

Program EVALPLOT
(Version 2015-2)

by

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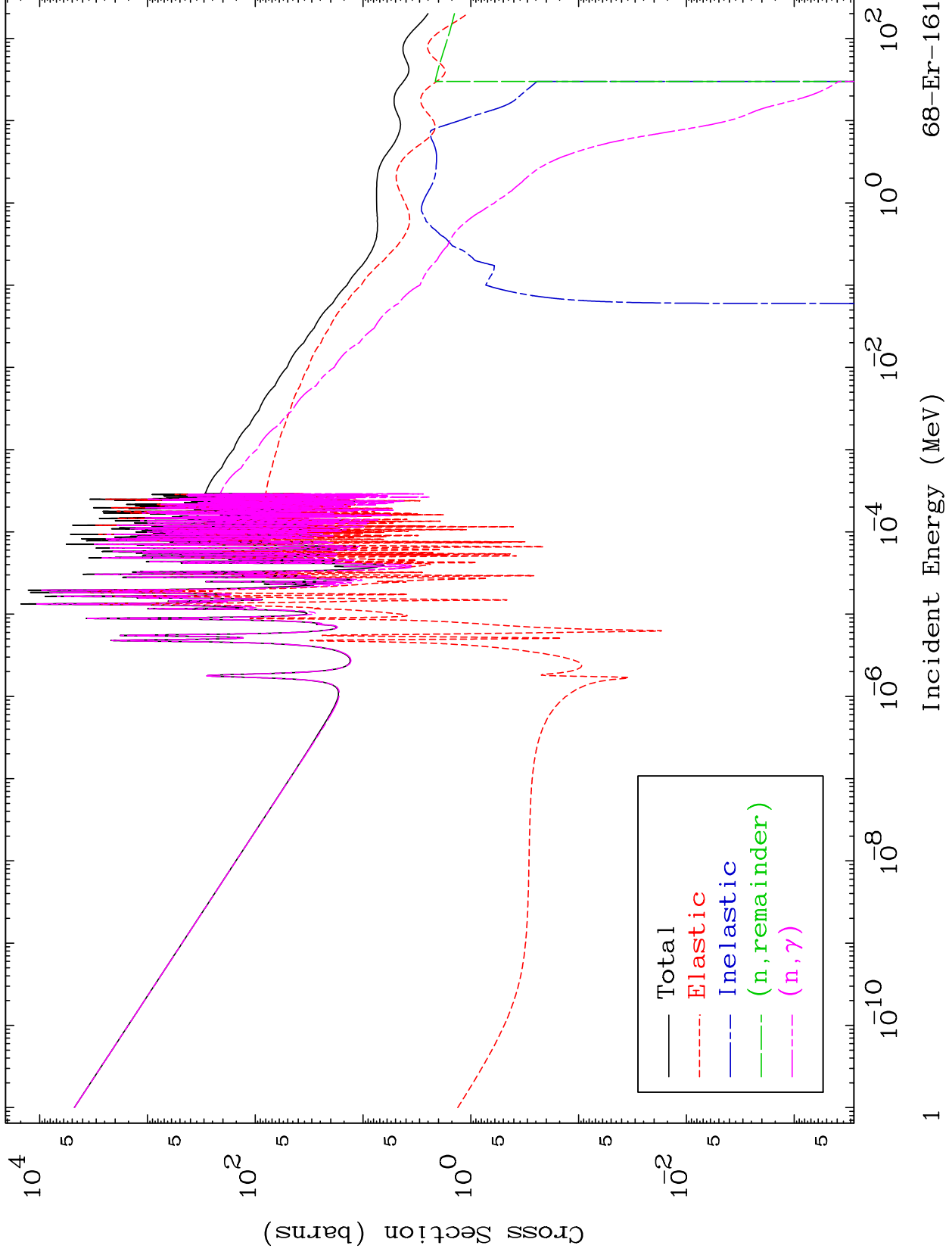
Press Mouse Button to Start

MAT 68222

Major

293 Kelvin Cross Sections

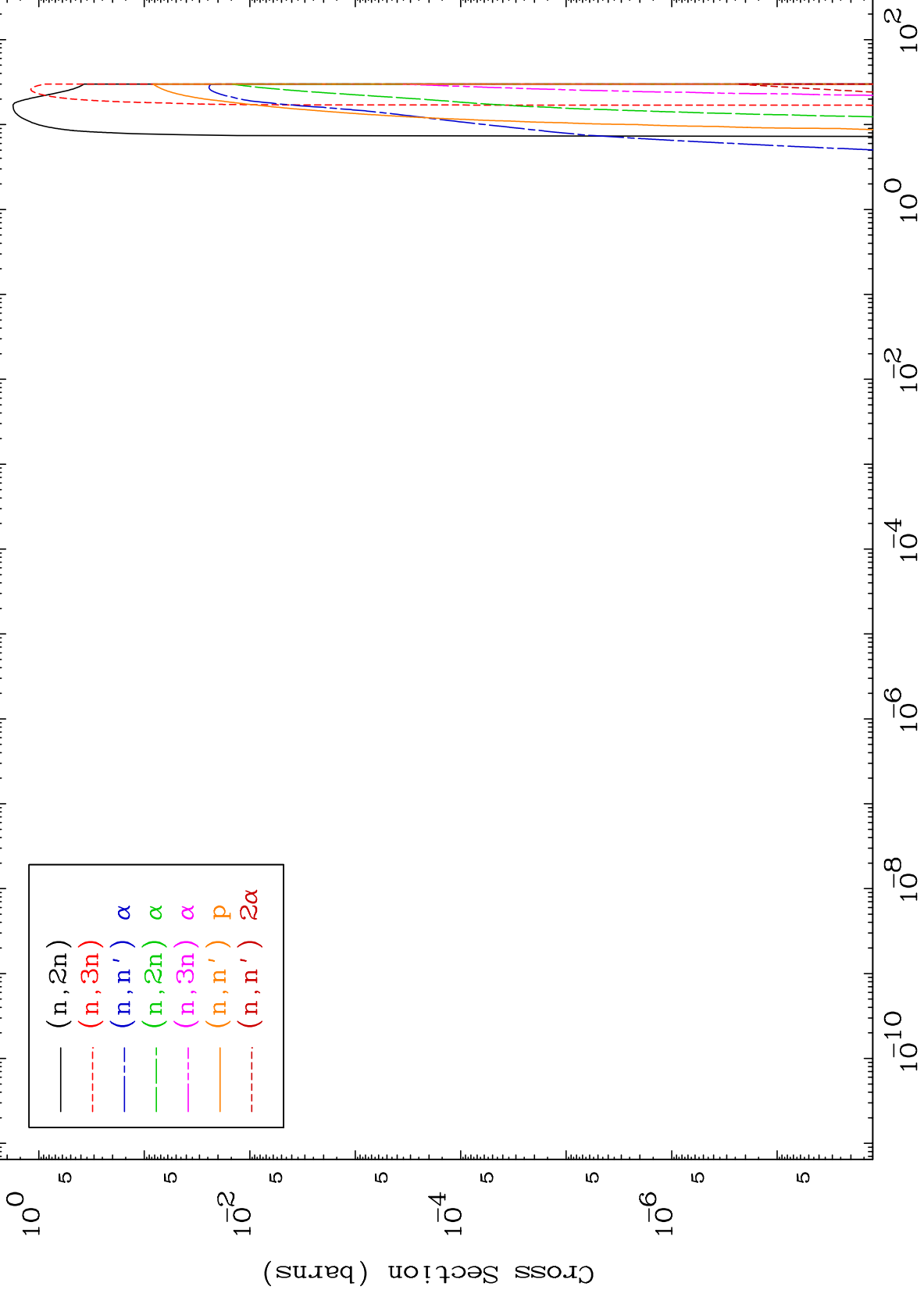
68-Er-161



MAT 6822

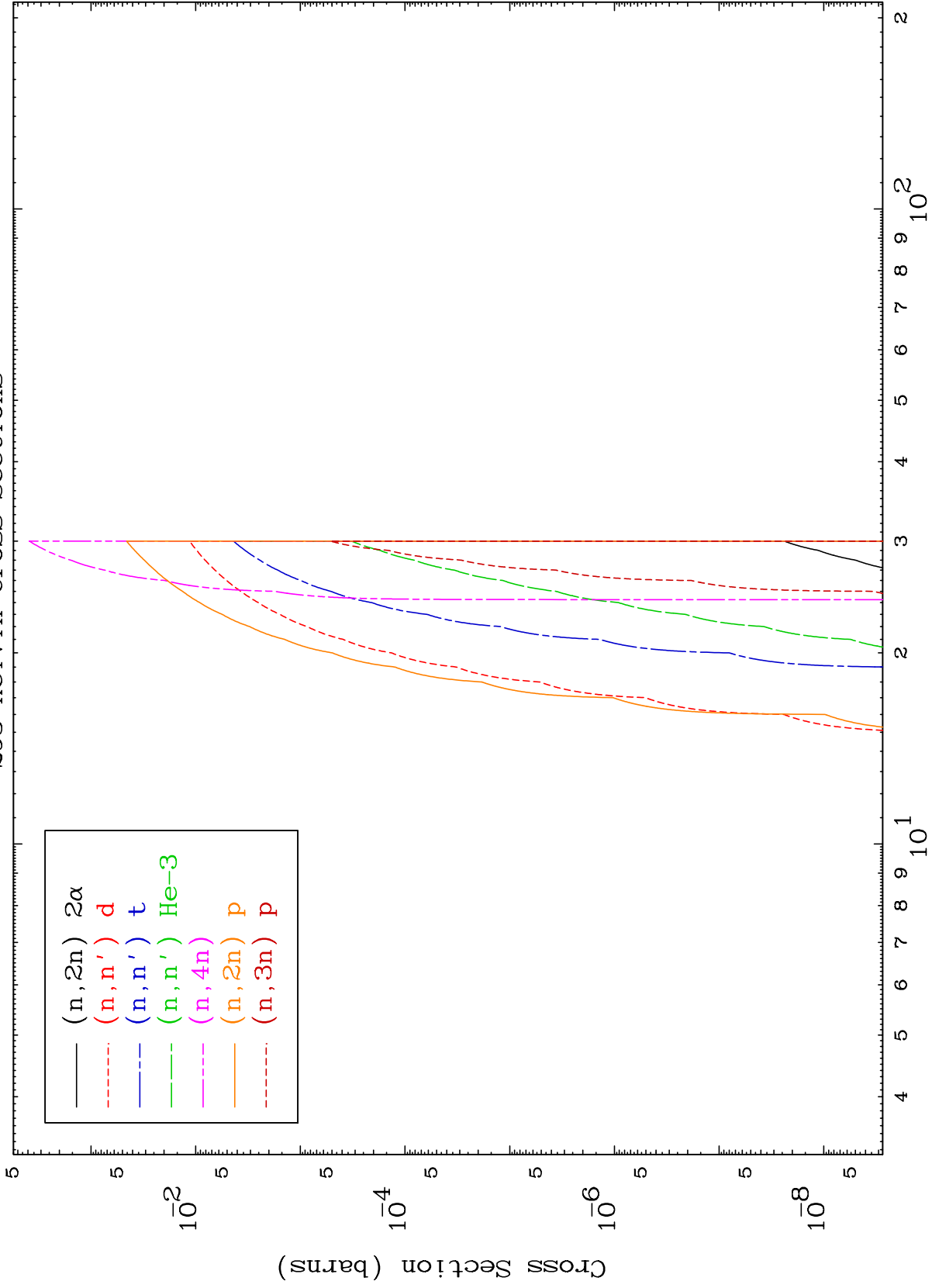
Neutron Production
293 Kelvin Cross Sections

68-Er-161



68-Er-161

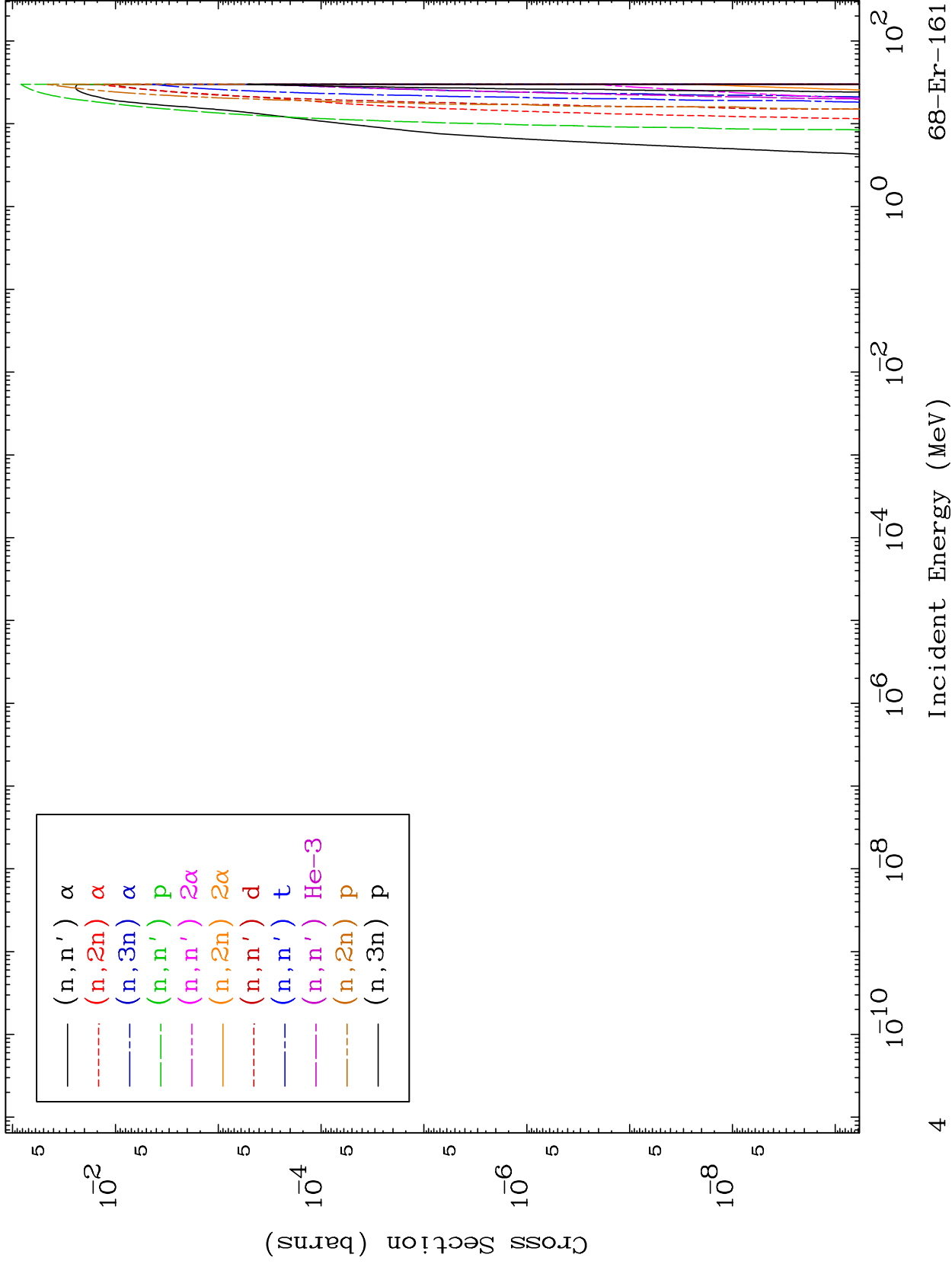
Incident Energy (MeV)



MAT 6822

Charged Particle
293 Kelvin Cross Sections

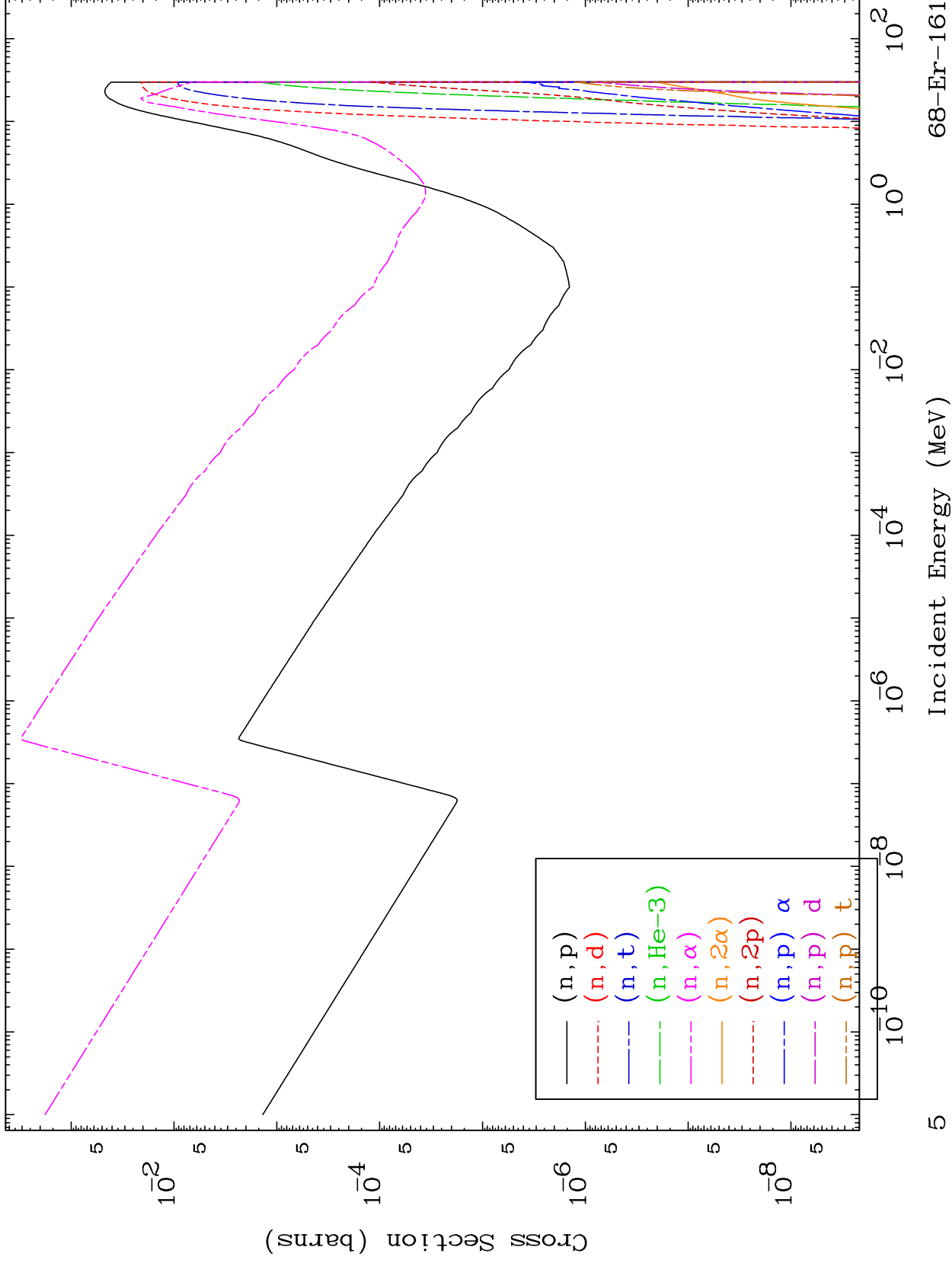
68-Er-161

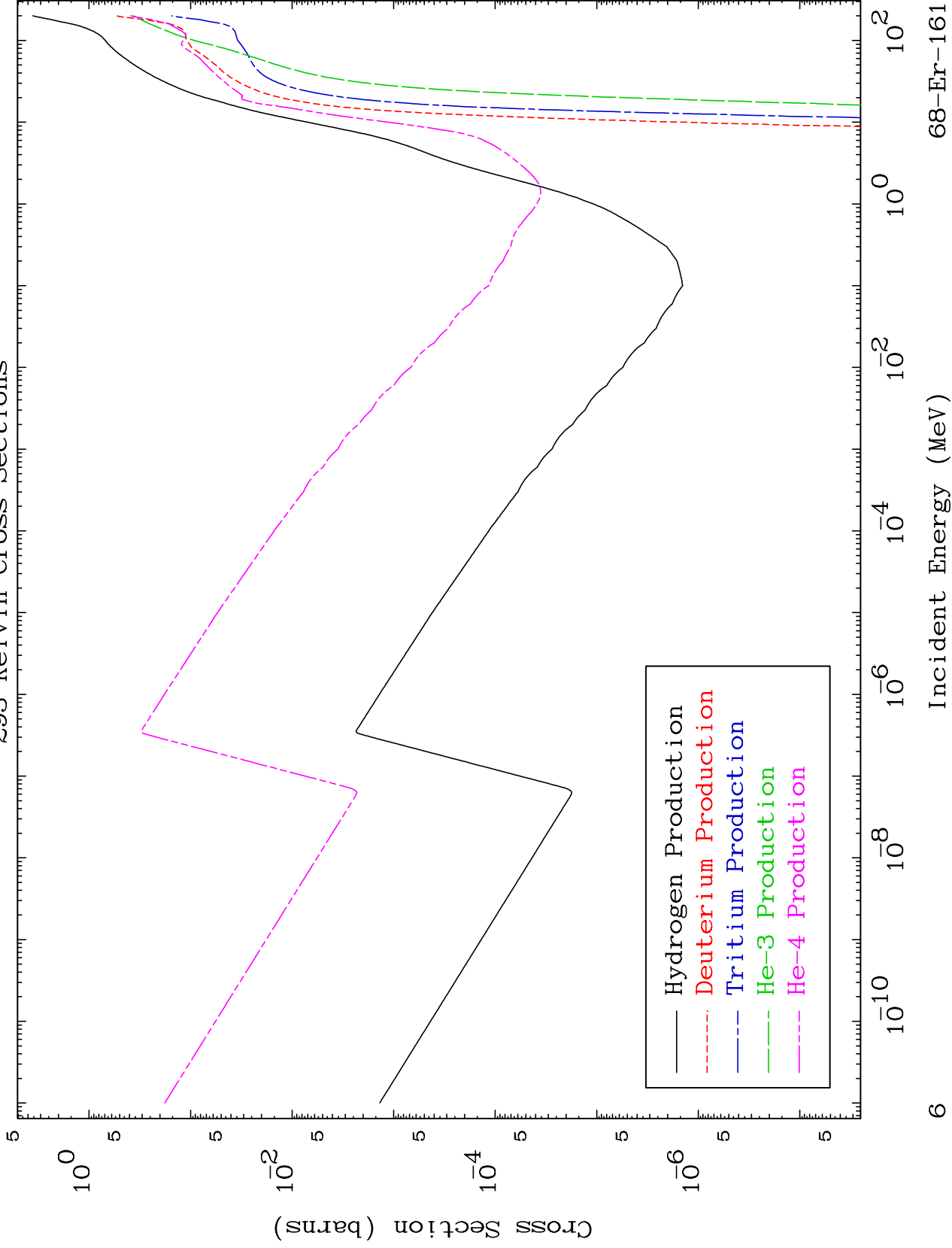


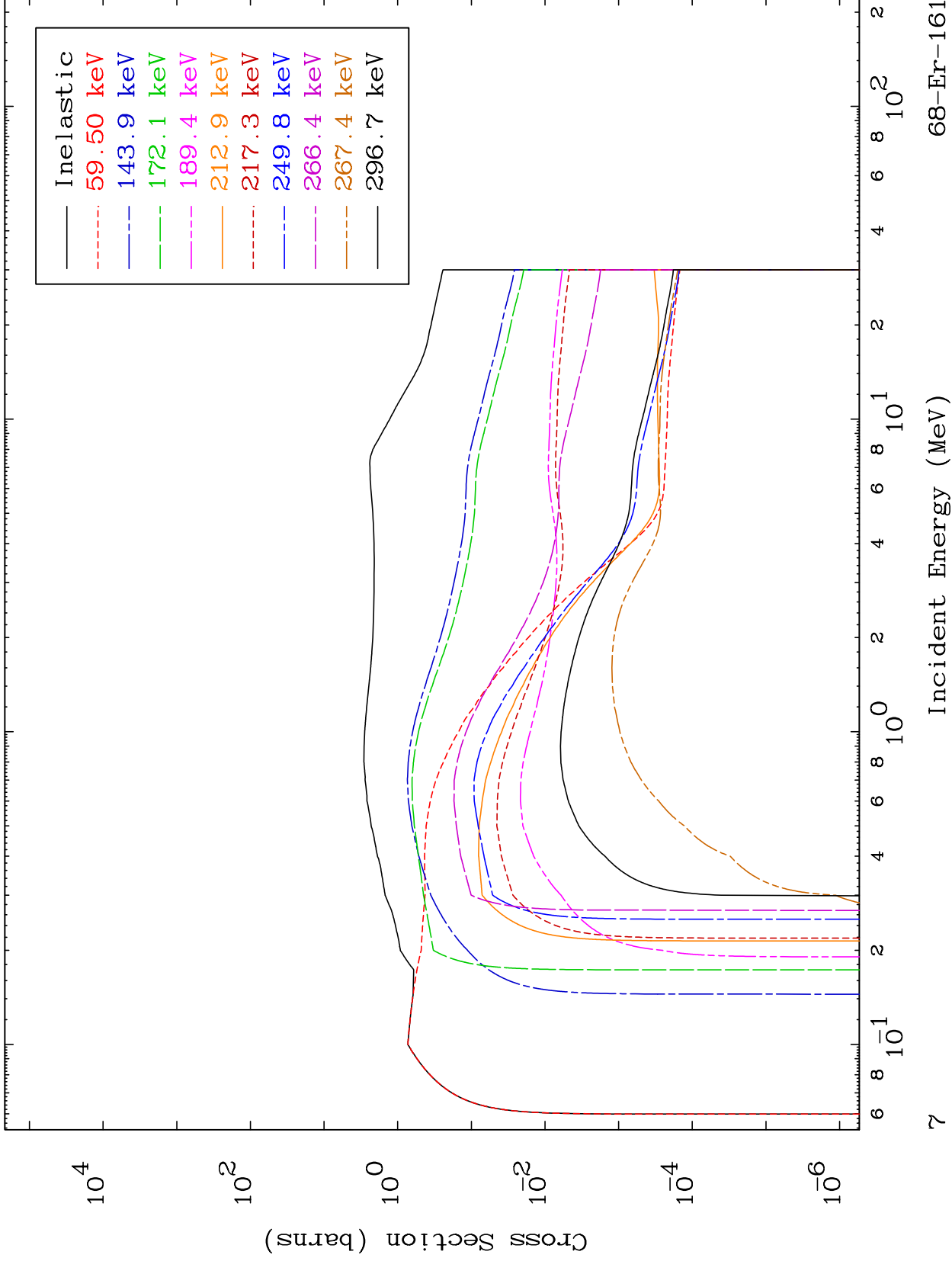
MAT 68222

Charged Particle
293 Kelvin Cross Sections

68-Er-161





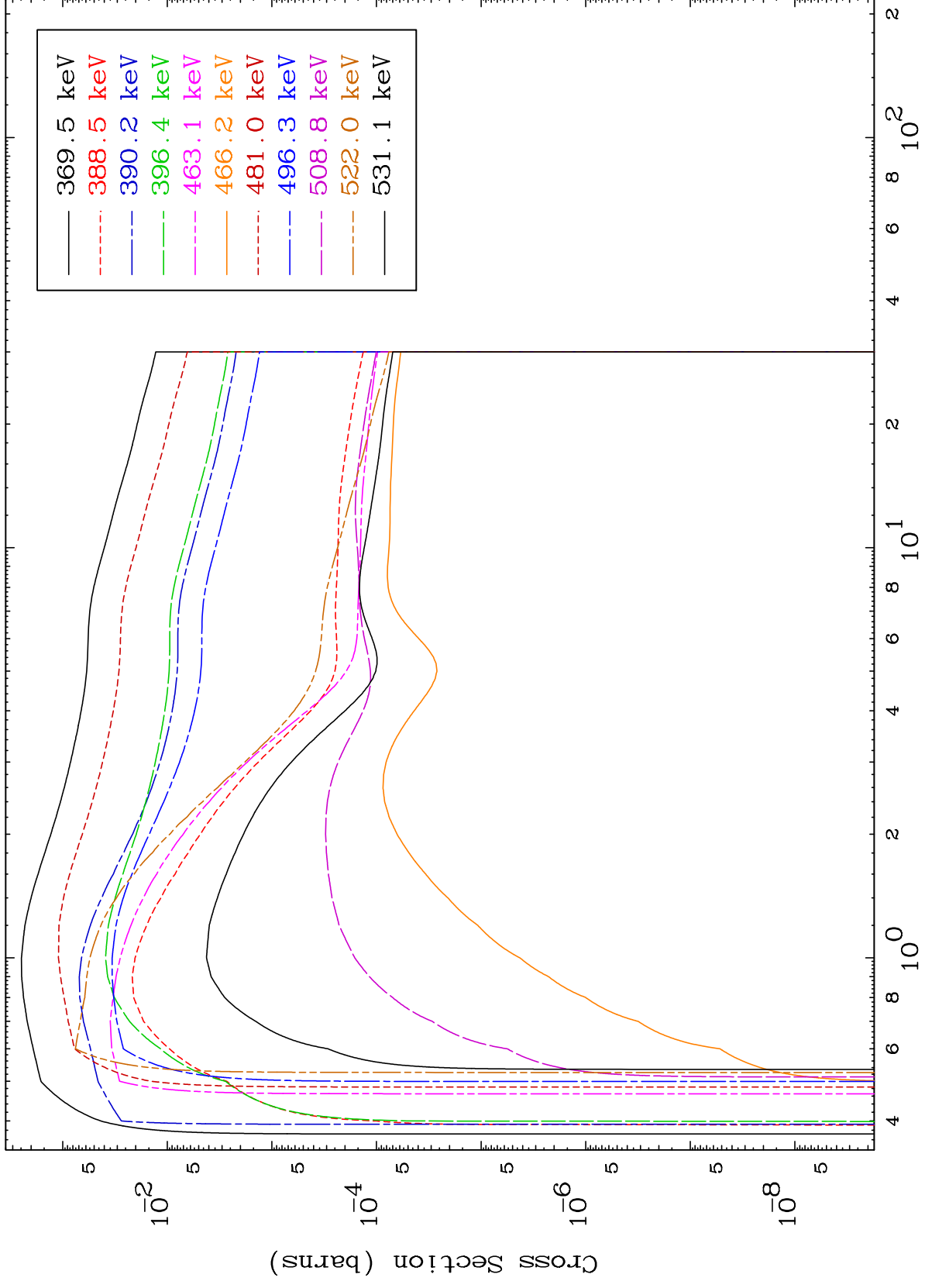


MAT 6822

(n,n') Level

68-Er-161

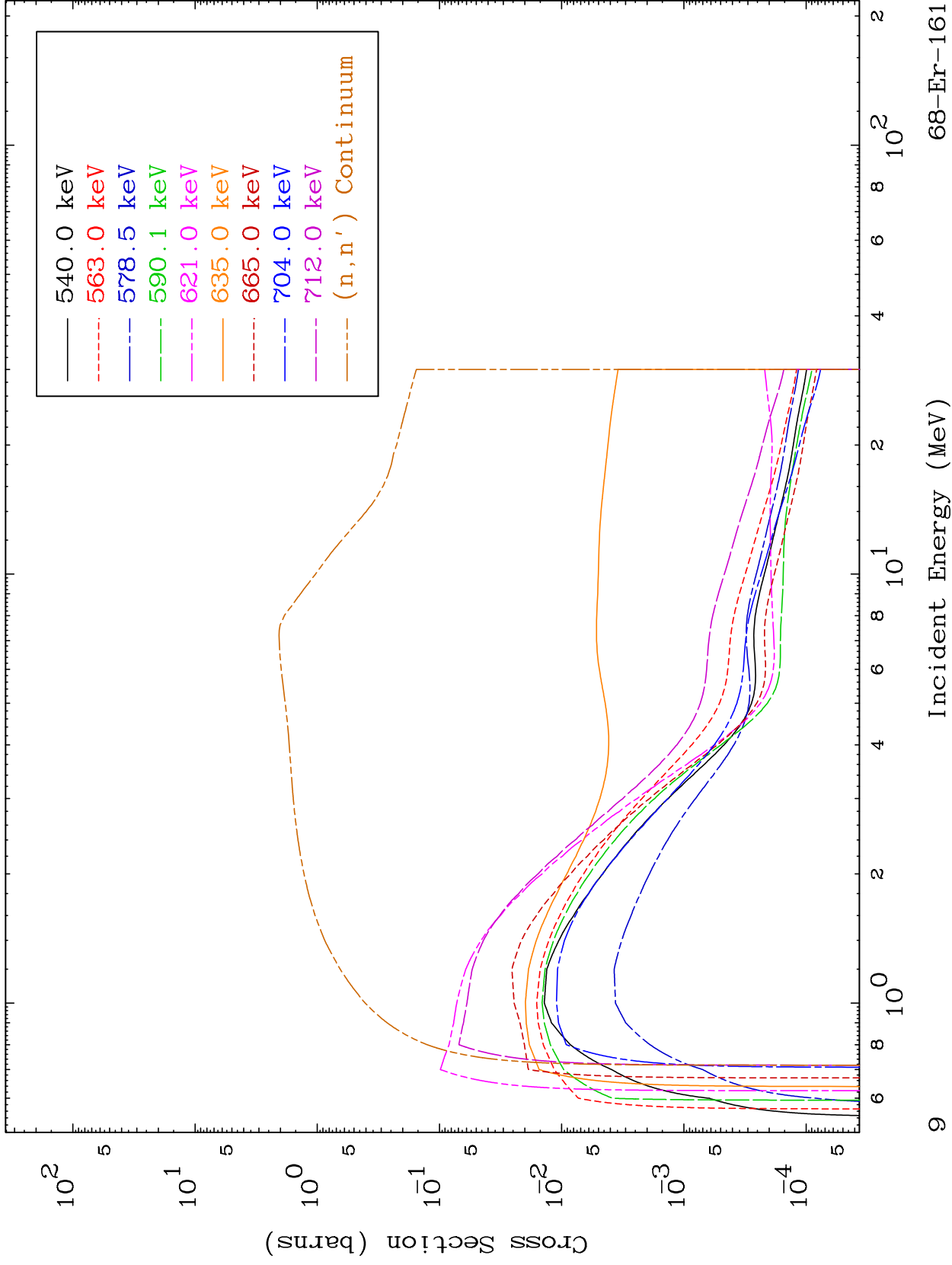
293 Kelvin Cross Sections



8

Incident Energy (MeV)

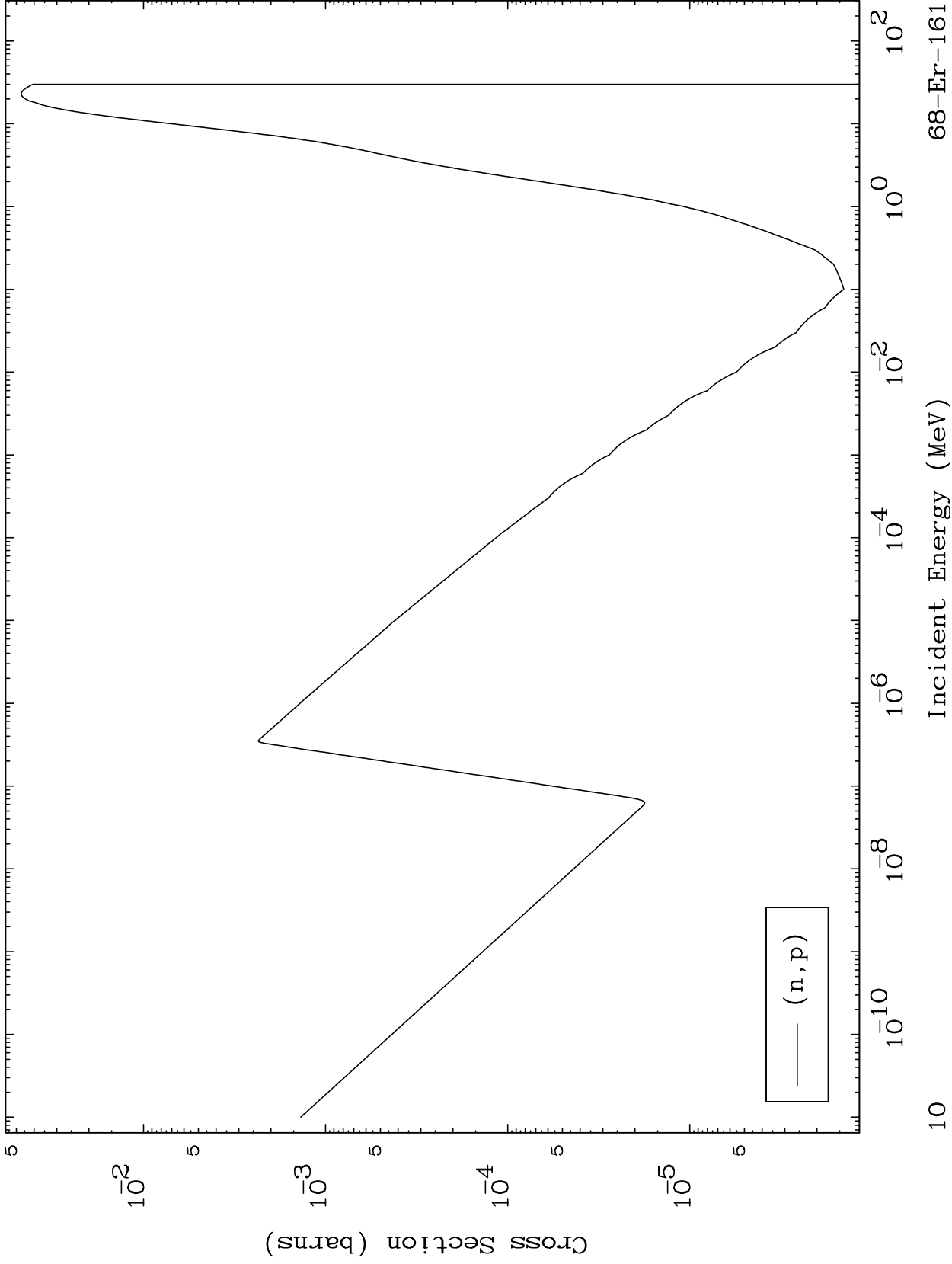
68-Er-161



MAT 68222

(n,p) Levels
293 Kelvin Cross Sections

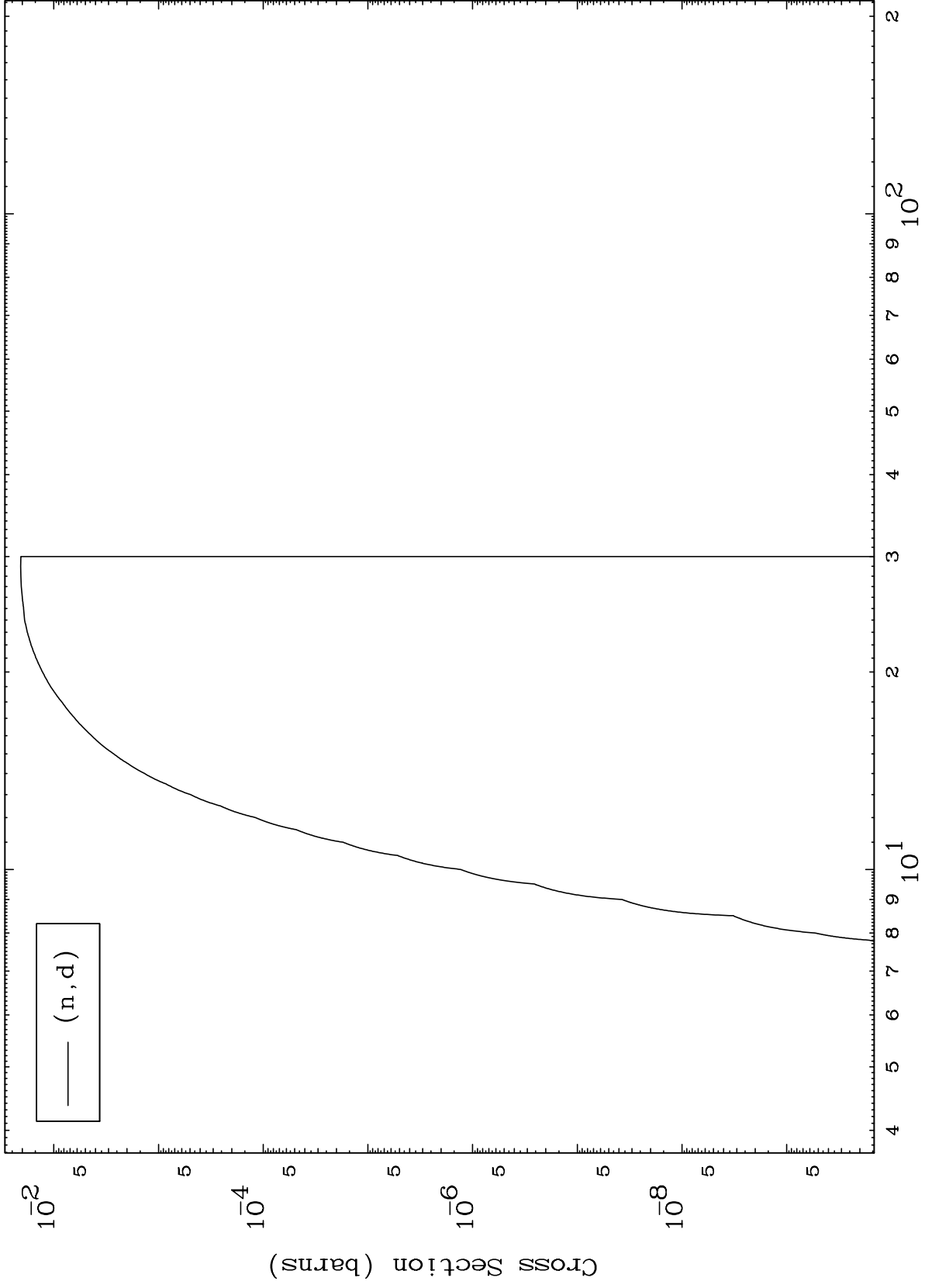
68-Er-161



MAT 6822

(n,d) Levels
293 Kelvin Cross Sections

68-Er-161



11

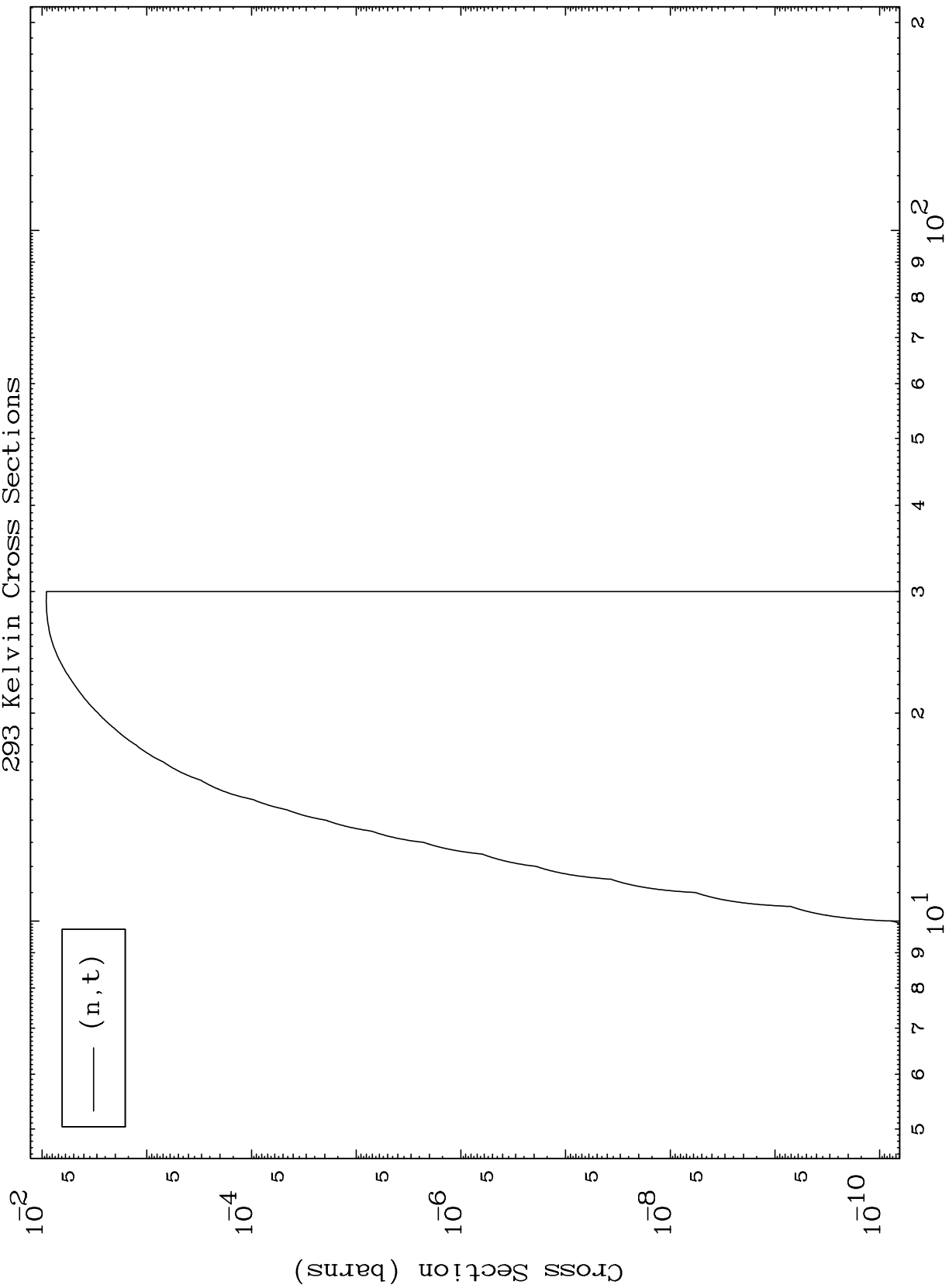
Incident Energy (MeV)

68-Er-161

MAT 6822

68-Er-161

(n,t) Levels
293 Kelvin Cross Sections



68-Er-161

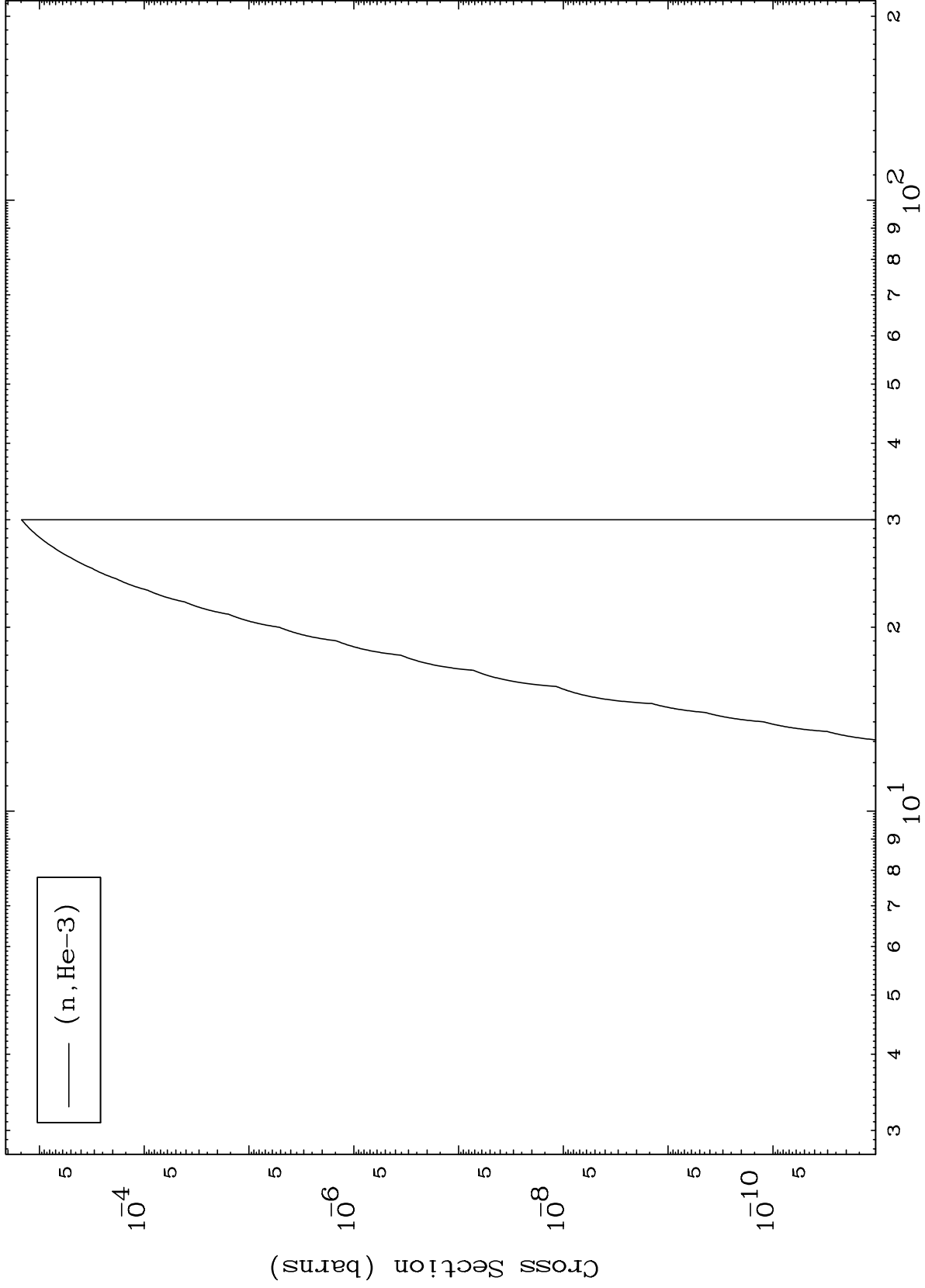
Incident Energy (MeV)

12

MAT 68222

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-161



13

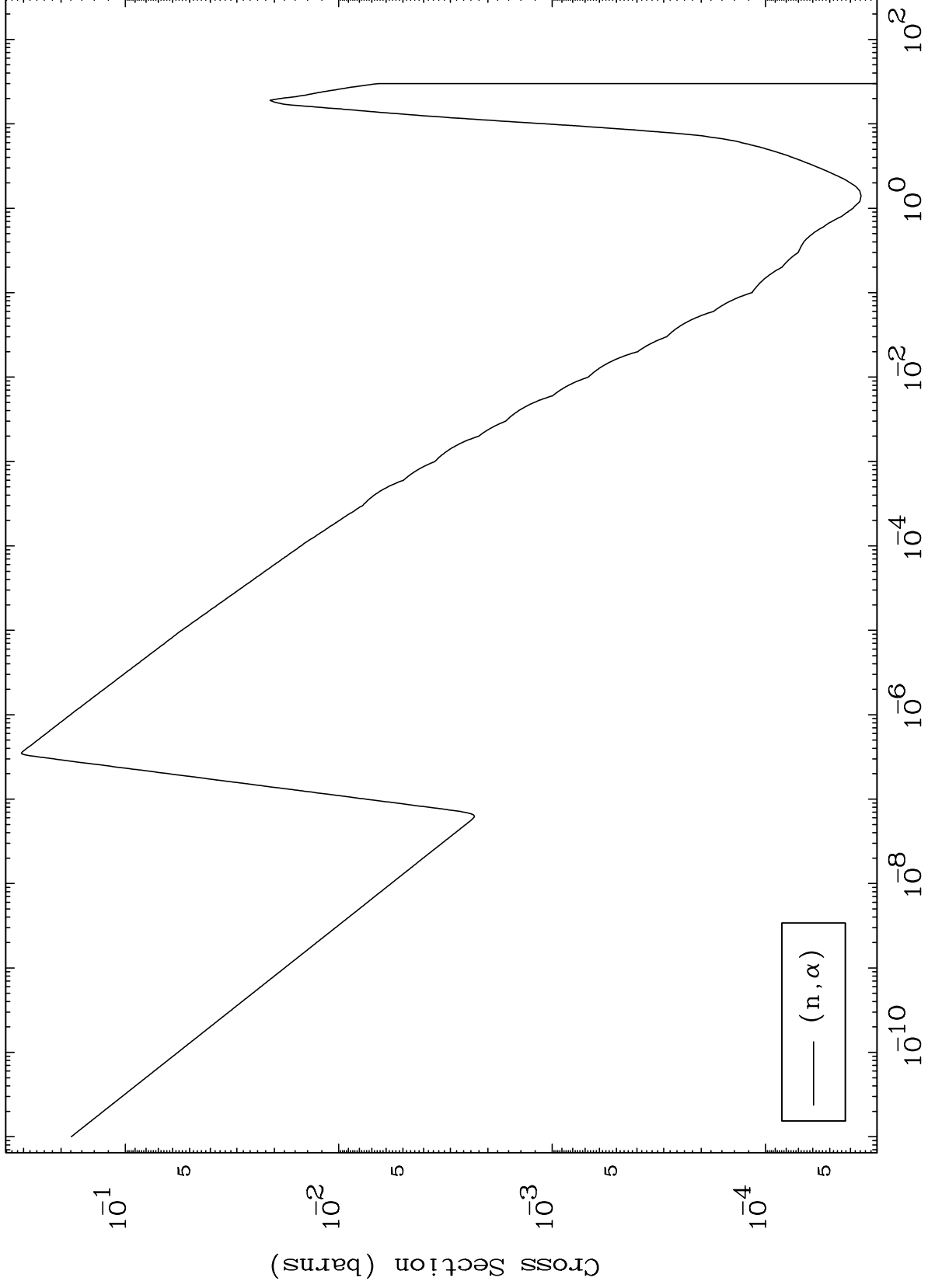
Incident Energy (MeV)

68-Er-161

MAT 6822

(n, α) Levels
293 Kelvin Cross Sections

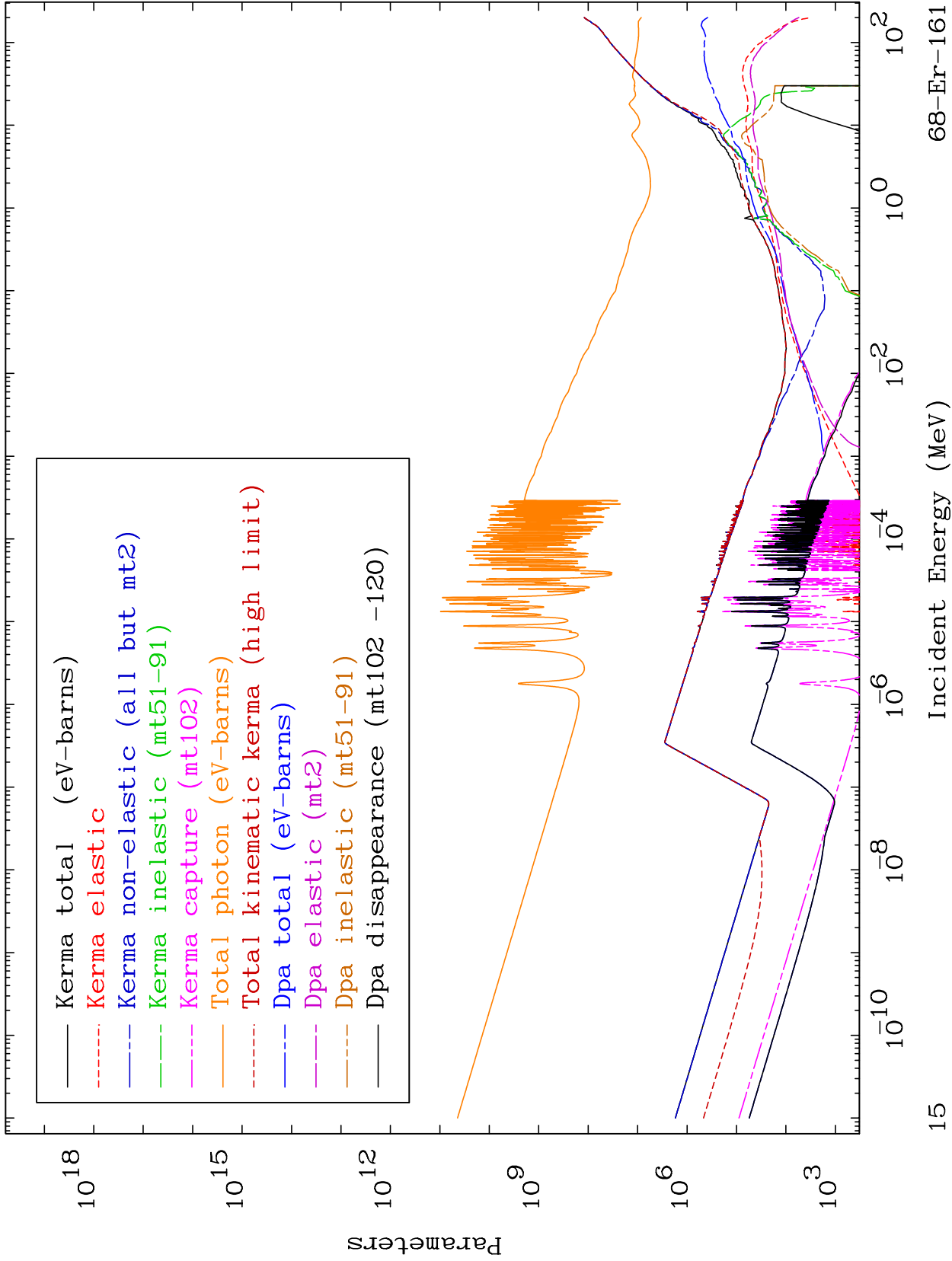
68-Er-161



14

Incident Energy (MeV)

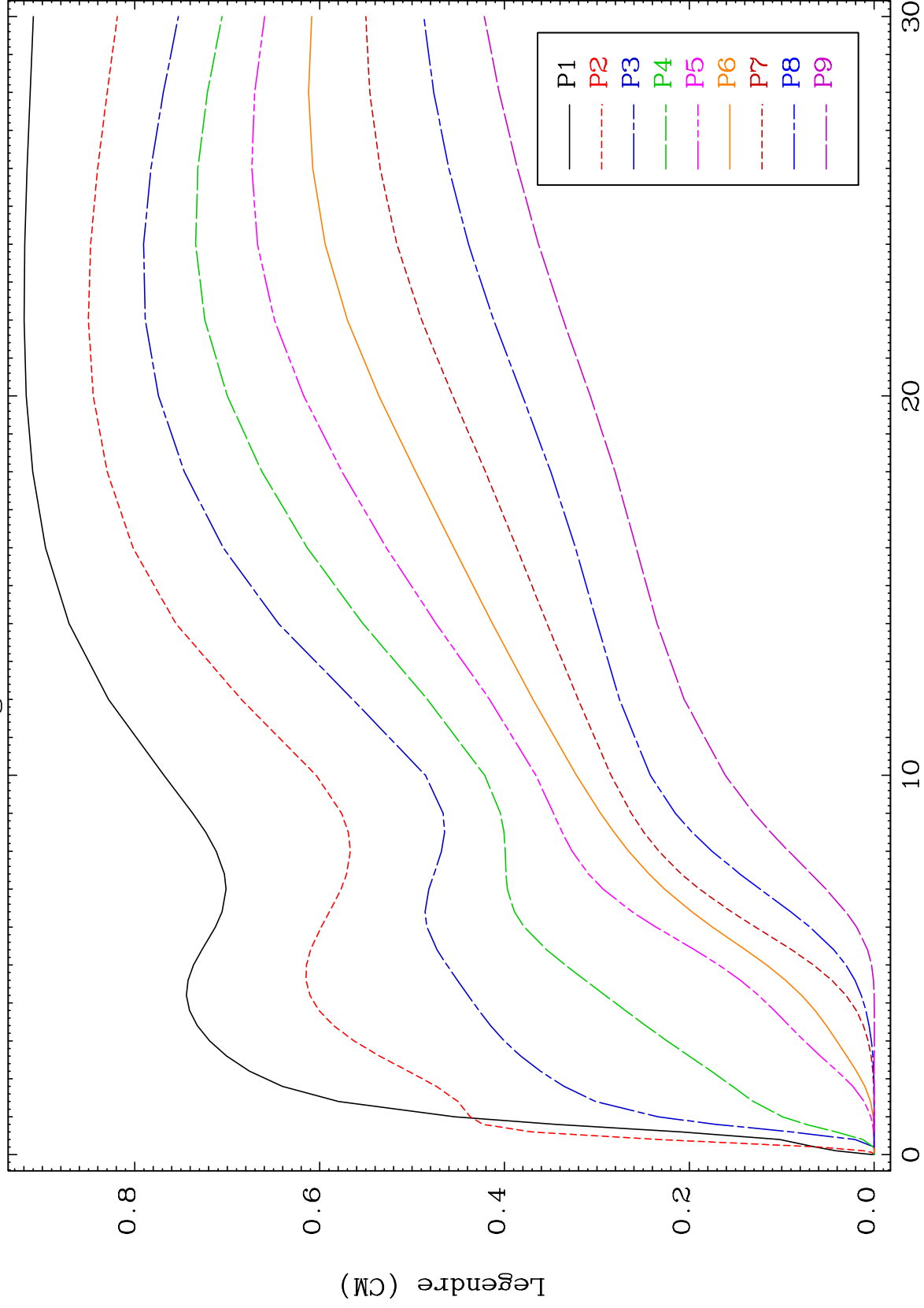
68-Er-161



MAT 6822

Elastic Legendre Coefficients

68-Er-161



16

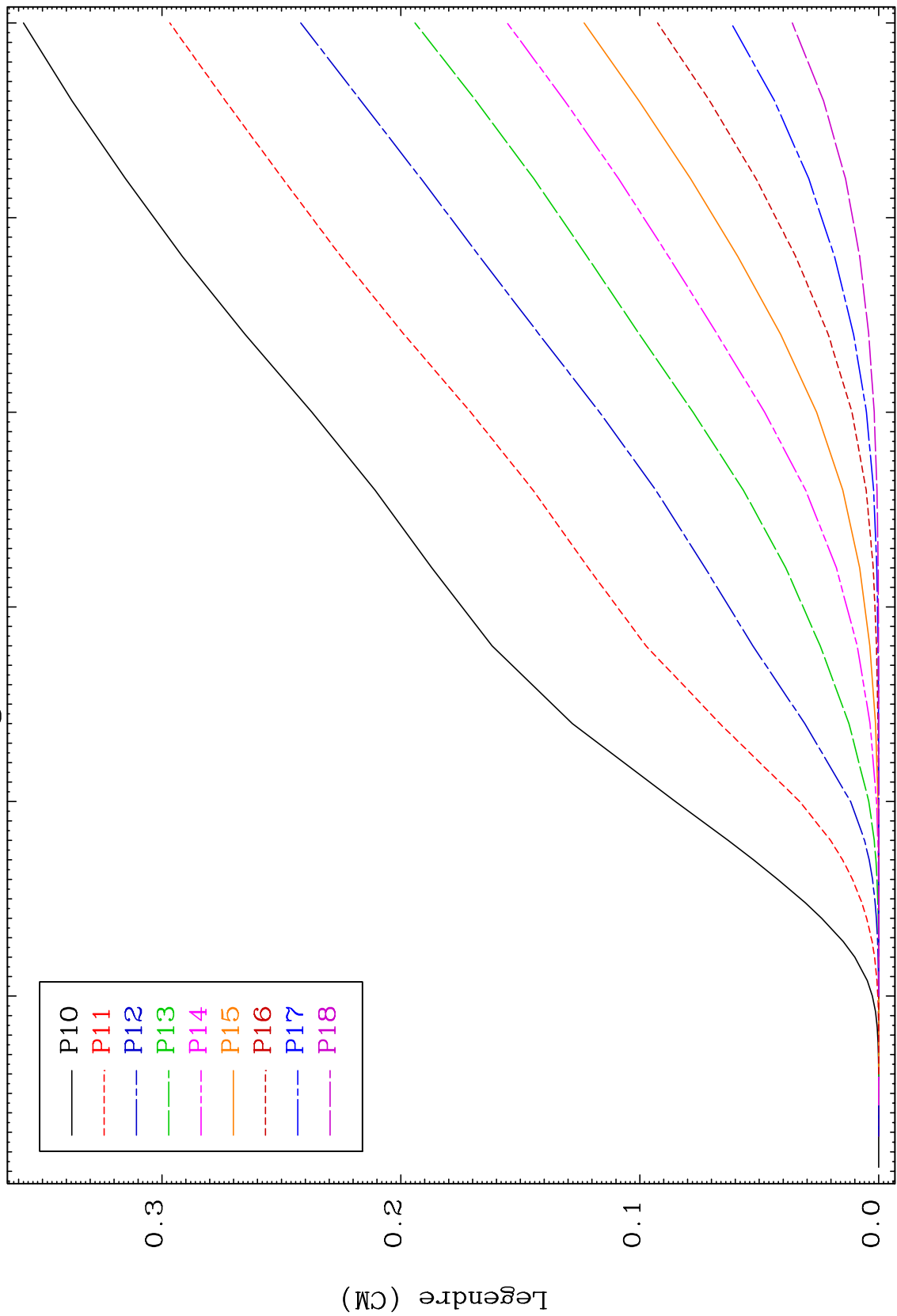
Incident Energy (MeV)

68-Er-161

MAT 6822

Elastic
Legendre Coefficients

68-Er-161



17

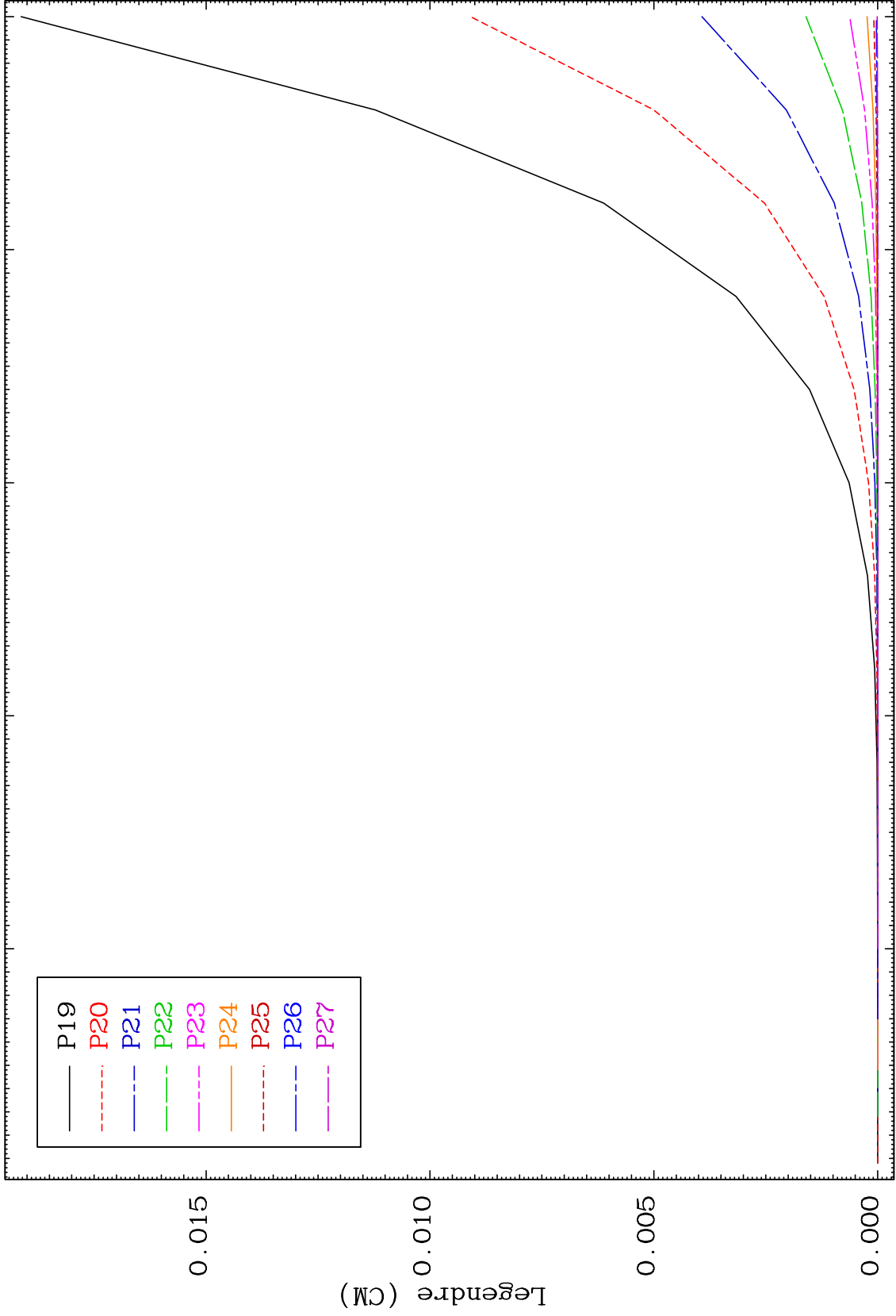
68-Er-161

Incident Energy (MeV)

MAT 68222

Elastic Legendre Coefficients

68-Er-161



18

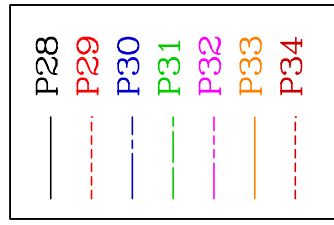
Incident Energy (MeV)

68-Er-161

MAT 6822

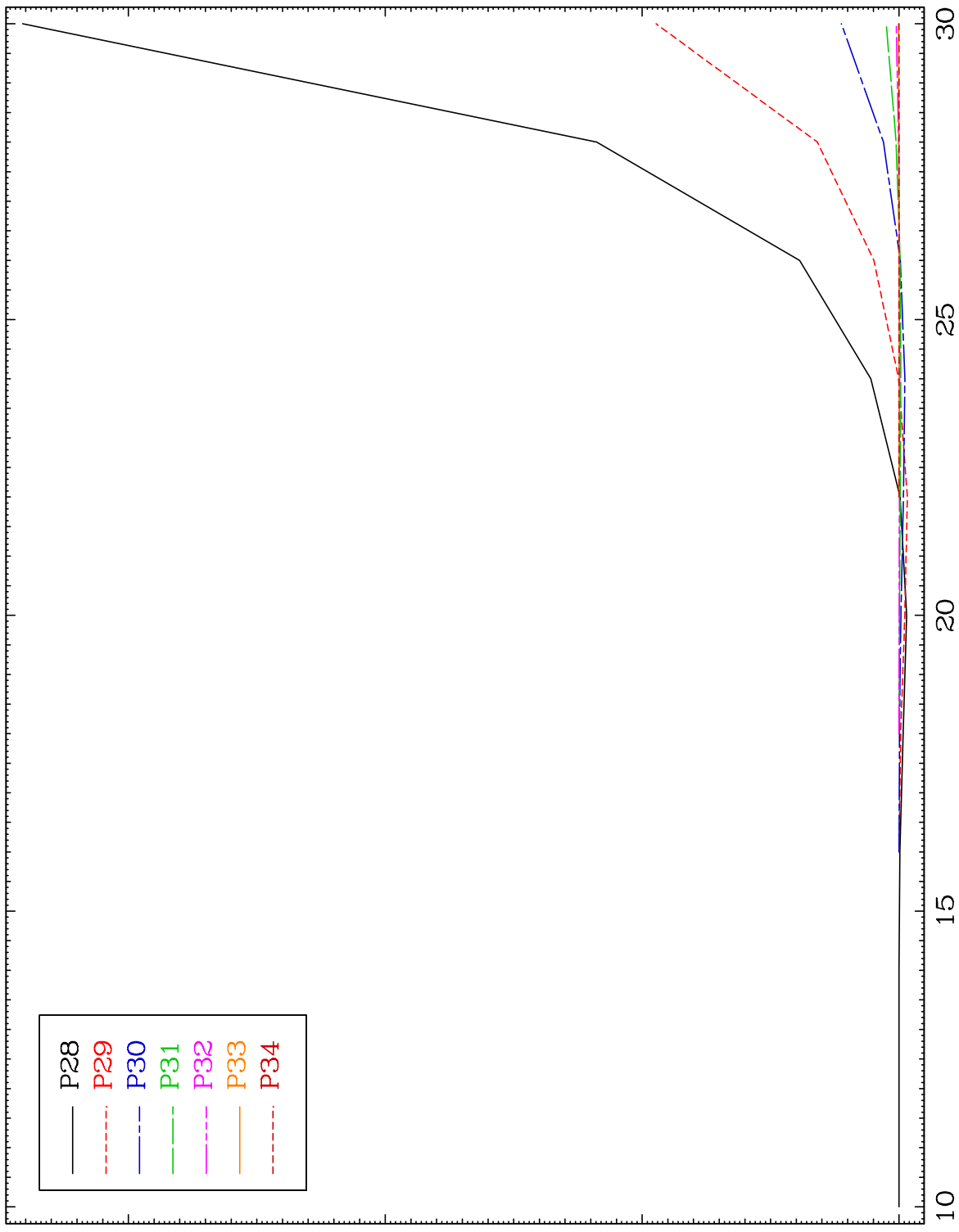
Elastic
Legendre Coefficients

68-Er-161



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

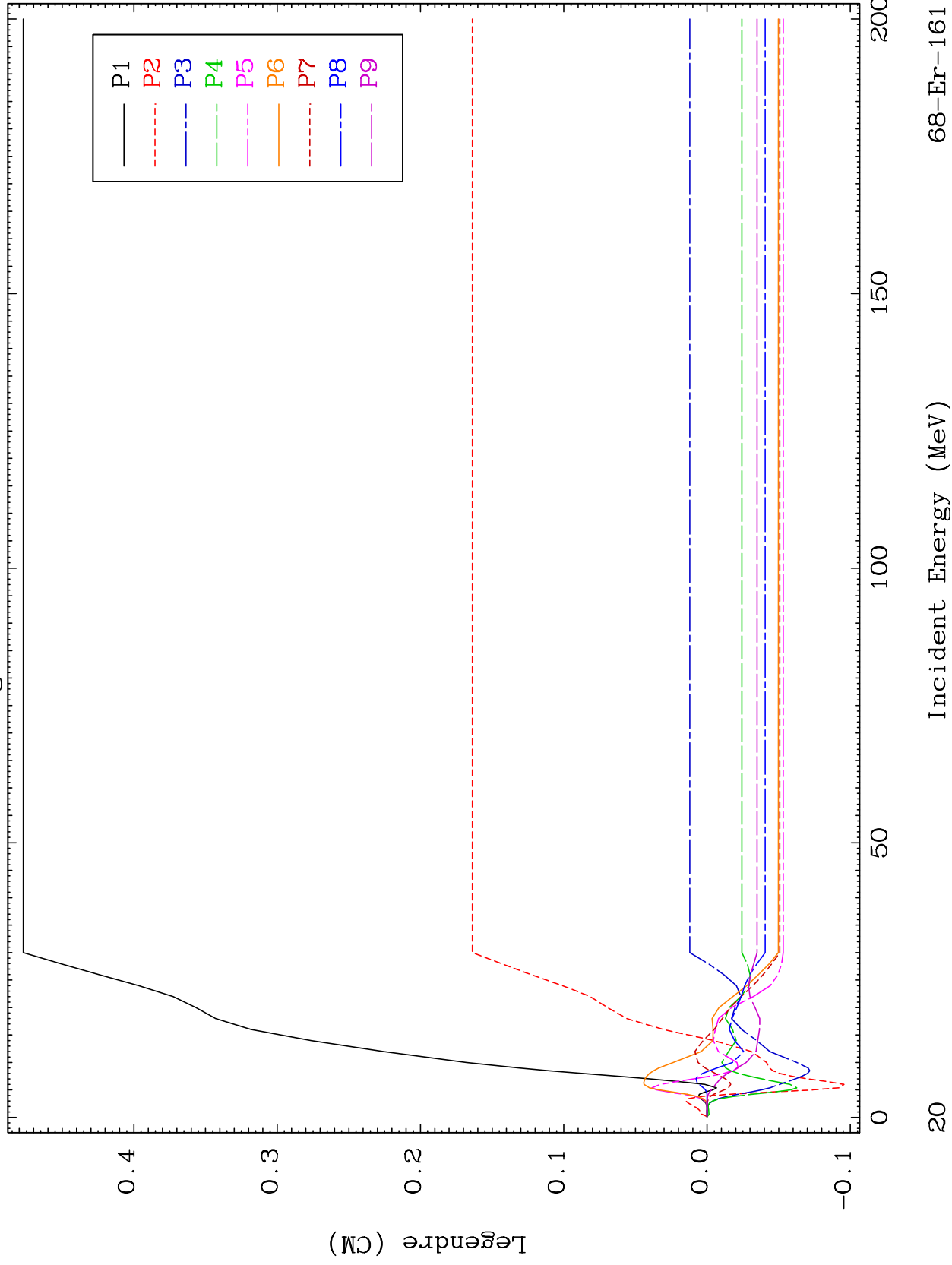
Incident Energy (MeV)

68-Er-161

MAT 6822

59.50 keV (n,n') Level
Legendre Coefficients

68-Er-161

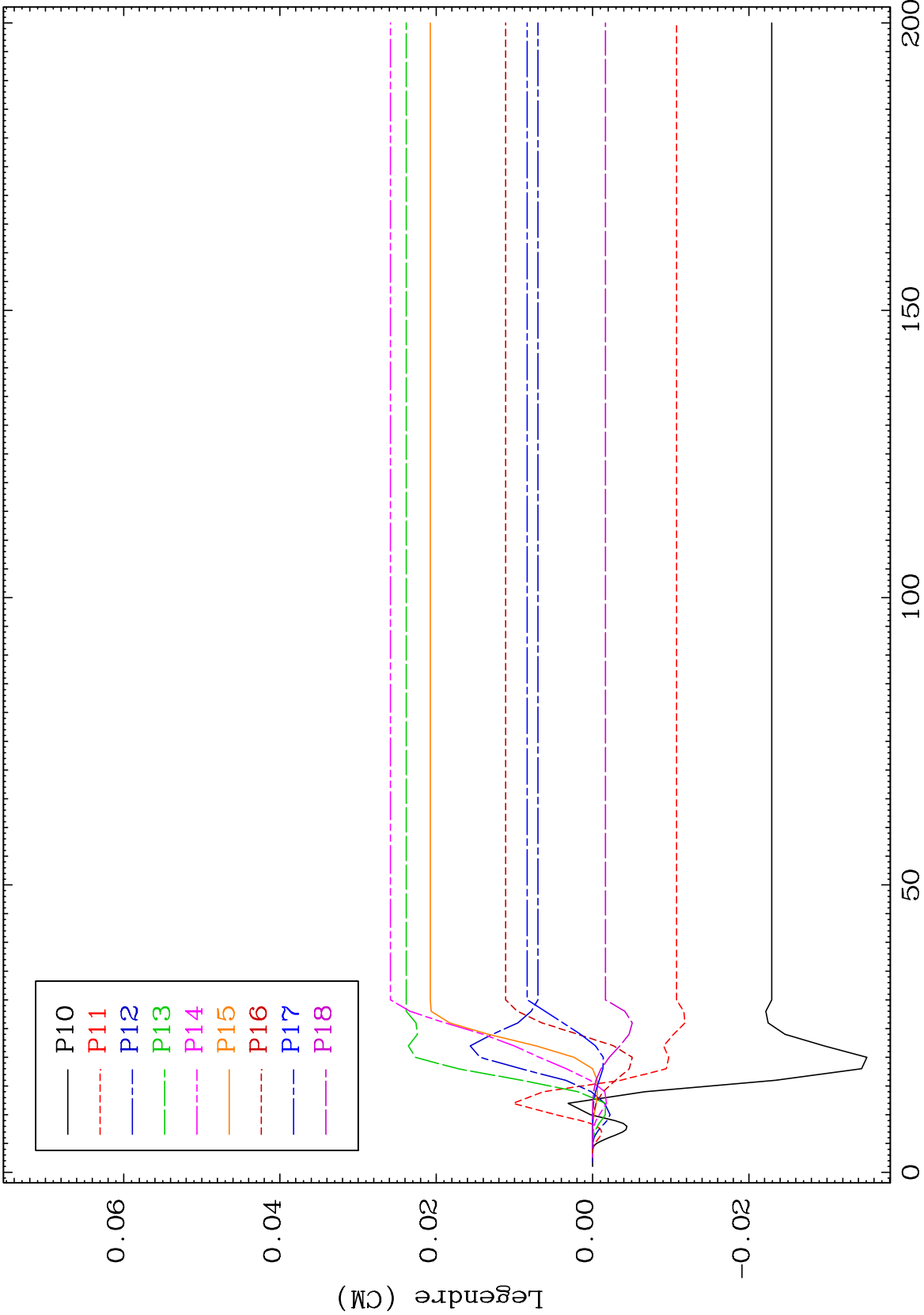


68-Er-161

MAT 68222

59.50 keV (n,n') Level
Legendre Coefficients

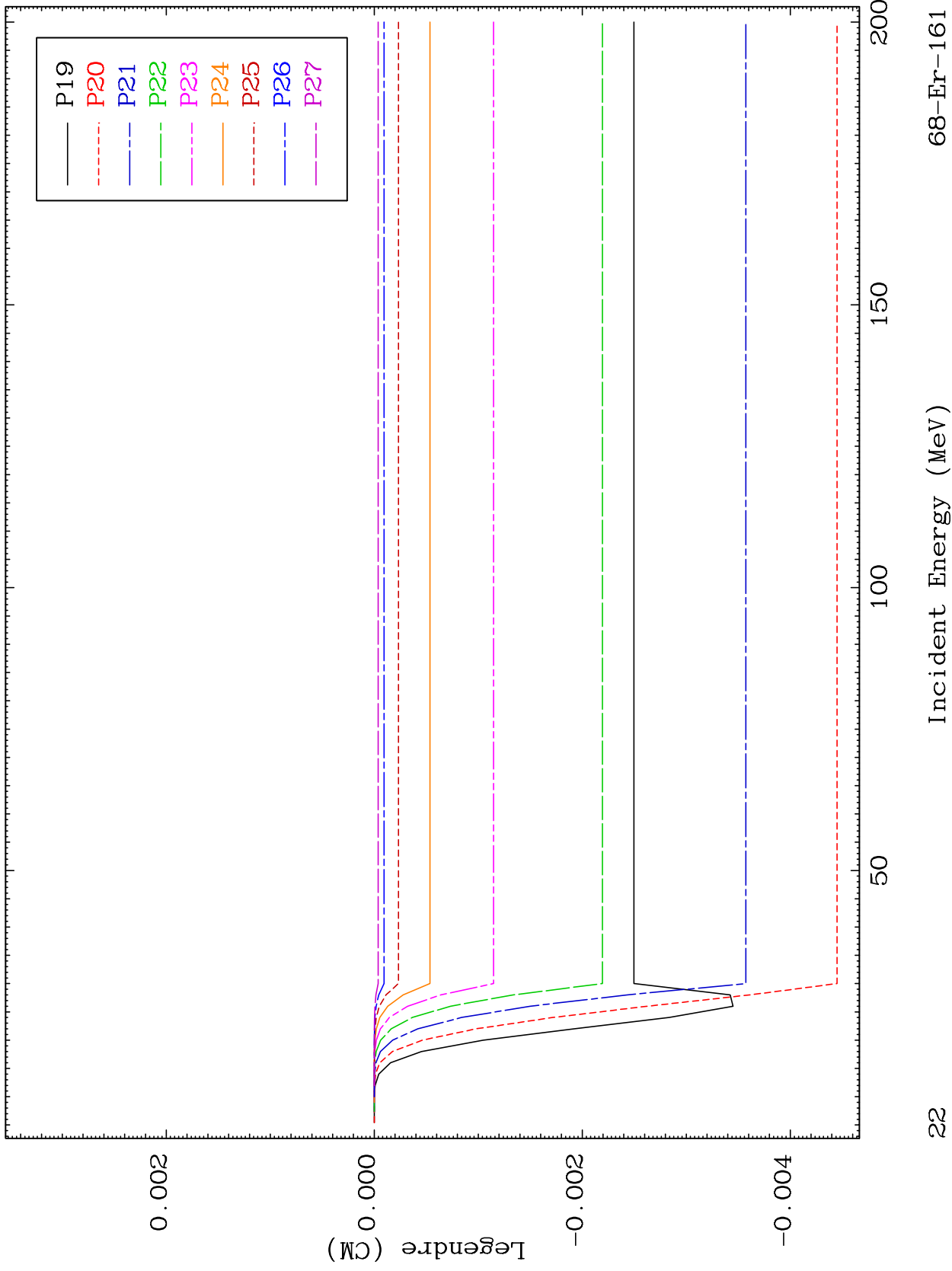
68-Er-161

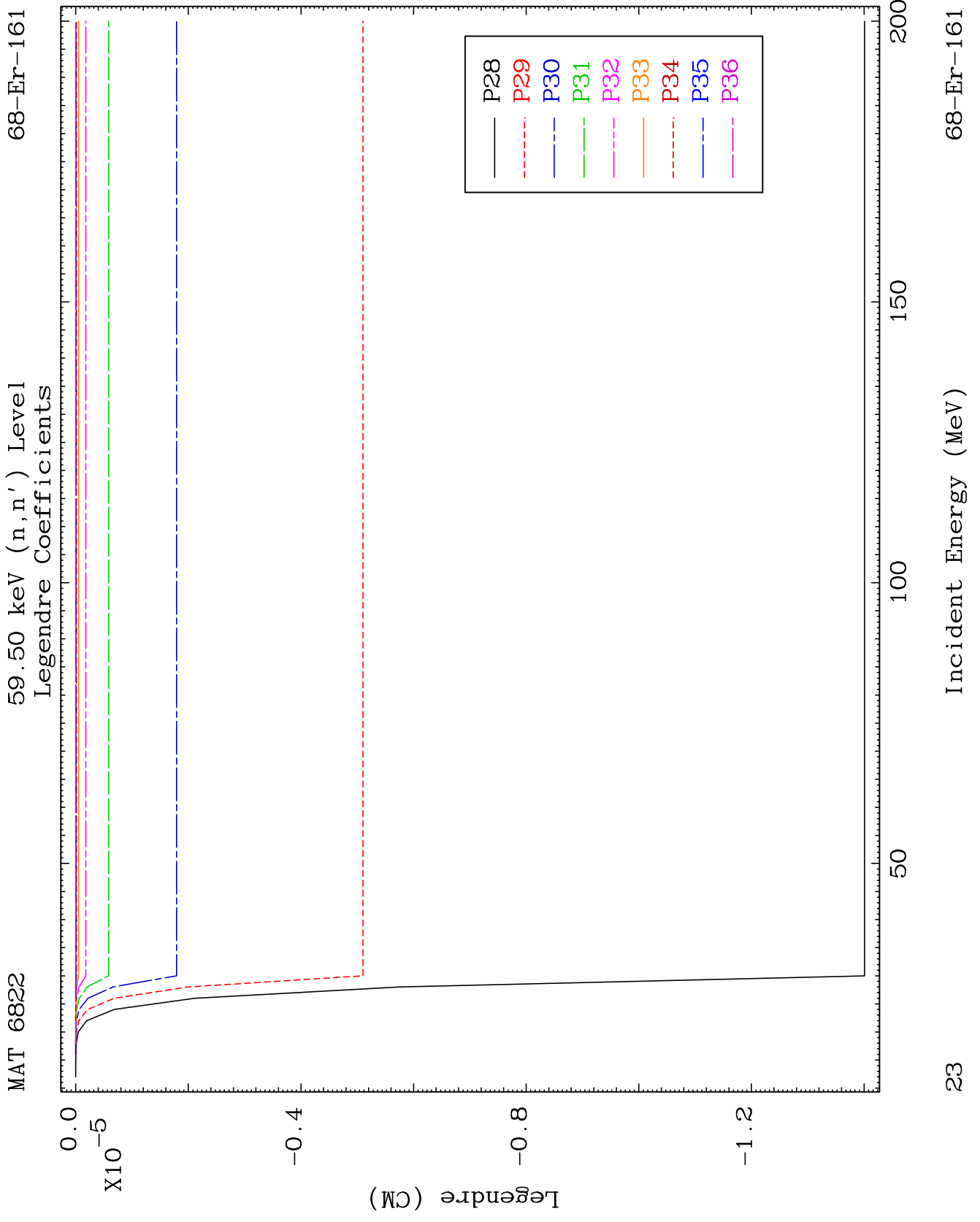


68-Er-161

Incident Energy (MeV)

21

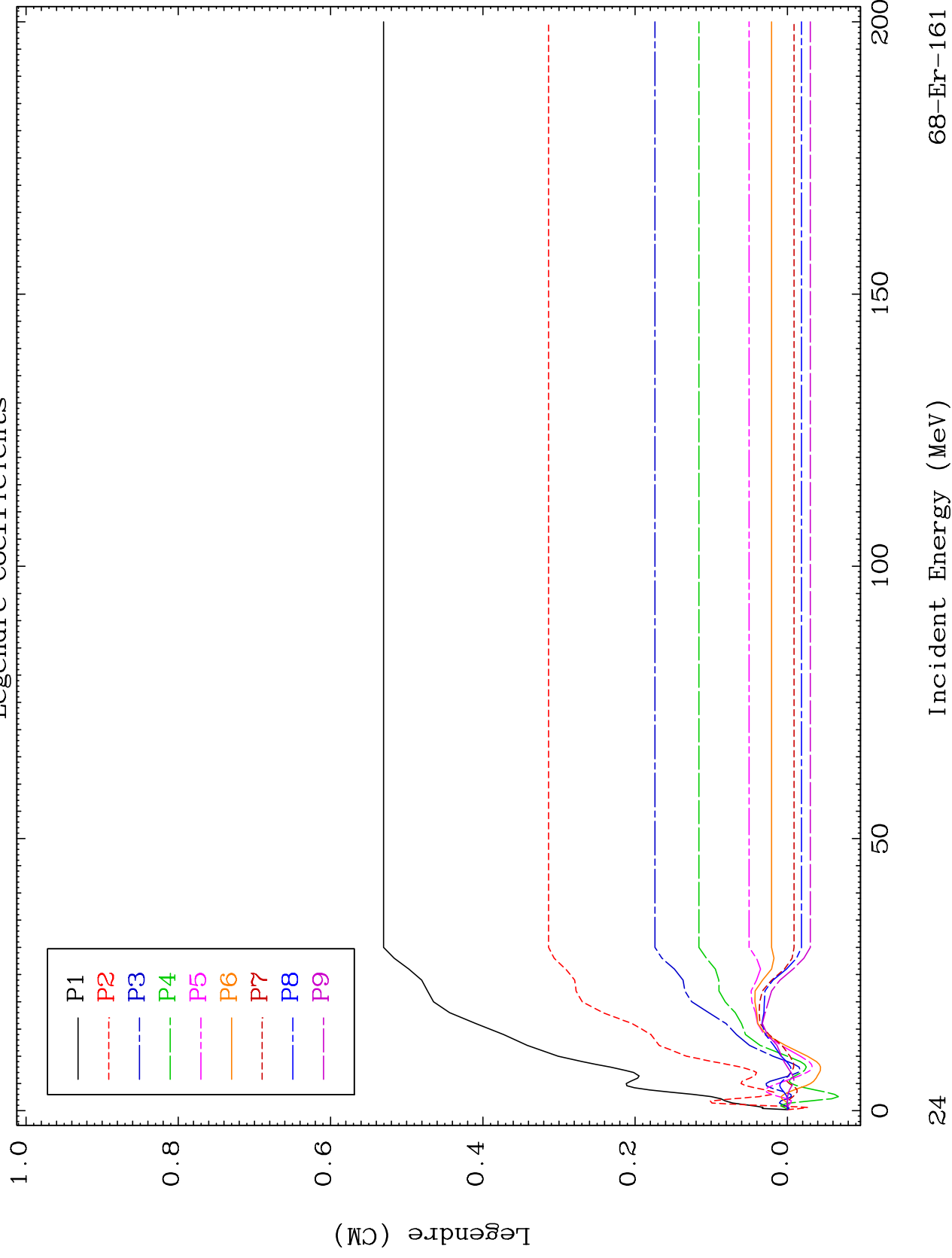




MAT 68222

143.9 keV (n,n') Level
Legendre Coefficients

68-Er-161

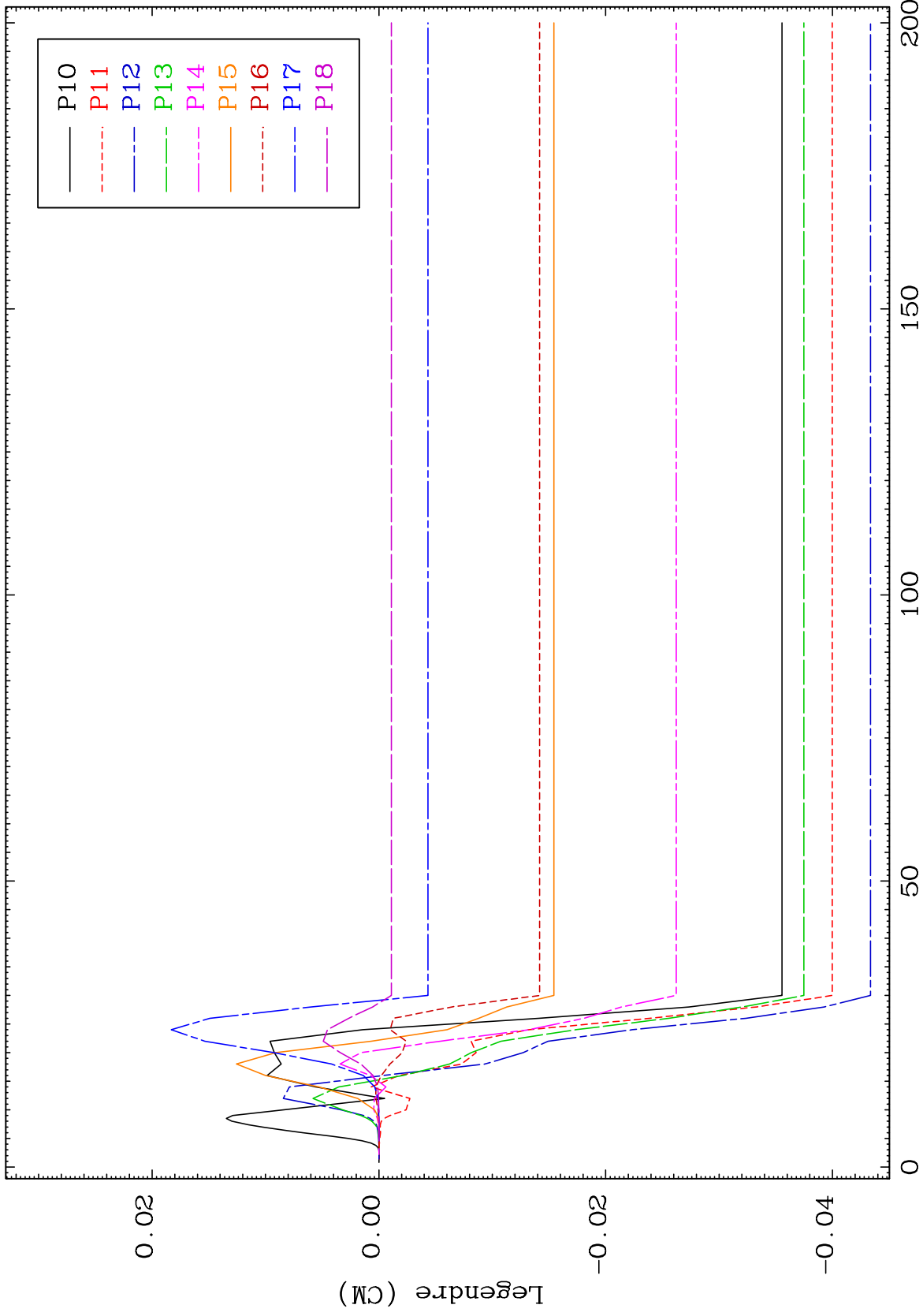


24

MAT 6822

143.9 keV (n,n') Level
Legendre Coefficients

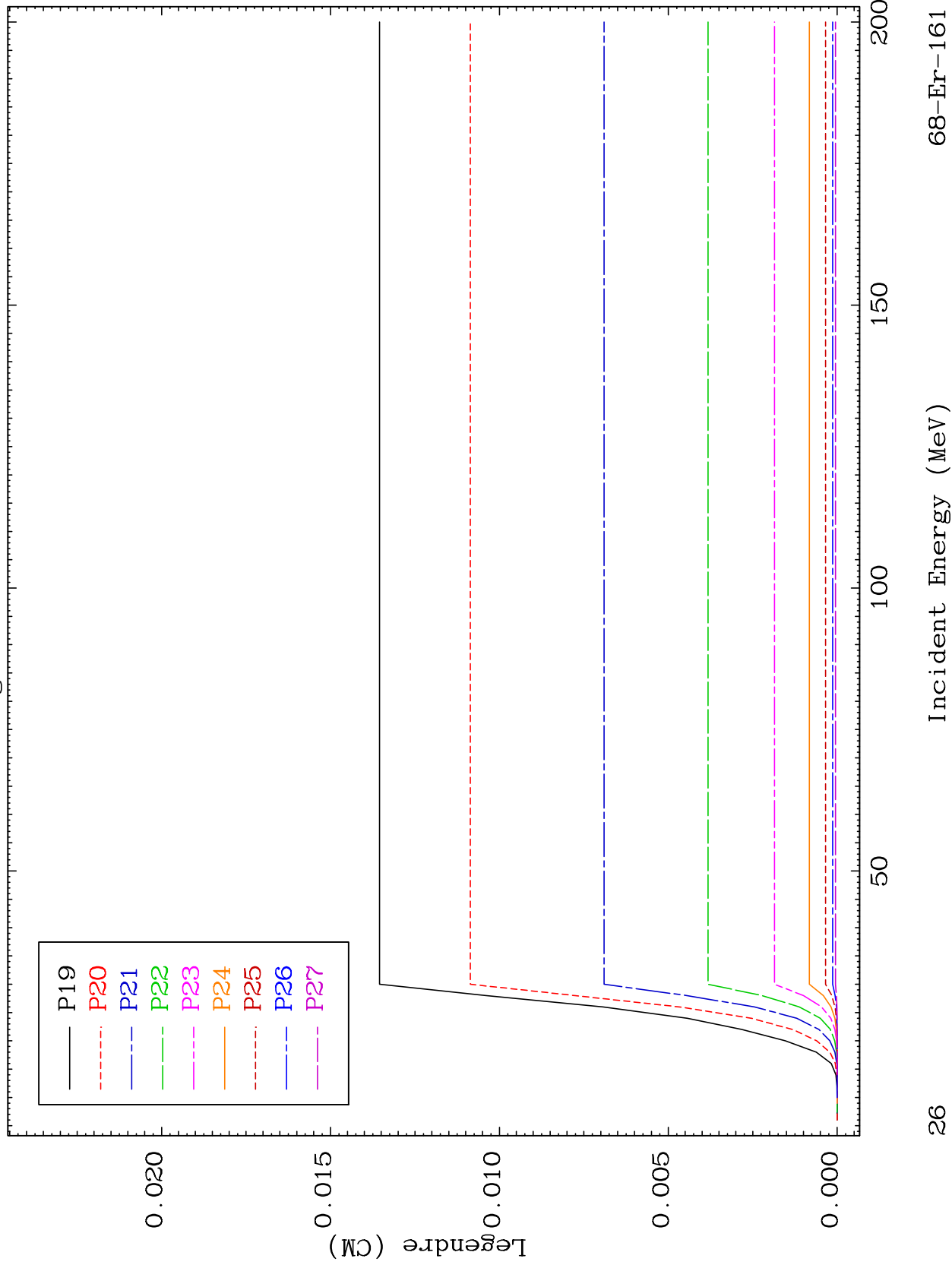
68-Er-161

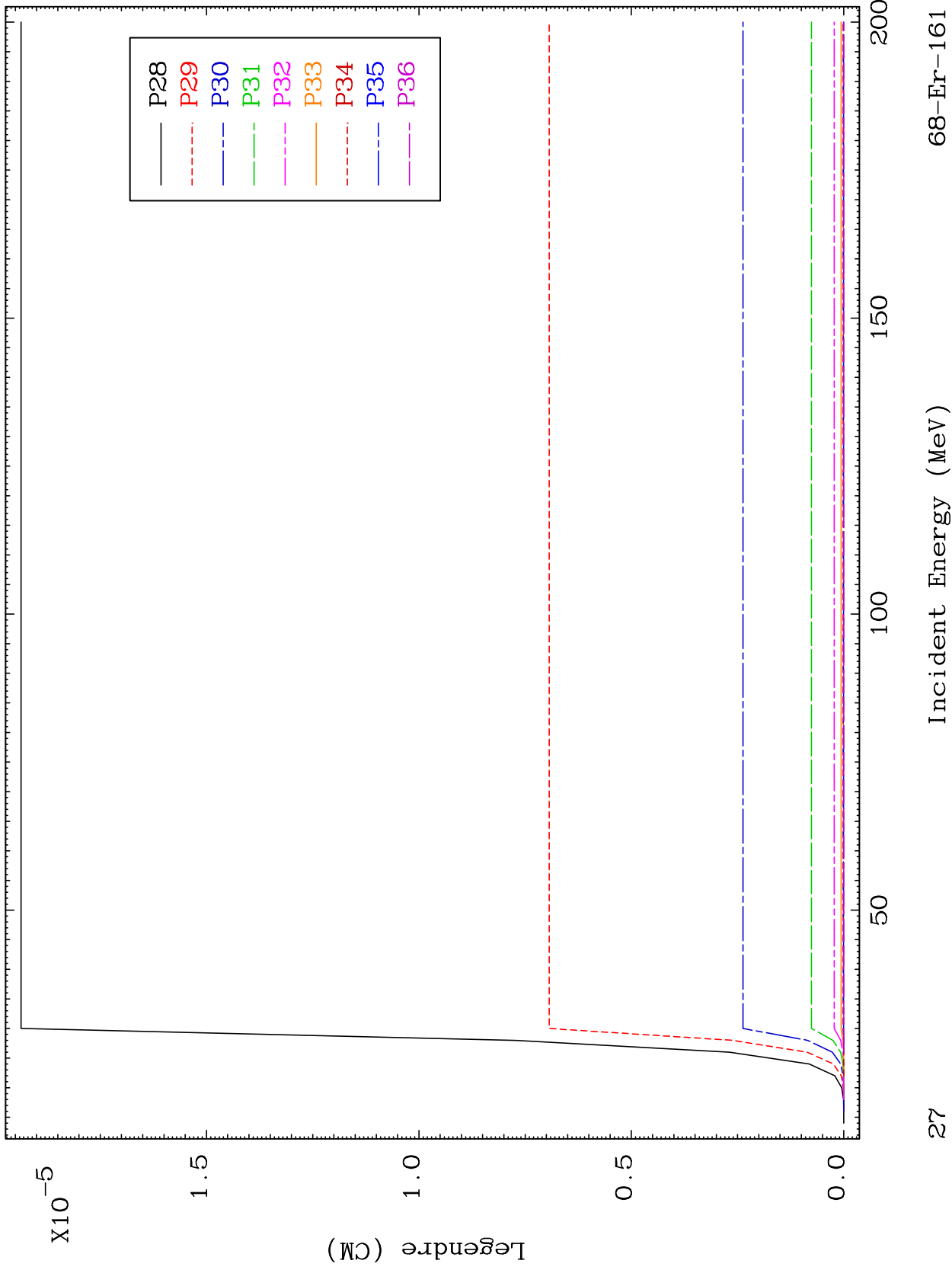


25

Incident Energy (MeV)

68-Er-161

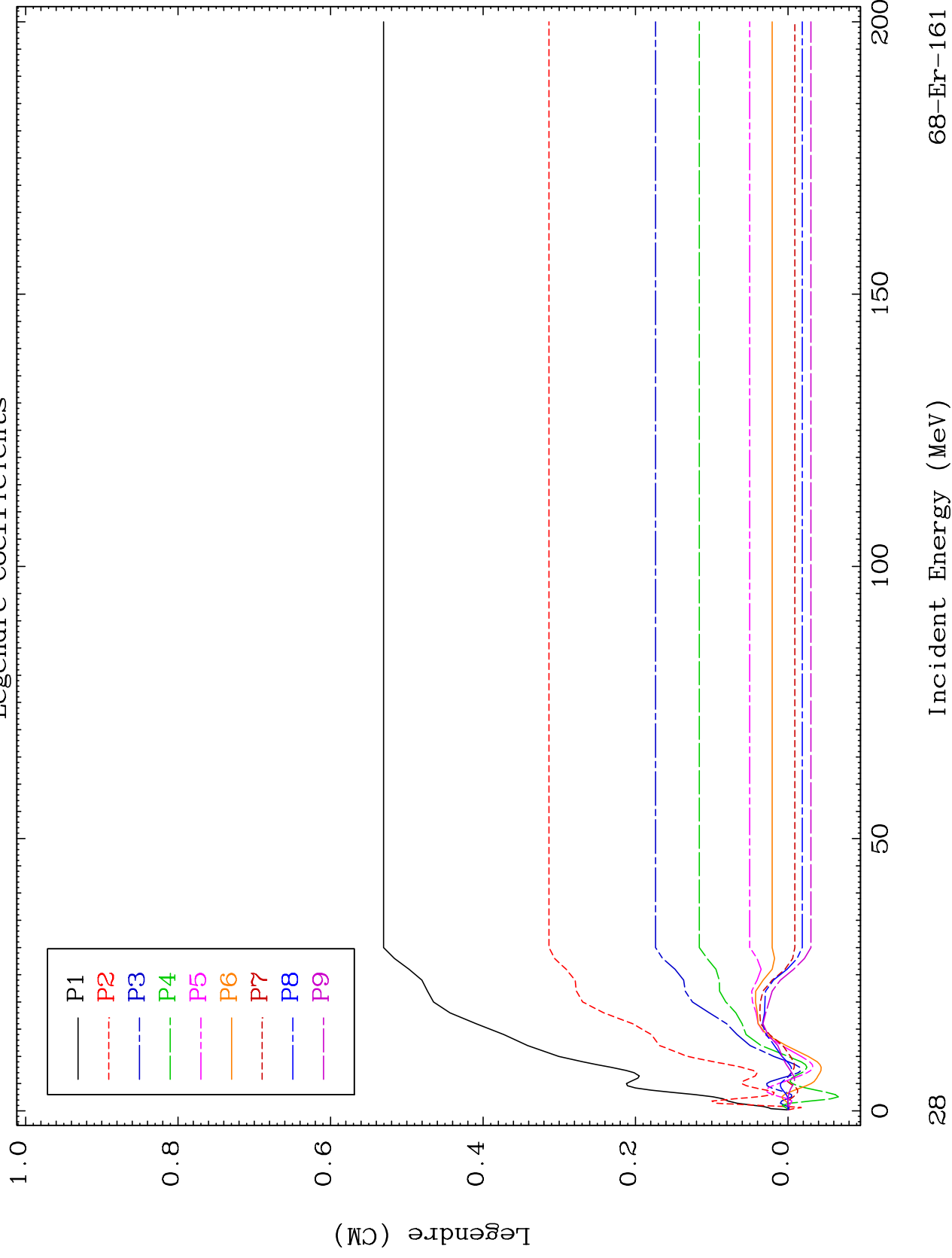


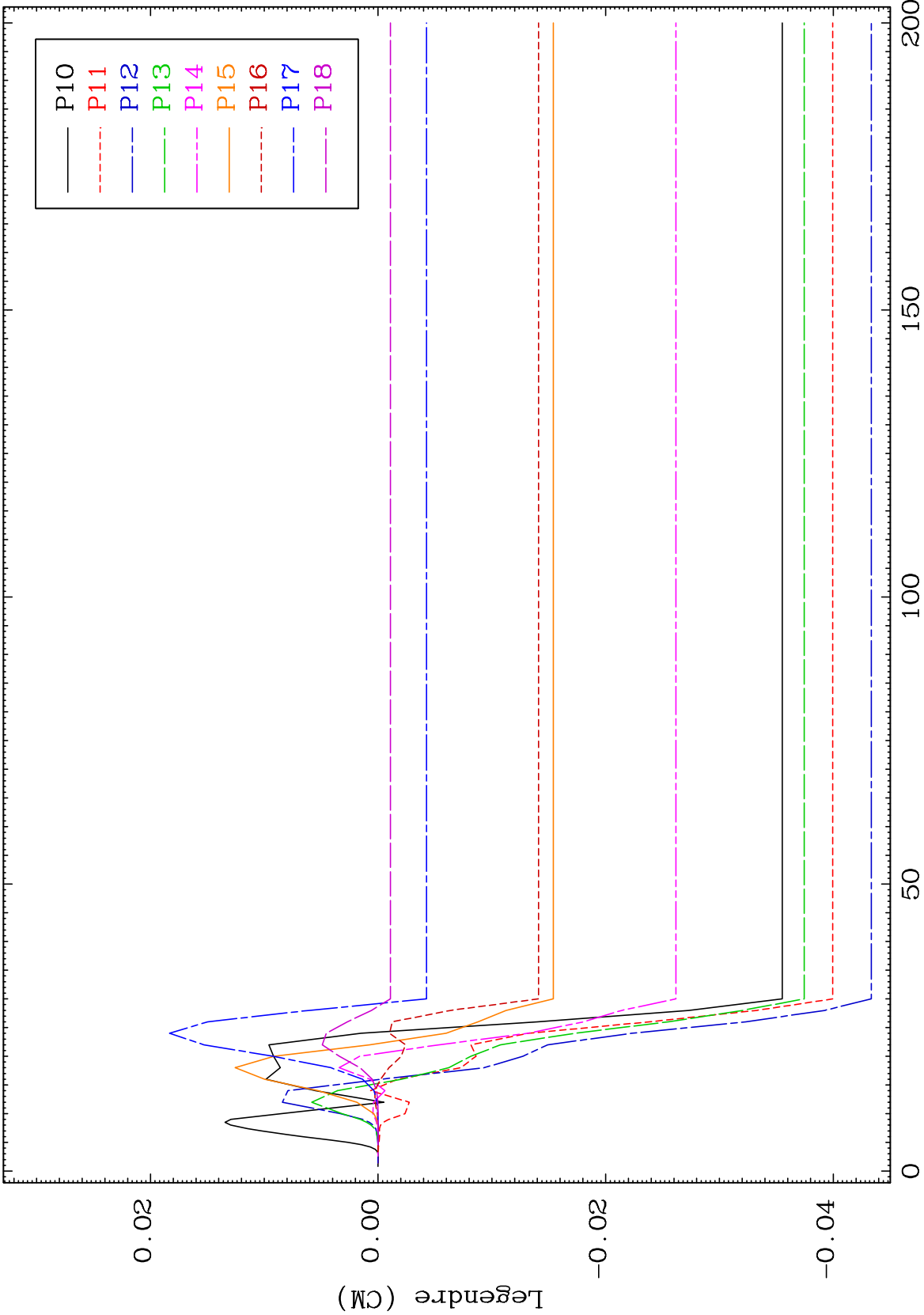


MAT 68222

172.1 keV (n,n') Level
Legendre Coefficients

68-Er-161

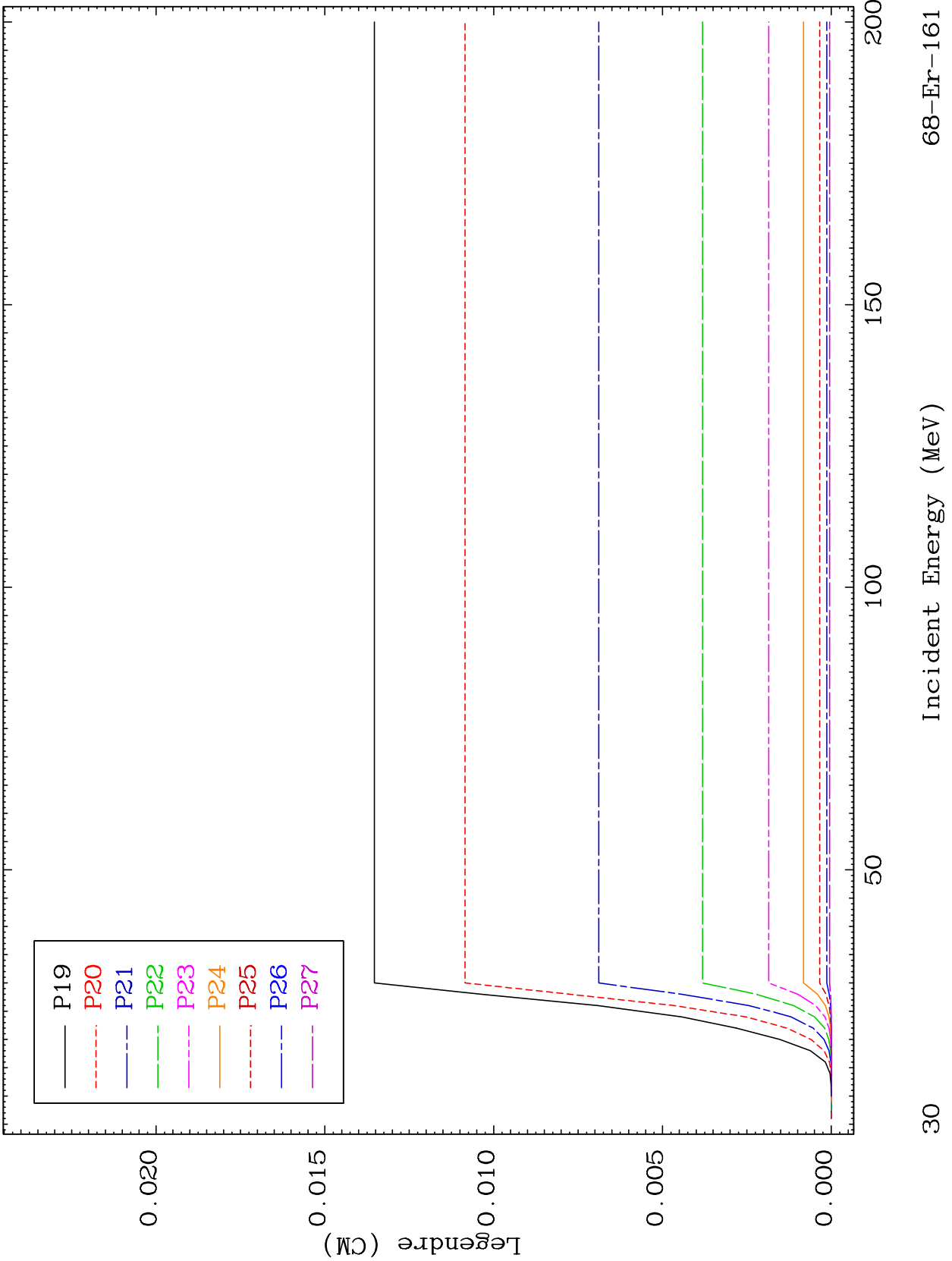




MAT 6822

172.1 keV (n, n') Level
Legendre Coefficients

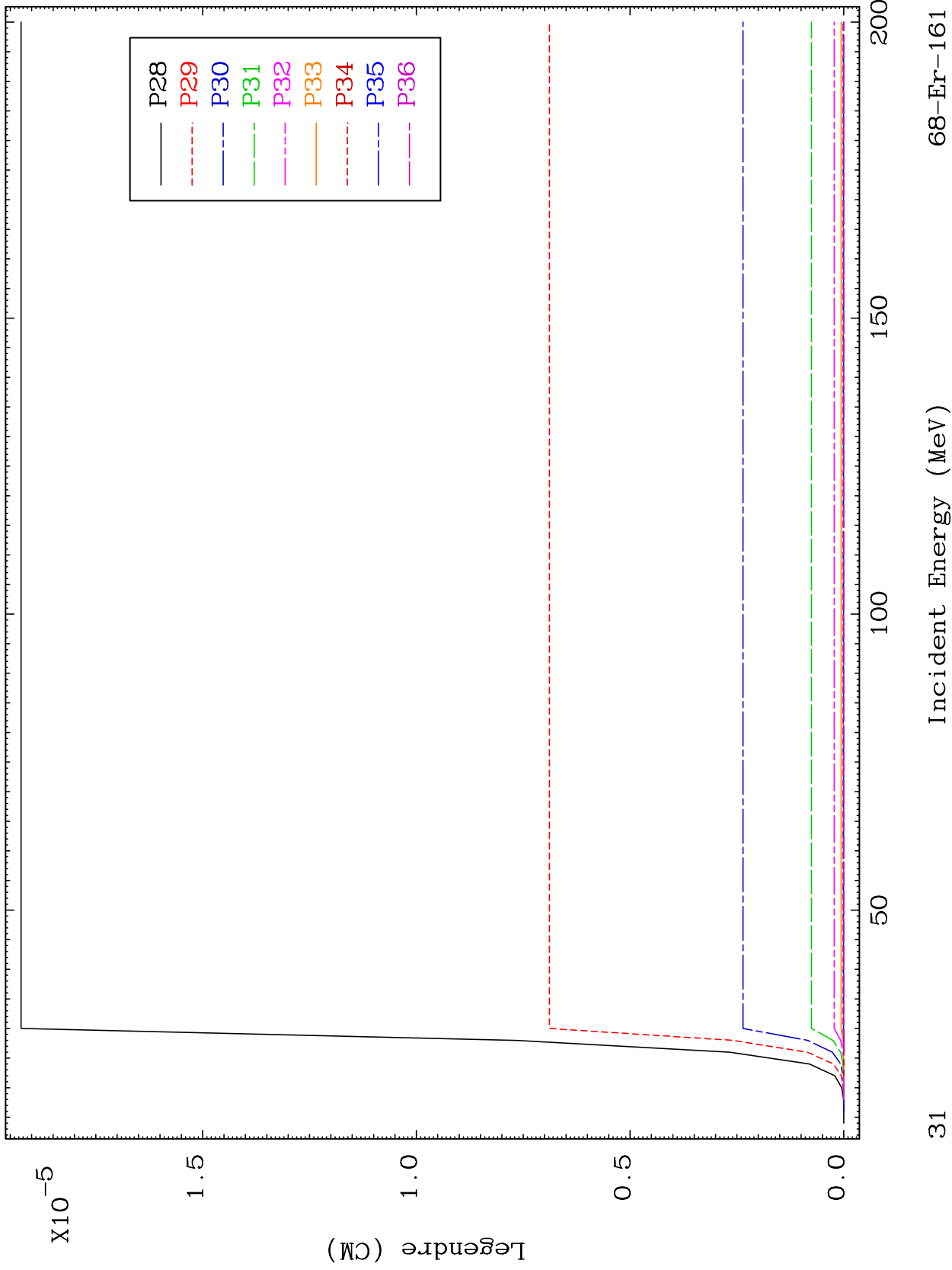
68-Er-161



30

Incident Energy (MeV)

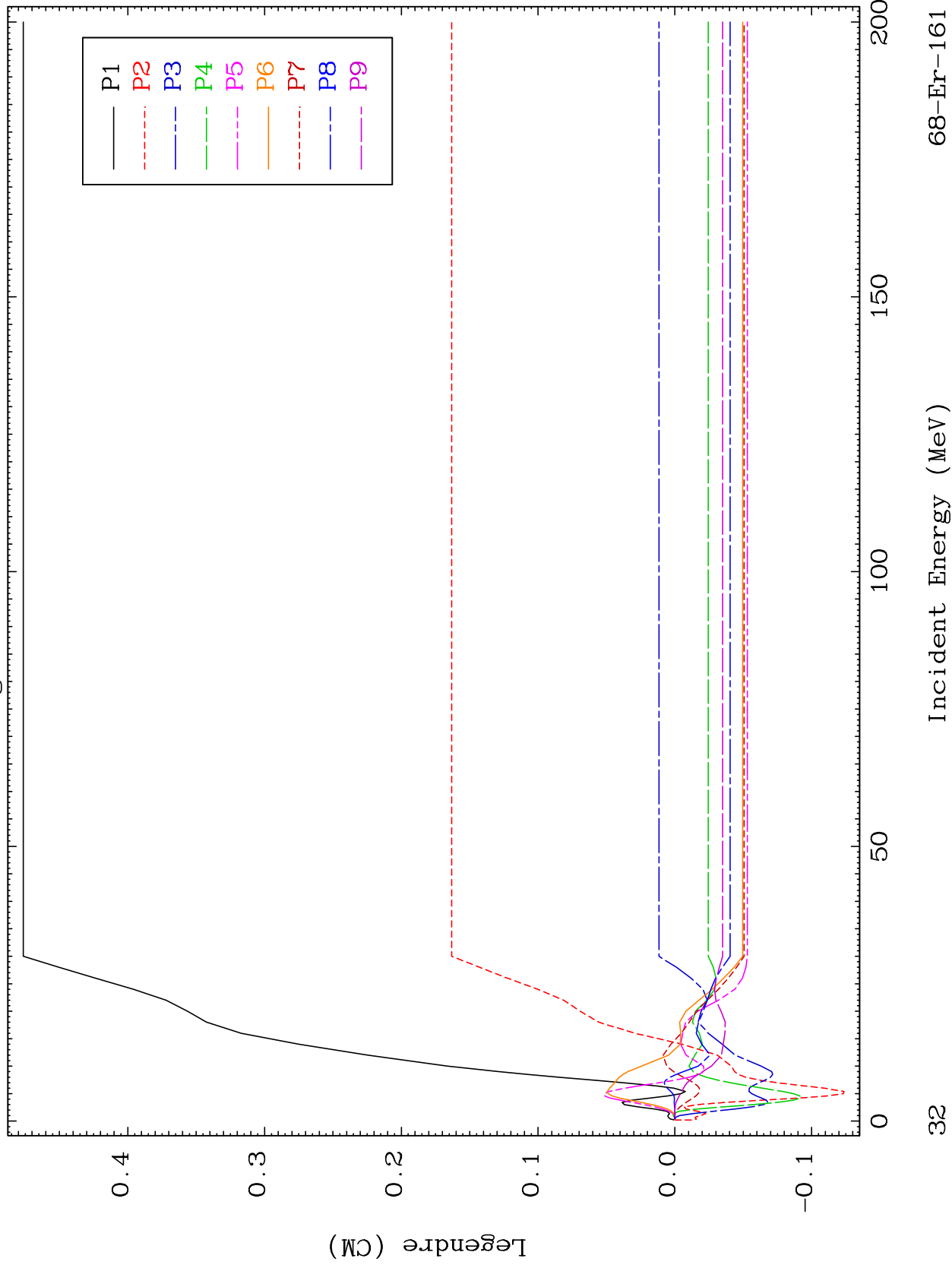
68-Er-161



MAT 6822

189.4 keV (n,n') Level
Legendre Coefficients

68-Er-161



68-Er-161

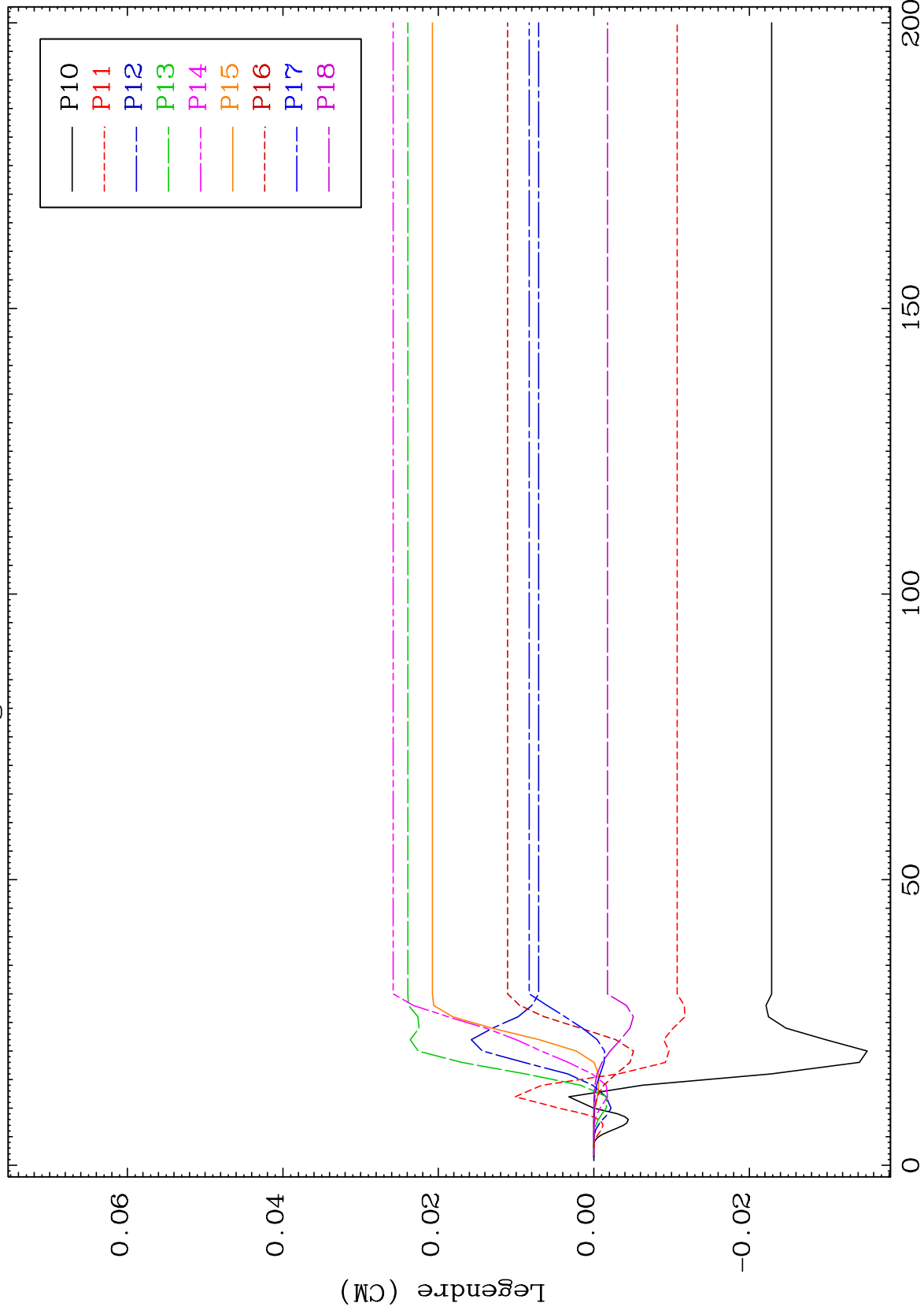
Incident Energy (MeV)

32

MAT 6822

189.4 keV (n,n') Level
Legendre Coefficients

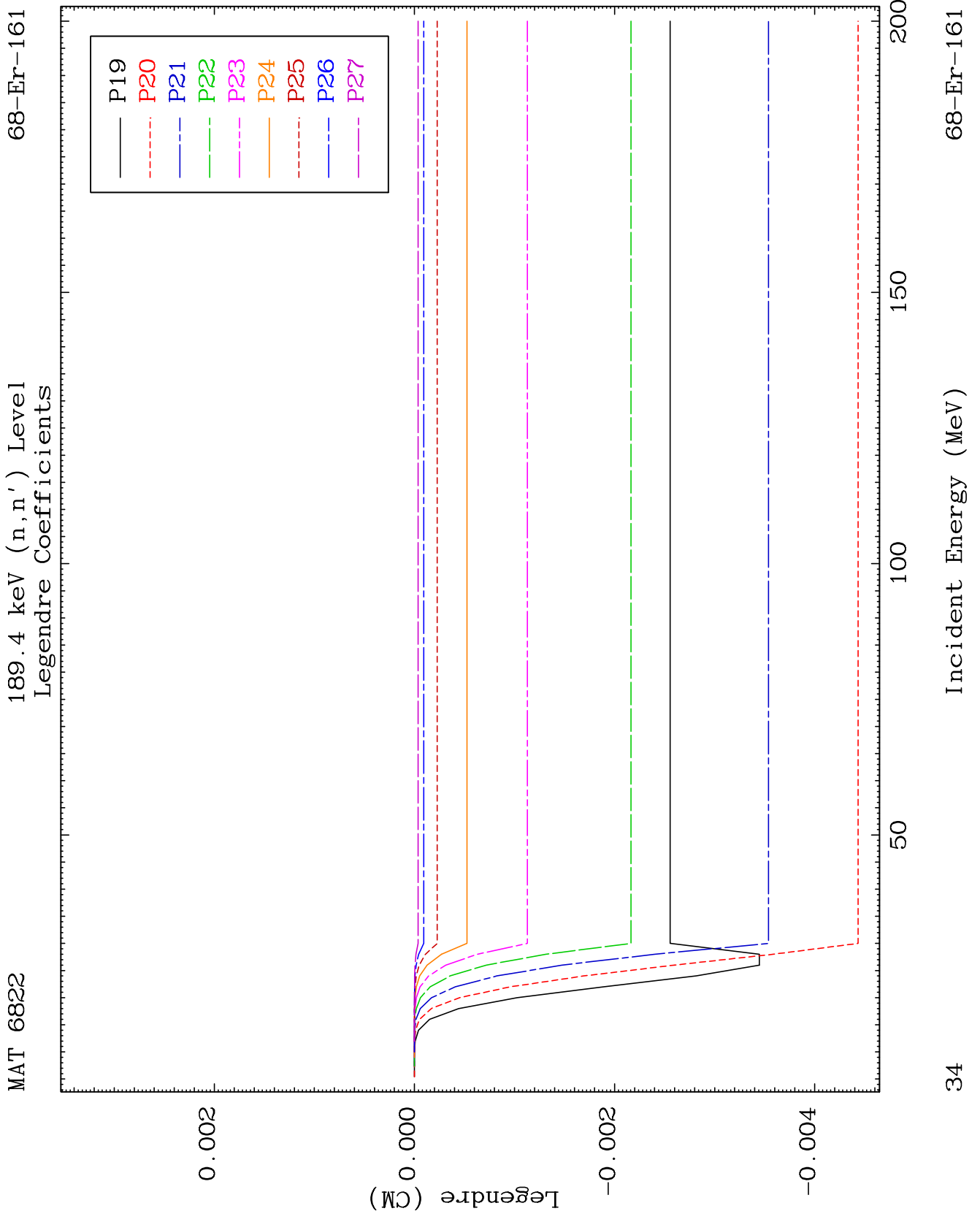
68-Er-161

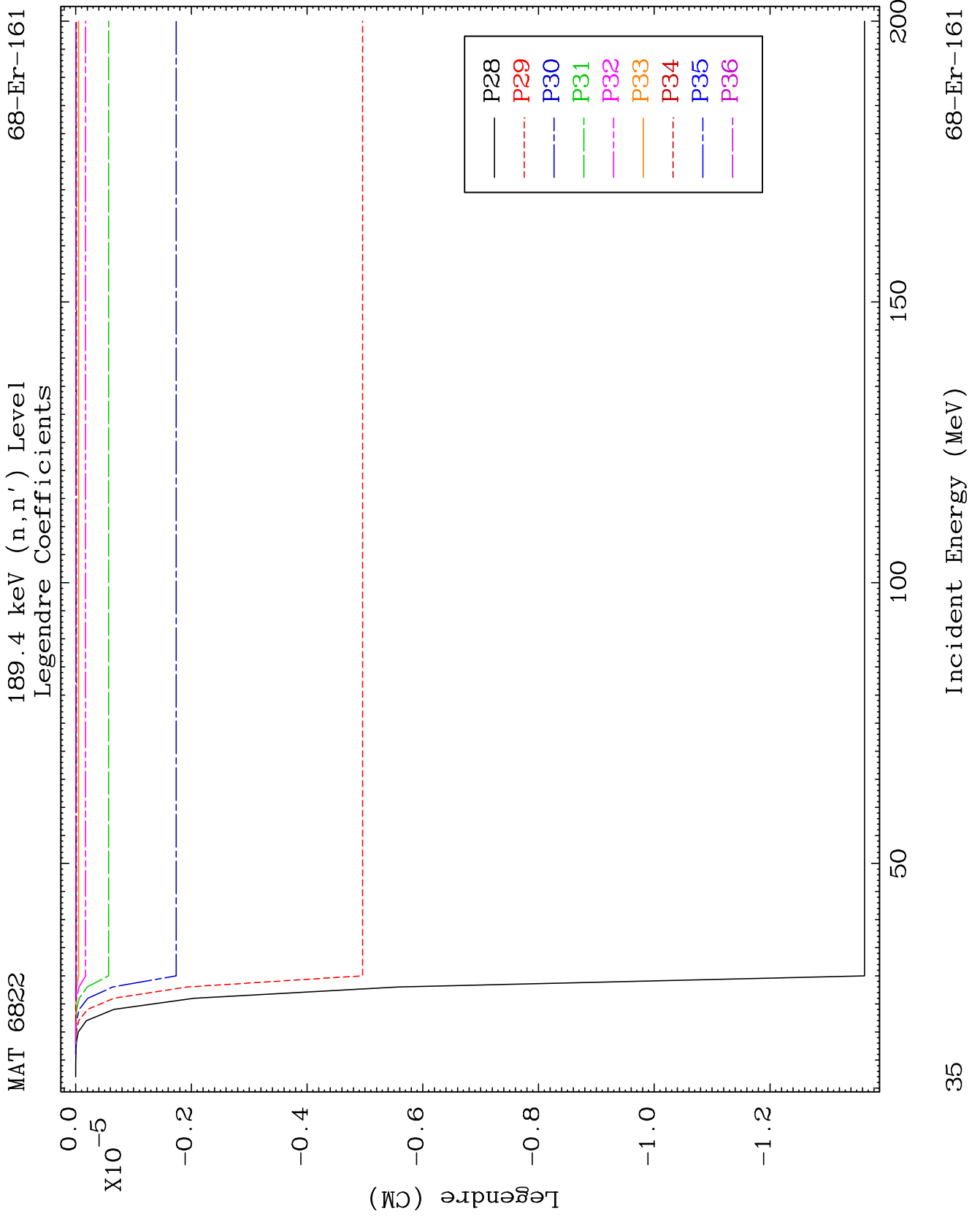


33

Incident Energy (MeV)

68-Er-161

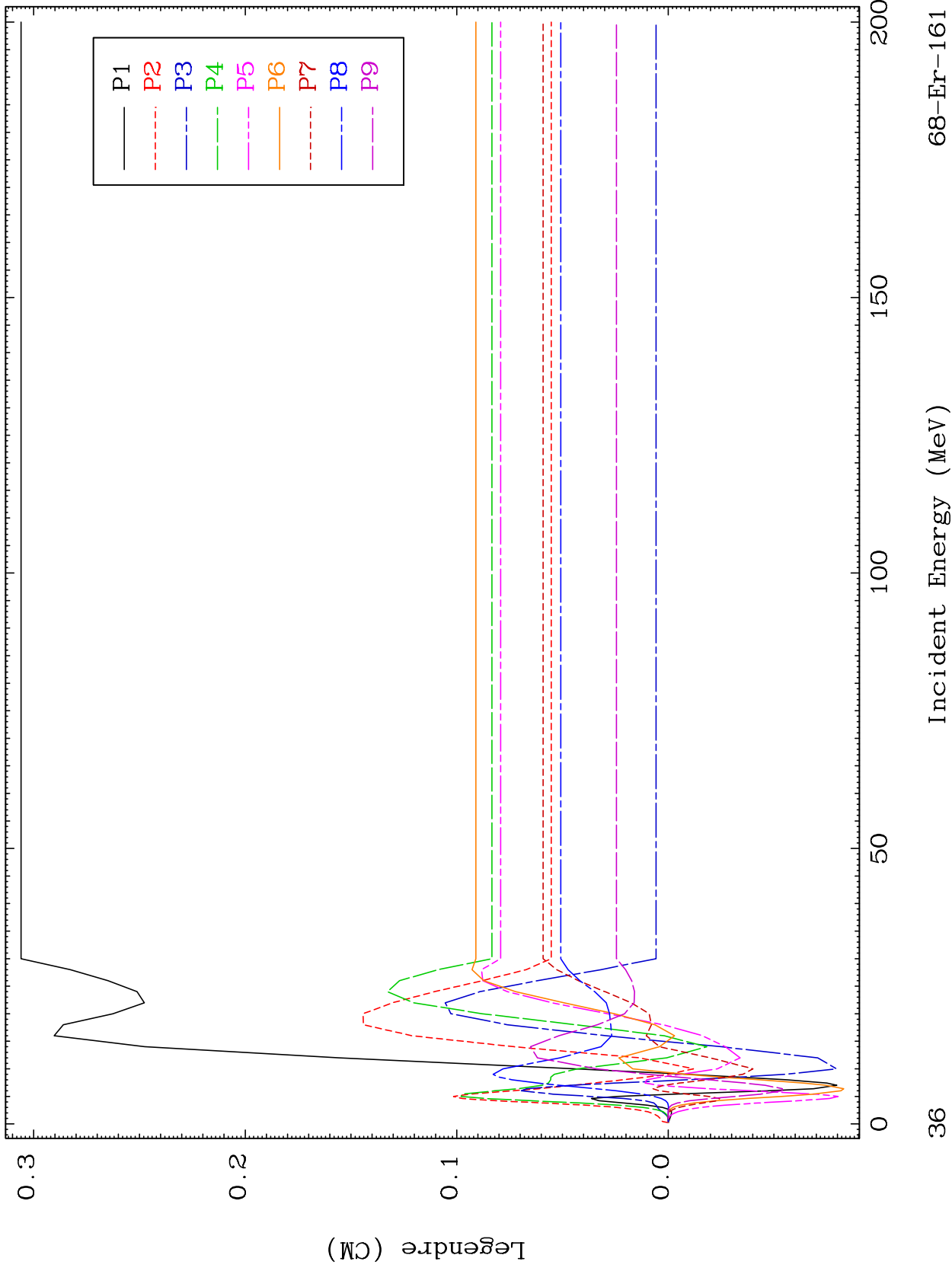




MAT 6822

212.9 keV (n,n') Level
Legendre Coefficients

68-Er-161



36

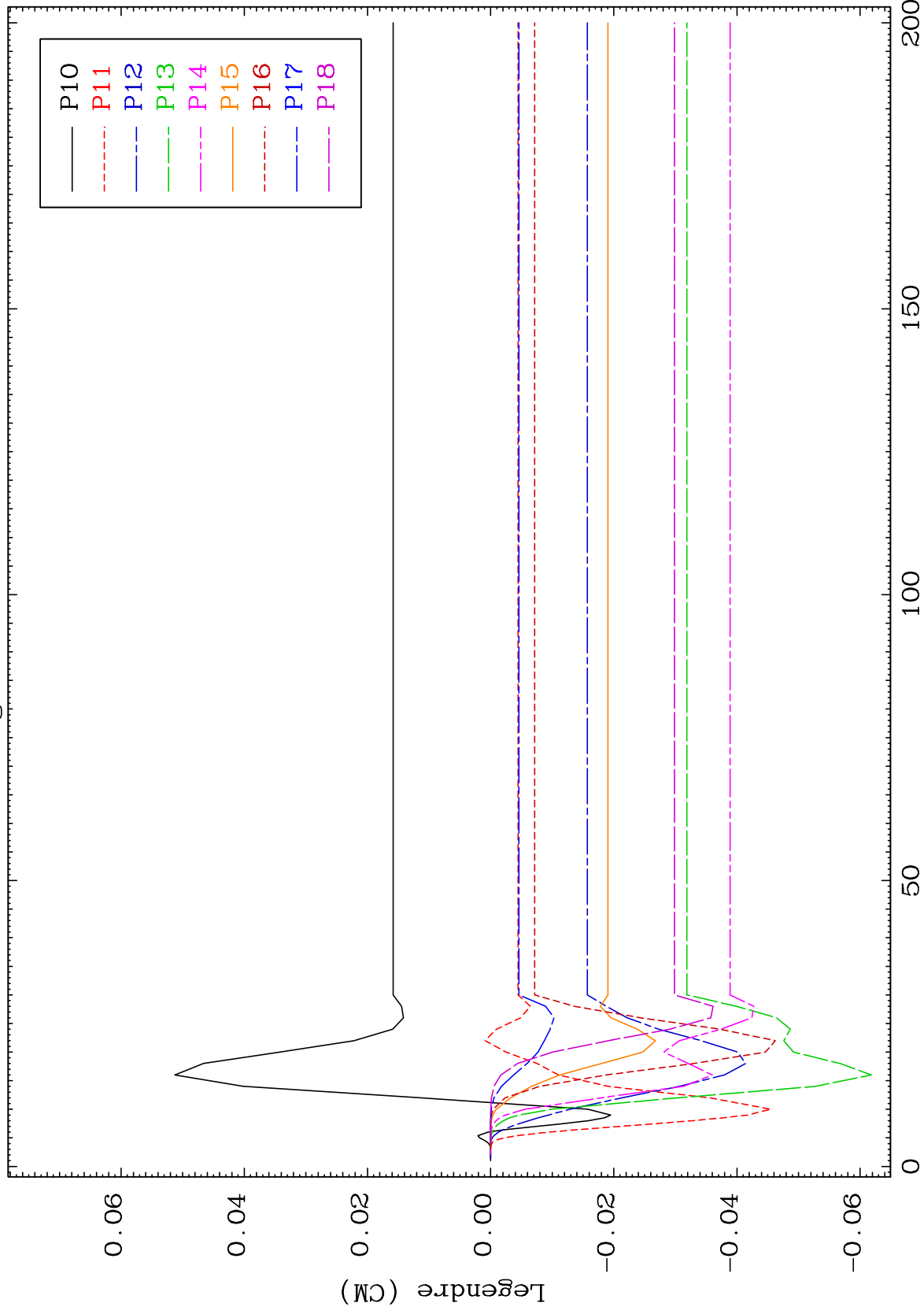
Incident Energy (MeV)

68-Er-161

MAT 6822

212.9 keV (n,n') Level
Legendre Coefficients

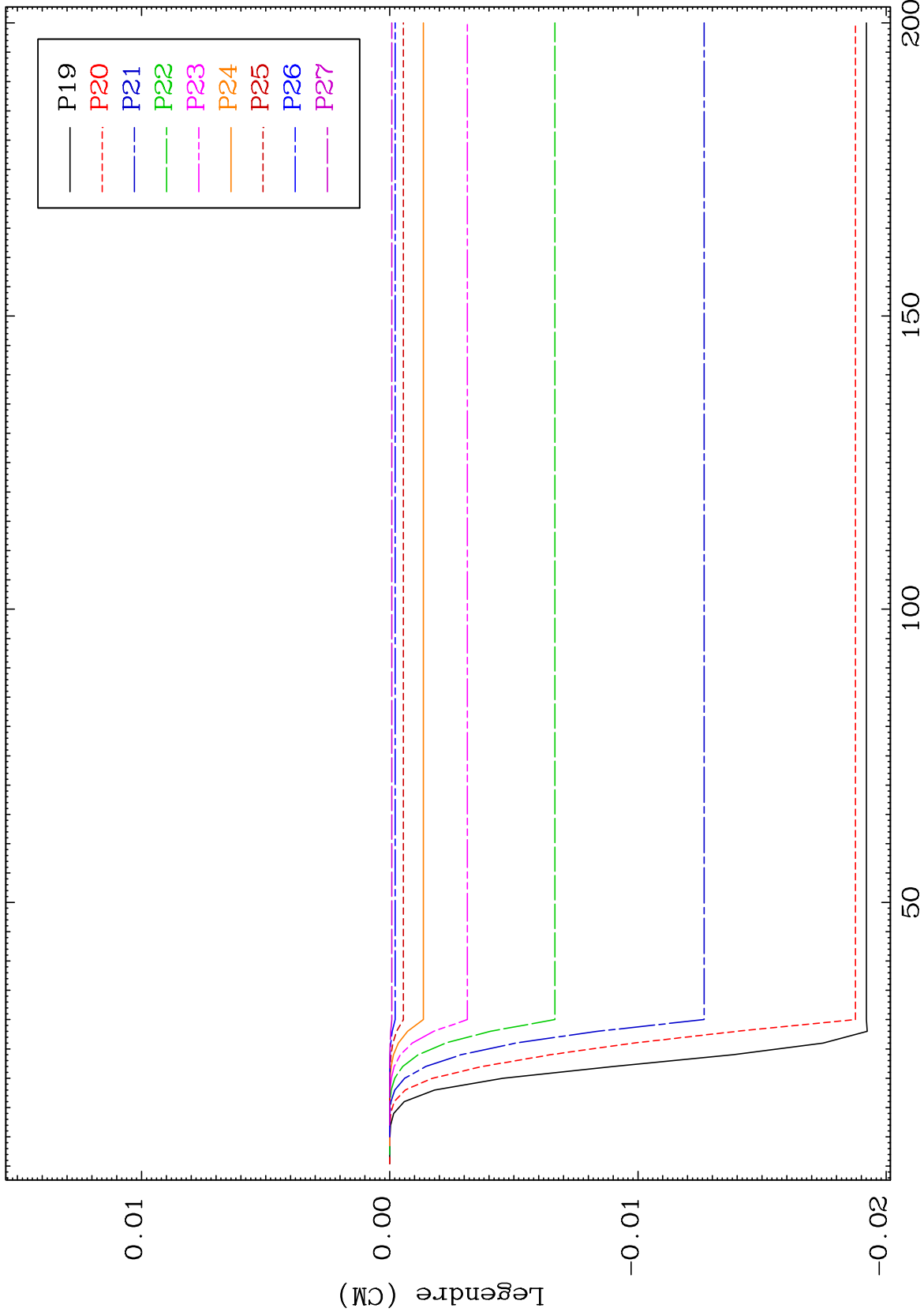
68-Er-161

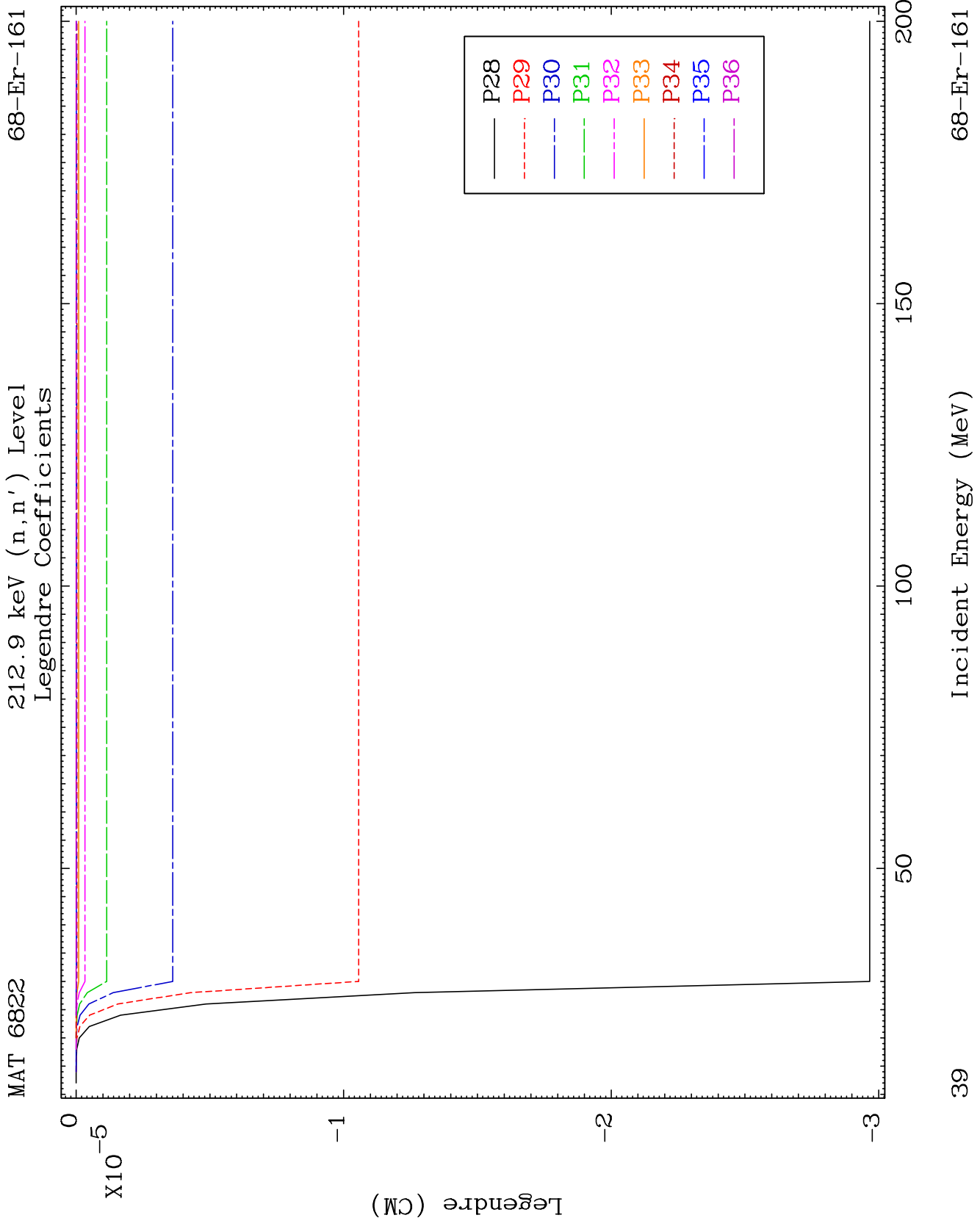


37

Incident Energy (MeV)

68-Er-161

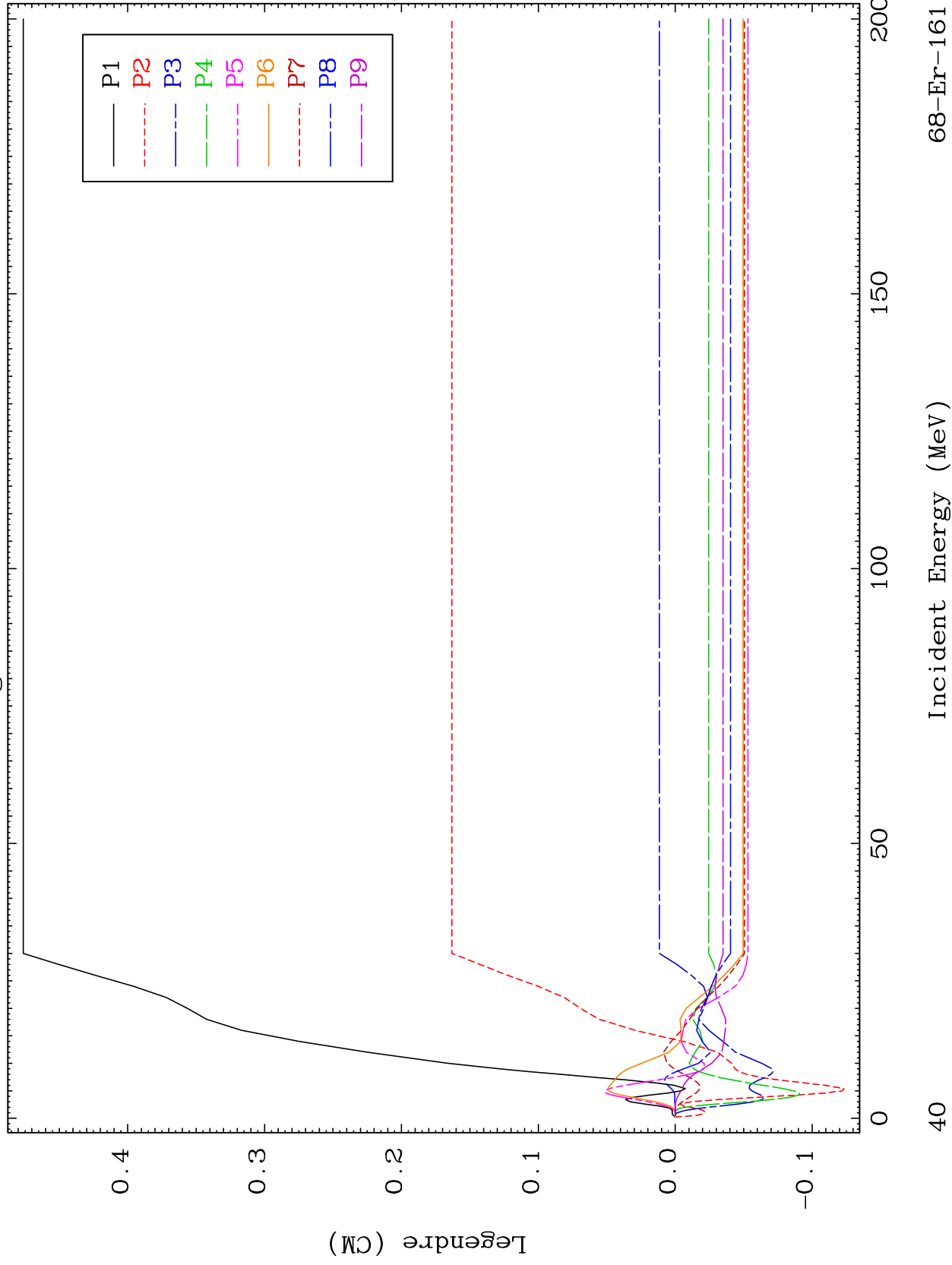




MAT 6822

217.3 keV (n,n') Level
Legendre Coefficients

68-Er-161

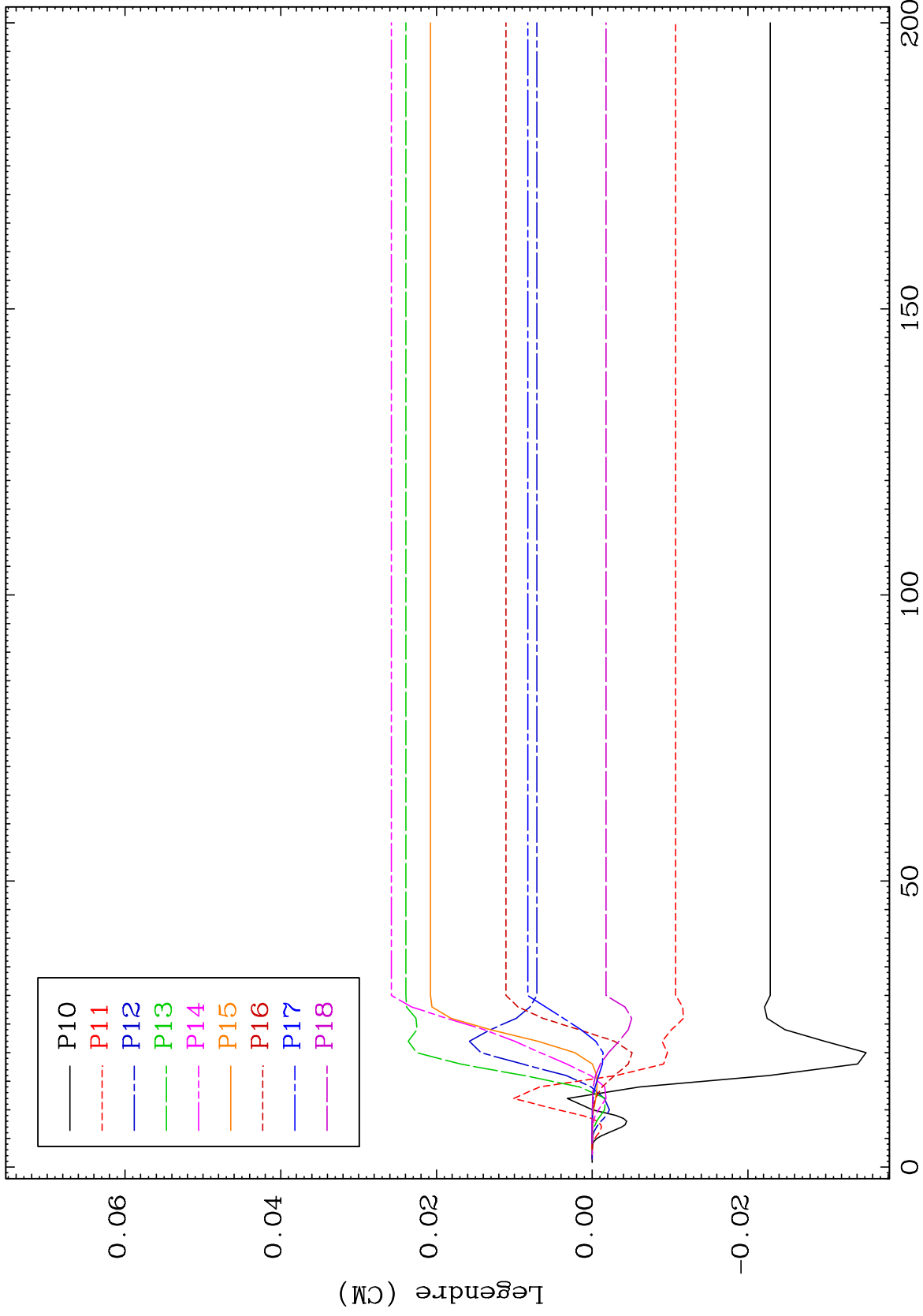


68-Er-161

MAT 68222

217.3 keV (n,n') Level
Legendre Coefficients

68-Er-161



41

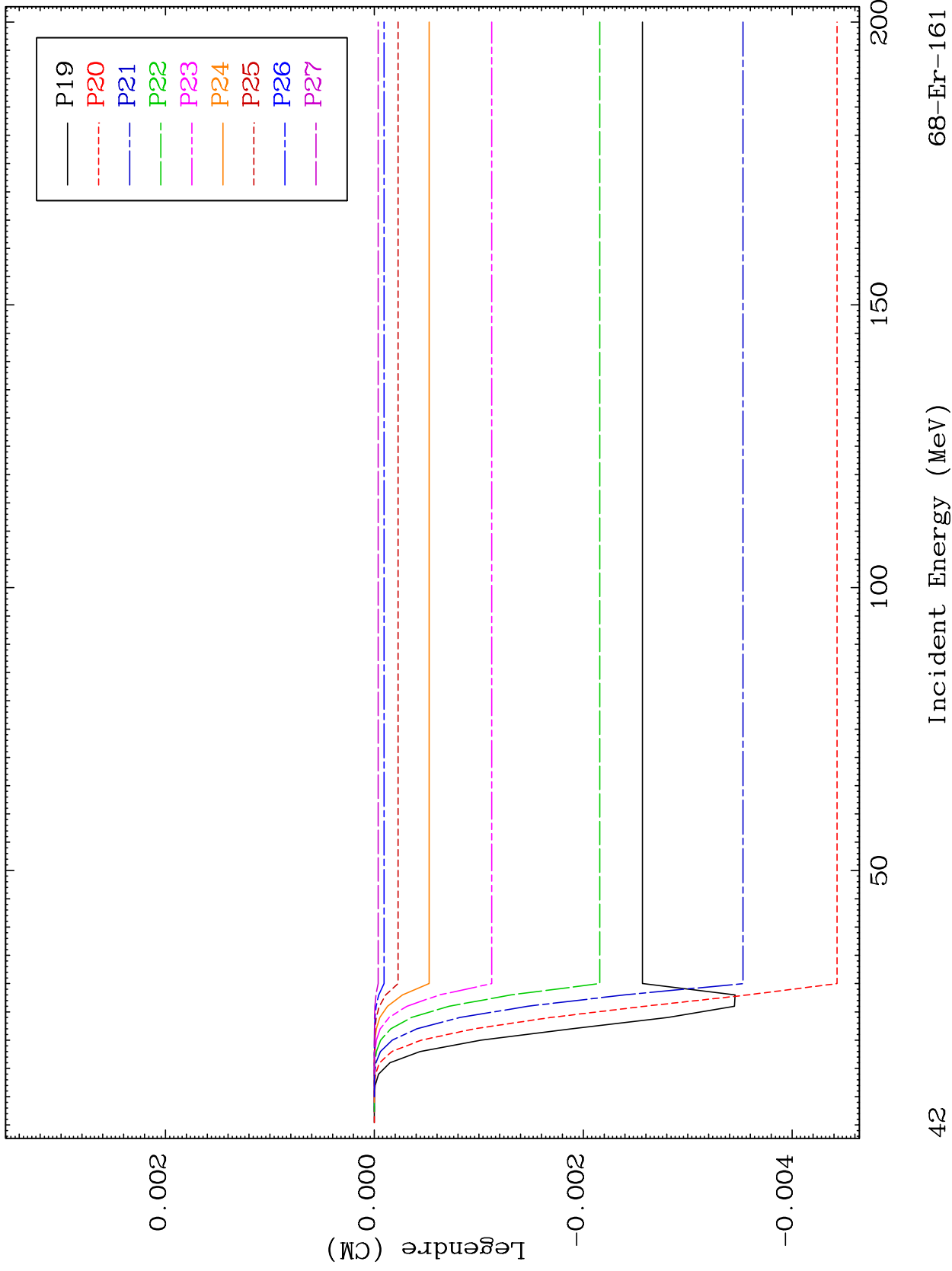
Incident Energy (MeV)

68-Er-161

MAT 6822

217.3 keV (n,n') Level
Legendre Coefficients

68-Er-161

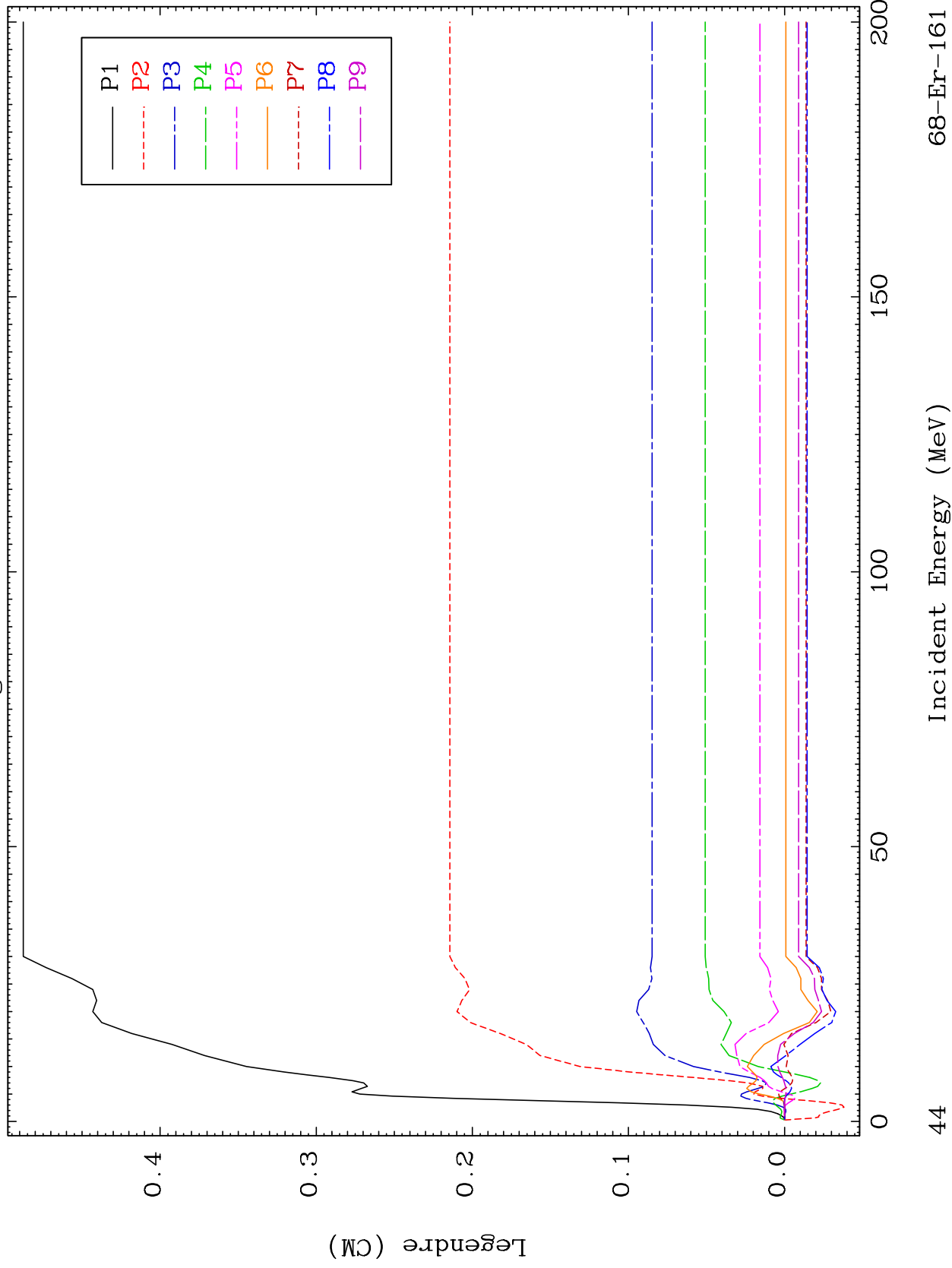


42

MAT 6822

249.8 keV (n,n') Level
Legendre Coefficients

68-Er-161



68-Er-161

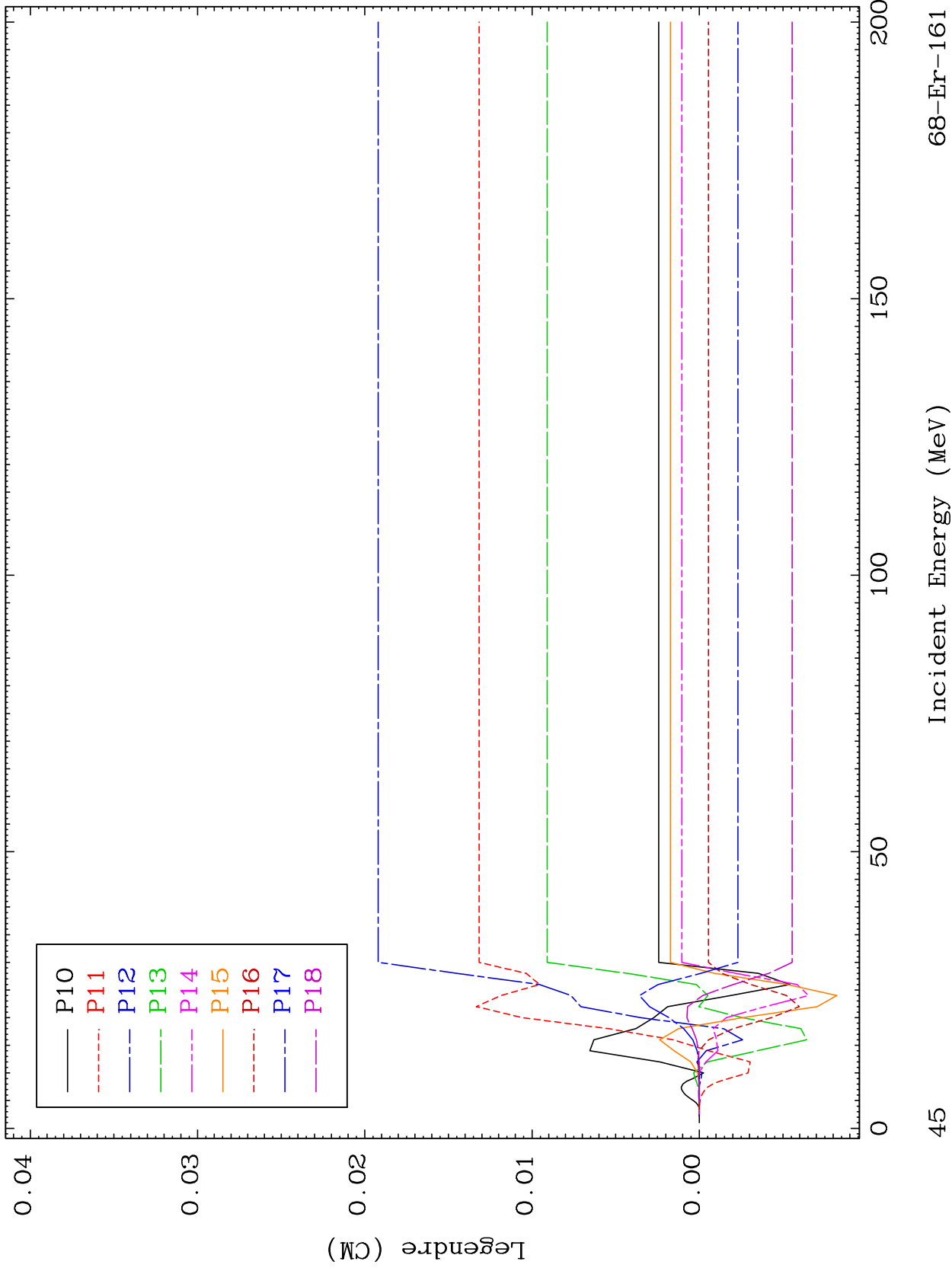
Incident Energy (MeV)

44

MAT 68222

249.8 keV (n,n') Level
Legendre Coefficients

68-Er-161



45

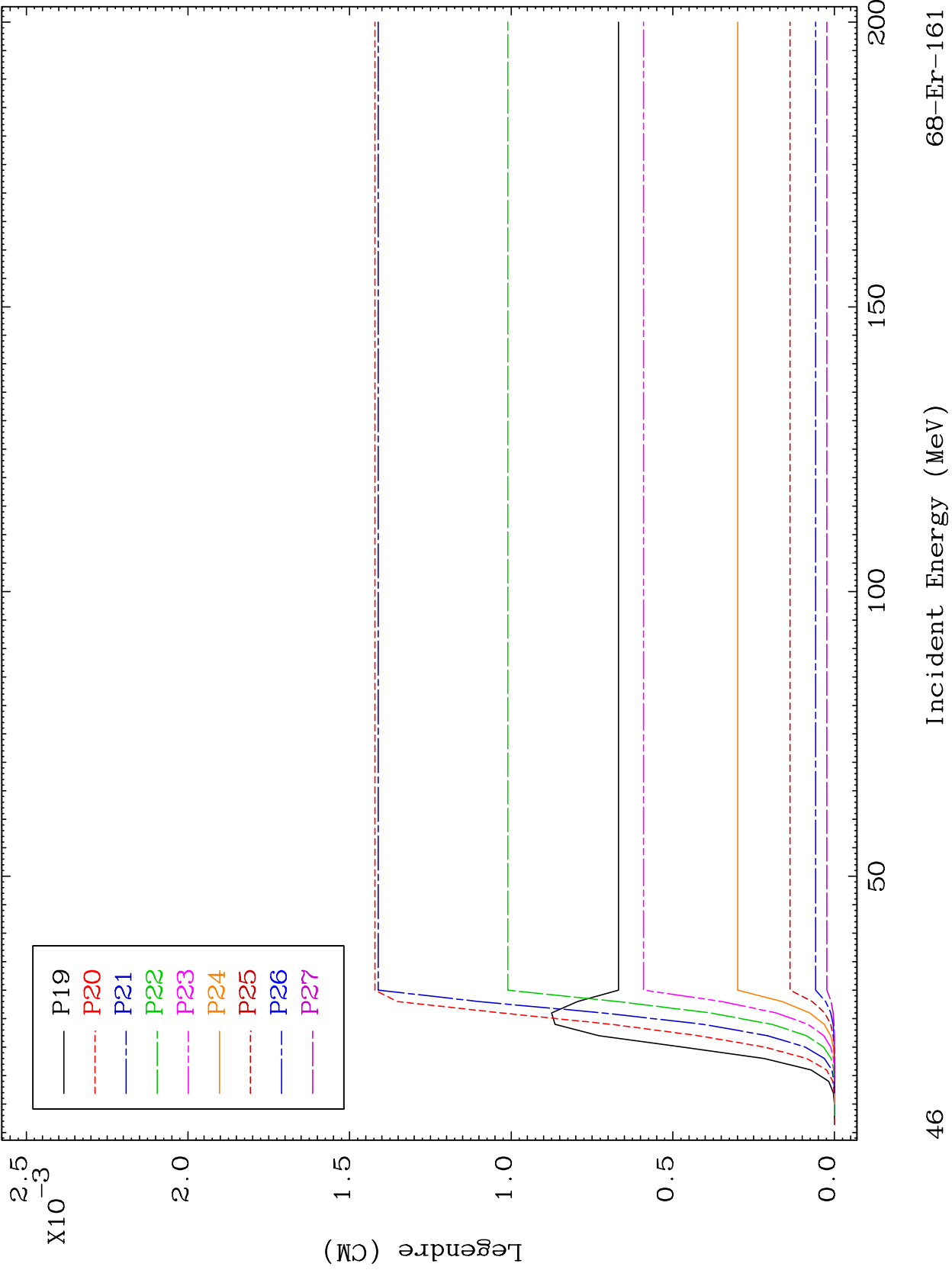
Incident Energy (MeV)

68-Er-161

MAT 68222

249.8 keV (n,n') Level
Legendre Coefficients

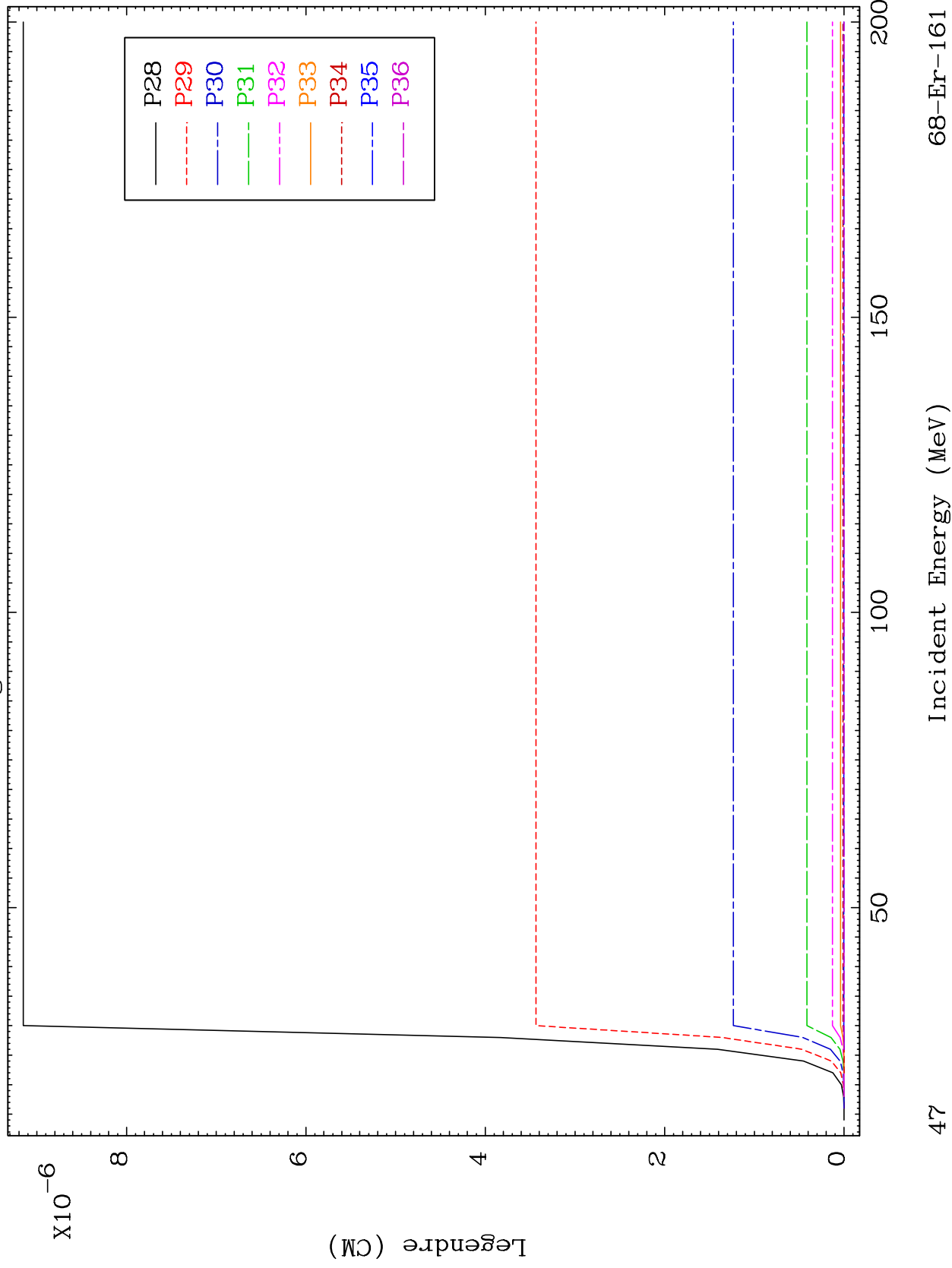
68-Er-161



MAT 6822

249.8 keV (n,n') Level
Legendre Coefficients

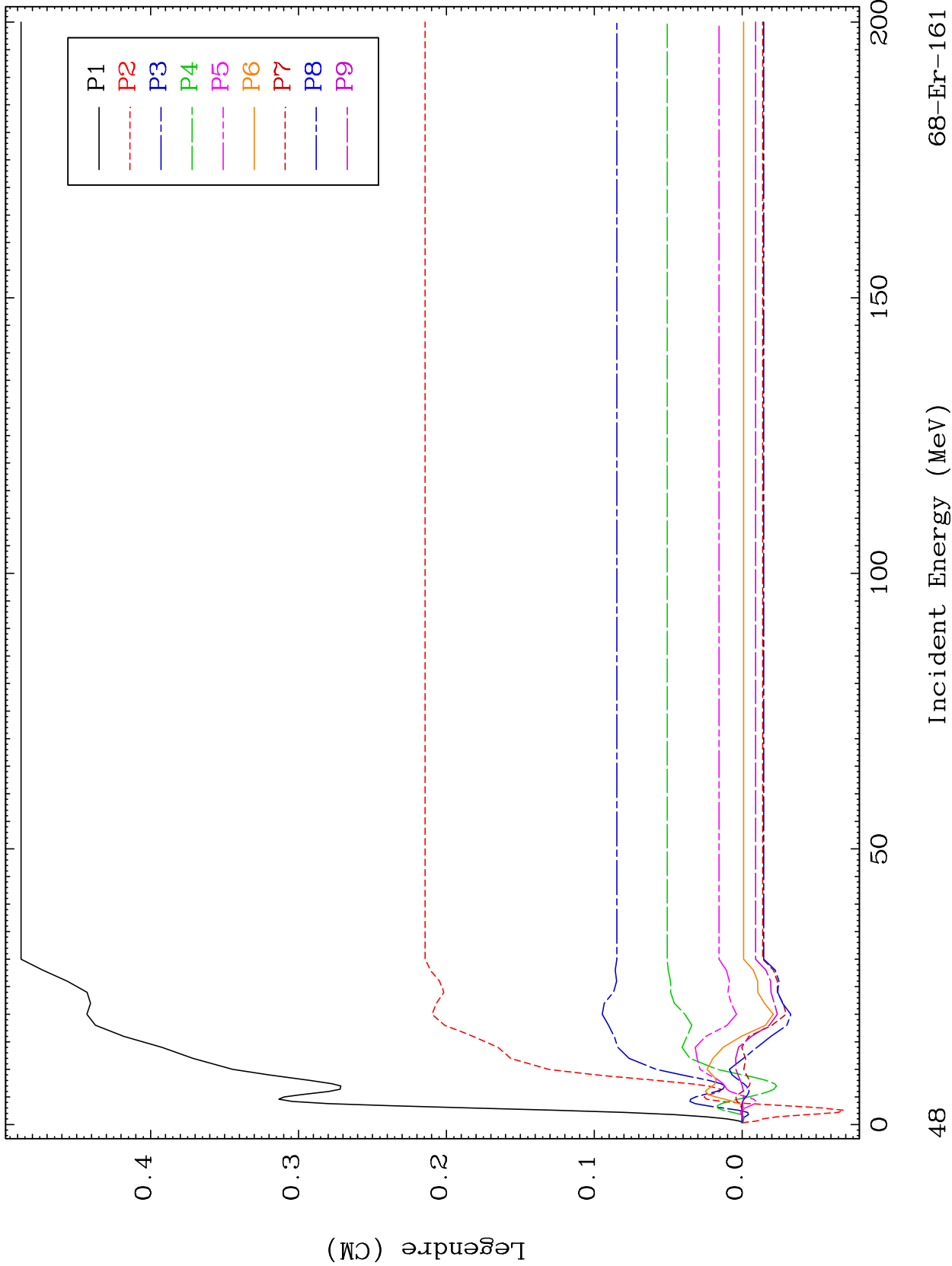
68-Er-161



MAT 6822

266.4 keV (n,n') Level
Legendre Coefficients

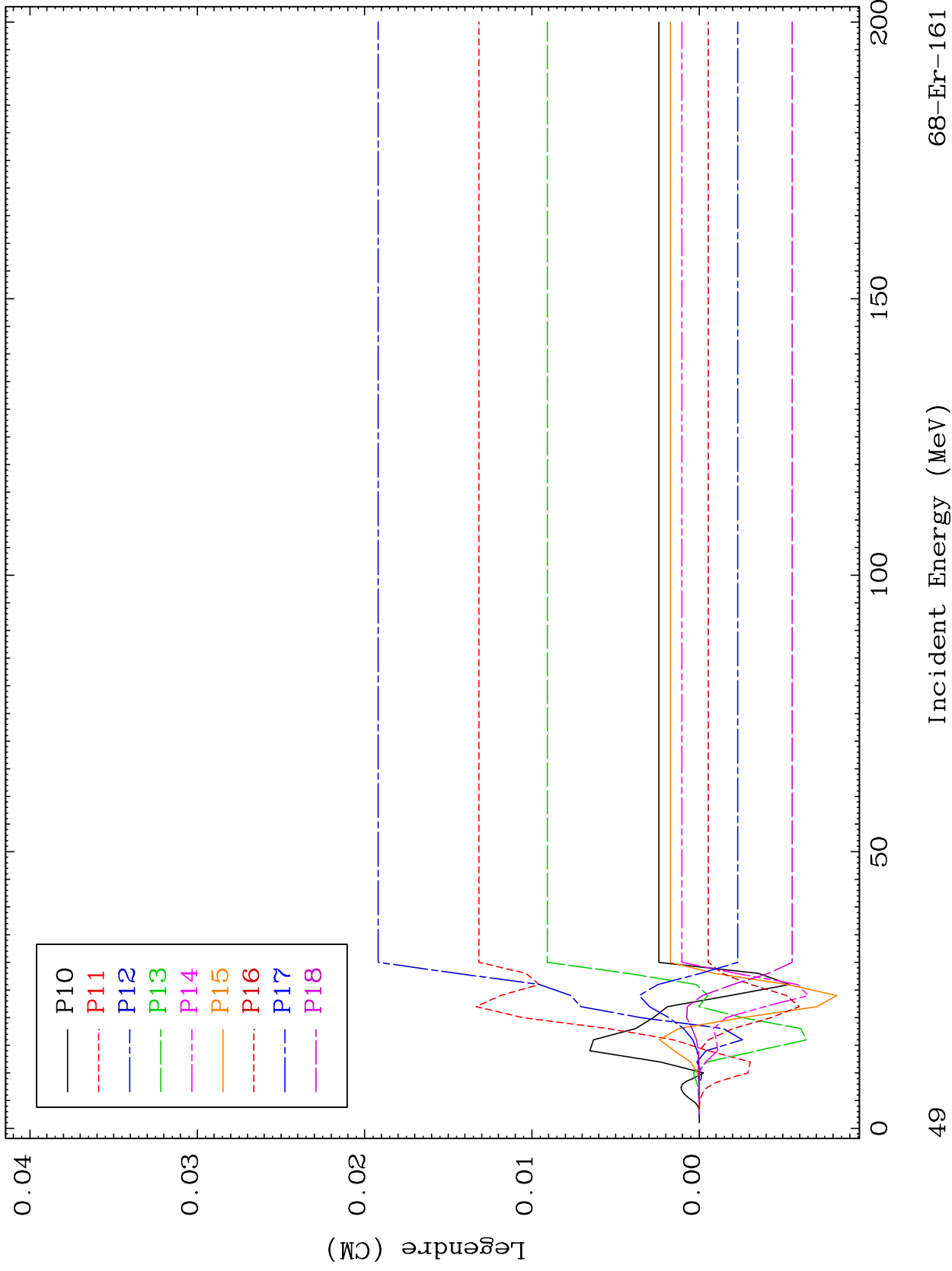
68-Er-161



68-Er-161

Incident Energy (MeV)

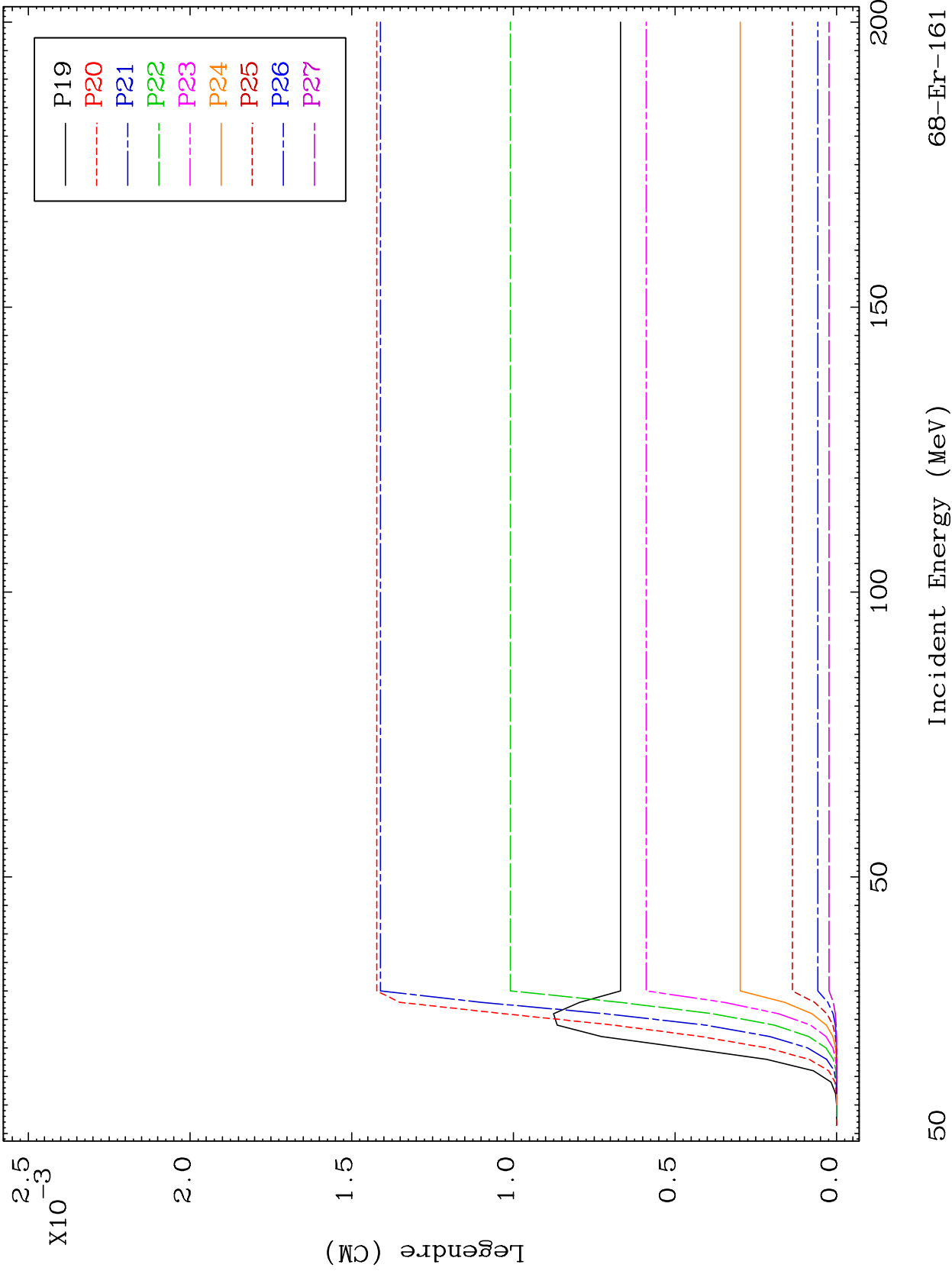
48



MAT 68222

266.4 keV (n,n') Level
Legendre Coefficients

68-Er-161



50

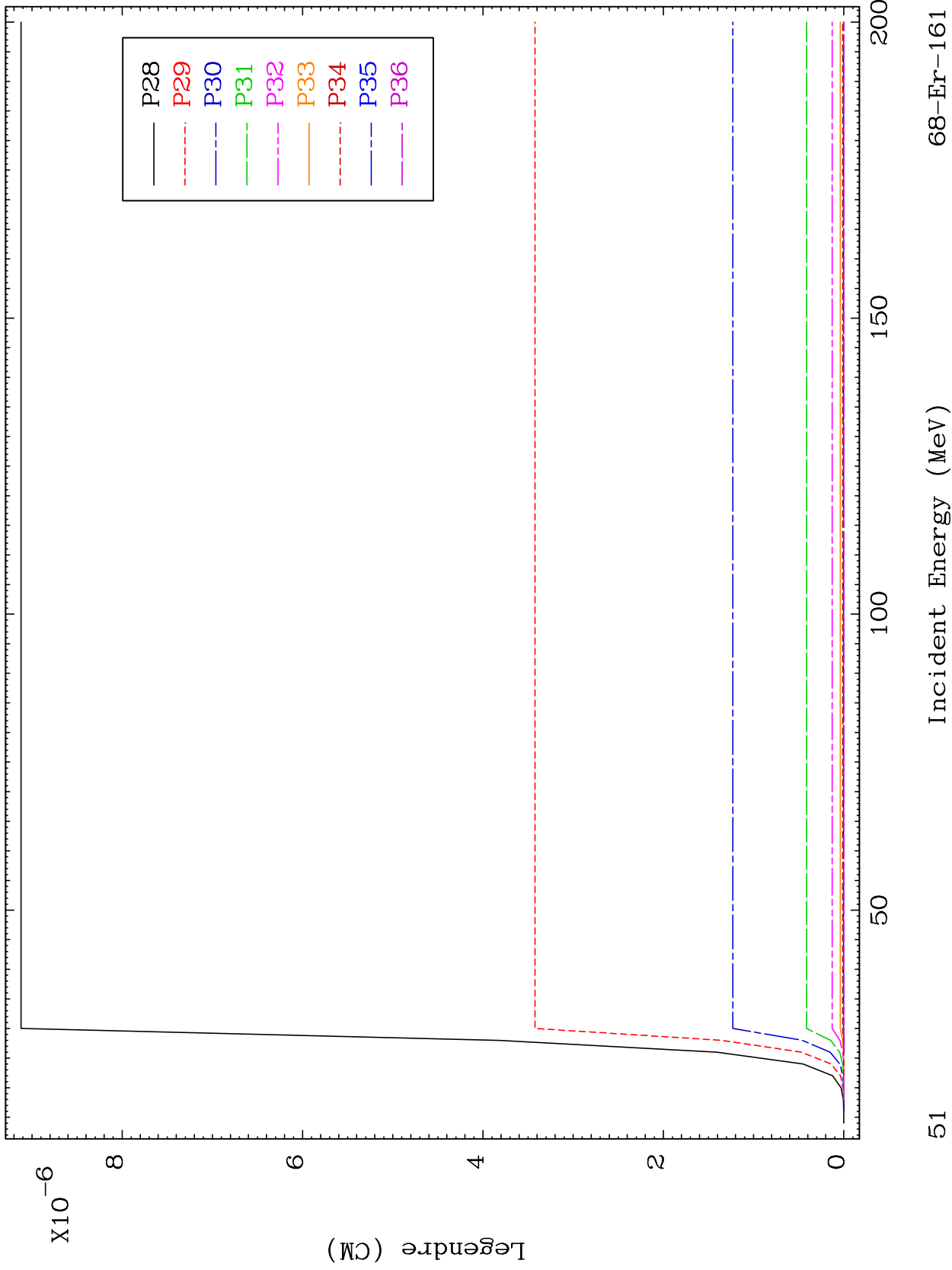
Incident Energy (MeV)

68-Er-161

MAT 6822

266.4 keV (n,n') Level
Legendre Coefficients

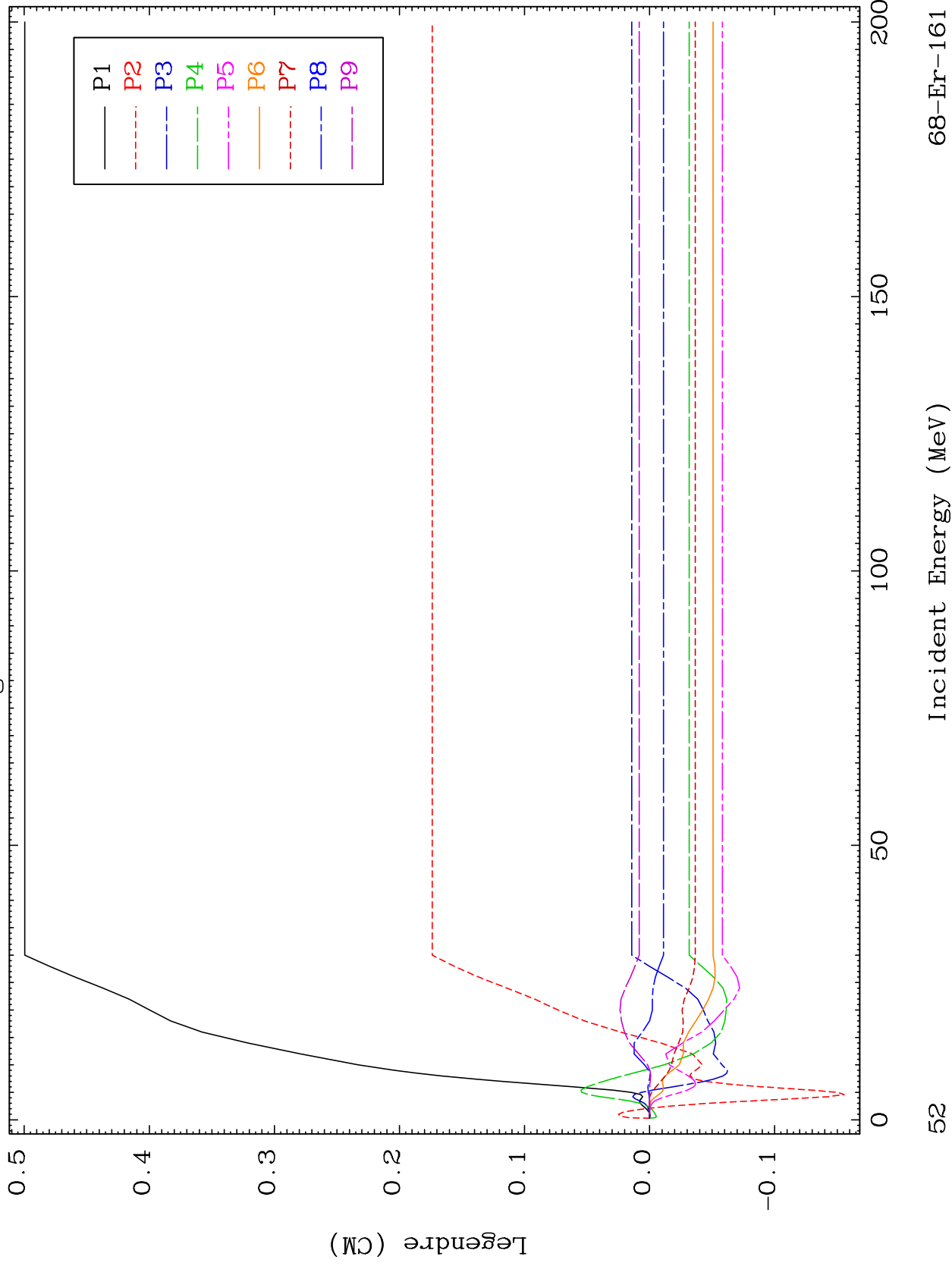
68-Er-161

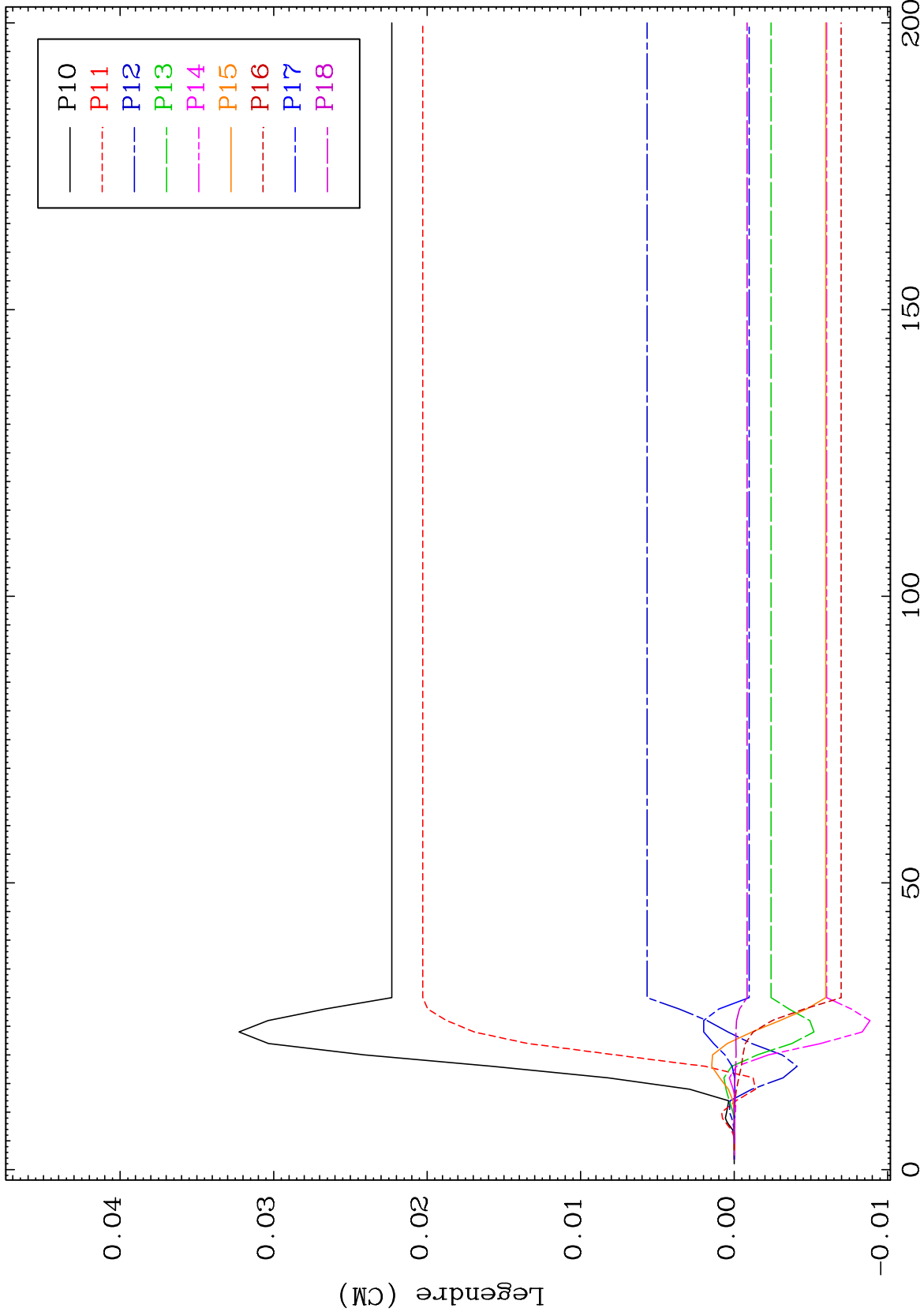


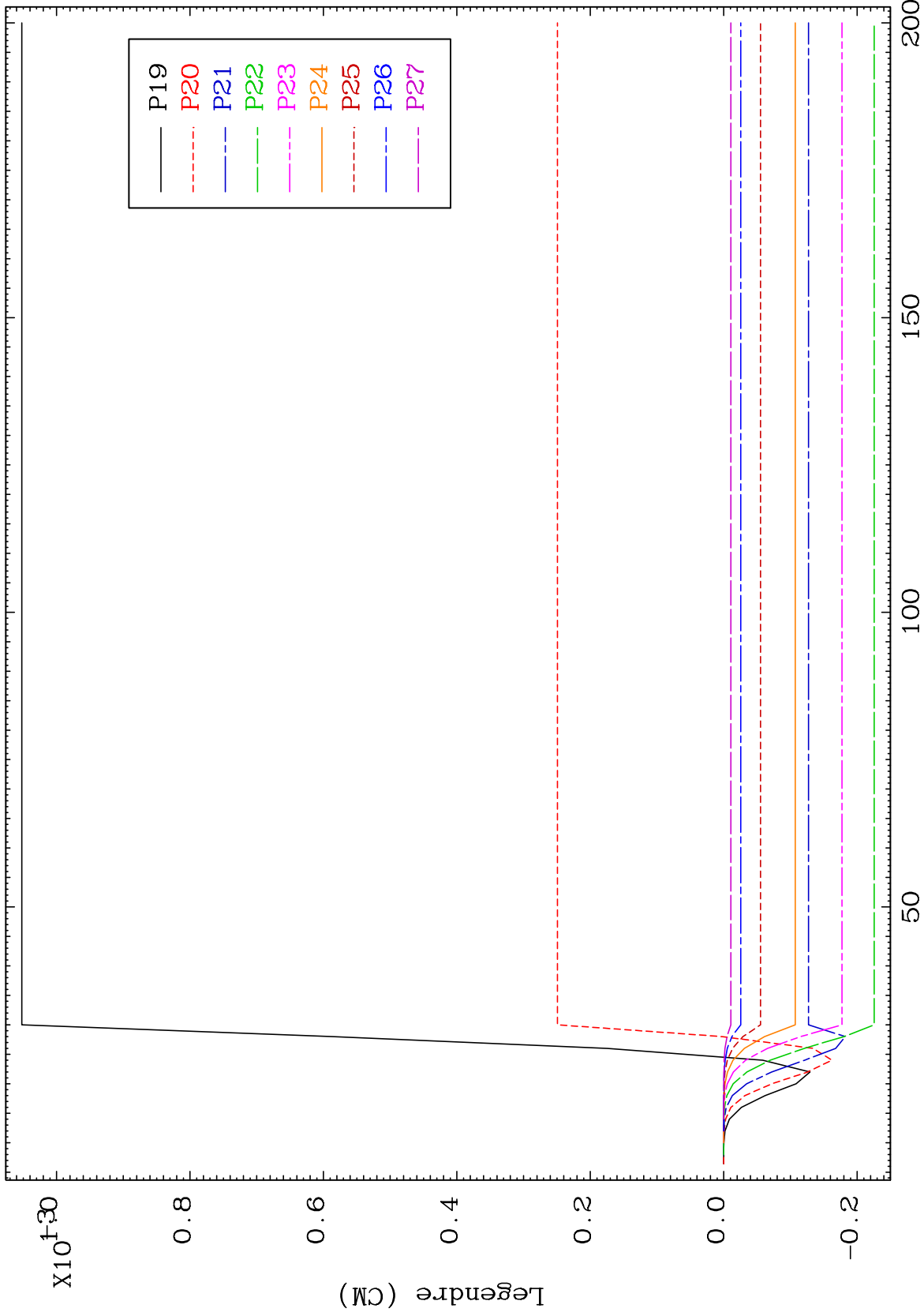
51

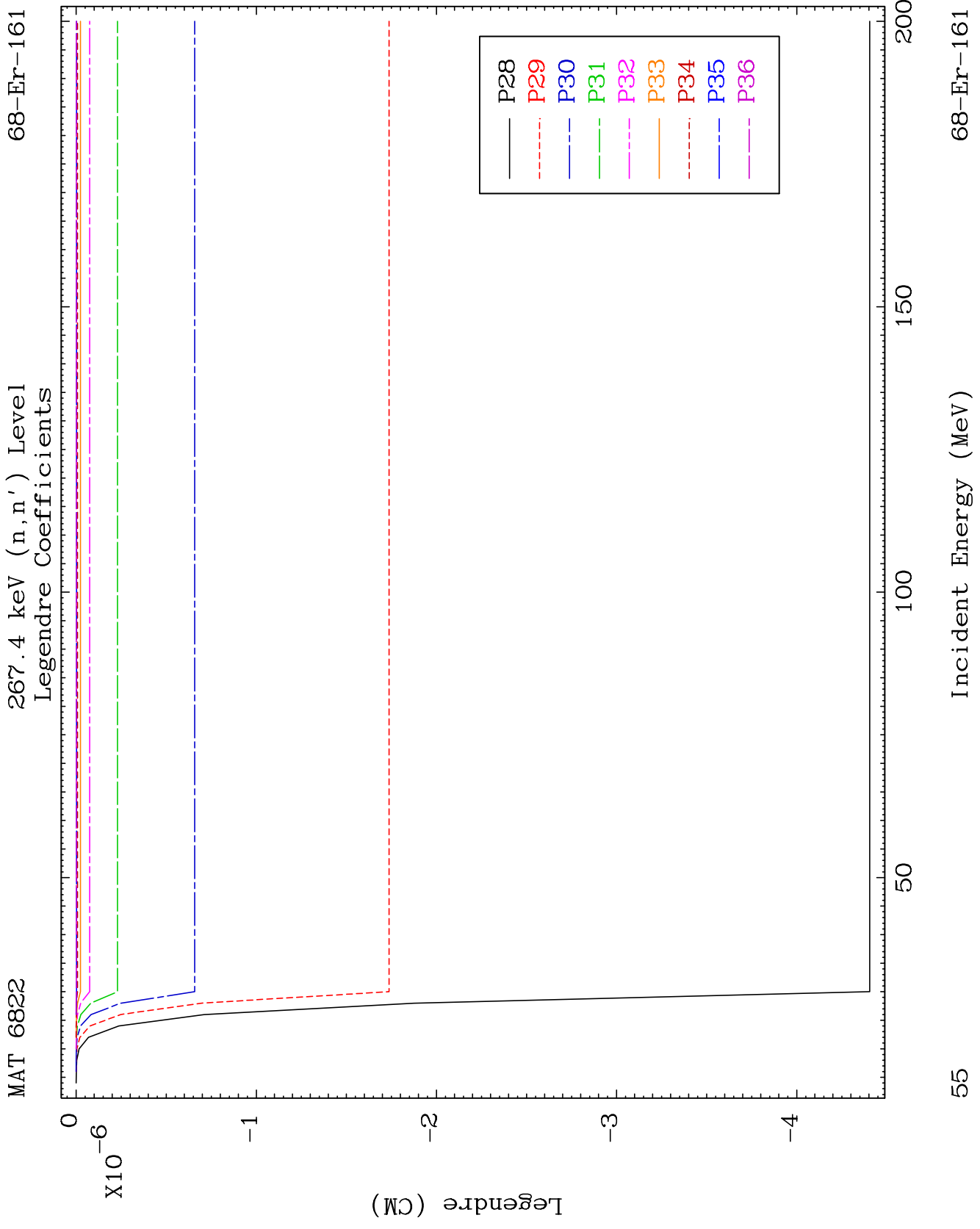
Incident Energy (MeV)

68-Er-161





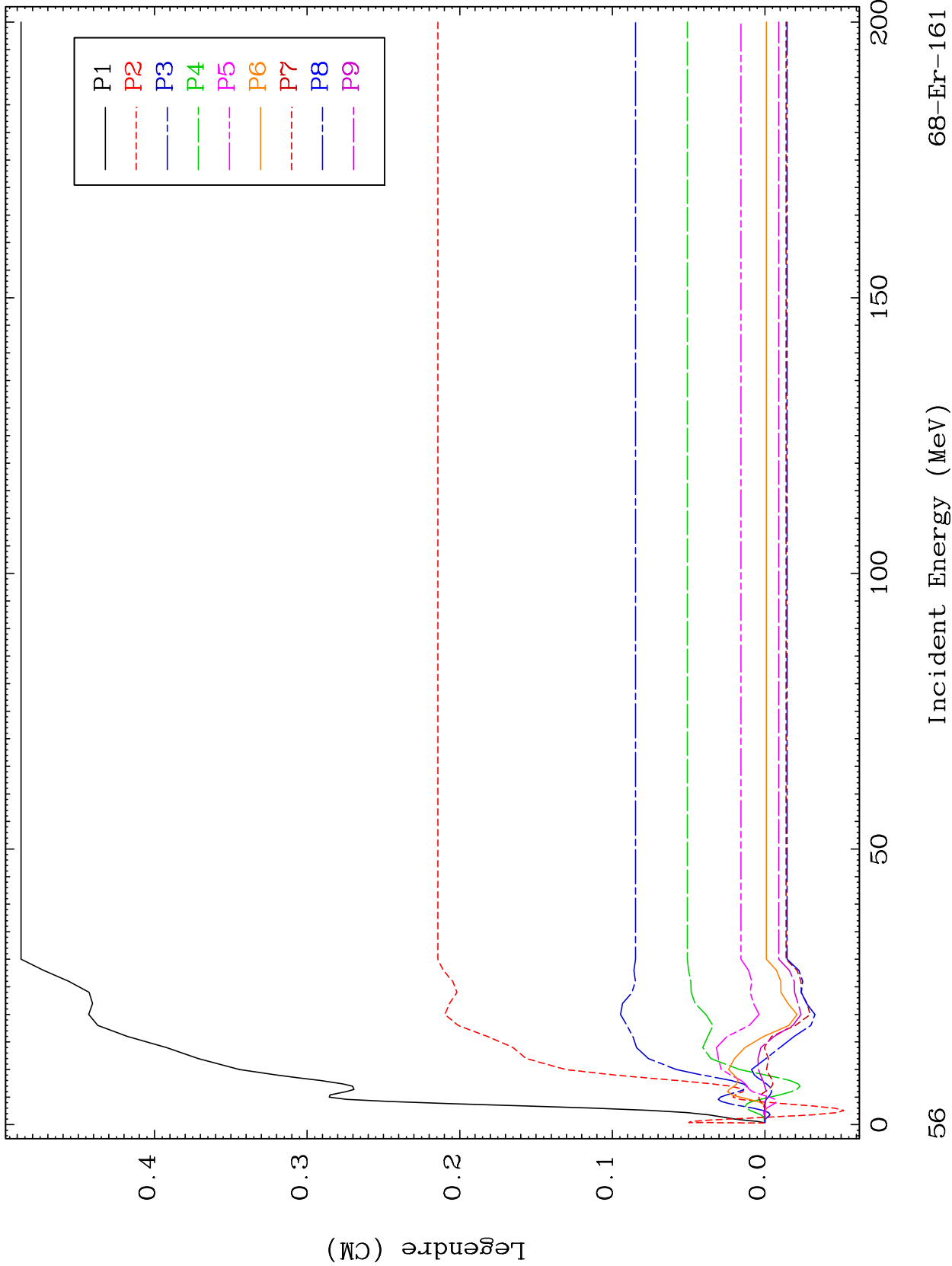




MAT 6822

296.7 keV (n,n') Level
Legendre Coefficients

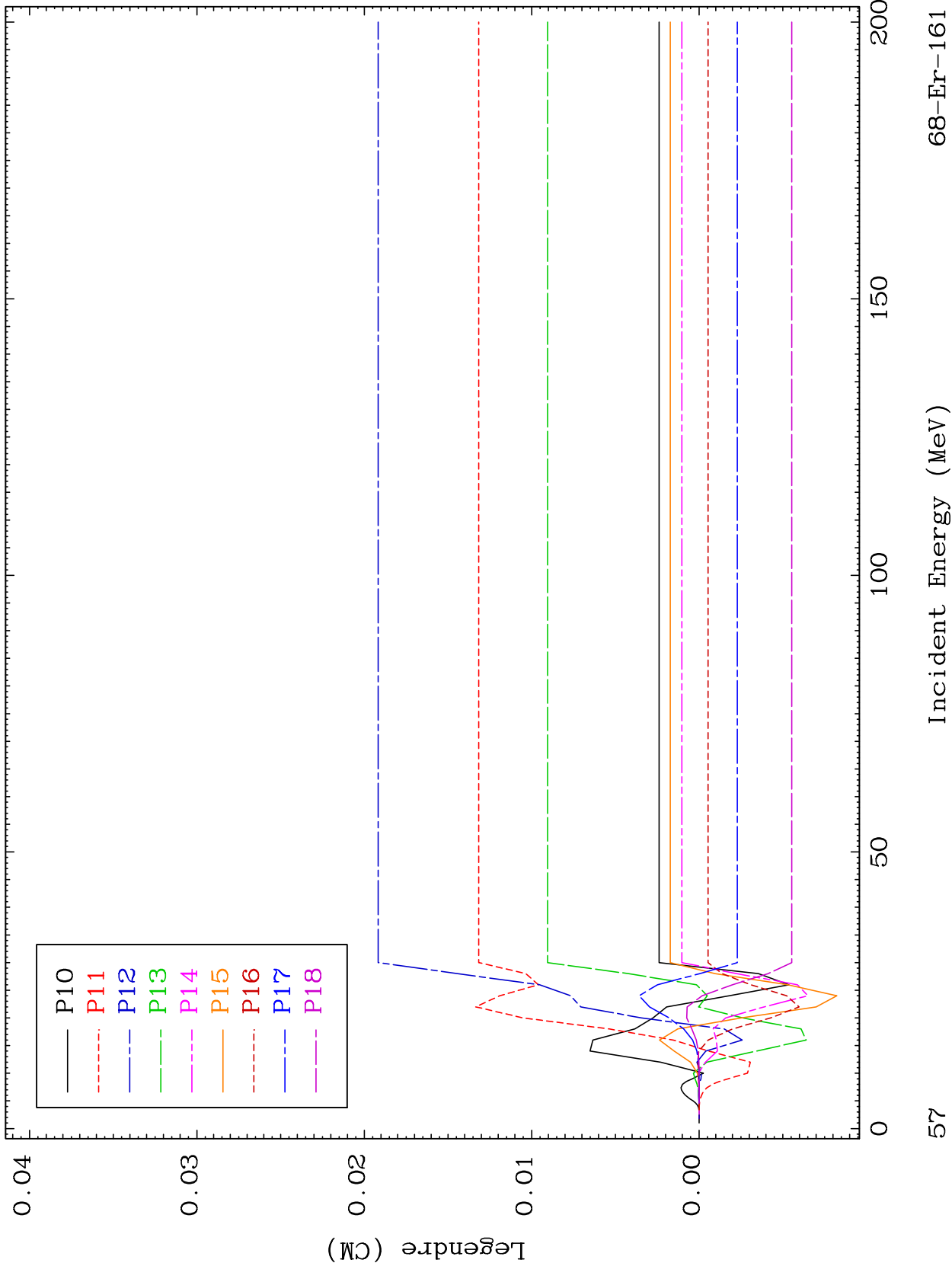
68-Er-161

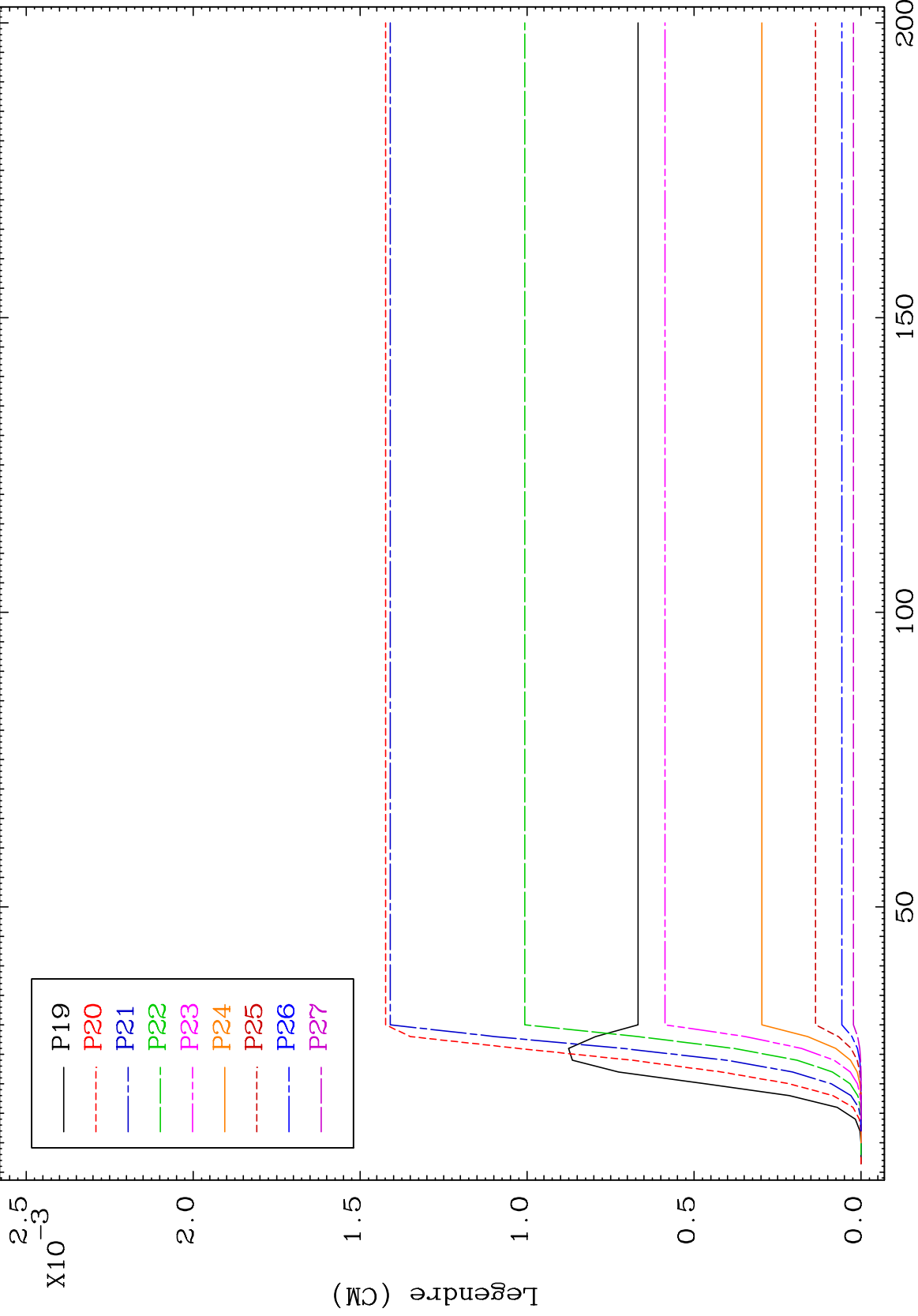


68-Er-161

Incident Energy (MeV)

56

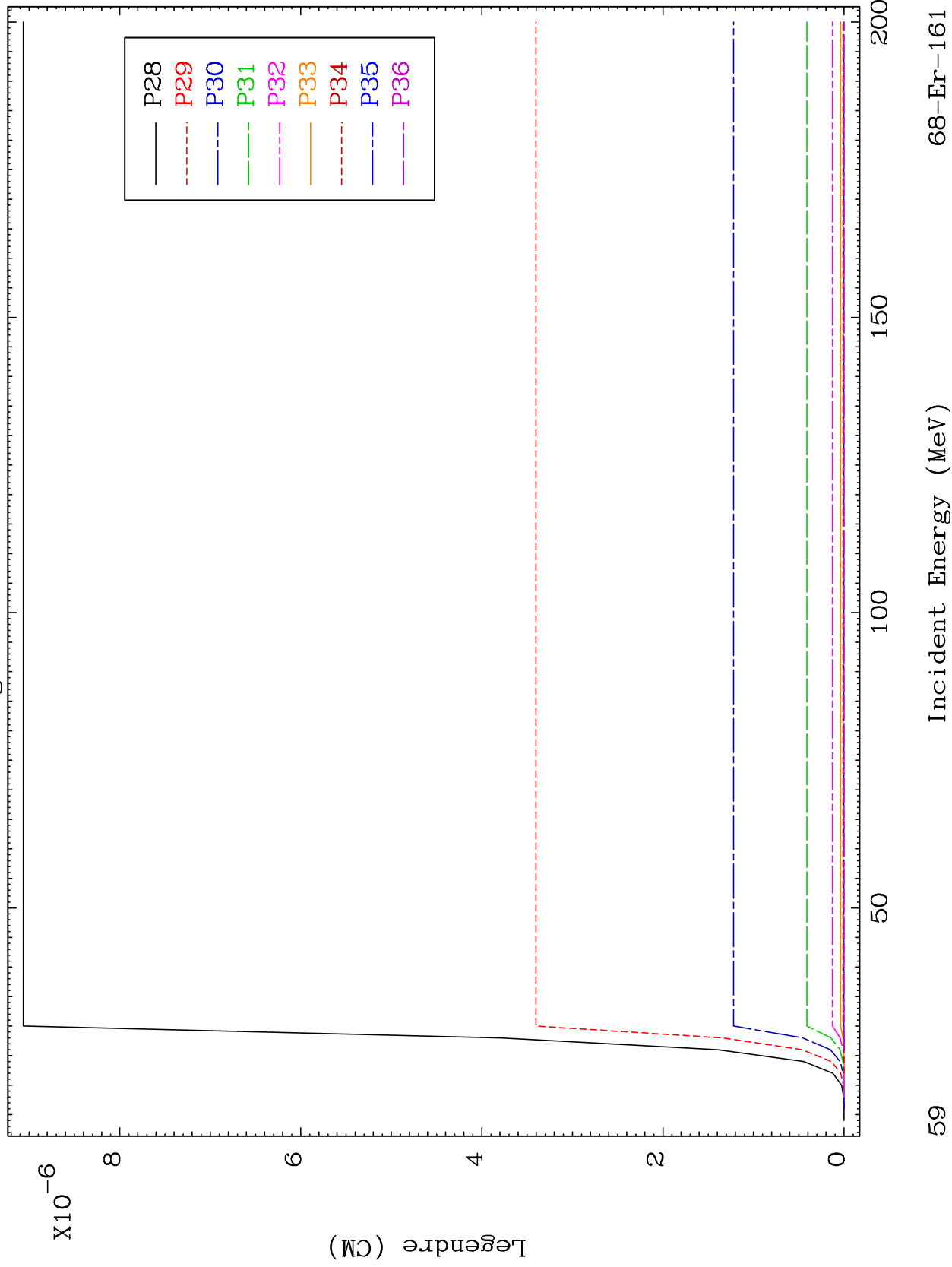




MAT 6822

296.7 keV (n,n') Level
Legendre Coefficients

68-Er-161



59

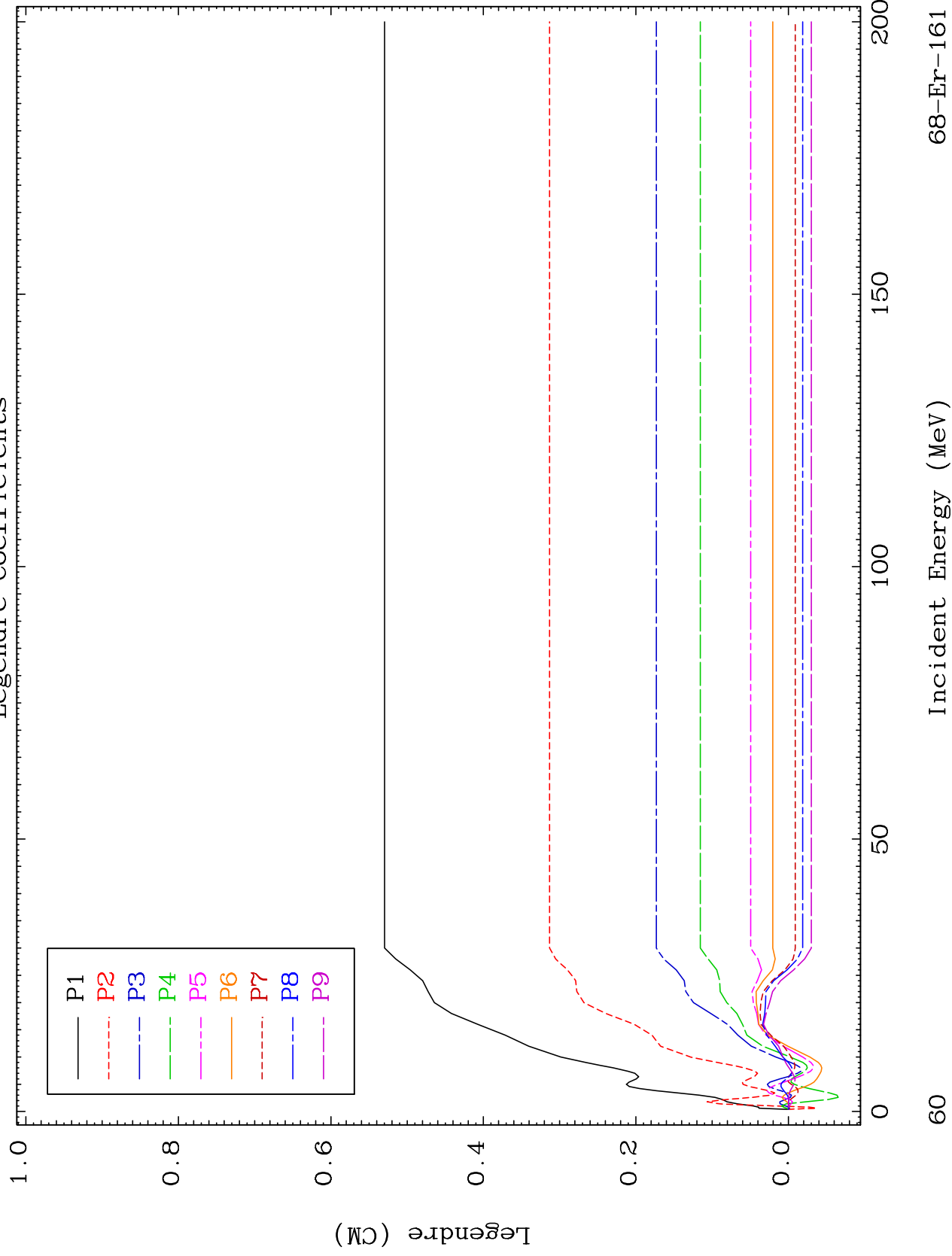
Incident Energy (MeV)

68-Er-161

MAT 68222

369.5 keV (n,n') Level
Legendre Coefficients

68-Er-161



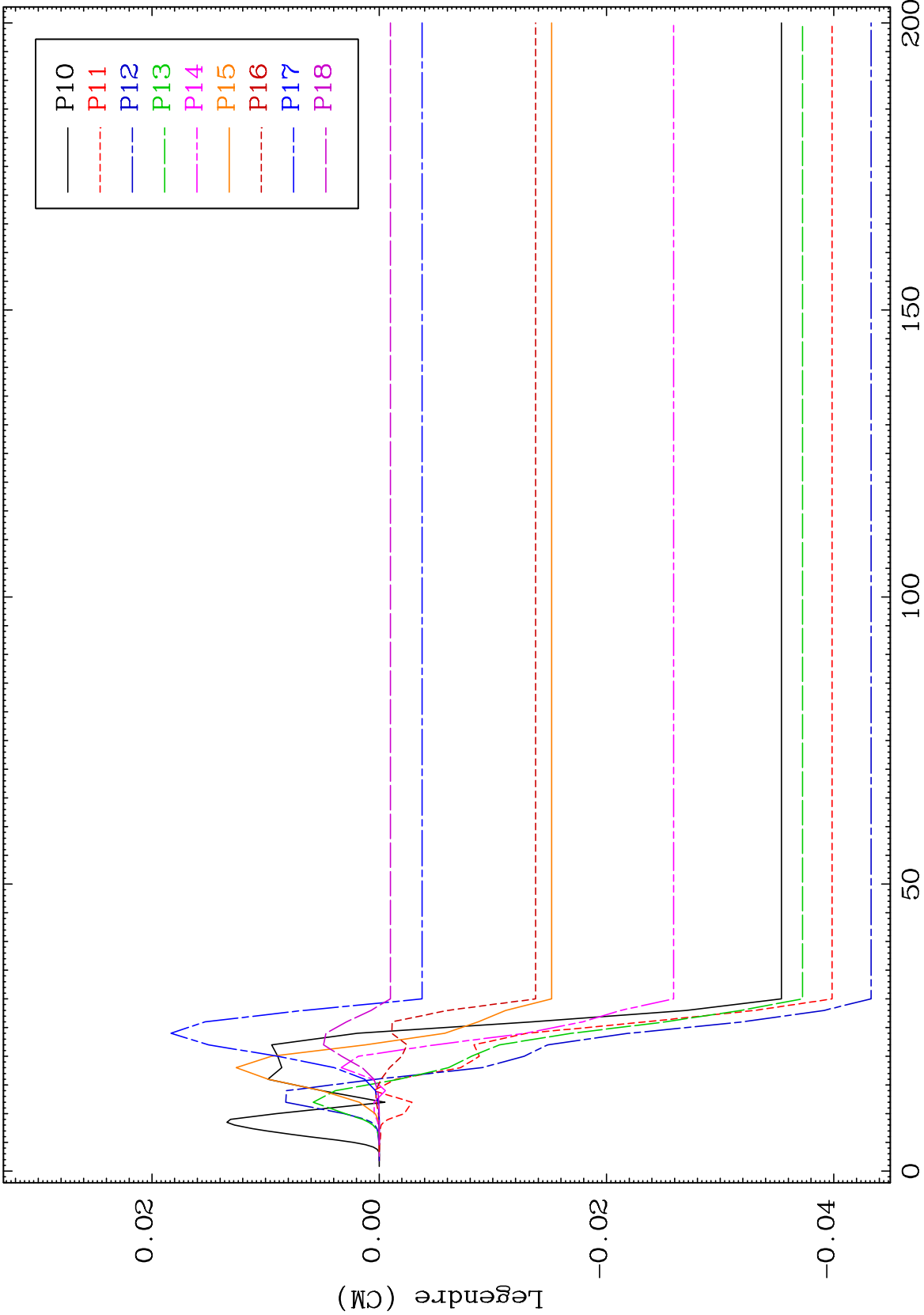
68-Er-161

Incident Energy (MeV)

MAT 6822

369.5 keV (n,n') Level
Legendre Coefficients

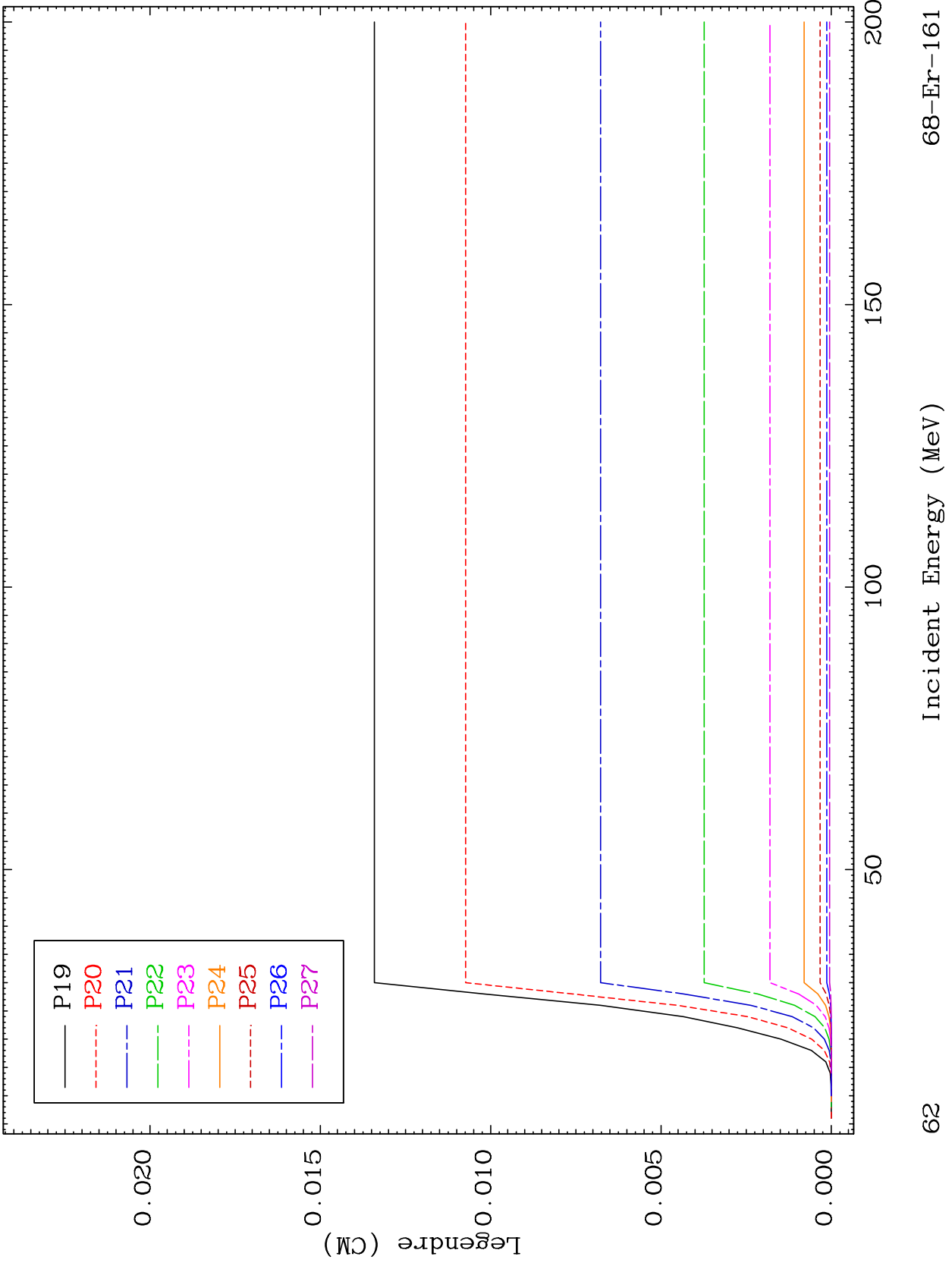
68-Er-161



61

Incident Energy (MeV)

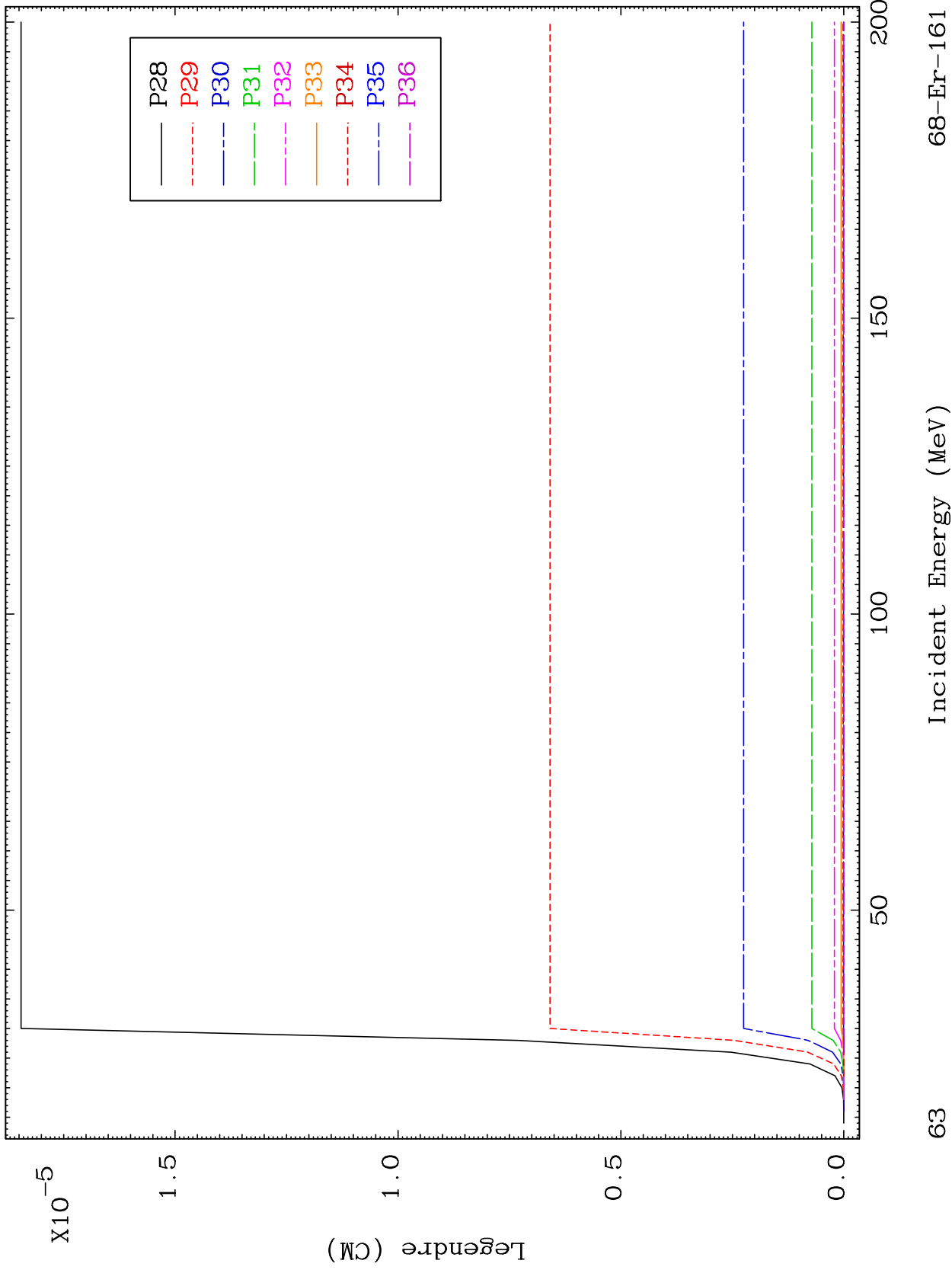
68-Er-161



MAT 6822

369.5 keV (n,n') Level
Legendre Coefficients

68-Er-161



63

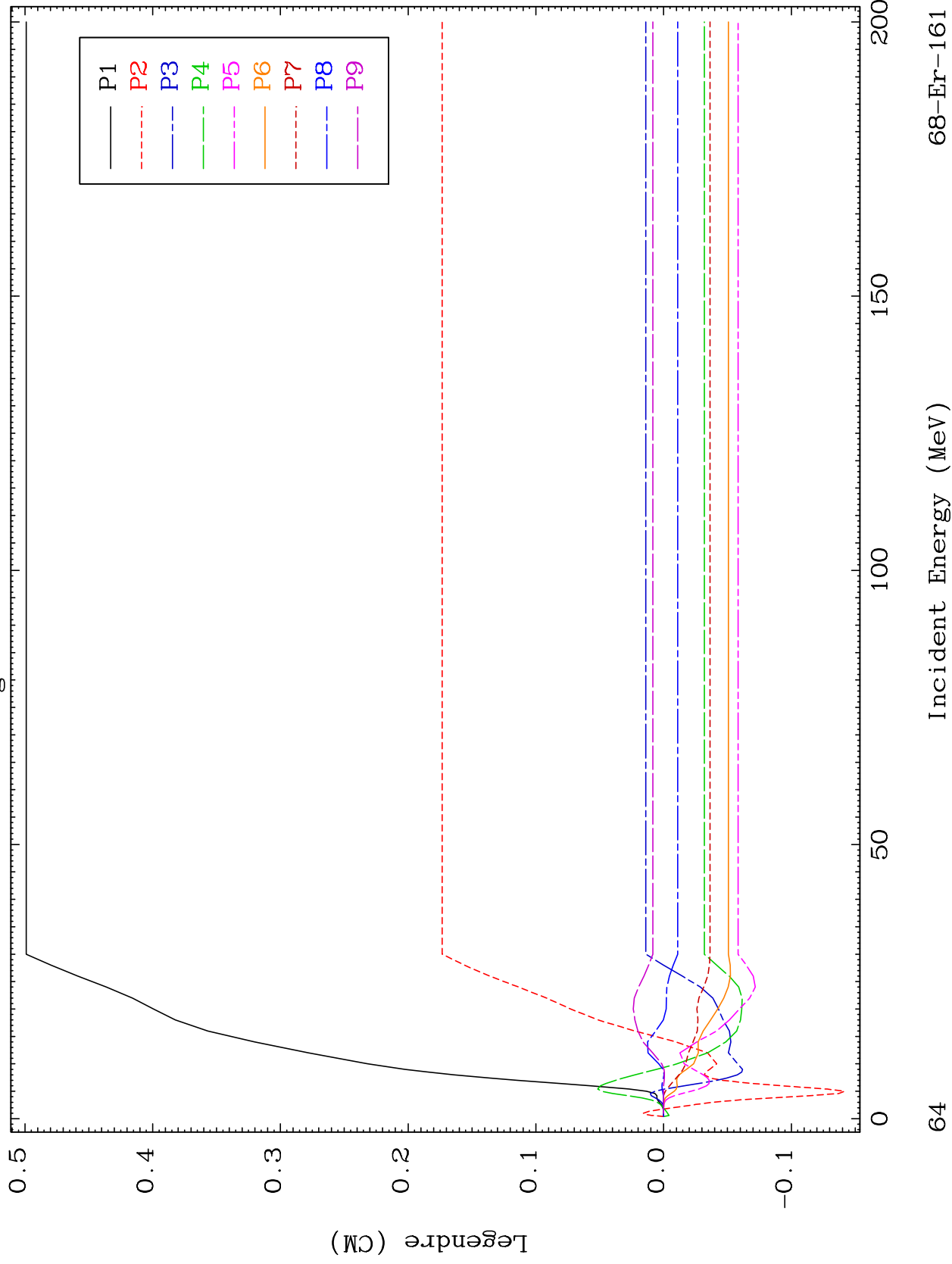
Incident Energy (MeV)

68-Er-161

MAT 68222

388.5 keV (n,n') Level
Legendre Coefficients

68-Er-161



68-Er-161

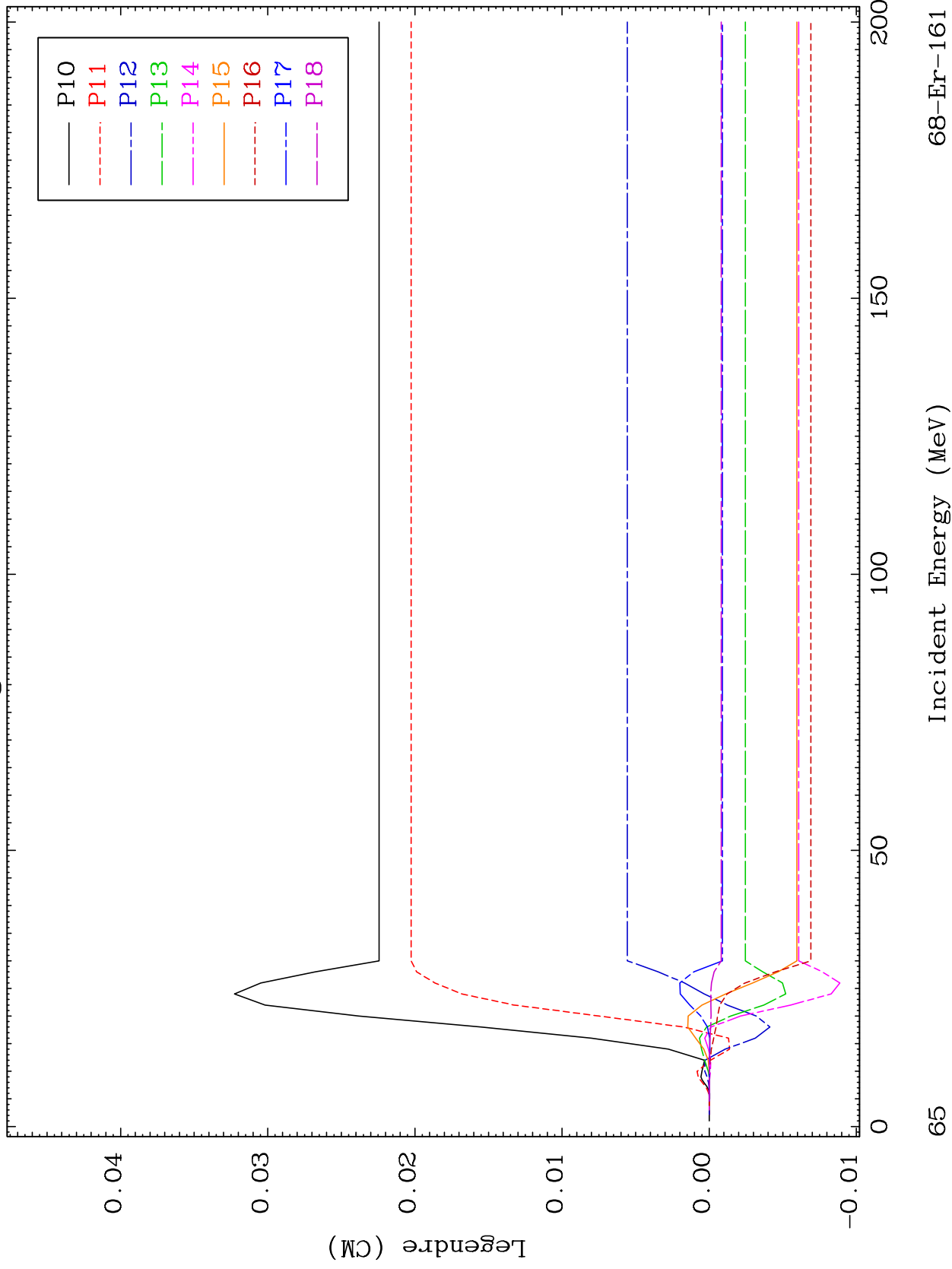
Incident Energy (MeV)

64

MAT 6822

388.5 keV (n,n') Level
Legendre Coefficients

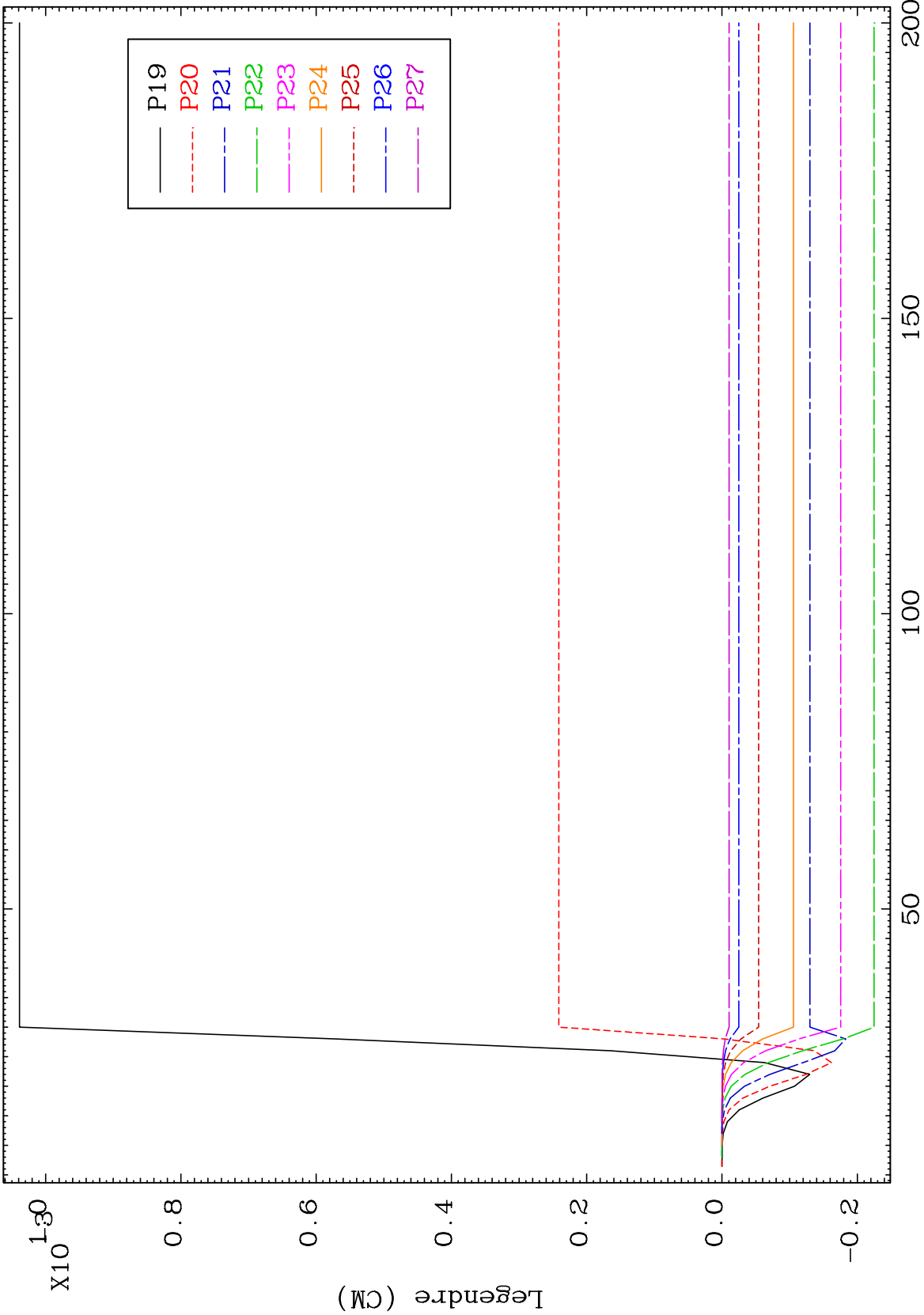
68-Er-161

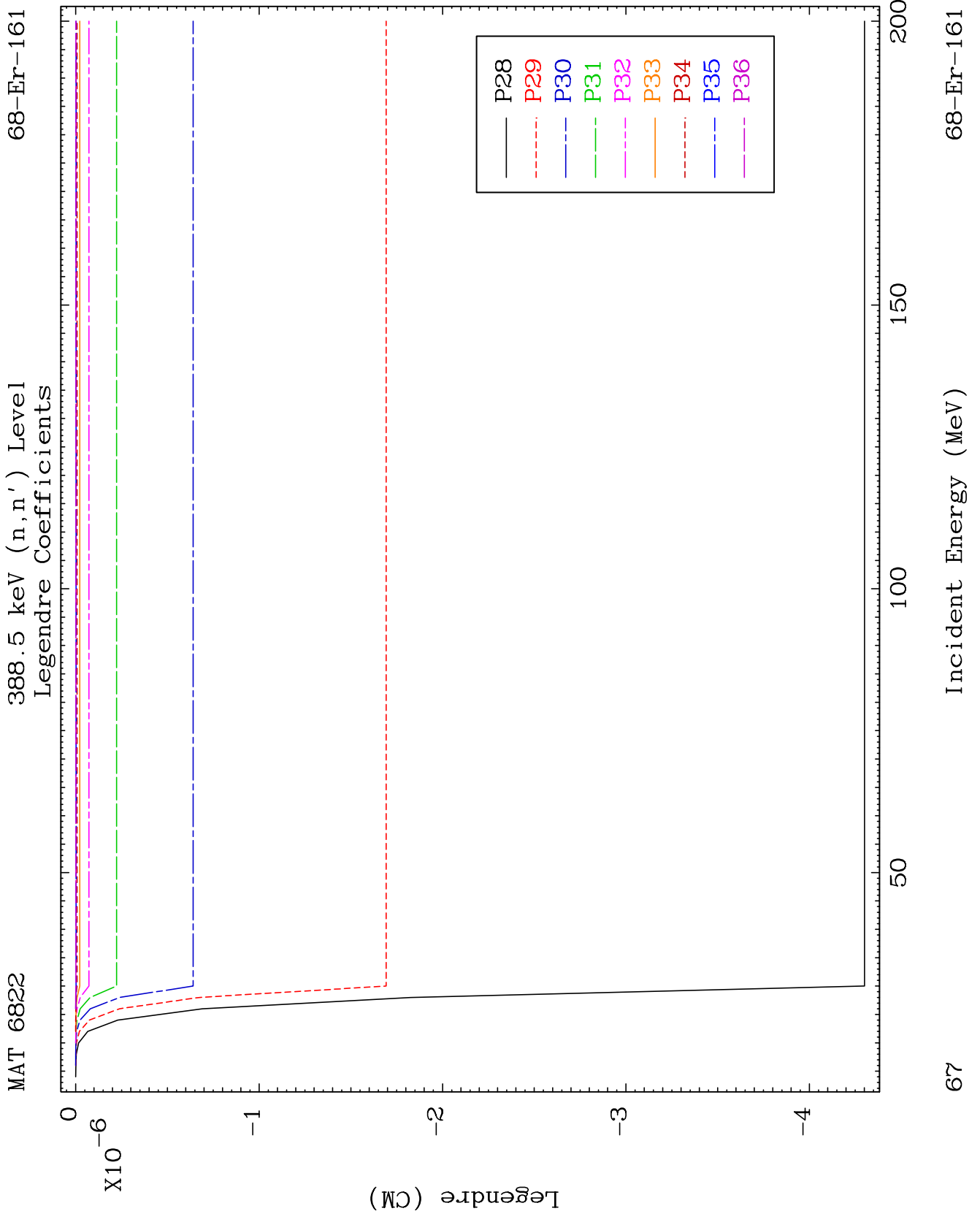


68-Er-161

Incident Energy (MeV)

65

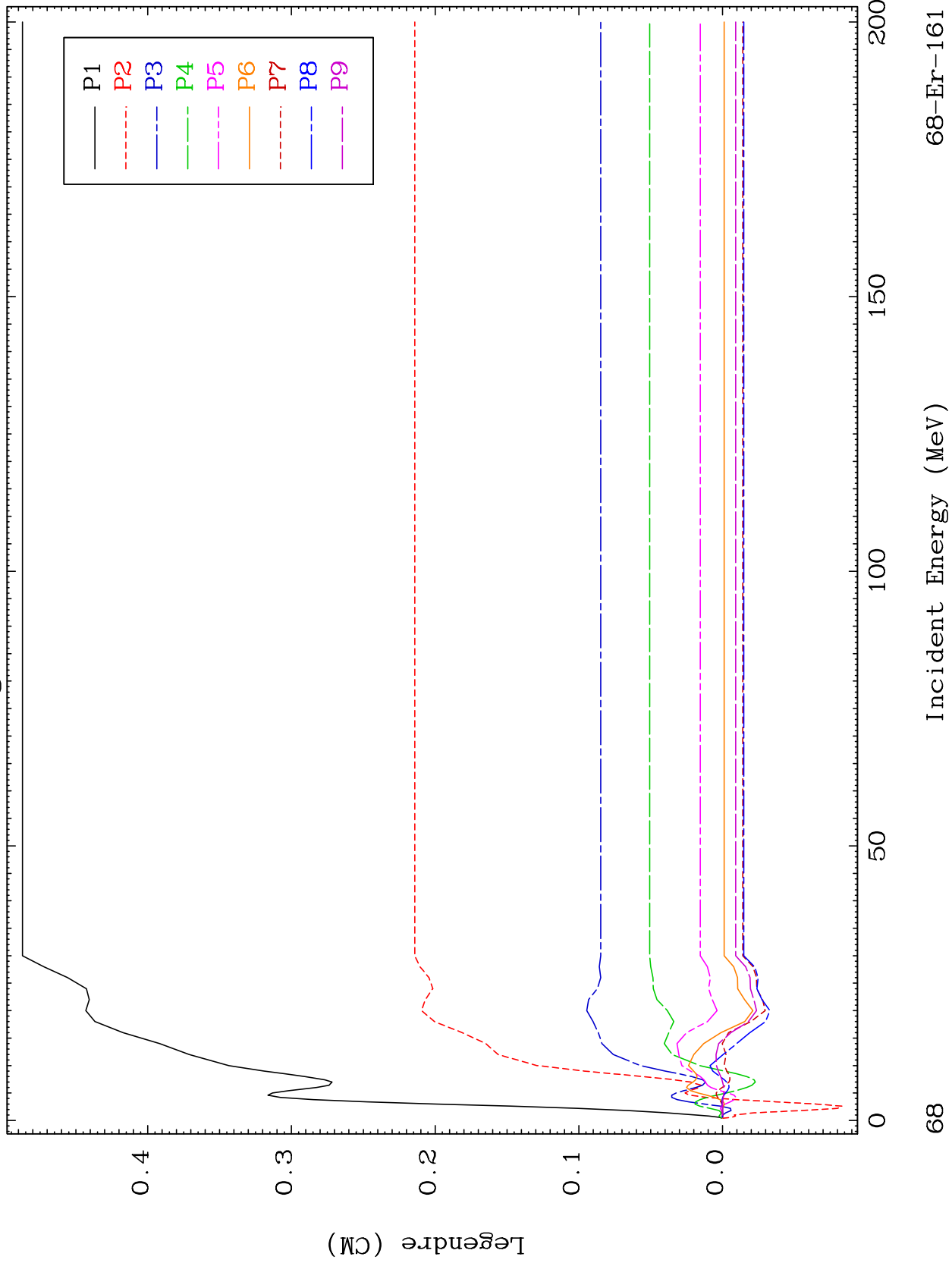




MAT 68222

390.2 keV (n,n') Level
Legendre Coefficients

68-Er-161



68-Er-161

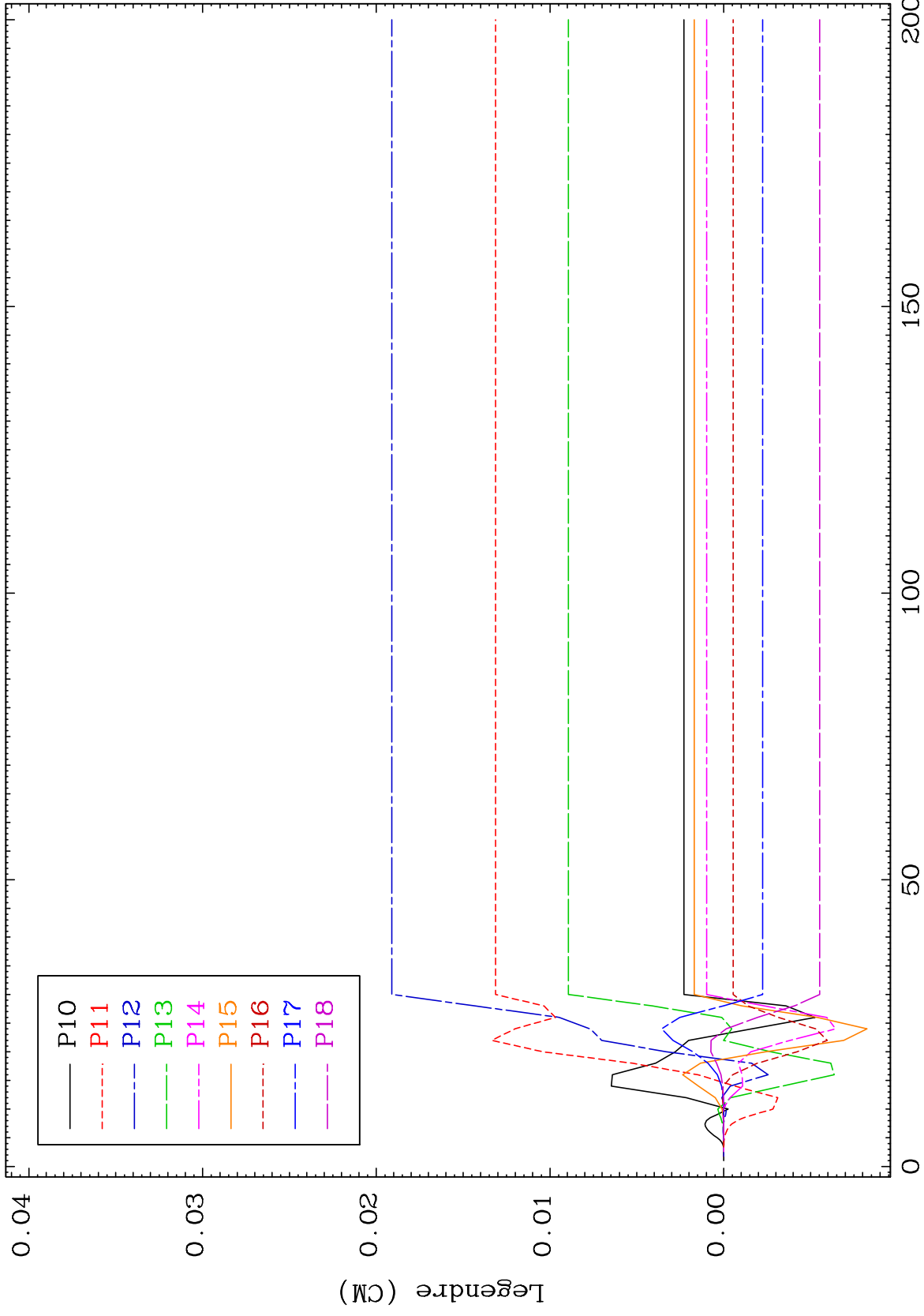
Incident Energy (MeV)

68

MAT 68222

390.2 keV (n,n') Level
Legendre Coefficients

68-Er-161



69

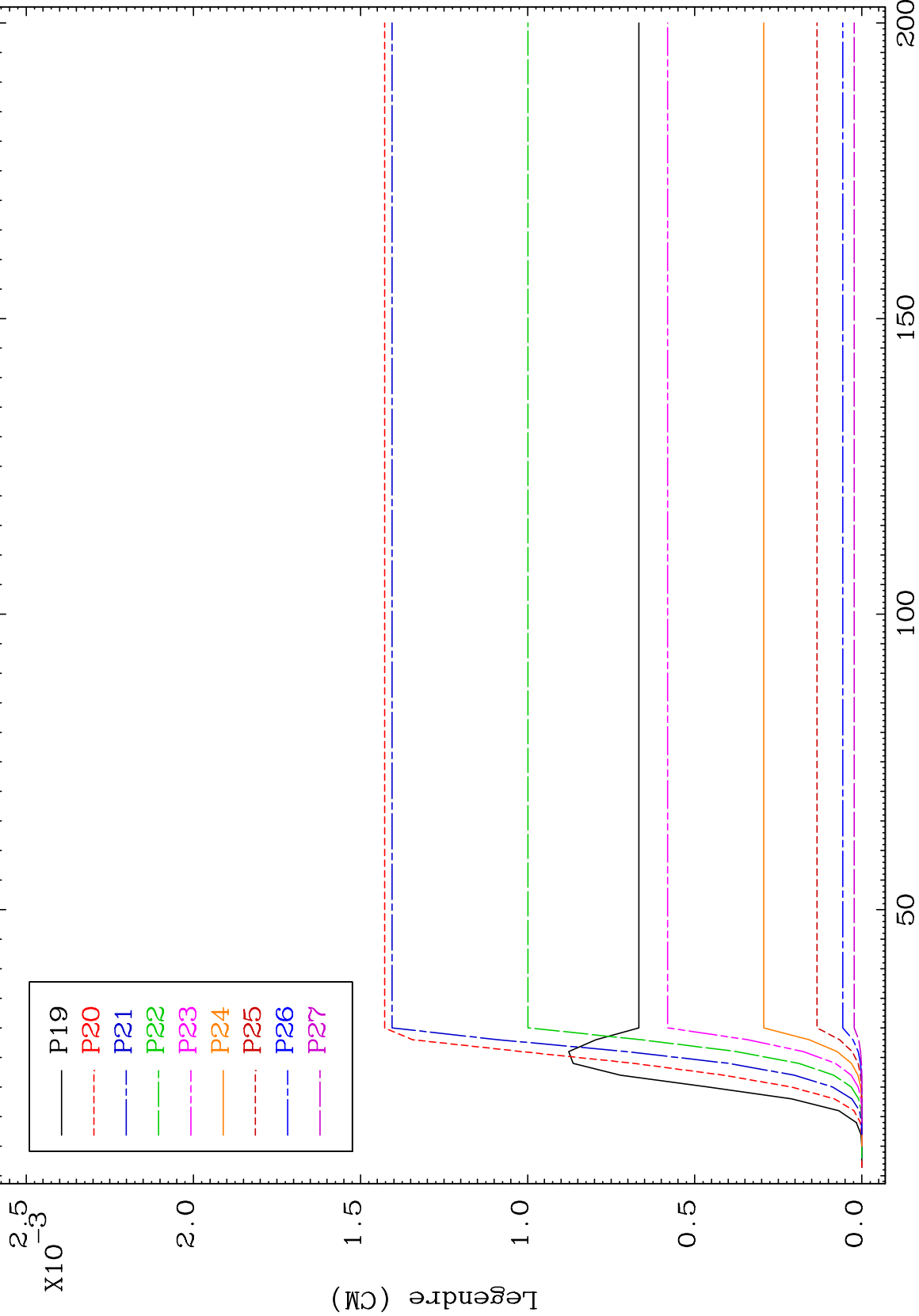
Incident Energy (MeV)

68-Er-161

MAT 68222

390.2 keV (n,n') Level
Legendre Coefficients

68-Er-161



70

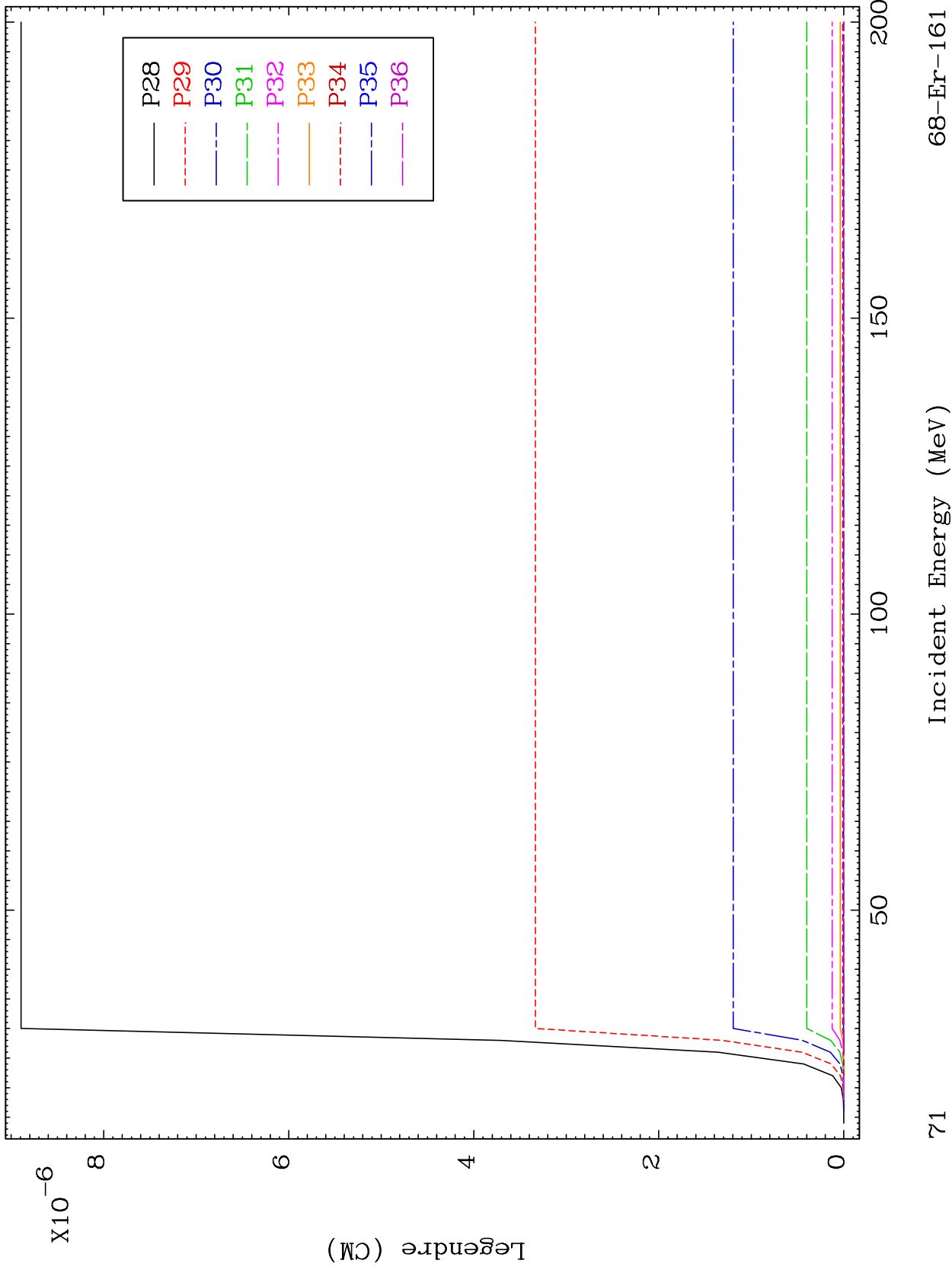
Incident Energy (MeV)

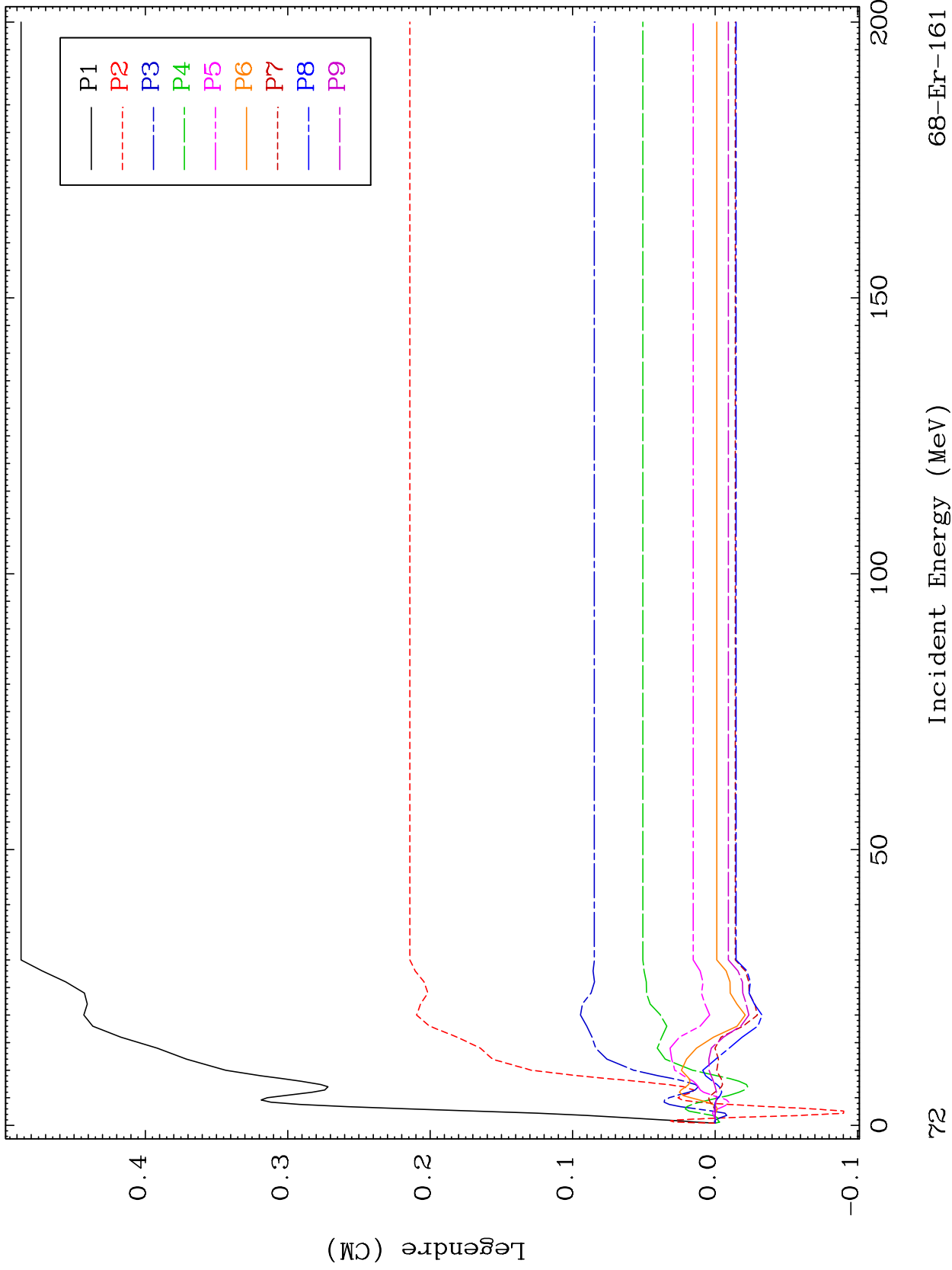
68-Er-161

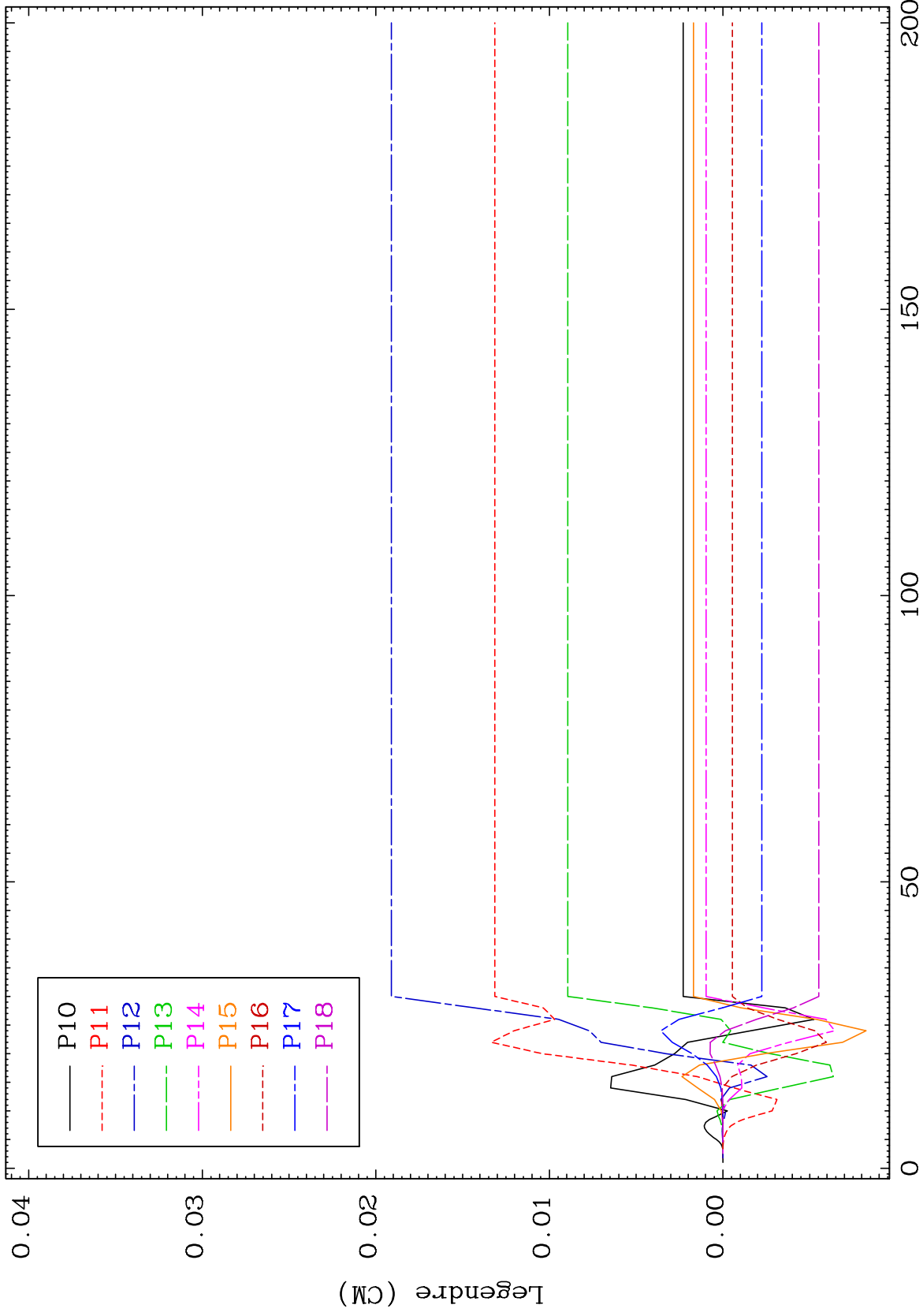
MAT 6822

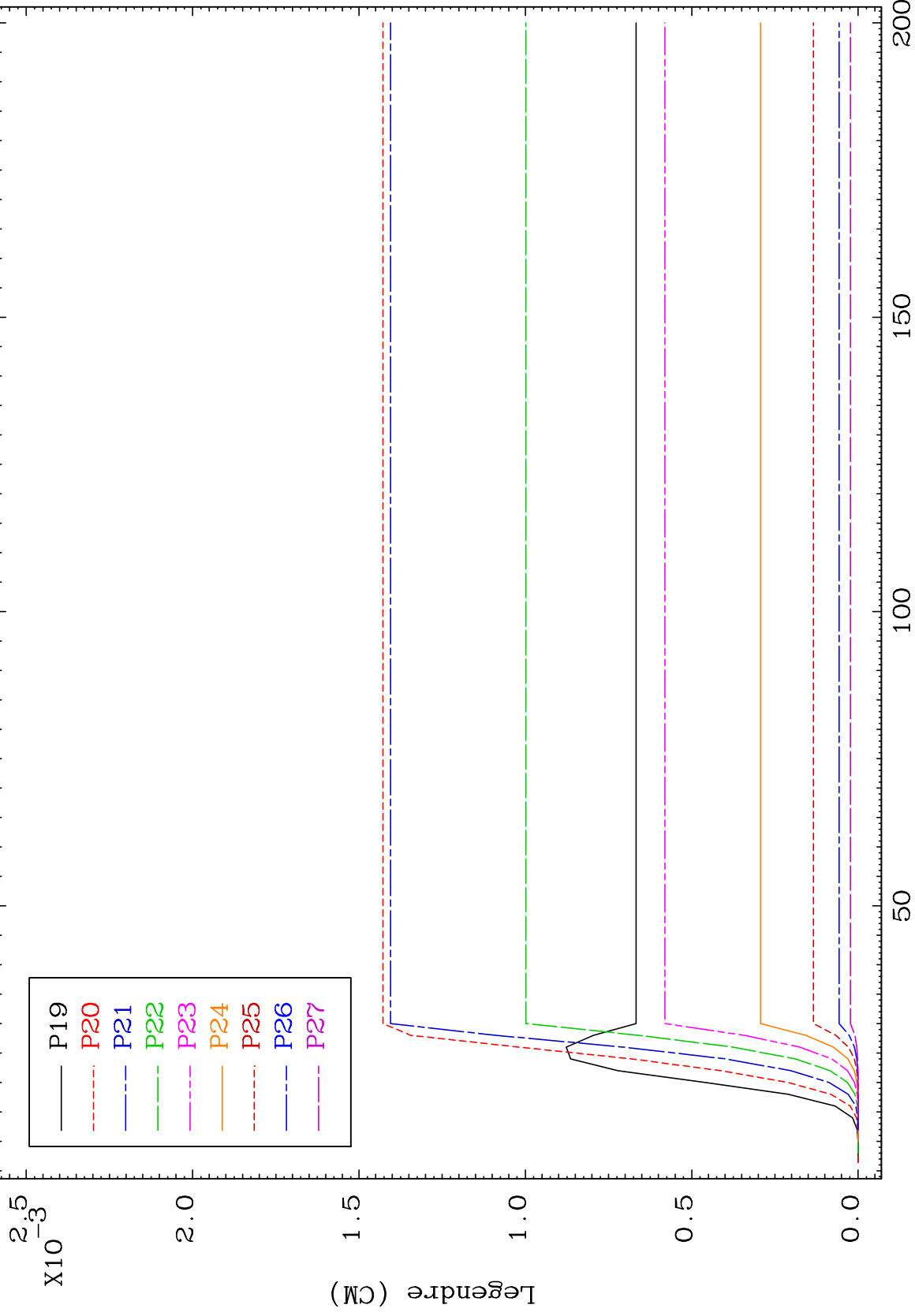
390.2 keV (n,n') Level
Legendre Coefficients

68-Er-161





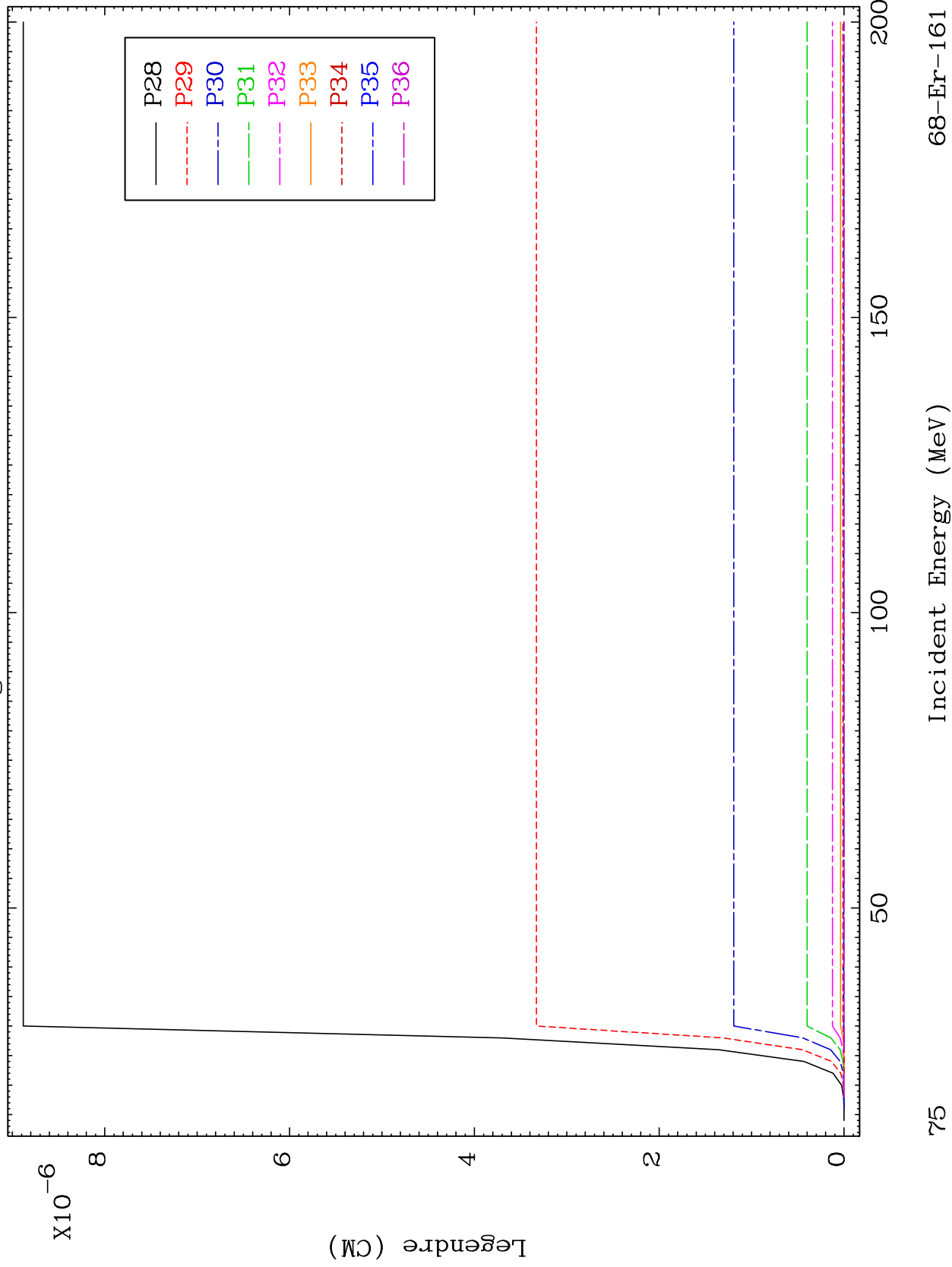




MAT 6822

396.4 keV (n,n') Level
Legendre Coefficients

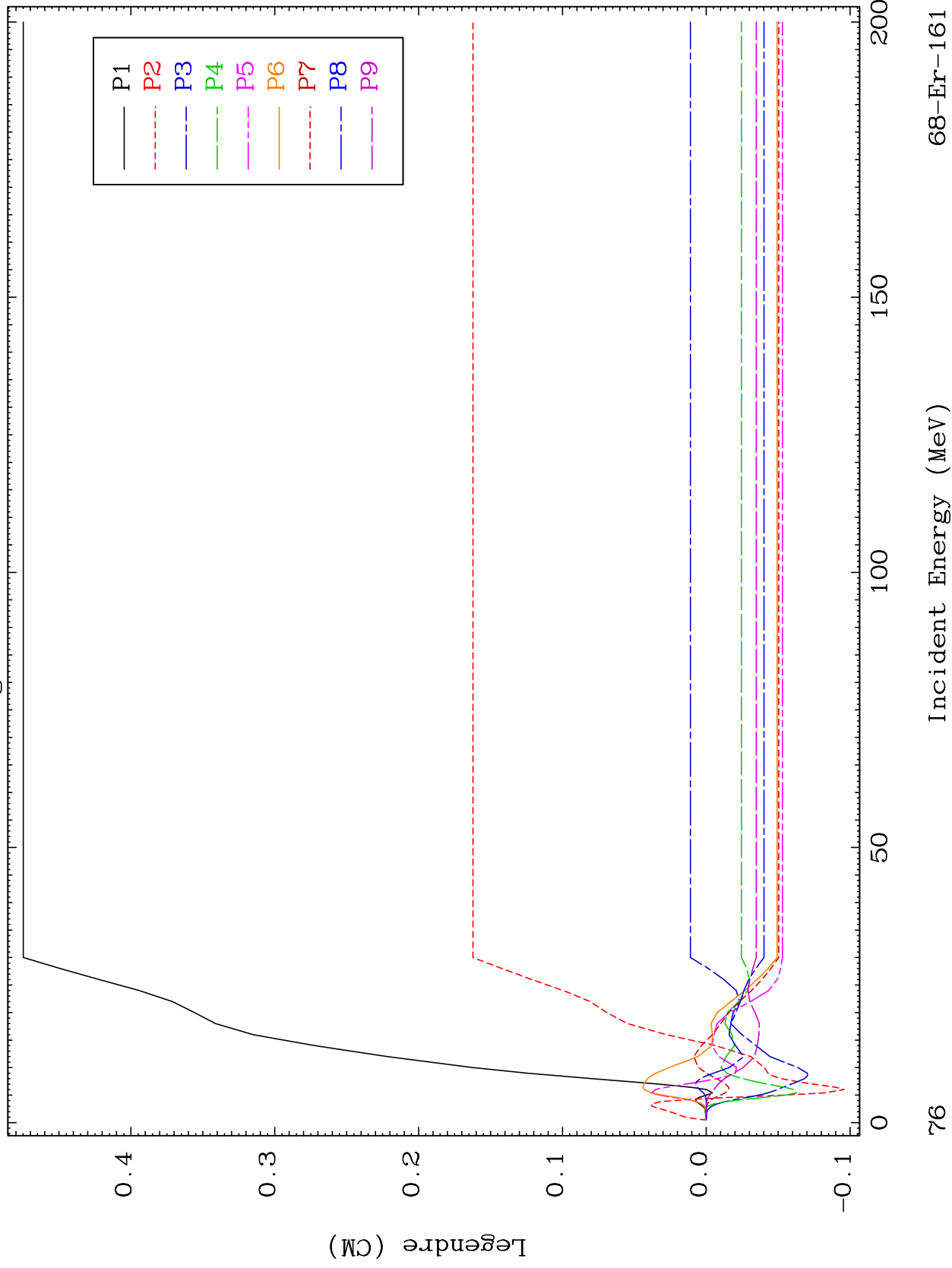
68-Er-161



MAT 6822

463.1 keV (n,n') Level
Legendre Coefficients

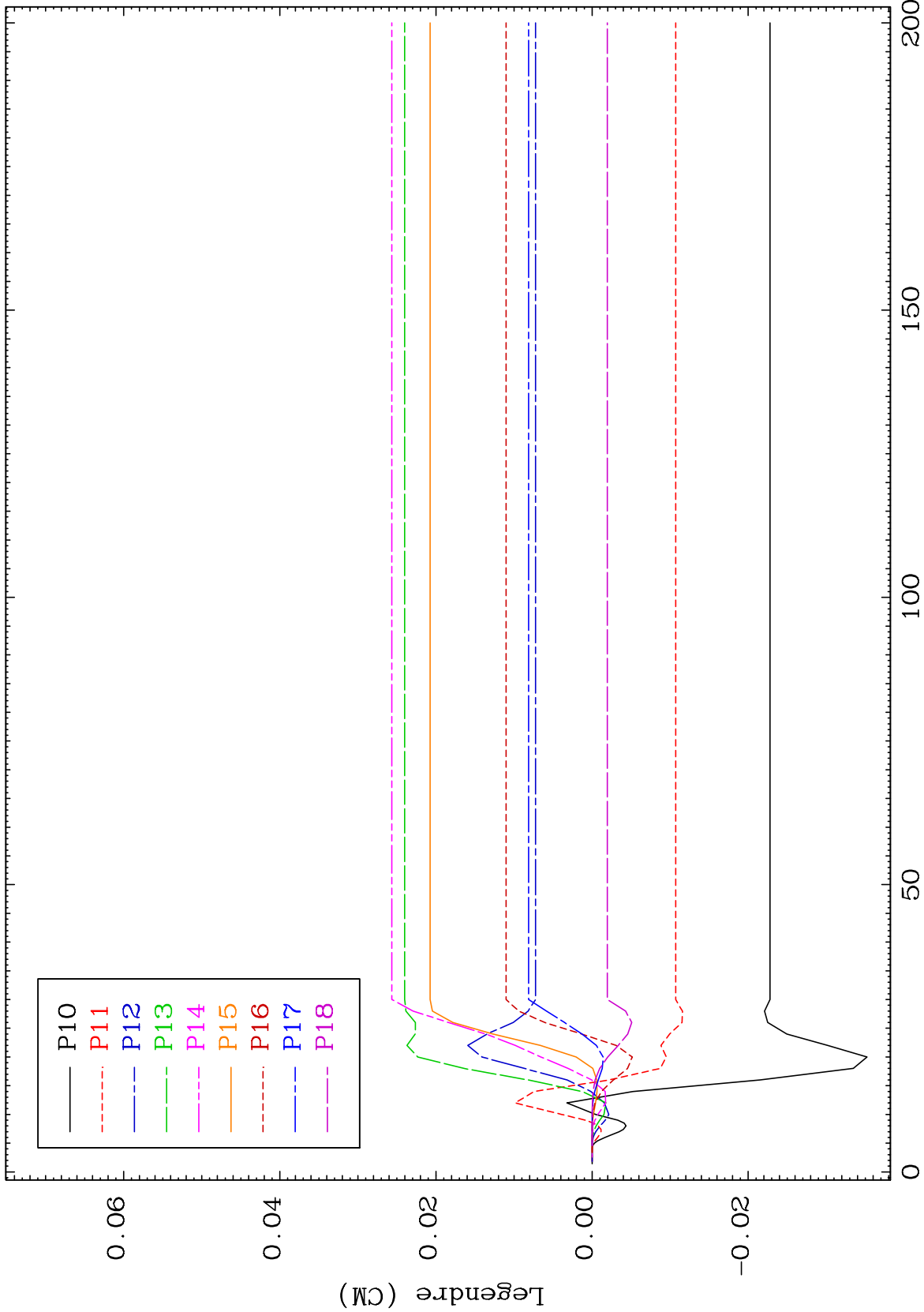
68-Er-161



76

Incident Energy (MeV)

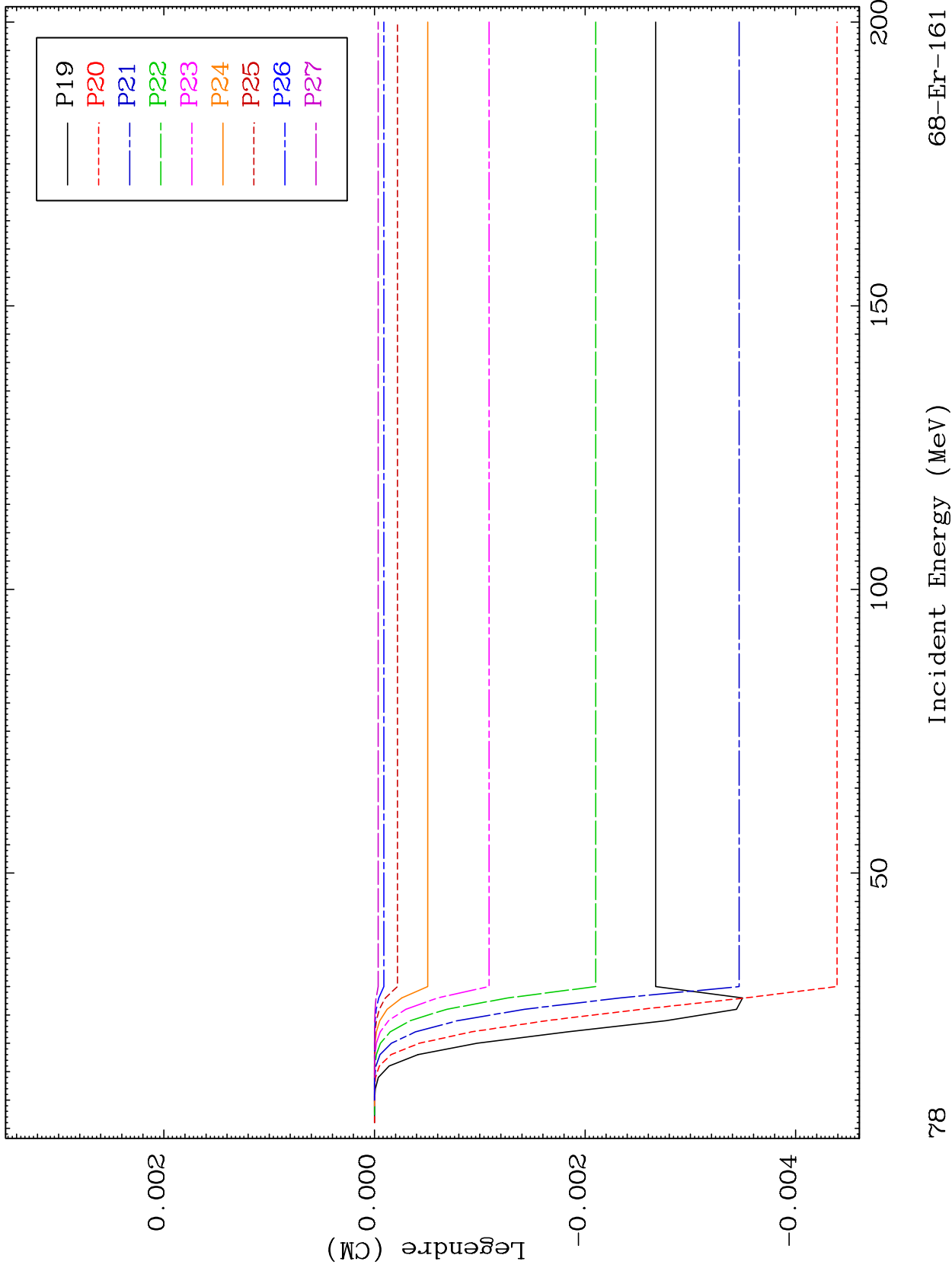
68-Er-161



MAT 6822

463.1 keV (n,n') Level
Legendre Coefficients

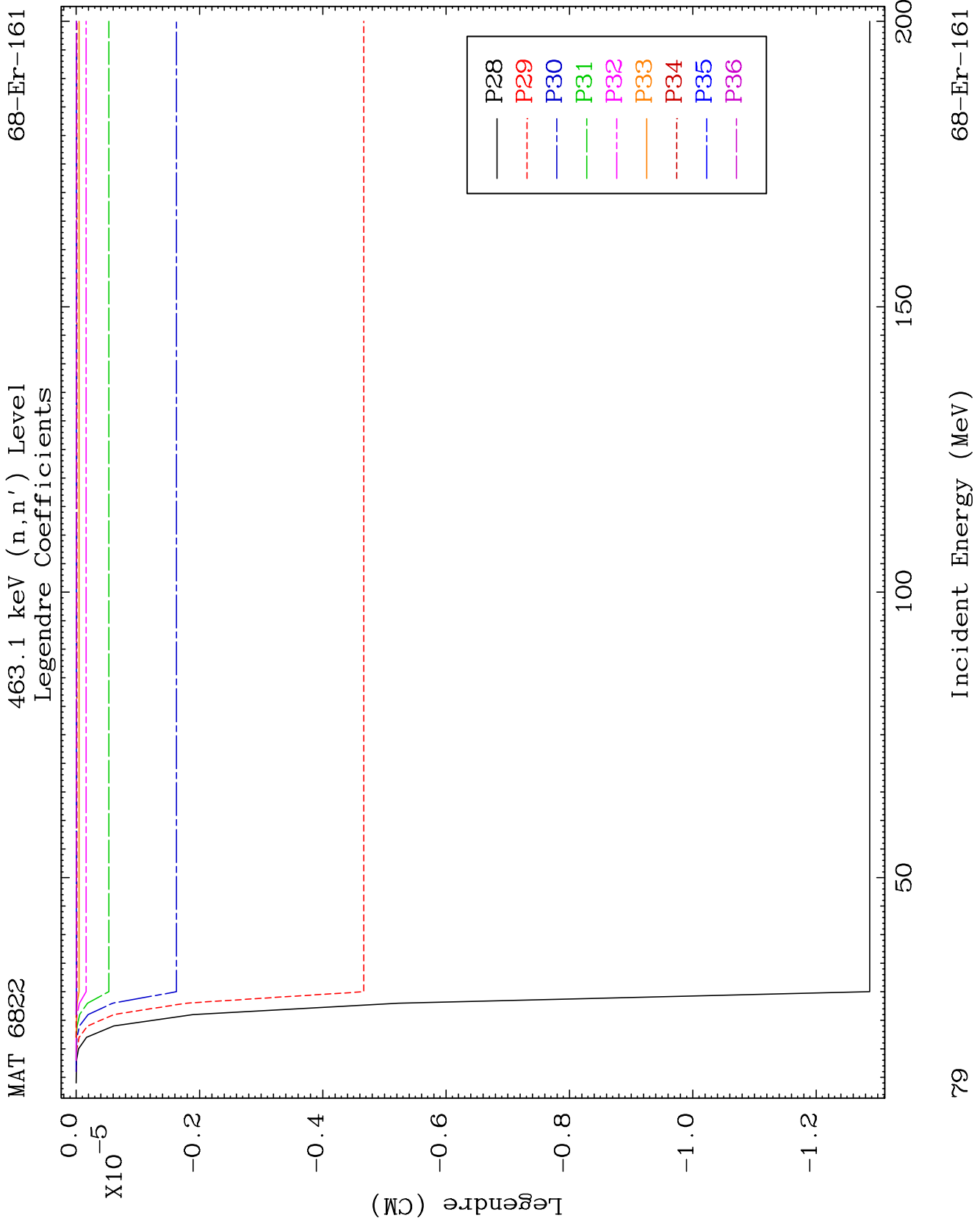
68-Er-161



78

Incident Energy (MeV)

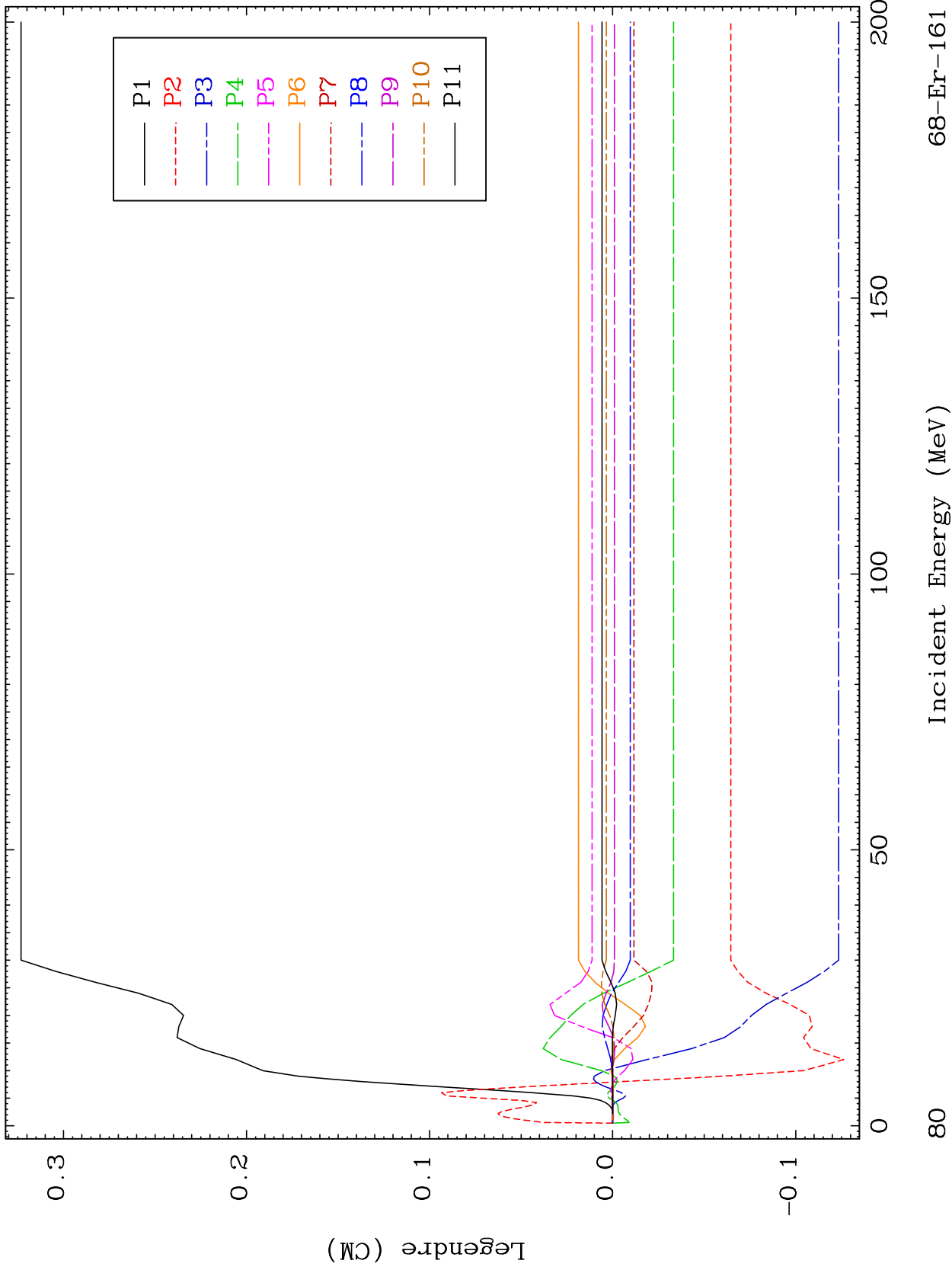
68-Er-161



MAT 6822

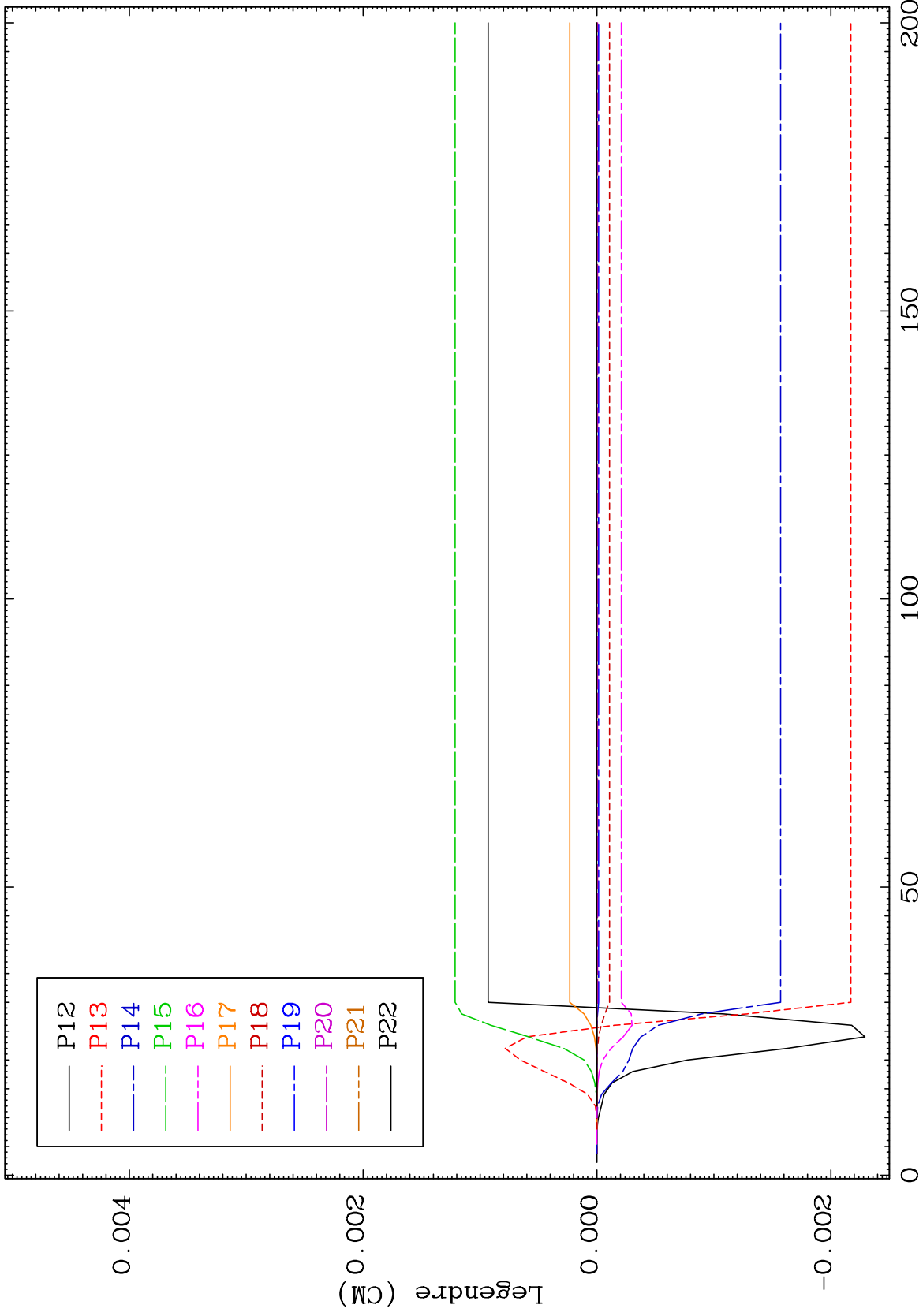
466.2 keV (n,n') Level
Legendre Coefficients

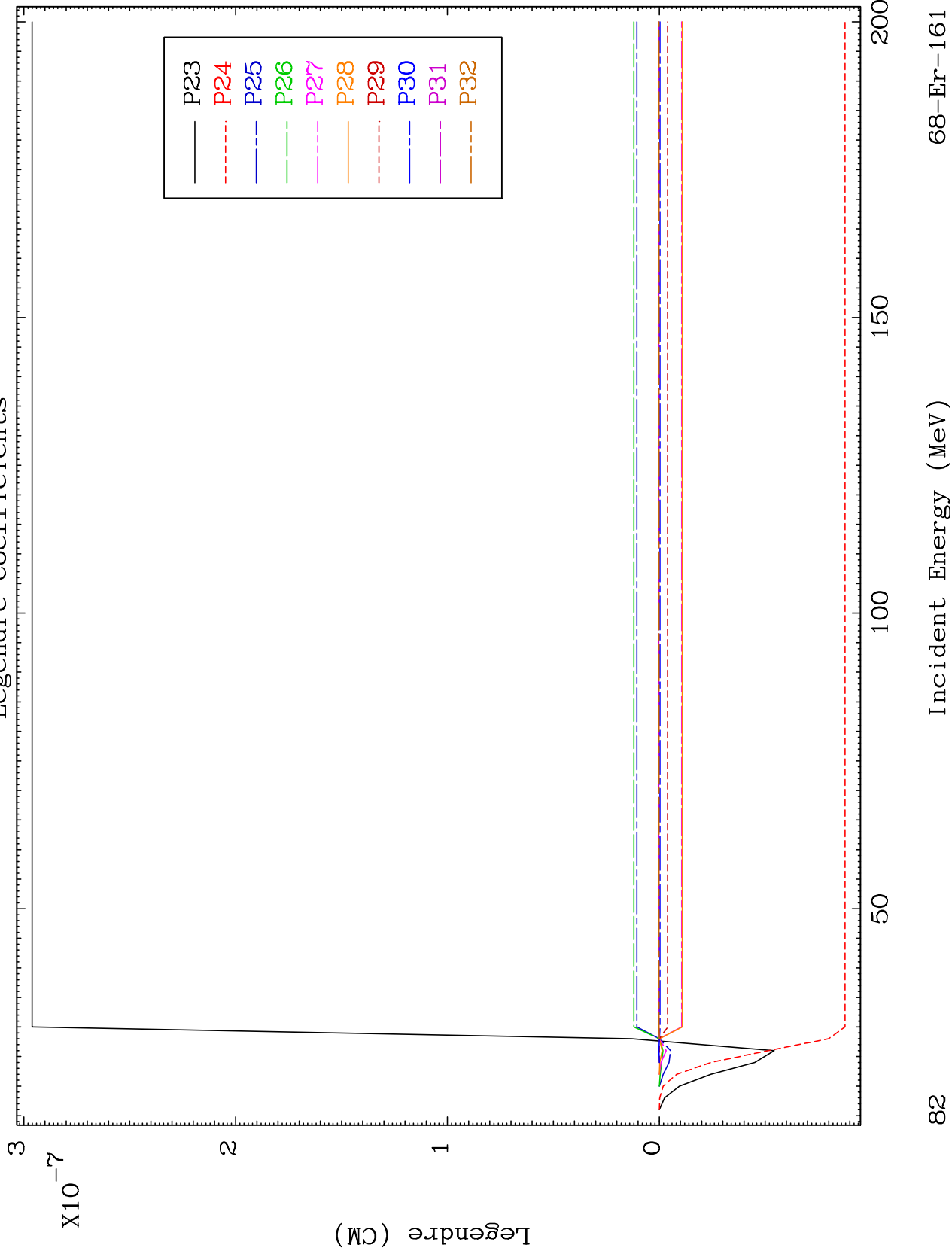
68-Er-161

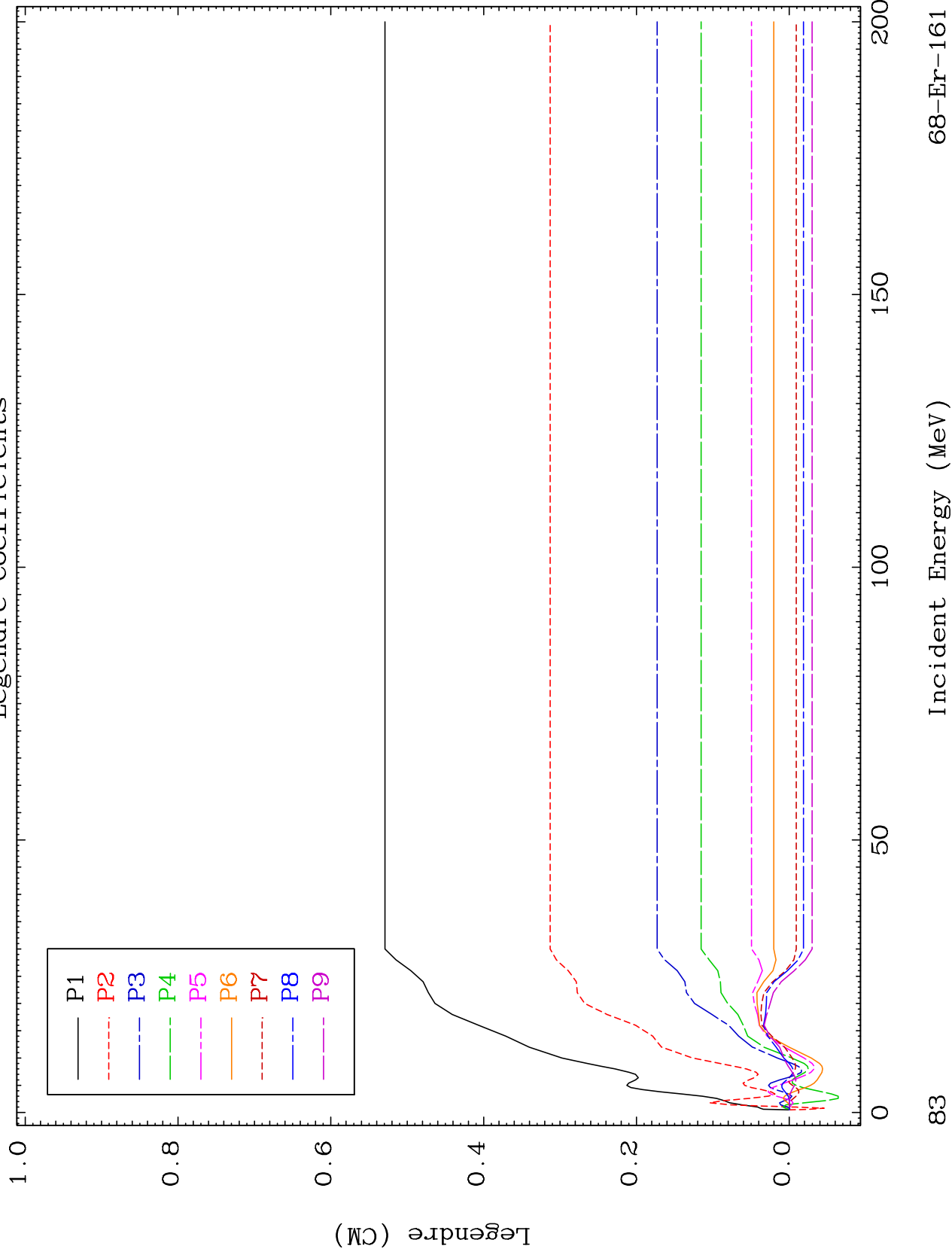


68-Er-161

Incident Energy (MeV)



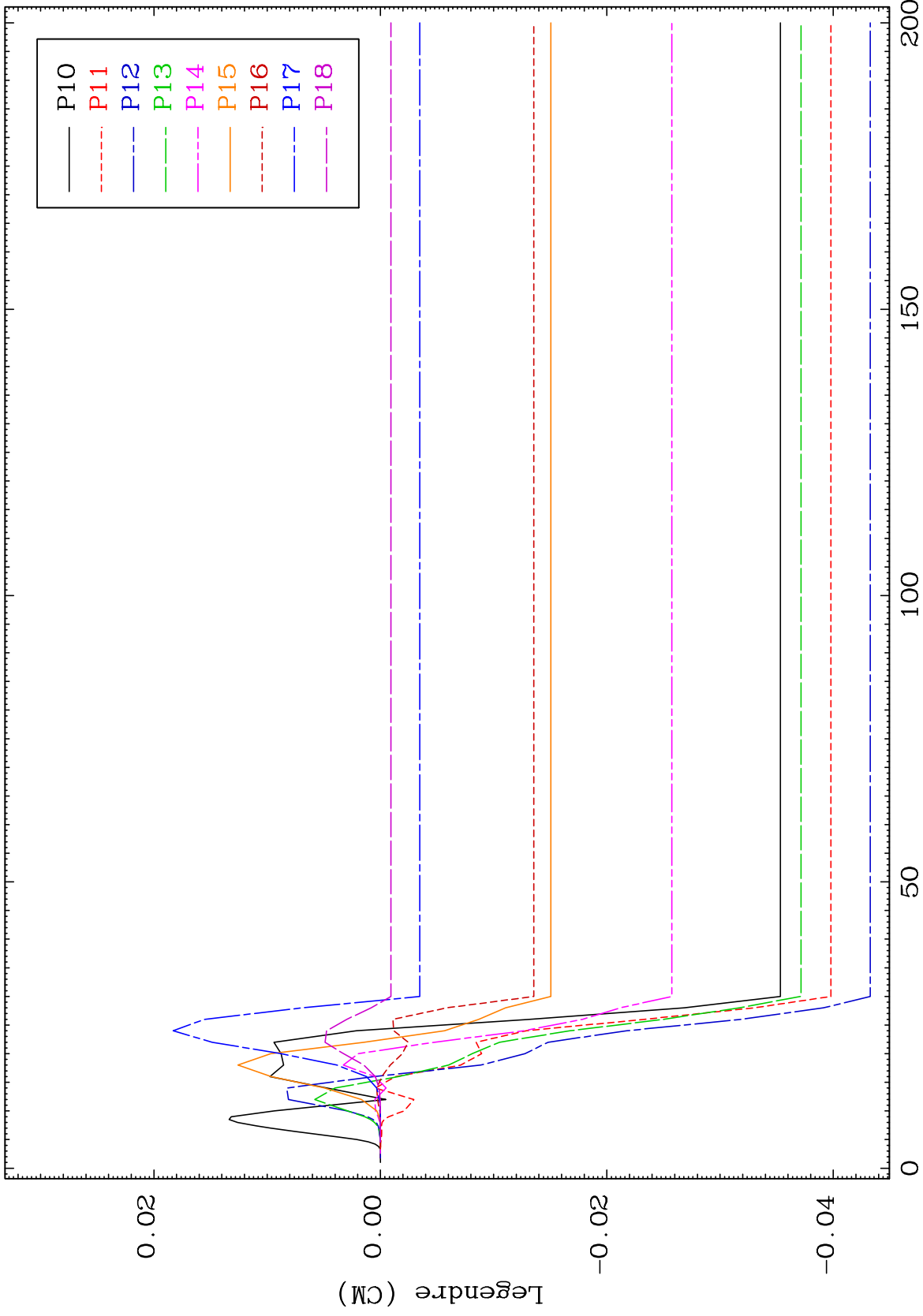




MAT 68222

481.0 keV (n,n') Level
Legendre Coefficients

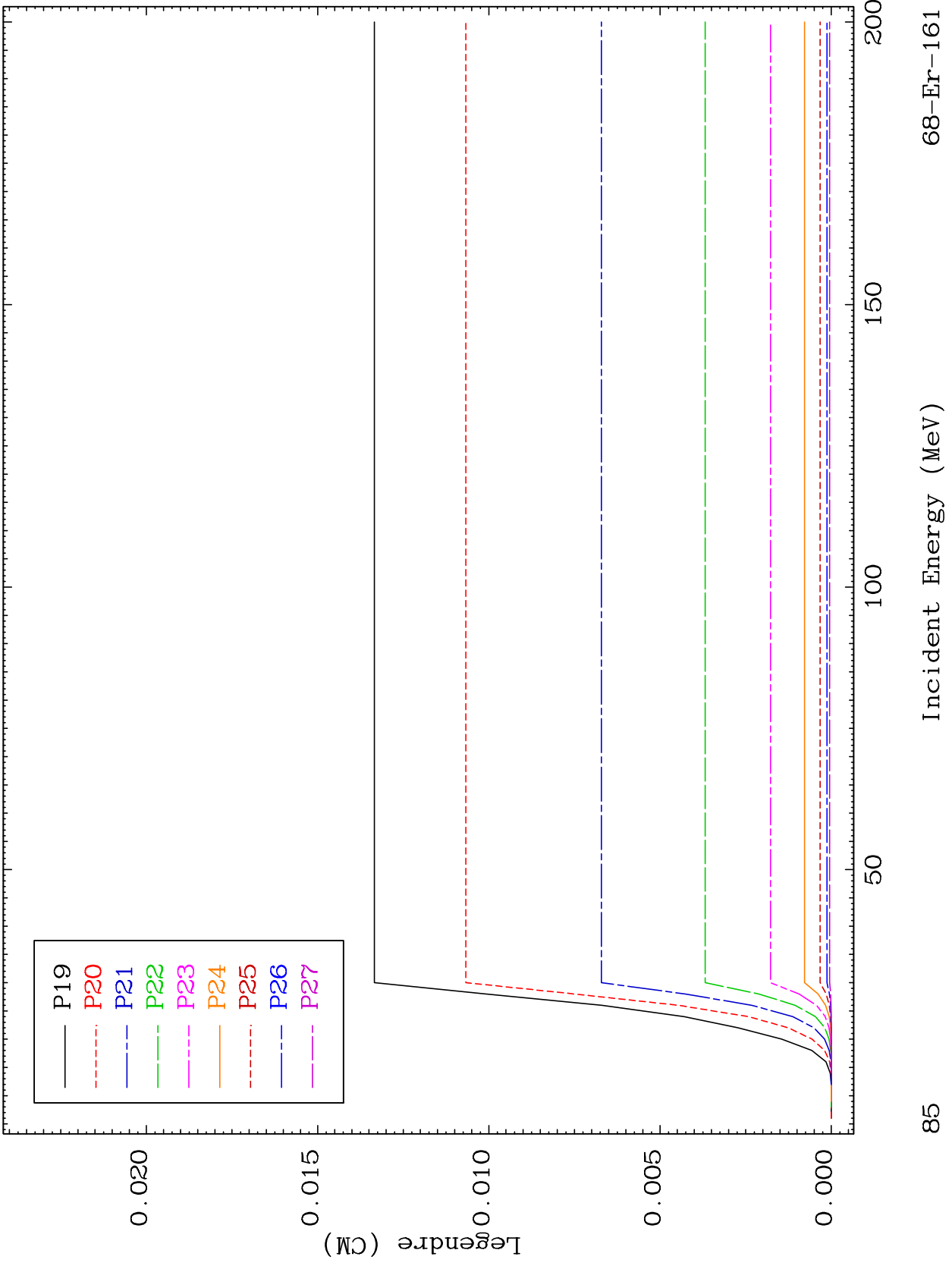
68-Er-161



84

Incident Energy (MeV)

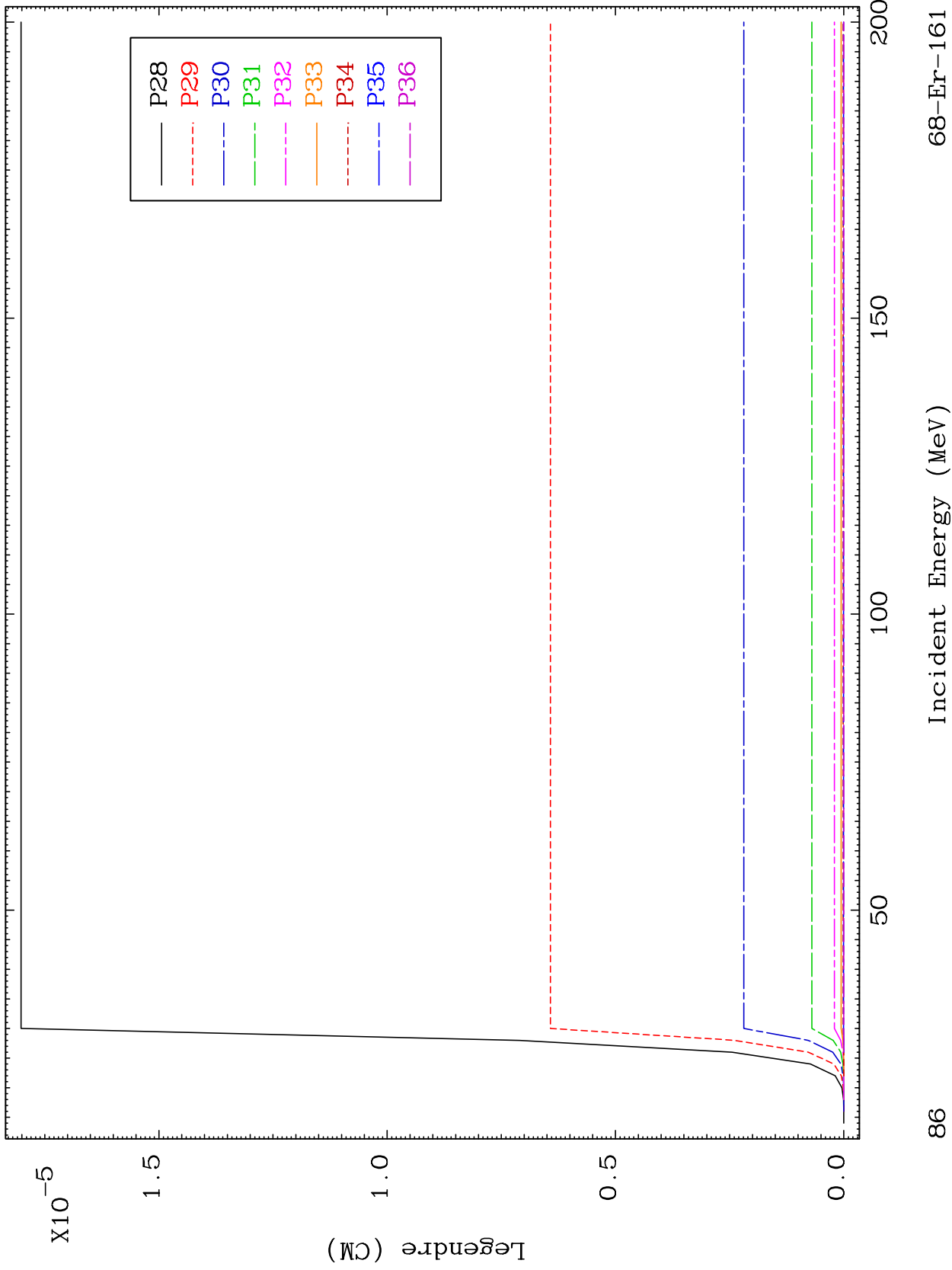
68-Er-161



MAT 6822

481.0 keV (n,n') Level
Legendre Coefficients

68-Er-161



86

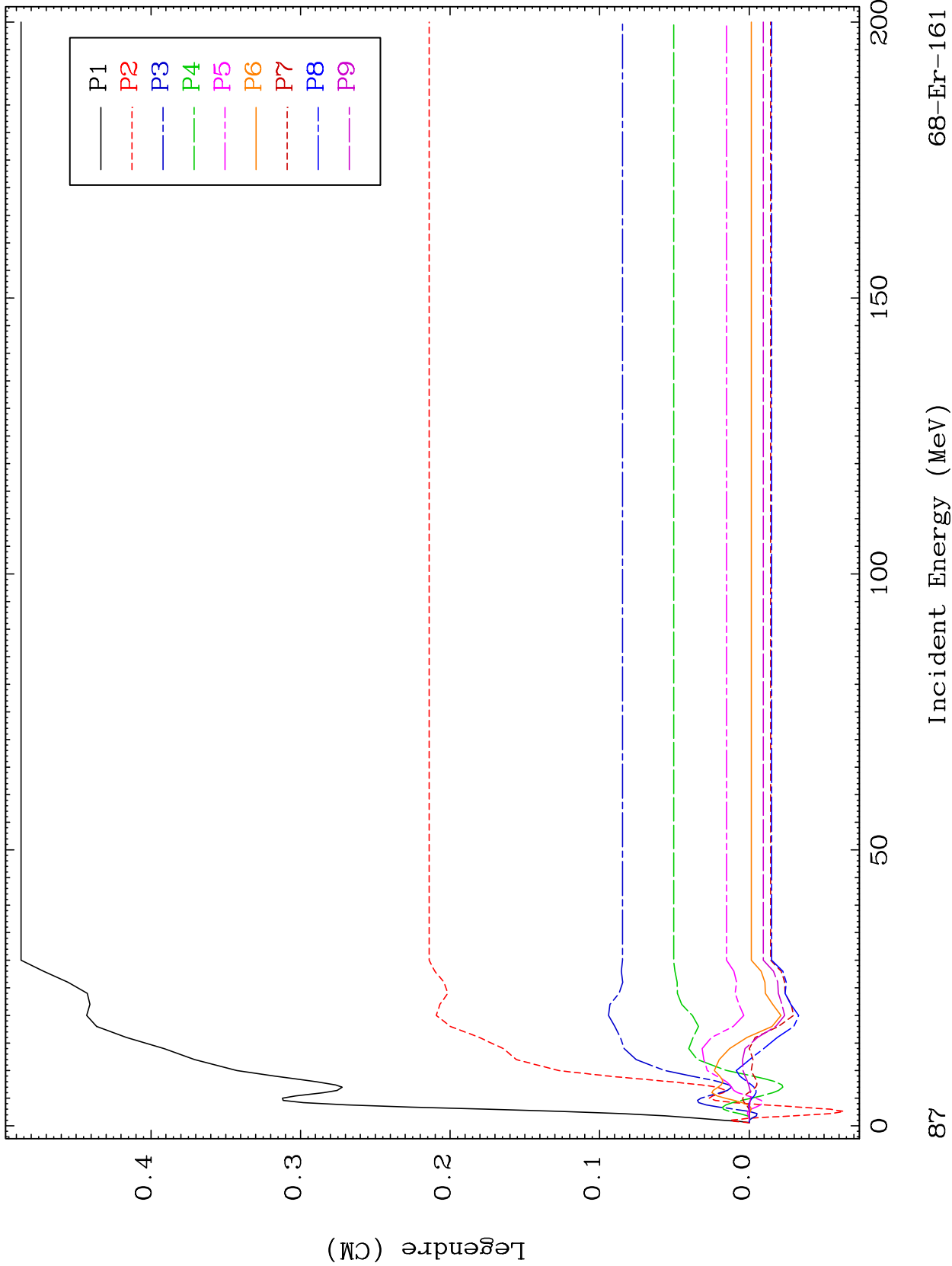
Incident Energy (MeV)

68-Er-161

MAT 68222

496.3 keV (n,n') Level
Legendre Coefficients

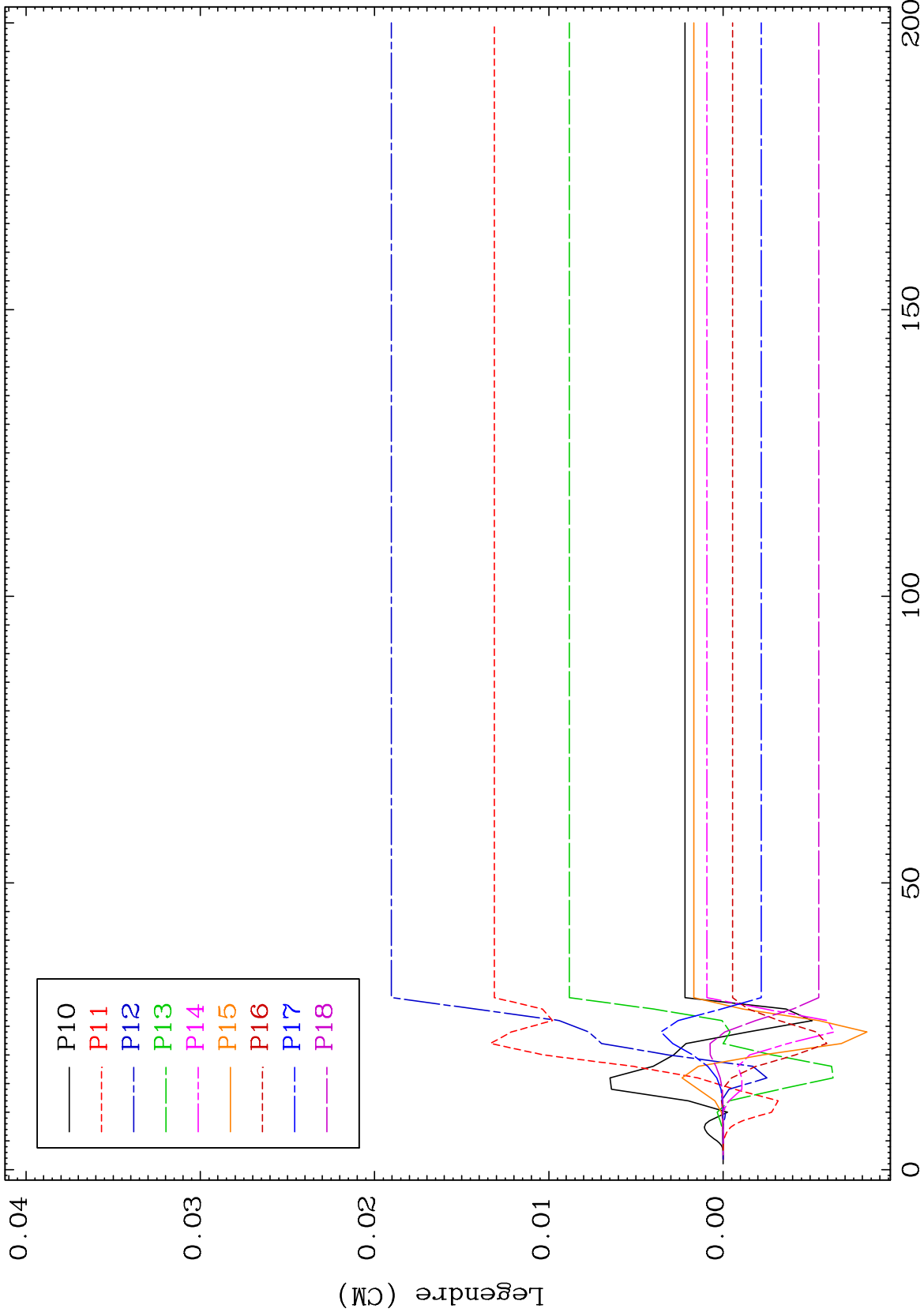
68-Er-161



68-Er-161

Incident Energy (MeV)

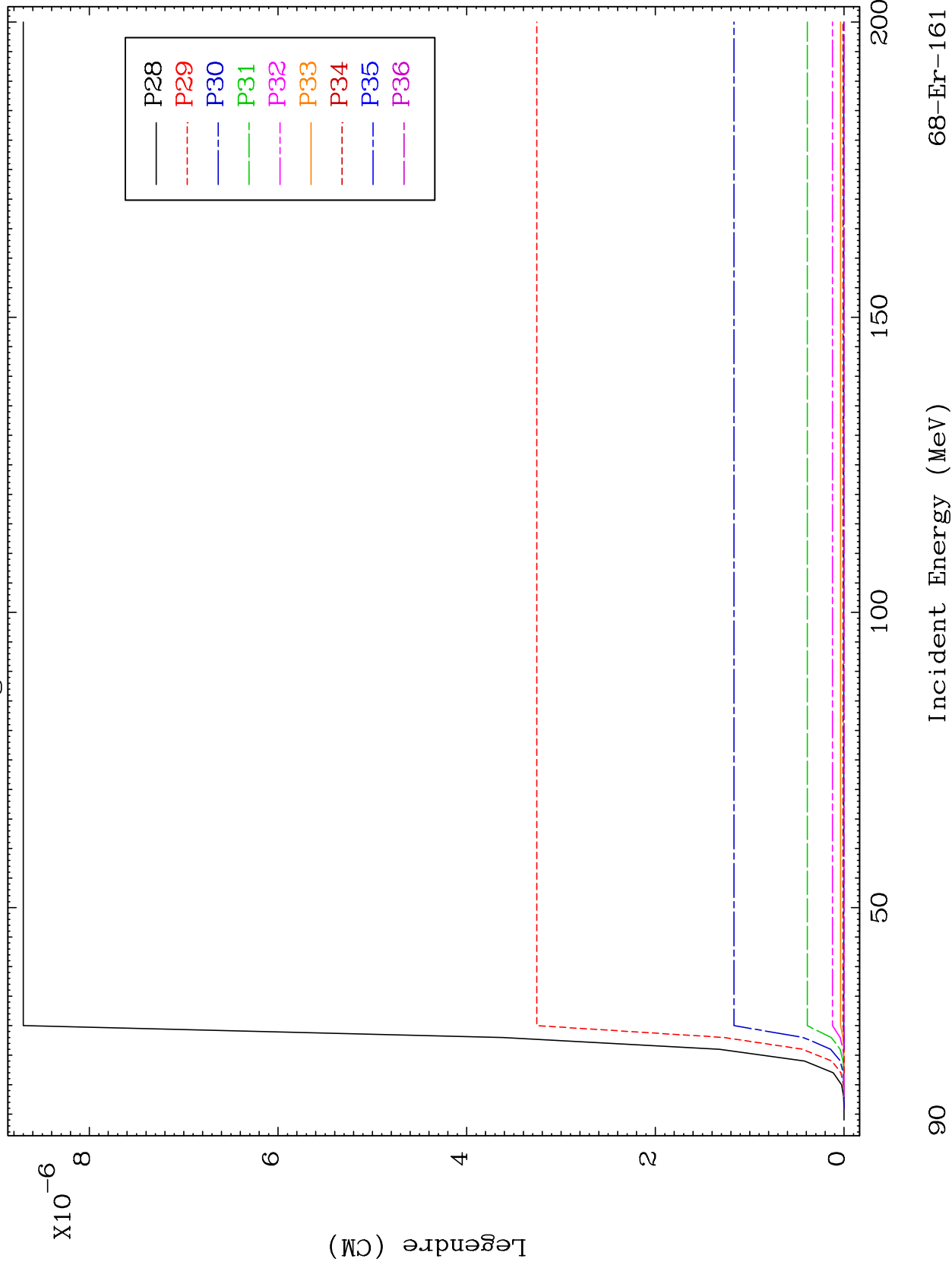
87



MAT 6822

496.3 keV (n,n') Level
Legendre Coefficients

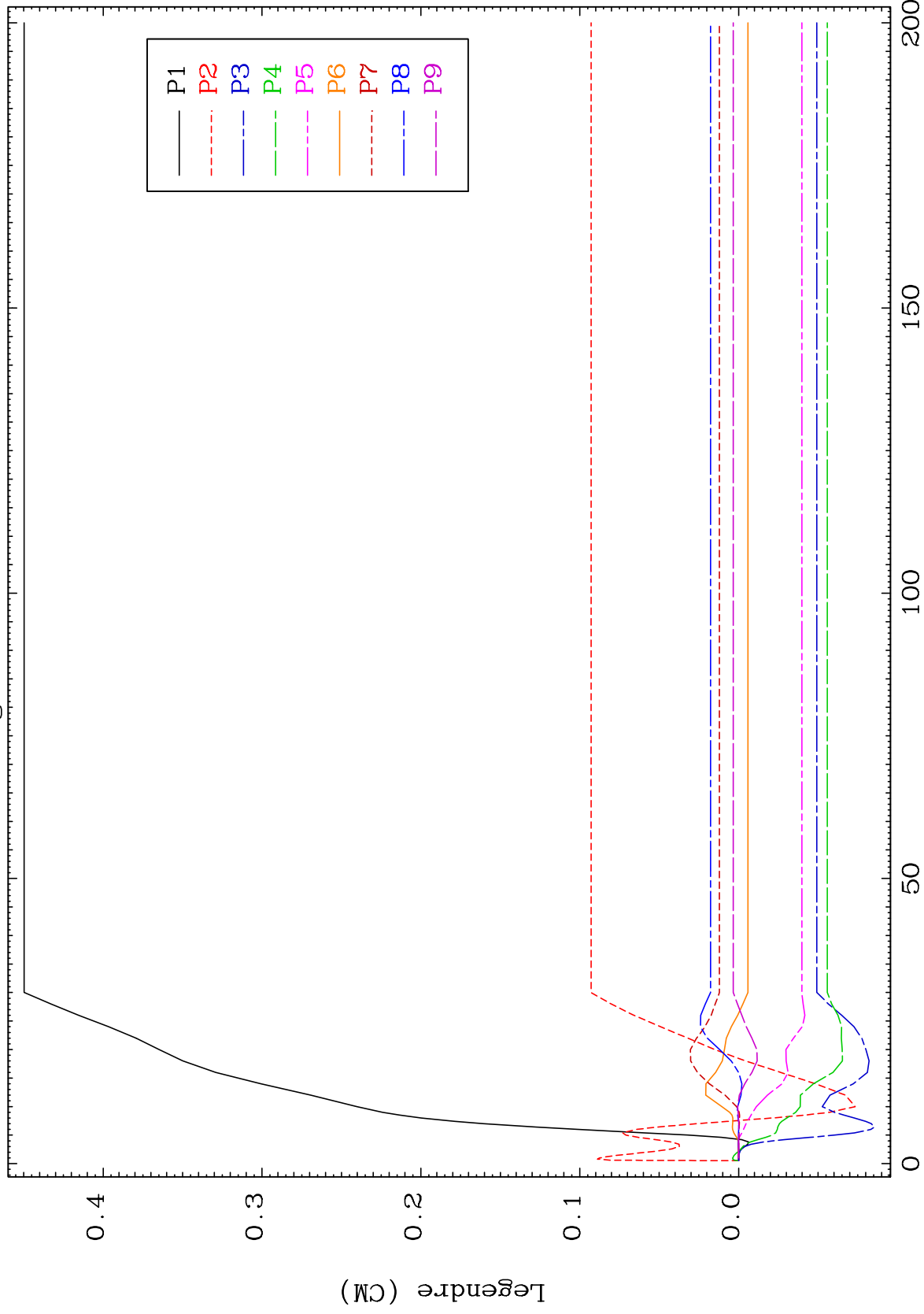
68-Er-161



MAT 6822

508.8 keV (n,n') Level
Legendre Coefficients

68-Er-161



91

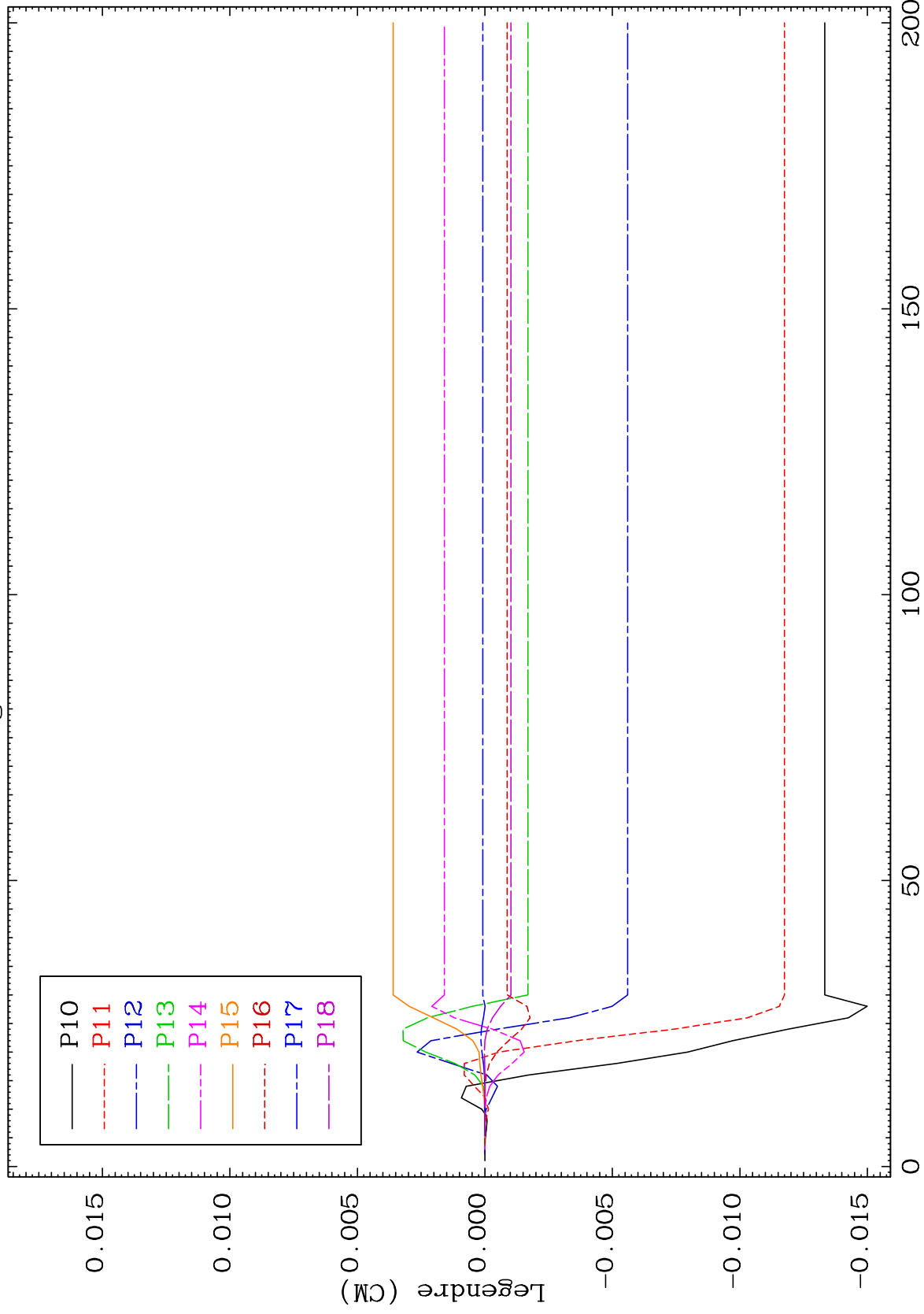
Incident Energy (MeV)

68-Er-161

MAT 68222

508.8 keV (n,n') Level
Legendre Coefficients

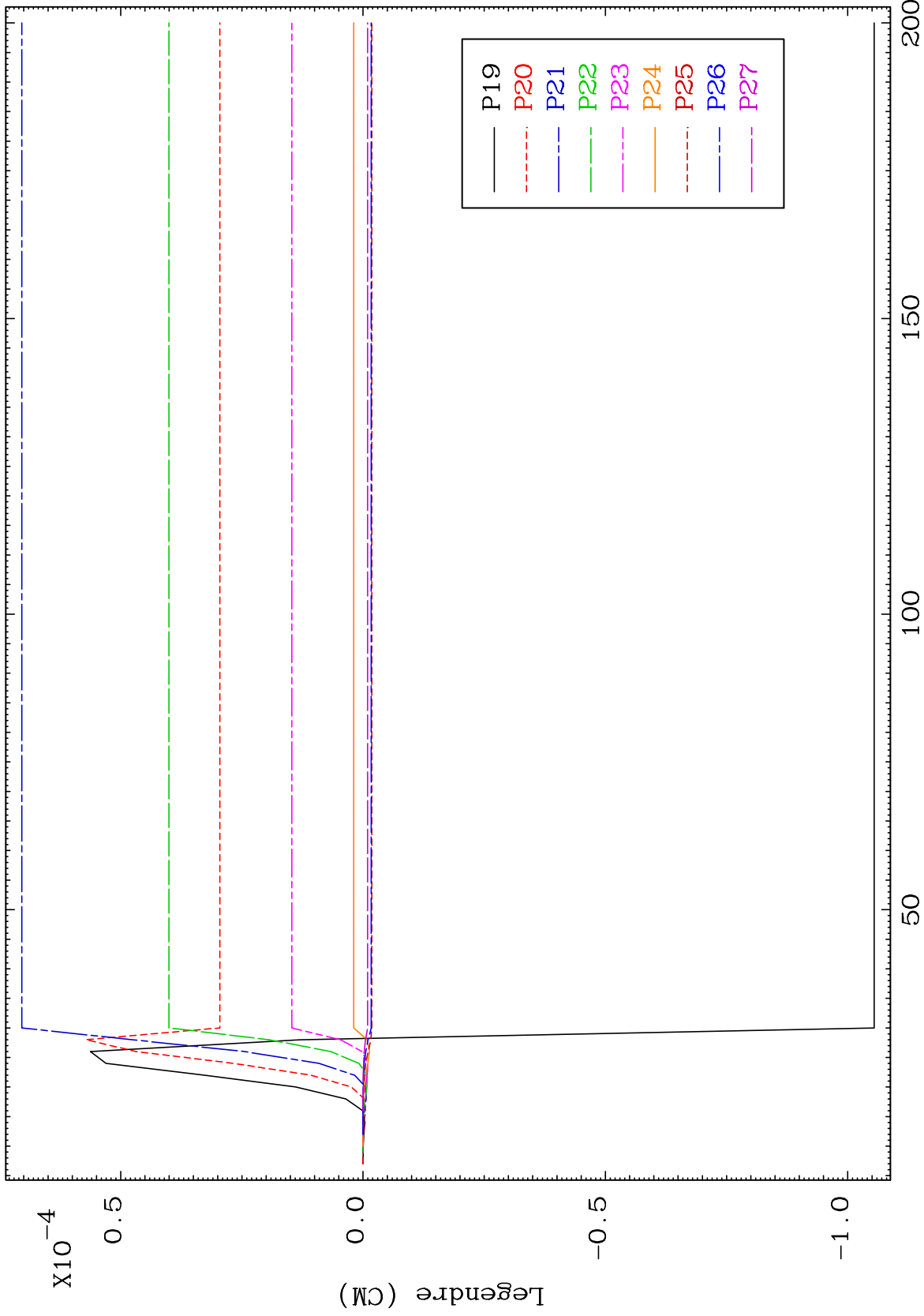
68-Er-161

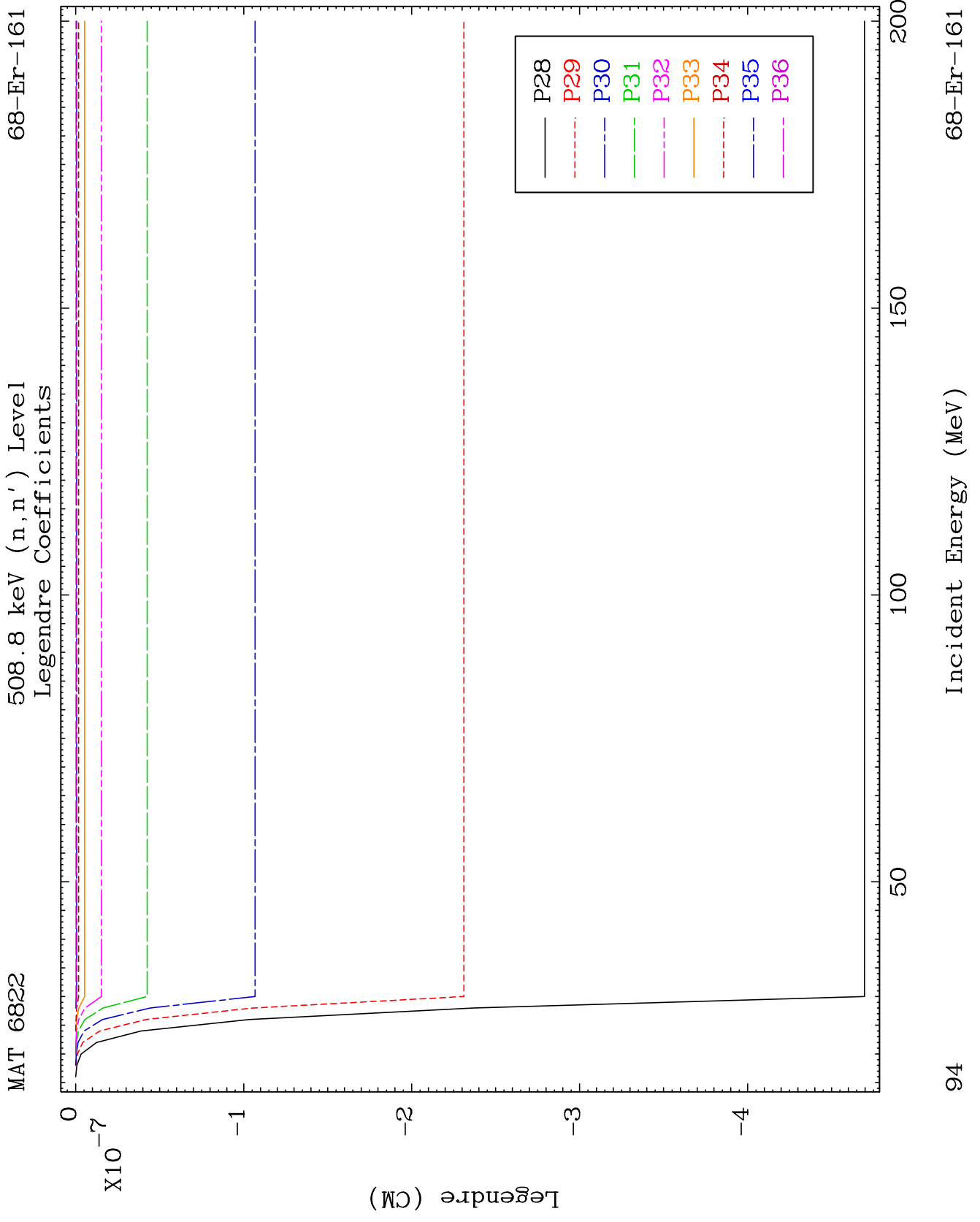


92

Incident Energy (MeV)

68-Er-161

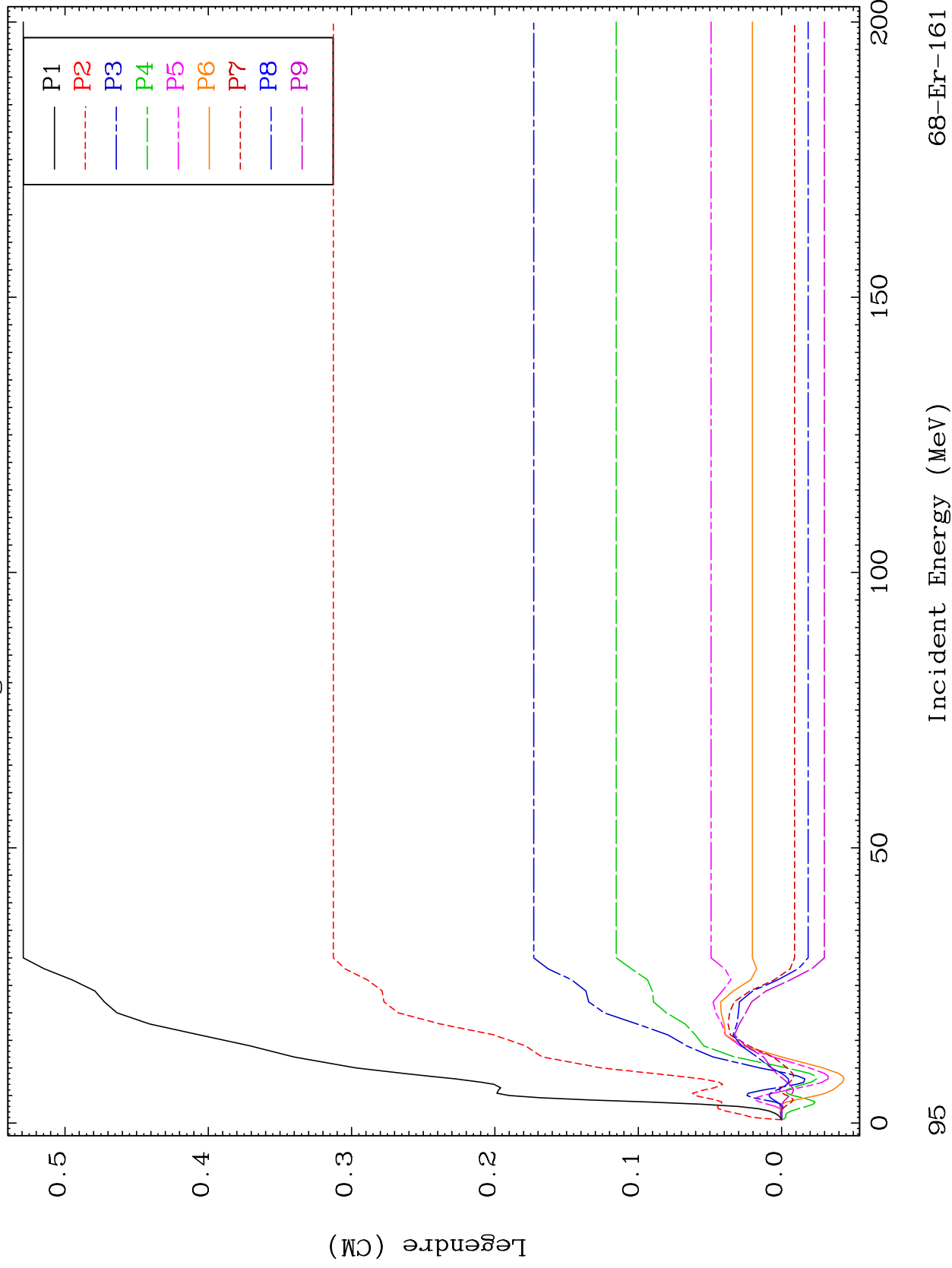




MAT 68222

522.0 keV (n,n') Level
Legendre Coefficients

68-Er-161



68-Er-161

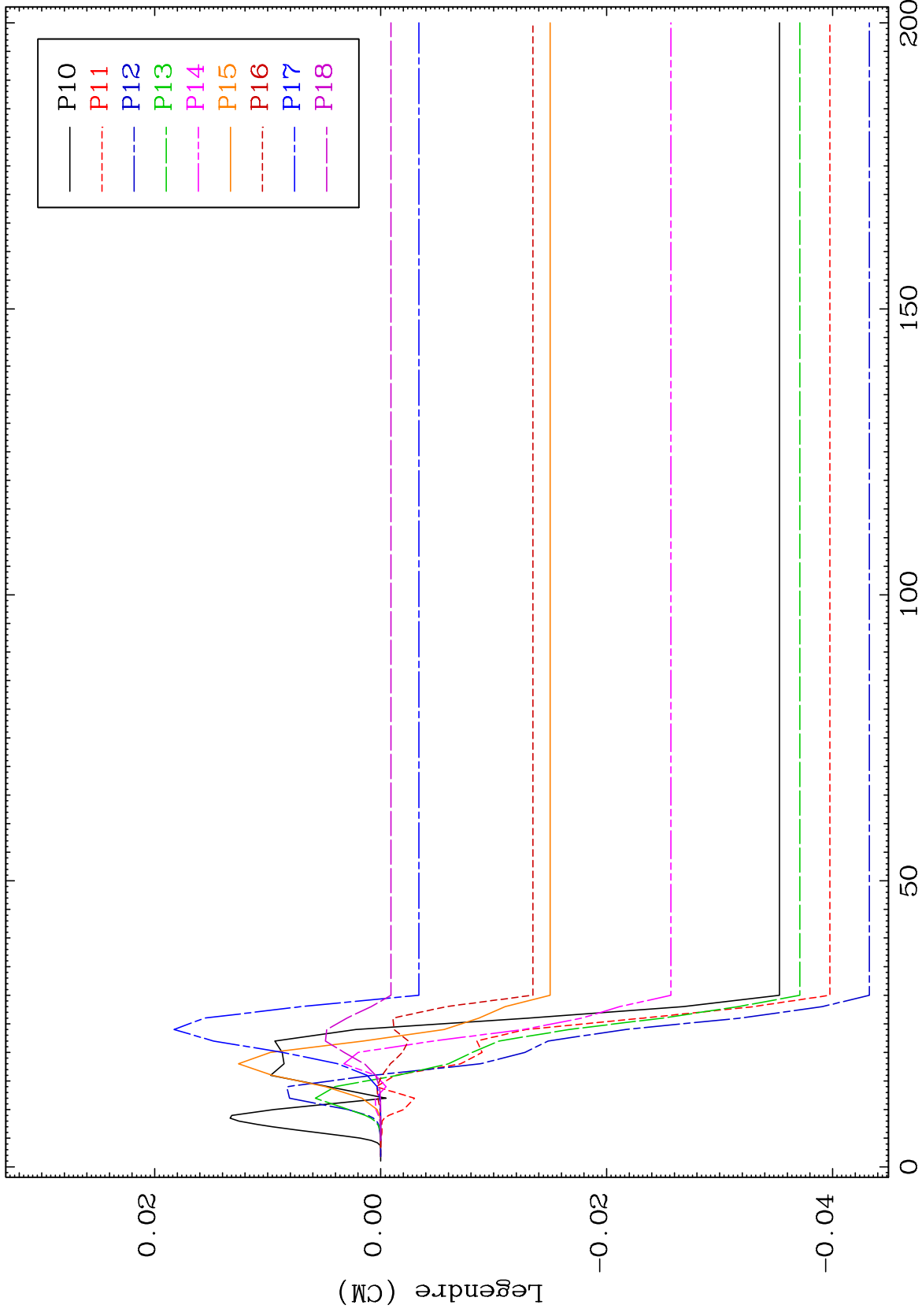
Incident Energy (MeV)

95

MAT 6822

522.0 keV (n,n') Level
Legendre Coefficients

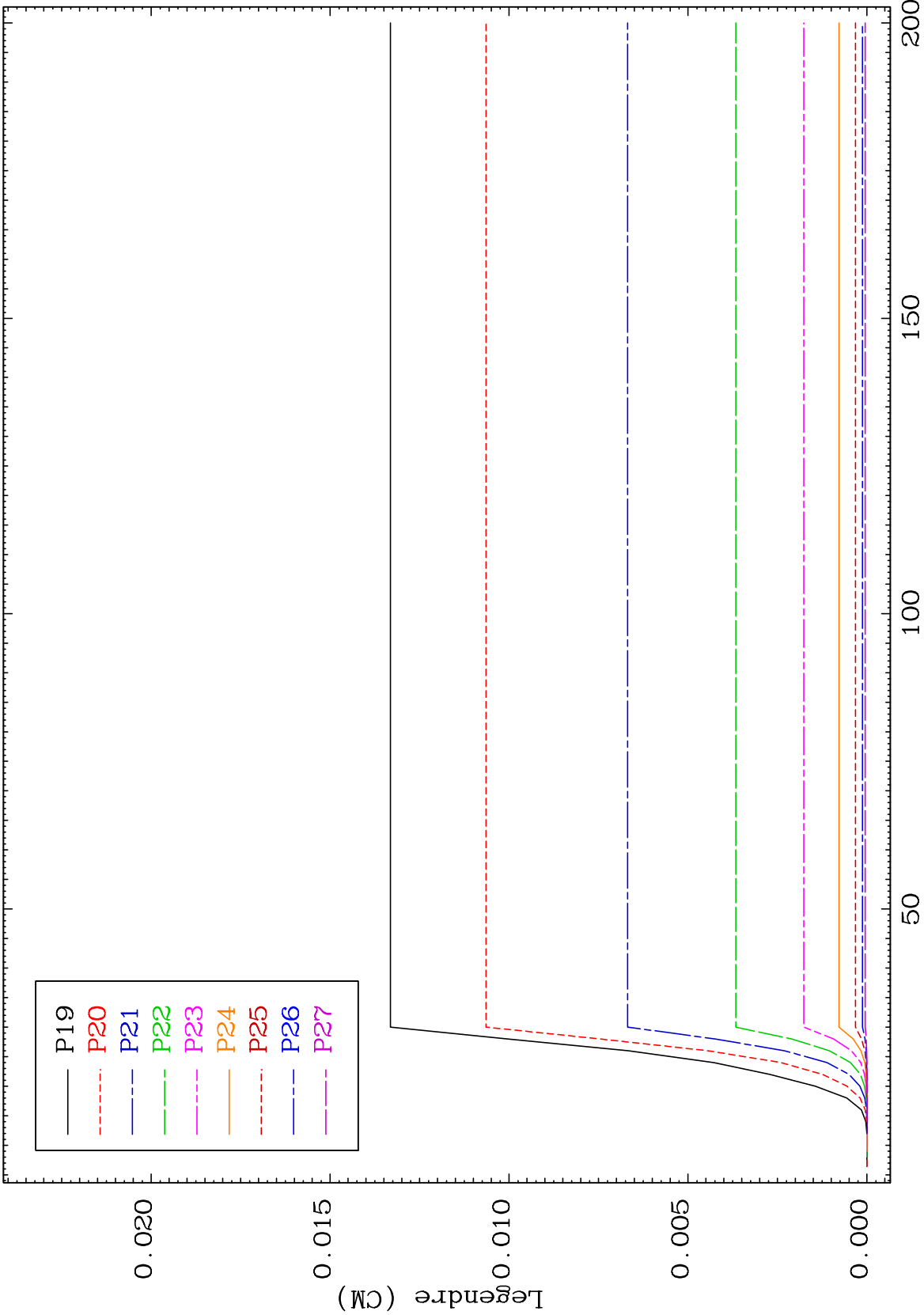
68-Er-161



96

Incident Energy (MeV)

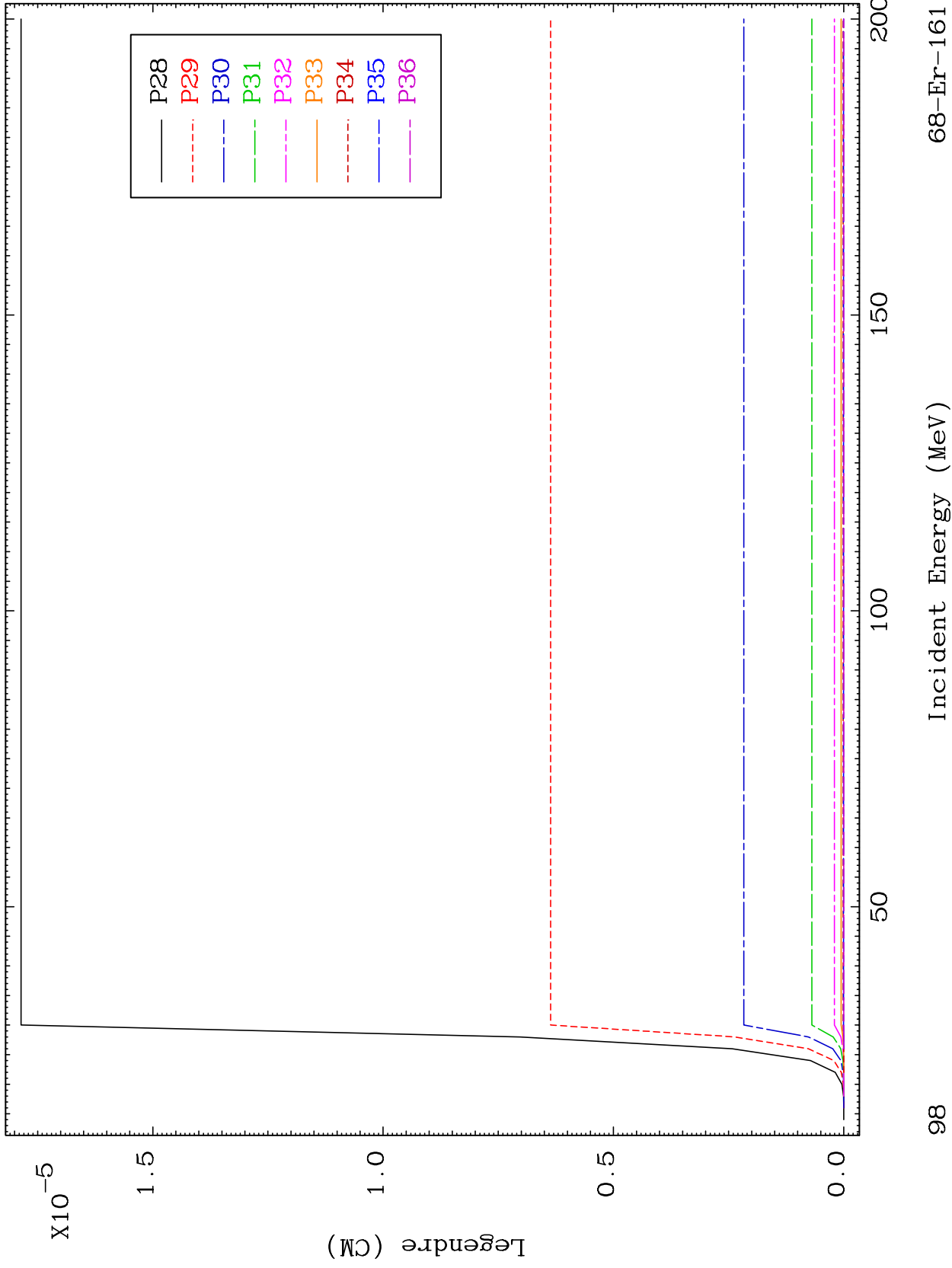
68-Er-161

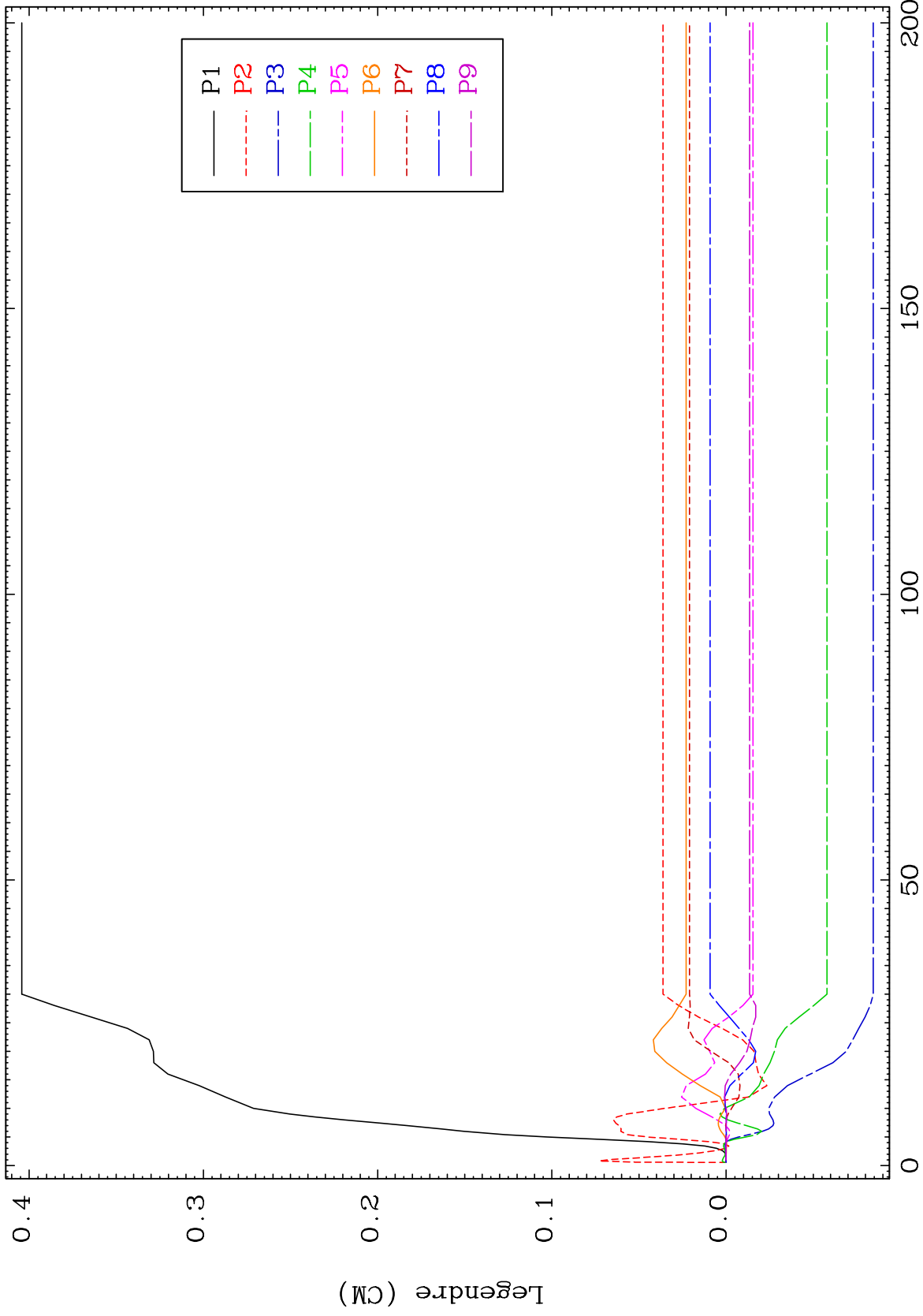


MAT 6822

522.0 keV (n,n') Level
Legendre Coefficients

68-Er-161

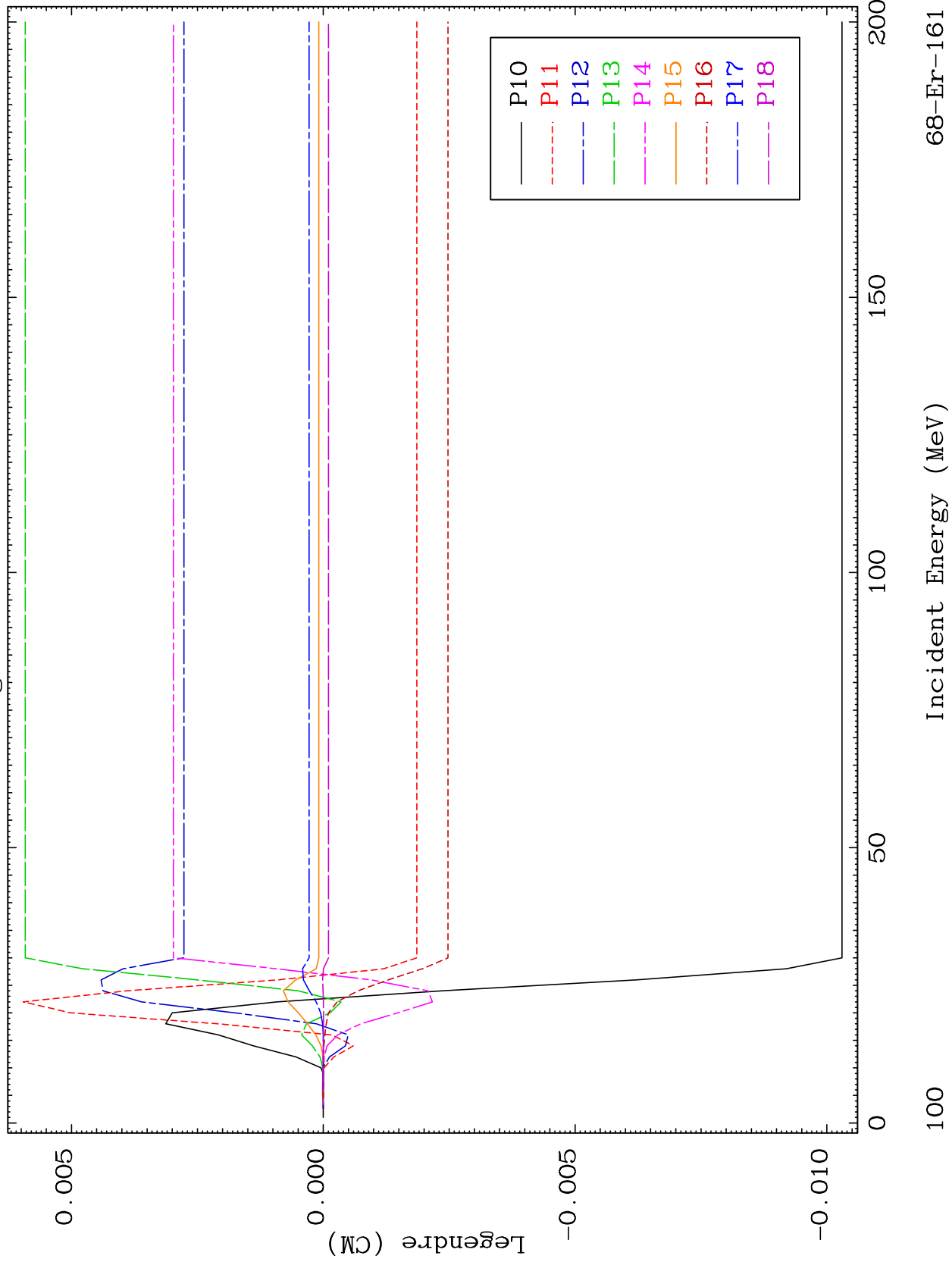




MAT 68222

531.1 keV (n,n') Level
Legendre Coefficients

68-Er-161



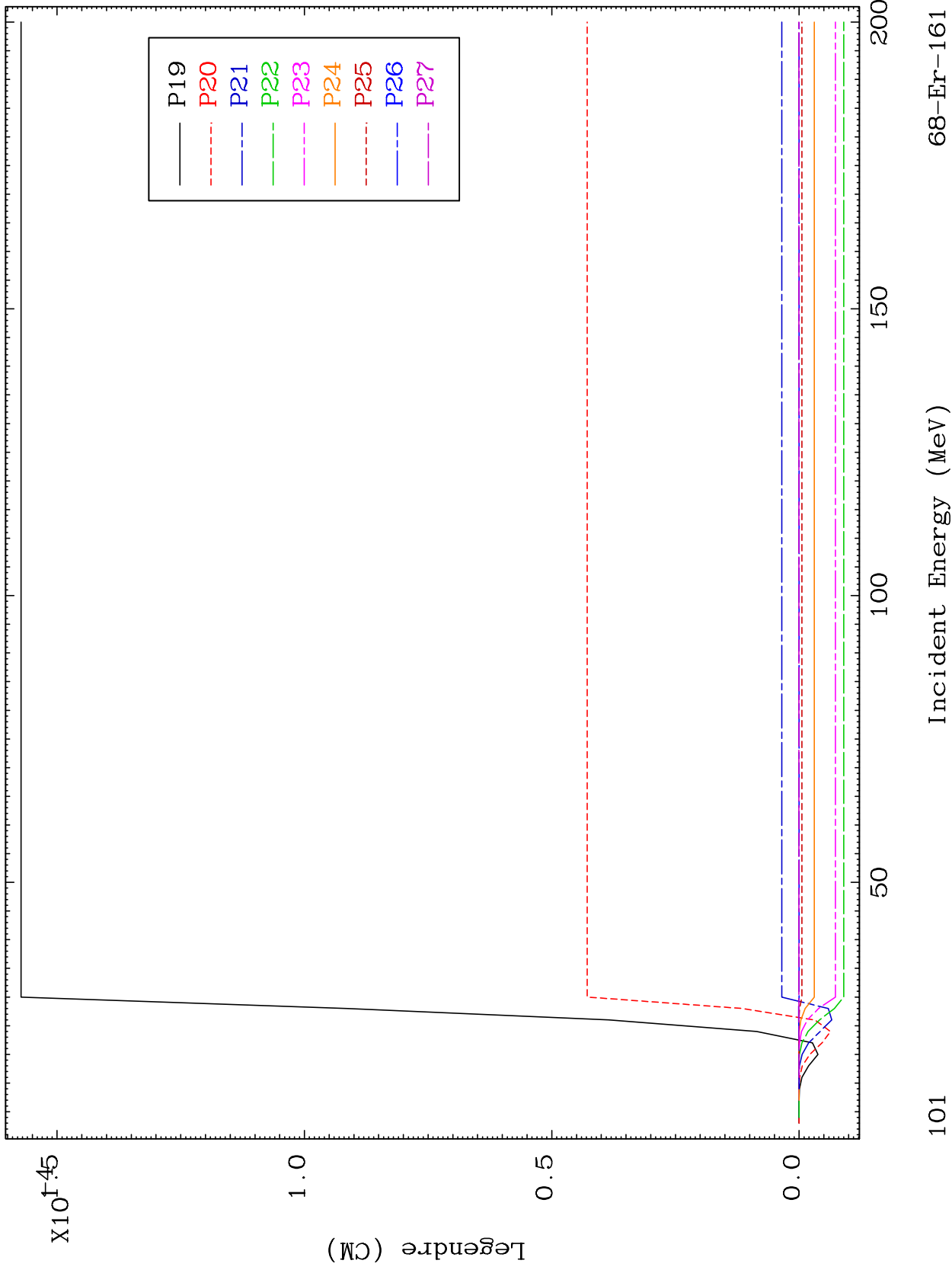
68-Er-161

Incident Energy (MeV)

MAT 68222

531.1 keV (n,n') Level
Legendre Coefficients

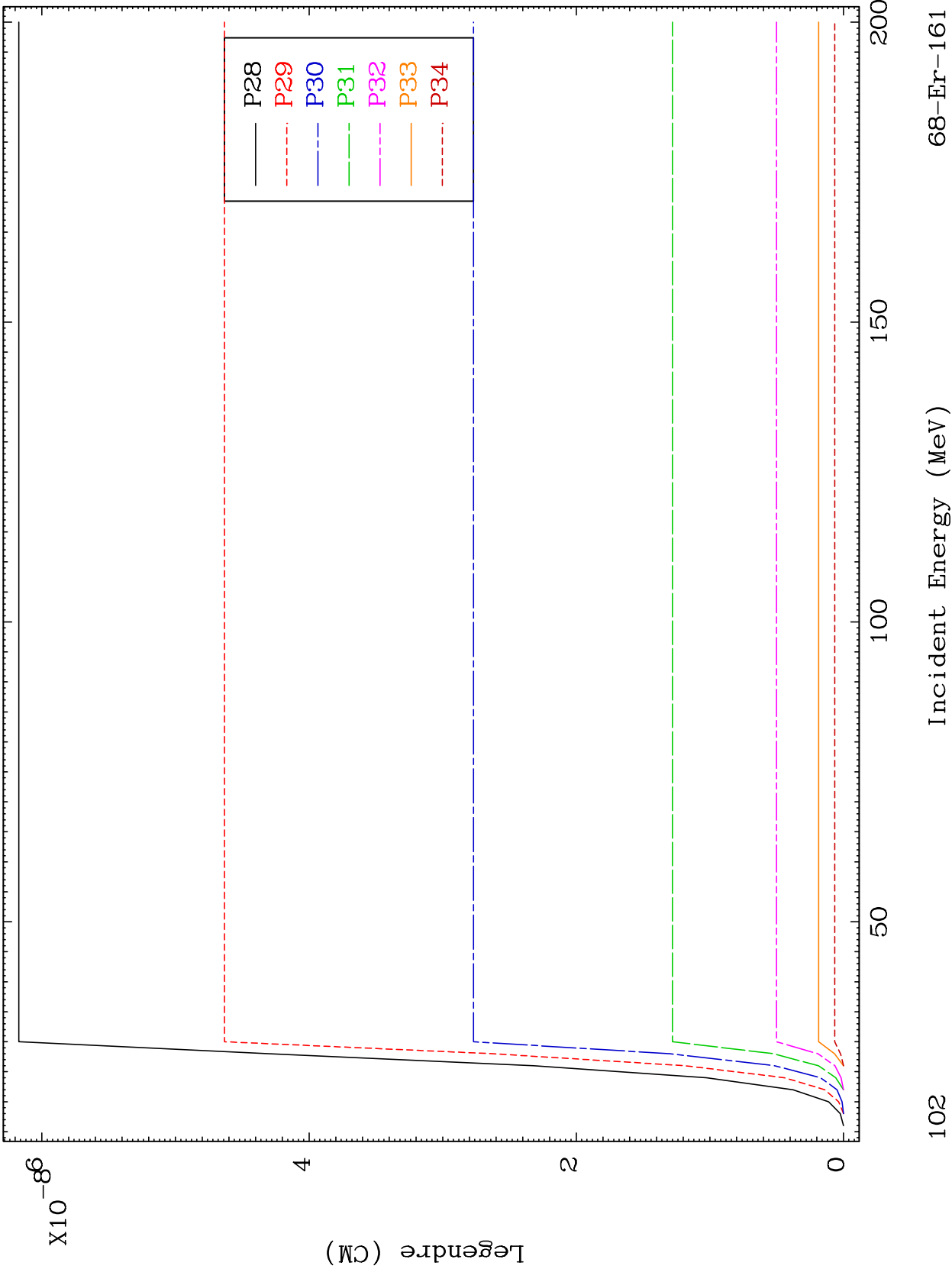
68-Er-161



MAT 6822

531.1 keV (n,n') Level
Legendre Coefficients

68-Er-161



102

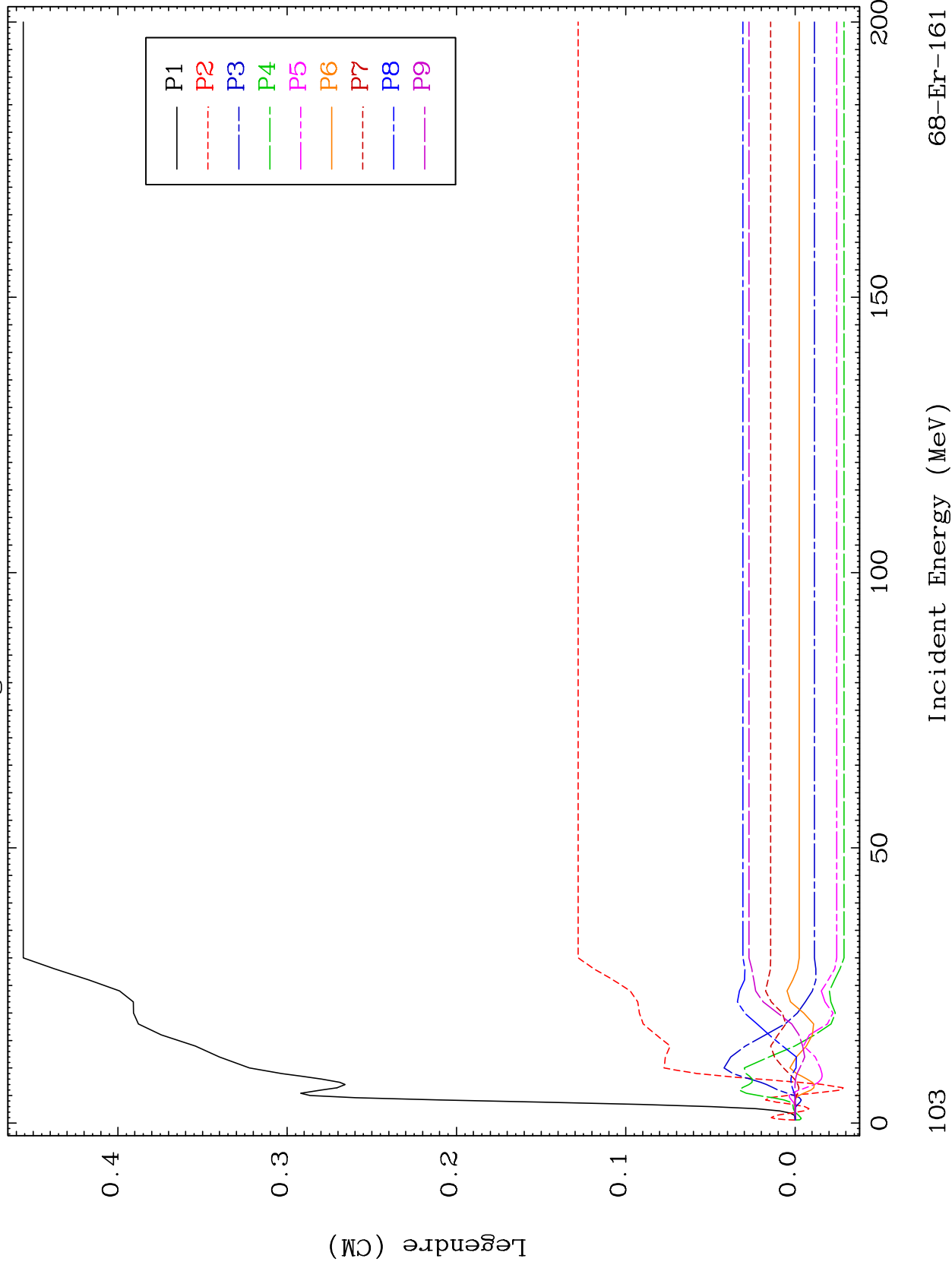
Incident Energy (MeV)

68-Er-161

MAT 6822

540.0 keV (n,n') Level
Legendre Coefficients

68-Er-161



68-Er-161

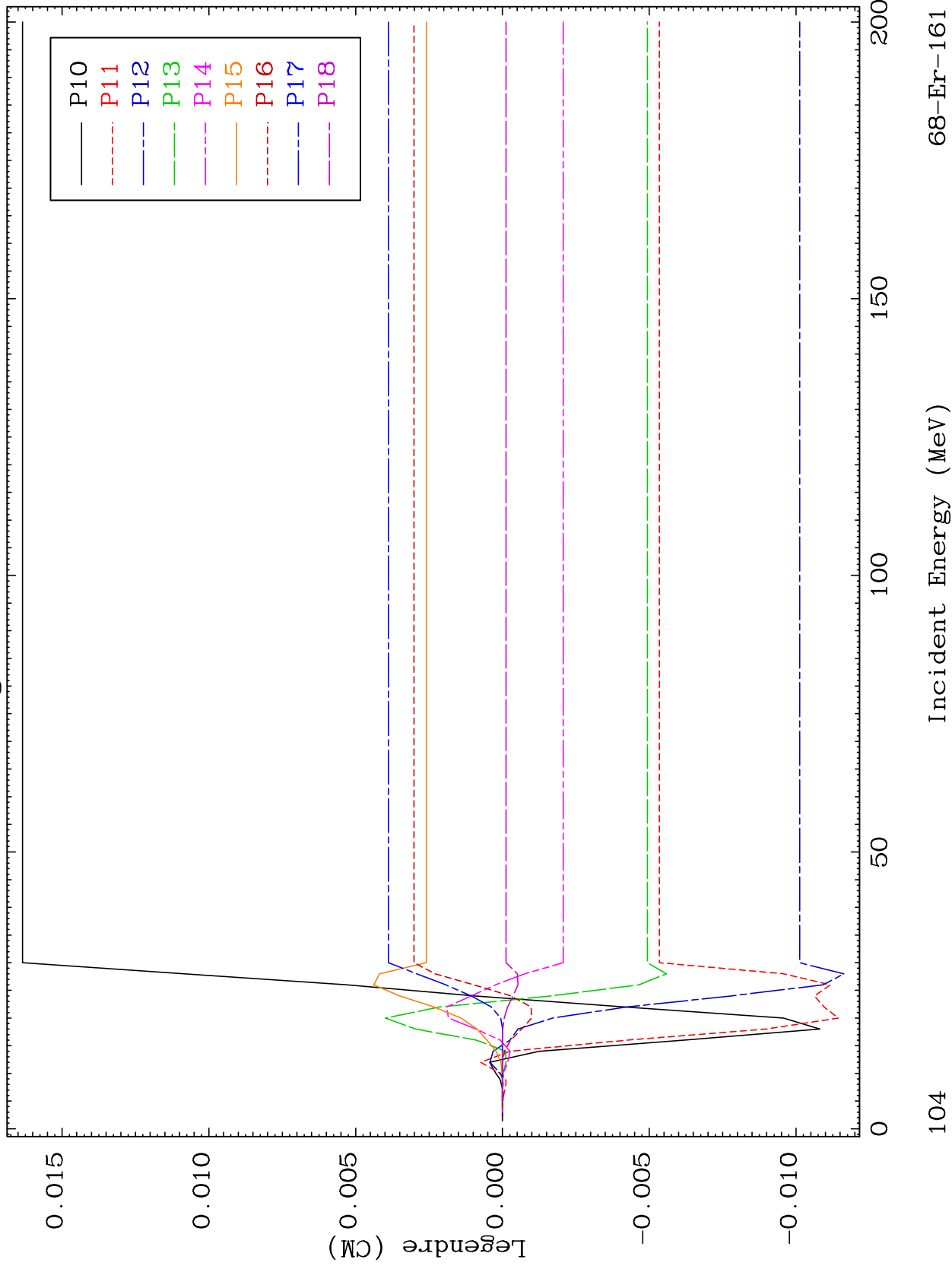
Incident Energy (MeV)

103

MAT 6822

540.0 keV (n,n') Level
Legendre Coefficients

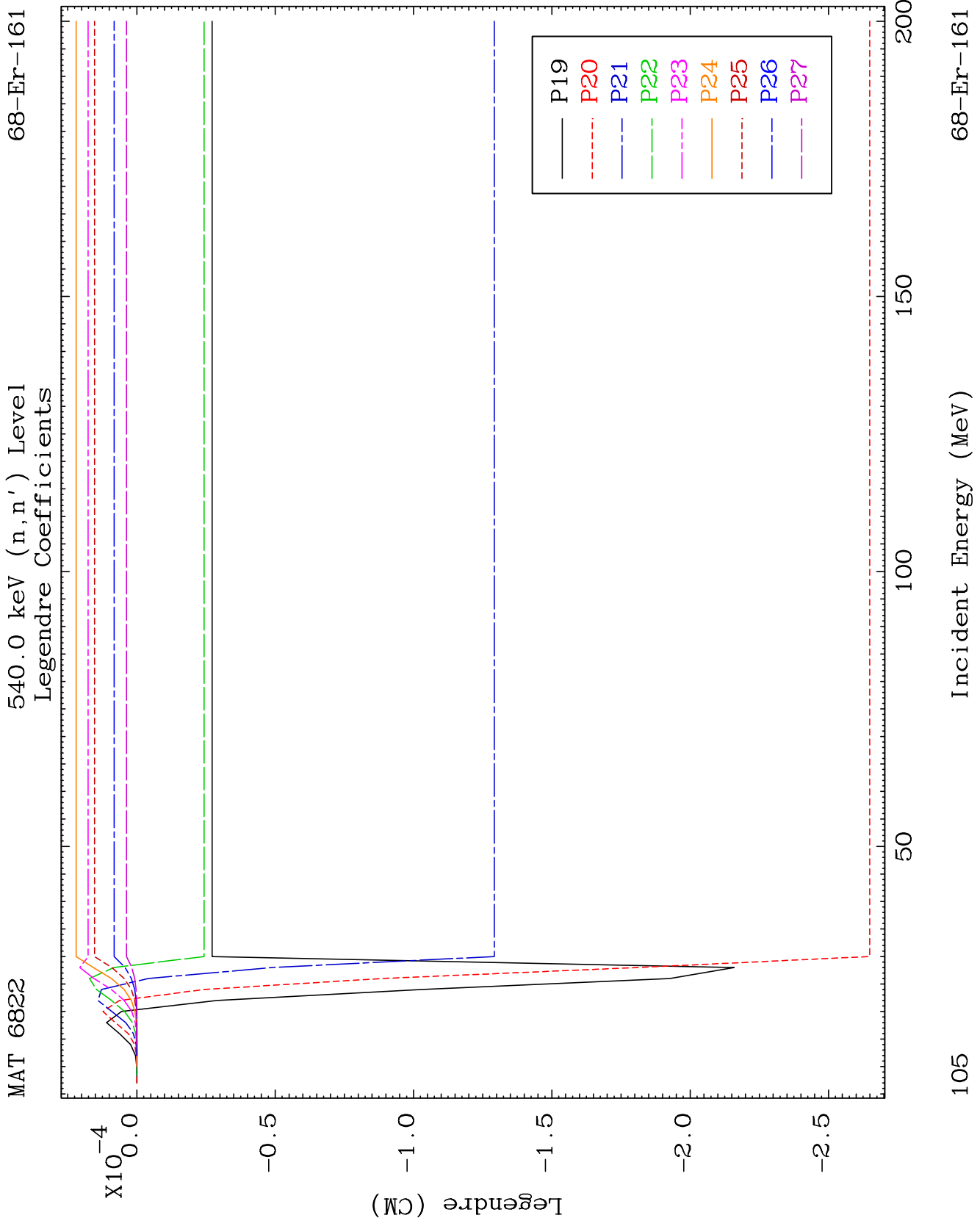
68-Er-161

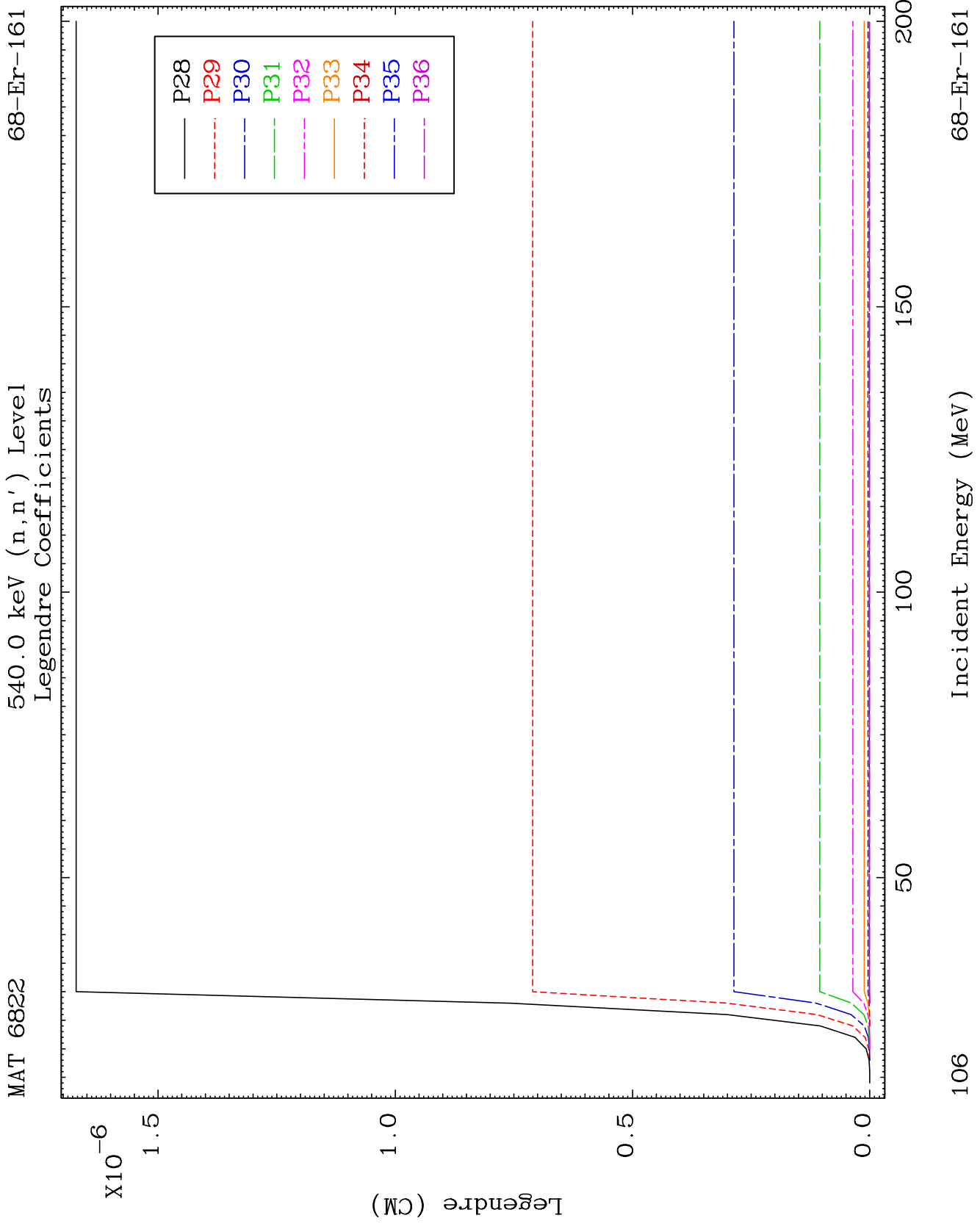


104

Incident Energy (MeV)

68-Er-161

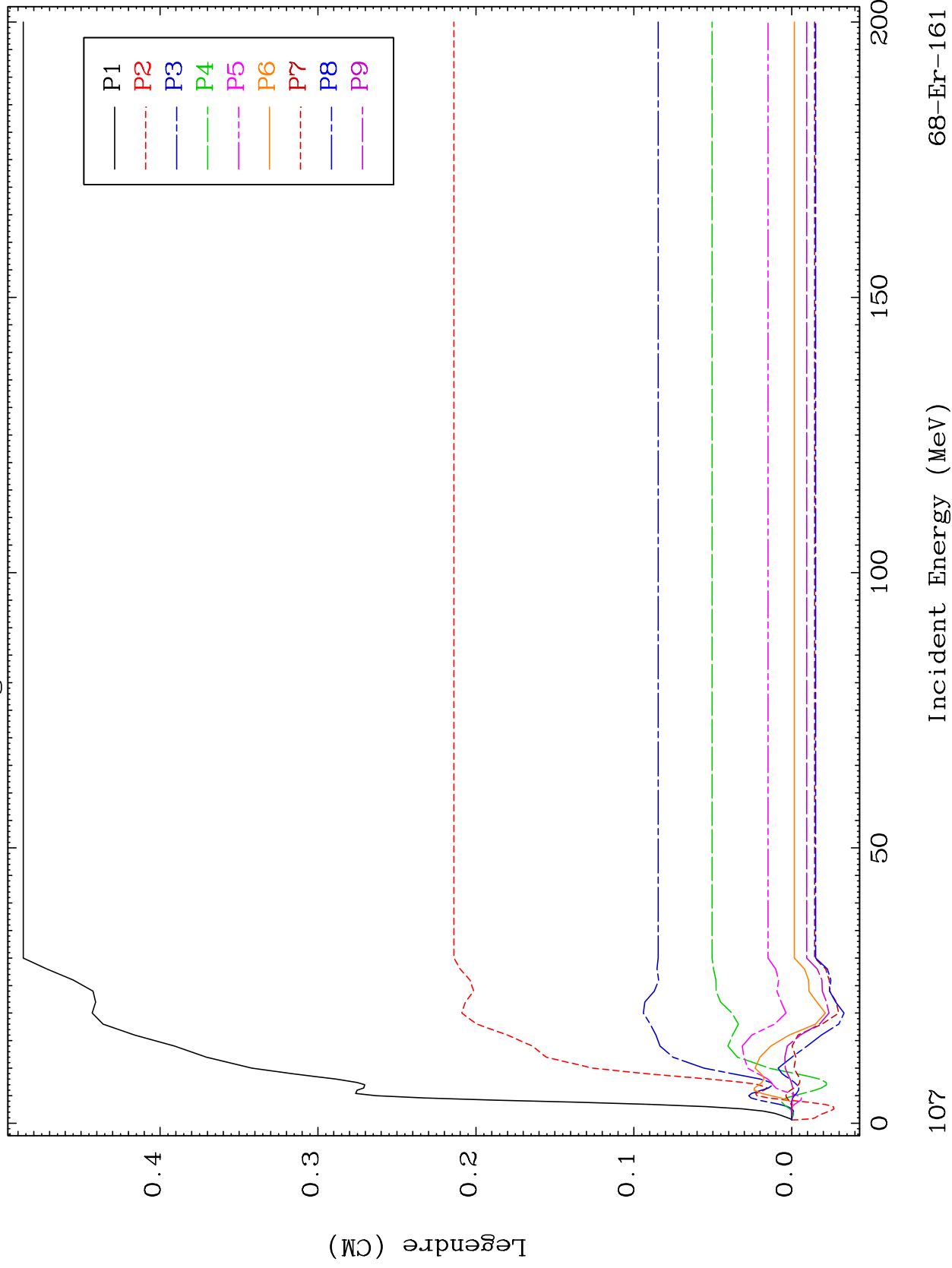




MAT 68222

563.0 keV (n,n') Level
Legendre Coefficients

68-Er-161



68-Er-161

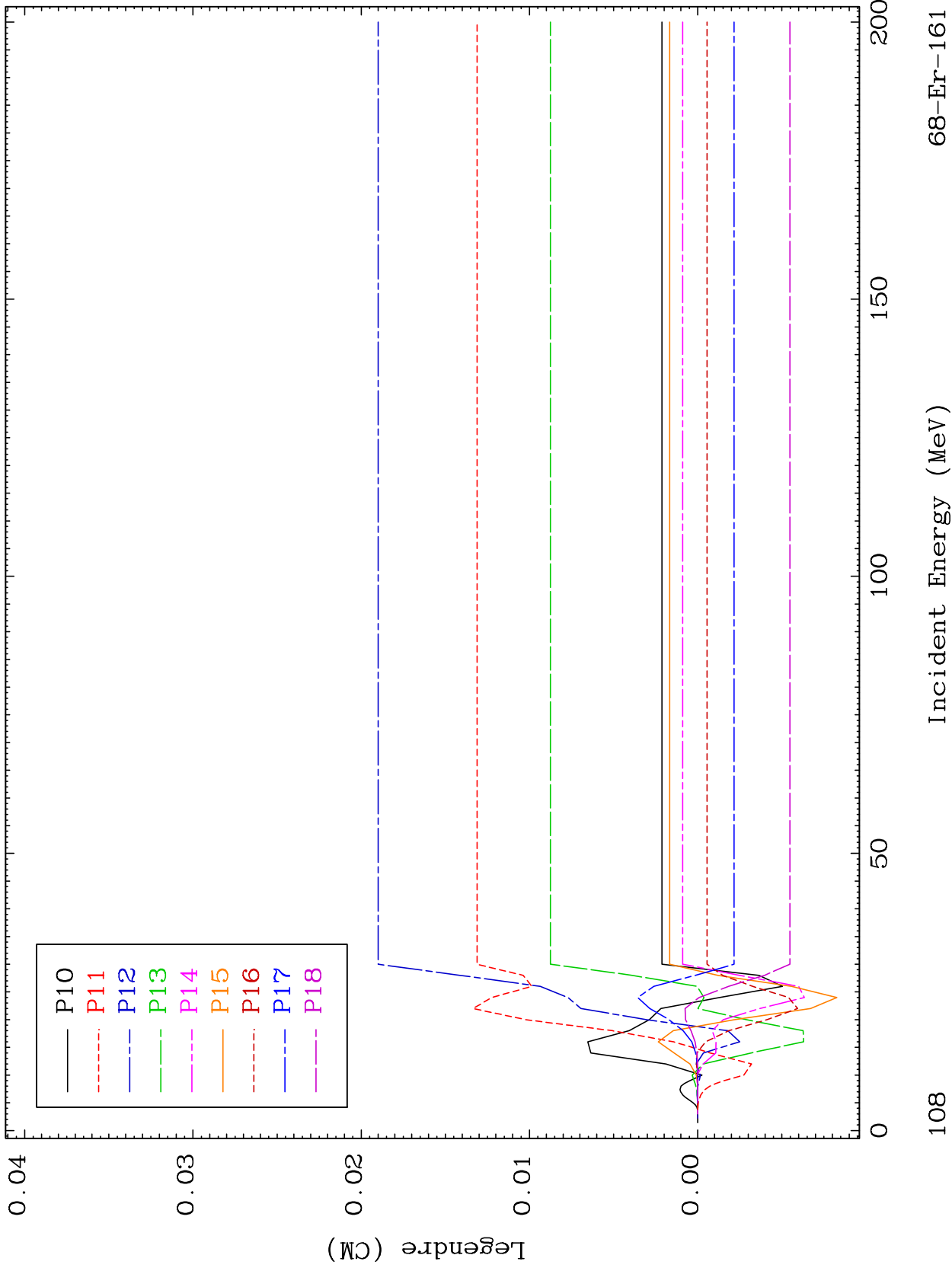
Incident Energy (MeV)

107

MAT 68222

563.0 keV (n,n') Level
Legendre Coefficients

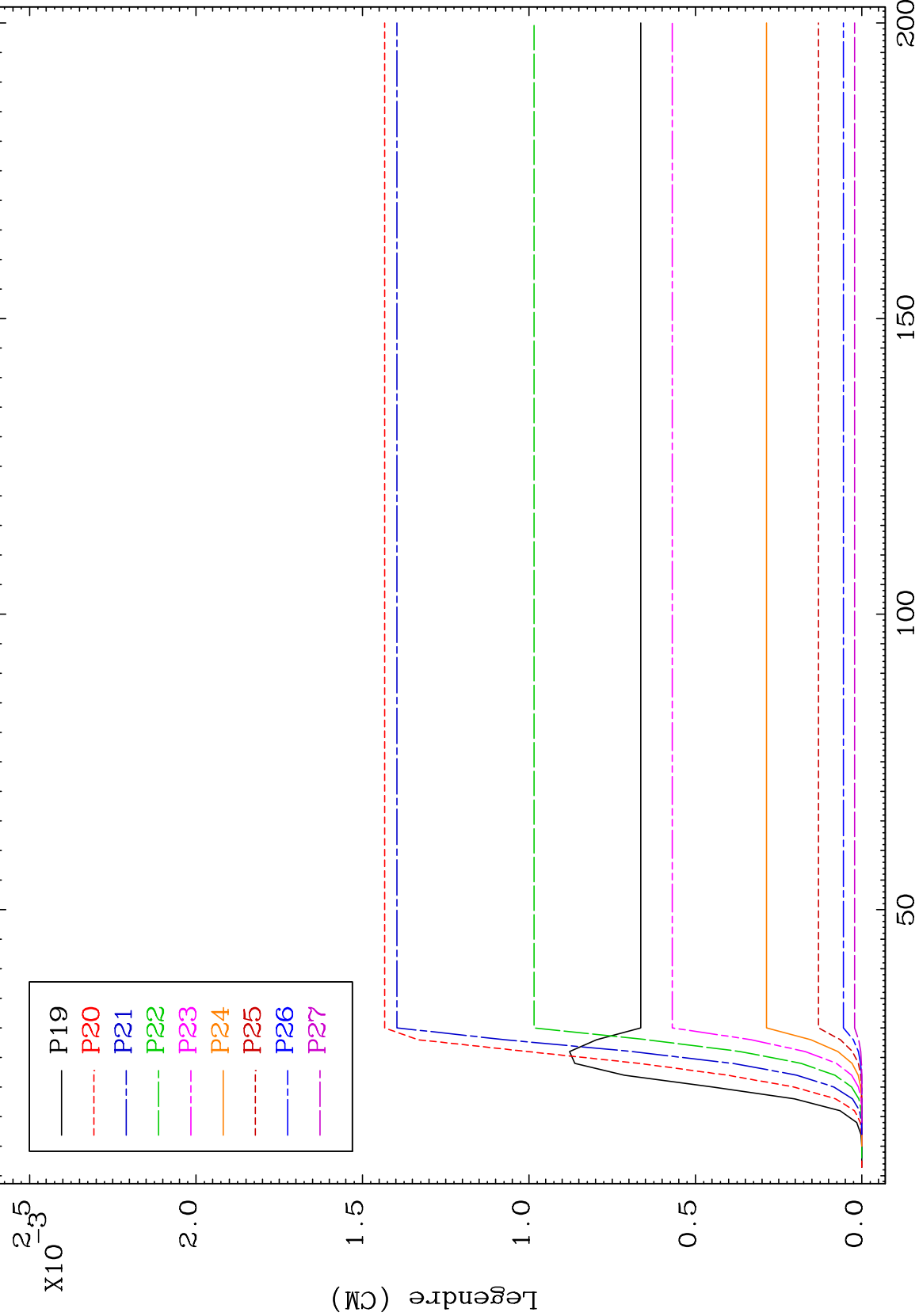
68-Er-161



68-Er-161

Incident Energy (MeV)

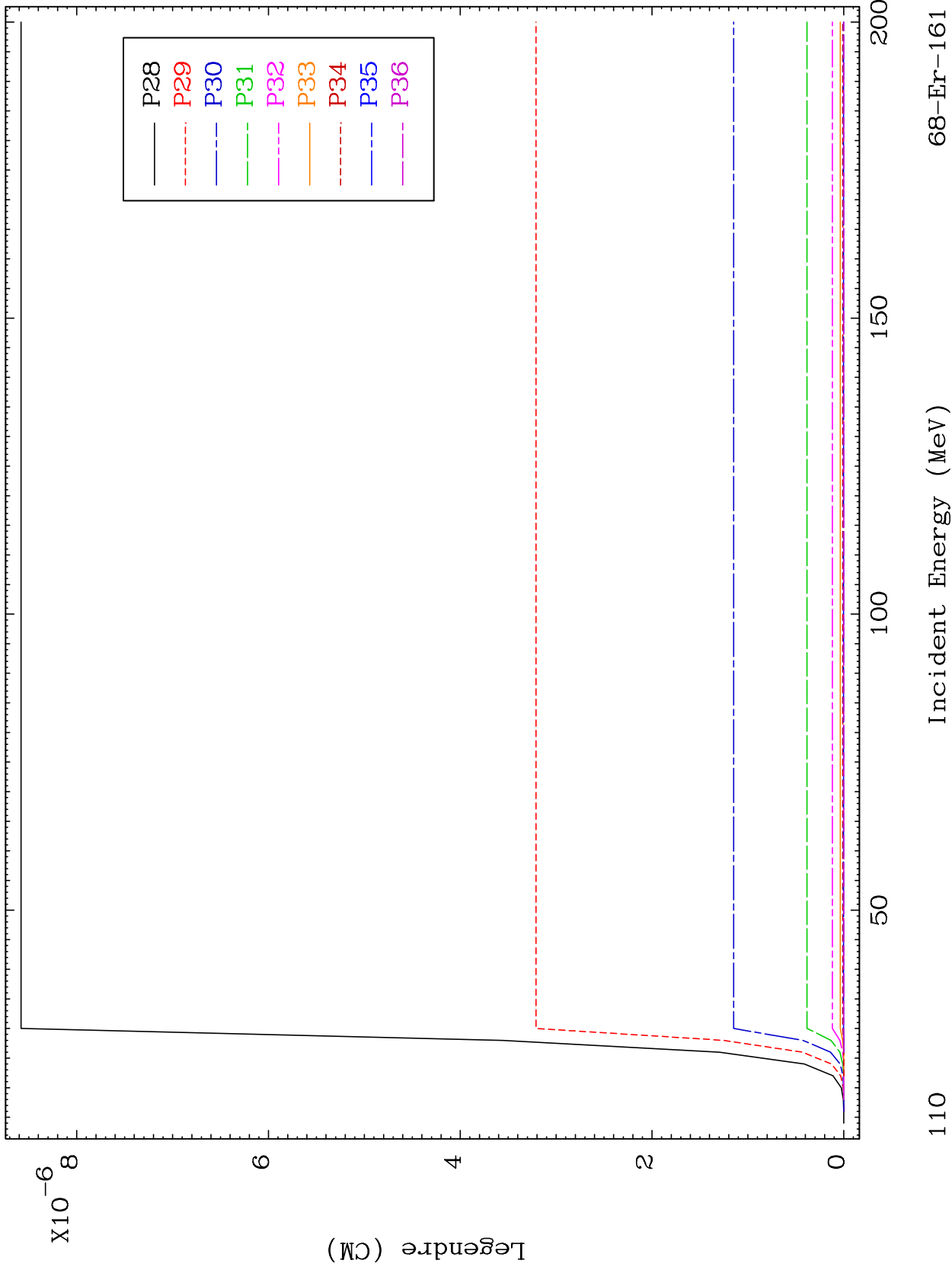
108



MAT 6822

563.0 keV (n,n') Level
Legendre Coefficients

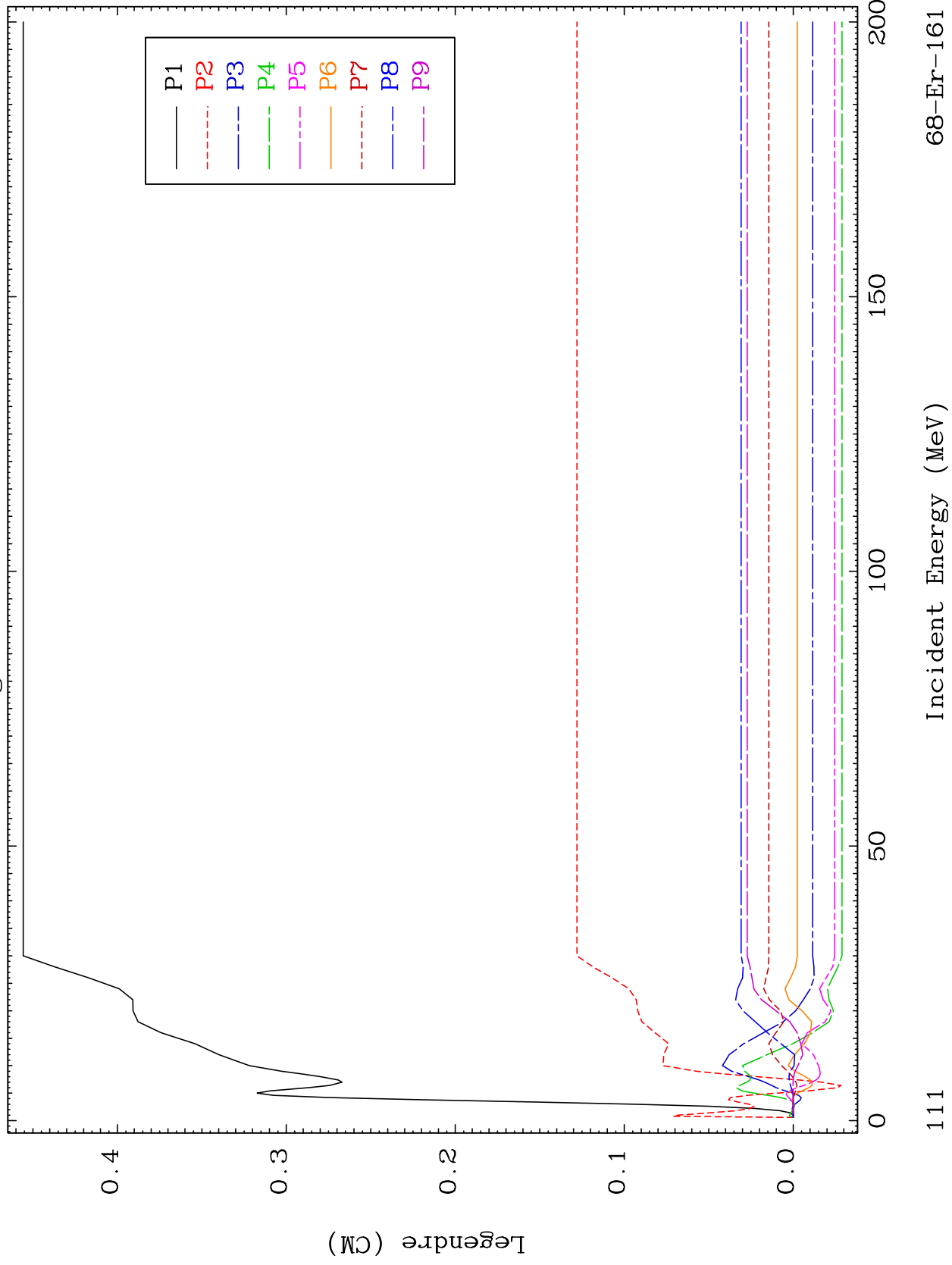
68-Er-161



MAT 6822

578.5 keV (n,n') Level
Legendre Coefficients

68-Er-161



68-Er-161

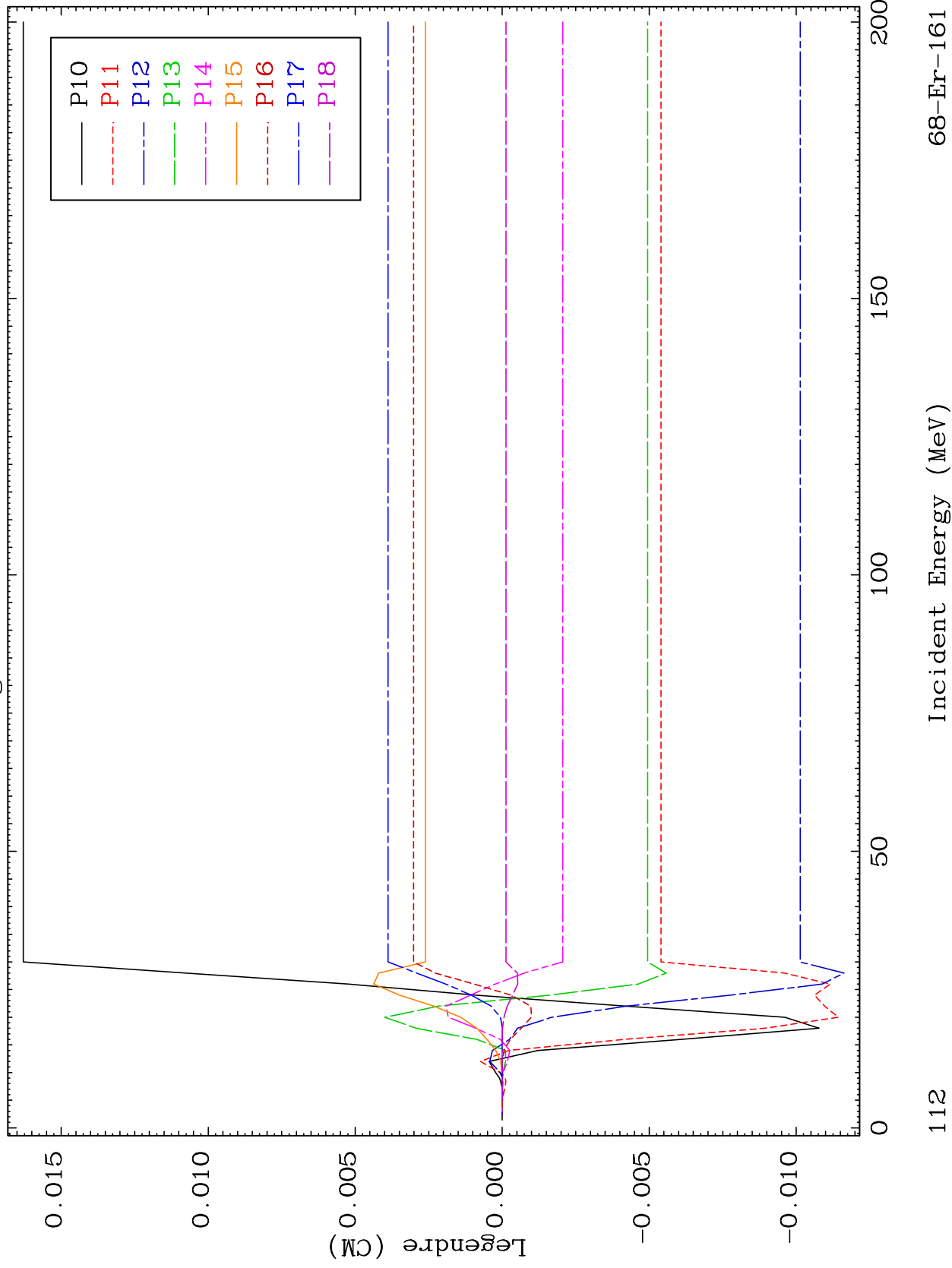
Incident Energy (MeV)

111

MAT 6822

578.5 keV (n,n') Level
Legendre Coefficients

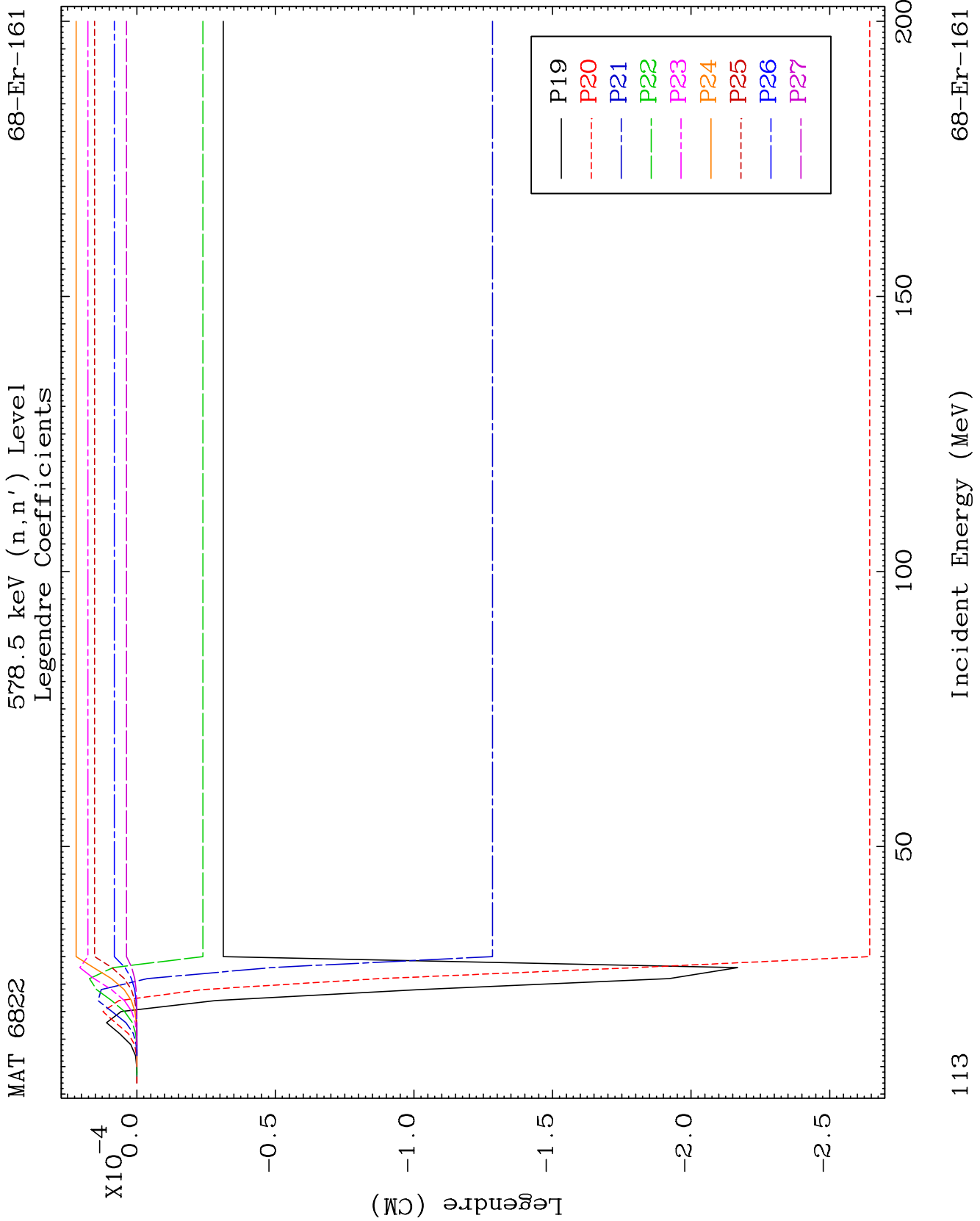
68-Er-161

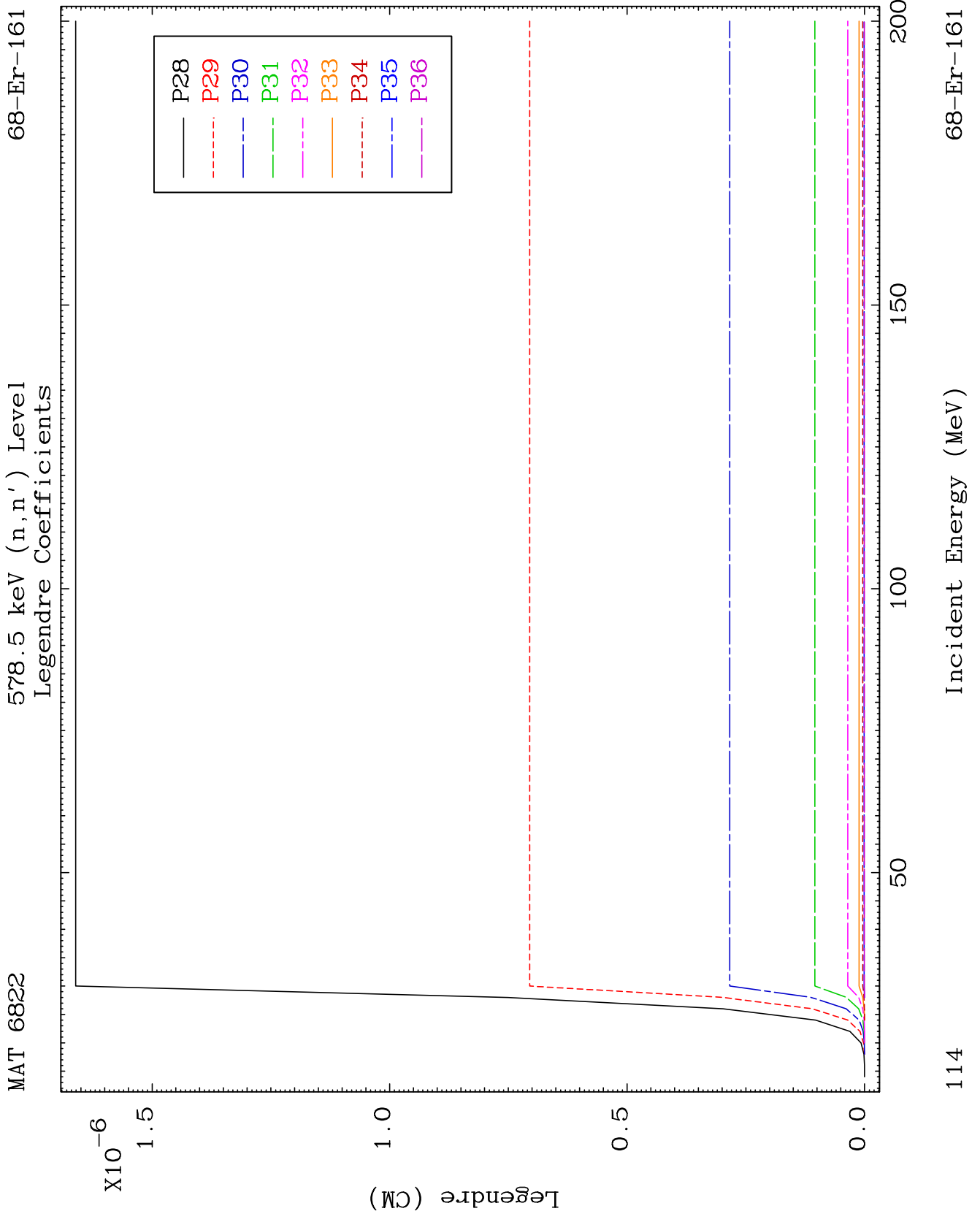


112

Incident Energy (MeV)

68-Er-161

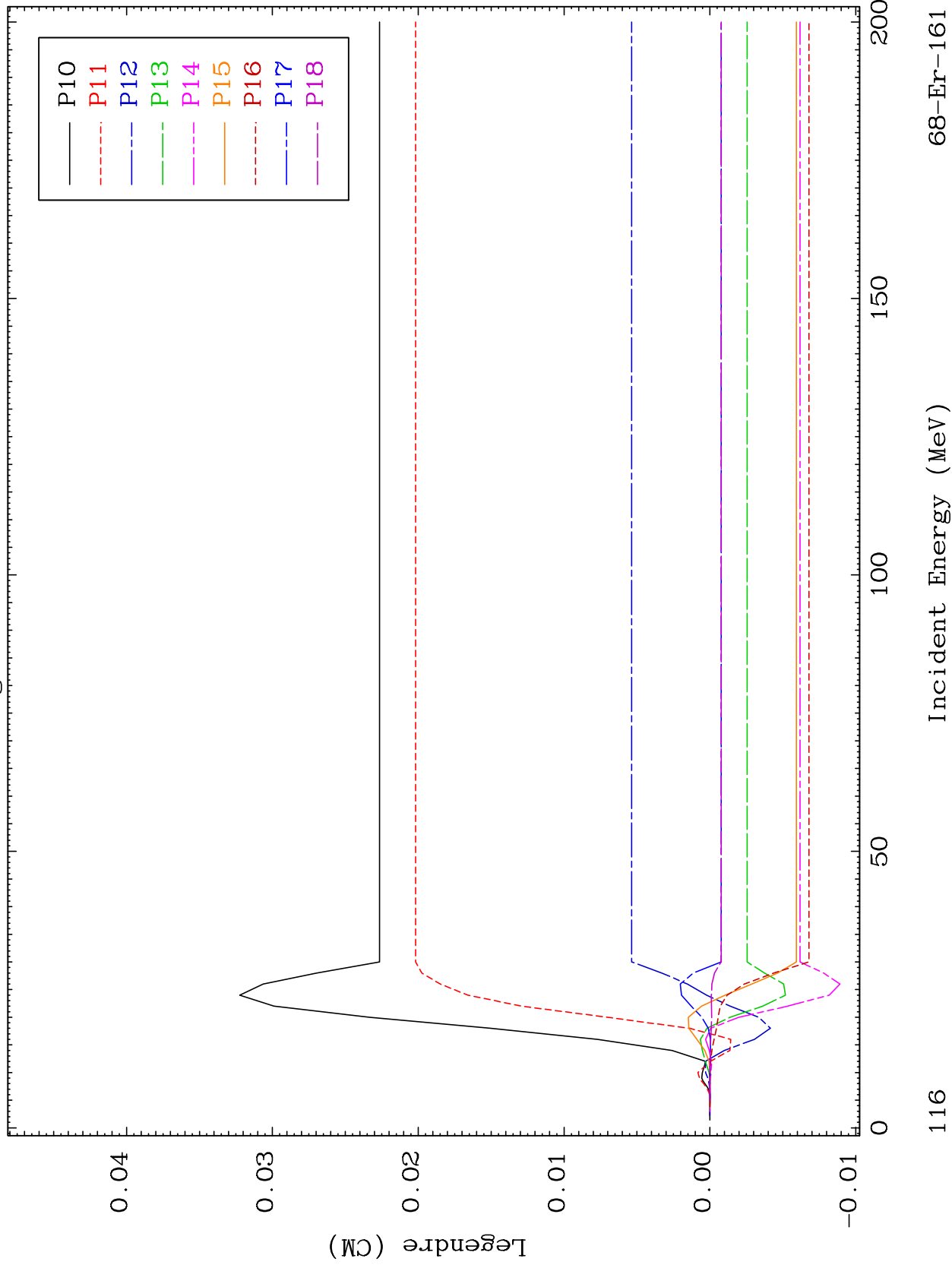




MAT 6822

590.1 keV (n,n') Level
Legendre Coefficients

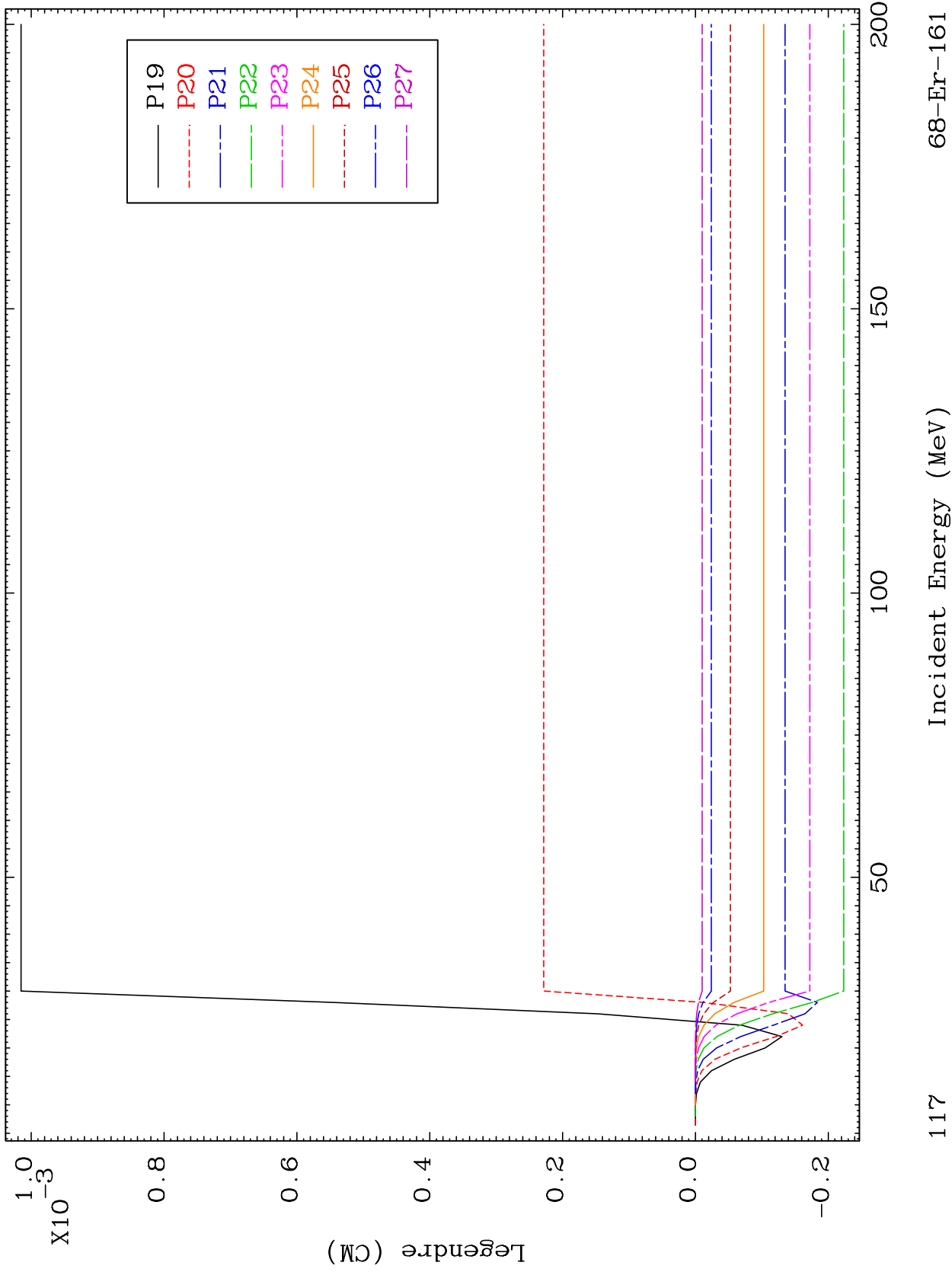
68-Er-161

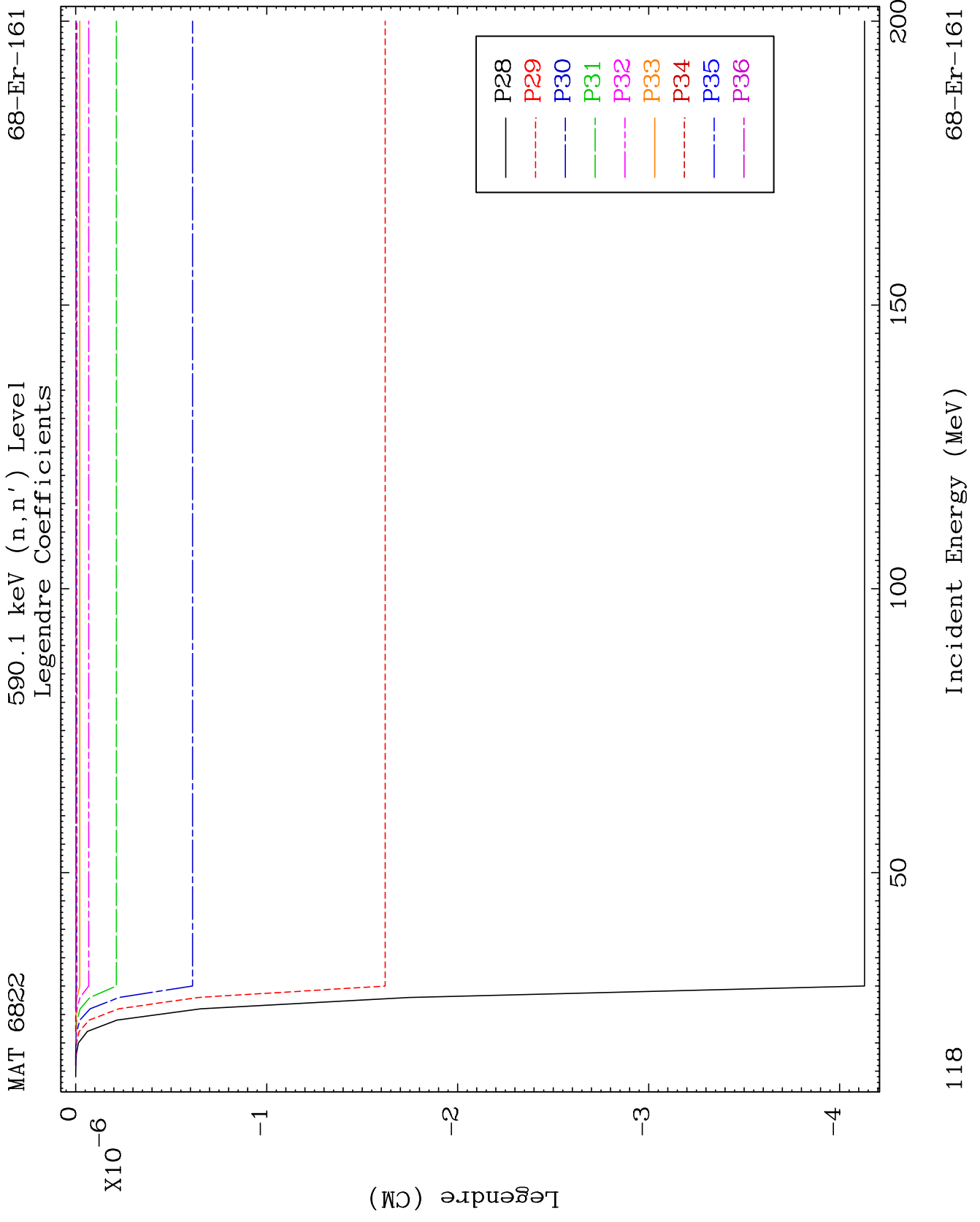


116

Incident Energy (MeV)

68-Er-161

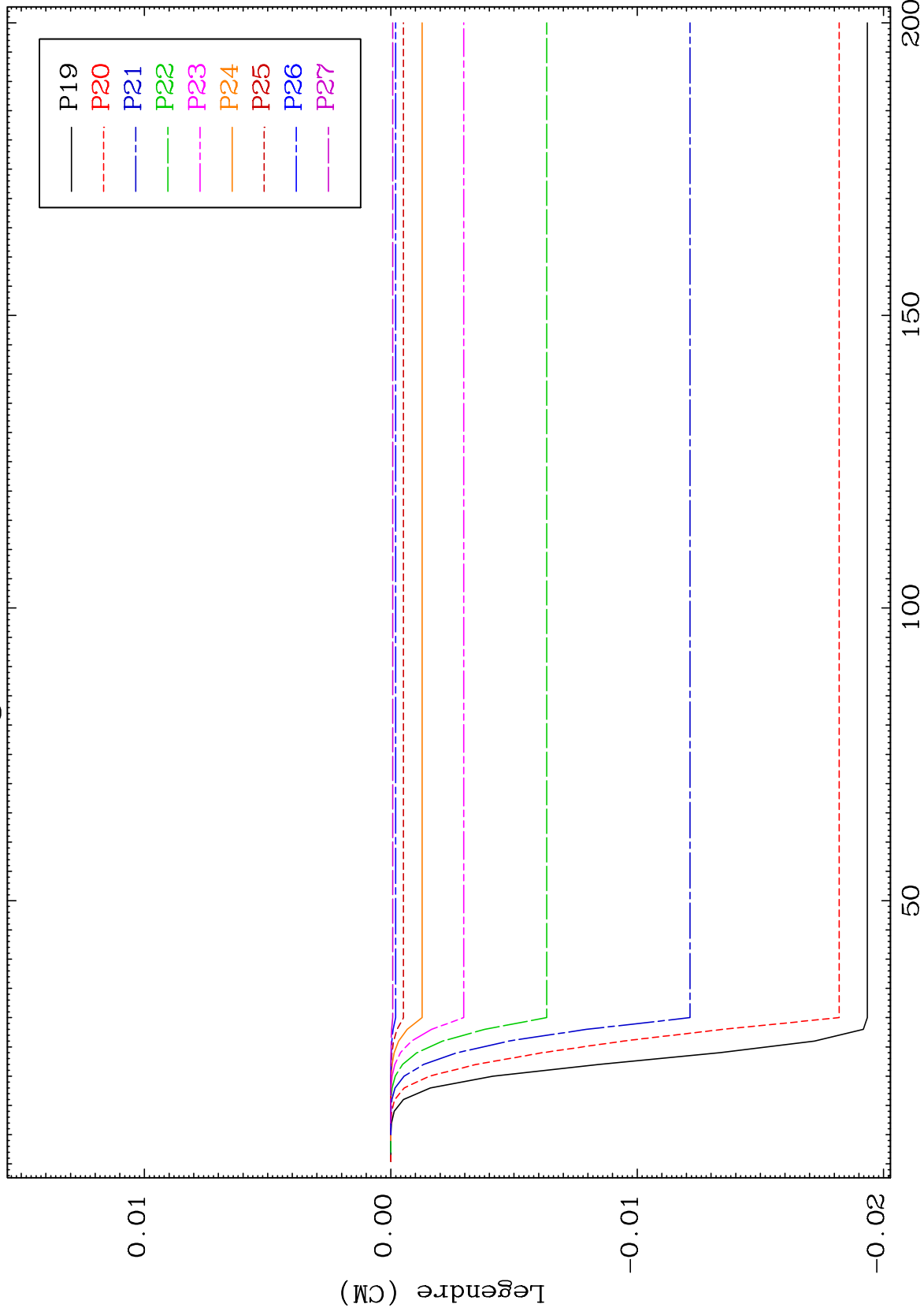




MAT 6822

621.0 keV (n,n') Level
Legendre Coefficients

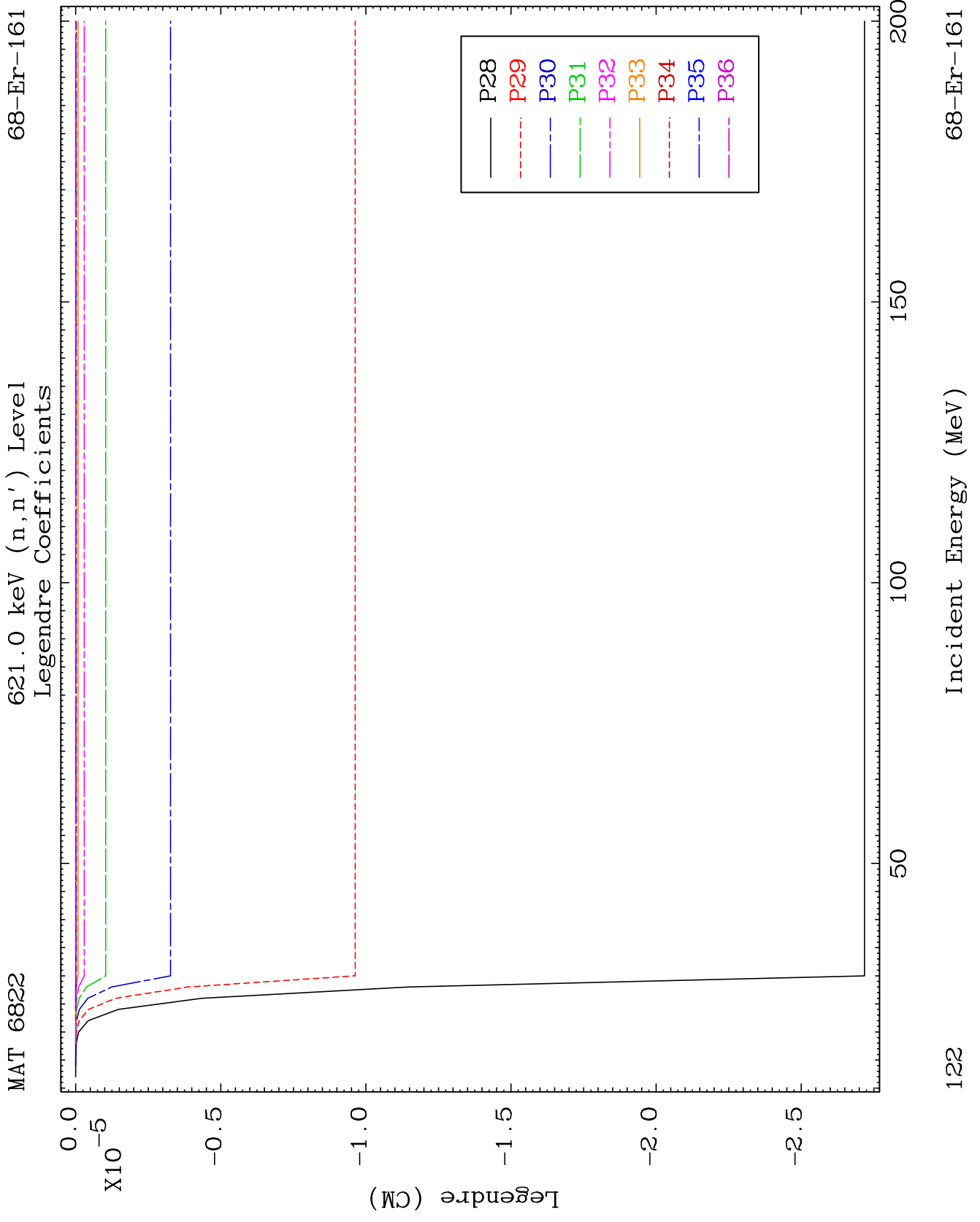
68-Er-161

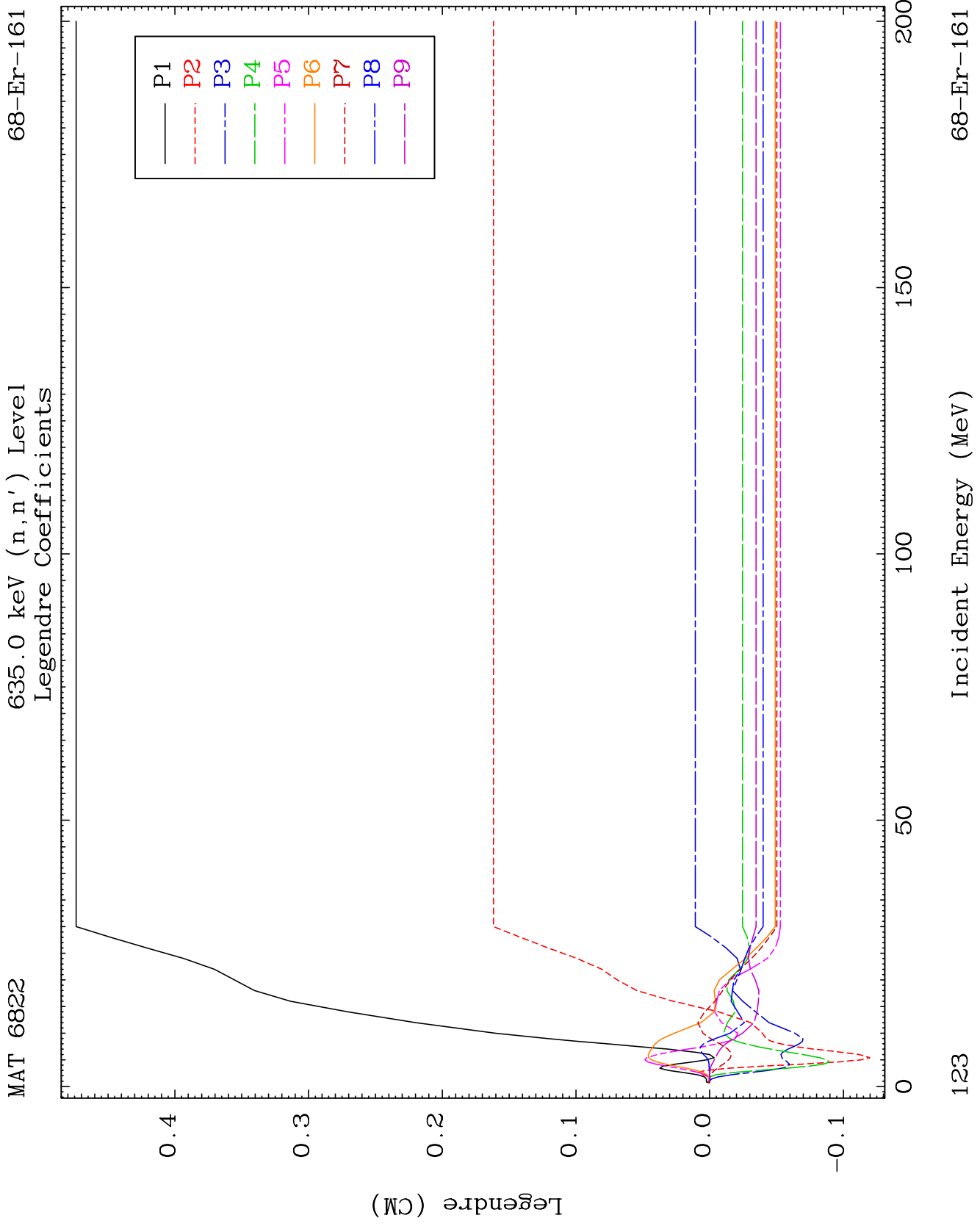


121

Incident Energy (MeV)

68-Er-161

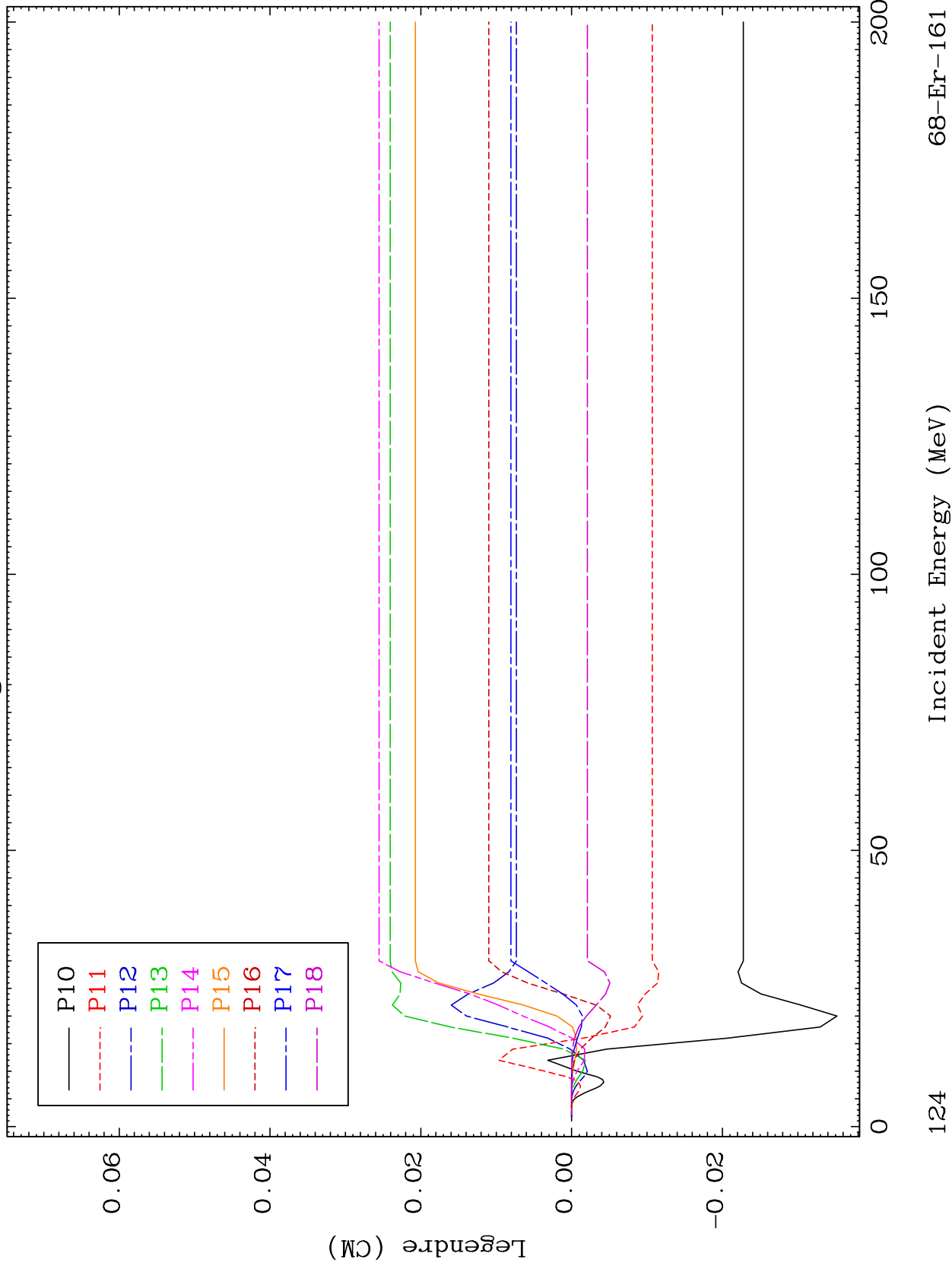




MAT 68222

635.0 keV (n,n') Level
Legendre Coefficients

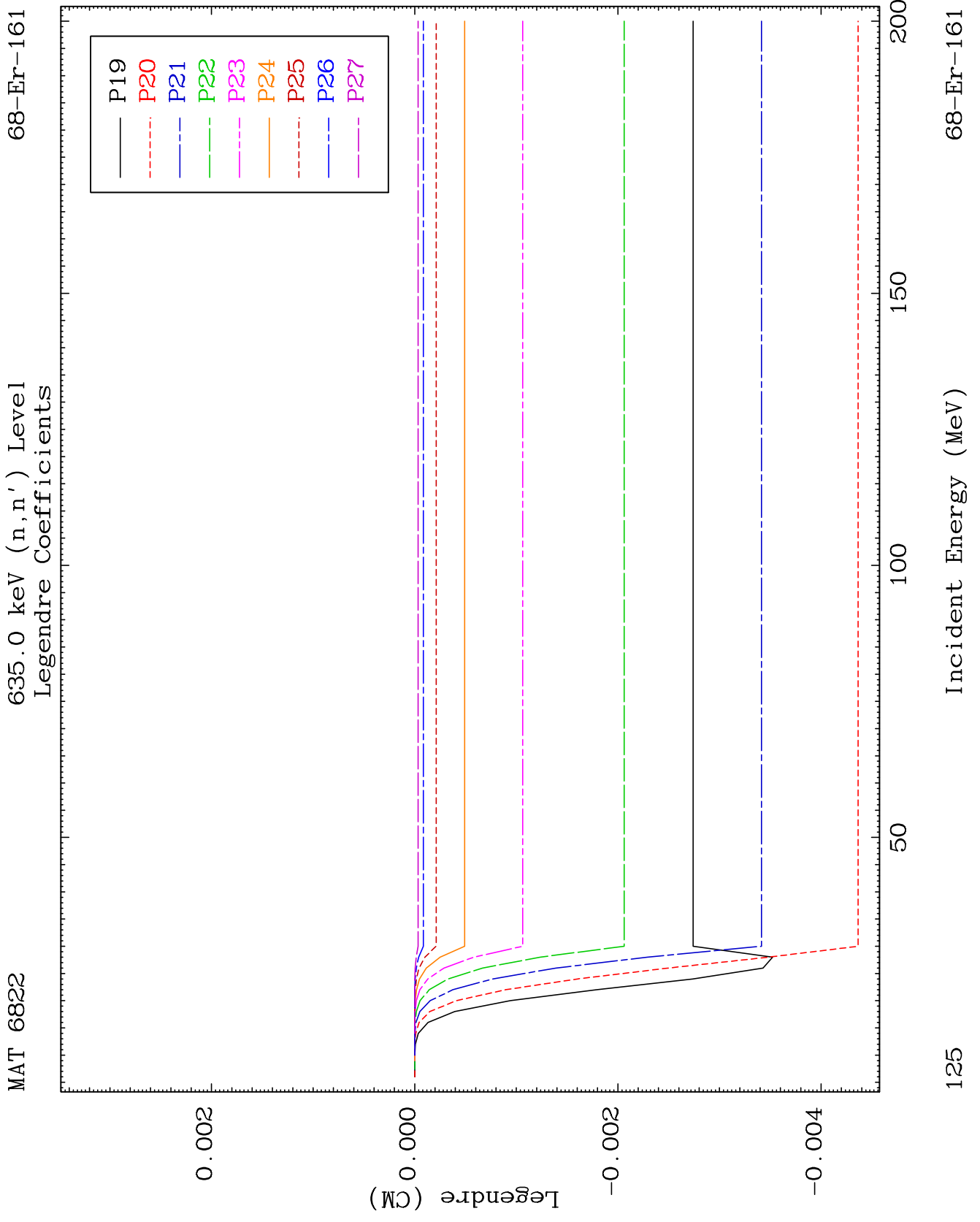
68-Er-161

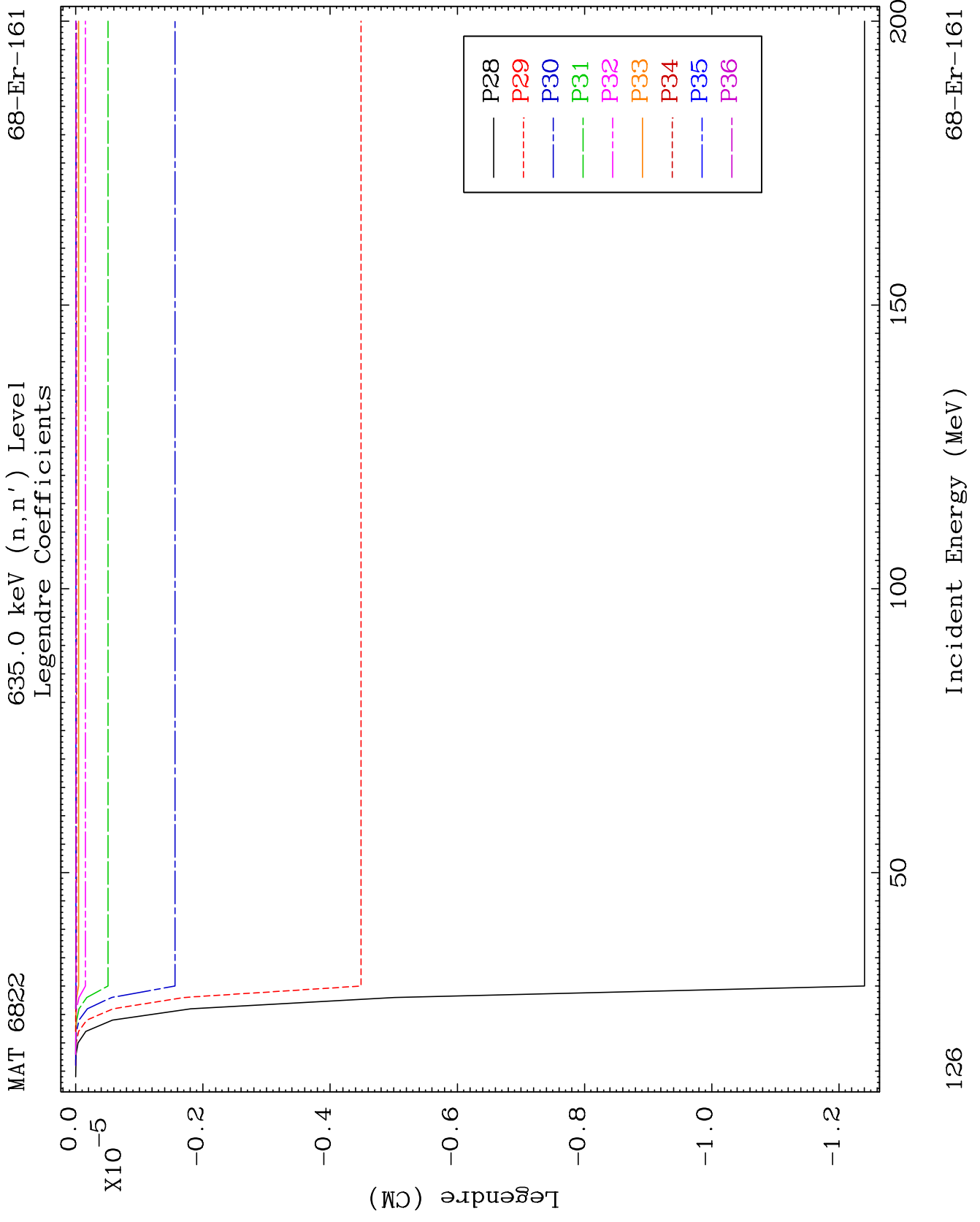


124

Incident Energy (MeV)

68-Er-161

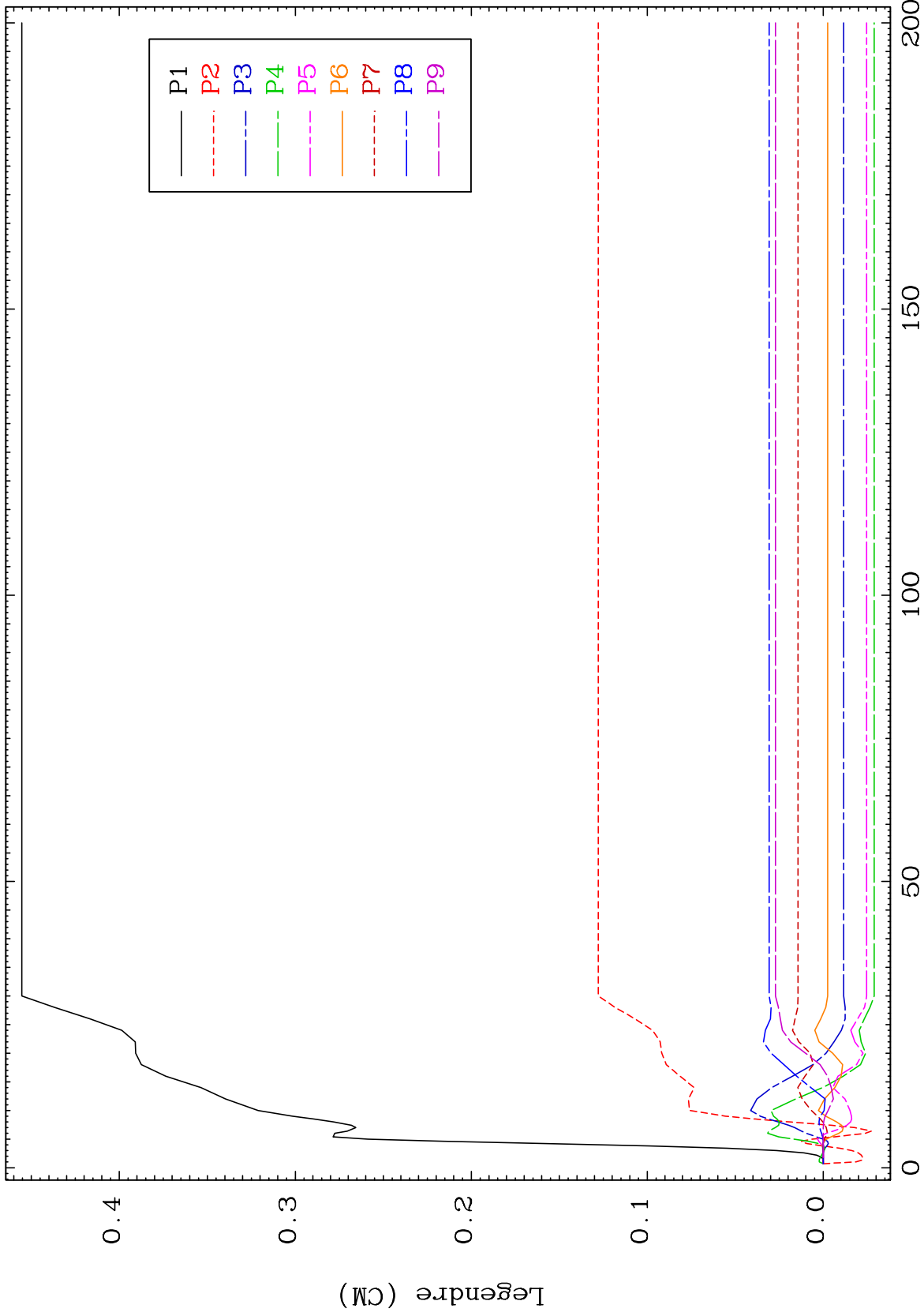




MAT 6822

665.0 keV (n,n') Level
Legendre Coefficients

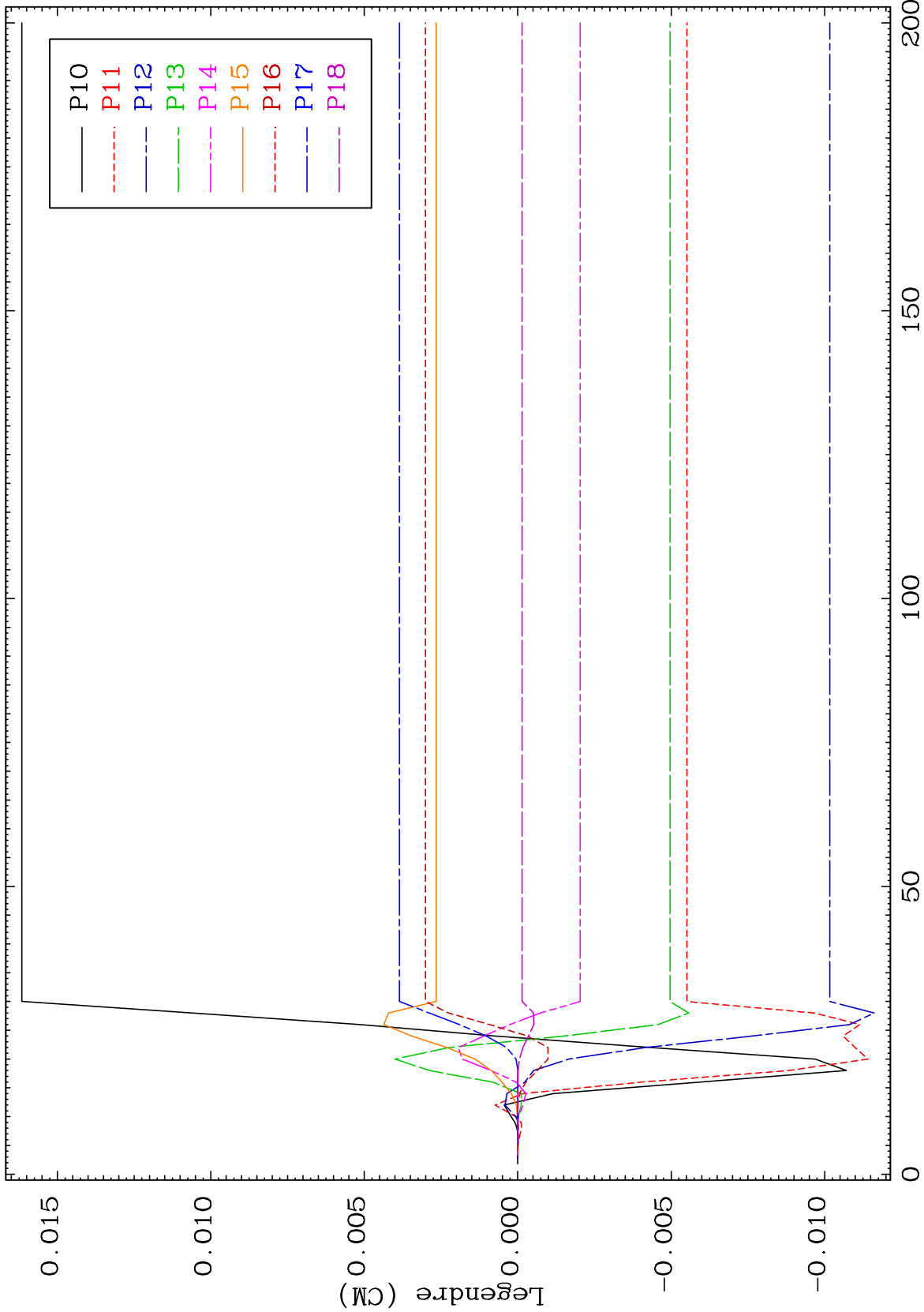
68-Er-161

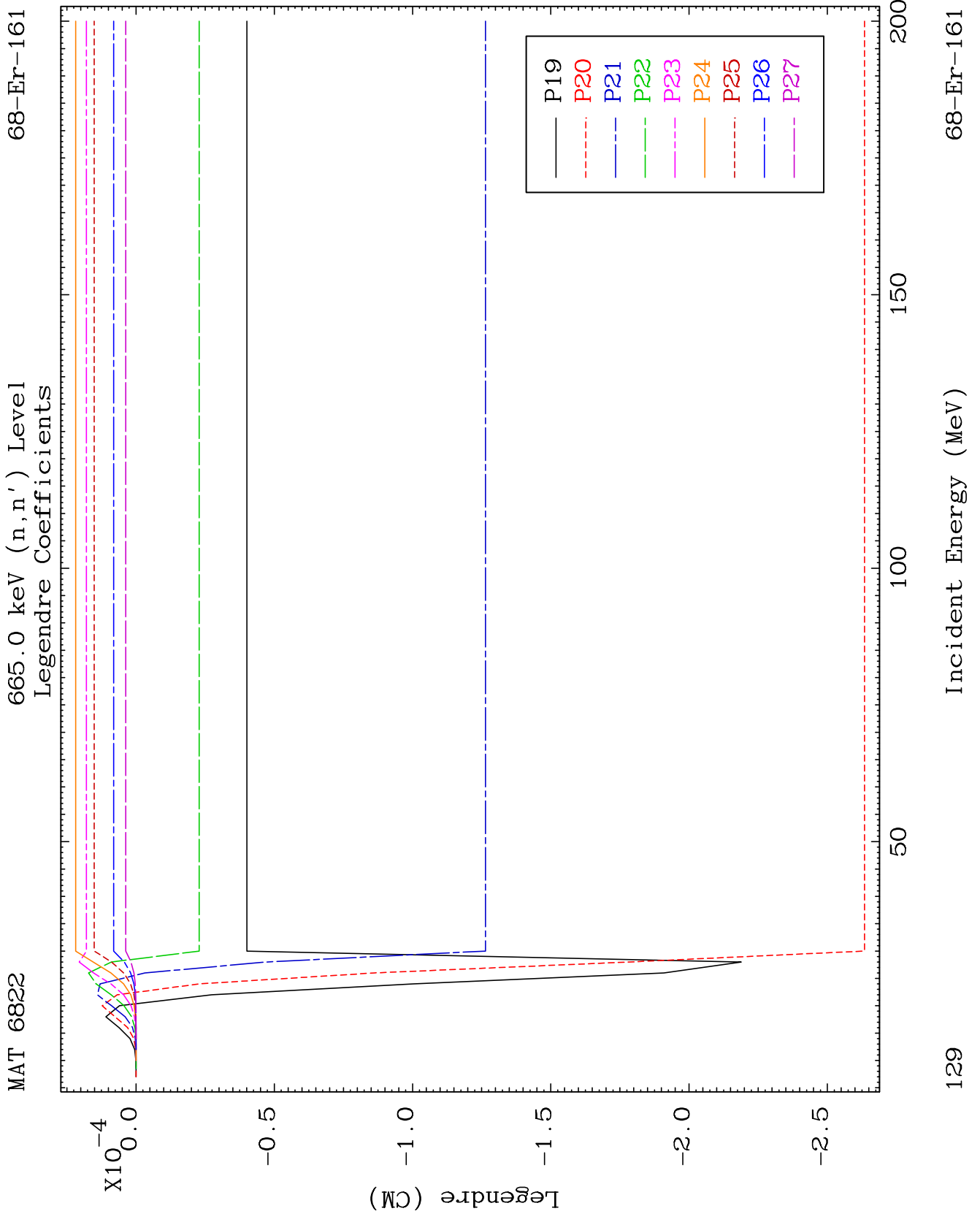


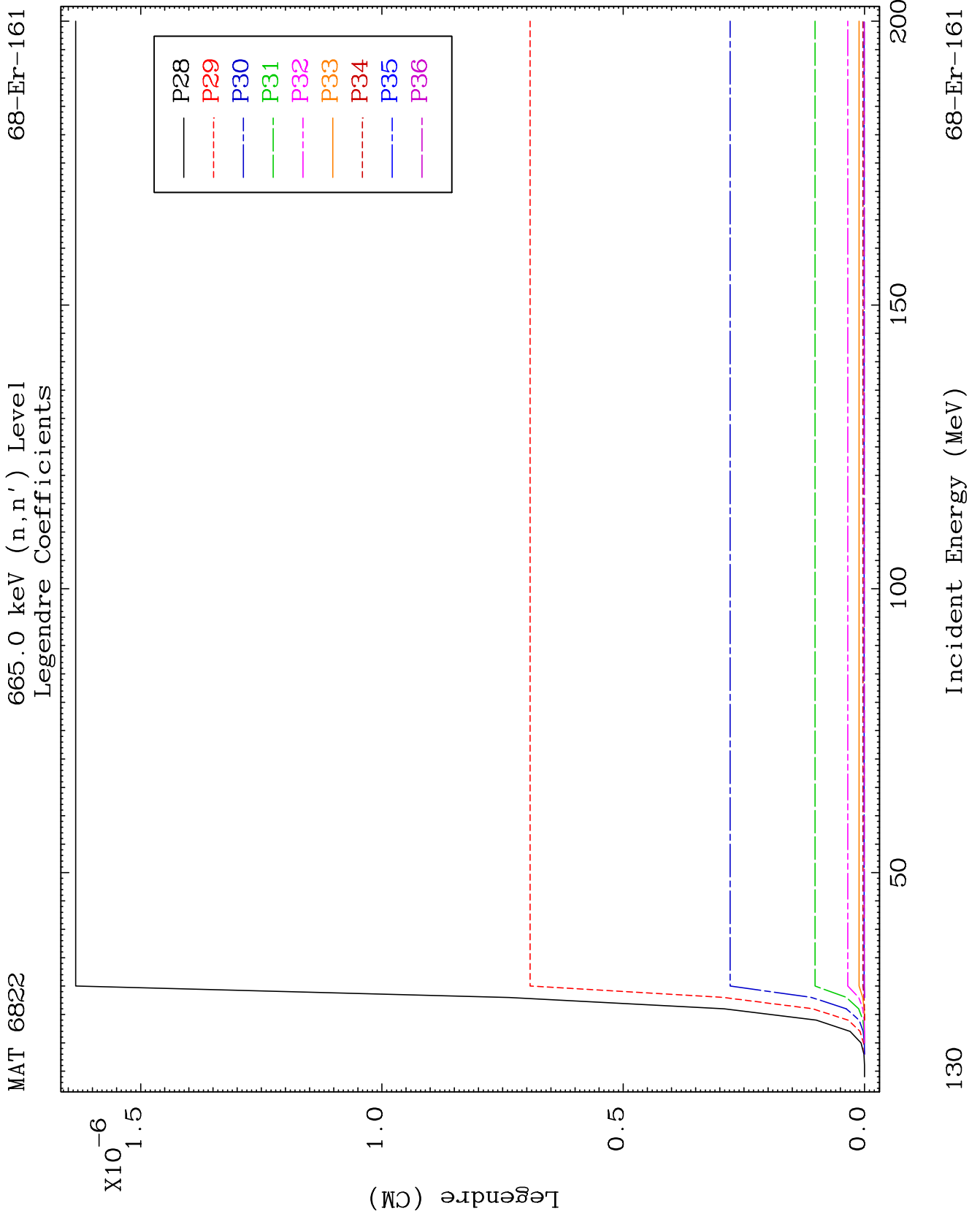
127

Incident Energy (MeV)

68-Er-161



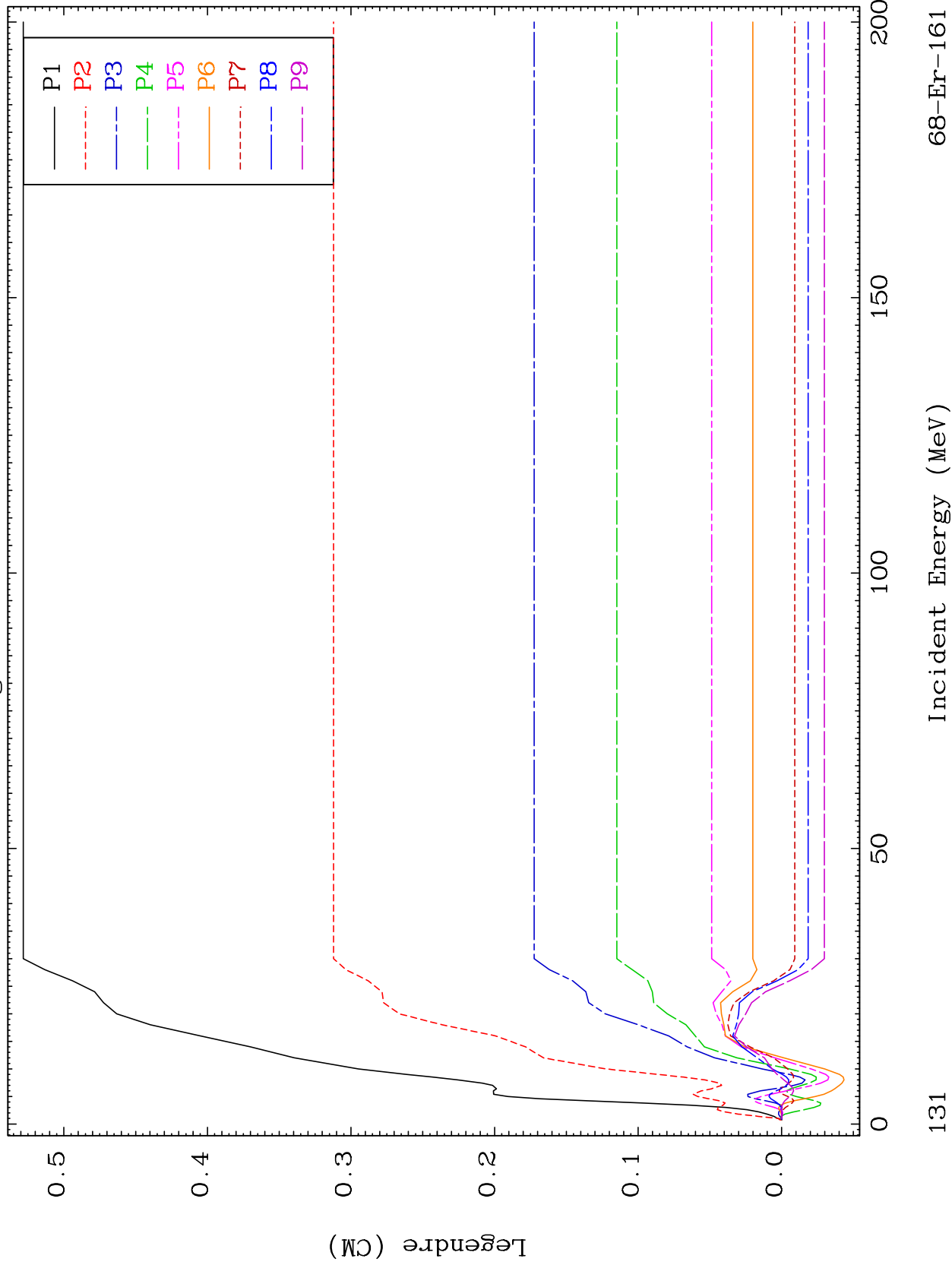




MAT 6822

704.0 keV (n,n') Level
Legendre Coefficients

68-Er-161

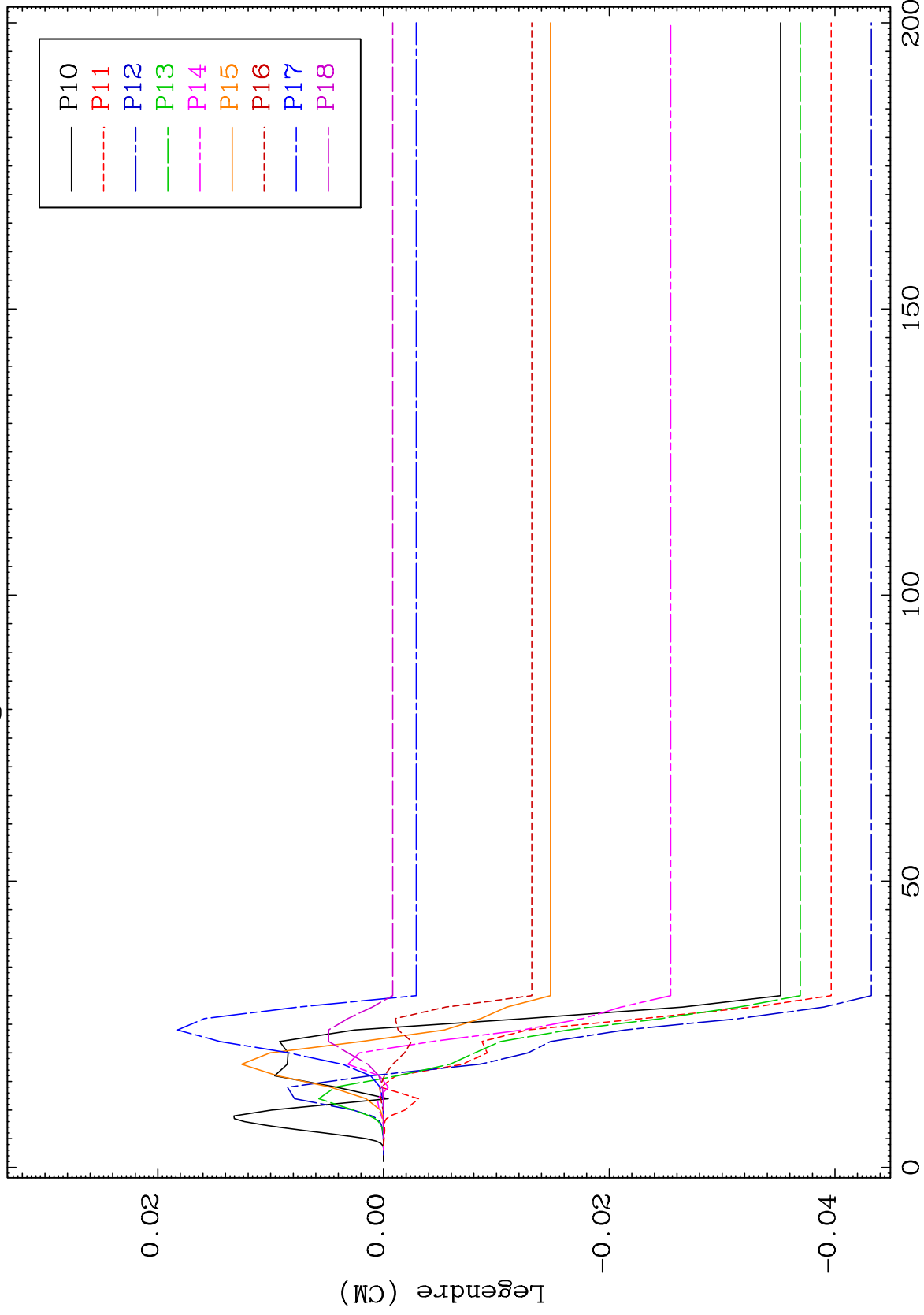


131

MAT 6822

704.0 keV (n,n') Level
Legendre Coefficients

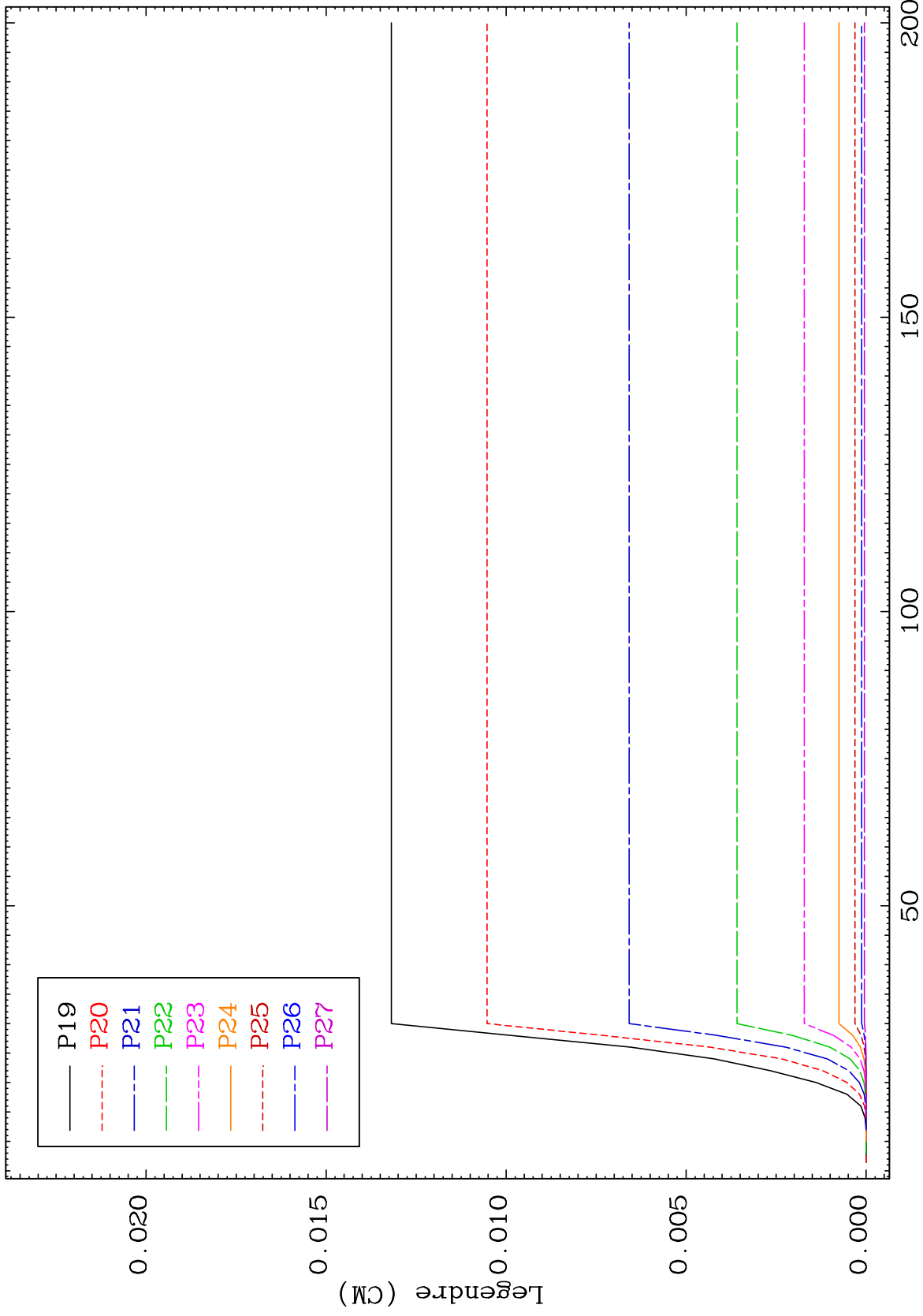
68-Er-161



132

Incident Energy (MeV)

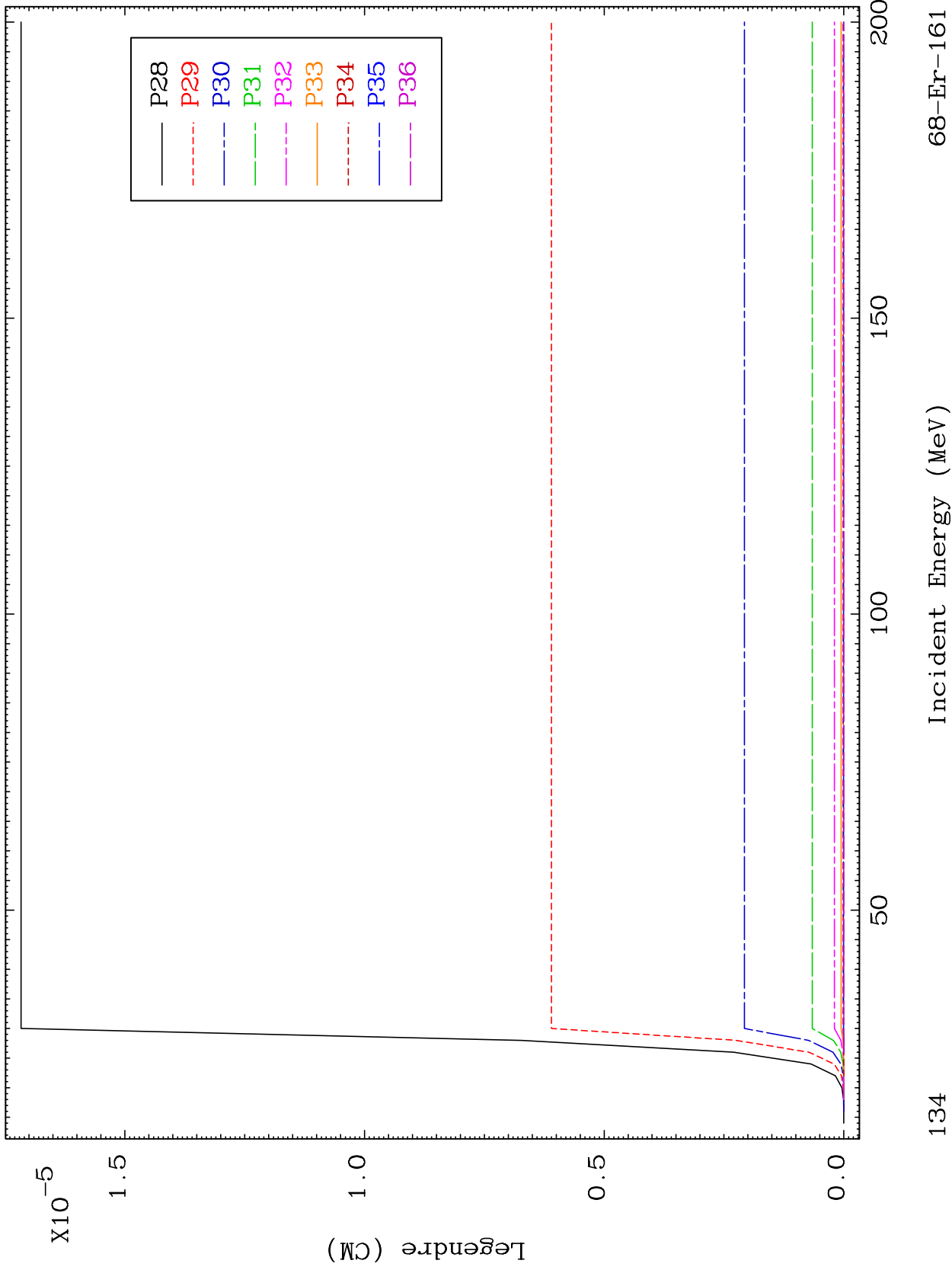
68-Er-161



MAT 6822

704.0 keV (n,n') Level
Legendre Coefficients

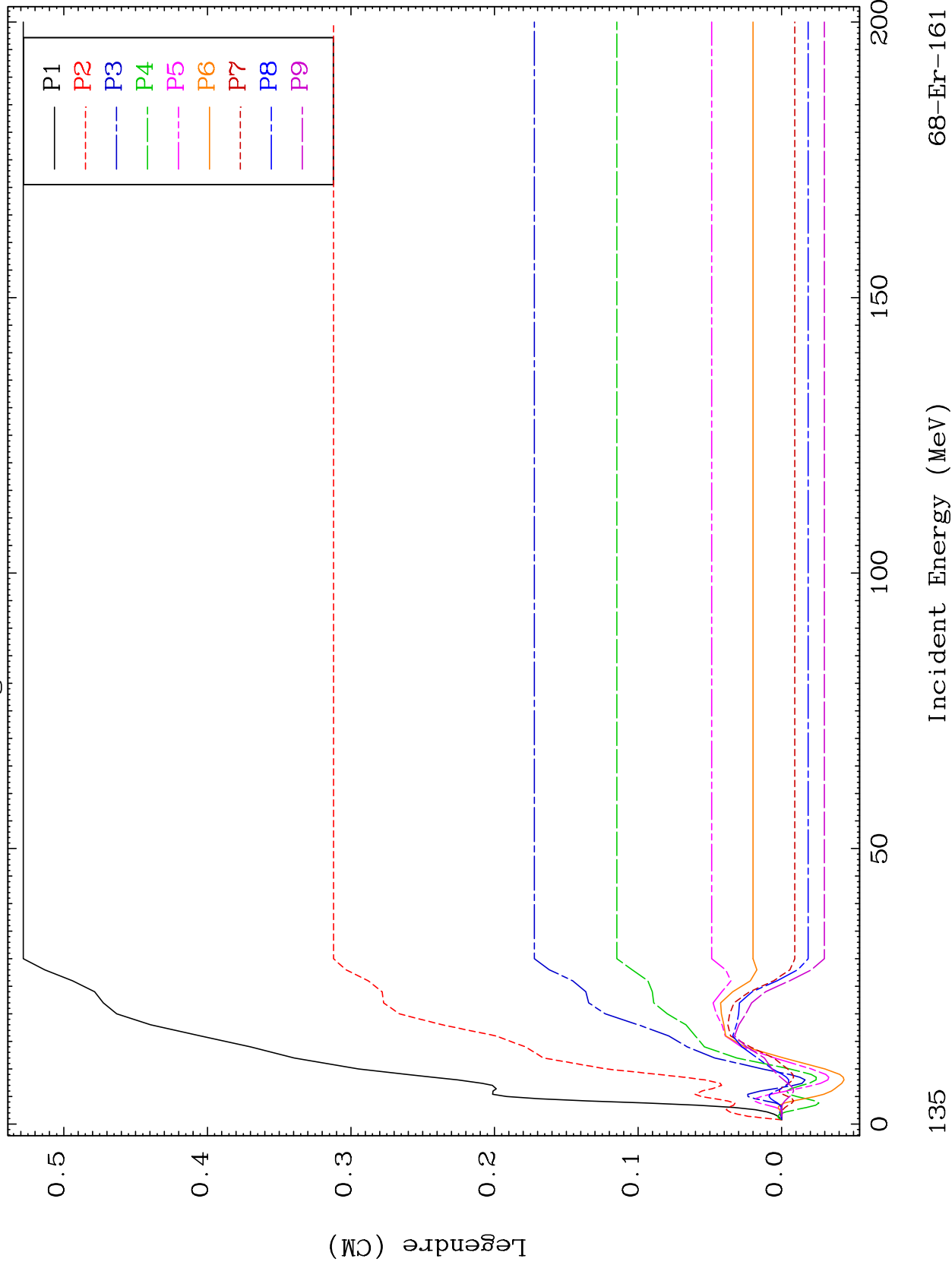
68-Er-161



MAT 6822

712.0 keV (n,n') Level
Legendre Coefficients

68-Er-161



135

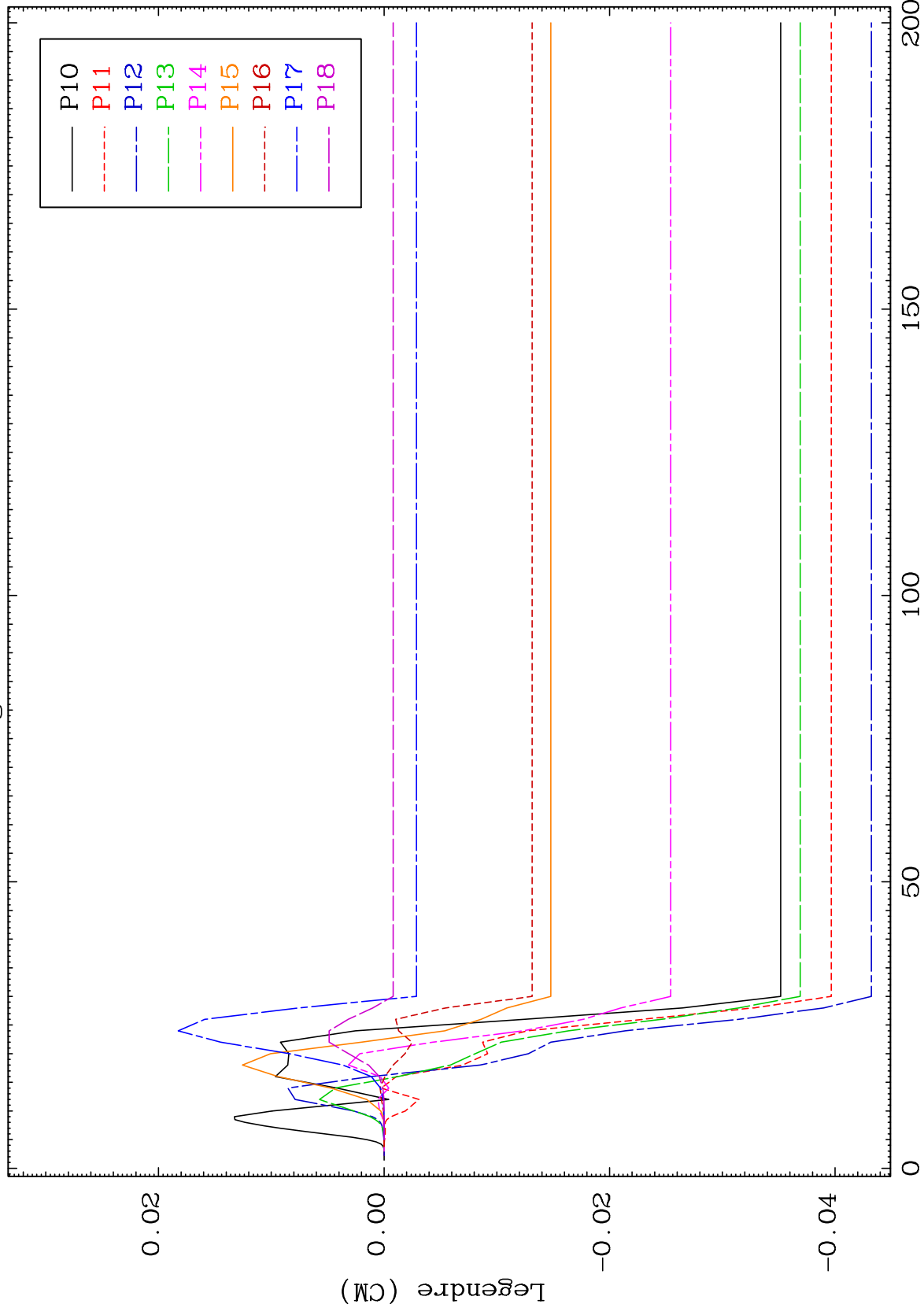
Incident Energy (MeV)

68-Er-161

MAT 6822

712.0 keV (n,n') Level
Legendre Coefficients

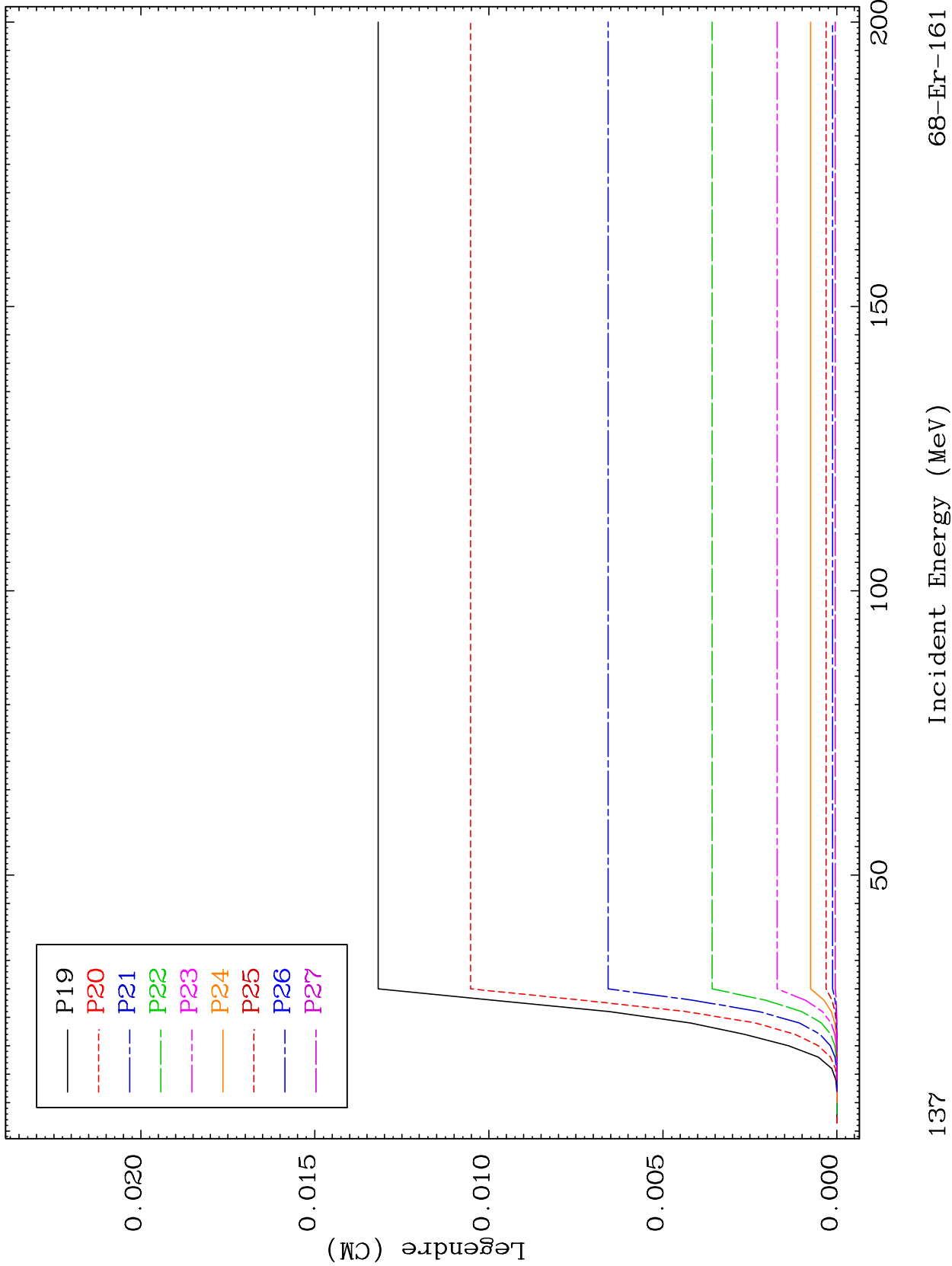
68-Er-161



136

Incident Energy (MeV)

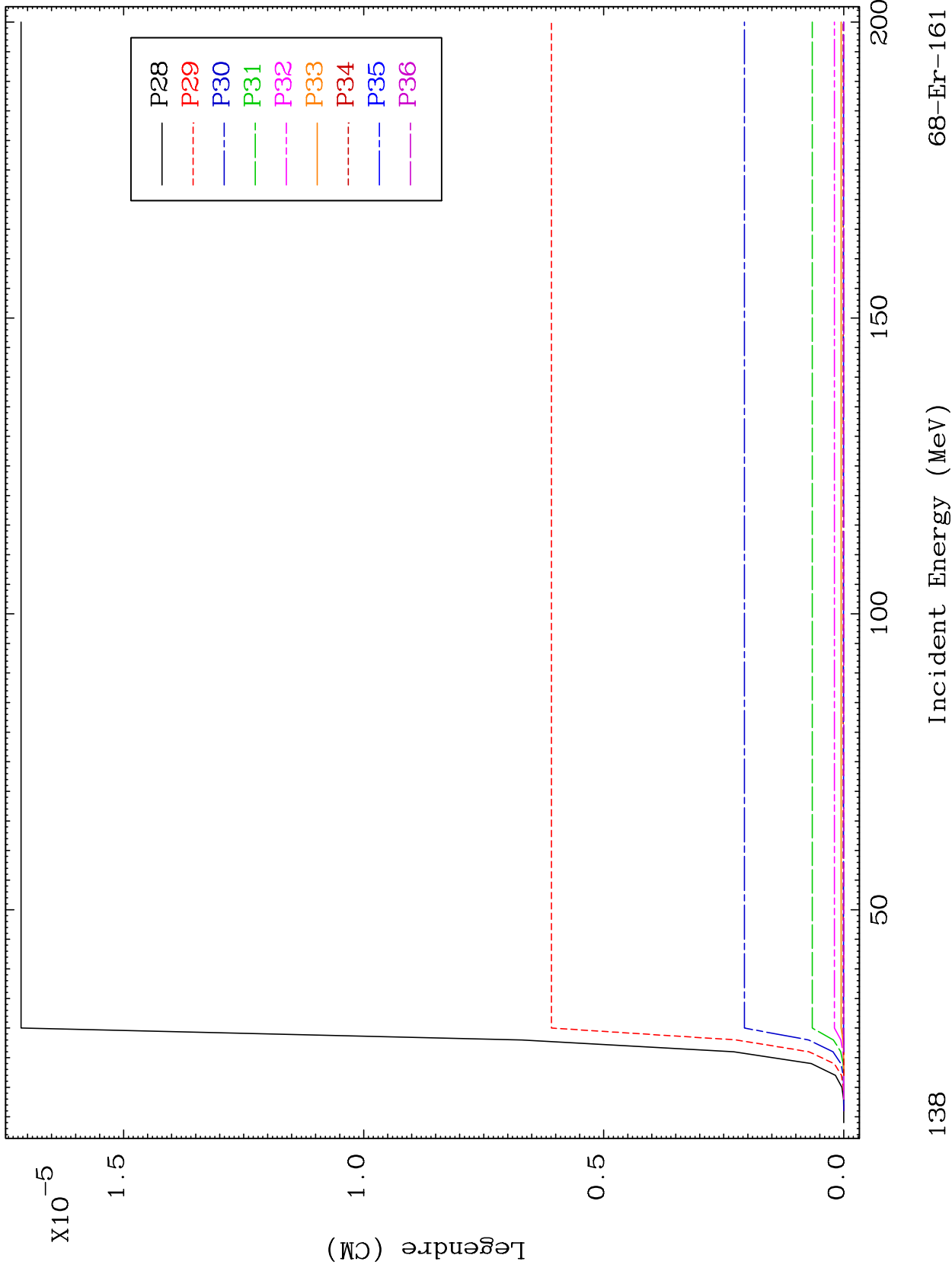
68-Er-161



MAT 6822

712.0 keV (n,n') Level
Legendre Coefficients

68-Er-161

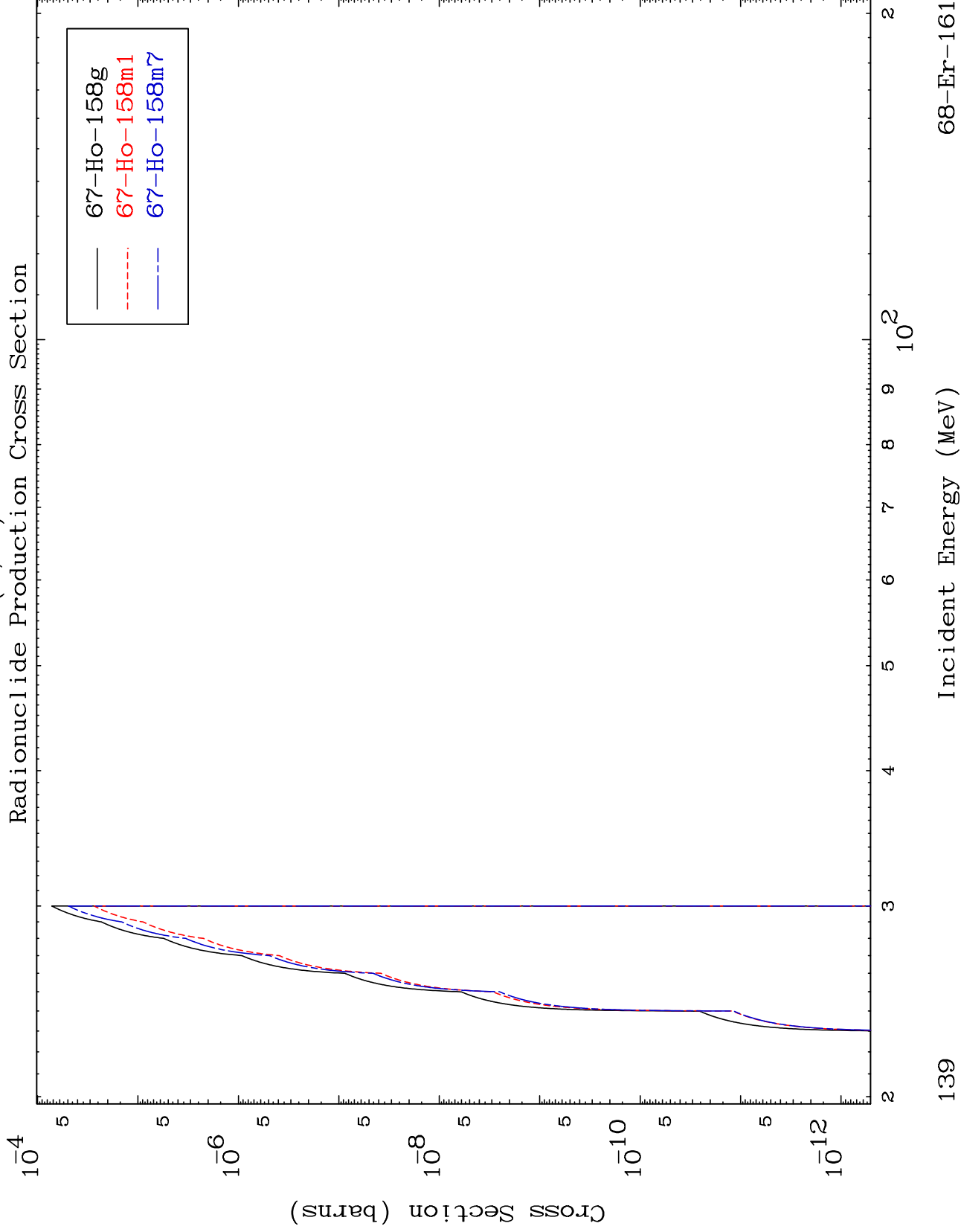


138

MAT 68222

(n,2n) d

68-Er-161



139

Incident Energy (MeV)

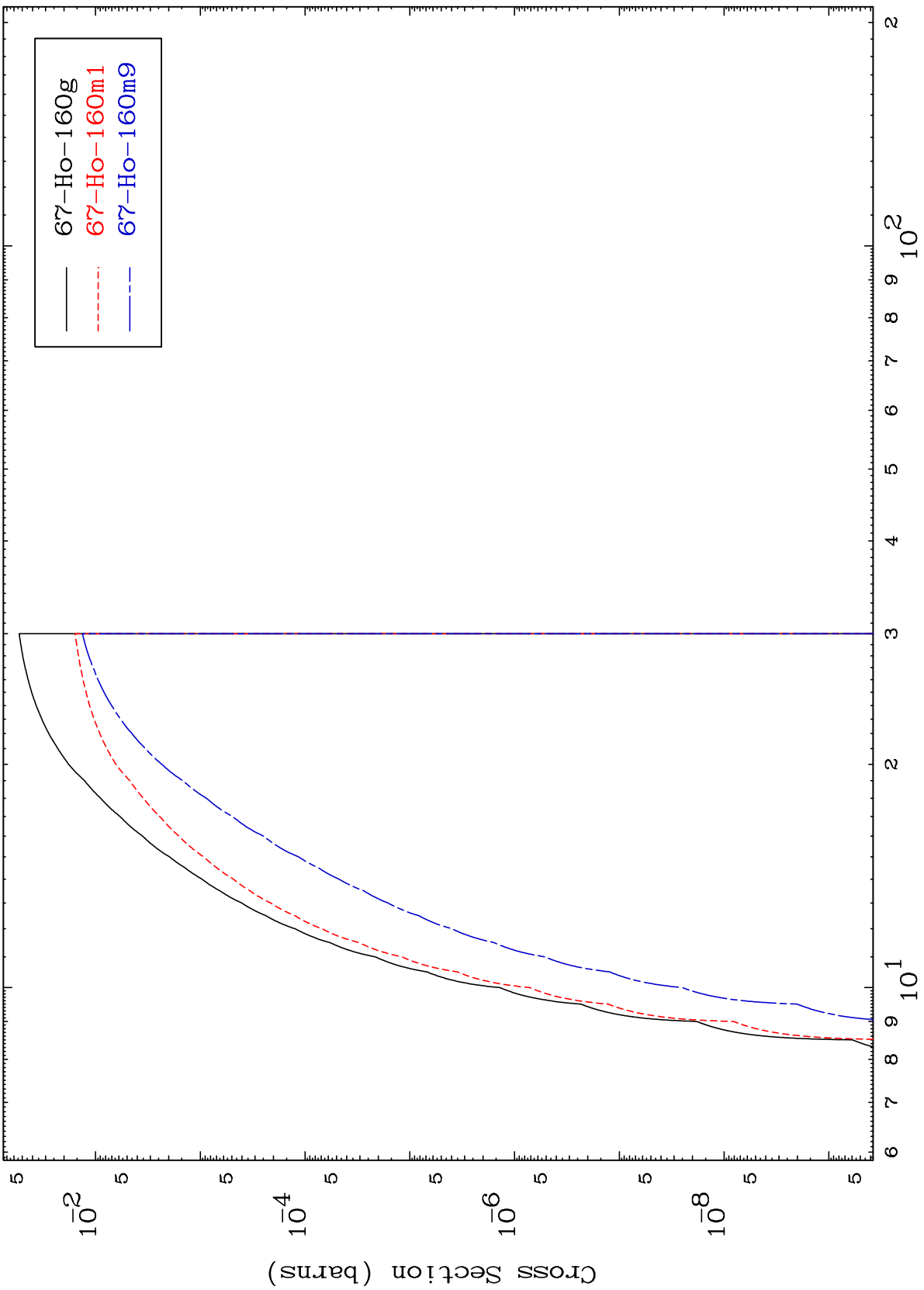
68-Er-161

MAT 68222

(n,n') p

68-Er-161

Radionuclide Production Cross Section



140

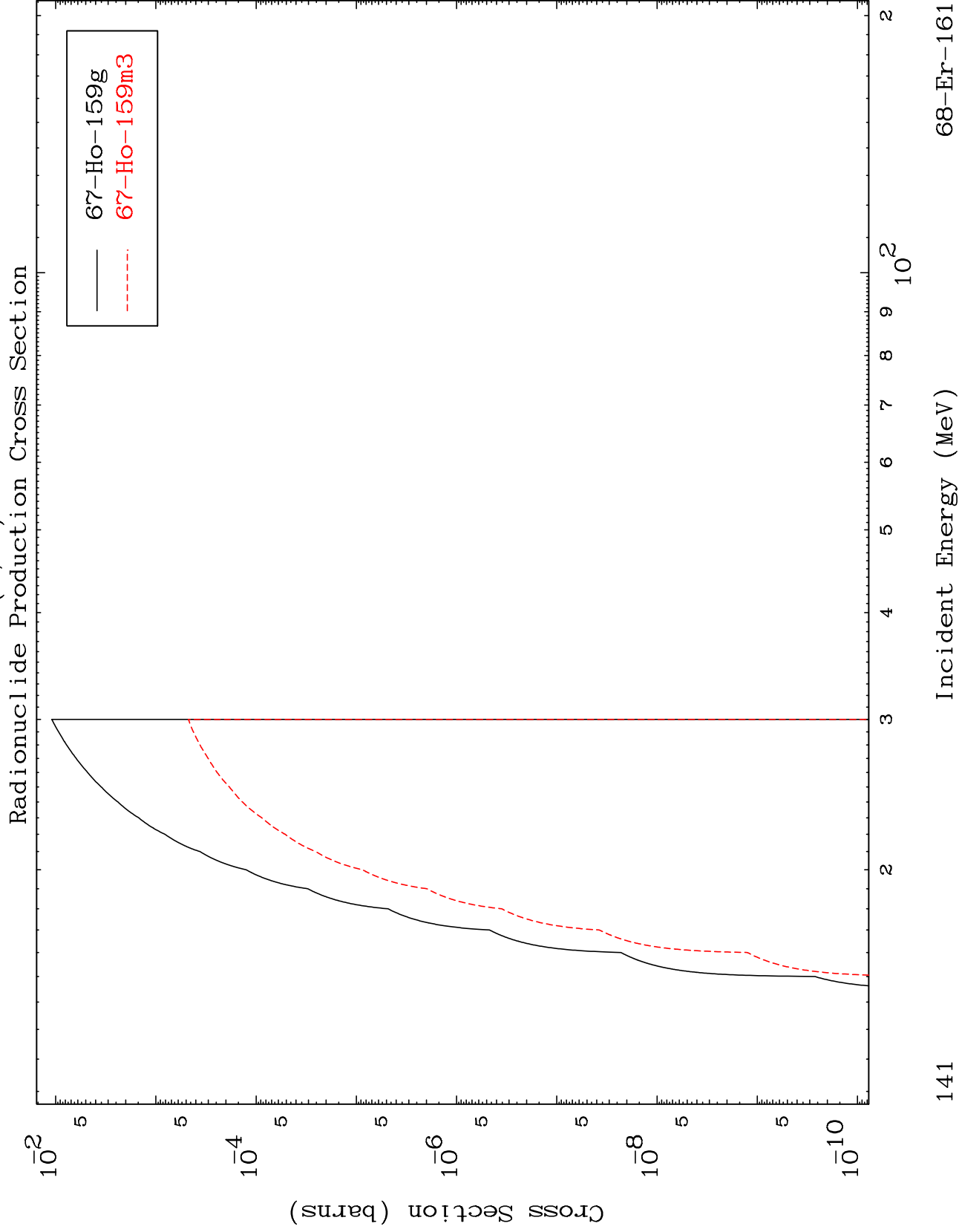
Incident Energy (MeV)

68-Er-161

MAT 6822

(n,n') d

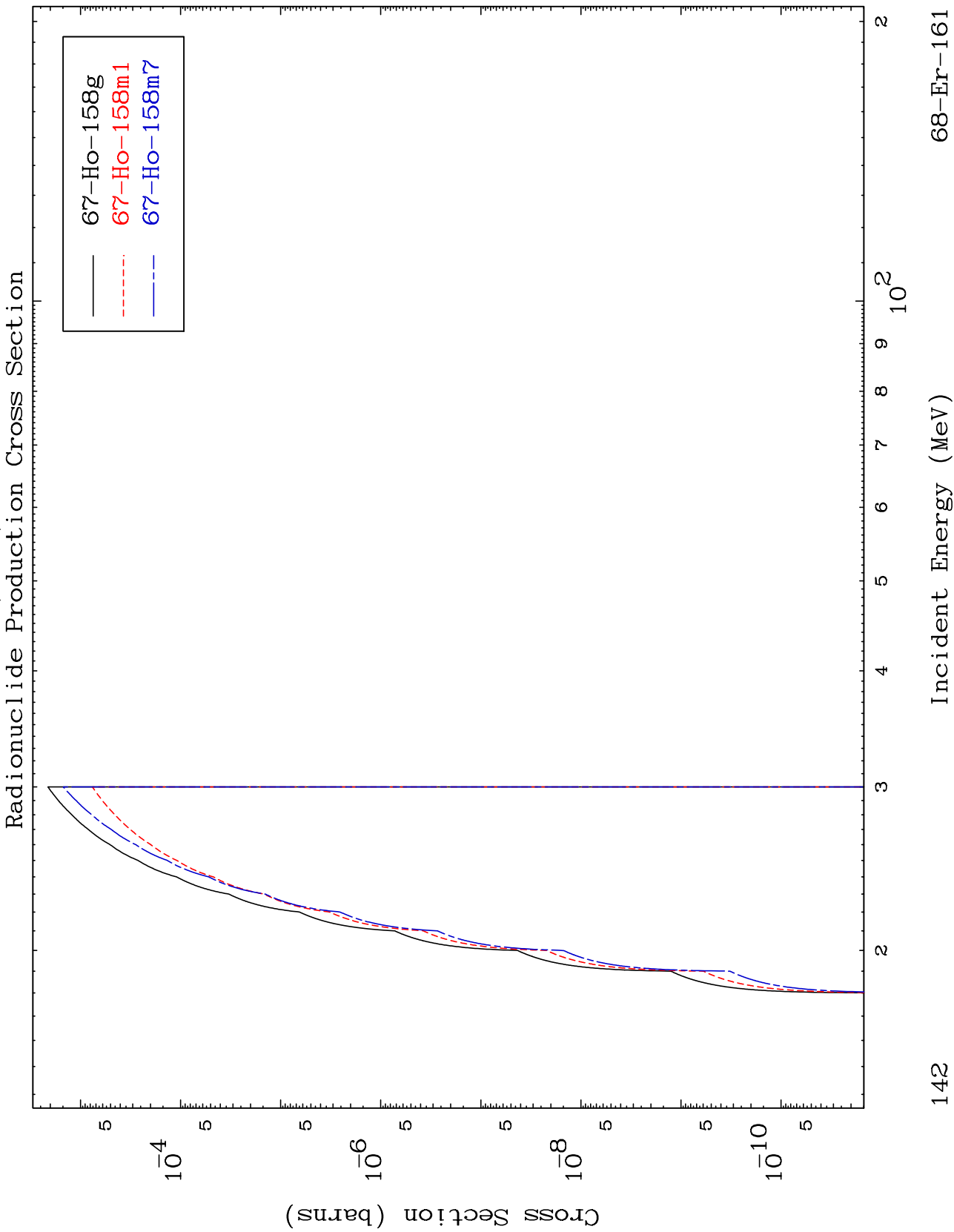
68-Er-161

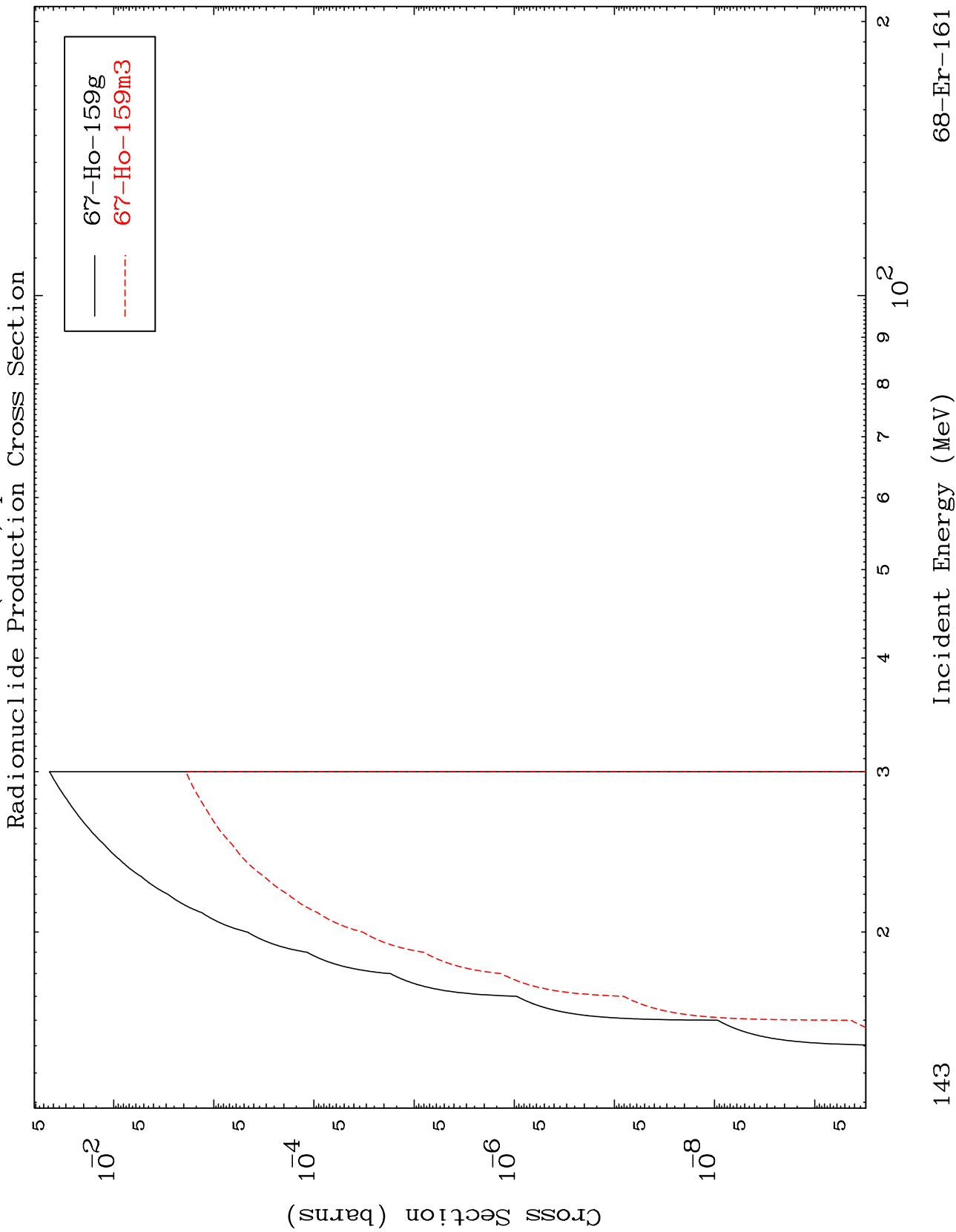


141

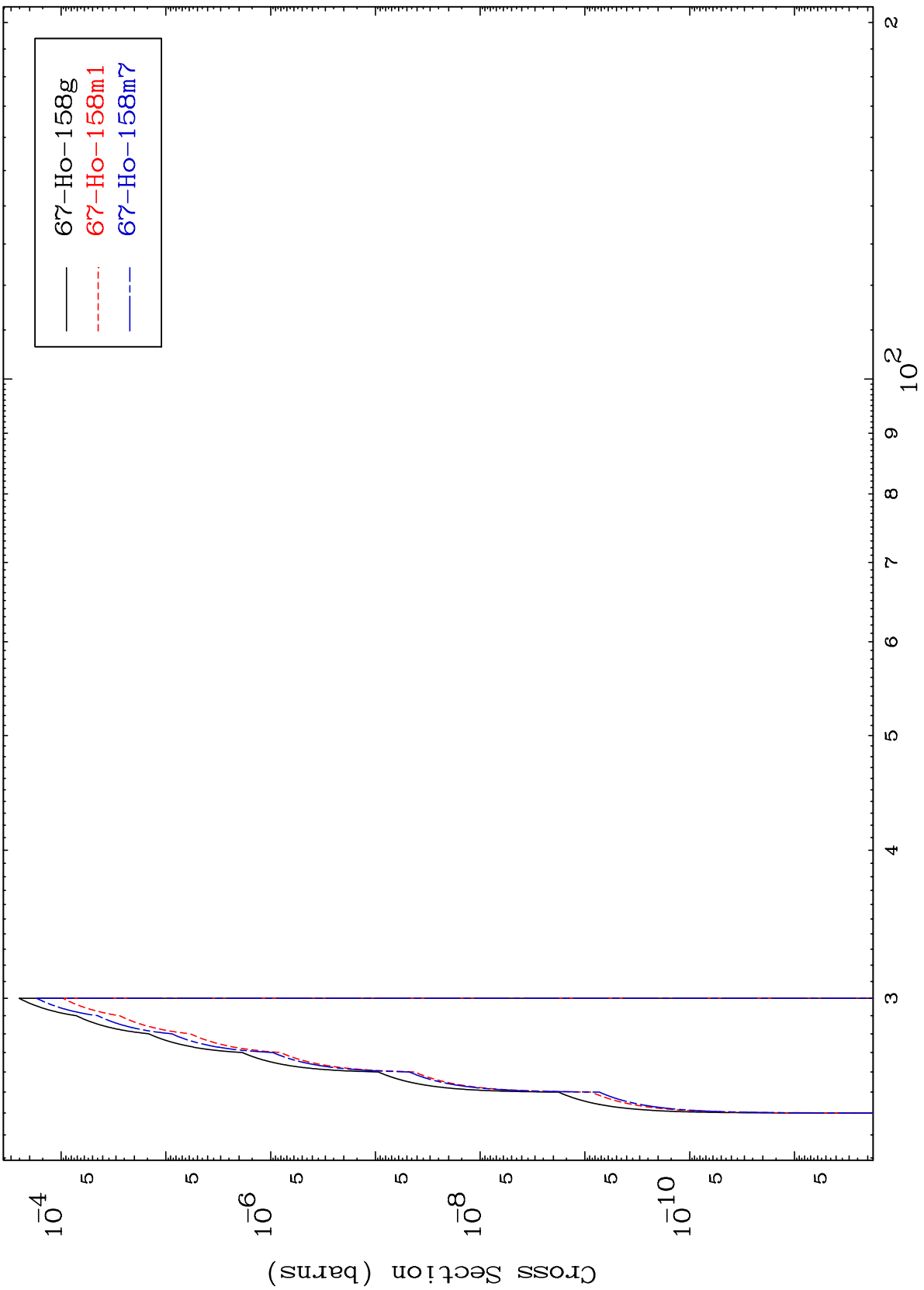
Incident Energy (MeV)

68-Er-161





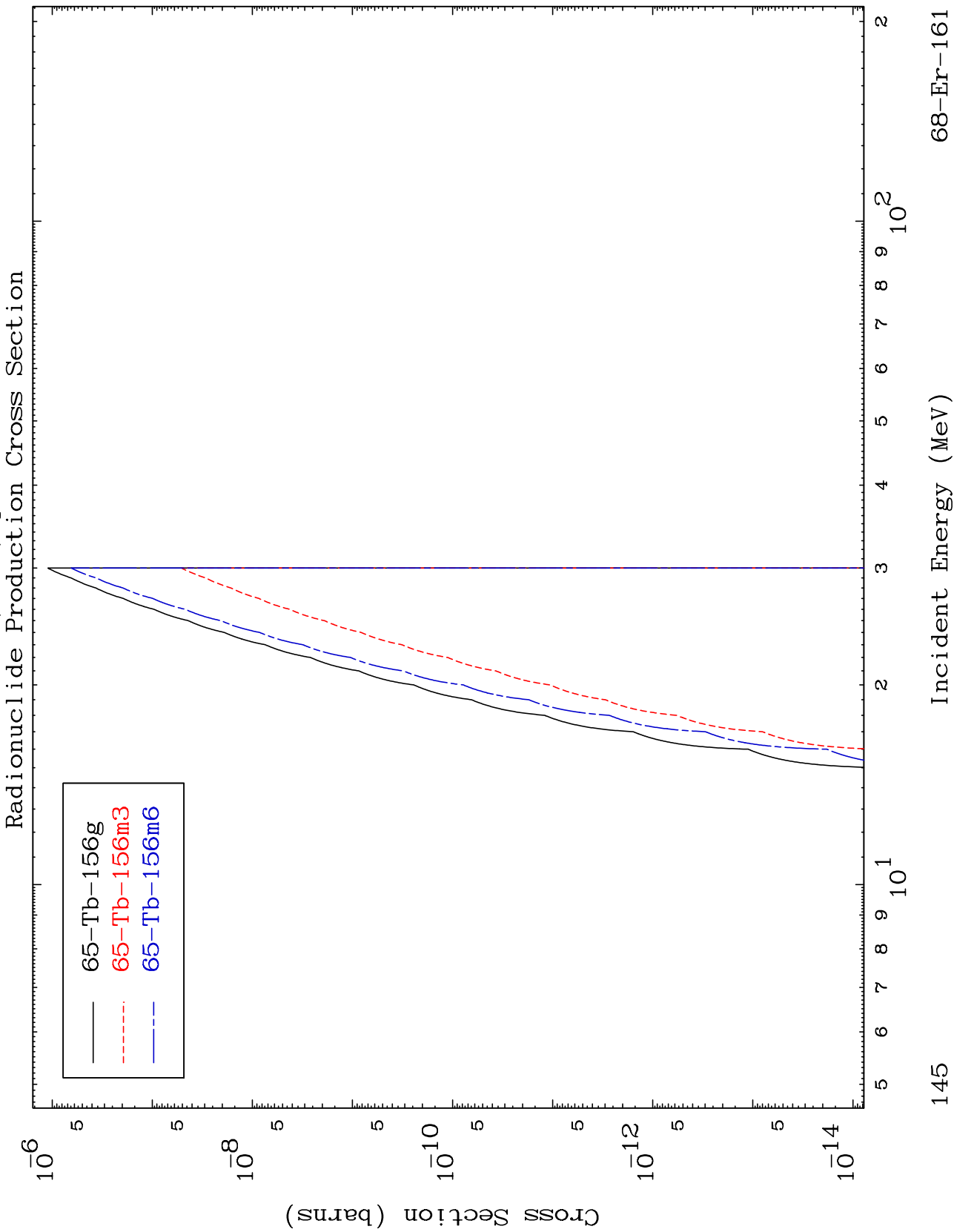
Radionuclide Production Cross Section



MAT 68222

(n,n') p α

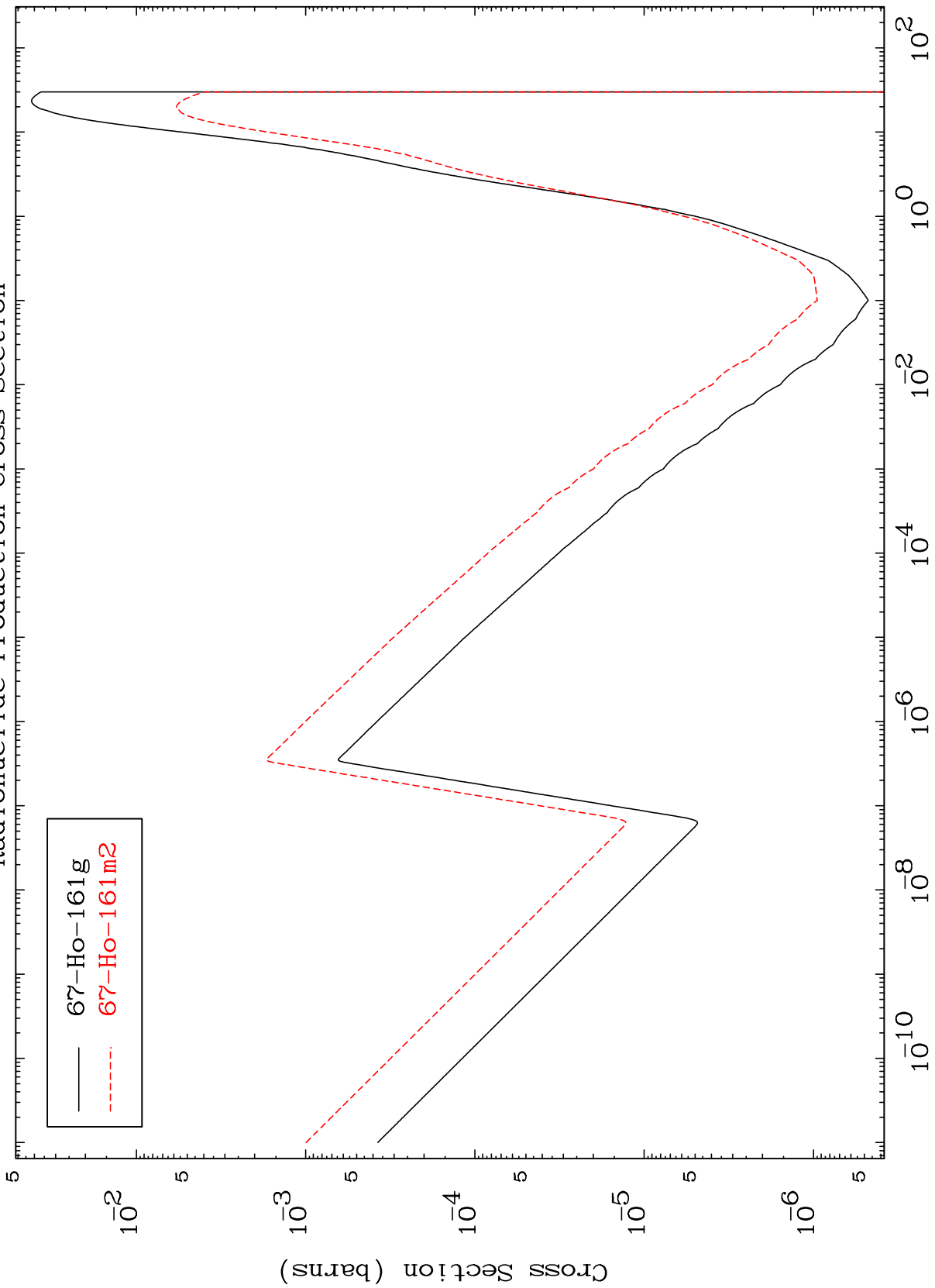
68-Er-161



MAT 6822

68-Er-161

(n,p)
Radionuclide Production Cross Section



— 67-Ho-161 g
- - - 67-Ho-161 m2

68-Er-161

Incident Energy (MeV)

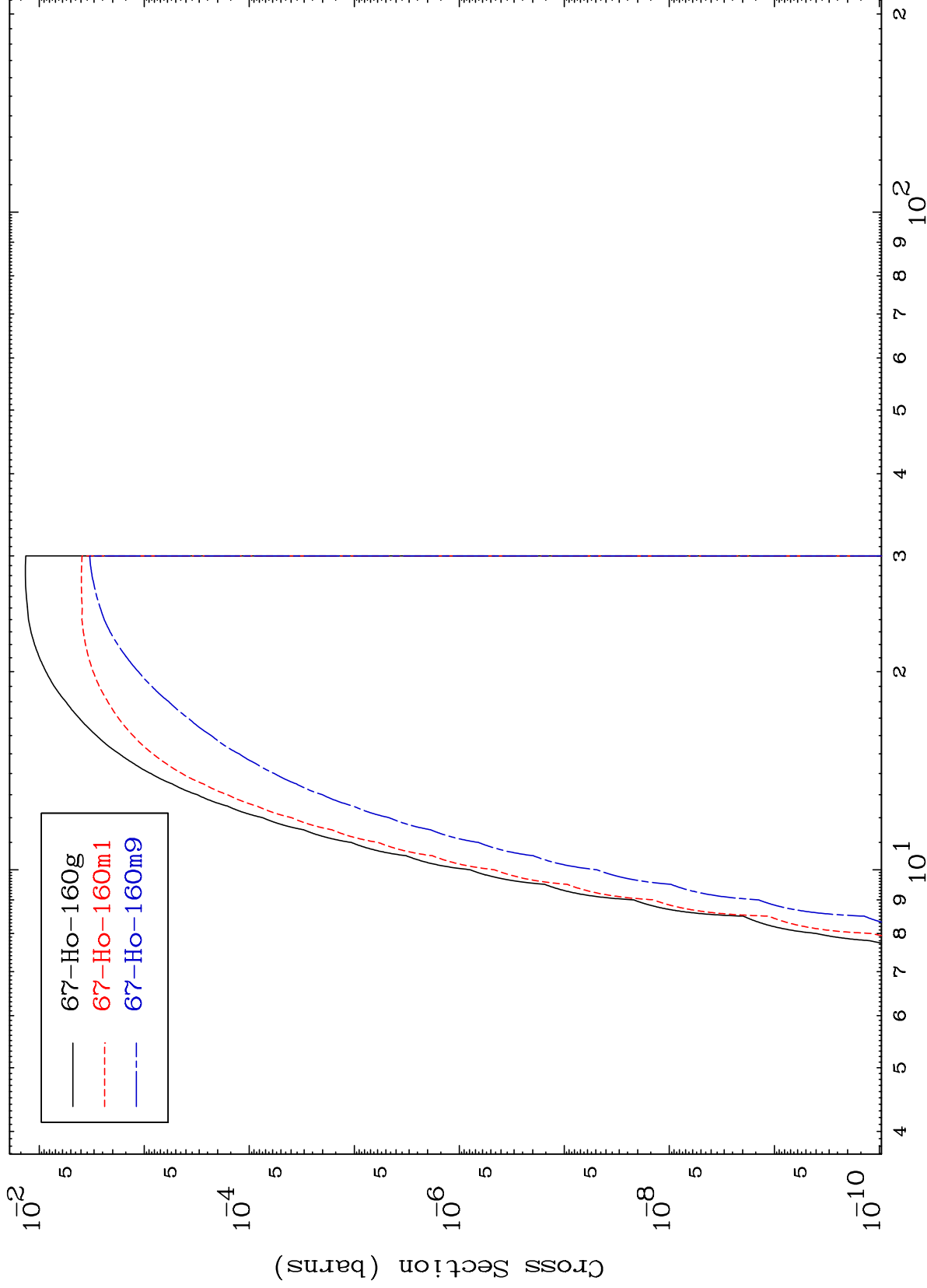
146

MAT 68222

(n,d)

68-Er-161

Radionuclide Production Cross Section



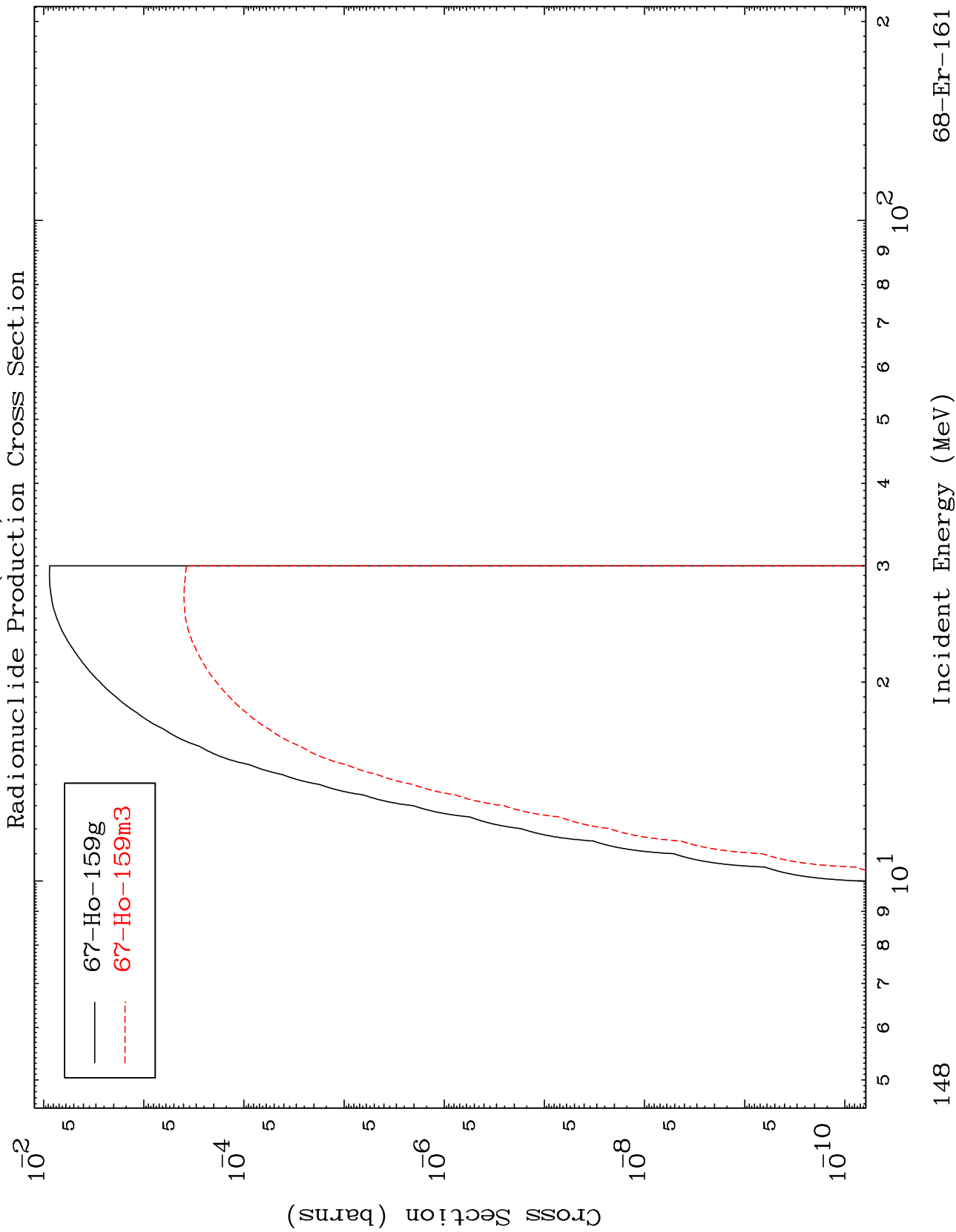
147

Incident Energy (MeV)

68-Er-161

MAT 68222

68-Er-161



148

68-Er-161

Radionuclide Production Cross Section

