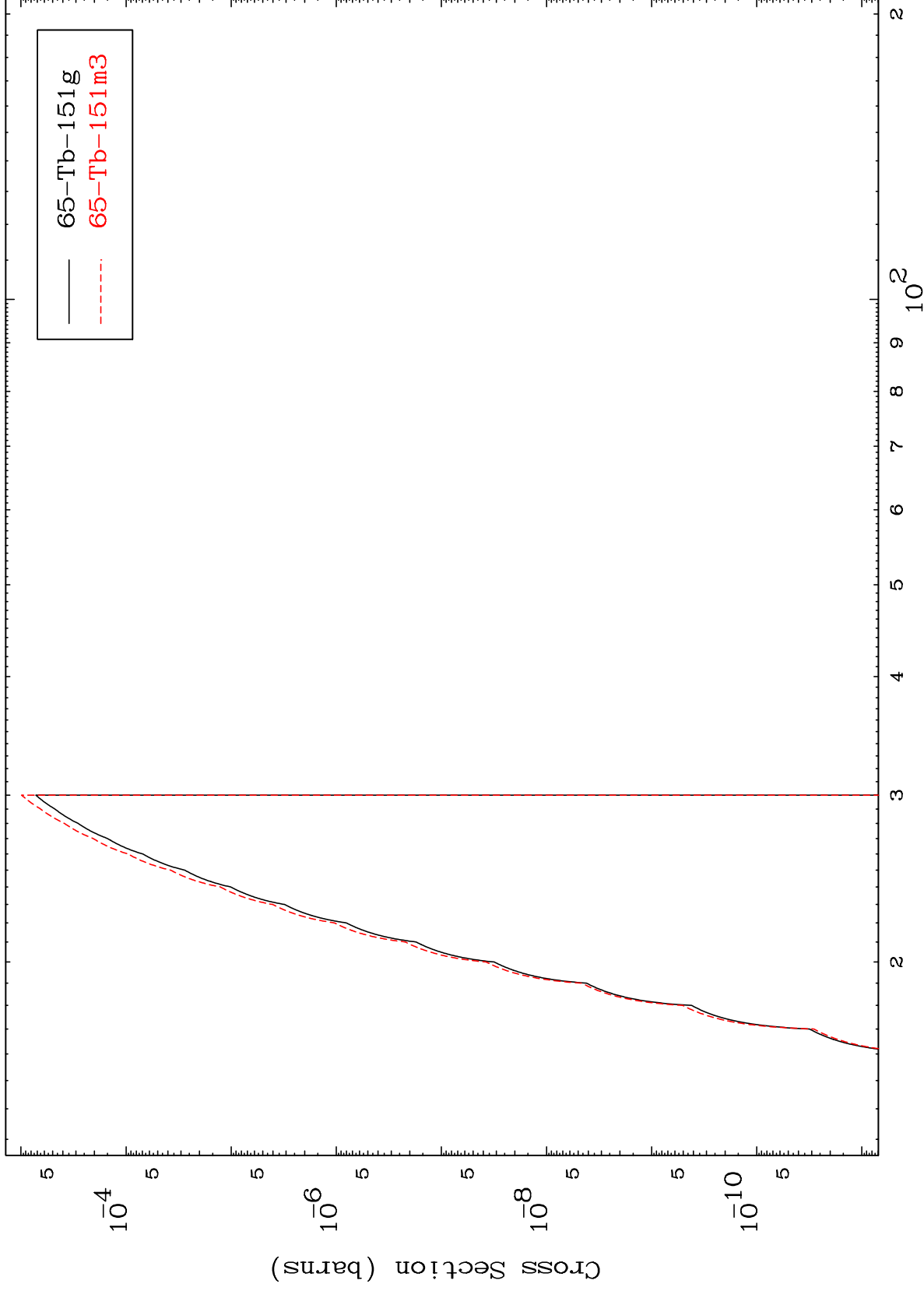


127

Incident Energy (MeV)

67-Ho-154

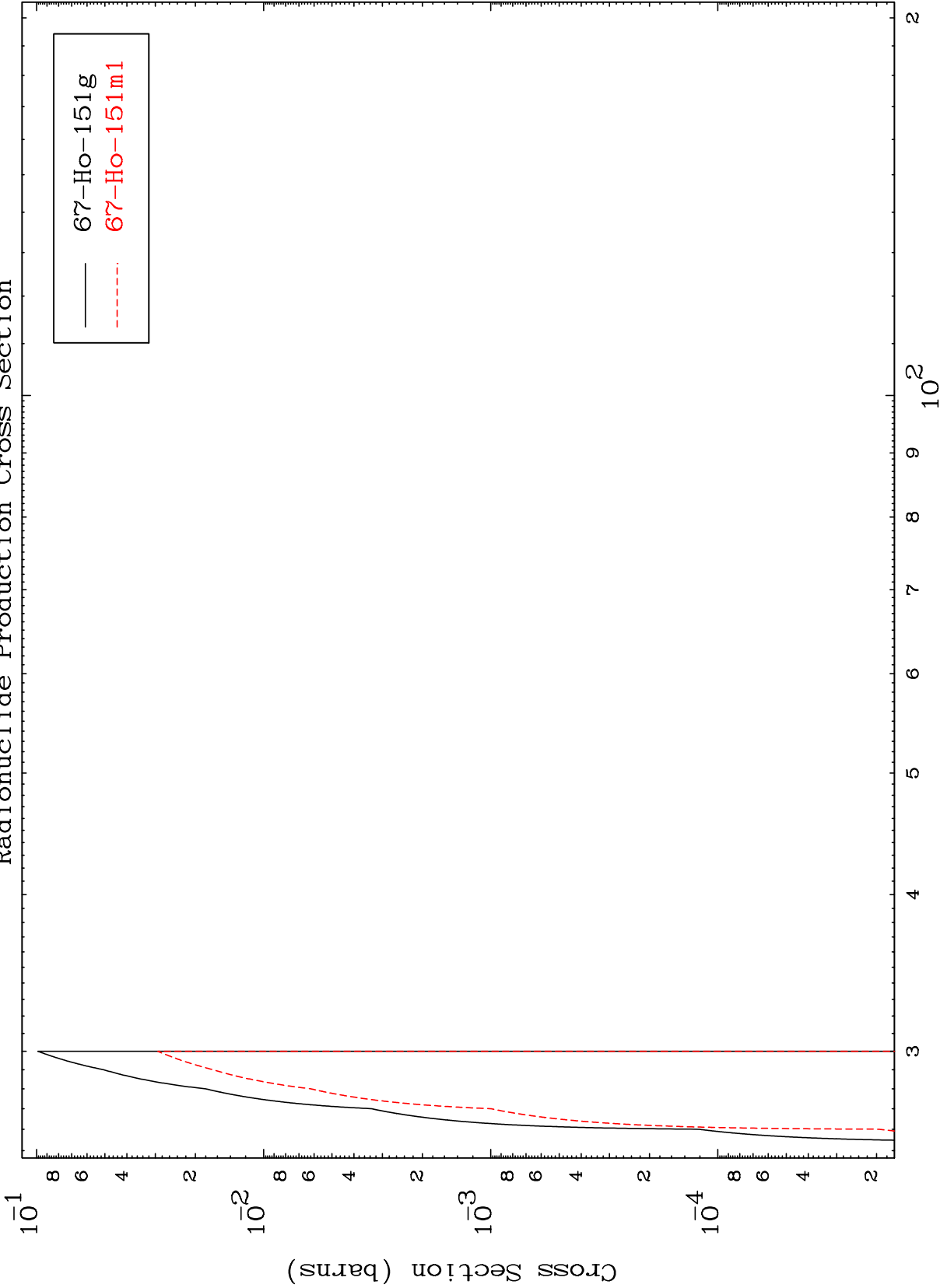
Radionuclide Production Cross Section



MAT 6692

67-Ho-154

(n,4n)
Radionuclide Production Cross Section



67-Ho-151 g
67-Ho-151 m1

129

67-Ho-154

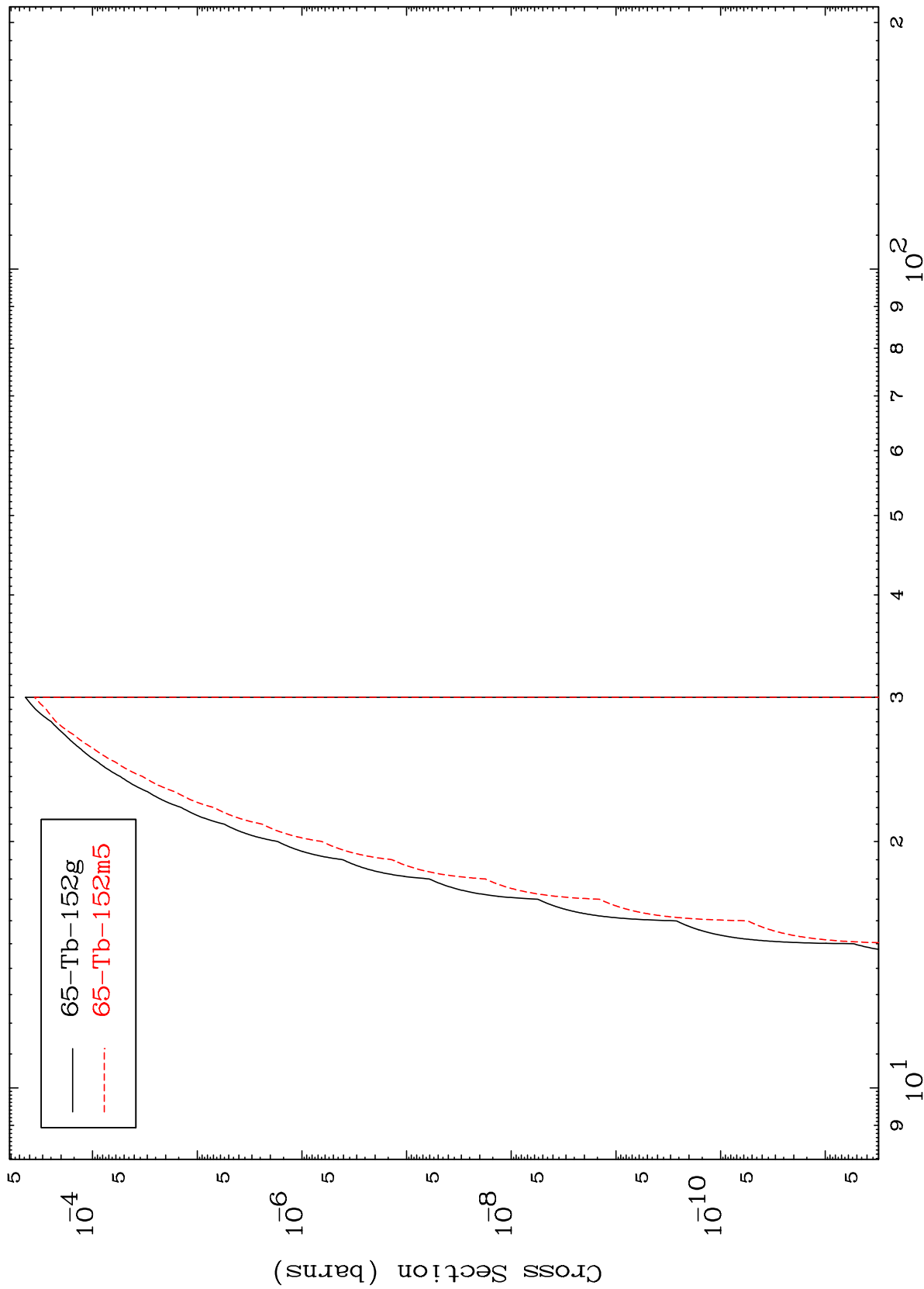
Incident Energy (MeV)

MAT 6692

(n,2n) p

67-Ho-154

Radionuclide Production Cross Section



130

Incident Energy (MeV)

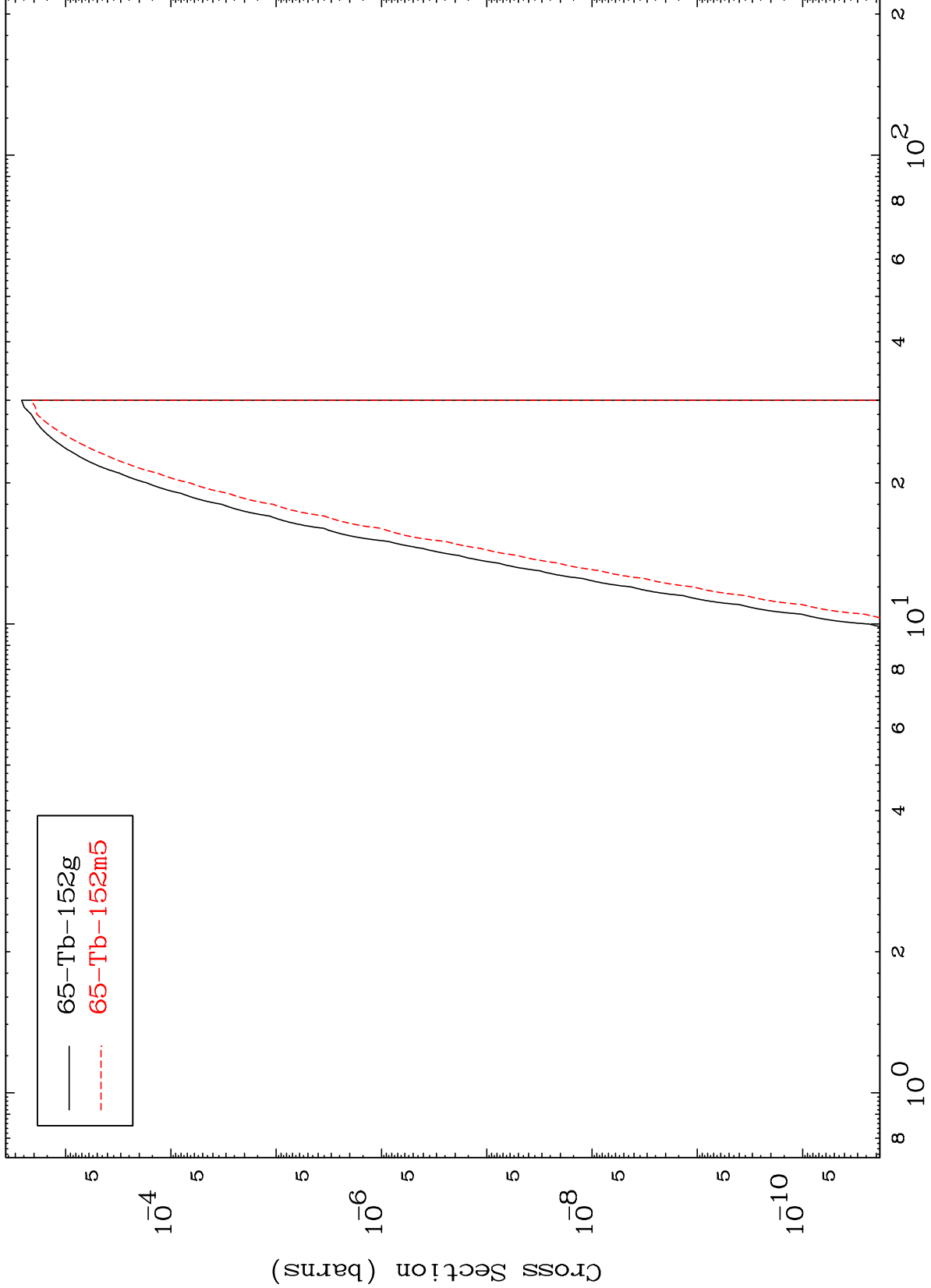
67-Ho-154

MAT 6692

(n,He-3)

67-Ho-154

Radionuclide Production Cross Section

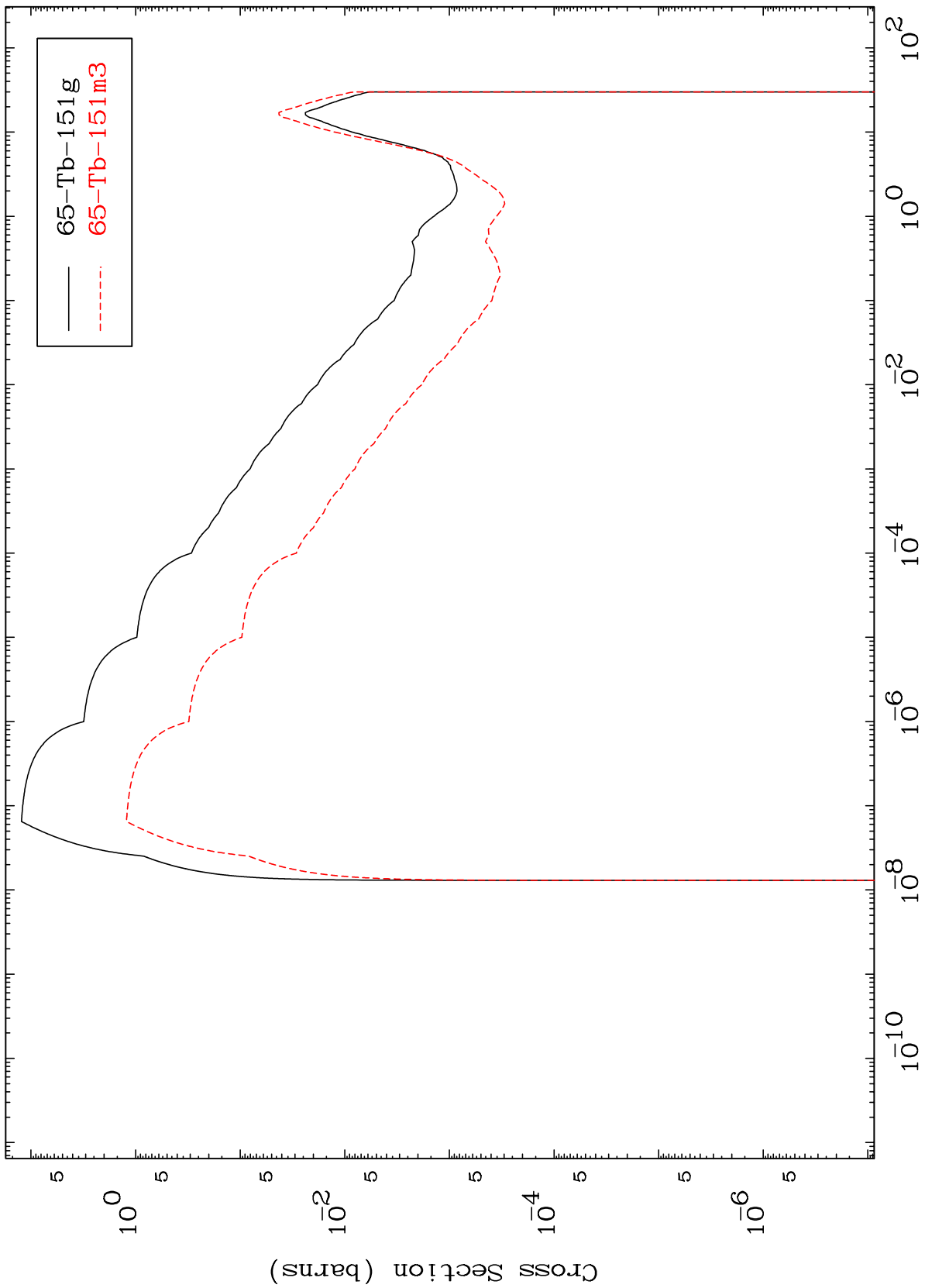


131

Incident Energy (MeV)

67-Ho-154

(n, α)
Radionuclide Production Cross Section

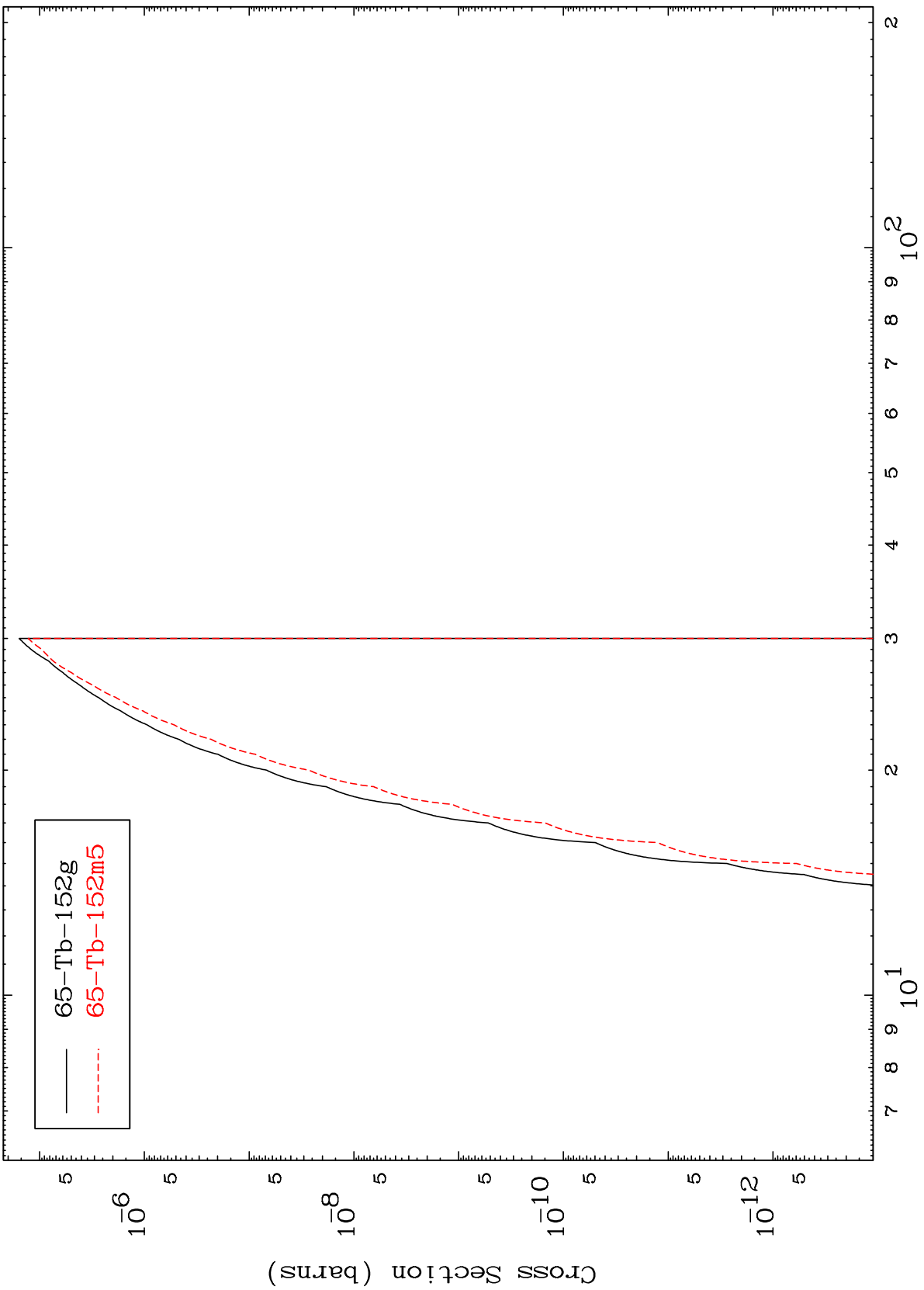


MAT 6692

(n,p) d

67-Ho-154

Radionuclide Production Cross Section



65-Tb-152g
65-Tb-152m5

133

Incident Energy (MeV)

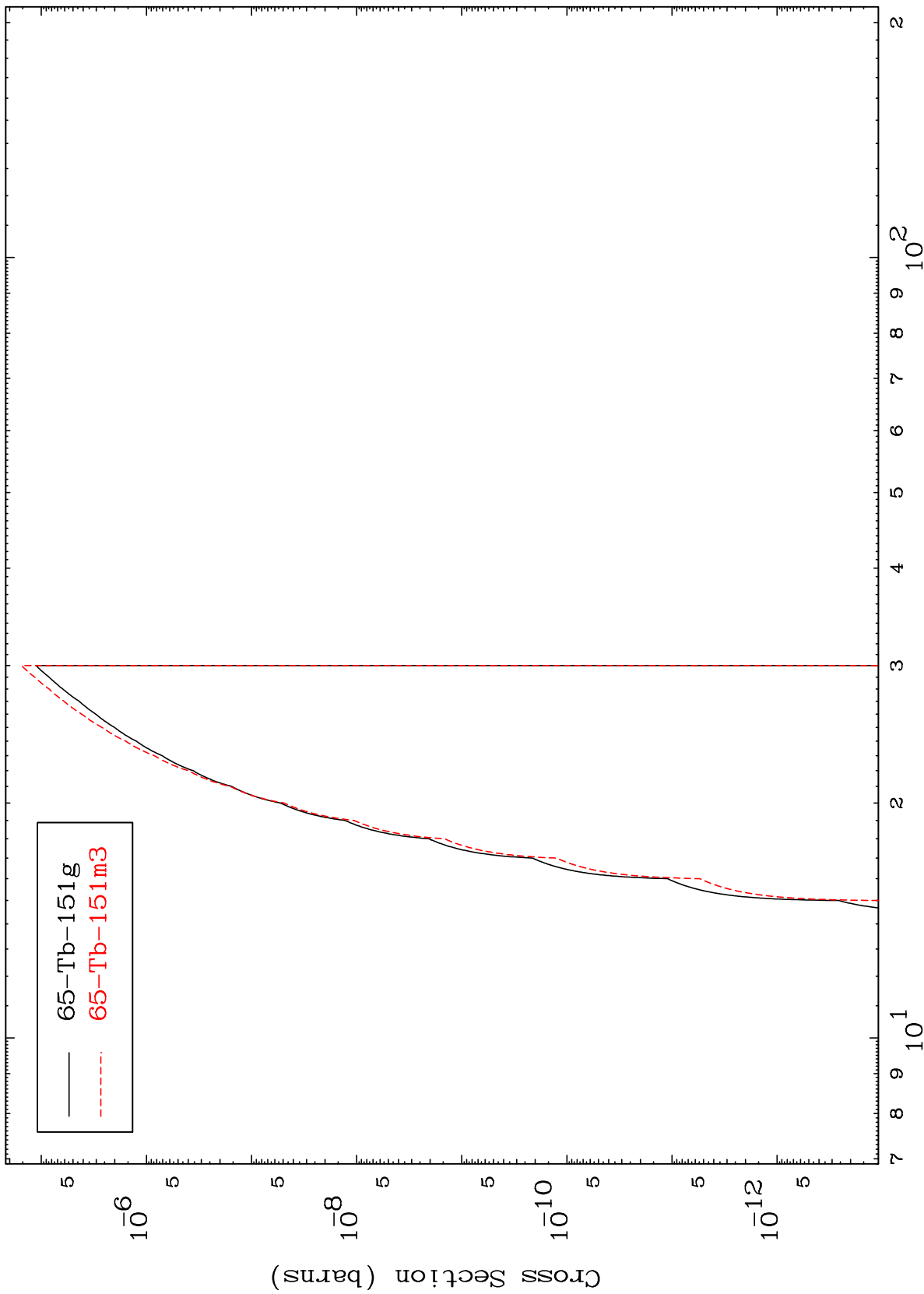
67-Ho-154

MAT 6692

(n,p) t

67-Ho-154

Radionuclide Production Cross Section



134

Incident Energy (MeV)

67-Ho-154