

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

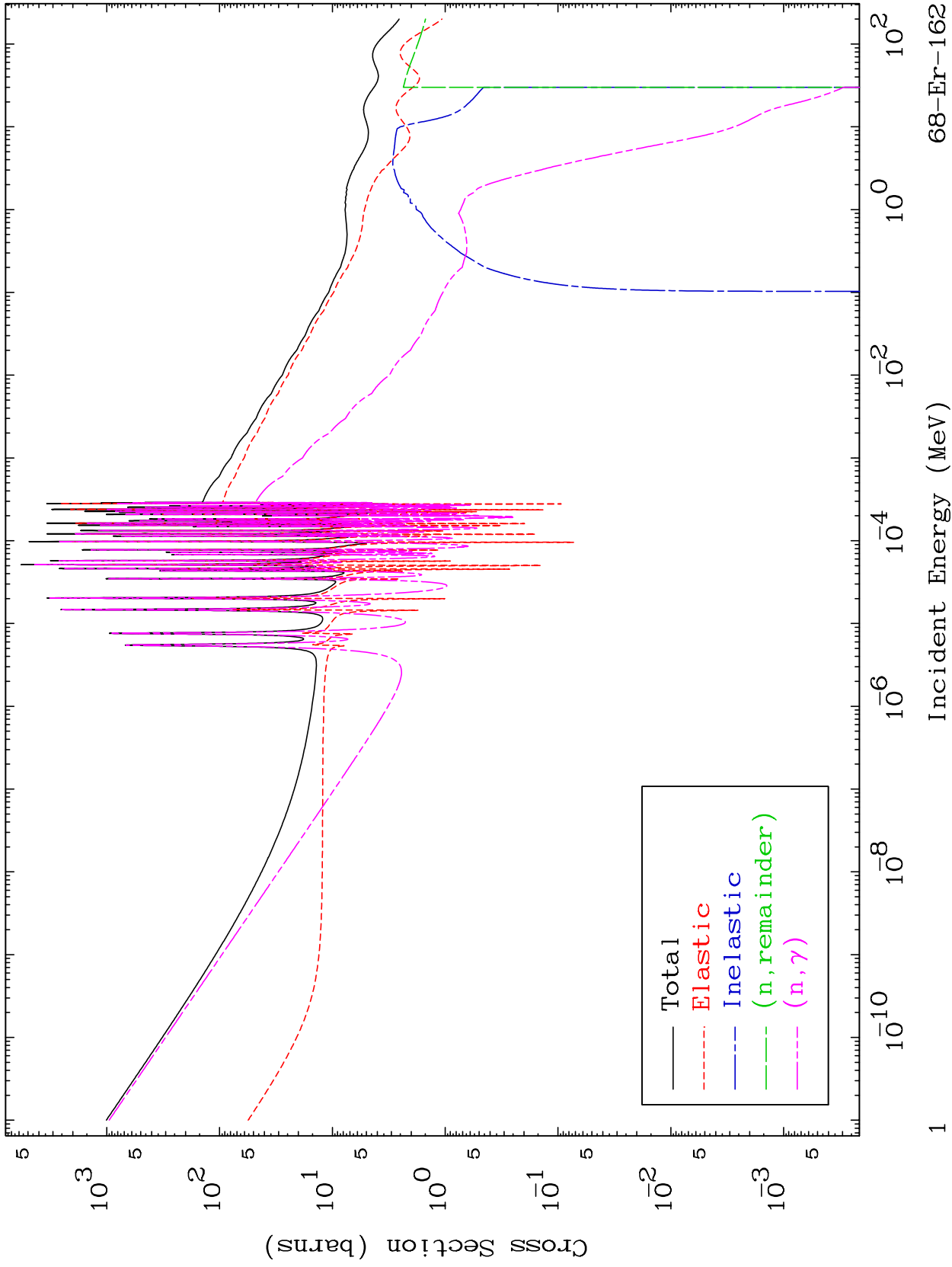
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6825

Major
293 Kelvin Cross Sections

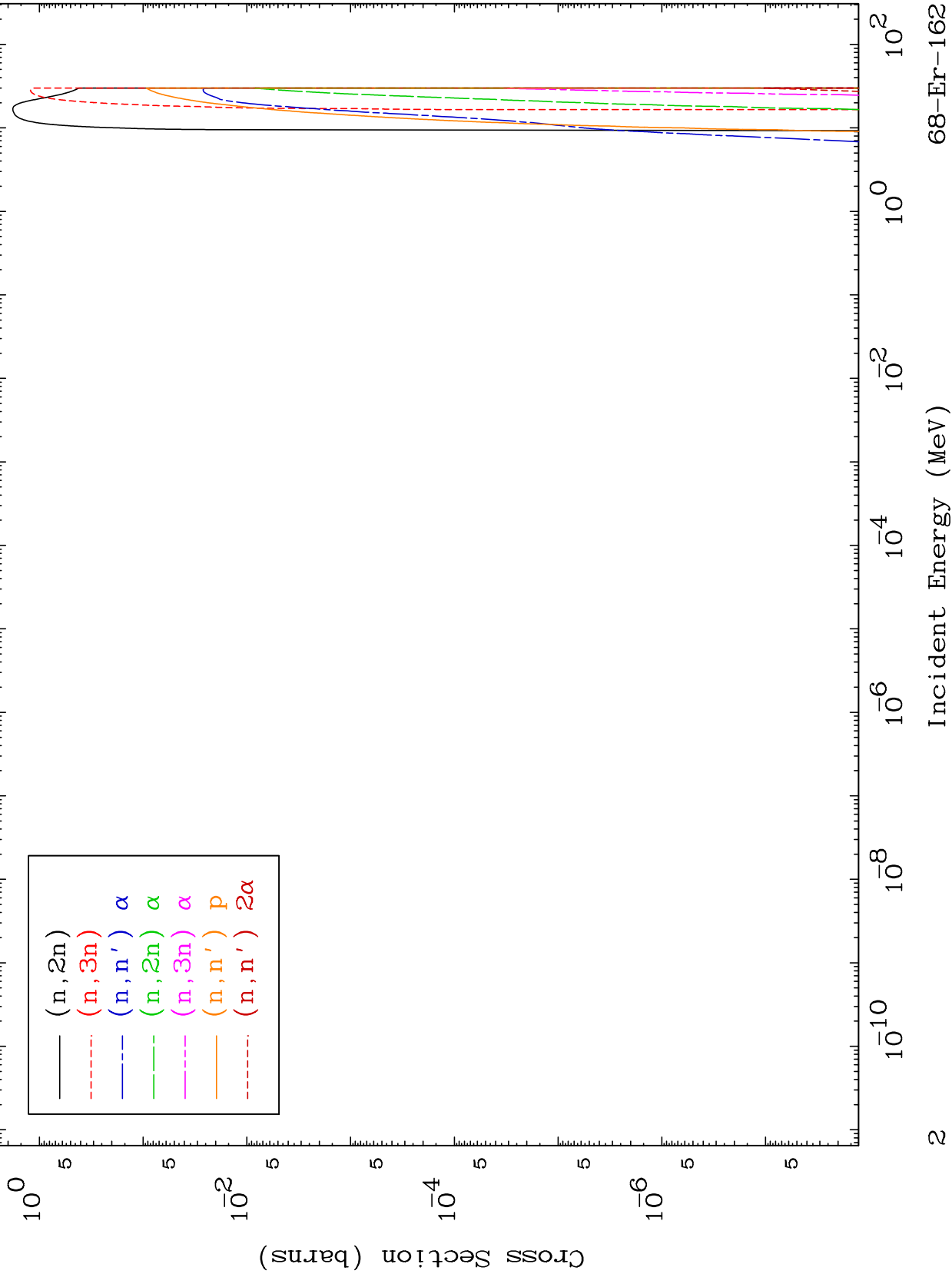
68-Er-162

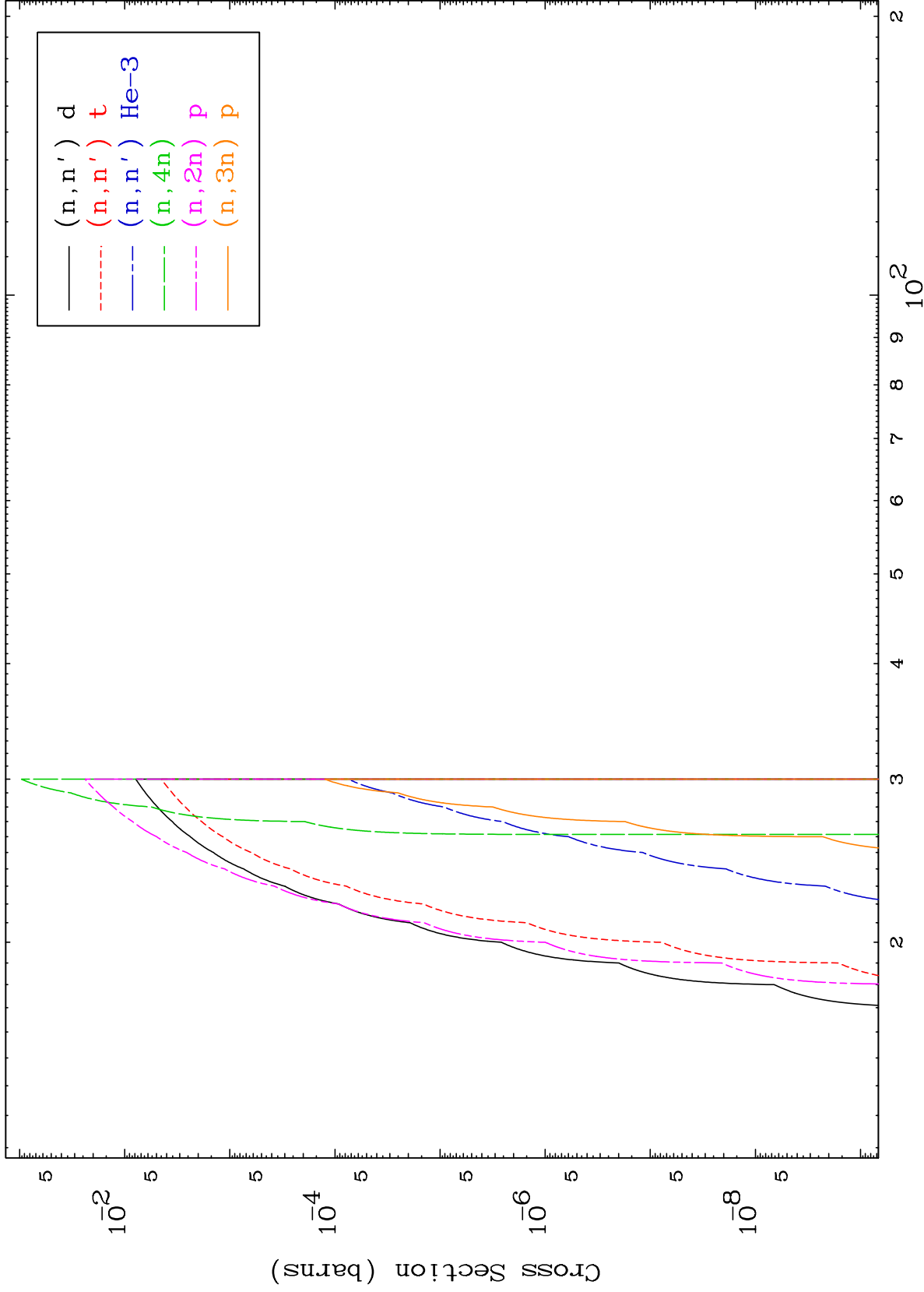


MAT 6825

Neutron Production
293 Kelvin Cross Sections

68-Er-162

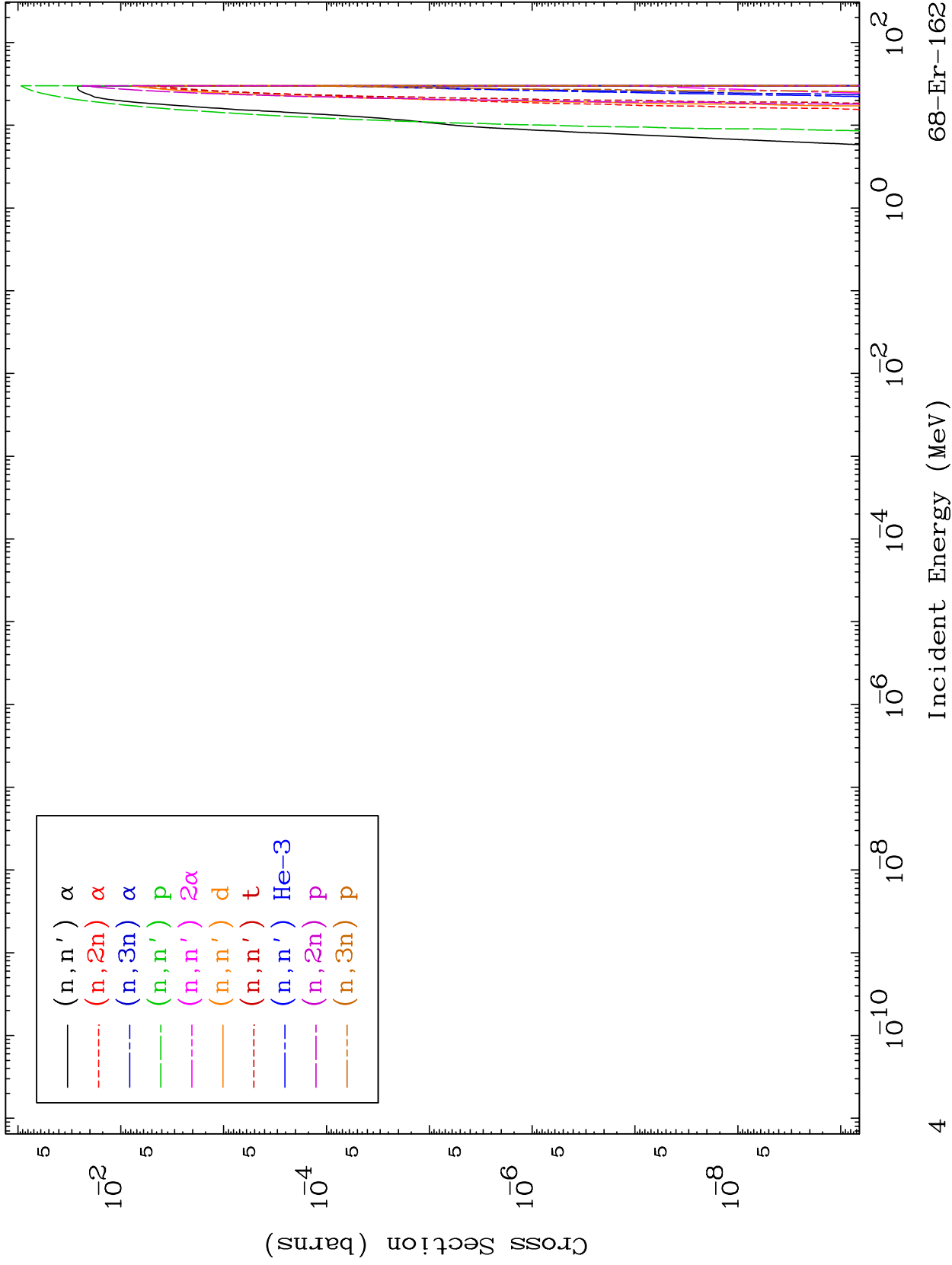




MAT 6825

Charged Particle
293 Kelvin Cross Sections

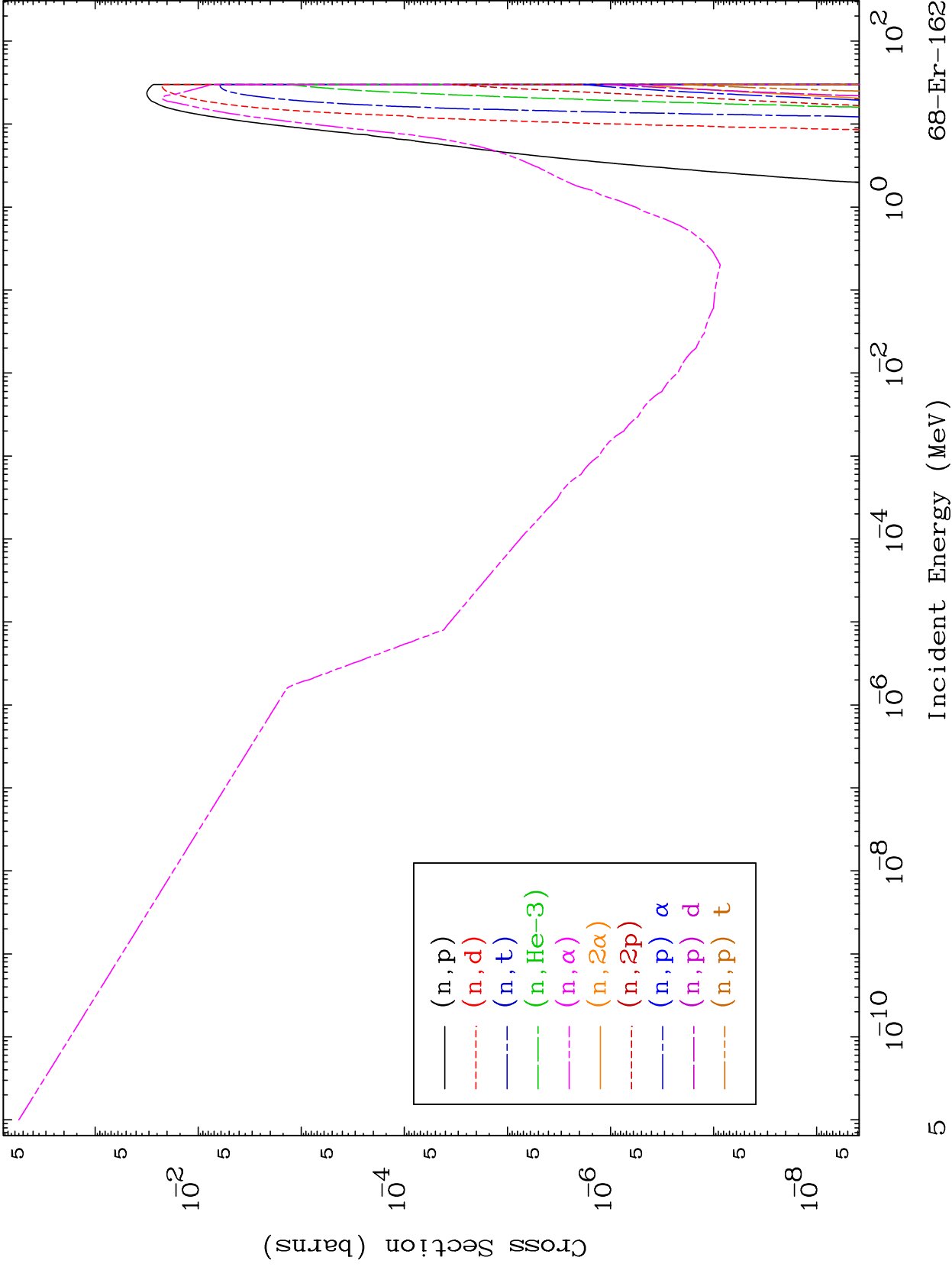
68-Er-162

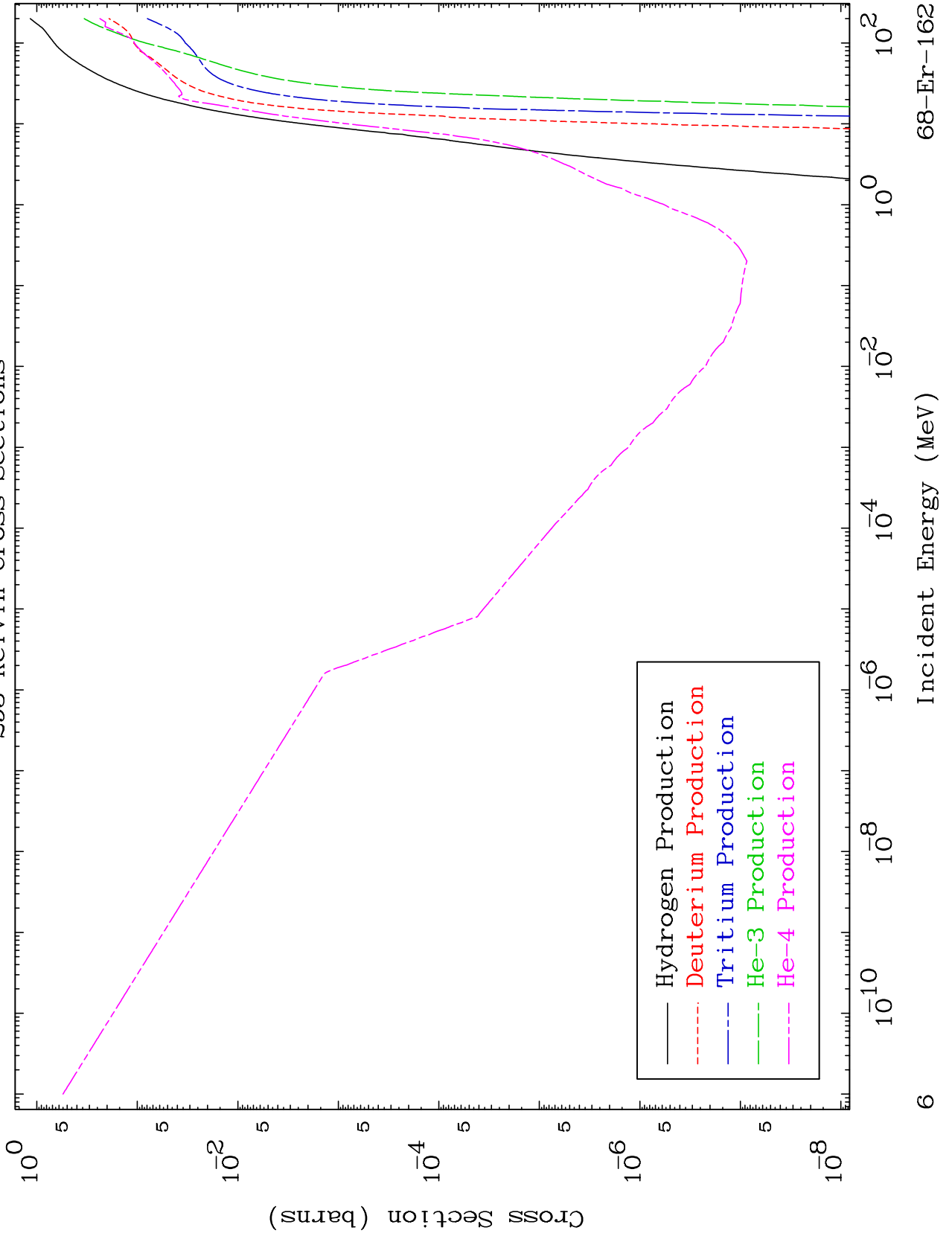


MAT 6825

Charged Particle
293 Kelvin Cross Sections

68-Er-162



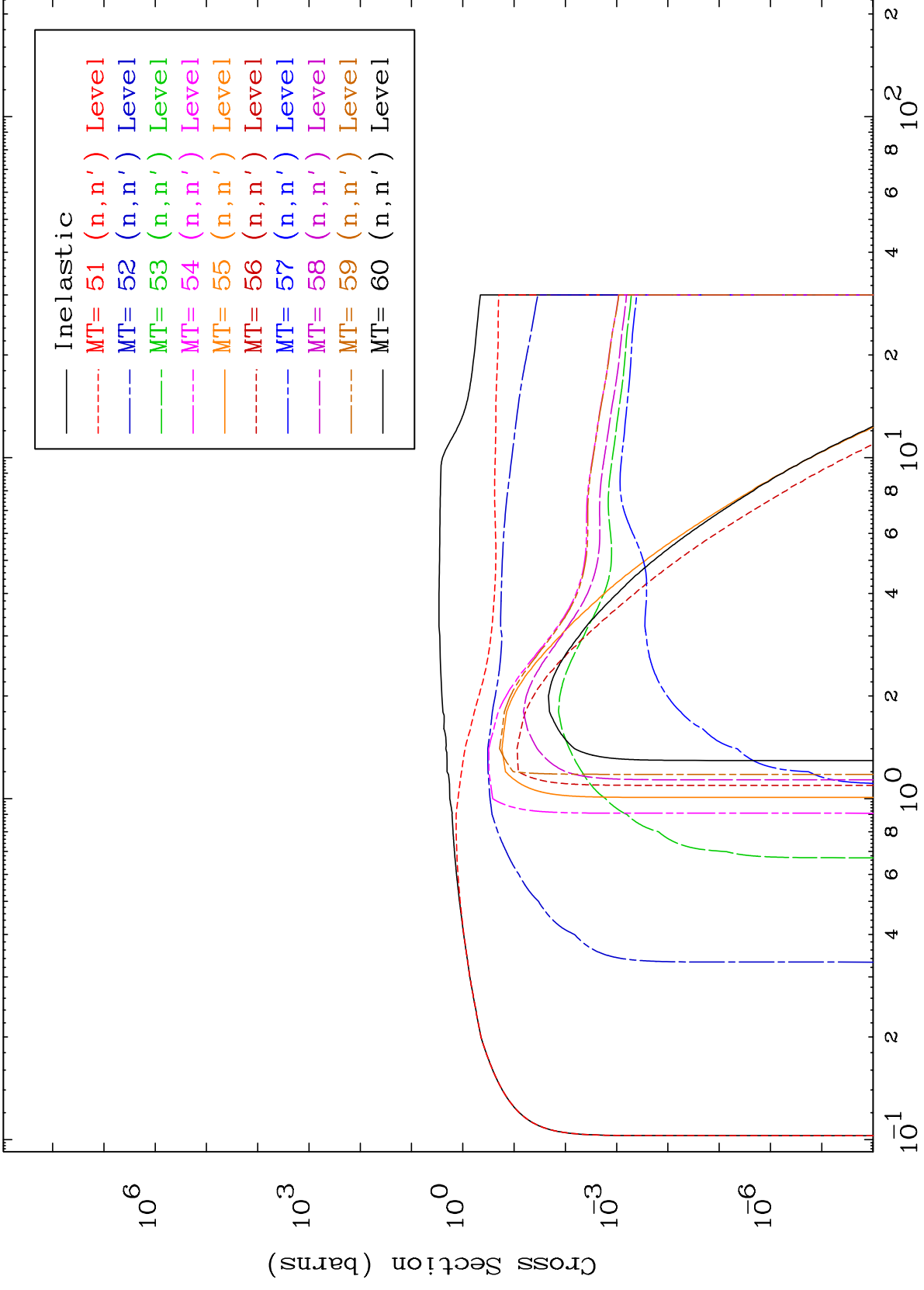


MAT 6825

(n,n') Level

68-Er-162

293 Kelvin Cross Sections



Incident Energy (MeV)

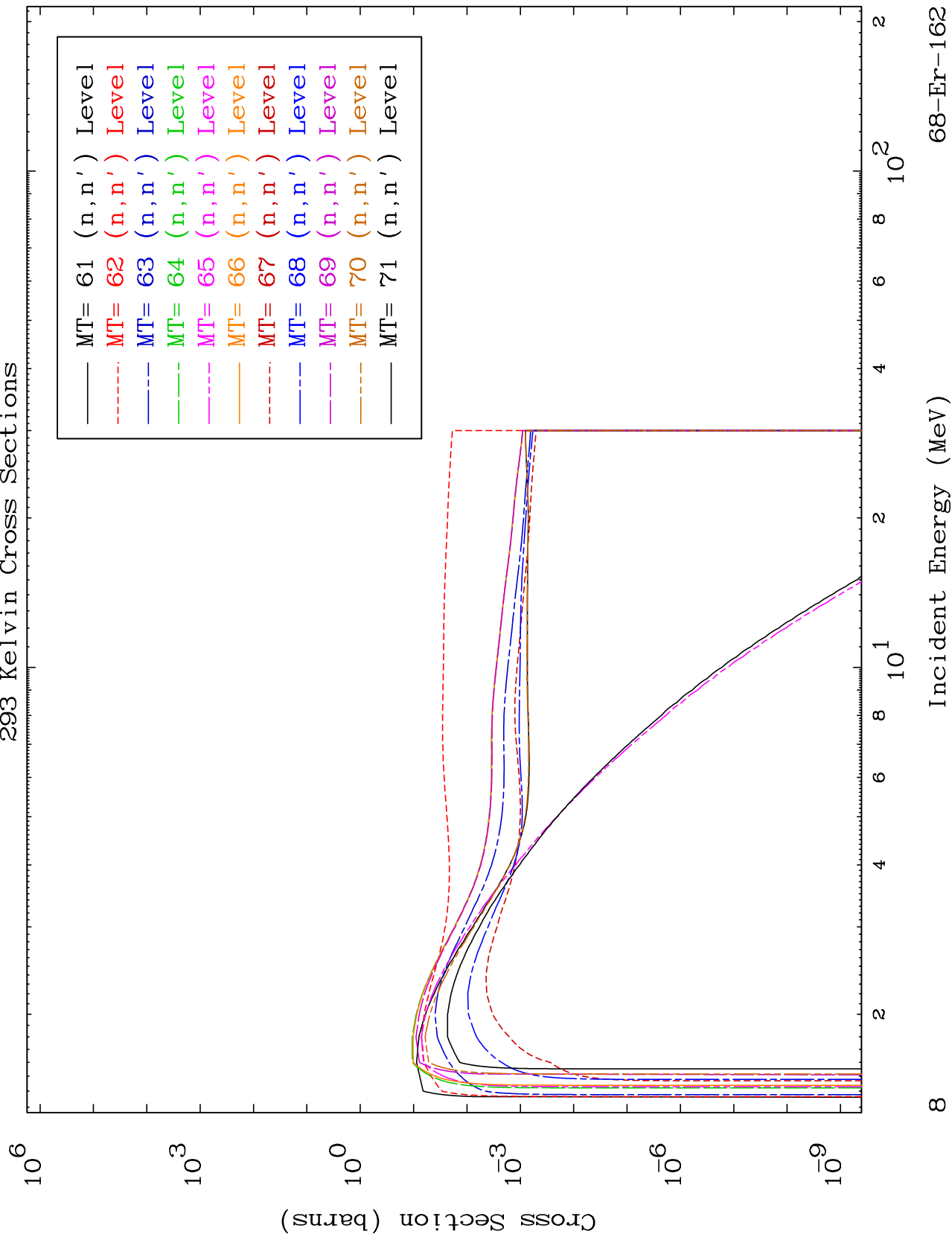
68-Er-162

MAT 6825

(n,n') Level

68-Er-162

293 Kelvin Cross Sections

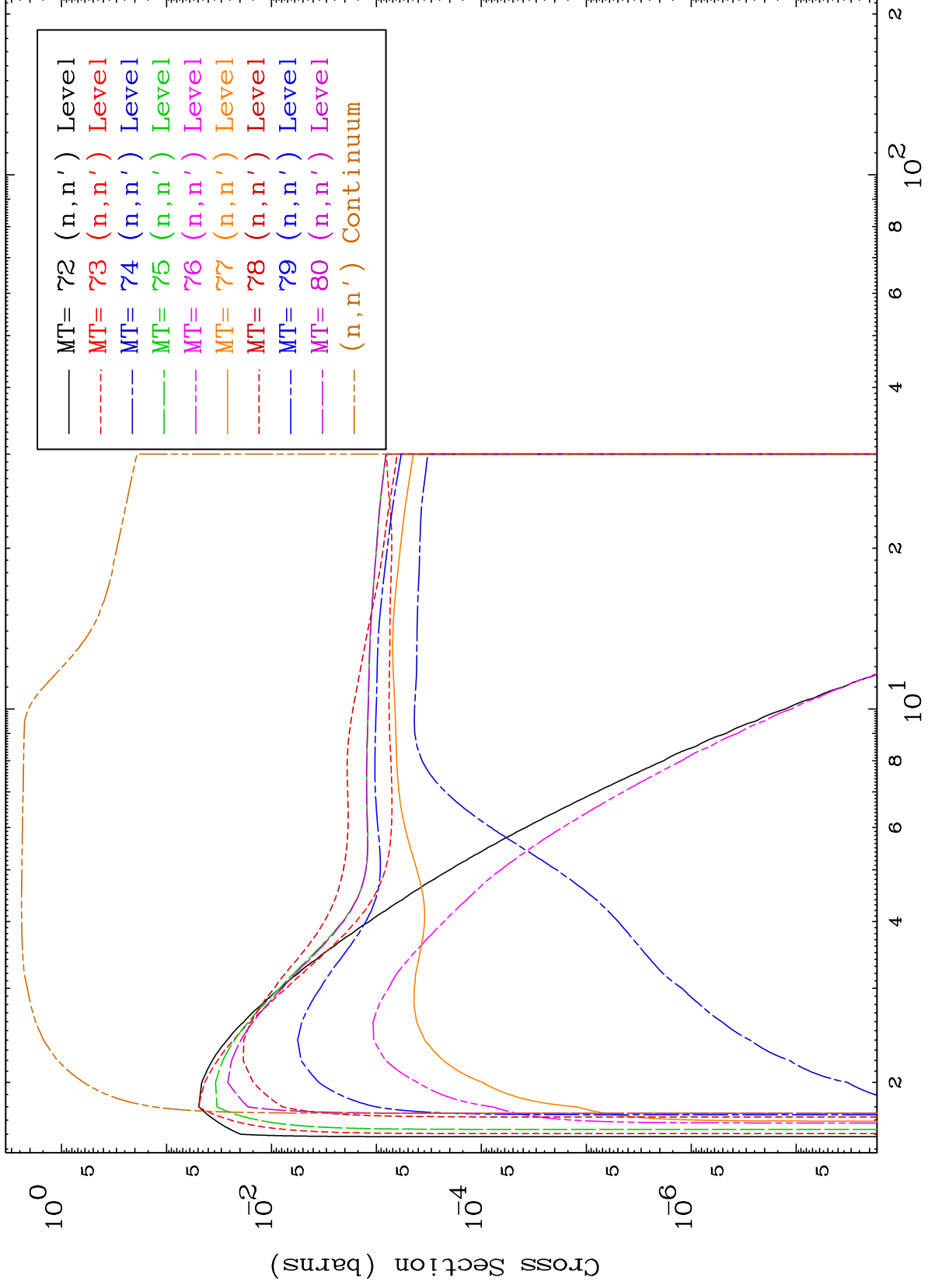


8

Incident Energy (MeV)

68-Er-162

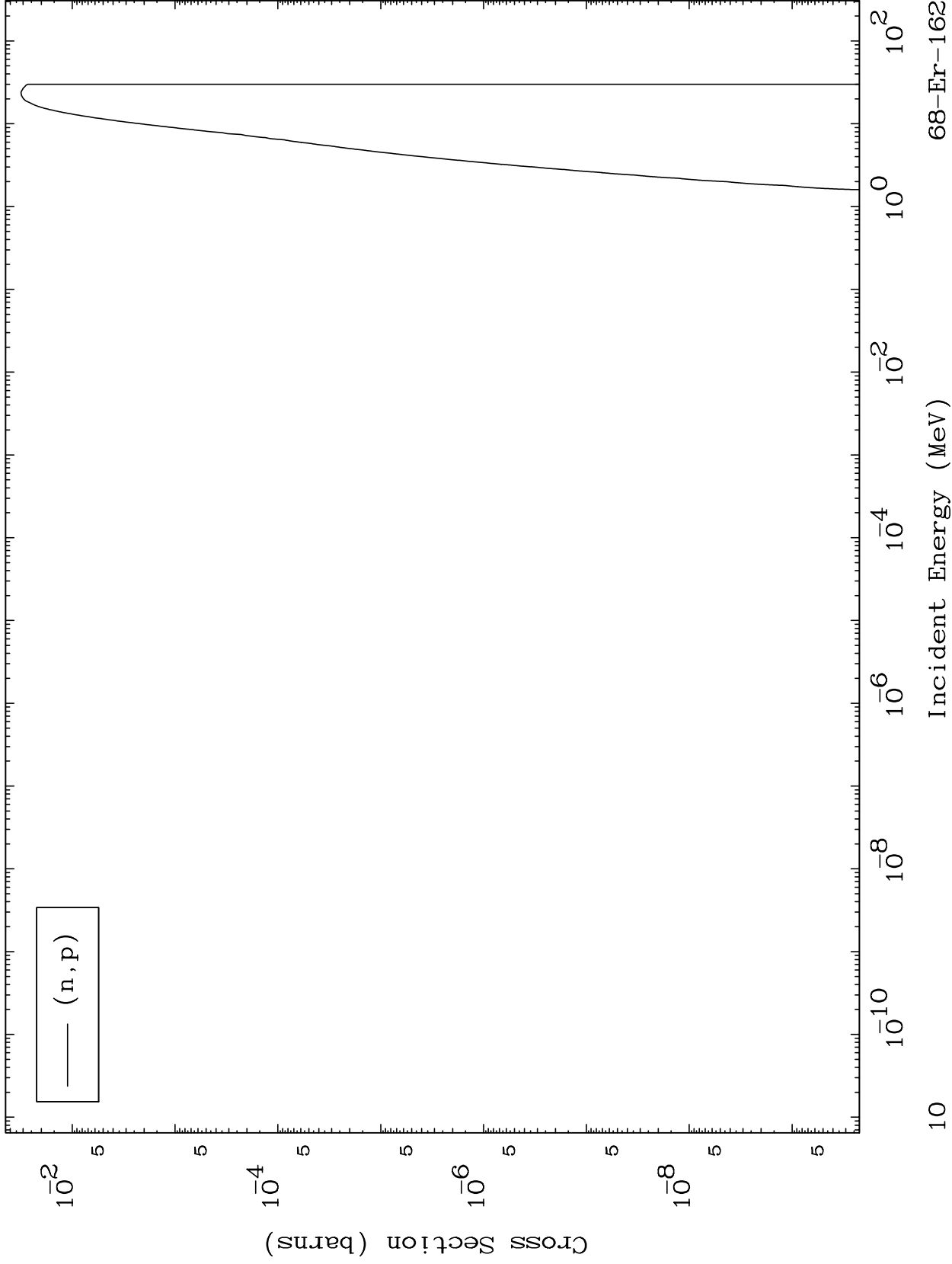
293 Kelvin Cross Sections



MAT 6825

(n,p) Levels
293 Kelvin Cross Sections

68-Er-162



10

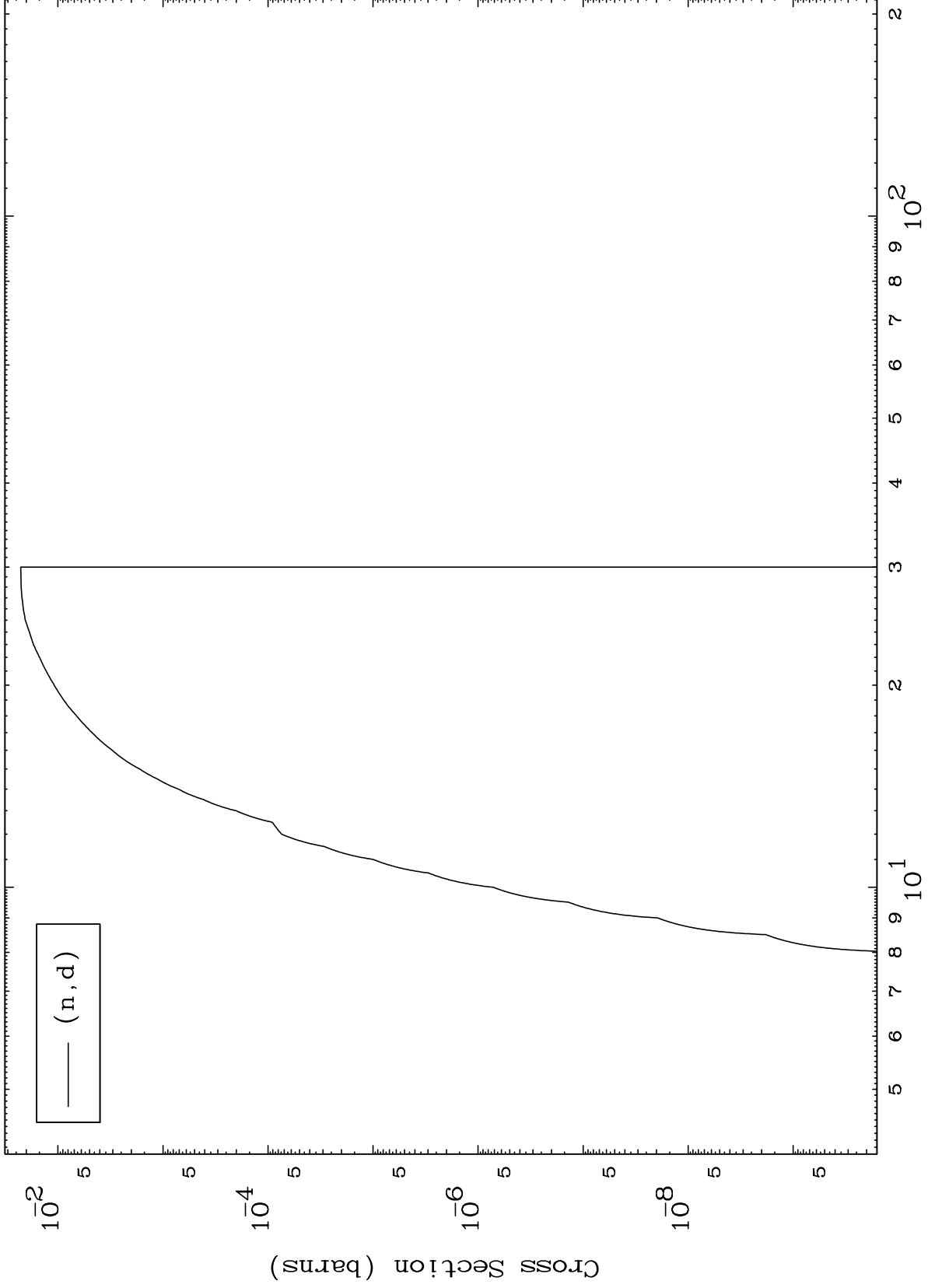
Incident Energy (MeV)

68-Er-162

MAT 6825

(n,d) Levels
293 Kelvin Cross Sections

68-Er-162



11

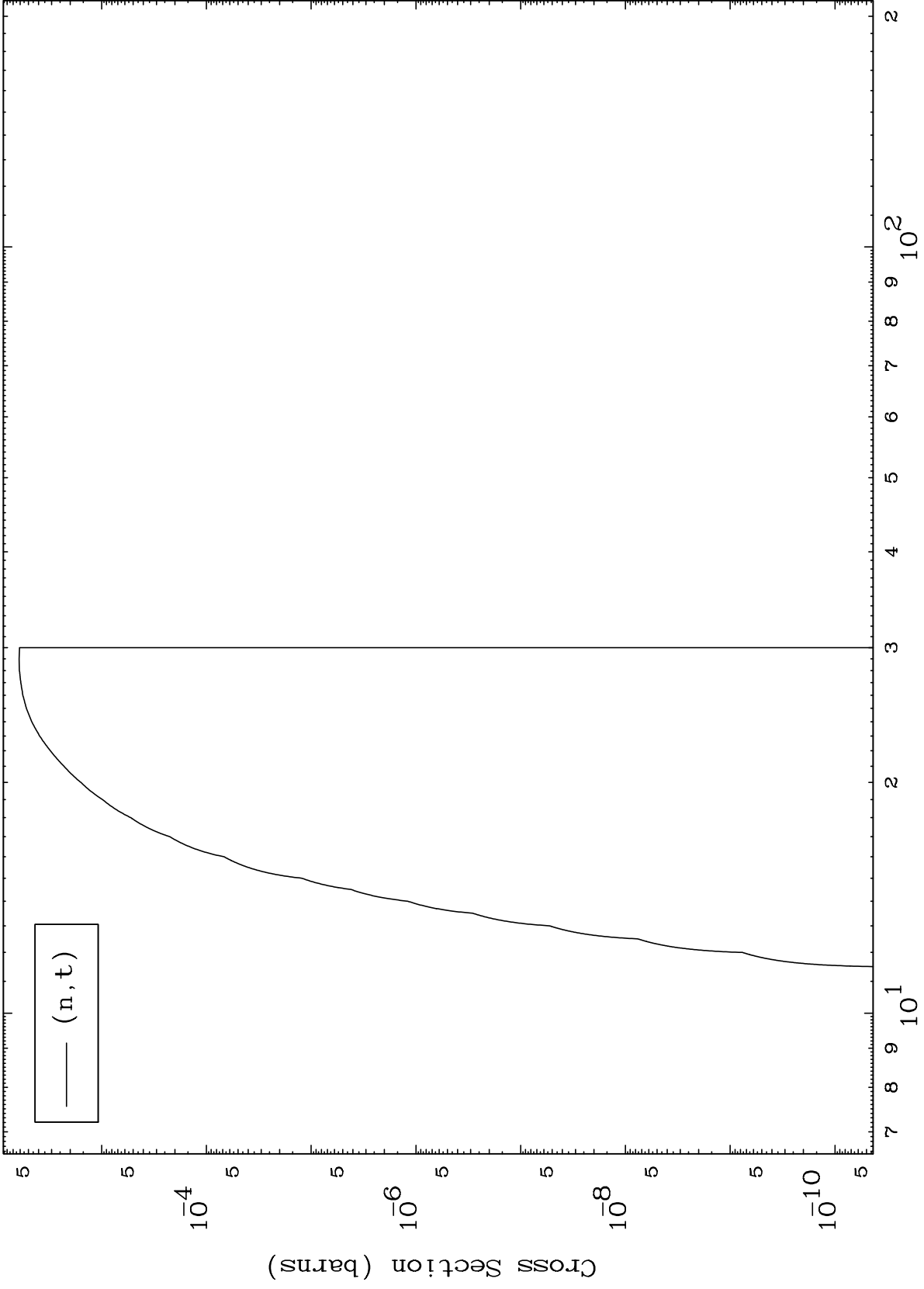
Incident Energy (MeV)

68-Er-162

MAT 6825

(n,t) Levels
293 Kelvin Cross Sections

68-Er-162



12

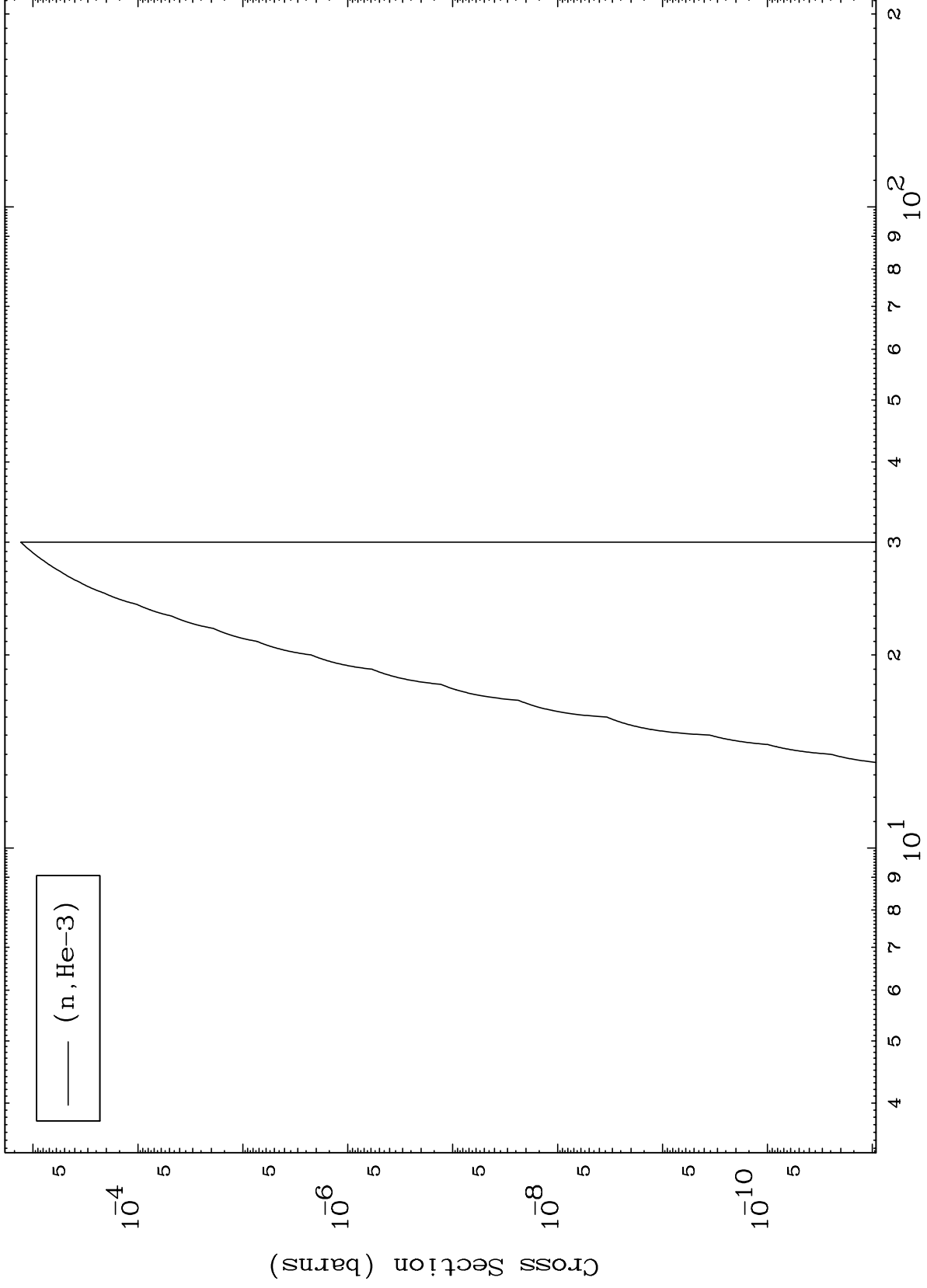
Incident Energy (MeV)

68-Er-162

MAT 6825

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-162



13

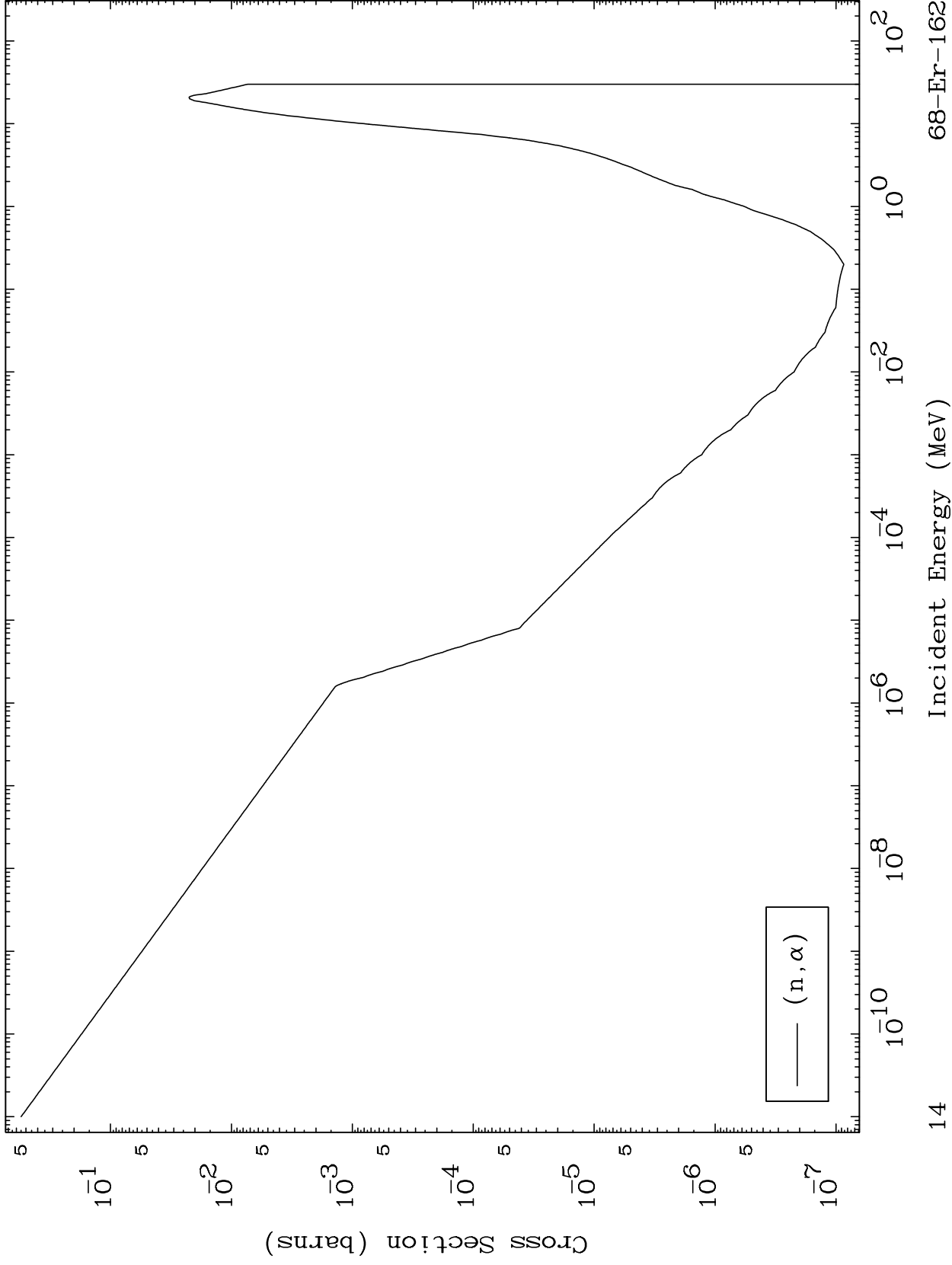
Incident Energy (MeV)

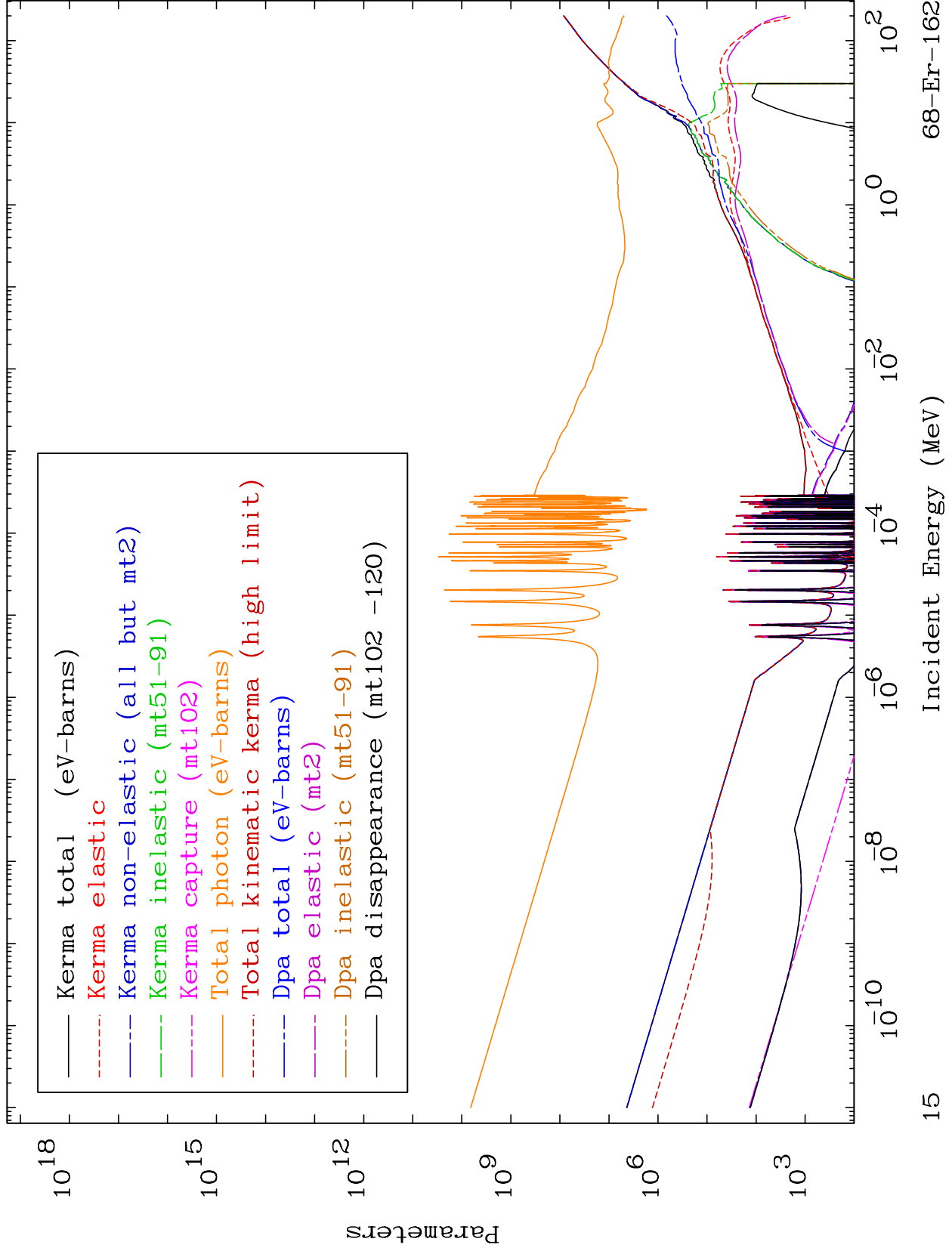
68-Er-162

MAT 6825

(n, α) Levels
293 Kelvin Cross Sections

68-Er-162

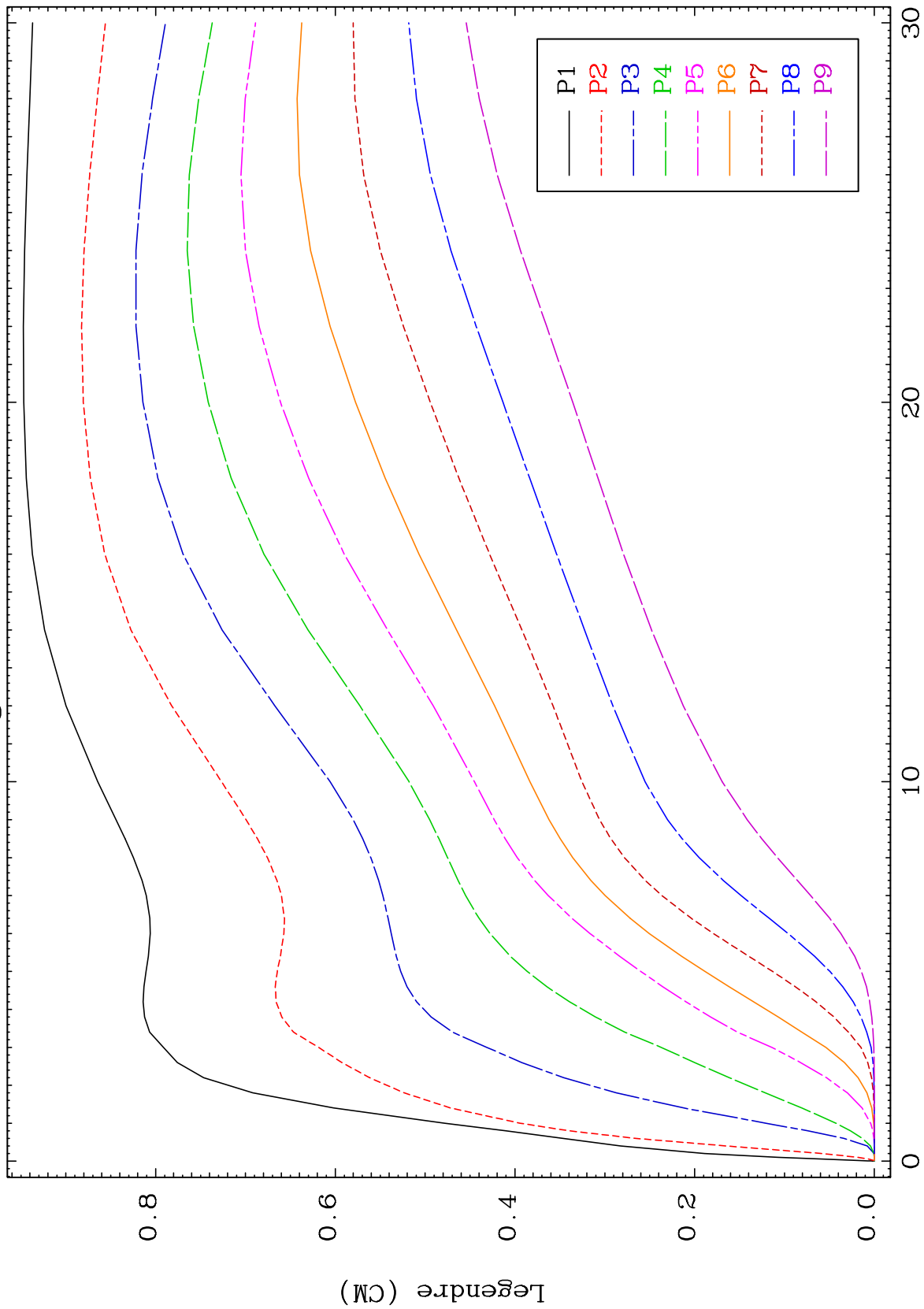




MAT 6825

Elastic Legendre Coefficients

68-Er-162



16

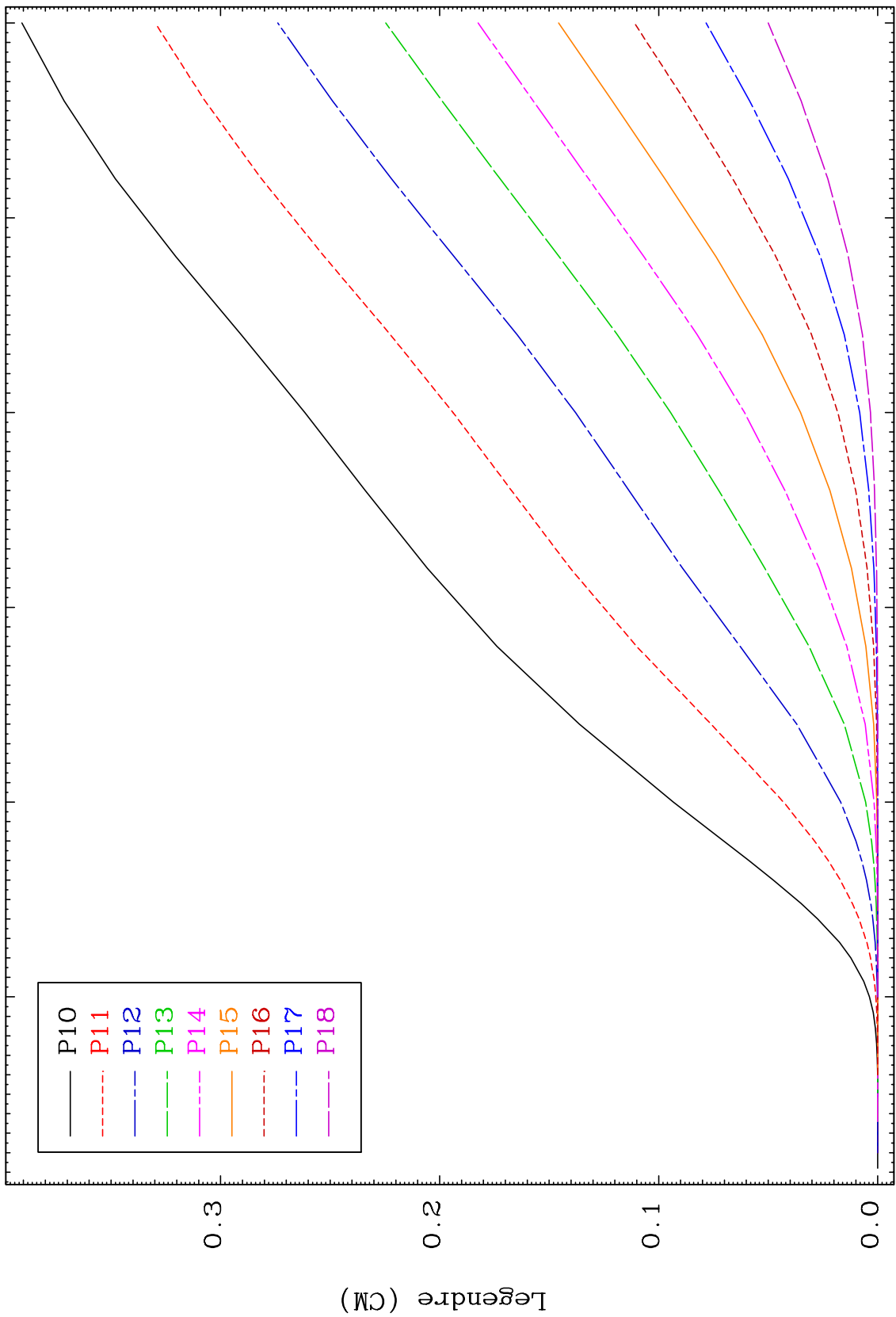
Incident Energy (MeV)

68-Er-162

MAT 6825

Elastic Legendre Coefficients

68-Er-162



17

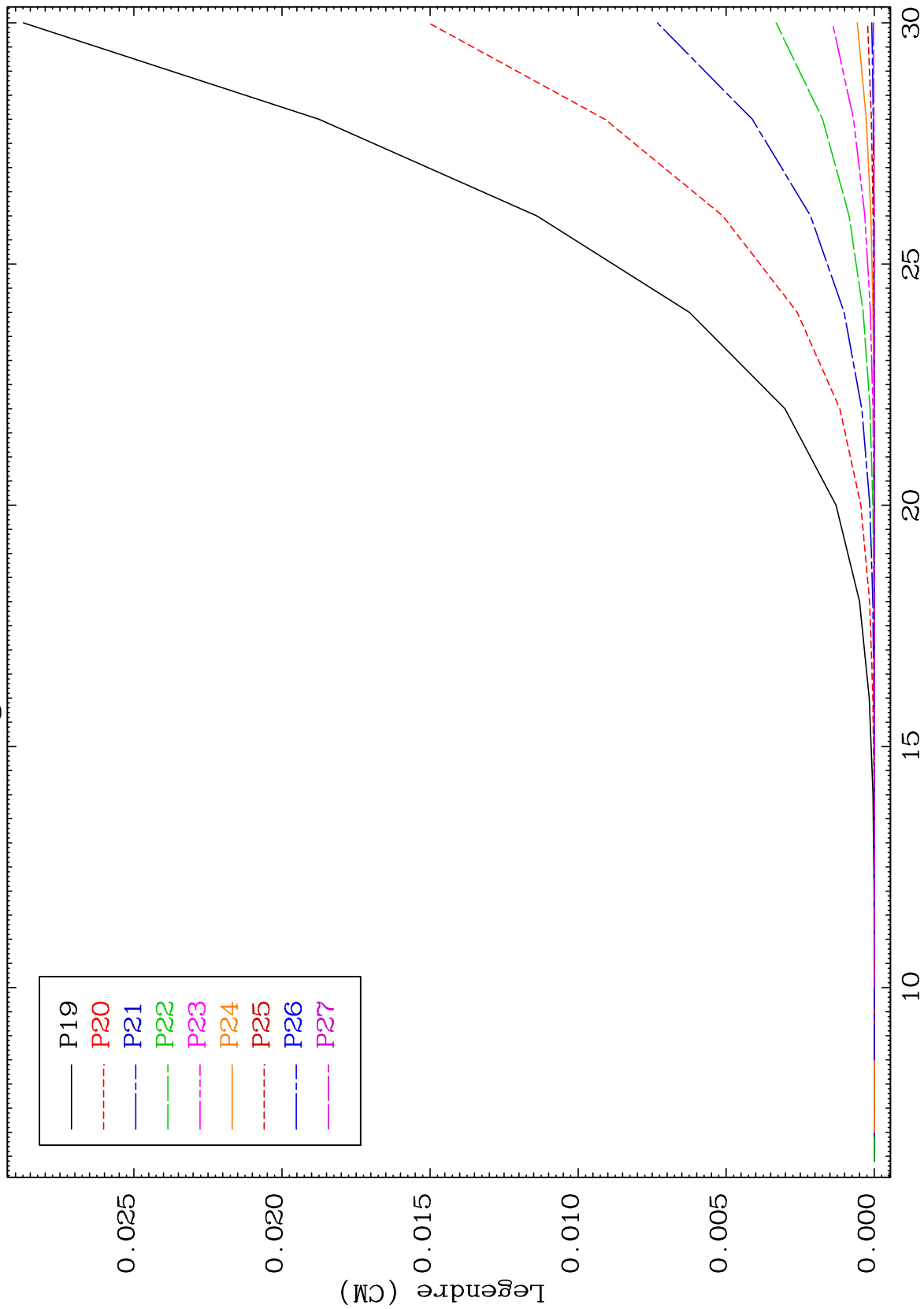
Incident Energy (MeV)

68-Er-162

MAT 6825

Elastic Legendre Coefficients

68-Er-162



18

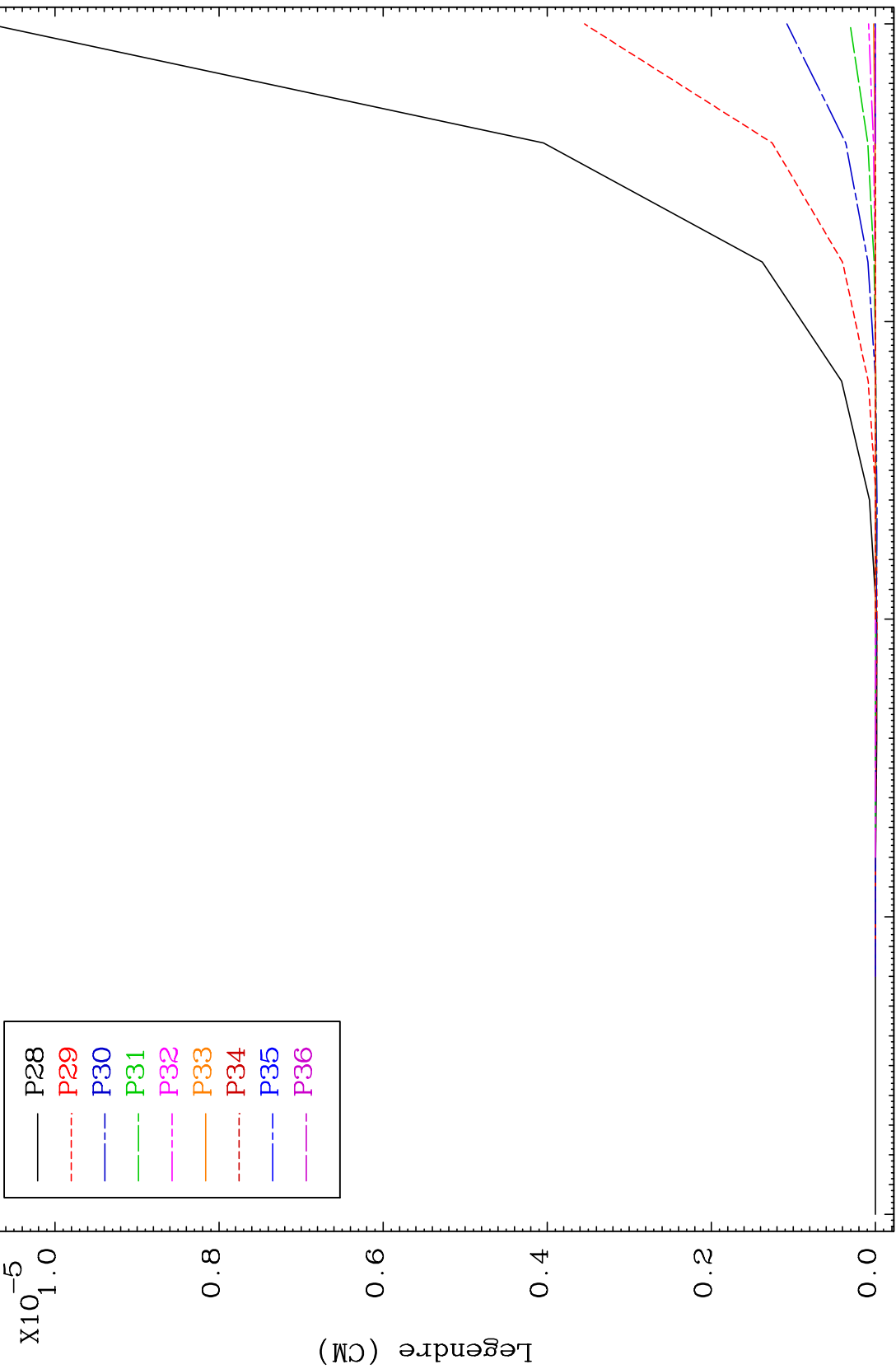
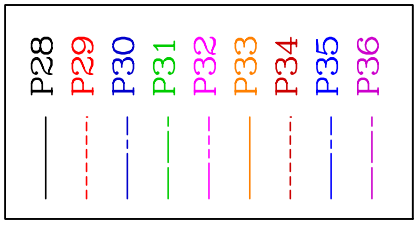
Incident Energy (MeV)

68-Er-162

MAT 6825

Elastic Legendre Coefficients

68-Er-162



19

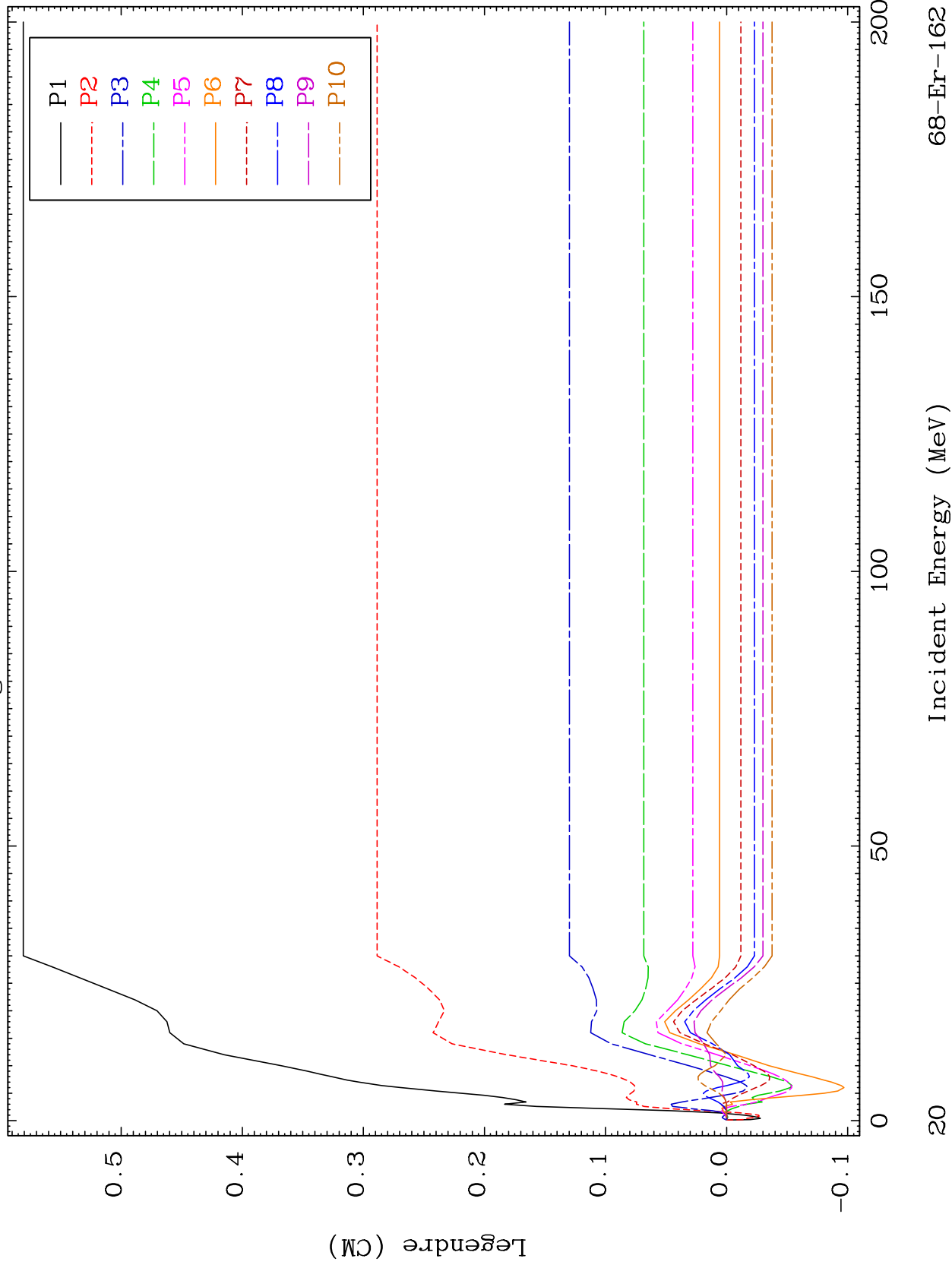
Incident Energy (MeV)

68-Er-162

MAT 6825

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

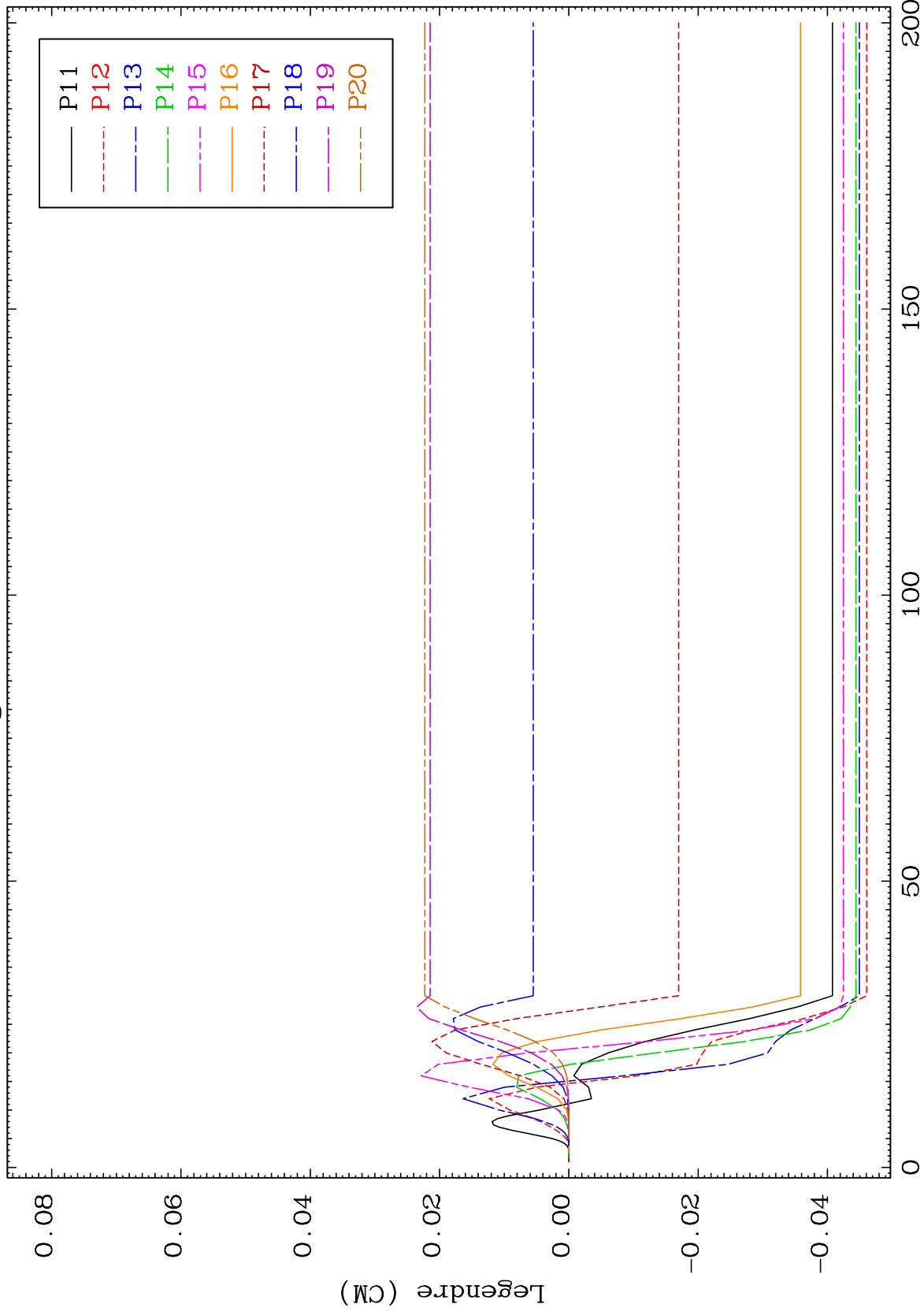
68-Er-162



MAT 6825

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

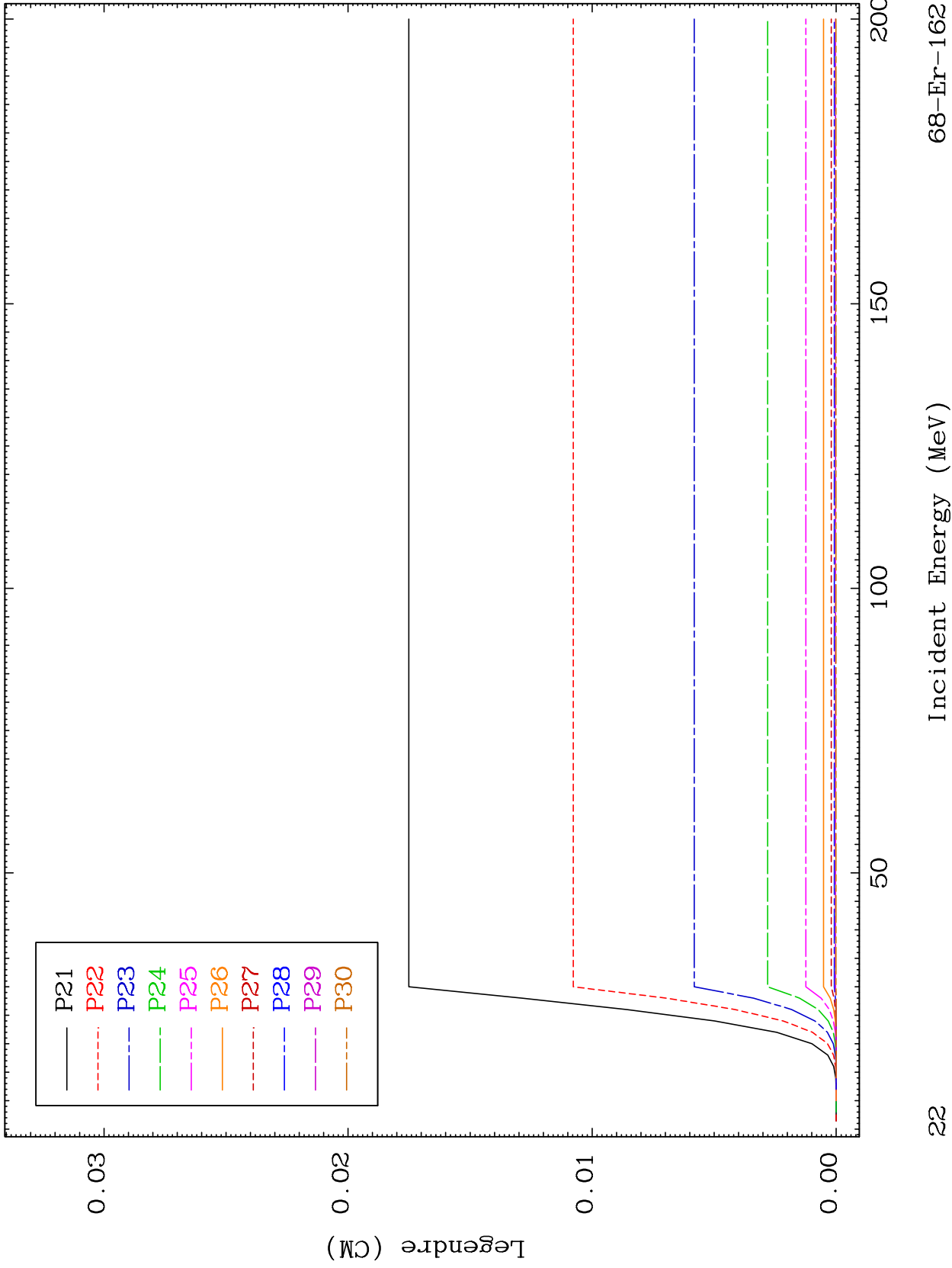
68-Er-162



21

Incident Energy (MeV)

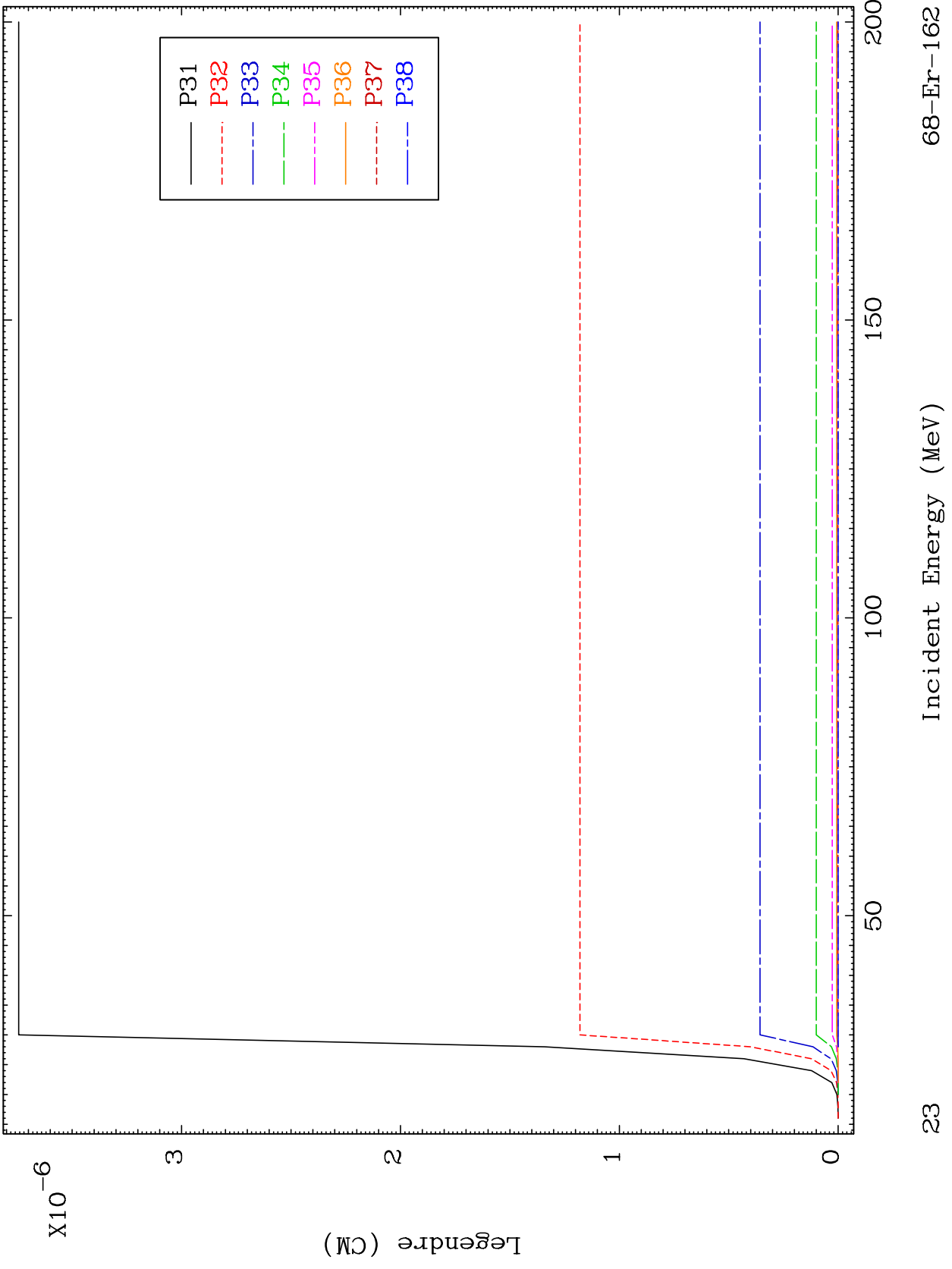
68-Er-162



MAT 6825

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

68-Er-162



23

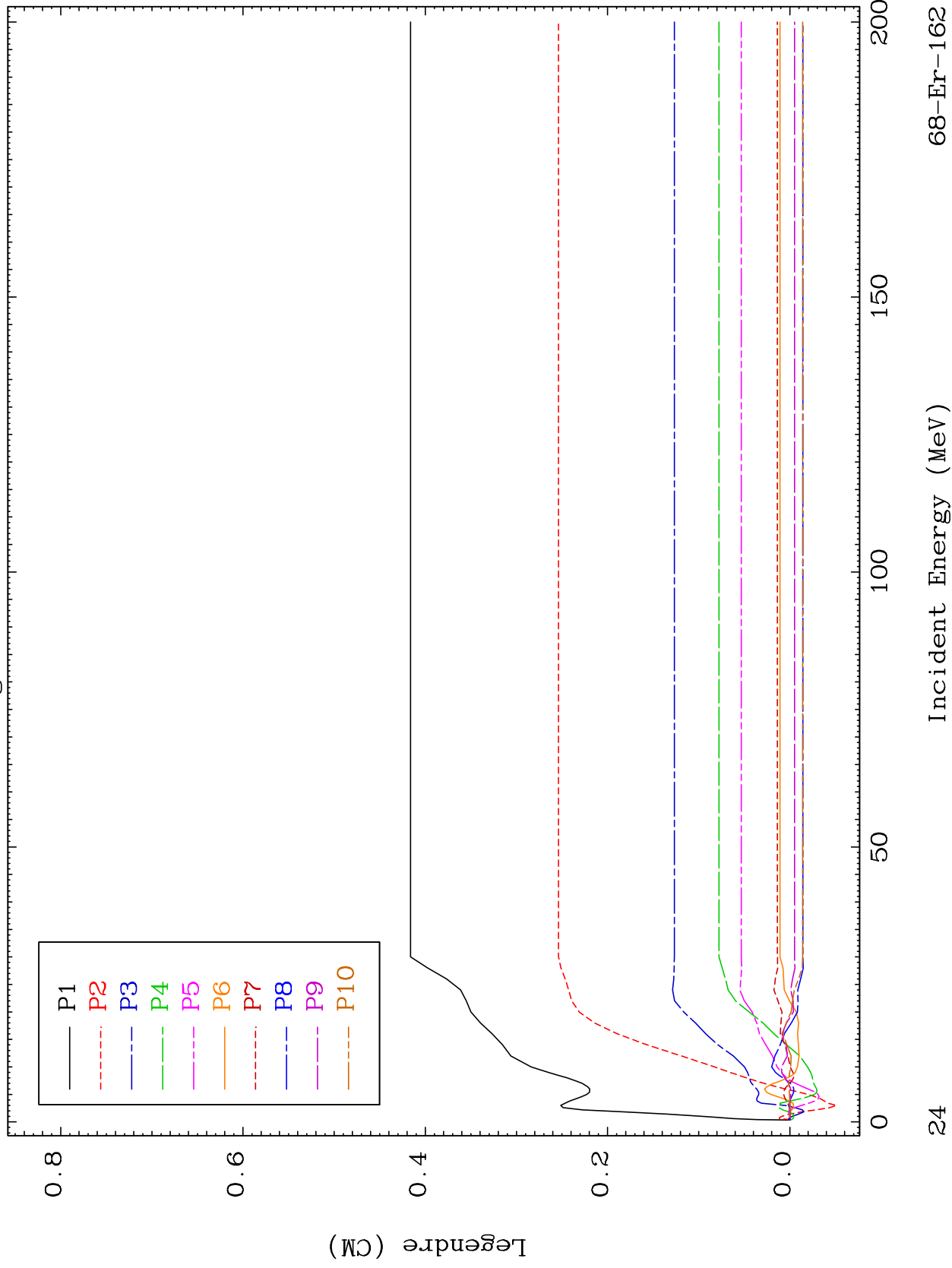
Incident Energy (MeV)

68-Er-162

MAT 6825

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

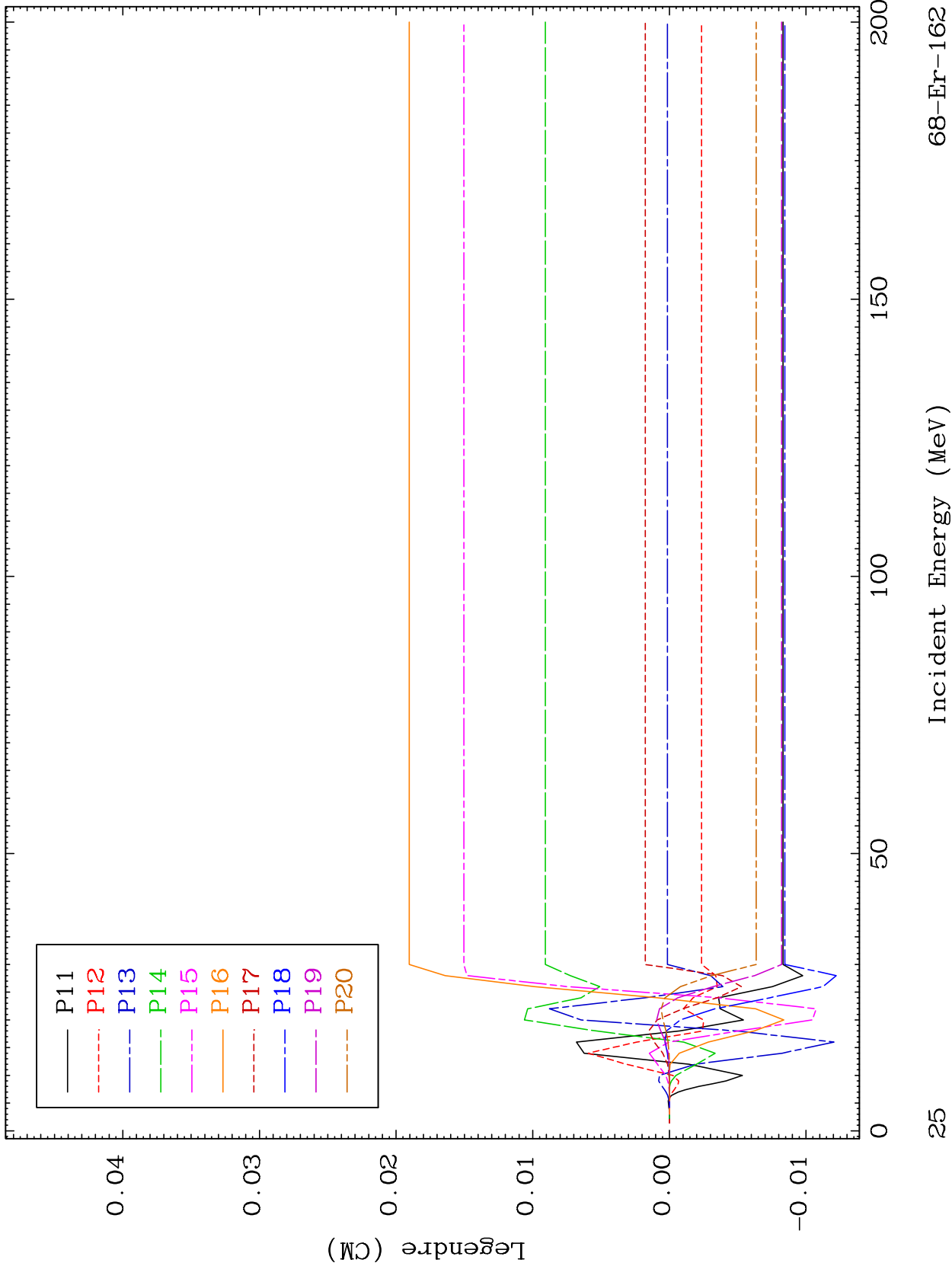
68-Er-162



MAT 6825

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

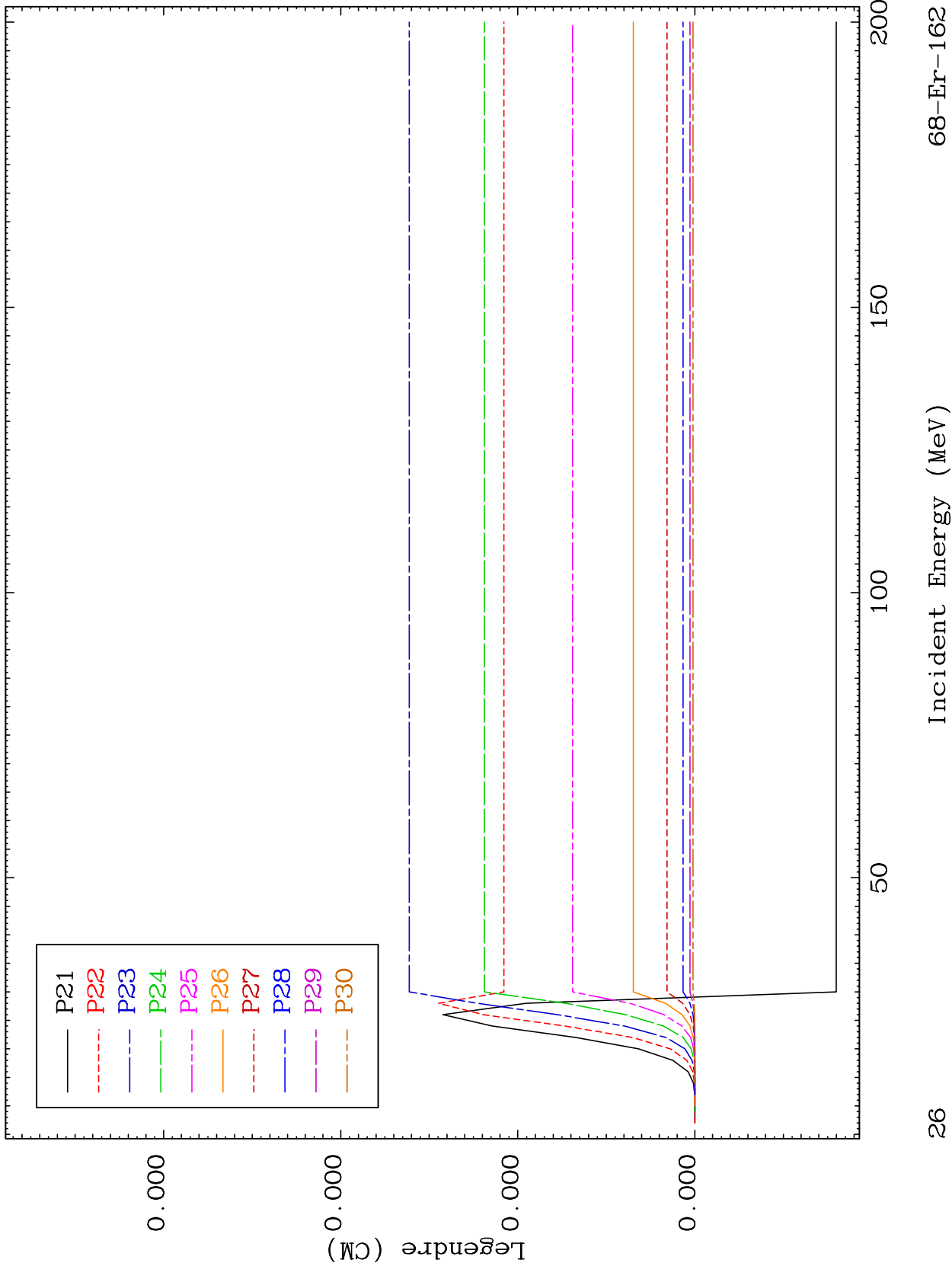
68-Er-162



68-Er-162

Incident Energy (MeV)

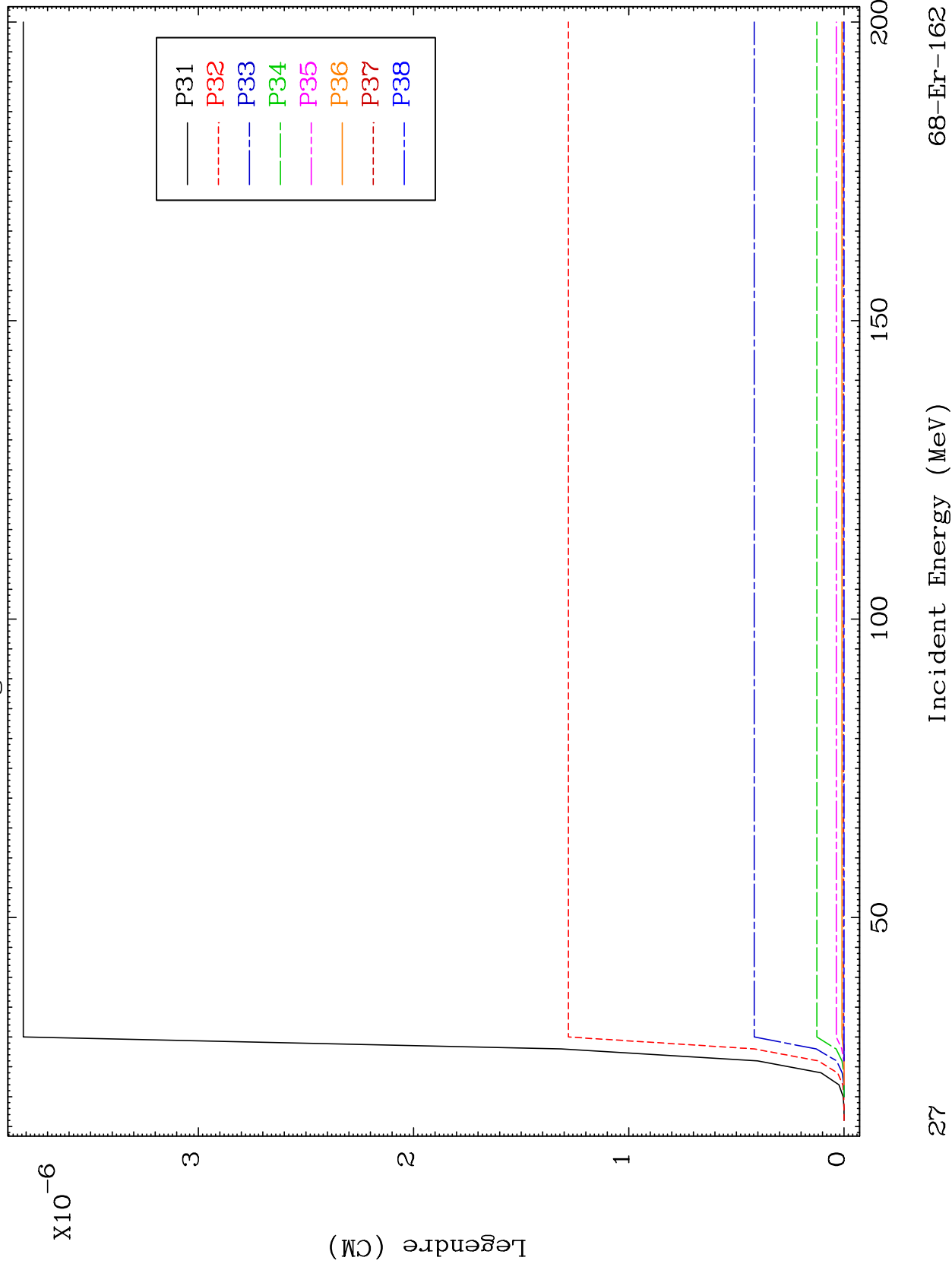
25



MAT 6825

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

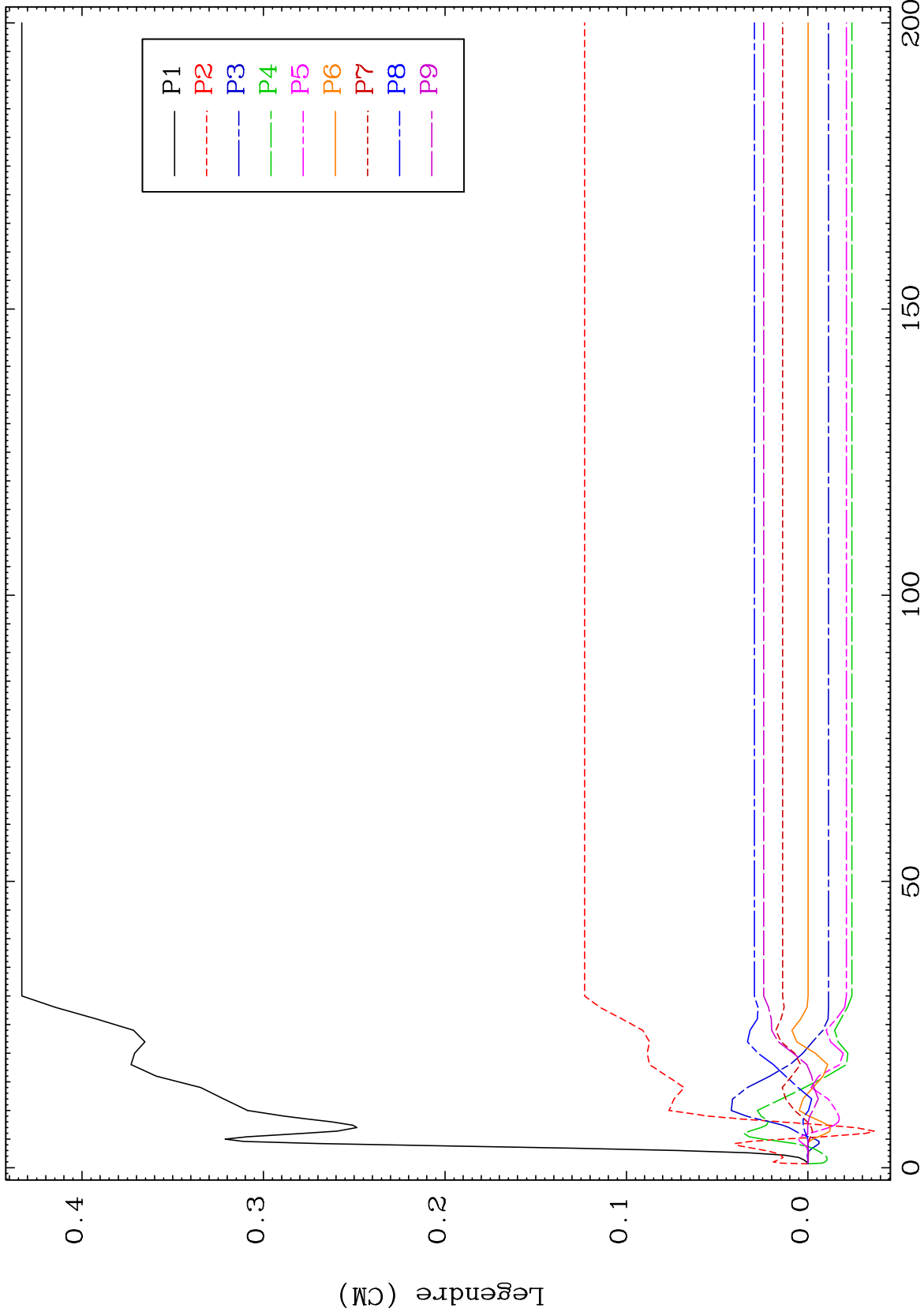
68-Er-162



MAT 6825

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

68-Er-162



28

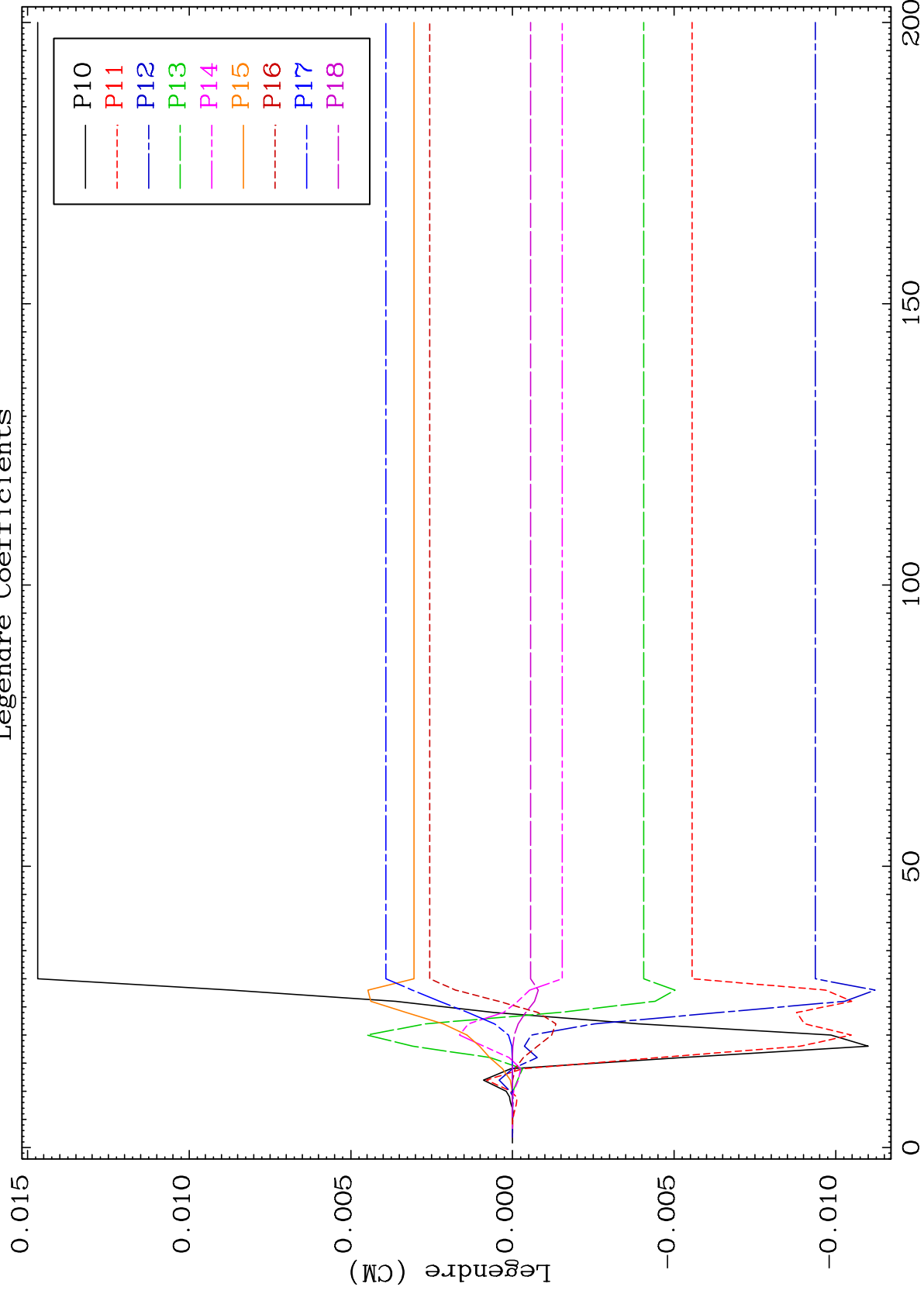
Incident Energy (MeV)

68-Er-162

MAT 6825

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

68-Er-162



29

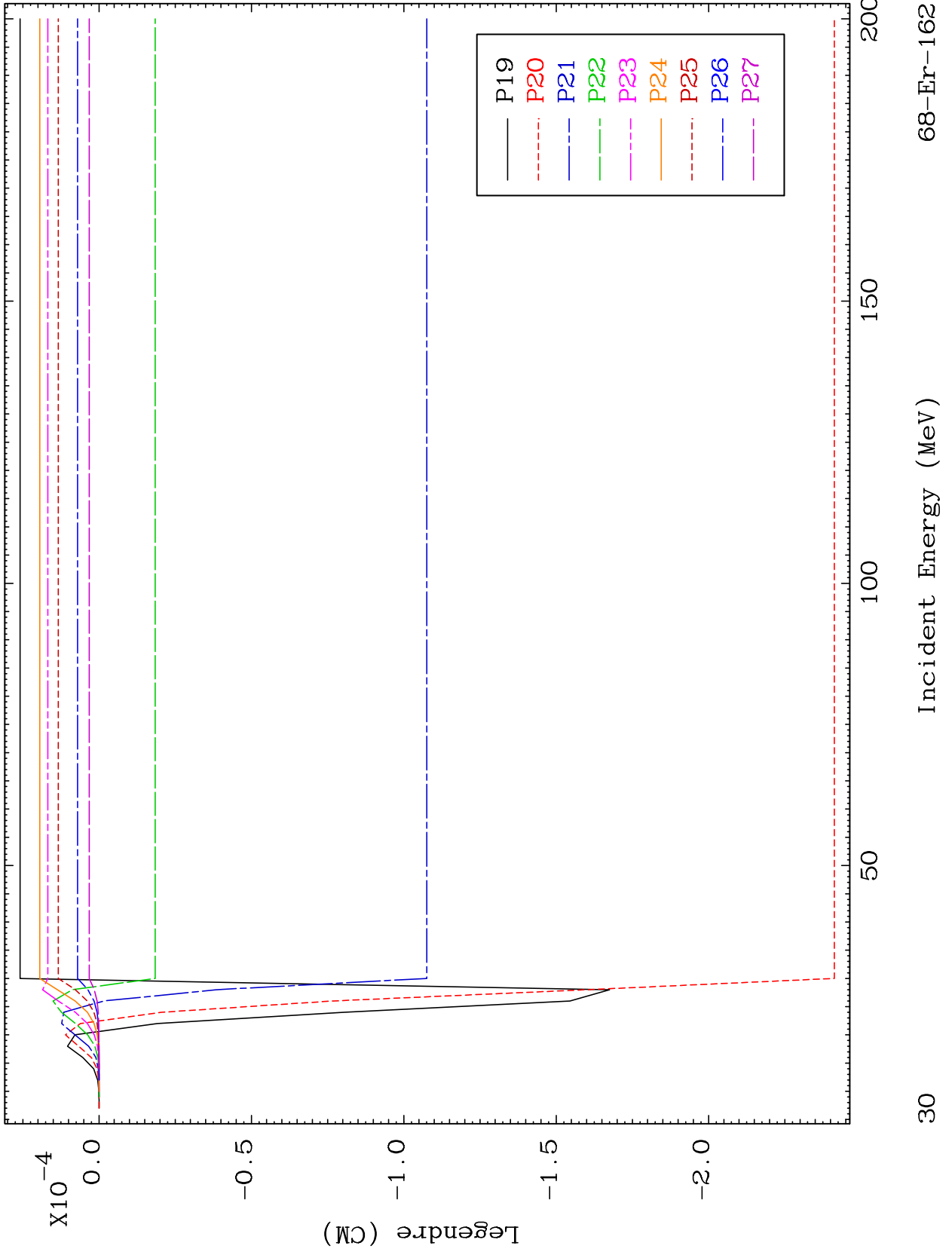
Incident Energy (MeV)

68-Er-162

MAT 6825

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

68-Er-162



30

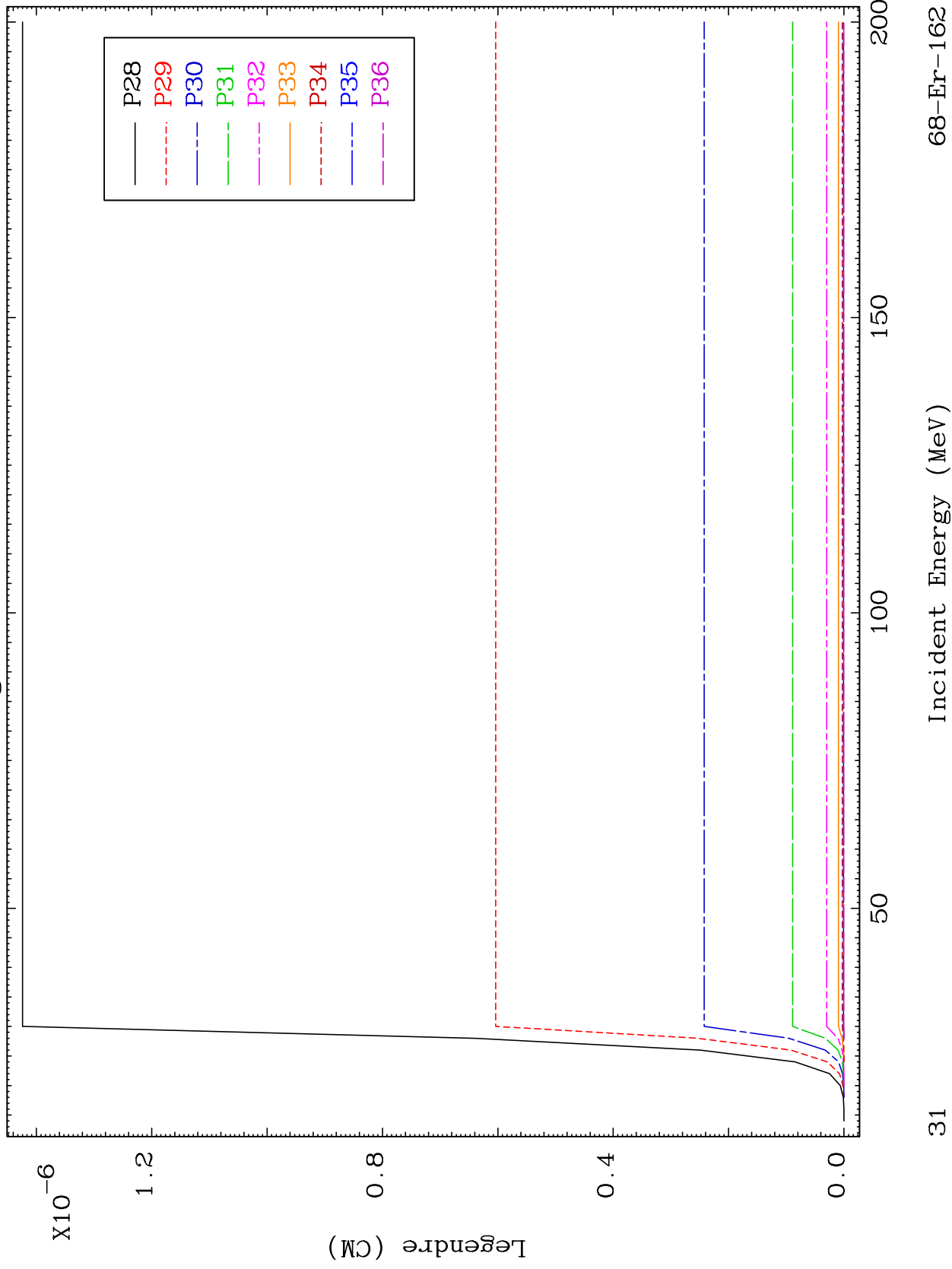
Incident Energy (MeV)

68-Er-162

MAT 6825

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

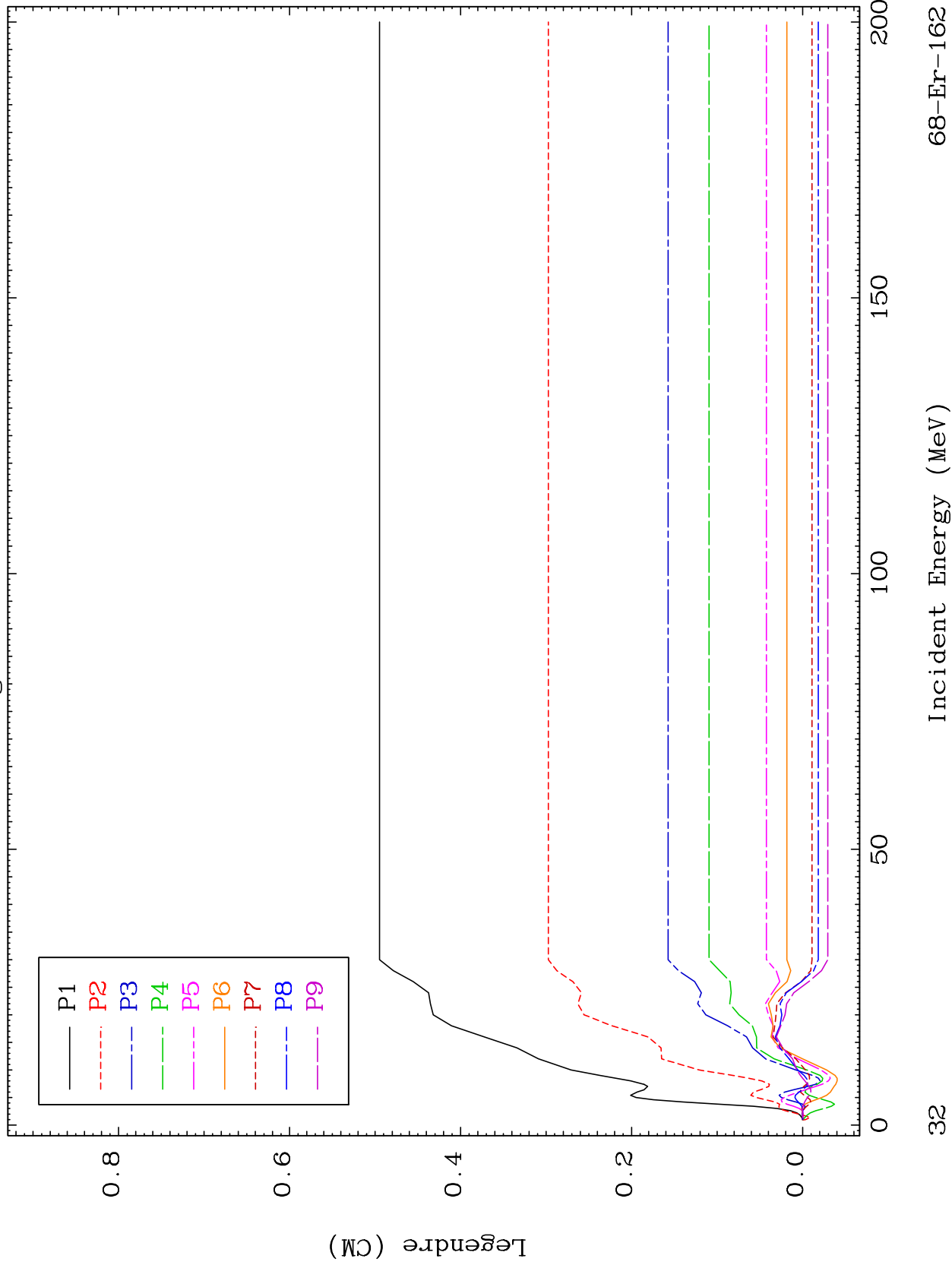
68-Er-162



MAT 6825

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

68-Er-162



68-Er-162

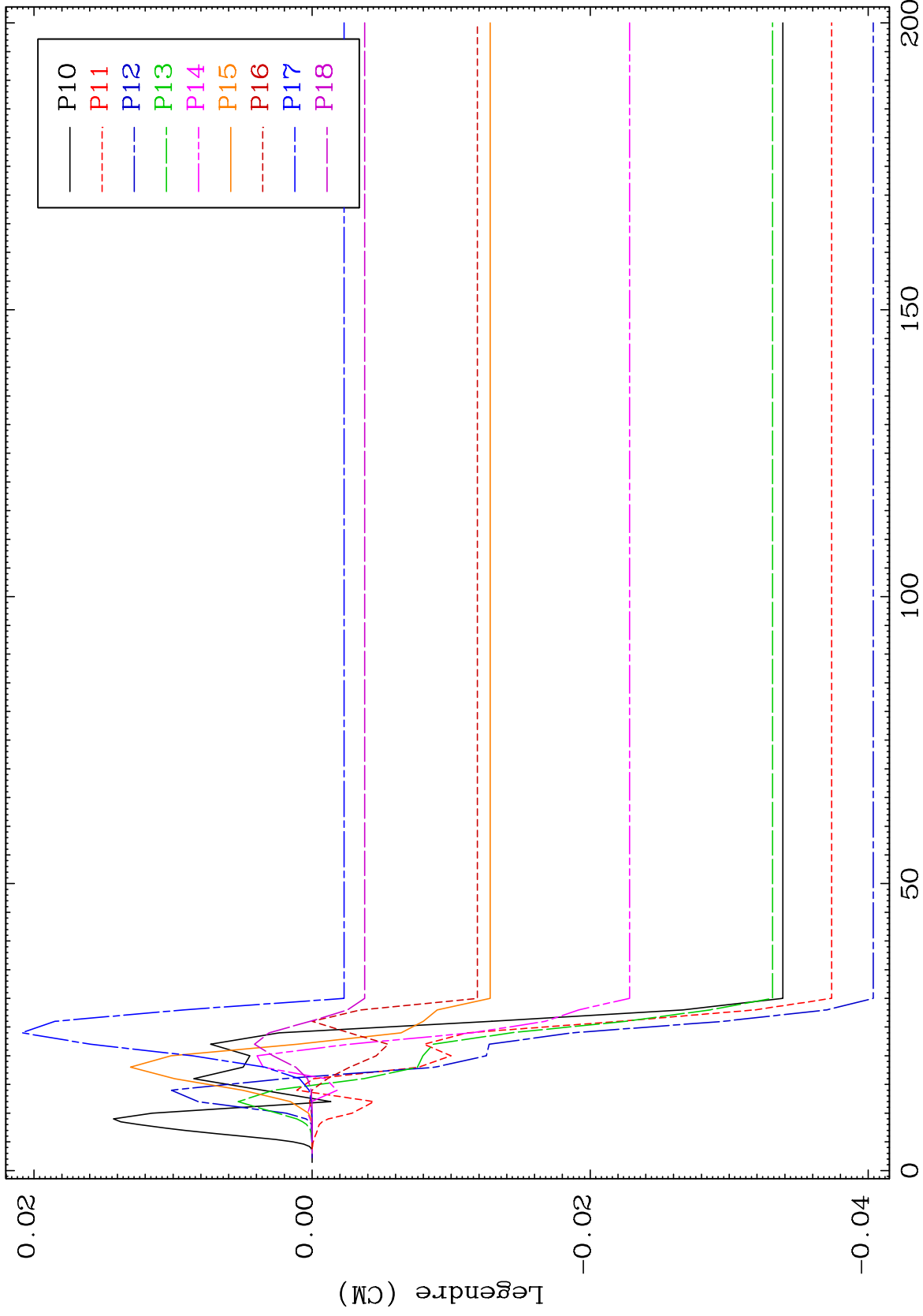
Incident Energy (MeV)

32

MAT 6825

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

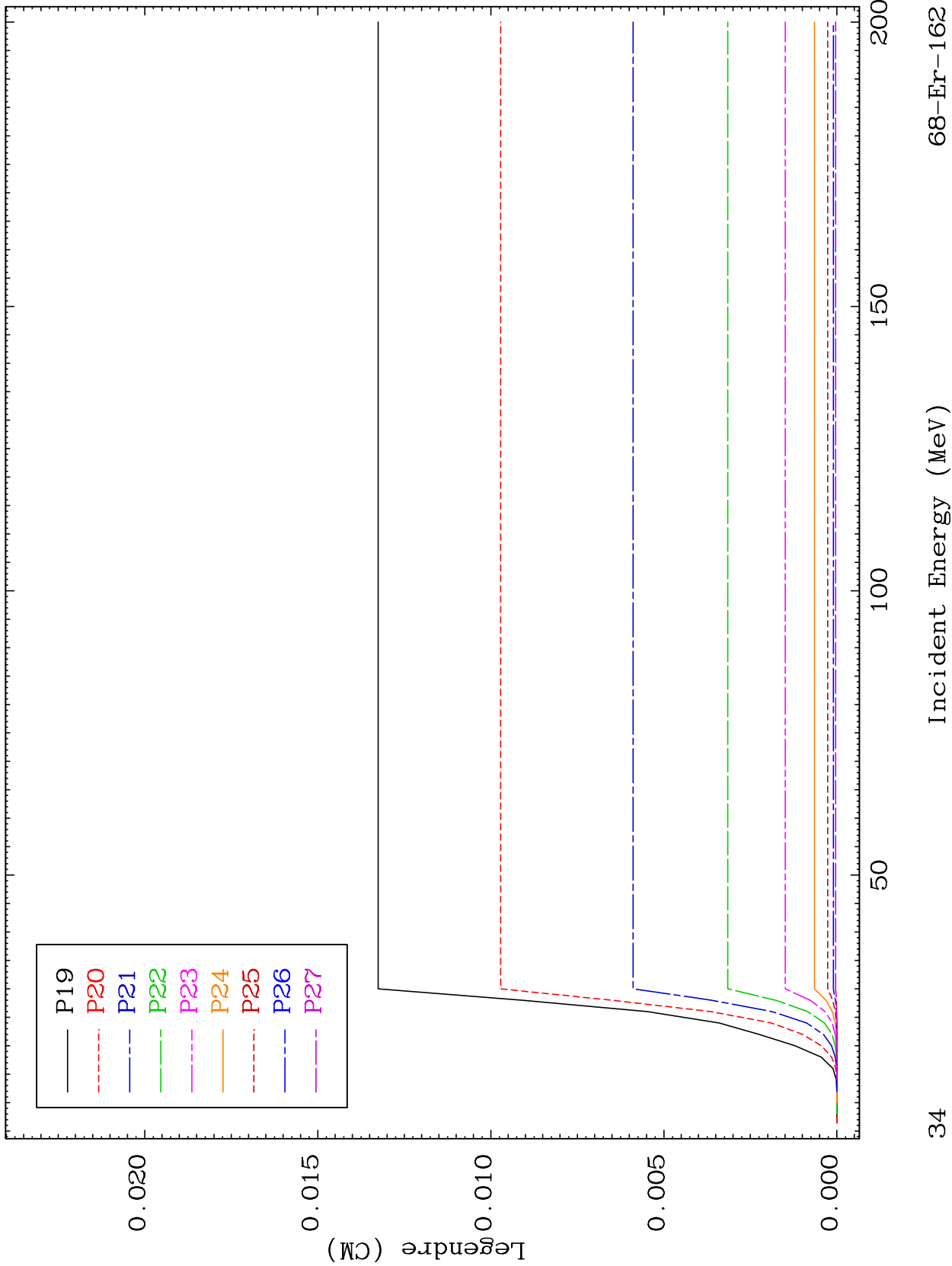
68-Er-162



33

Incident Energy (MeV)

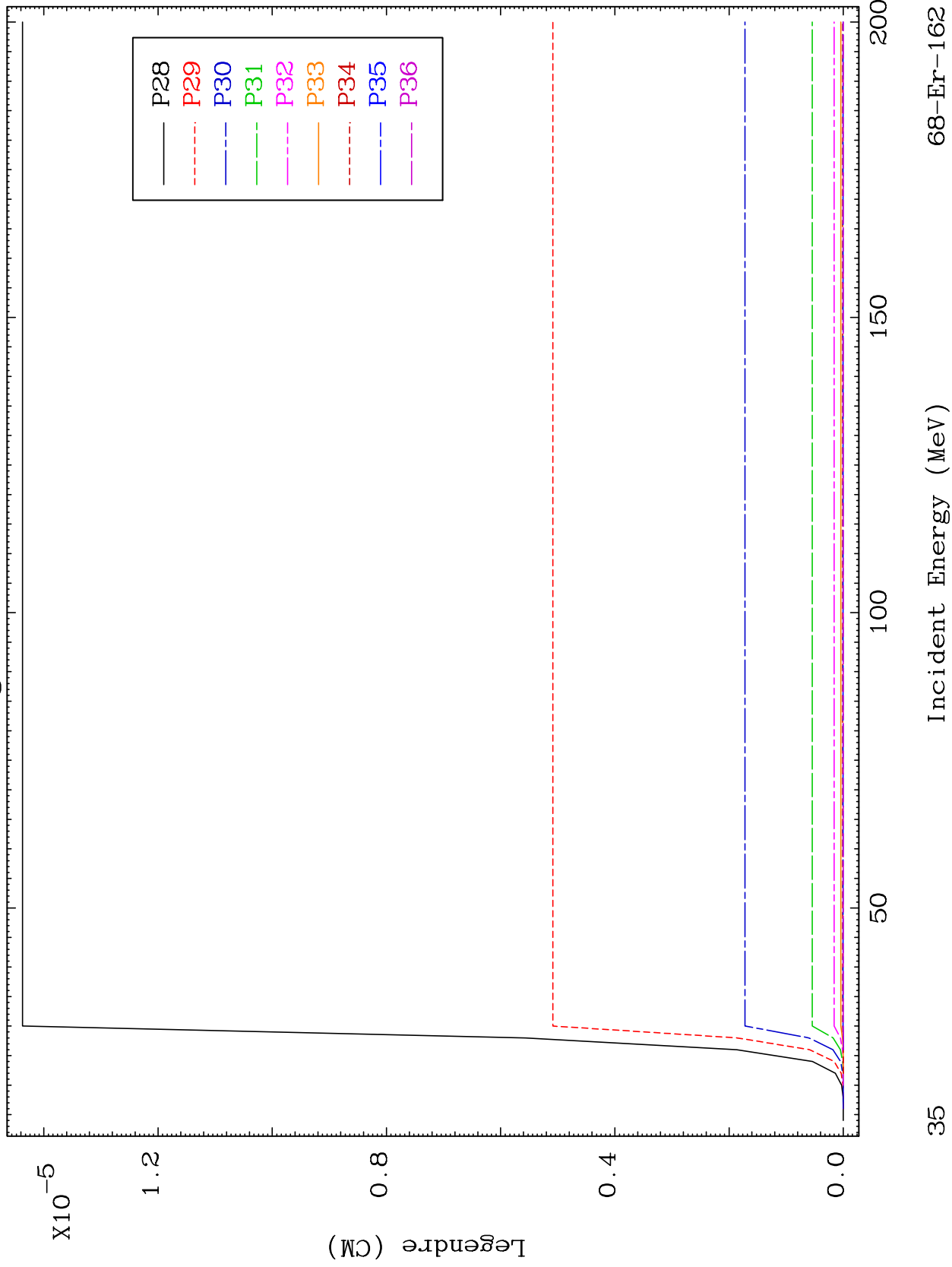
68-Er-162

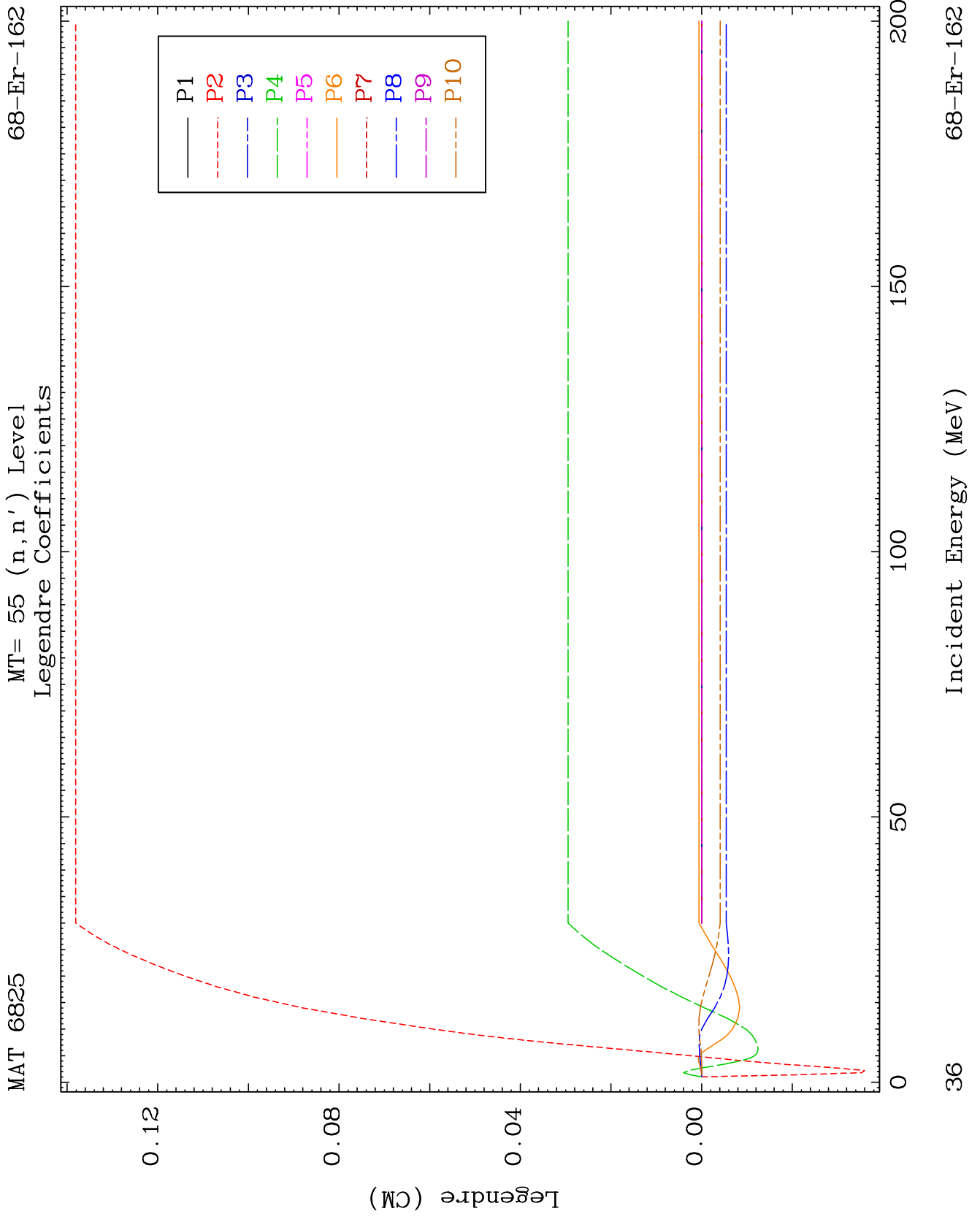


MAT 6825

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

68-Er-162

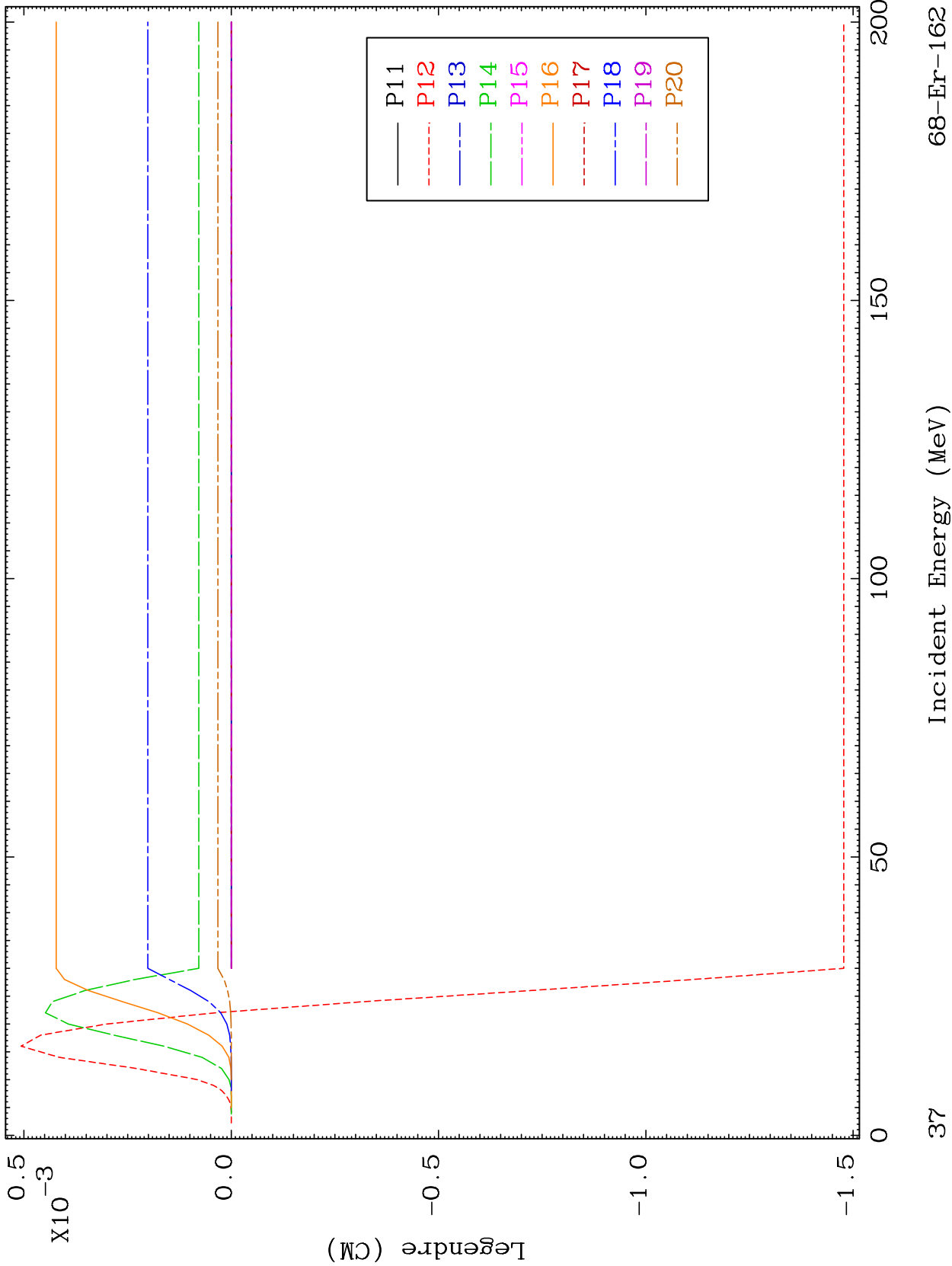




MAT 6825

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

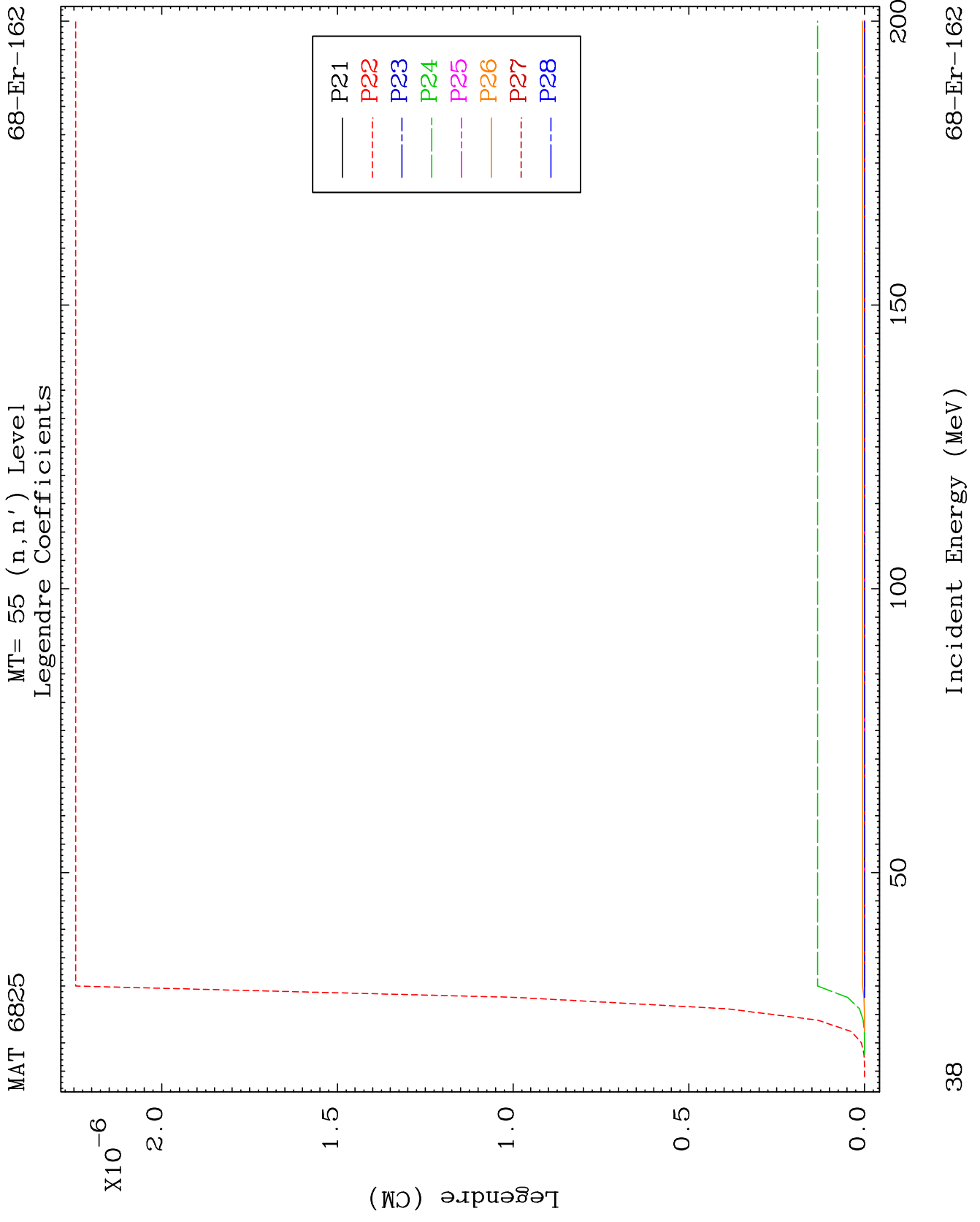
68-Er-162



37

Incident Energy (MeV)

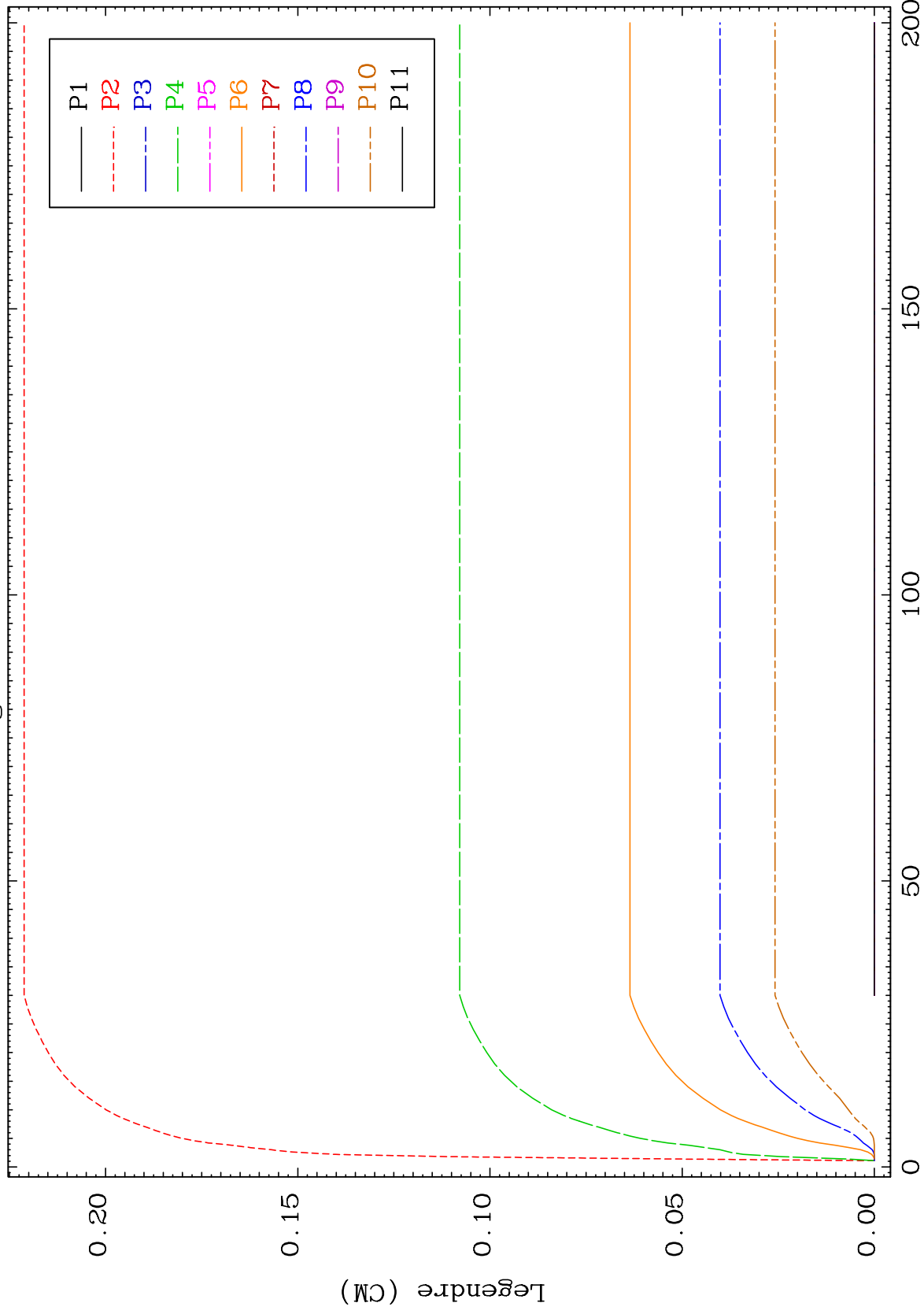
68-Er-162



MAT 6825

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

68-Er-162



39

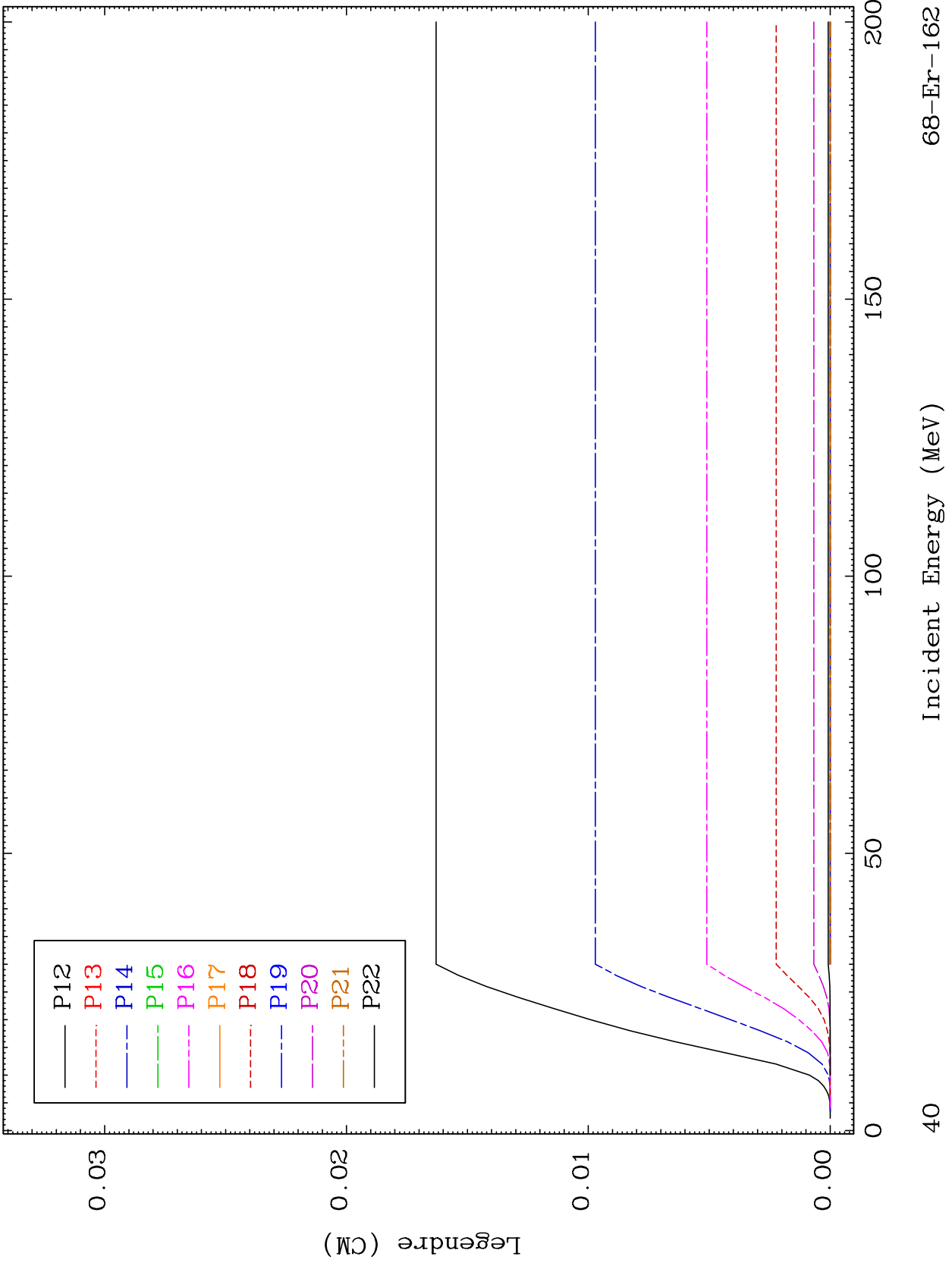
Incident Energy (MeV)

68-Er-162

MAT 6825

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

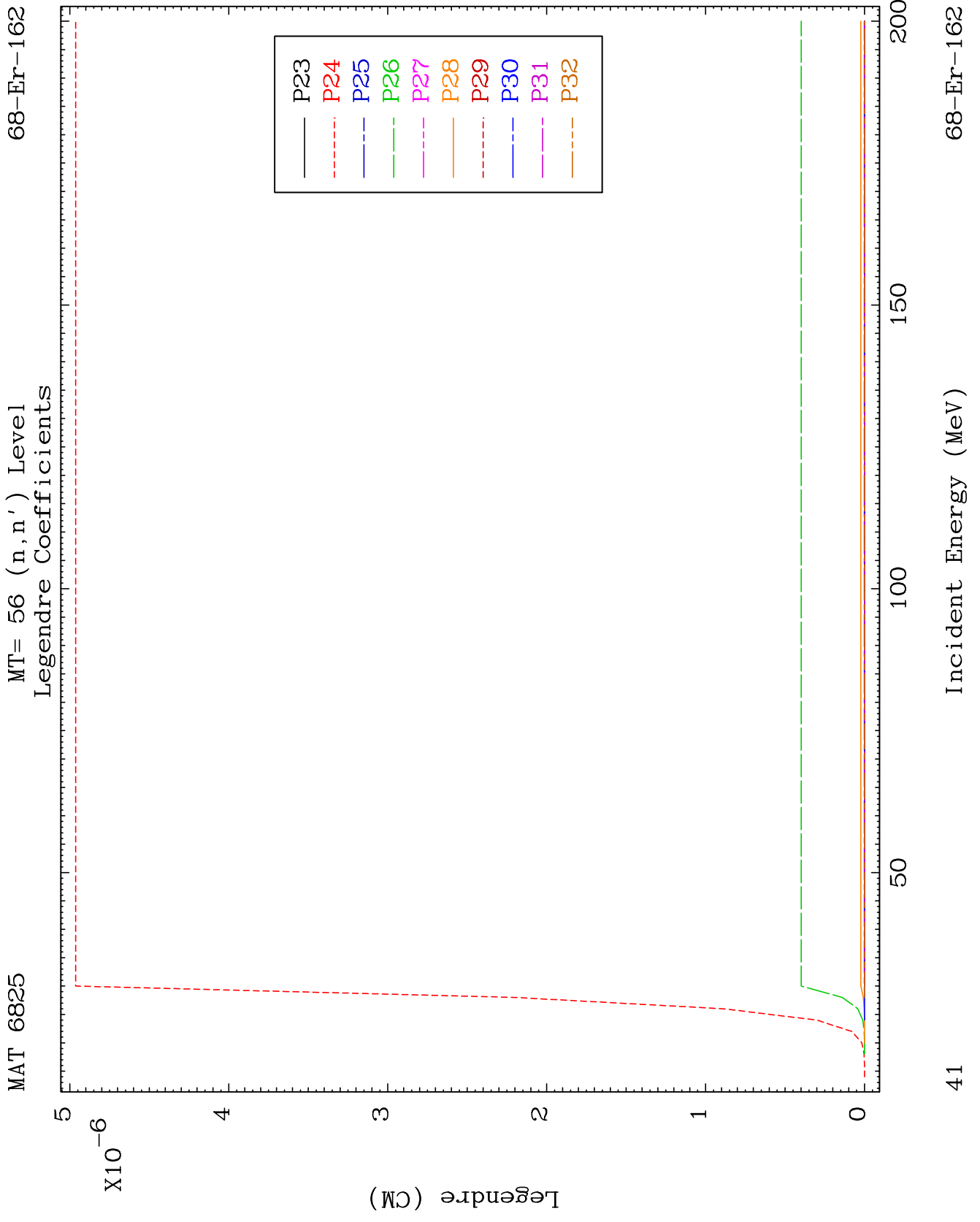
68-Er-162



68-Er-162

Incident Energy (MeV)

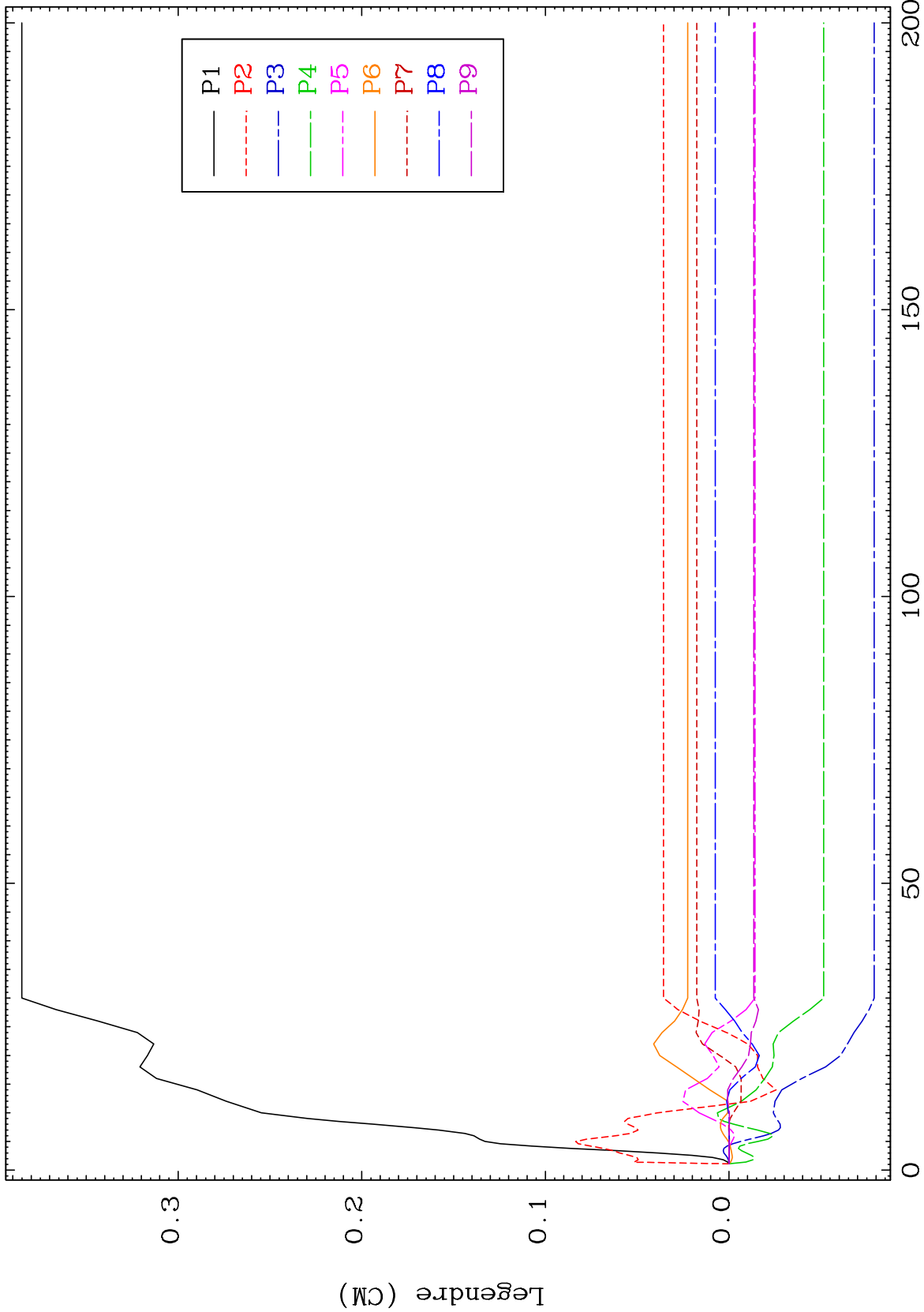
40



MAT 6825

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

68-Er-162



42

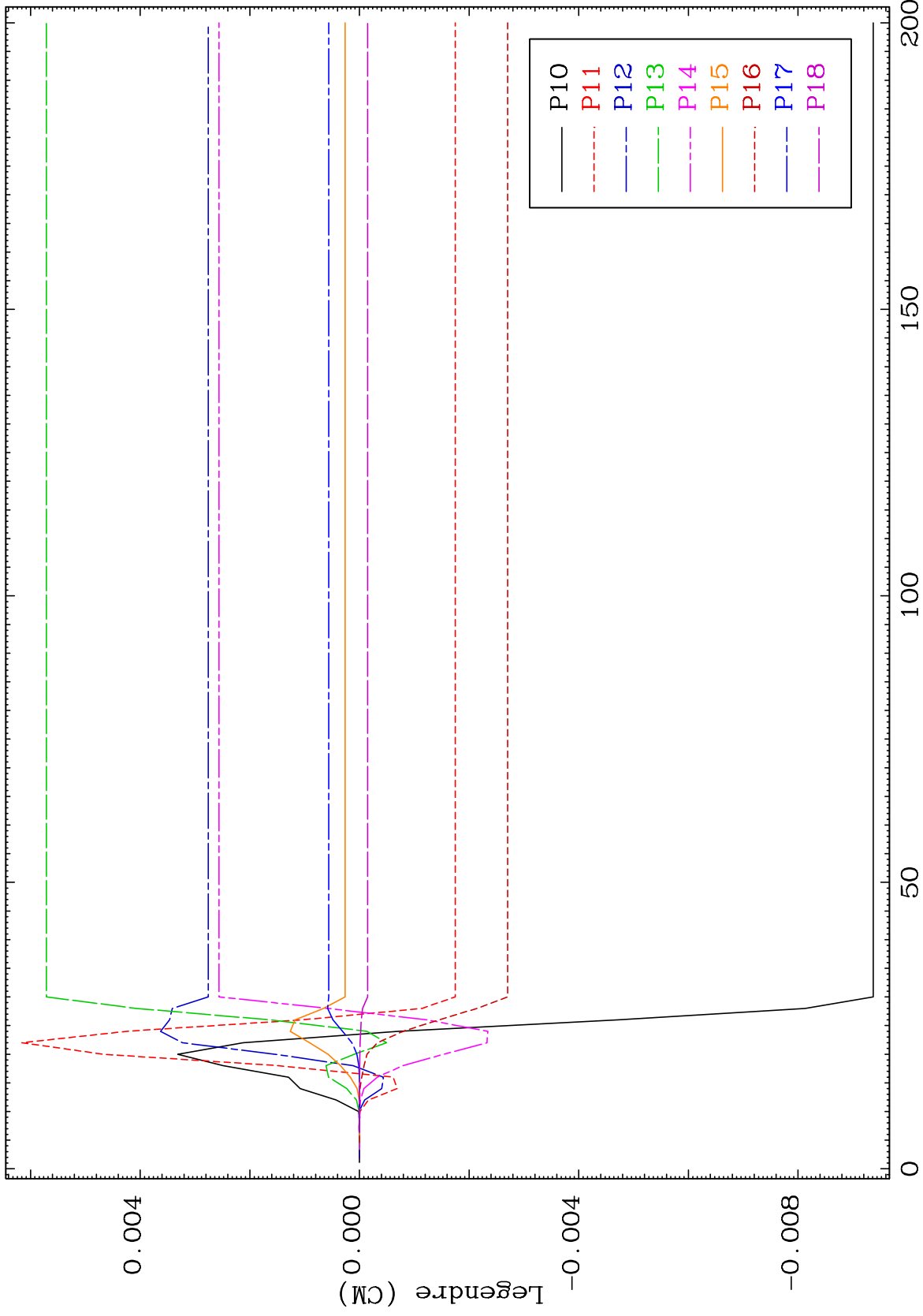
Incident Energy (MeV)

68-Er-162

MAT 6825

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

68-Er-162



43

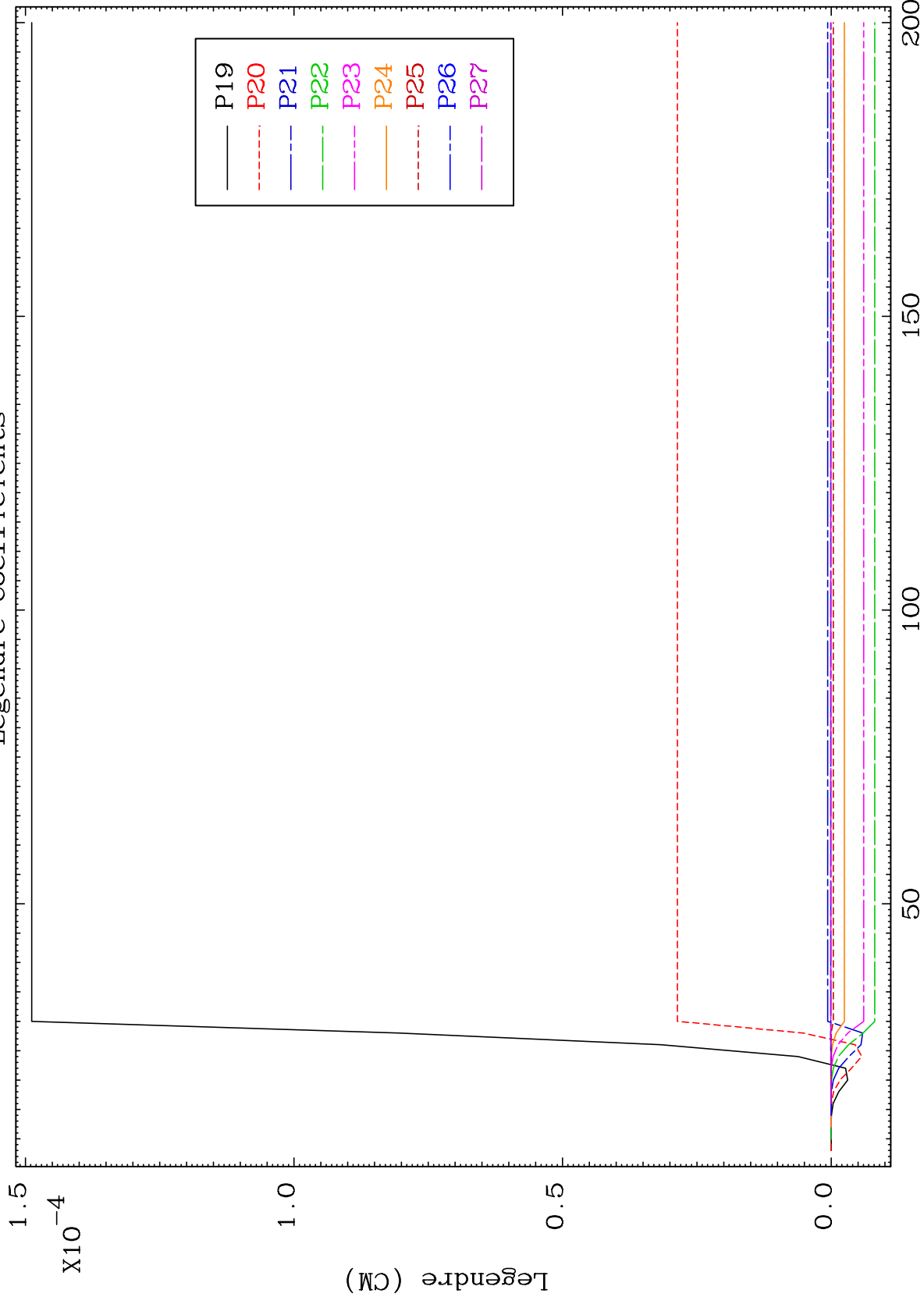
Incident Energy (MeV)

68-Er-162

MAT 6825

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

68-Er-162



44

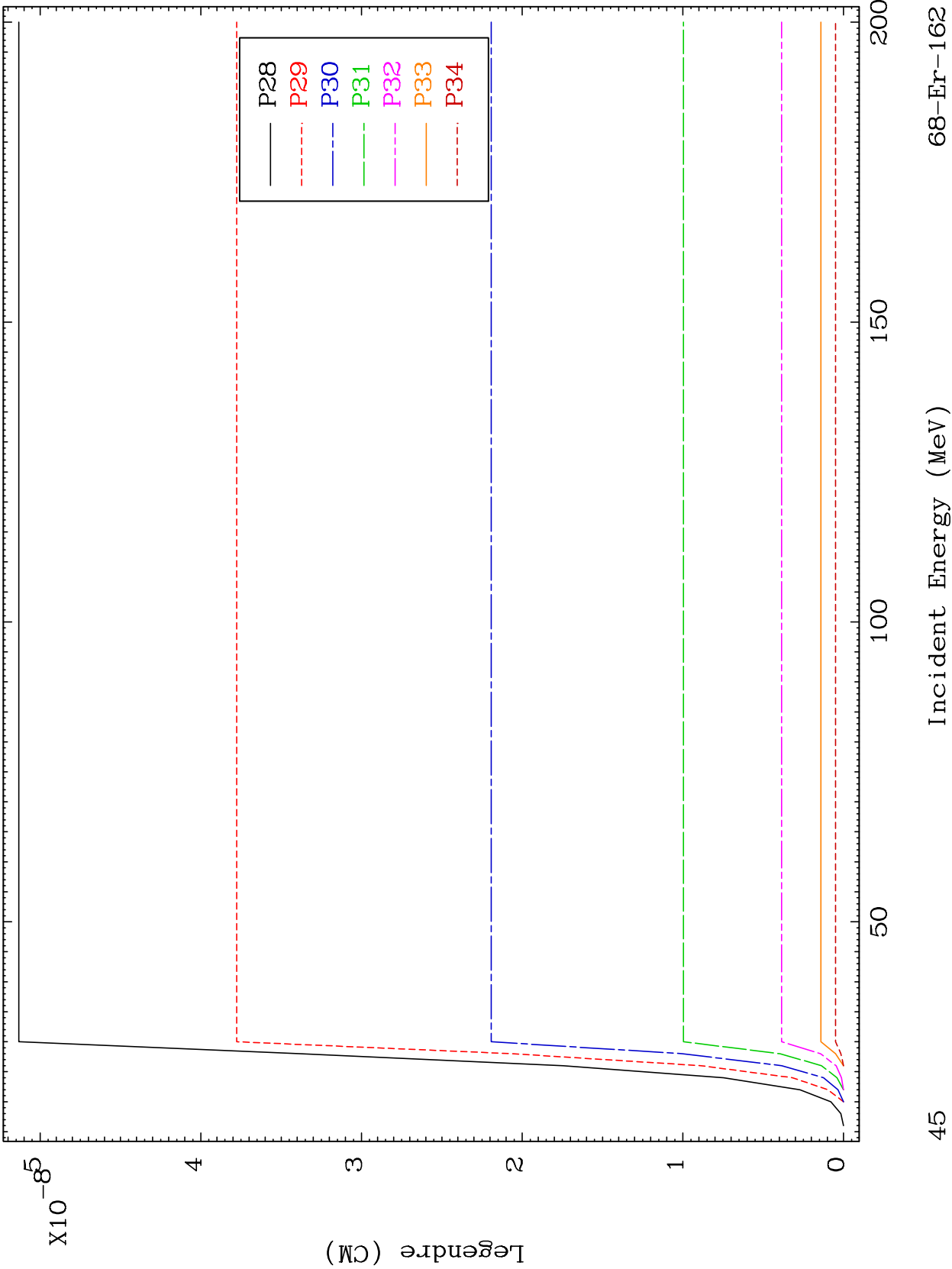
Incident Energy (MeV)

68-Er-162

MAT 6825

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

68-Er-162



45

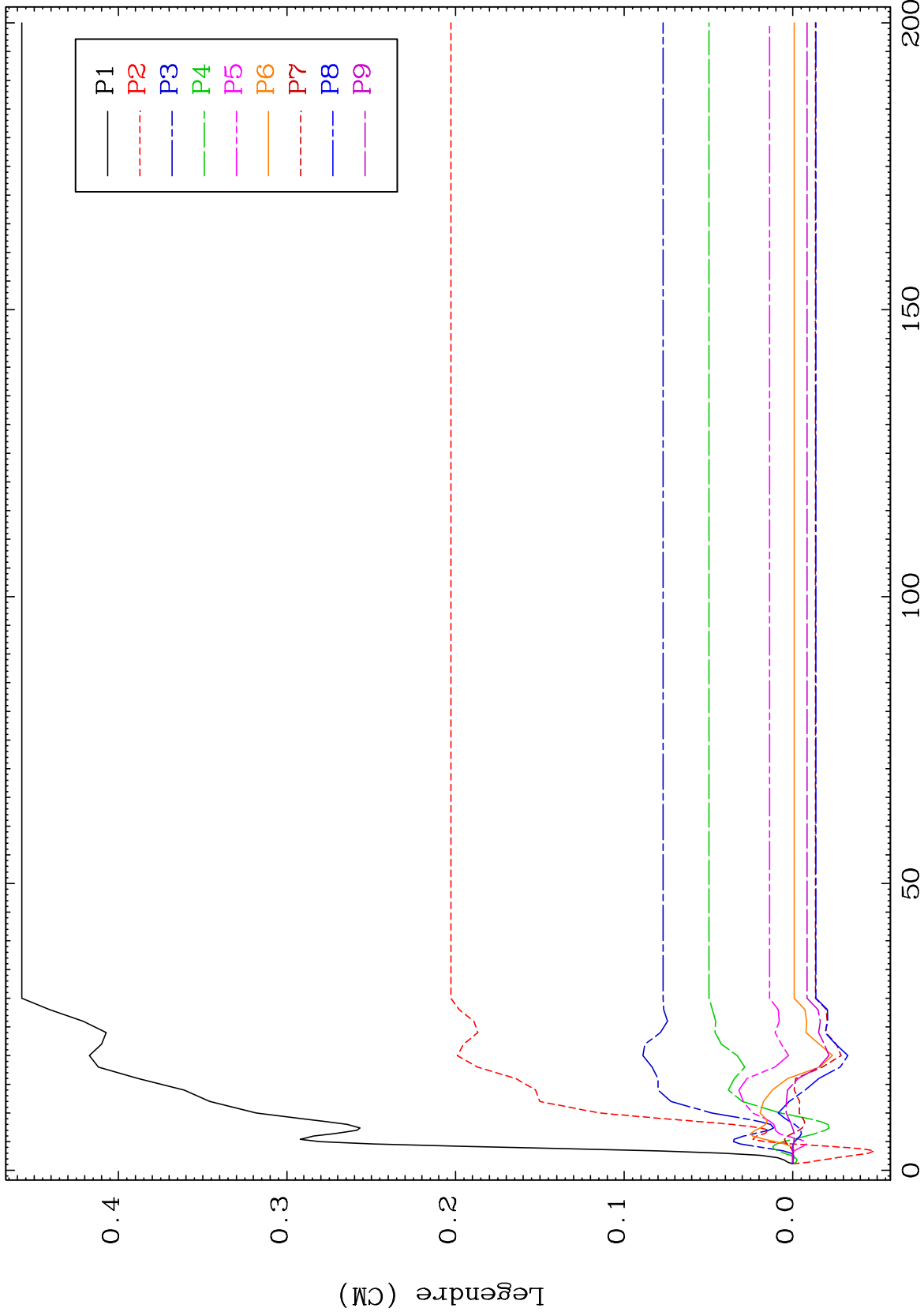
Incident Energy (MeV)

68-Er-162

MAT 6825

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

68-Er-162



46

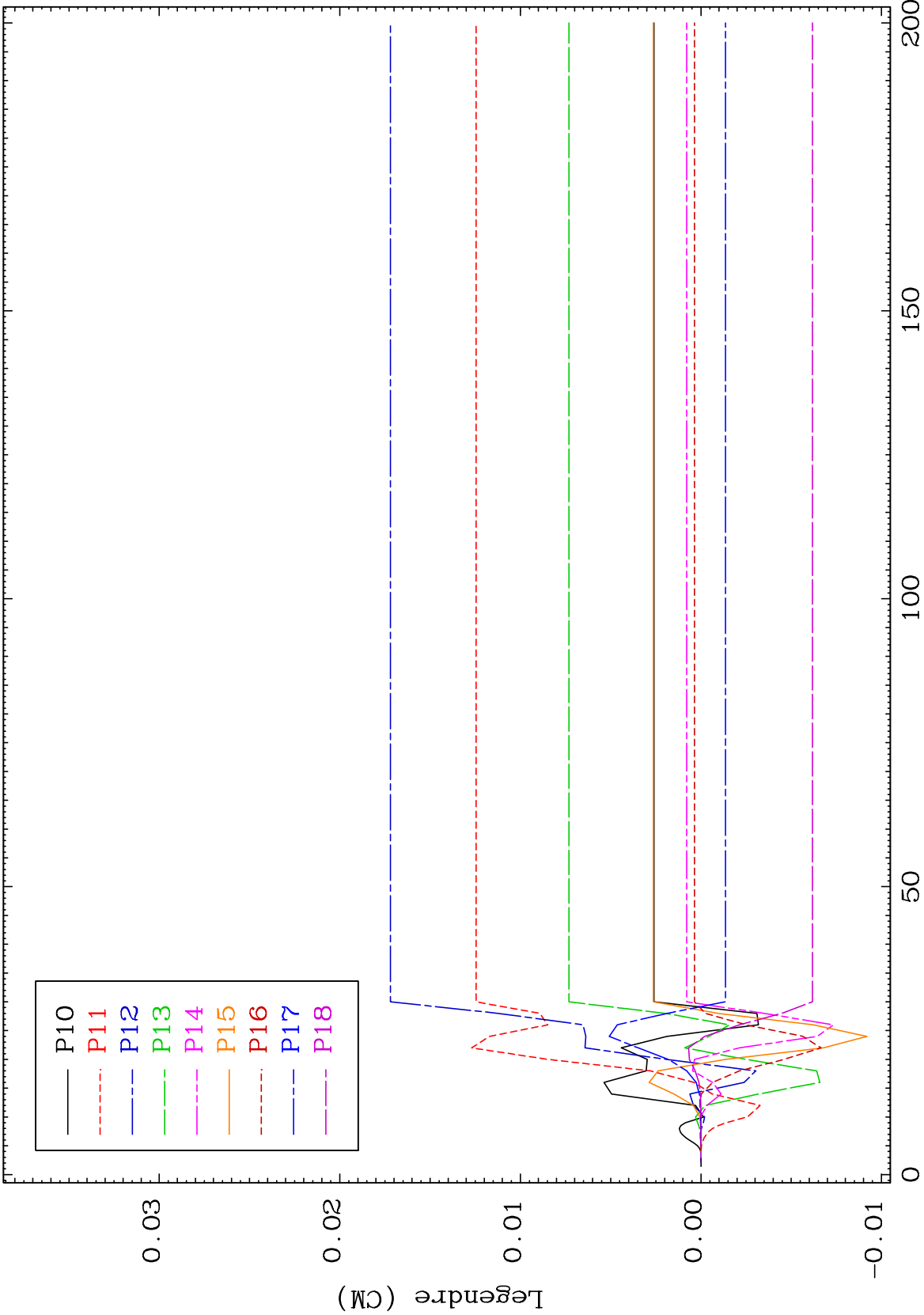
Incident Energy (MeV)

68-Er-162

MAT 6825

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

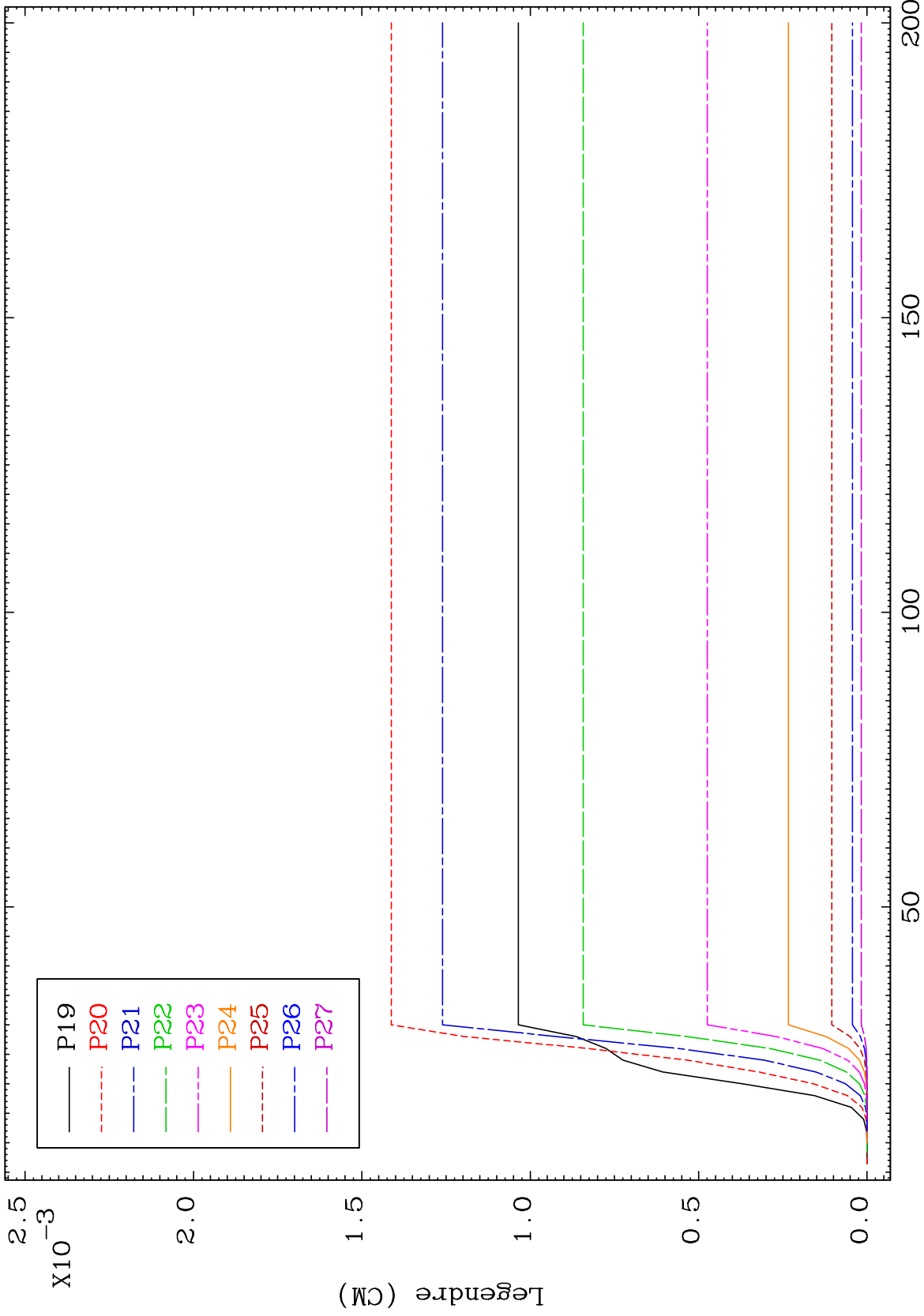
68-Er-162



47

Incident Energy (MeV)

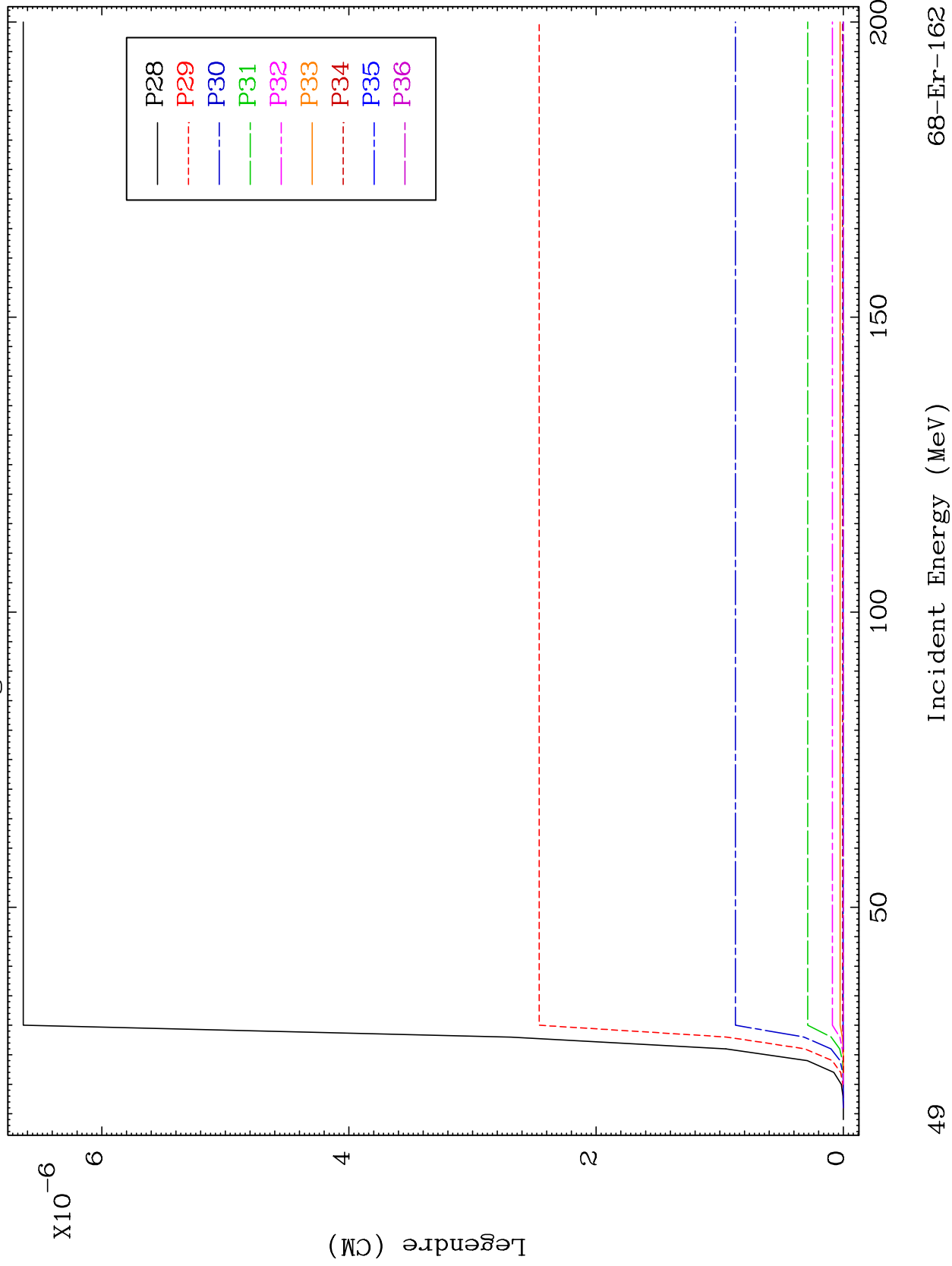
68-Er-162



MAT 6825

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

68-Er-162



49

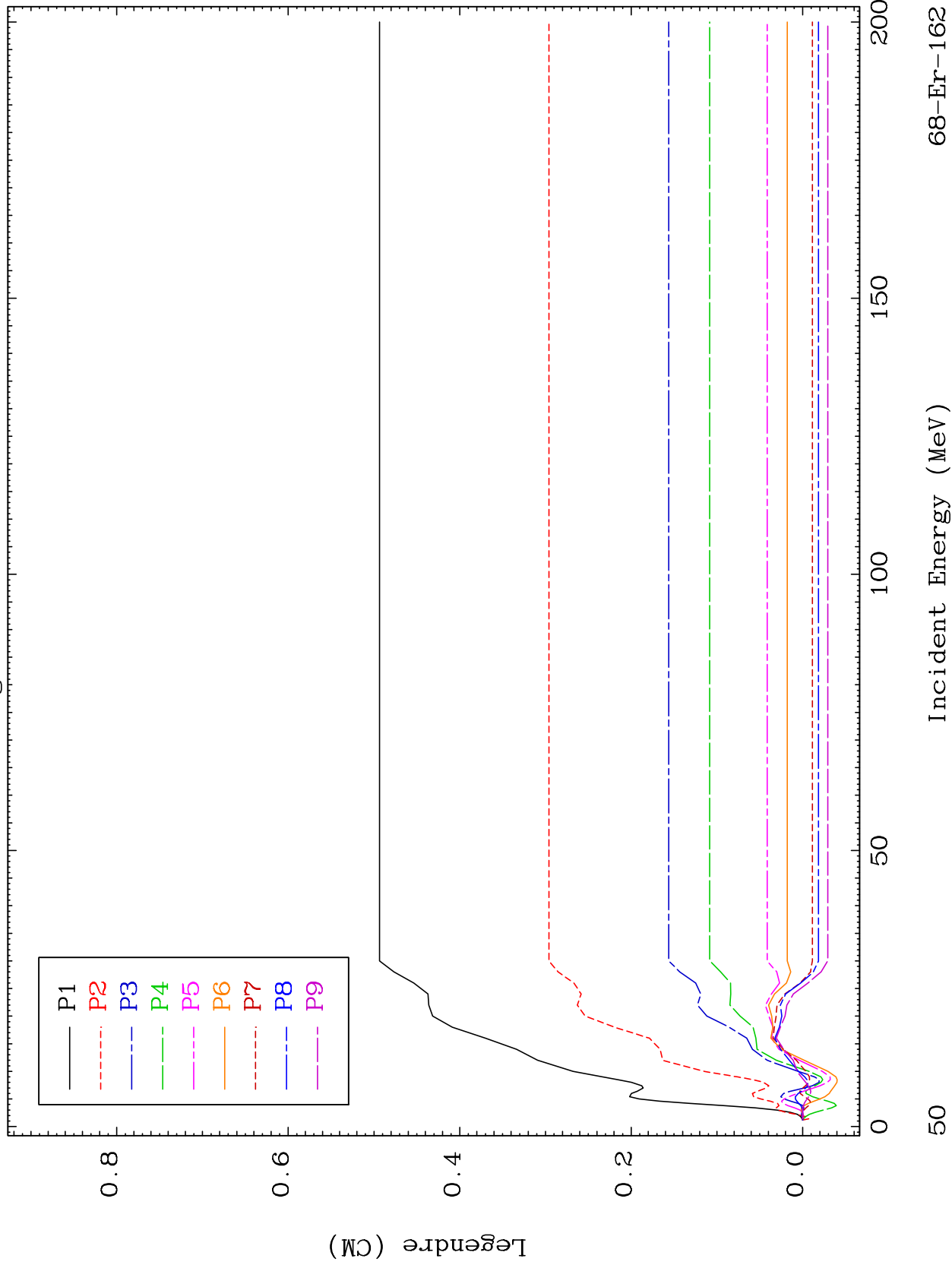
Incident Energy (MeV)

68-Er-162

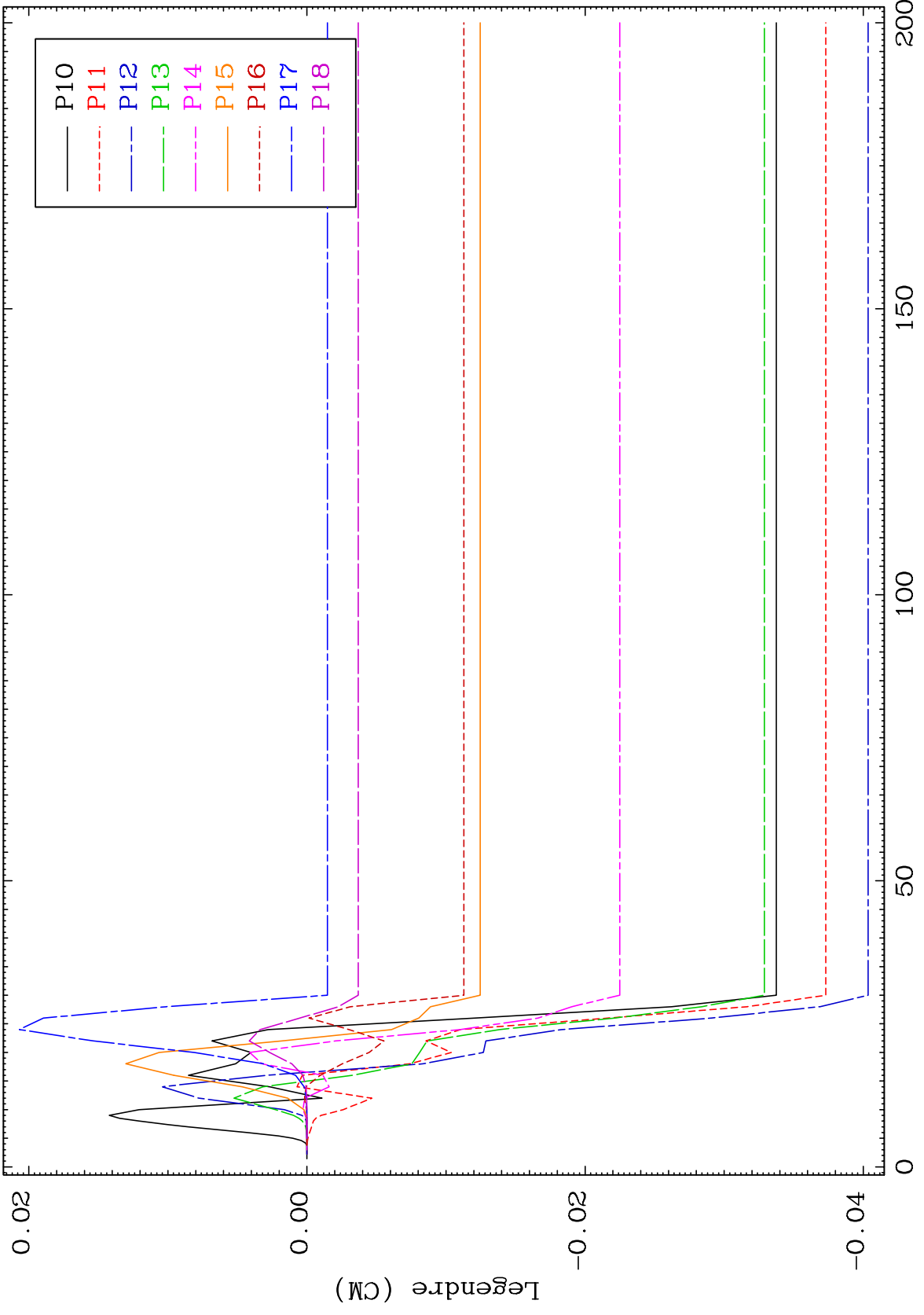
MAT 6825

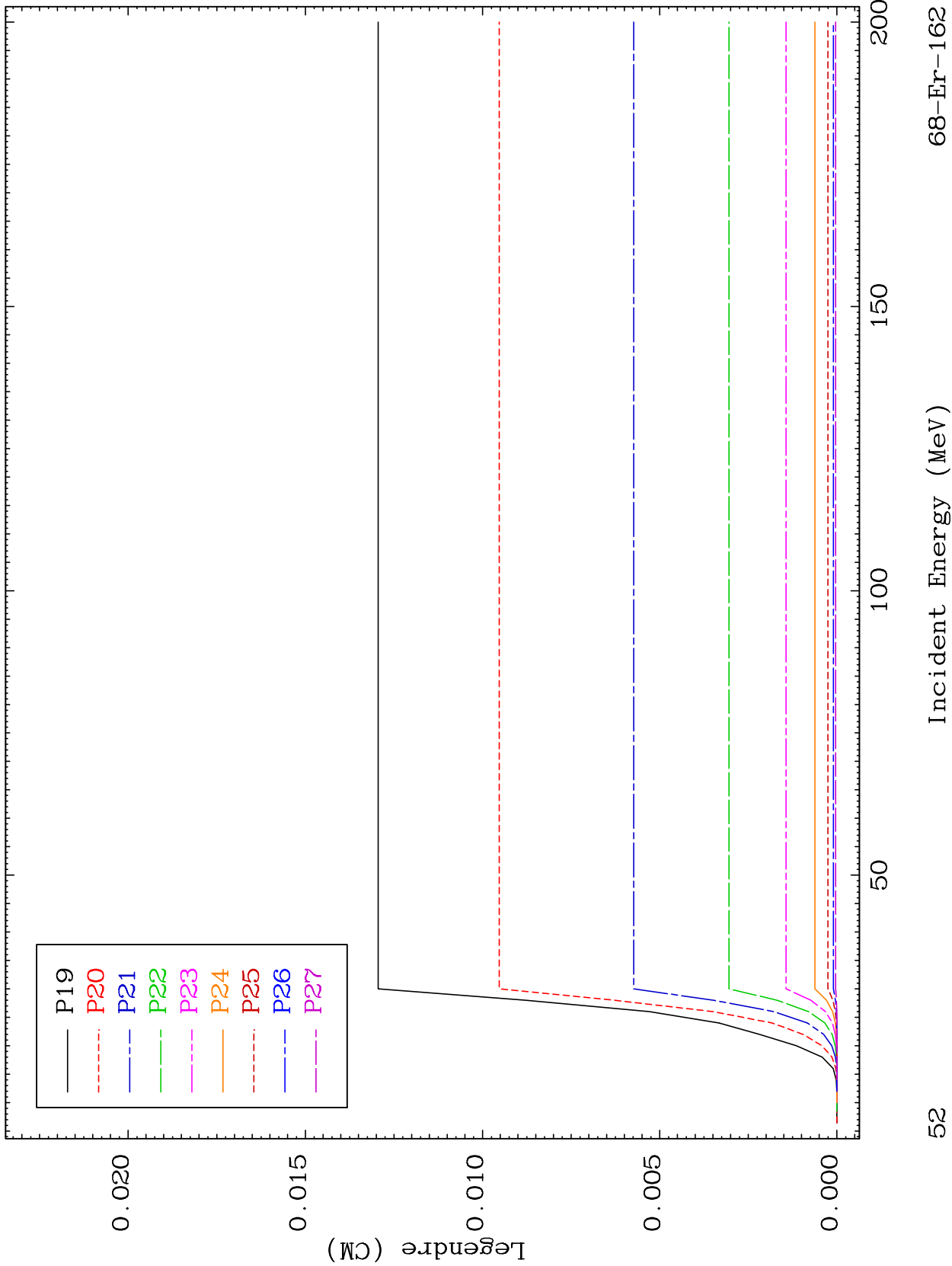
MT= 59 (n,n') Level
Legendre Coefficients

68-Er-162



MAT 6825 MT= 59 (n,n') Level Legendre Coefficients 68-Er-162

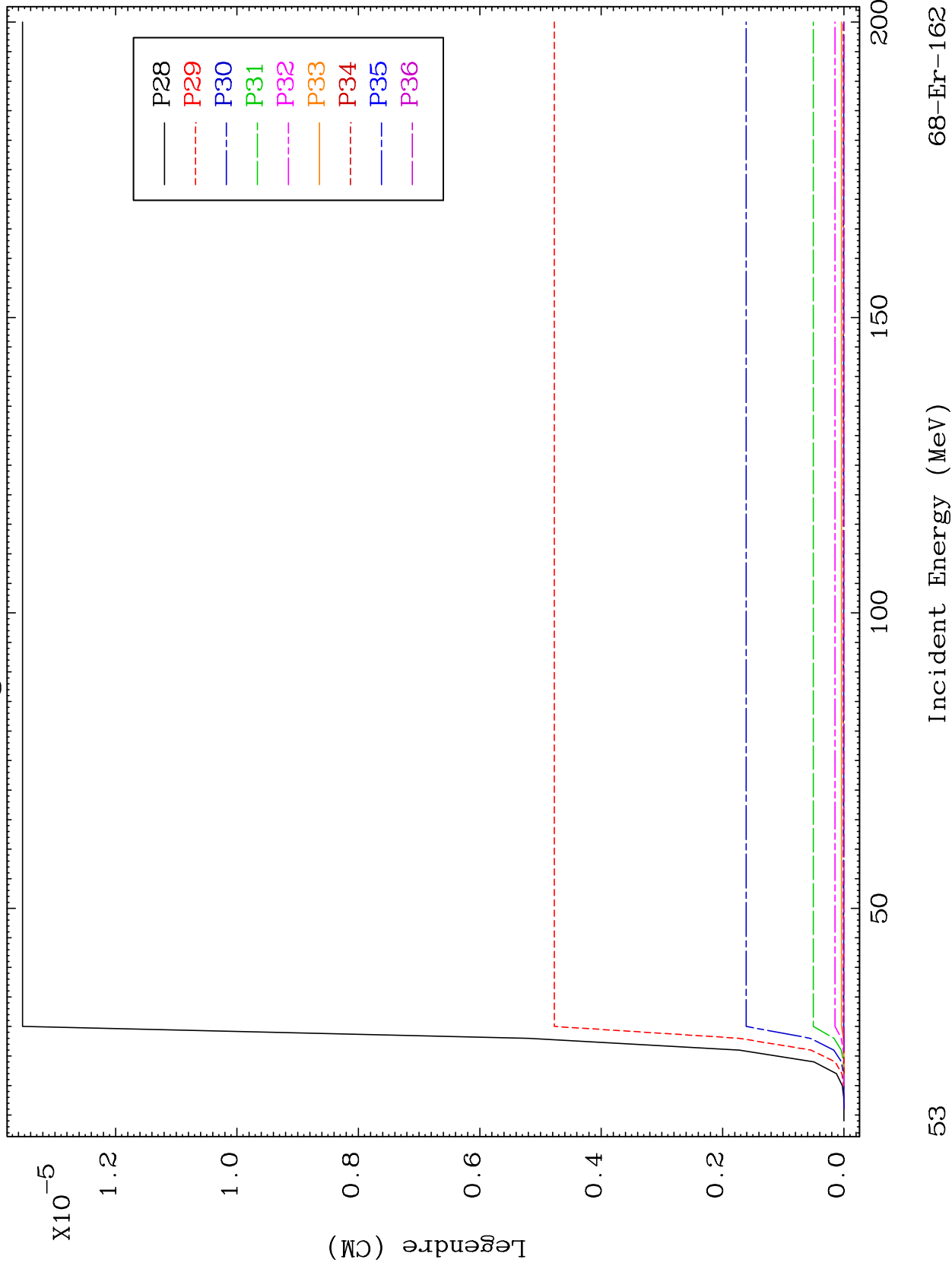




MAT 6825

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

68-Er-162



53

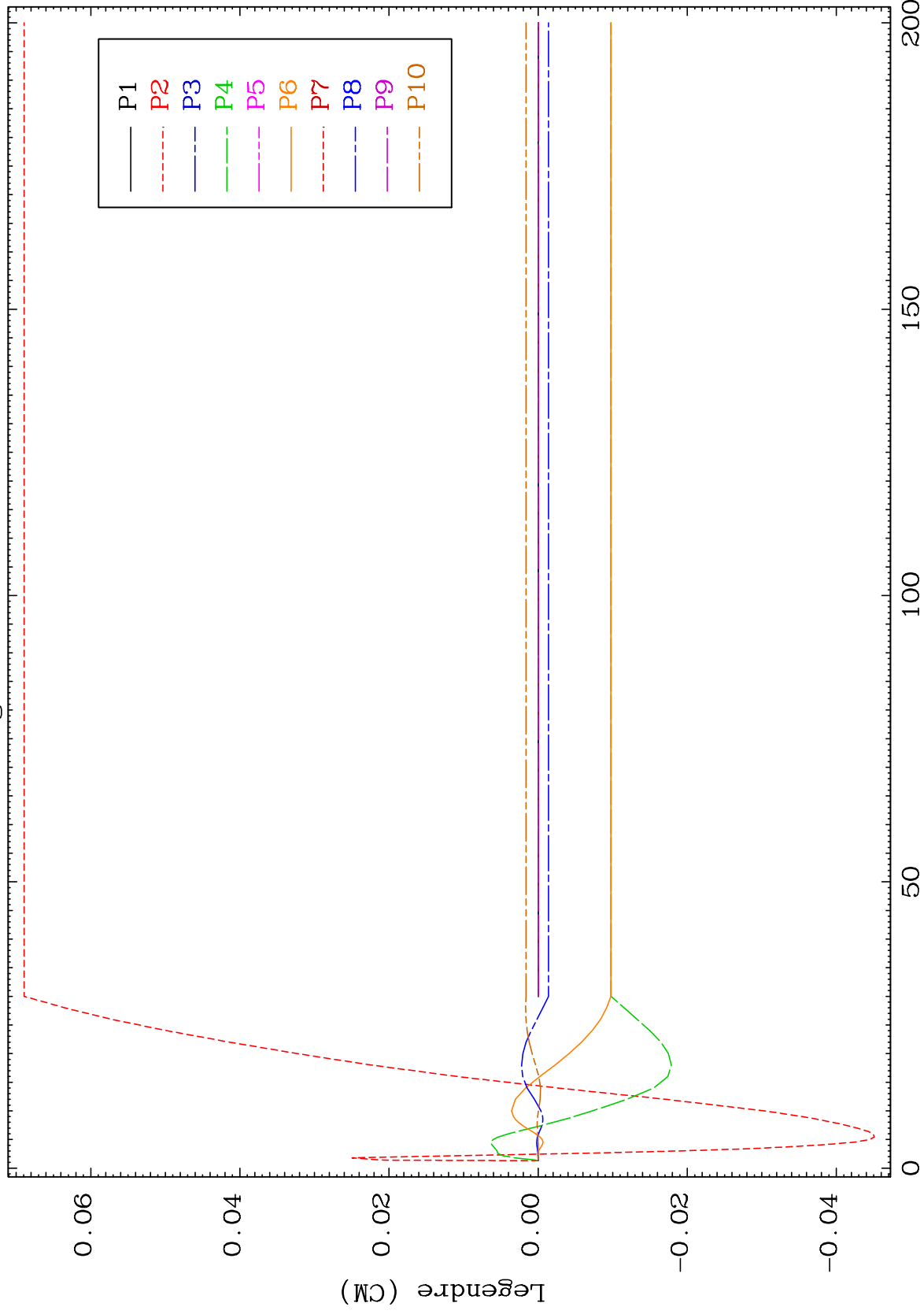
Incident Energy (MeV)

68-Er-162

MAT 6825

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

68-Er-162



54

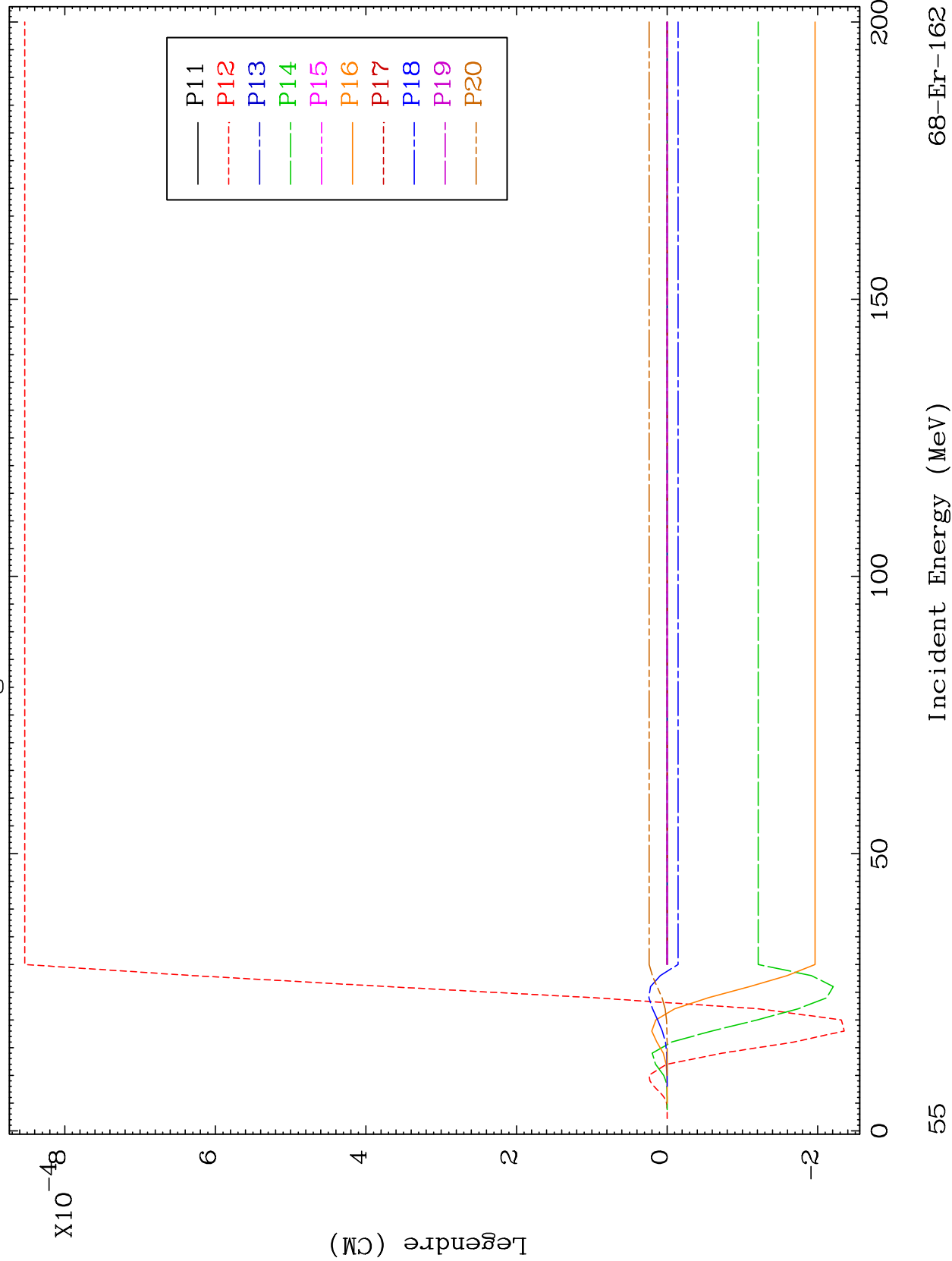
Incident Energy (MeV)

68-Er-162

MAT 6825

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

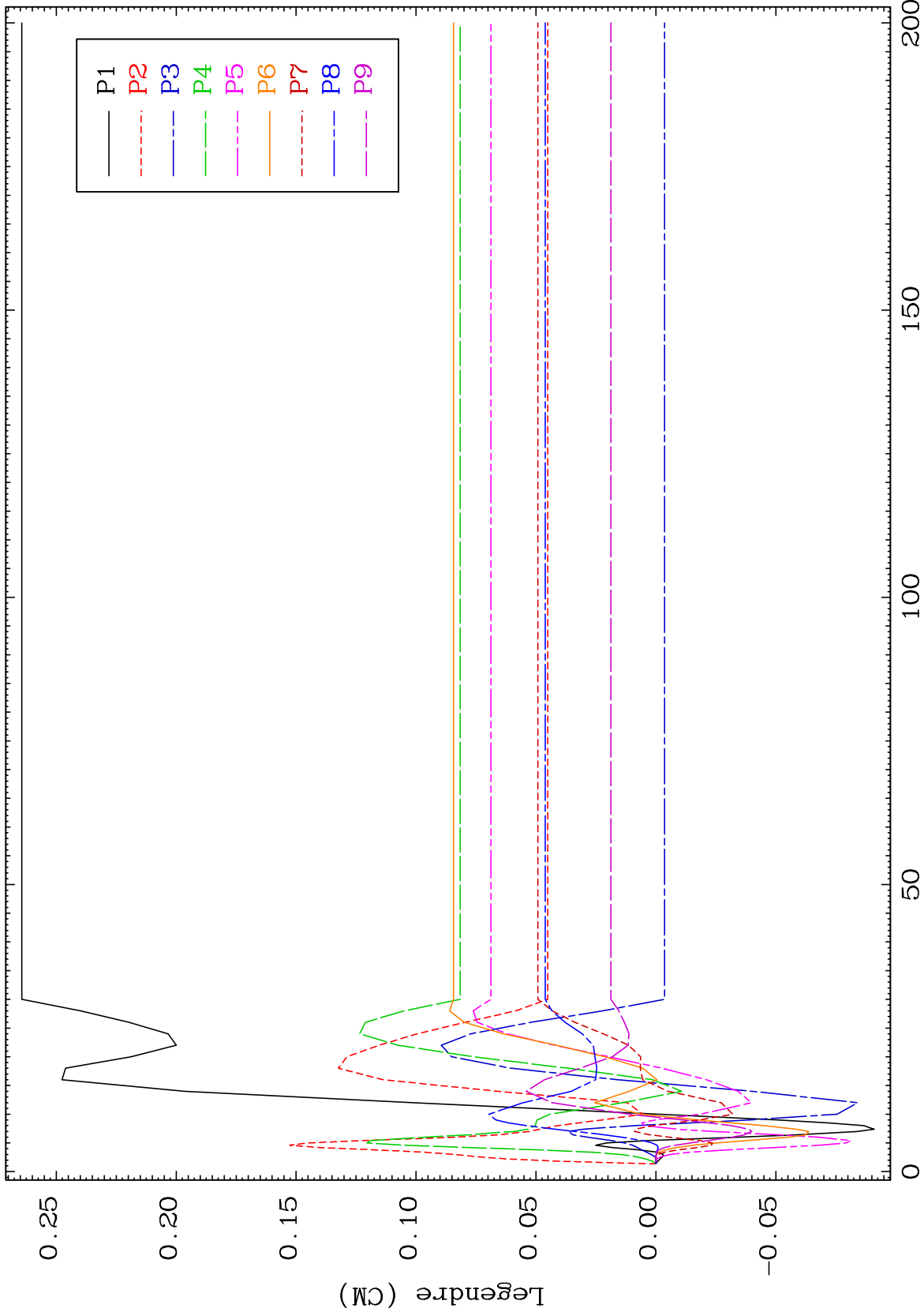
68-Er-162



MAT 6825

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

68-Er-162



57

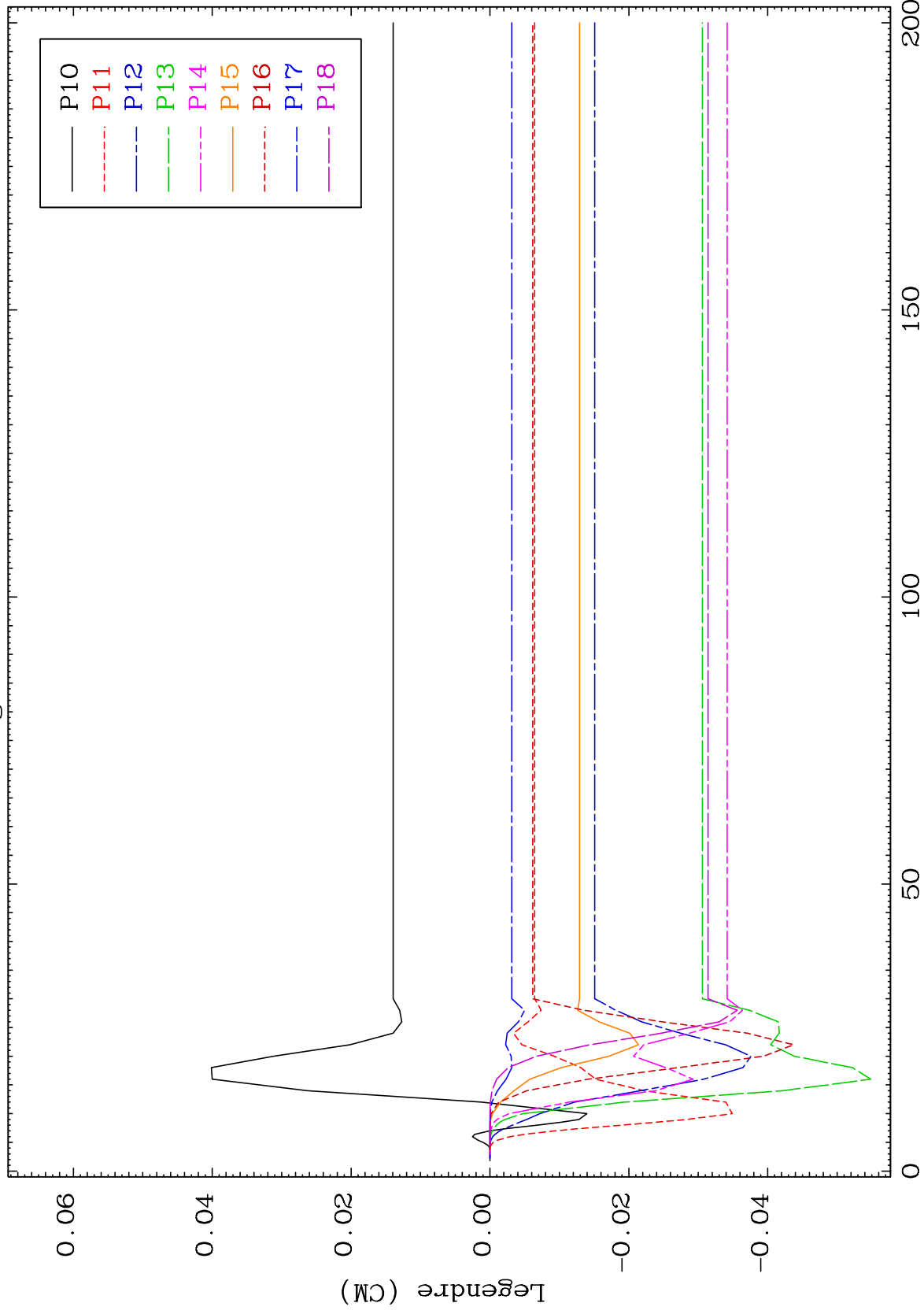
Incident Energy (MeV)

68-Er-162

MAT 6825

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

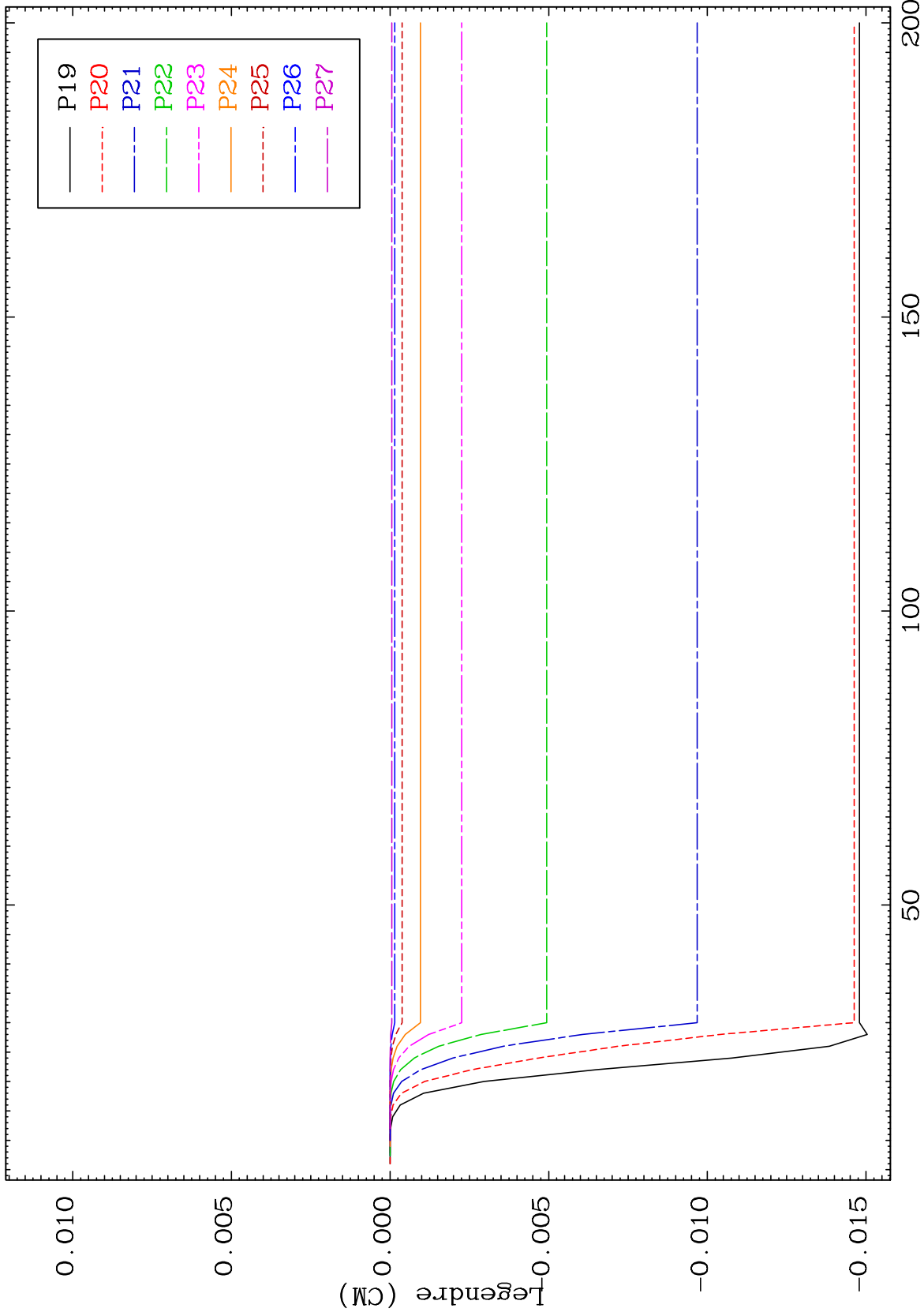
68-Er-162



58

Incident Energy (MeV)

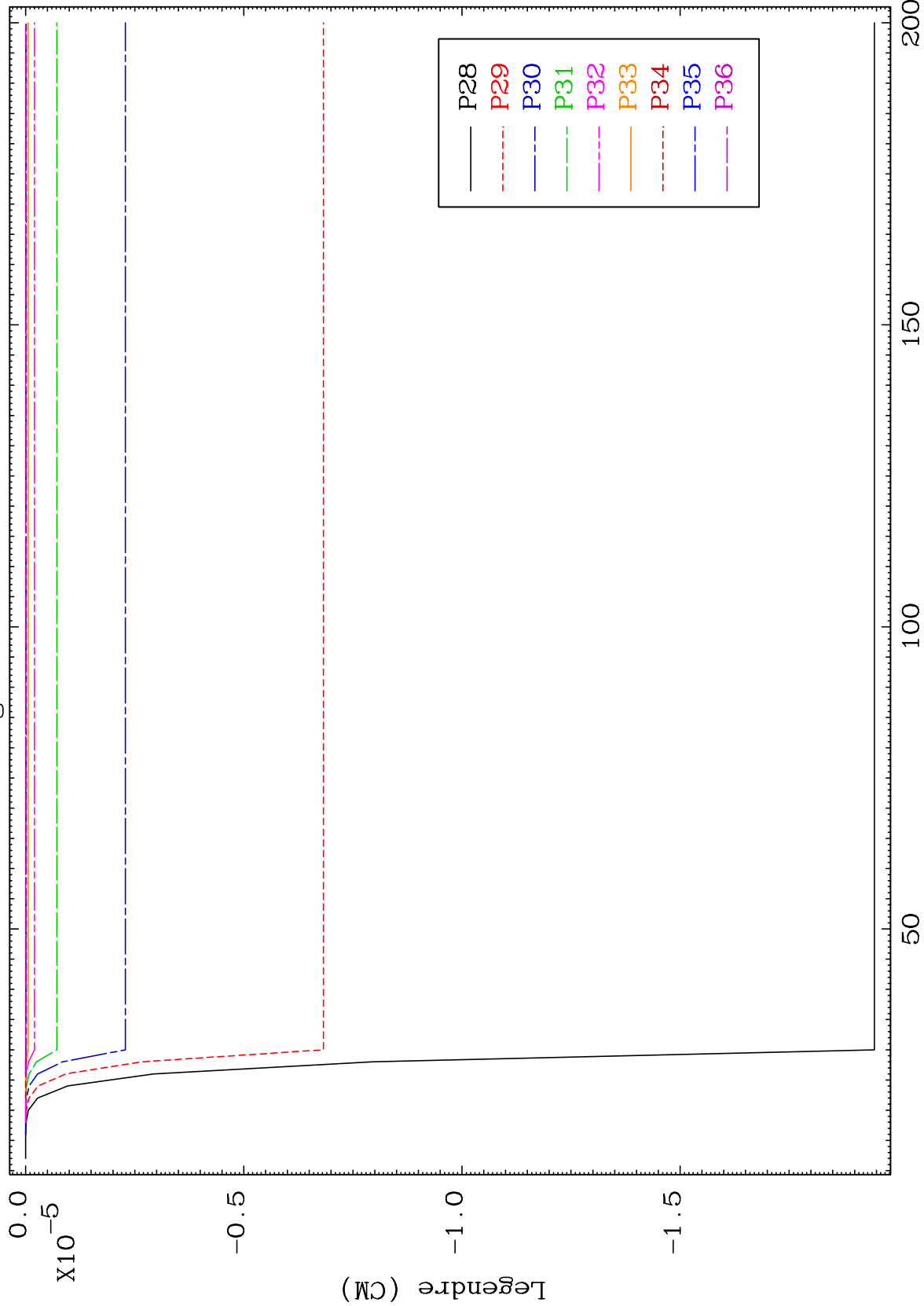
68-Er-162



MAT 6825

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

68-Er-162



68-Er-162

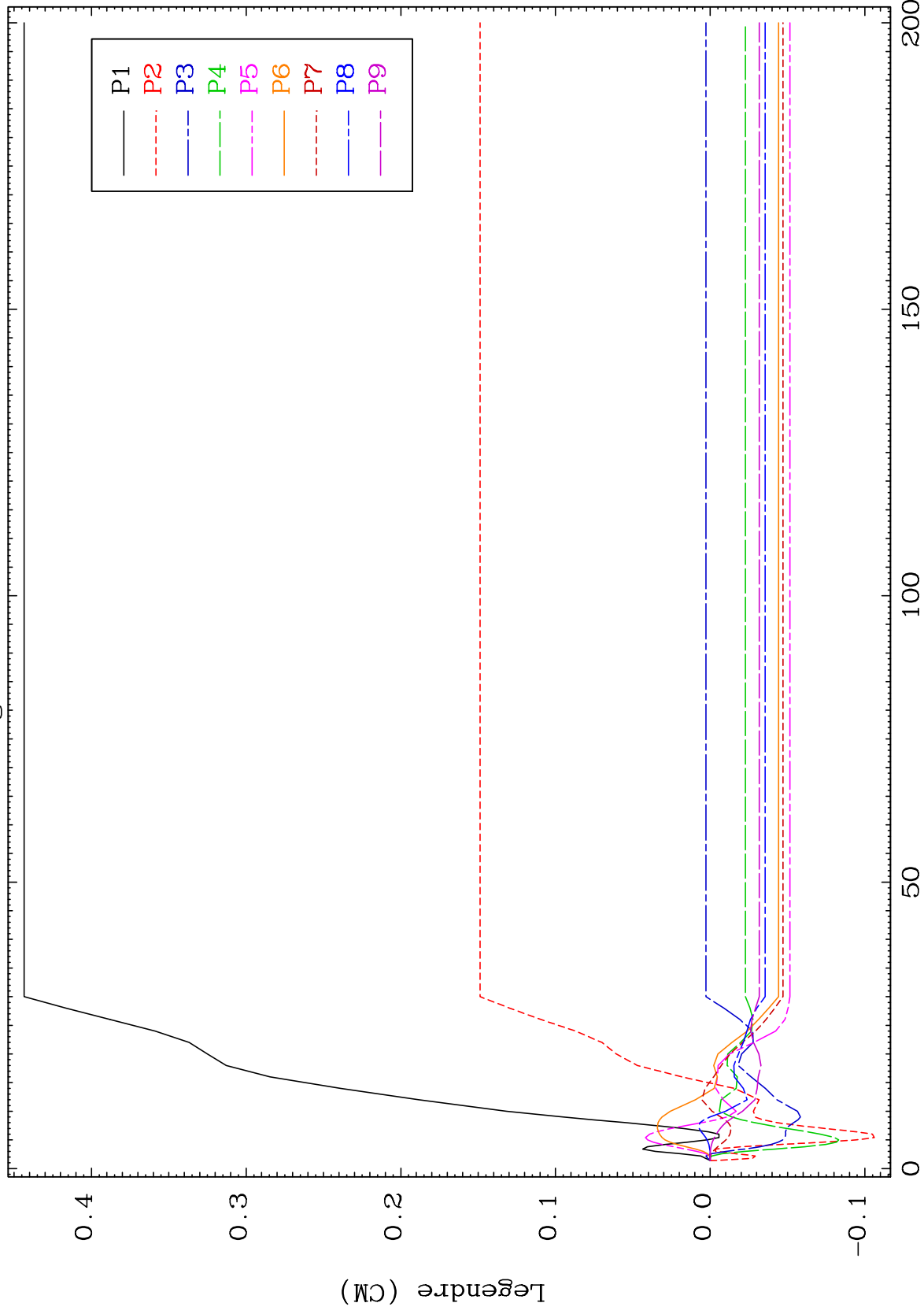
Incident Energy (MeV)

60

MAT 6825

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

68-Er-162



61

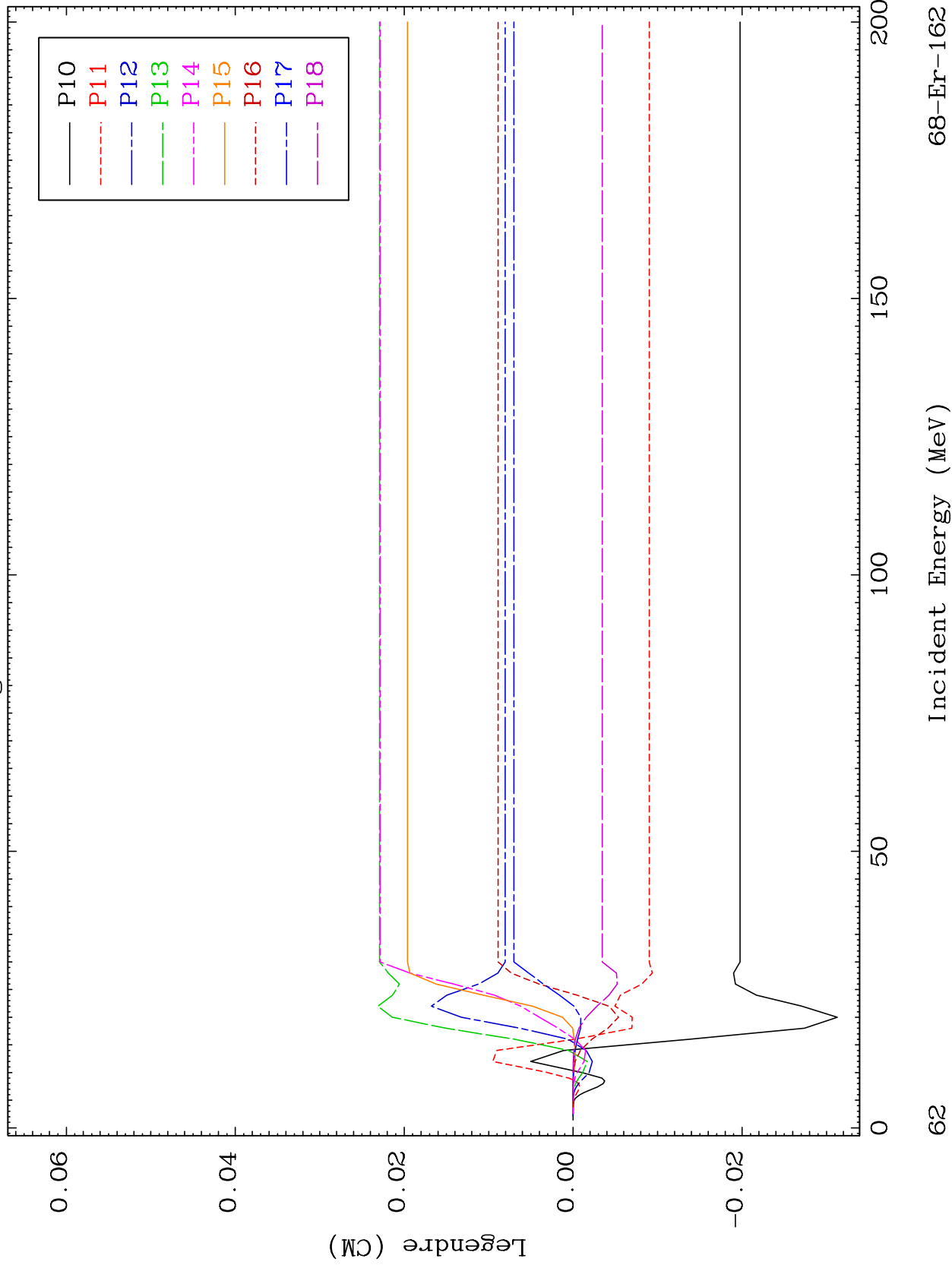
Incident Energy (MeV)

68-Er-162

MAT 6825

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

68-Er-162



68-Er-162

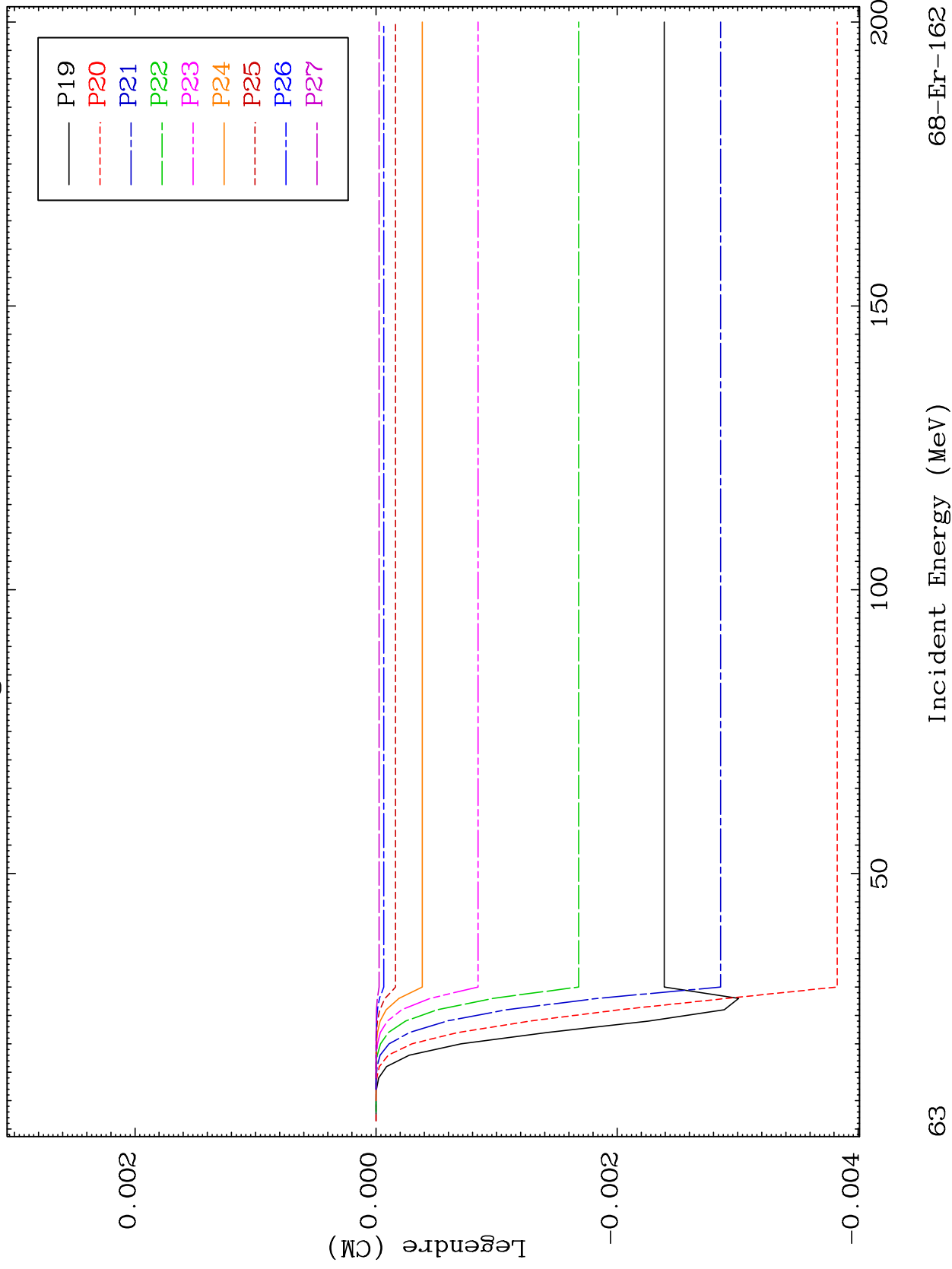
Incident Energy (MeV)

62

MAT 6825

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

68-Er-162



63

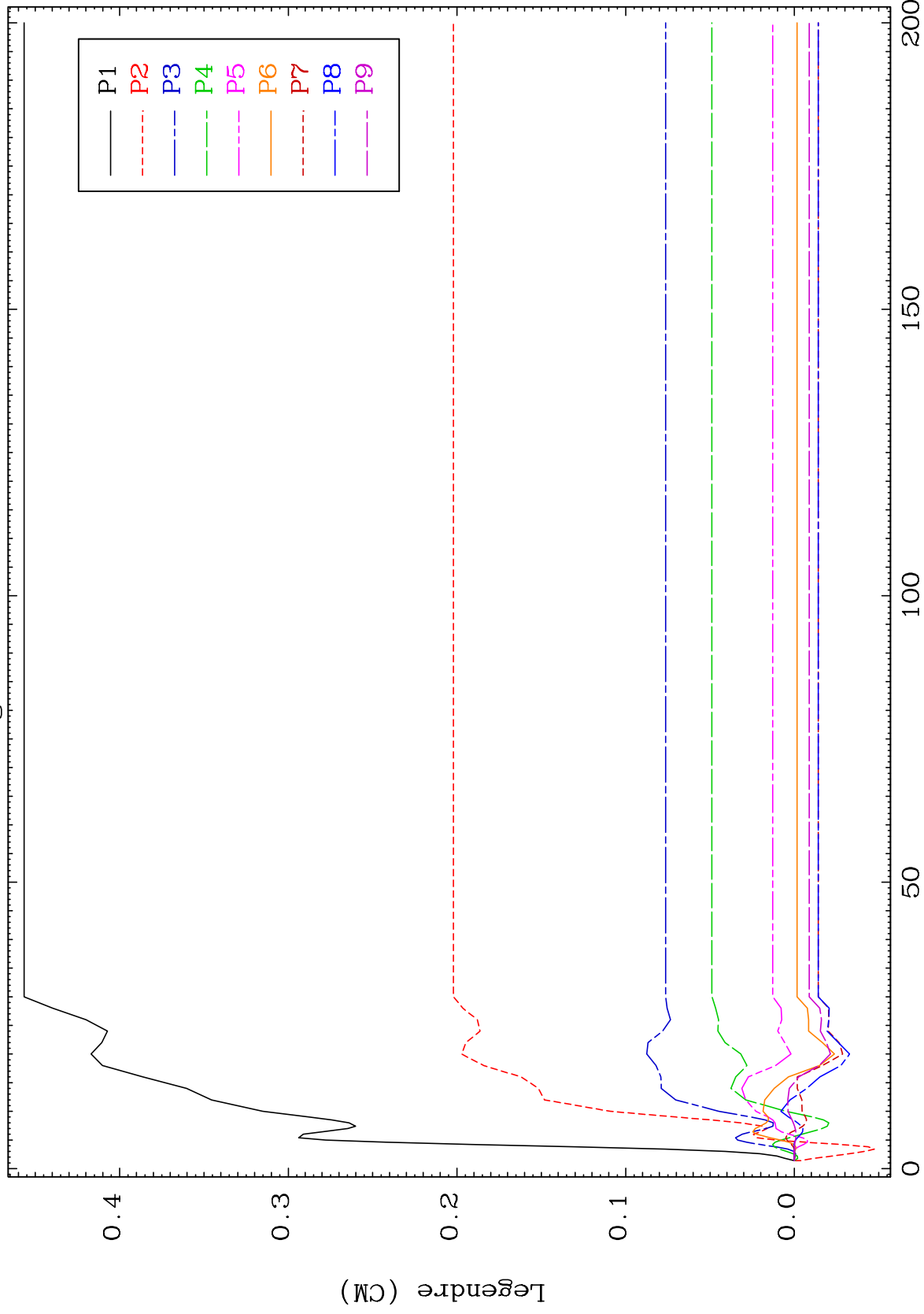
Incident Energy (MeV)

68-Er-162

MAT 6825

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

68-Er-162



65

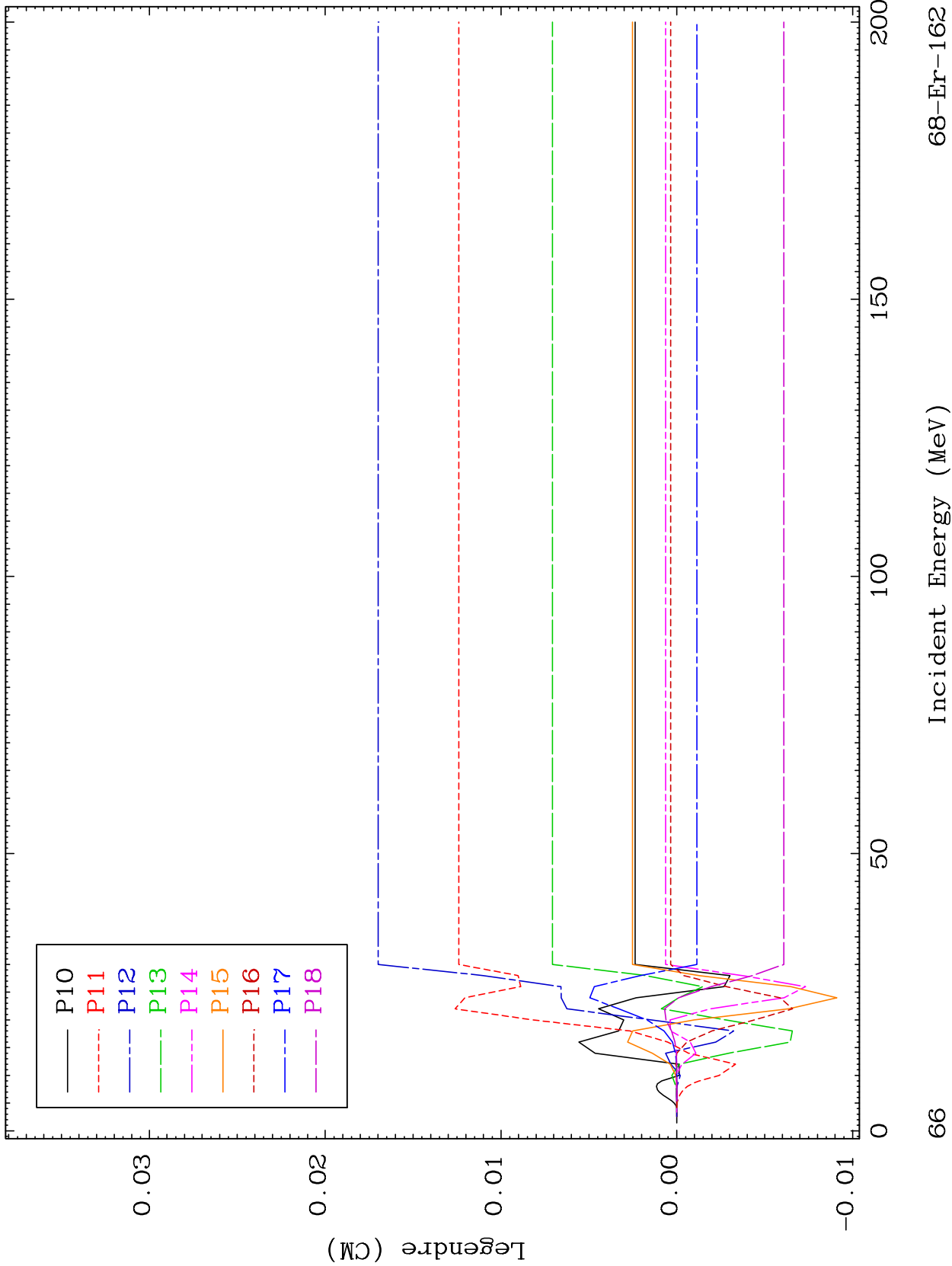
Incident Energy (MeV)

68-Er-162

MAT 6825

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

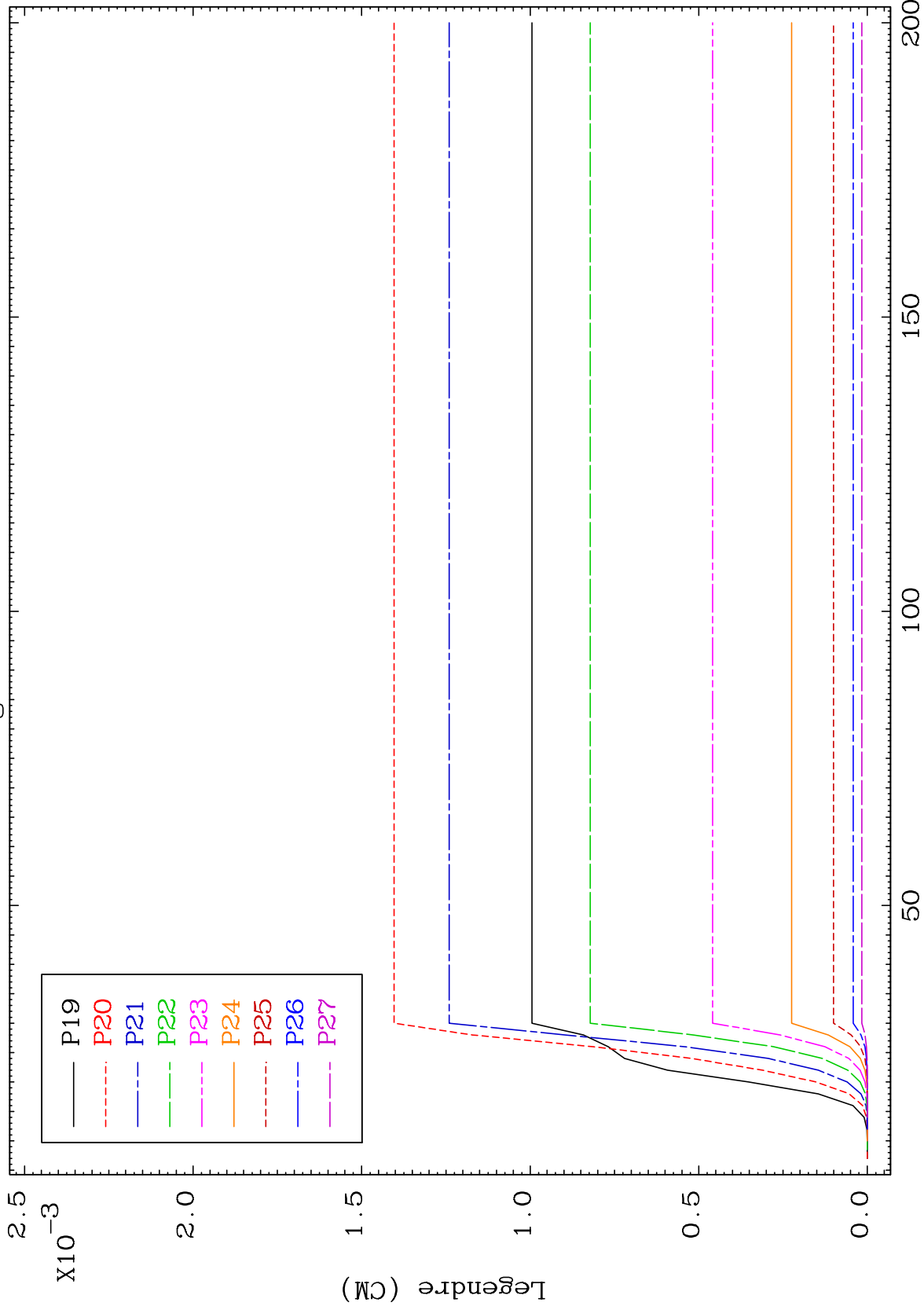
68-Er-162



66

Incident Energy (MeV)

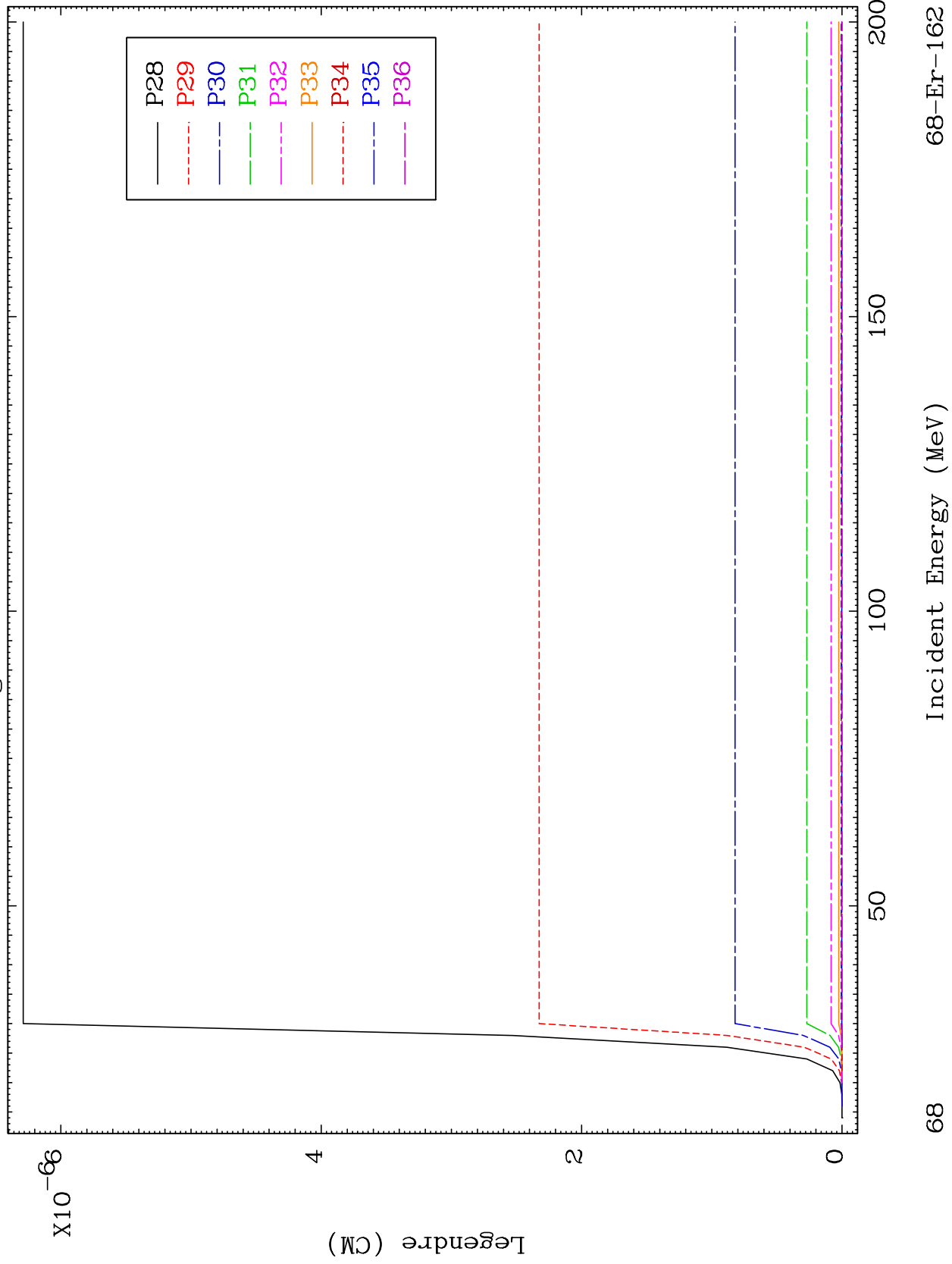
68-Er-162



MAT 6825

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

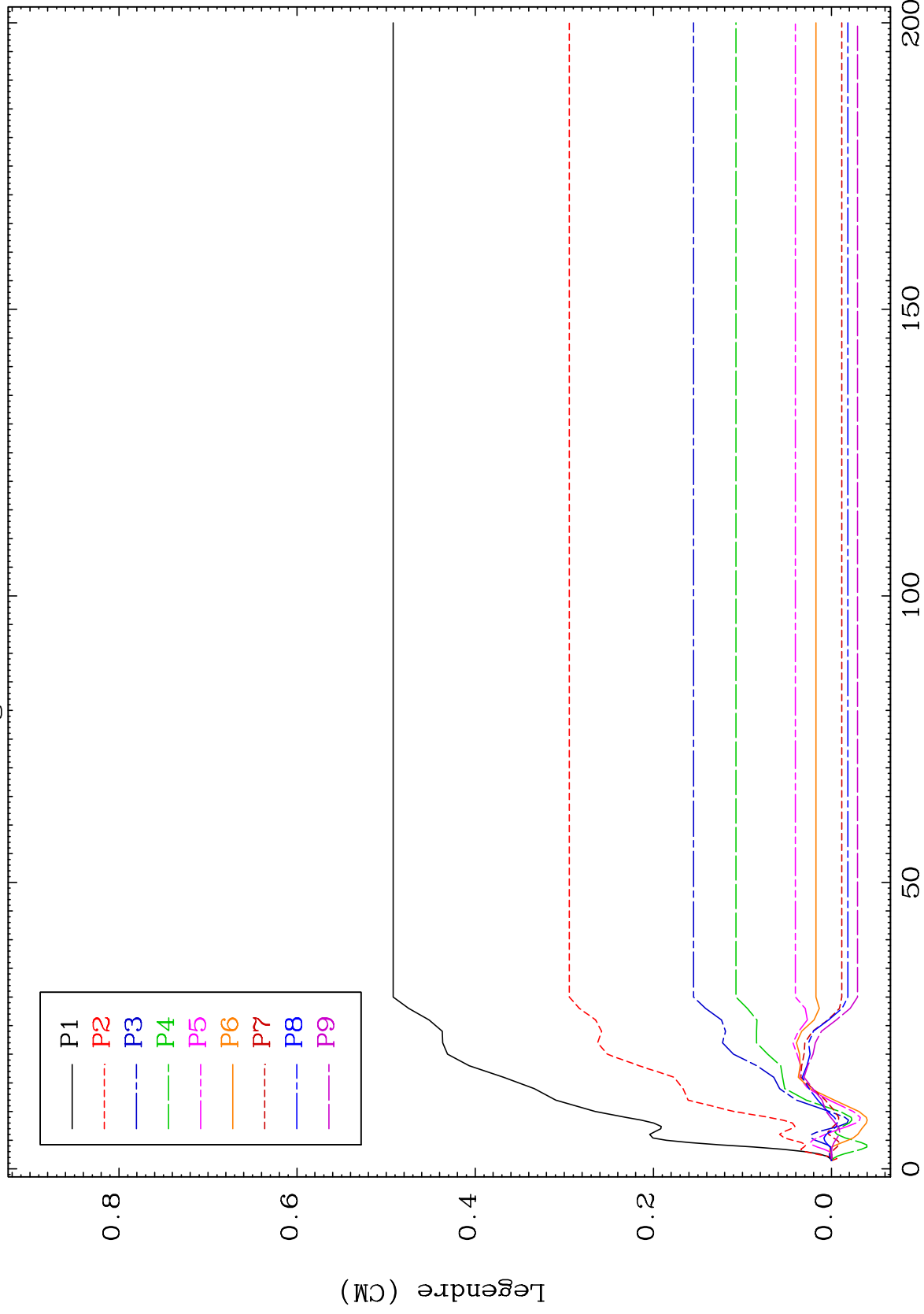
68-Er-162



MAT 6825

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

68-Er-162



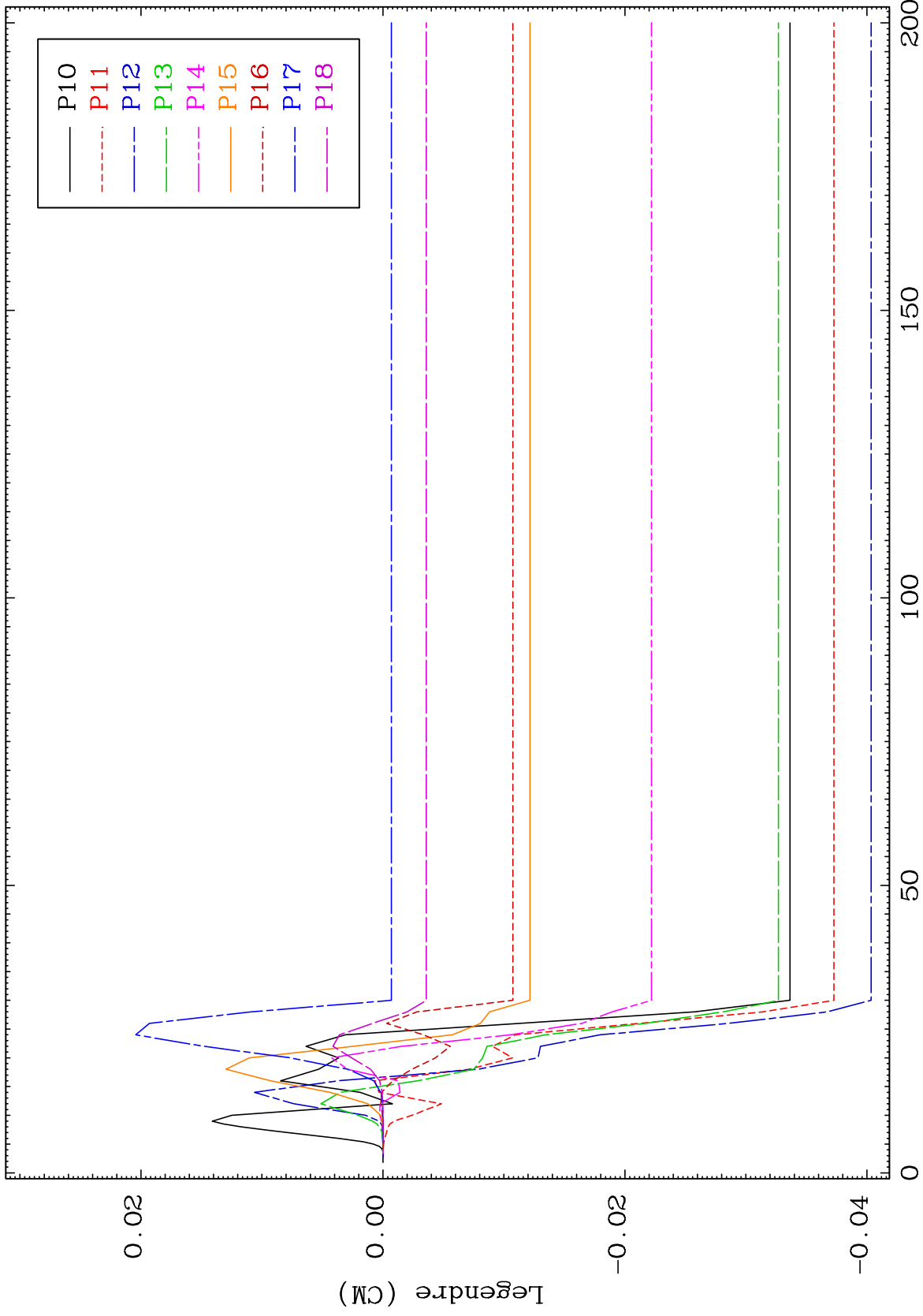
69

68-Er-162

MAT 6825

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

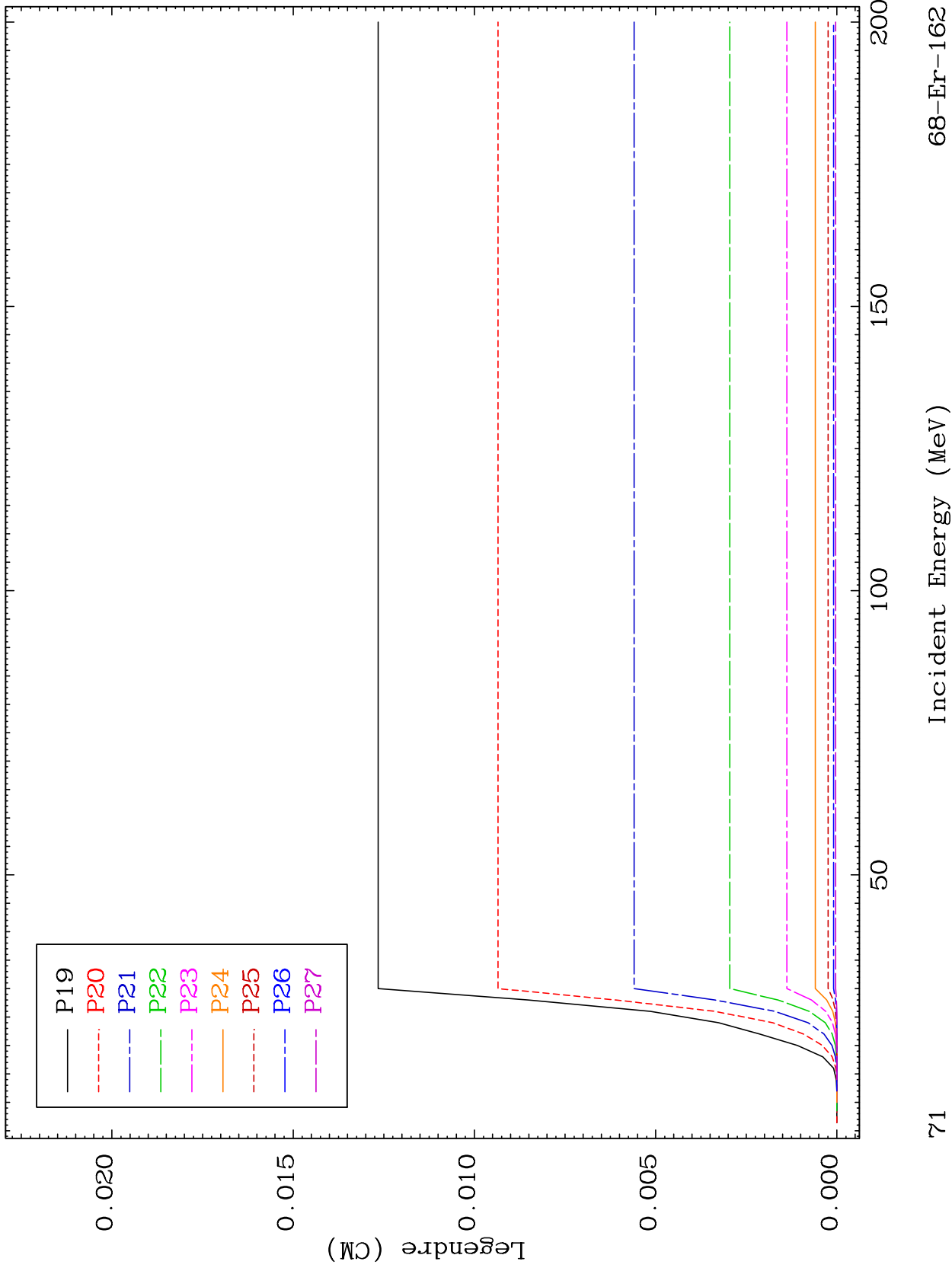
68-Er-162



70

Incident Energy (MeV)

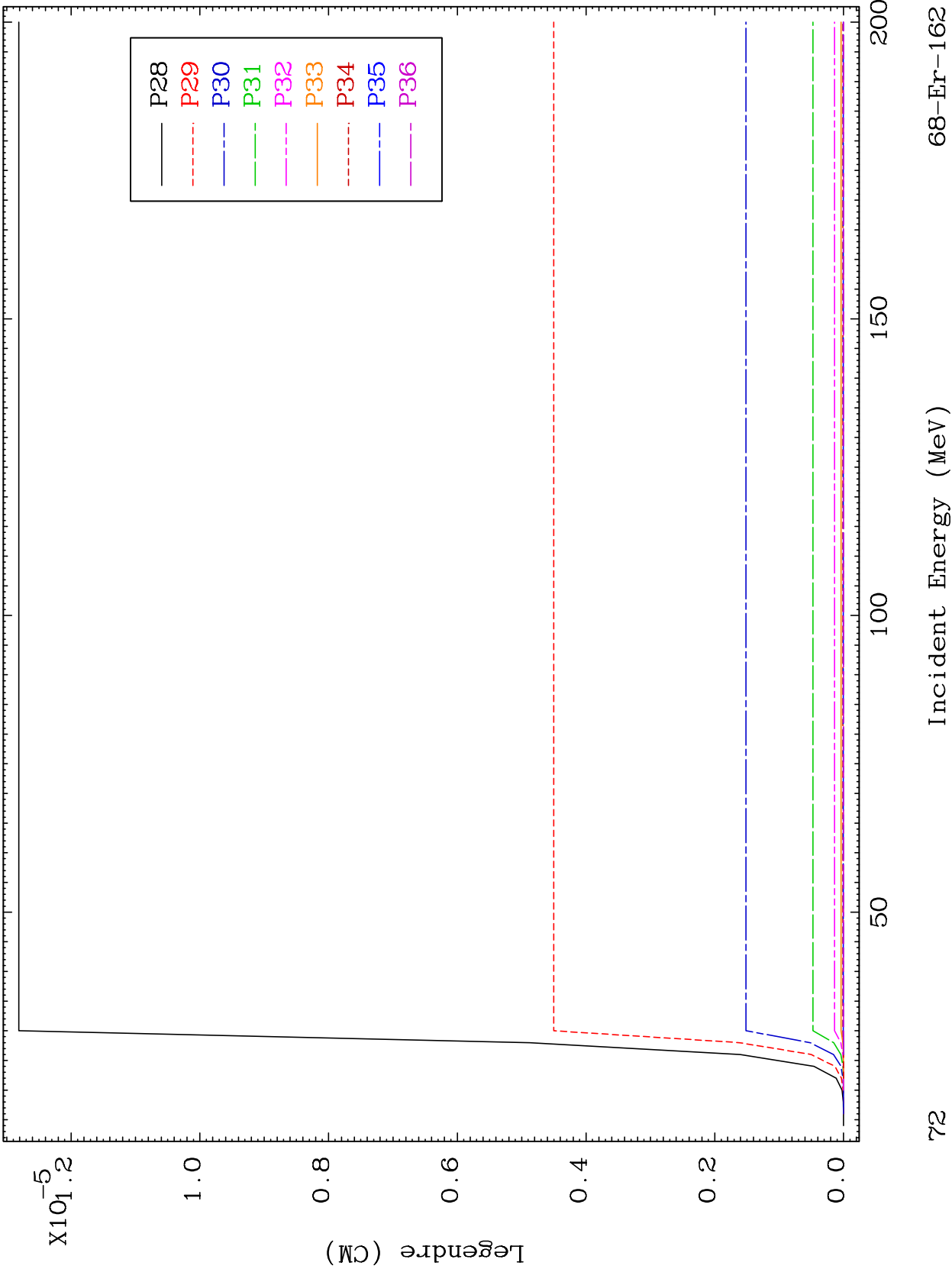
68-Er-162



MAT 6825

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

68-Er-162



72

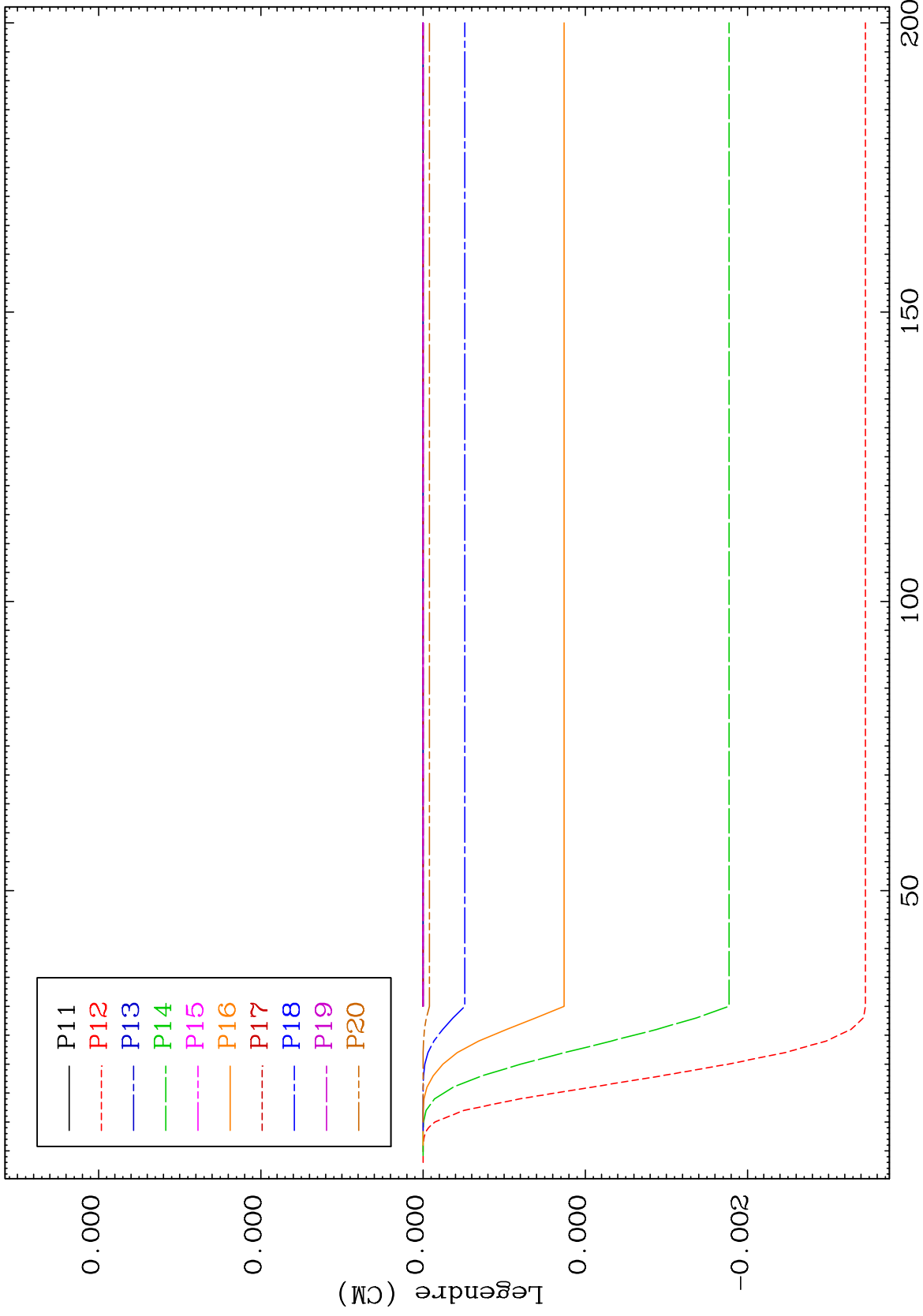
Incident Energy (MeV)

68-Er-162

MAT 6825

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

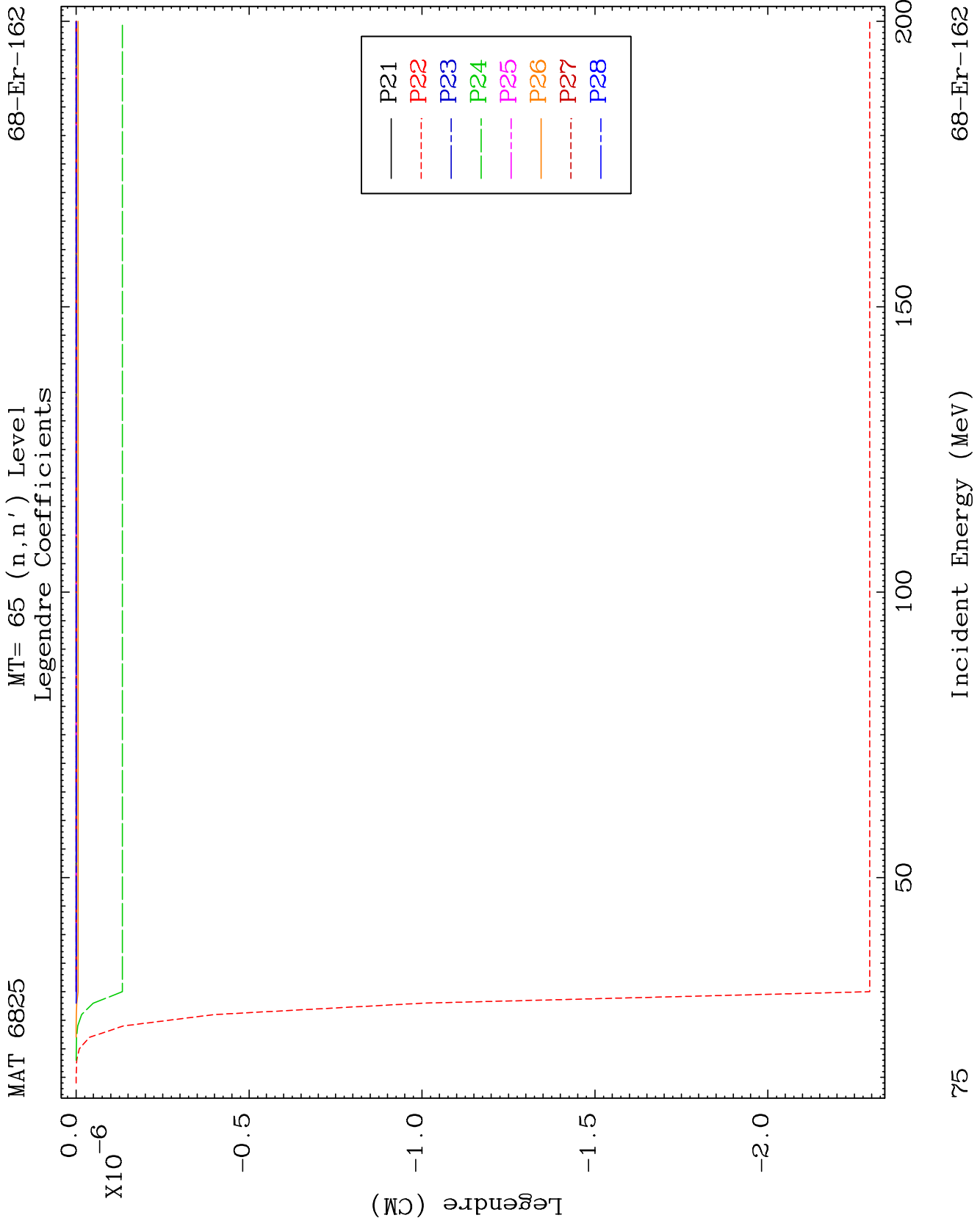
68-Er-162



74

Incident Energy (MeV)

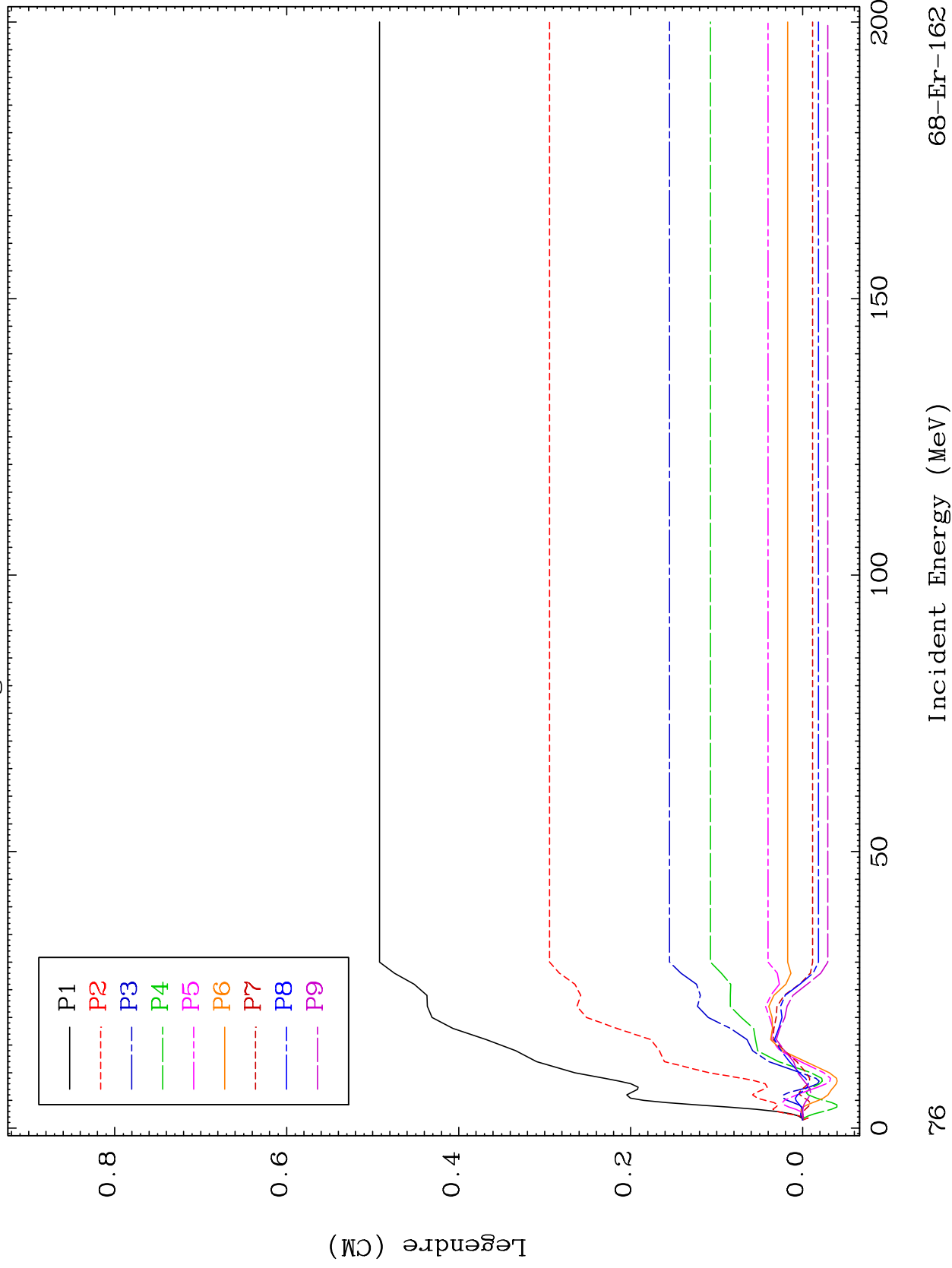
68-Er-162



MAT 6825

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

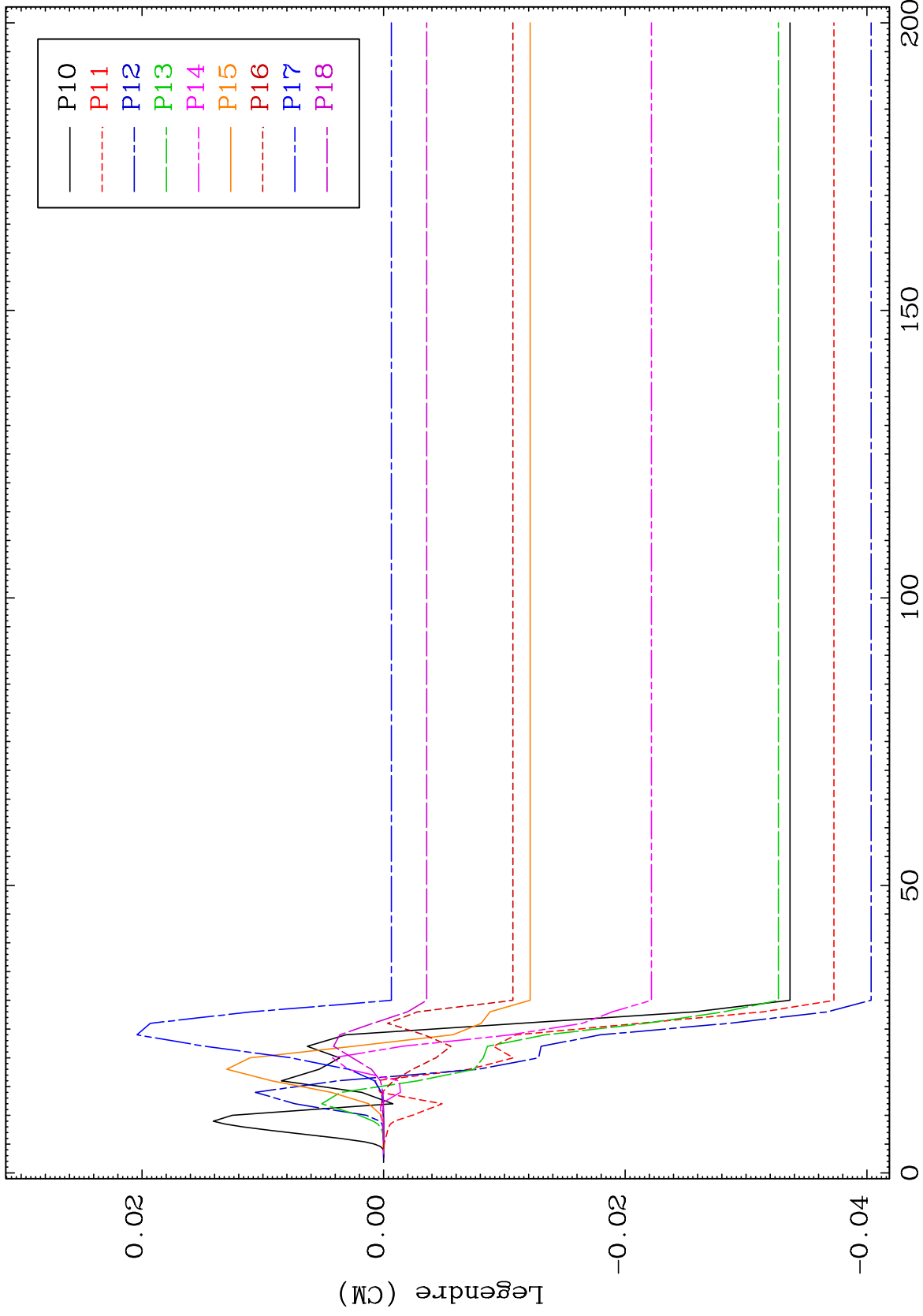
68-Er-162



MAT 6825

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

68-Er-162



77

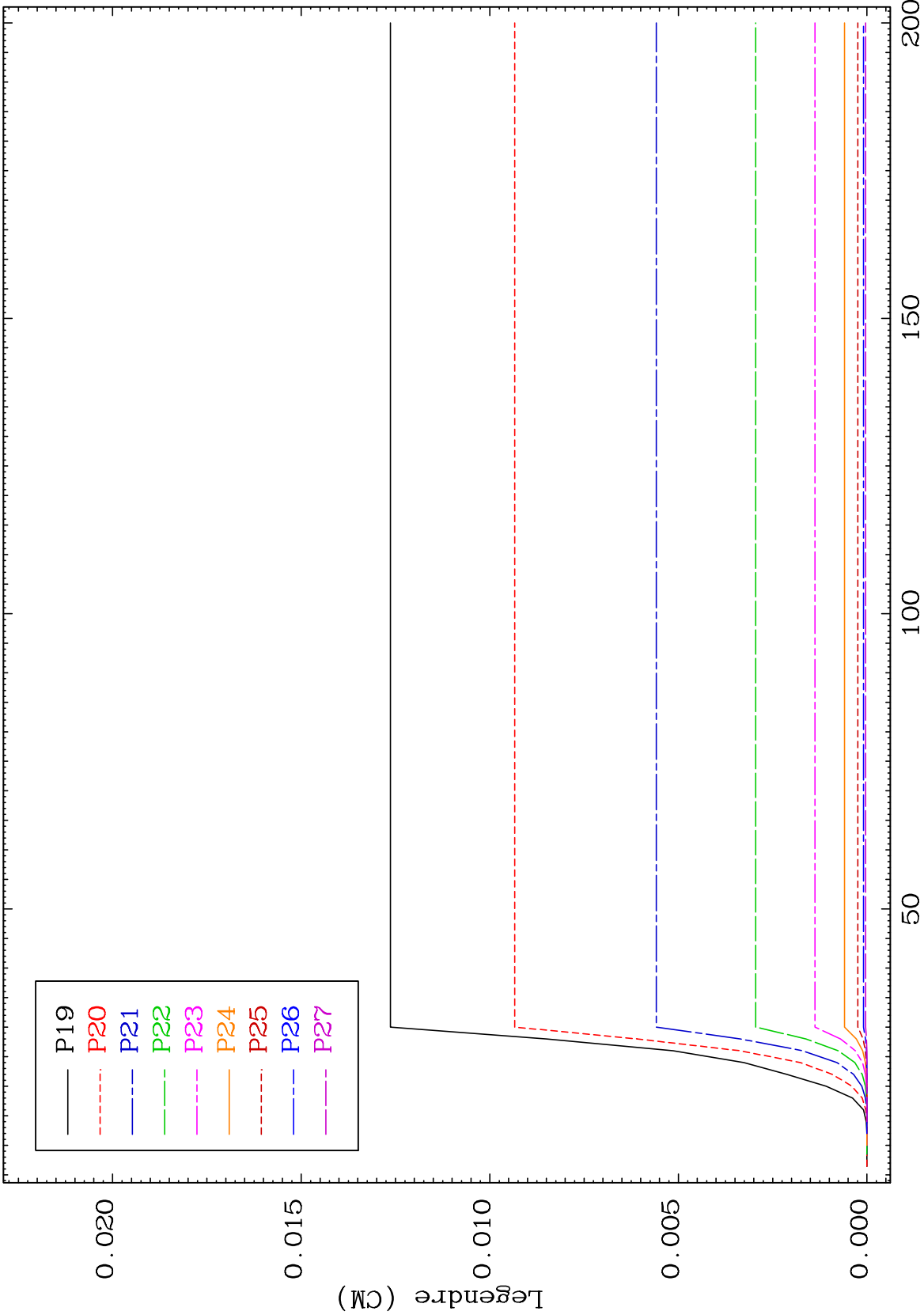
Incident Energy (MeV)

68-Er-162

MAT 6825

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

68-Er-162



78

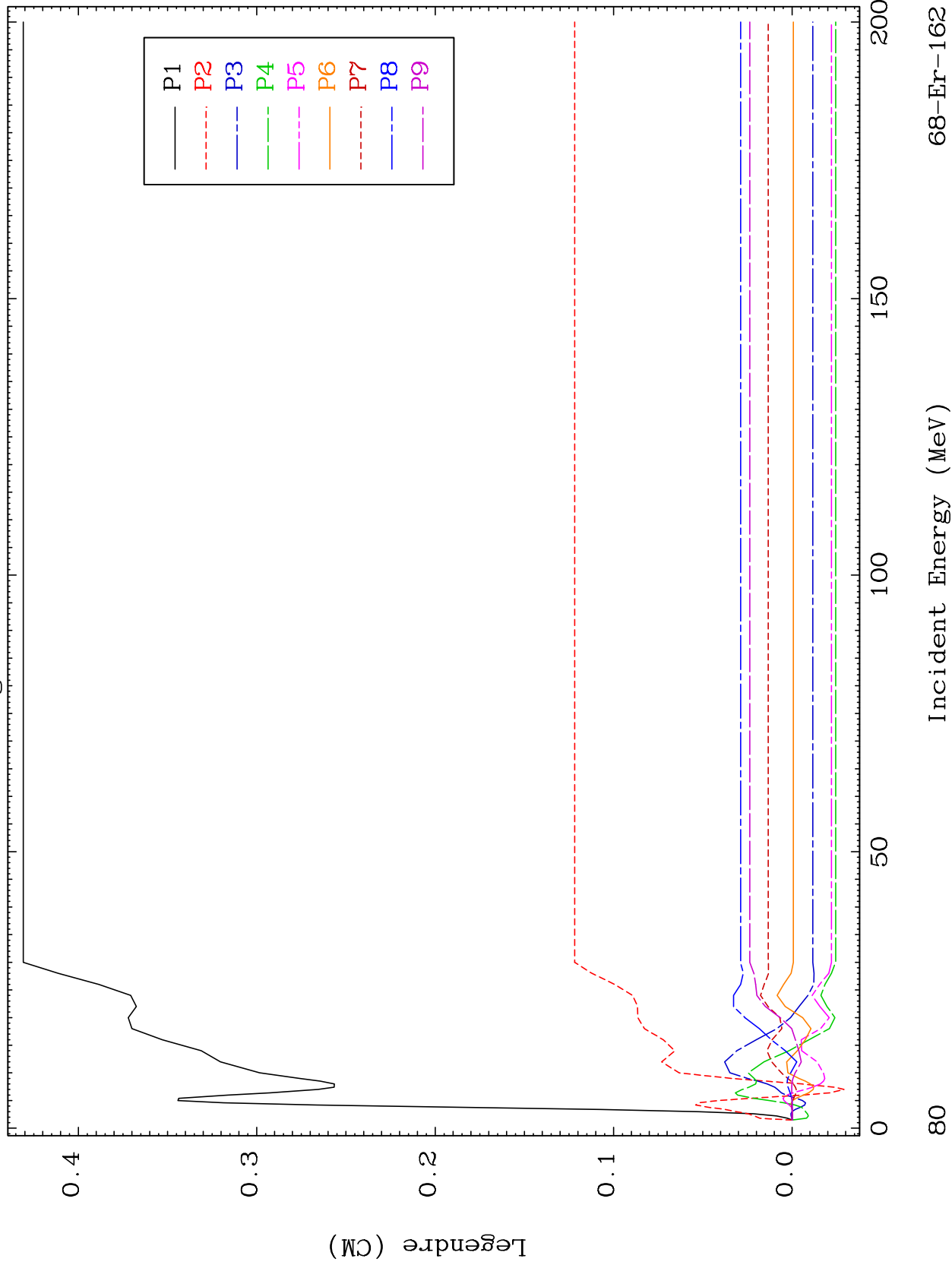
Incident Energy (MeV)

68-Er-162

MAT 6825

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

68-Er-162



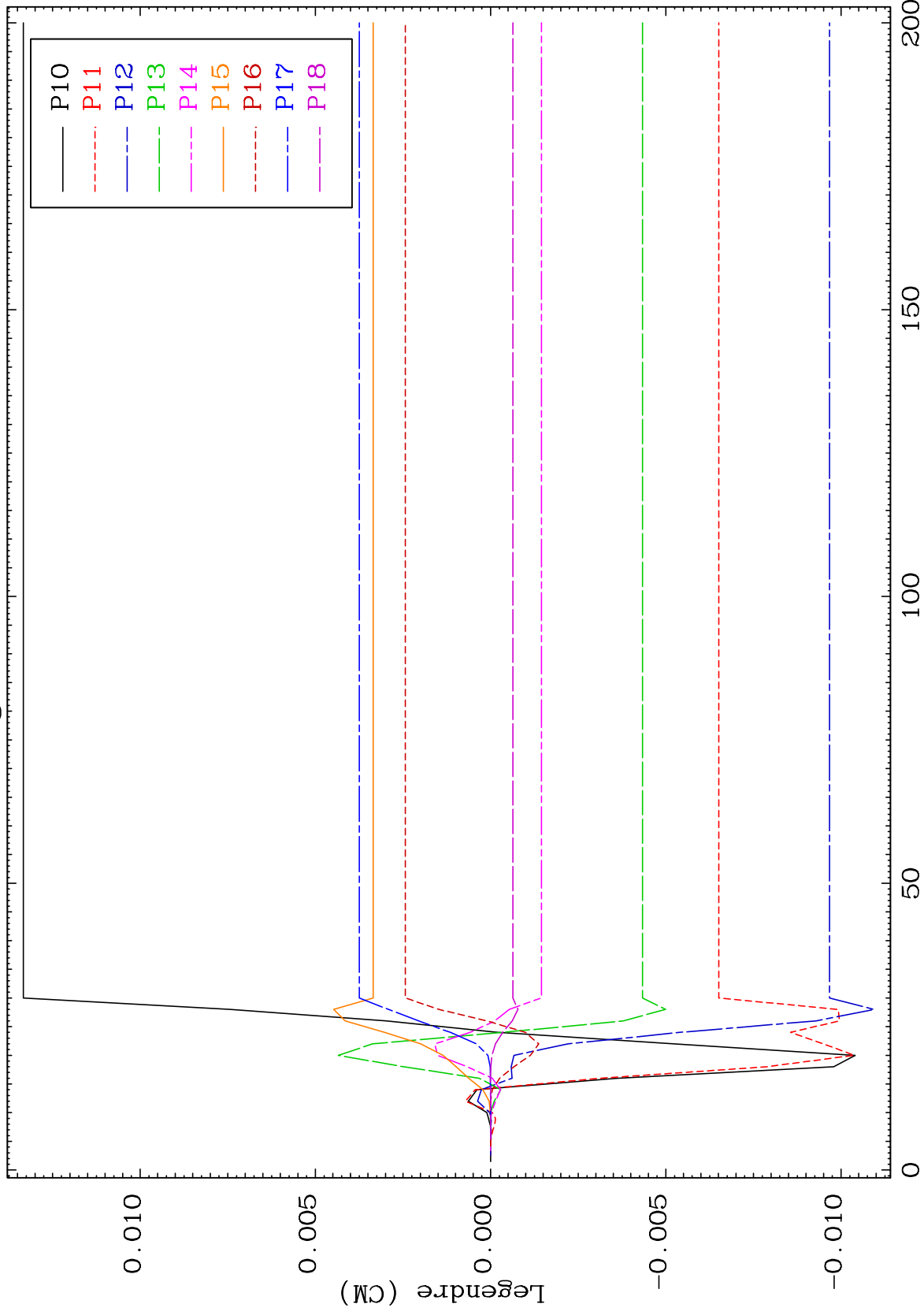
68-Er-162

Incident Energy (MeV)

MAT 6825

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

68-Er-162



81

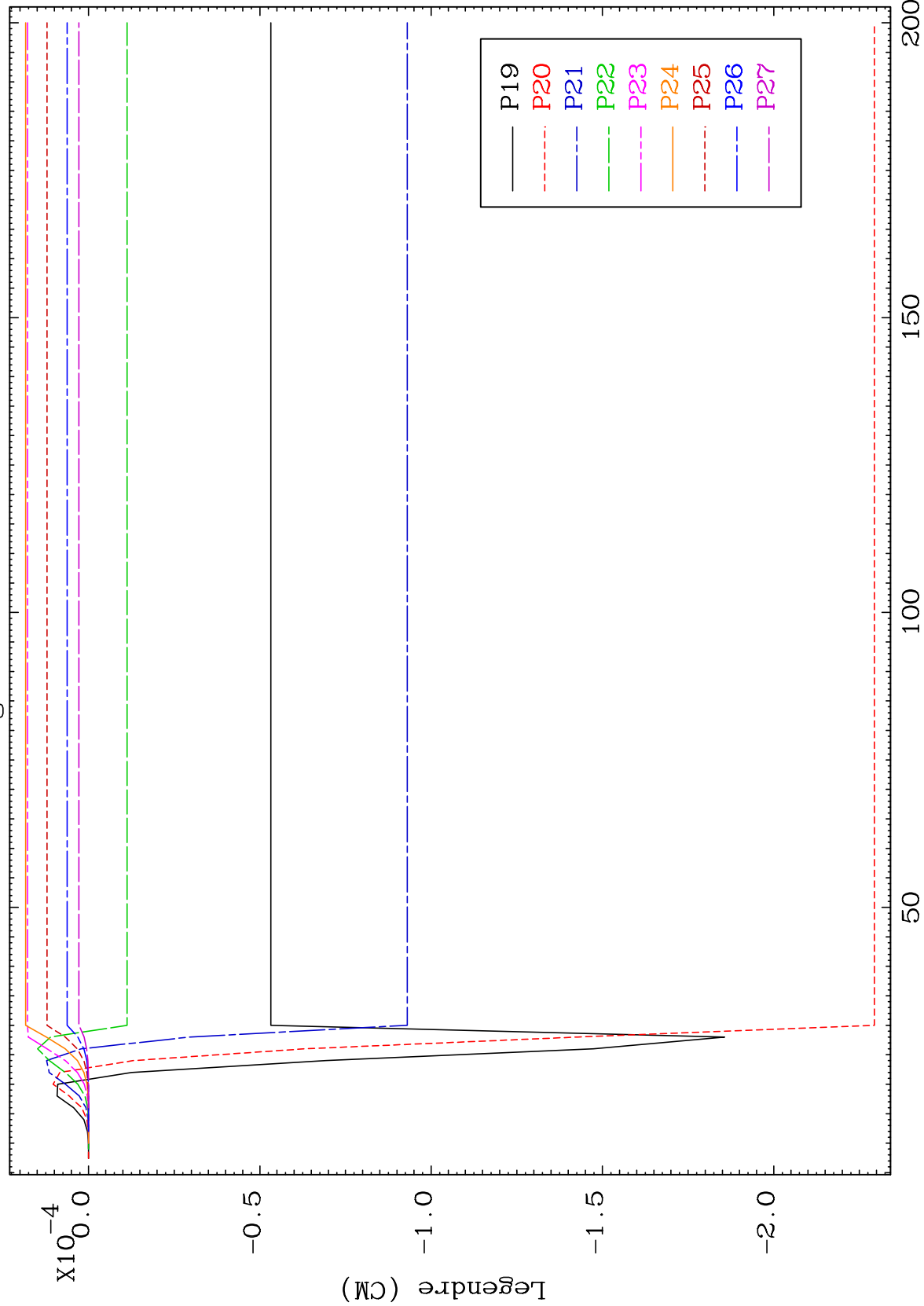
Incident Energy (MeV)

68-Er-162

MAT 6825

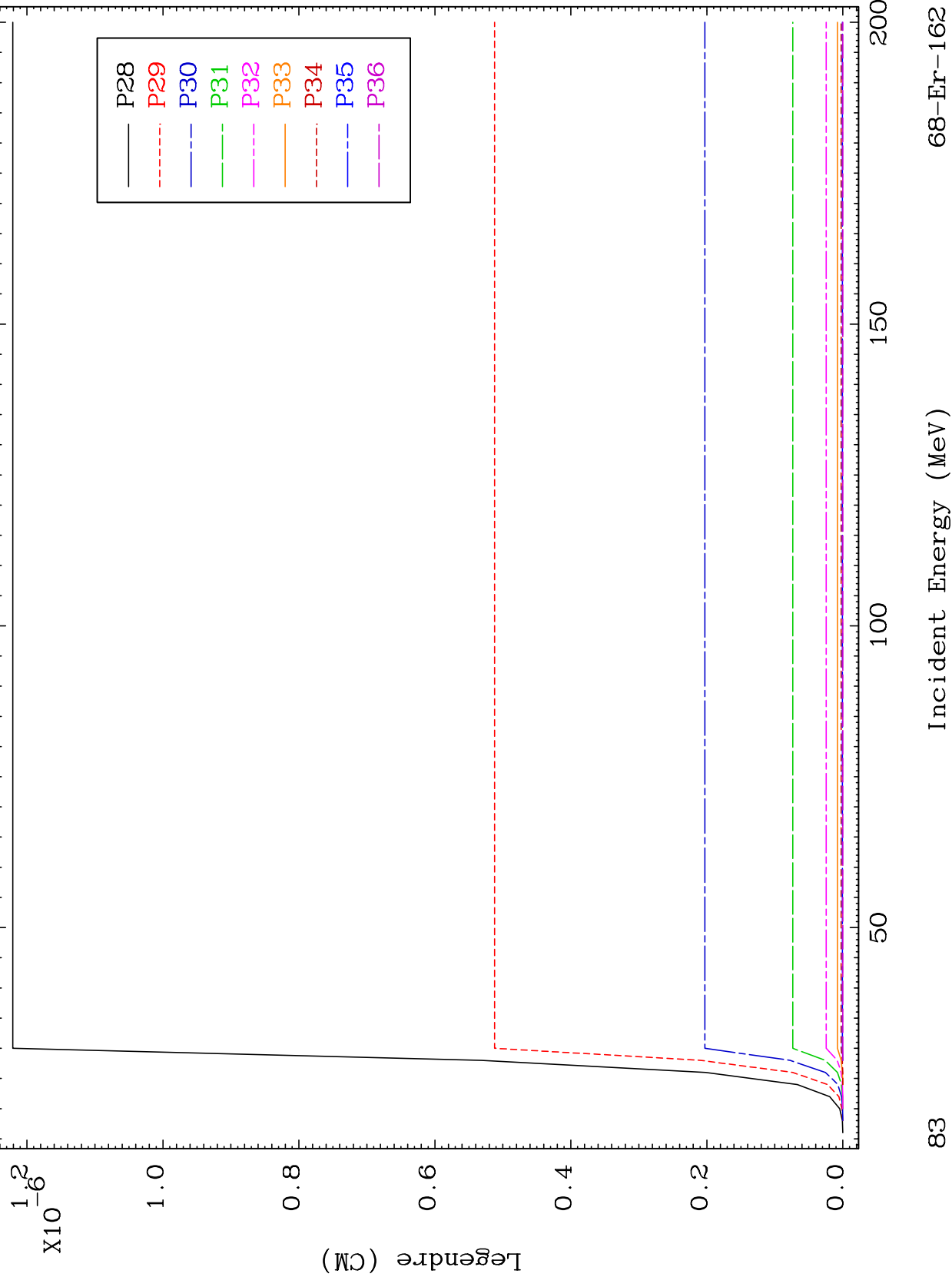
MT= 67 (n,n') Level
Legendre Coefficients

68-Er-162



82

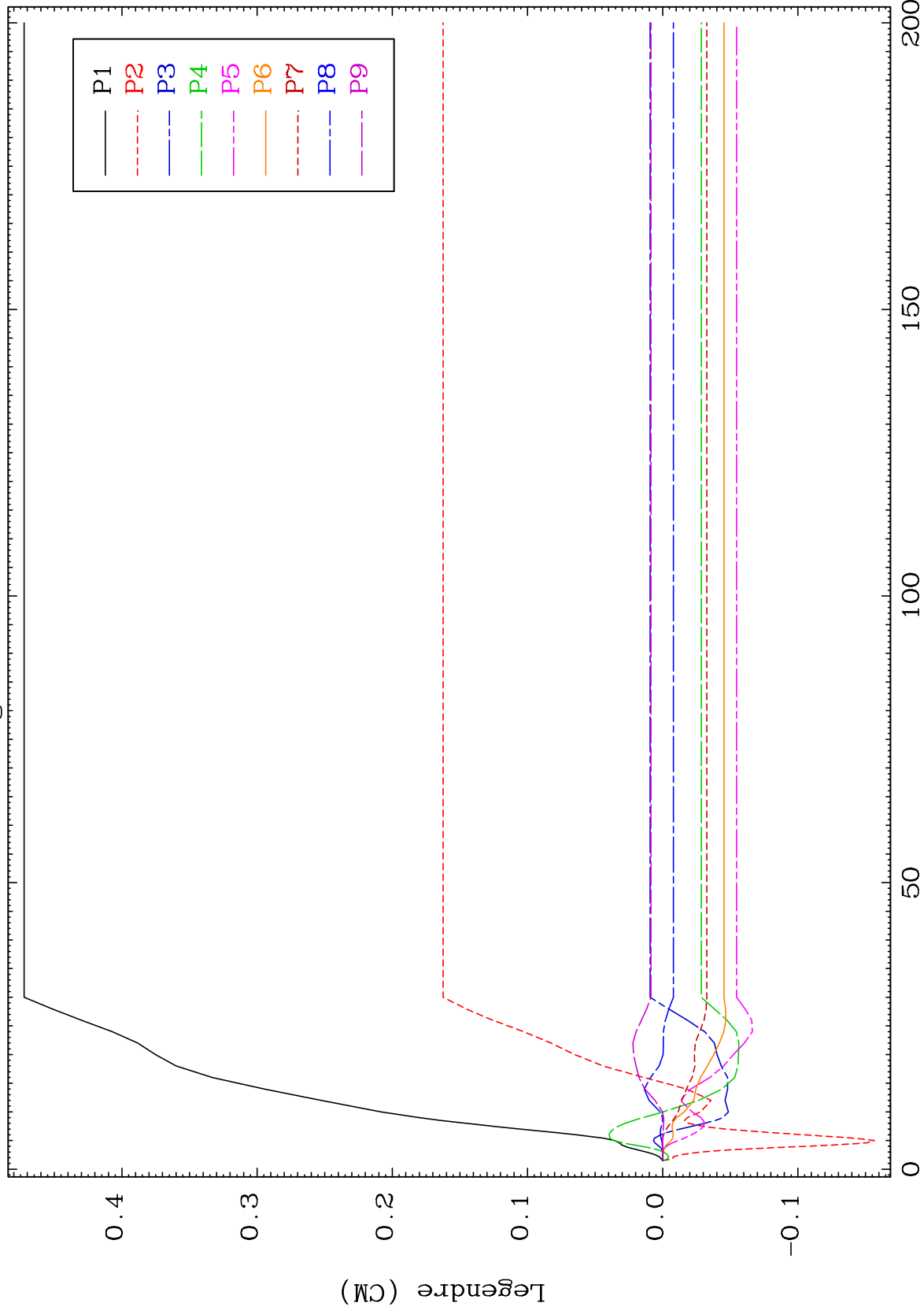
68-Er-162



MAT 6825

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

68-Er-162



68-Er-162

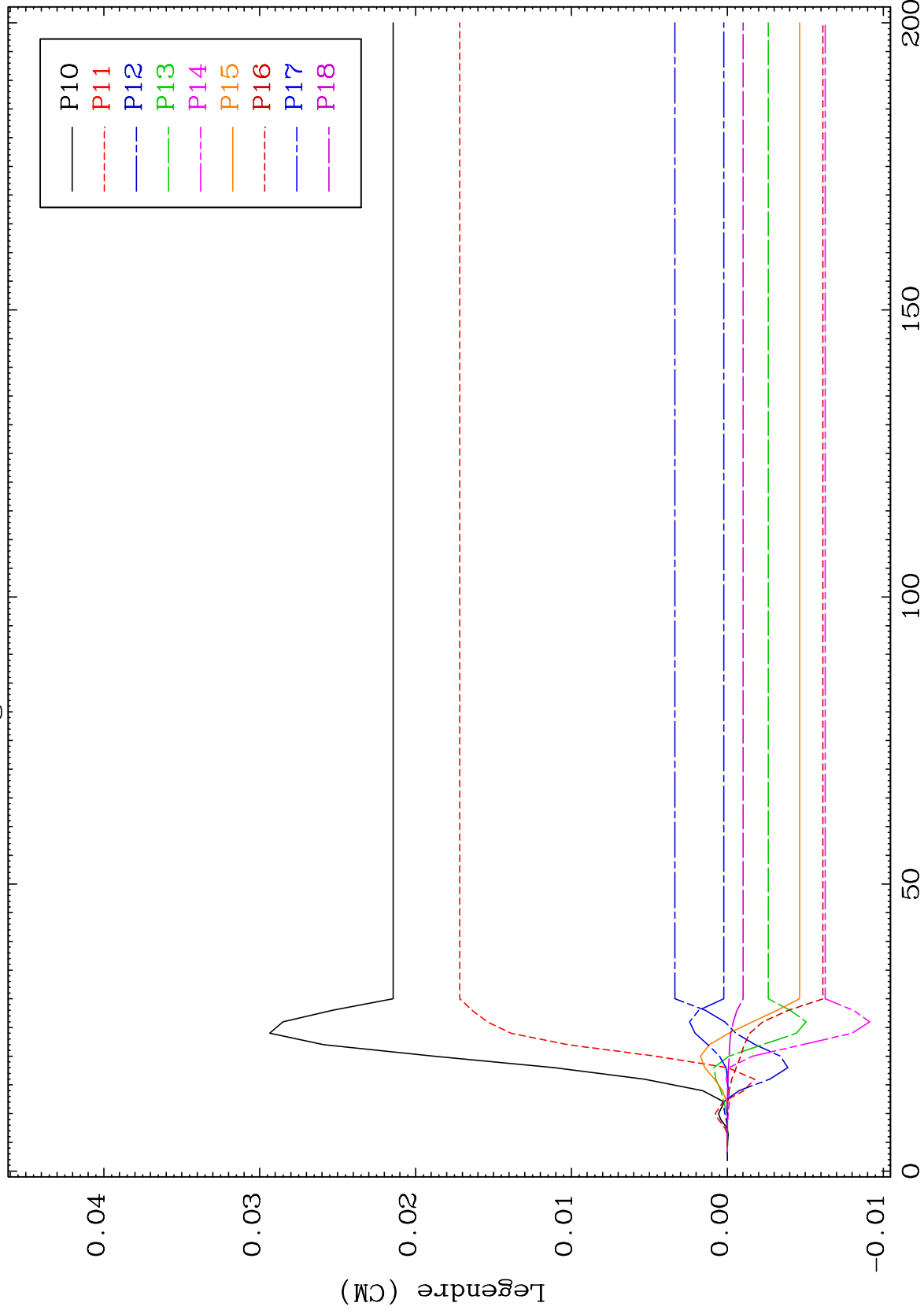
Incident Energy (MeV)

84

MAT 6825

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

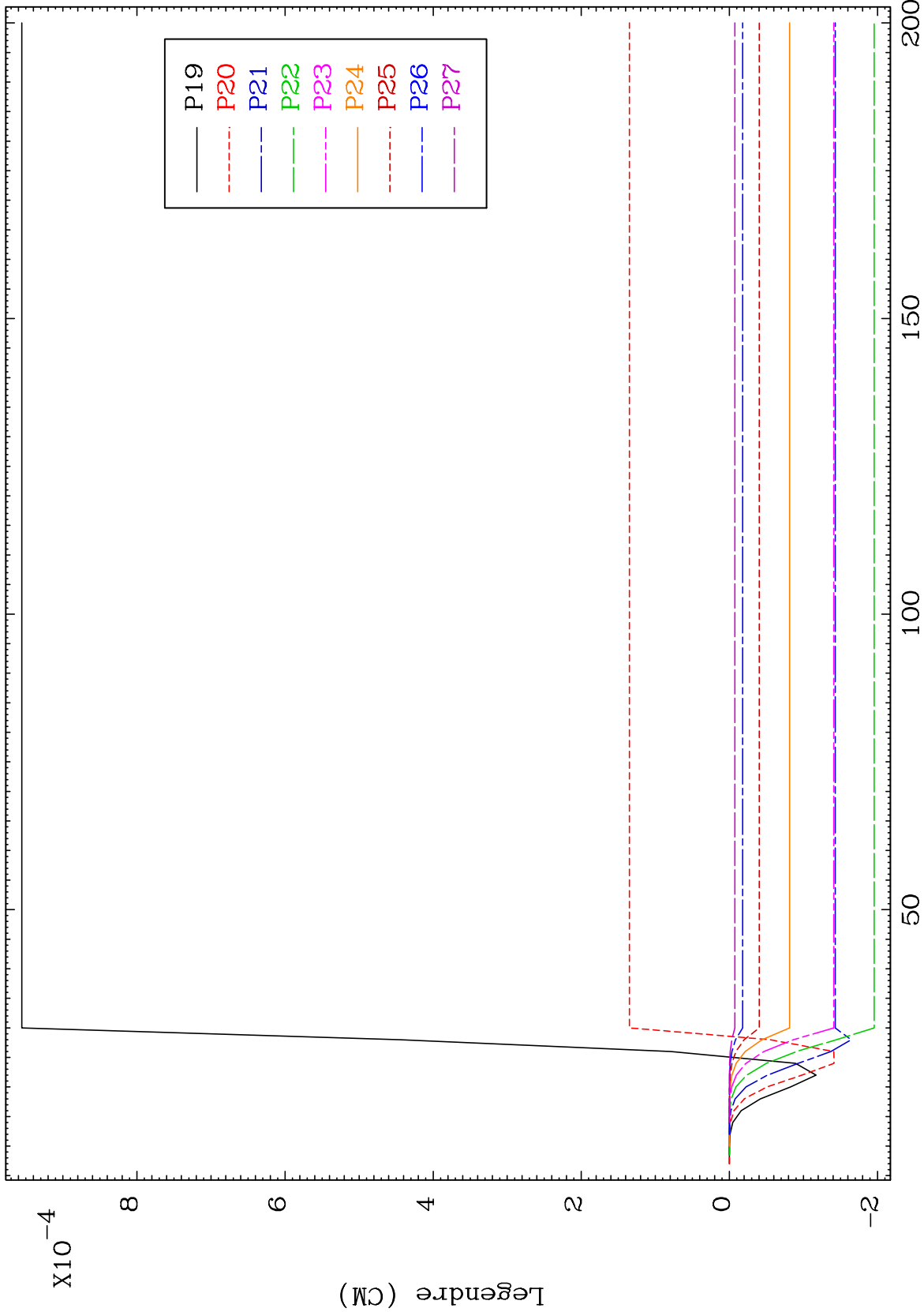
68-Er-162

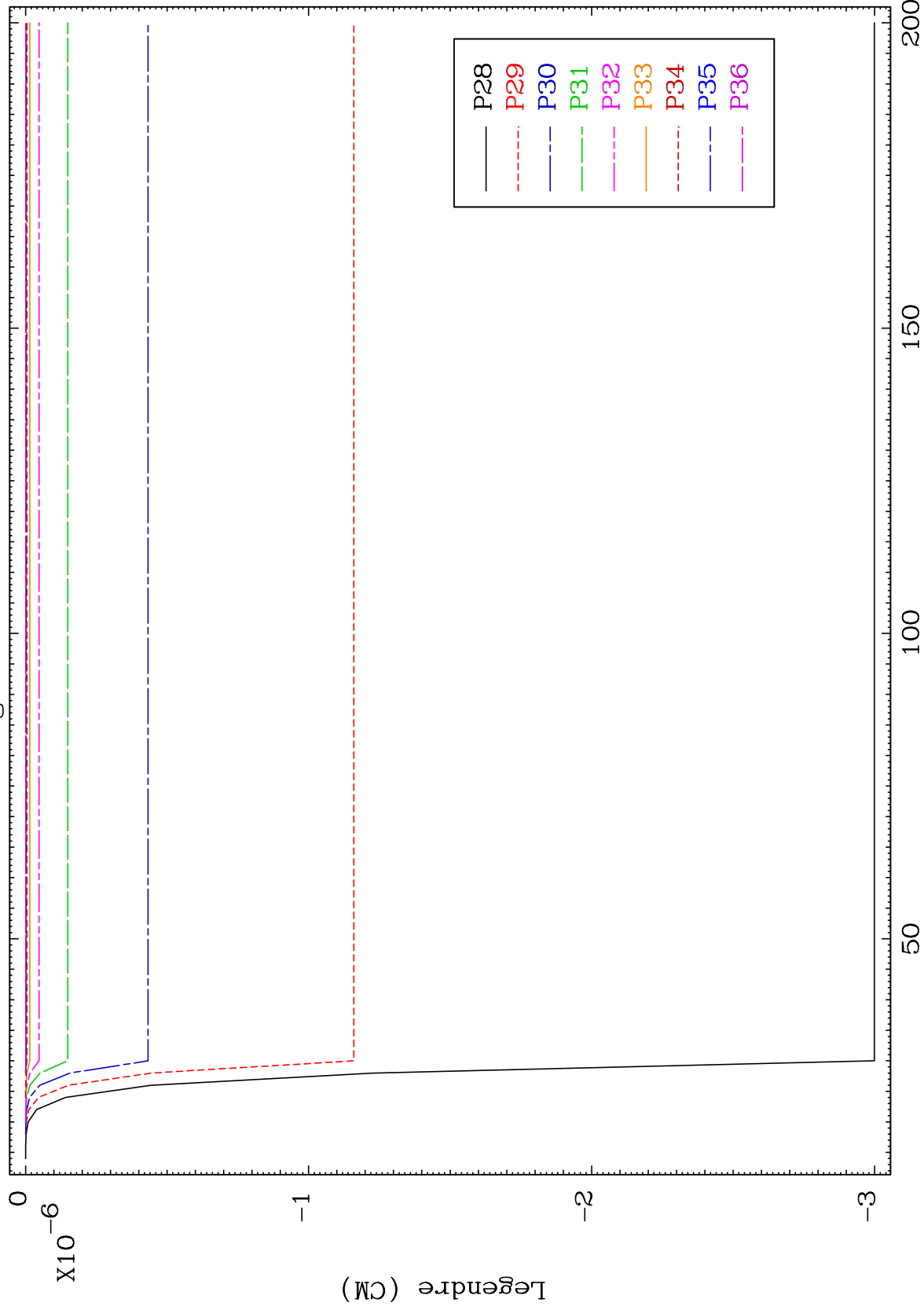


85

Incident Energy (MeV)

68-Er-162

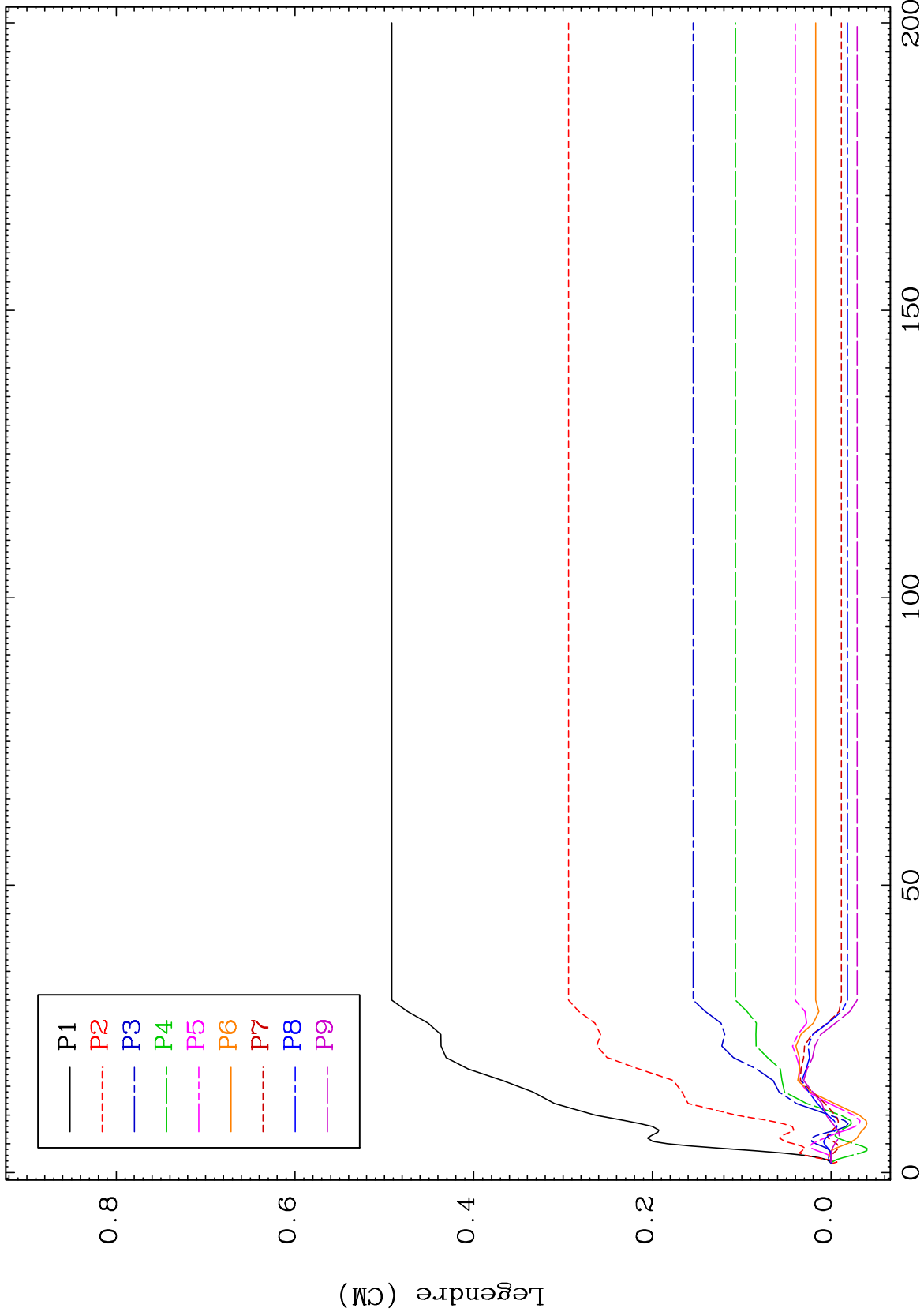




MAT 6825

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

68-Er-162



88

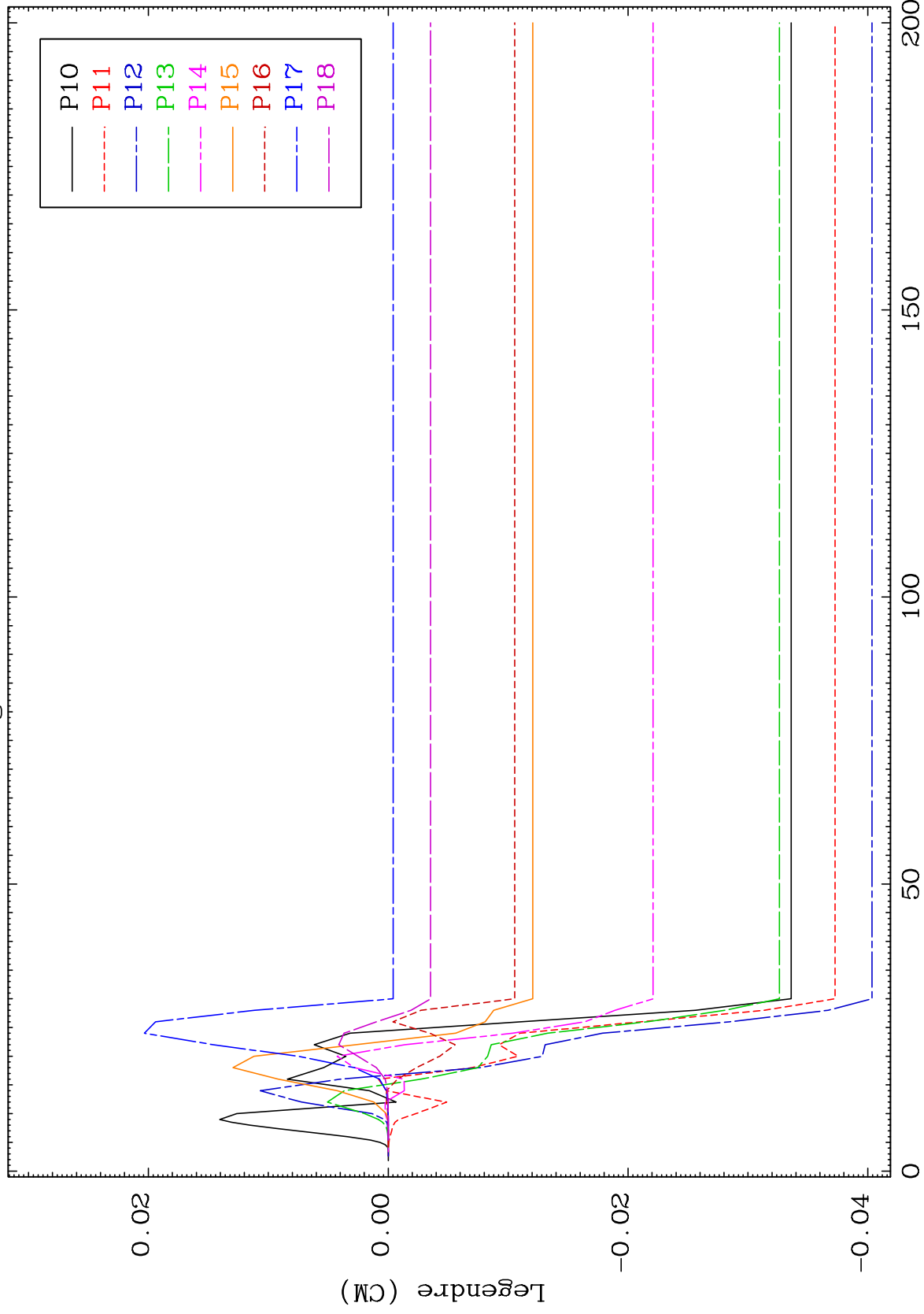
Incident Energy (MeV)

68-Er-162

MAT 6825

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

68-Er-162



89

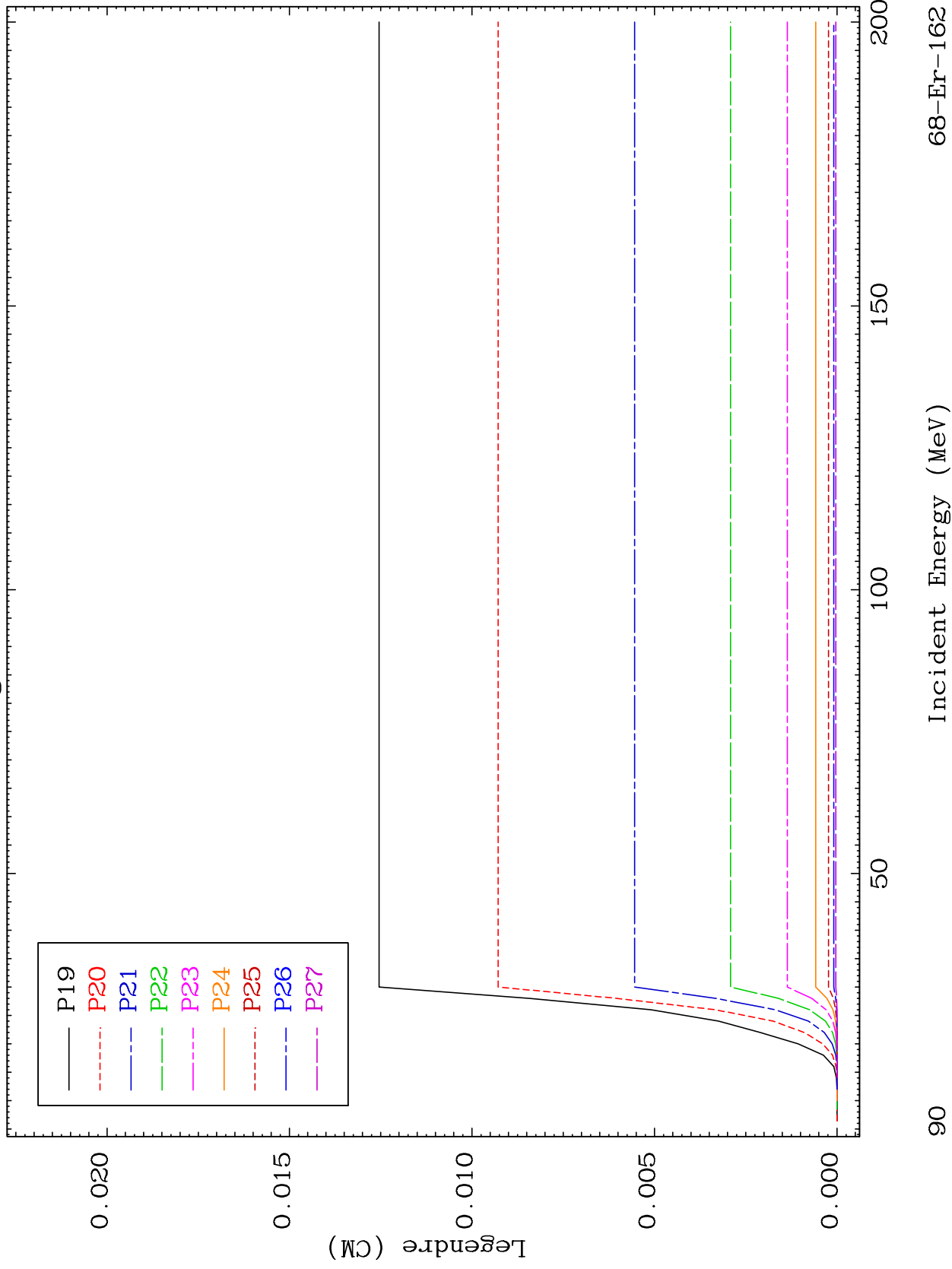
Incident Energy (MeV)

68-Er-162

MAT 6825

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

68-Er-162



68-Er-162

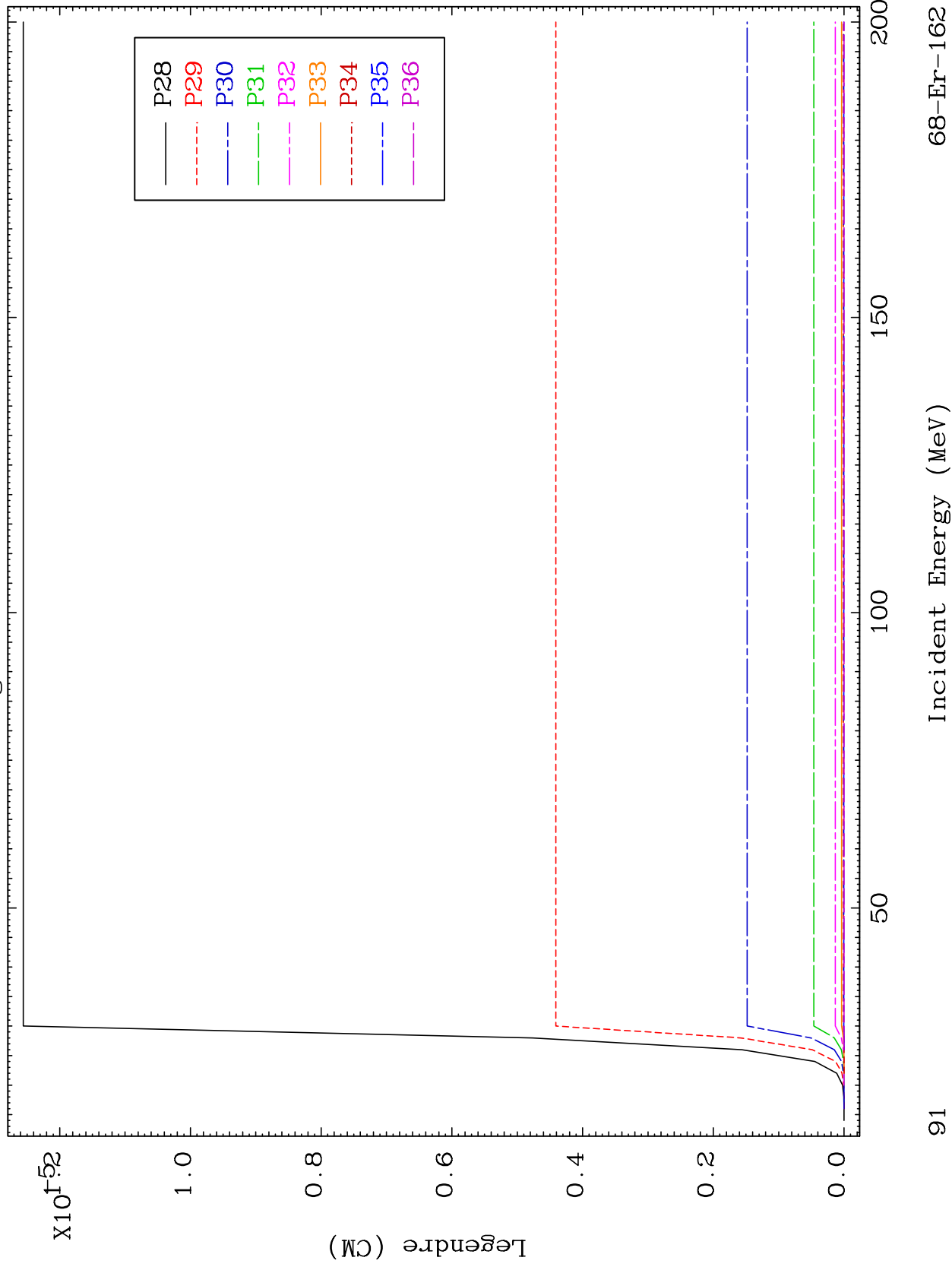
Incident Energy (MeV)

90

MAT 6825

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

68-Er-162



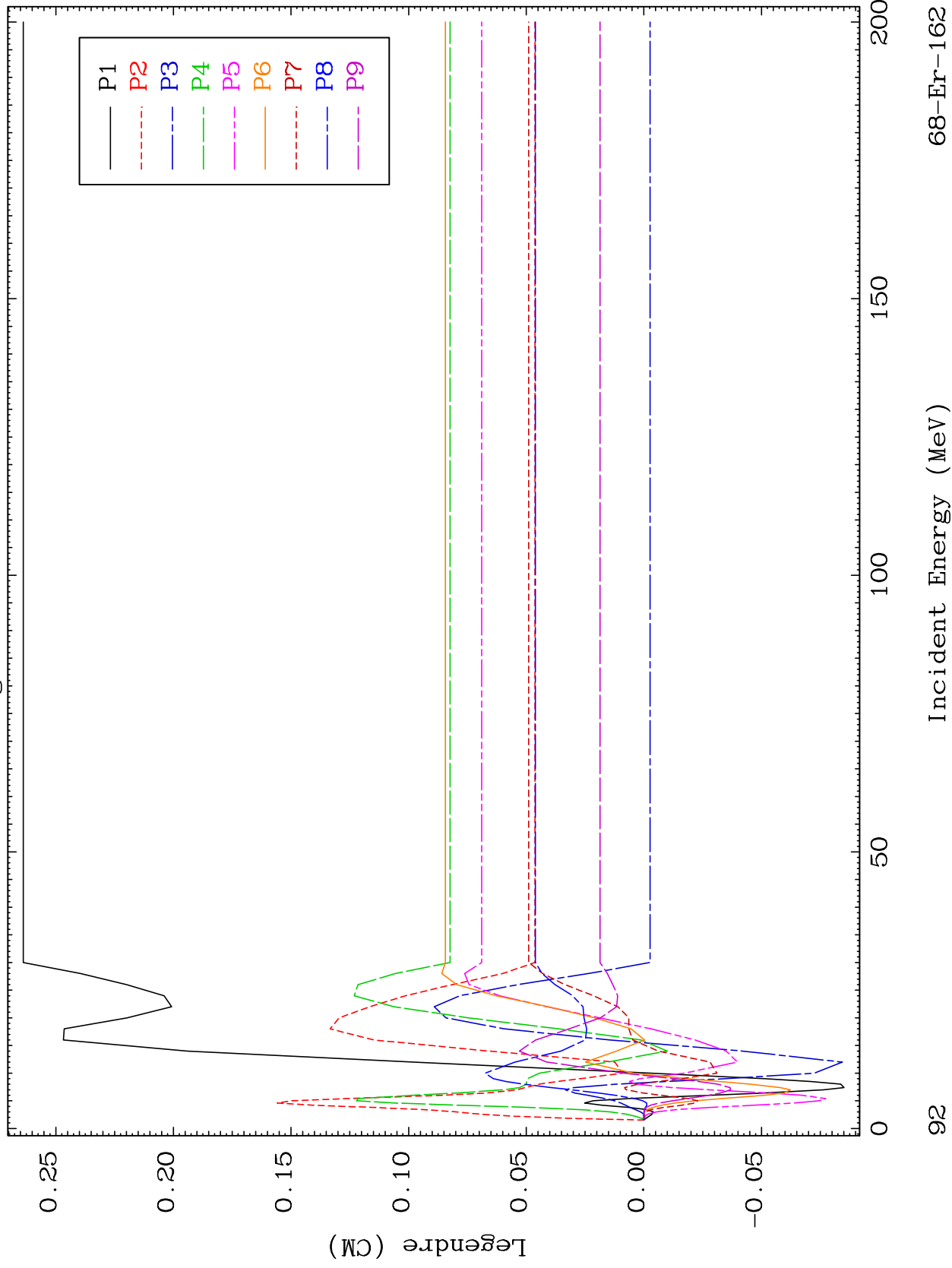
91

68-Er-162

MAT 6825

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

68-Er-162



68-Er-162

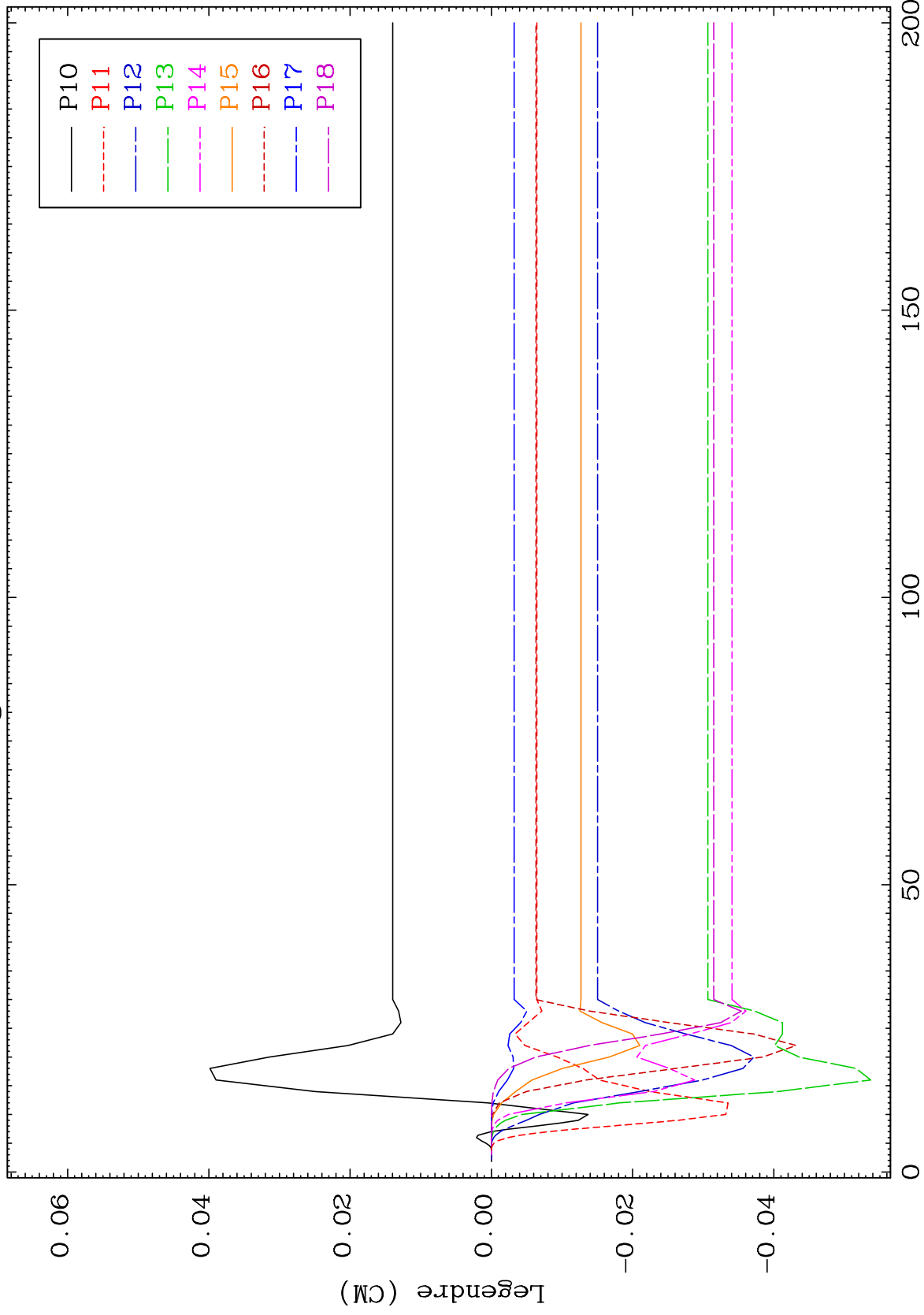
Incident Energy (MeV)

92

MAT 6825

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

68-Er-162



93

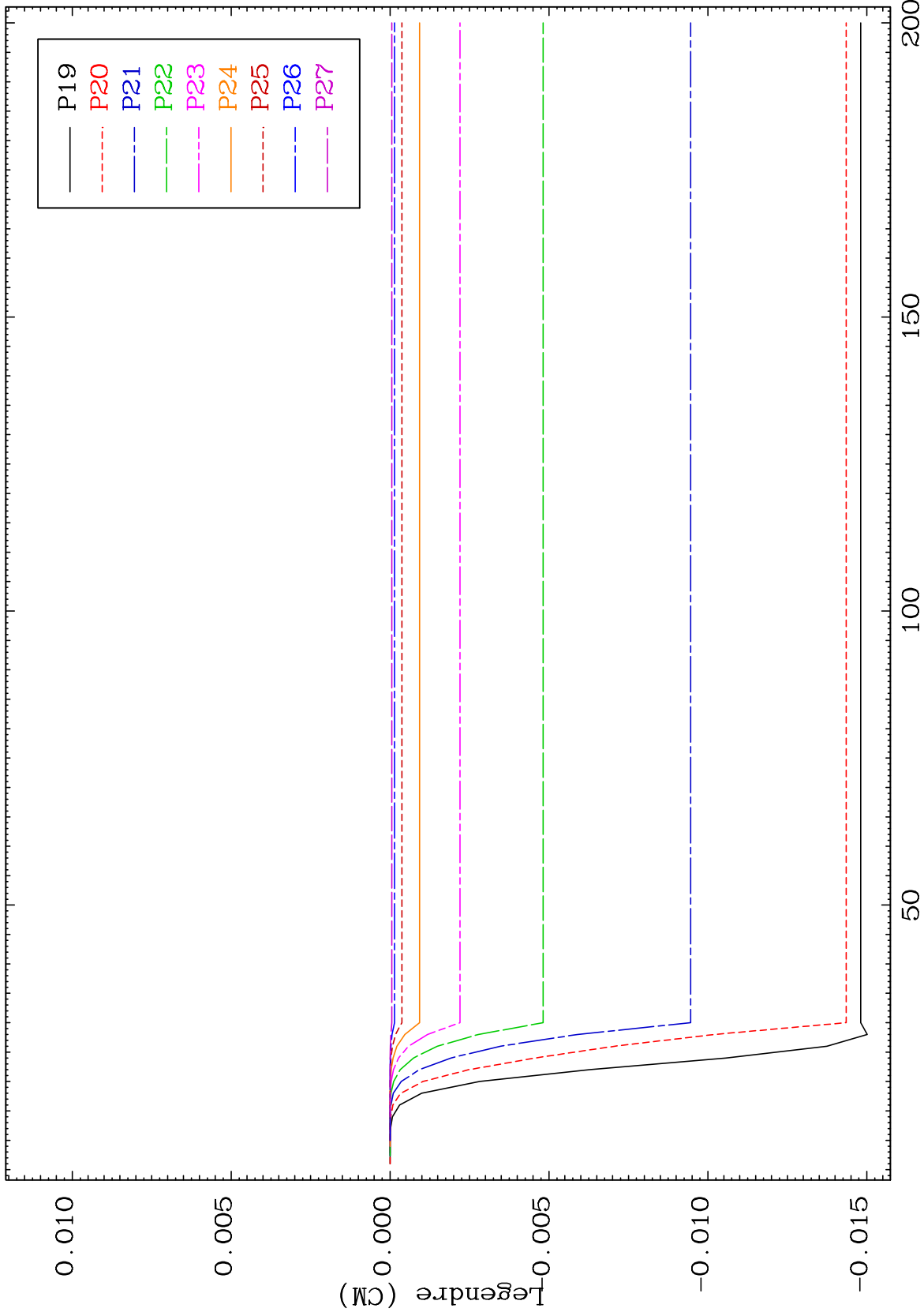
Incident Energy (MeV)

68-Er-162

MAT 6825

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

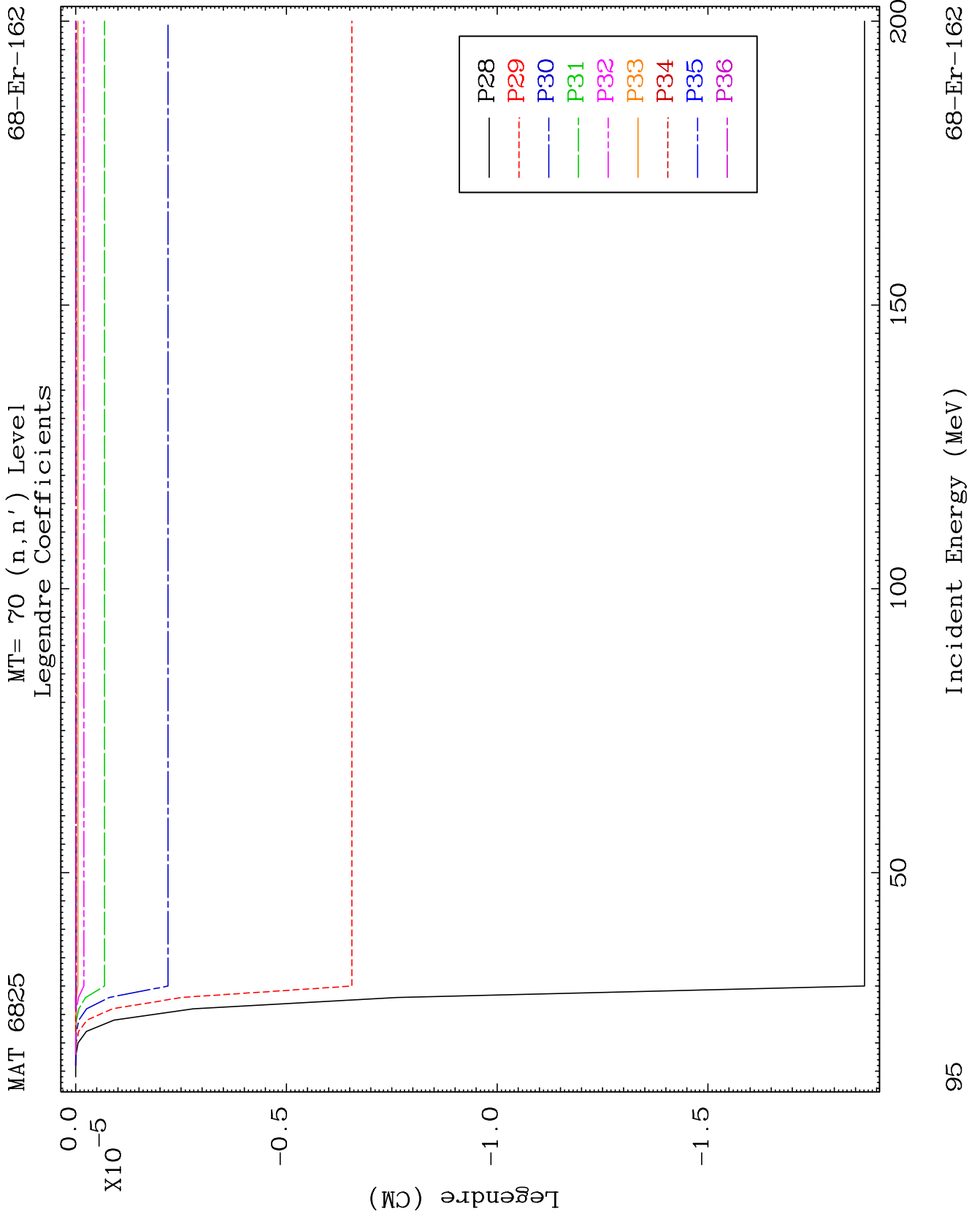
68-Er-162

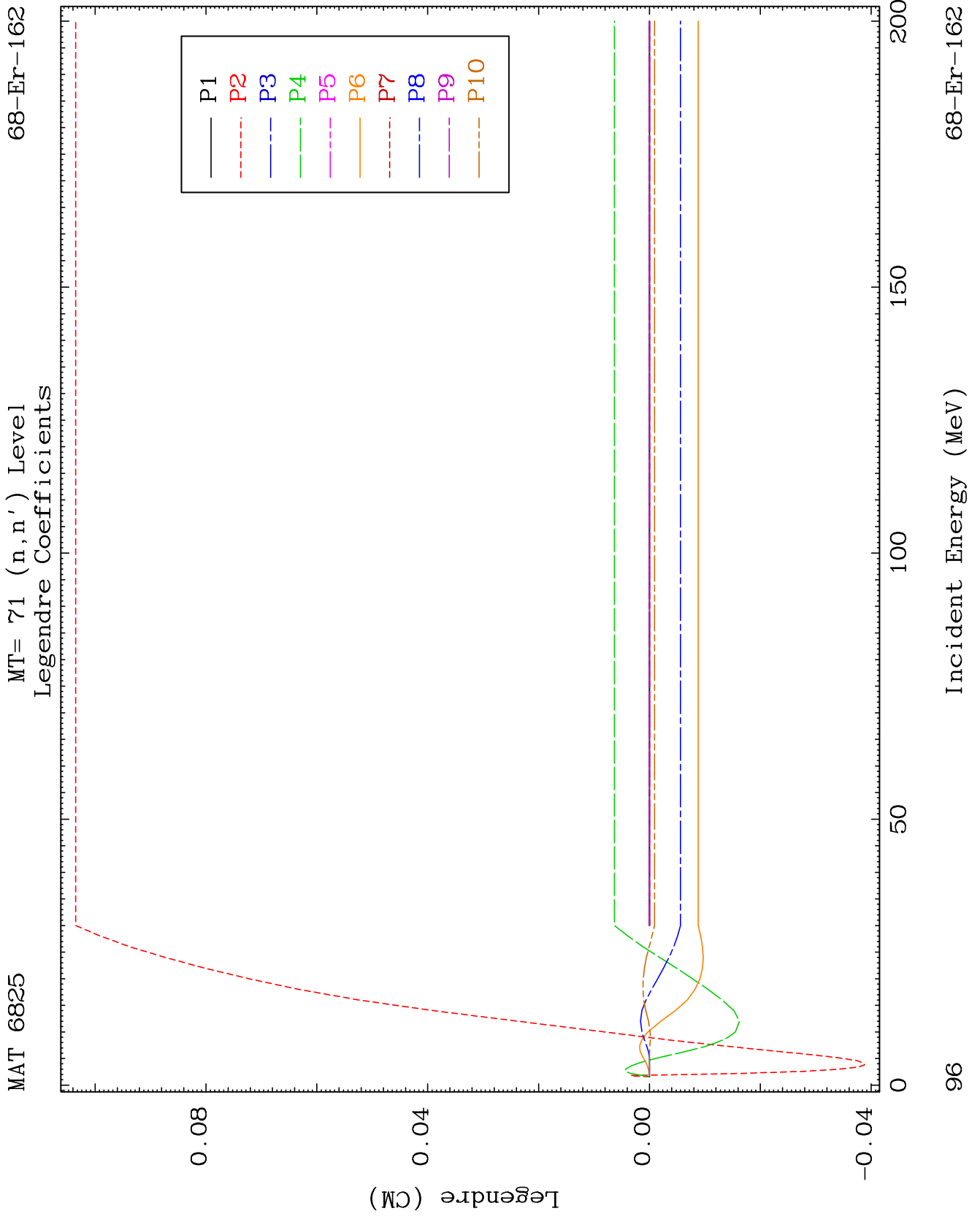


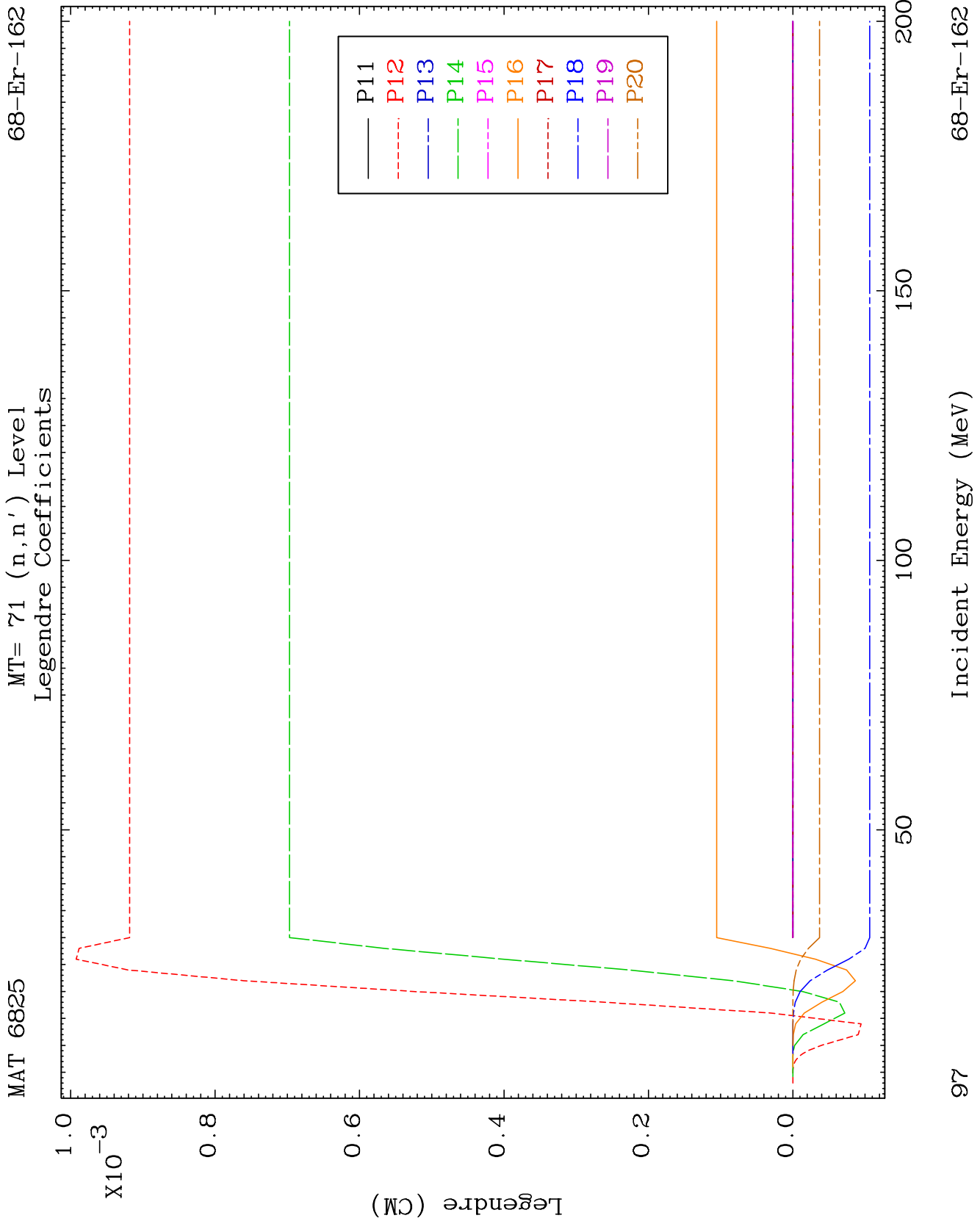
94

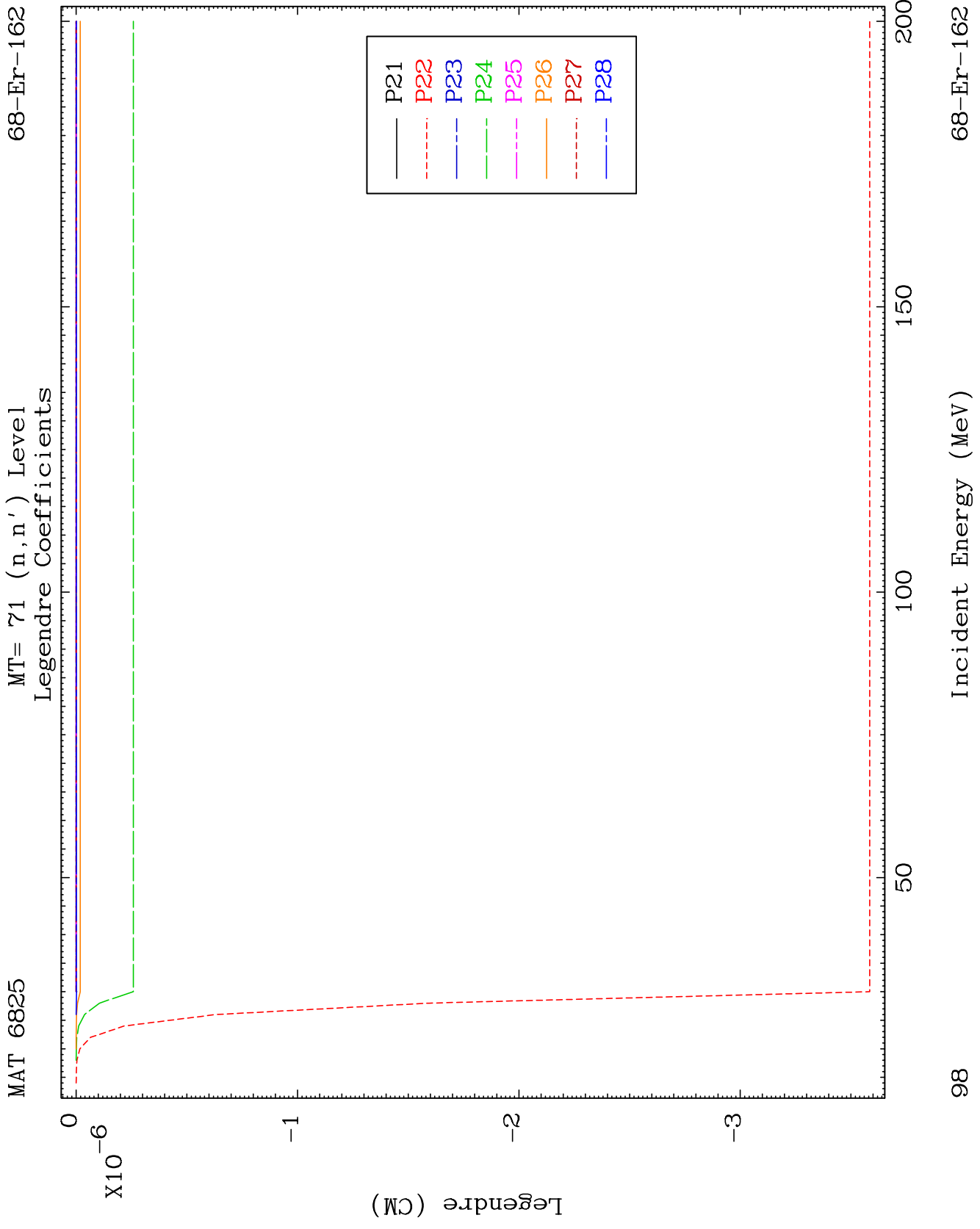
Incident Energy (MeV)

68-Er-162





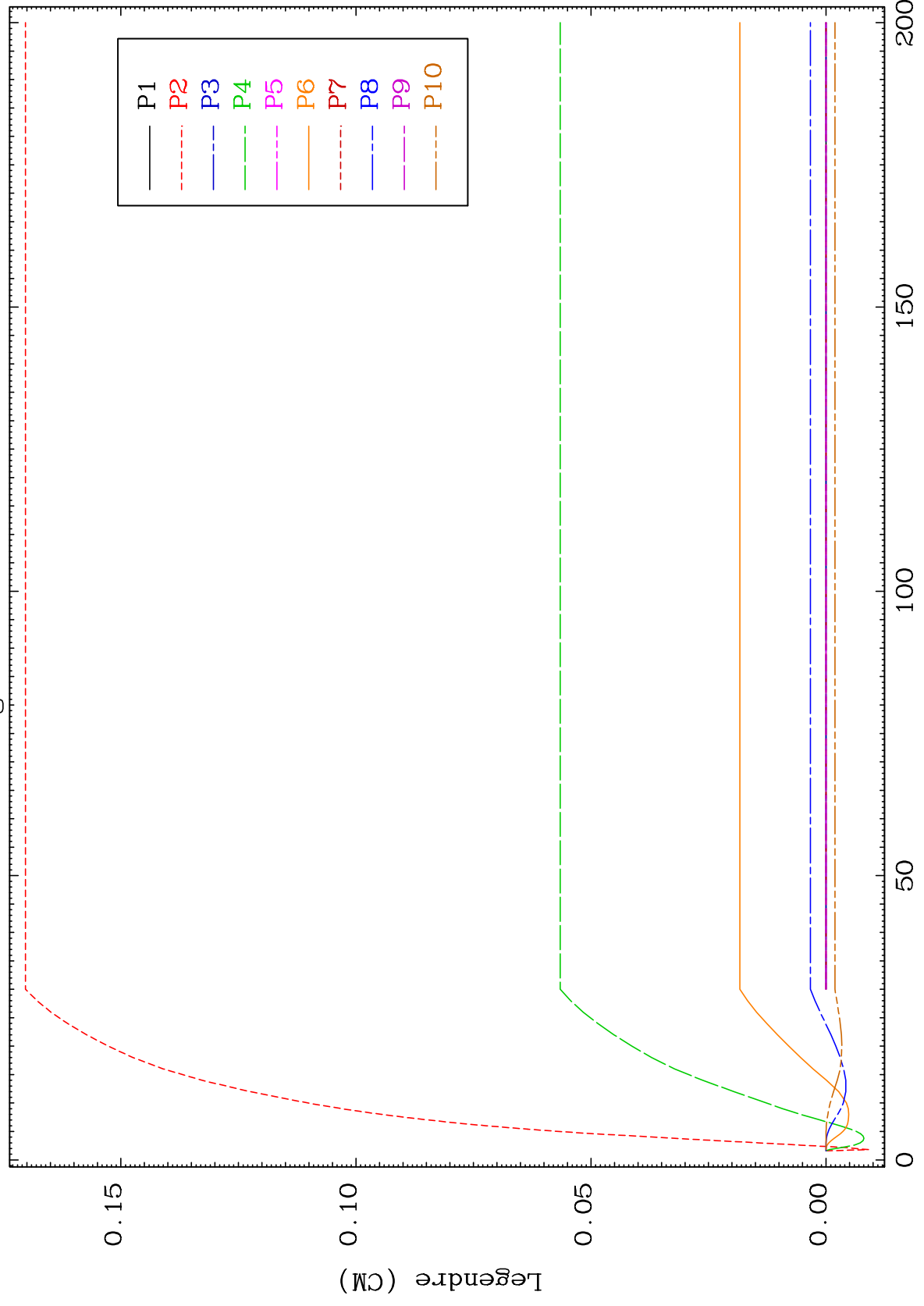




MAT 6825

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

68-Er-162



99

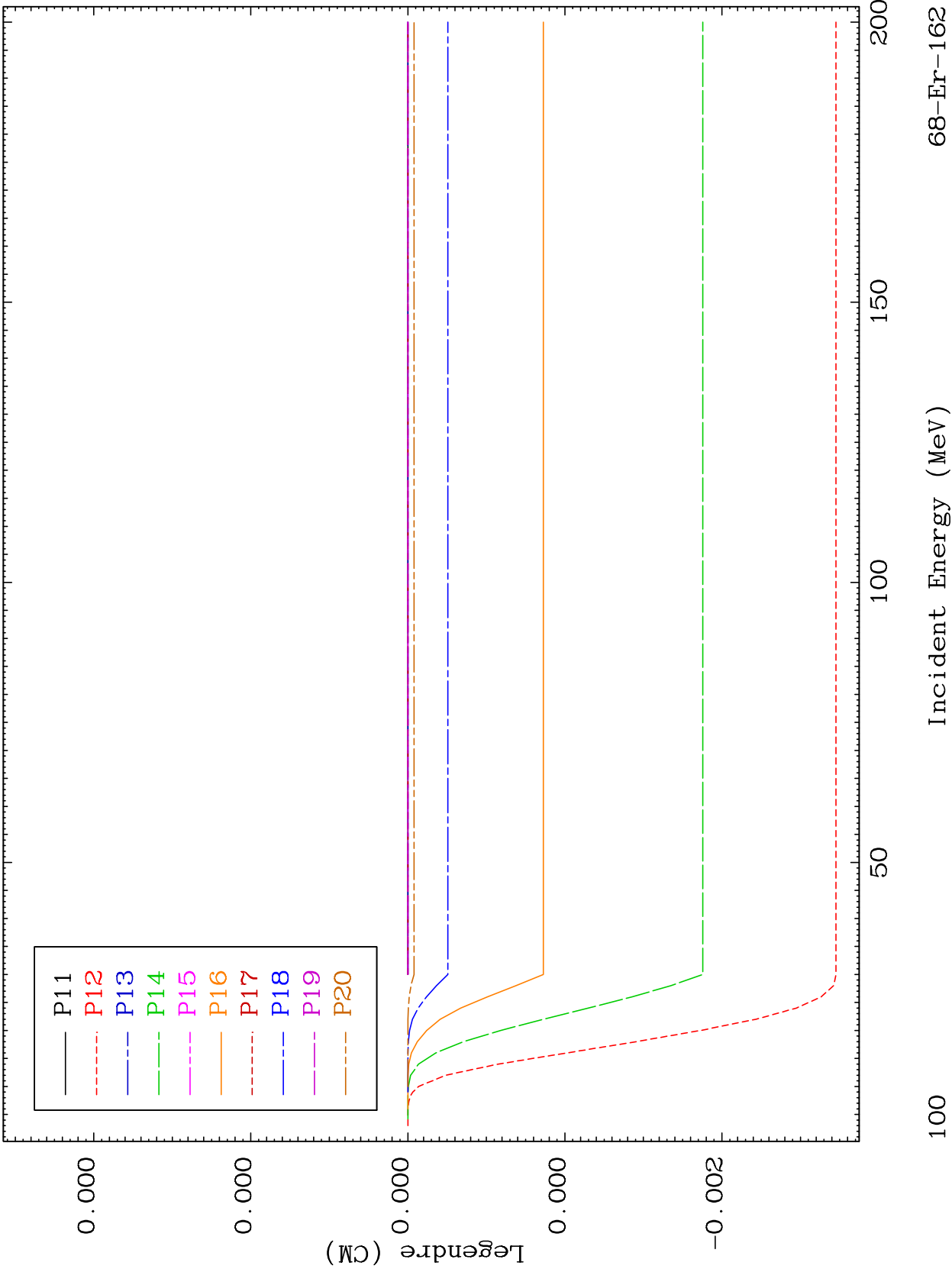
Incident Energy (MeV)

68-Er-162

MAT 6825

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

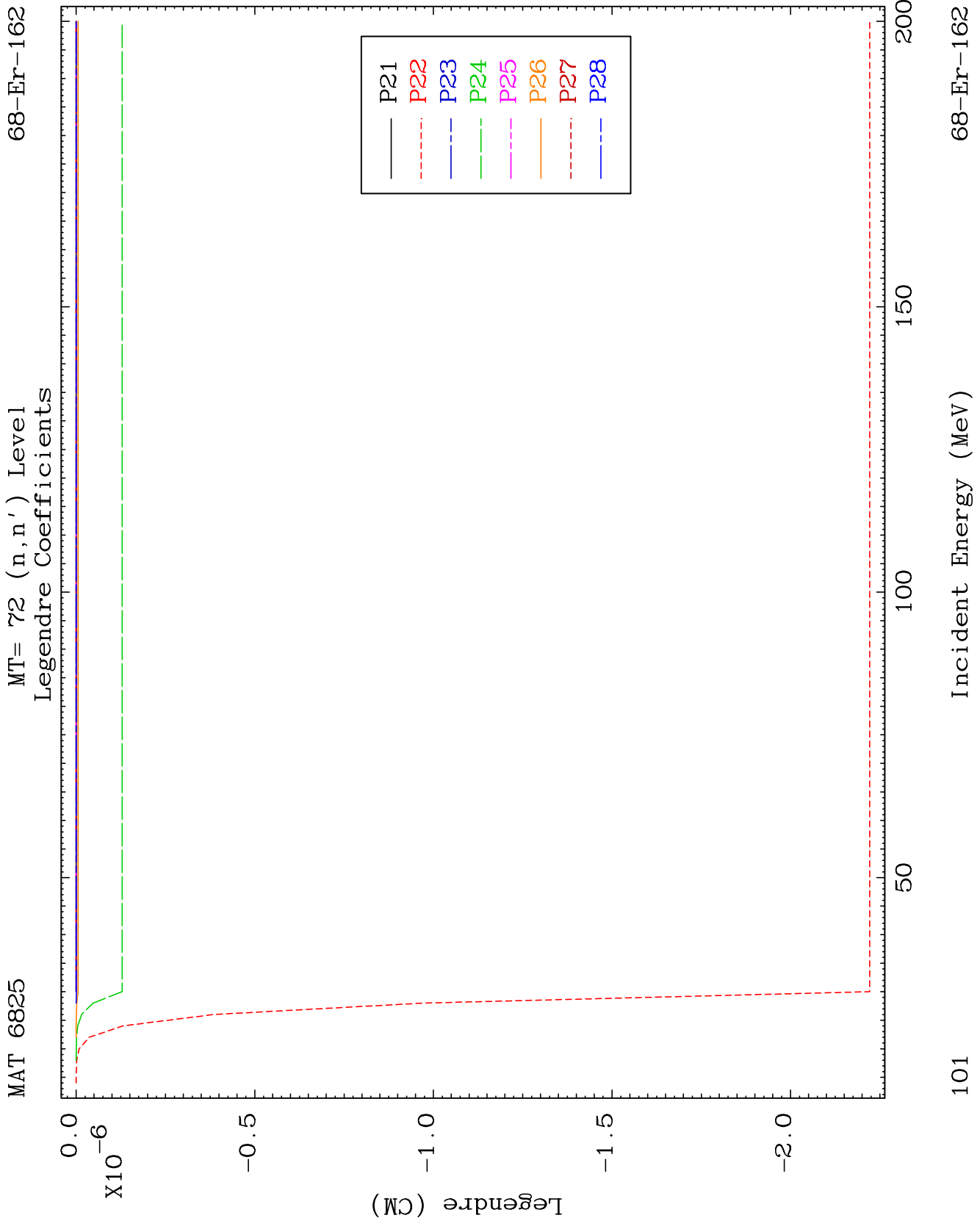
68-Er-162



68-Er-162

Incident Energy (MeV)

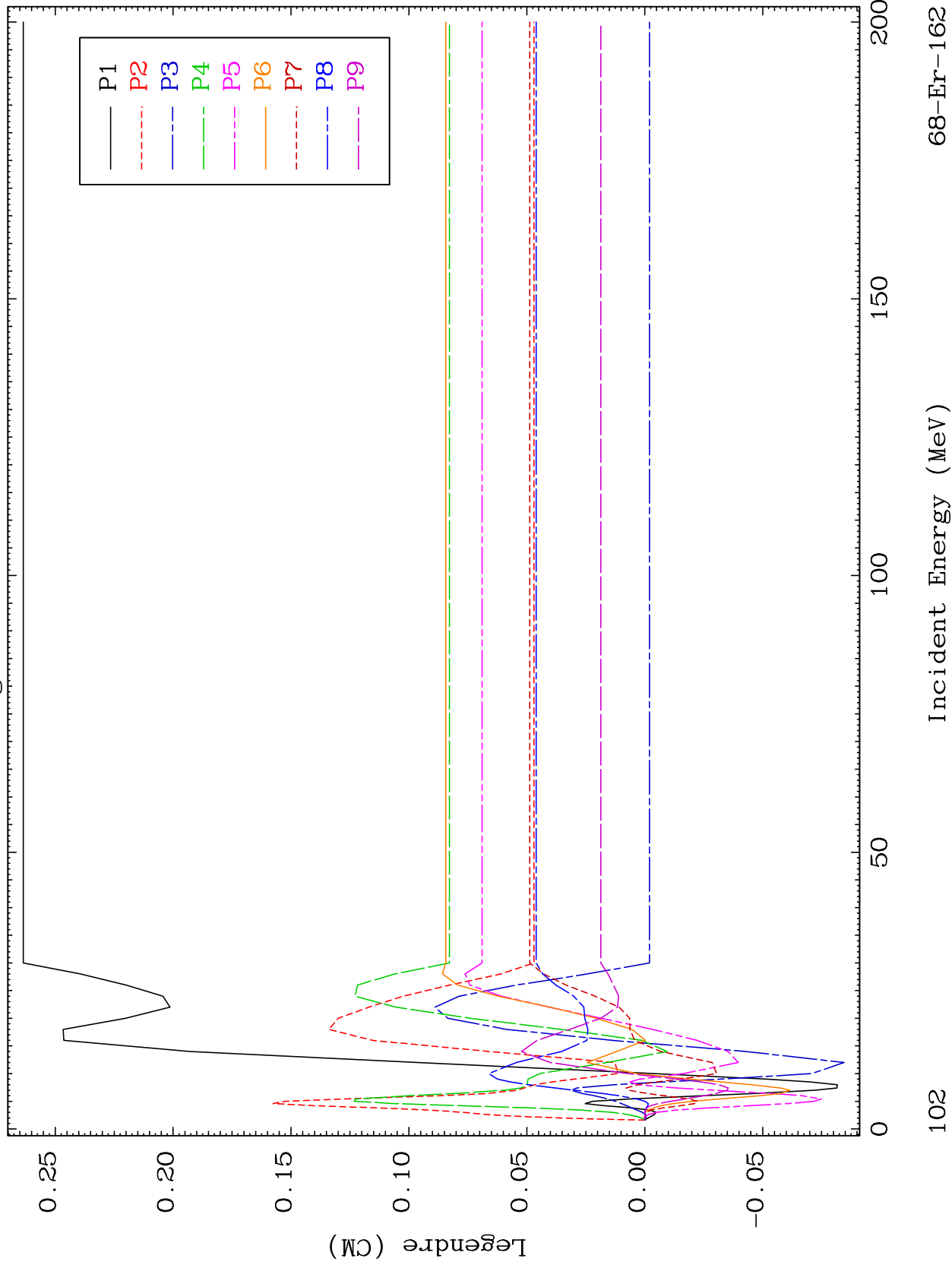
100



MAT 6825

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

68-Er-162



68-Er-162

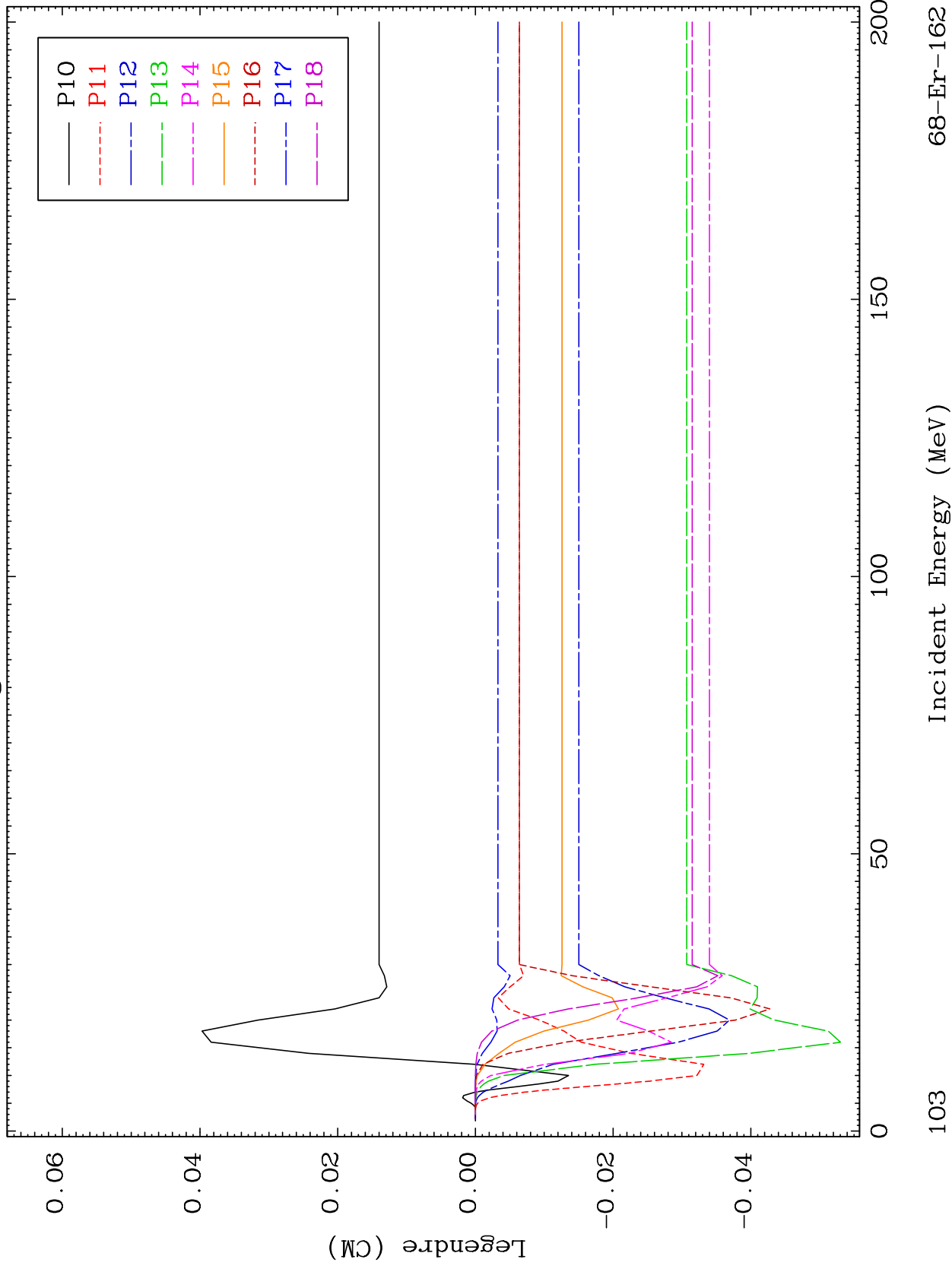
Incident Energy (MeV)

102

MAT 6825

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

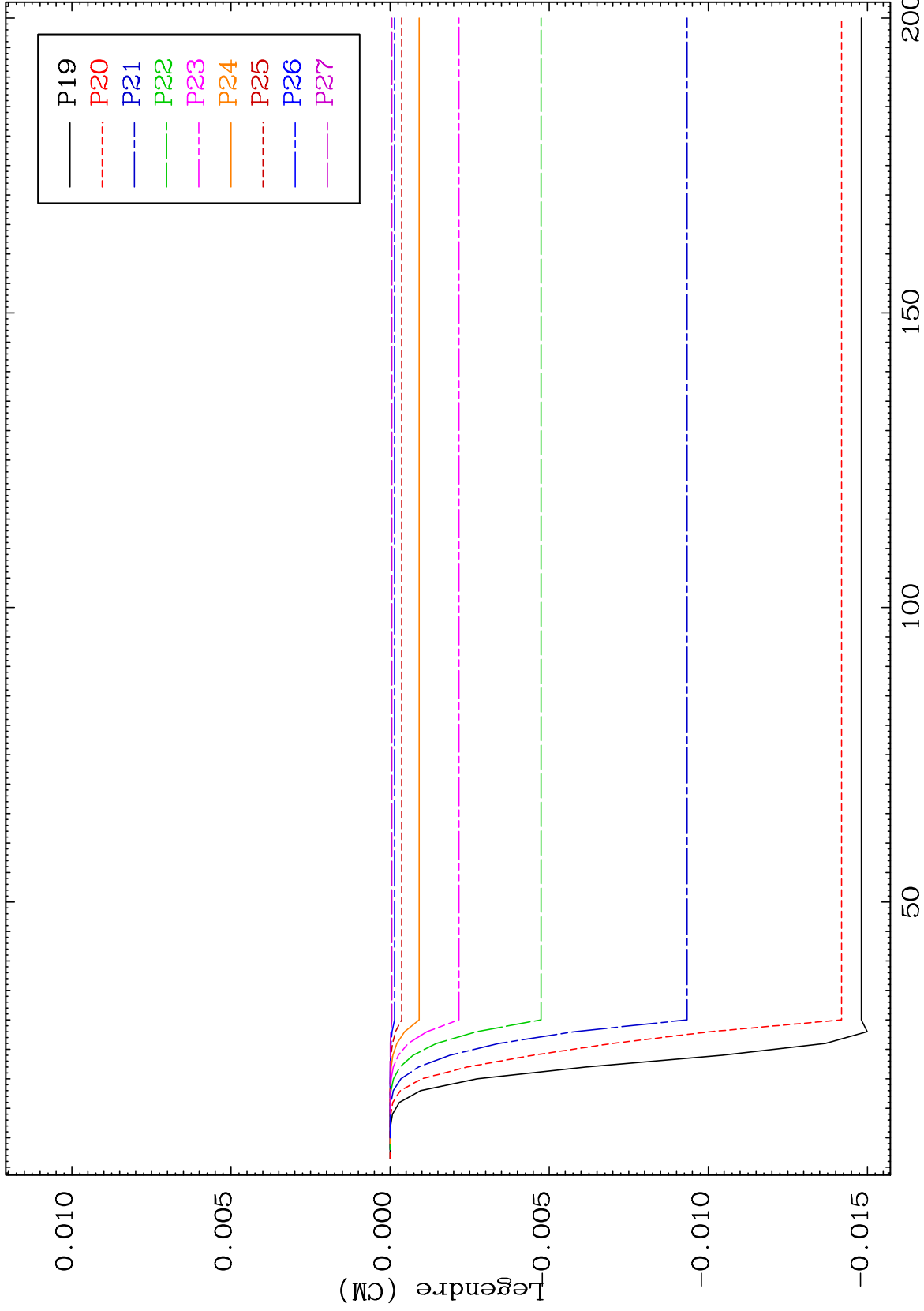
68-Er-162

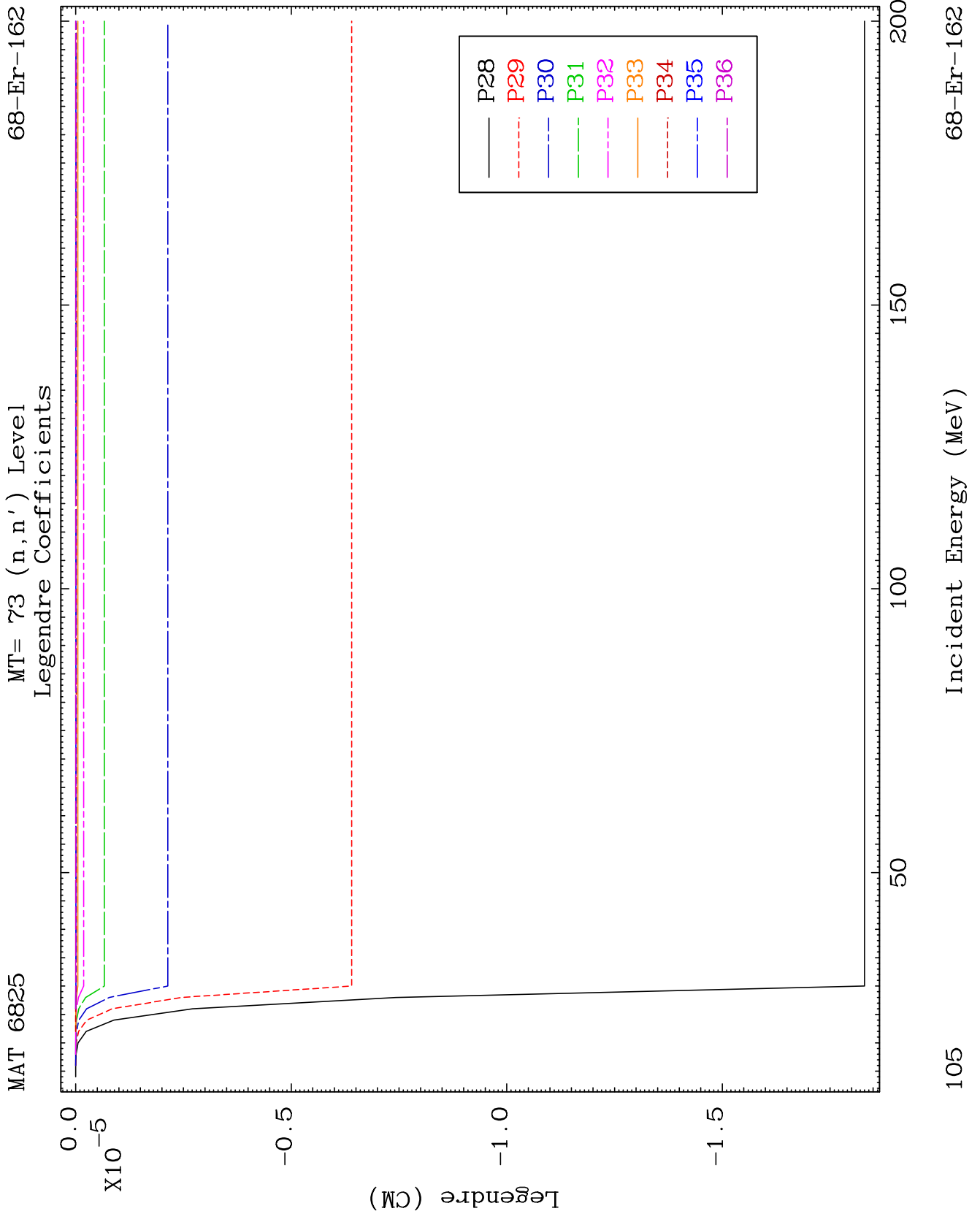


68-Er-162

Incident Energy (MeV)

103

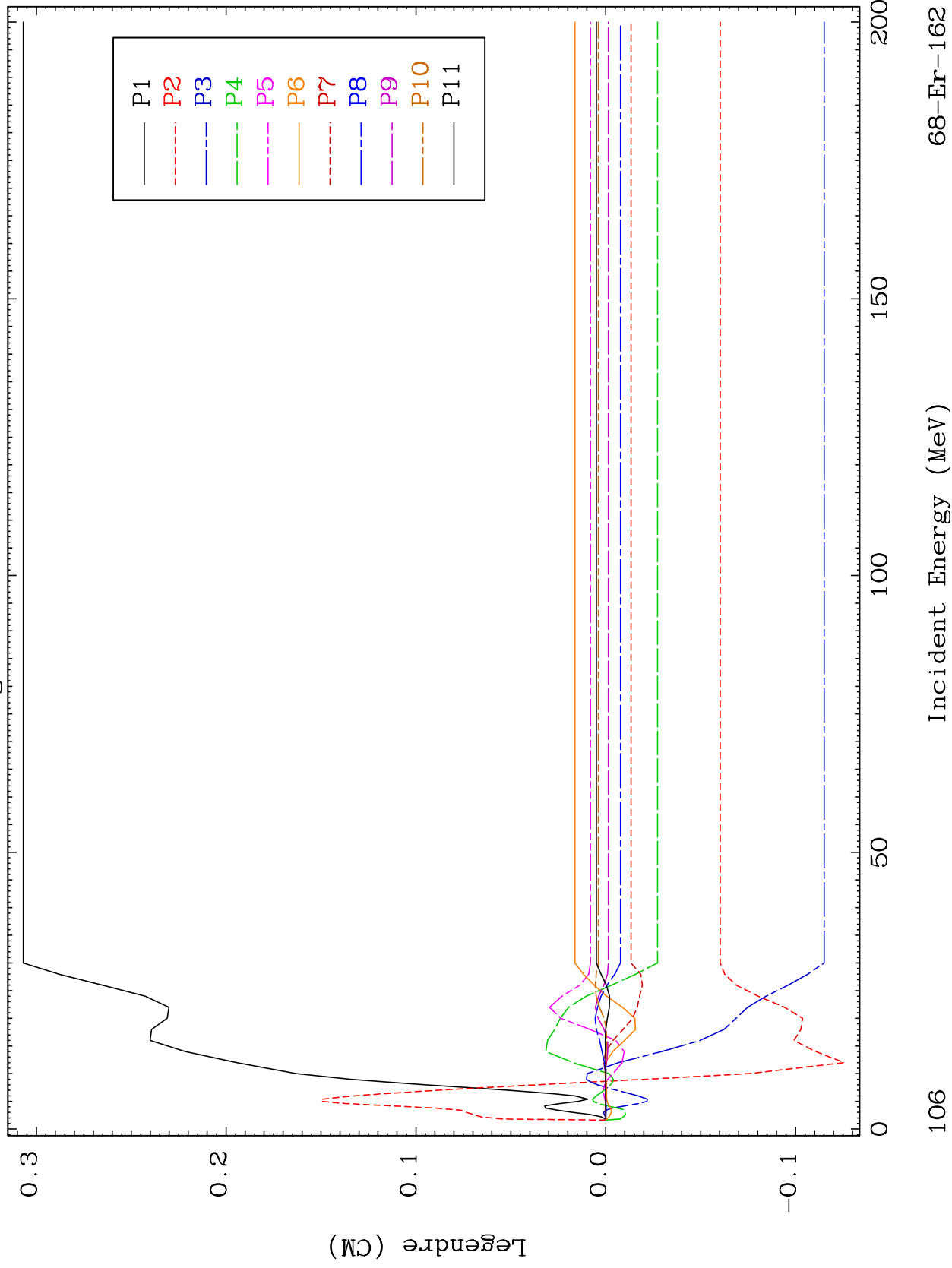




MAT 6825

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

68-Er-162



68-Er-162

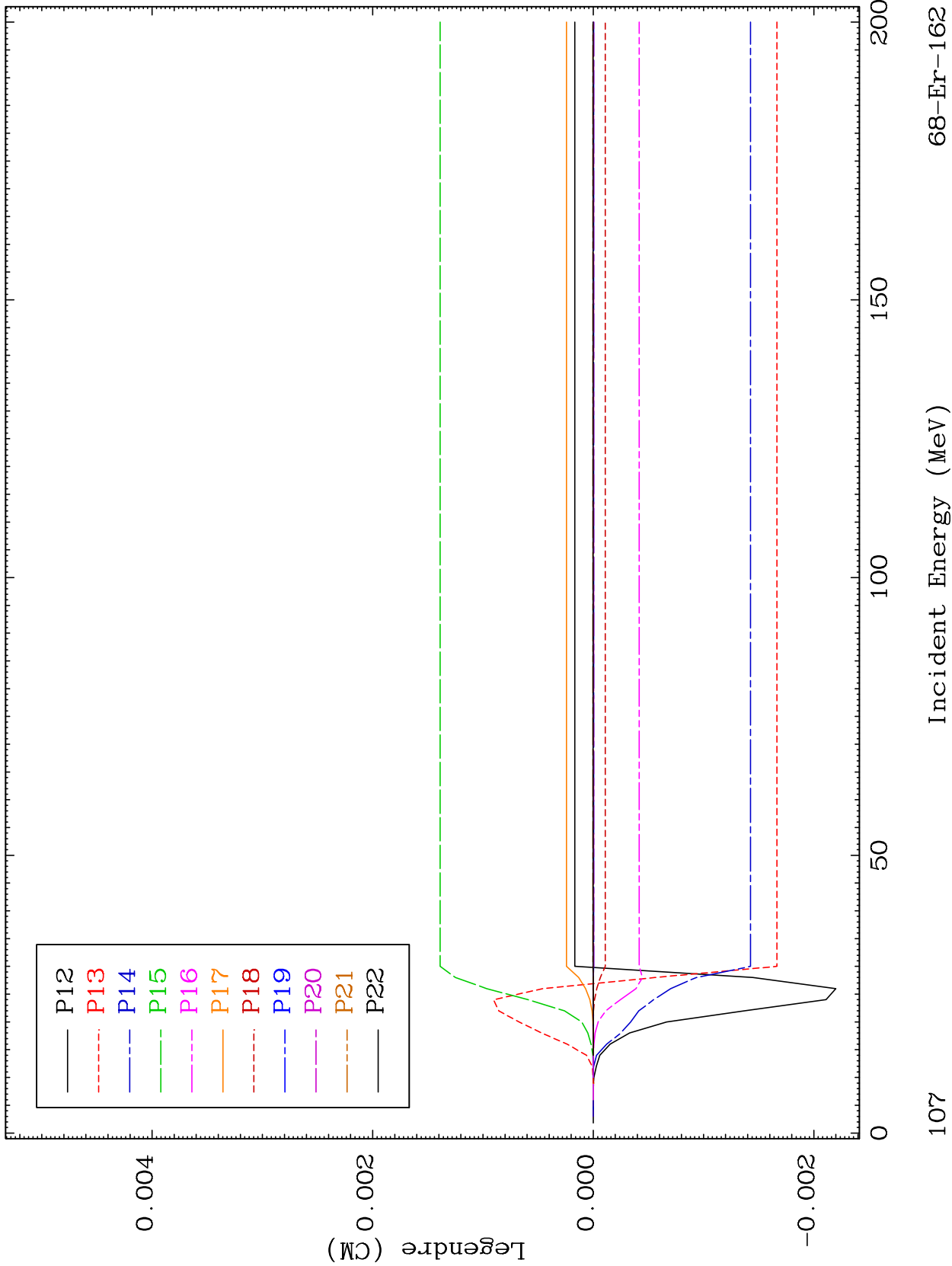
Incident Energy (MeV)

106

MAT 6825

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

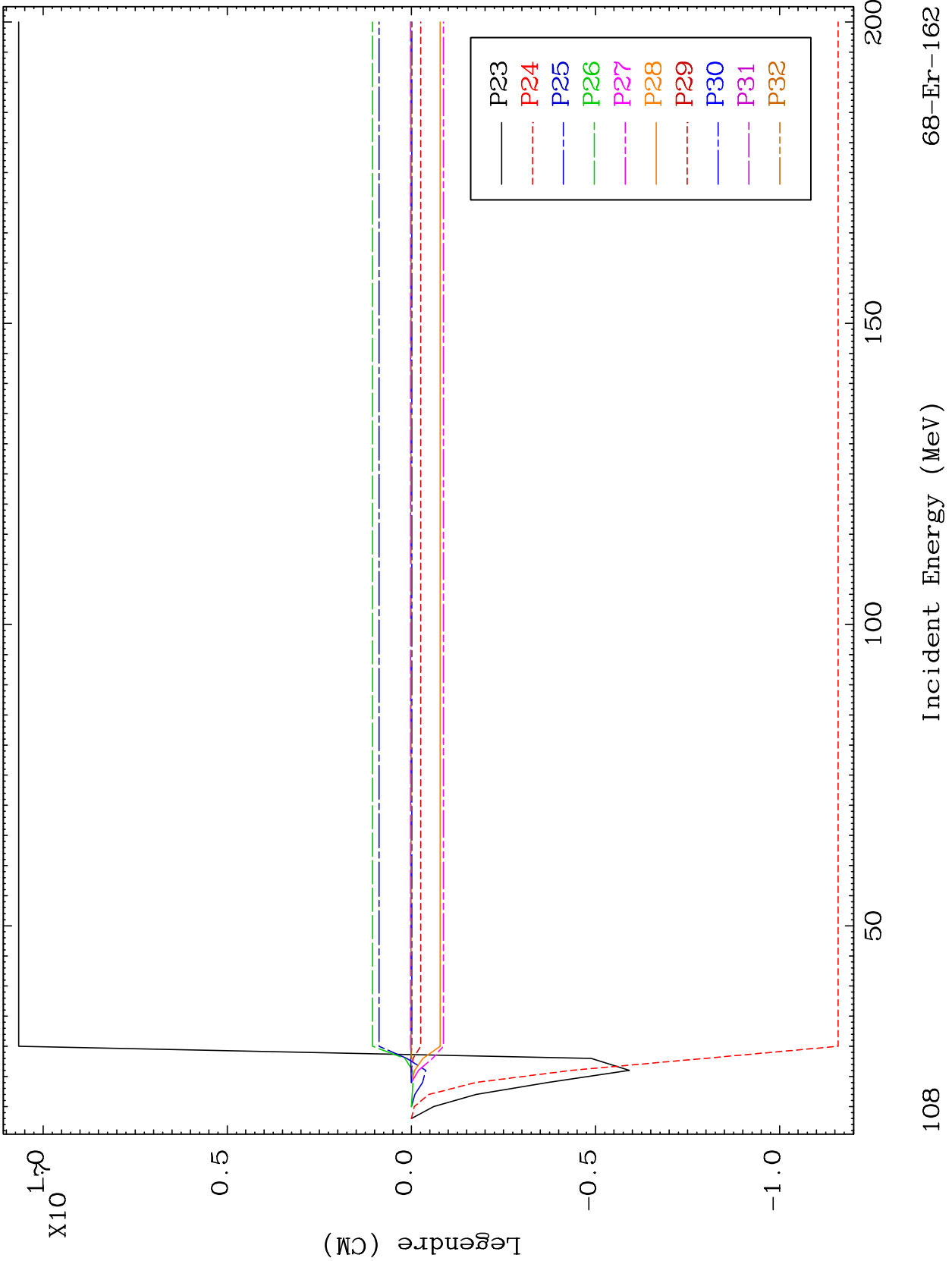
68-Er-162



107

Incident Energy (MeV)

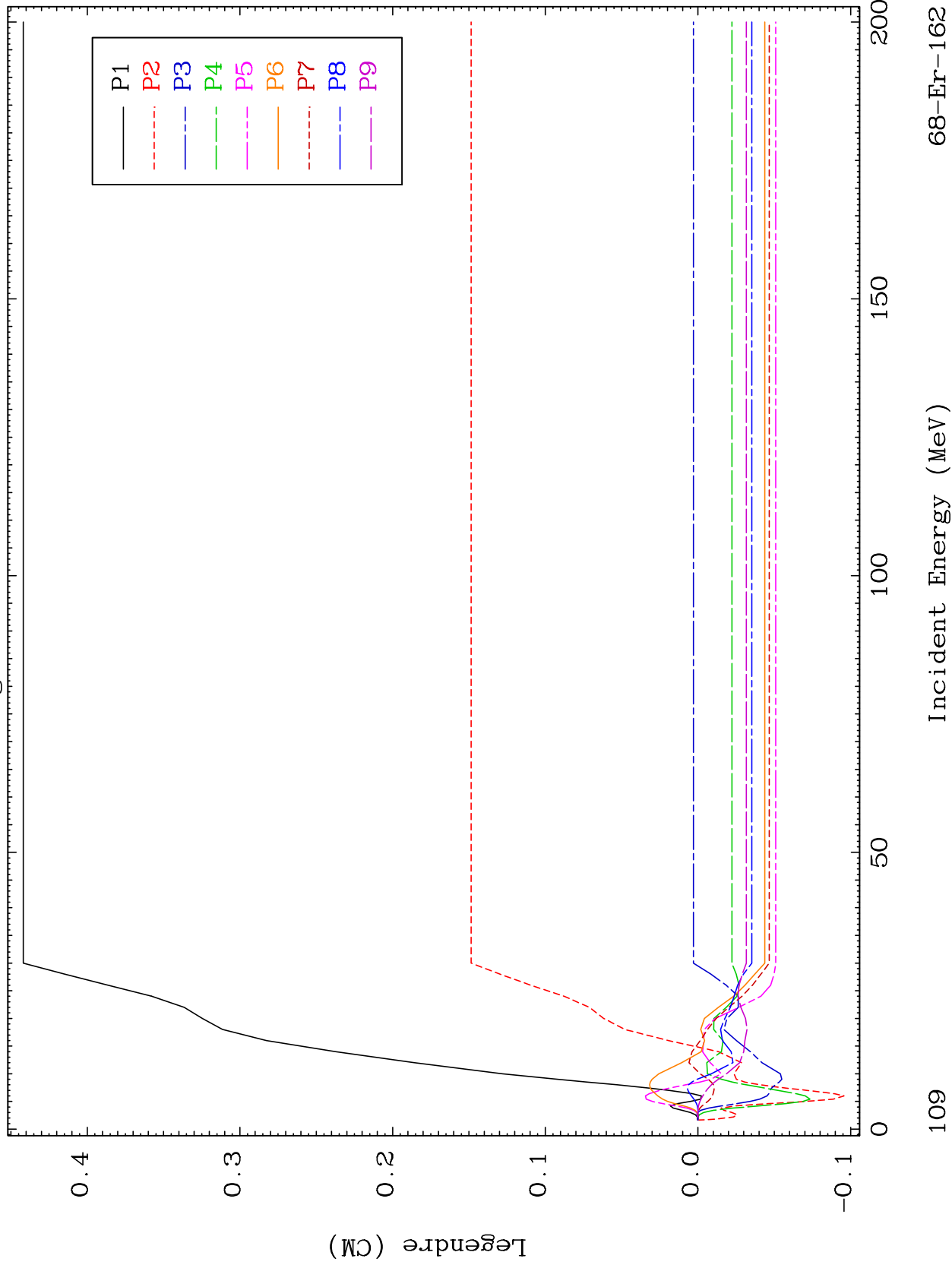
68-Er-162



MAT 6825

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

68-Er-162



68-Er-162

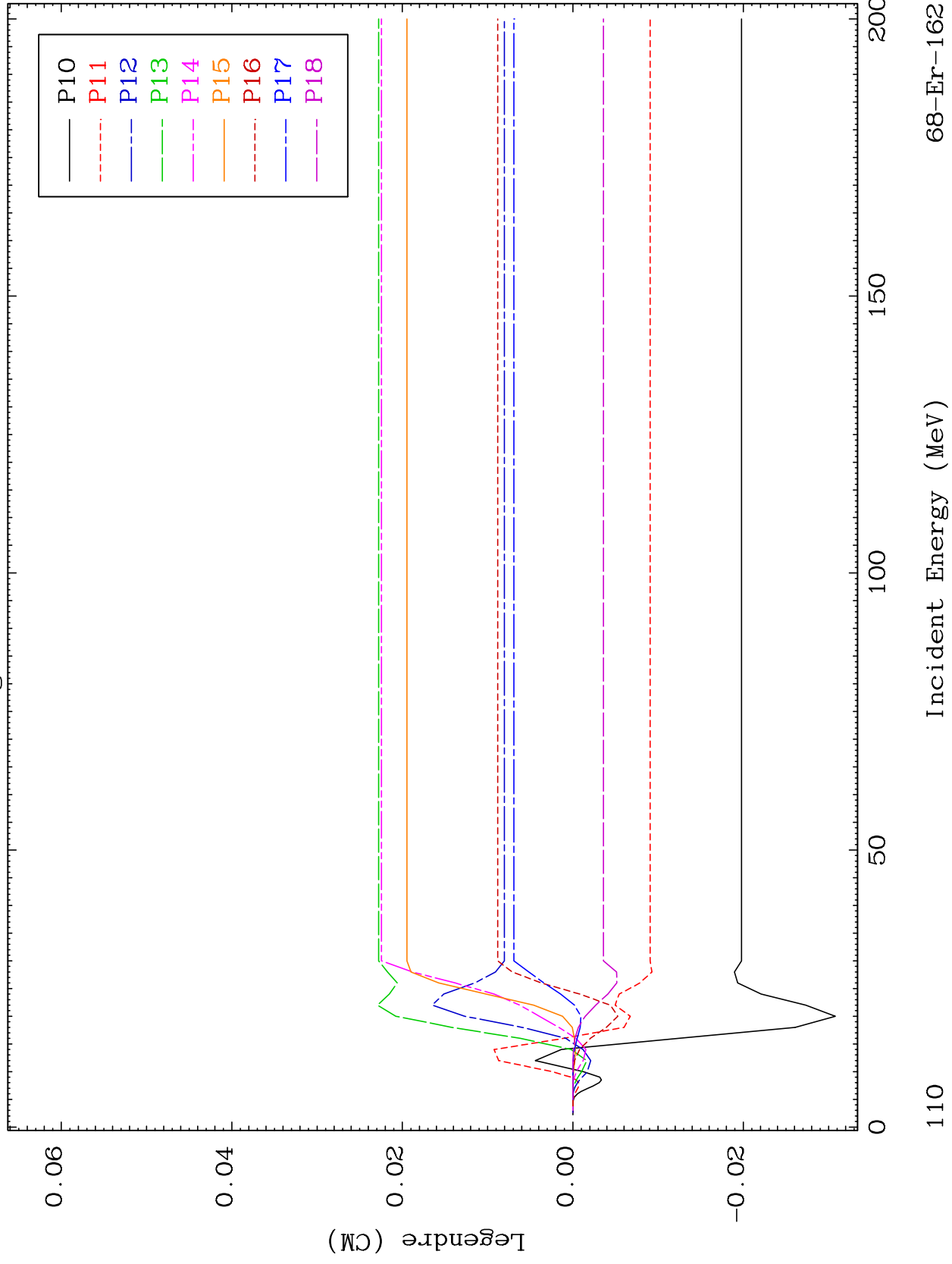
Incident Energy (MeV)

109

MAT 6825

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

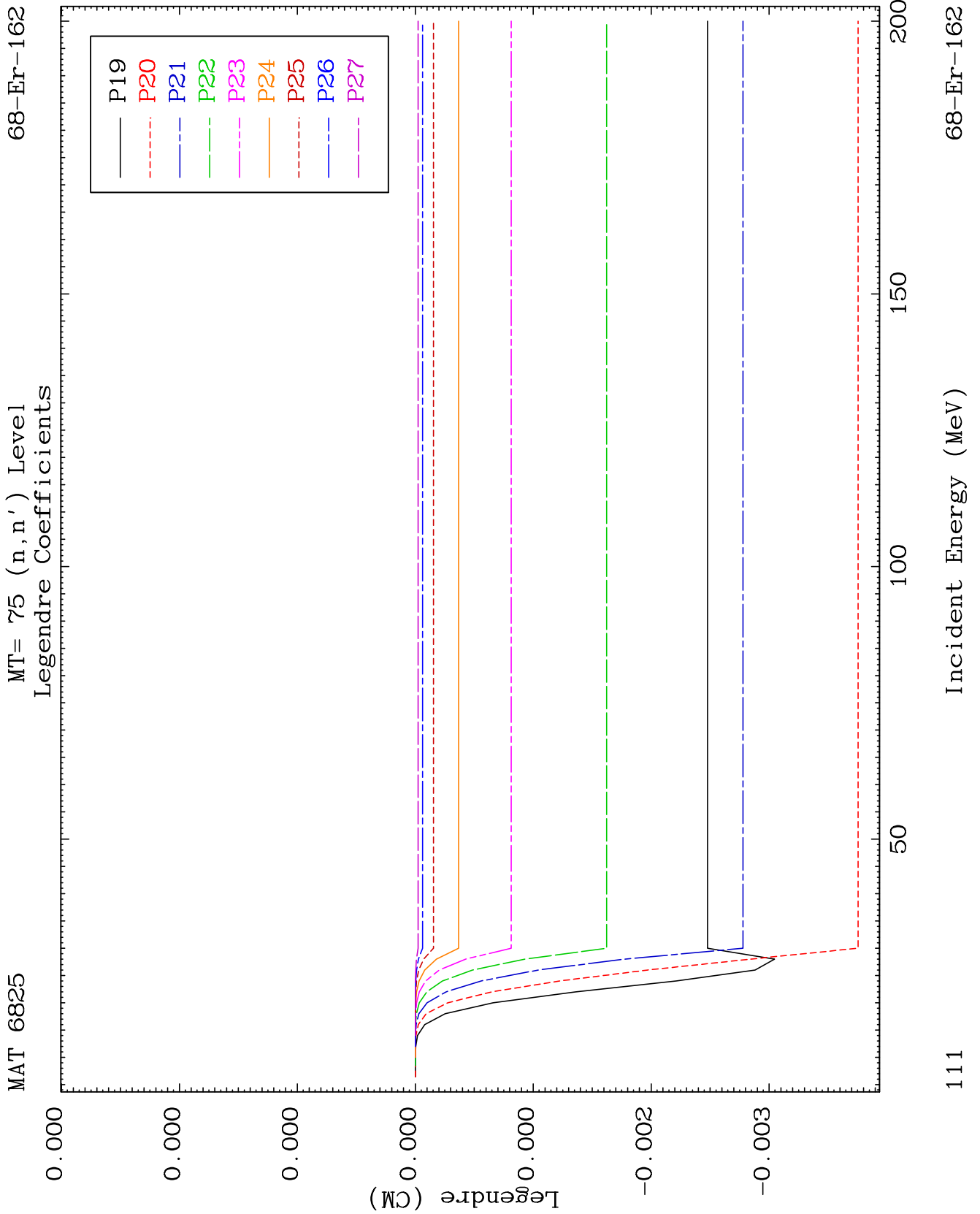
68-Er-162

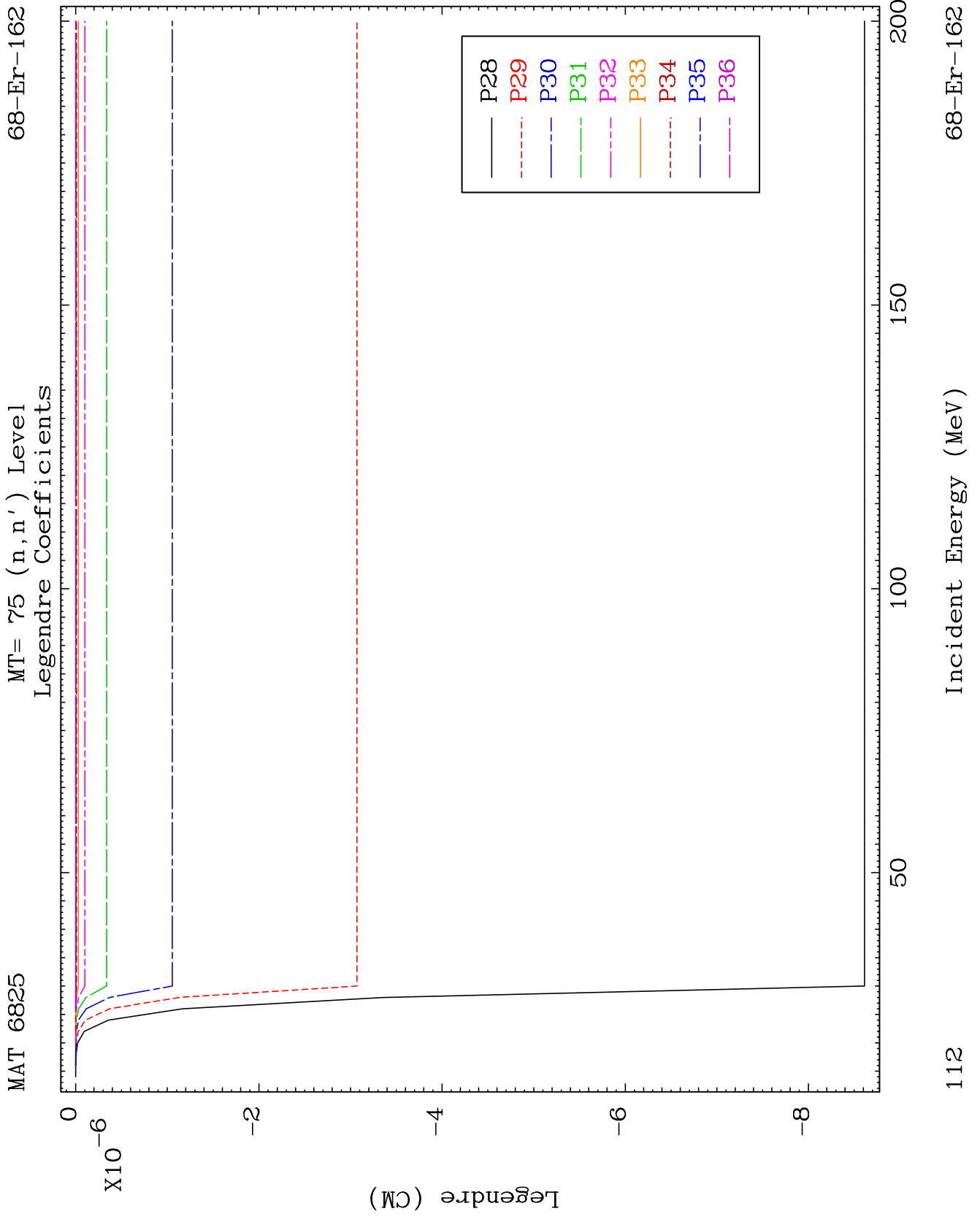


68-Er-162

Incident Energy (MeV)

110

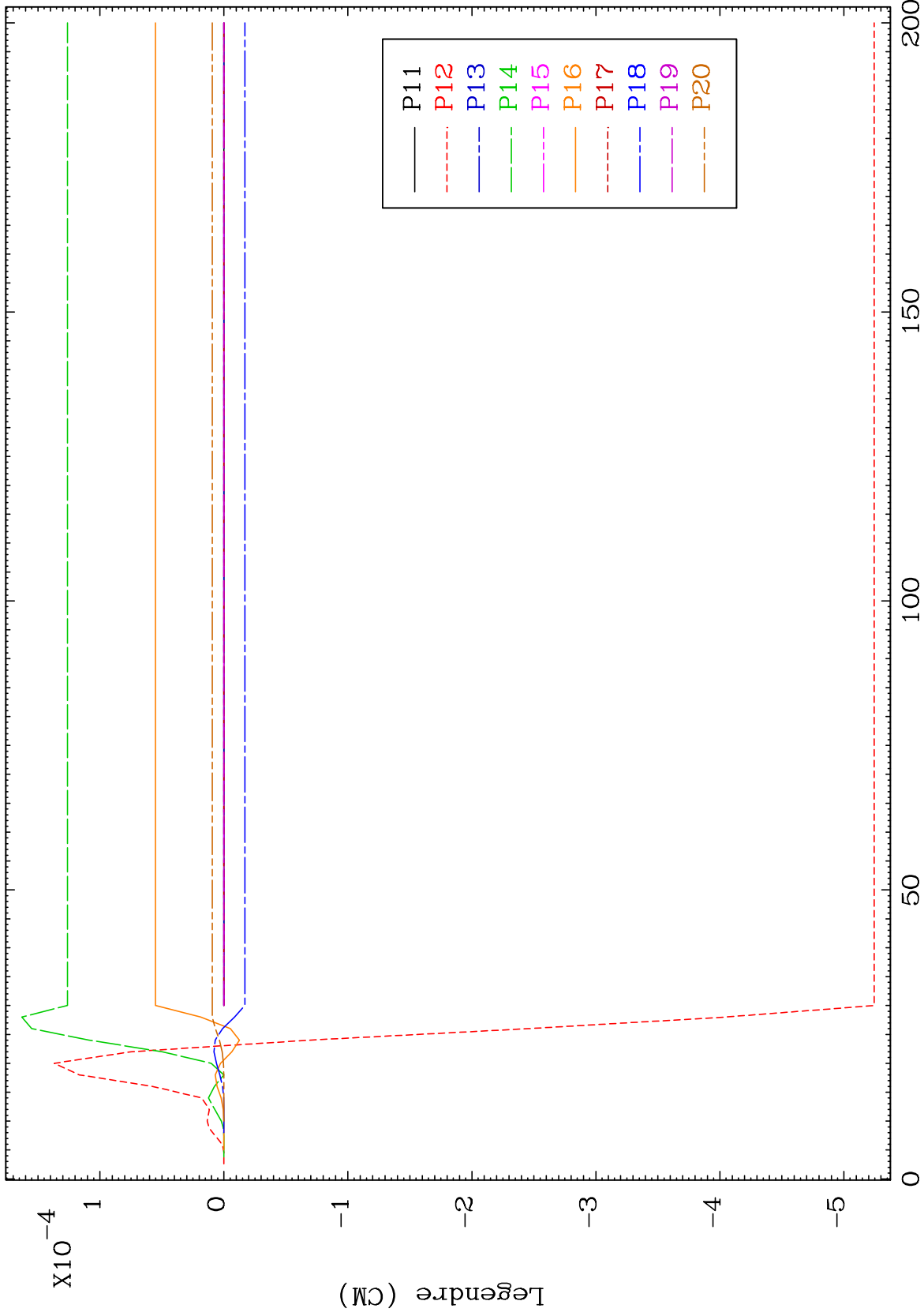




MAT 6825

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

68-Er-162



114

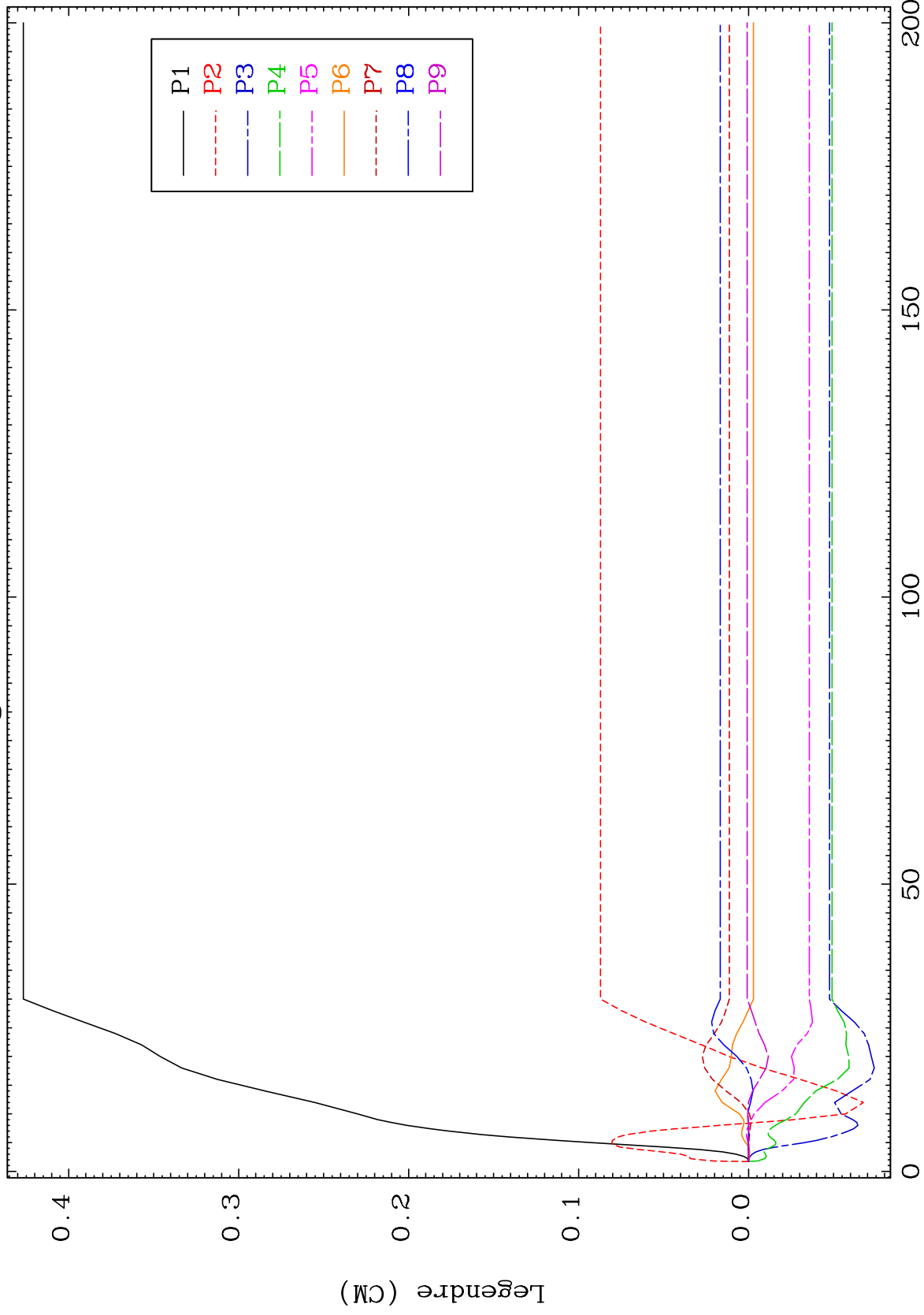
Incident Energy (MeV)

68-Er-162

MAT 6825

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

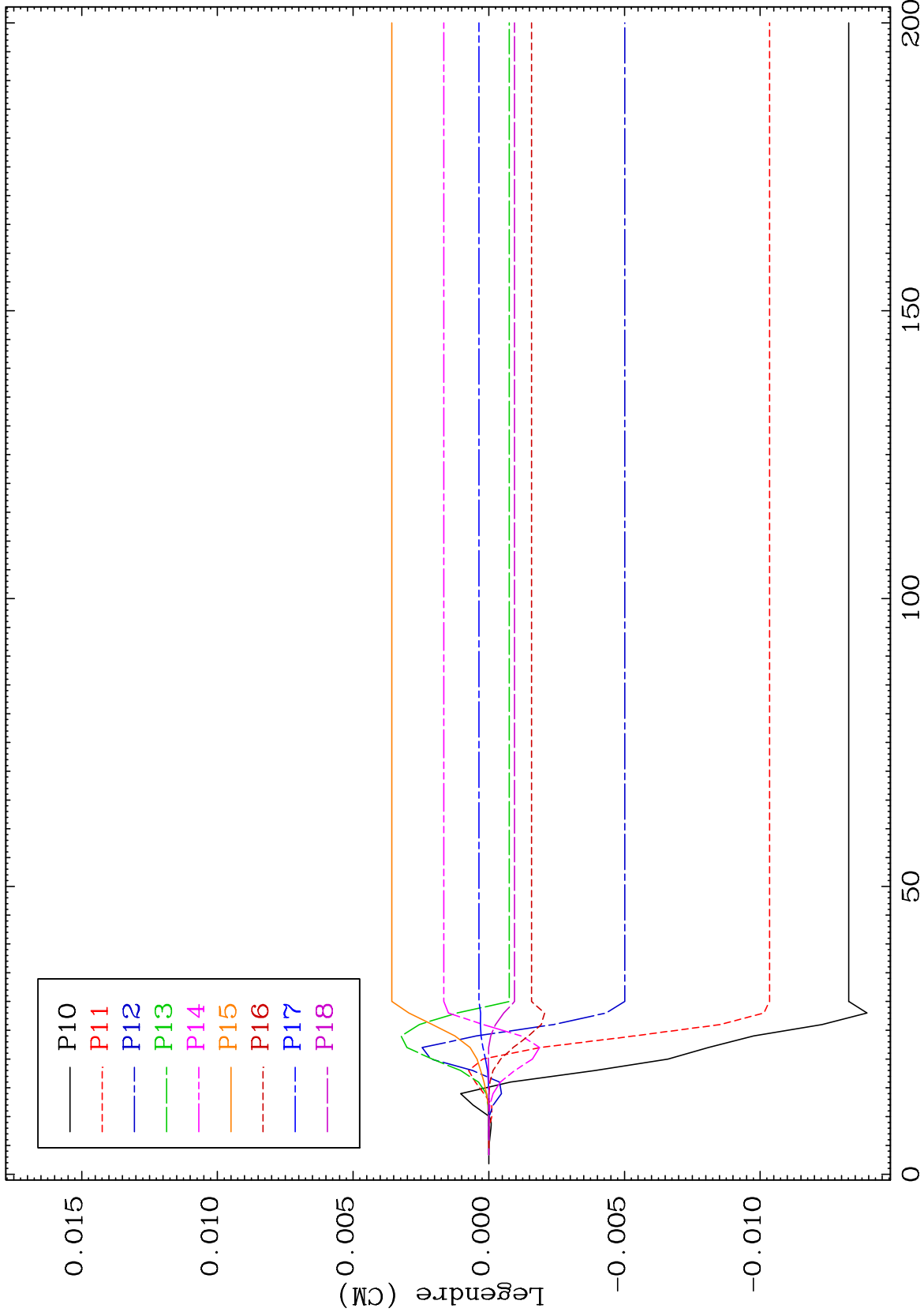
68-Er-162



116

Incident Energy (MeV)

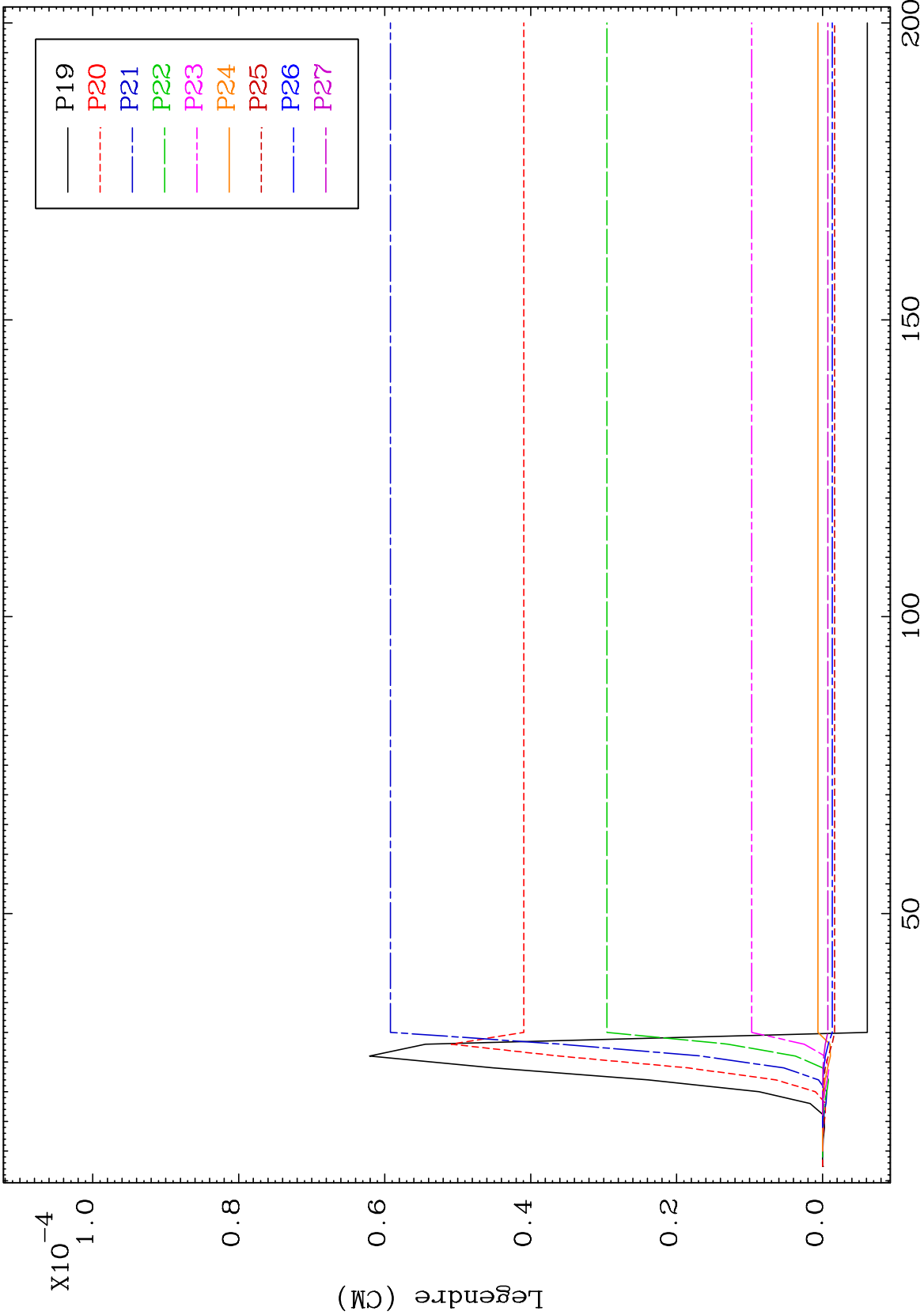
68-Er-162



MAT 6825

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

68-Er-162



118

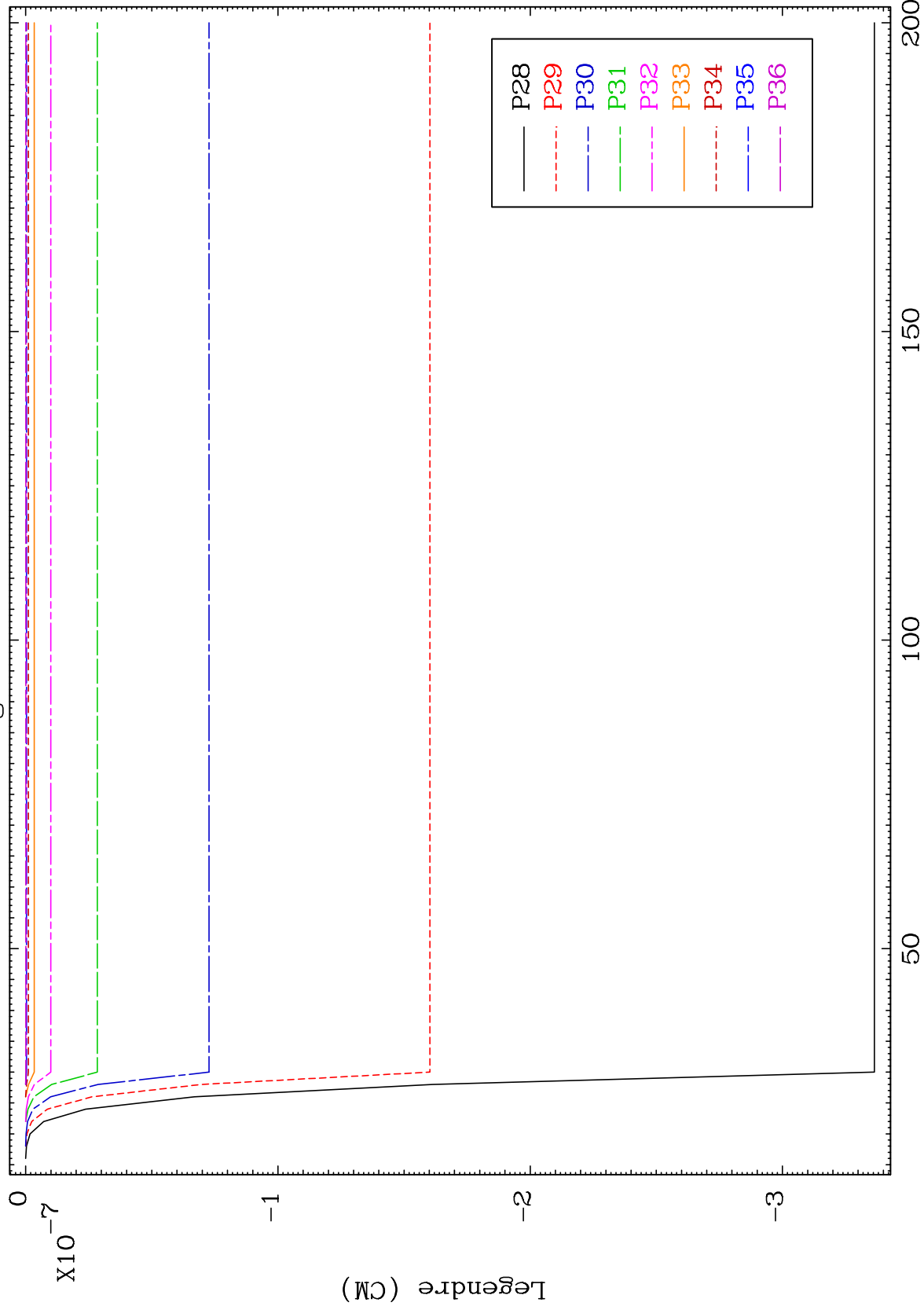
Incident Energy (MeV)

68-Er-162

MAT 6825

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

68-Er-162



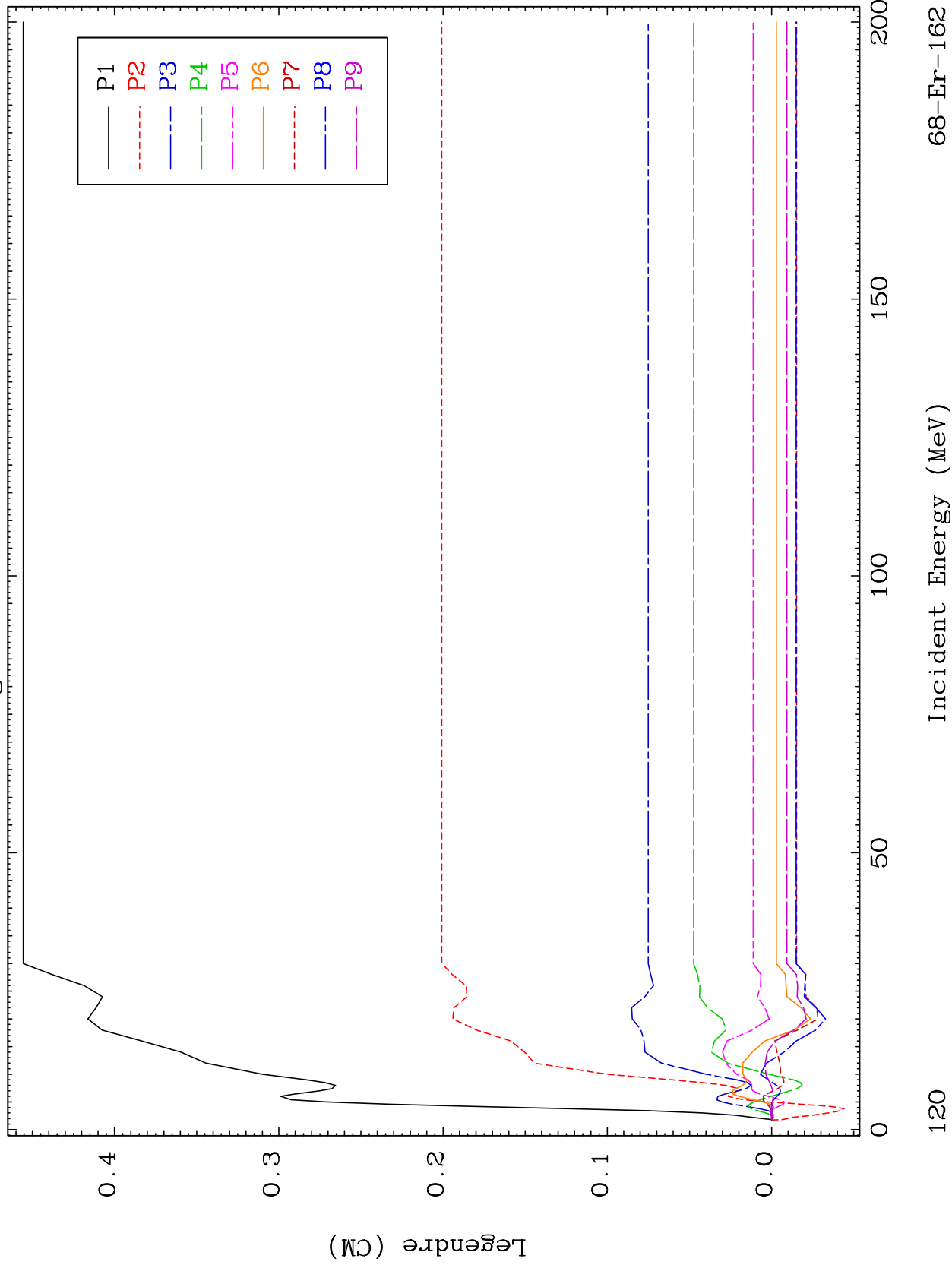
119

68-Er-162

MAT 6825

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

68-Er-162



68-Er-162

Incident Energy (MeV)

0

50

100

150

200

Legendre (CM)

0.4

0.3

0.2

0.1

0.0

P1

P2

P3

P4

P5

P6

P7

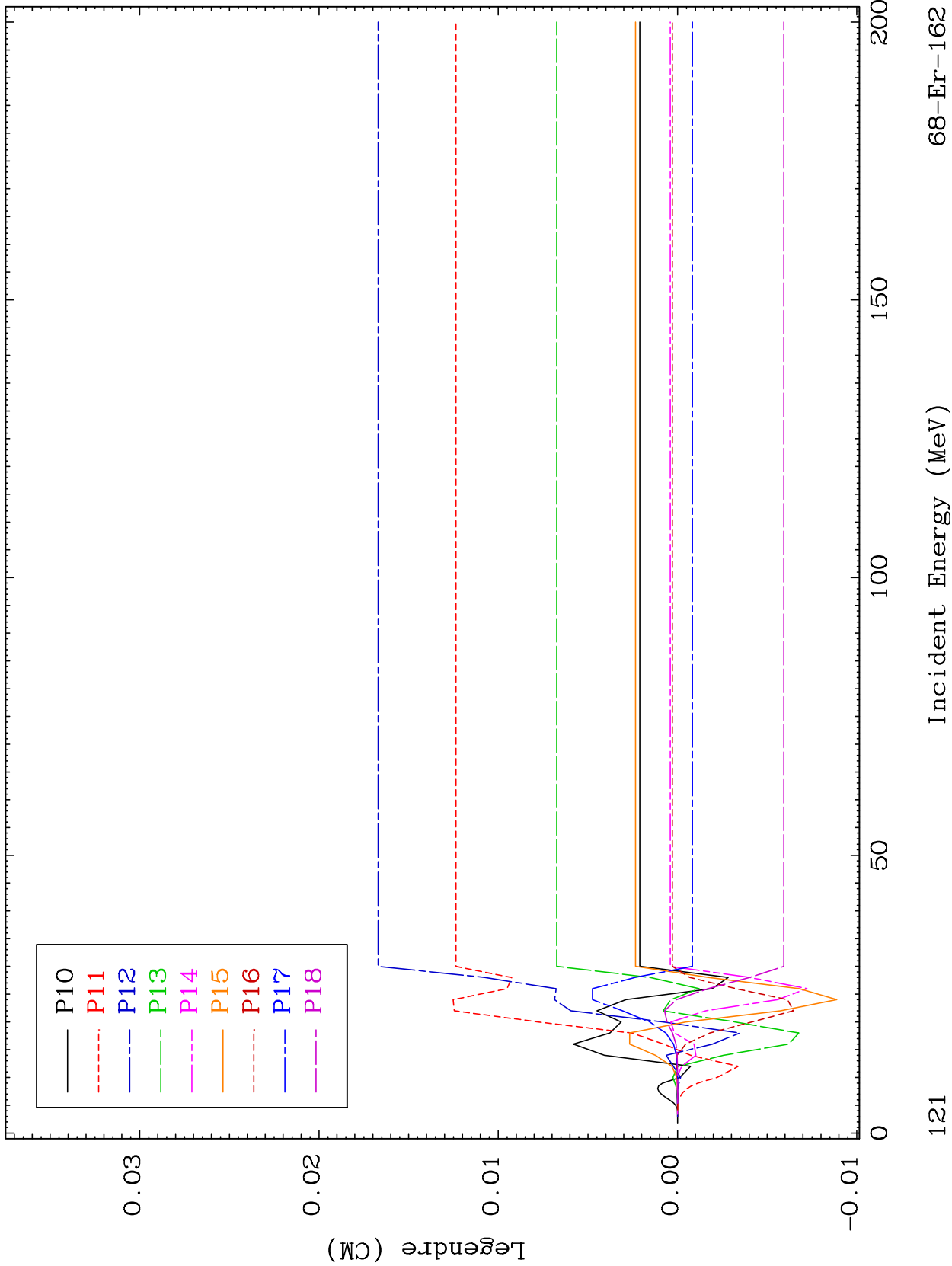
P8

P9

MAT 6825

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

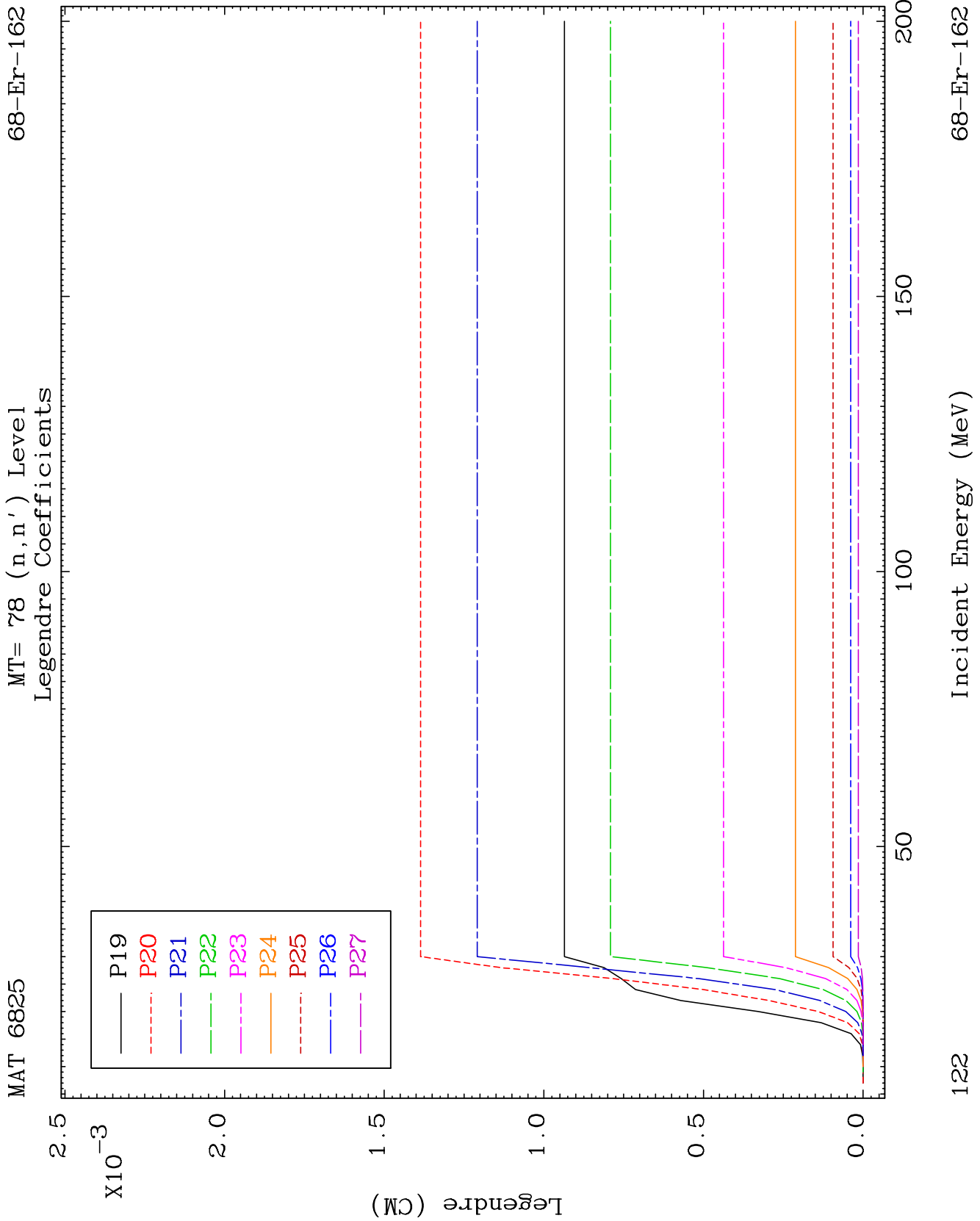
68-Er-162



68-Er-162

Incident Energy (MeV)

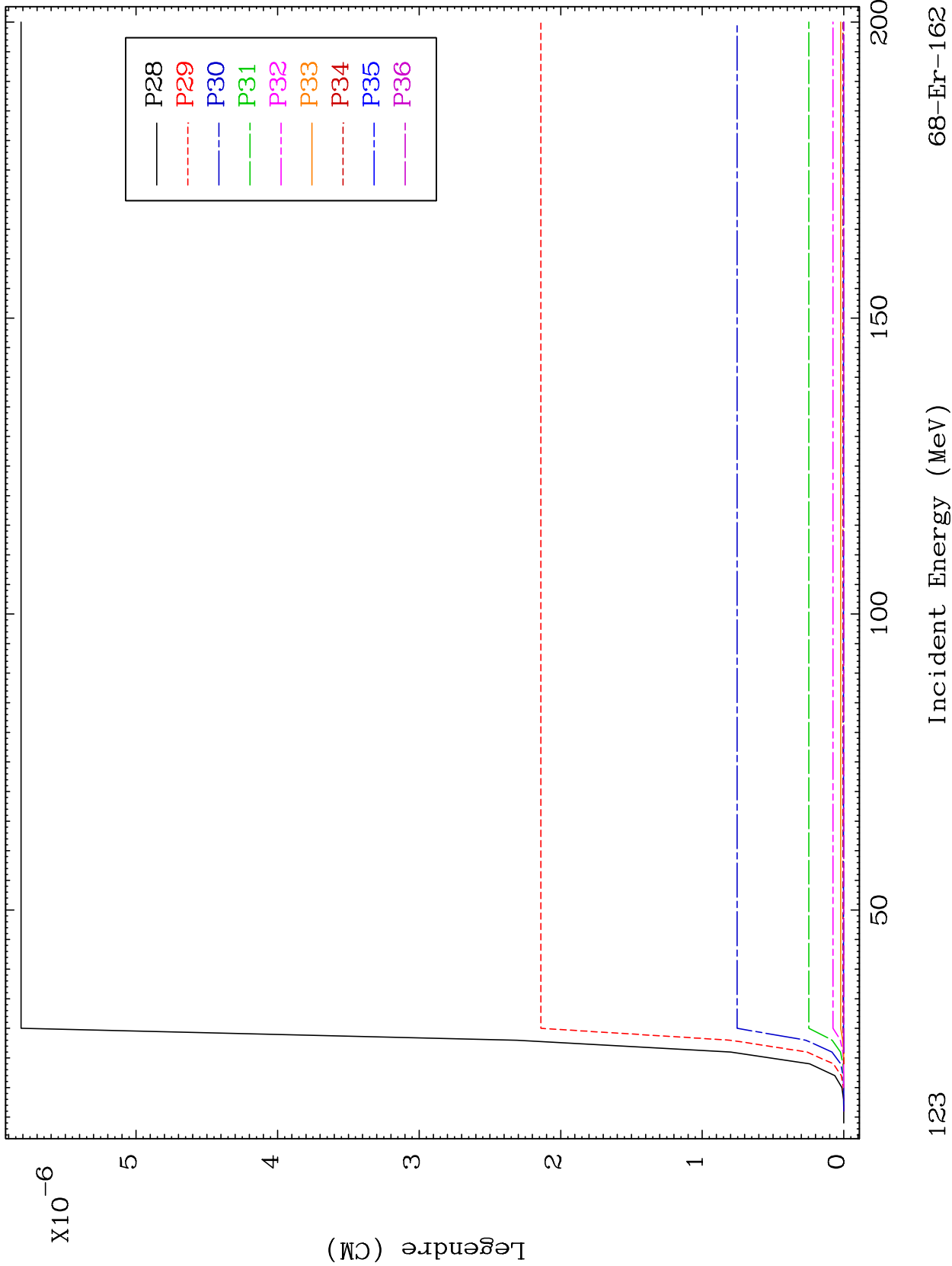
121



MAT 6825

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

68-Er-162

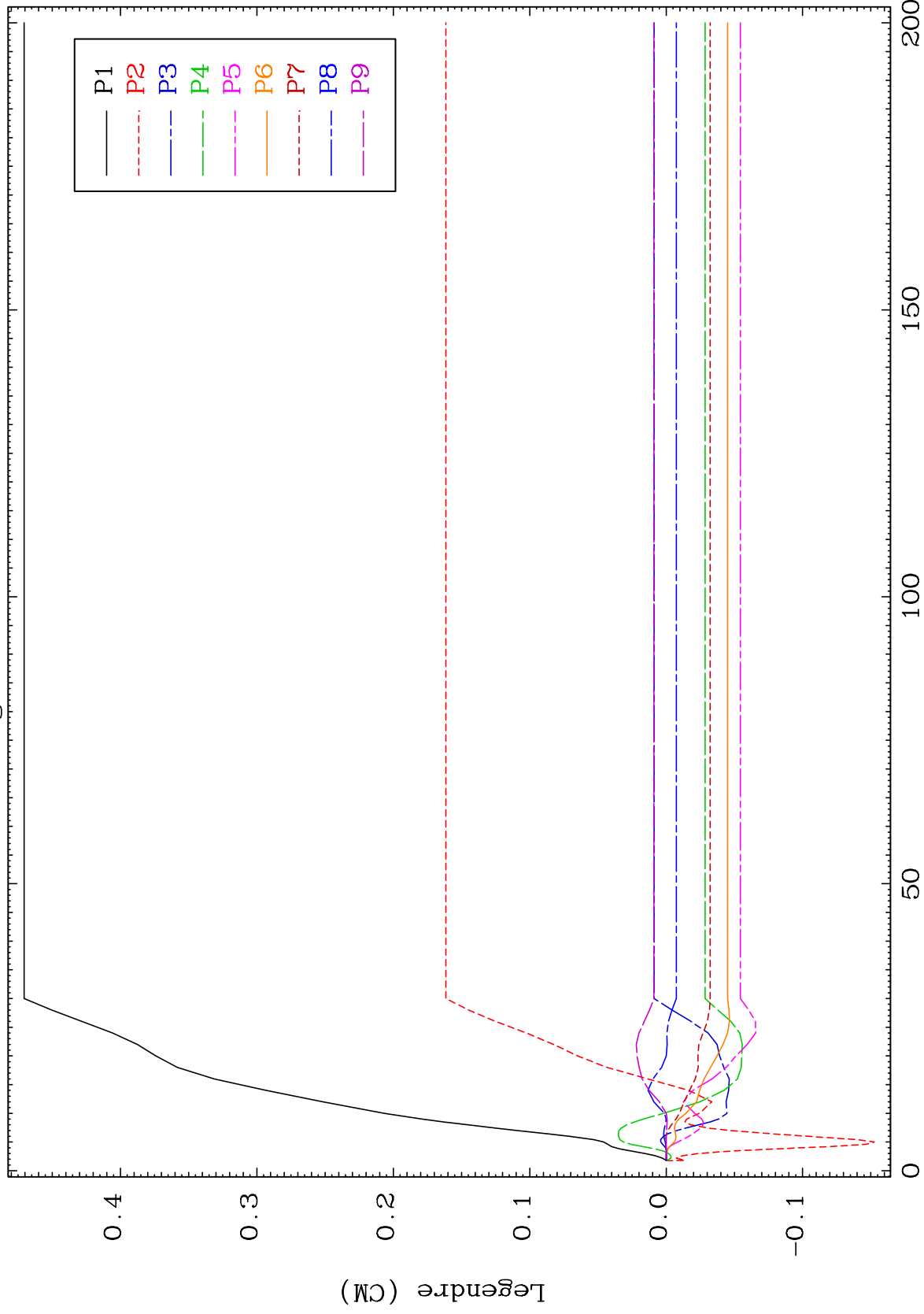


123

MAT 6825

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

68-Er-162



68-Er-162

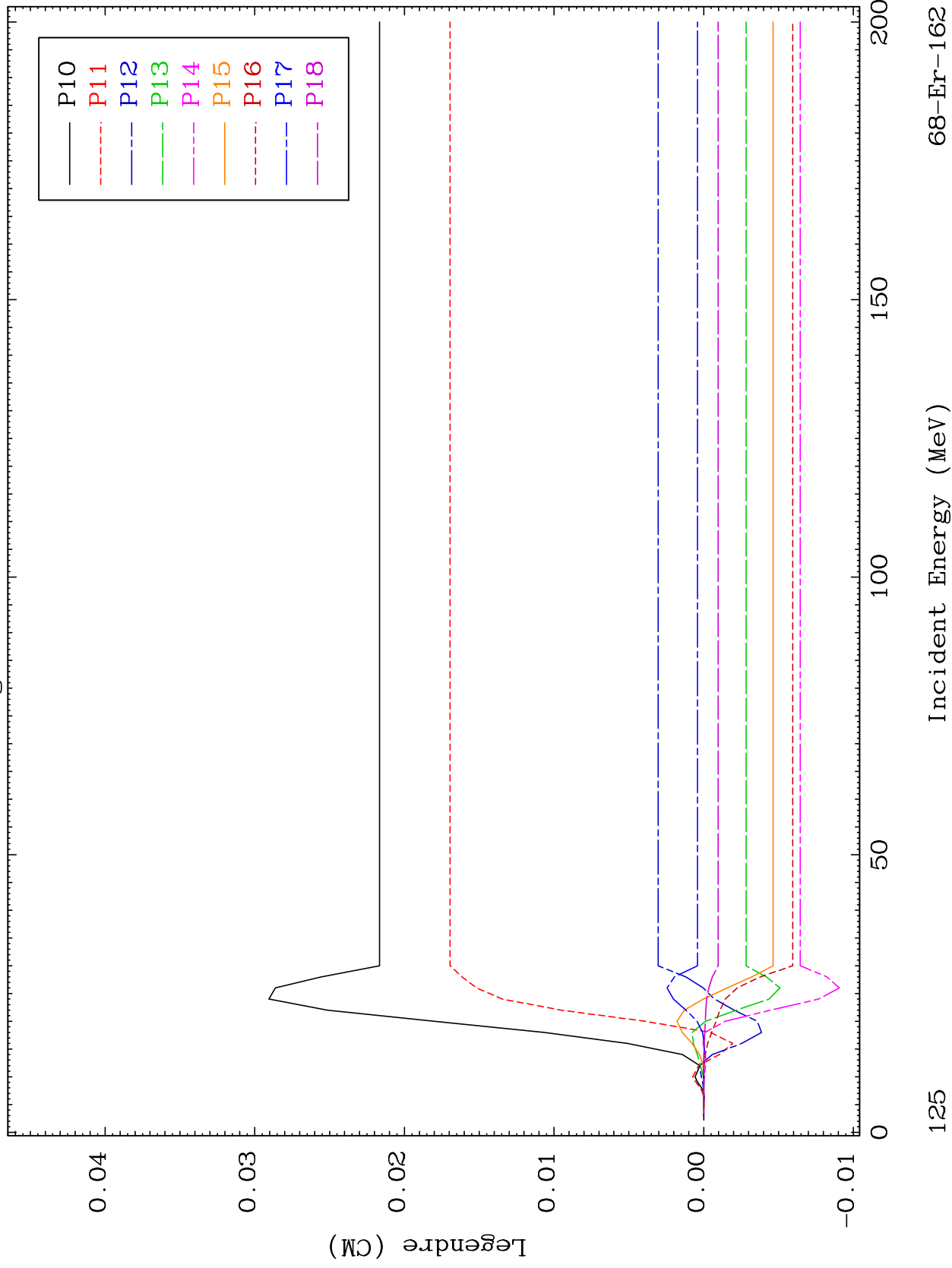
Incident Energy (MeV)

124

MAT 6825

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

68-Er-162



68-Er-162

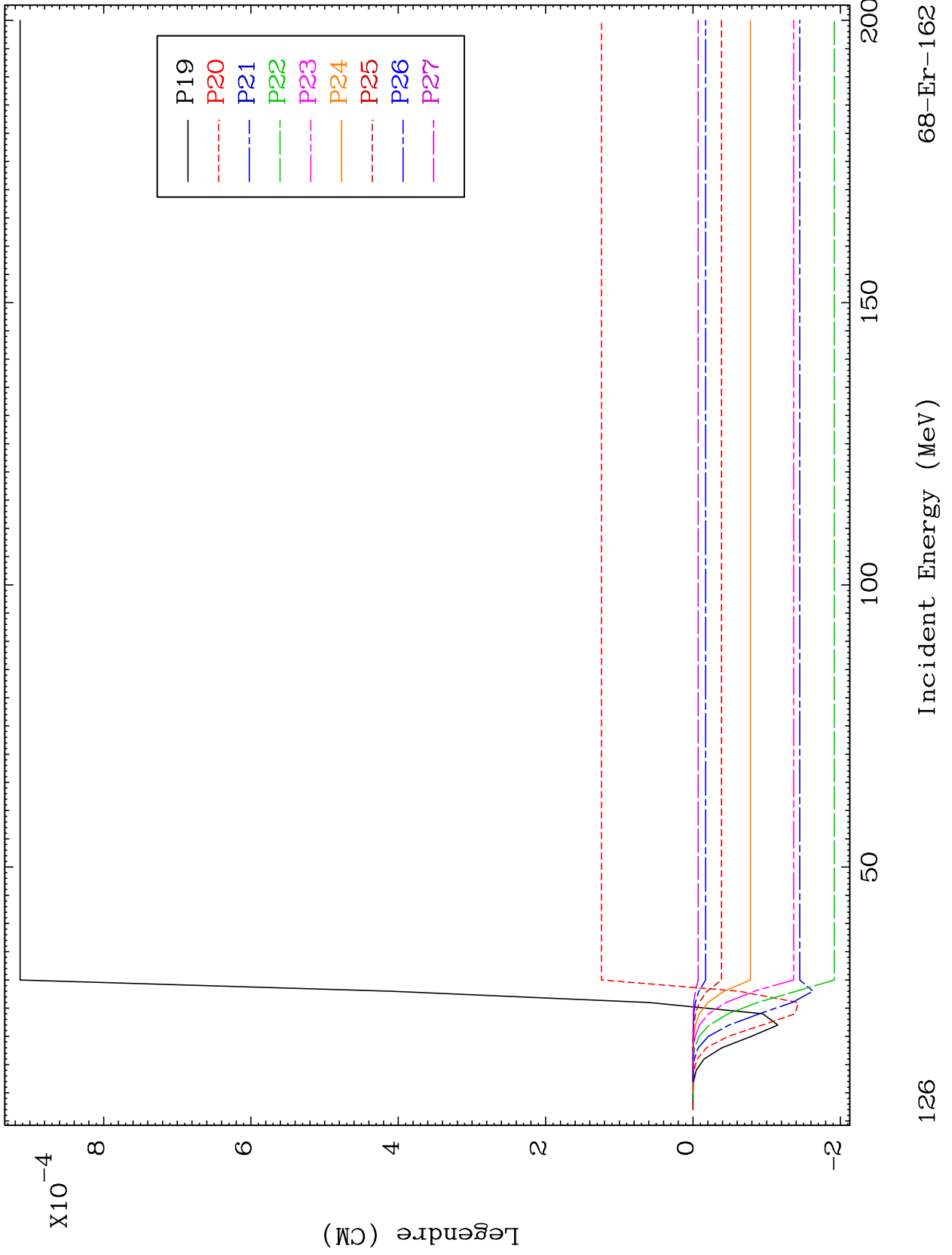
Incident Energy (MeV)

125

MAT 6825

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

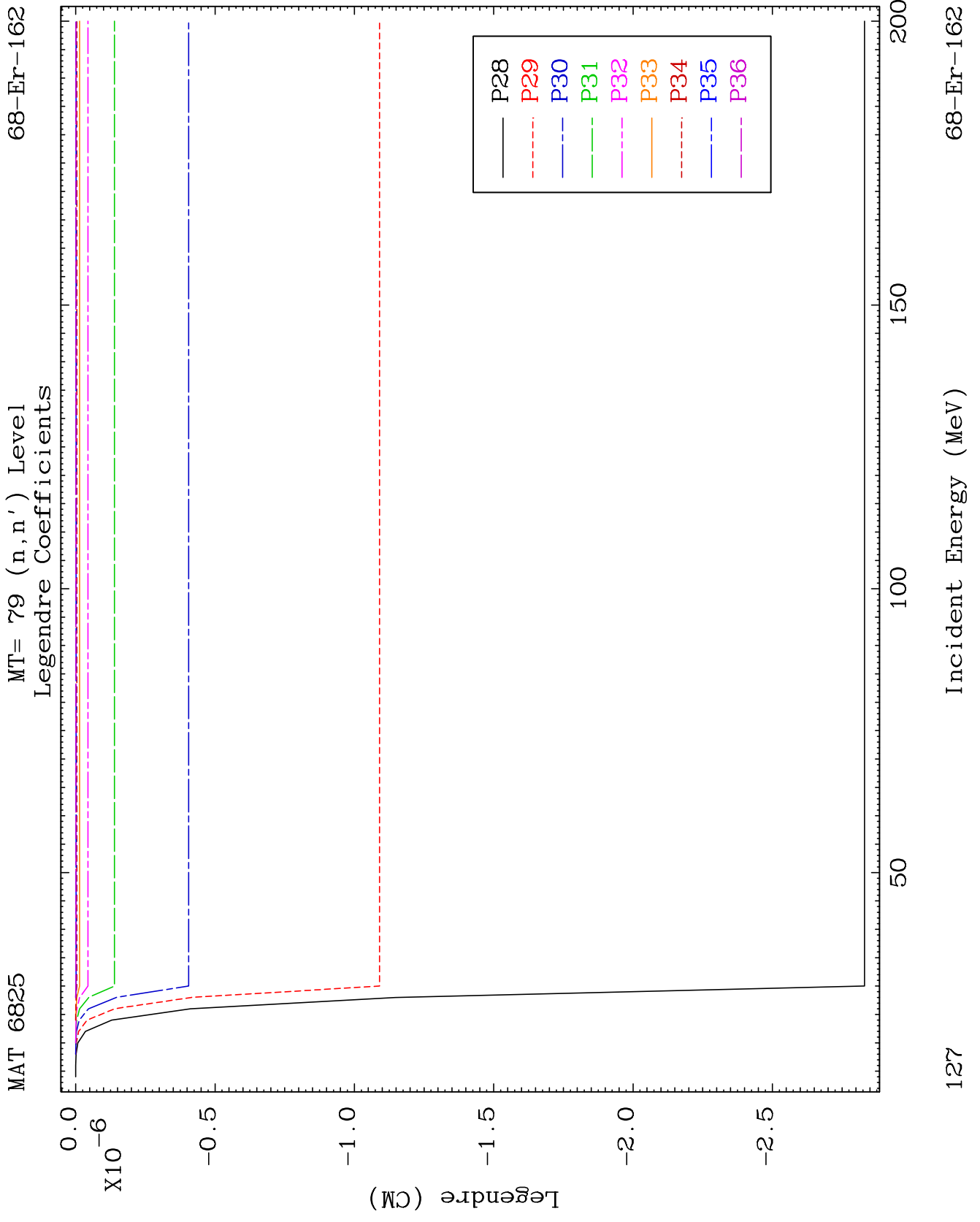
68-Er-162



126

Incident Energy (MeV)

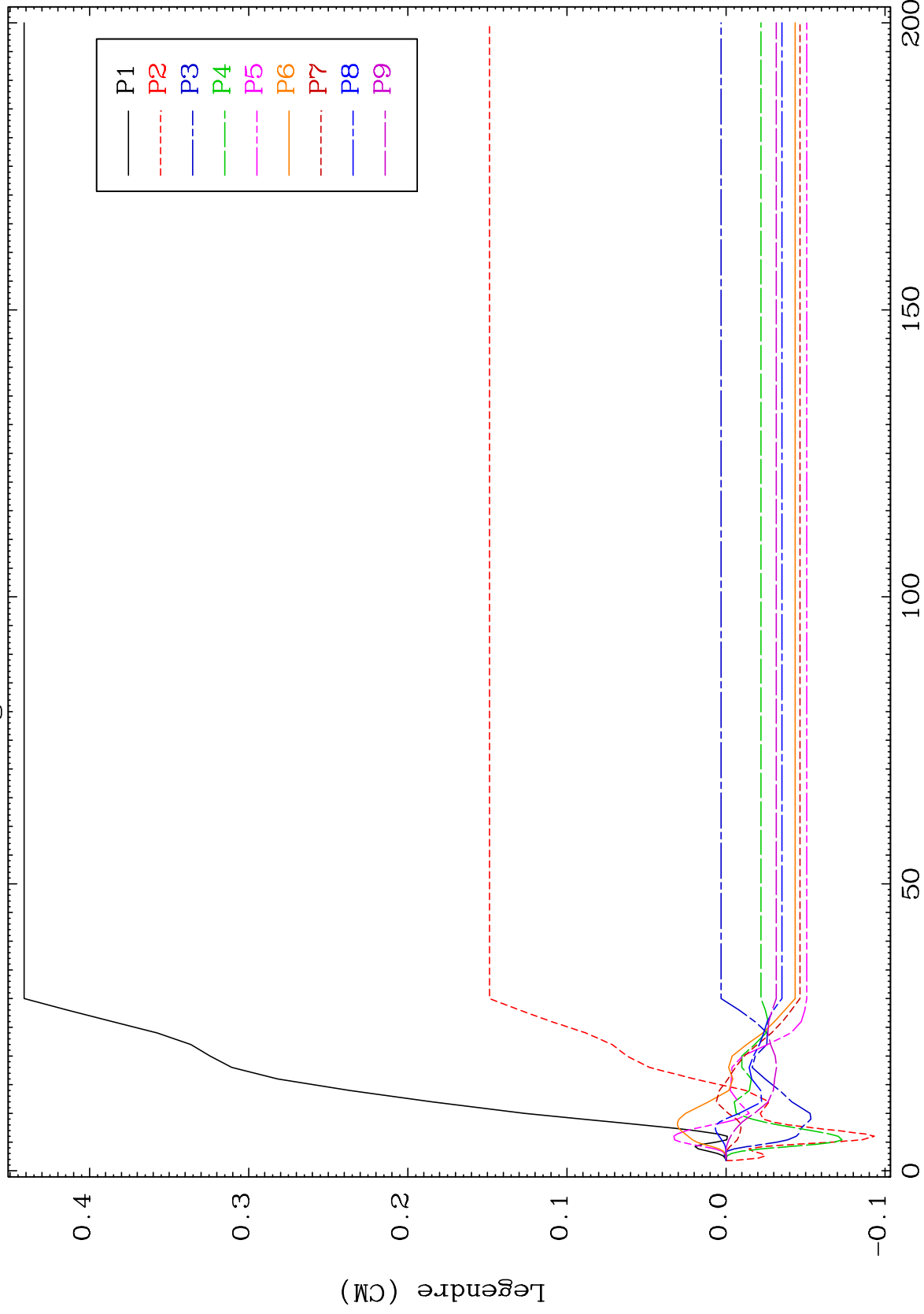
68-Er-162



MAT 6825

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

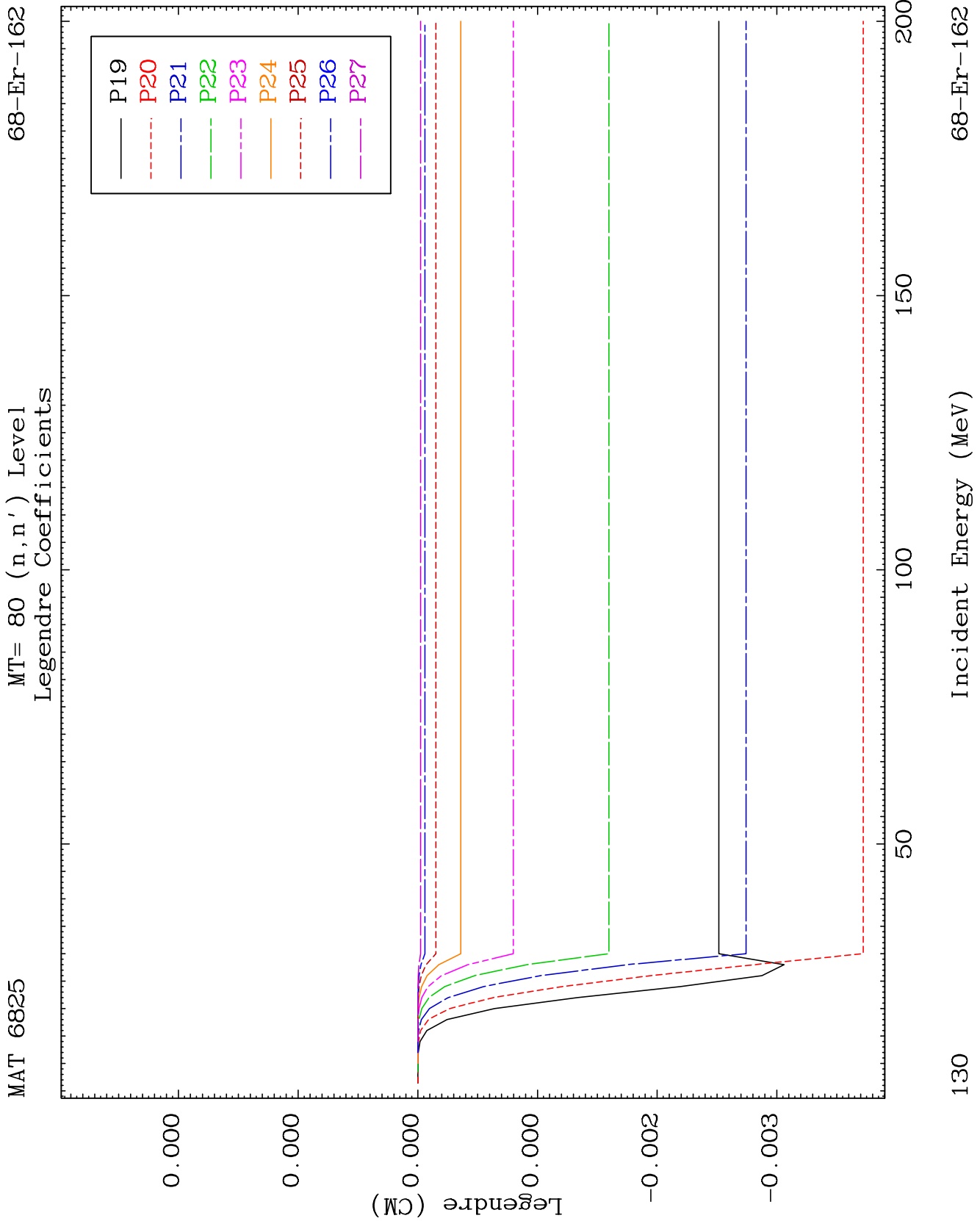
68-Er-162

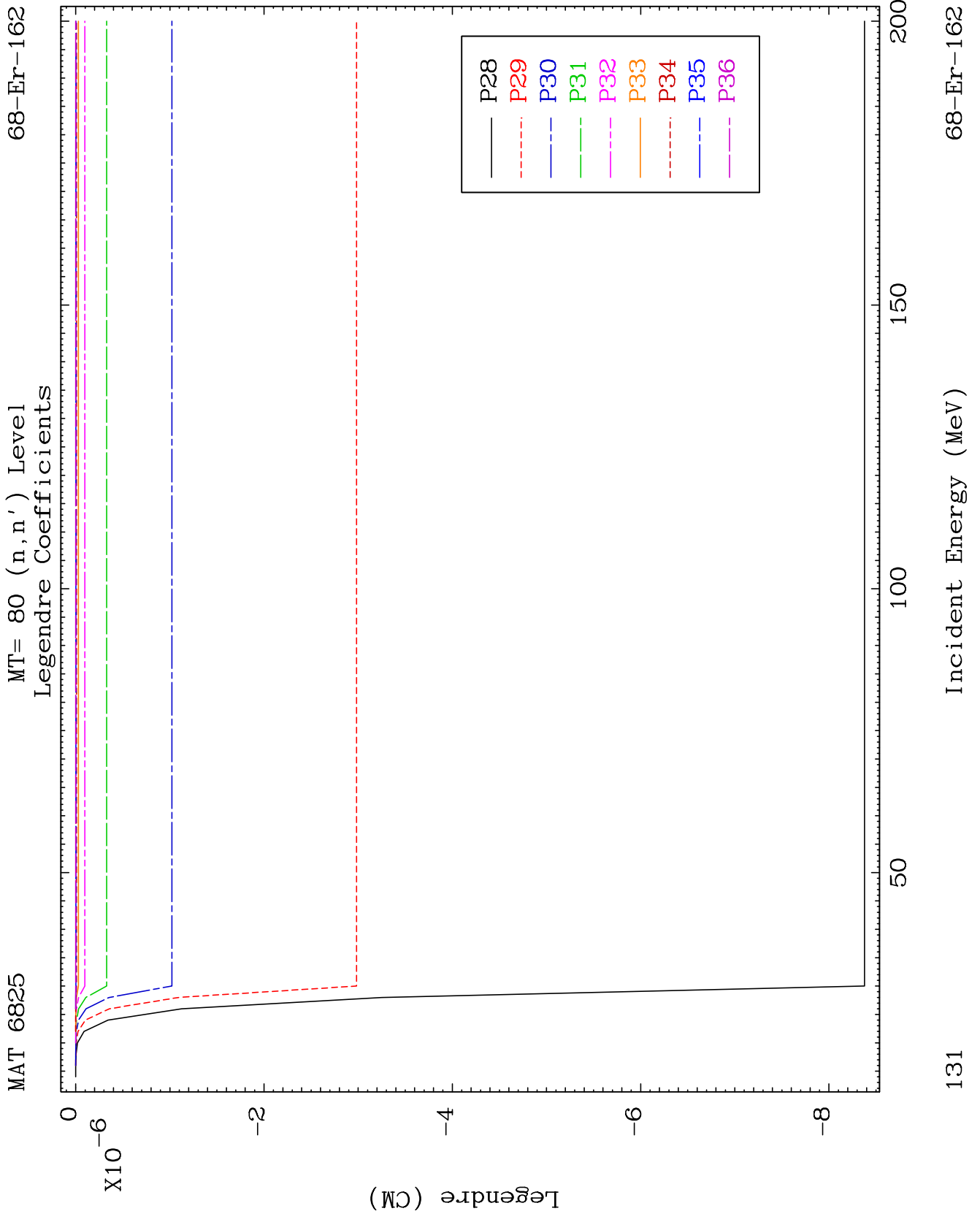


68-Er-162

Incident Energy (MeV)

128



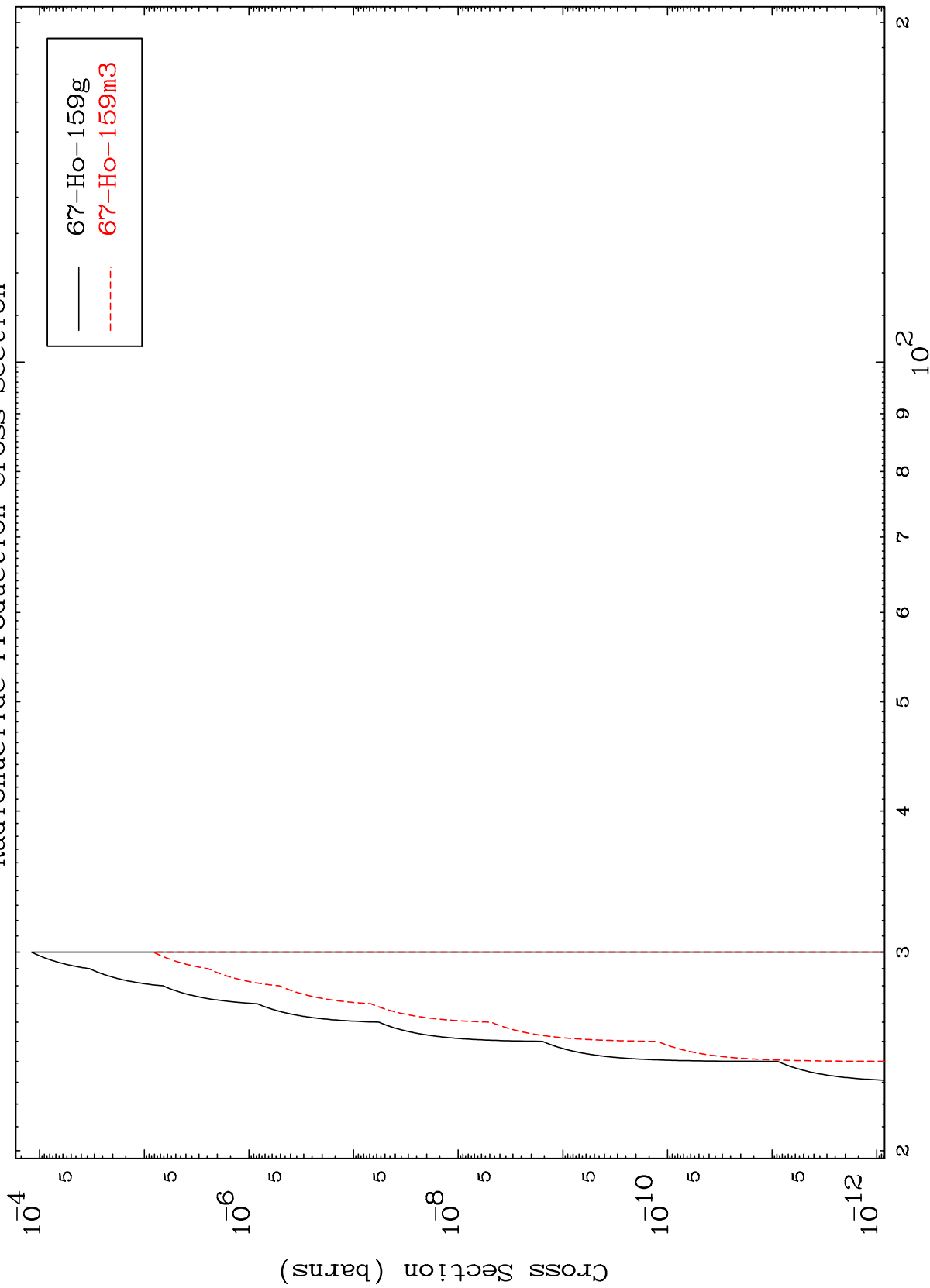


MAT 6825

(n,2n) d

68-Er-162

Radionuclide Production Cross Section



132

Incident Energy (MeV)

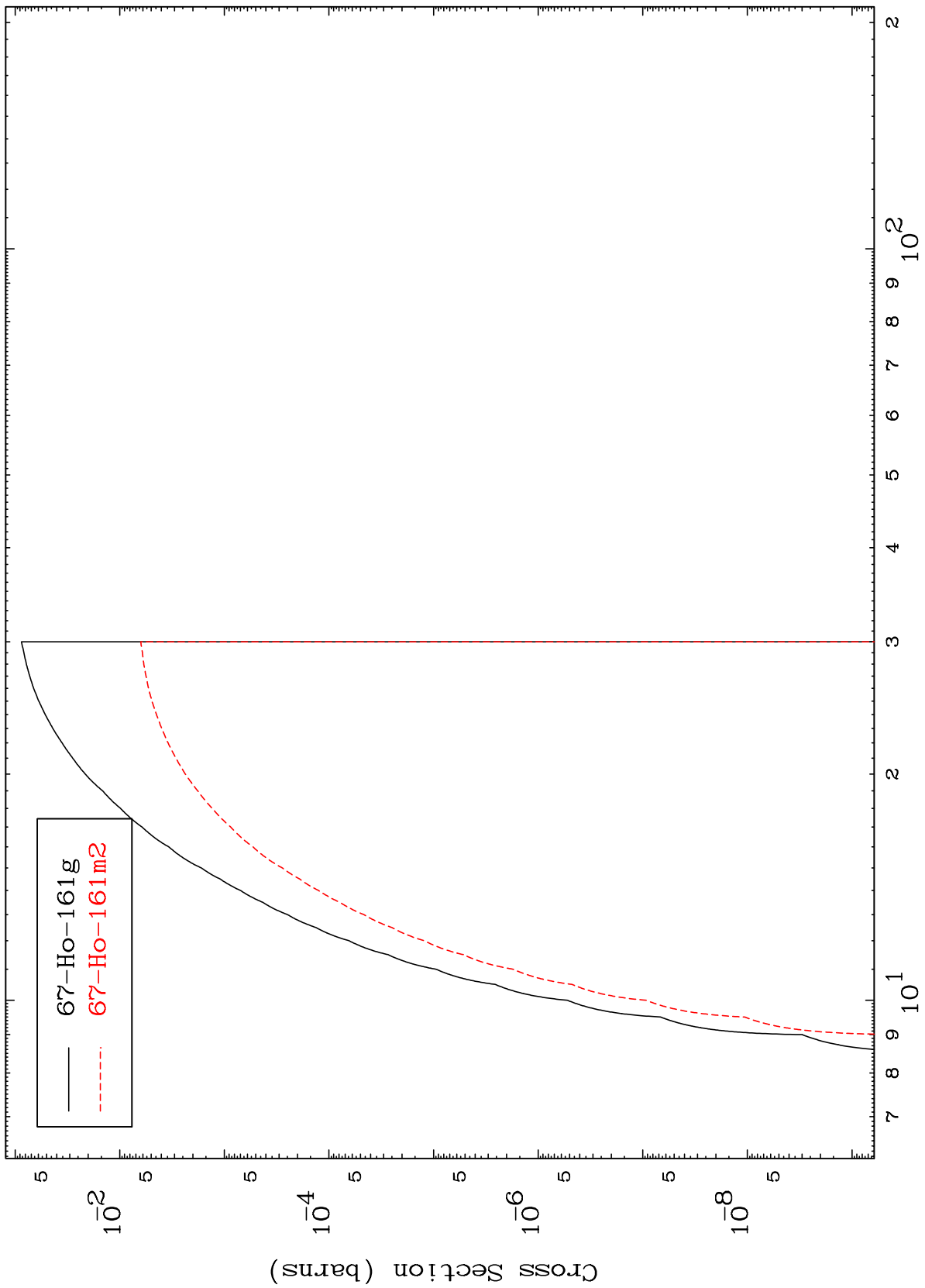
68-Er-162

MAT 6825

(n,n') p

68-Er-162

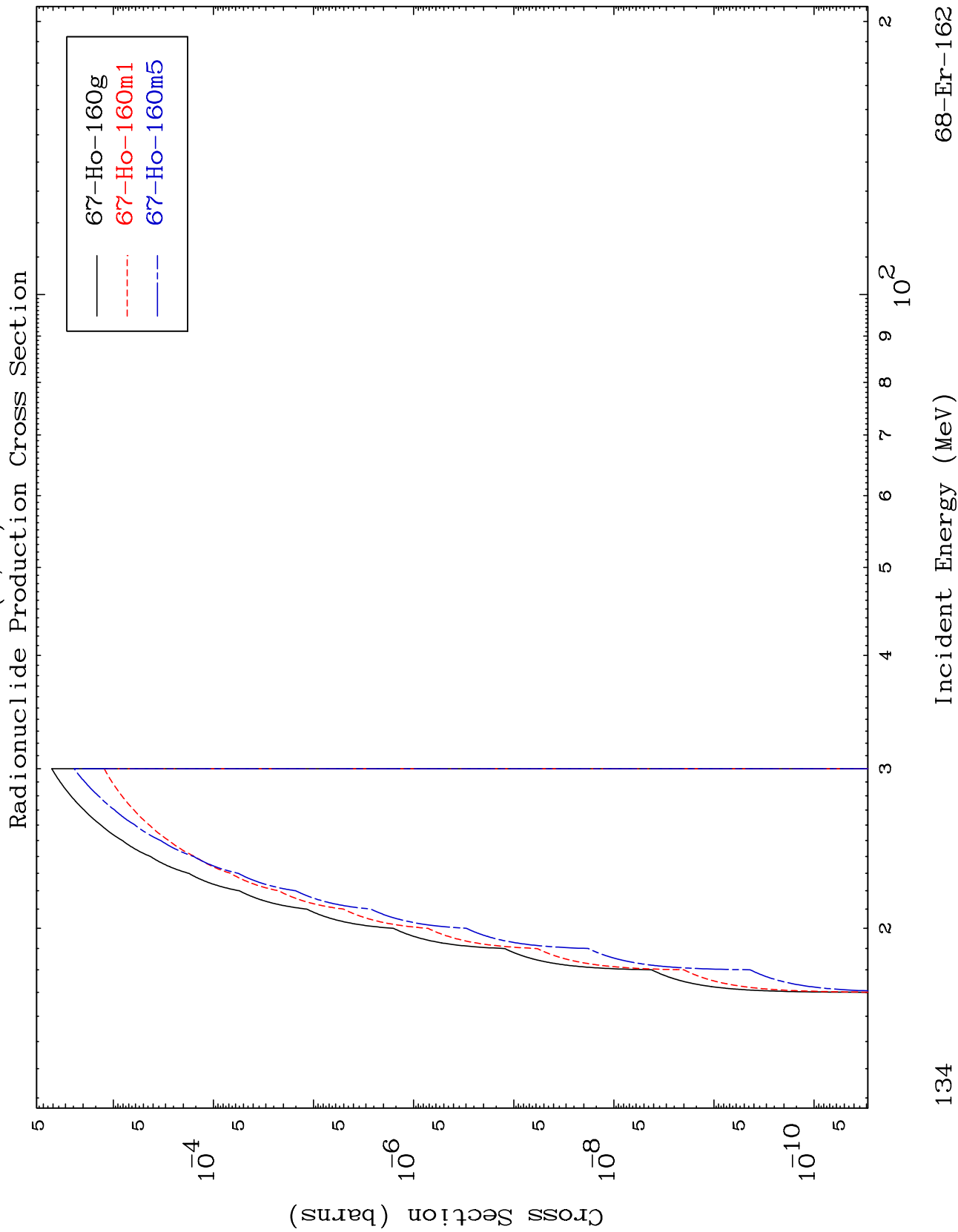
Radionuclide Production Cross Section



133

Incident Energy (MeV)

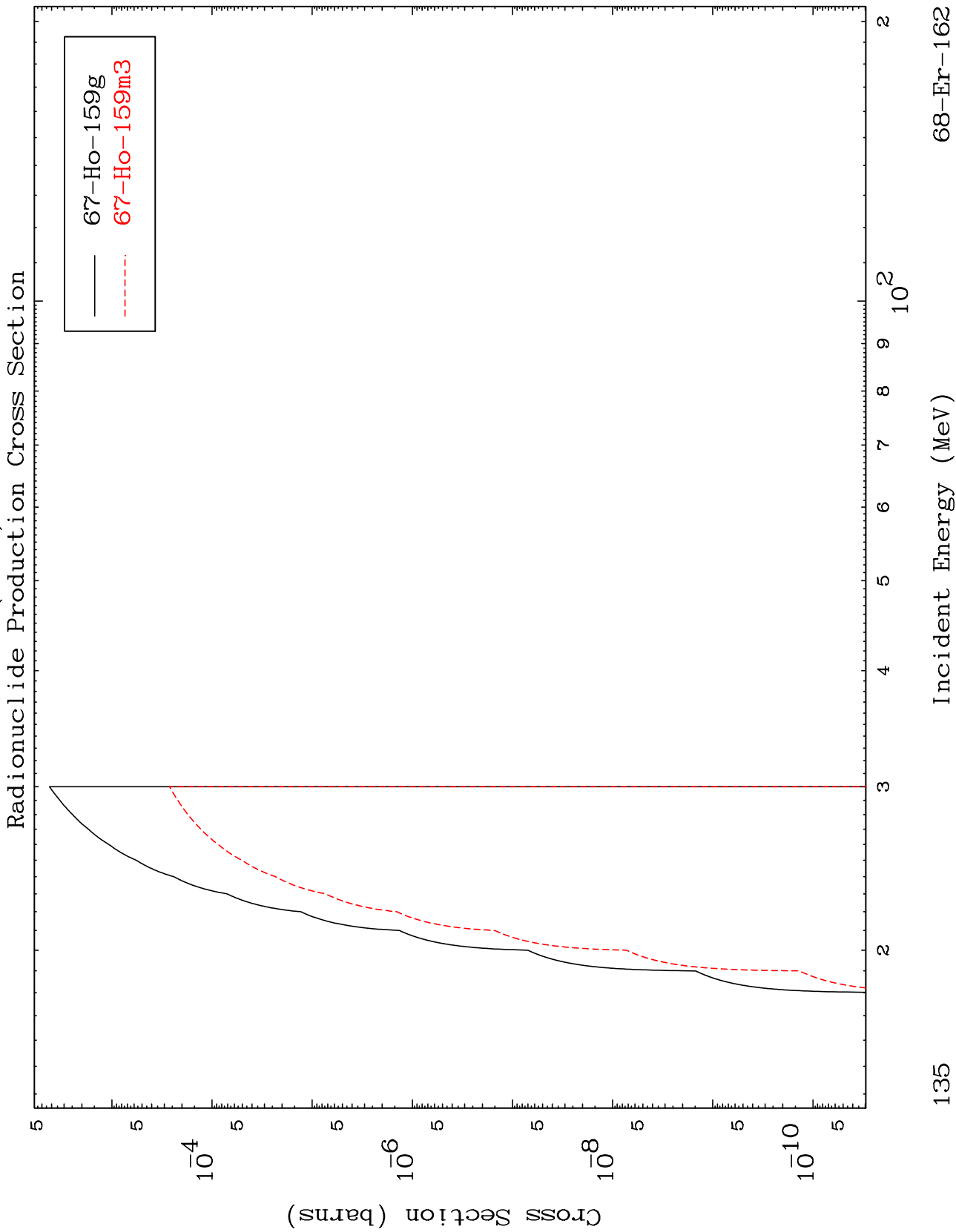
68-Er-162



MAT 6825

(n,n') t

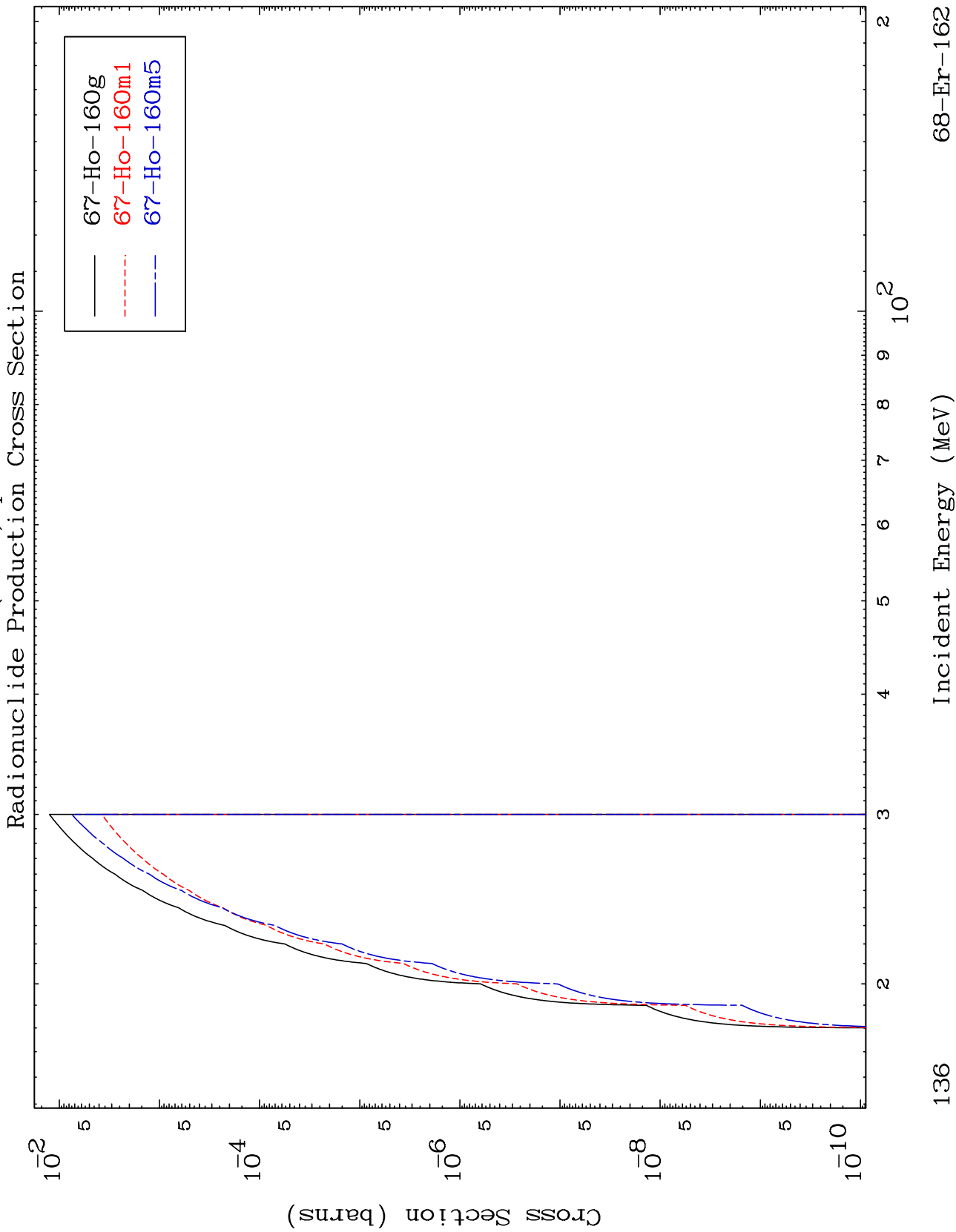
68-Er-162



135

Incident Energy (MeV)

68-Er-162

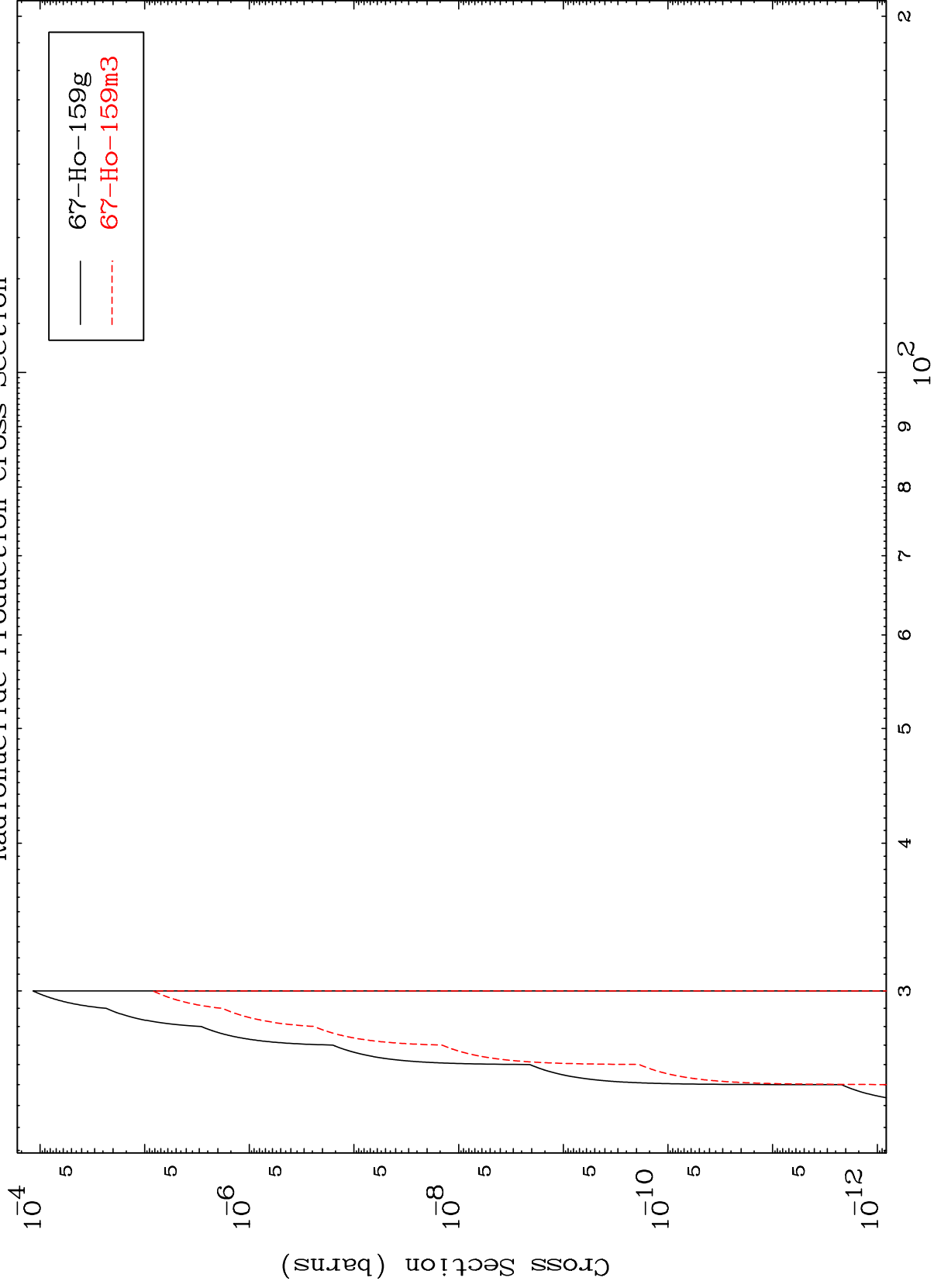


MAT 6825

(n,3n) p

68-Er-162

Radionuclide Production Cross Section



137

Incident Energy (MeV)

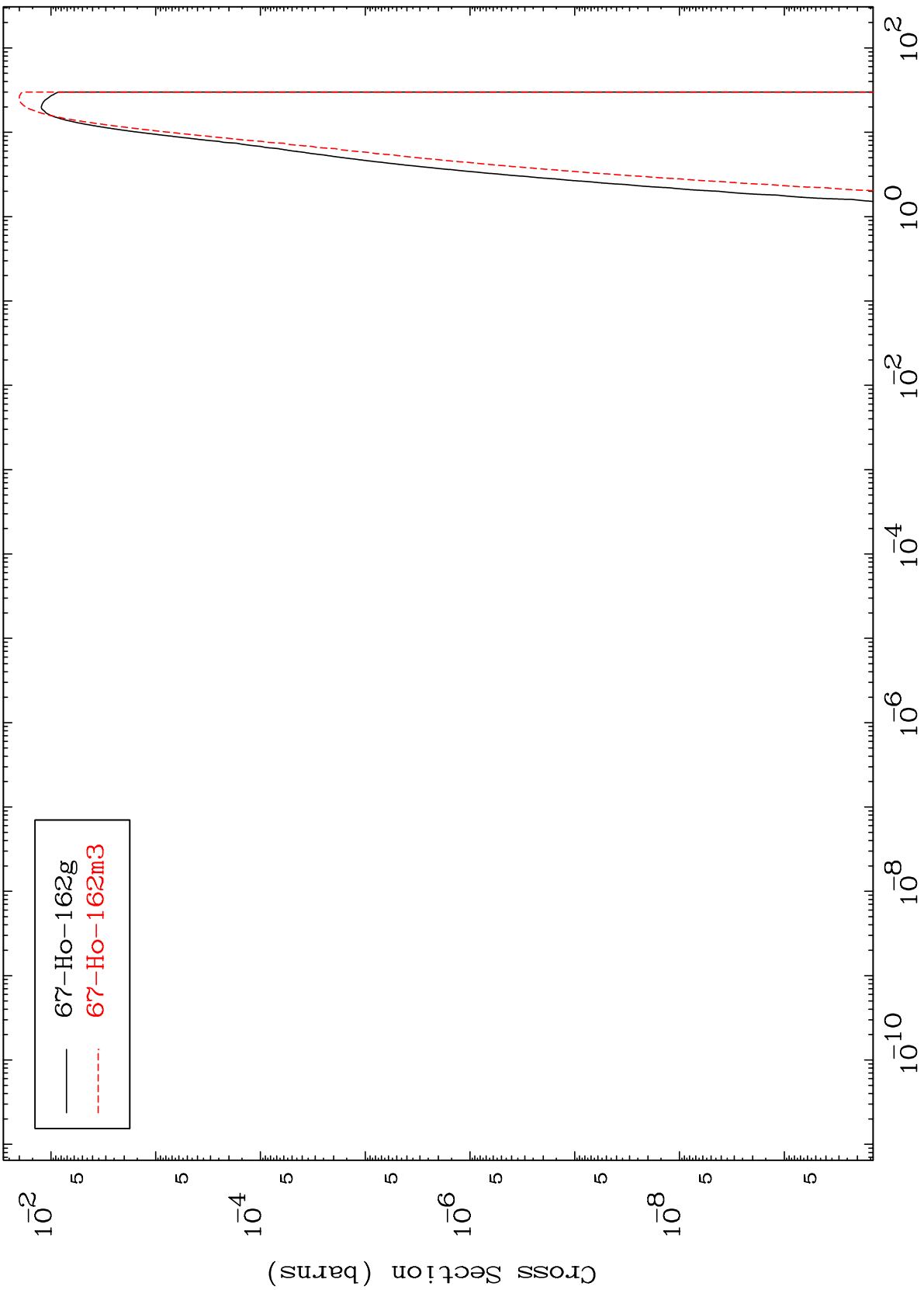
68-Er-162

MAT 6825

(n,p)

68-Er-162

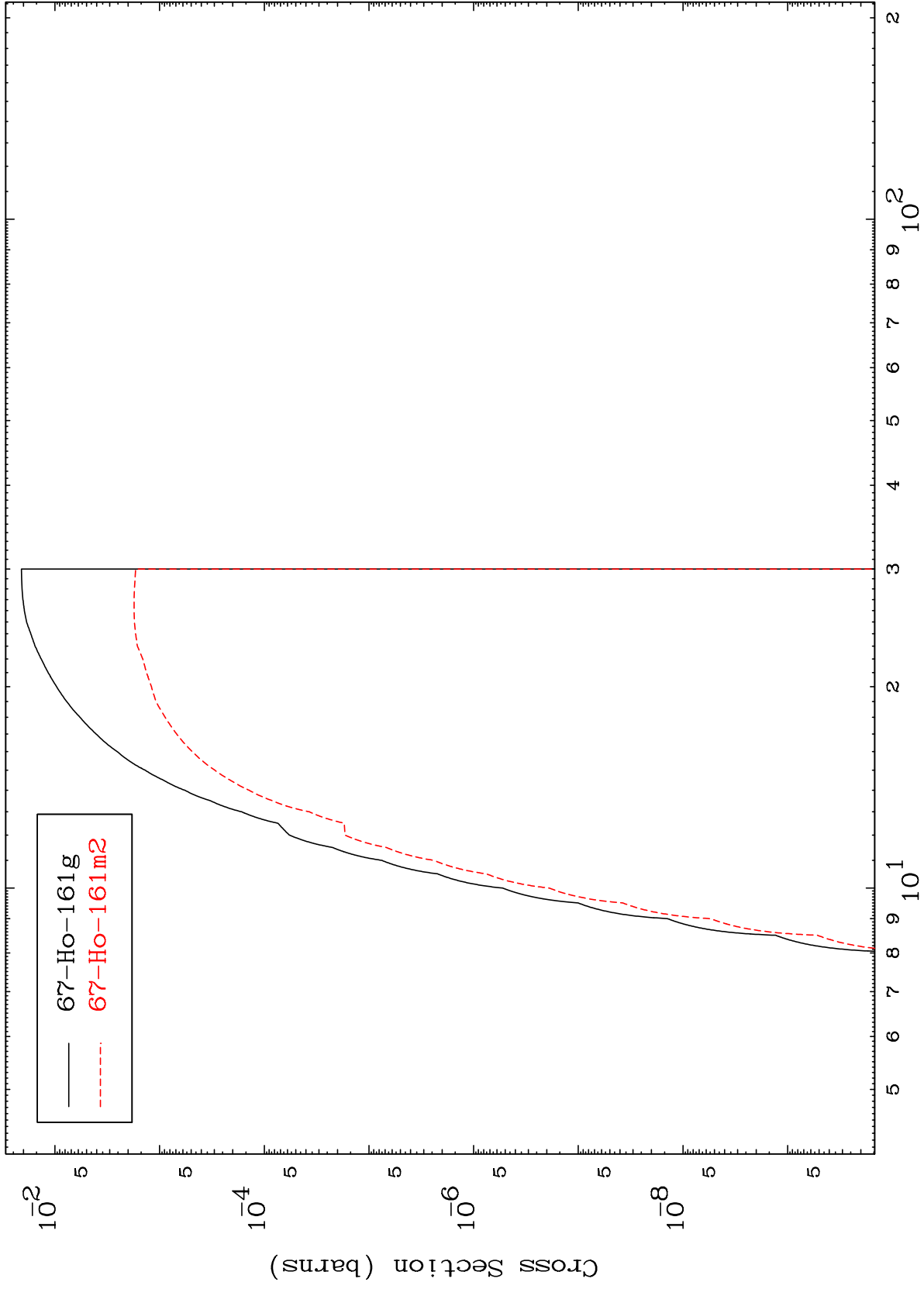
Radionuclide Production Cross Section



MAT 6825

68-Er-162

(n,d)
Radionuclide Production Cross Section



139

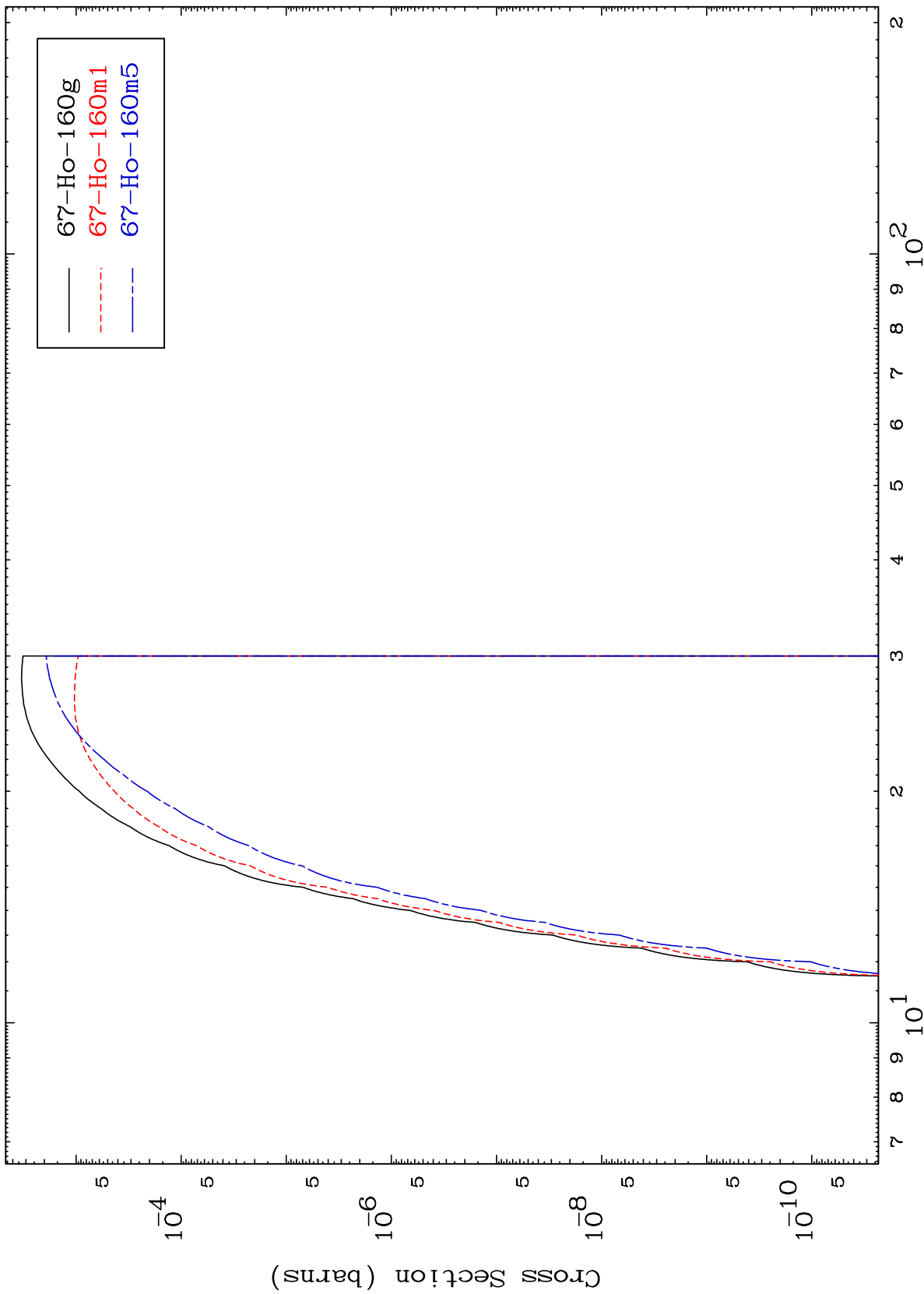
Incident Energy (MeV)

68-Er-162

MAT 6825

68-Er-162

(n, t)
Radionuclide Production Cross Section



140

Incident Energy (MeV)

68-Er-162

MAT 6825

(n,p) α

68-Er-162

Radionuclide Production Cross Section

