

Program EVALPLOT
(Version 2015-2)

by

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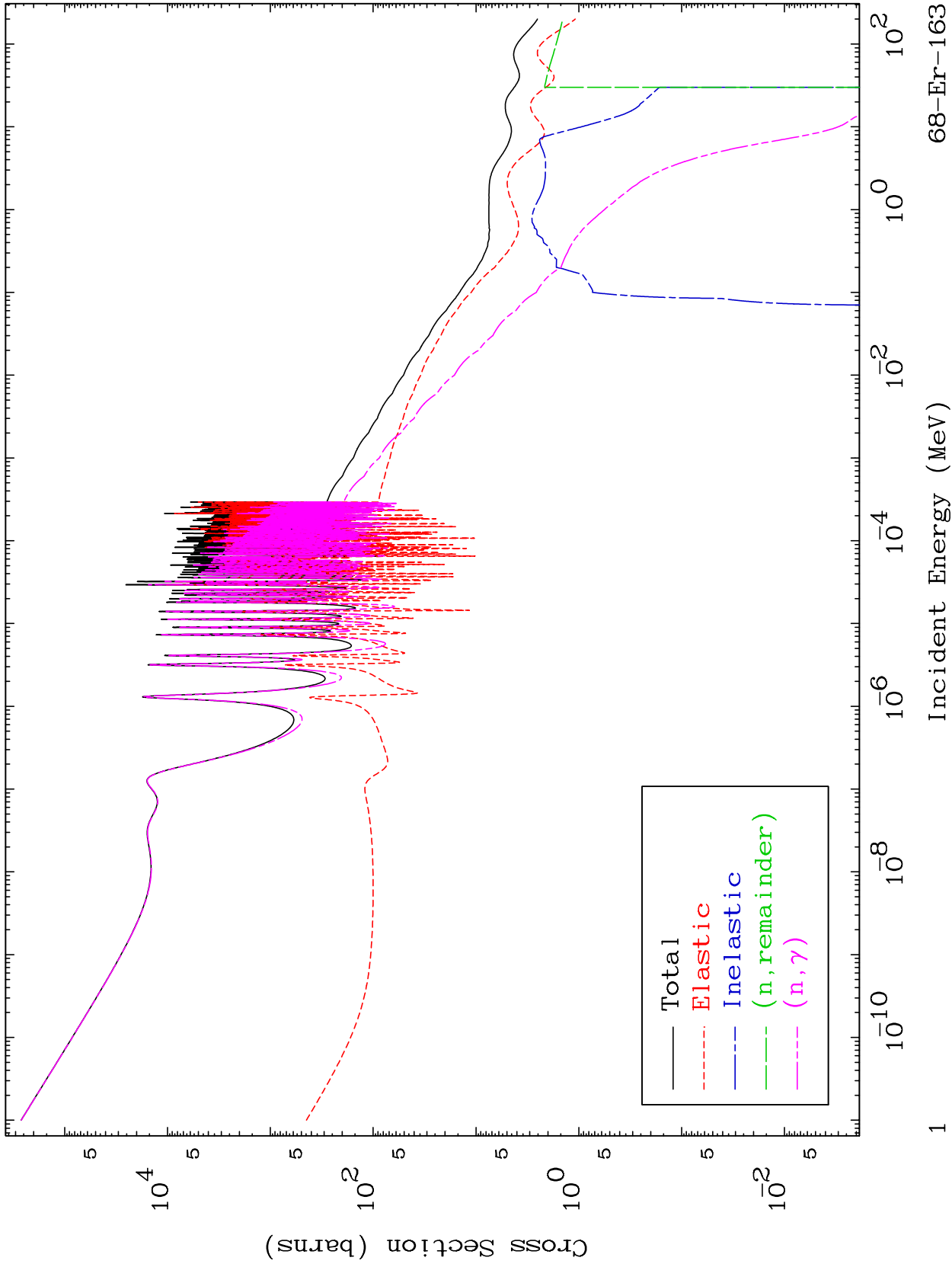
Press Mouse Button to Start

MAT 6828

Major

293 Kelvin Cross Sections

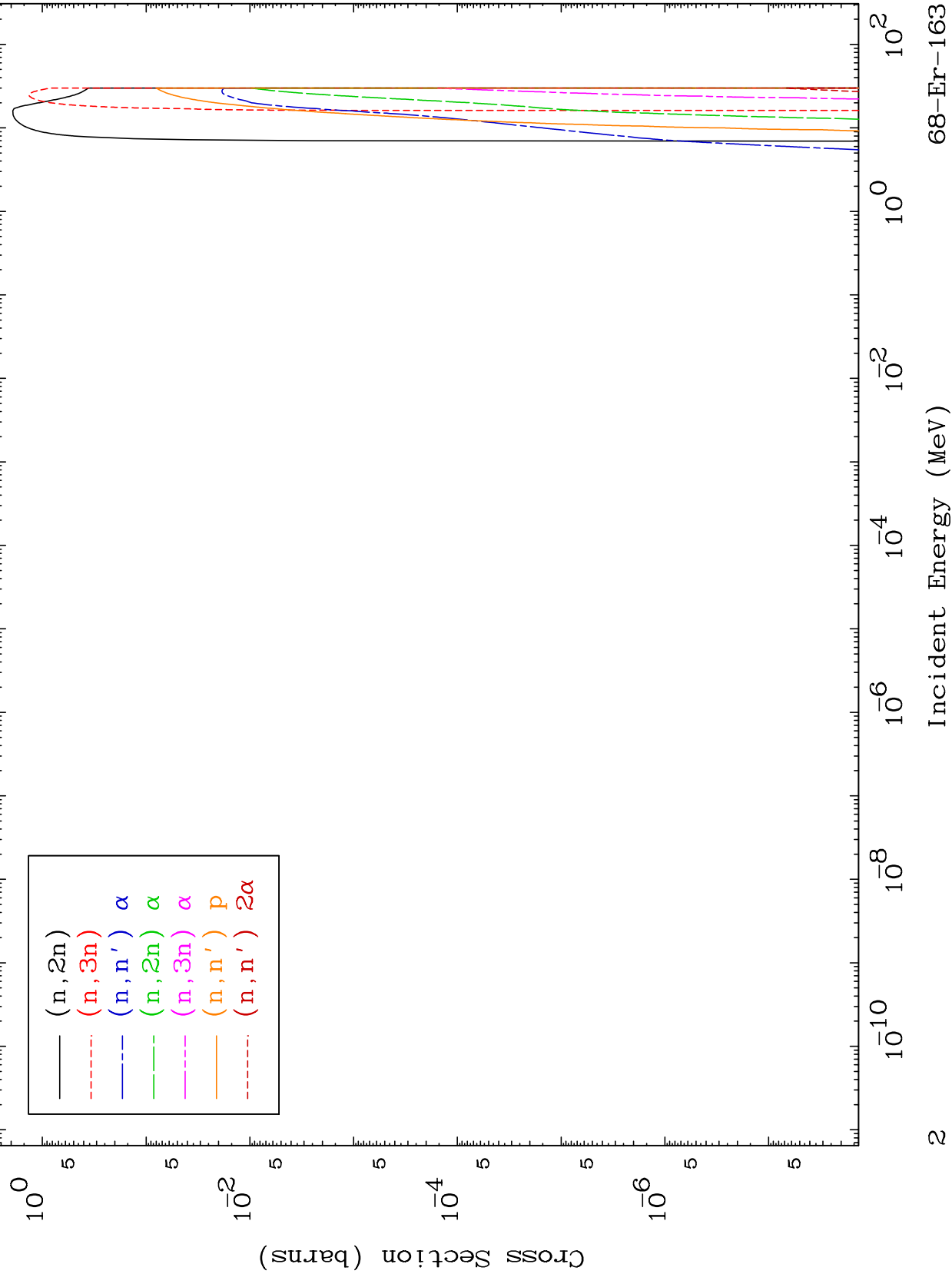
68-Er-163

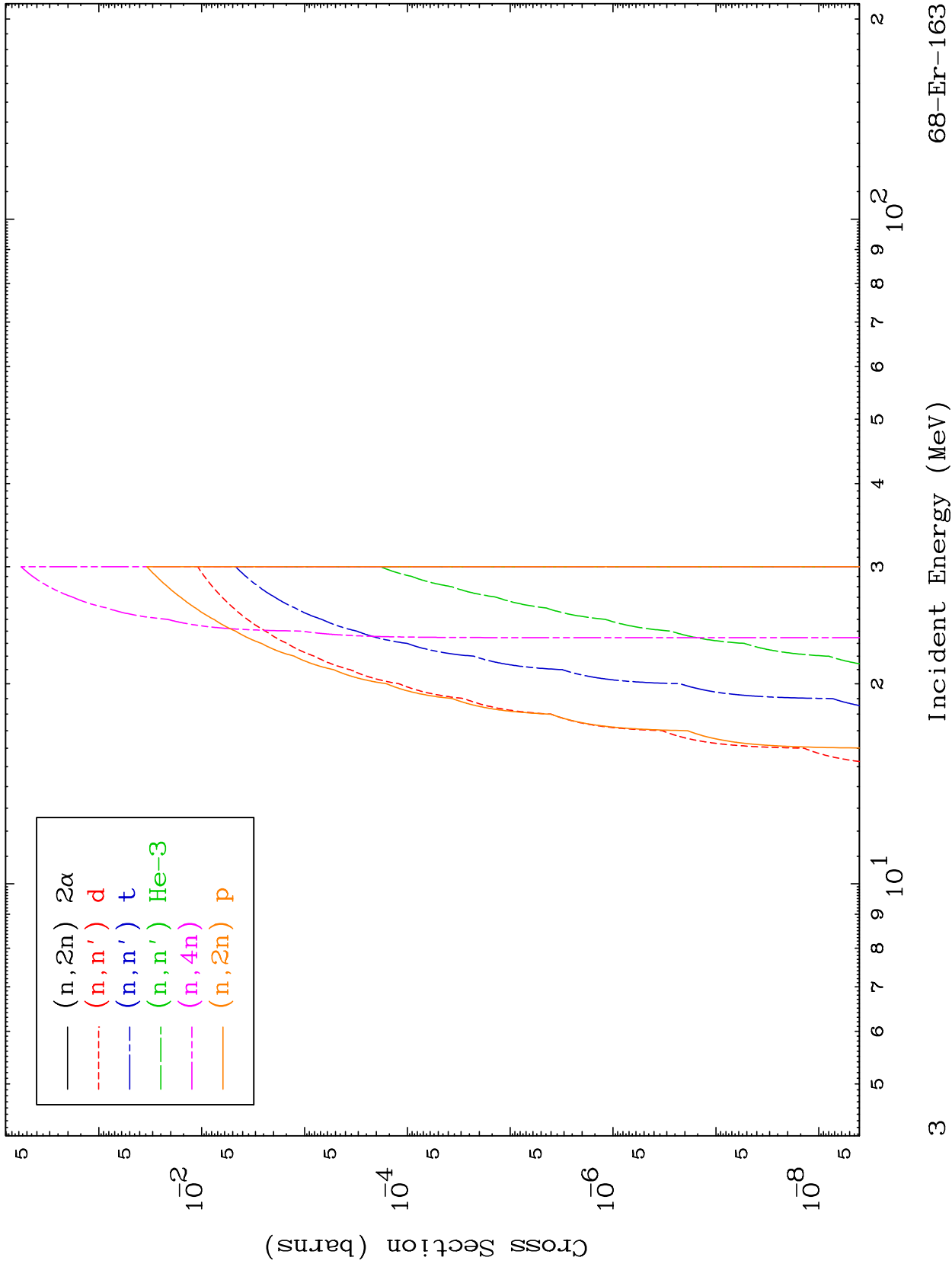


MAT 6828

Neutron Production
293 Kelvin Cross Sections

68-Er-163

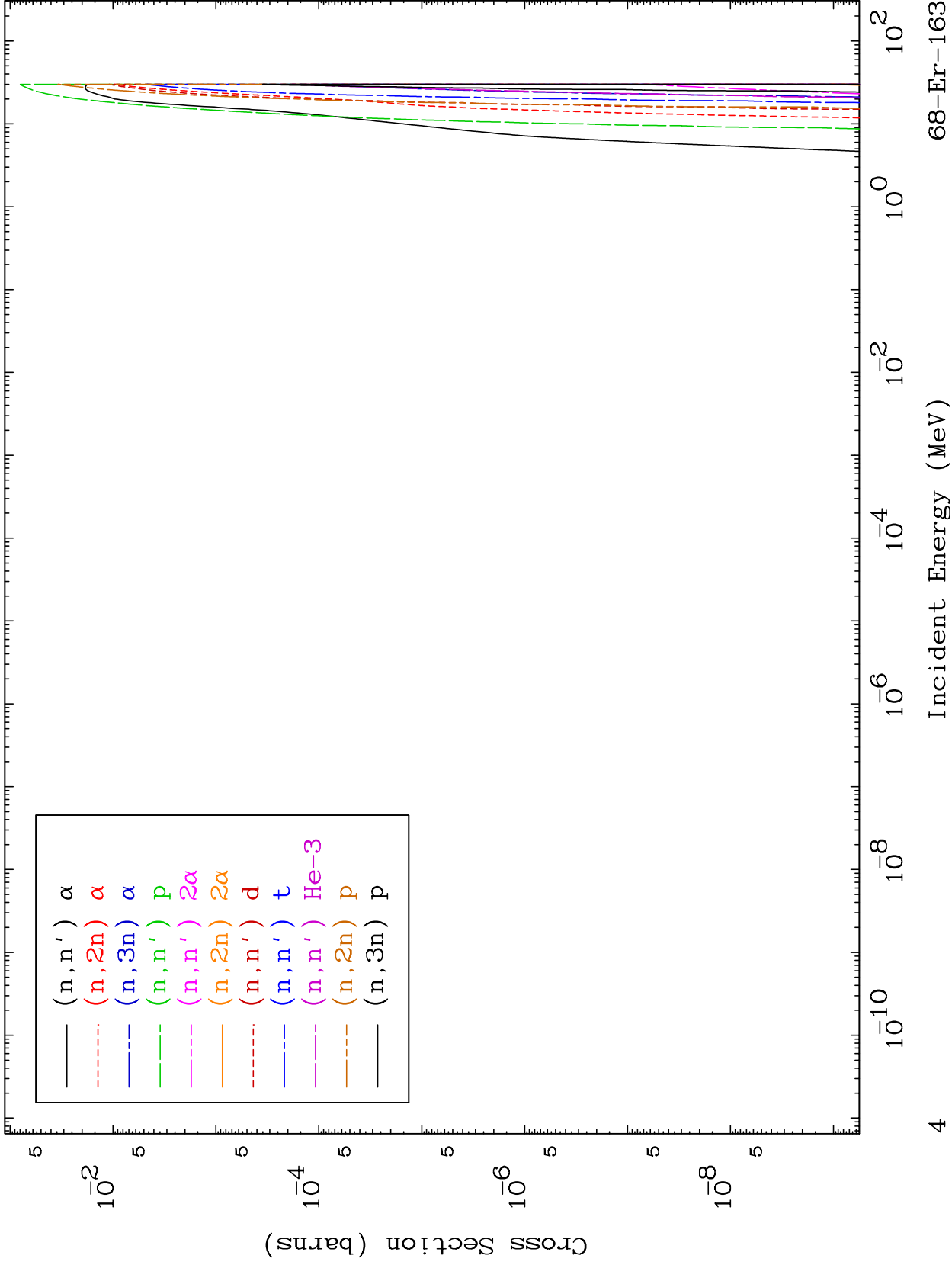


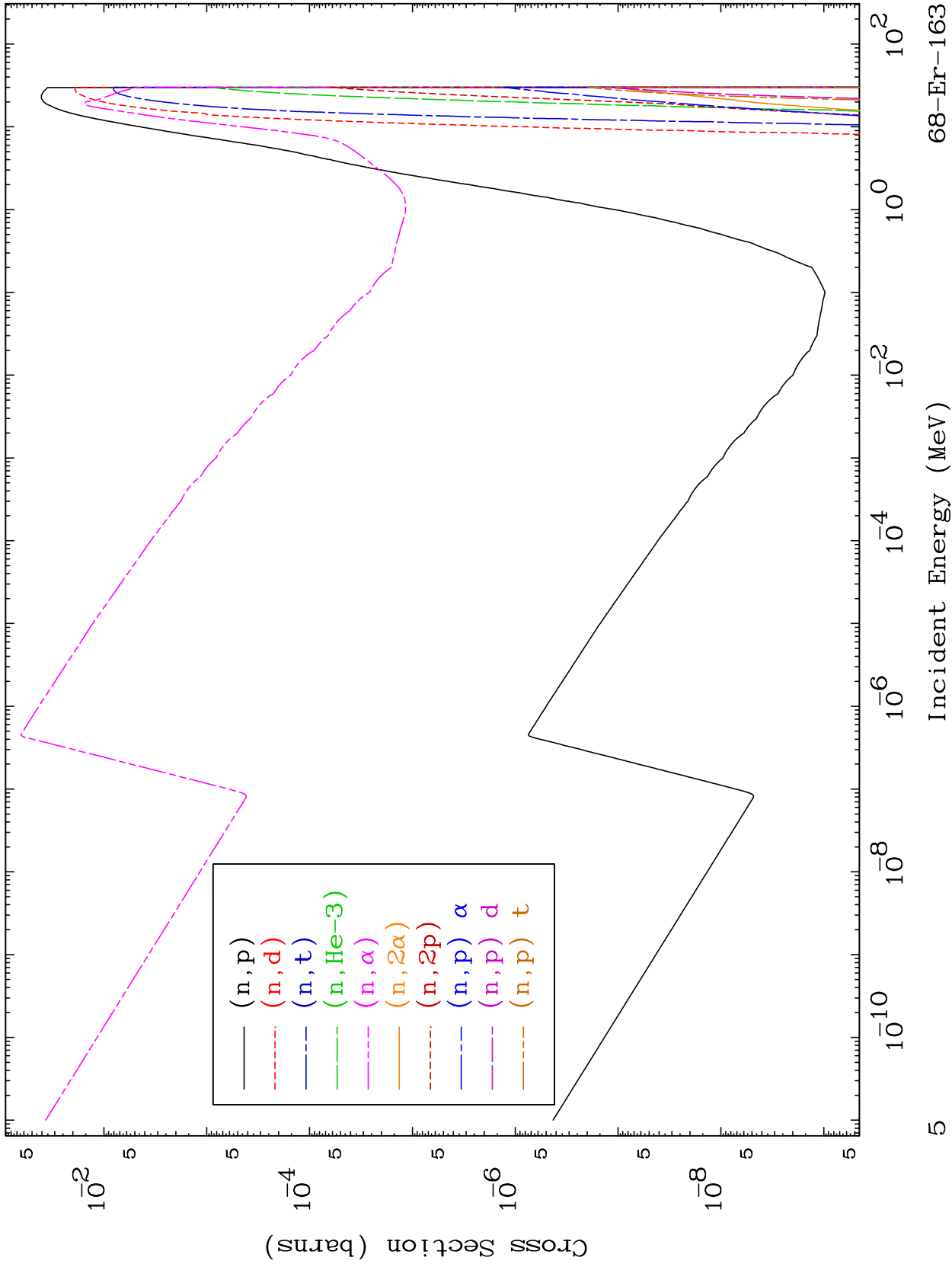


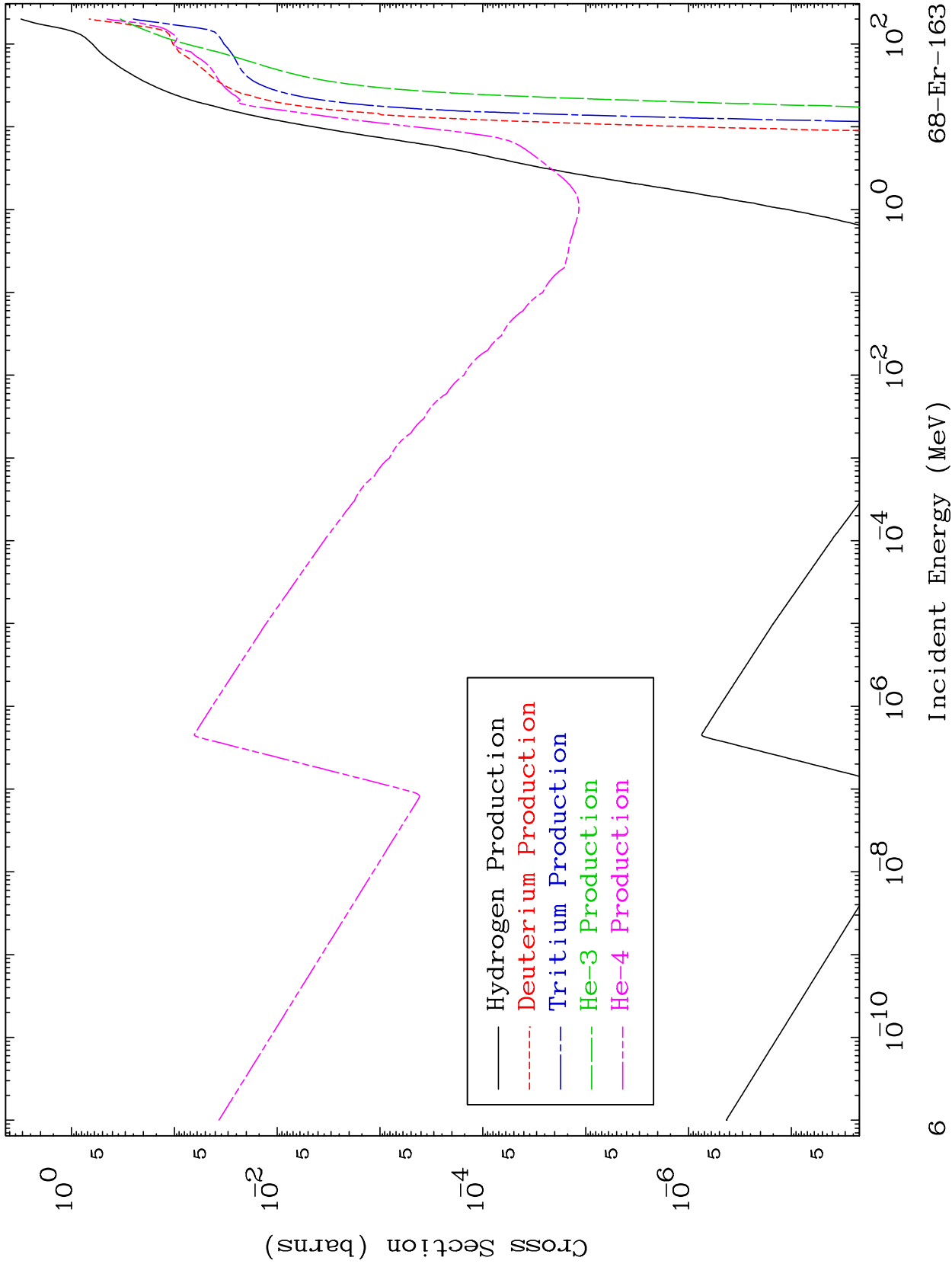
MAT 6828

Charged Particle
293 Kelvin Cross Sections

68-Er-163



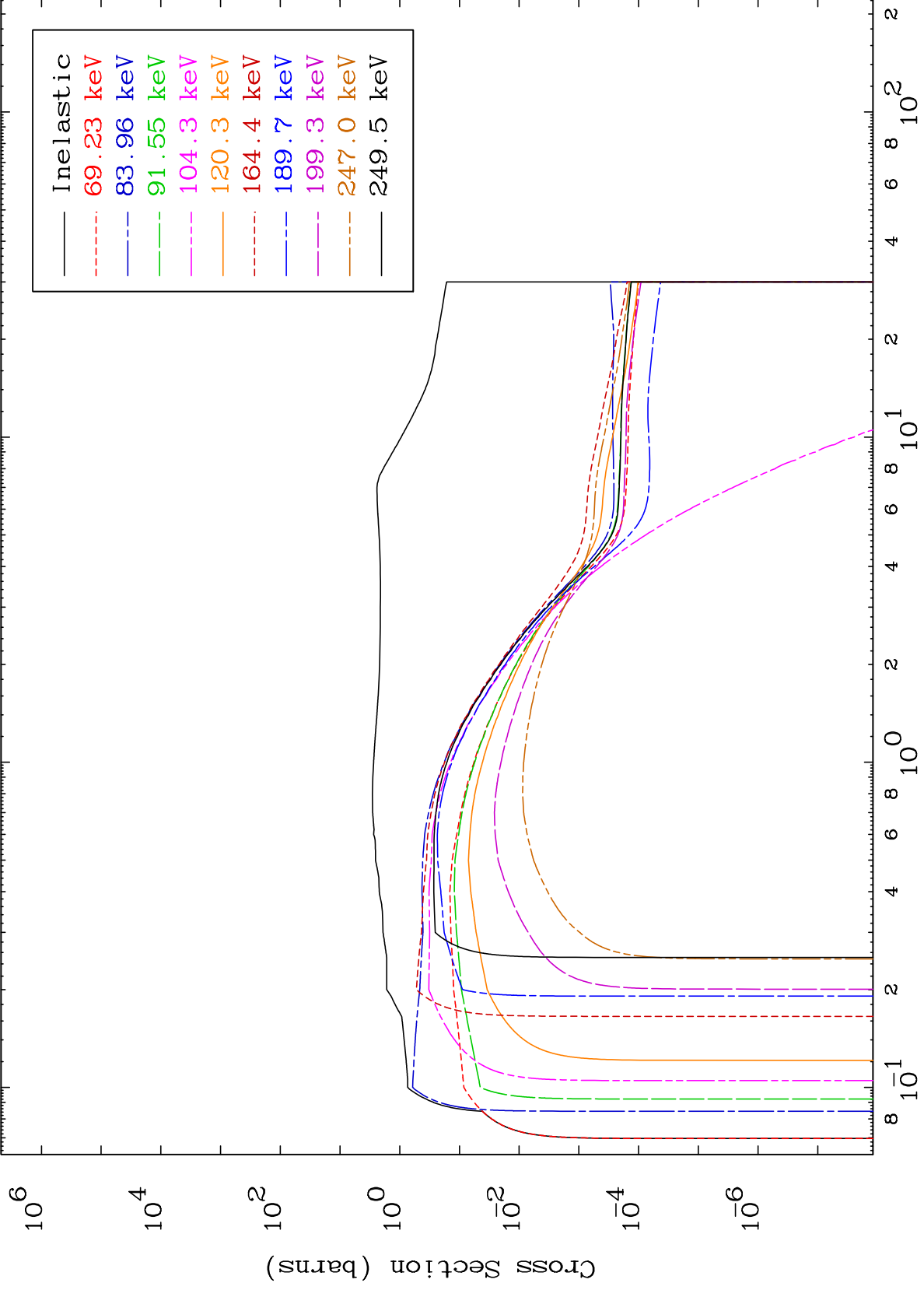




MAT 6828

(n,n') Level
293 Kelvin Cross Sections

68-Er-163



7

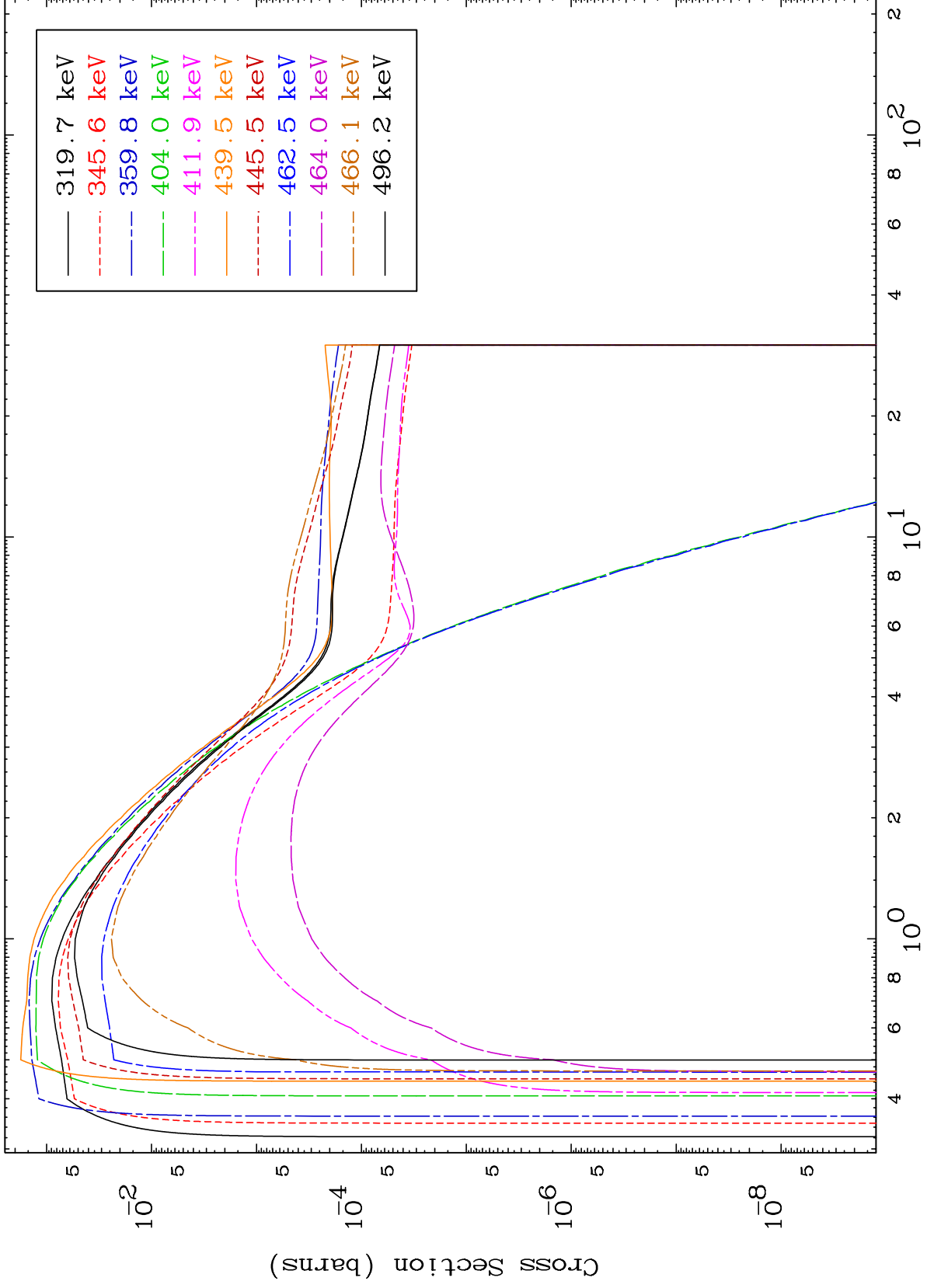
Incident Energy (MeV)

68-Er-163

MAT 6828

(n,n') Level
293 Kelvin Cross Sections

68-Er-163

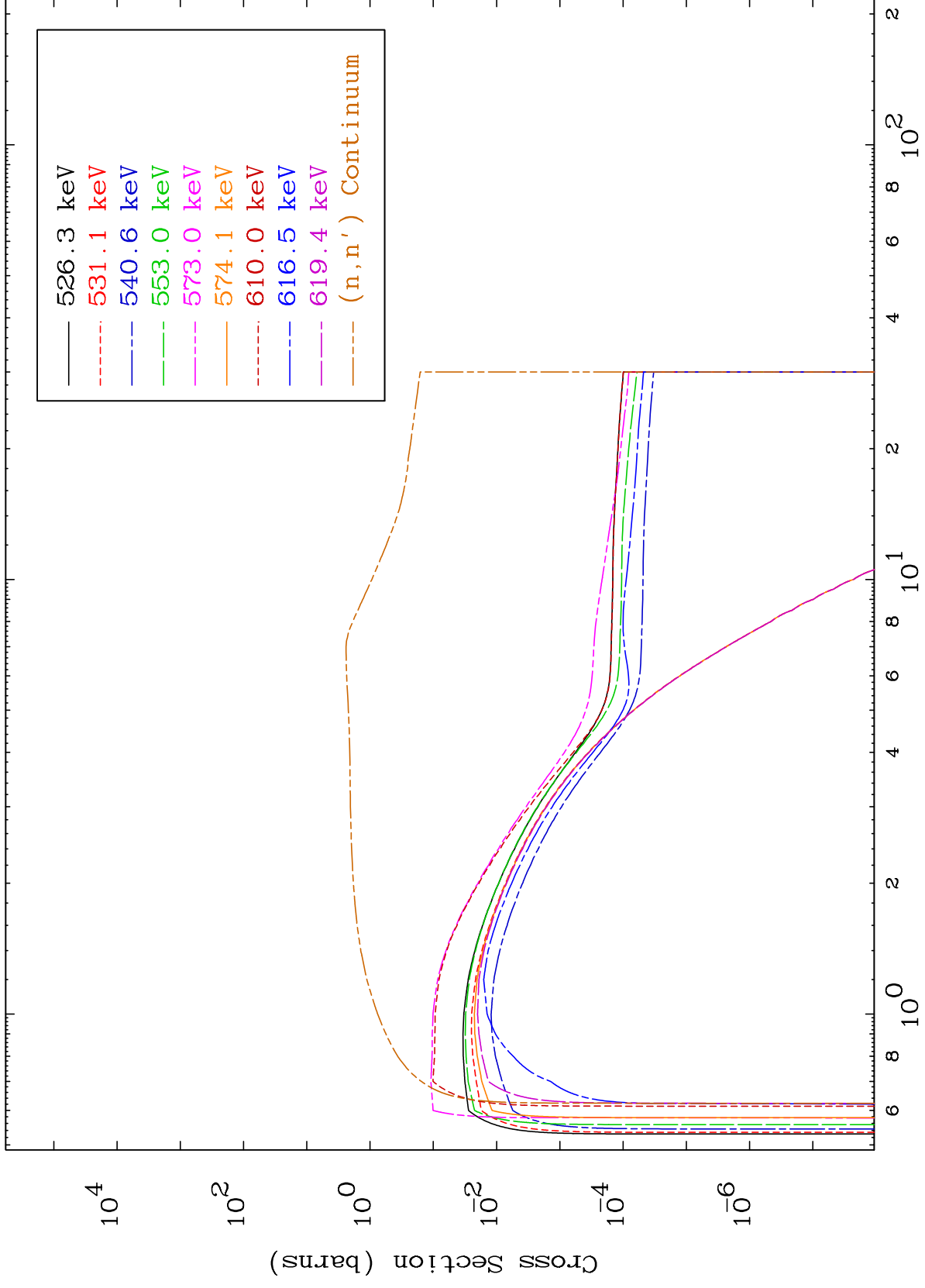


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Incident Energy (MeV)

68-Er-163

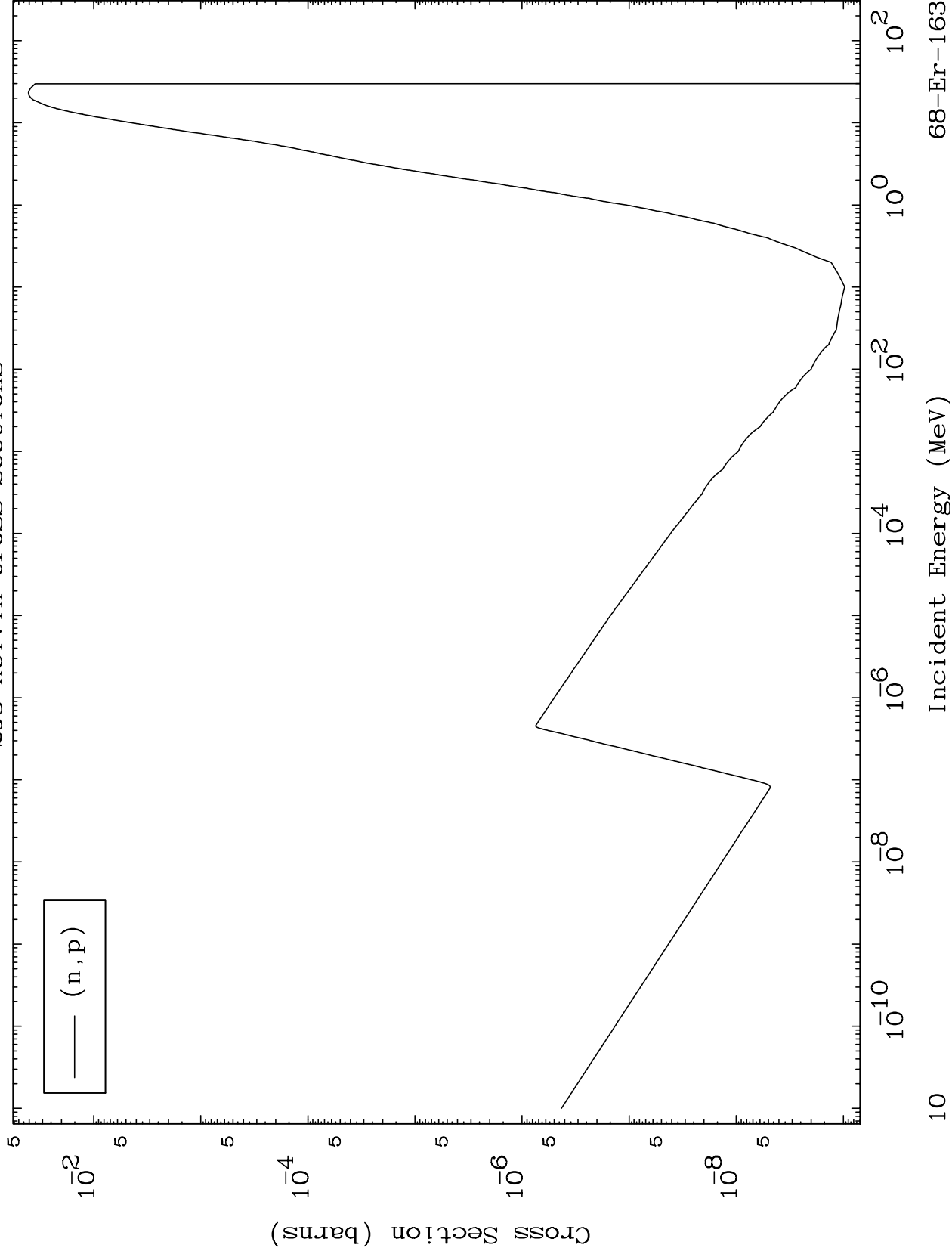
293 Kelvin Cross Sections



MAT 6828

(n,p) Levels
293 Kelvin Cross Sections

68-Er-163



10

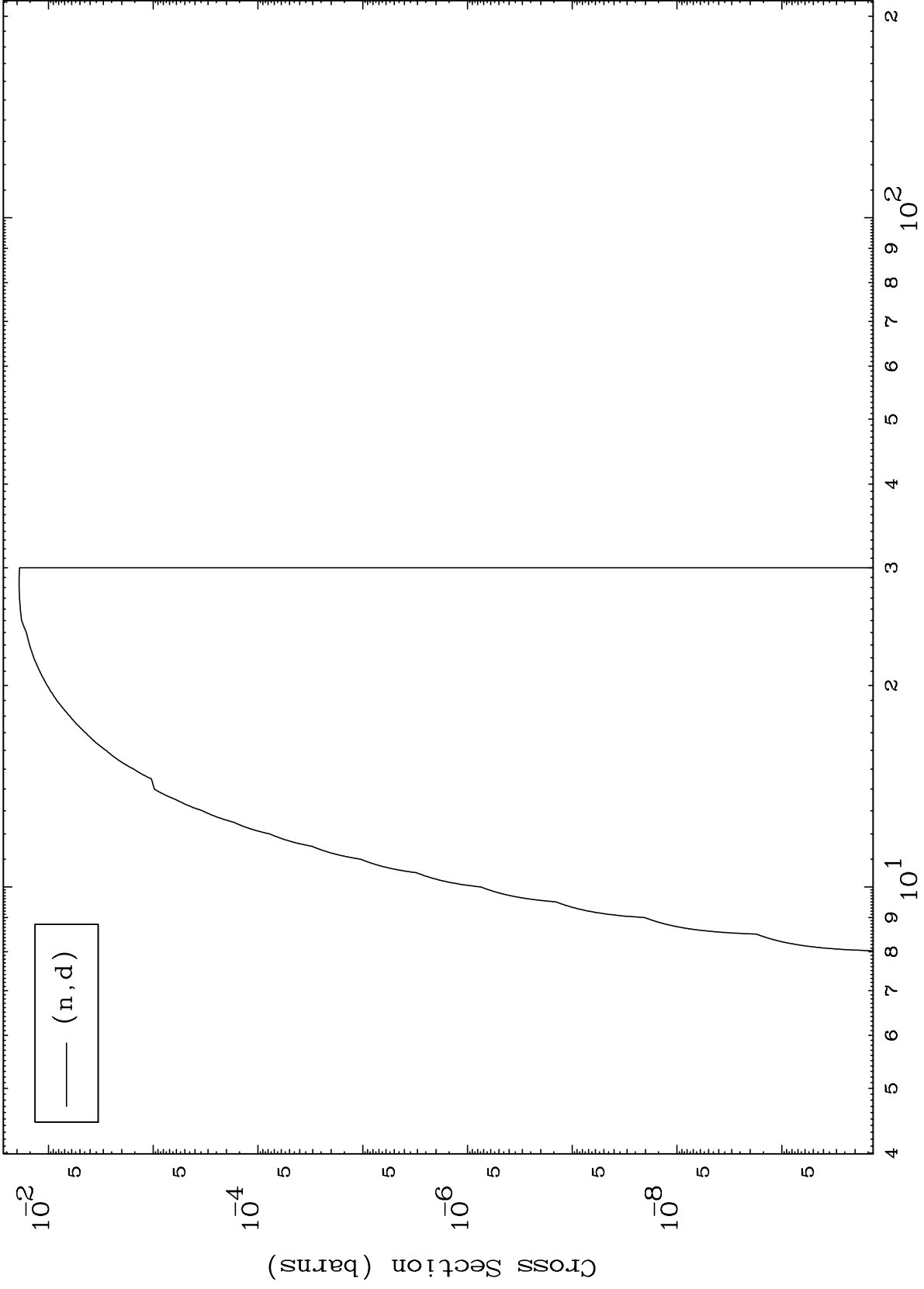
Incident Energy (MeV)

68-Er-163

MAT 6828

(n,d) Levels
293 Kelvin Cross Sections

68-Er-163



11

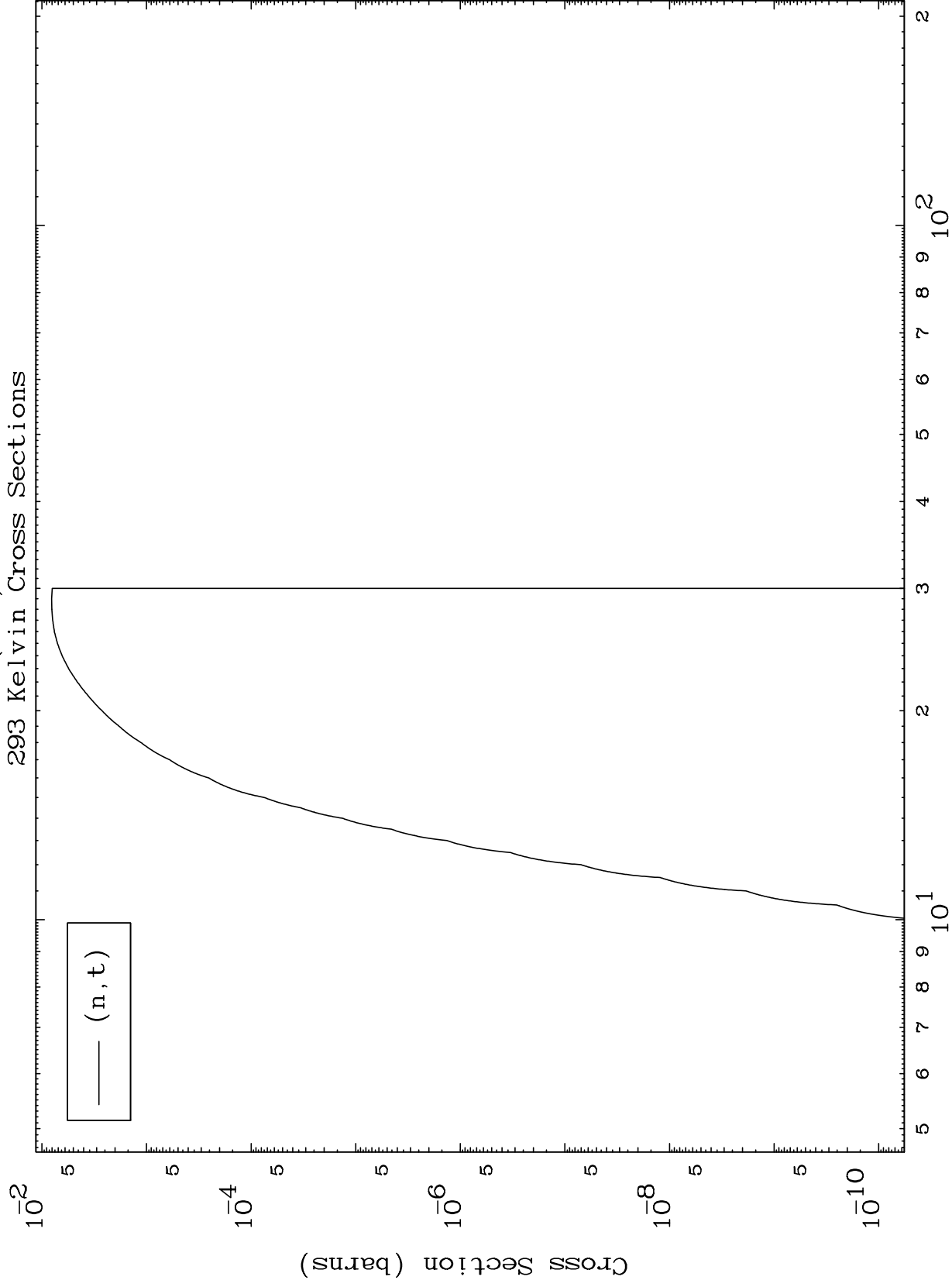
Incident Energy (MeV)

68-Er-163

MAT 6828

(n,t) Levels
293 Kelvin Cross Sections

68-Er-163



12

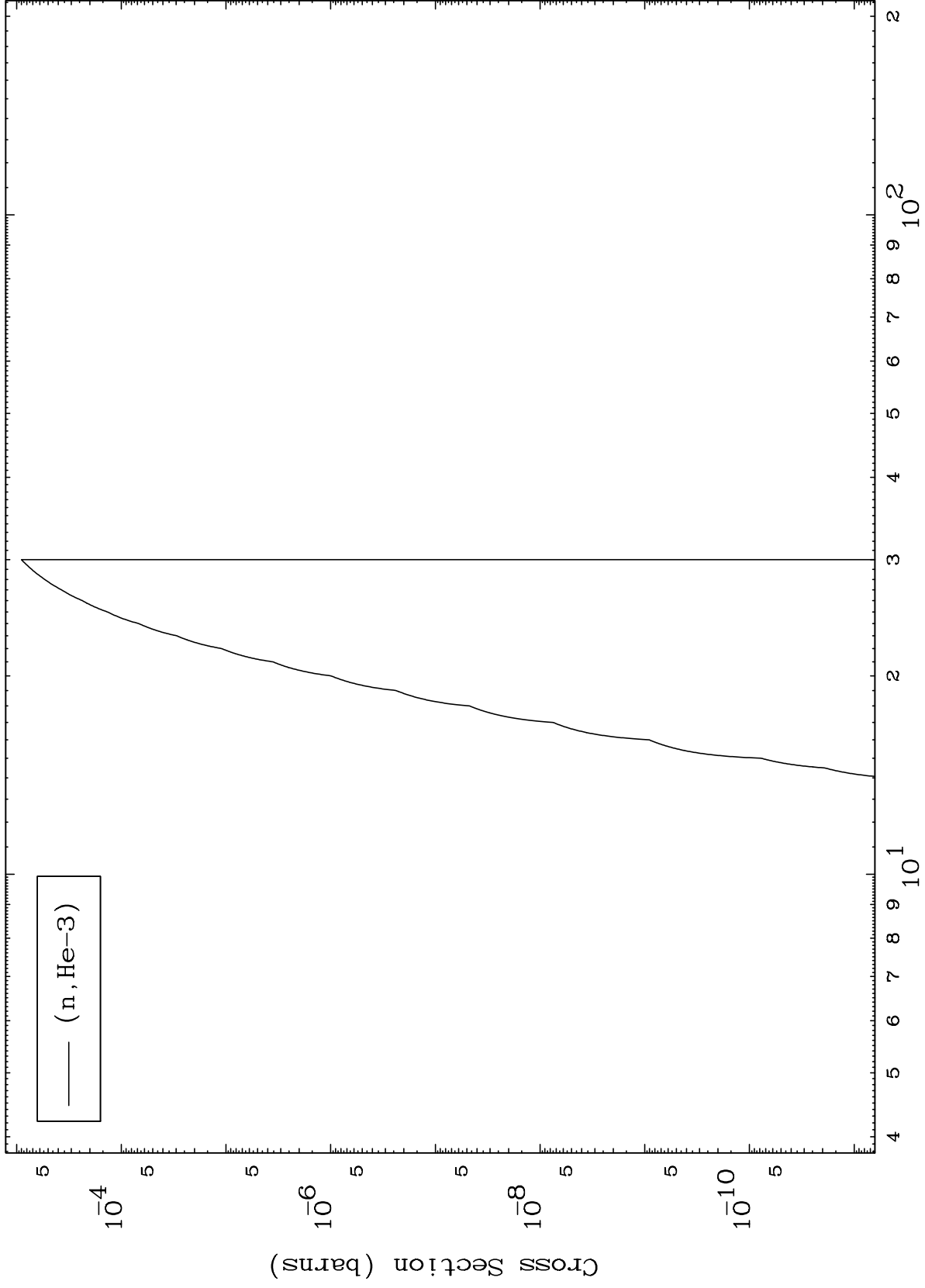
Incident Energy (MeV)

68-Er-163

MAT 6828

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-163



13

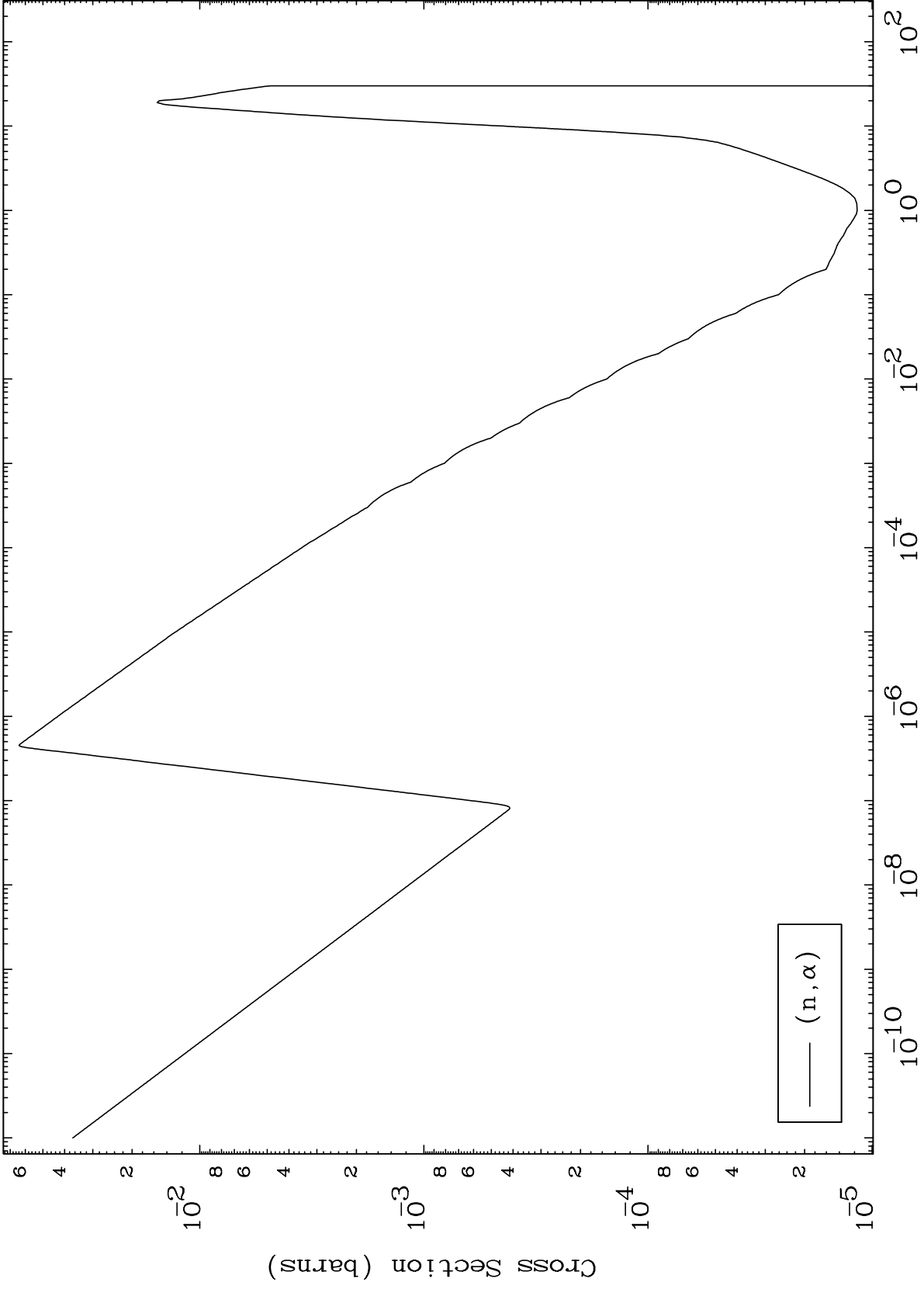
Incident Energy (MeV)

68-Er-163

MAT 6828

(n, α) Levels
293 Kelvin Cross Sections

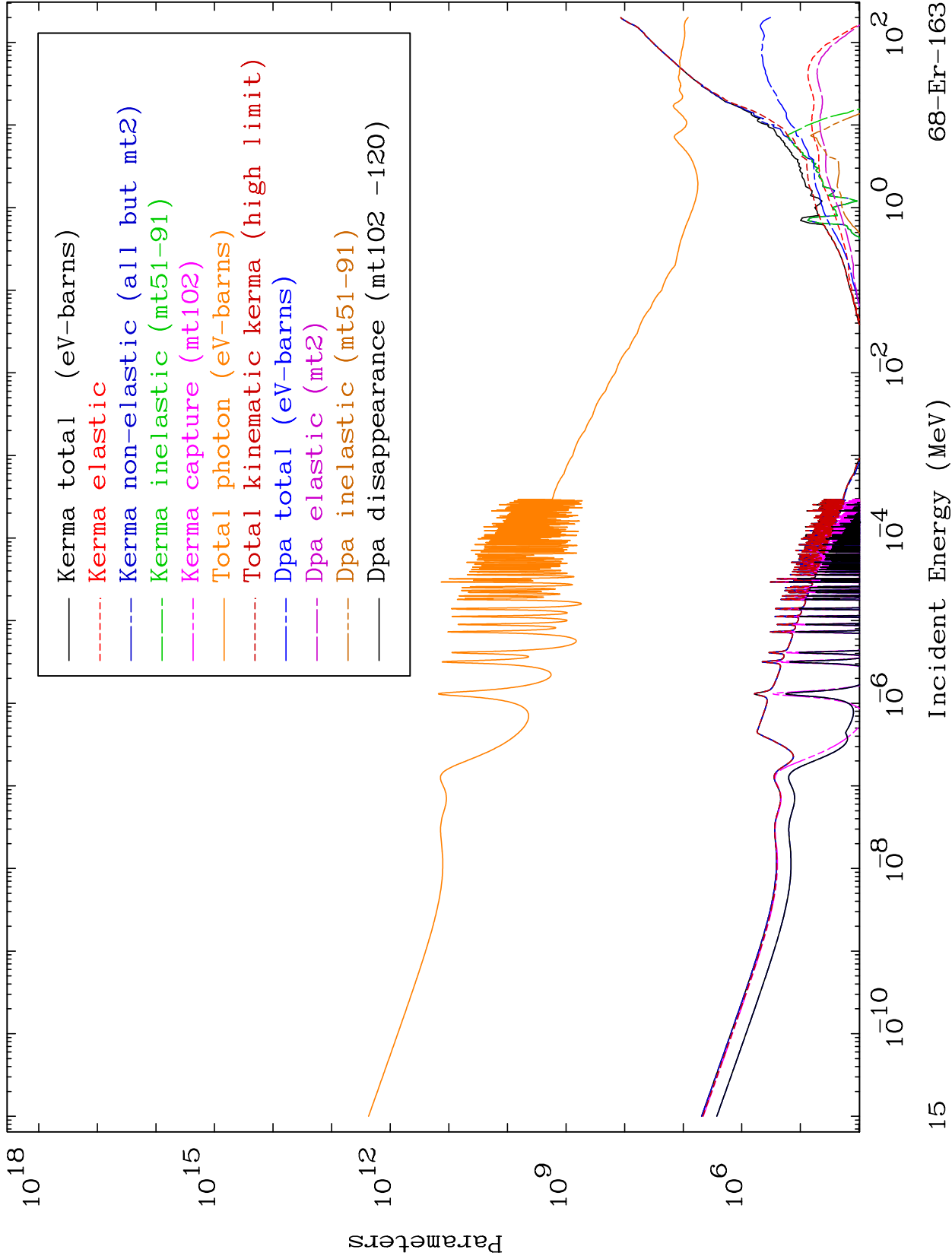
68-Er-163



14

Incident Energy (MeV)

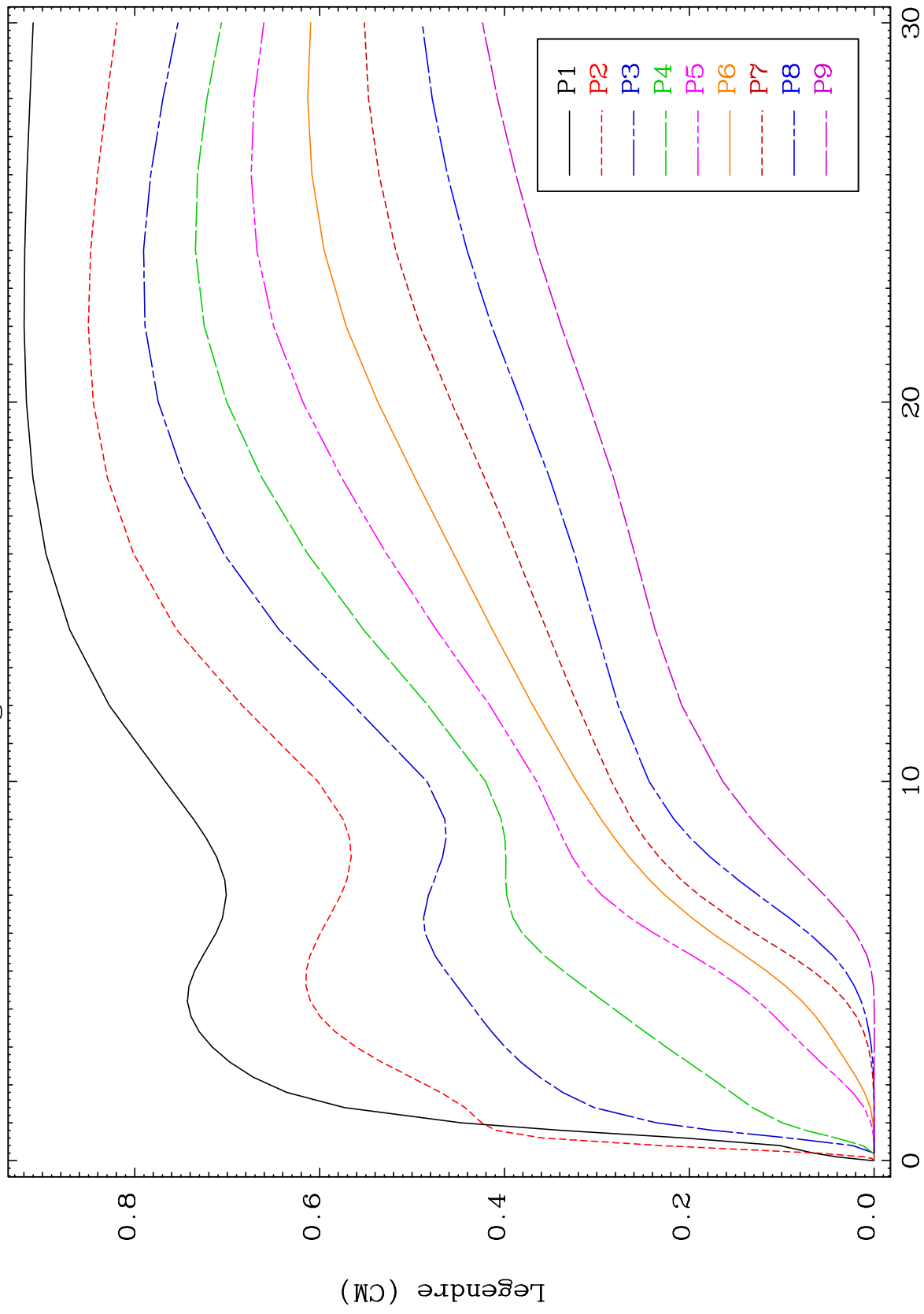
68-Er-163



MAT 6828

Elastic Legendre Coefficients

68-Er-163



16

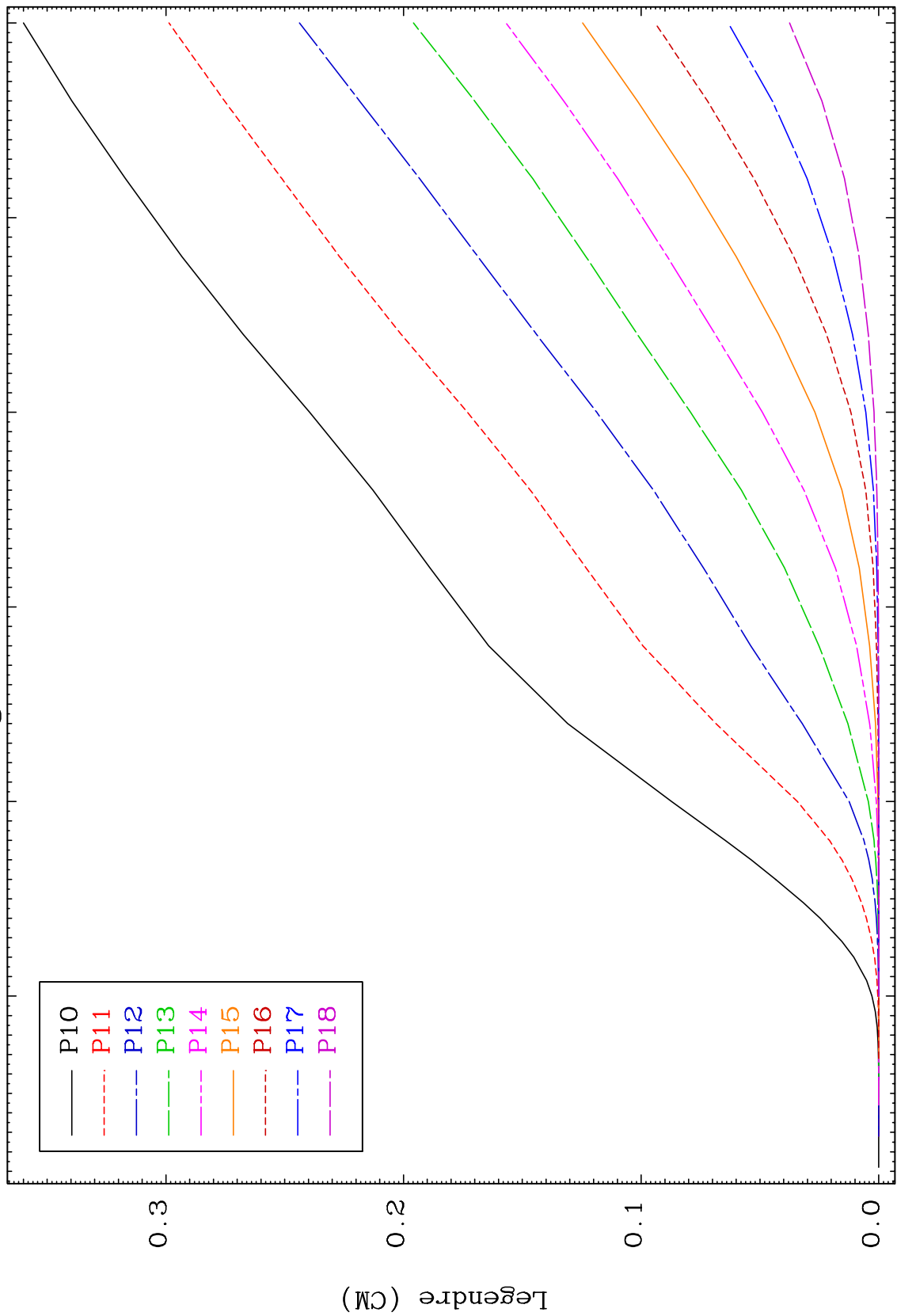
Incident Energy (MeV)

68-Er-163

MAT 6828

Elastic
Legendre Coefficients

68-Er-163



17

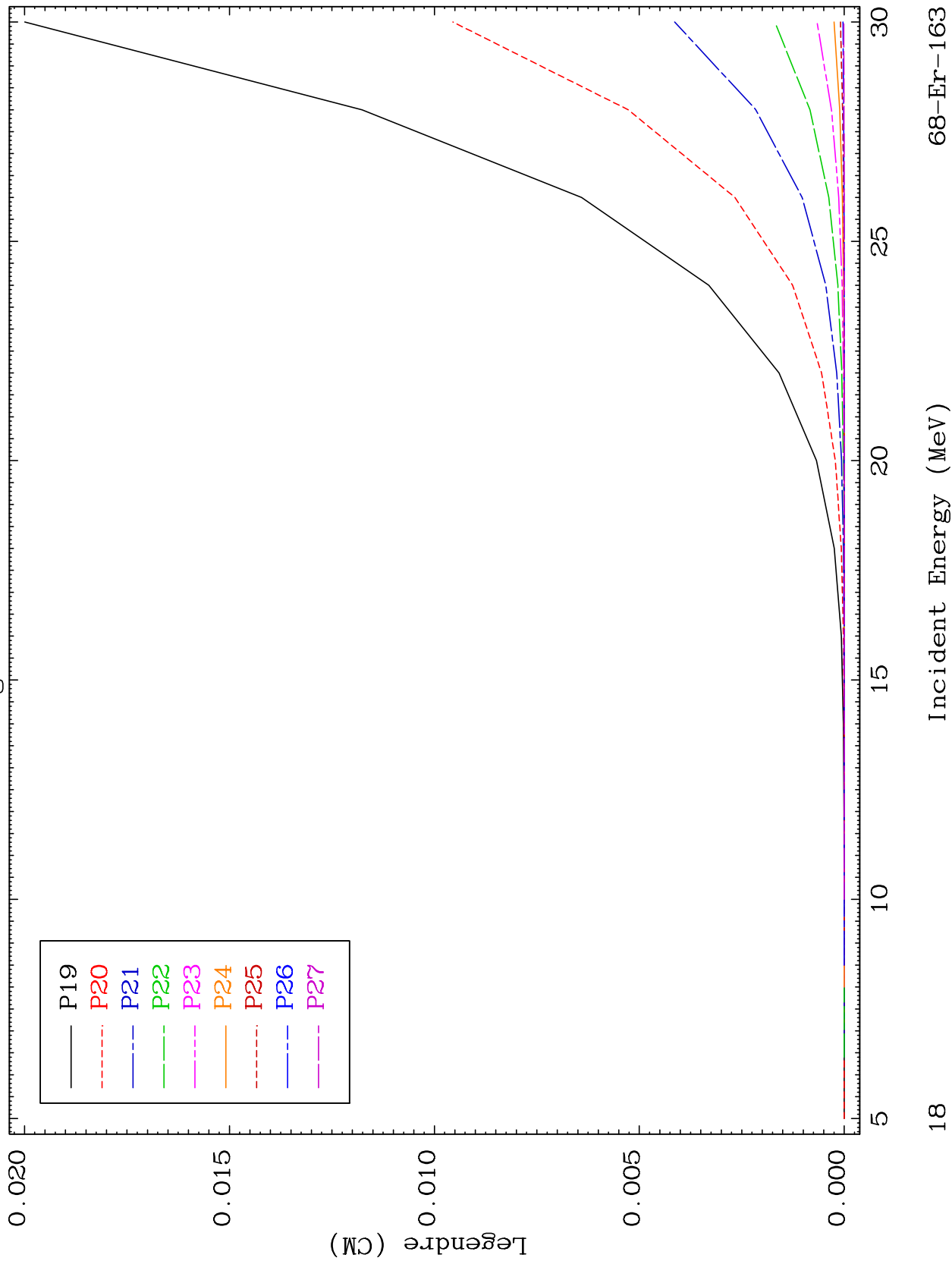
Incident Energy (MeV)

68-Er-163

MAT 6828

Elastic Legendre Coefficients

68-Er-163

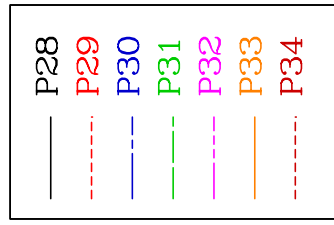


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

MAT 6828

Elastic Legendre Coefficients

68-Er-163

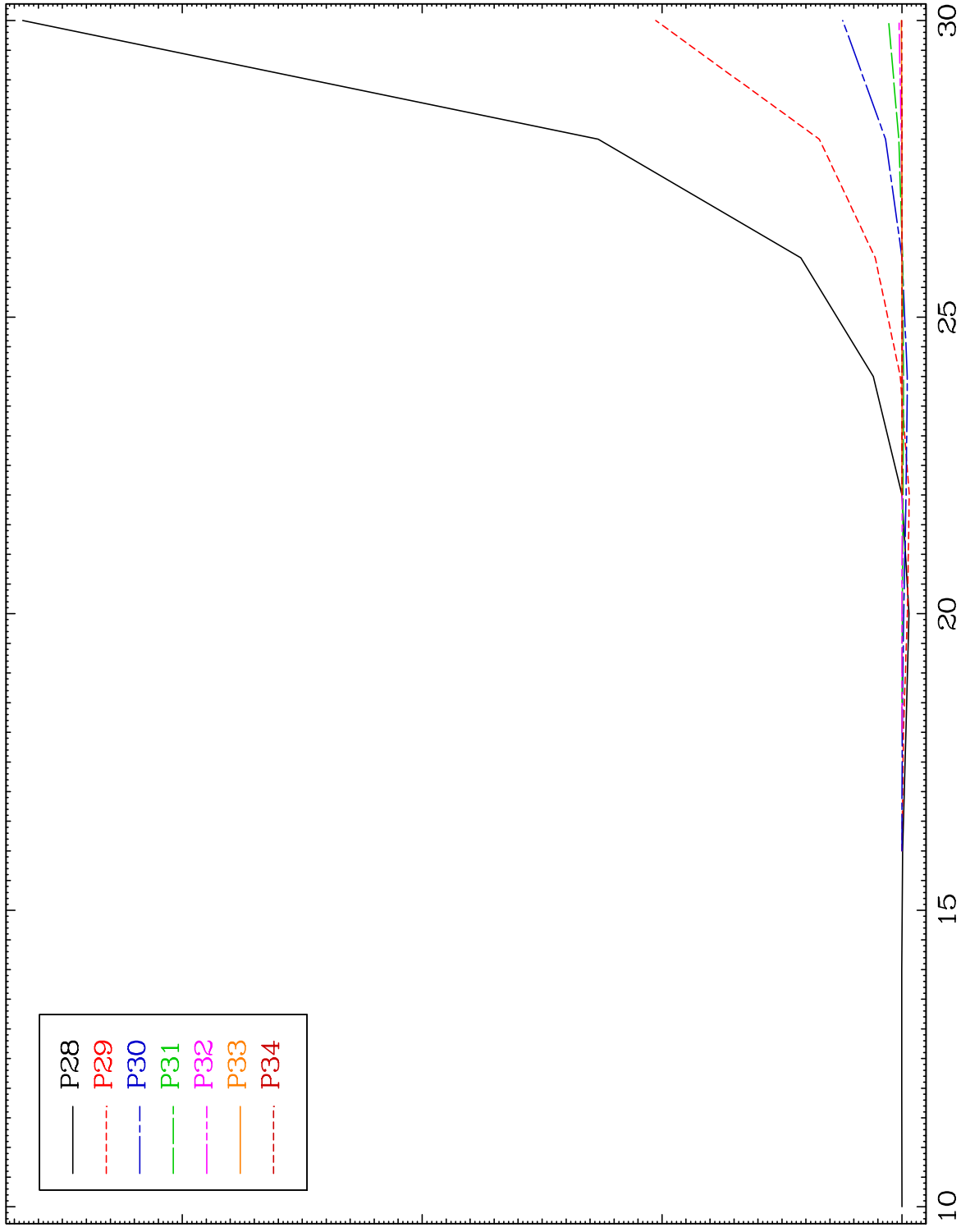


$\times 10^{-6}$

Legendre (CM)

Incident Energy (MeV)

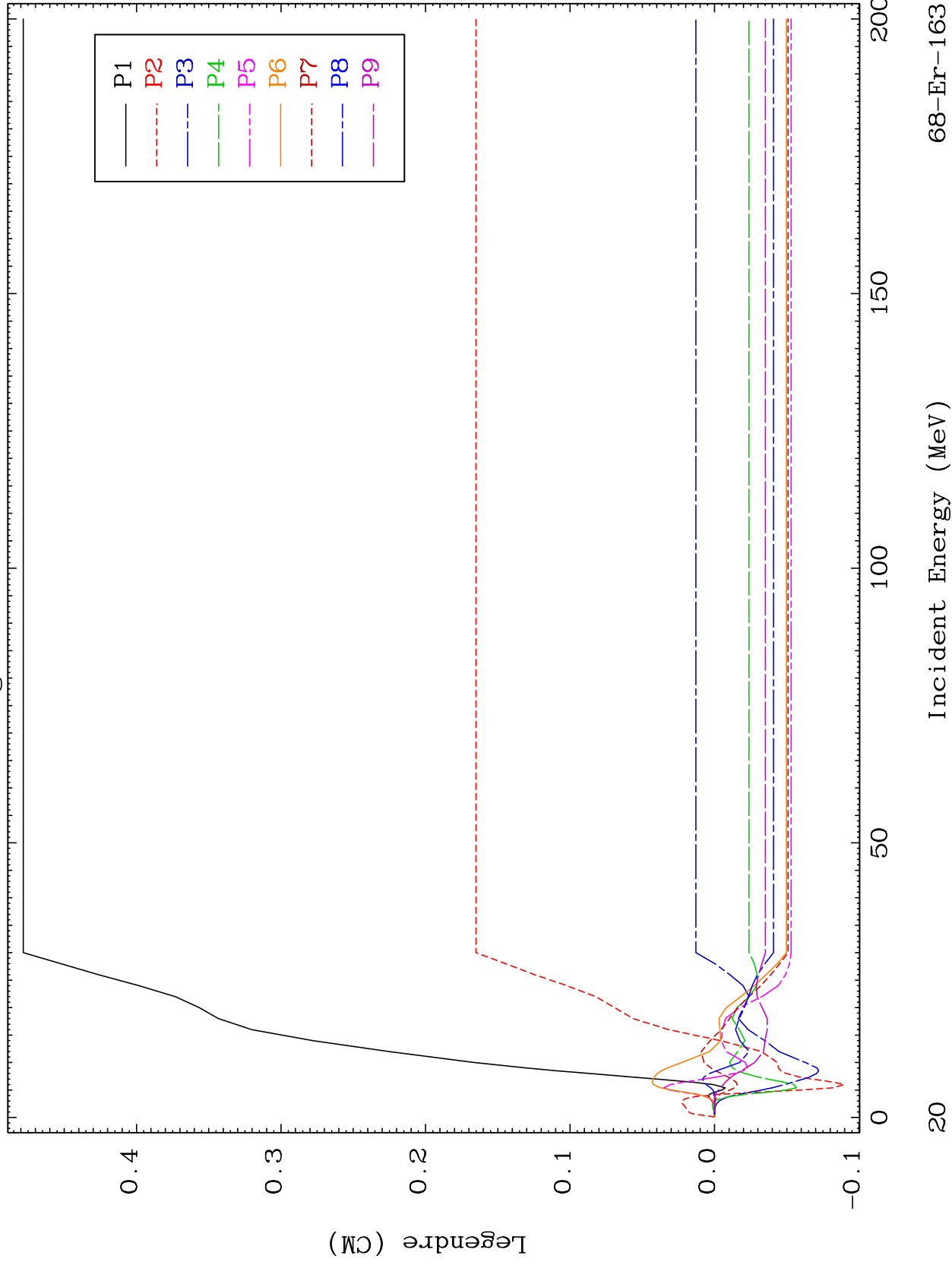
68-Er-163



MAT 6828

69.23 keV (n,n') Level
Legendre Coefficients

68-Er-163

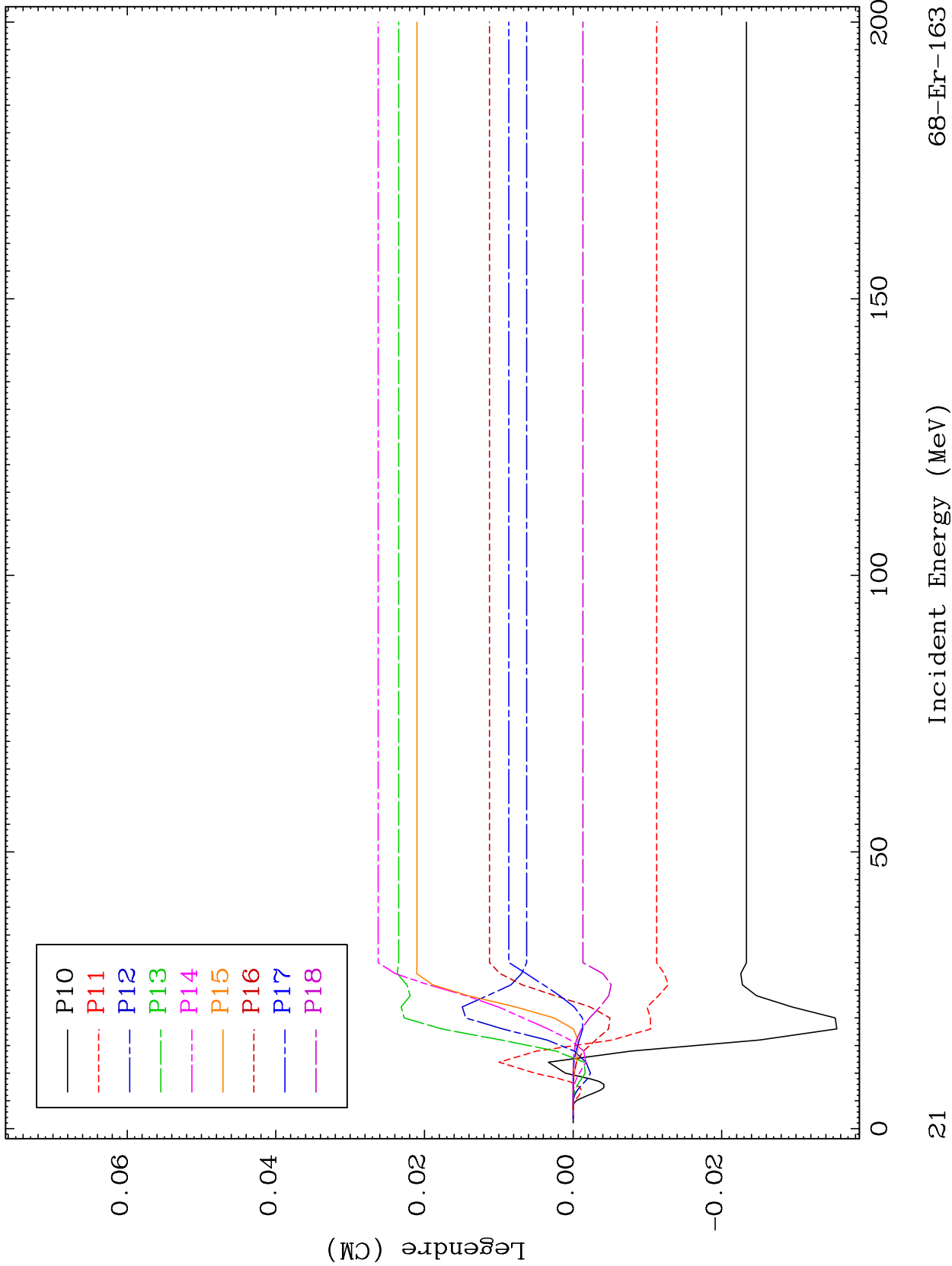


68-Er-163

MAT 6828

69.23 keV (n,n') Level
Legendre Coefficients

68-Er-163



68-Er-163

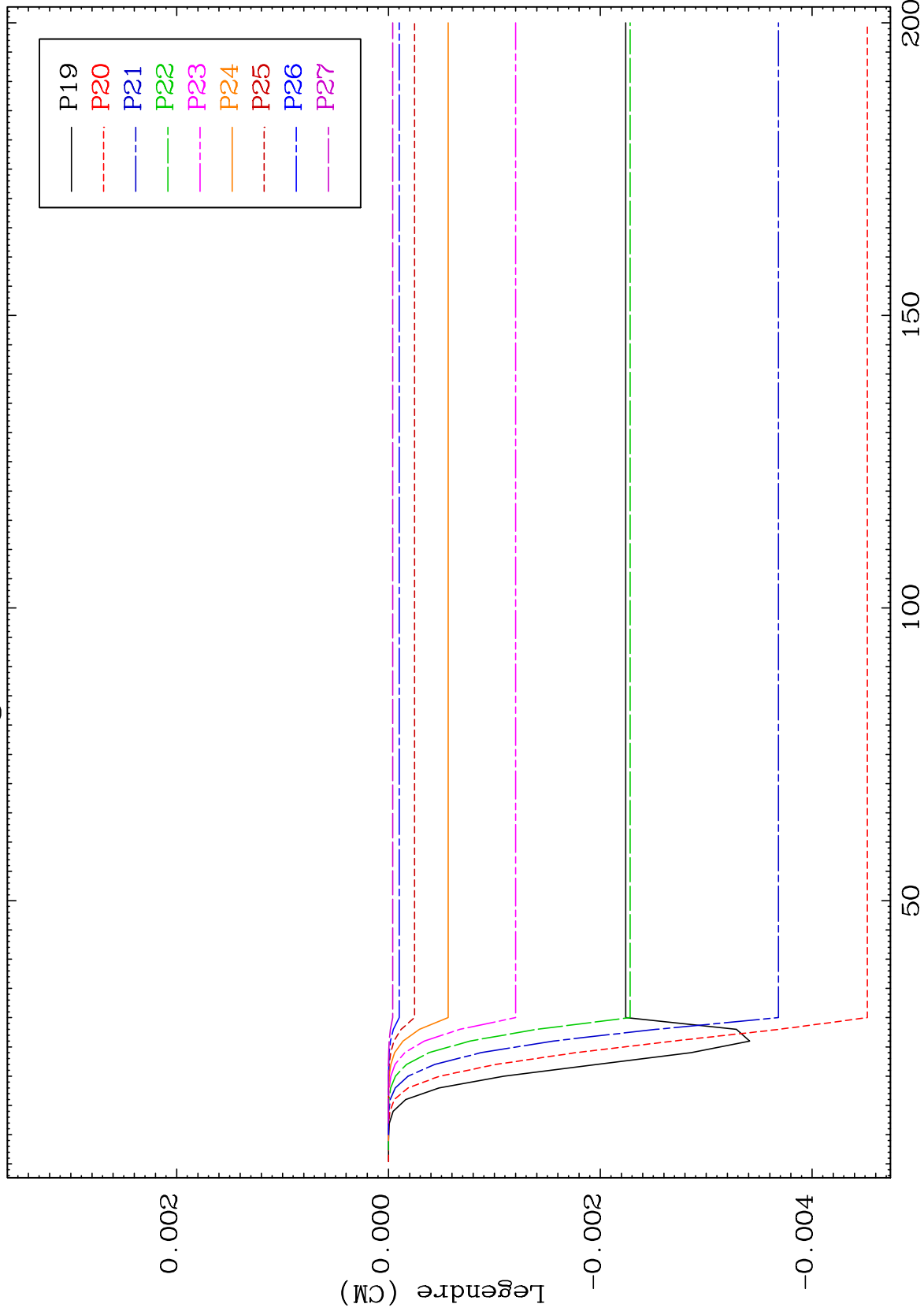
Incident Energy (MeV)

21

MAT 6828

69.23 keV (n,n') Level
Legendre Coefficients

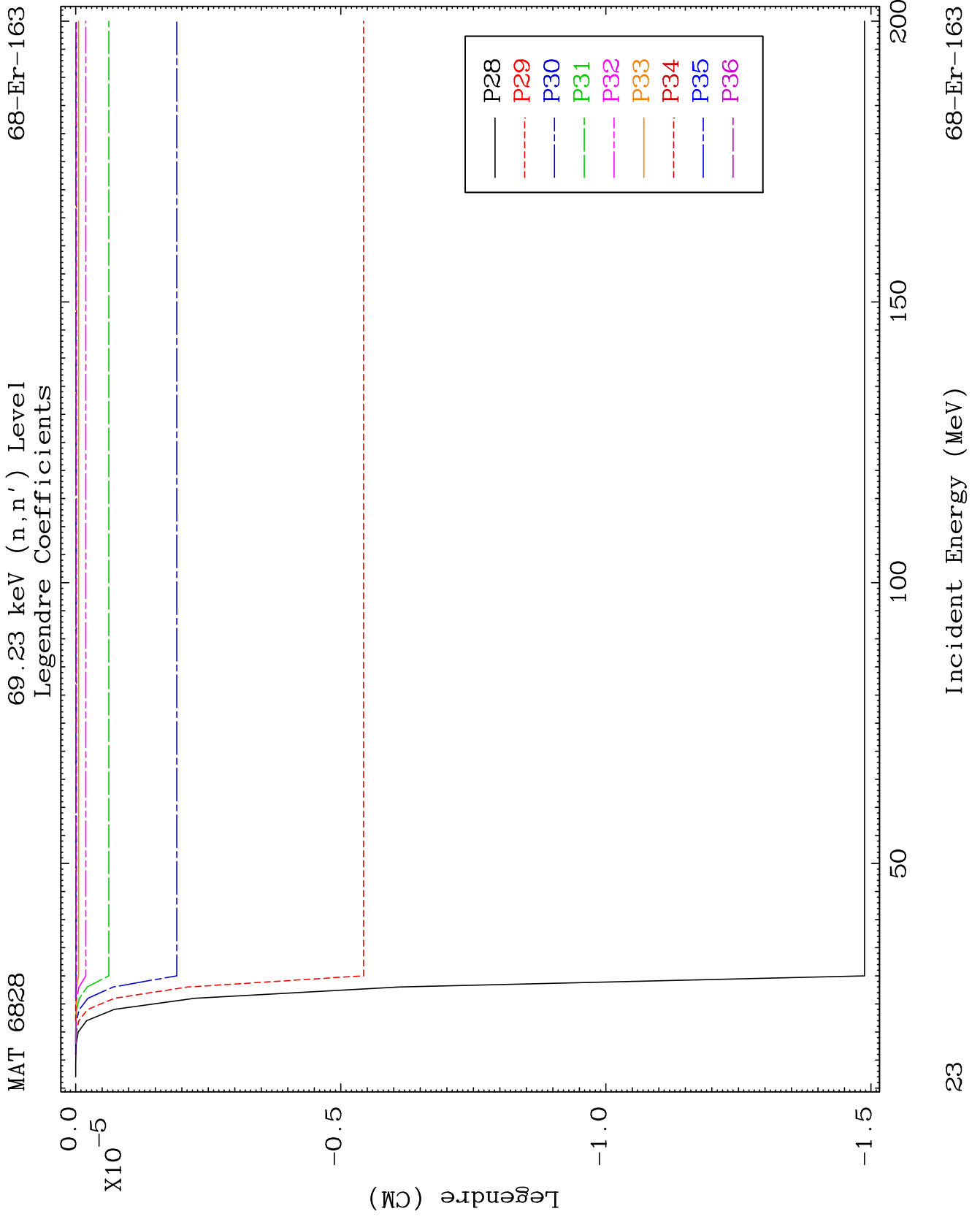
68-Er-163



22

Incident Energy (MeV)

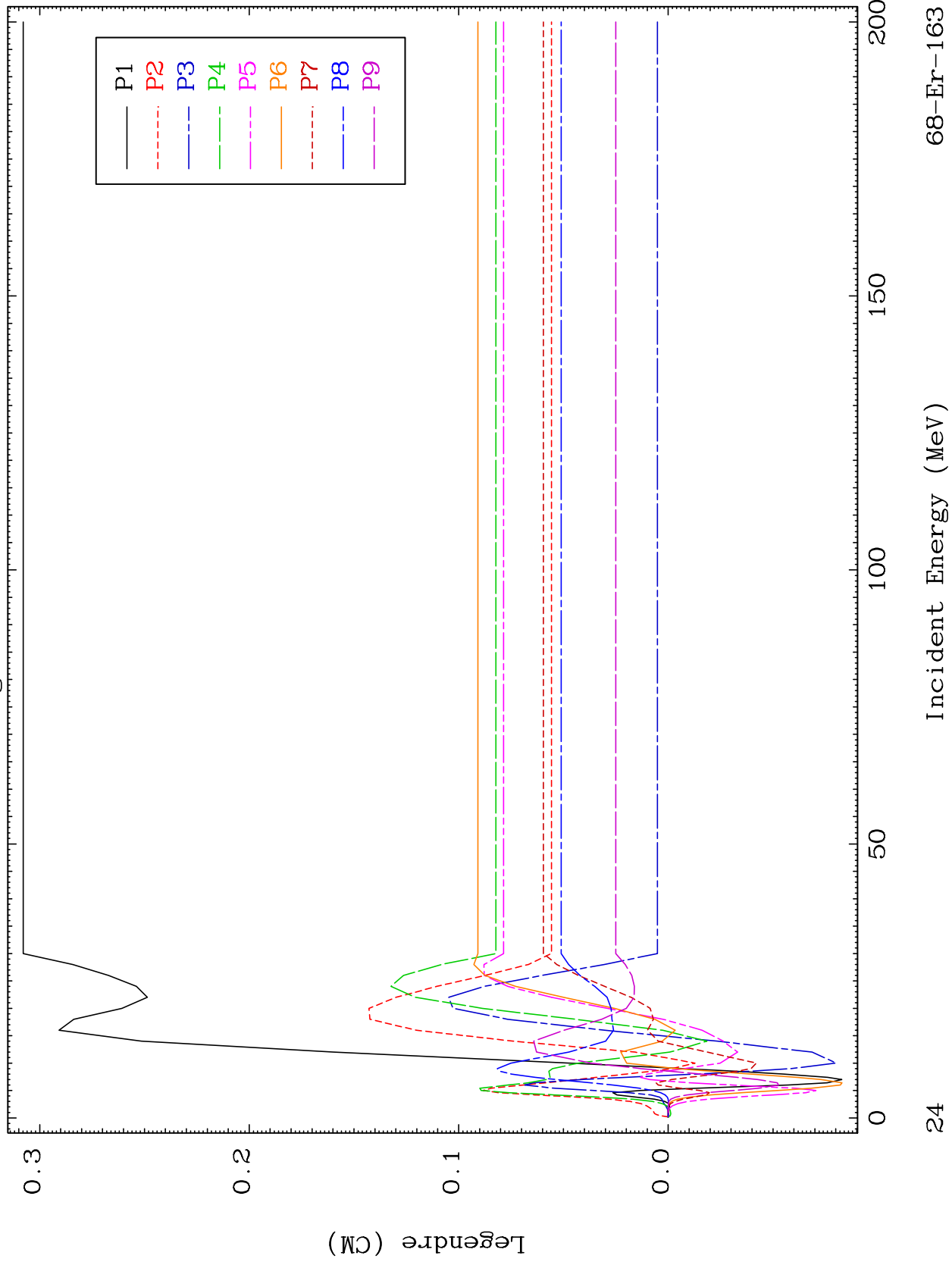
68-Er-163



MAT 6828

83.96 keV (n,n') Level
Legendre Coefficients

68-Er-163



24

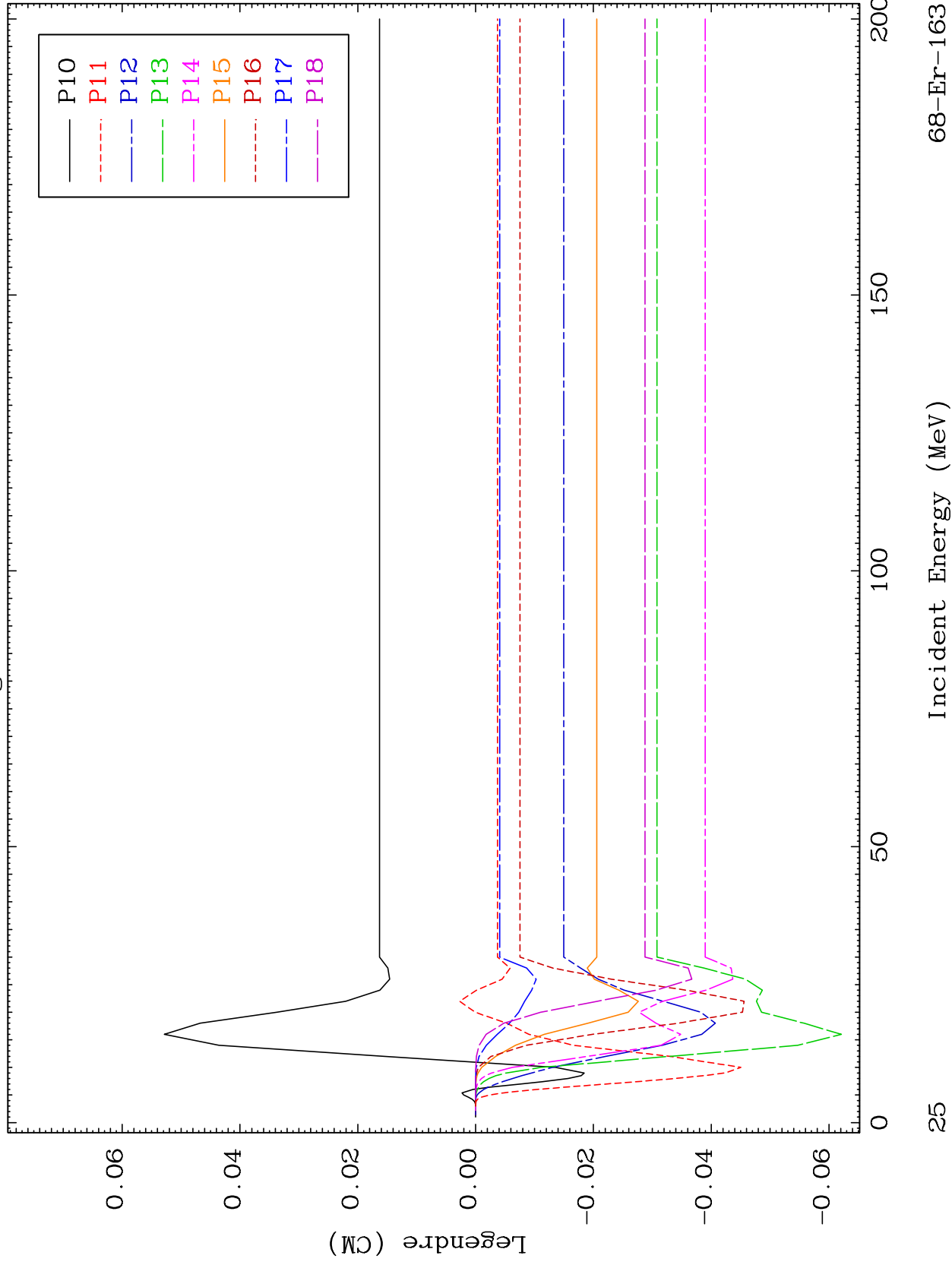
Incident Energy (MeV)

68-Er-163

MAT 6828

83.96 keV (n,n') Level
Legendre Coefficients

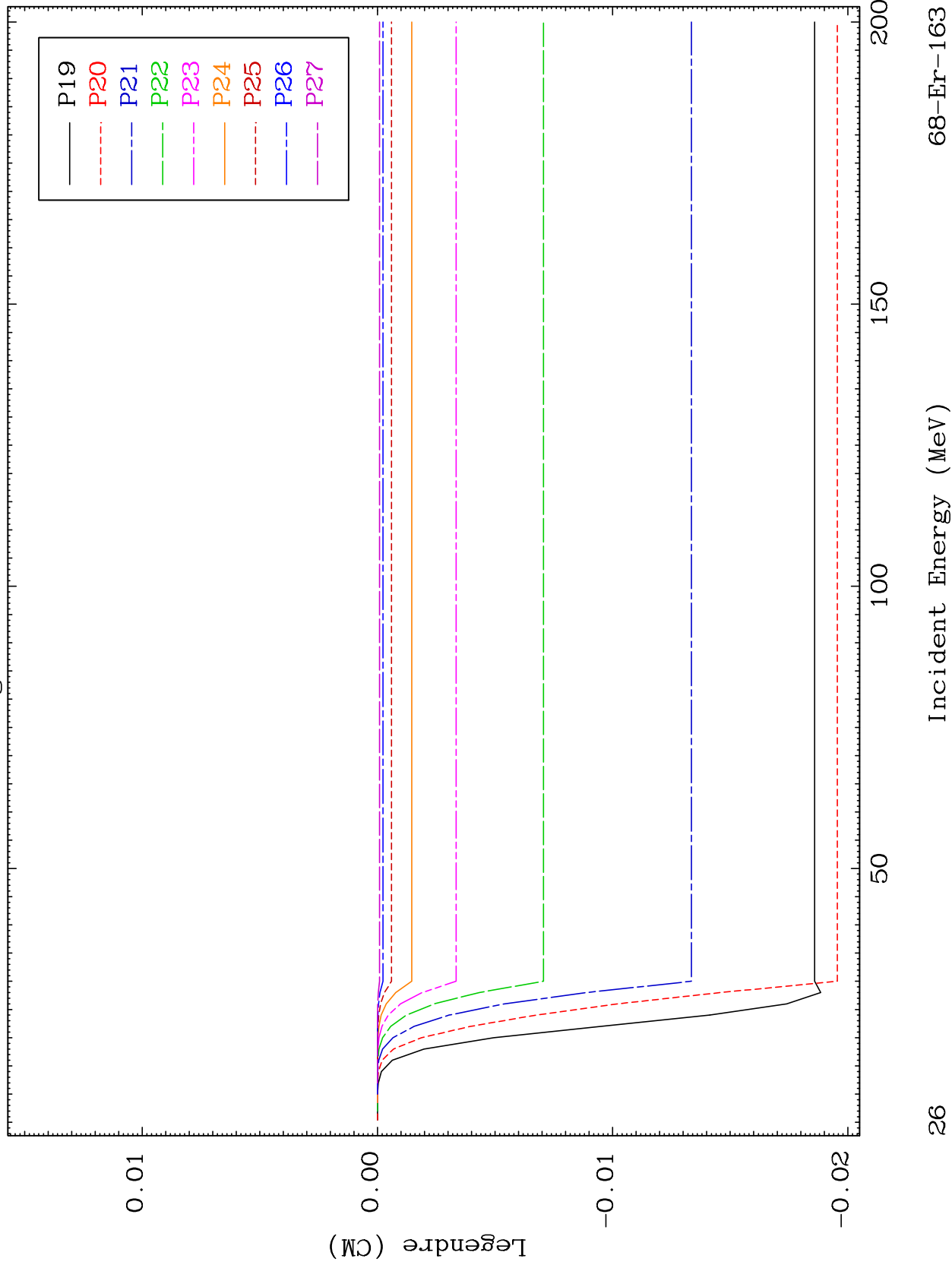
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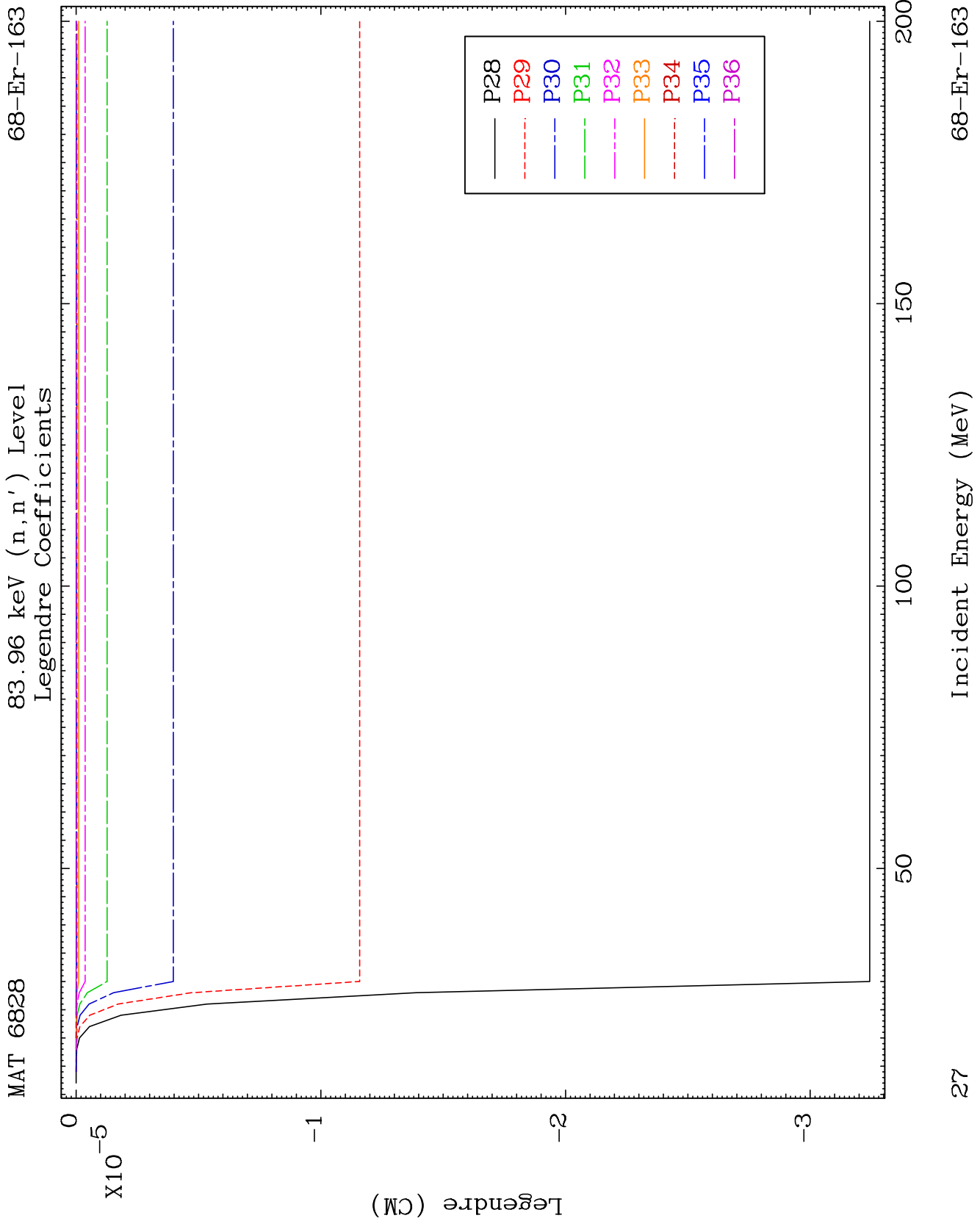


68-Er-163

Incident Energy (MeV)

25

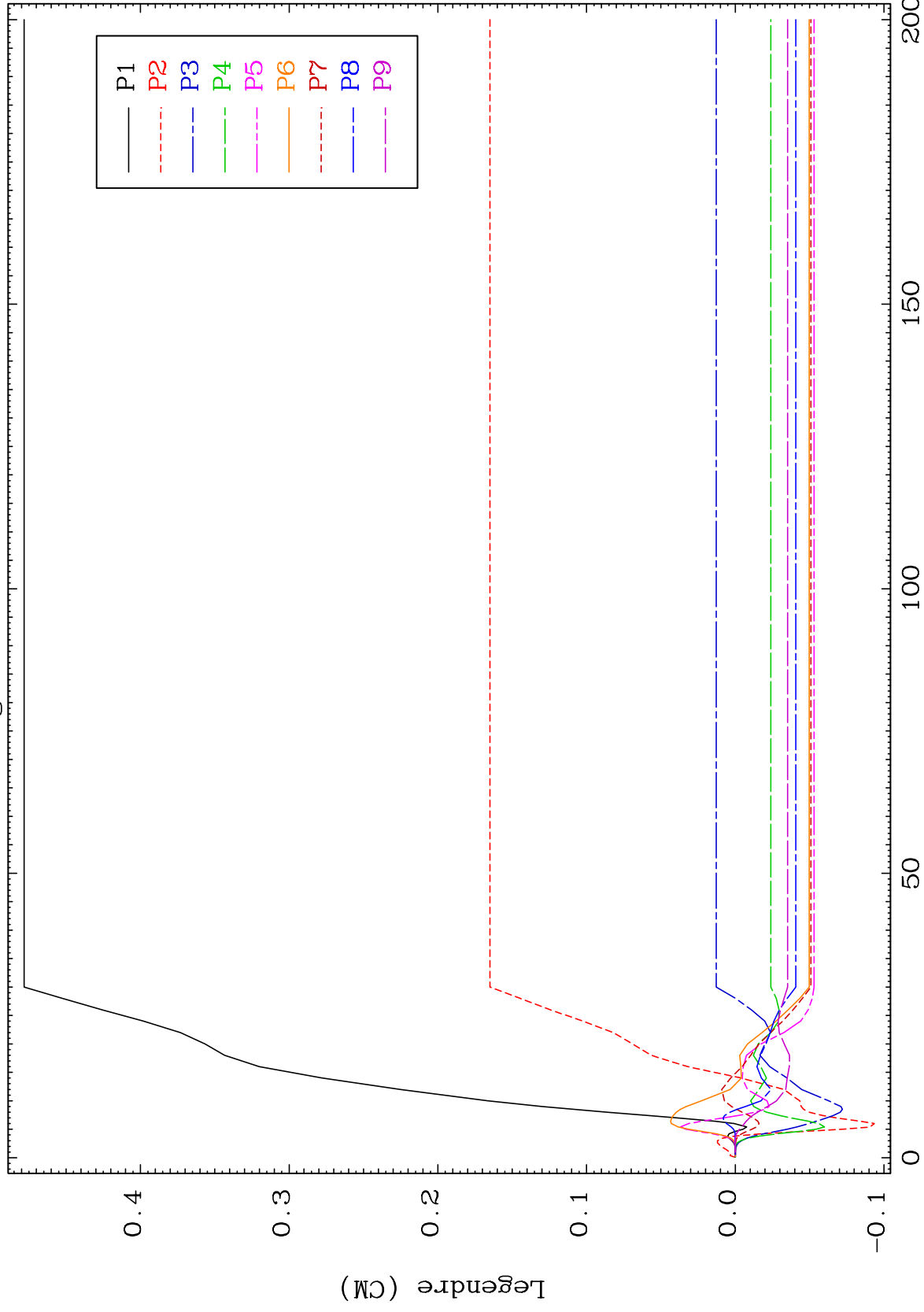




MAT 6828

91.55 keV (n,n') Level
Legendre Coefficients

68-Er-163



28

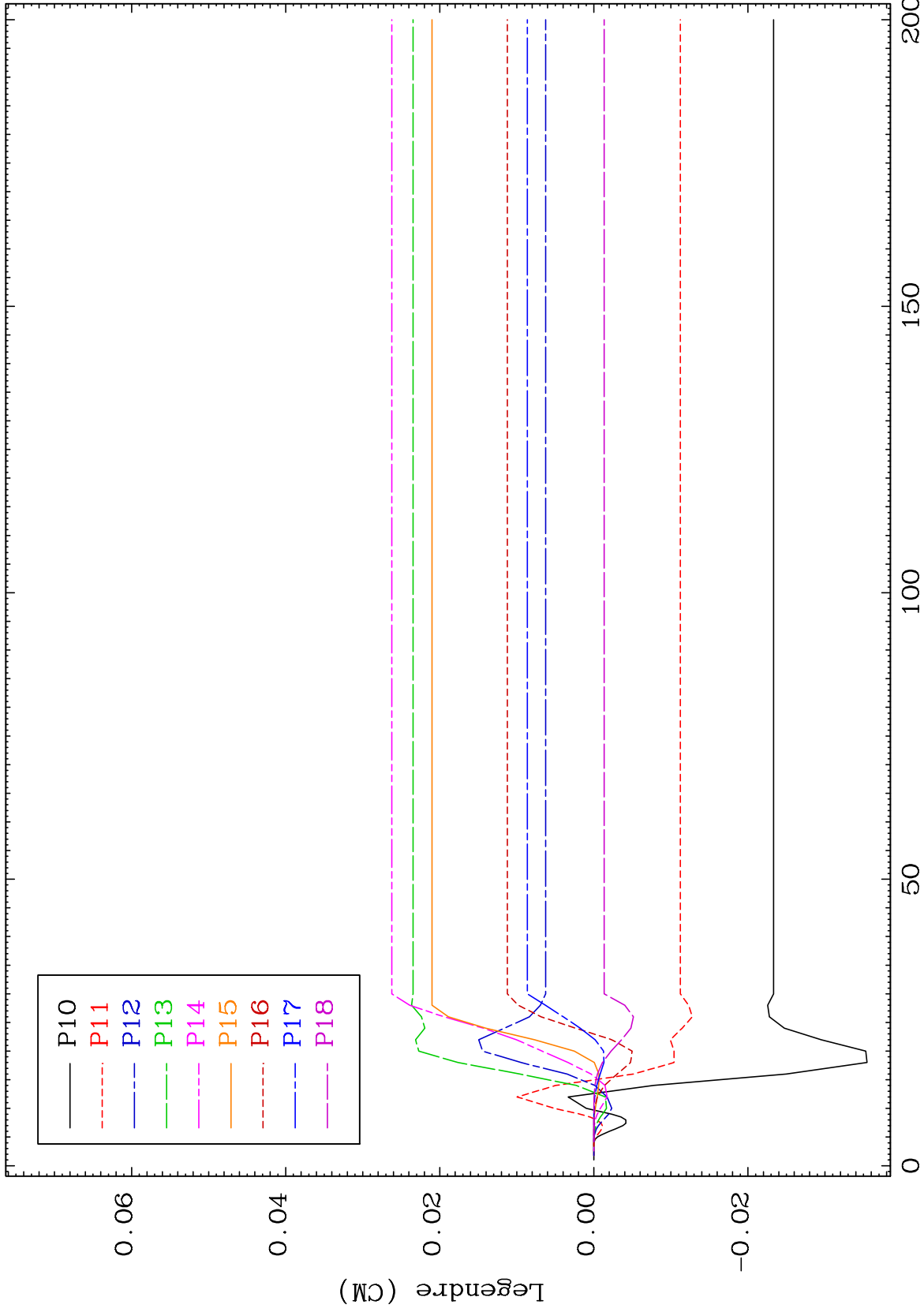
Incident Energy (MeV)

68-Er-163

MAT 6828

91.55 keV (n,n') Level
Legendre Coefficients

68-Er-163



29

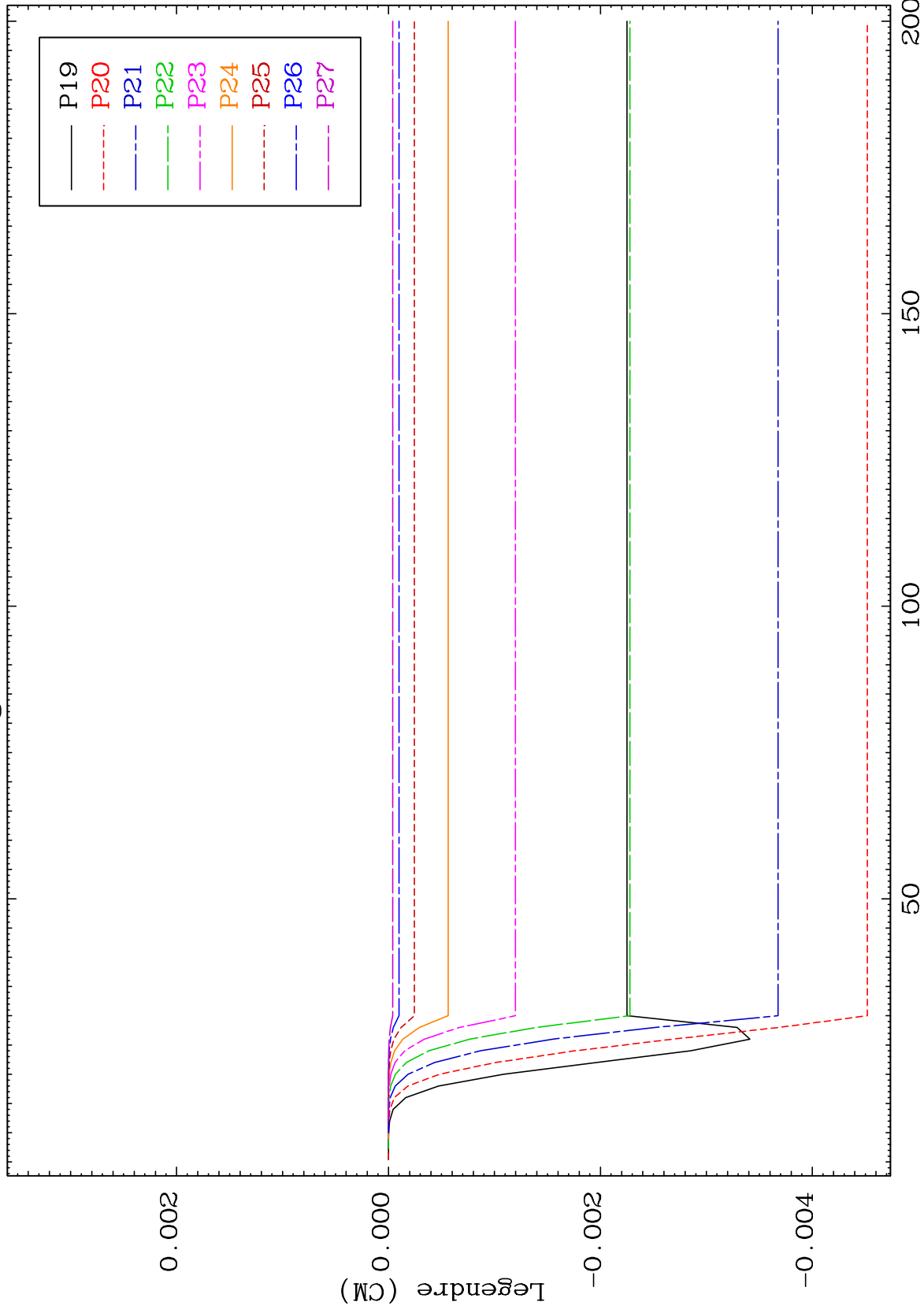
Incident Energy (MeV)

68-Er-163

MAT 6828

91.55 keV (n,n') Level
Legendre Coefficients

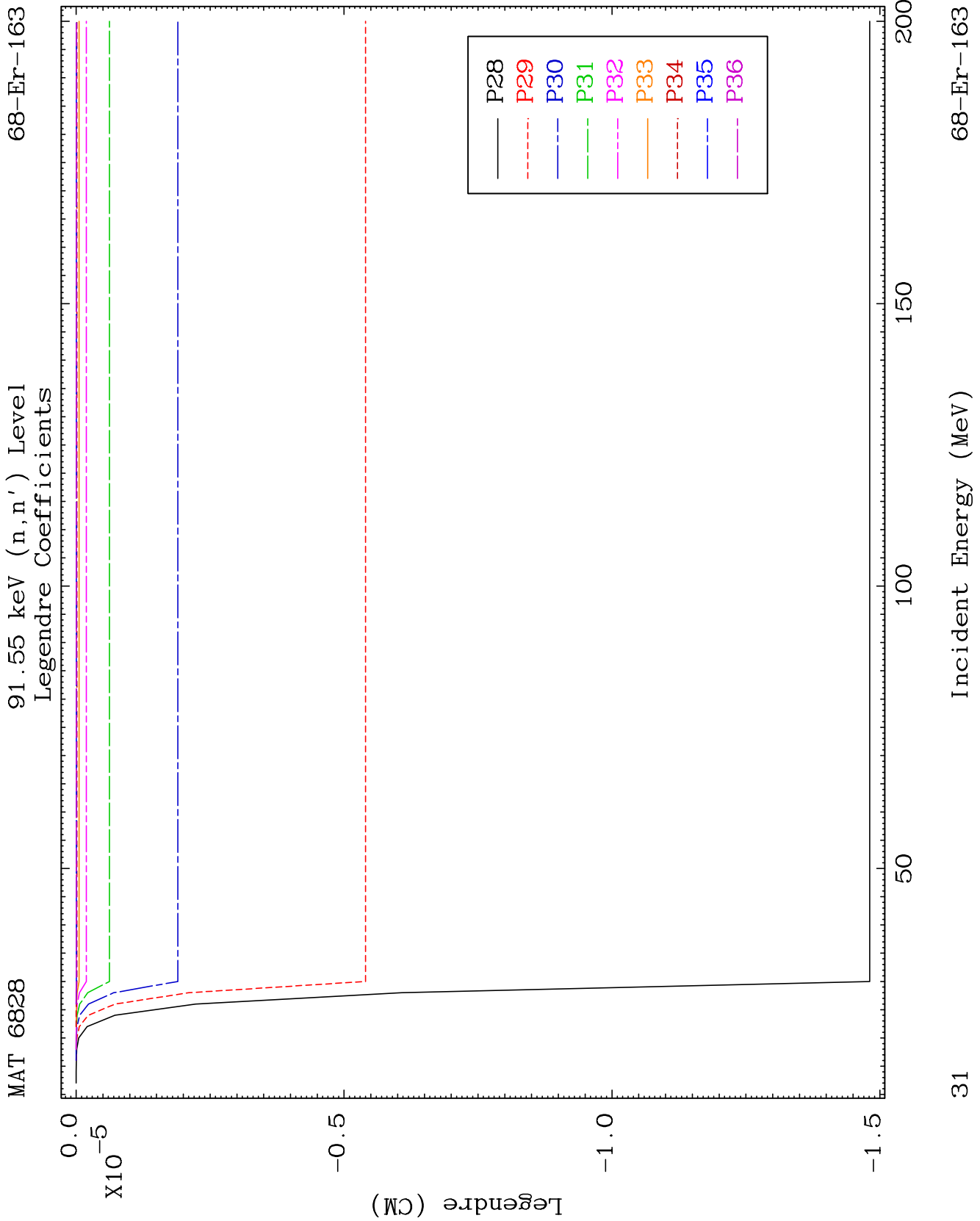
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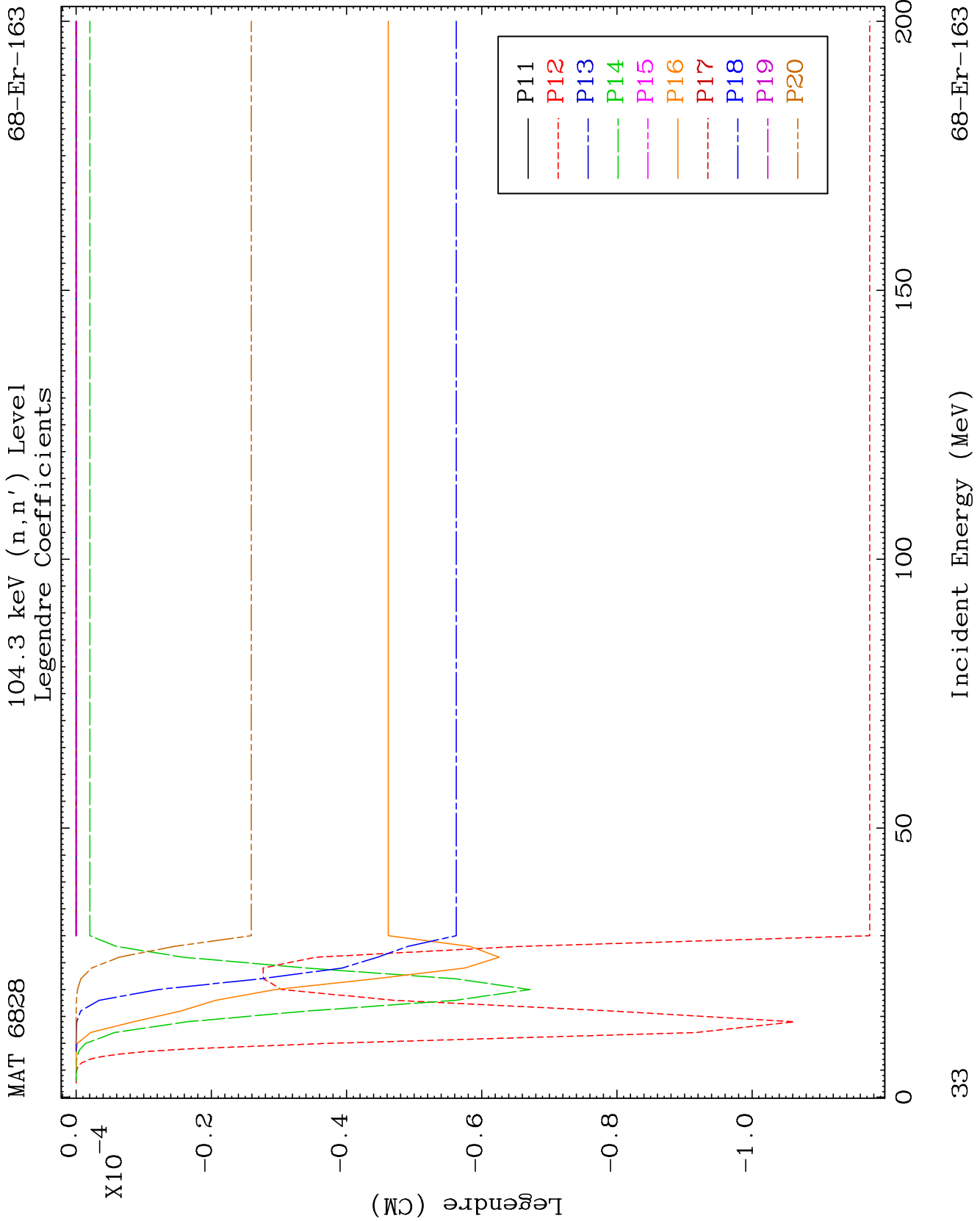


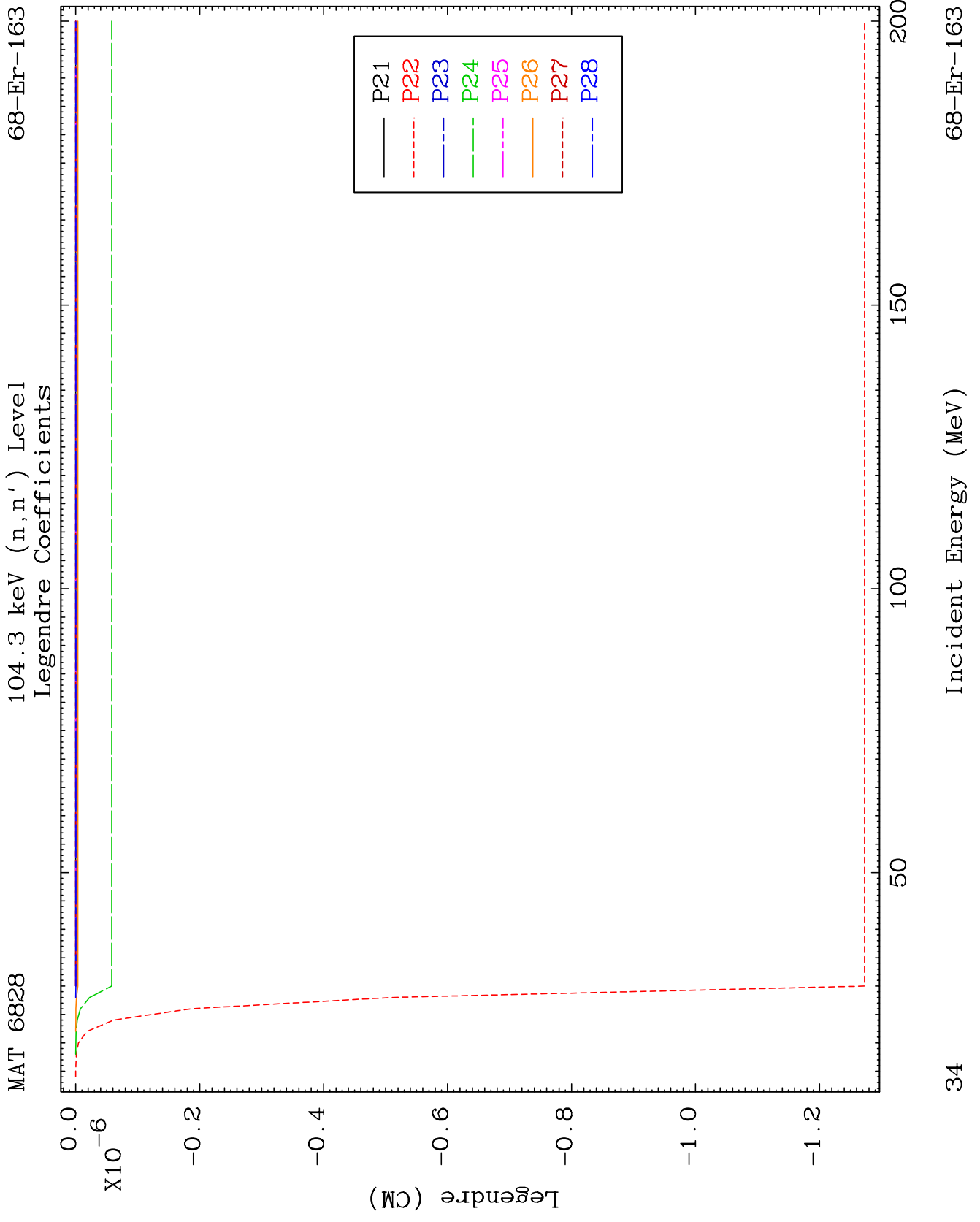
30

Incident Energy (MeV)

68-Er-163



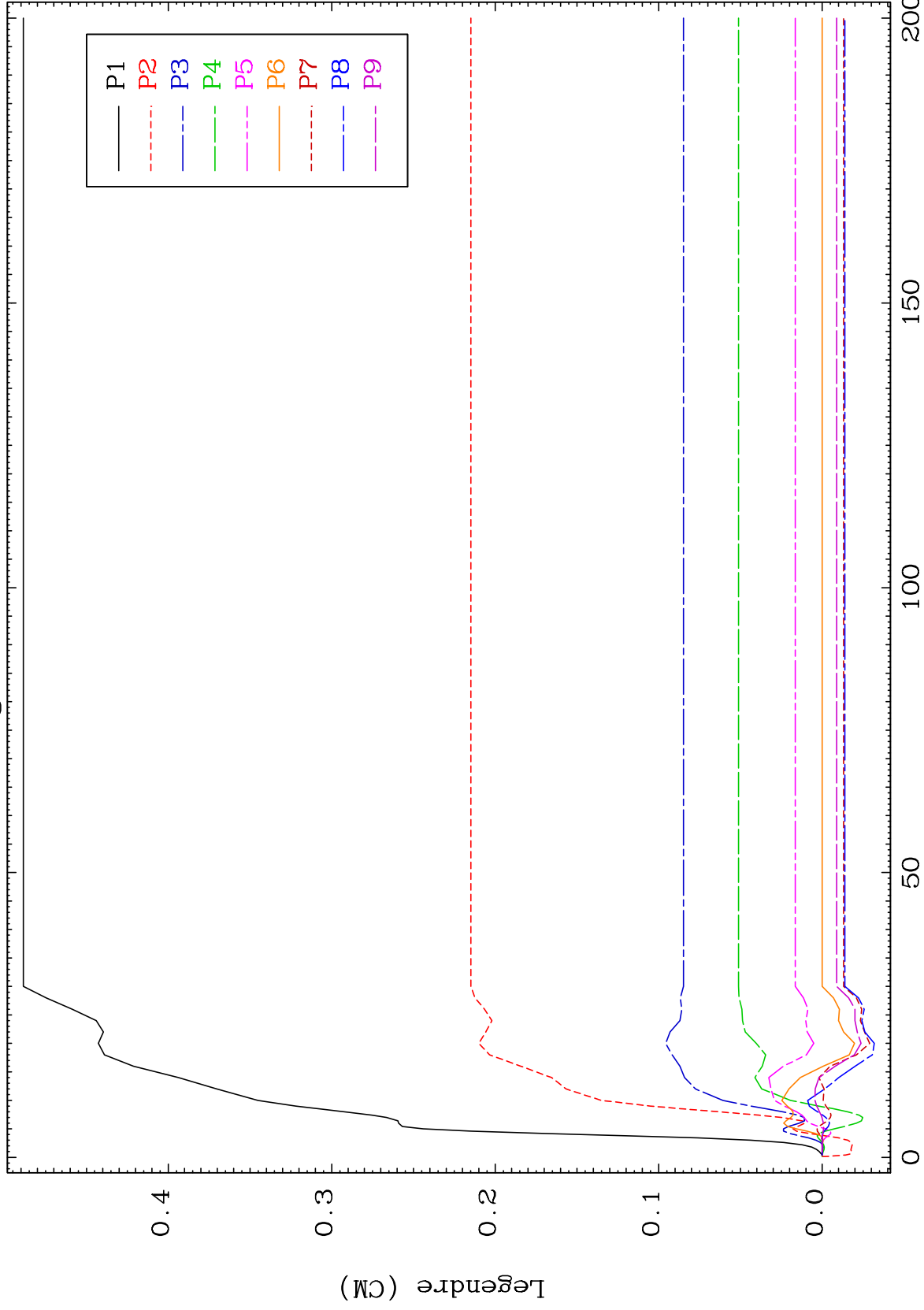




MAT 6828

120.3 keV (n,n') Level
Legendre Coefficients

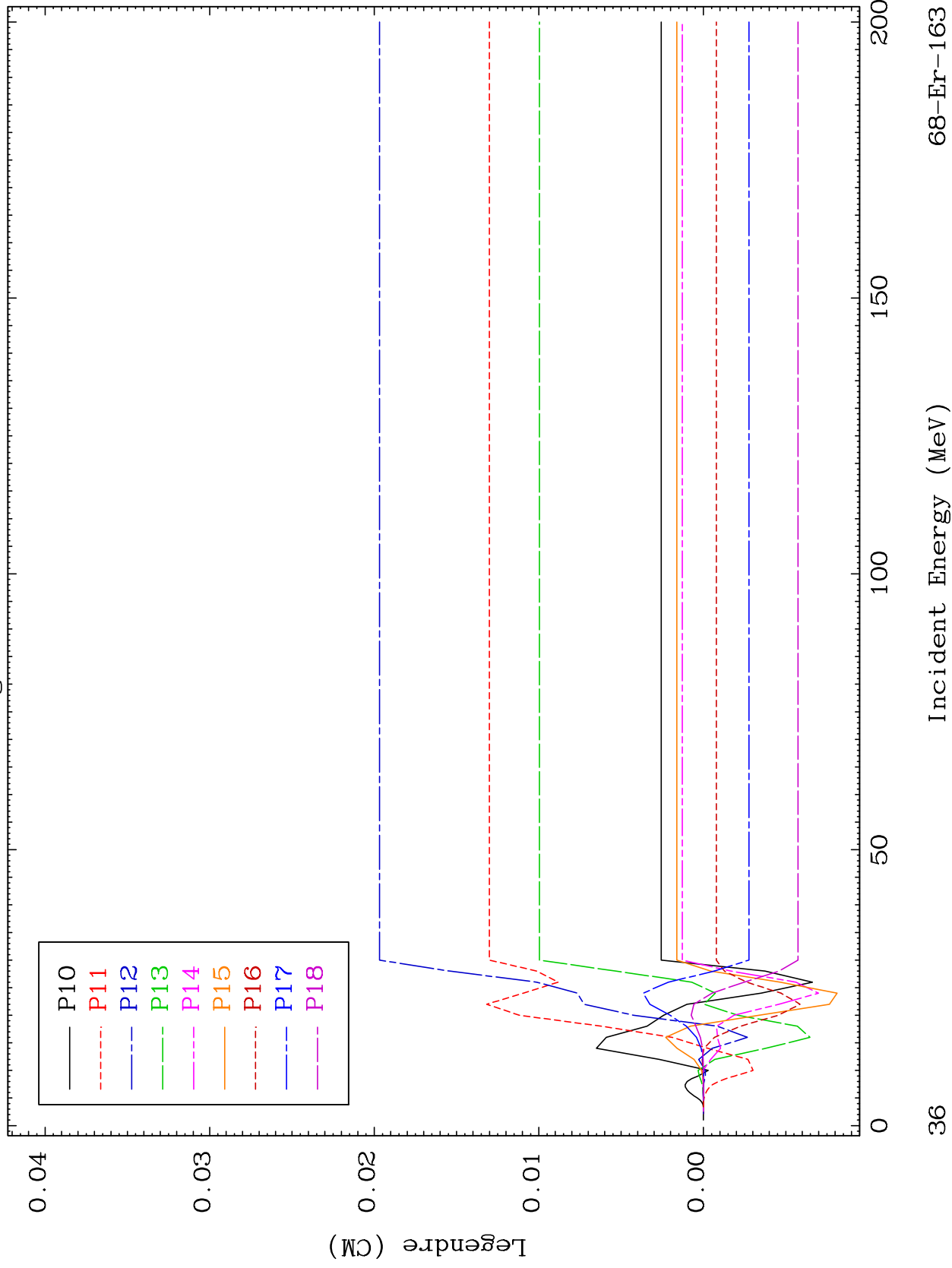
68-Er-163

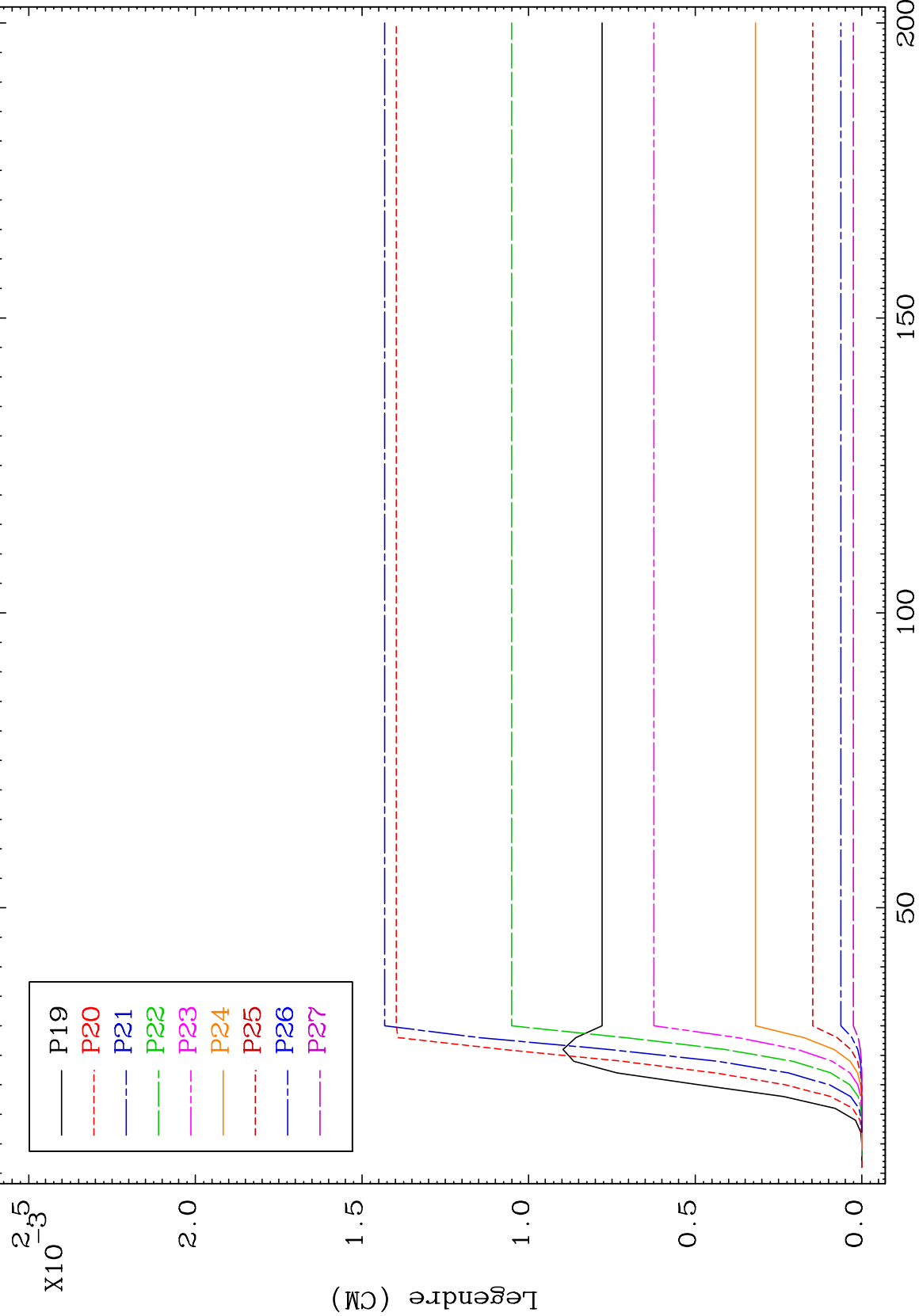


35

Incident Energy (MeV)

68-Er-163

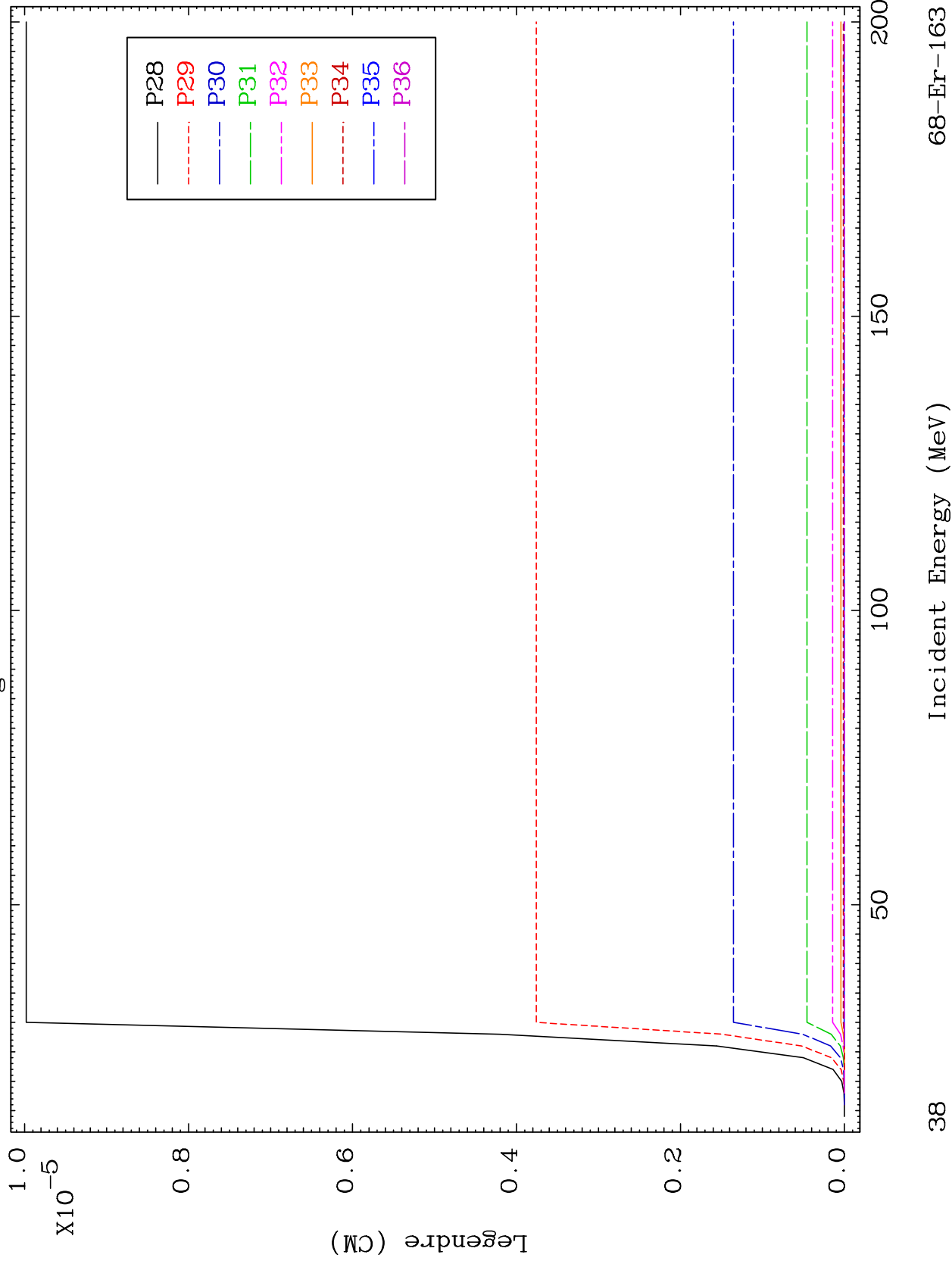




MAT 6828

120.3 keV (n,n') Level
Legendre Coefficients

68-Er-163



38

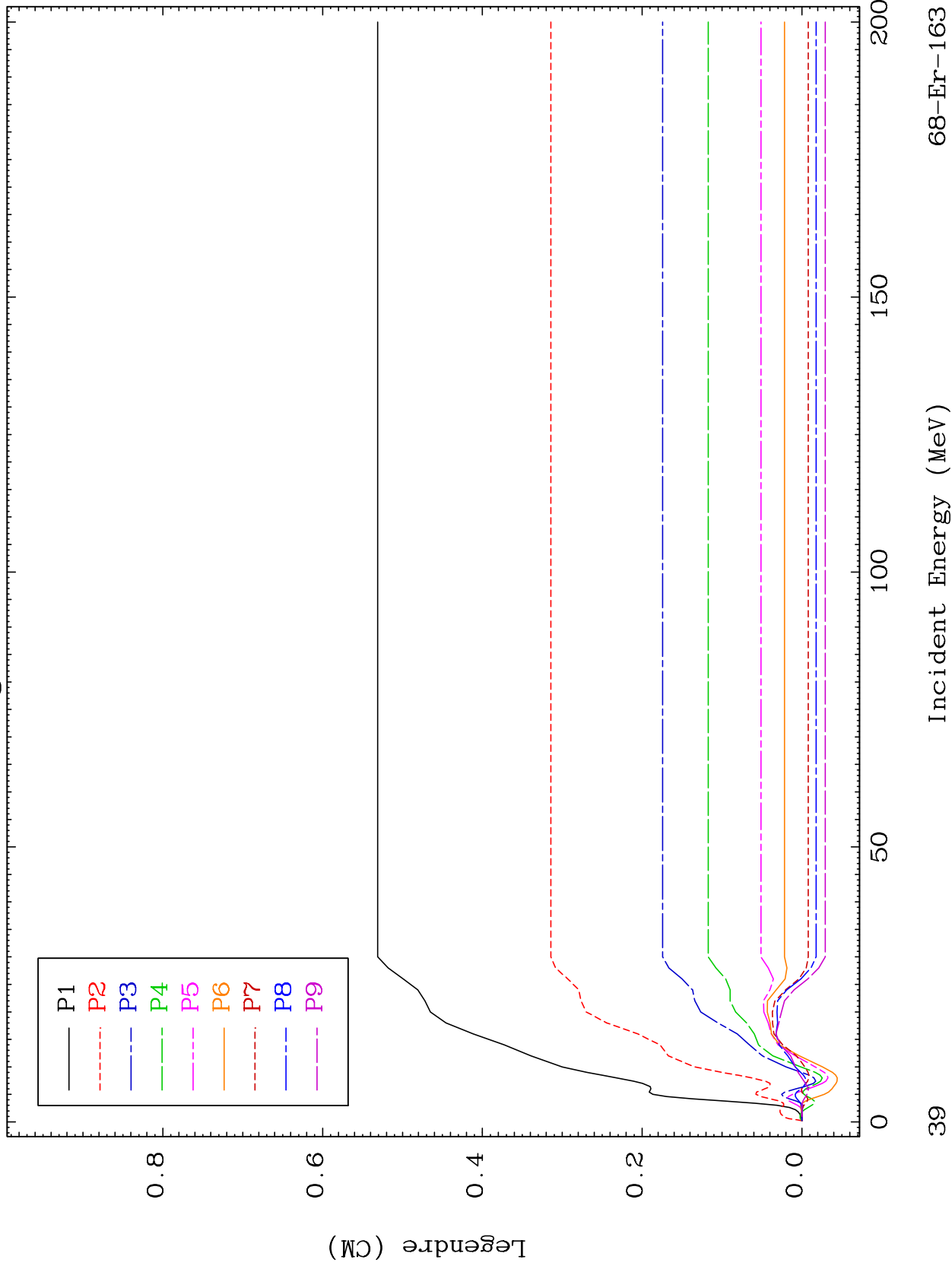
Incident Energy (MeV)

68-Er-163

MAT 6828

164.4 keV (n, n') Level
Legendre Coefficients

68-Er-163



68-Er-163

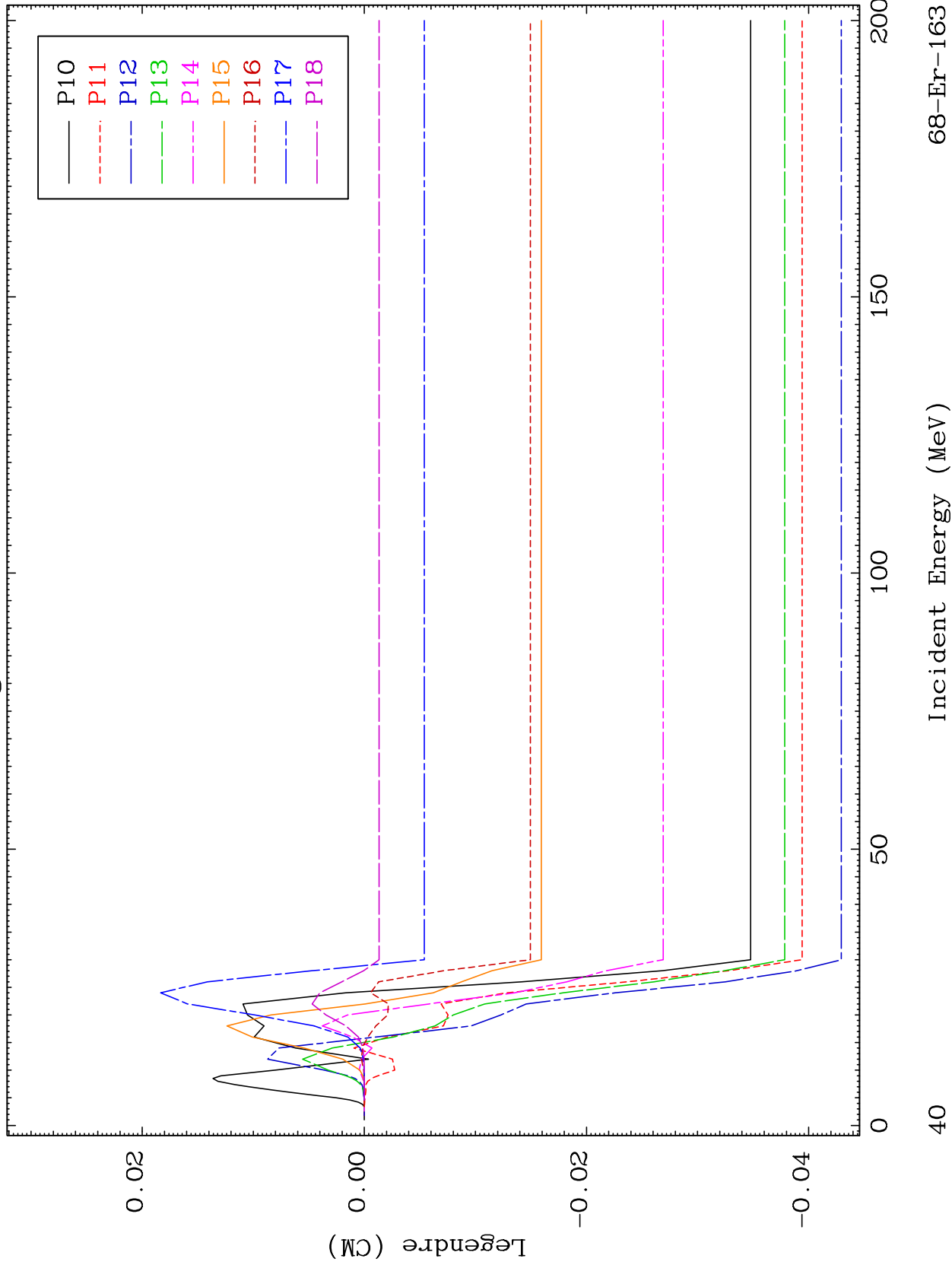
Incident Energy (MeV)

39

MAT 6828

164.4 keV (n,n') Level
Legendre Coefficients

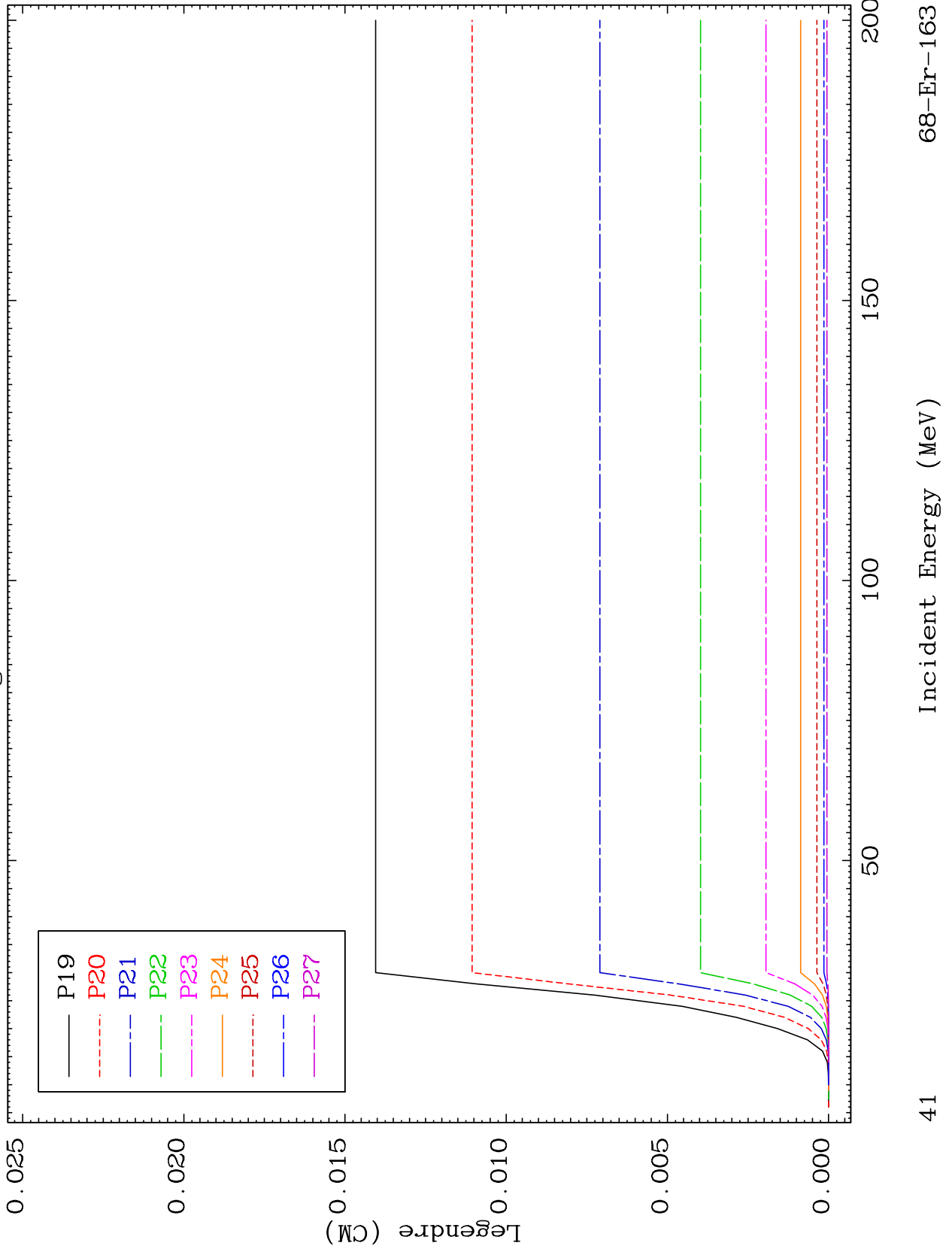
68-Er-163



68-Er-163

Incident Energy (MeV)

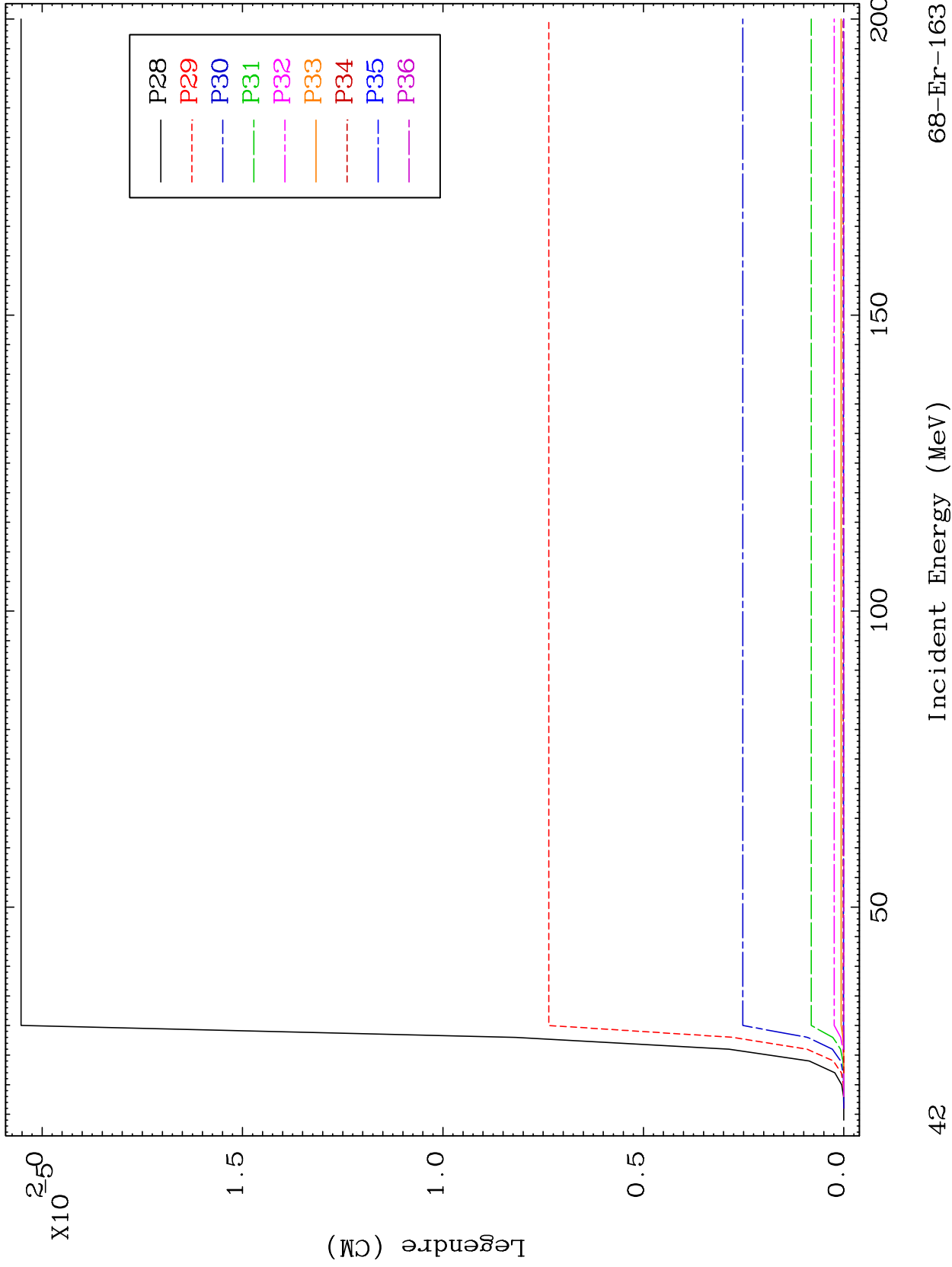
40



MAT 6828

164.4 keV (n,n') Level
Legendre Coefficients

68-Er-163



42

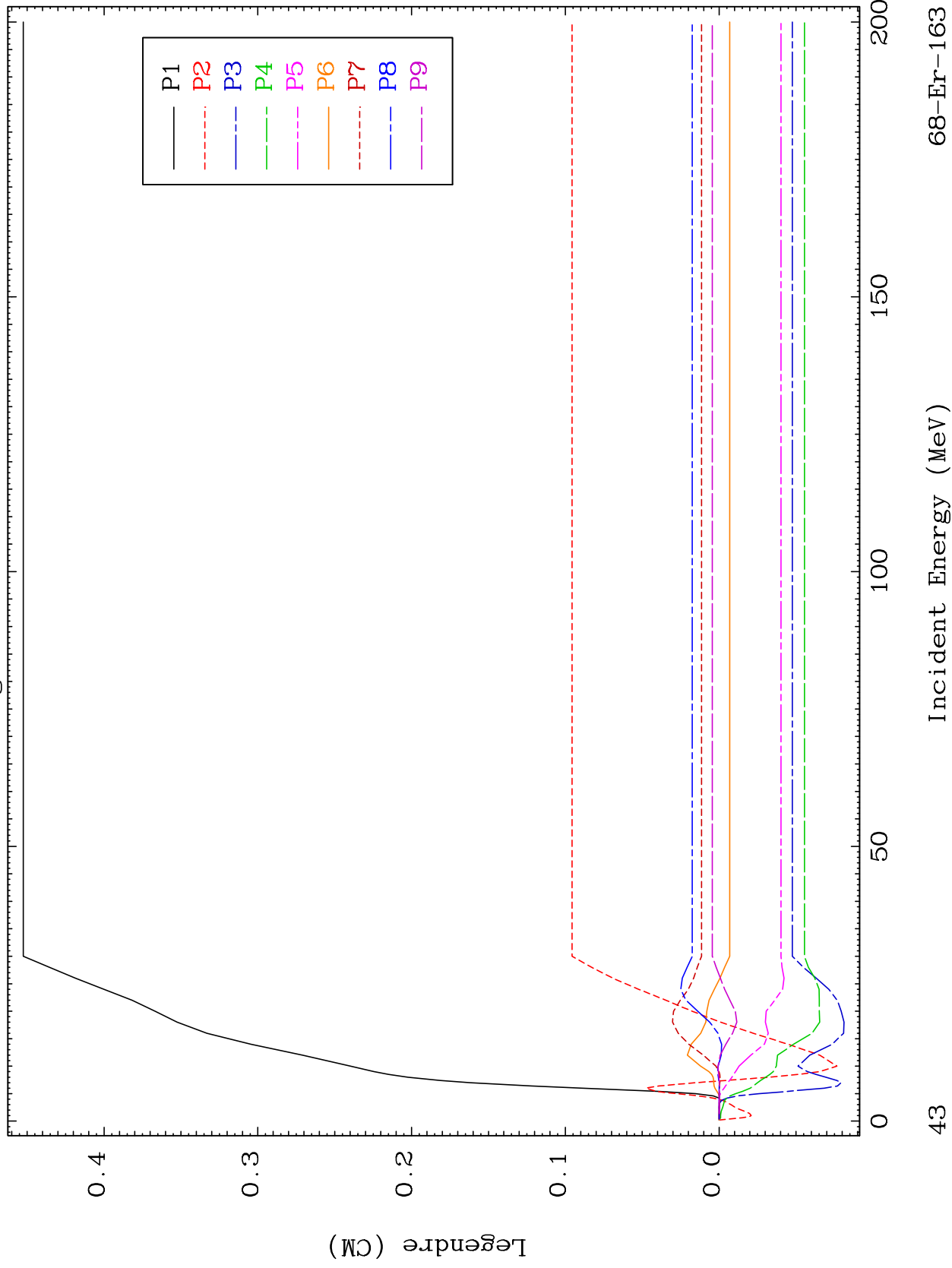
Incident Energy (MeV)

68-Er-163

MAT 6828

189.7 keV (n,n') Level
Legendre Coefficients

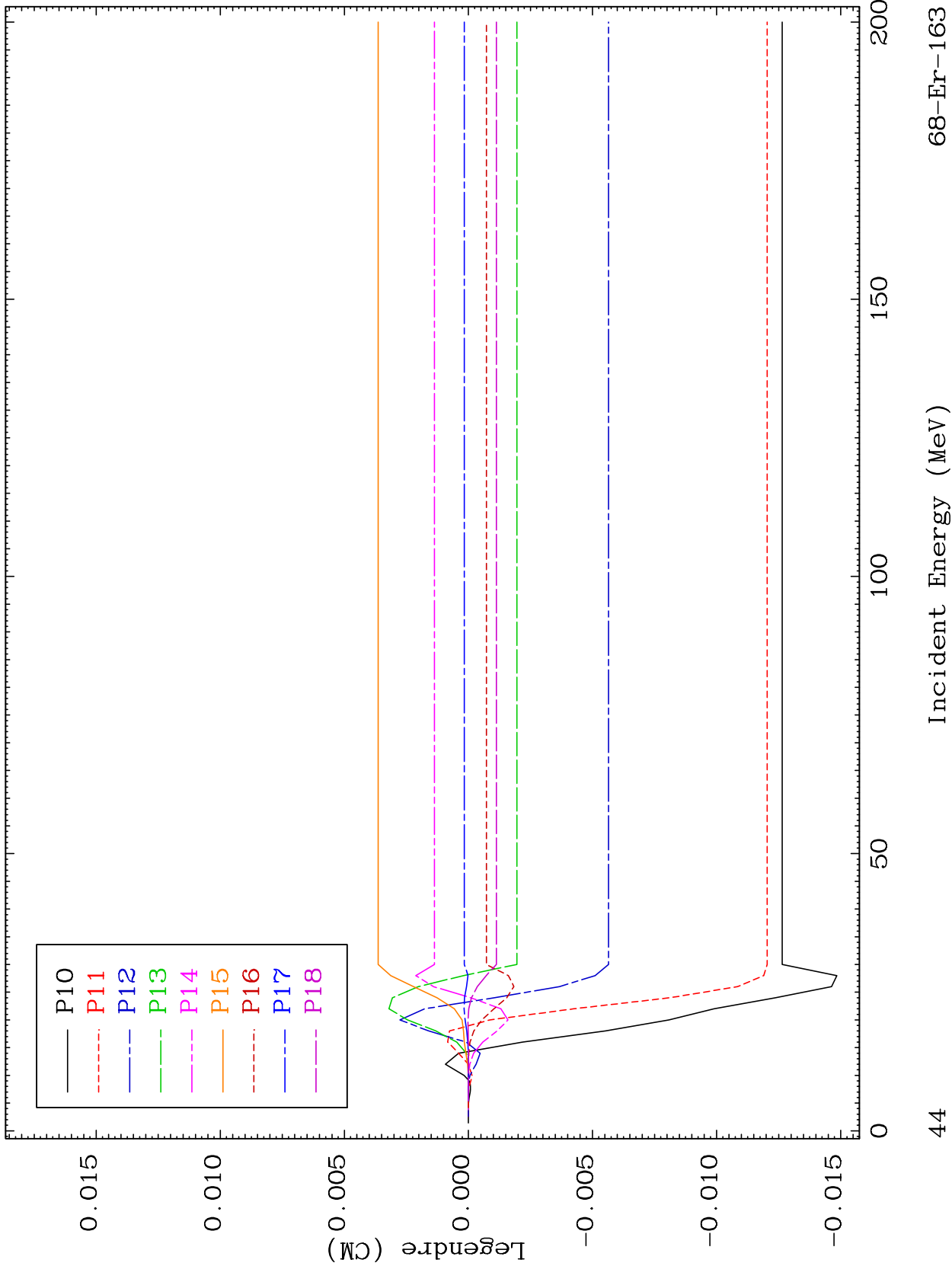
68-Er-163



68-Er-163

Incident Energy (MeV)

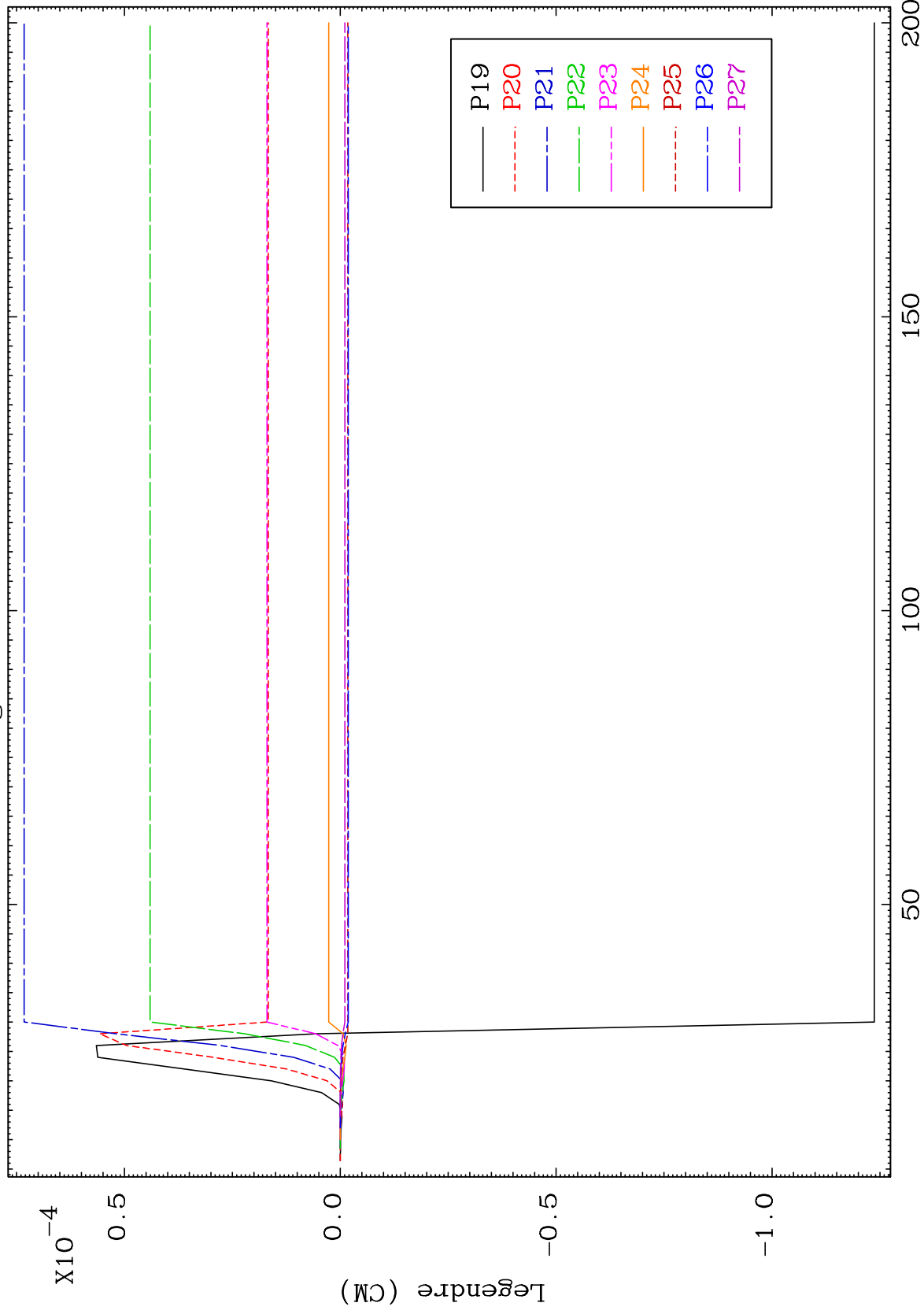
43



MAT 6828

189.7 keV (n,n') Level
Legendre Coefficients

68-Er-163



45

Incident Energy (MeV)

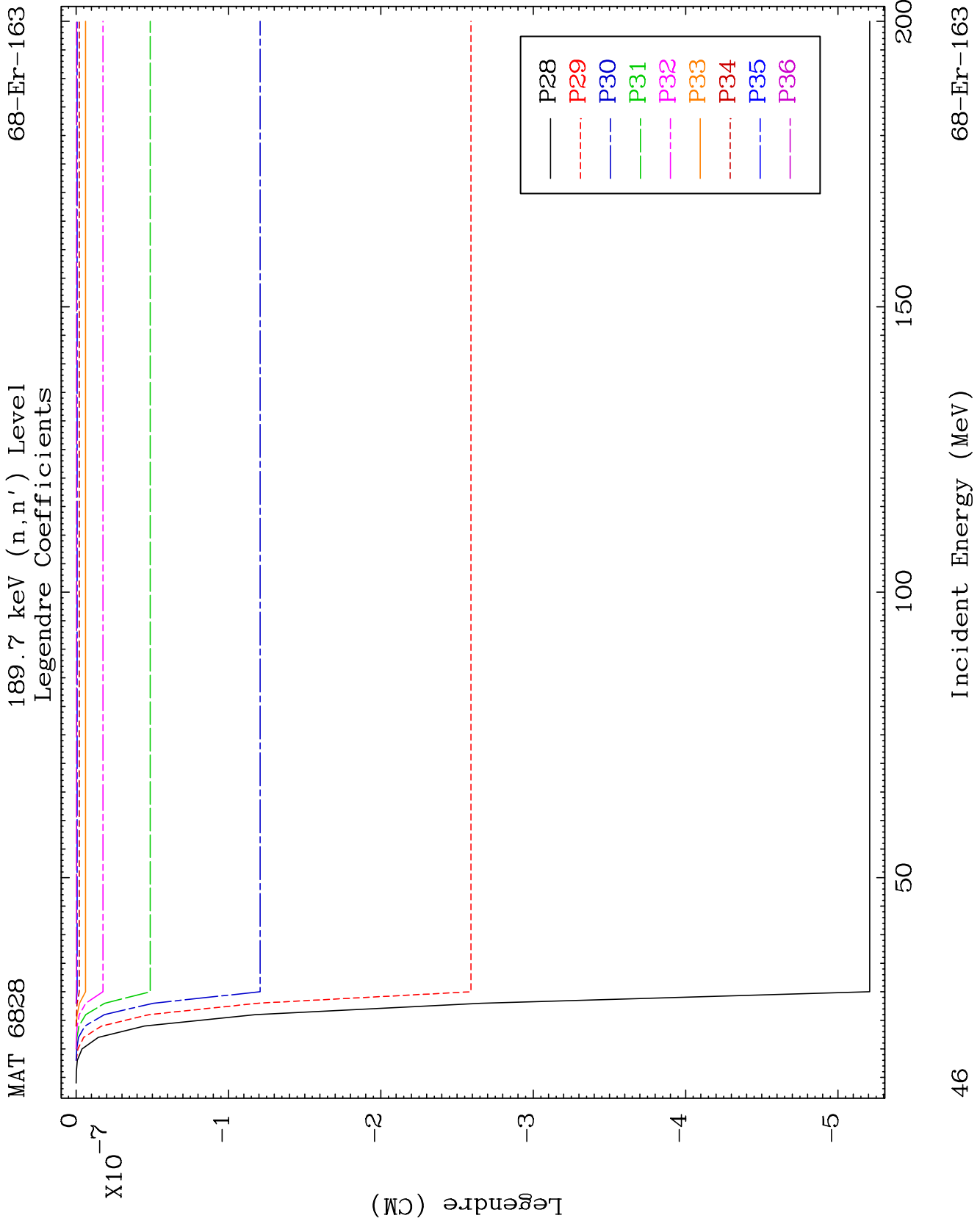
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100

150

200

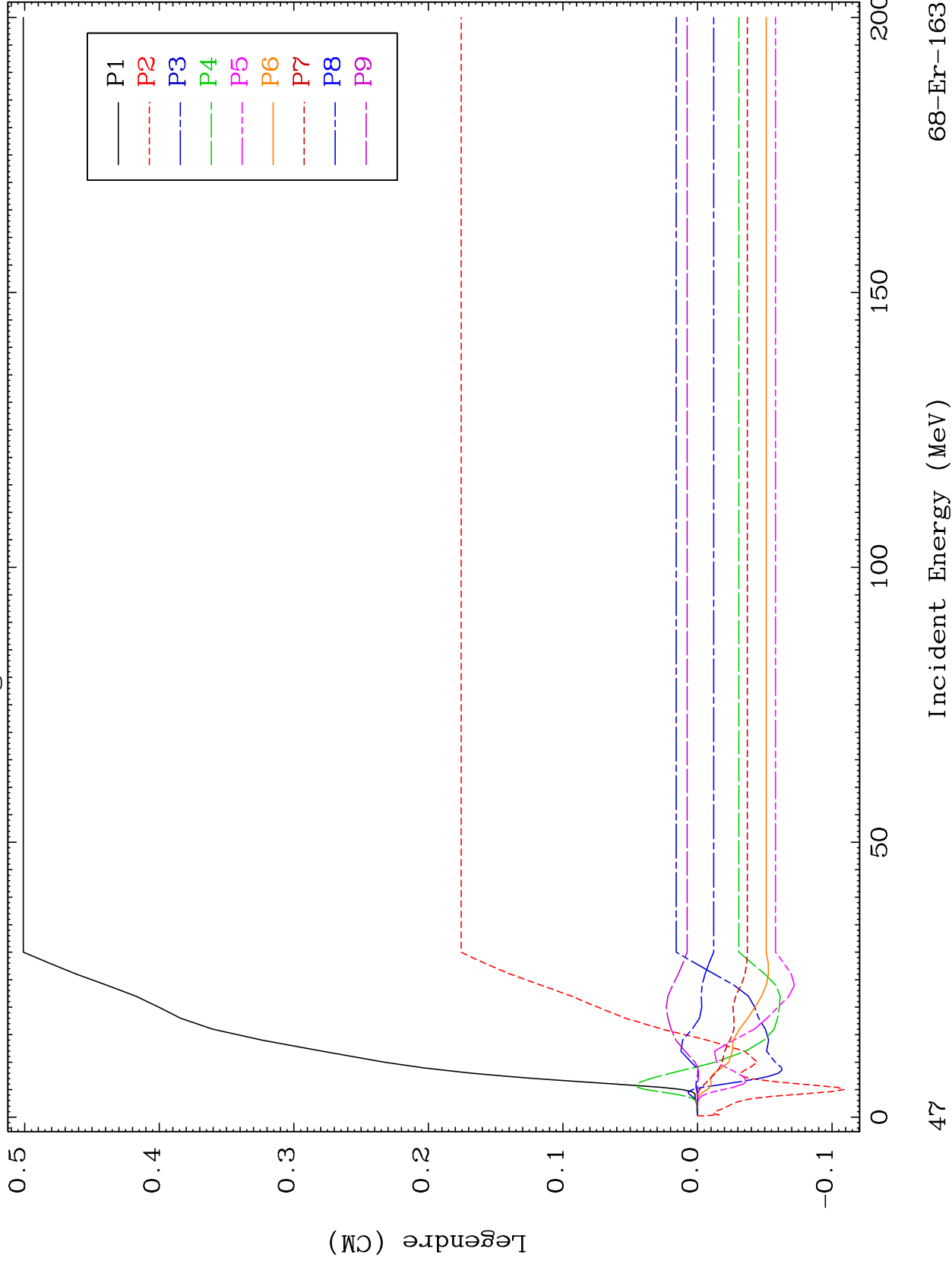
68-Er-163



MAT 6828

199.3 keV (n,n') Level
Legendre Coefficients

68-Er-163



68-Er-163

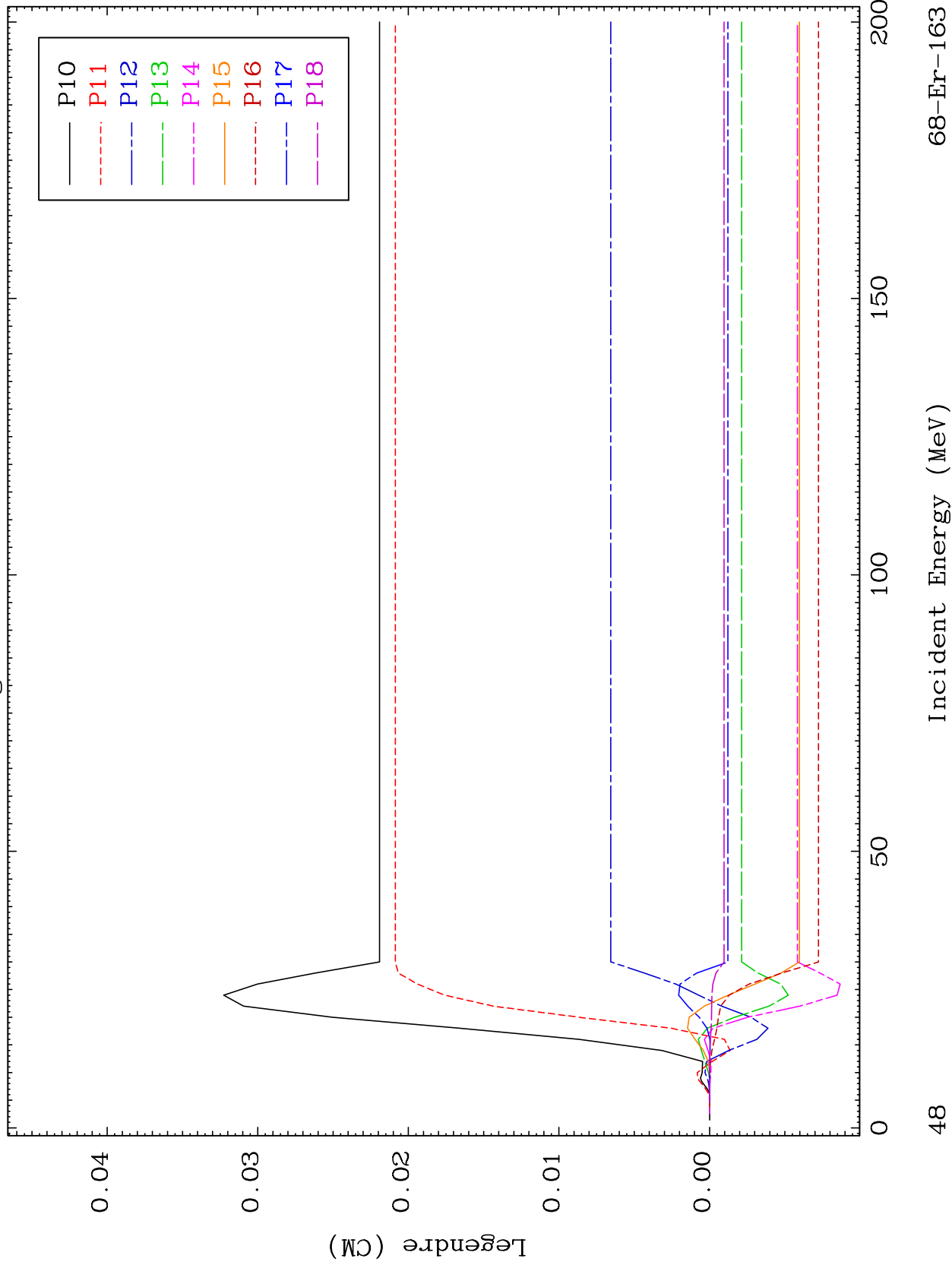
Incident Energy (MeV)

47

MAT 6828

199.3 keV (n,n') Level
Legendre Coefficients

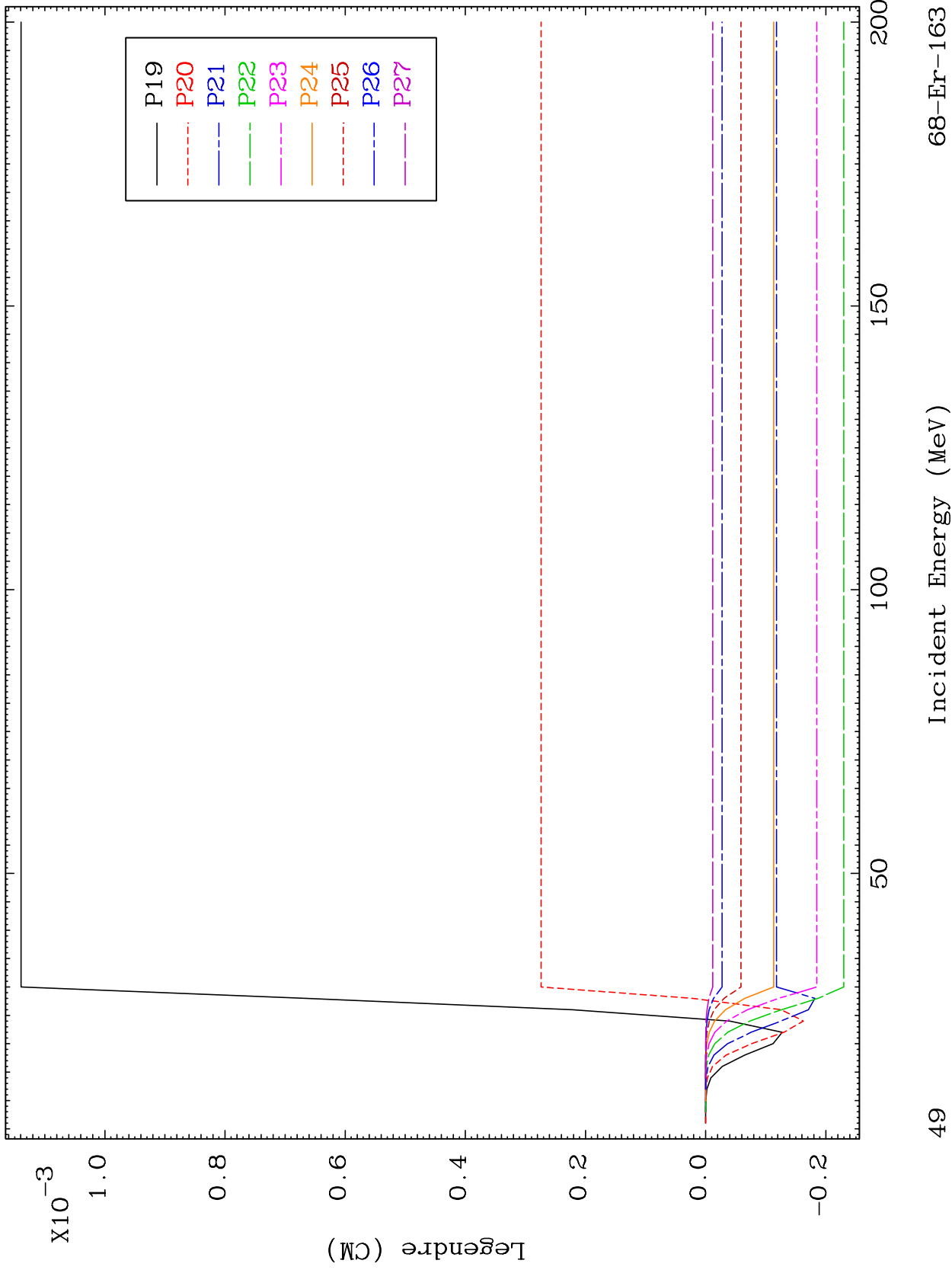
68-Er-163

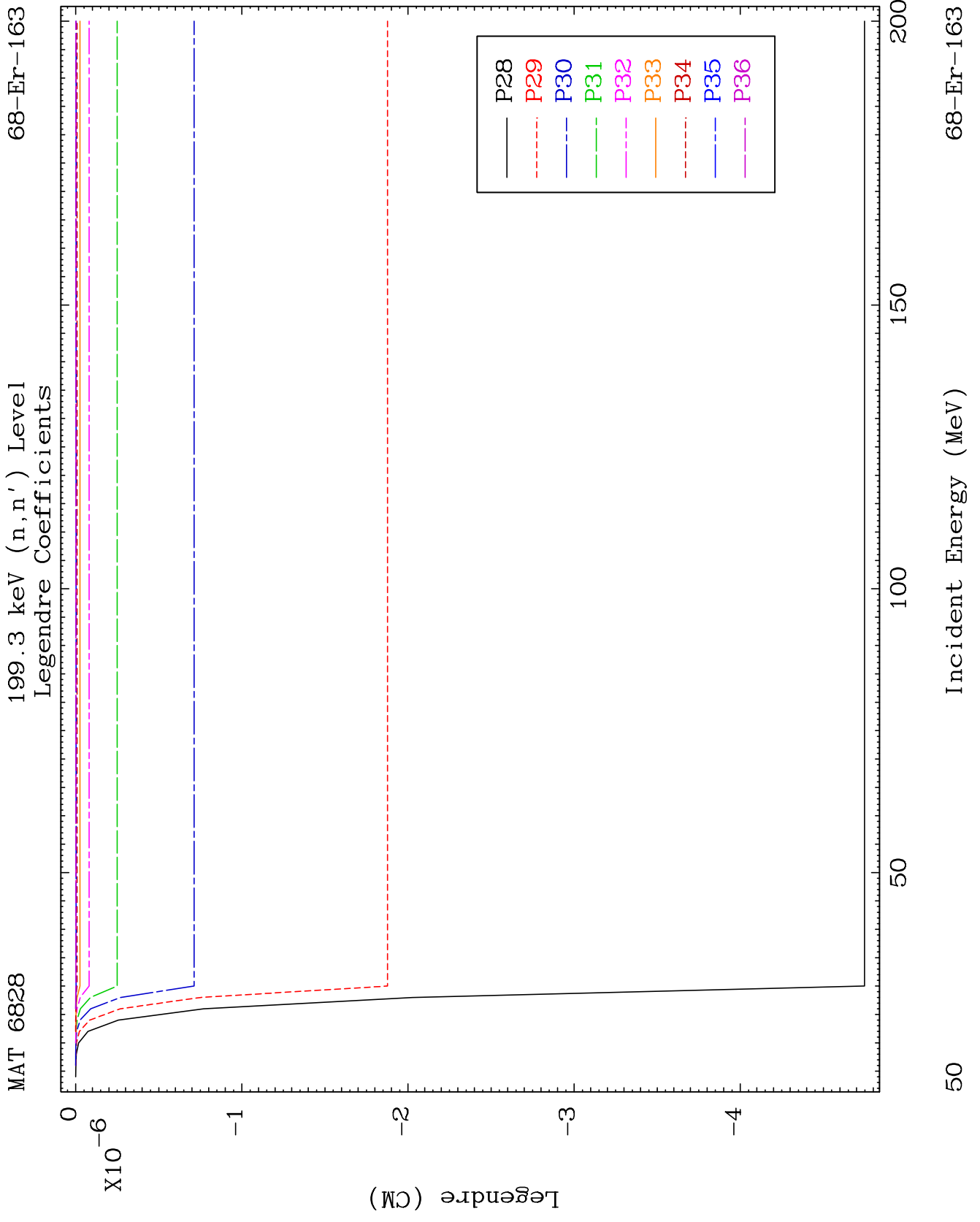


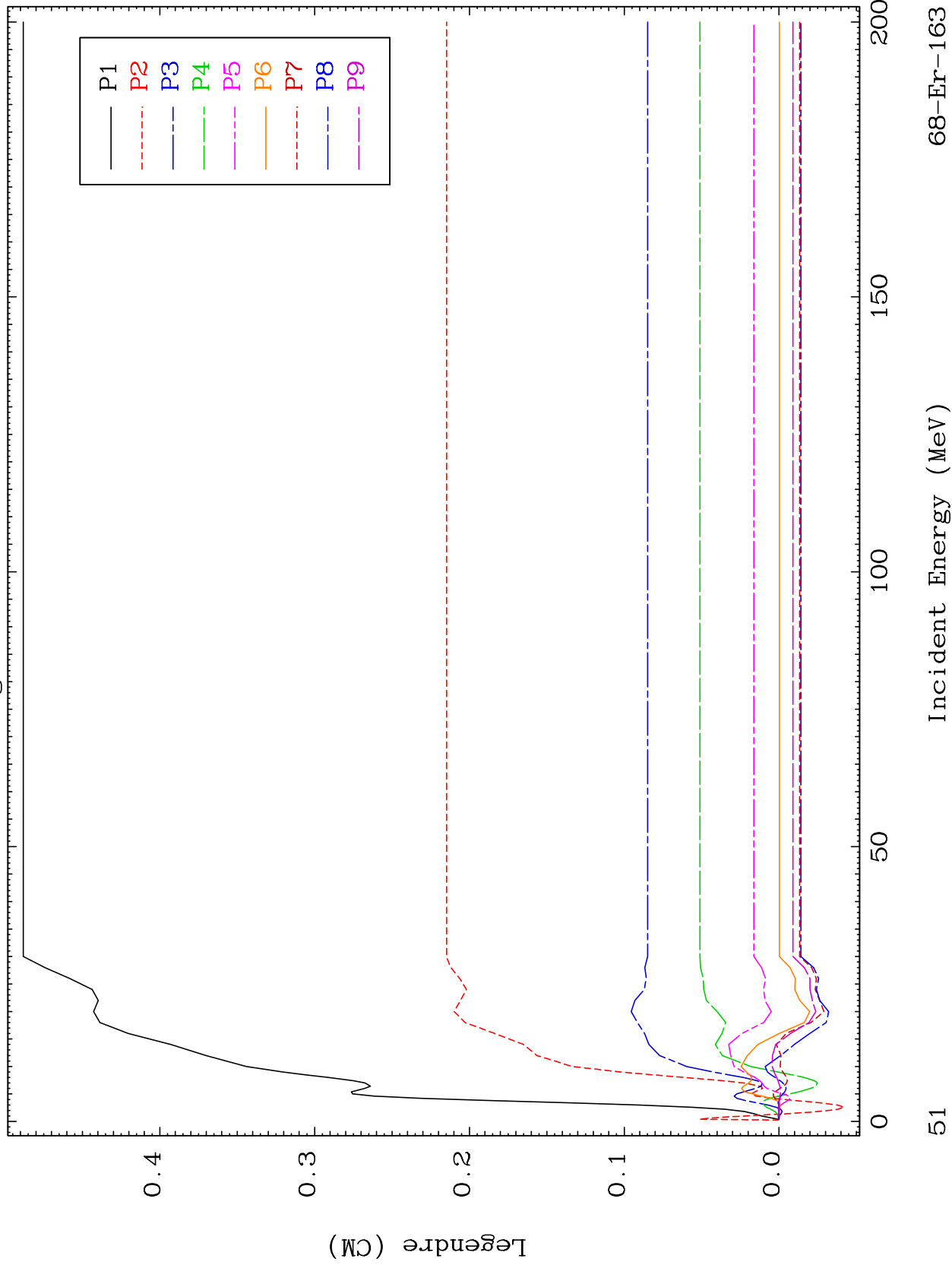
68-Er-163

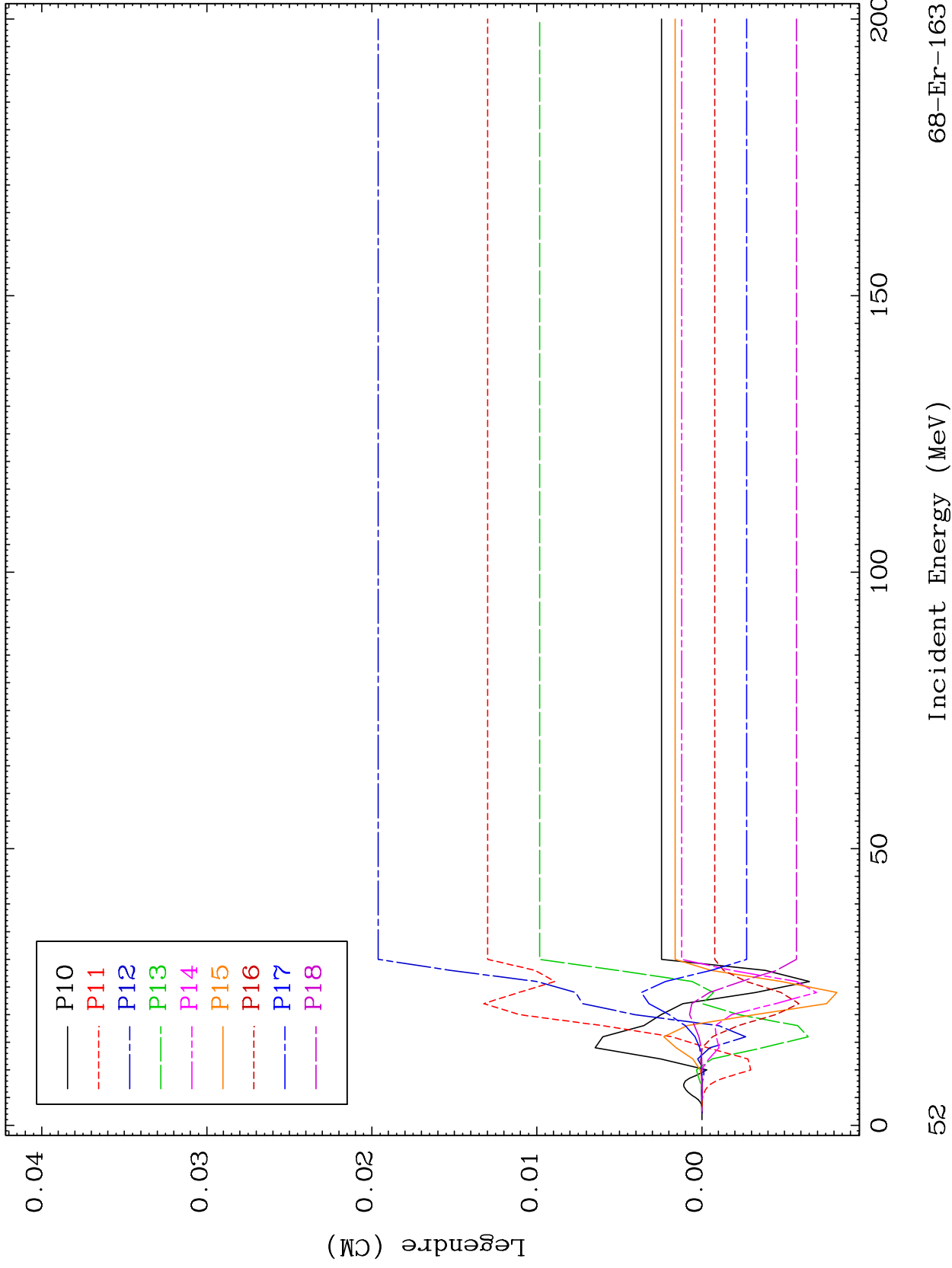
Incident Energy (MeV)

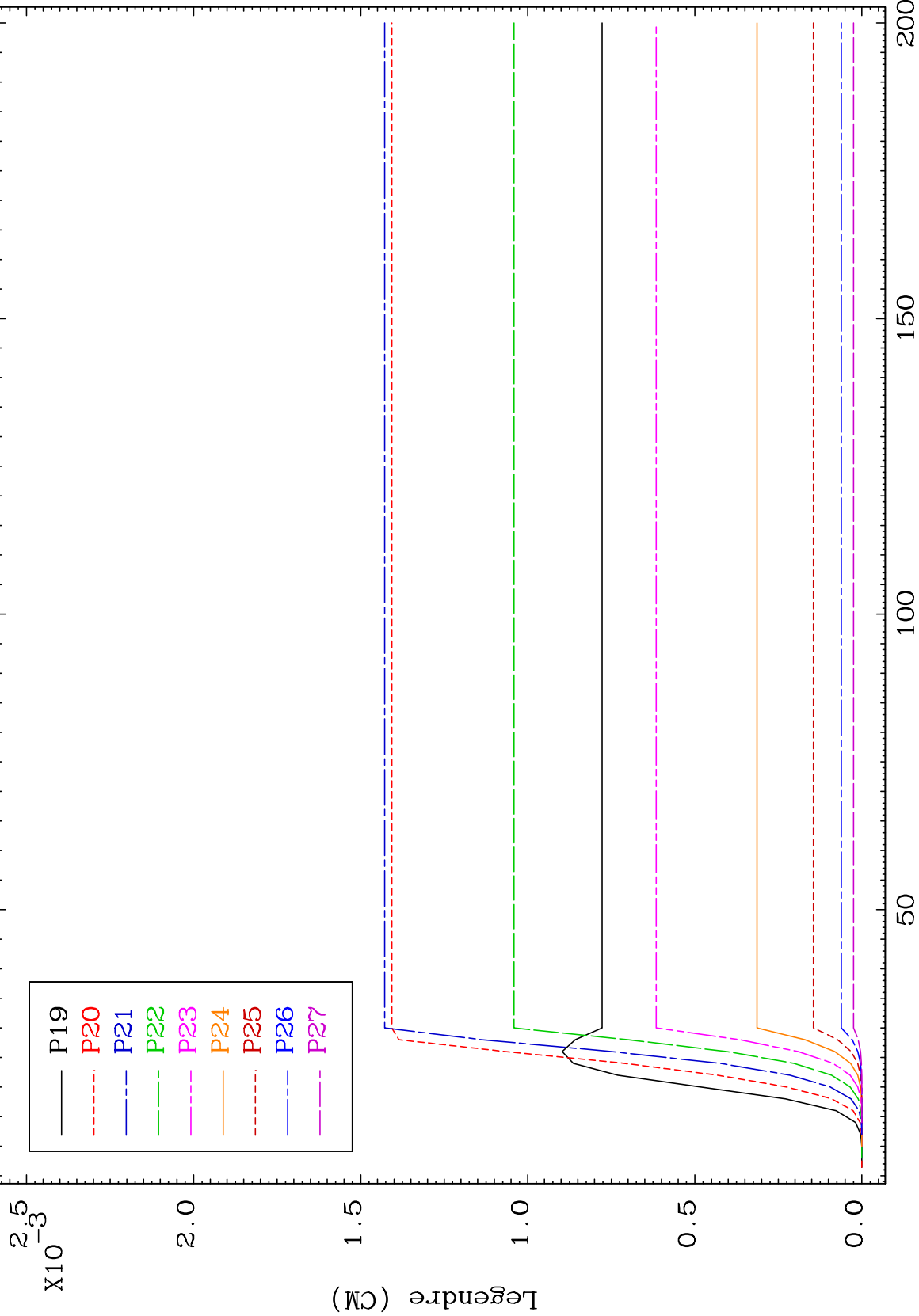
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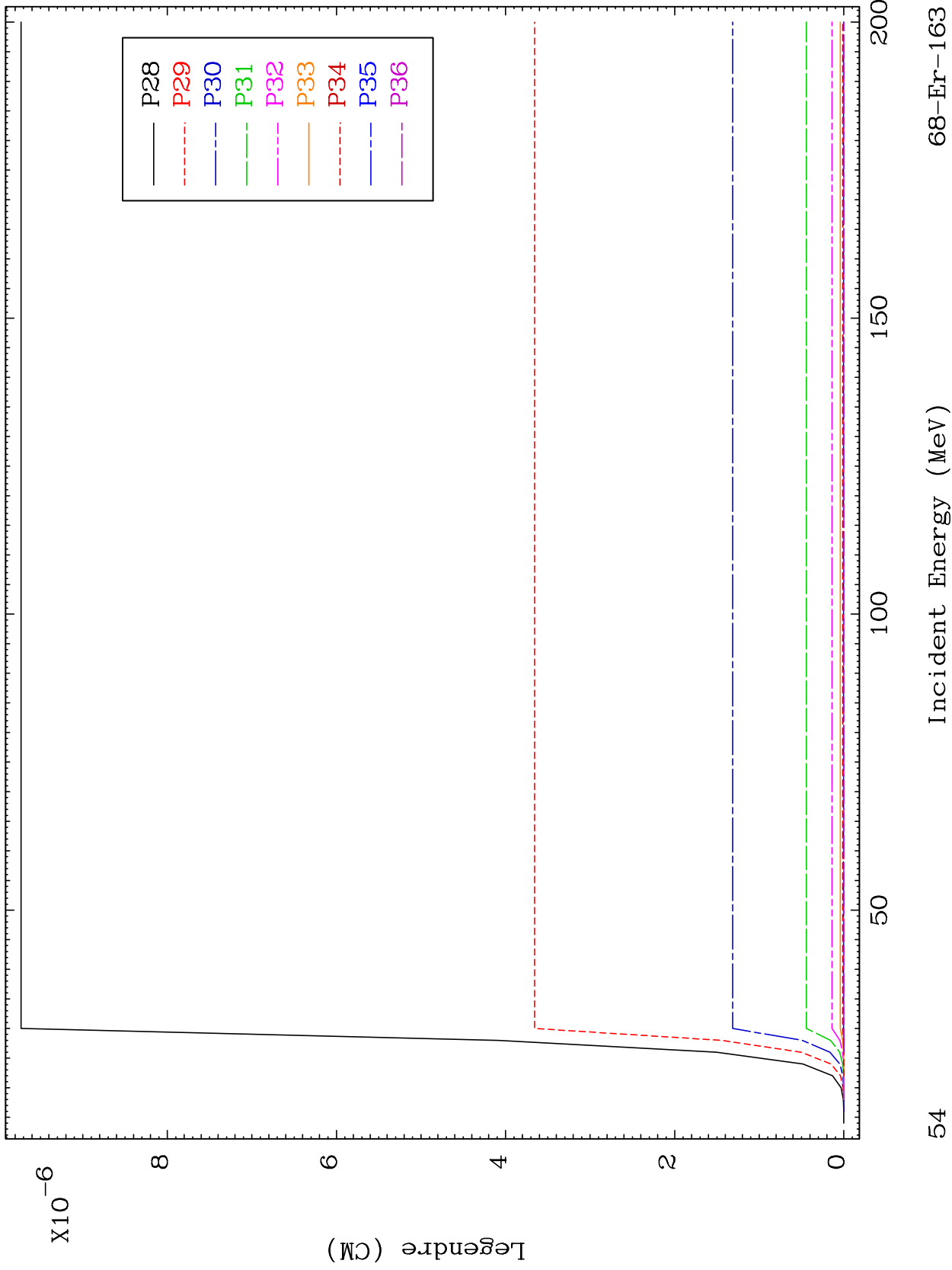




MAT 6828

247.0 keV (n,n') Level
Legendre Coefficients

68-Er-163



54

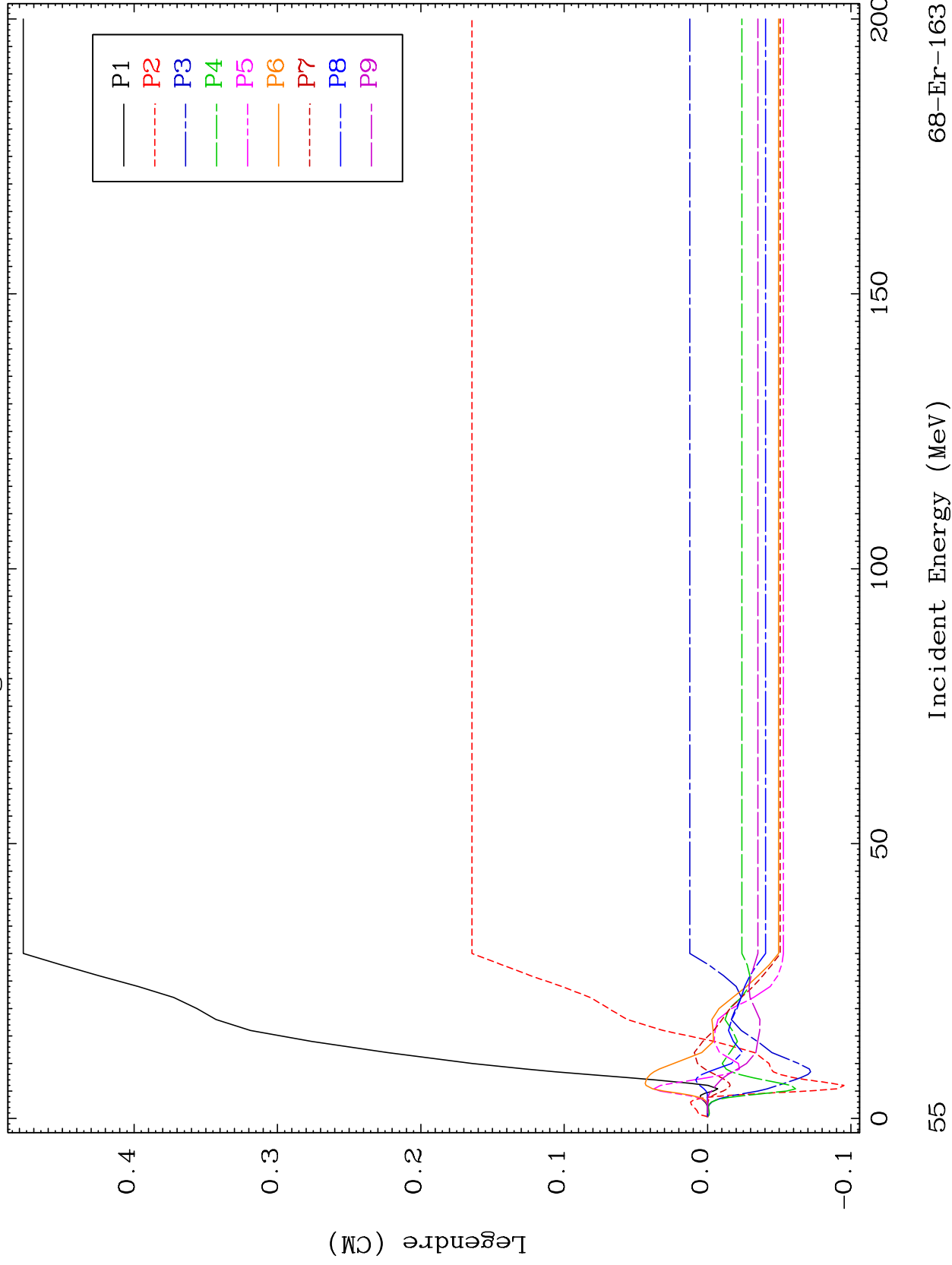
Incident Energy (MeV)

68-Er-163

MAT 6828

249.5 keV (n,n') Level
Legendre Coefficients

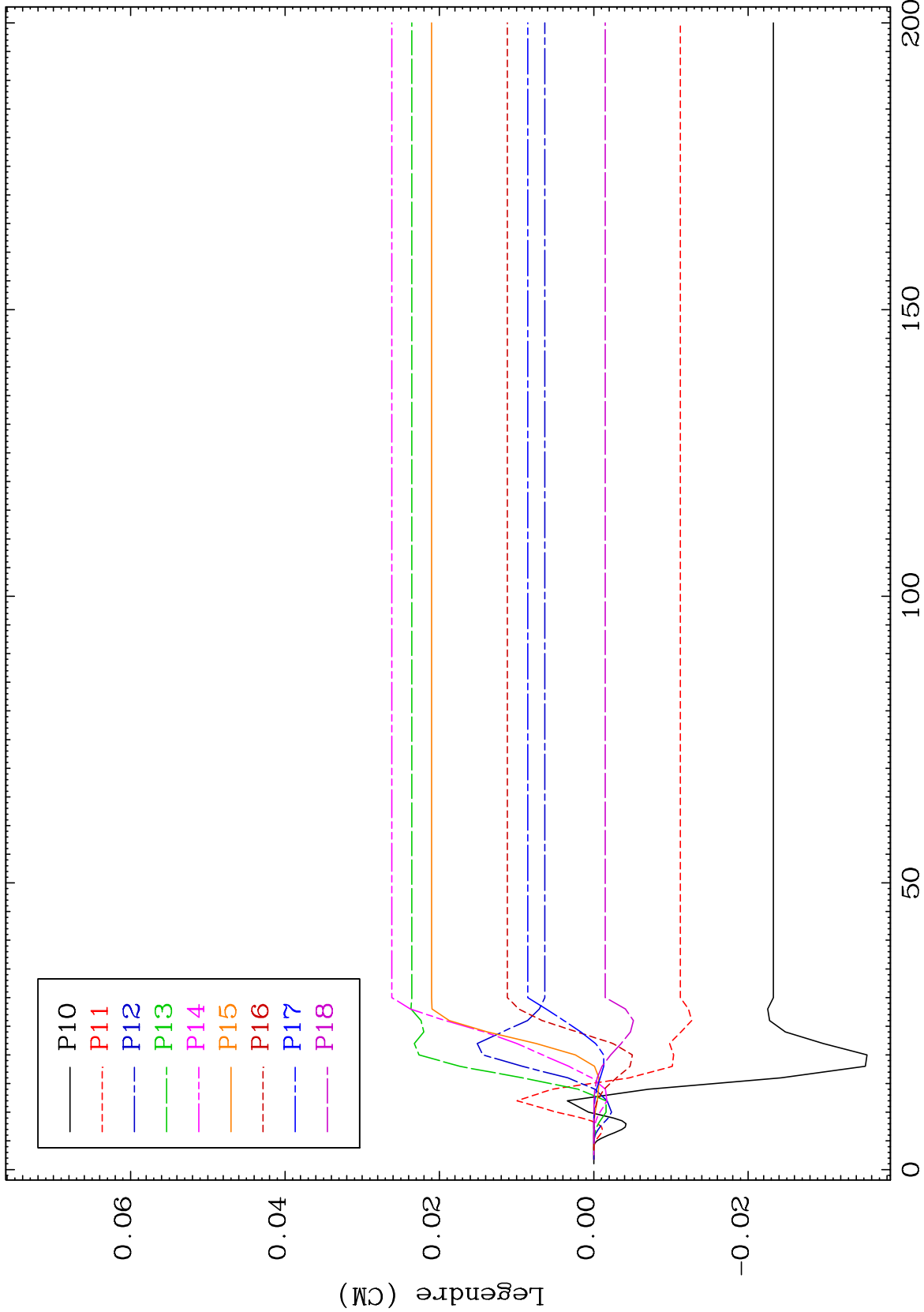
68-Er-163



68-Er-163

Incident Energy (MeV)

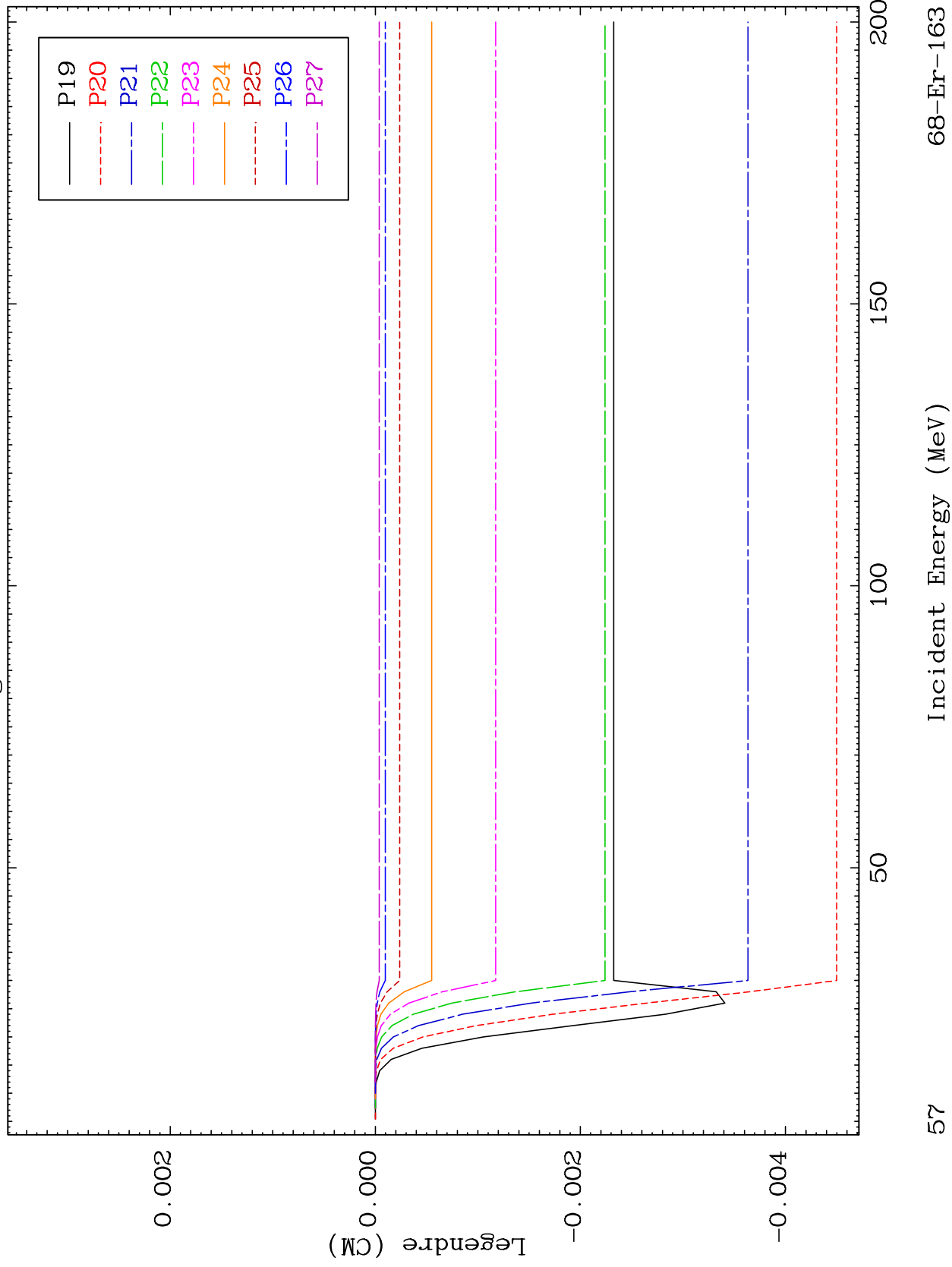
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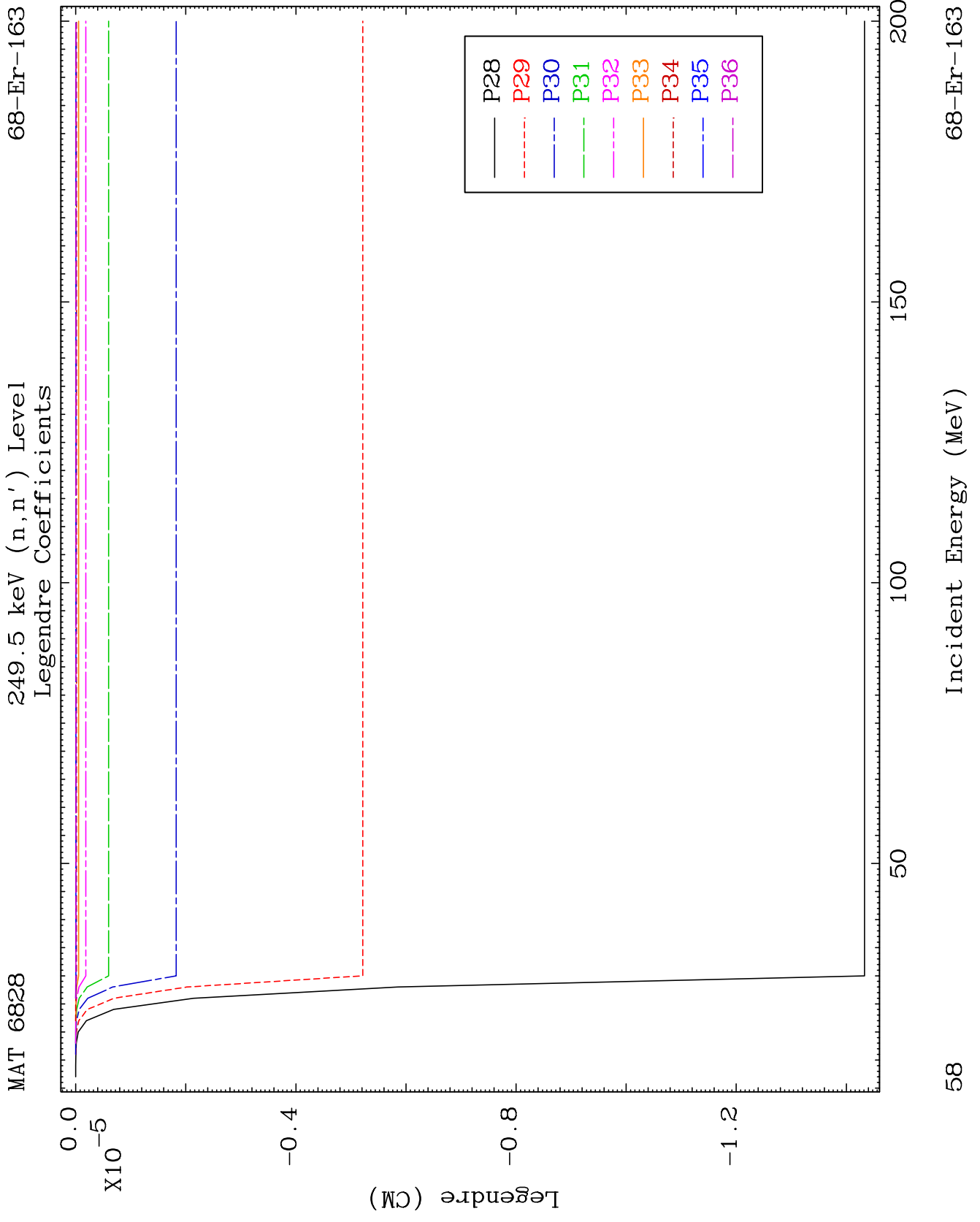
MAT 6828

249.5 keV (n,n') Level
Legendre Coefficients

68-Er-163



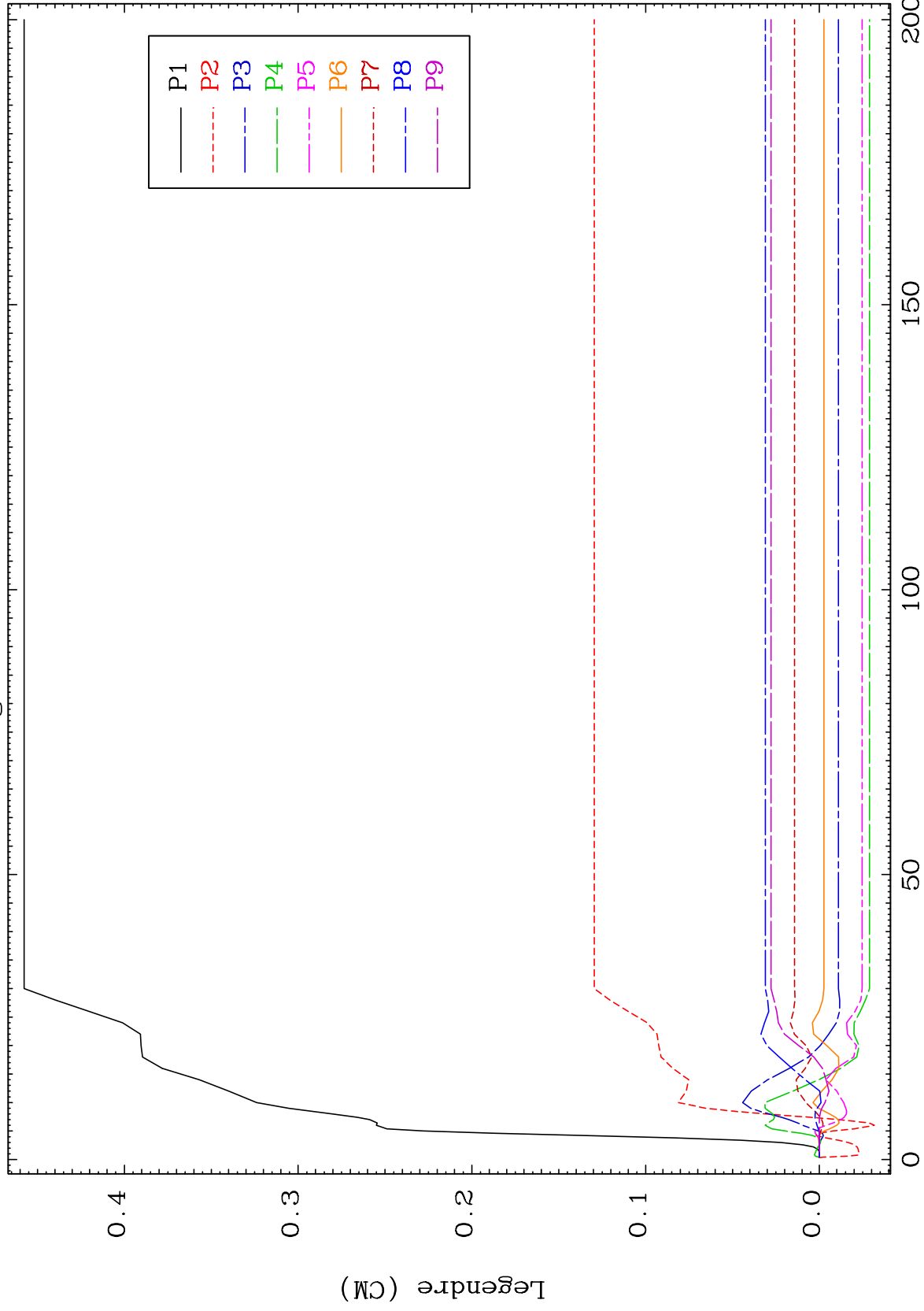
57



MAT 6828

319.7 keV (n,n') Level
Legendre Coefficients

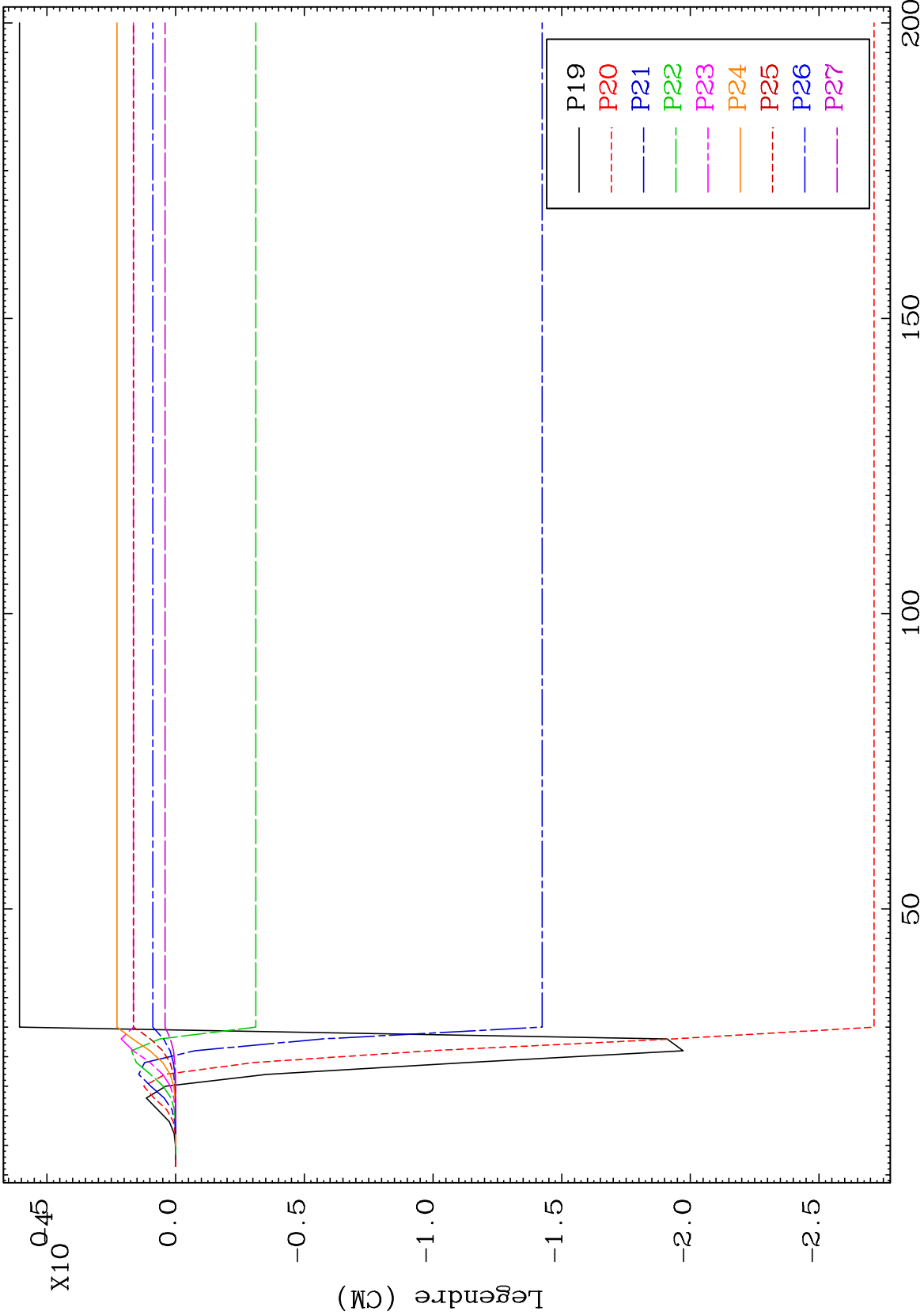
68-Er-163



59

Incident Energy (MeV)

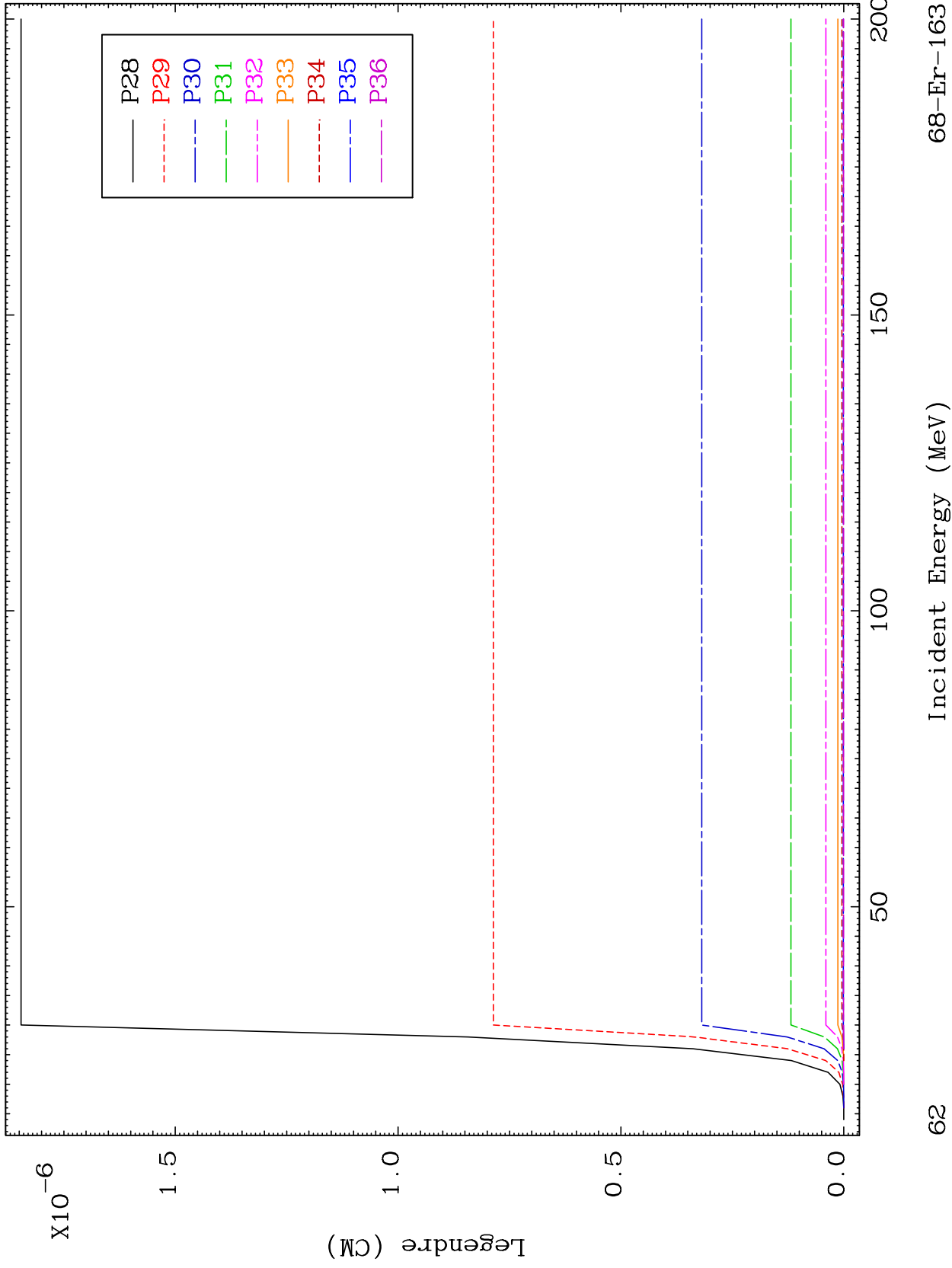
68-Er-163



MAT 6828

319.7 keV (n,n') Level
Legendre Coefficients

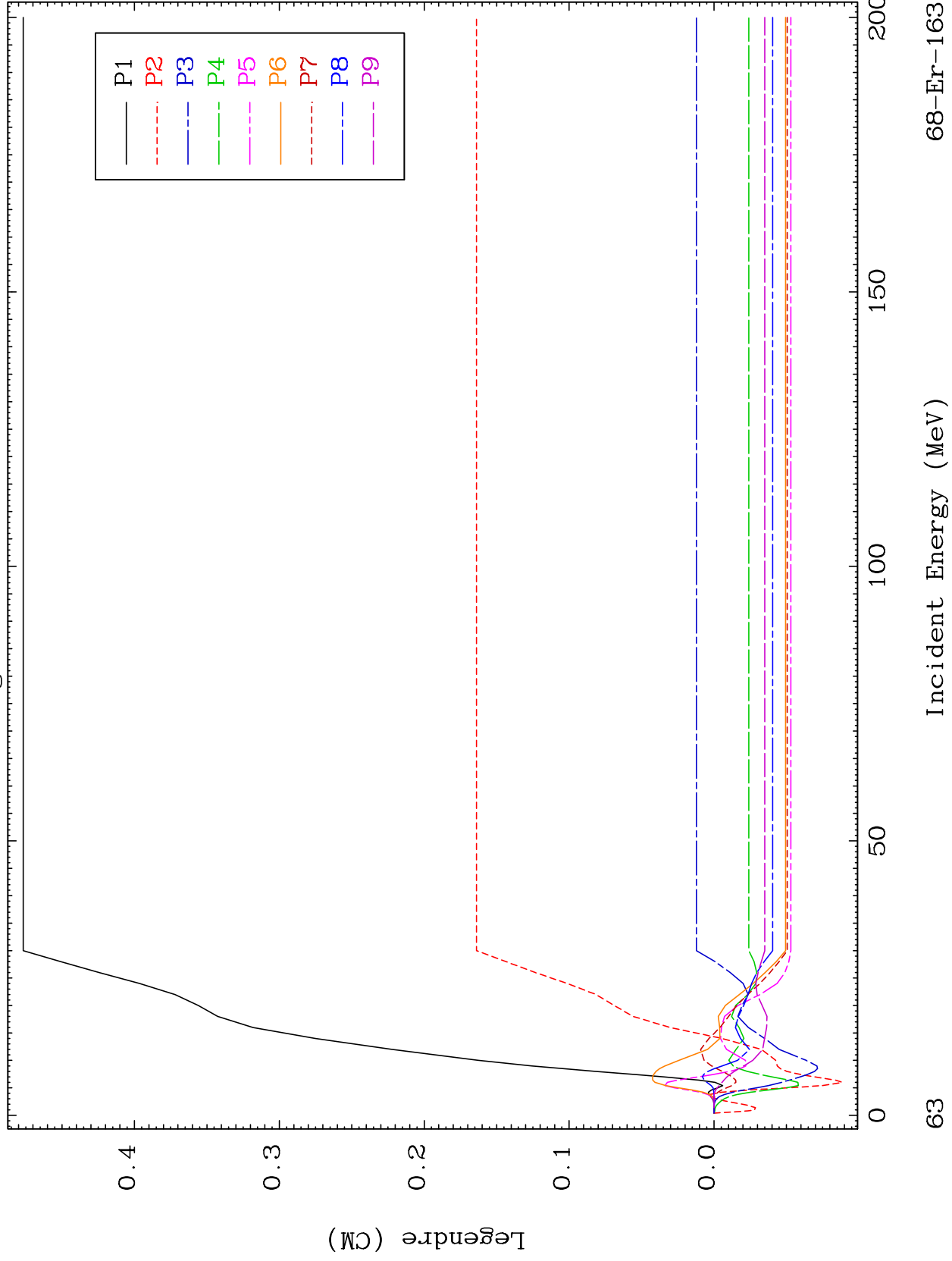
68-Er-163



MAT 6828

345.6 keV (n,n') Level
Legendre Coefficients

68-Er-163



68-Er-163

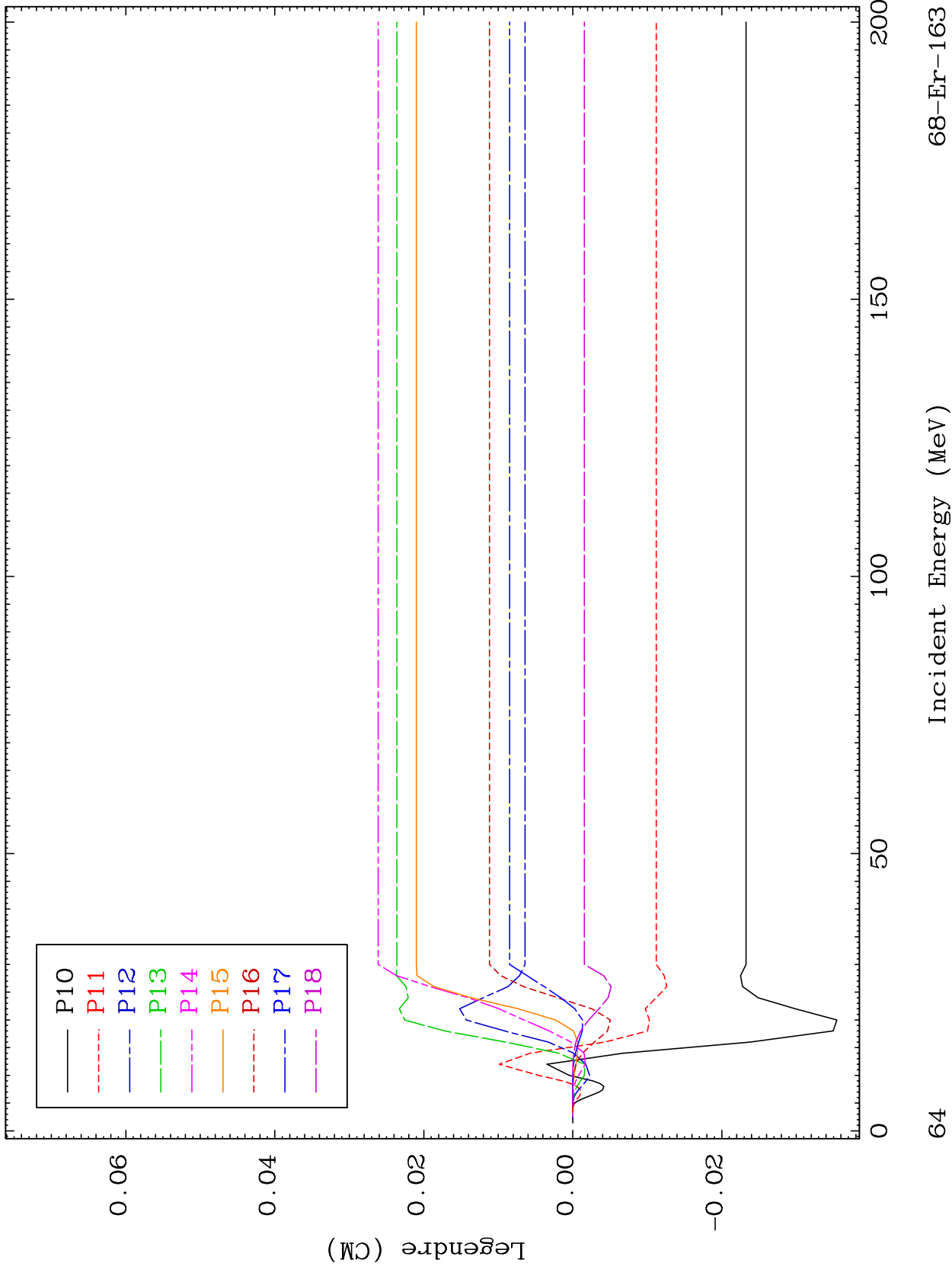
Incident Energy (MeV)

63

MAT 6828

345.6 keV (n,n') Level
Legendre Coefficients

68-Er-163



64

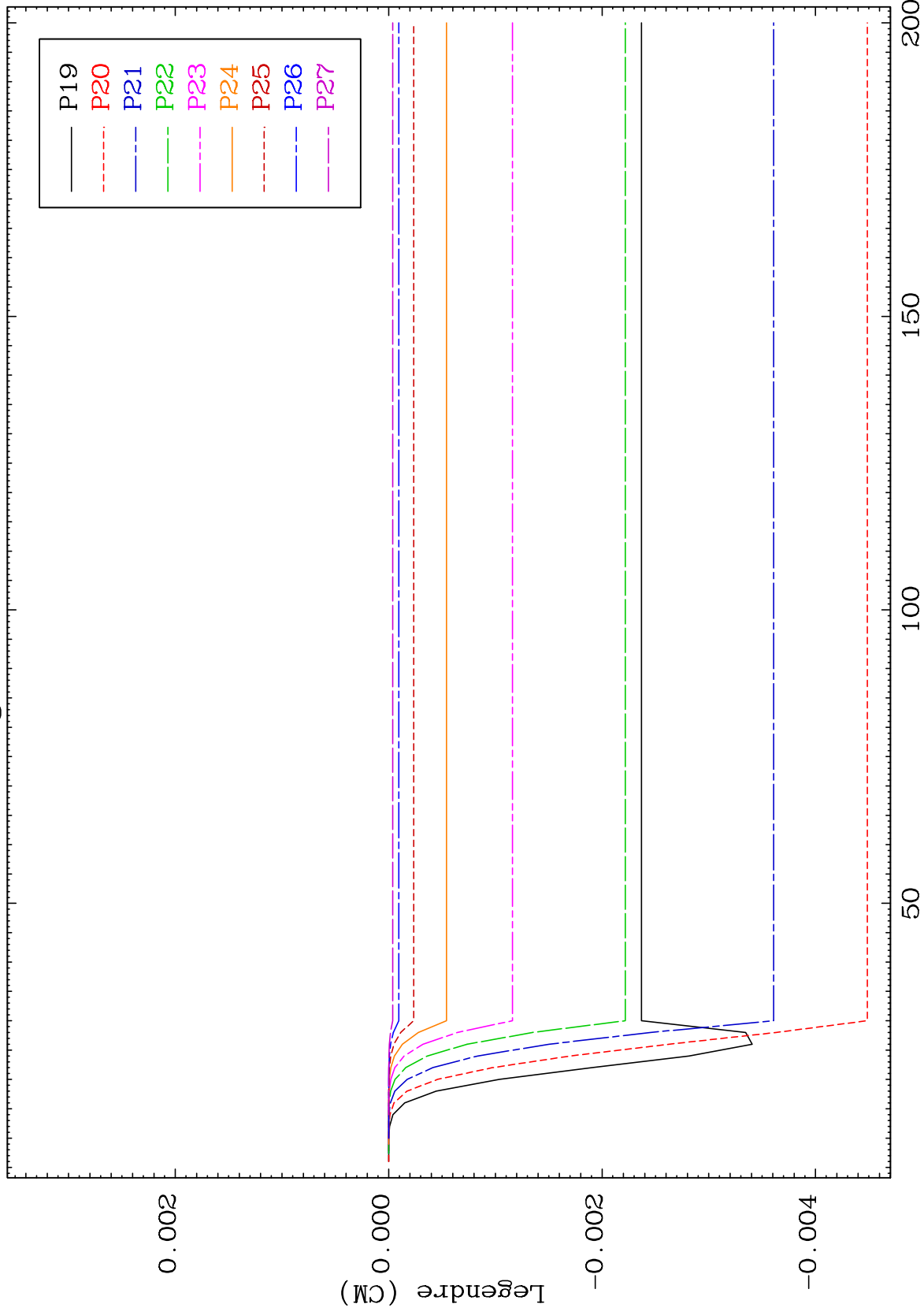
Incident Energy (MeV)

68-Er-163

MAT 6828

345.6 keV (n,n') Level
Legendre Coefficients

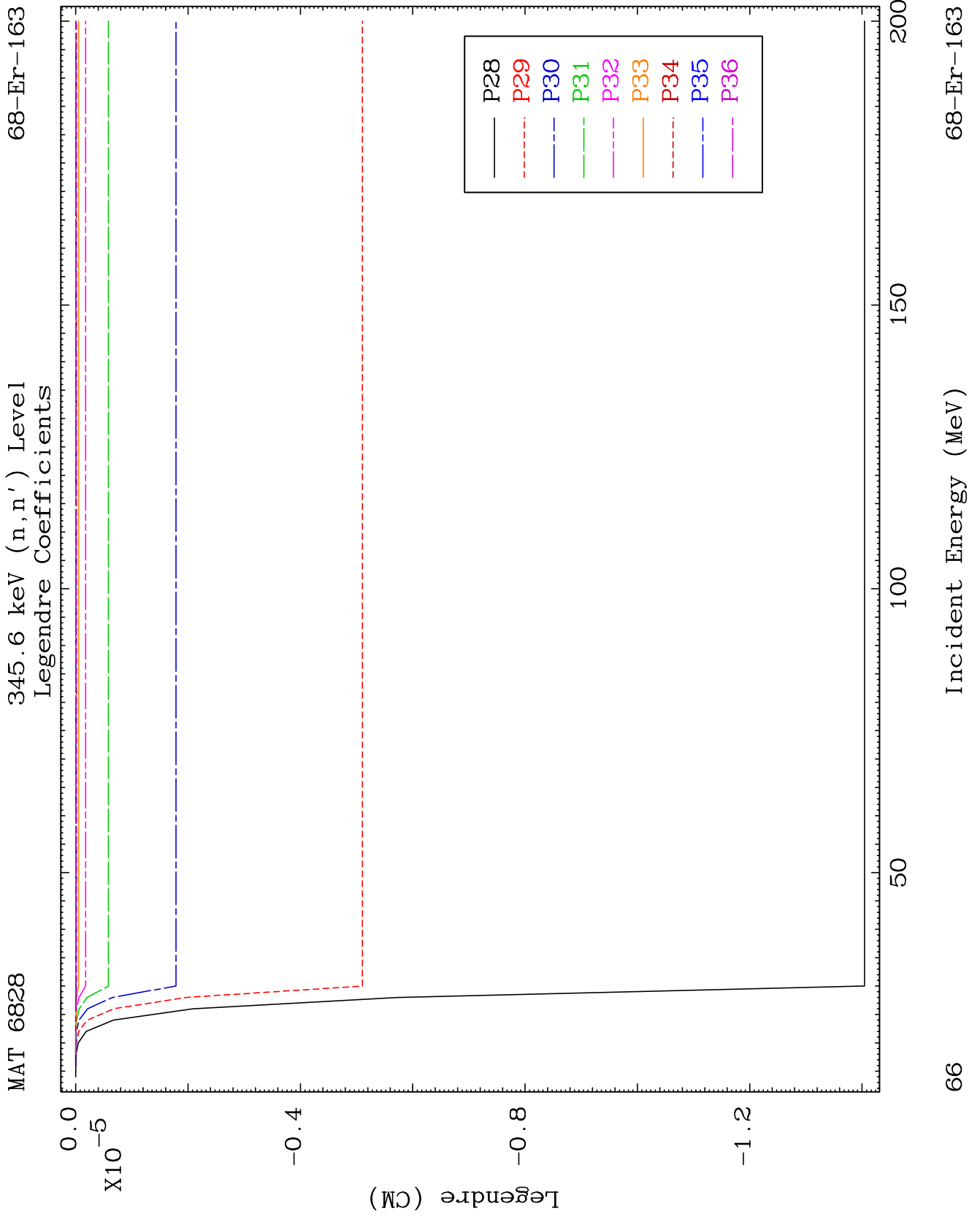
68-Er-163



65

Incident Energy (MeV)

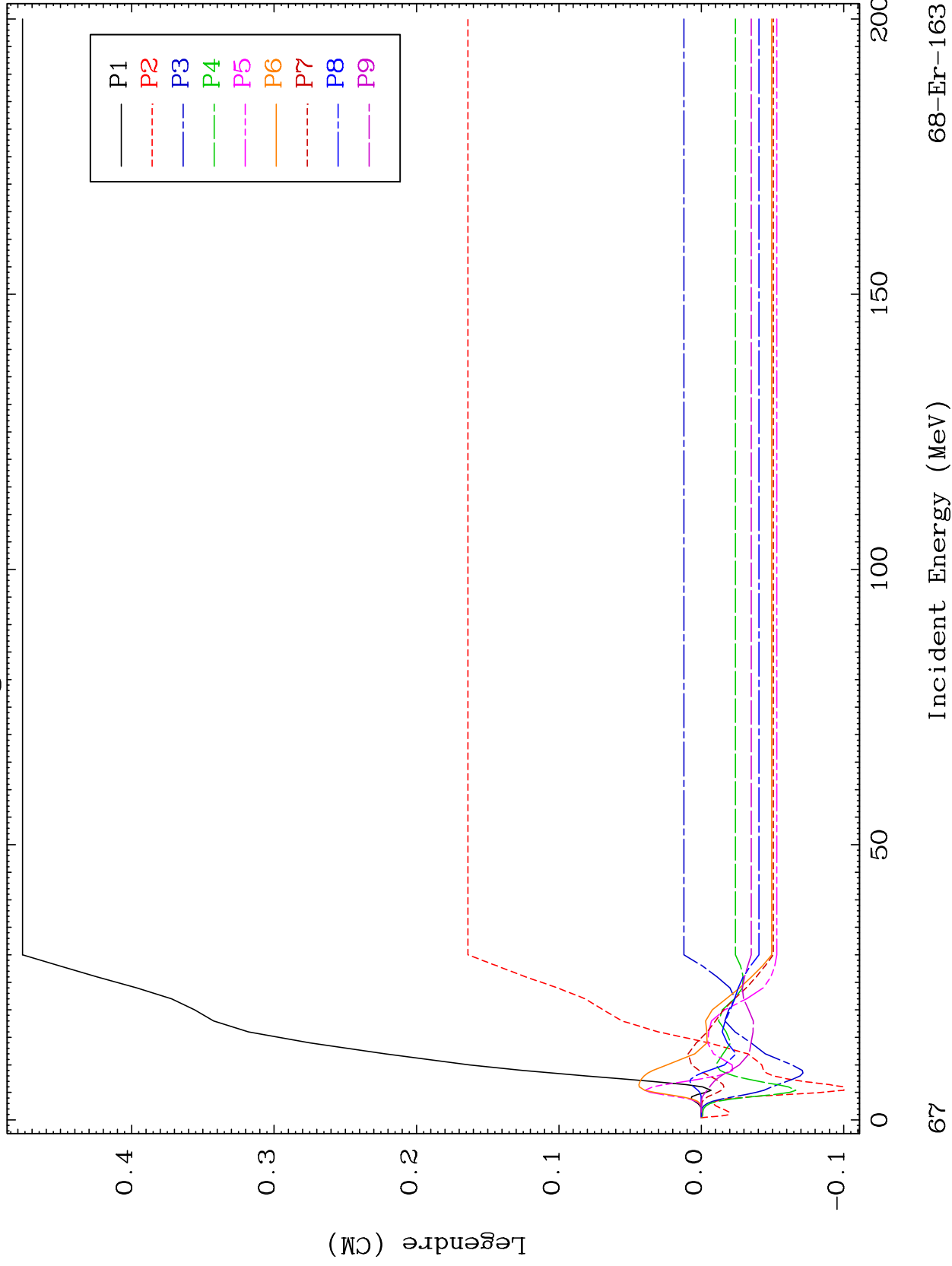
68-Er-163



MAT 6828

359.8 keV (n,n') Level
Legendre Coefficients

68-Er-163



68-Er-163

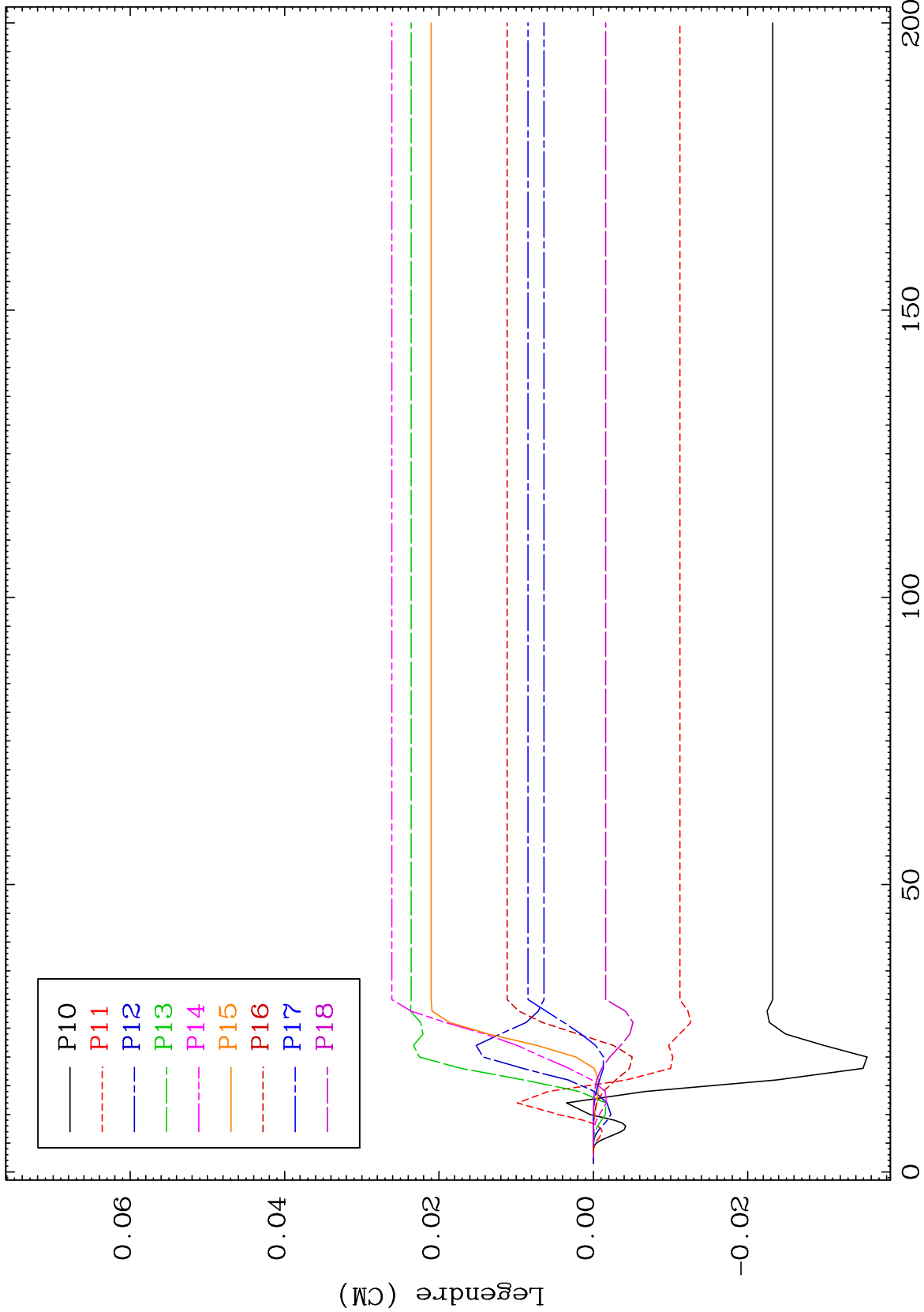
Incident Energy (MeV)

67

MAT 6828

359.8 keV (n,n') Level
Legendre Coefficients

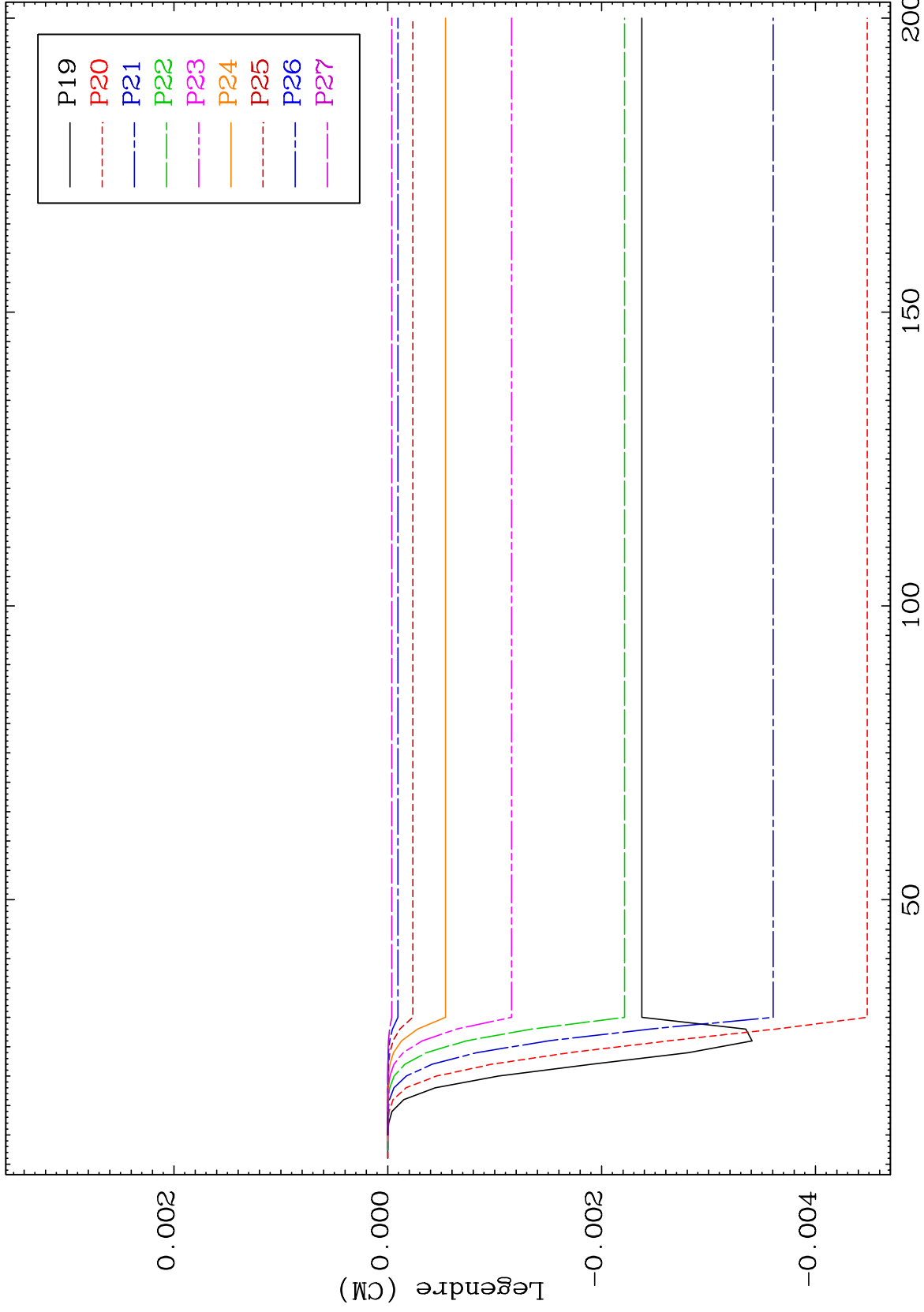
68-Er-163

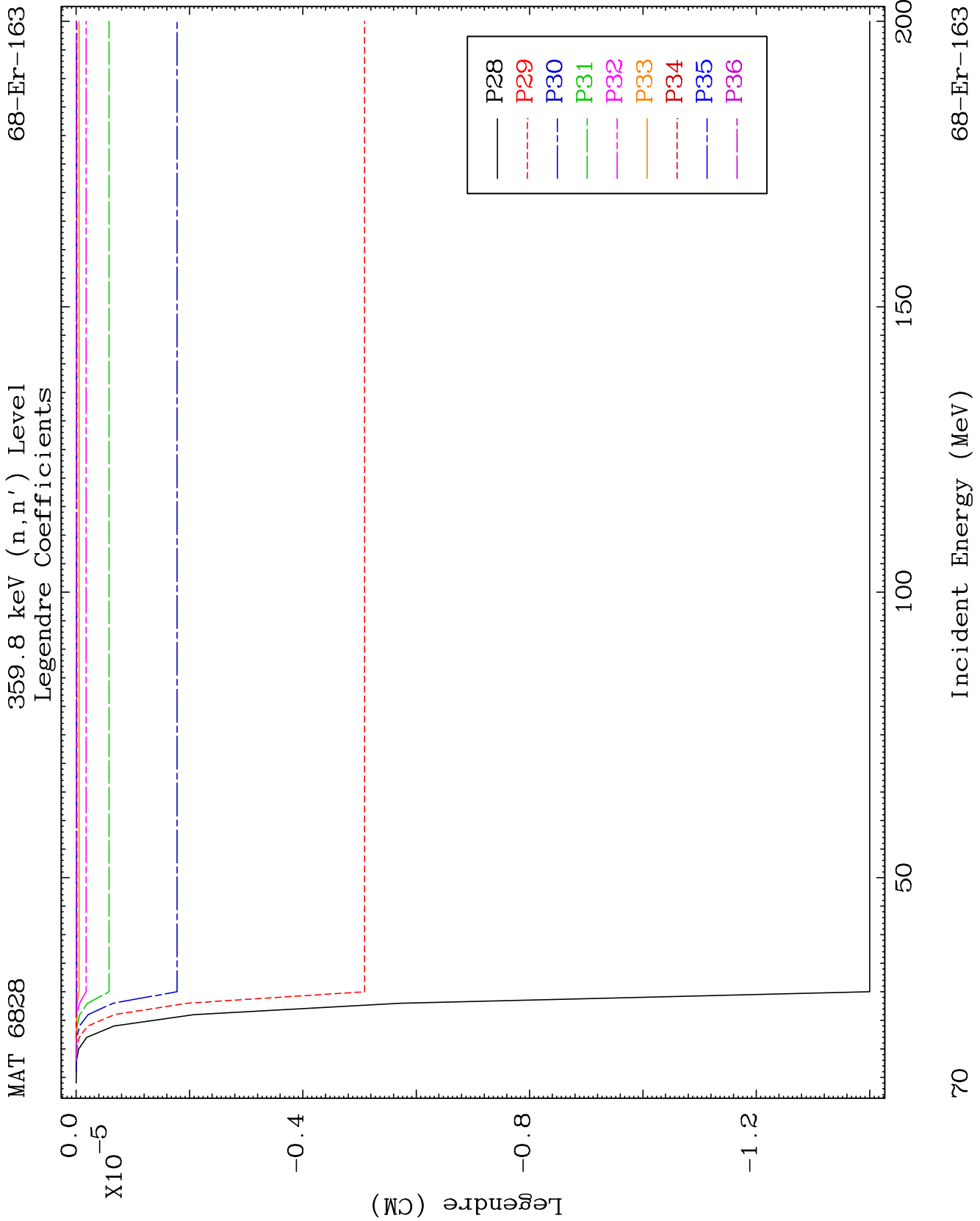


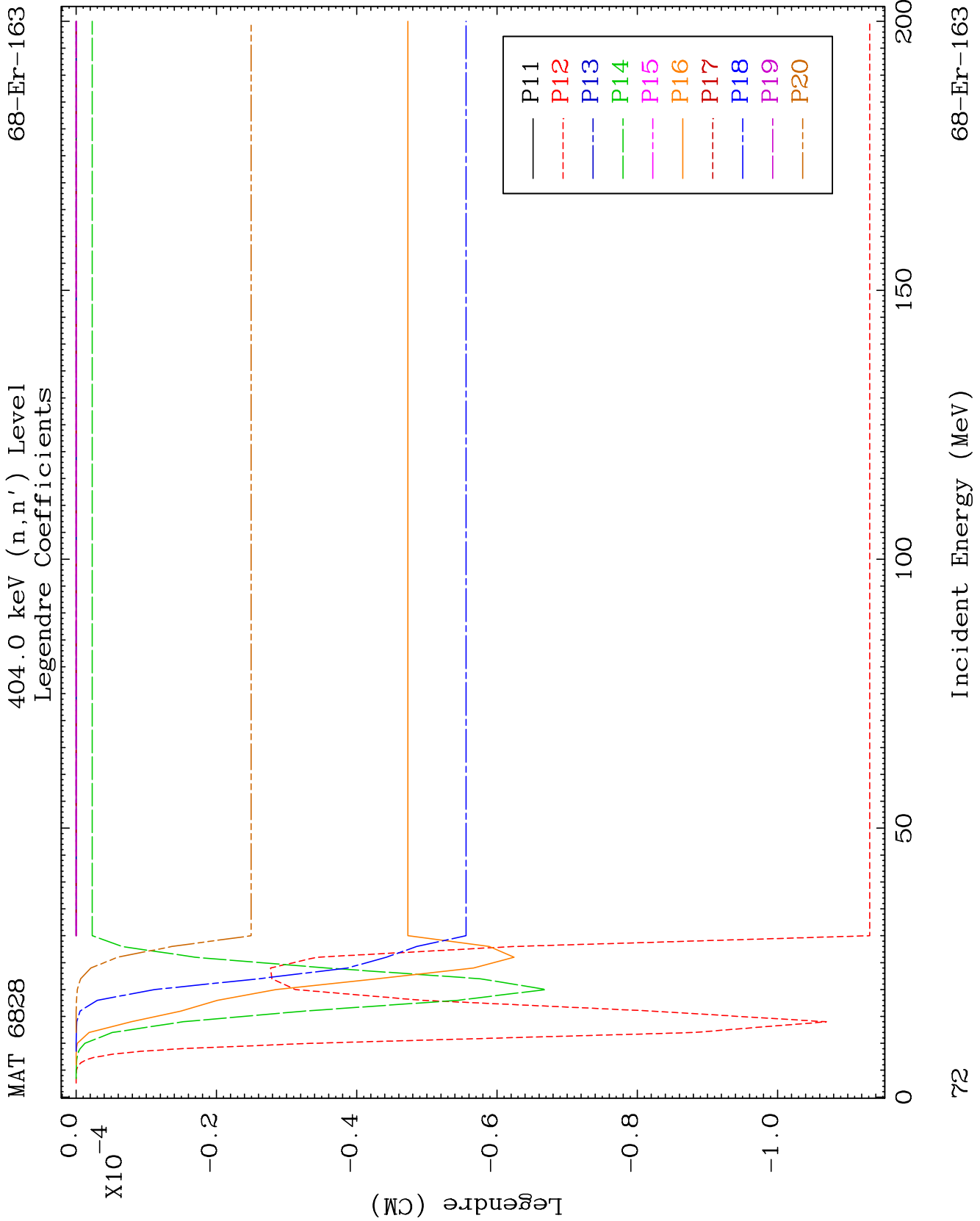
68

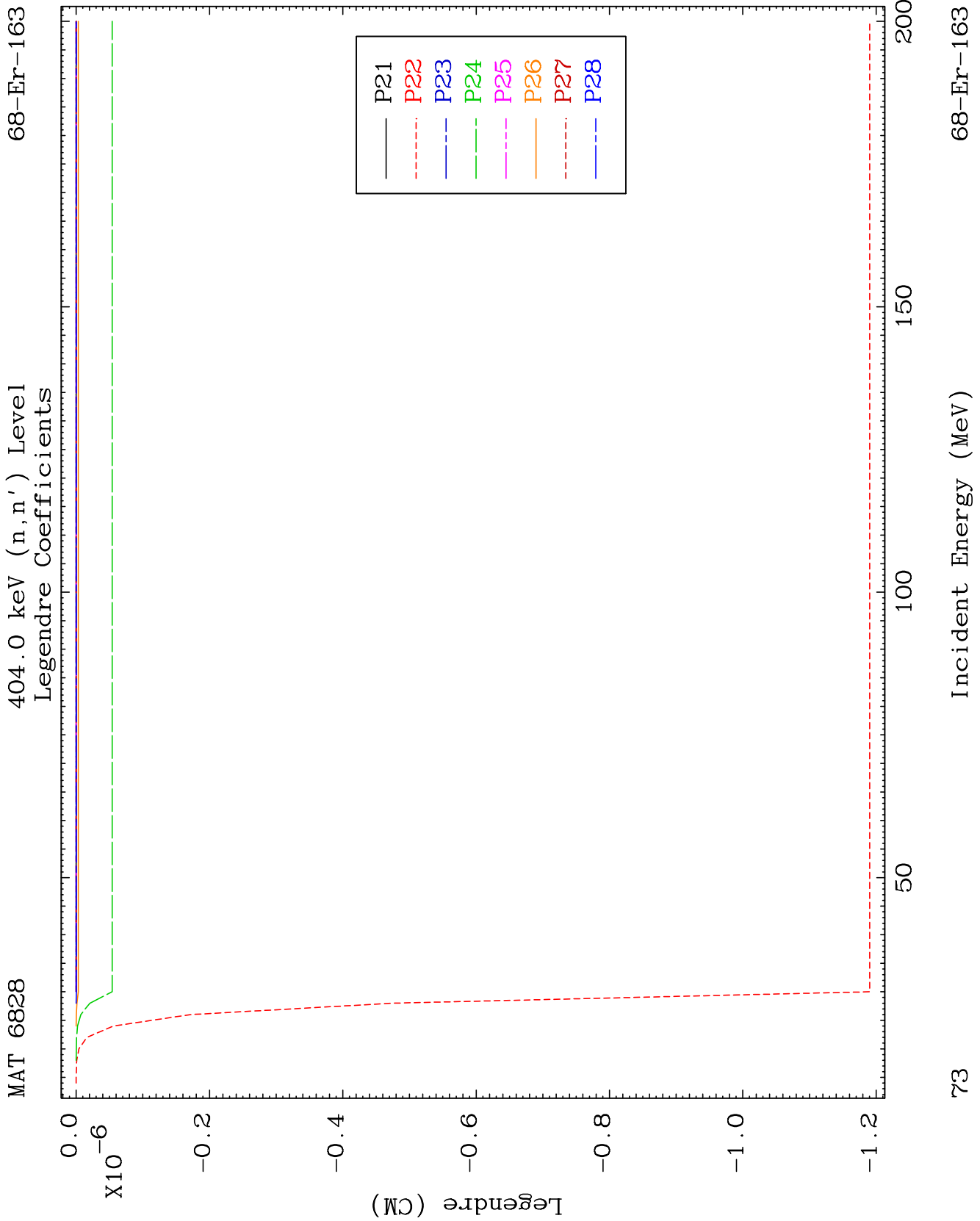
Incident Energy (MeV)

68-Er-163





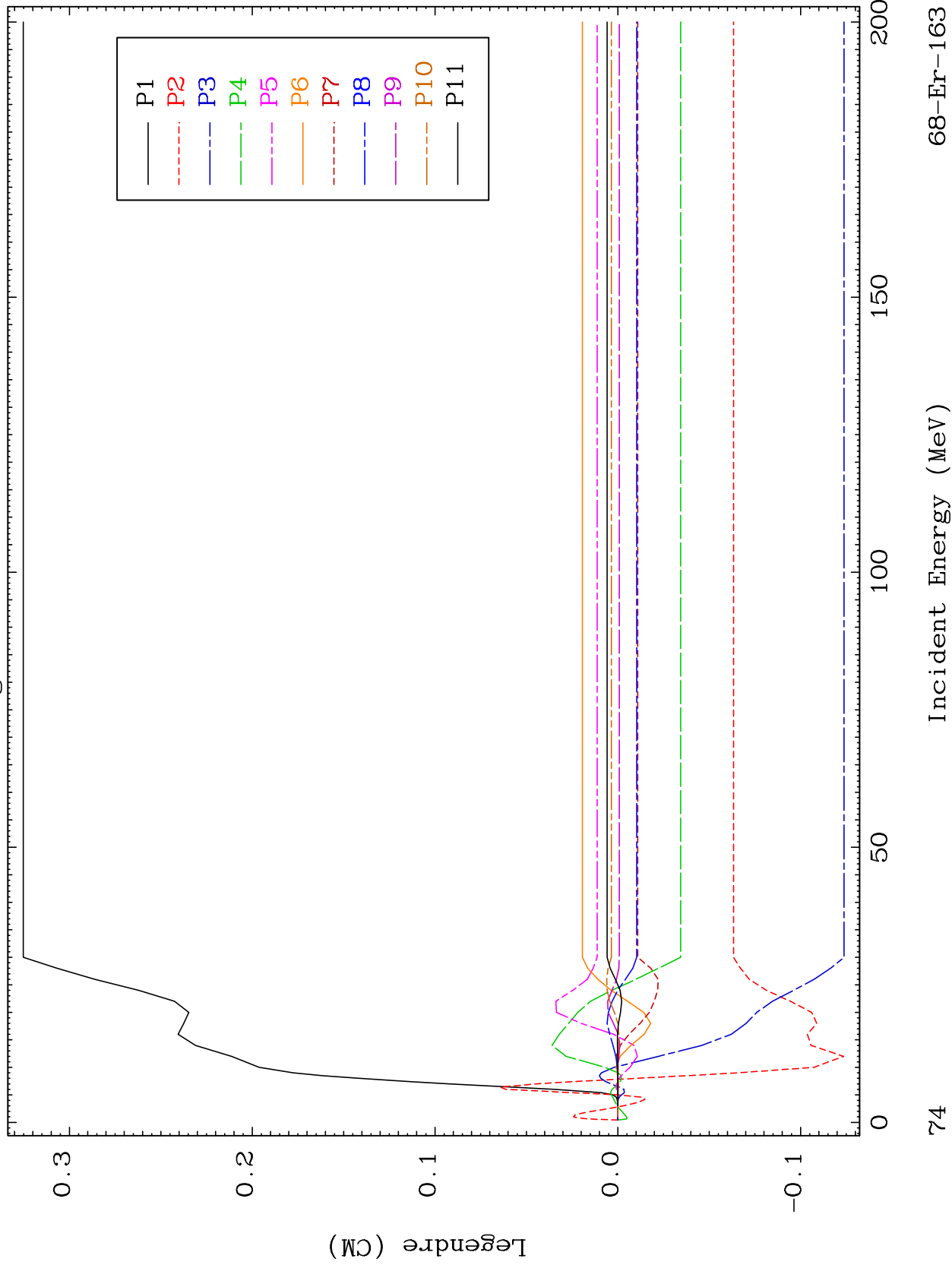




MAT 6828

411.9 keV (n,n') Level
Legendre Coefficients

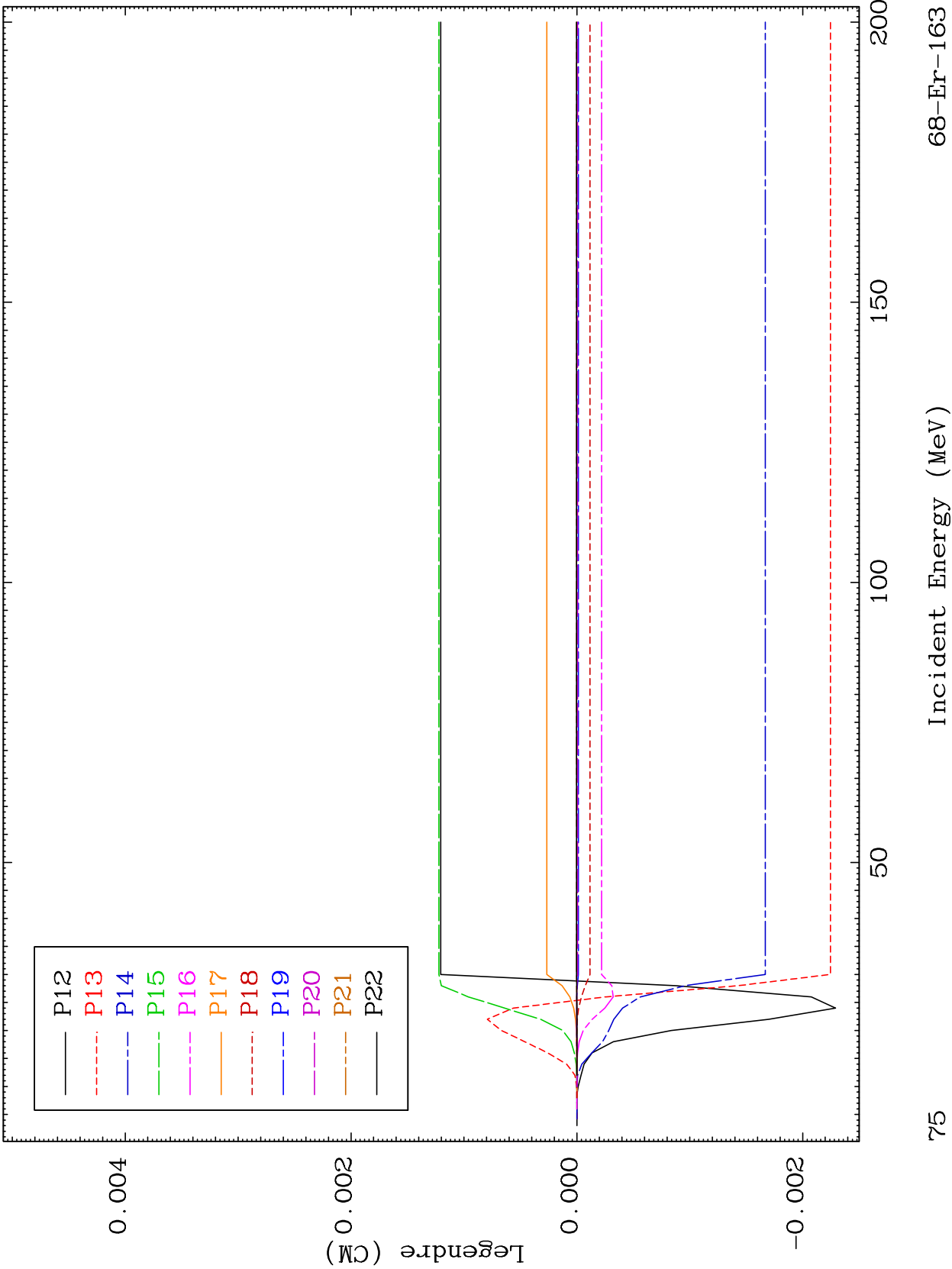
68-Er-163



68-Er-163

Incident Energy (MeV)

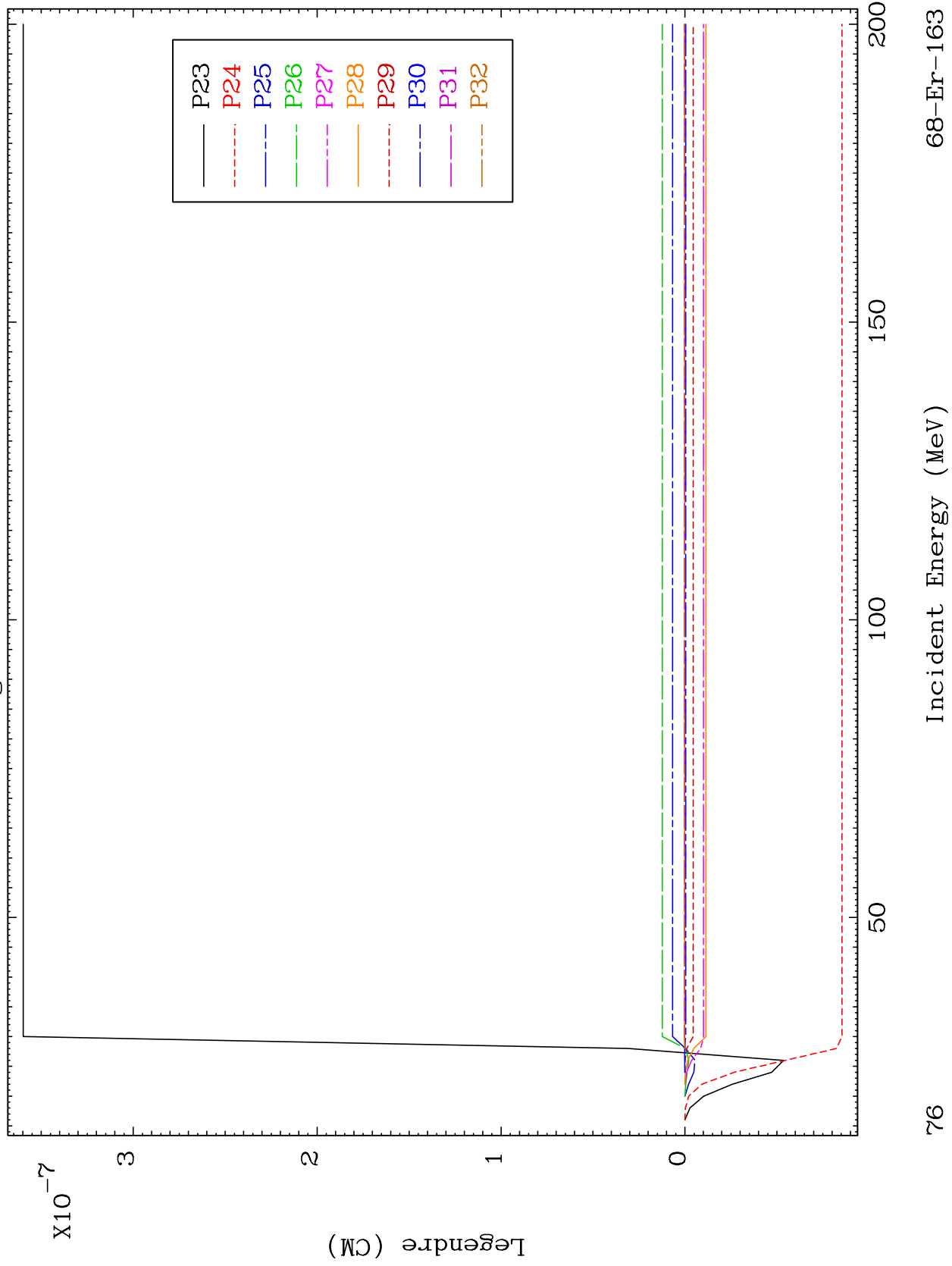
74



MAT 6828

411.9 keV (n,n') Level
Legendre Coefficients

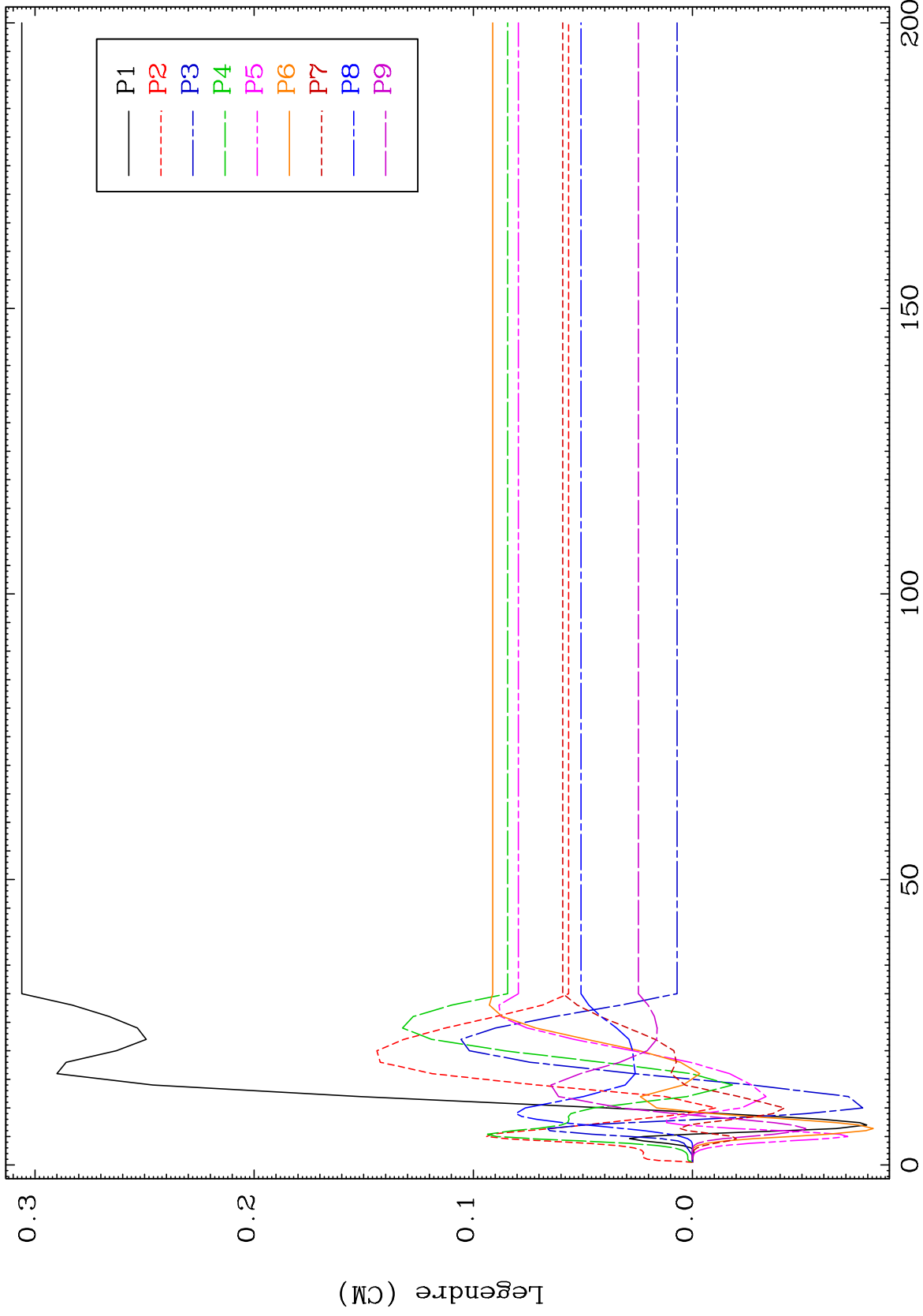
68-Er-163



MAT 6828

439.5 keV (n,n') Level
Legendre Coefficients

68-Er-163



77

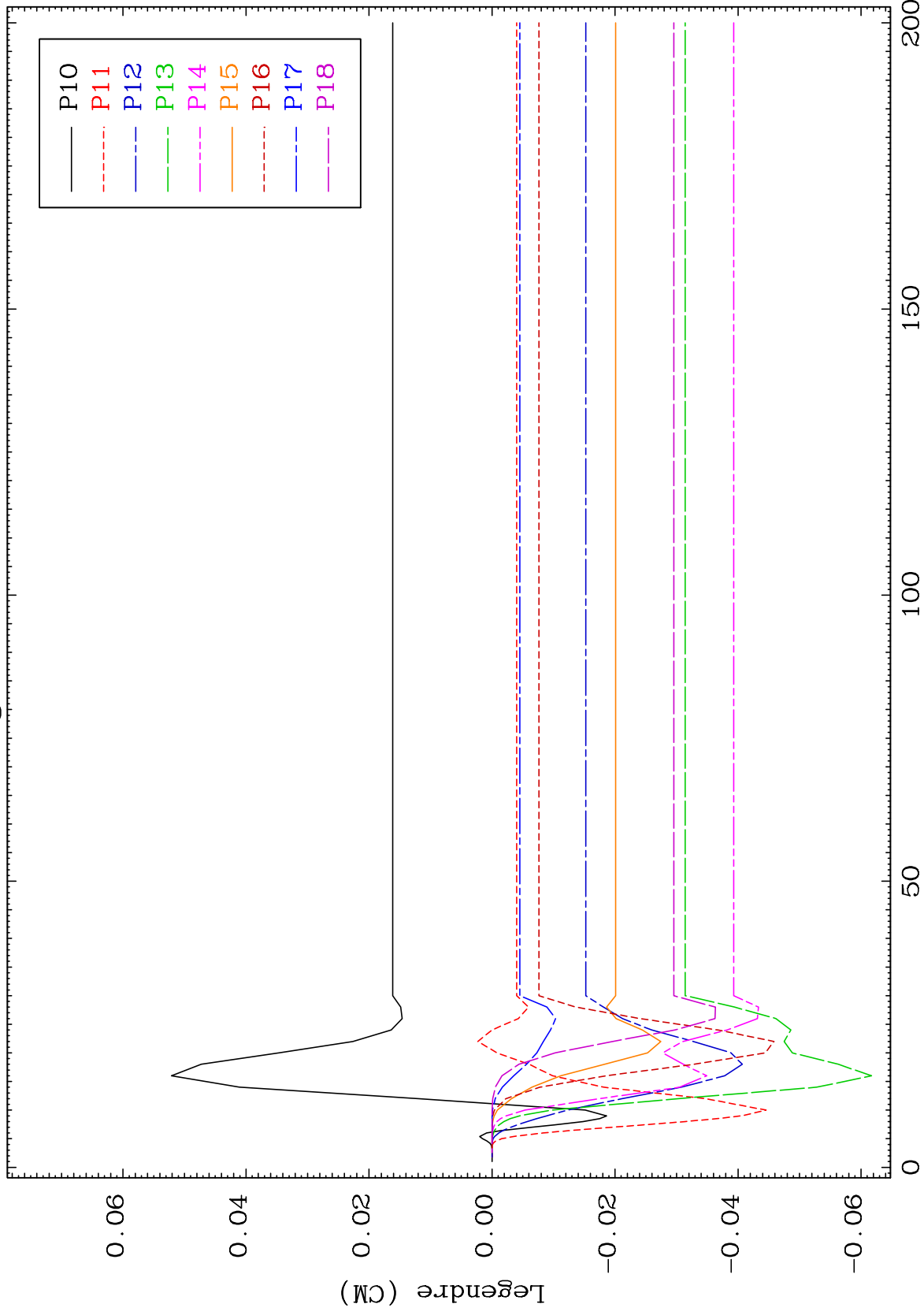
Incident Energy (MeV)

68-Er-163

MAT 6828

439.5 keV (n,n') Level
Legendre Coefficients

68-Er-163



78

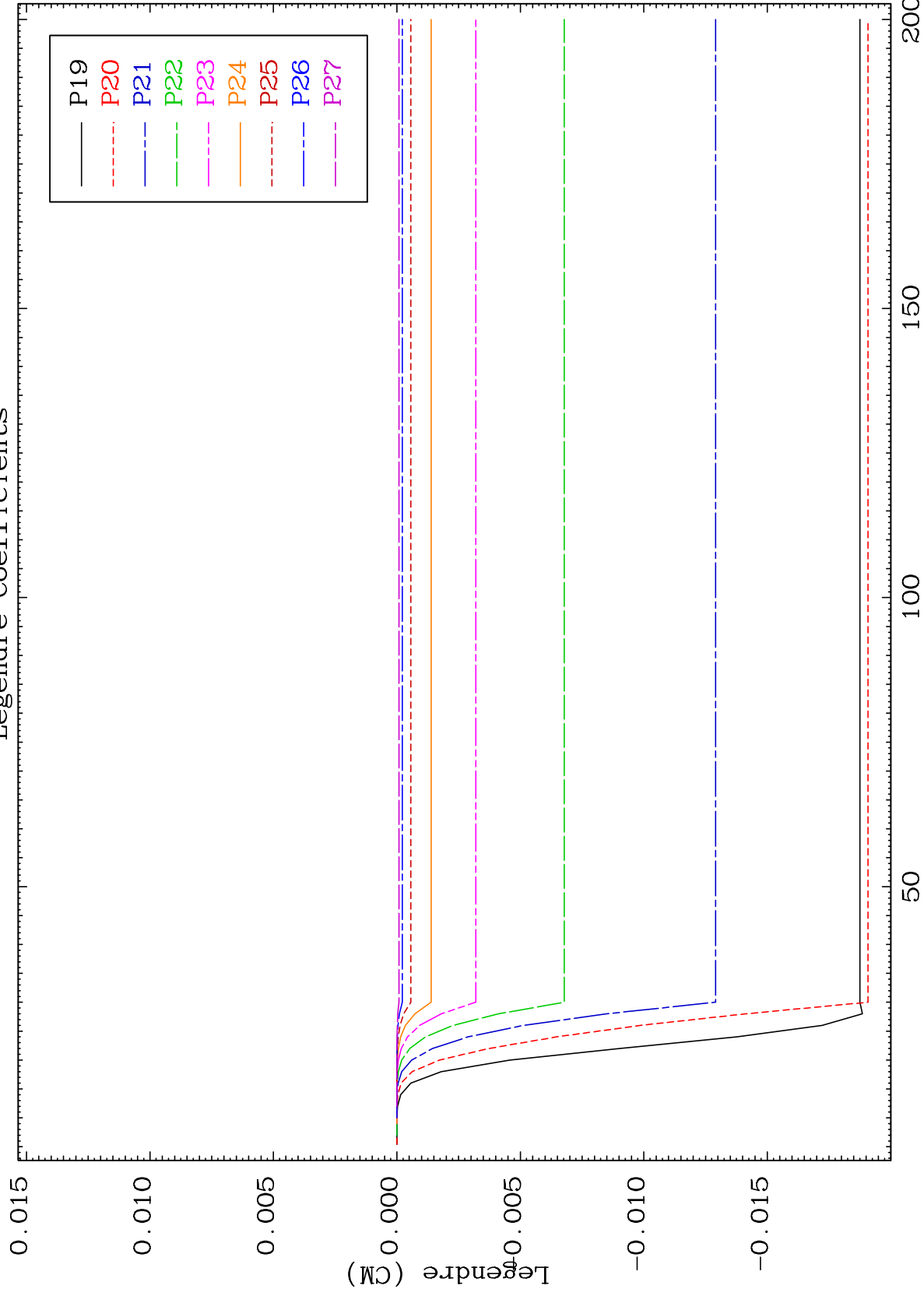
Incident Energy (MeV)

68-Er-163

MAT 6828

439.5 keV (n,n') Level
Legendre Coefficients

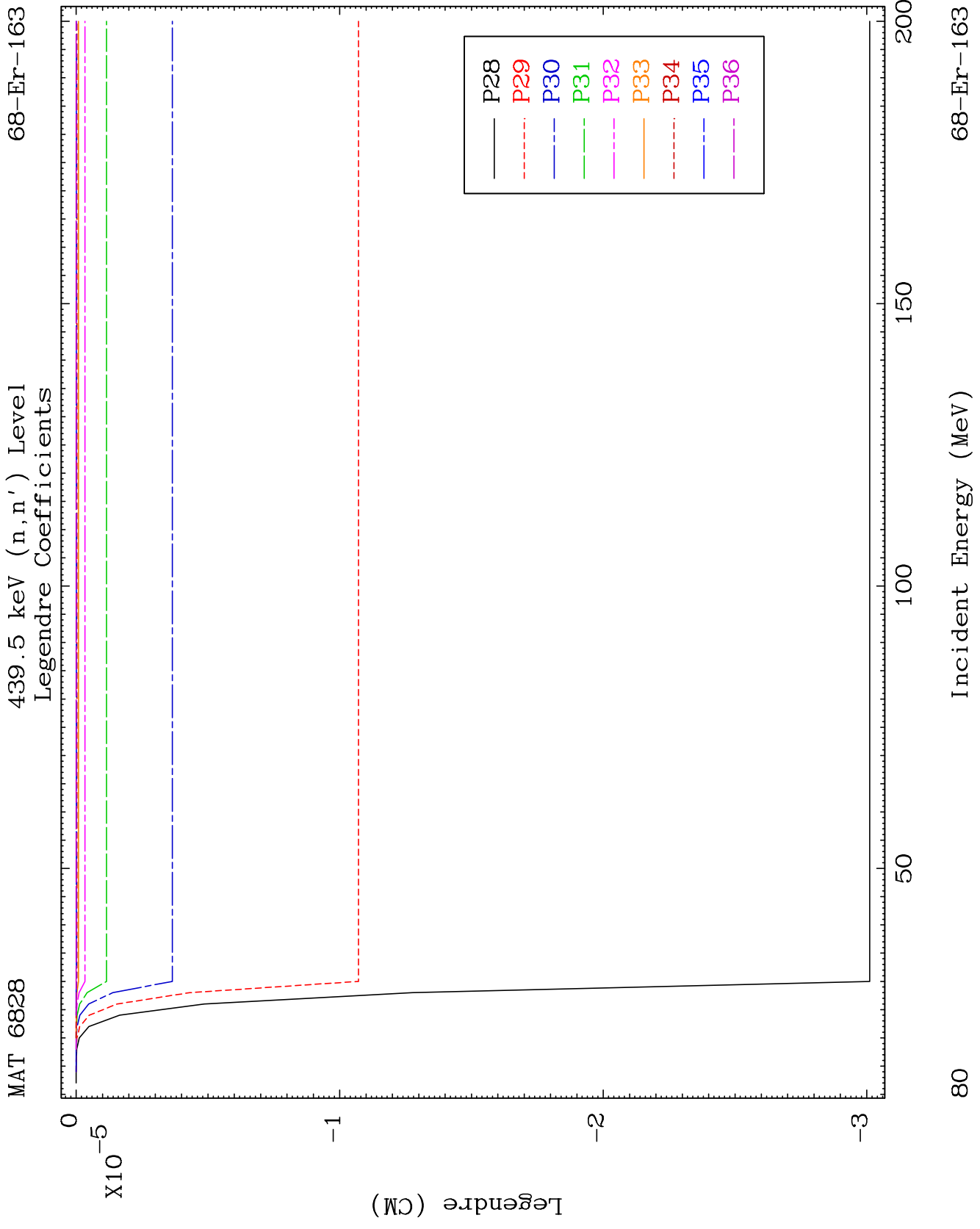
68-Er-163

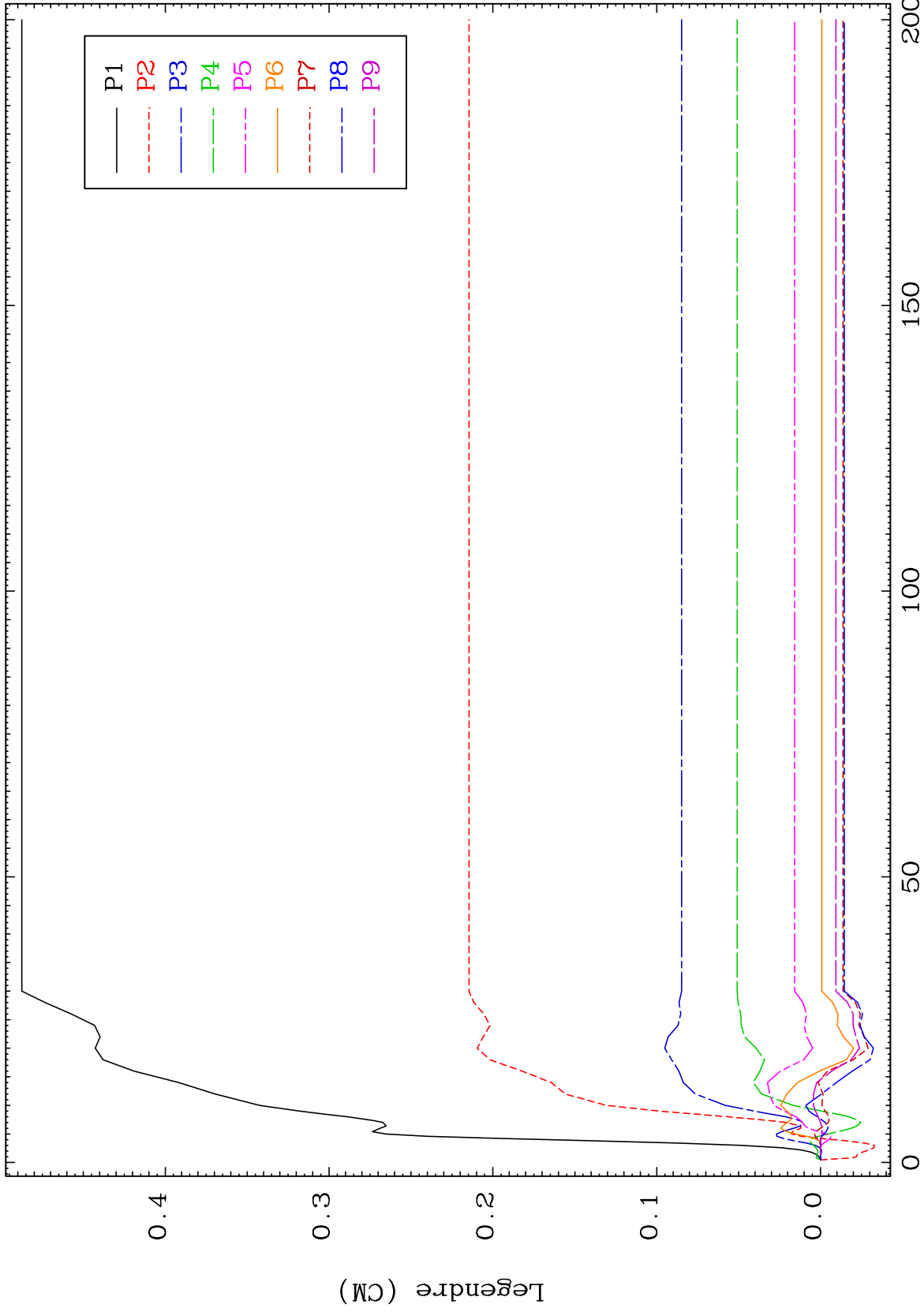


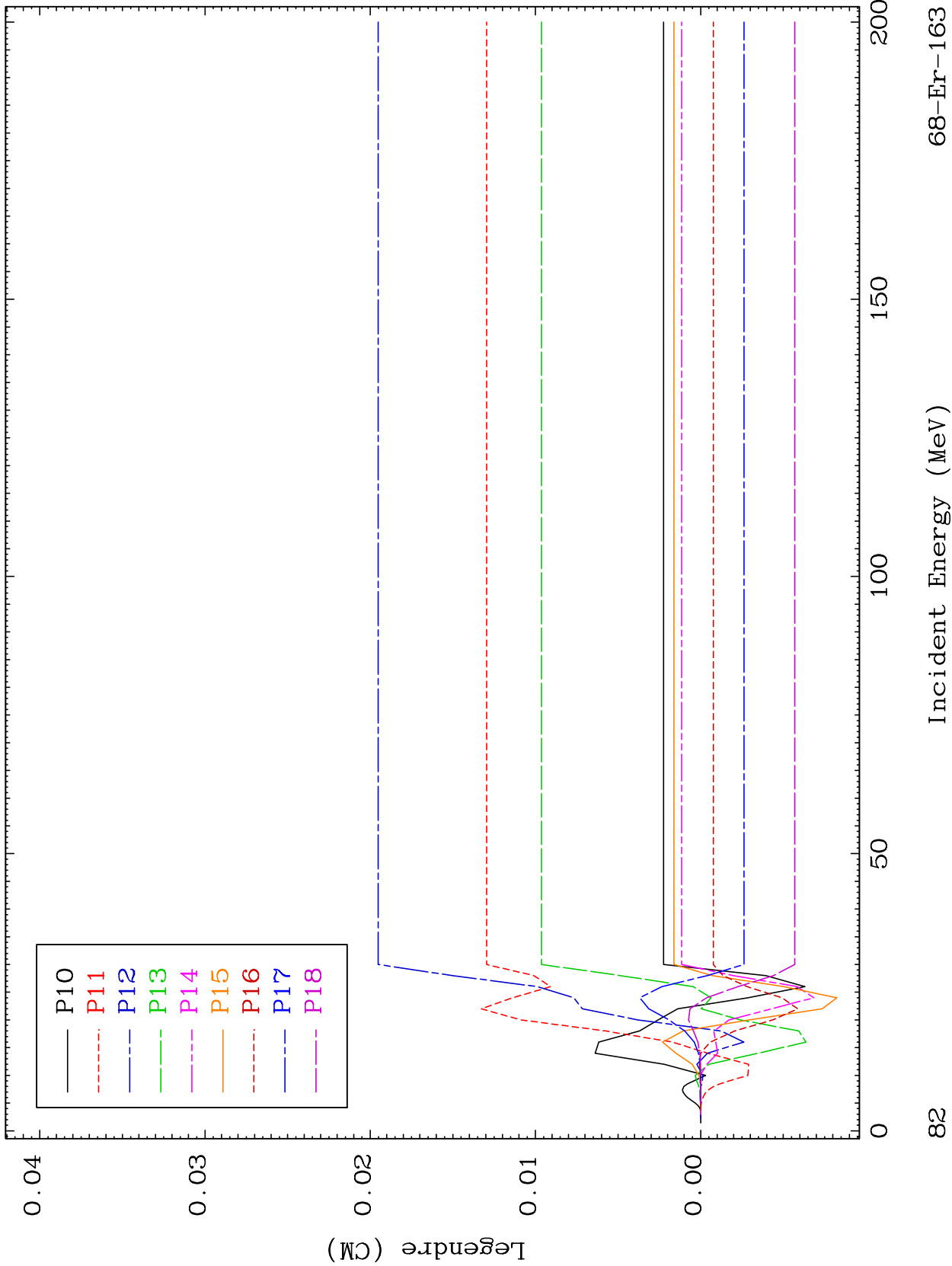
79

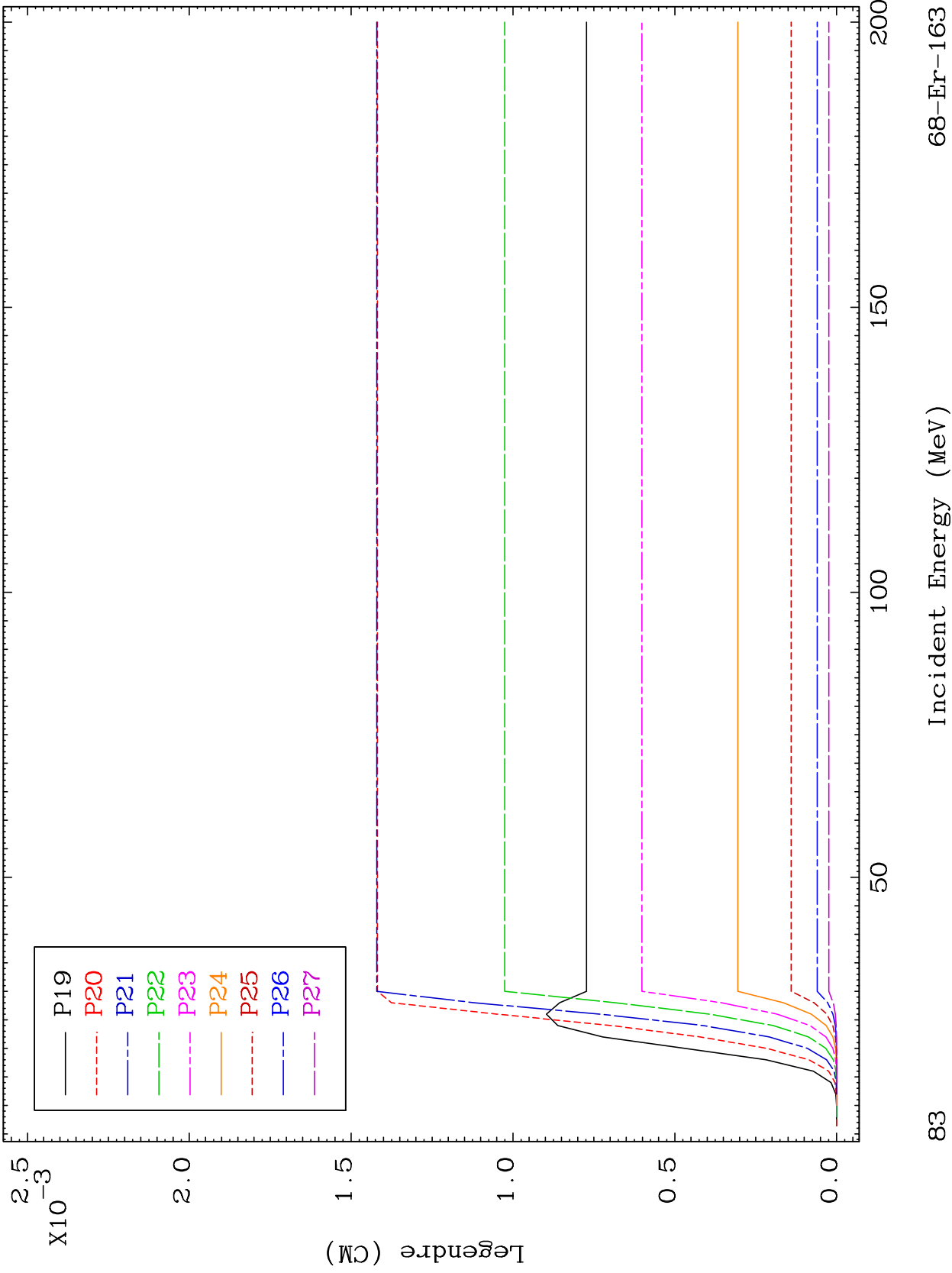
Incident Energy (MeV)

68-Er-163





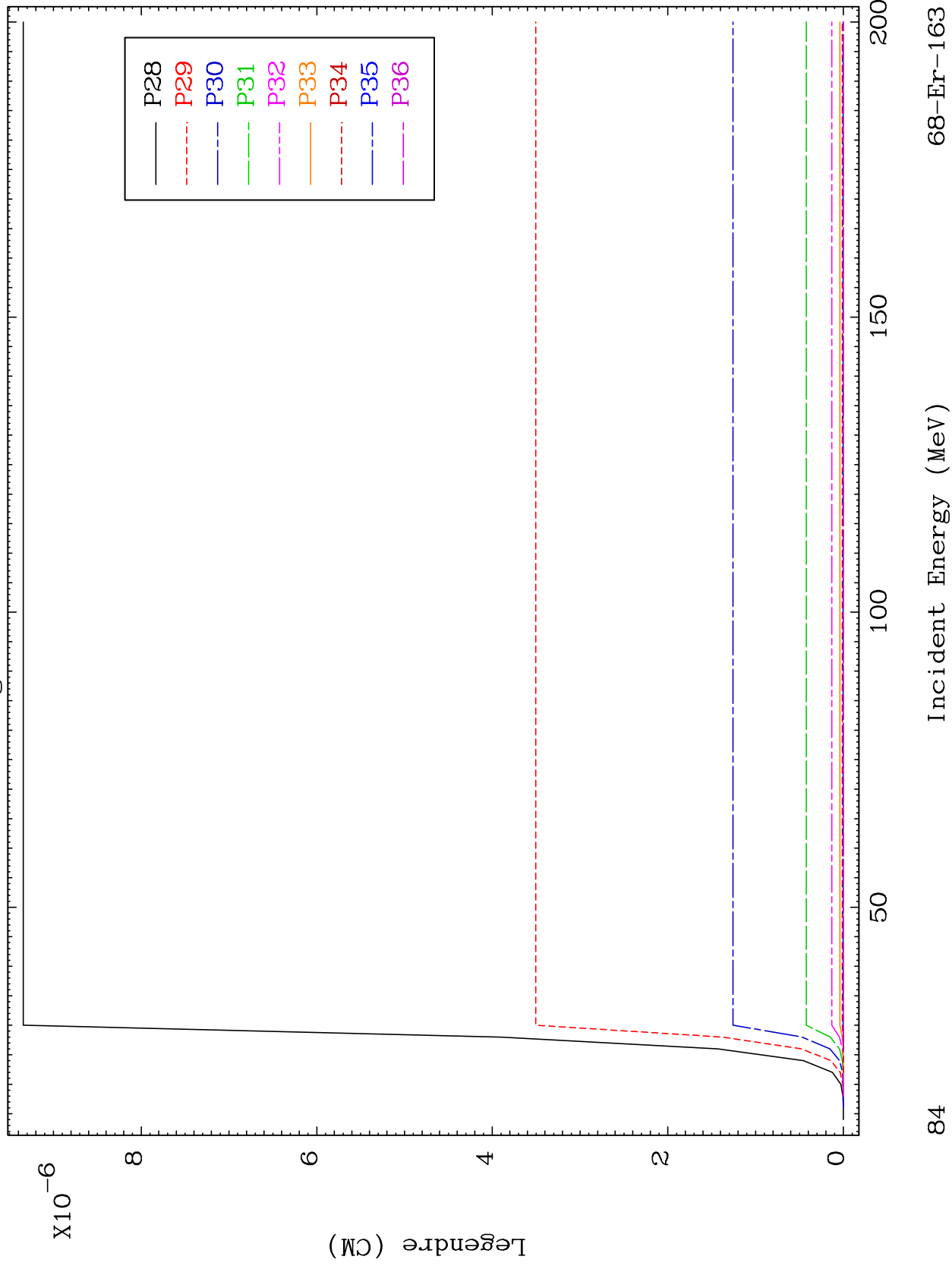




MAT 6828

445.5 keV (n,n') Level
Legendre Coefficients

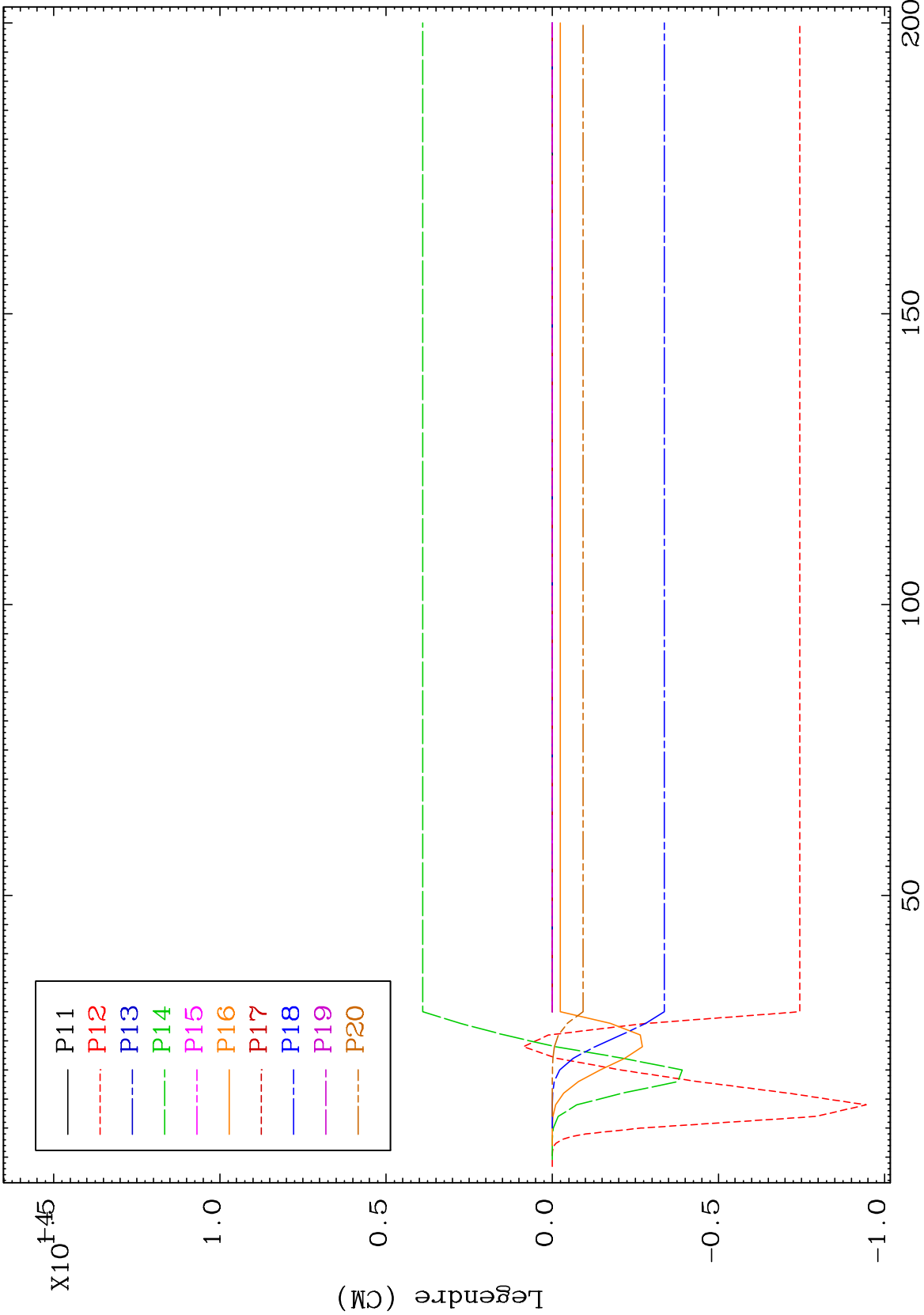
68-Er-163

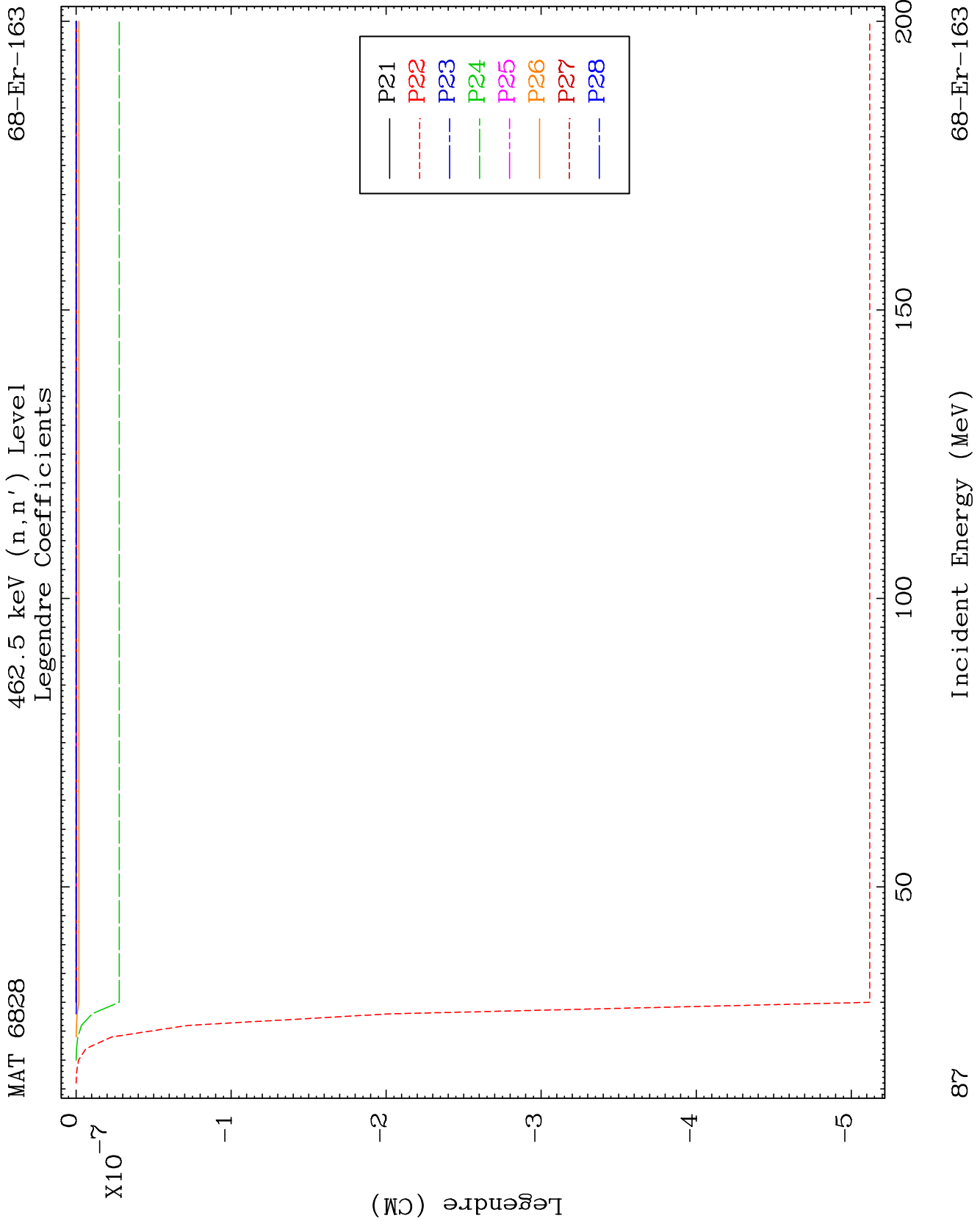


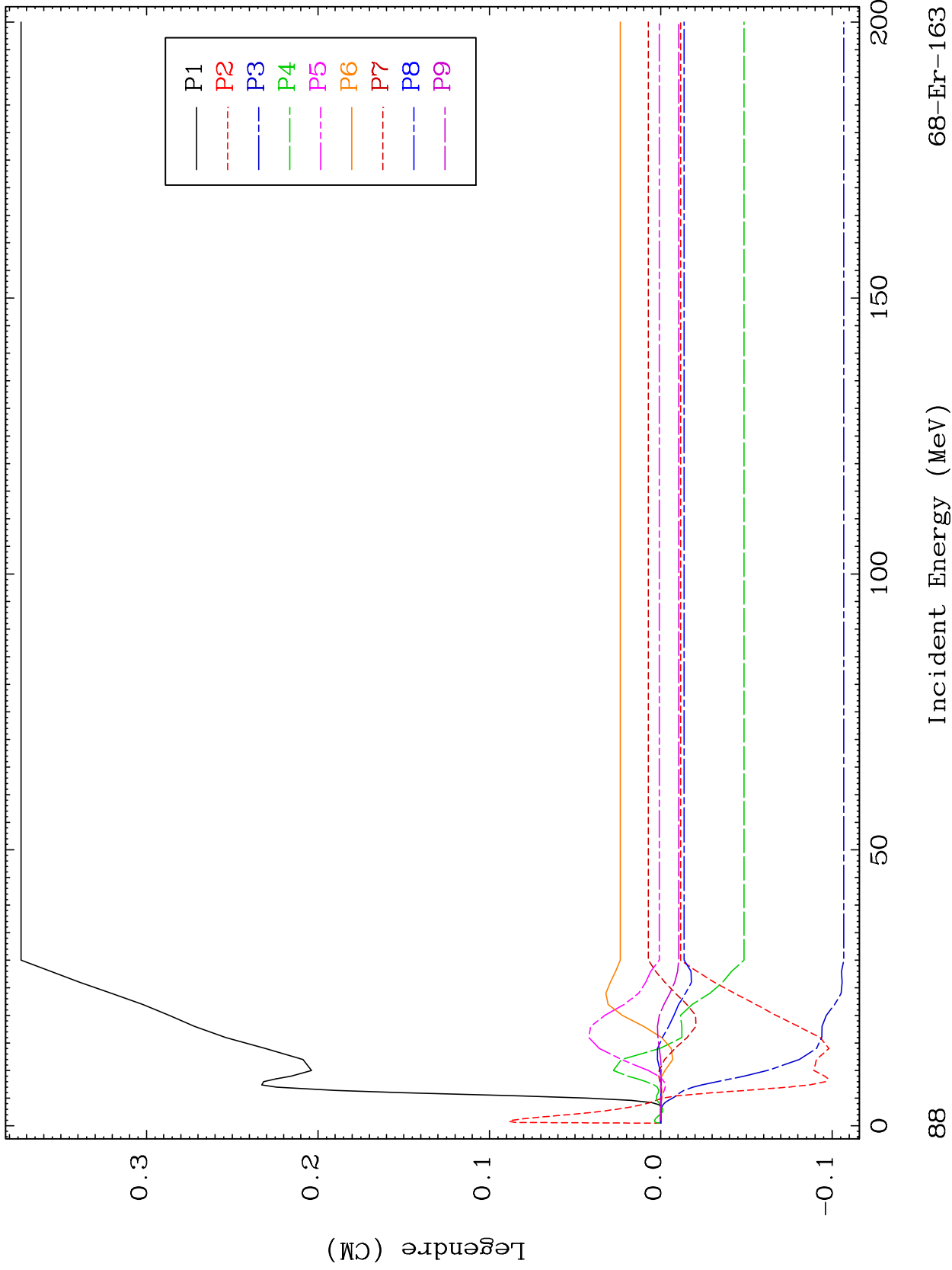
84

Incident Energy (MeV)

68-Er-163



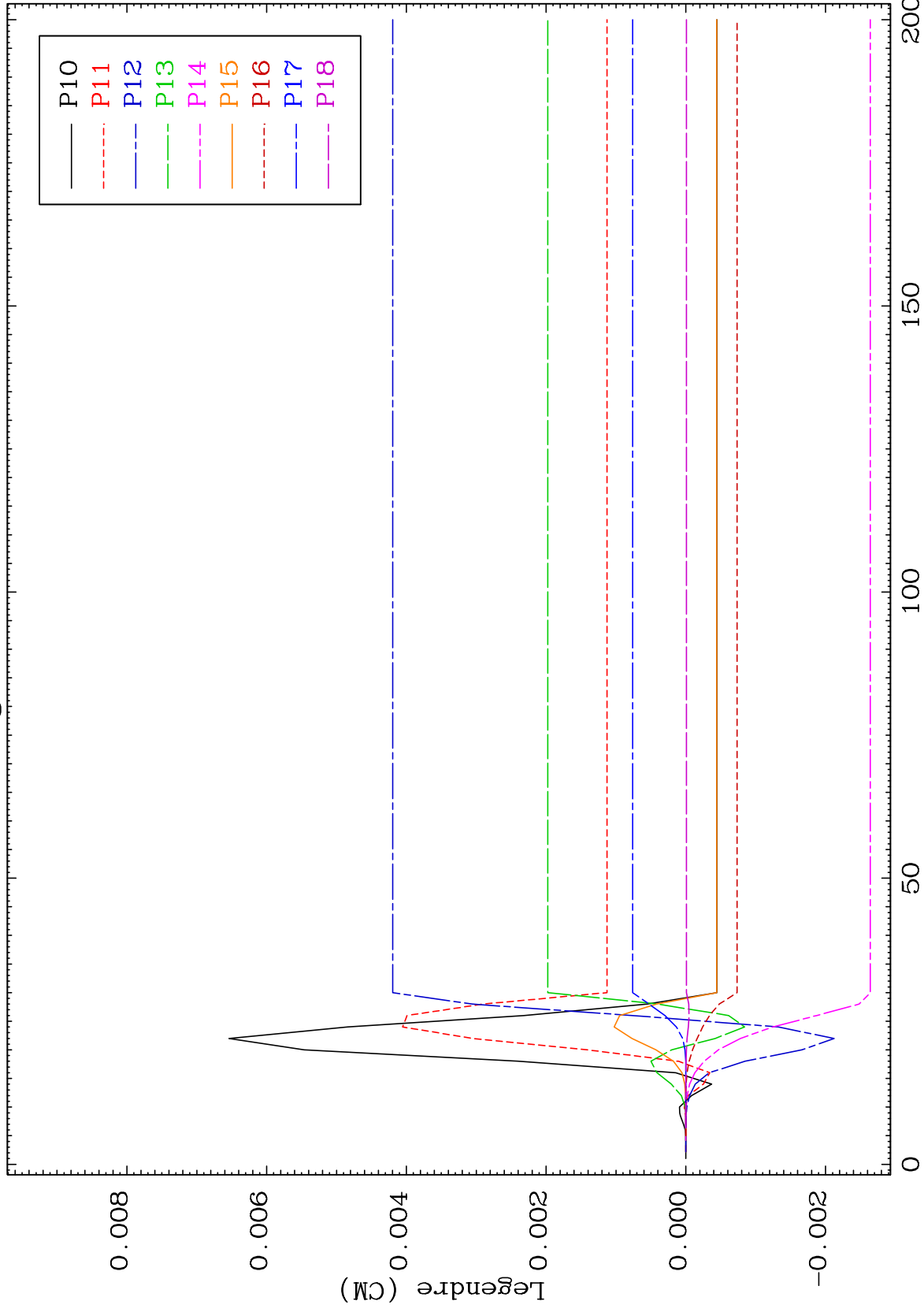




MAT 6828

464.0 keV (n,n') Level
Legendre Coefficients

68-Er-163



89

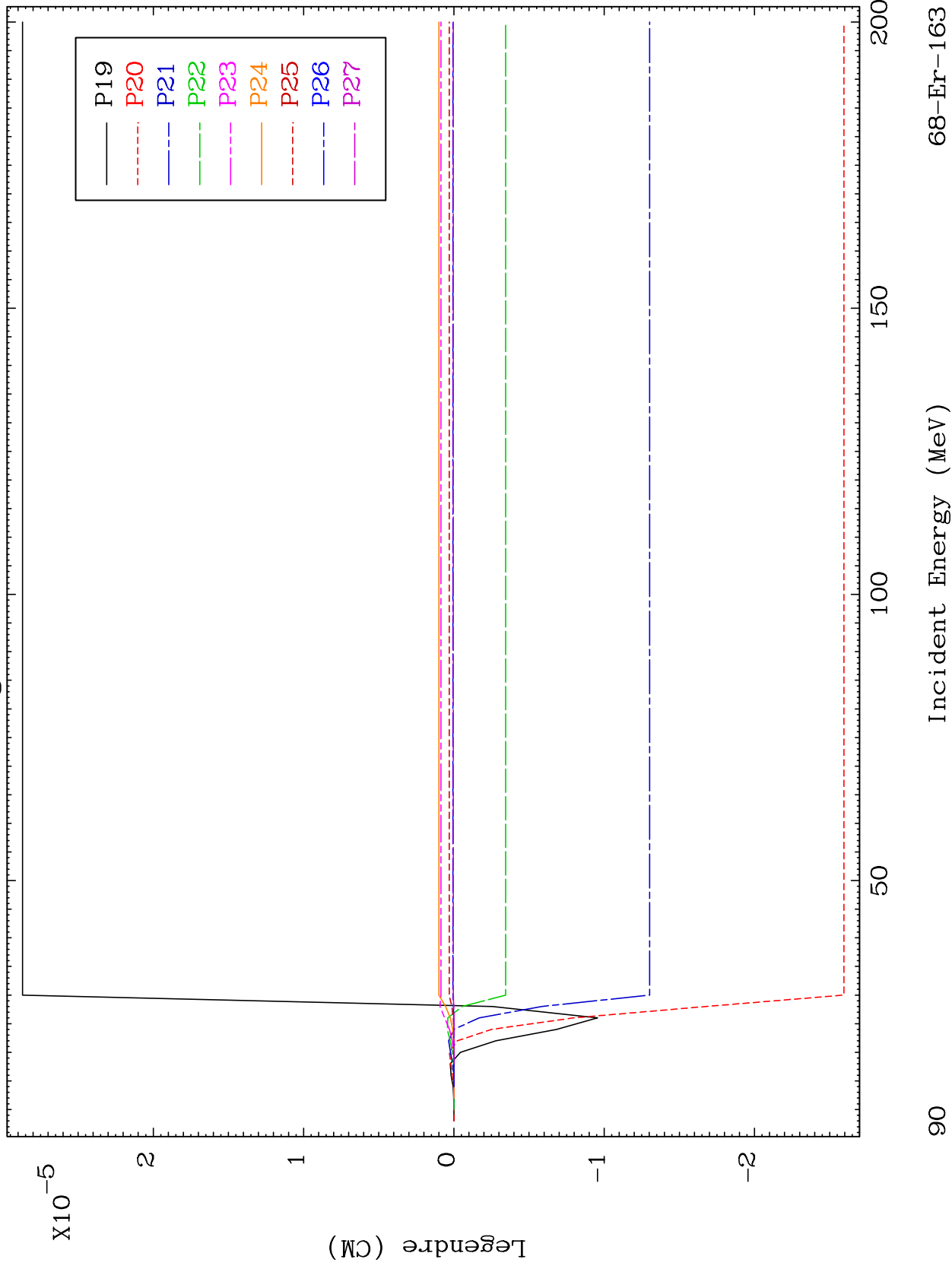
Incident Energy (MeV)

68-Er-163

MAT 6828

464.0 keV (n,n') Level
Legendre Coefficients

68-Er-163



90

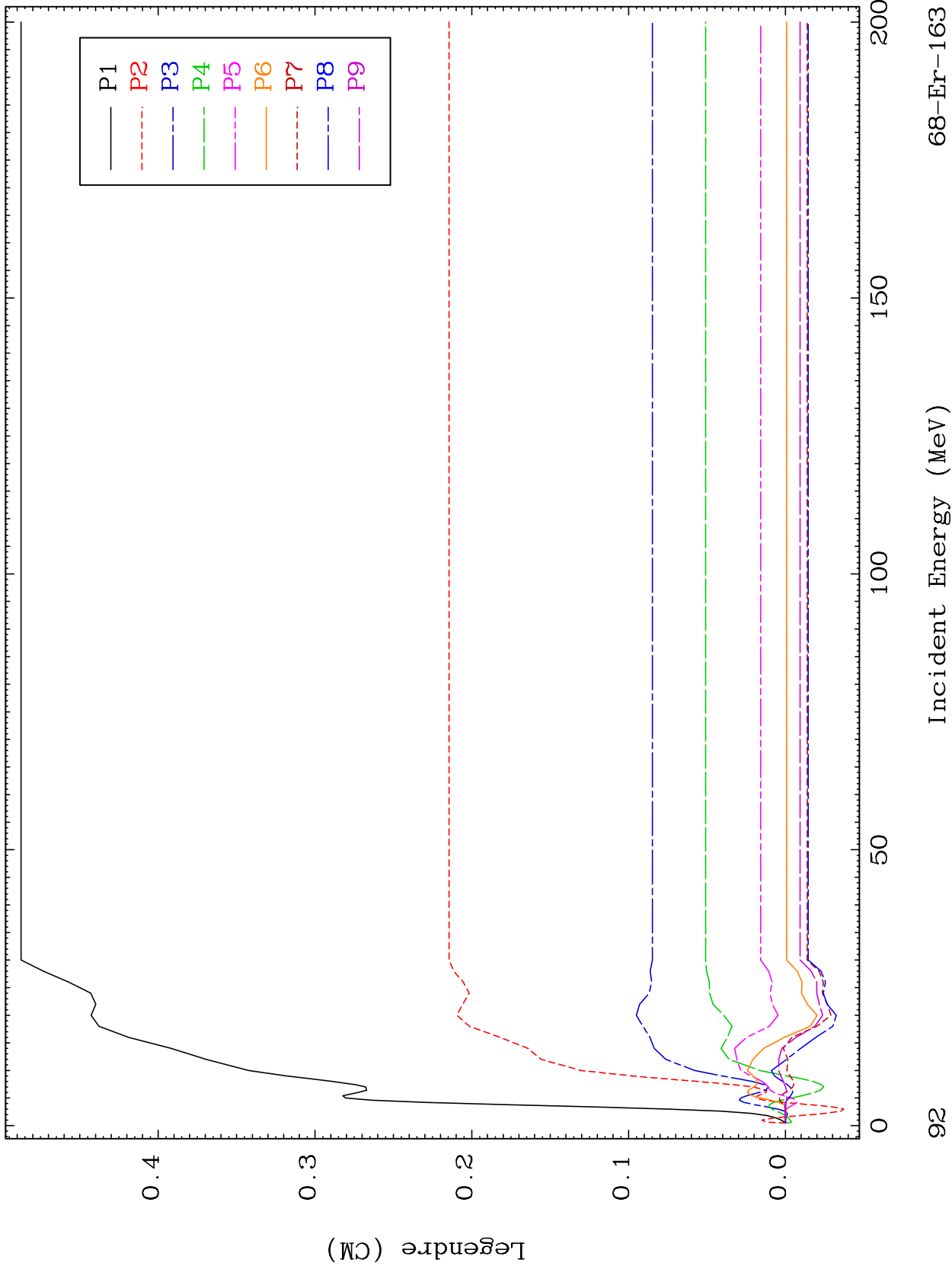
Incident Energy (MeV)

68-Er-163

MAT 6828

466.1 keV (n,n') Level
Legendre Coefficients

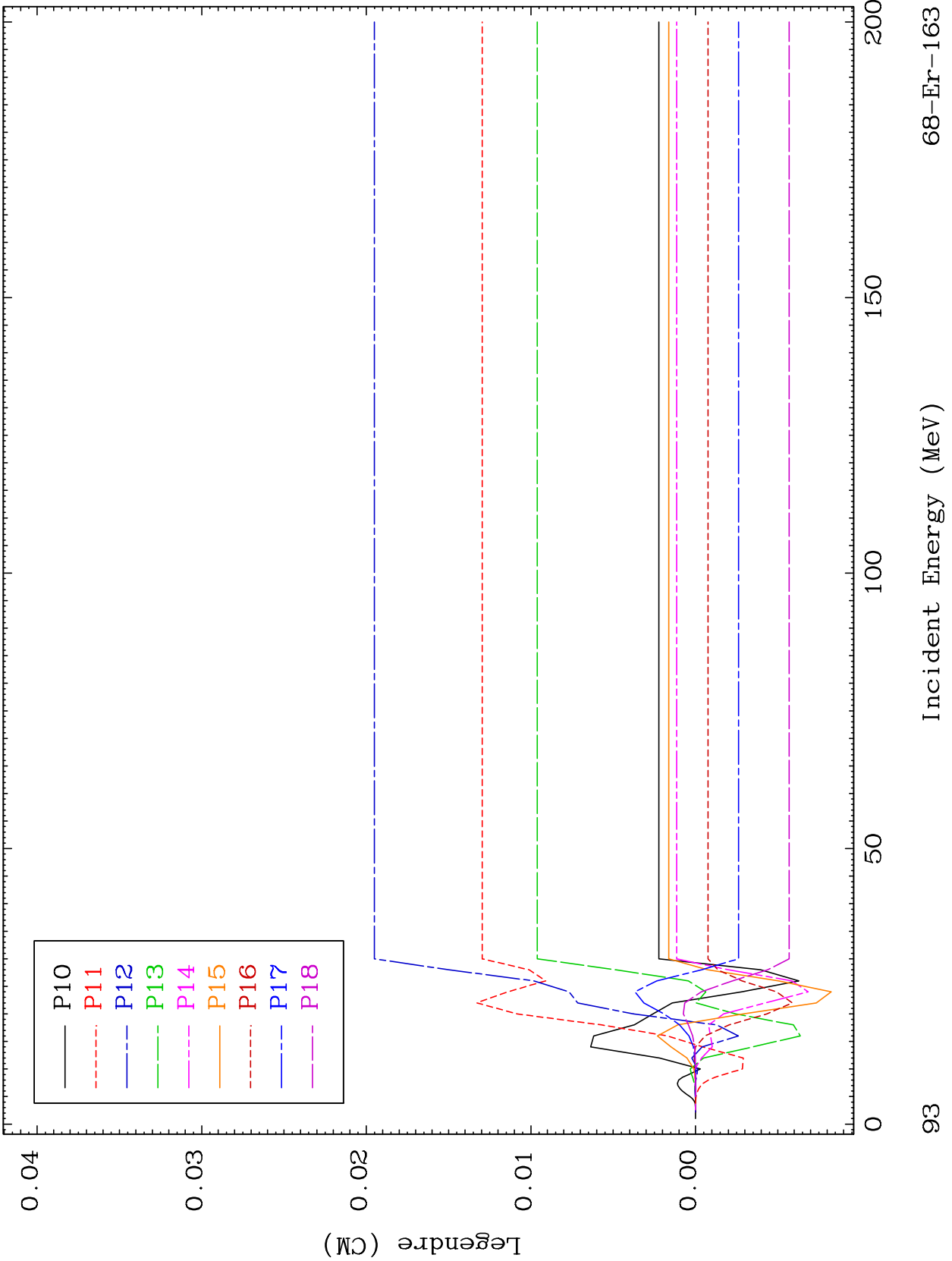
68-Er-163

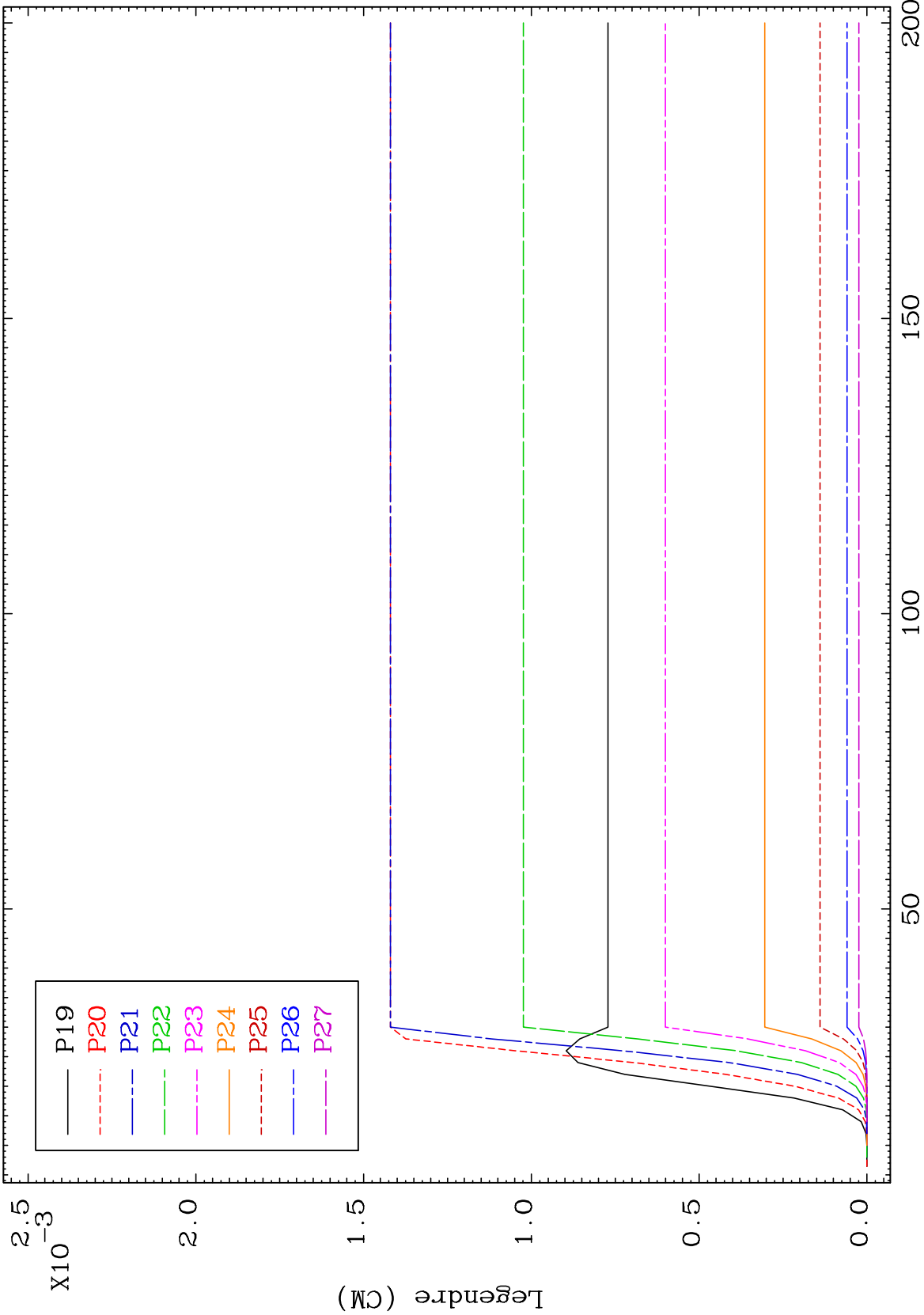


68-Er-163

Incident Energy (MeV)

92

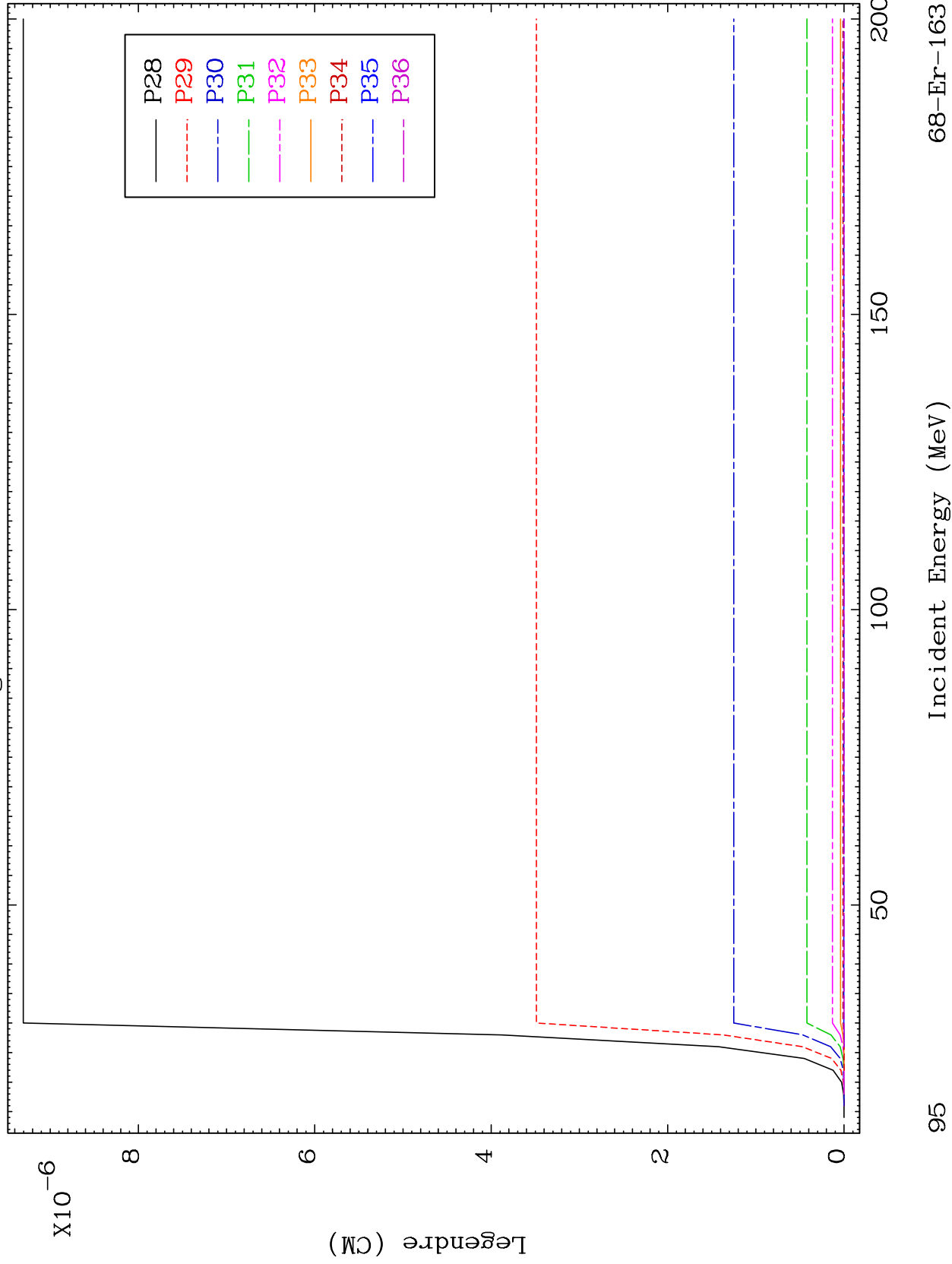




MAT 6828

466.1 keV (n,n') Level
Legendre Coefficients

68-Er-163



95

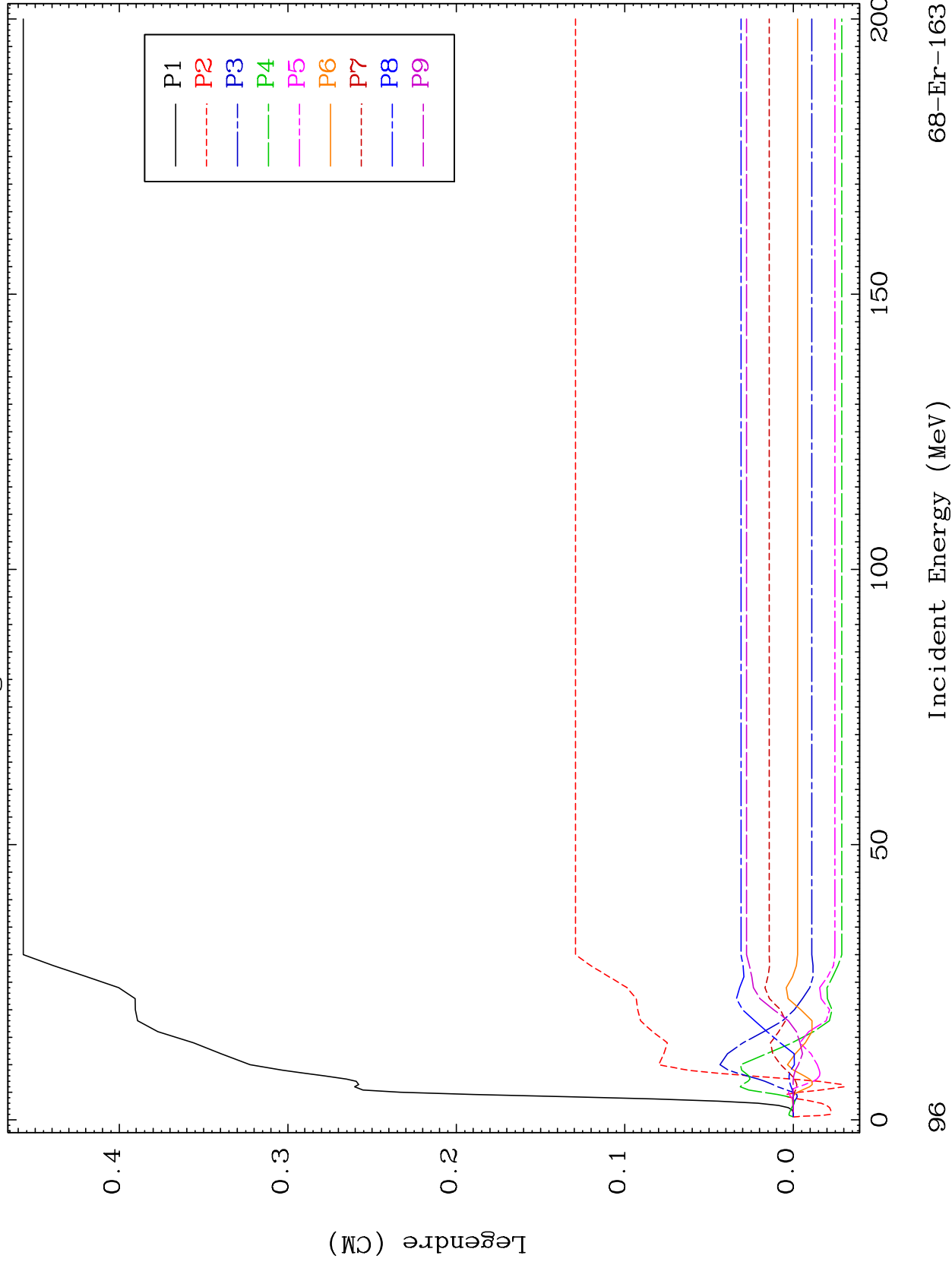
Incident Energy (MeV)

68-Er-163

MAT 6828

496.2 keV (n,n') Level
Legendre Coefficients

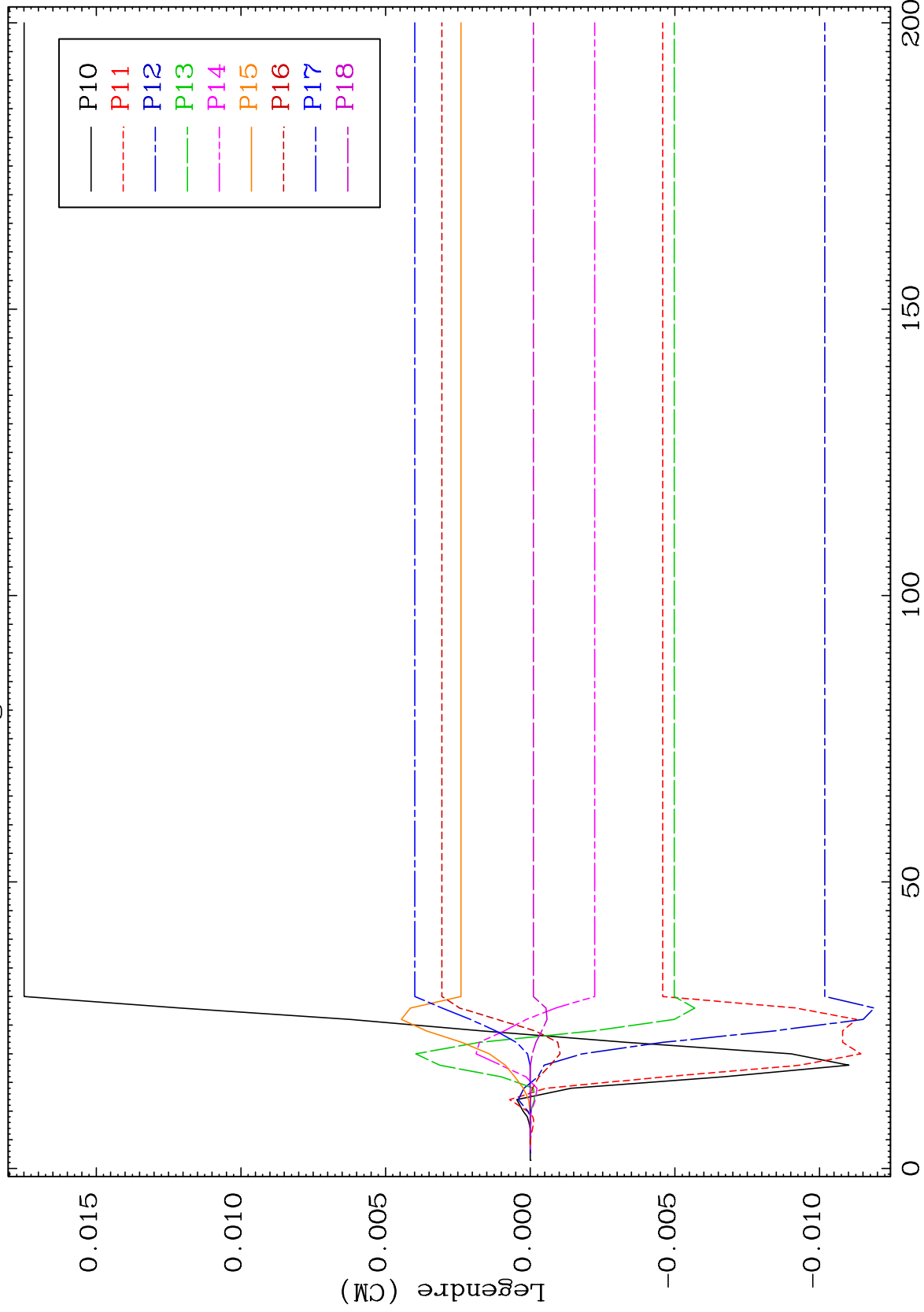
68-Er-163

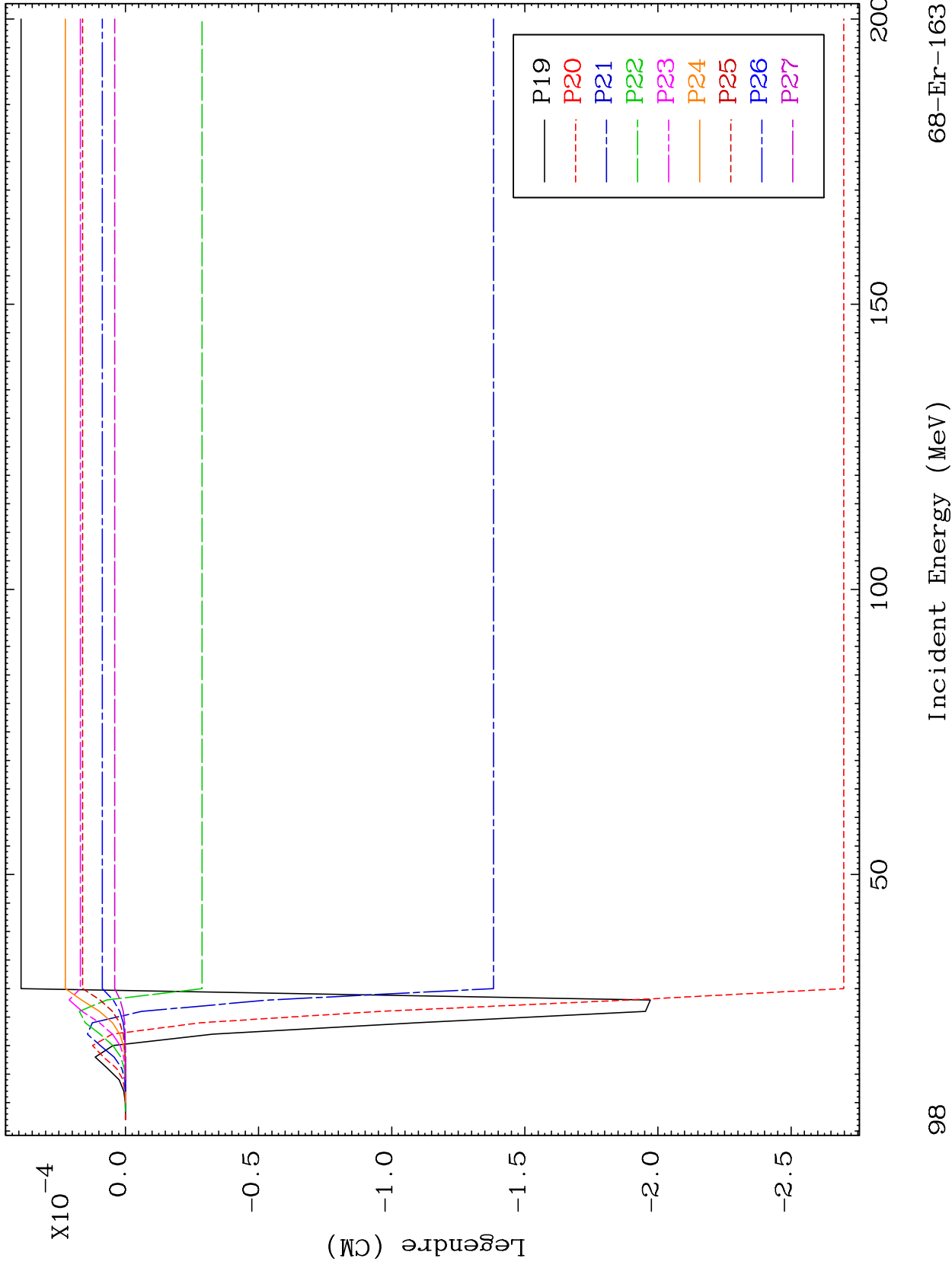


68-Er-163

Incident Energy (MeV)

96

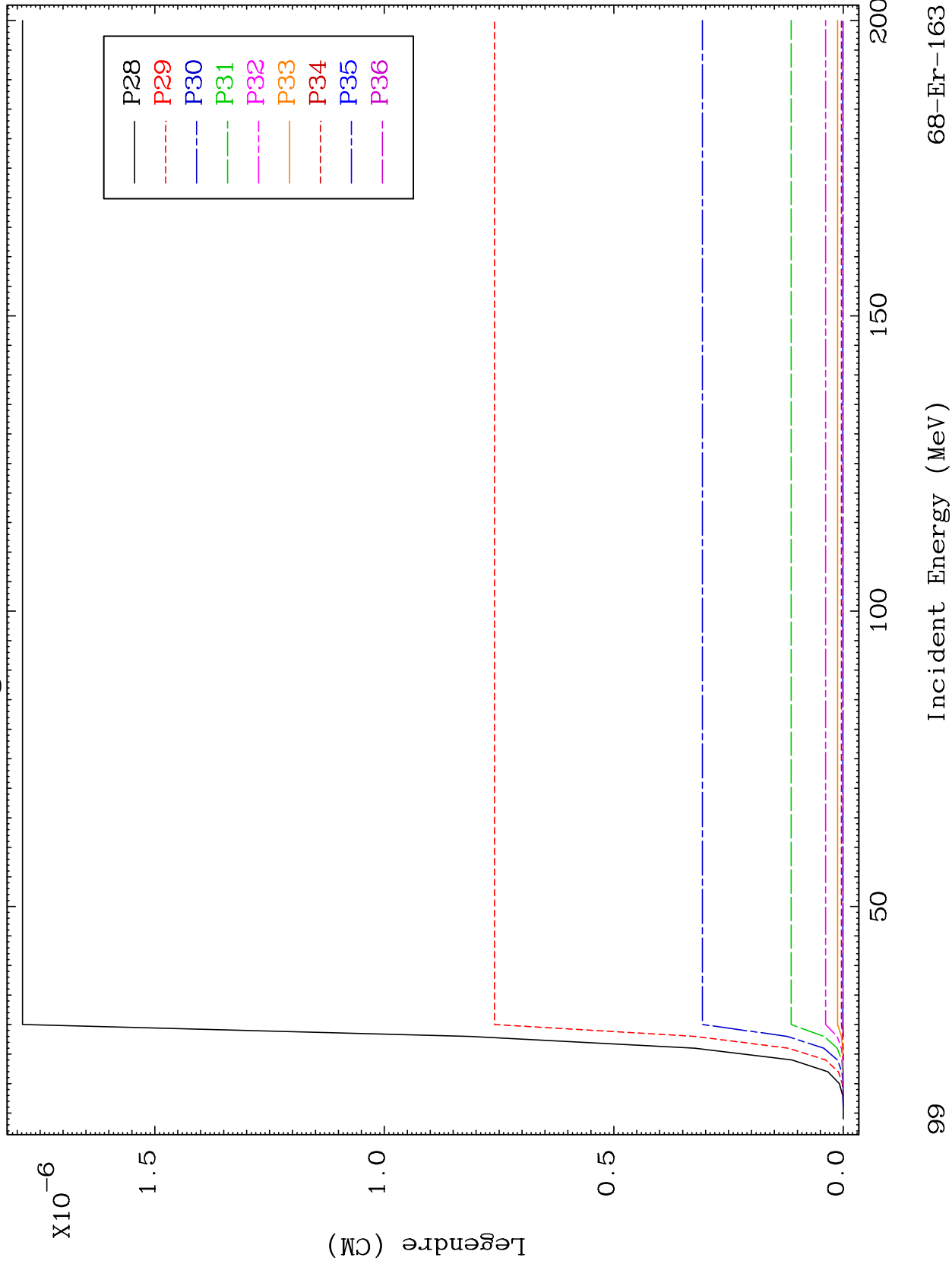




MAT 6828

496.2 keV (n,n') Level
Legendre Coefficients

68-Er-163

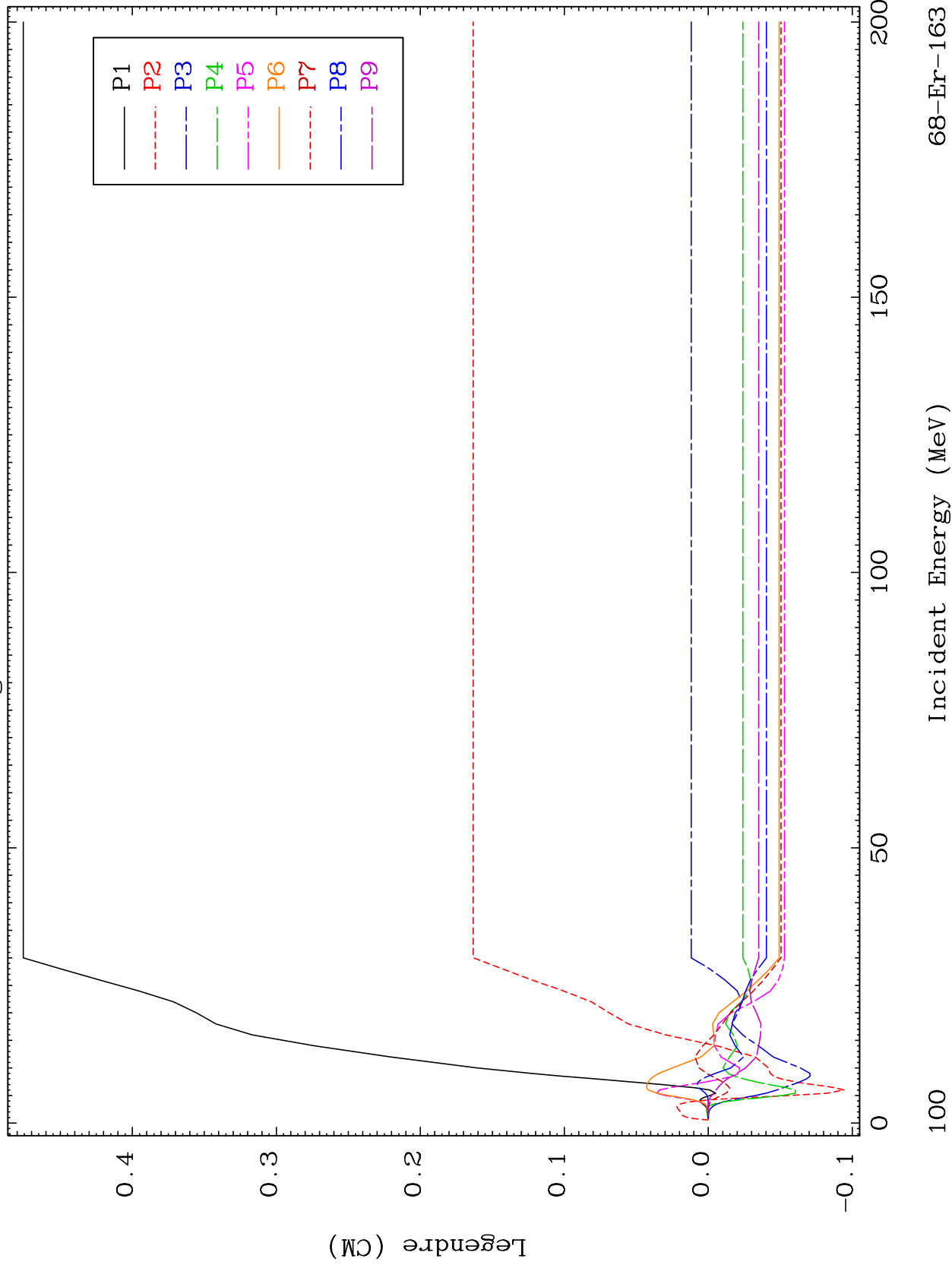


99

MAT 6828

526.3 keV (n,n') Level
Legendre Coefficients

68-Er-163

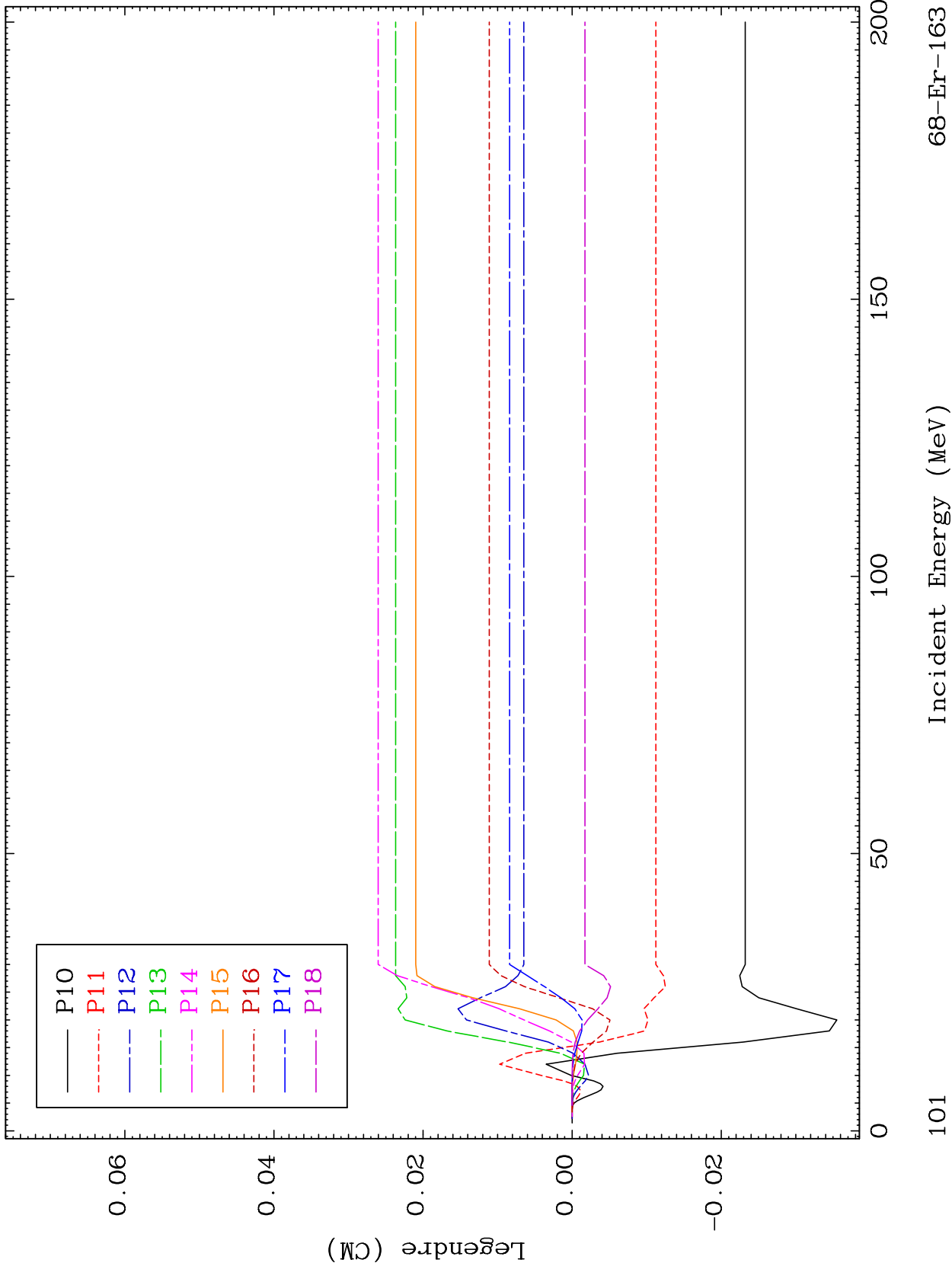


68-Er-163

MAT 6828

526.3 keV (n,n') Level
Legendre Coefficients

68-Er-163



68-Er-163

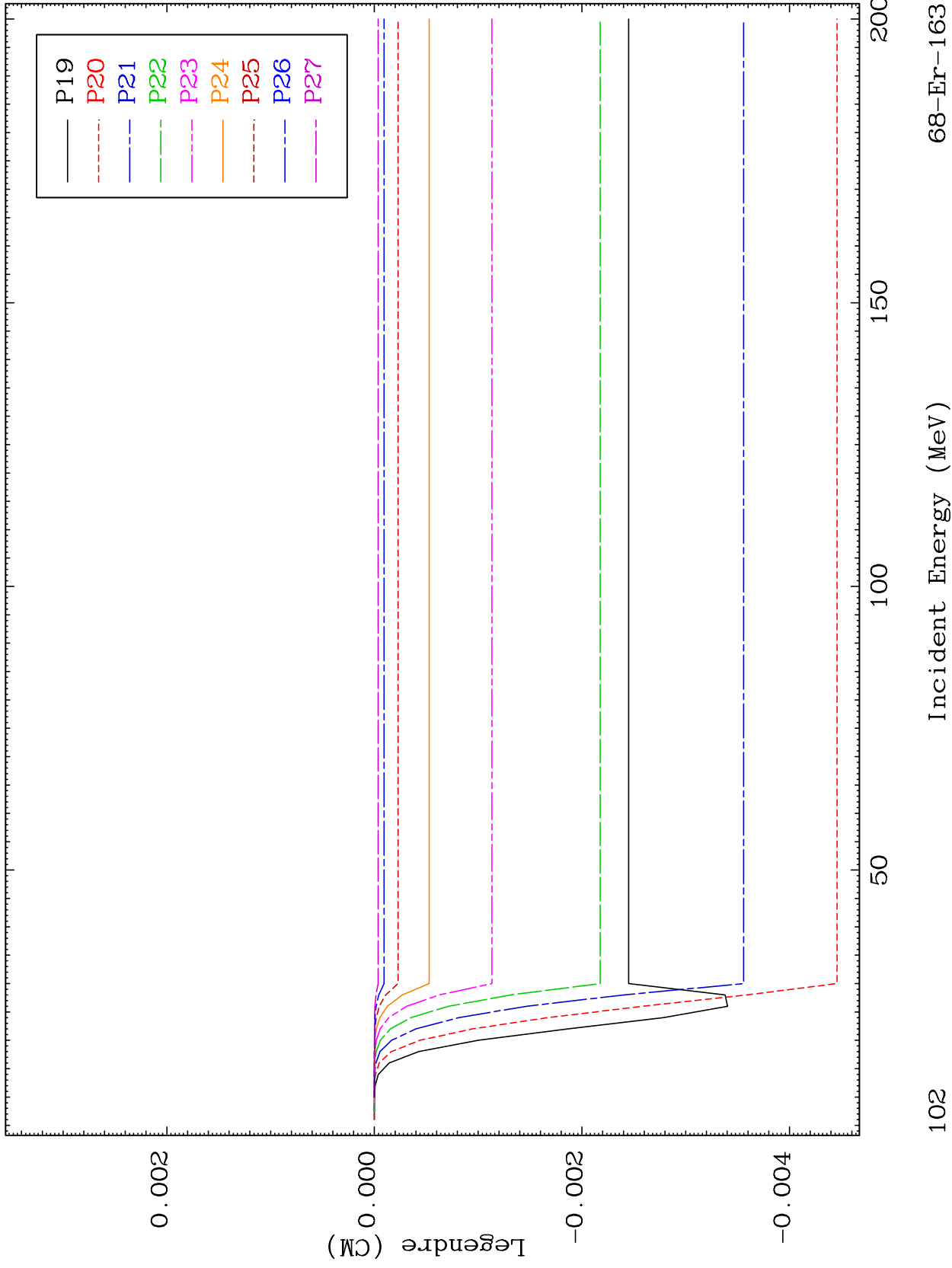
Incident Energy (MeV)

101

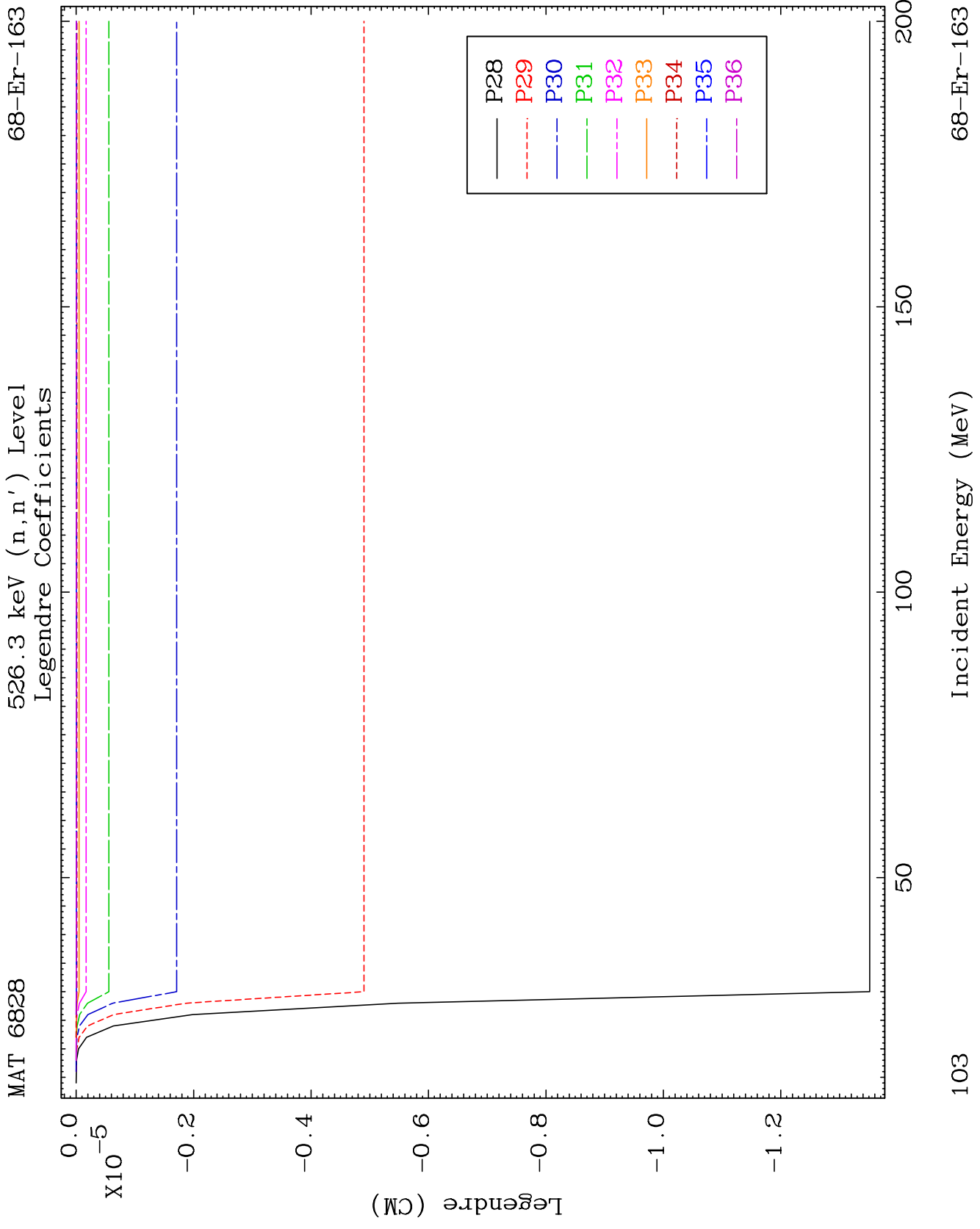
MAT 6828

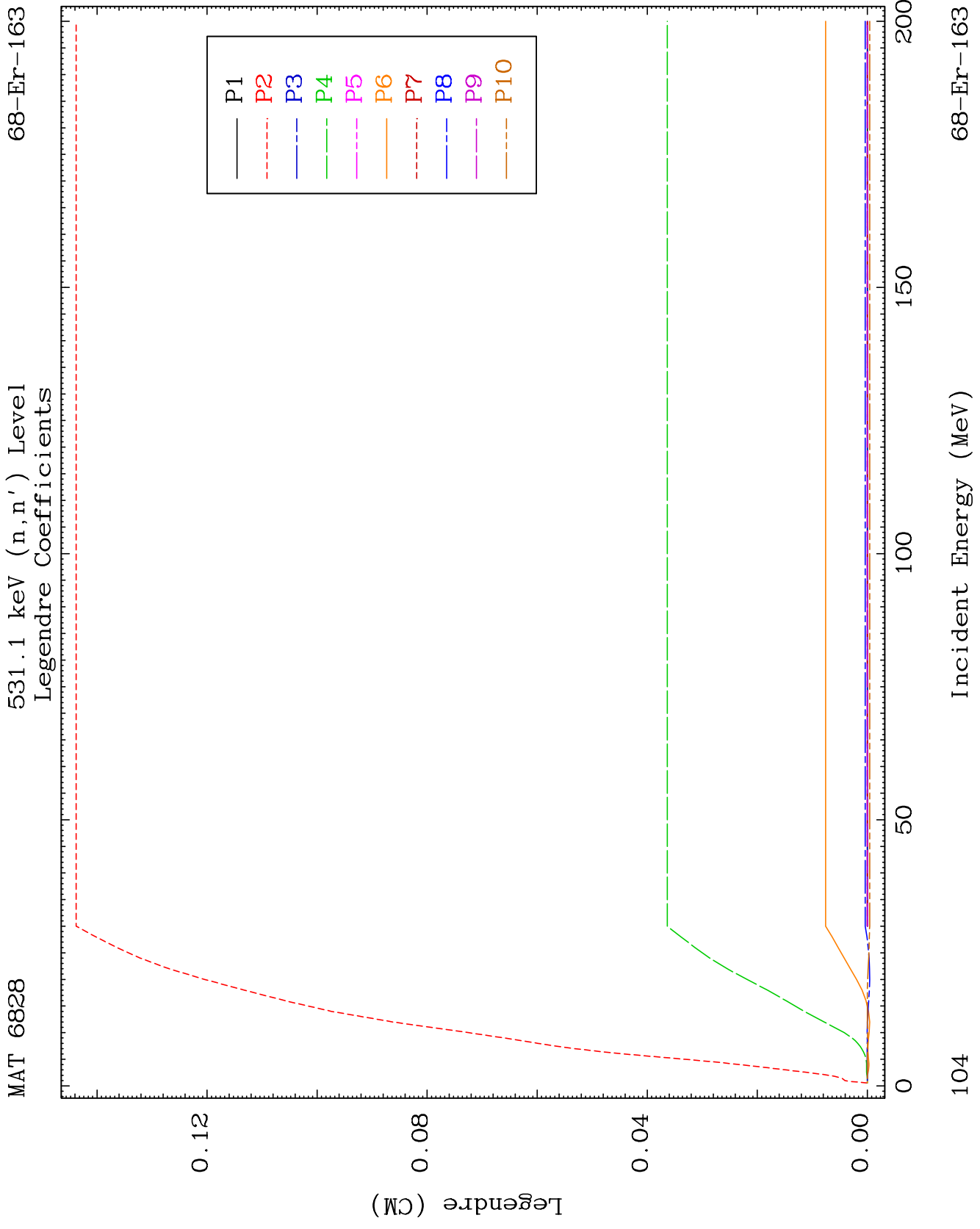
526.3 keV (n,n') Level
Legendre Coefficients

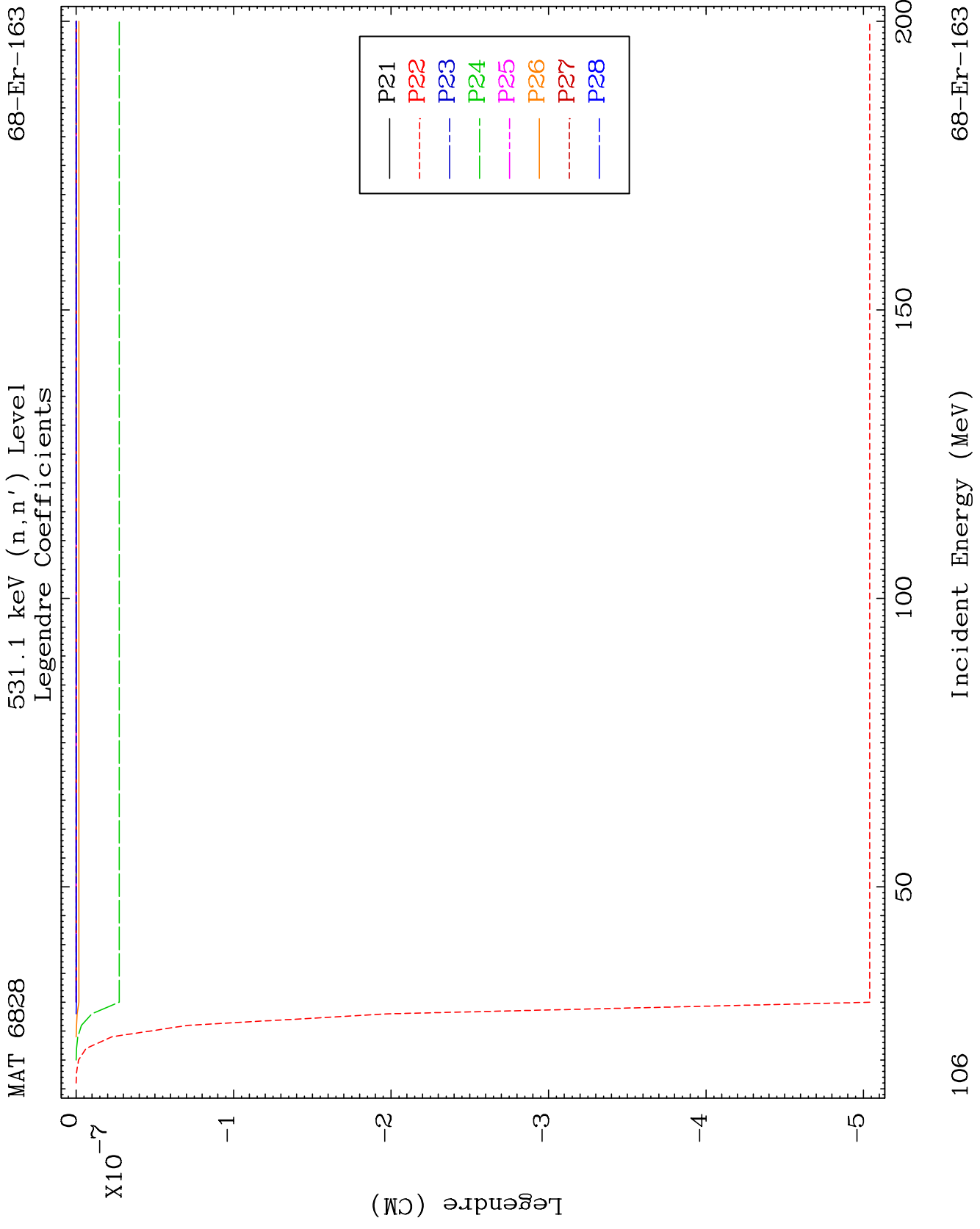
68-Er-163



102



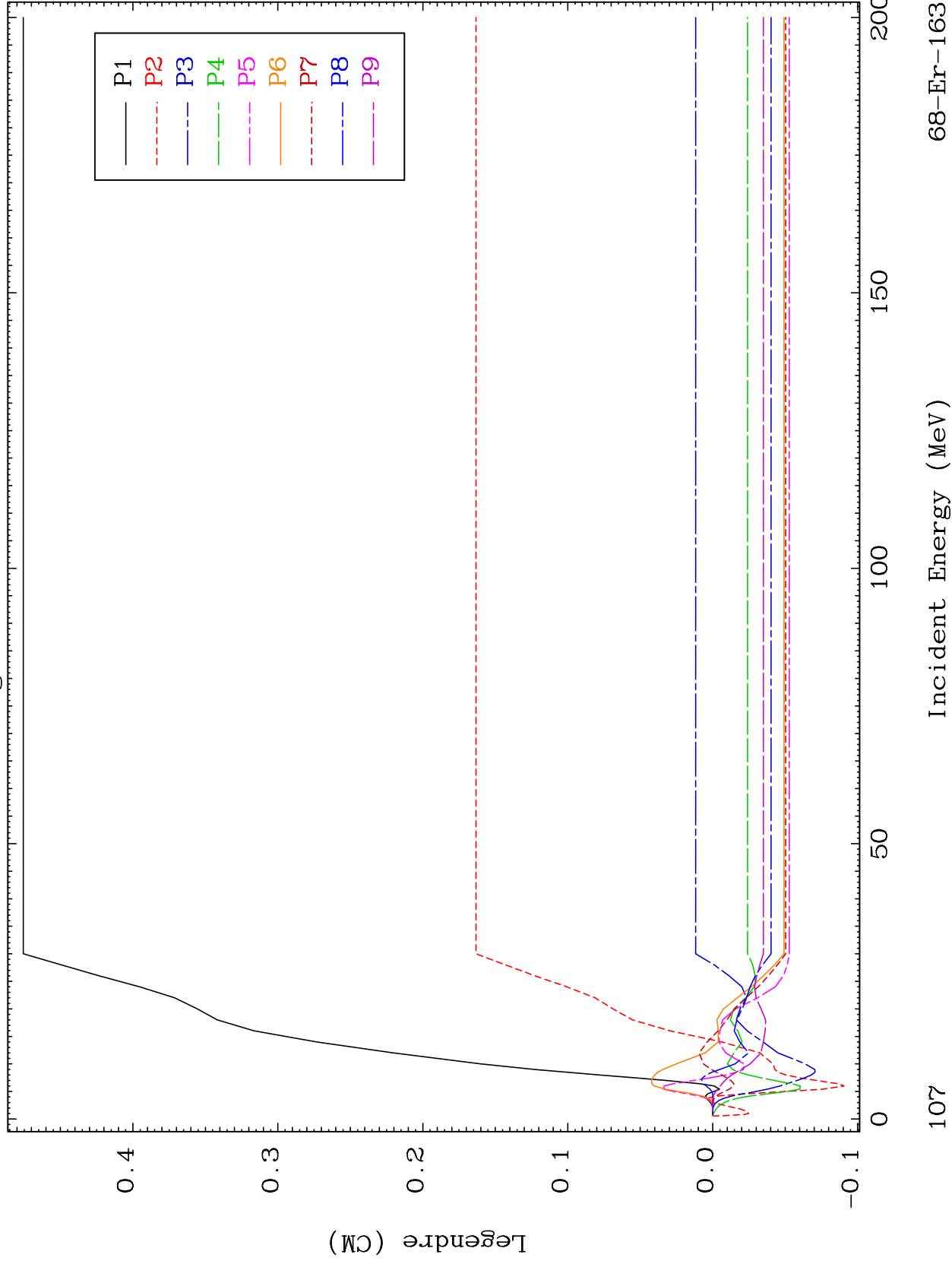




MAT 6828

540.6 keV (n,n') Level
Legendre Coefficients

68-Er-163



68-Er-163

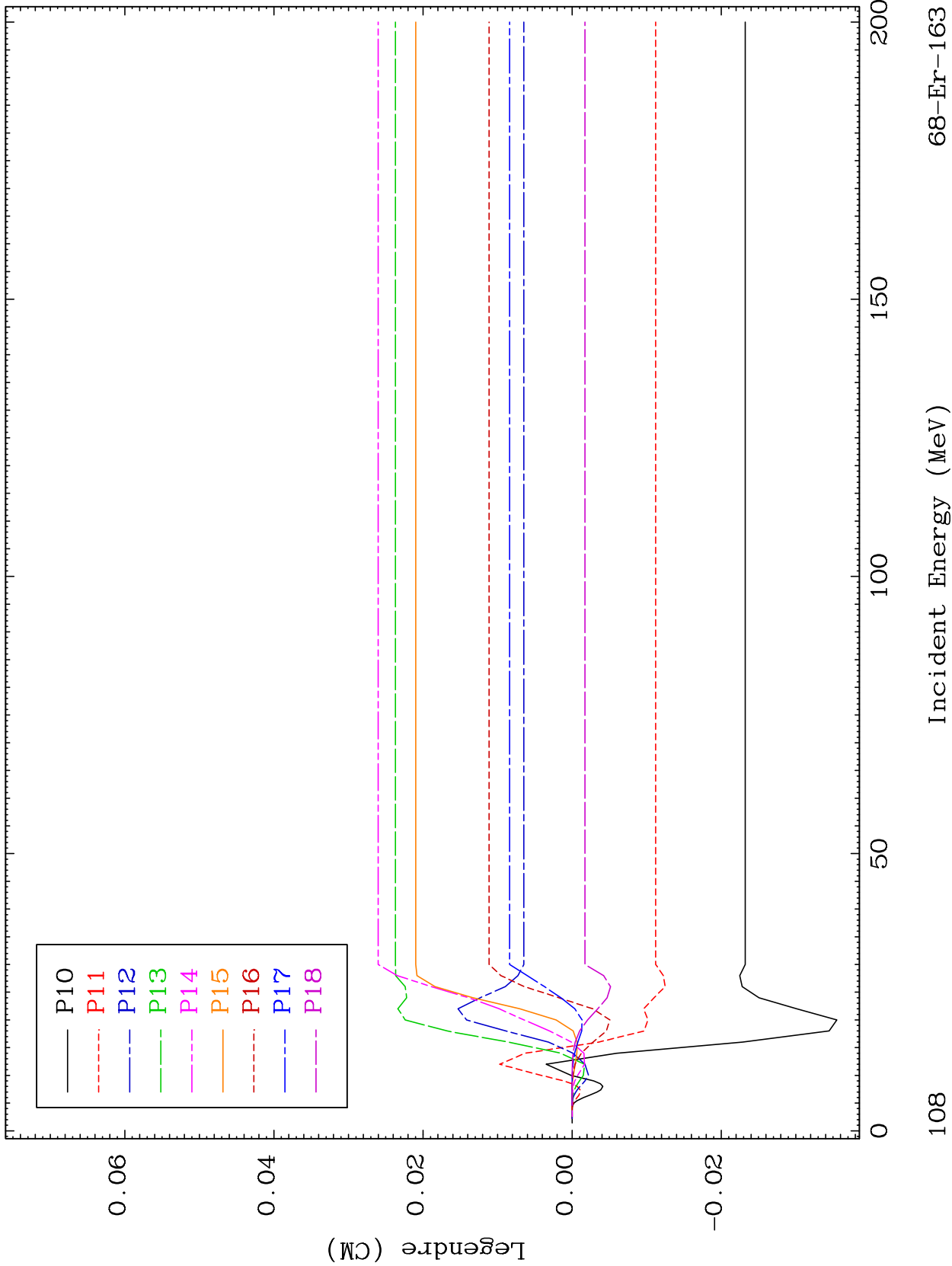
Incident Energy (MeV)

107

MAT 6828

540.6 keV (n,n') Level
Legendre Coefficients

68-Er-163



68-Er-163

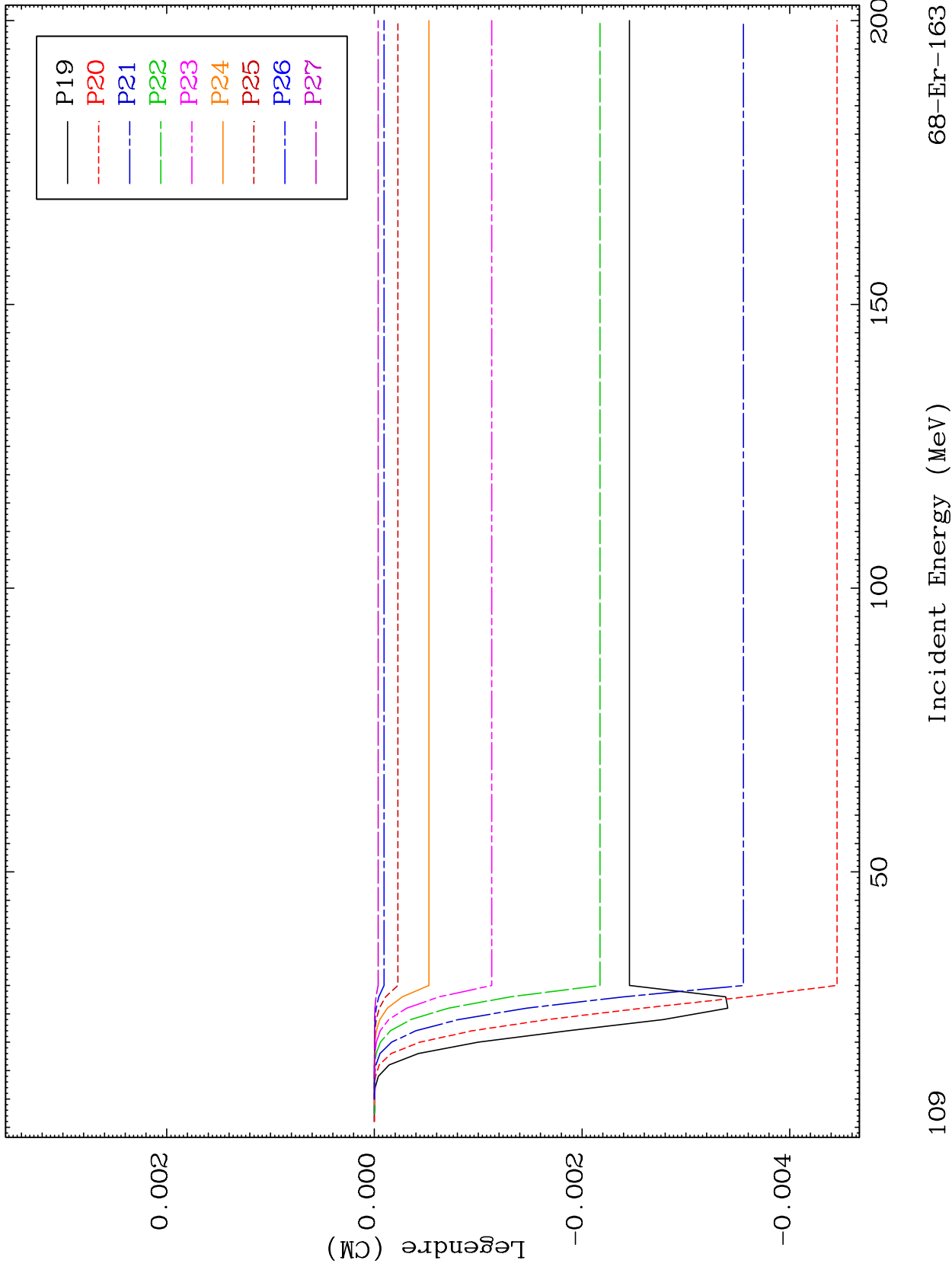
Incident Energy (MeV)

108

MAT 6828

540.6 keV (n,n') Level
Legendre Coefficients

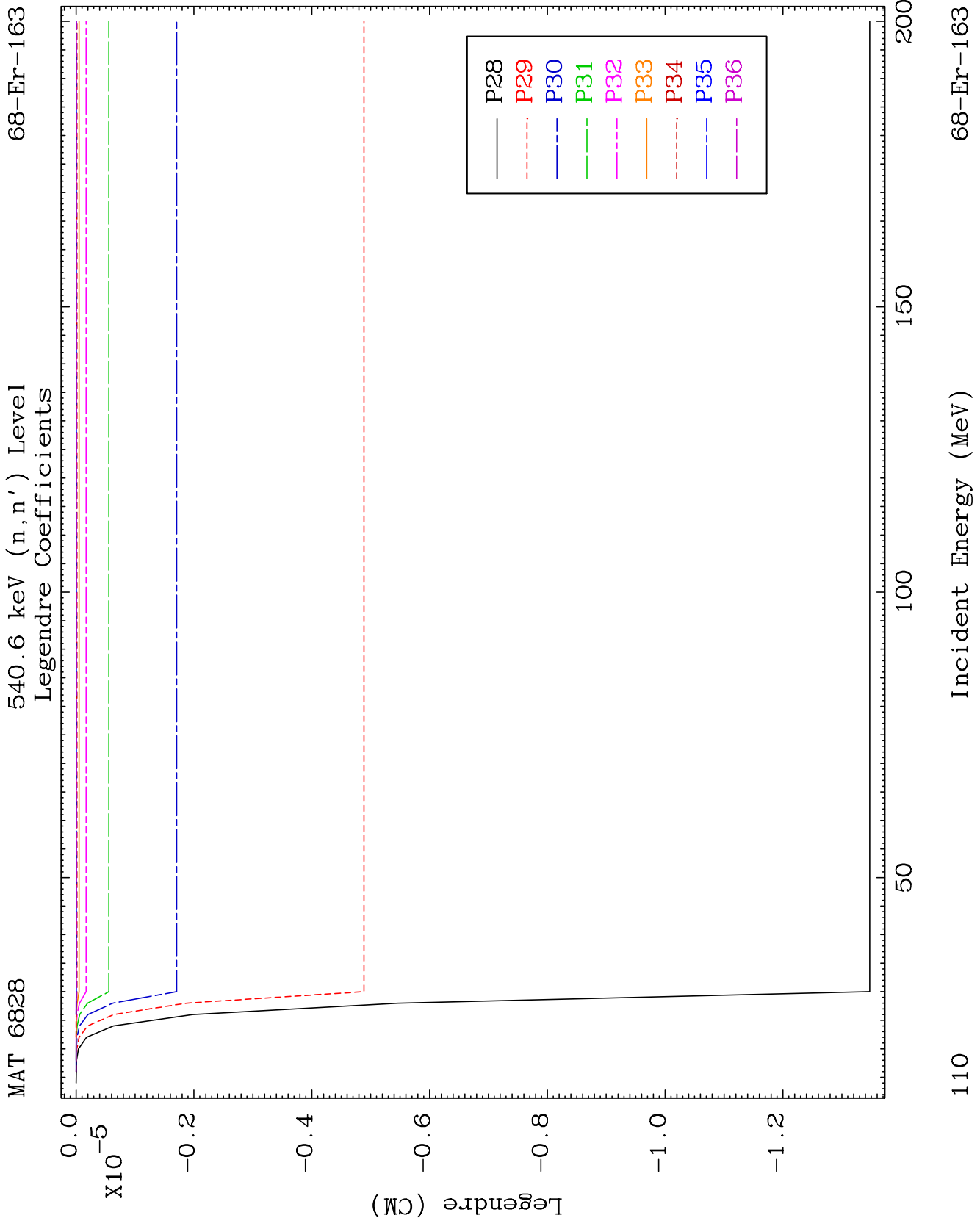
68-Er-163



109

Incident Energy (MeV)

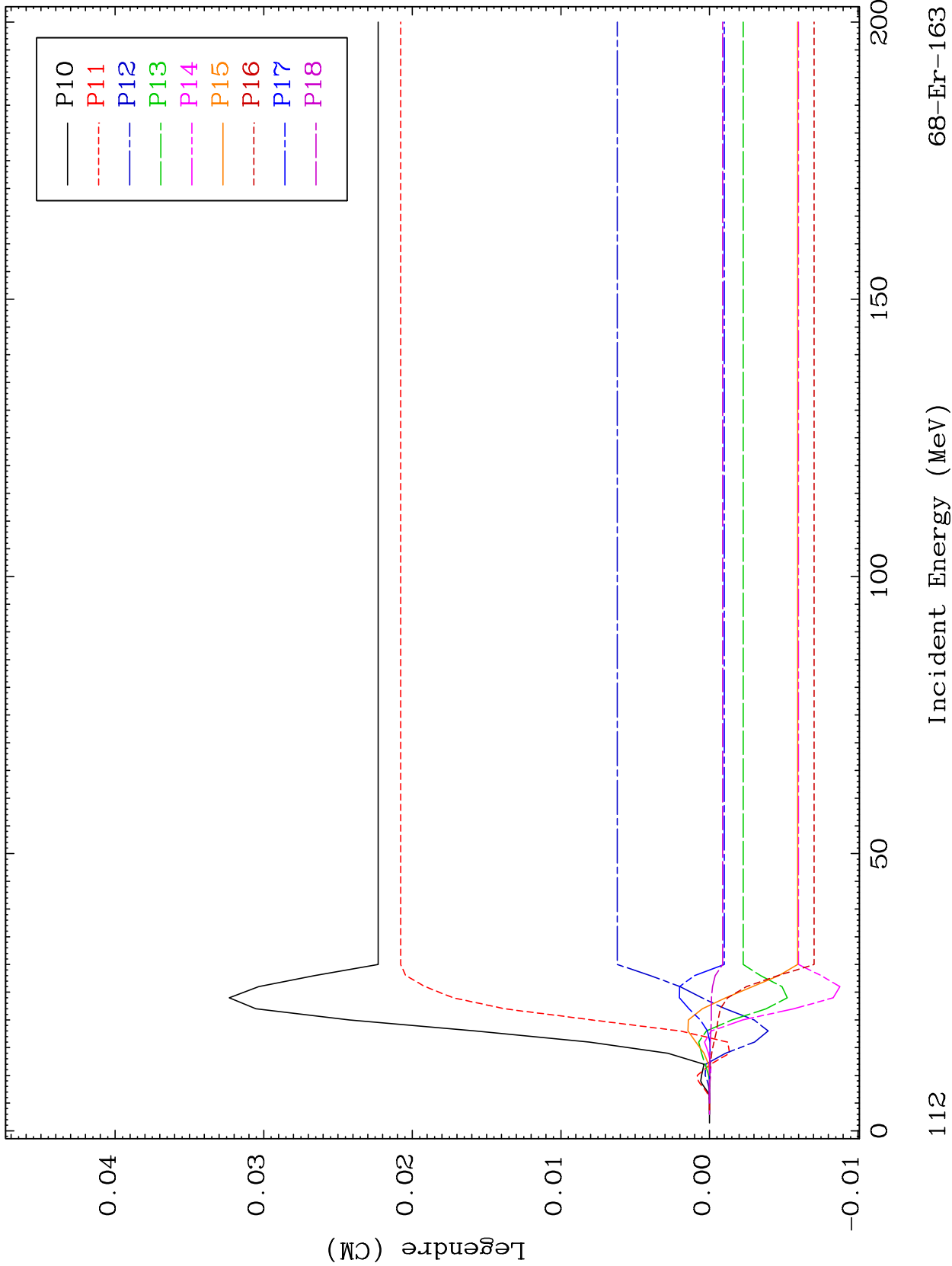
68-Er-163



MAT 6828

553.0 keV (n,n') Level
Legendre Coefficients

68-Er-163



68-Er-163

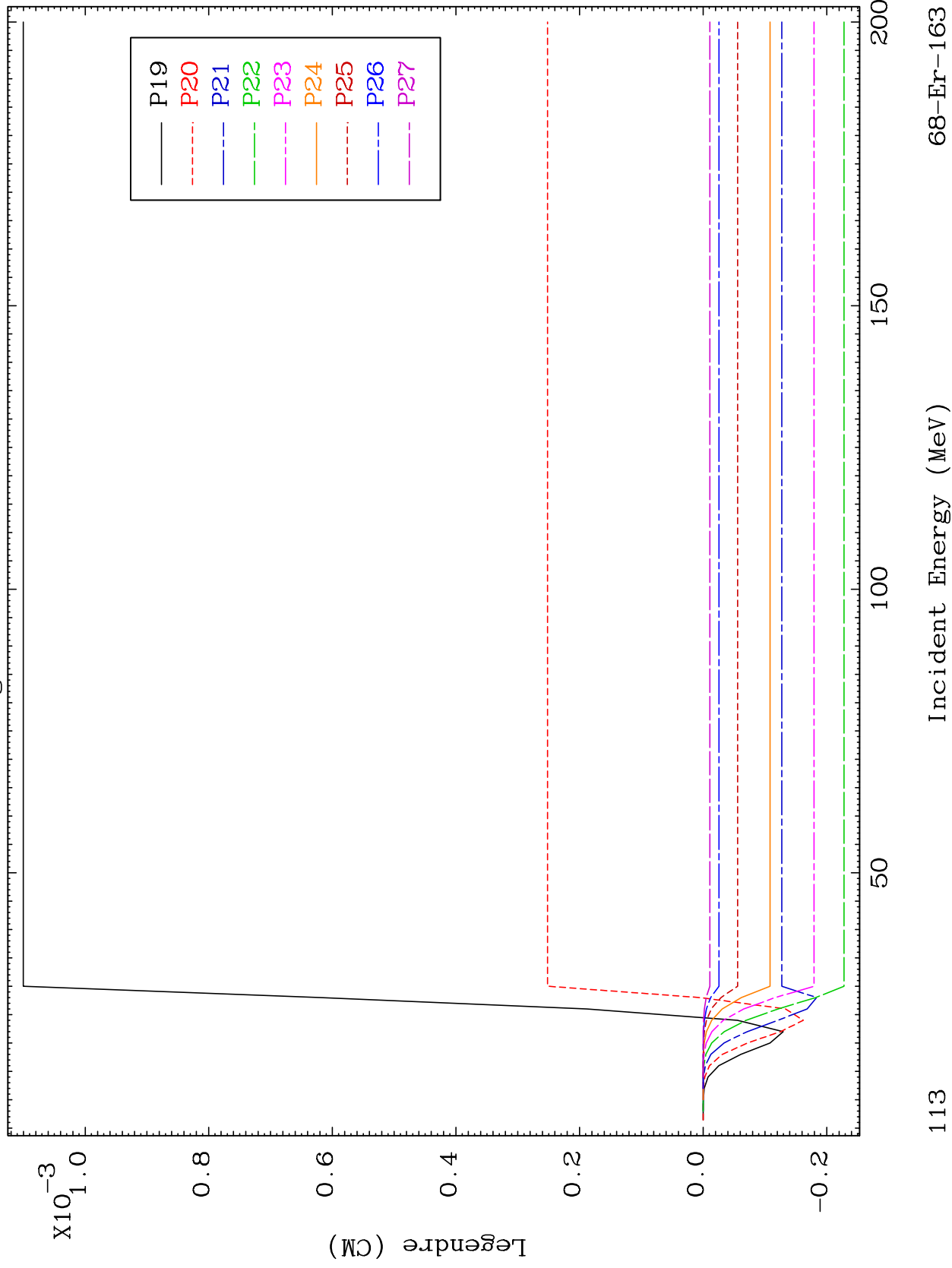
Incident Energy (MeV)

112

MAT 6828

553.0 keV (n,n') Level
Legendre Coefficients

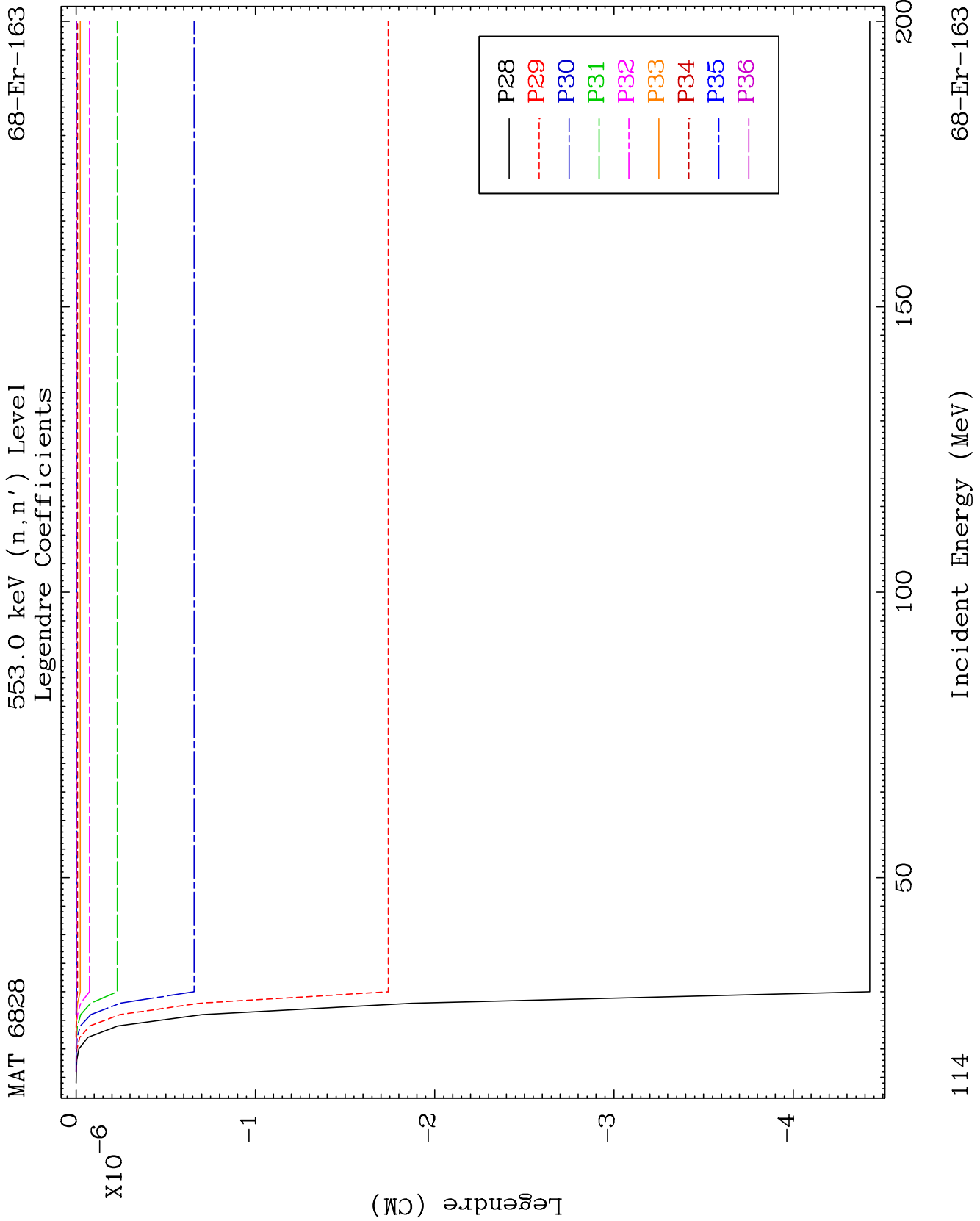
68-Er-163



113

Incident Energy (MeV)

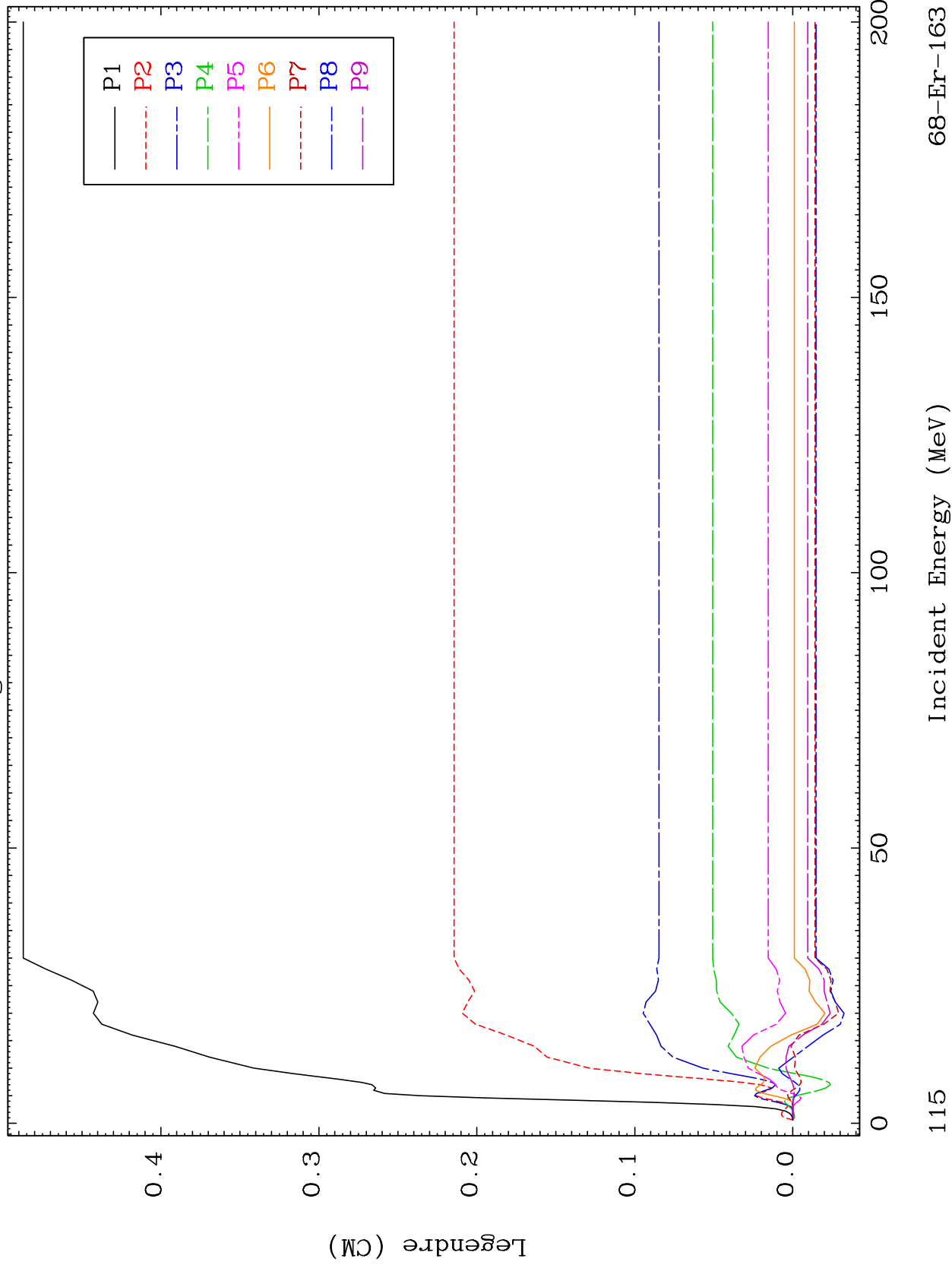
68-Er-163



MAT 6828

573.0 keV (n,n') Level
Legendre Coefficients

68-Er-163



68-Er-163

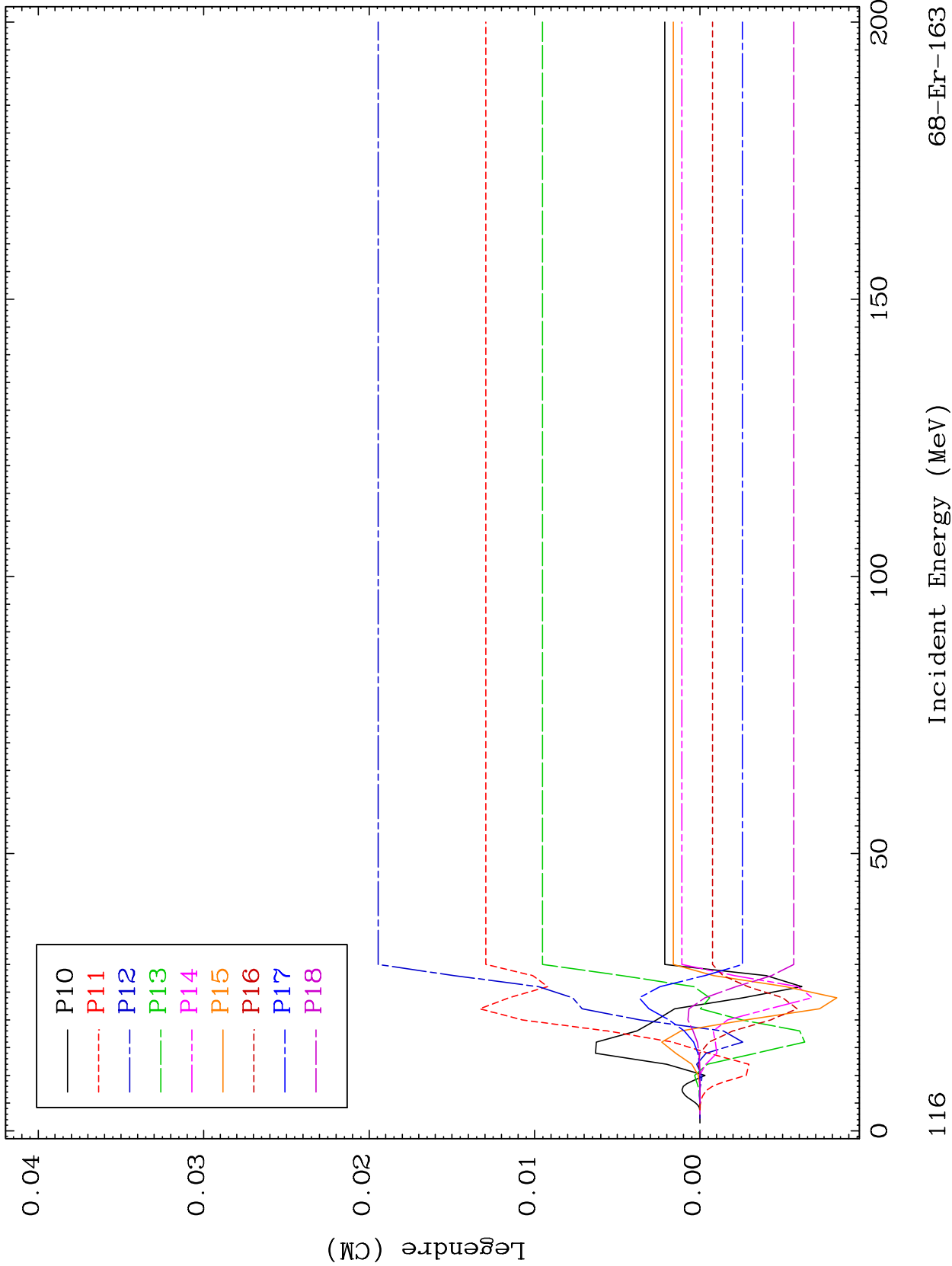
Incident Energy (MeV)

115

MAT 6828

573.0 keV (n,n') Level
Legendre Coefficients

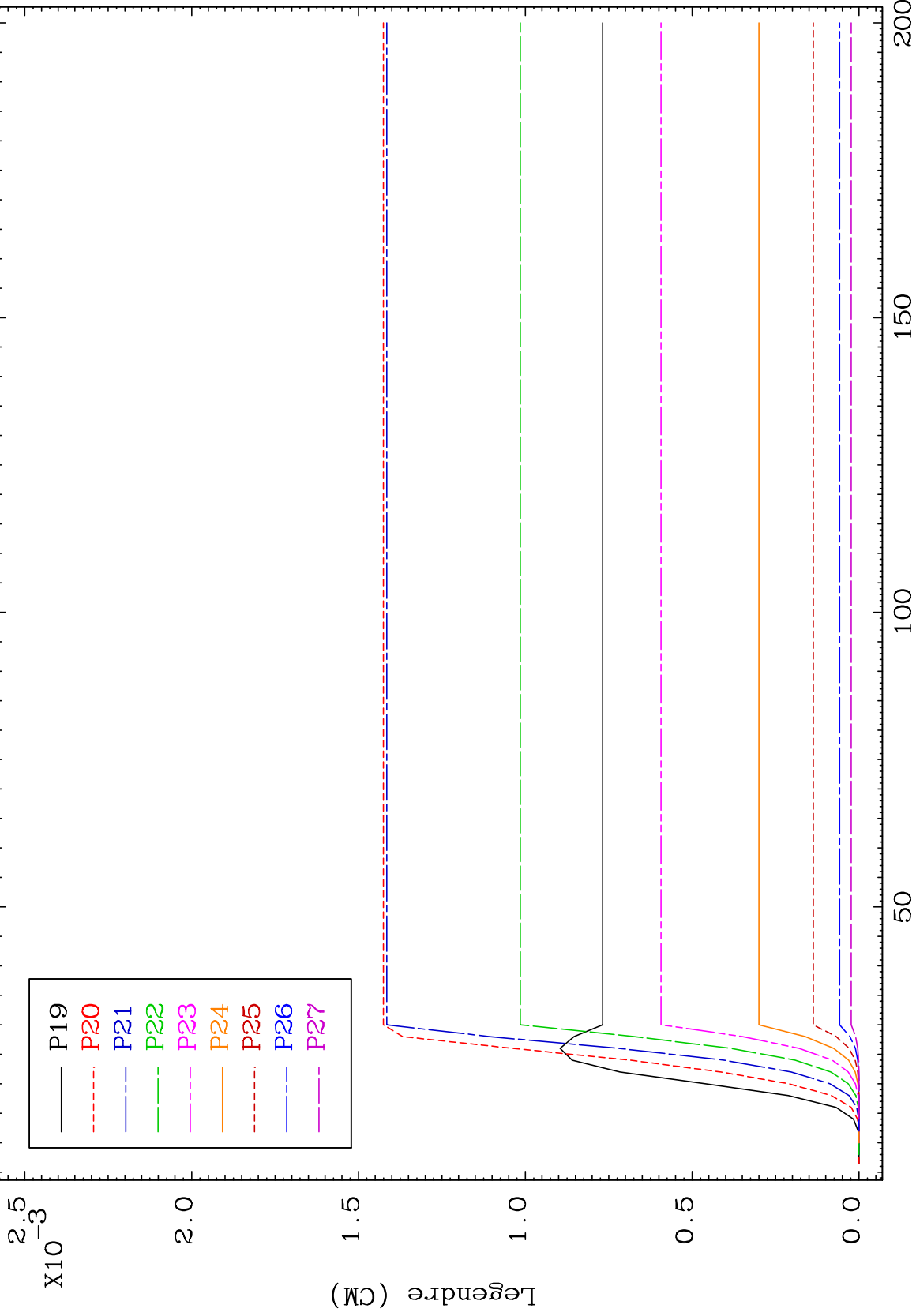
68-Er-163



116

Incident Energy (MeV)

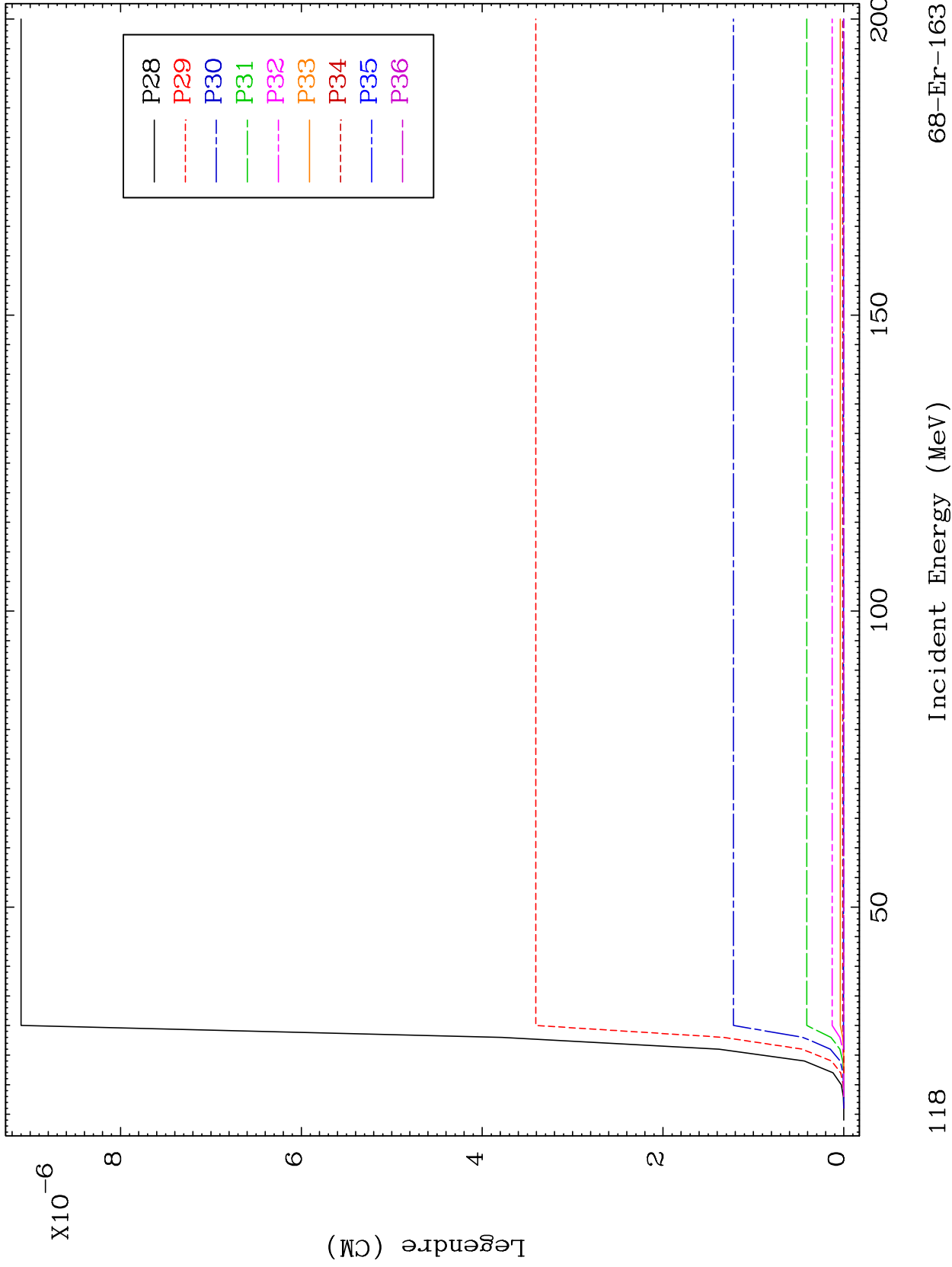
68-Er-163



MAT 6828

573.0 keV (n,n') Level
Legendre Coefficients

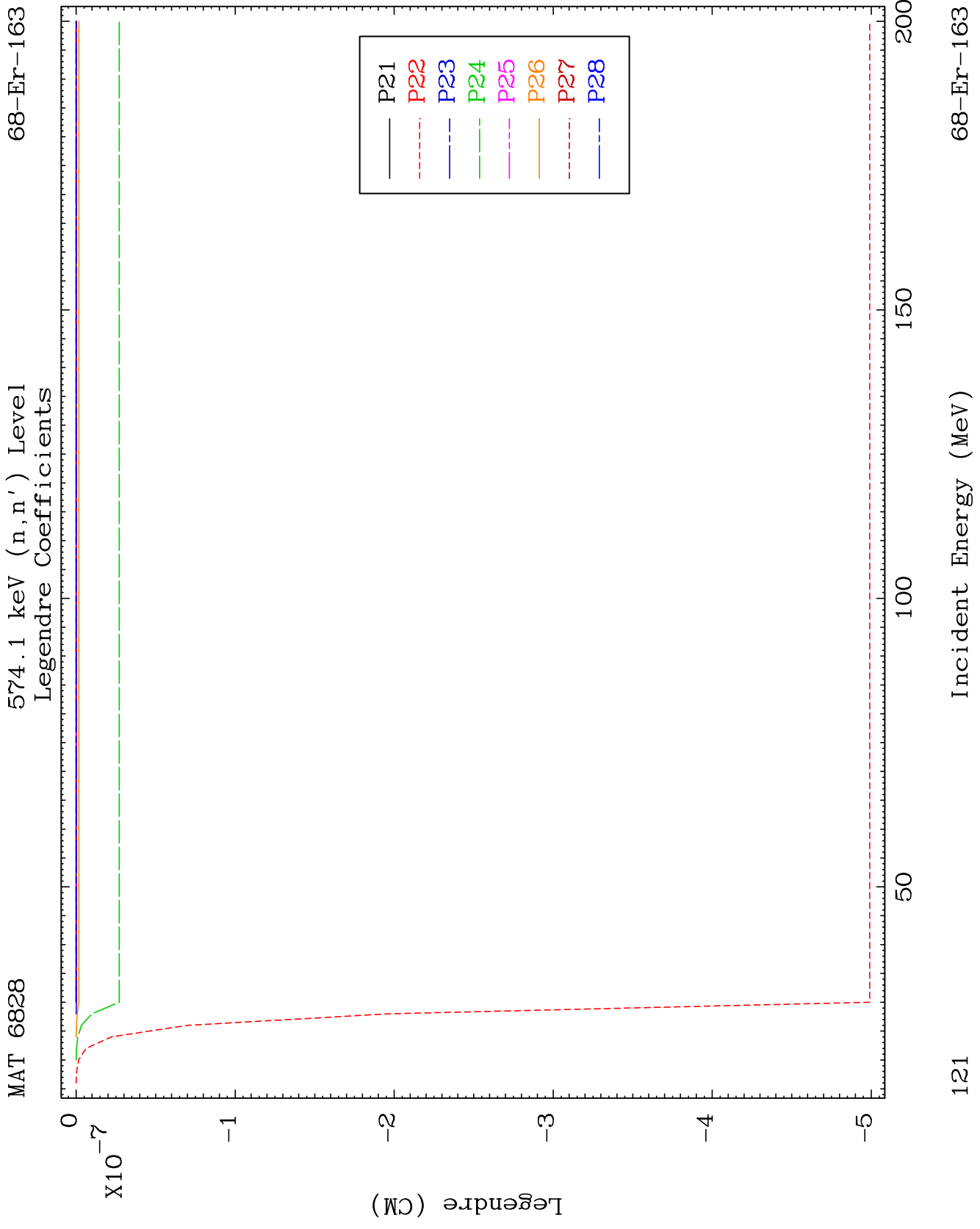
68-Er-163

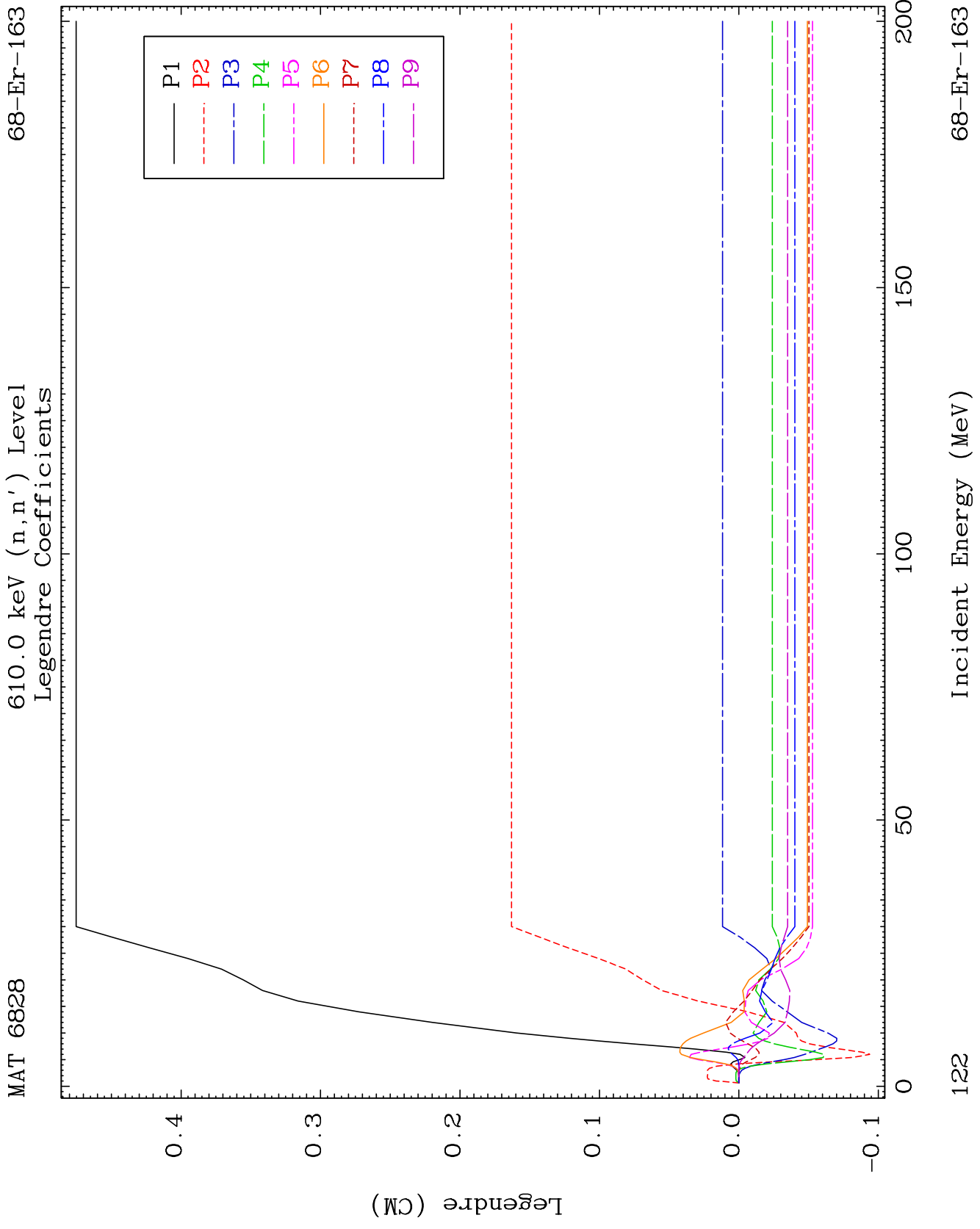


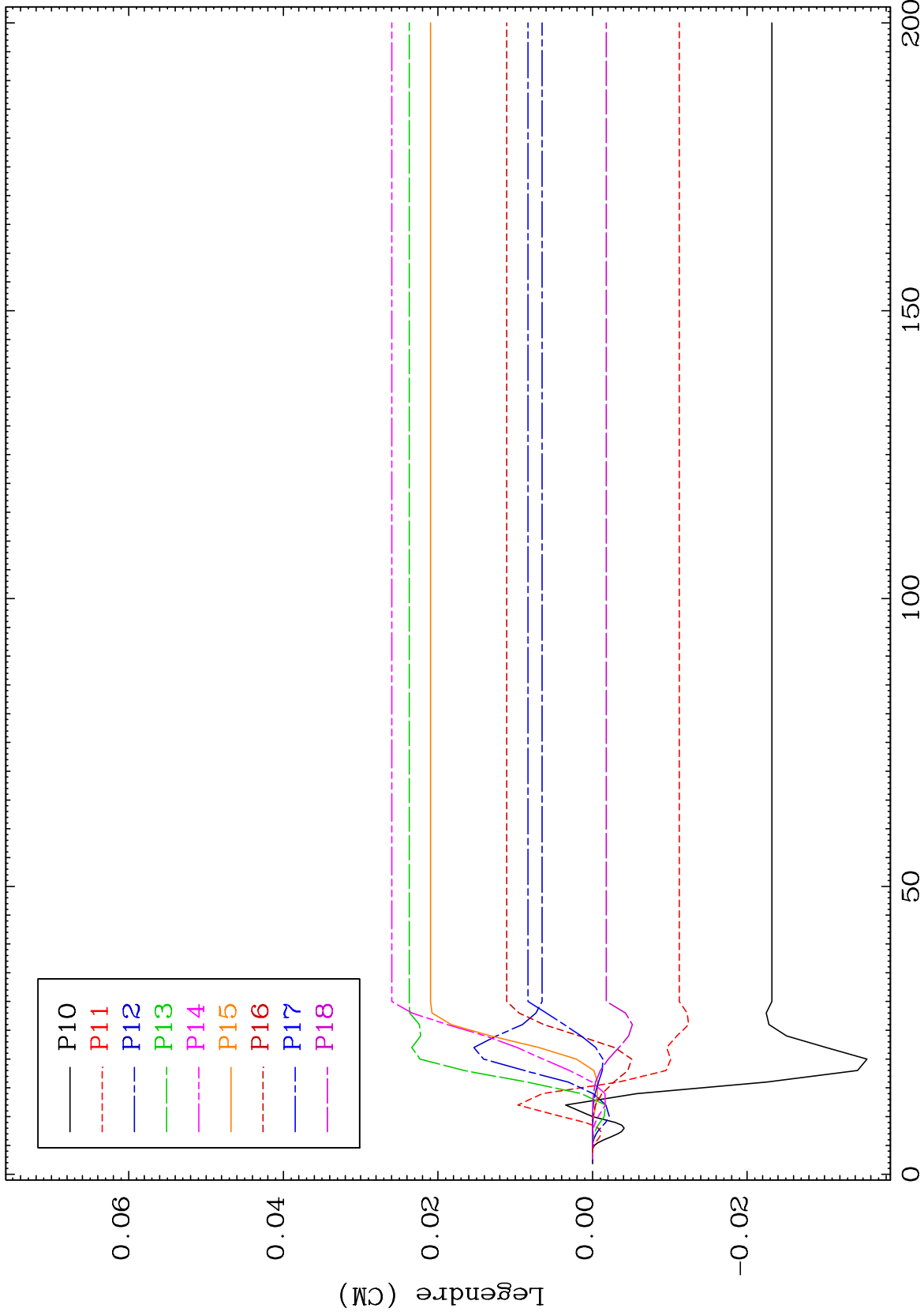
118

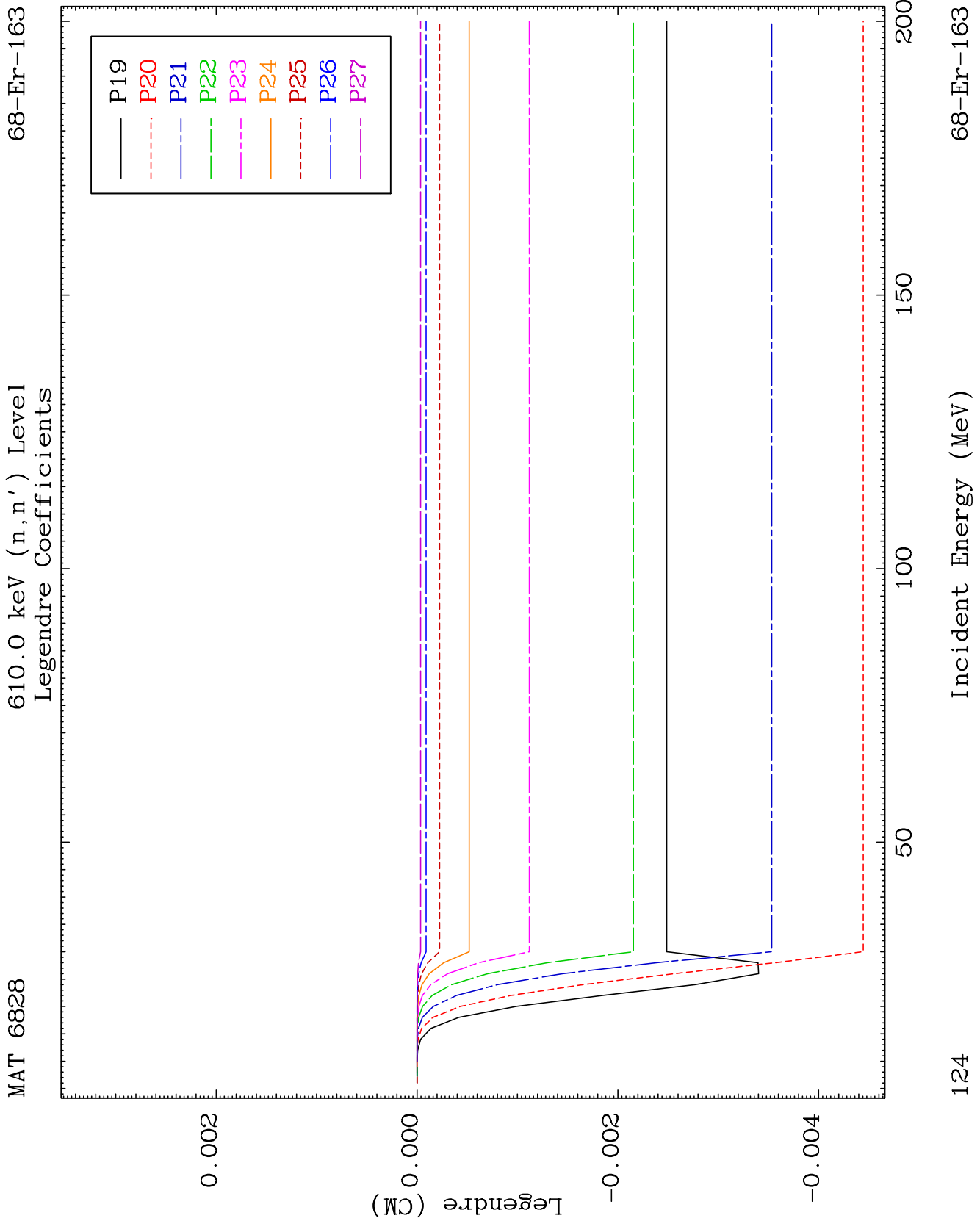
Incident Energy (MeV)

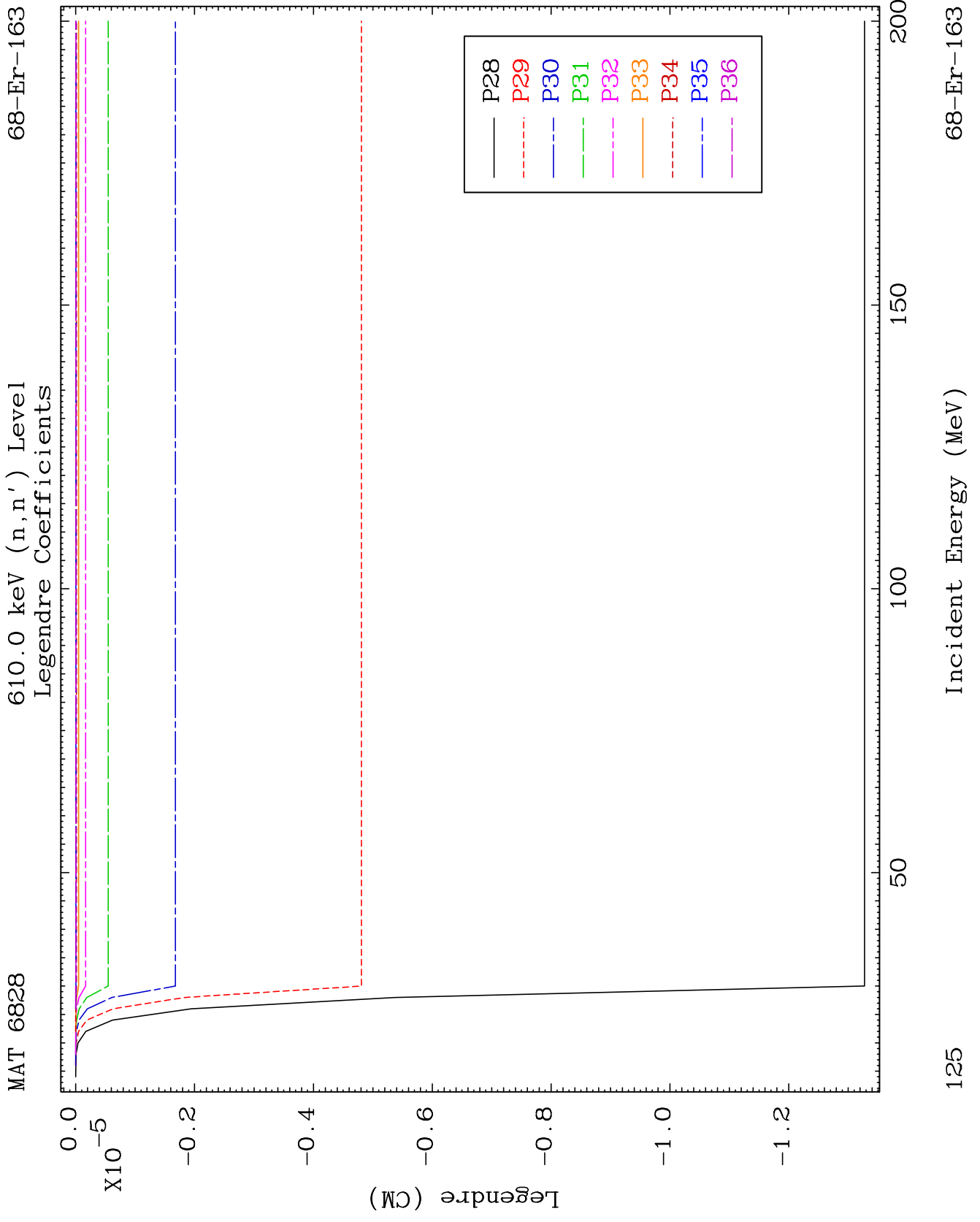
68-Er-163

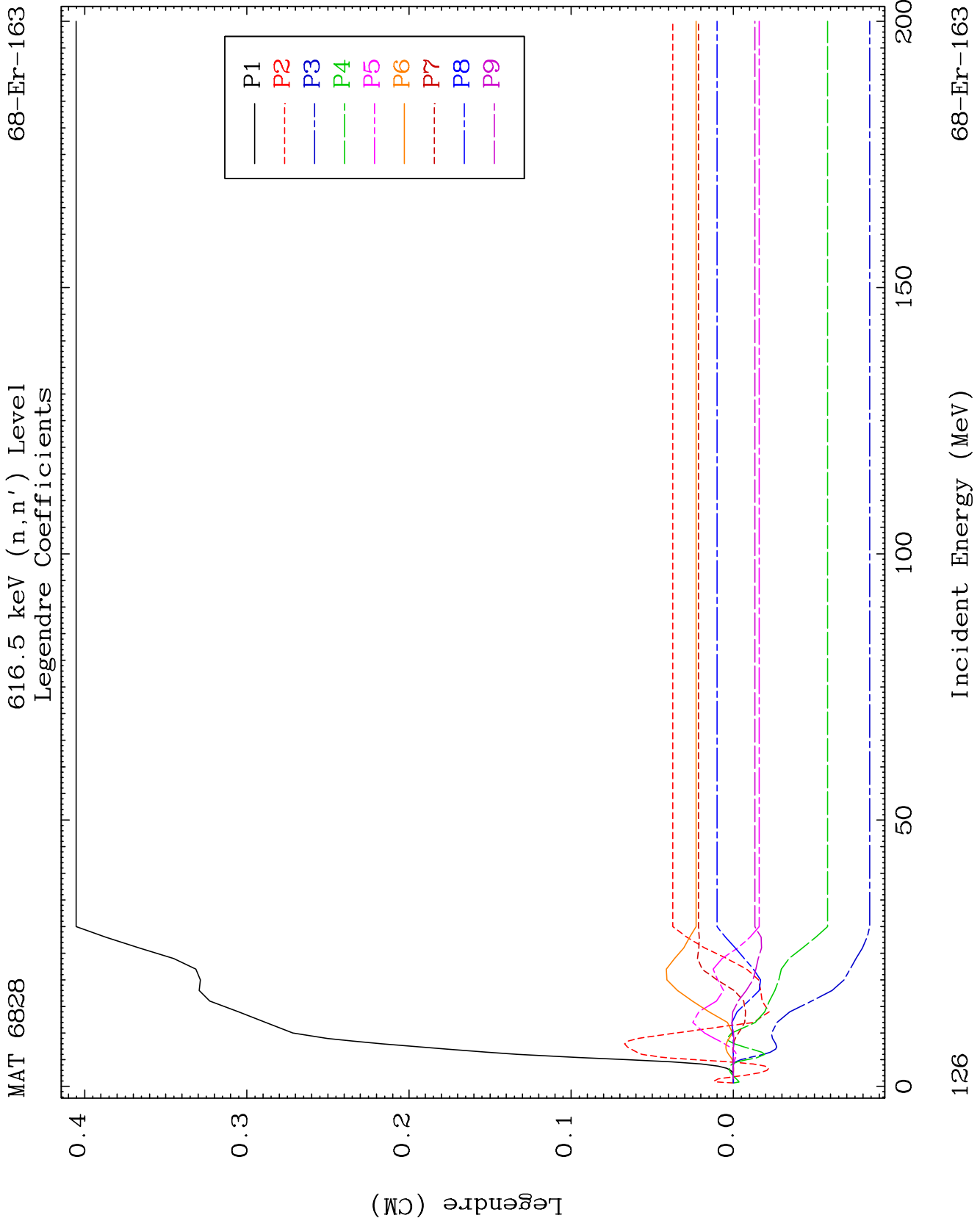


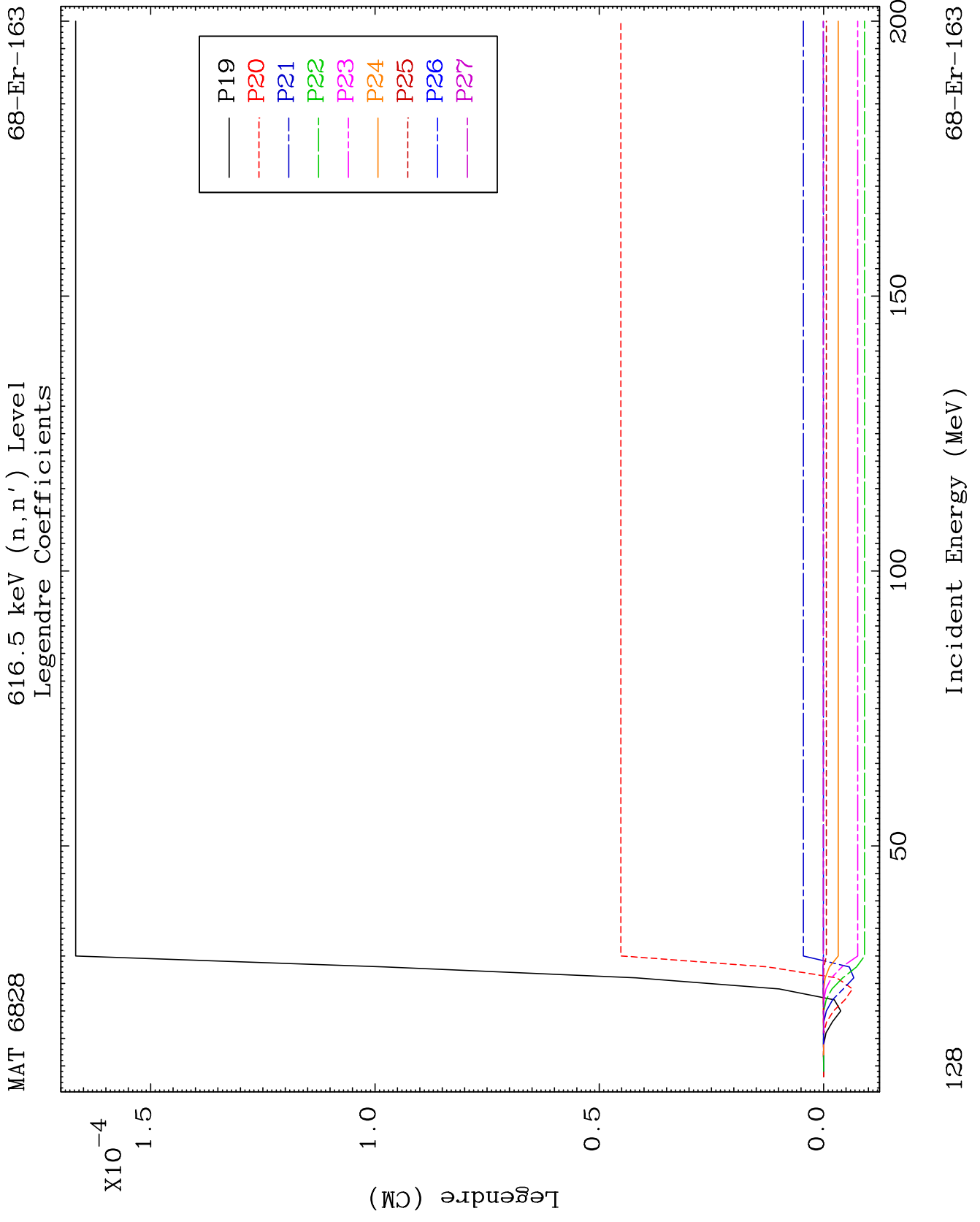








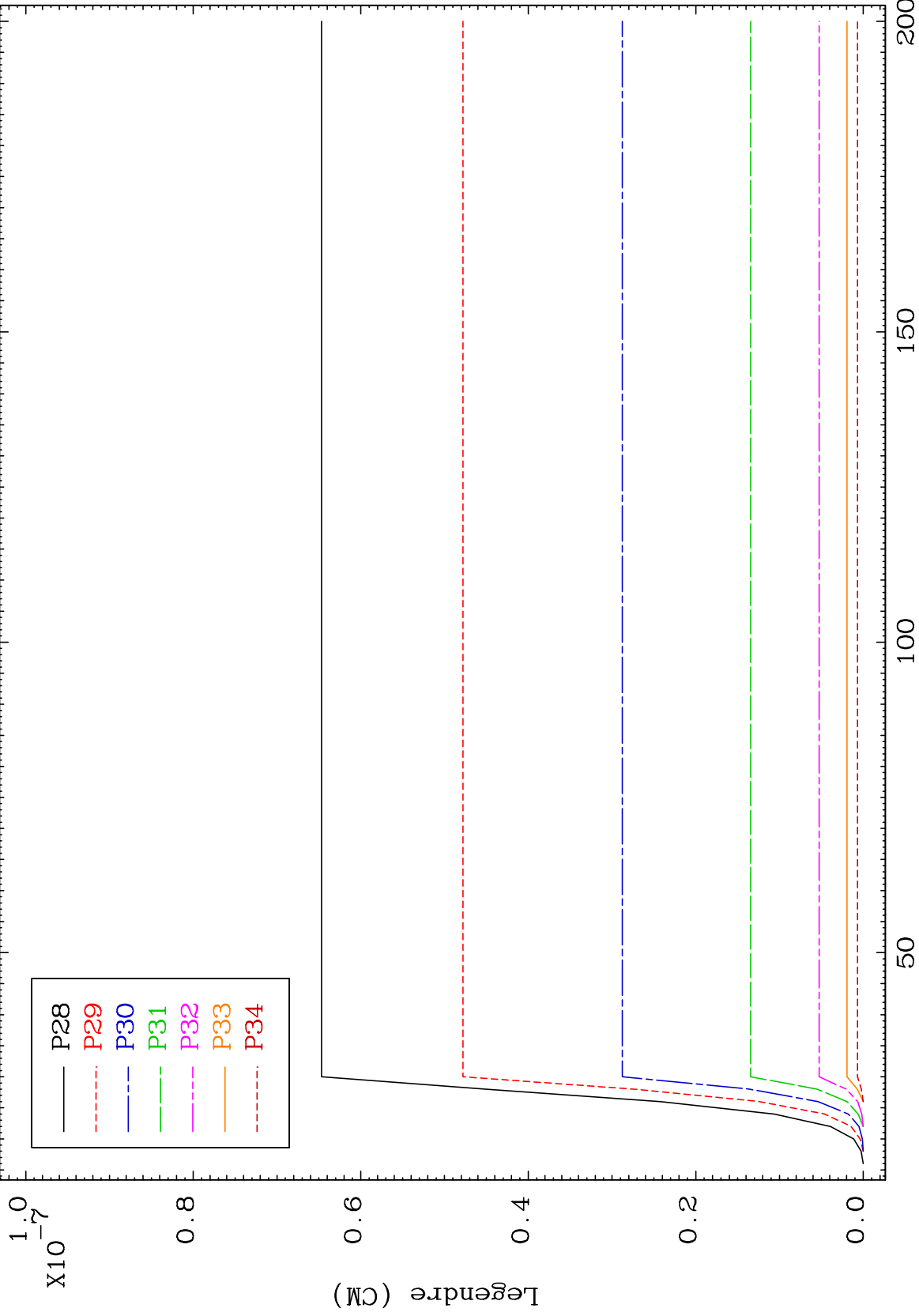




MAT 6828

616.5 keV (n,n') Level
Legendre Coefficients

68-Er-163



129

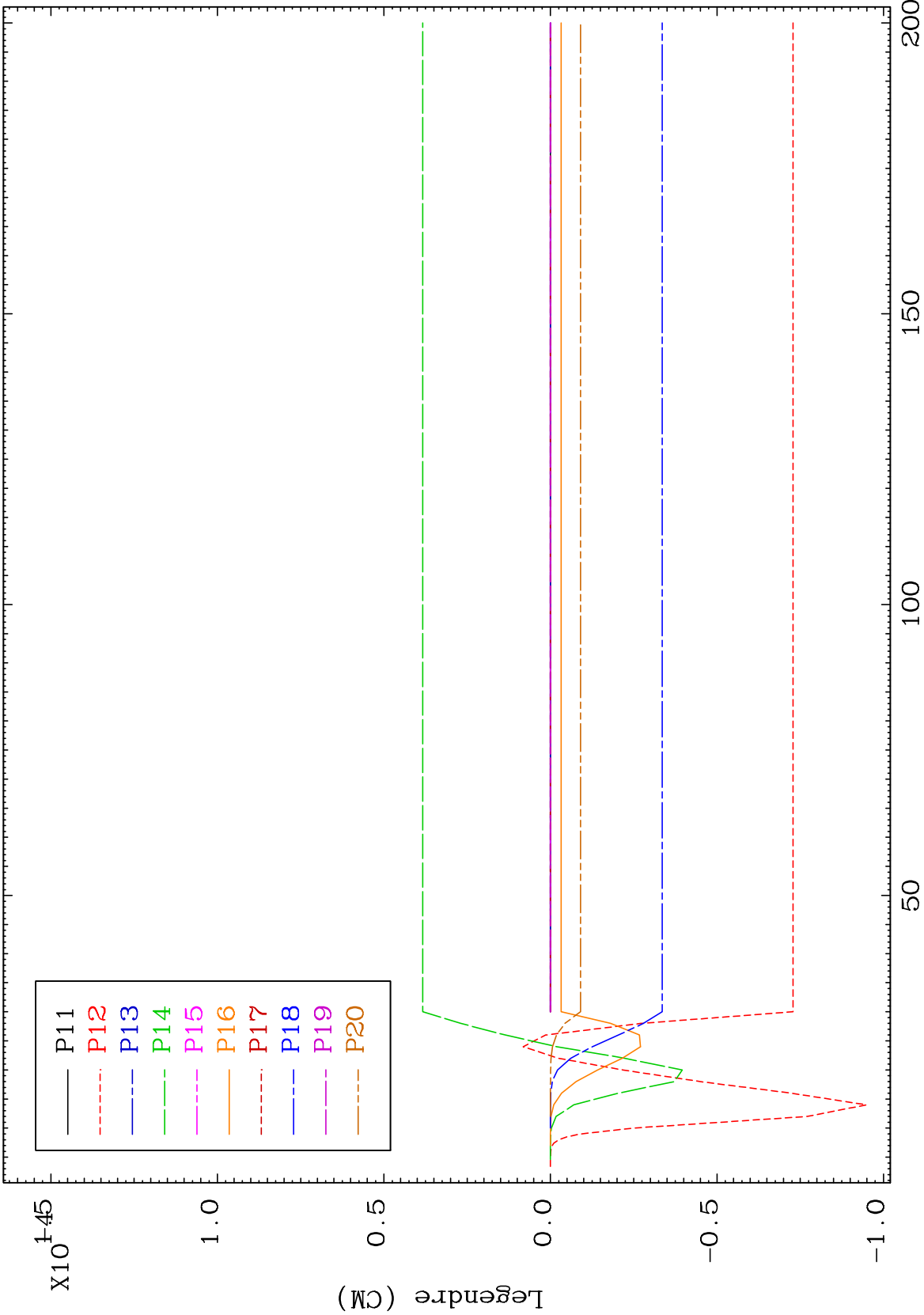
Incident Energy (MeV)

68-Er-163

MAT 6828

619.4 keV (n,n') Level
Legendre Coefficients

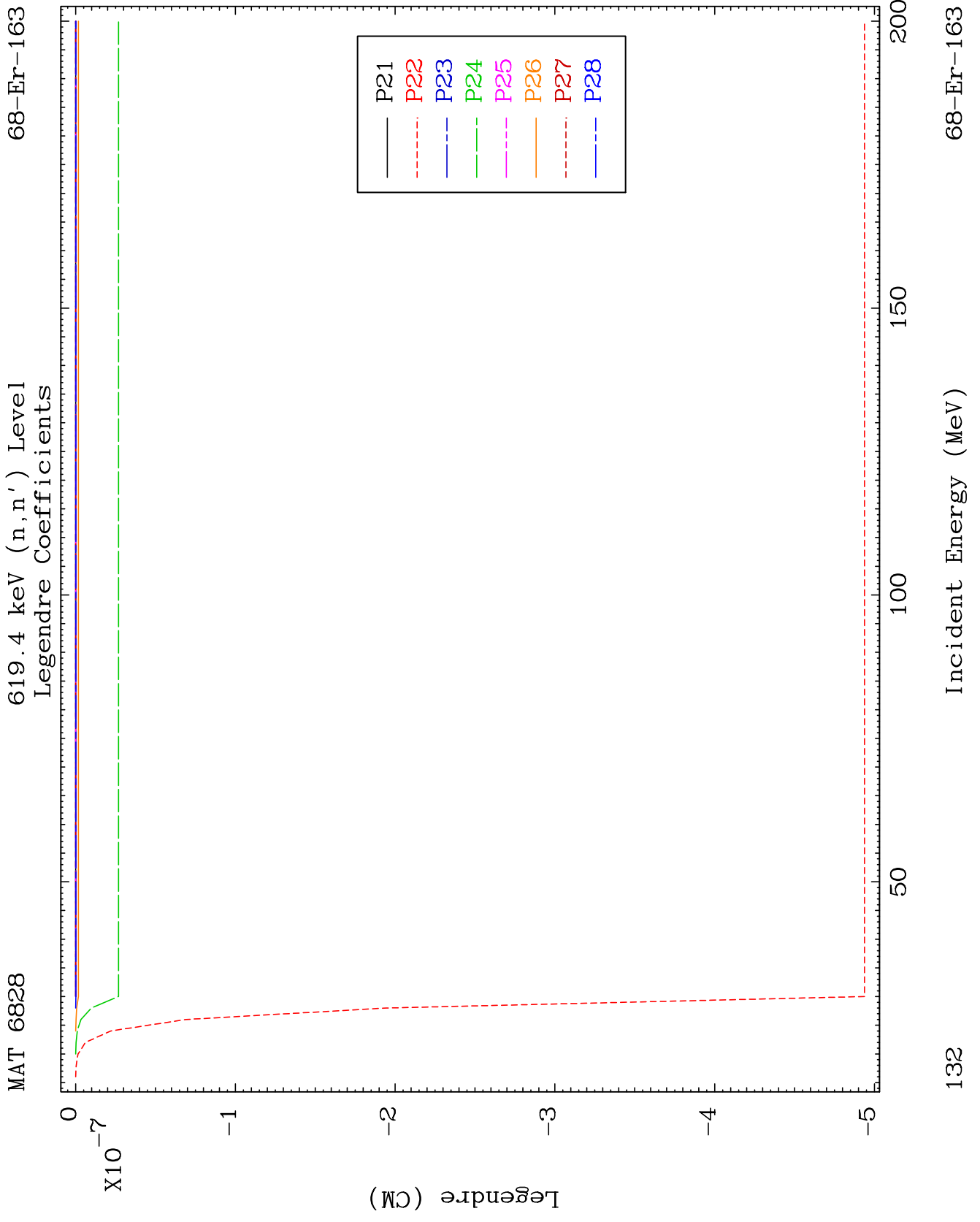
68-Er-163



131

Incident Energy (MeV)

68-Er-163

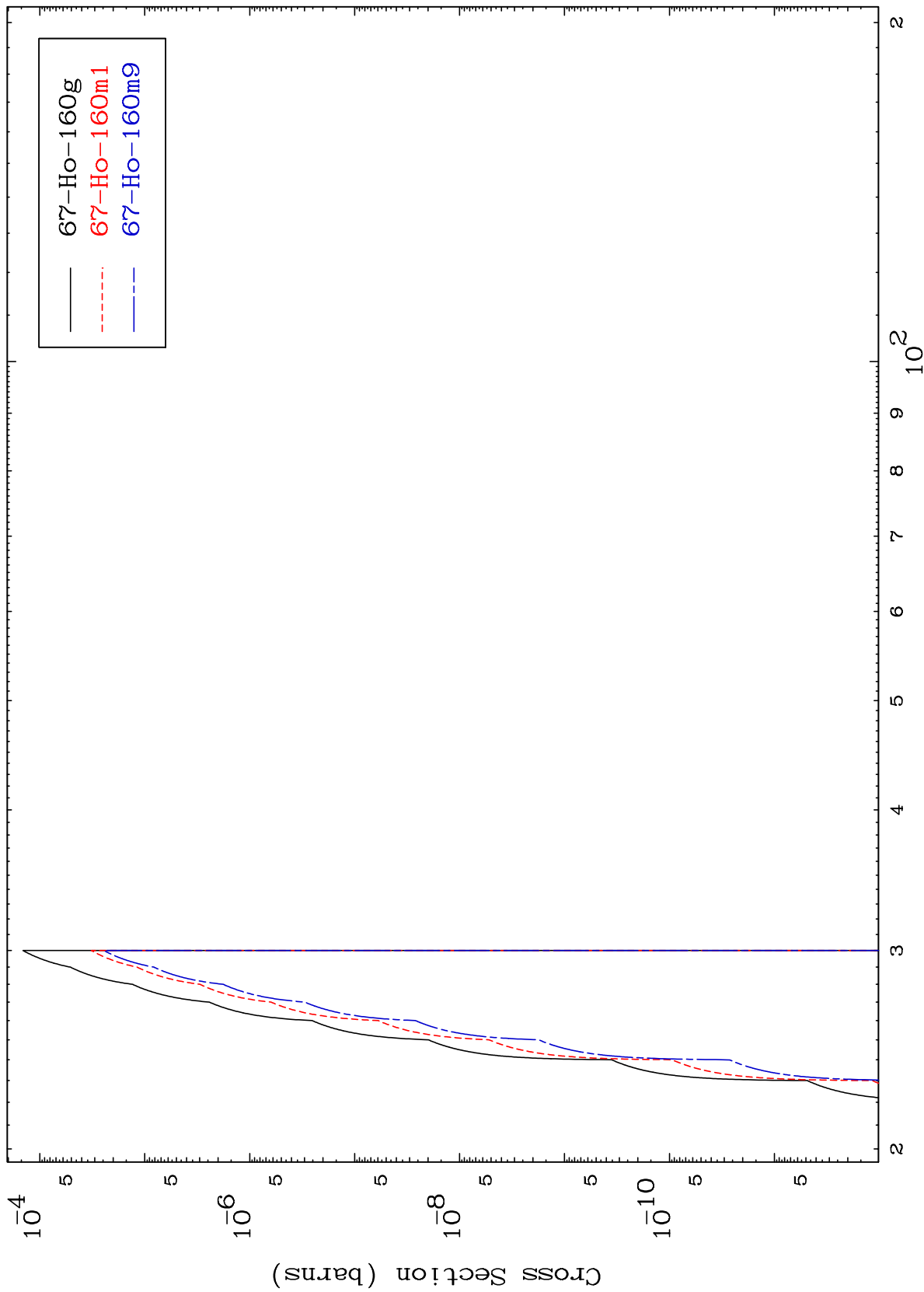


MAT 6828

(n,2n) d

68-Er-163

Radionuclide Production Cross Section

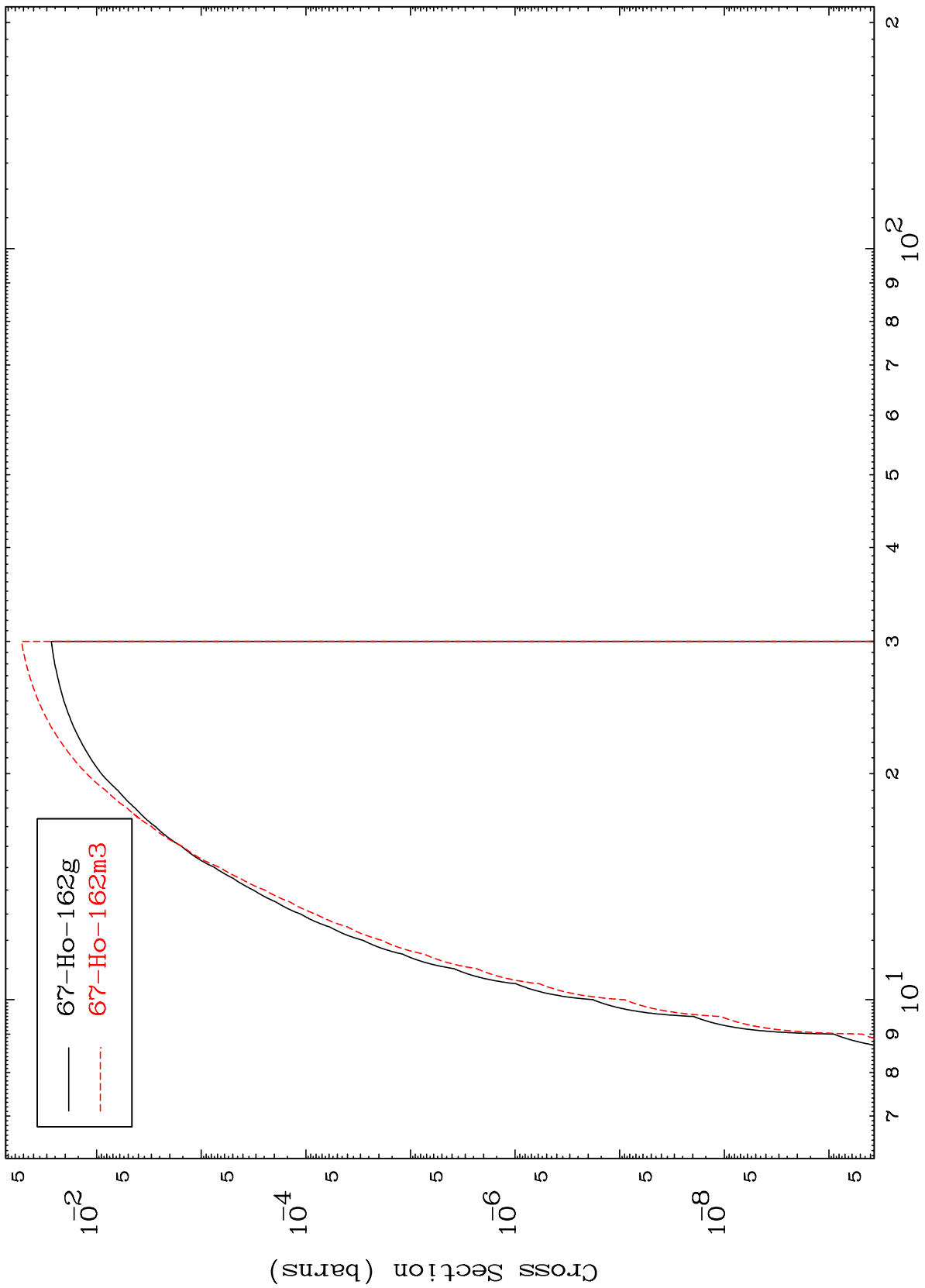


133

Incident Energy (MeV)

68-Er-163

(n,n') p
Radionuclide Production Cross Section

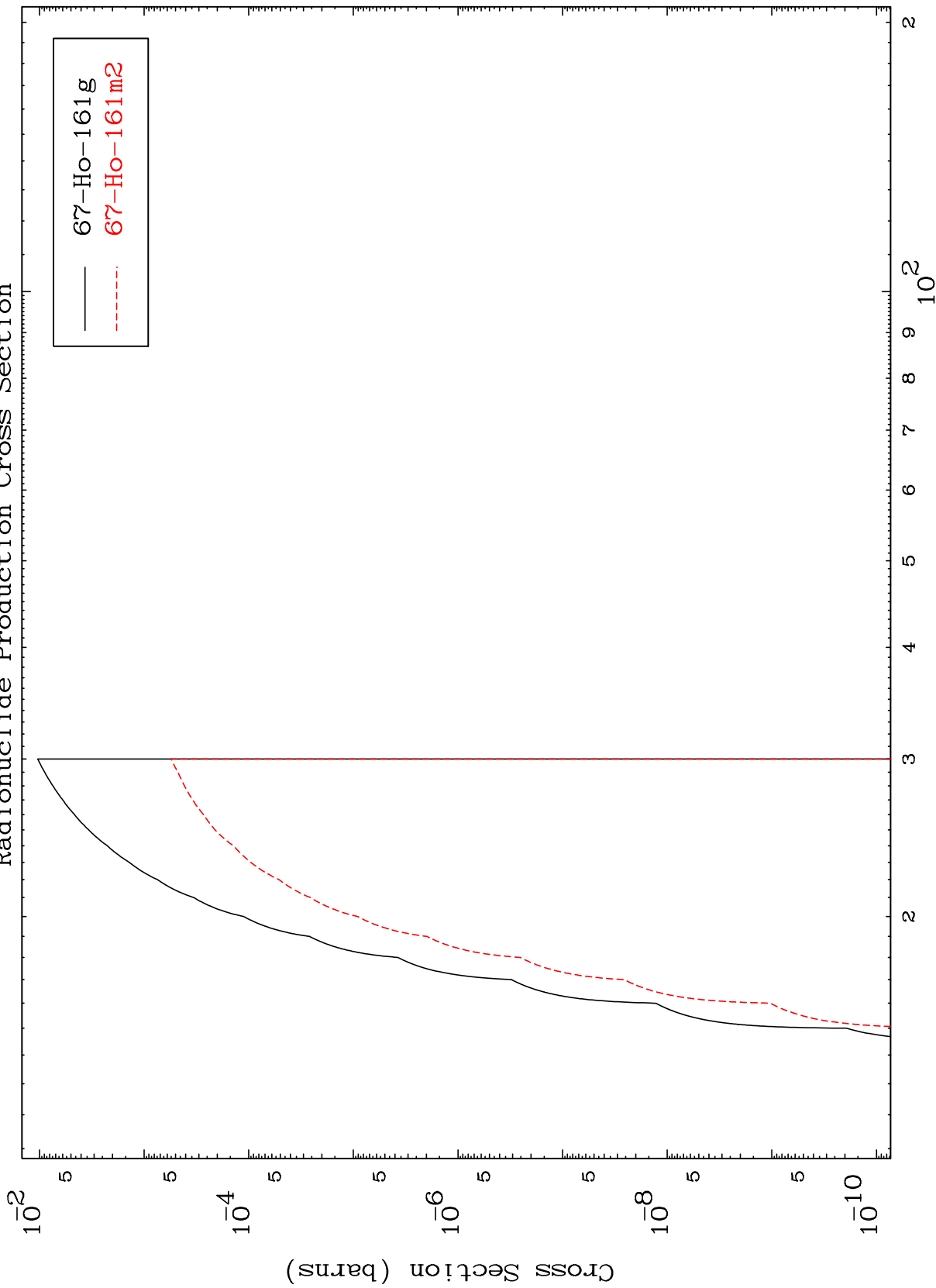


MAT 6828

(n,n') d

68-Er-163

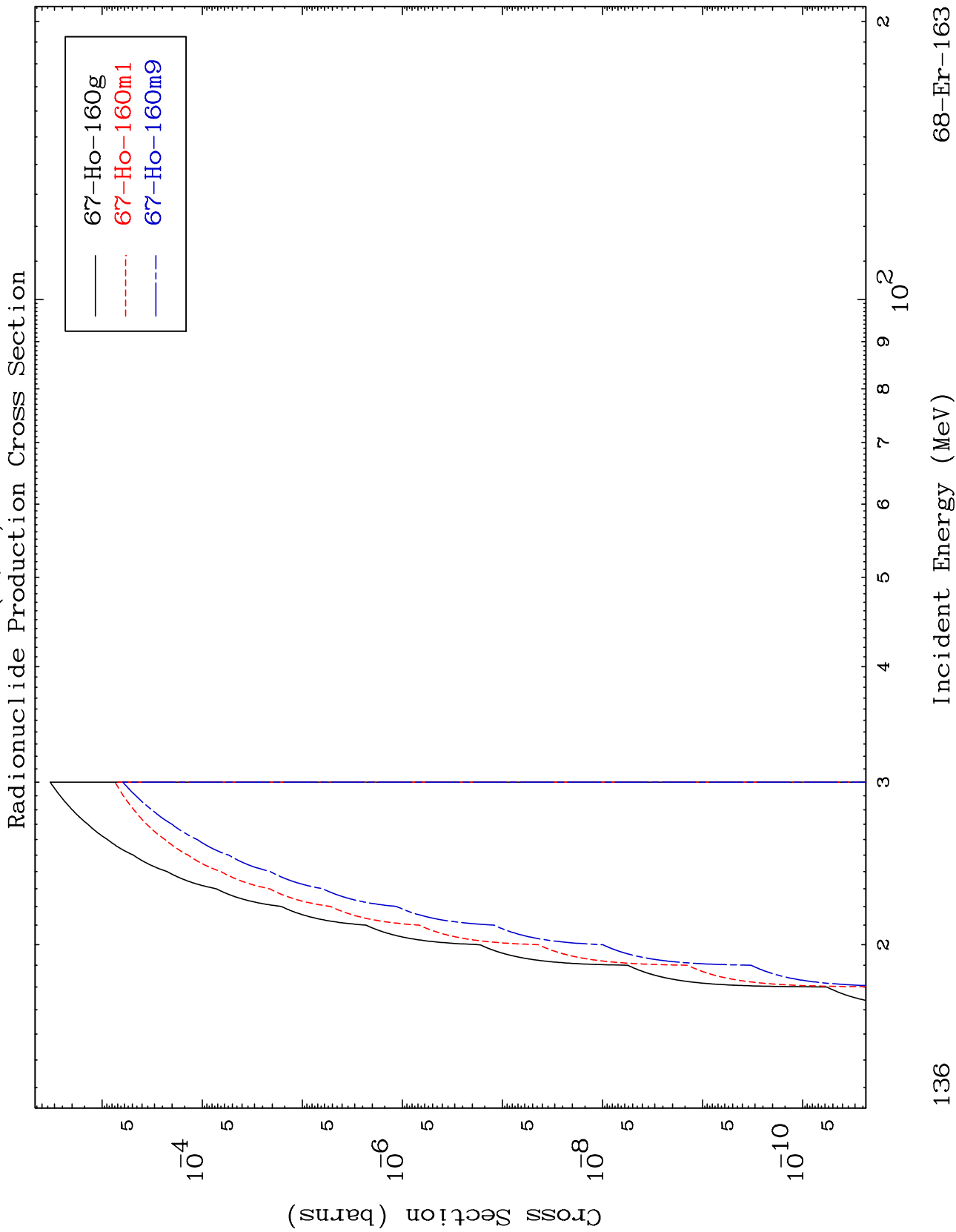
Radionuclide Production Cross Section



135

Incident Energy (MeV)

68-Er-163

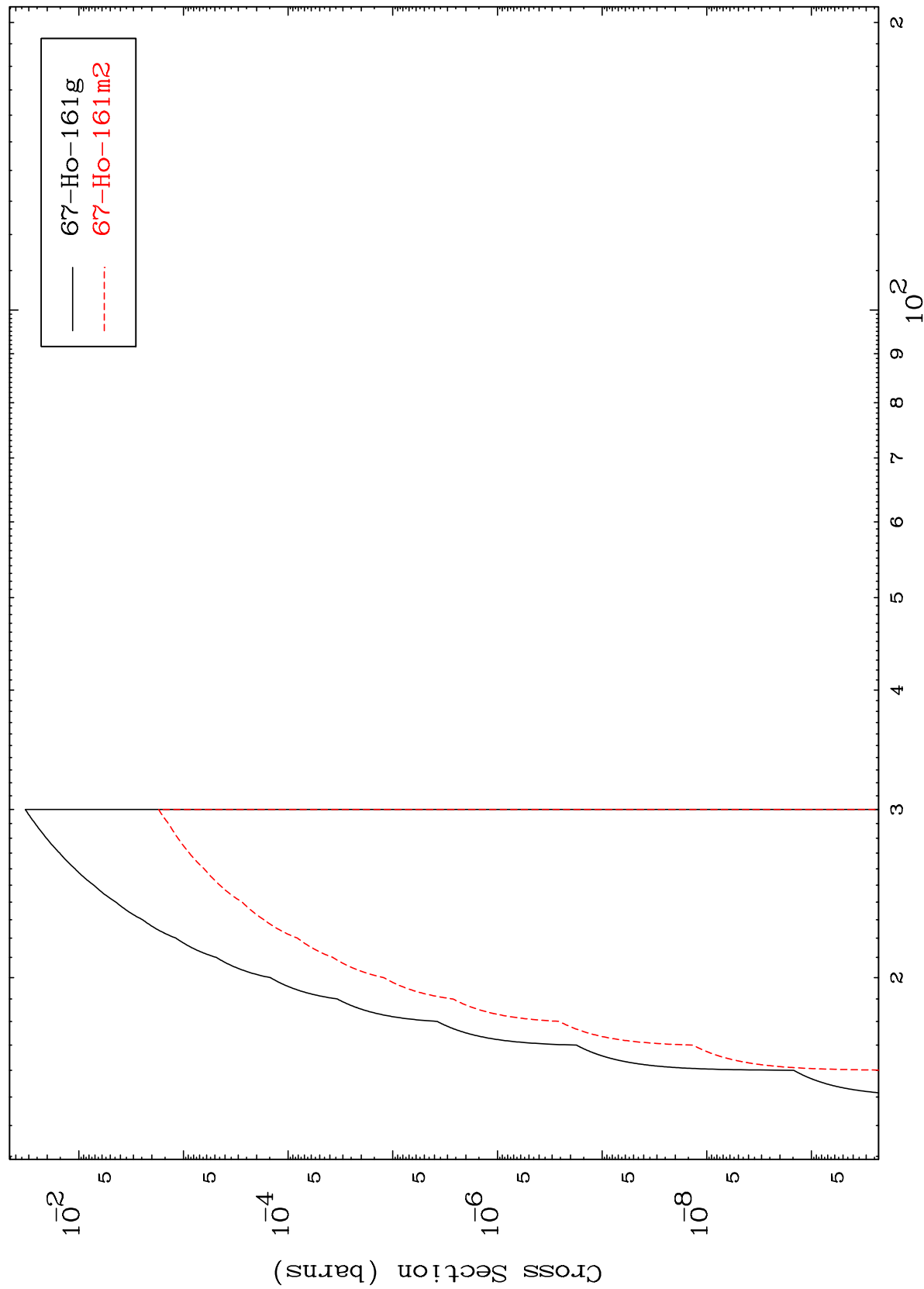


MAT 6828

(n,2n) p

68-Er-163

Radionuclide Production Cross Section

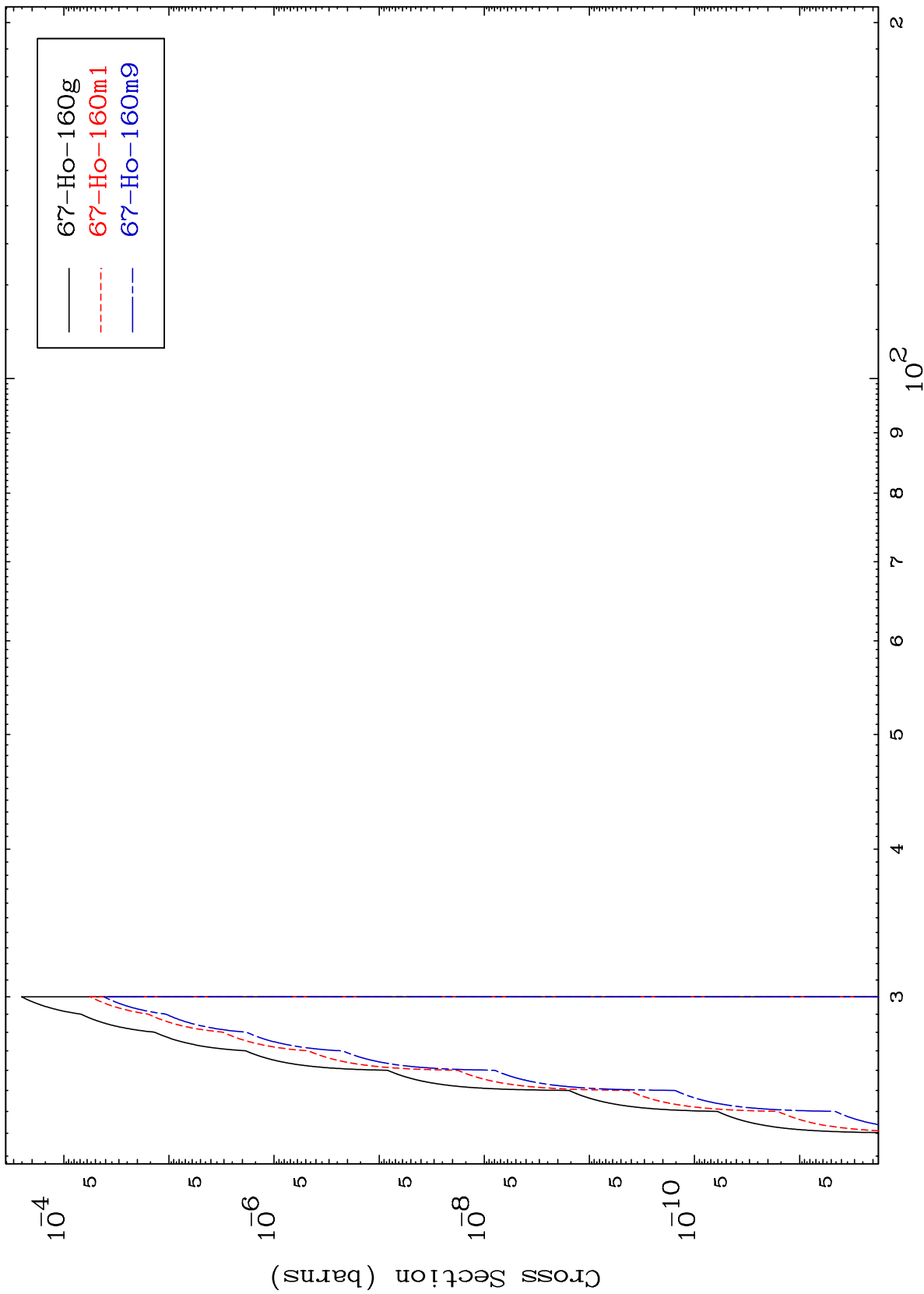


137

Incident Energy (MeV)

68-Er-163

Radionuclide Production Cross Section

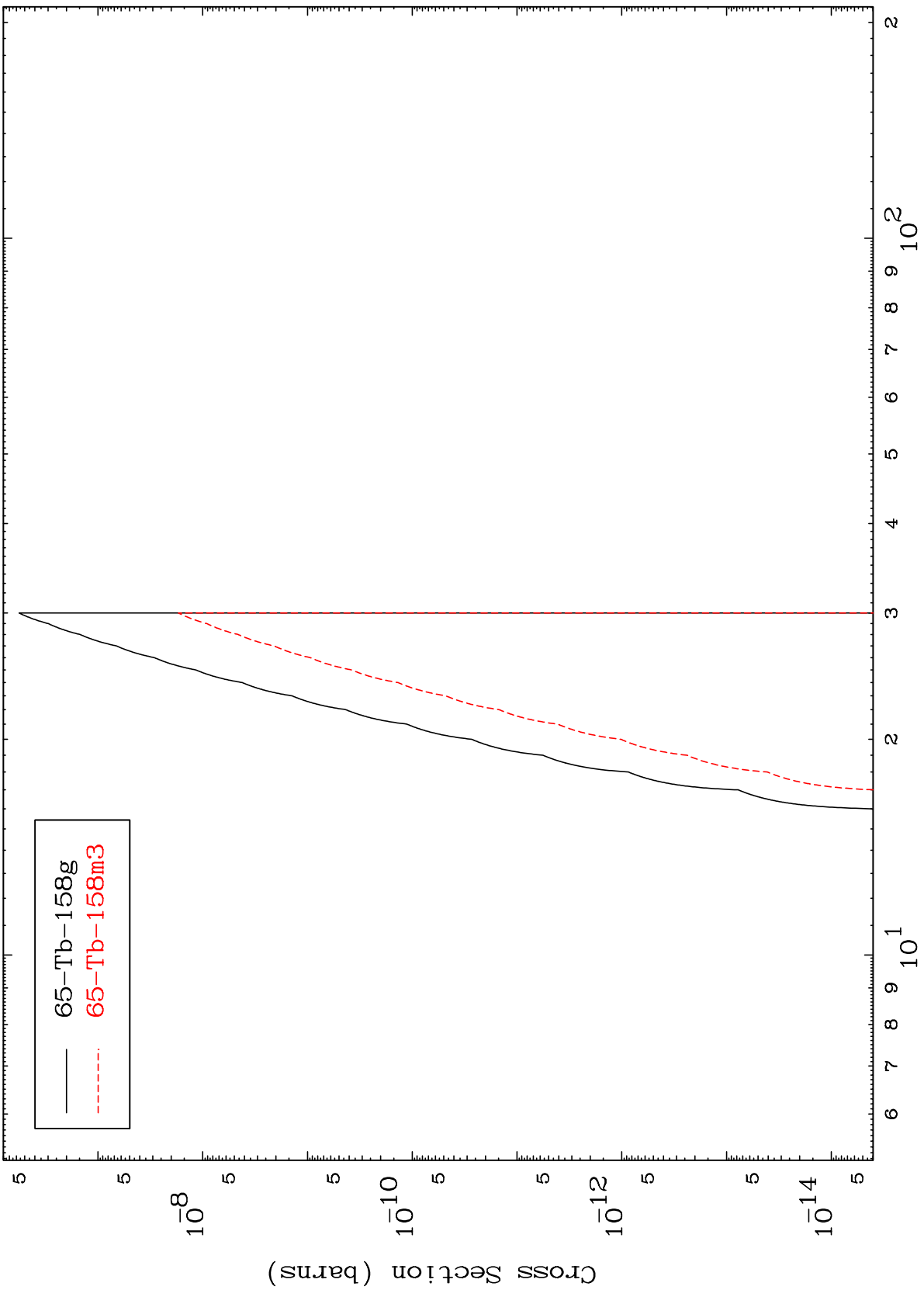


MAT 6828

(n,n') p α

68-Er-163

Radionuclide Production Cross Section



139

Incident Energy (MeV)

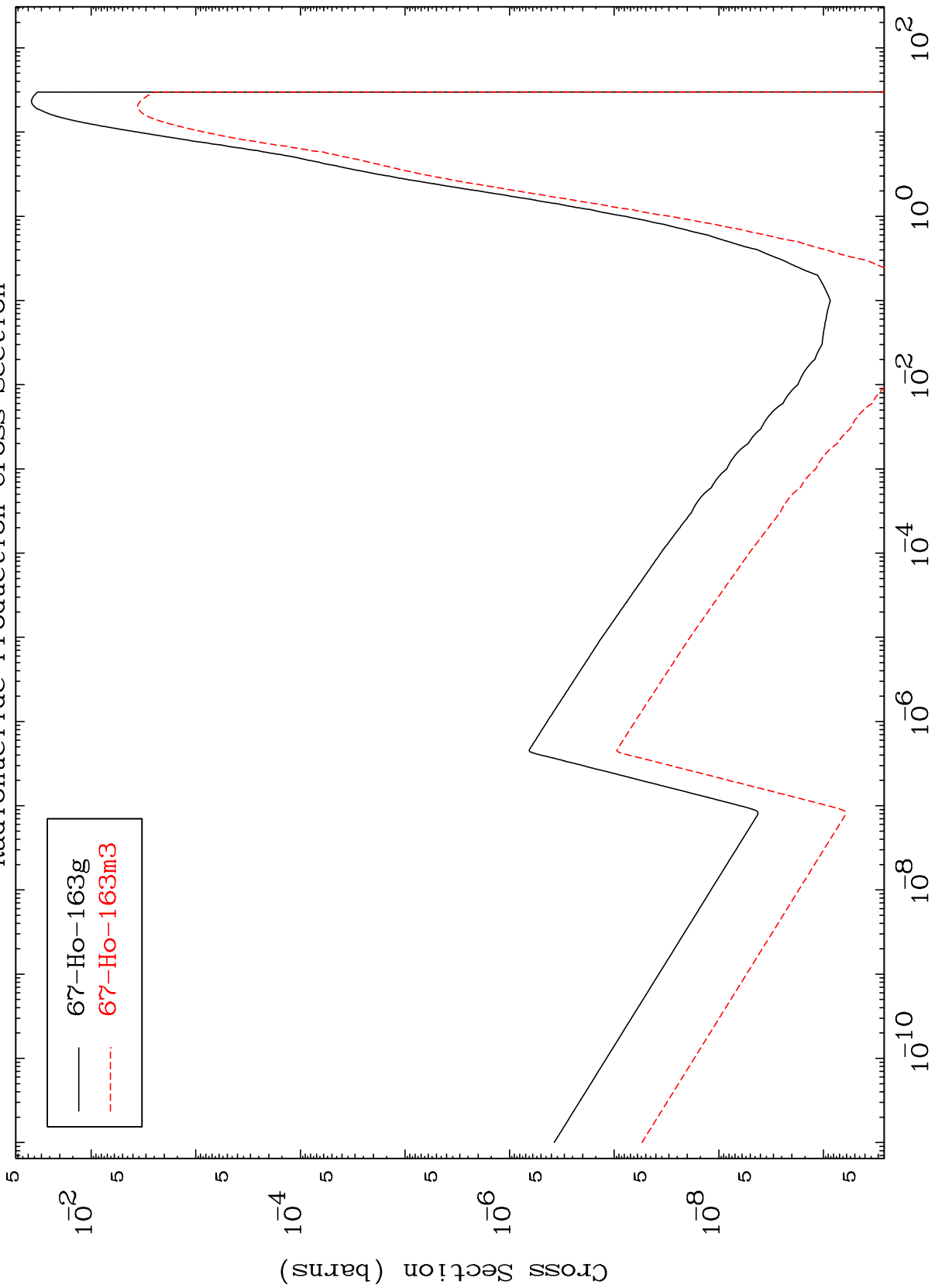
68-Er-163

MAT 6828

(n,p)

68-Er-163

Radionuclide Production Cross Section



— 67-Ho-163g
- - - 67-Ho-163m3

140

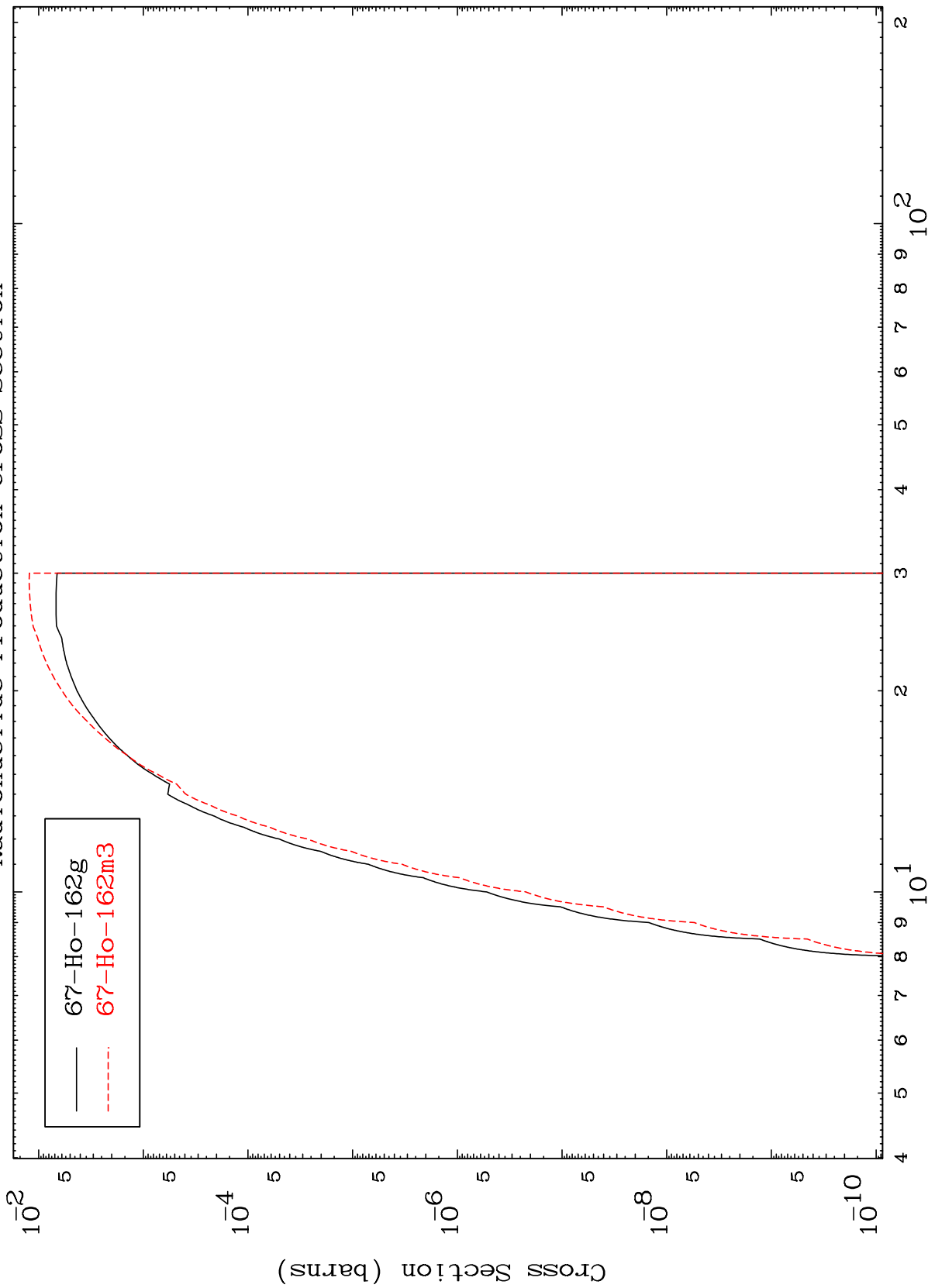
Incident Energy (MeV)

68-Er-163

MAT 6828

68-Er-163

(n,d)
Radionuclide Production Cross Section



— 67-Ho-162g
- - - 67-Ho-162m3

Incident Energy (MeV)

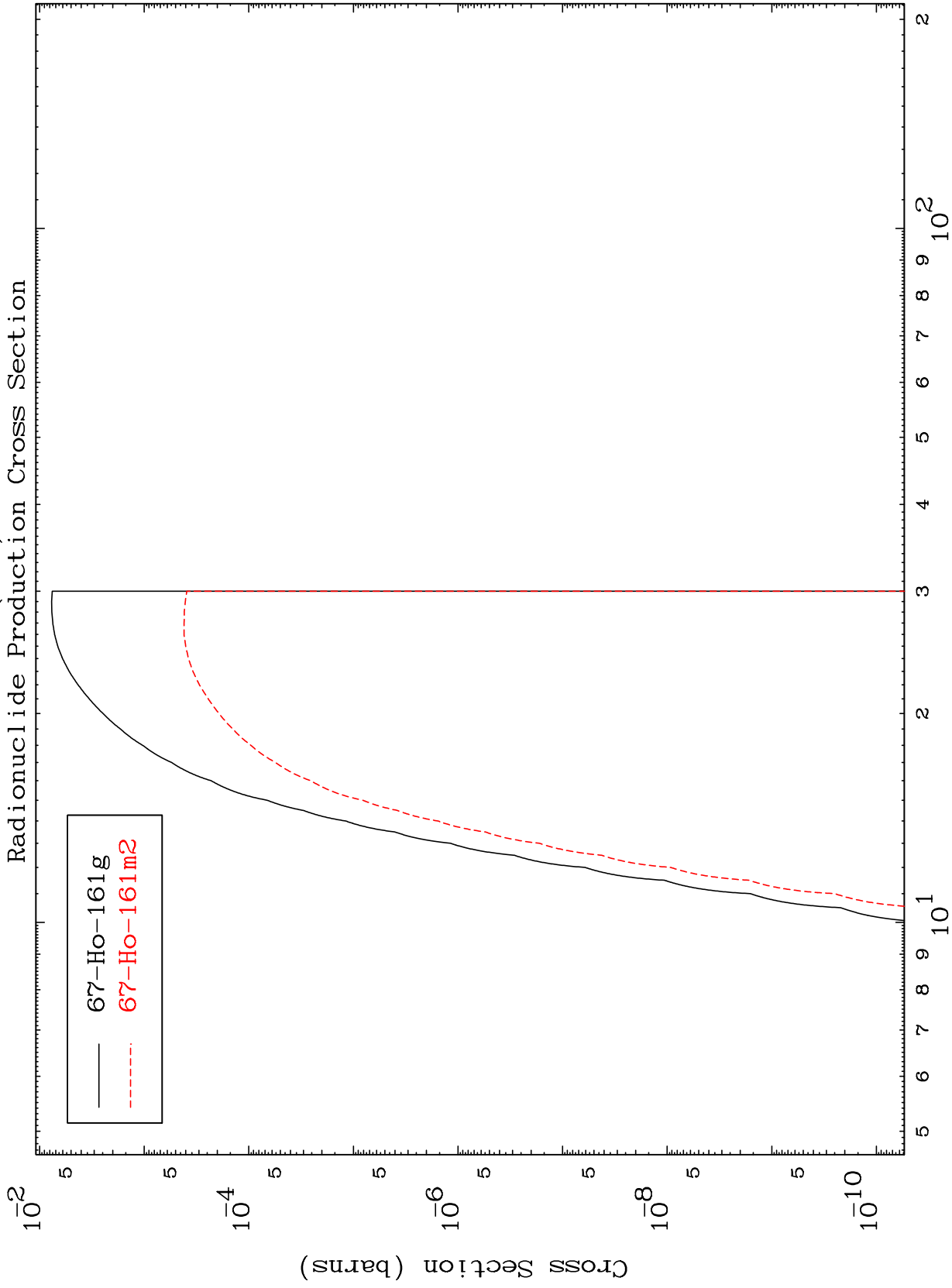
68-Er-163

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MAT 6828

68-Er-163

Radionuclide Production Cross Section
(n, t)



68-Er-163

Incident Energy (MeV)

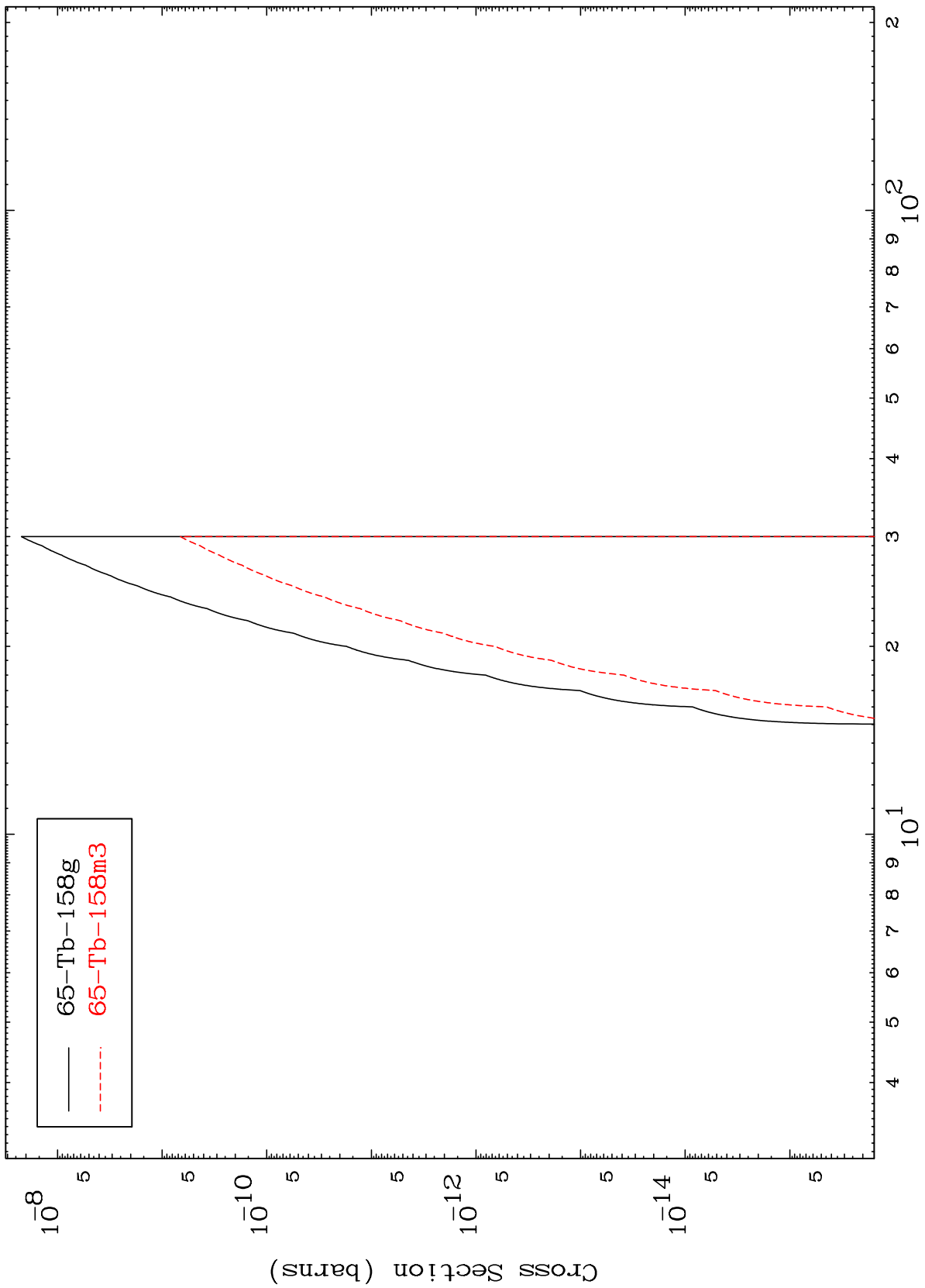
142

MAT 6828

(n,d) α

68-Er-163

Radionuclide Production Cross Section



65-Tb-158g
65-Tb-158m3

143

Incident Energy (MeV)

68-Er-163