

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

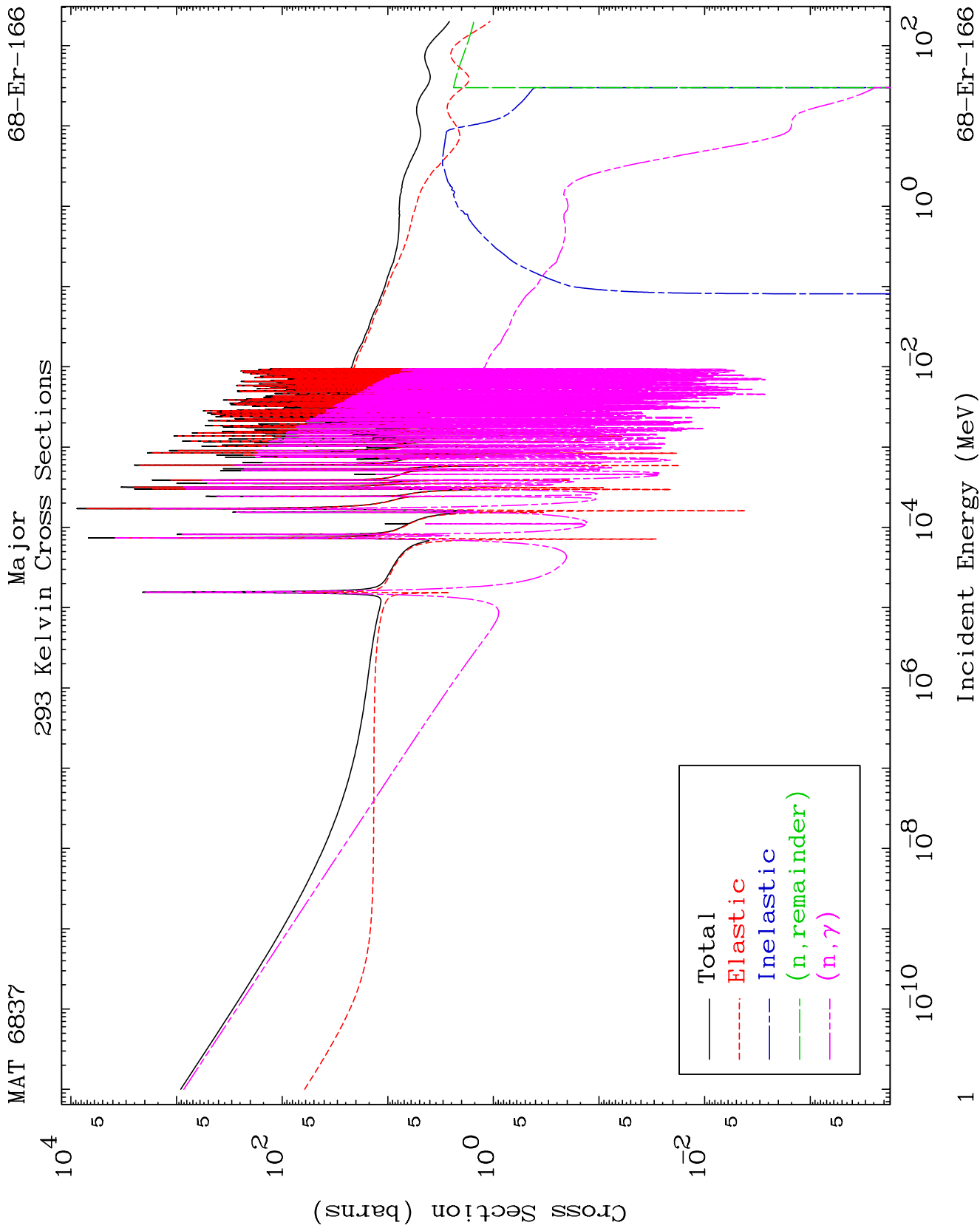
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

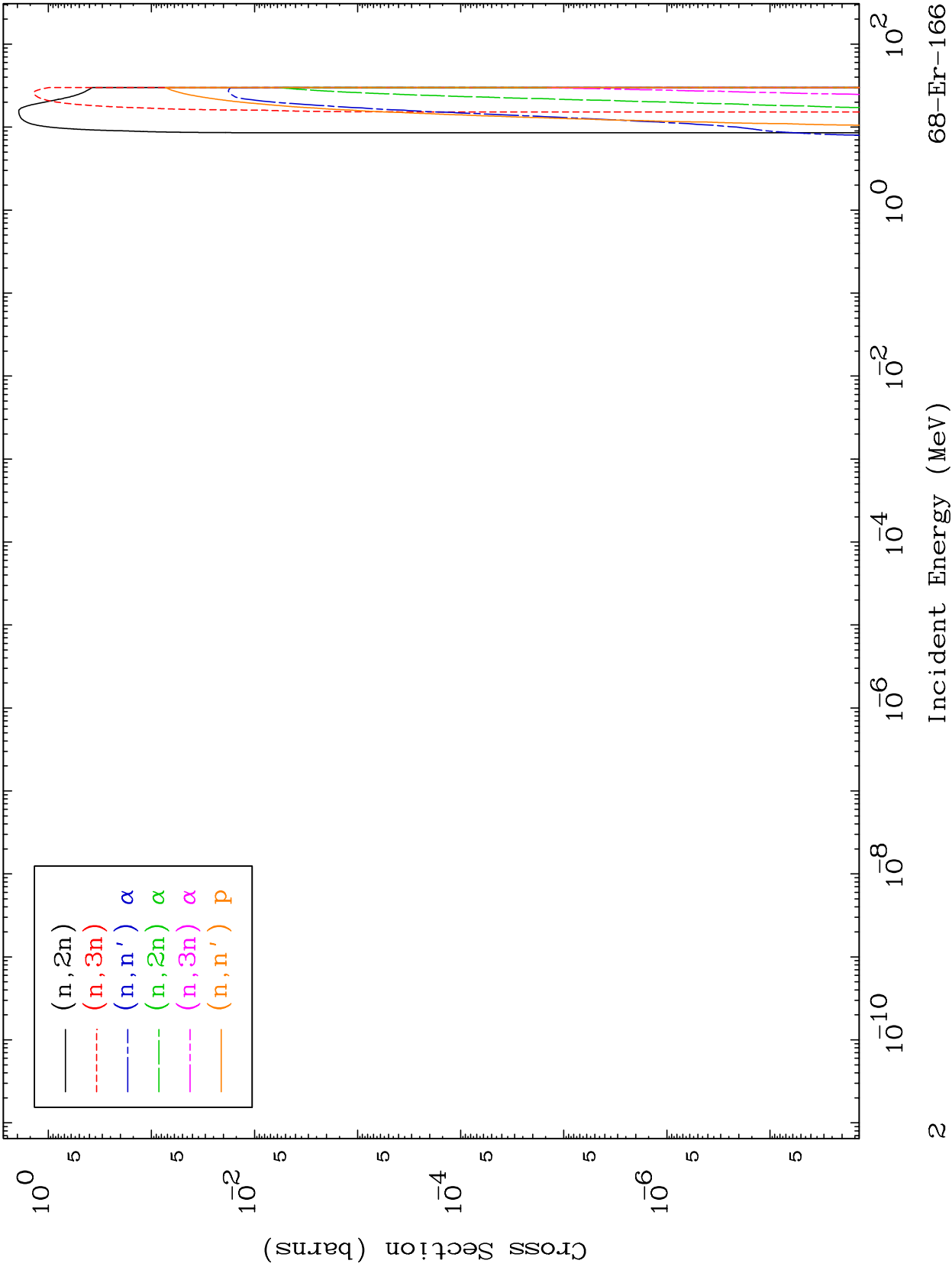
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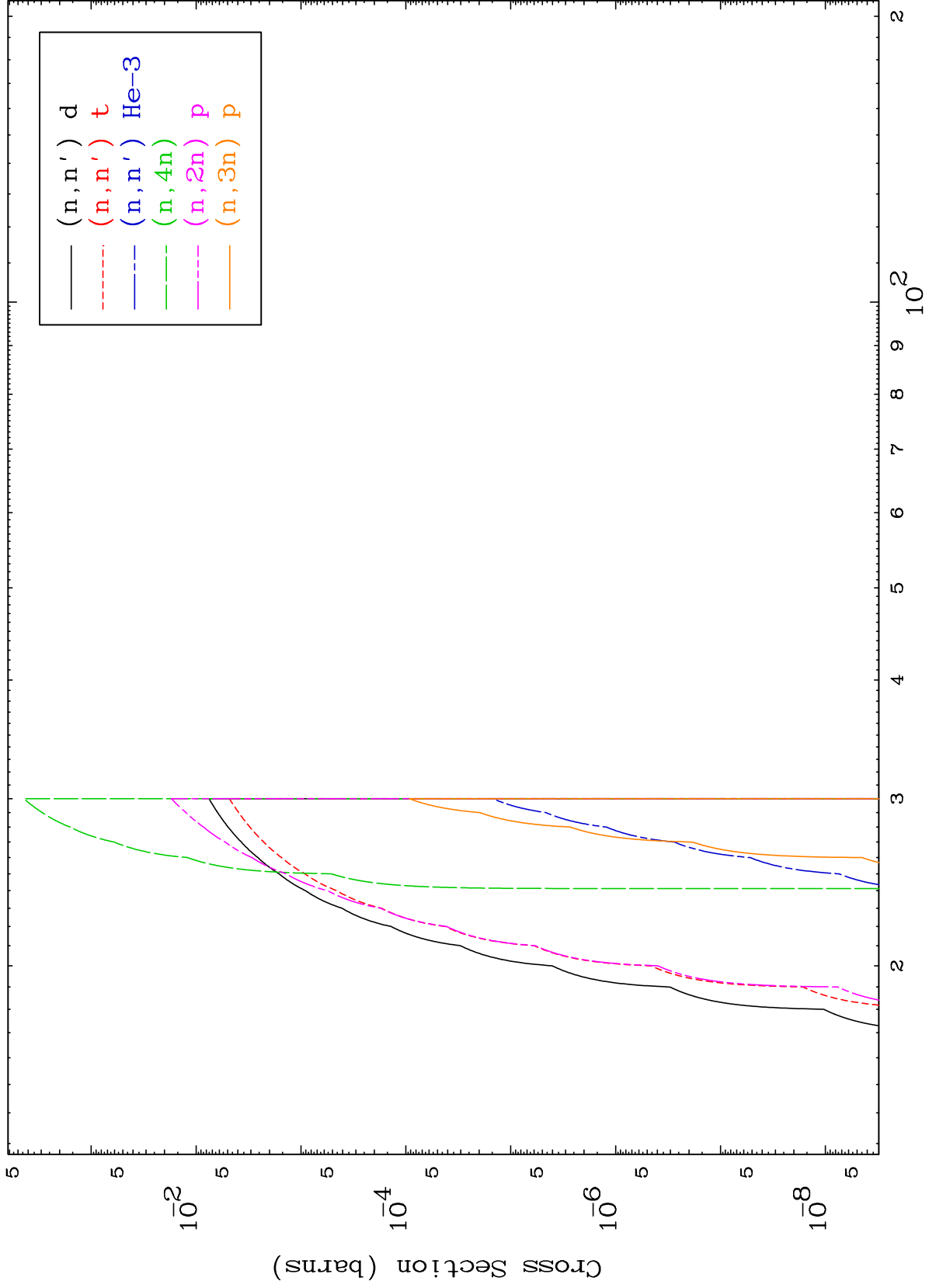


MAT 6837

Neutron Production
293 Kelvin Cross Sections

68-Er-166

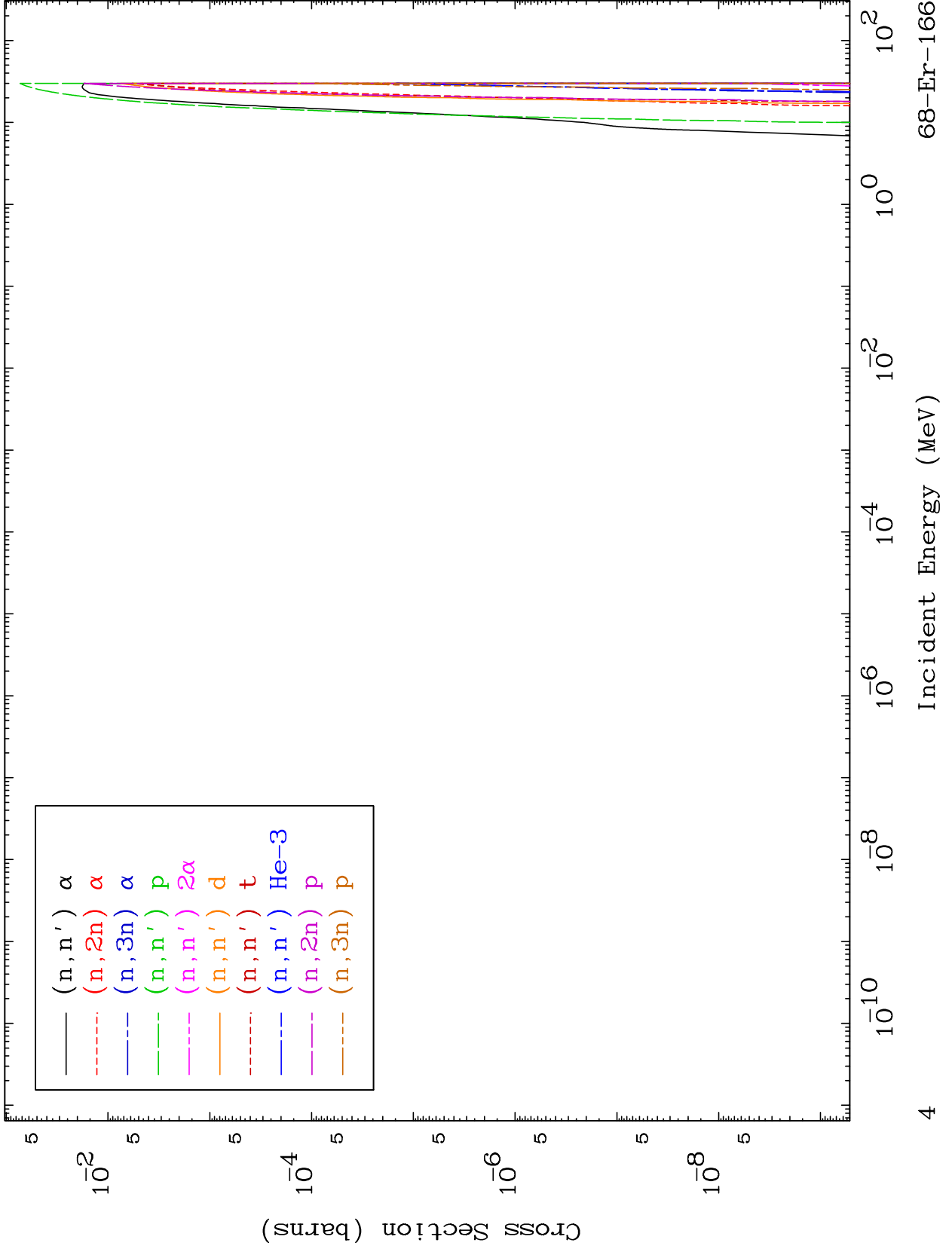




MAT 6837

Charged Particle
293 Kelvin Cross Sections

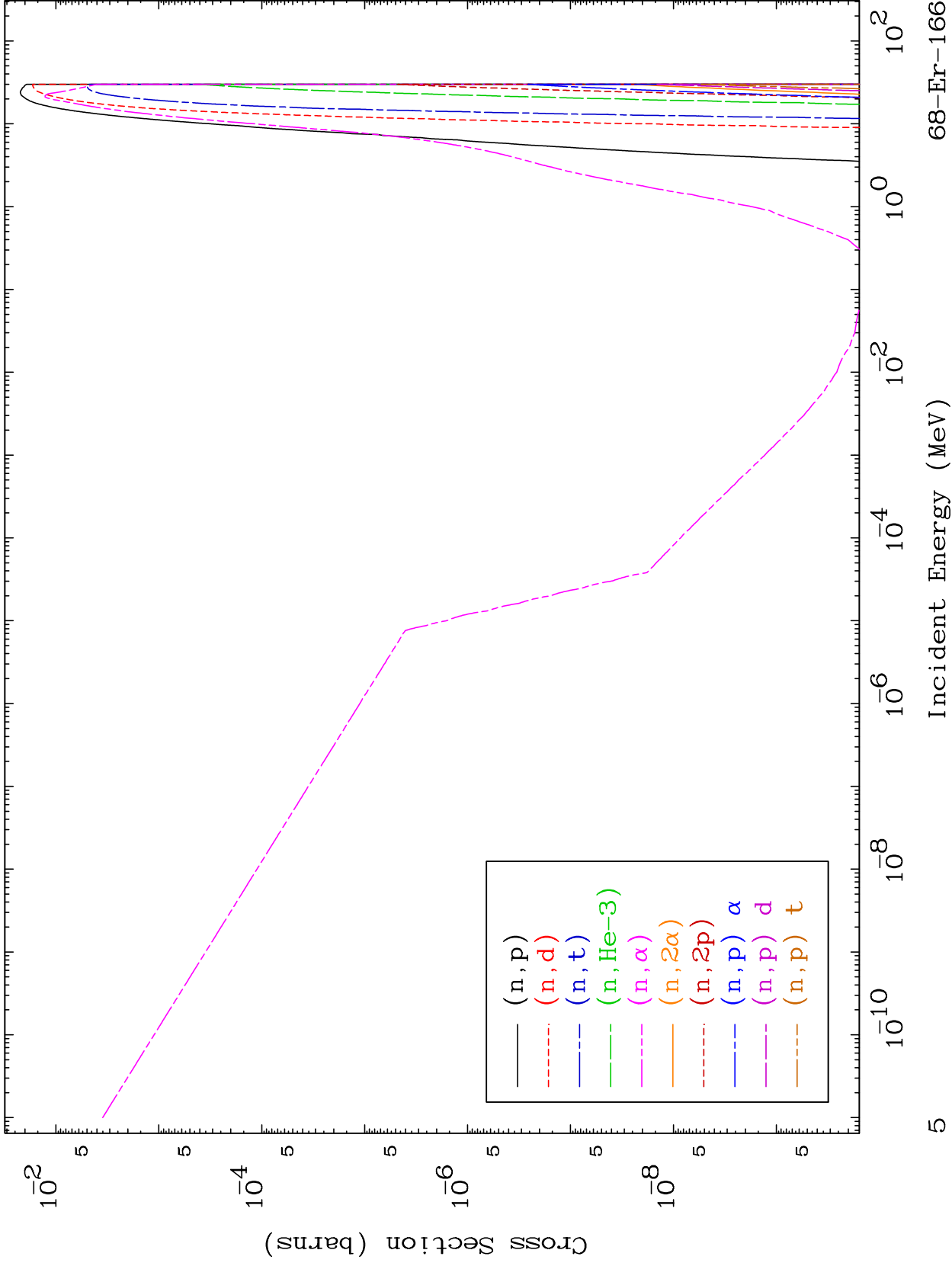
68-Er-166



MAT 6837

Charged Particle
293 Kelvin Cross Sections

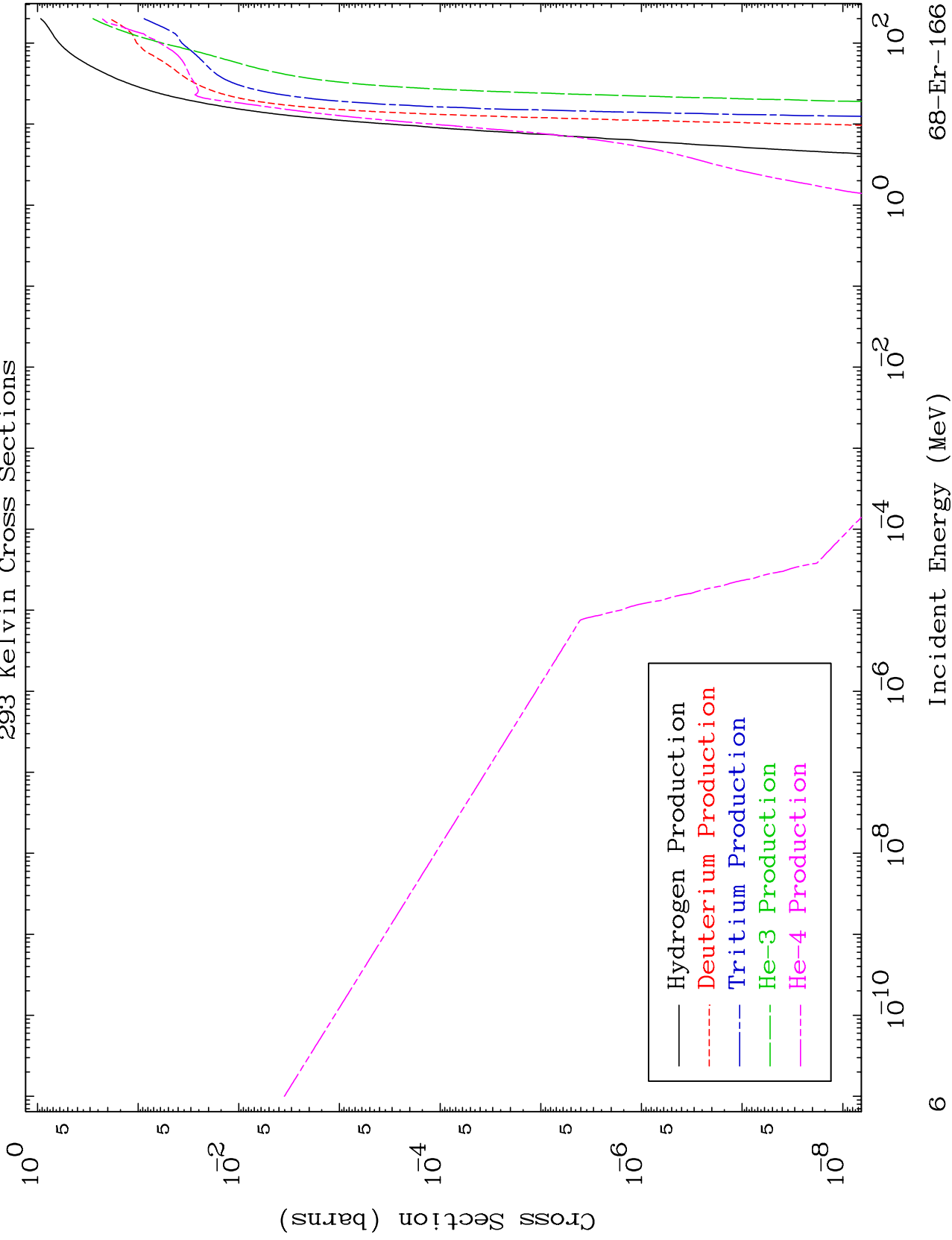
68-Er-166



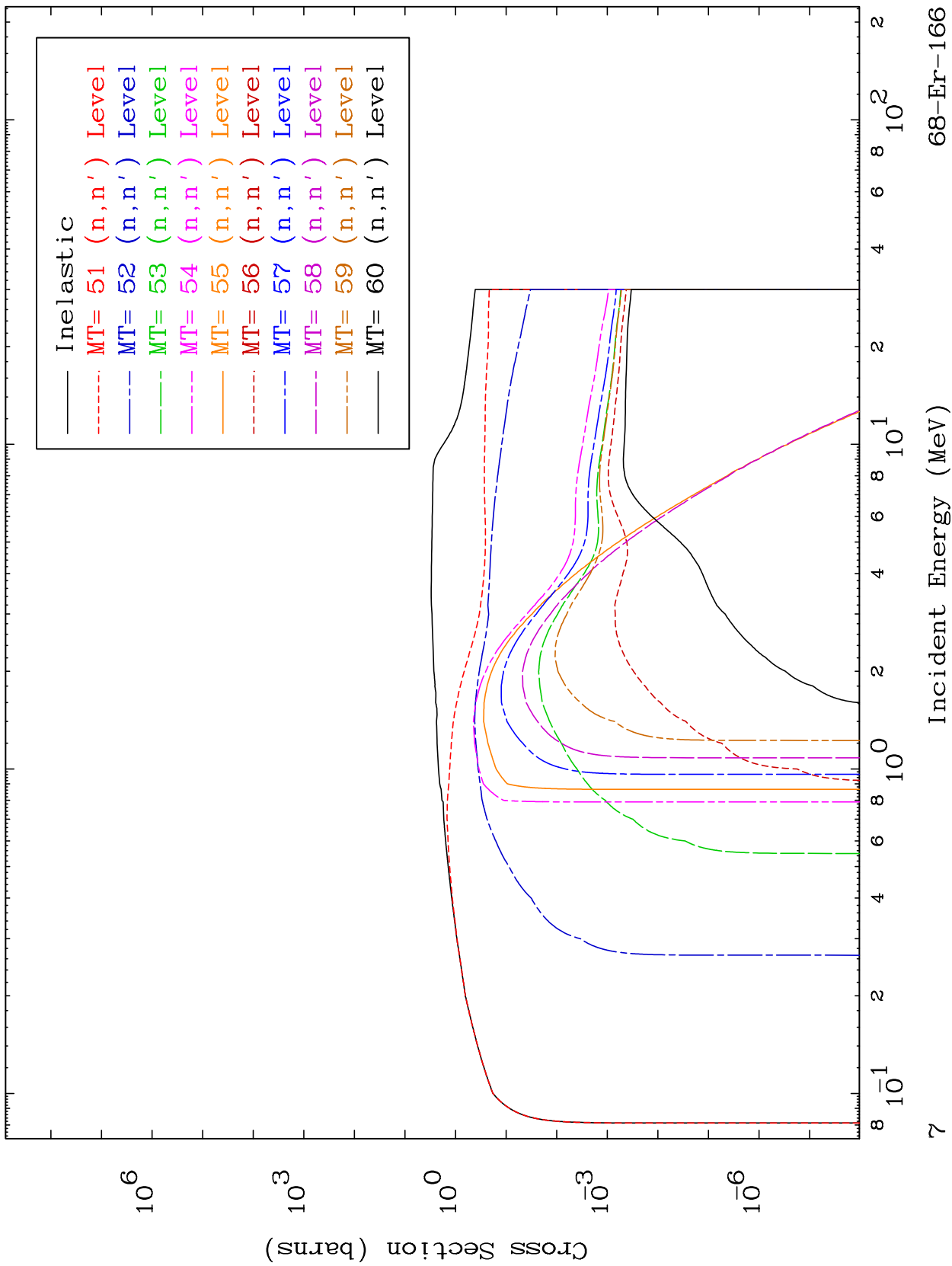
MAT 6837

Particle Production
293 Kelvin Cross Sections

68-Er-166



293 Kelvin Cross Sections

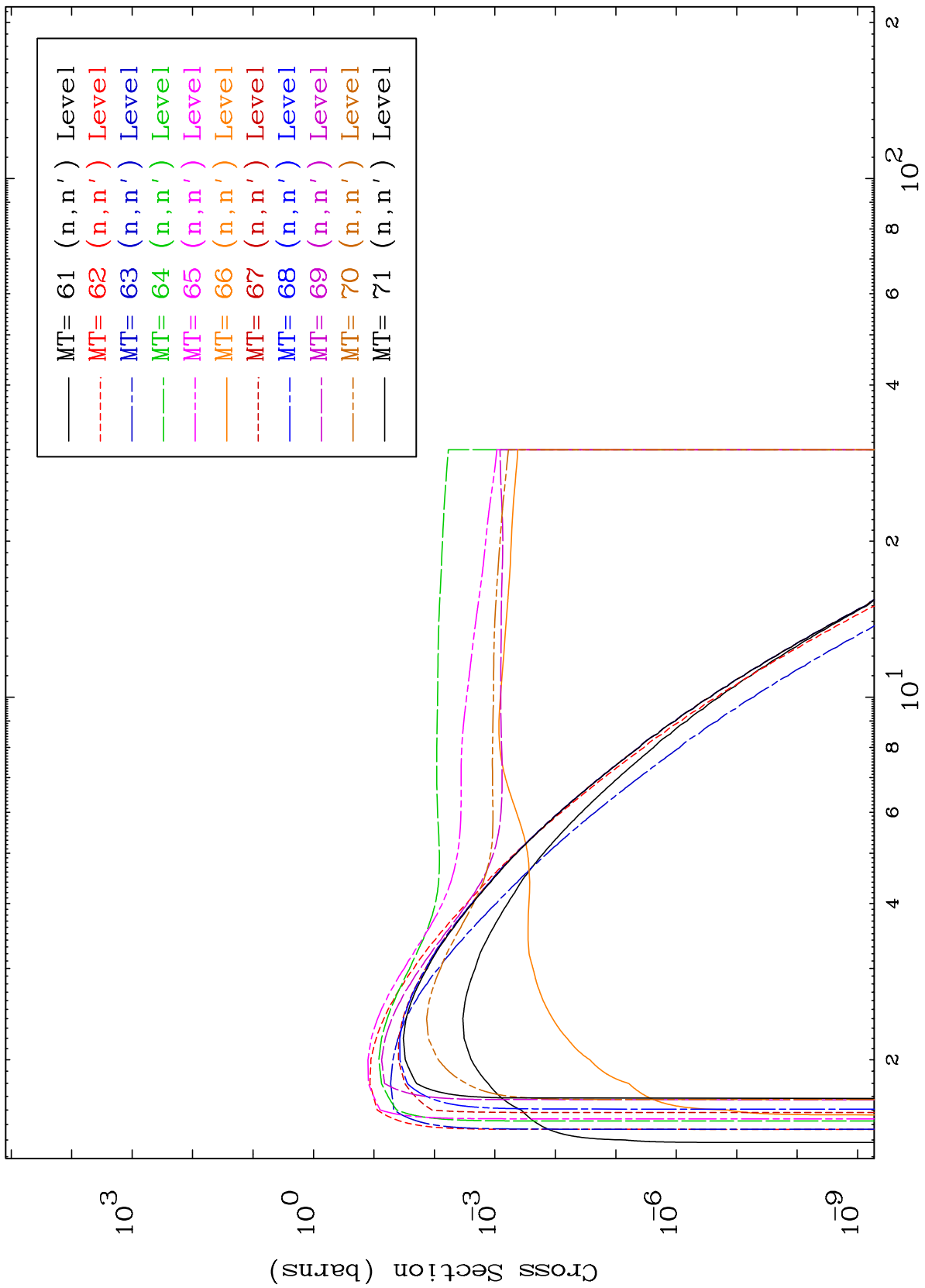


MAT 6837

(n,n') Level

68-Er-166

293 Kelvin Cross Sections

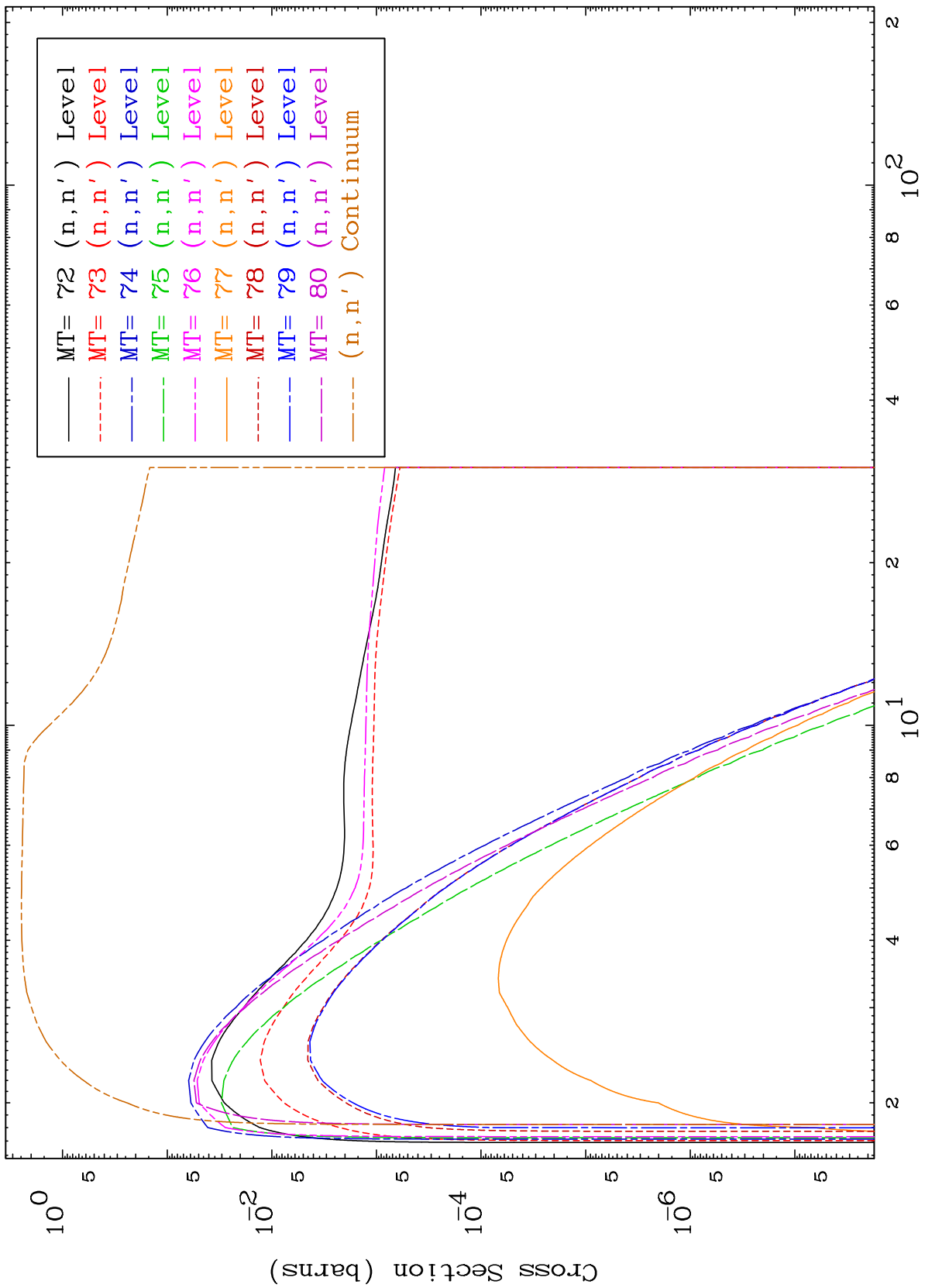


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Incident Energy (MeV)

68-Er-166

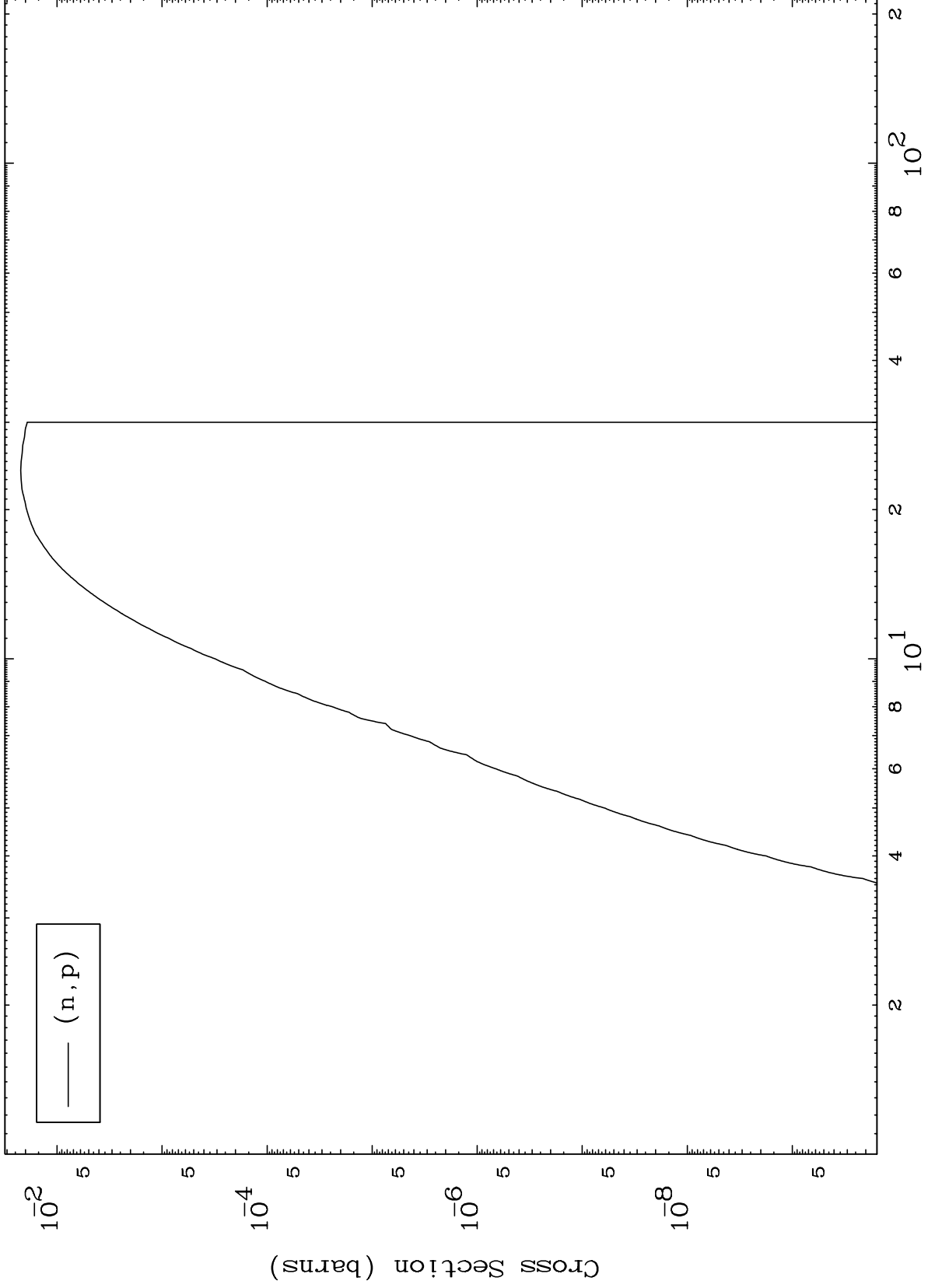
293 Kelvin Cross Sections



MAT 6837

(n,p) Levels
293 Kelvin Cross Sections

68-Er-166



(n,p)

10

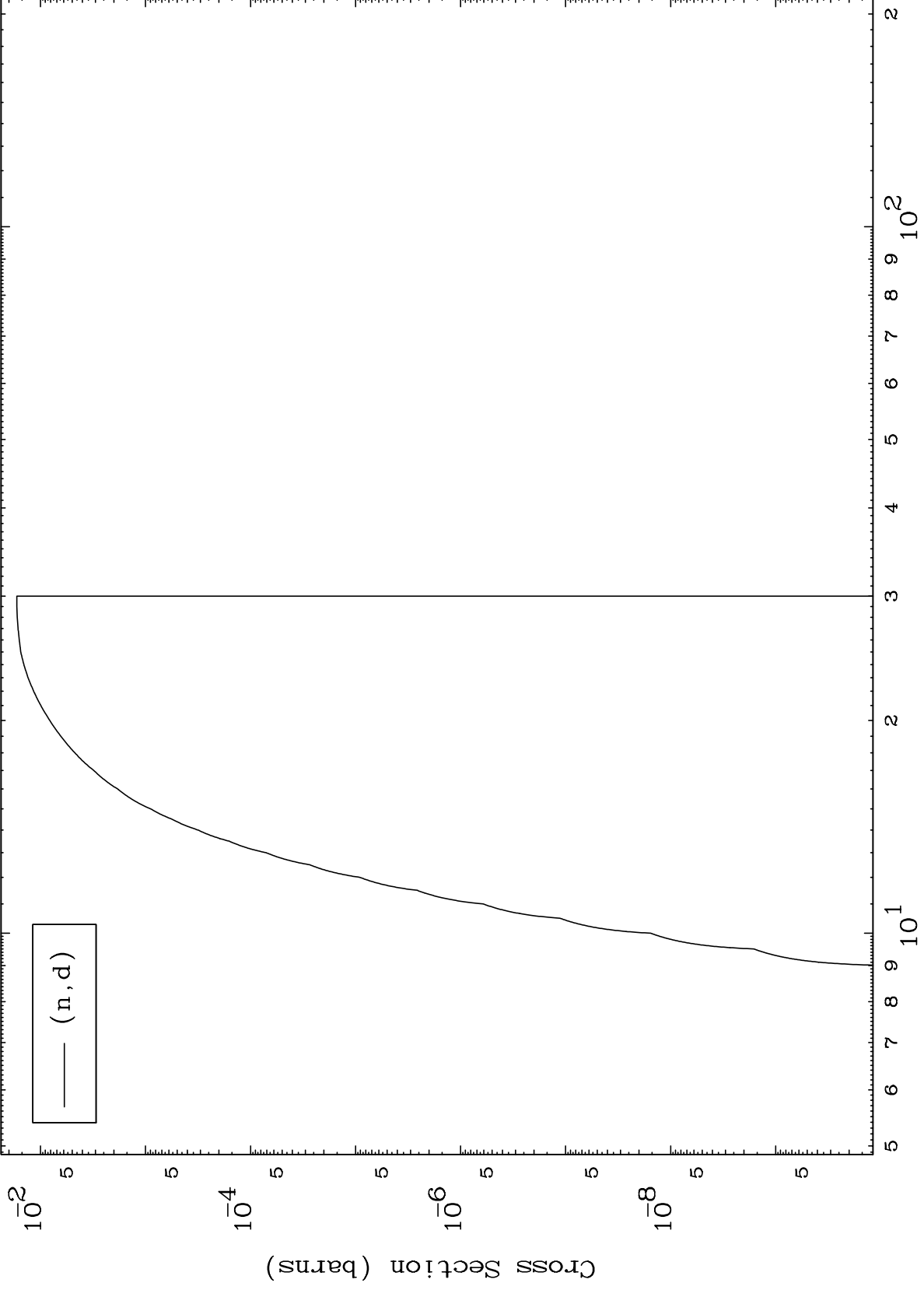
Incident Energy (MeV)

68-Er-166

MAT 6837

(n,d) Levels
293 Kelvin Cross Sections

68-Er-166



11

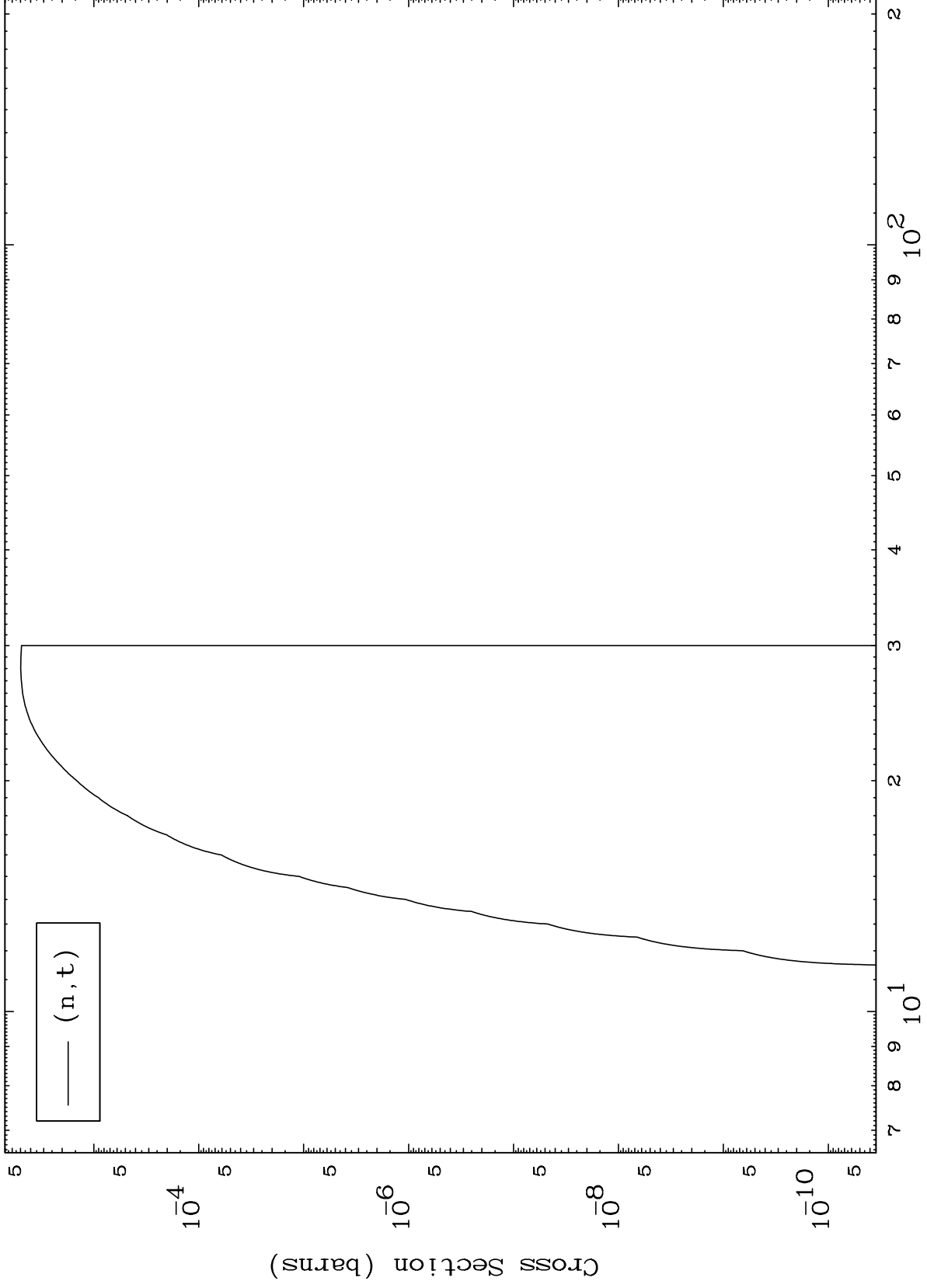
Incident Energy (MeV)

68-Er-166

MAT 6837

(n,t) Levels
293 Kelvin Cross Sections

68-Er-166



12

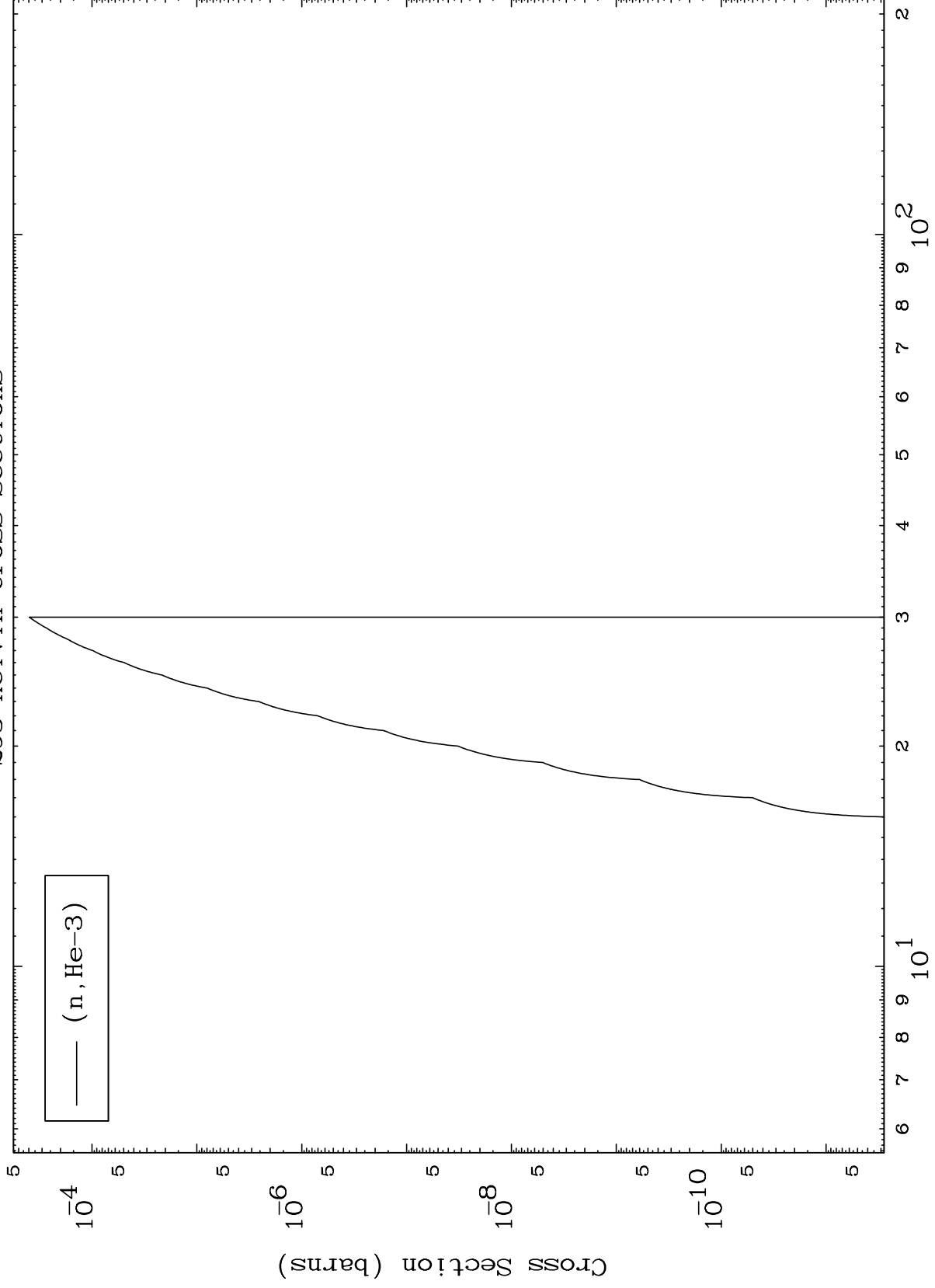
Incident Energy (MeV)

68-Er-166

MAT 6837

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-166



13

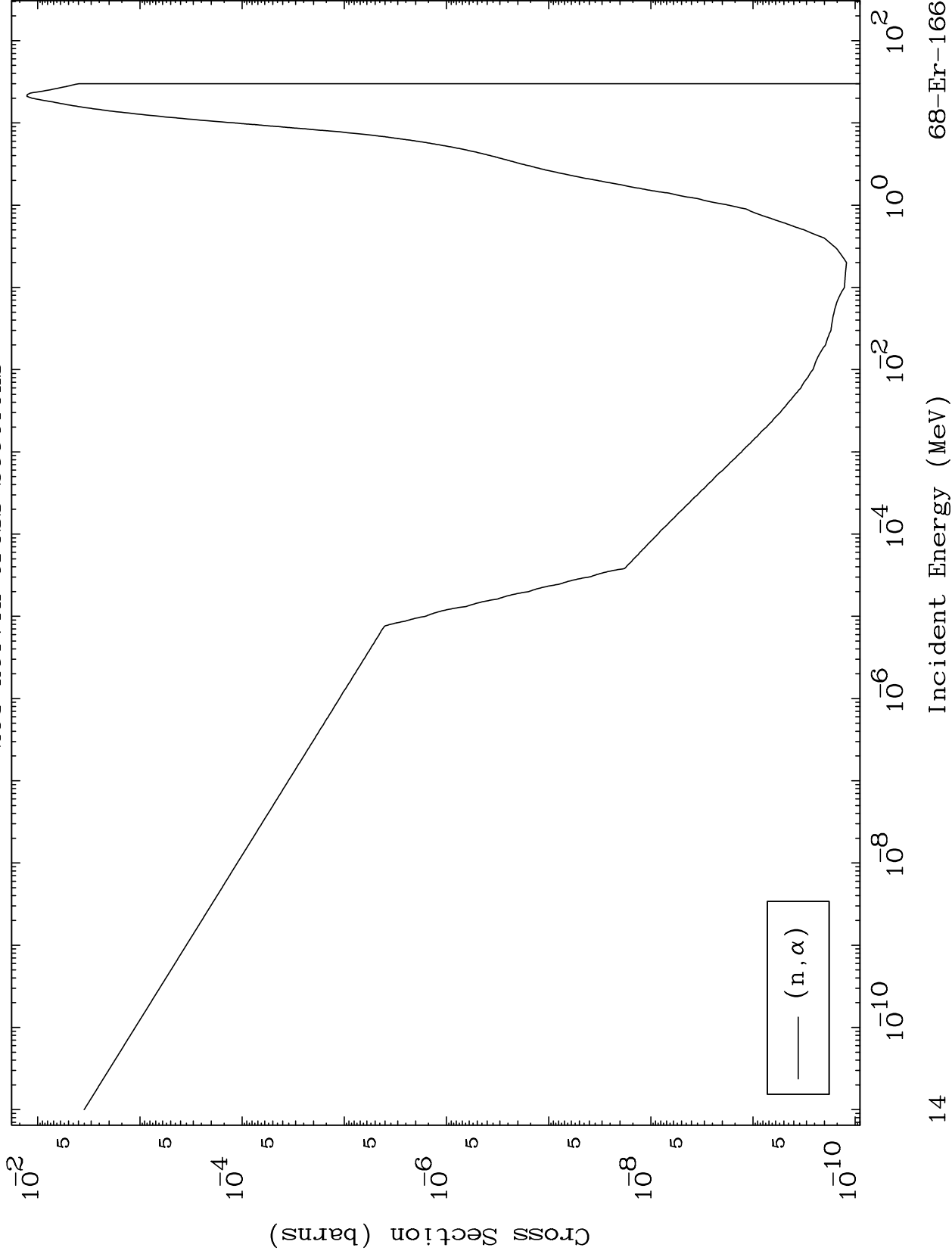
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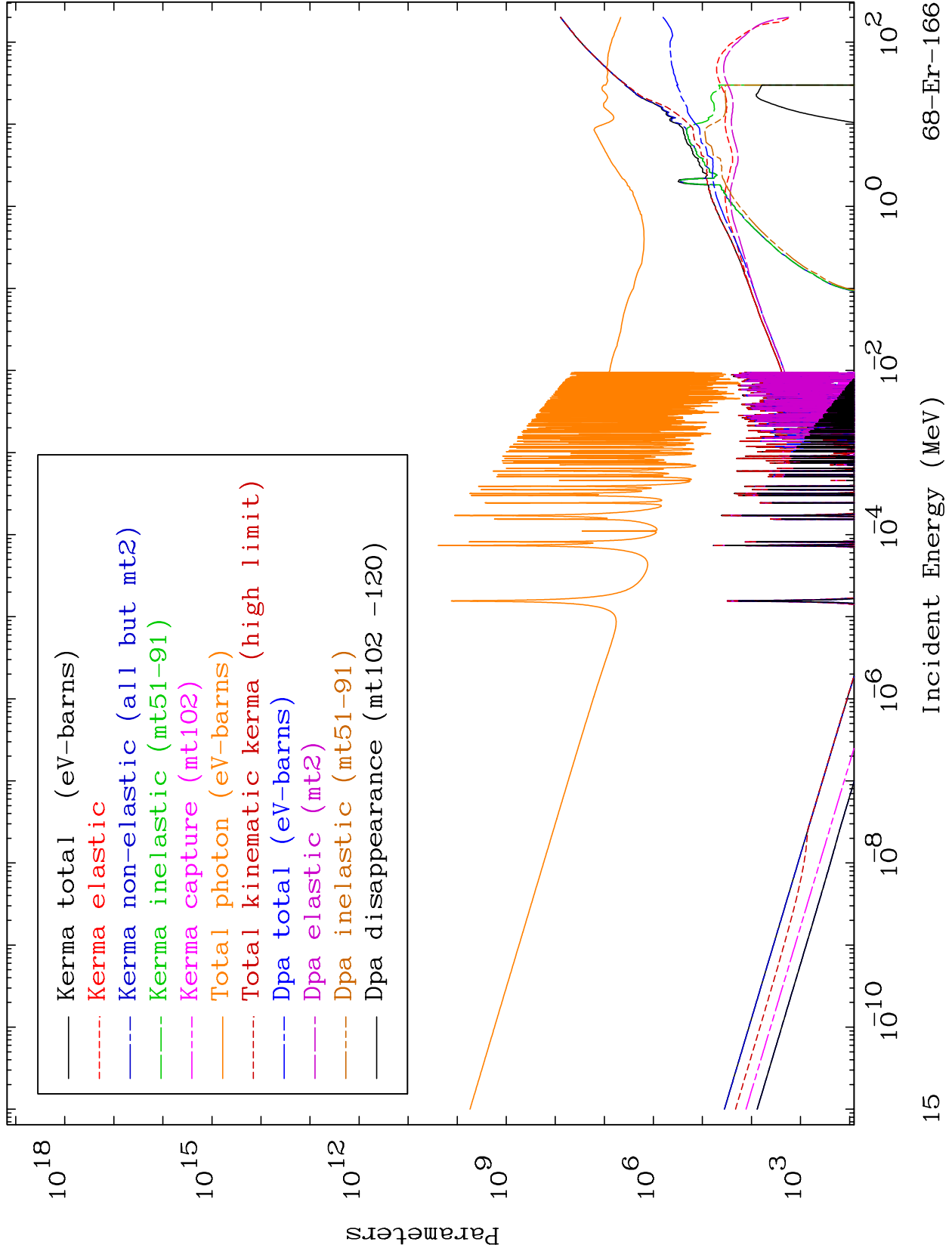
68-Er-166

MAT 6837

(n, α) Levels
293 Kelvin Cross Sections

68-Er-166

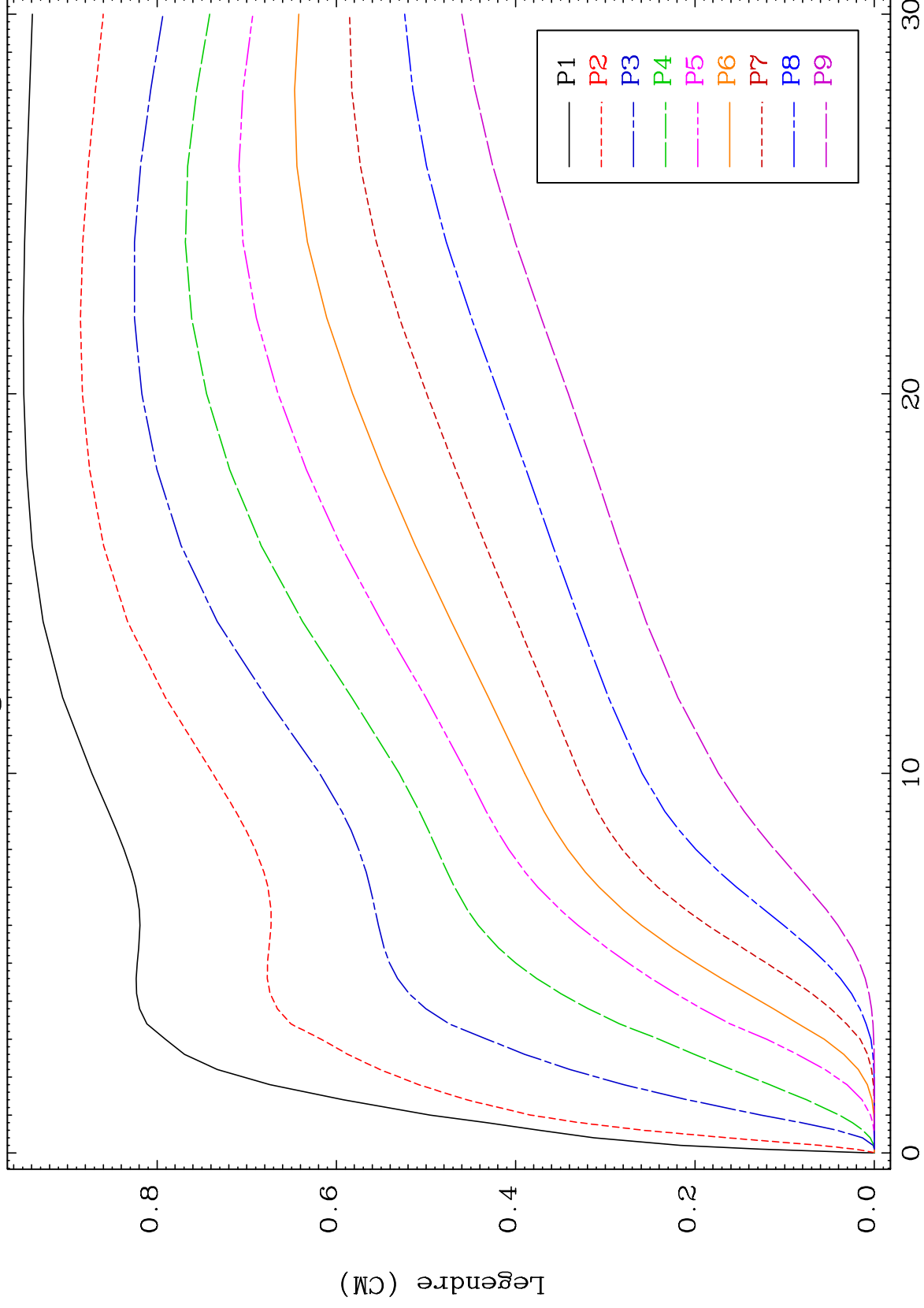




MAT 6837

Elastic Legendre Coefficients

68-Er-166



16

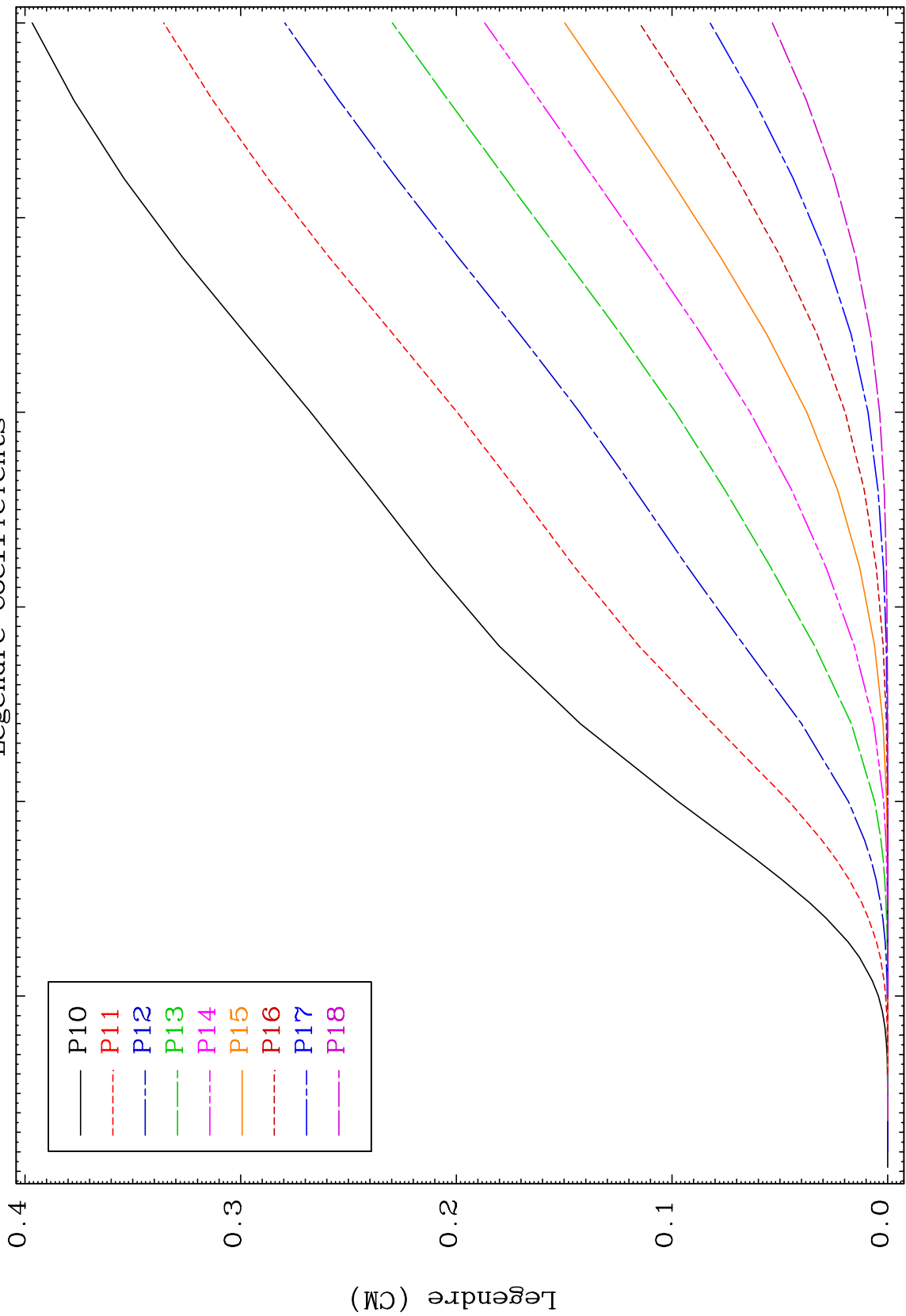
Incident Energy (MeV)

68-Er-166

MAT 6837

Elastic Legendre Coefficients

68-Er-166



17

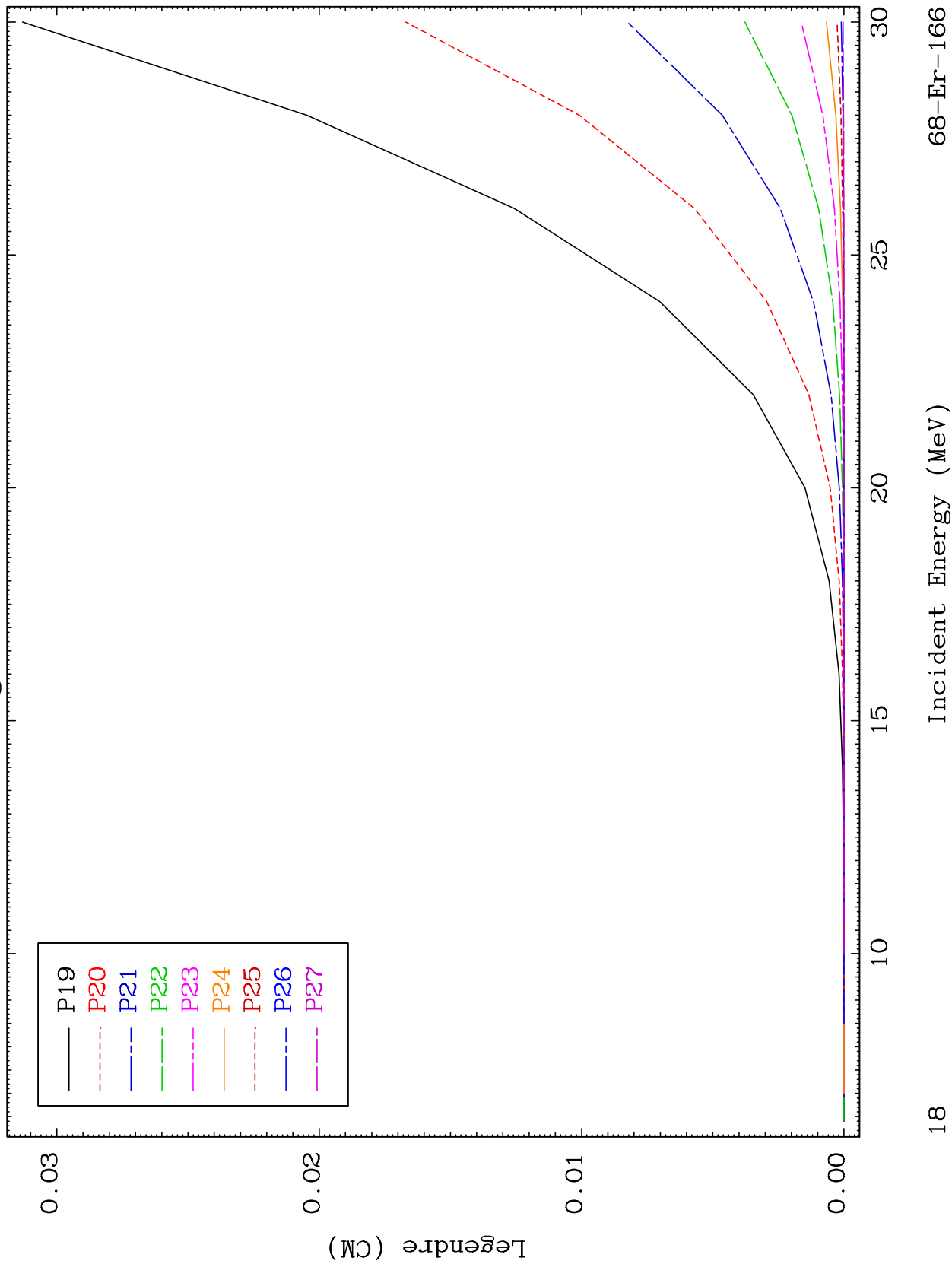
Incident Energy (MeV)

68-Er-166

MAT 6837

Elastic Legendre Coefficients

68-Er-166



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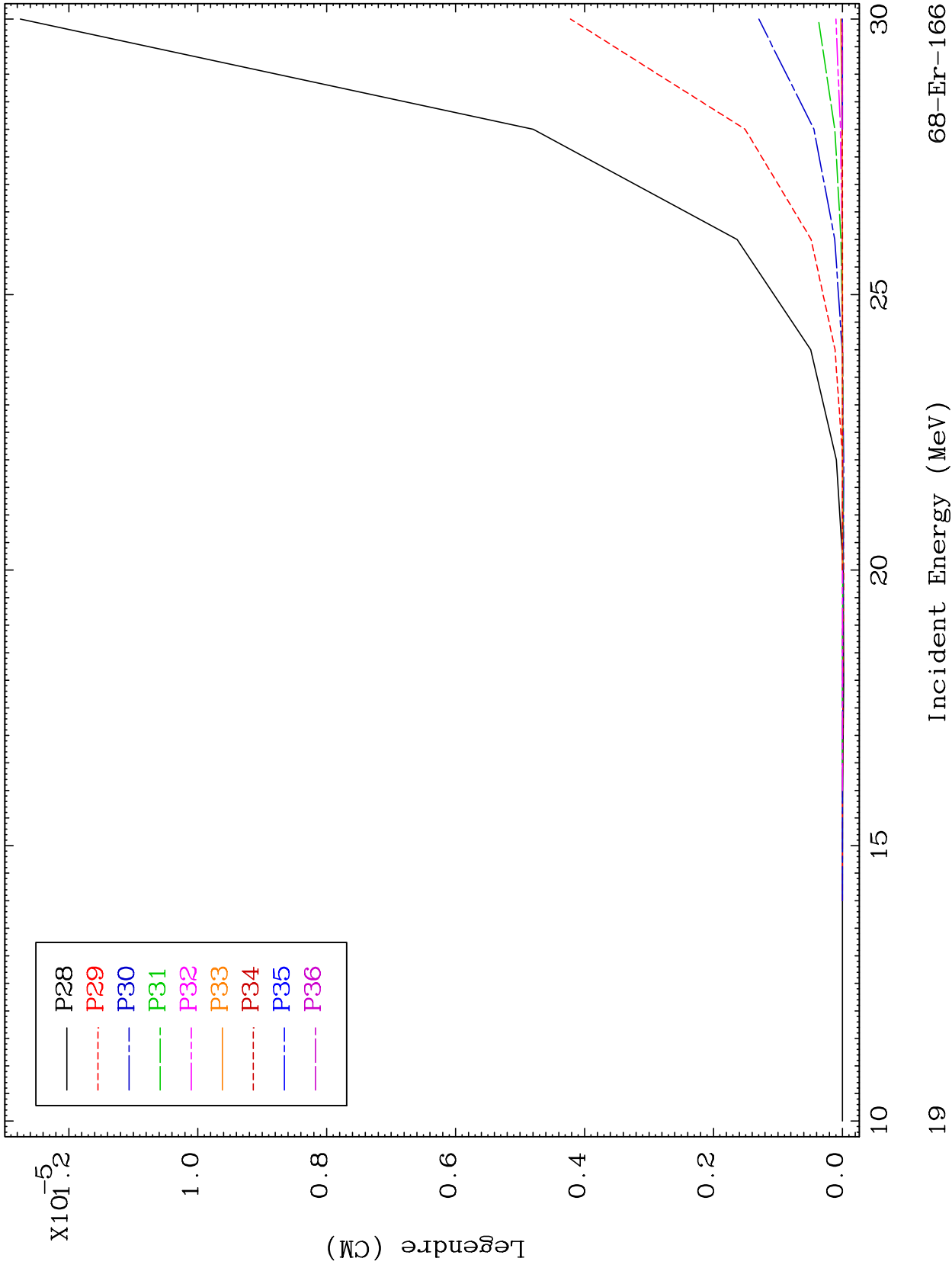
Incident Energy (MeV)

68-Er-166

MAT 6837

Elastic Legendre Coefficients

68-Er-166



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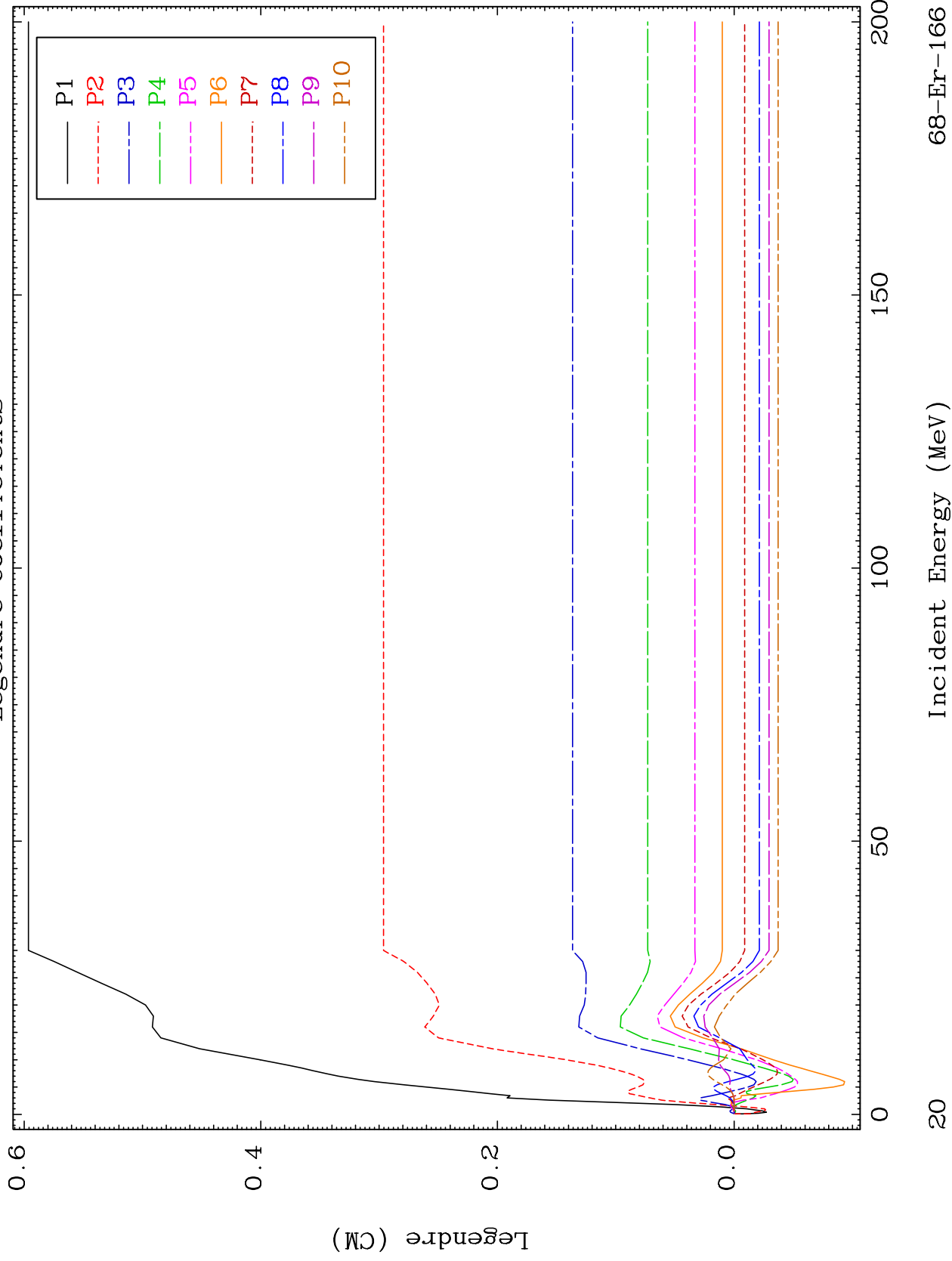
Incident Energy (MeV)

68-Er-166

MAT 6837

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

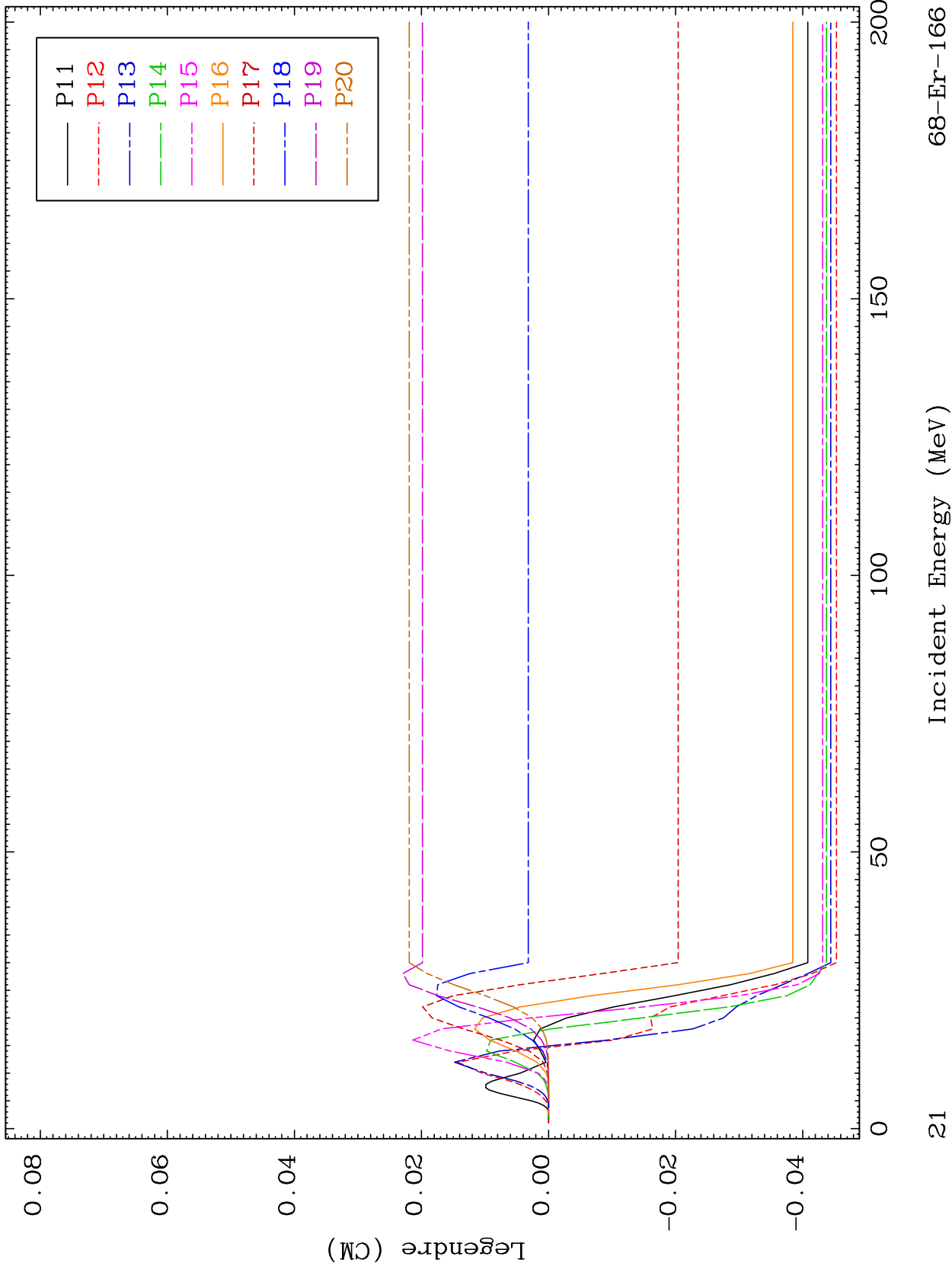
68-Er-166



MAT 6837

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

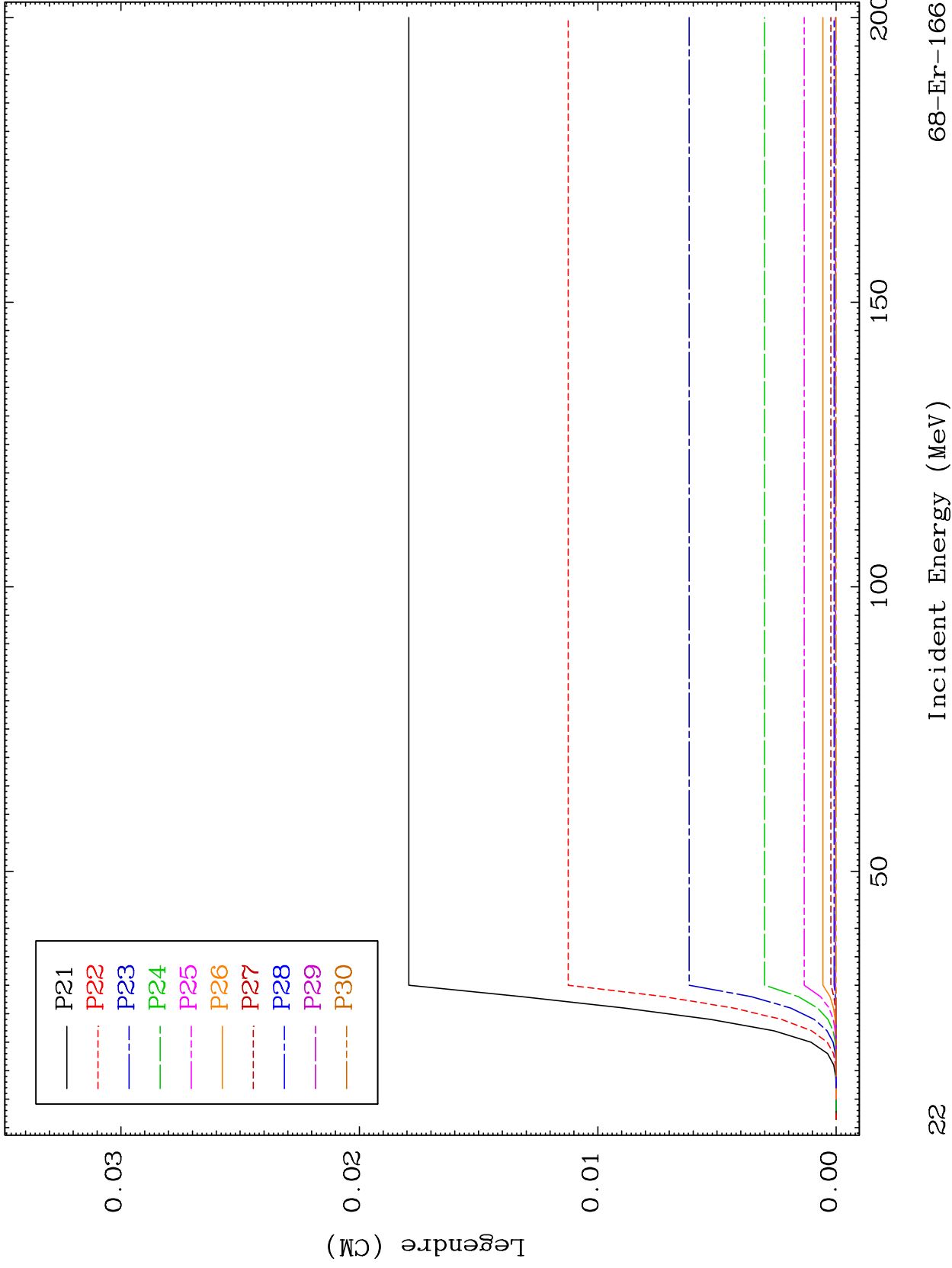
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Incident Energy (MeV)

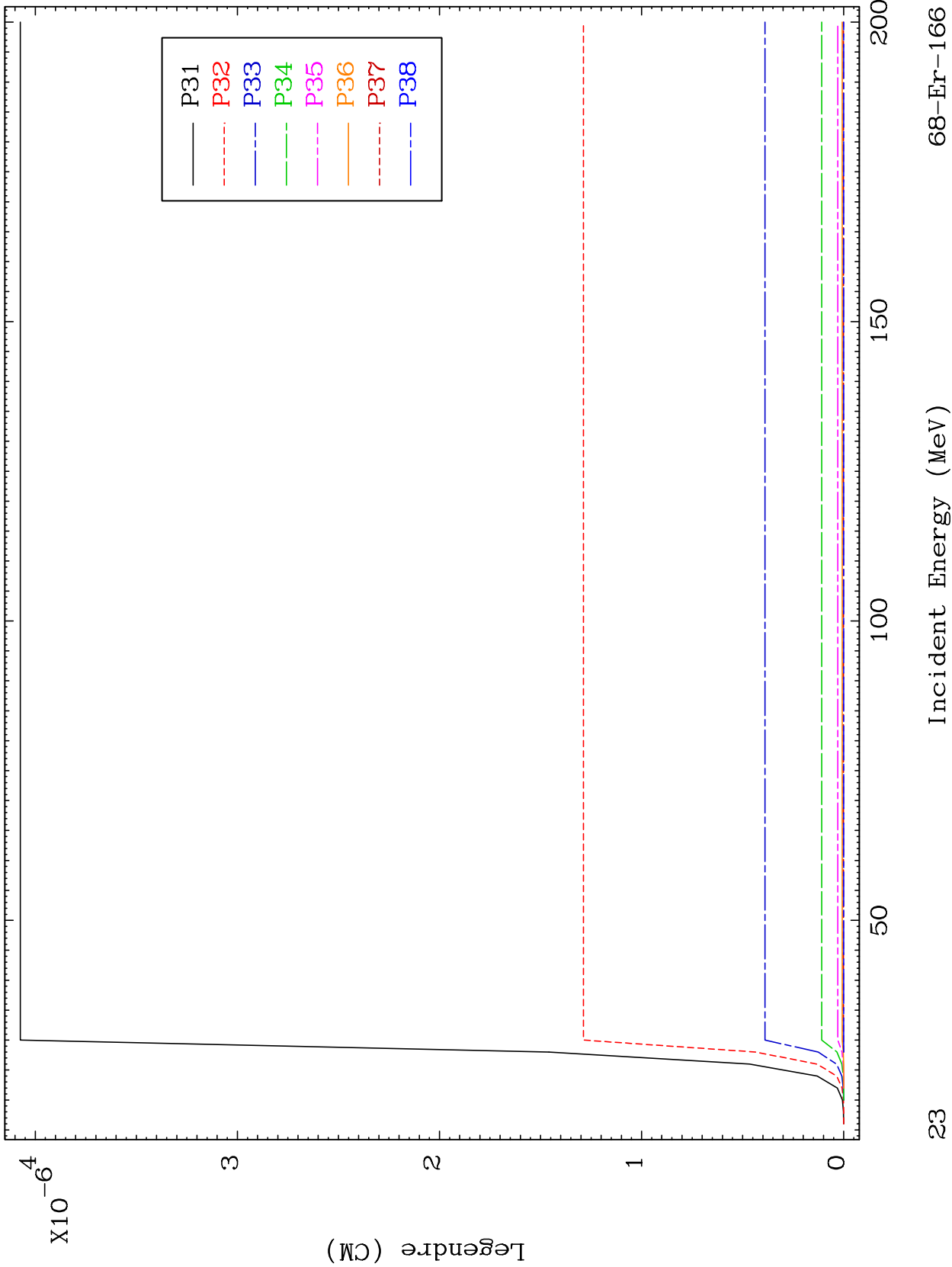
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MAT 6837

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

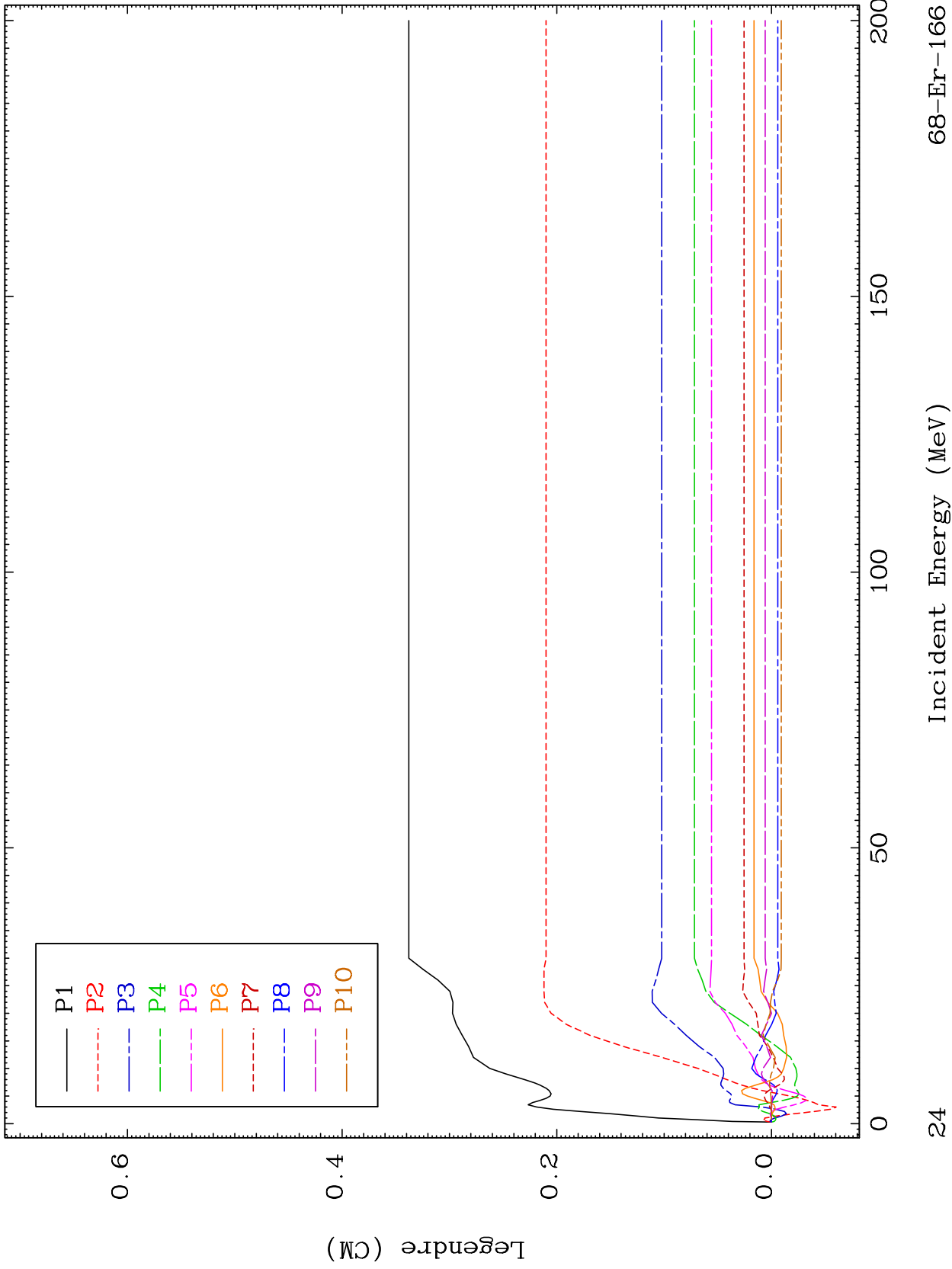
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23

Incident Energy (MeV)

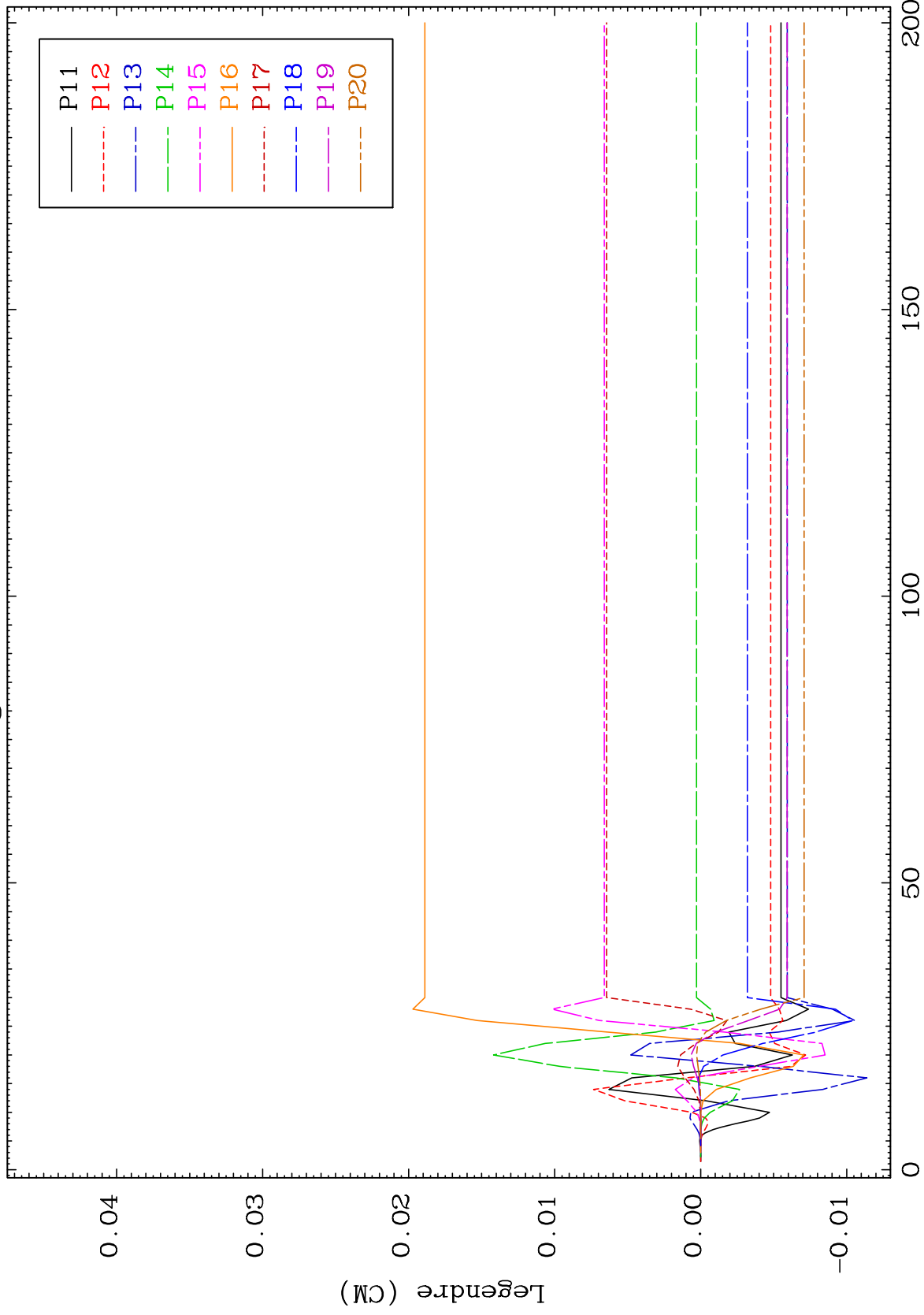
68-Er-166



MAT 6837

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

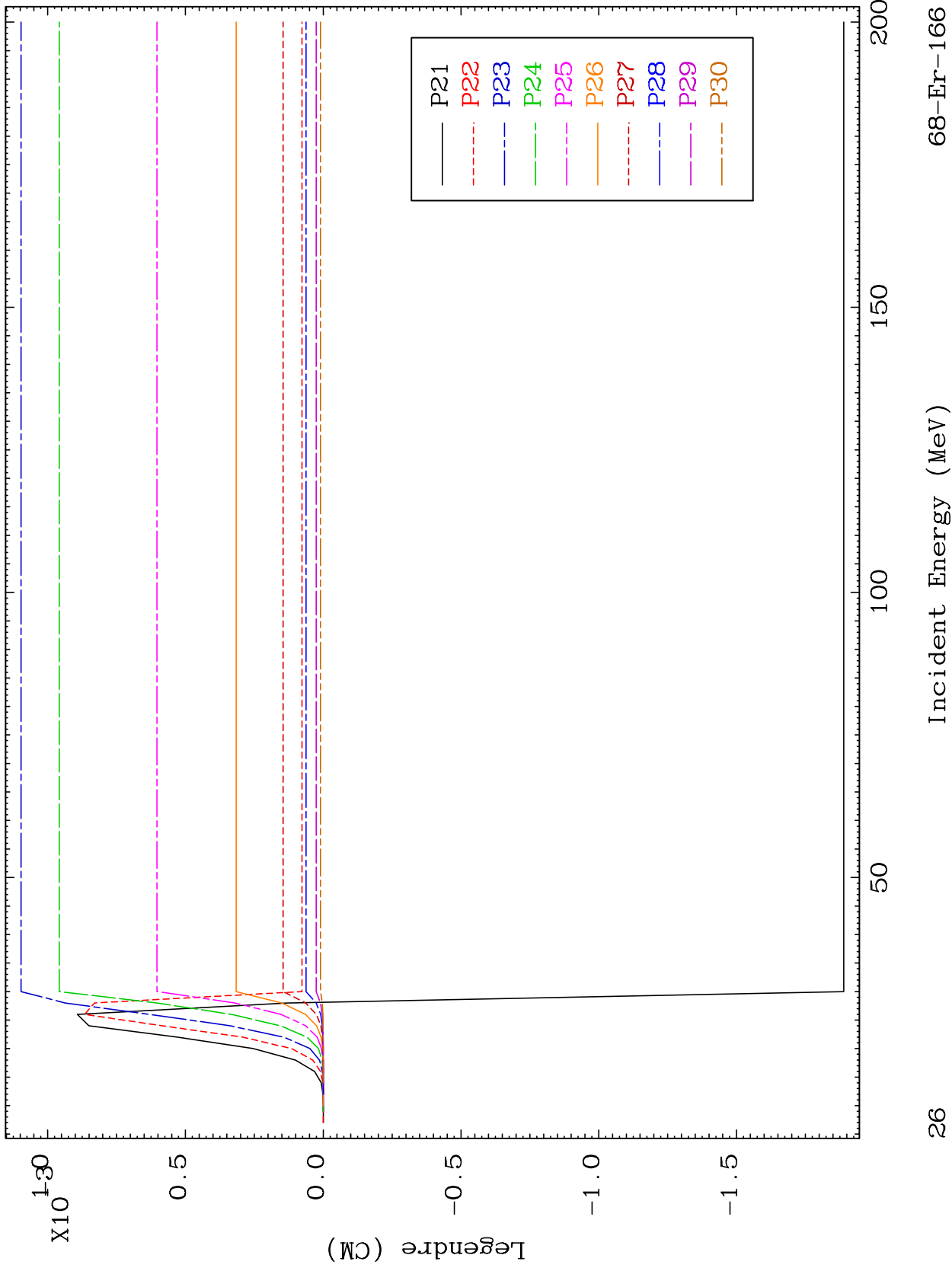
68-Er-166



68-Er-166

Incident Energy (MeV)

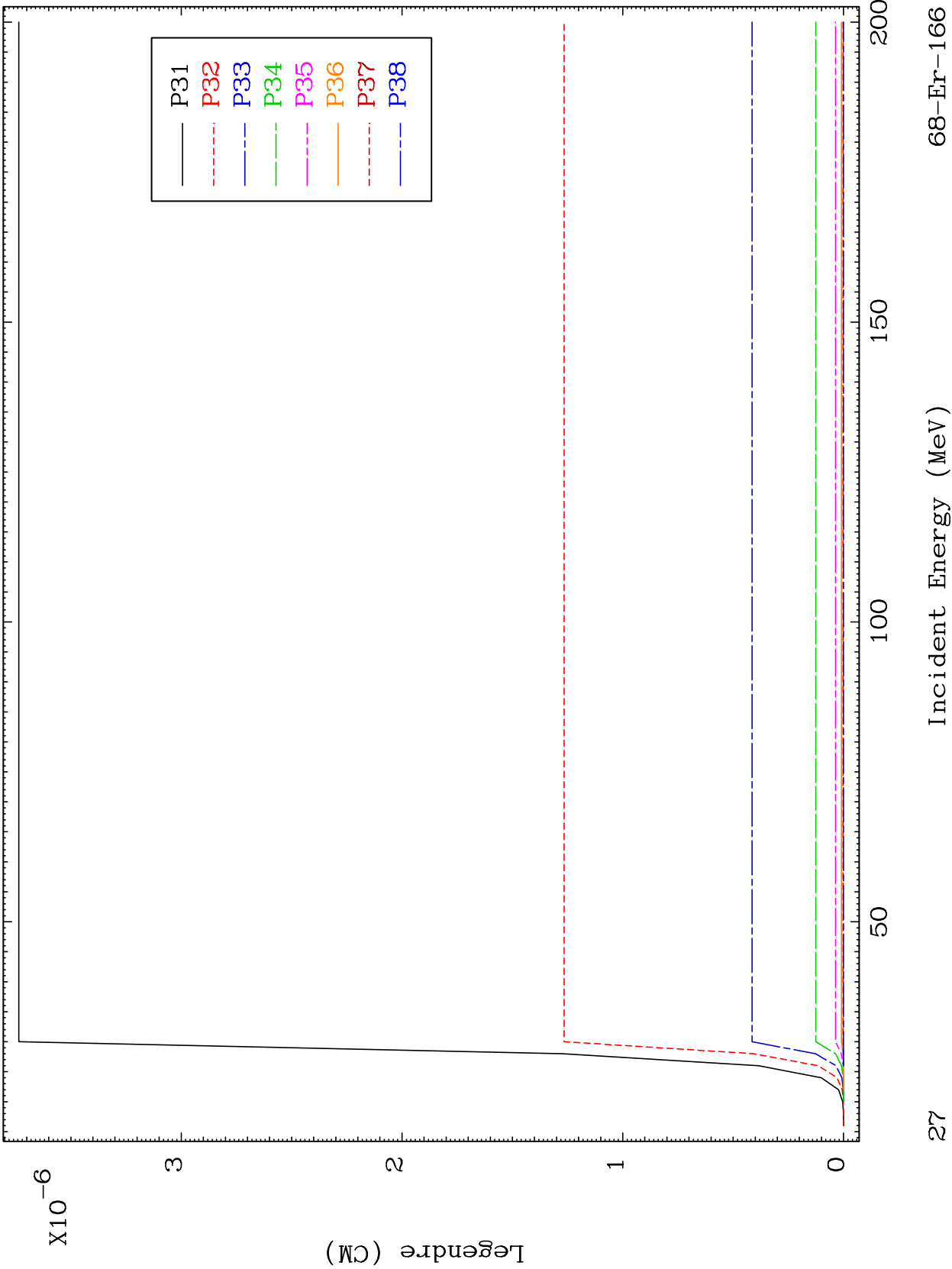
25



MAT 6837

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

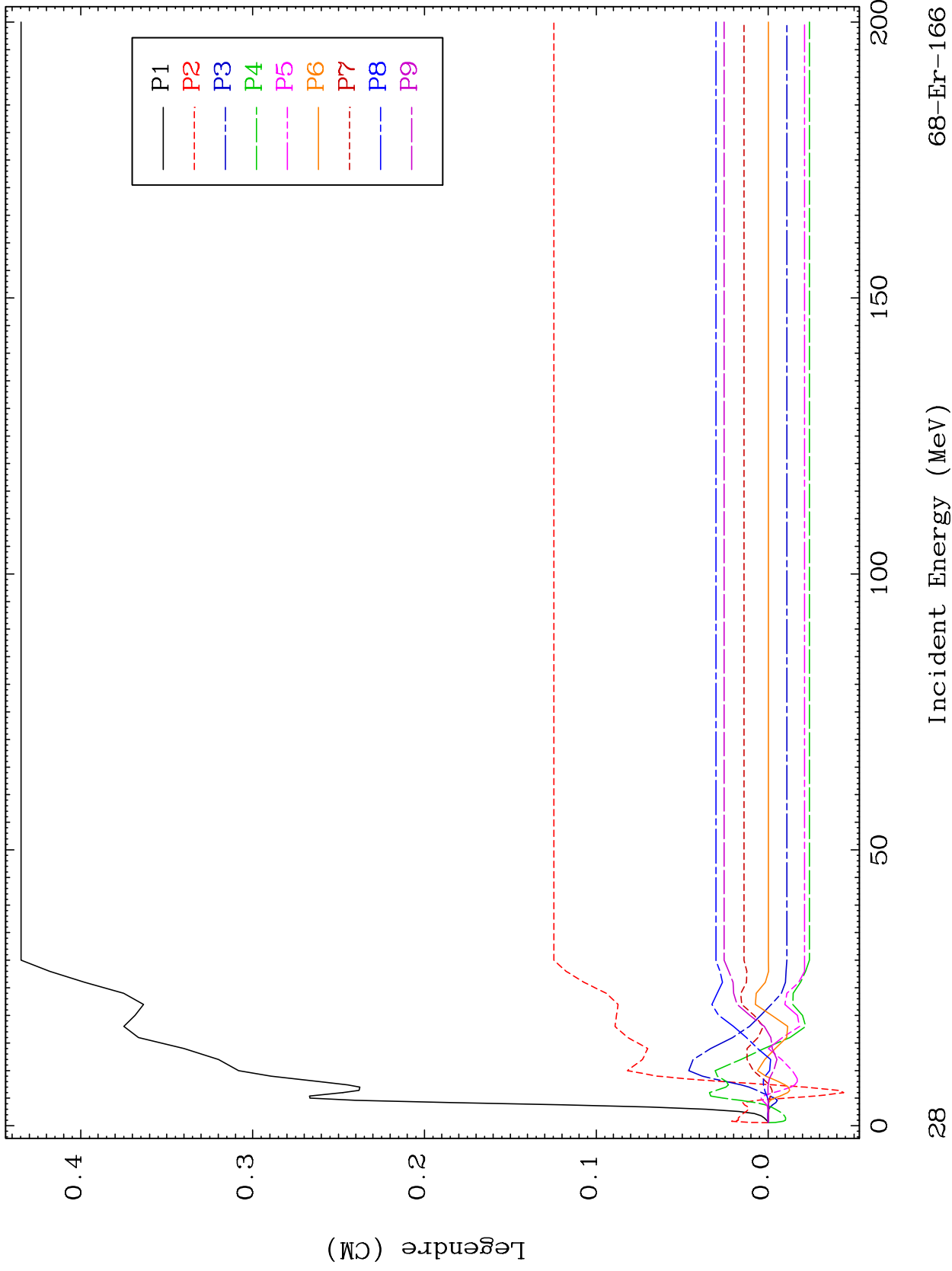
68-Er-166



MAT 6837

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

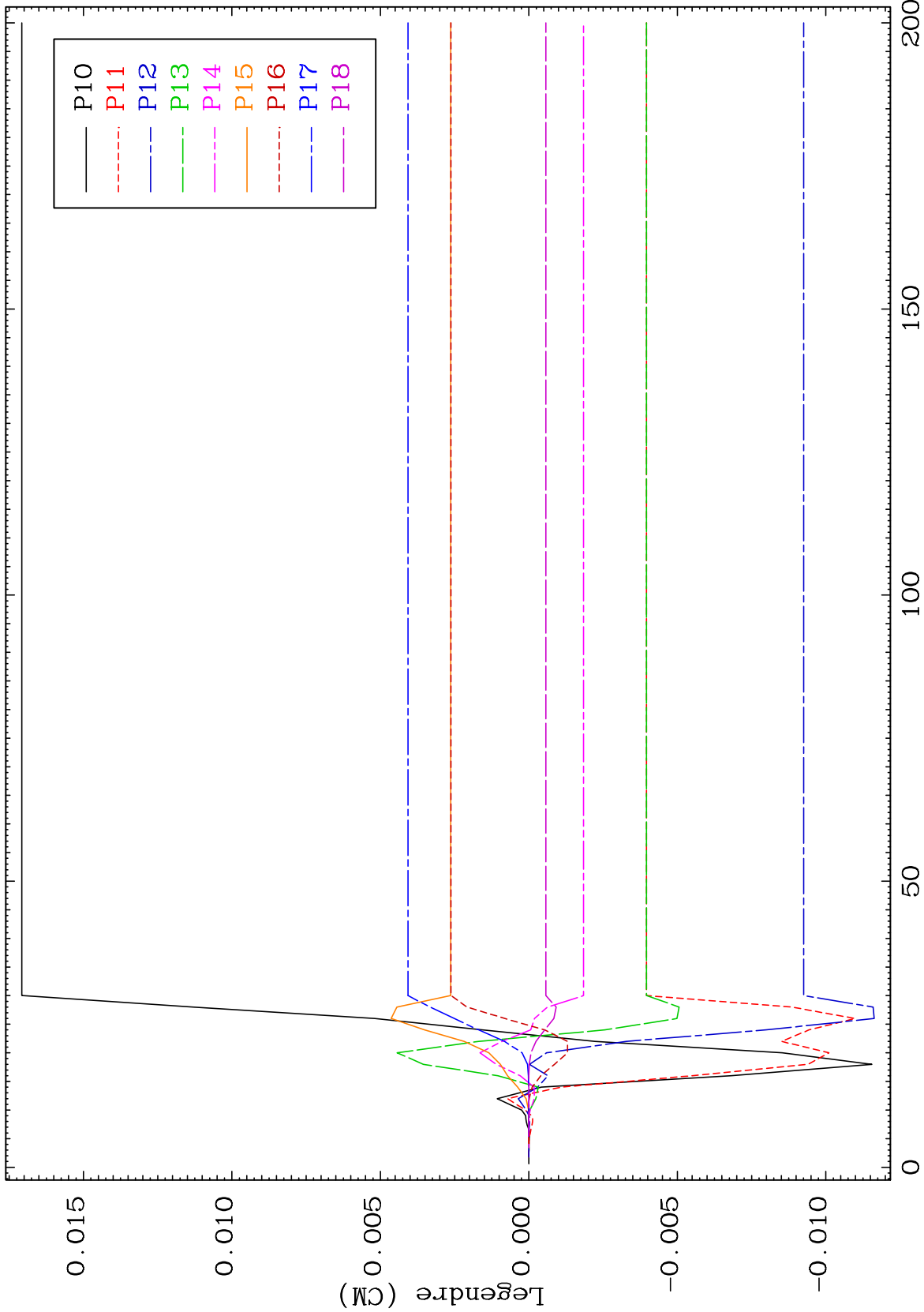
68-Er-166



68-Er-166

Incident Energy (MeV)

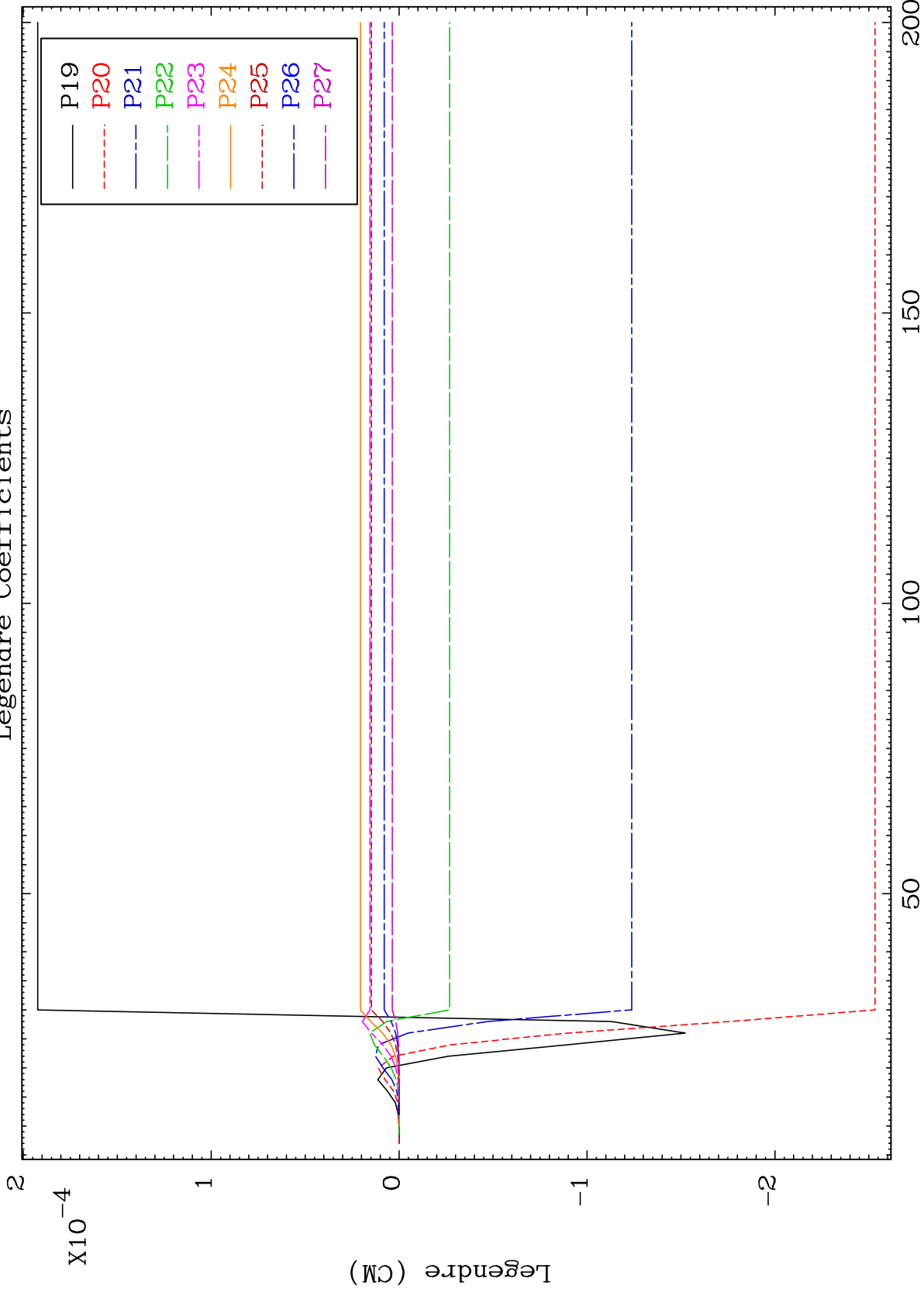
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MAT 6837

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

68-Er-166



30

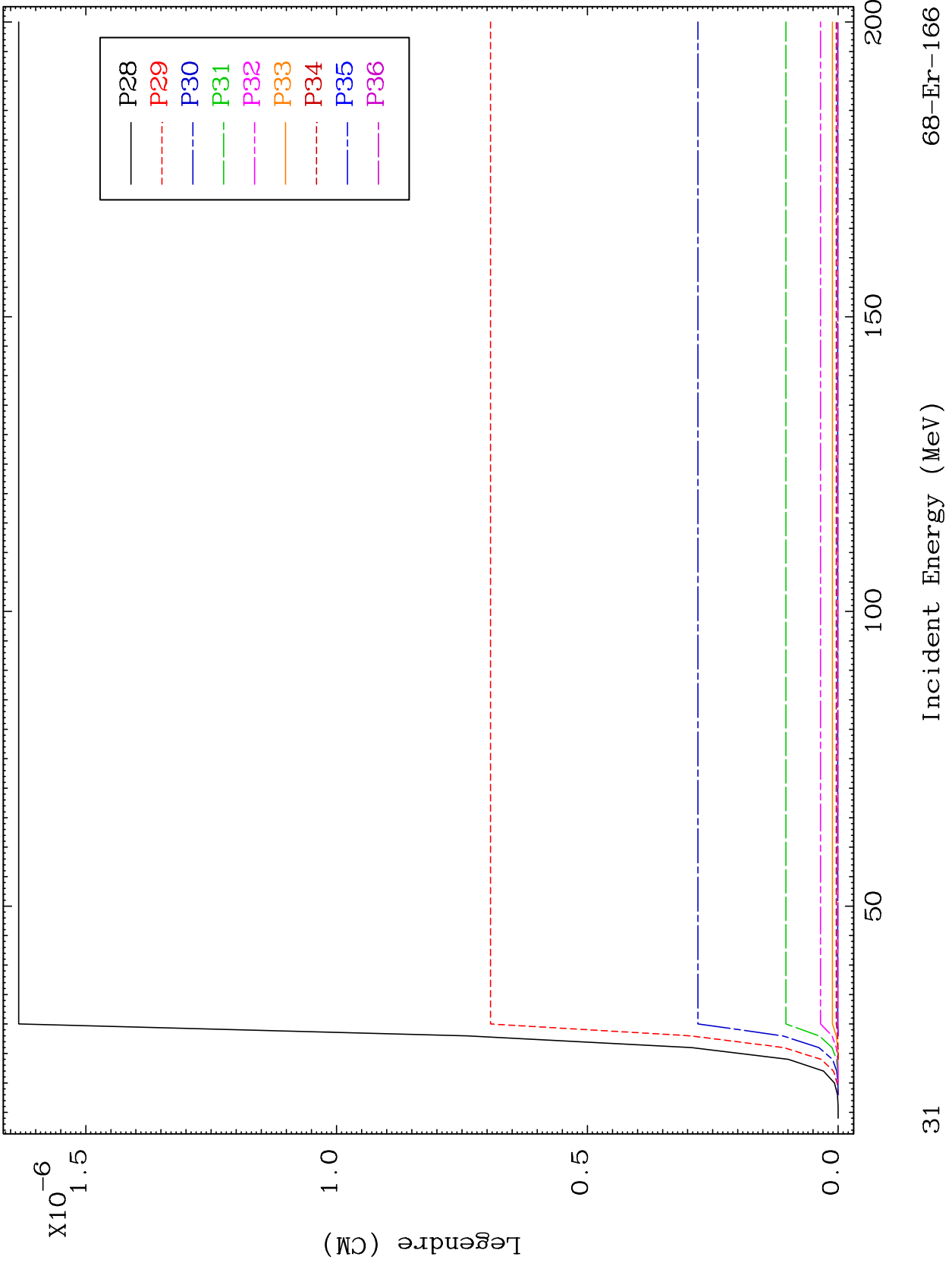
Incident Energy (MeV)

68-Er-166

MAT 6837

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

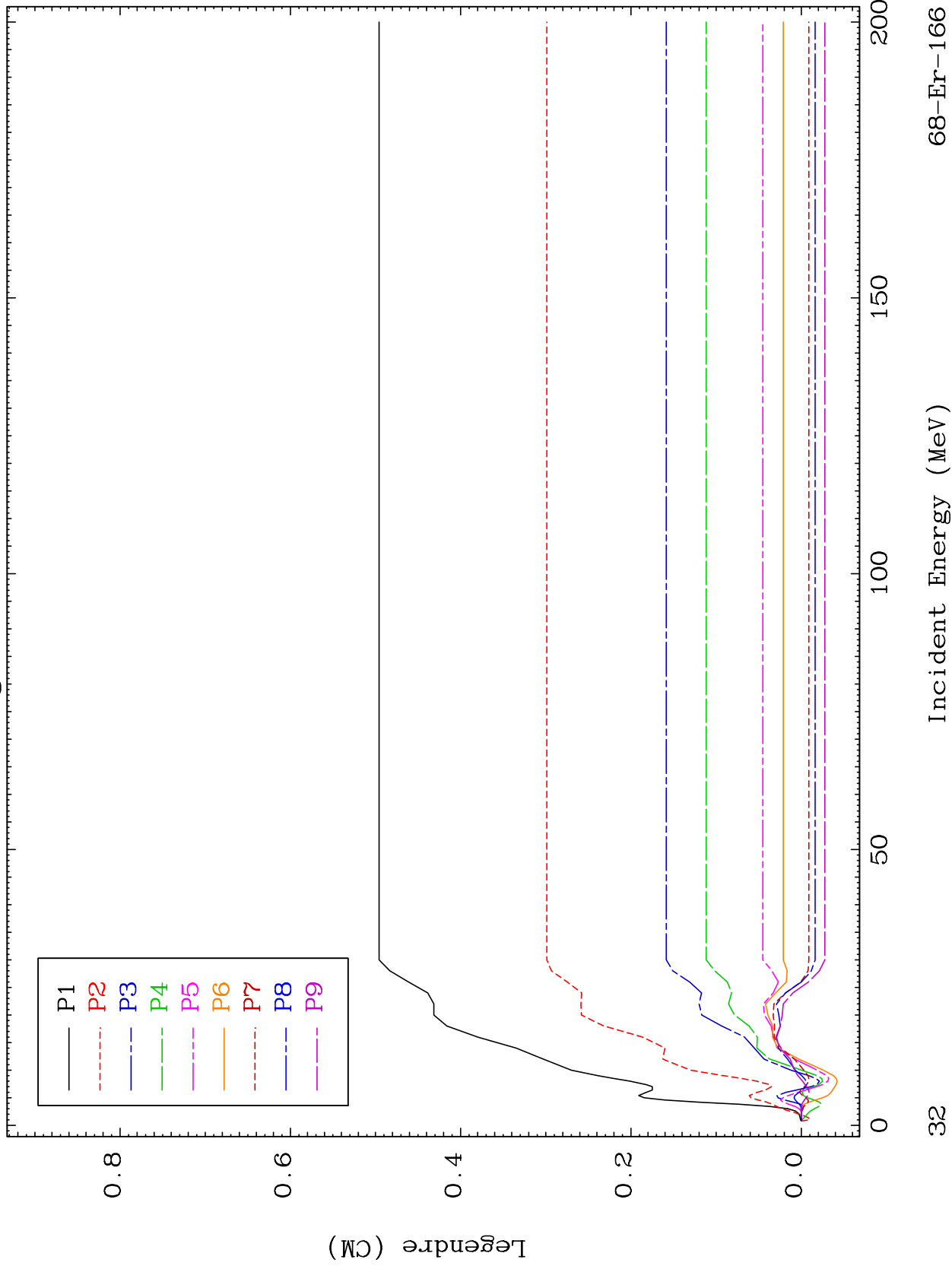
68-Er-166



MAT 6837

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

68-Er-166



68-Er-166

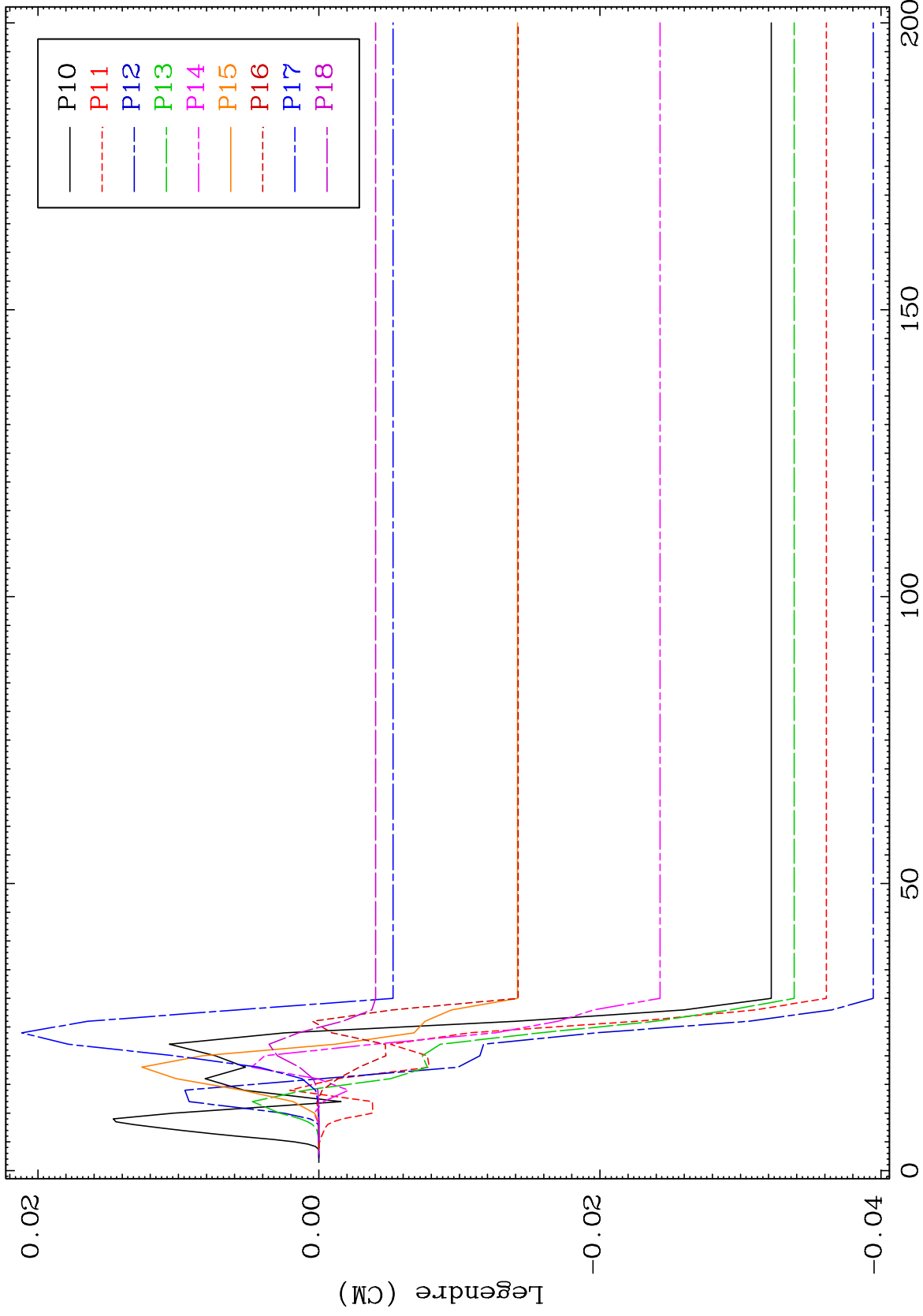
Incident Energy (MeV)

32

MAT 6837

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

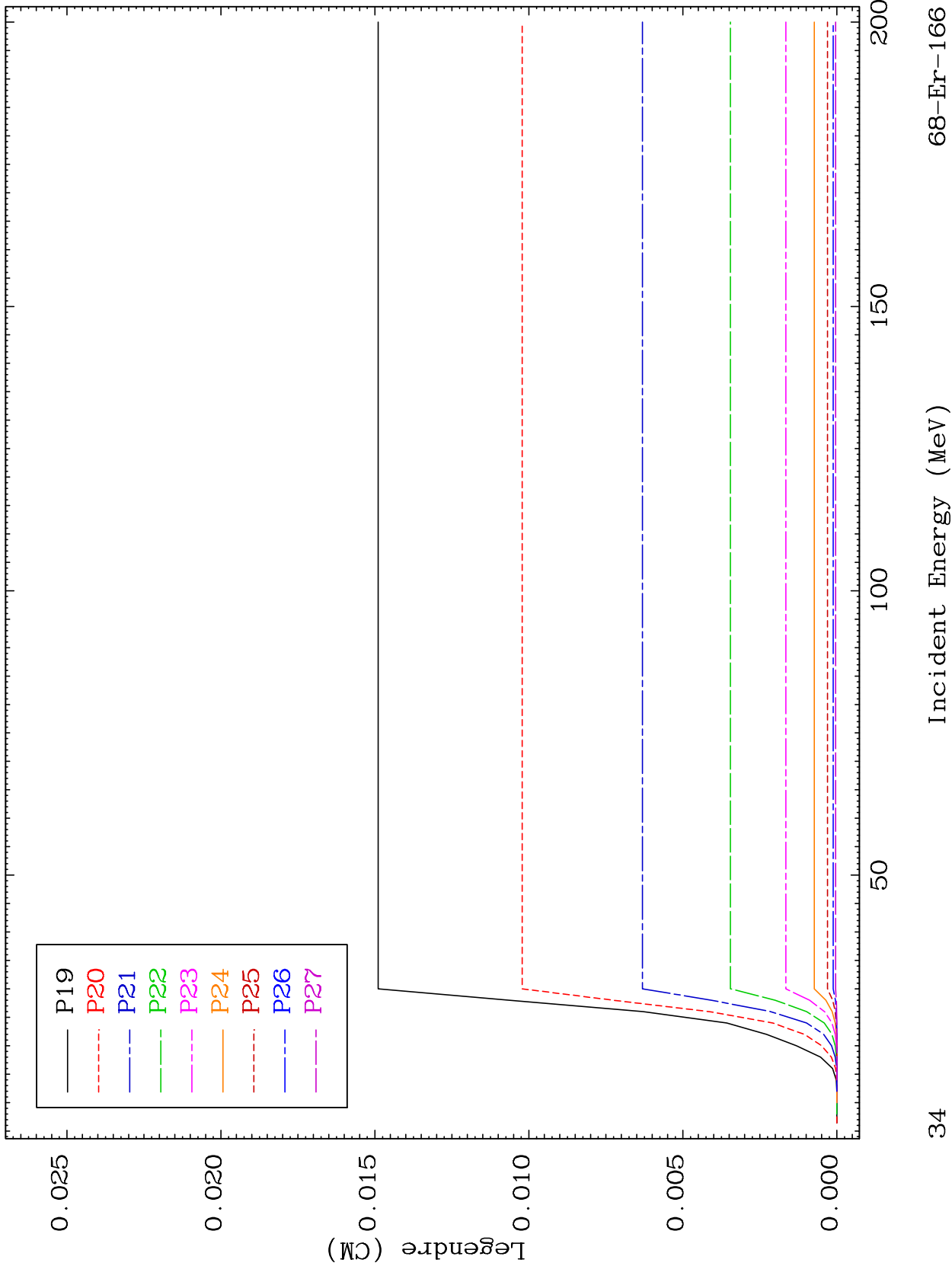
68-Er-166



33

Incident Energy (MeV)

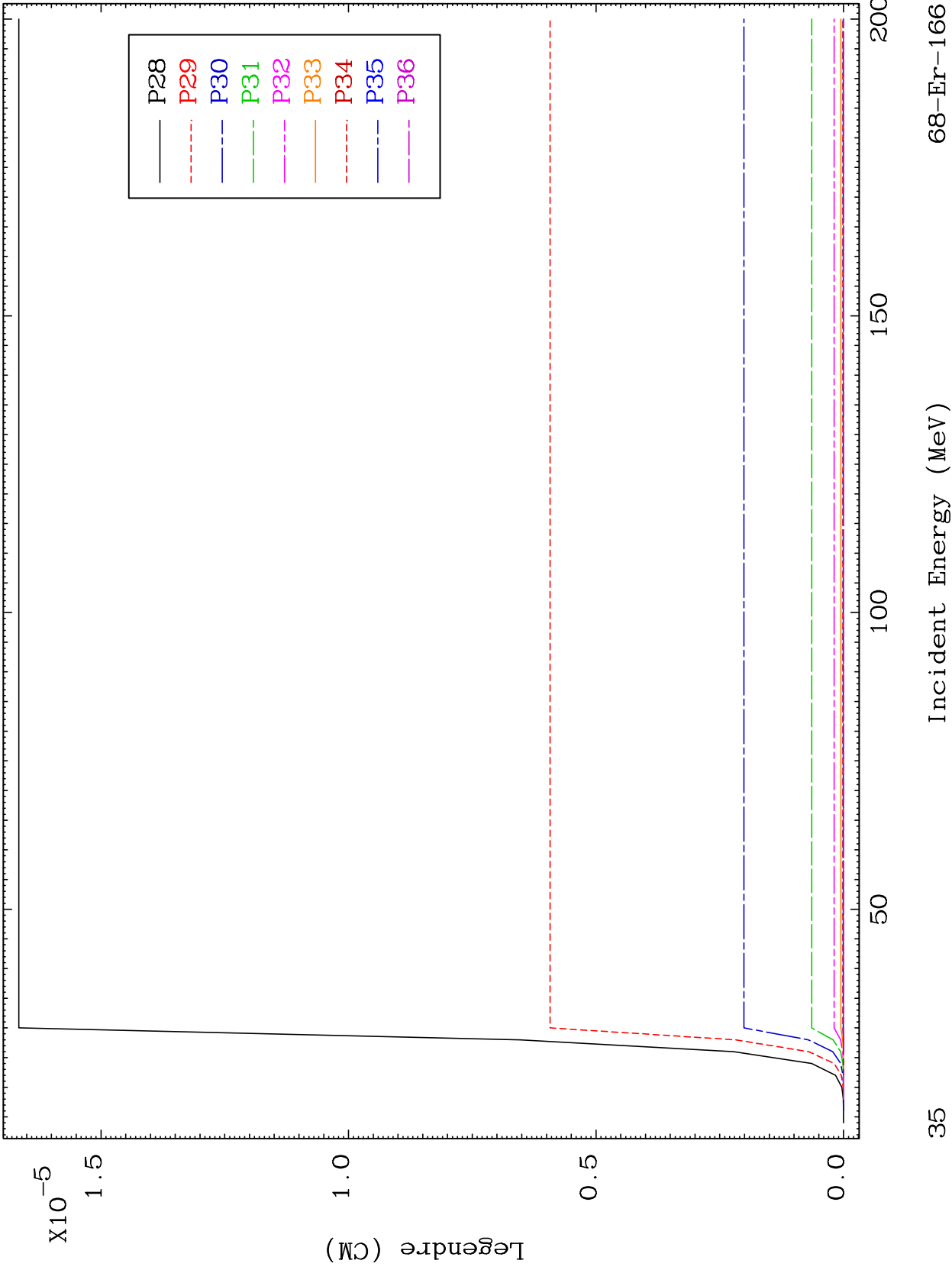
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MAT 6837

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

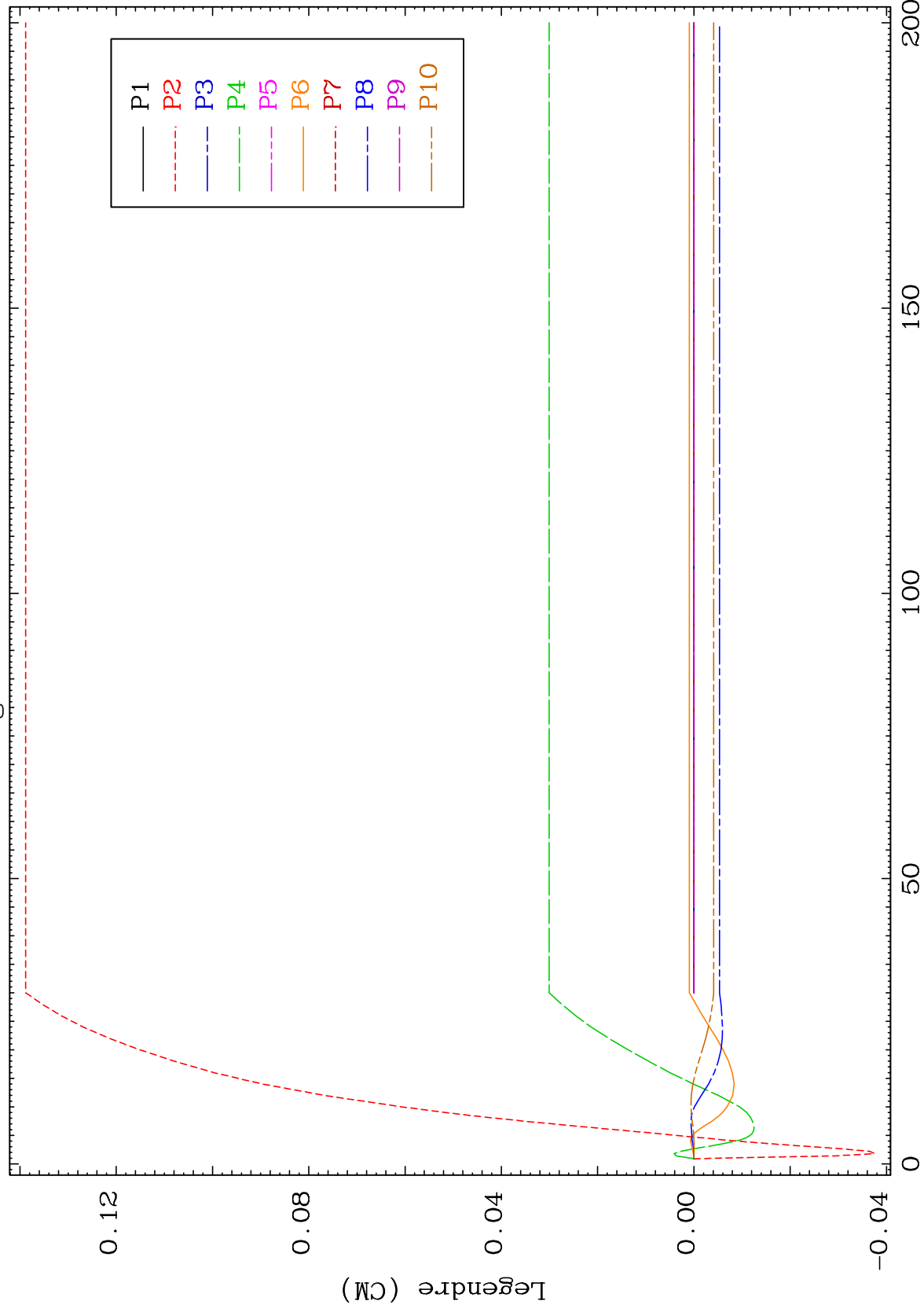
68-Er-166



MAT 6837

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

68-Er-166



36

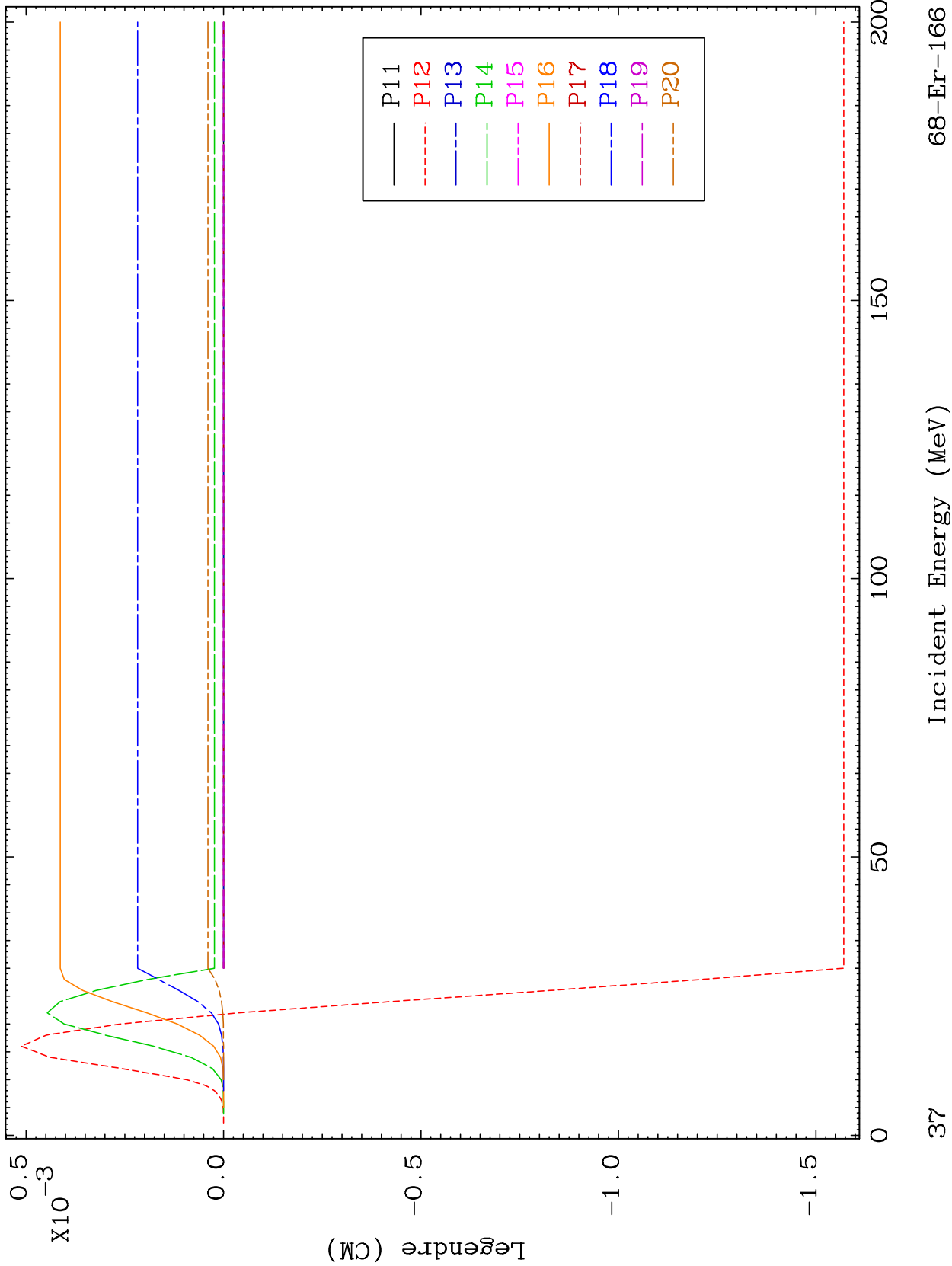
68-Er-166

68-Er-166

MAT 6837

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

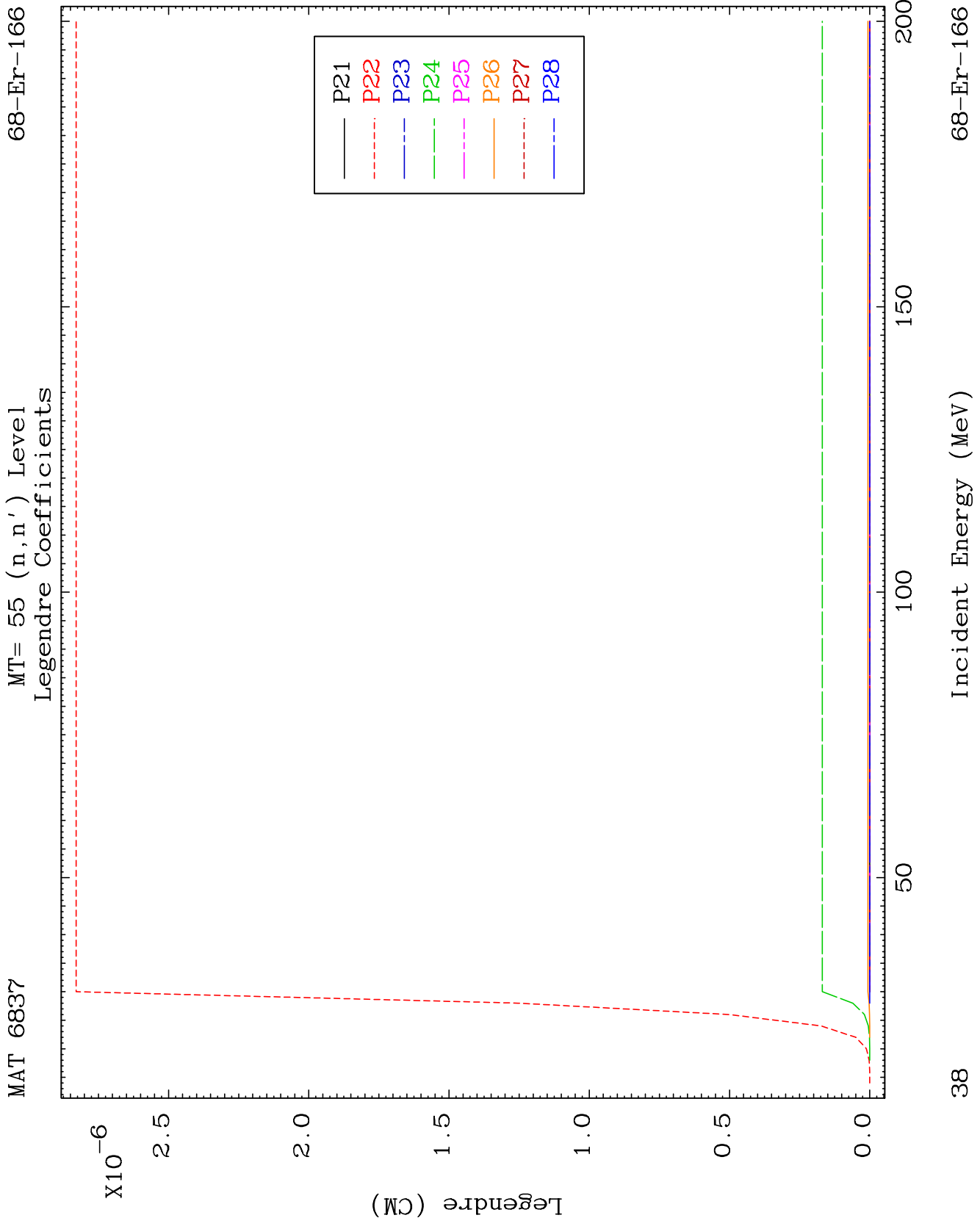
68-Er-166



37

Incident Energy (MeV)

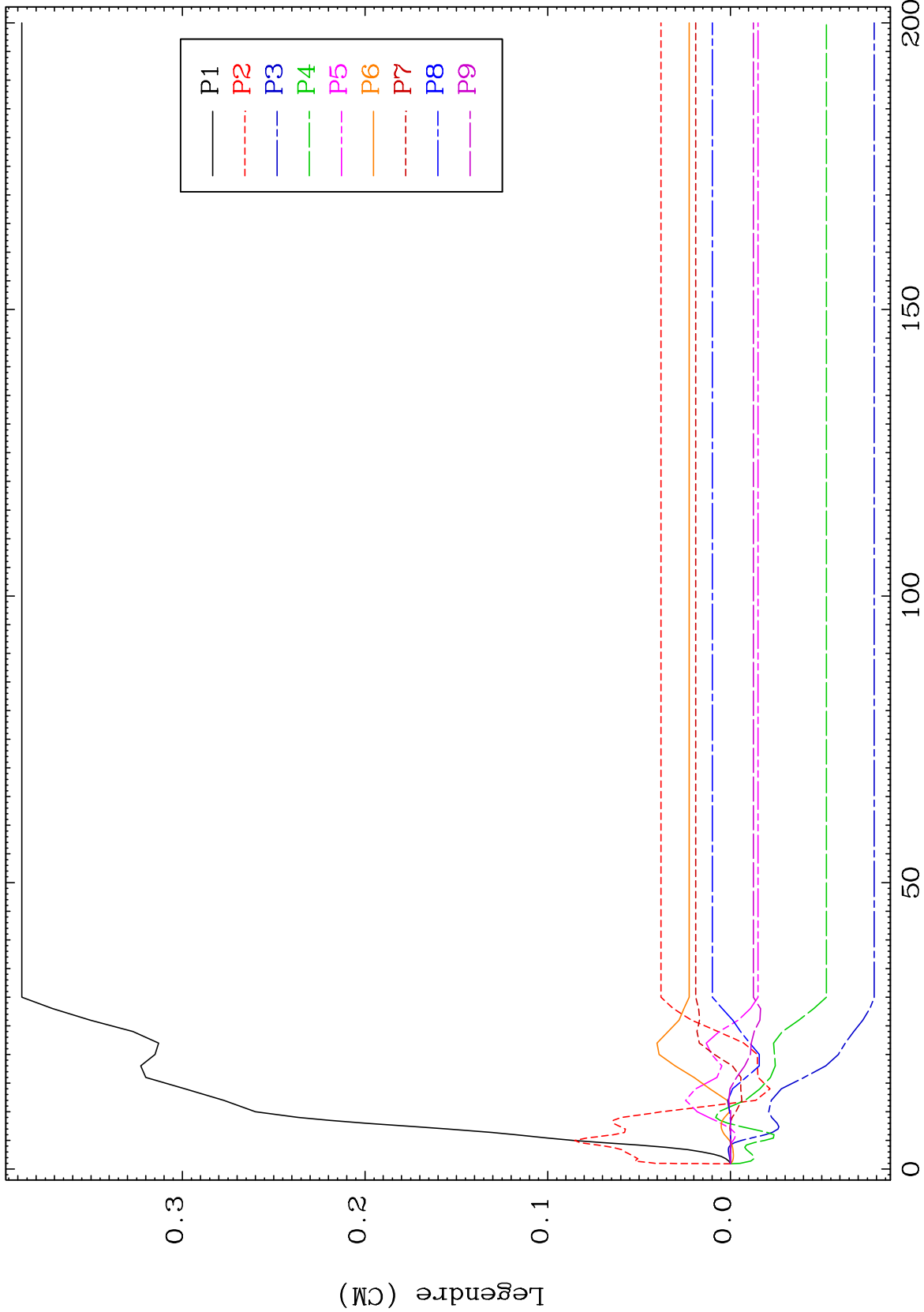
68-Er-166



MAT 6837

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

68-Er-166



39

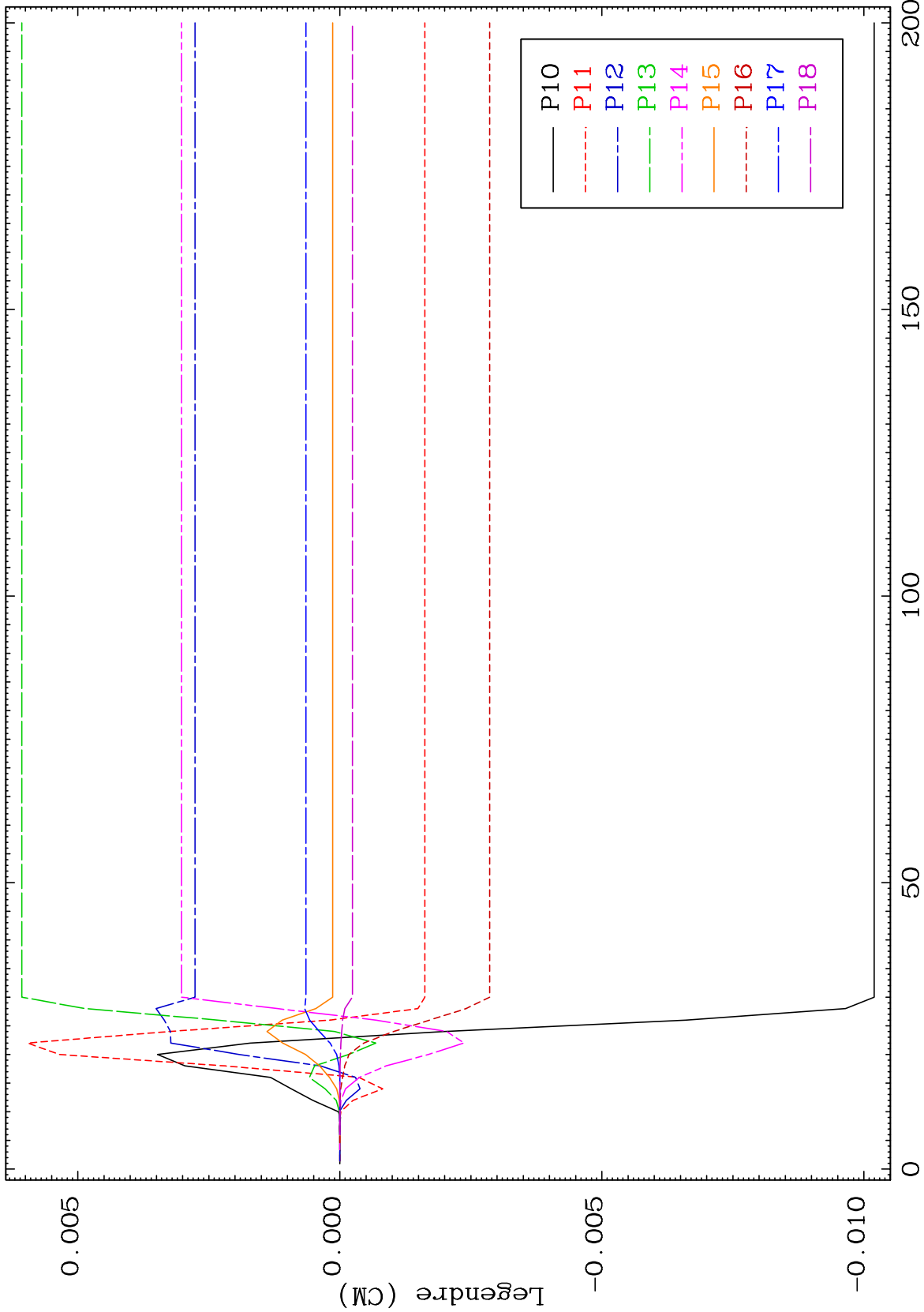
Incident Energy (MeV)

68-Er-166

MAT 6837

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

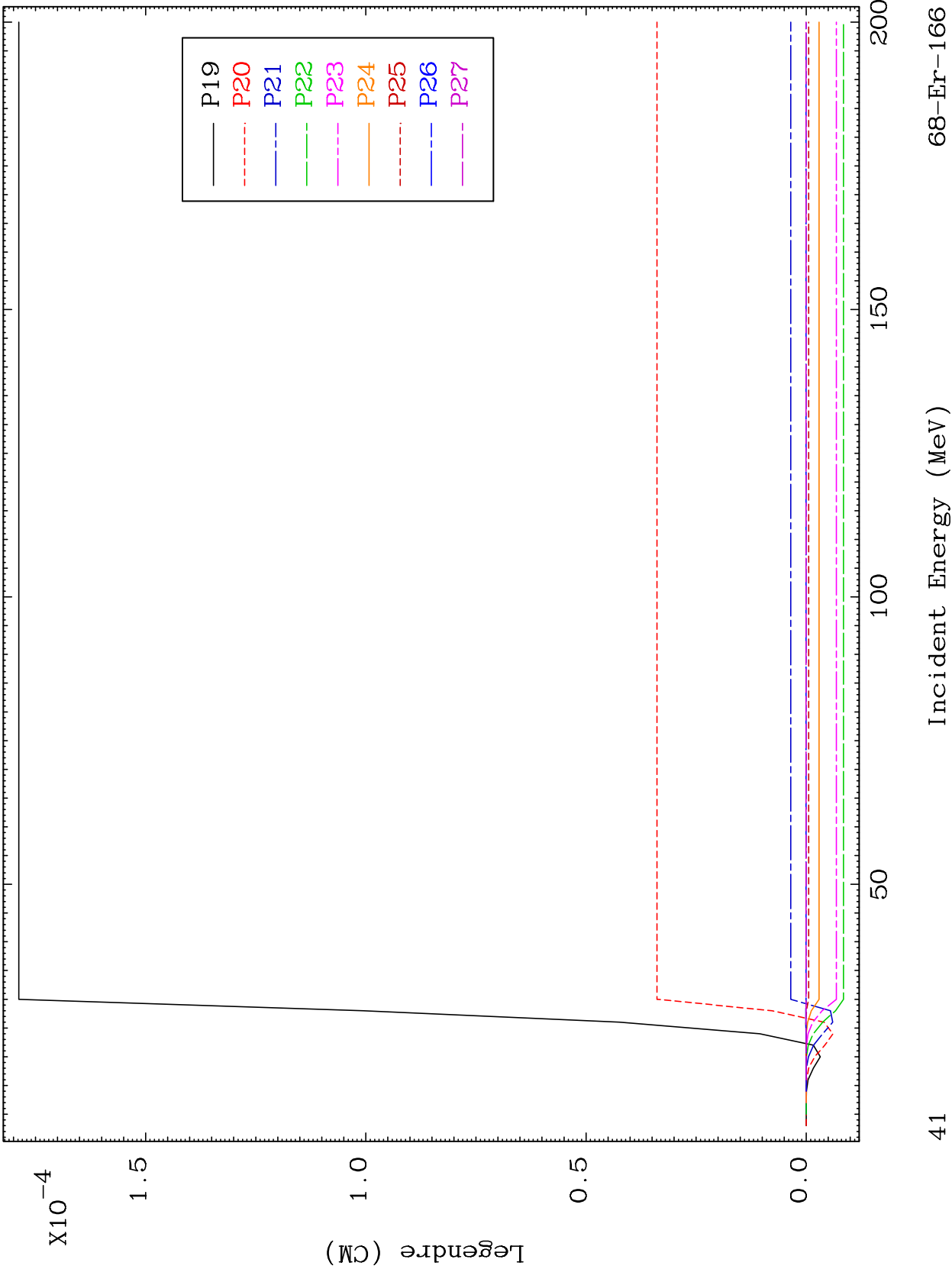
68-Er-166



40

Incident Energy (MeV)

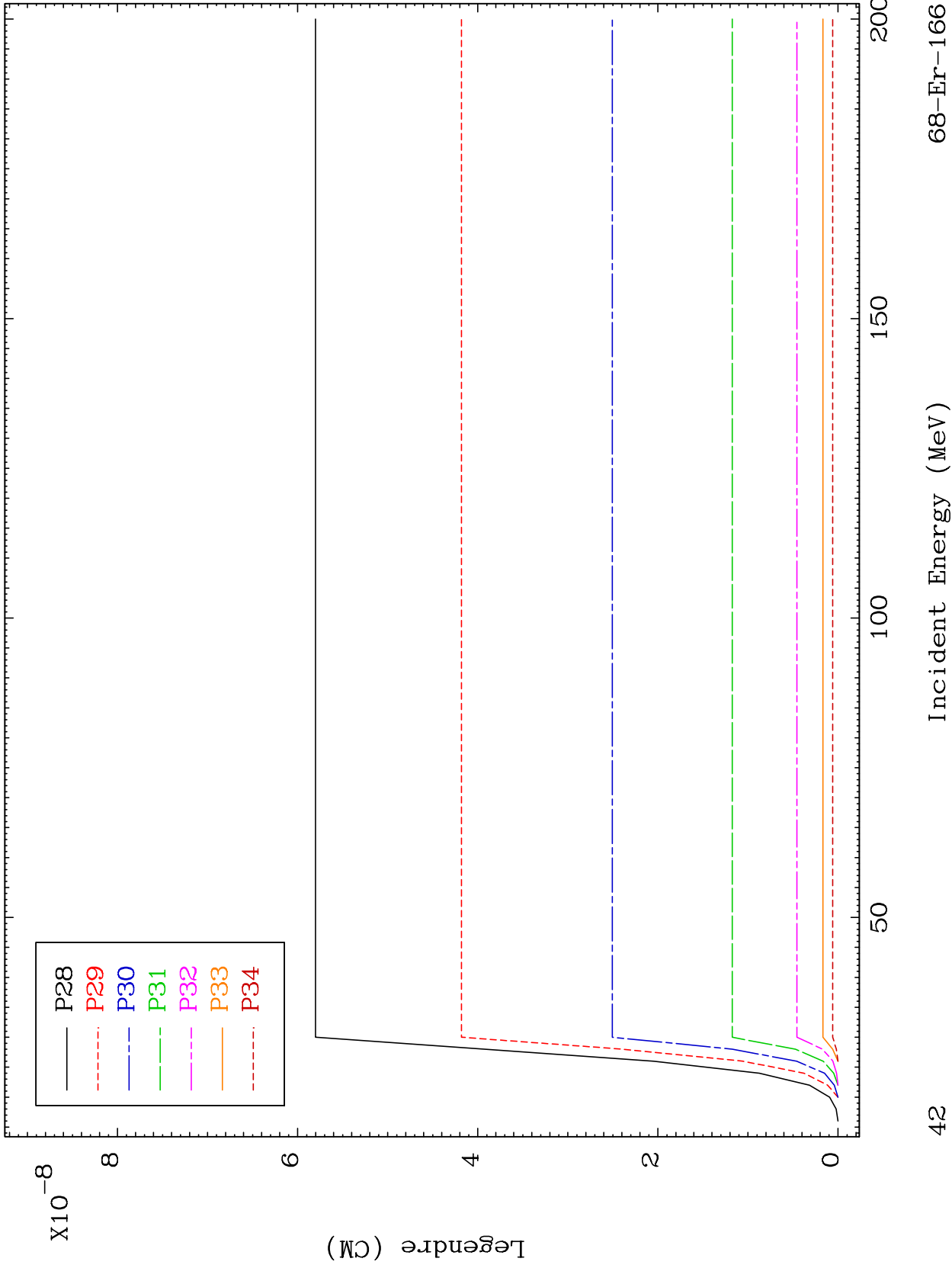
68-Er-166



MAT 6837

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

68-Er-166



42

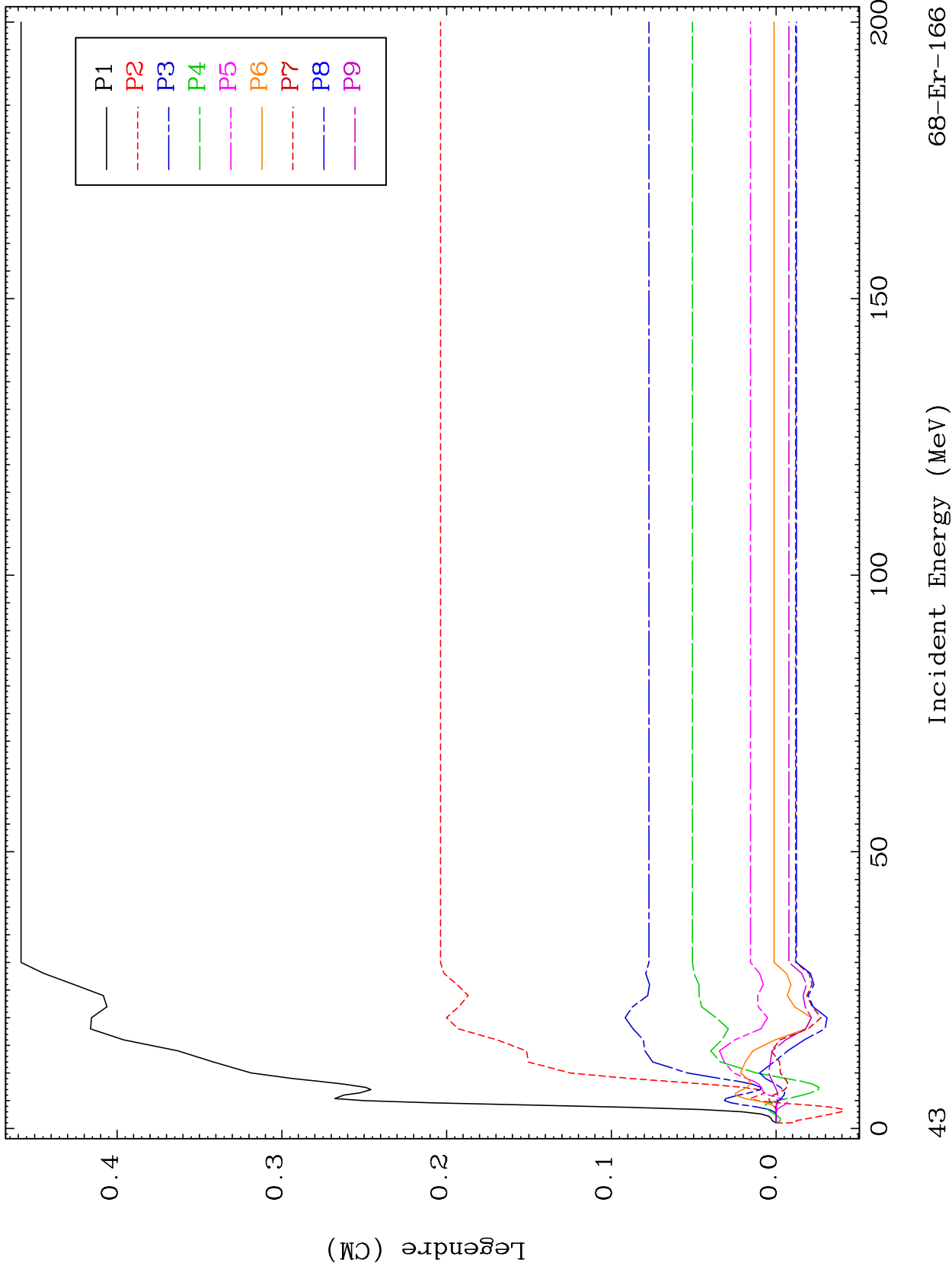
Incident Energy (MeV)

68-Er-166

MAT 6837

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

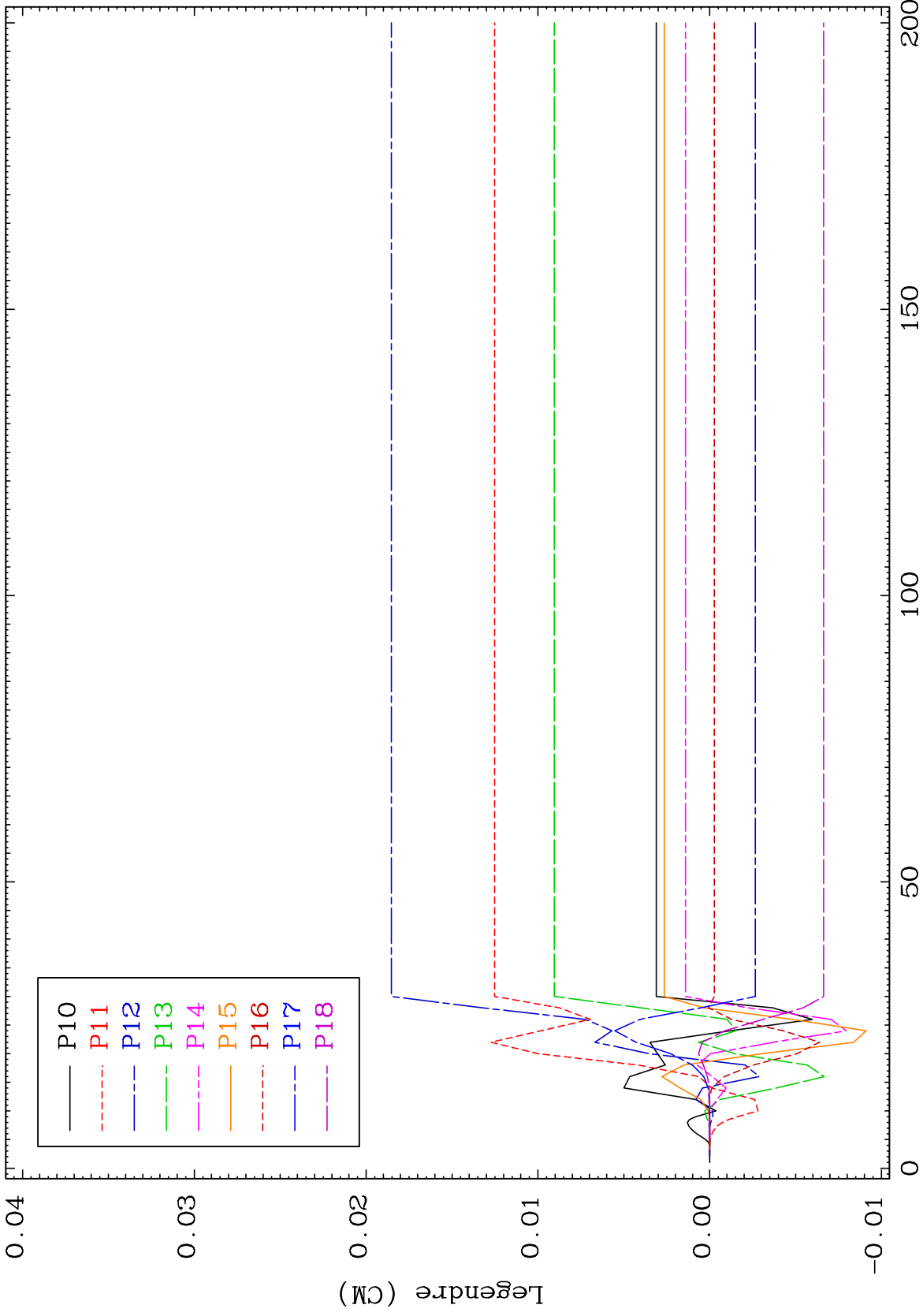
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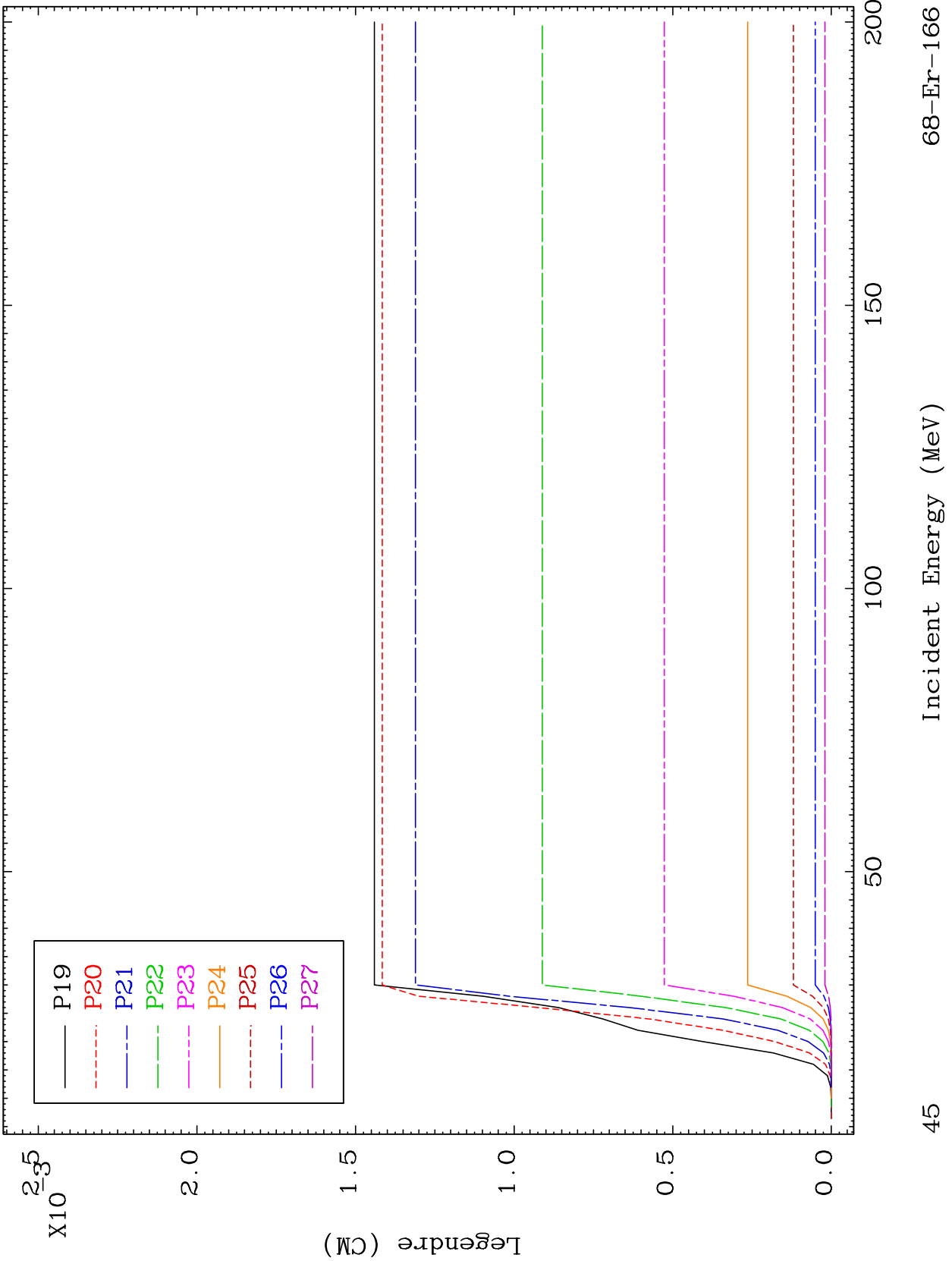


68-Er-166

Incident Energy (MeV)

43

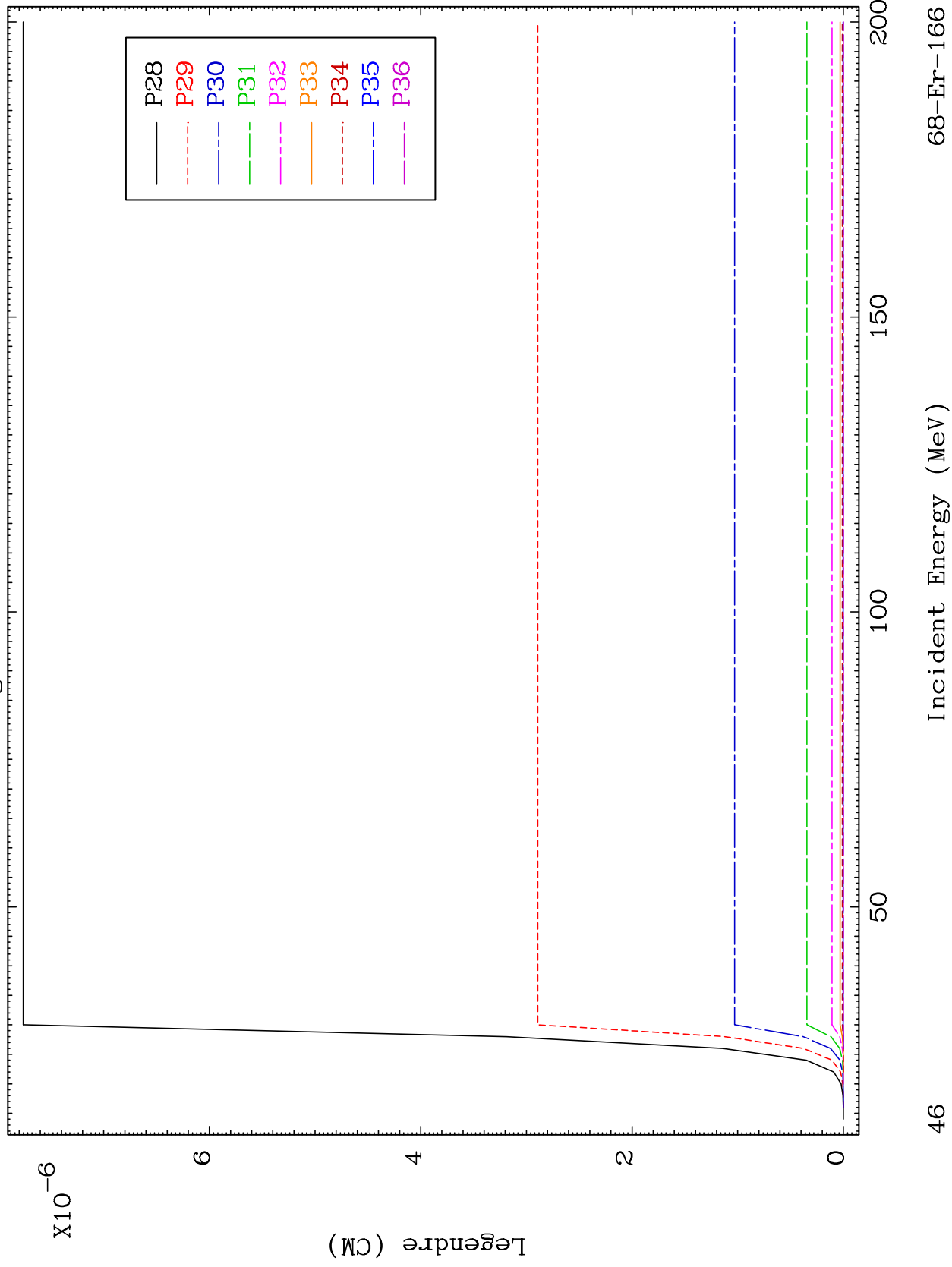




MAT 6837

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

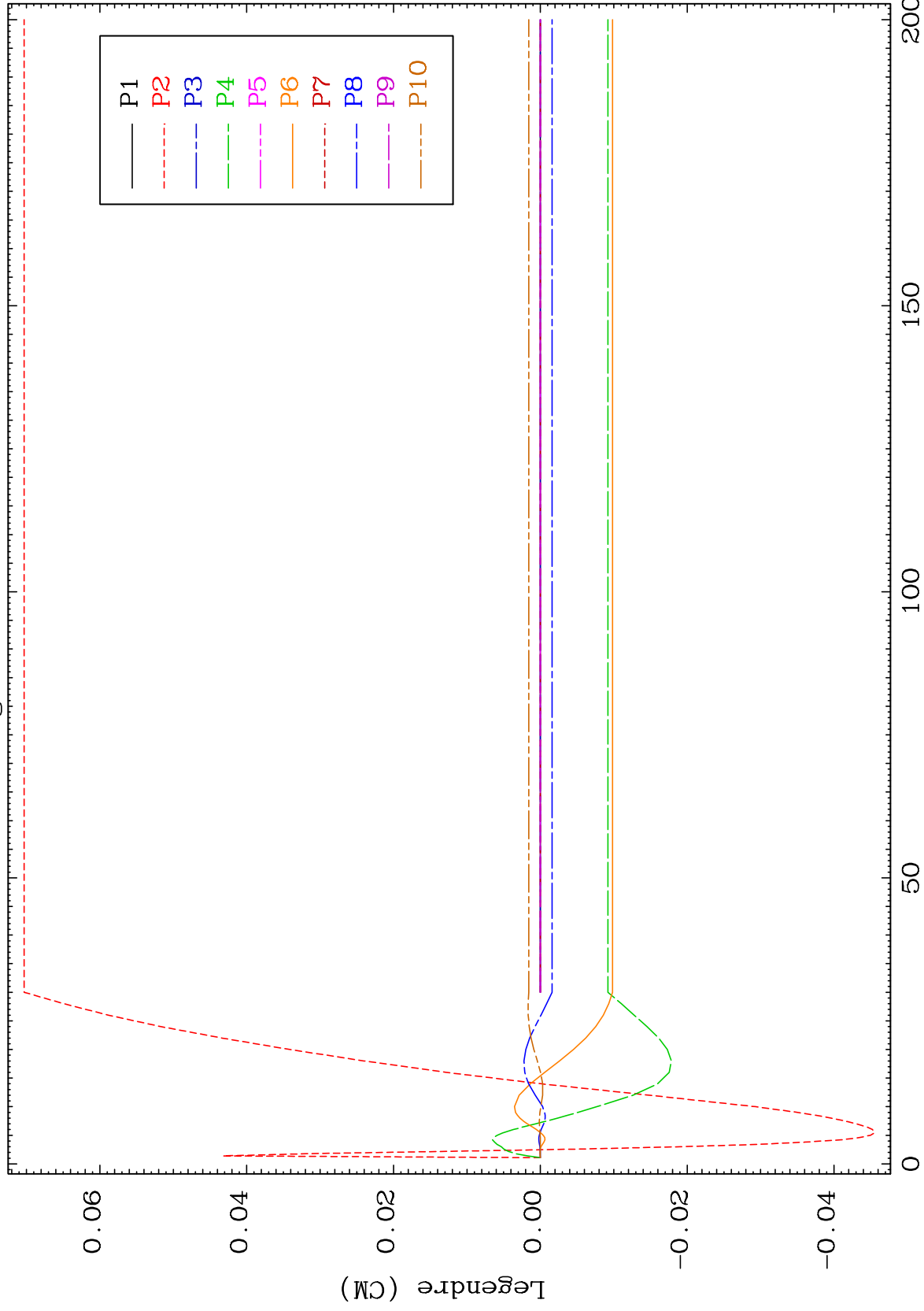
68-Er-166



MAT 6837

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

68-Er-166



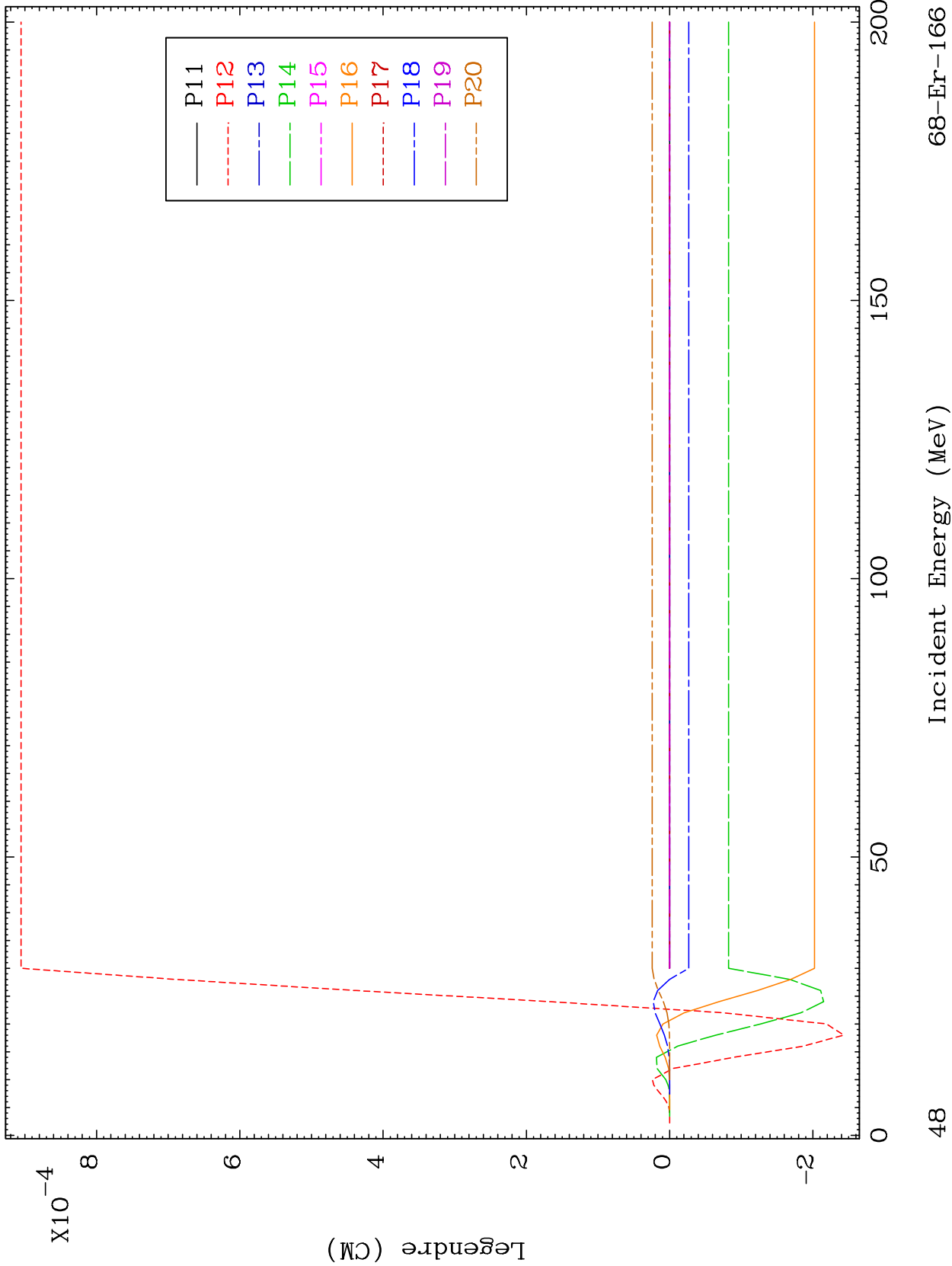
47

68-Er-166

MAT 6837

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

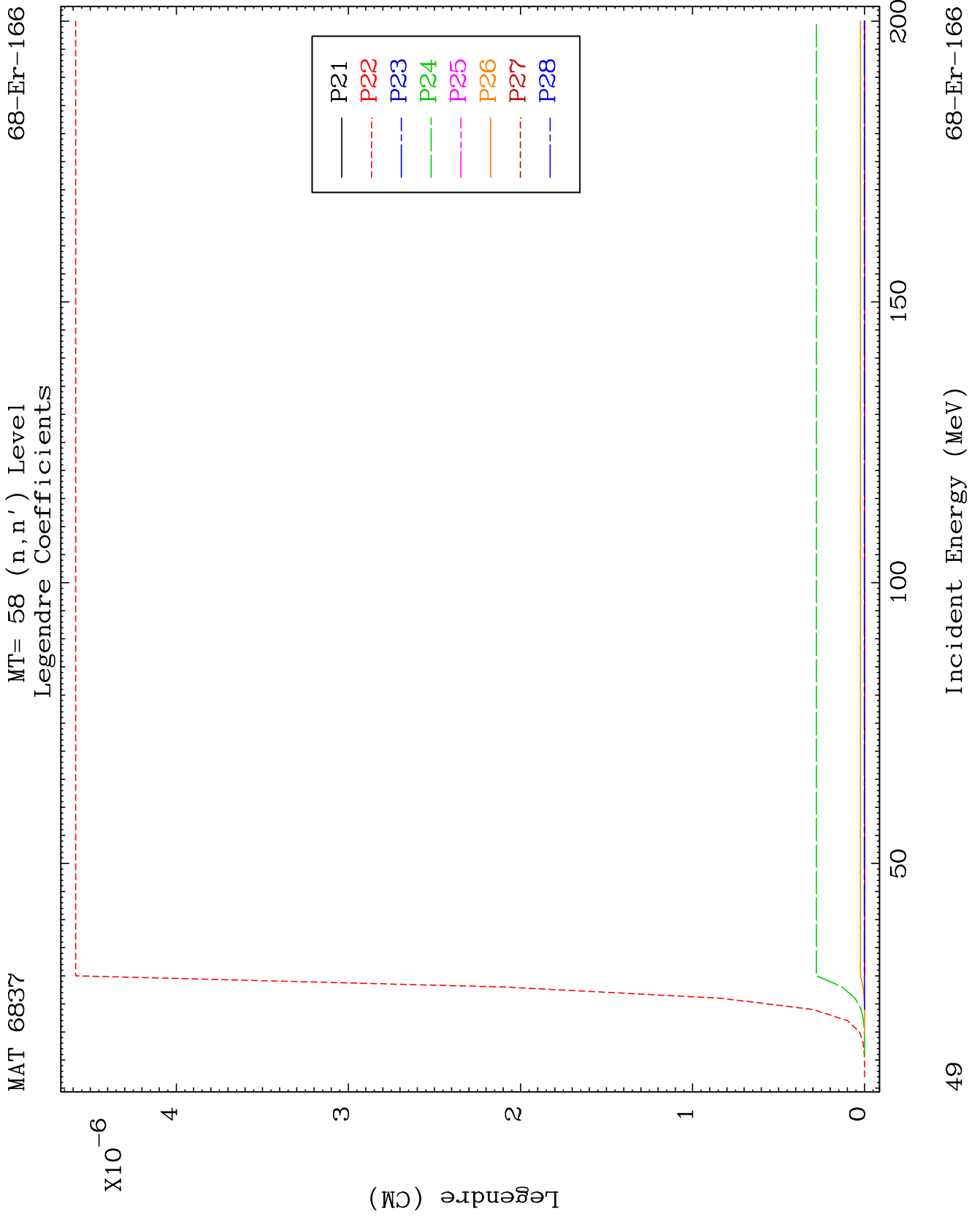
68-Er-166



68-Er-166

Incident Energy (MeV)

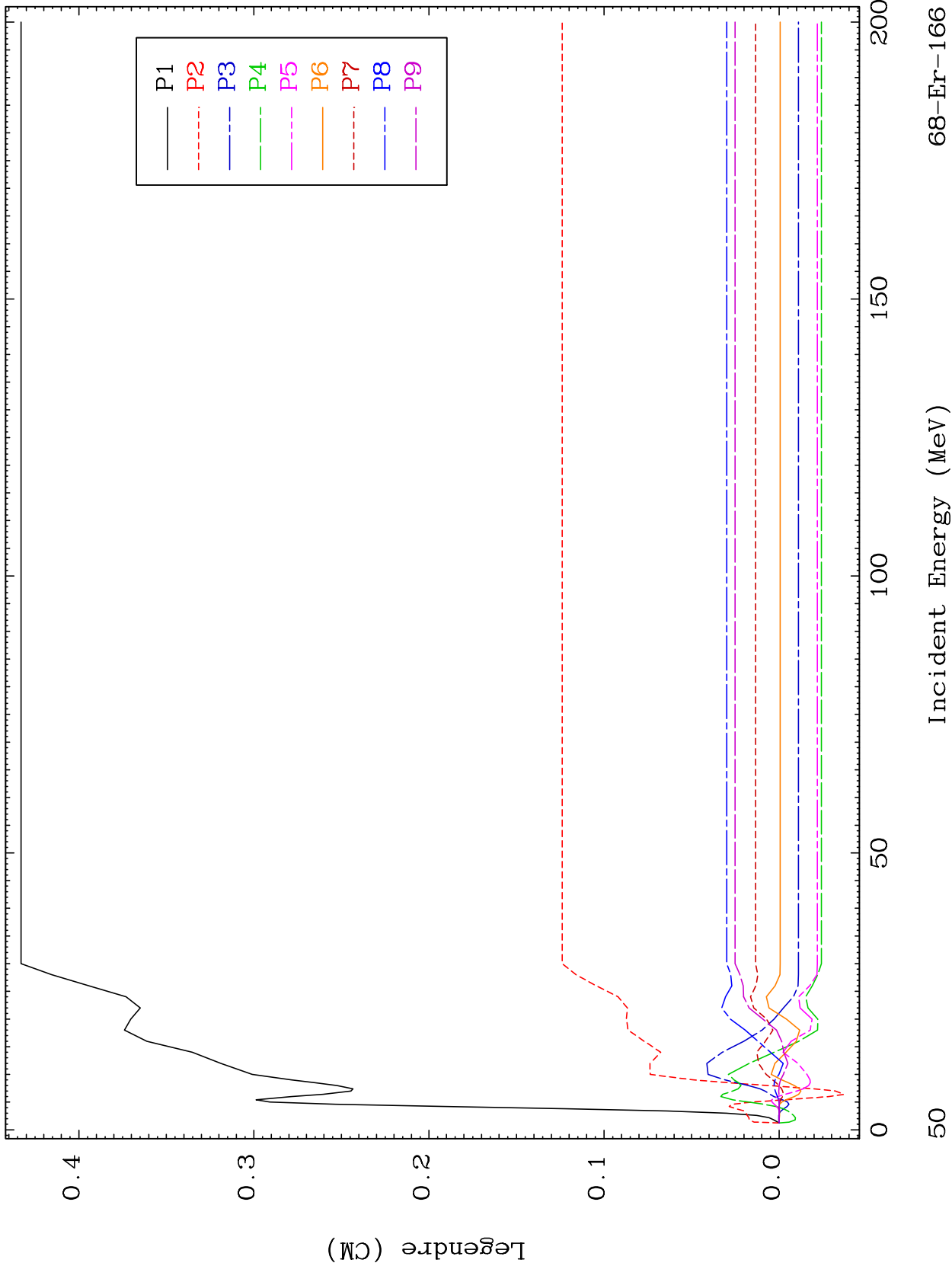
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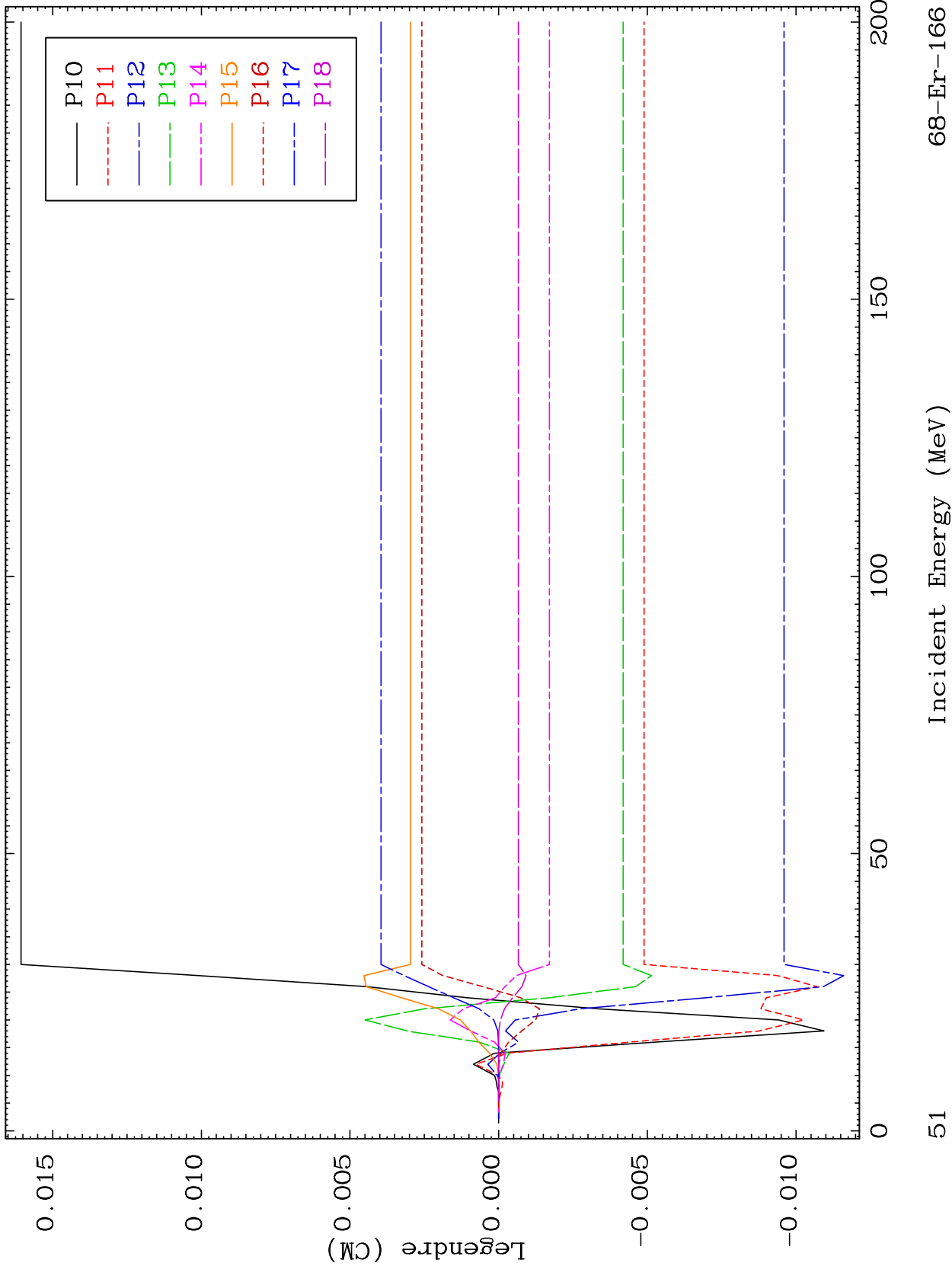


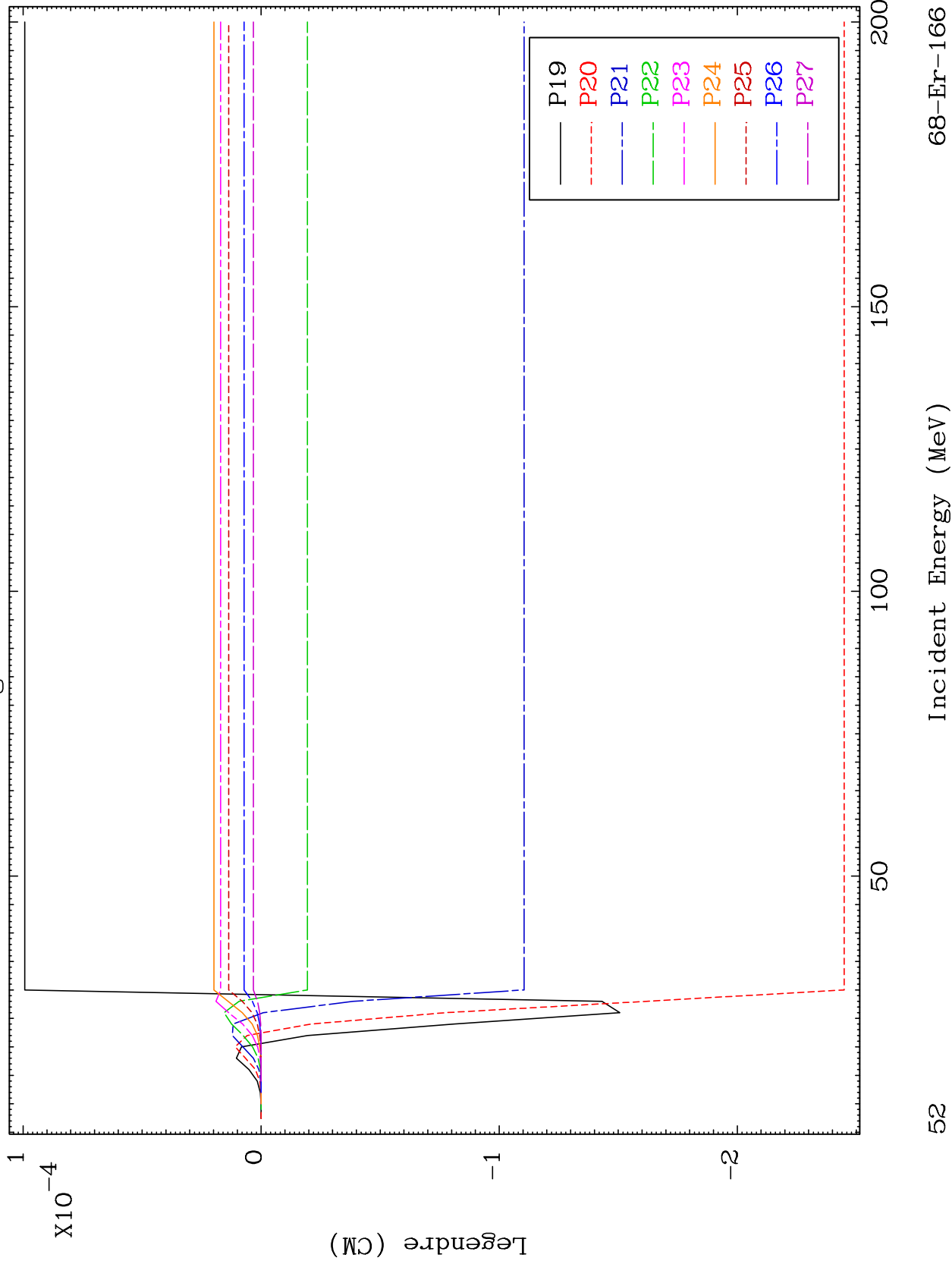
MAT 6837

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

68-Er-166



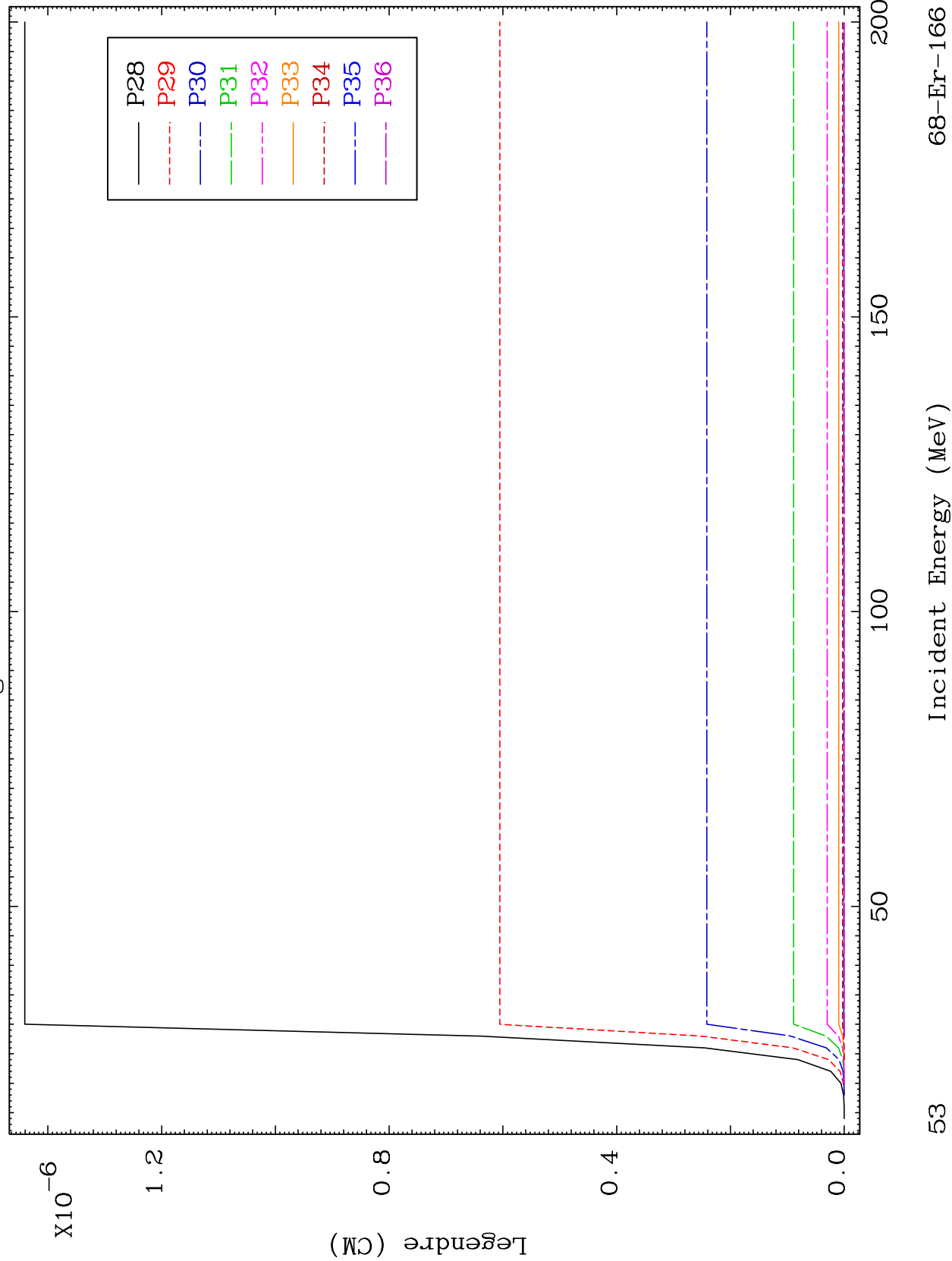




MAT 6837

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

68-Er-166



53

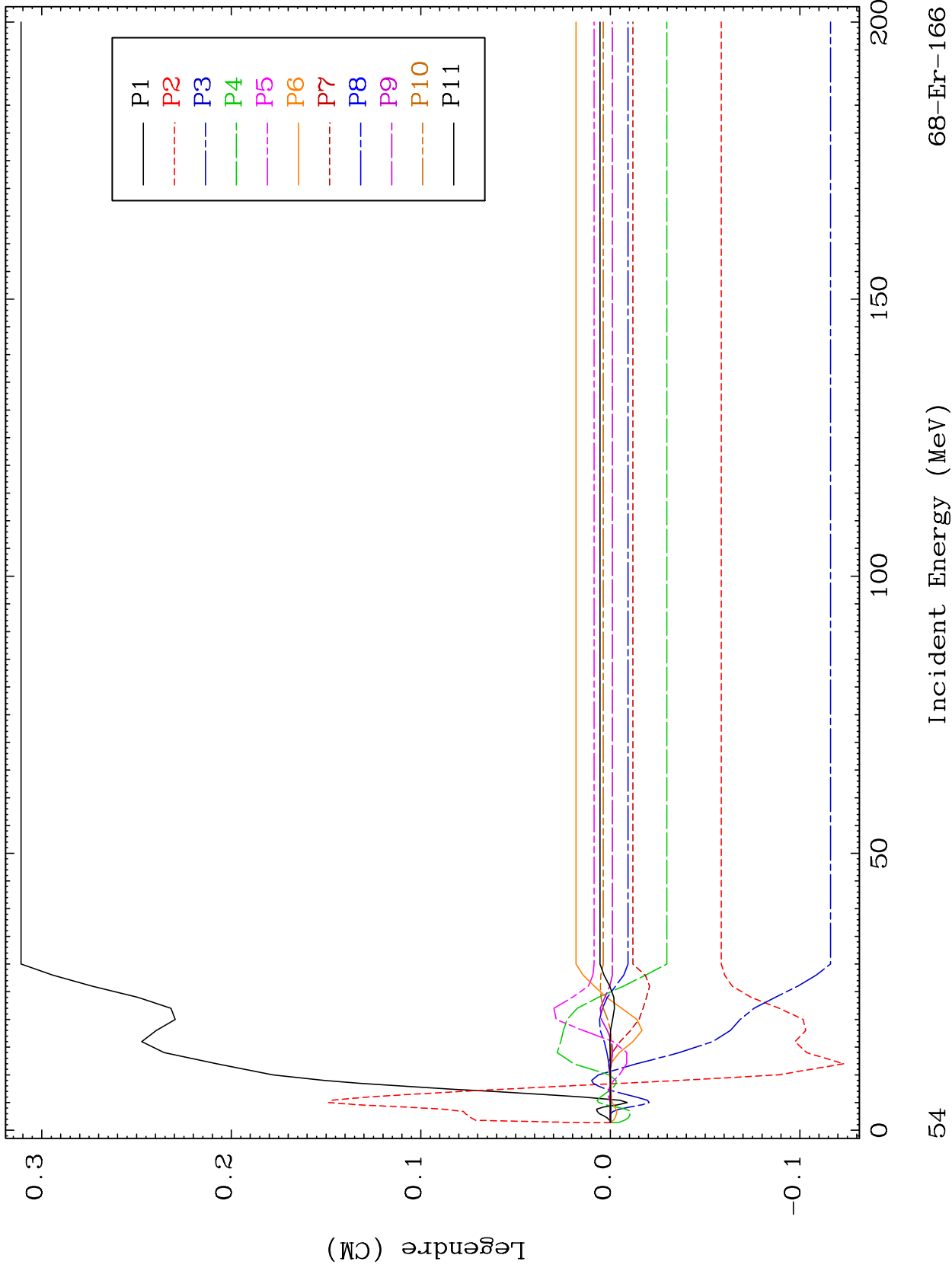
Incident Energy (MeV)

68-Er-166

MAT 6837

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

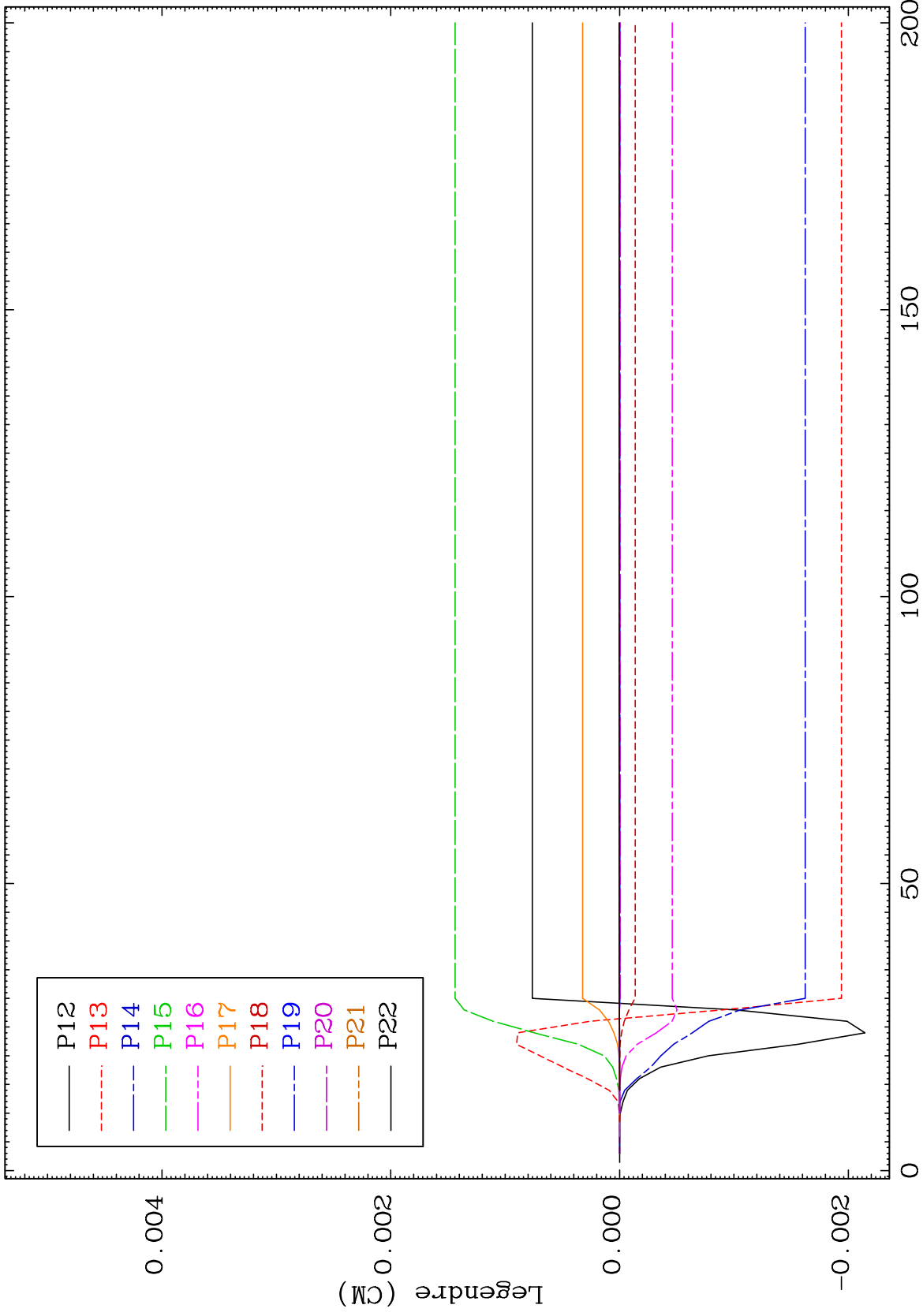
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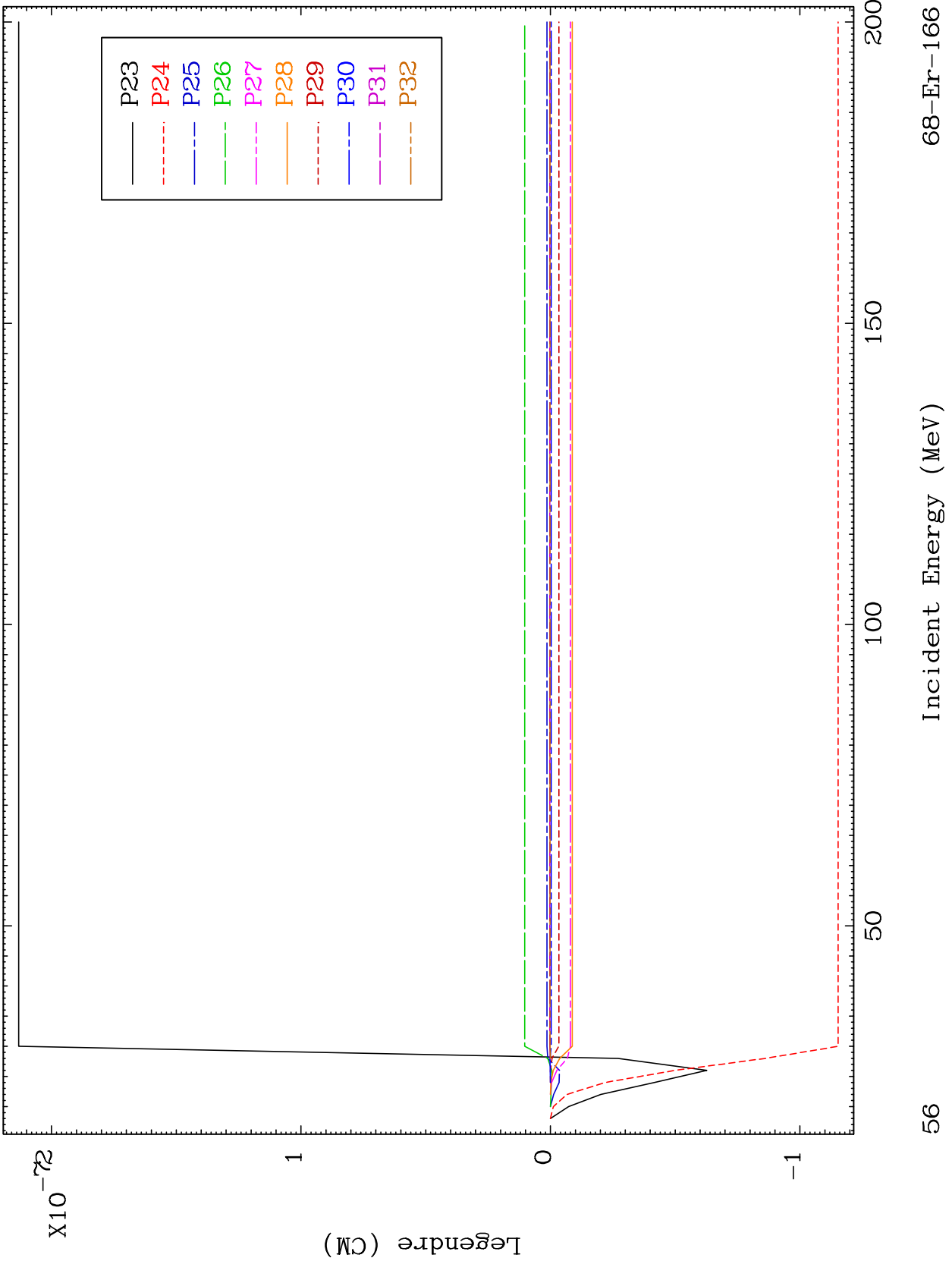


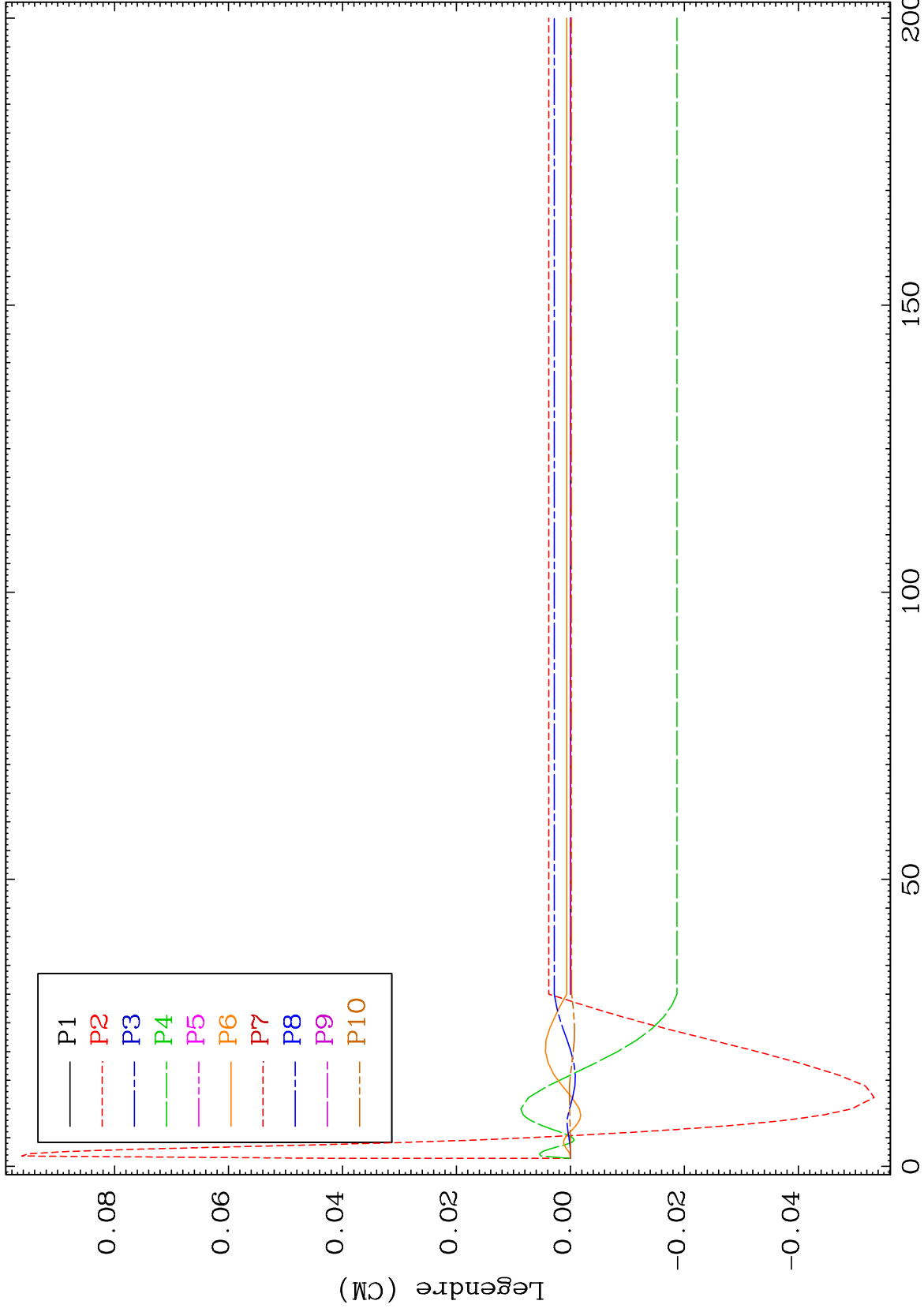
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Incident Energy (MeV)

54



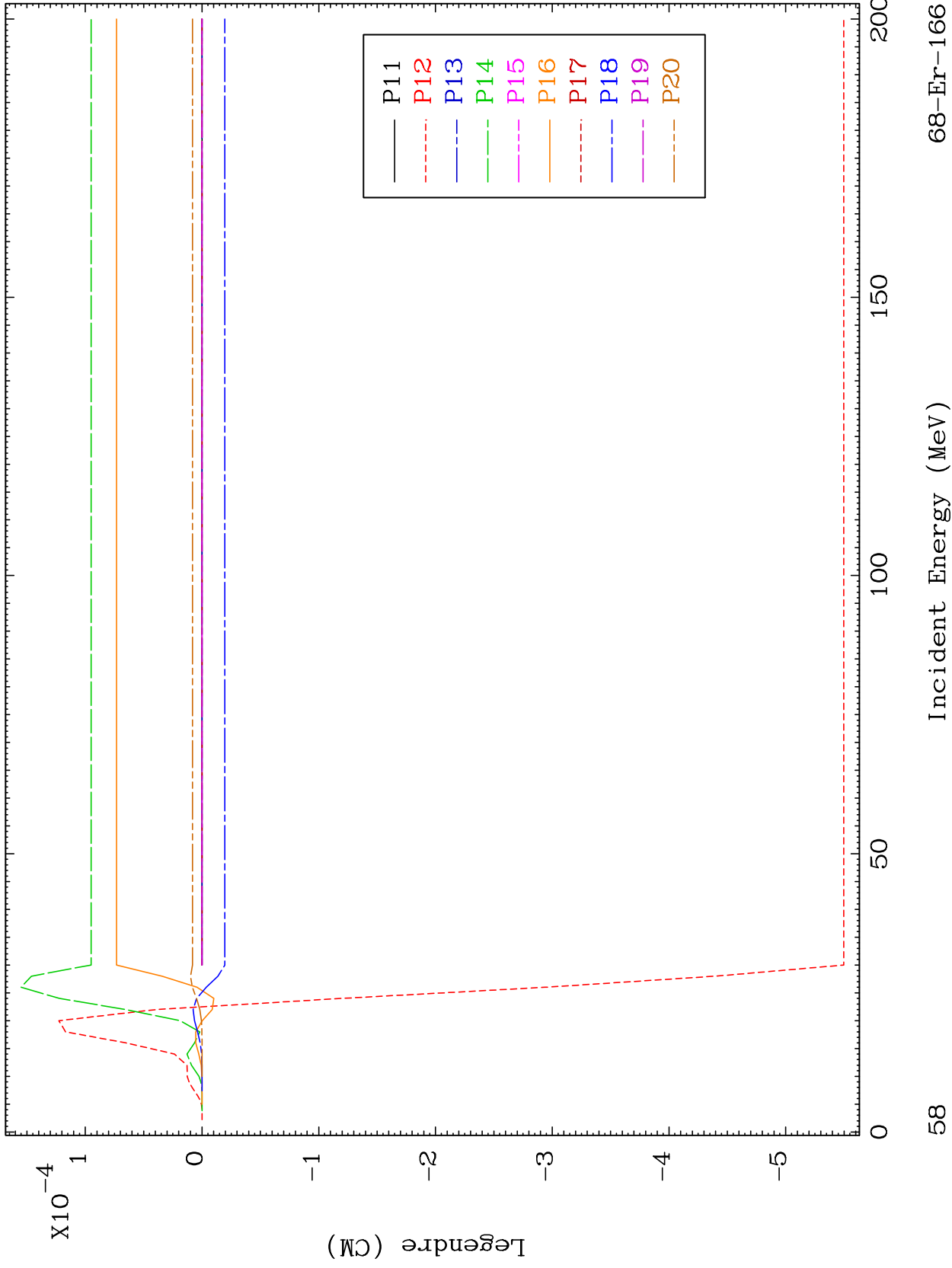




MAT 6837

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

68-Er-166



68-Er-166

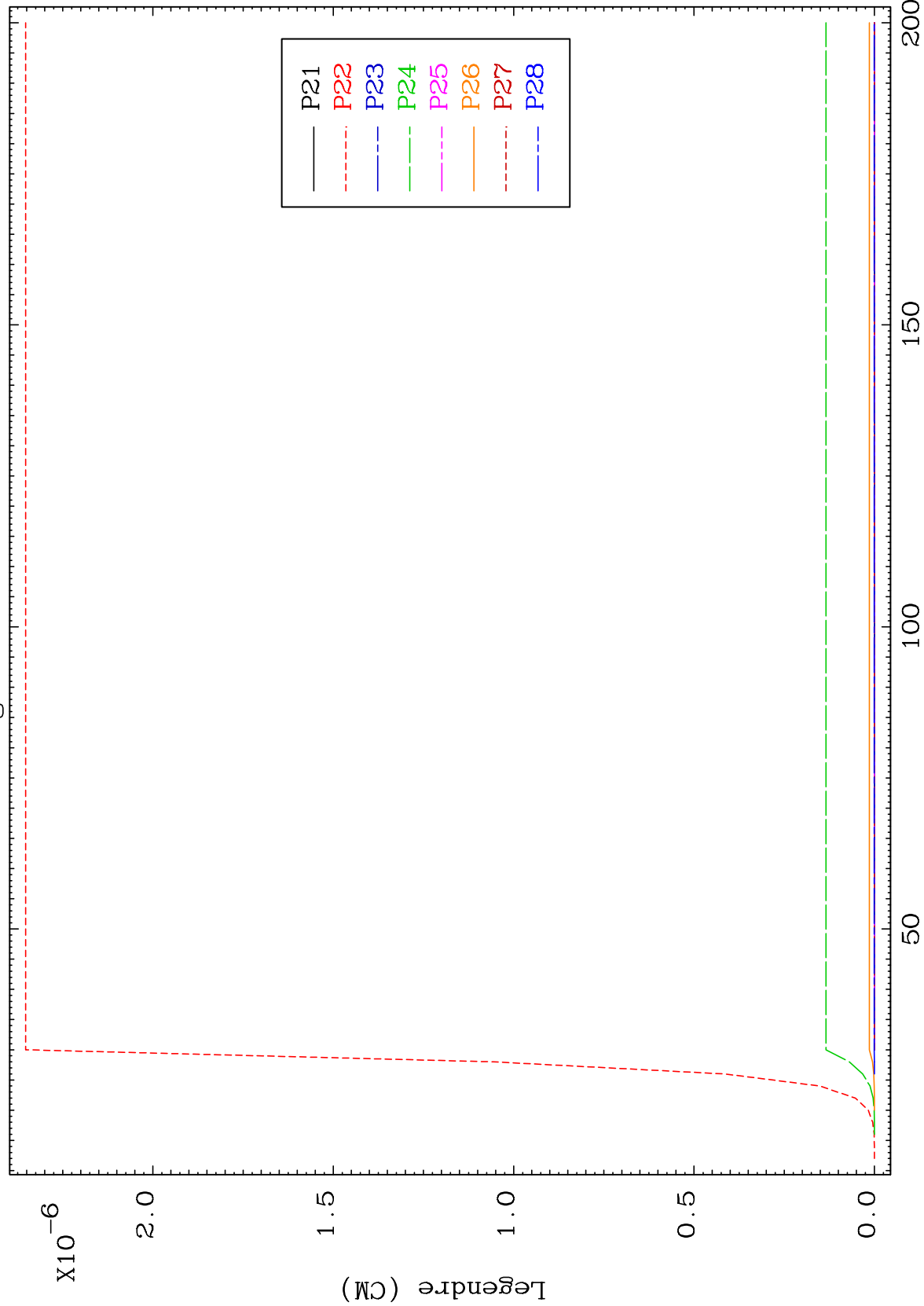
Incident Energy (MeV)

58

MAT 6837

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

68-Er-166



59

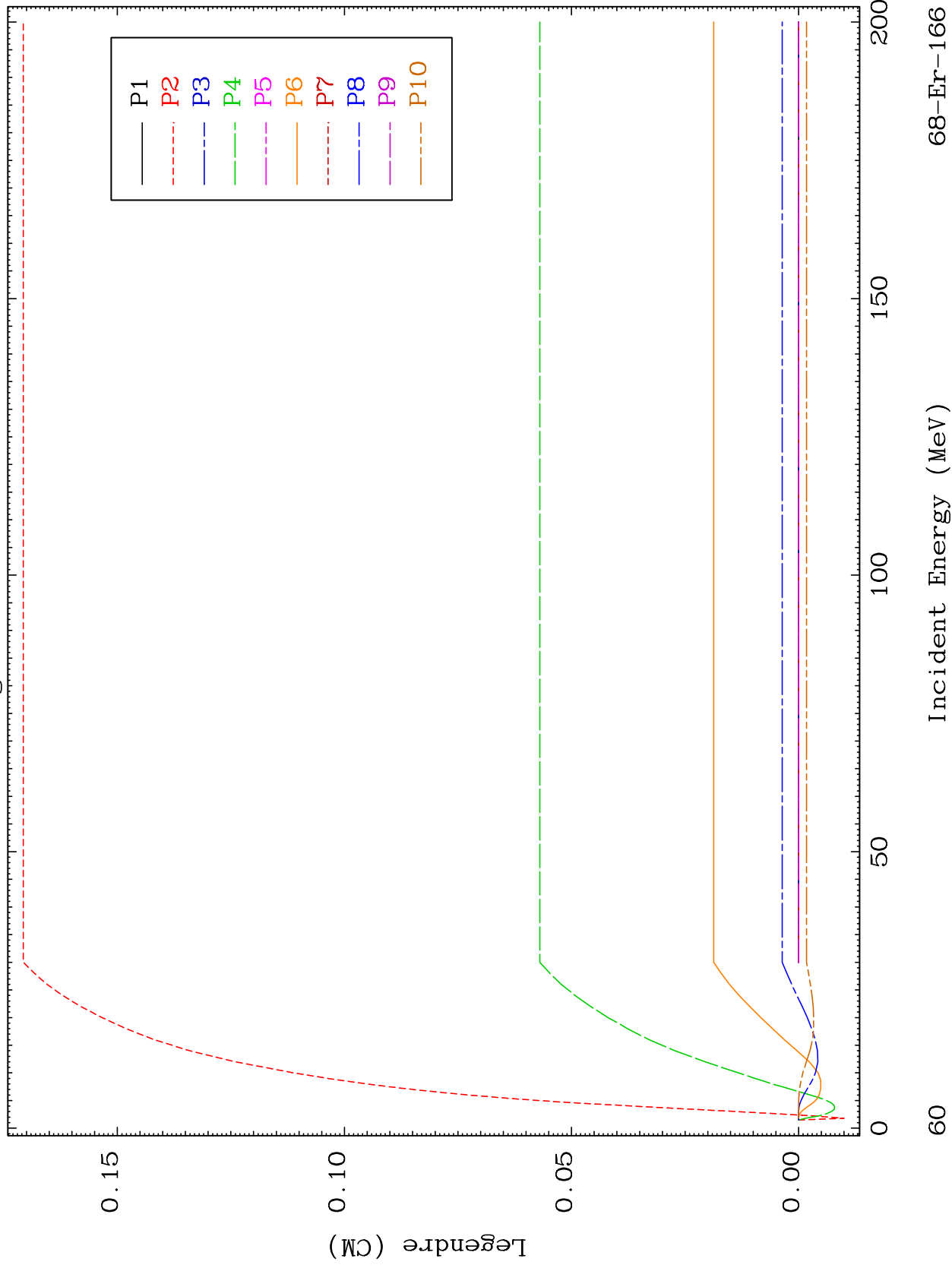
Incident Energy (MeV)

68-Er-166

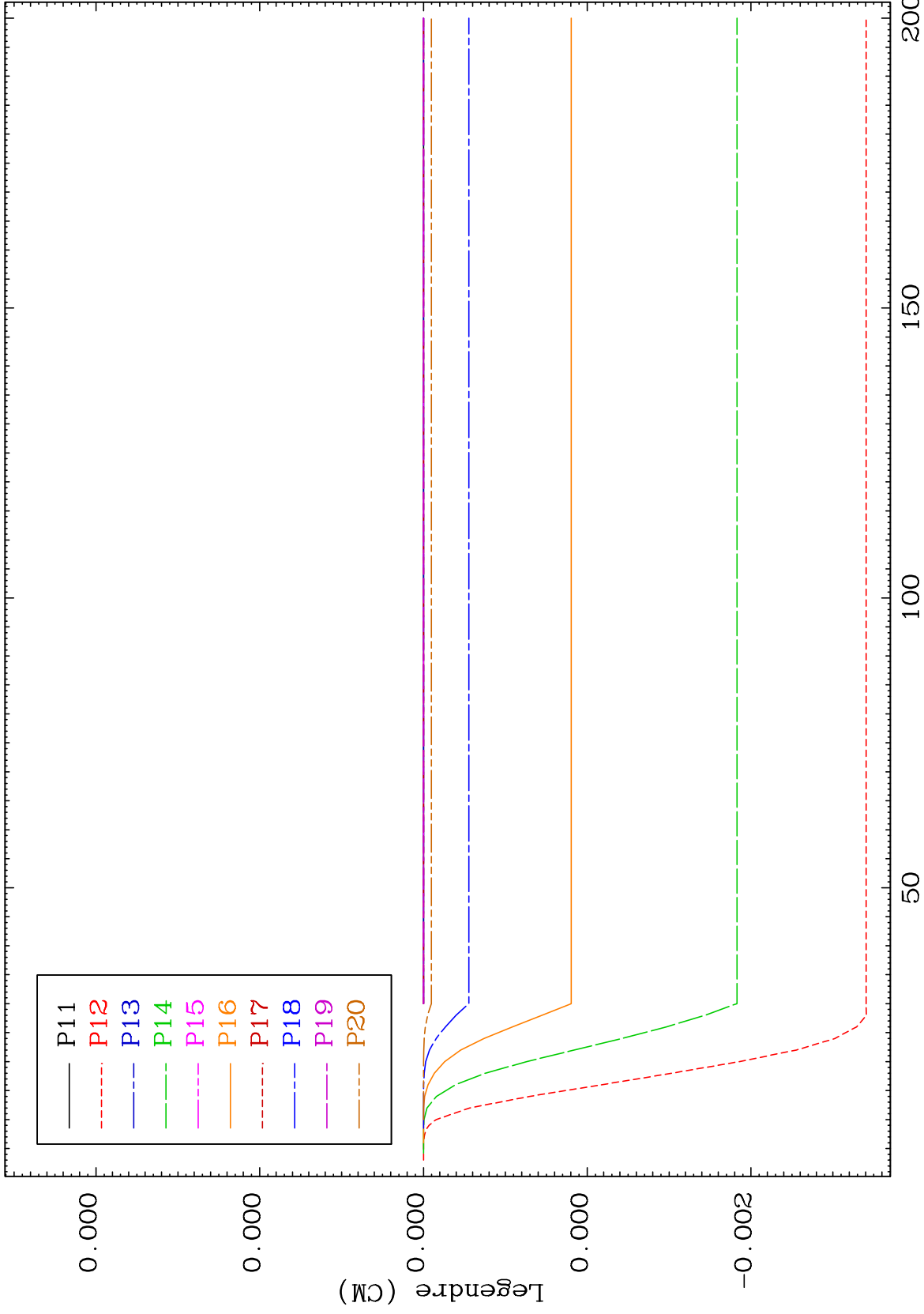
MAT 6837

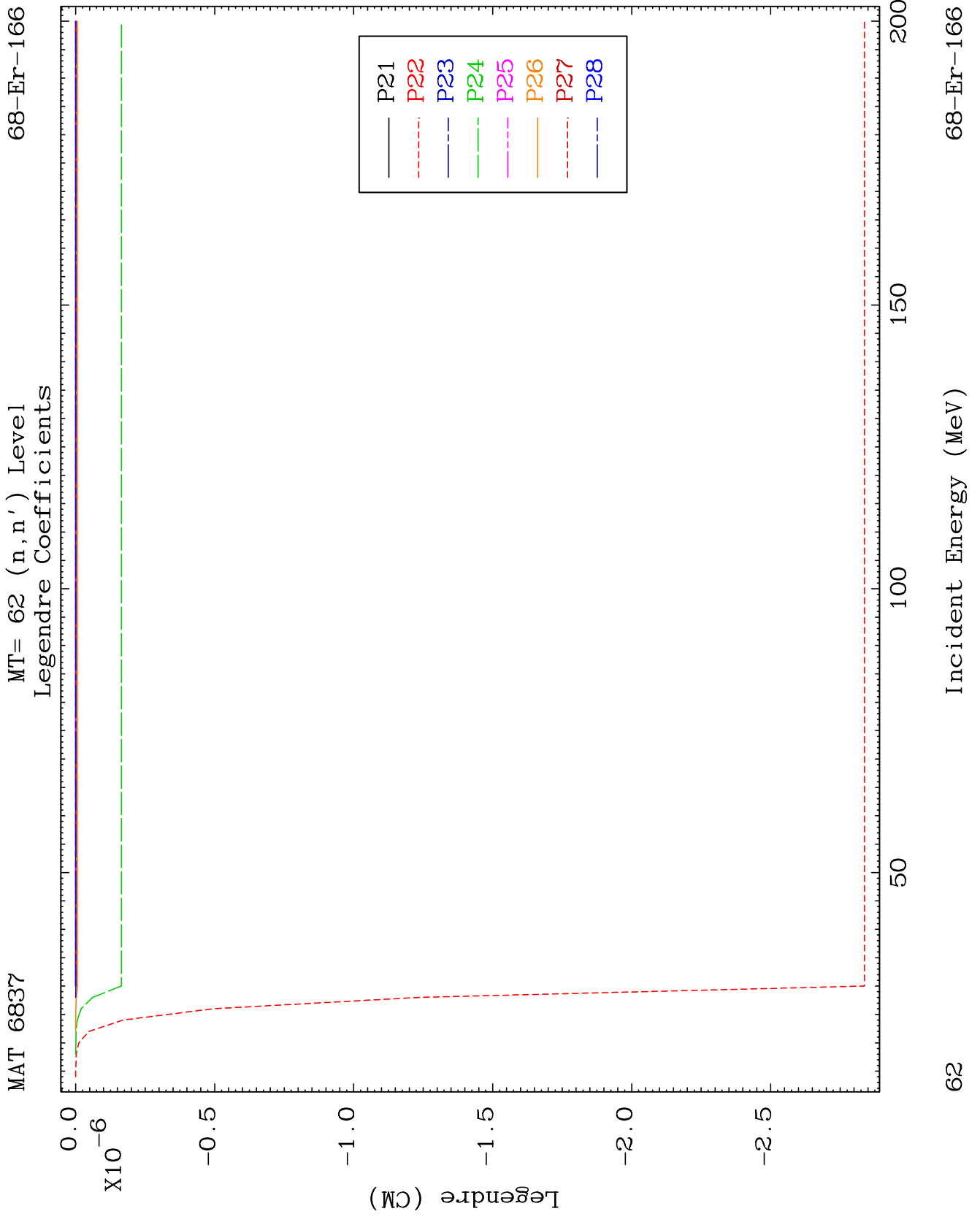
MT= 62 (n,n') Level
Legendre Coefficients

68-Er-166



68-Er-166

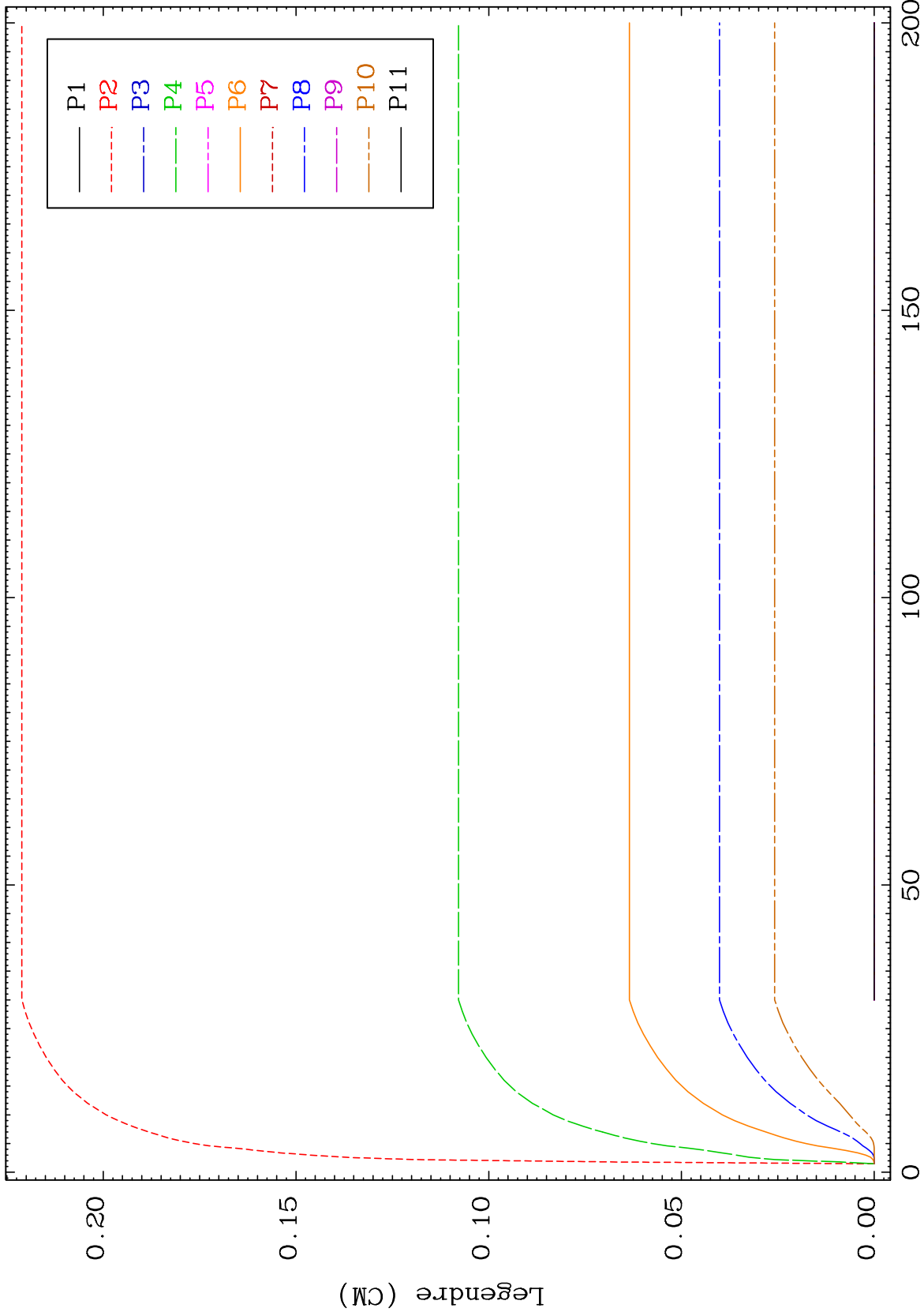




MAT 6837

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

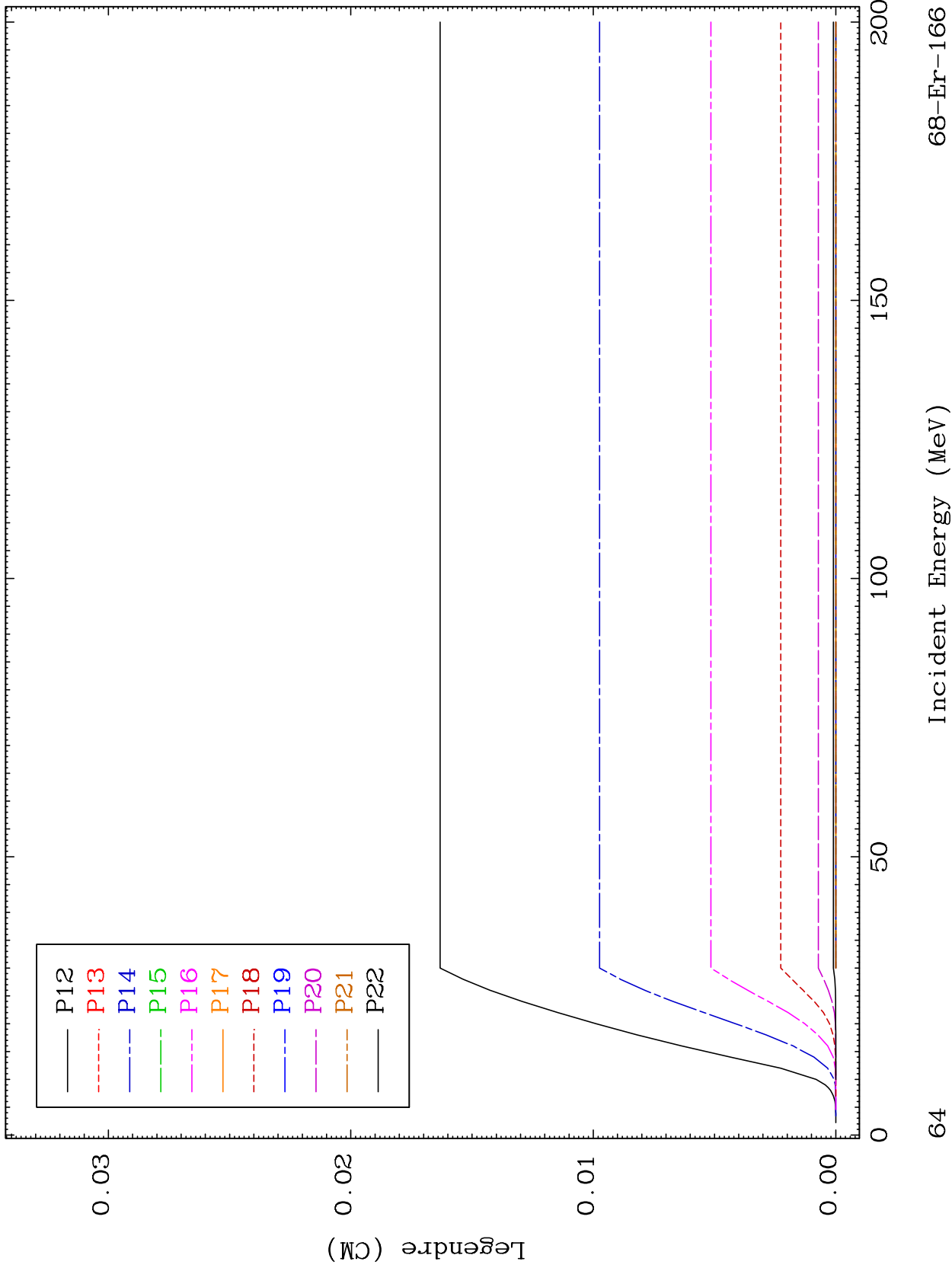
68-Er-166



68-Er-166

Incident Energy (MeV)

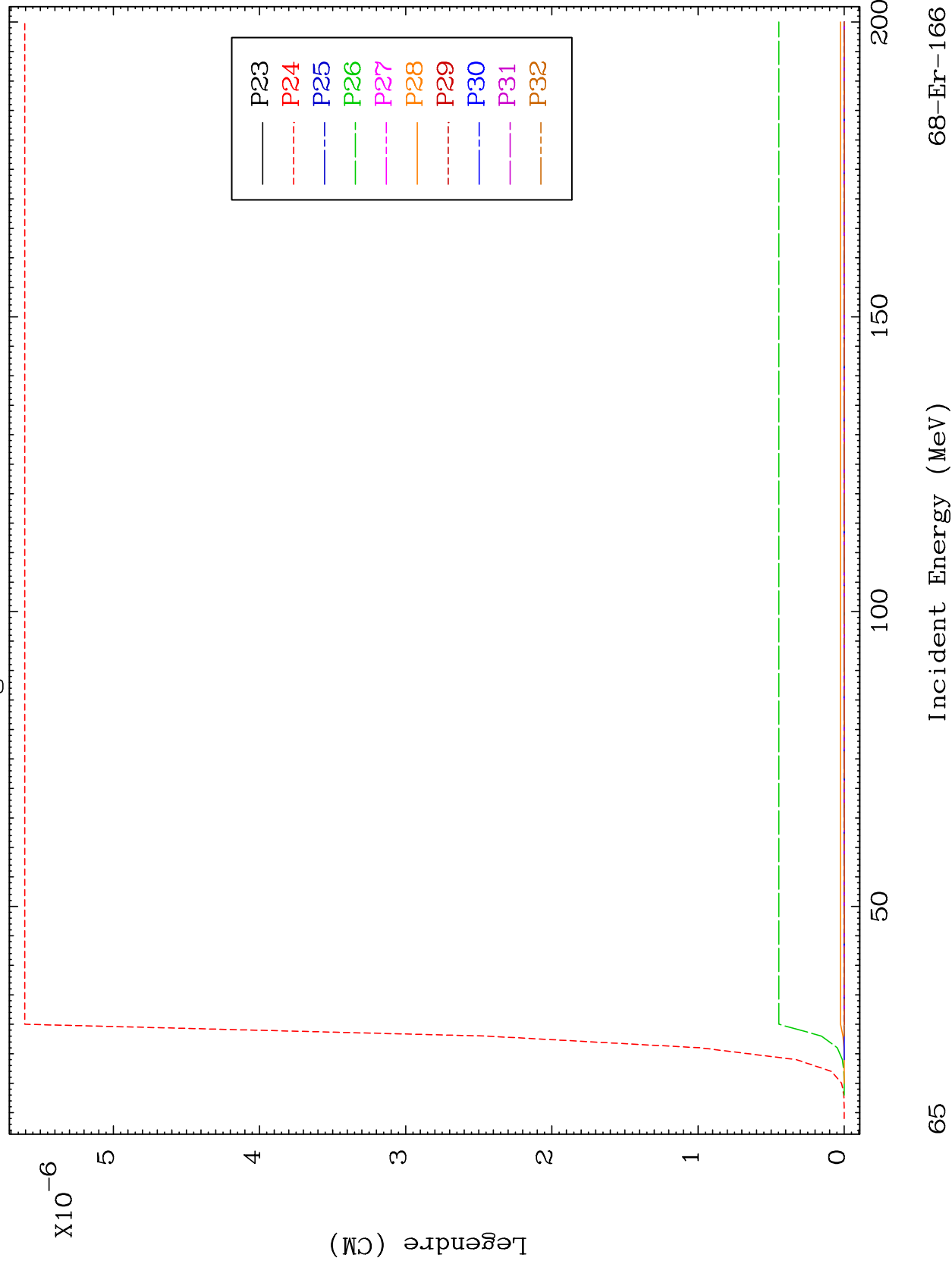
63



MAT 6837

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

68-Er-166



65

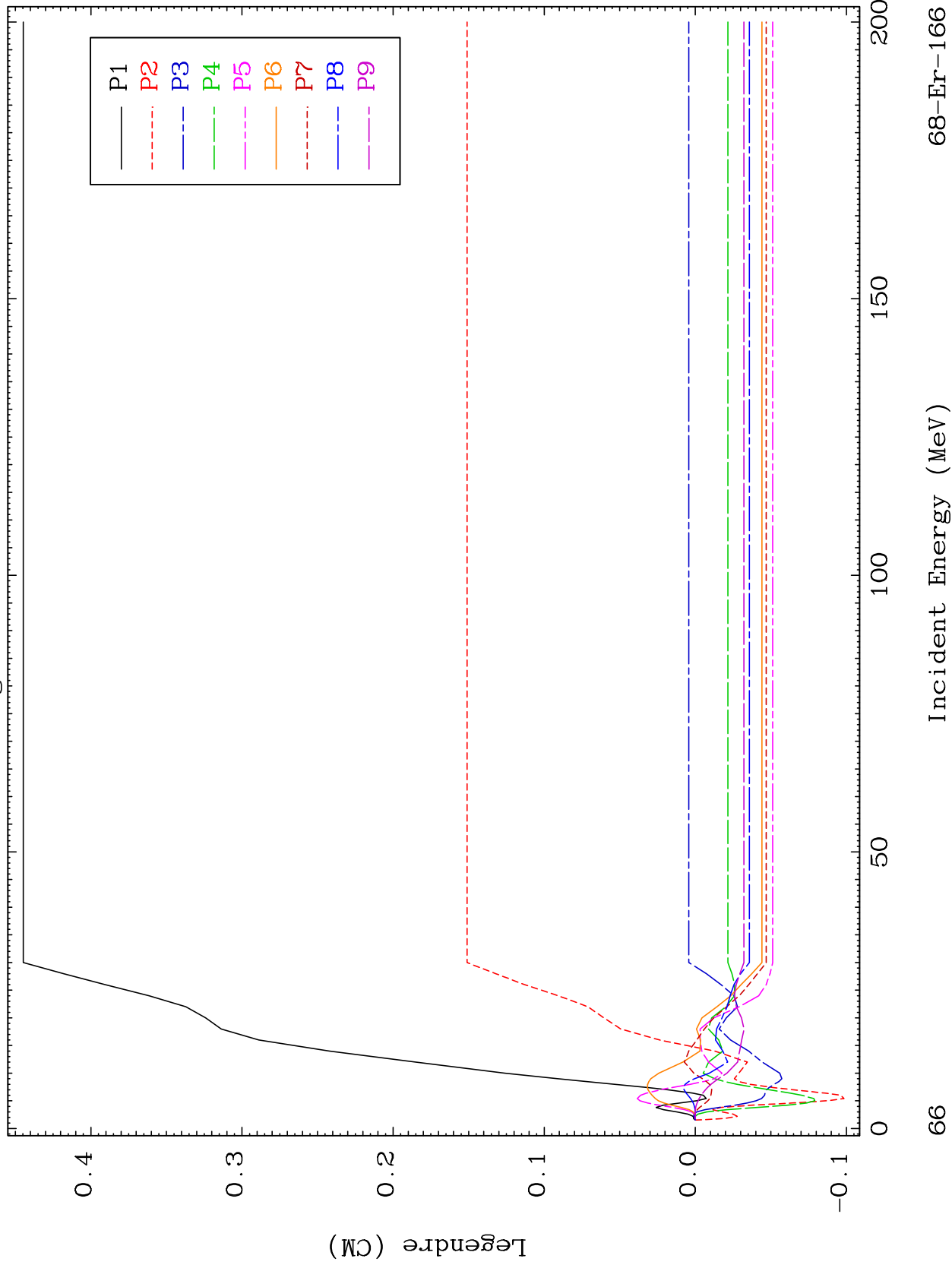
Incident Energy (MeV)

68-Er-166

MAT 6837

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

68-Er-166

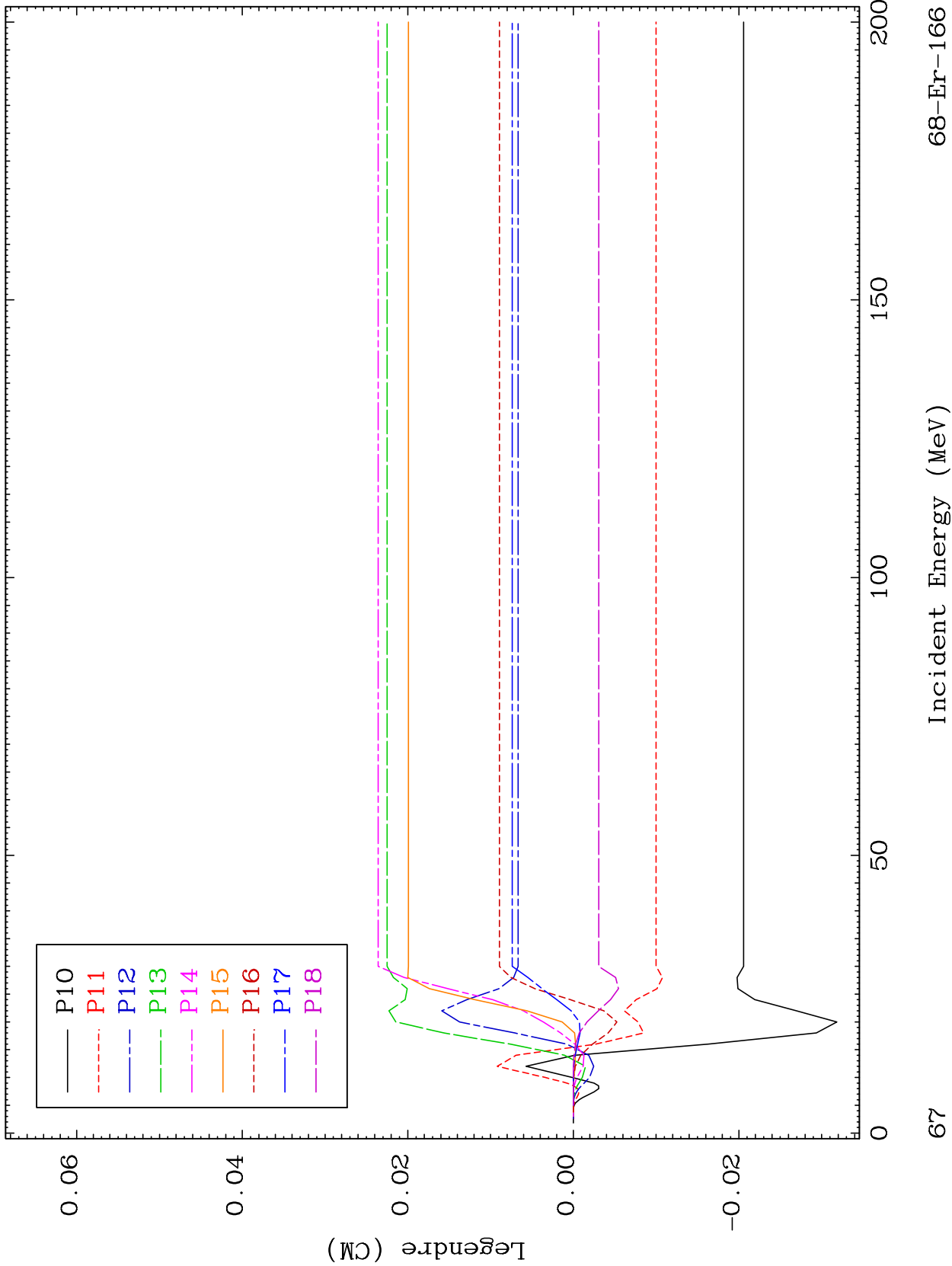


66

MAT 6837

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

68-Er-166



67

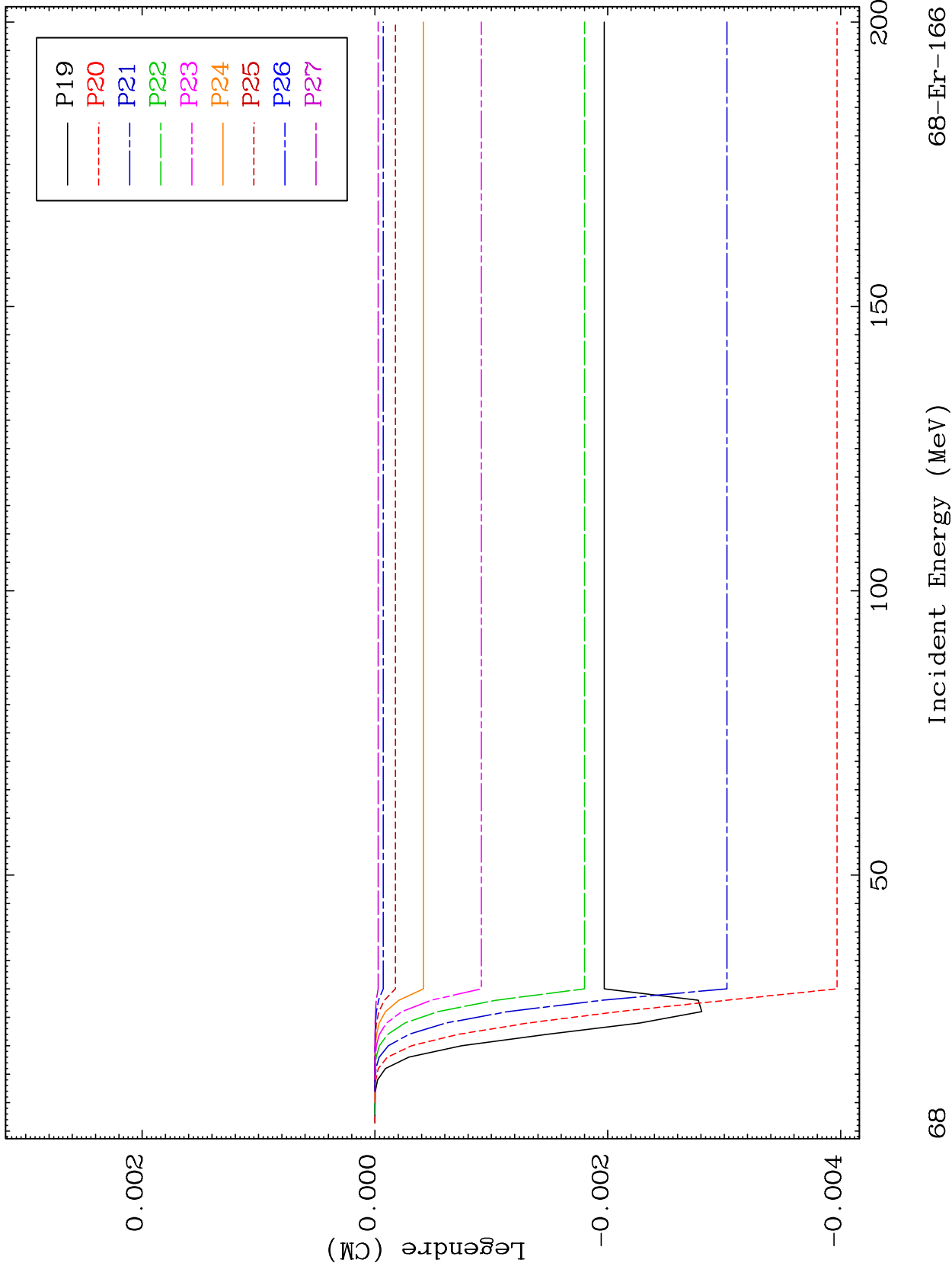
Incident Energy (MeV)

68-Er-166

MAT 6837

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

68-Er-166



68

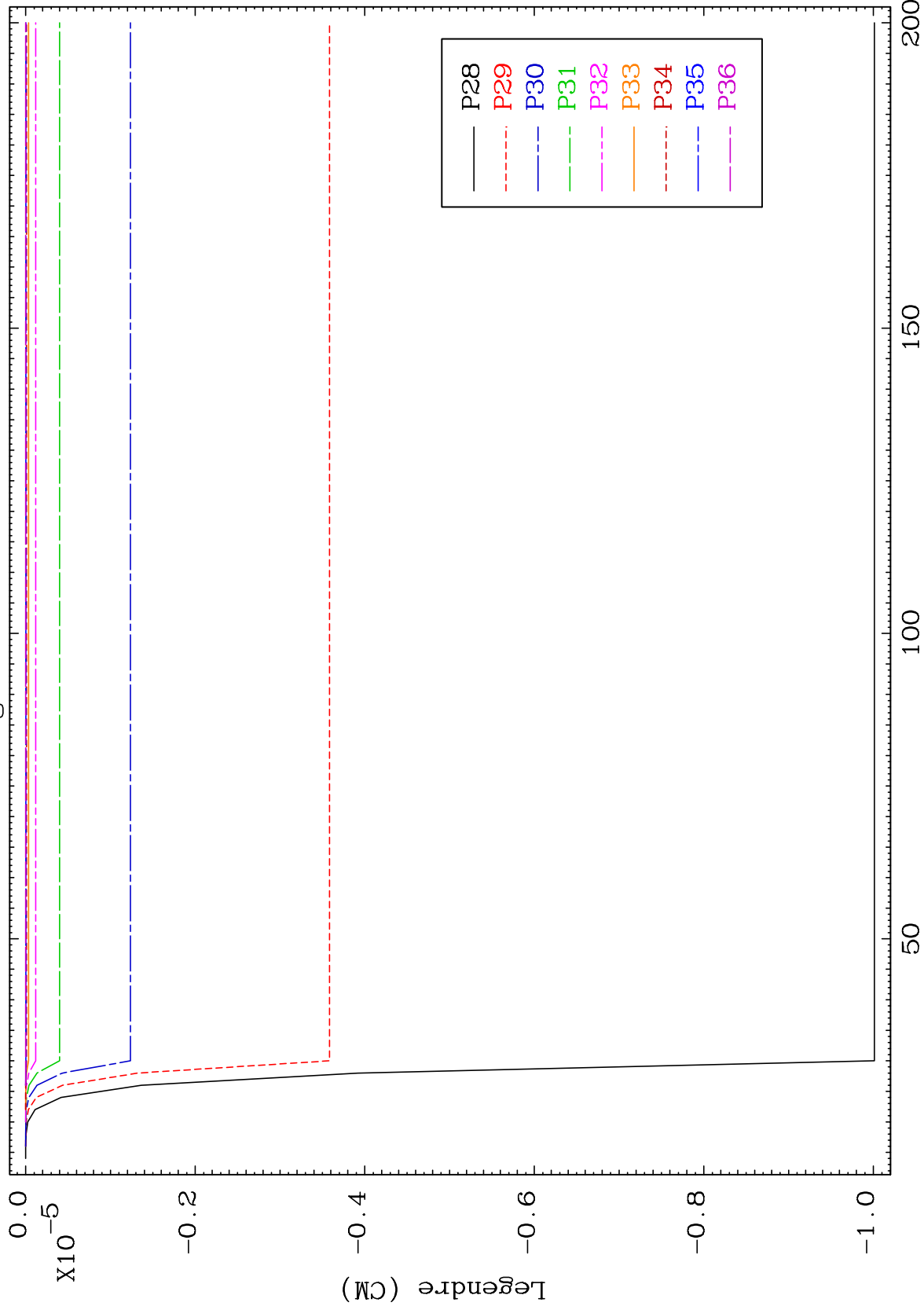
Incident Energy (MeV)

68-Er-166

MAT 6837

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

68-Er-166



69

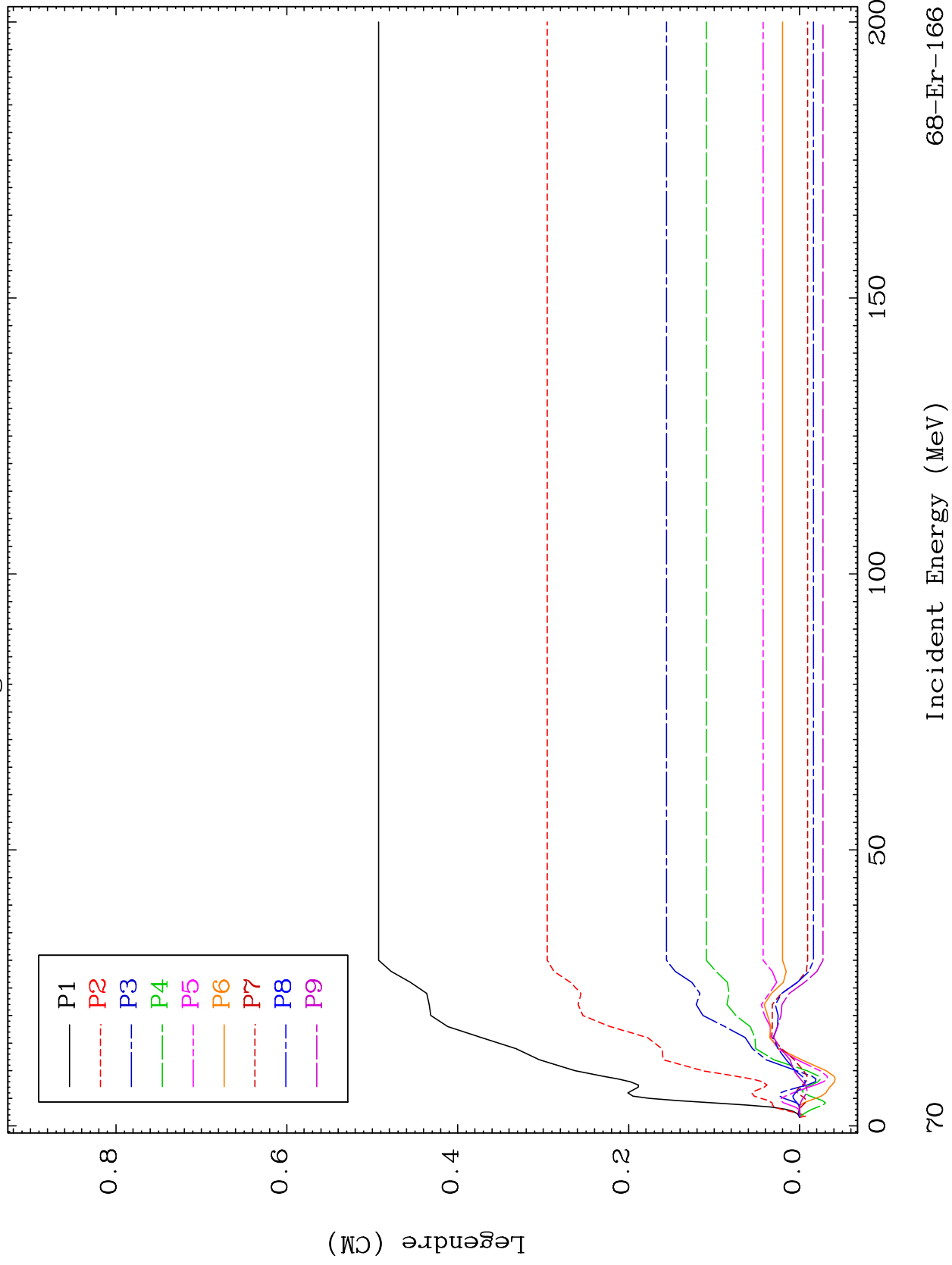
Incident Energy (MeV)

68-Er-166

MAT 6837

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

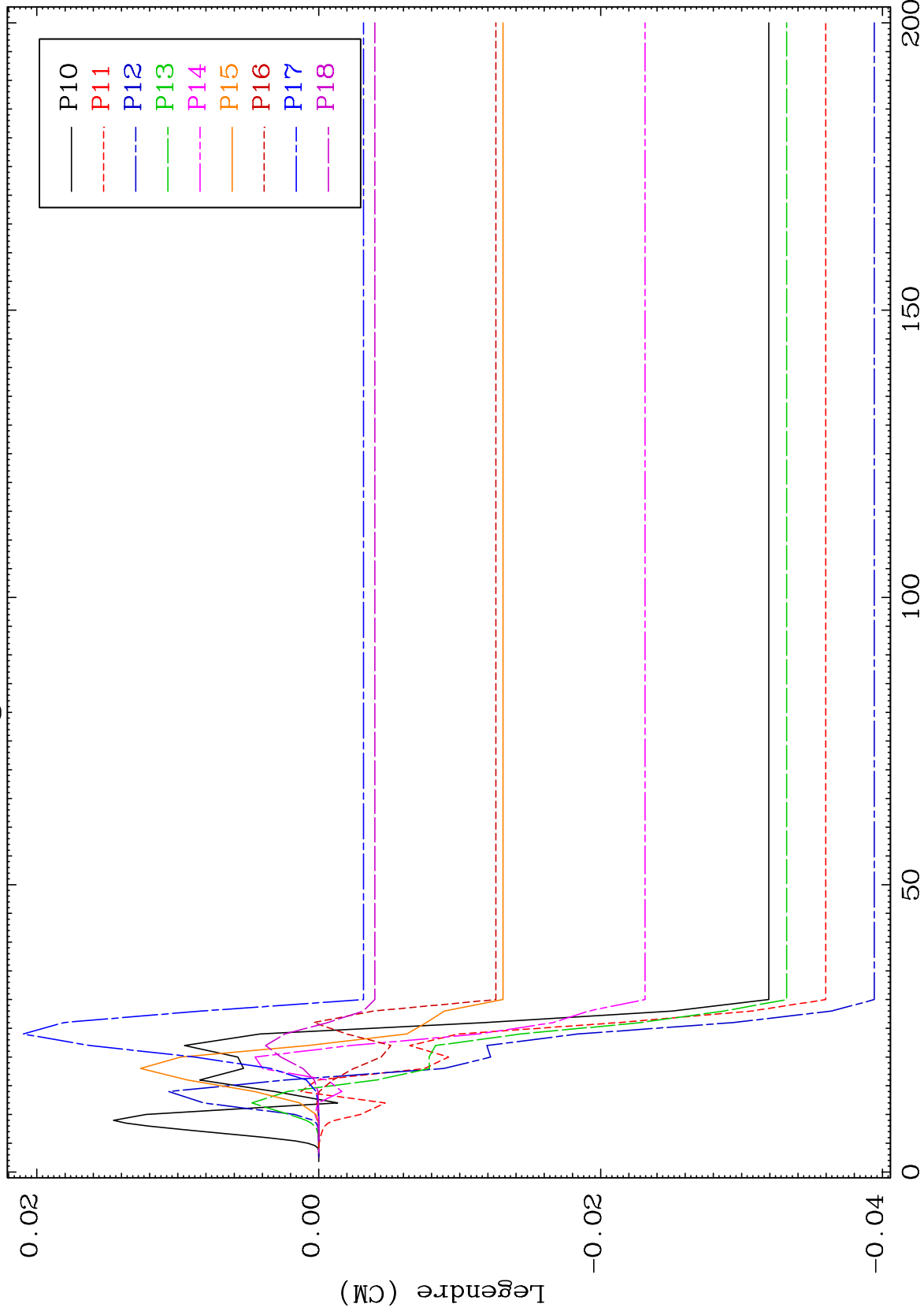
68-Er-166



MAT 6837

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

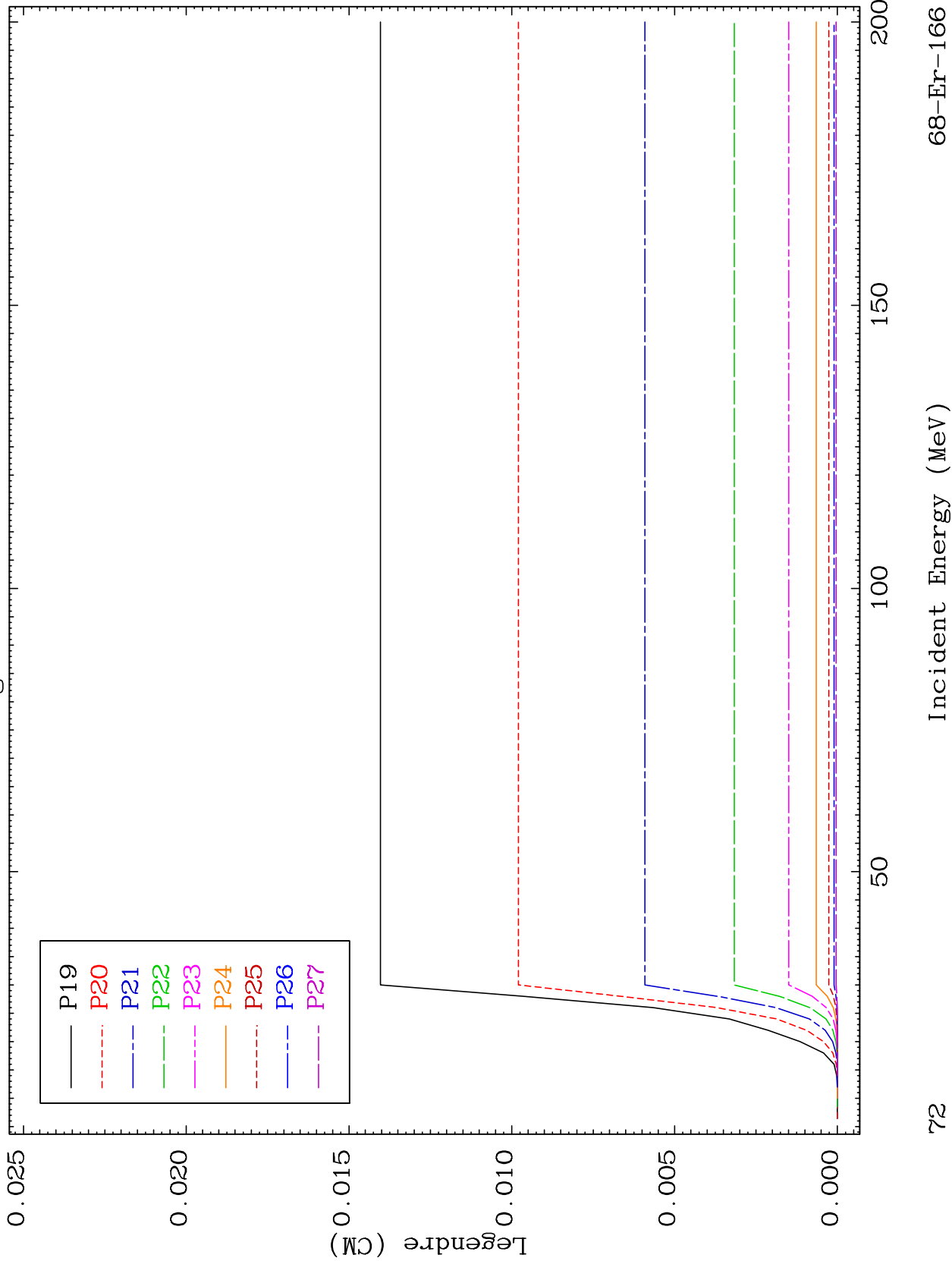
68-Er-166



71

Incident Energy (MeV)

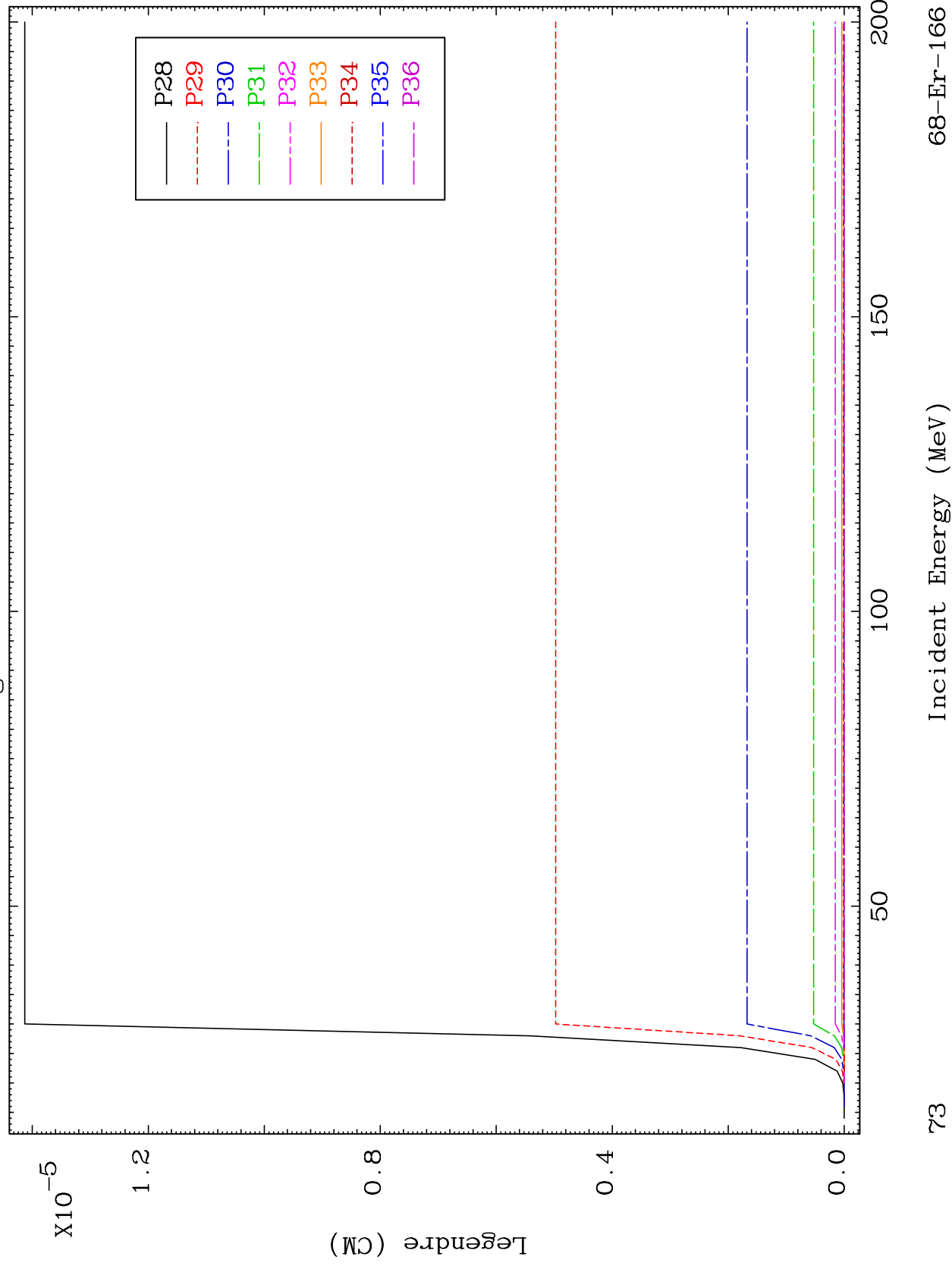
68-Er-166



MAT 6837

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

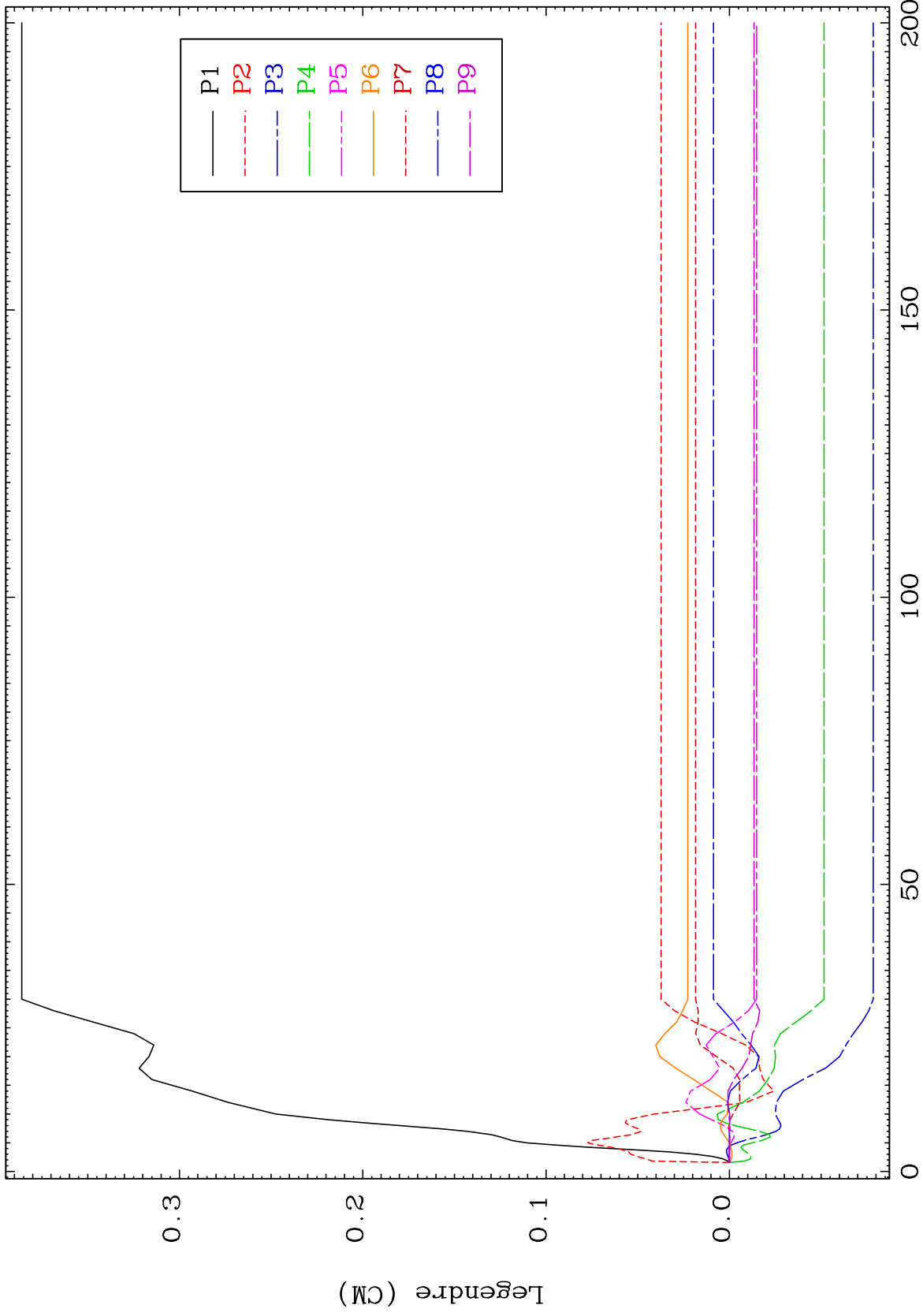
68-Er-166



MAT 6837

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

68-Er-166



74

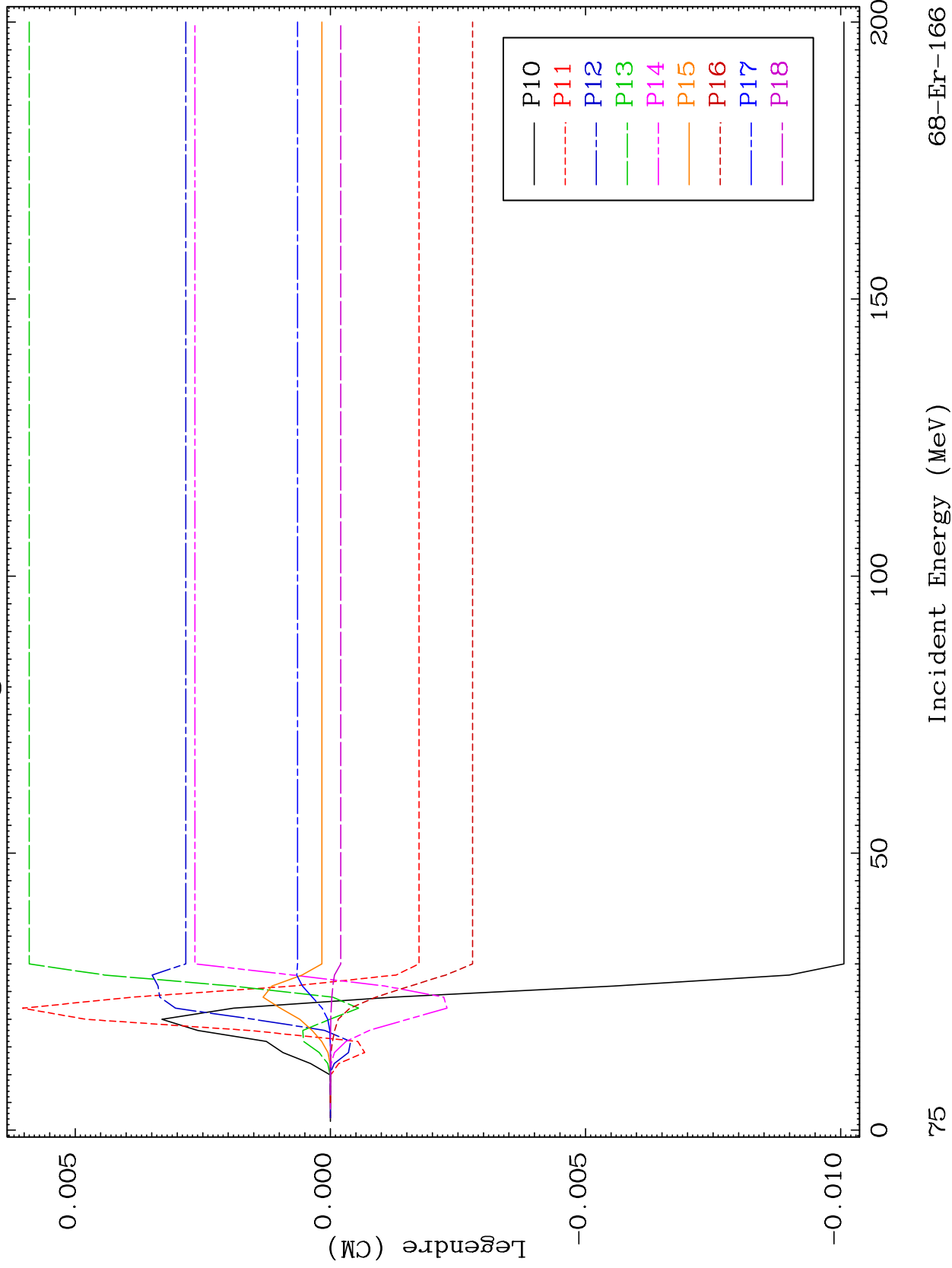
Incident Energy (MeV)

68-Er-166

MAT 6837

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

68-Er-166



68-Er-166

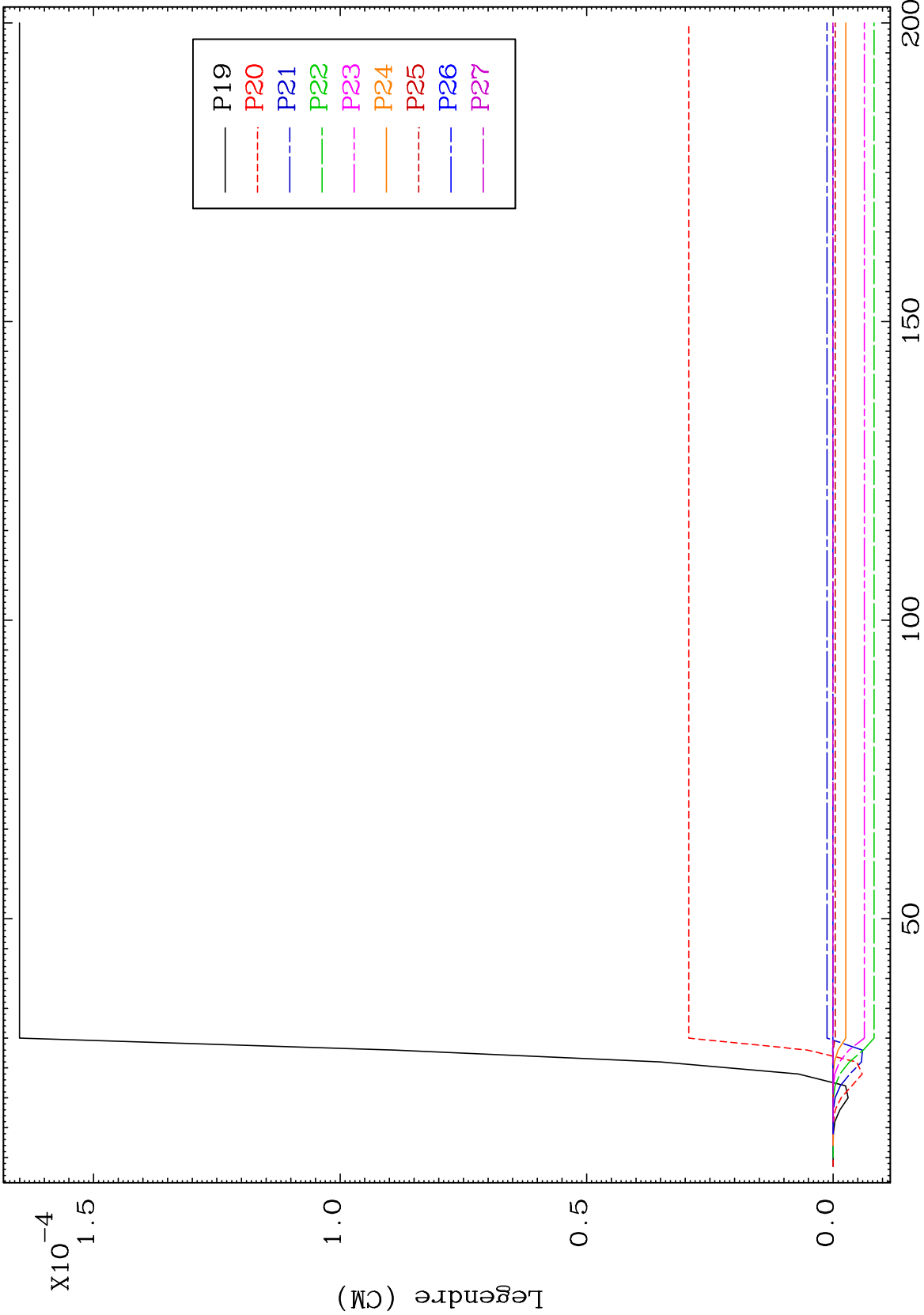
Incident Energy (MeV)

75

MAT 6837

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

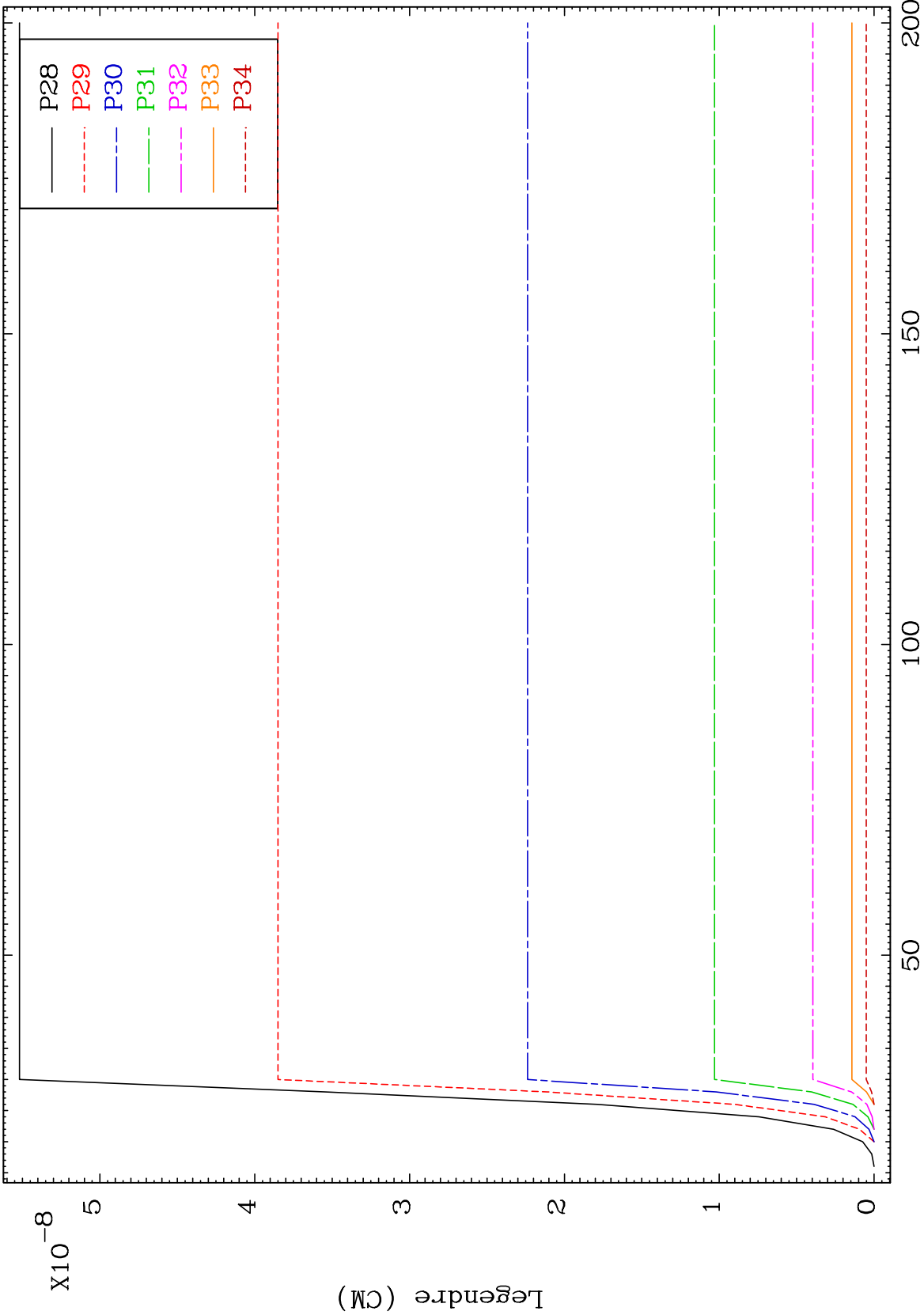
68-Er-166



76

Incident Energy (MeV)

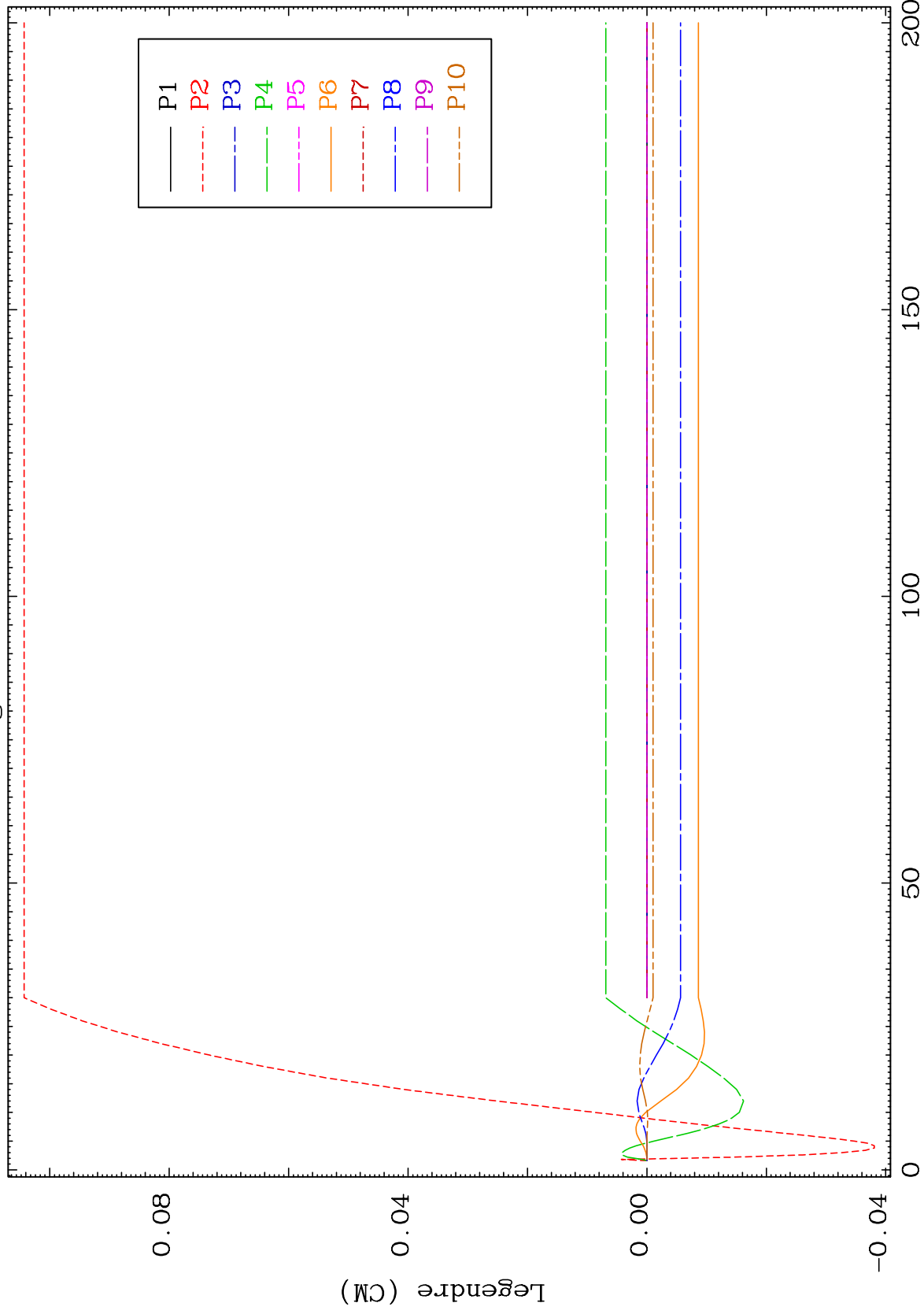
68-Er-166



MAT 6837

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

68-Er-166



68-Er-166

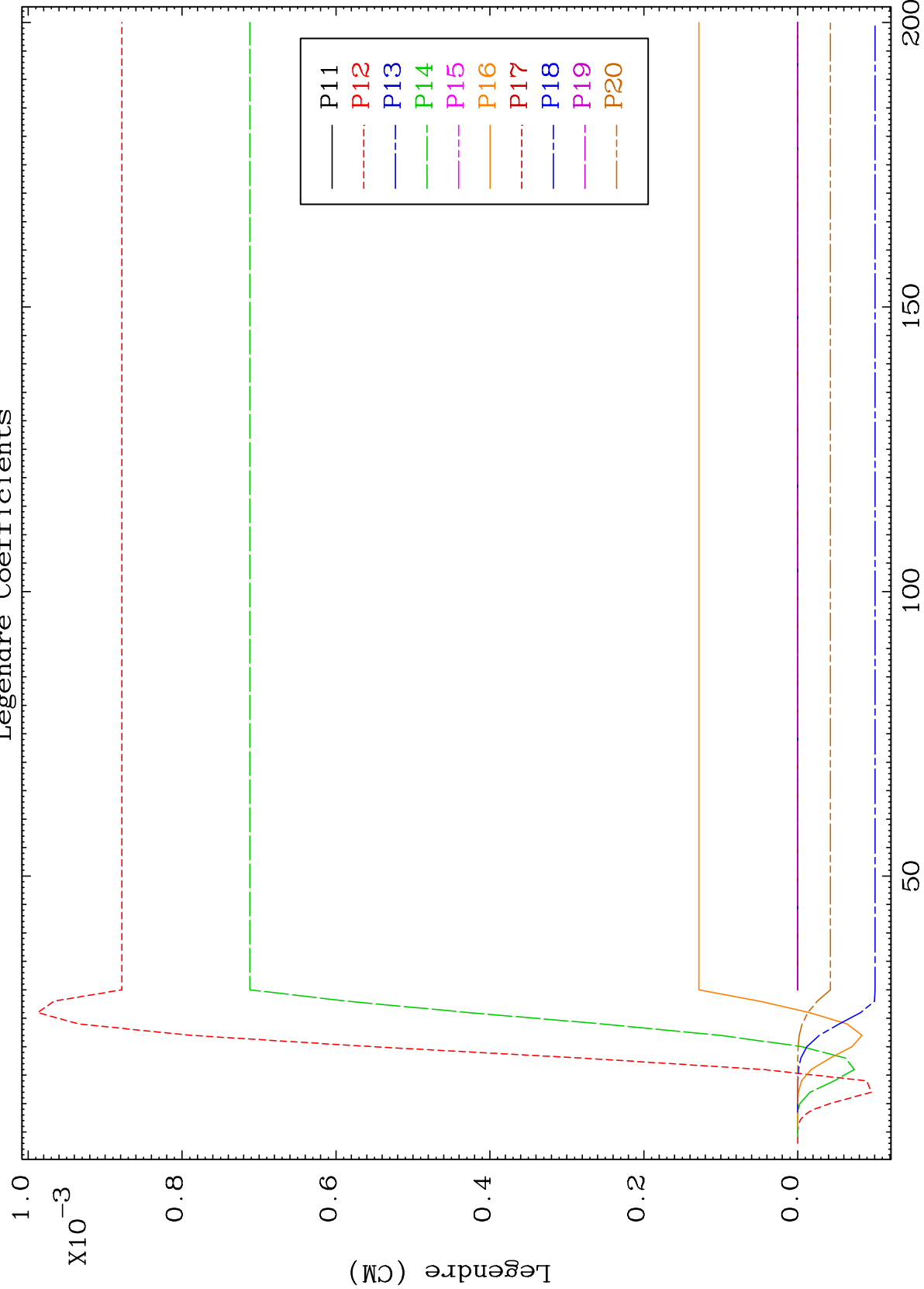
Incident Energy (MeV)

78

MAT 6837

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

68-Er-166



79

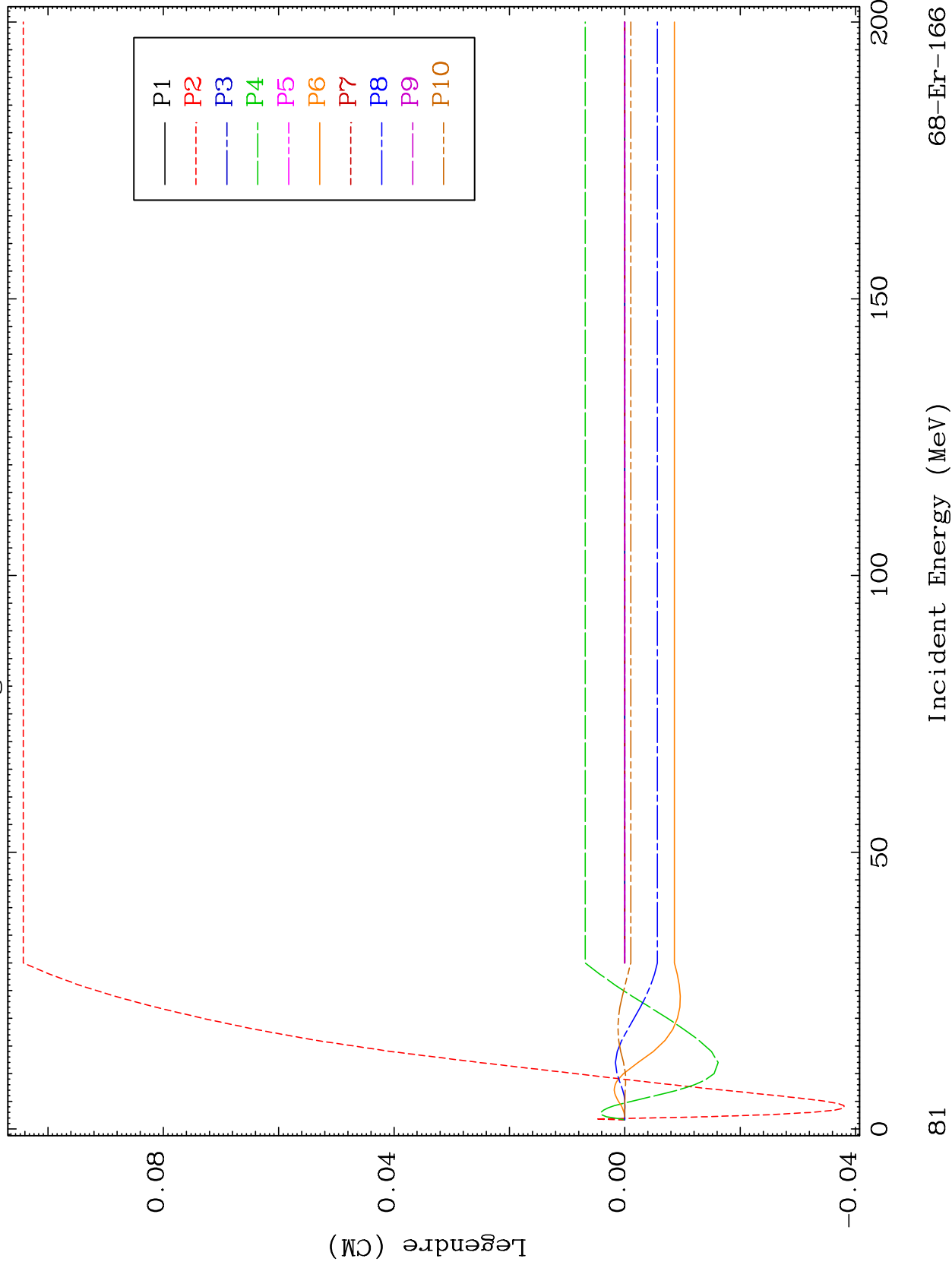
Incident Energy (MeV)

68-Er-166

MAT 6837

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

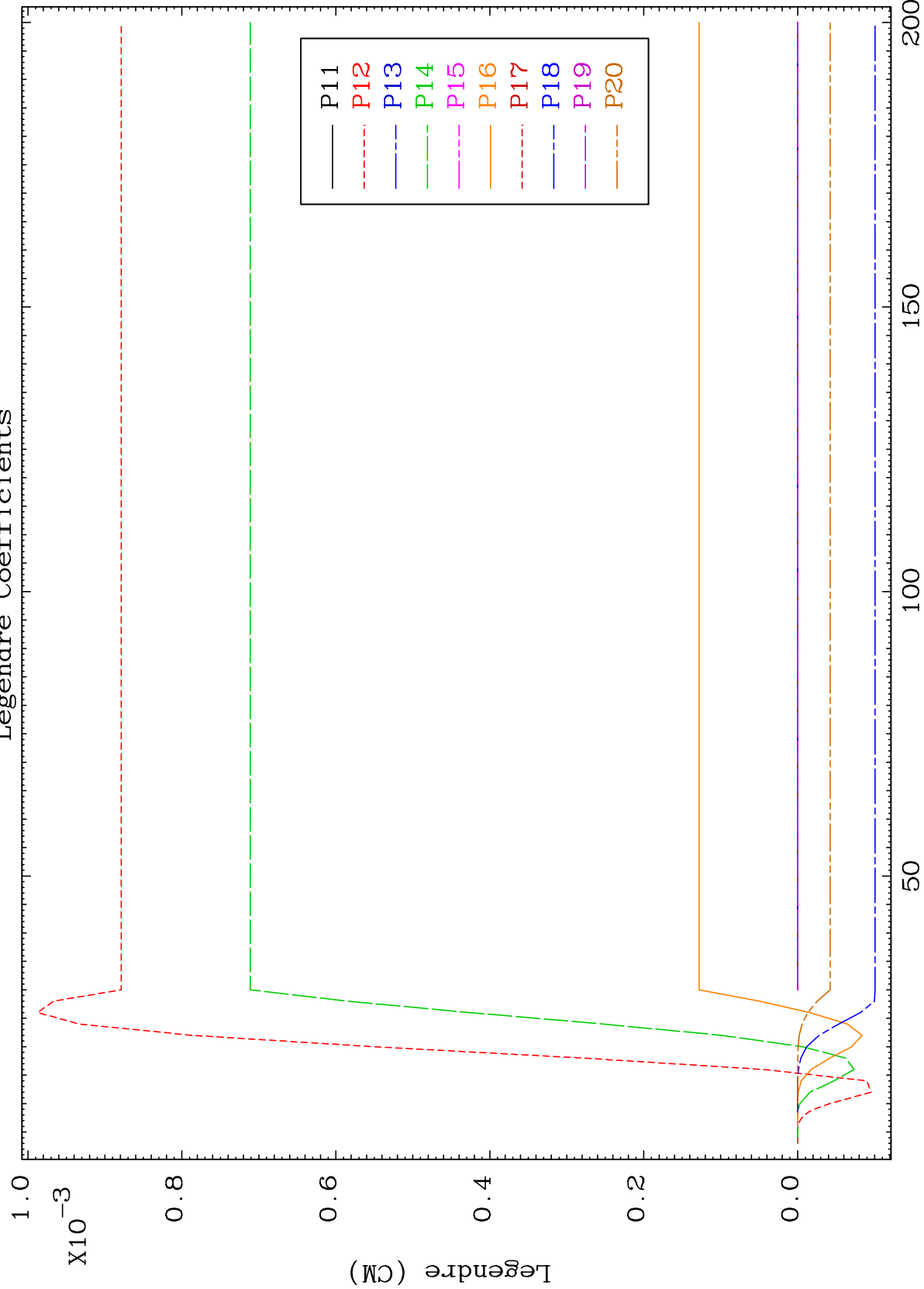
68-Er-166



MAT 6837

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

68-Er-166



82

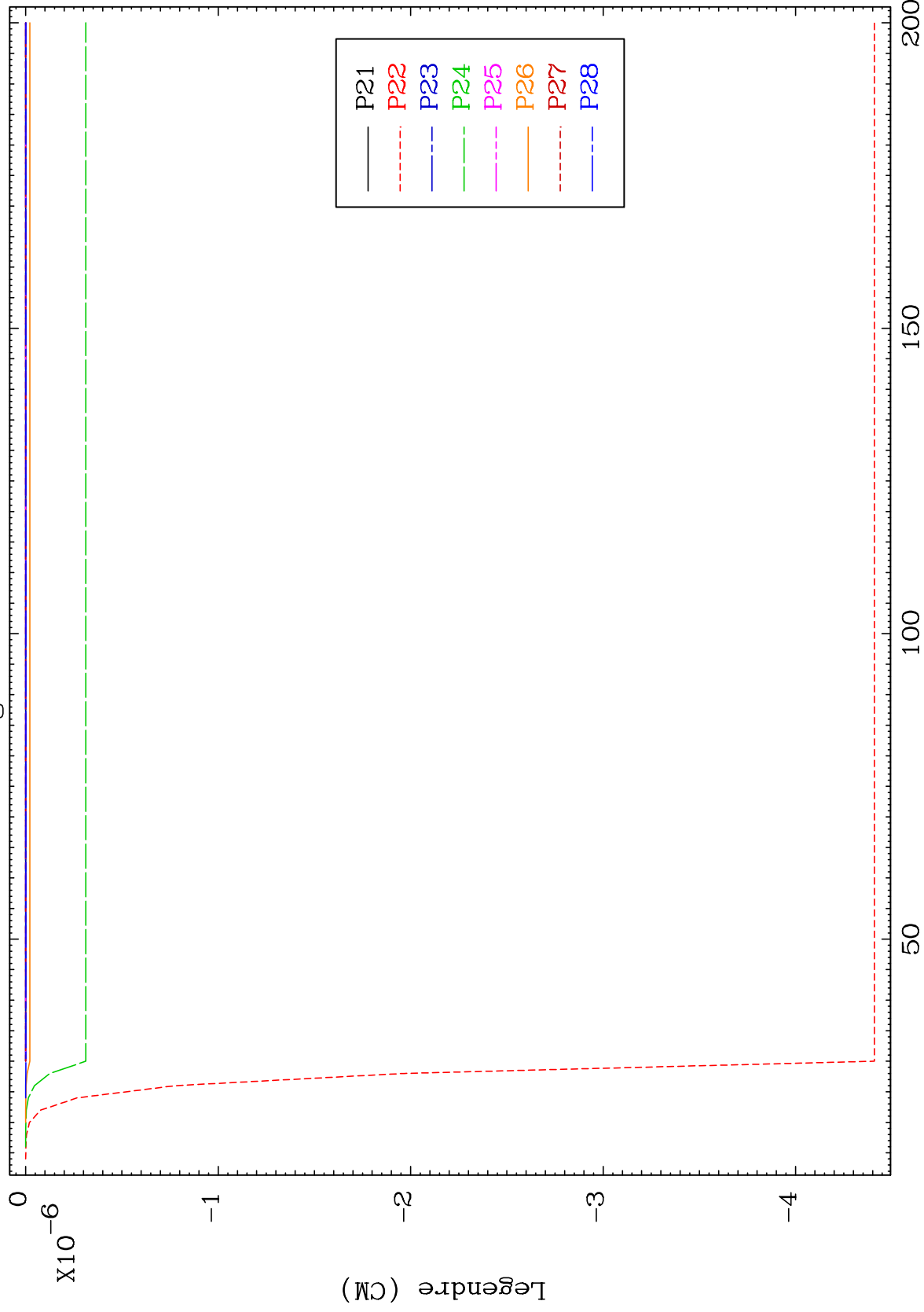
Incident Energy (MeV)

68-Er-166

MAT 6837

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

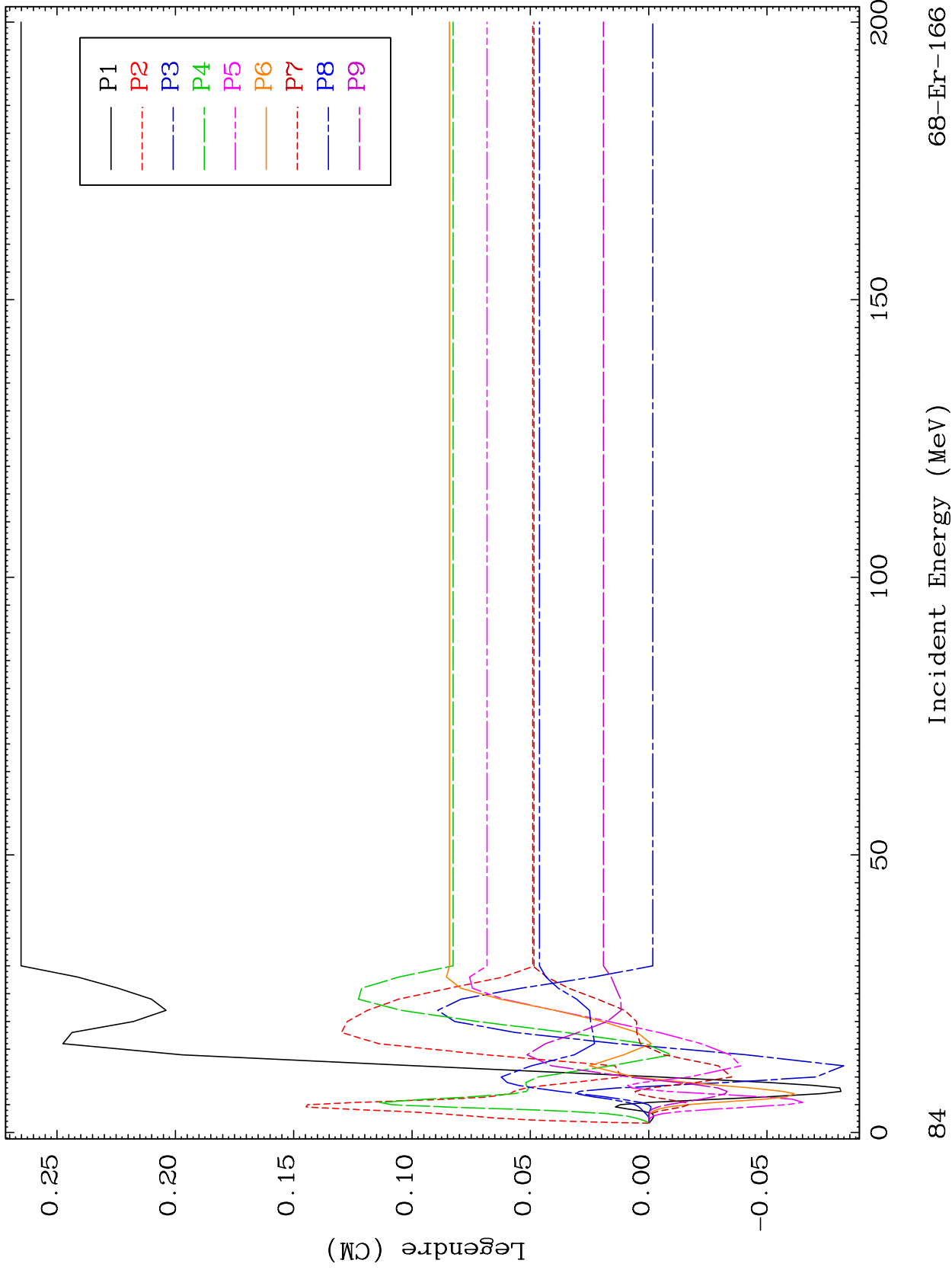
68-Er-166



83

Incident Energy (MeV)

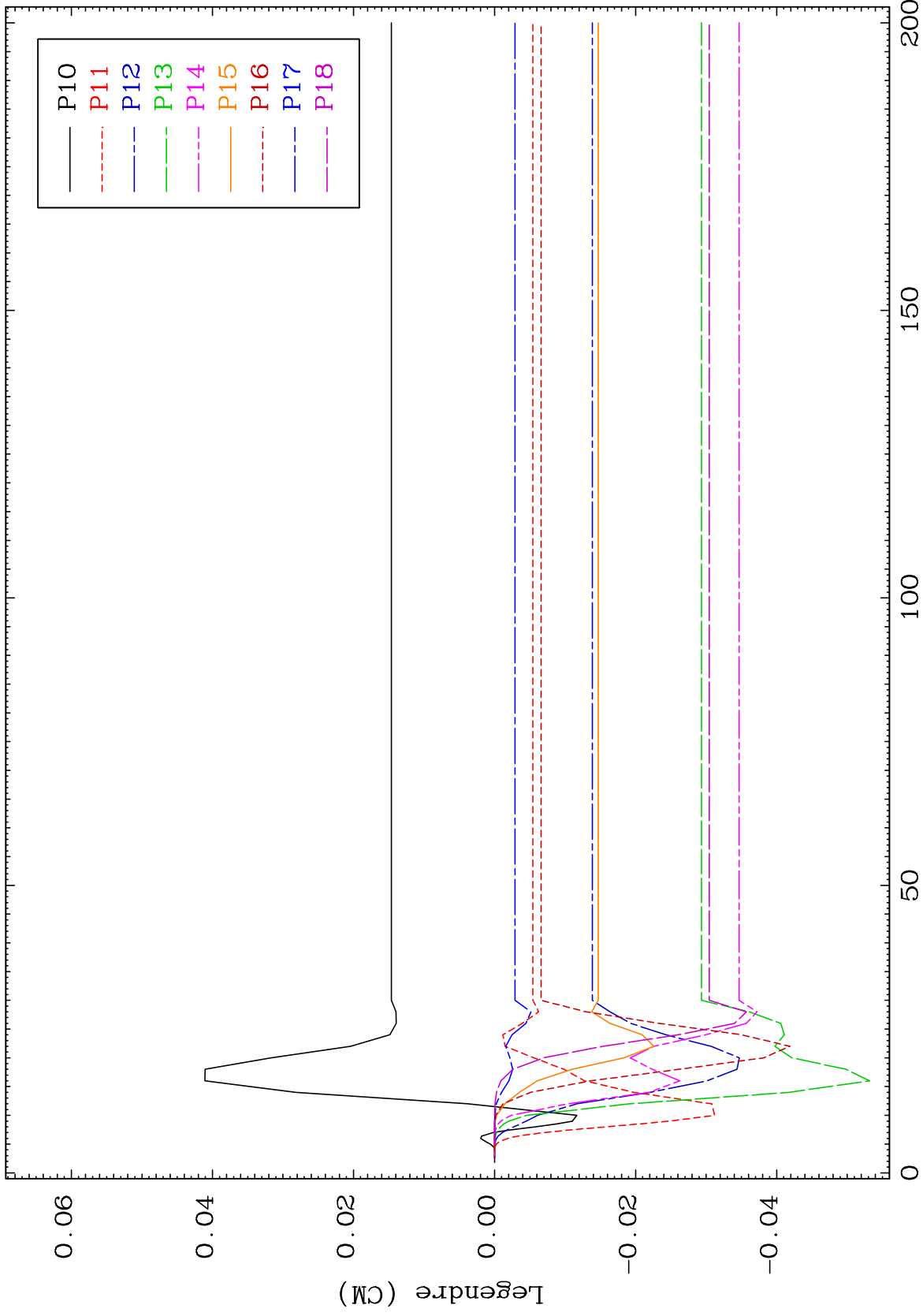
68-Er-166



MAT 6837

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

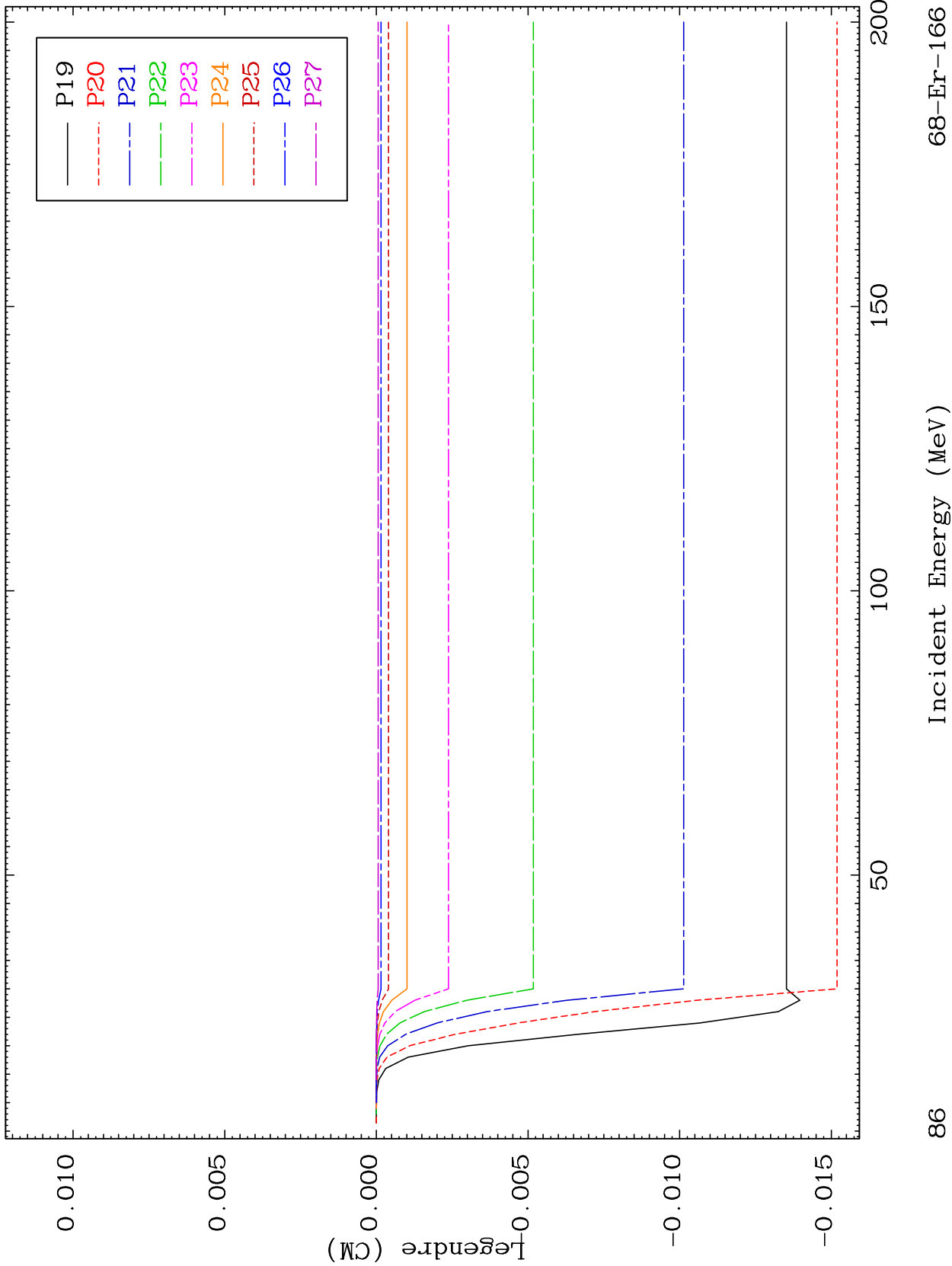
68-Er-166



85

Incident Energy (MeV)

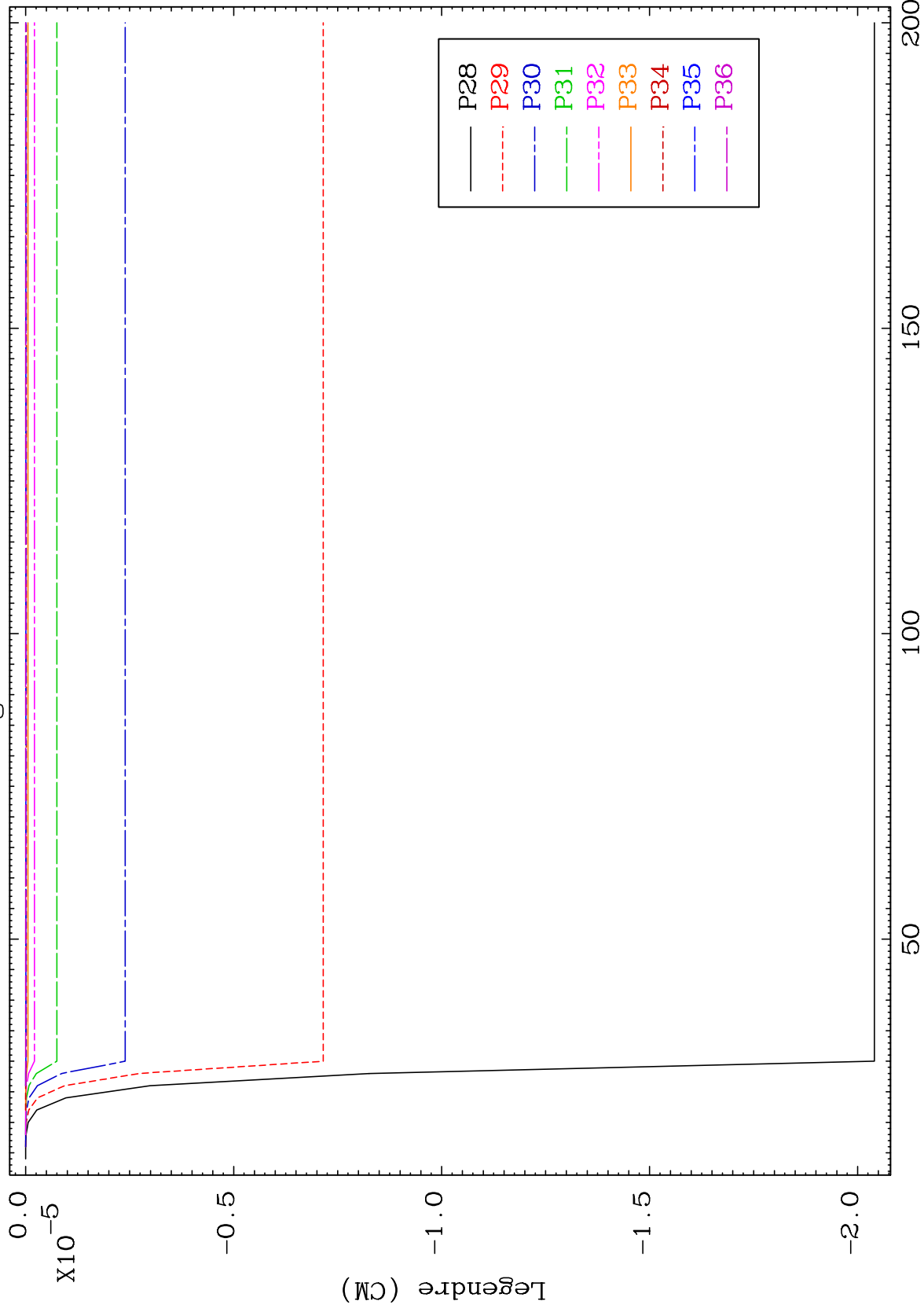
68-Er-166



MAT 6837

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

68-Er-166



87

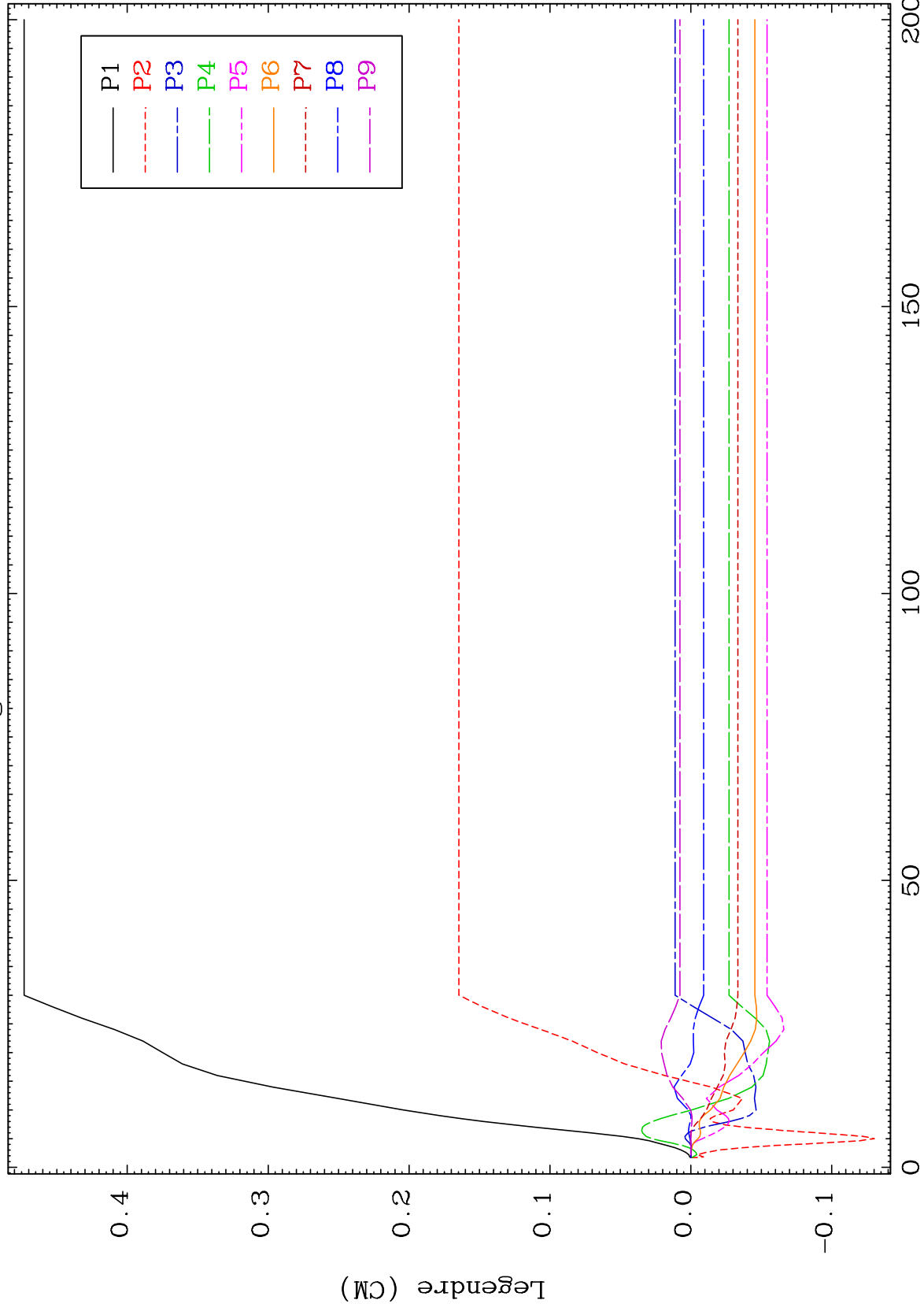
Incident Energy (MeV)

68-Er-166

MAT 6837

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

68-Er-166



88

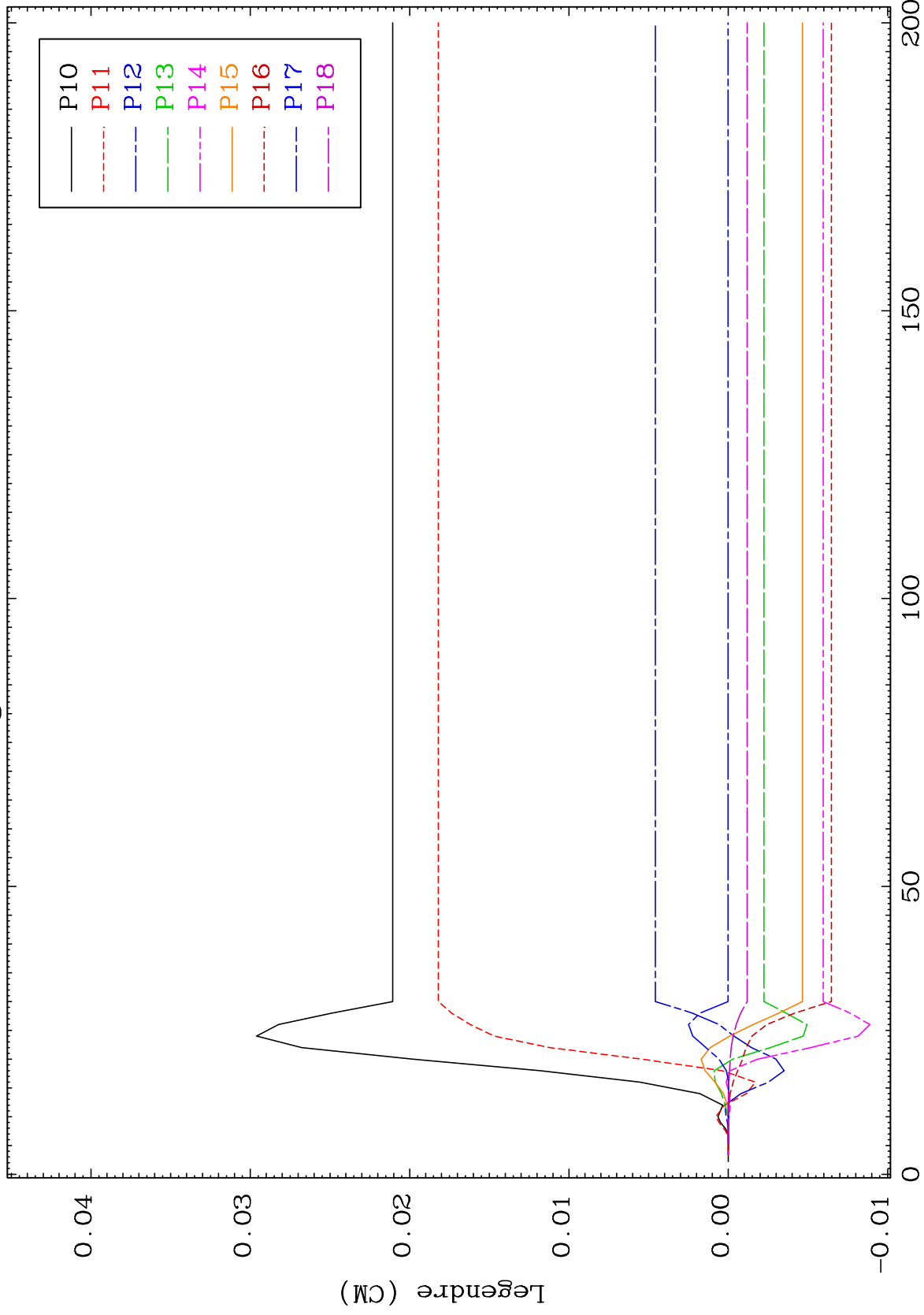
Incident Energy (MeV)

68-Er-166

MAT 6837

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

68-Er-166



89

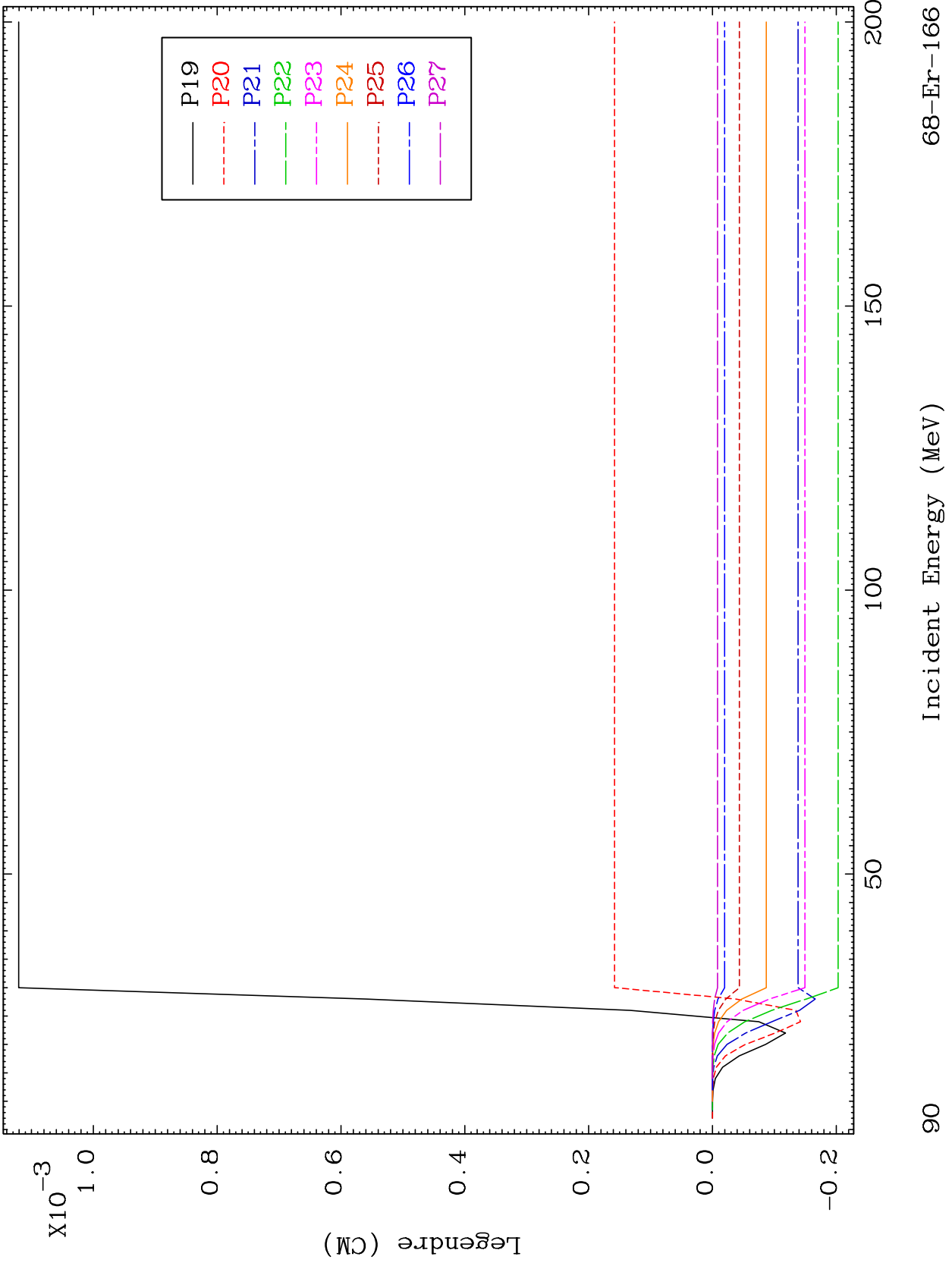
Incident Energy (MeV)

68-Er-166

MAT 6837

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

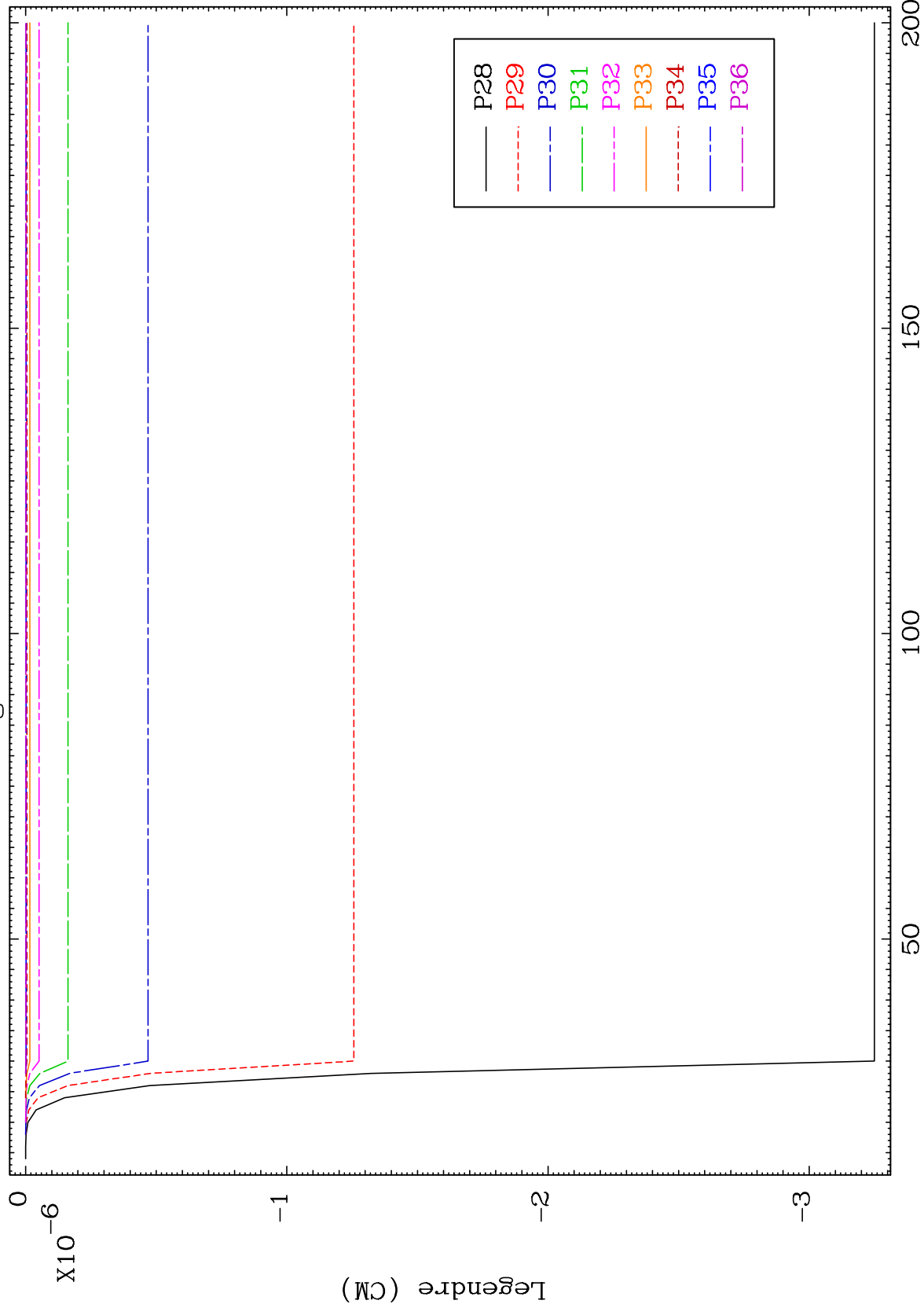
68-Er-166



MAT 6837

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

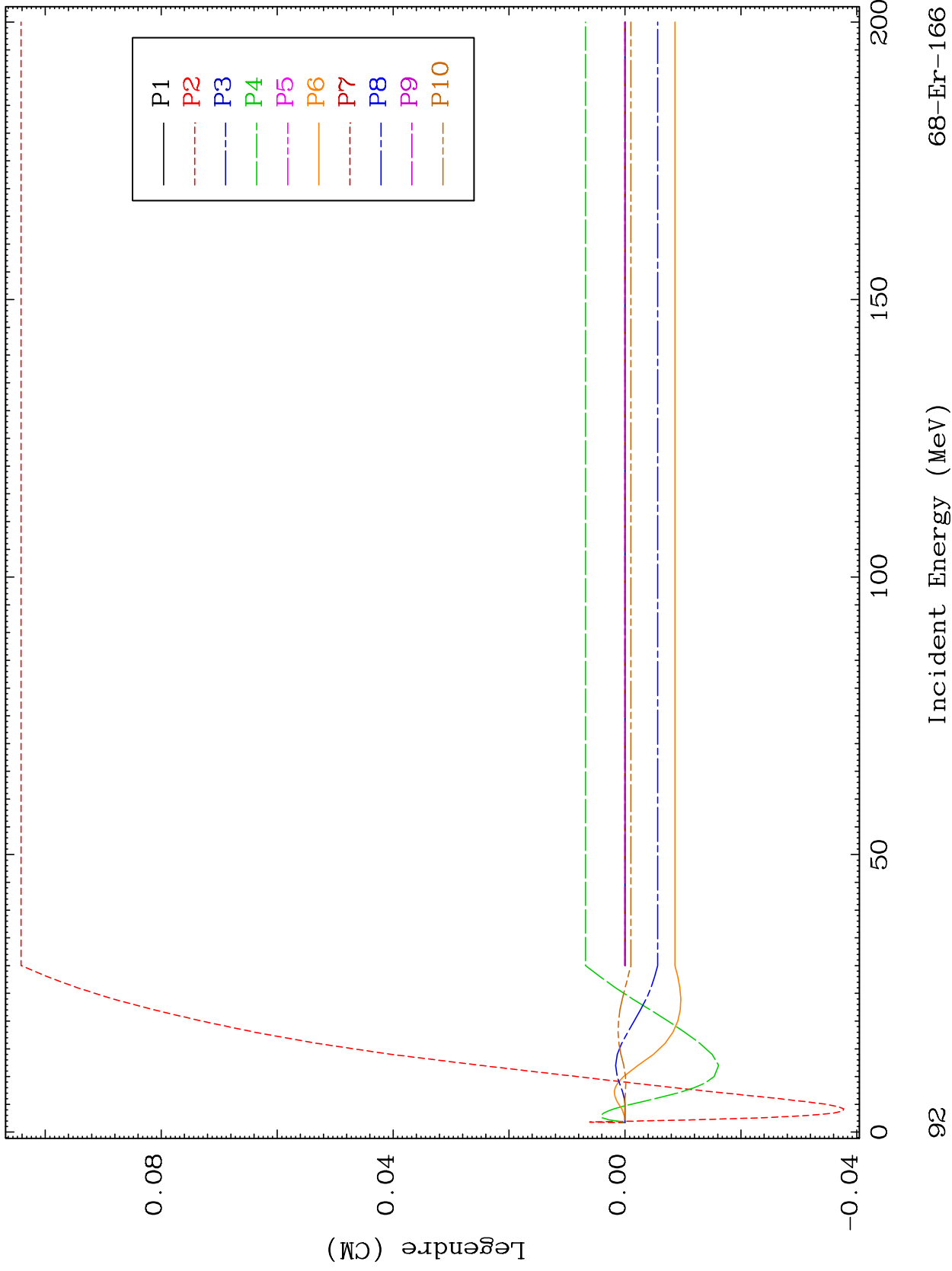
68-Er-166



MAT 6837

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

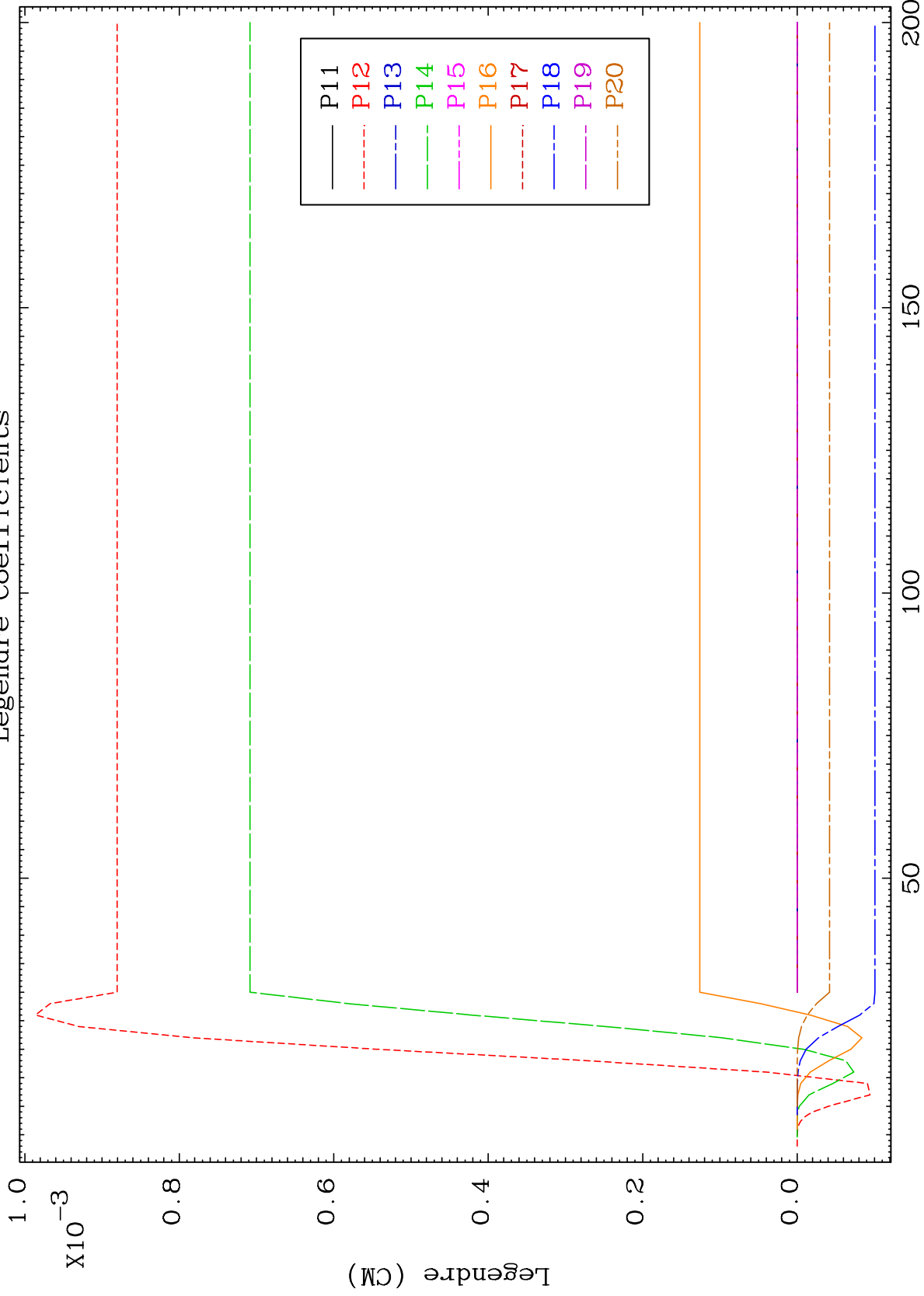
68-Er-166



68-Er-166

Incident Energy (MeV)

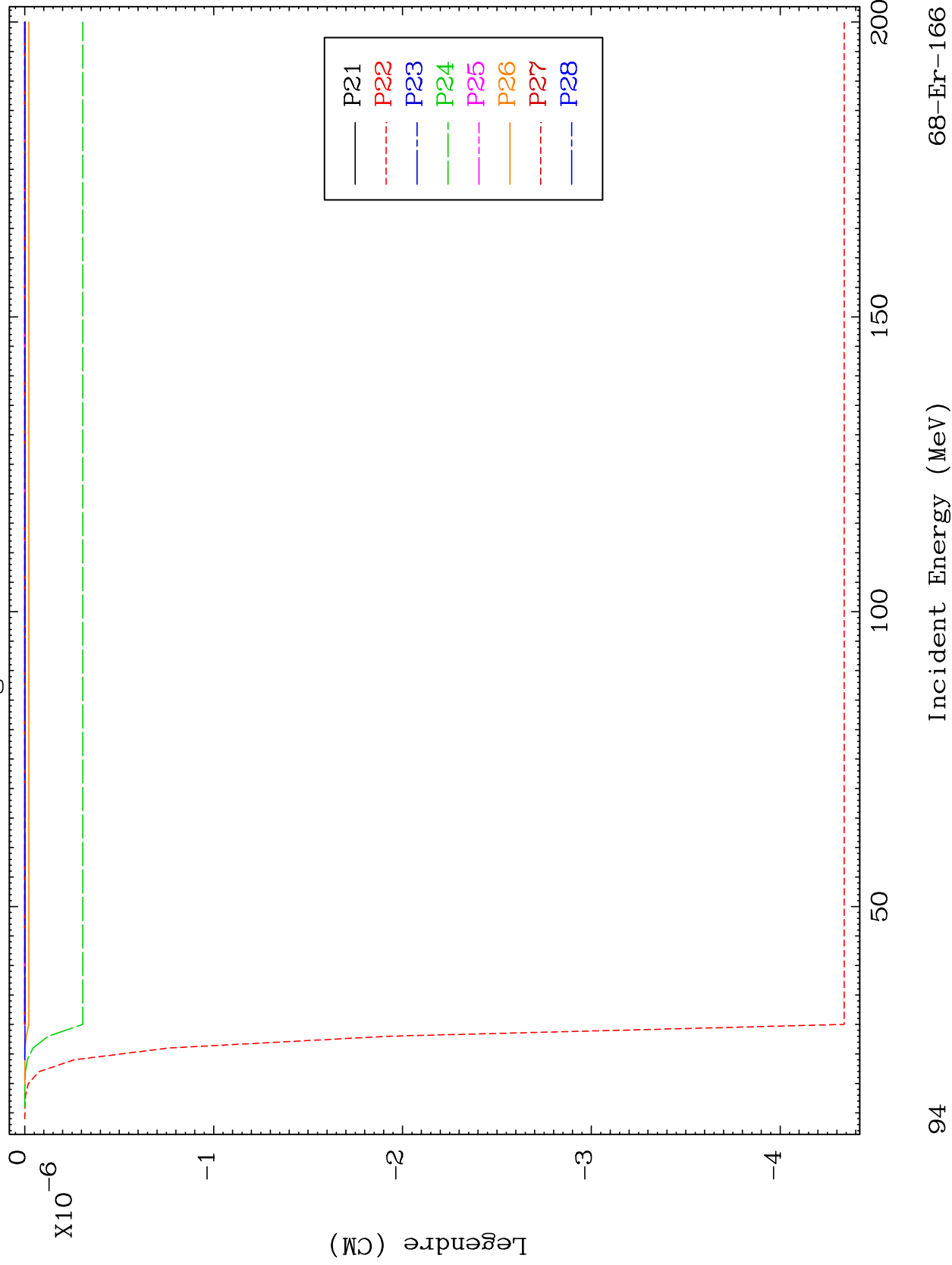
92



MAT 6837

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

68-Er-166



94

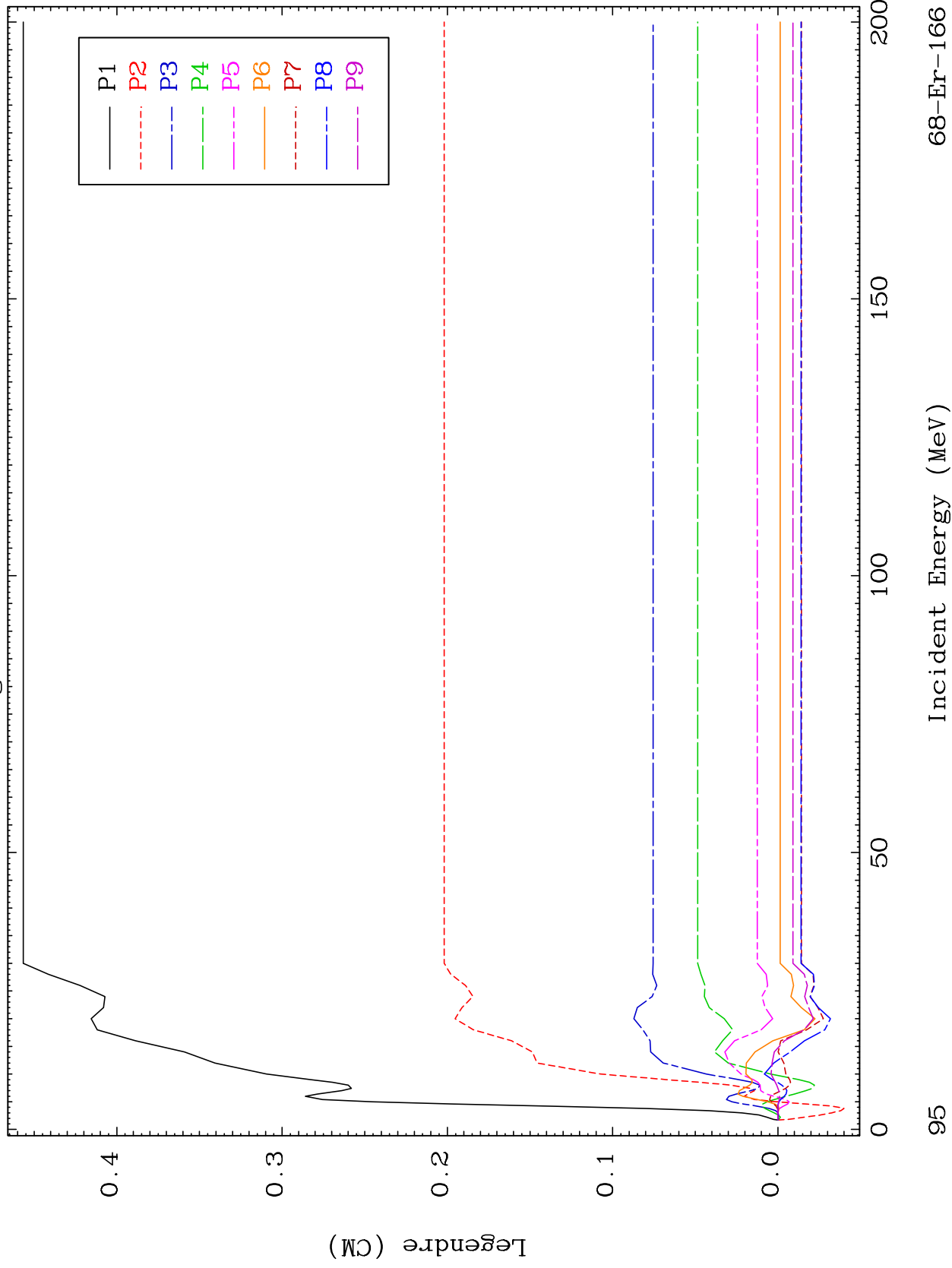
Incident Energy (MeV)

68-Er-166

MAT 6837

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

68-Er-166



68-Er-166

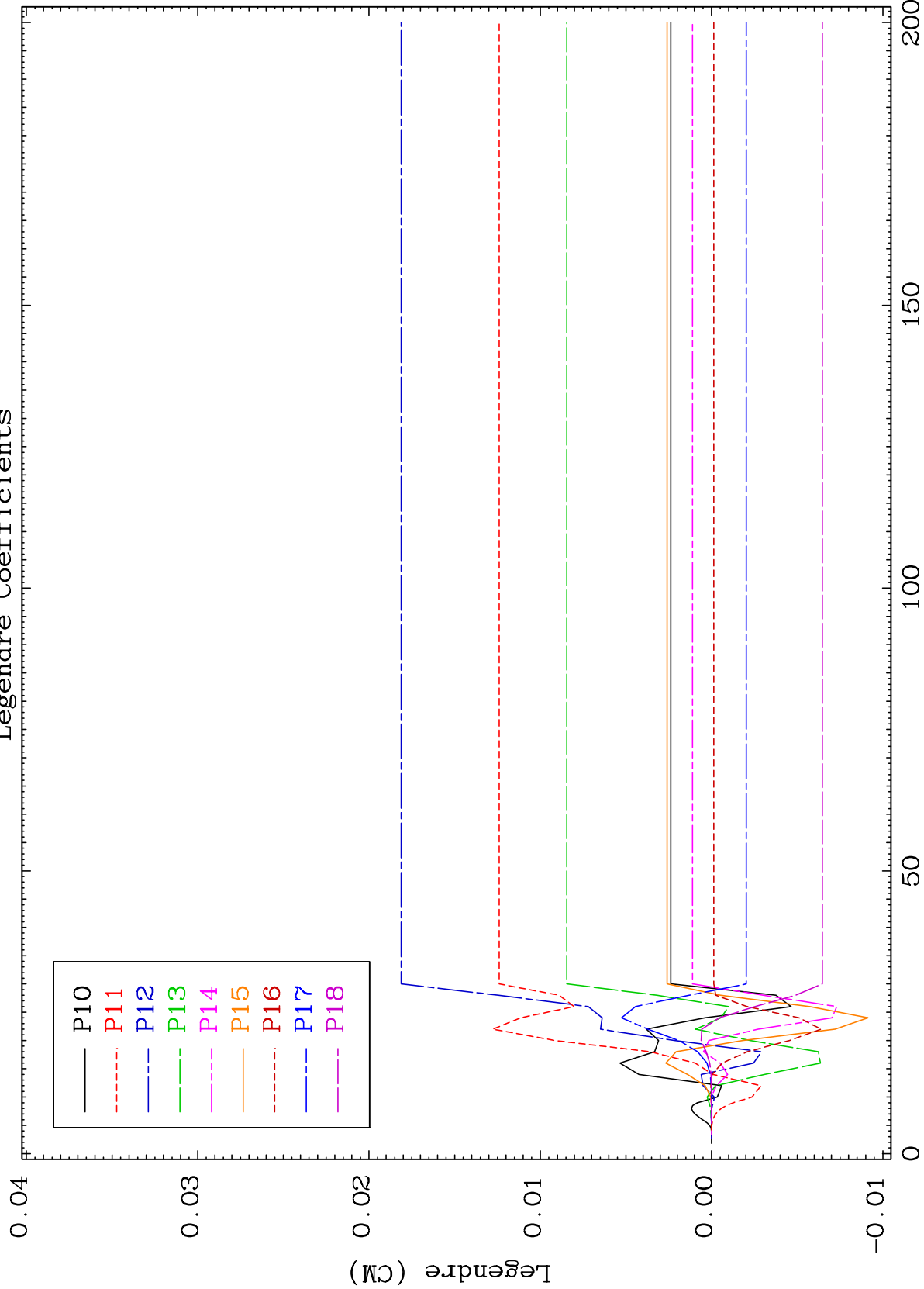
Incident Energy (MeV)

95

MAT 6837

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

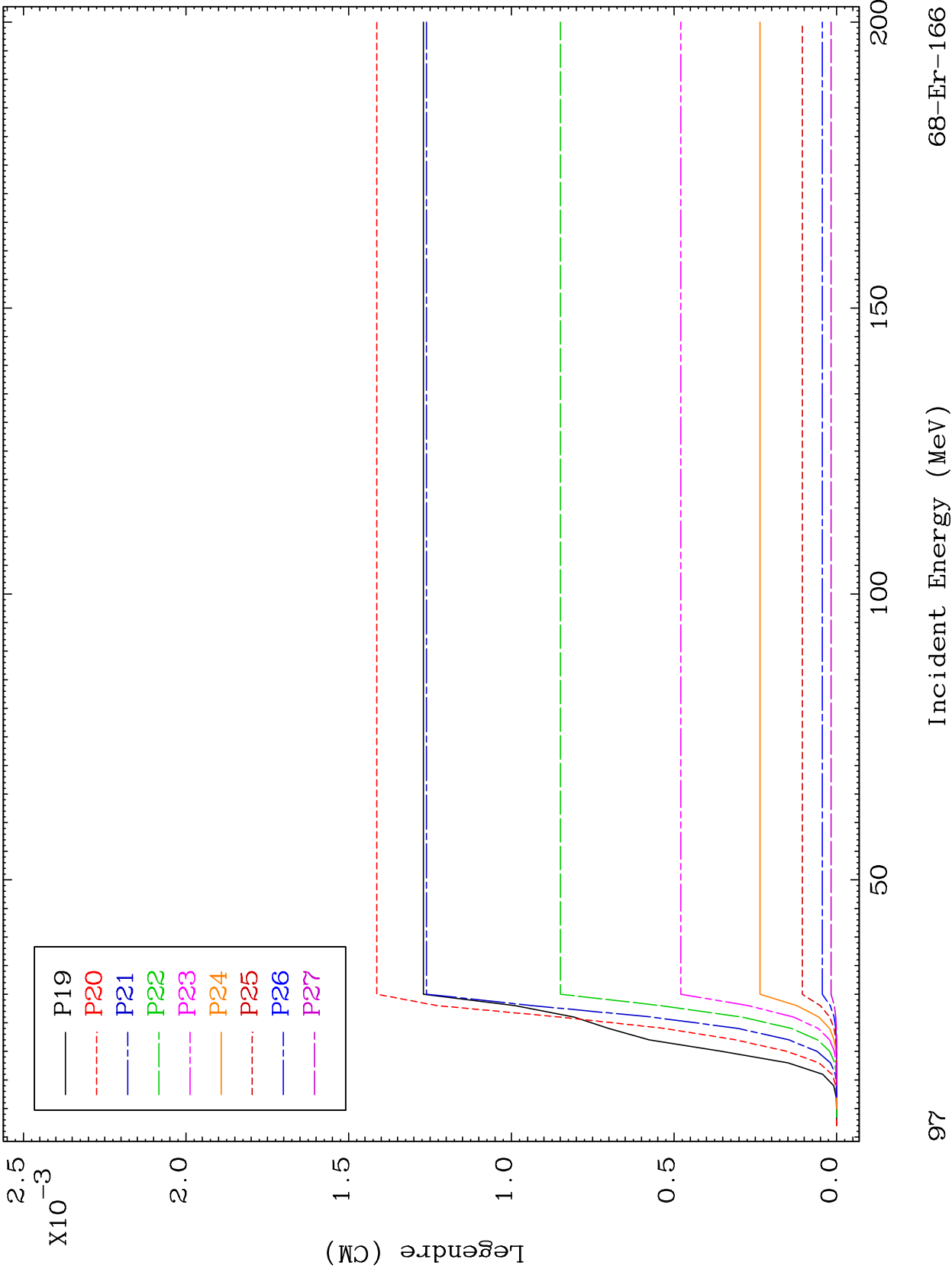
68-Er-166



96

Incident Energy (MeV)

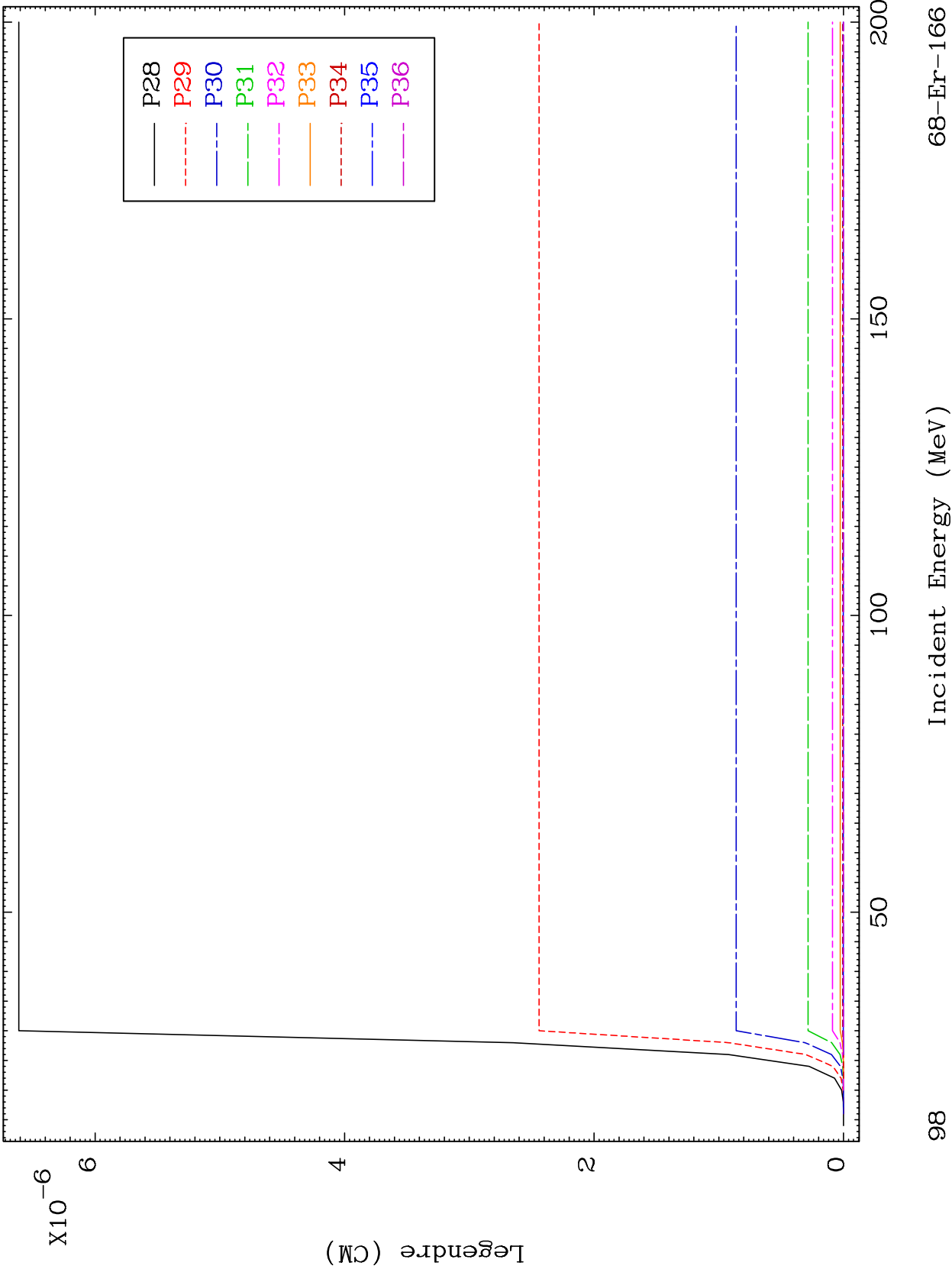
68-Er-166



MAT 6837

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

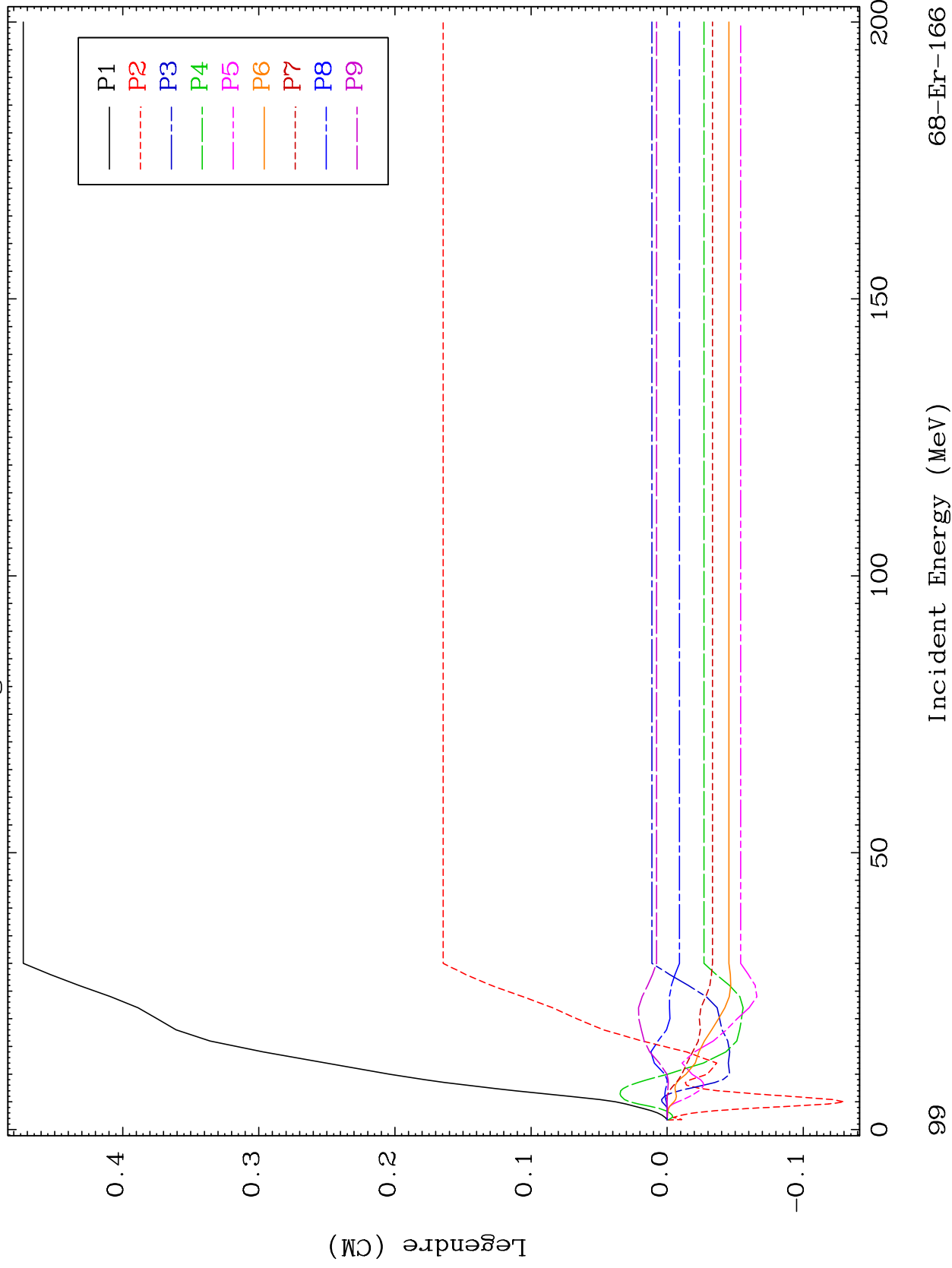
68-Er-166



MAT 6837

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

68-Er-166



68-Er-166

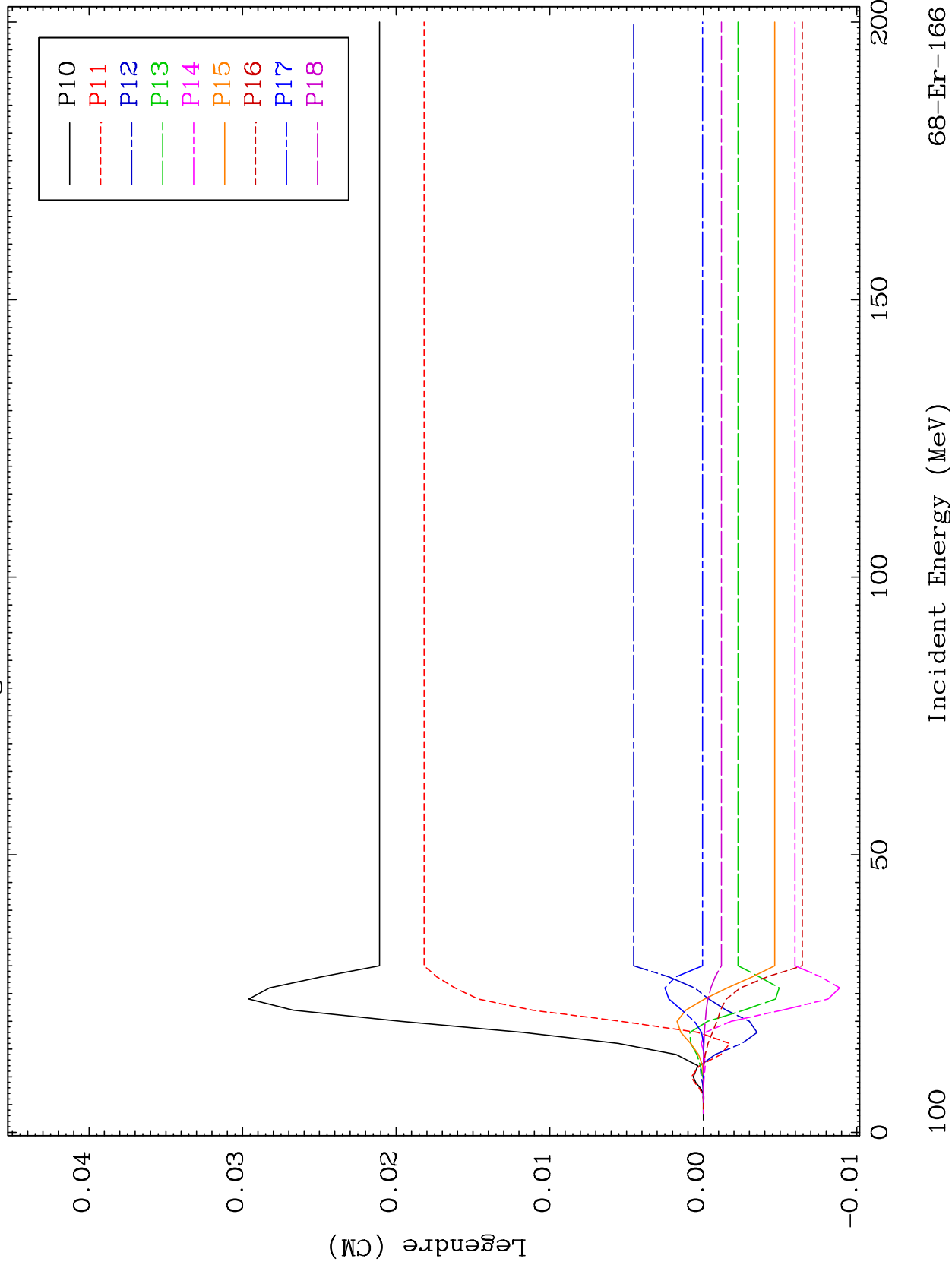
Incident Energy (MeV)

99

MAT 6837

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

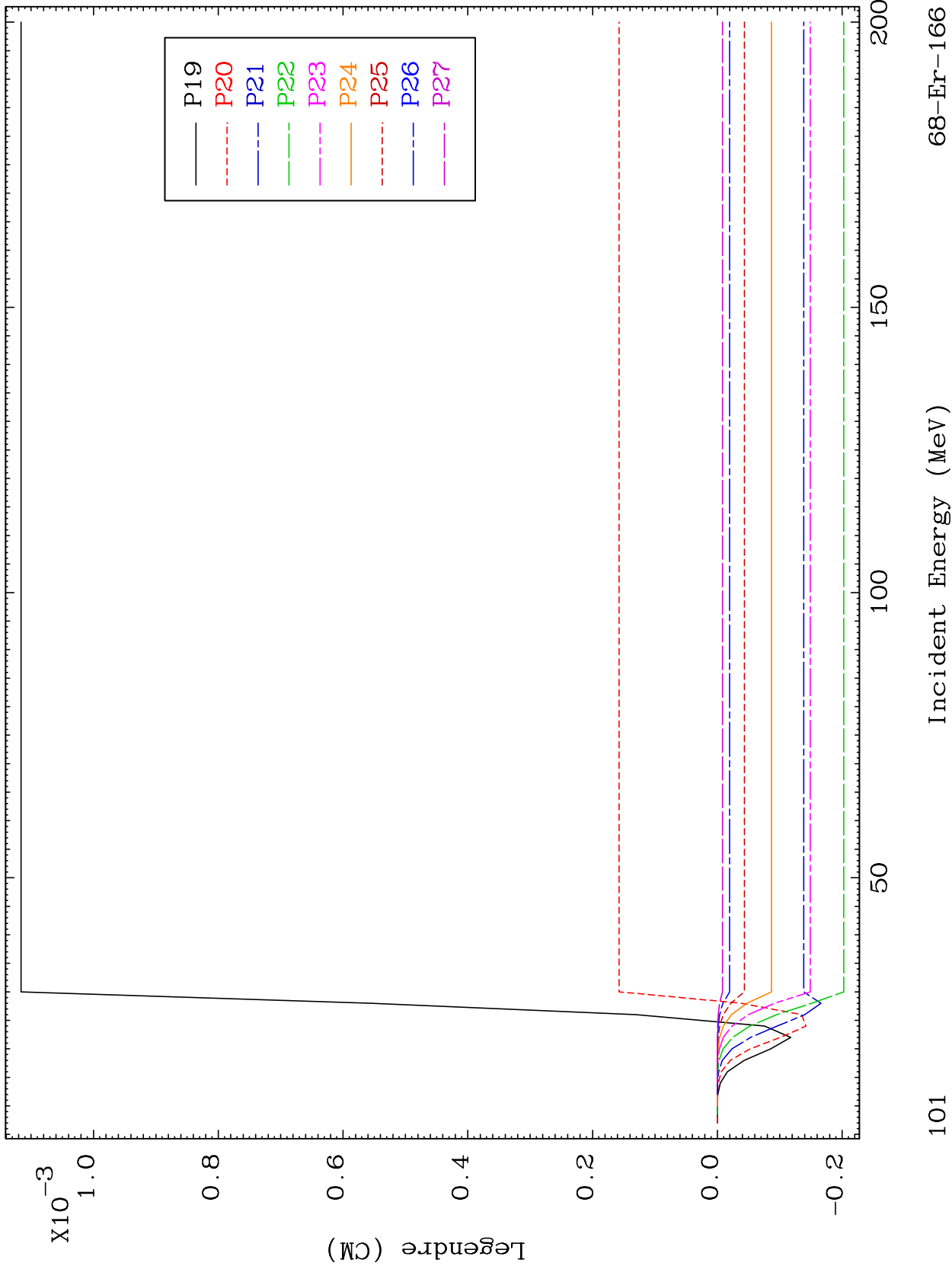
68-Er-166



68-Er-166

Incident Energy (MeV)

100

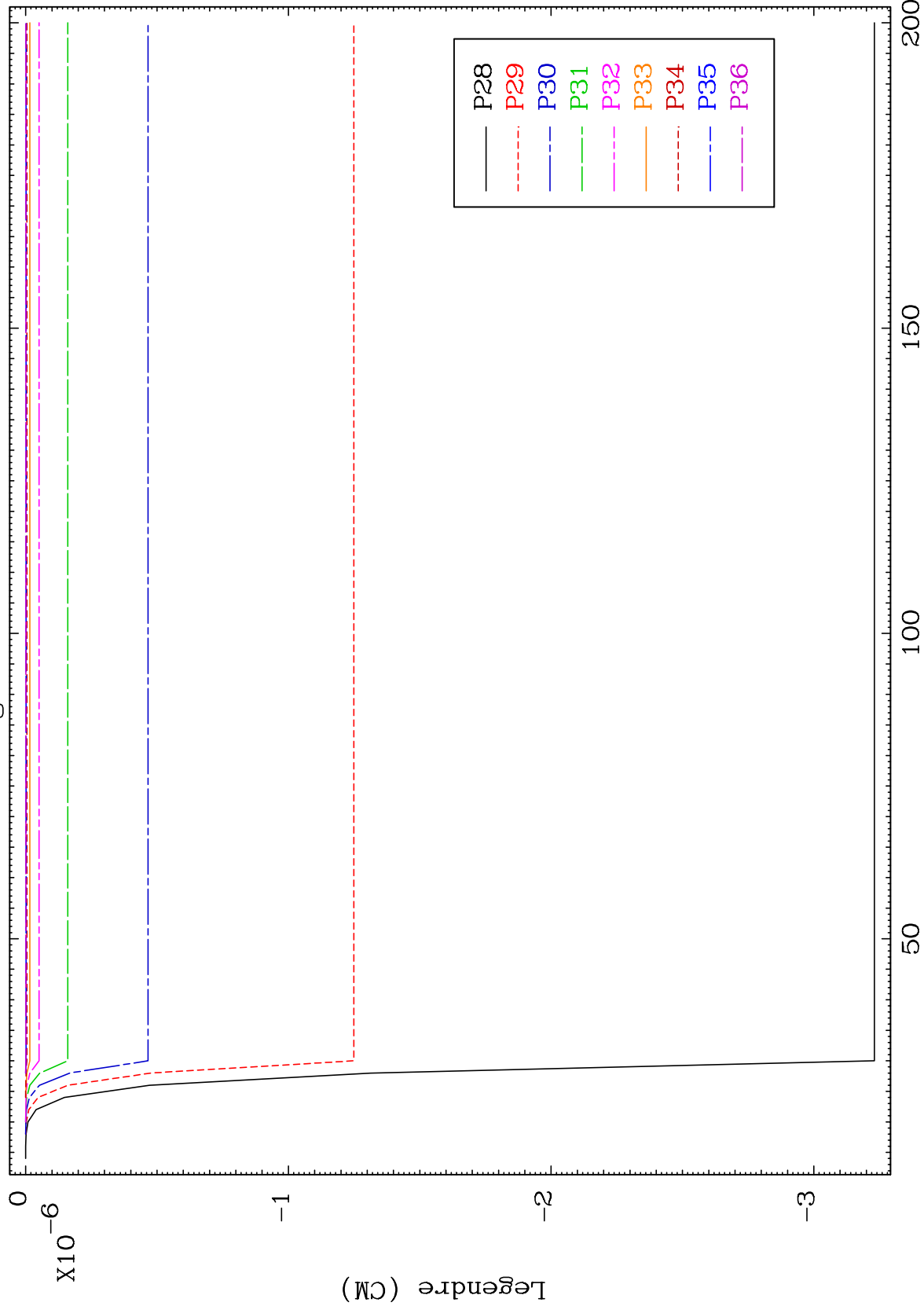


MAT 6837

MT= 73 (n,n') Level

68-Er-166

Legendre Coefficients



68-Er-166

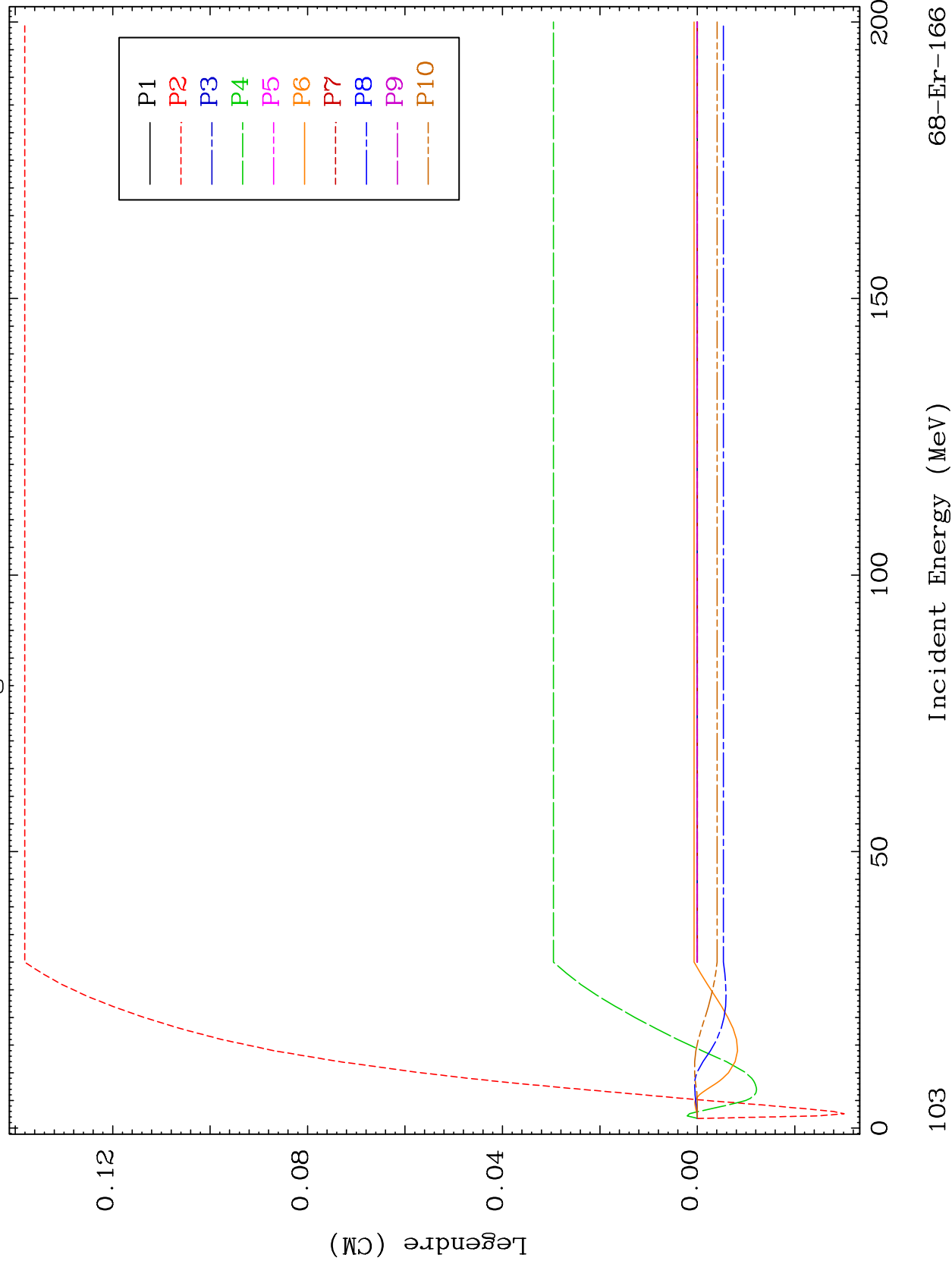
Incident Energy (MeV)

102

MAT 6837

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

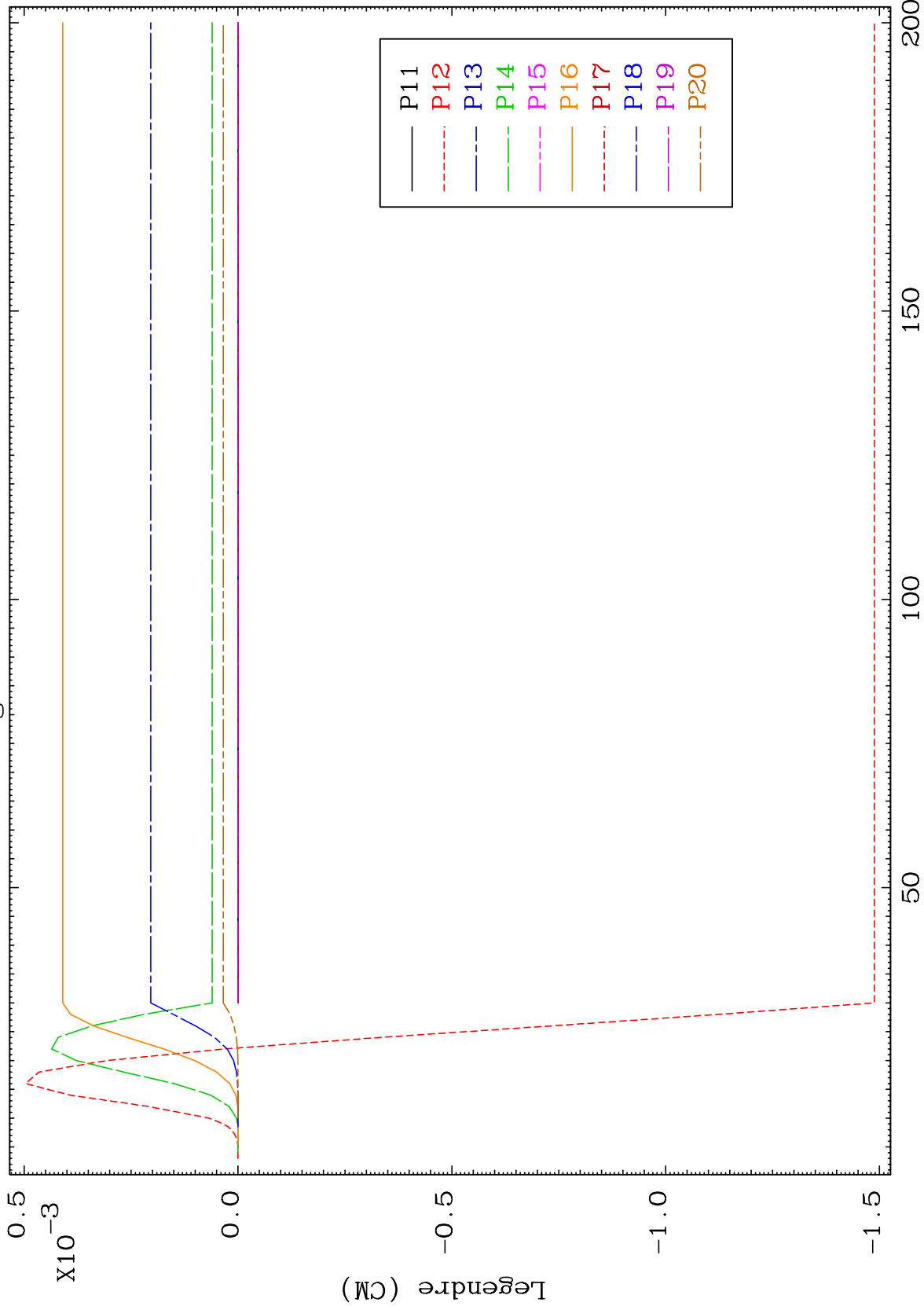
68-Er-166



103

Incident Energy (MeV)

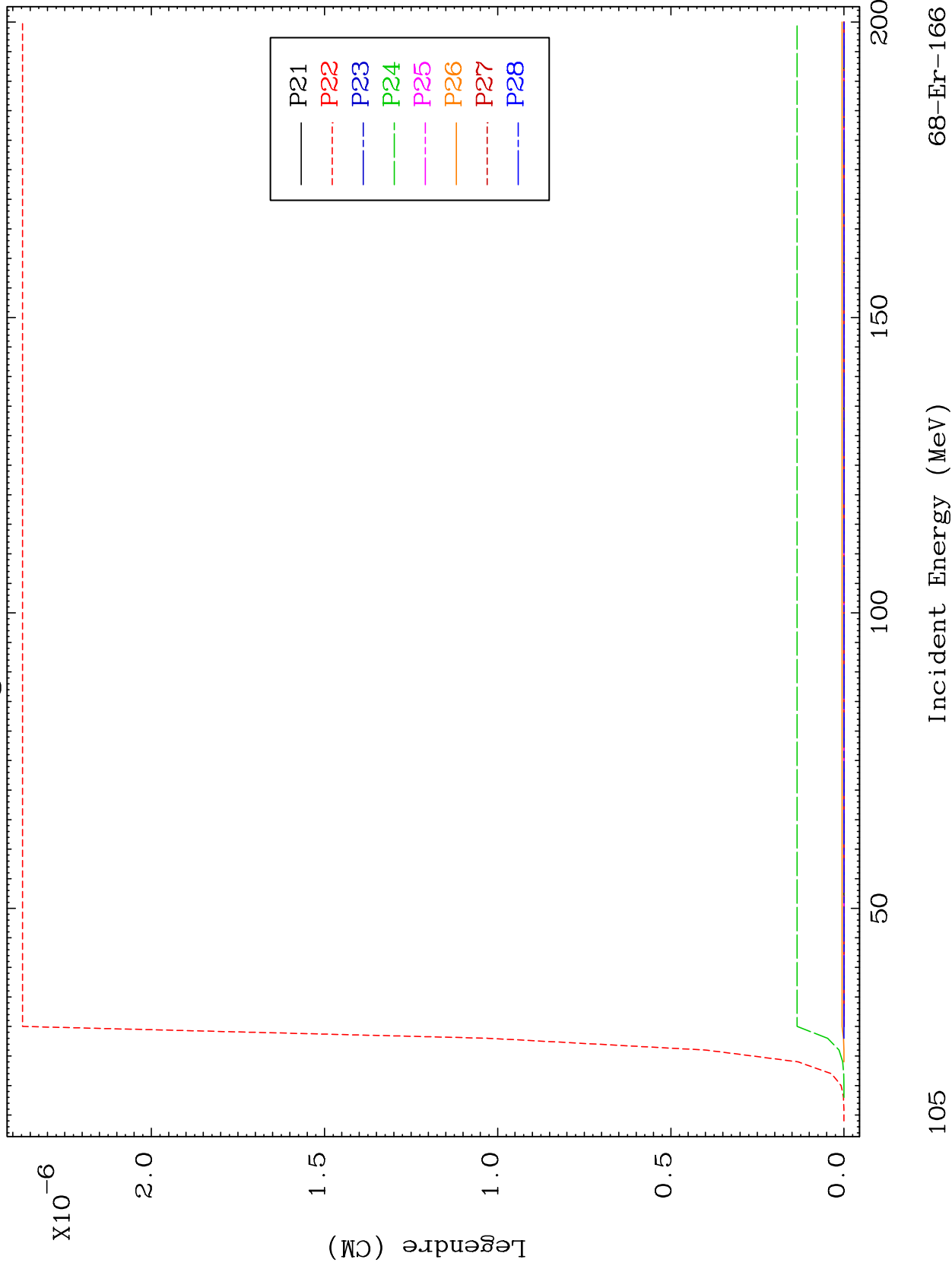
68-Er-166



MAT 6837

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

68-Er-166



68-Er-166

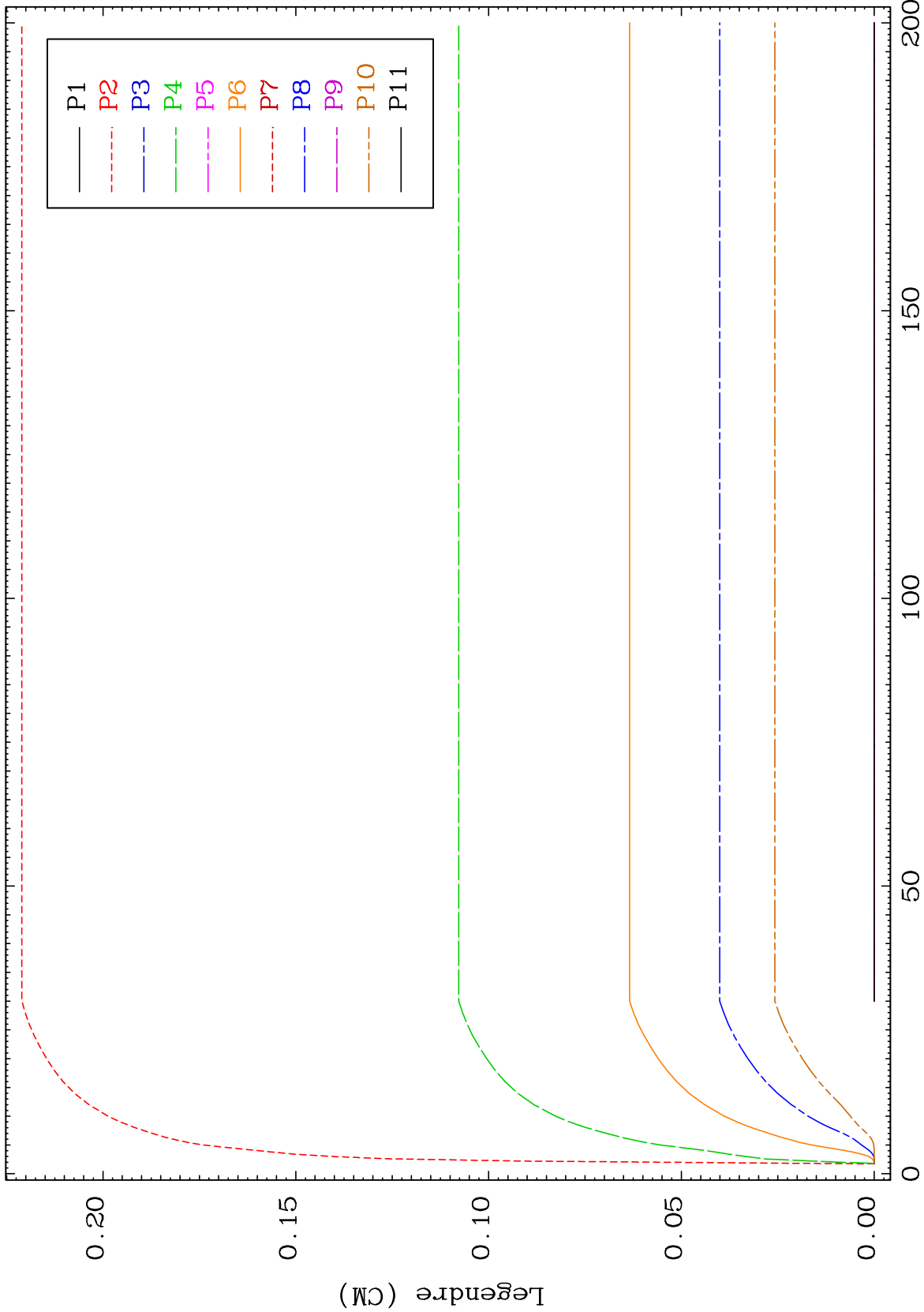
Incident Energy (MeV)

105

MAT 6837

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

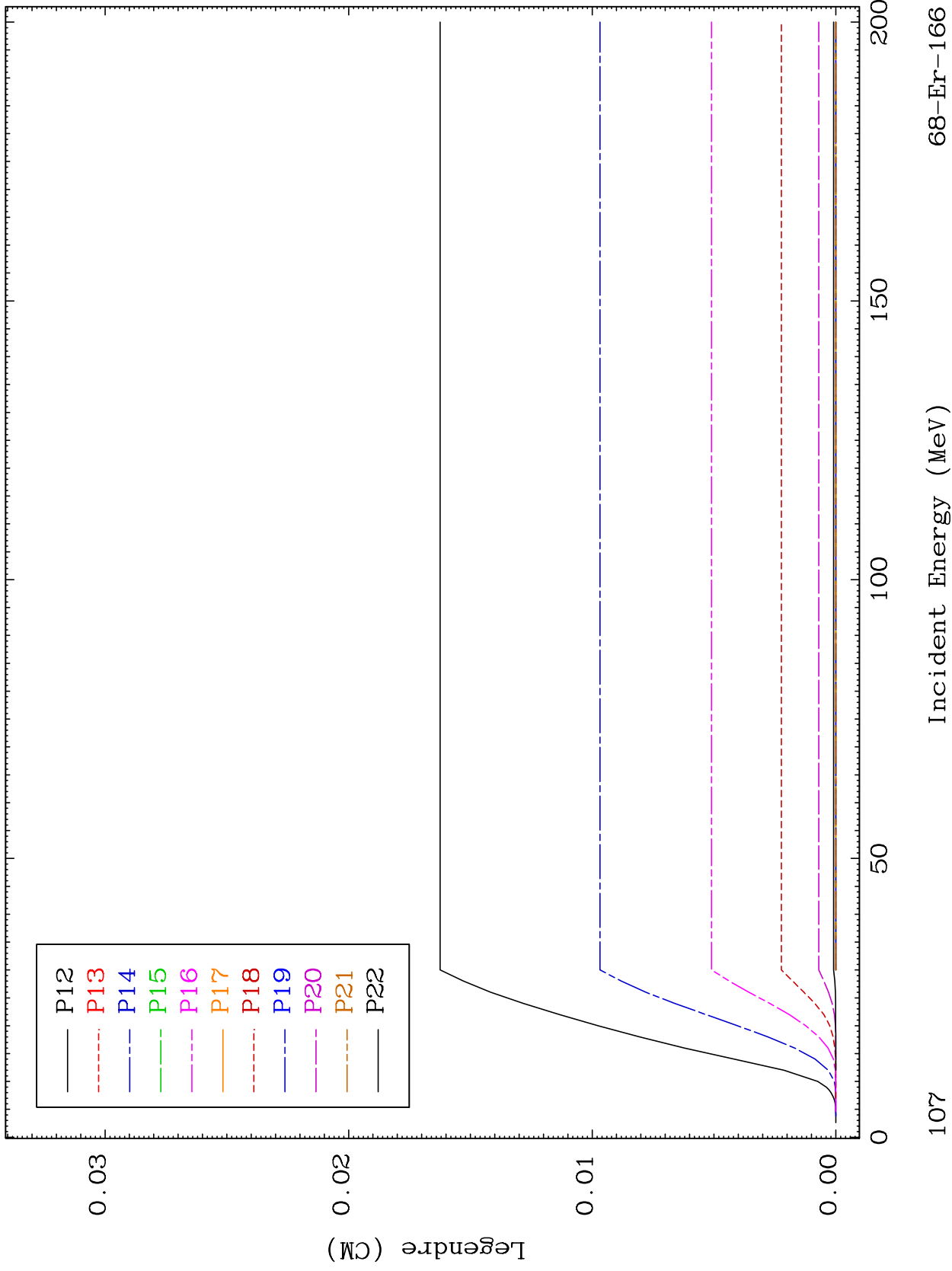
68-Er-166



106

Incident Energy (MeV)

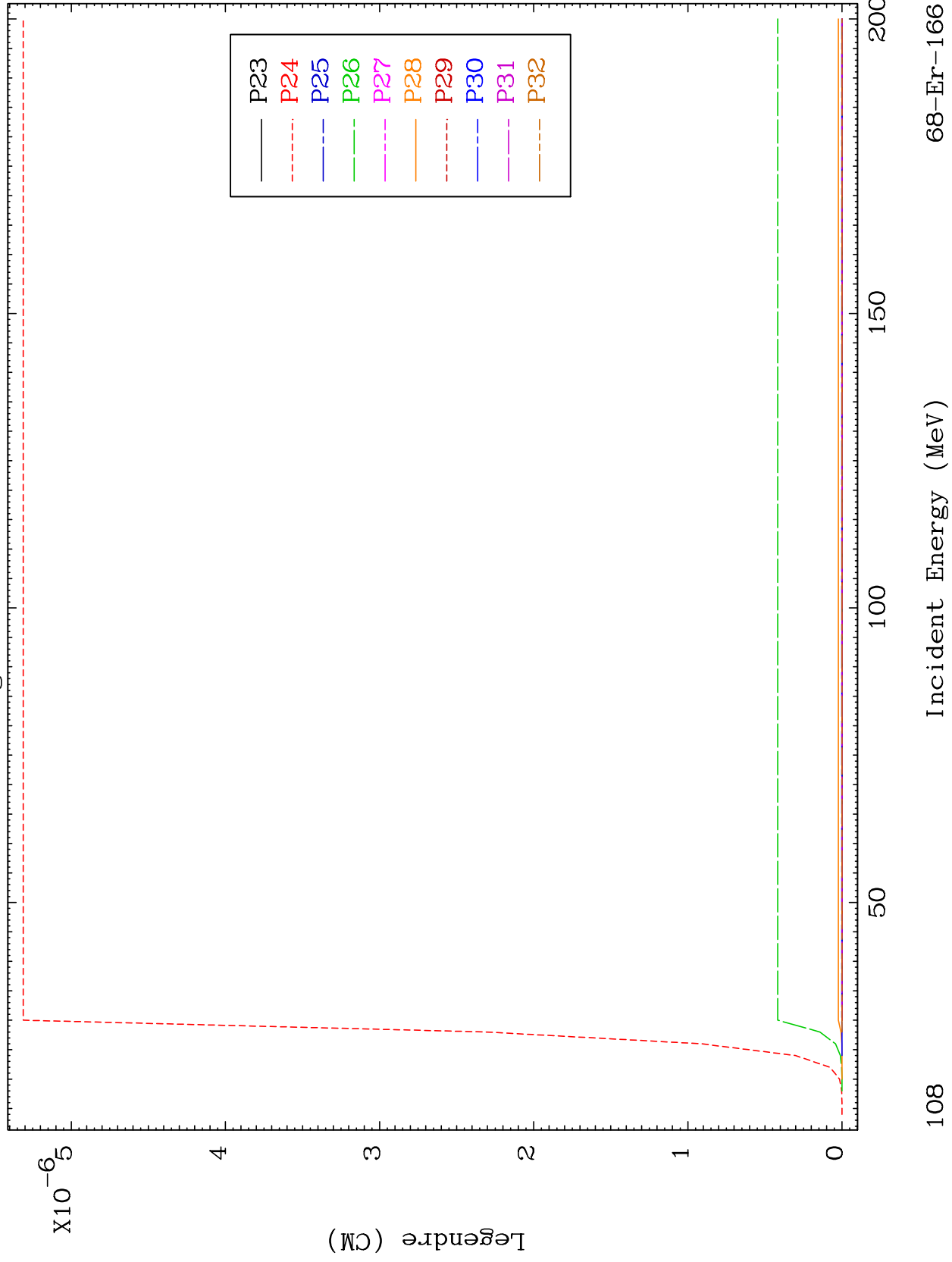
68-Er-166



MAT 6837

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

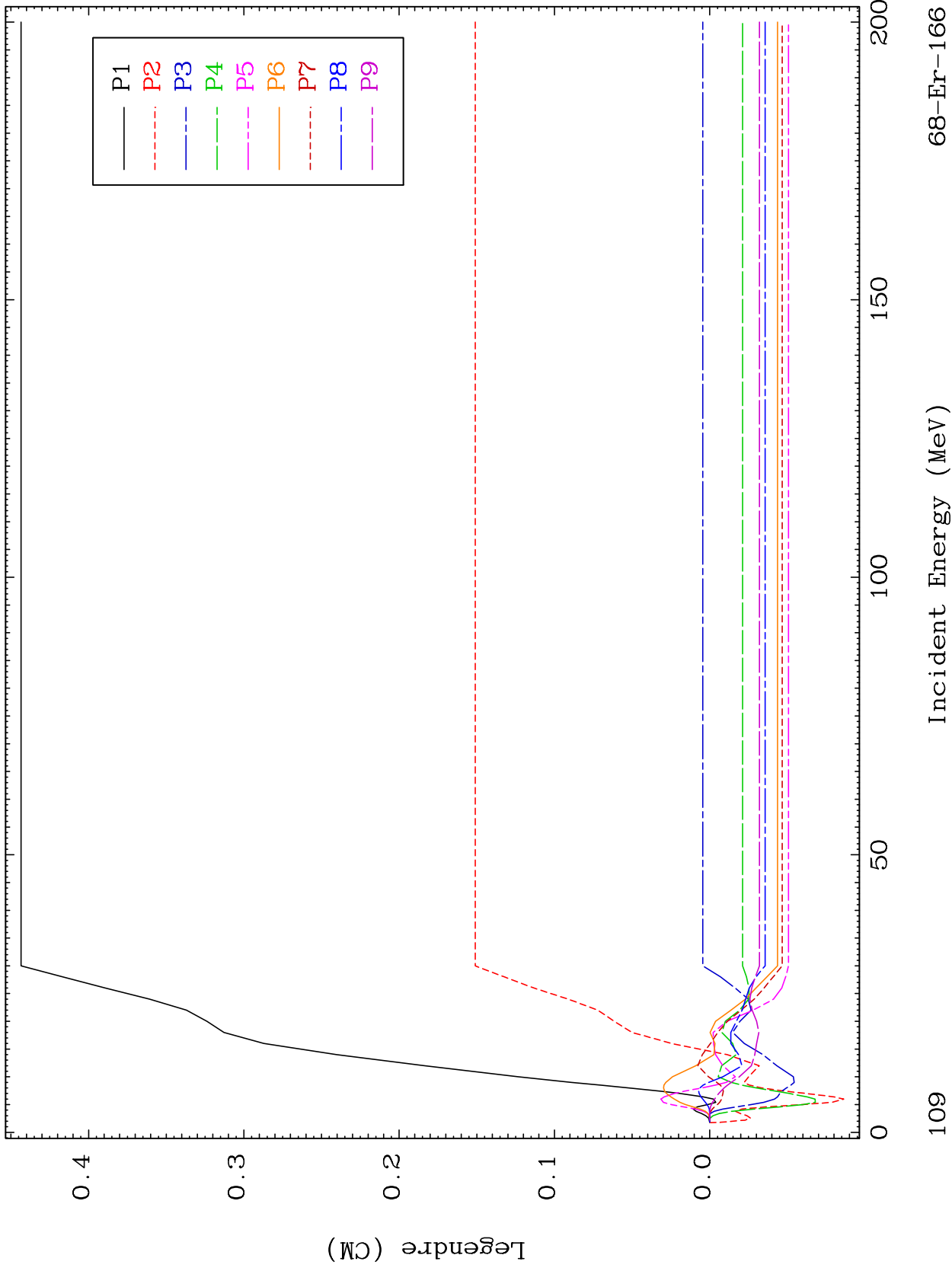
68-Er-166



MAT 6837

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

68-Er-166



68-Er-166

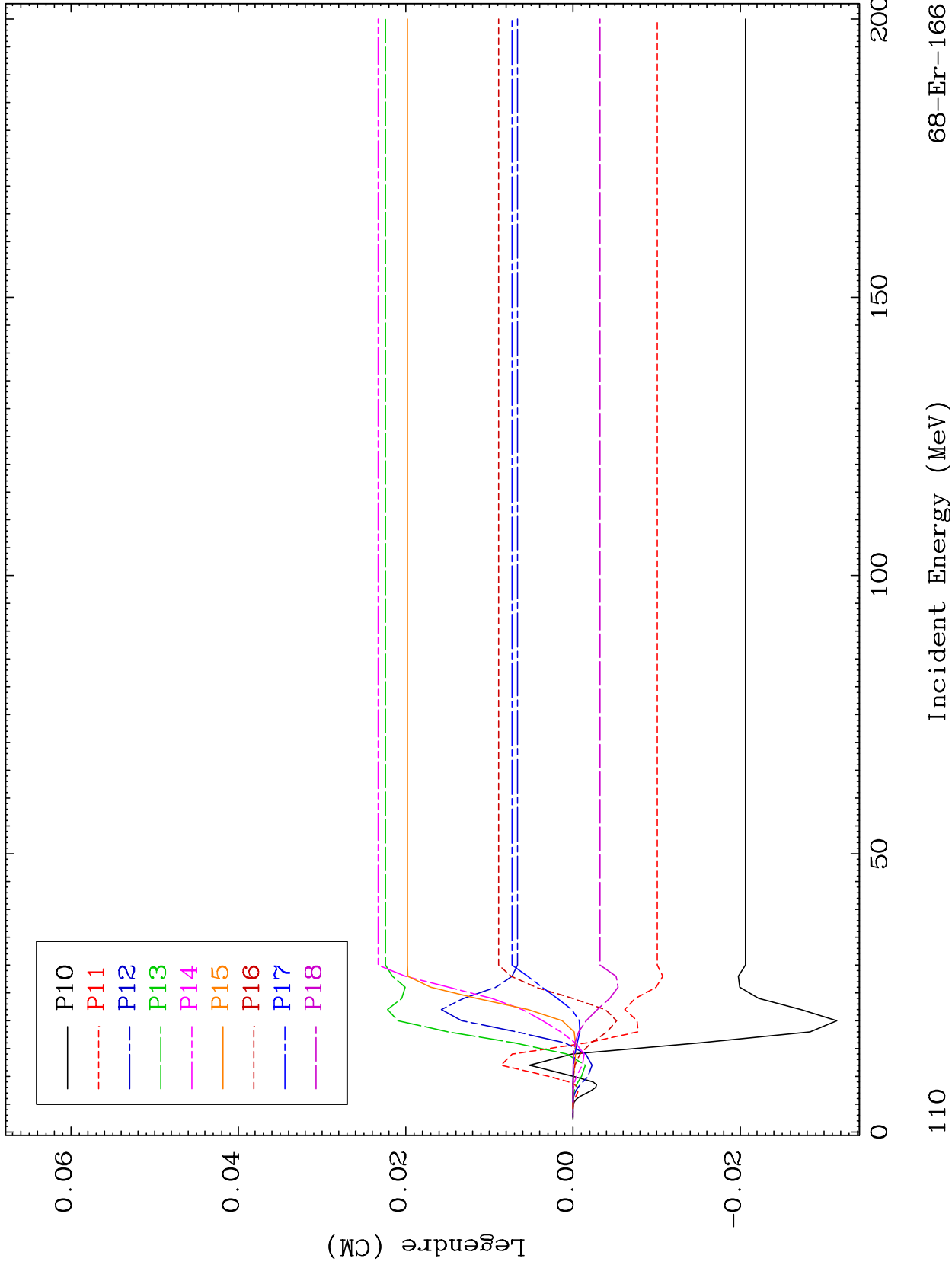
Incident Energy (MeV)

109

MAT 6837

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

68-Er-166



68-Er-166

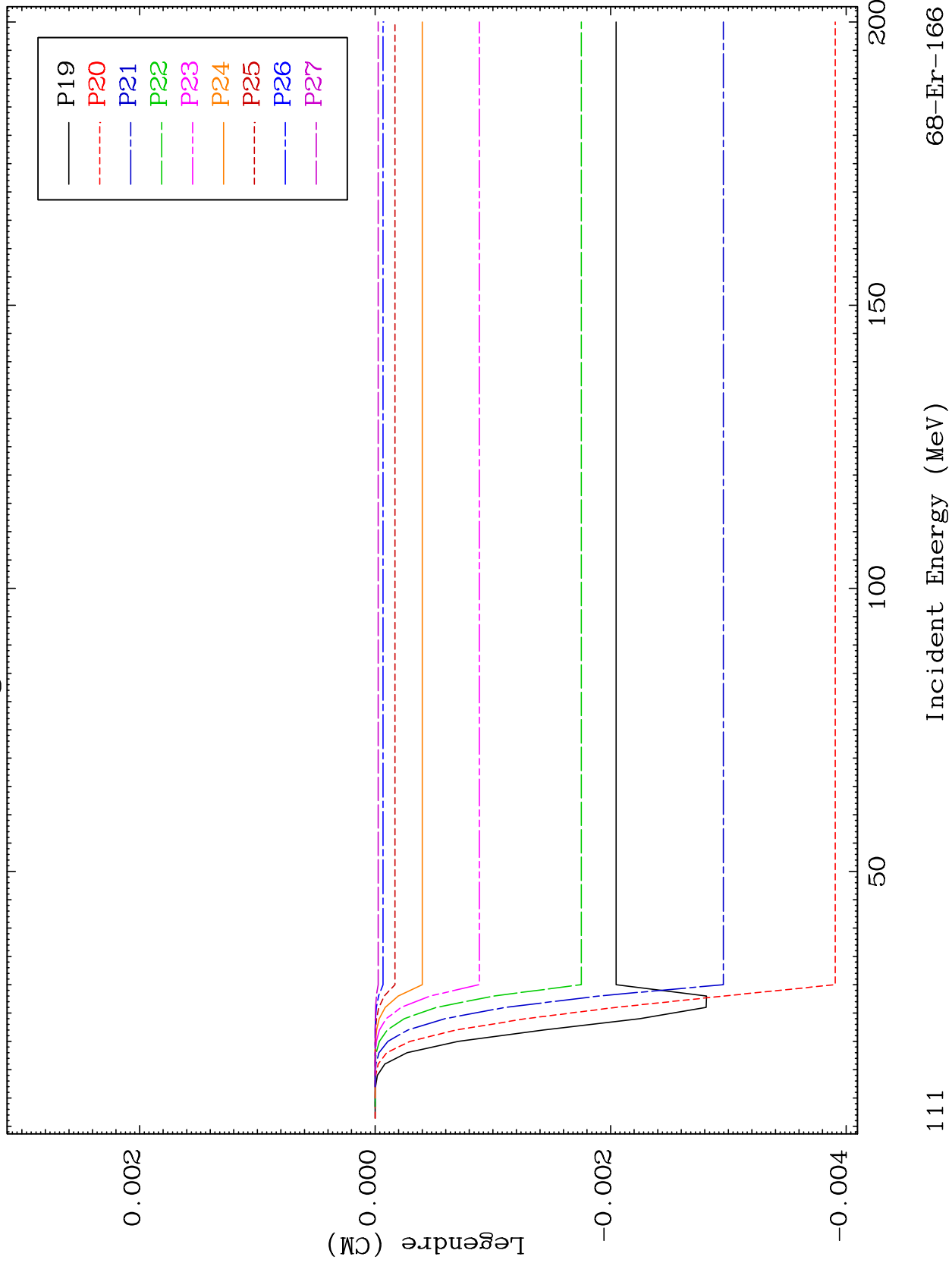
Incident Energy (MeV)

110

MAT 6837

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

68-Er-166



111

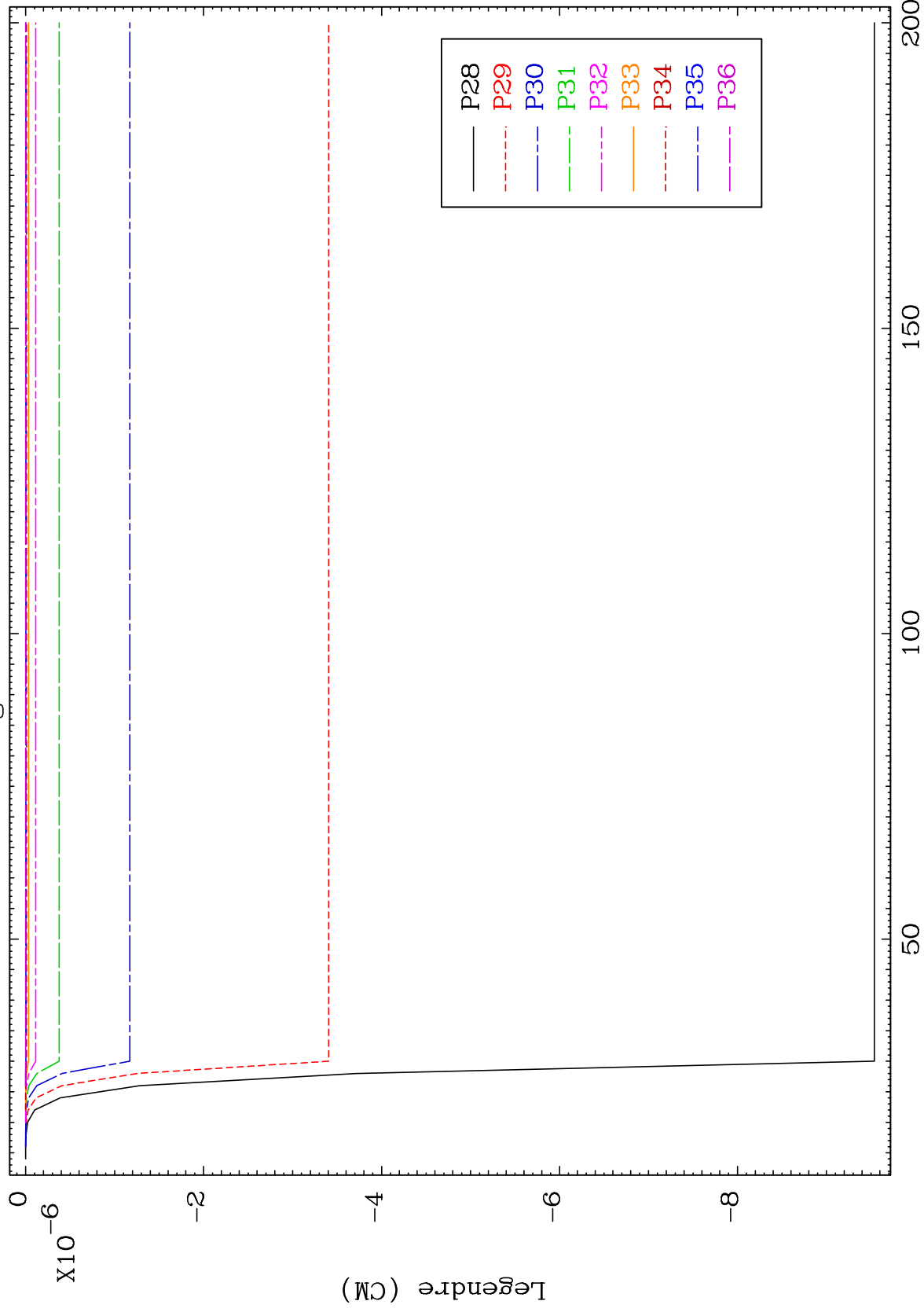
Incident Energy (MeV)

68-Er-166

MAT 6837

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

68-Er-166



112

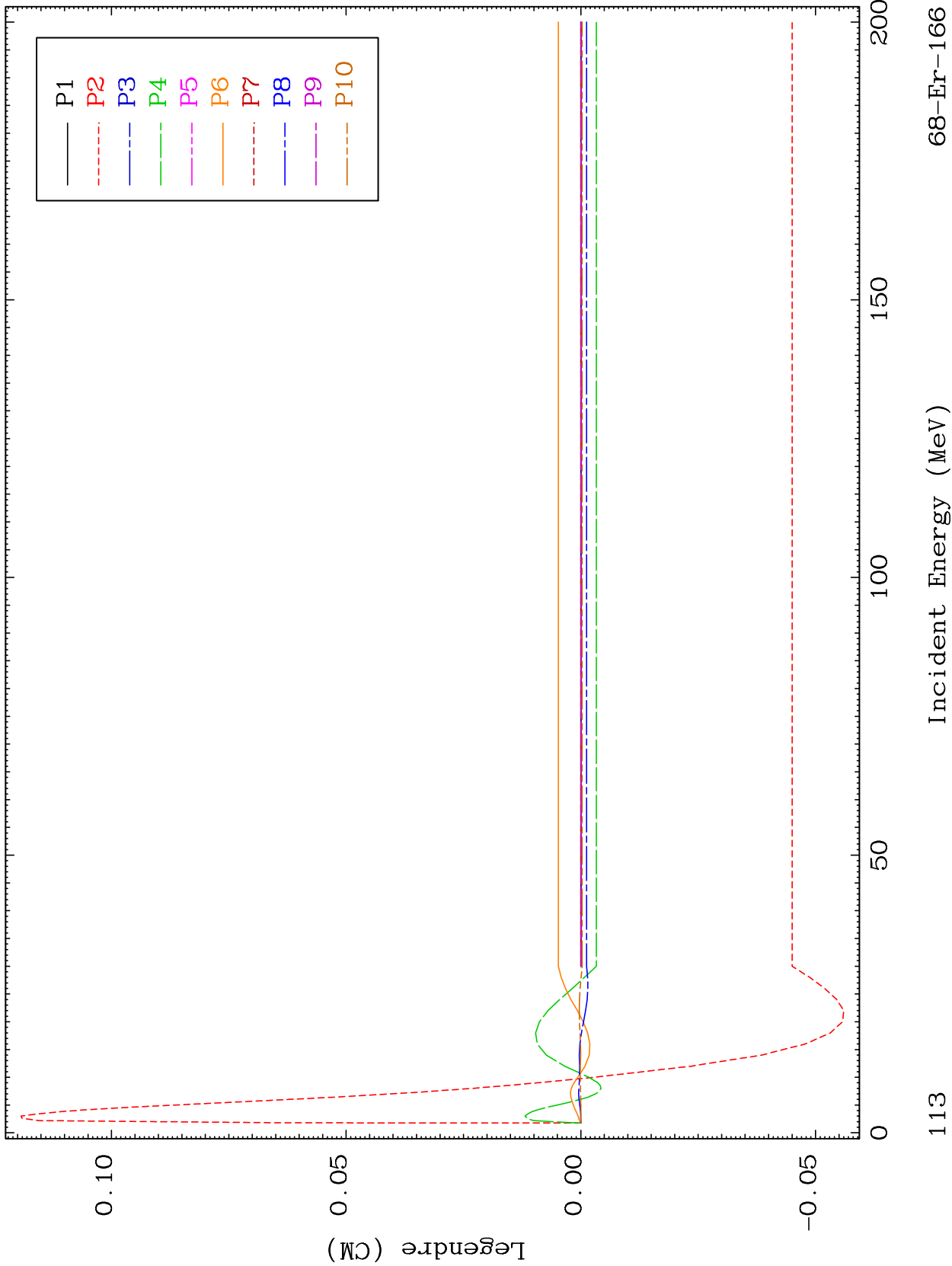
Incident Energy (MeV)

68-Er-166

MAT 6837

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

68-Er-166



68-Er-166

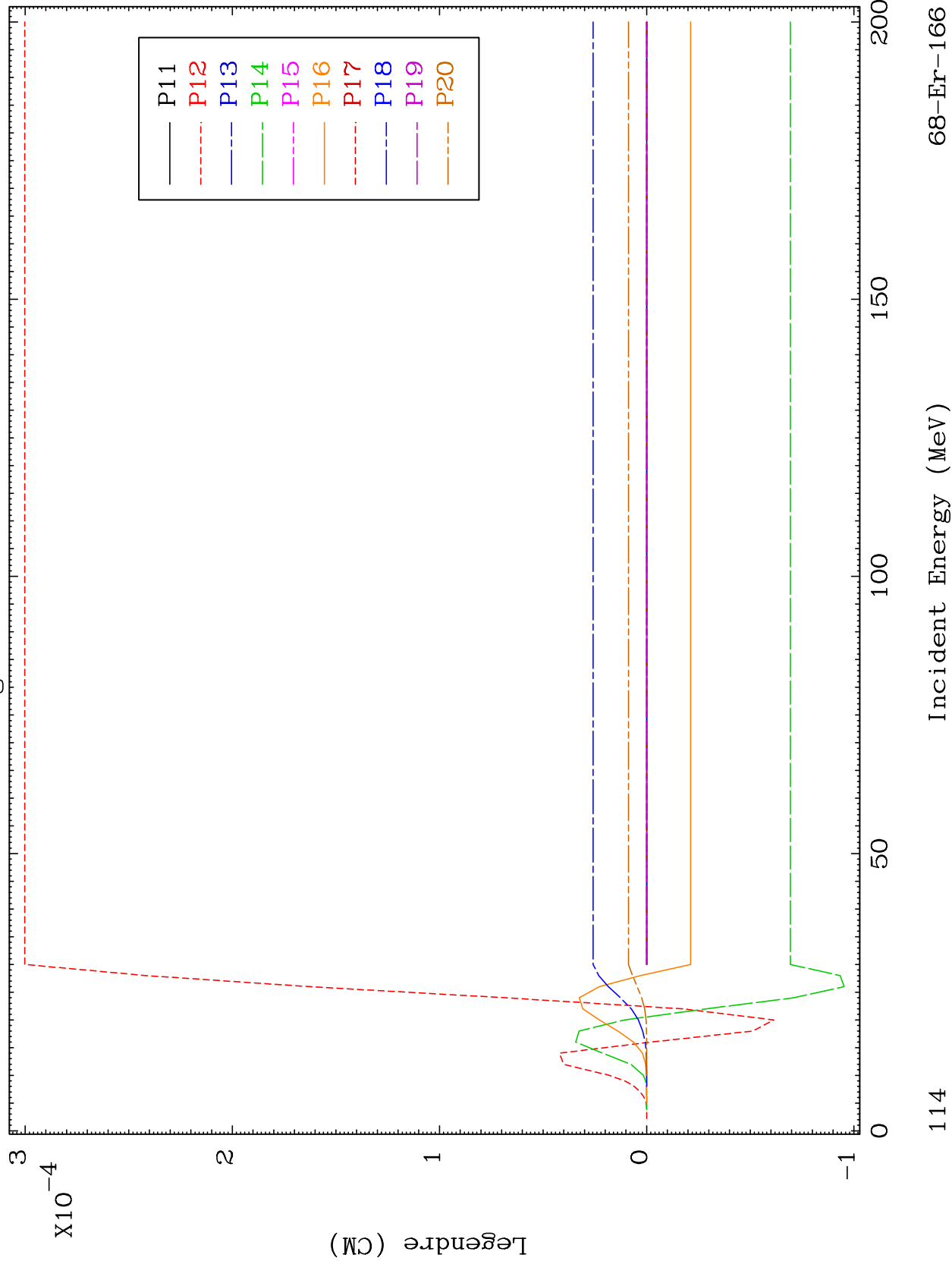
Incident Energy (MeV)

113

MAT 6837

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

68-Er-166



114

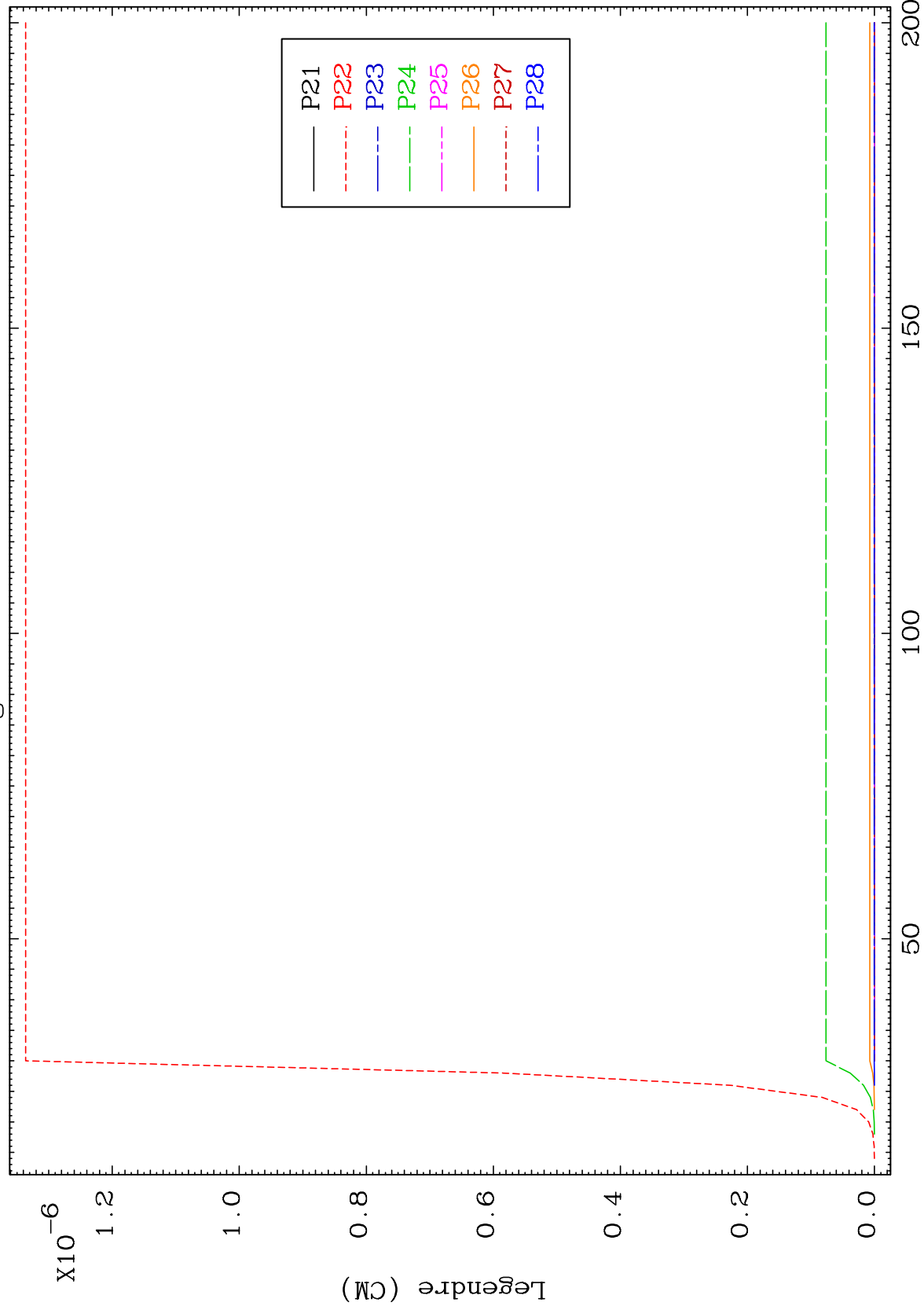
Incident Energy (MeV)

68-Er-166

MAT 6837

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

68-Er-166



68-Er-166

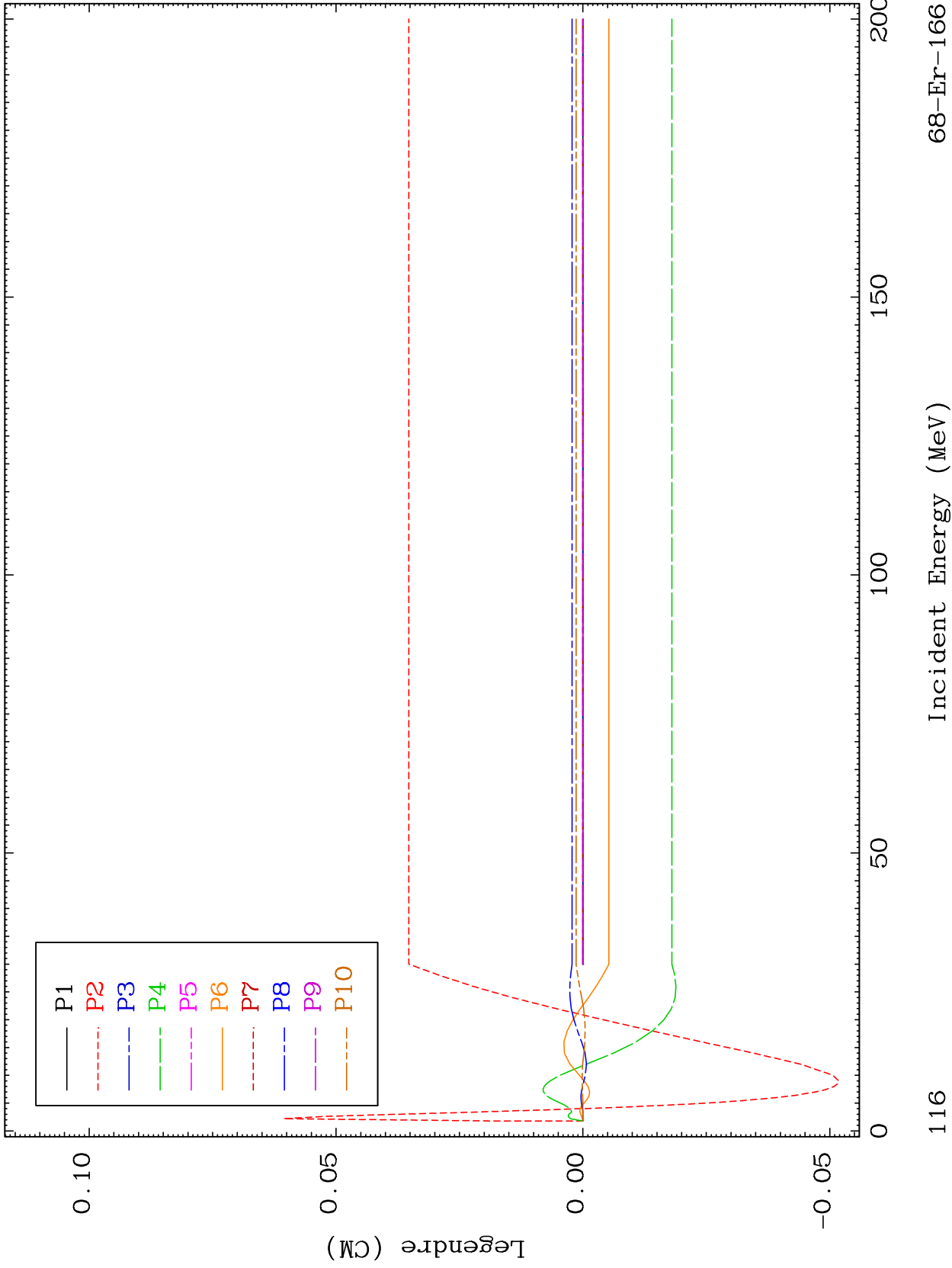
Incident Energy (MeV)

115

MAT 6837

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

68-Er-166



116

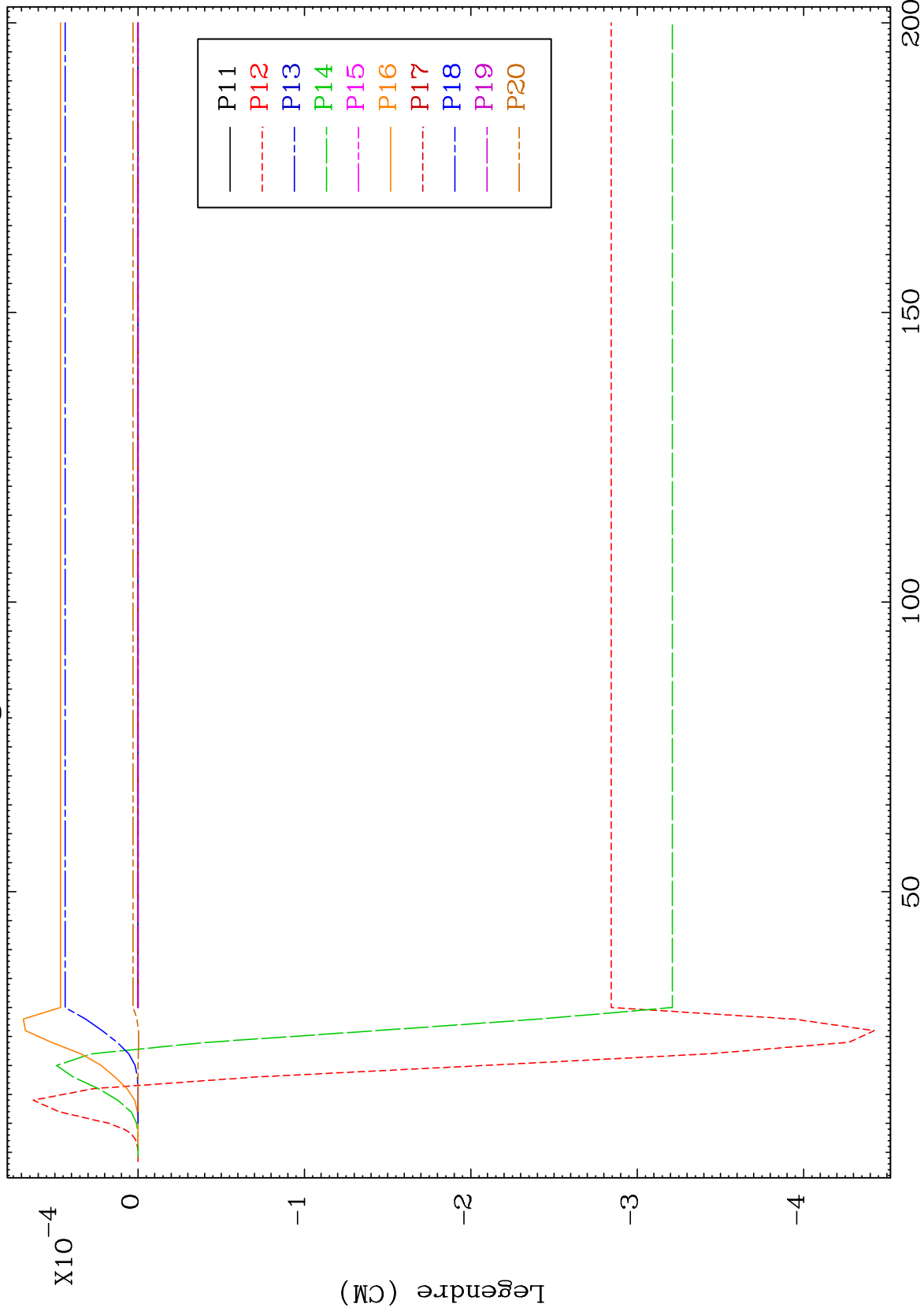
Incident Energy (MeV)

68-Er-166

MAT 6837

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

68-Er-166



117

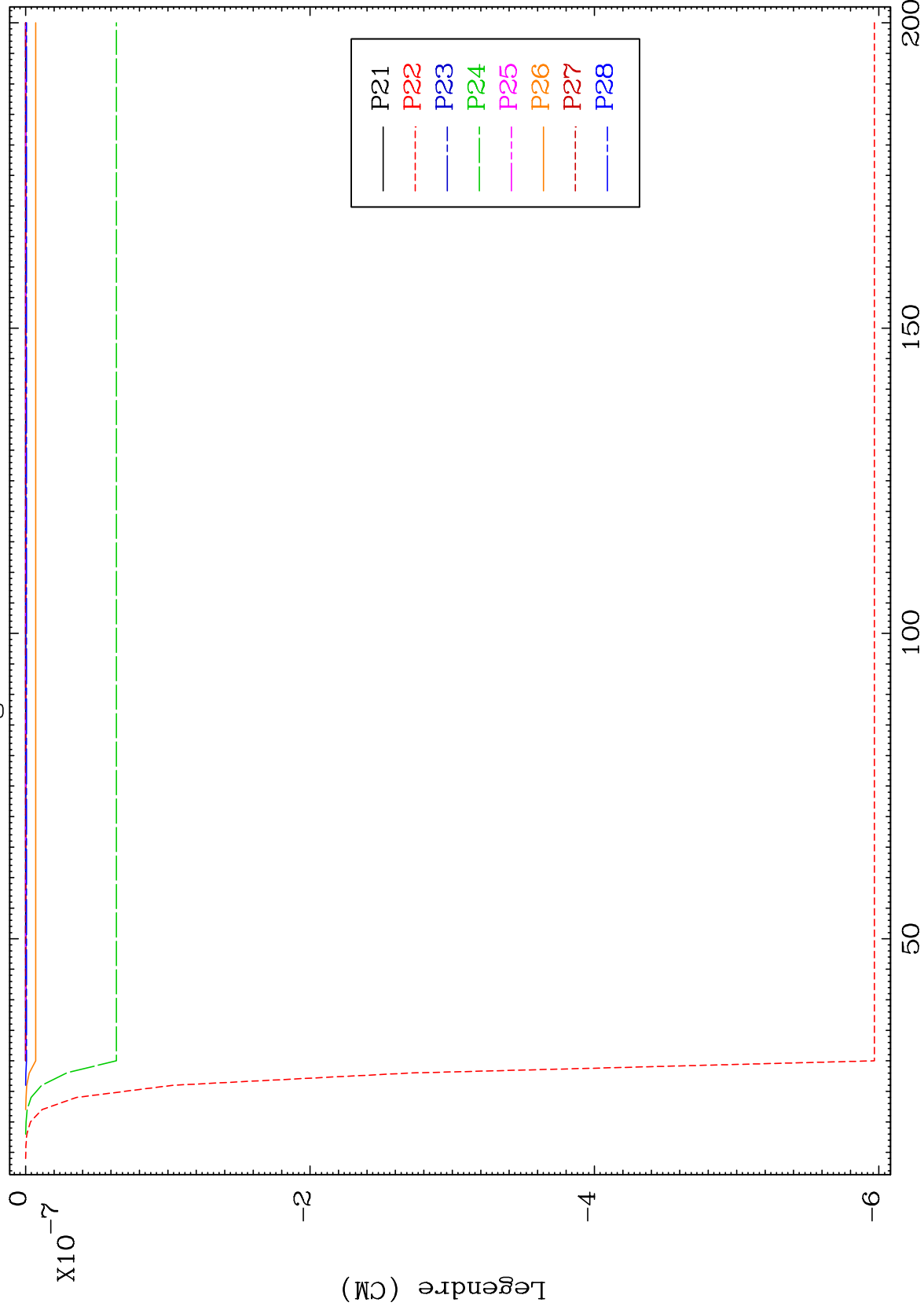
Incident Energy (MeV)

68-Er-166

MAT 6837

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

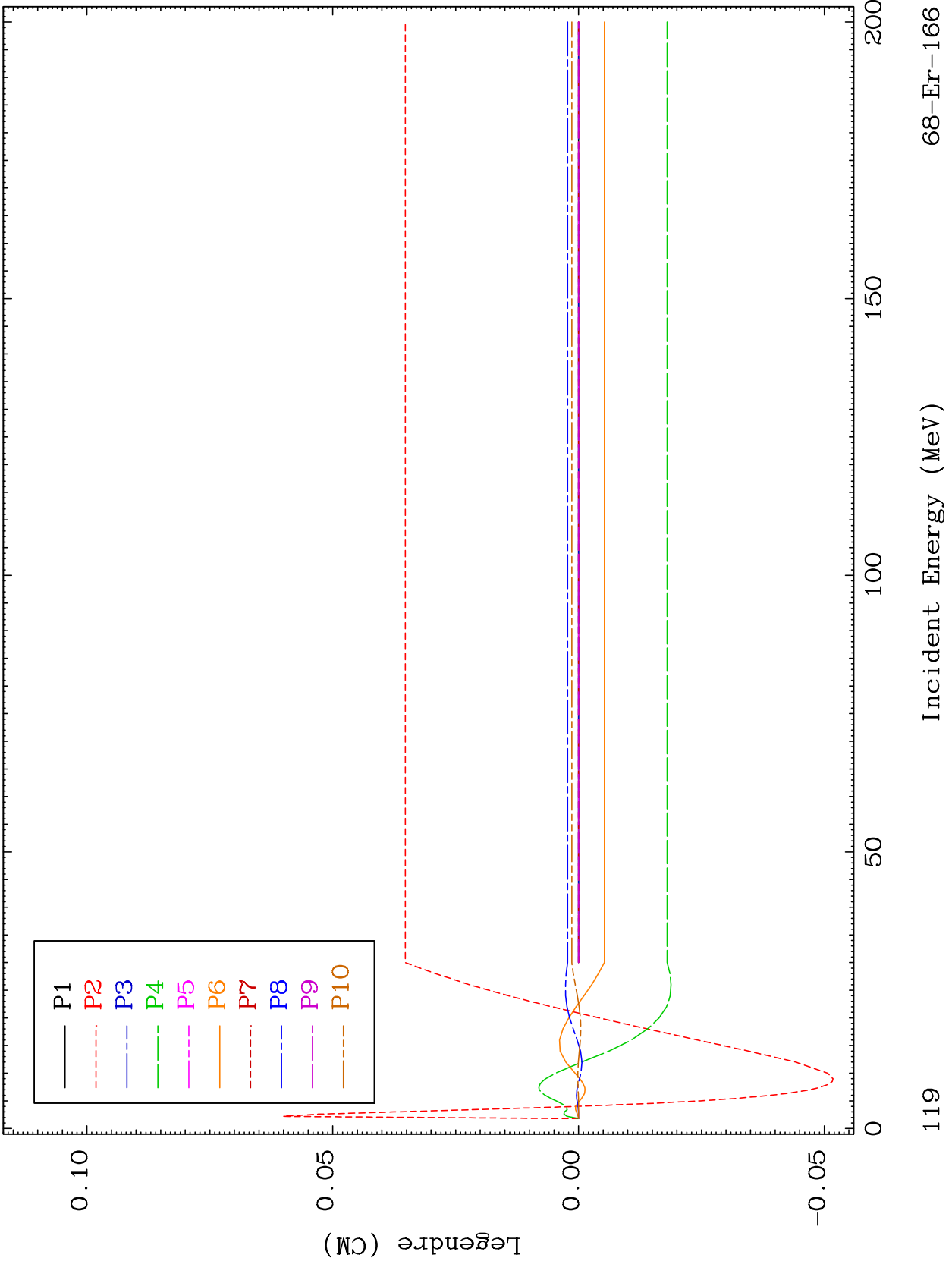
68-Er-166



68-Er-166

Incident Energy (MeV)

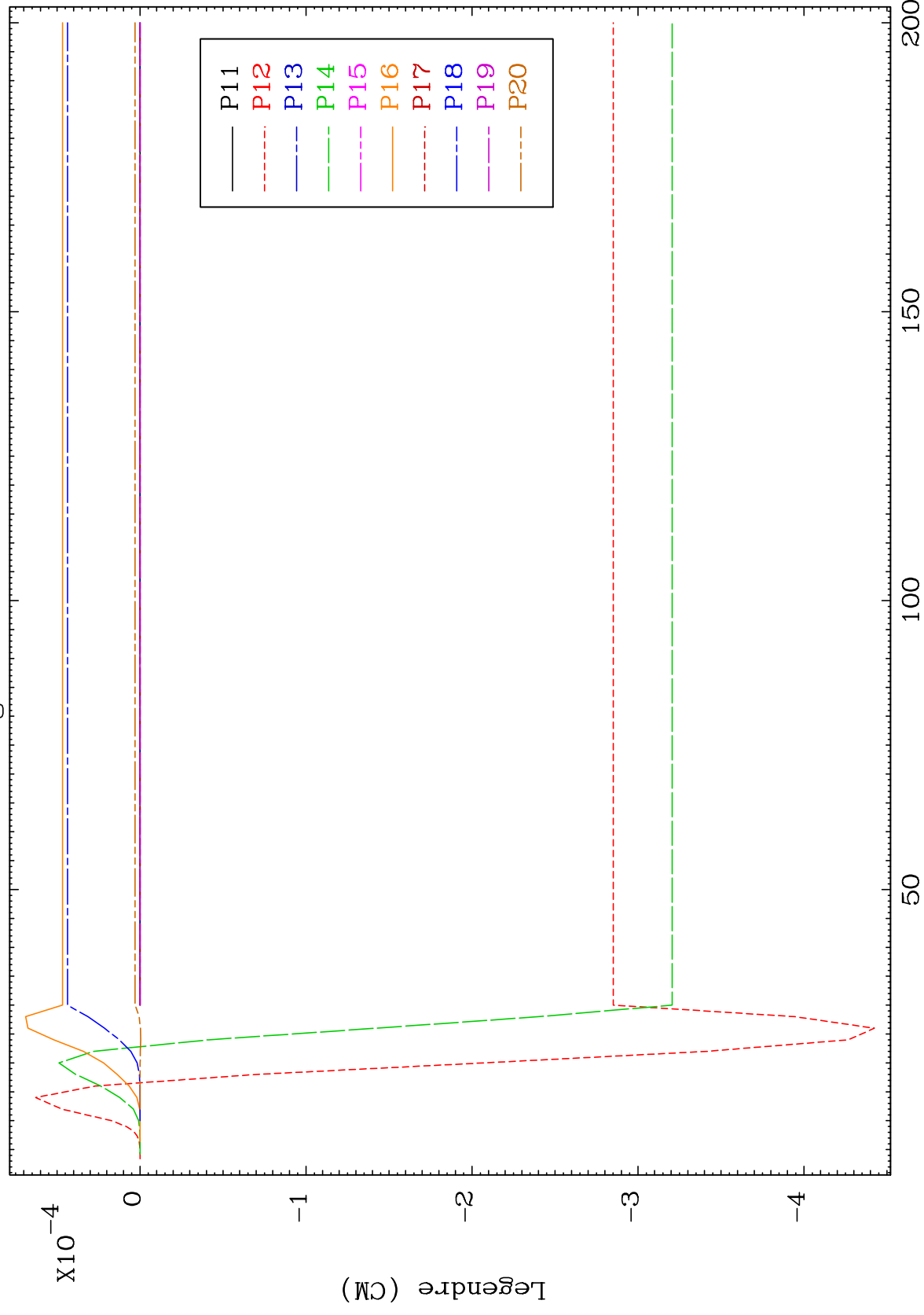
118



MAT 6837

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

68-Er-166



120

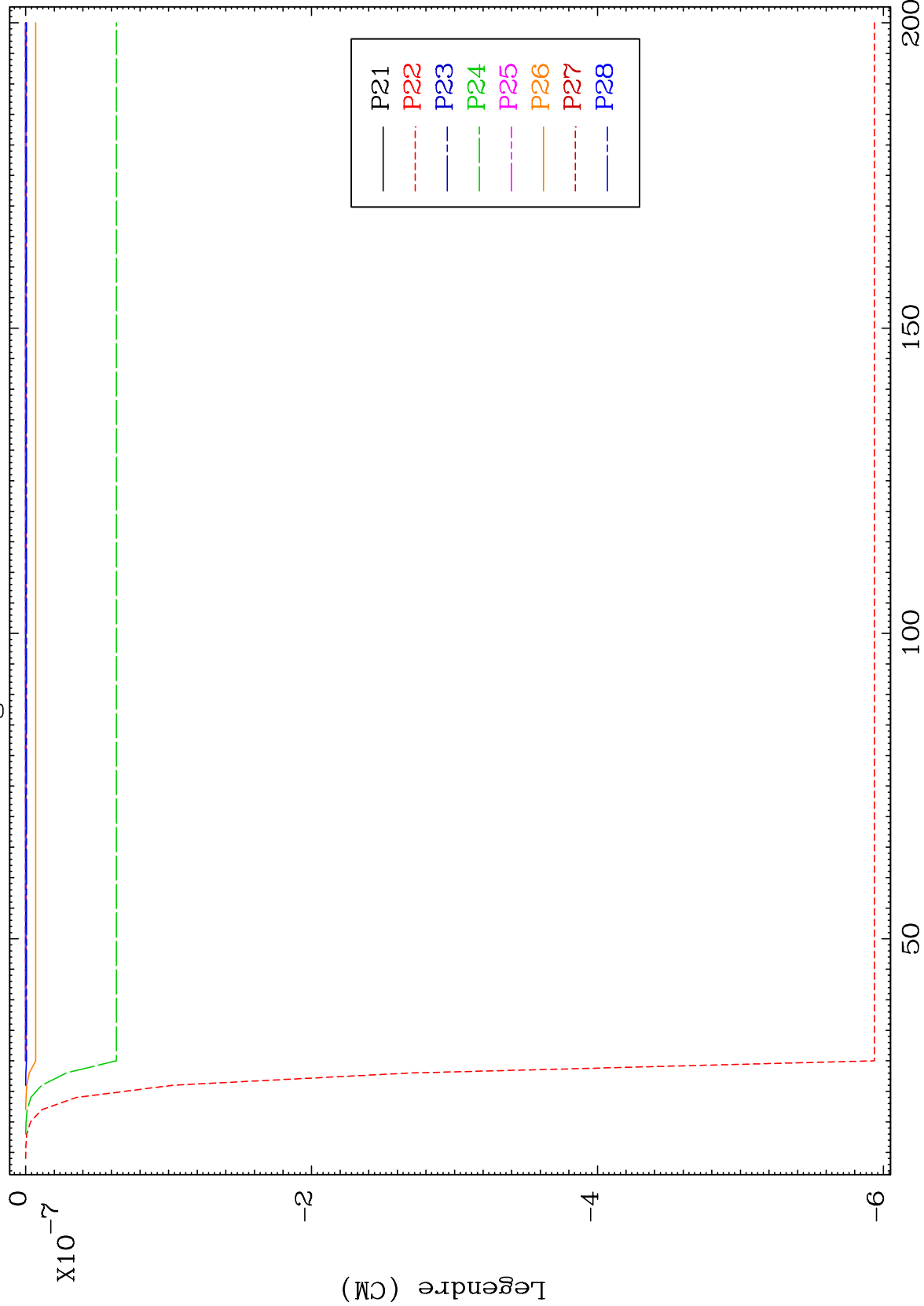
Incident Energy (MeV)

68-Er-166

MAT 6837

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

68-Er-166



68-Er-166

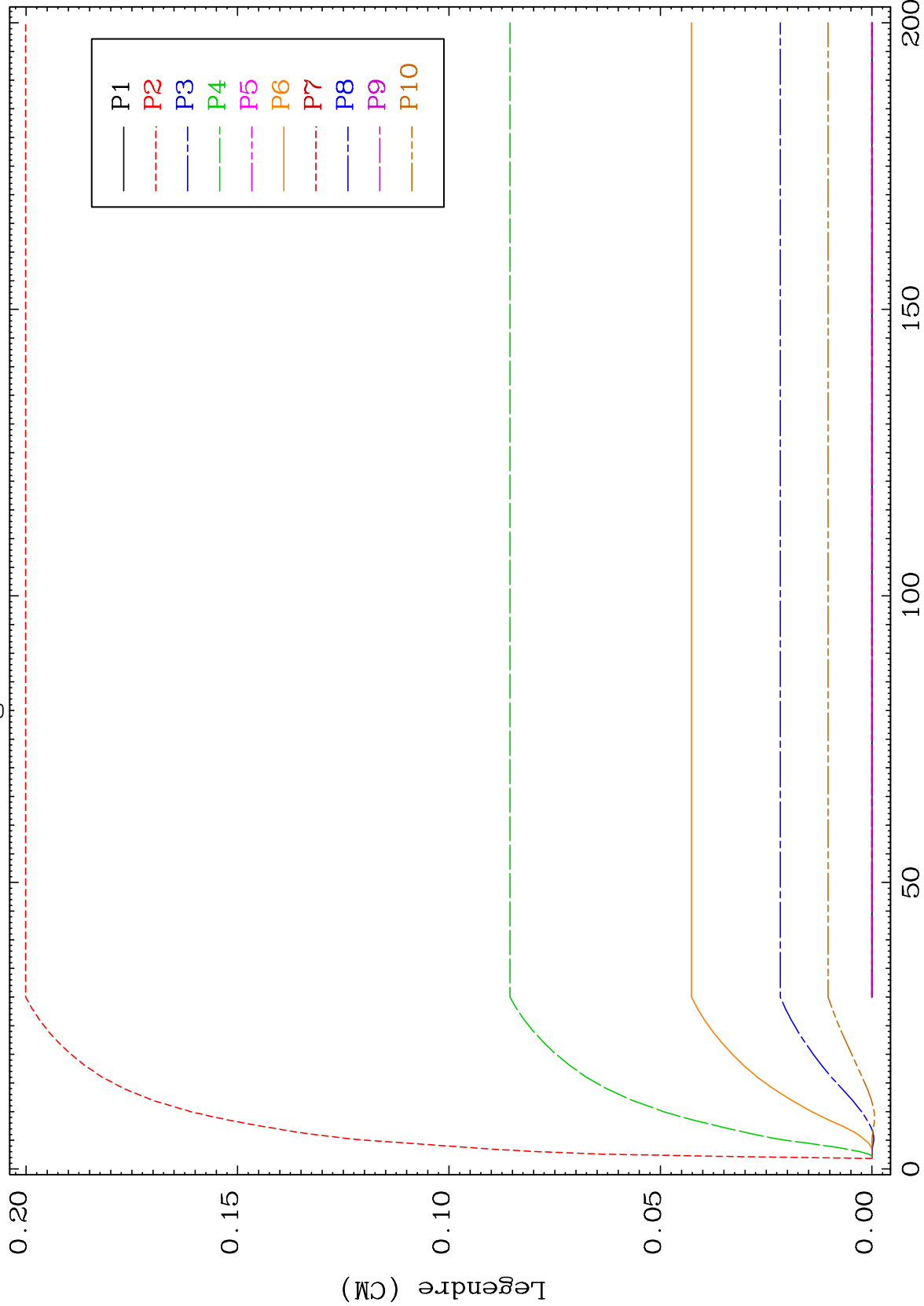
Incident Energy (MeV)

121

MAT 6837

MT= 80 (n,n') Level
Legendre Coefficients

68-Er-166



122

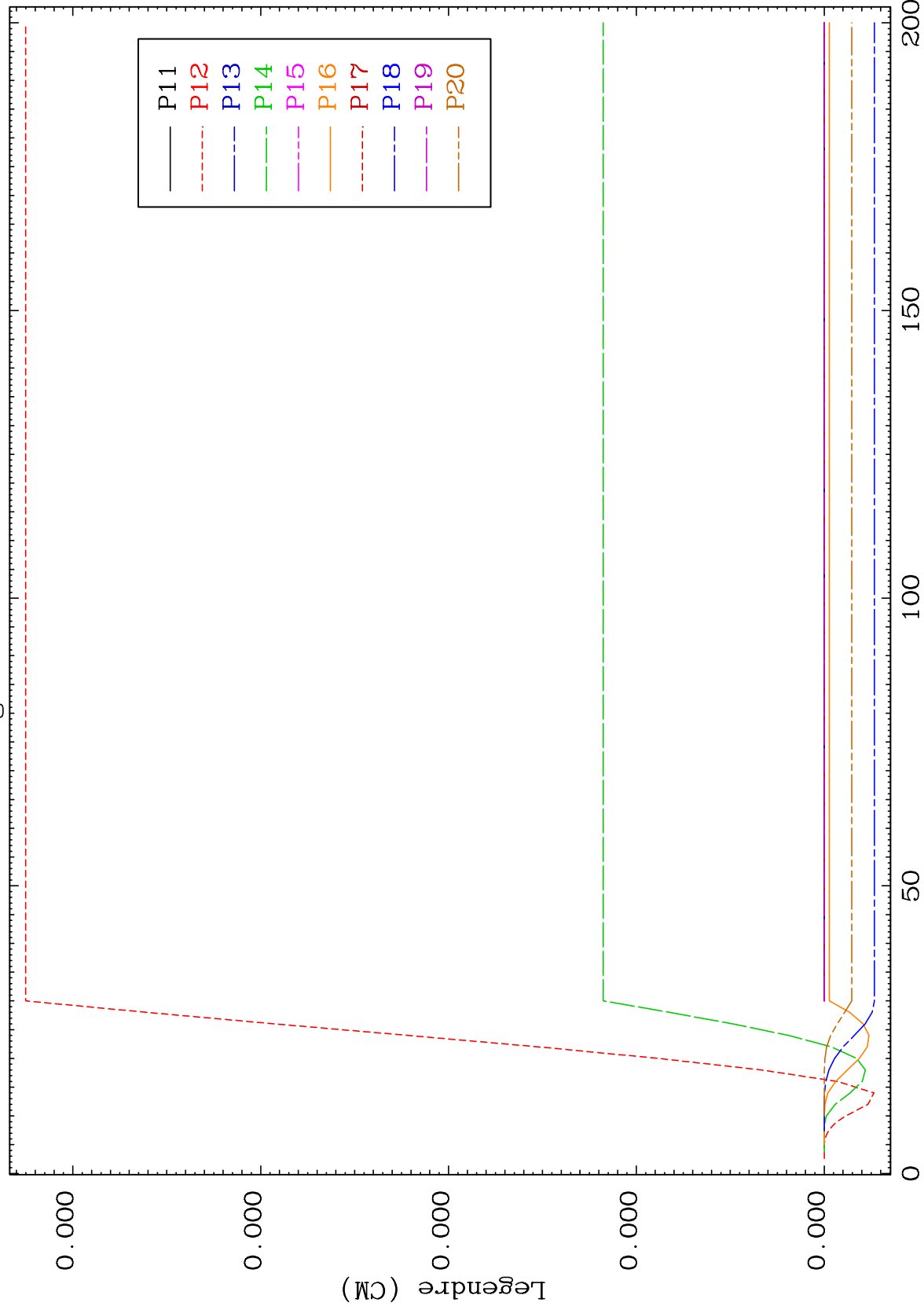
Incident Energy (MeV)

68-Er-166

MAT 6837

MT= 80 (n,n') Level
Legendre Coefficients

68-Er-166



123

Incident Energy (MeV)

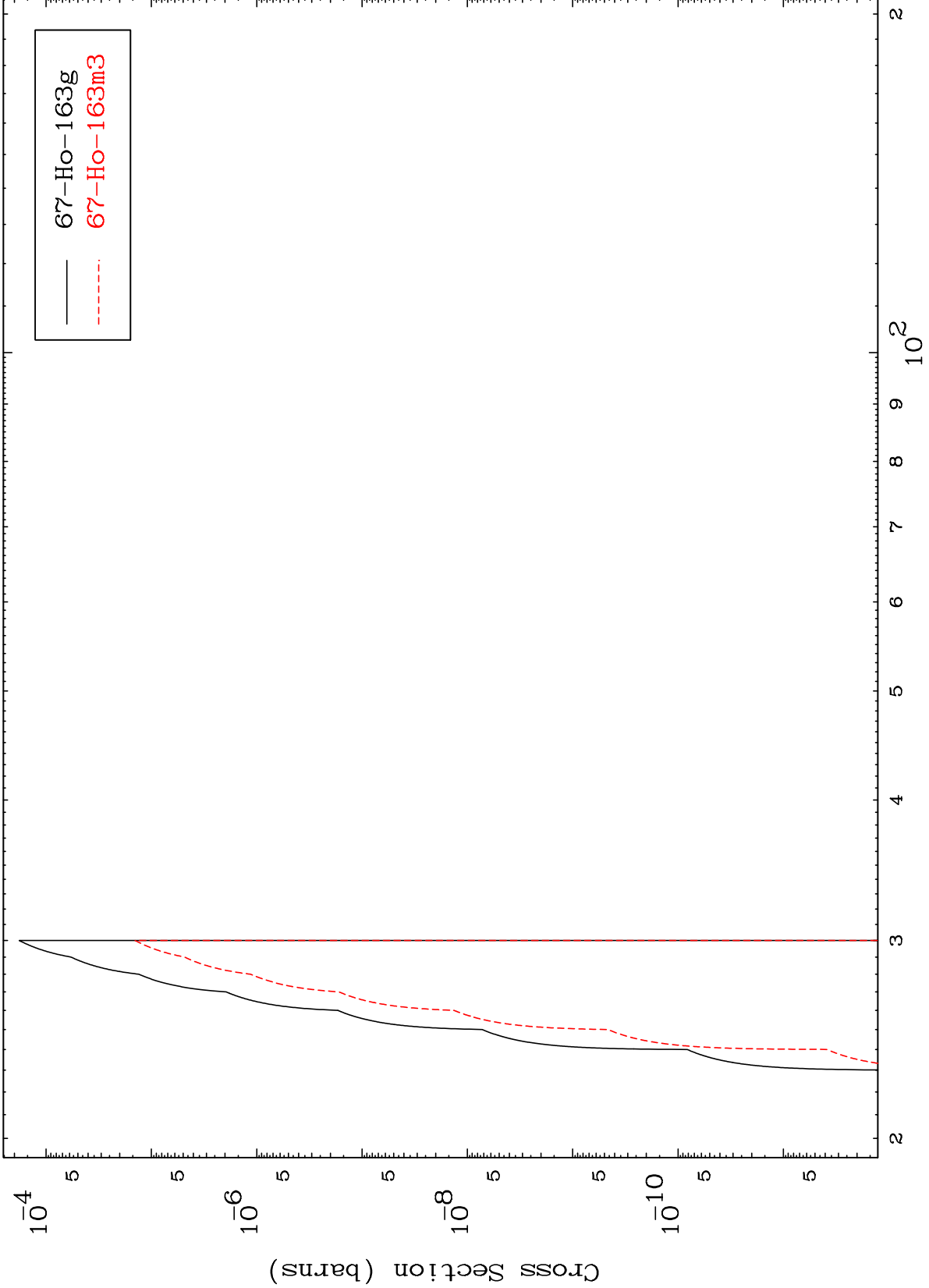
68-Er-166

MAT 6837

(n,2n) d

68-Er-166

Radionuclide Production Cross Section

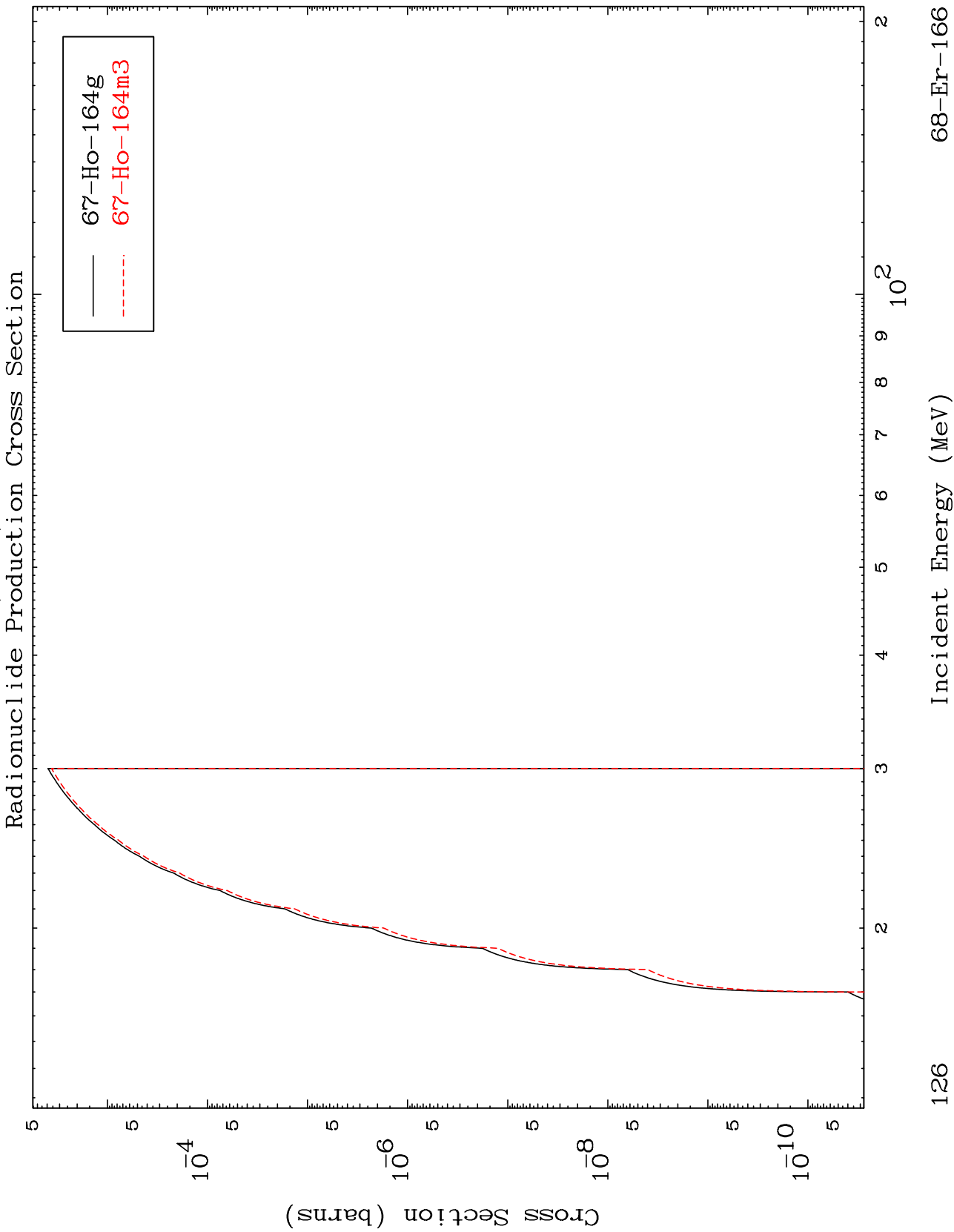


67-Ho-163g
67-Ho-163m3

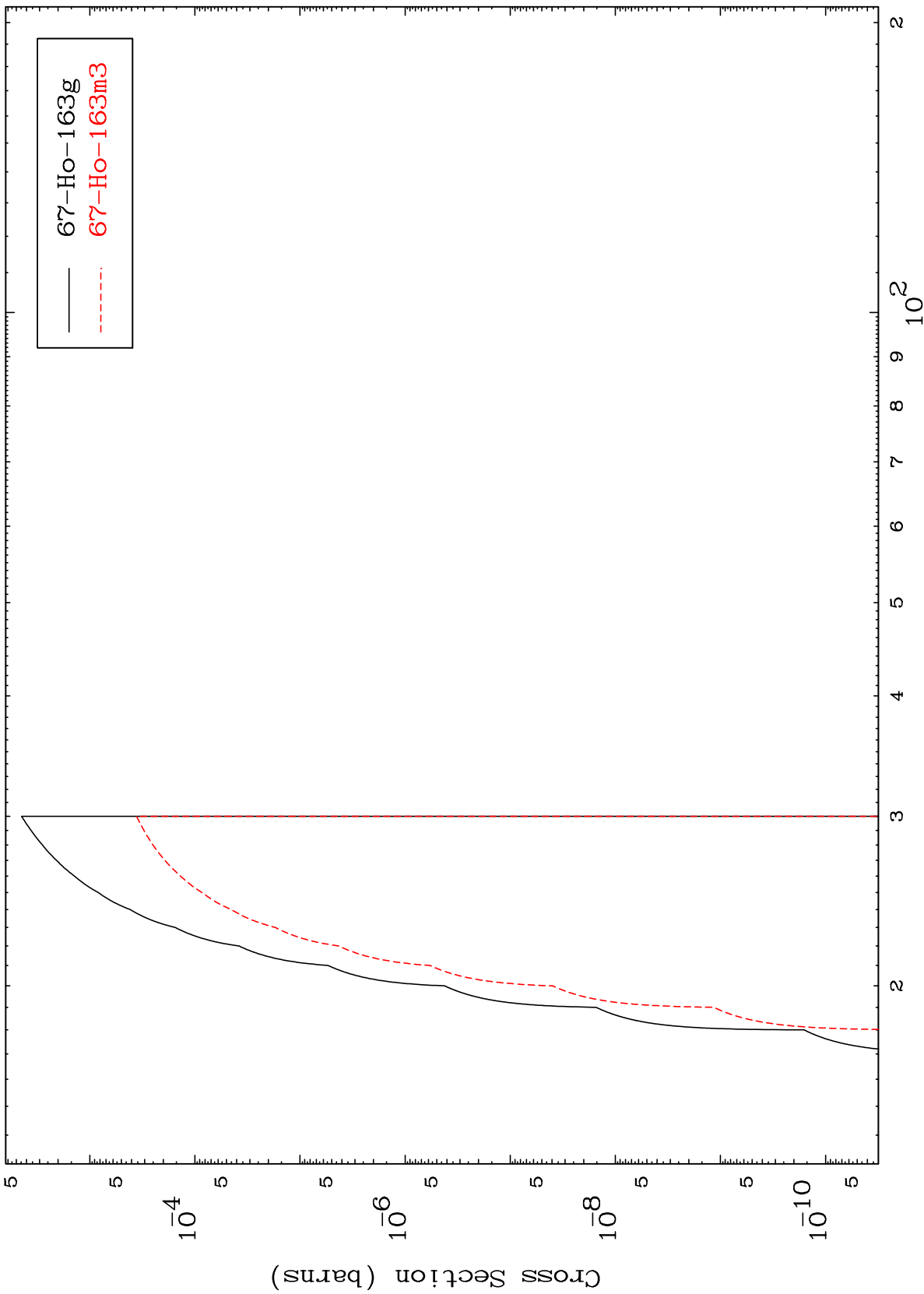
125

Incident Energy (MeV)

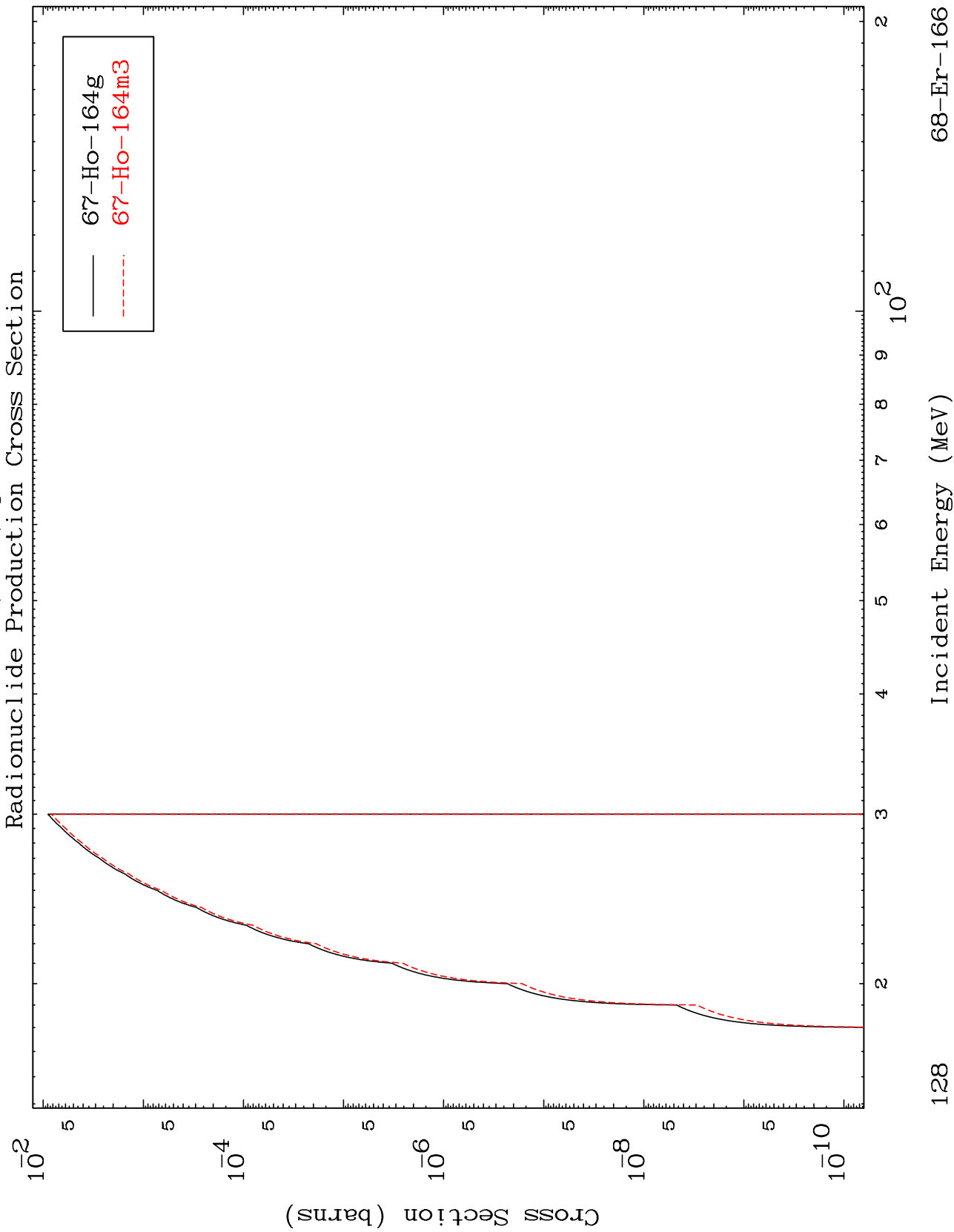
68-Er-166



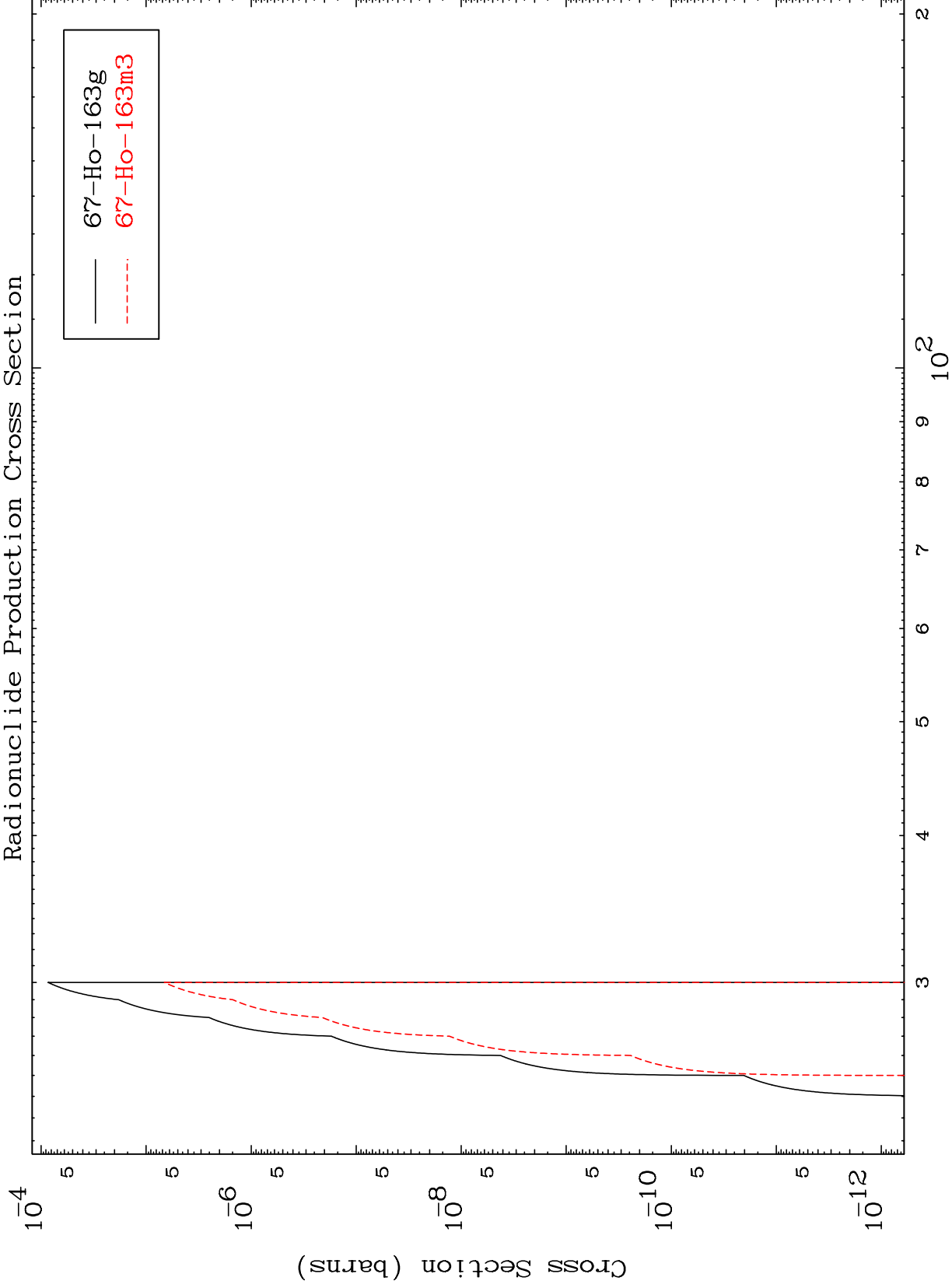
Radionuclide Production Cross Section



67-Ho-163g
67-Ho-163m3



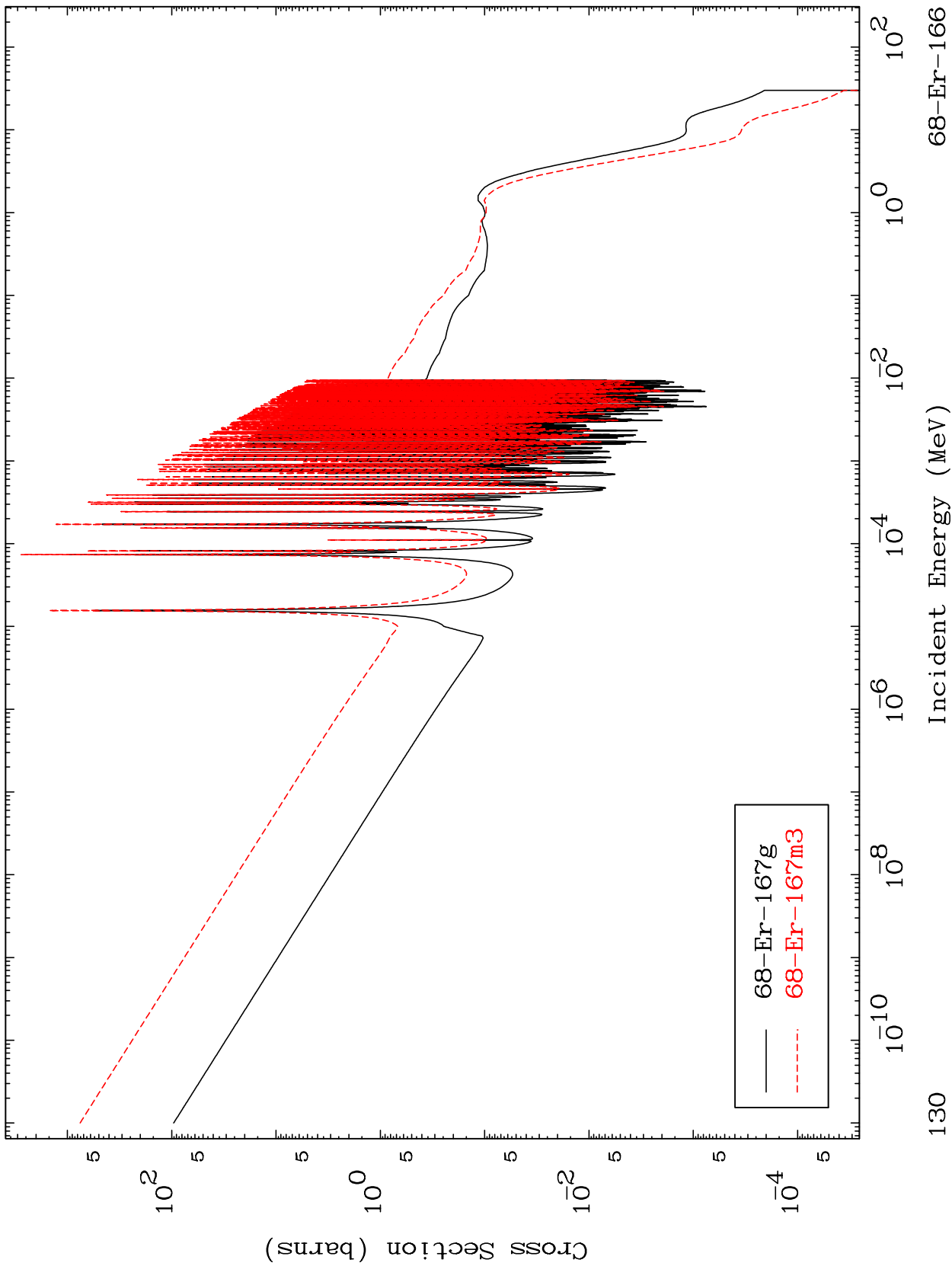
Radionuclide Production Cross Section



MAT 6837

68-Er-166

(n, γ)
Radionuclide Production Cross Section



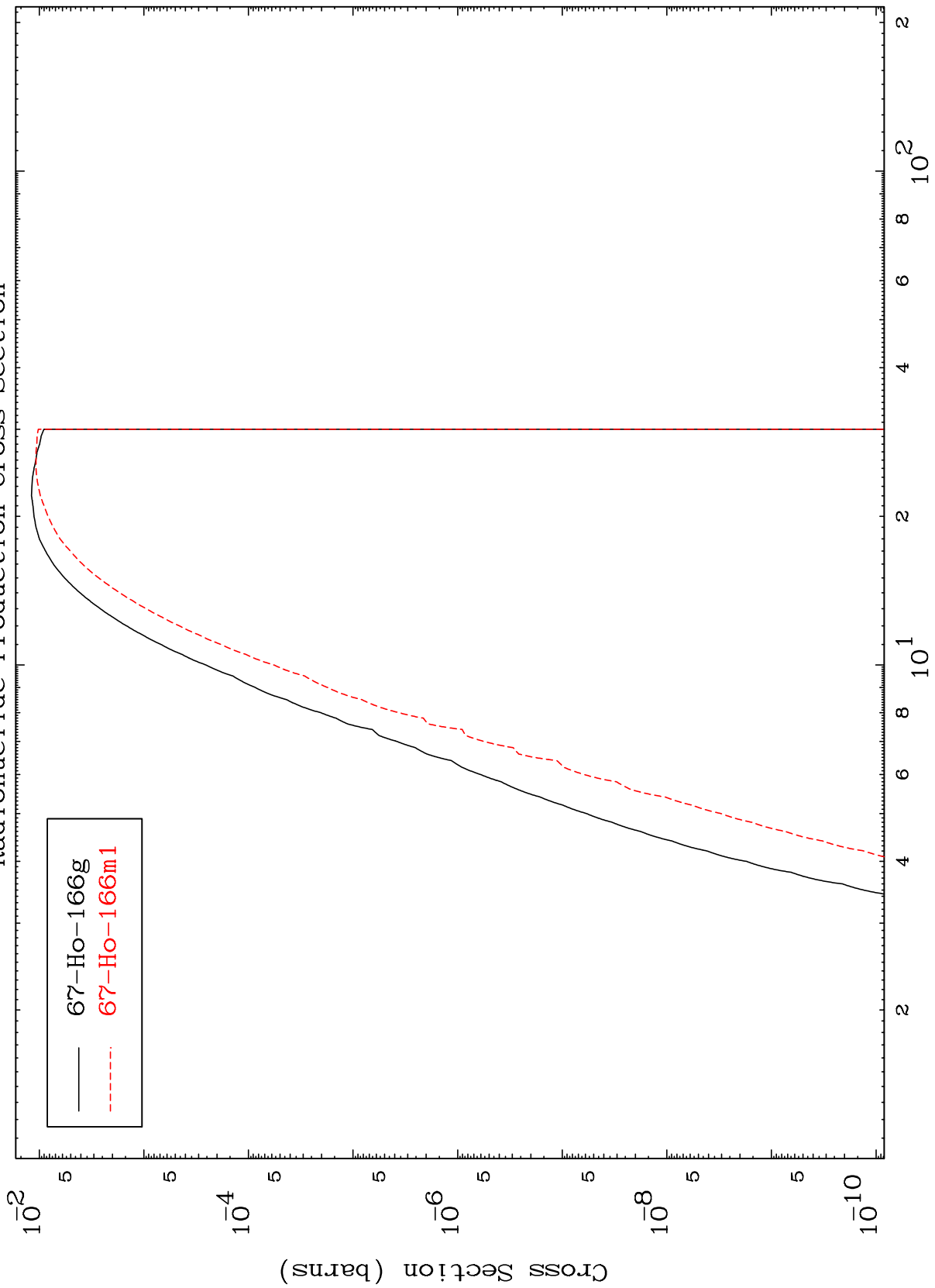
130

68-Er-166

MAT 6837

68-Er-166

(n,p)
Radionuclide Production Cross Section



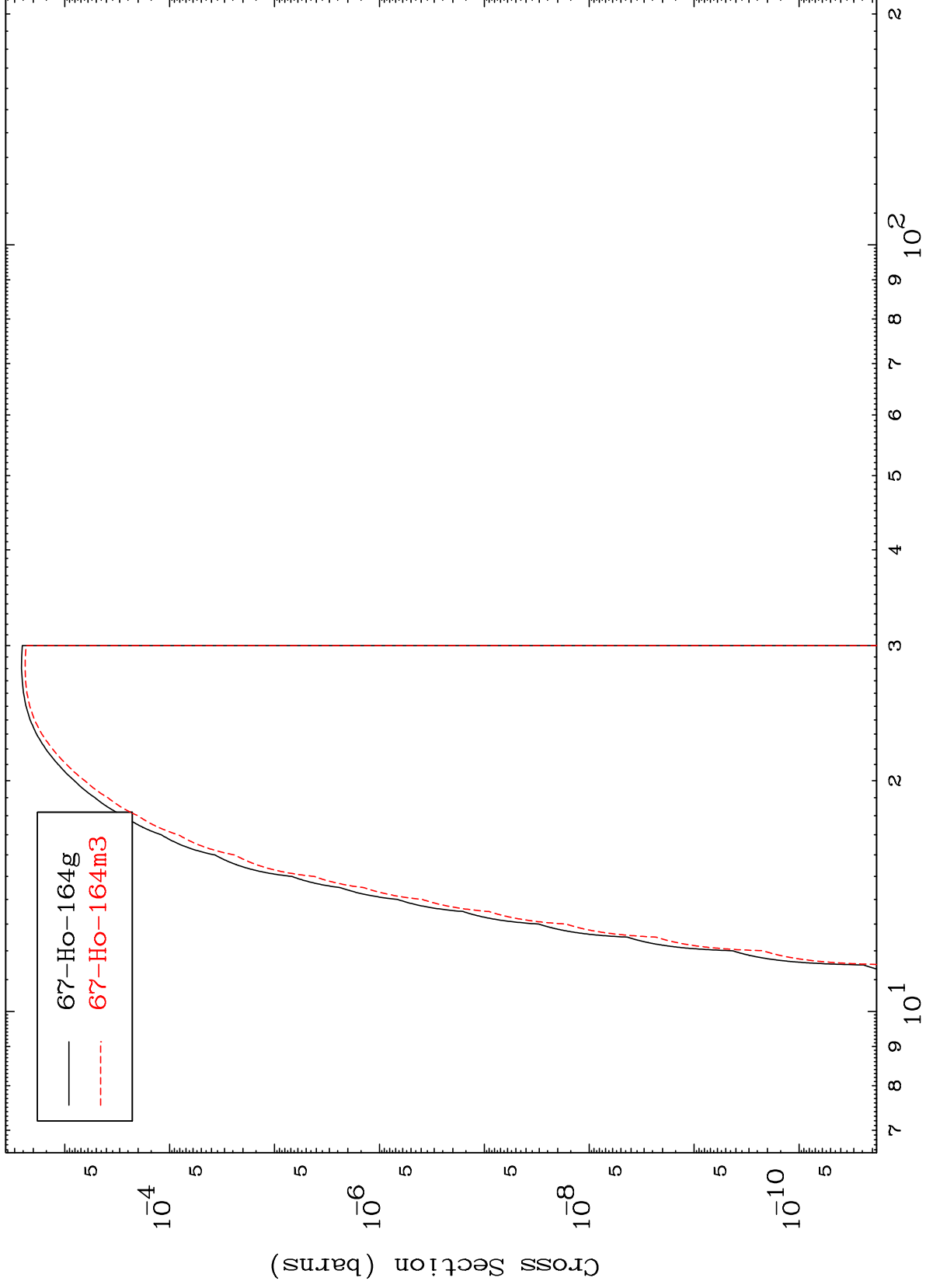
67-Ho-166g
67-Ho-166m1

68-Er-166

Incident Energy (MeV)

131

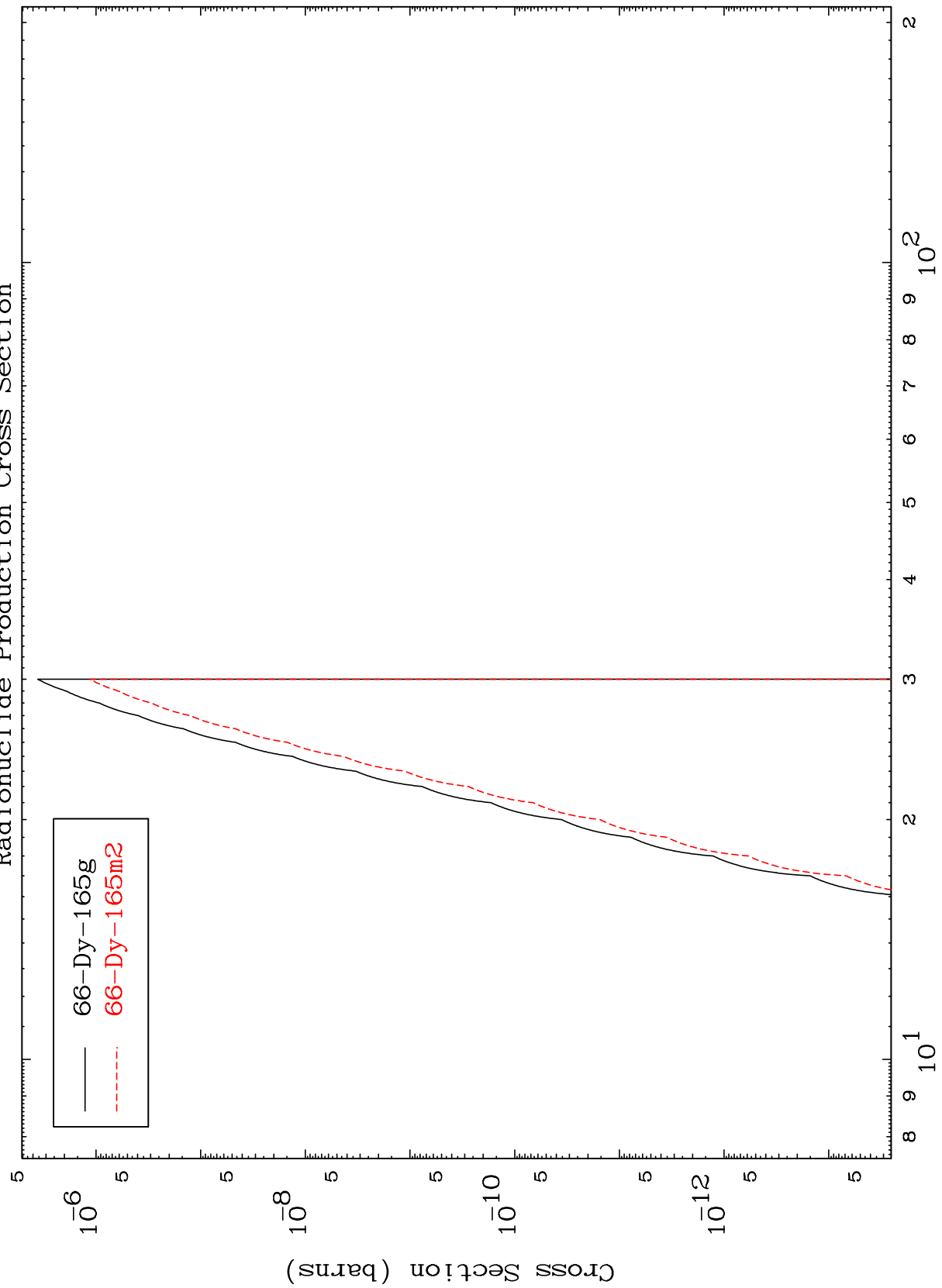
(n, t)
Radionuclide Production Cross Section



MAT 6837

68-Er-166

(n,2p)
Radionuclide Production Cross Section



— 66-Dy-165g
- - - 66-Dy-165m2

68-Er-166

Incident Energy (MeV)

133