

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

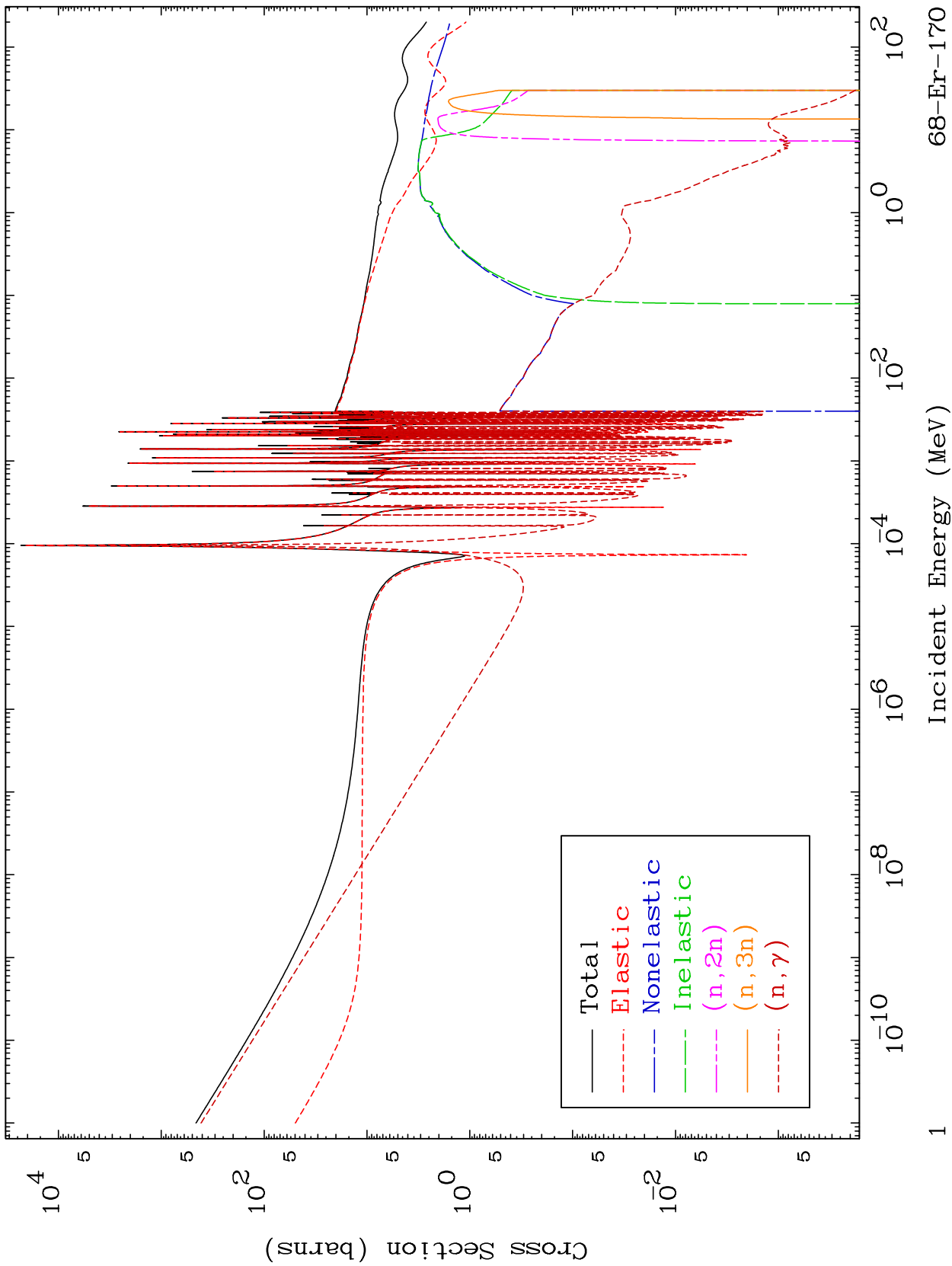
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6849

Neutron Major
293 Kelvin Cross Sections

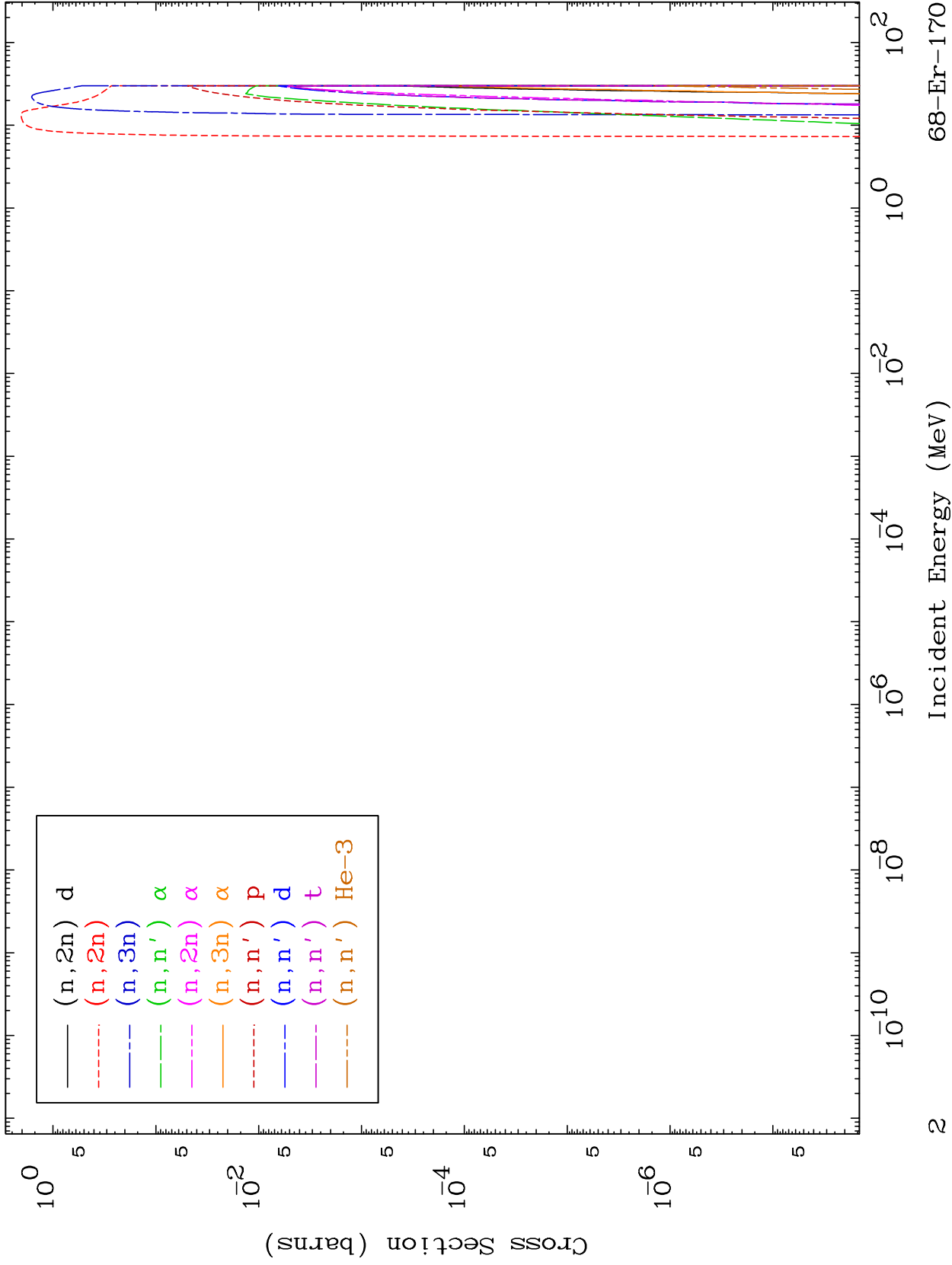
68-Er-170



MAT 6849

Neutron Absorption
293 Kelvin Cross Sections

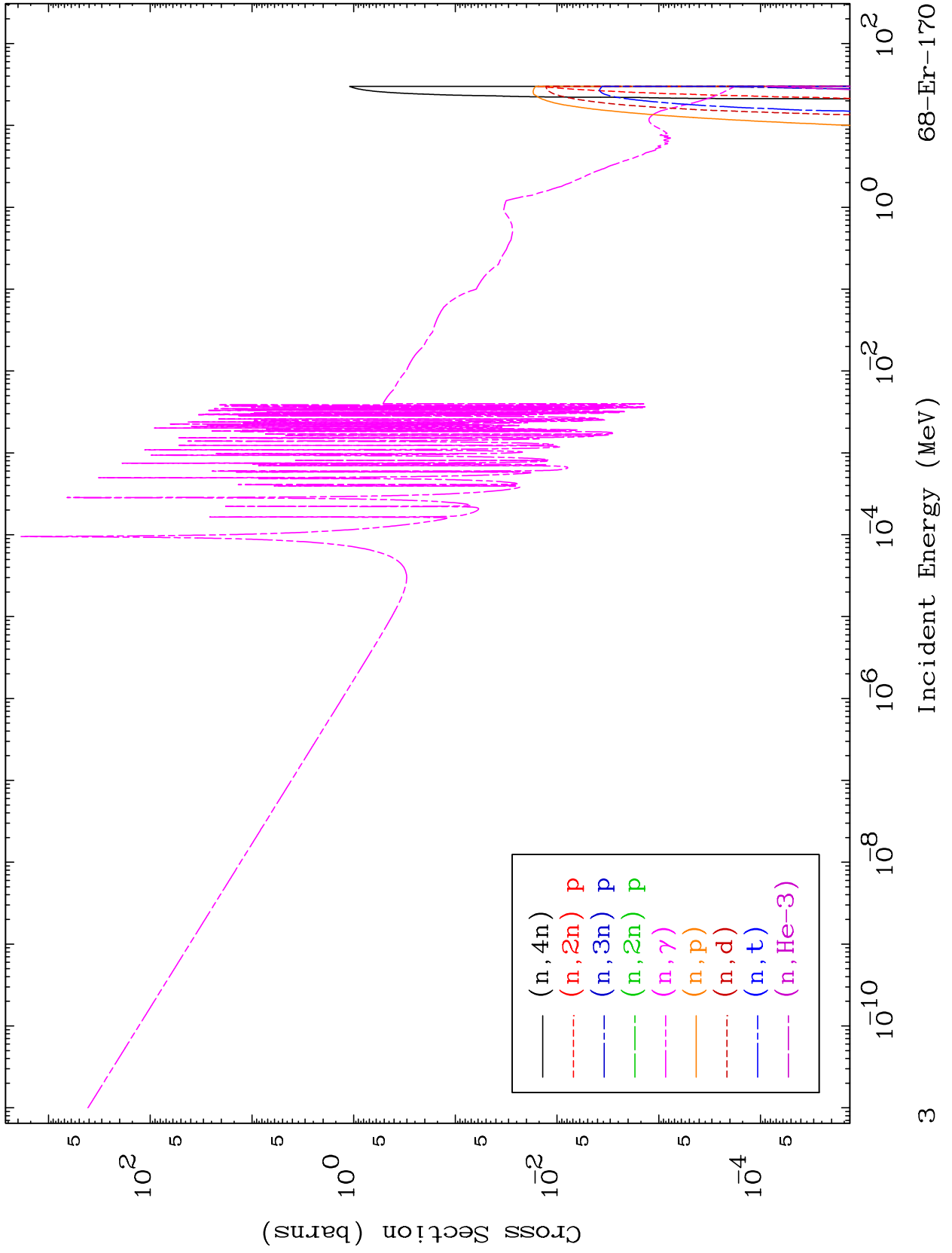
68-Er-170



MAT 6849

Neutron Absorption
293 Kelvin Cross Sections

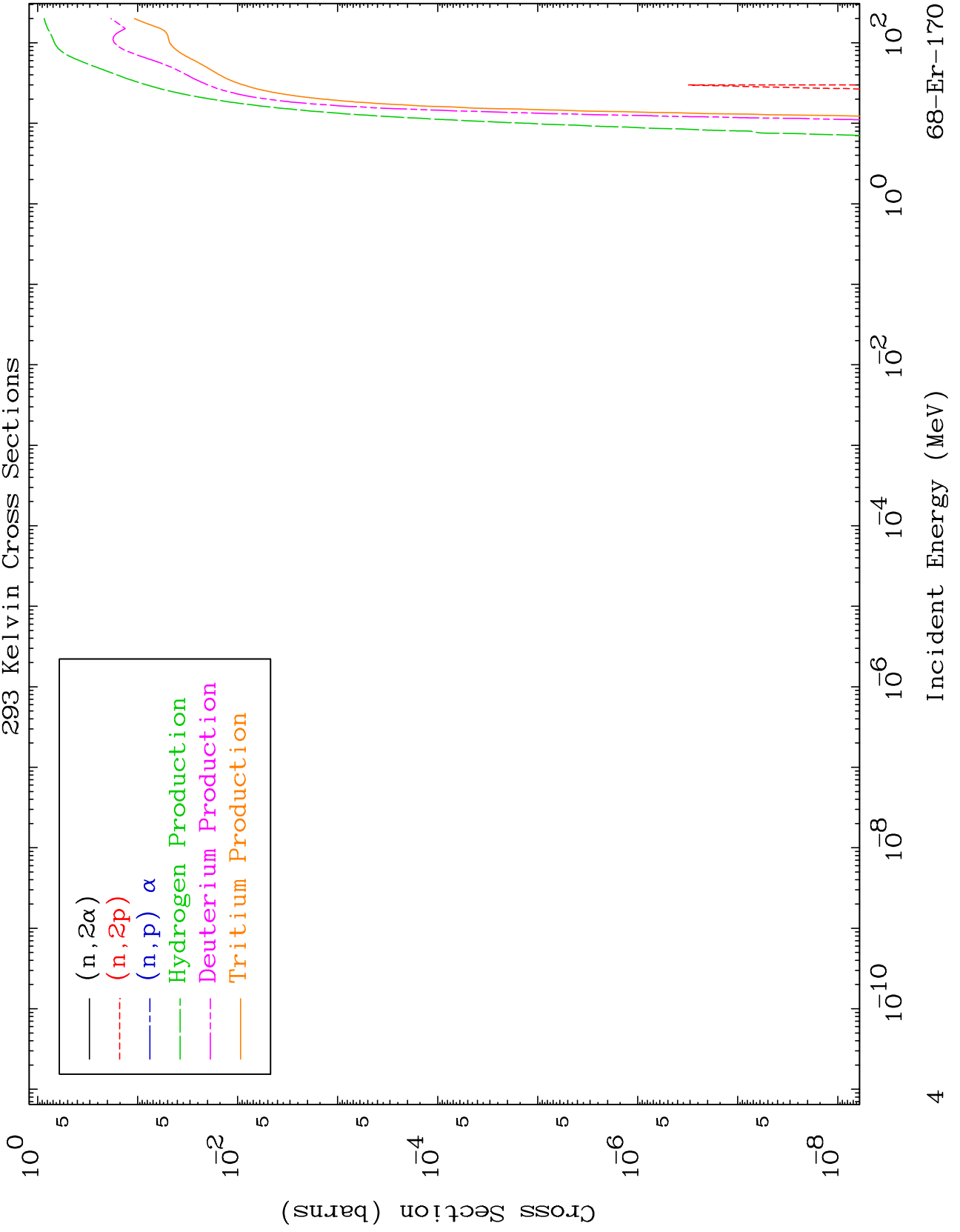
68-Er-170



MAT 6849

Neutron Absorption
293 Kelvin Cross Sections

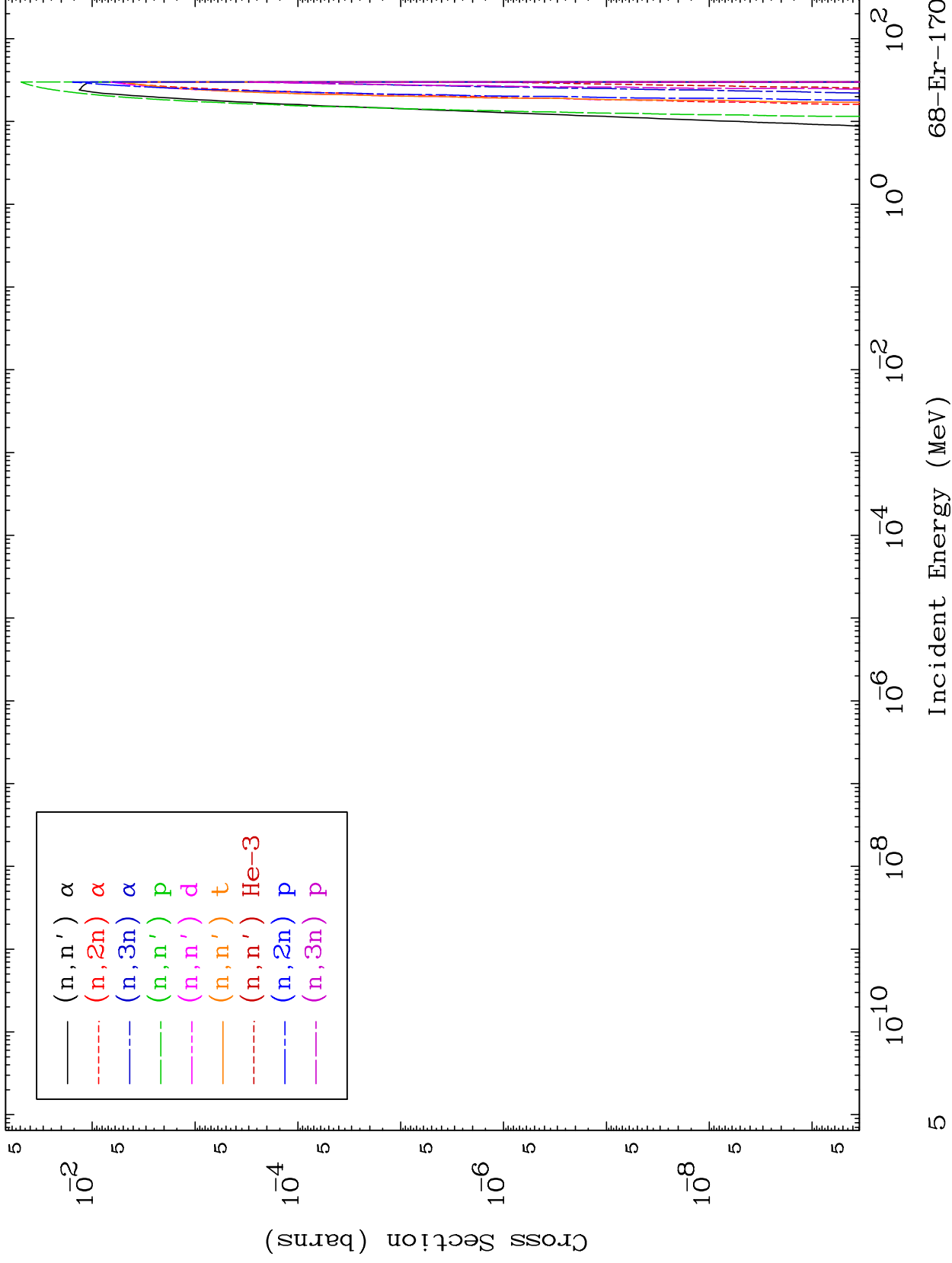
68-Er-170



MAT 6849

Charged Particle
293 Kelvin Cross Sections

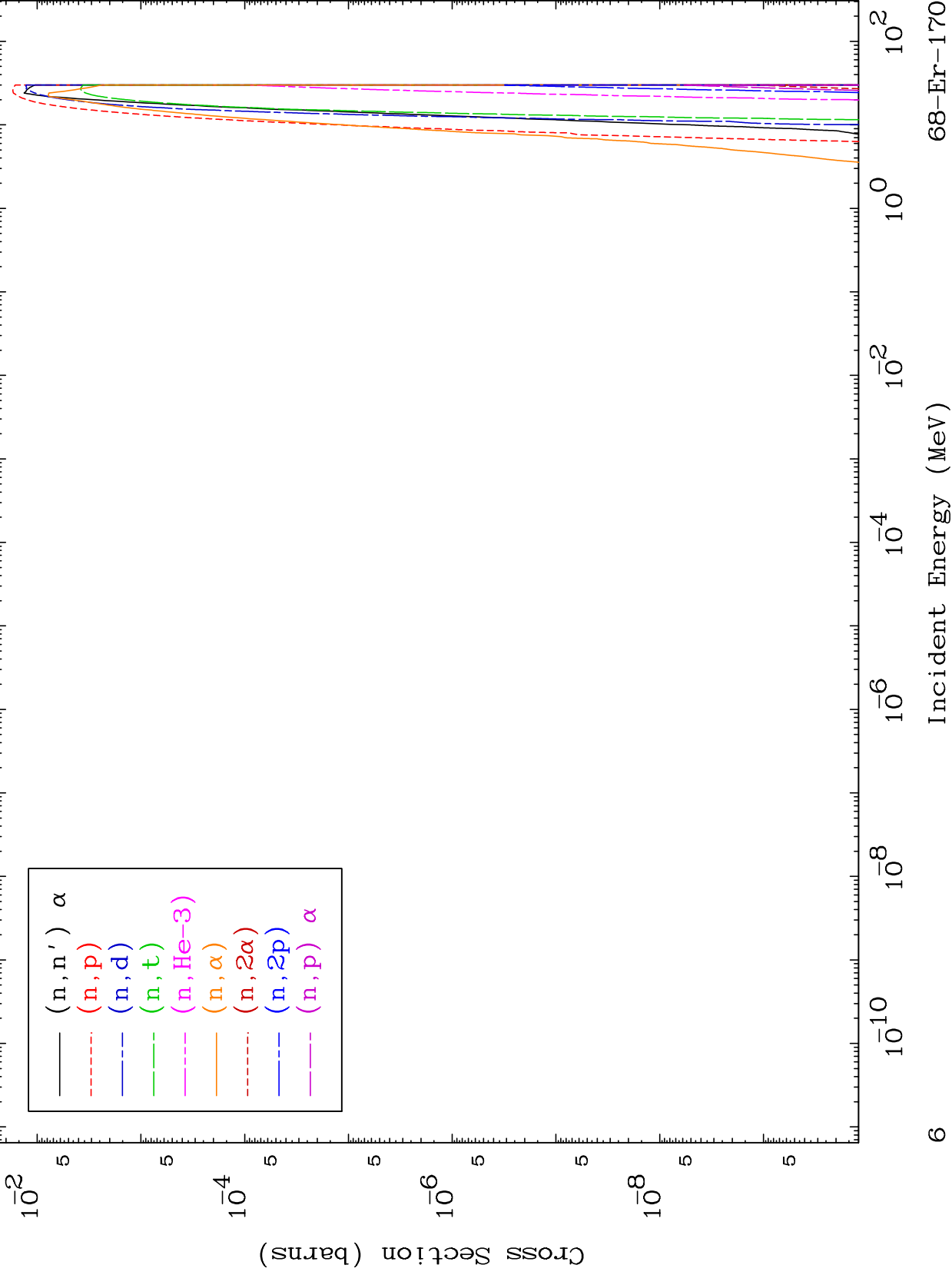
68-Er-170



MAT 6849

Charged Particle
293 Kelvin Cross Sections

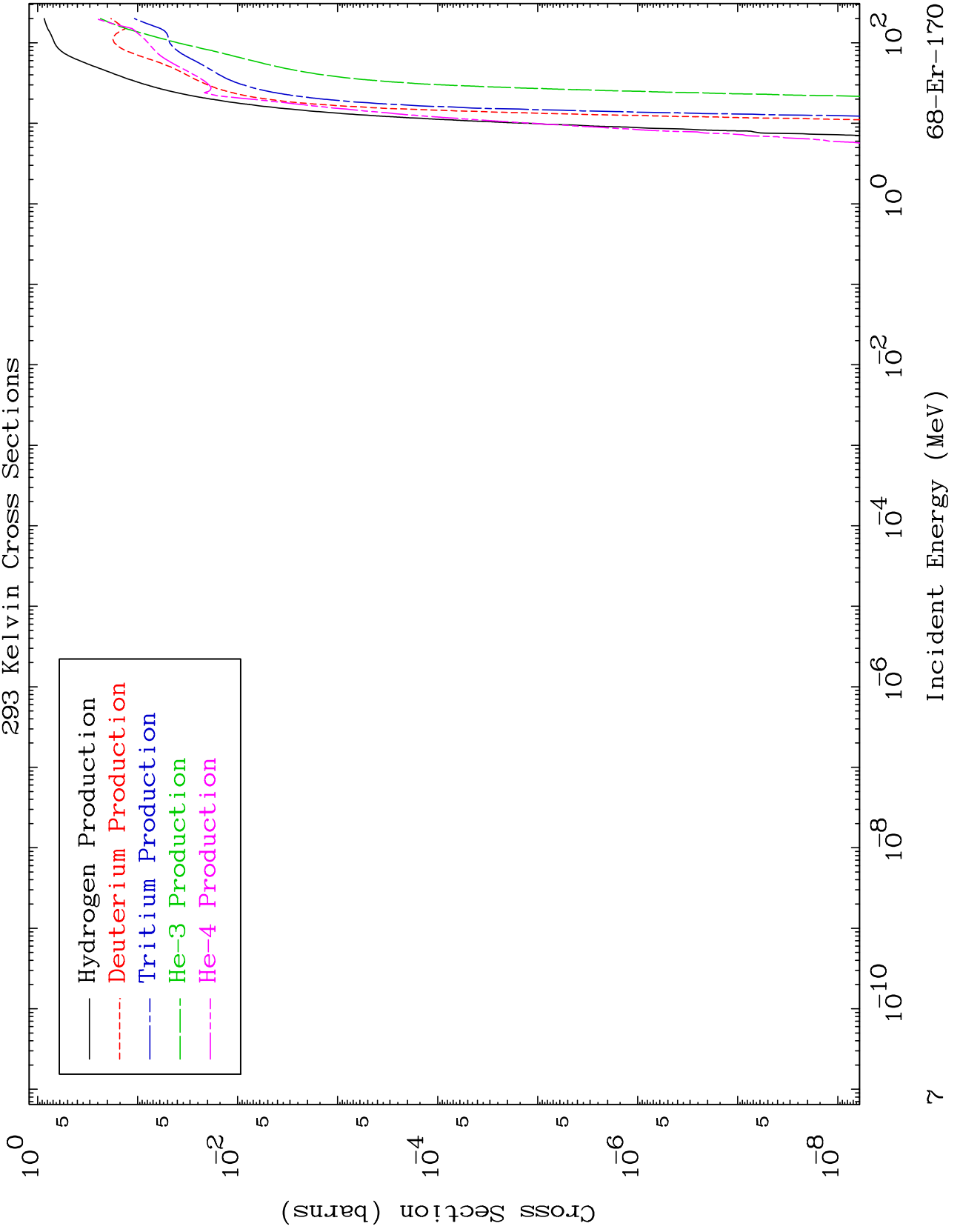
68-Er-170



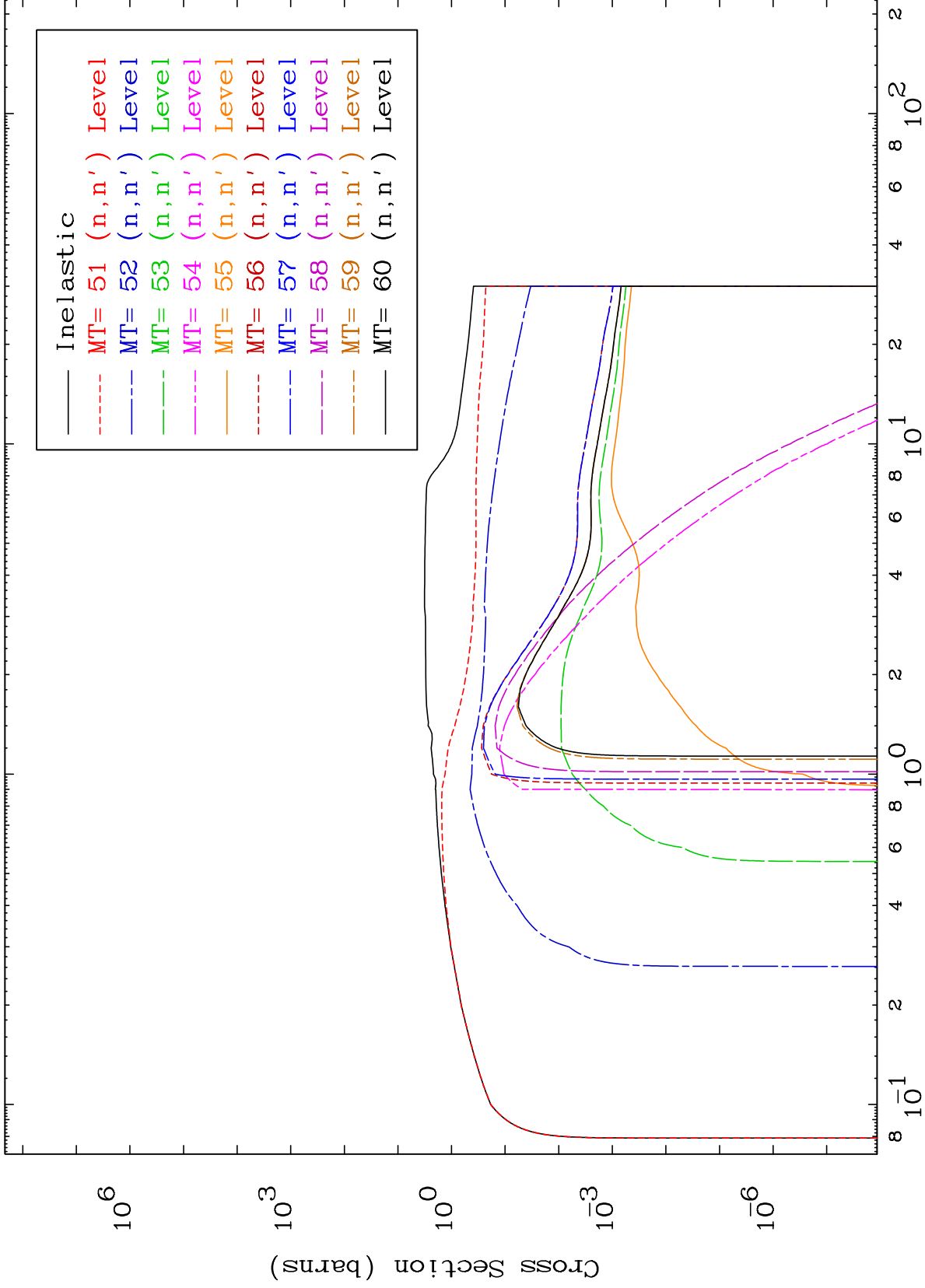
MAT 6849

Particle Production
293 Kelvin Cross Sections

68-Er-170



293 Kelvin Cross Sections

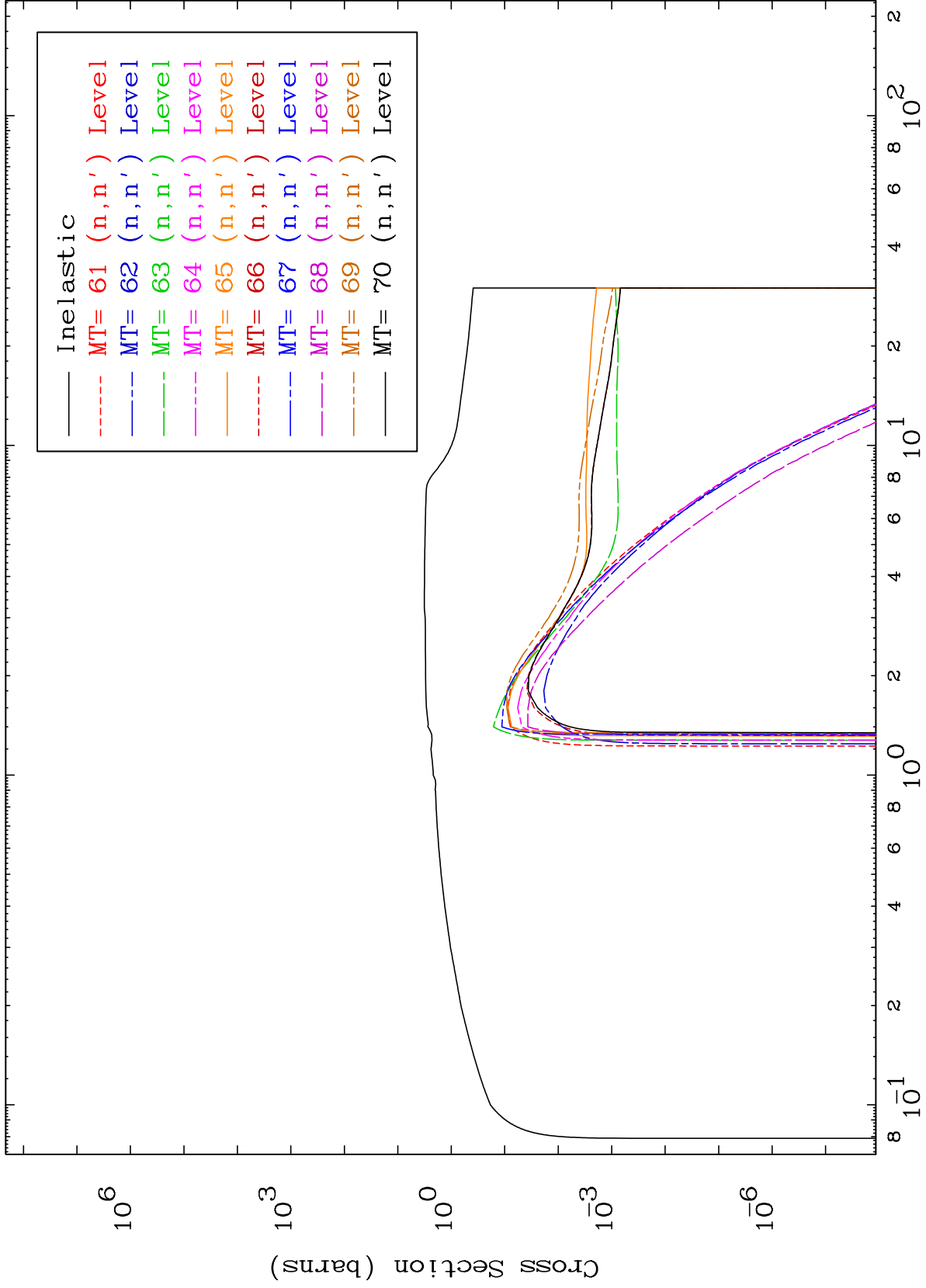


MAT 6849

(n,n') Levels

68-Er-170

293 Kelvin Cross Sections



9

Incident Energy (MeV)

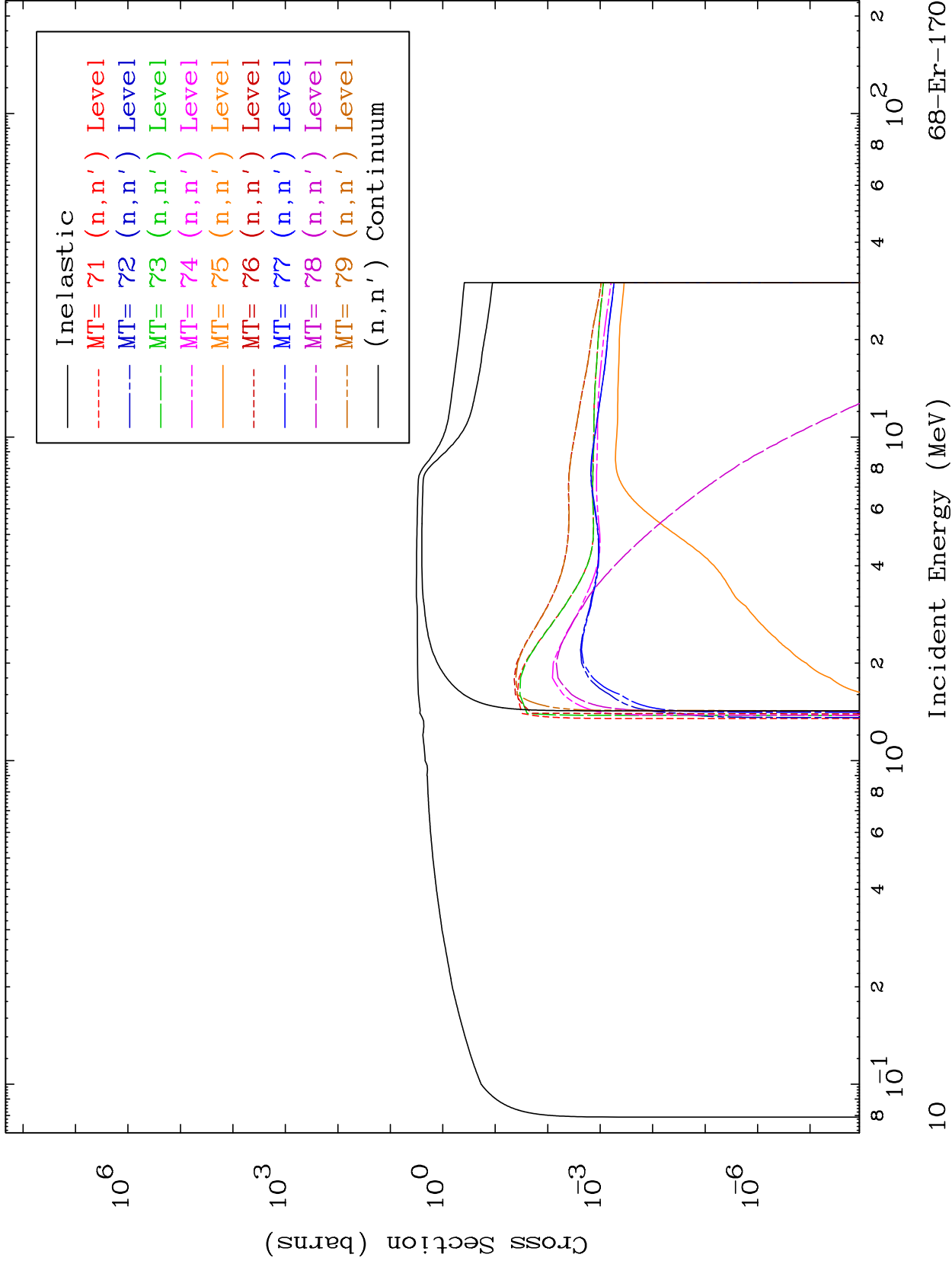
68-Er-170

MAT 6849

(n,n') Levels

293 Kelvin Cross Sections

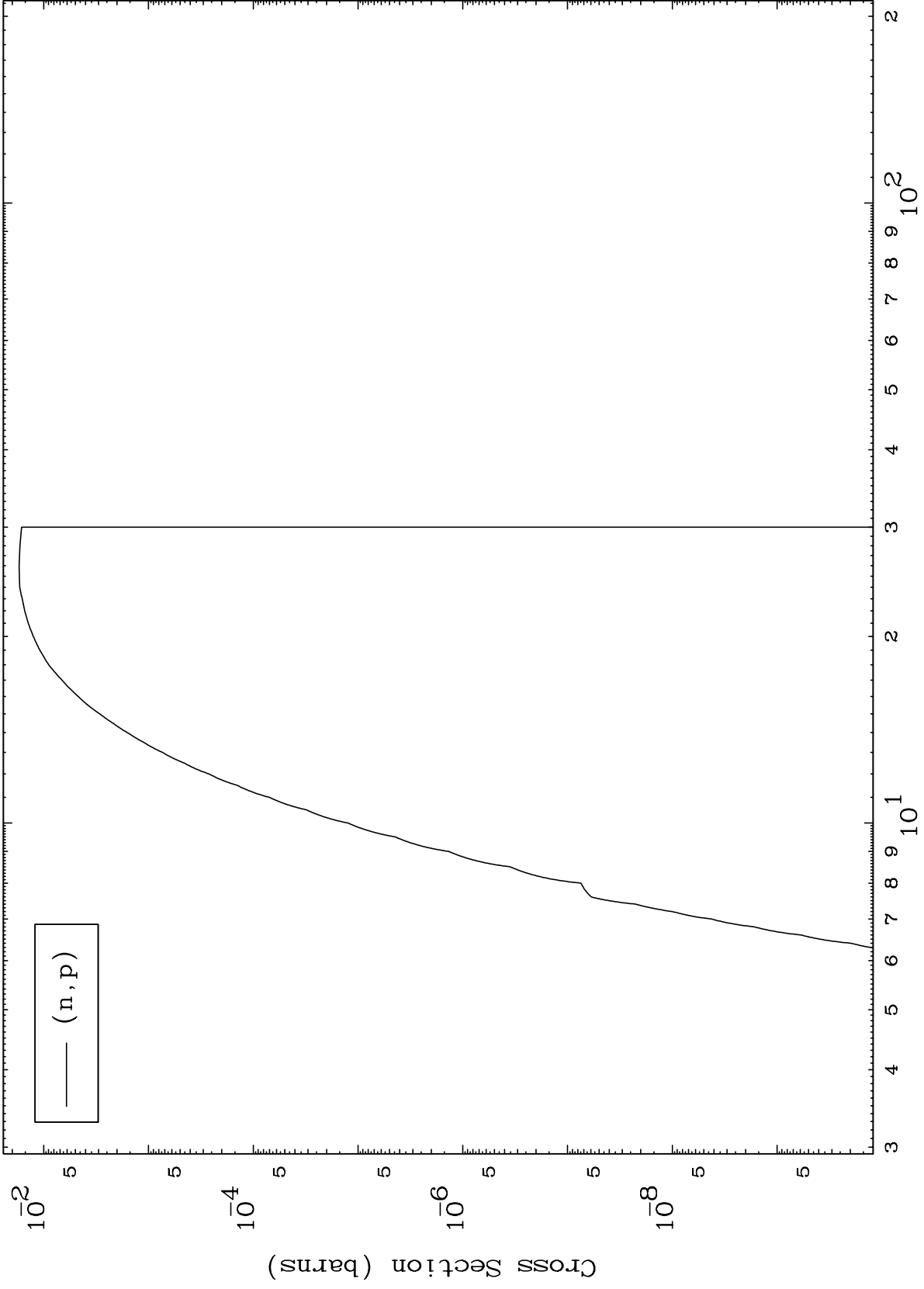
68-Er-170



MAT 6849

(n,p) Levels
293 Kelvin Cross Sections

68-Er-170



11

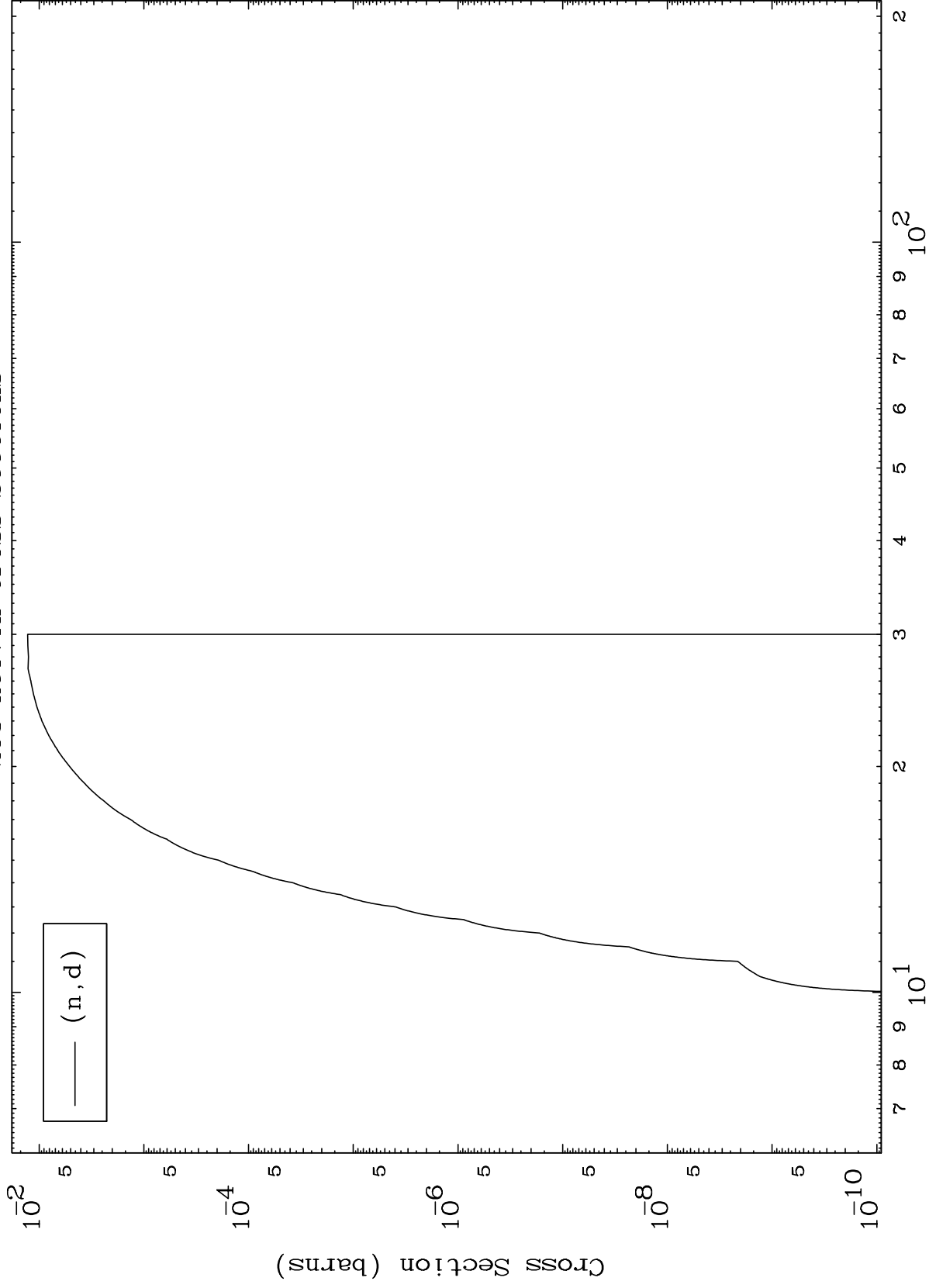
Incident Energy (MeV)

68-Er-170

MAT 6849

(n,d) Levels
293 Kelvin Cross Sections

68-Er-170



12

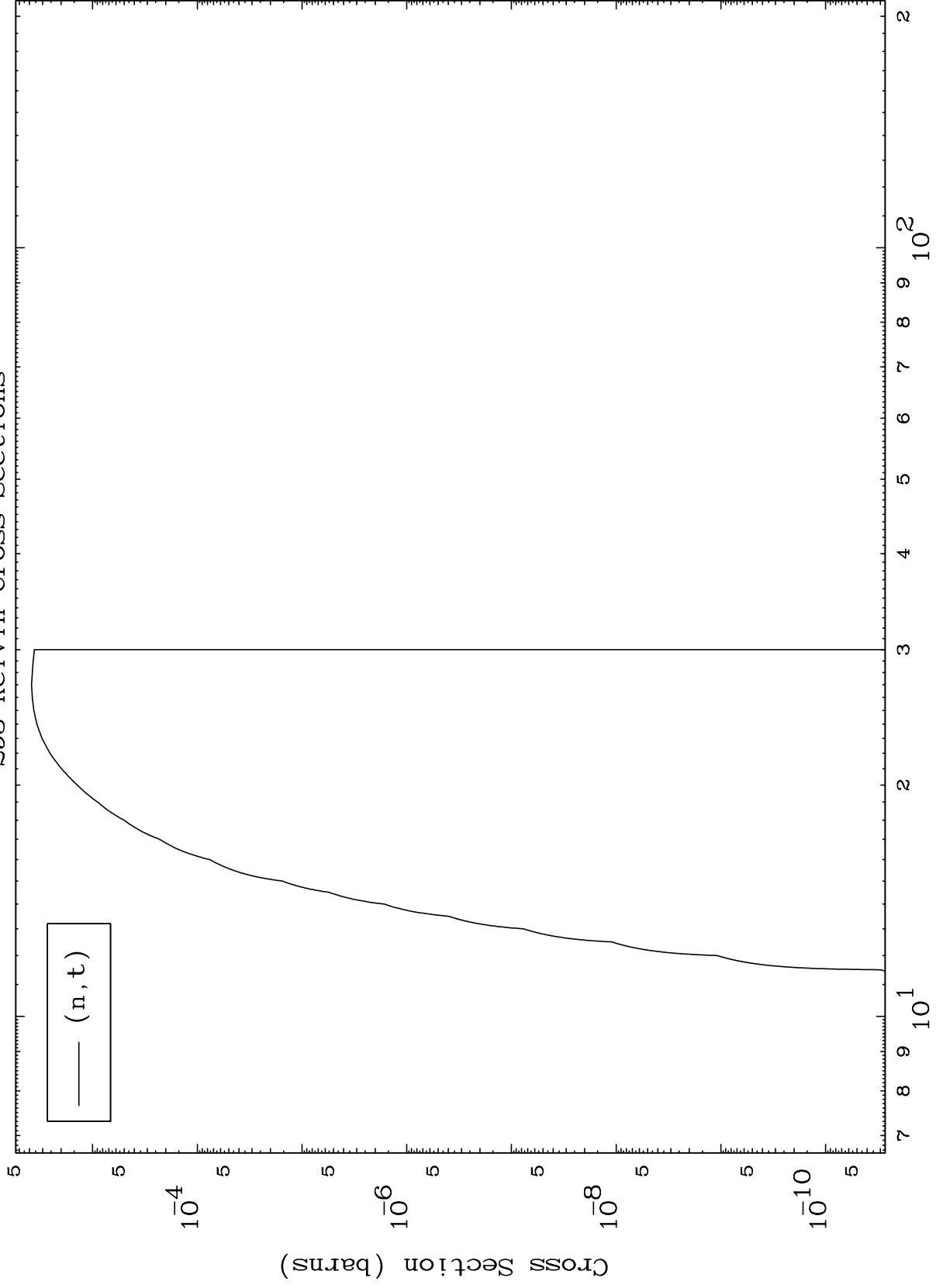
Incident Energy (MeV)

68-Er-170

MAT 6849

(n,t) Levels
293 Kelvin Cross Sections

68-Er-170



13

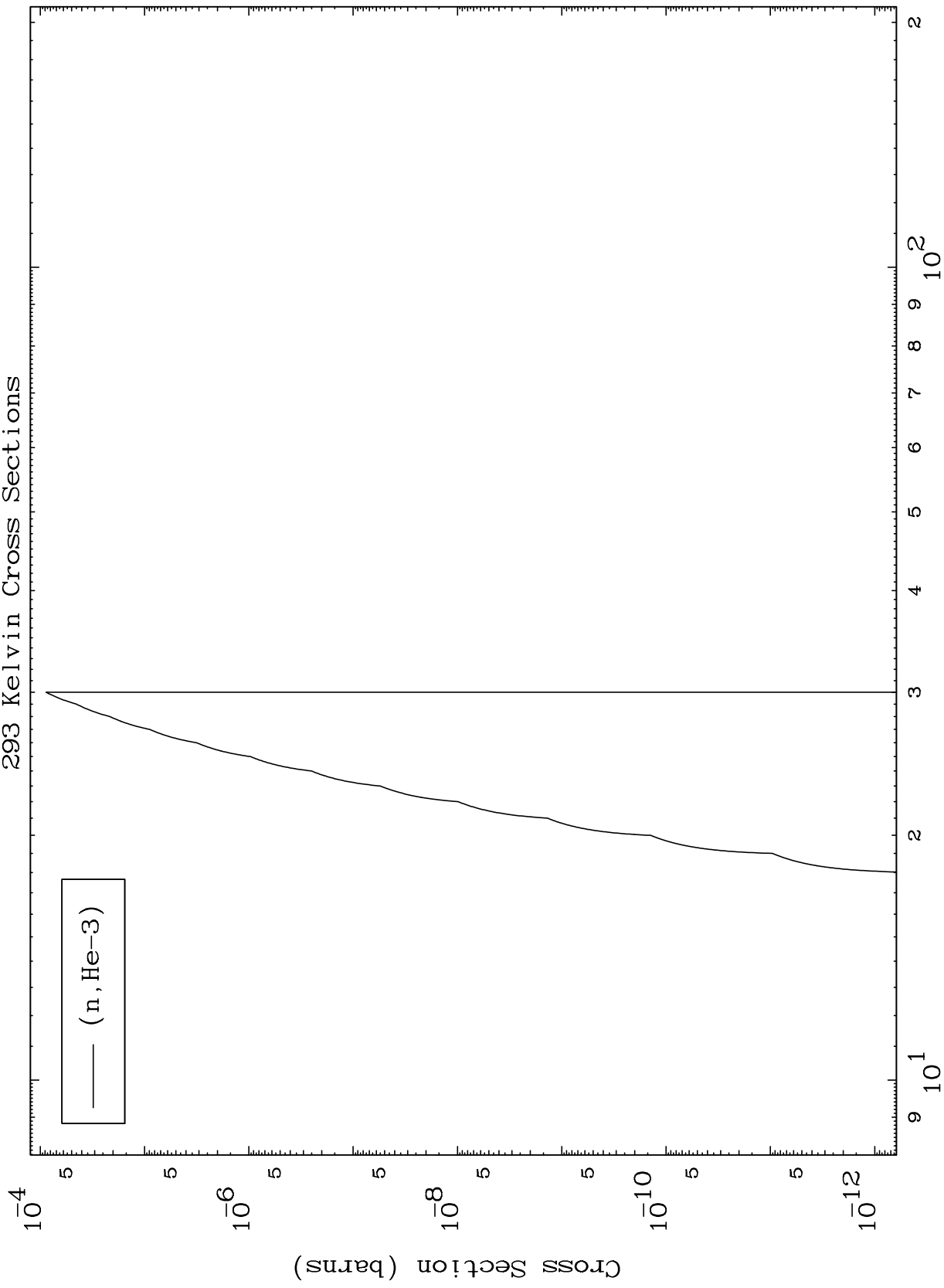
Incident Energy (MeV)

68-Er-170

MAT 6849

68-Er-170

(n,He3) Levels
293 Kelvin Cross Sections



68-Er-170

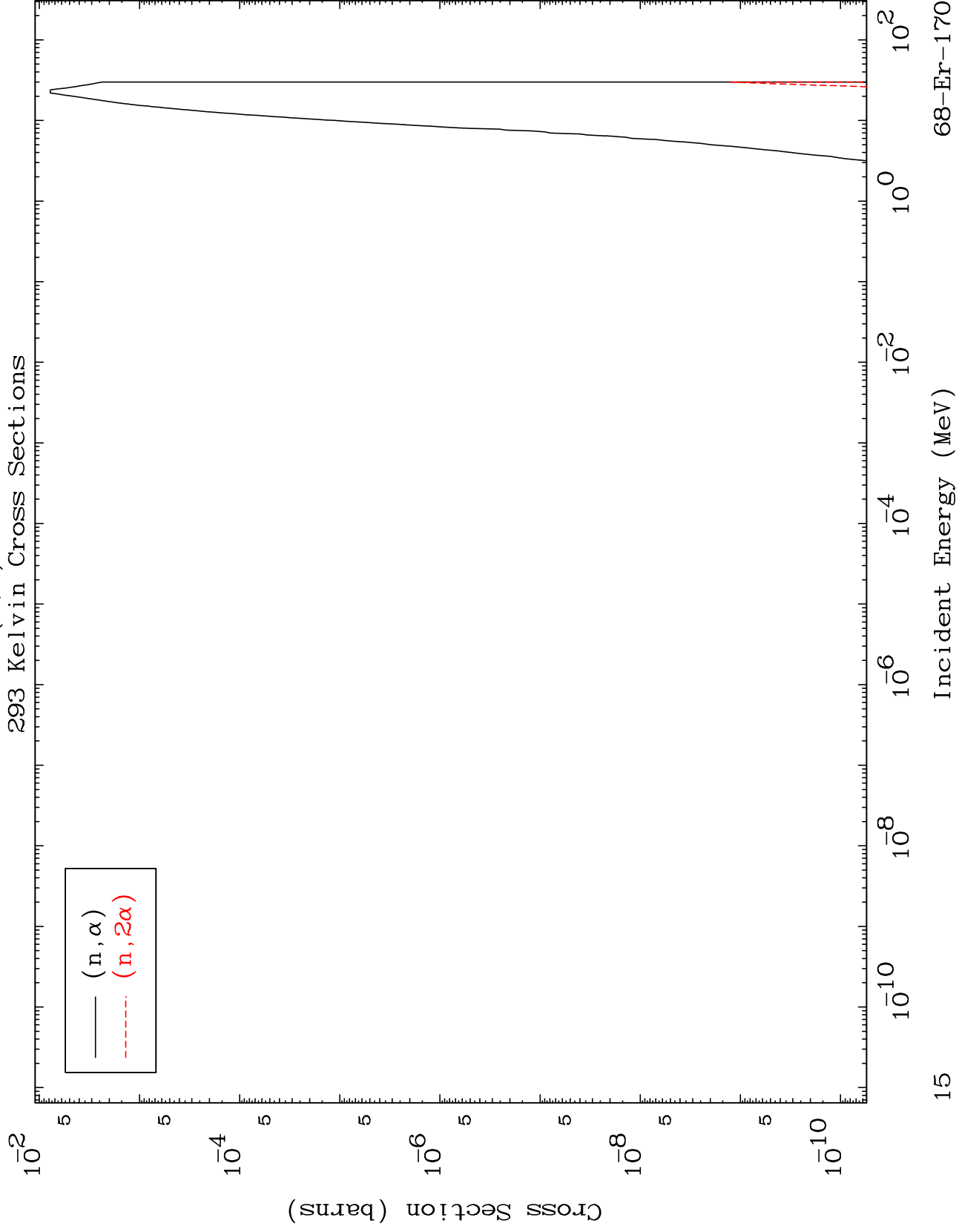
Incident Energy (MeV)

14

MAT 6849

(n, α) Levels
293 Kelvin Cross Sections

68-Er-170



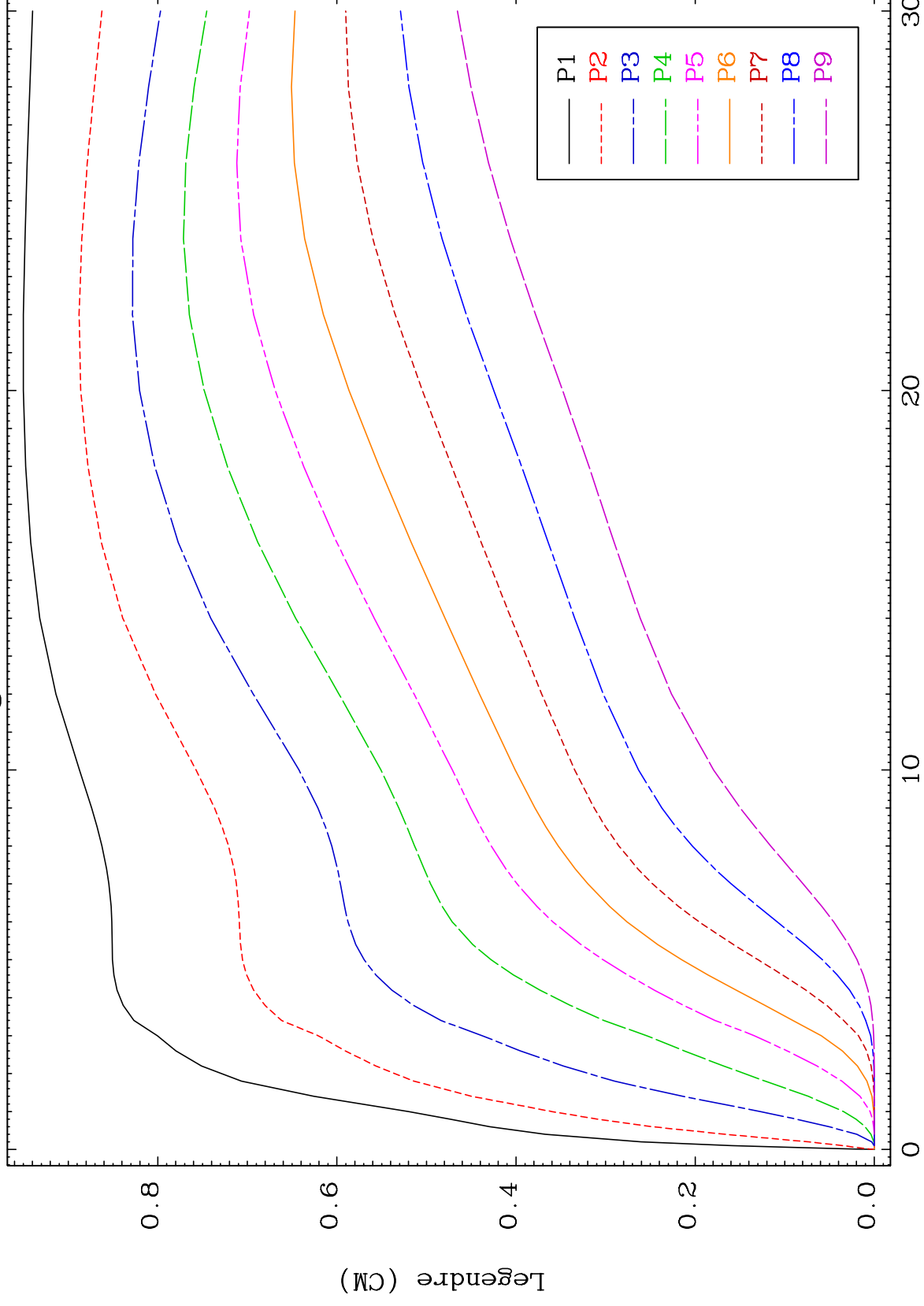
15

MAT 6849

Elastic

68-Er-170

Legendre Coefficients



Incident Energy (MeV)

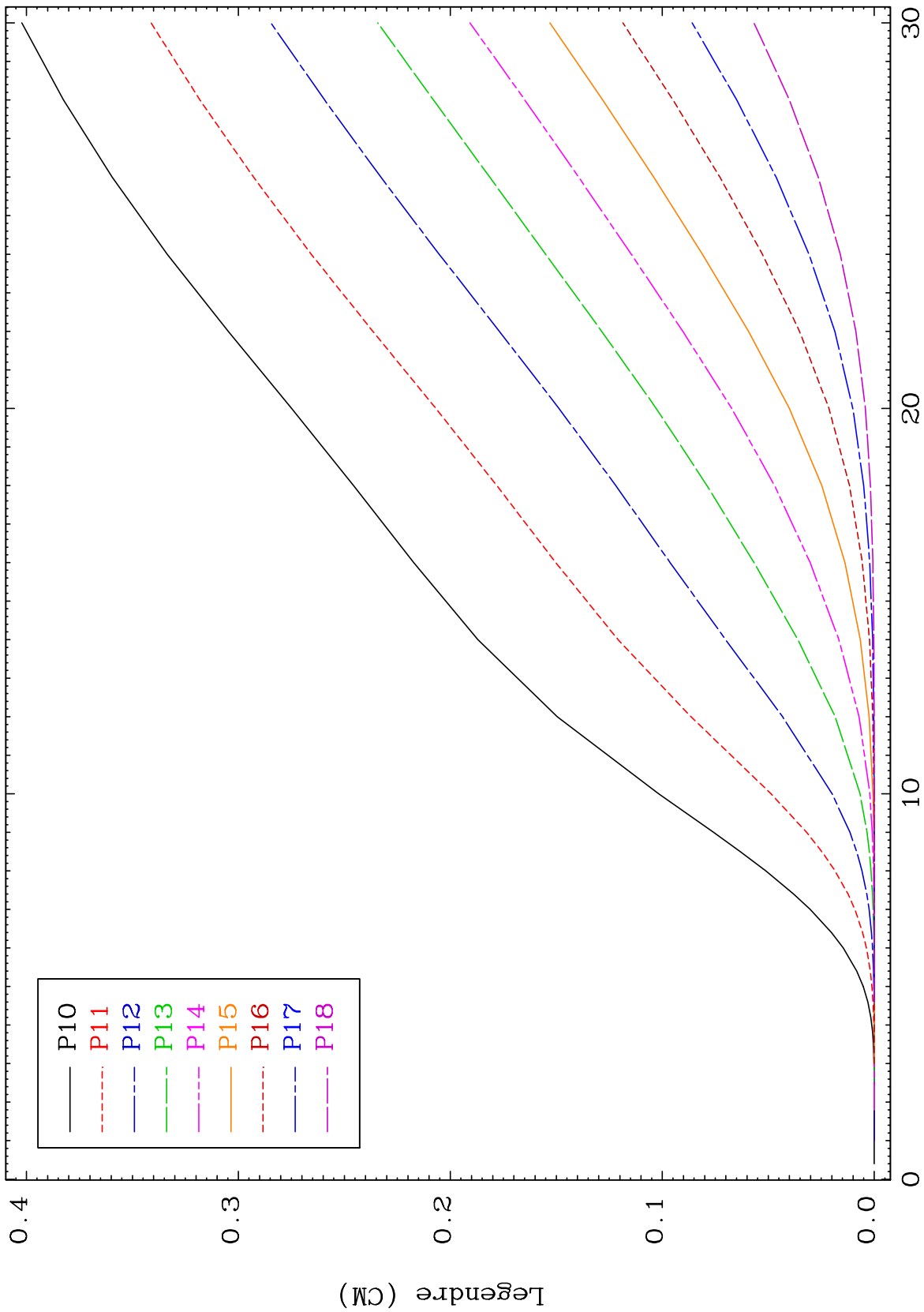
68-Er-170

16

MAT 6849

Elastic Legendre Coefficients

68-Er-170



17

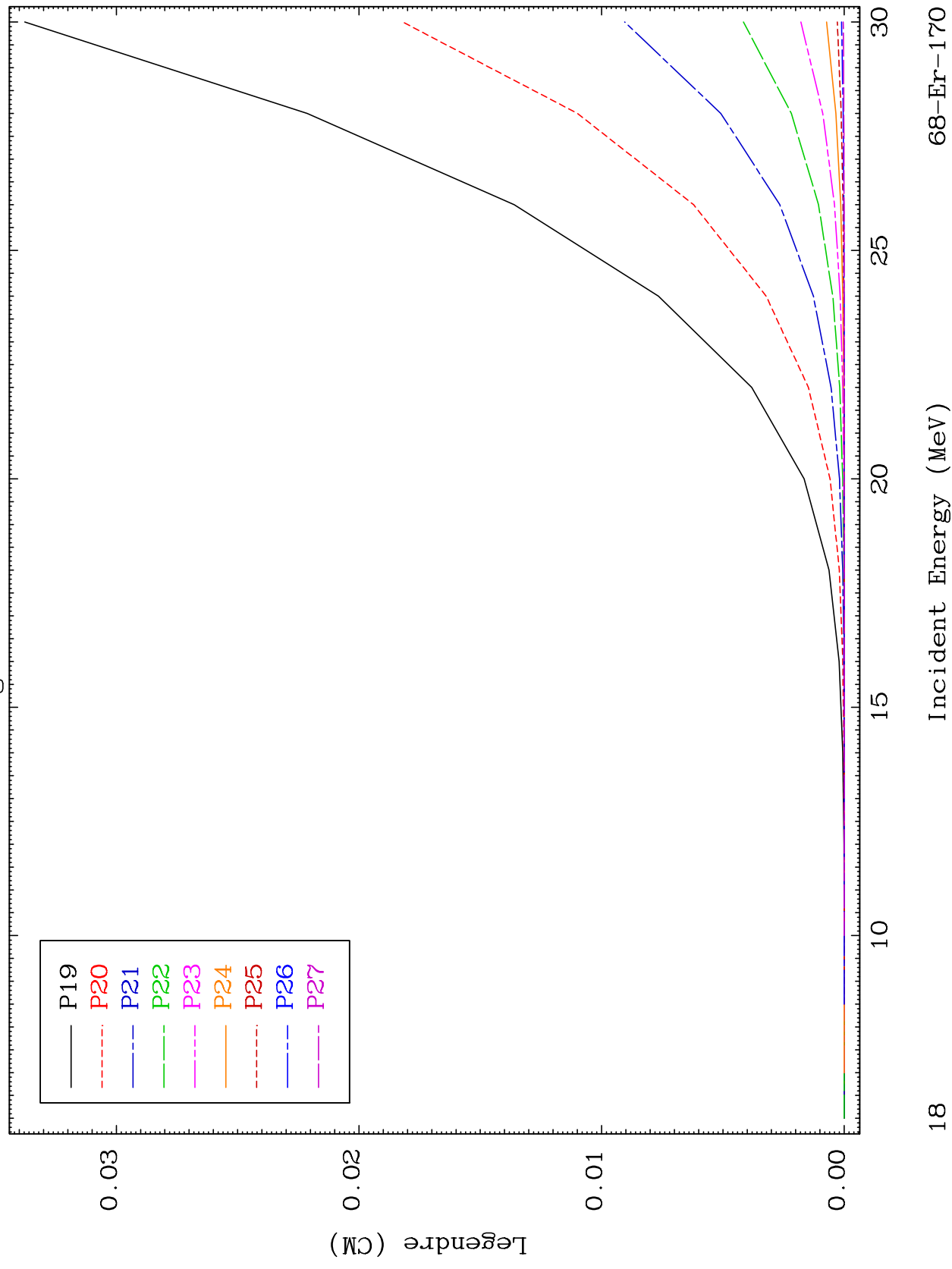
Incident Energy (MeV)

68-Er-170

MAT 6849

Elastic Legendre Coefficients

68-Er-170



18

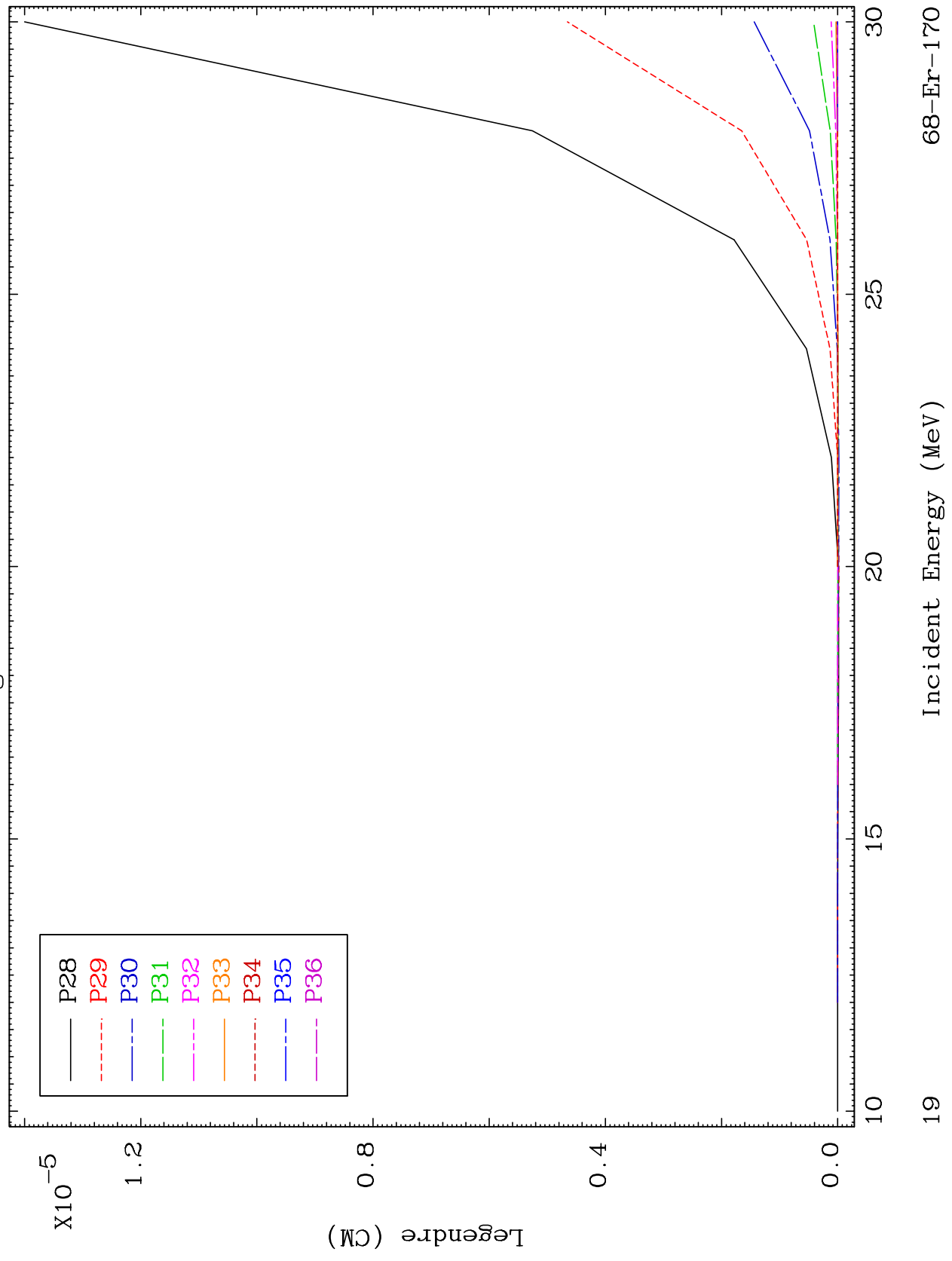
Incident Energy (MeV)

68-Er-170

MAT 6849

Elastic Legendre Coefficients

68-Er-170



19

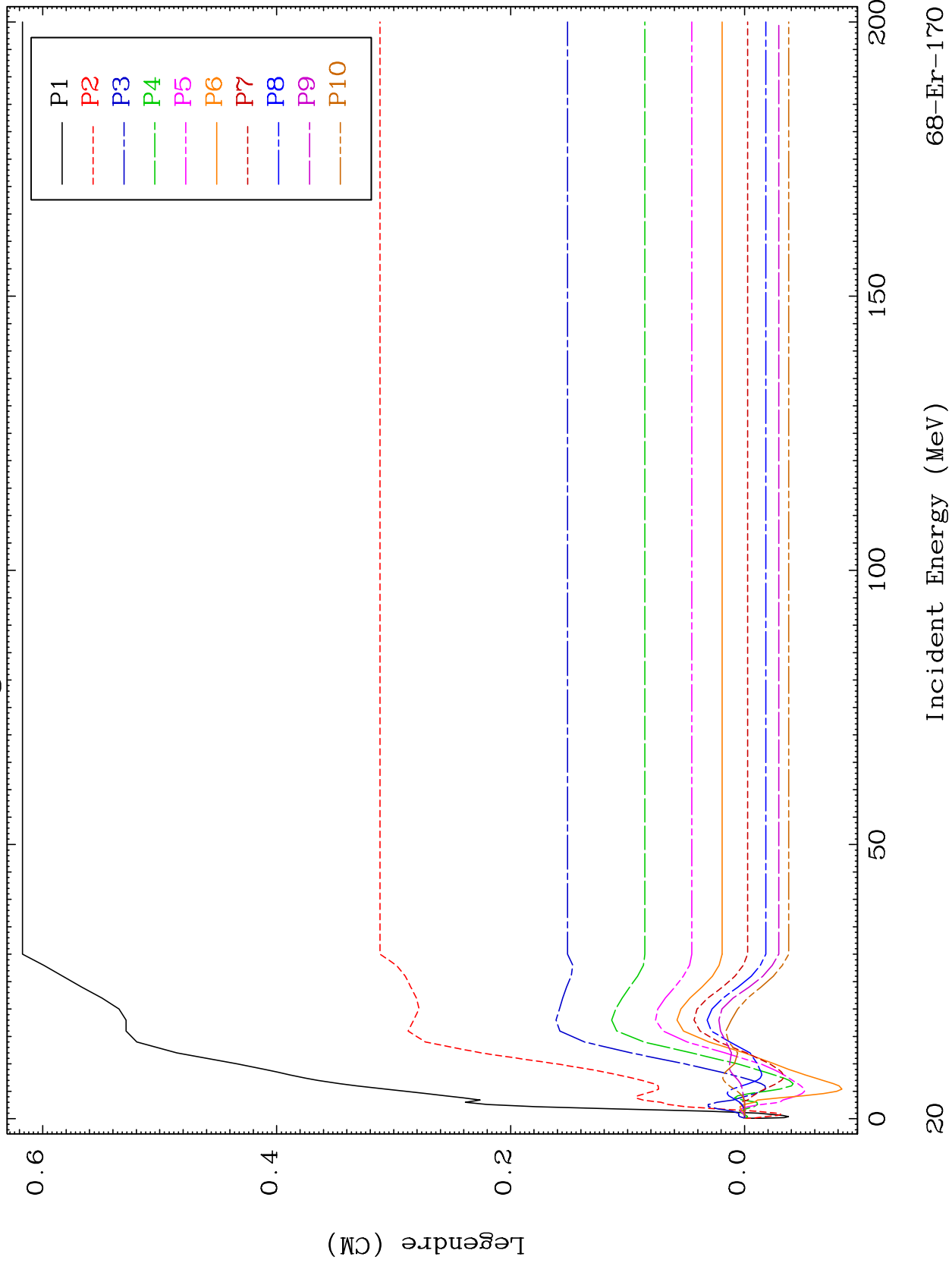
Incident Energy (MeV)

68-Er-170

MAT 6849

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

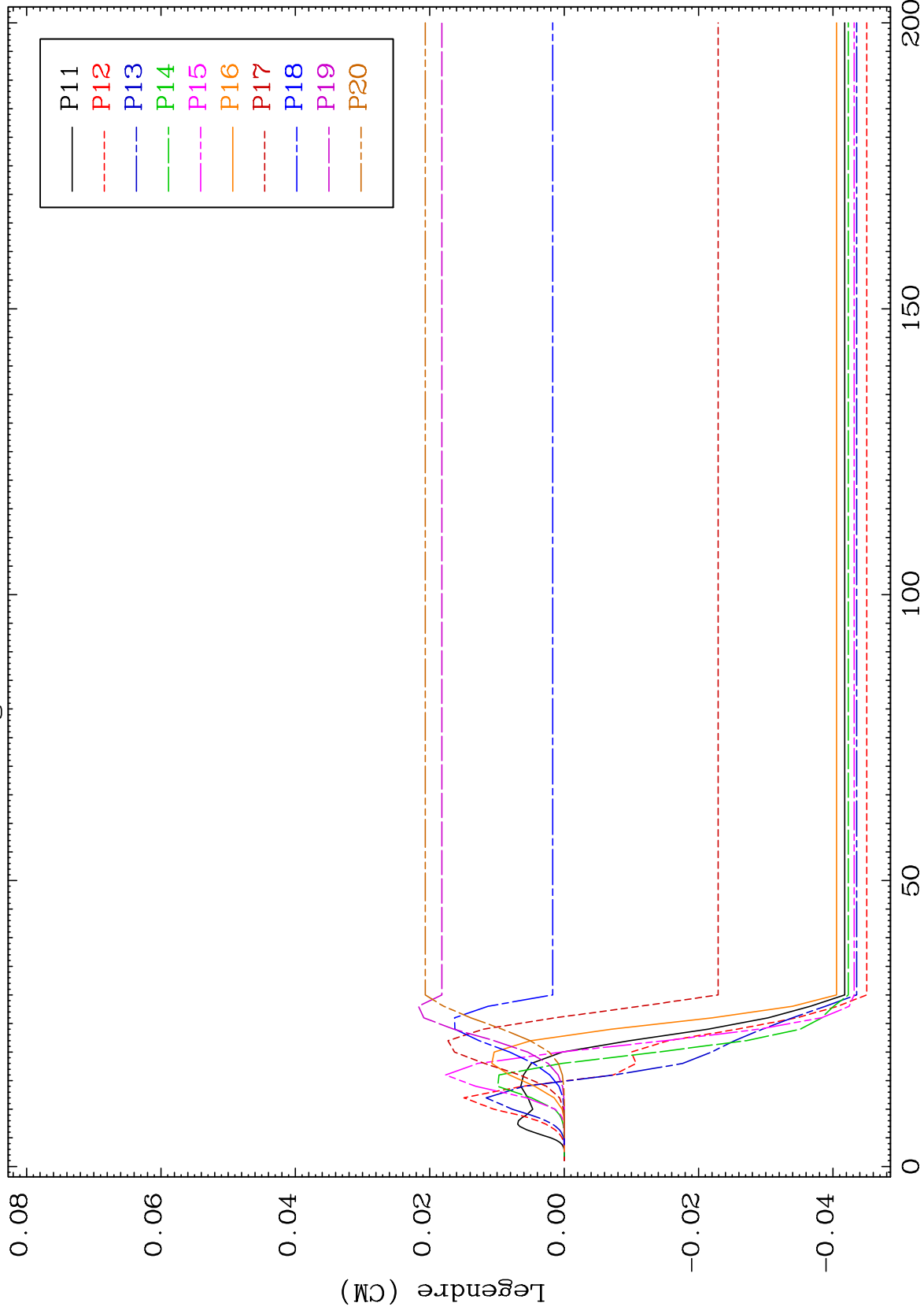
68-Er-170



MAT 6849

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

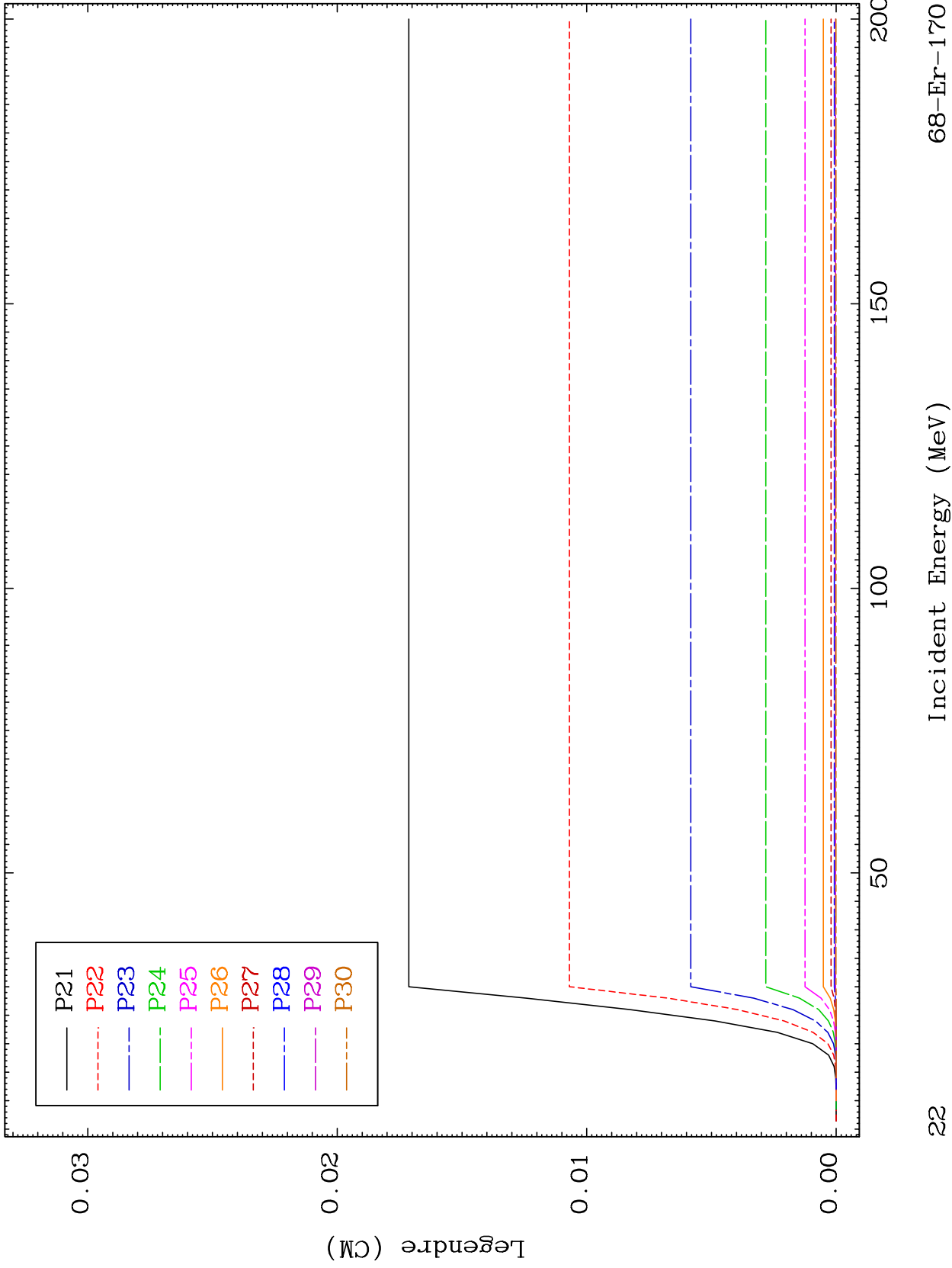
68-Er-170



21

Incident Energy (MeV)

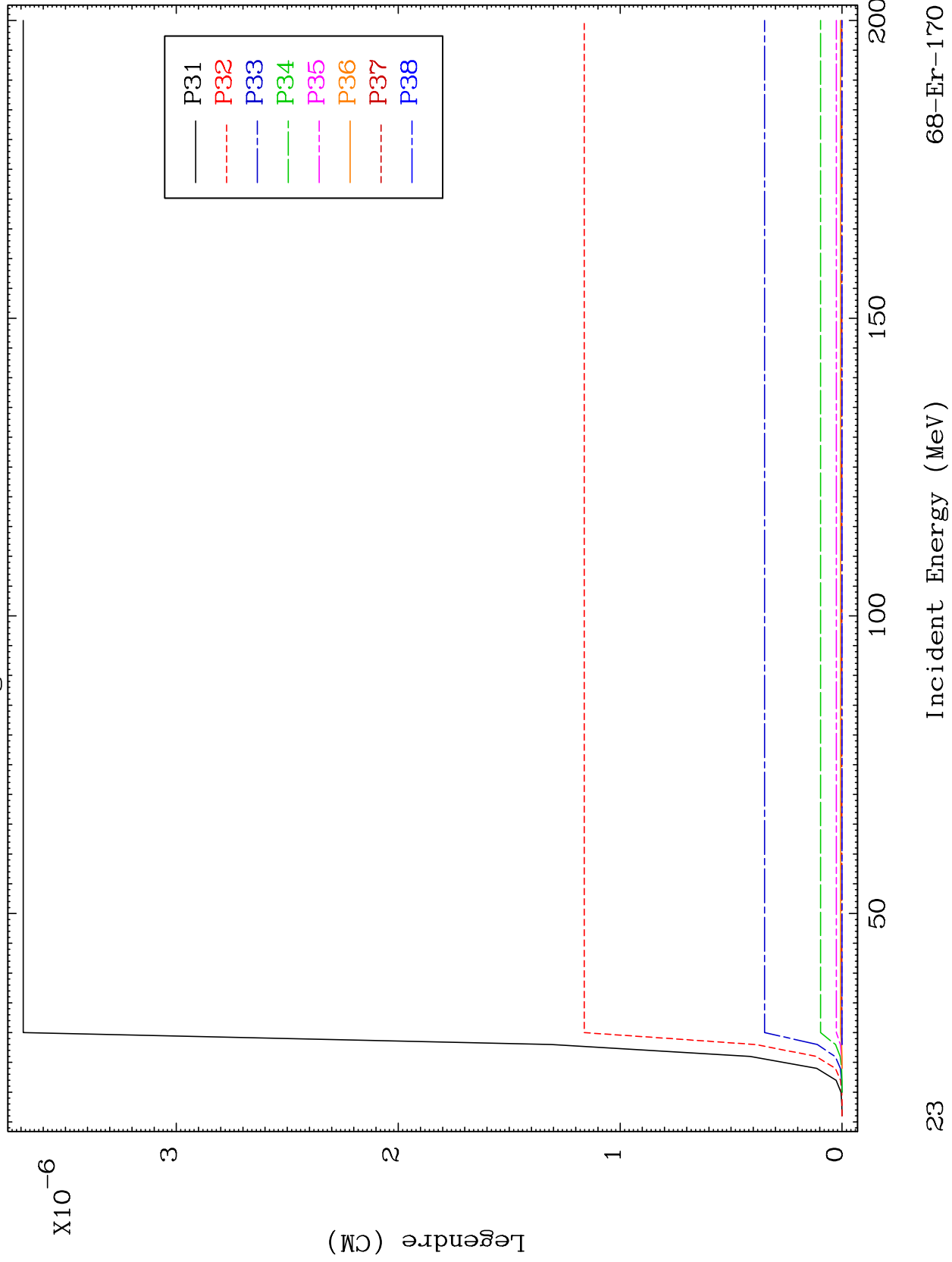
68-Er-170



MAT 6849

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

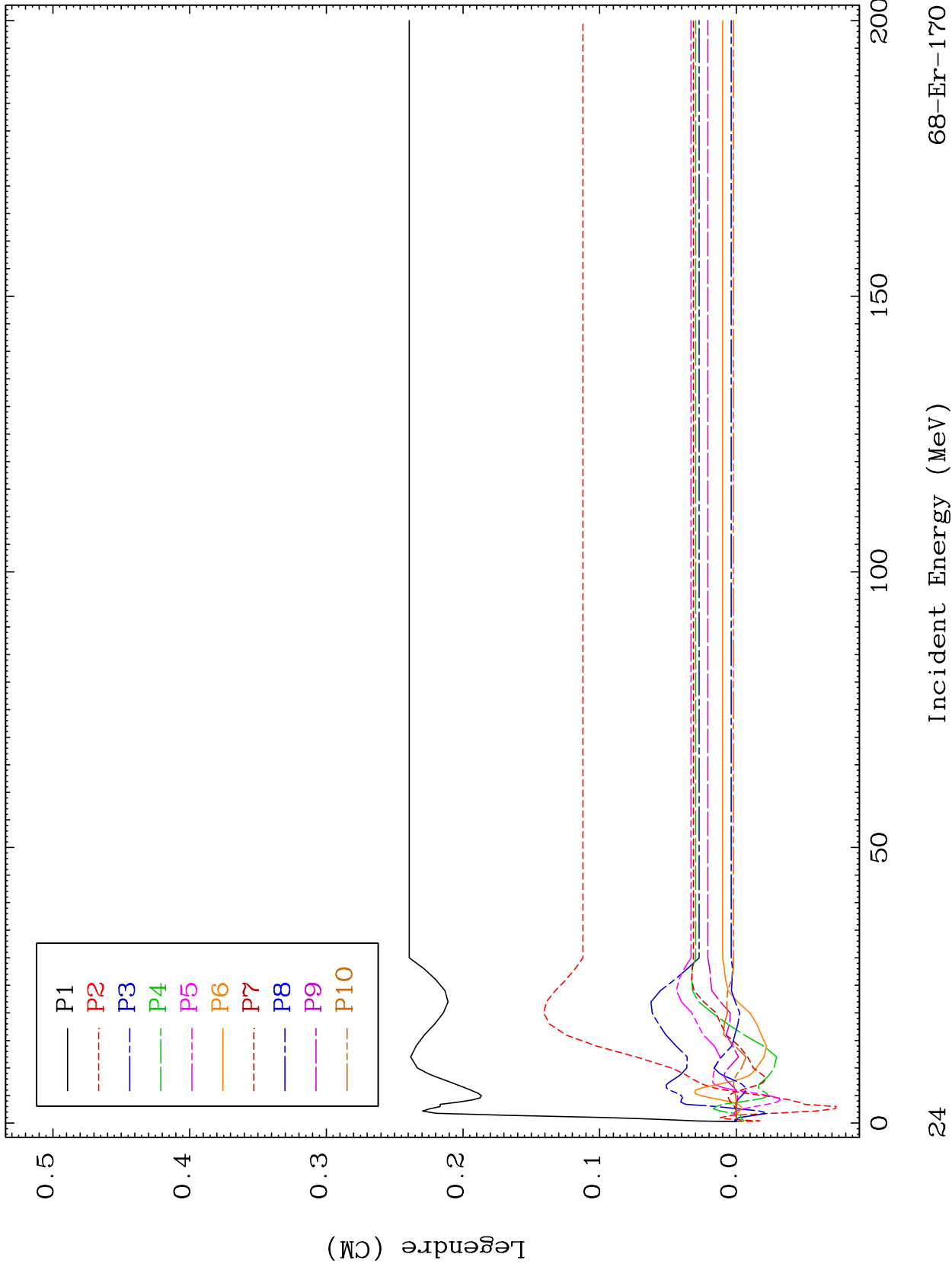
68-Er-170



MAT 6849

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

68-Er-170



24

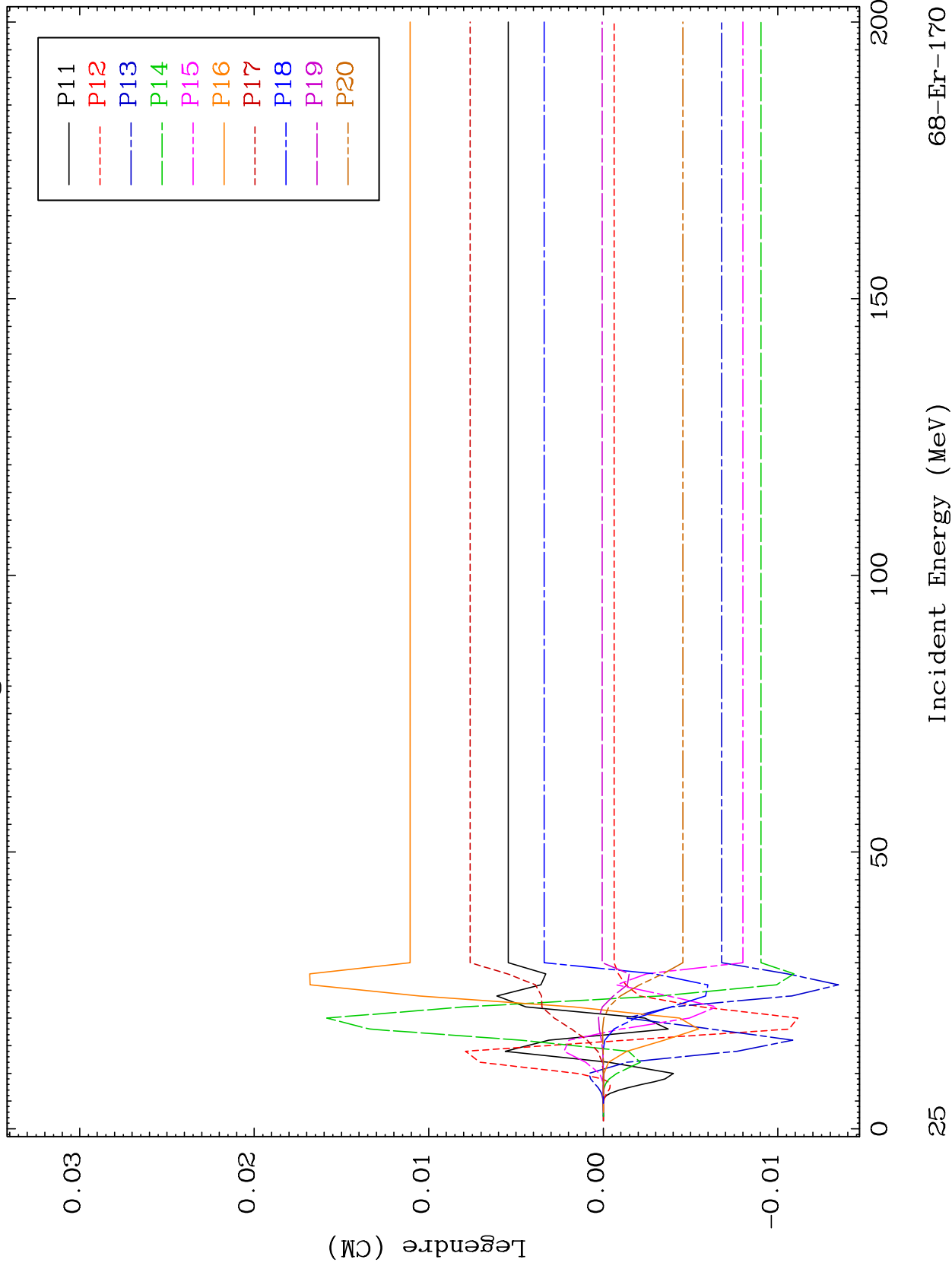
Incident Energy (MeV)

68-Er-170

MAT 6849

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

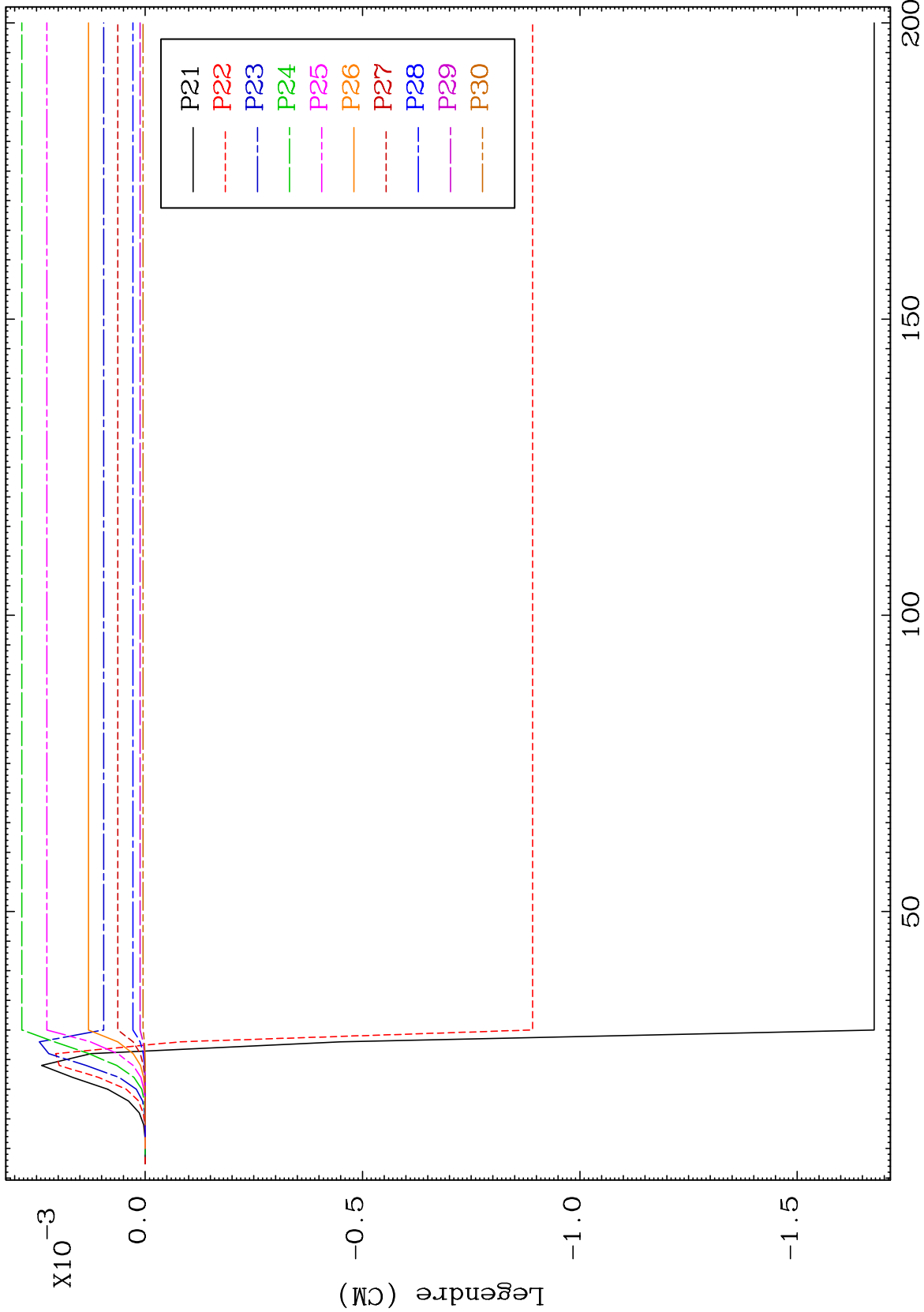
68-Er-170



68-Er-170

Incident Energy (MeV)

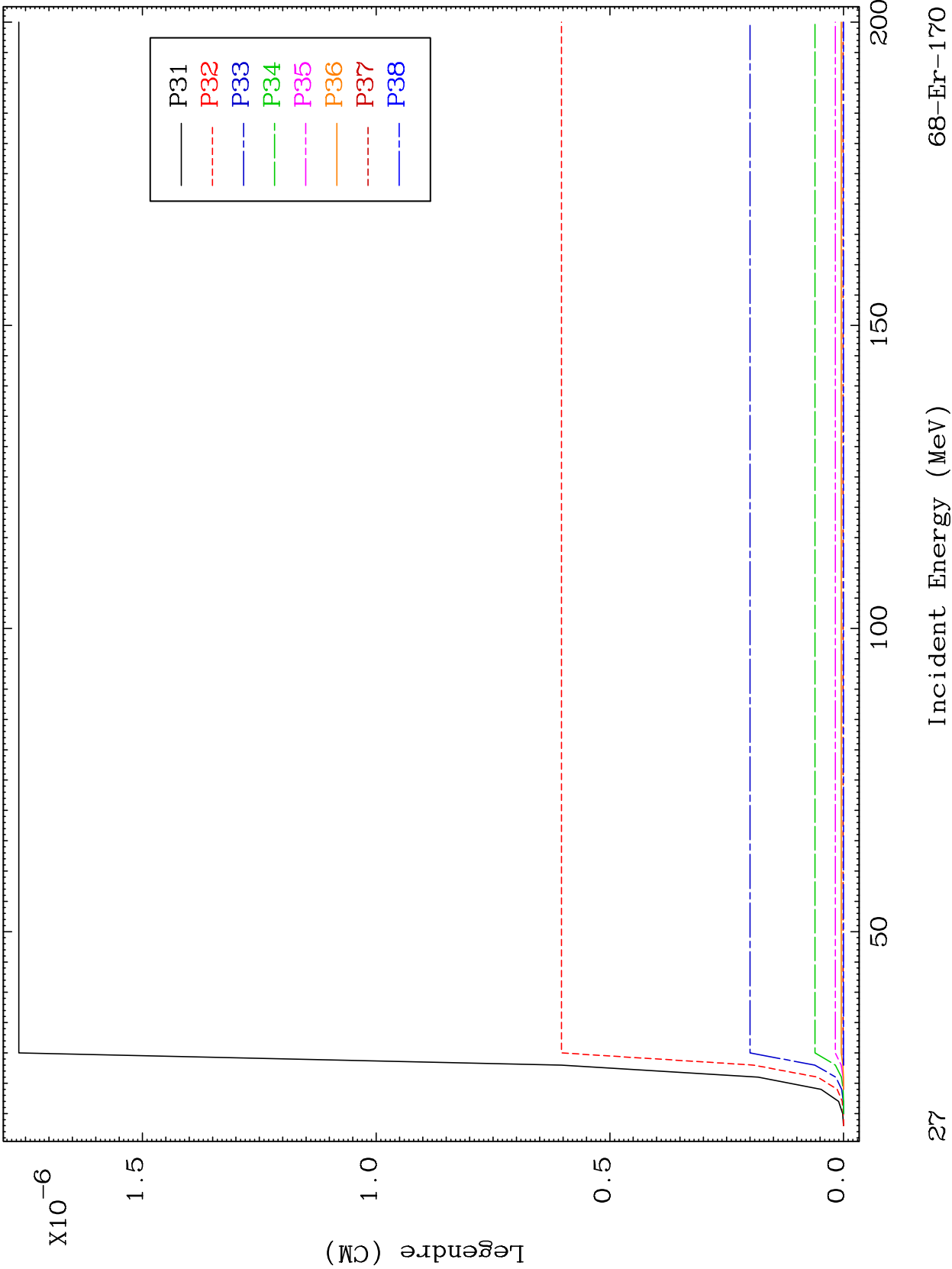
25



MAT 6849

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

68-Er-170



27

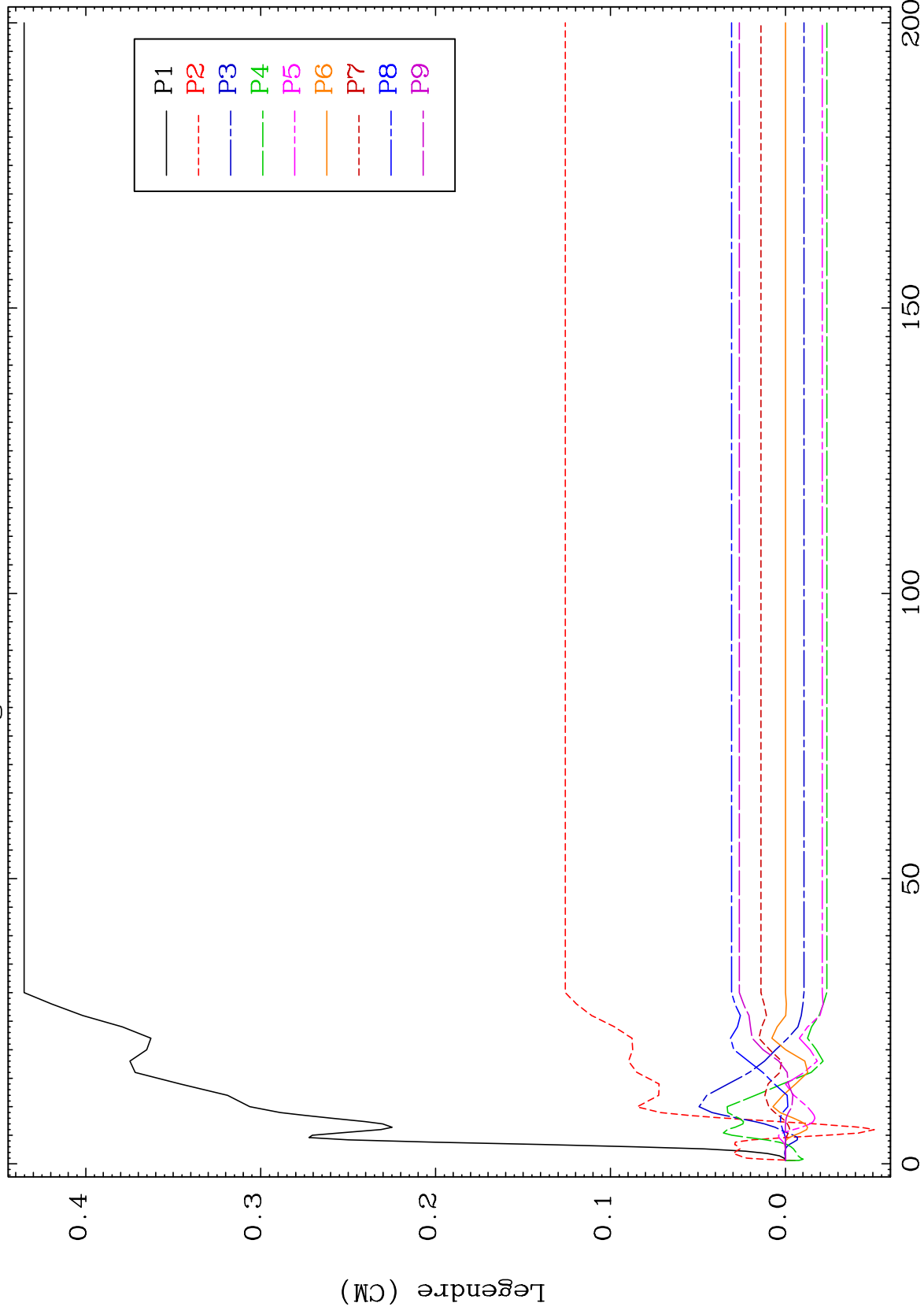
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



28

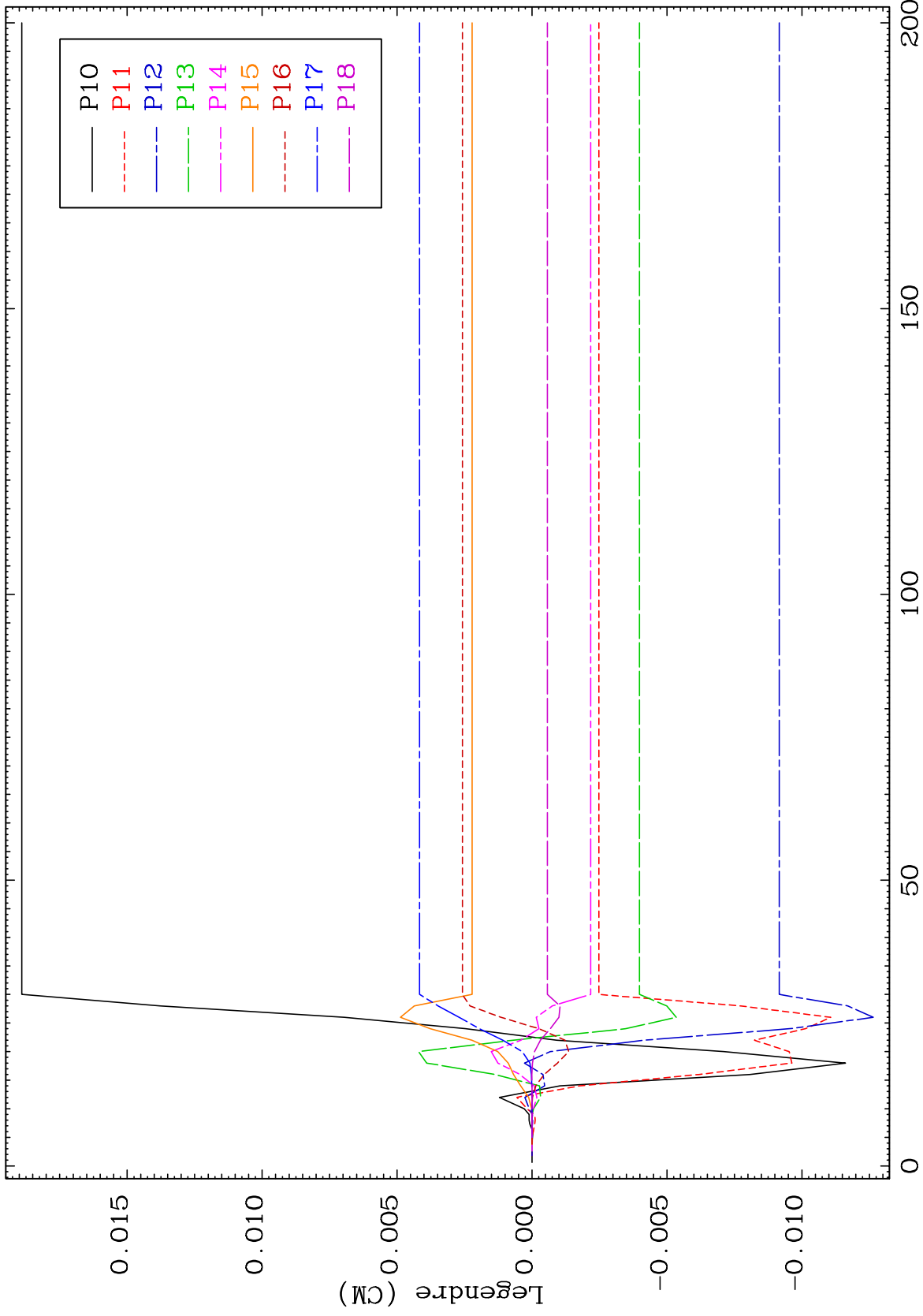
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



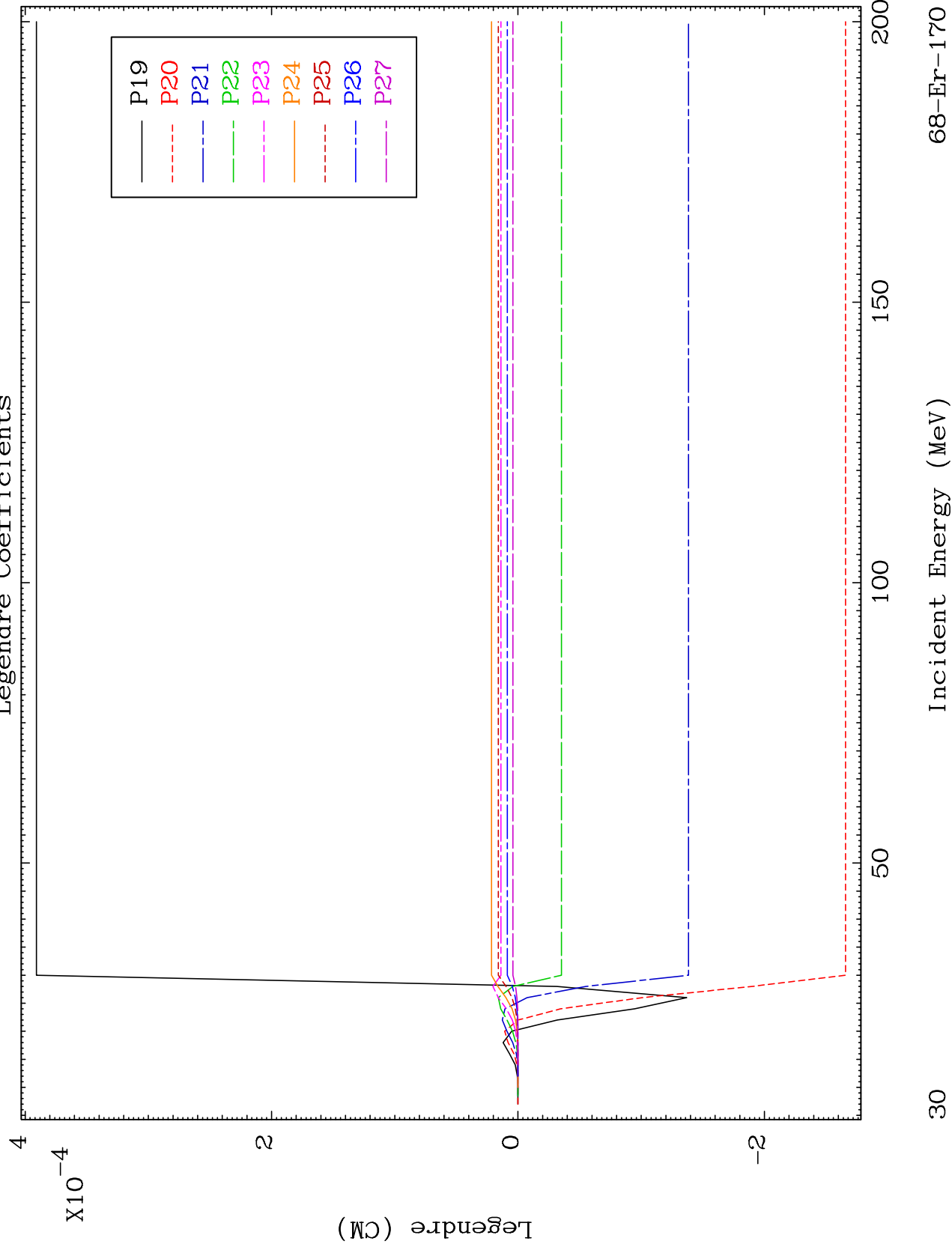
29

68-Er-170

MAT 6849

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

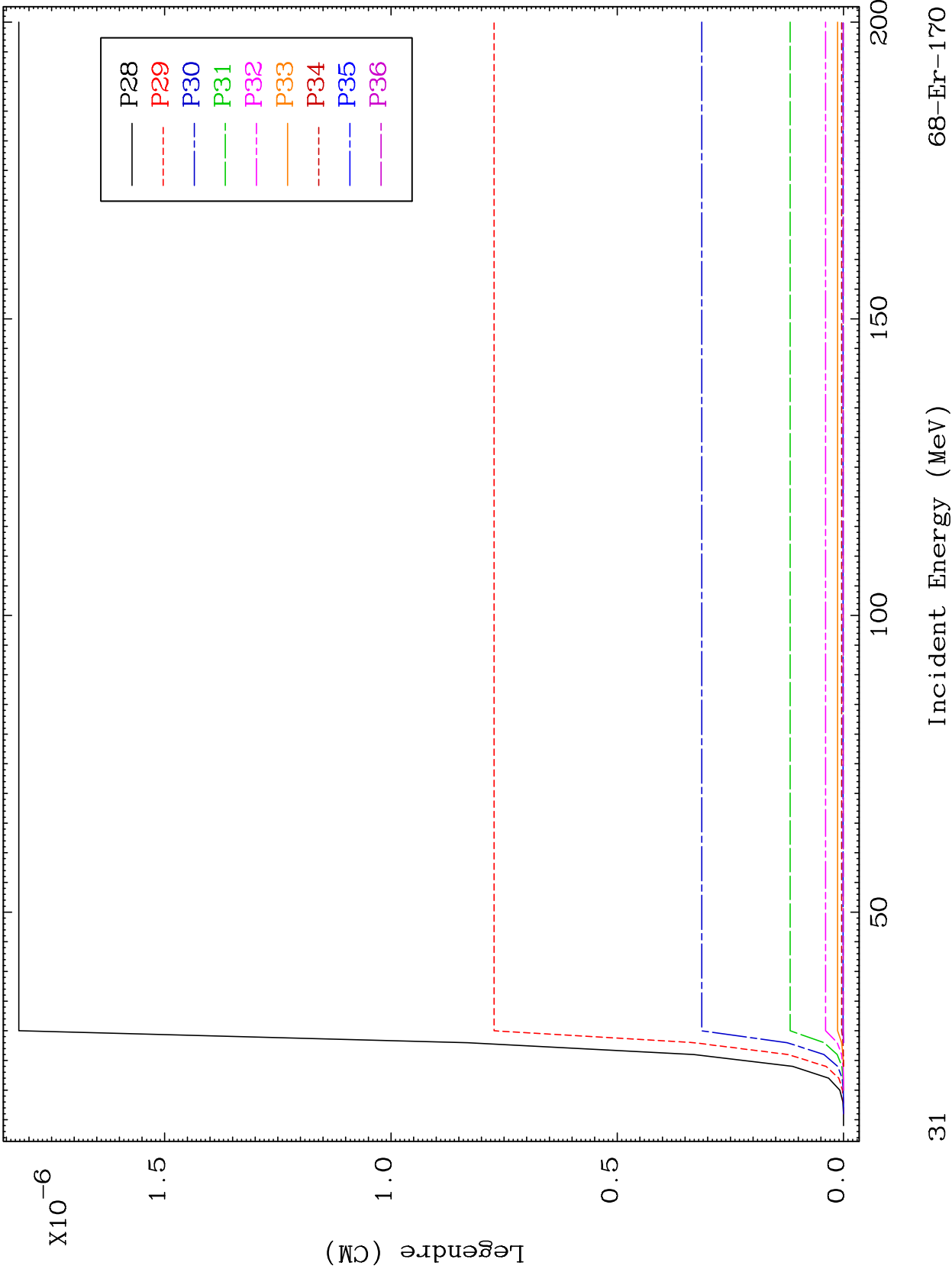
68-Er-170



MAT 6849

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

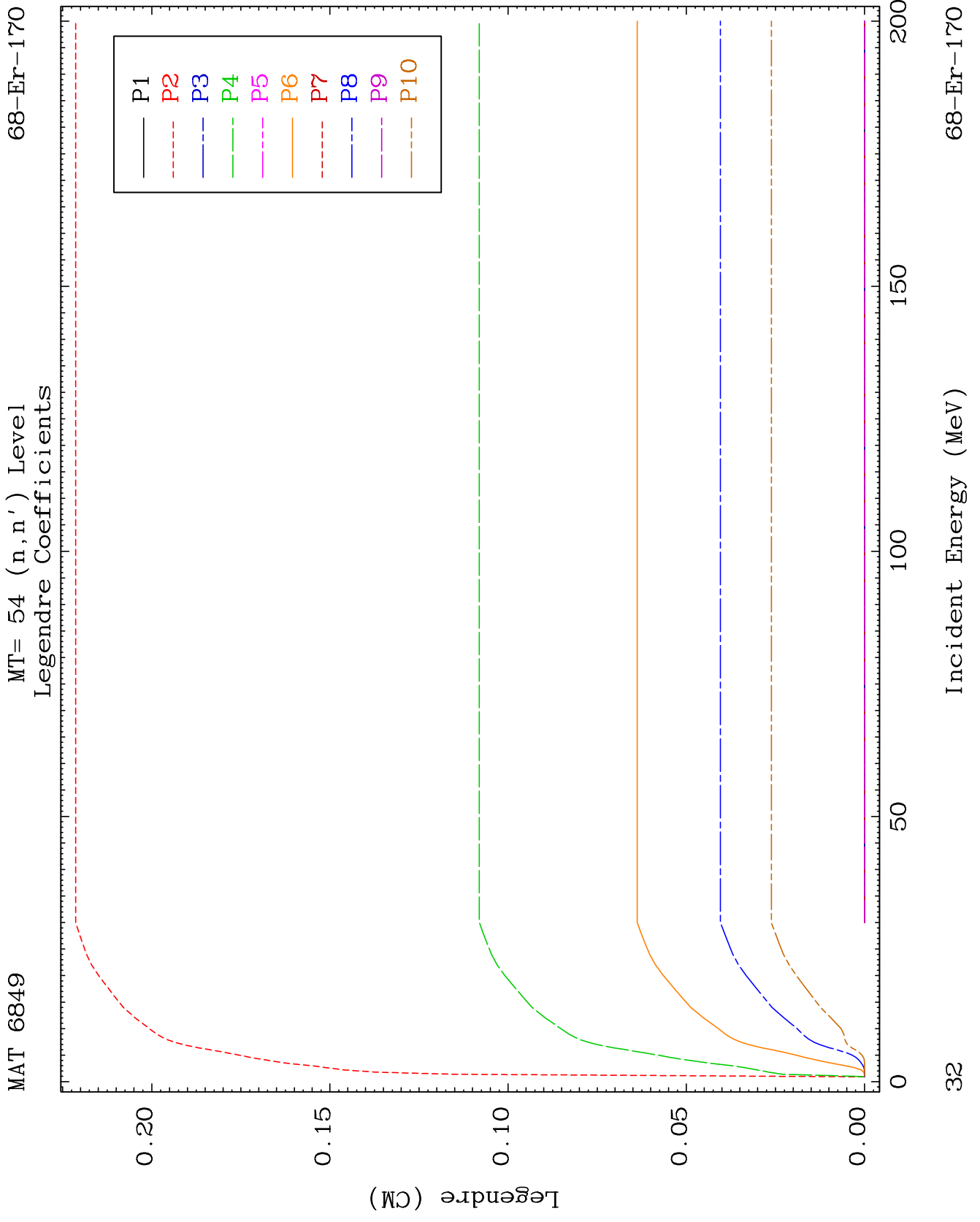
68-Er-170



31

Incident Energy (MeV)

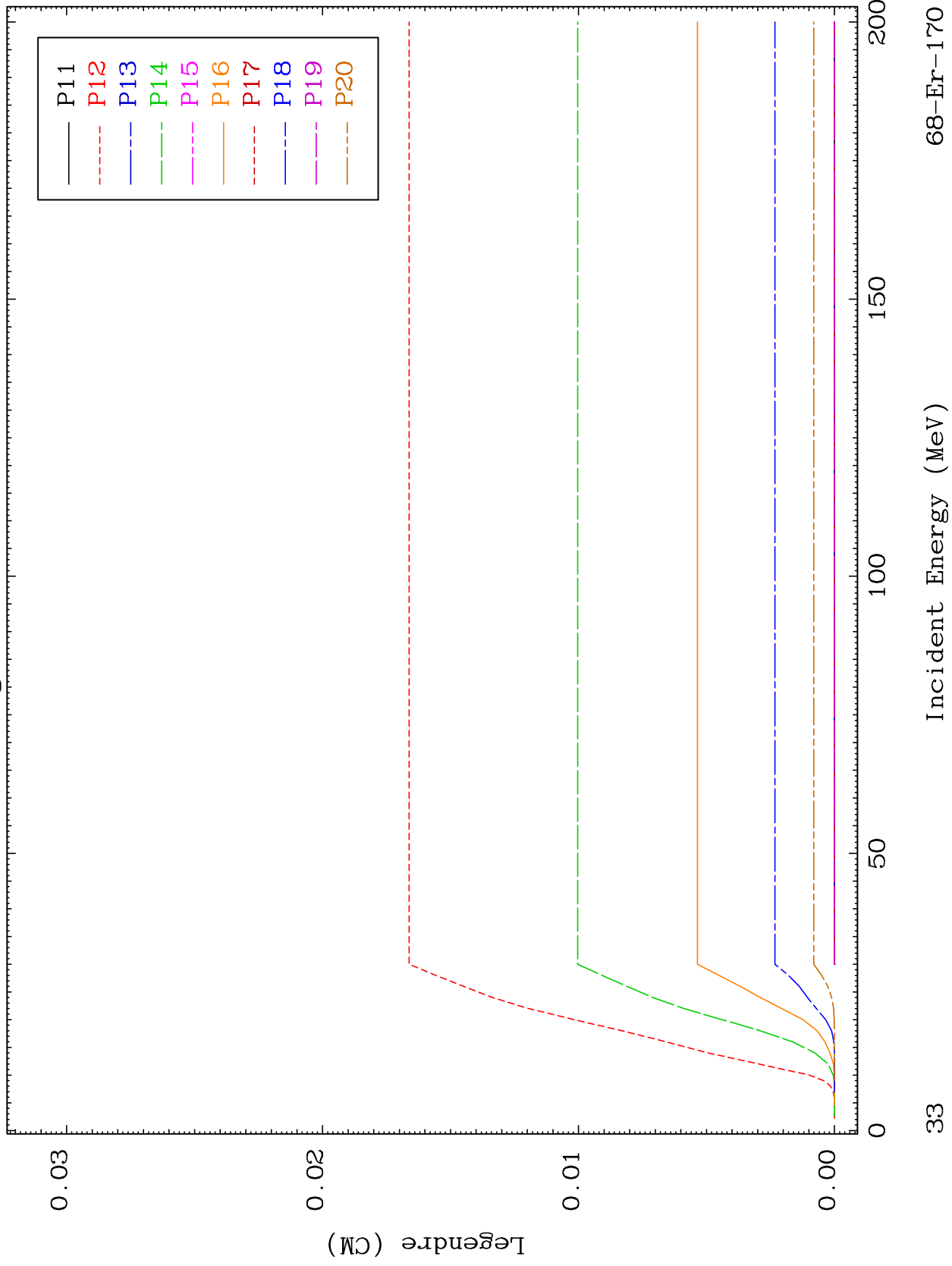
68-Er-170



MAT 6849

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

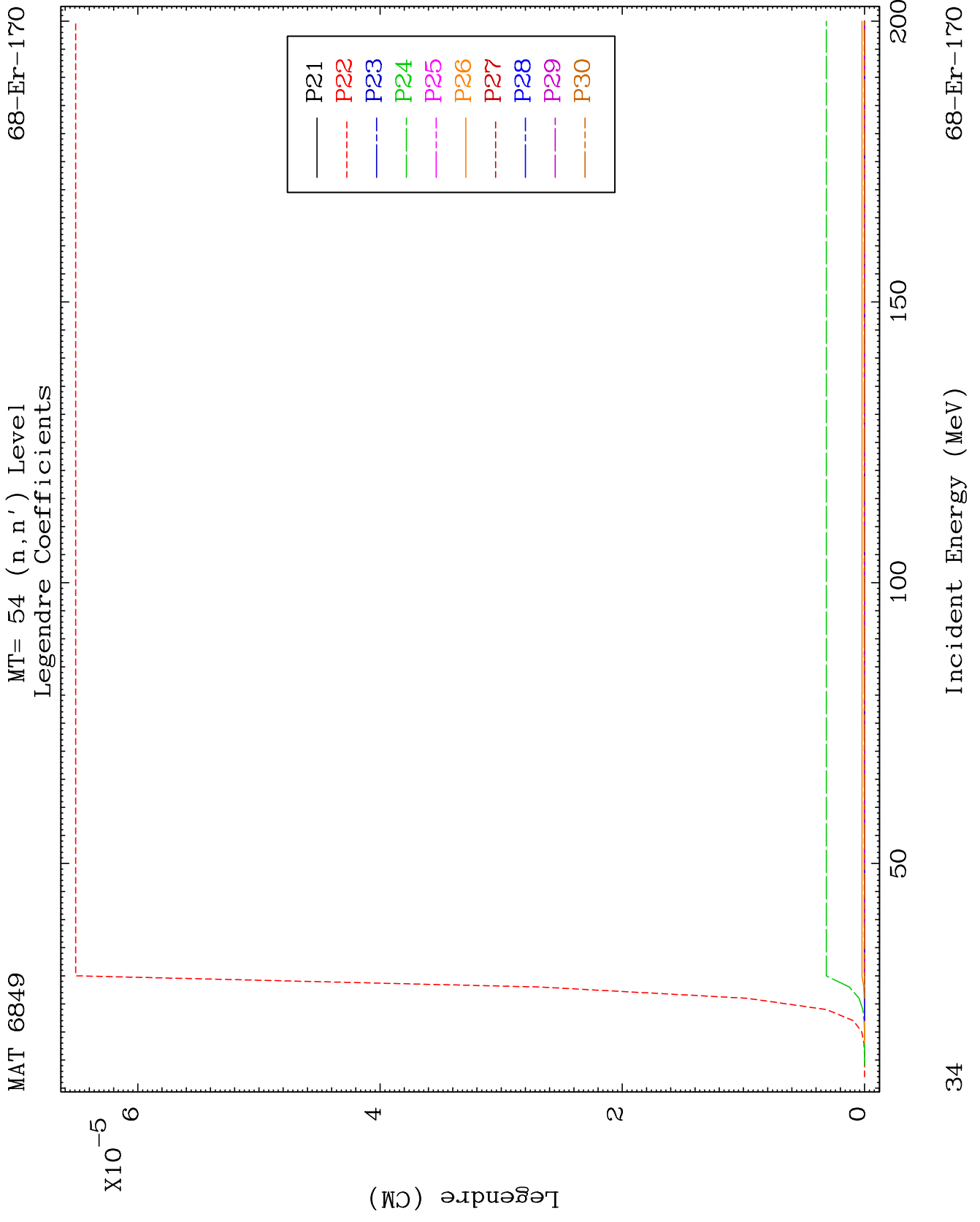
68-Er-170



33

Incident Energy (MeV)

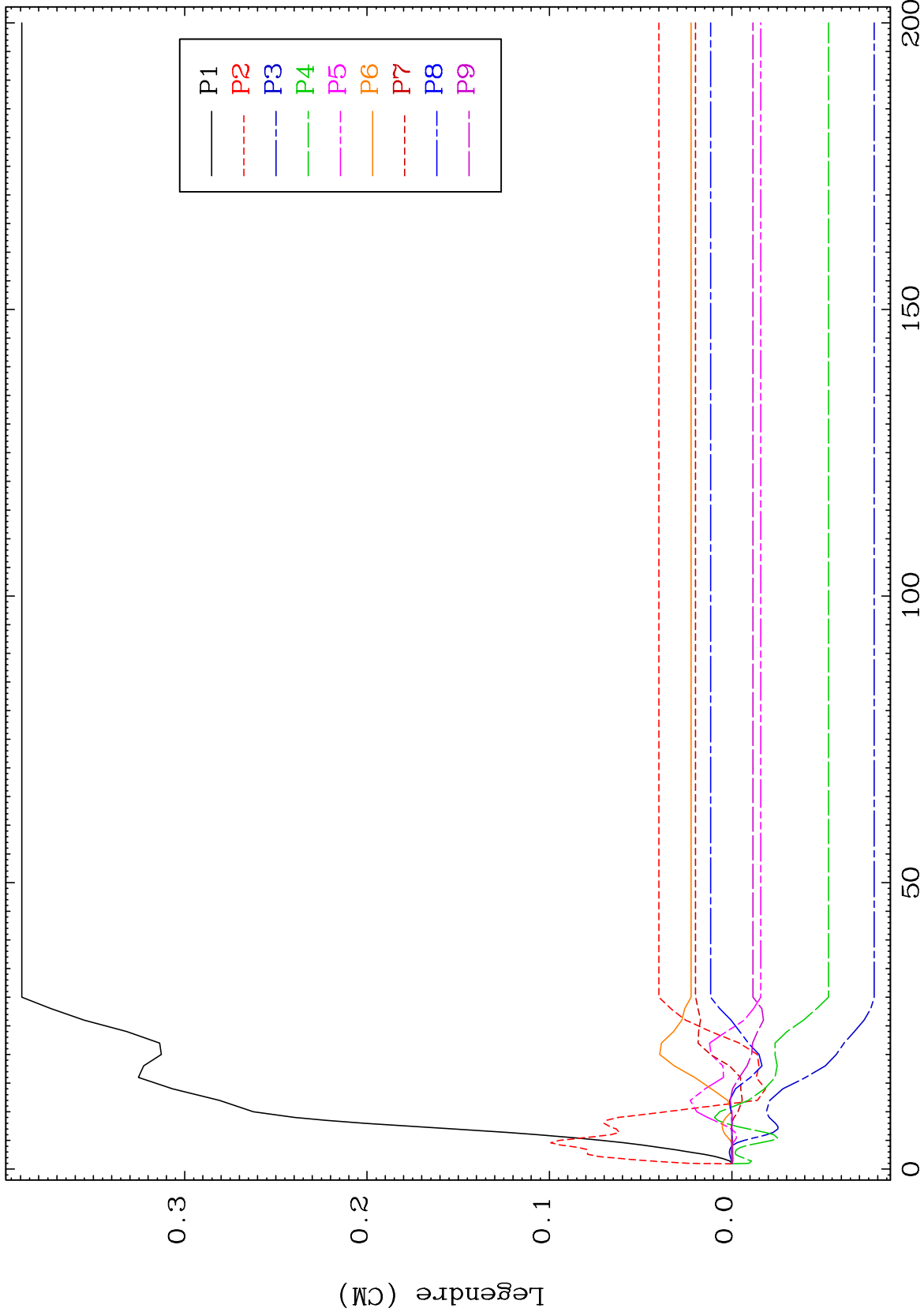
68-Er-170



MAT 6849

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

68-Er-170



68-Er-170

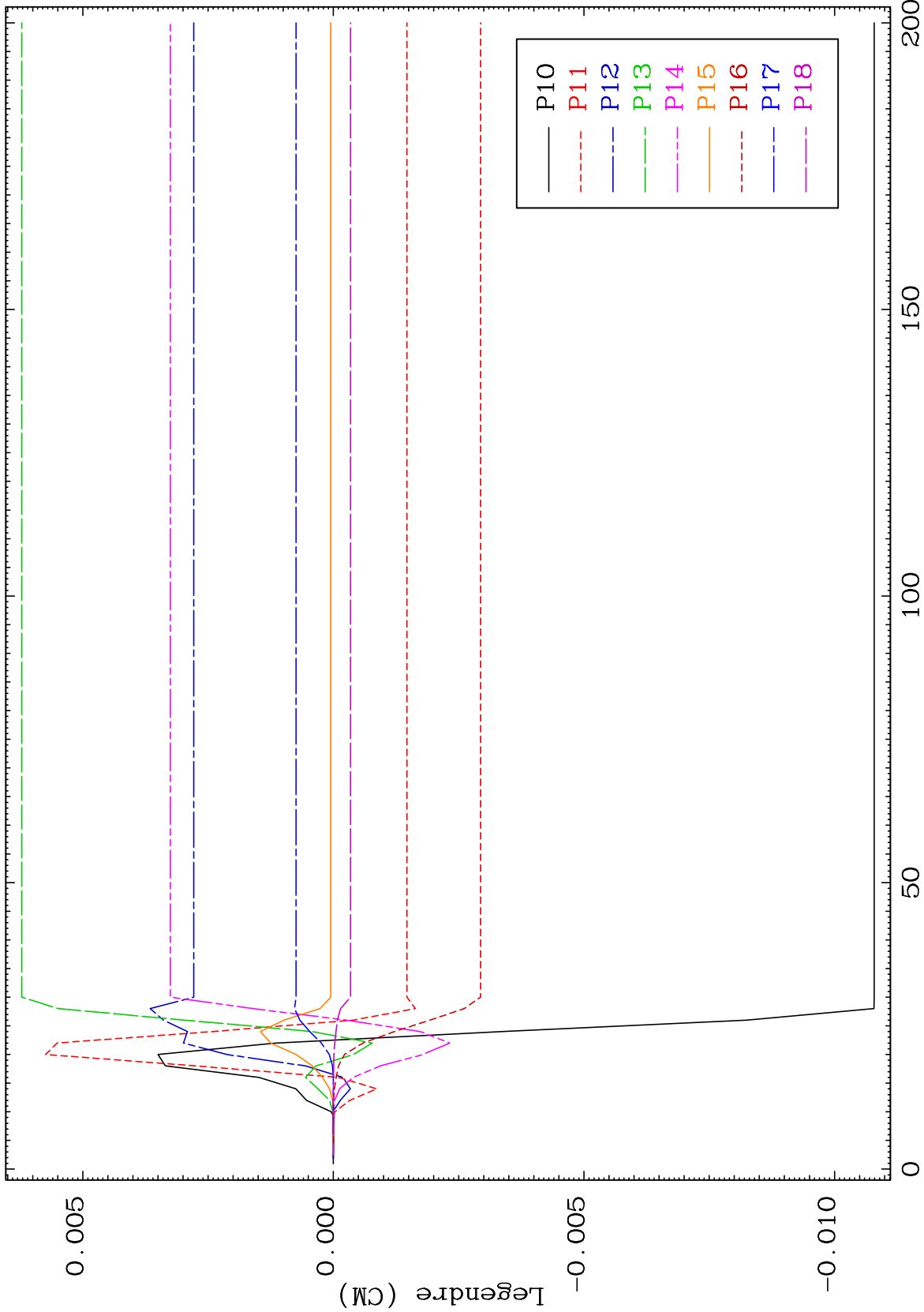
Incident Energy (MeV)

35

MAT 6849

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

68-Er-170



36

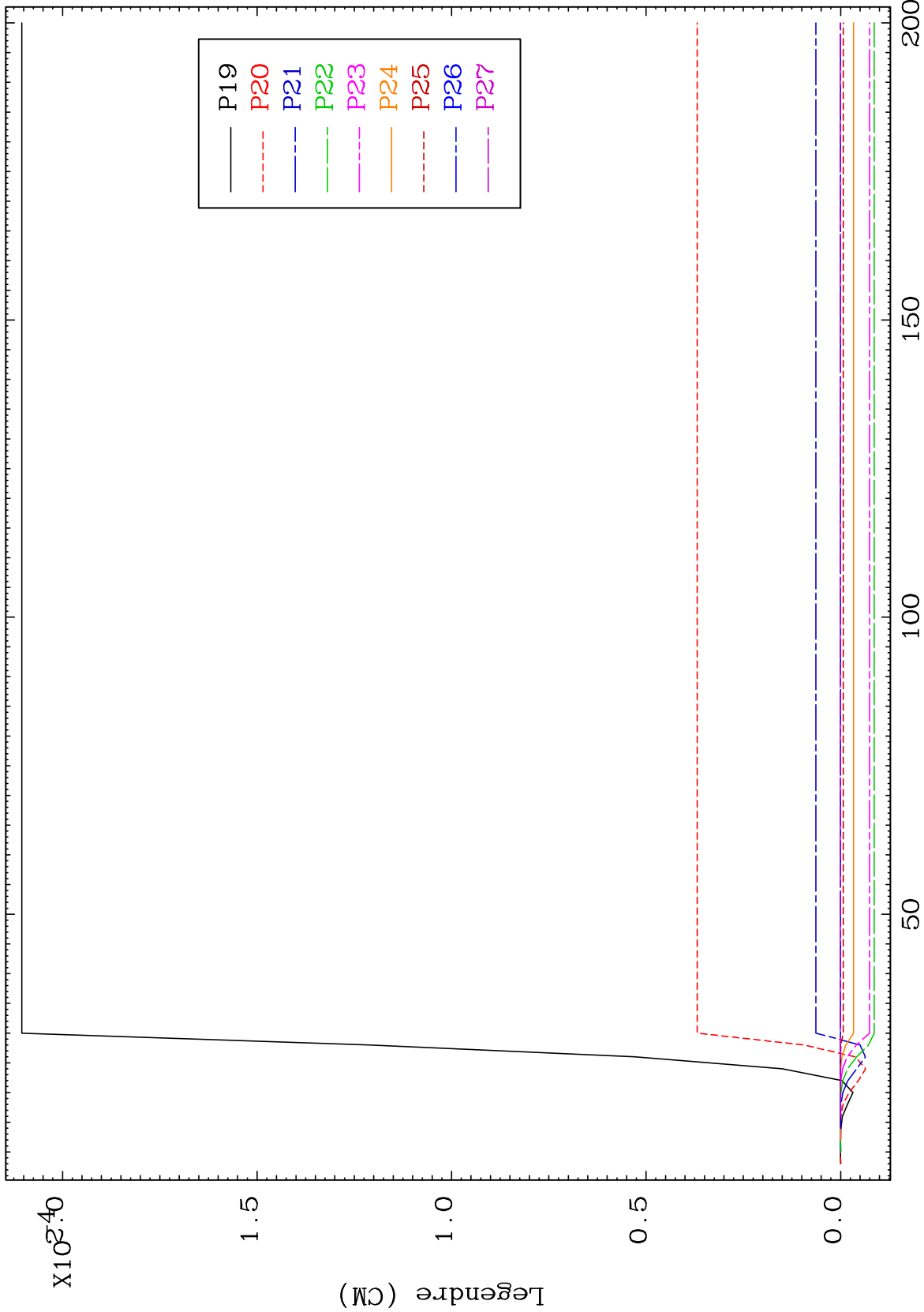
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



37

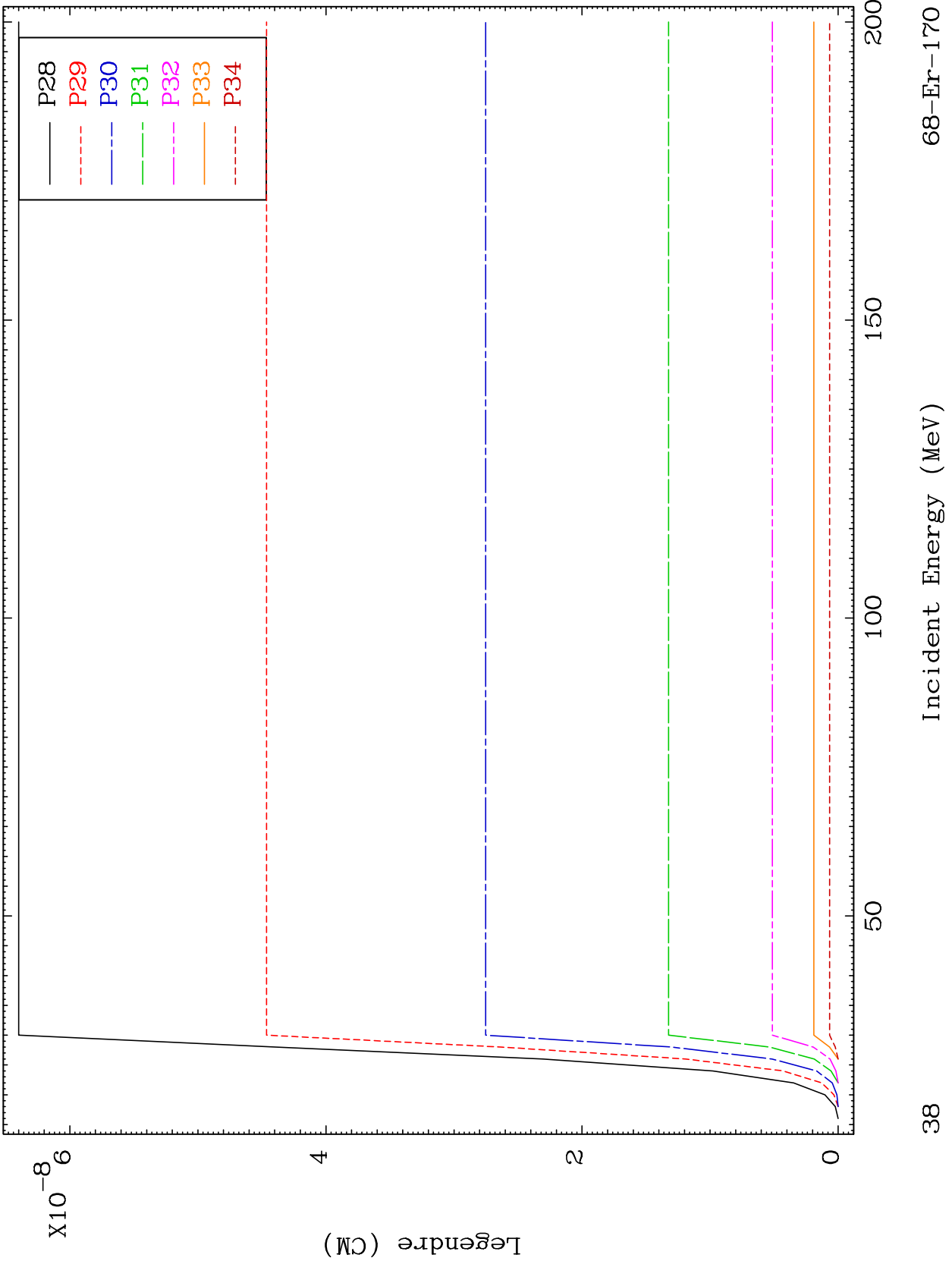
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



38

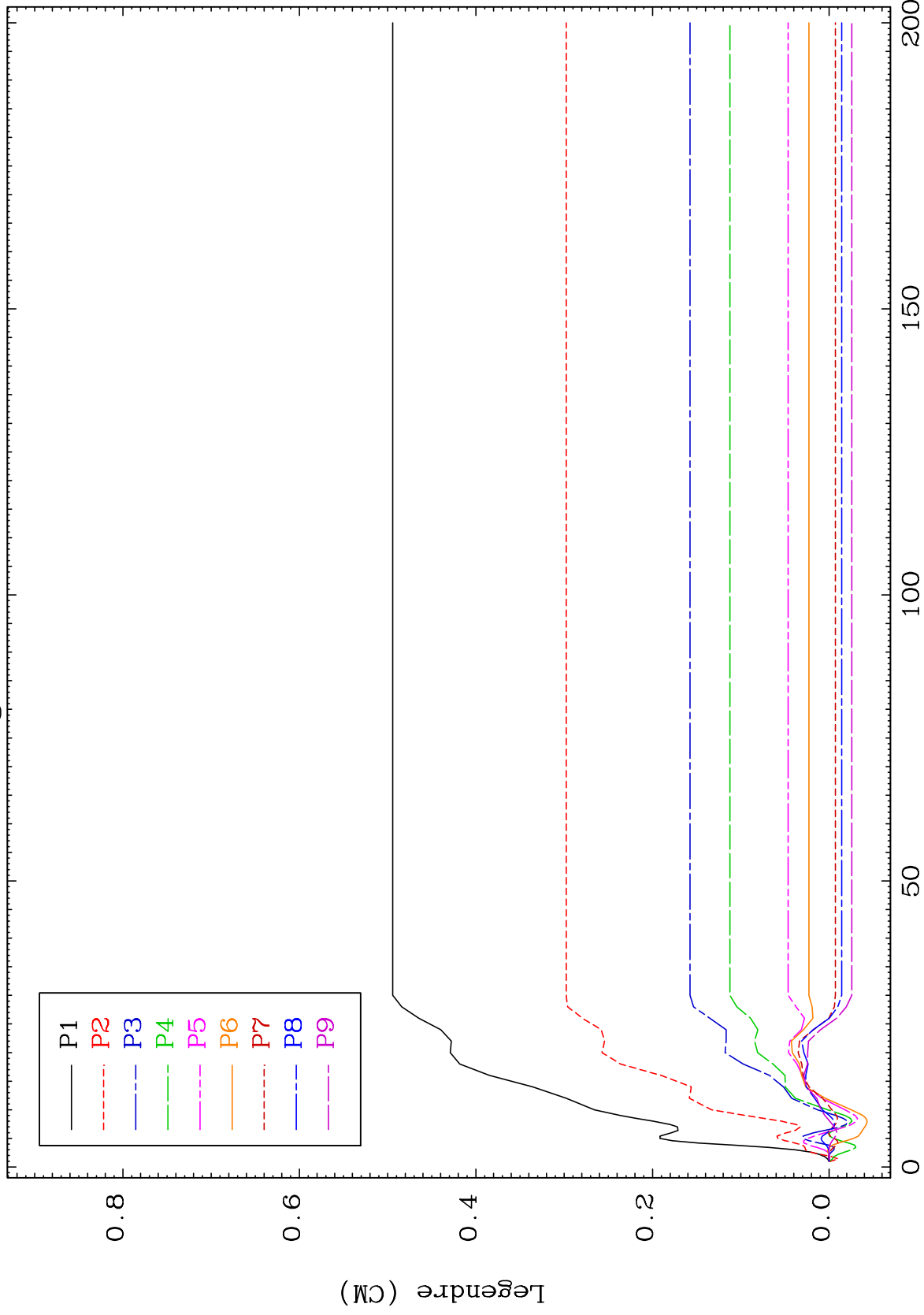
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



39

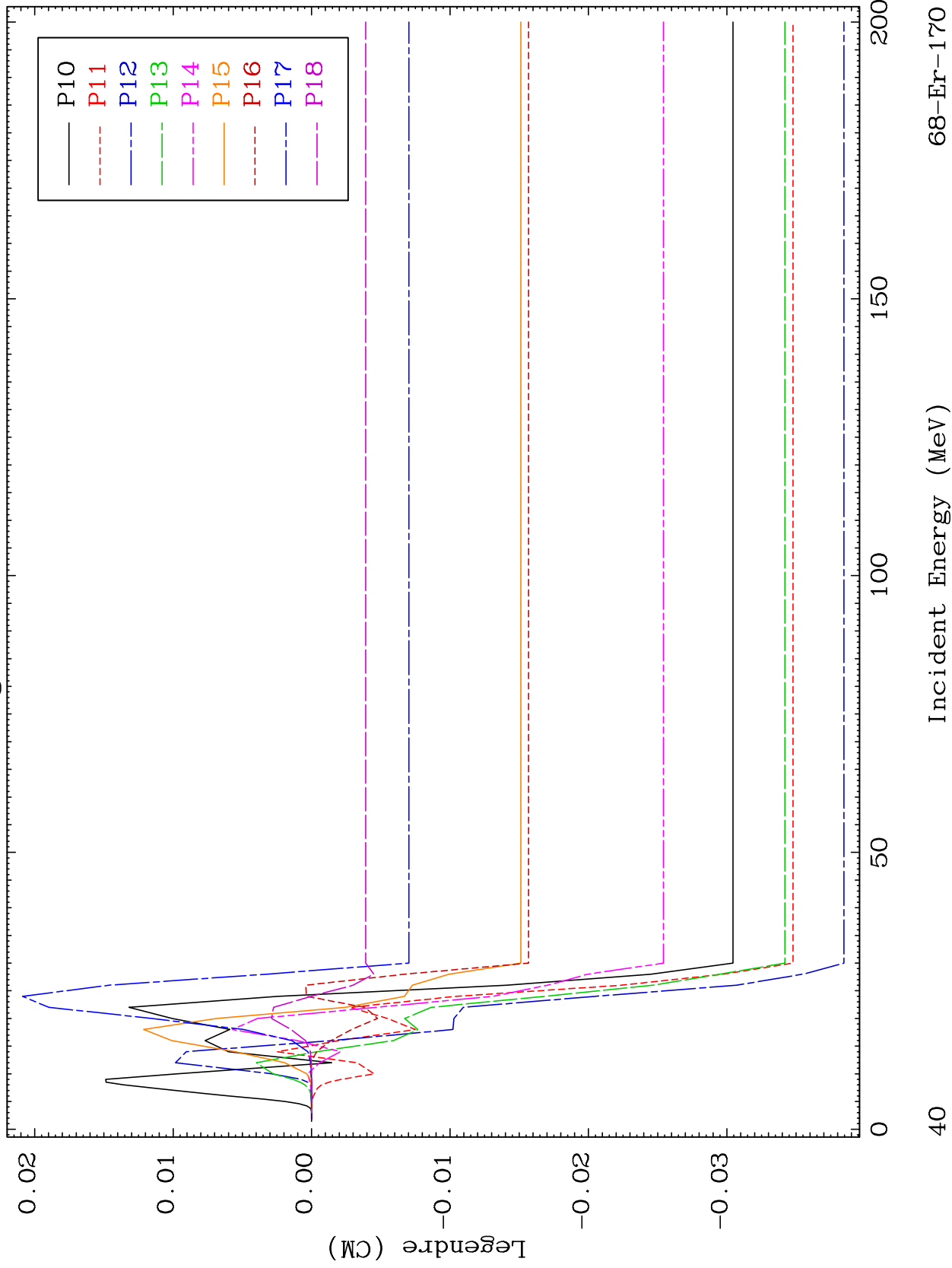
Incident Energy (MeV)

68-Er-170

MAT 6849

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

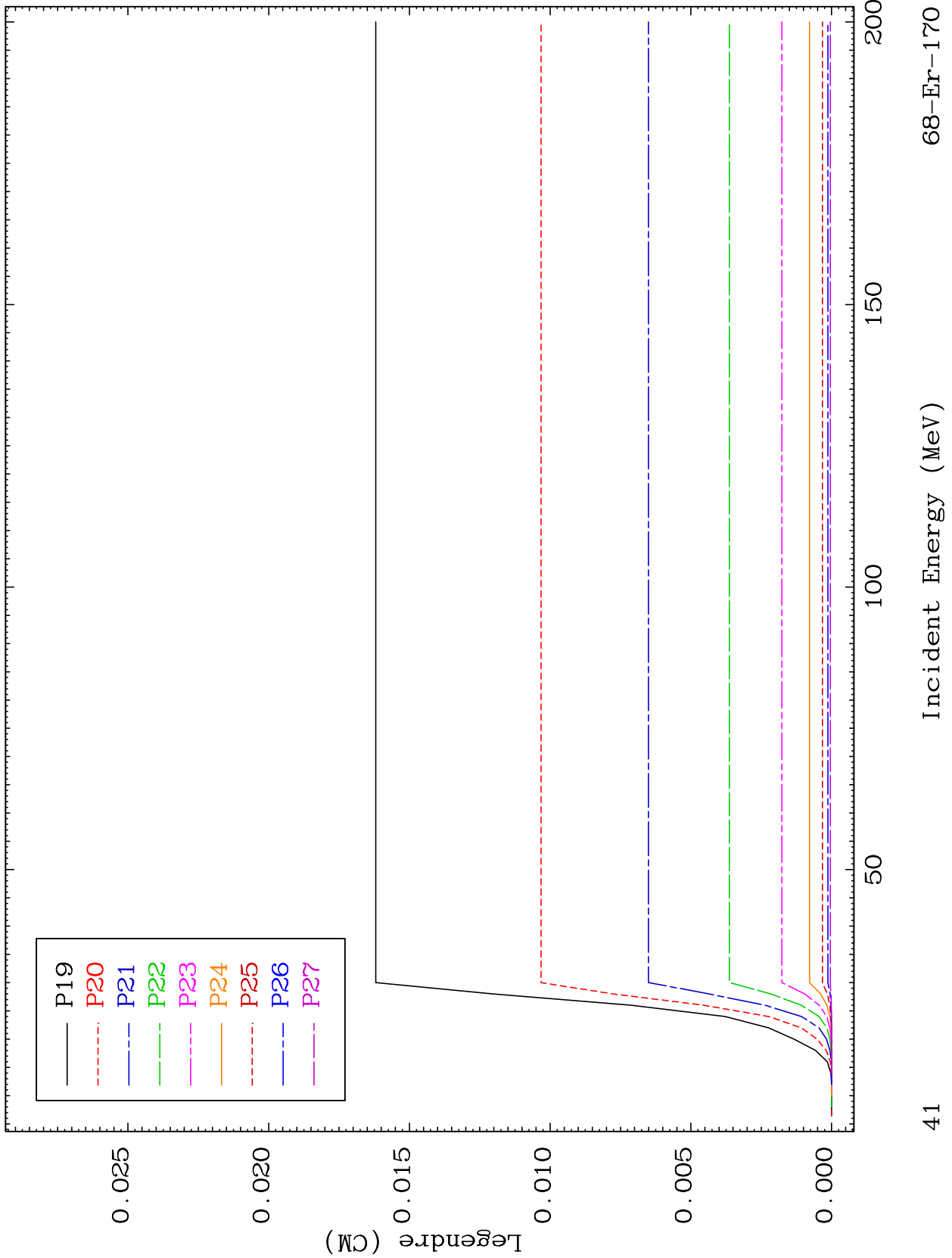
68-Er-170



68-Er-170

Incident Energy (MeV)

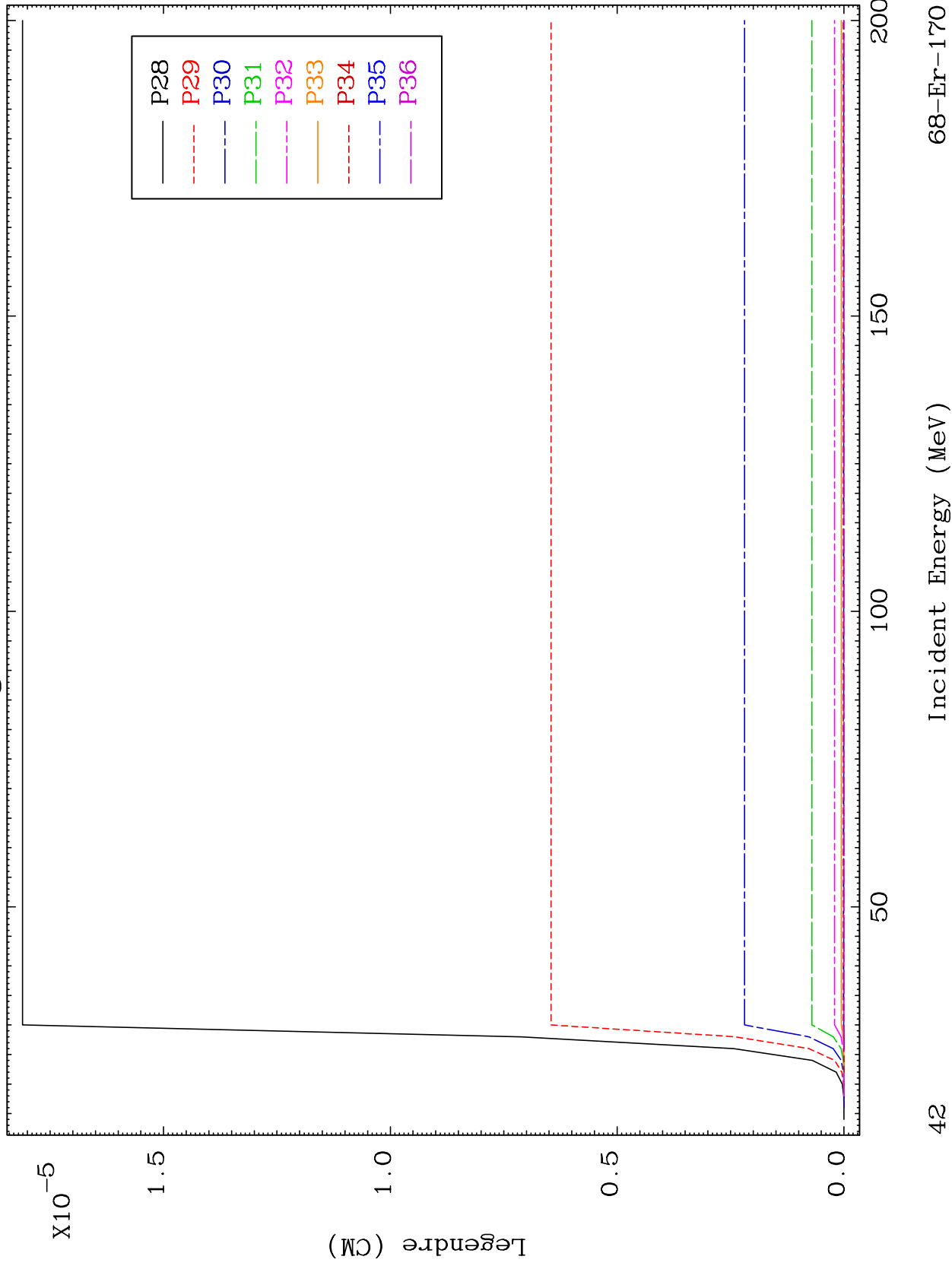
40



MAT 6849

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

68-Er-170



42

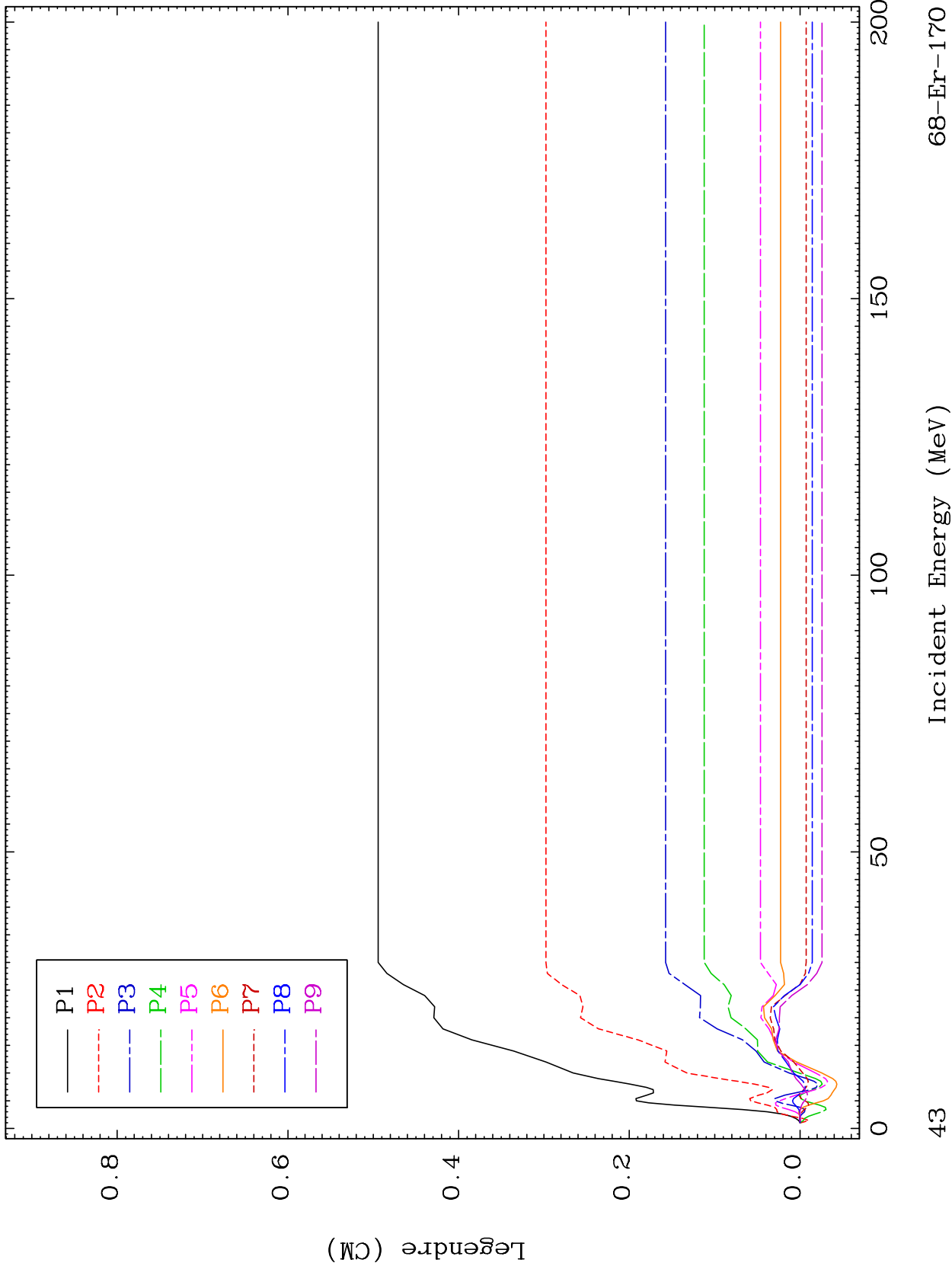
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170

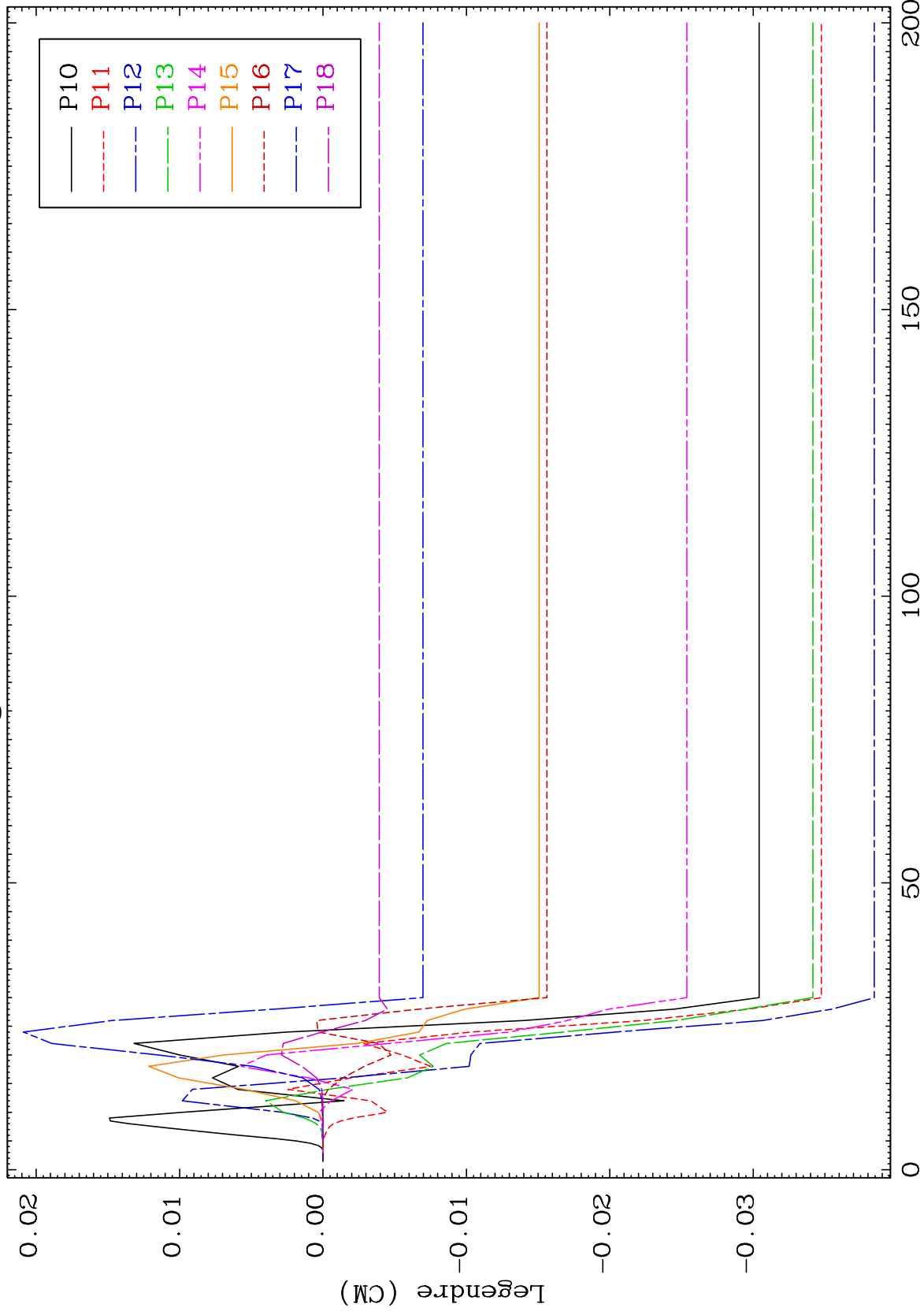


43

MAT 6849

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

68-Er-170



44

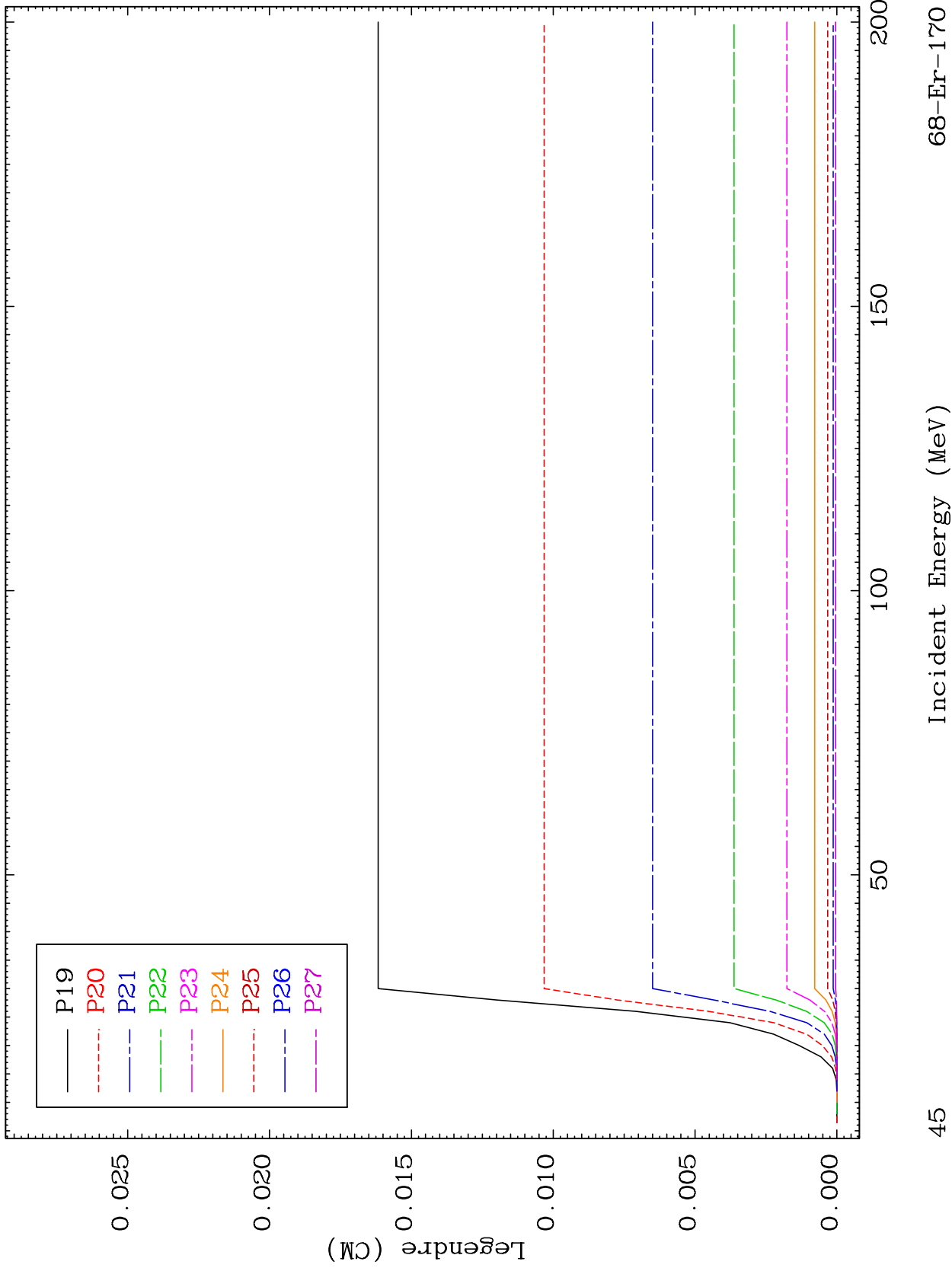
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



45

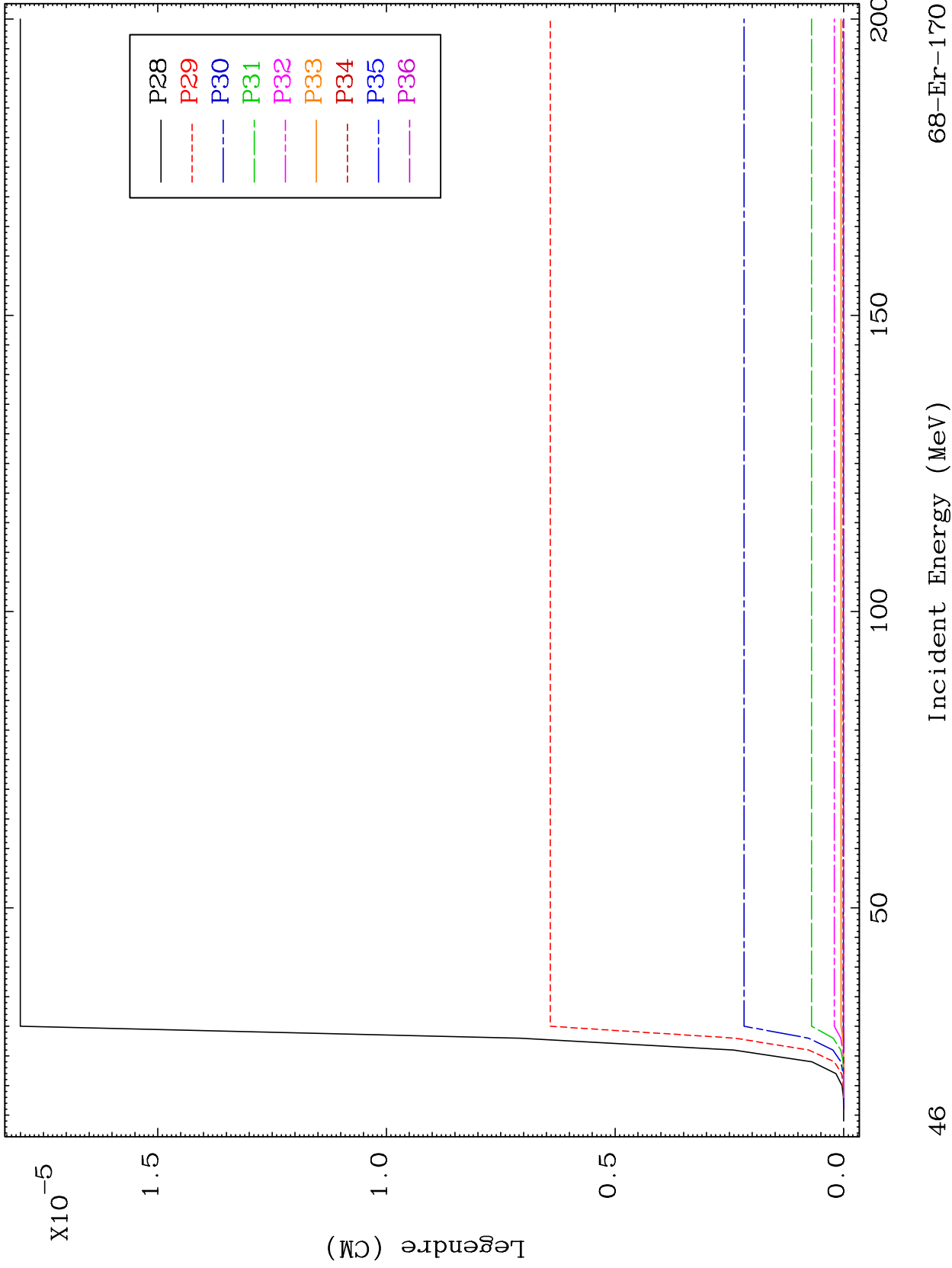
Incident Energy (MeV)

68-Er-170

MAT 6849

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

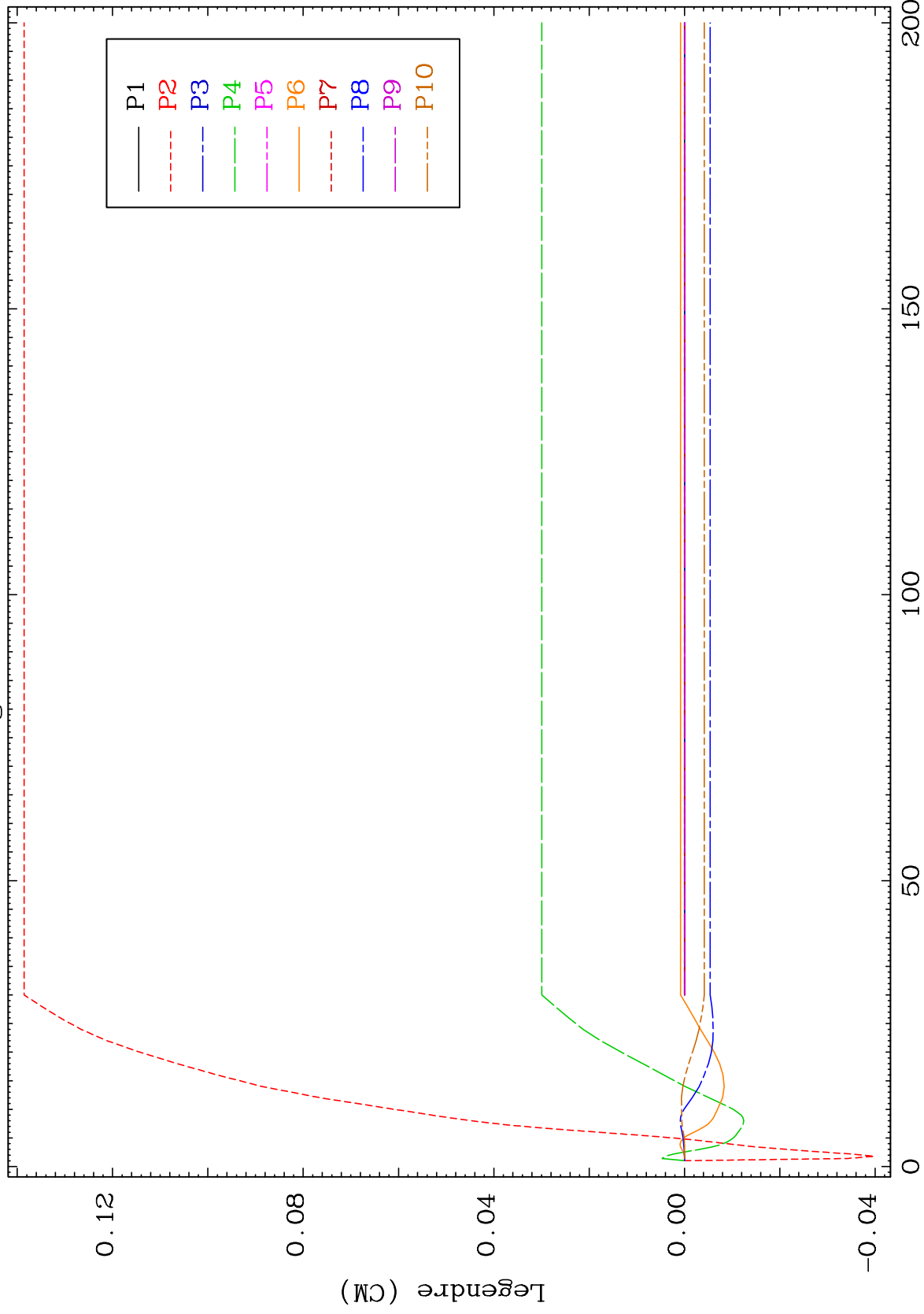
68-Er-170



MAT 6849

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

68-Er-170



47

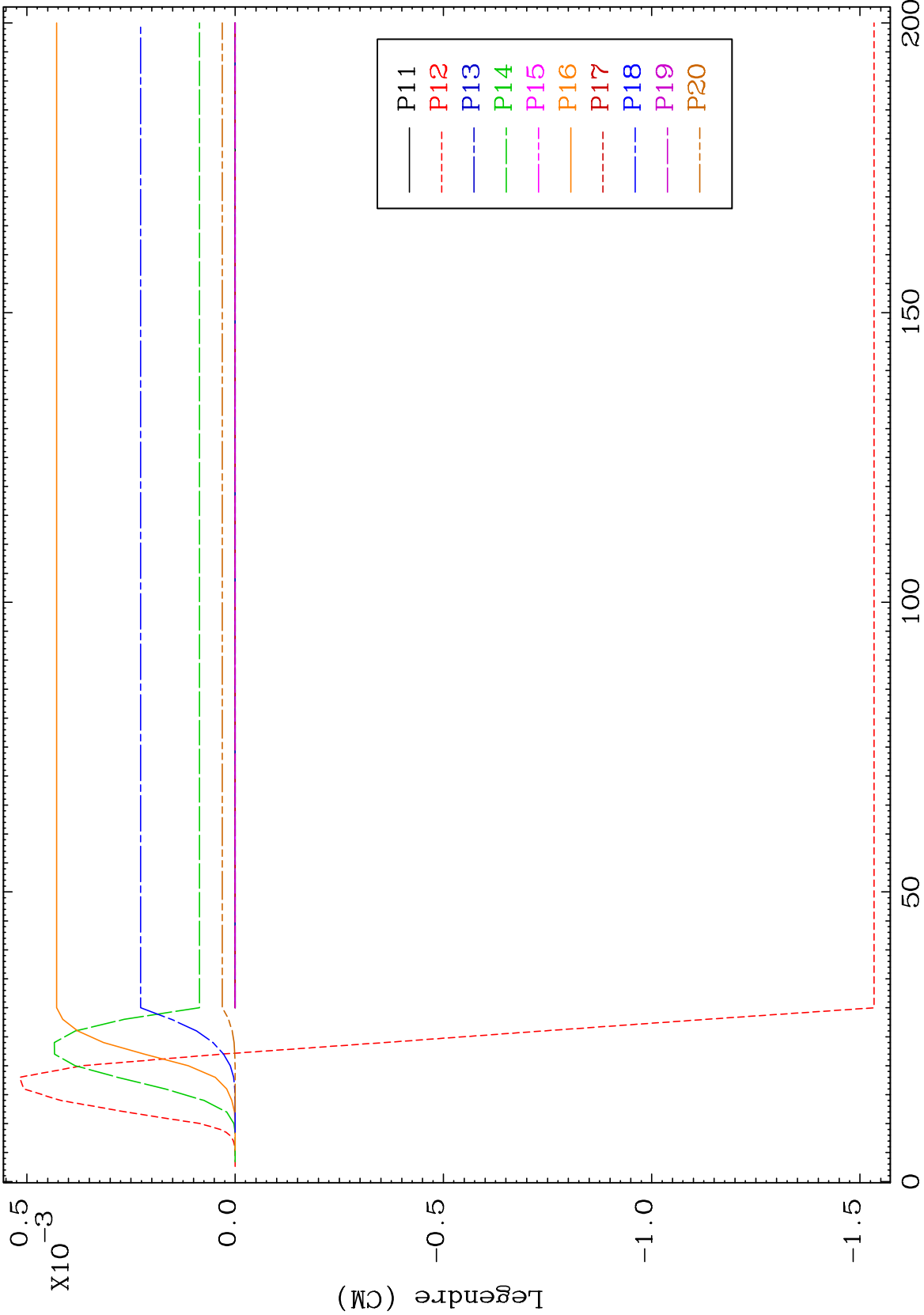
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



48

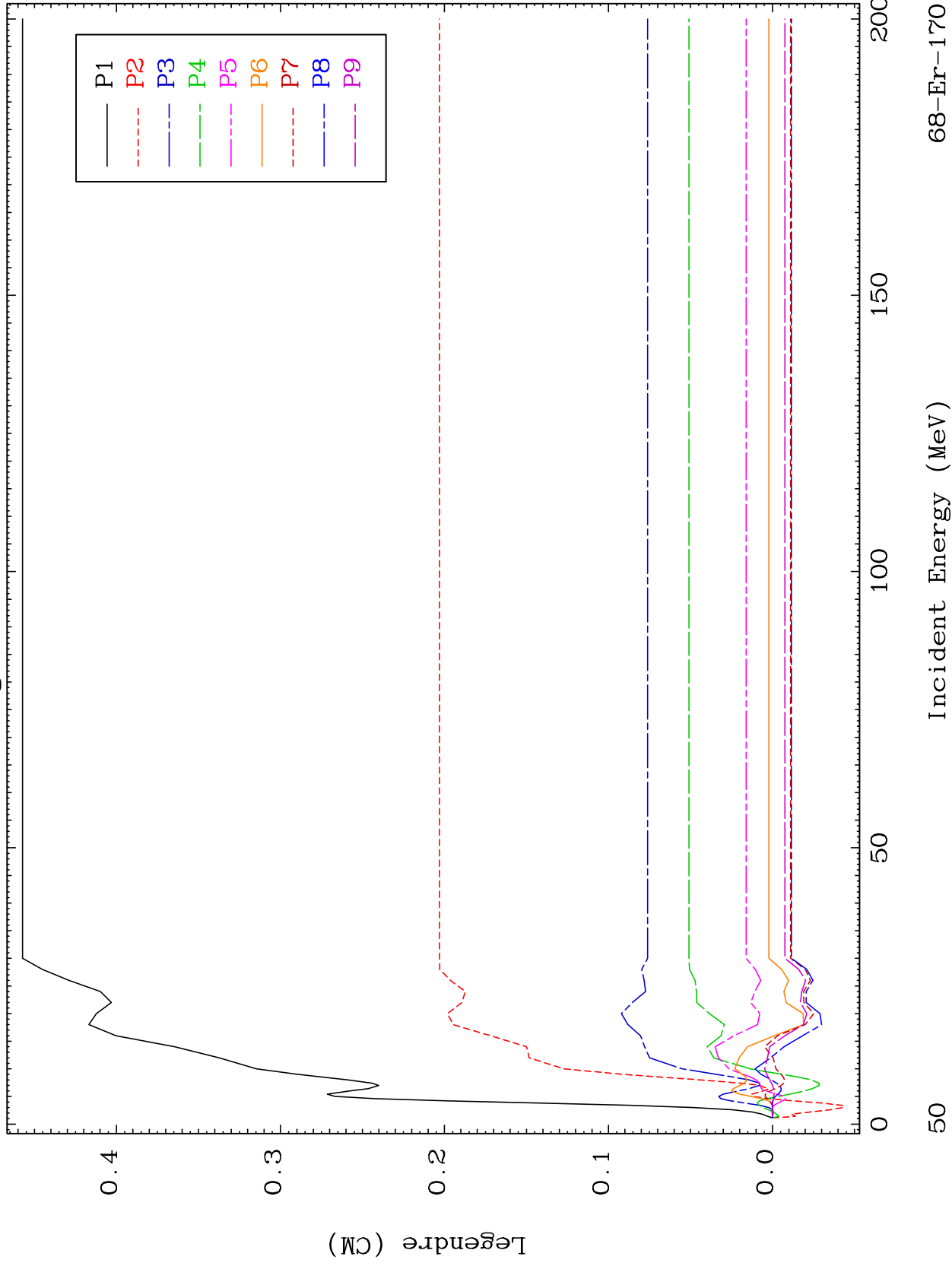
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



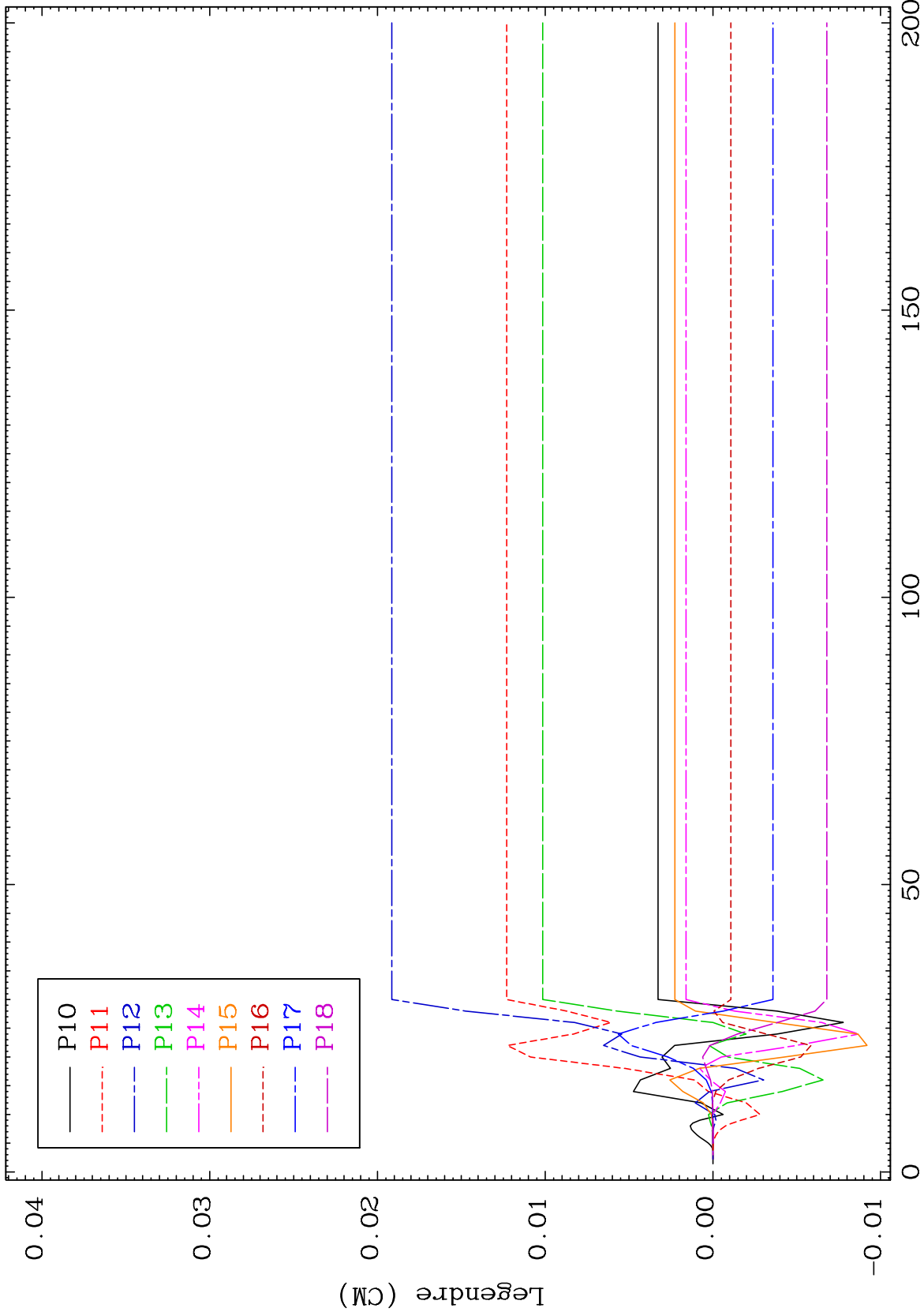
68-Er-170

Incident Energy (MeV)

MAT 6849

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

68-Er-170



51

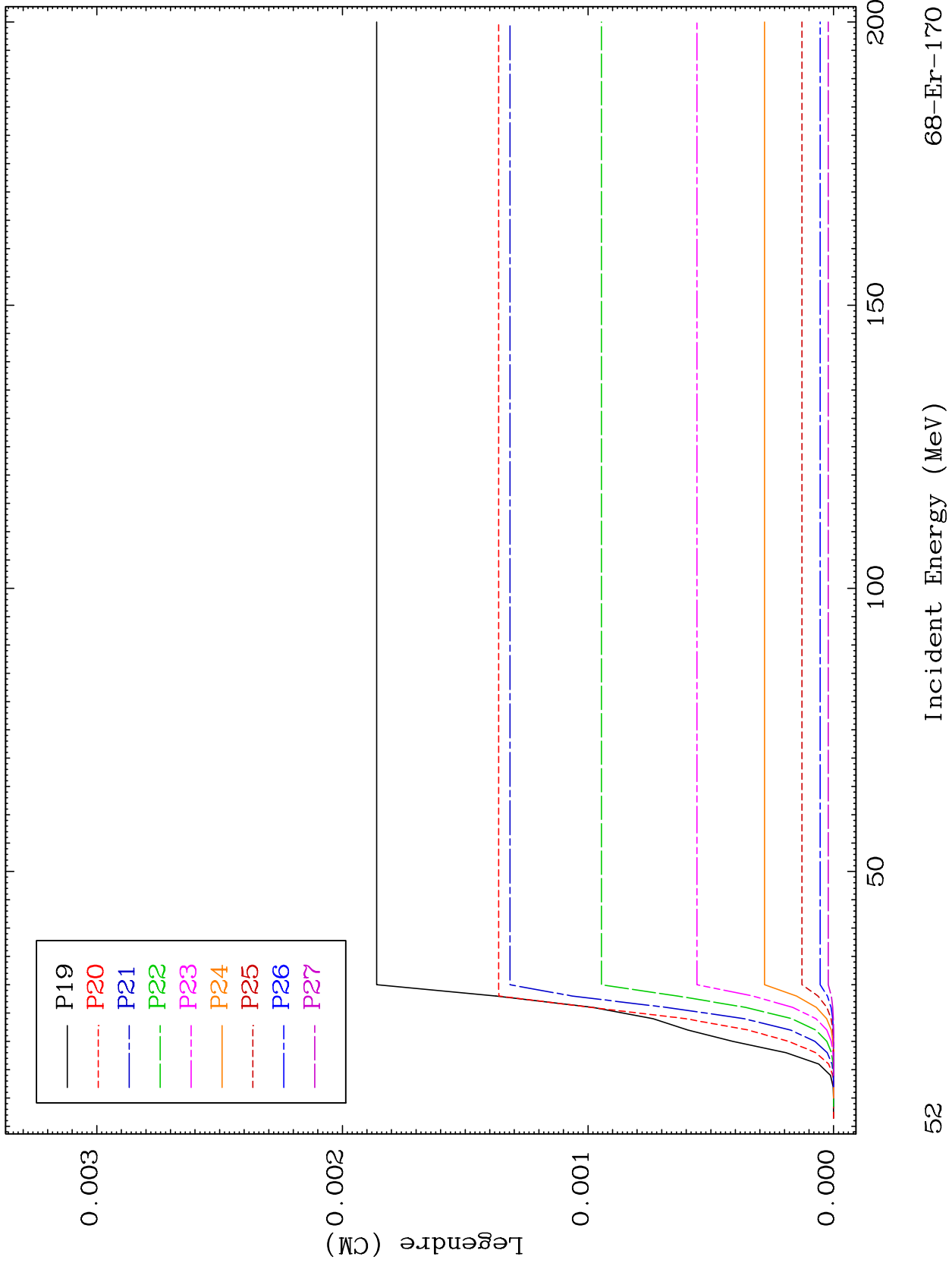
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



52

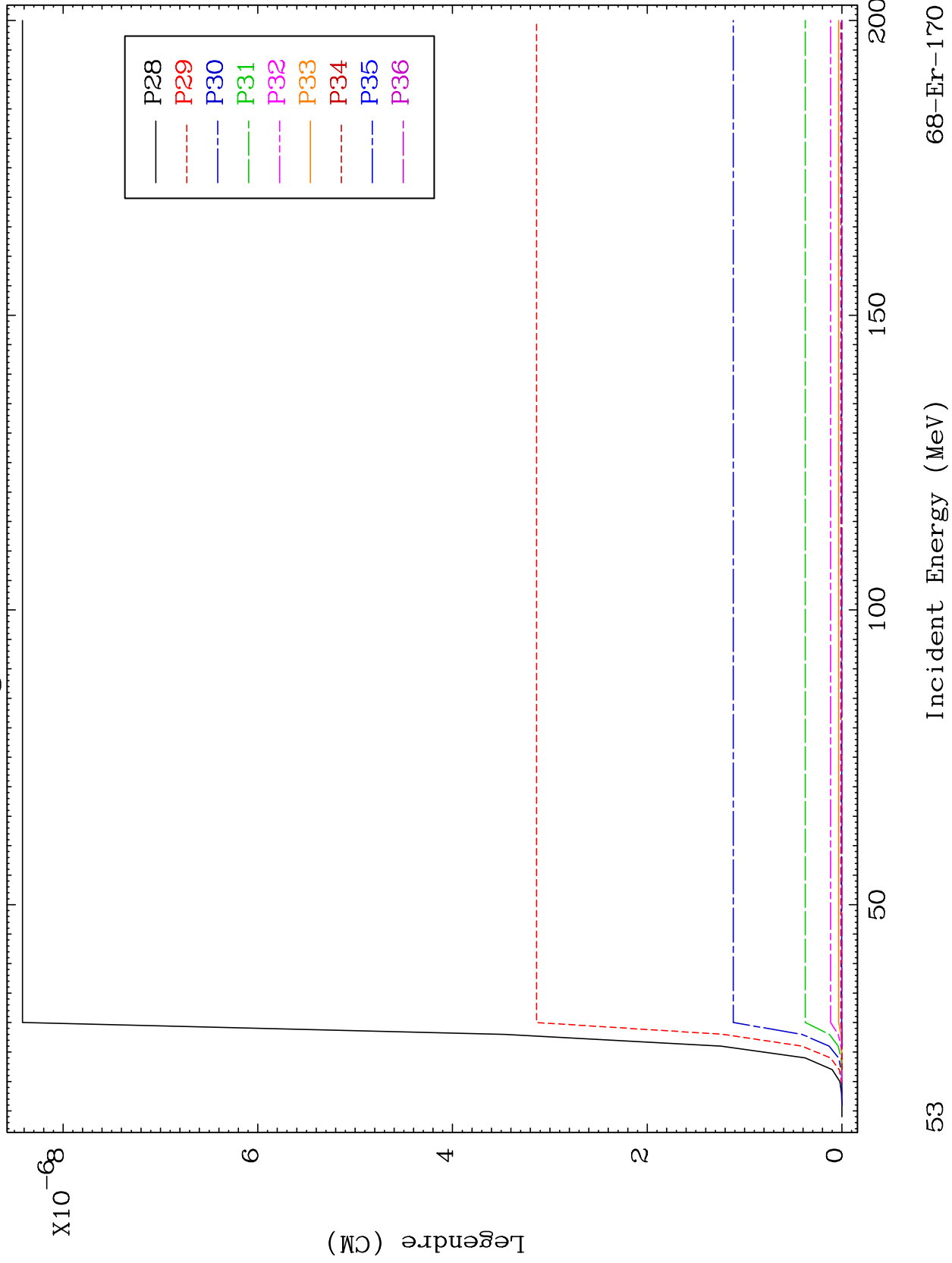
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



53

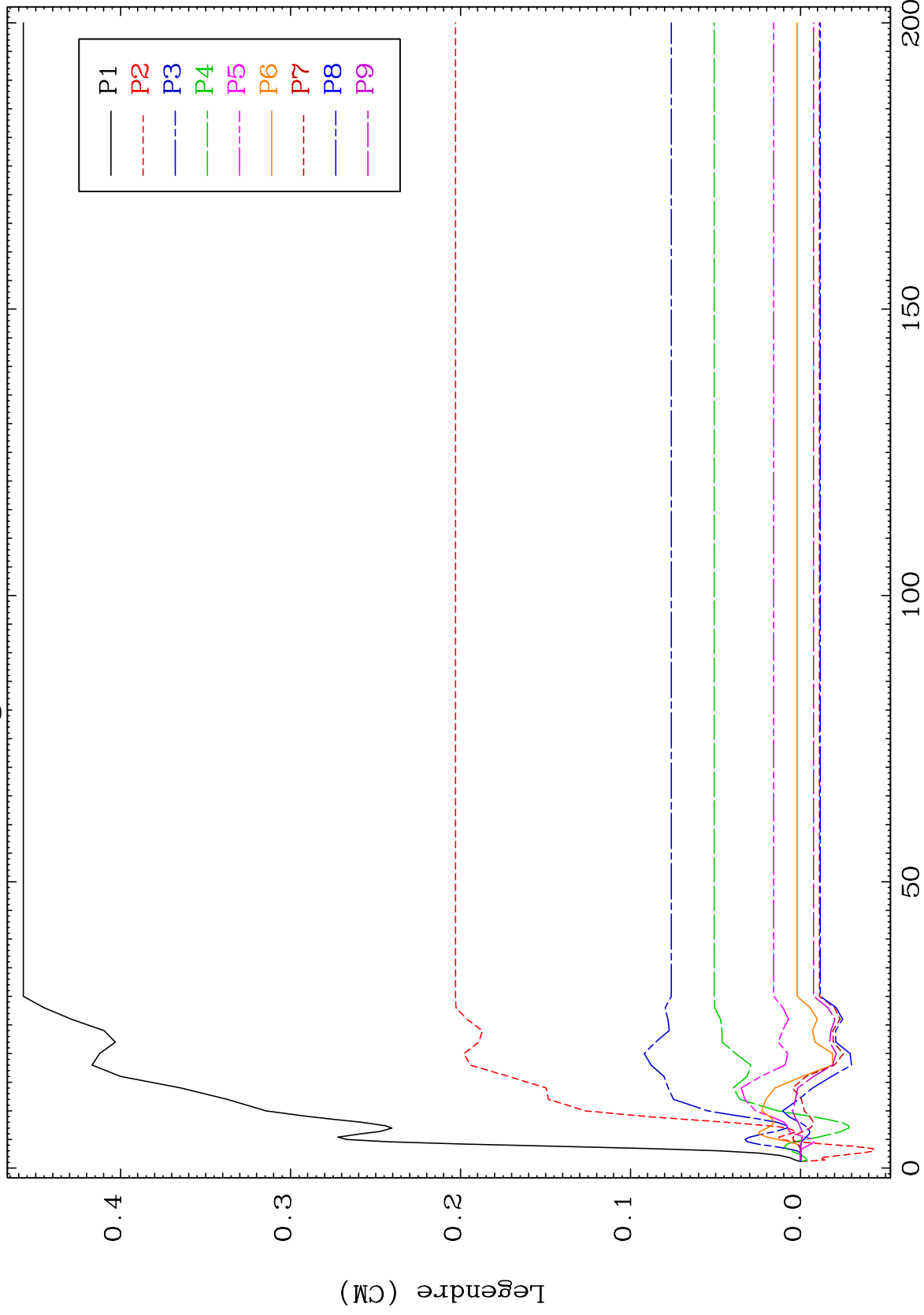
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



54

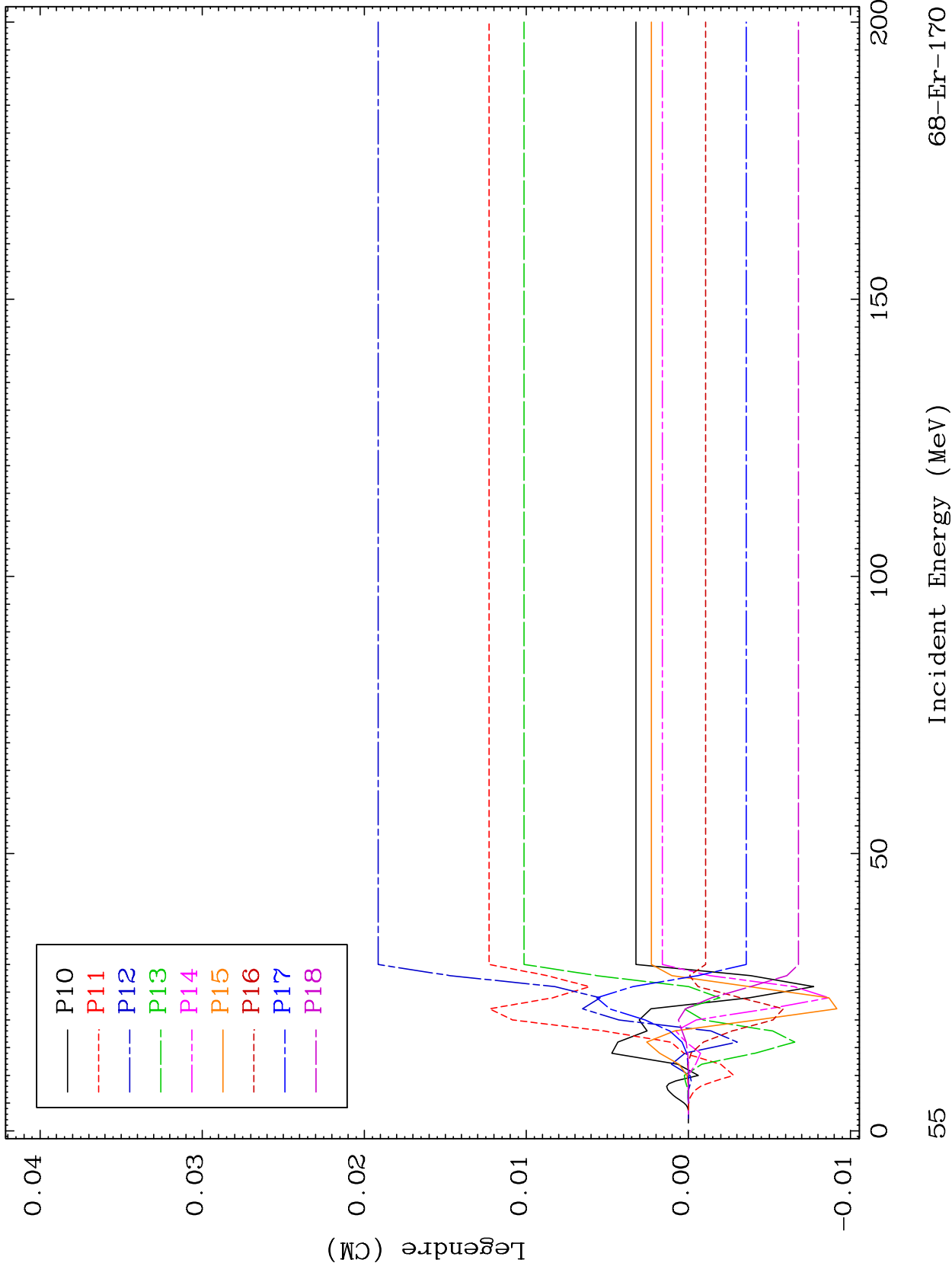
Incident Energy (MeV)

68-Er-170

MAT 6849

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

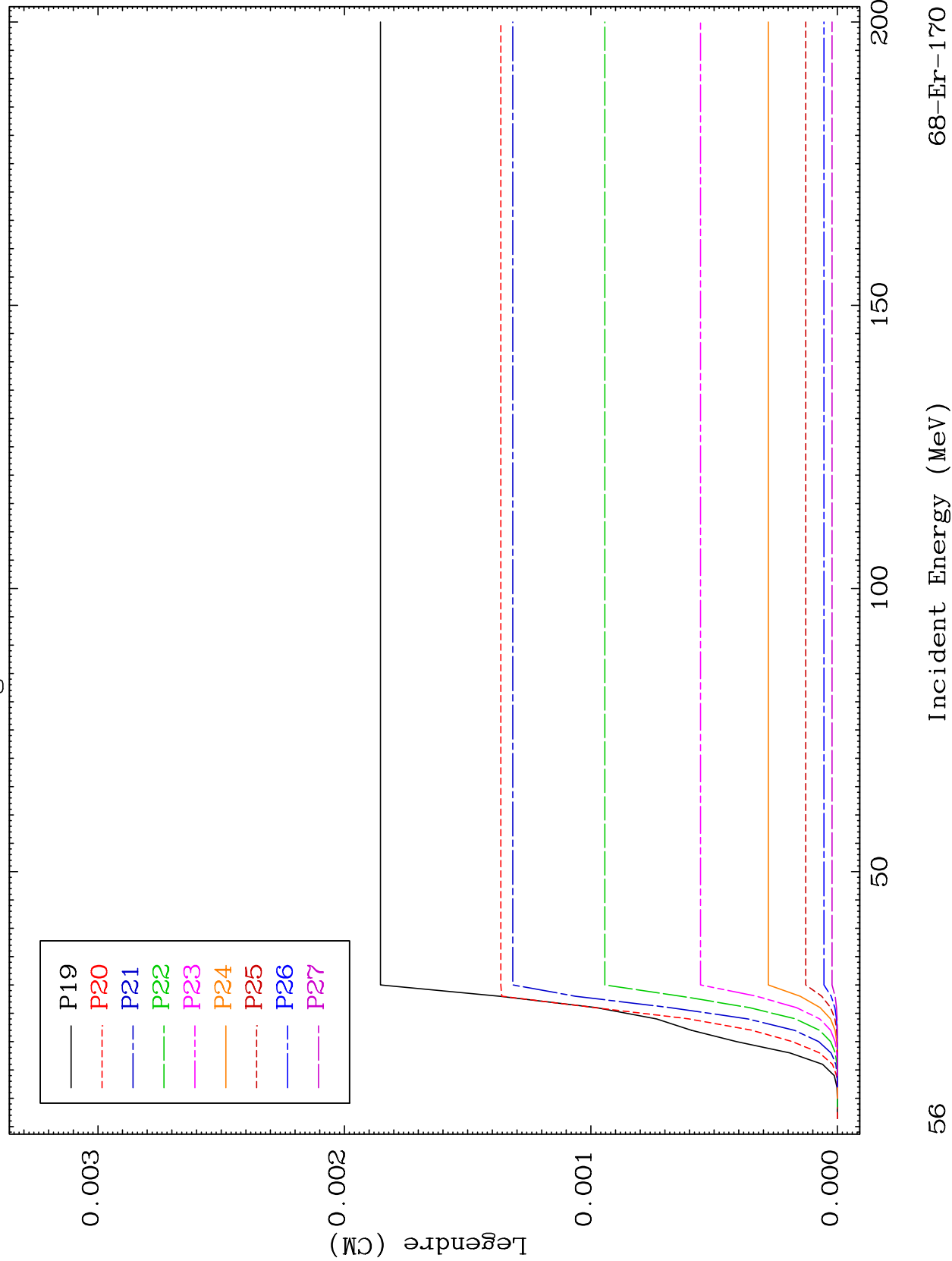
68-Er-170



68-Er-170

Incident Energy (MeV)

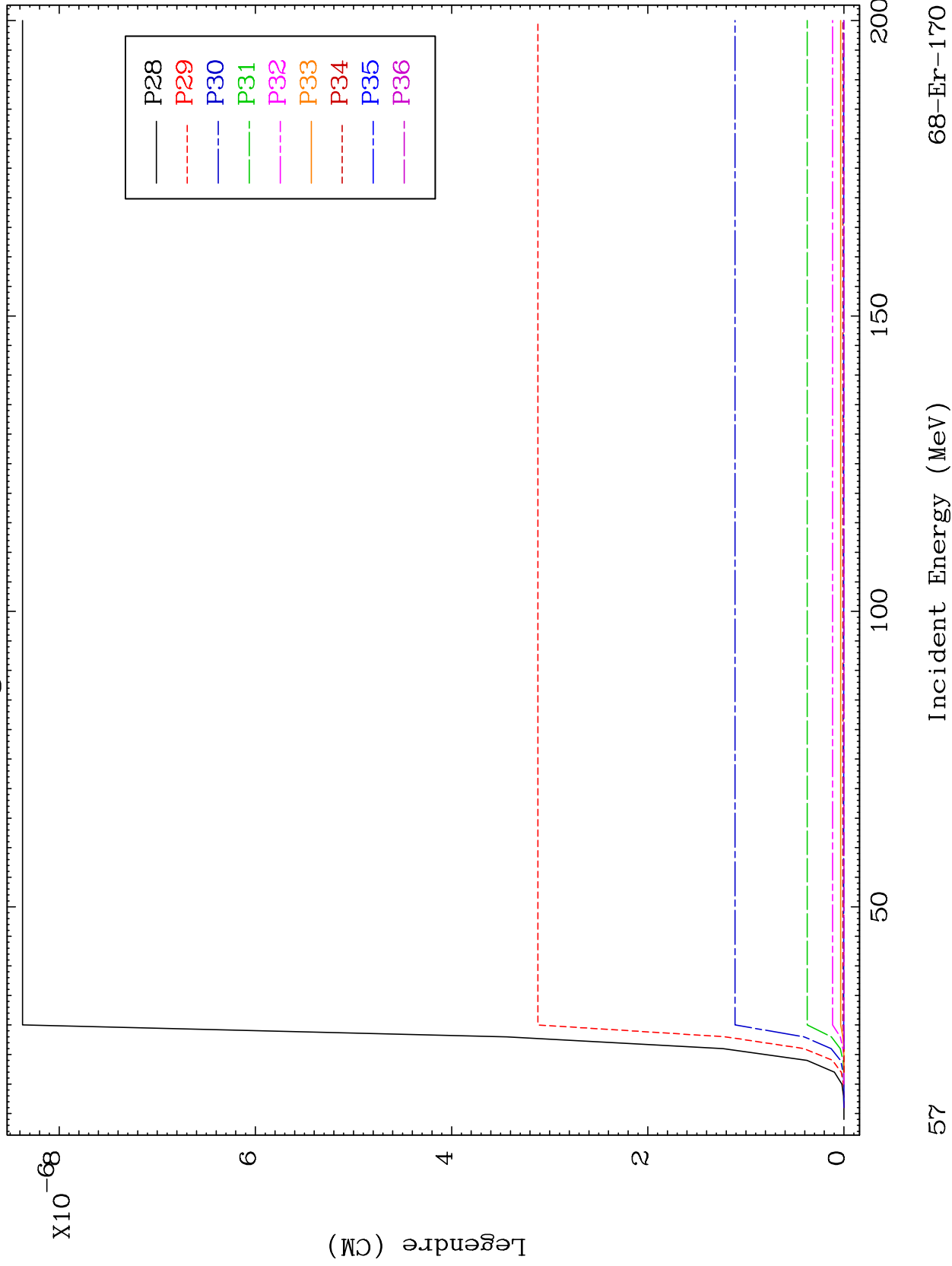
55



MAT 6849

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

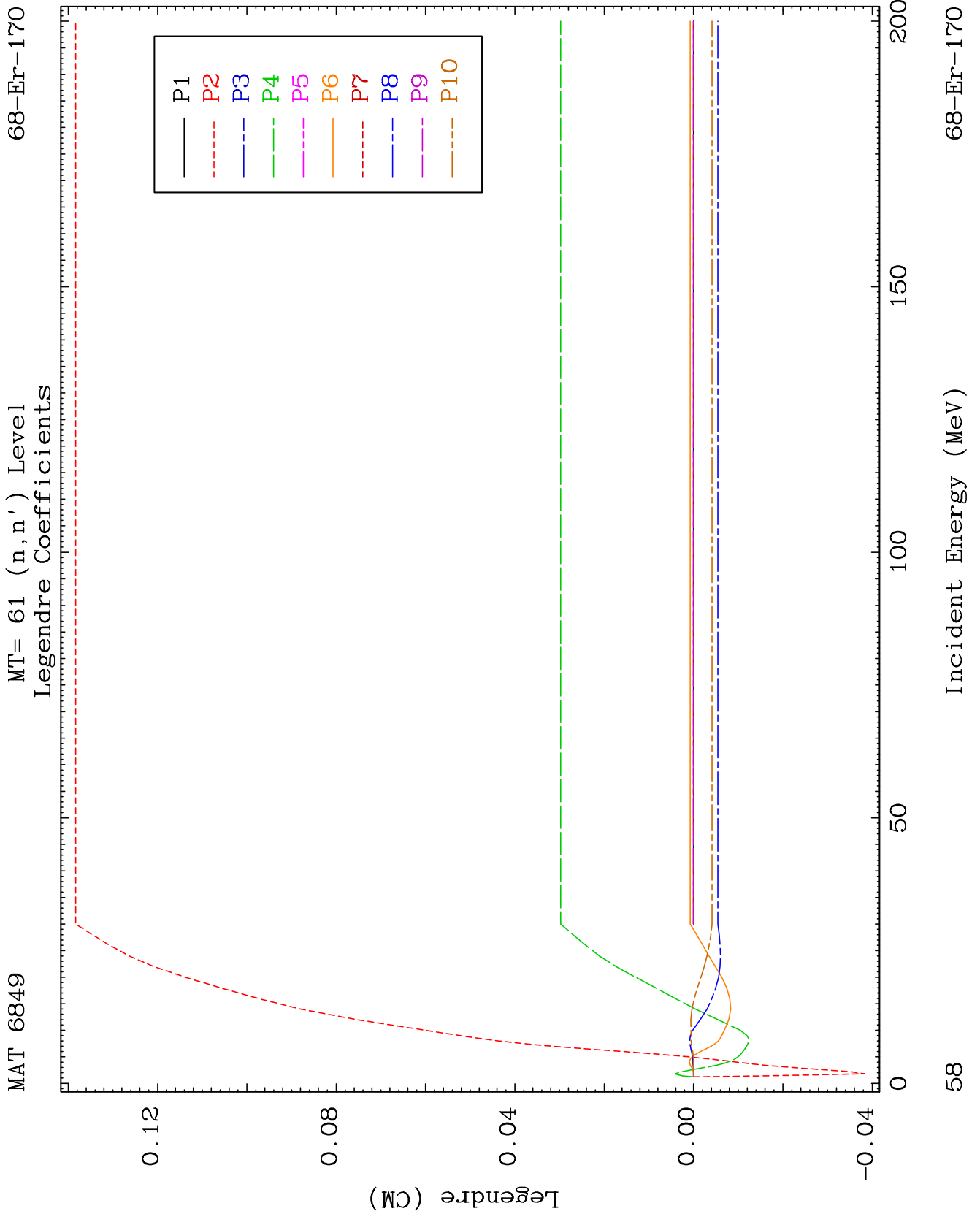
68-Er-170



57

Incident Energy (MeV)

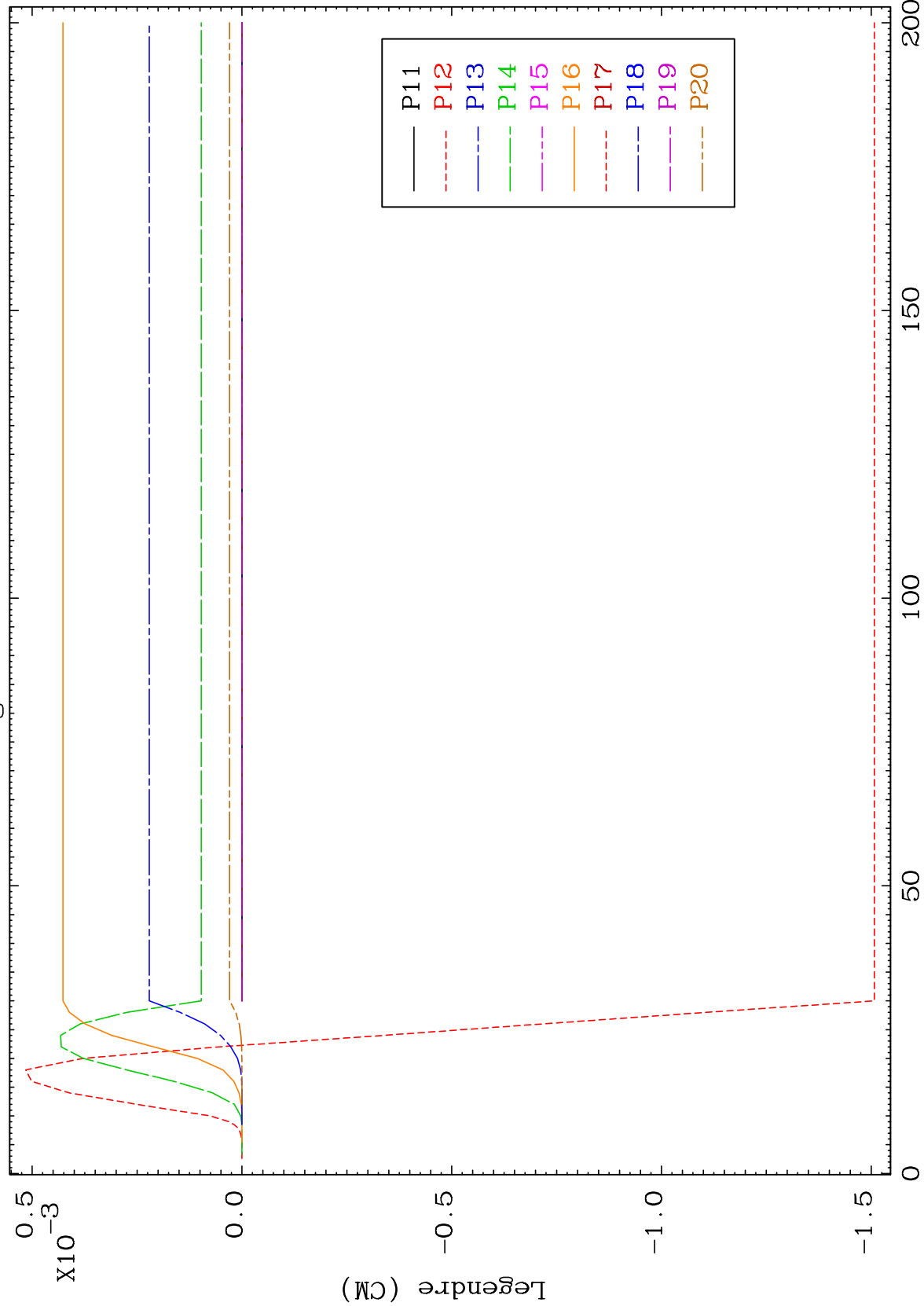
68-Er-170



MAT 6849

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

68-Er-170



59

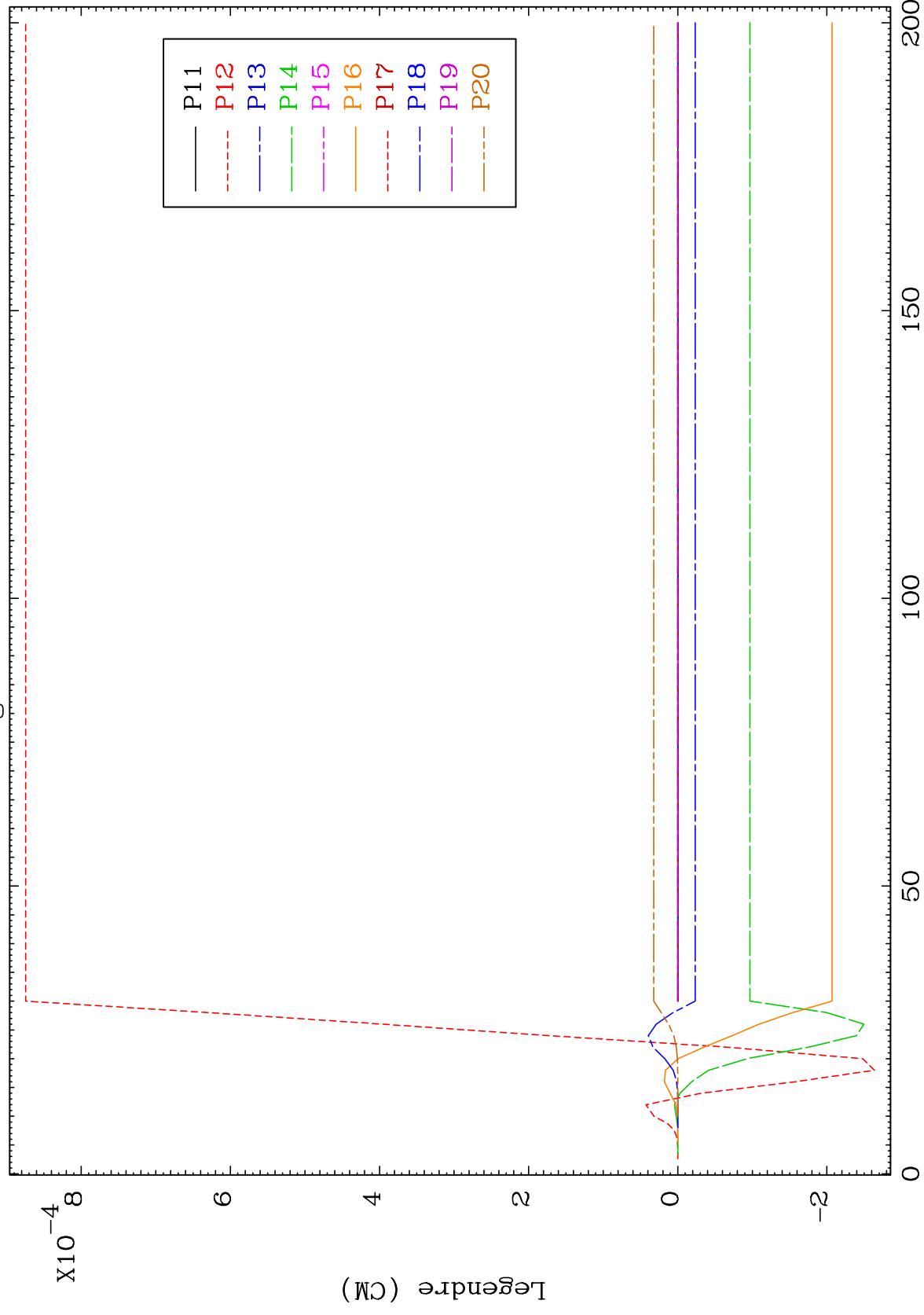
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



62

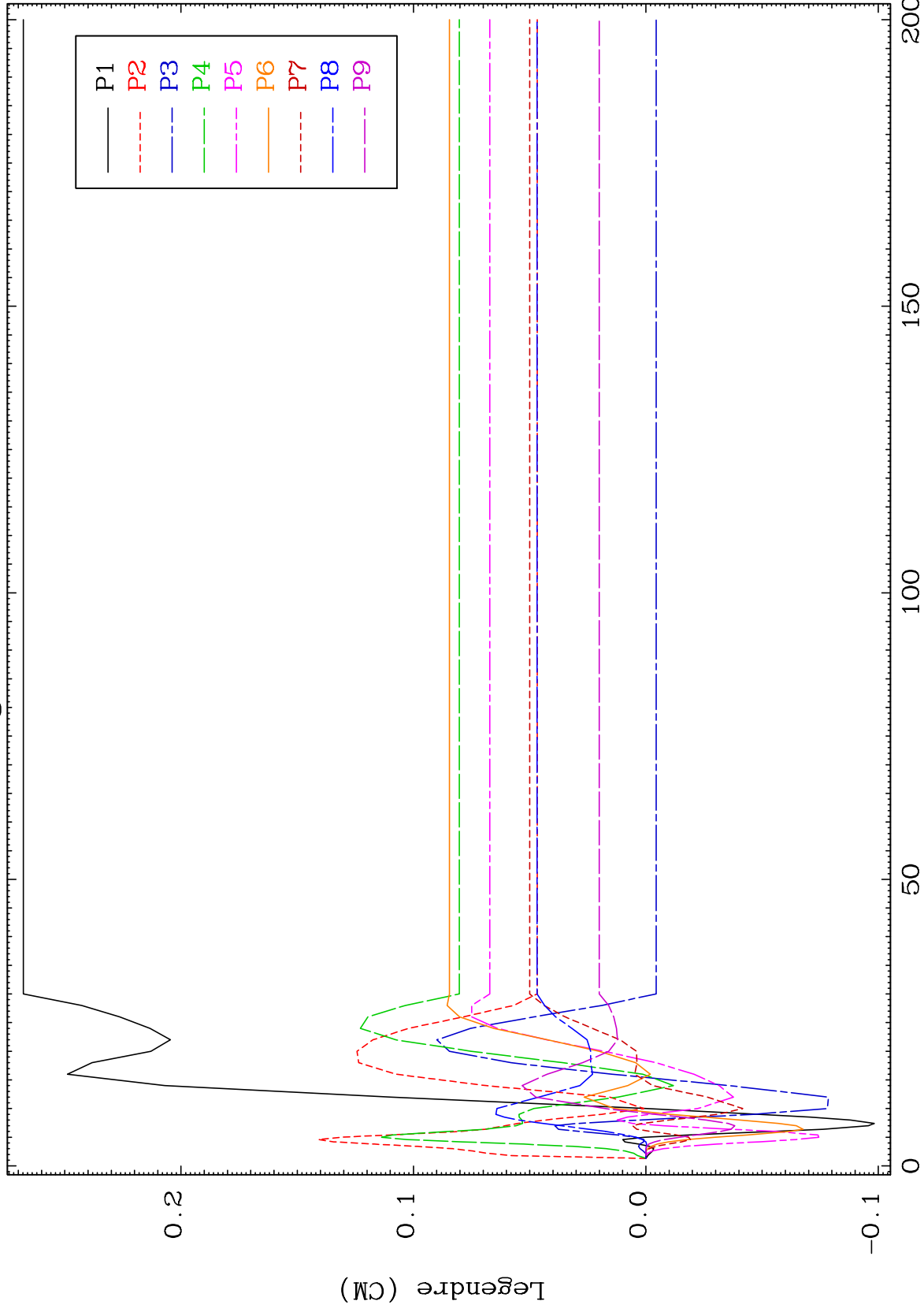
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



68-Er-170

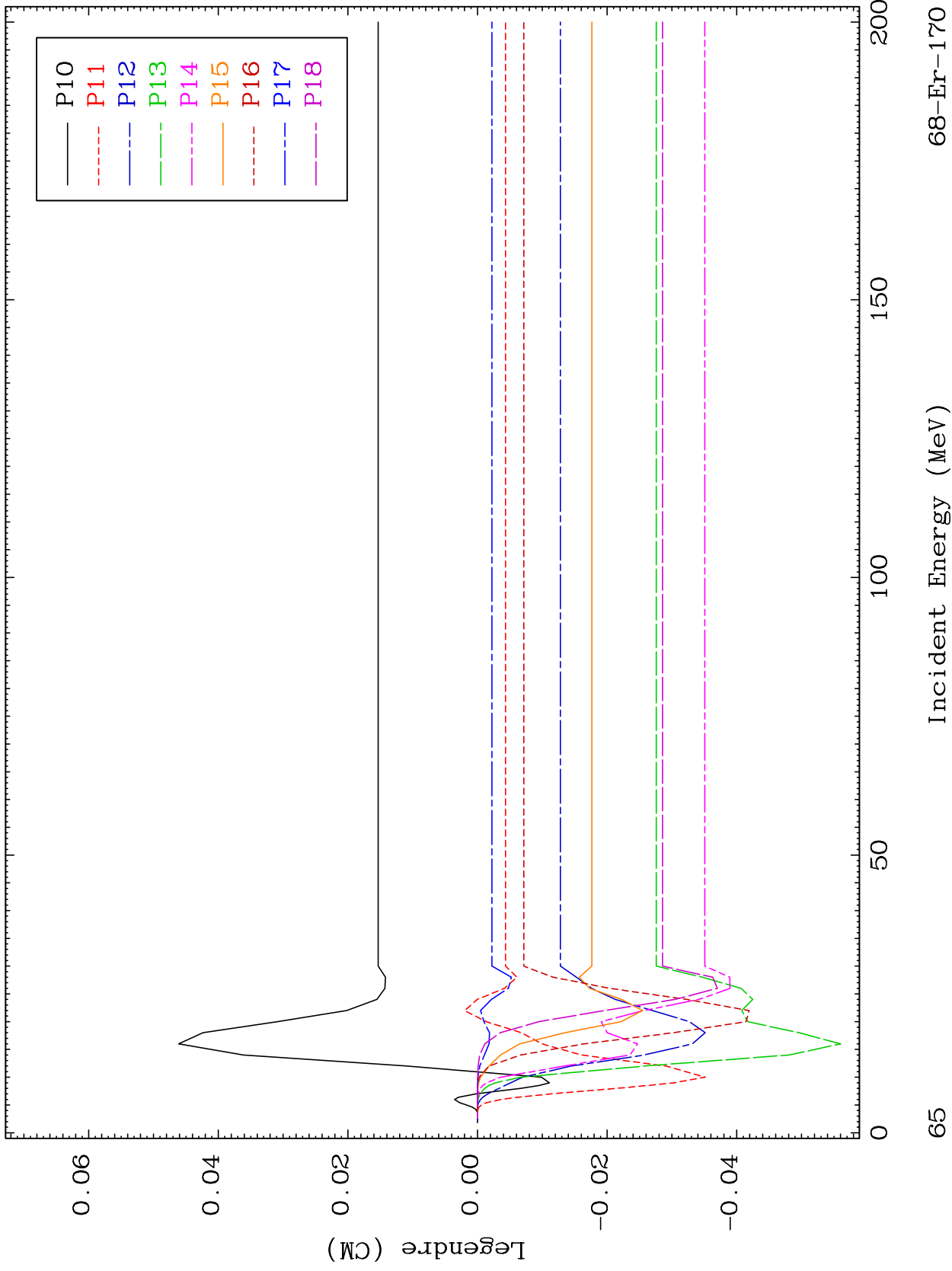
Incident Energy (MeV)

64

MAT 6849

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

68-Er-170



68-Er-170

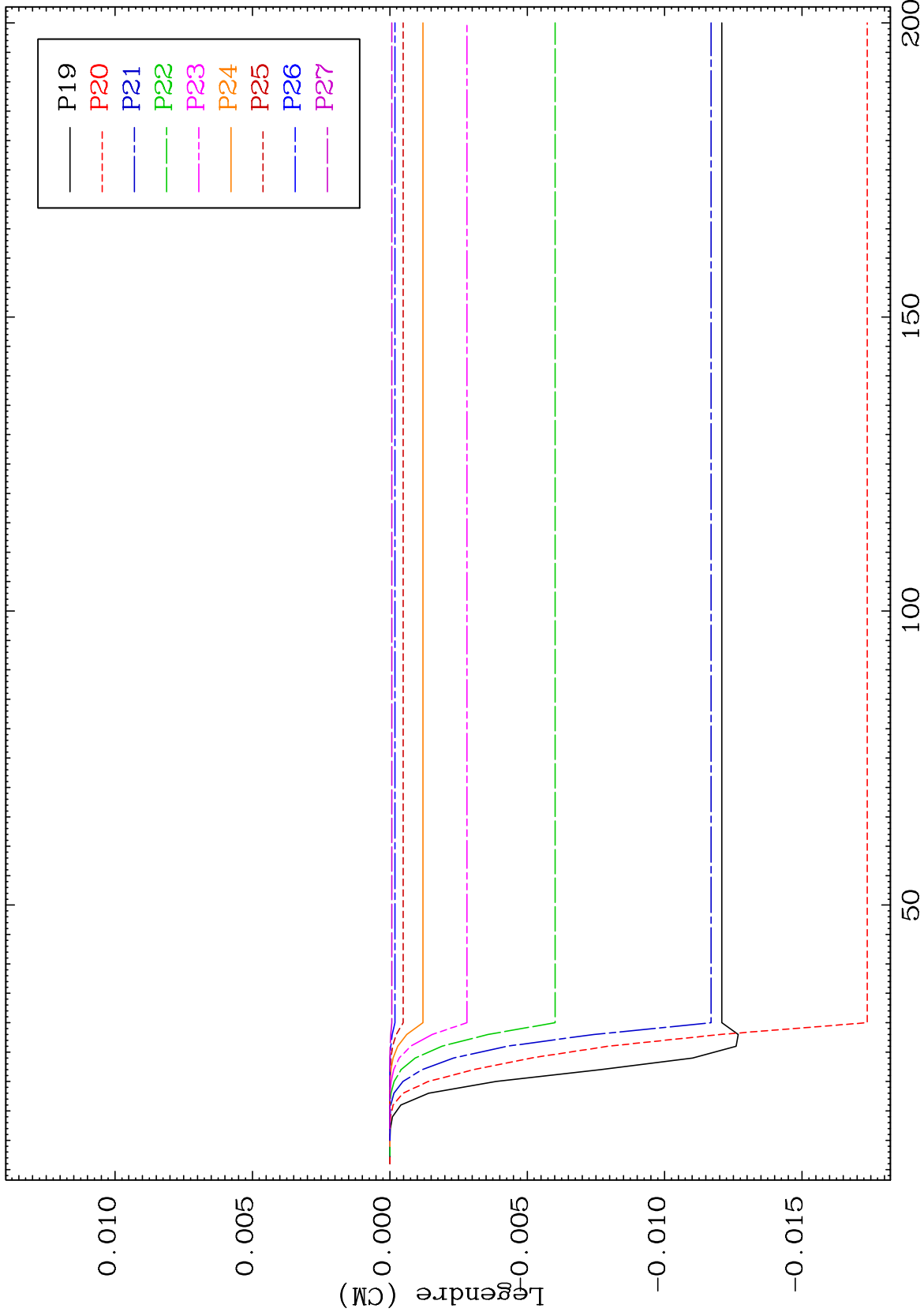
Incident Energy (MeV)

65

MAT 6849

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

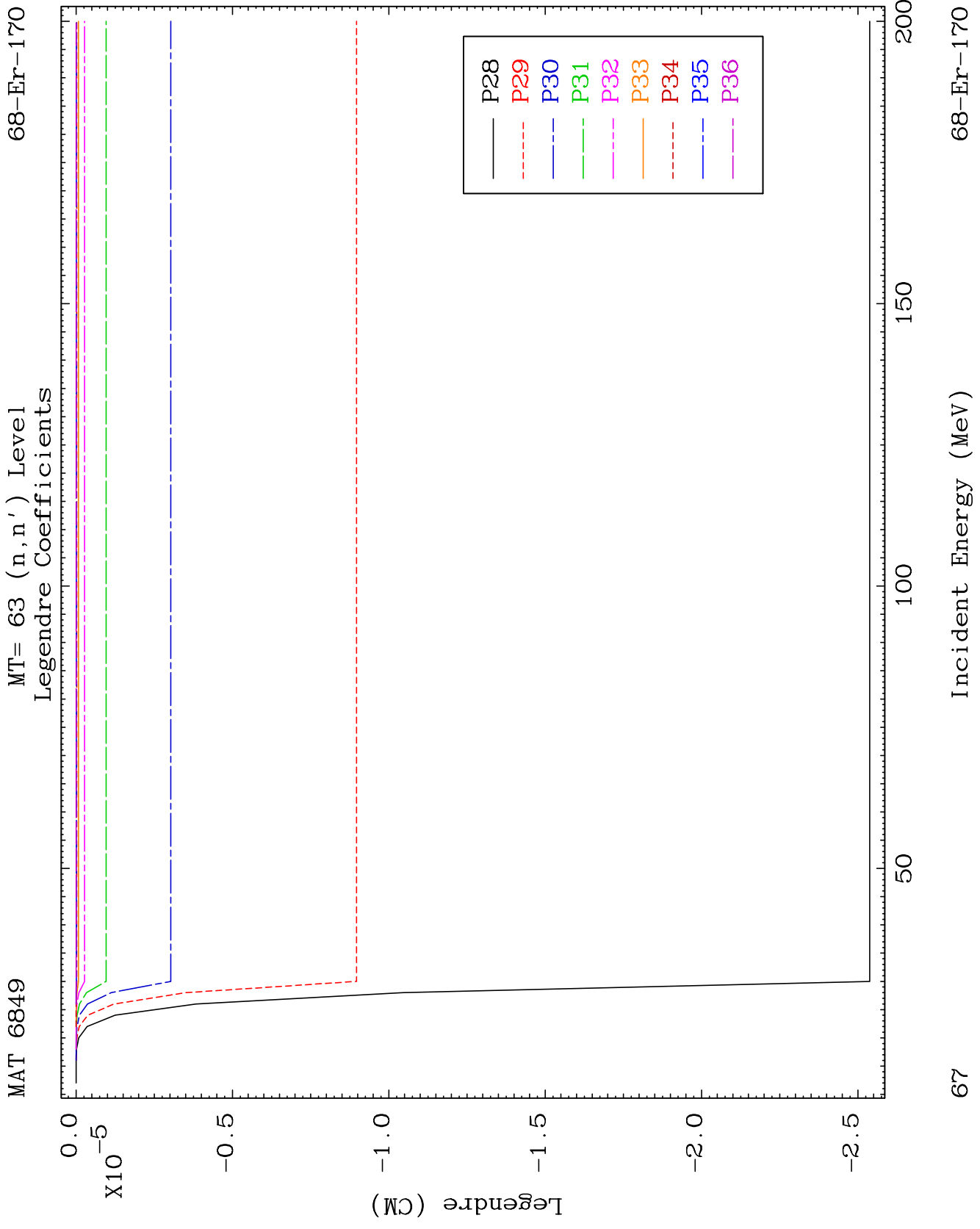
68-Er-170



66

Incident Energy (MeV)

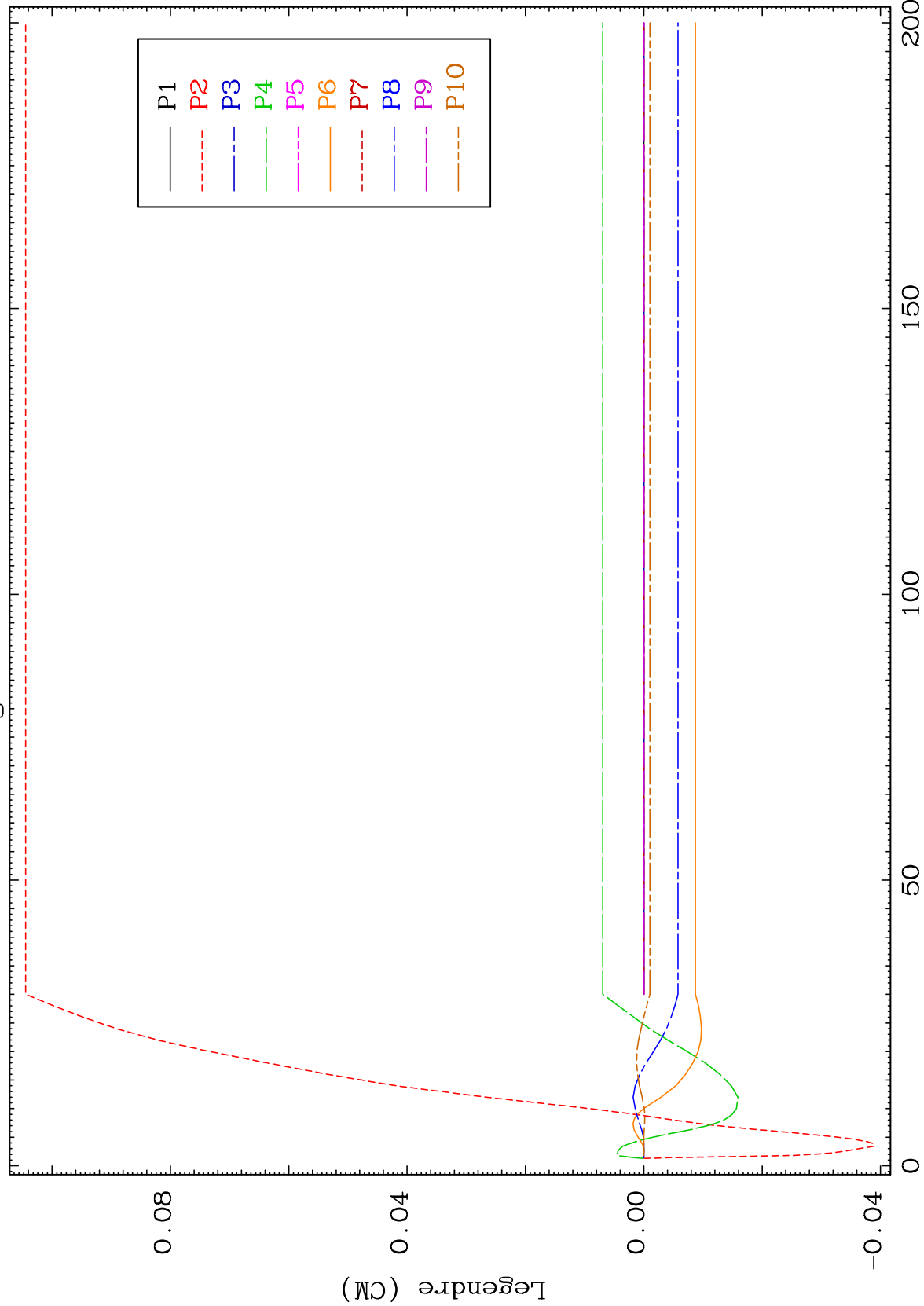
68-Er-170



MAT 6849

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

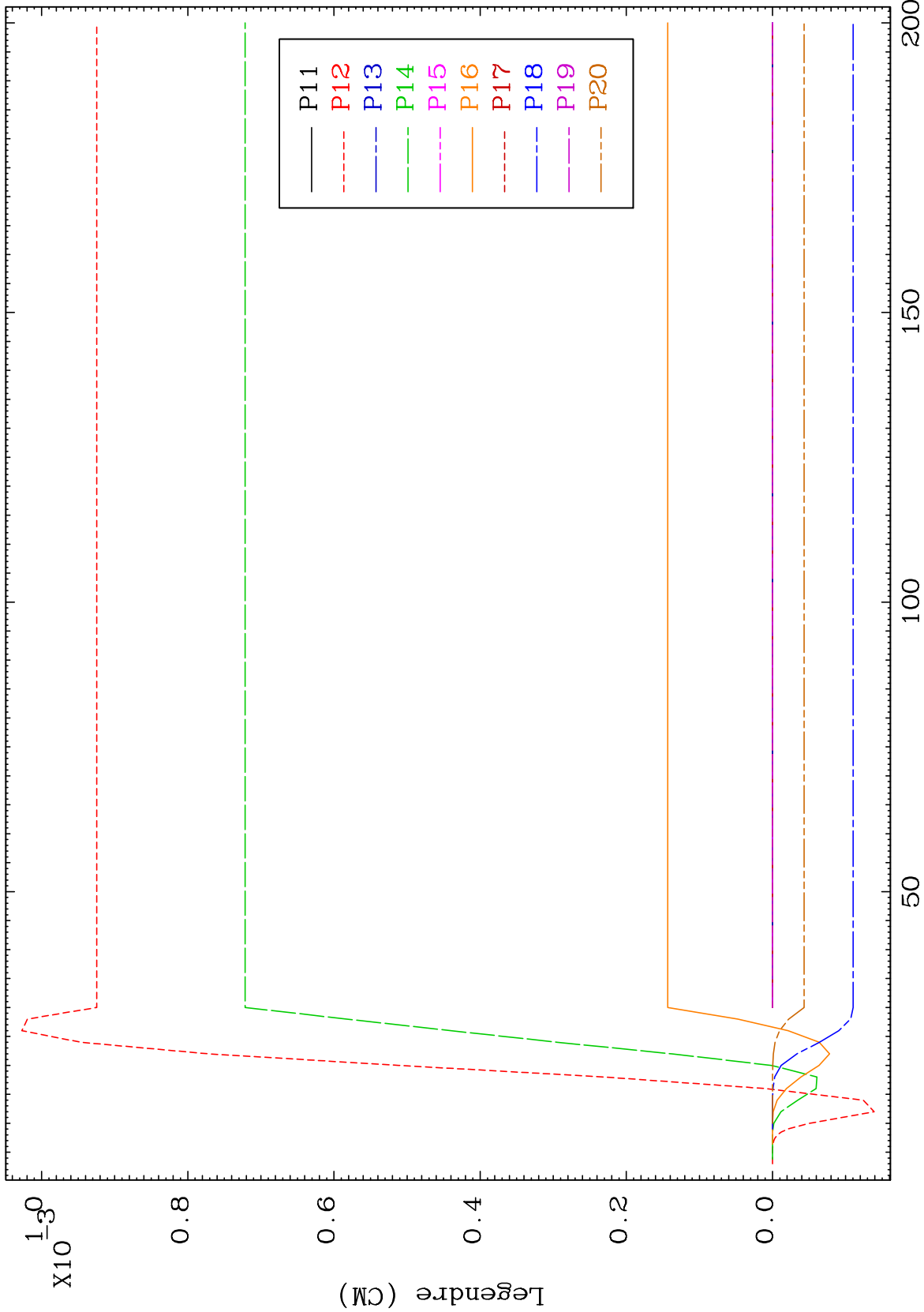
68-Er-170

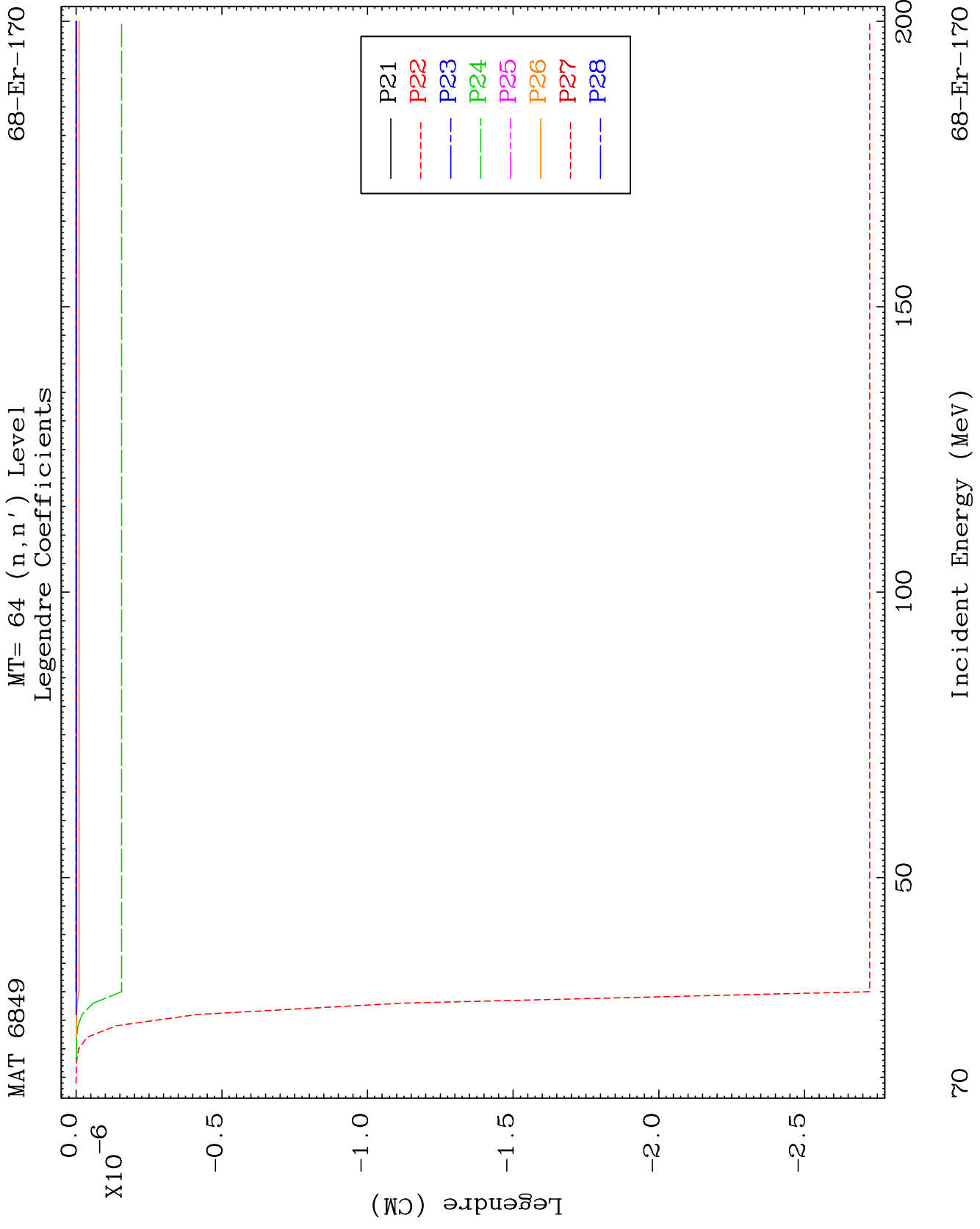


68

Incident Energy (MeV)

68-Er-170

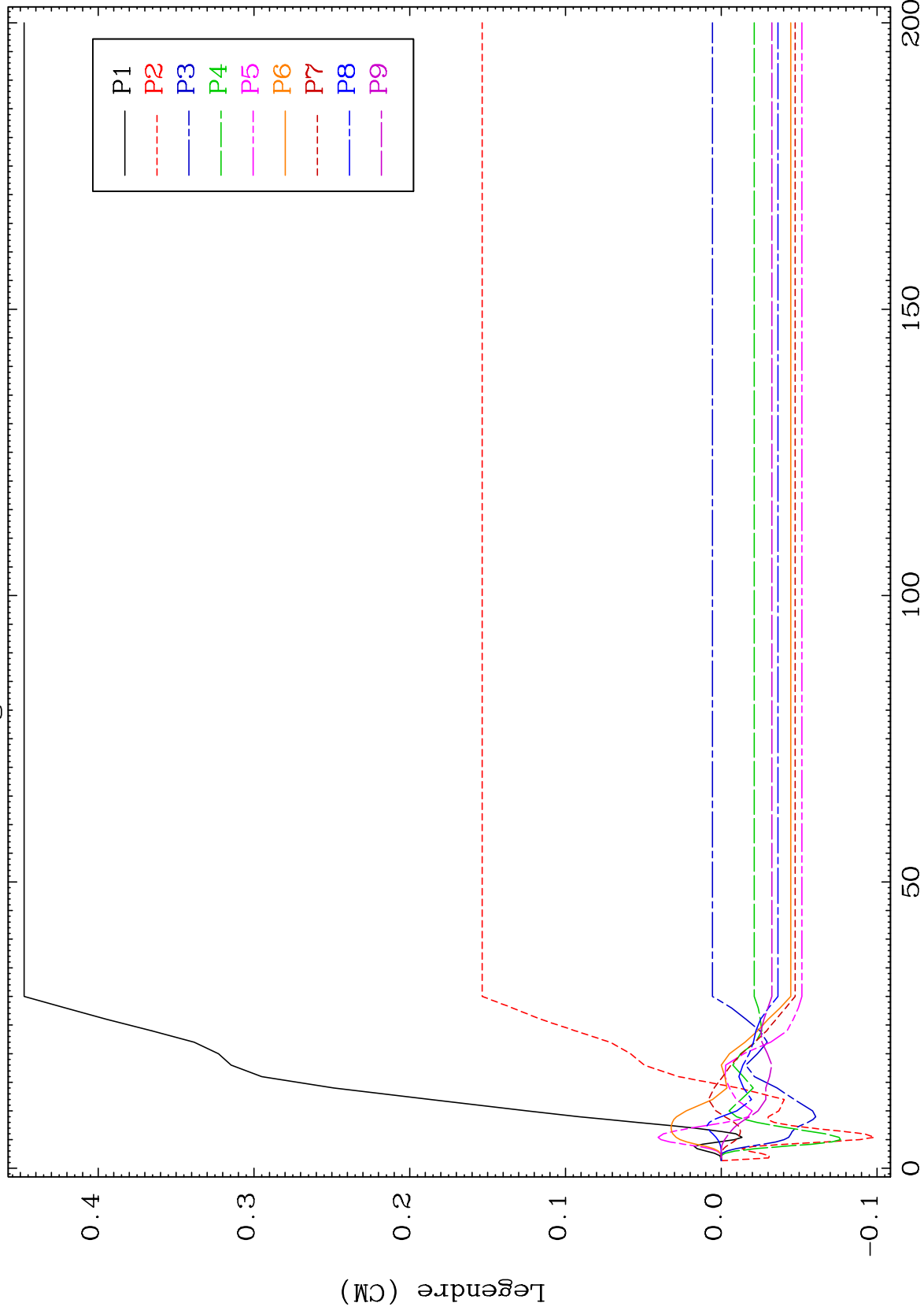




MAT 6849

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

68-Er-170



71

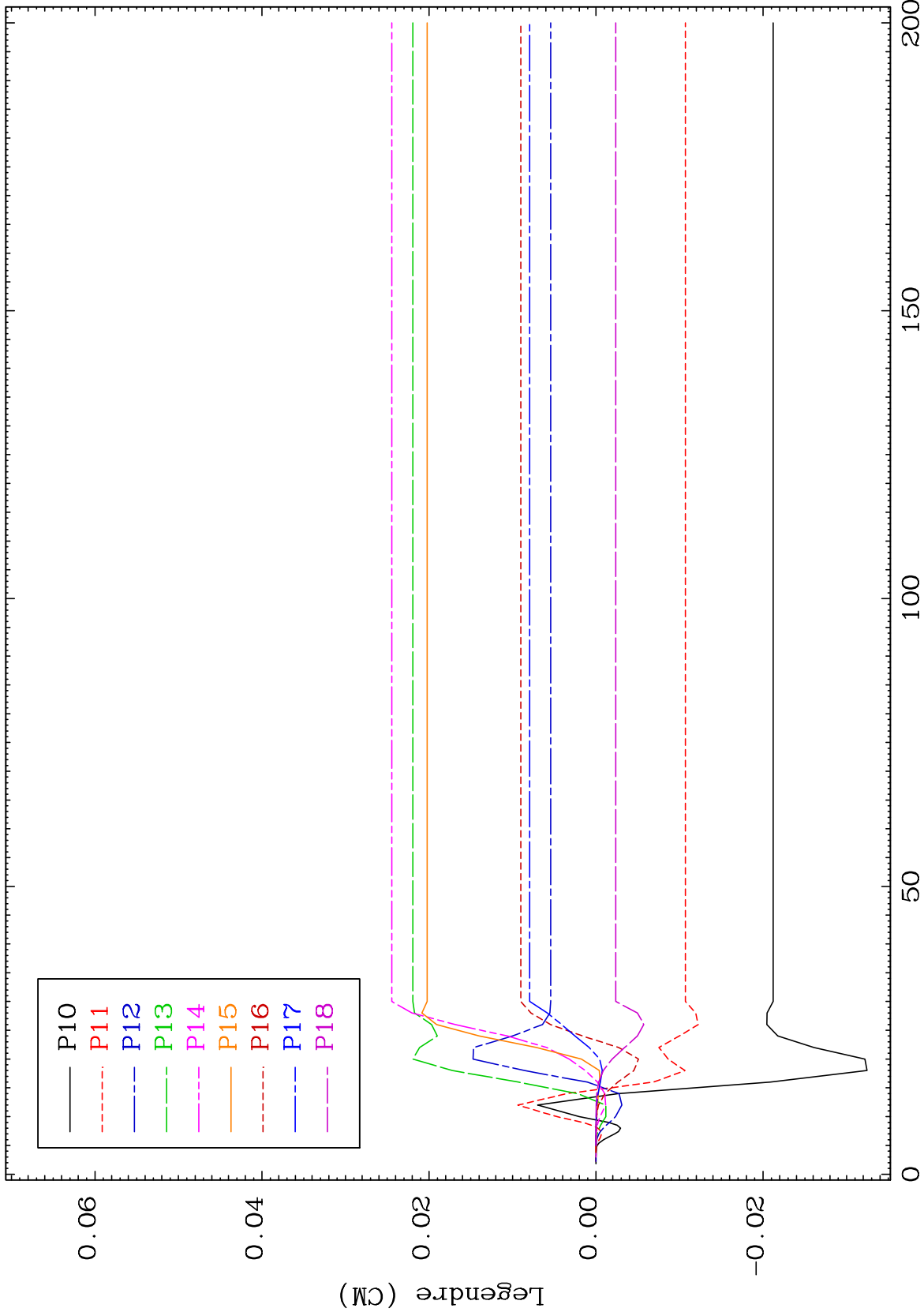
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



72

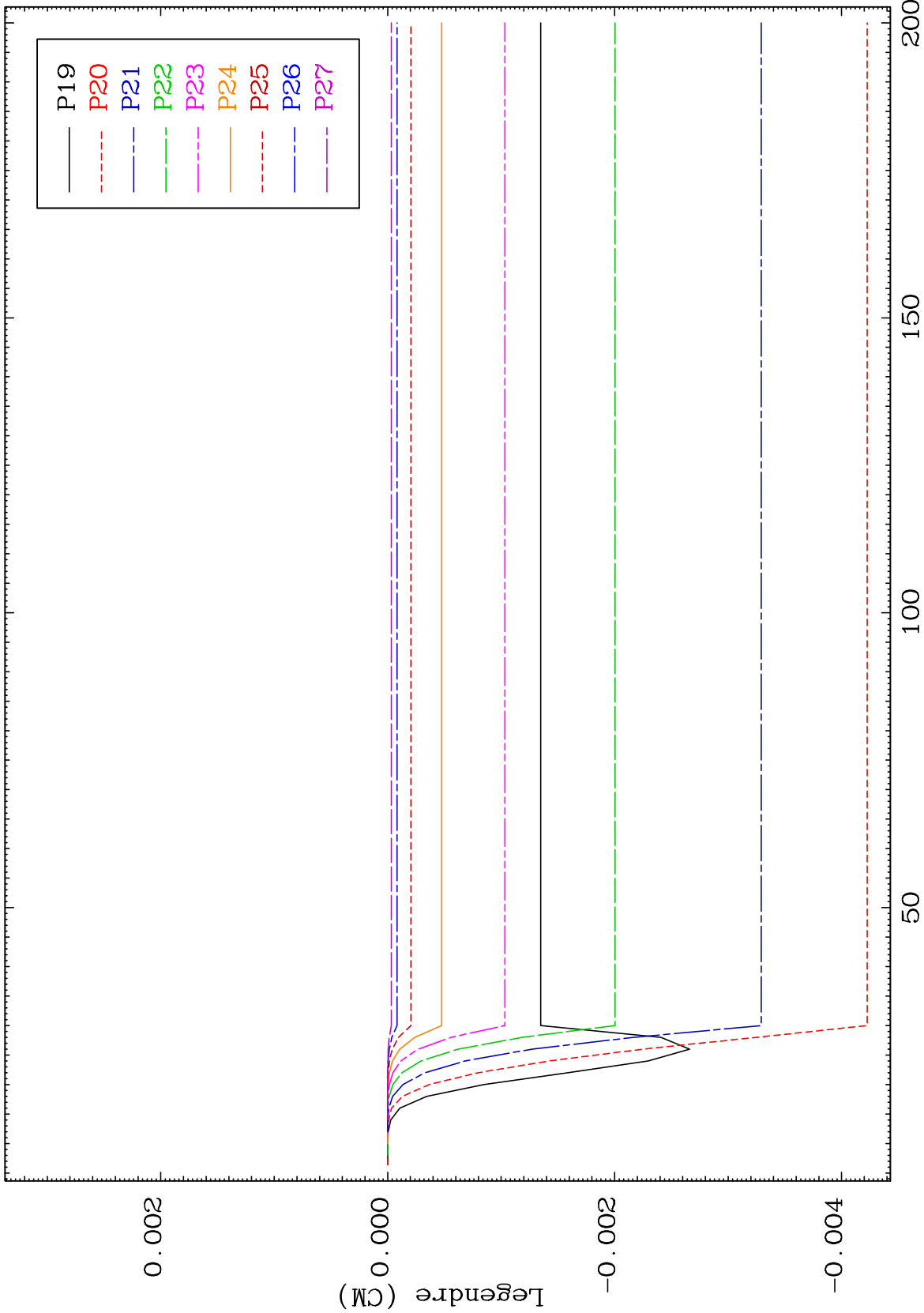
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



73

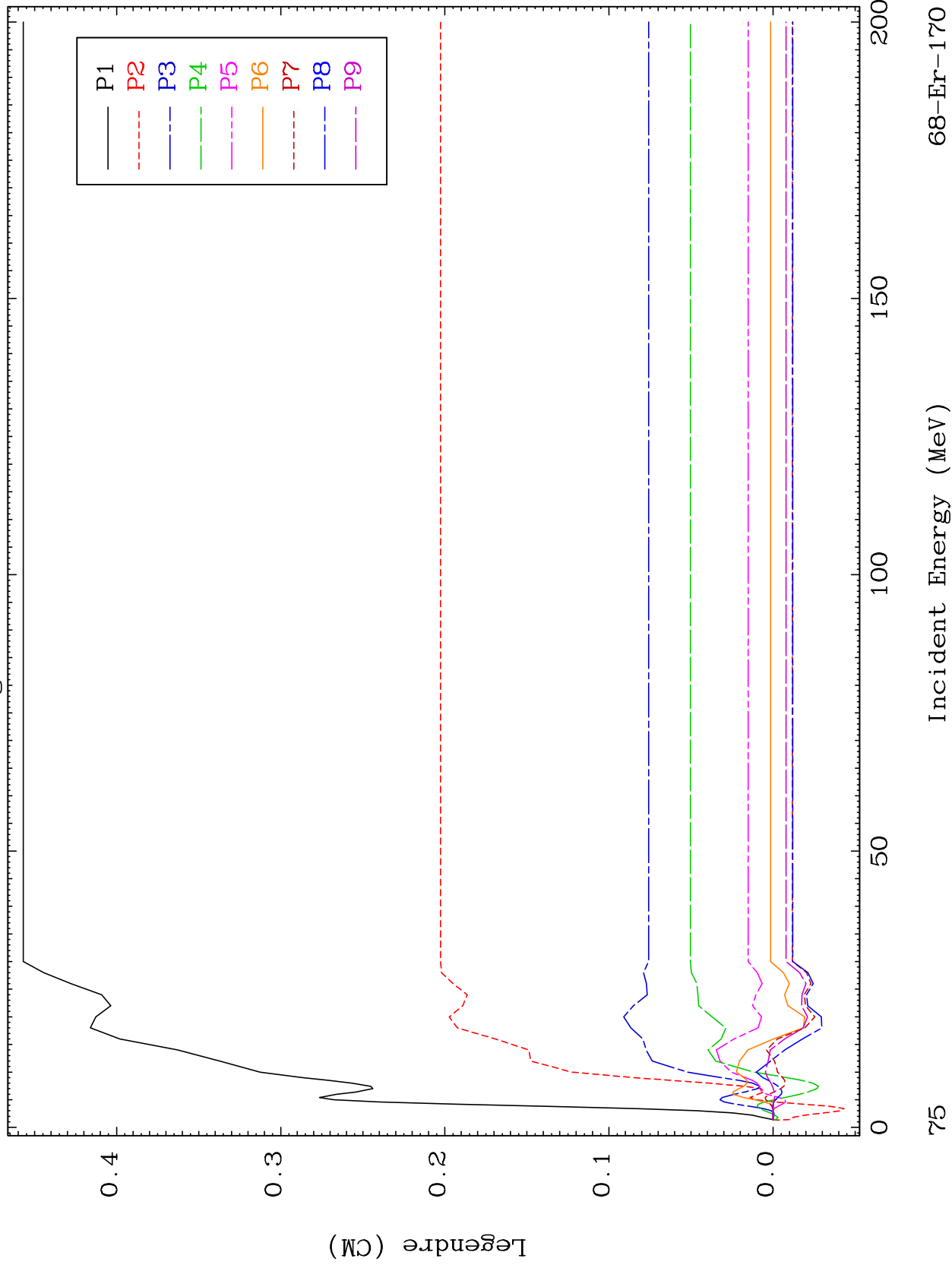
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



68-Er-170

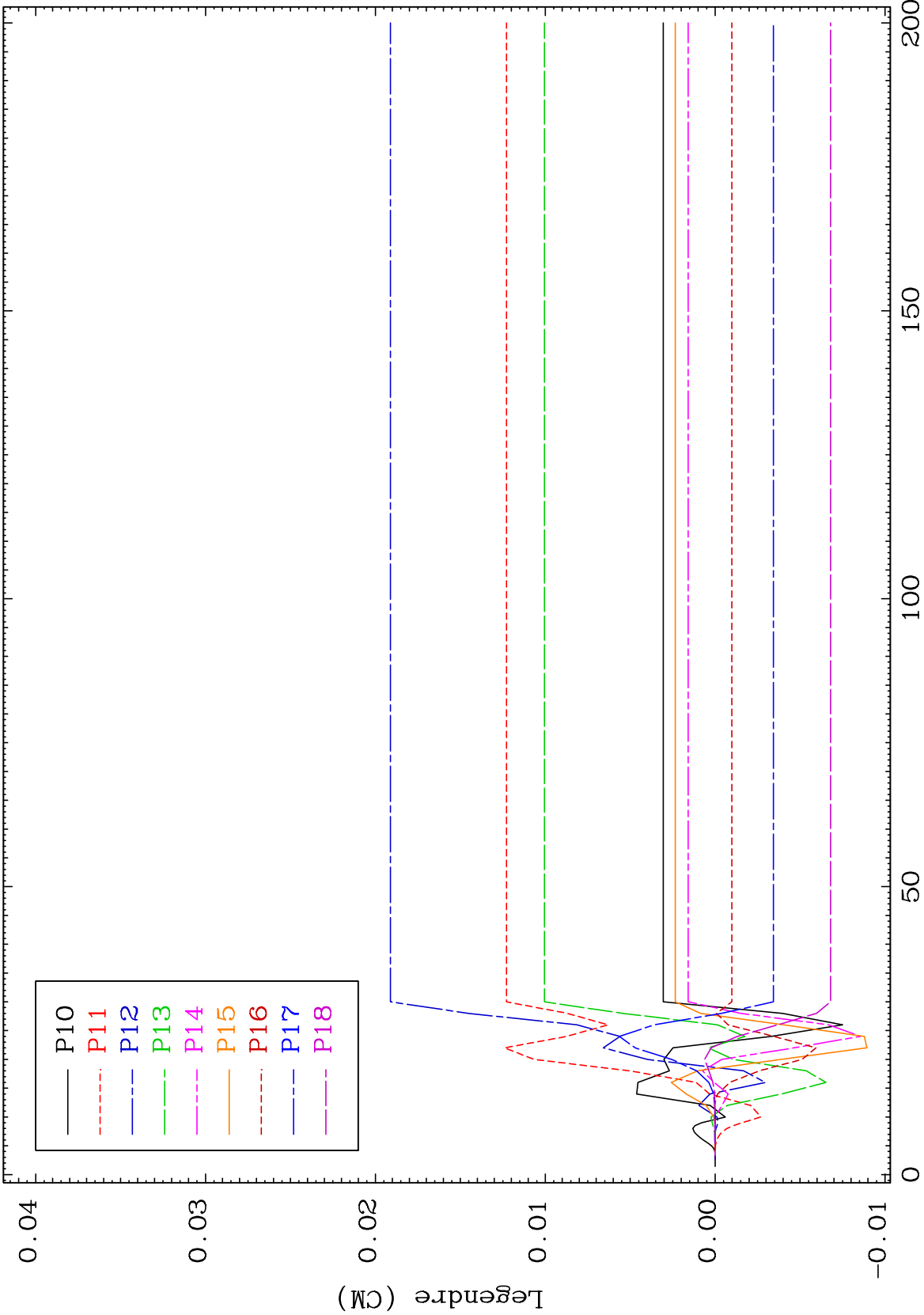
Incident Energy (MeV)

75

MAT 6849

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

68-Er-170



76

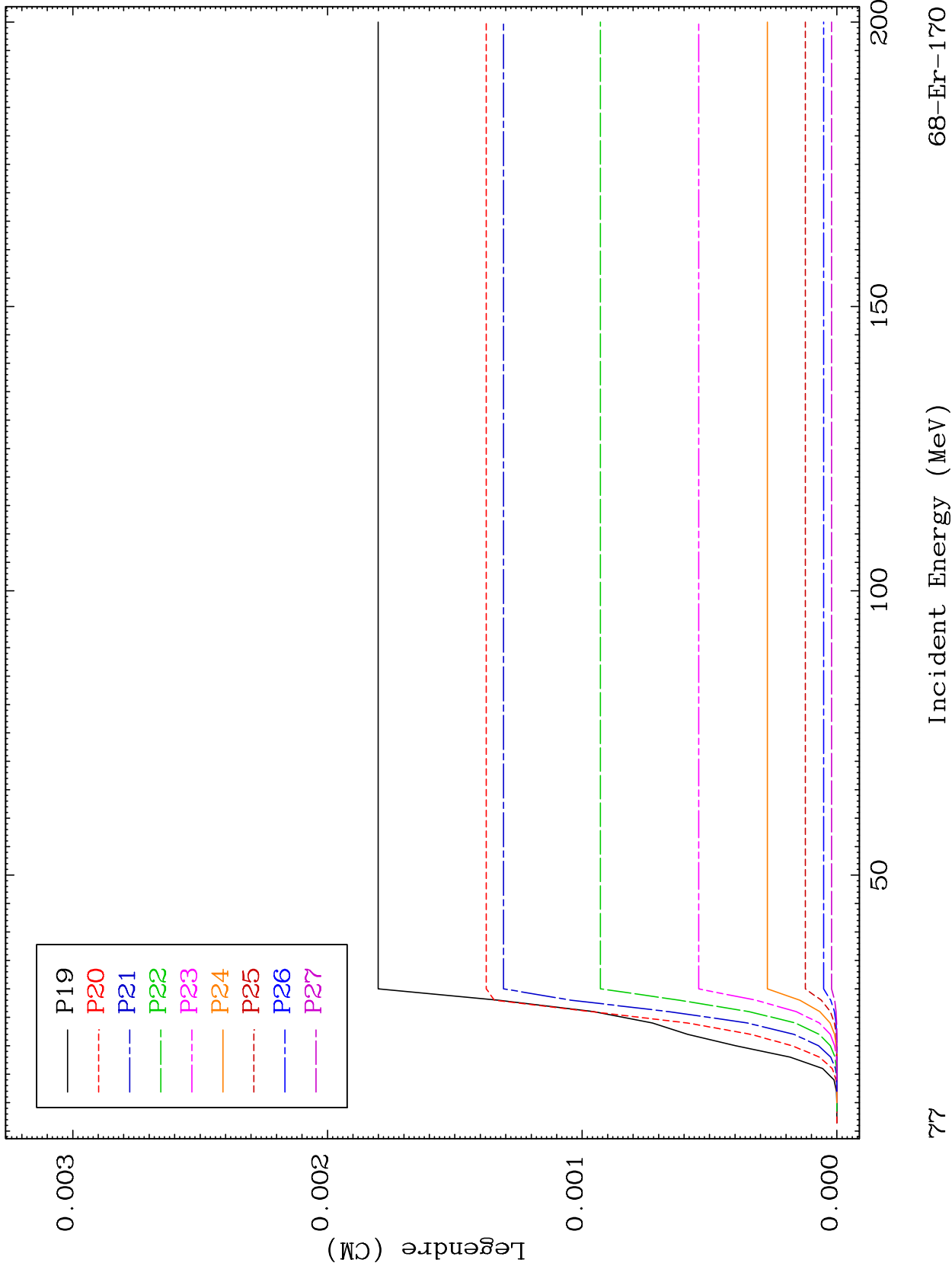
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



77

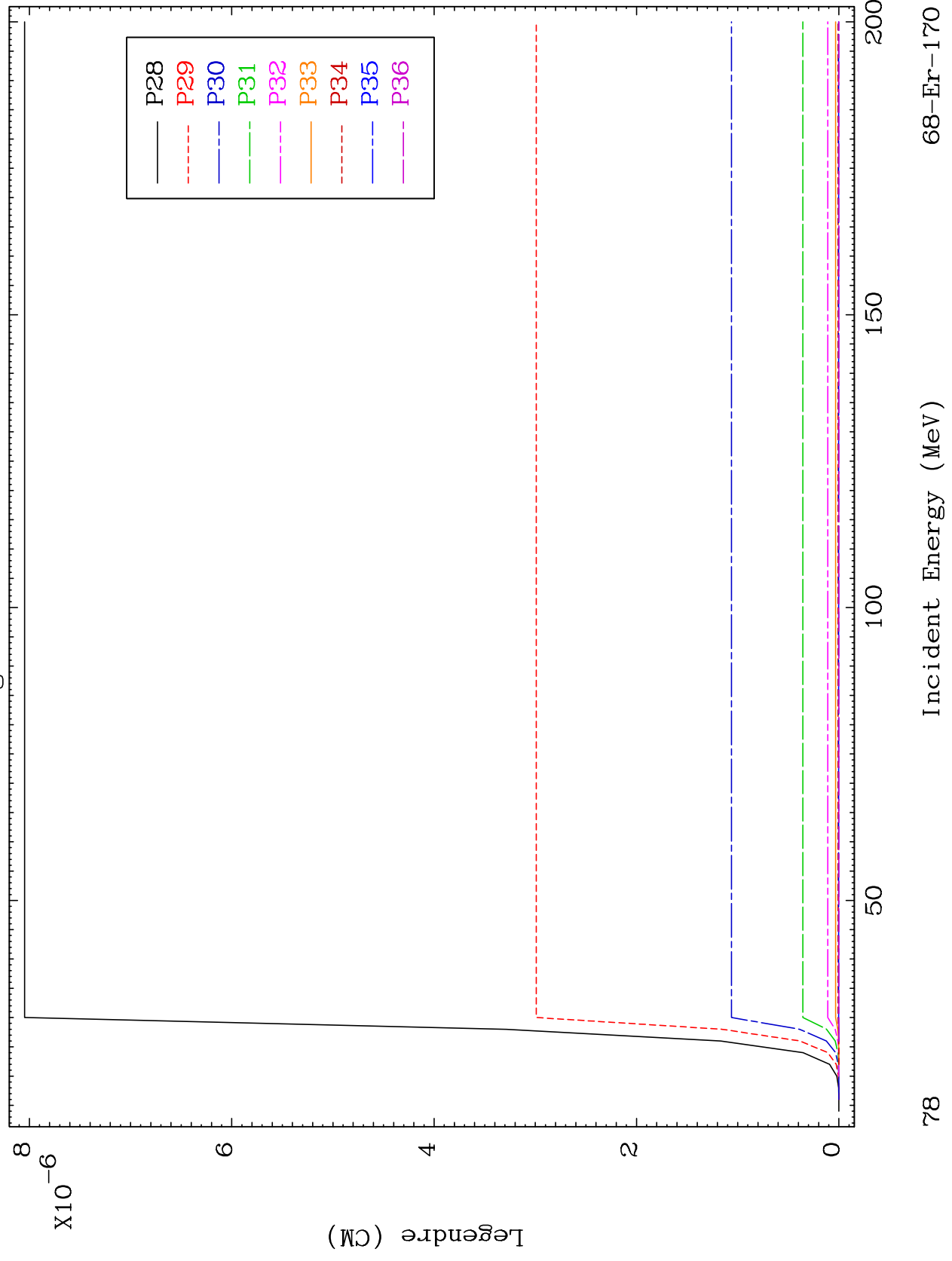
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



78

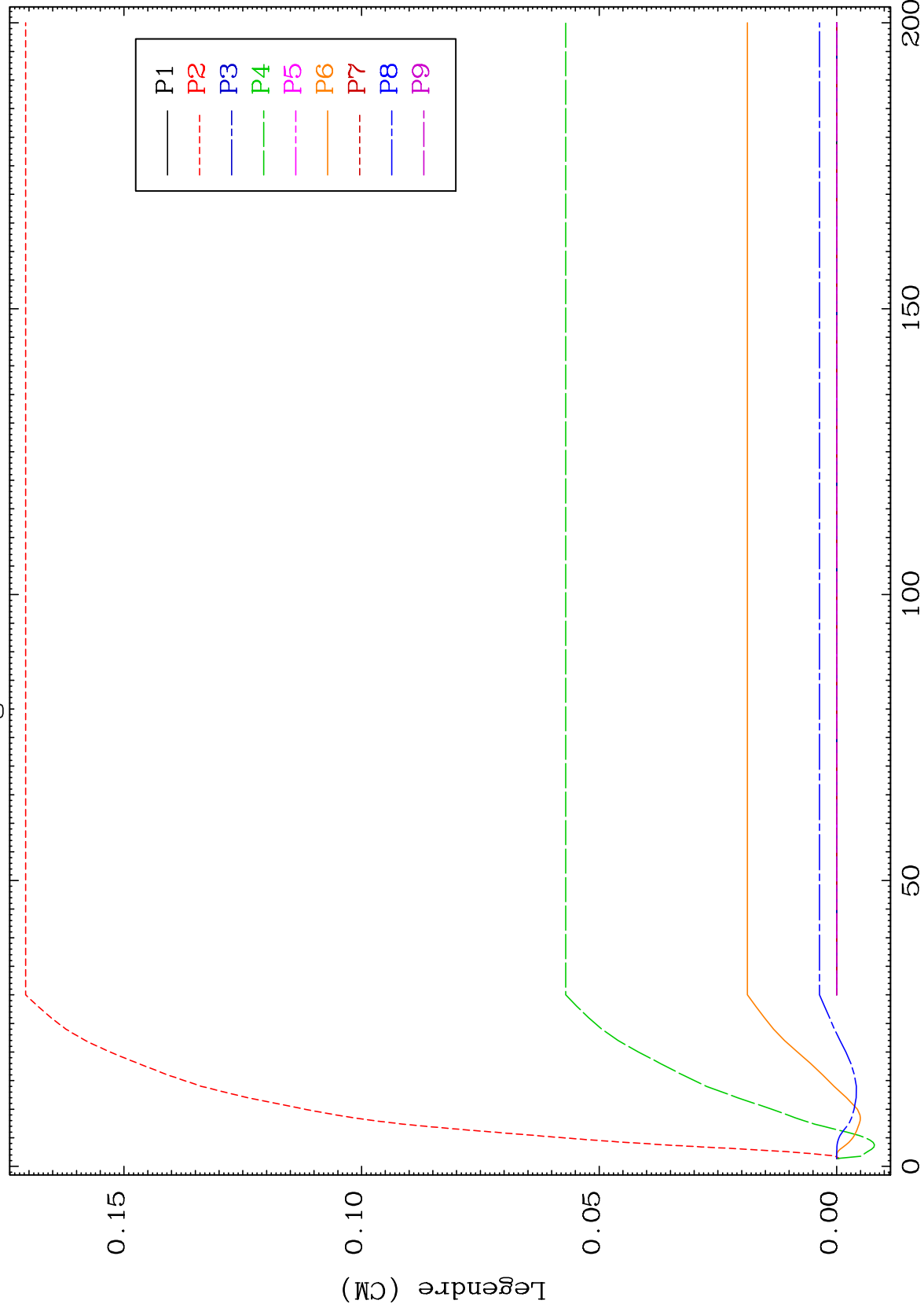
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



79

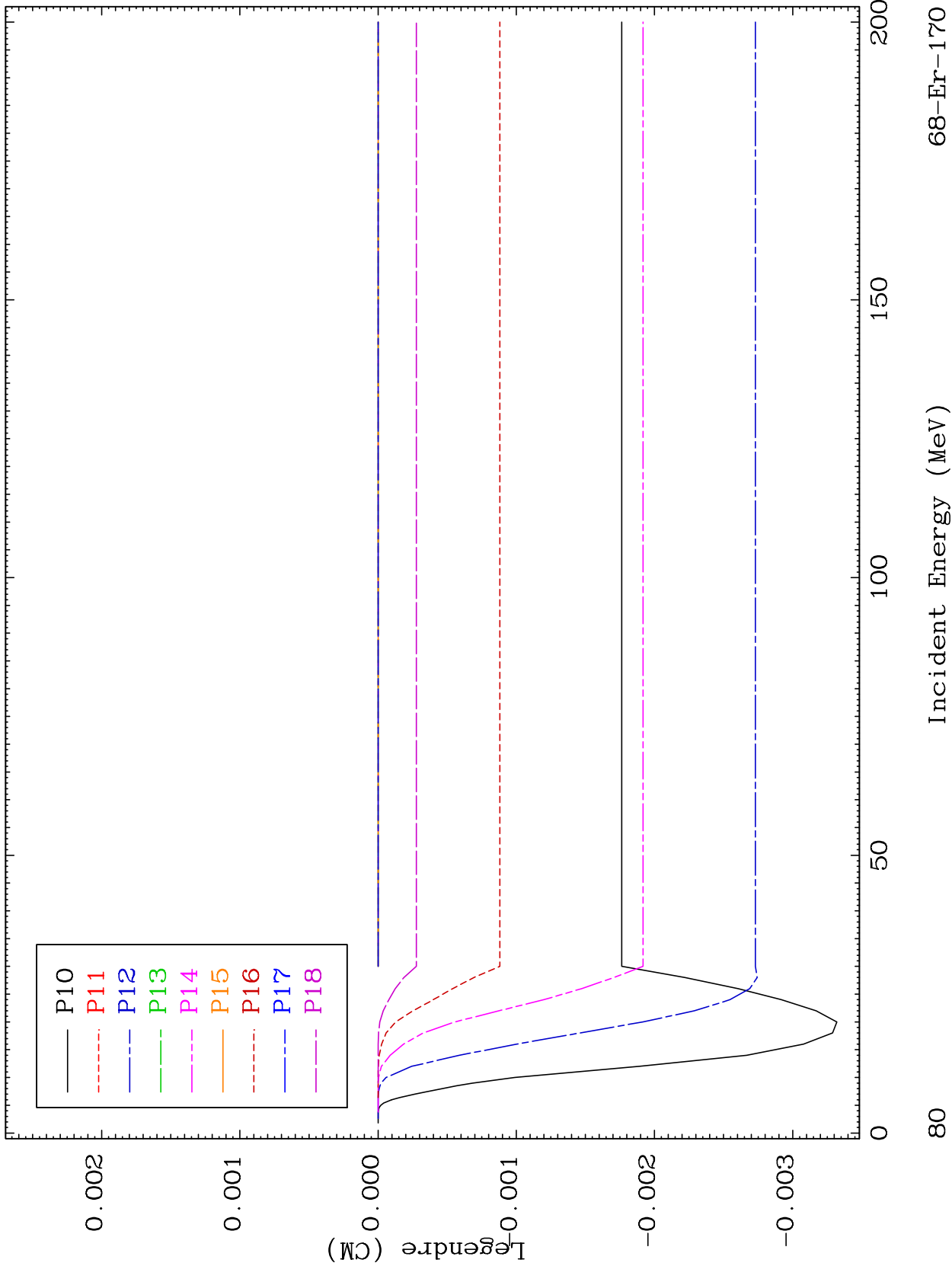
Incident Energy (MeV)

68-Er-170

MAT 6849

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

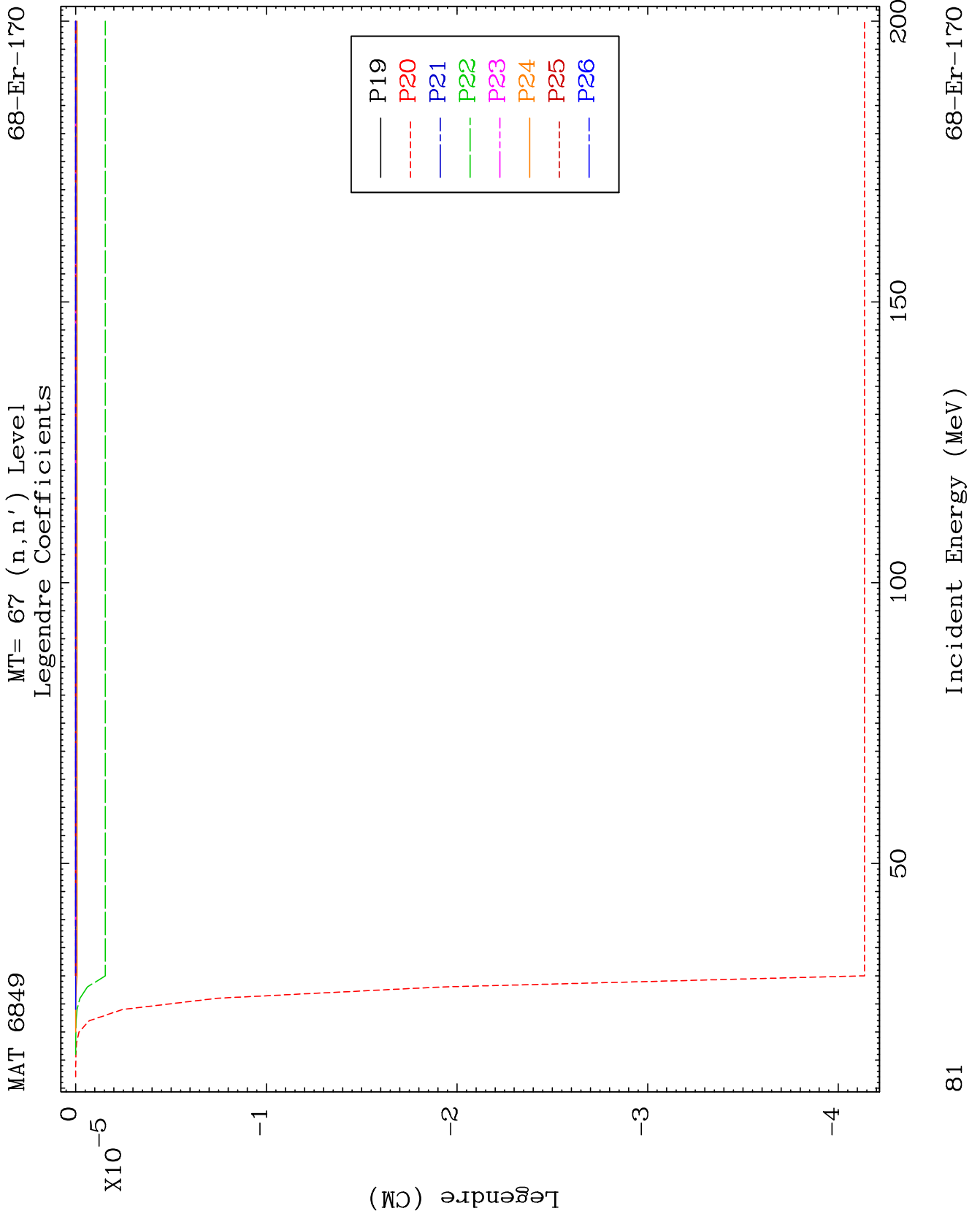
68-Er-170

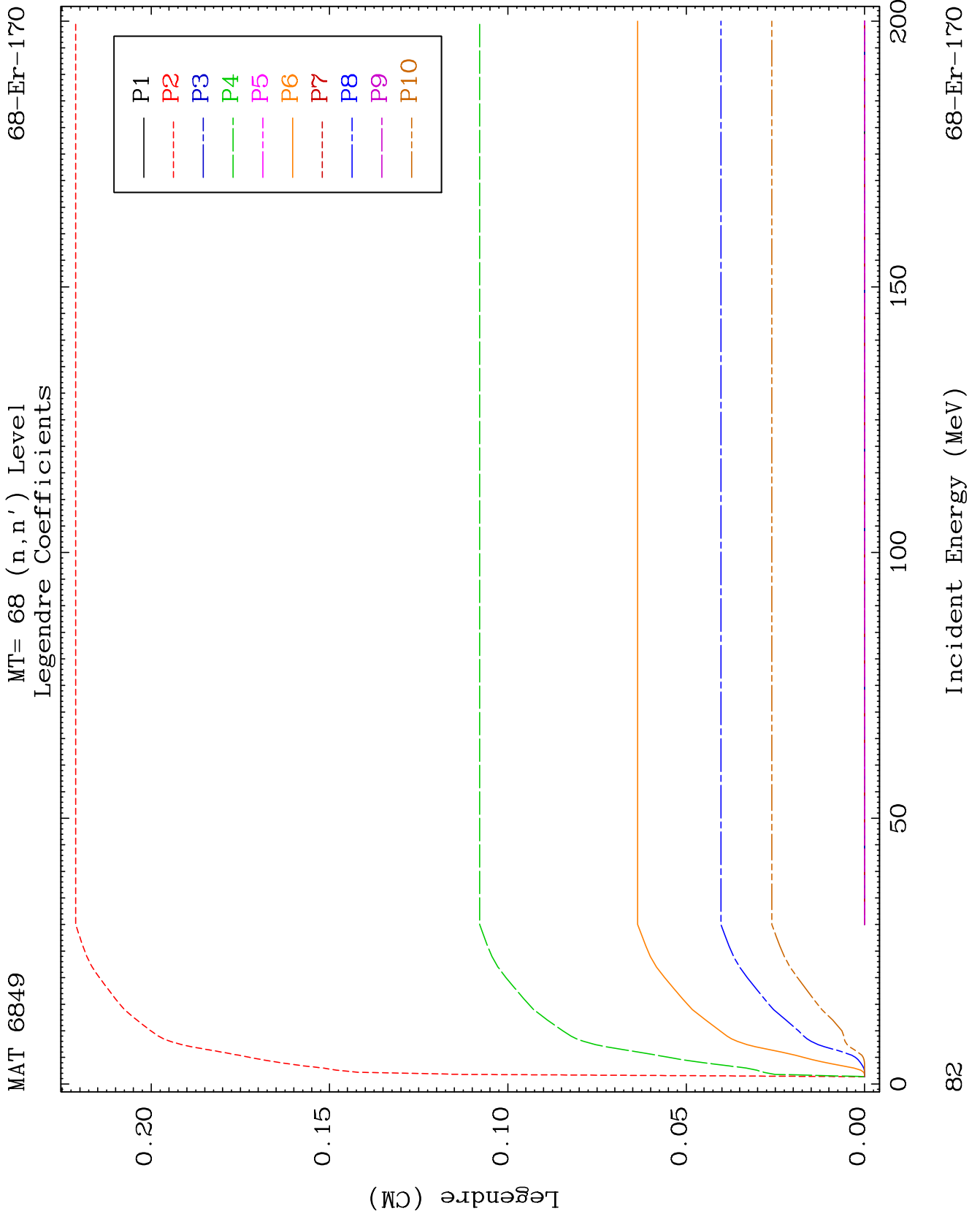


68-Er-170

Incident Energy (MeV)

80

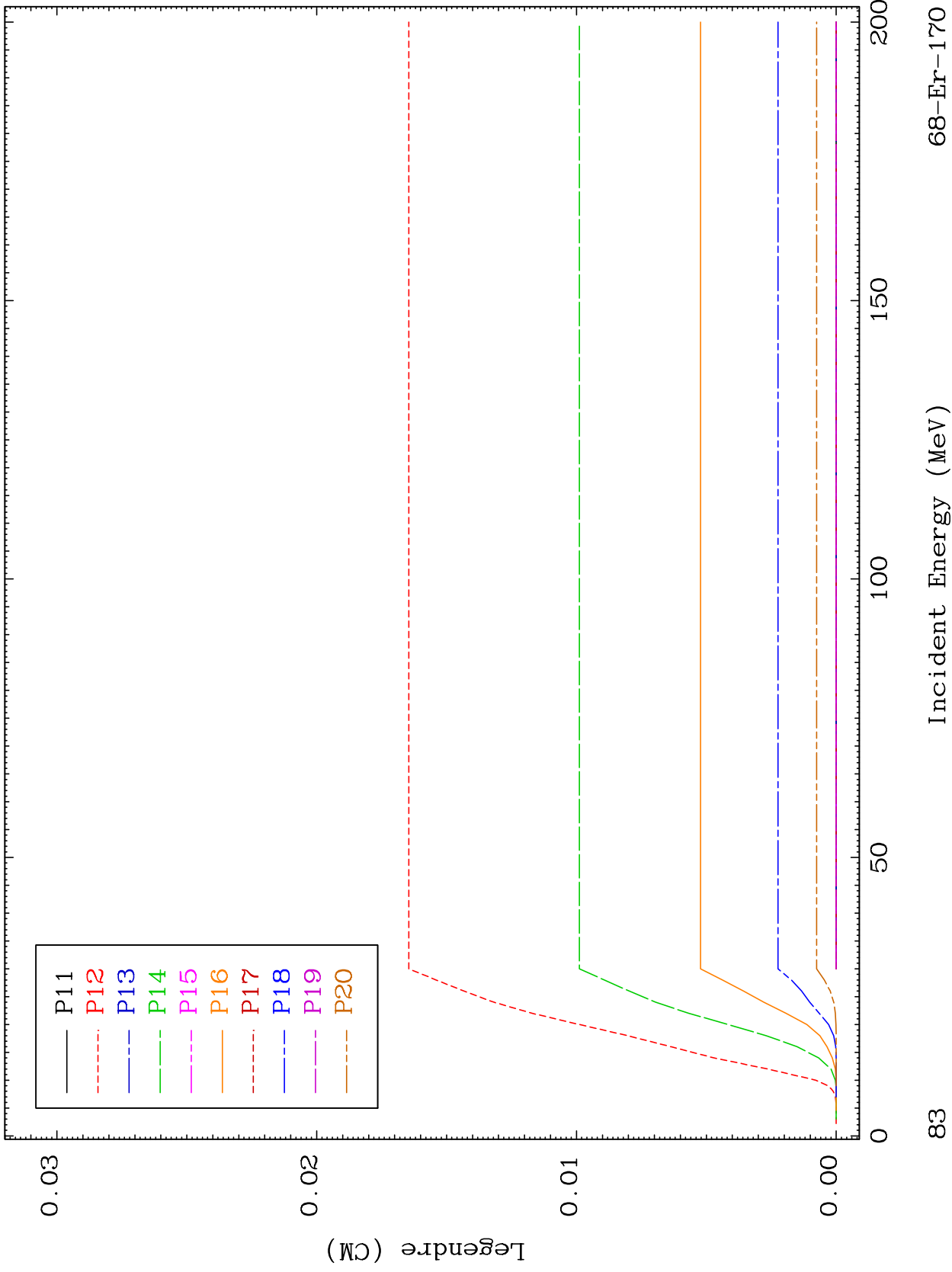




MAT 6849

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

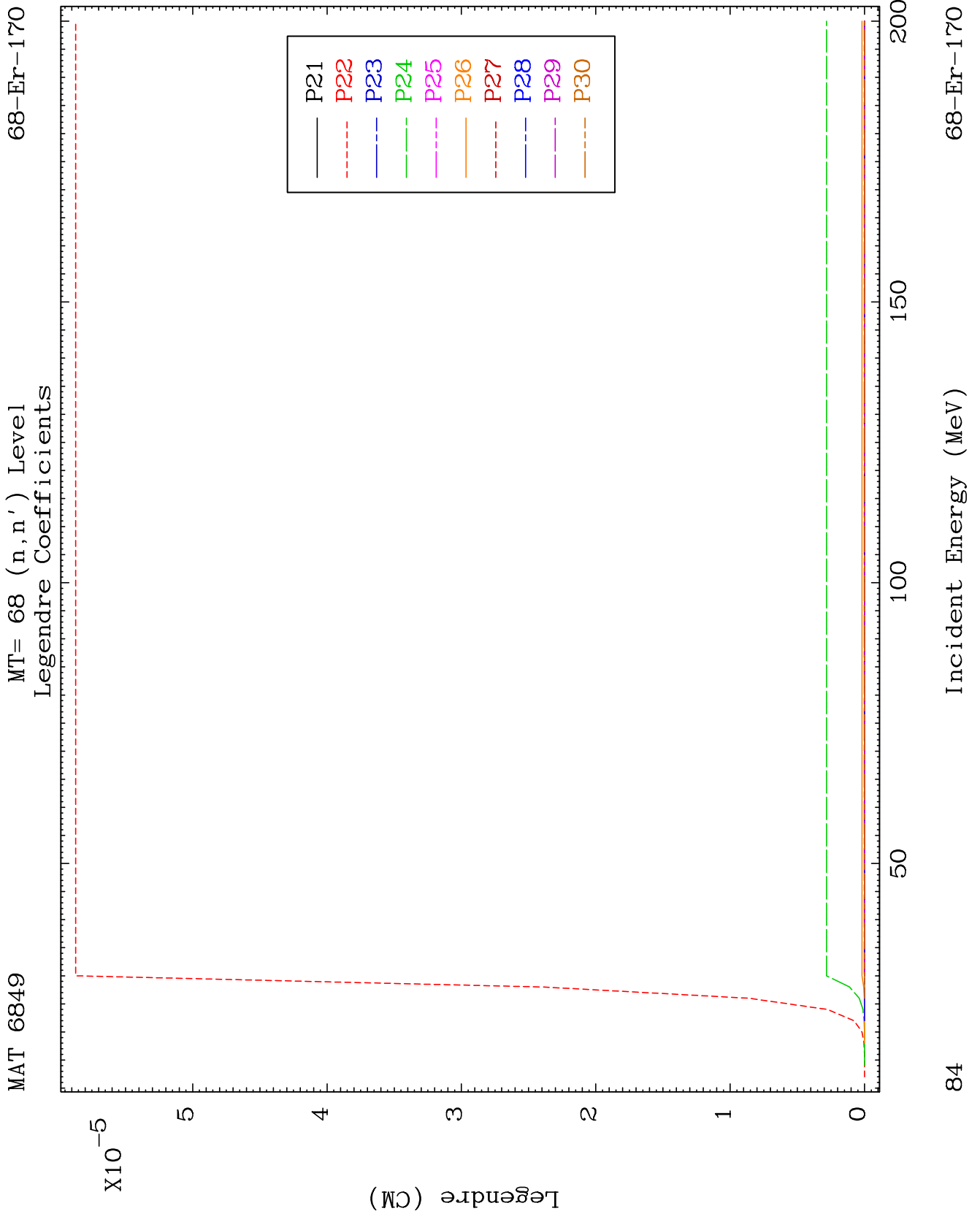
68-Er-170



83

Incident Energy (MeV)

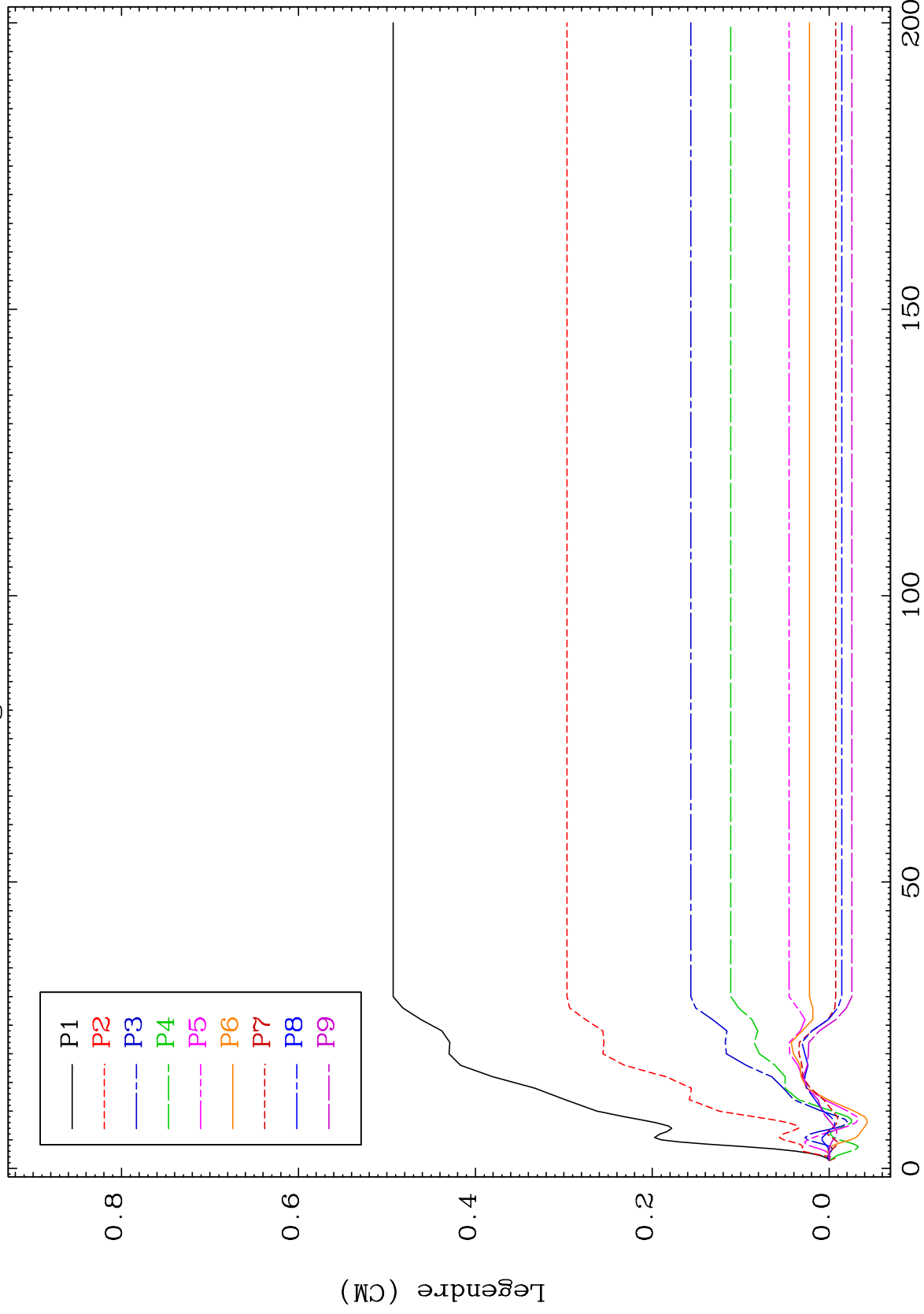
68-Er-170



MAT 6849

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

68-Er-170



85

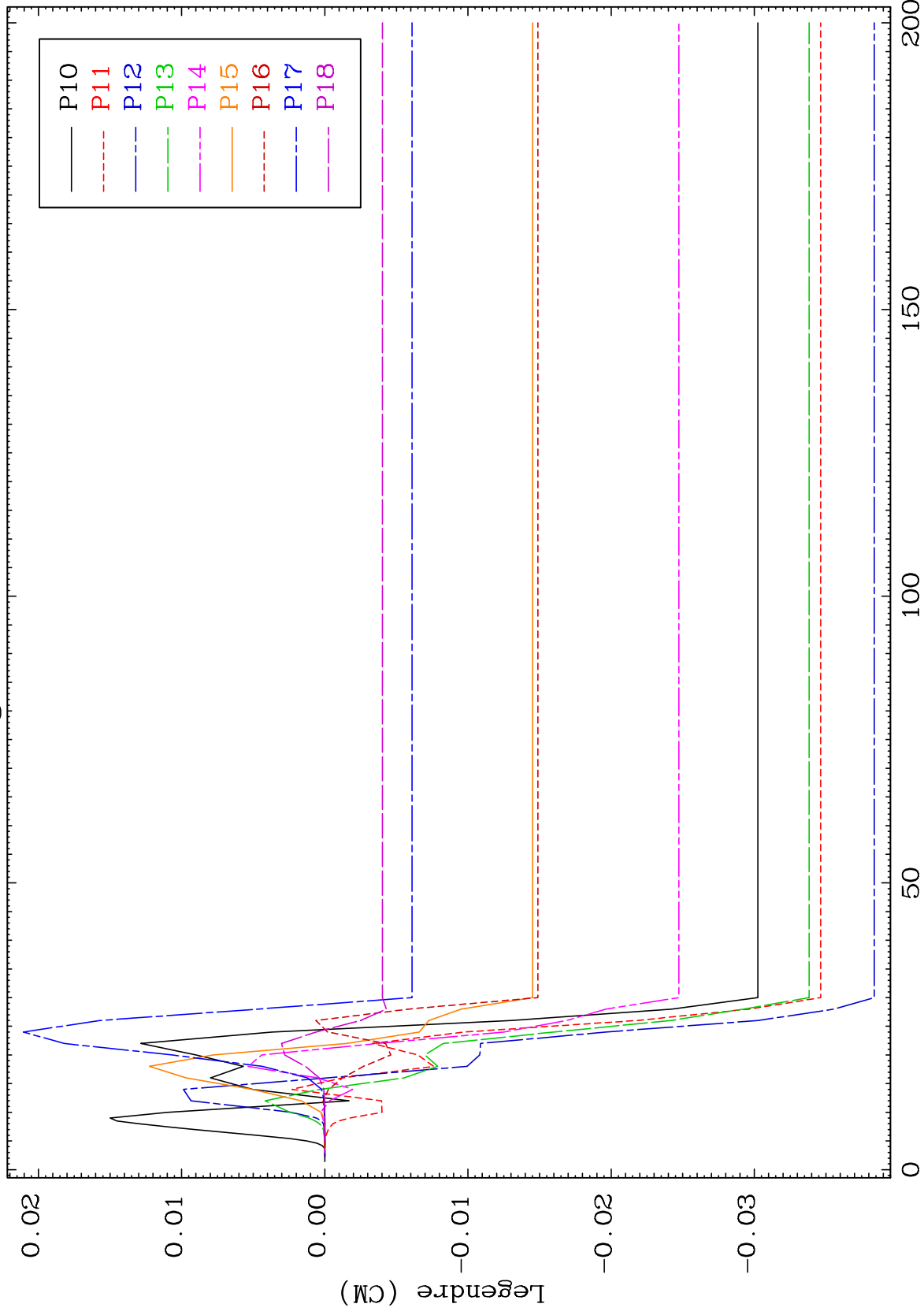
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



86

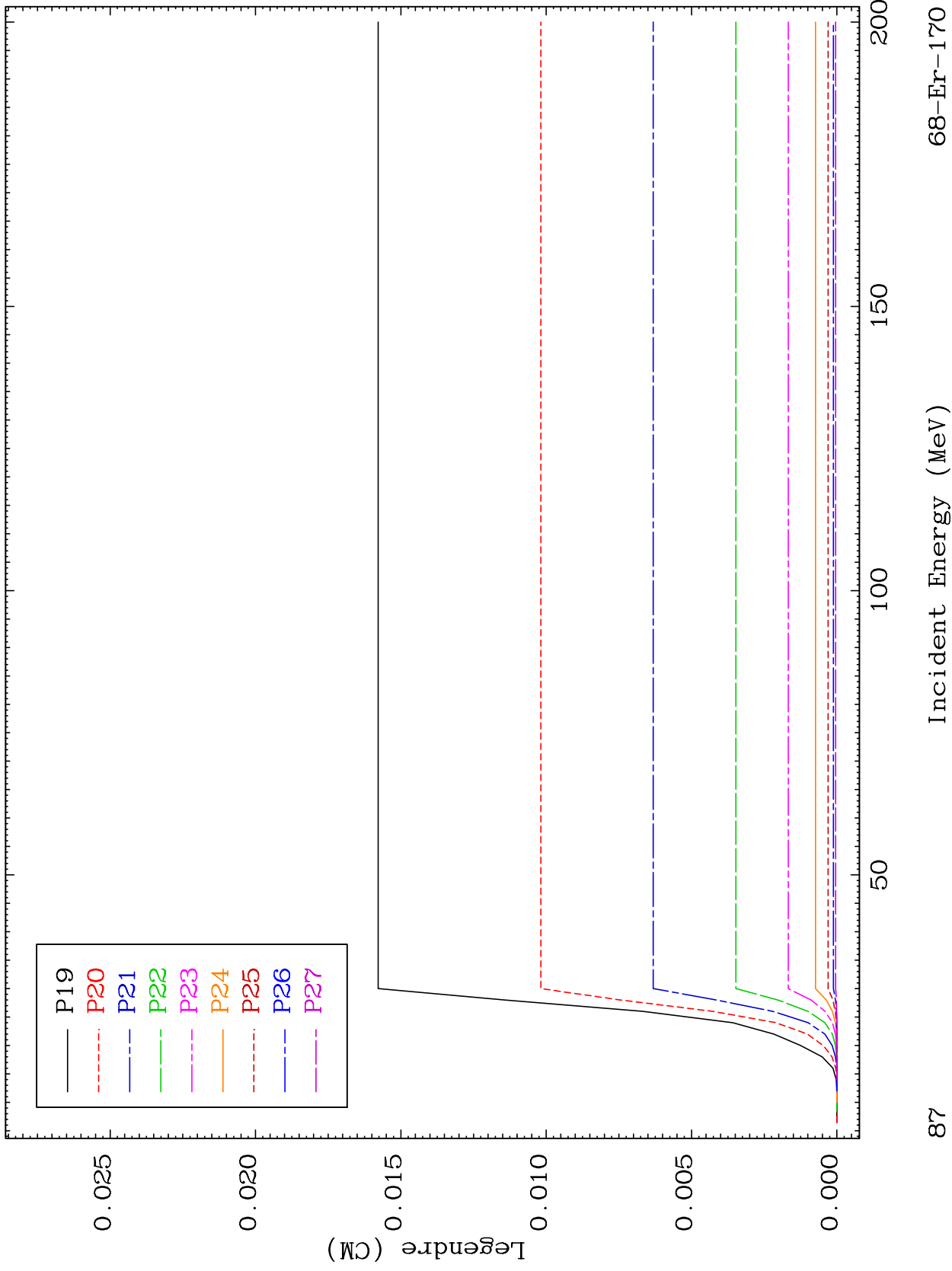
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



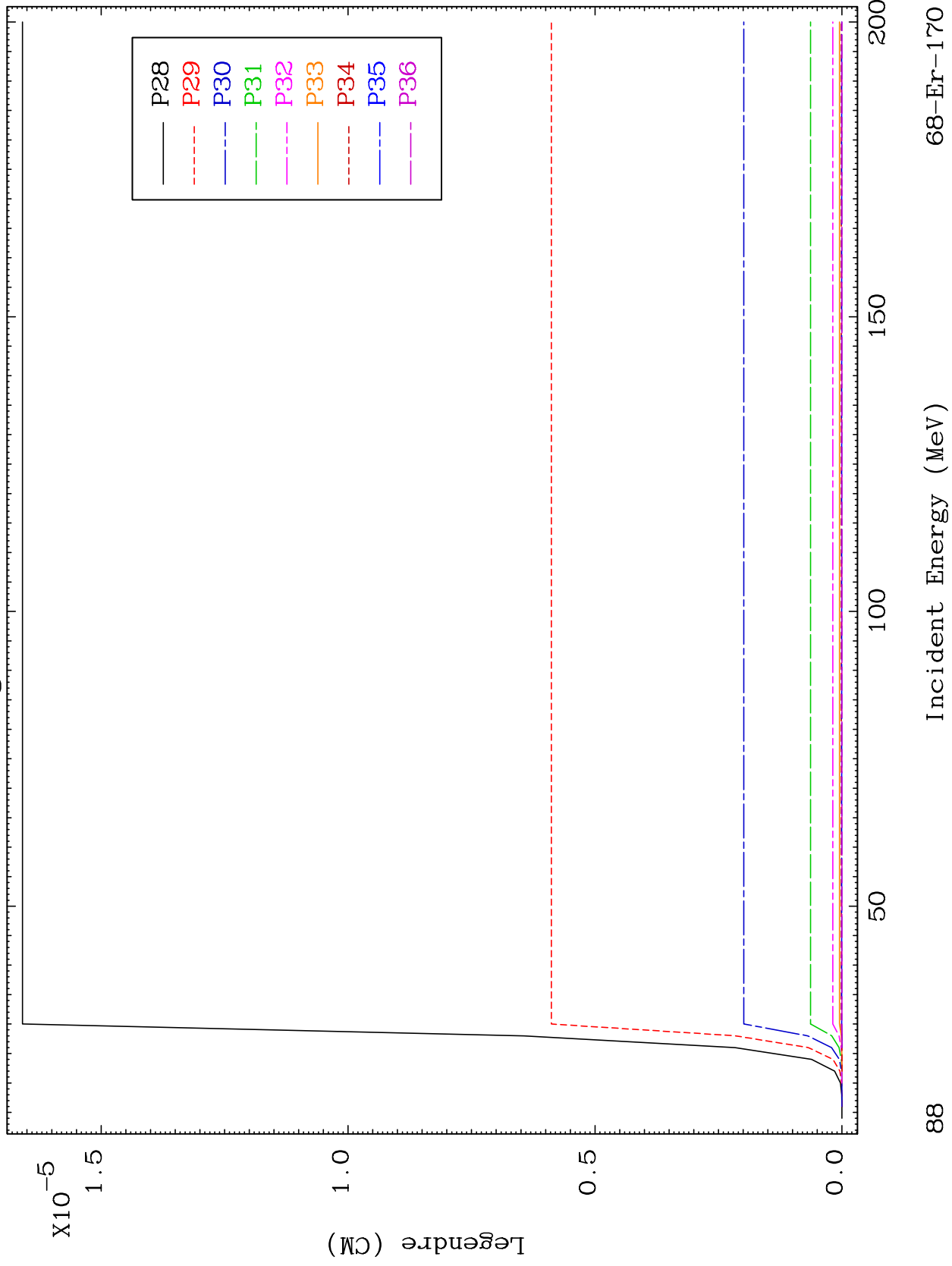
87

68-Er-170

MAT 6849

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

68-Er-170



88

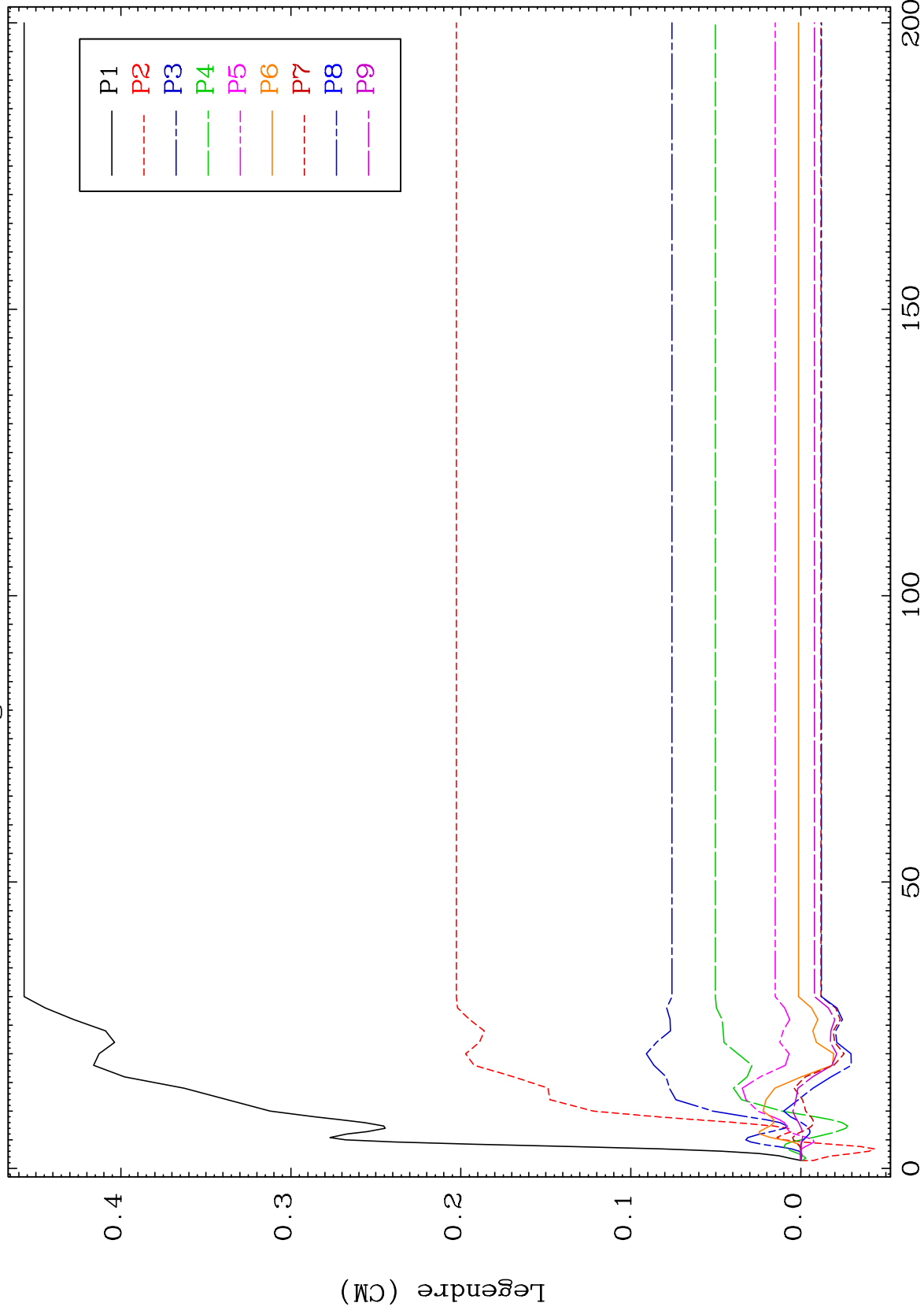
Incident Energy (MeV)

68-Er-170

MAT 6849

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

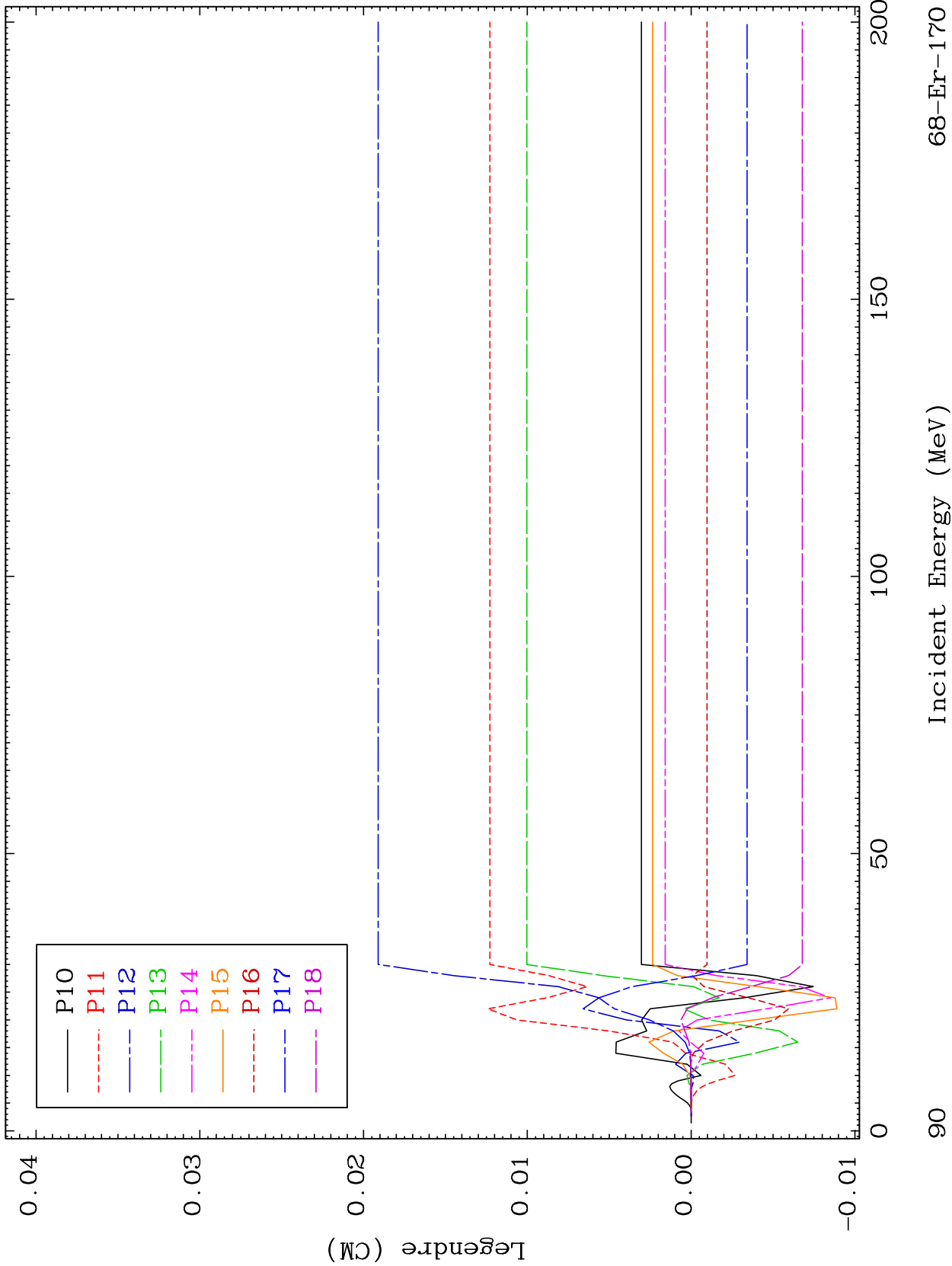
68-Er-170



MAT 6849

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

68-Er-170



68-Er-170

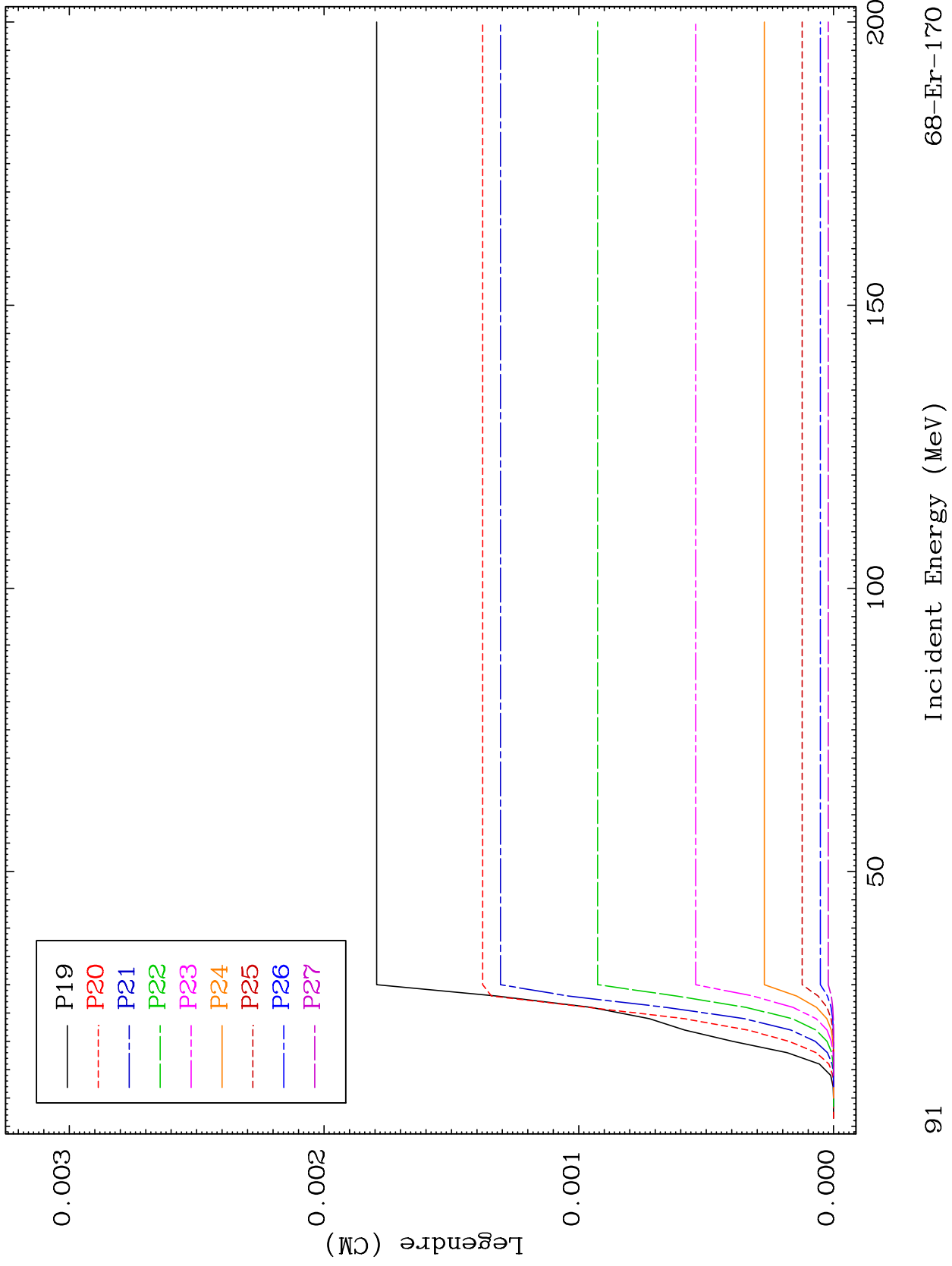
Incident Energy (MeV)

90

MAT 6849

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

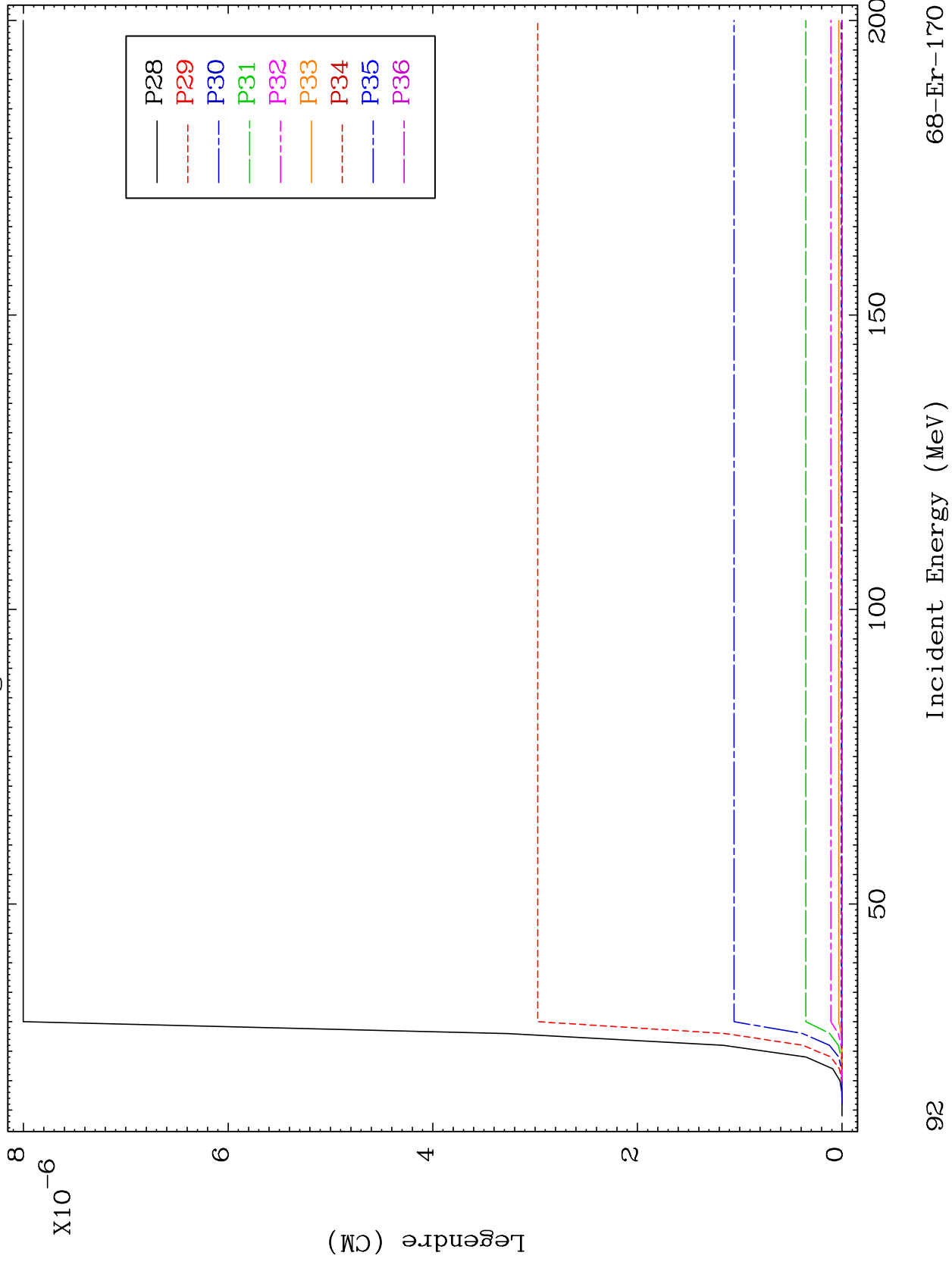
68-Er-170



MAT 6849

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

68-Er-170

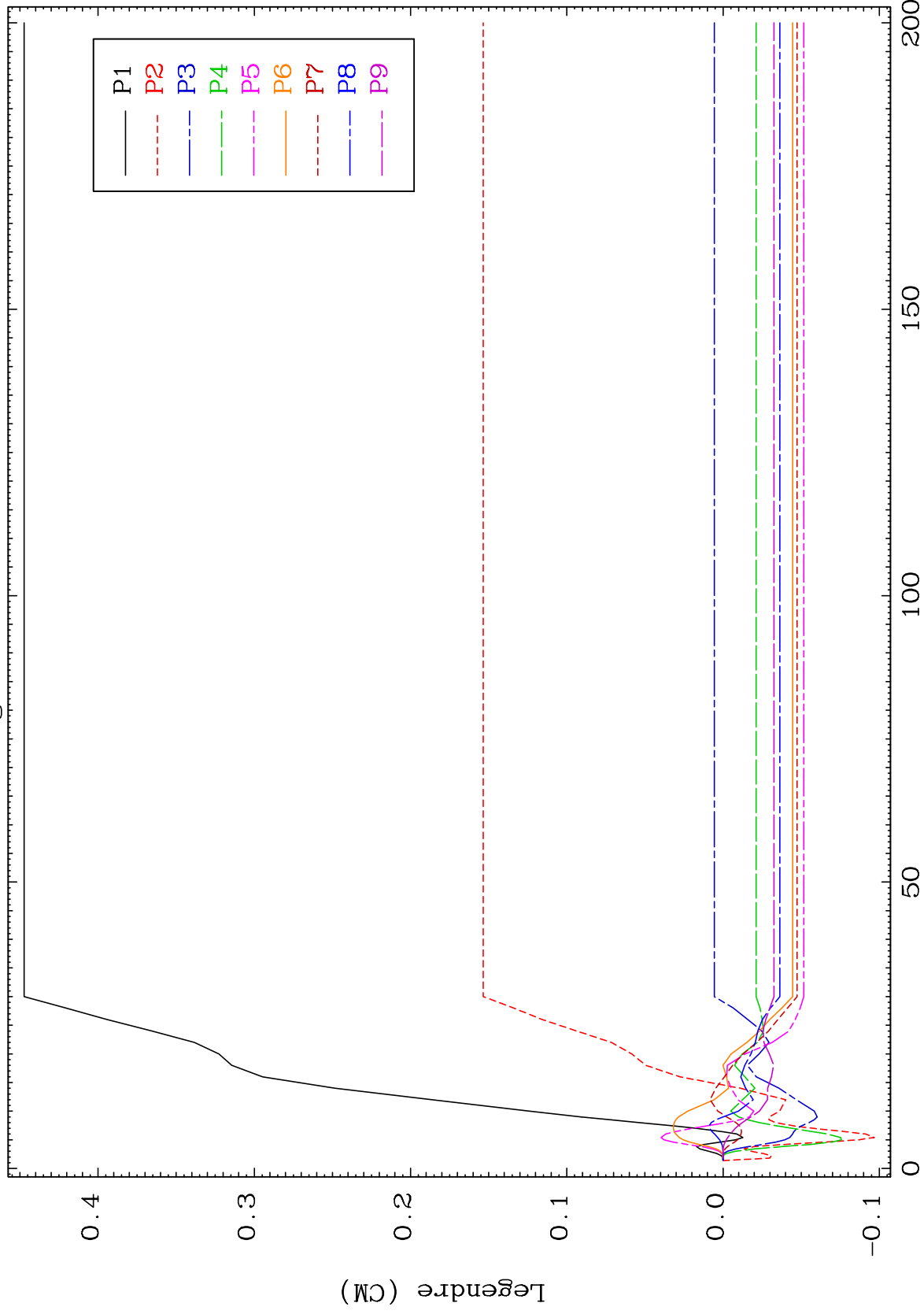


92

MAT 6849

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

68-Er-170



93

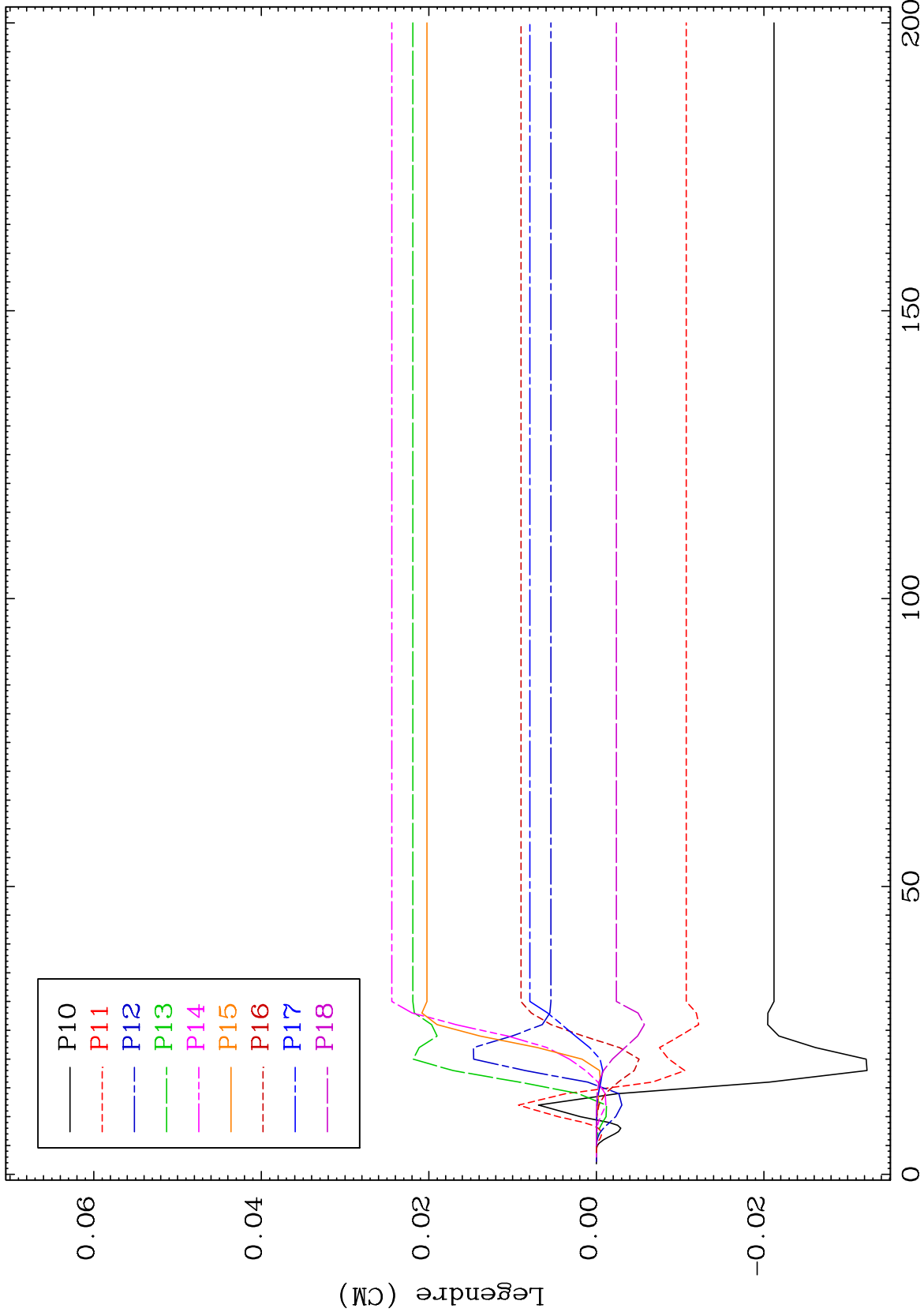
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



94

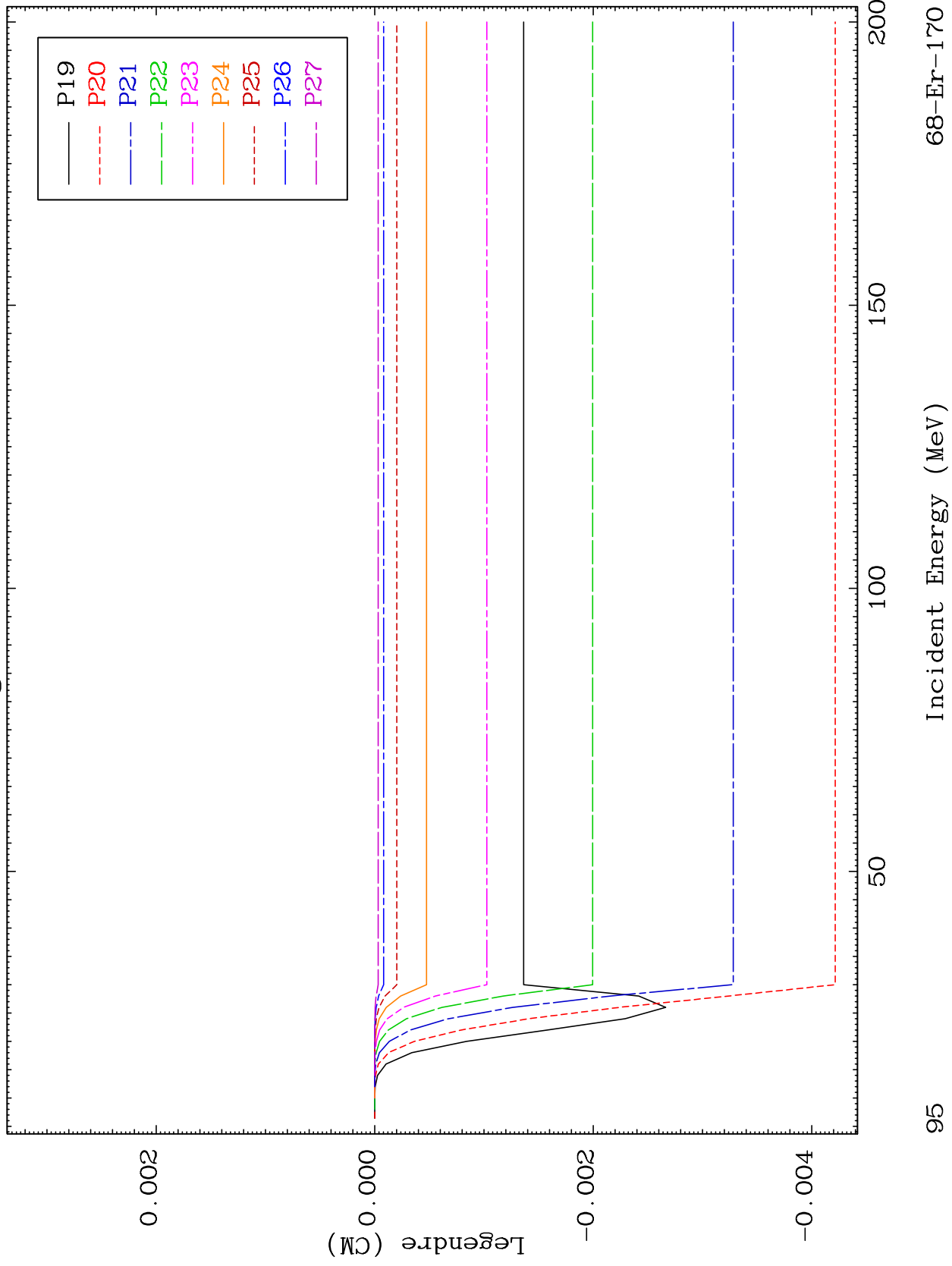
Incident Energy (MeV)

68-Er-170

MAT 6849

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

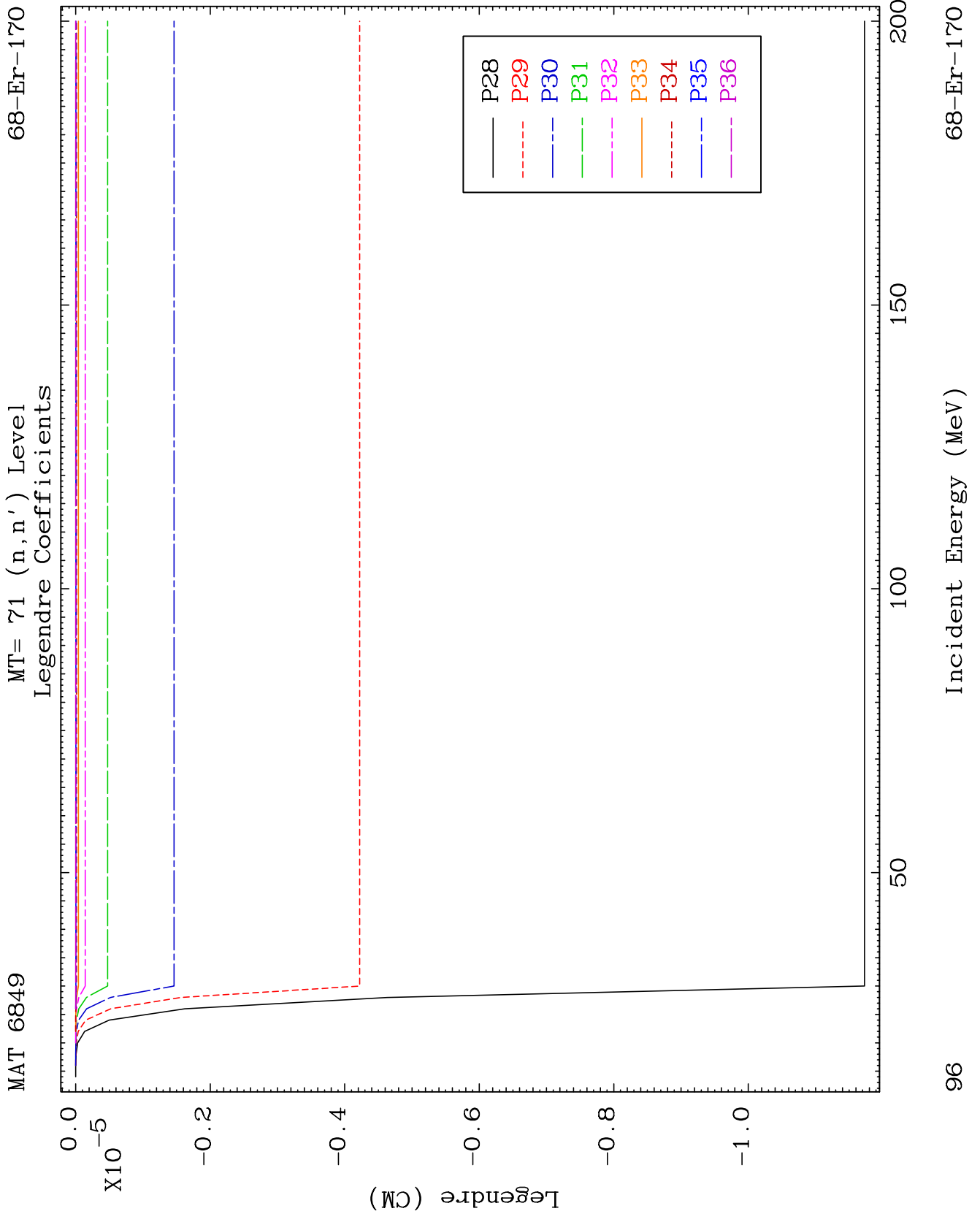
68-Er-170



95

Incident Energy (MeV)

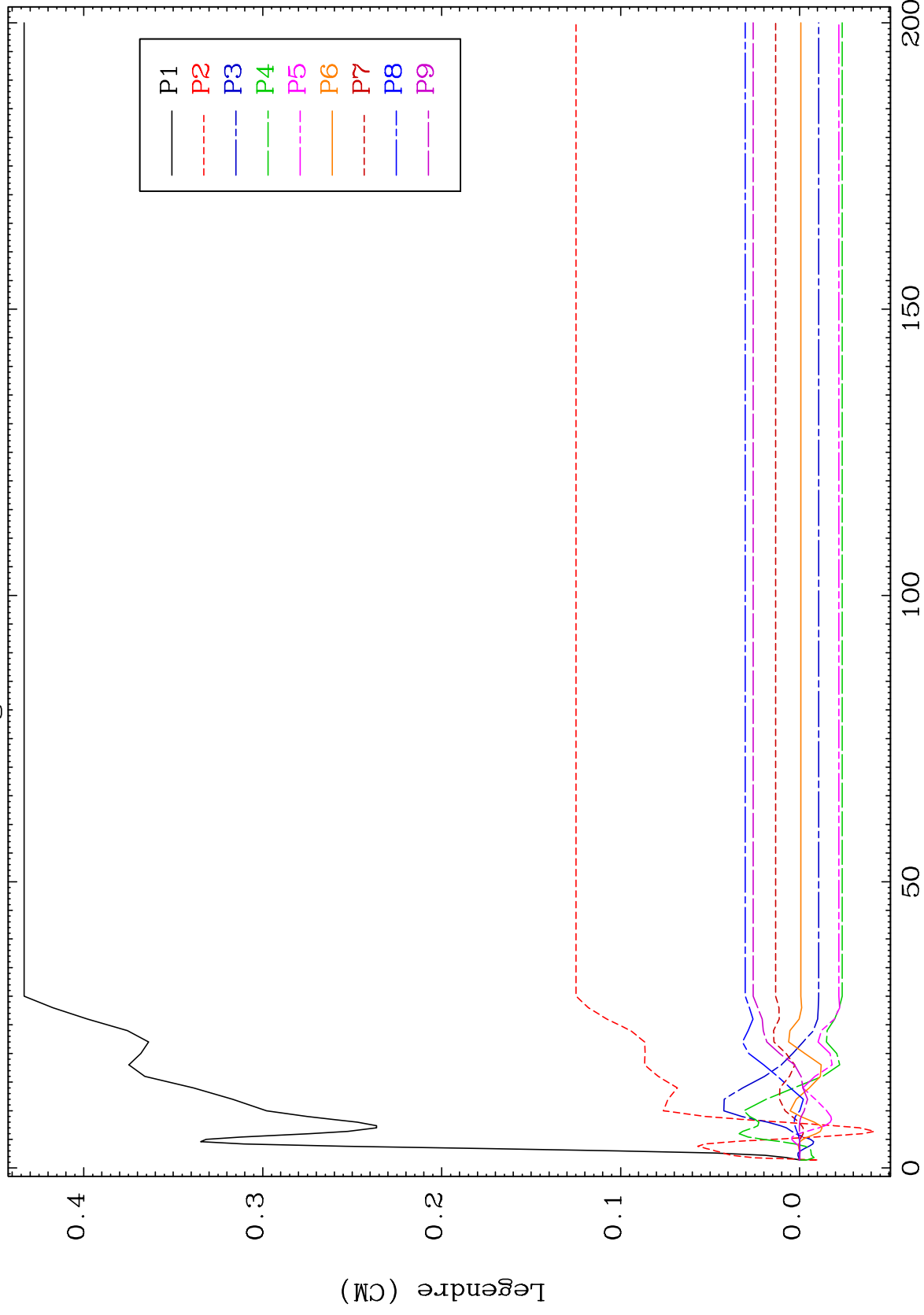
68-Er-170



MAT 6849

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

68-Er-170



97

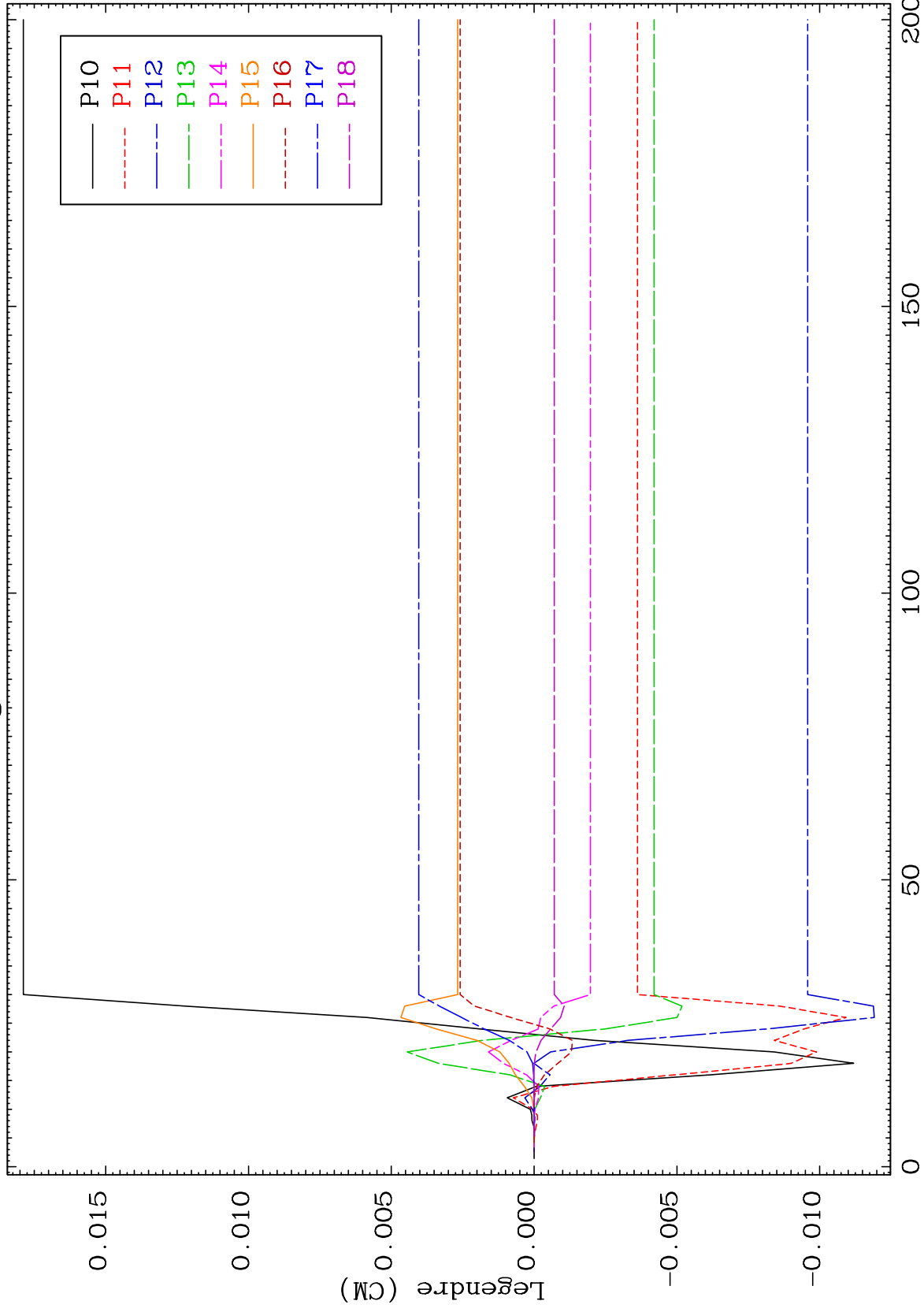
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



98

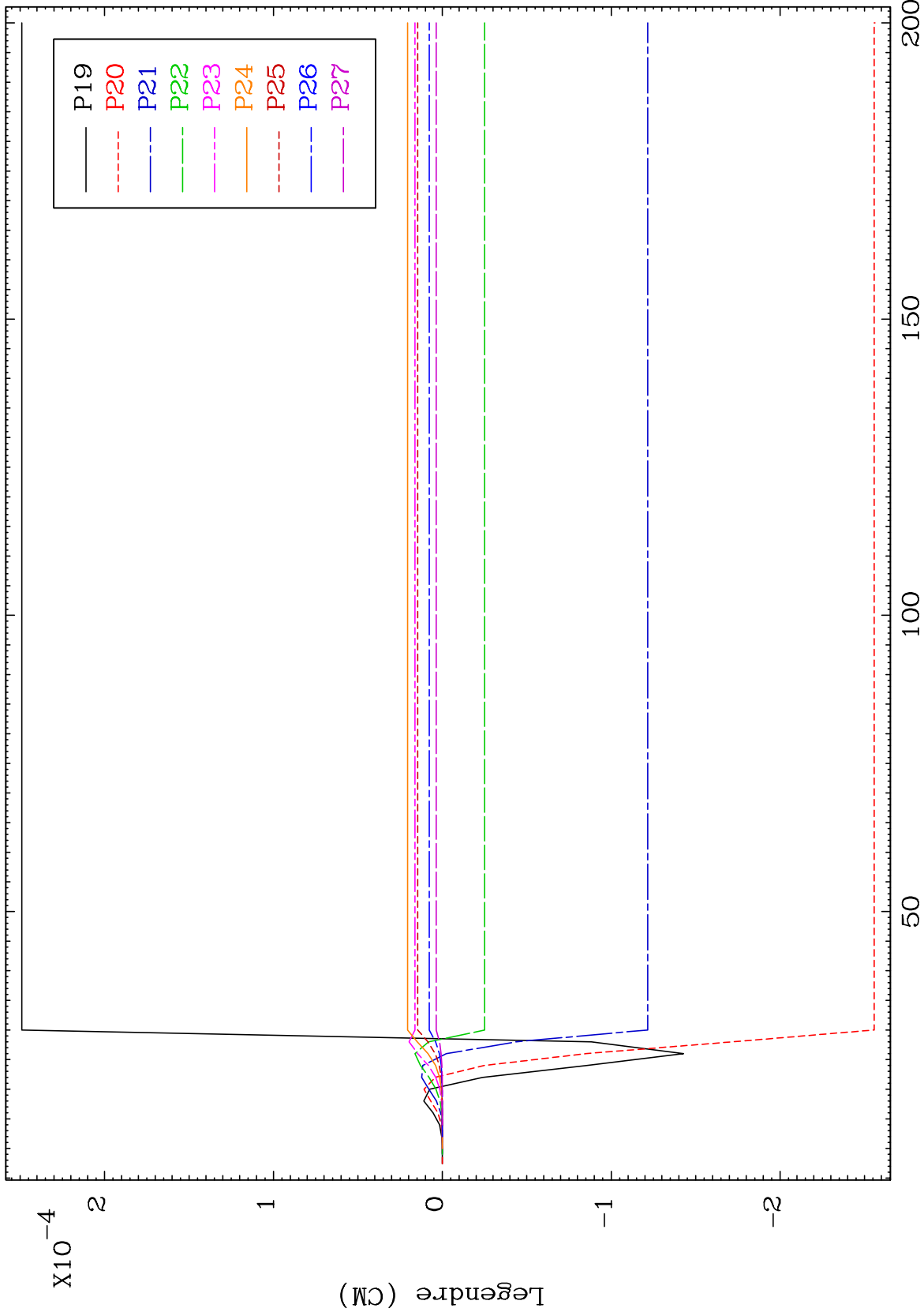
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



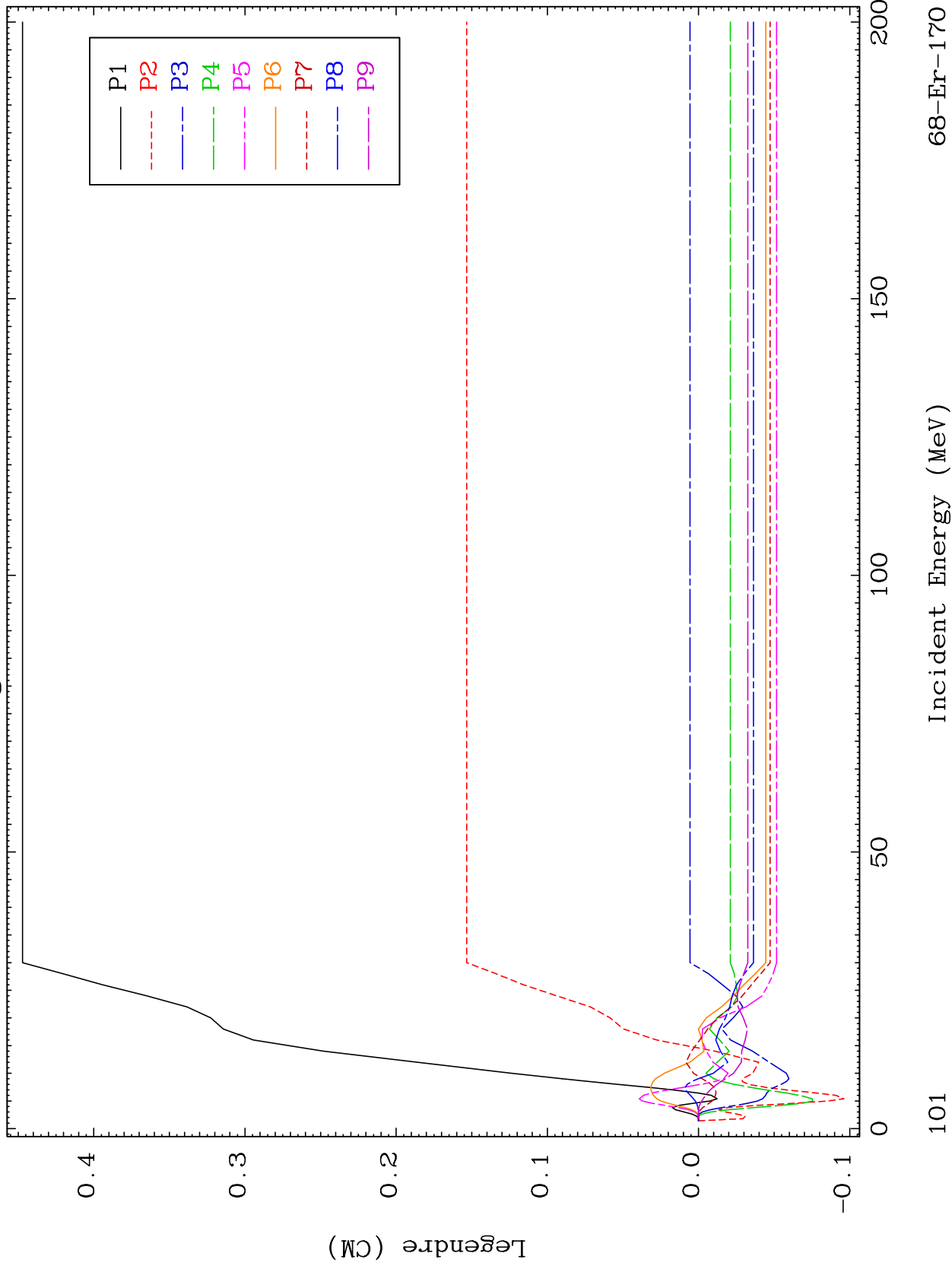
99

68-Er-170

MAT 6849

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

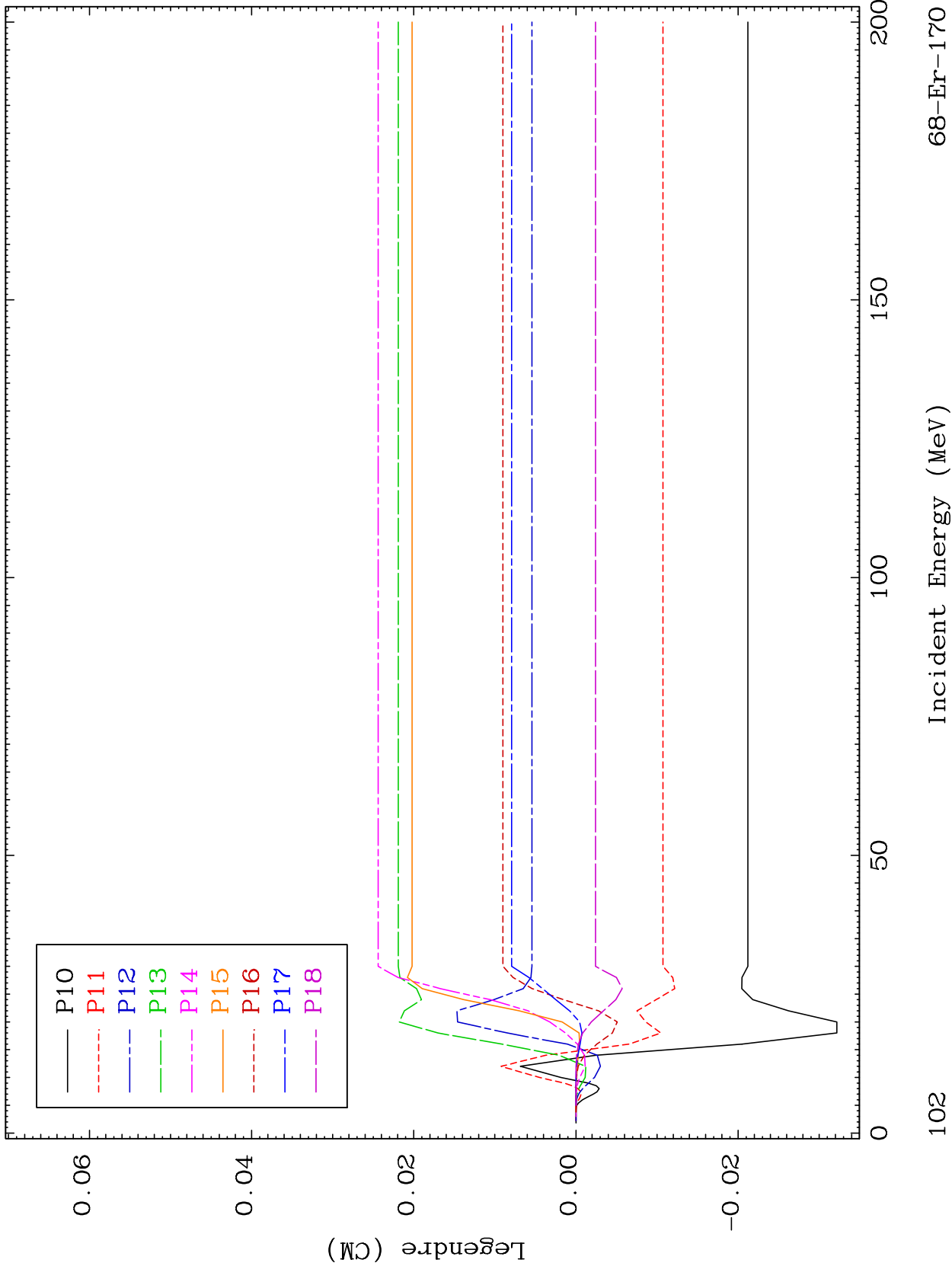
68-Er-170



MAT 6849

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

68-Er-170

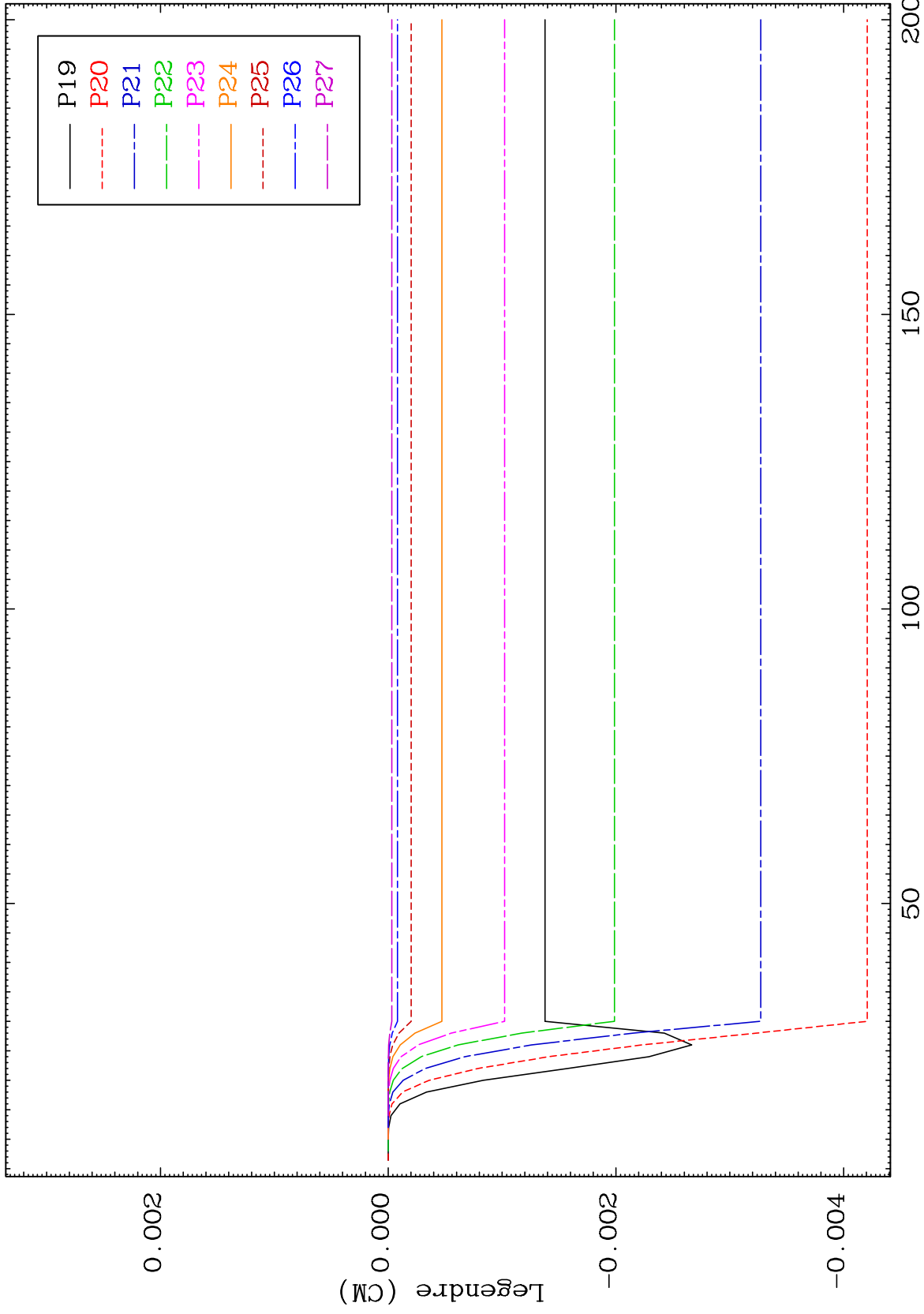


102

MAT 6849

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

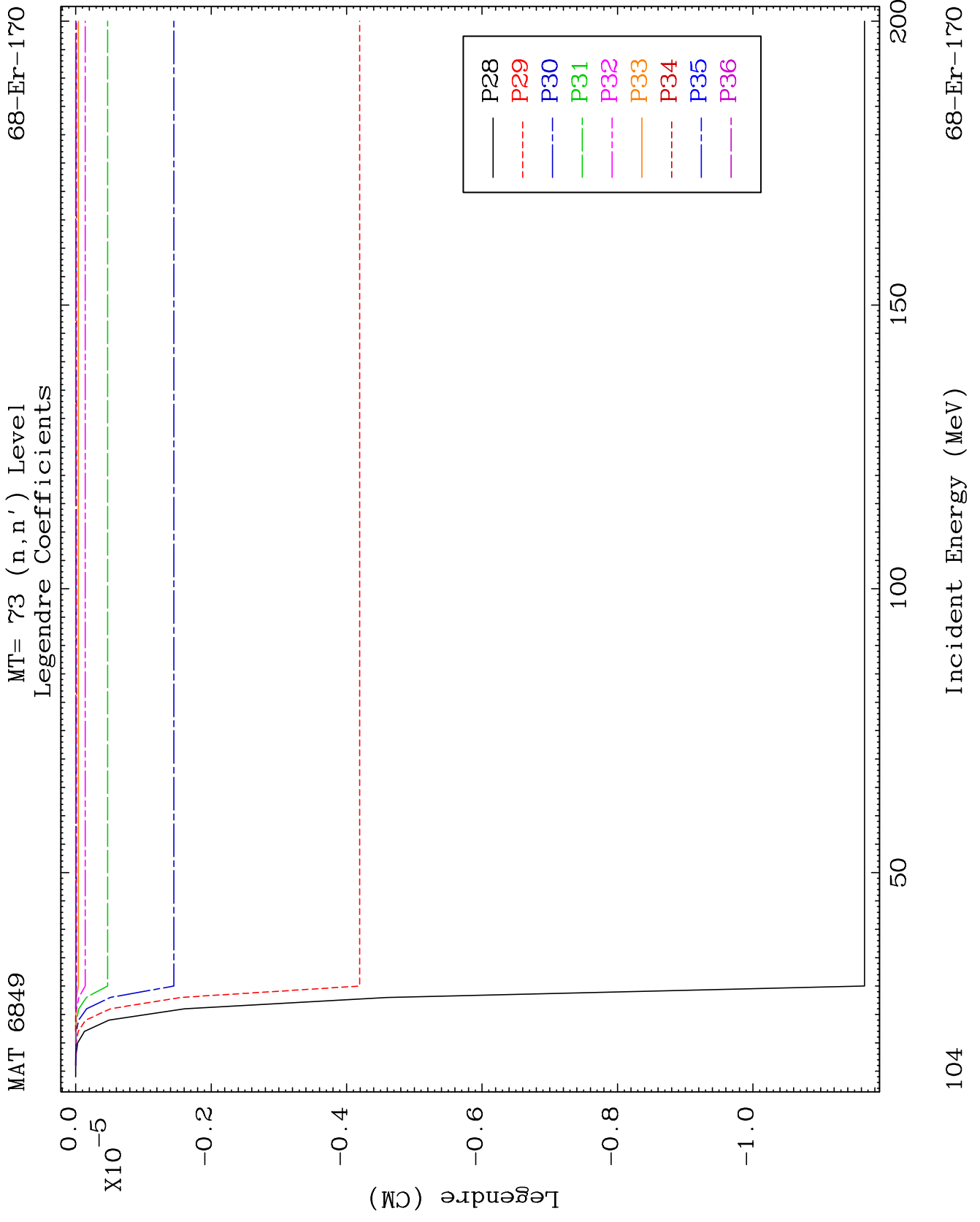
68-Er-170



103

Incident Energy (MeV)

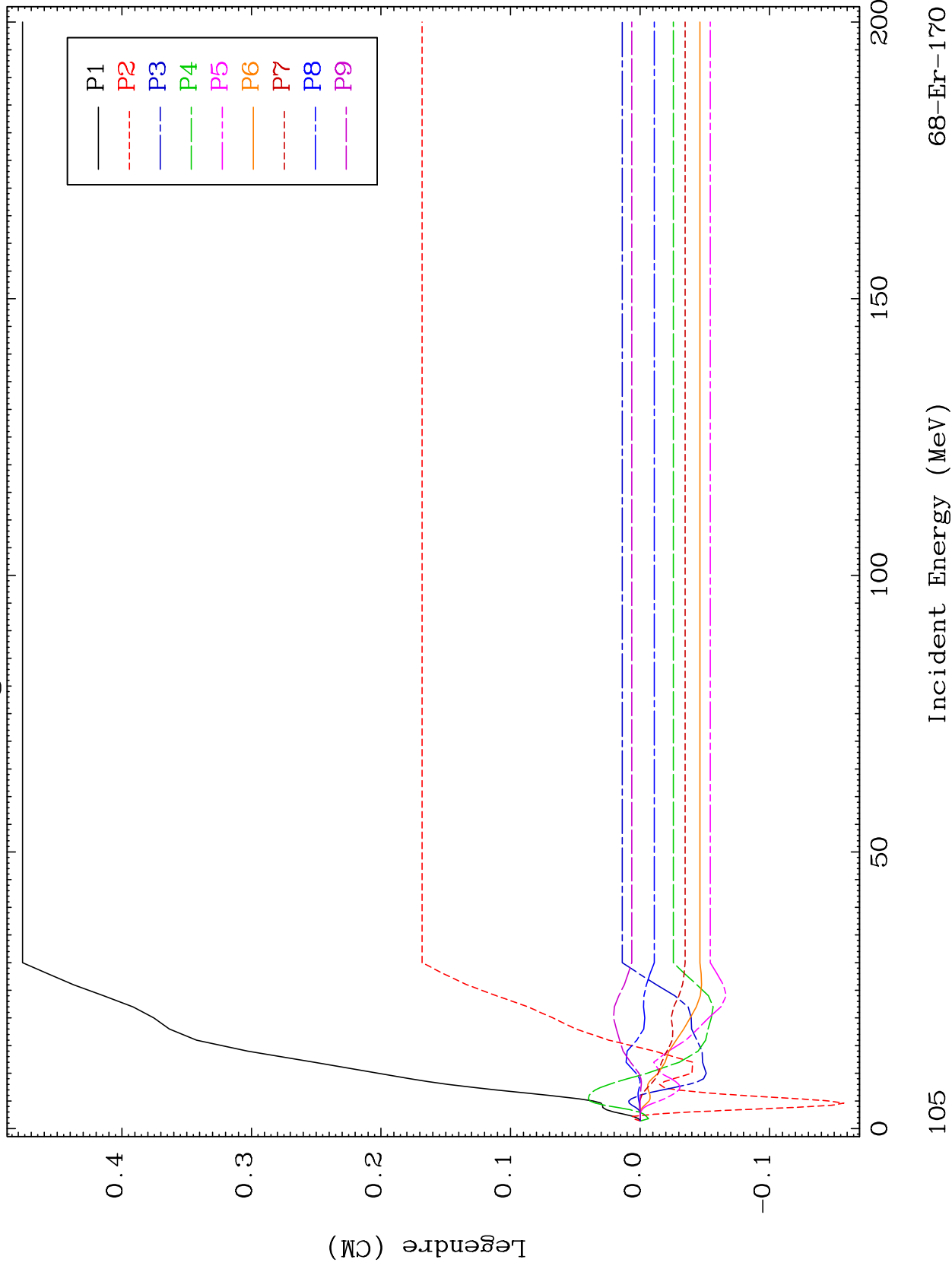
68-Er-170



MAT 6849

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

68-Er-170



68-Er-170

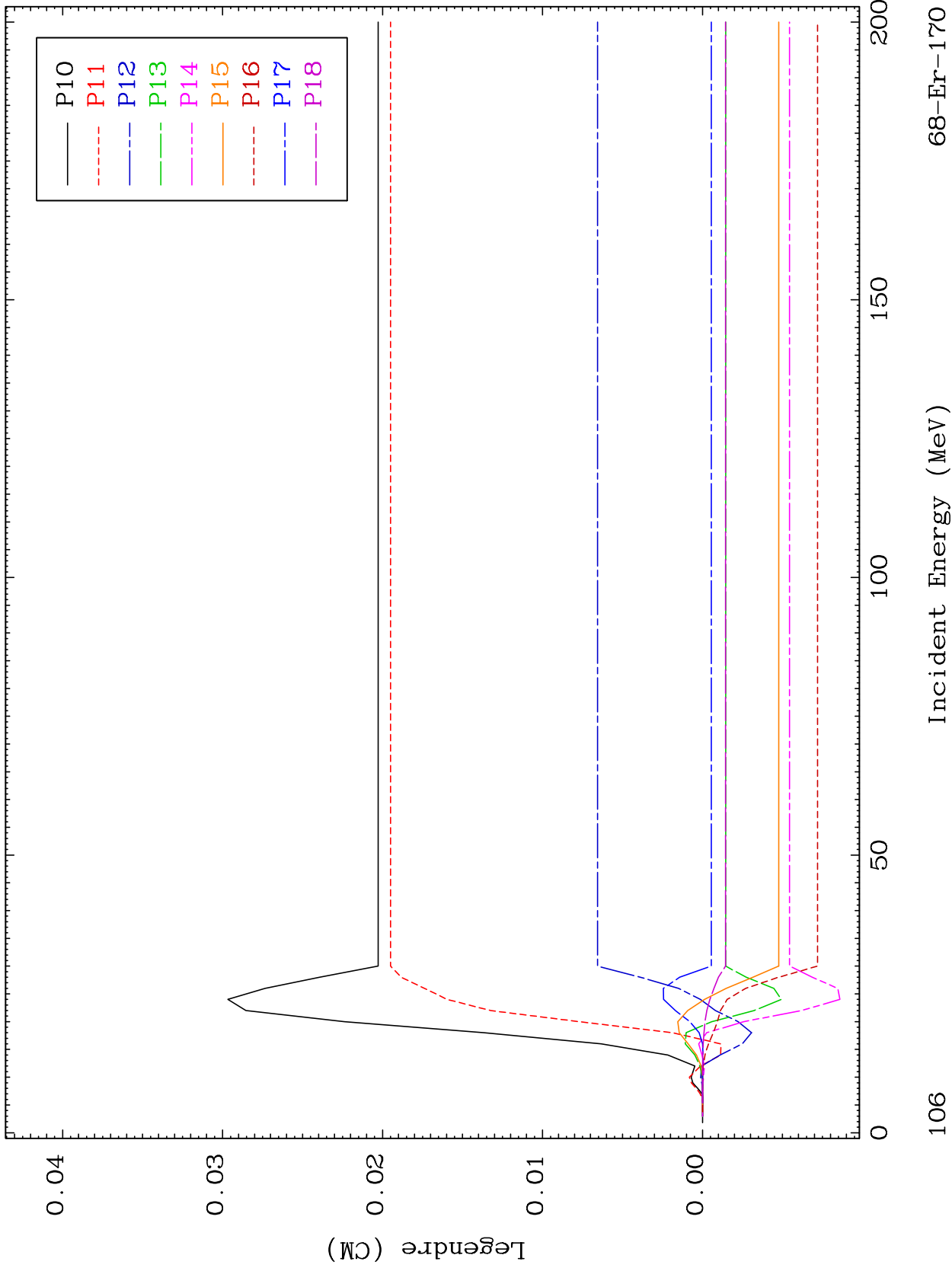
Incident Energy (MeV)

105

MAT 6849

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

68-Er-170



68-Er-170

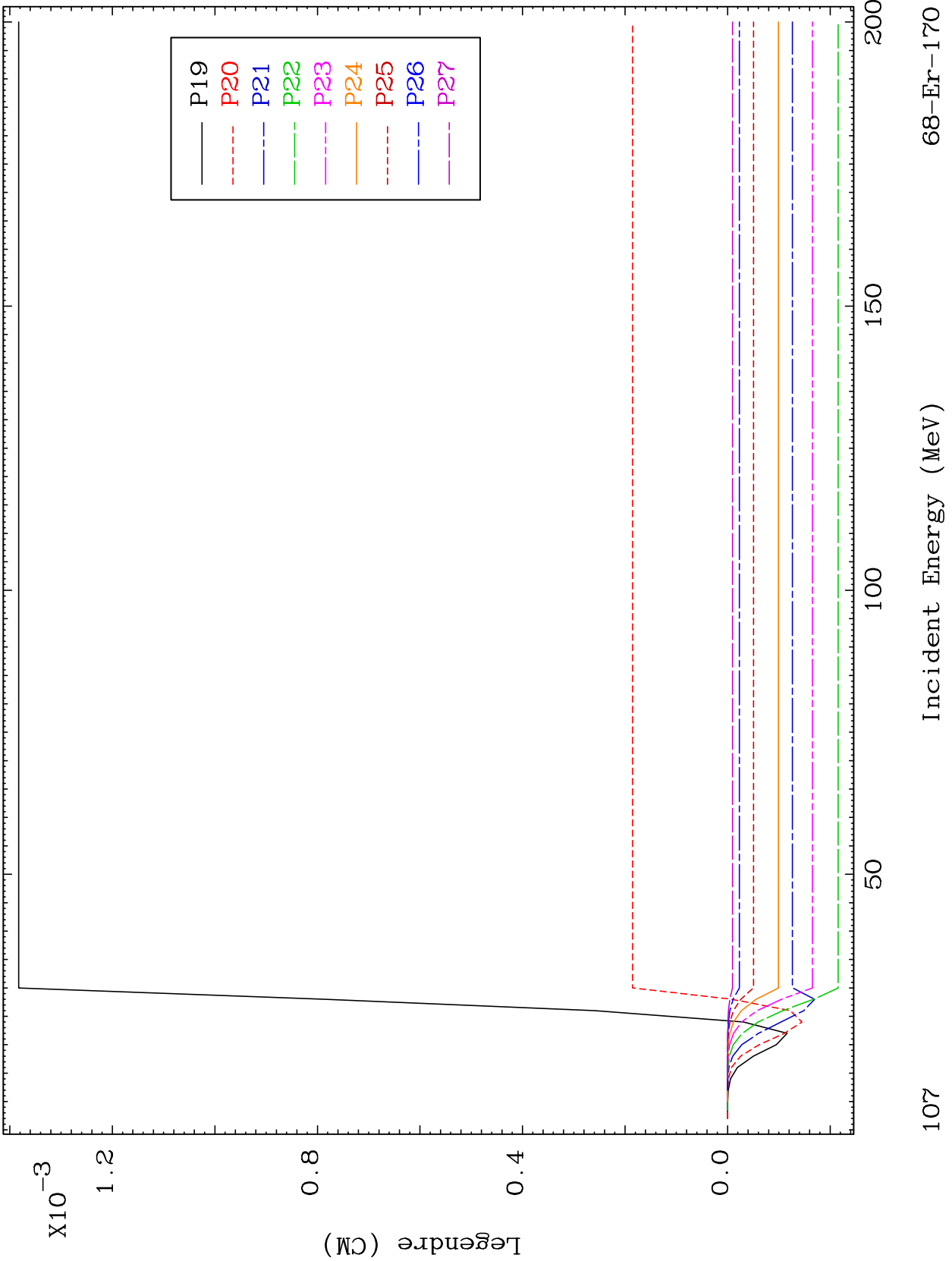
Incident Energy (MeV)

106

MAT 6849

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

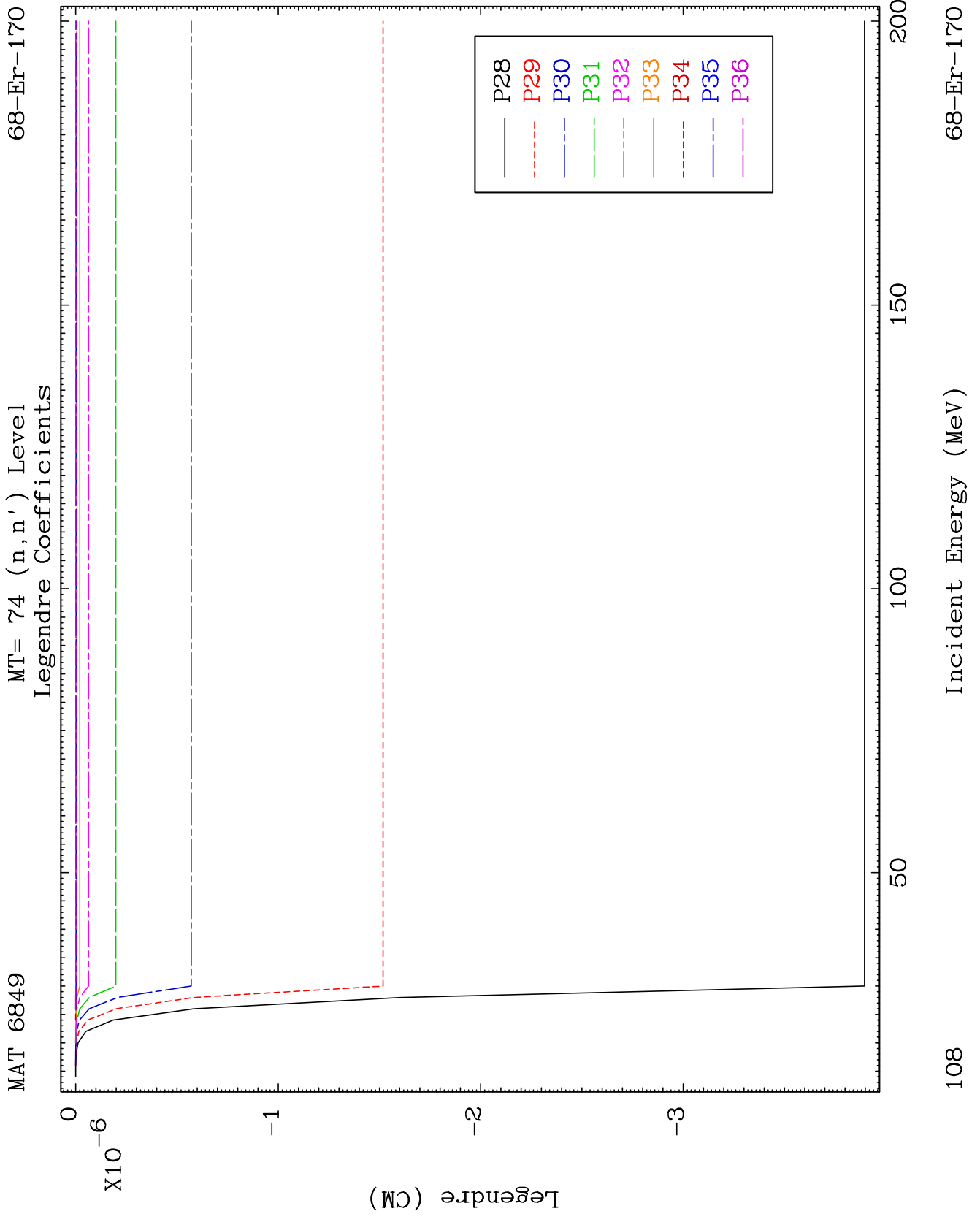
68-Er-170



107

Incident Energy (MeV)

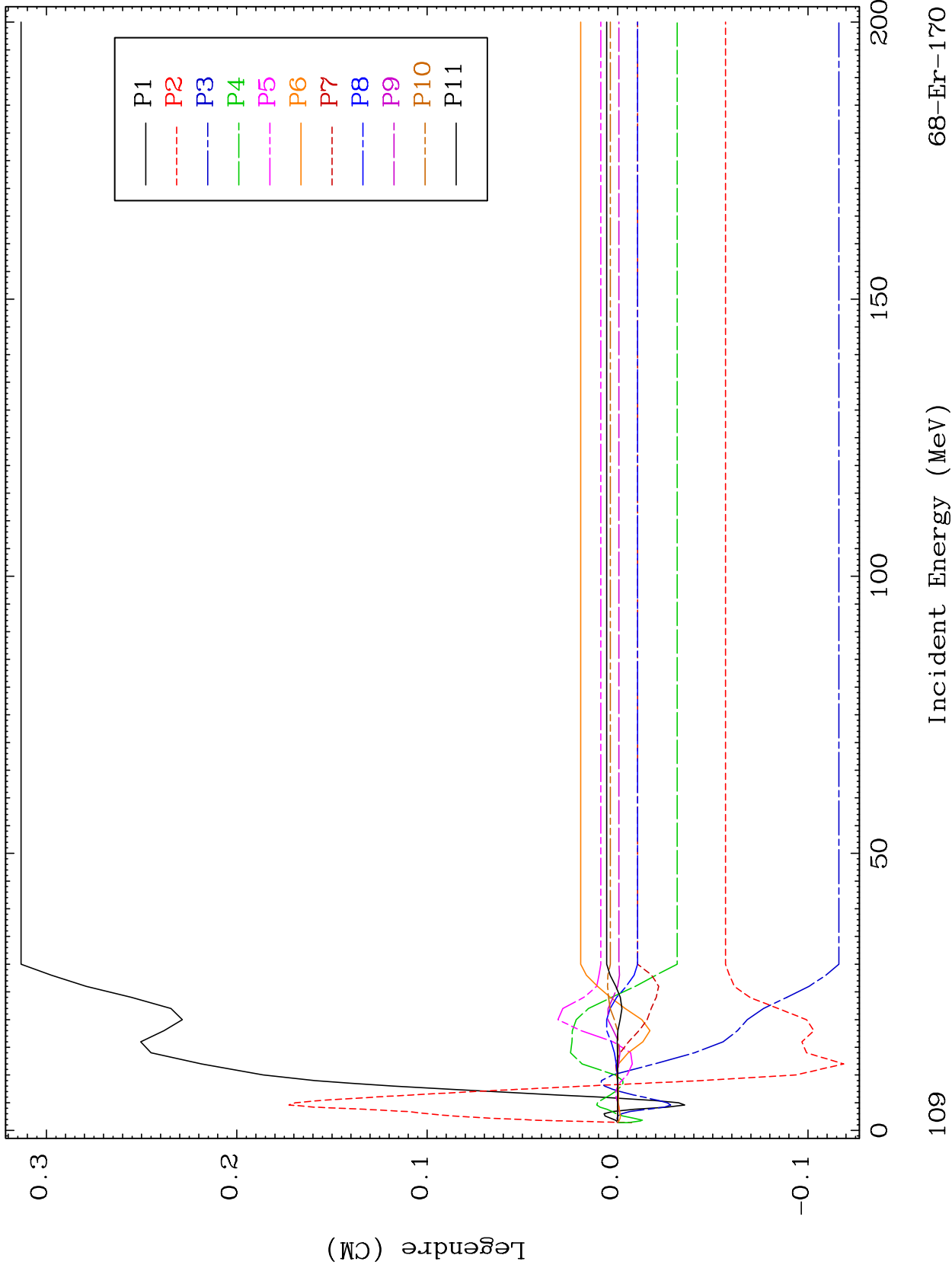
68-Er-170



MAT 6849

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

68-Er-170



109

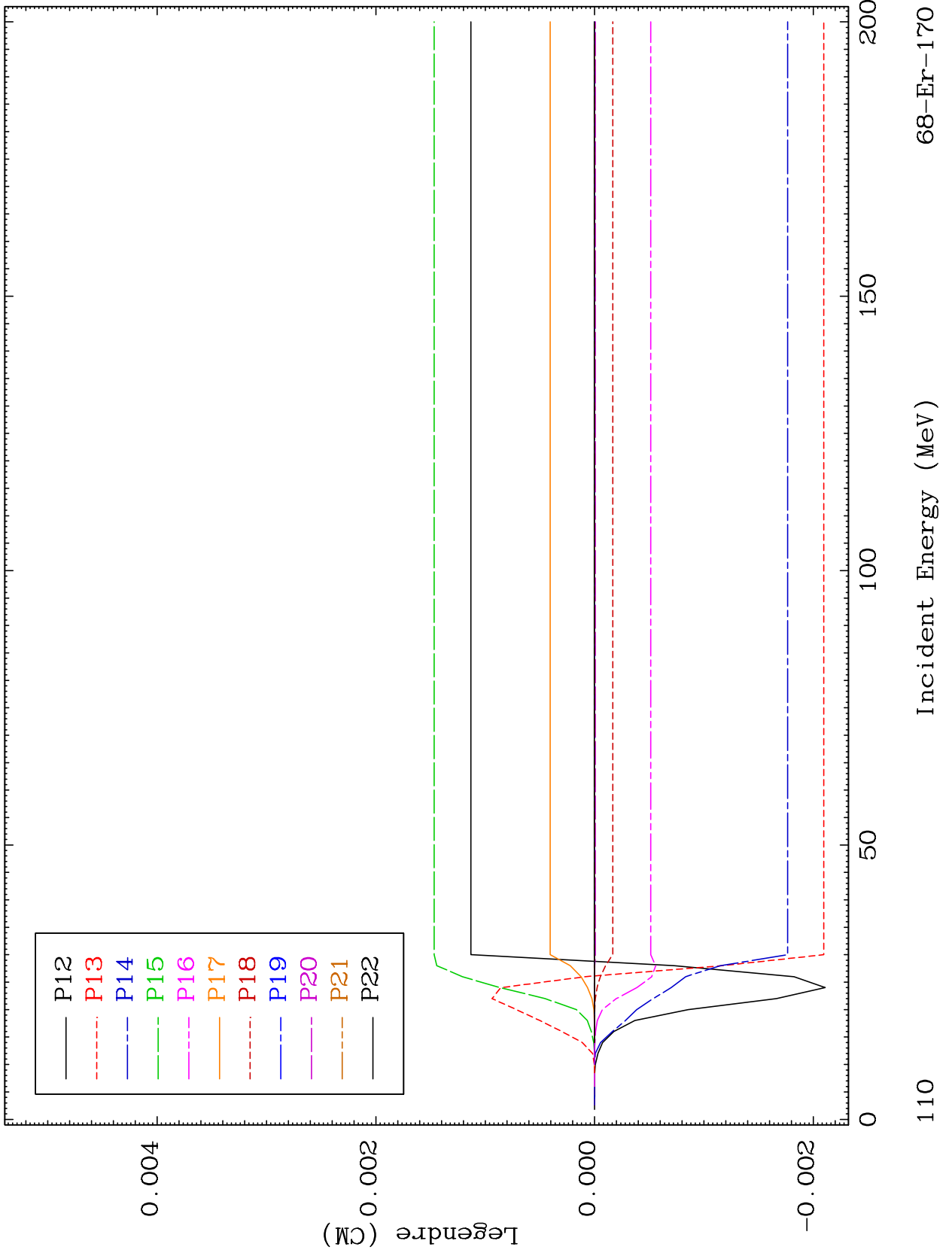
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



110

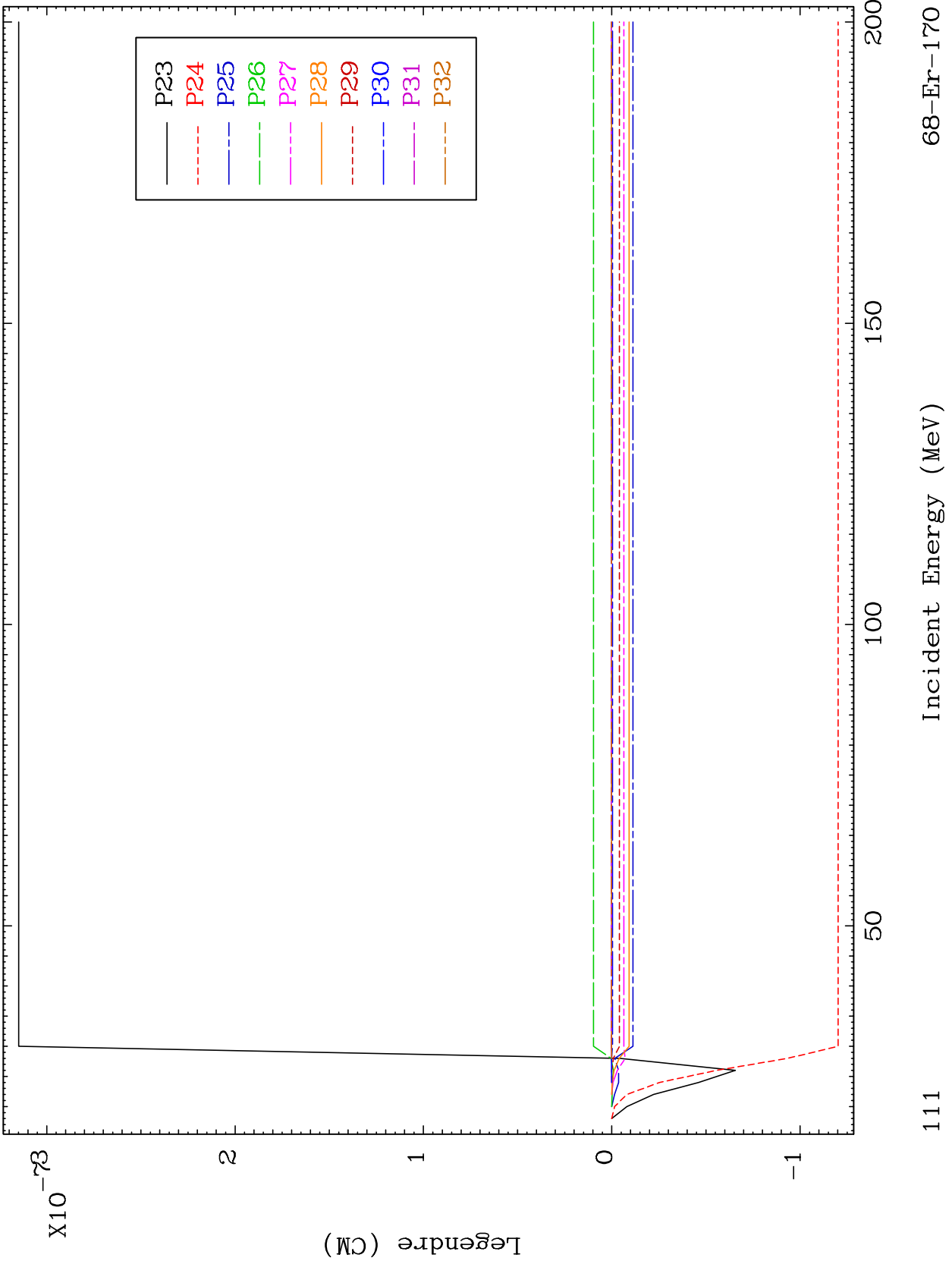
Incident Energy (MeV)

68-Er-170

MAT 6849

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

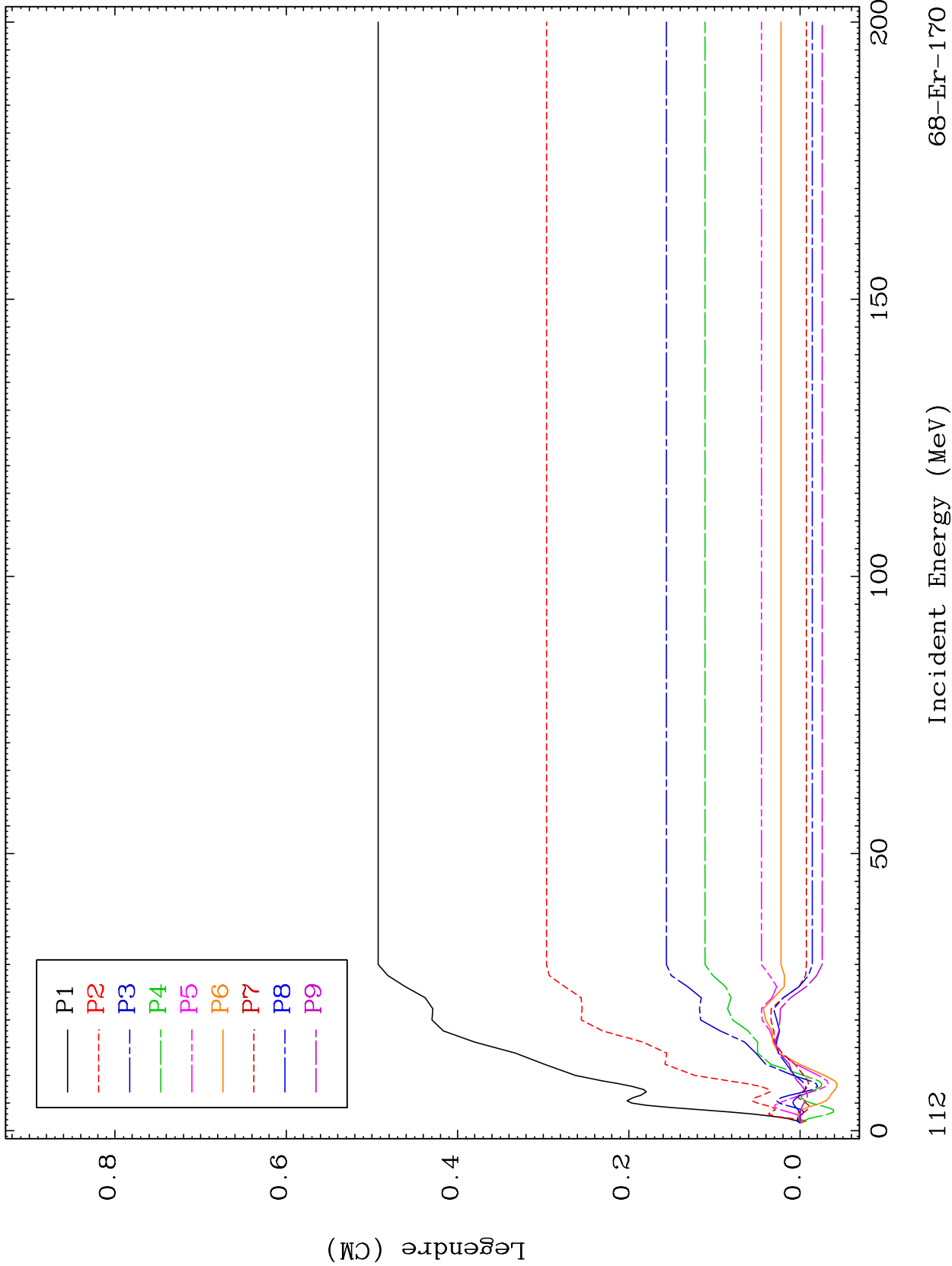
68-Er-170



MAT 6849

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

68-Er-170

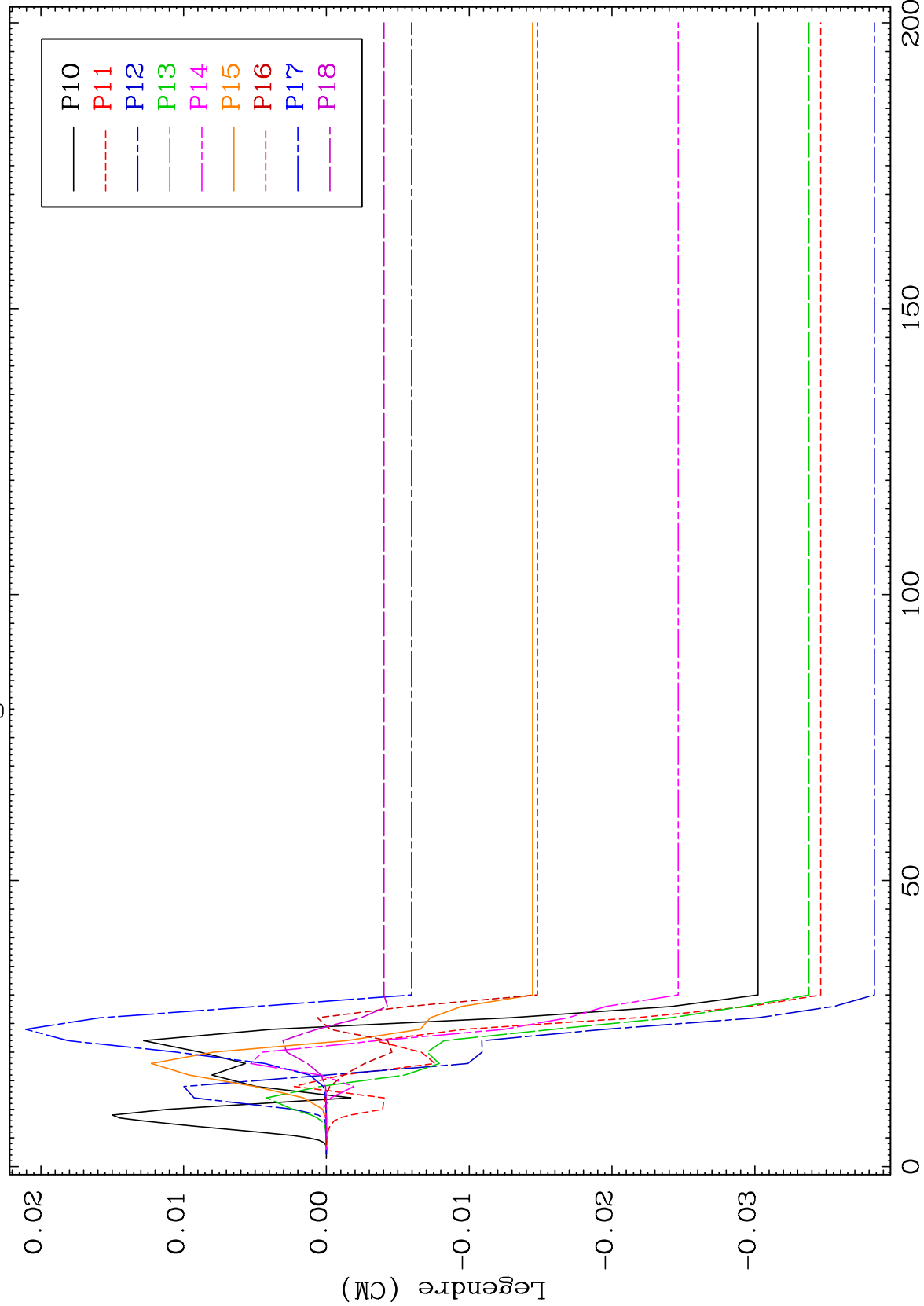


112

MAT 6849

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

68-Er-170



113

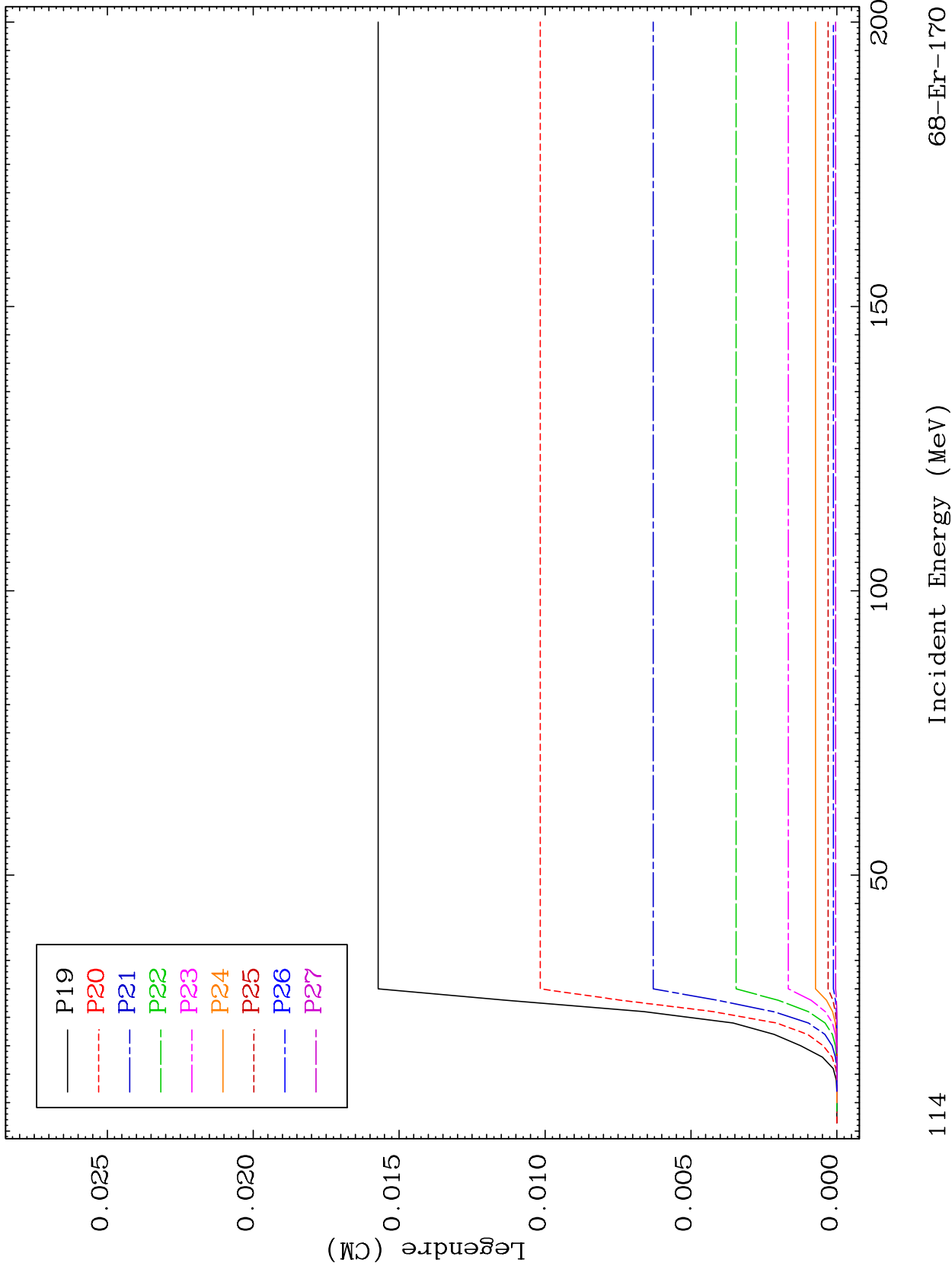
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



114

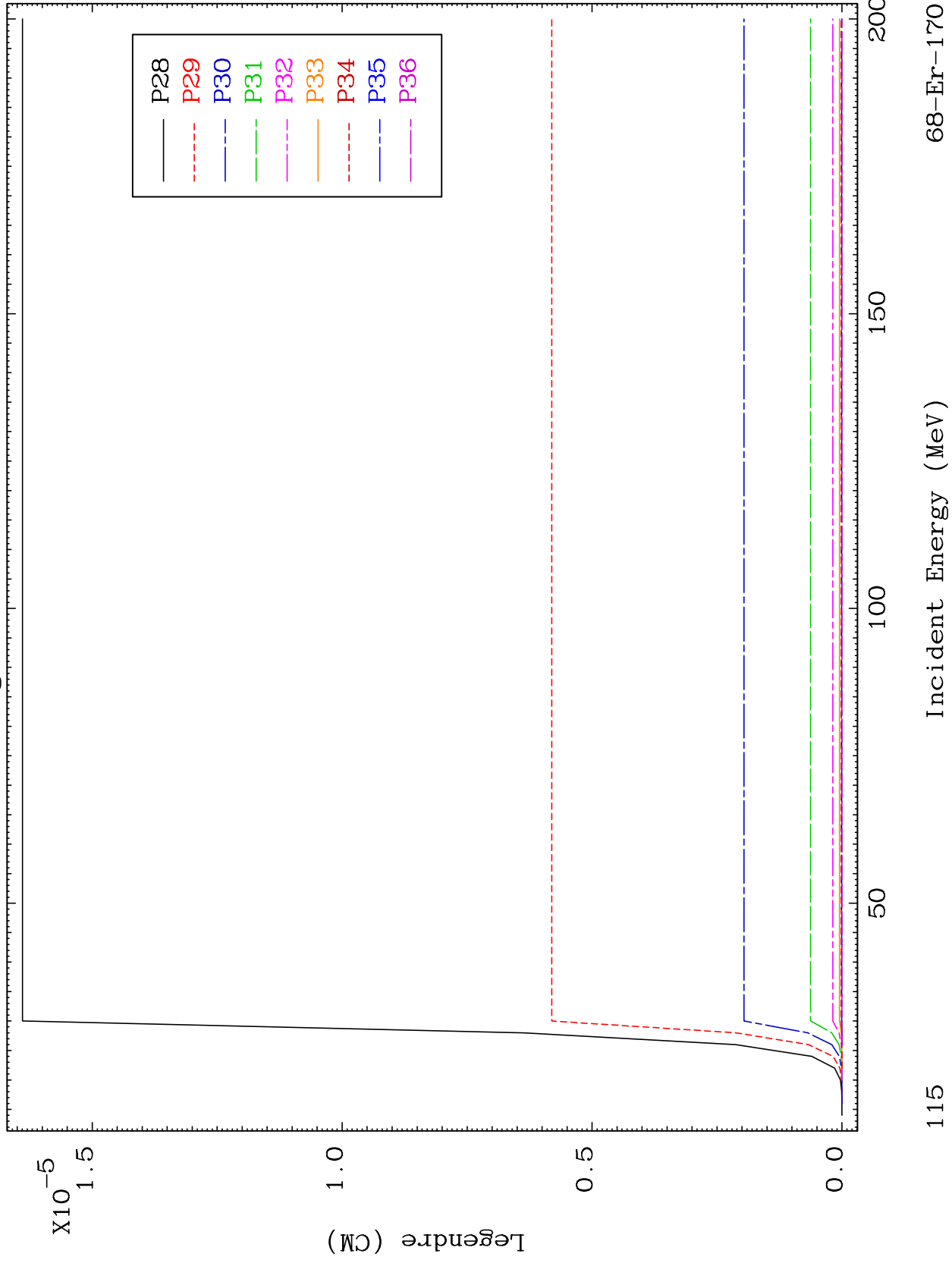
Incident Energy (MeV)

68-Er-170

MAT 6849

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

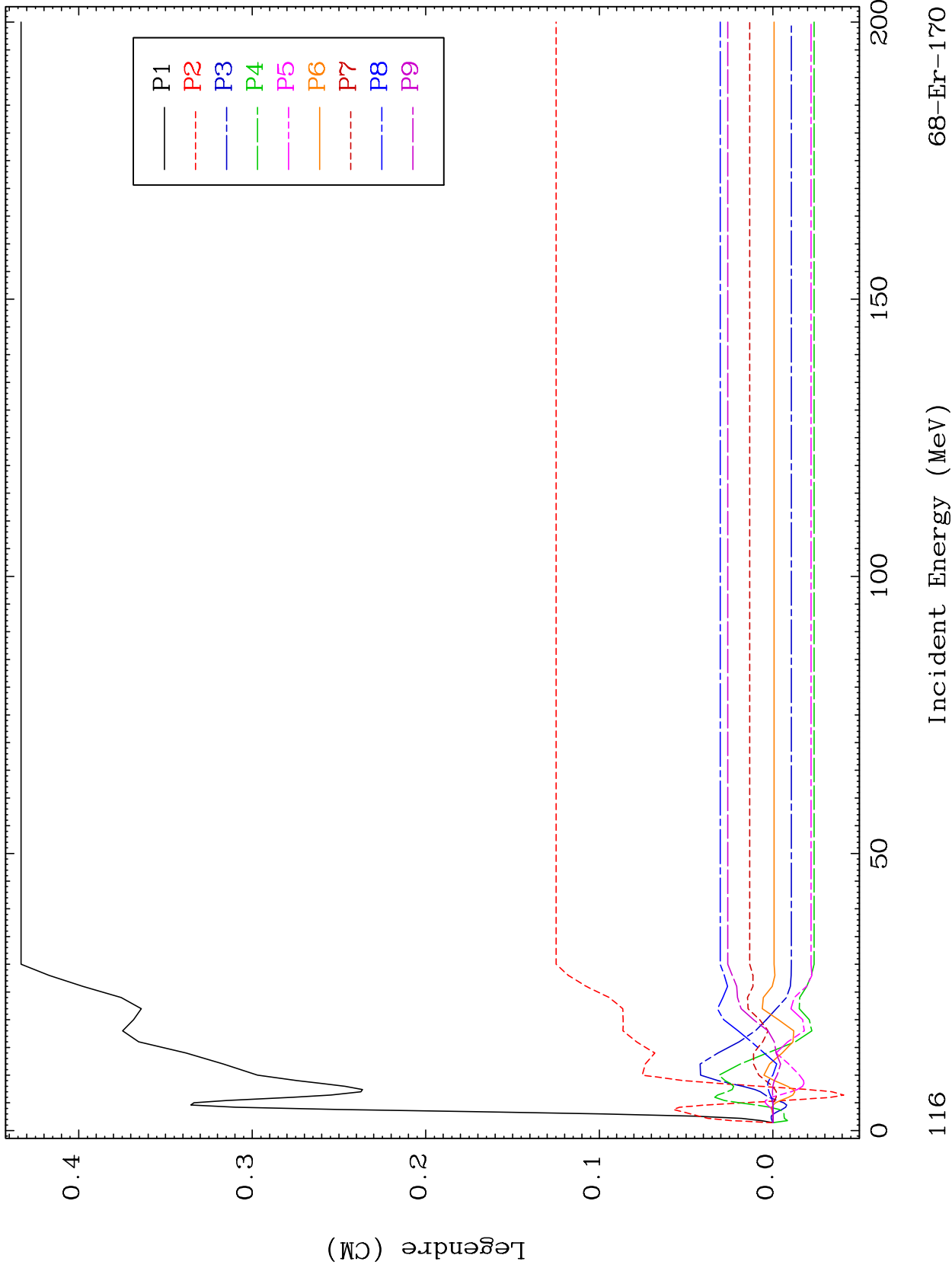
68-Er-170



MAT 6849

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

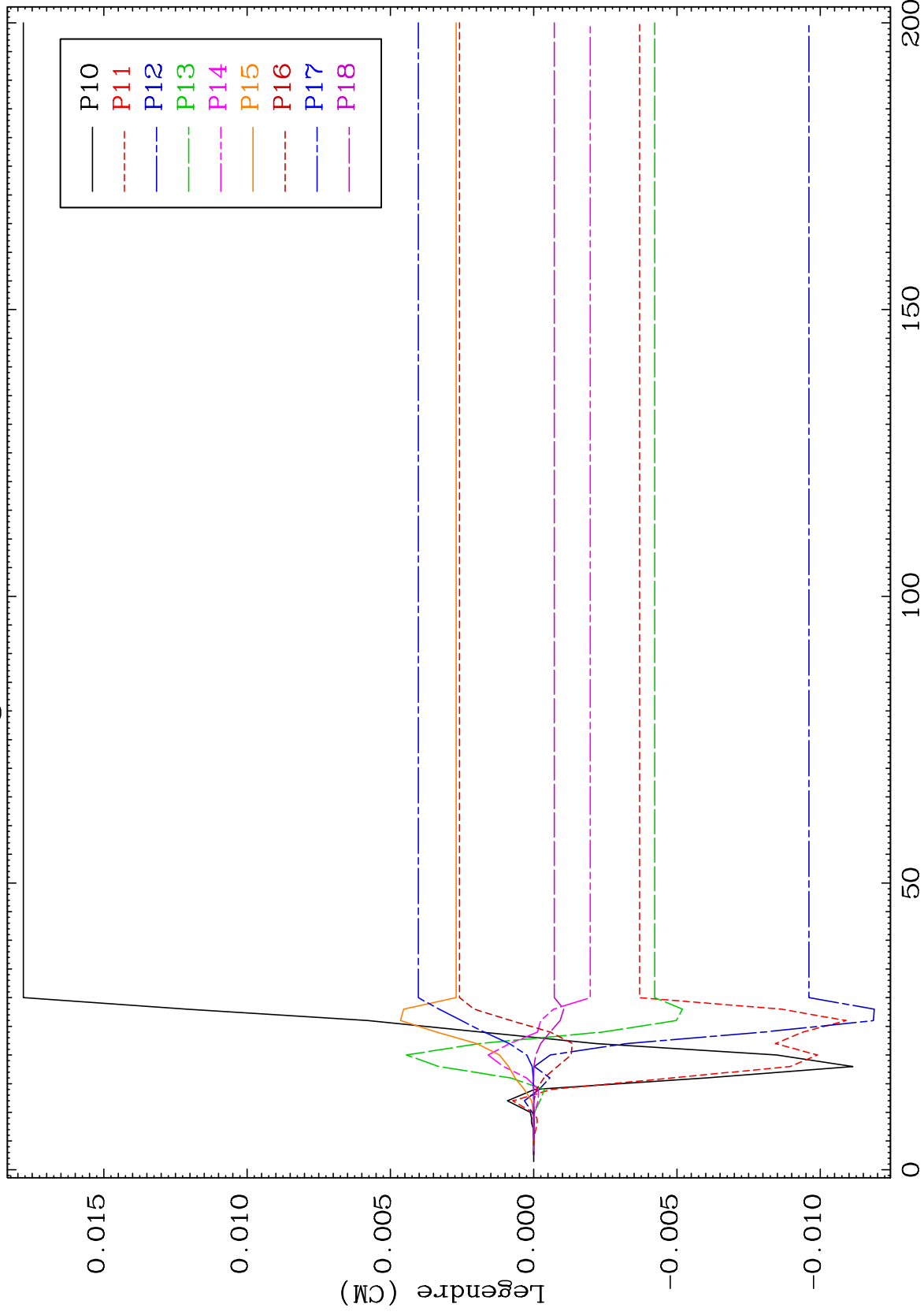
68-Er-170



MAT 6849

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

68-Er-170



117

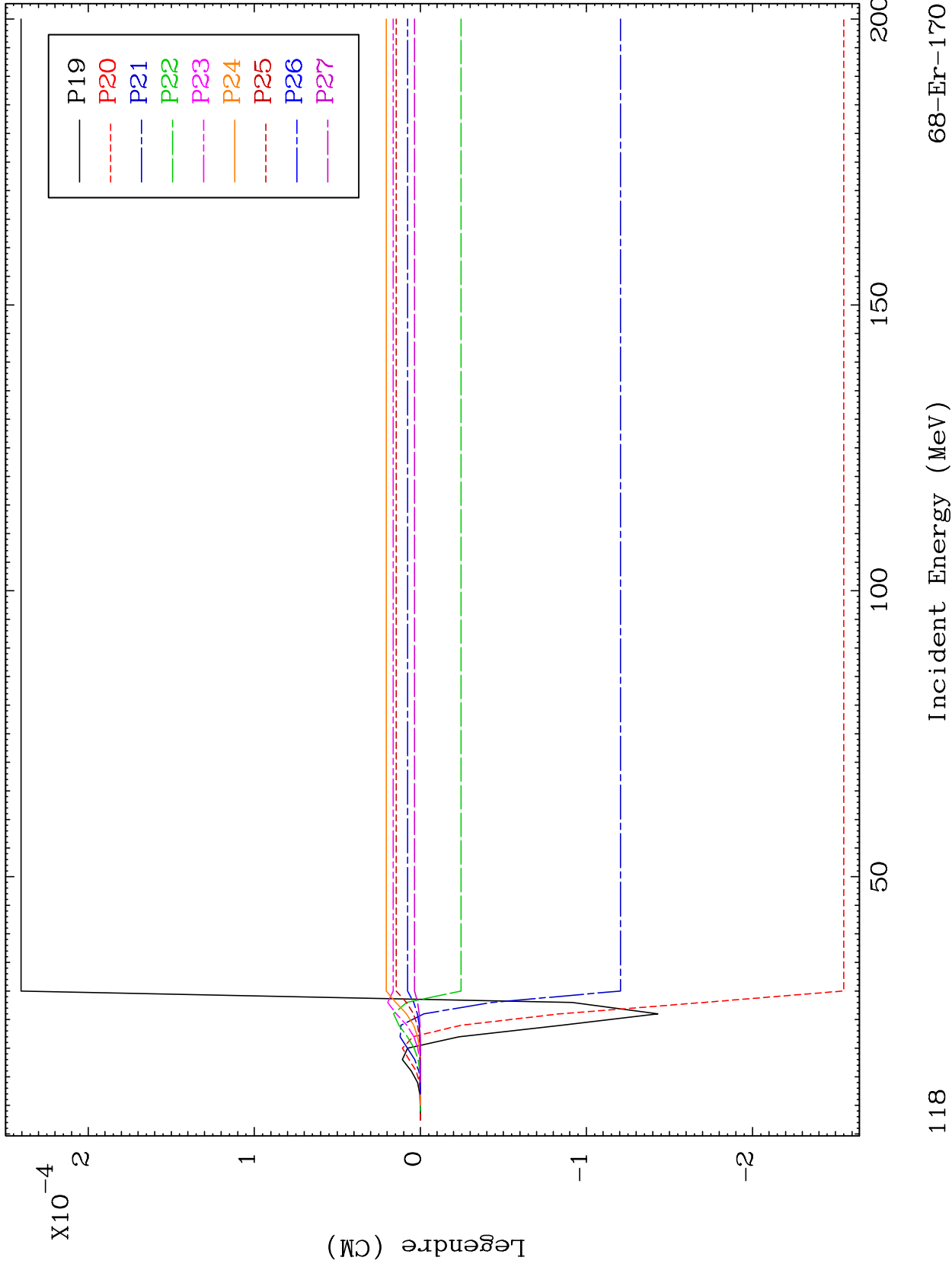
Incident Energy (MeV)

68-Er-170

MAT 6849

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

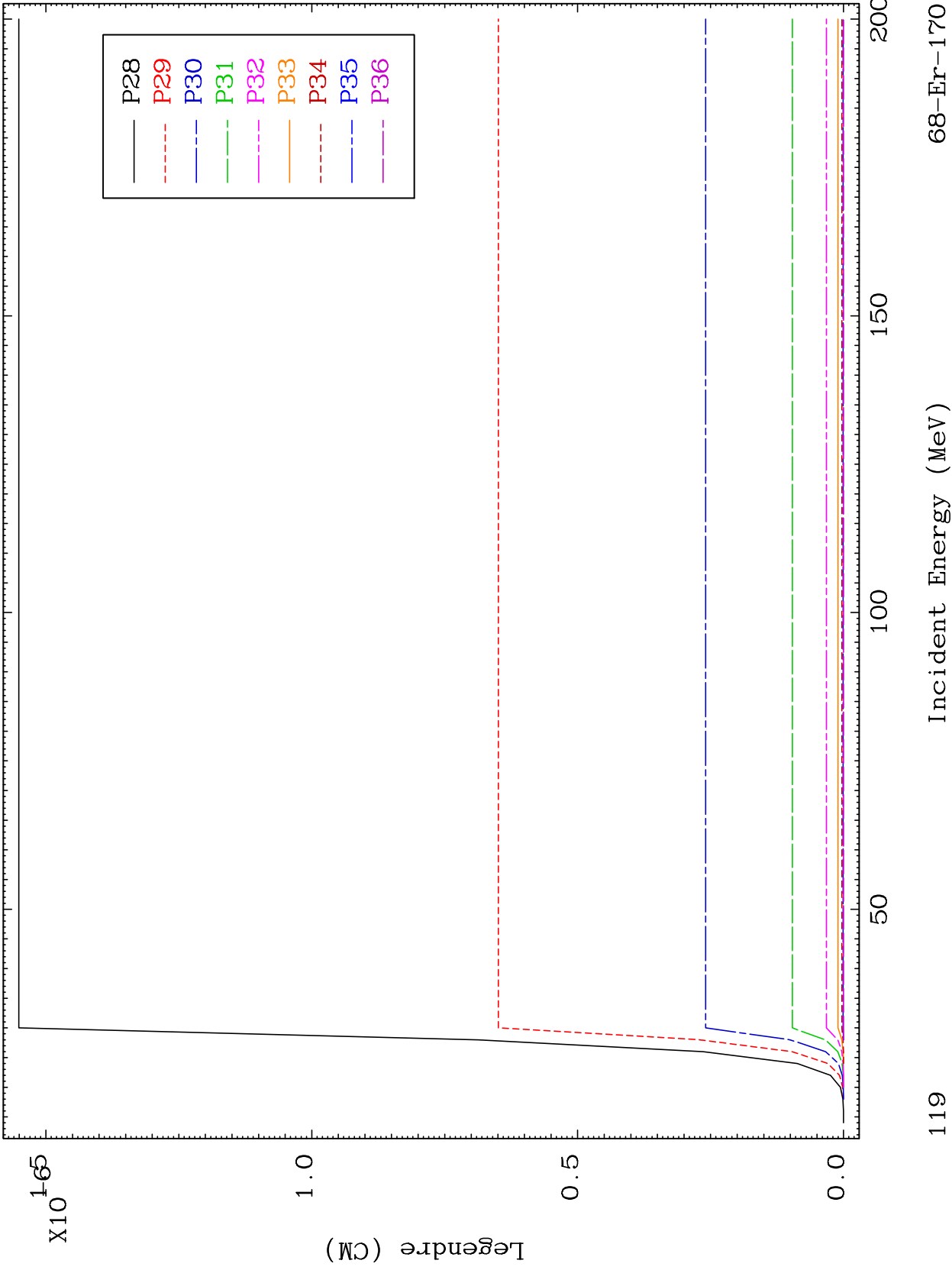
68-Er-170

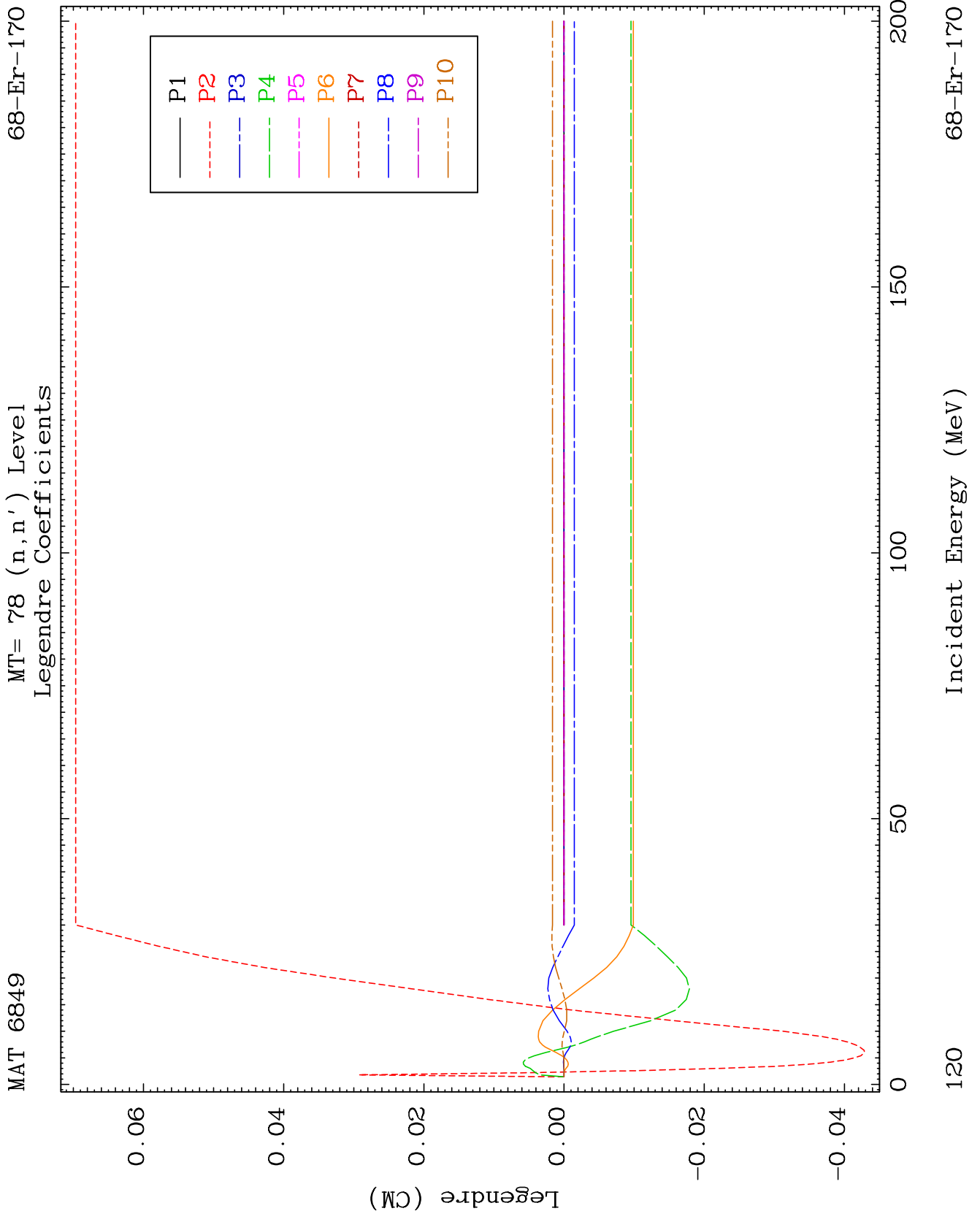


MAT 6849

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

68-Er-170

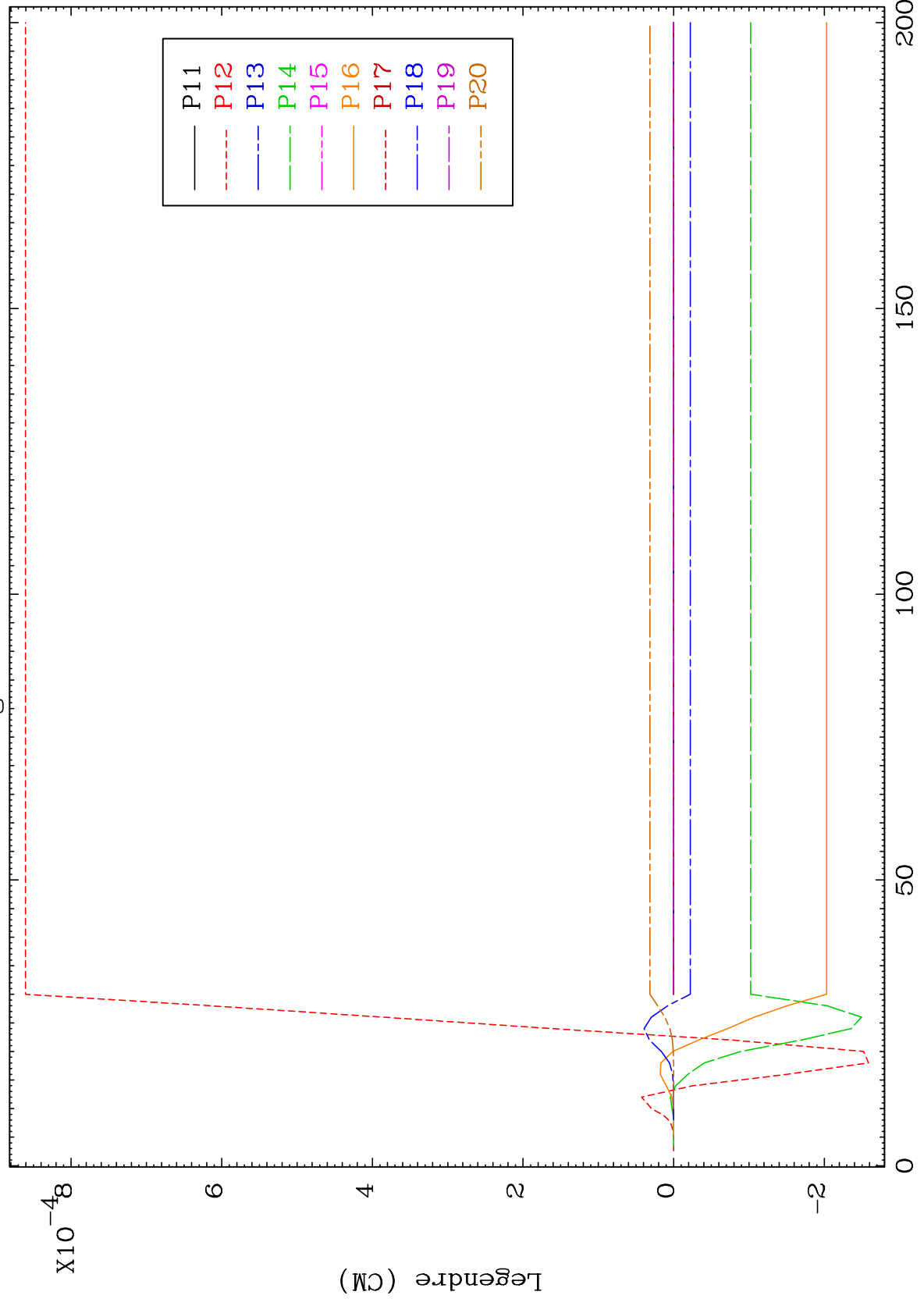




MAT 6849

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

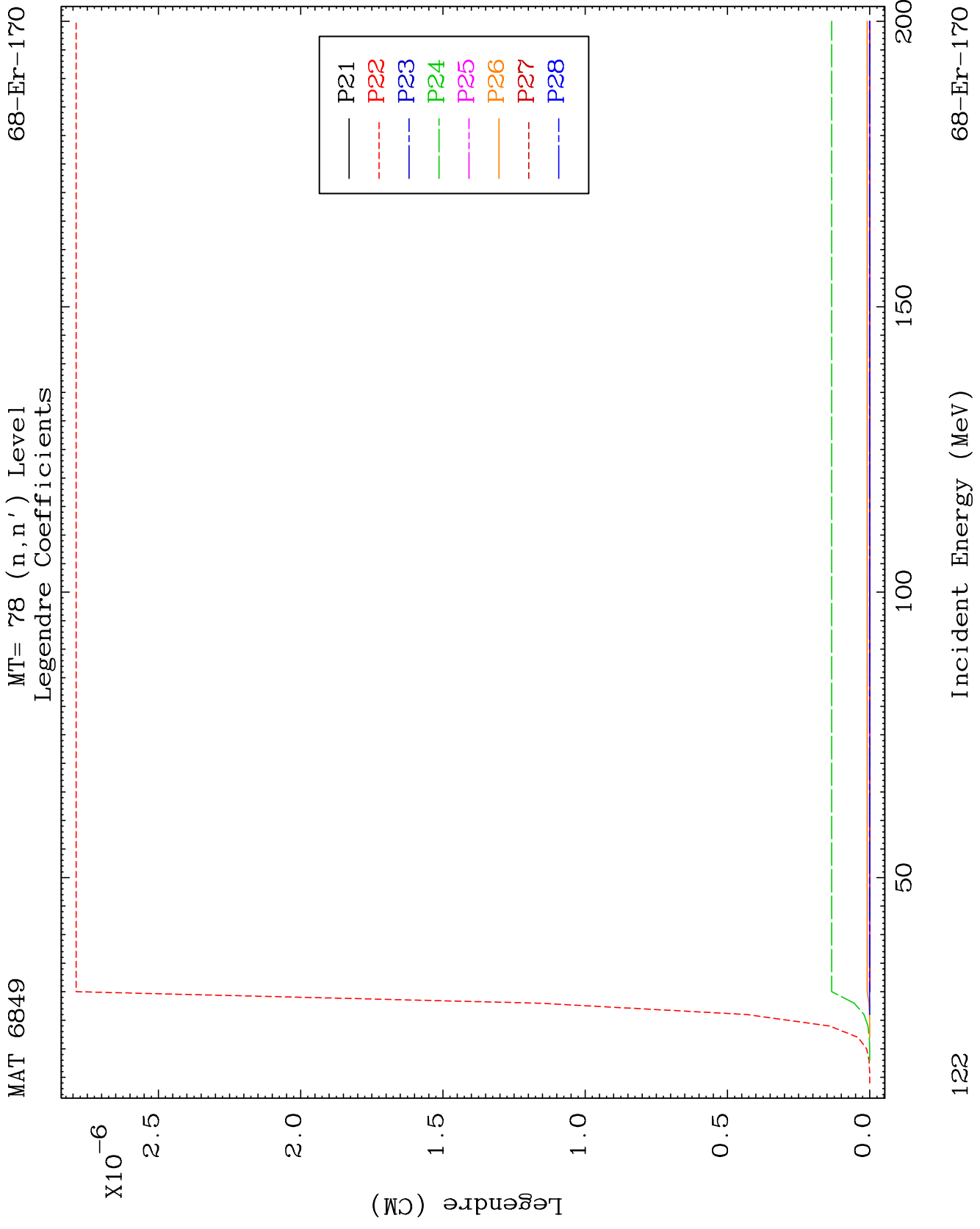
68-Er-170



121

Incident Energy (MeV)

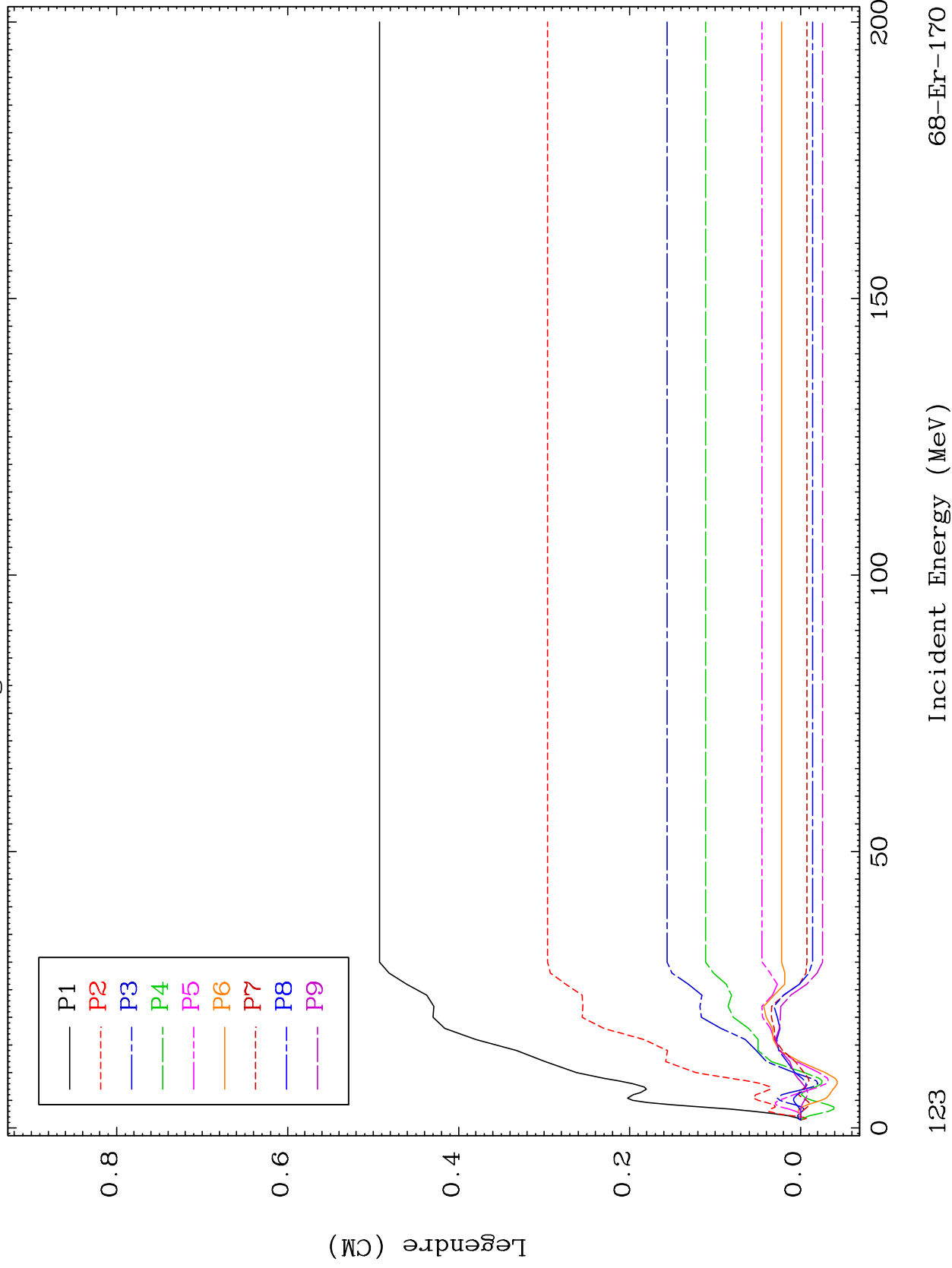
68-Er-170



MAT 6849

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

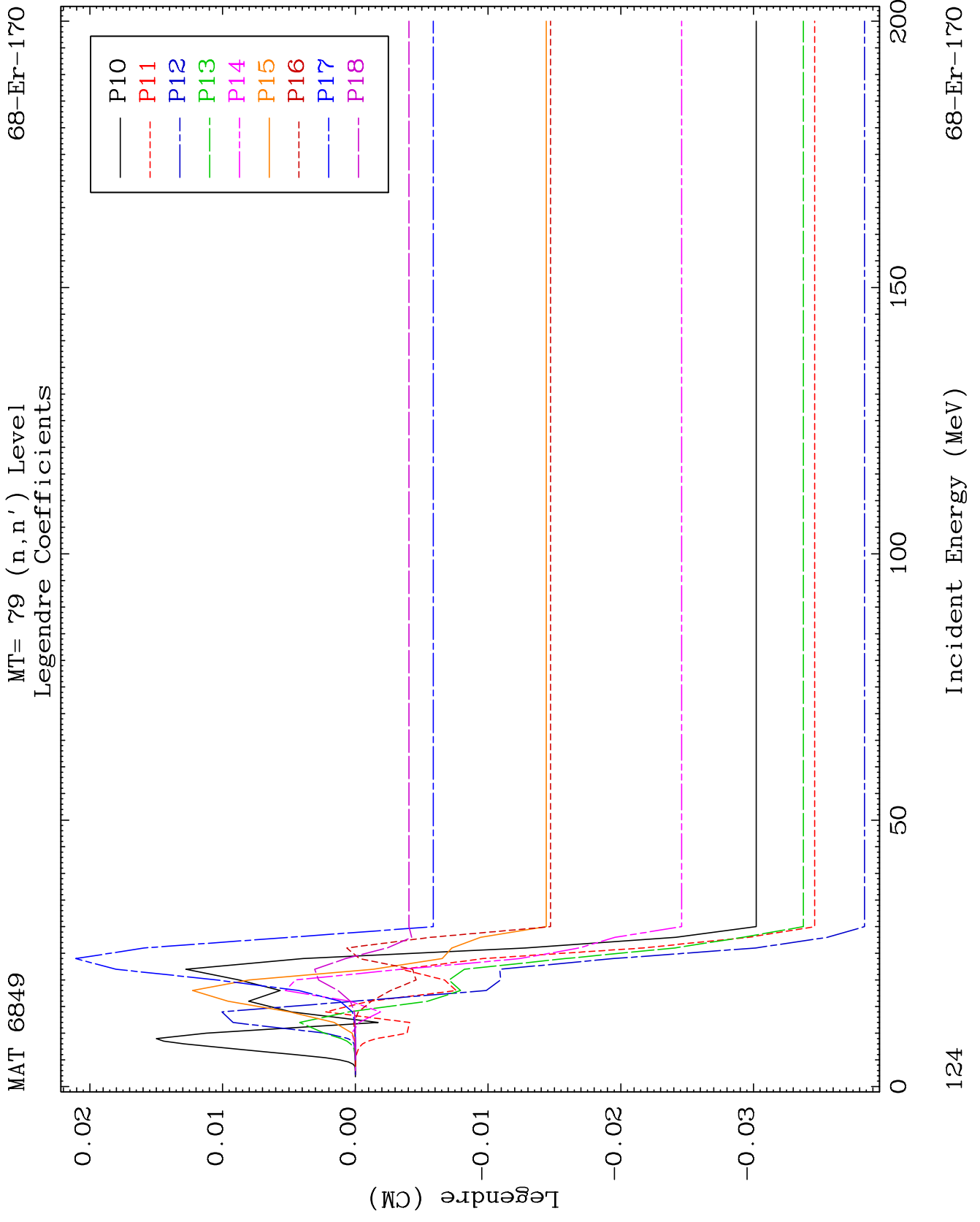
68-Er-170



68-Er-170

Incident Energy (MeV)

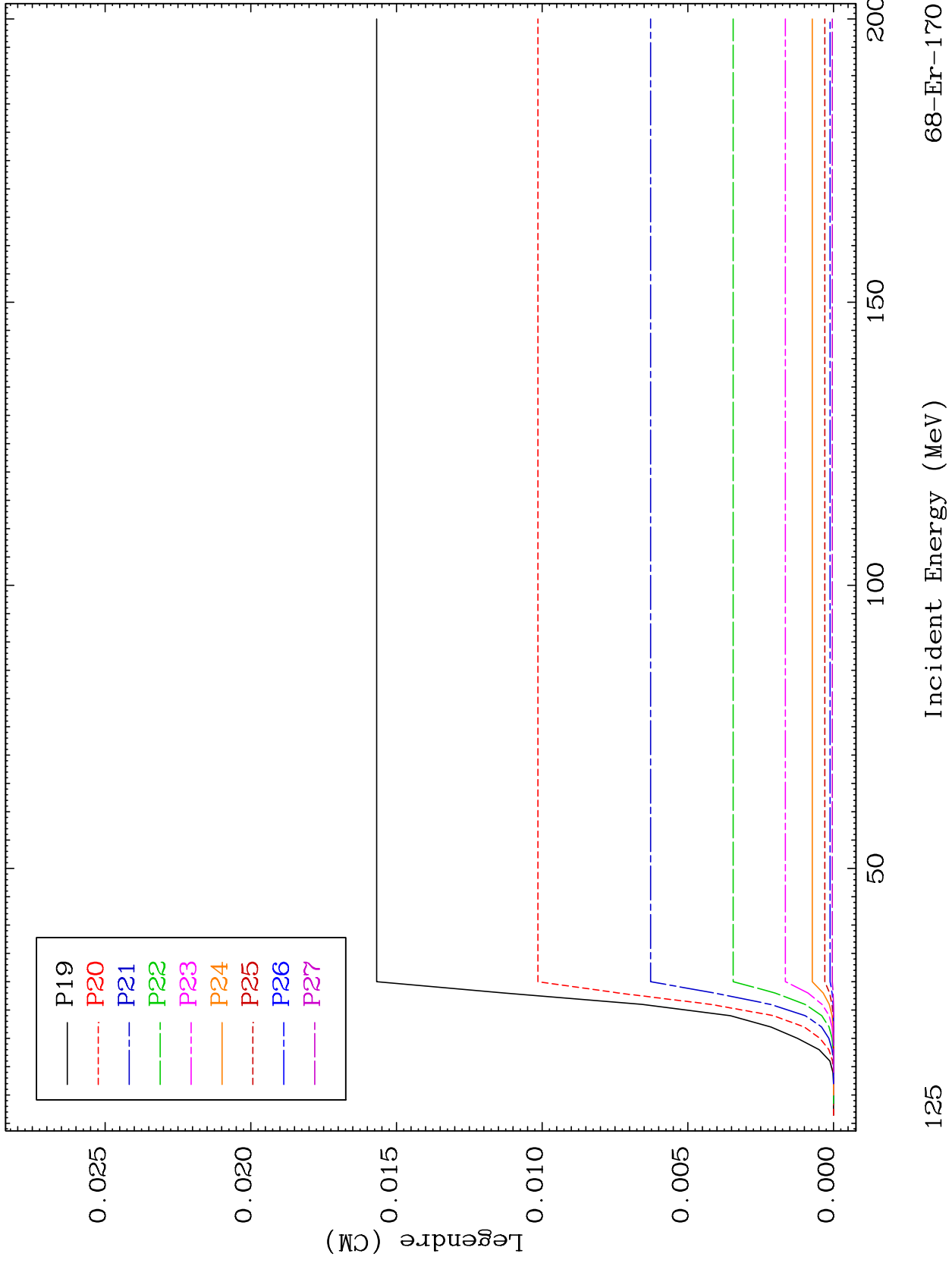
123



MAT 6849

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

68-Er-170



125

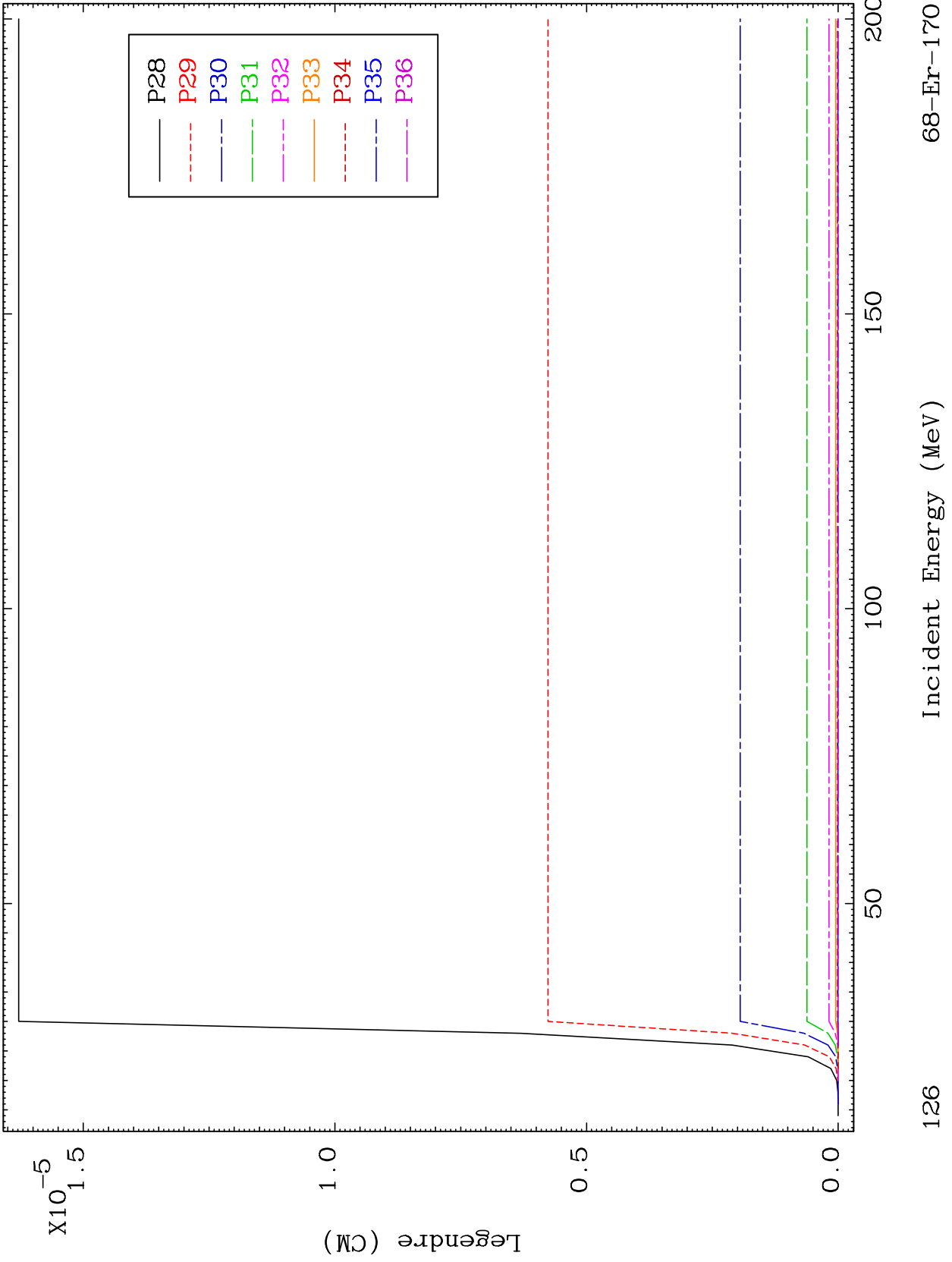
Incident Energy (MeV)

68-Er-170

MAT 6849

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

68-Er-170



126

Incident Energy (MeV)

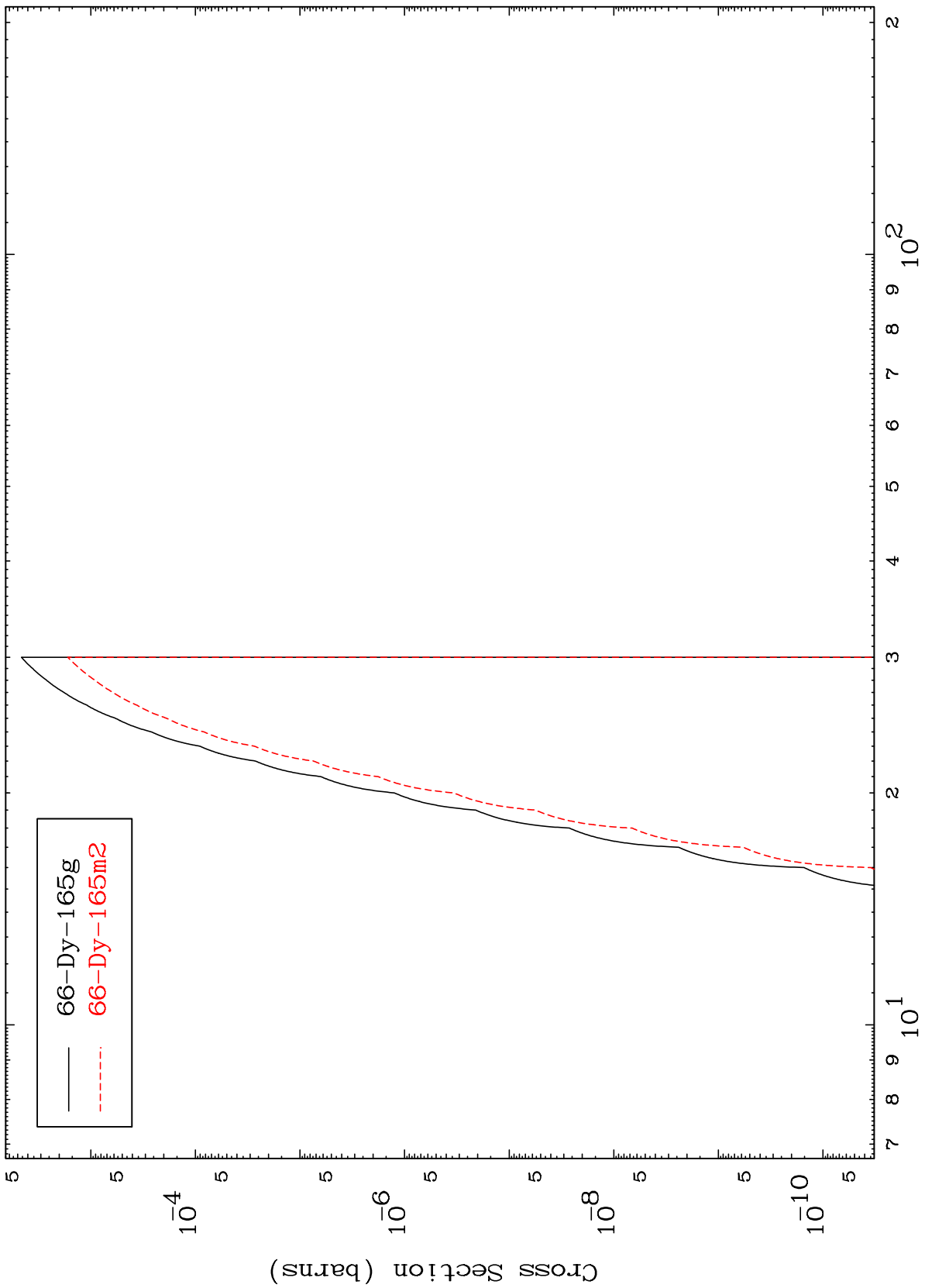
68-Er-170

MAT 6849

$(n,2n) \alpha$

68-Er-170

Radionuclide Production Cross Section

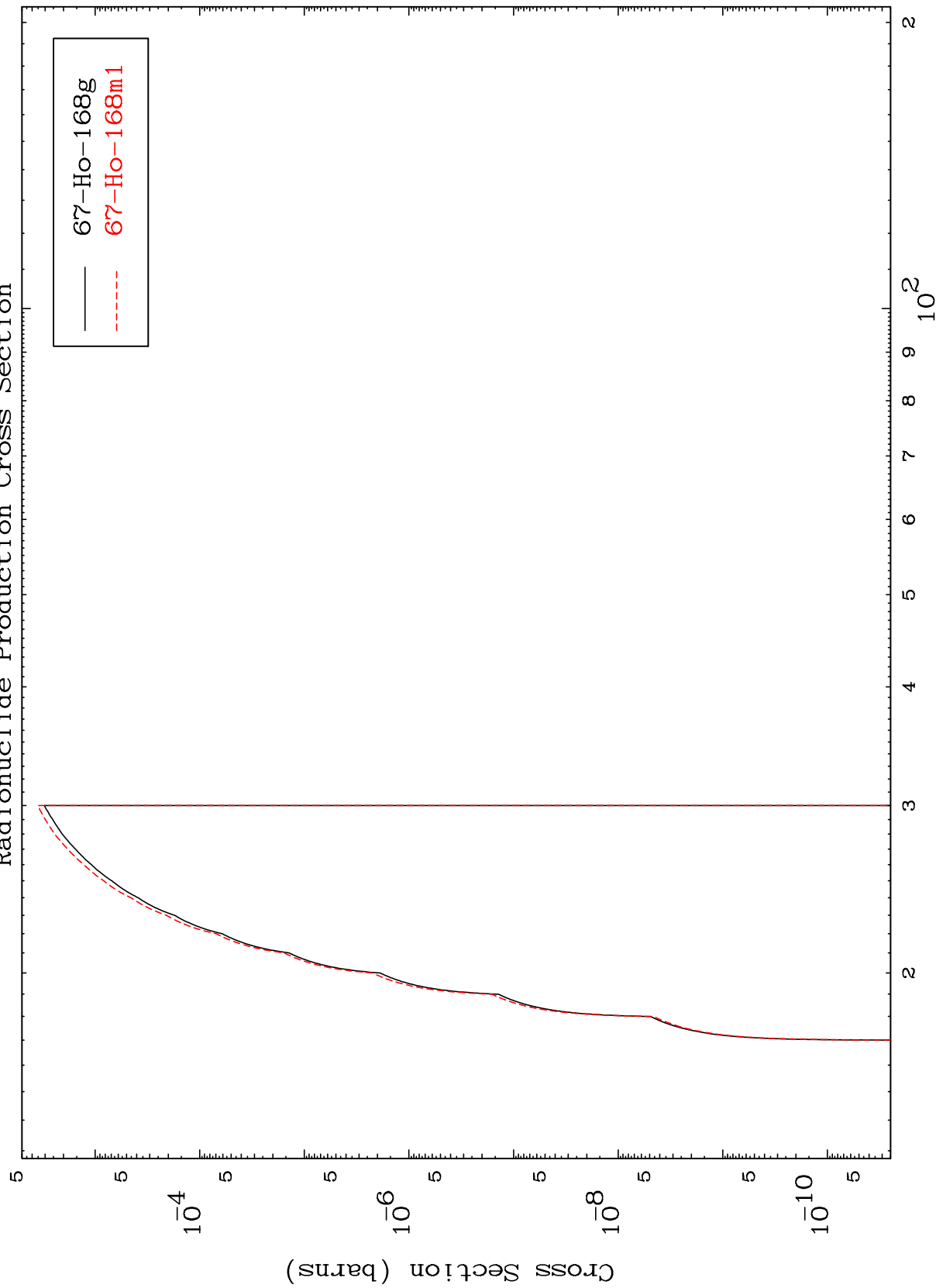


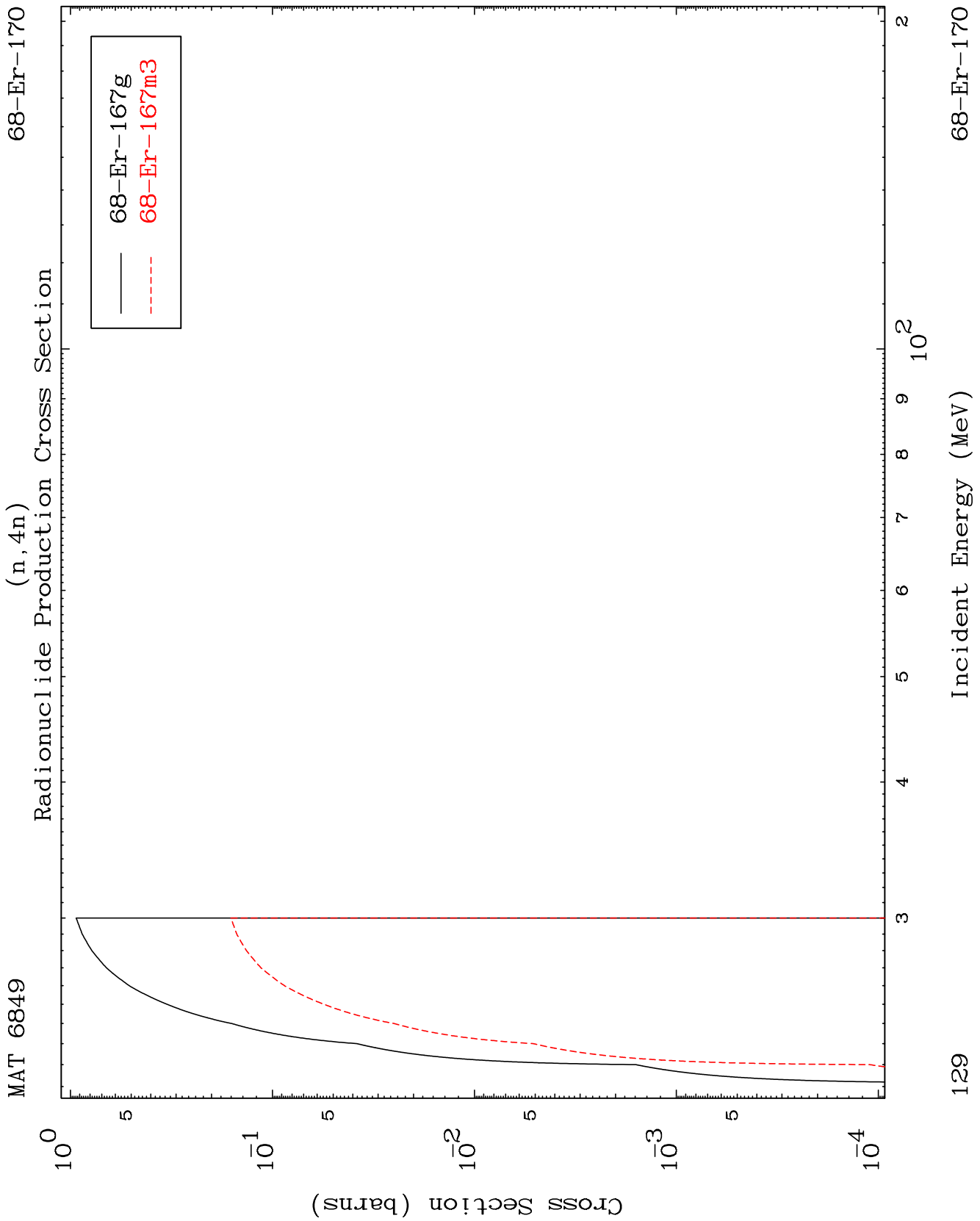
127

Incident Energy (MeV)

68-Er-170

Radionuclide Production Cross Section

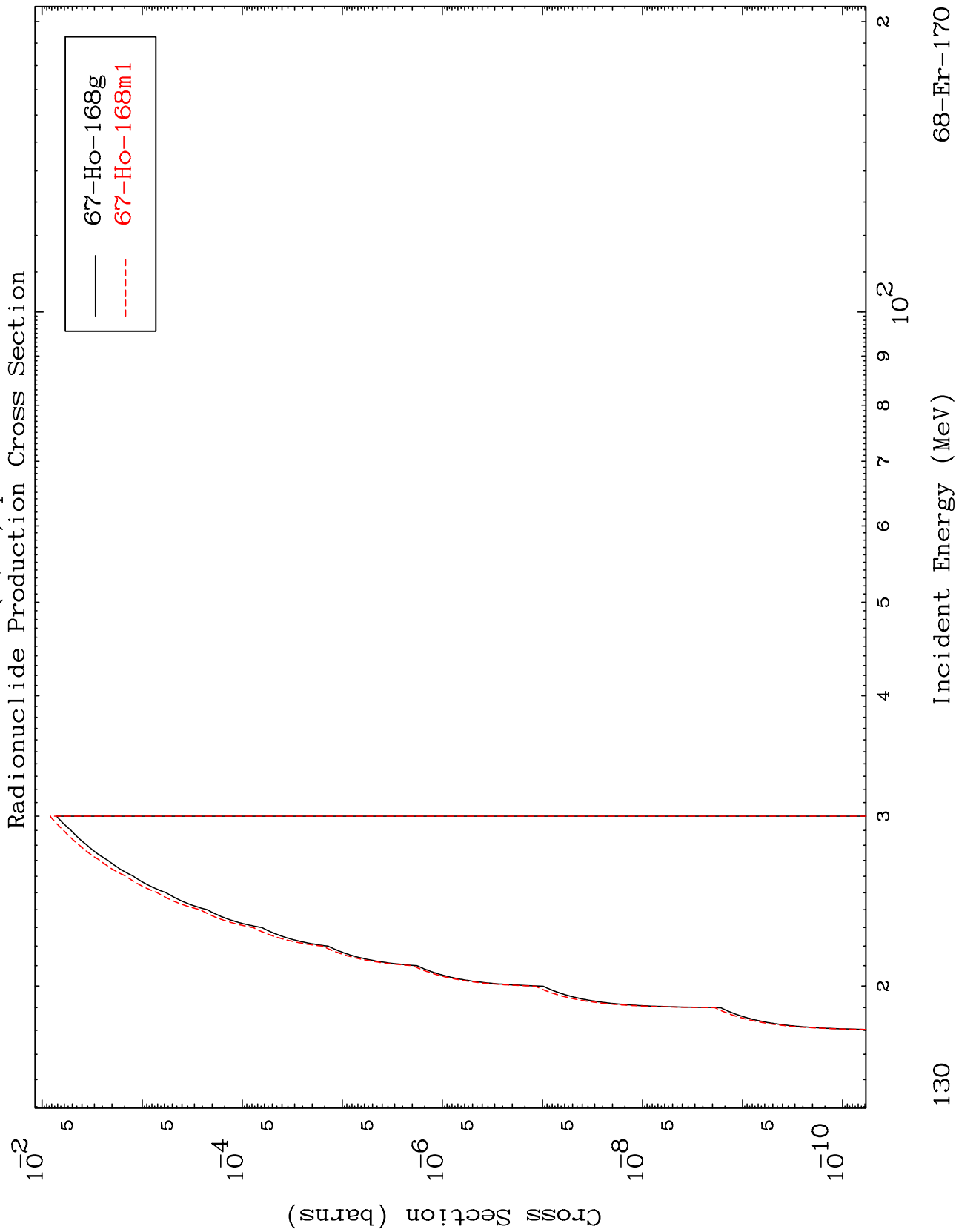




MAT 6849

(n,2n) p

68-Er-170



130

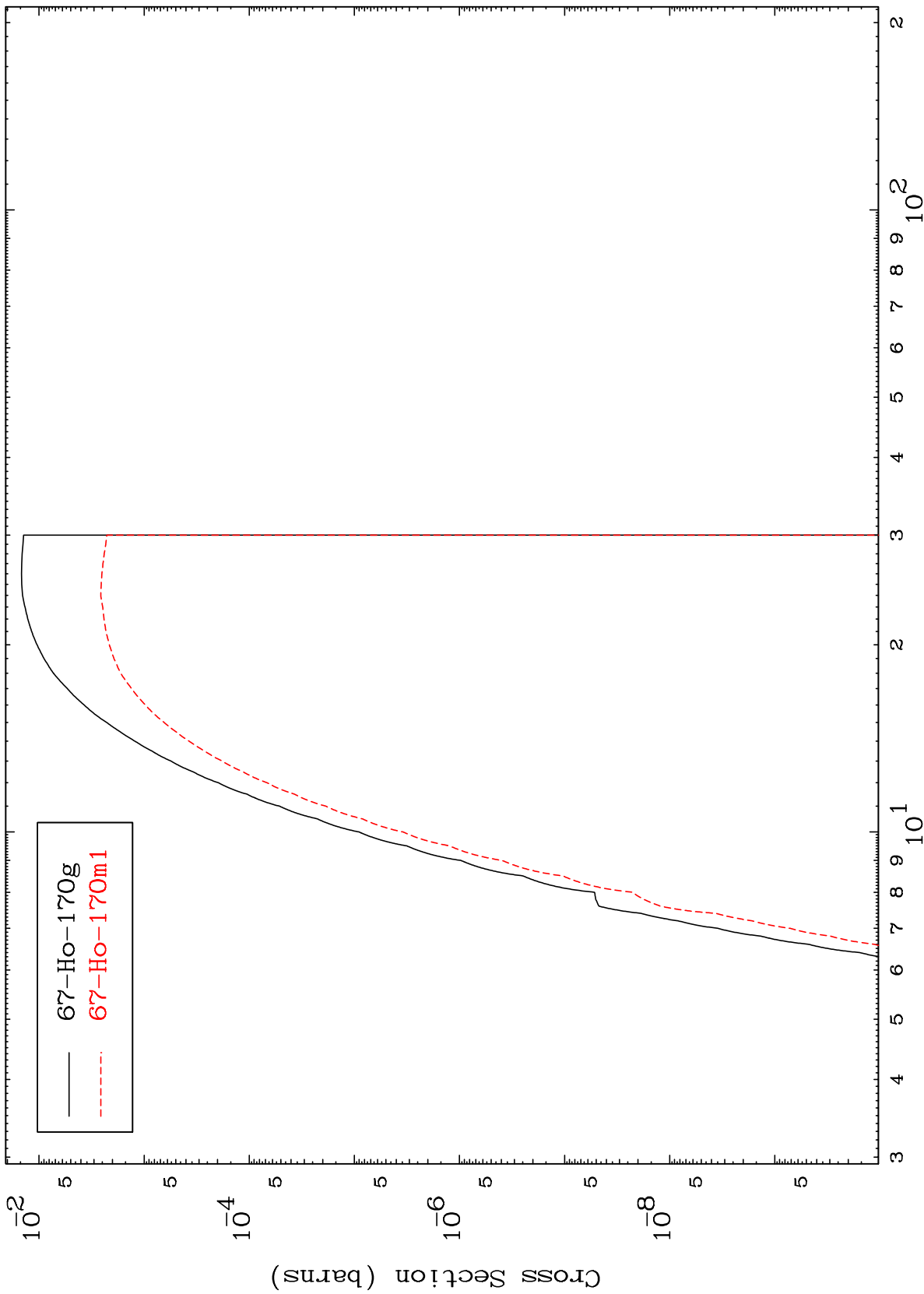
Incident Energy (MeV)

68-Er-170

MAT 6849

68-Er-170

(n,p)
Radionuclide Production Cross Section



131

Incident Energy (MeV)

68-Er-170

(n, t)
Radionuclide Production Cross Section

