

Program EVALPLOT
(Version 2015-2)

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:home.comcast.net/~redcullen1

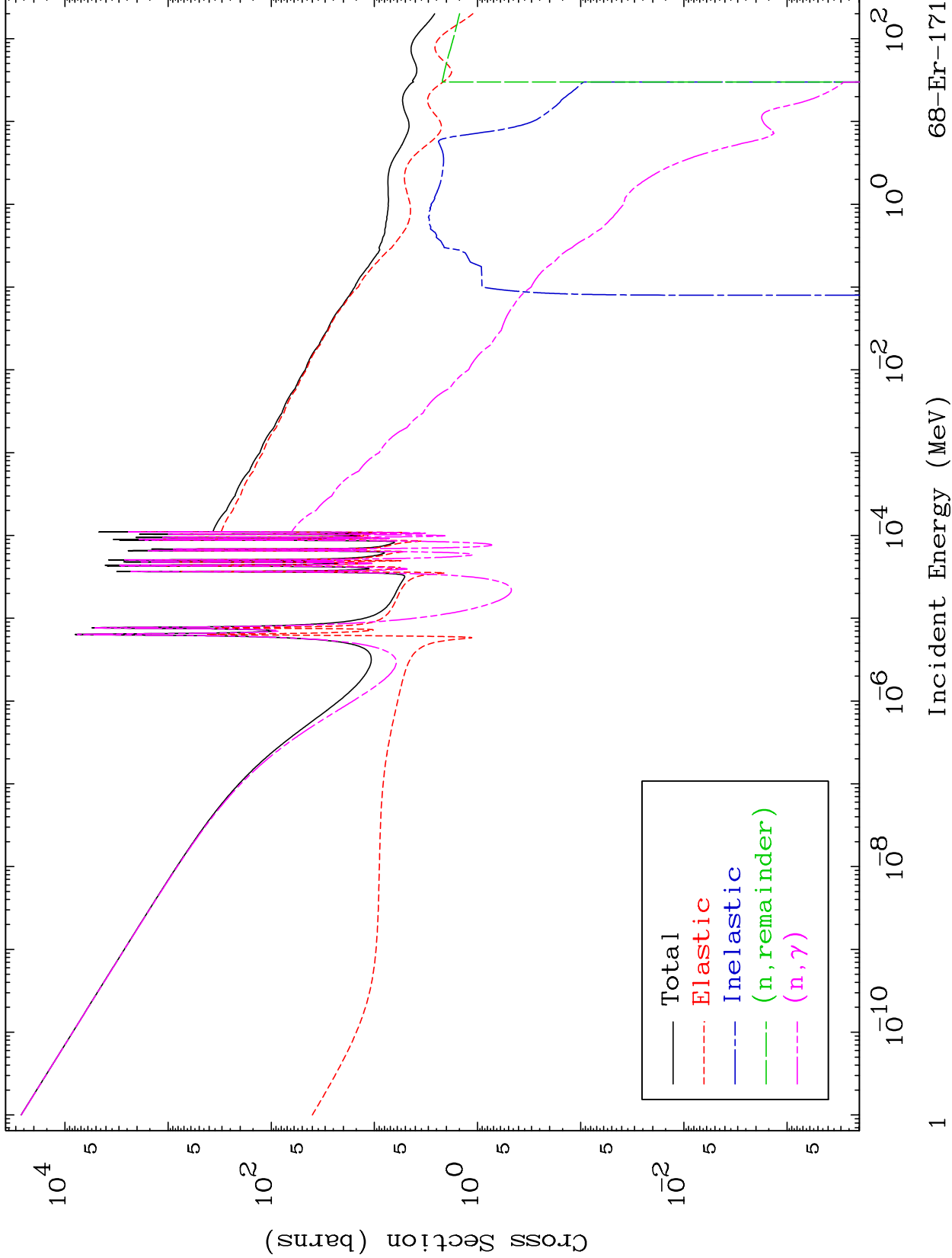
Press Mouse Button to Start

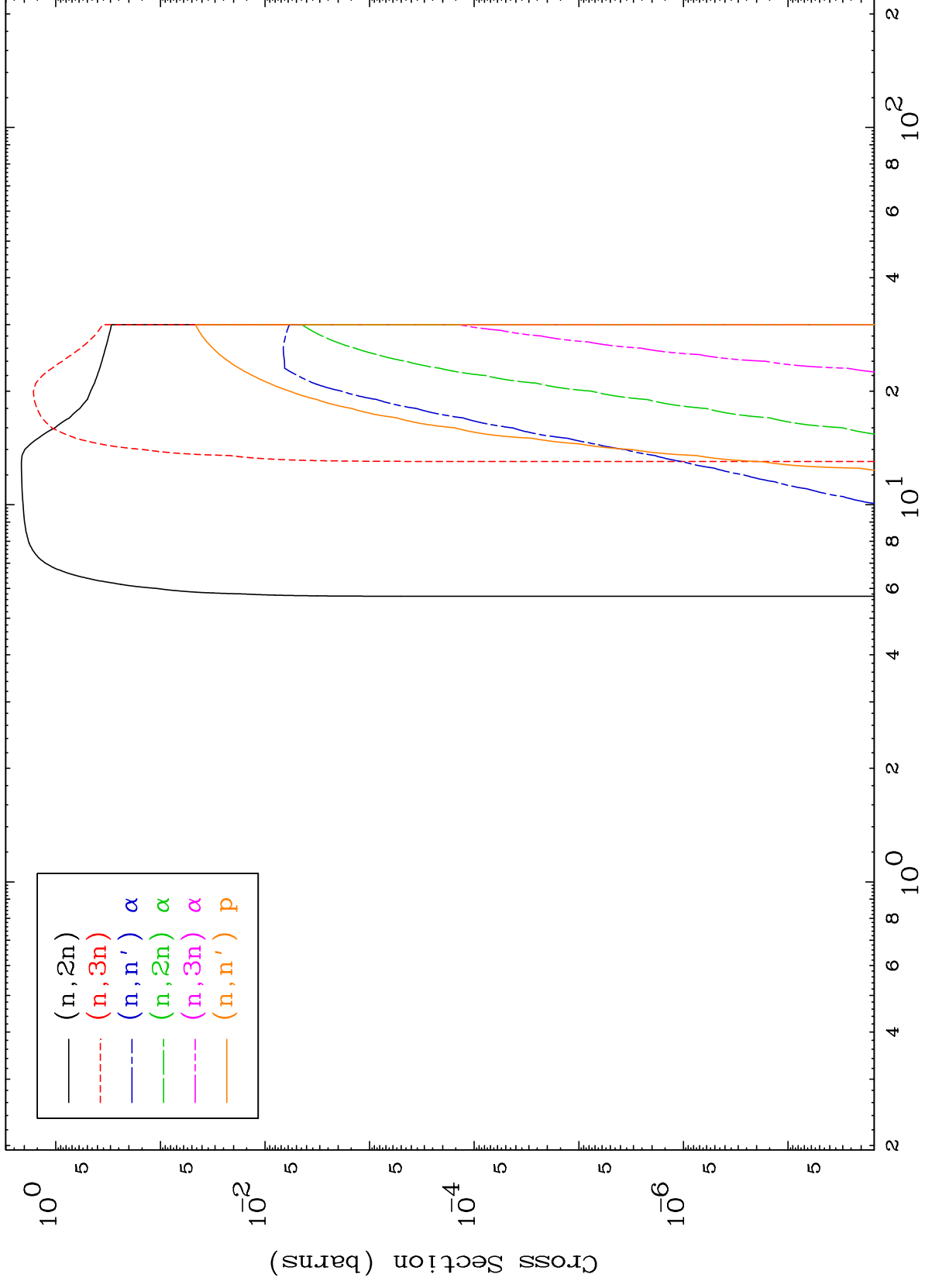
MAT 6852

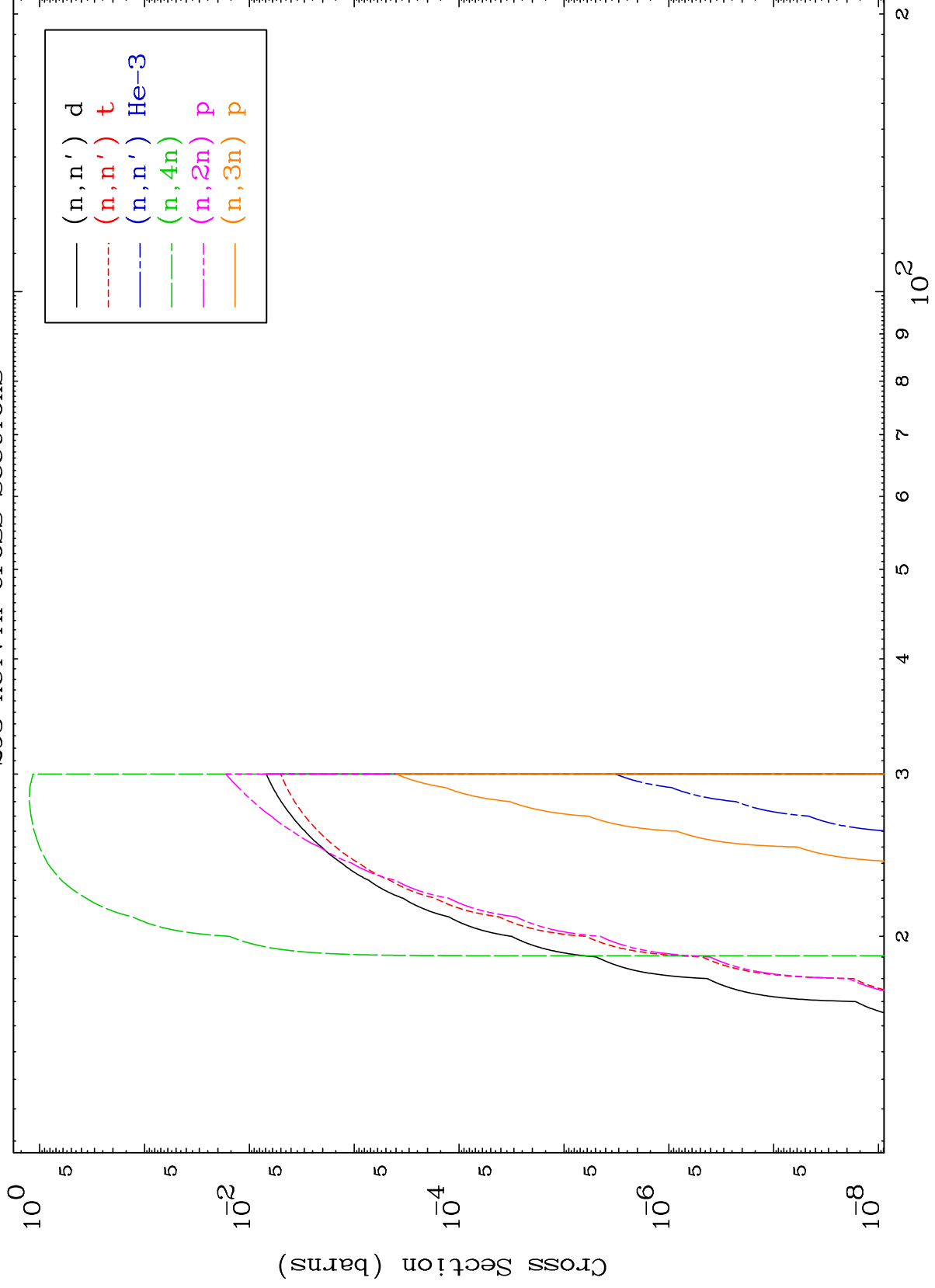
Major

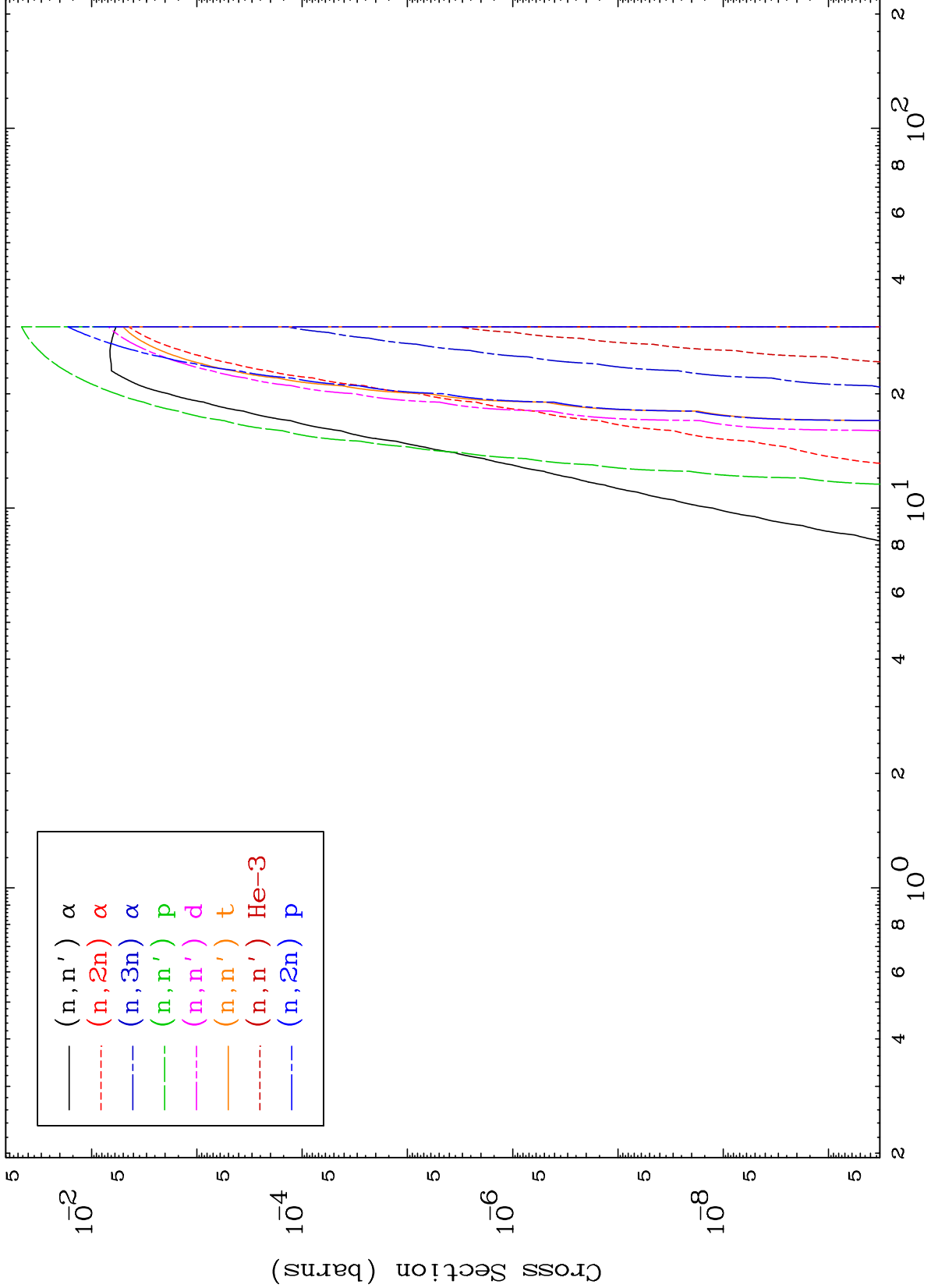
293 Kelvin Cross Sections

68-Er-171





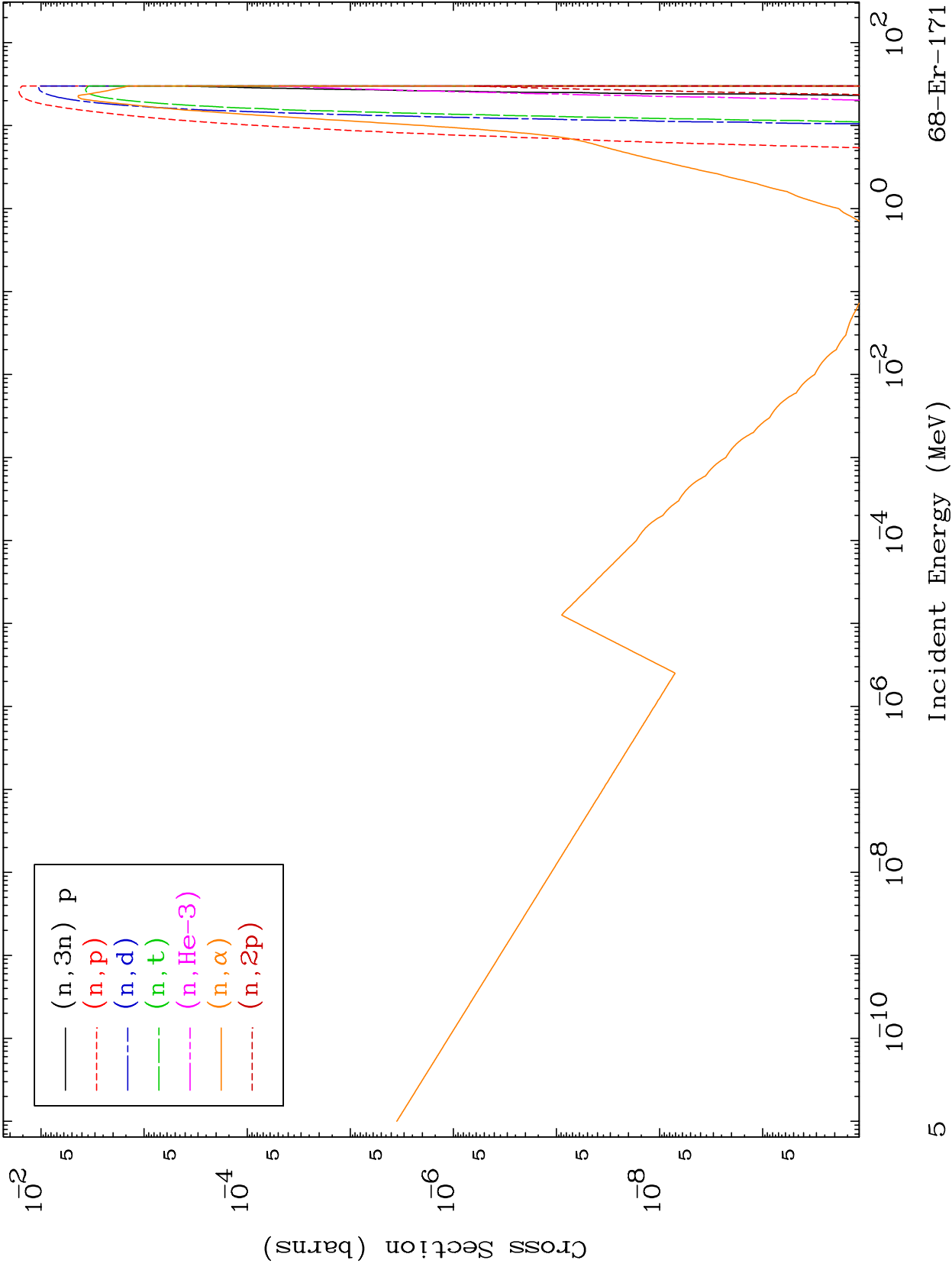




MAT 6852

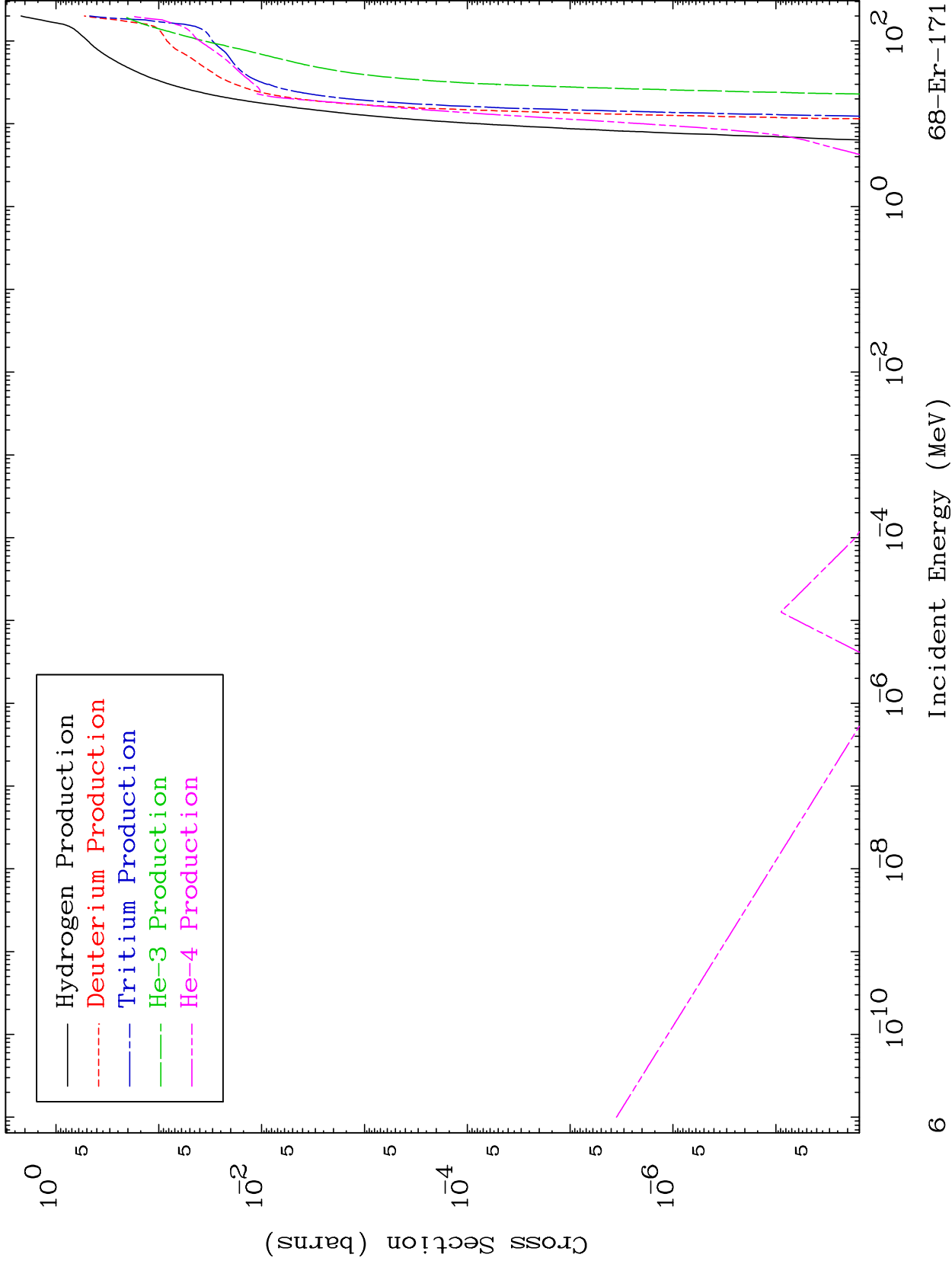
Charged Particle
293 Kelvin Cross Sections

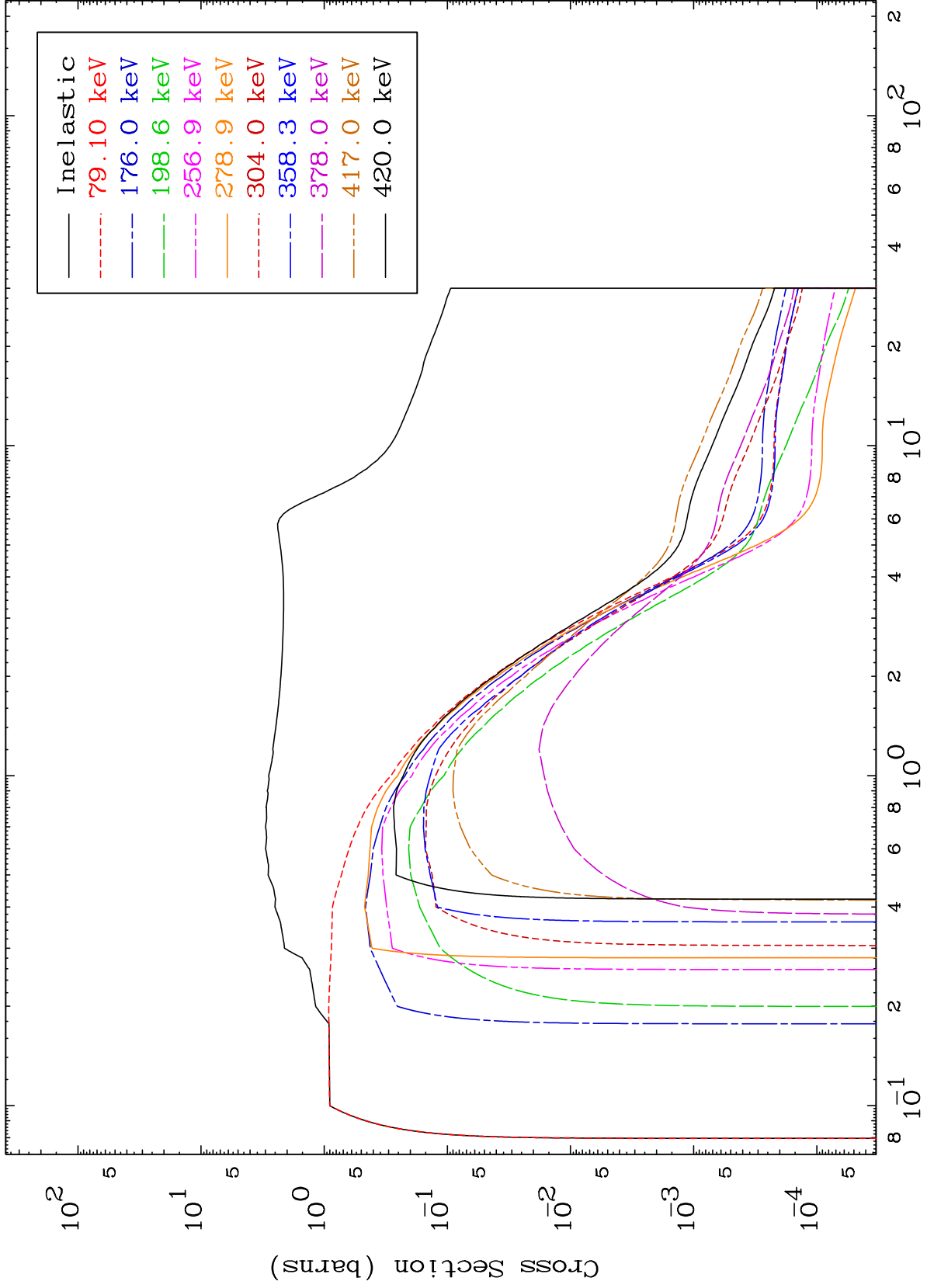
68-Er-171



5

68-Er-171

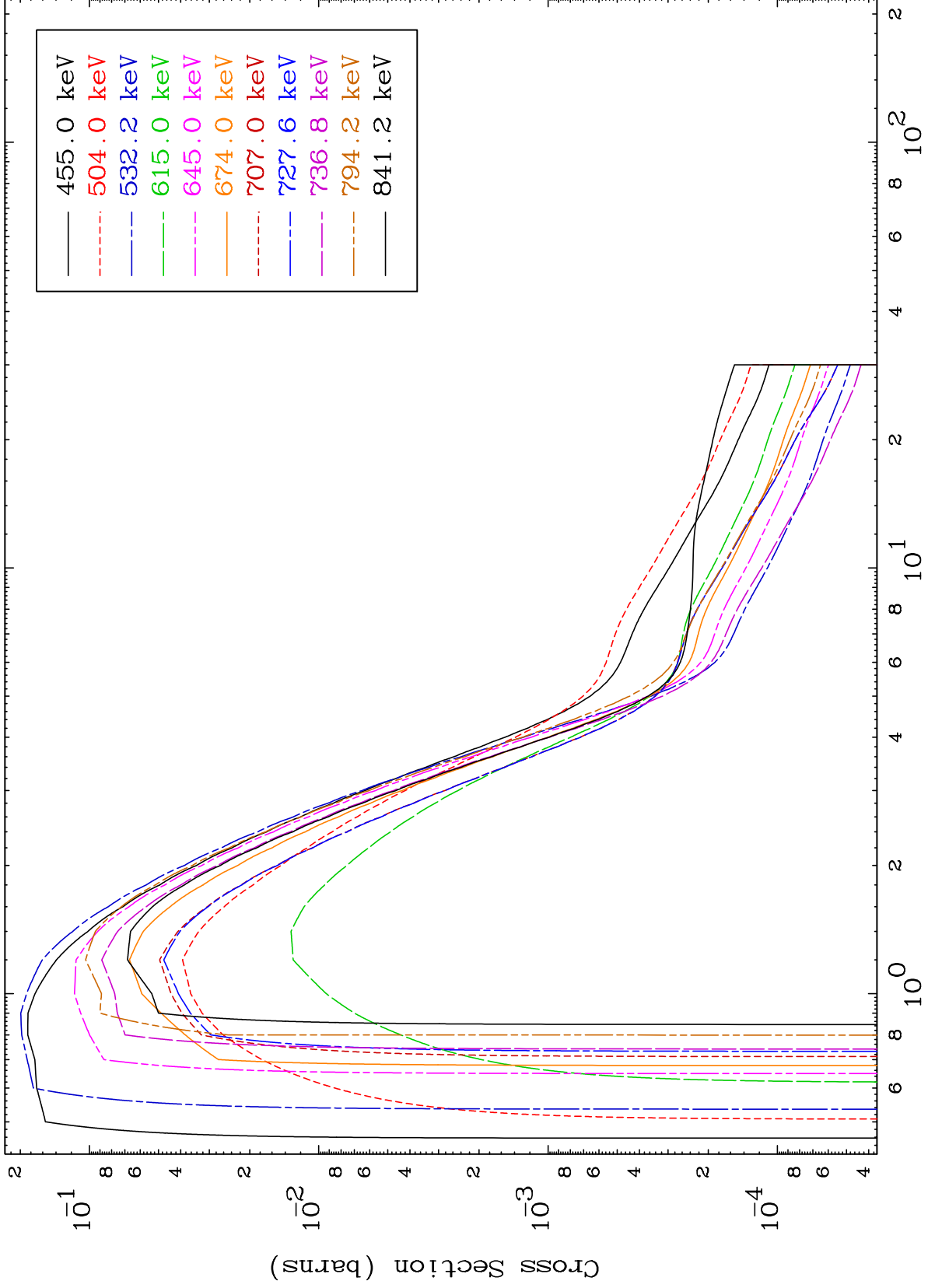




MAT 6852

(n,n') Level
293 Kelvin Cross Sections

68-Er-171



8

Incident Energy (MeV)

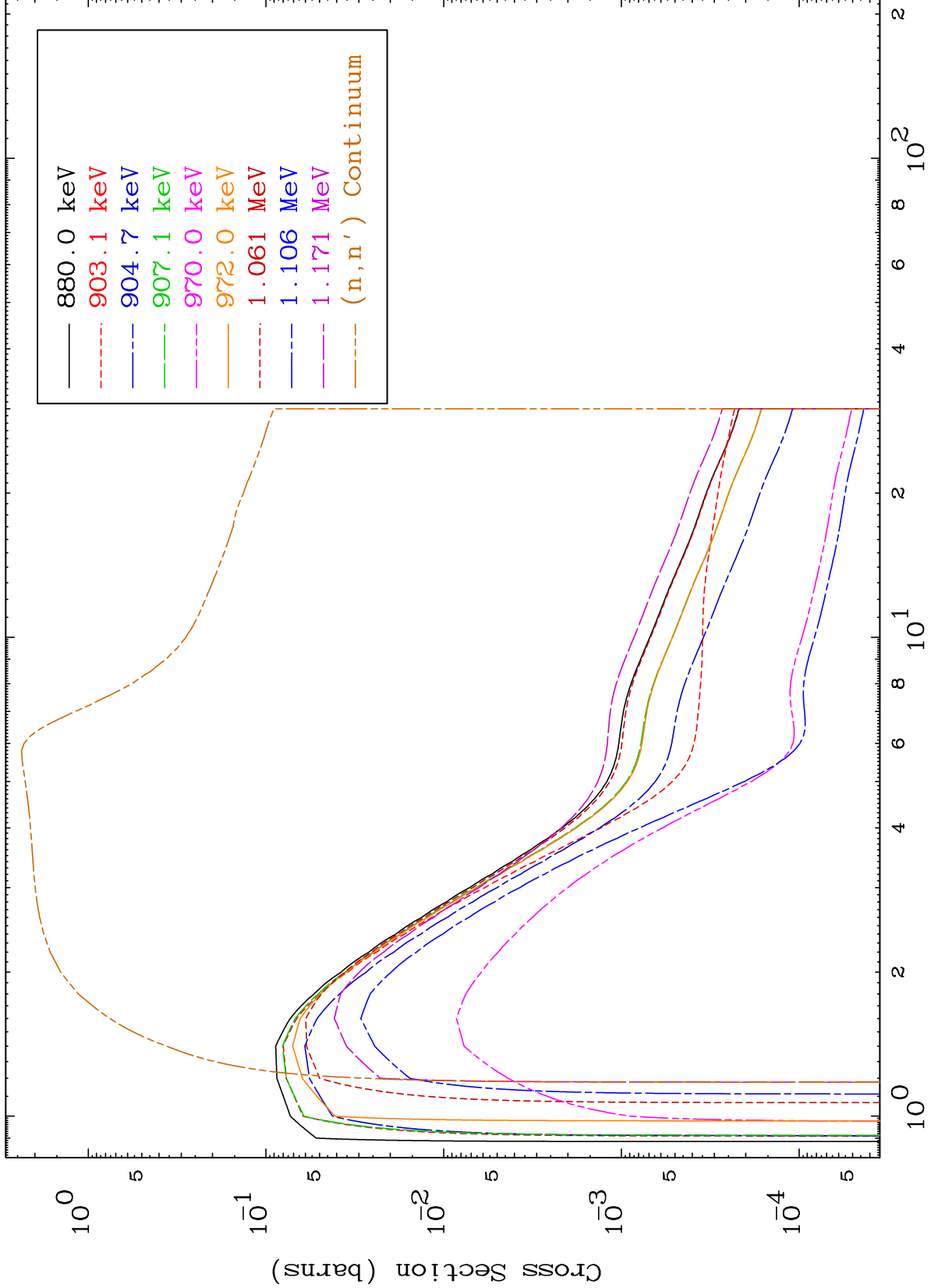
68-Er-171

MAT 6852

(n,n') Level

68-Er-171

293 Kelvin Cross Sections



Incident Energy (MeV)

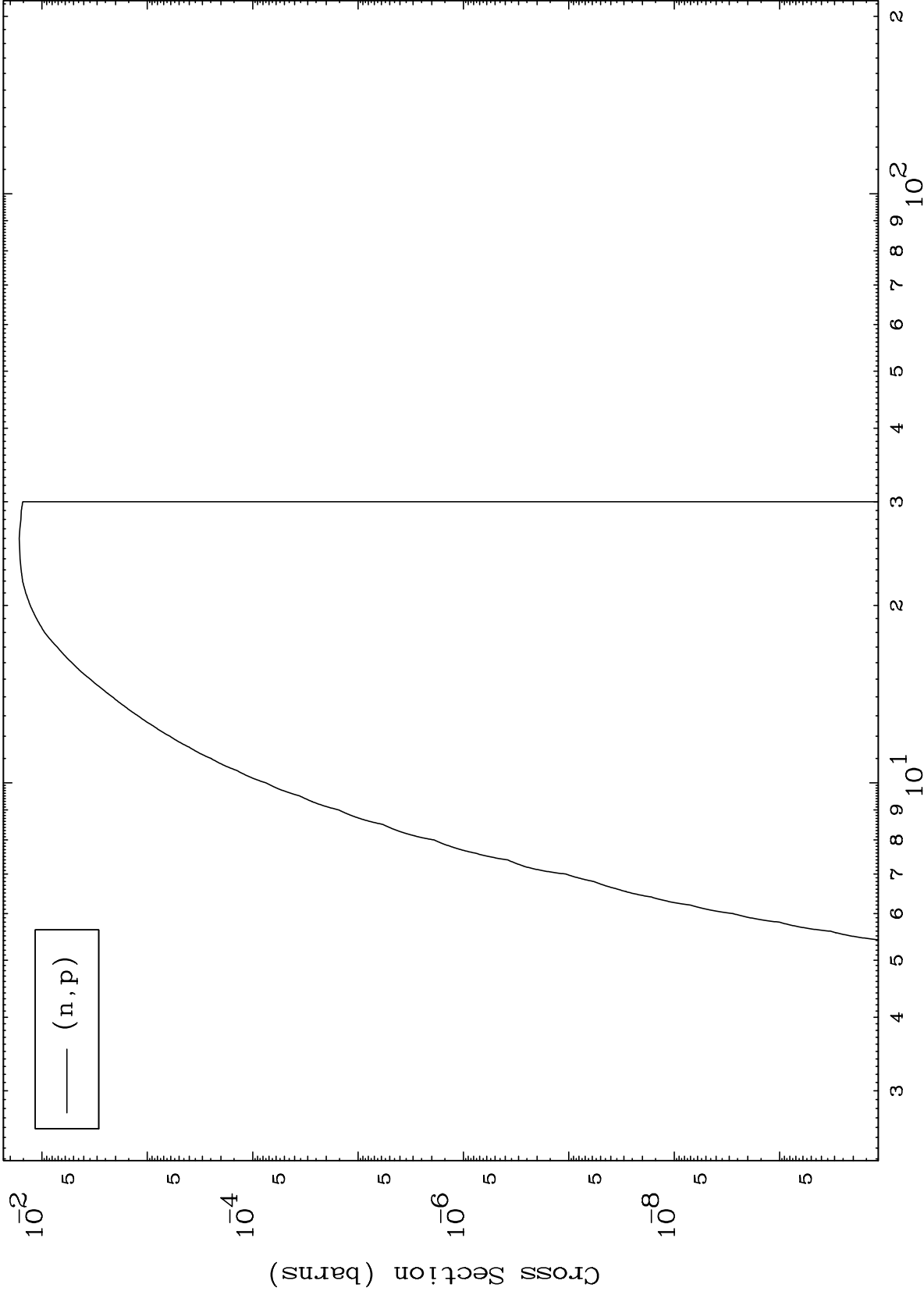
68-Er-171

9

MAT 6852

(n,p) Levels
293 Kelvin Cross Sections

68-Er-171



10

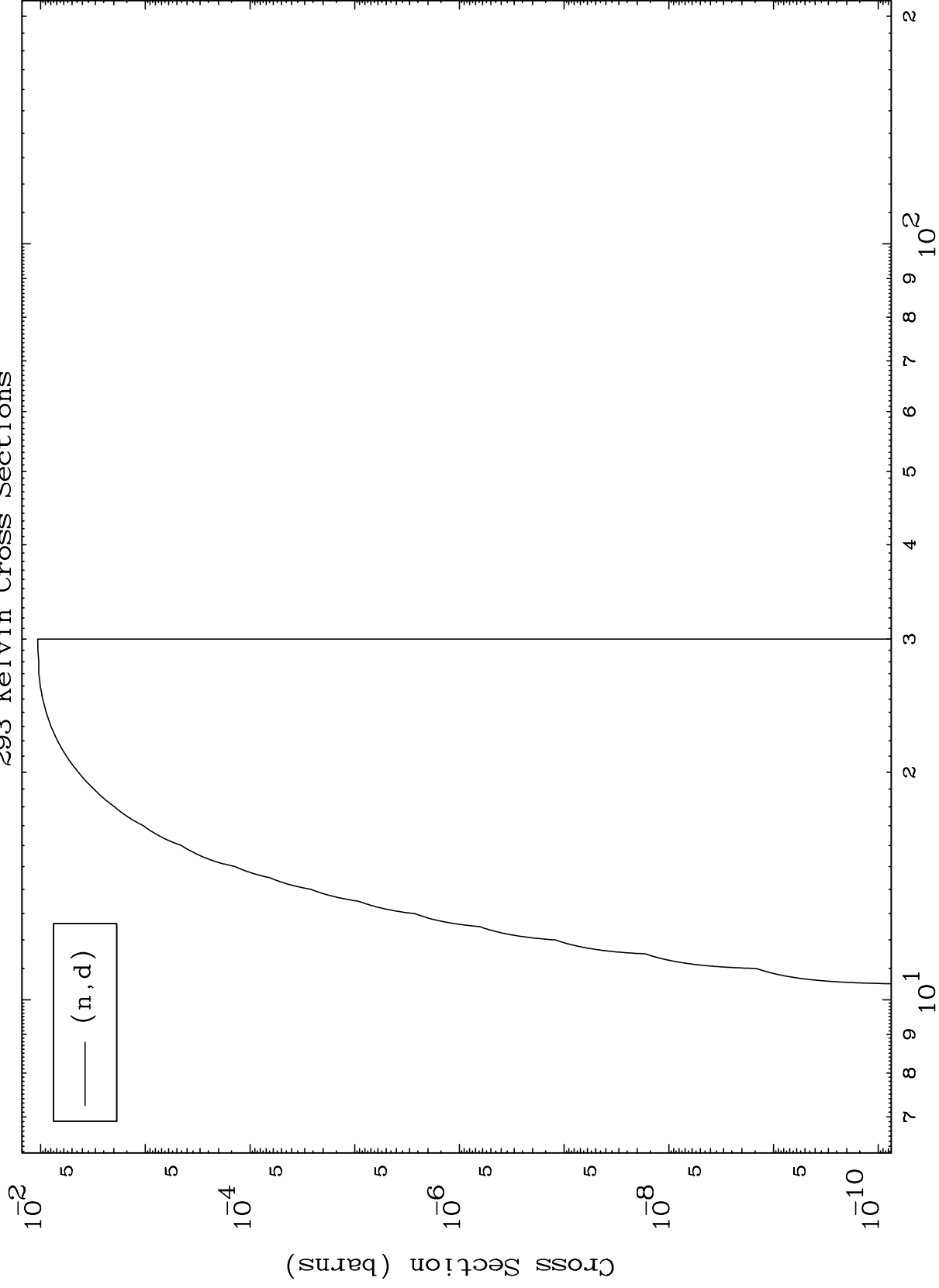
Incident Energy (MeV)

68-Er-171

MAT 6852

(n,d) Levels
293 Kelvin Cross Sections

68-Er-171



11

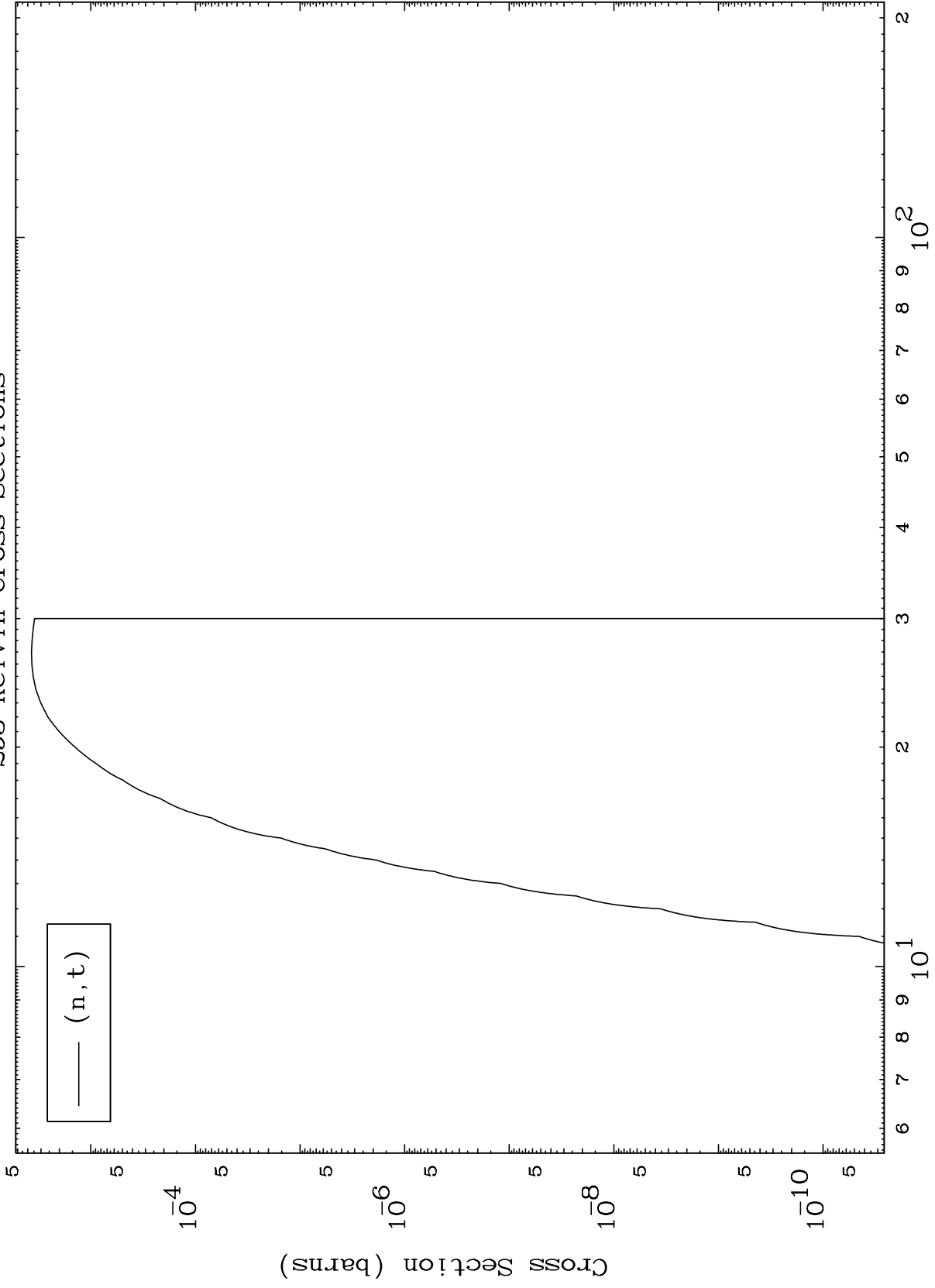
Incident Energy (MeV)

68-Er-171

MAT 6852

(n, t) Levels
293 Kelvin Cross Sections

68-Er-171



12

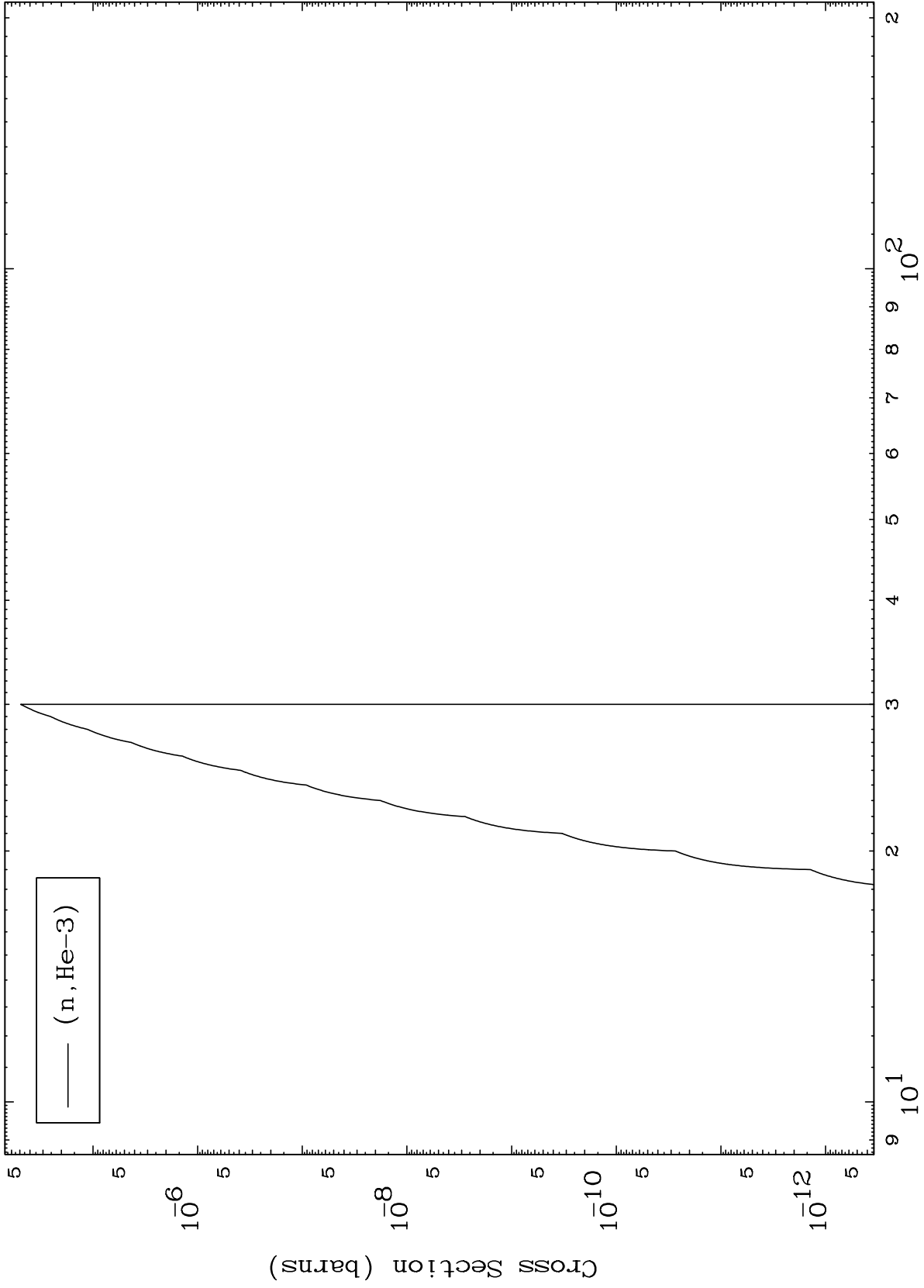
Incident Energy (MeV)

68-Er-171

MAT 6852

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-171



13

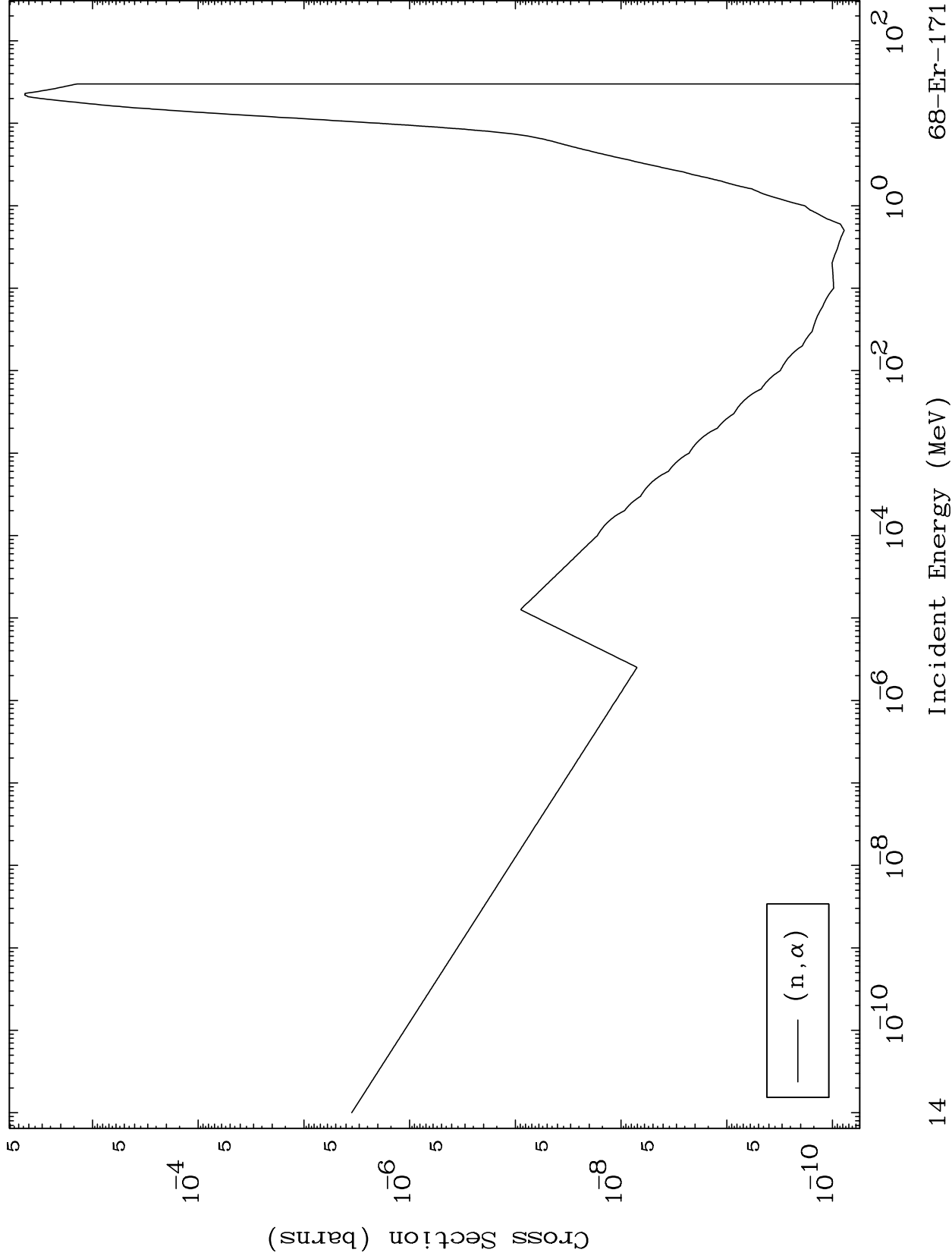
Incident Energy (MeV)

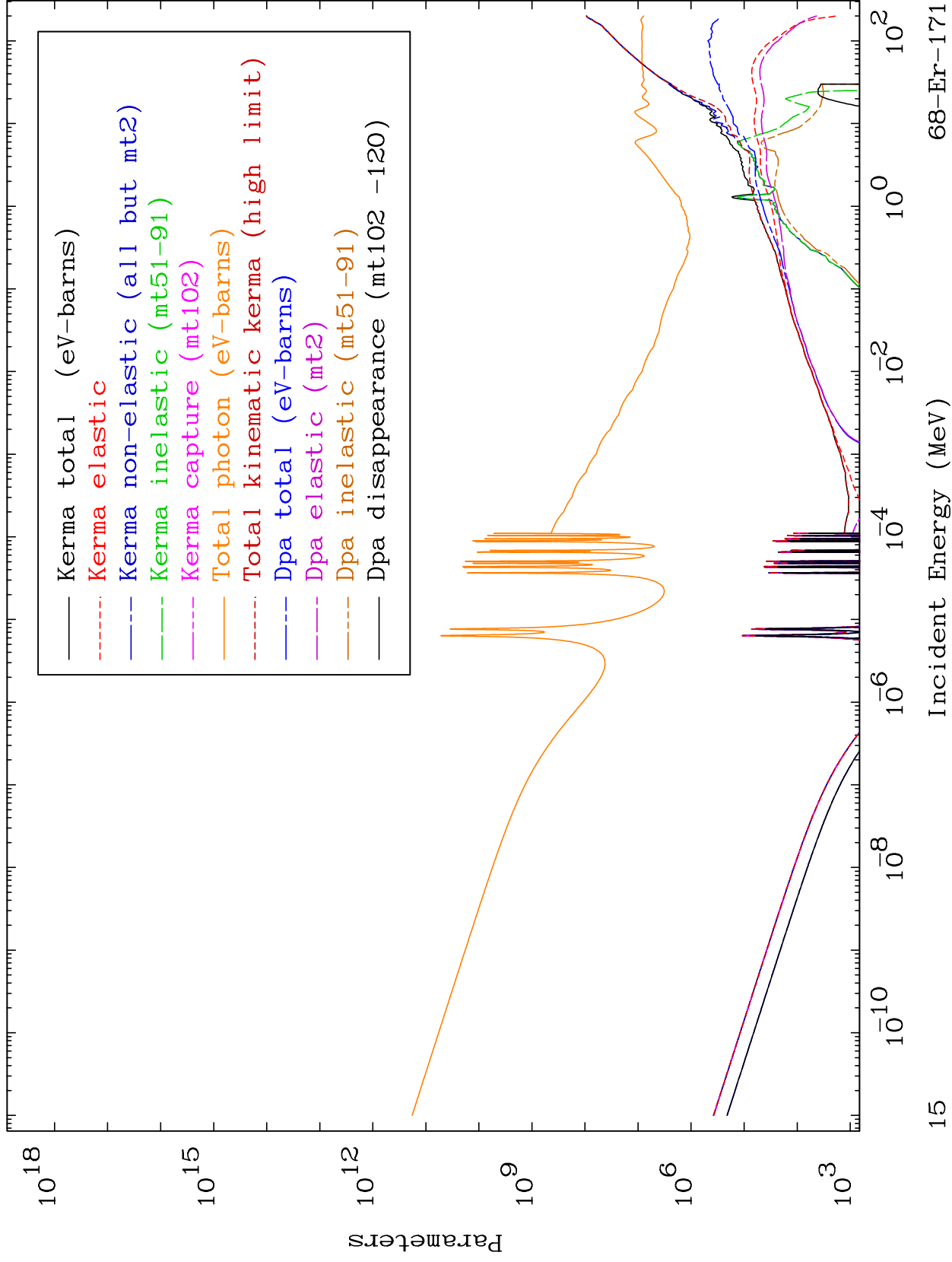
68-Er-171

MAT 6852

(n,α) Levels
293 Kelvin Cross Sections

68-Er-171

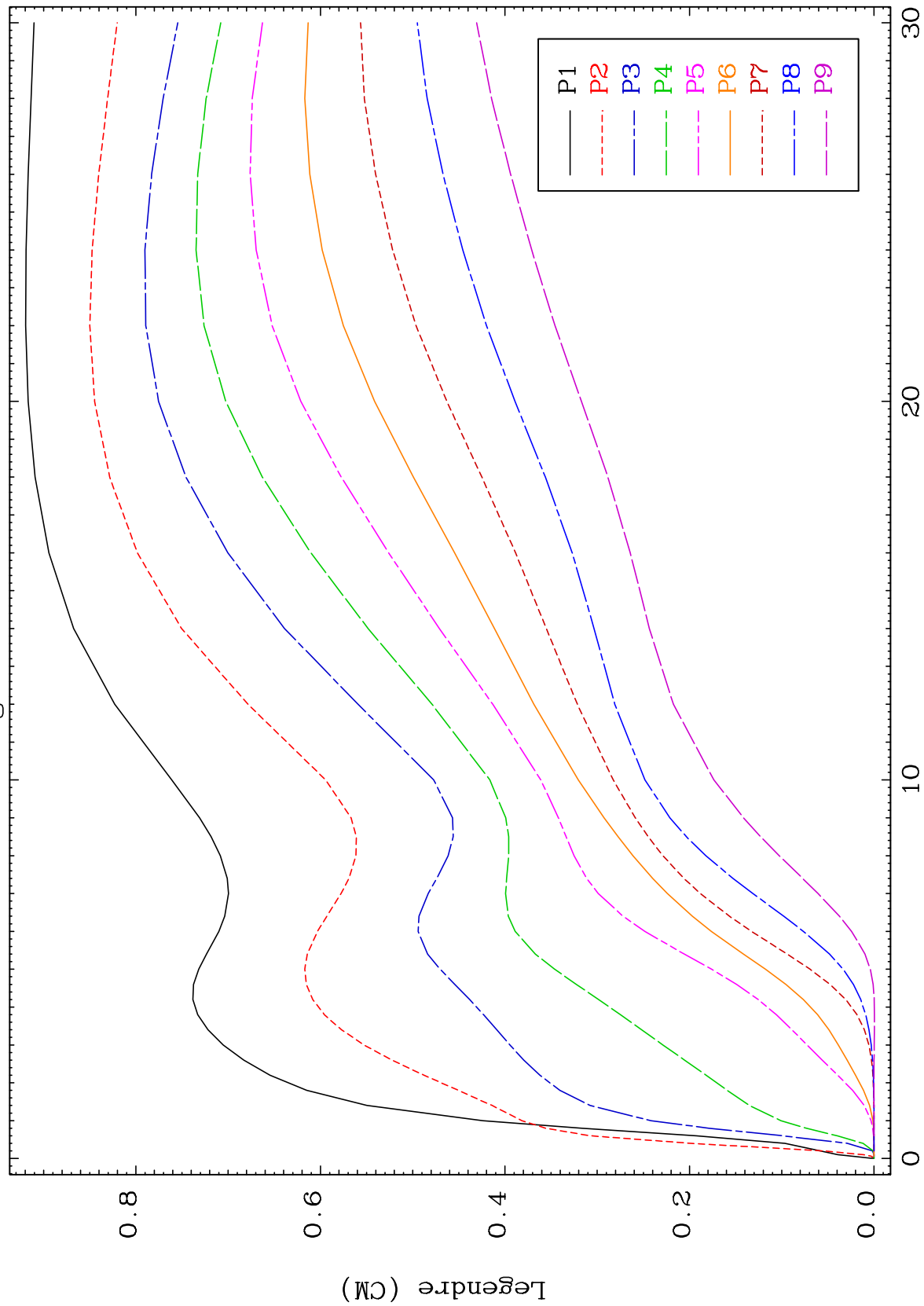




MAT 6852

Elastic Legendre Coefficients

68-Er-171



16

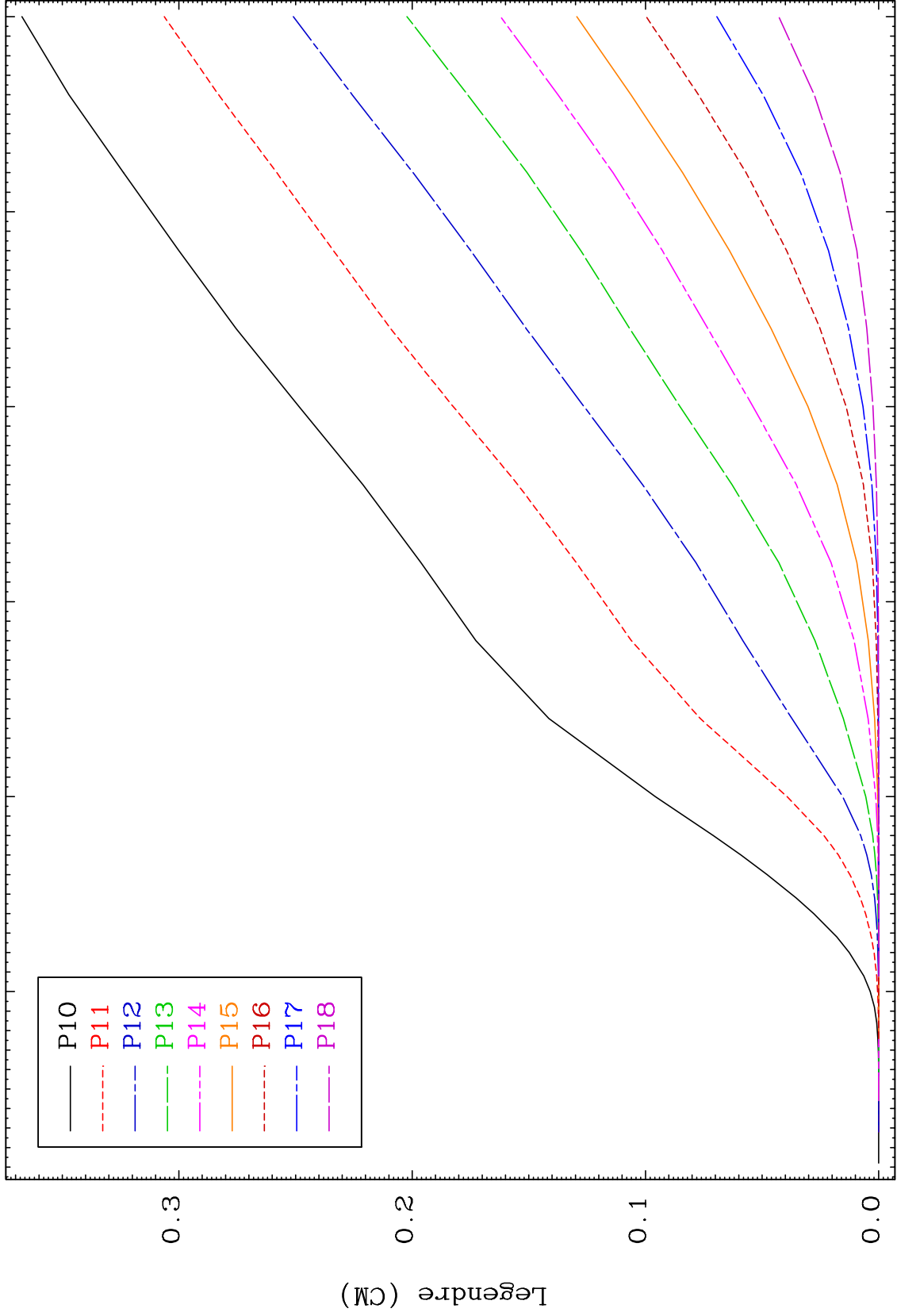
Incident Energy (MeV)

68-Er-171

MAT 6852

Elastic
Legendre Coefficients

68-Er-171



17

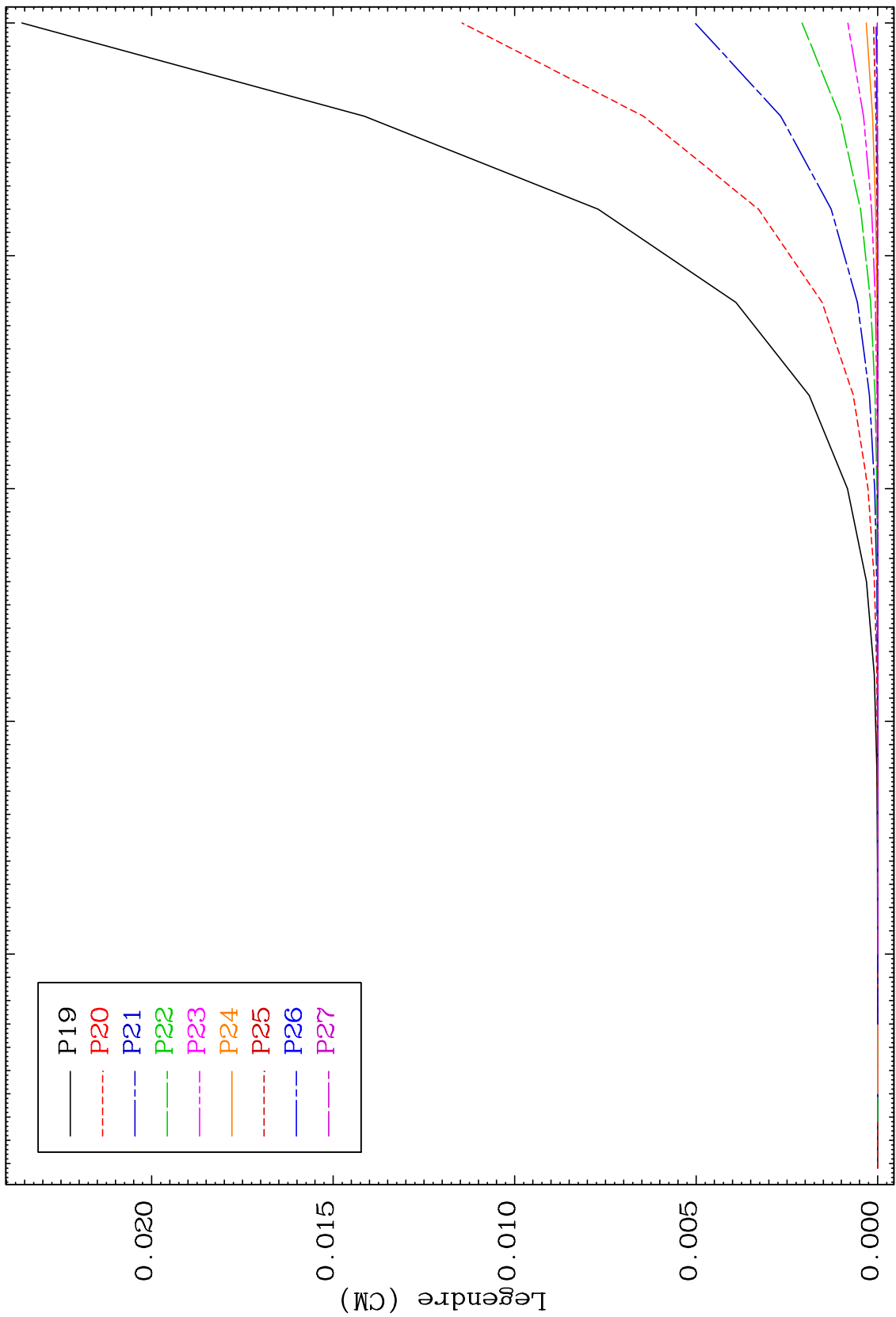
Incident Energy (MeV)

68-Er-171

MAT 6852

Elastic Legendre Coefficients

68-Er-171



18

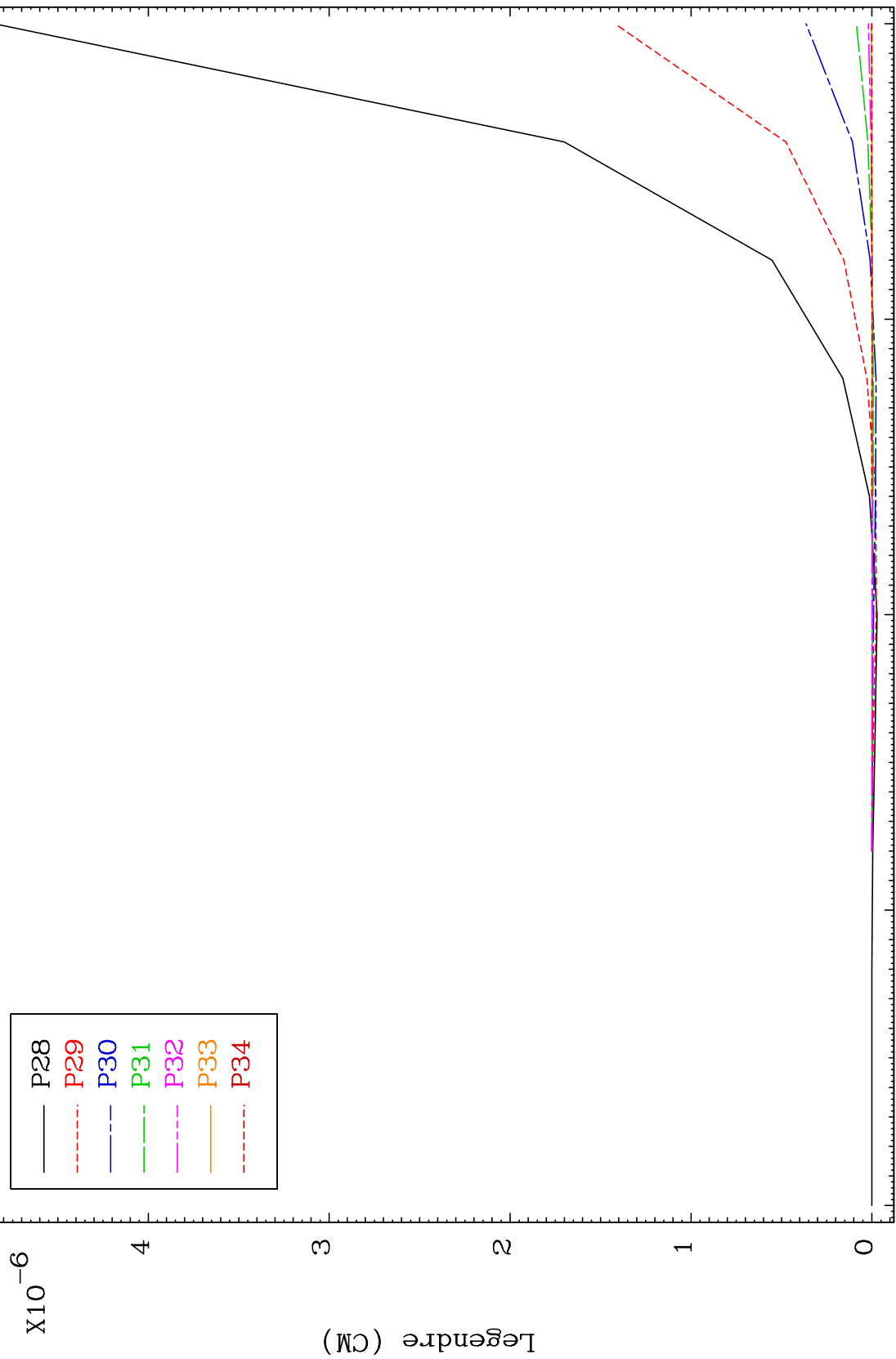
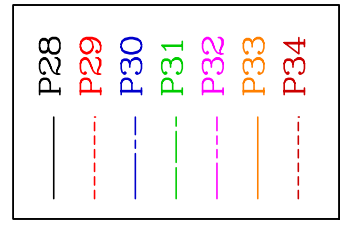
Incident Energy (MeV)

68-Er-171

MAT 6852

Elastic Legendre Coefficients

68-Er-171



19

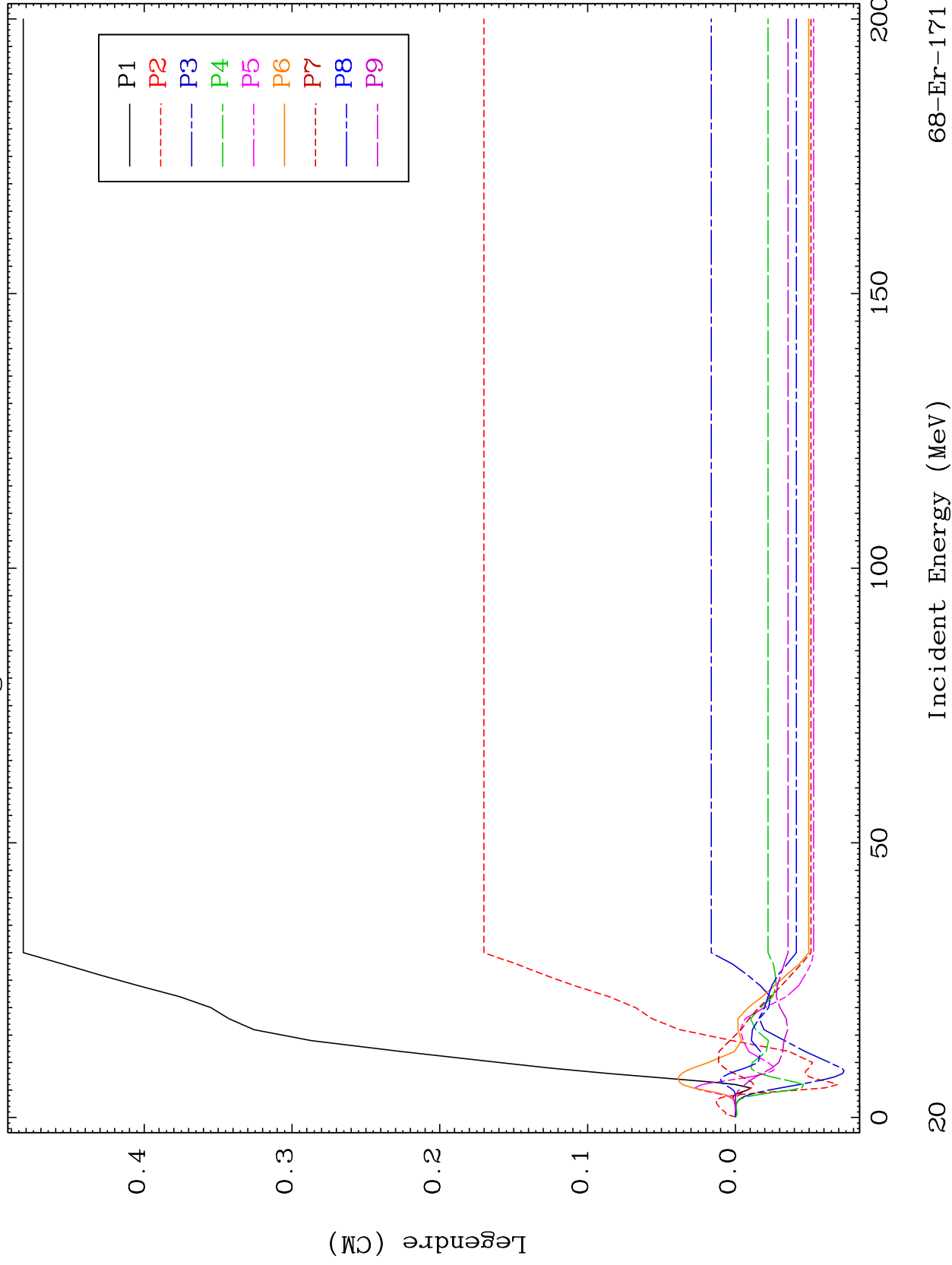
Incident Energy (MeV)

68-Er-171

MAT 6852

79.10 keV (n,n') Level
Legendre Coefficients

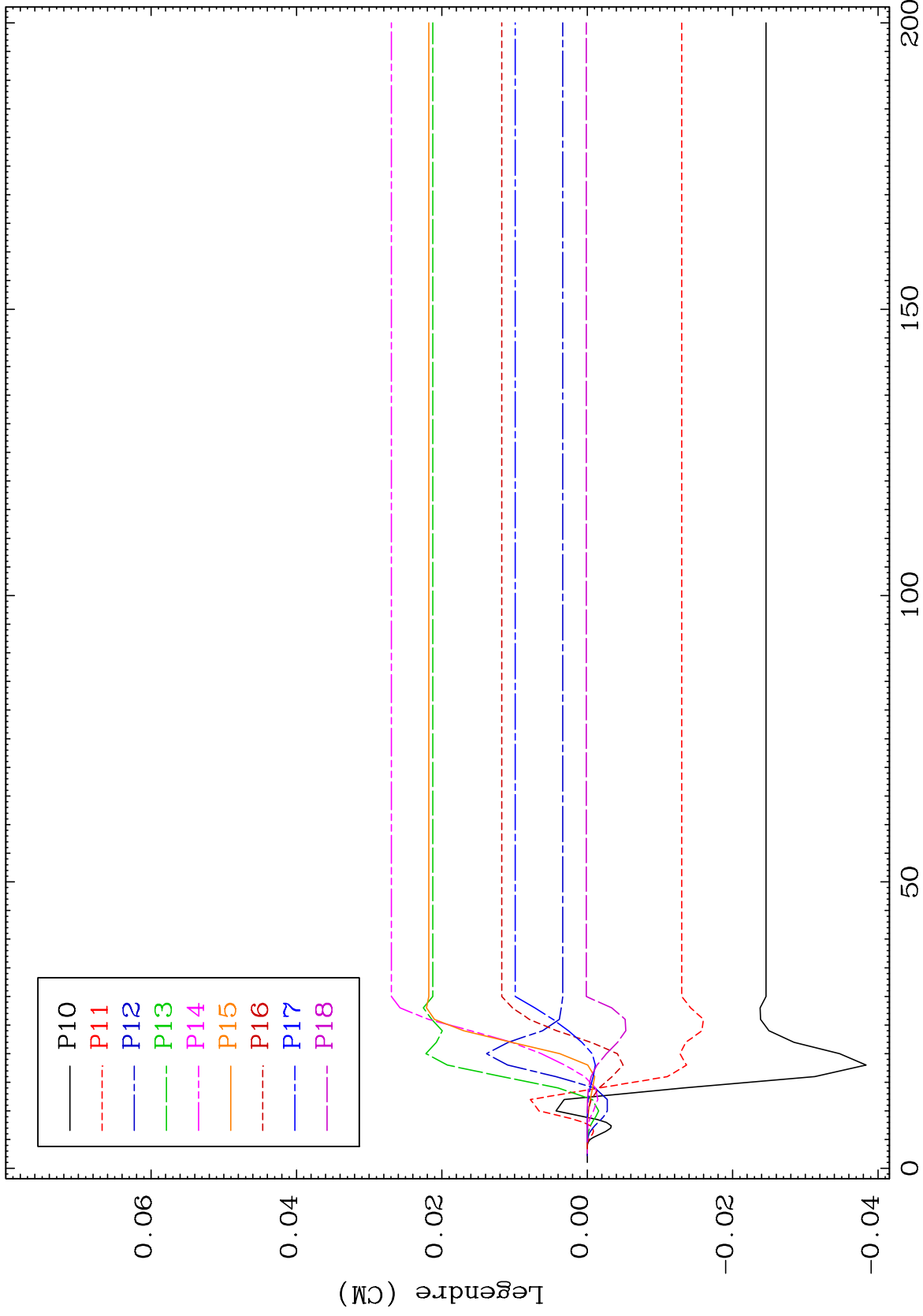
68-Er-171

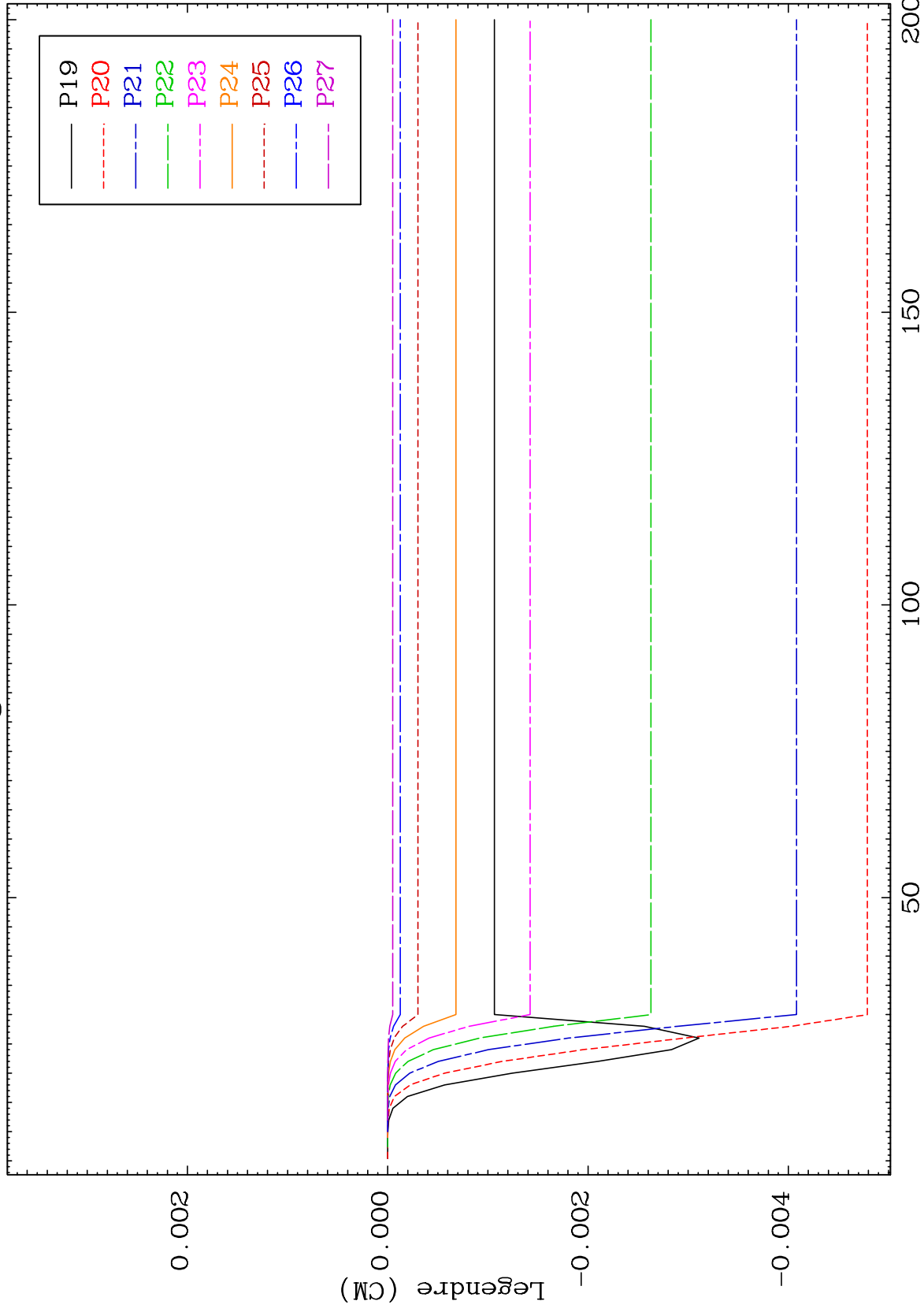


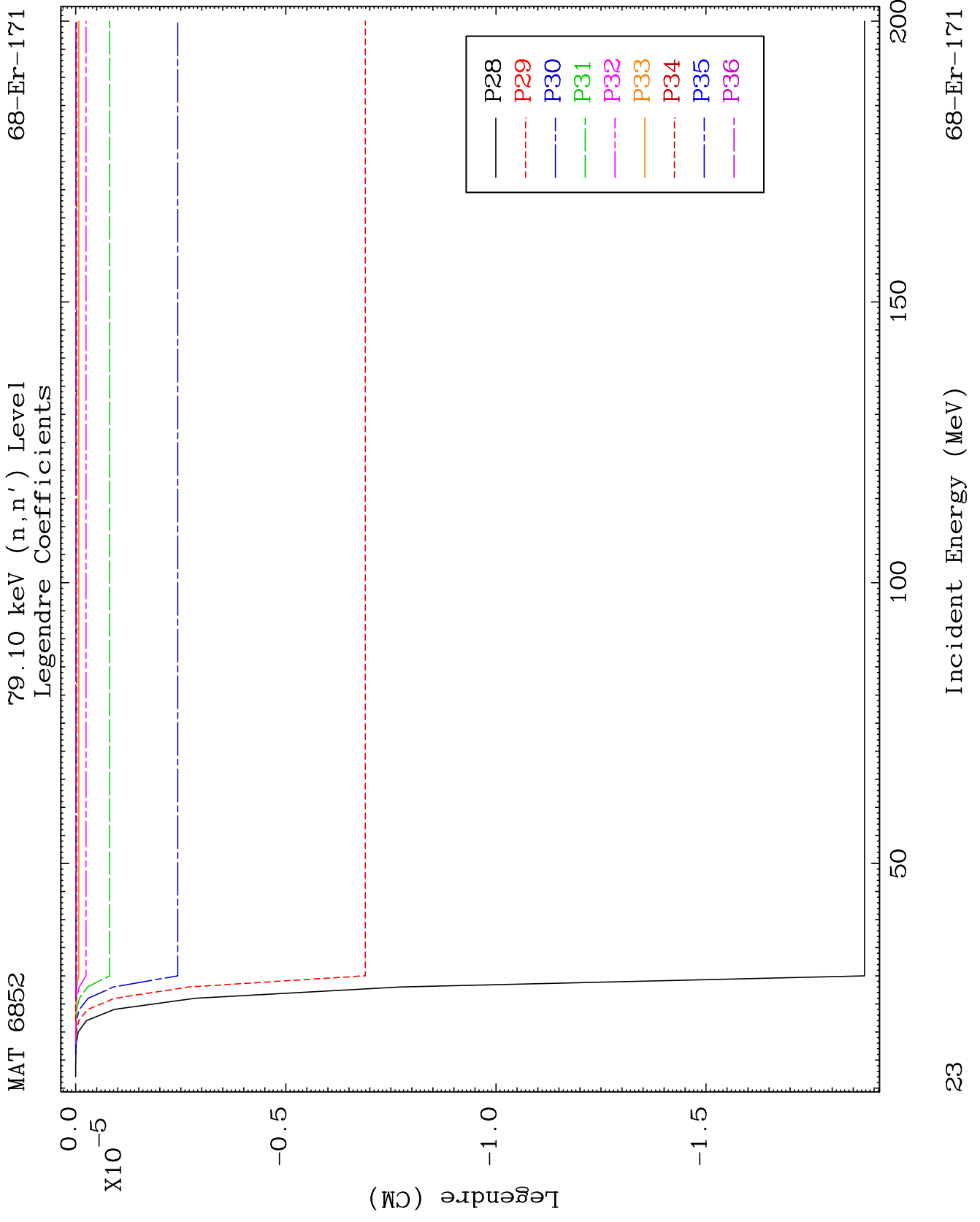
68-Er-171

Incident Energy (MeV)

0



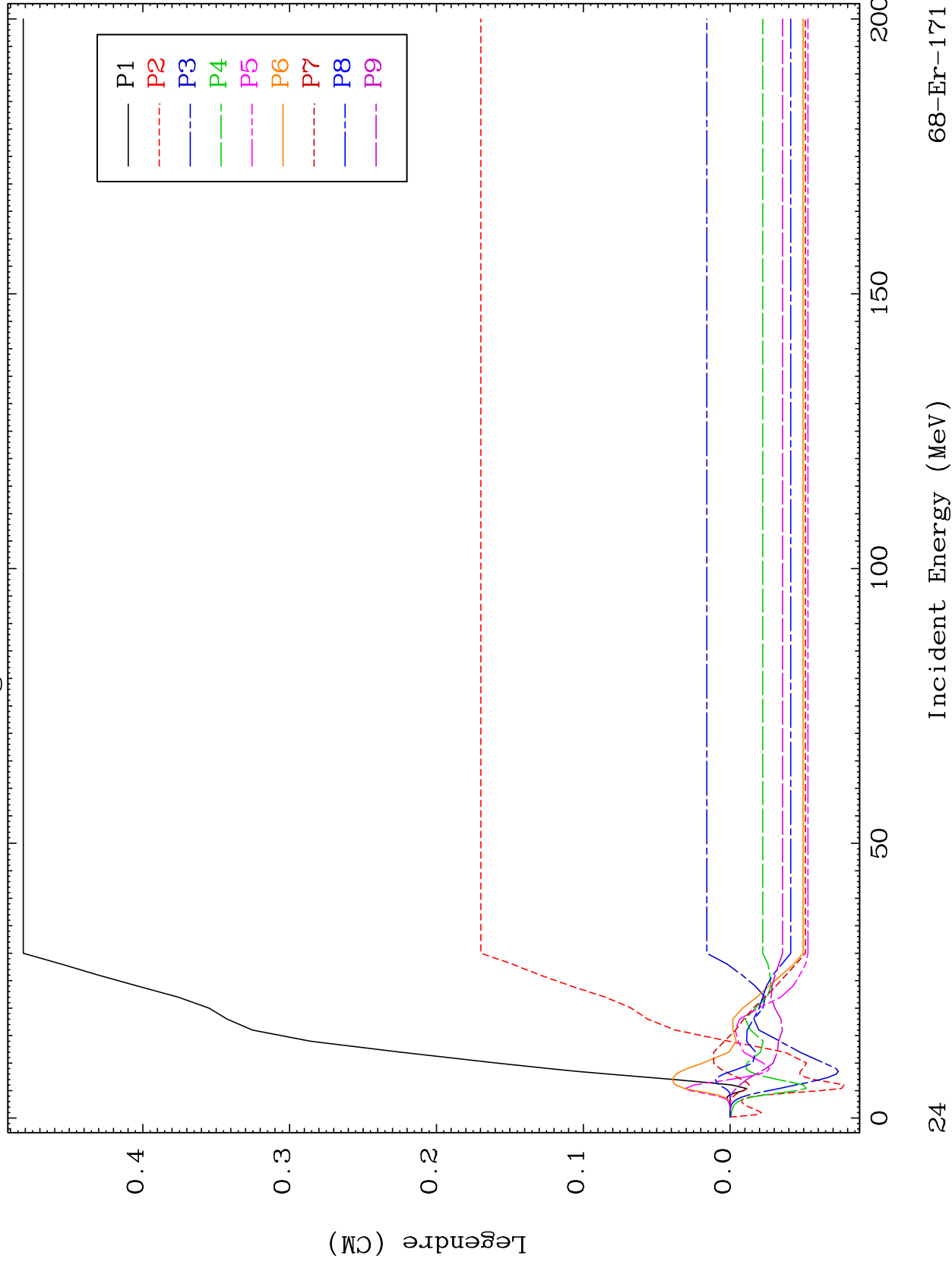




MAT 6852

176.0 keV (n,n') Level
Legendre Coefficients

68-Er-171



68-Er-171

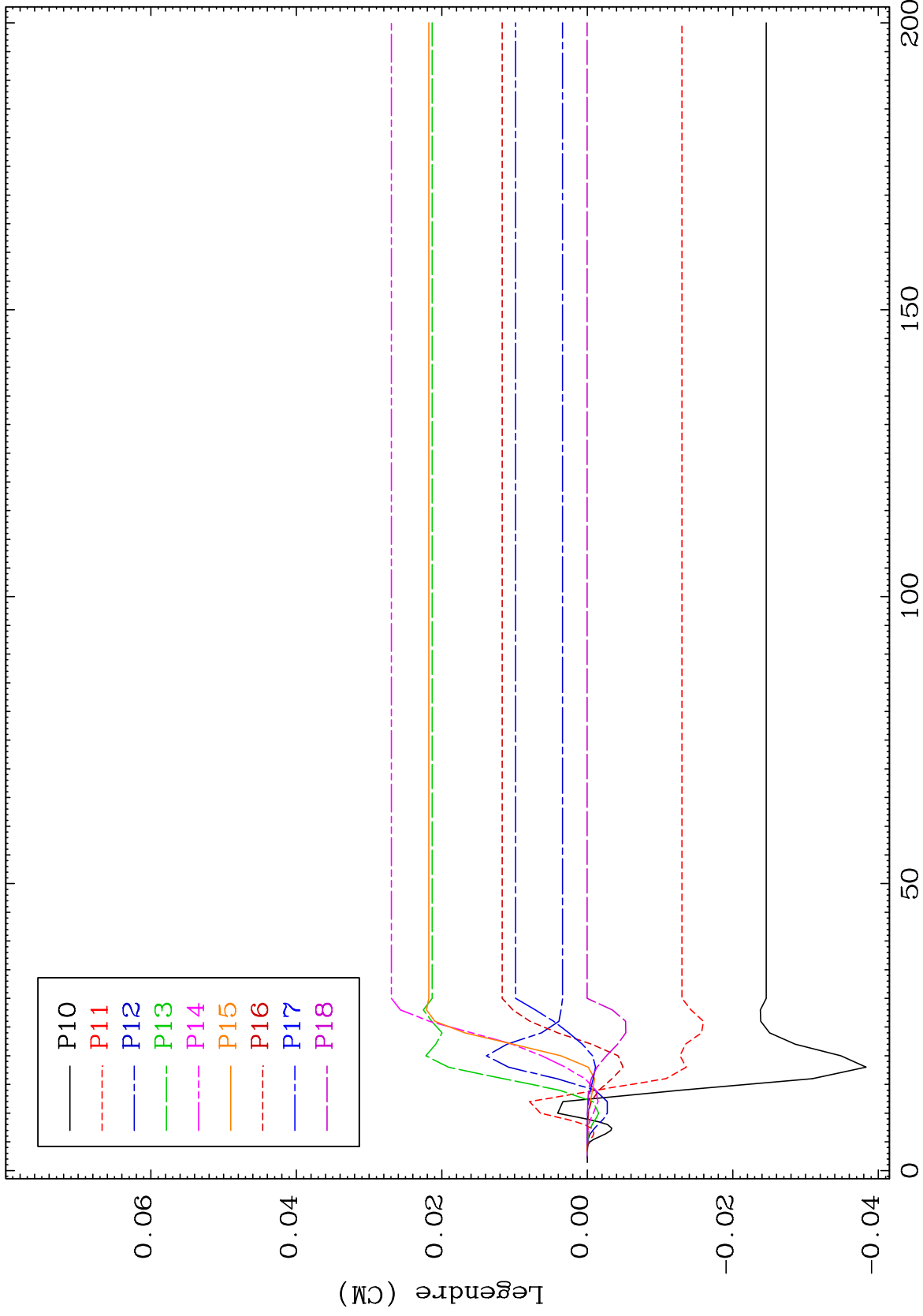
Incident Energy (MeV)

24

MAT 6852

176.0 keV (n,n') Level
Legendre Coefficients

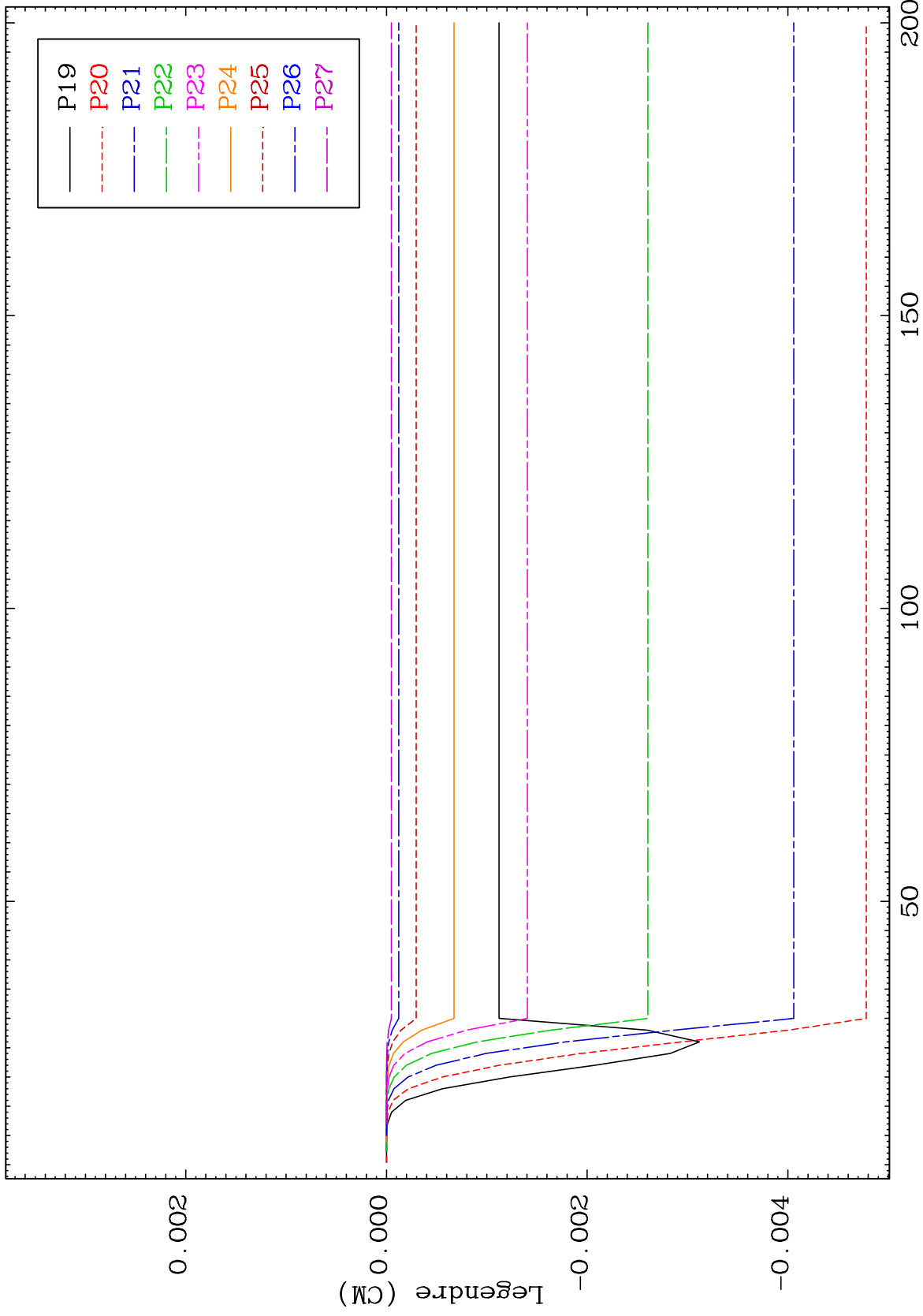
68-Er-171

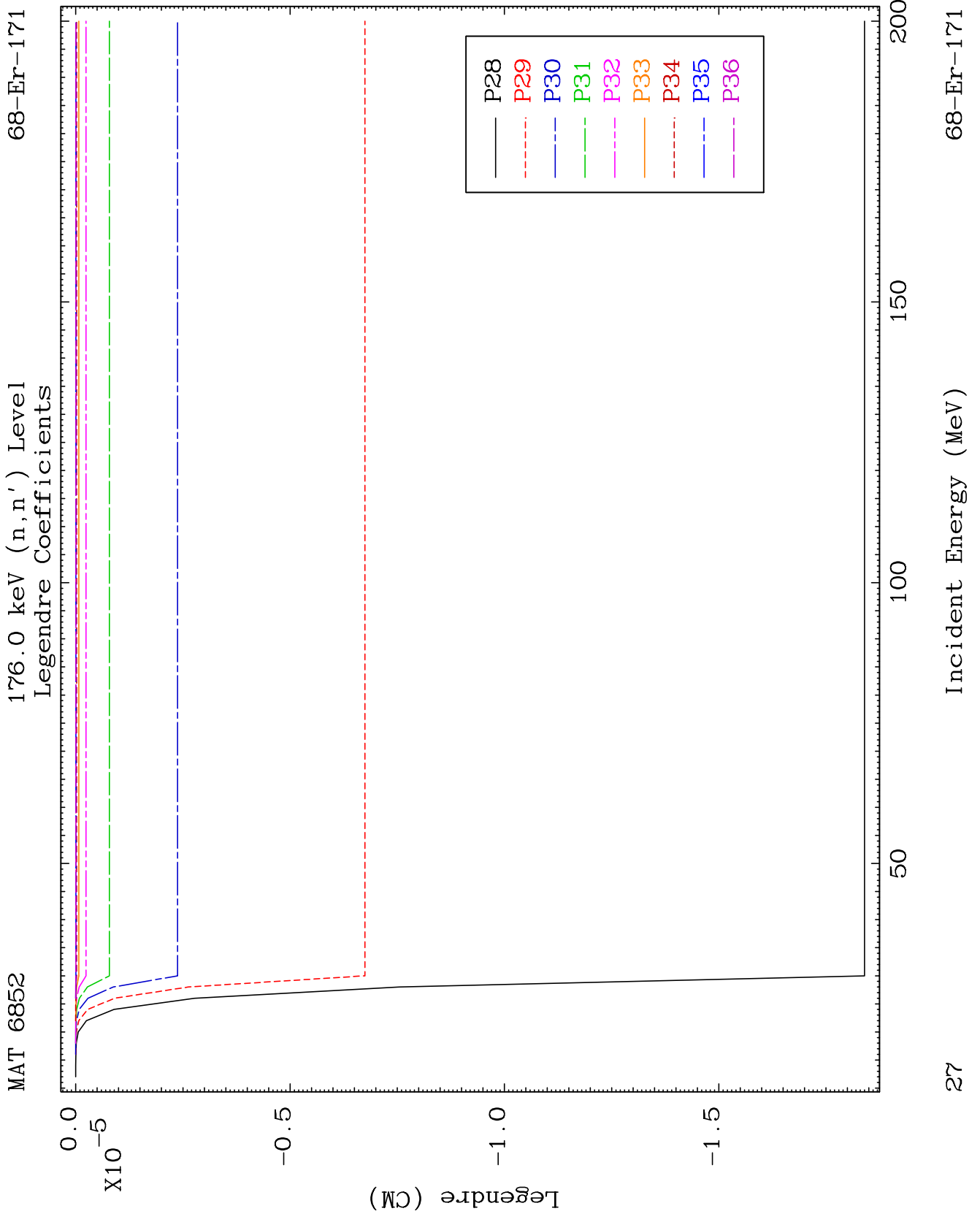


25

Incident Energy (MeV)

68-Er-171

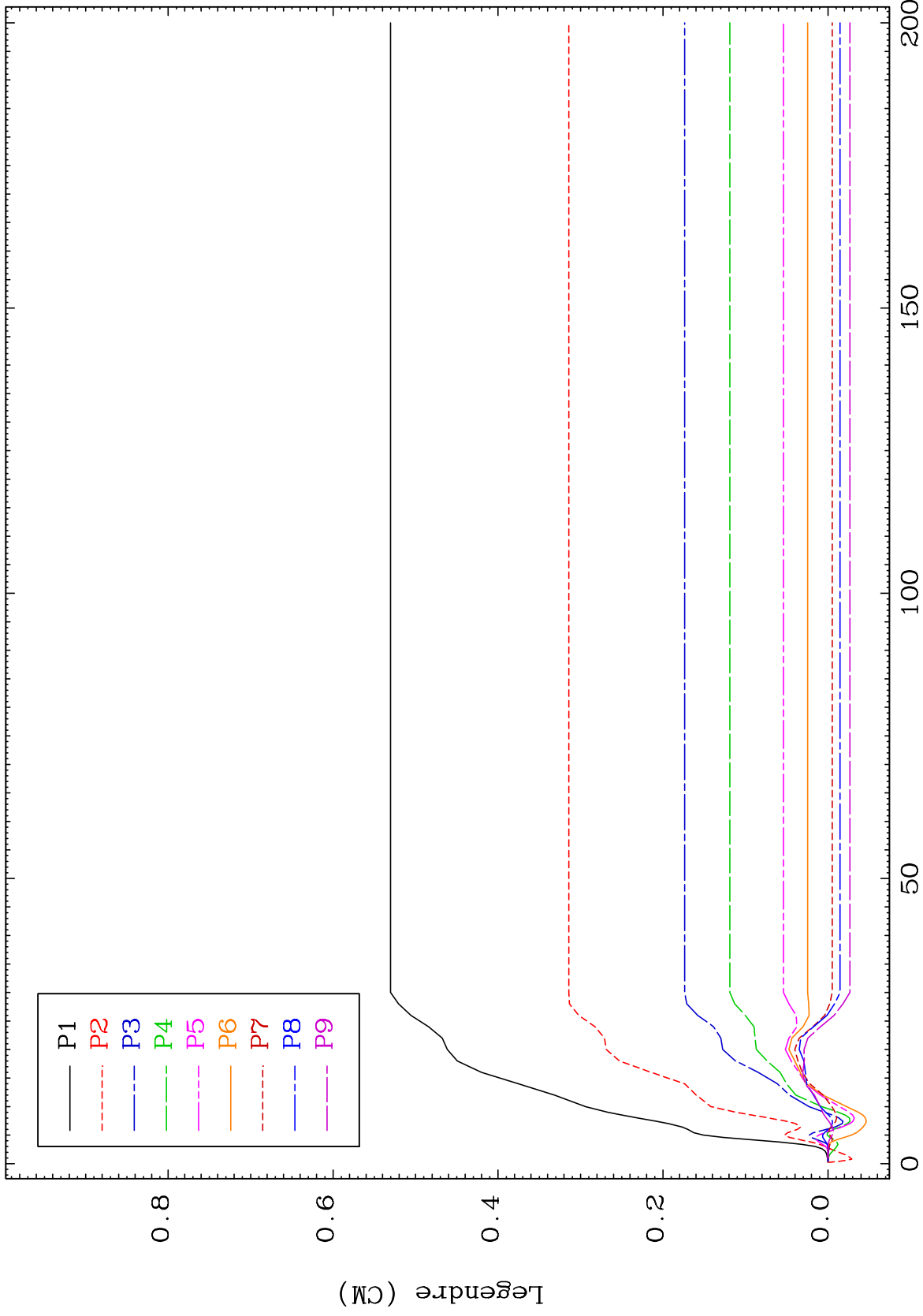




MAT 6852

198.6 keV (n,n') Level
Legendre Coefficients

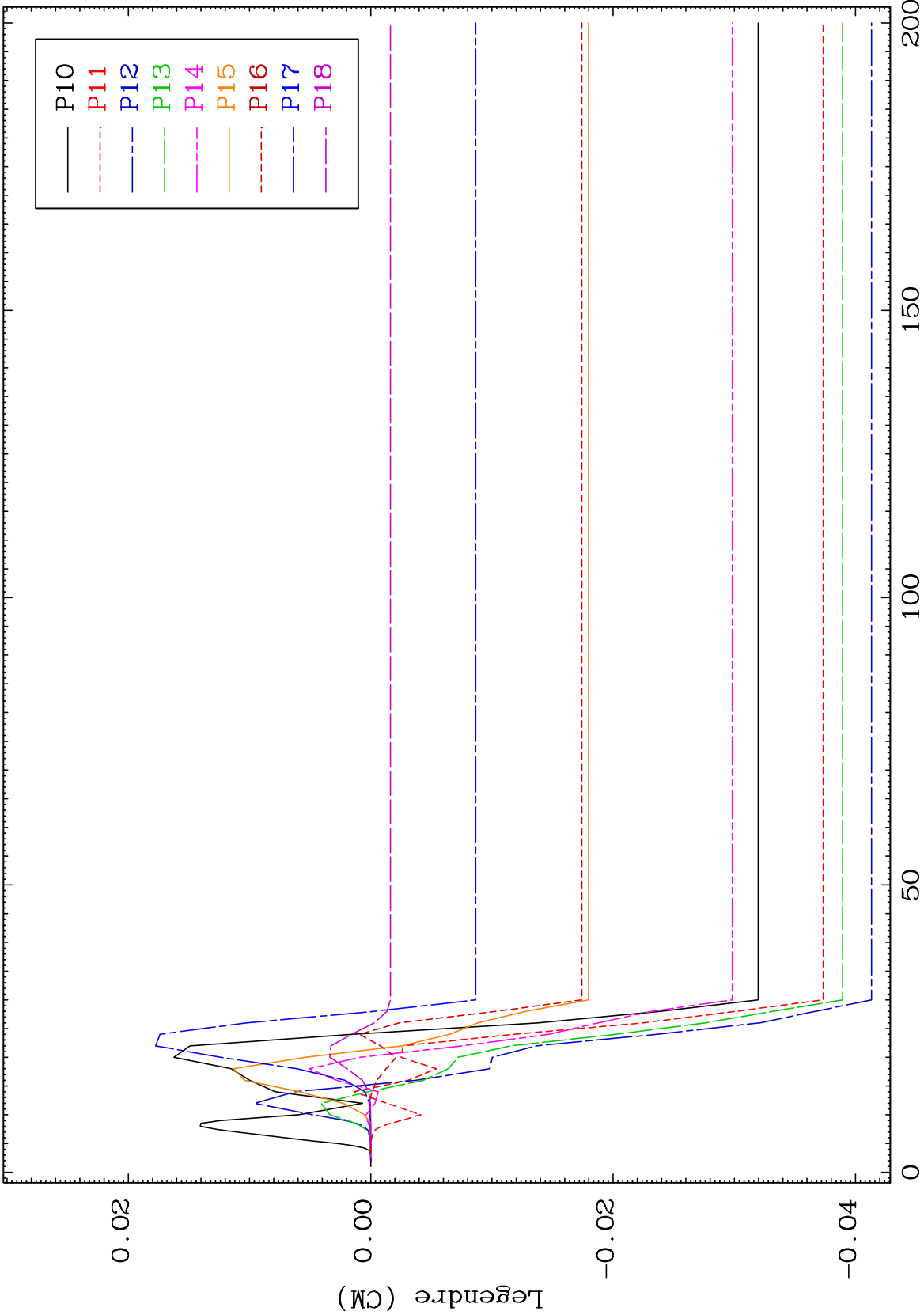
68-Er-171



28

Incident Energy (MeV)

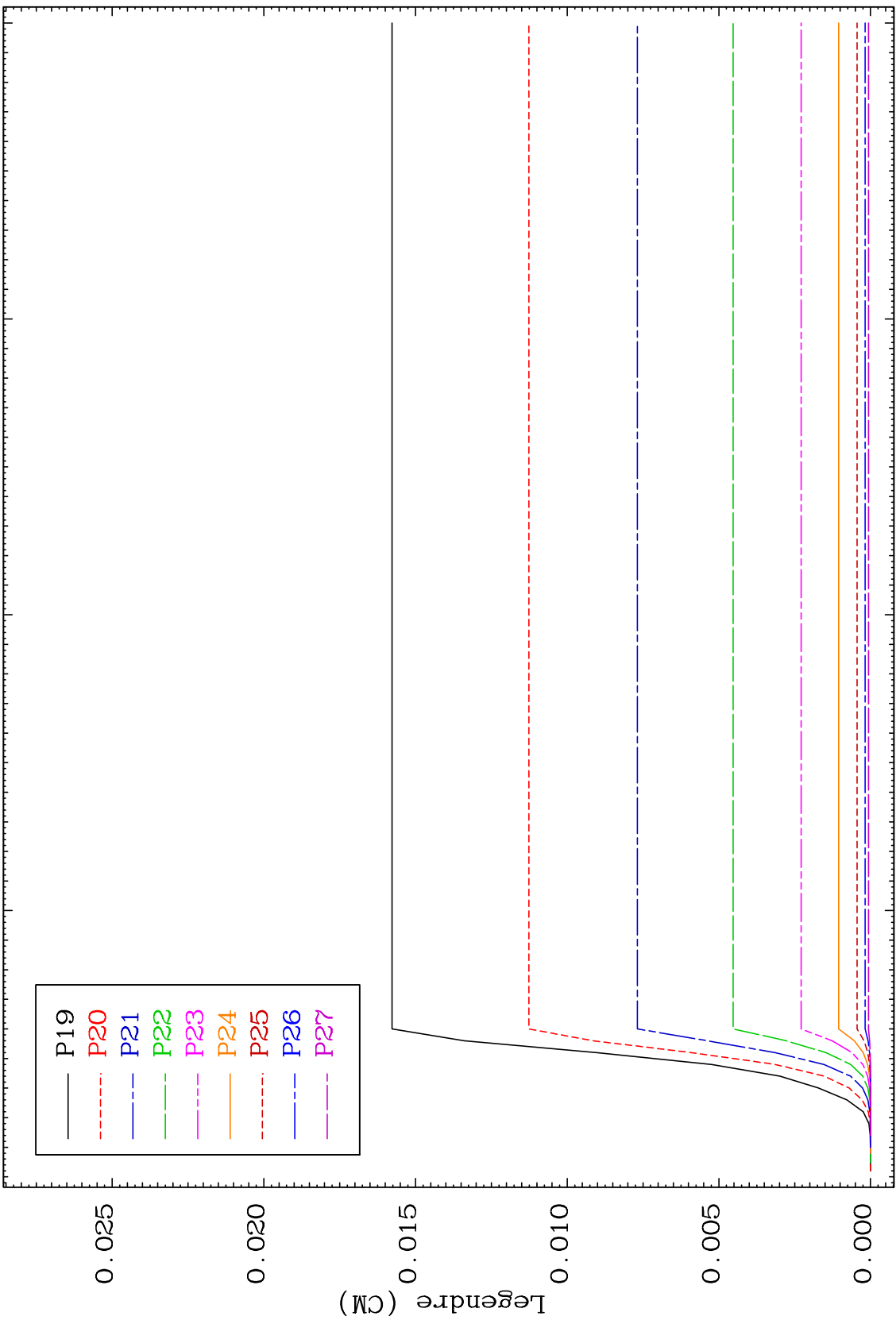
68-Er-171



MAT 6852

198.6 keV (n,n') Level
Legendre Coefficients

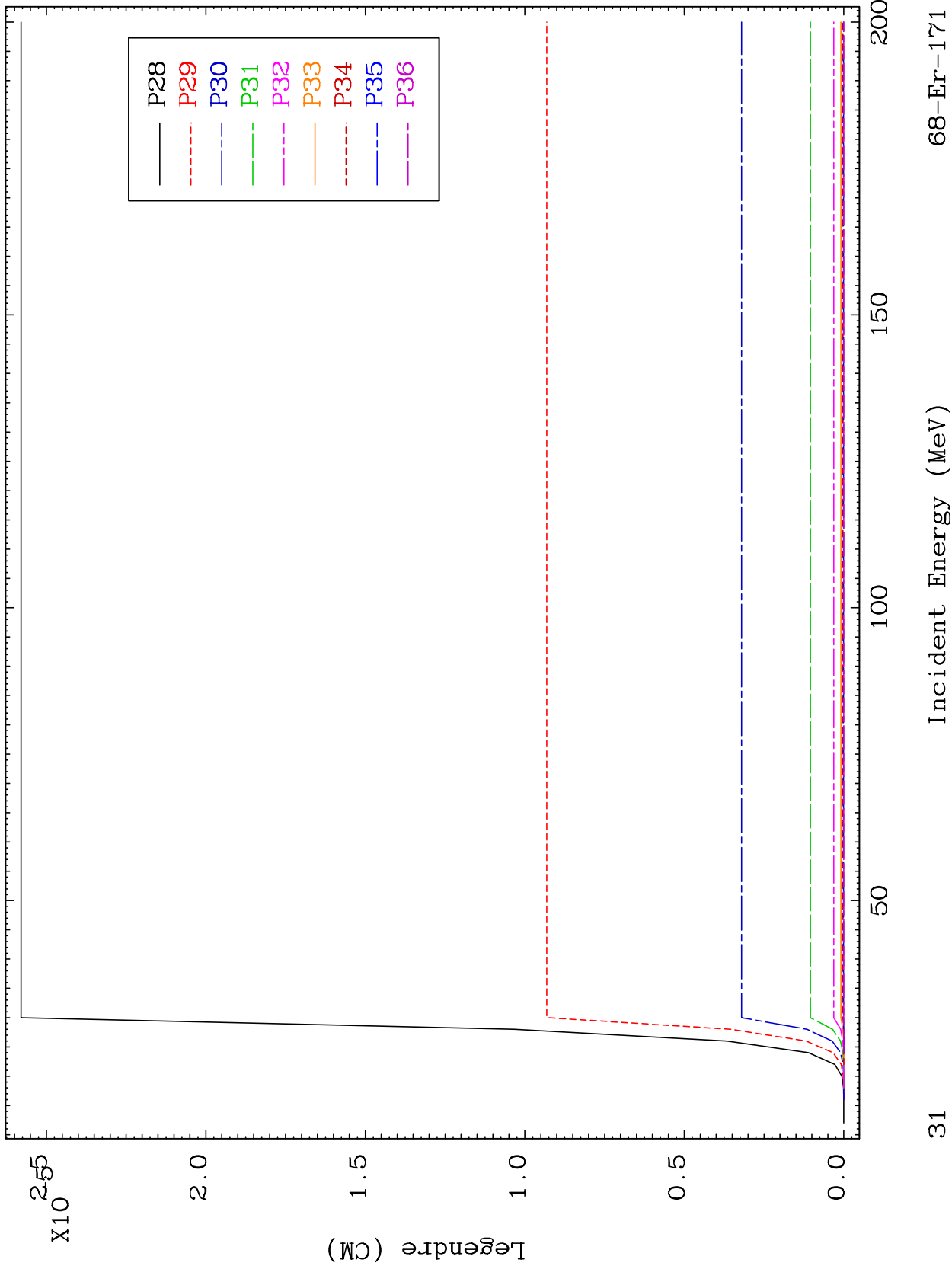
68-Er-171



30

Incident Energy (MeV)

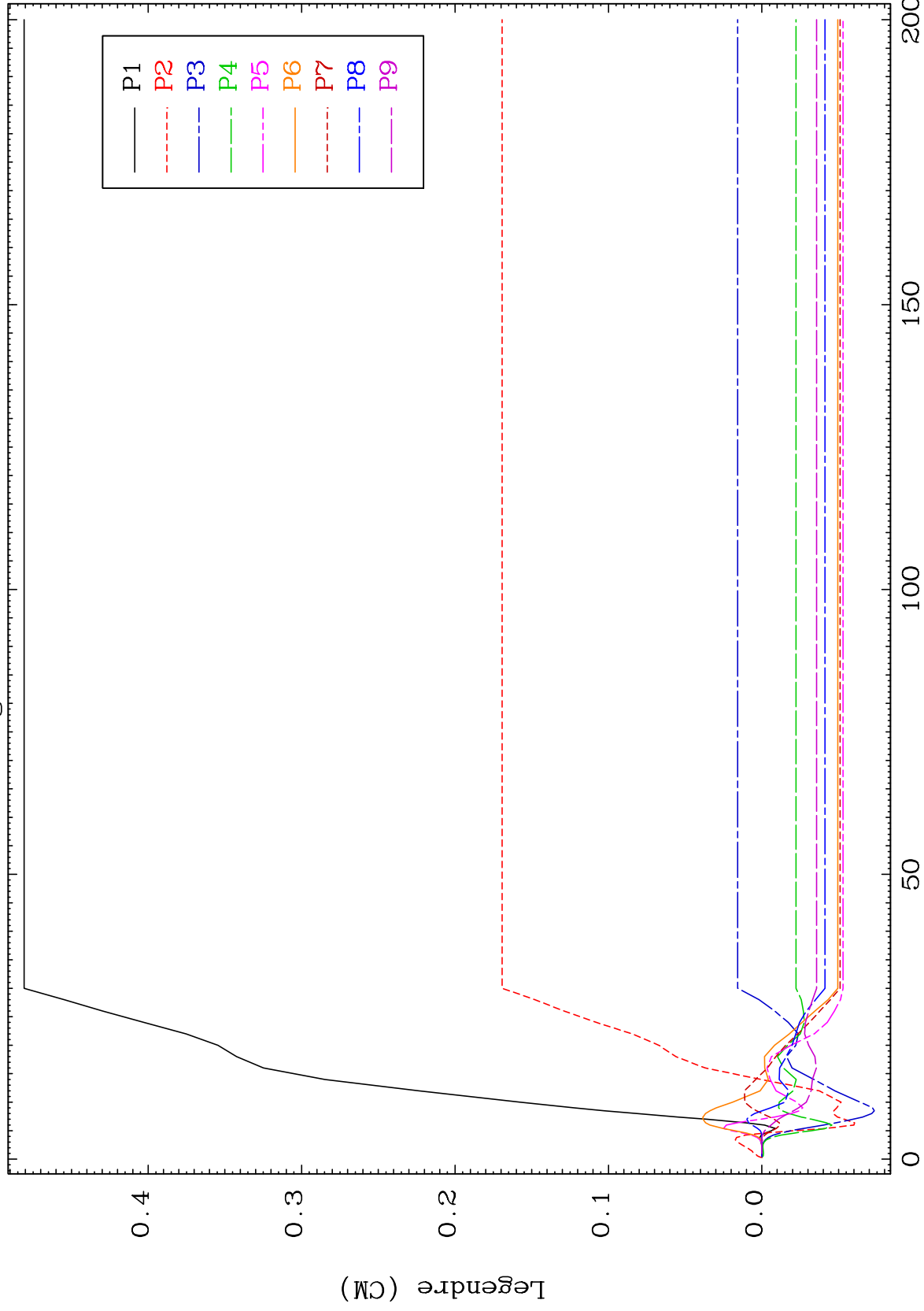
68-Er-171



MAT 6852

256.9 keV (n,n') Level
Legendre Coefficients

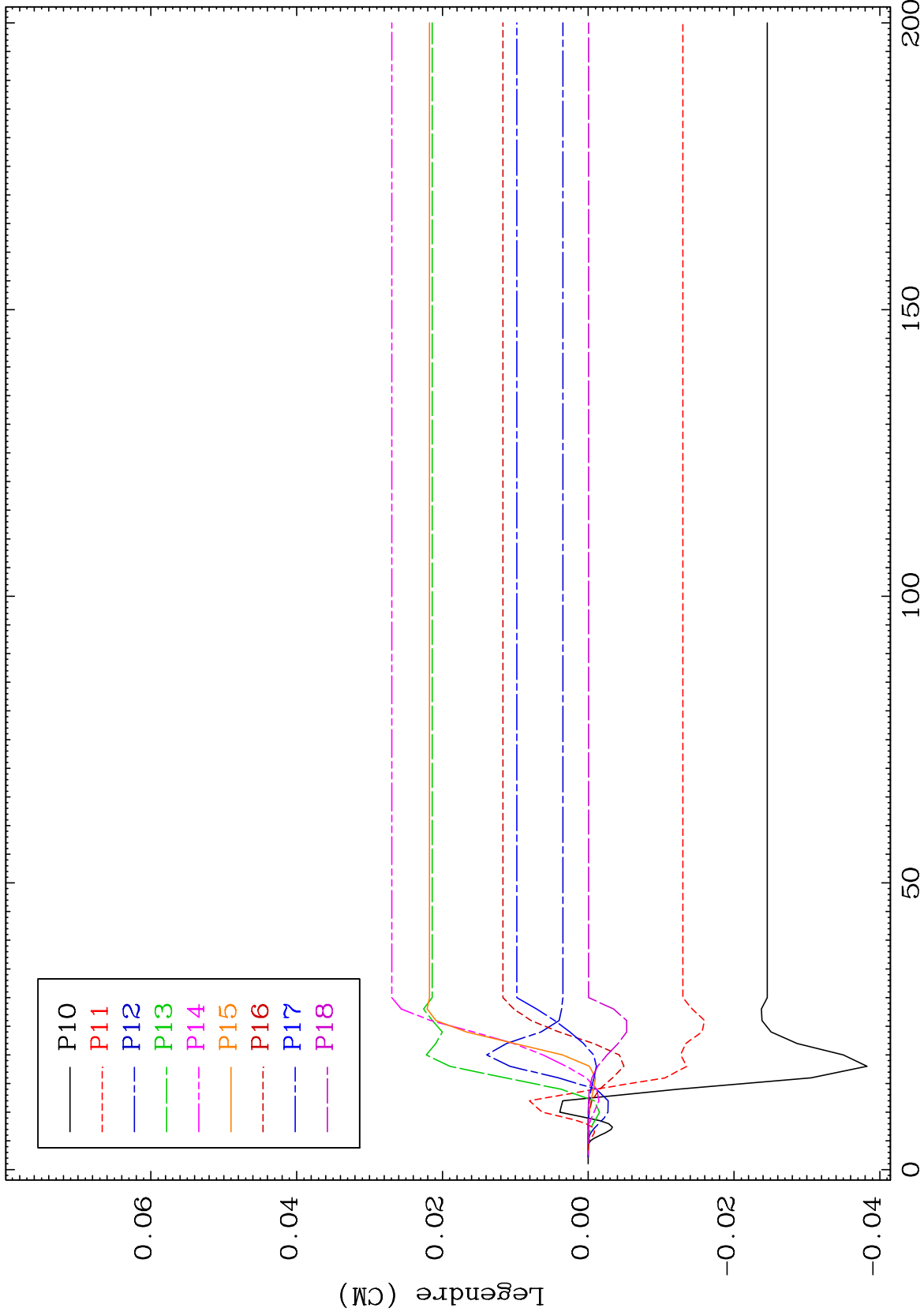
68-Er-171

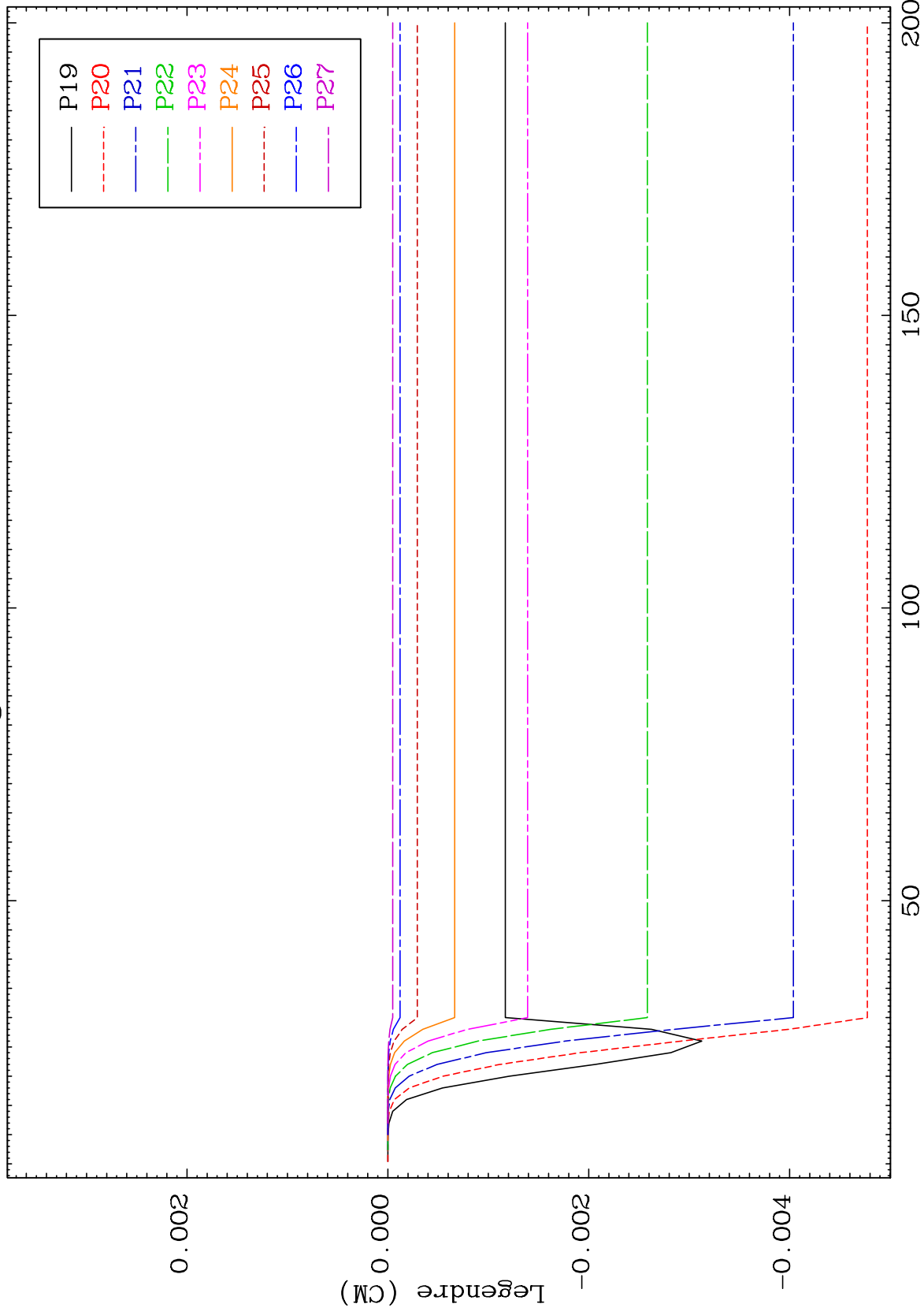


32

Incident Energy (MeV)

68-Er-171

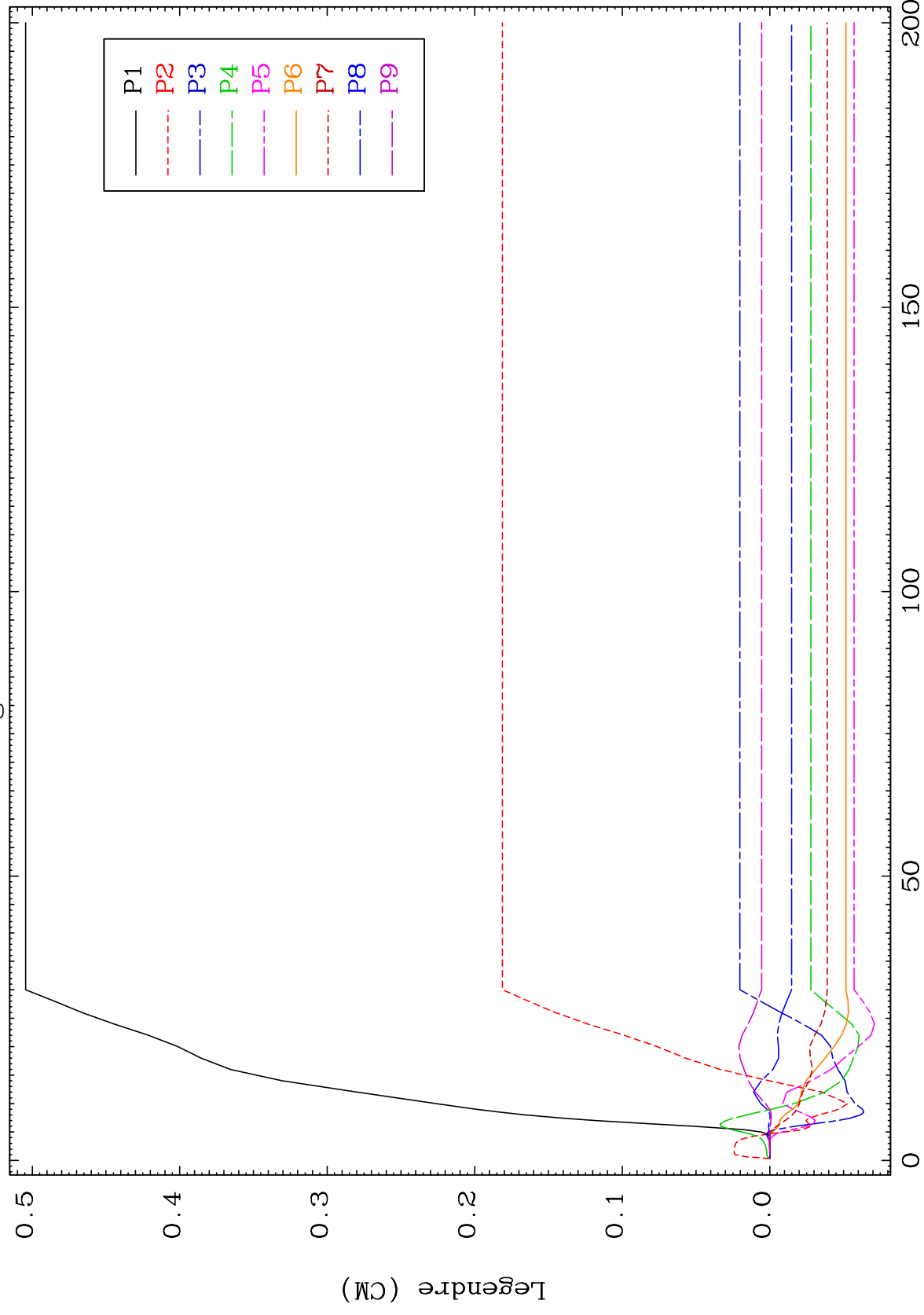




MAT 6852

278.9 keV (n,n') Level
Legendre Coefficients

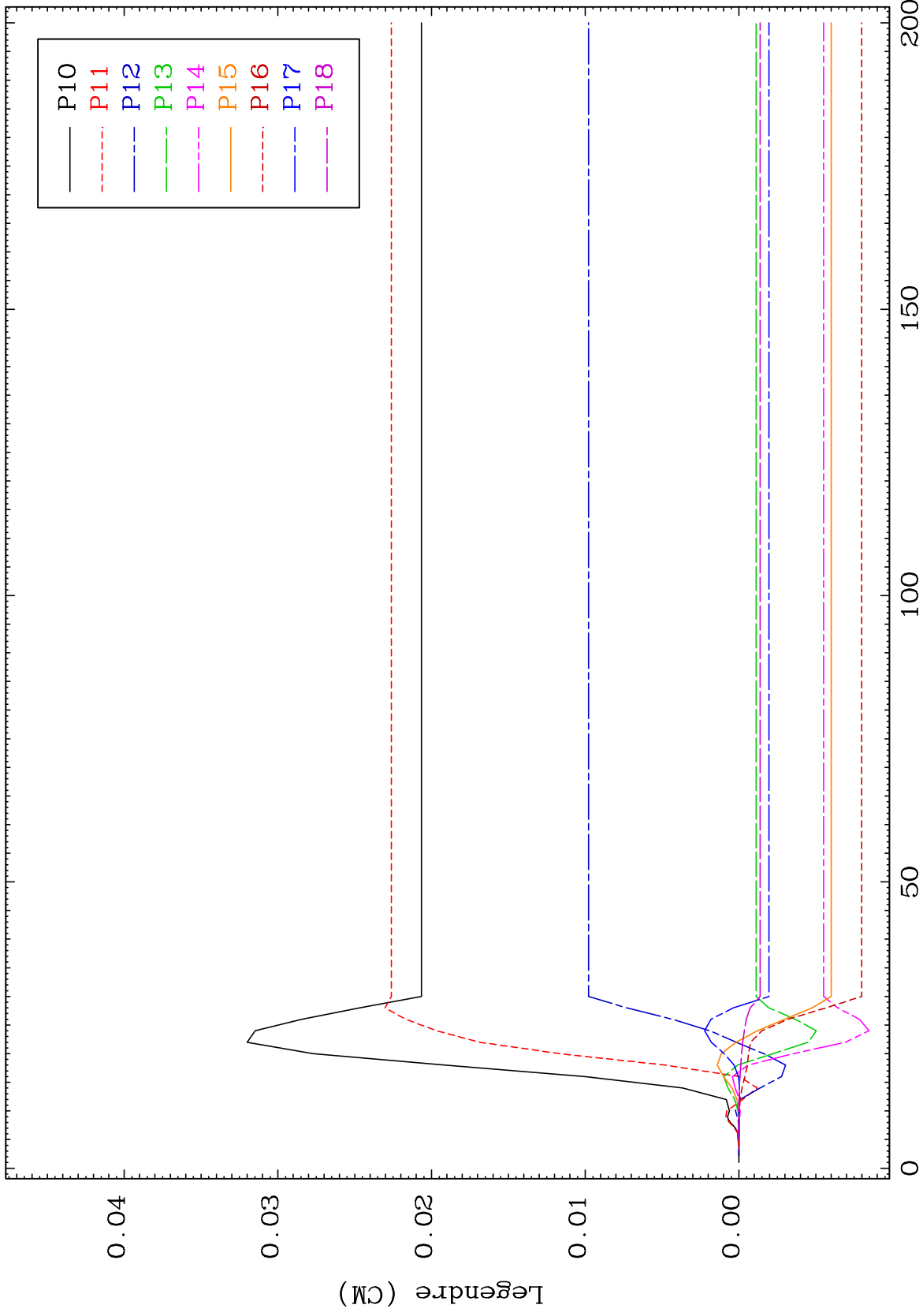
68-Er-171

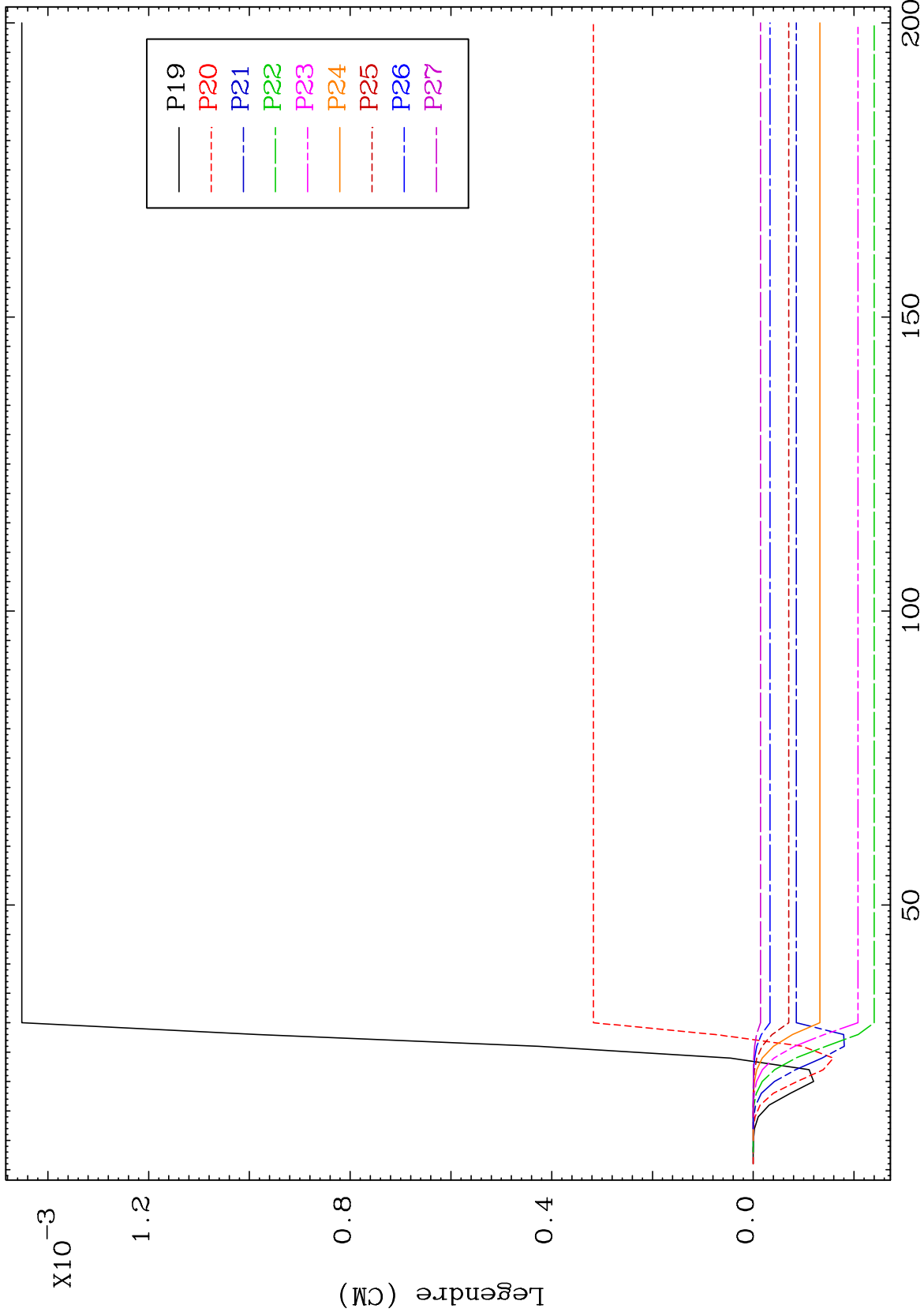


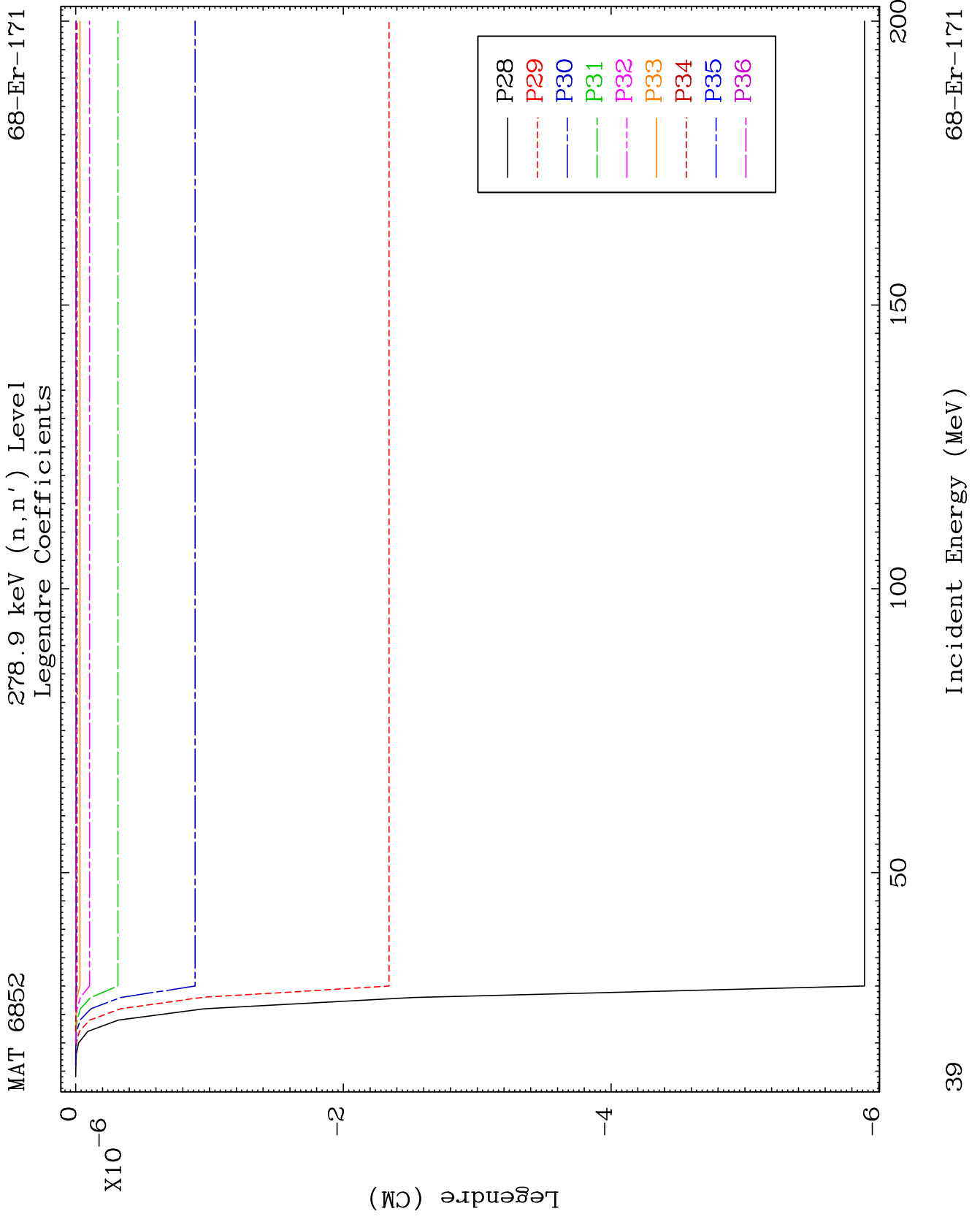
68-Er-171

Incident Energy (MeV)

36



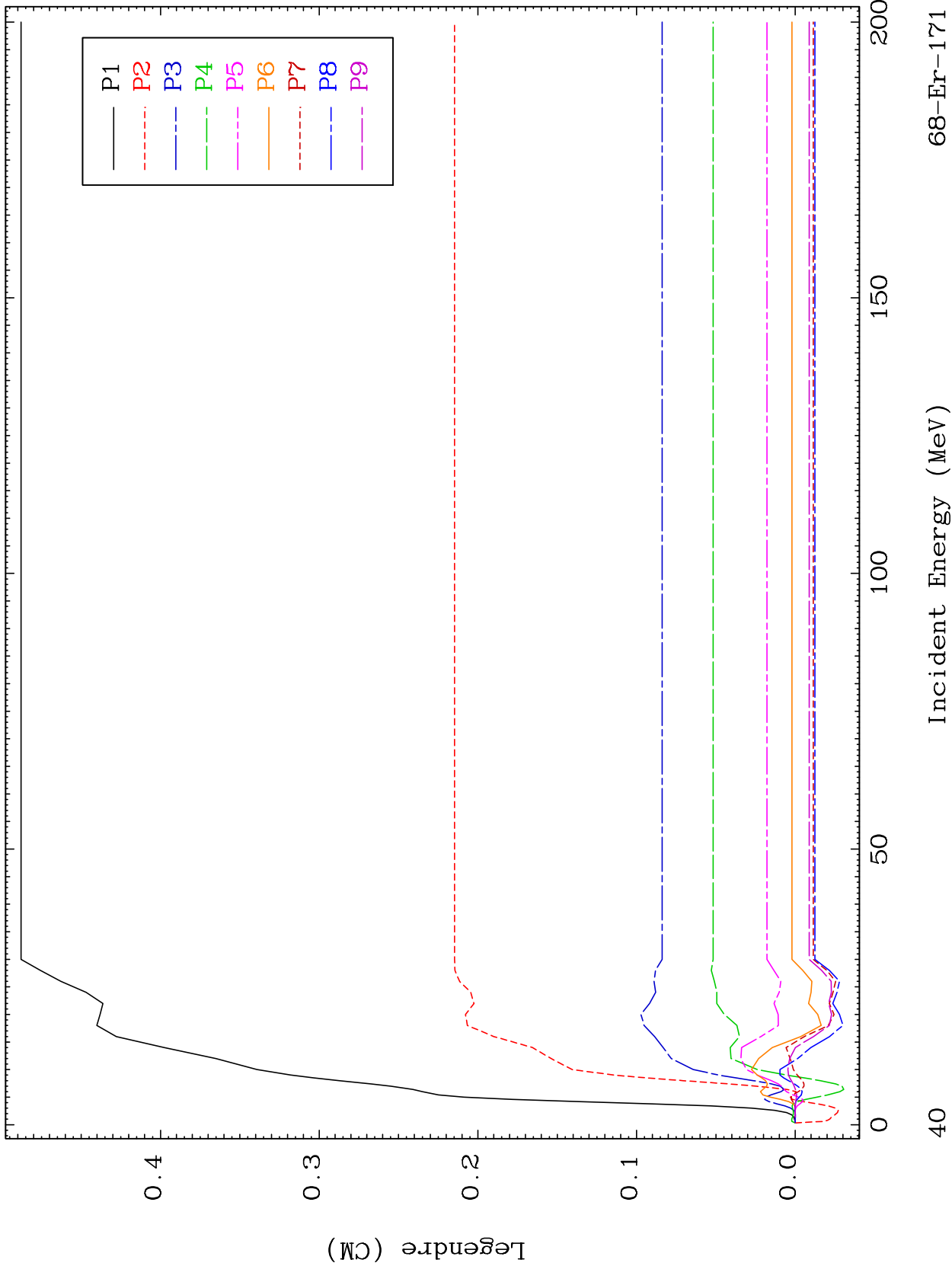




MAT 6852

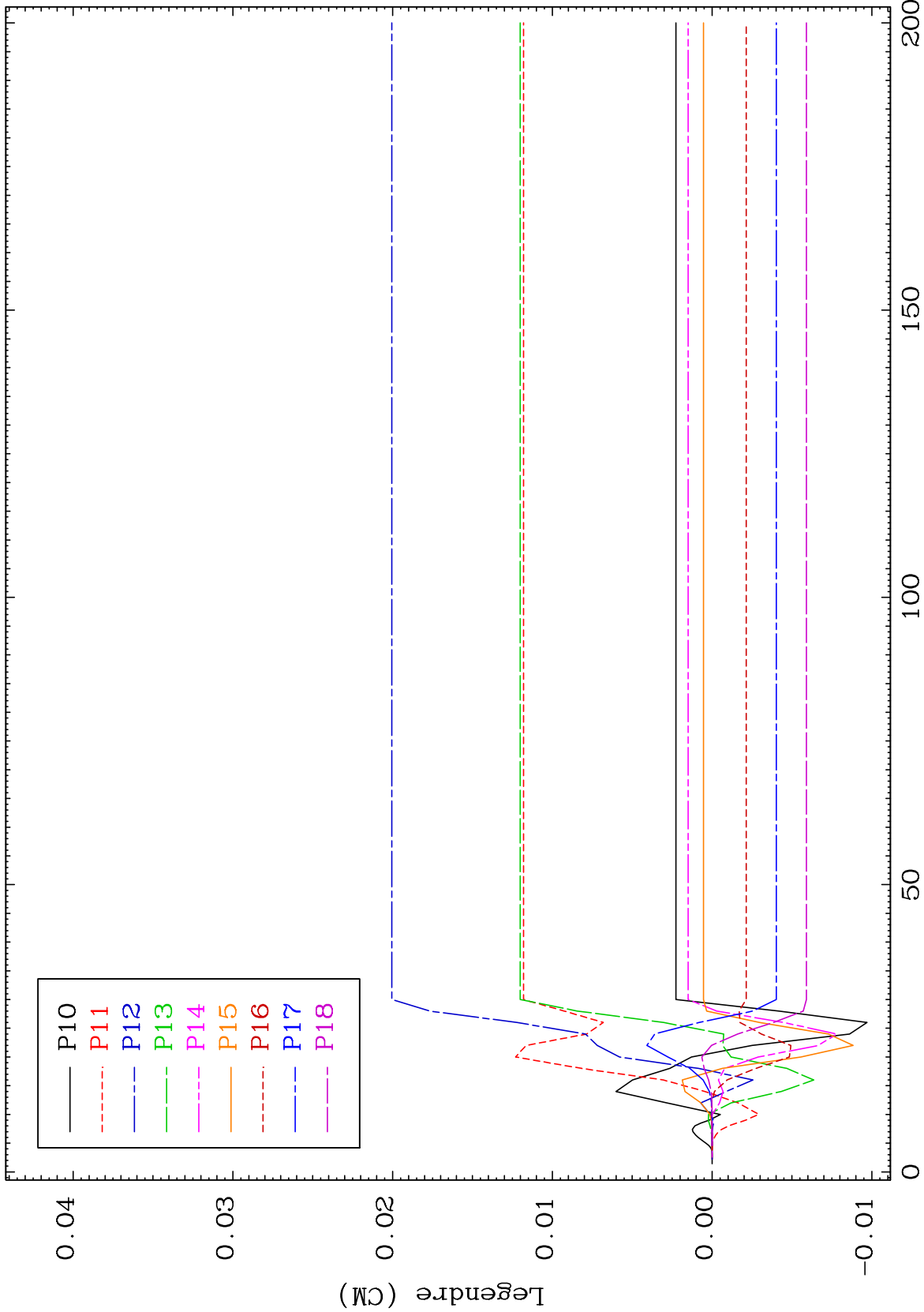
304.0 keV (n,n') Level
Legendre Coefficients

68-Er-171



68-Er-171

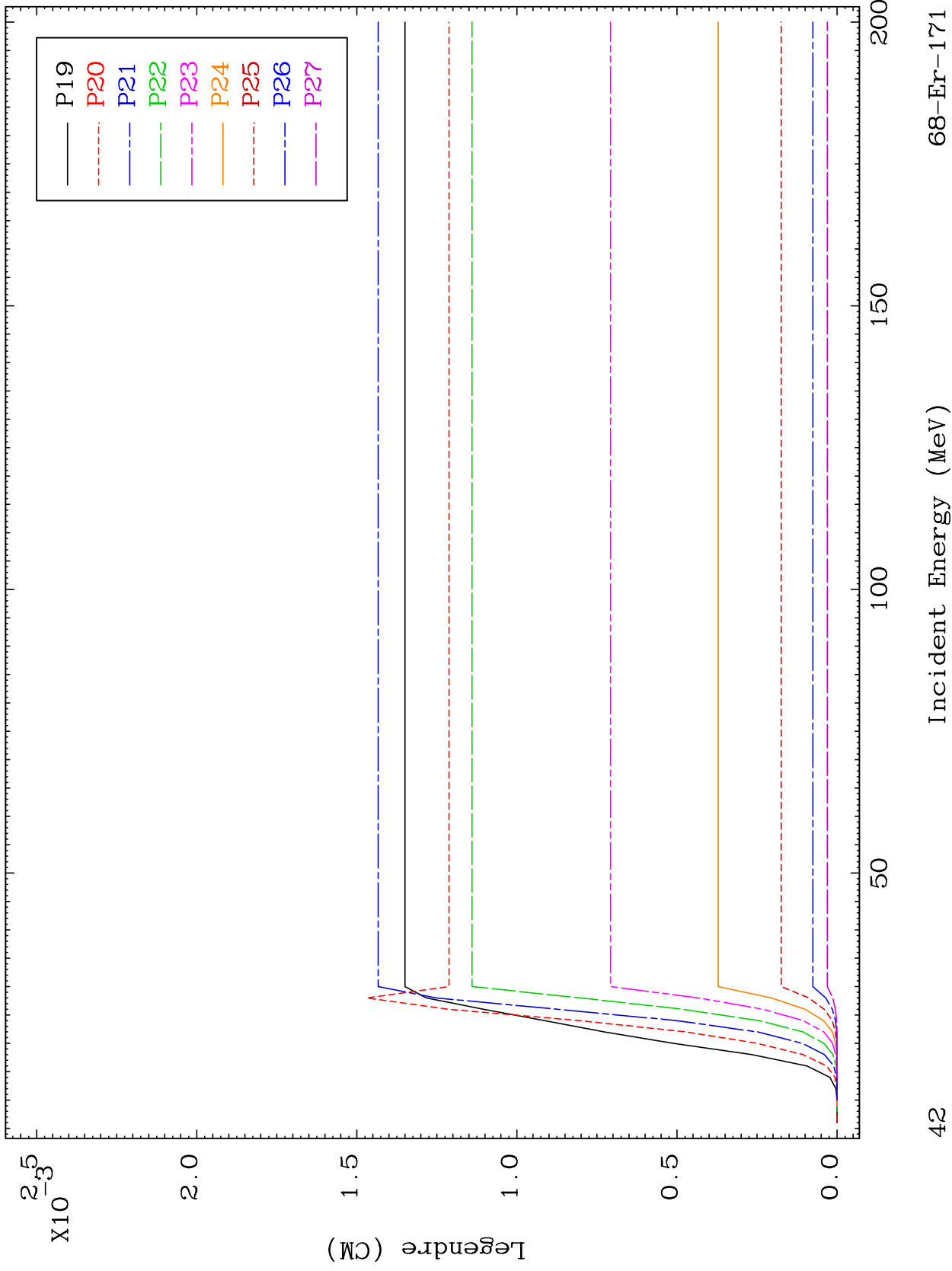
Incident Energy (MeV)



MAT 6852

304.0 keV (n,n') Level
Legendre Coefficients

68-Er-171



42

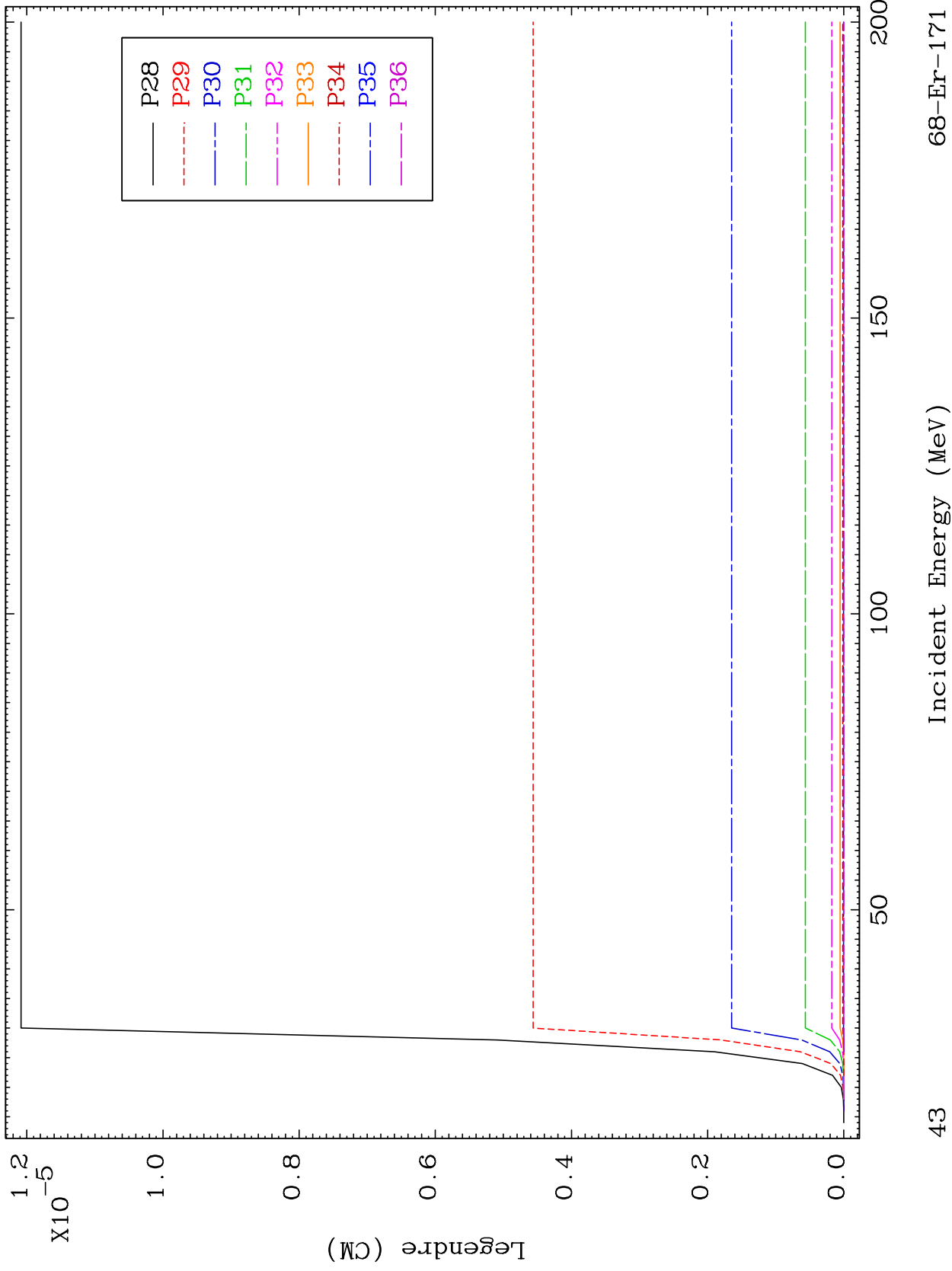
Incident Energy (MeV)

68-Er-171

MAT 6852

304.0 keV (n,n') Level
Legendre Coefficients

68-Er-171



43

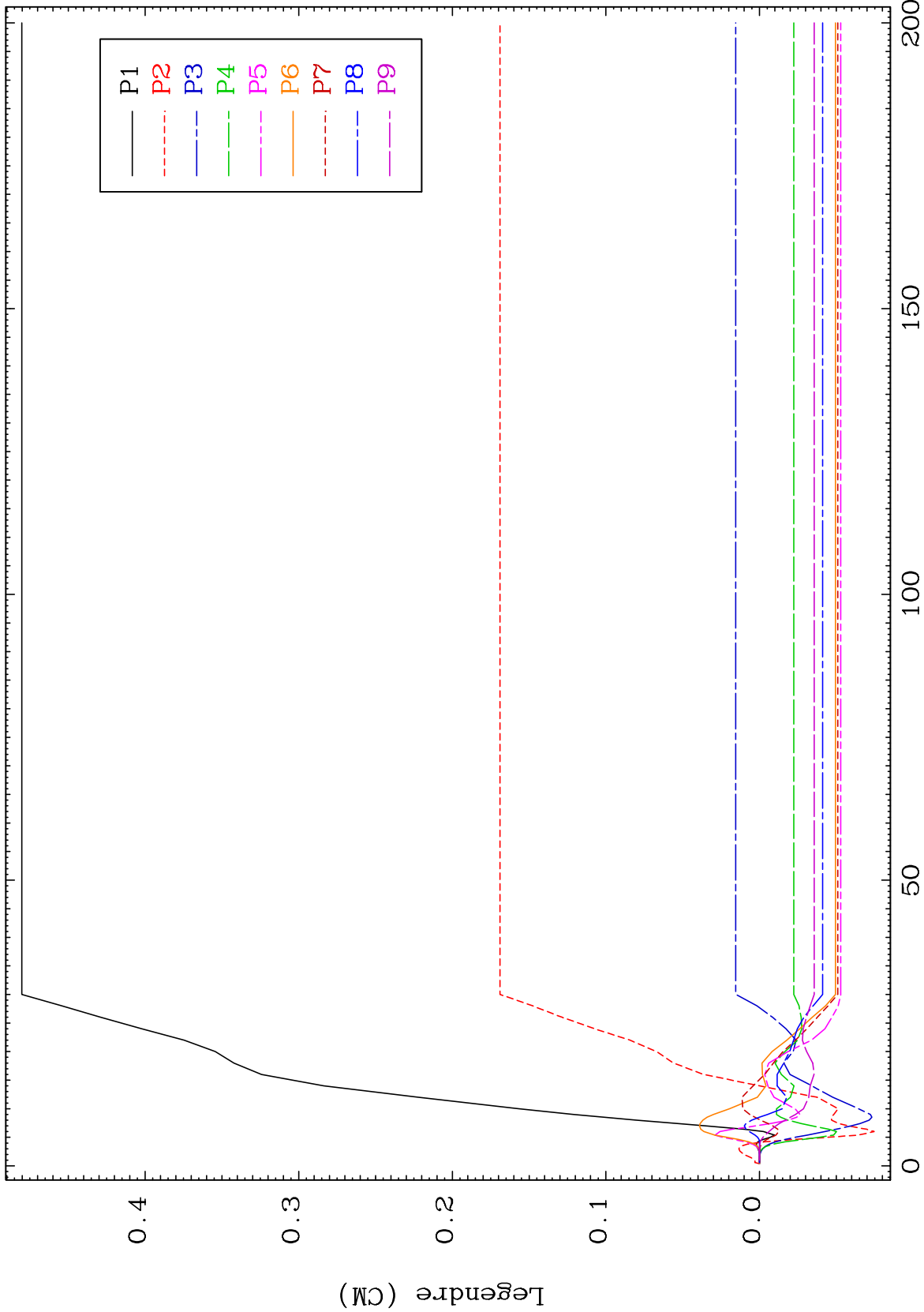
Incident Energy (MeV)

68-Er-171

MAT 6852

358.3 keV (n,n') Level
Legendre Coefficients

68-Er-171



44

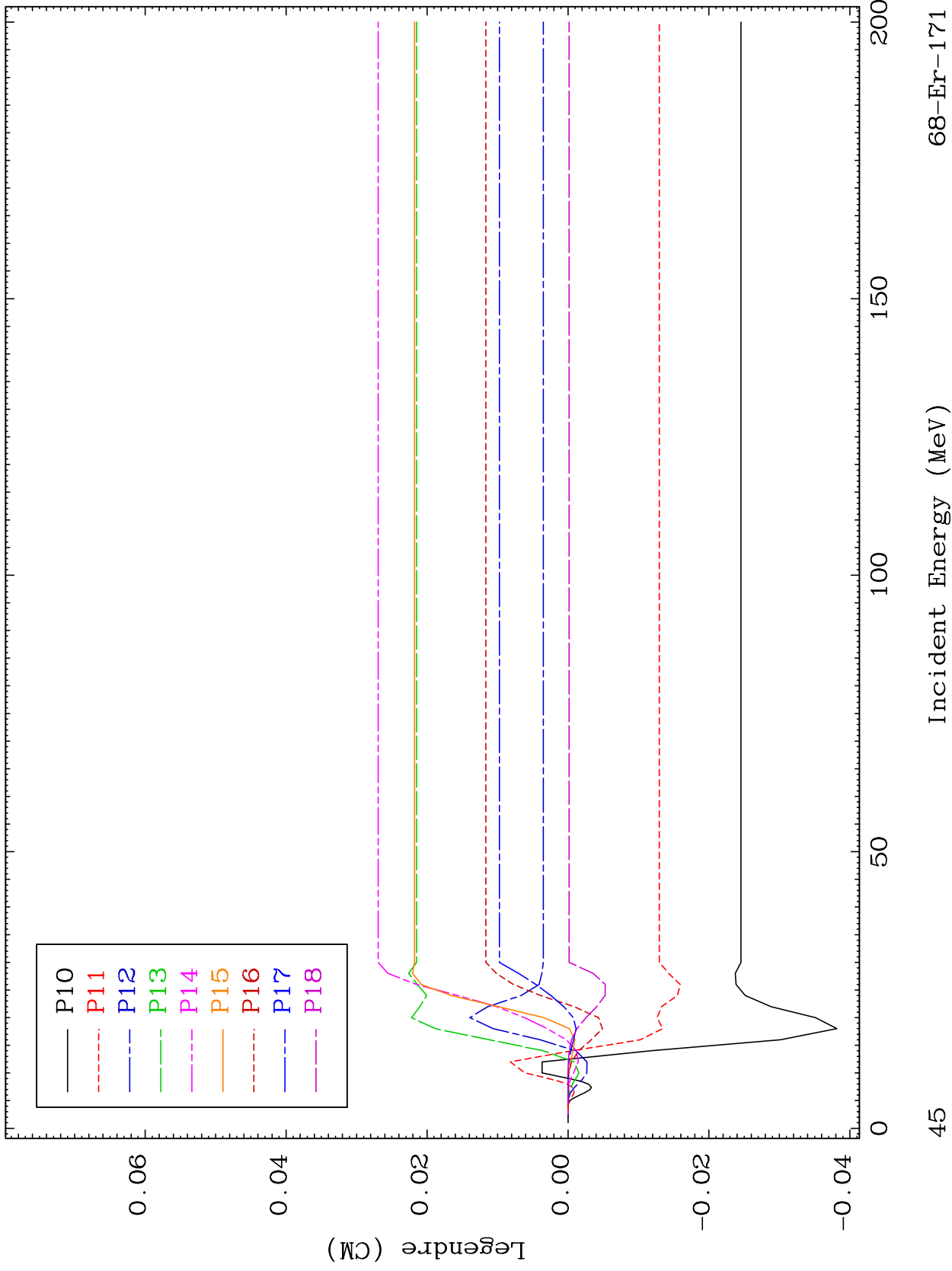
Incident Energy (MeV)

68-Er-171

MAT 6852

358.3 keV (n,n') Level
Legendre Coefficients

68-Er-171



68-Er-171

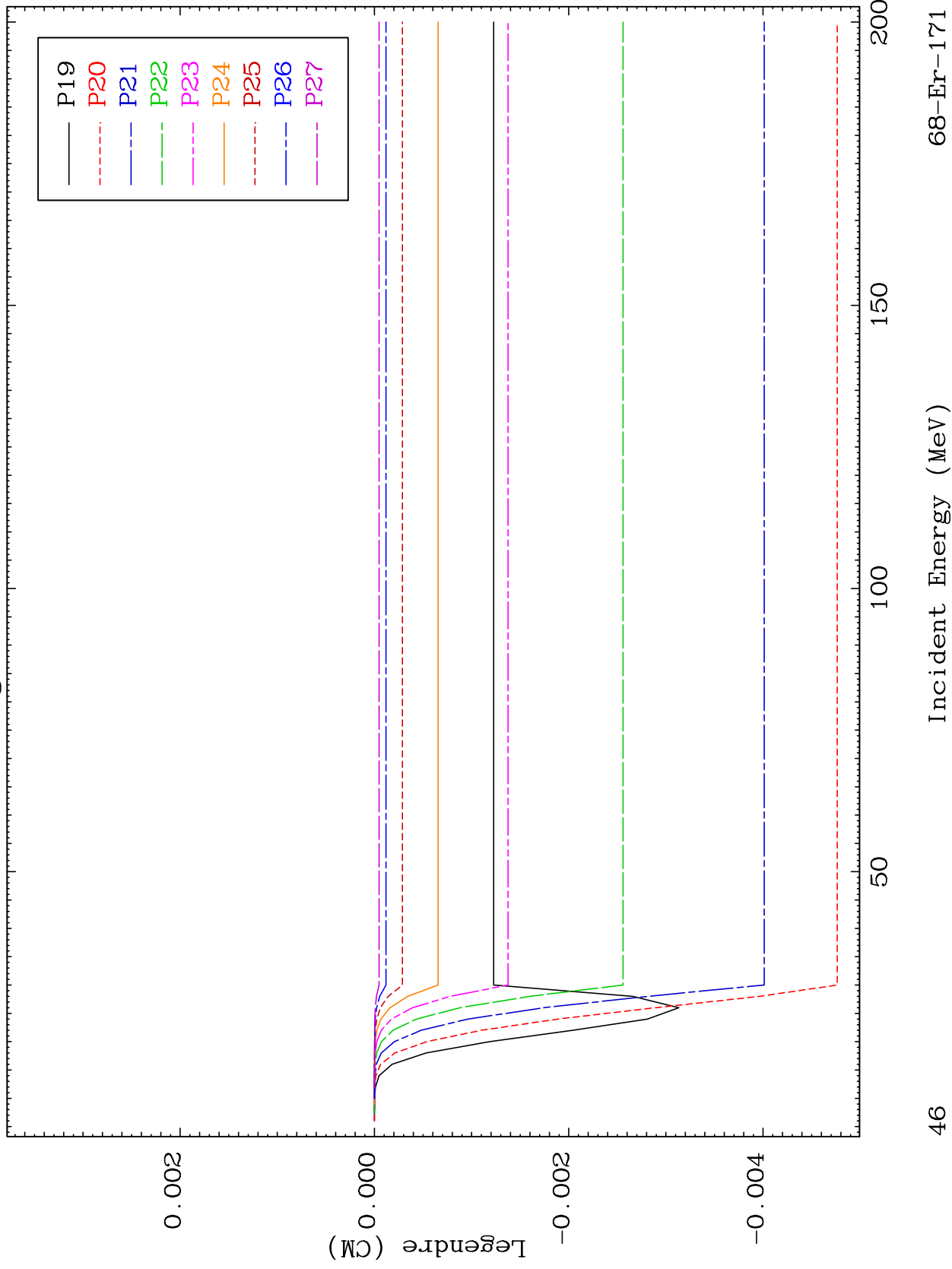
Incident Energy (MeV)

45

MAT 6852

358.3 keV (n,n') Level
Legendre Coefficients

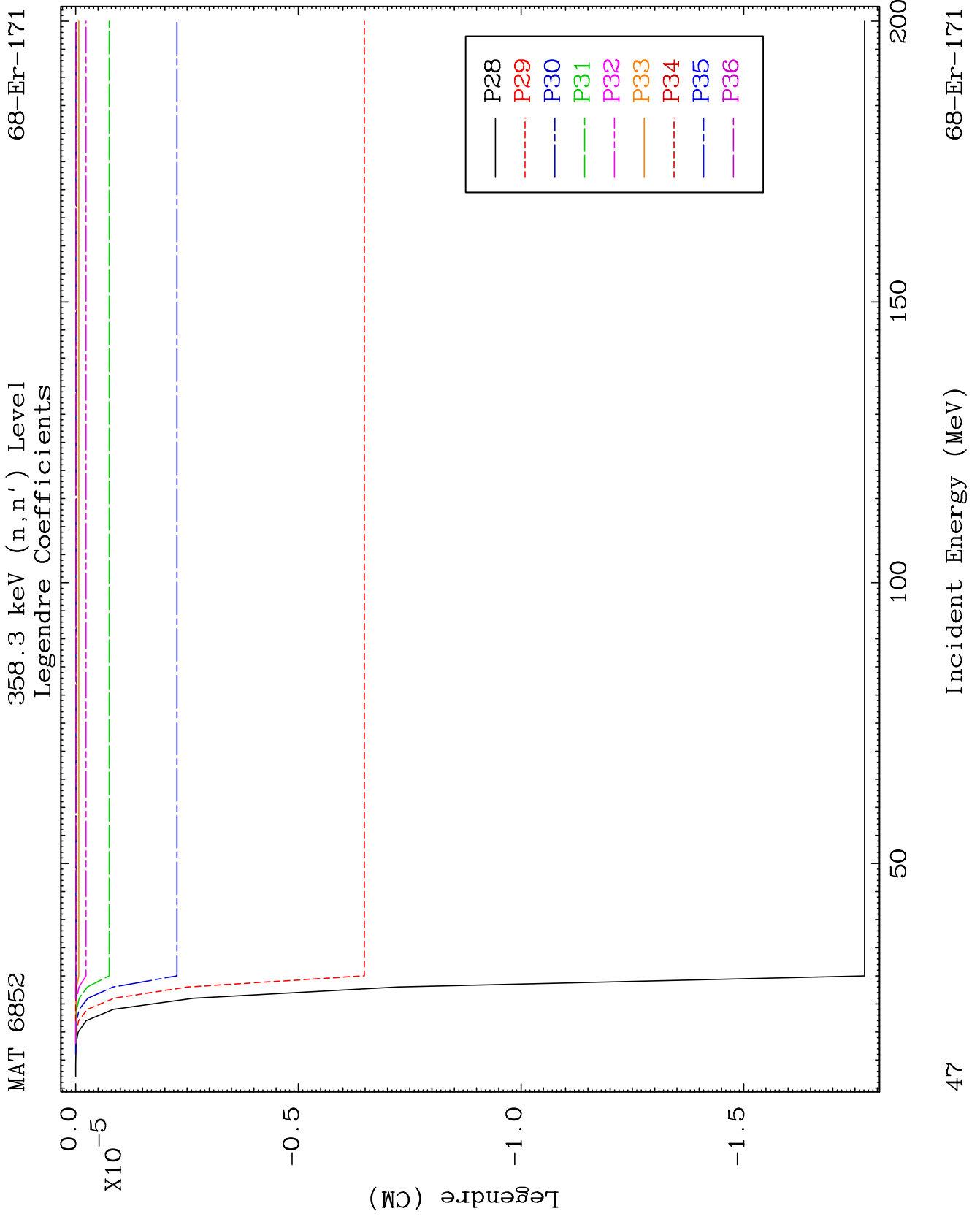
68-Er-171



46

Incident Energy (MeV)

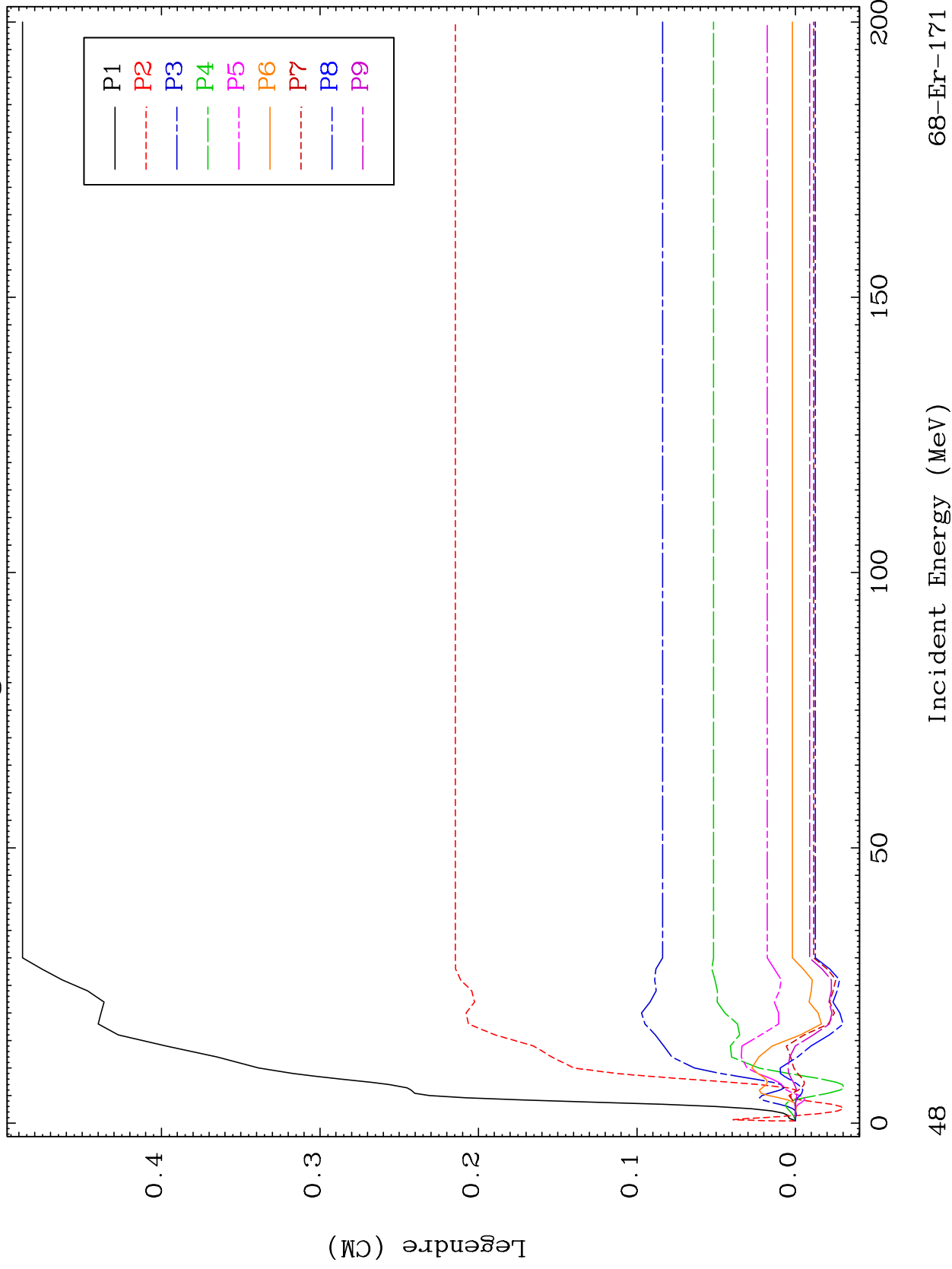
68-Er-171



MAT 6852

378.0 keV (n,n') Level
Legendre Coefficients

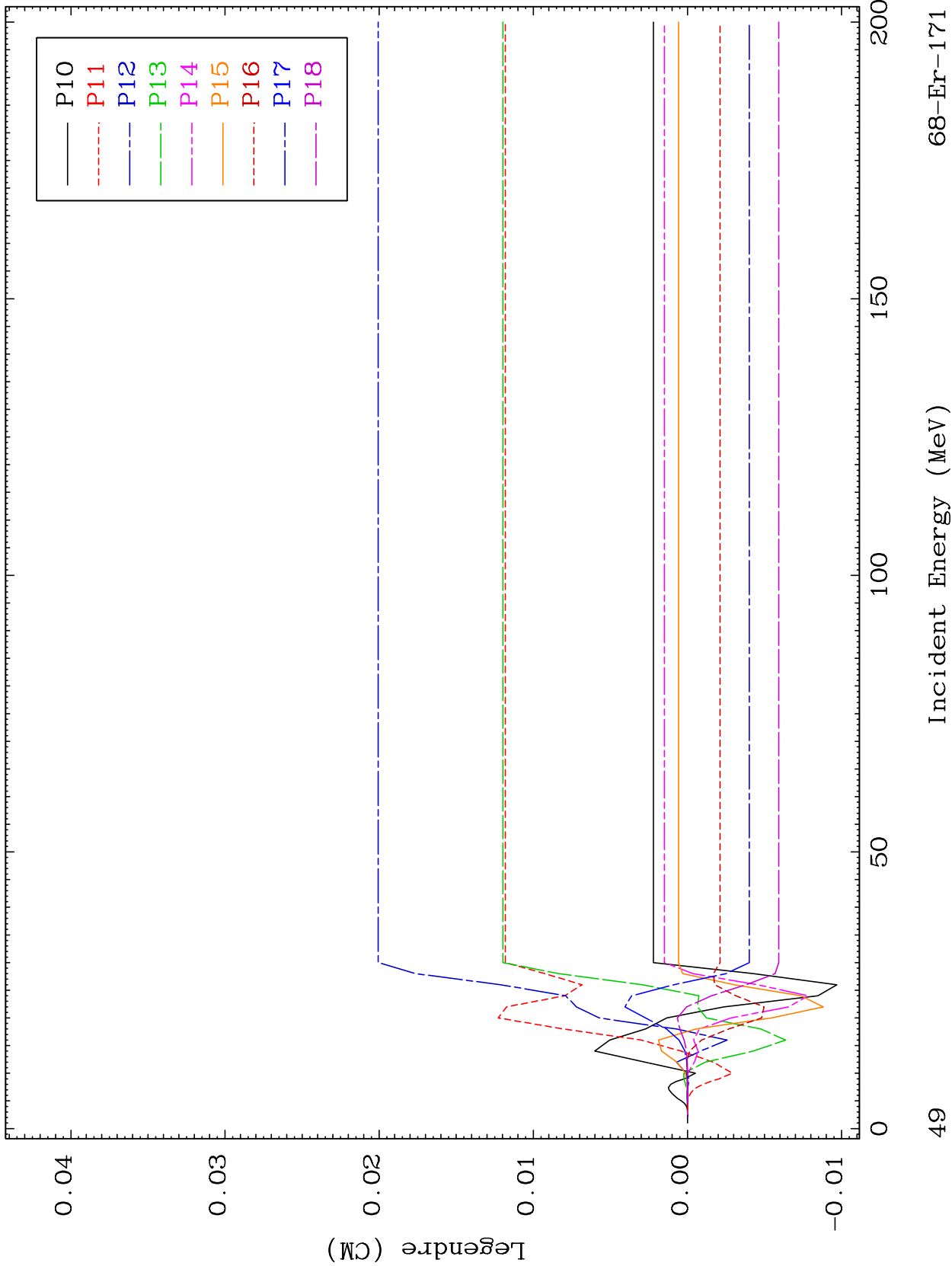
68-Er-171

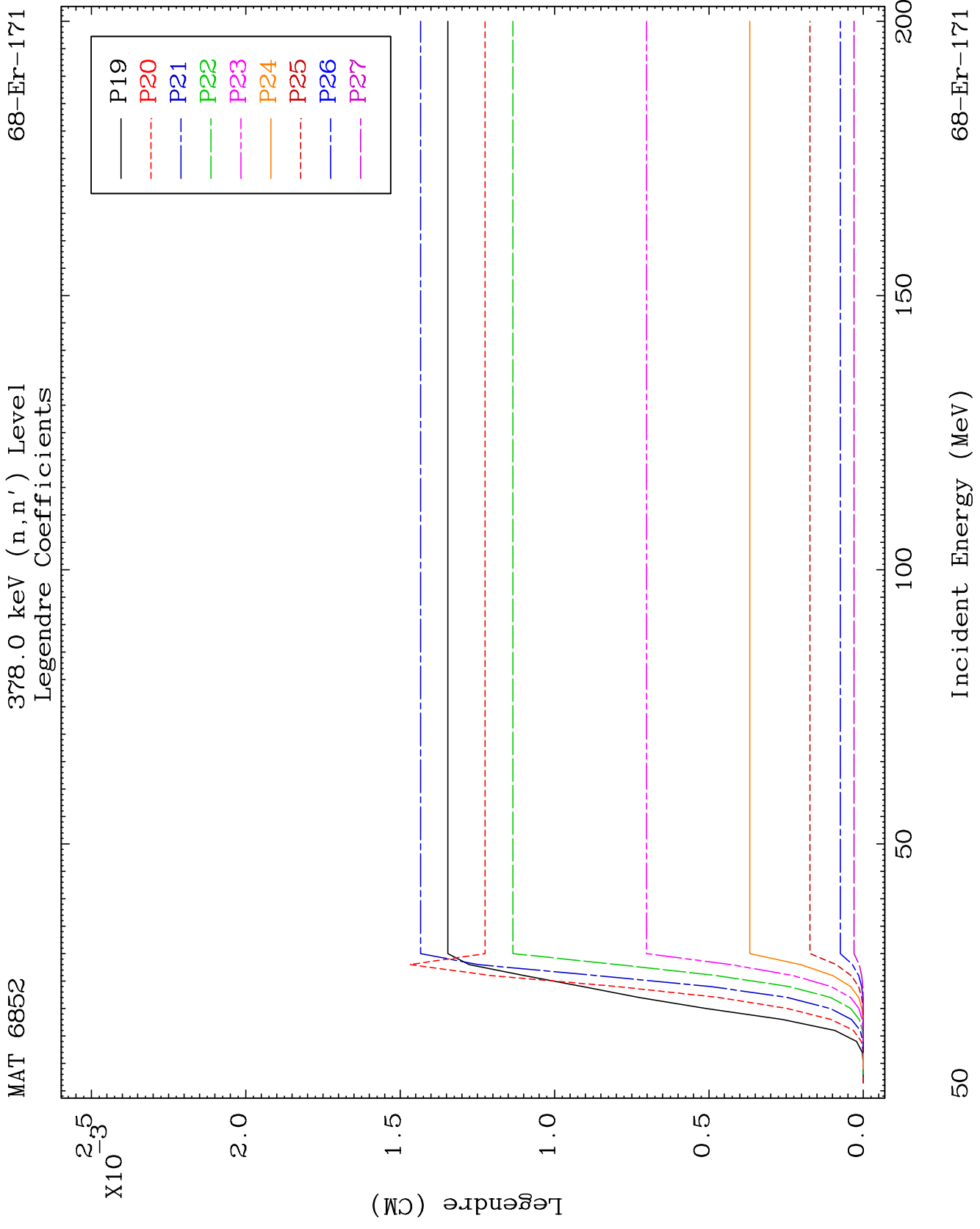


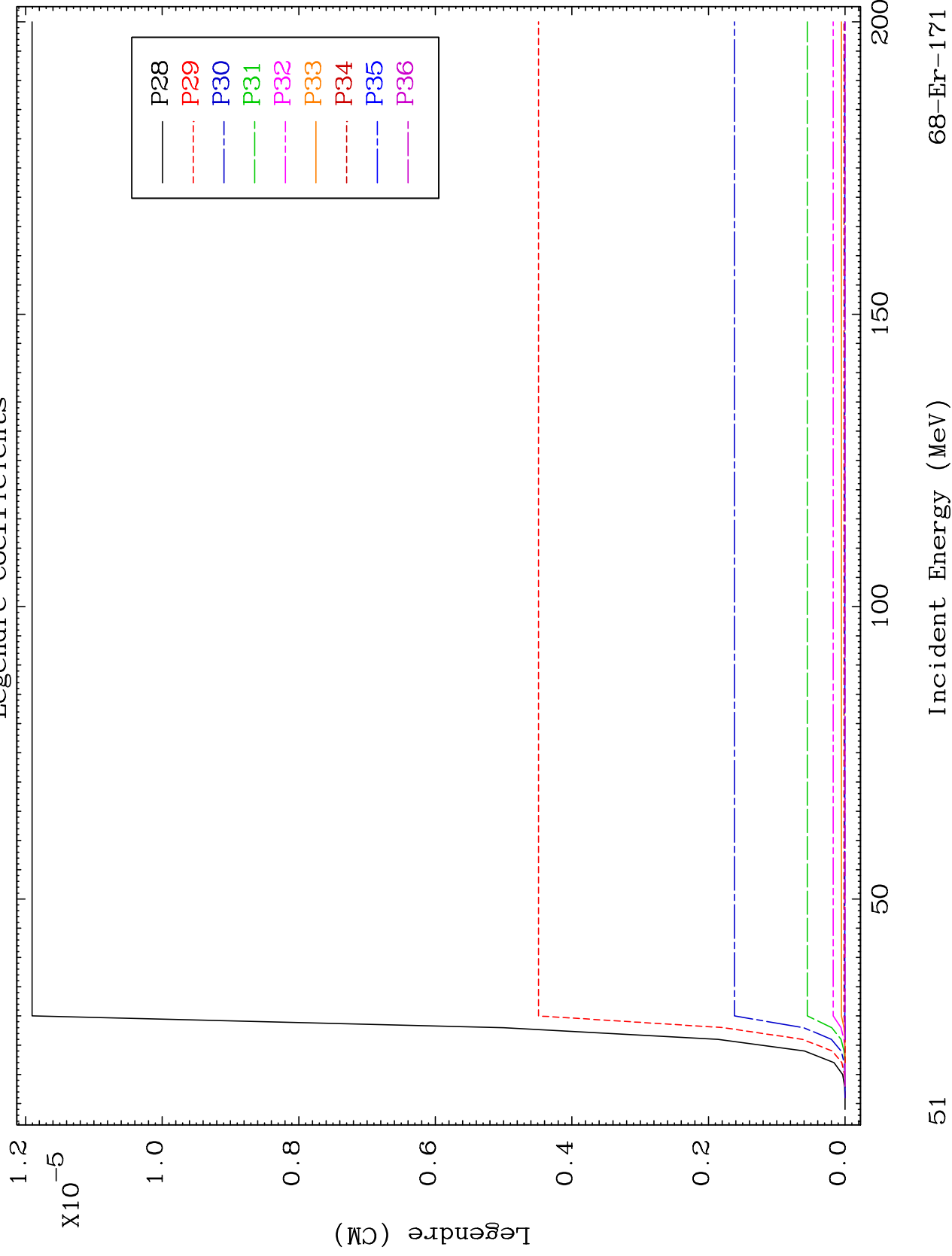
68-Er-171

Incident Energy (MeV)

48



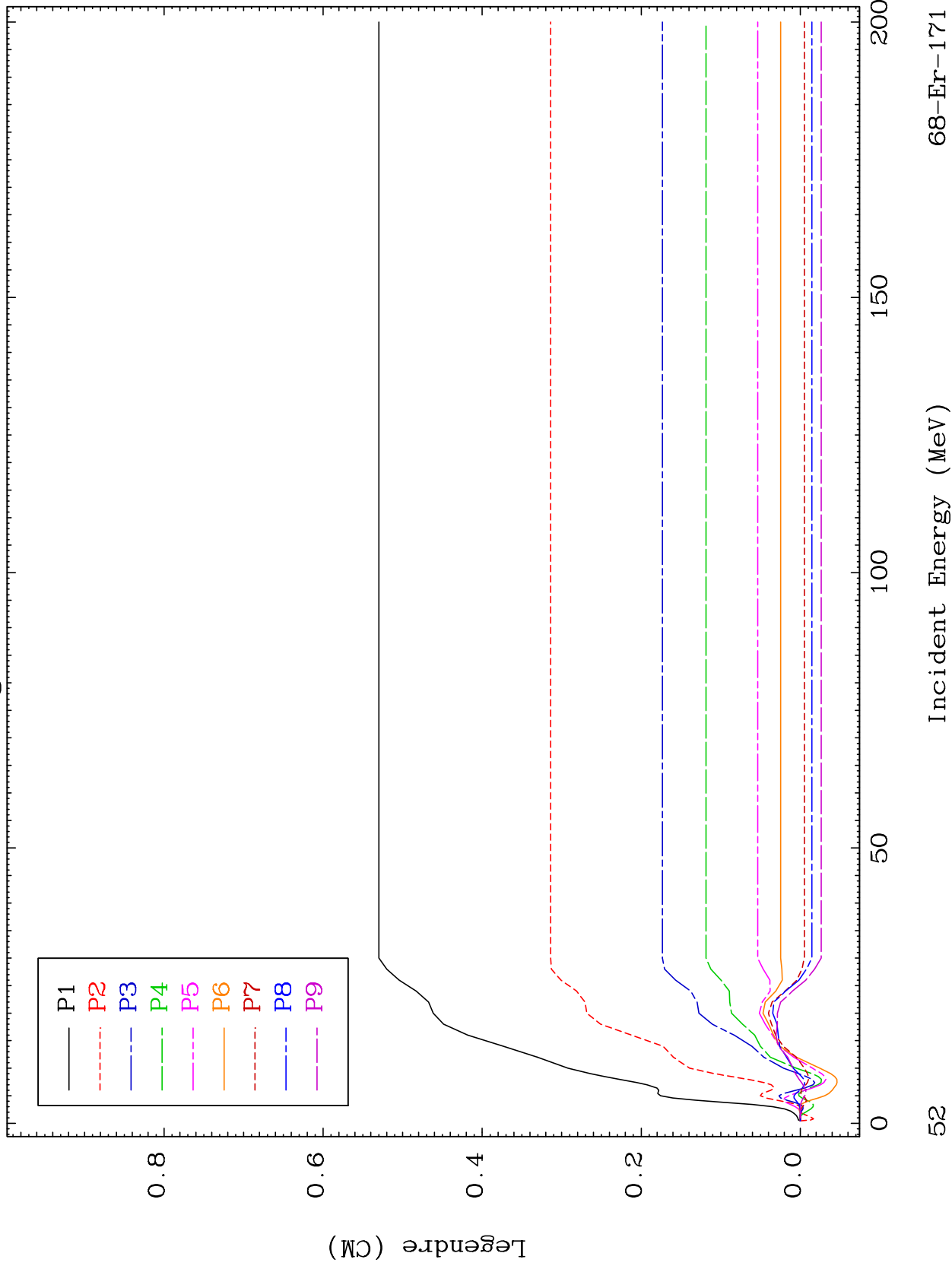




MAT 6852

417.0 keV (n,n') Level
Legendre Coefficients

68-Er-171



68-Er-171

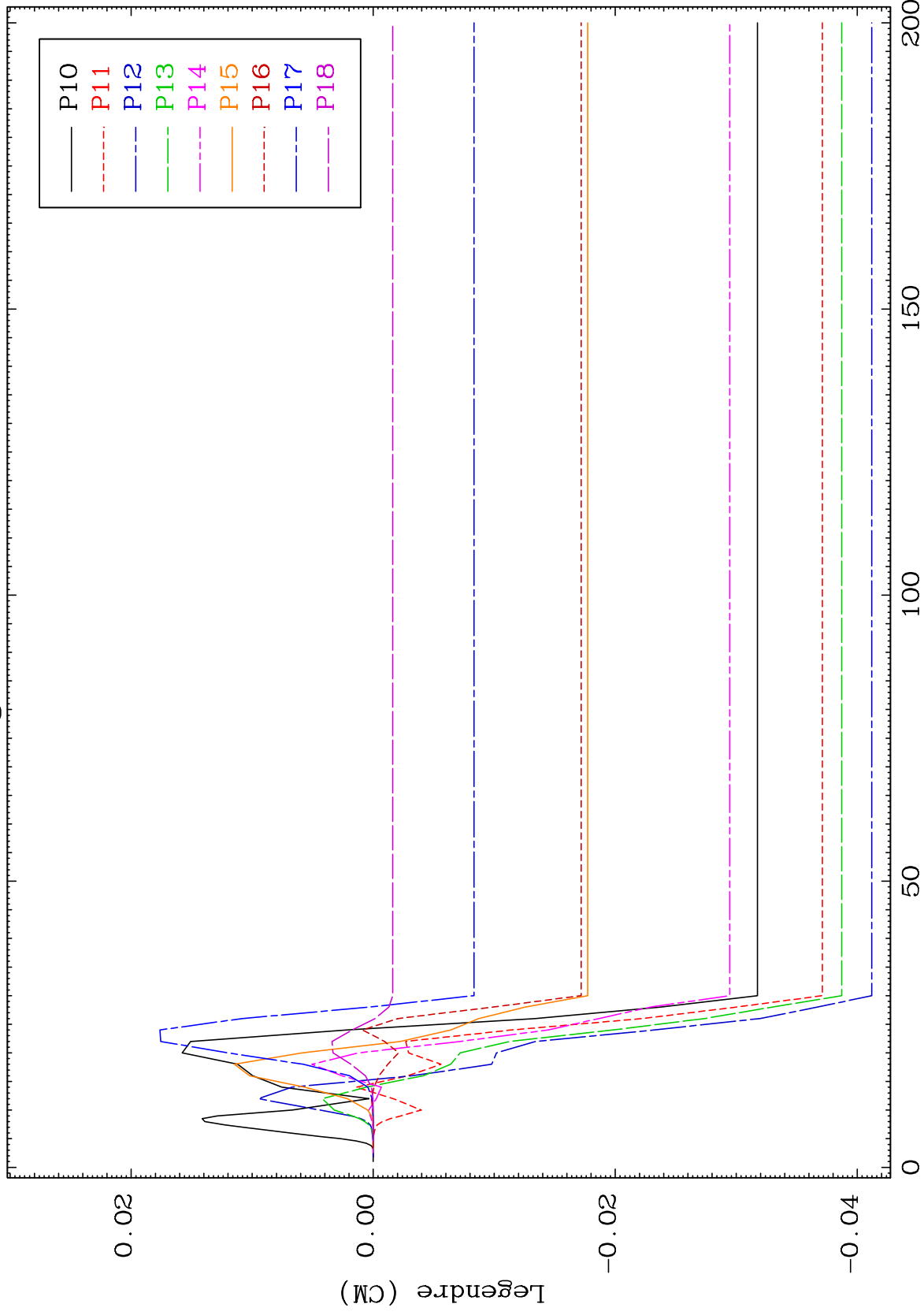
Incident Energy (MeV)

52

MAT 6852

417.0 keV (n,n') Level
Legendre Coefficients

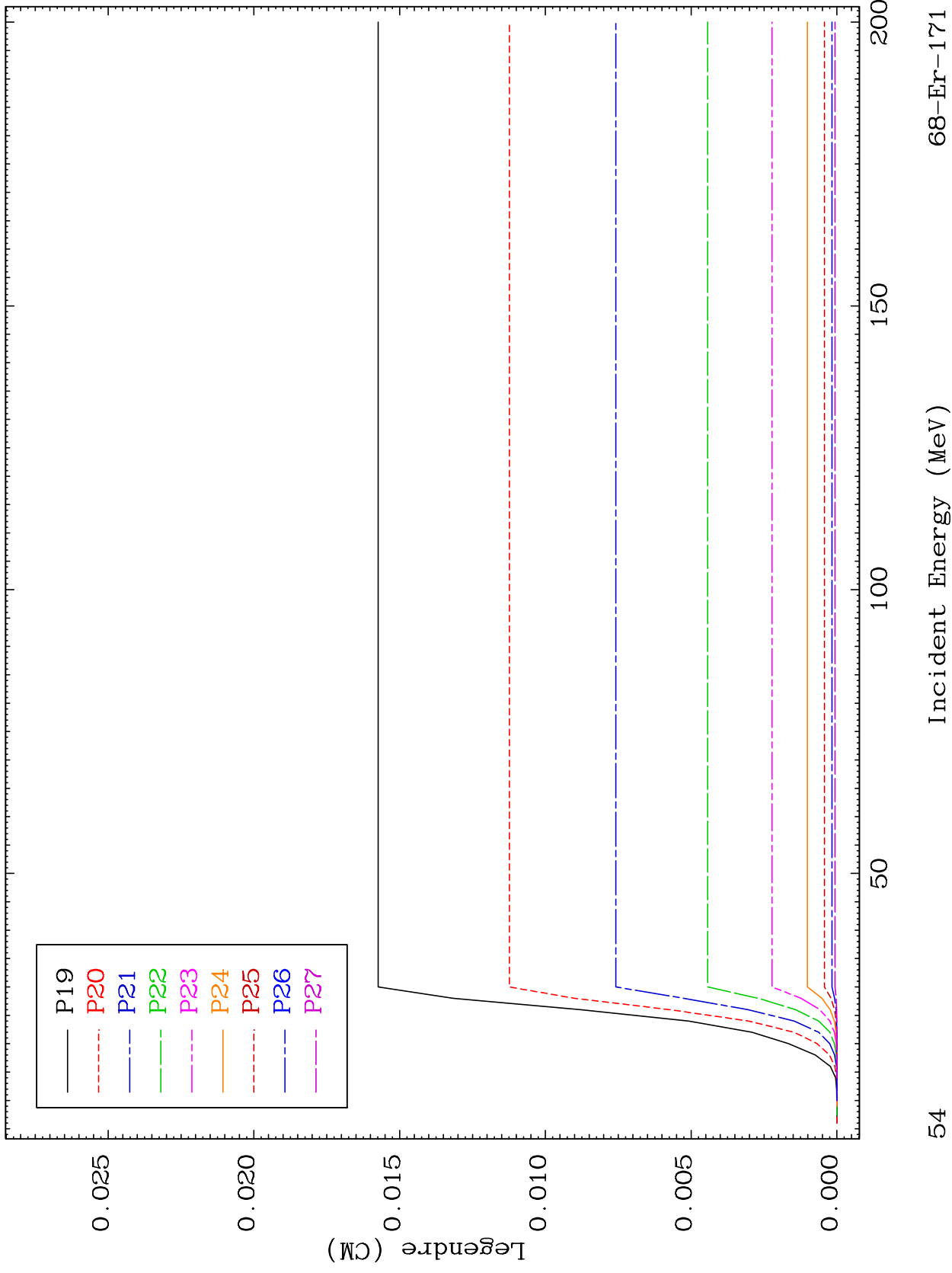
68-Er-171

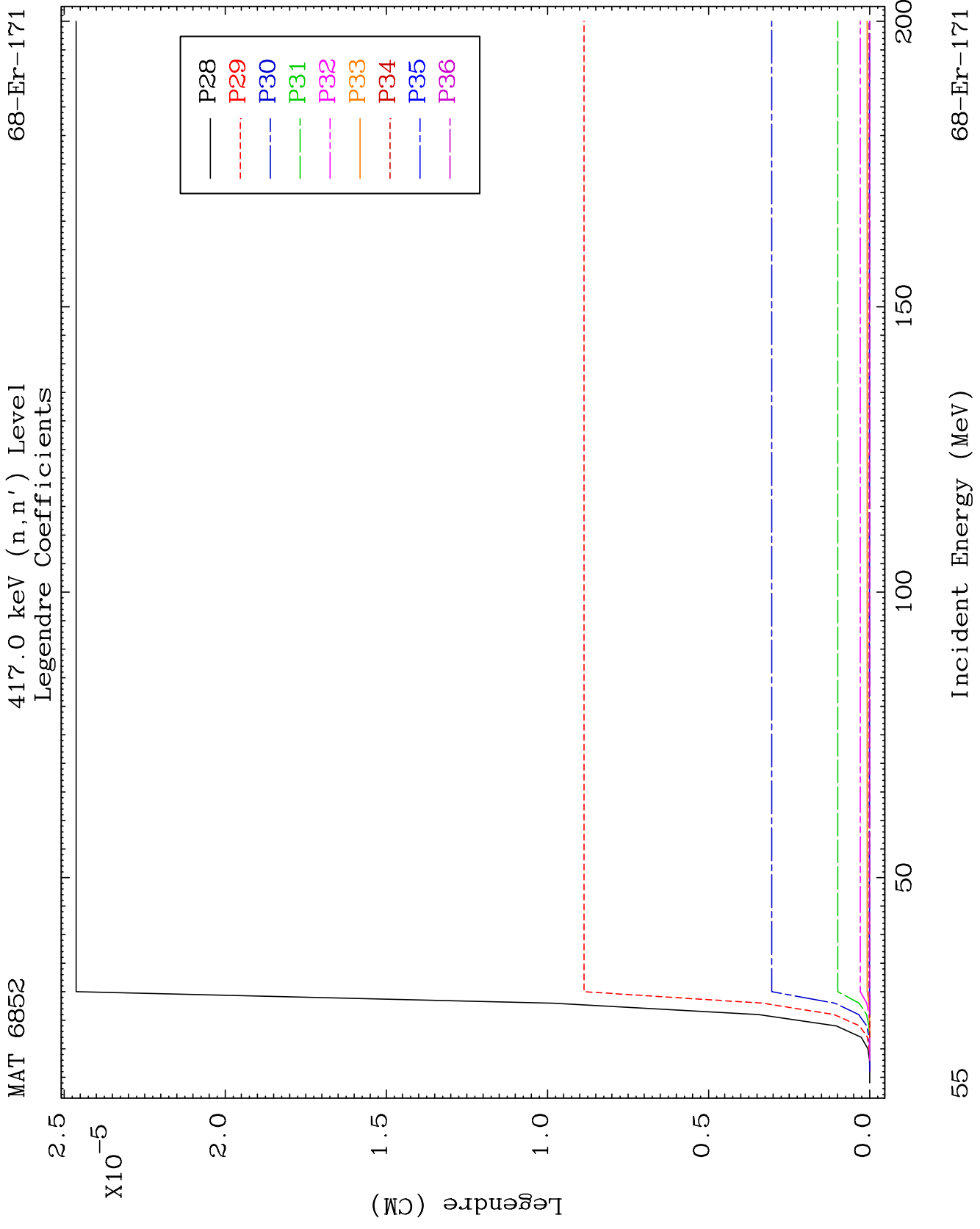


53

Incident Energy (MeV)

68-Er-171

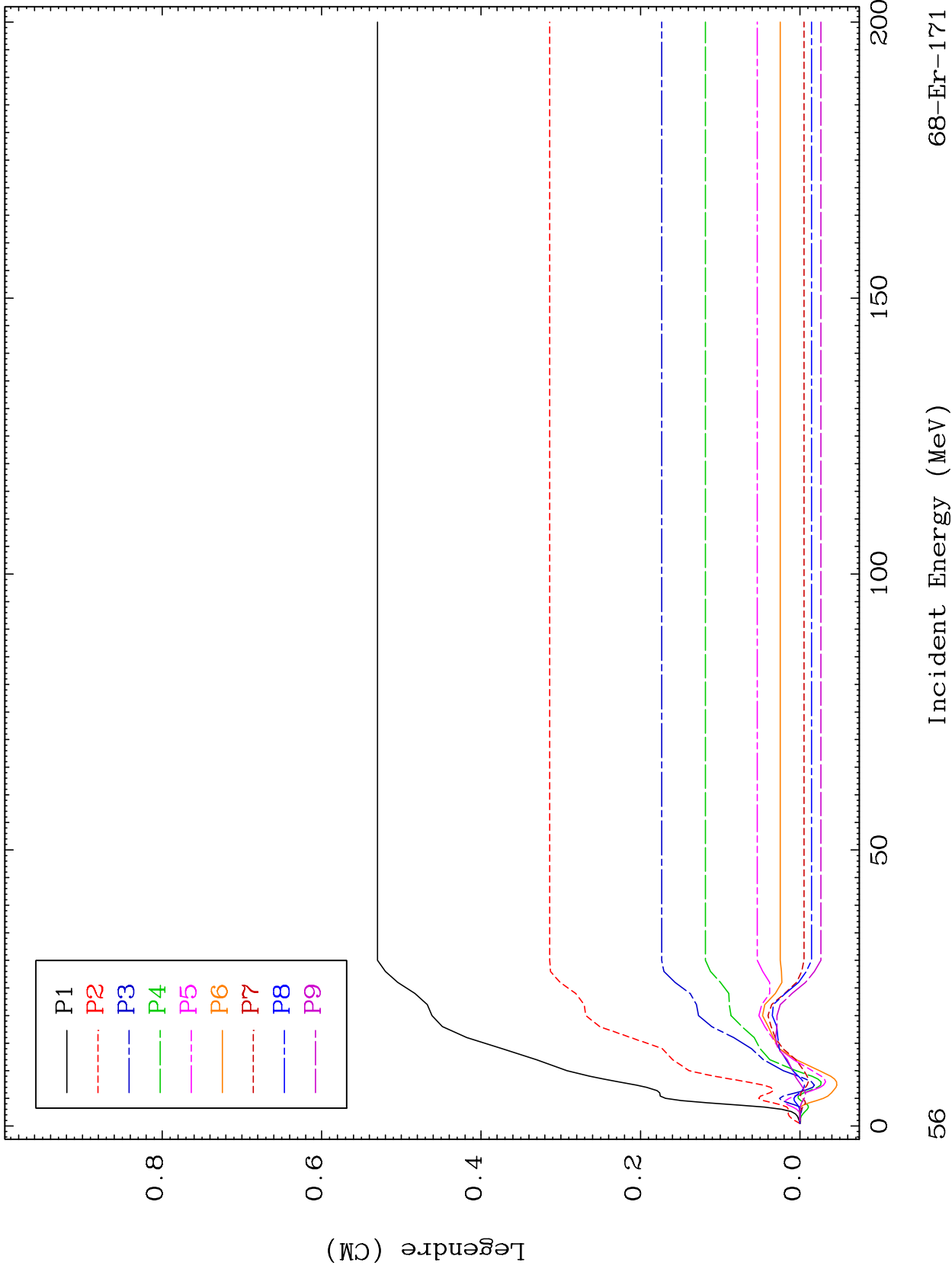




MAT 6852

420.0 keV (n,n') Level
Legendre Coefficients

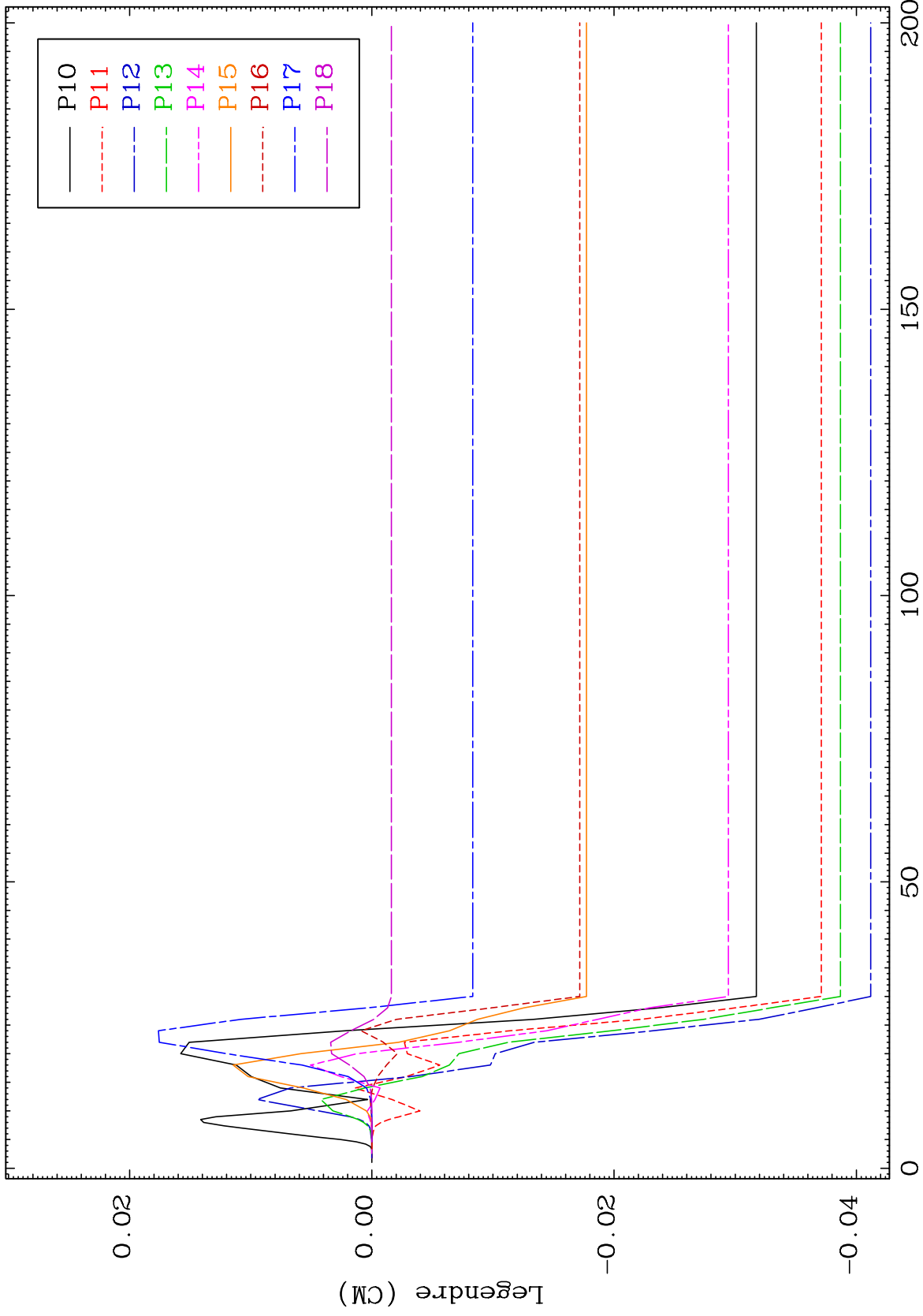
68-Er-171

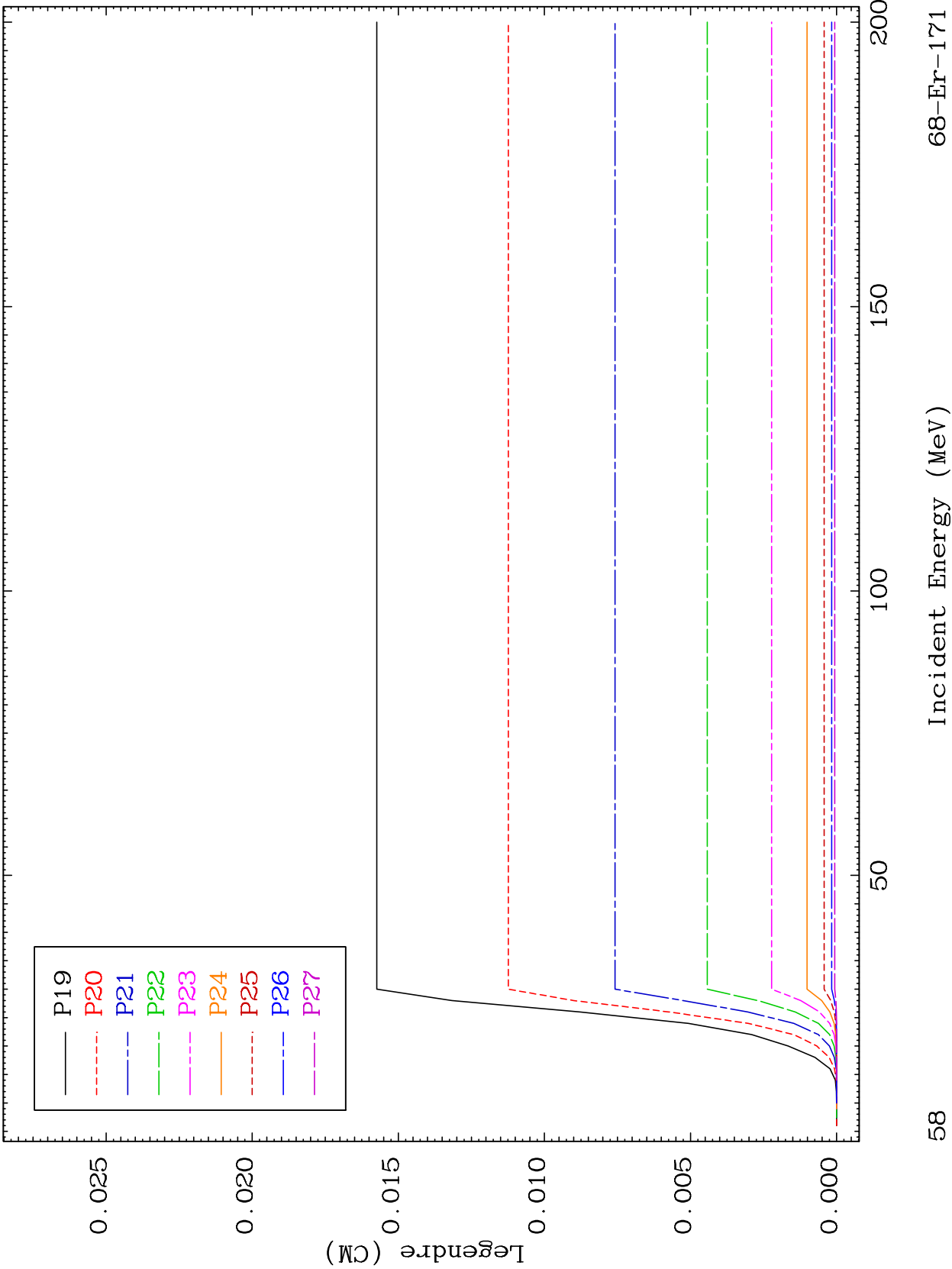


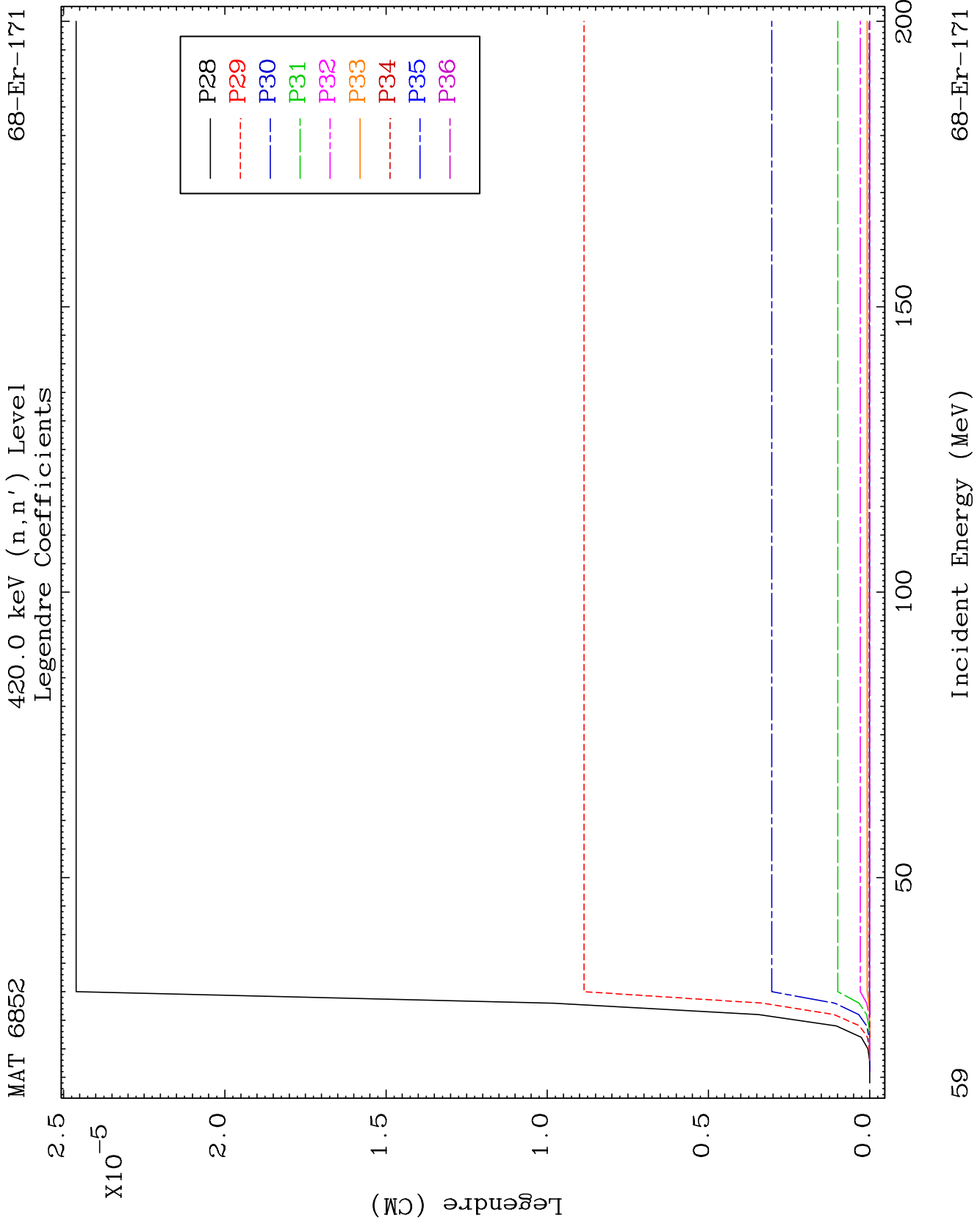
56

Incident Energy (MeV)

68-Er-171



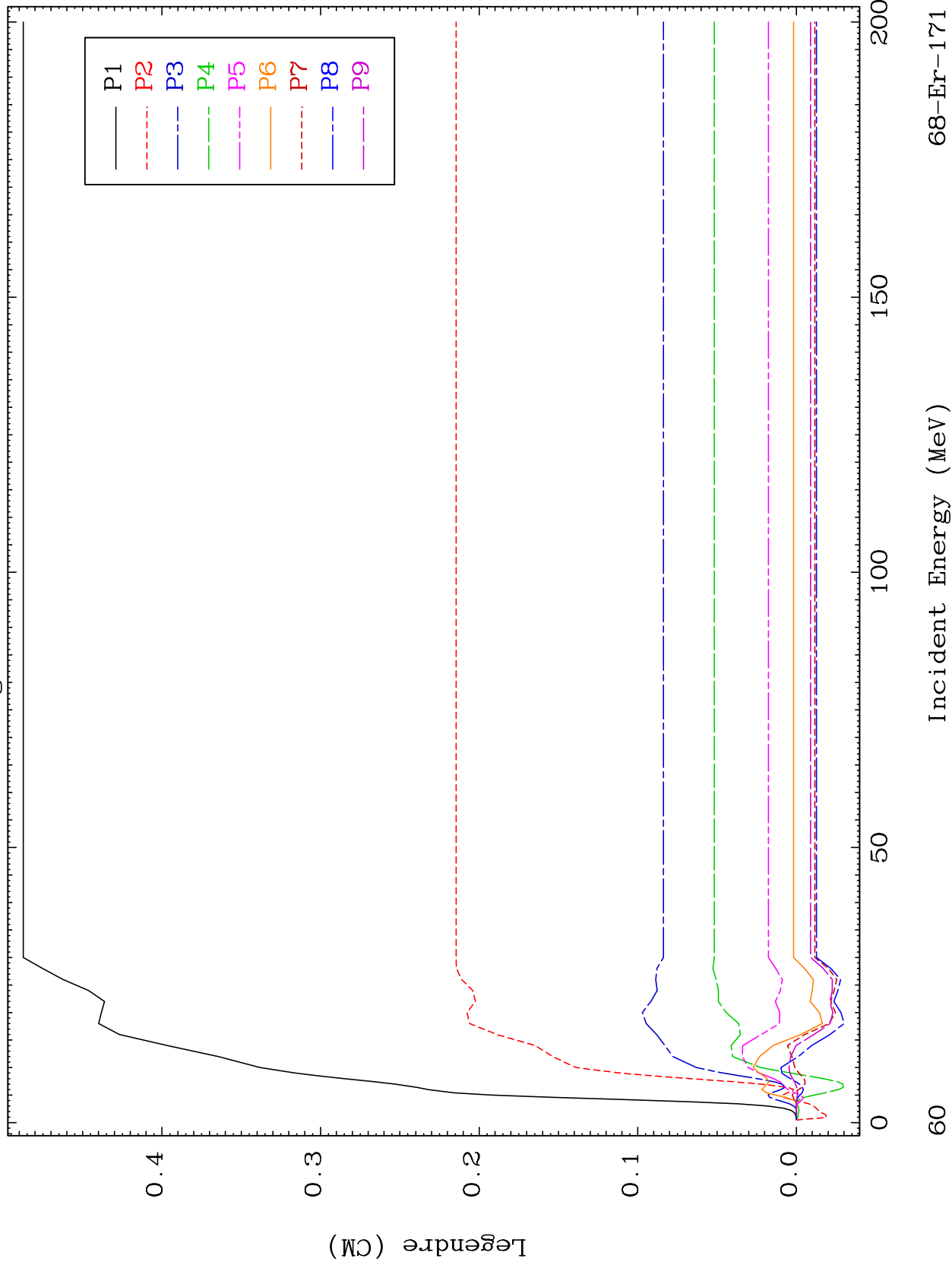




MAT 6852

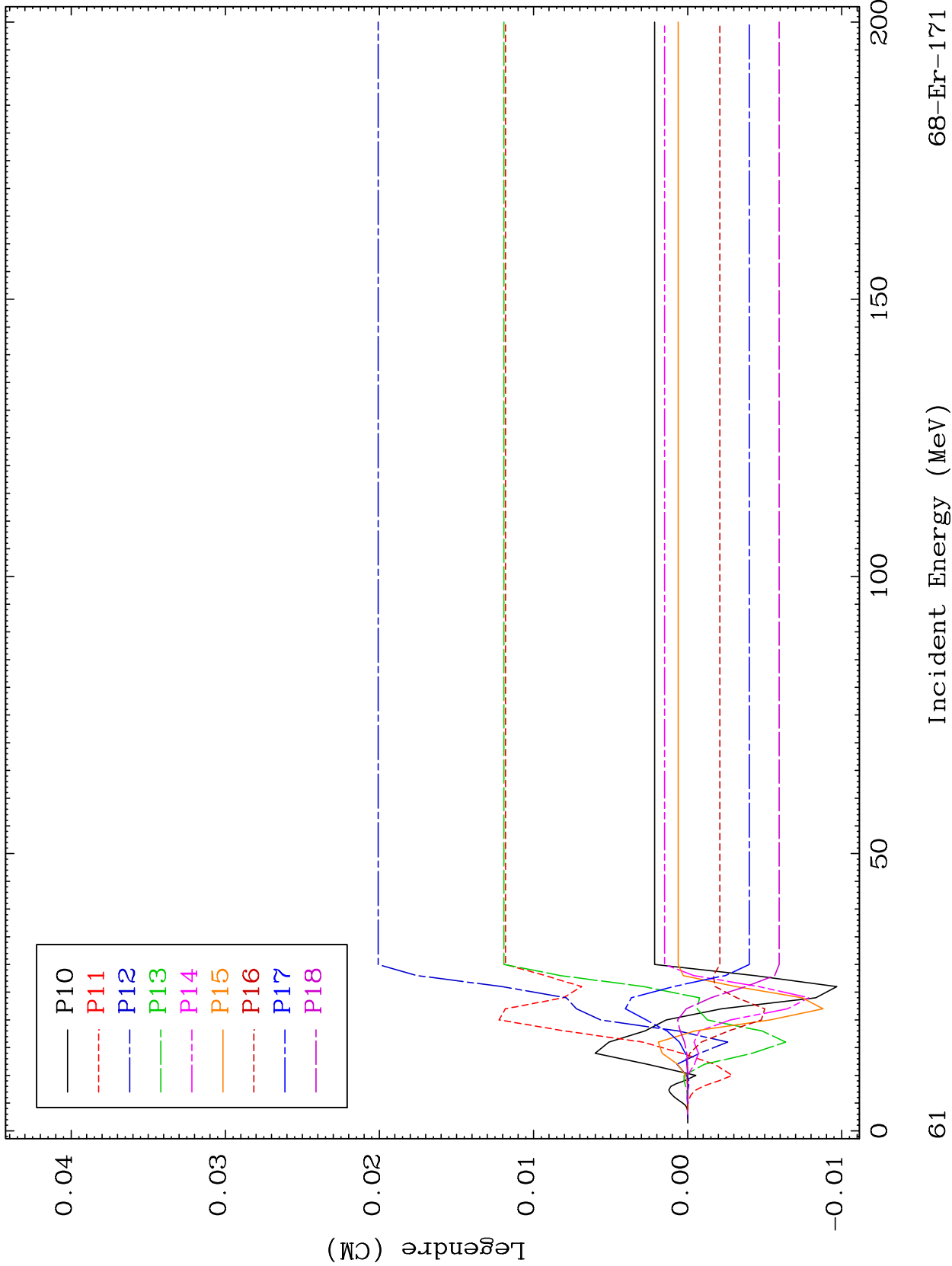
455.0 keV (n, n') Level
Legendre Coefficients

68-Er-171



68-Er-171

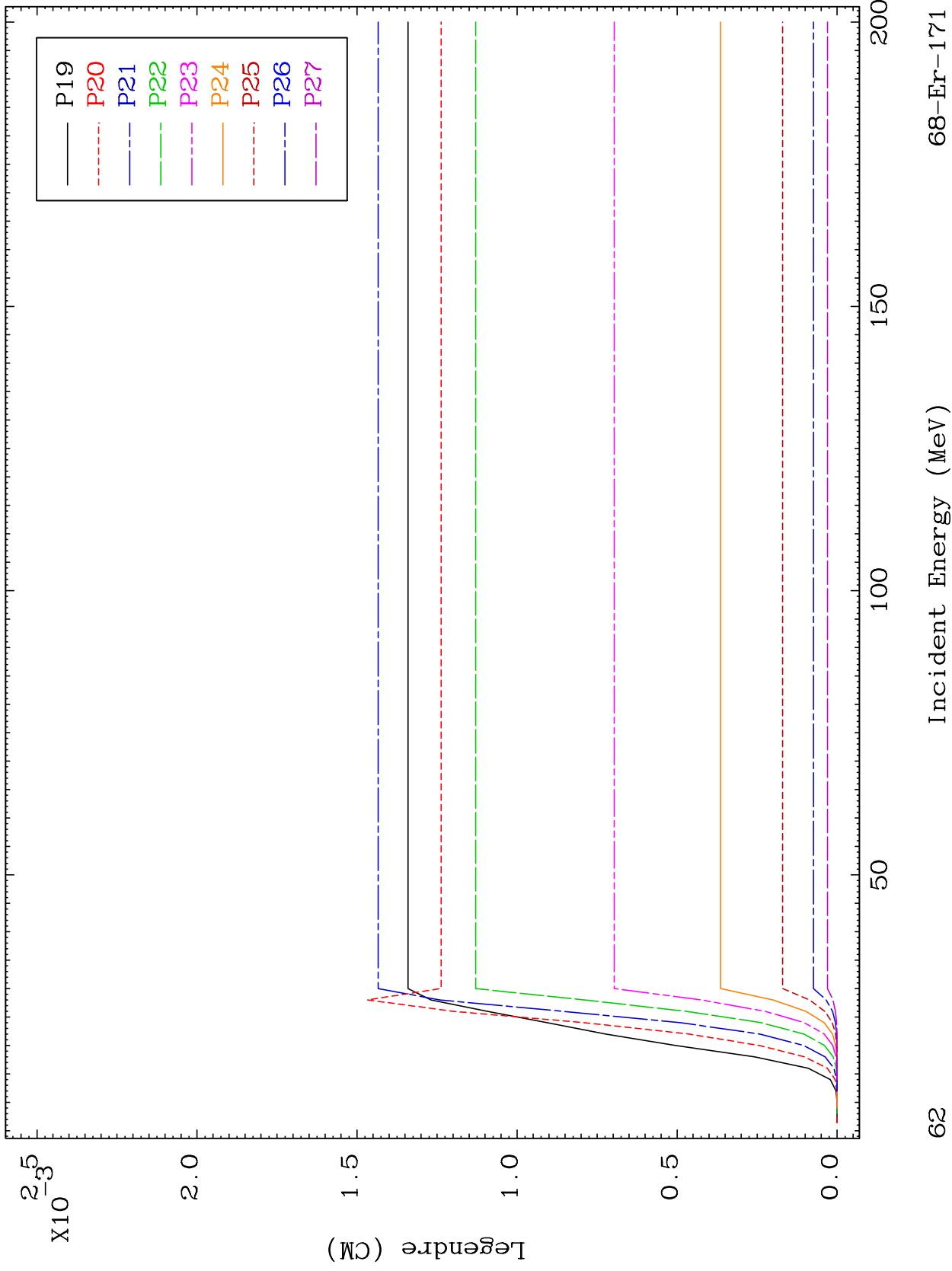
Incident Energy (MeV)



MAT 6852

455.0 keV (n,n') Level
Legendre Coefficients

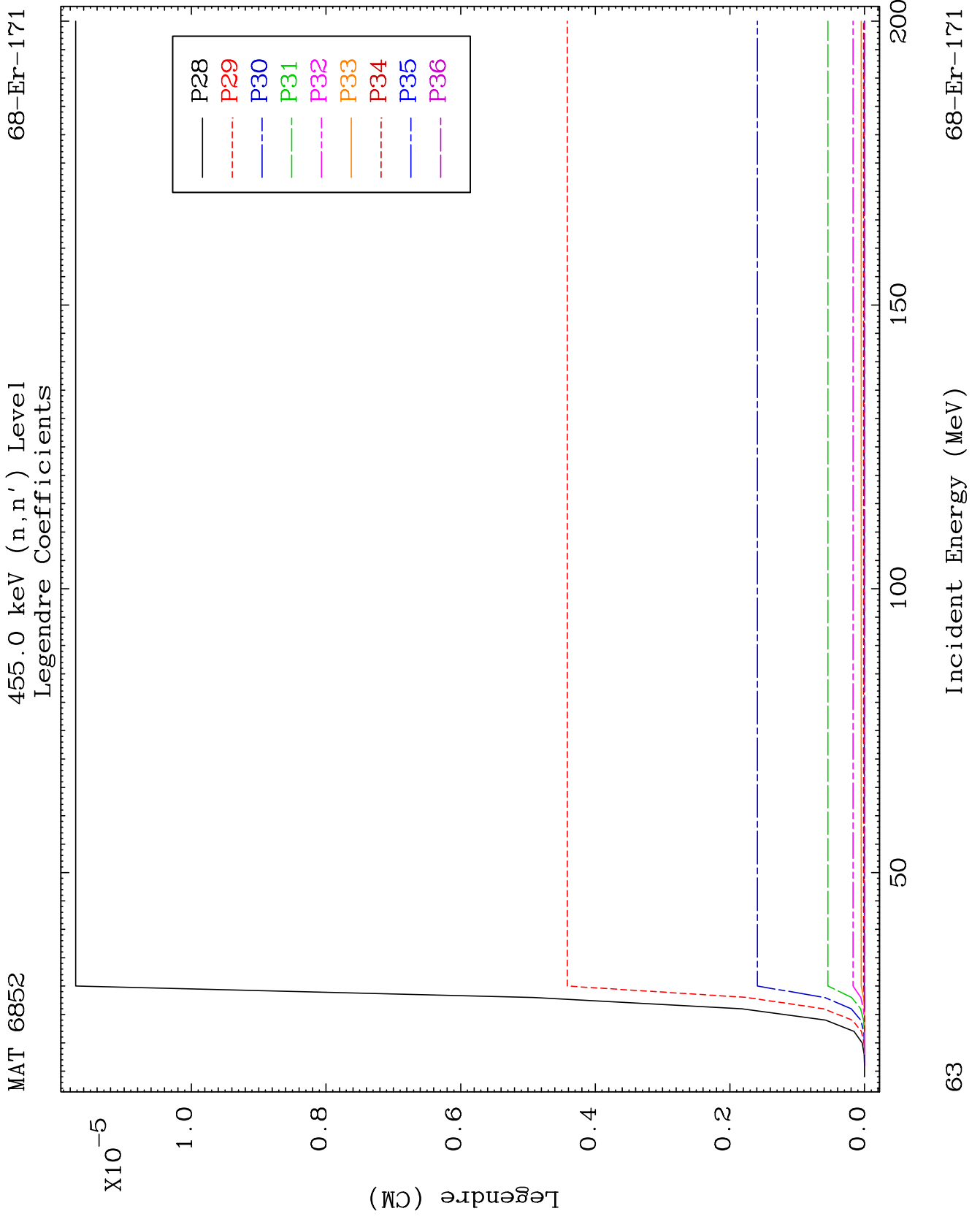
68-Er-171



62

Incident Energy (MeV)

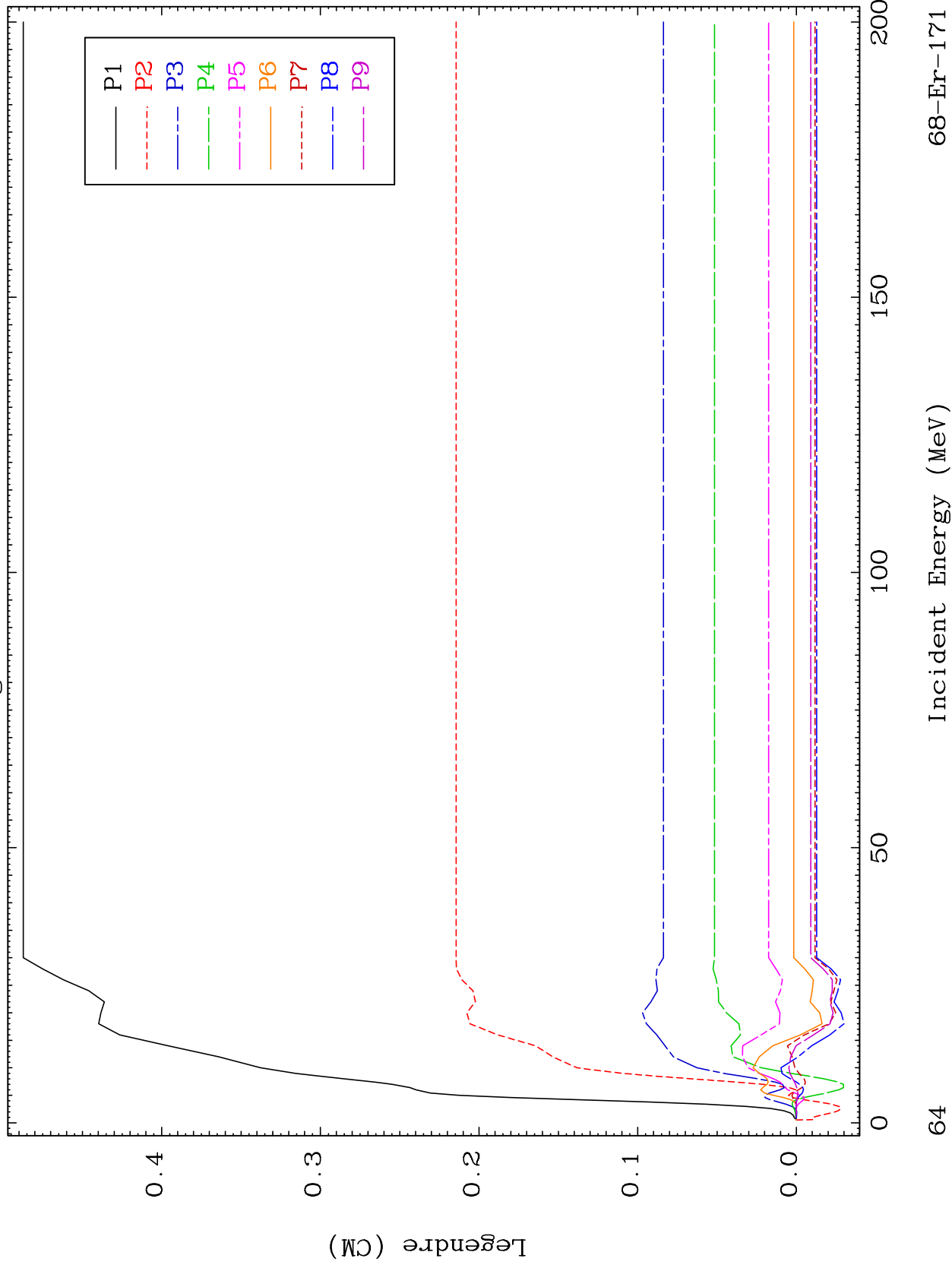
68-Er-171



MAT 6852

504.0 keV (n,n') Level
Legendre Coefficients

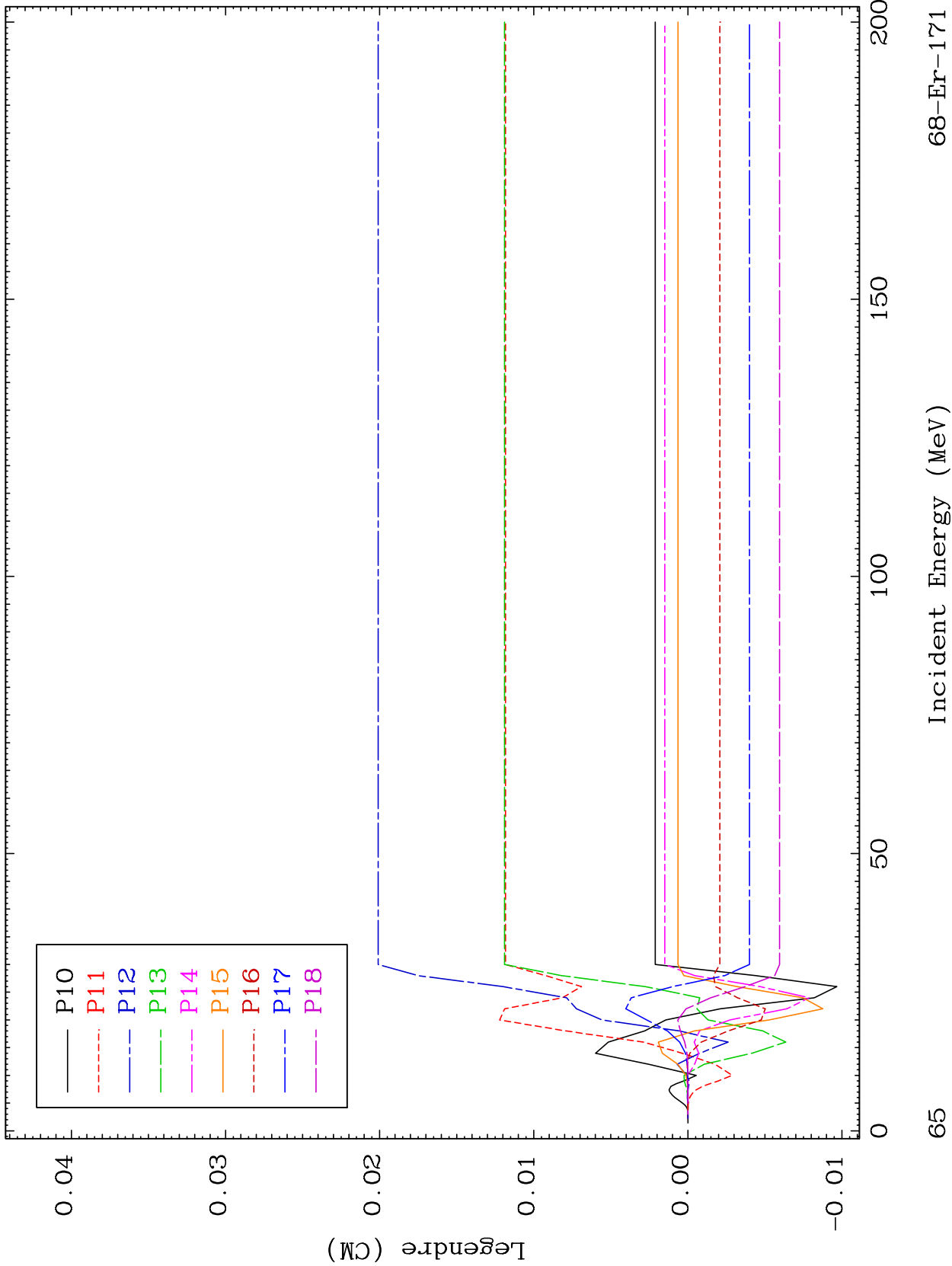
68-Er-171



MAT 6852

504.0 keV (n,n') Level
Legendre Coefficients

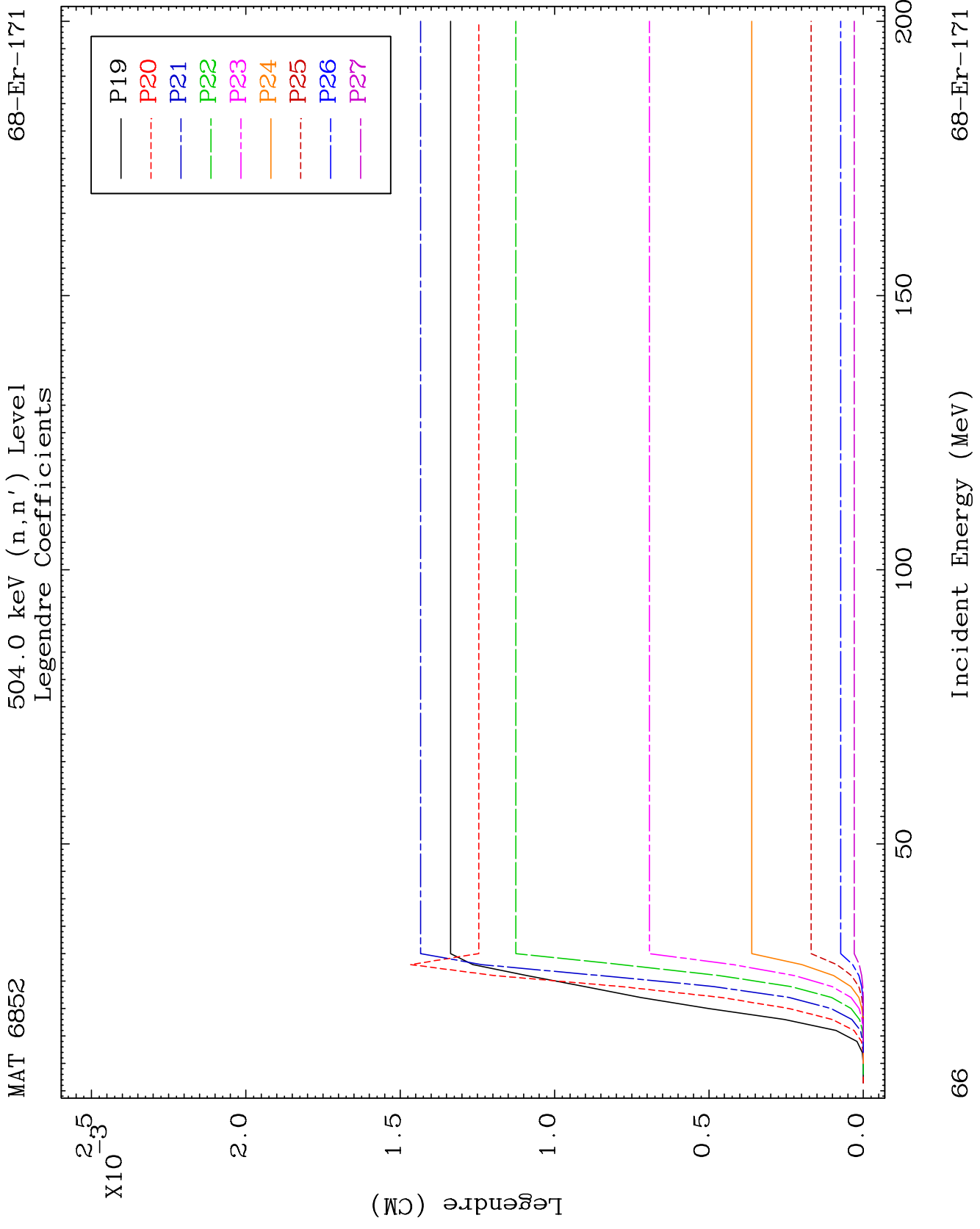
68-Er-171

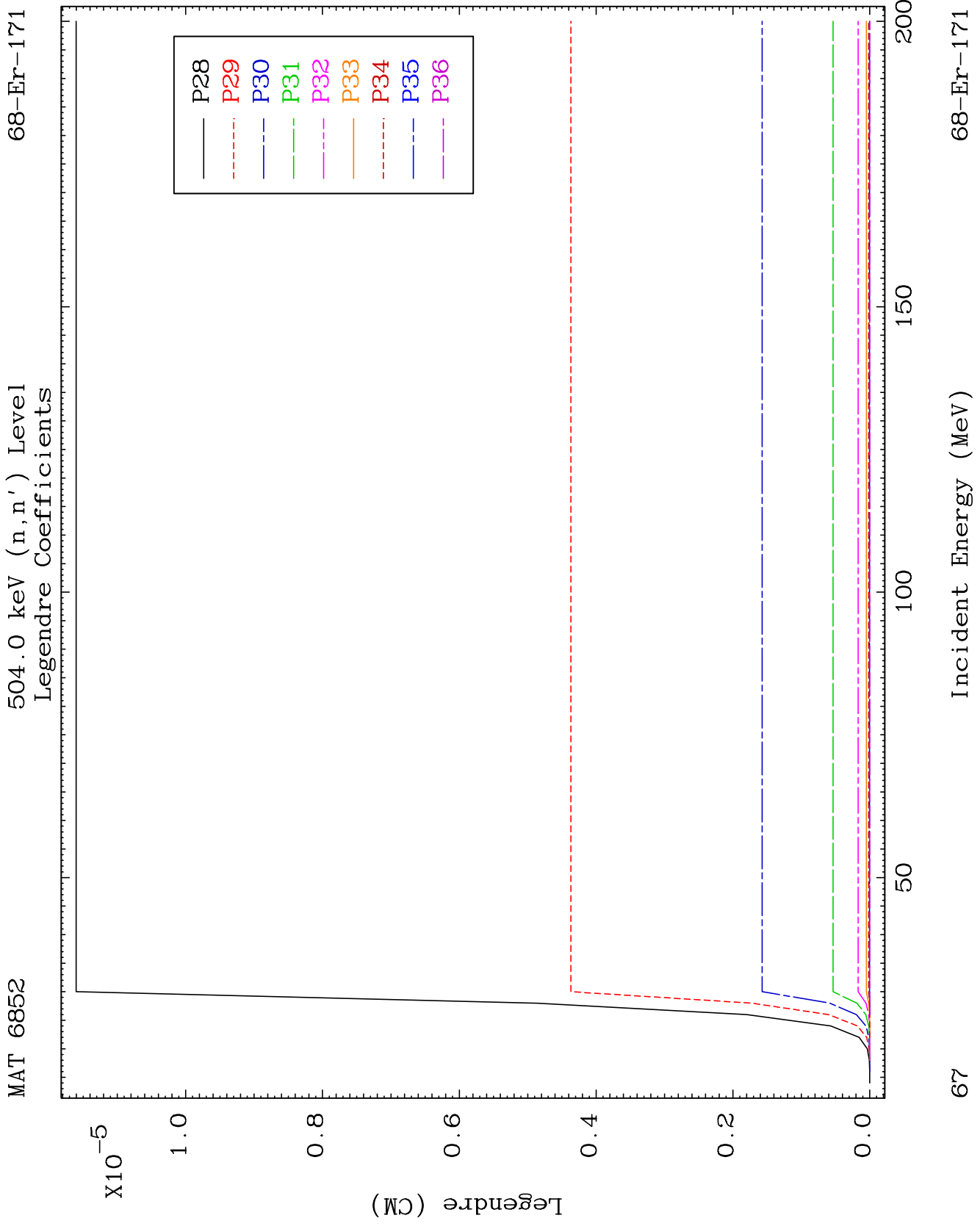


68-Er-171

Incident Energy (MeV)

65

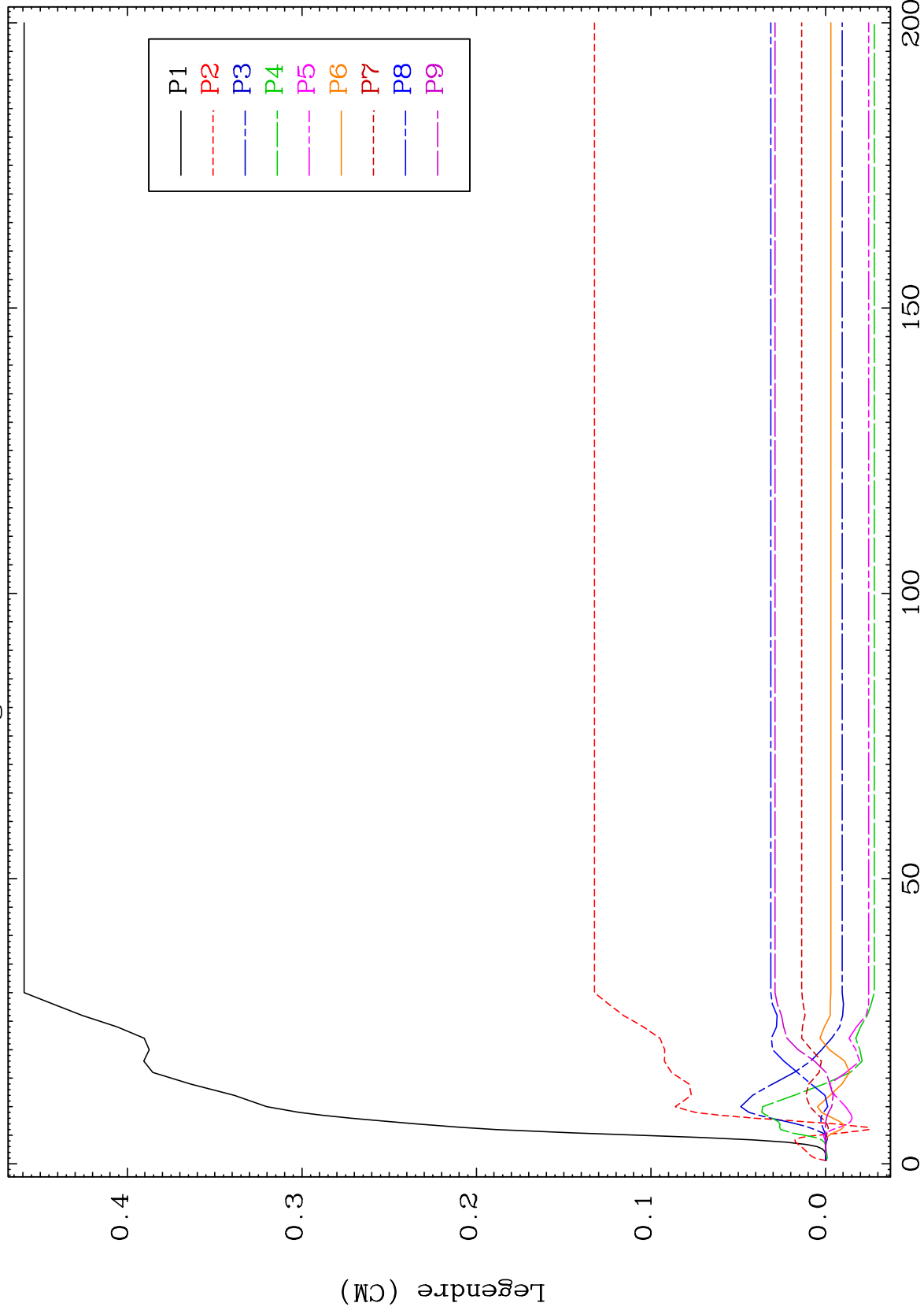




MAT 6852

532.2 keV (n,n') Level
Legendre Coefficients

68-Er-171



68

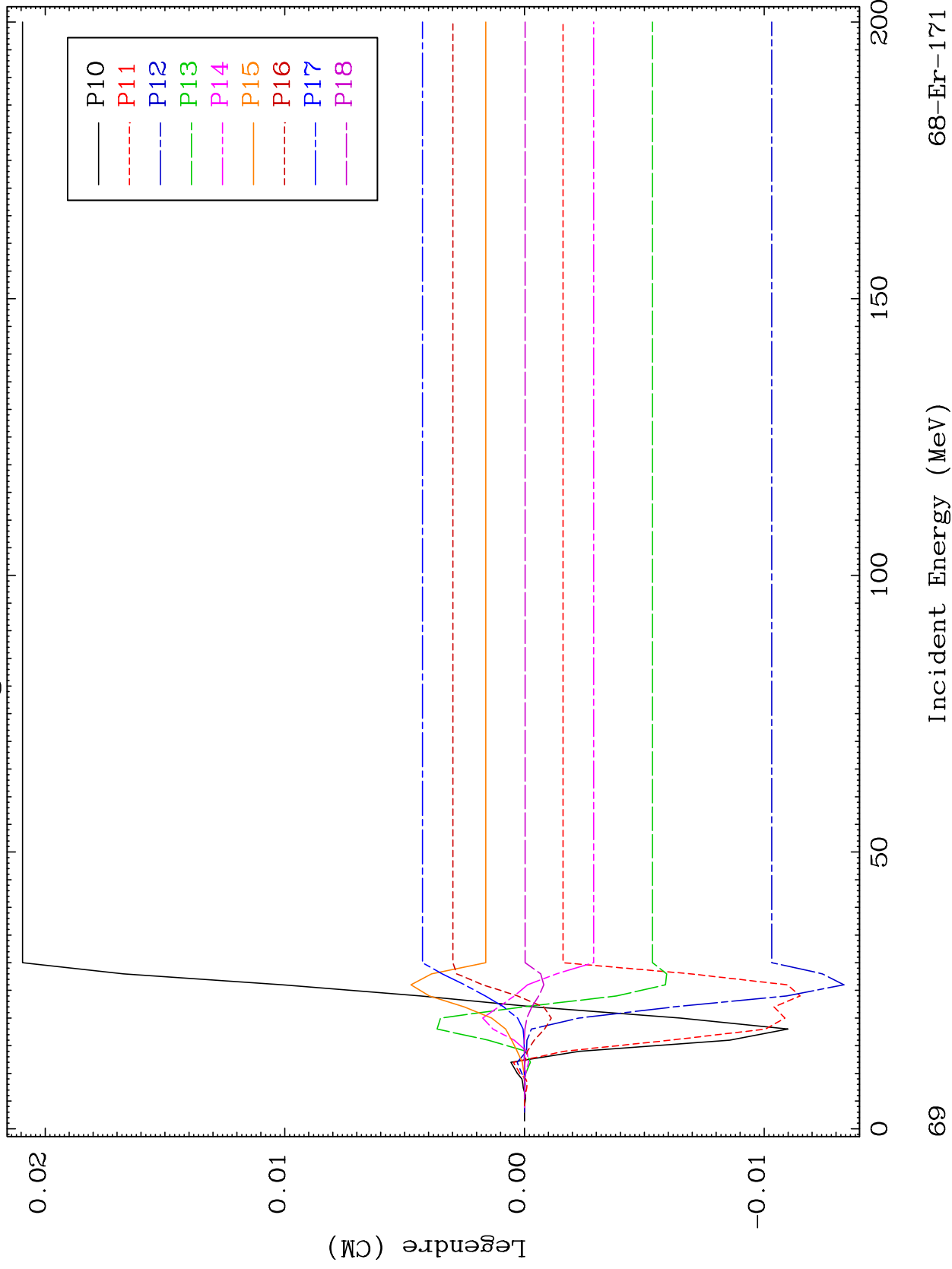
Incident Energy (MeV)

68-Er-171

MAT 6852

532.2 keV (n,n') Level
Legendre Coefficients

68-Er-171



68-Er-171

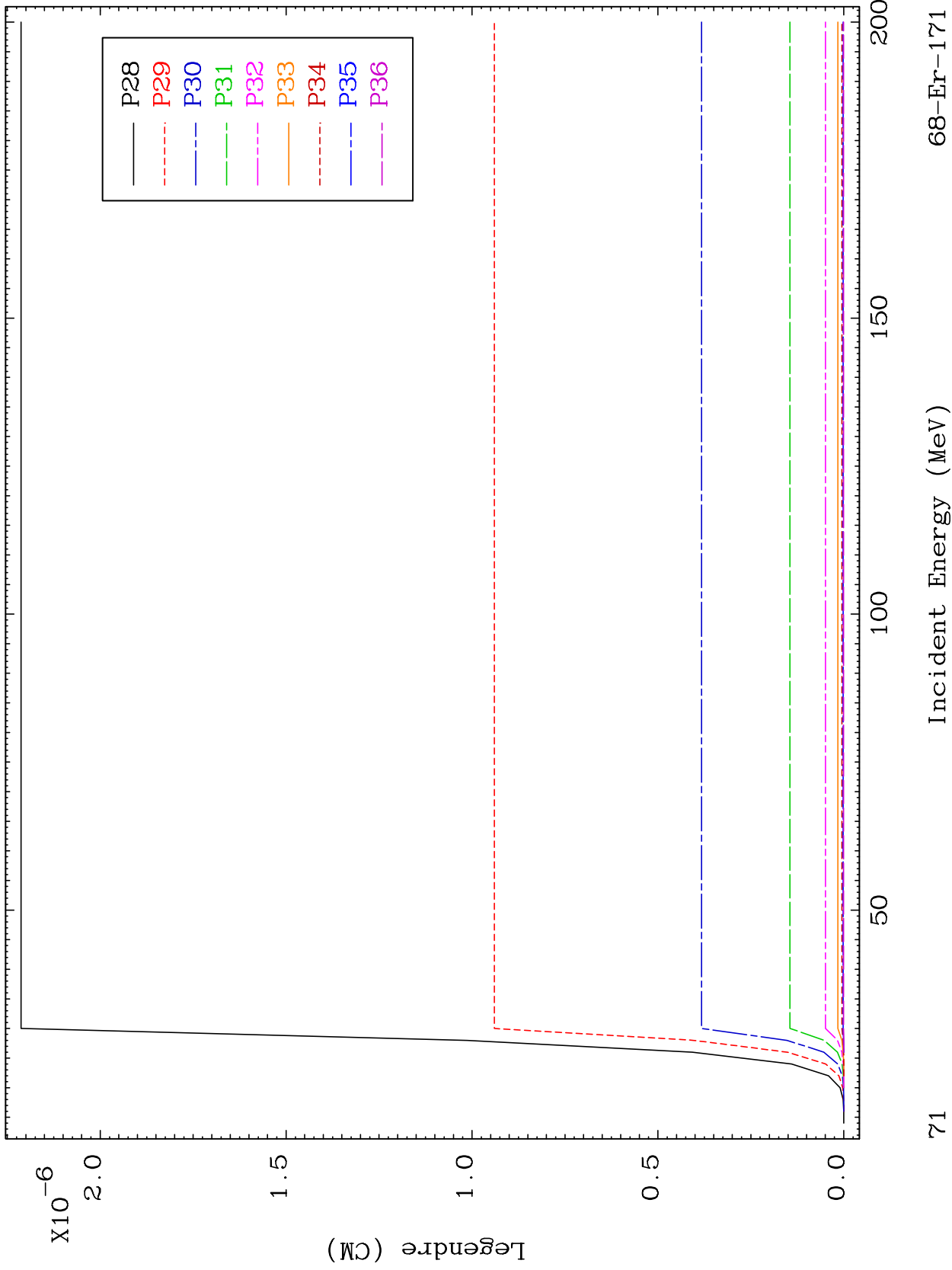
Incident Energy (MeV)

69

MAT 6852

532.2 keV (n,n') Level
Legendre Coefficients

68-Er-171



71

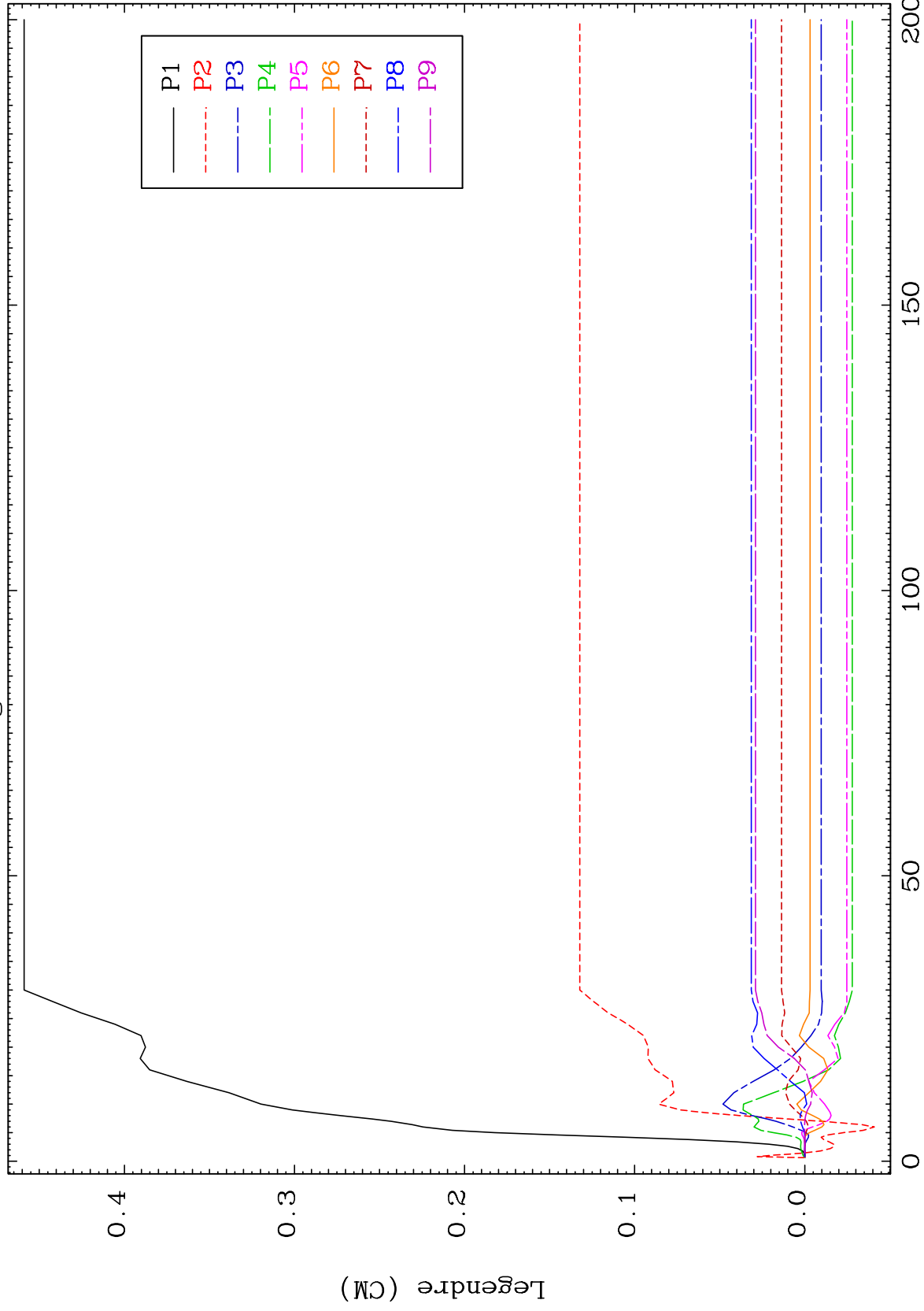
Incident Energy (MeV)

68-Er-171

MAT 6852

615.0 keV (n,n') Level
Legendre Coefficients

68-Er-171



72

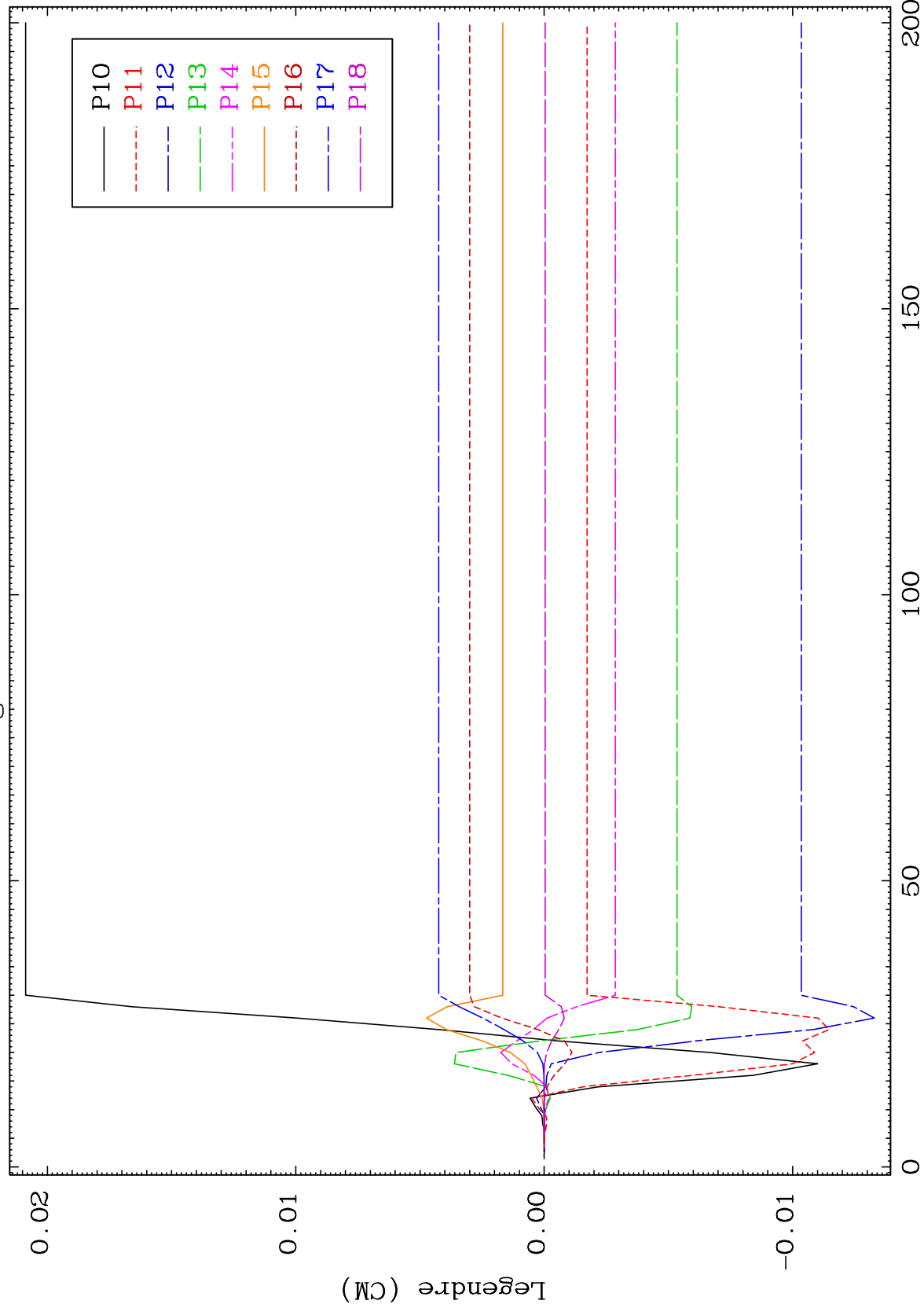
Incident Energy (MeV)

68-Er-171

MAT 6852

615.0 keV (n,n') Level
Legendre Coefficients

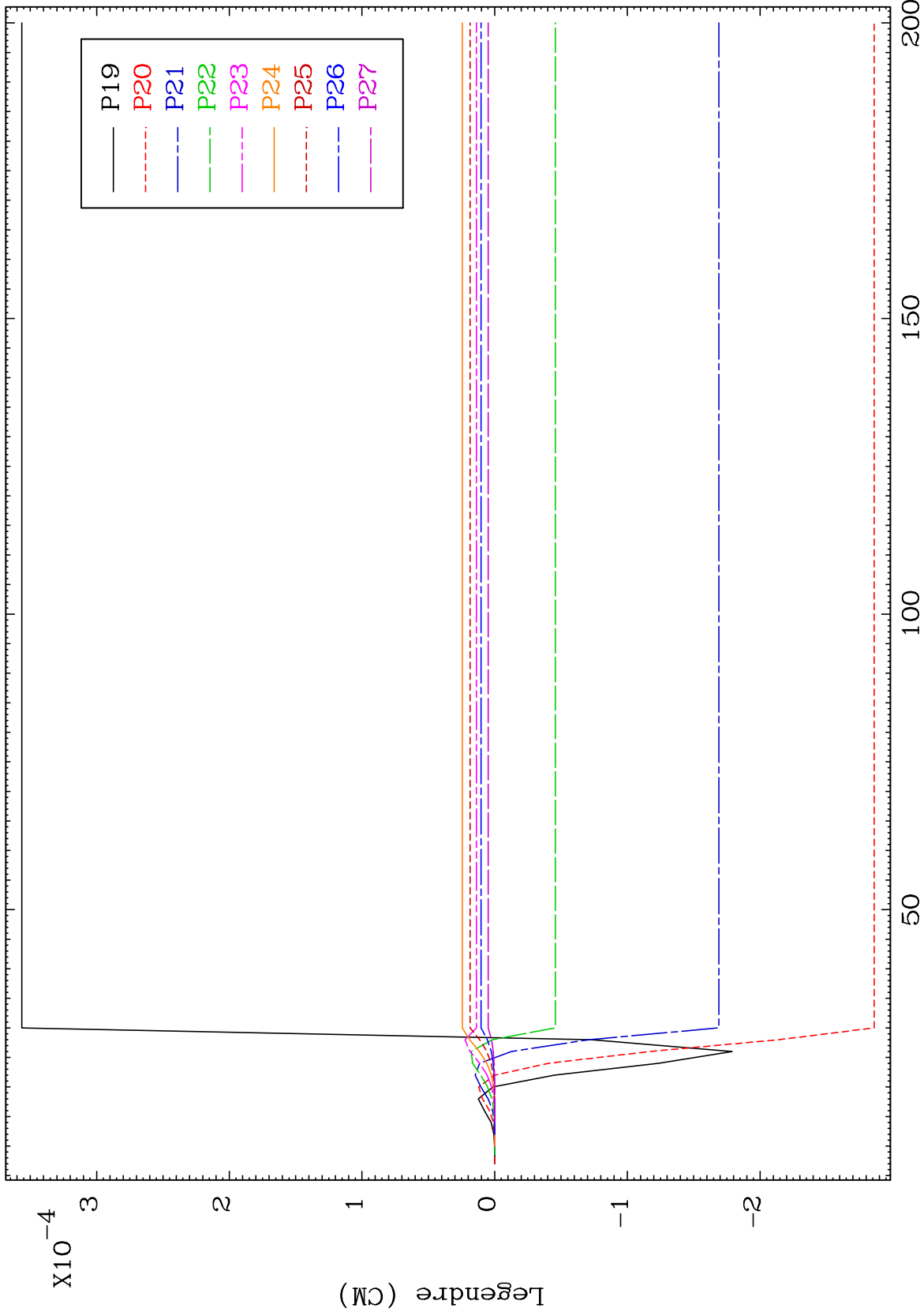
68-Er-171



73

Incident Energy (MeV)

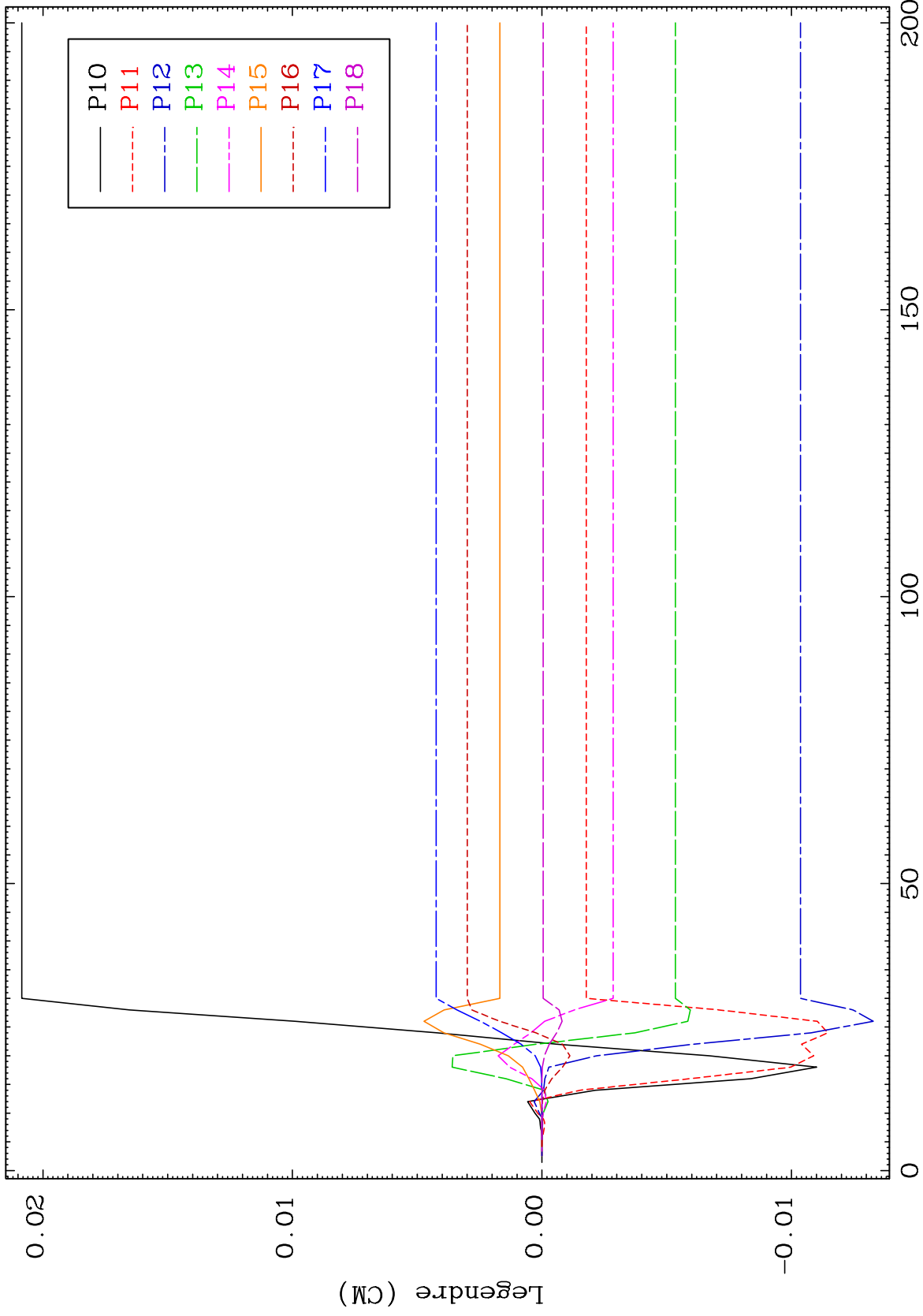
68-Er-171



MAT 6852

645.0 keV (n,n') Level
Legendre Coefficients

68-Er-171



77

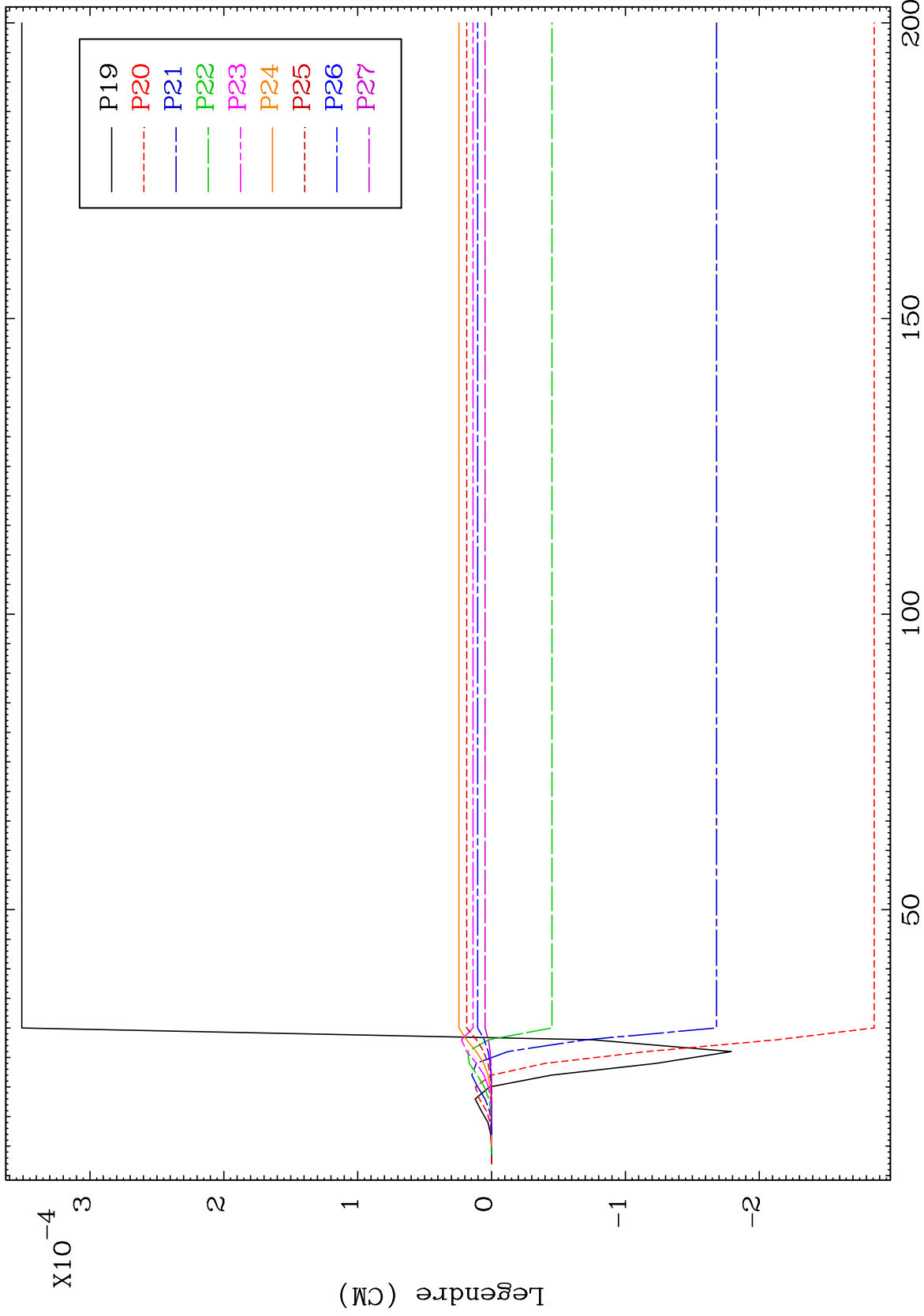
Incident Energy (MeV)

68-Er-171

MAT 6852

645.0 keV (n,n') Level
Legendre Coefficients

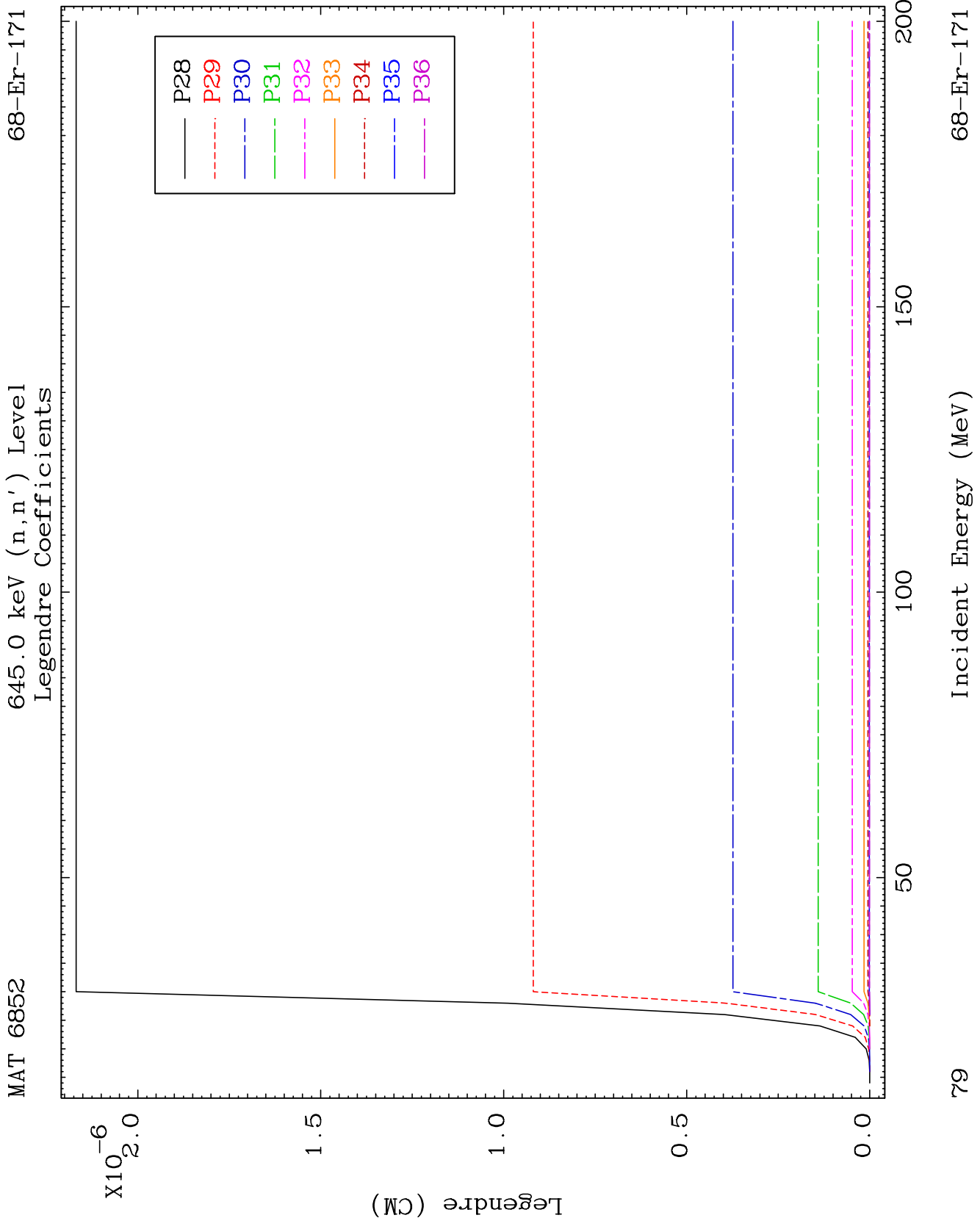
68-Er-171

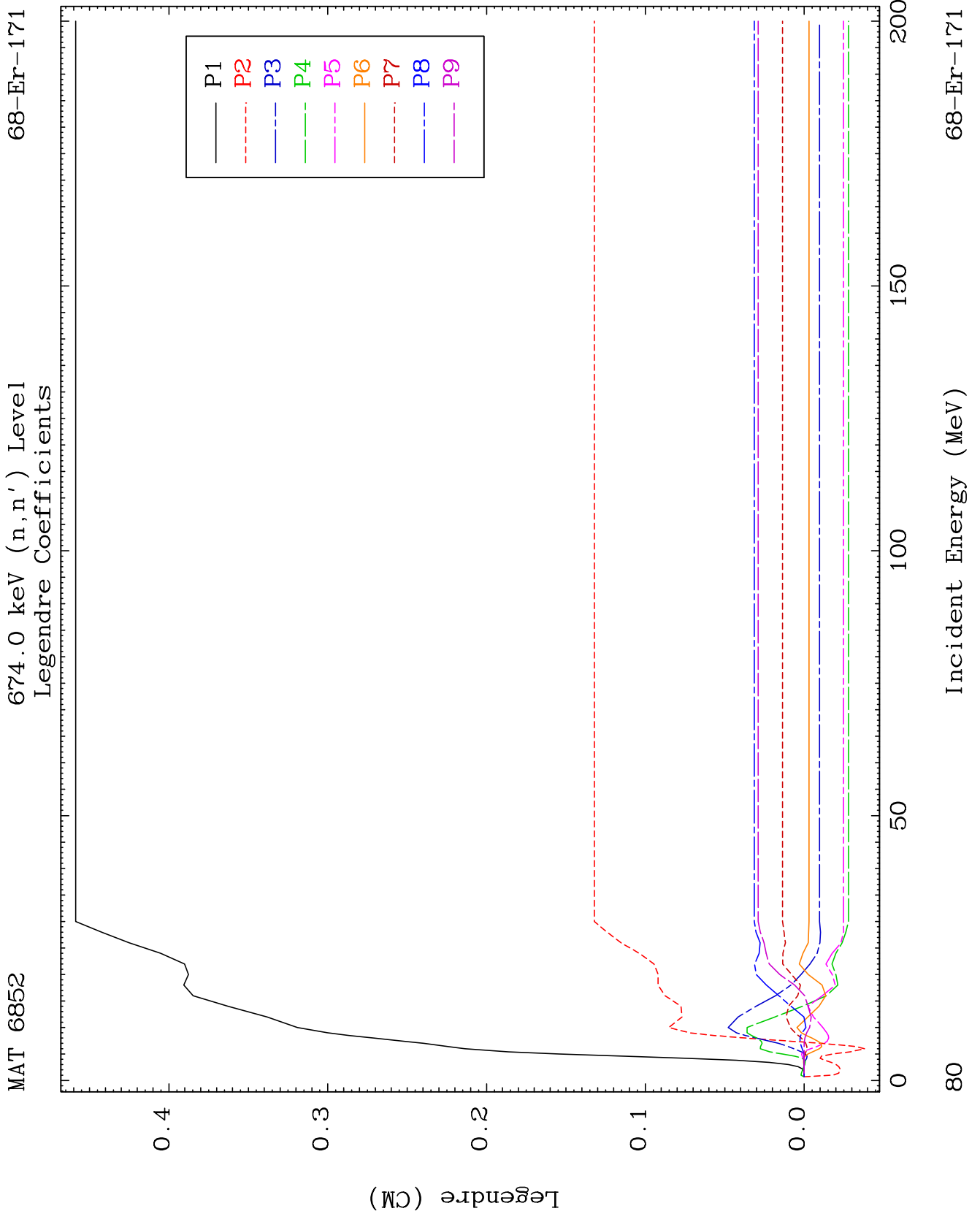


78

Incident Energy (MeV)

68-Er-171

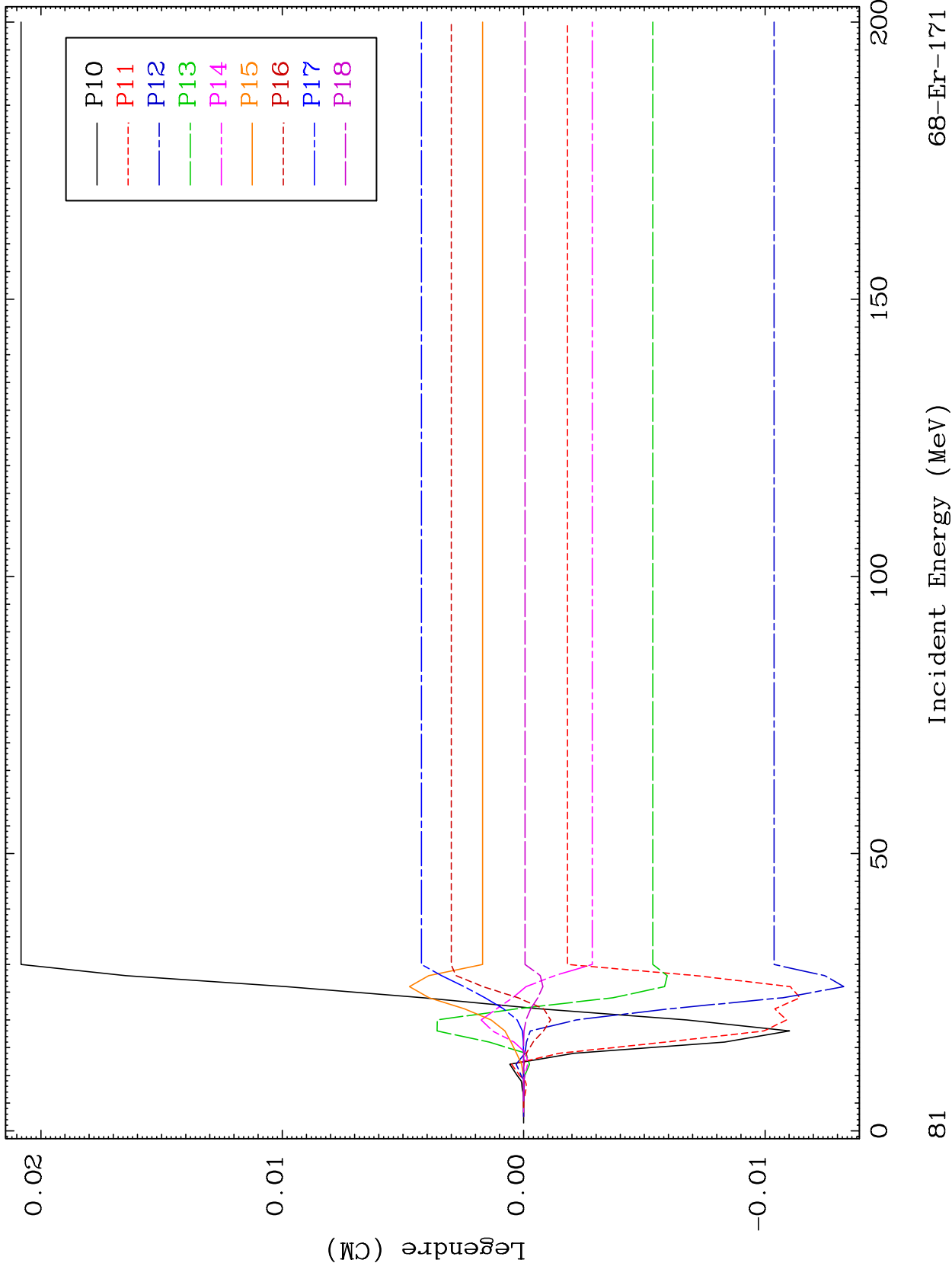




MAT 6852

674.0 keV (n,n') Level
Legendre Coefficients

68-Er-171



81

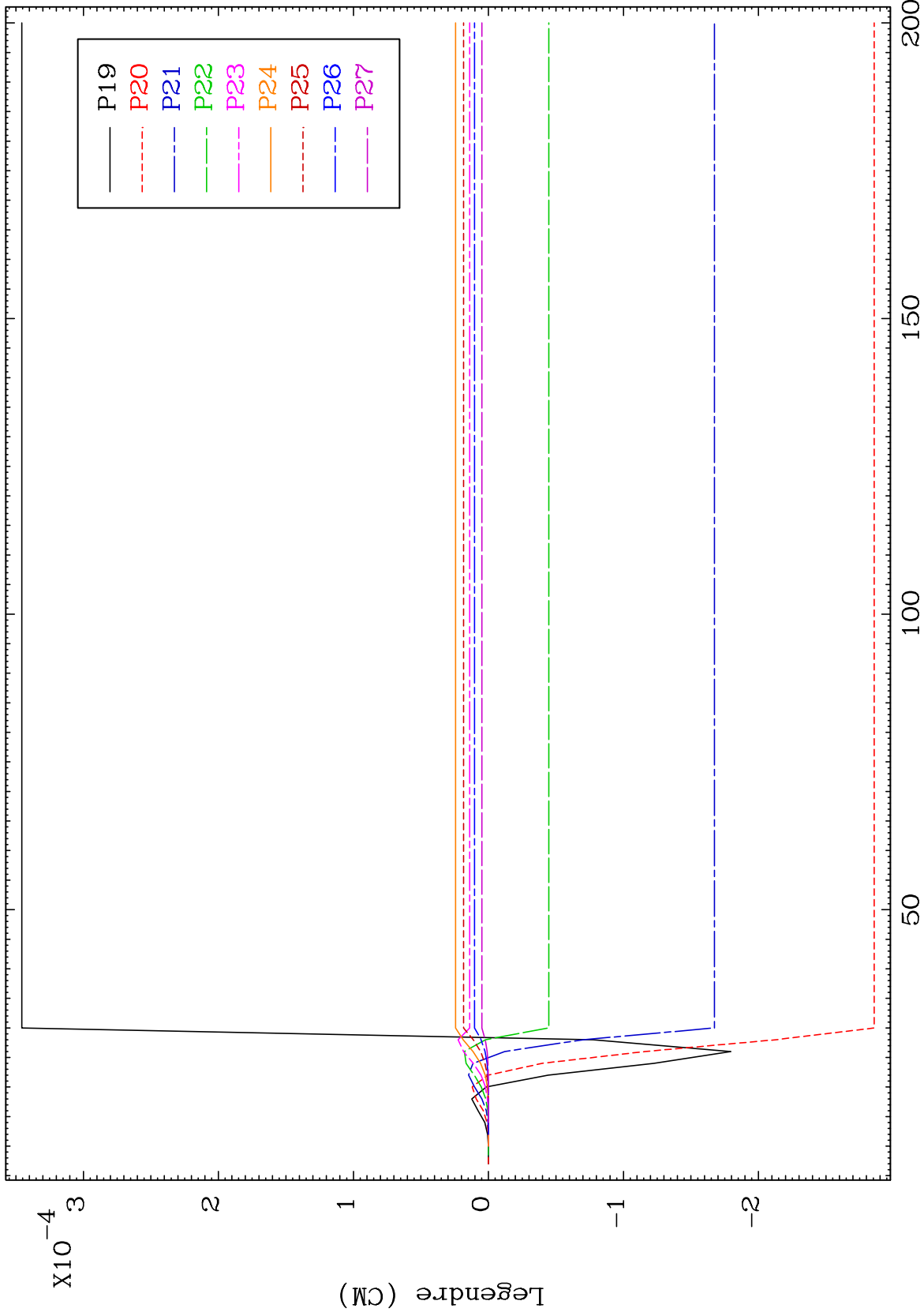
Incident Energy (MeV)

68-Er-171

MAT 6852

674.0 keV (n,n') Level
Legendre Coefficients

68-Er-171



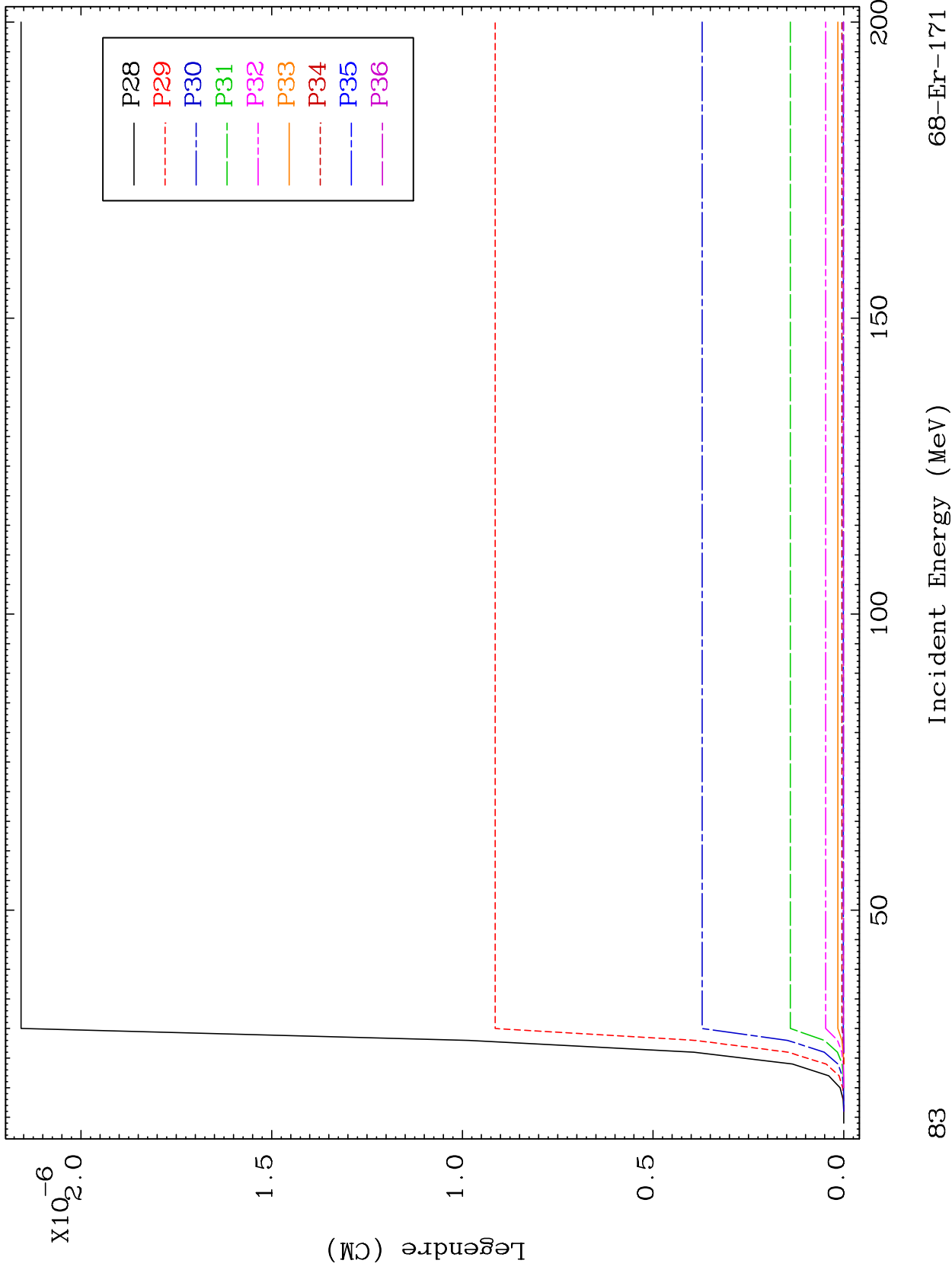
82

68-Er-171

MAT 6852

674.0 keV (n,n') Level
Legendre Coefficients

68-Er-171



83

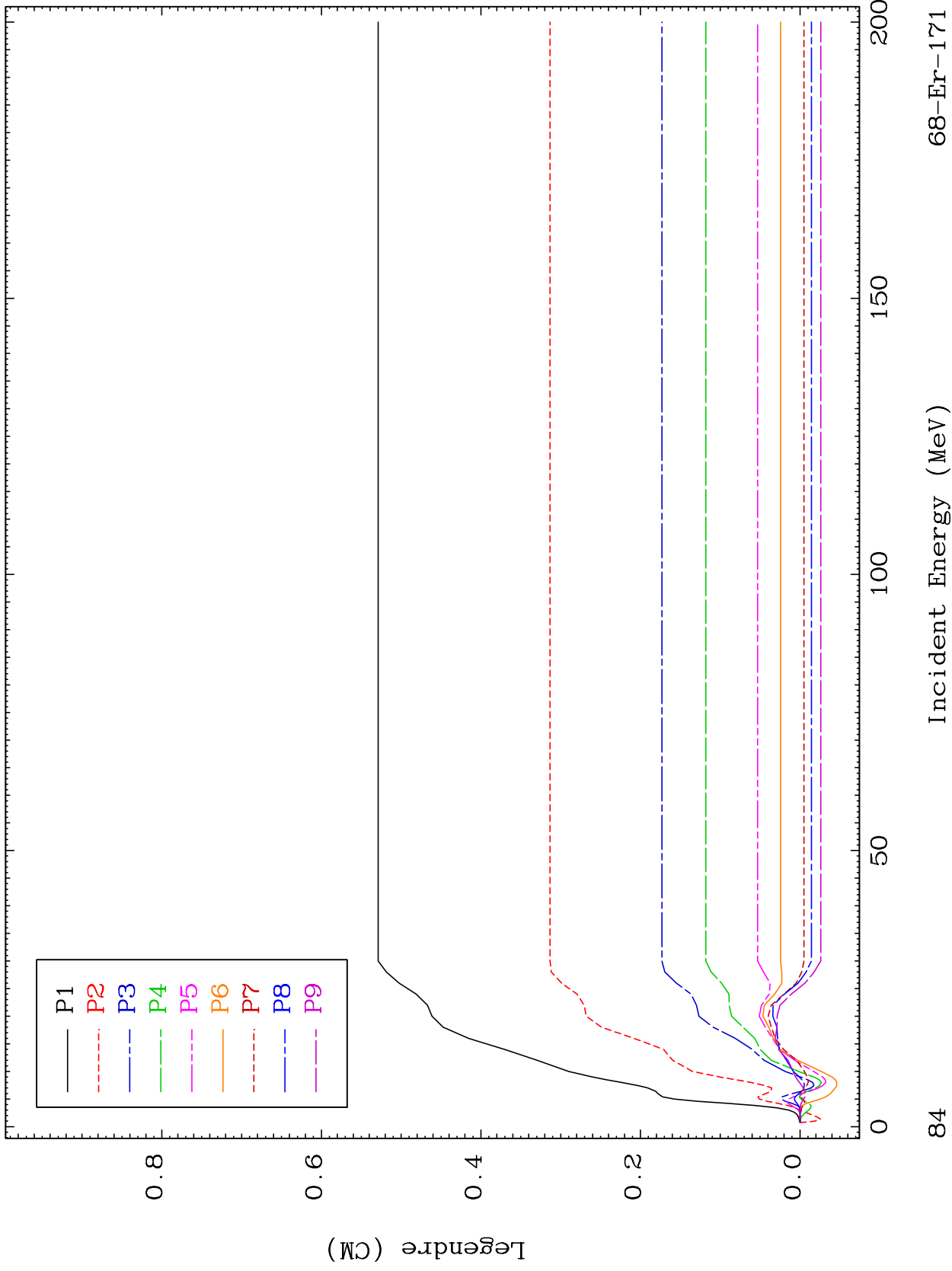
Incident Energy (MeV)

68-Er-171

MAT 6852

707.0 keV (n,n') Level
Legendre Coefficients

68-Er-171



84

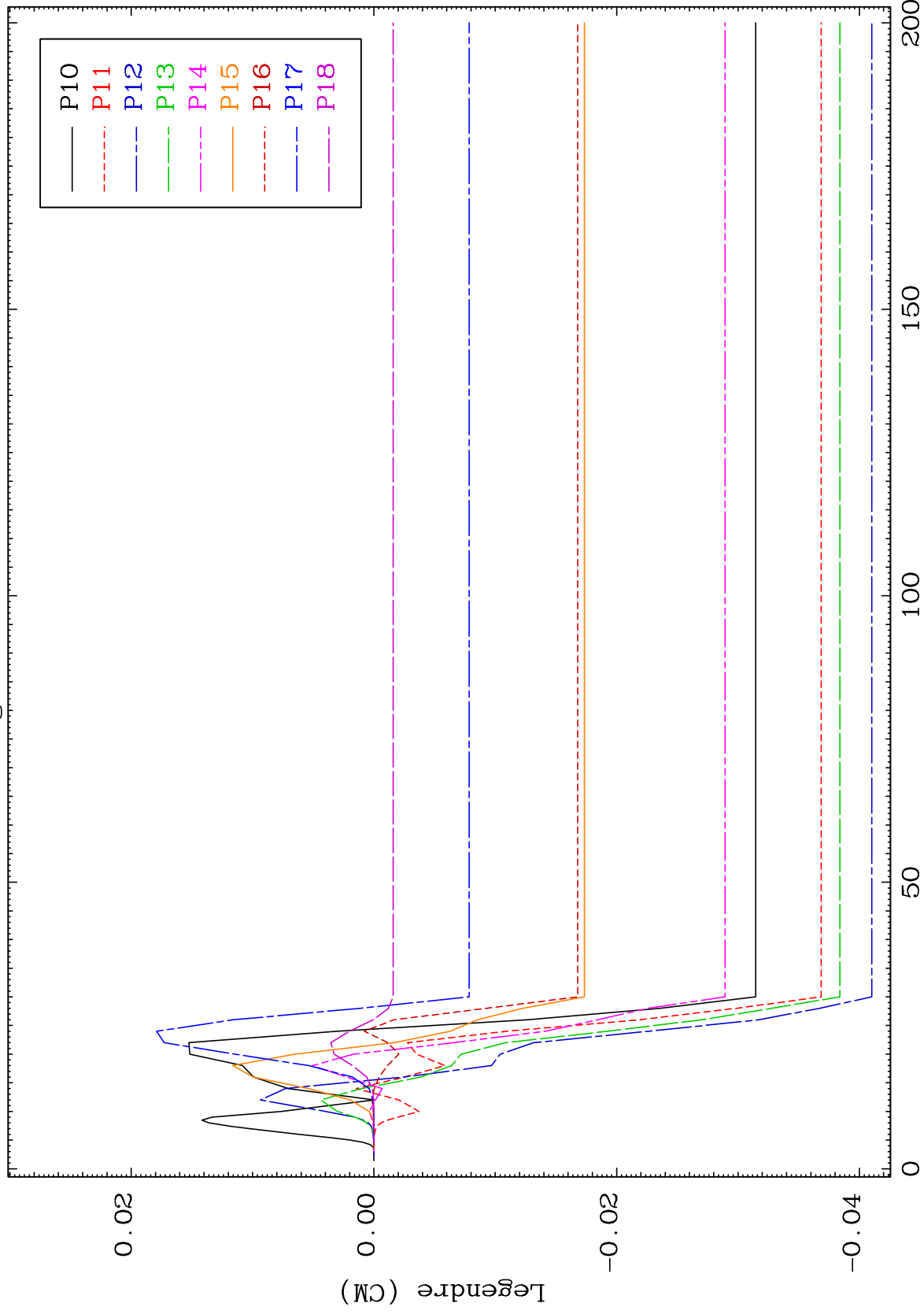
Incident Energy (MeV)

68-Er-171

MAT 6852

707.0 keV (n,n') Level
Legendre Coefficients

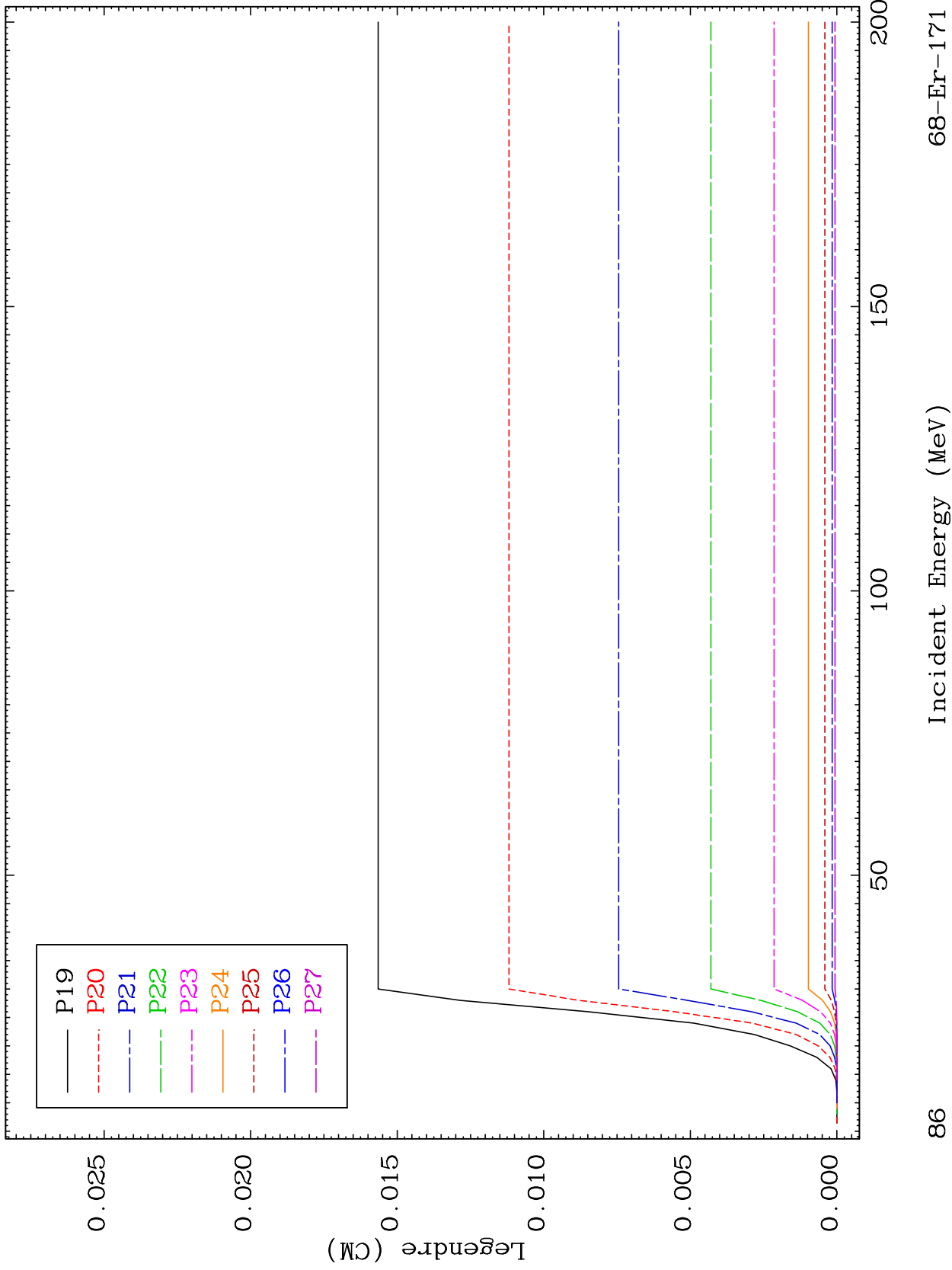
68-Er-171



85

Incident Energy (MeV)

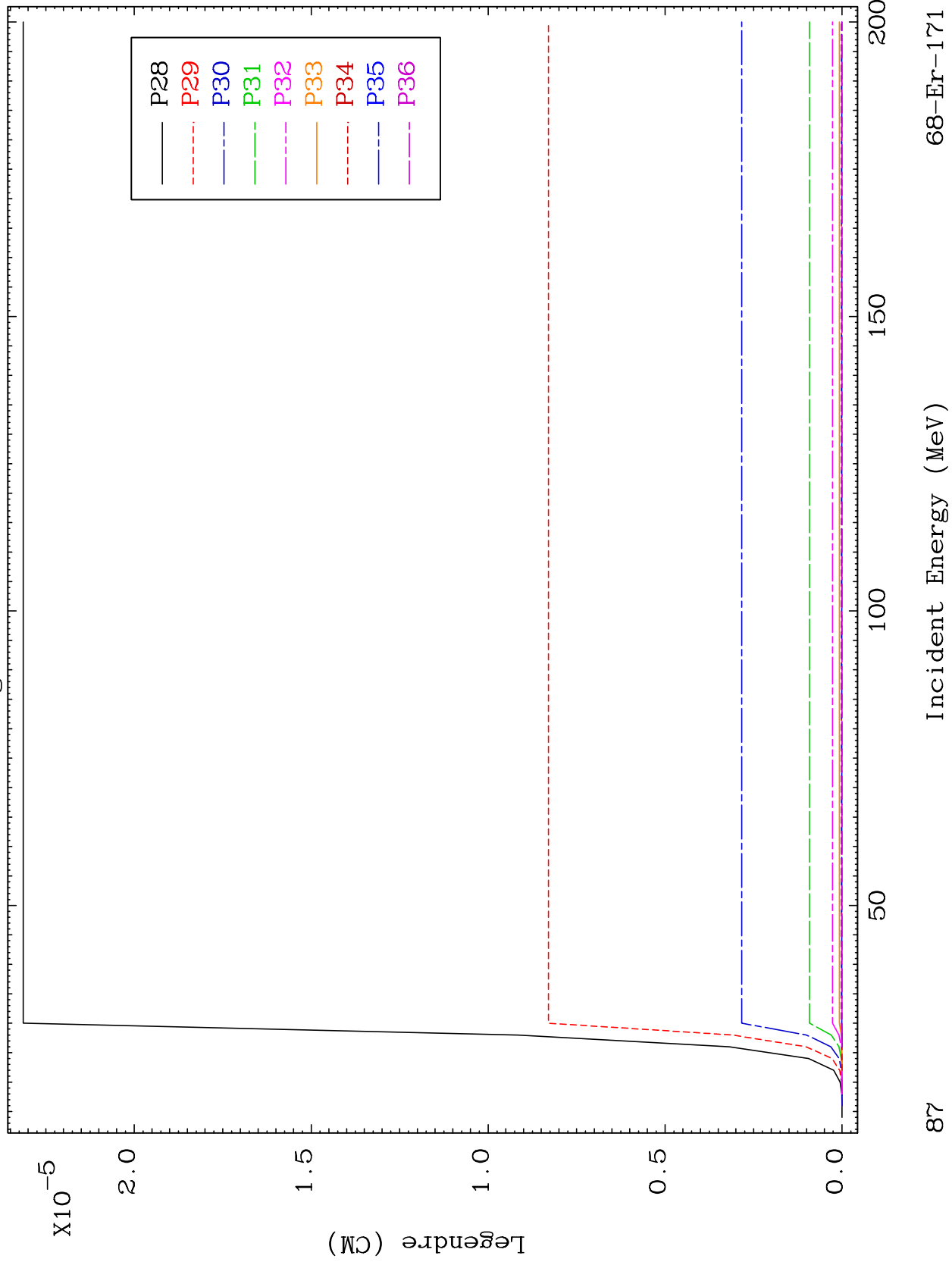
68-Er-171



MAT 6852

707.0 keV (n,n') Level
Legendre Coefficients

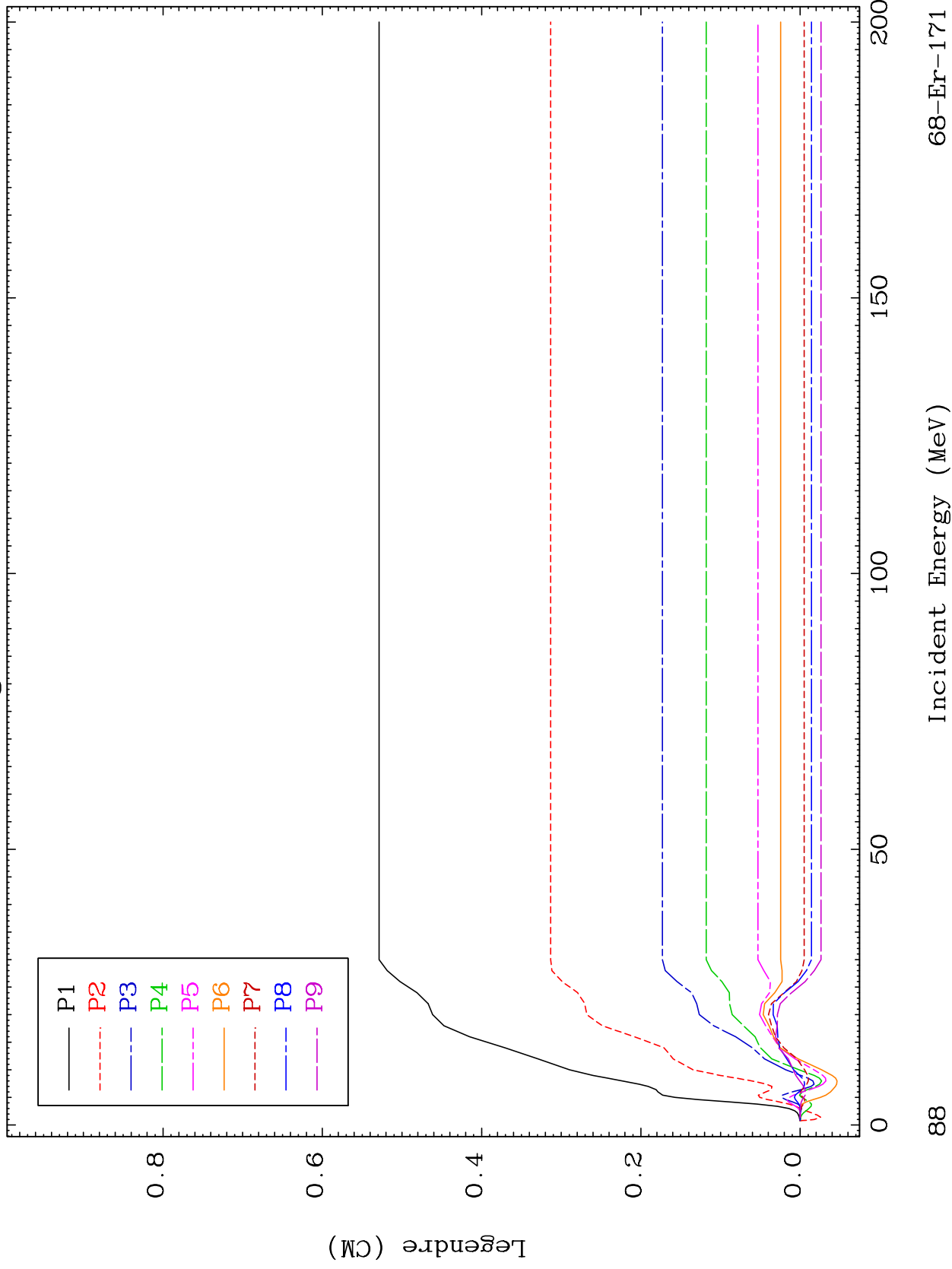
68-Er-171



MAT 6852

727.6 keV (n,n') Level
Legendre Coefficients

68-Er-171



68-Er-171

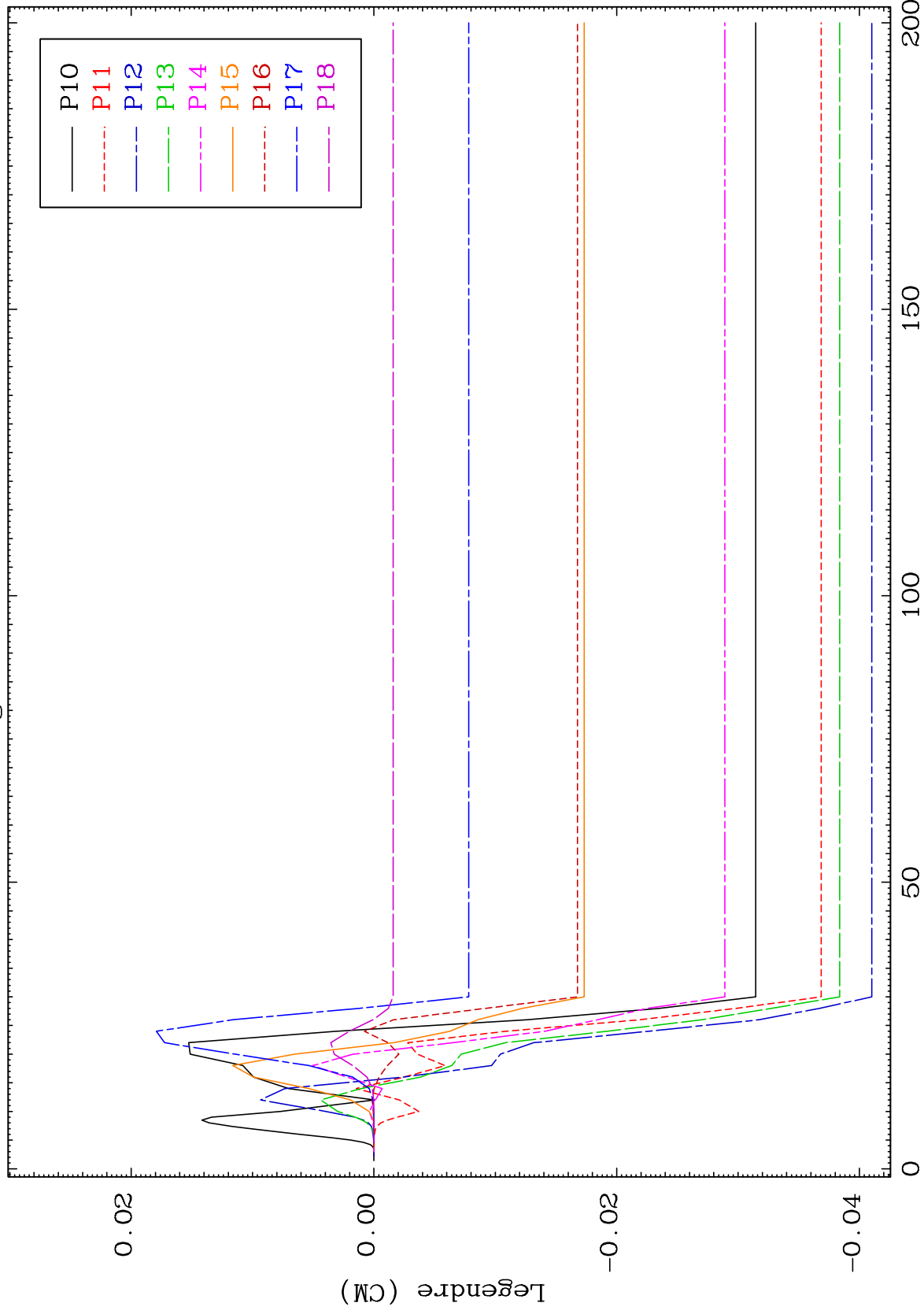
Incident Energy (MeV)

88

MAT 6852

727.6 keV (n,n') Level
Legendre Coefficients

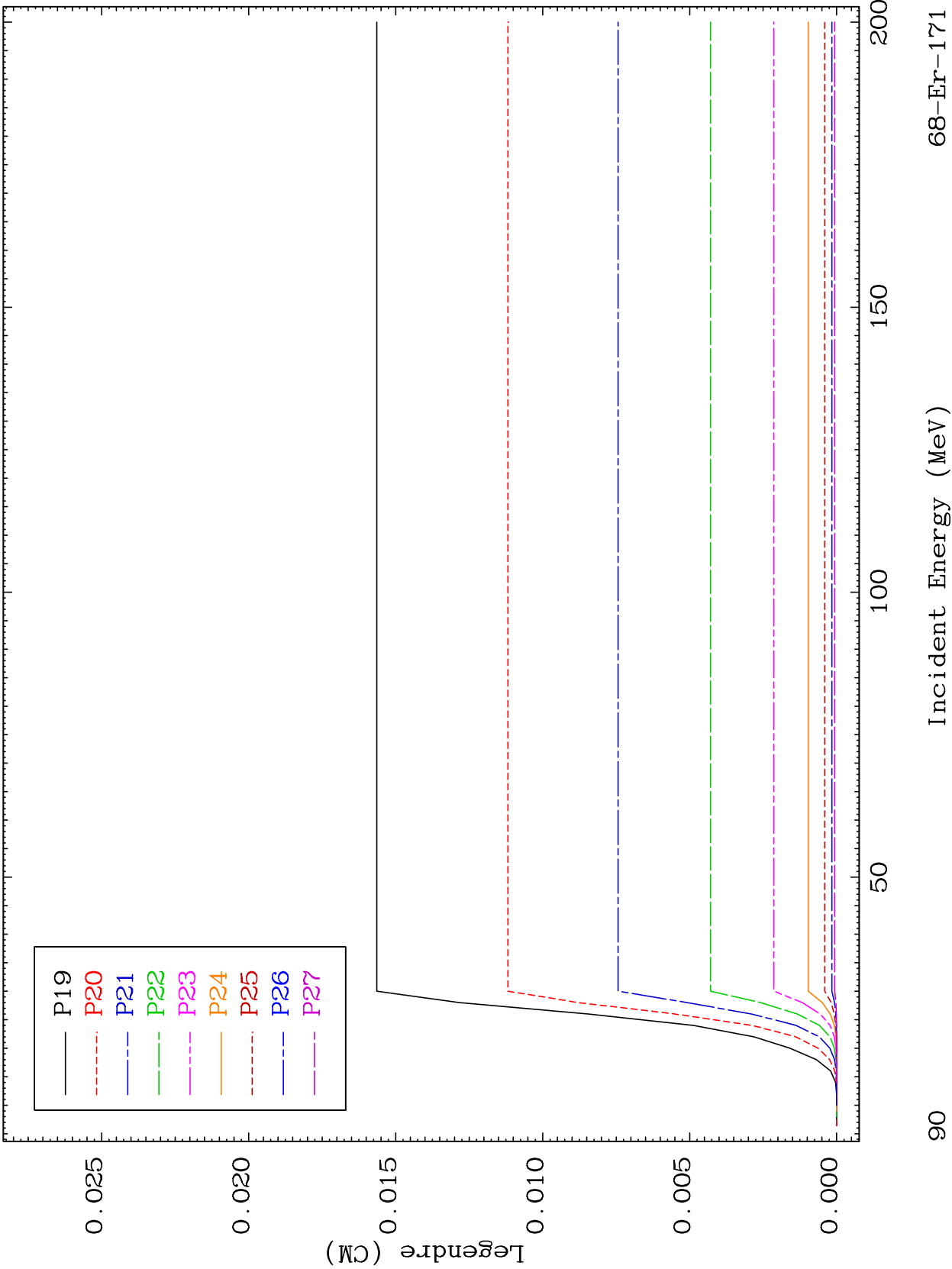
68-Er-171

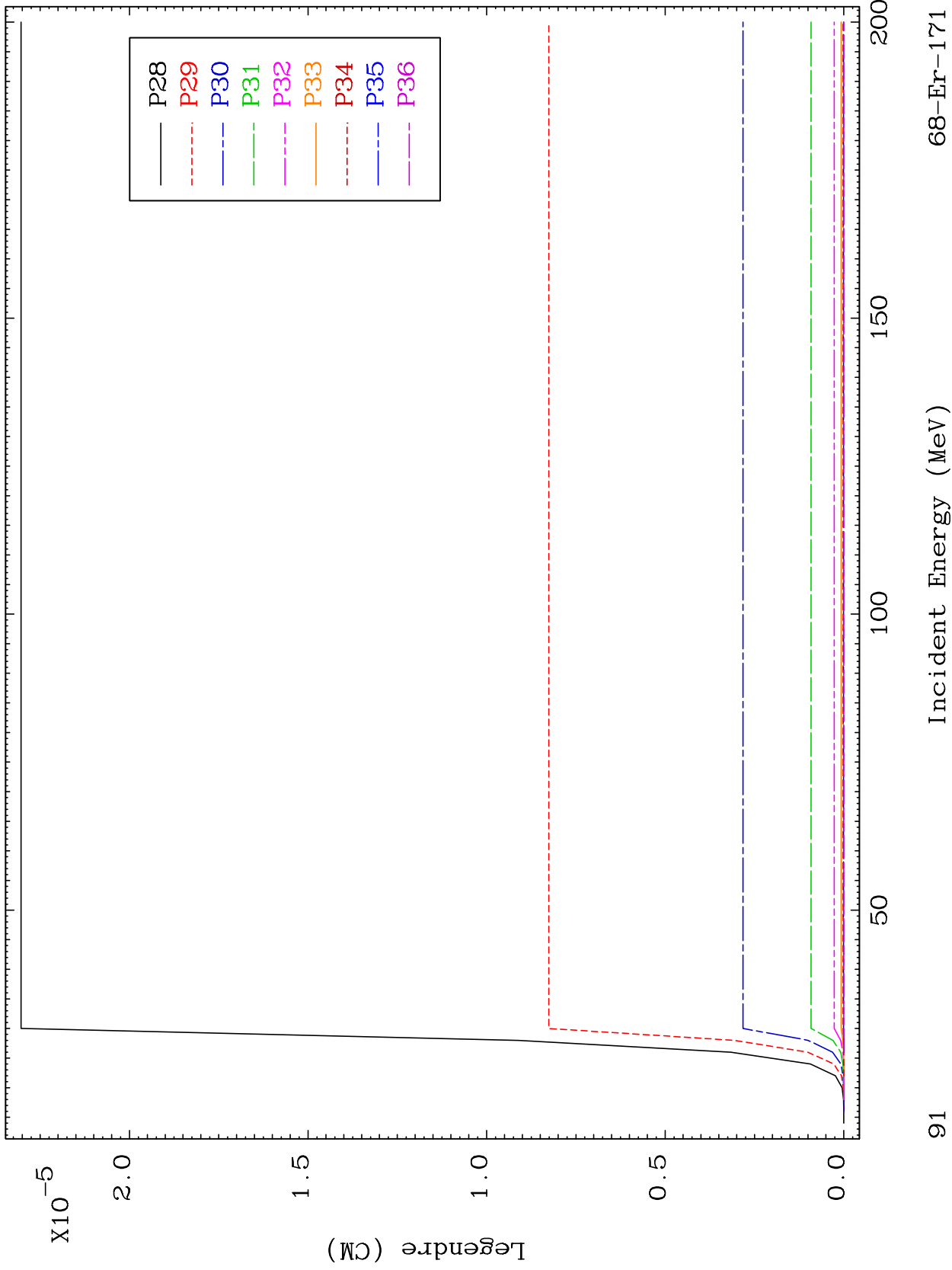


89

Incident Energy (MeV)

68-Er-171

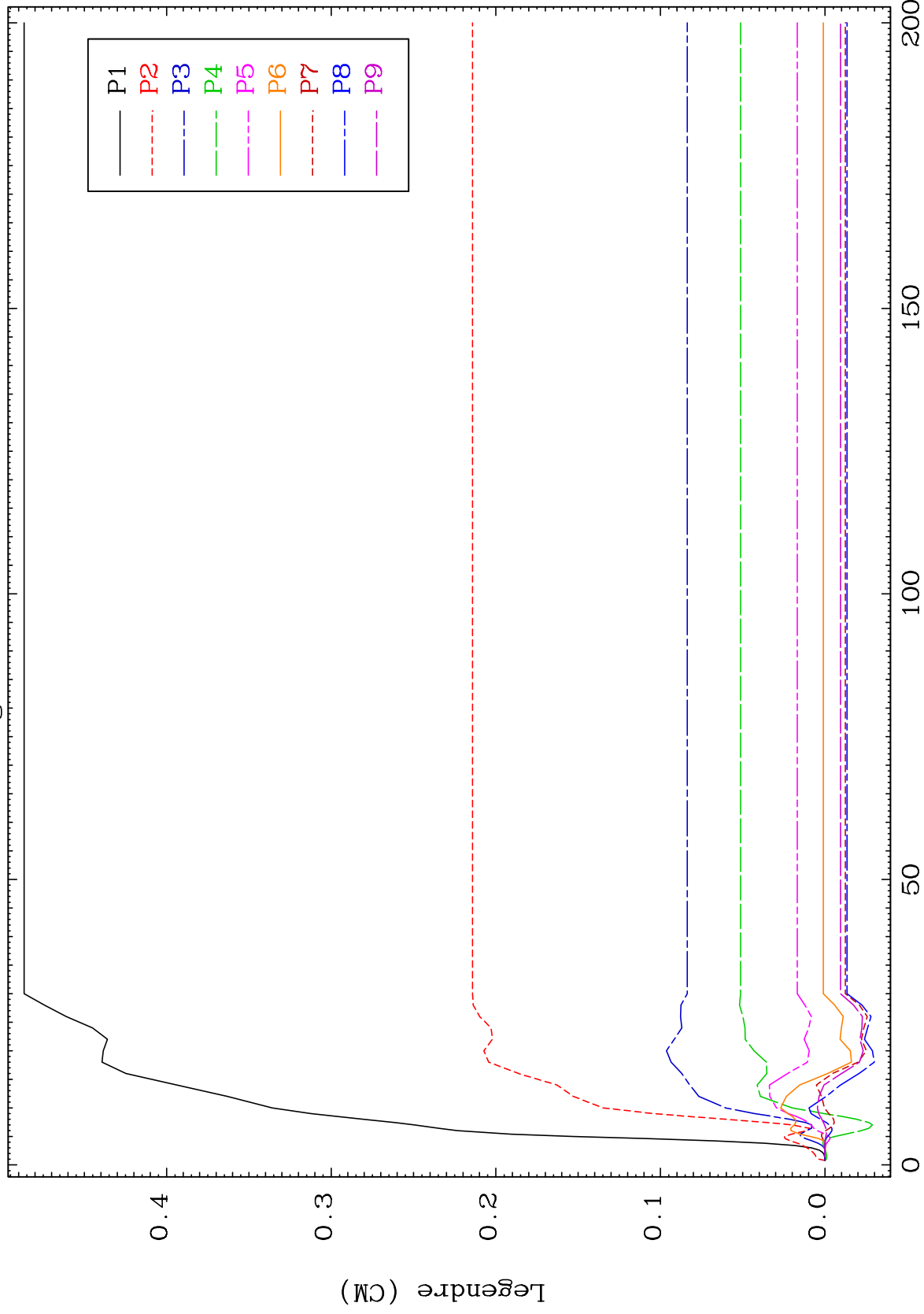




MAT 6852

736.8 keV (n,n') Level
Legendre Coefficients

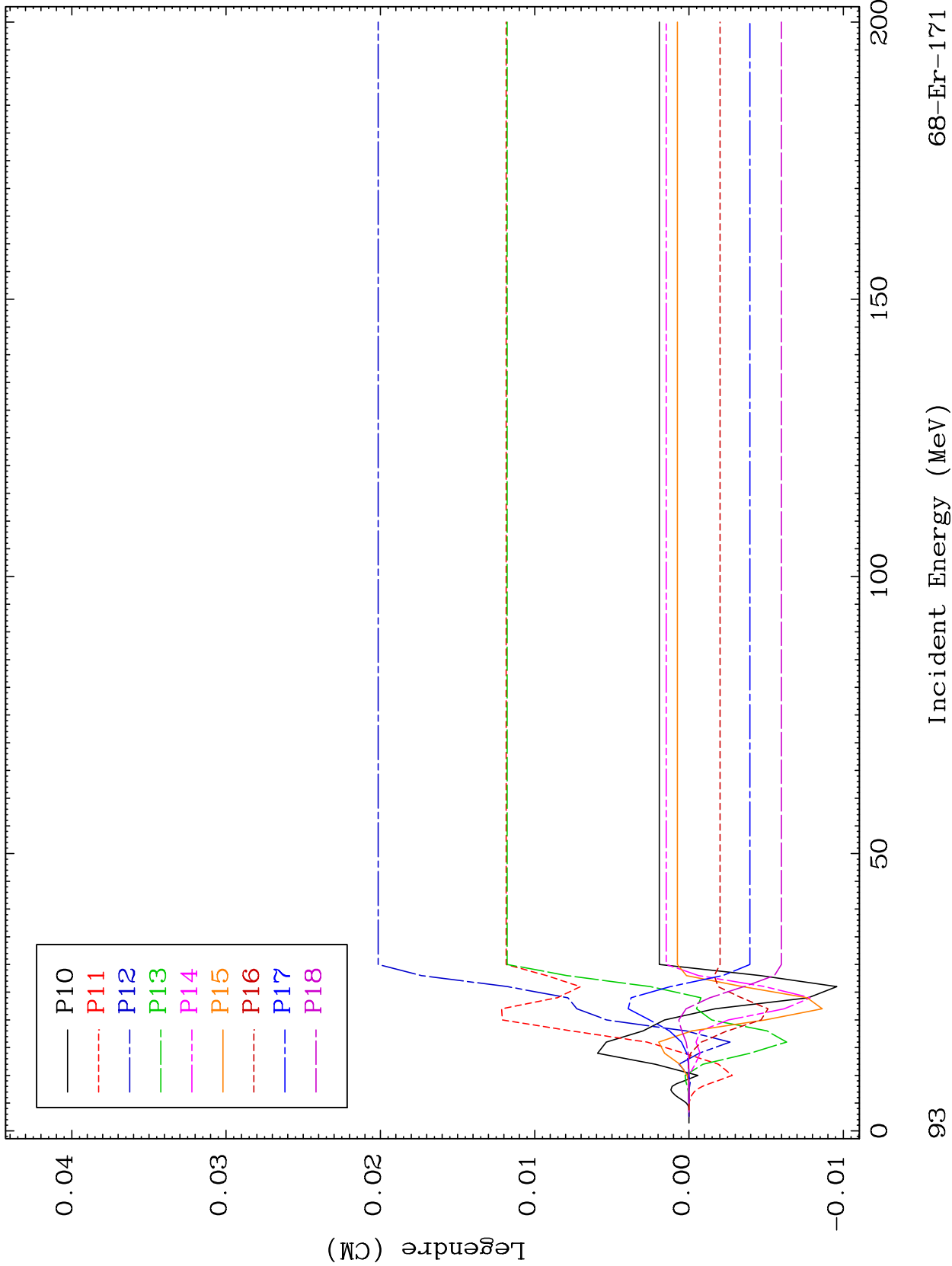
68-Er-171

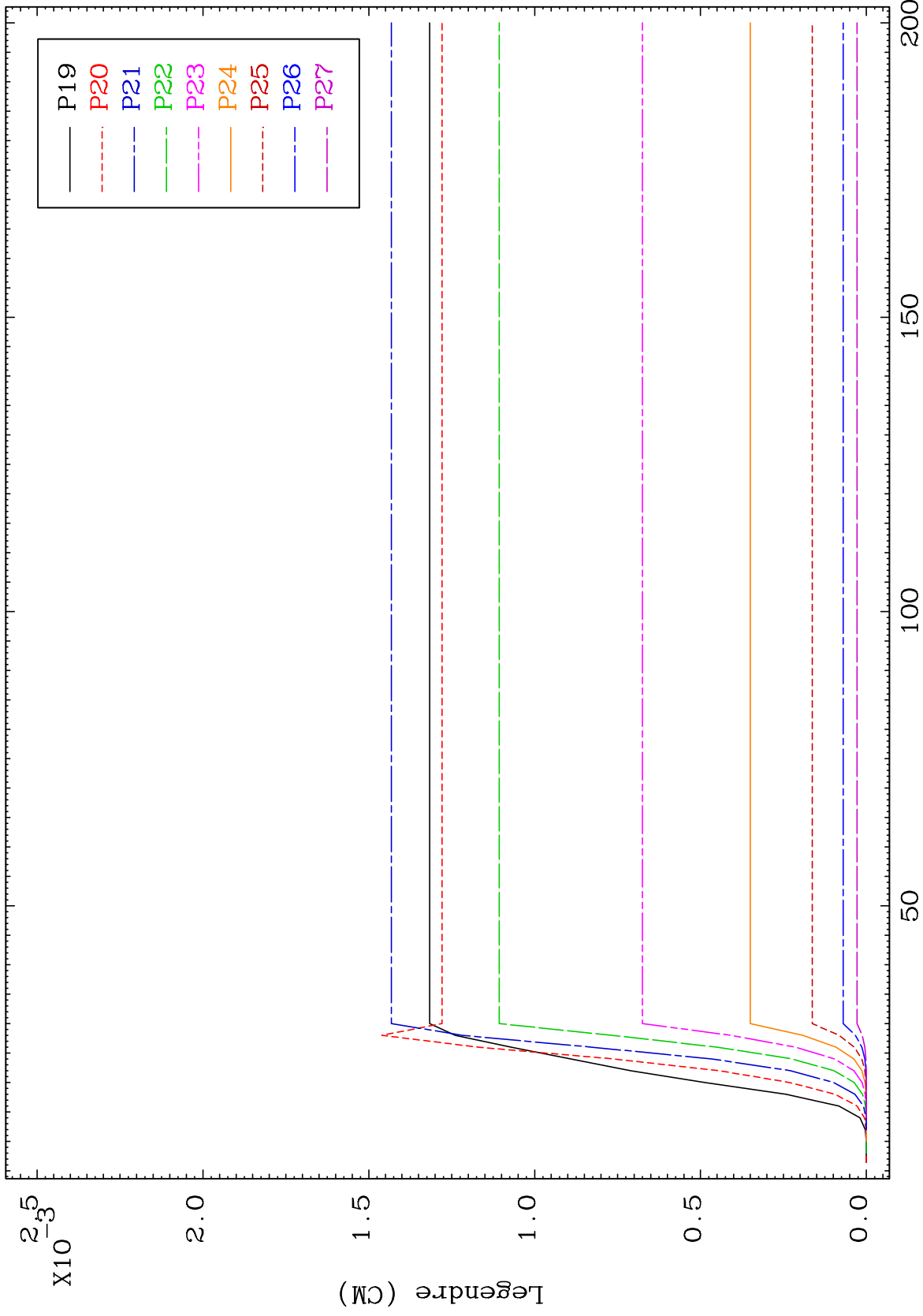


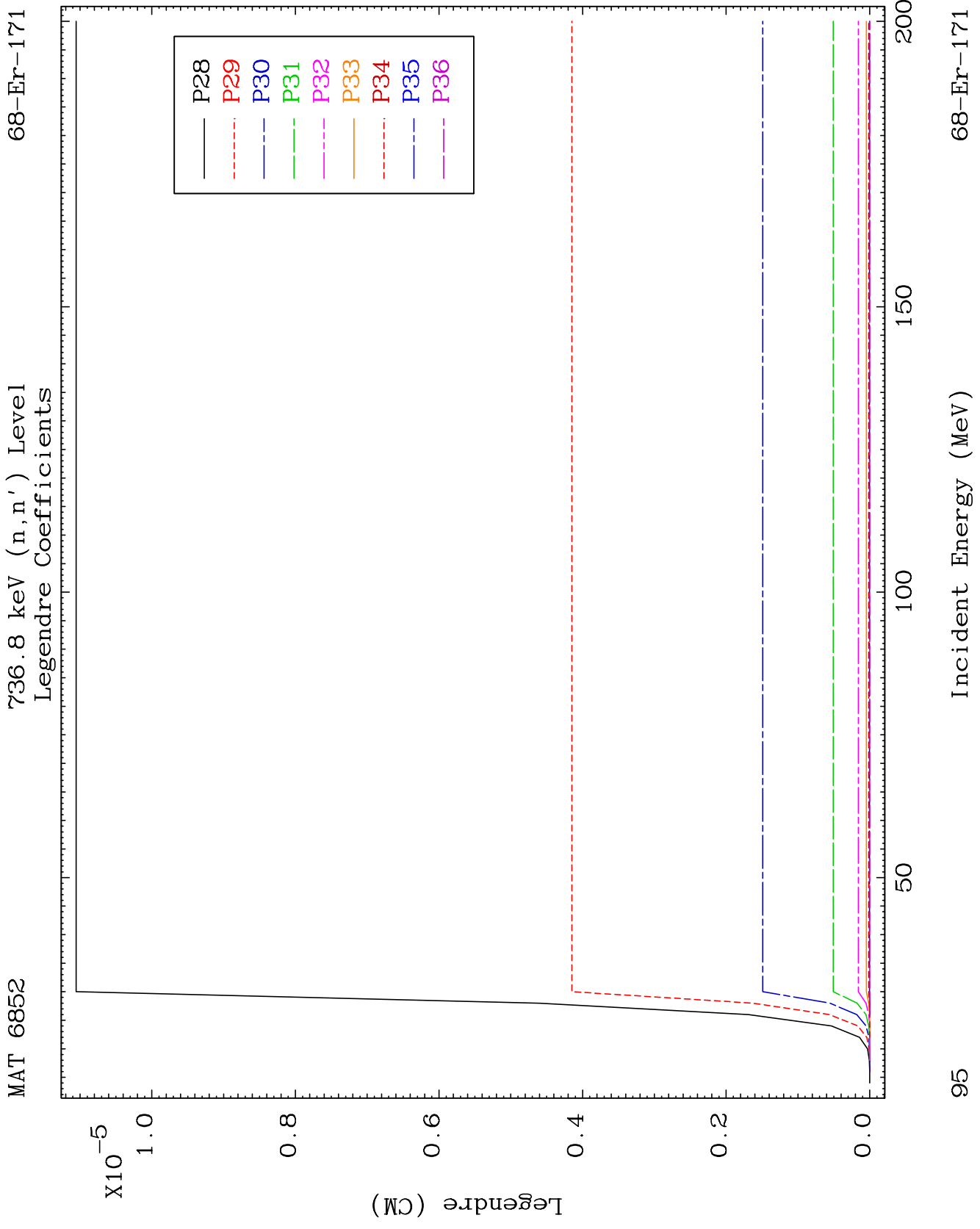
92

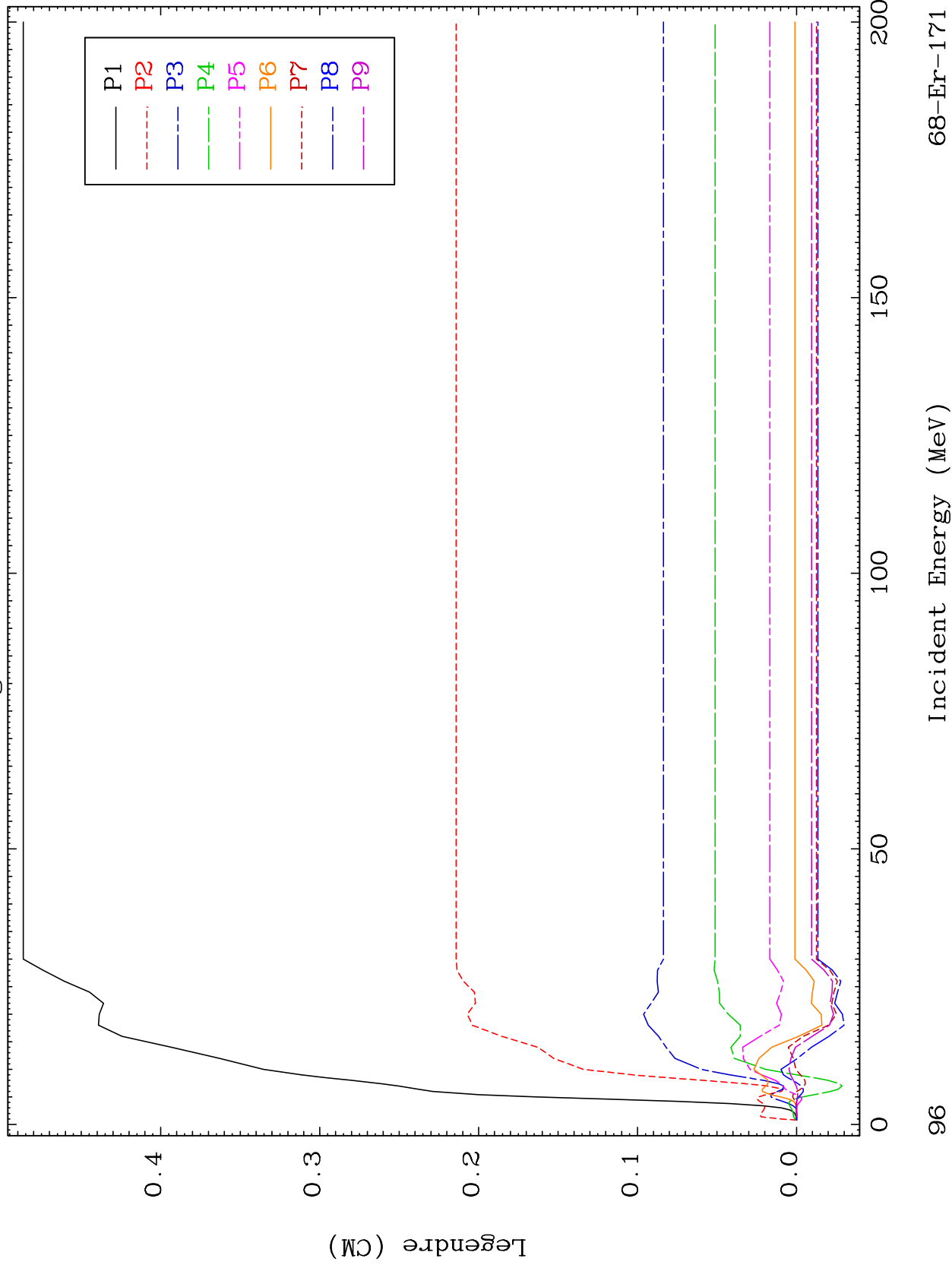
Incident Energy (MeV)

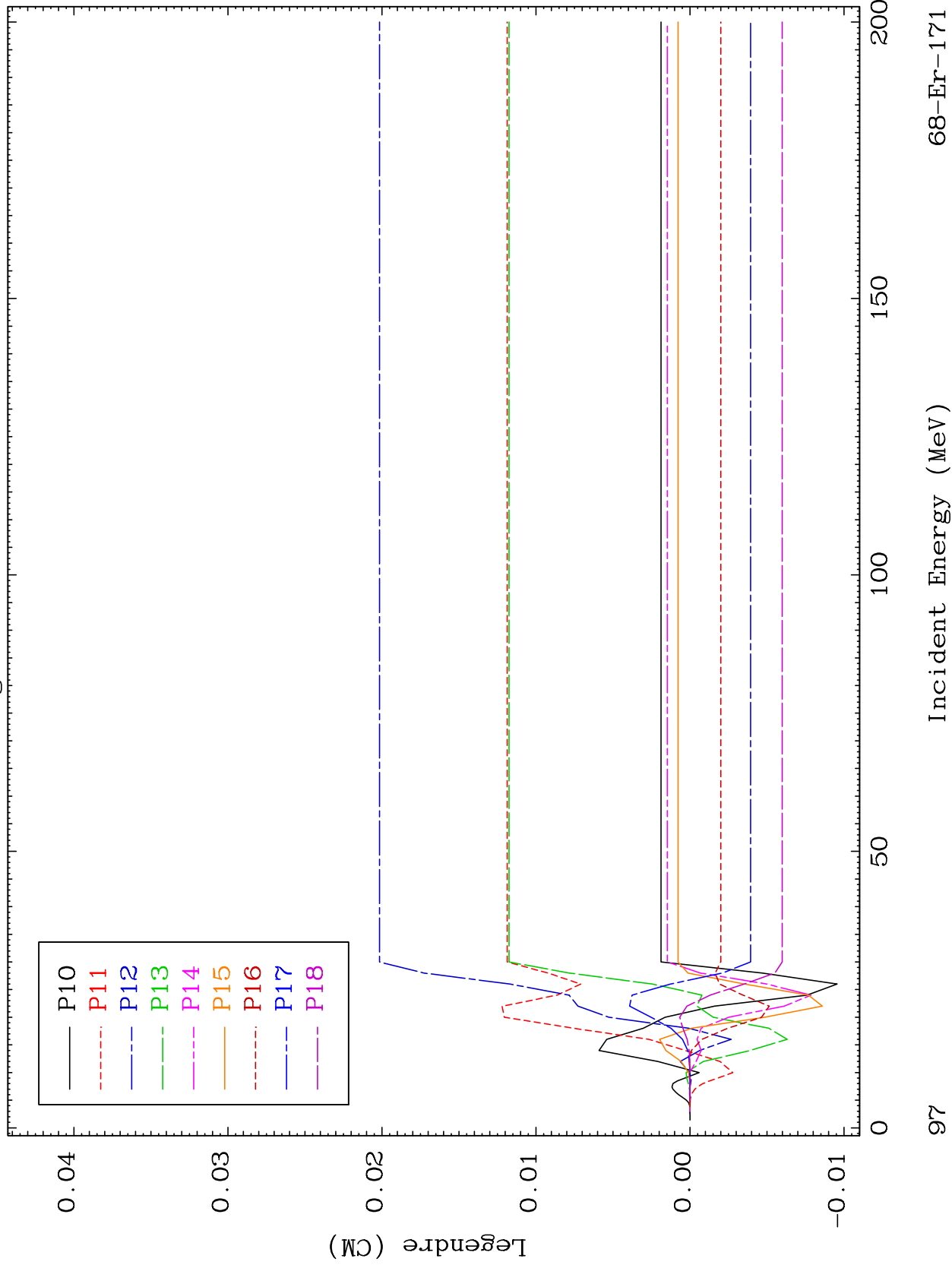
68-Er-171

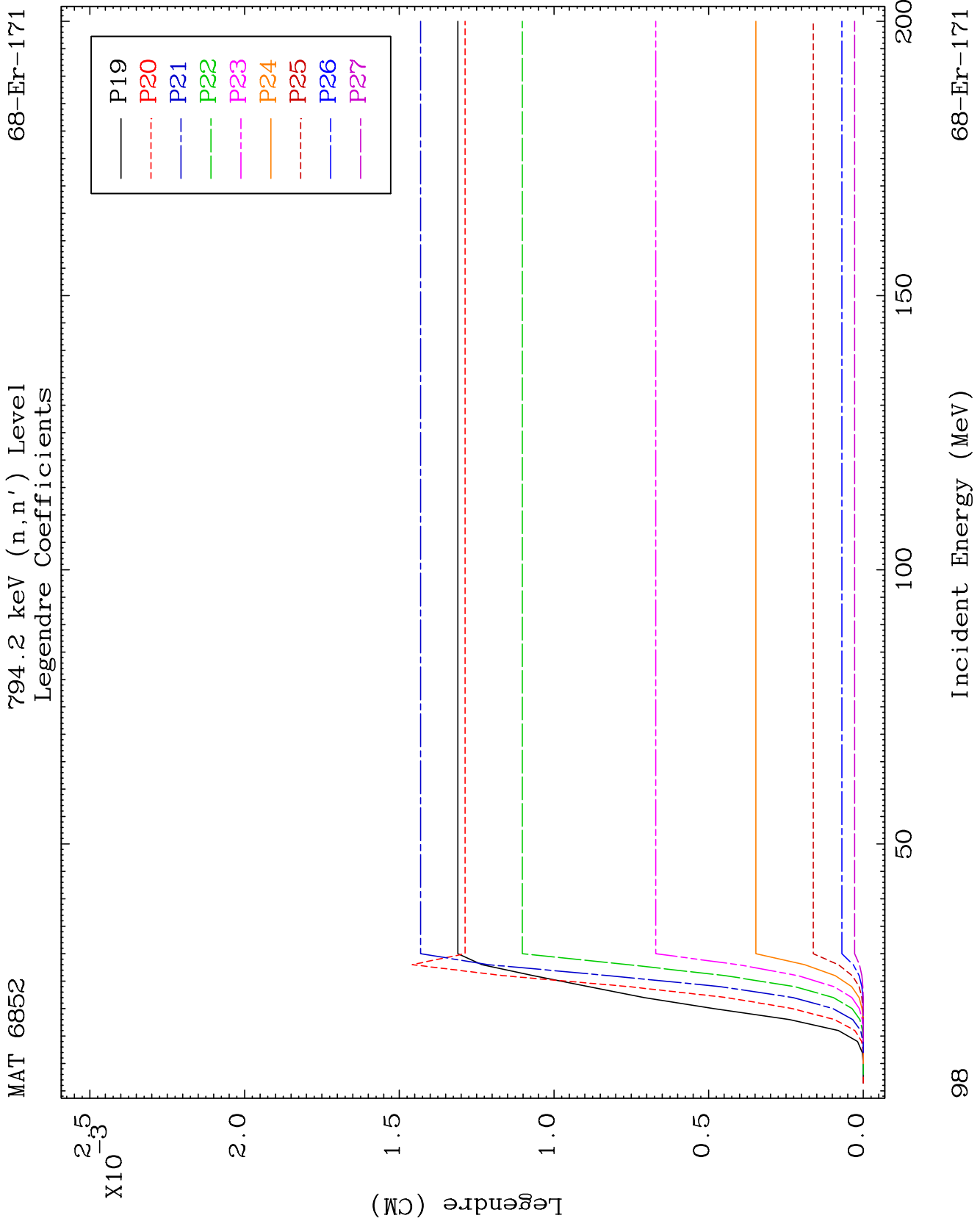








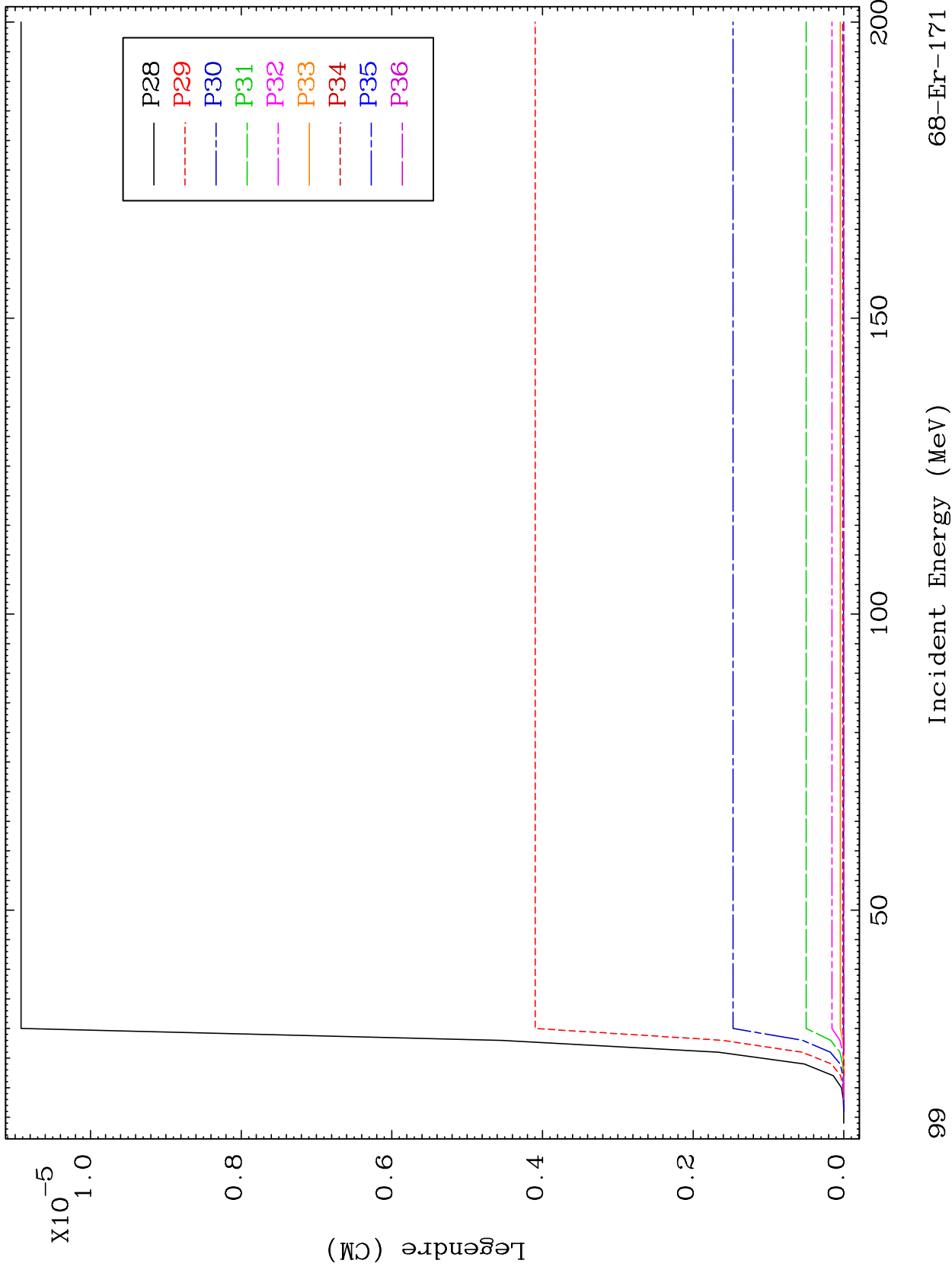




MAT 6852

794.2 keV (n,n') Level
Legendre Coefficients

68-Er-171

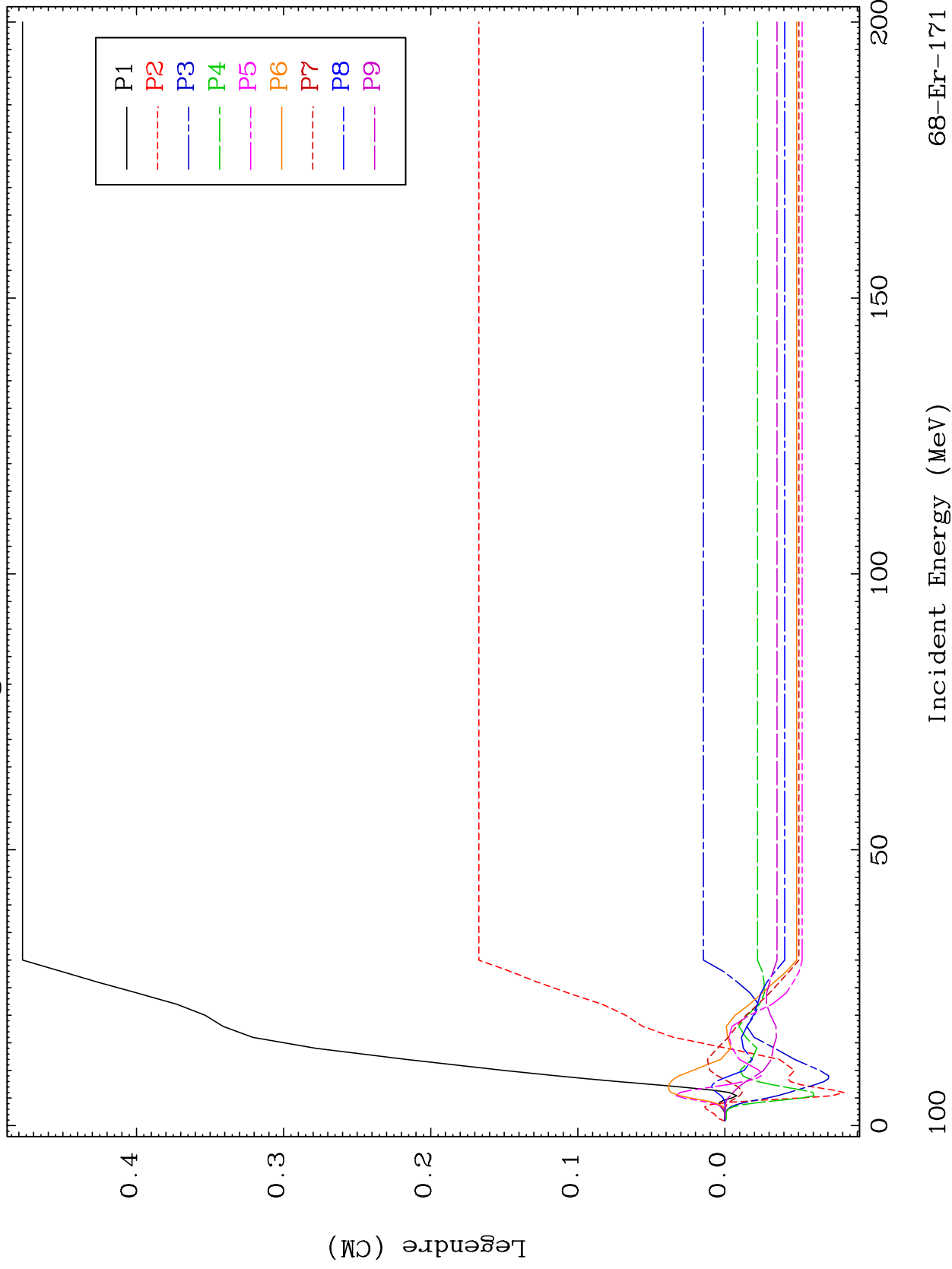


99

MAT 6852

841.2 keV (n,n') Level
Legendre Coefficients

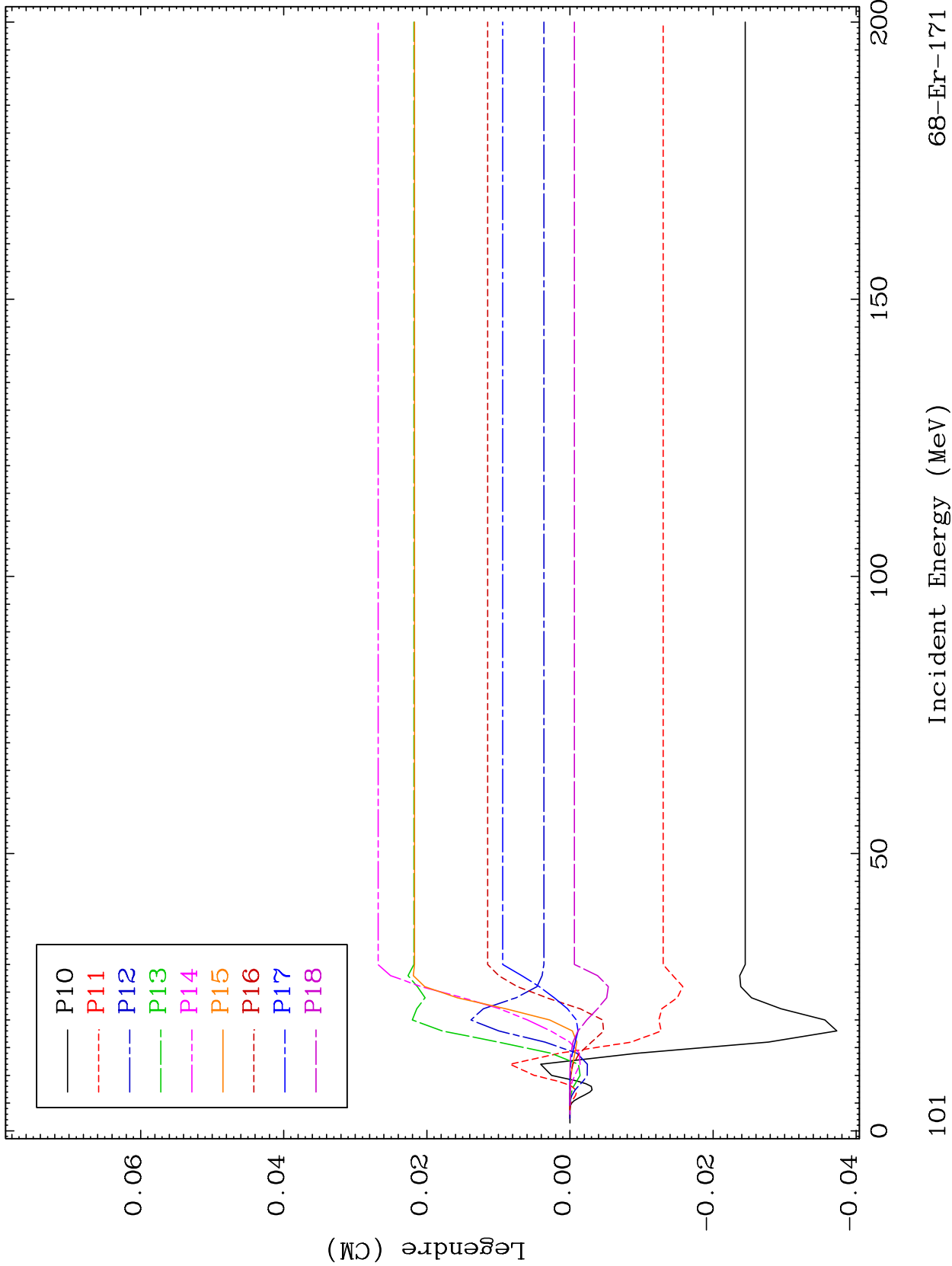
68-Er-171



MAT 6852

841.2 keV (n,n') Level
Legendre Coefficients

68-Er-171



68-Er-171

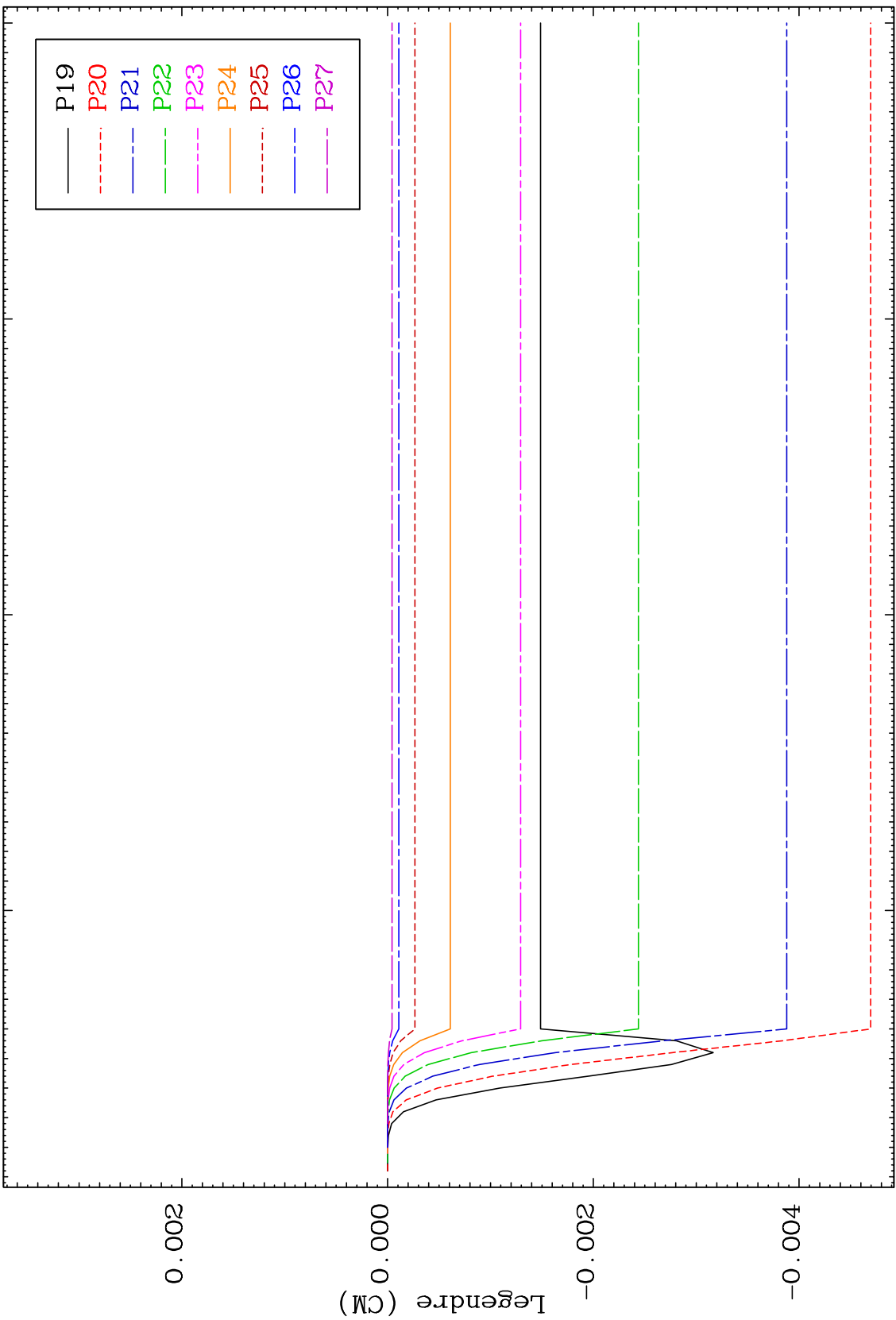
Incident Energy (MeV)

101

MAT 6852

841.2 keV (n,n') Level
Legendre Coefficients

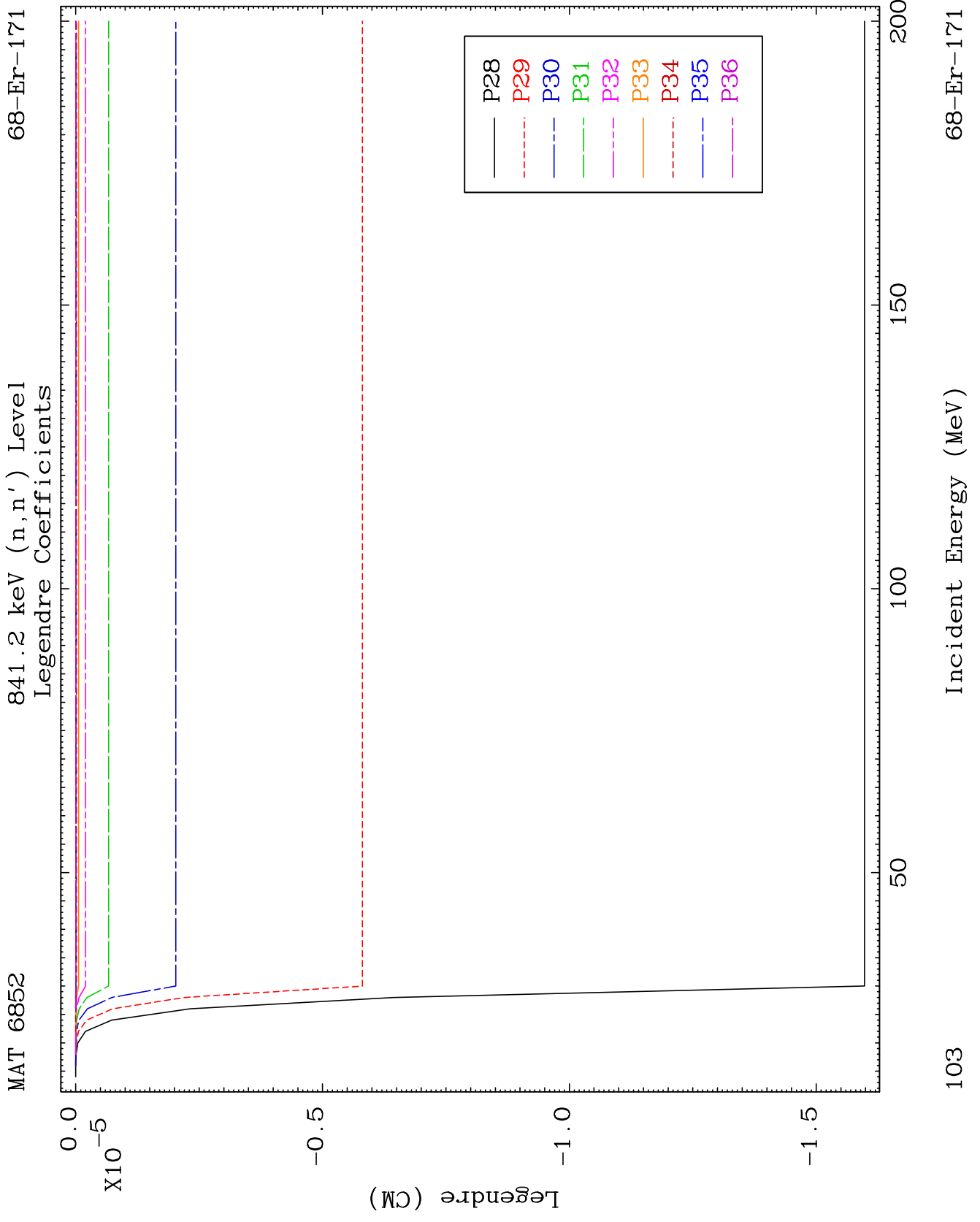
68-Er-171



102

Incident Energy (MeV)

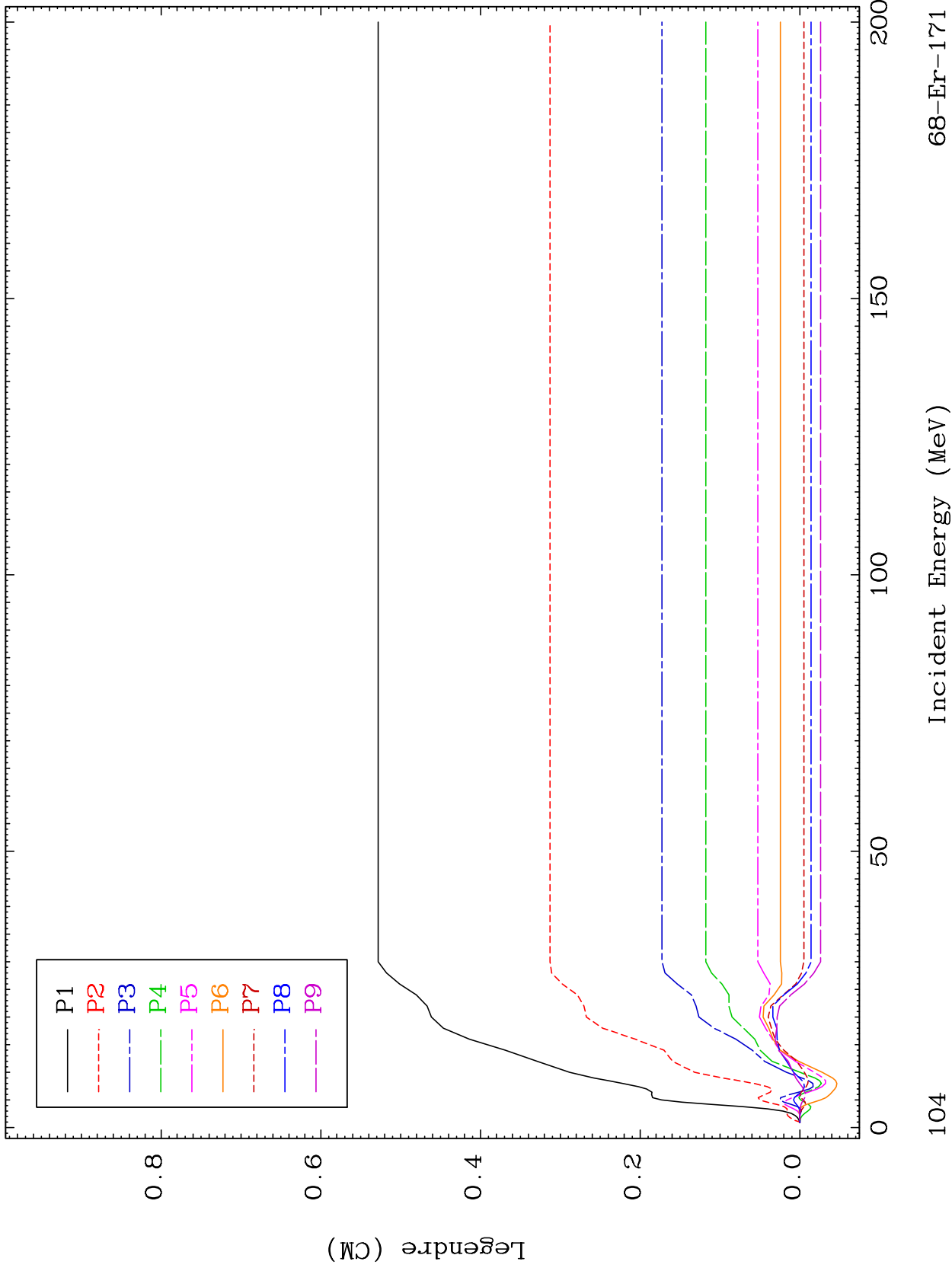
68-Er-171



MAT 6852

880.0 keV (n,n') Level
Legendre Coefficients

68-Er-171



68-Er-171

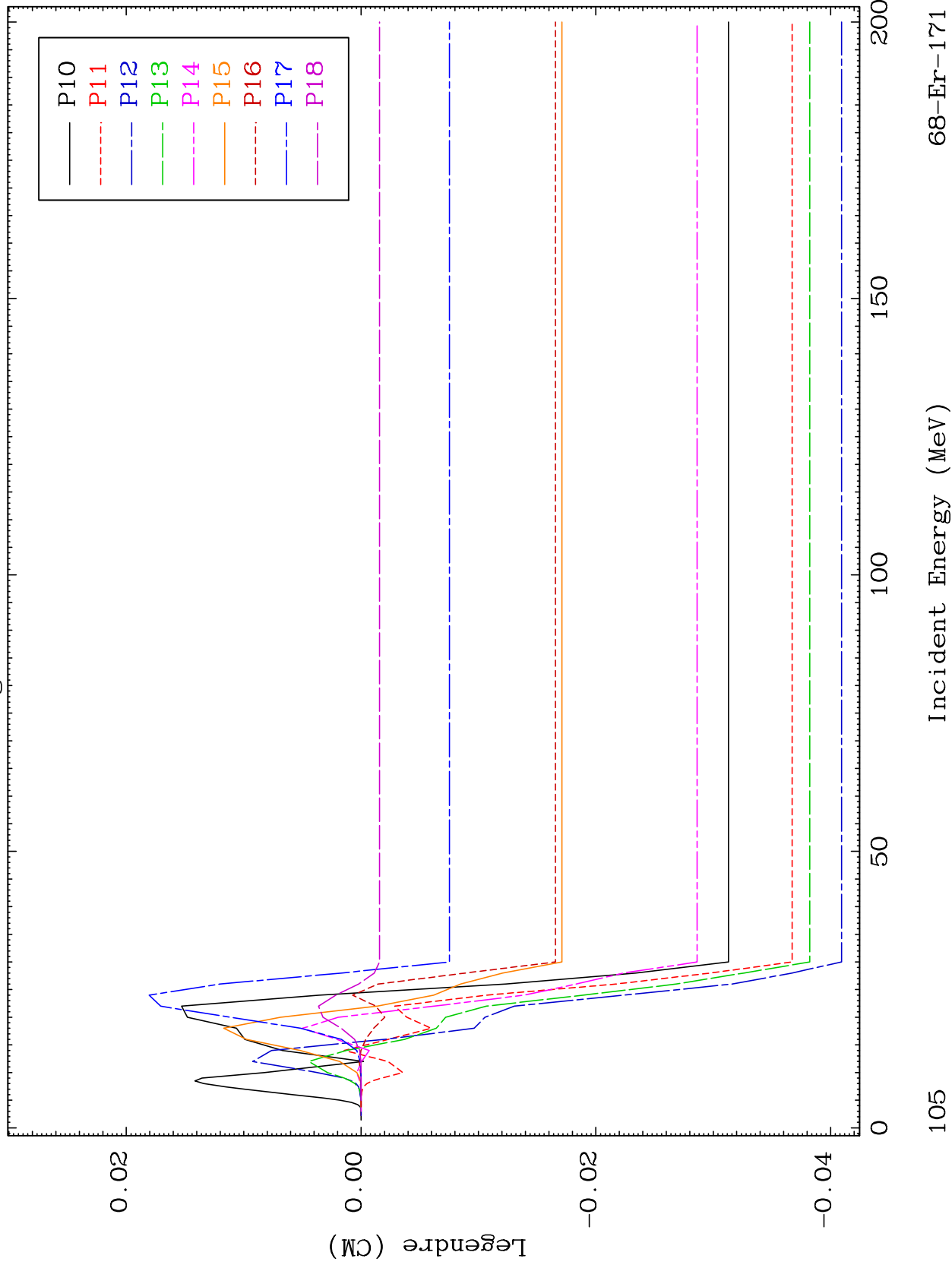
Incident Energy (MeV)

104

MAT 6852

880.0 keV (n,n') Level
Legendre Coefficients

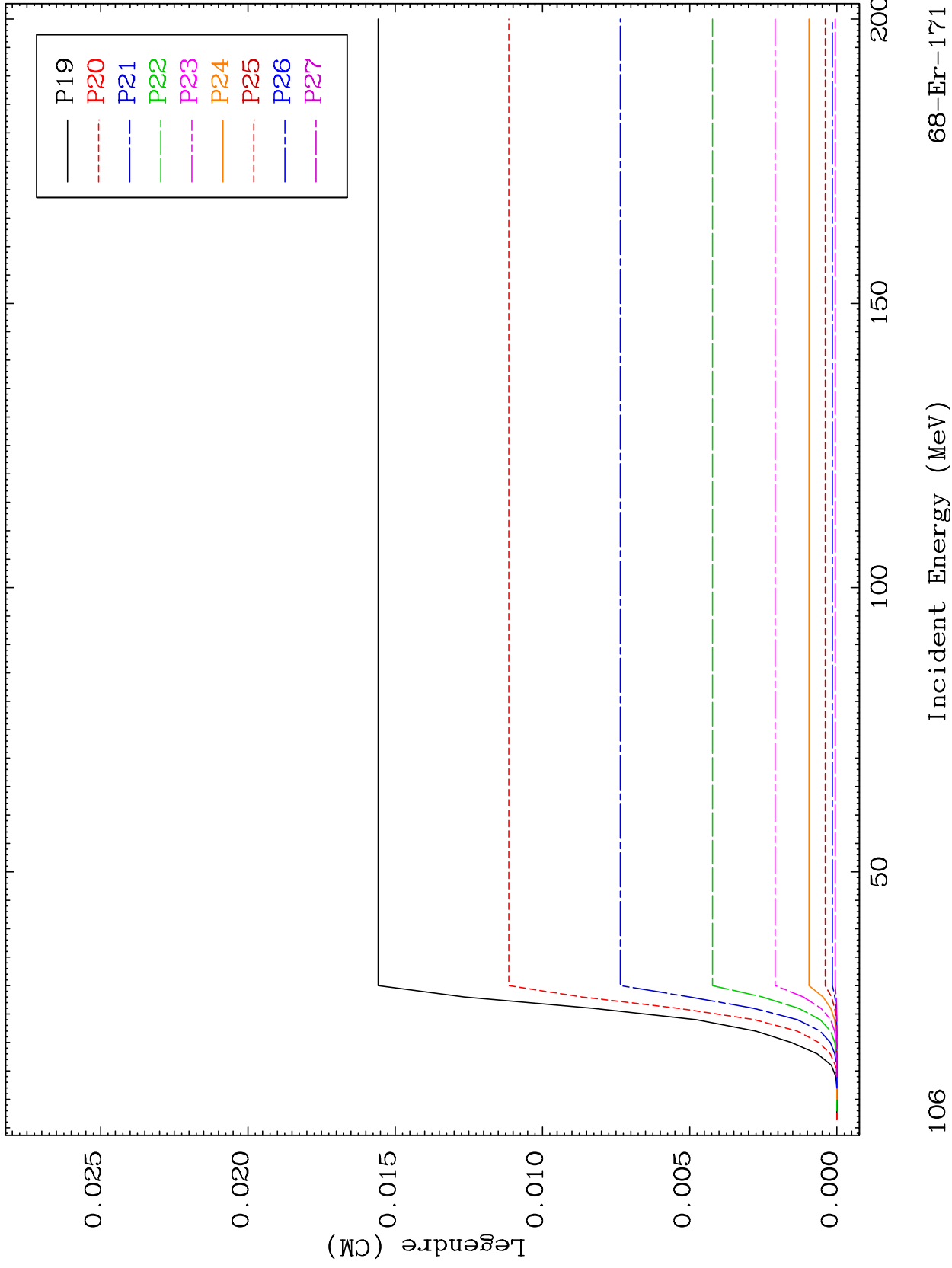
68-Er-171



68-Er-171

Incident Energy (MeV)

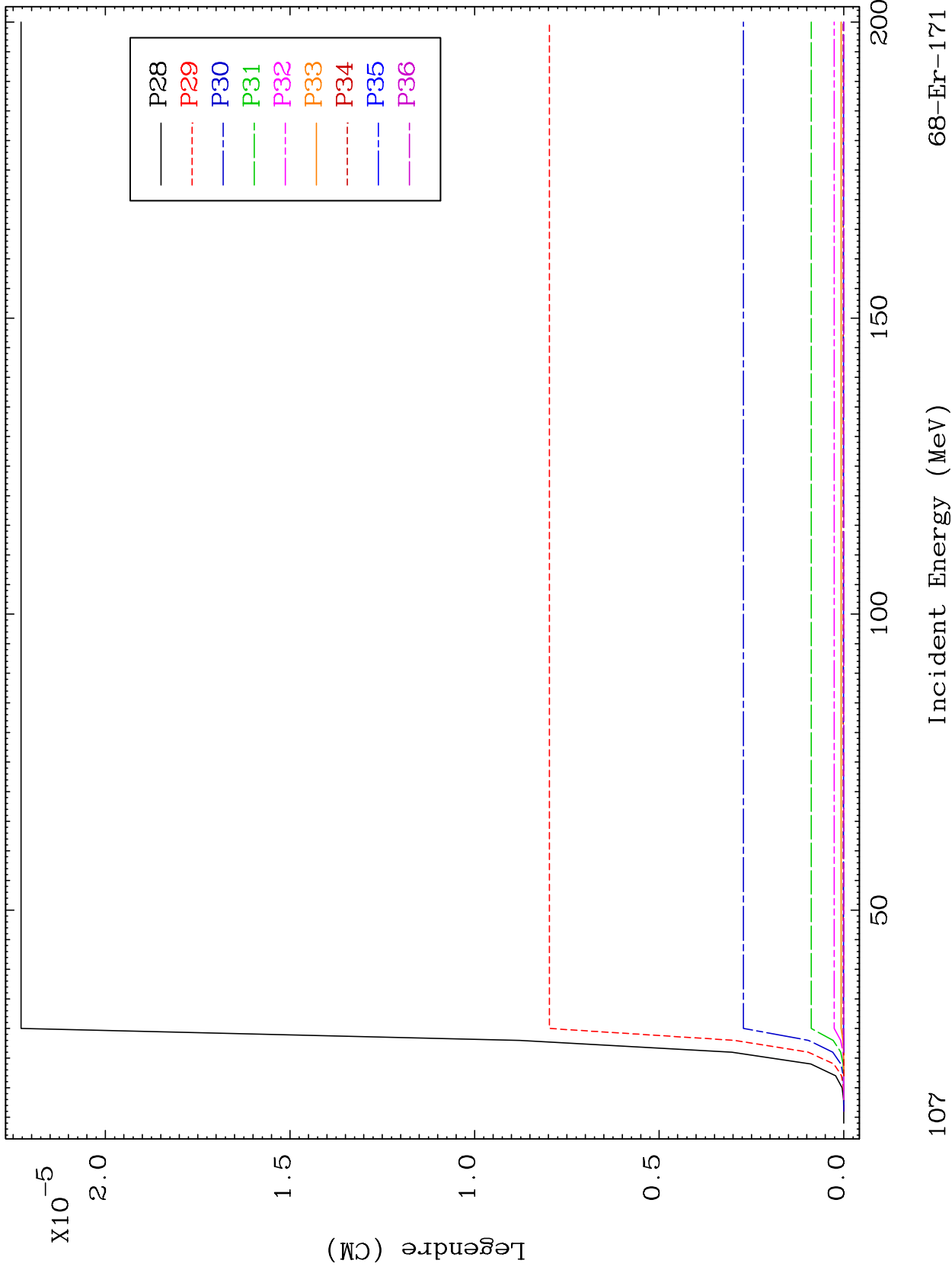
105



MAT 6852

880.0 keV (n,n') Level
Legendre Coefficients

68-Er-171



107

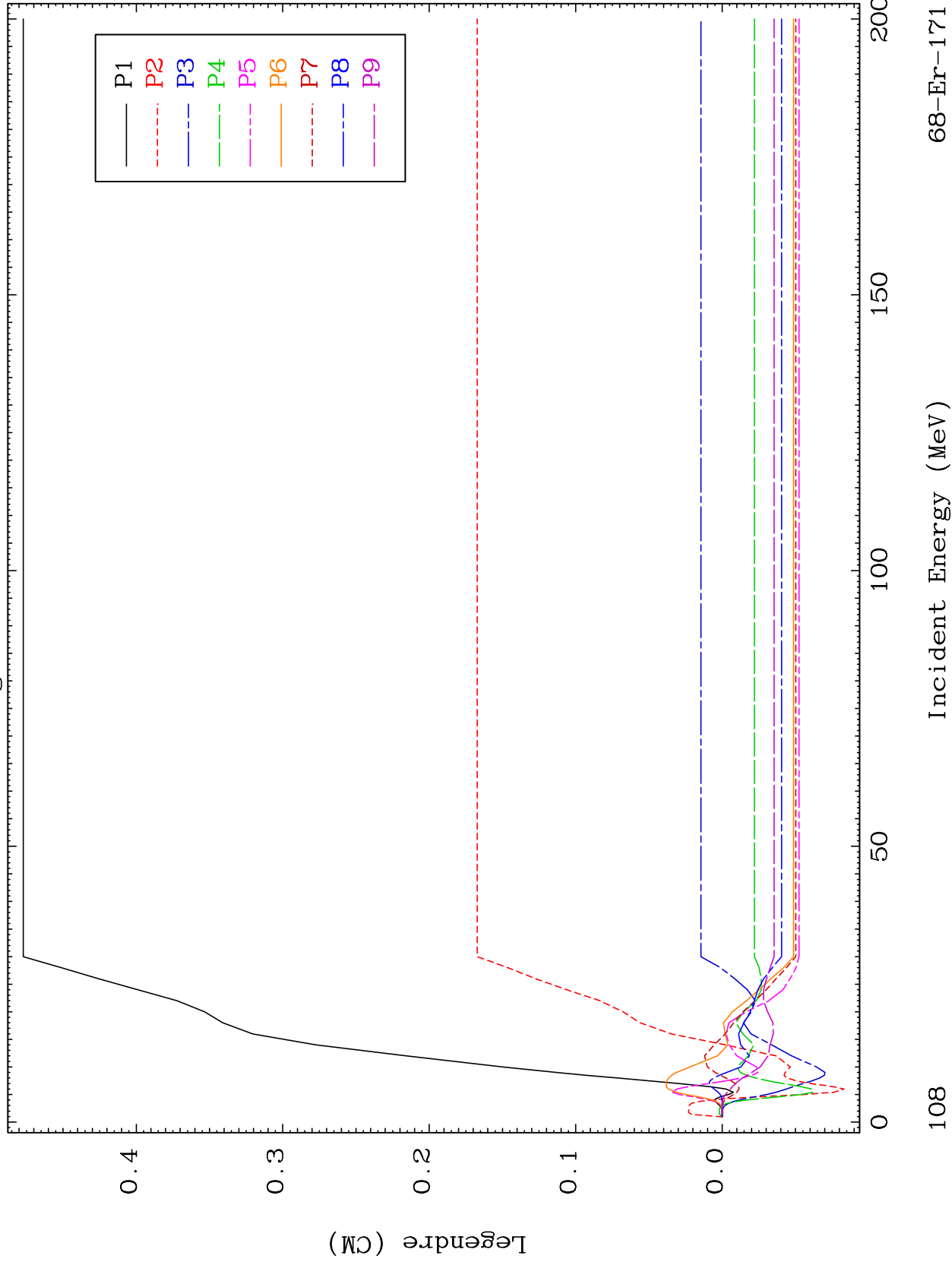
Incident Energy (MeV)

68-Er-171

MAT 6852

903.1 keV (n,n') Level
Legendre Coefficients

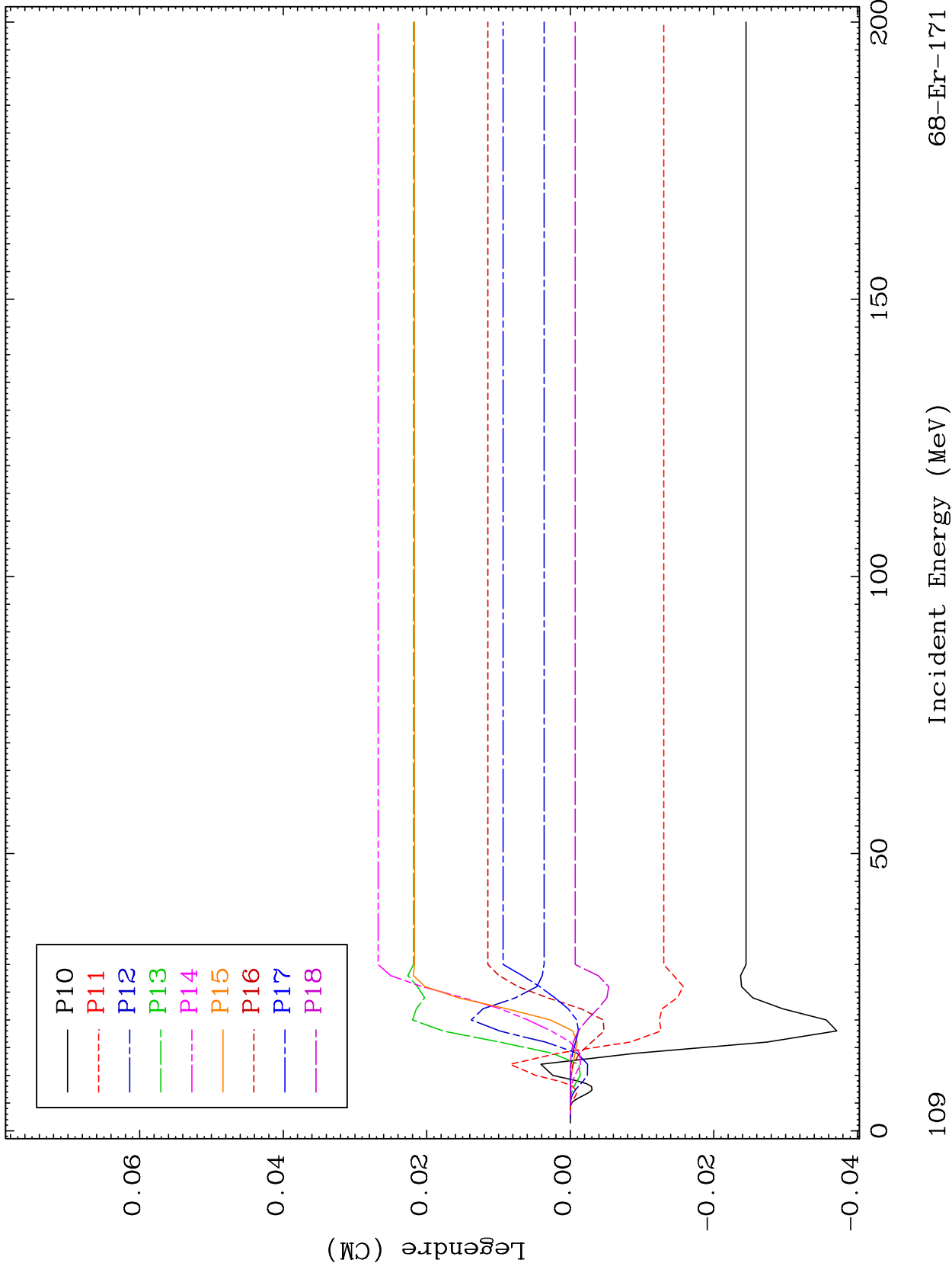
68-Er-171



68-Er-171

Incident Energy (MeV)

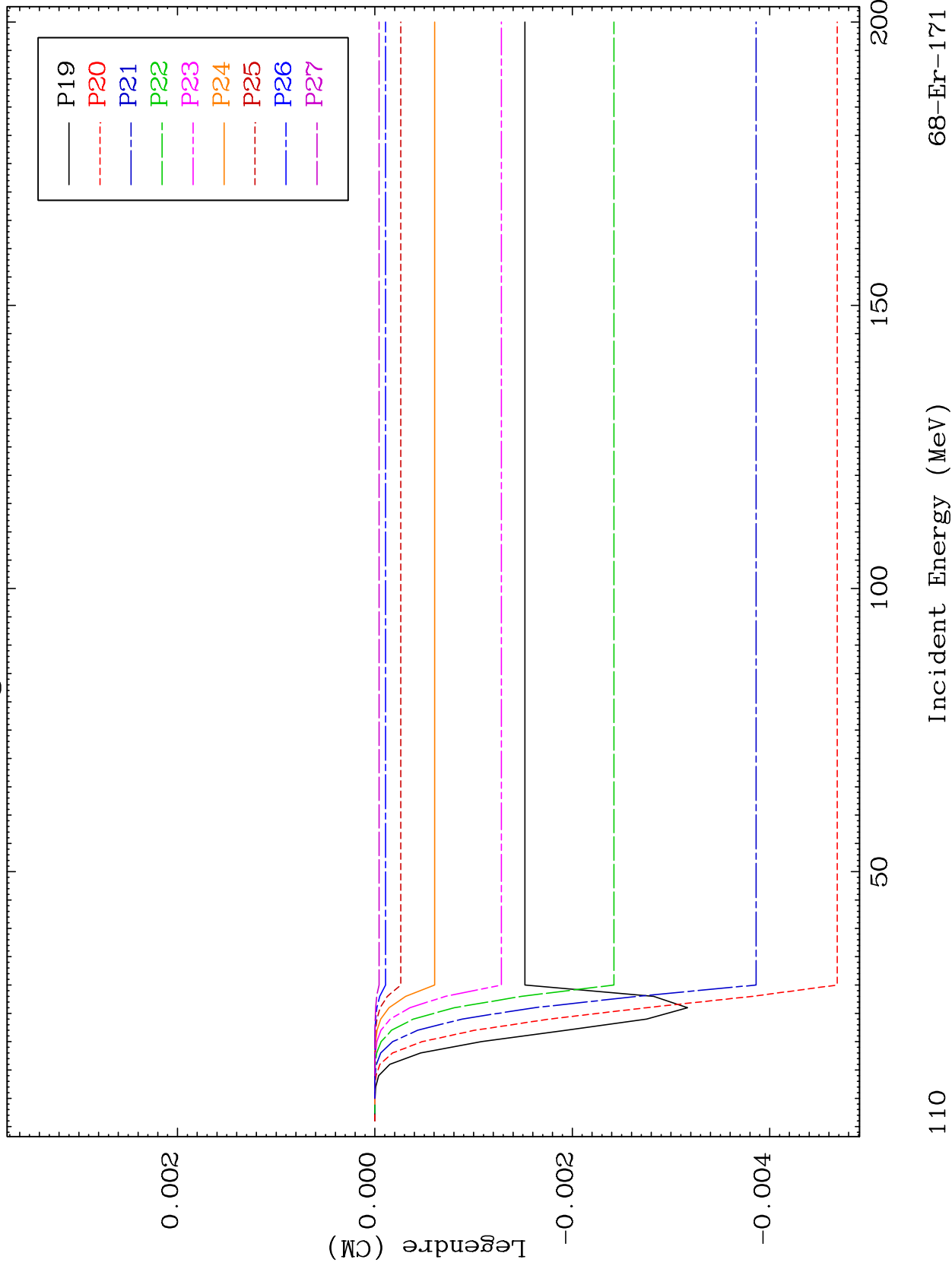
108



MAT 6852

903.1 keV (n,n') Level
Legendre Coefficients

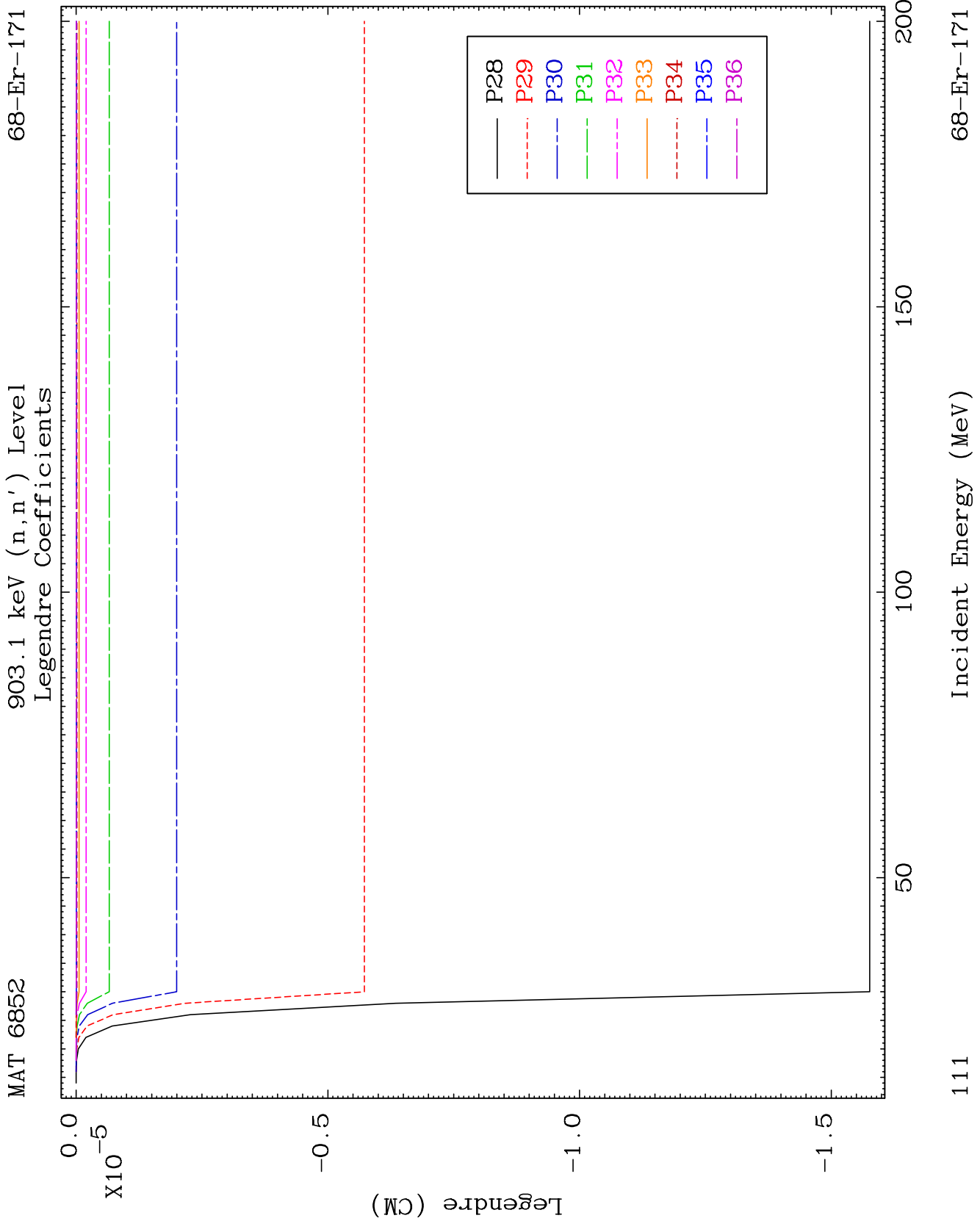
68-Er-171



110

Incident Energy (MeV)

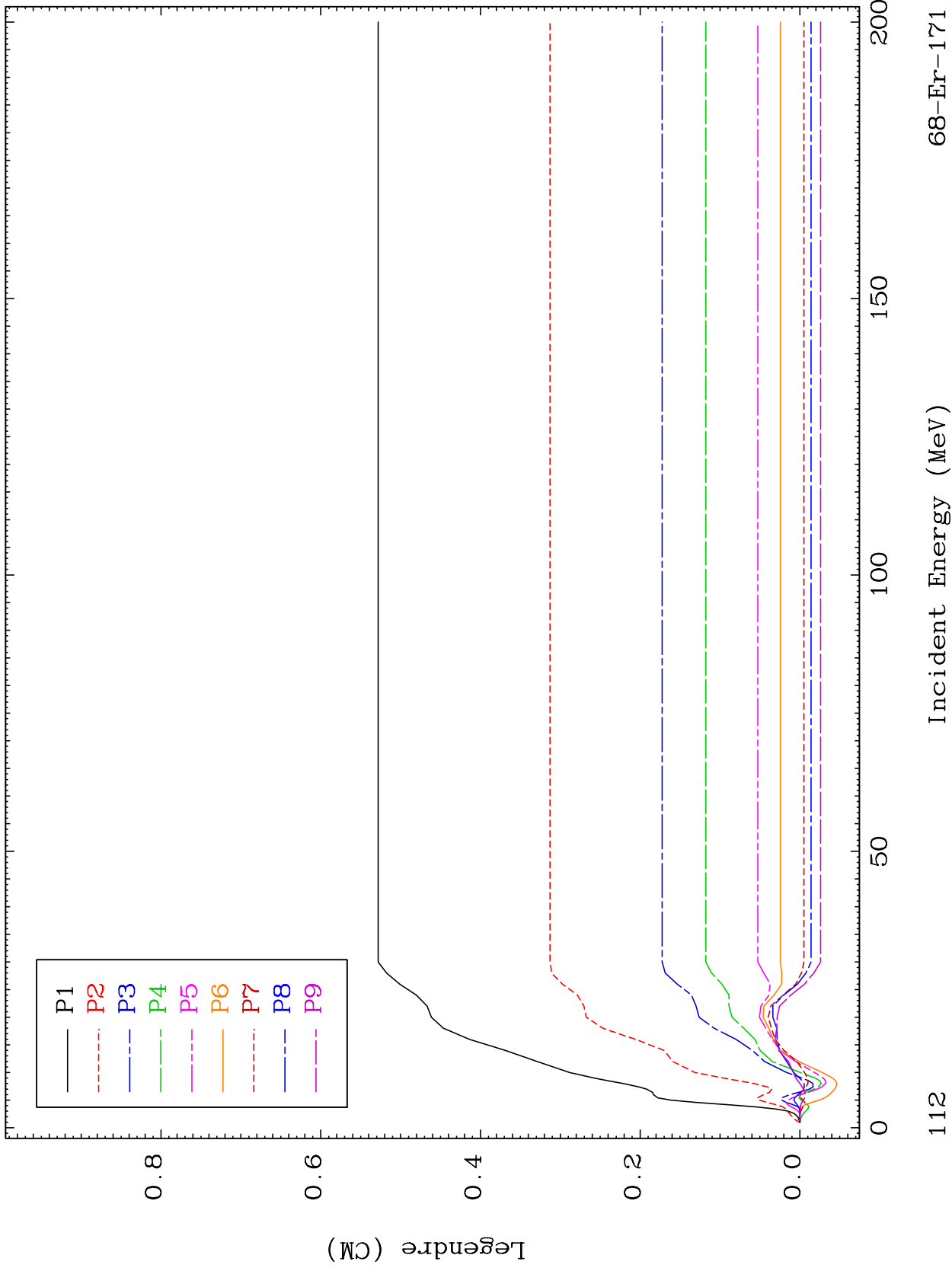
68-Er-171



MAT 6852

904.7 keV (n,n') Level
Legendre Coefficients

68-Er-171



68-Er-171

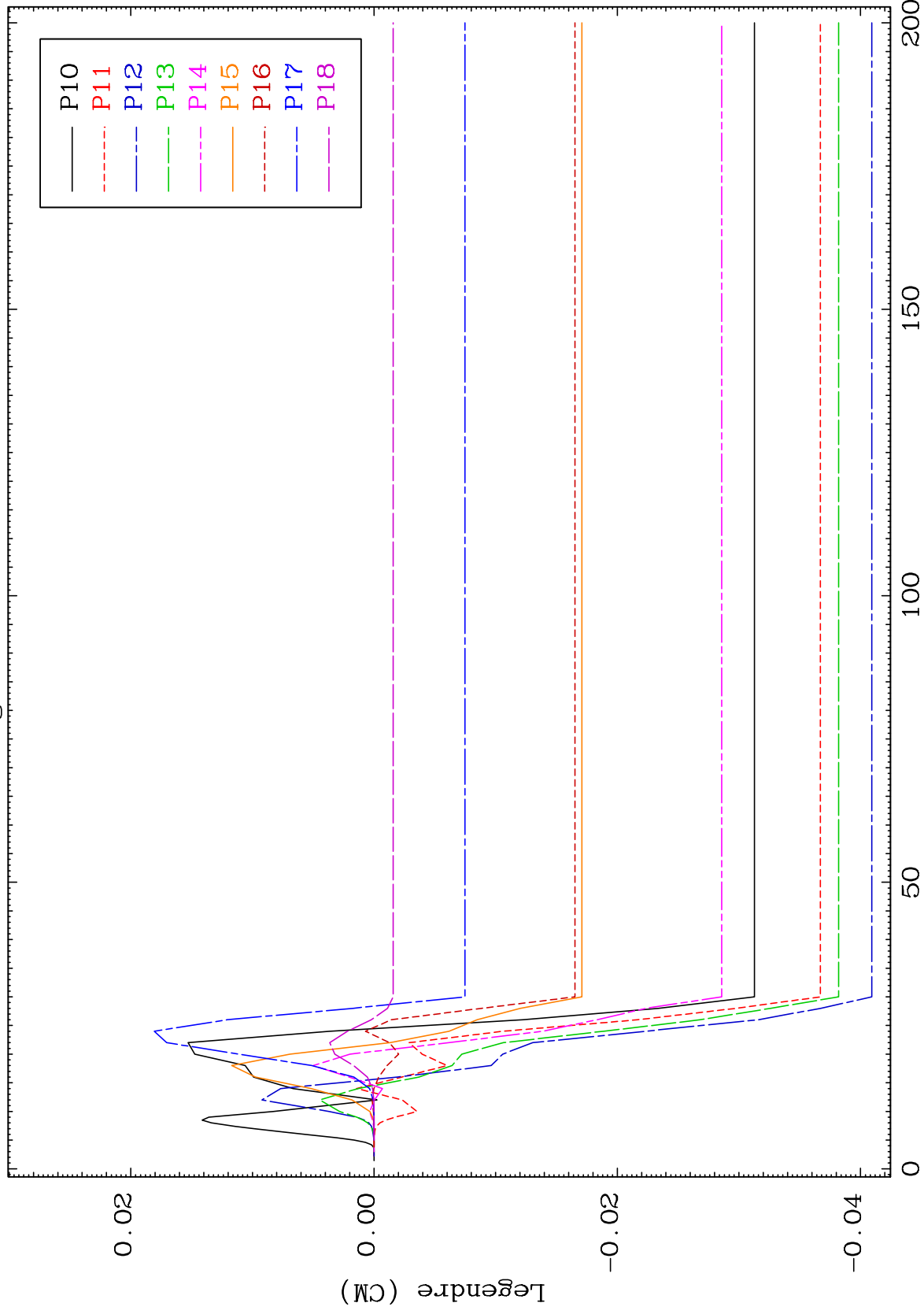
Incident Energy (MeV)

112

MAT 6852

904.7 keV (n,n') Level
Legendre Coefficients

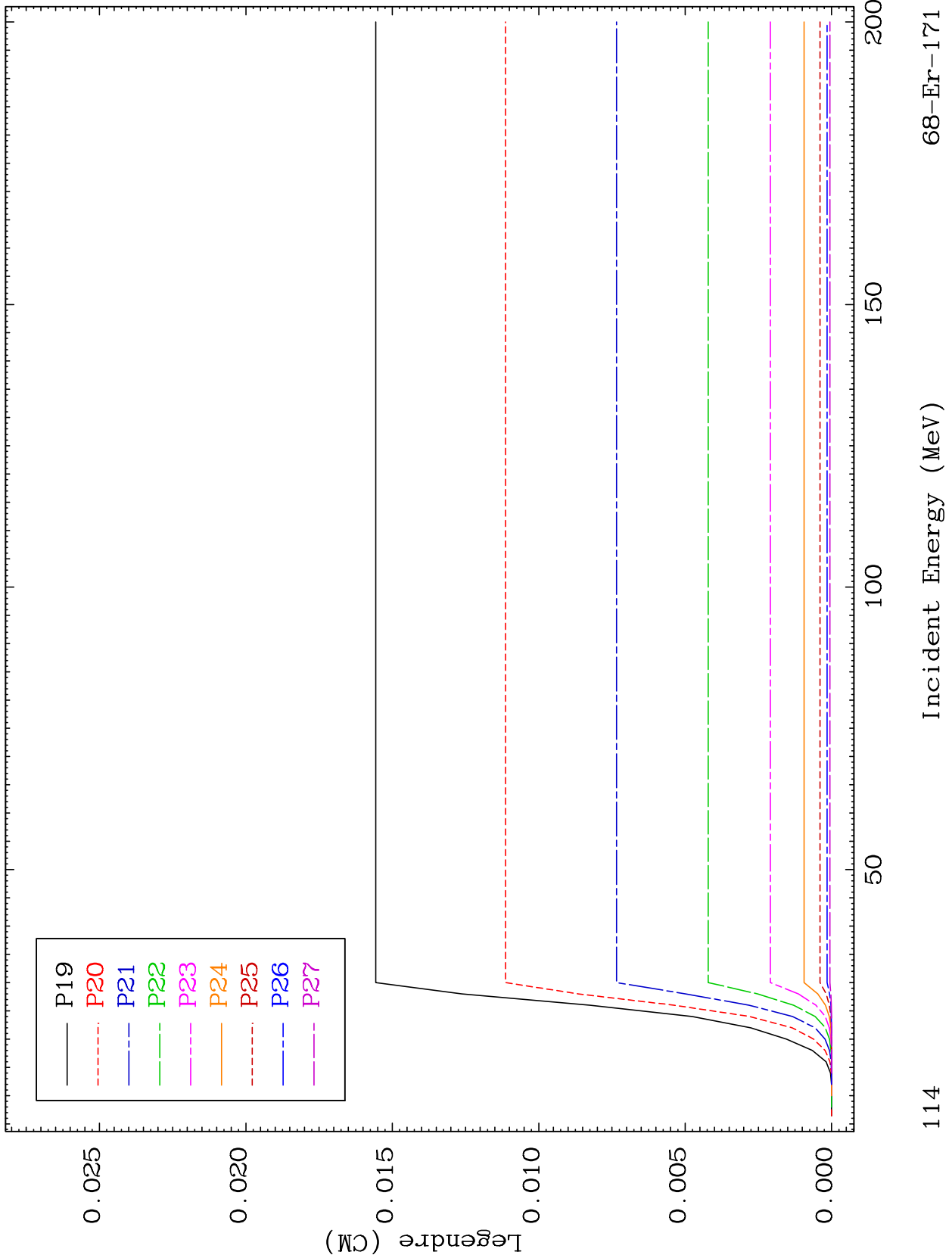
68-Er-171



113

Incident Energy (MeV)

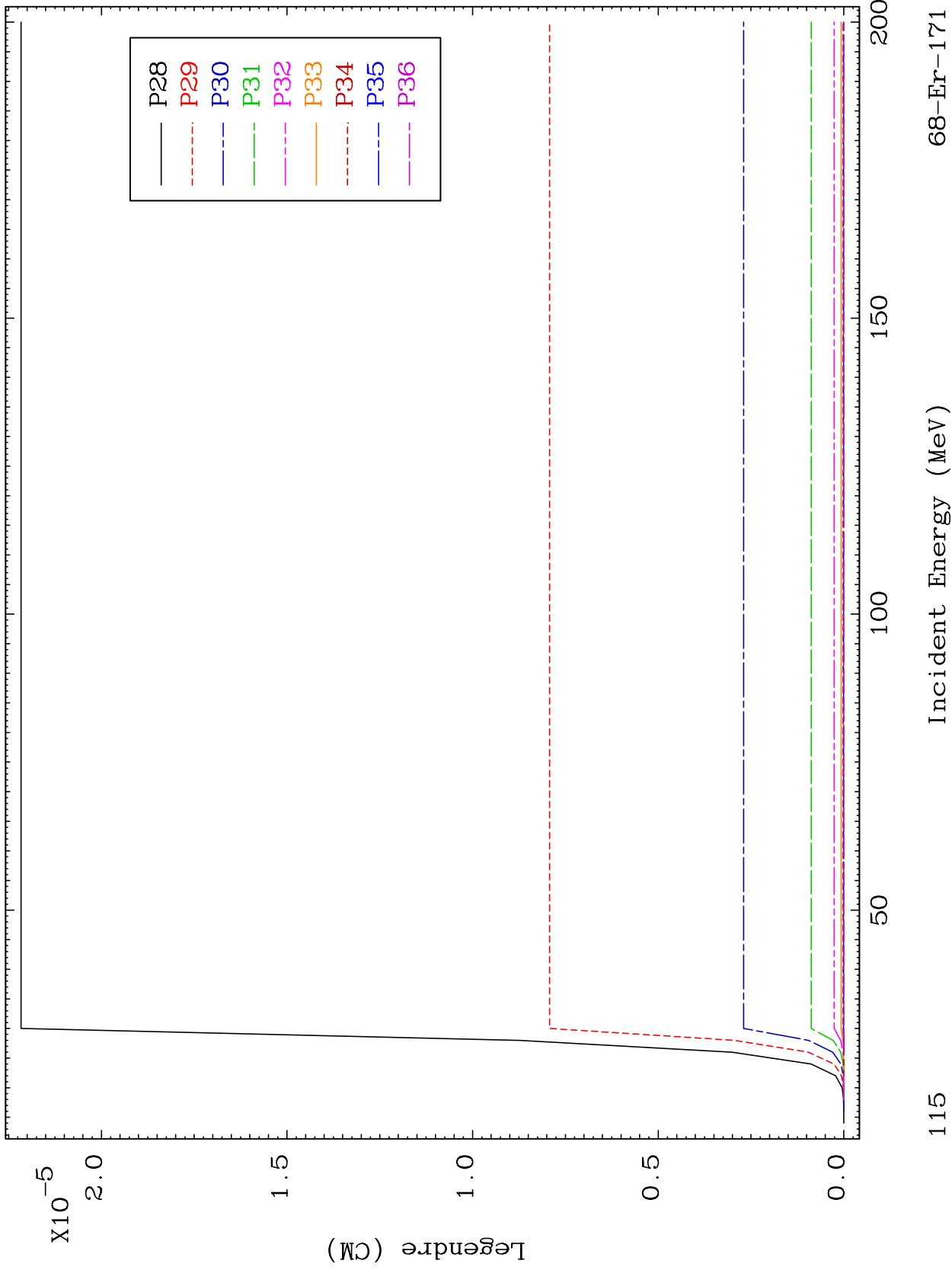
68-Er-171



MAT 6852

904.7 keV (n,n') Level
Legendre Coefficients

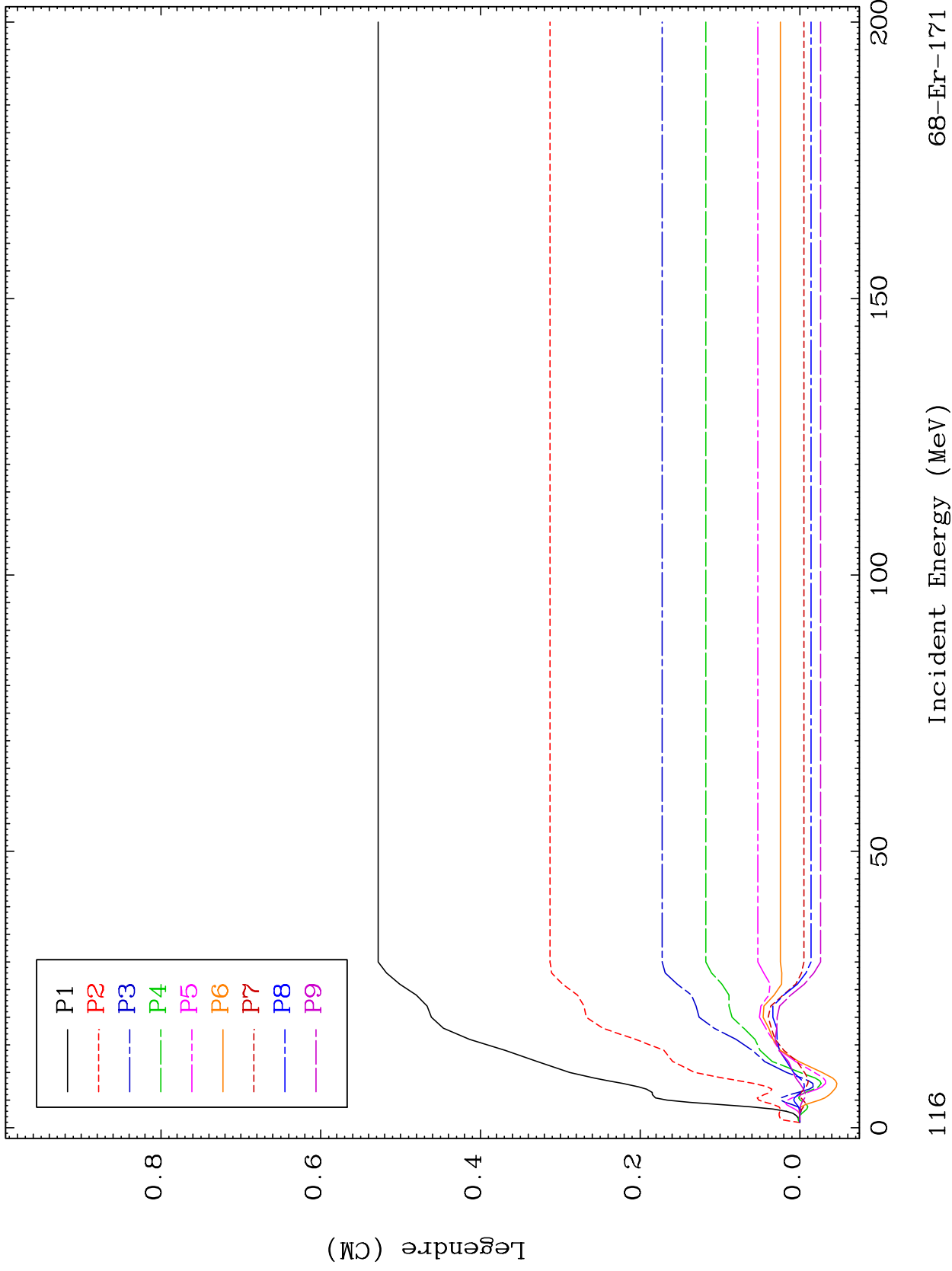
68-Er-171



MAT 6852

907.1 keV (n,n') Level
Legendre Coefficients

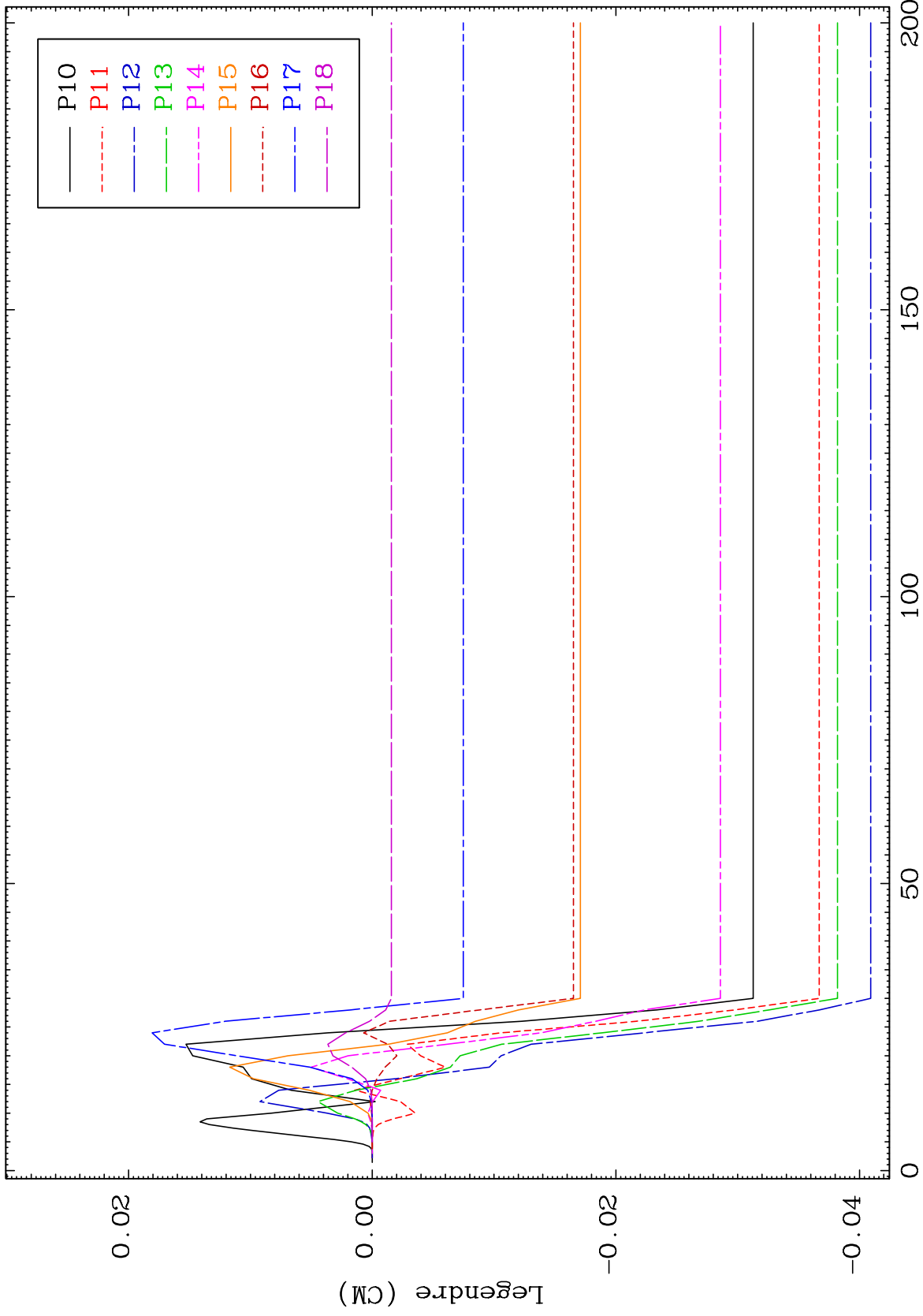
68-Er-171

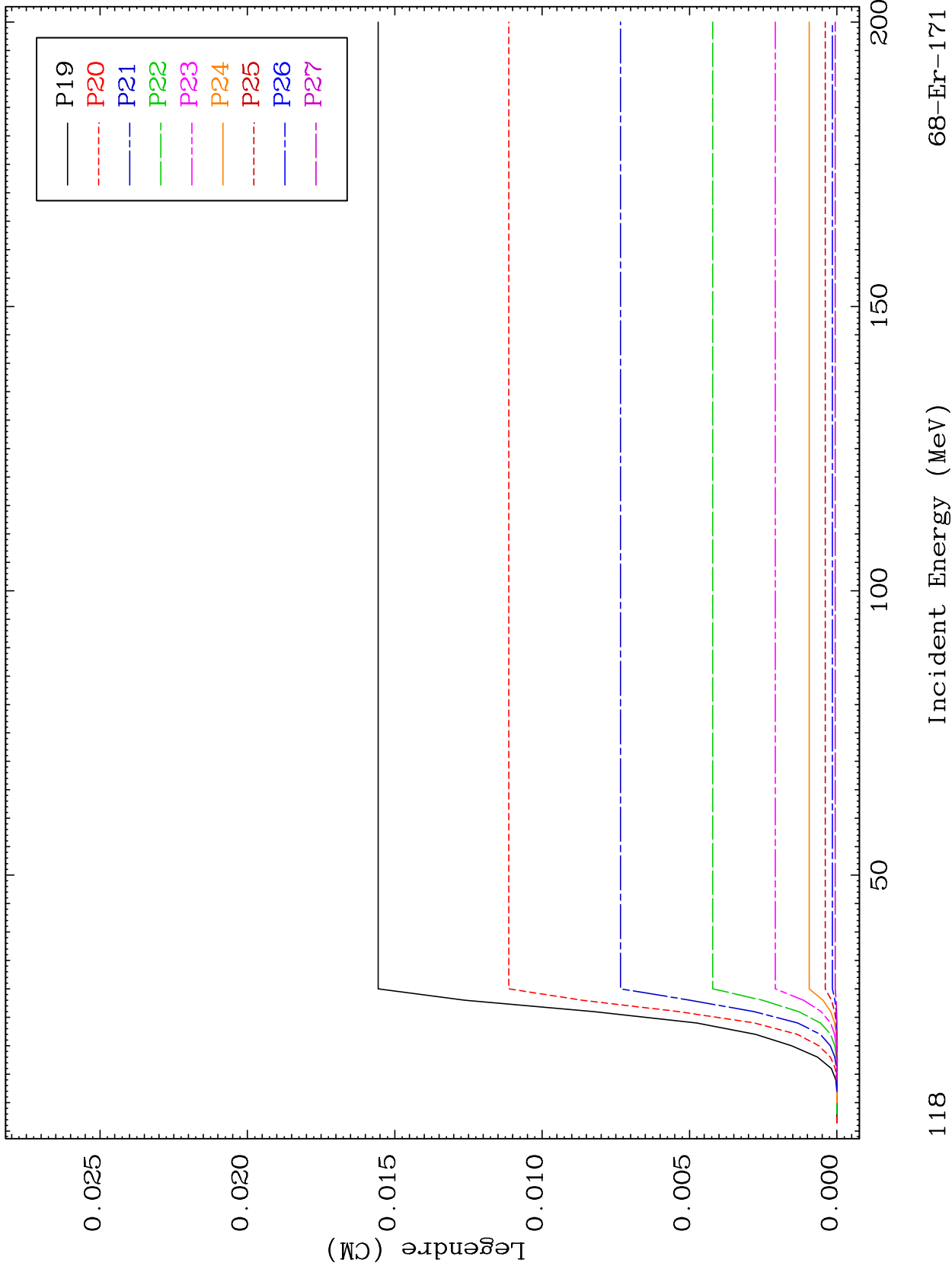


116

Incident Energy (MeV)

68-Er-171

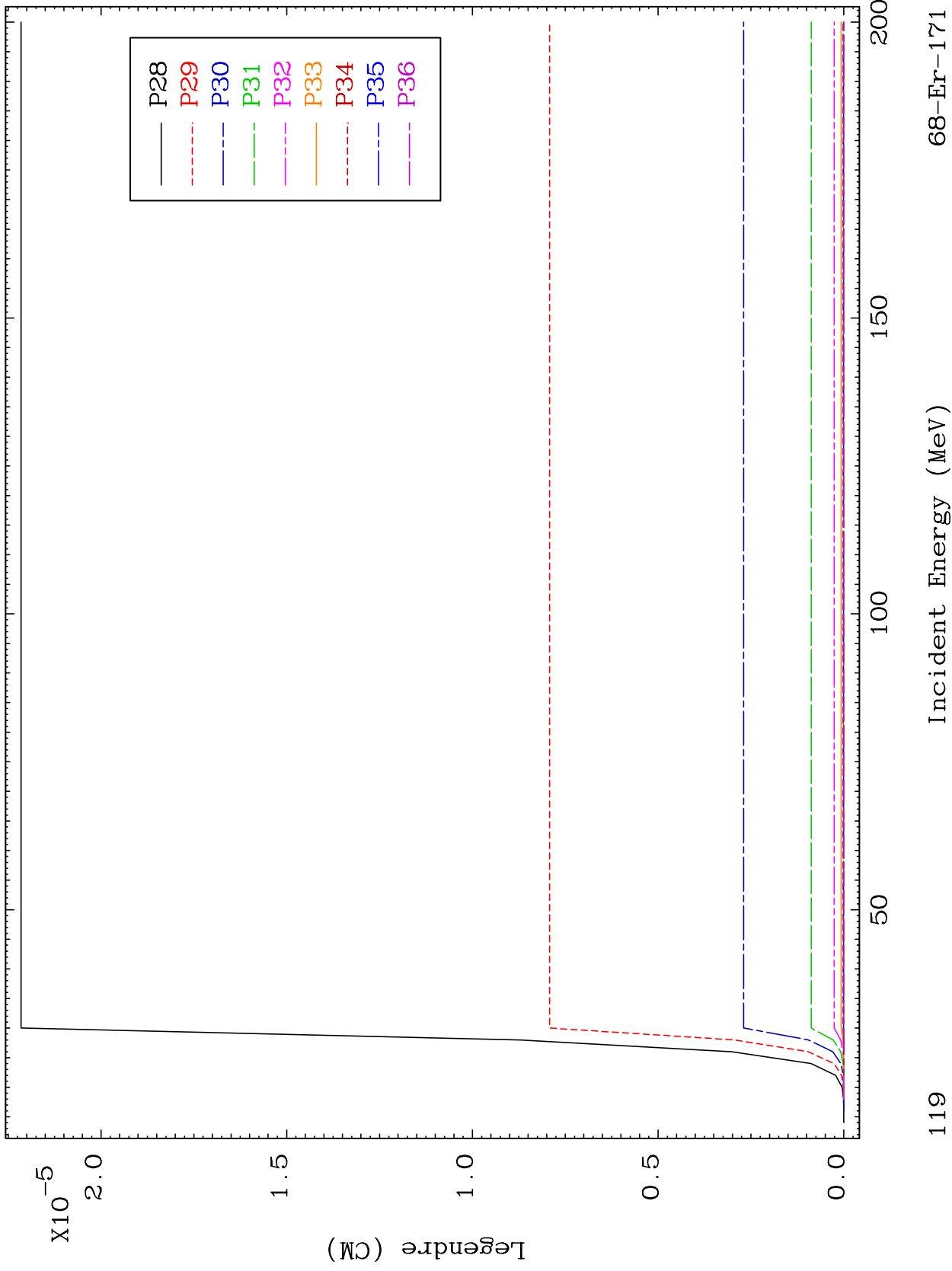




MAT 6852

907.1 keV (n,n') Level
Legendre Coefficients

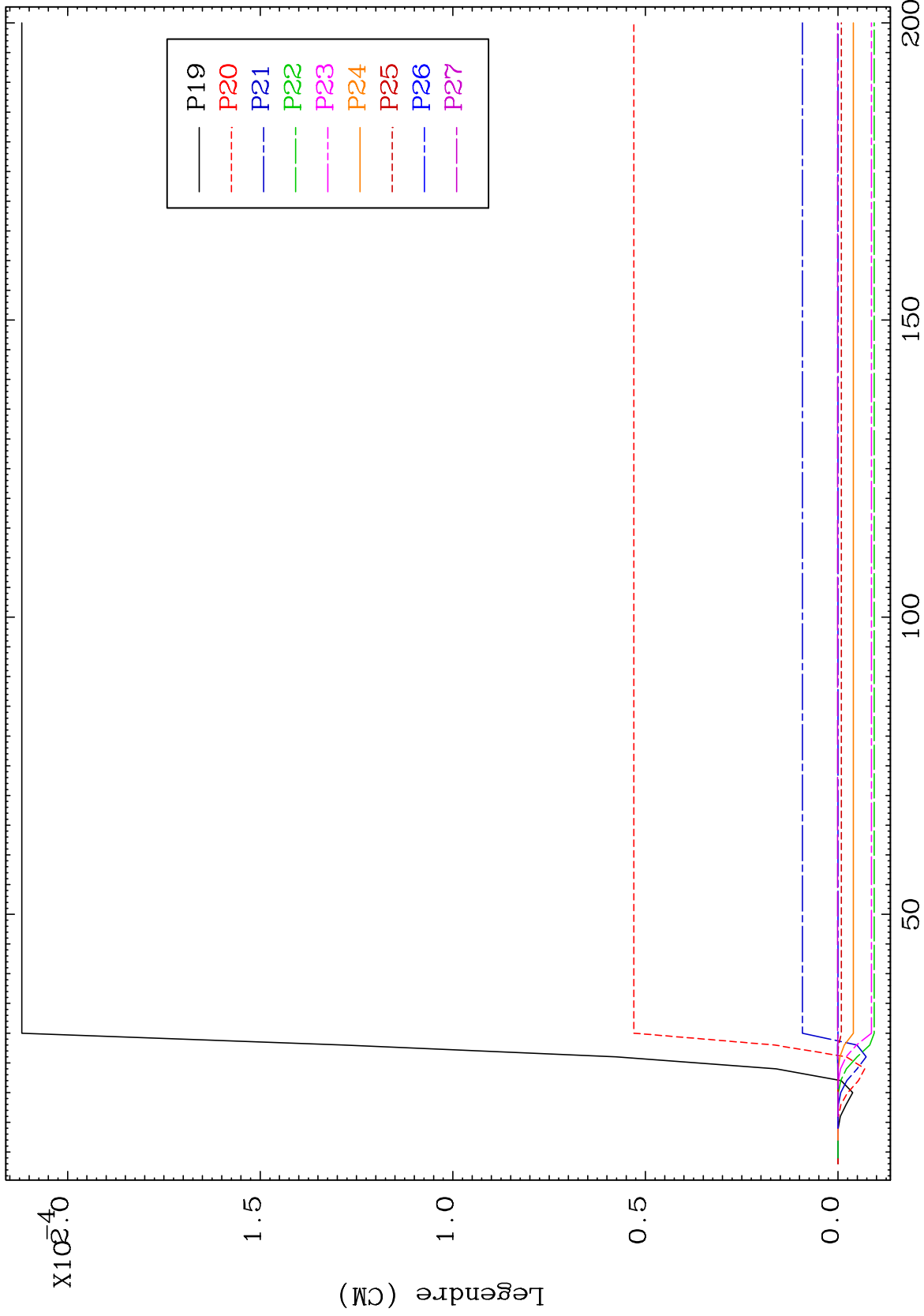
68-Er-171

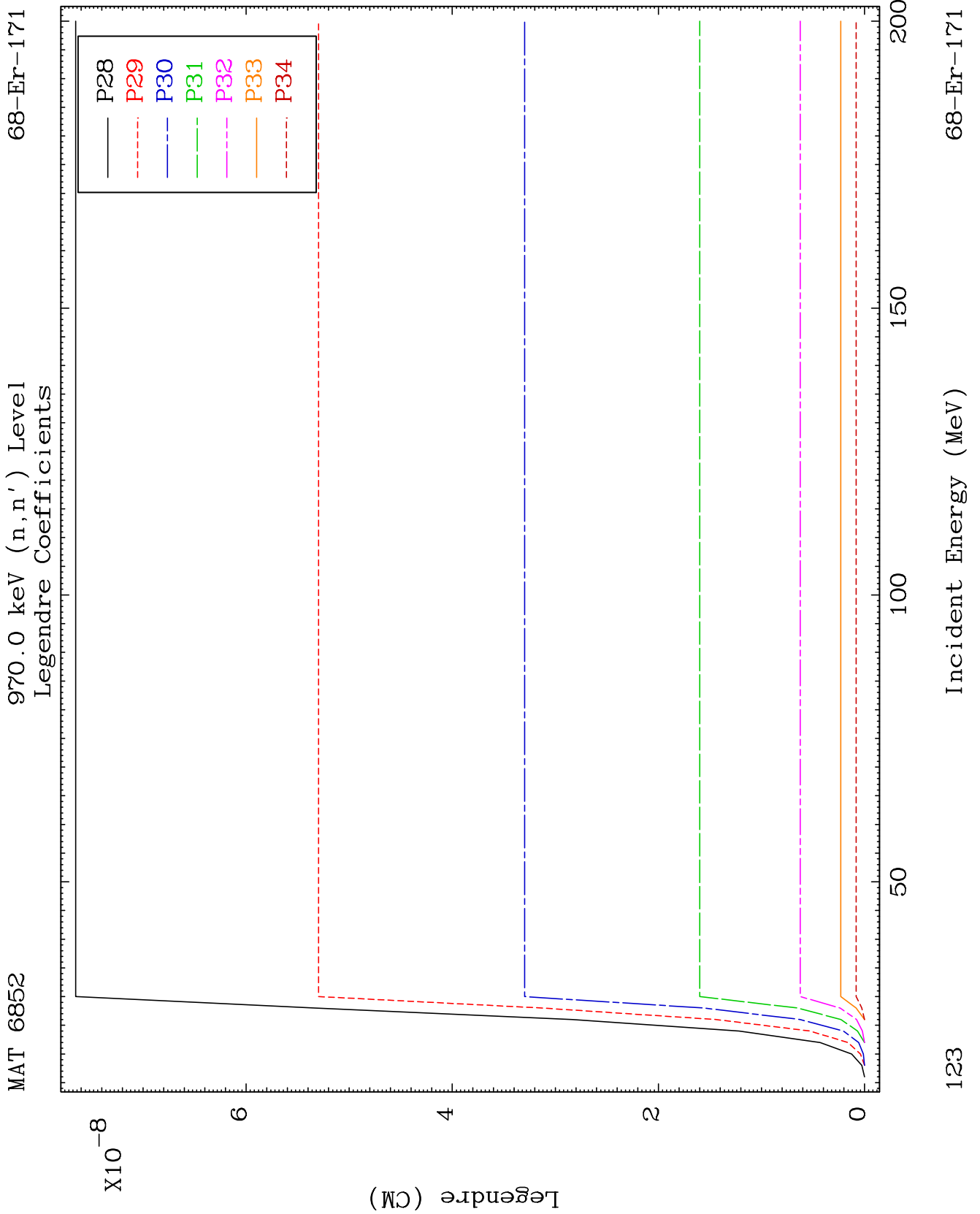


119

Incident Energy (MeV)

68-Er-171

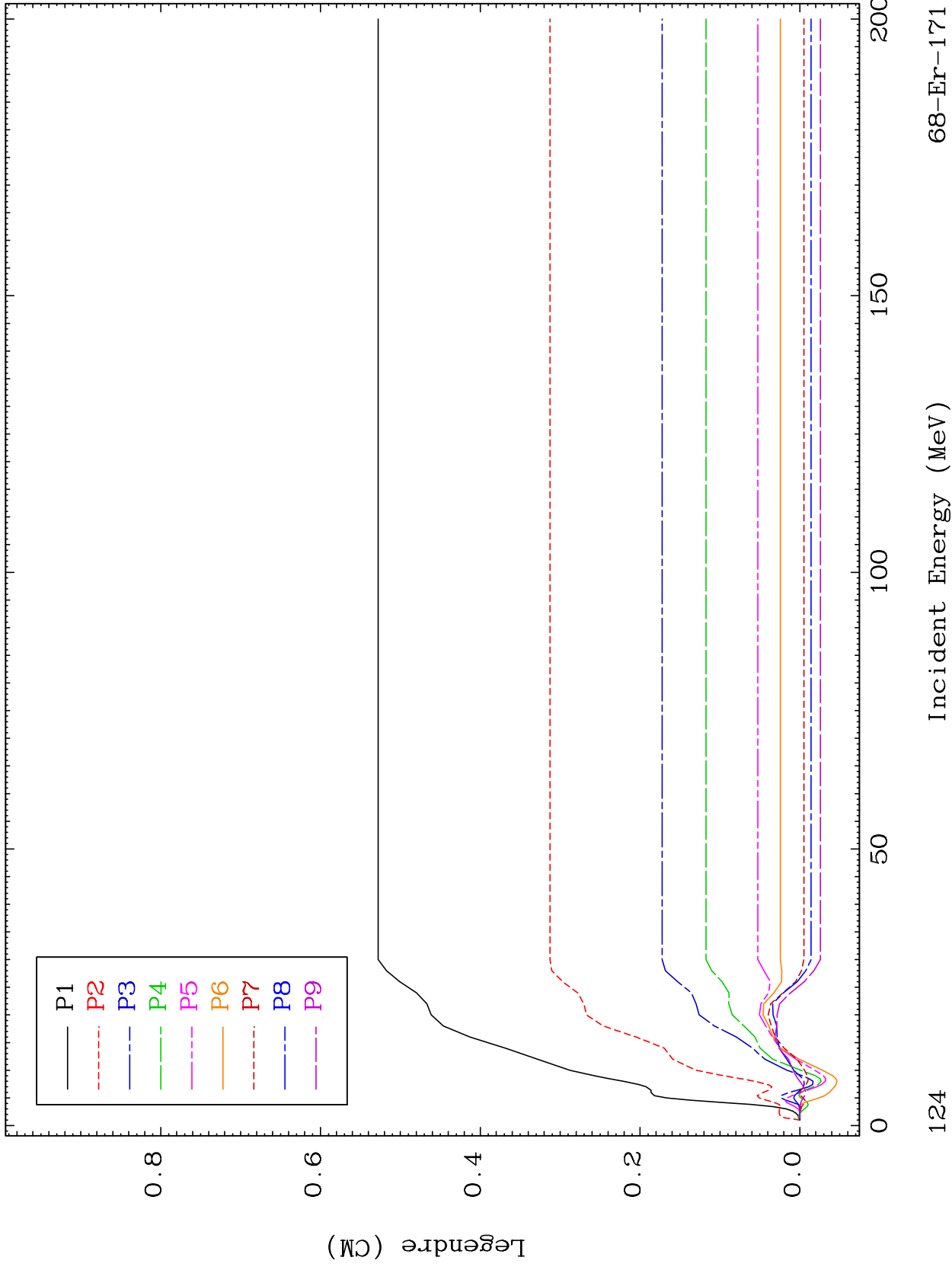




MAT 6852

972.0 keV (n,n') Level
Legendre Coefficients

68-Er-171



68-Er-171

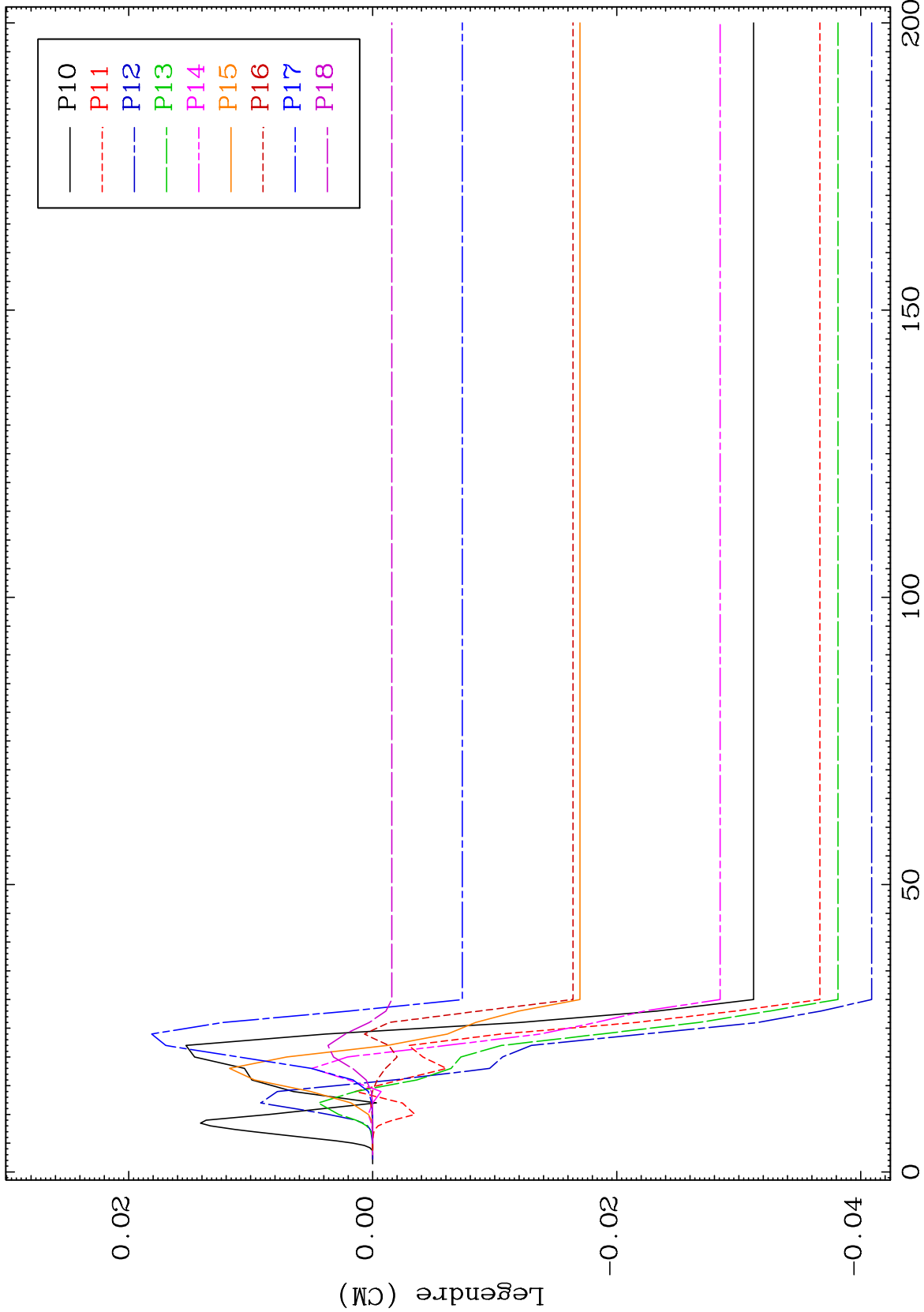
Incident Energy (MeV)

124

MAT 6852

972.0 keV (n,n') Level
Legendre Coefficients

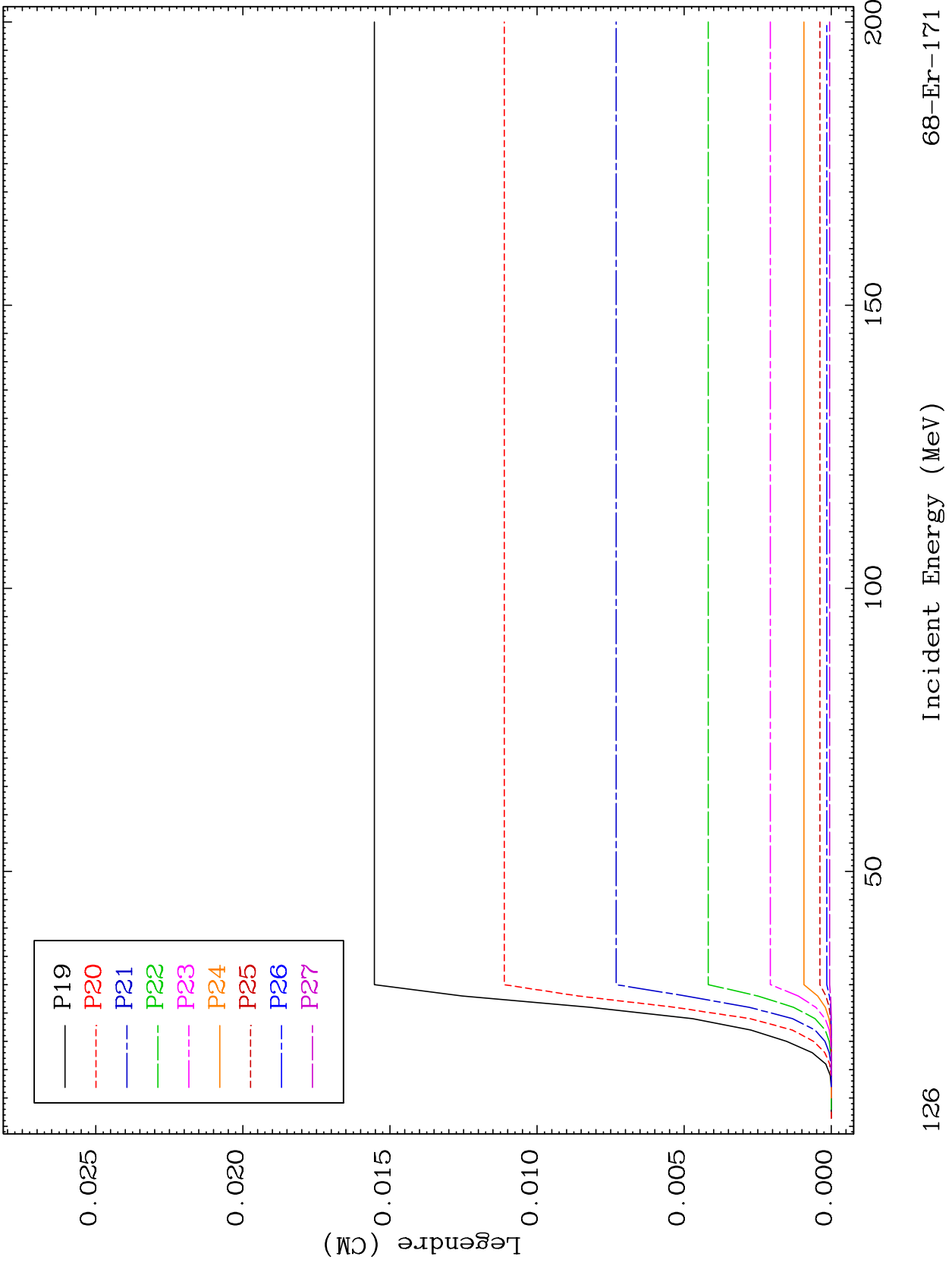
68-Er-171



125

Incident Energy (MeV)

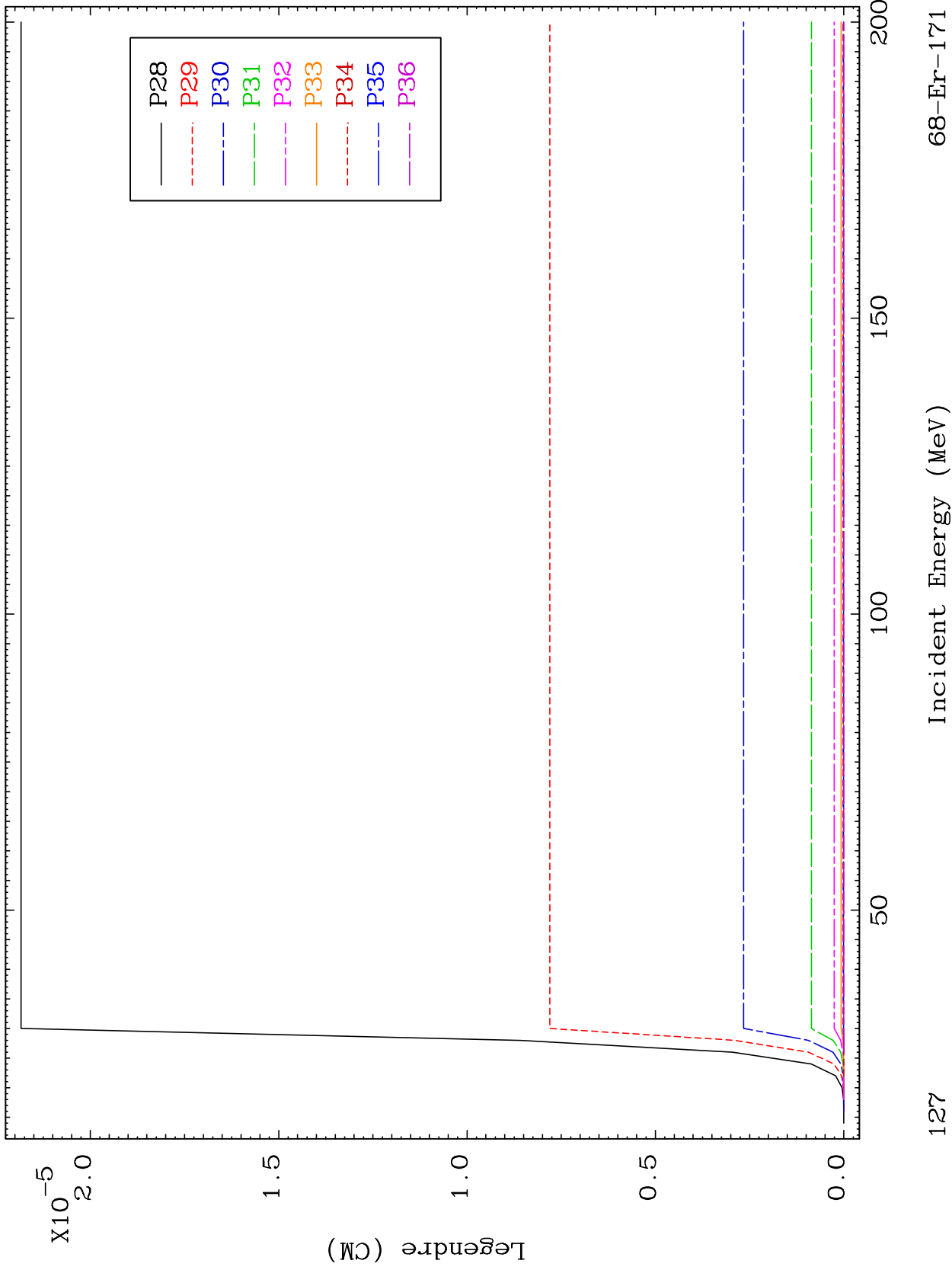
68-Er-171



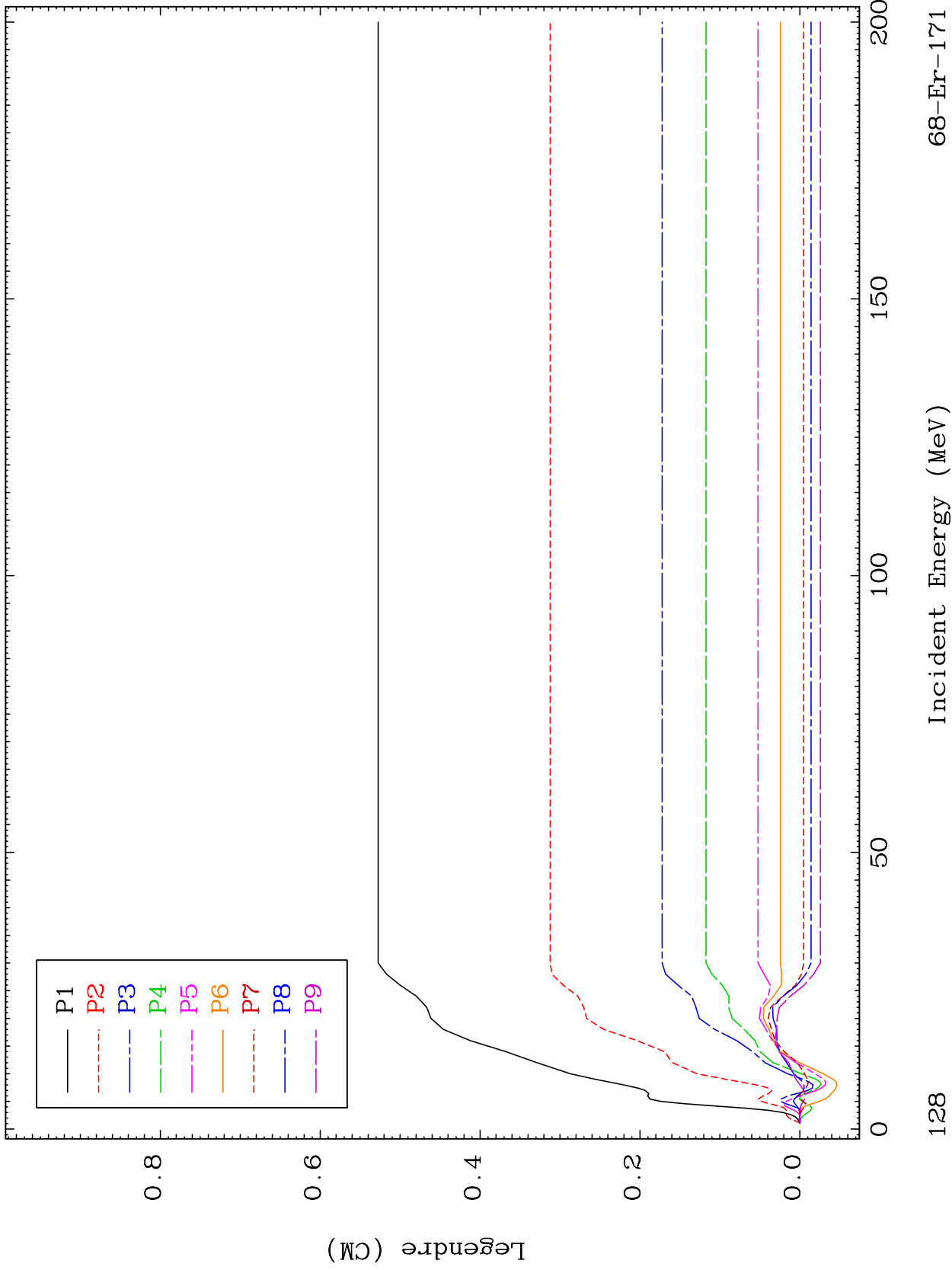
MAT 6852

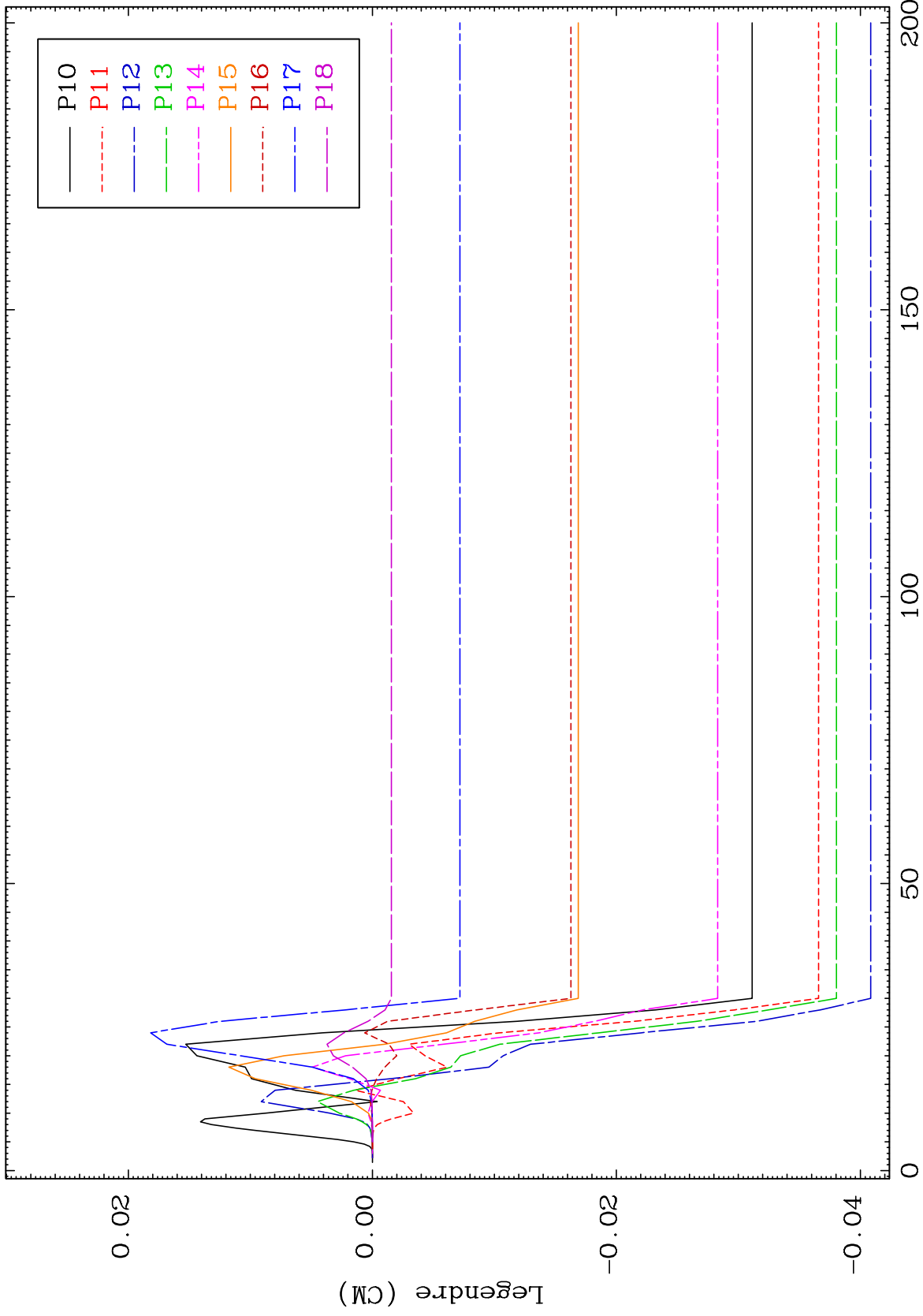
972.0 keV (n,n') Level
Legendre Coefficients

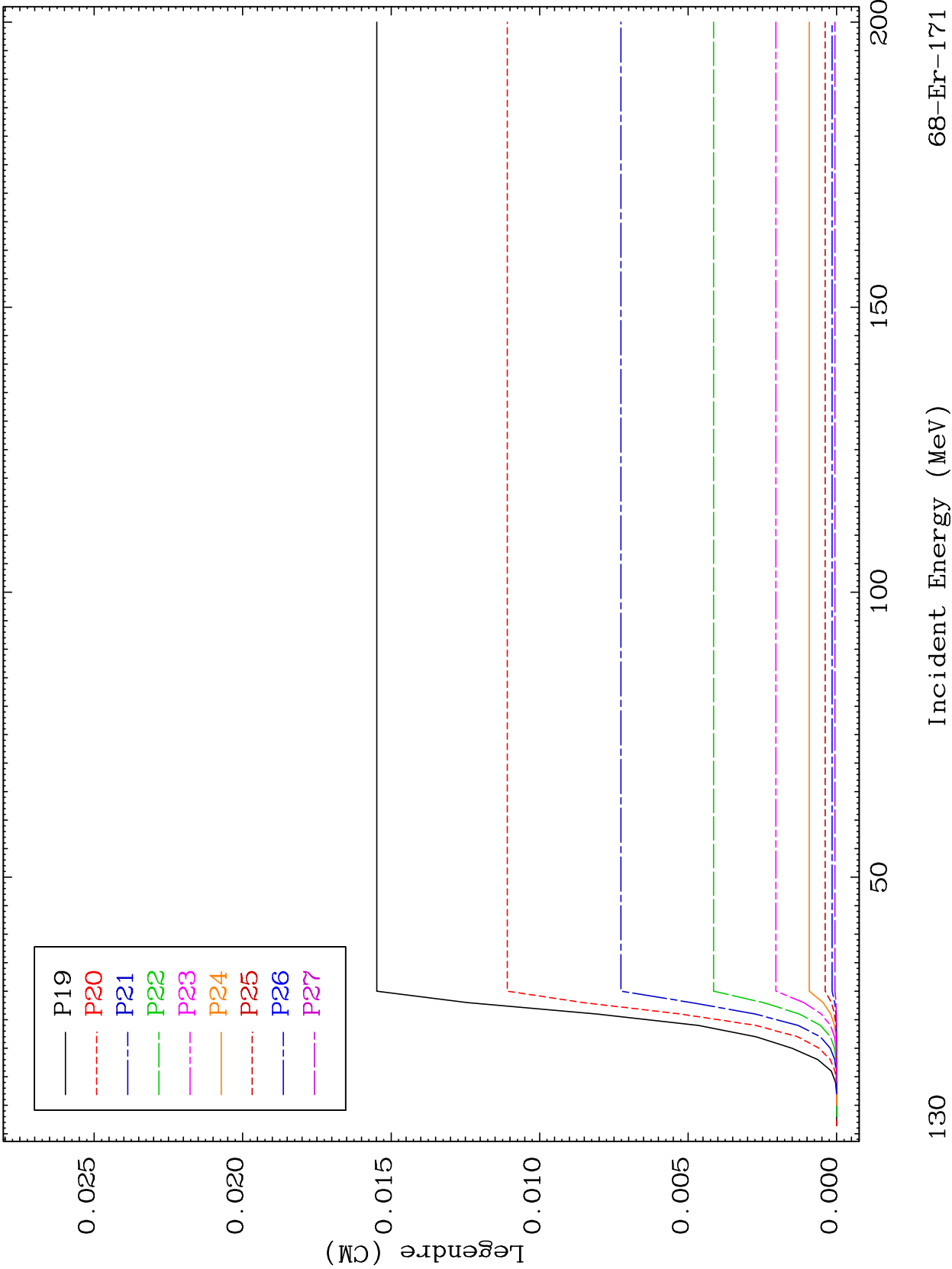
68-Er-171



127



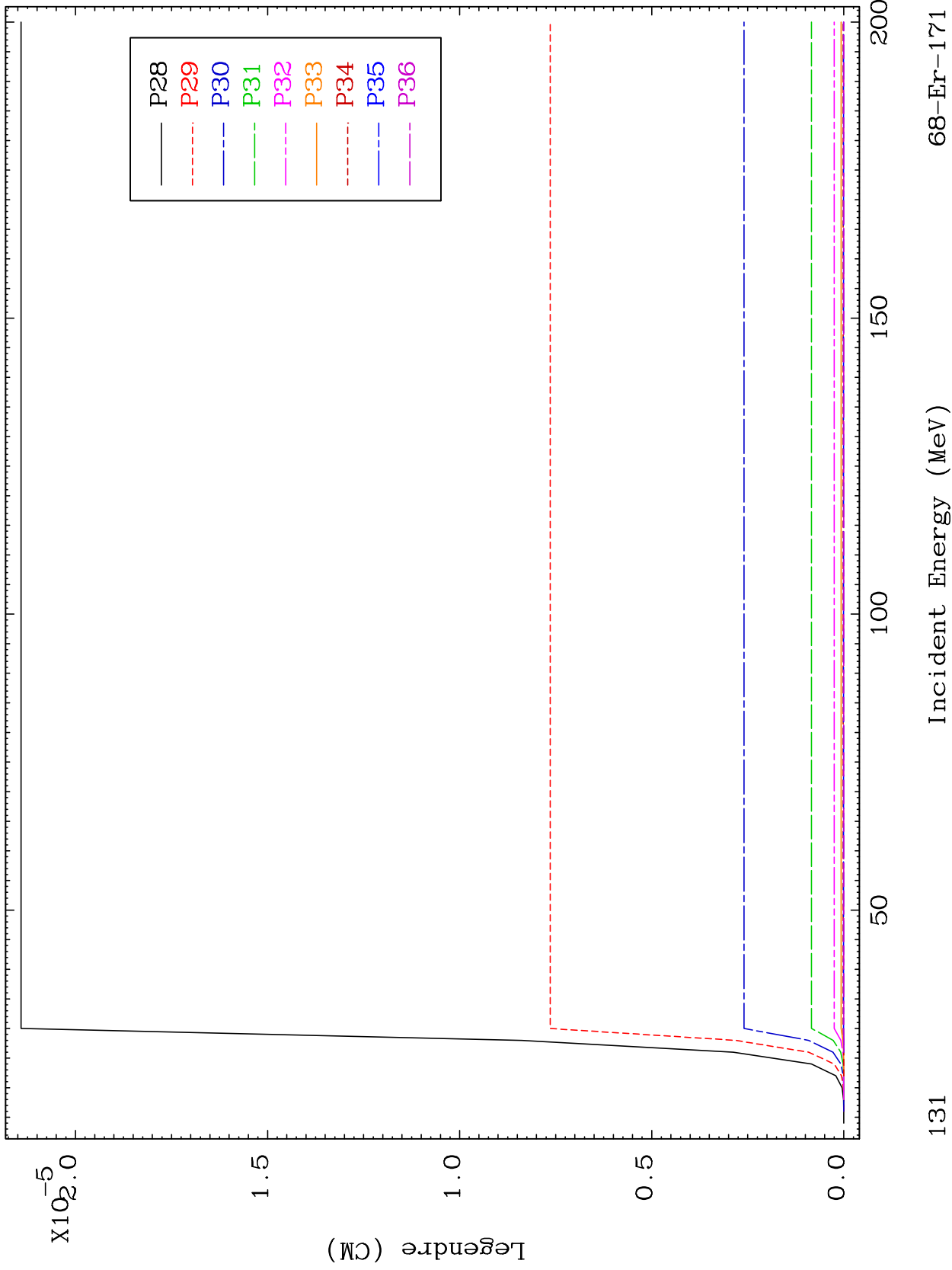




MAT 6852

1.061 MeV (n,n') Level
Legendre Coefficients

68-Er-171

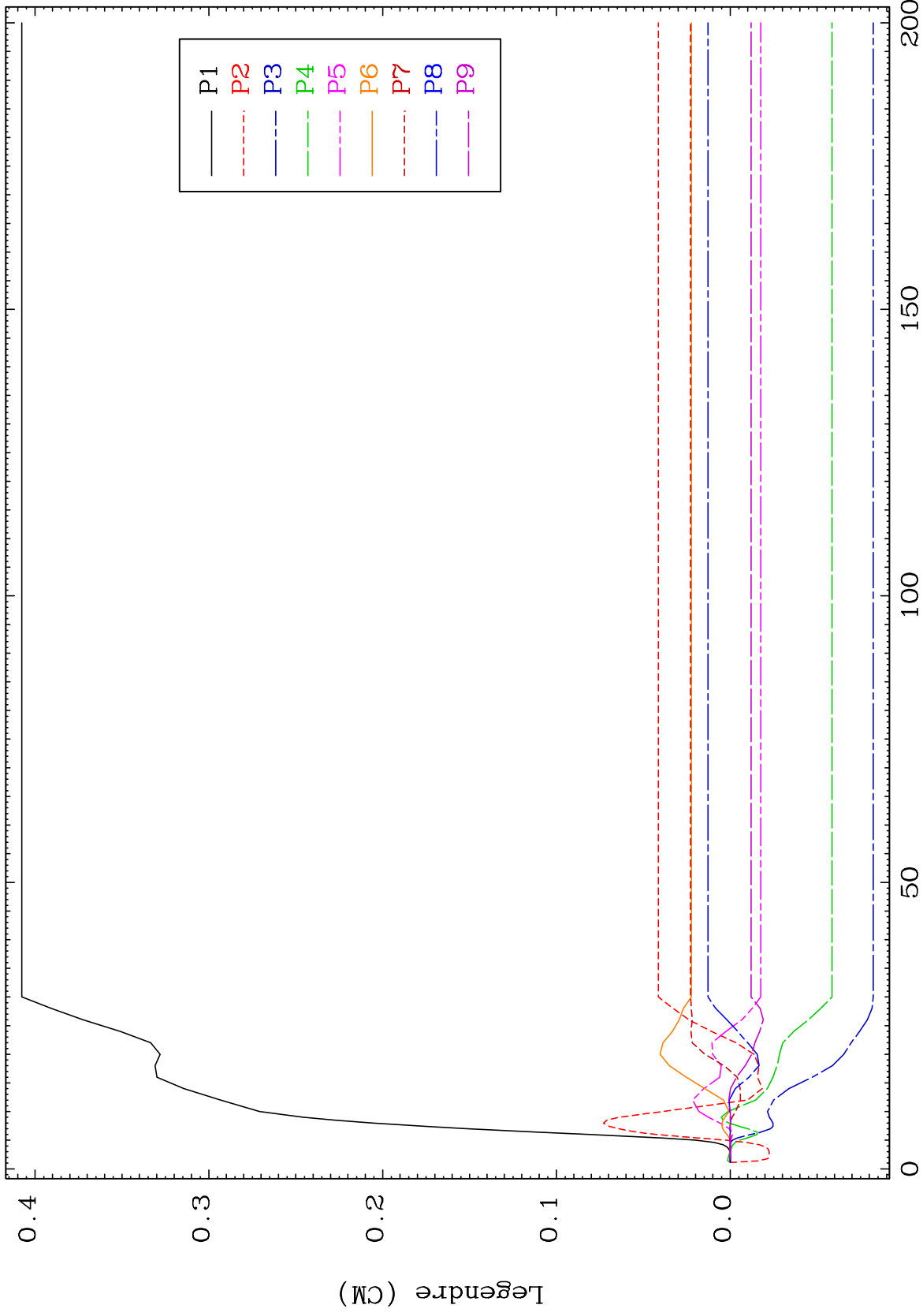


131

MAT 6852

1.106 MeV (n,n') Level
Legendre Coefficients

68-Er-171



68-Er-171

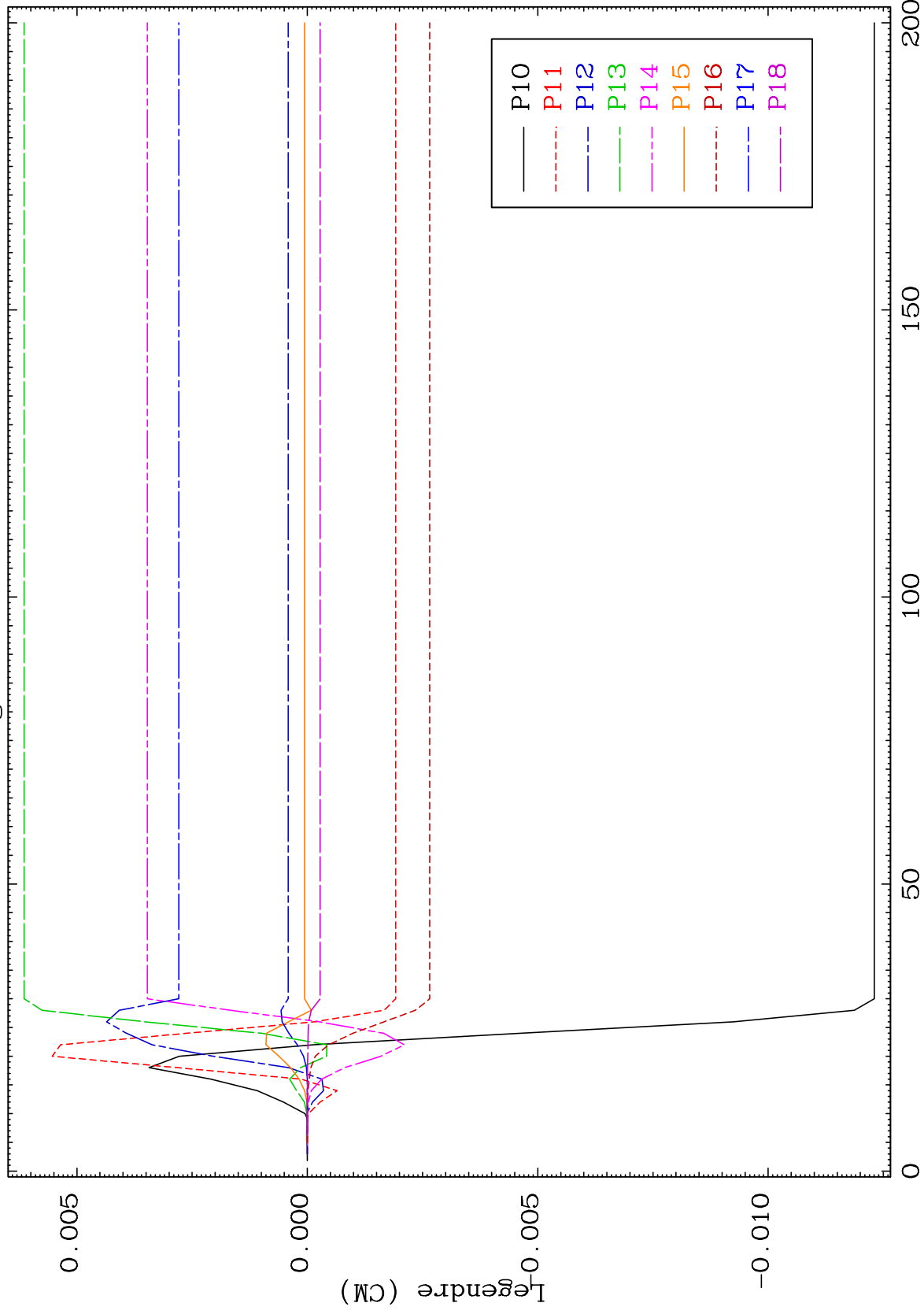
Incident Energy (MeV)

132

MAT 6852

1.106 MeV (n,n') Level
Legendre Coefficients

68-Er-171



133

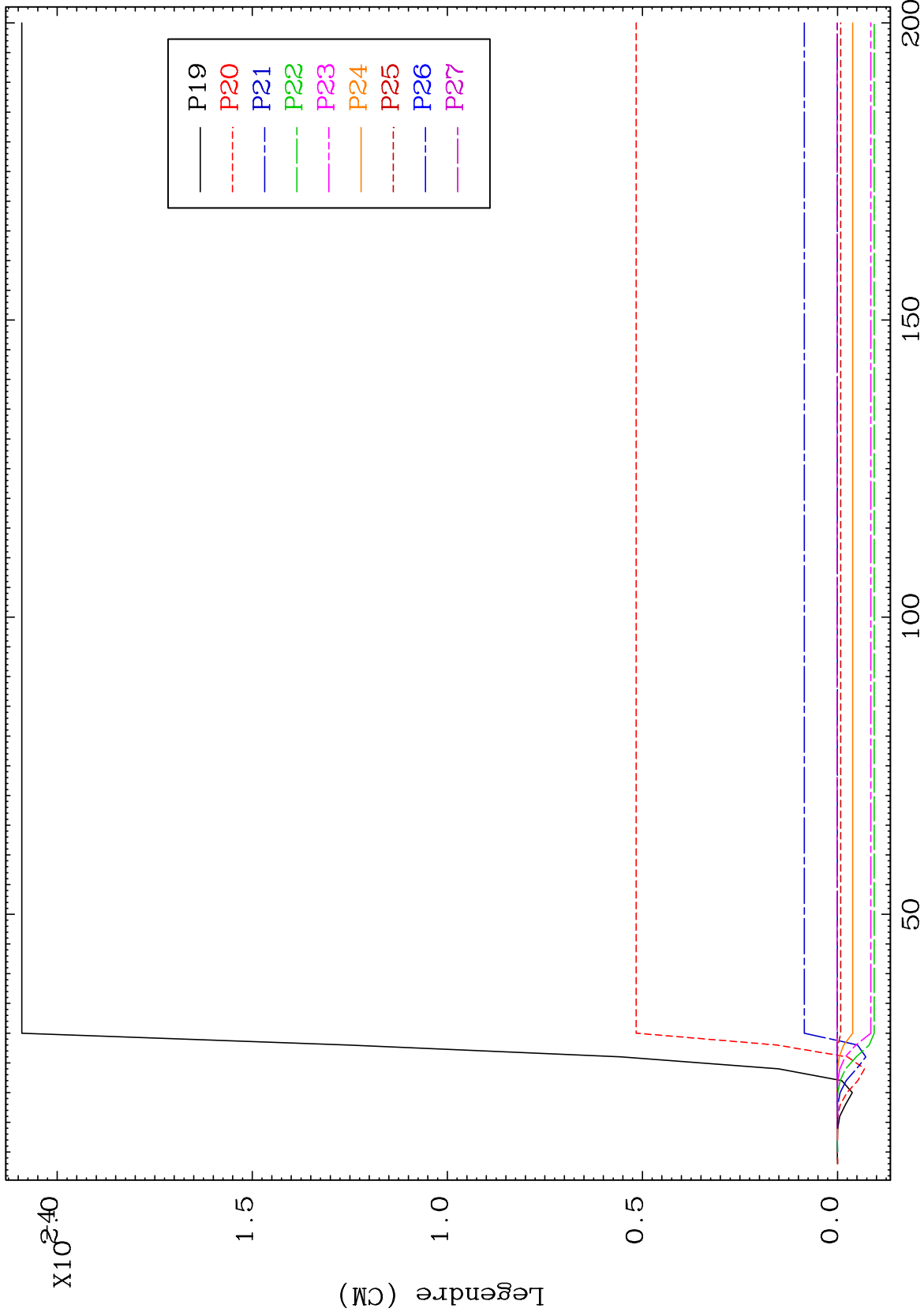
Incident Energy (MeV)

68-Er-171

MAT 6852

1.106 MeV (n,n') Level
Legendre Coefficients

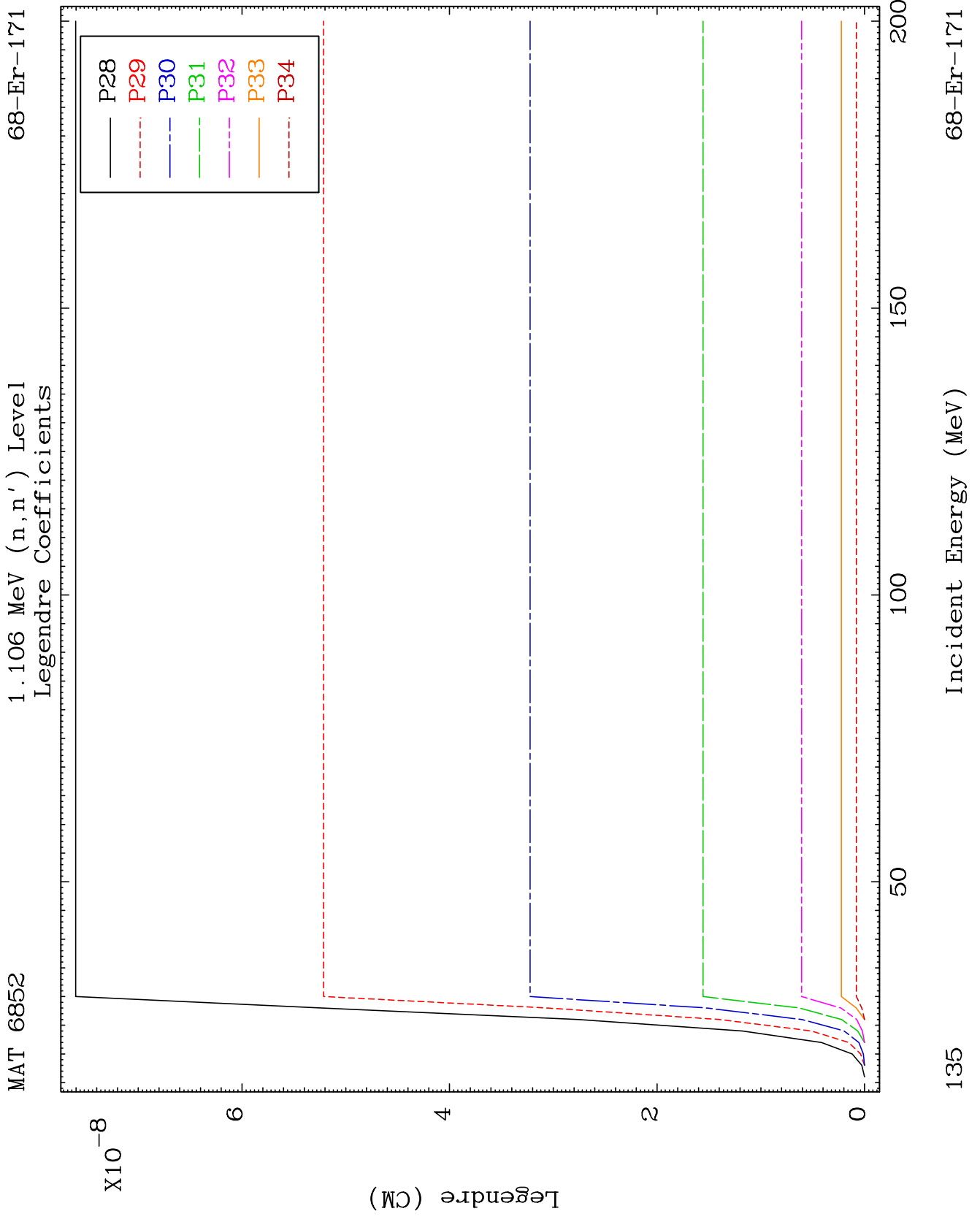
68-Er-171

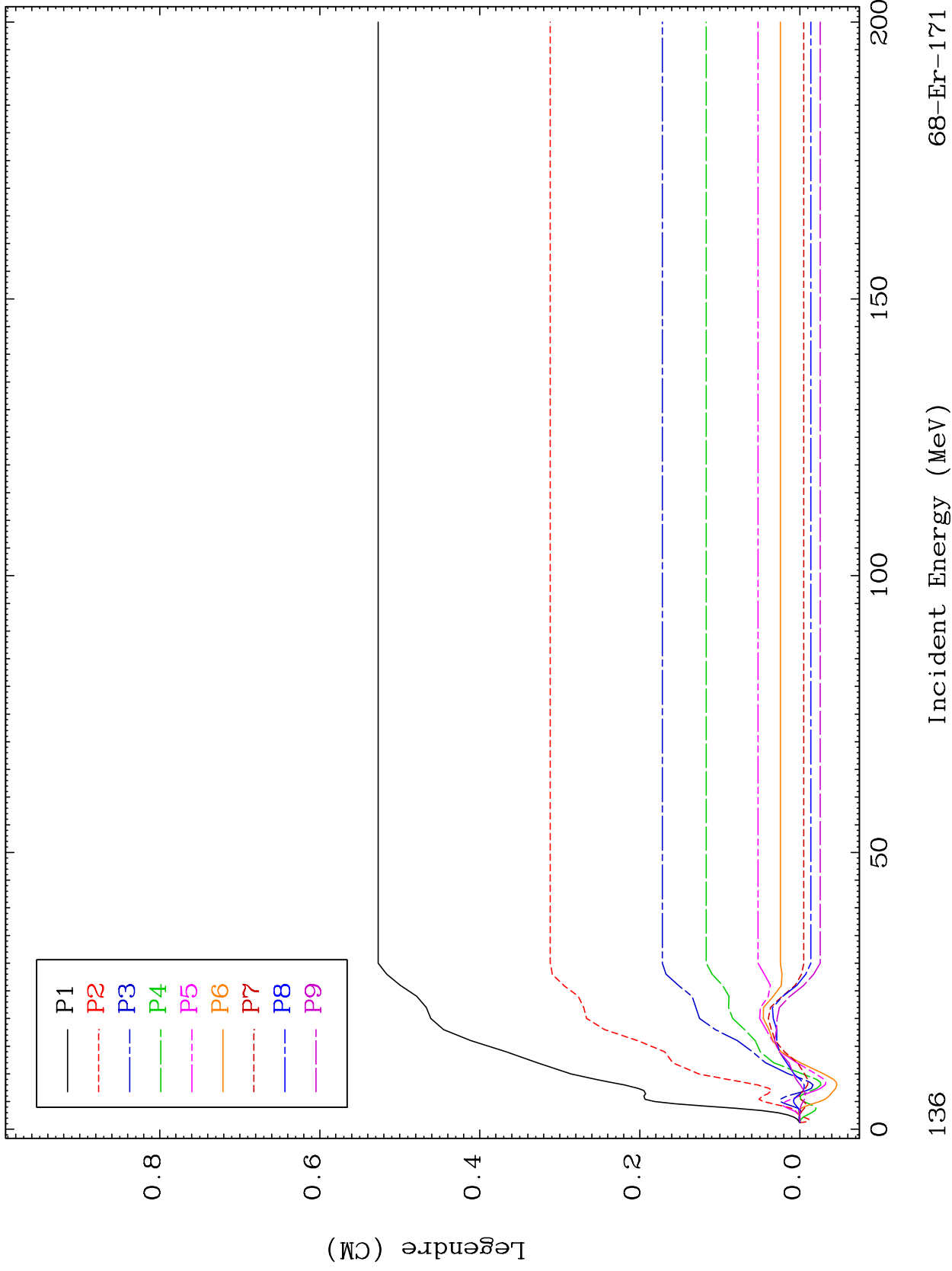


134

Incident Energy (MeV)

68-Er-171

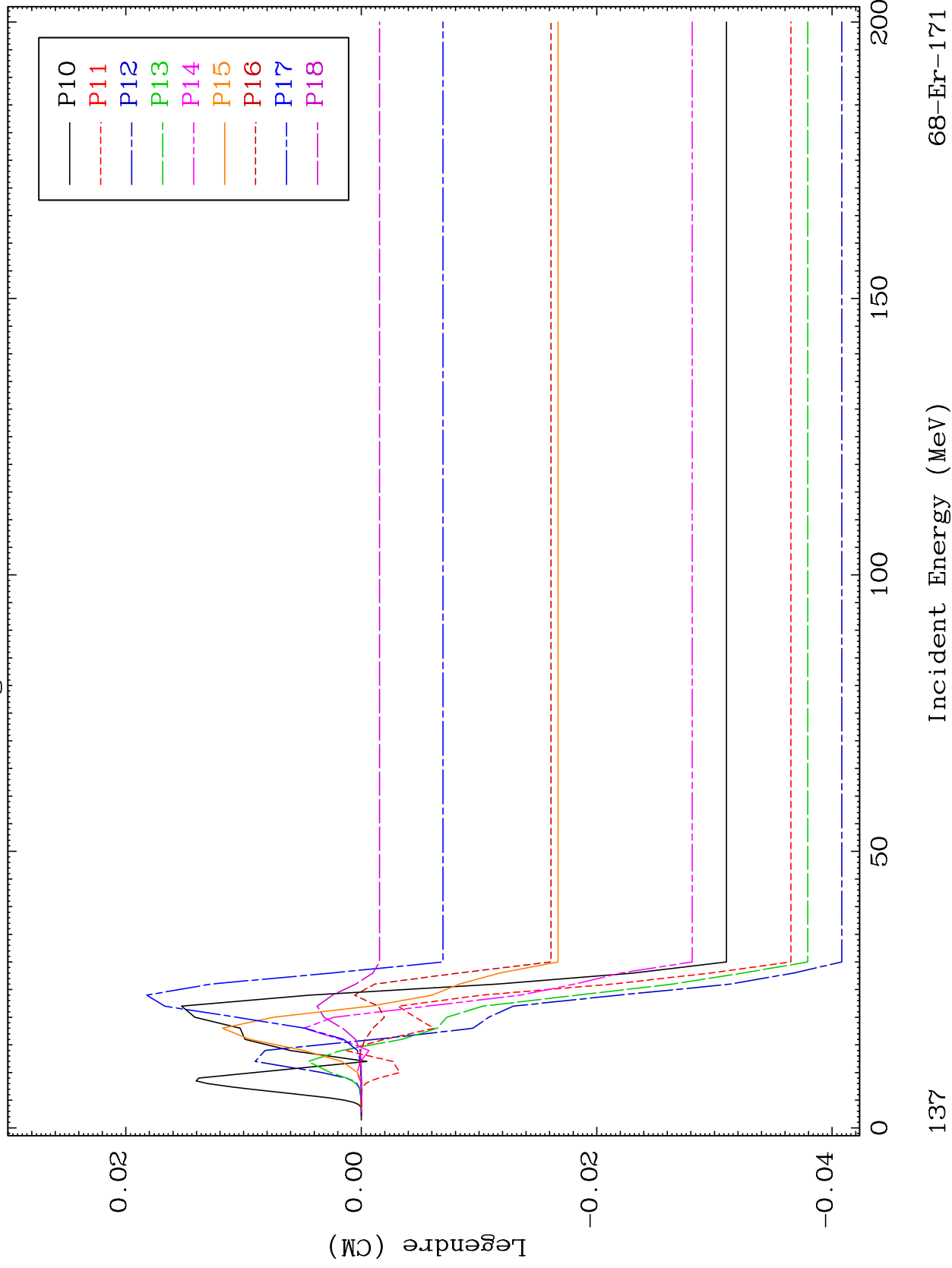




MAT 6852

1.171 MeV (n,n') Level
Legendre Coefficients

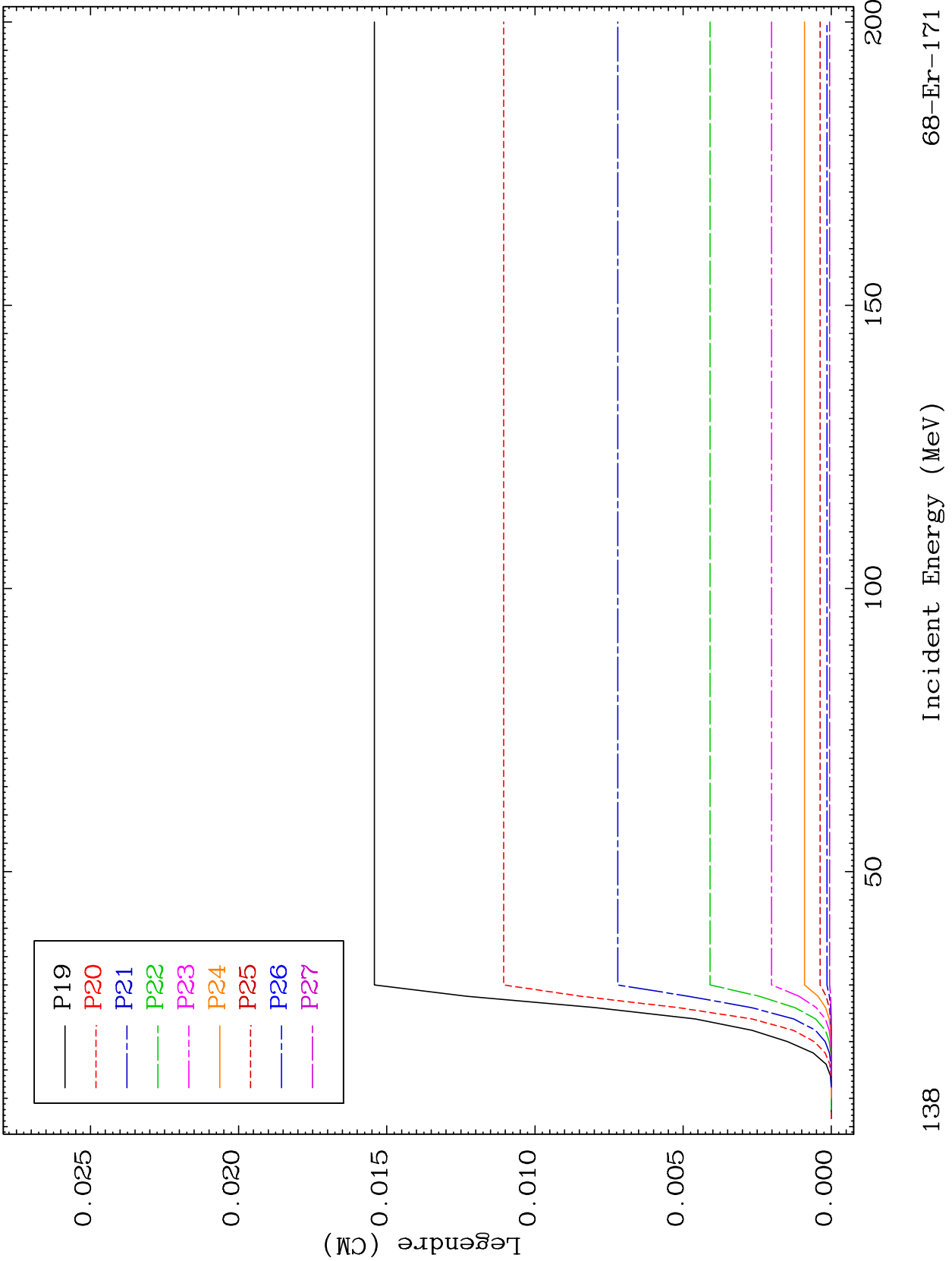
68-Er-171



137

Incident Energy (MeV)

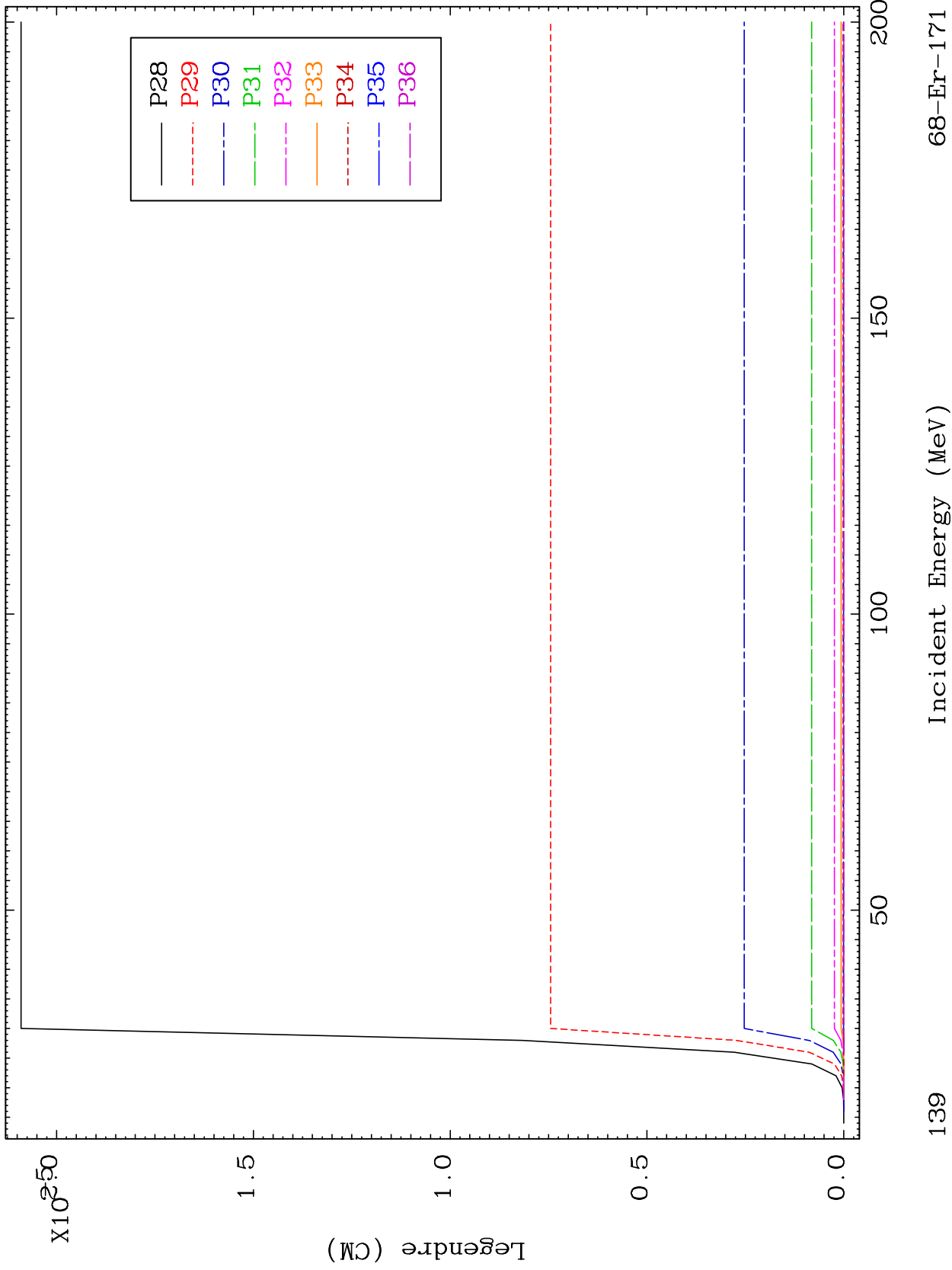
68-Er-171



MAT 6852

1.171 MeV (n,n') Level
Legendre Coefficients

68-Er-171



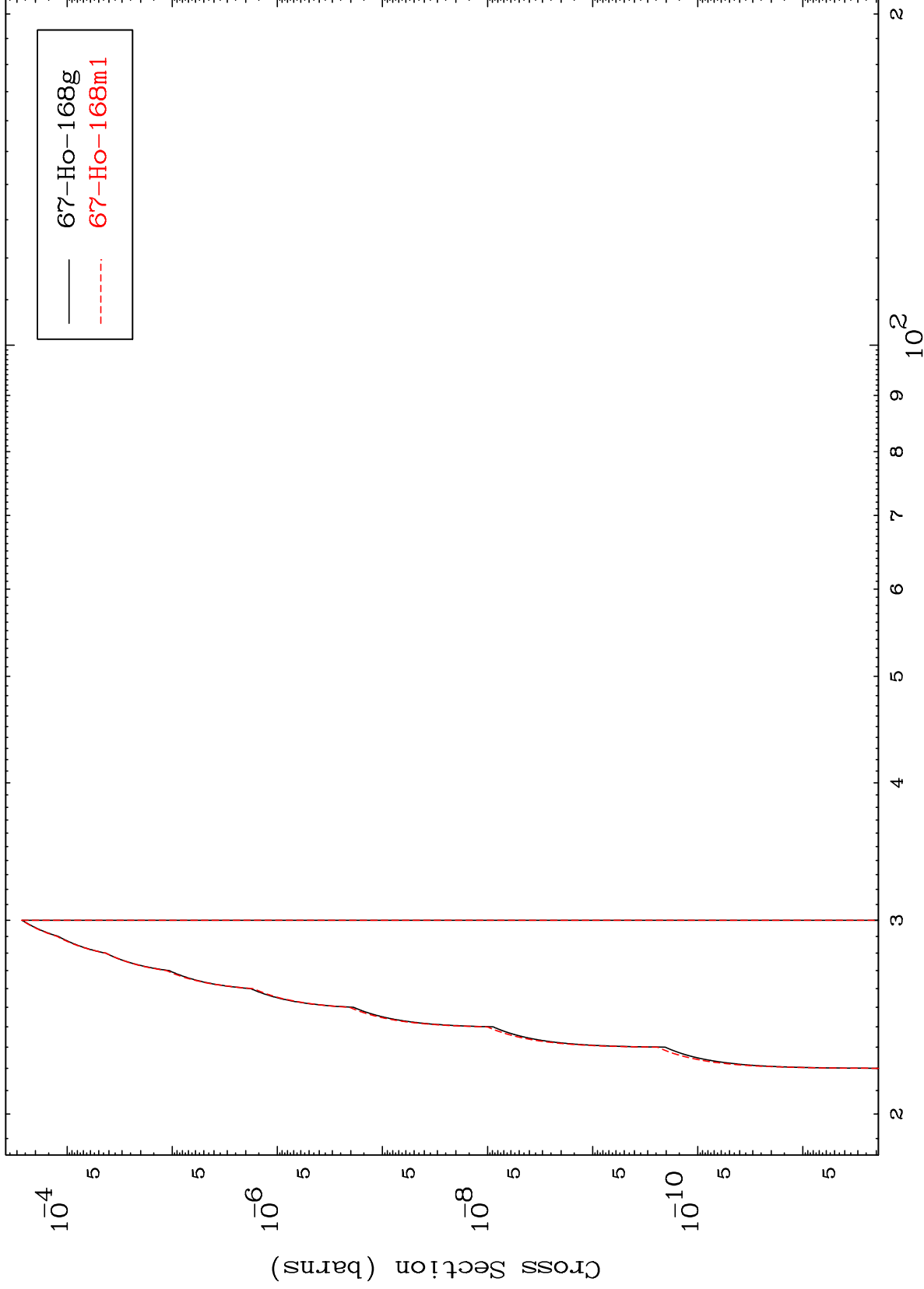
139

MAT 6852

(n,2n) d

68-Er-171

Radionuclide Production Cross Section



140

Incident Energy (MeV)

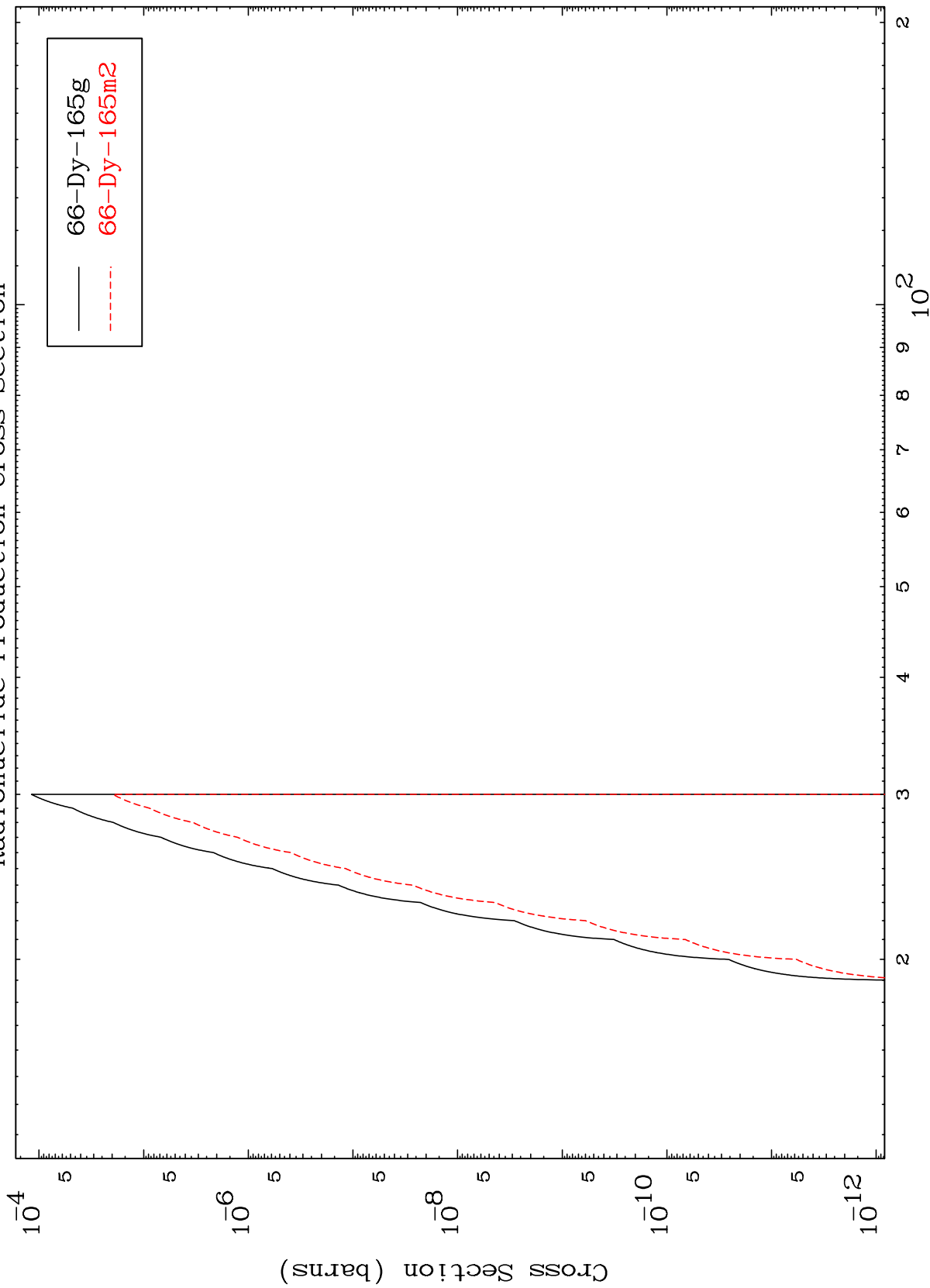
68-Er-171

MAT 6852

(n,3n) α

68-Er-171

Radionuclide Production Cross Section



141

Incident Energy (MeV)

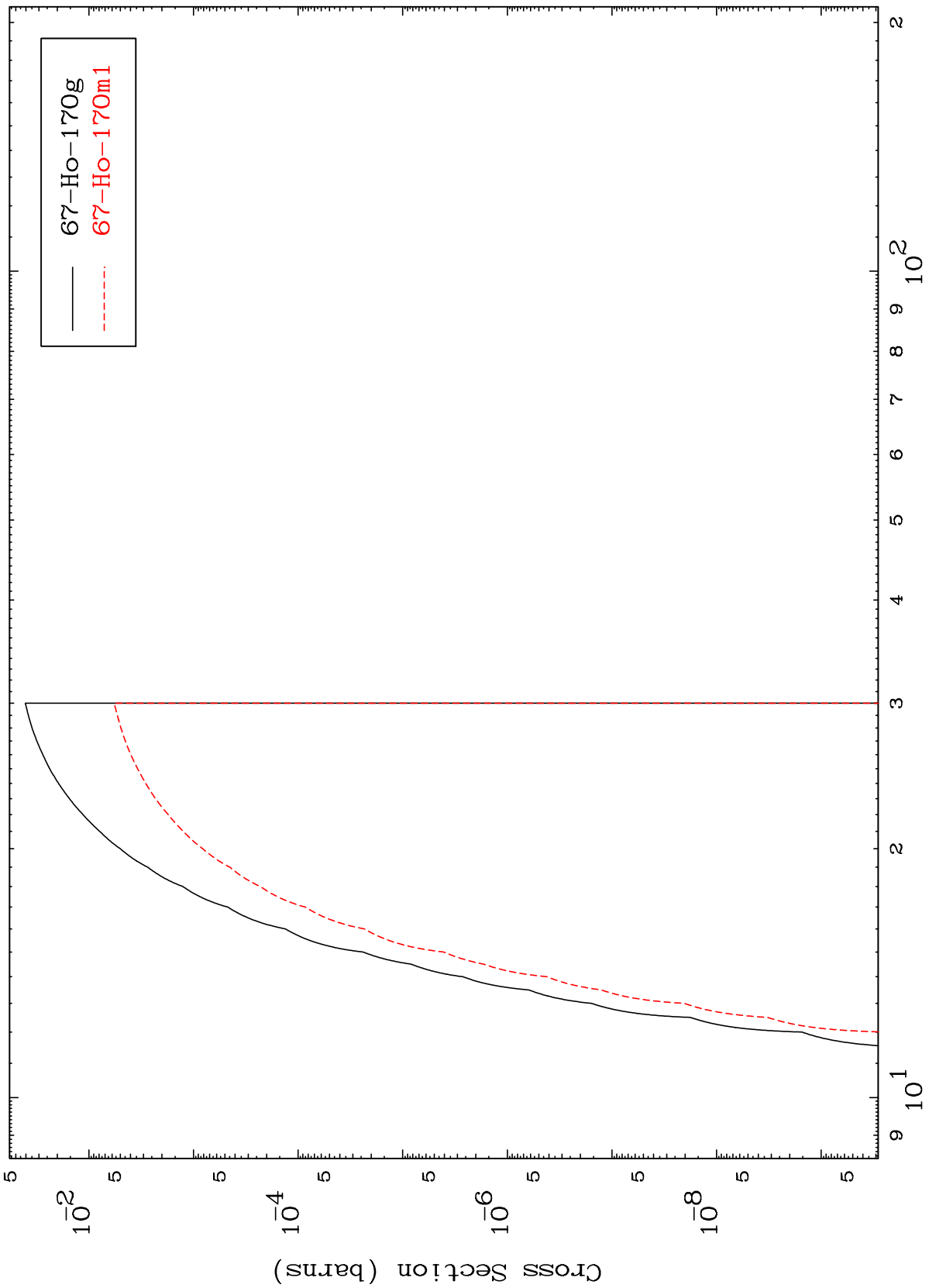
68-Er-171

MAT 6852

(n,n') p

68-Er-171

Radionuclide Production Cross Section



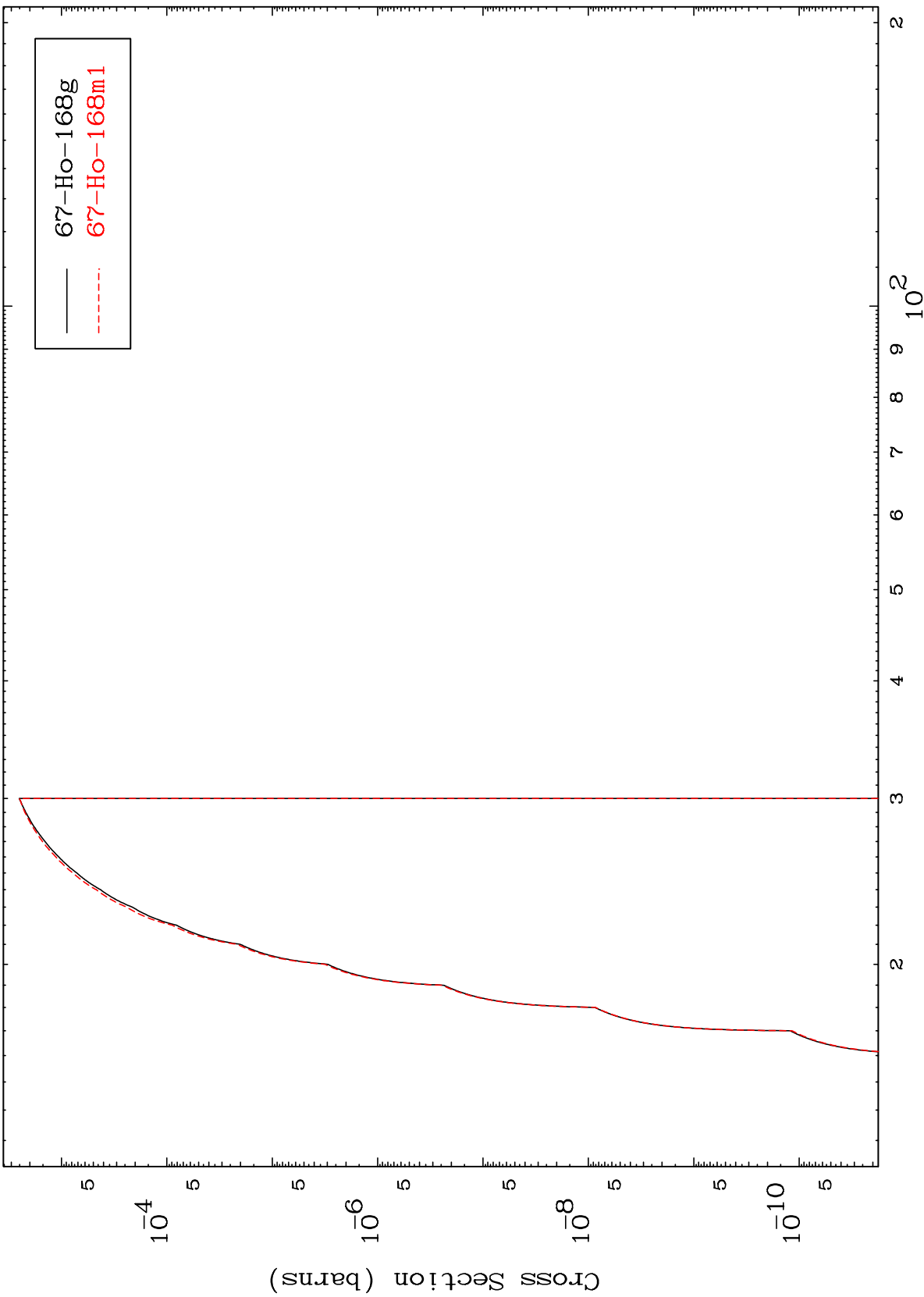
67-Ho-170g
67-Ho-170m1

142

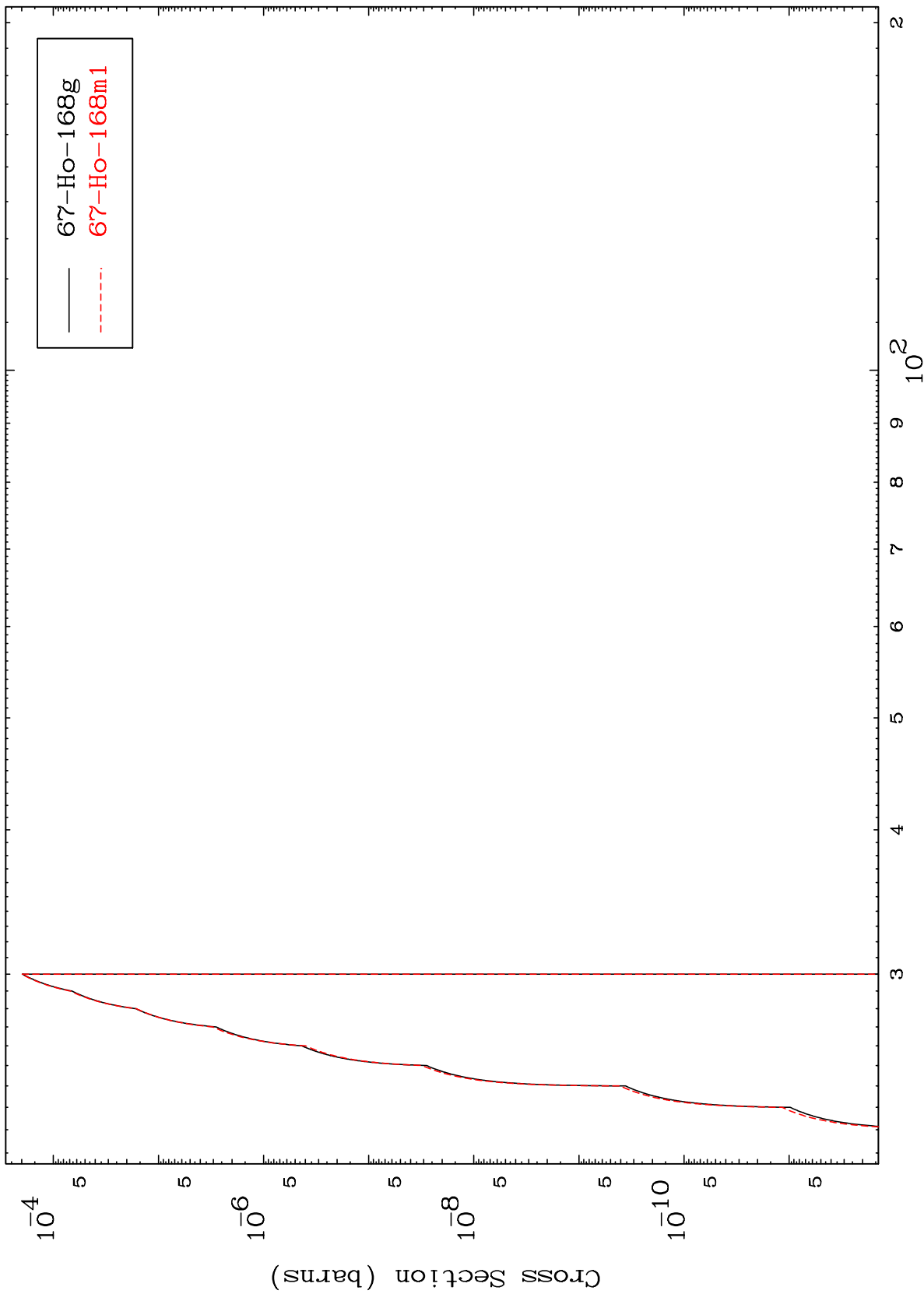
Incident Energy (MeV)

68-Er-171

Radionuclide Production Cross Section



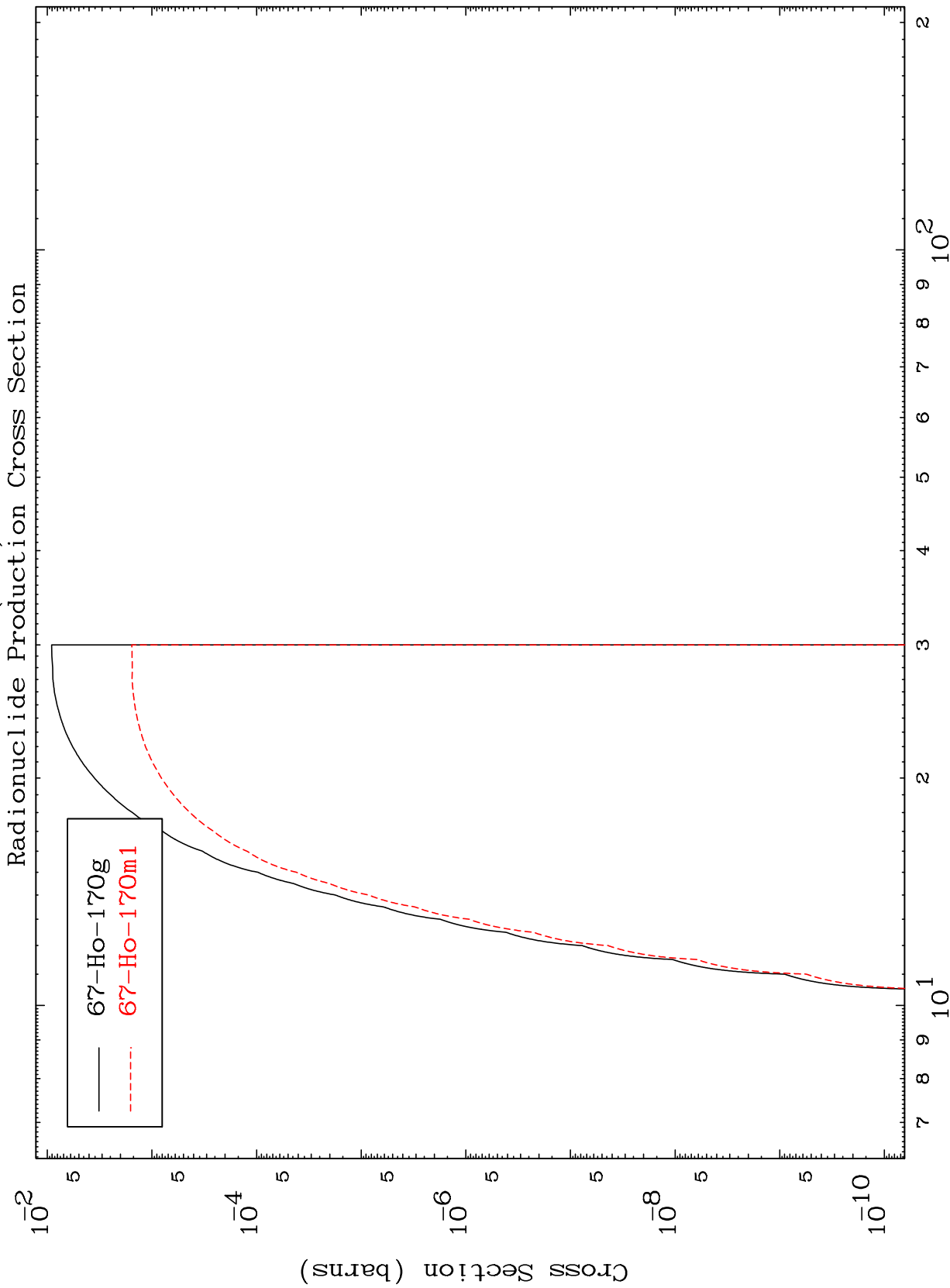
Radionuclide Production Cross Section



MAT 6852

(n,d)

68-Er-171



145

Incident Energy (MeV)

68-Er-171