

Program EVALPLOT
(Version 2021-1)

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

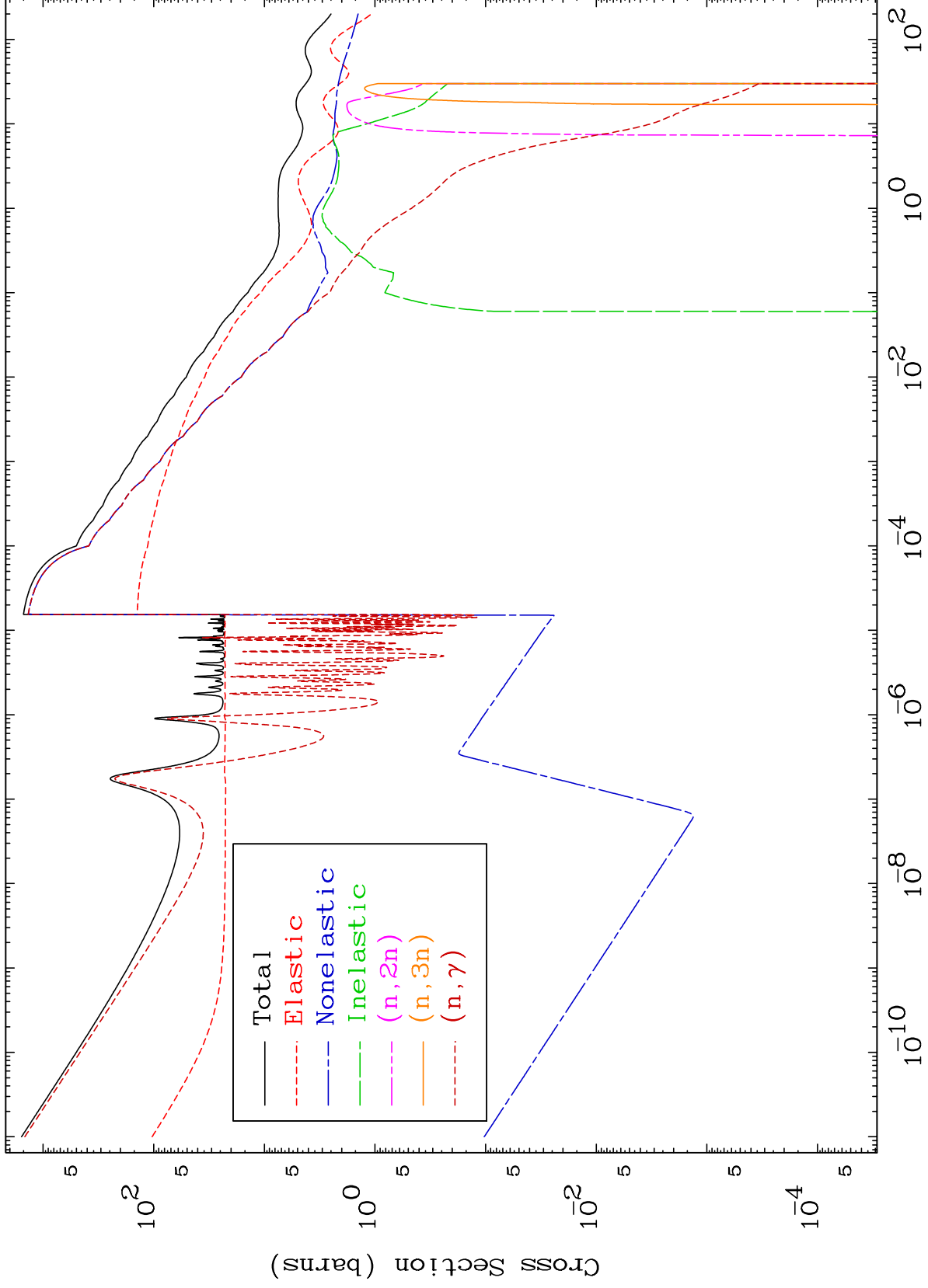
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6822

Neutron Major
293 Kelvin Cross Sections

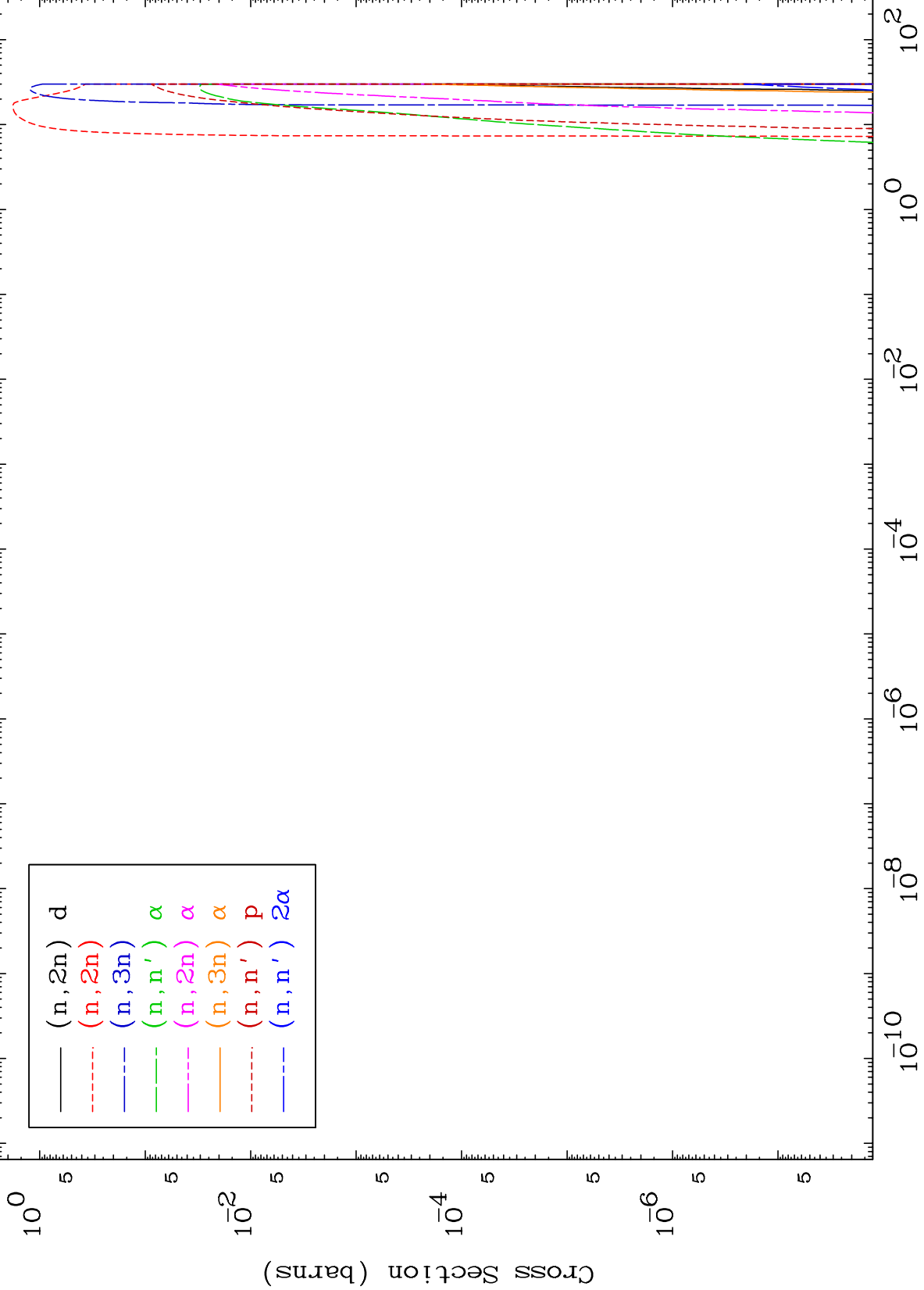
68-Er-161



MAT 68222

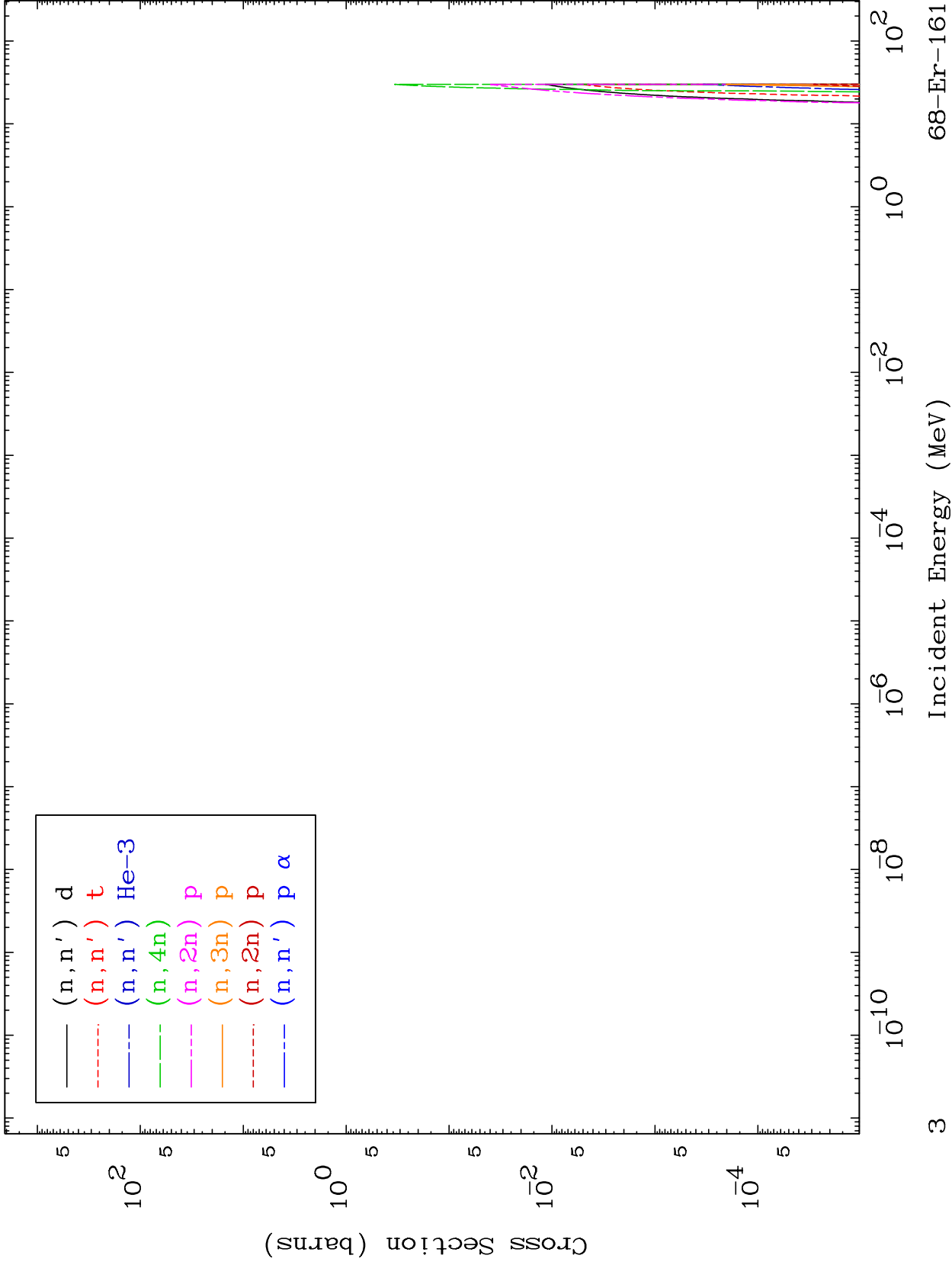
Neutron Absorption
293 Kelvin Cross Sections

68-Er-161



68-Er-161

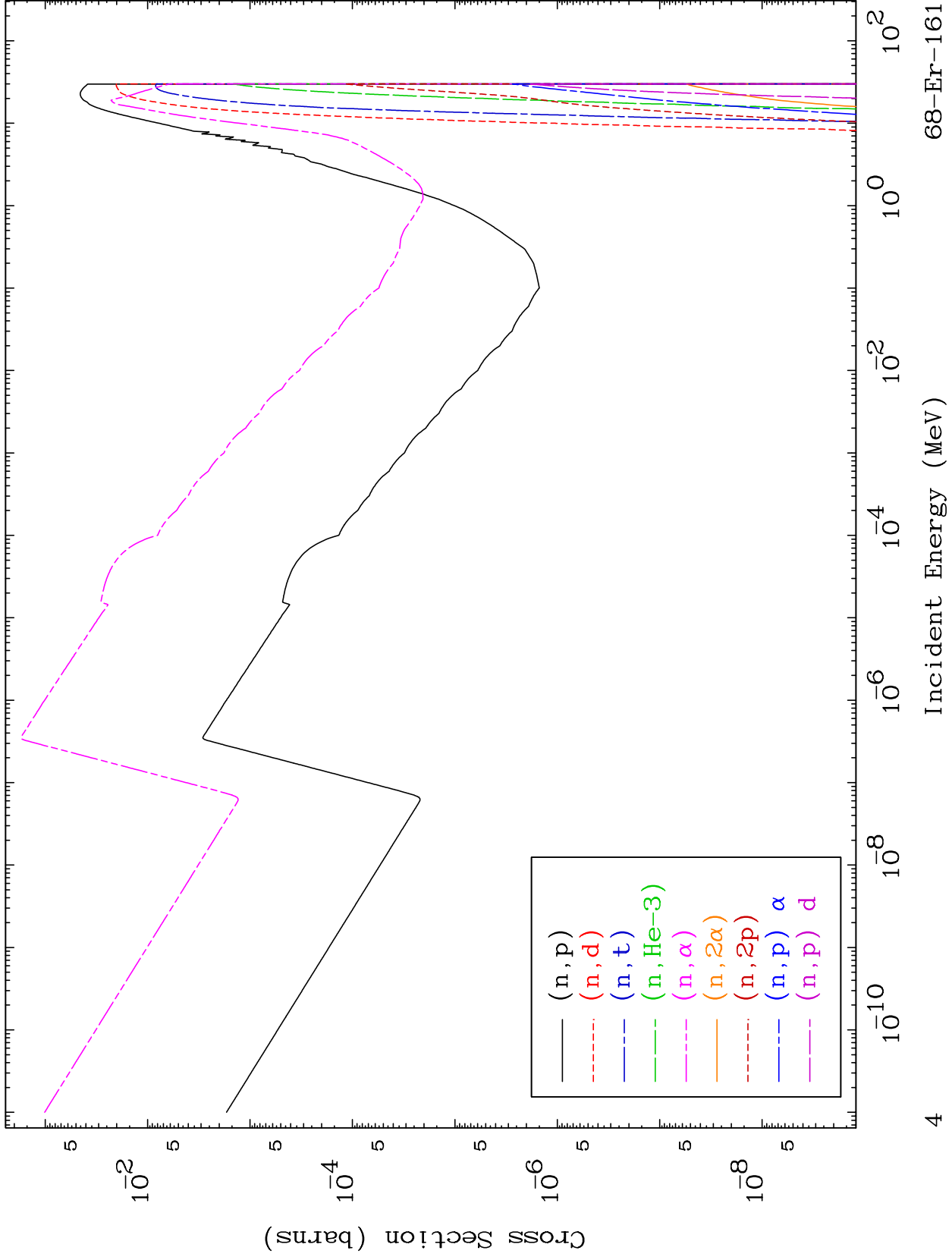
Incident Energy (MeV)

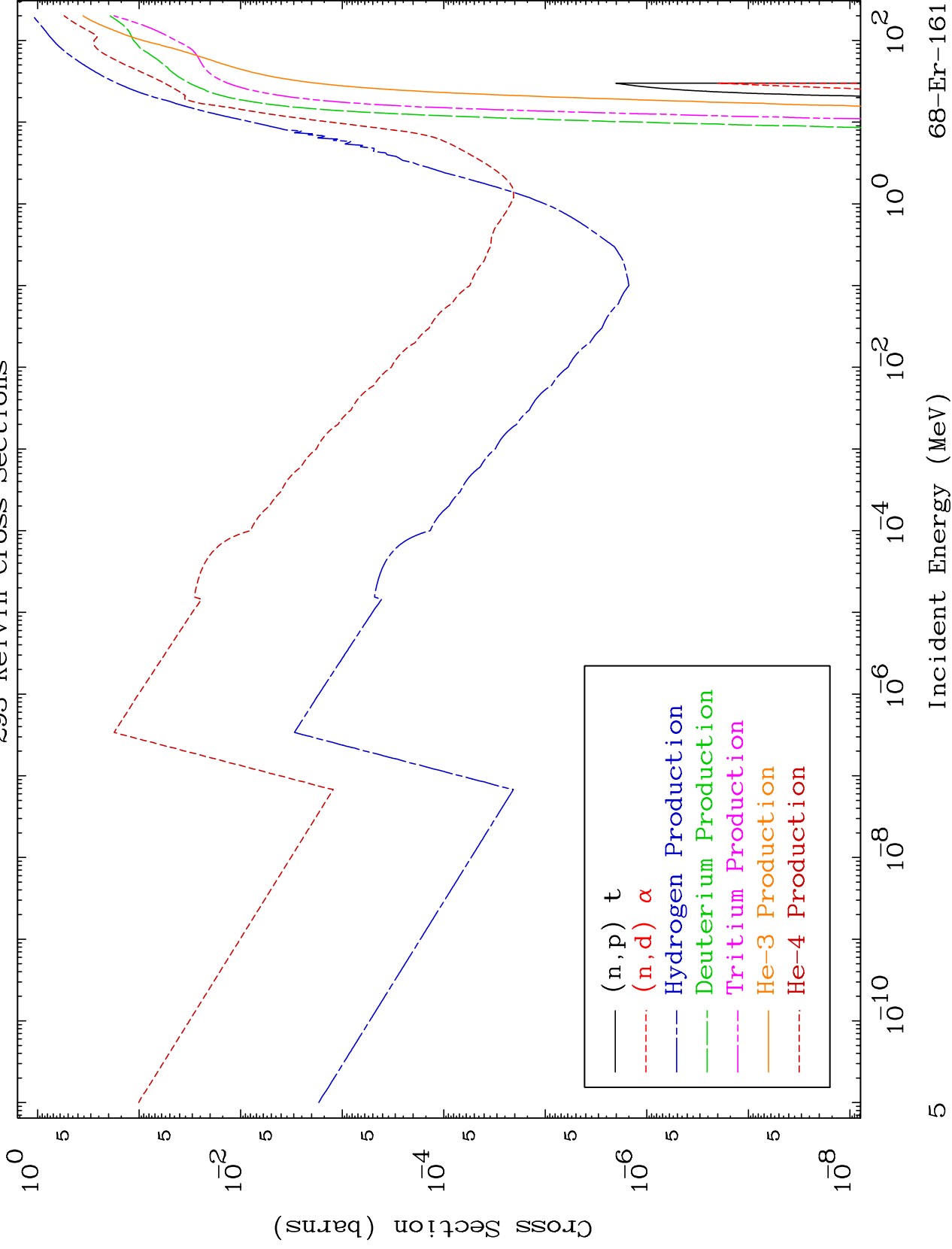


MAT 68222

Neutron Absorption
293 Kelvin Cross Sections

68-Er-161

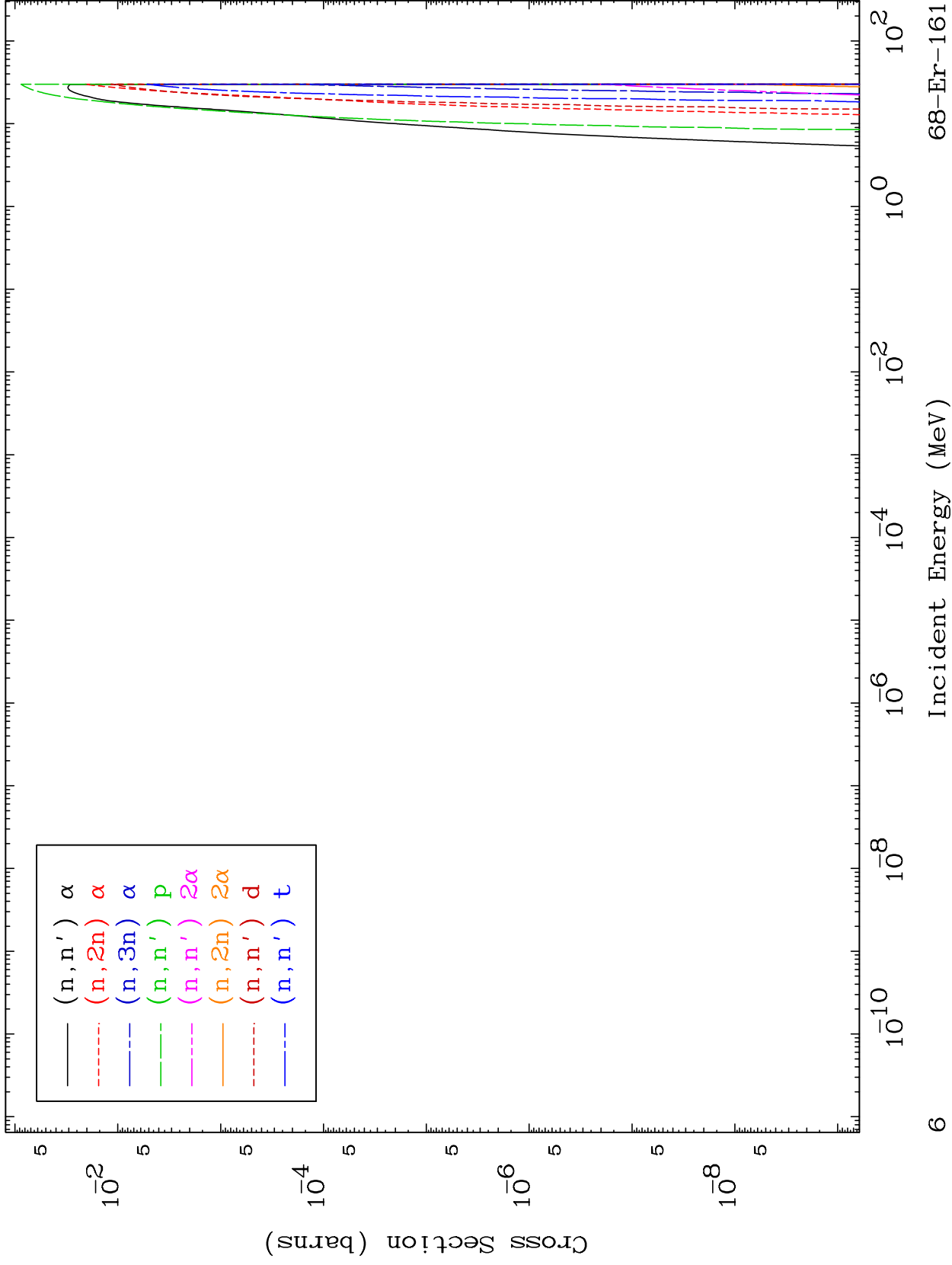




MAT 68222

Charged Particle
293 Kelvin Cross Sections

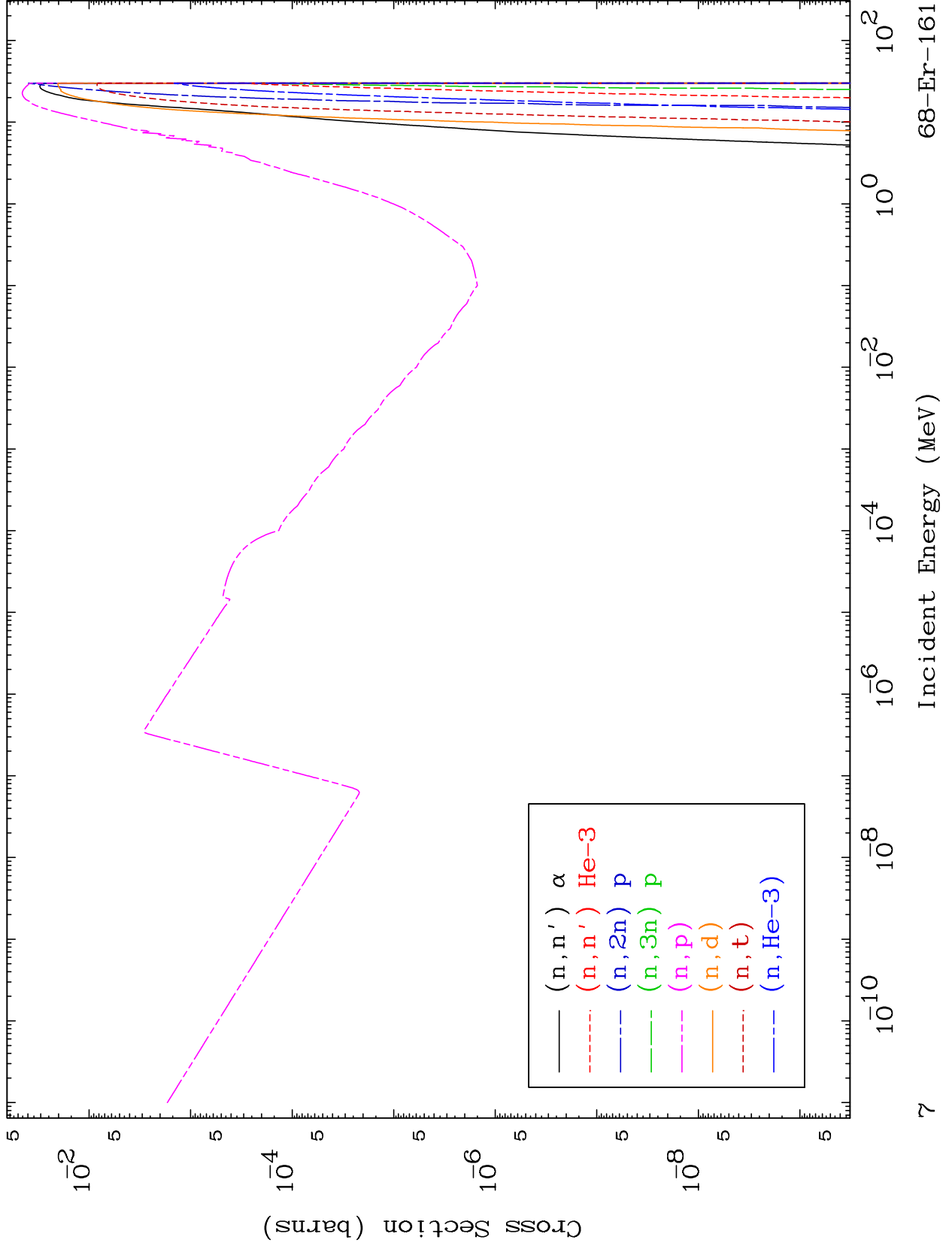
68-Er-161



MAT 6822

Charged Particle
293 Kelvin Cross Sections

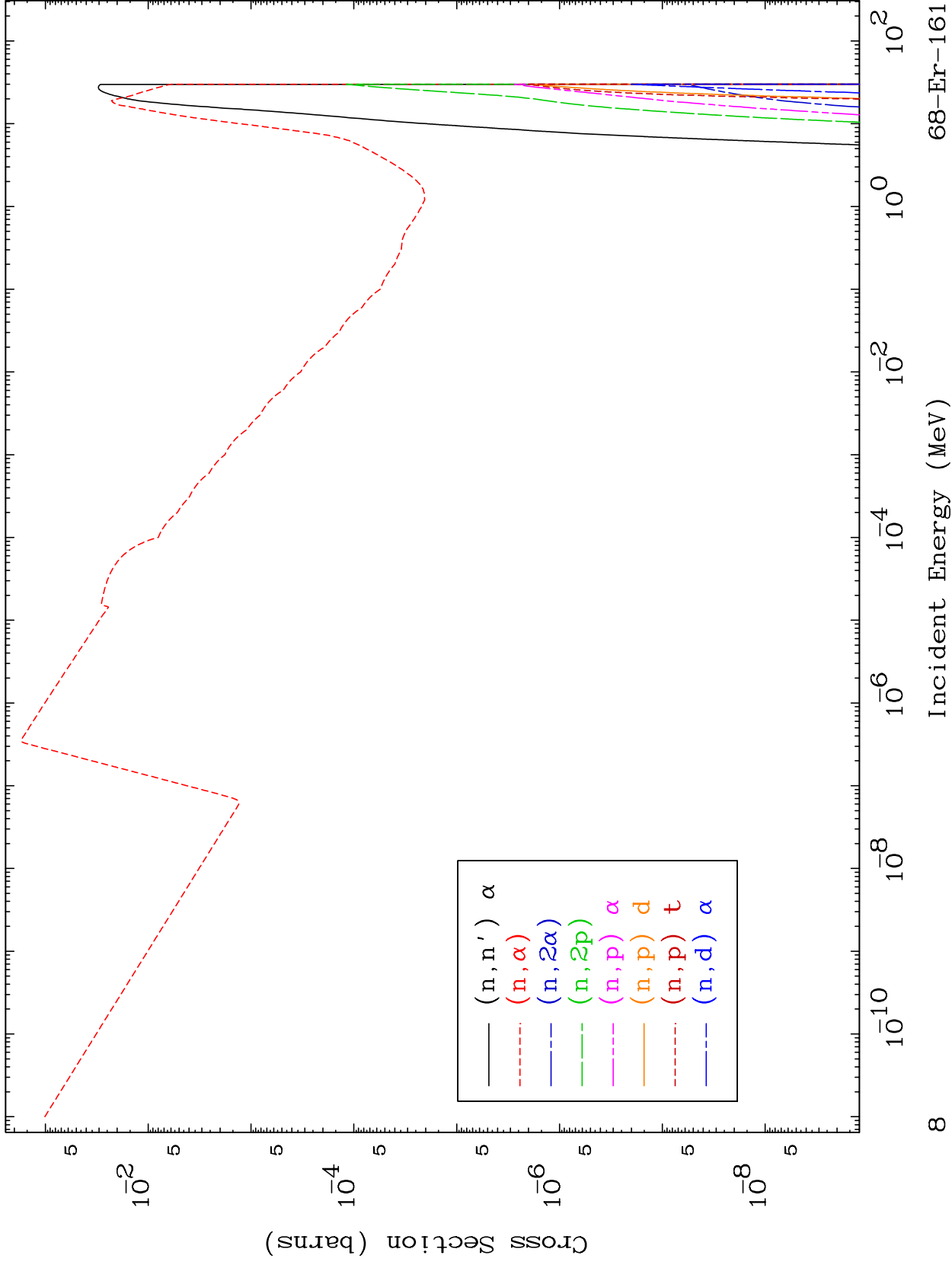
68-Er-161

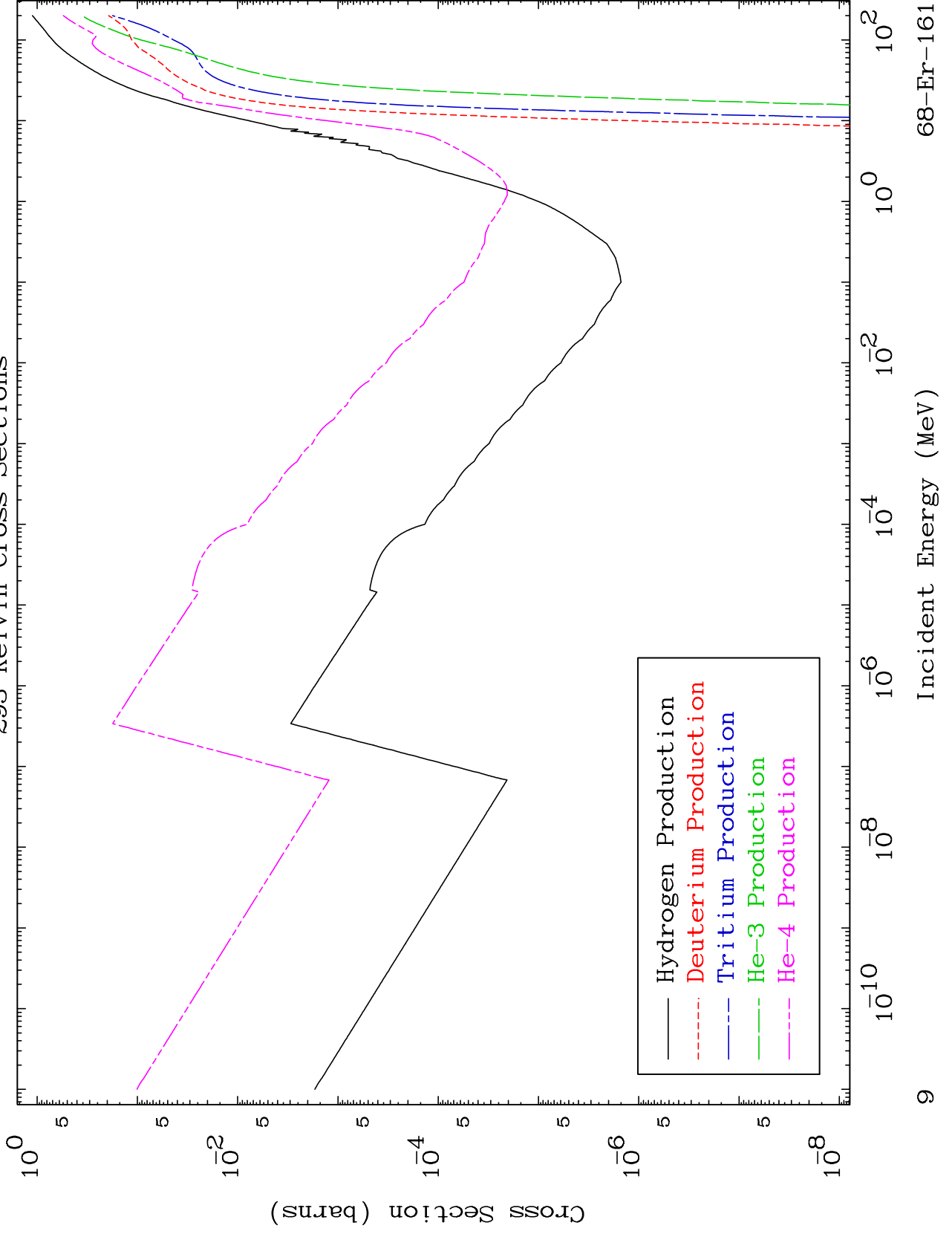


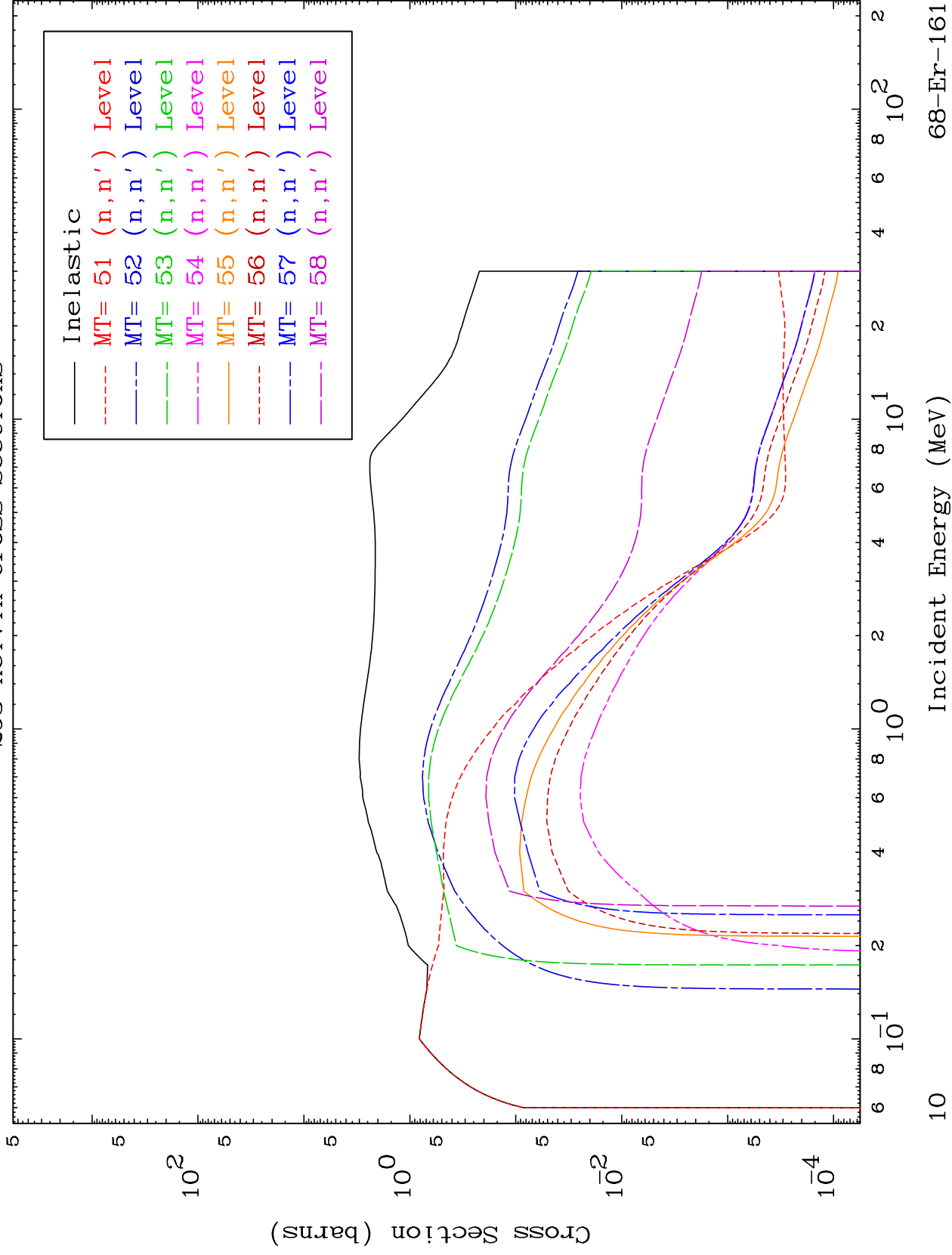
MAT 6822

Charged Particle
293 Kelvin Cross Sections

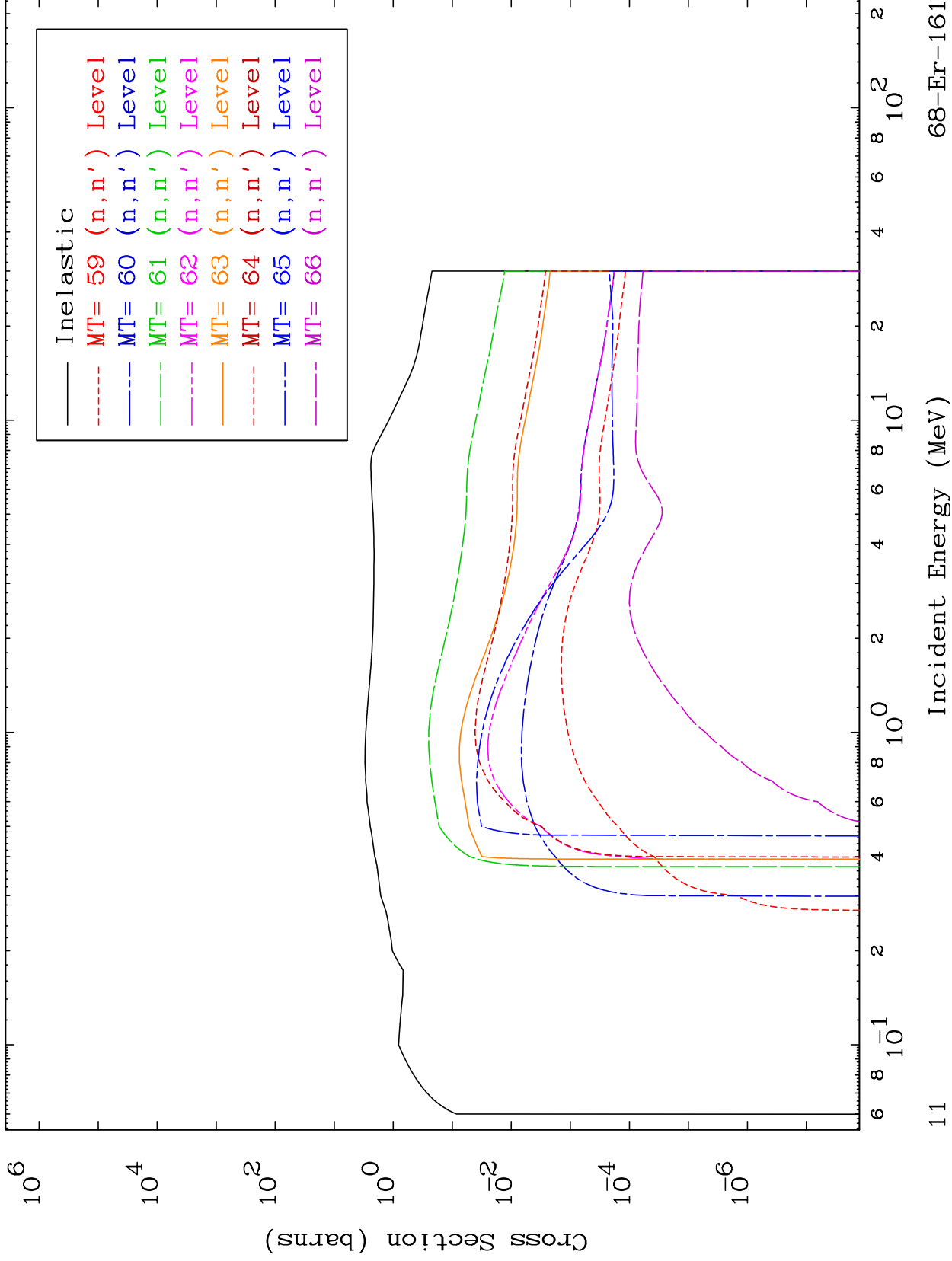
68-Er-161

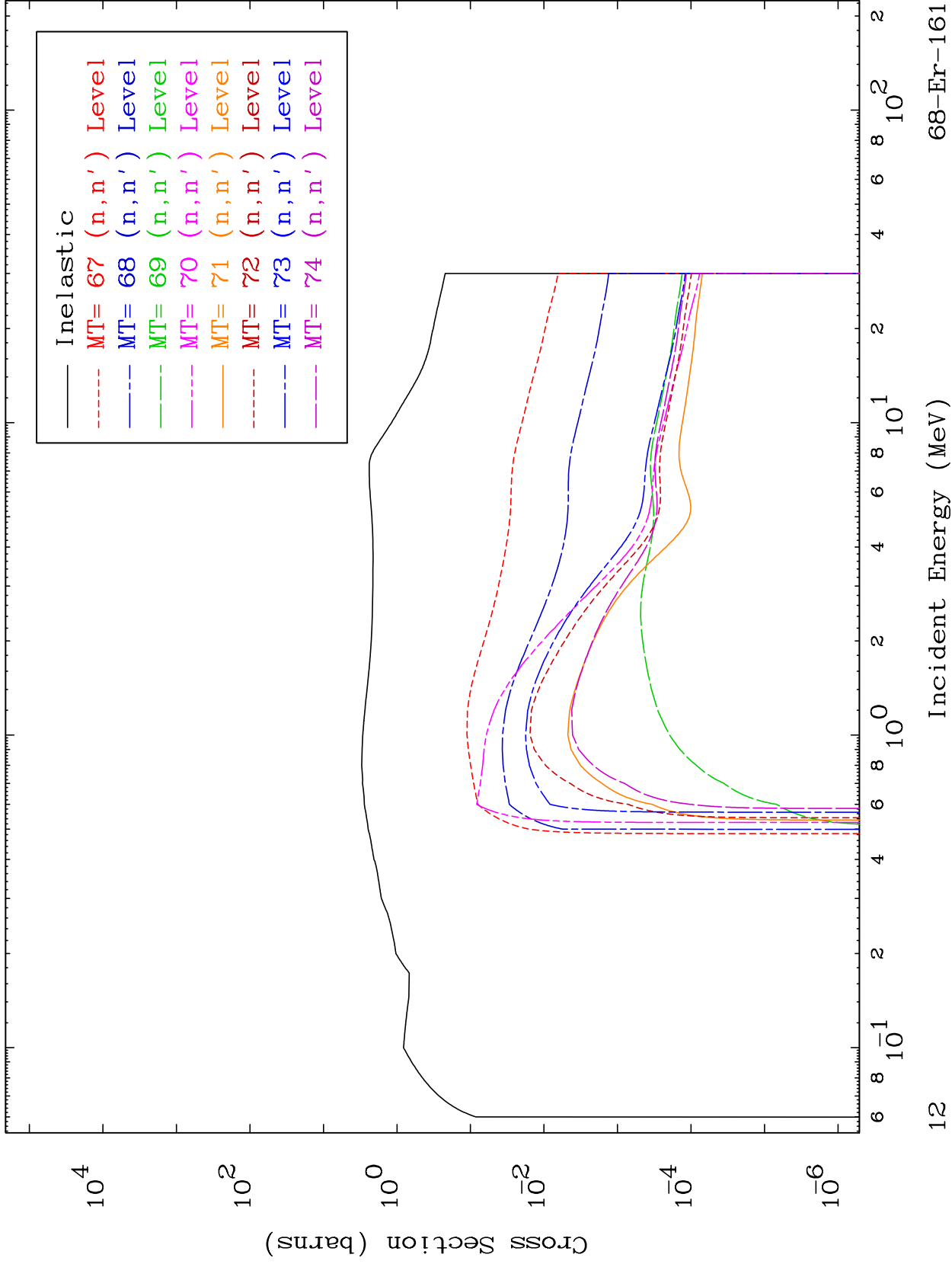


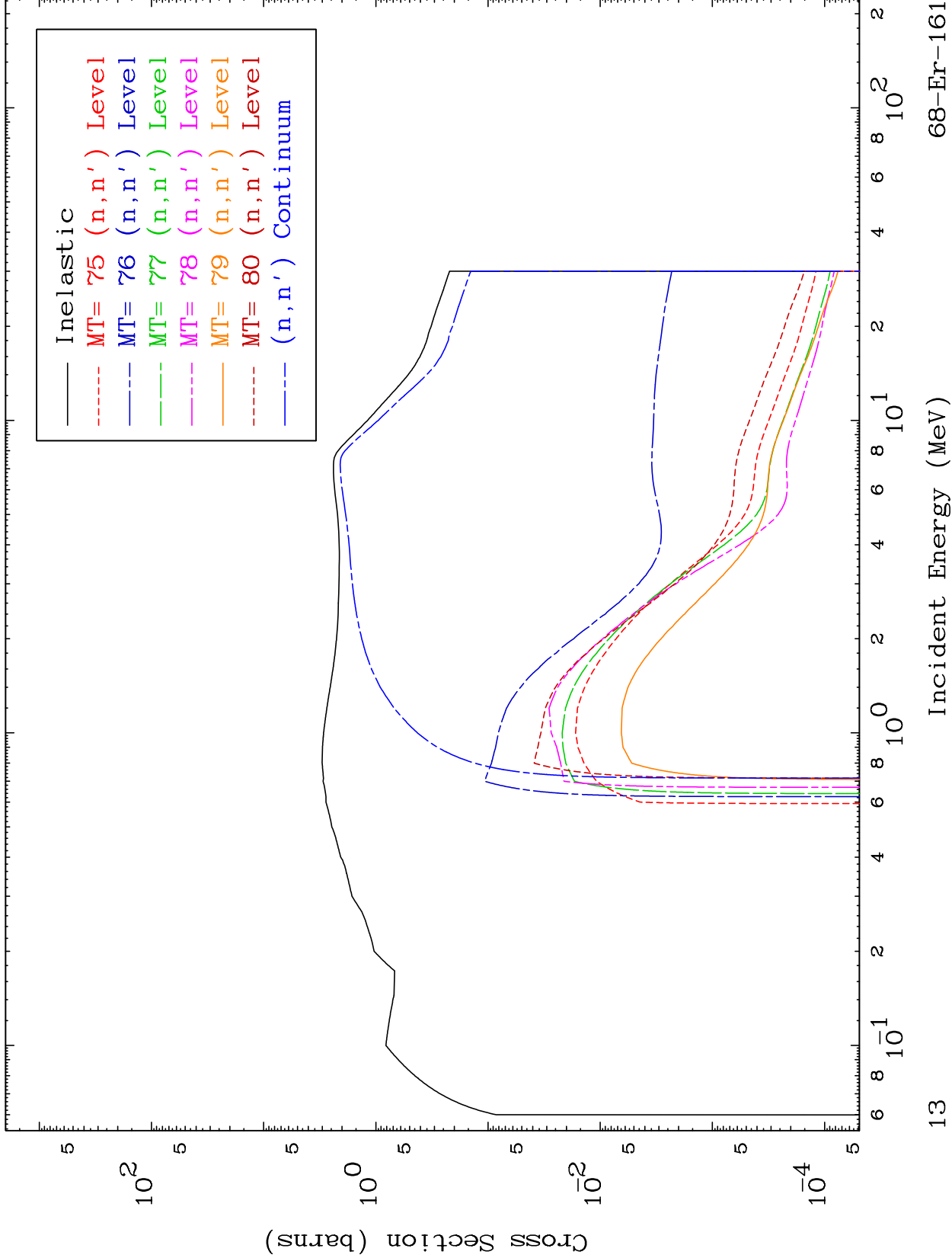




293 Kelvin Cross Sections



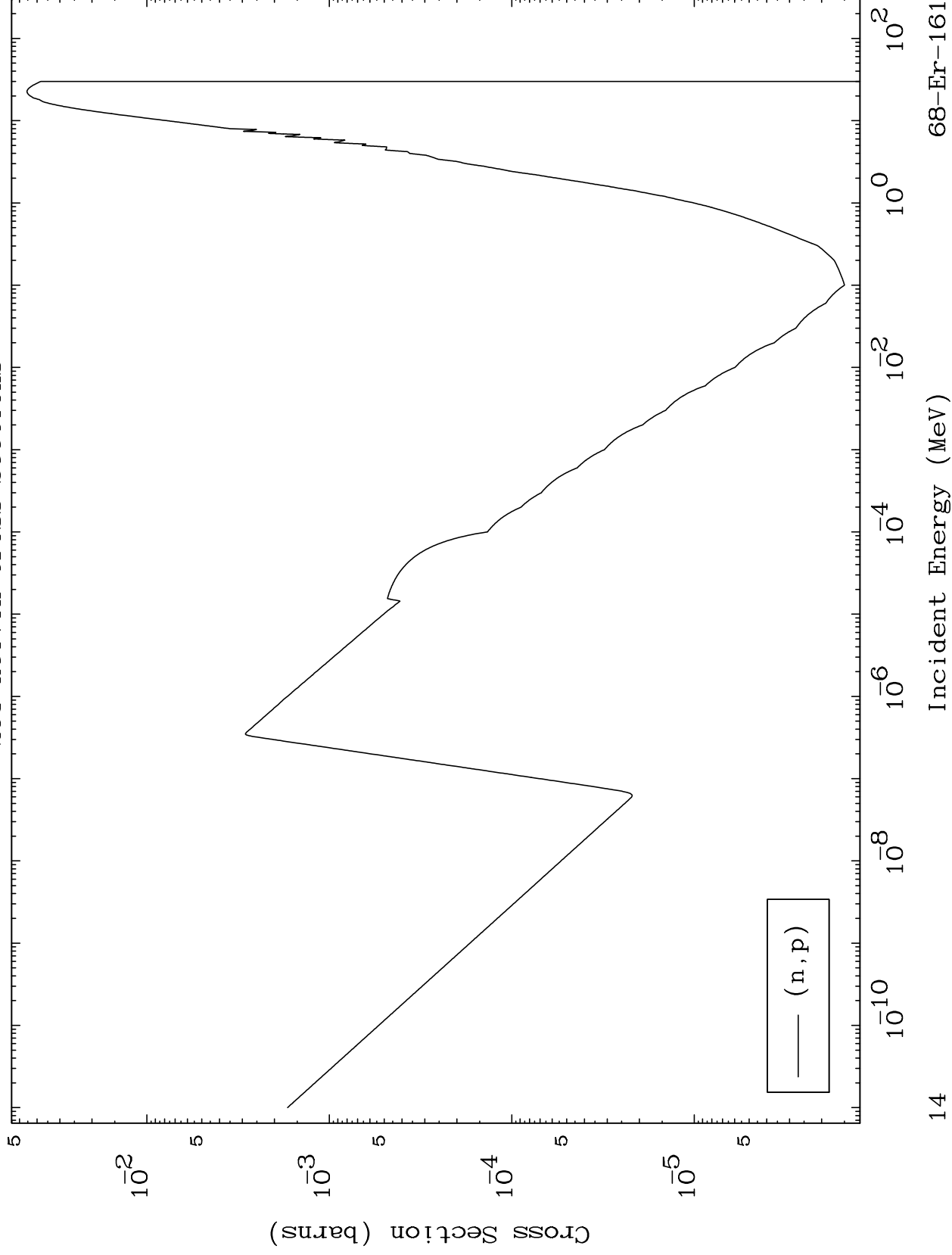




MAT 6822

(n,p) Levels
293 Kelvin Cross Sections

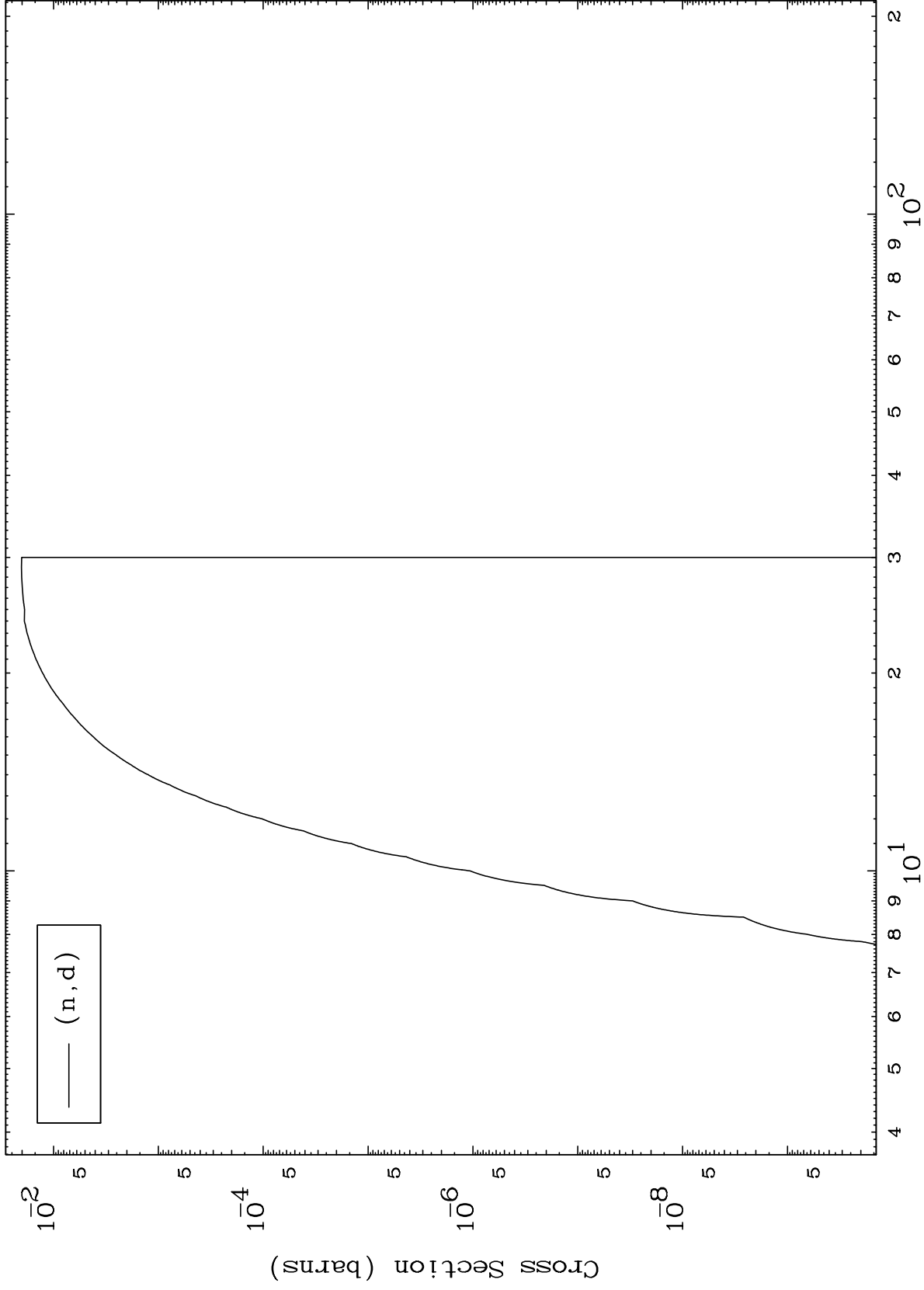
68-Er-161



MAT 6822

(n,d) Levels
293 Kelvin Cross Sections

68-Er-161



15

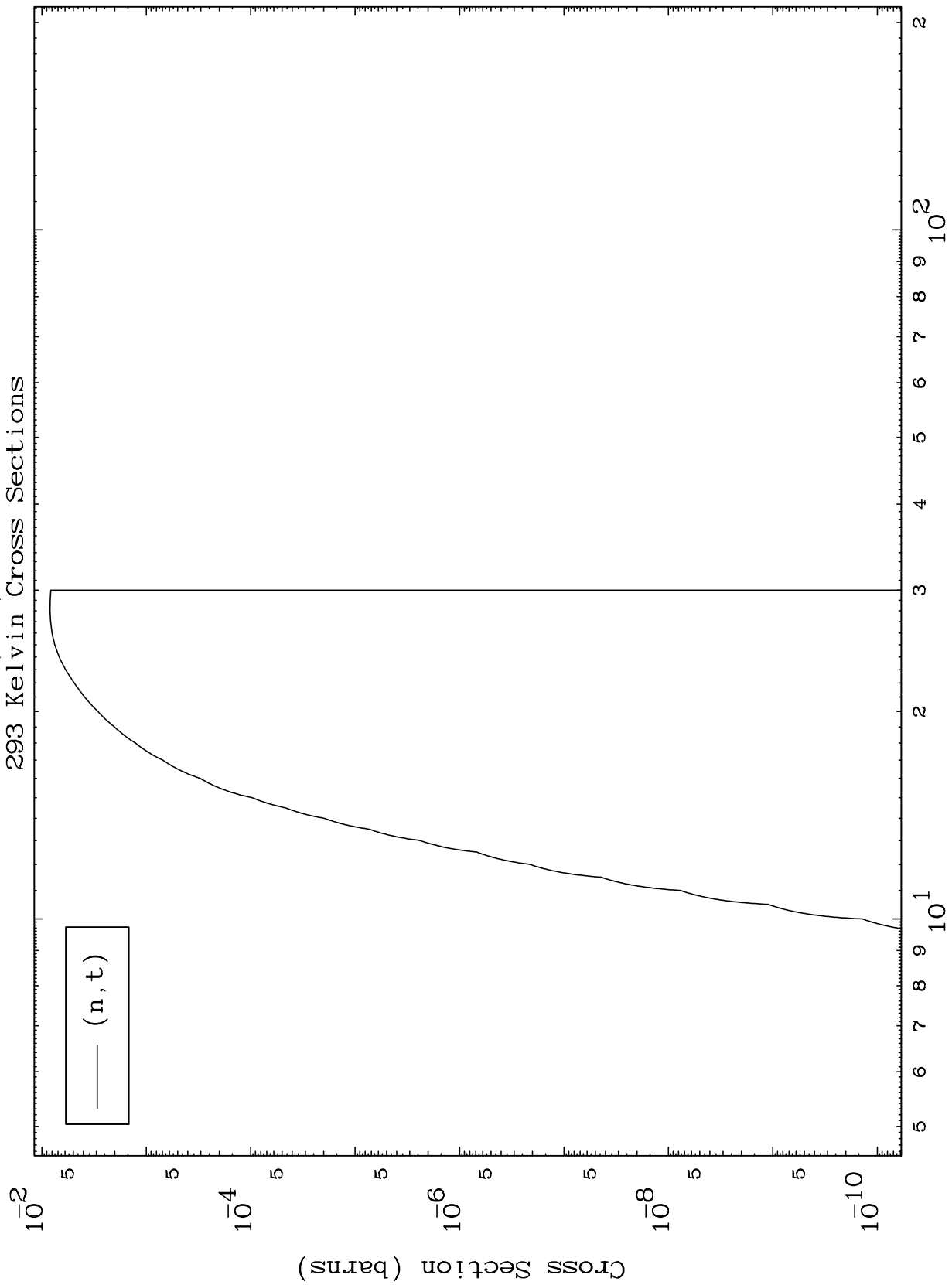
Incident Energy (MeV)

68-Er-161

MAT 6822

68-Er-161

(n,t) Levels
293 Kelvin Cross Sections



16

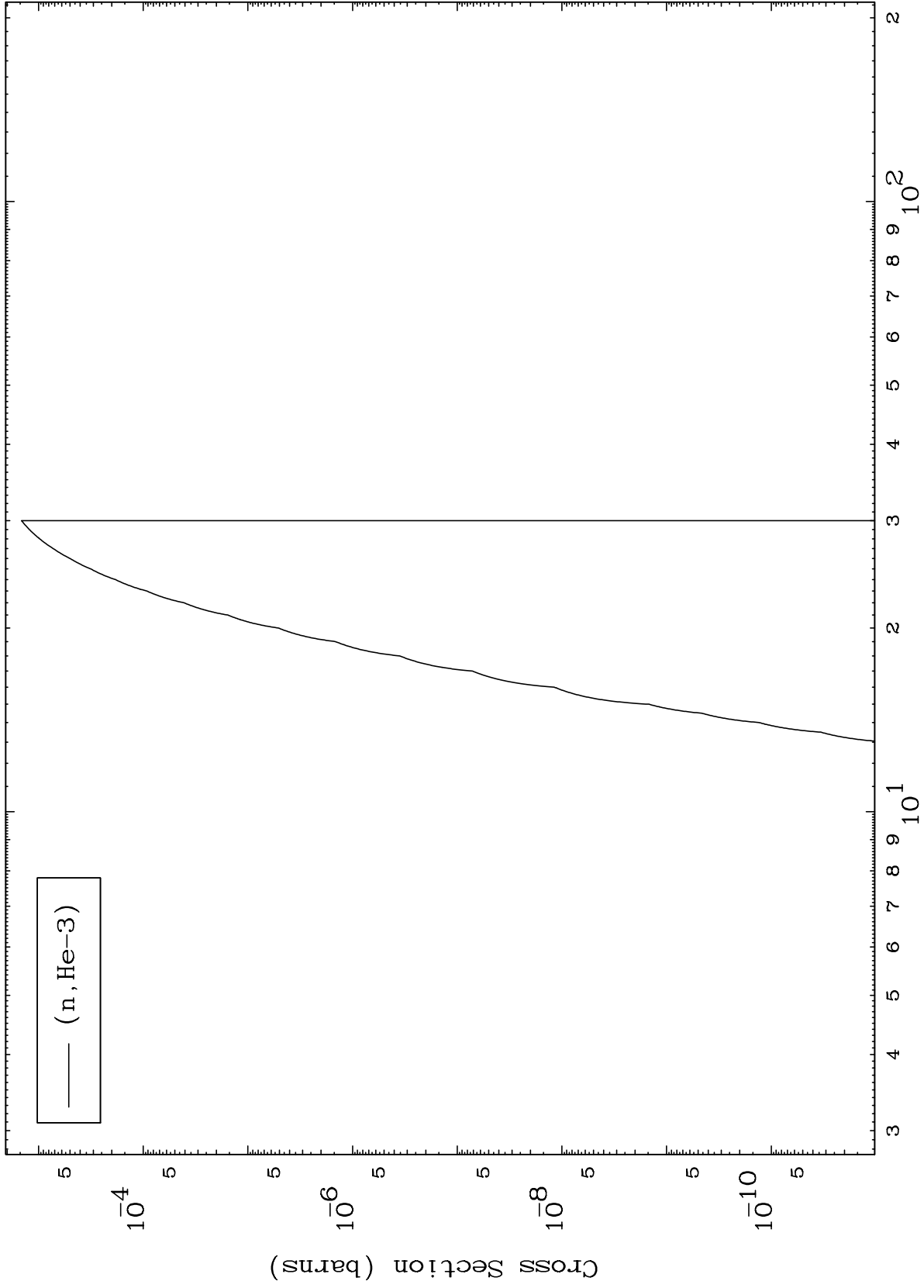
Incident Energy (MeV)

68-Er-161

MAT 6822

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-161



17

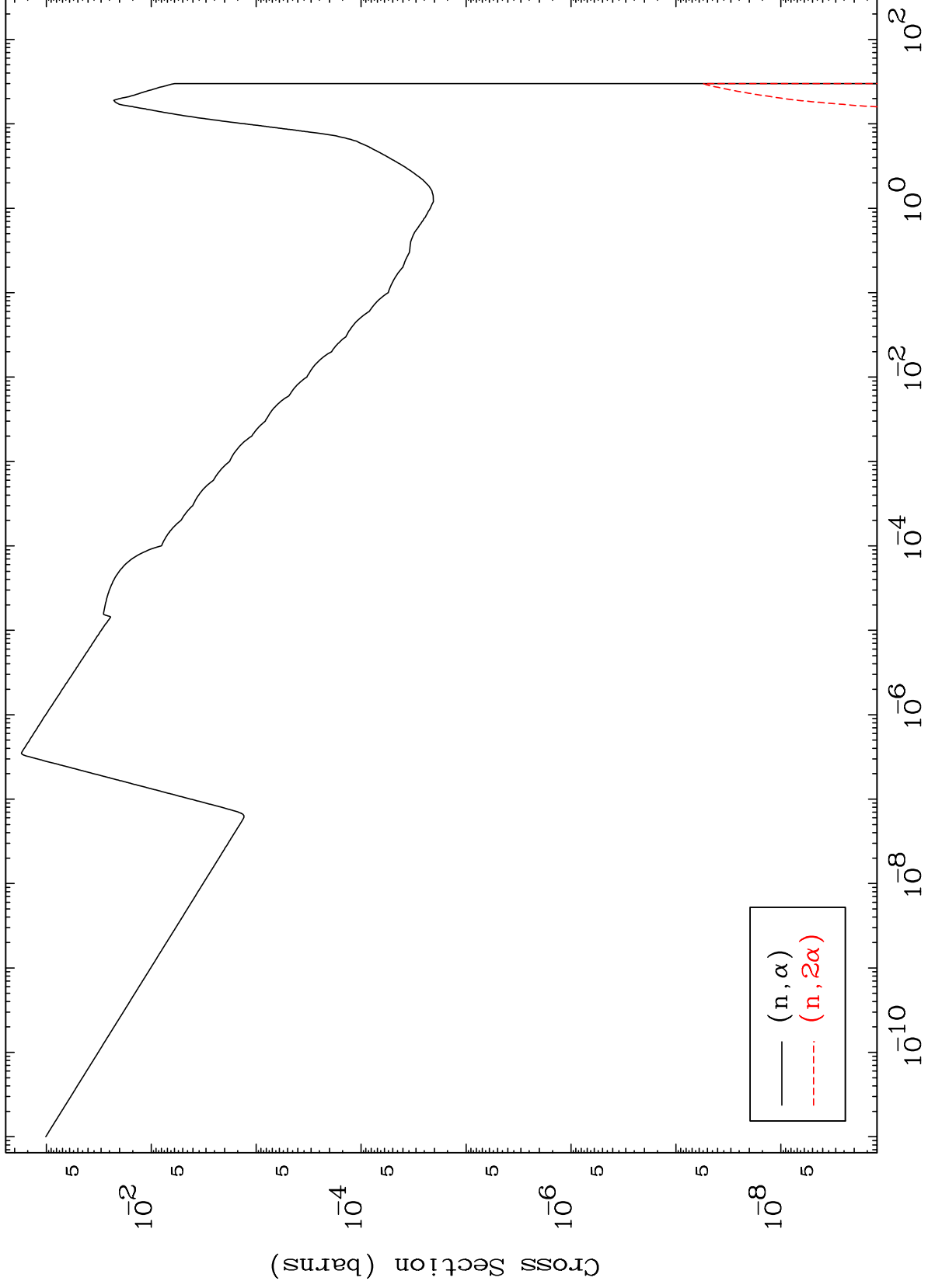
Incident Energy (MeV)

68-Er-161

MAT 68222

(n, α) Levels
293 Kelvin Cross Sections

68-Er-161



18

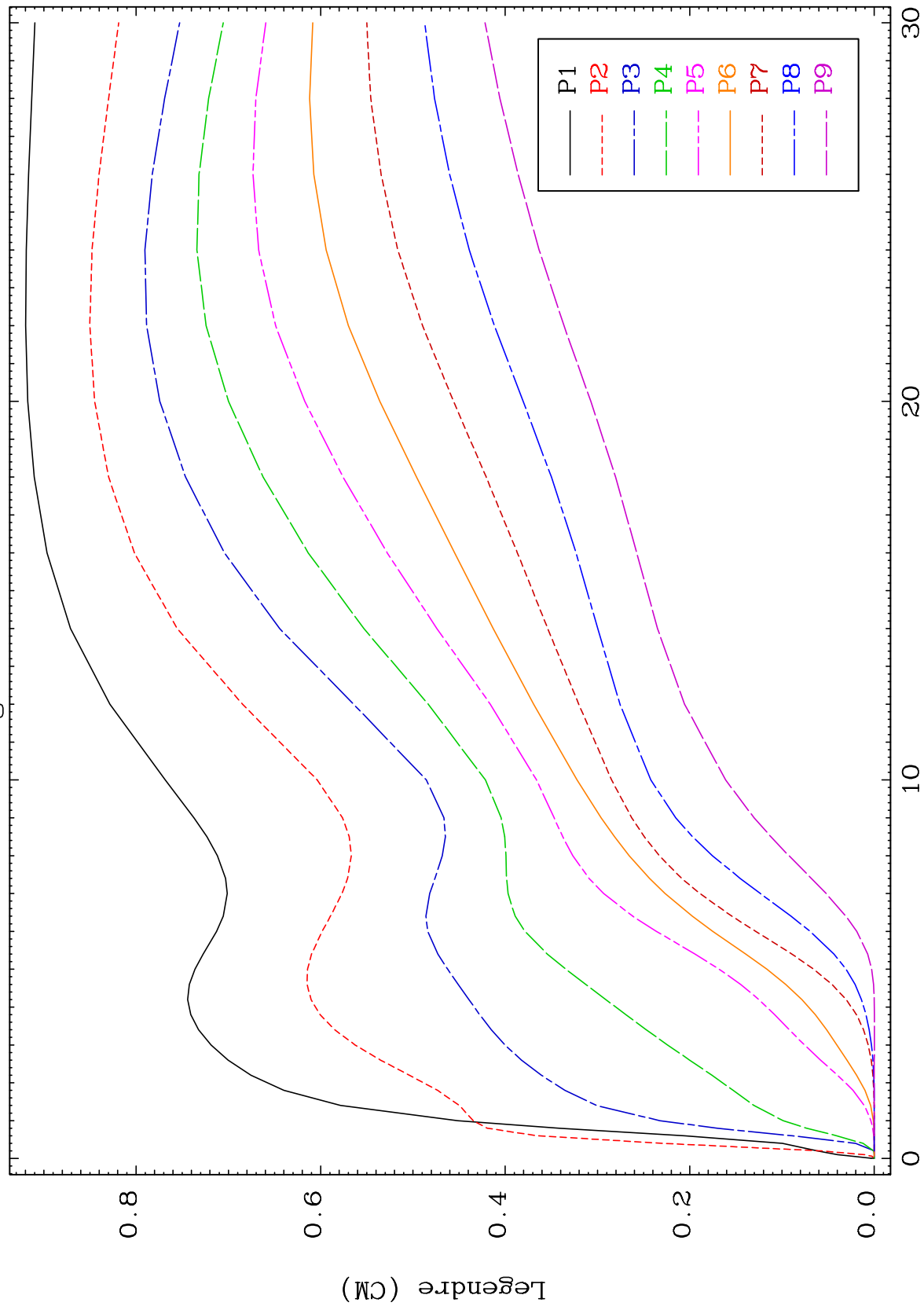
Incident Energy (MeV)

68-Er-161

MAT 6822

Elastic Legendre Coefficients

68-Er-161



19

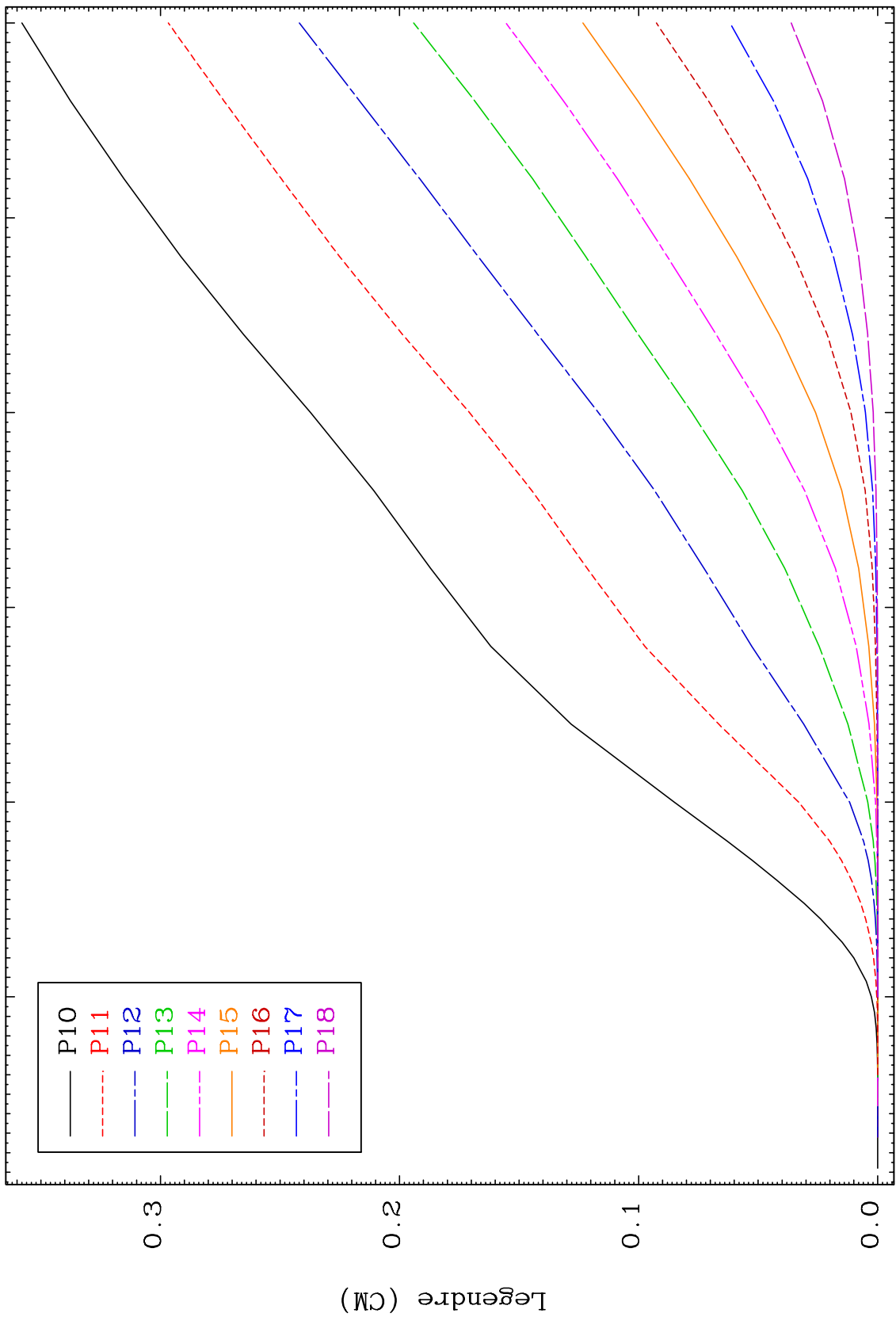
Incident Energy (MeV)

68-Er-161

MAT 68222

Elastic Legendre Coefficients

68-Er-161



20

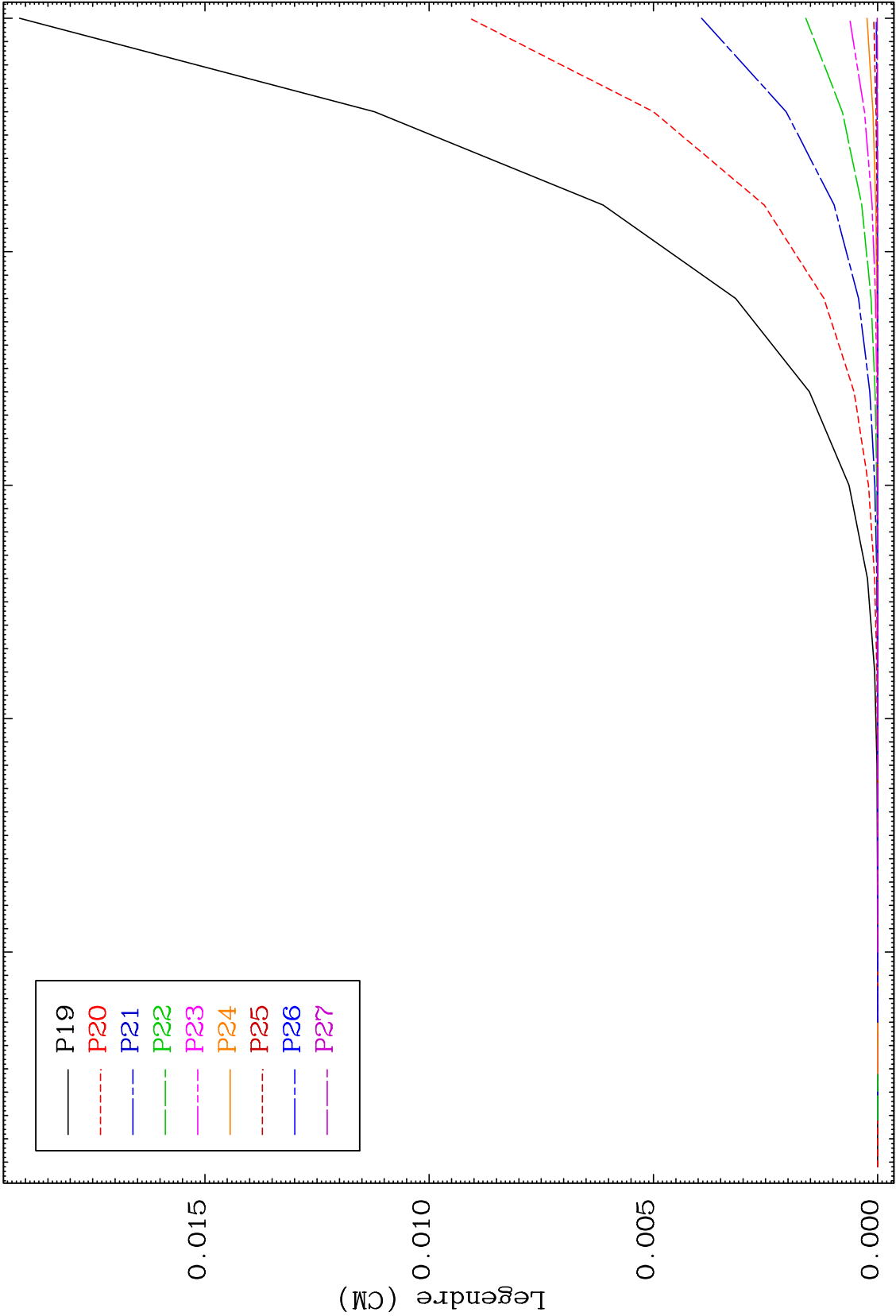
Incident Energy (MeV)

68-Er-161

MAT 68222

Elastic Legendre Coefficients

68-Er-161



21

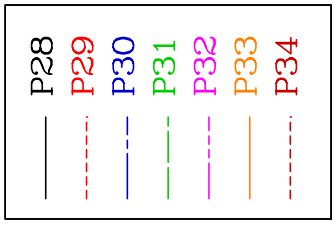
Incident Energy (MeV)

68-Er-161

MAT 68222

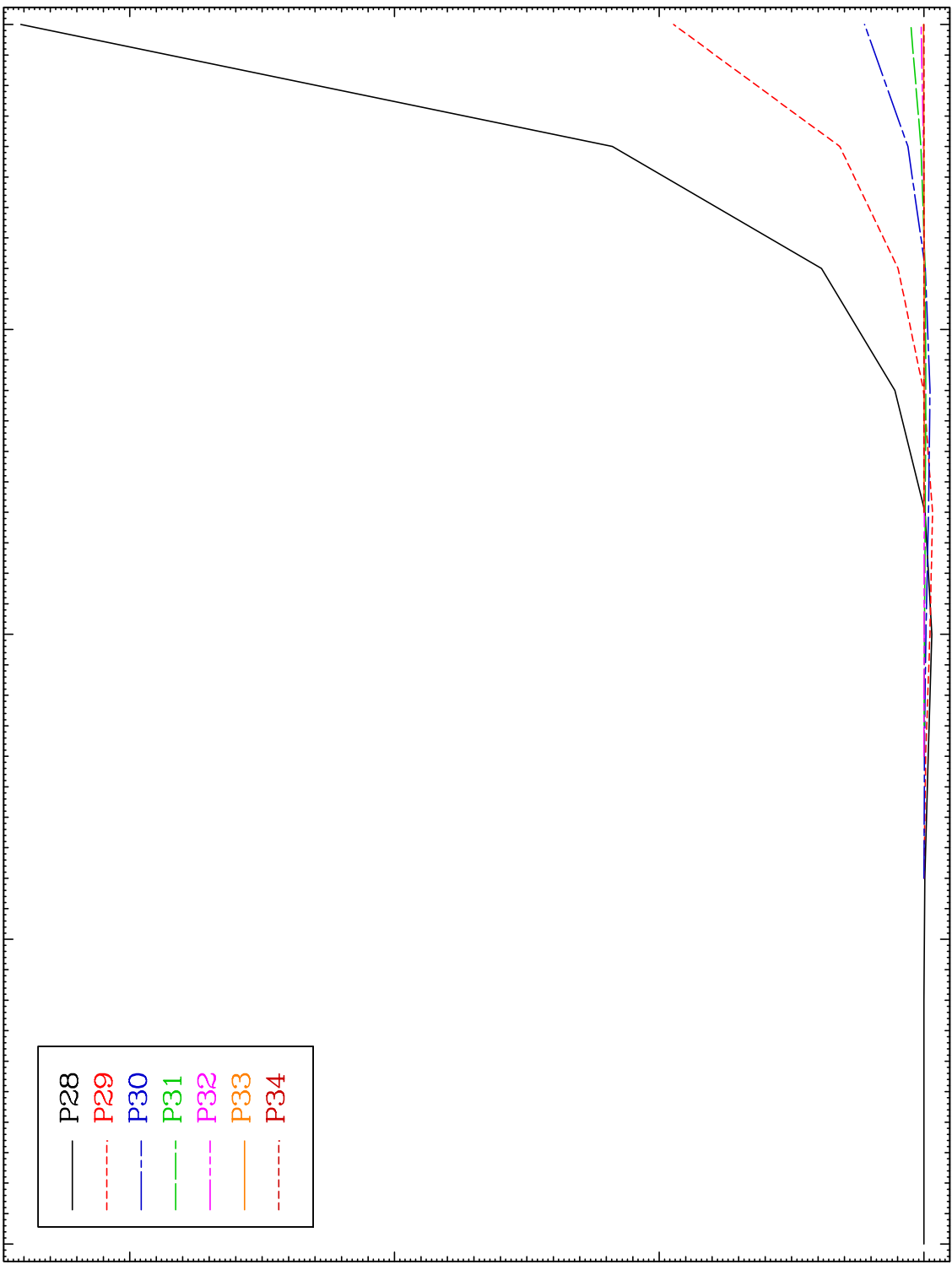
Elastic Legendre Coefficients

68-Er-161



$\times 10^{-6}$

Legendre (CM)



30

25

20

15

10

Incident Energy (MeV)

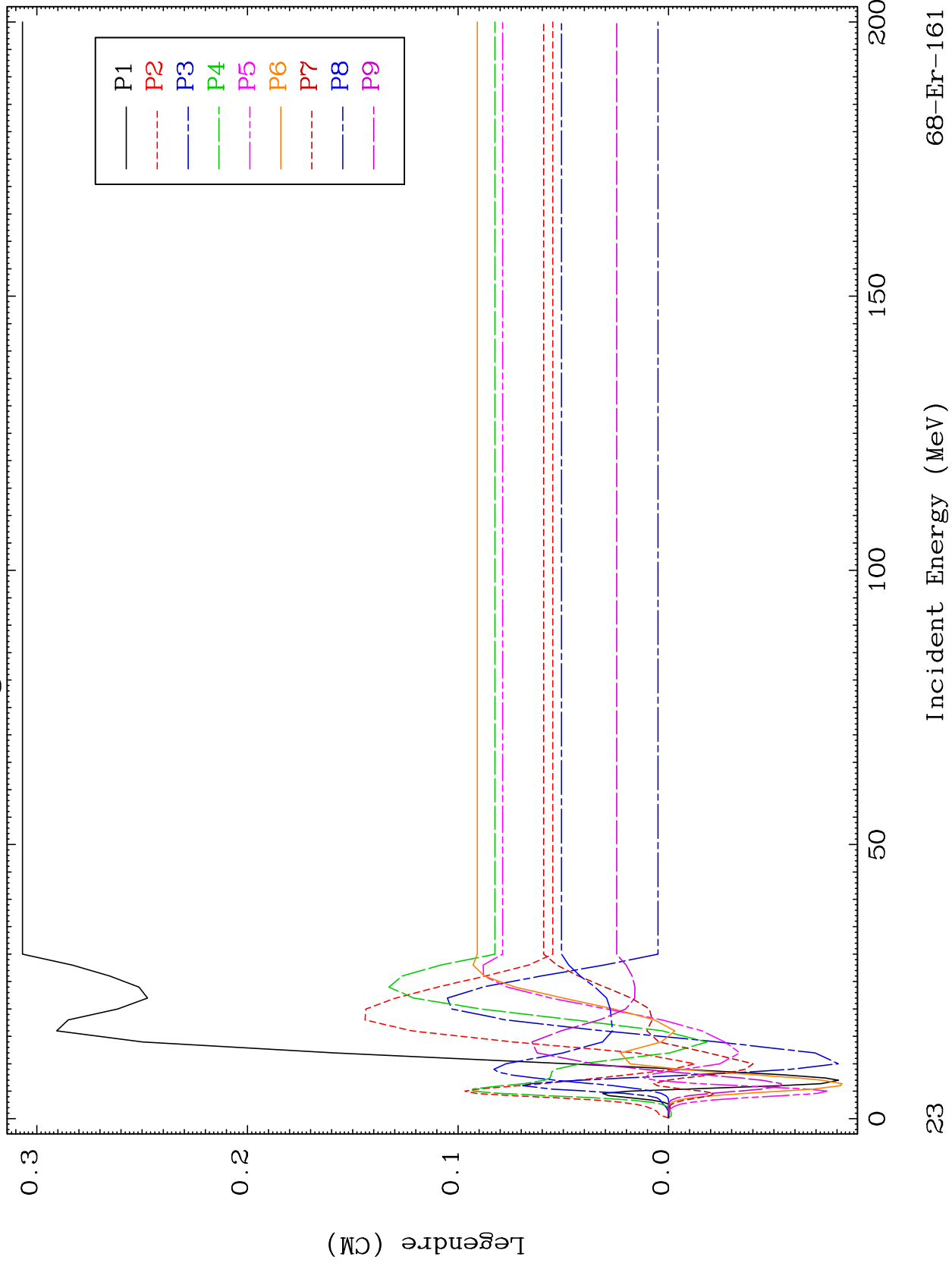
68-Er-161

22

MAT 68222

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

68-Er-161



68-Er-161

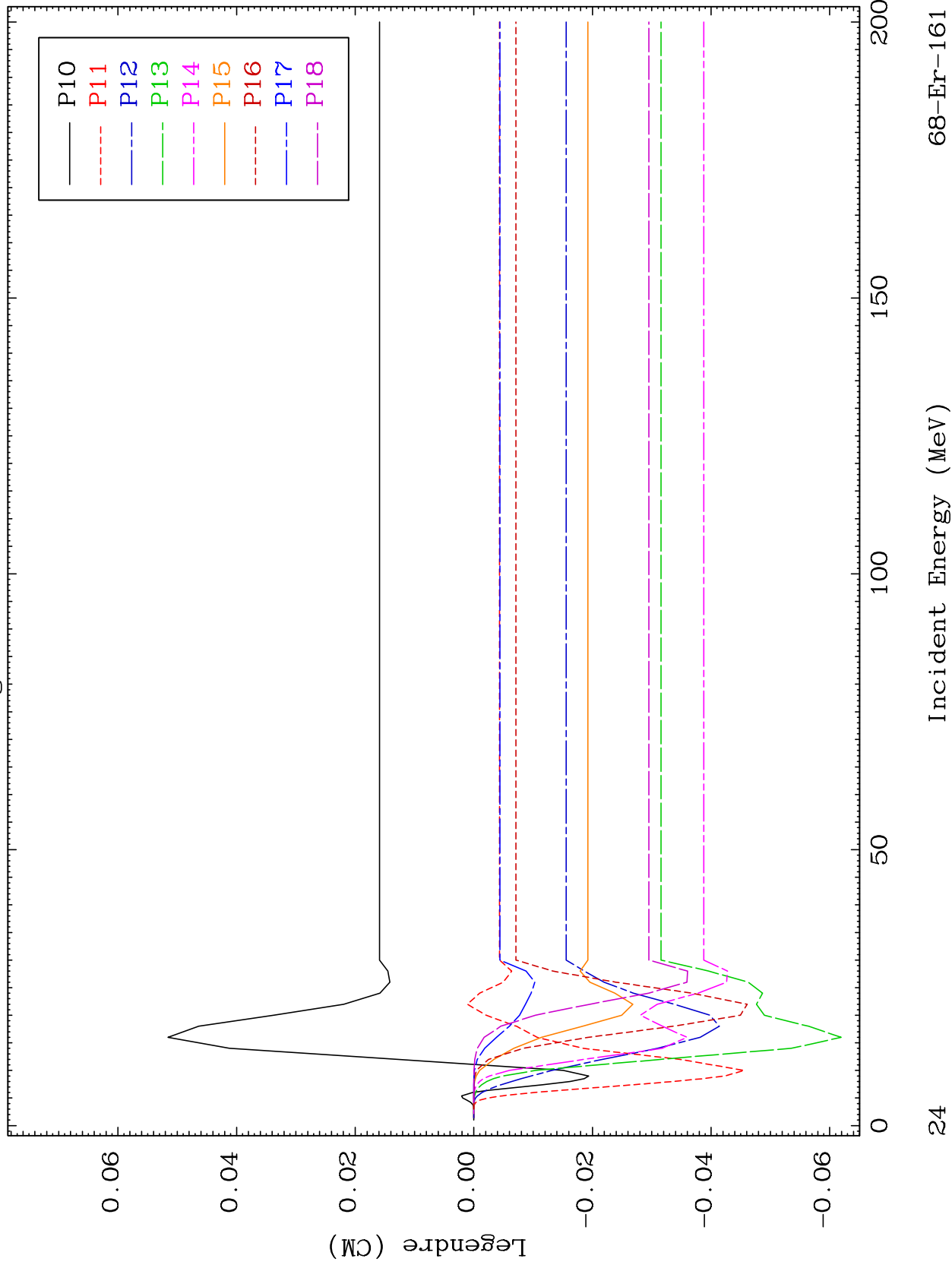
Incident Energy (MeV)

23

MAT 6822

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

68-Er-161



24

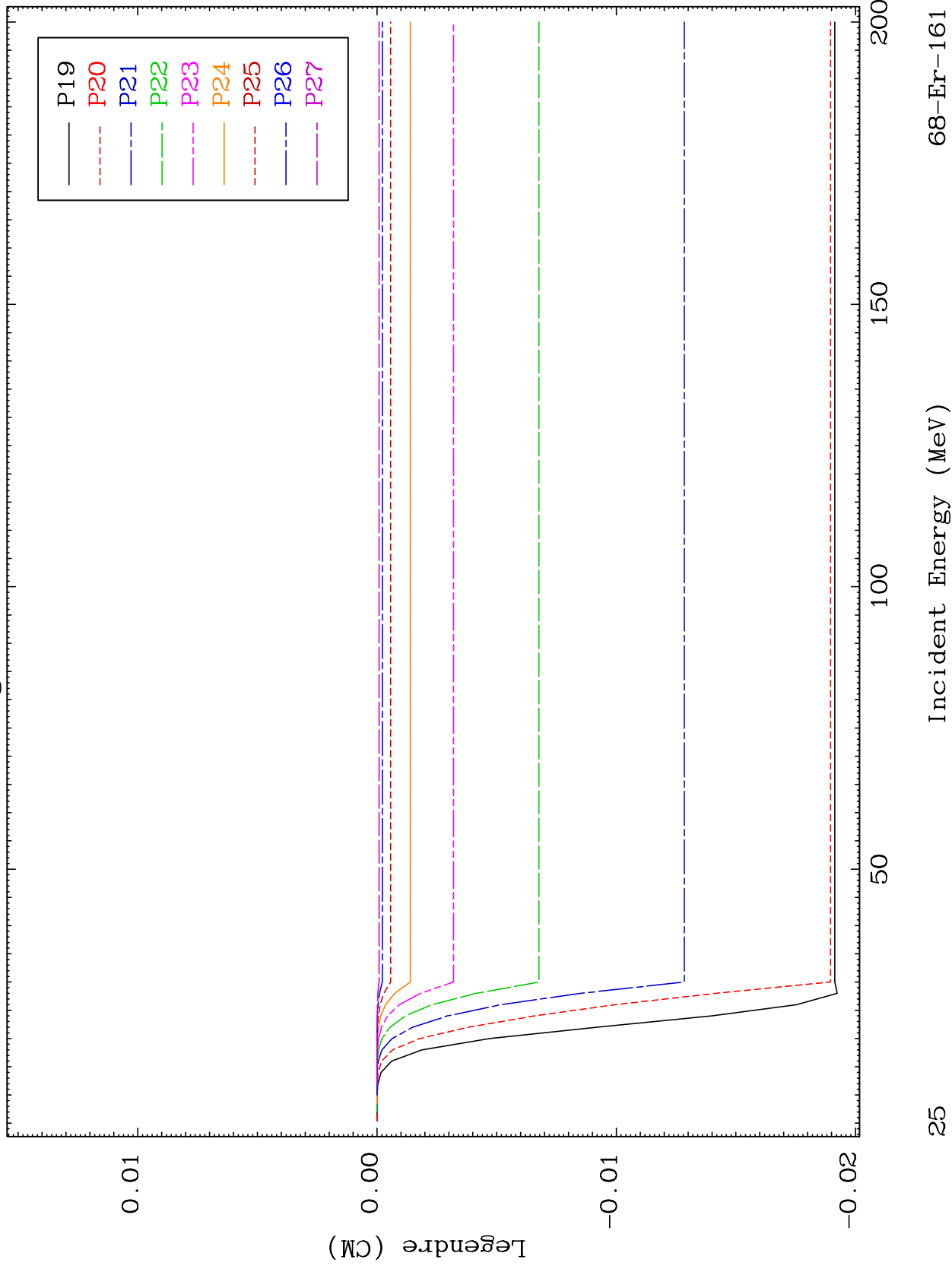
Incident Energy (MeV)

68-Er-161

MAT 6822

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

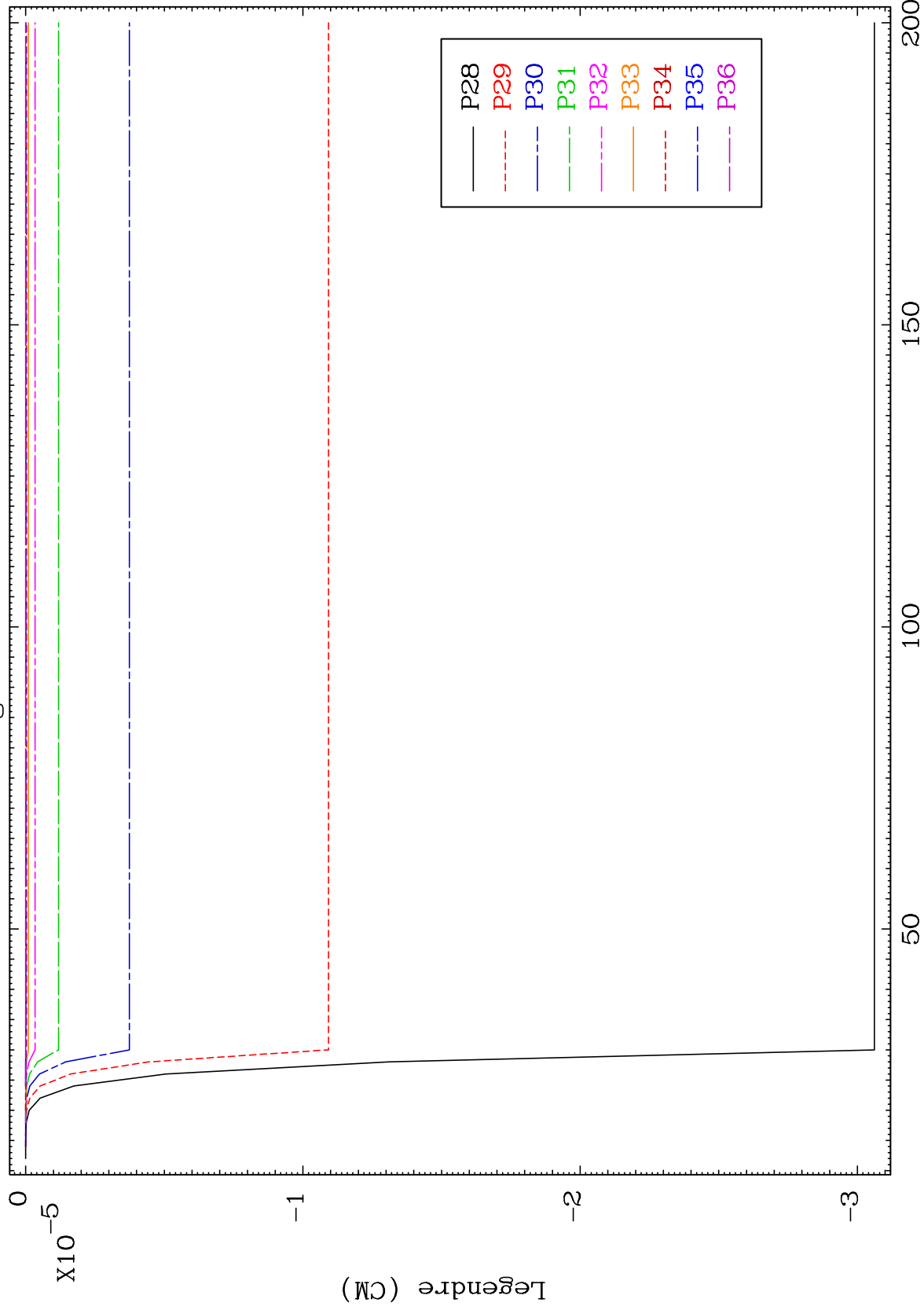
68-Er-161



68-Er-161

Incident Energy (MeV)

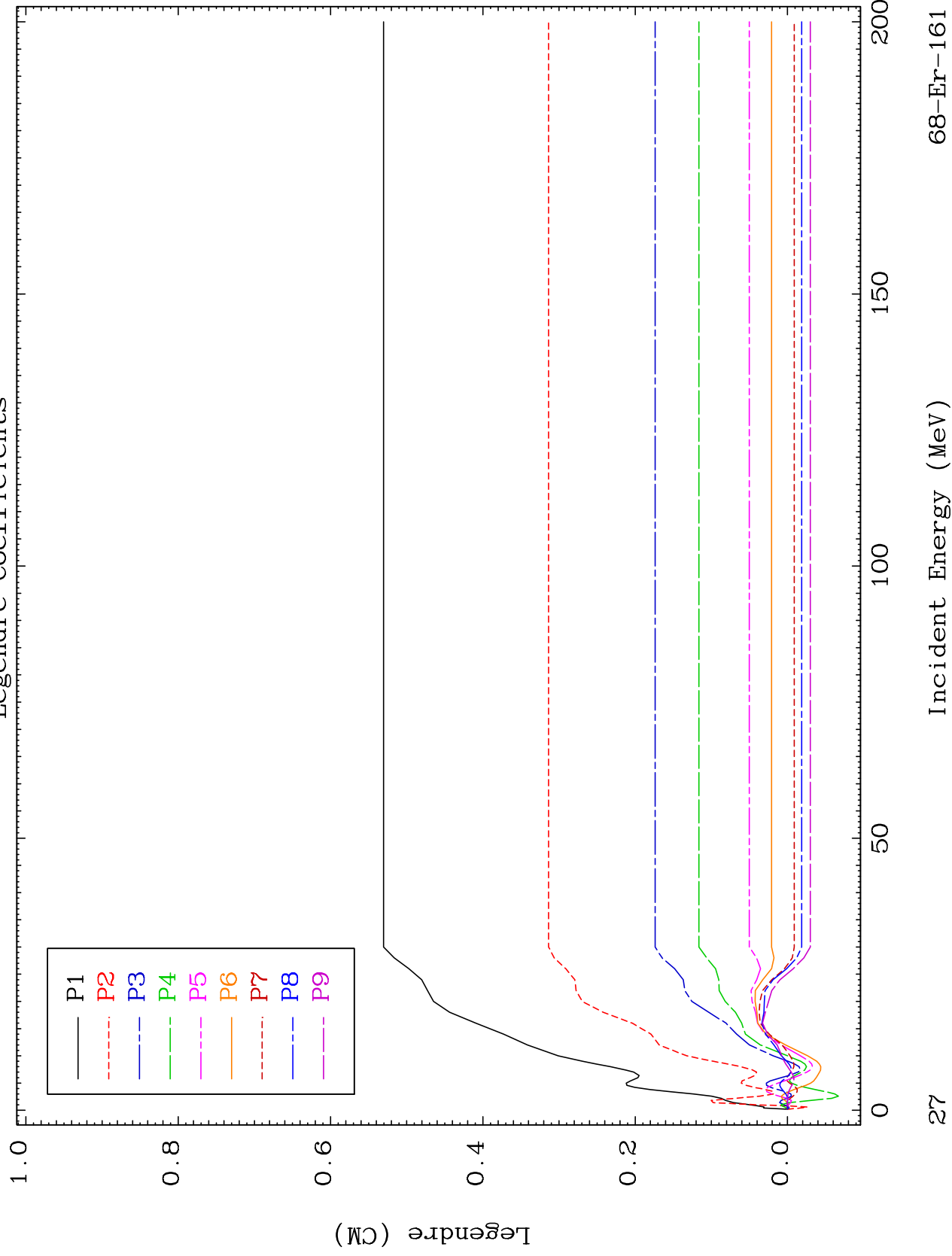
25



MAT 68222

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

68-Er-161



68-Er-161

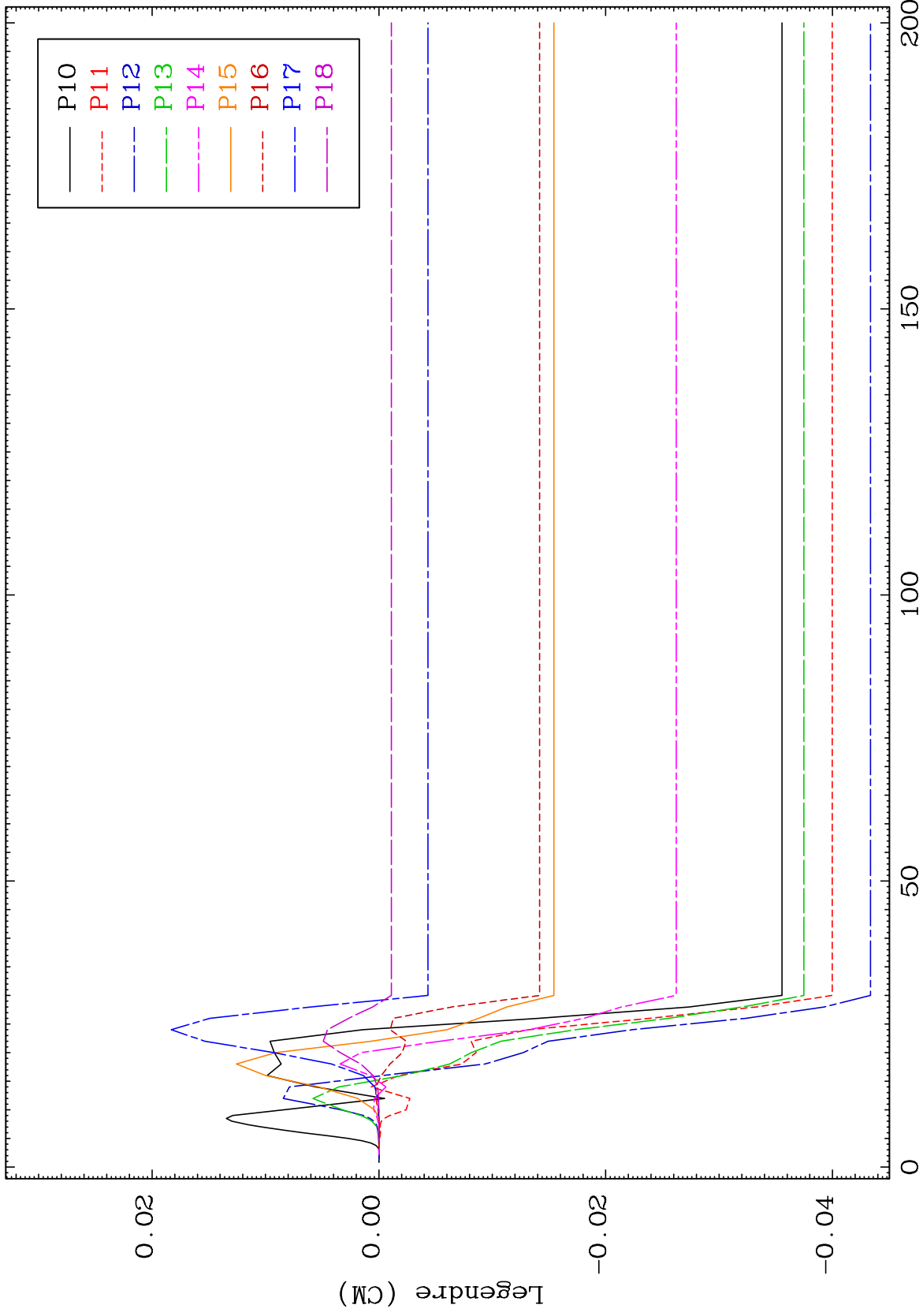
Incident Energy (MeV)

27

MAT 6822

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

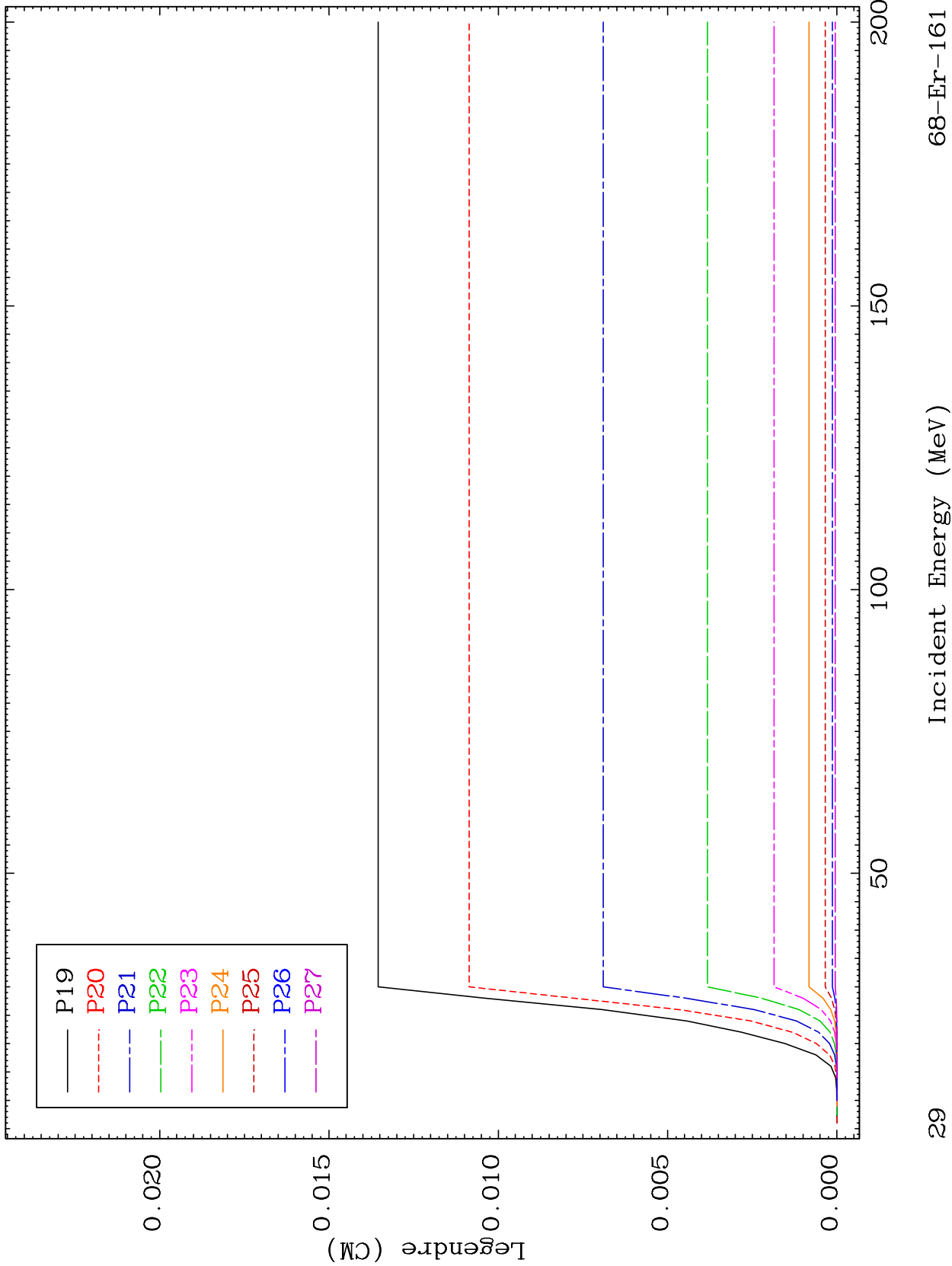
68-Er-161



28

Incident Energy (MeV)

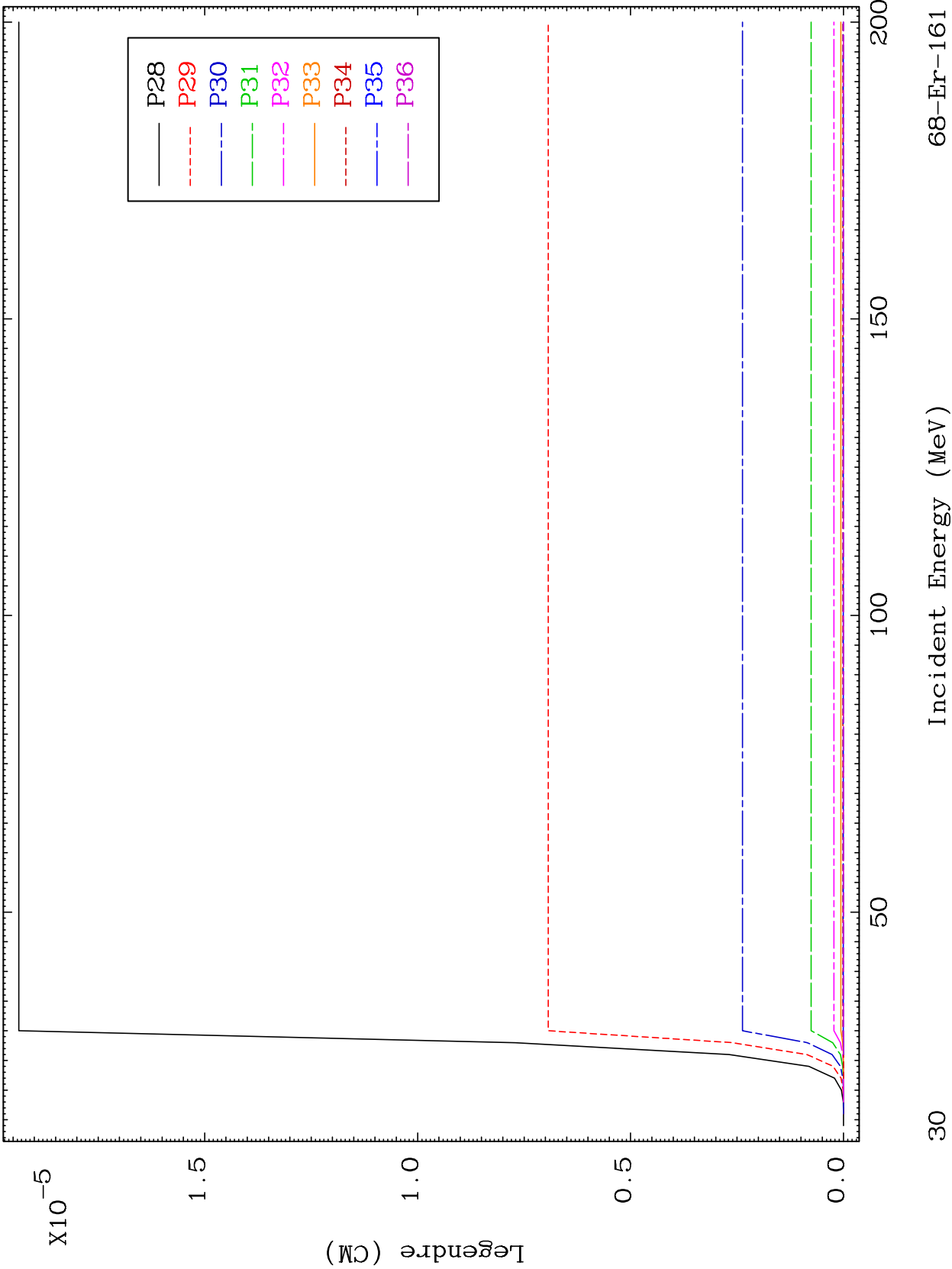
68-Er-161



MAT 6822

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

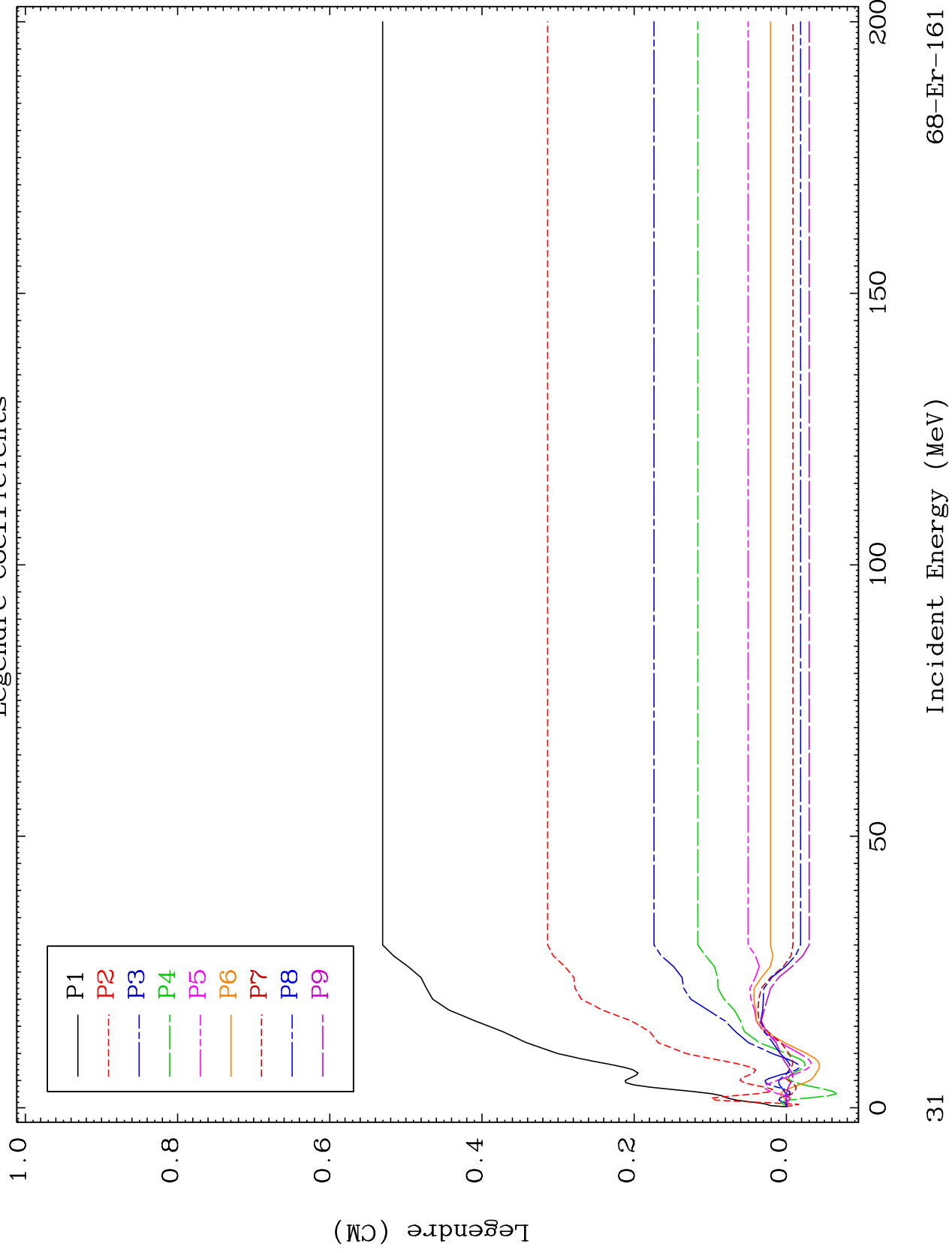
68-Er-161



MAT 68222

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

68-Er-161



31

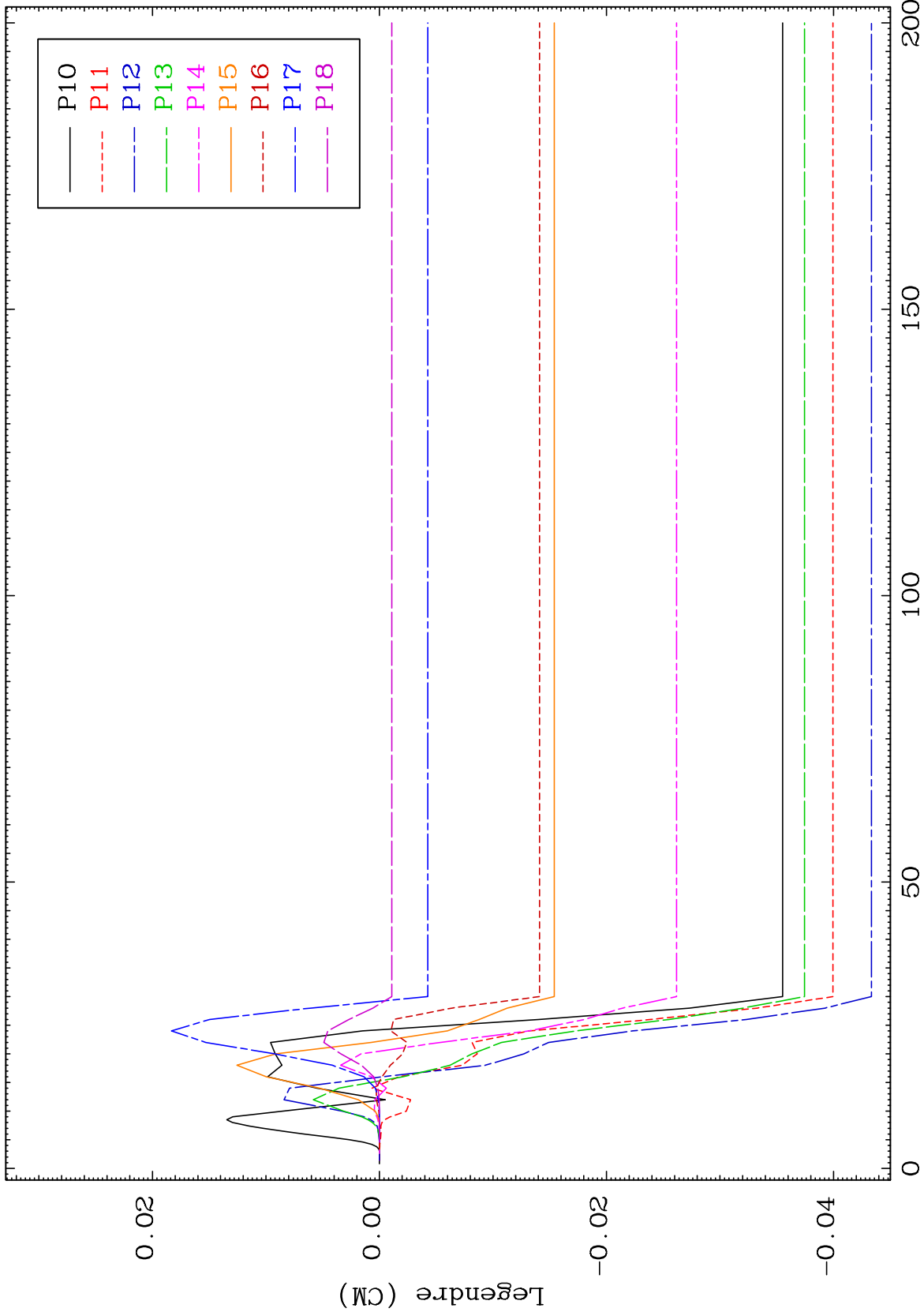
Incident Energy (MeV)

68-Er-161

MAT 6822

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

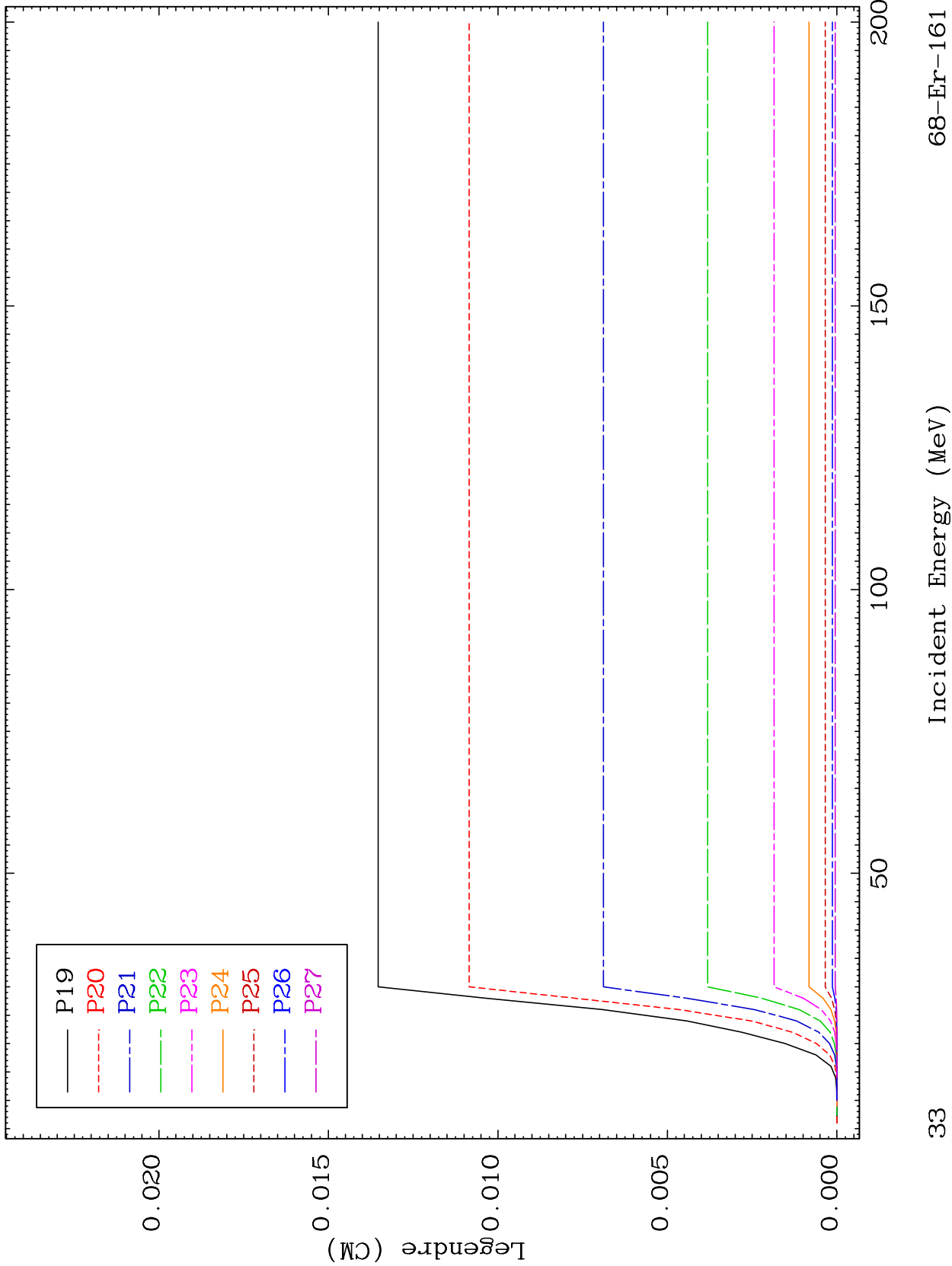
68-Er-161



32

Incident Energy (MeV)

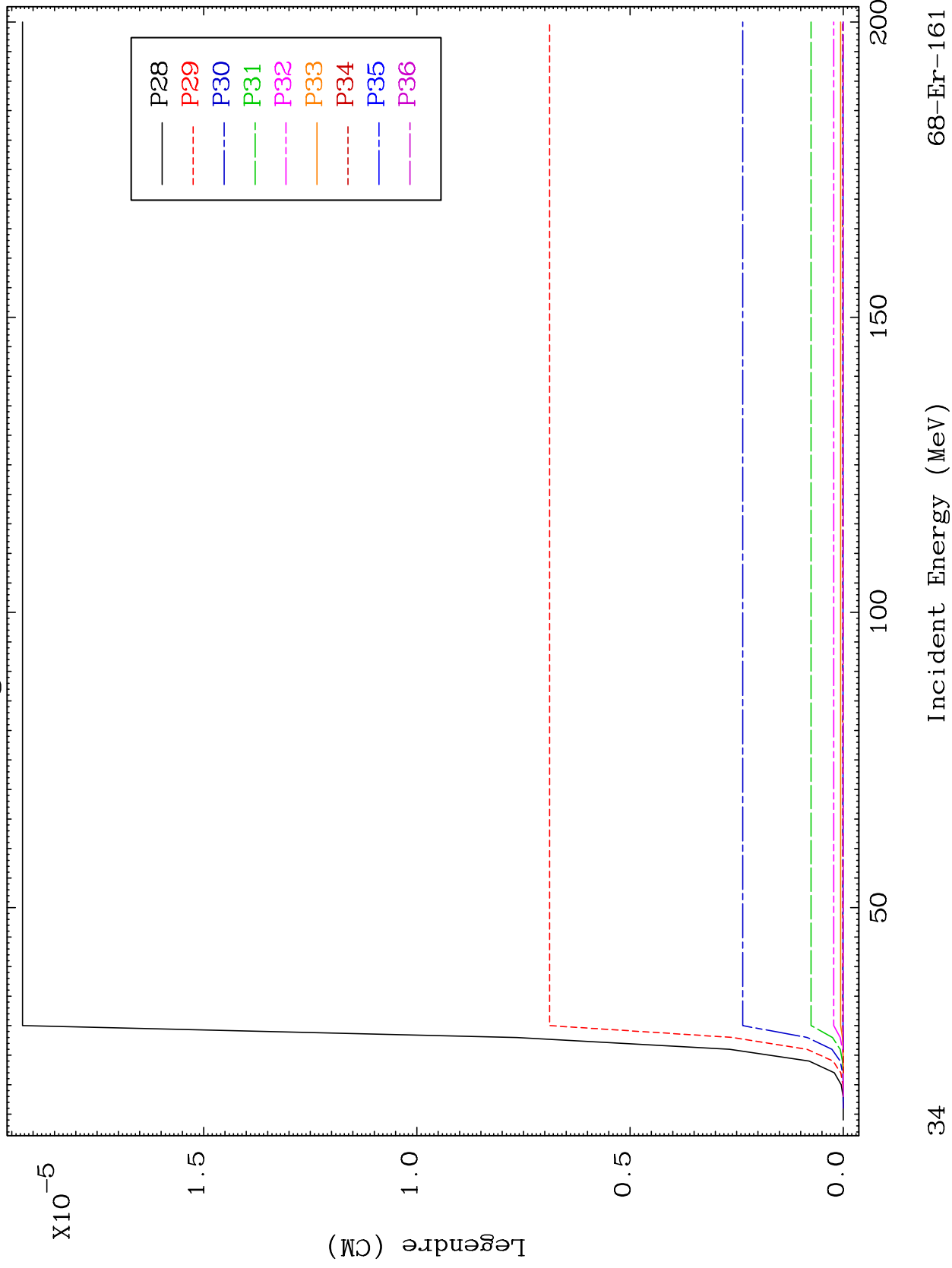
68-Er-161



MAT 6822

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

68-Er-161



34

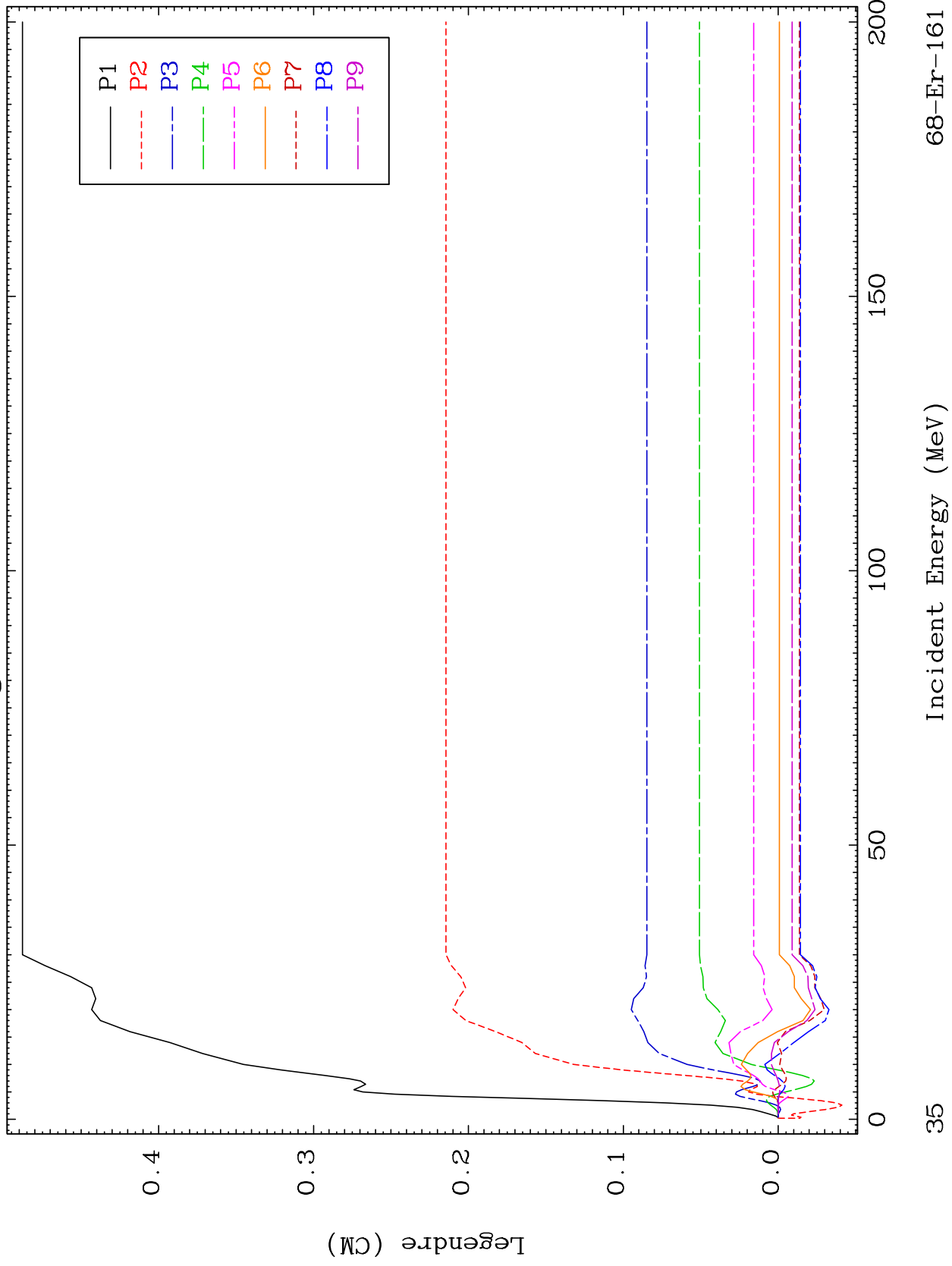
Incident Energy (MeV)

68-Er-161

MAT 6822

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

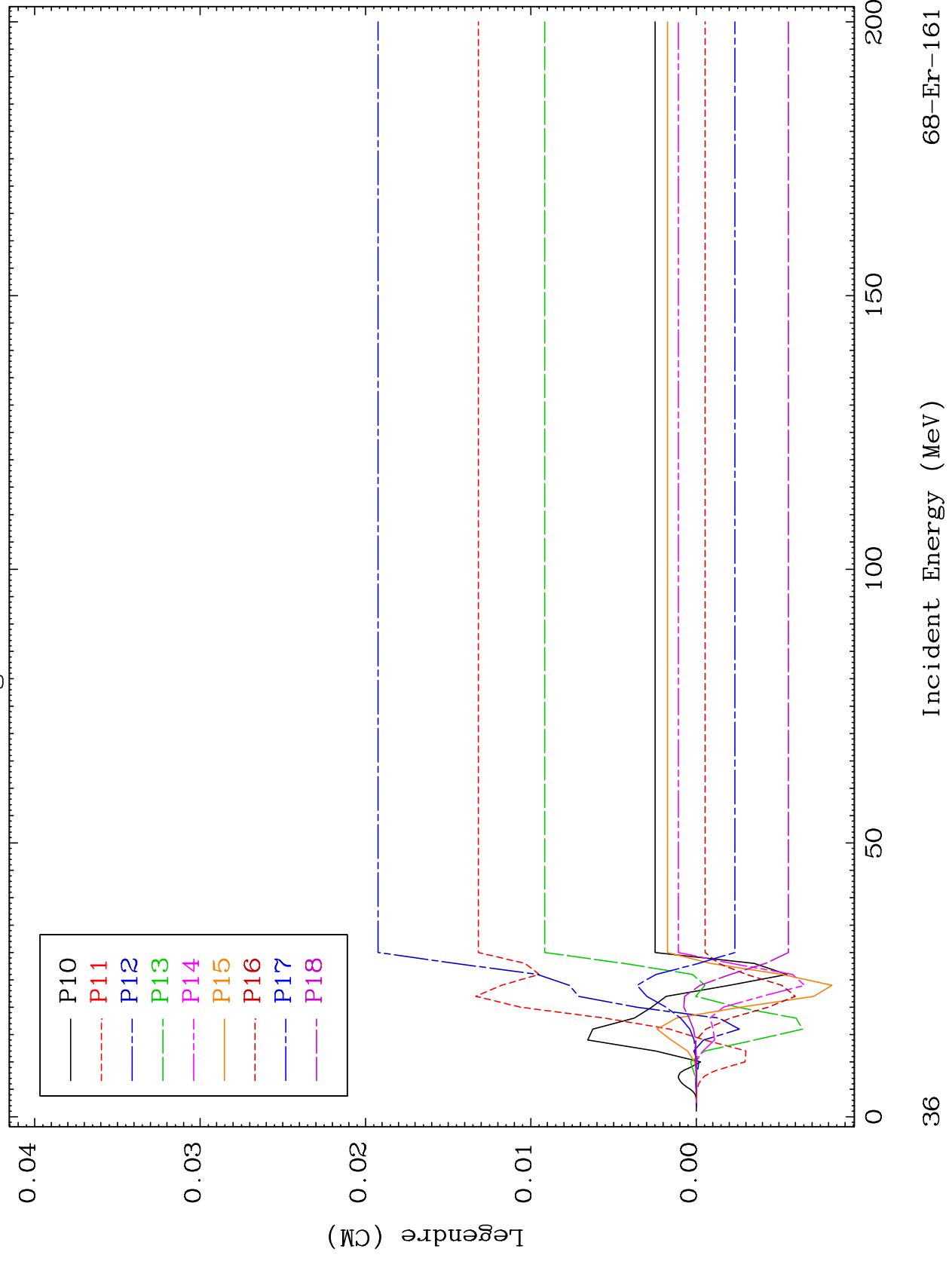
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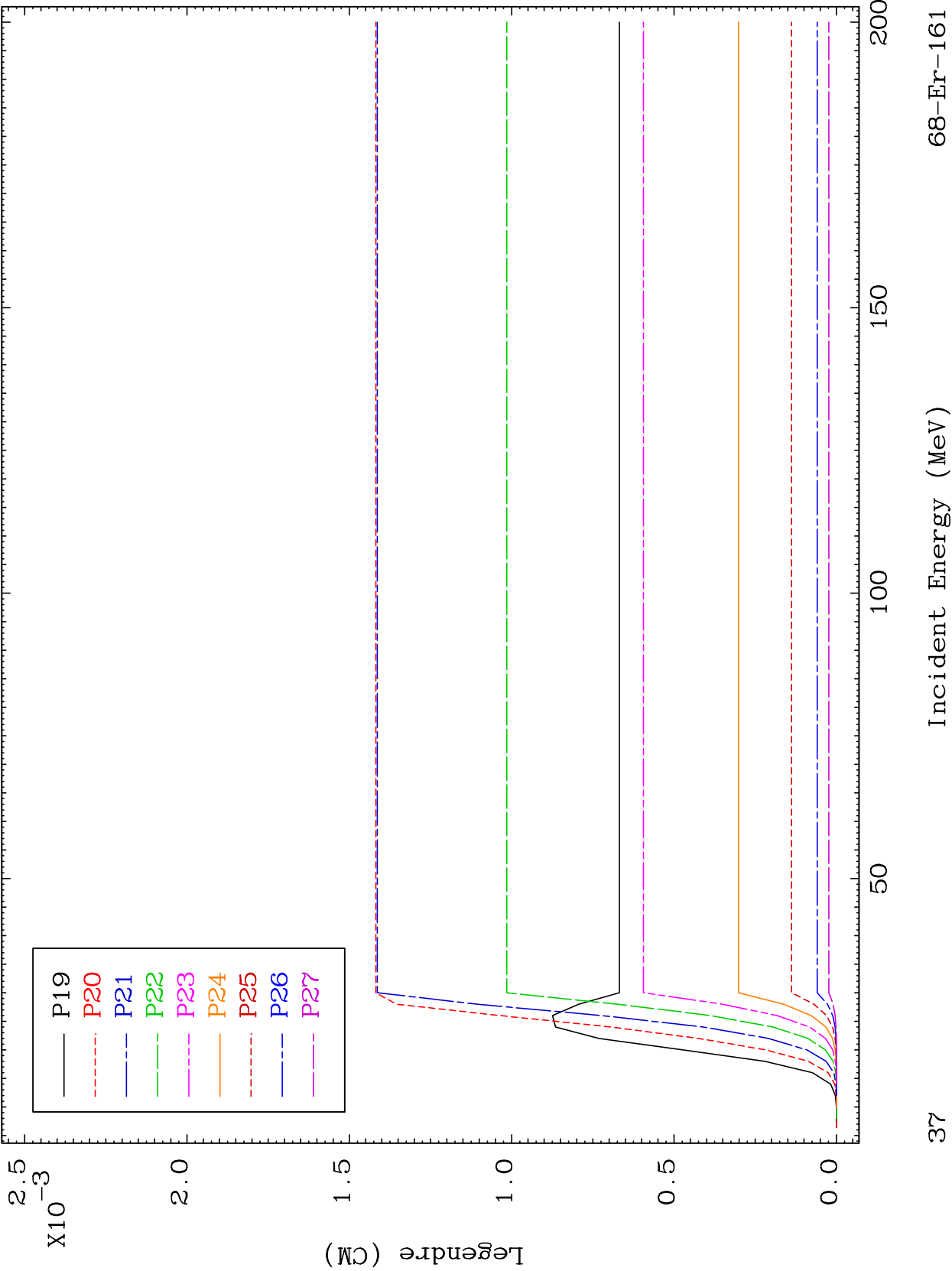


68-Er-161

Incident Energy (MeV)

35

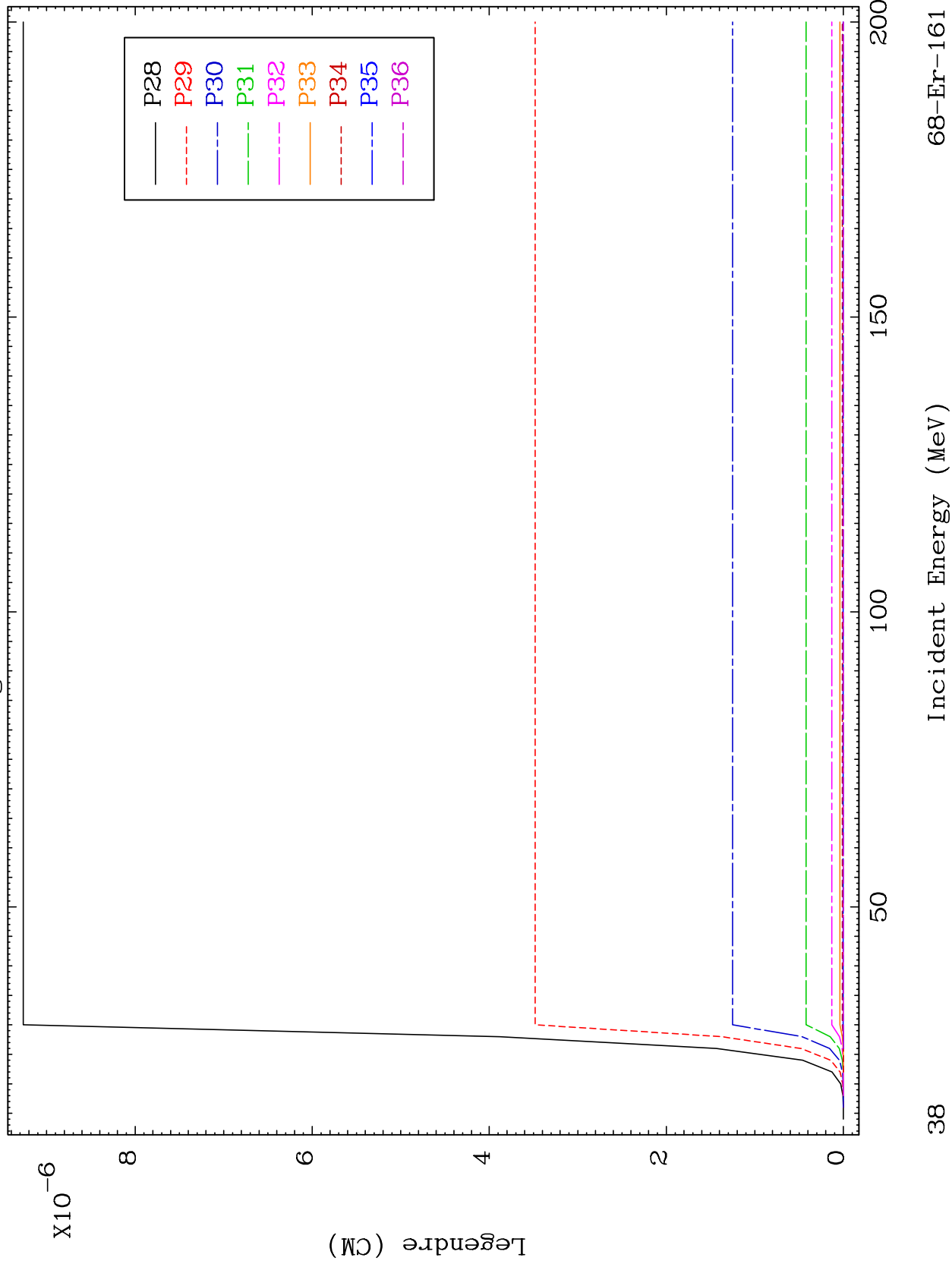




MAT 6822

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

68-Er-161



38

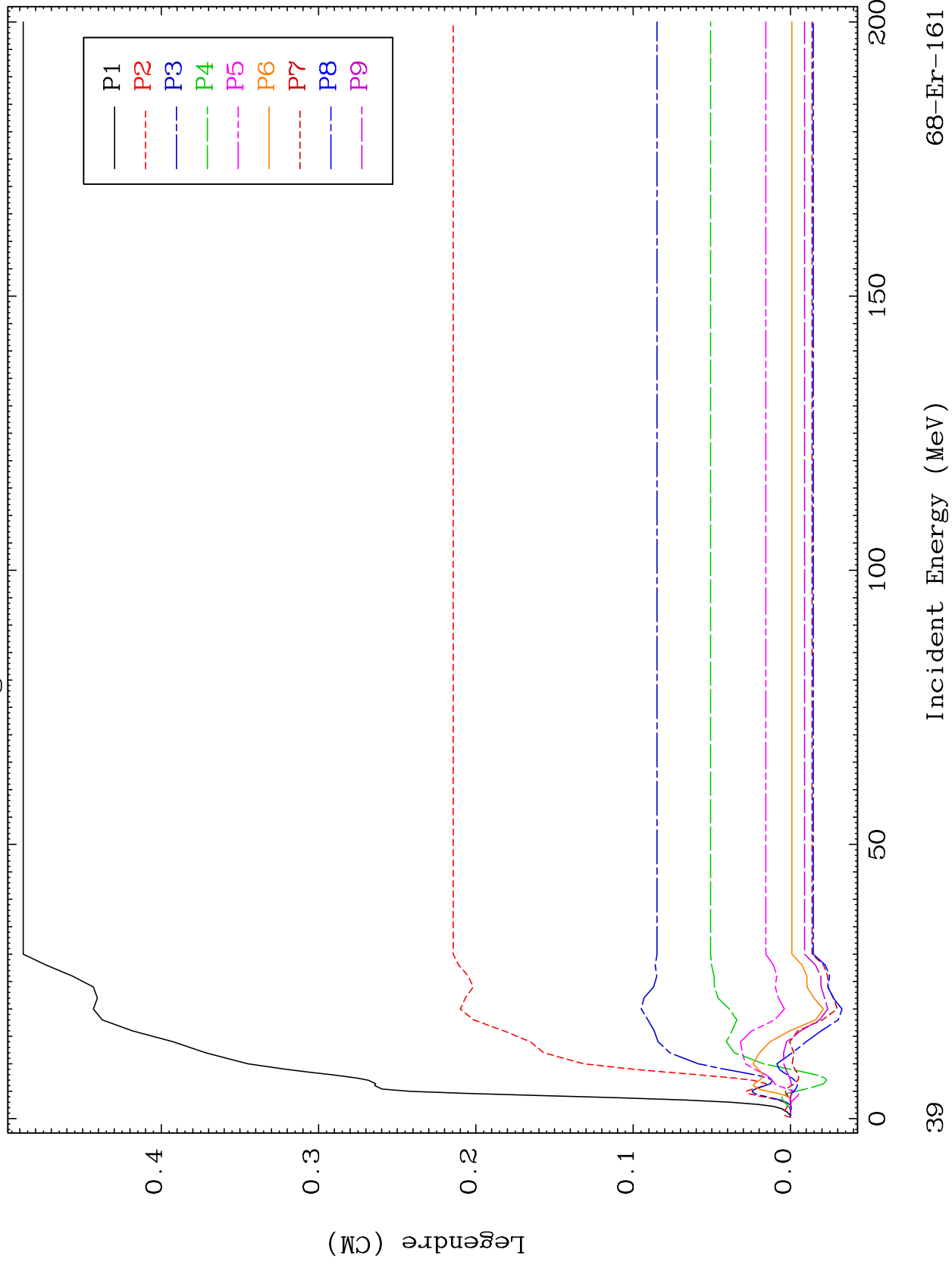
Incident Energy (MeV)

68-Er-161

MAT 68222

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

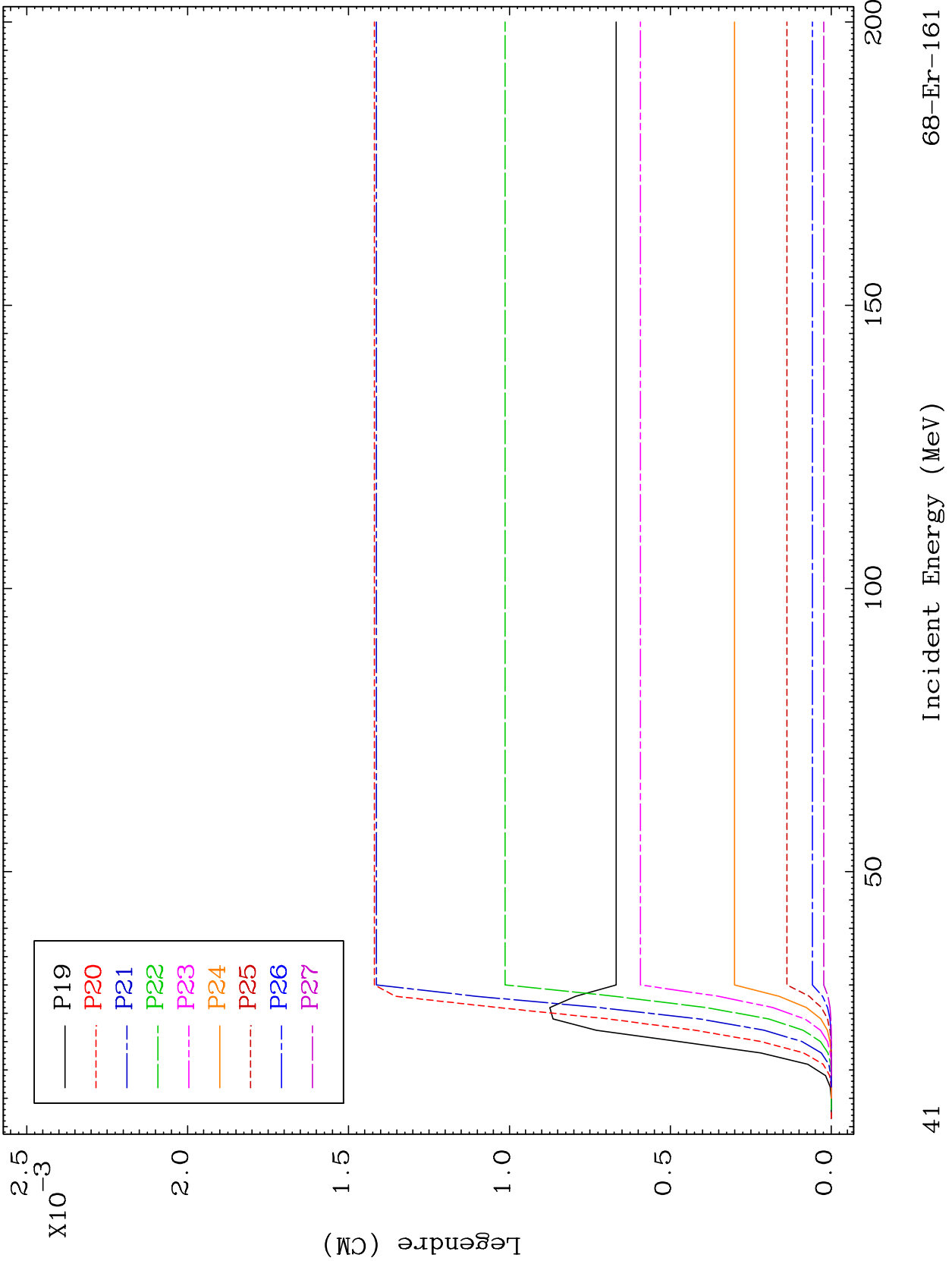
68-Er-161



68-Er-161

Incident Energy (MeV)

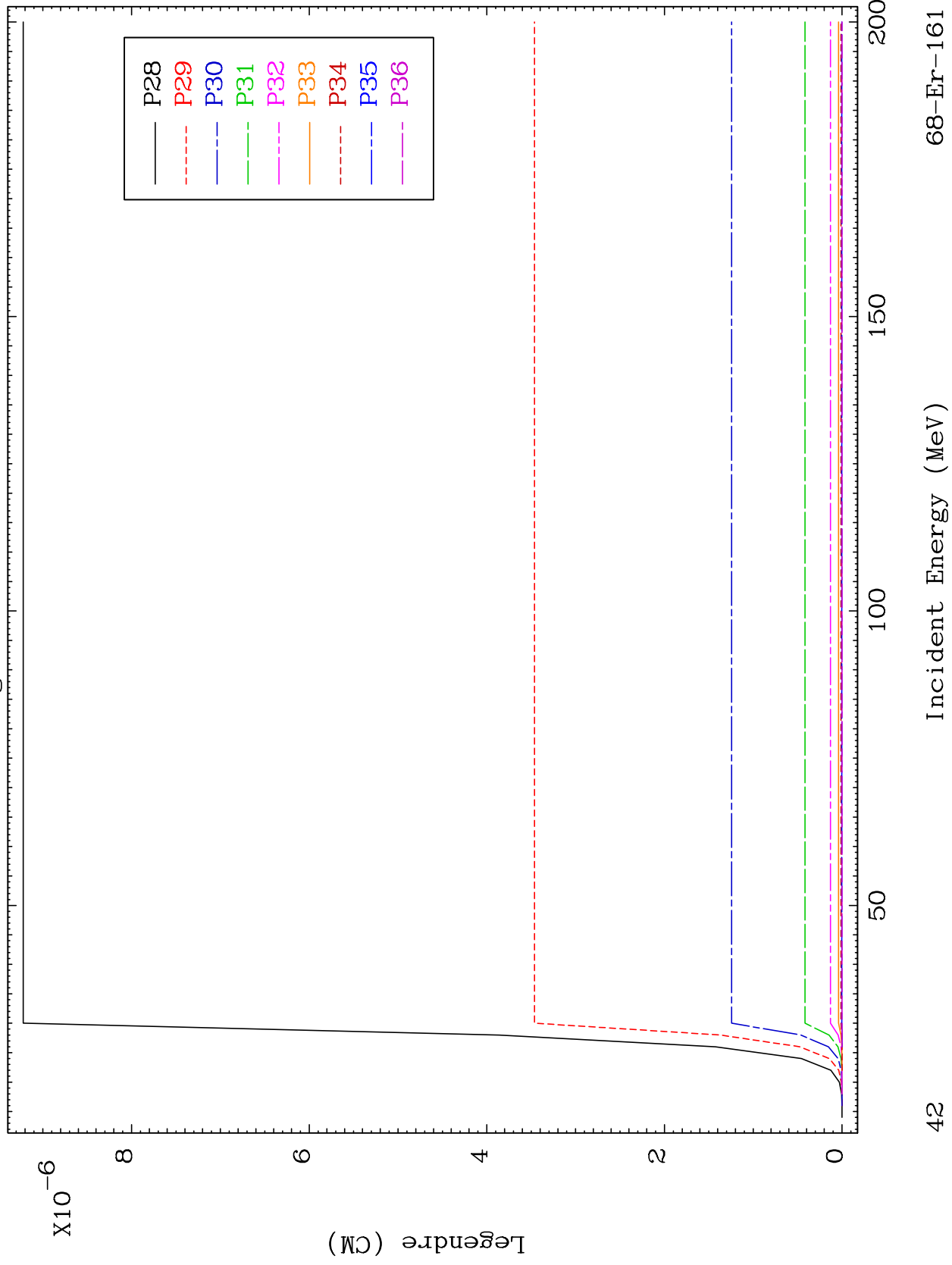
39



MAT 68222

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

68-Er-161



42

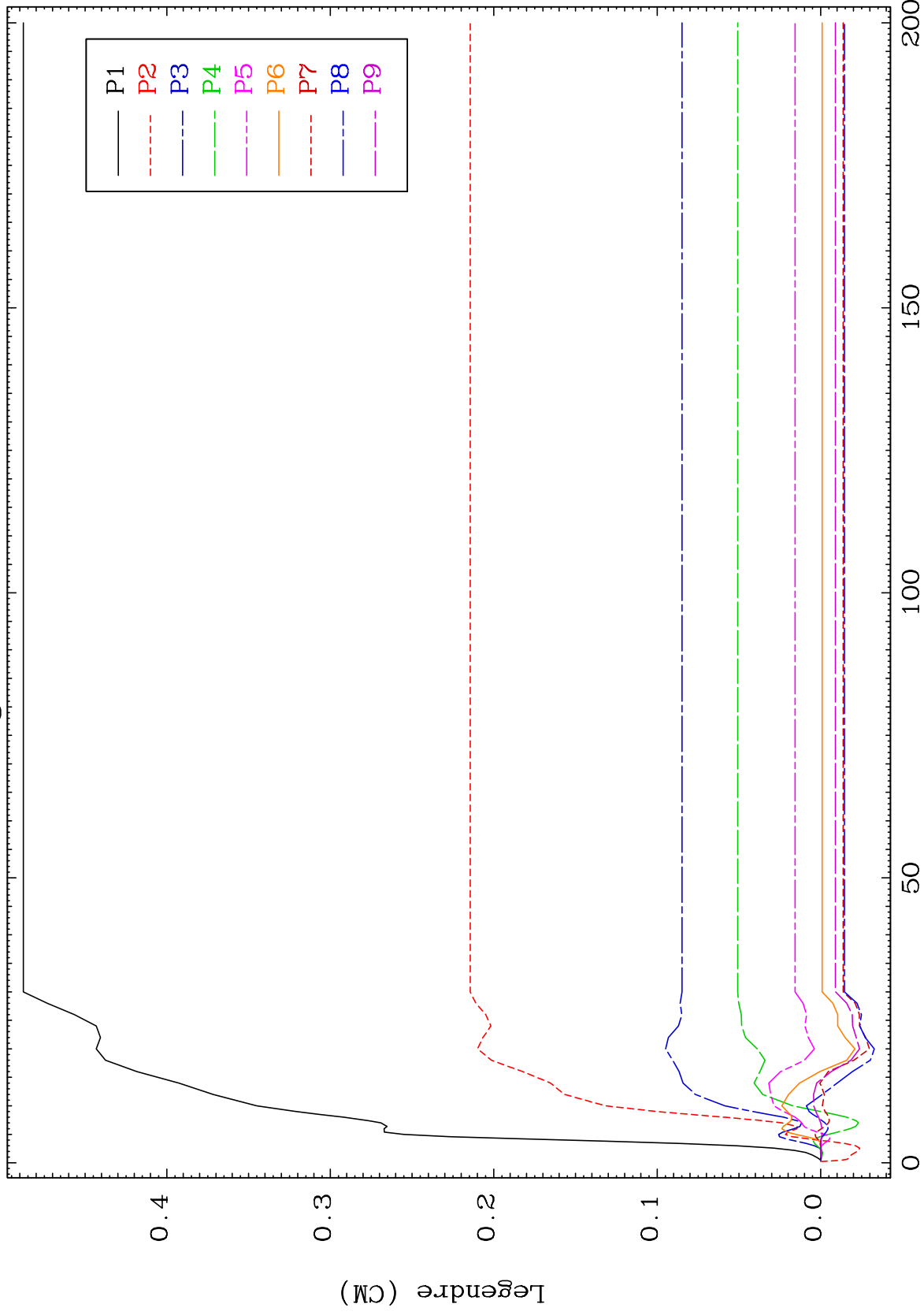
Incident Energy (MeV)

68-Er-161

MAT 68222

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

68-Er-161



43

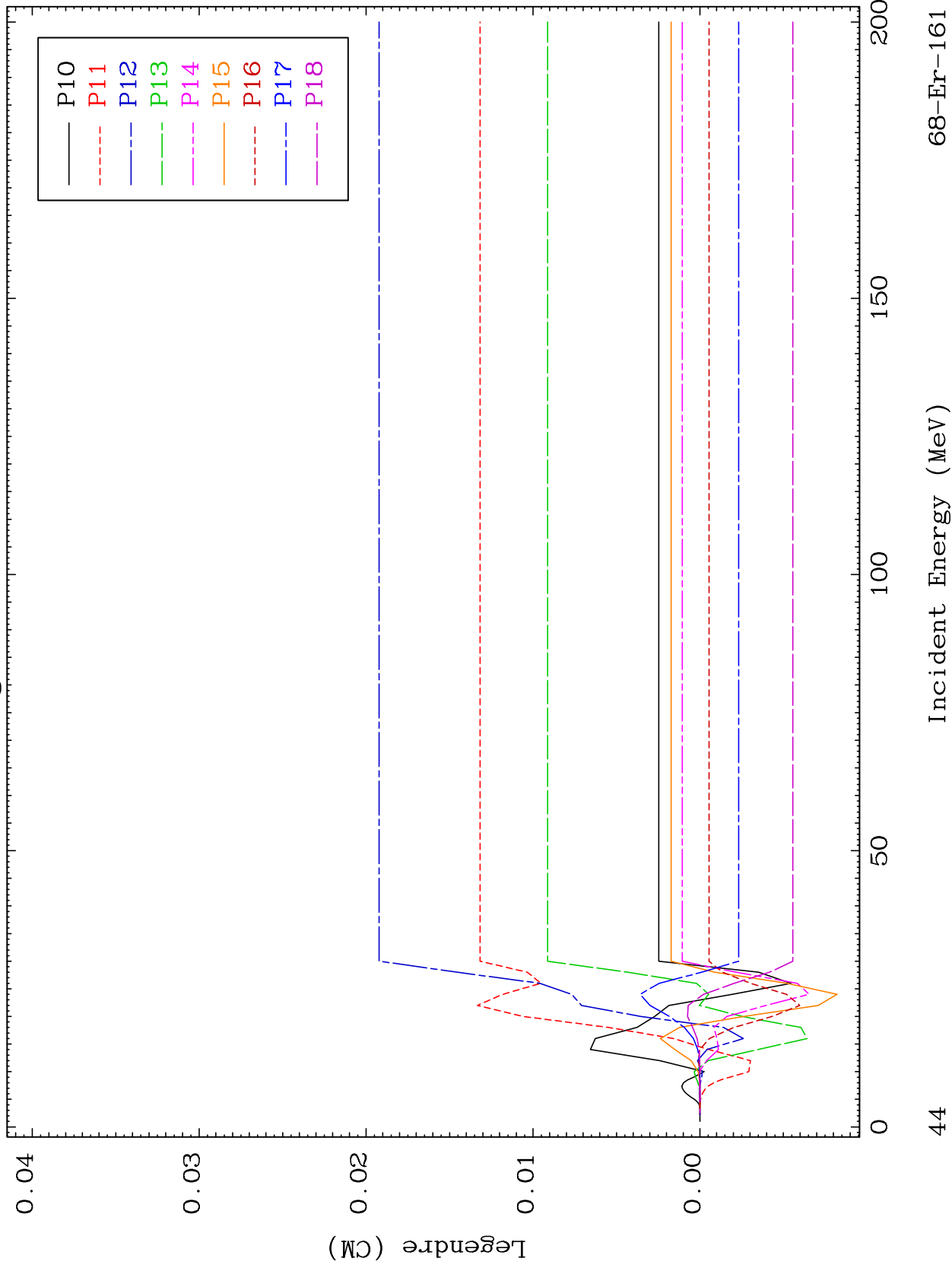
Incident Energy (MeV)

68-Er-161

MAT 68222

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

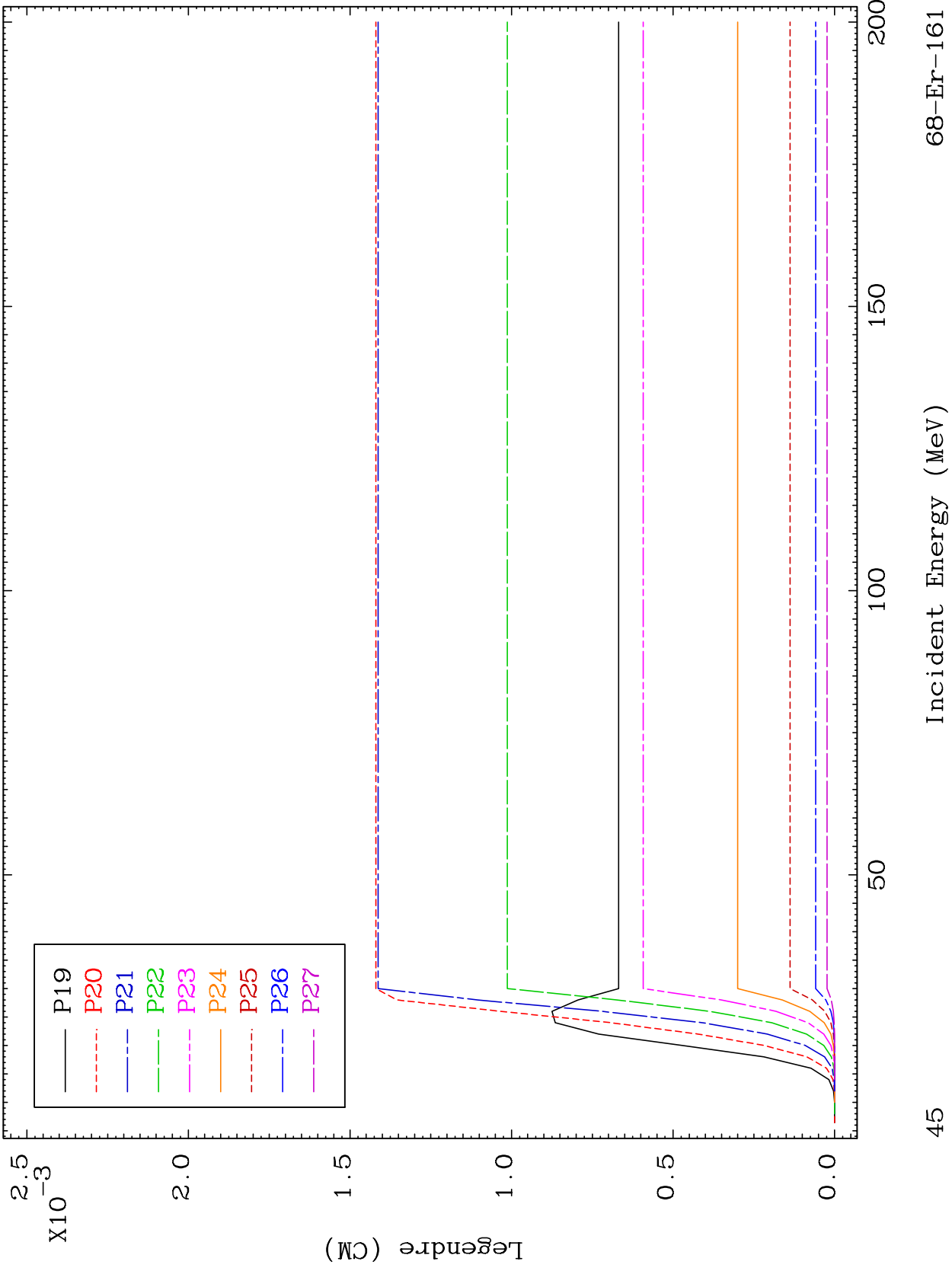
68-Er-161



MAT 68222

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

68-Er-161



45

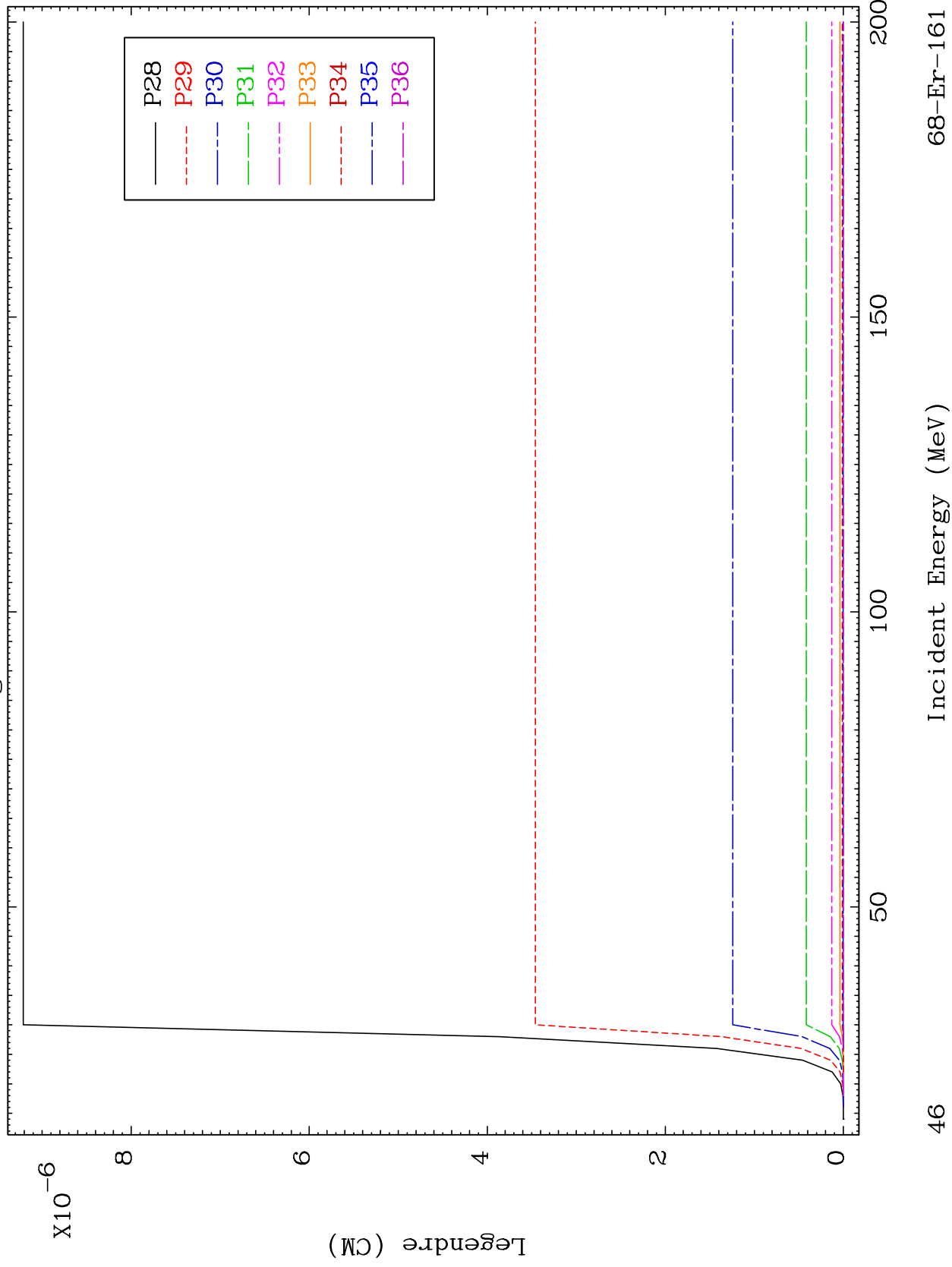
Incident Energy (MeV)

68-Er-161

MAT 6822

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

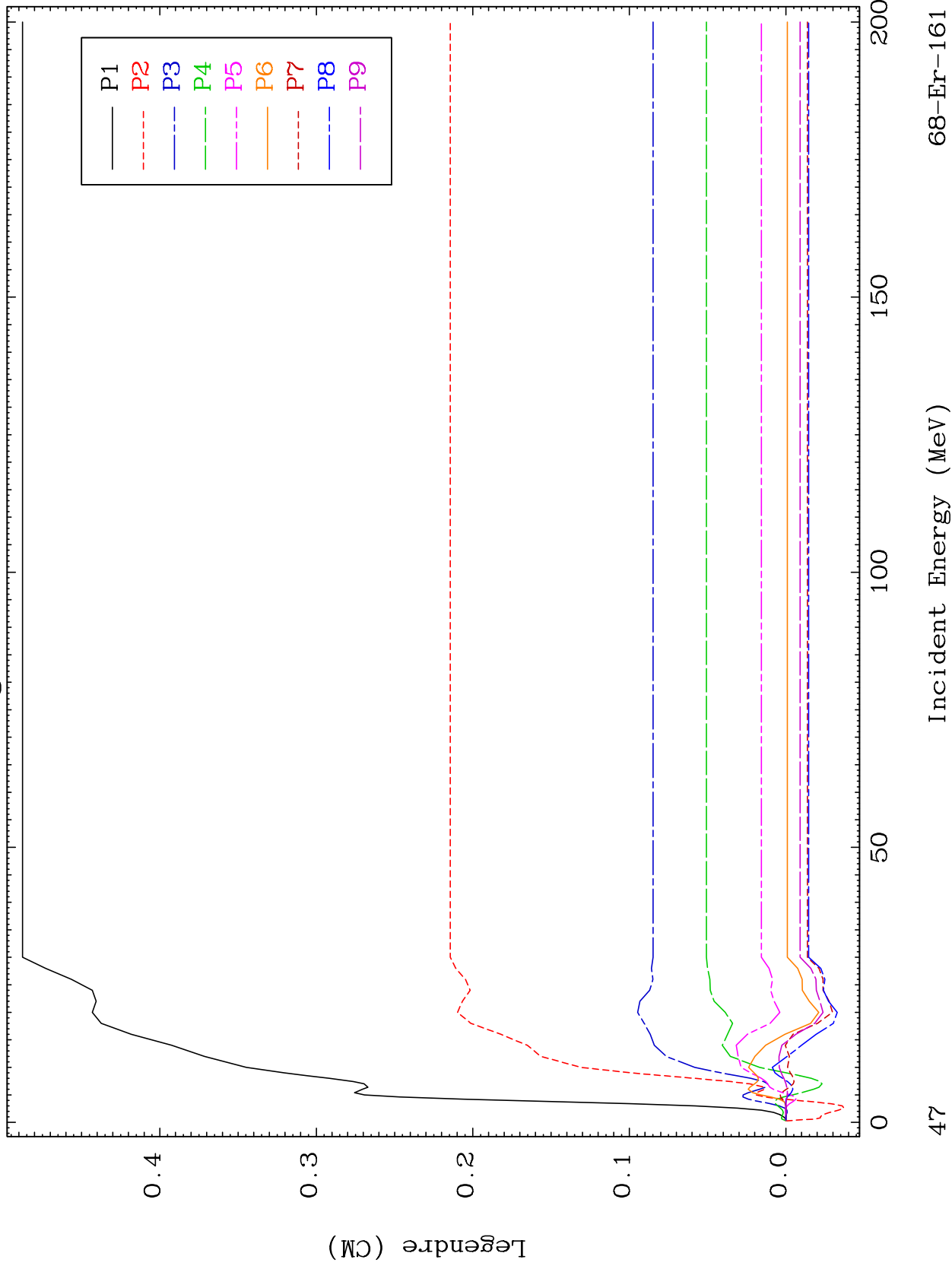
68-Er-161



MAT 68222

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

68-Er-161



68-Er-161

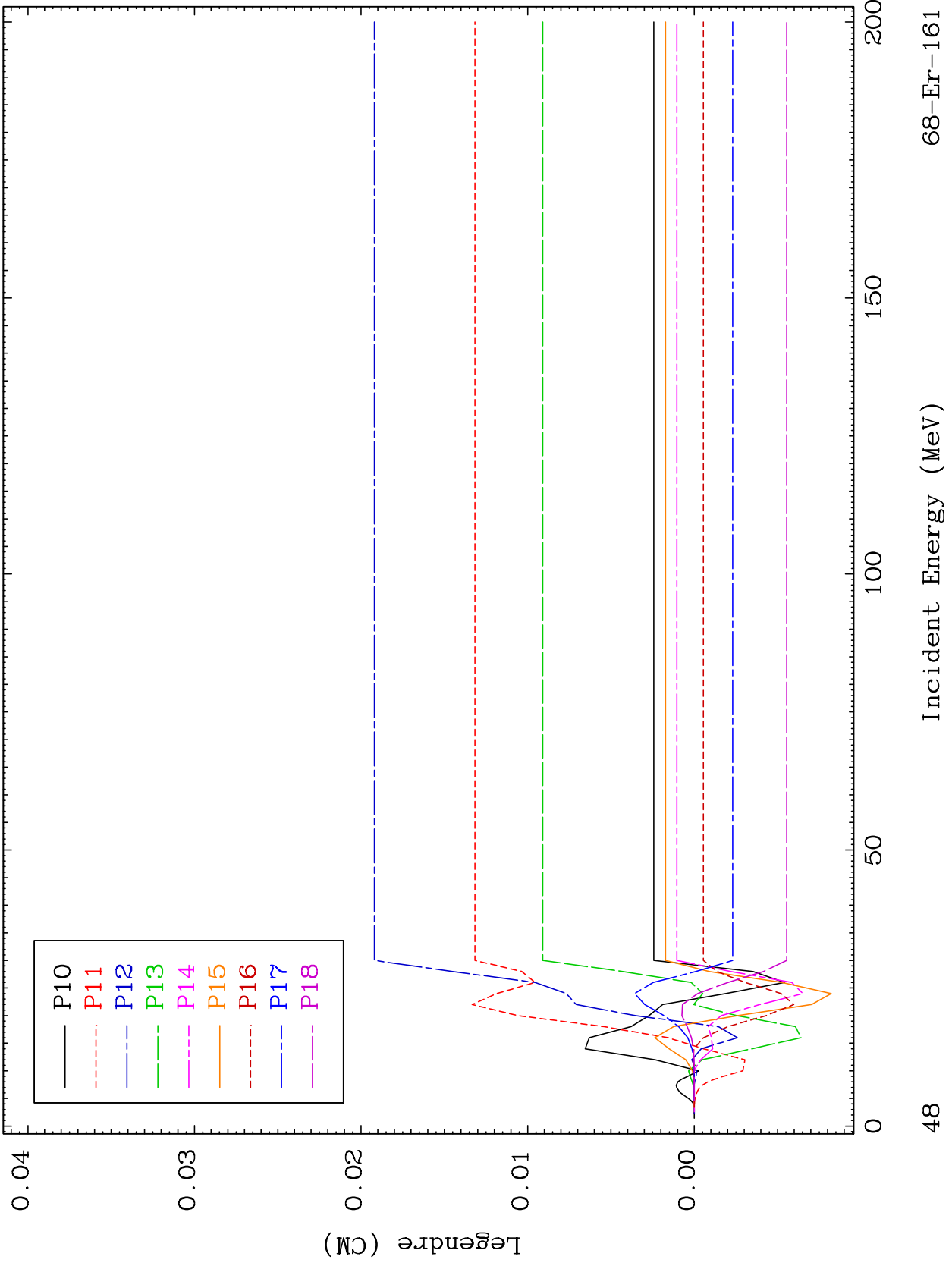
Incident Energy (MeV)

47

MAT 68222

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

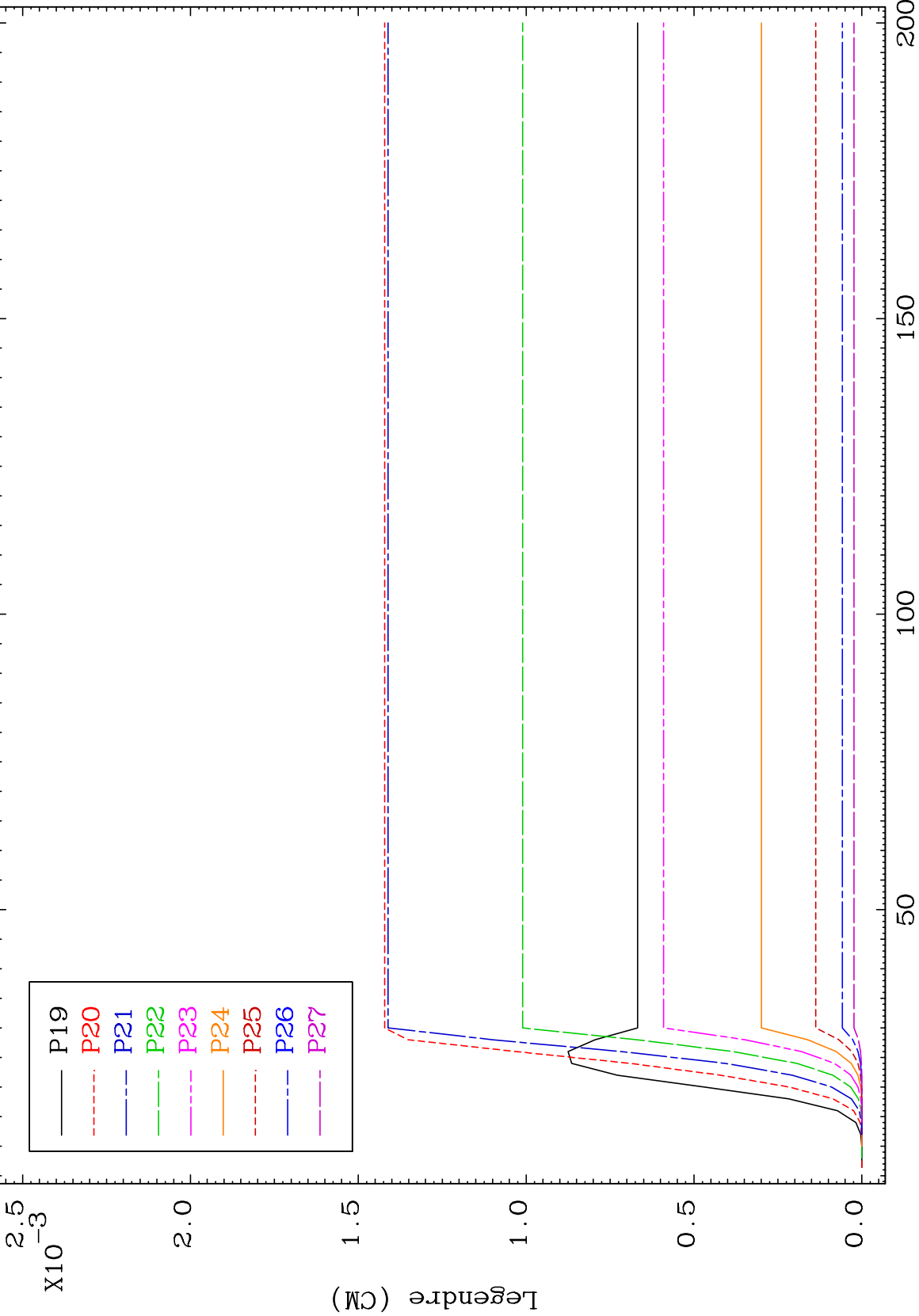
68-Er-161



68-Er-161

Incident Energy (MeV)

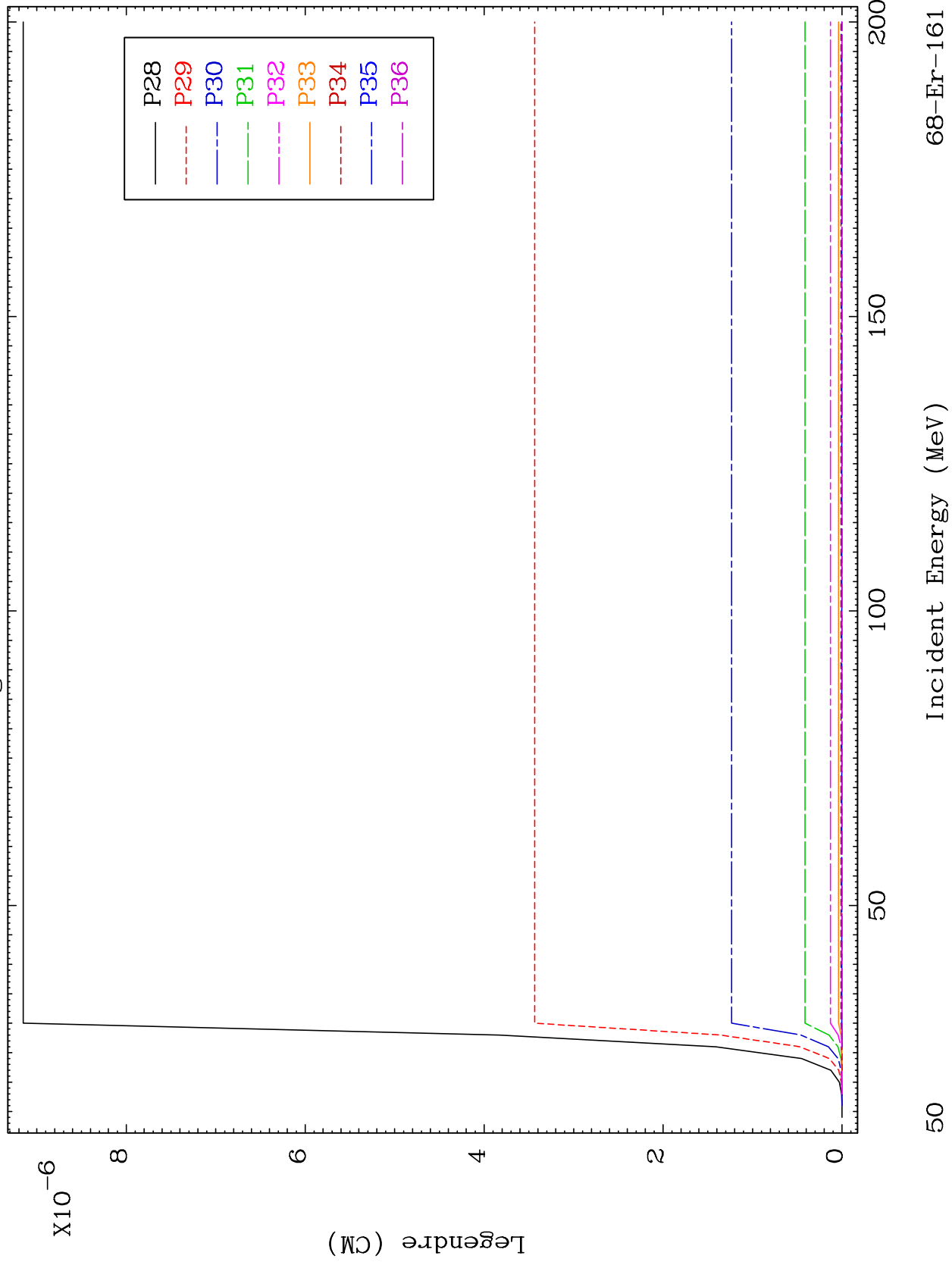
48



MAT 6822

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

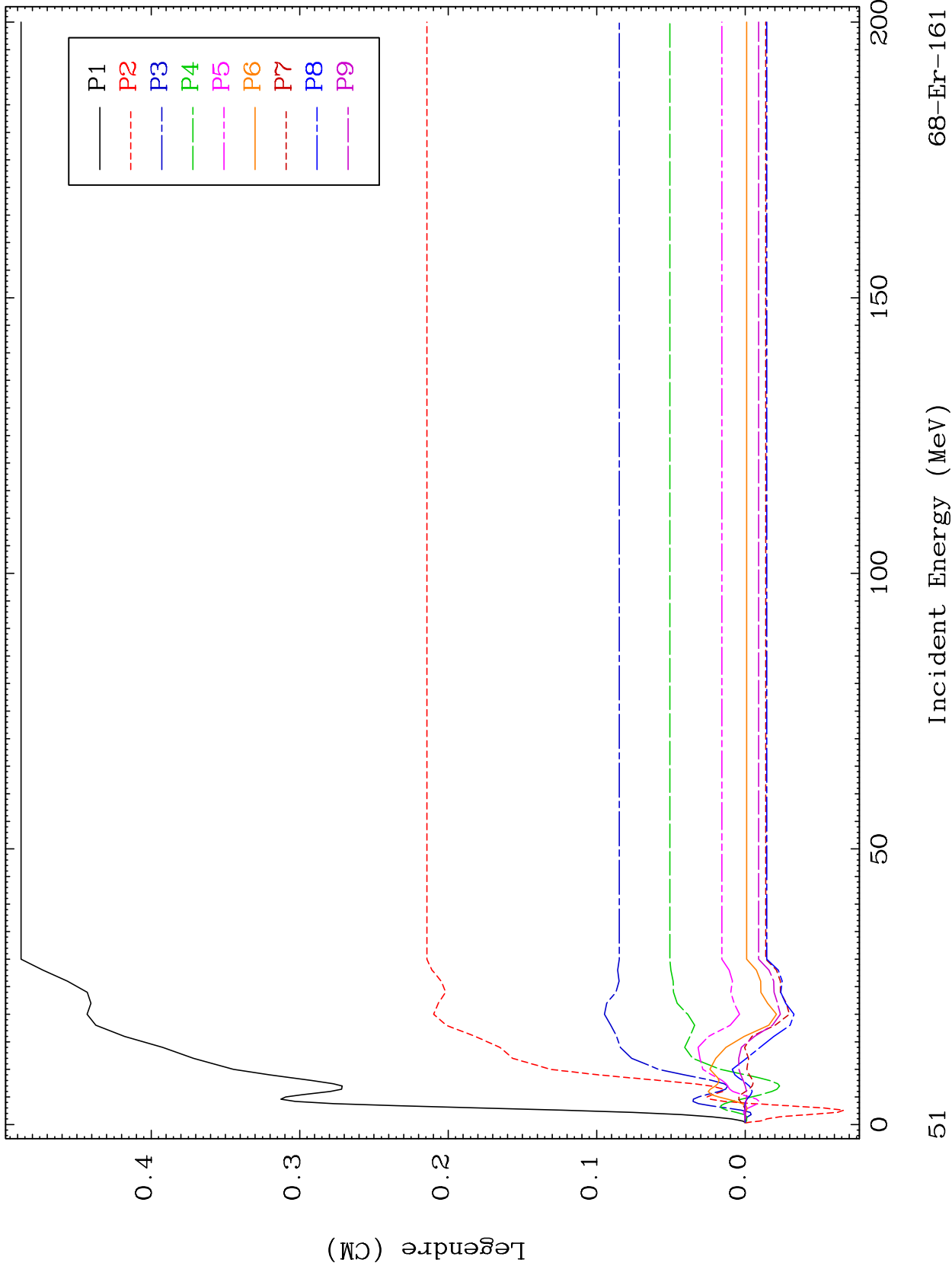
68-Er-161



68-Er-161

Incident Energy (MeV)

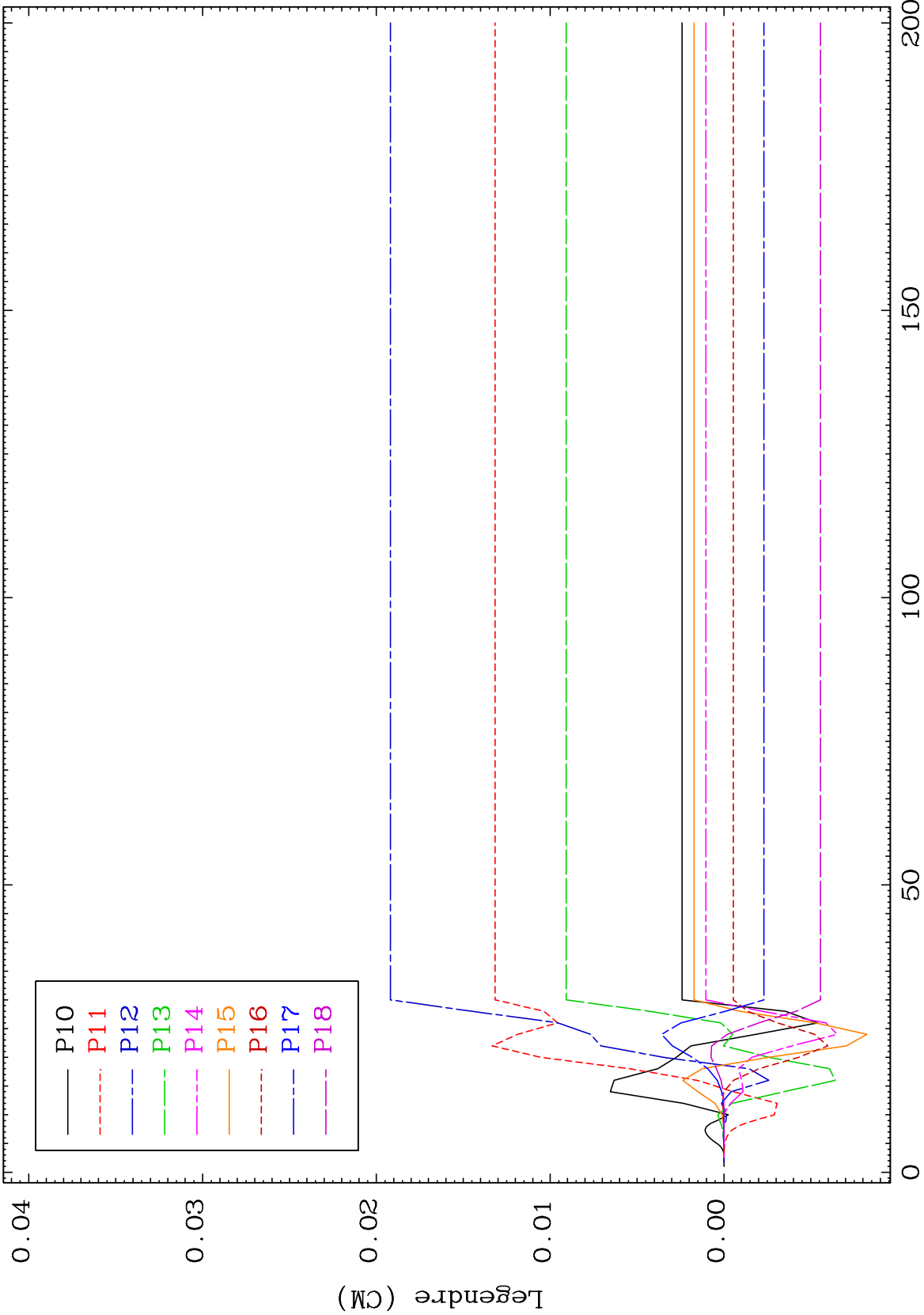
50



MAT 68222

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

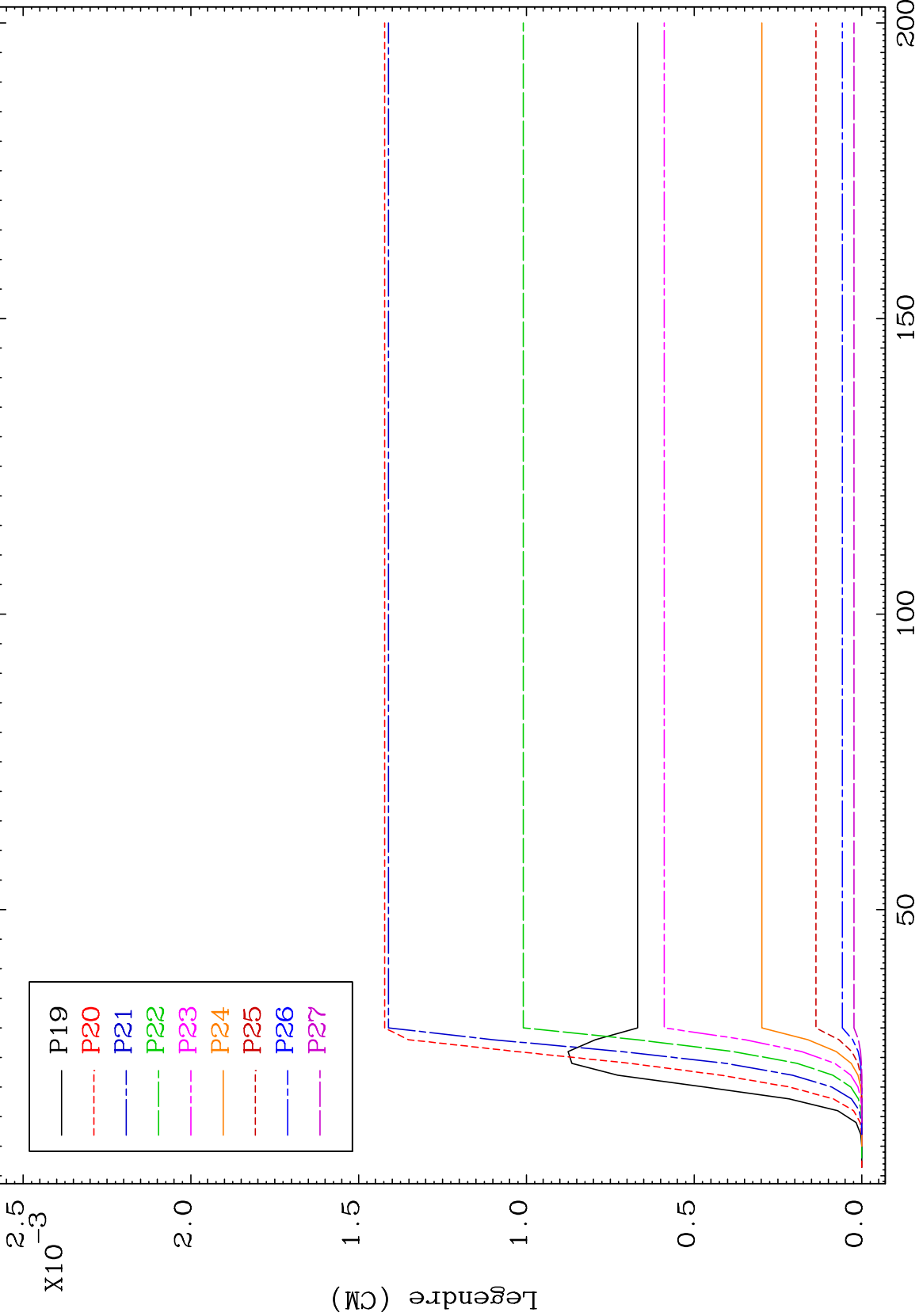
68-Er-161



52

Incident Energy (MeV)

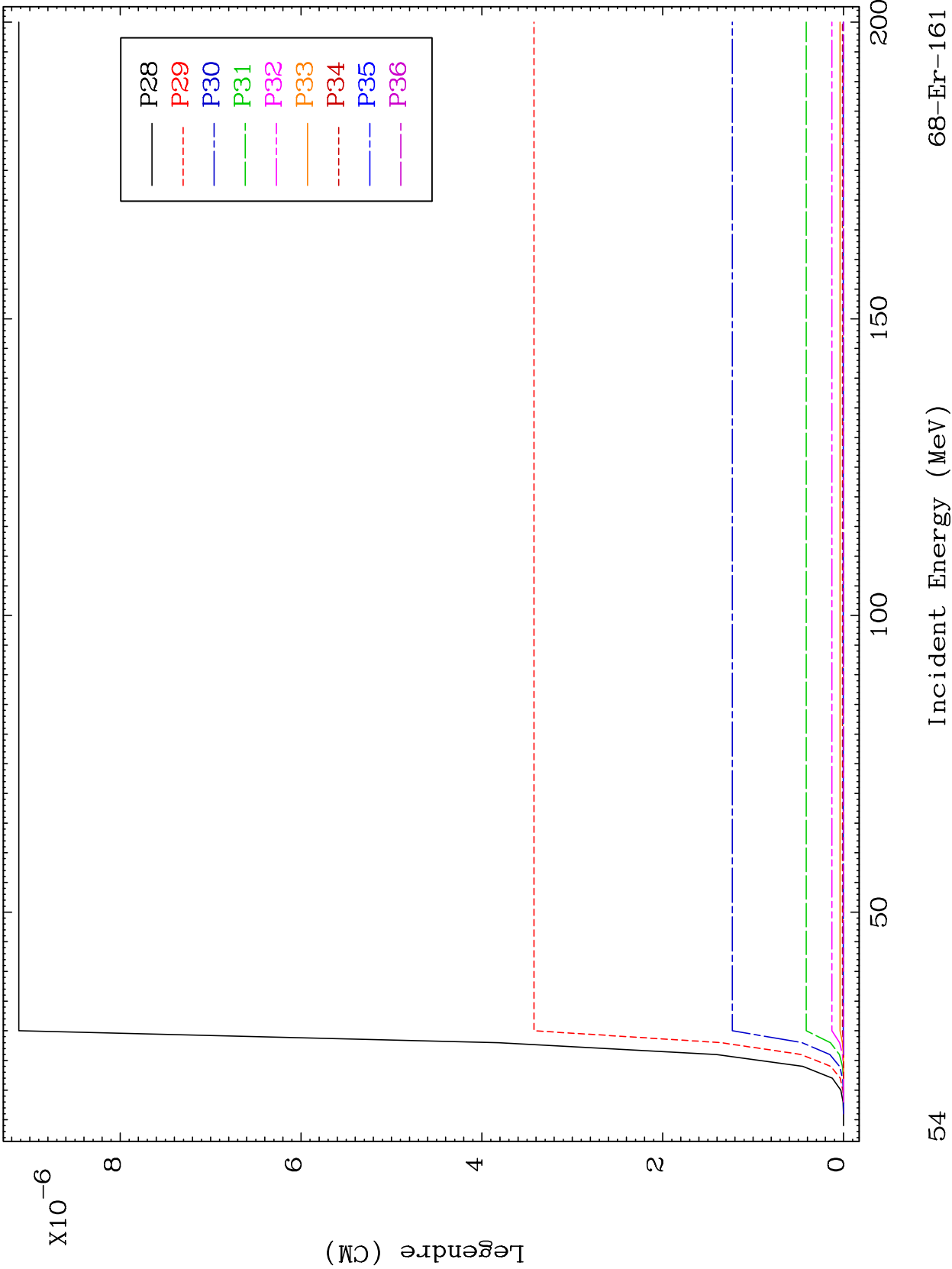
68-Er-161



MAT 6822

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

68-Er-161



54

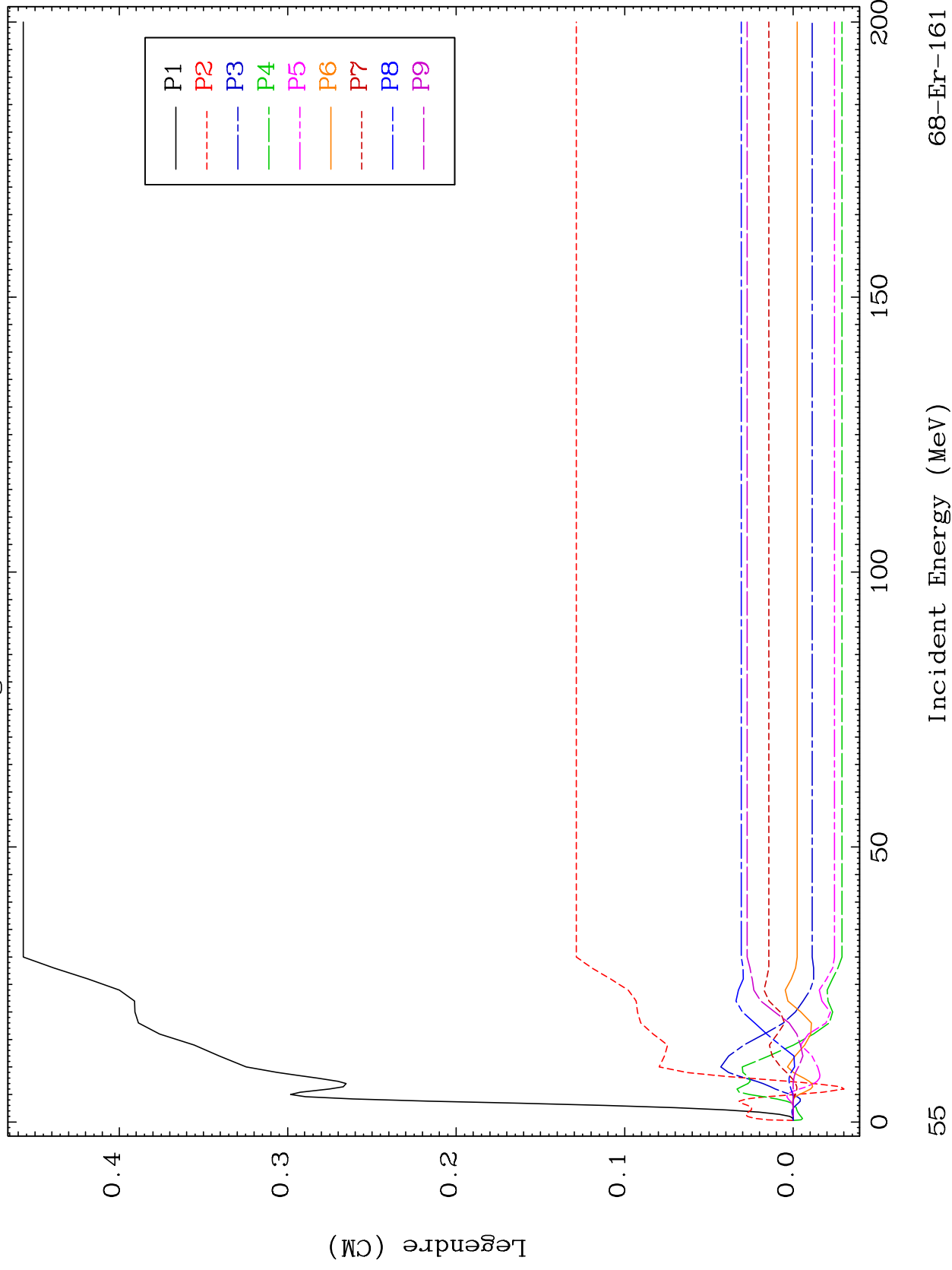
Incident Energy (MeV)

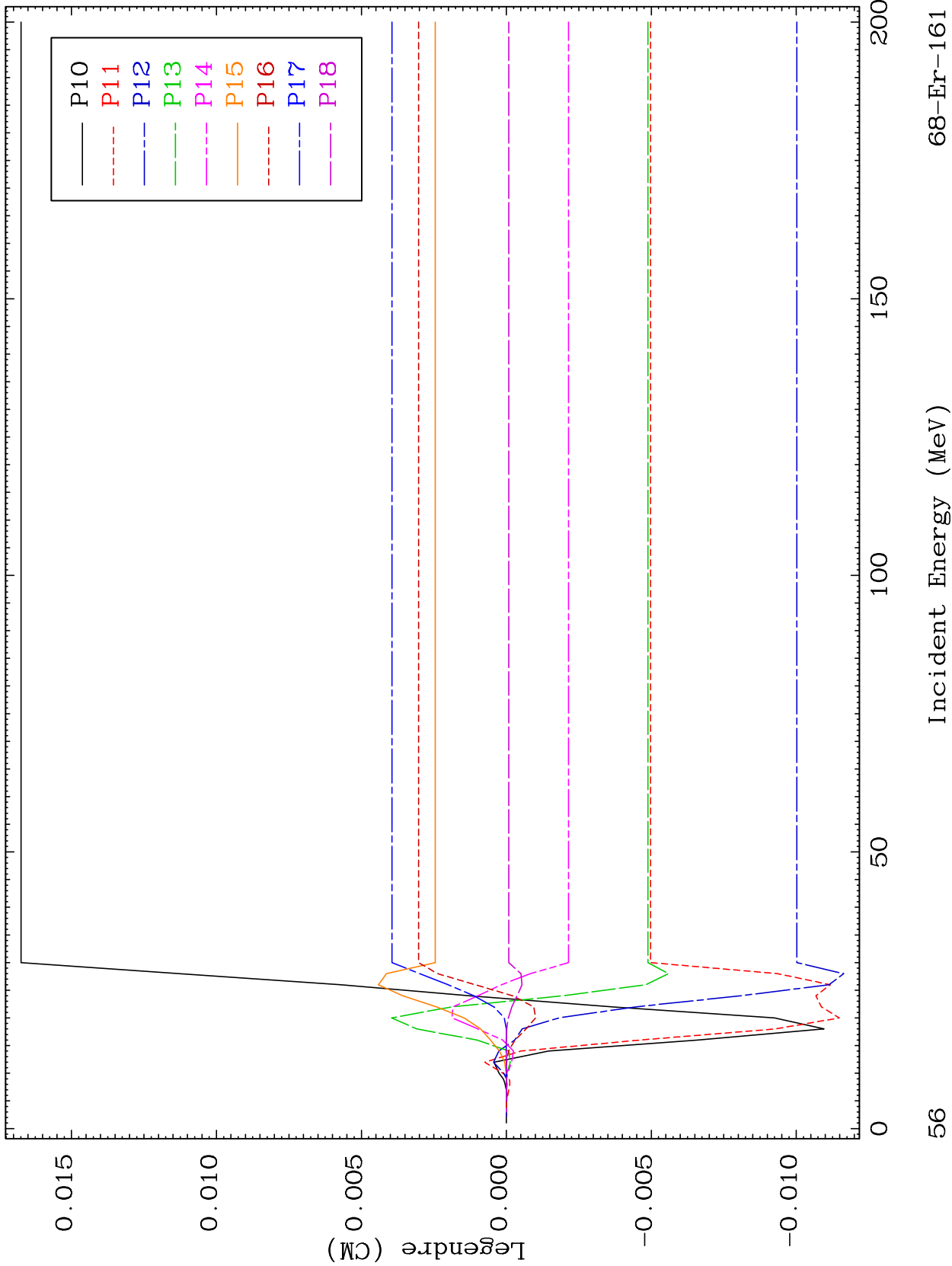
68-Er-161

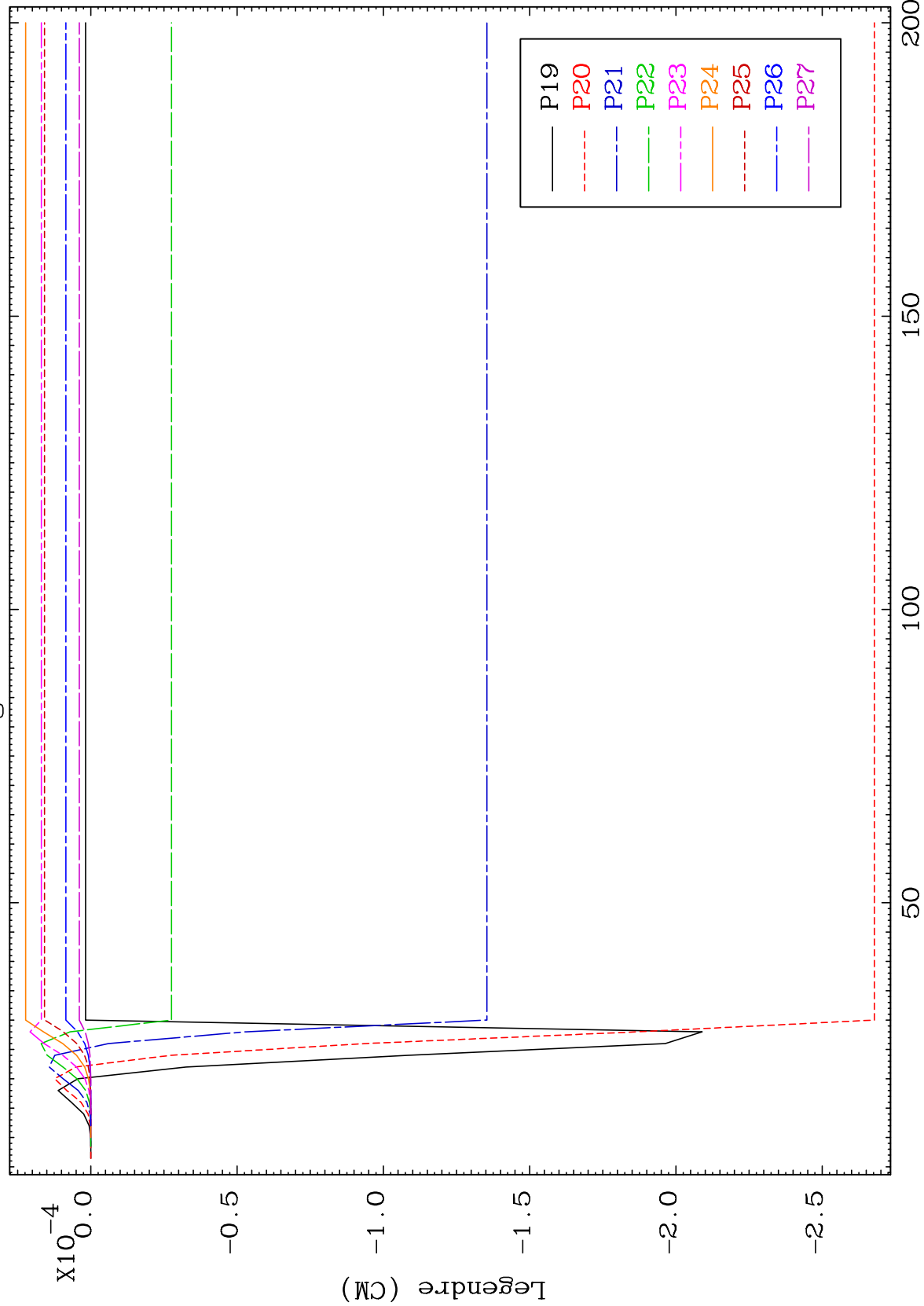
MAT 6822

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

68-Er-161



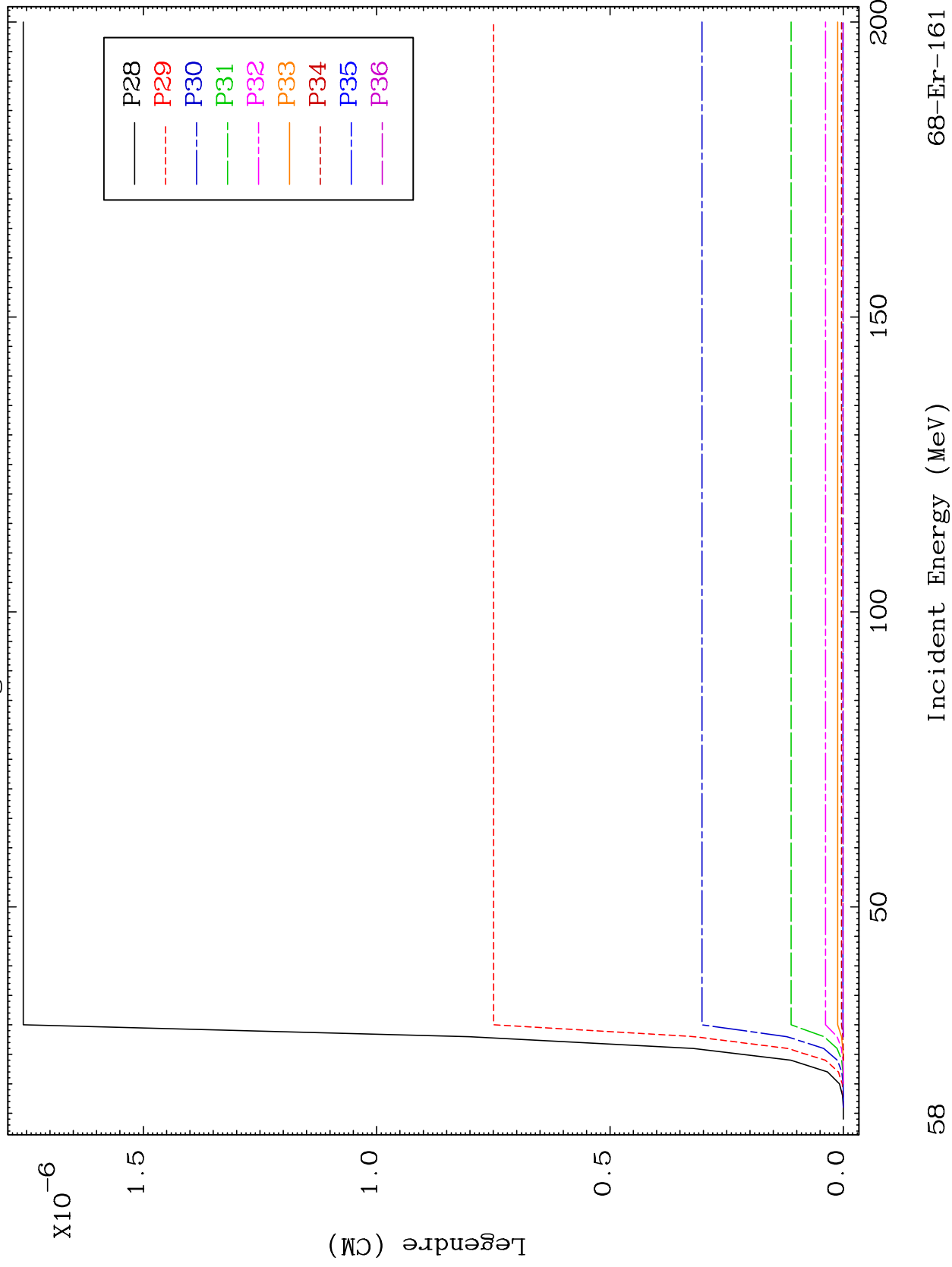




MAT 68222

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

68-Er-161



58

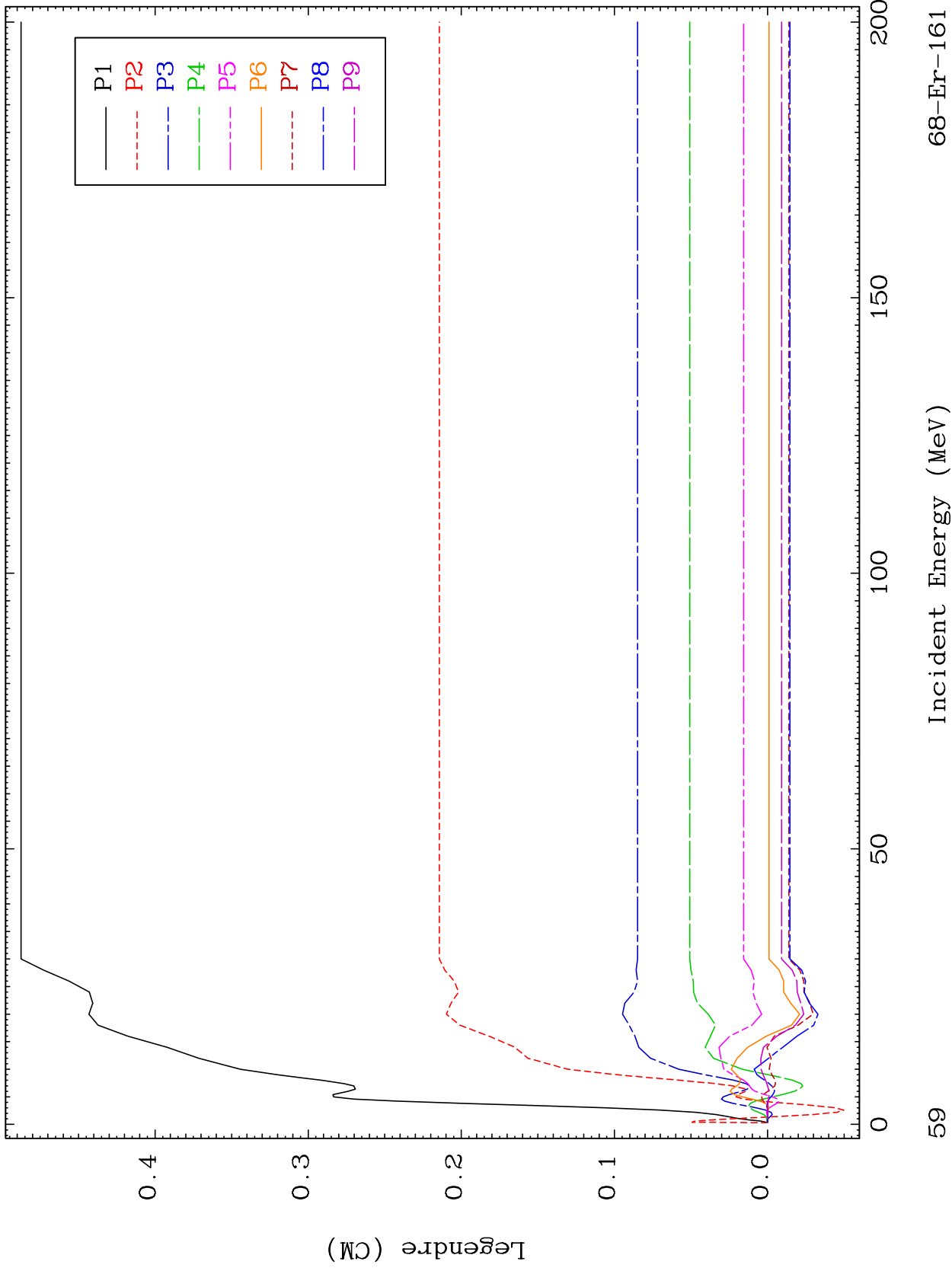
Incident Energy (MeV)

68-Er-161

MAT 68222

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

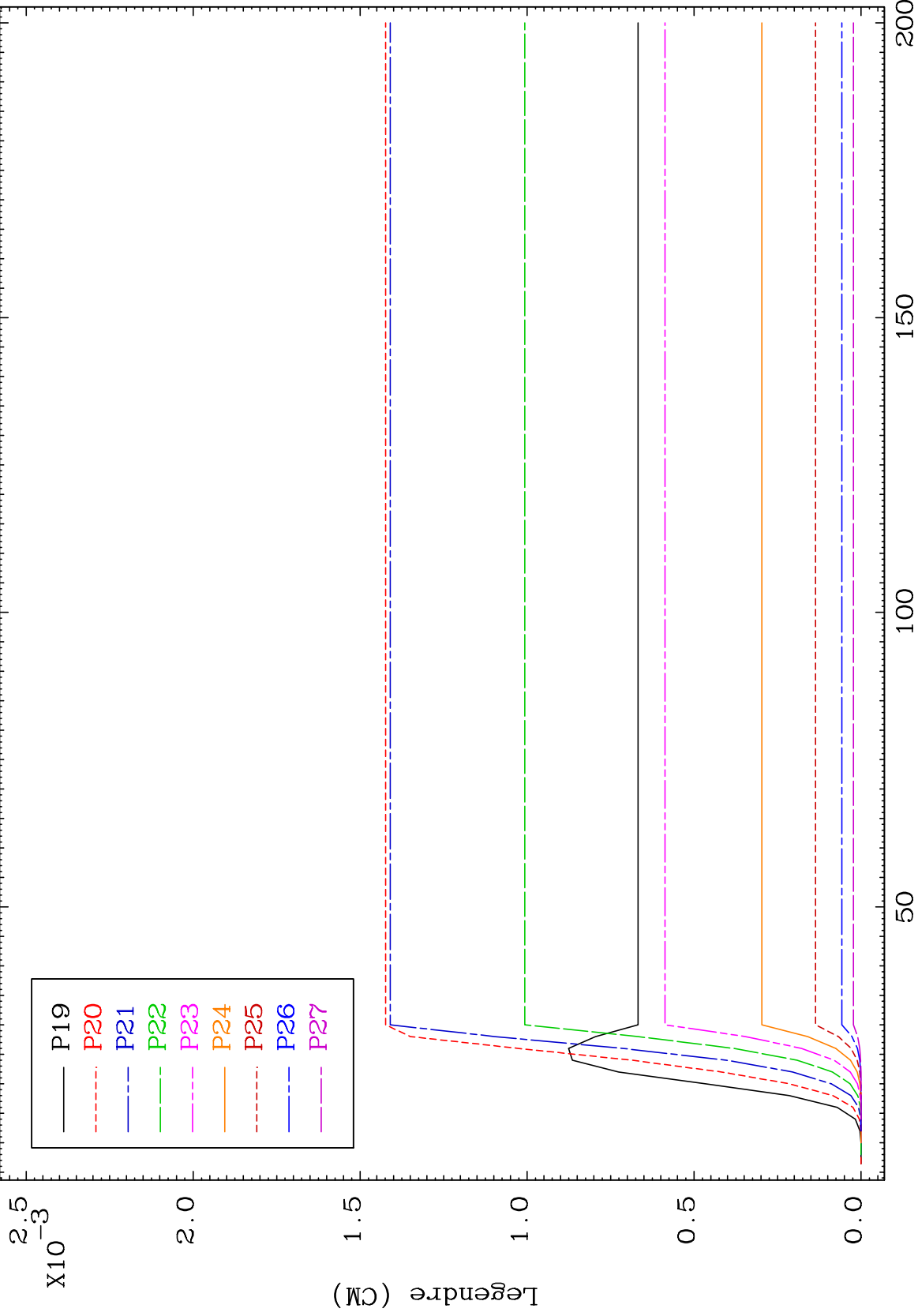
68-Er-161



68-Er-161

Incident Energy (MeV)

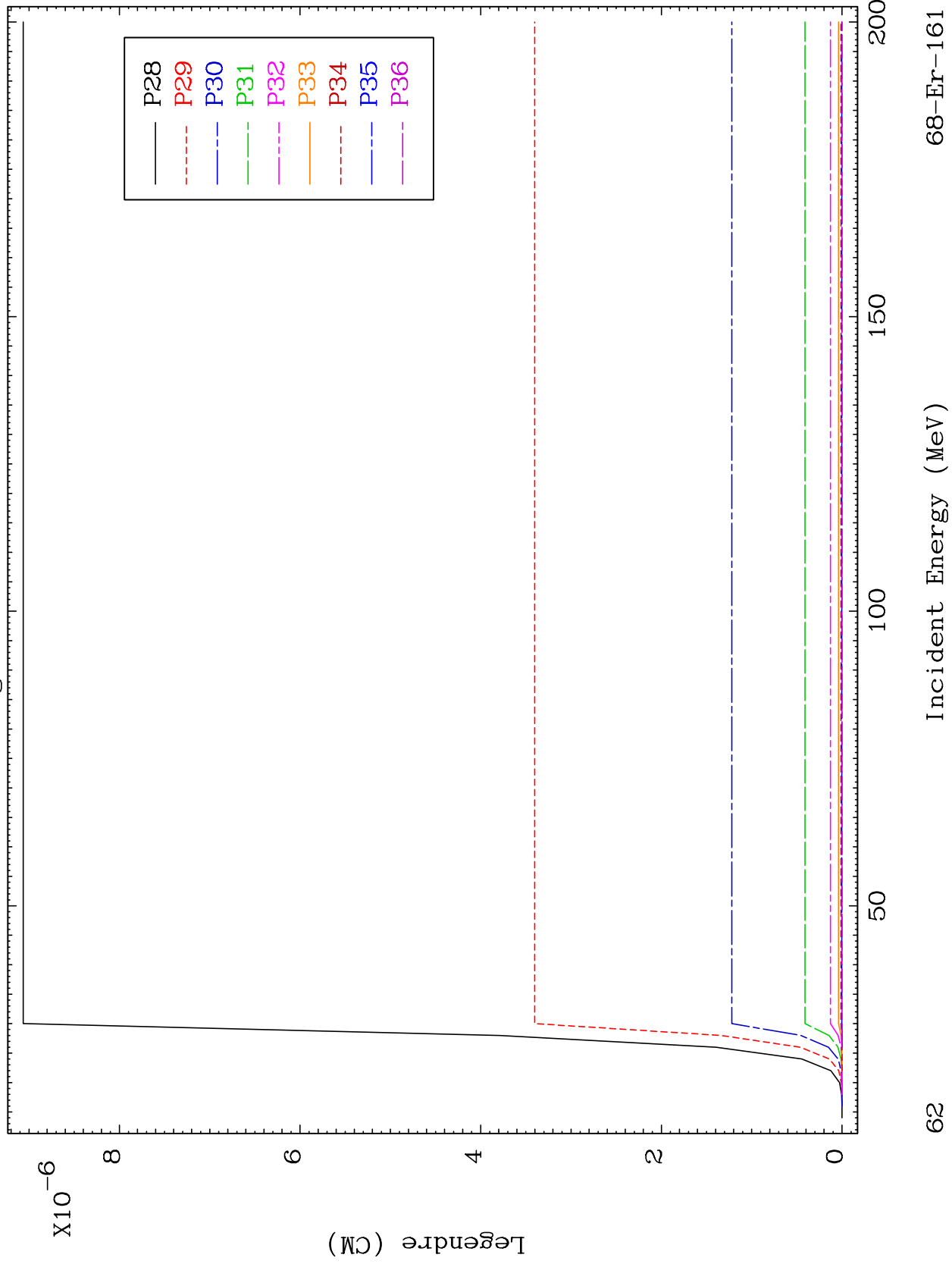
59



MAT 68222

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

68-Er-161



62

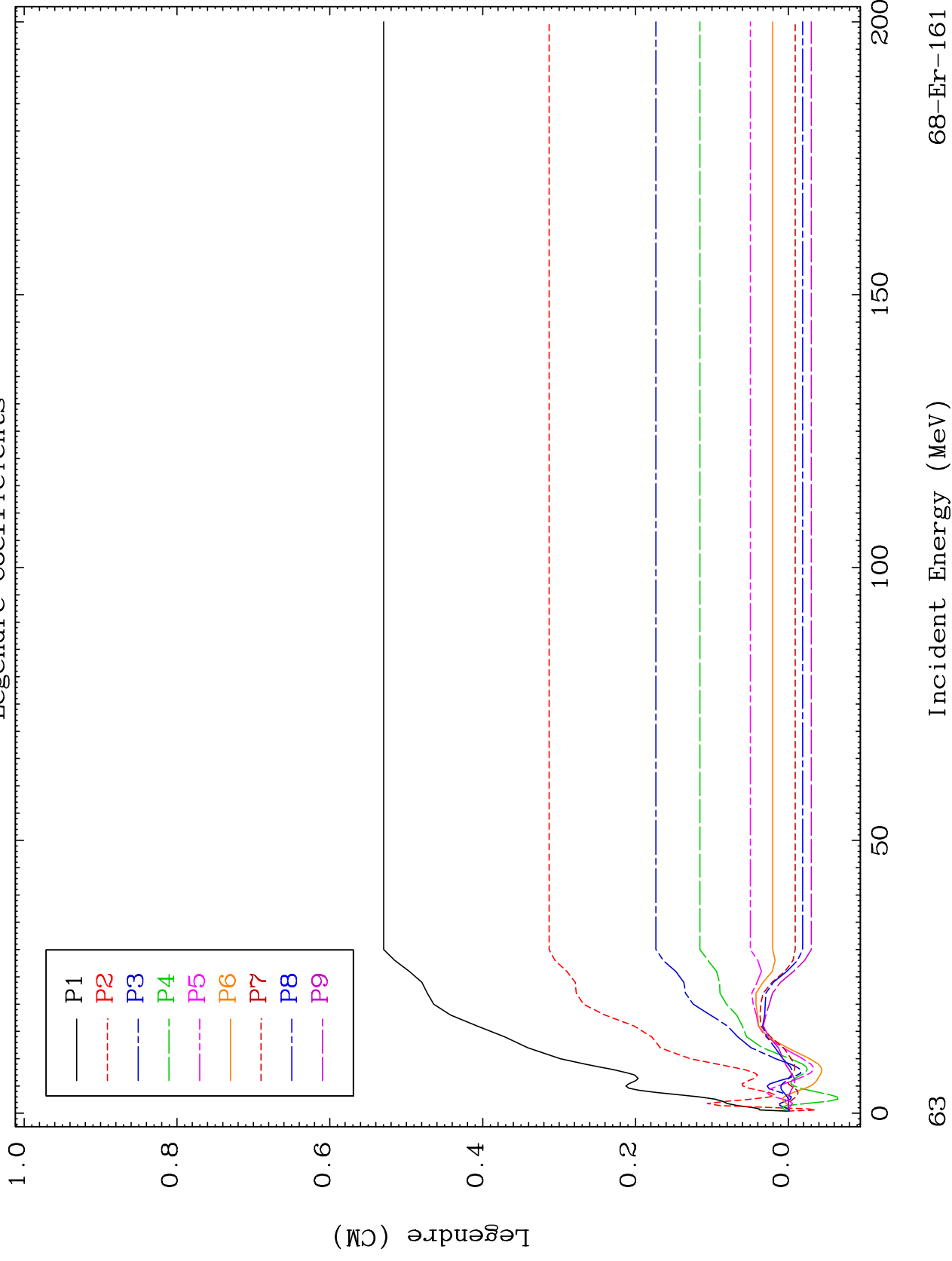
Incident Energy (MeV)

68-Er-161

MAT 68222

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

68-Er-161



68-Er-161

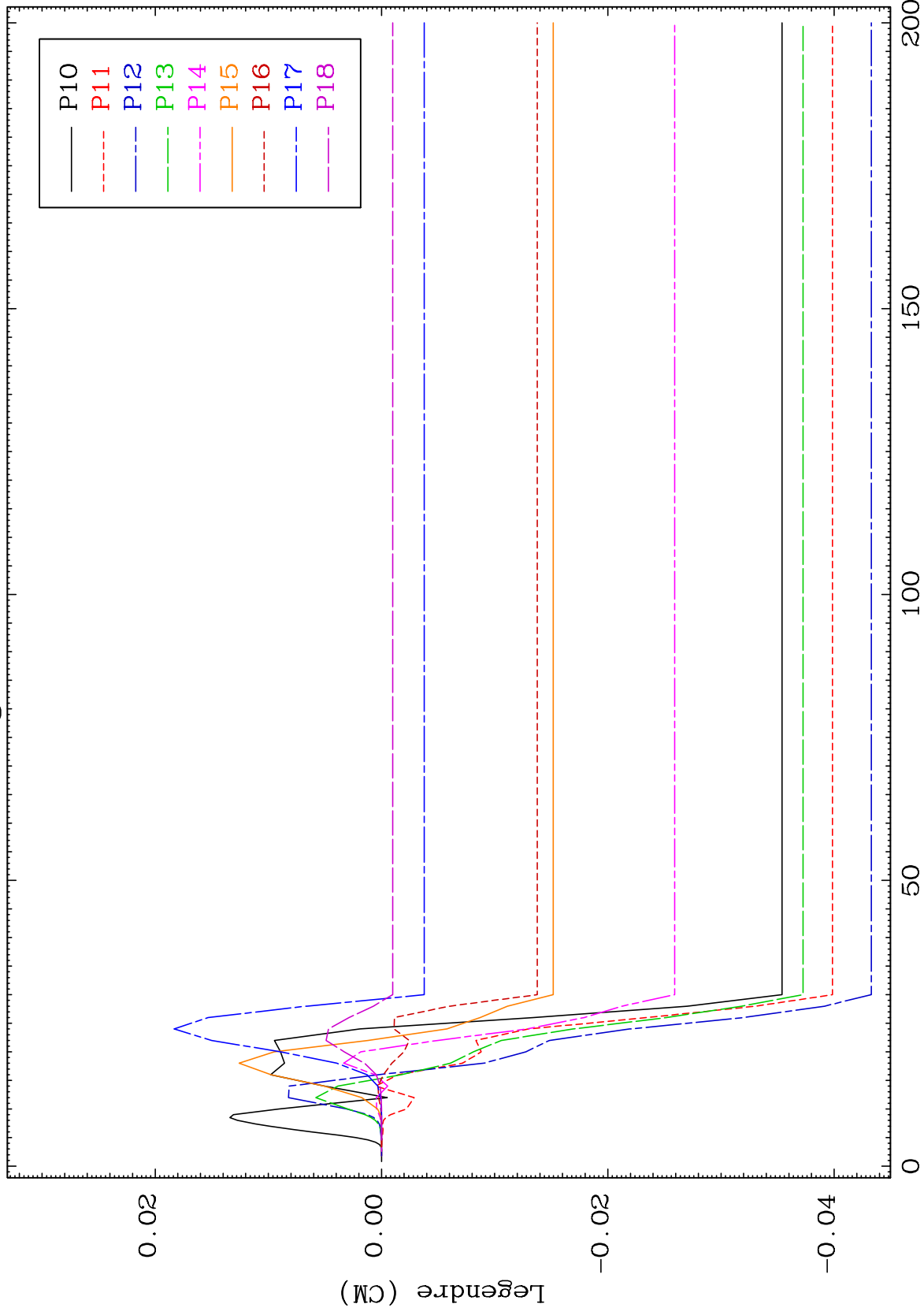
Incident Energy (MeV)

63

MAT 68222

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

68-Er-161



64

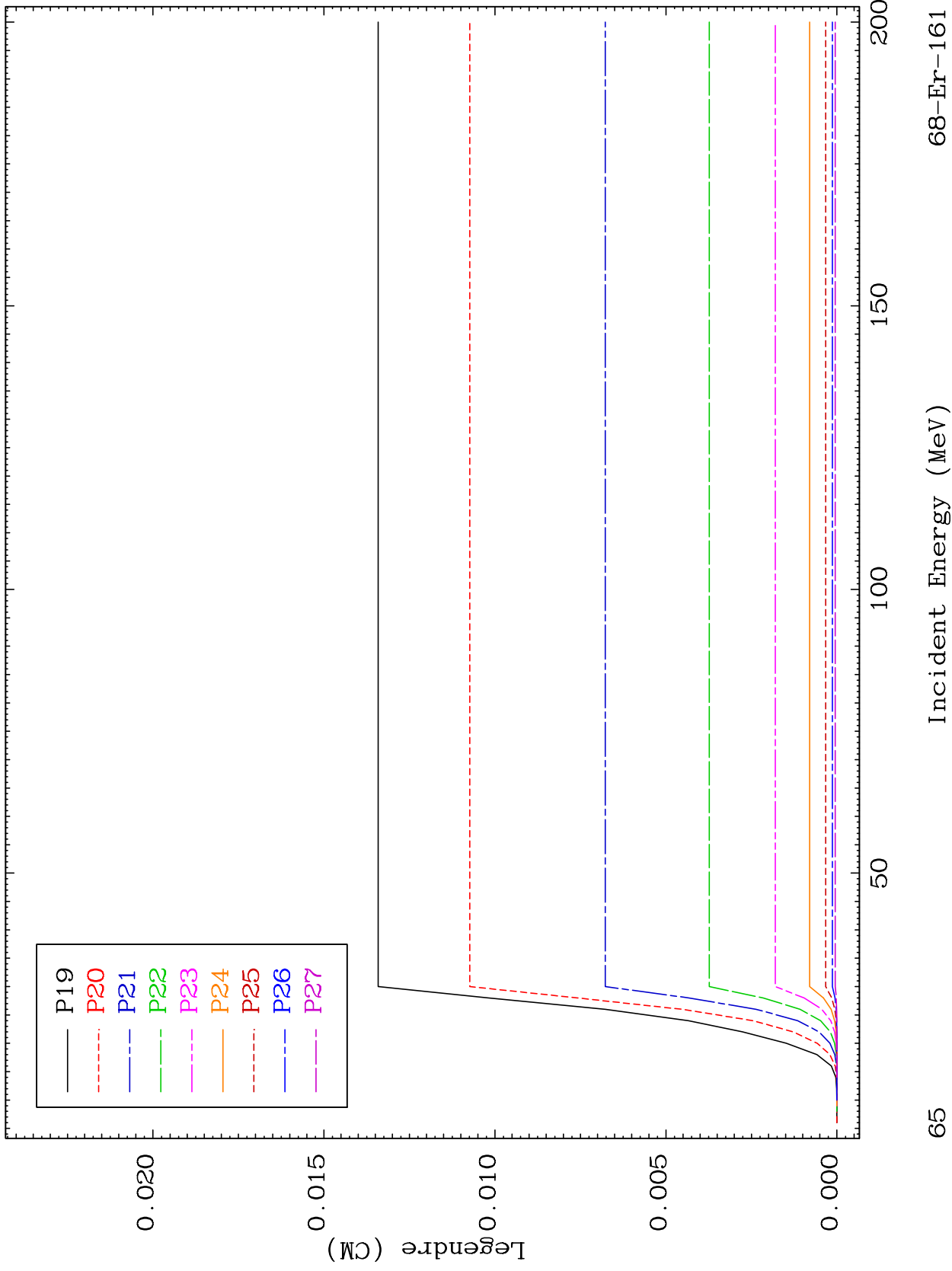
Incident Energy (MeV)

68-Er-161

MAT 68222

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

68-Er-161



65

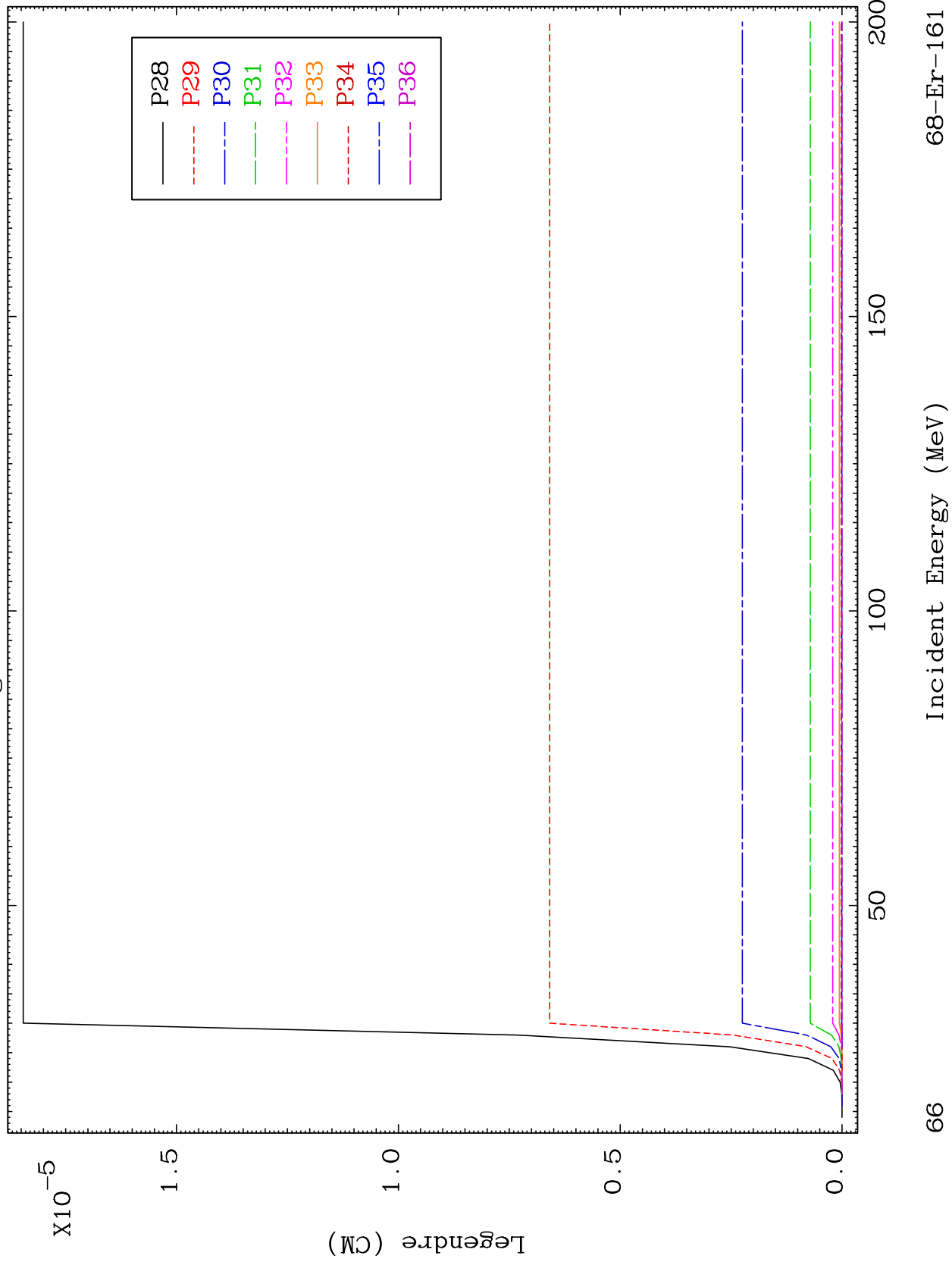
Incident Energy (MeV)

68-Er-161

MAT 68222

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

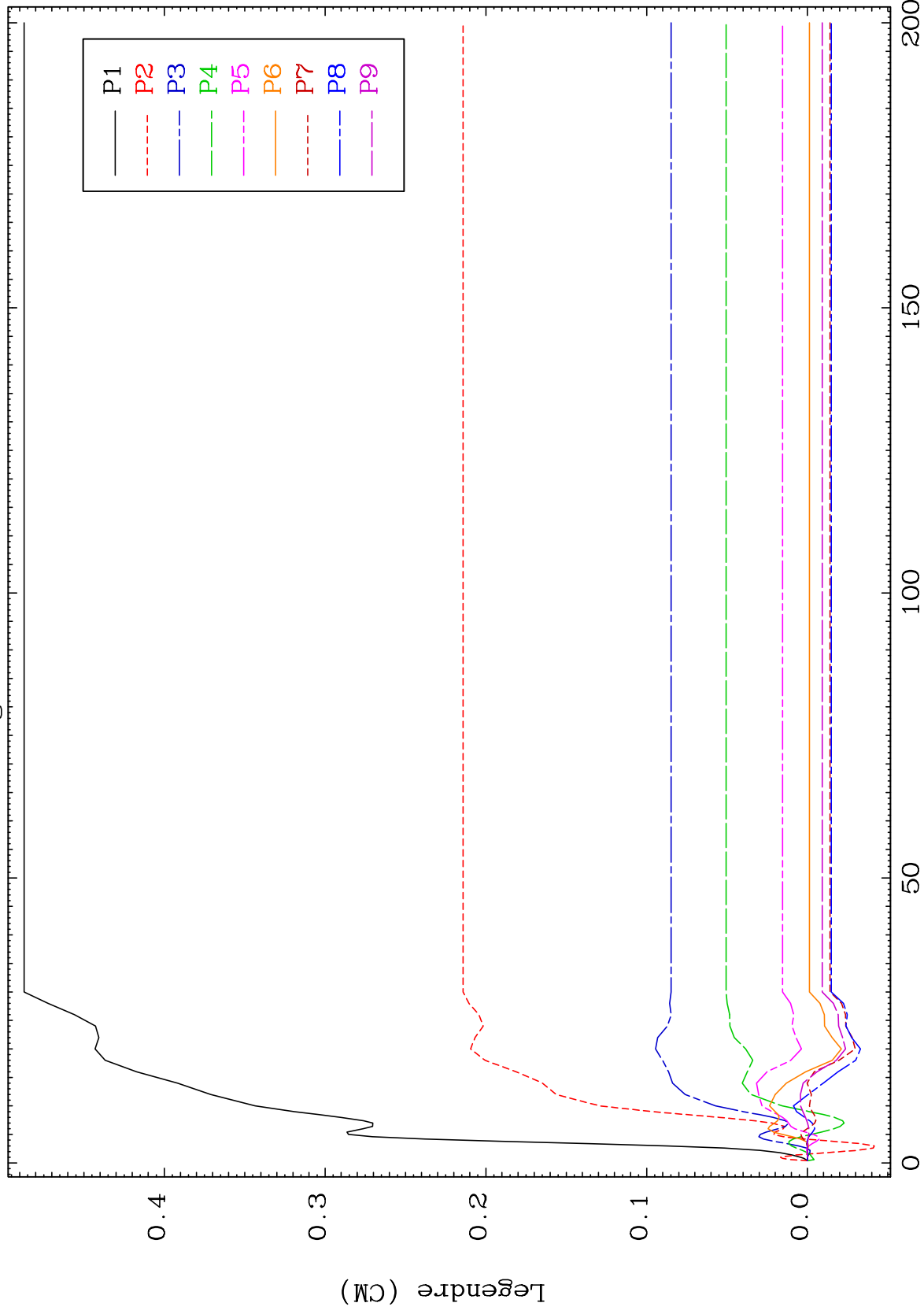
68-Er-161



MAT 68222

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

68-Er-161



67

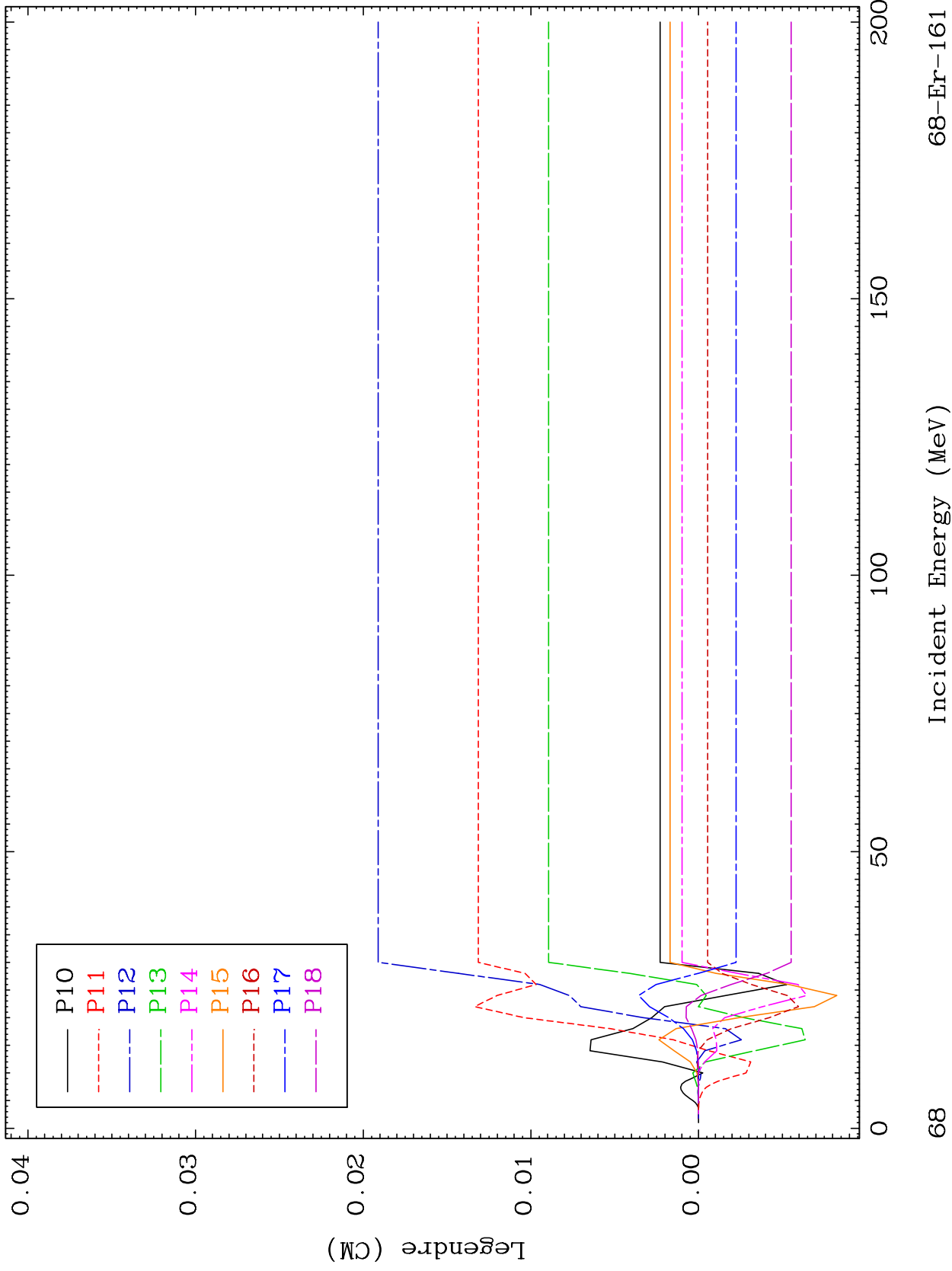
Incident Energy (MeV)

68-Er-161

MAT 68222

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

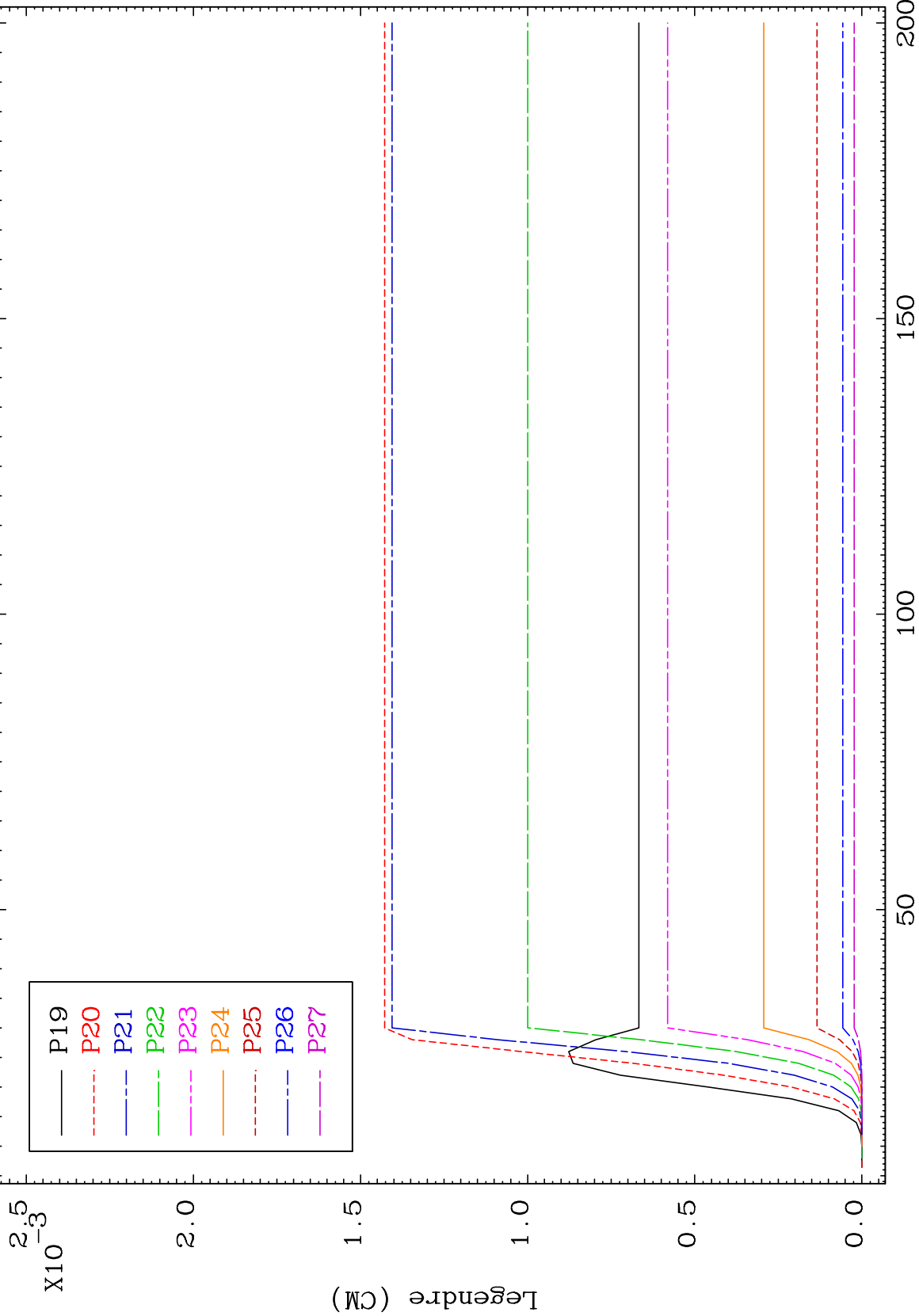
68-Er-161



68-Er-161

Incident Energy (MeV)

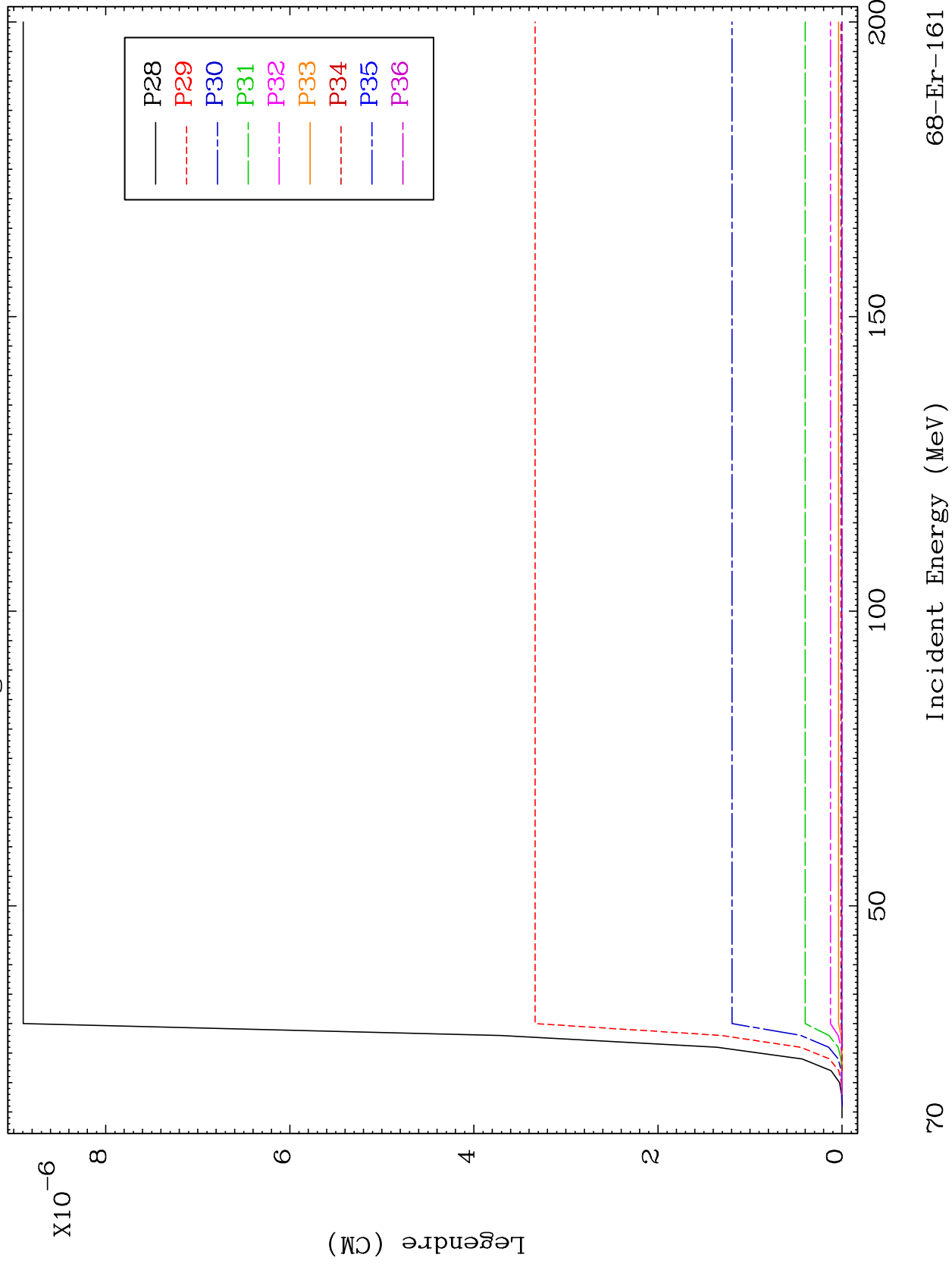
68



MAT 68222

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

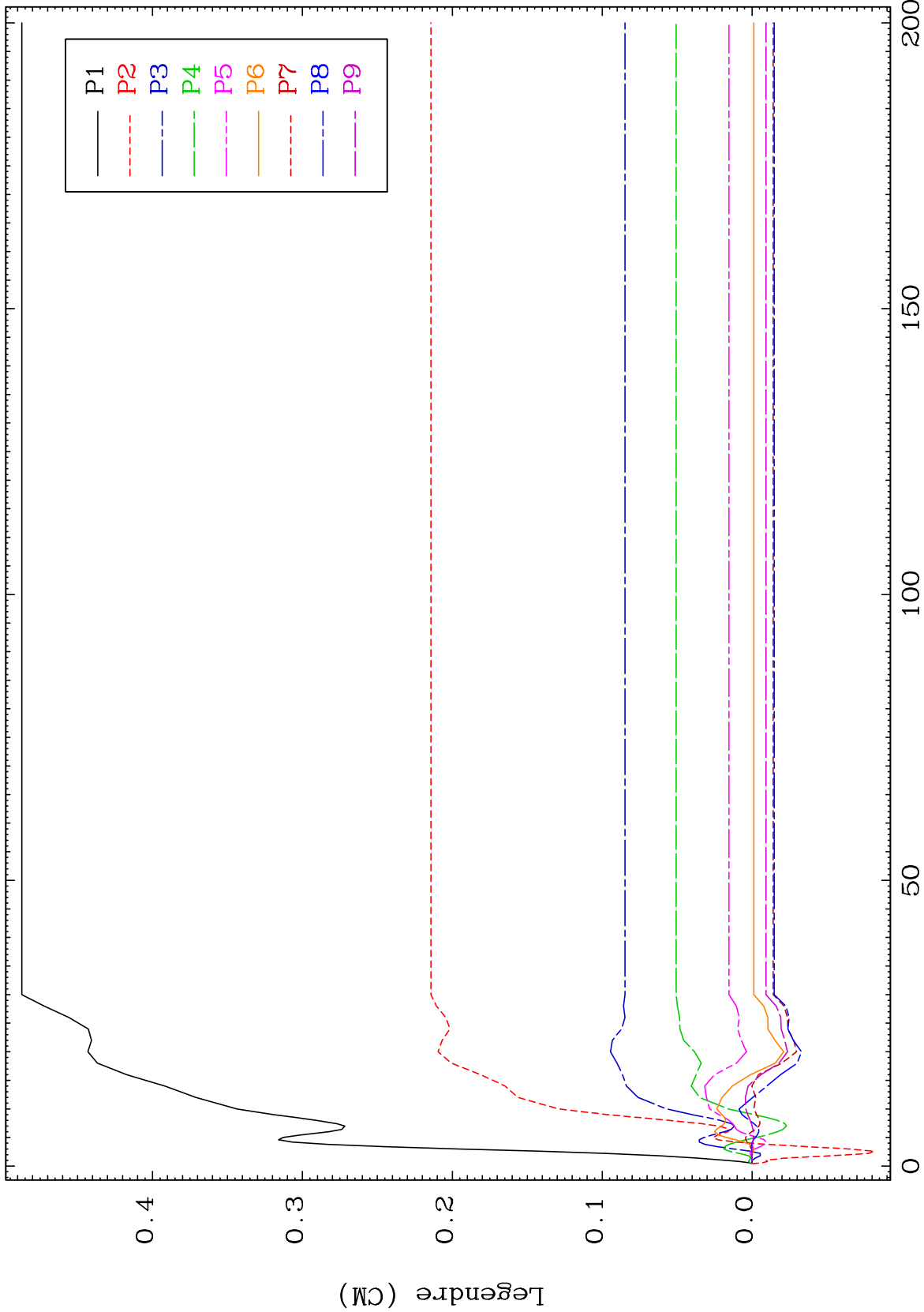
68-Er-161



MAT 6822

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

68-Er-161



71

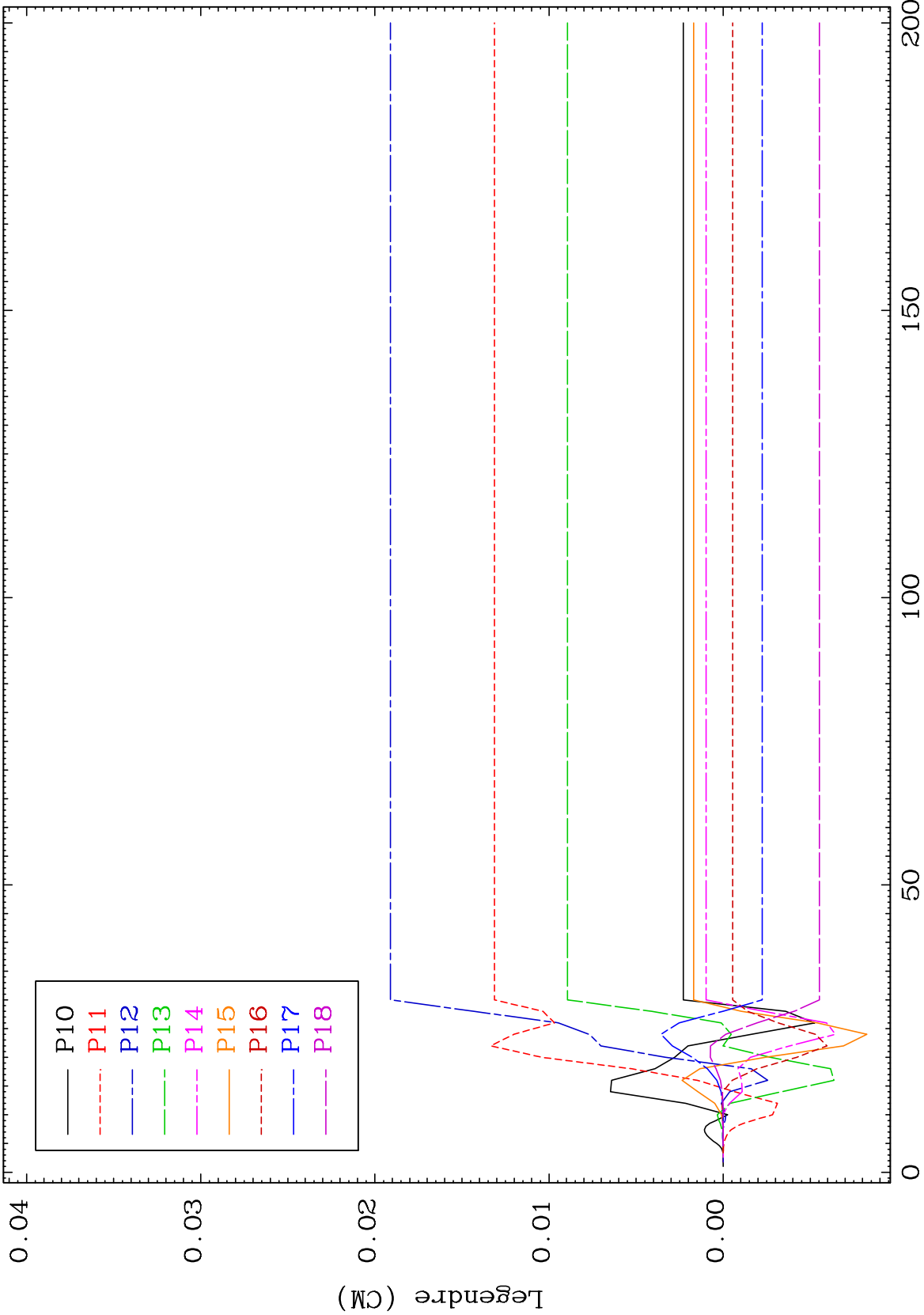
Incident Energy (MeV)

68-Er-161

MAT 68222

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

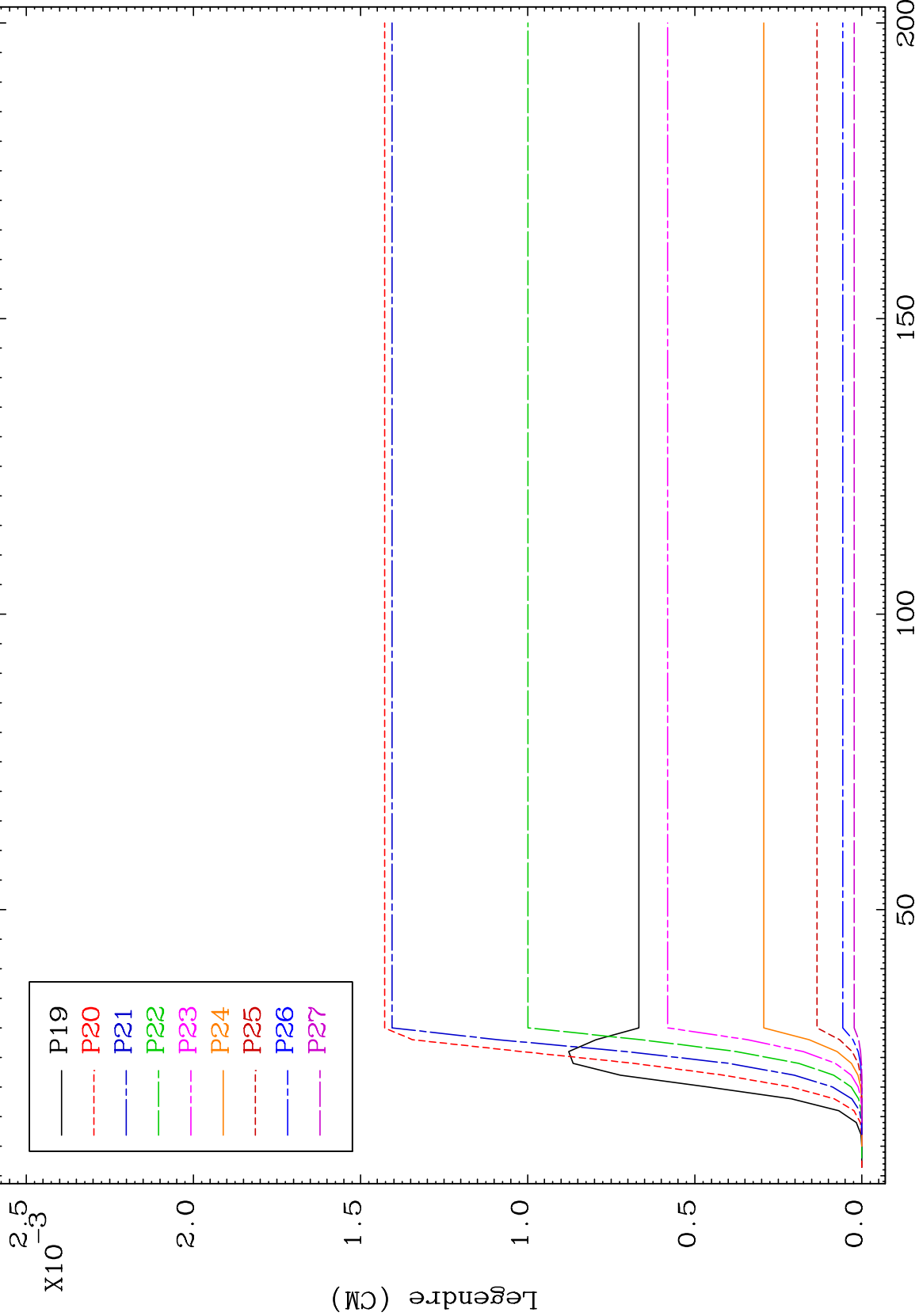
68-Er-161



72

Incident Energy (MeV)

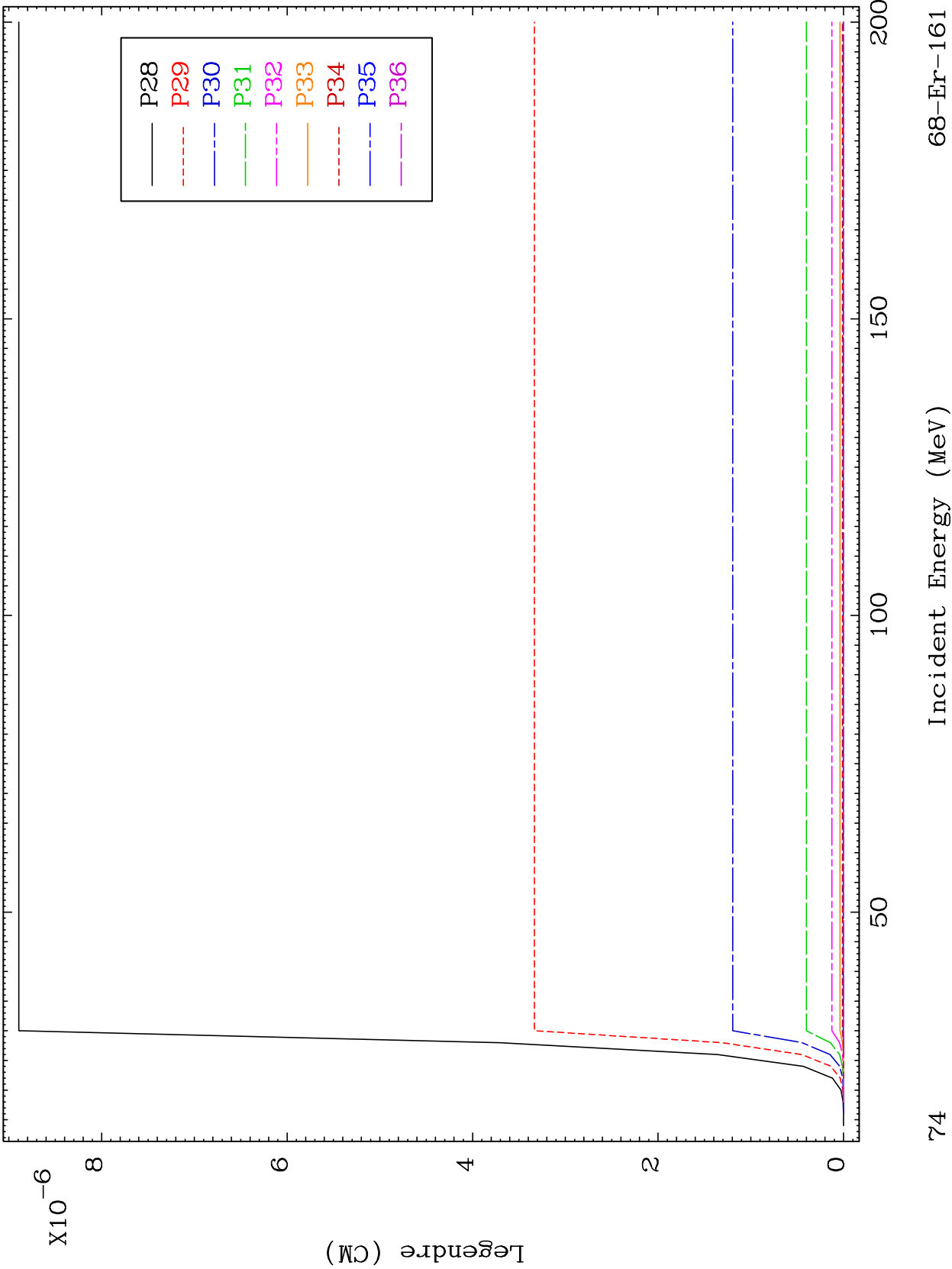
68-Er-161



MAT 68222

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

68-Er-161



74

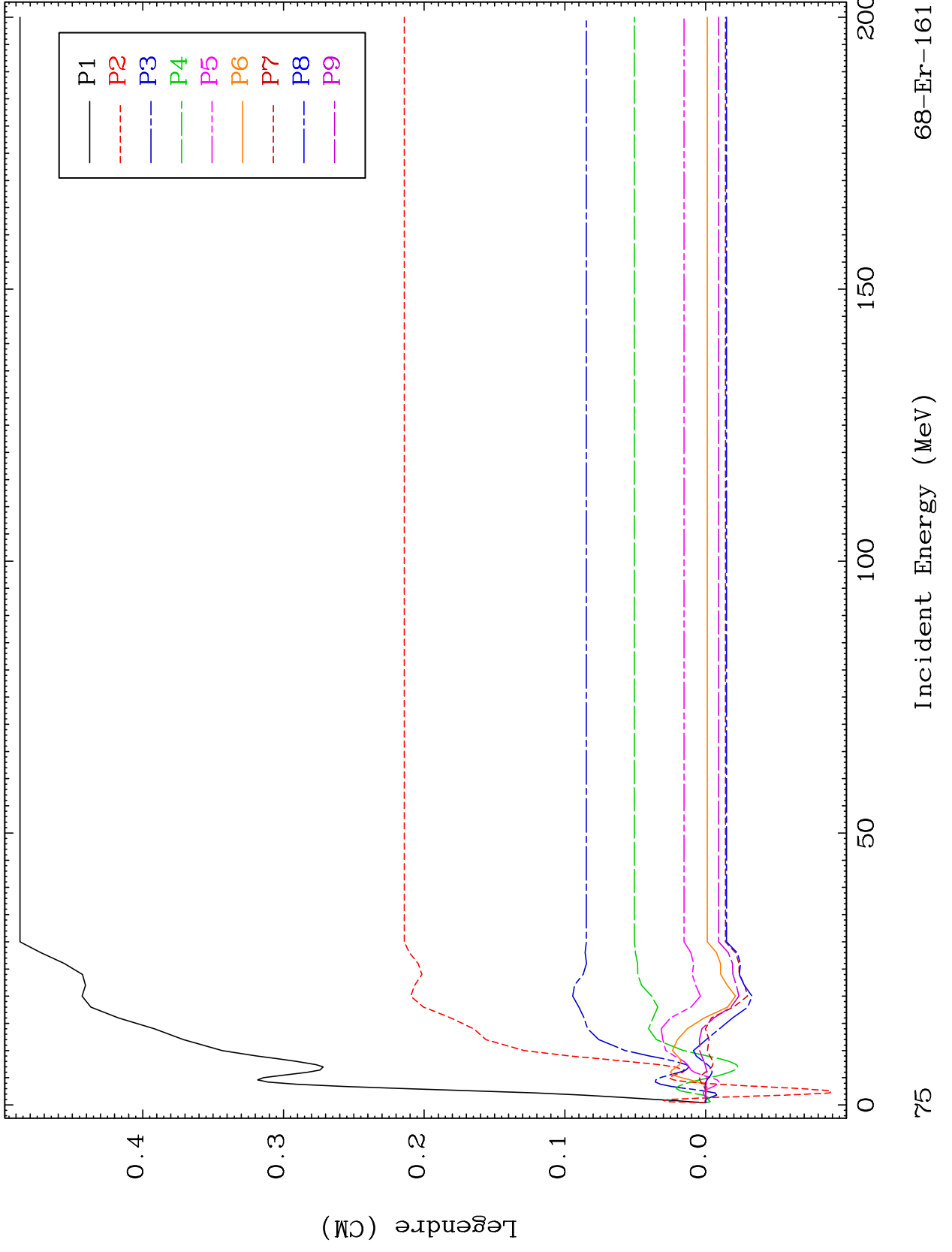
Incident Energy (MeV)

68-Er-161

MAT 68222

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

68-Er-161



68-Er-161

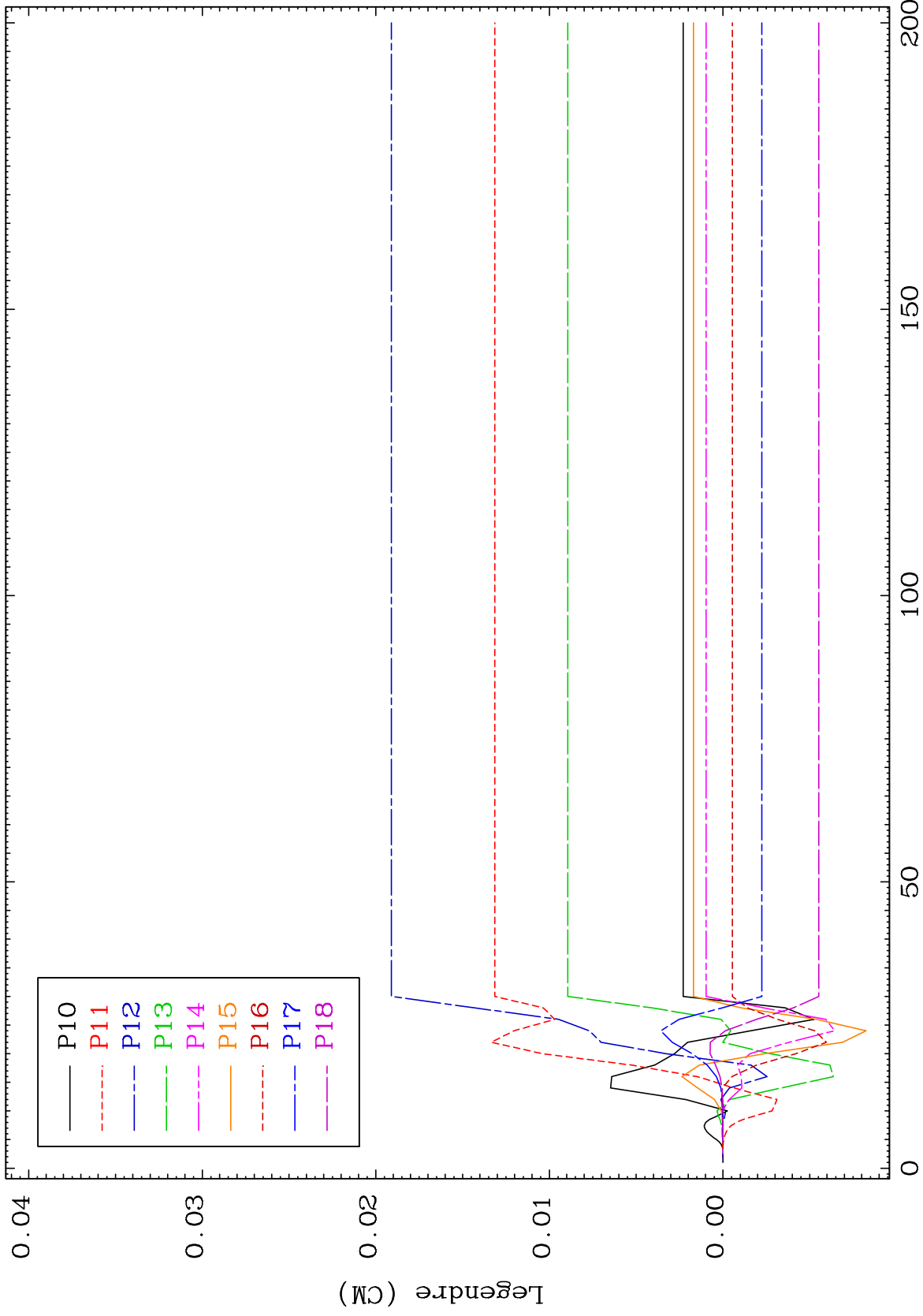
Incident Energy (MeV)

75

MAT 68222

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

68-Er-161



76

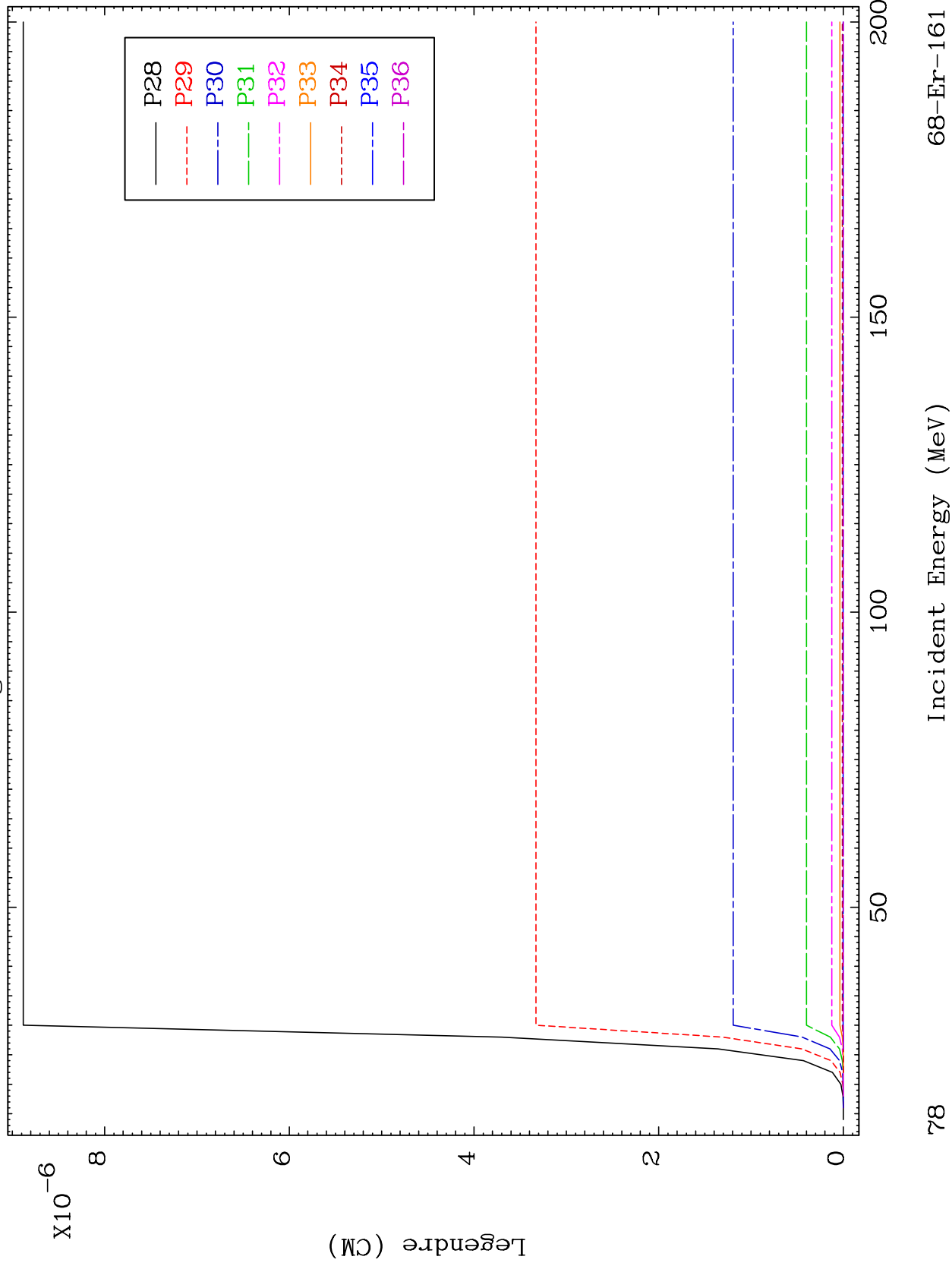
Incident Energy (MeV)

68-Er-161

MAT 6822

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

68-Er-161



78

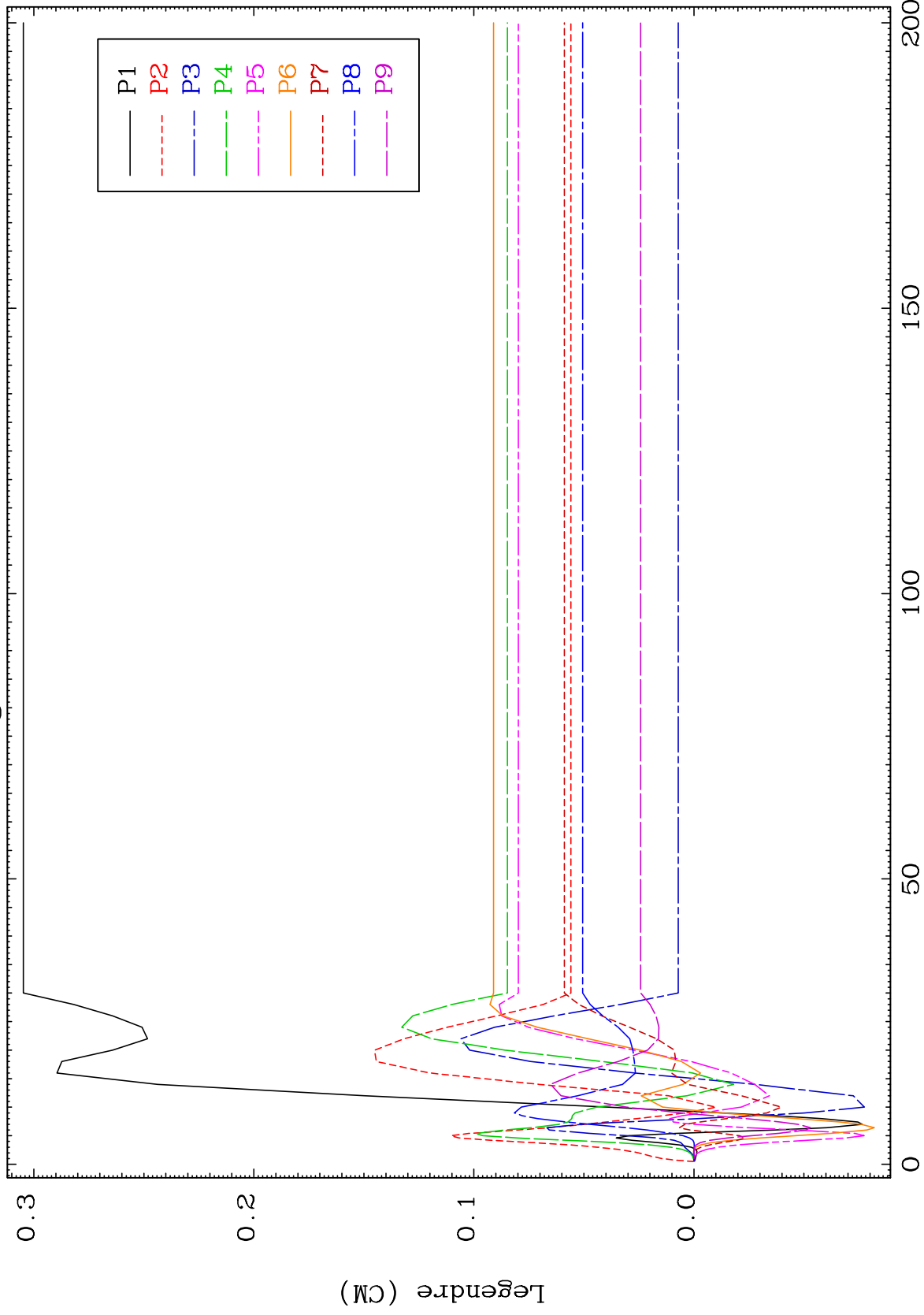
Incident Energy (MeV)

68-Er-161

MAT 68222

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

68-Er-161



79

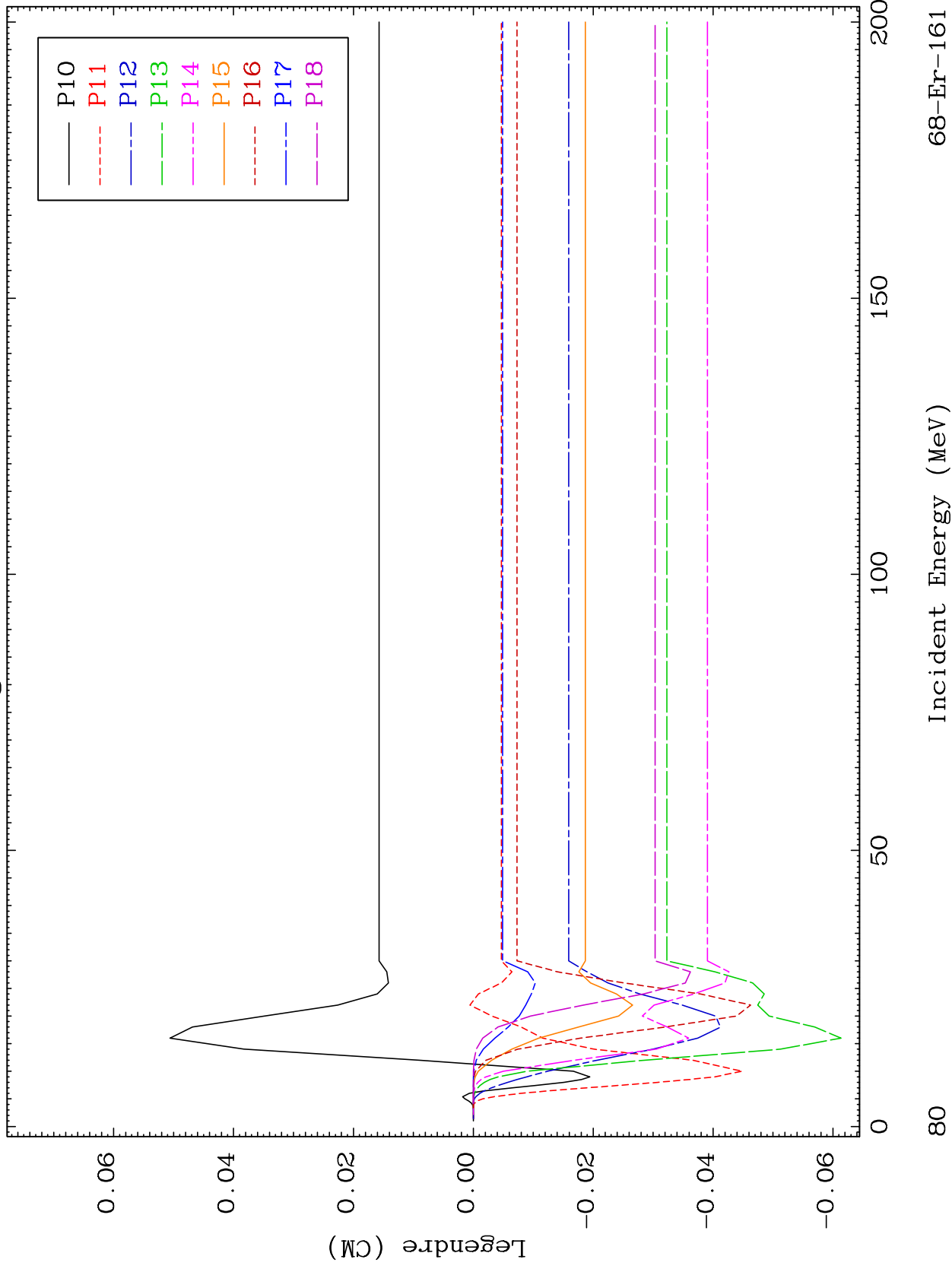
Incident Energy (MeV)

68-Er-161

MAT 68222

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

68-Er-161



68-Er-161

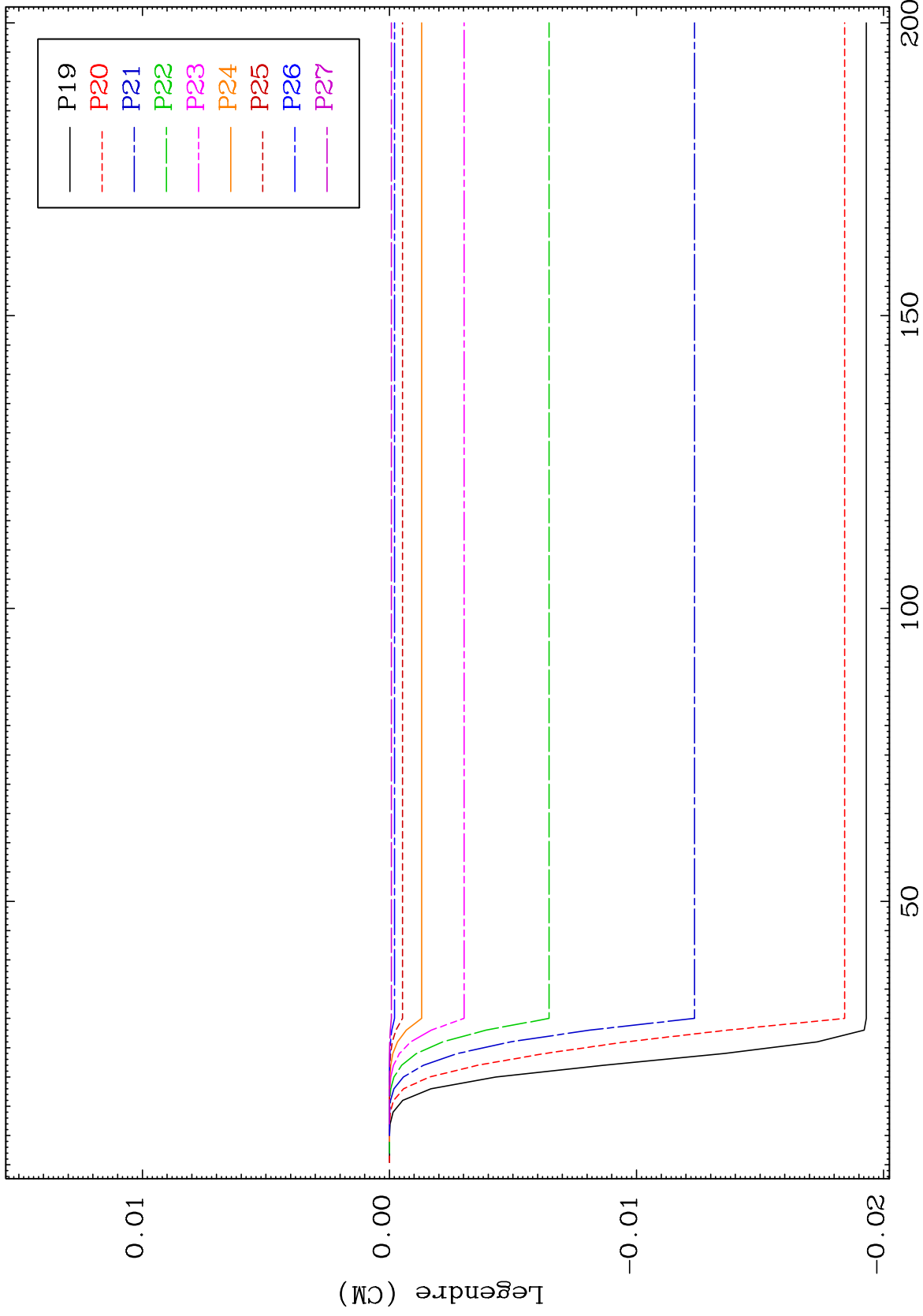
Incident Energy (MeV)

80

MAT 6822

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

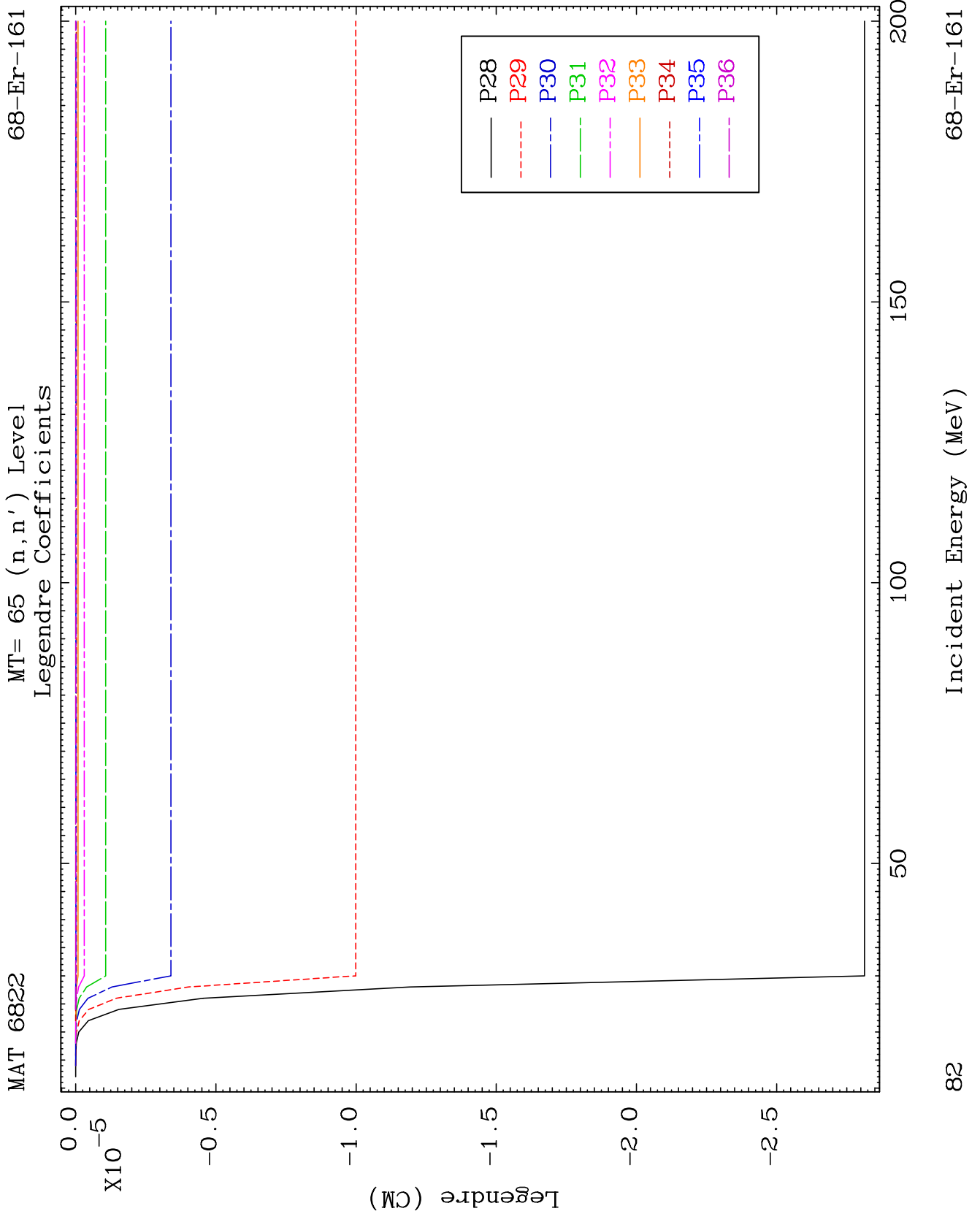
68-Er-161



81

Incident Energy (MeV)

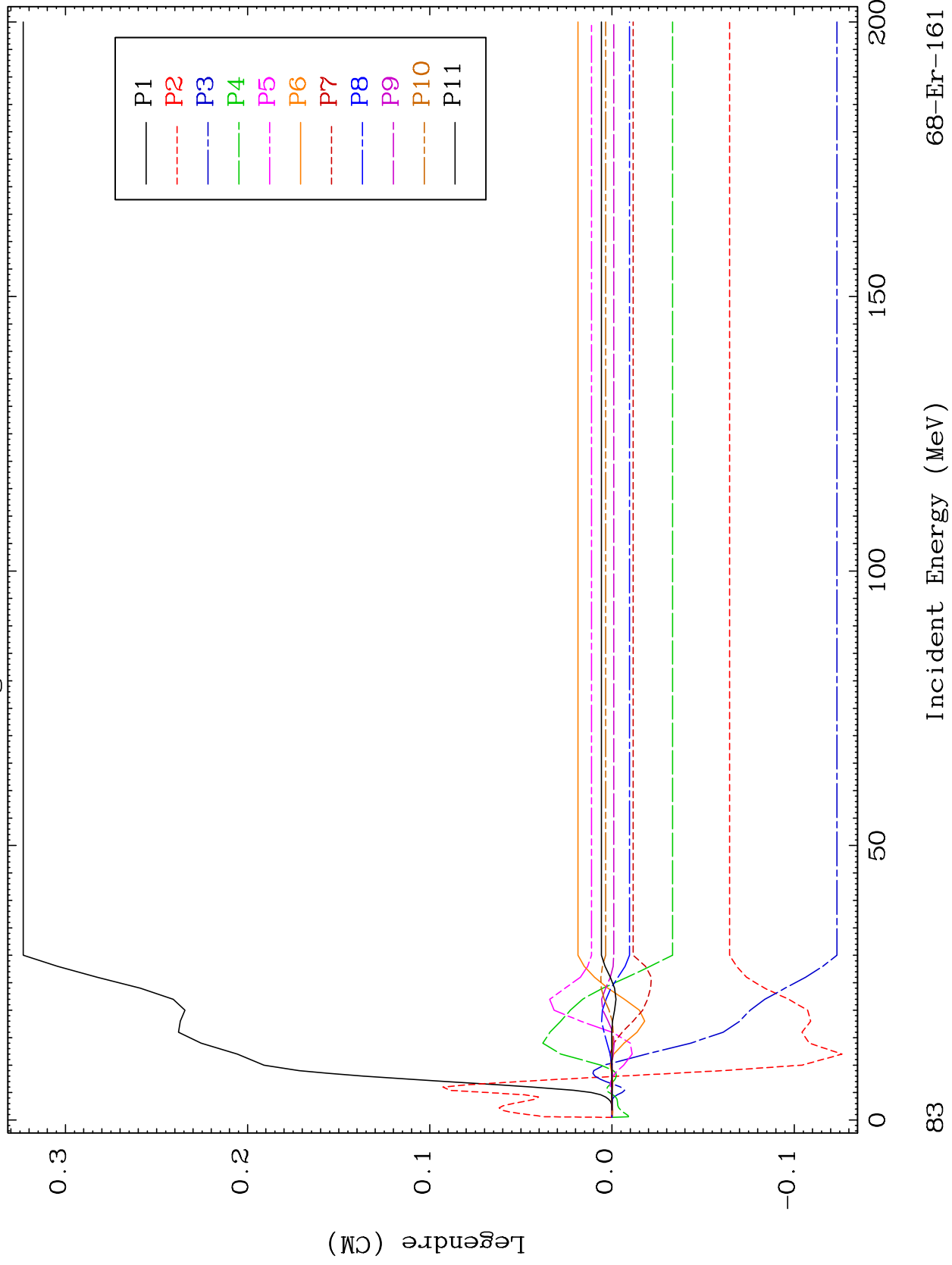
68-Er-161



MAT 6822

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

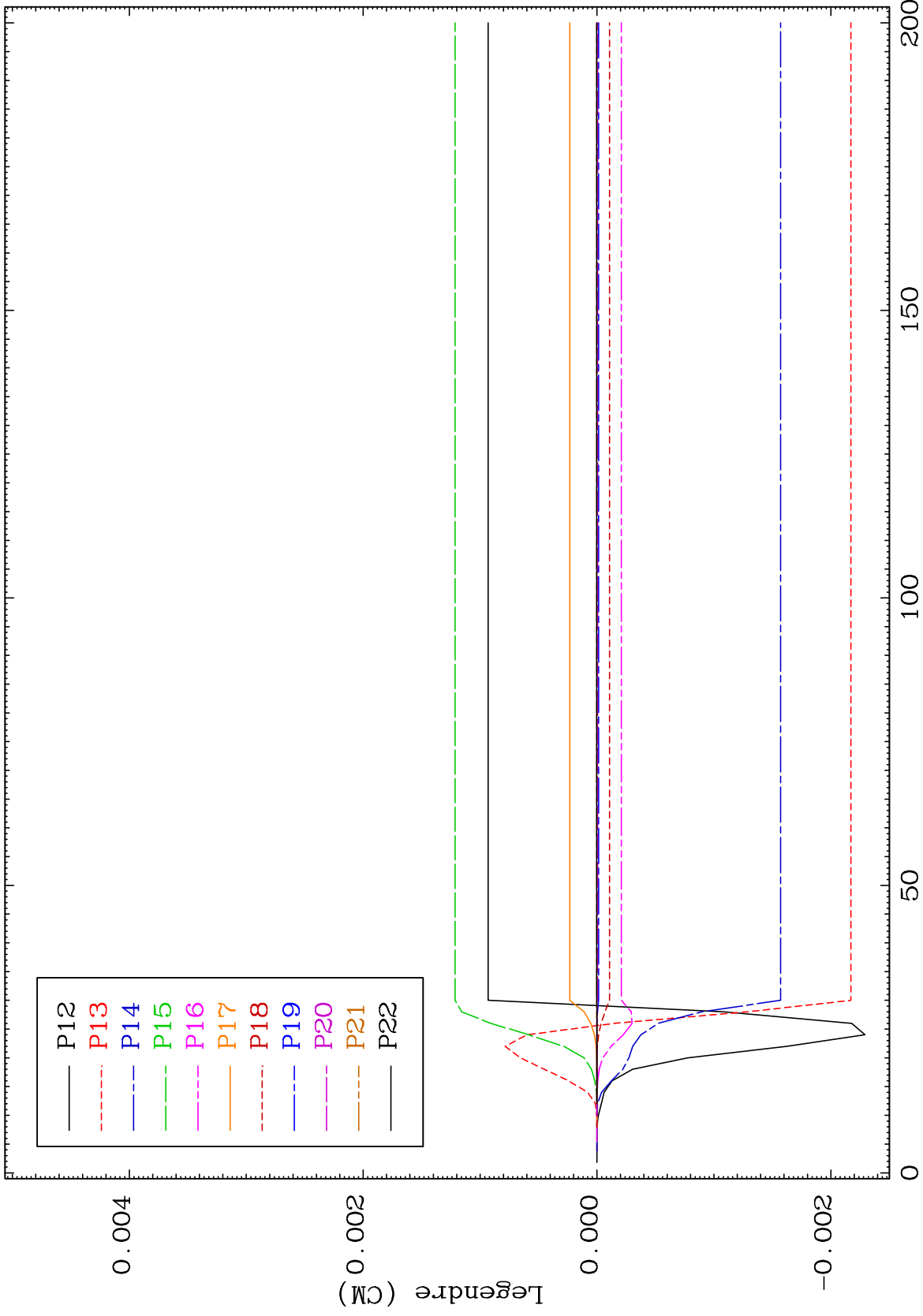
68-Er-161



83

Incident Energy (MeV)

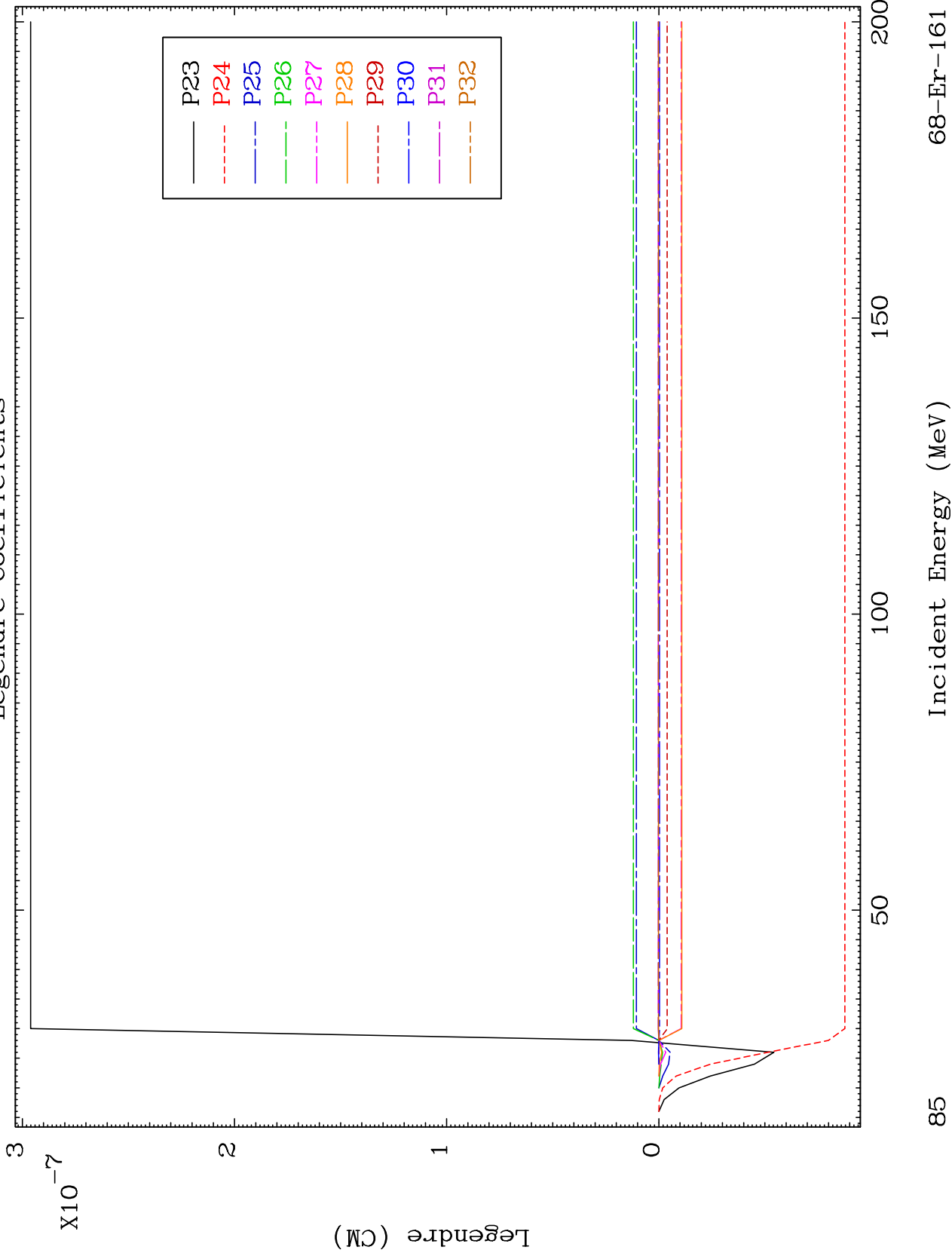
68-Er-161



MAT 6822

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

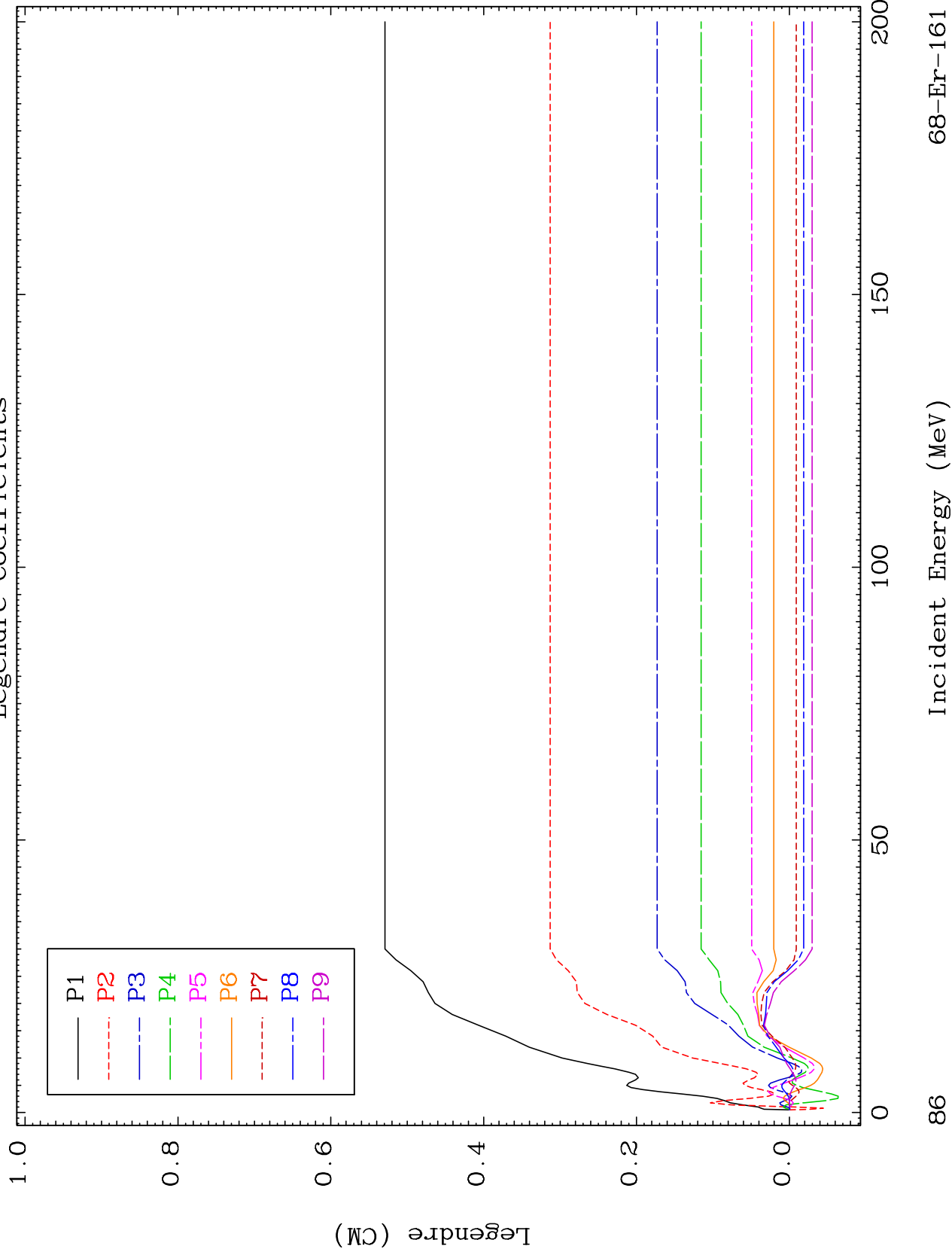
68-Er-161



MAT 68222

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

68-Er-161



86

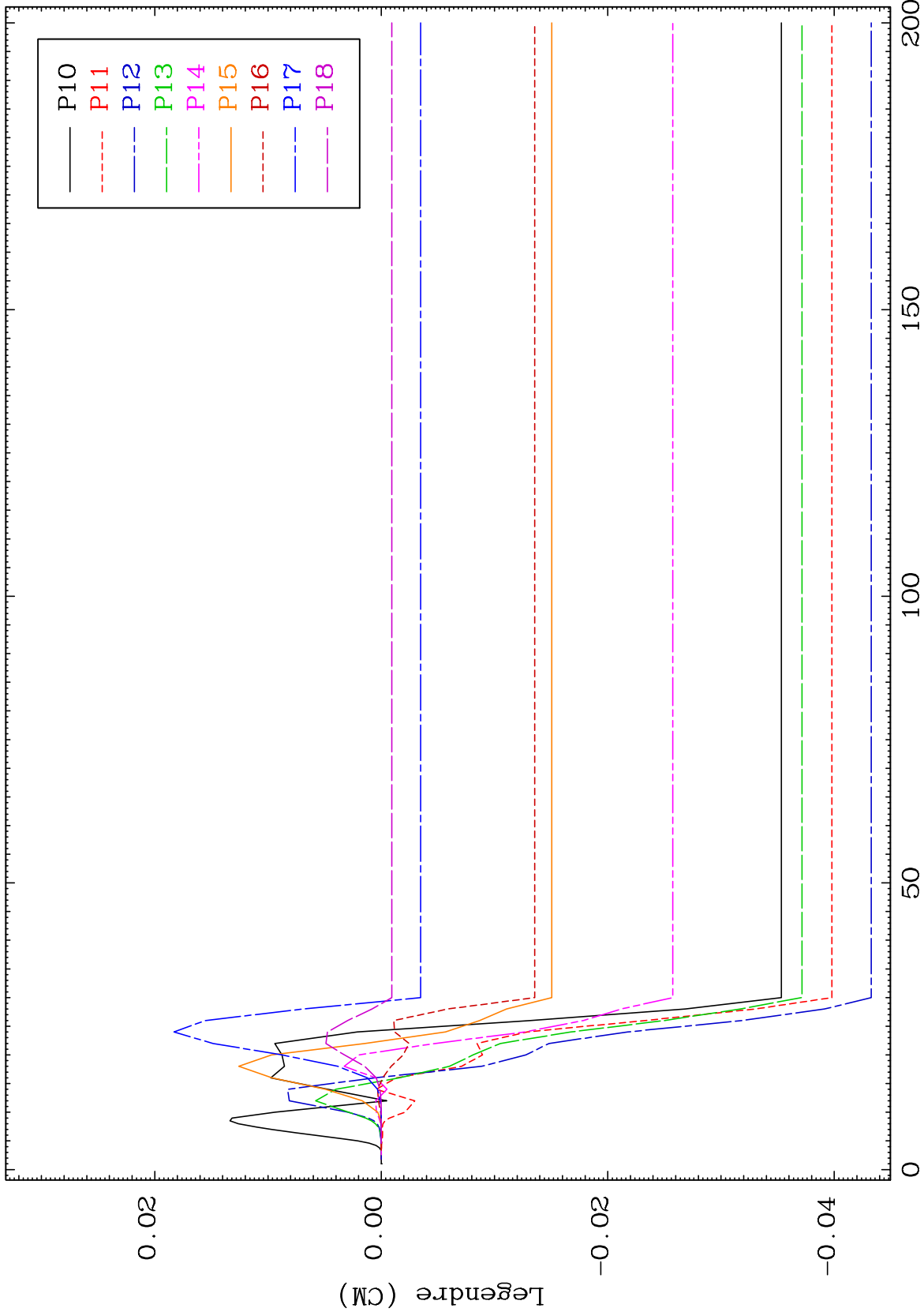
Incident Energy (MeV)

68-Er-161

MAT 68222

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

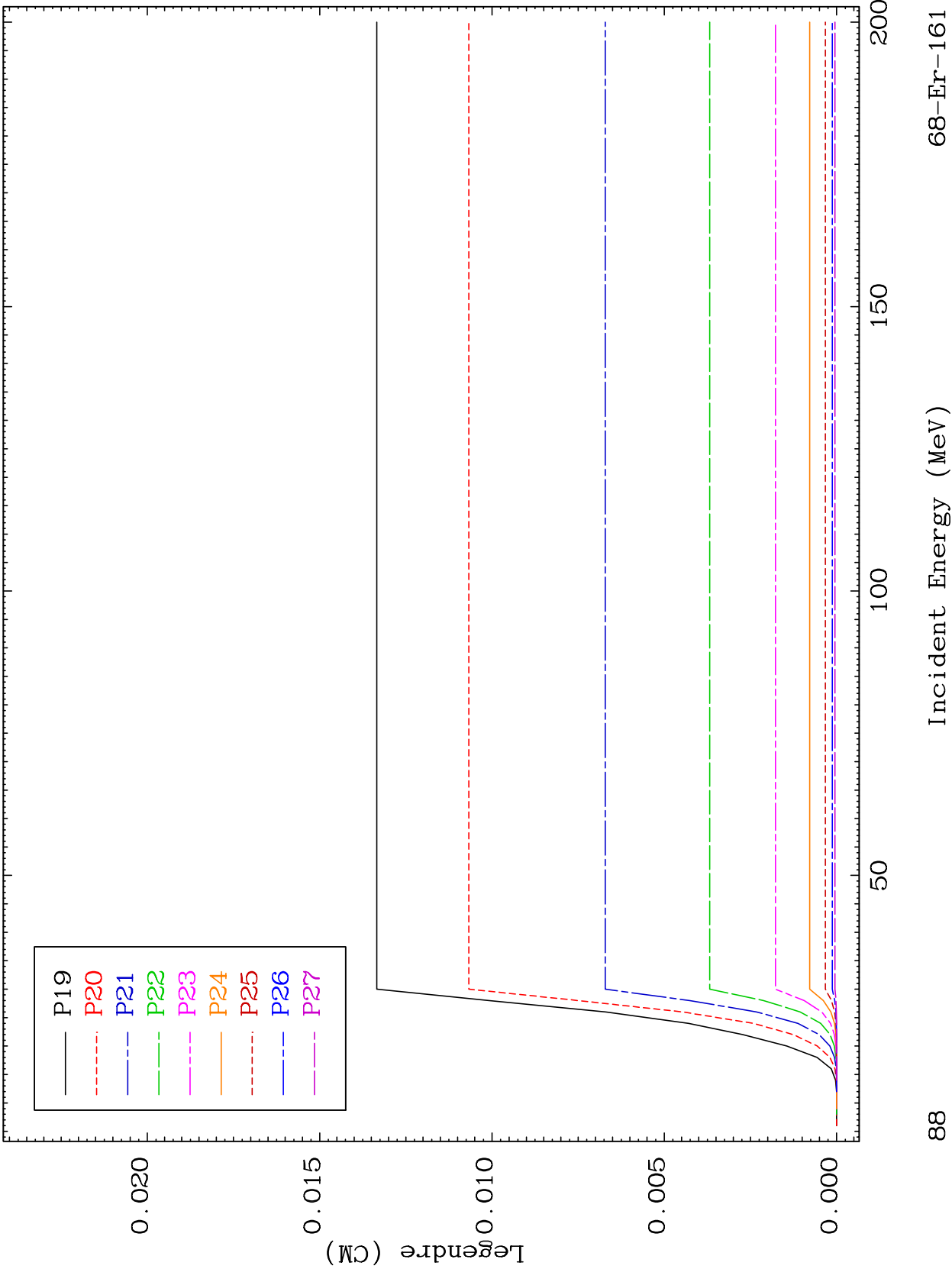
68-Er-161



87

Incident Energy (MeV)

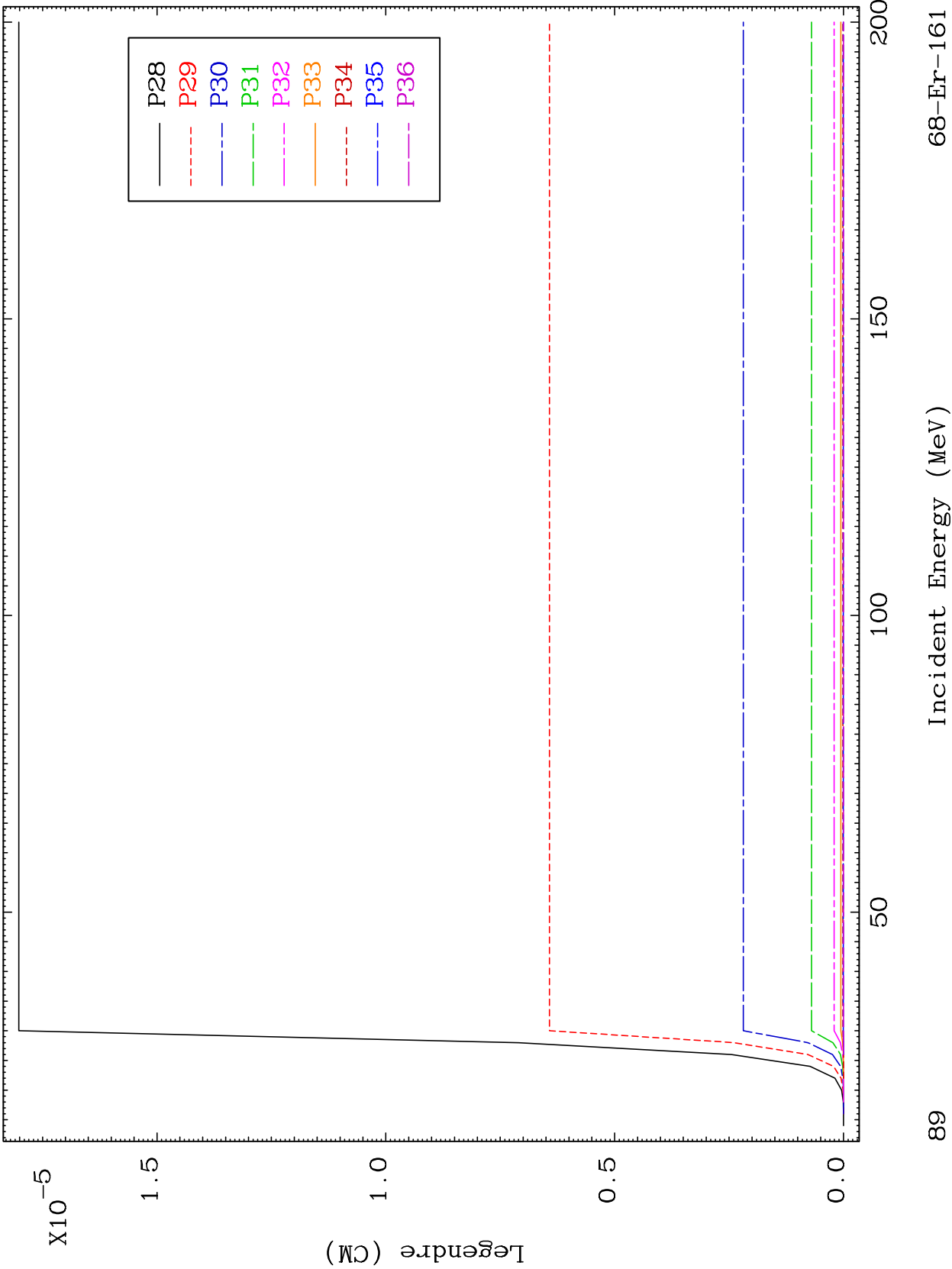
68-Er-161



MAT 68222

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

68-Er-161



89

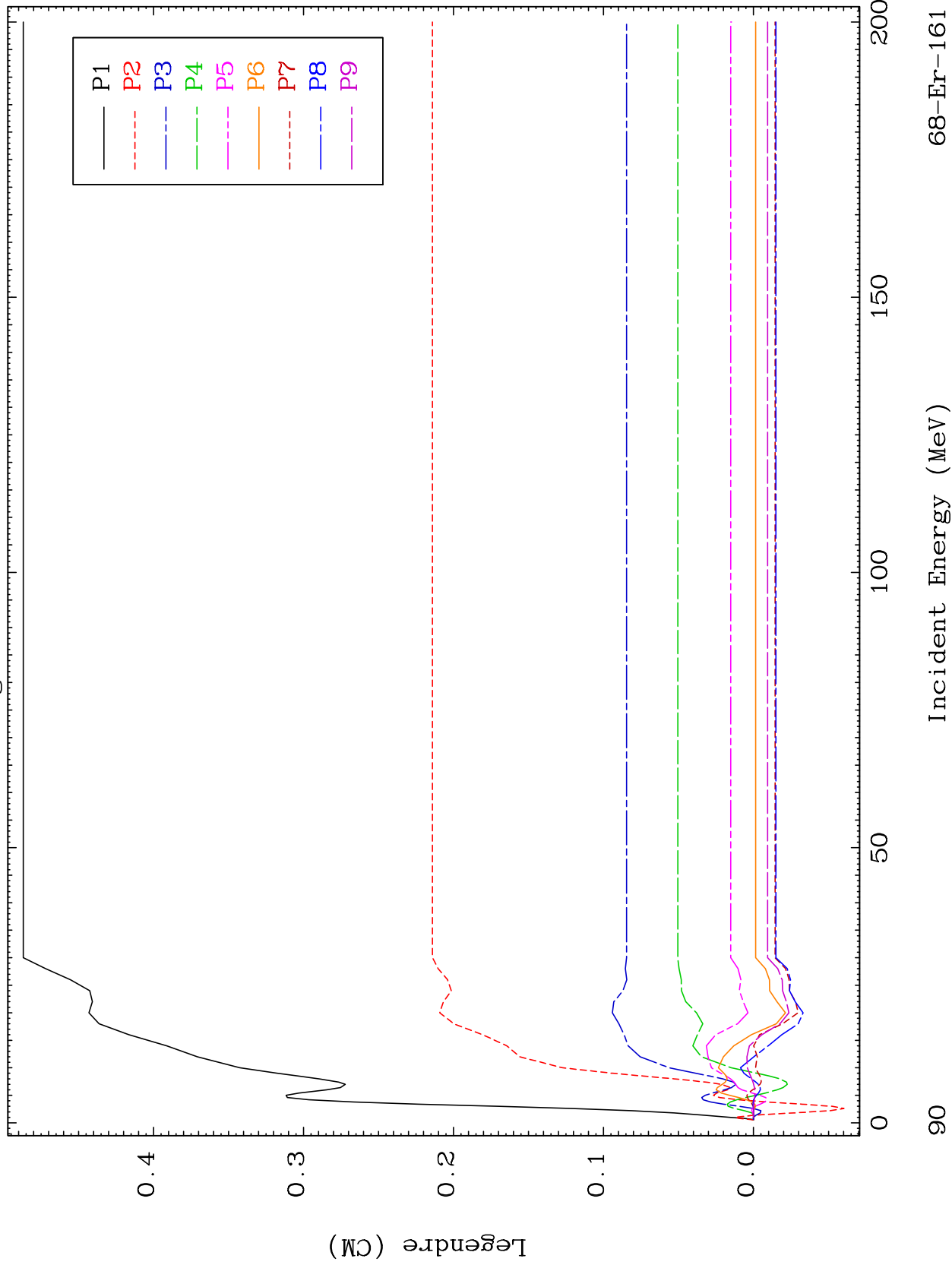
Incident Energy (MeV)

68-Er-161

MAT 68222

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

68-Er-161



68-Er-161

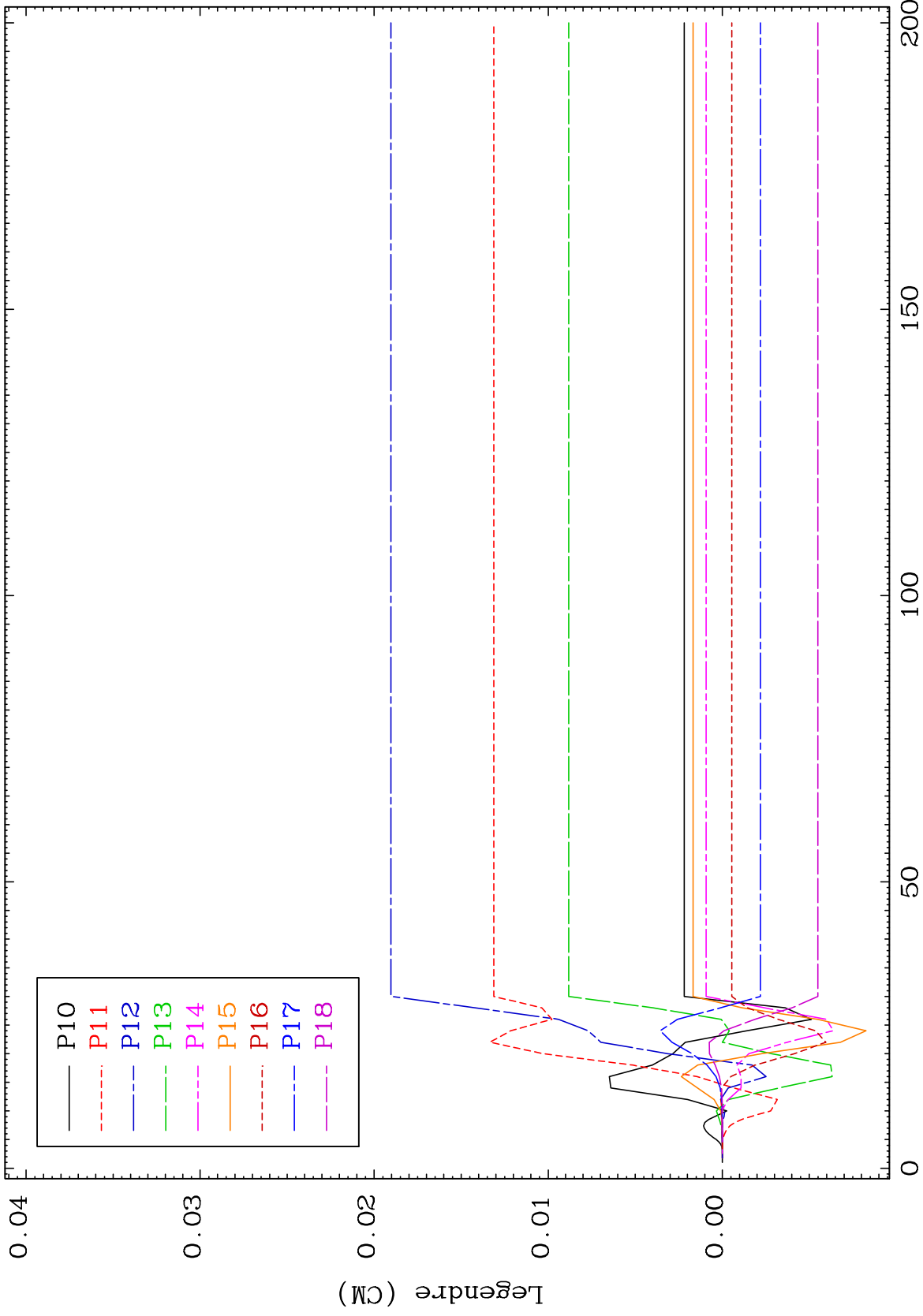
Incident Energy (MeV)

90

MAT 68222

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

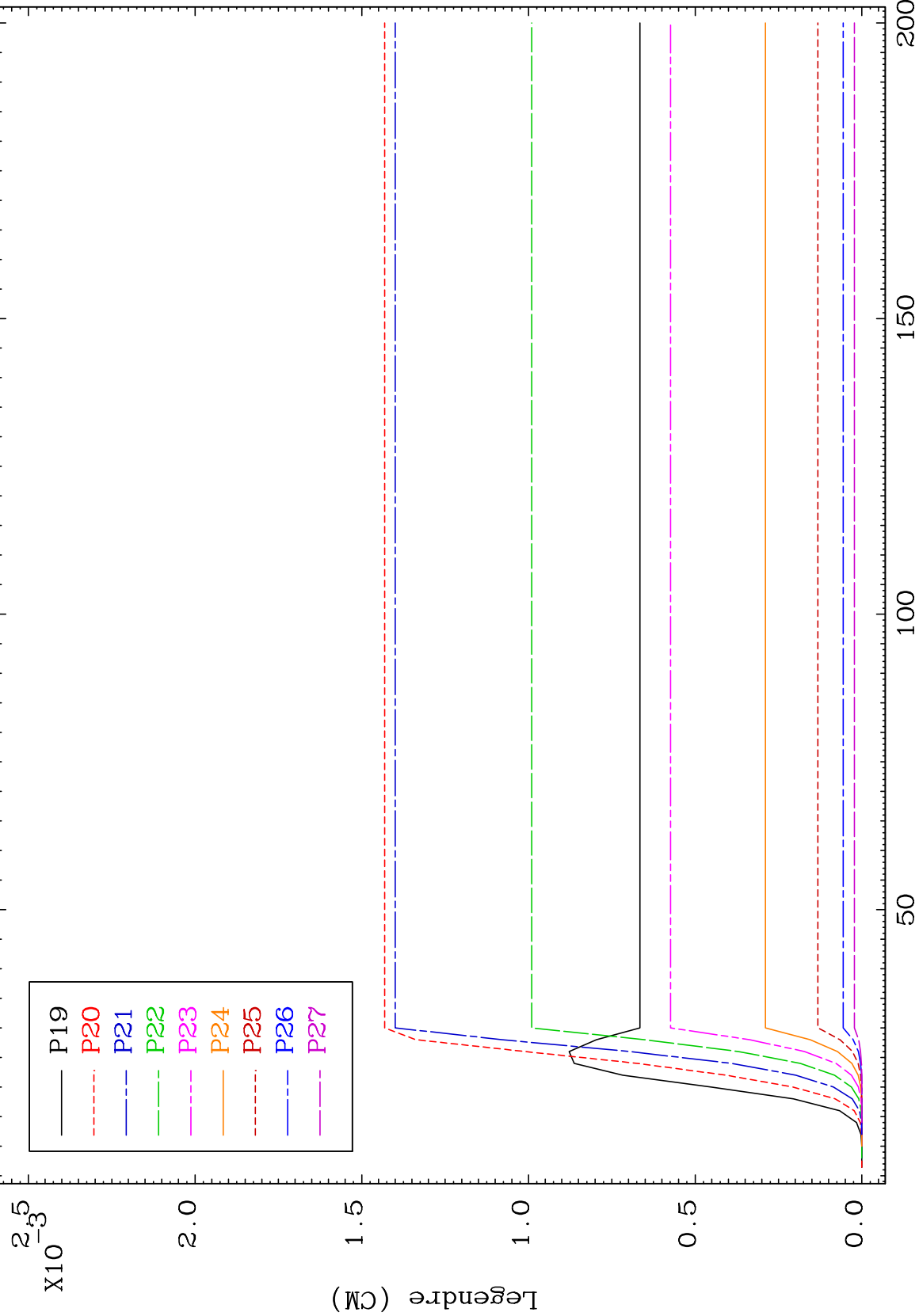
68-Er-161



91

Incident Energy (MeV)

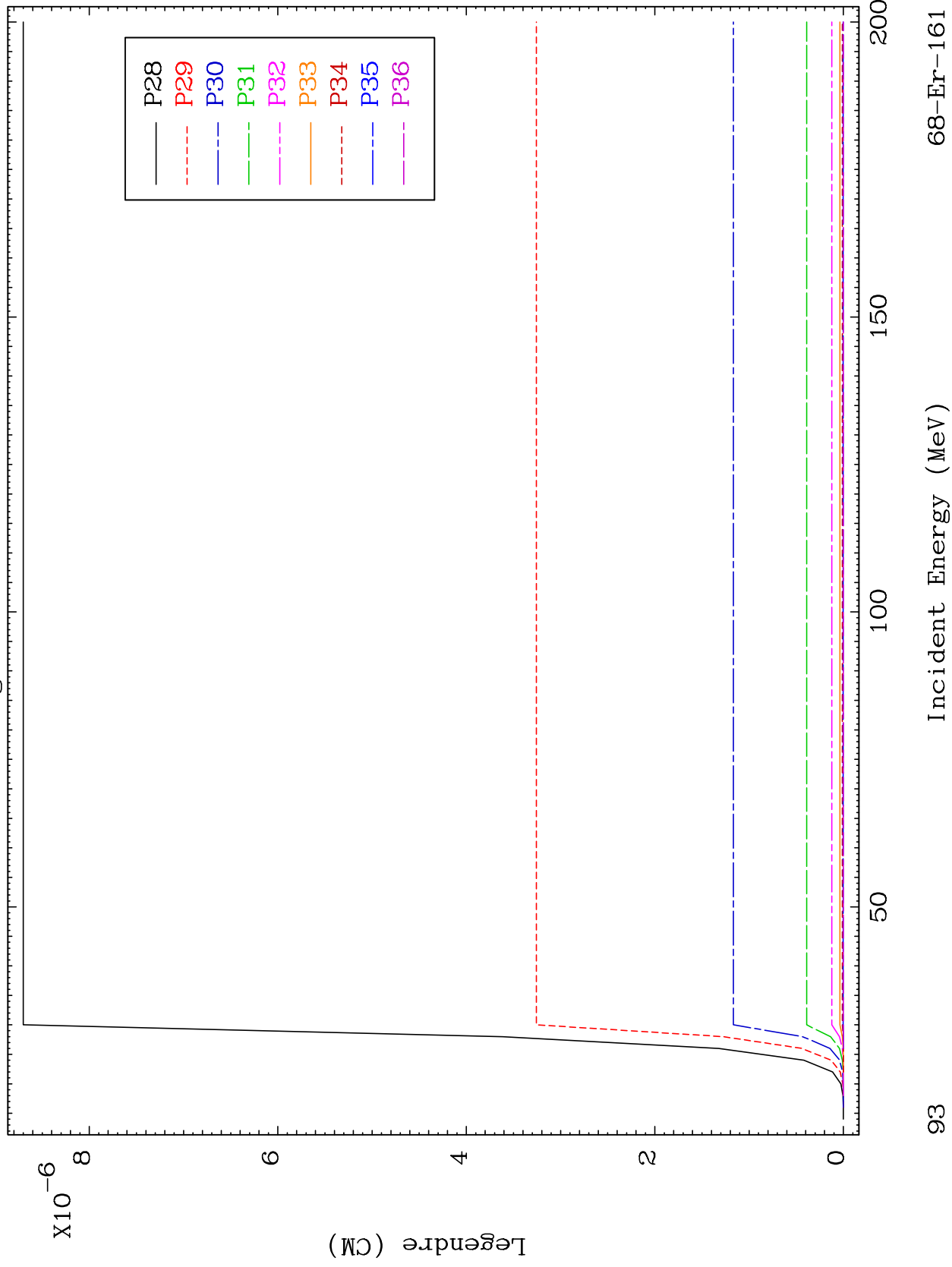
68-Er-161



MAT 68222

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

68-Er-161



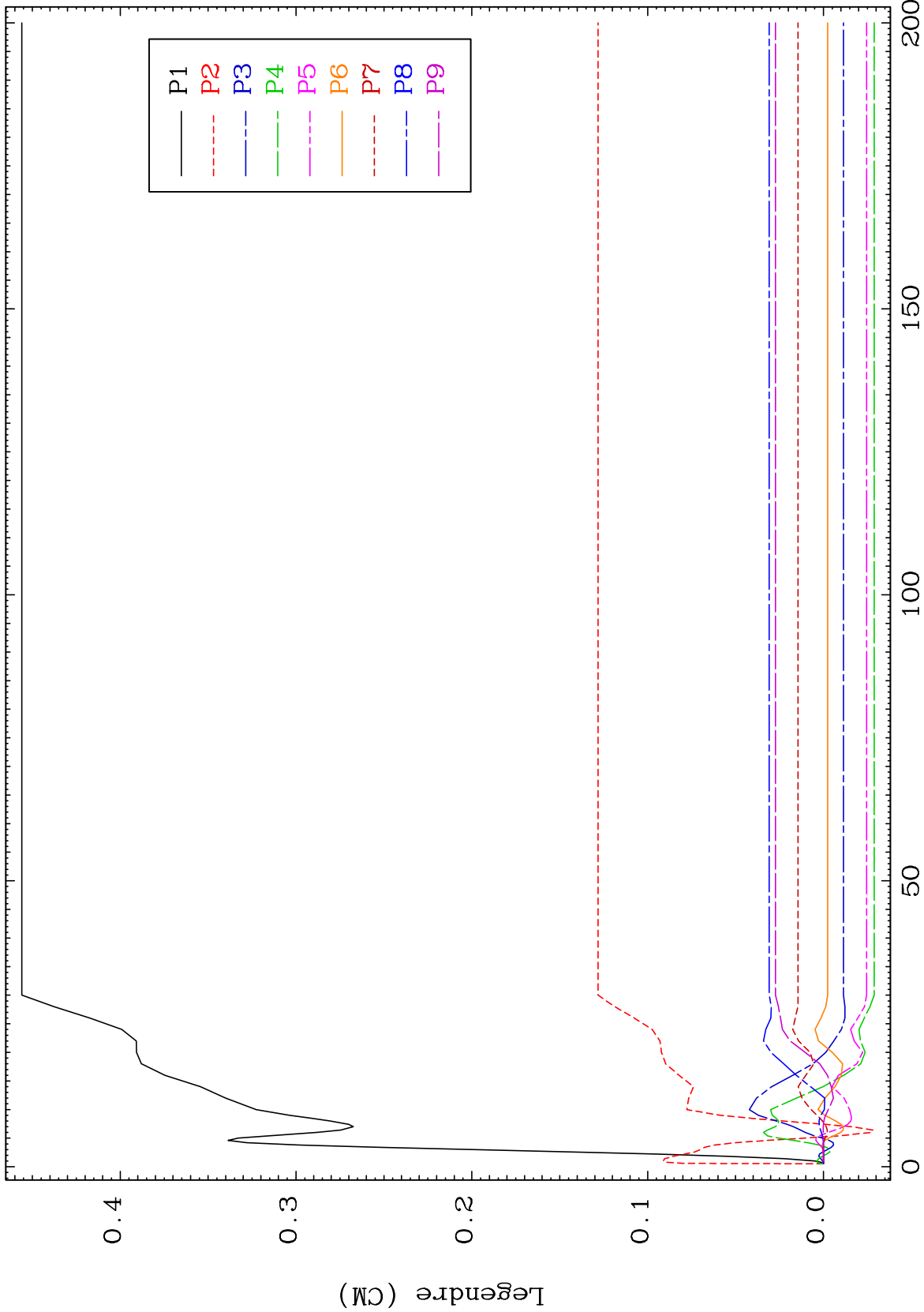
93

68-Er-161

MAT 68222

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

68-Er-161



94

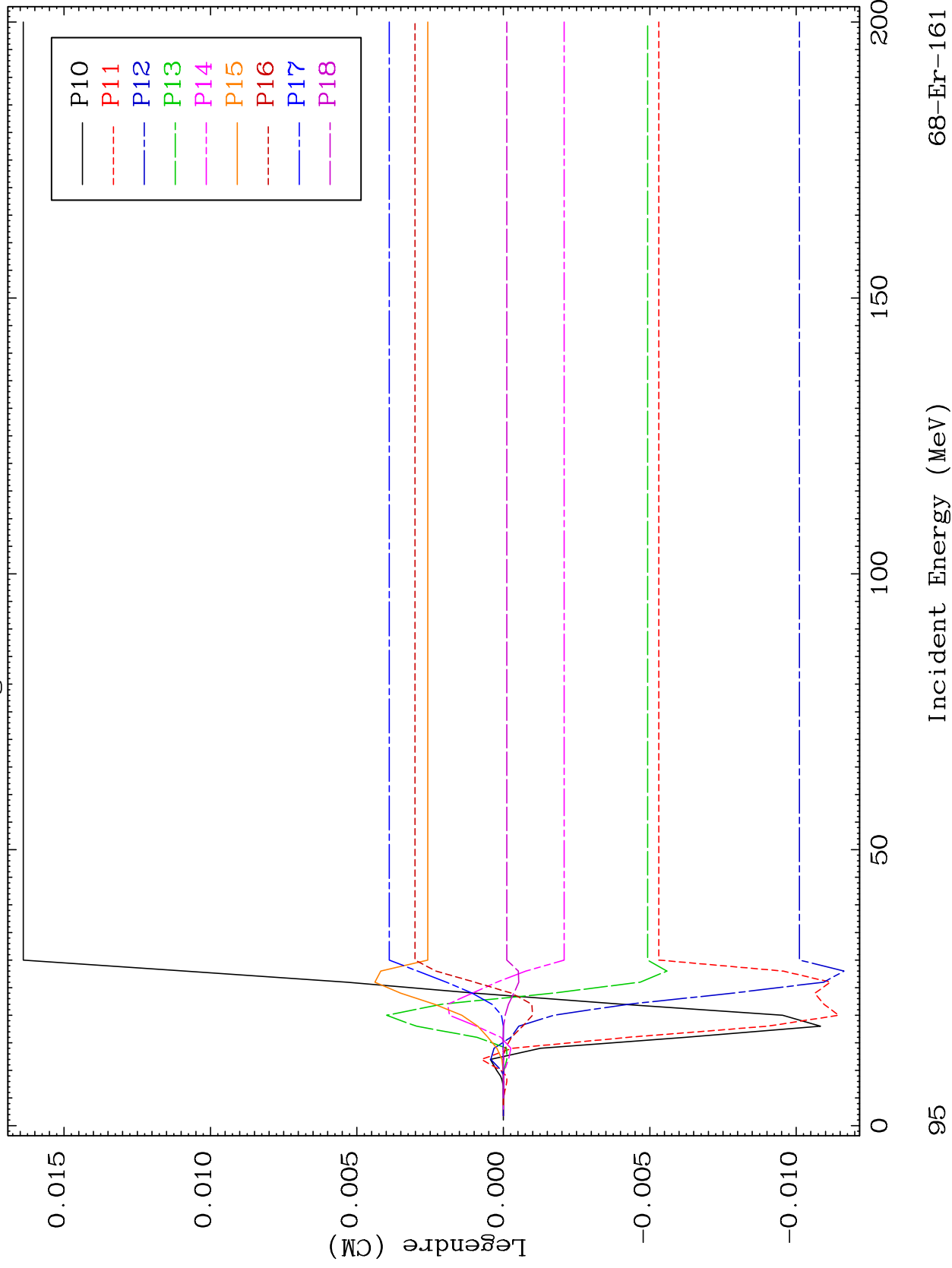
Incident Energy (MeV)

68-Er-161

MAT 6822

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

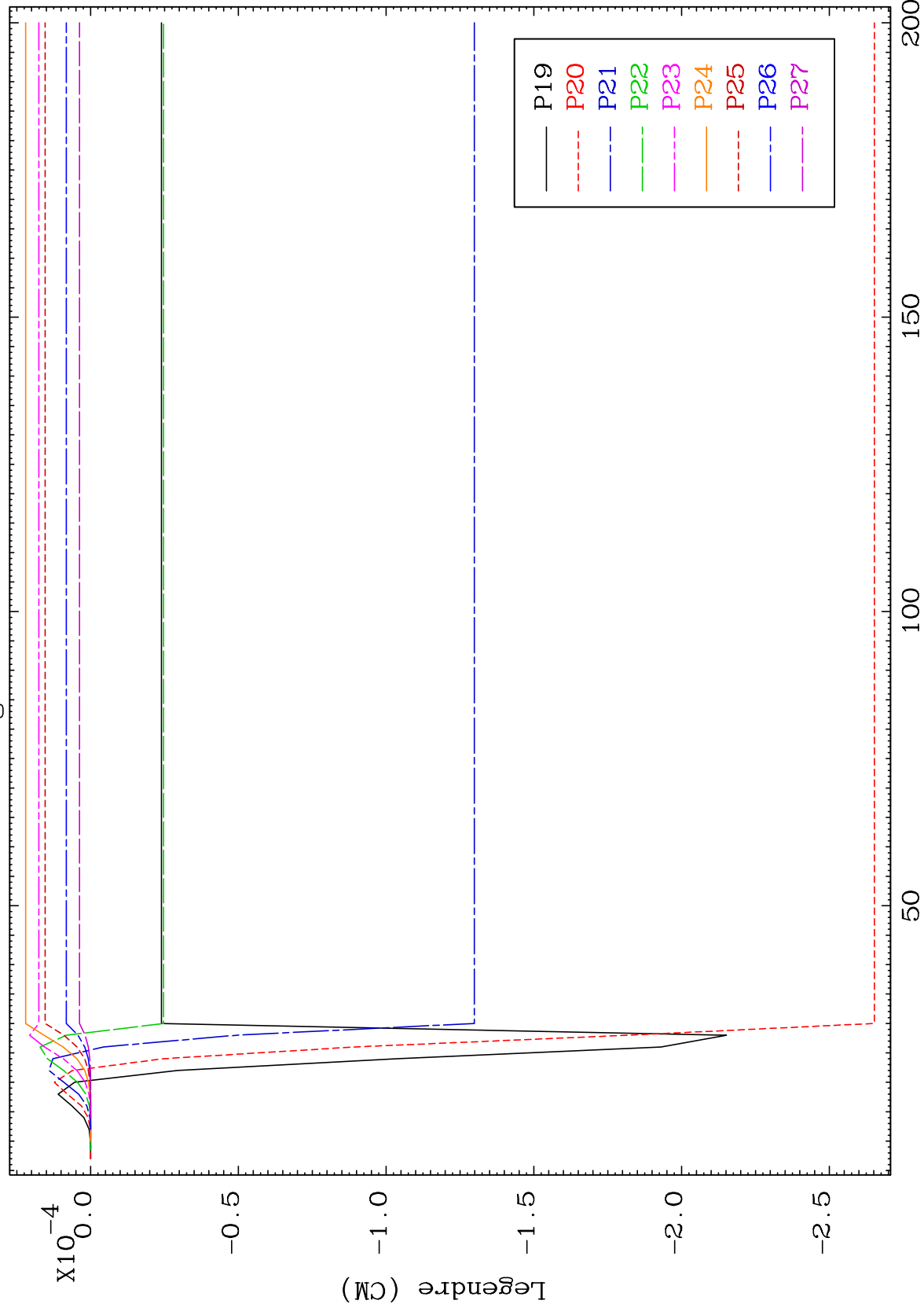
68-Er-161



95

Incident Energy (MeV)

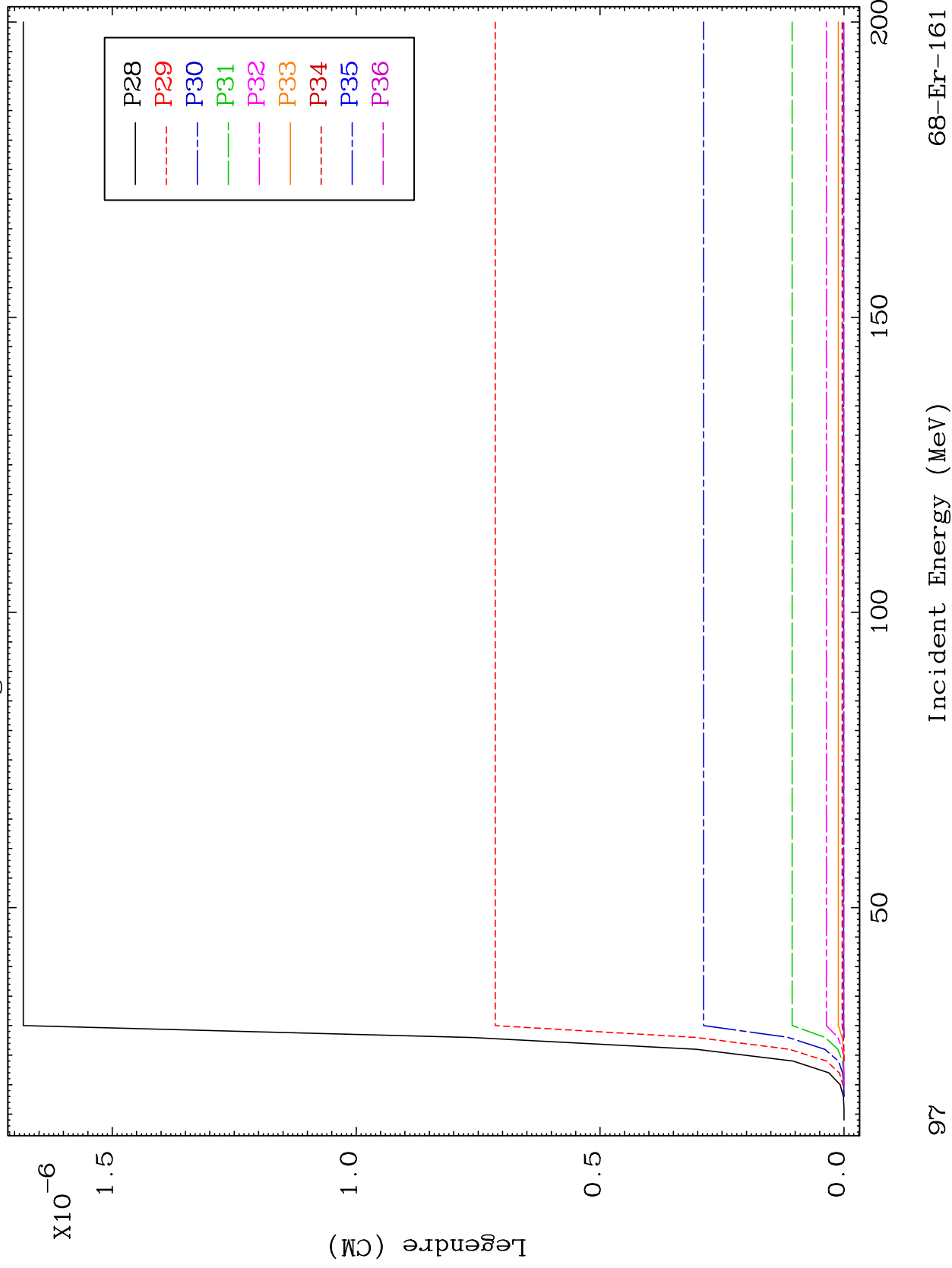
68-Er-161



MAT 6822

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

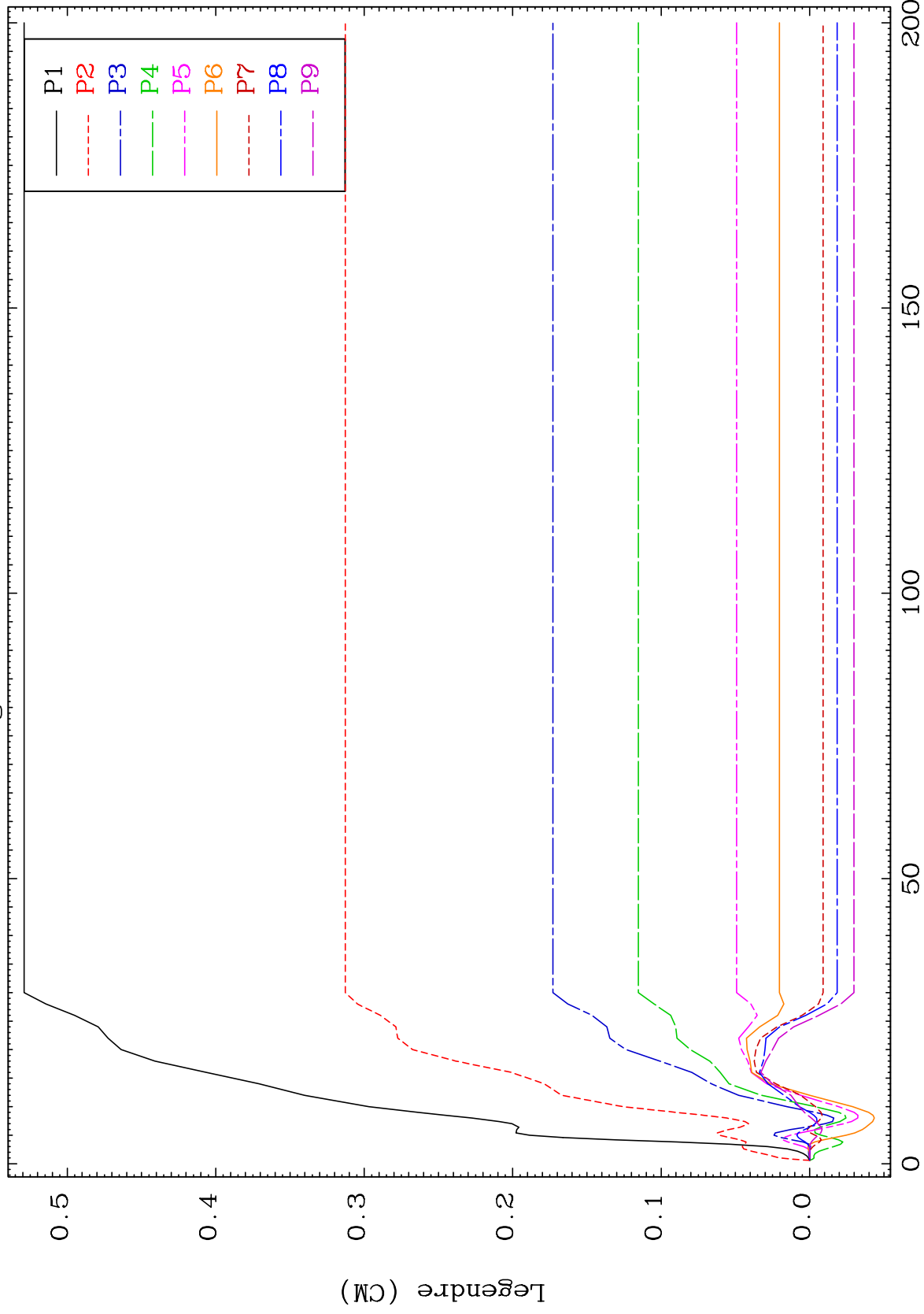
68-Er-161



MAT 6822

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

68-Er-161



98

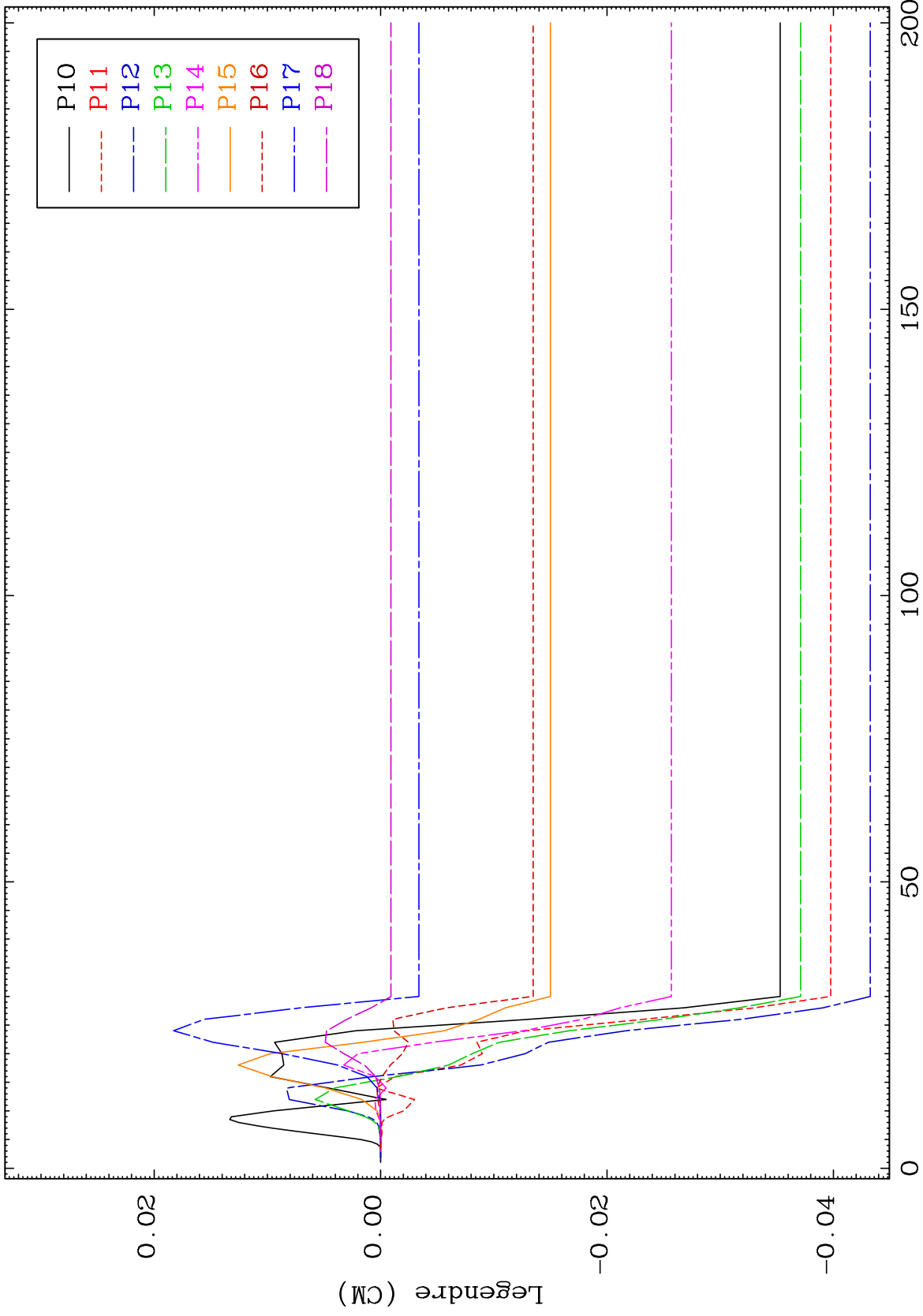
Incident Energy (MeV)

68-Er-161

MAT 6822

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

68-Er-161



99

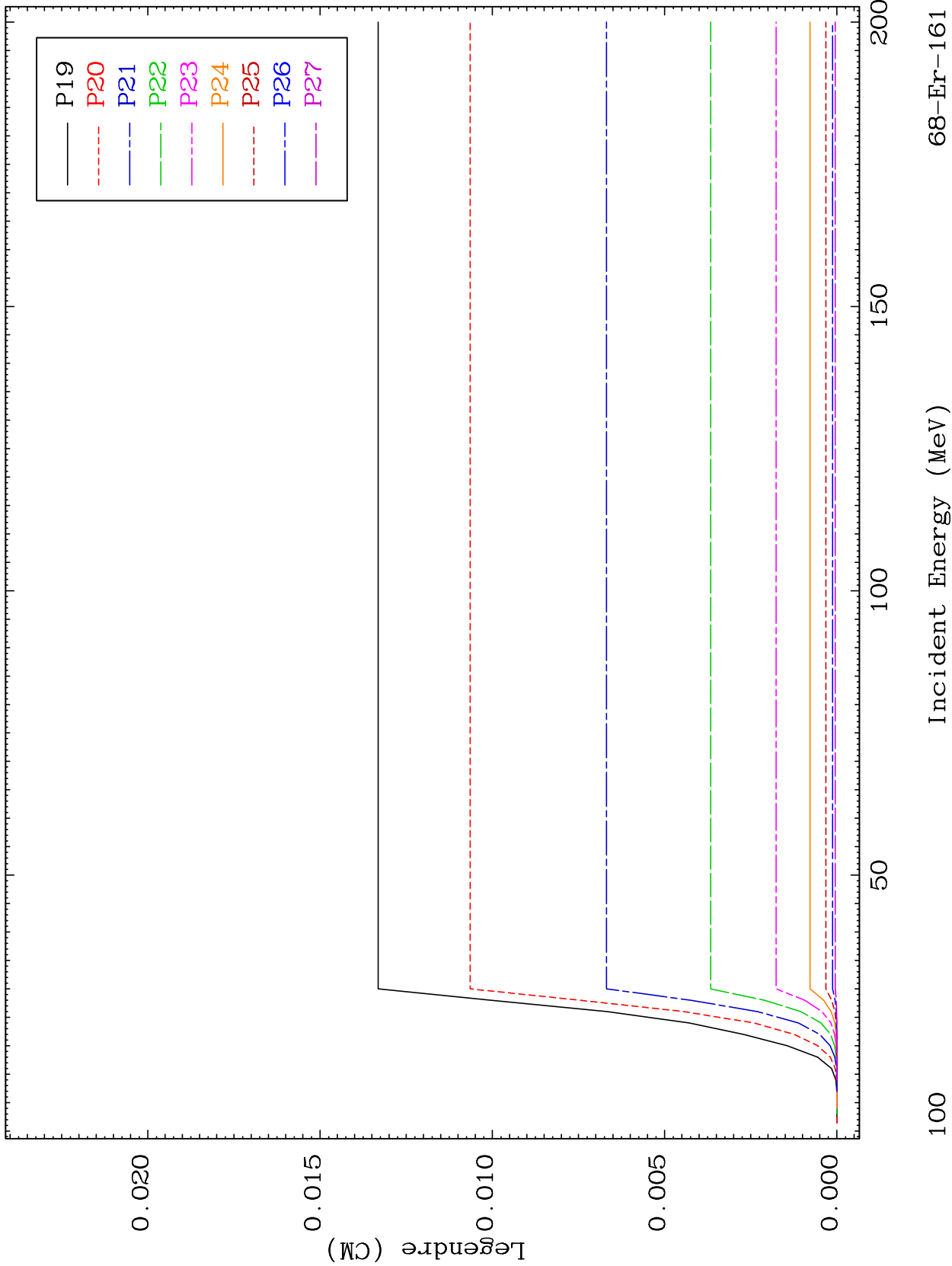
Incident Energy (MeV)

68-Er-161

MAT 68222

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

68-Er-161



68-Er-161

Incident Energy (MeV)

100

50

100

150

200

0.020

0.015

0.010

0.005

0.000

P19

P20

P21

P22

P23

P24

P25

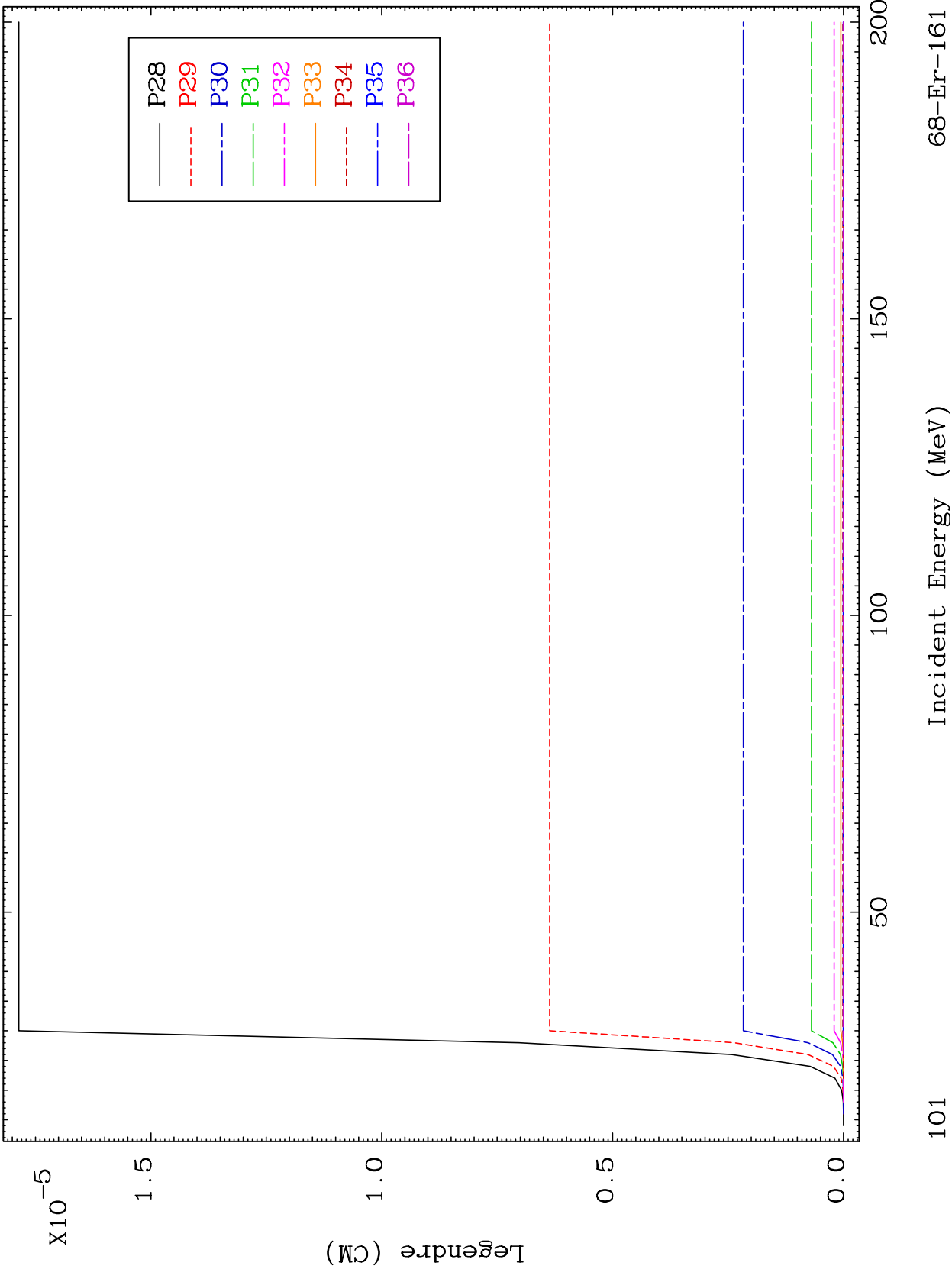
P26

P27

MAT 6822

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

68-Er-161



101

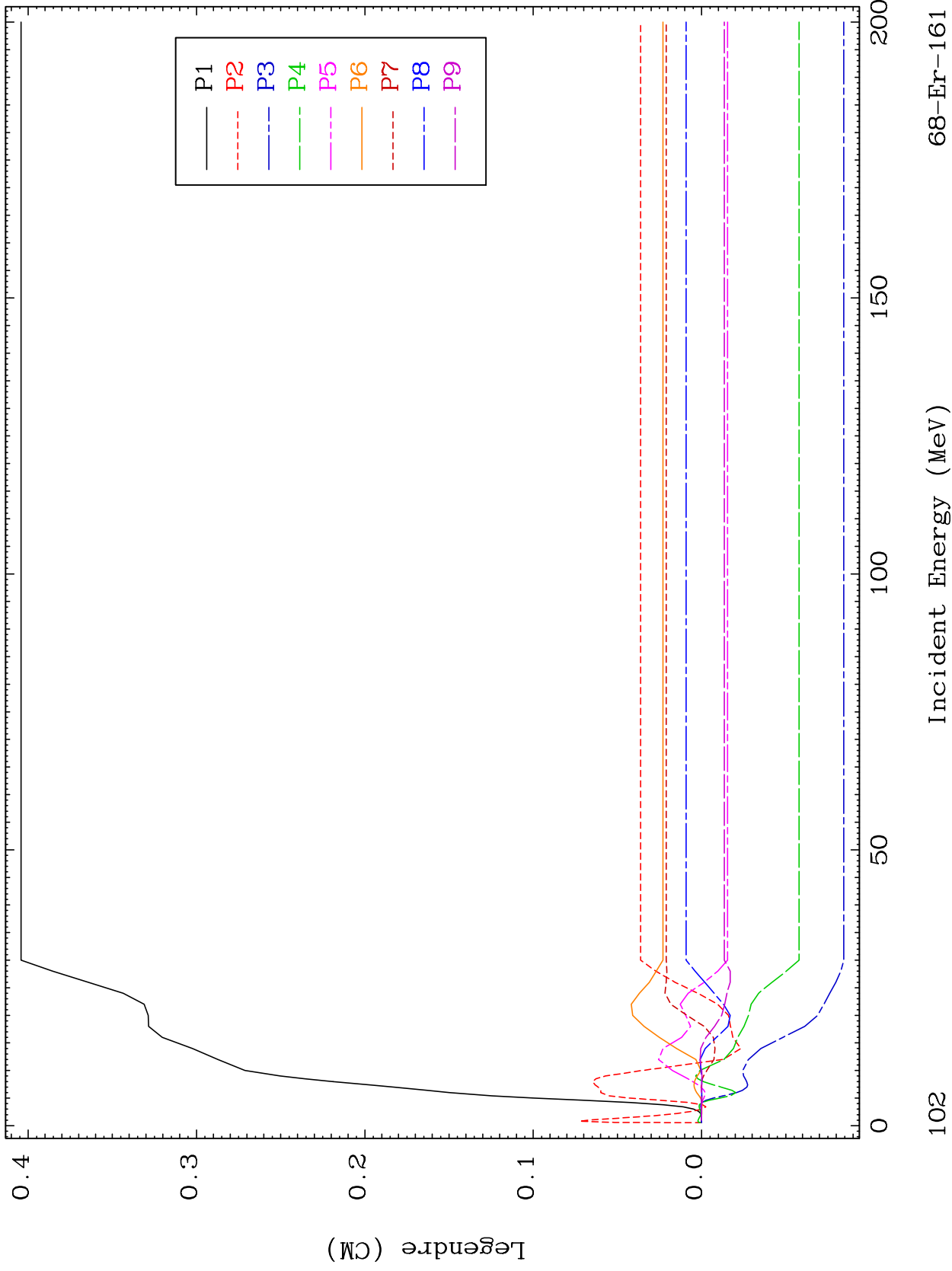
Incident Energy (MeV)

68-Er-161

MAT 68222

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

68-Er-161



68-Er-161

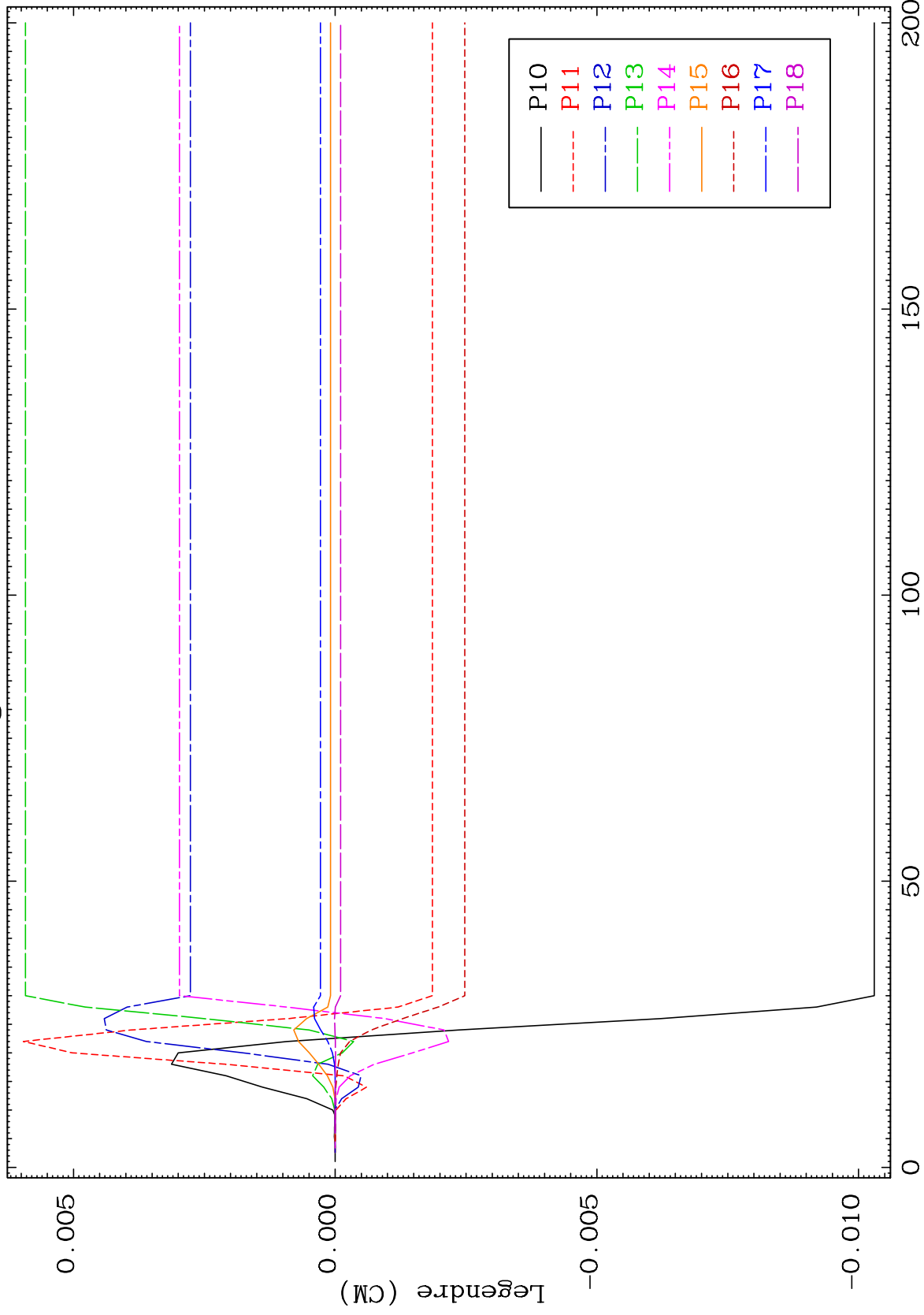
Incident Energy (MeV)

102

MAT 68222

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

68-Er-161



103

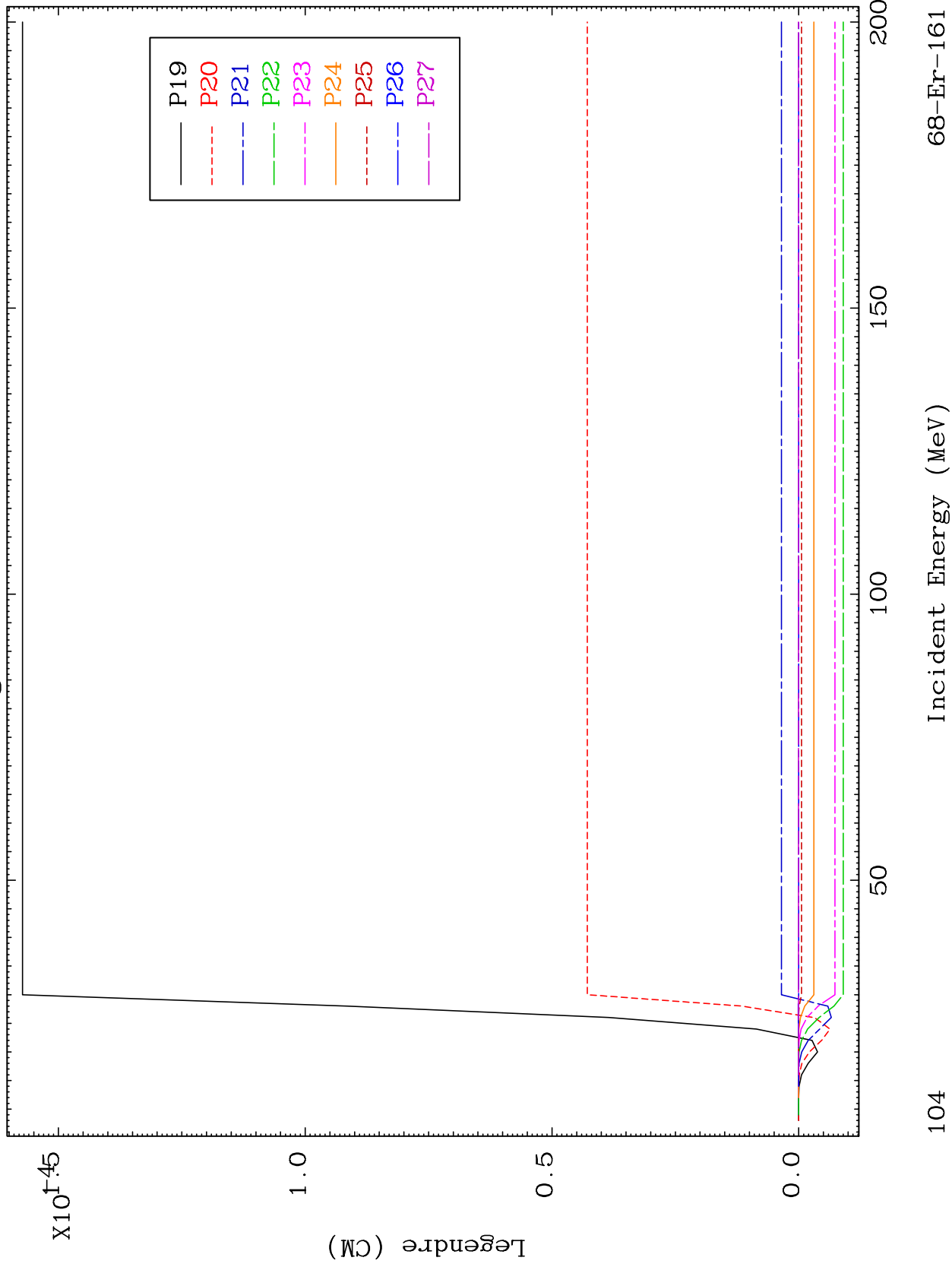
Incident Energy (MeV)

68-Er-161

MAT 68222

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

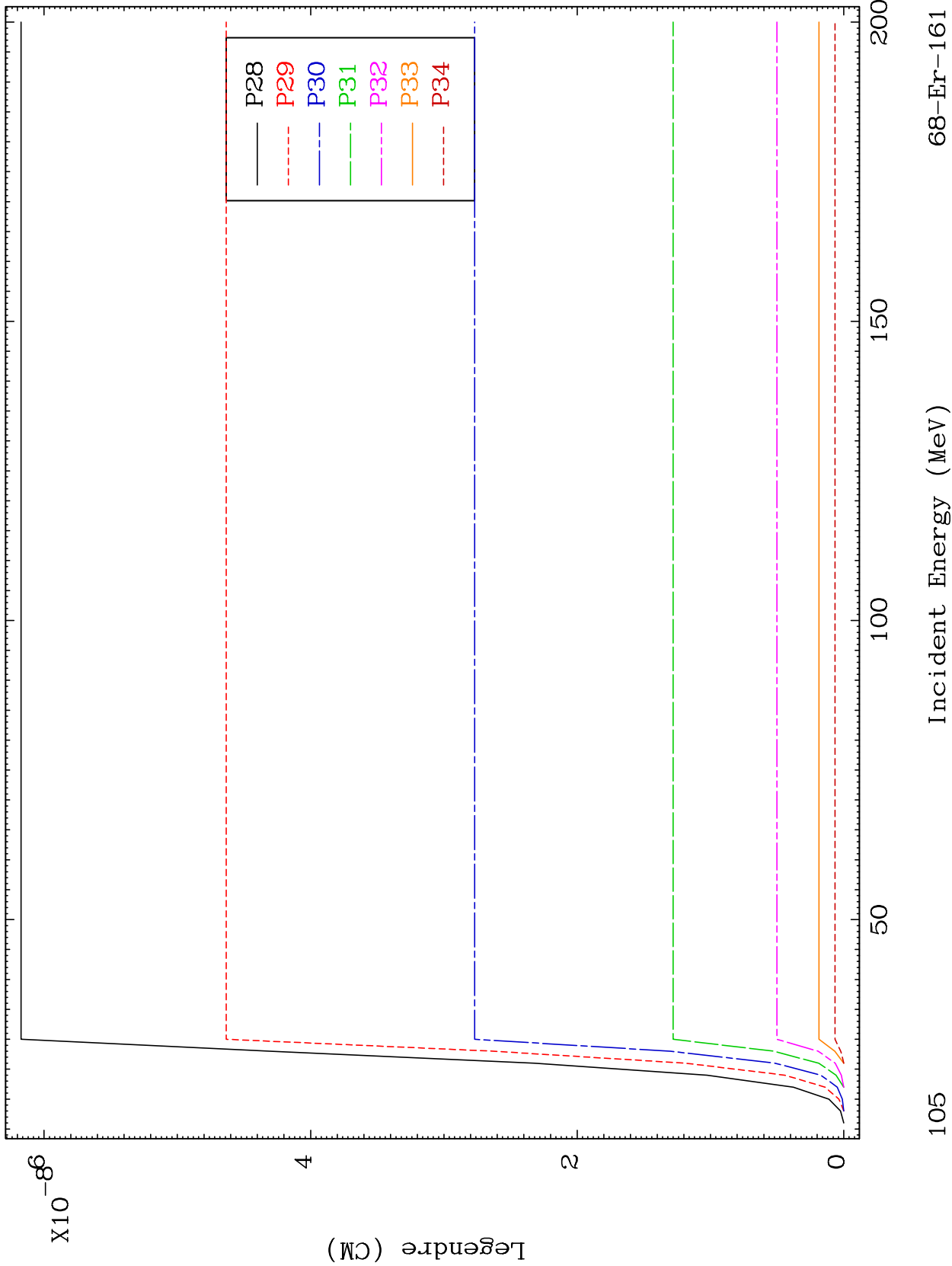
68-Er-161



MAT 6822

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

68-Er-161

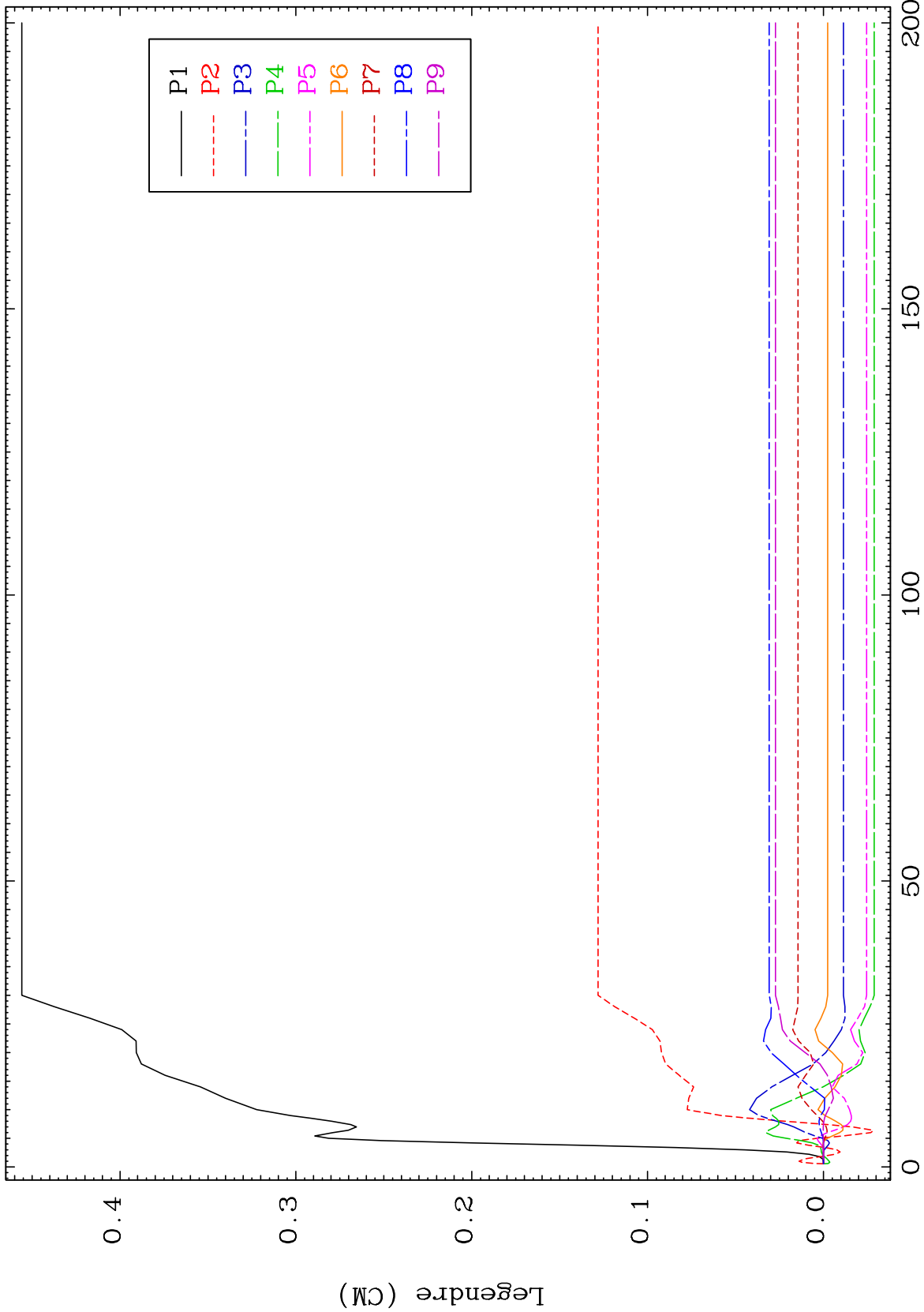


68-Er-161

MAT 6822

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

68-Er-161



106

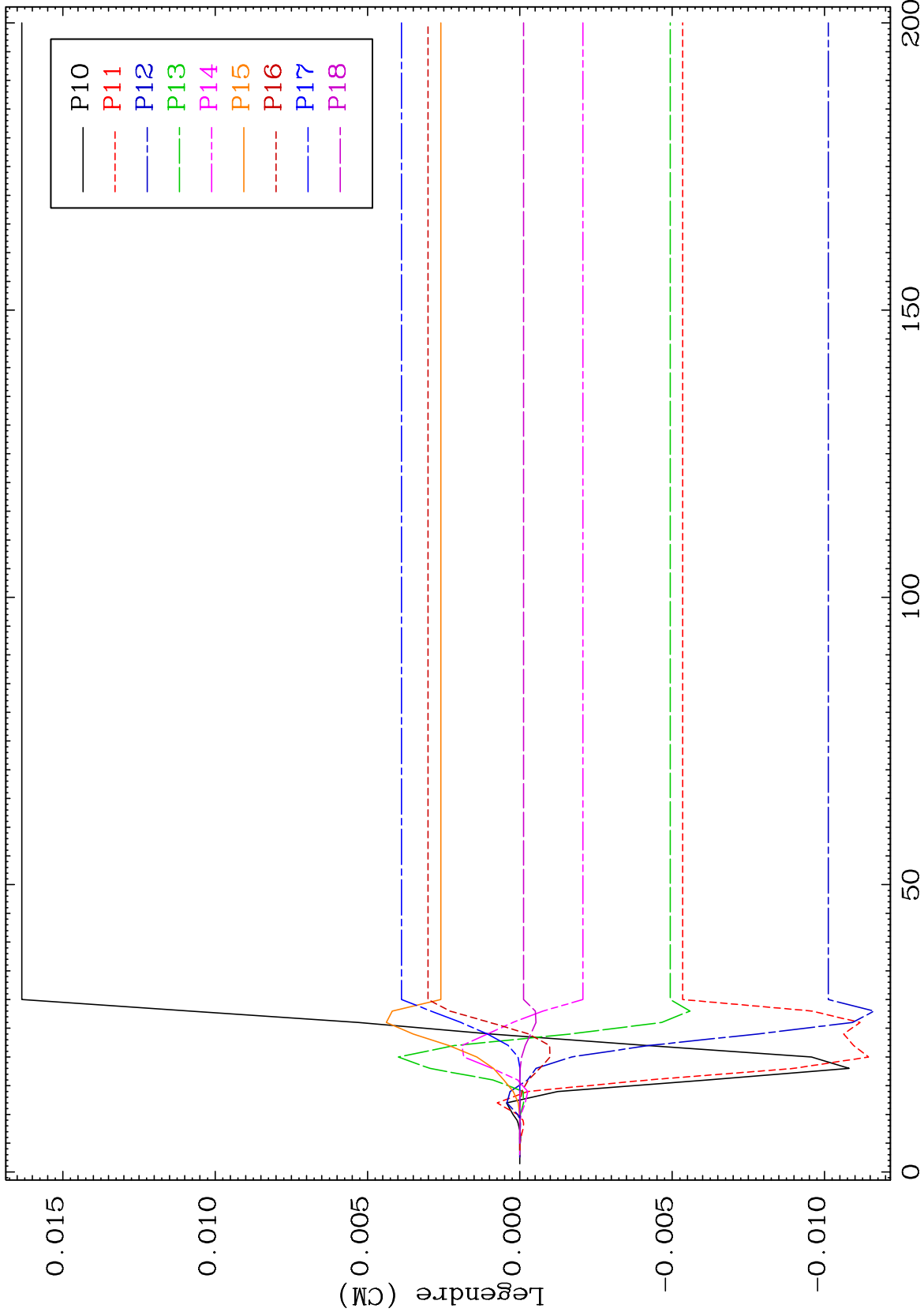
Incident Energy (MeV)

68-Er-161

MAT 6822

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

68-Er-161



107

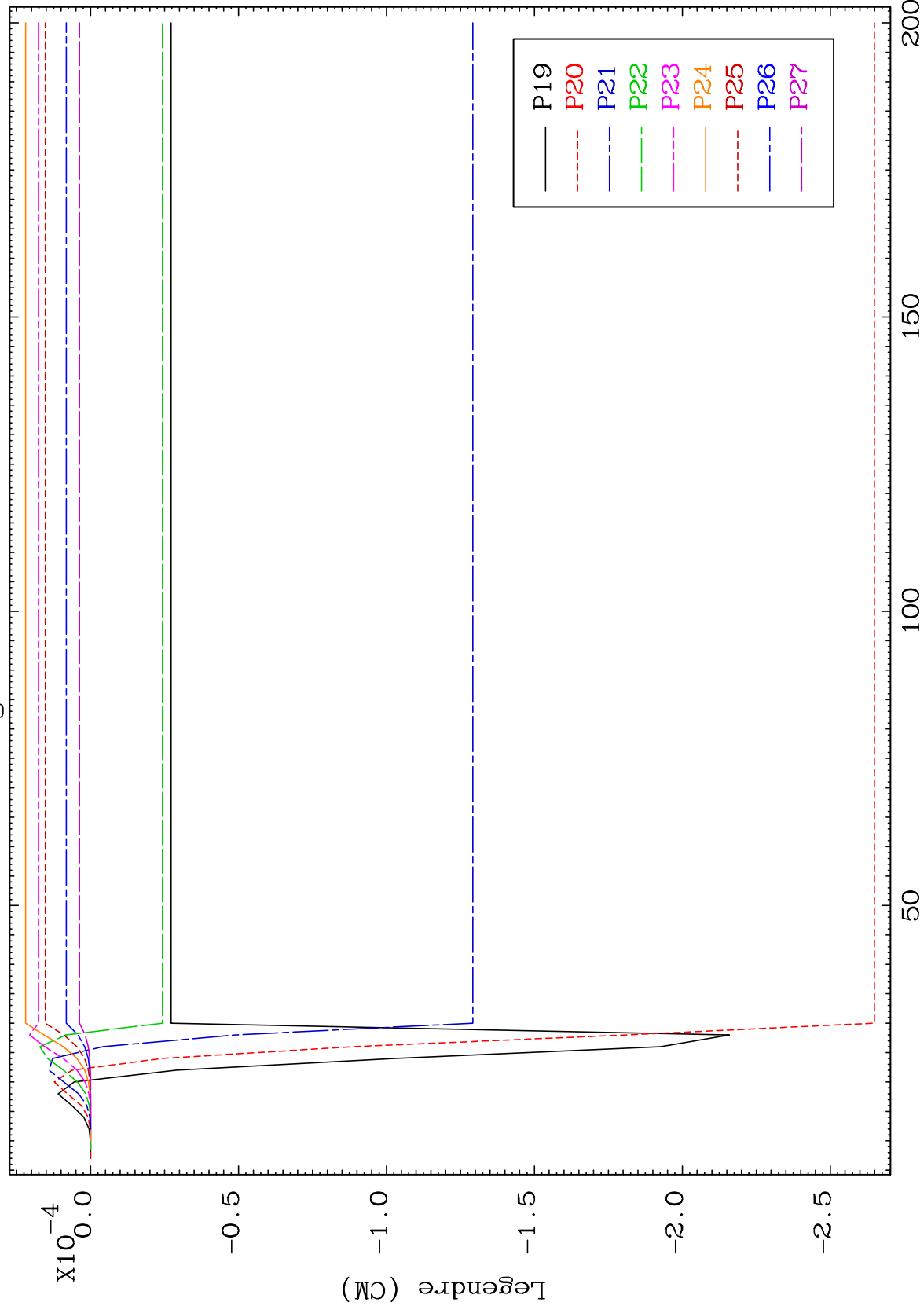
Incident Energy (MeV)

68-Er-161

MAT 68222

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

68-Er-161



108

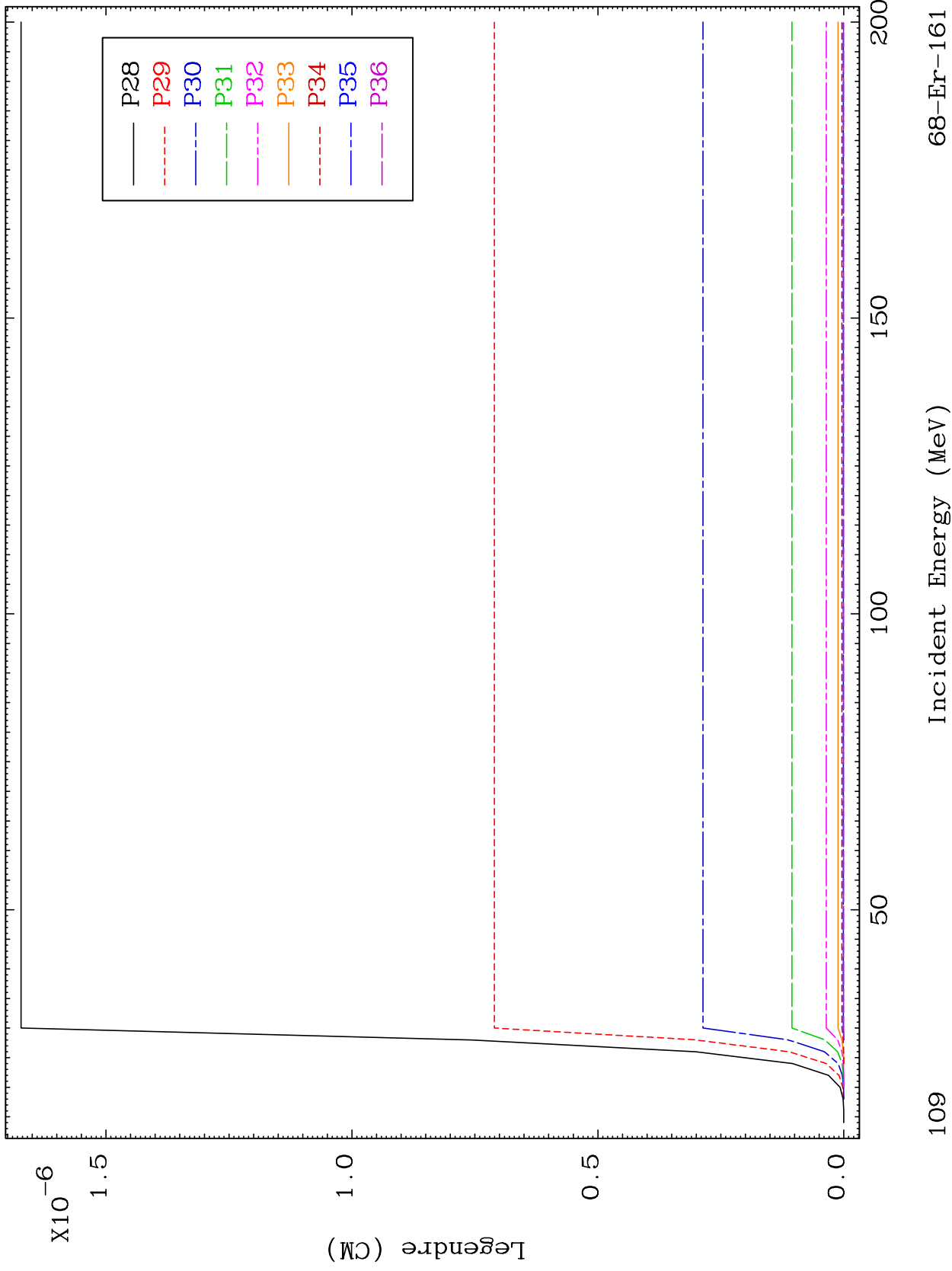
Incident Energy (MeV)

68-Er-161

MAT 6822

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

68-Er-161



109

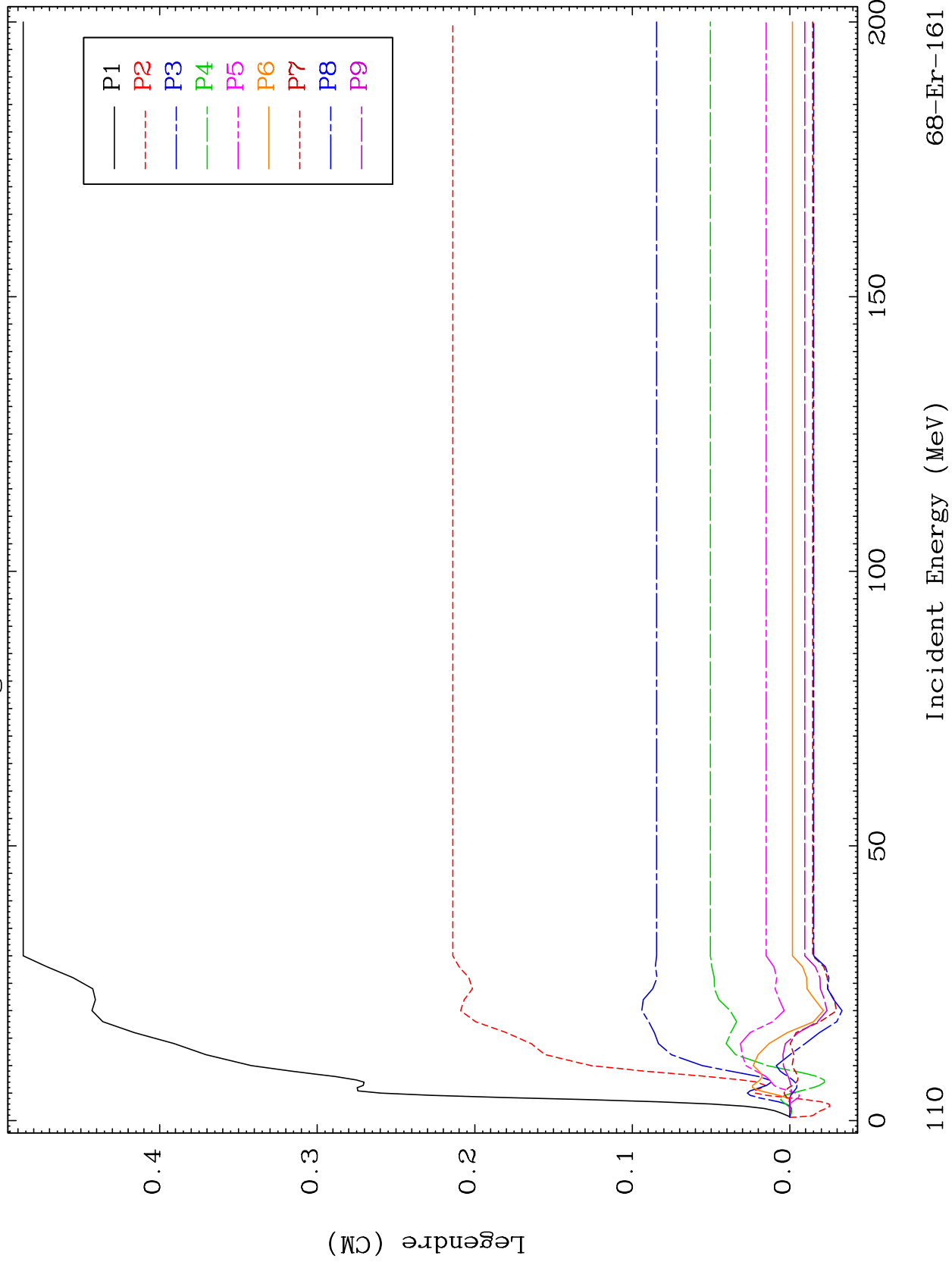
Incident Energy (MeV)

68-Er-161

MAT 68222

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

68-Er-161



68-Er-161

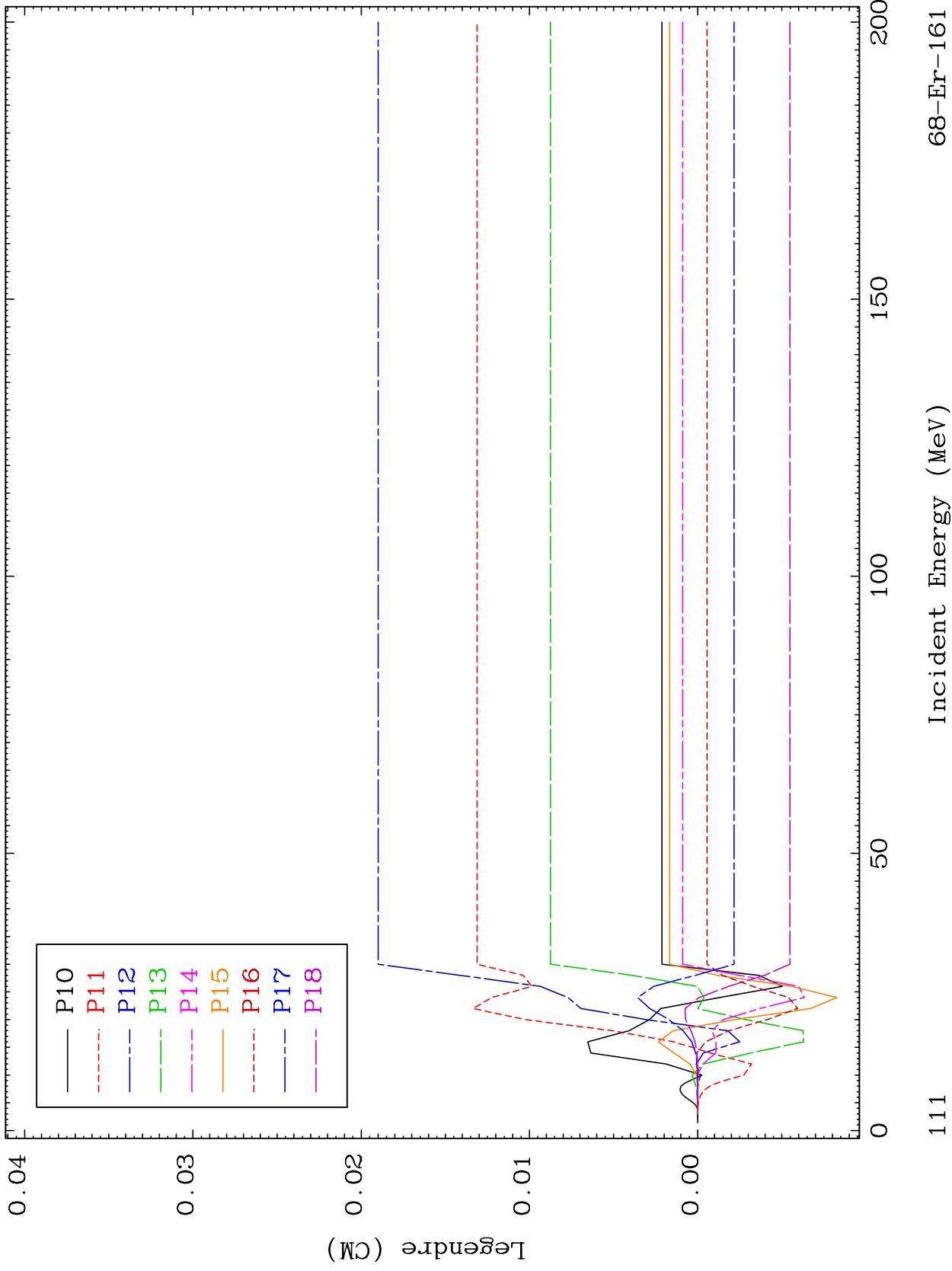
Incident Energy (MeV)

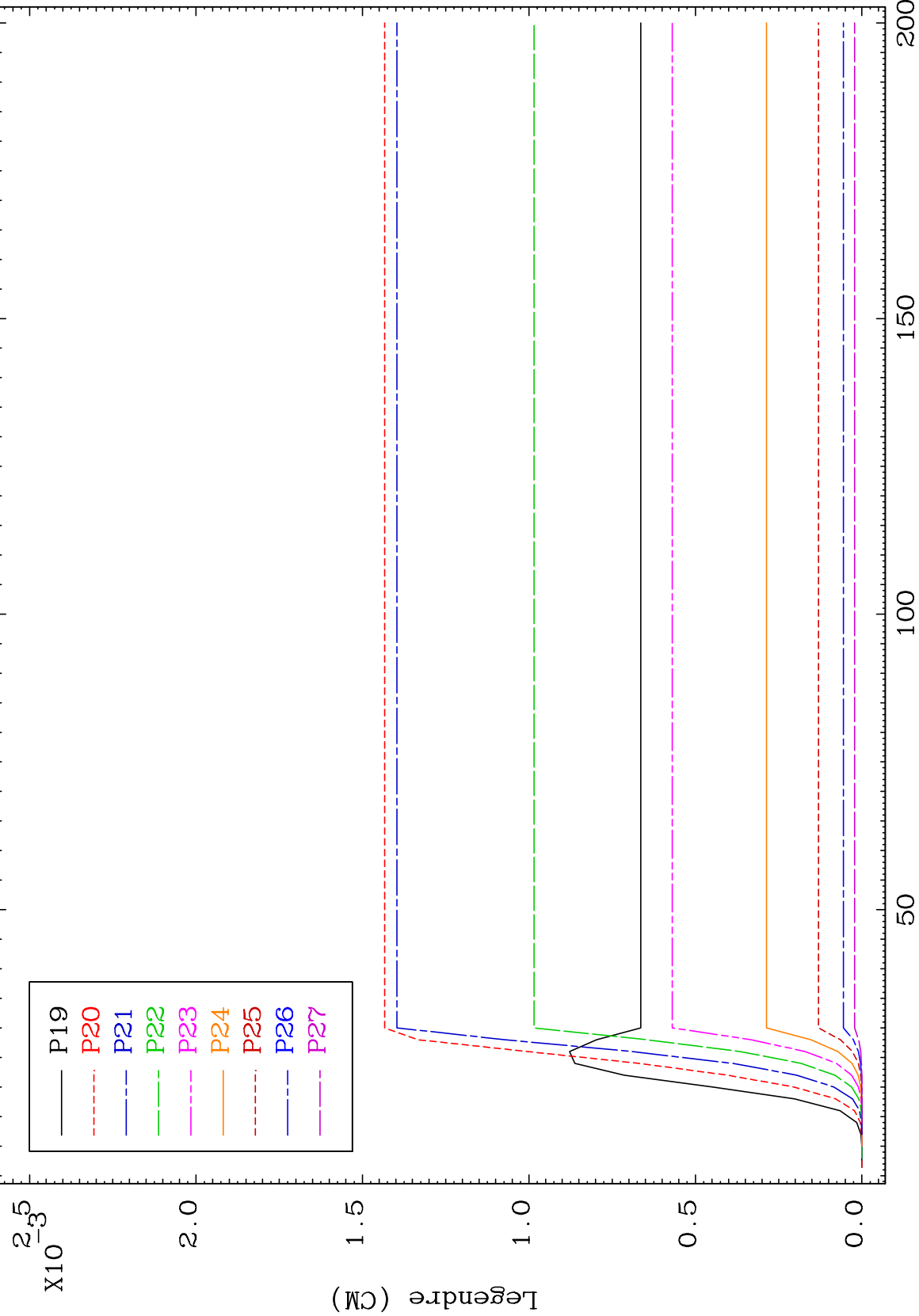
110

MAT 68222

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

68-Er-161

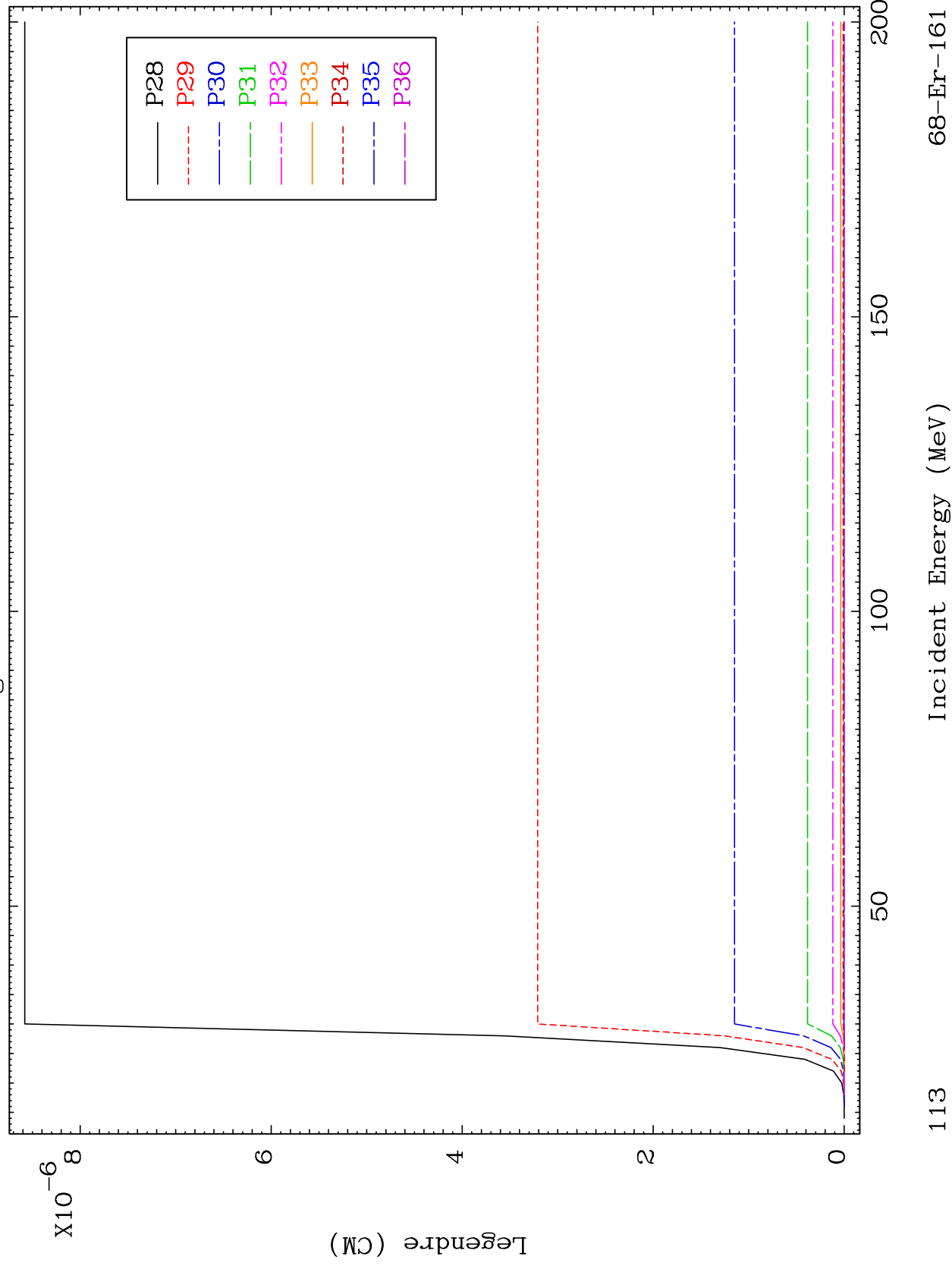




MAT 6822

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

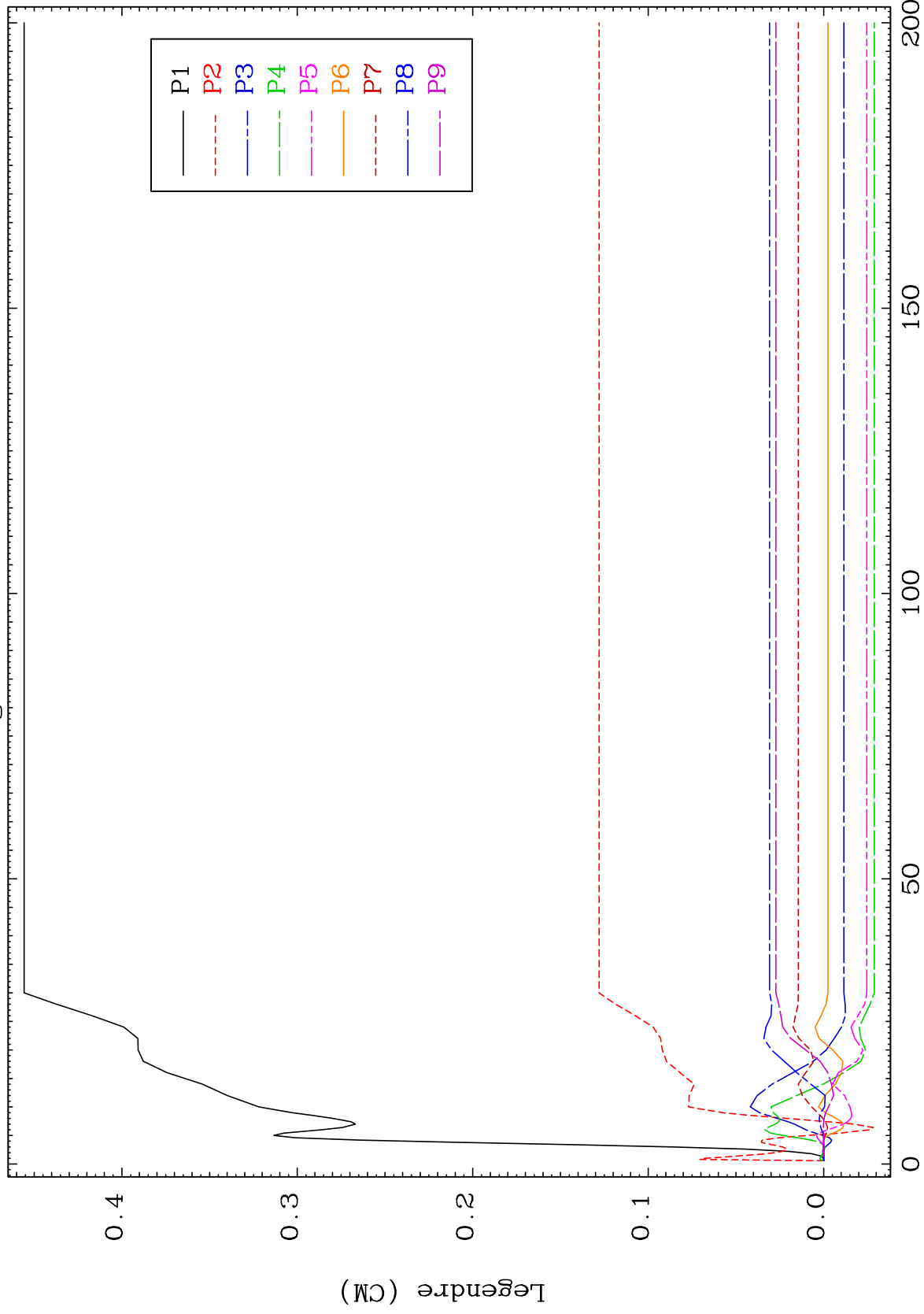
68-Er-161



MAT 68222

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

68-Er-161



68-Er-161

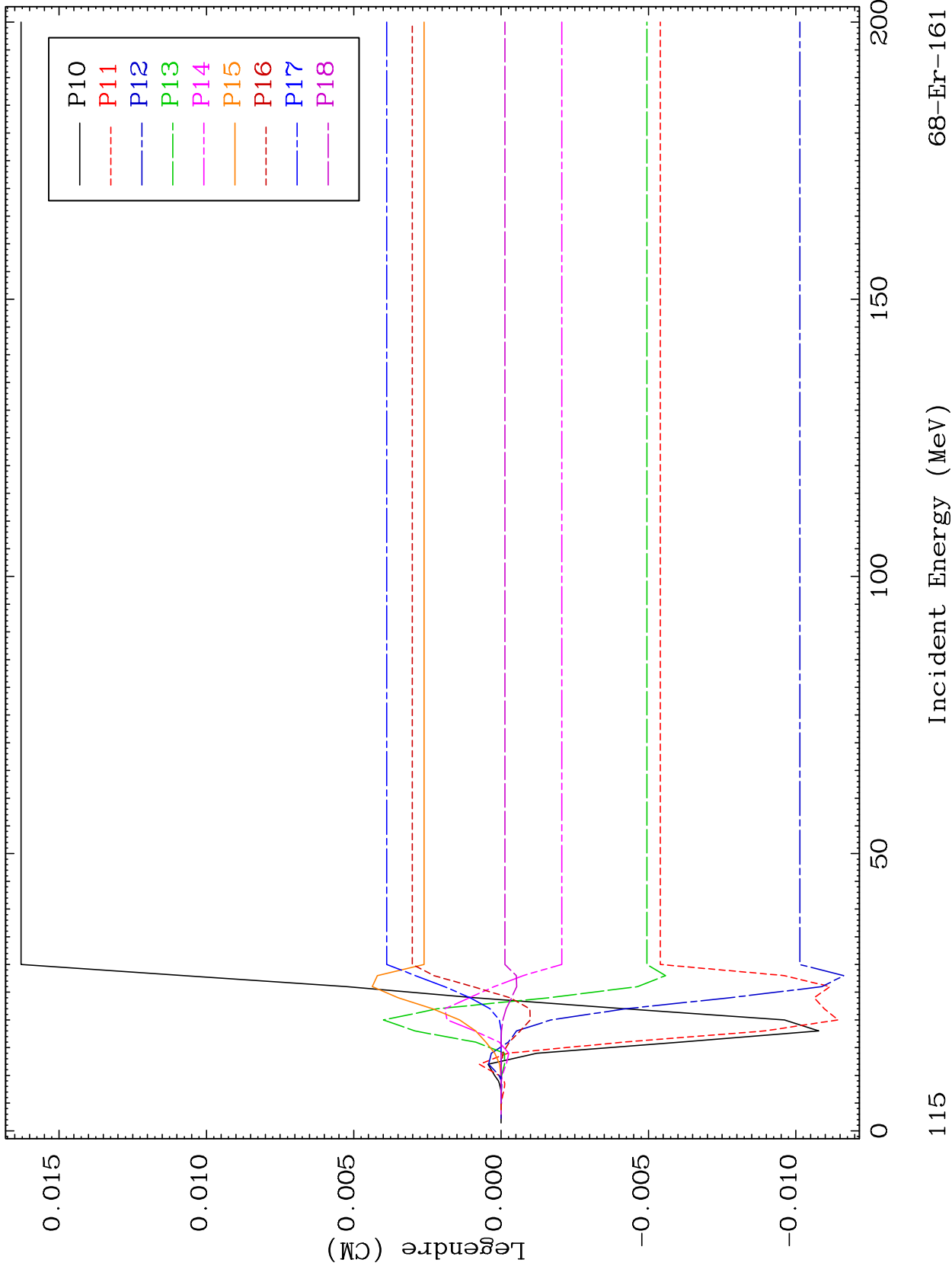
Incident Energy (MeV)

114

MAT 6822

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

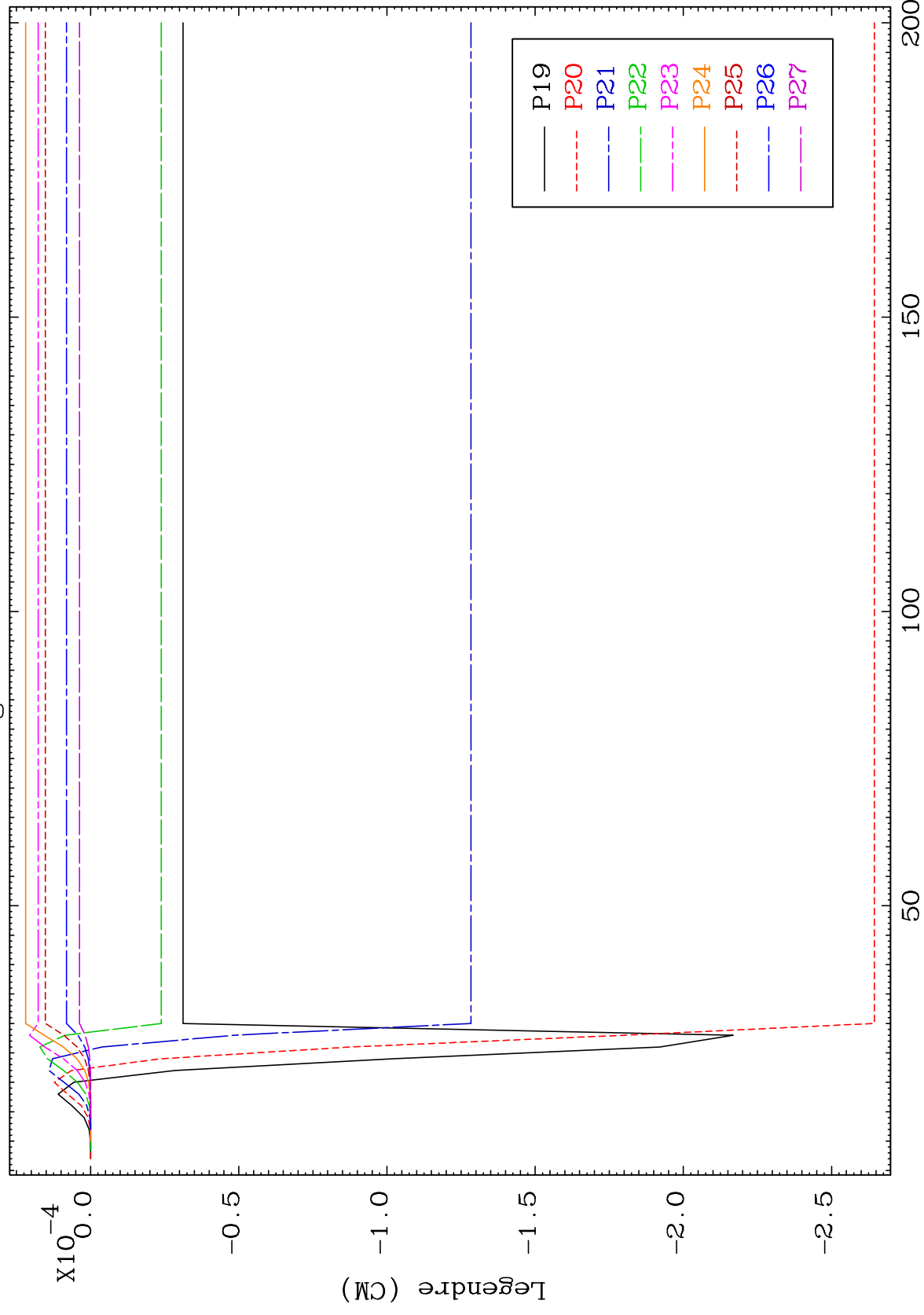
68-Er-161



68-Er-161

Incident Energy (MeV)

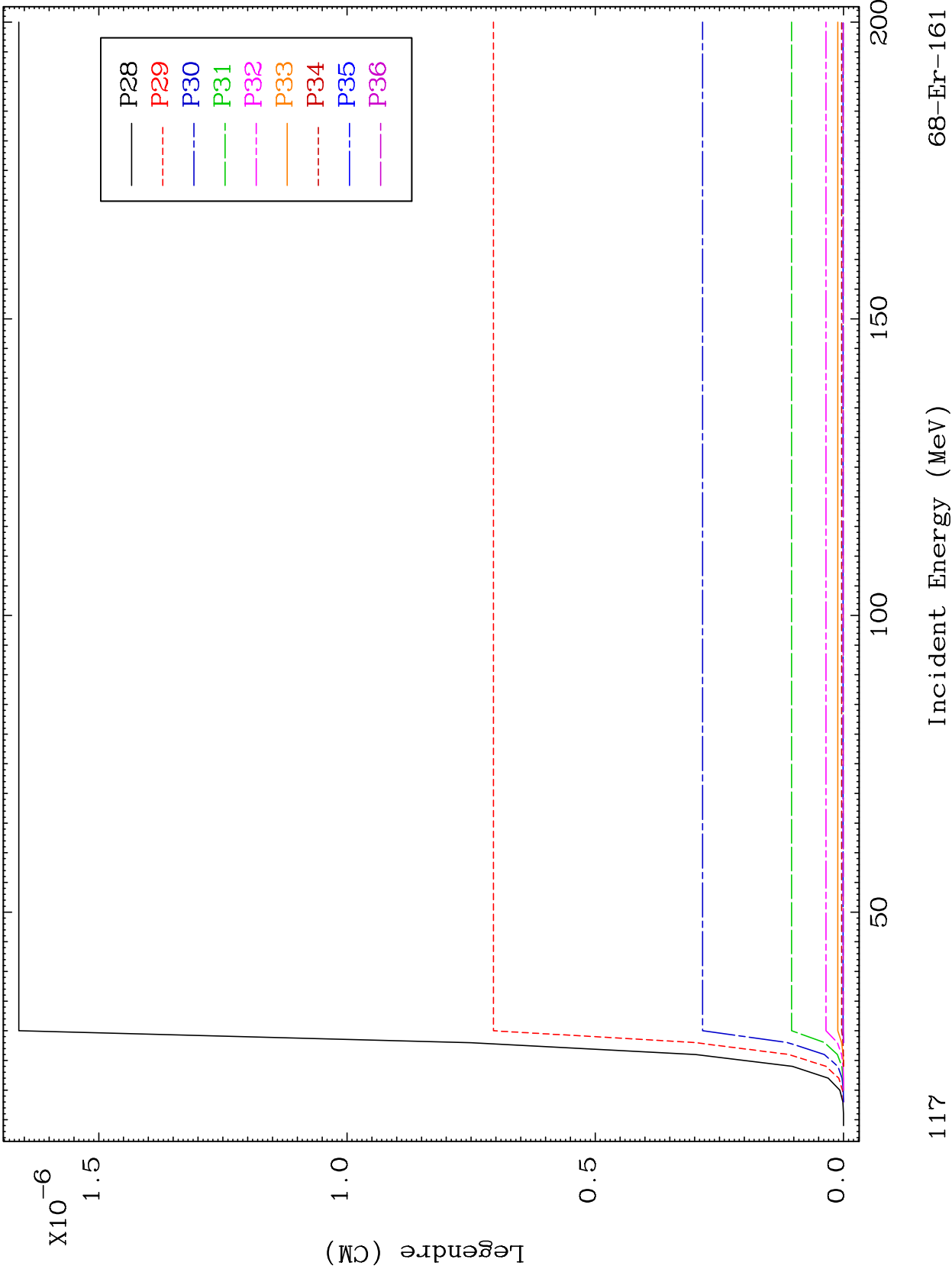
115



MAT 6822

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

68-Er-161



117

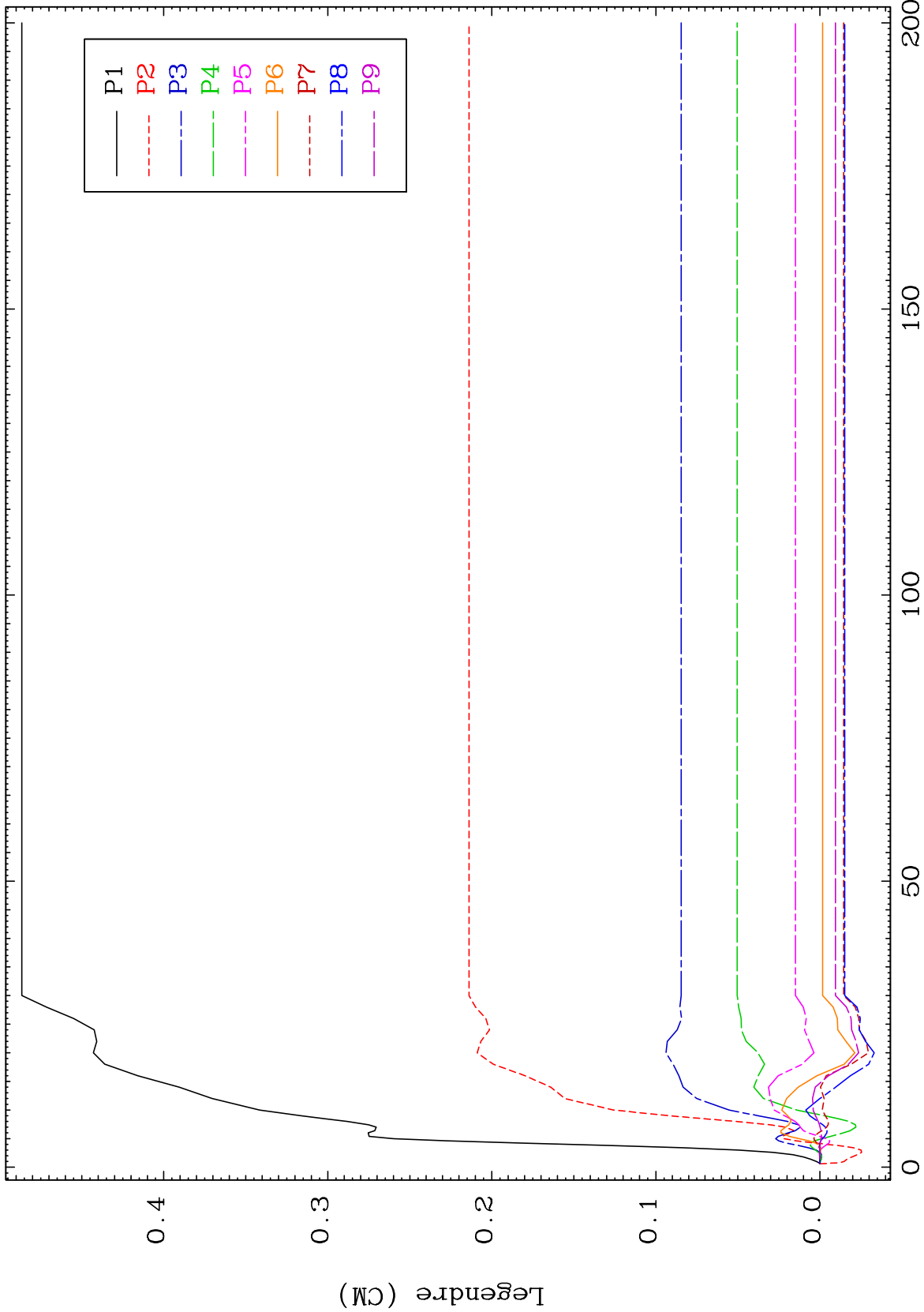
Incident Energy (MeV)

68-Er-161

MAT 68222

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

68-Er-161



118

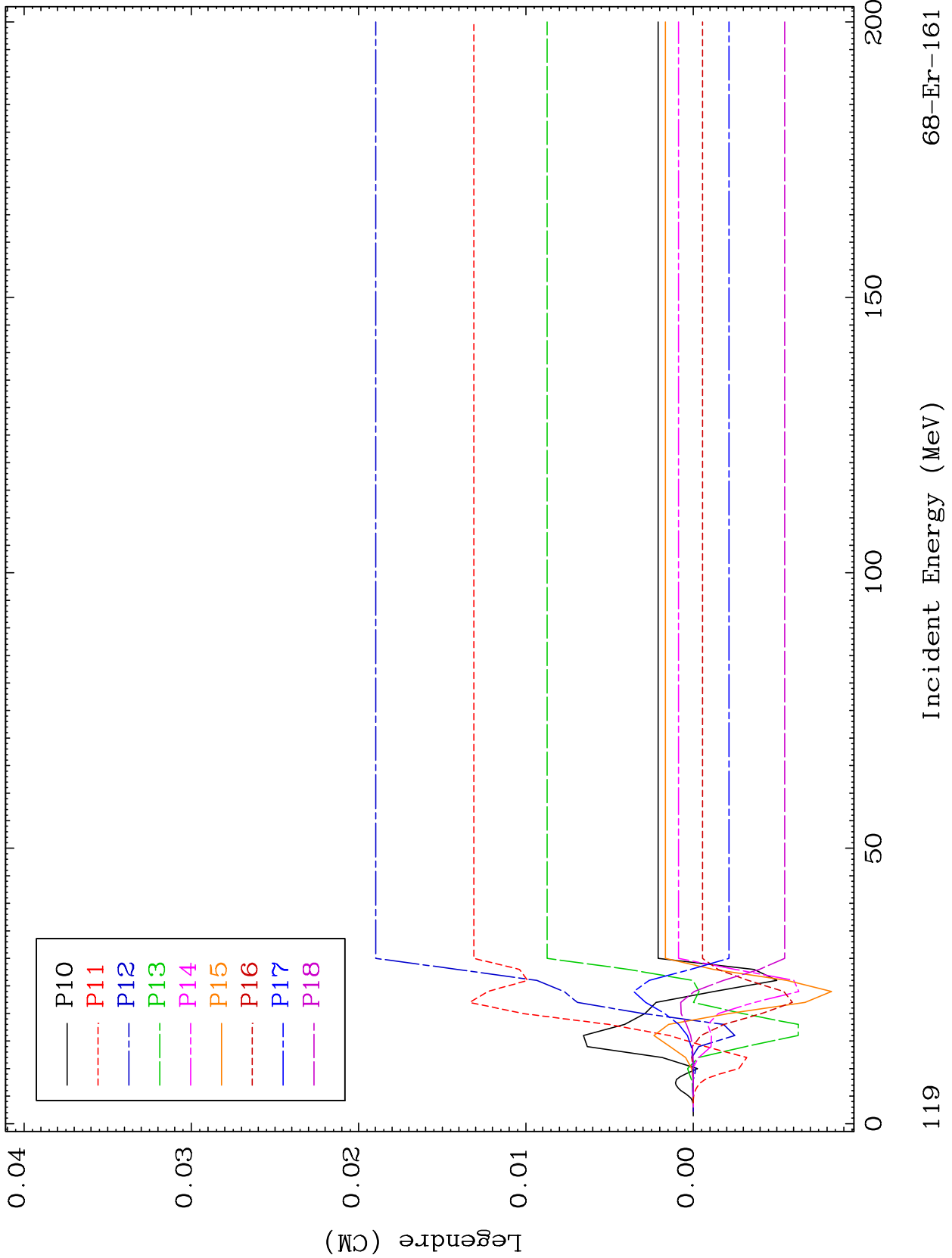
Incident Energy (MeV)

68-Er-161

MAT 68222

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

68-Er-161



119

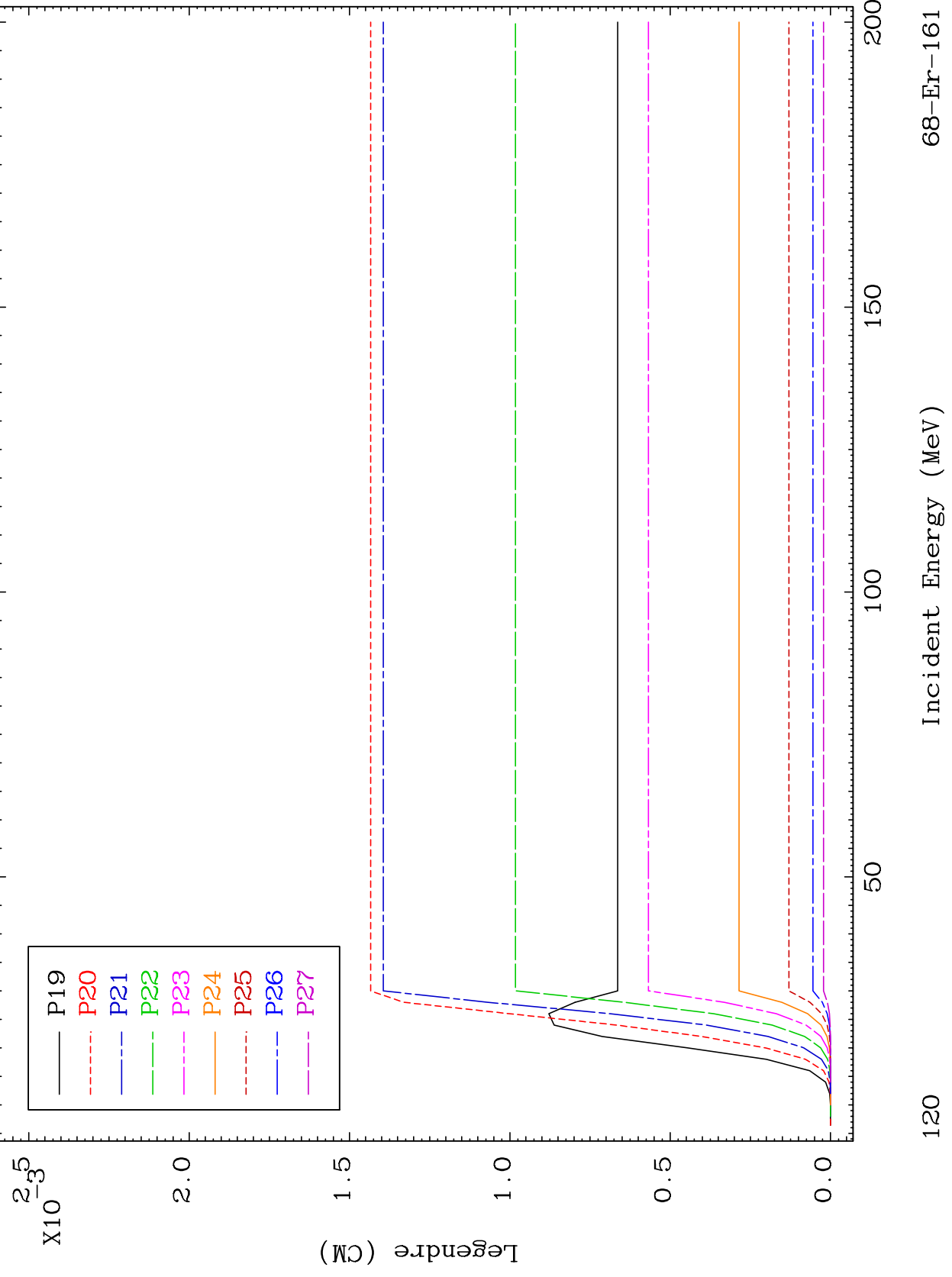
Incident Energy (MeV)

68-Er-161

MAT 68222

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

68-Er-161



68-Er-161

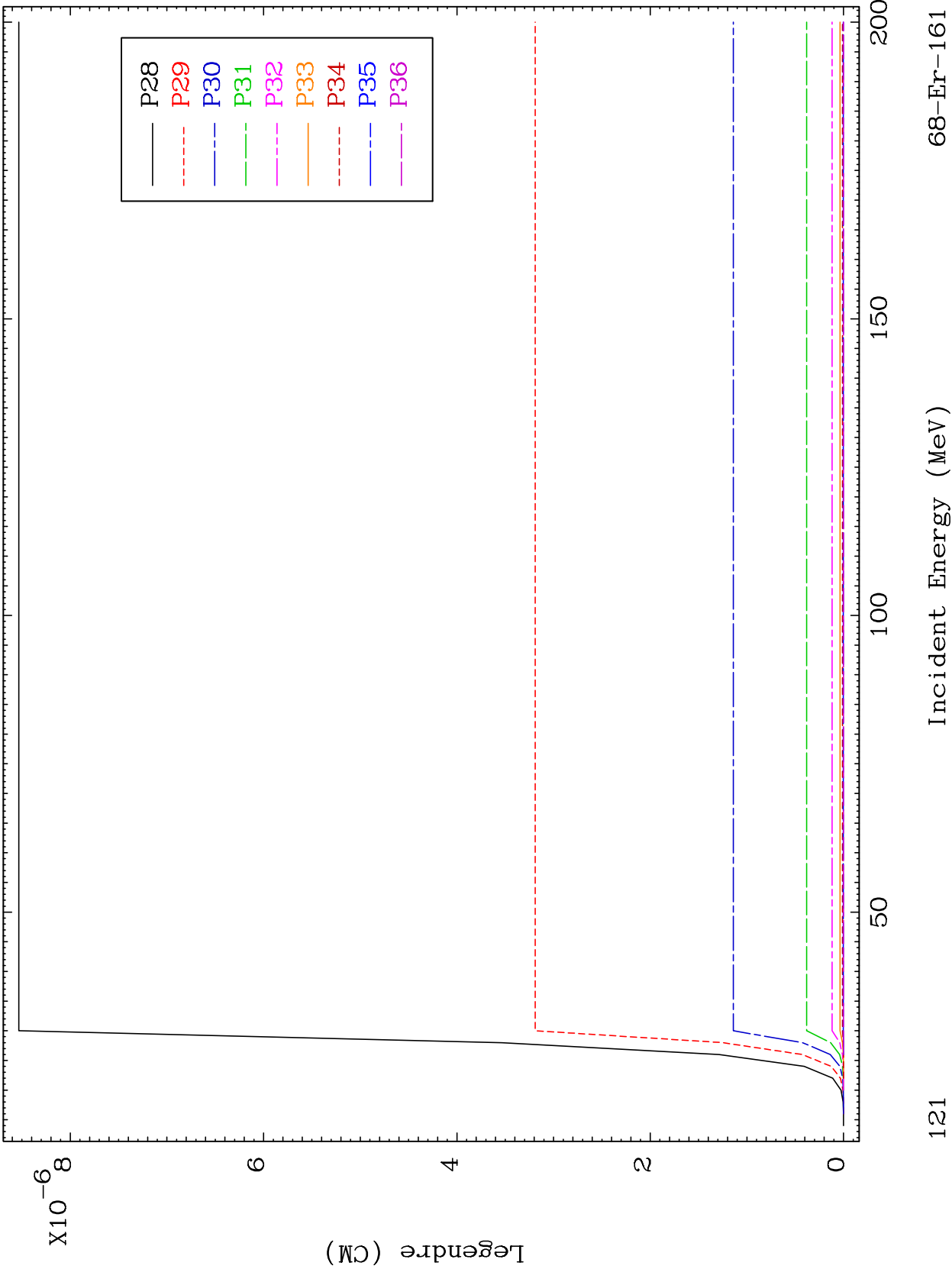
Incident Energy (MeV)

120

MAT 6822

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

68-Er-161



121

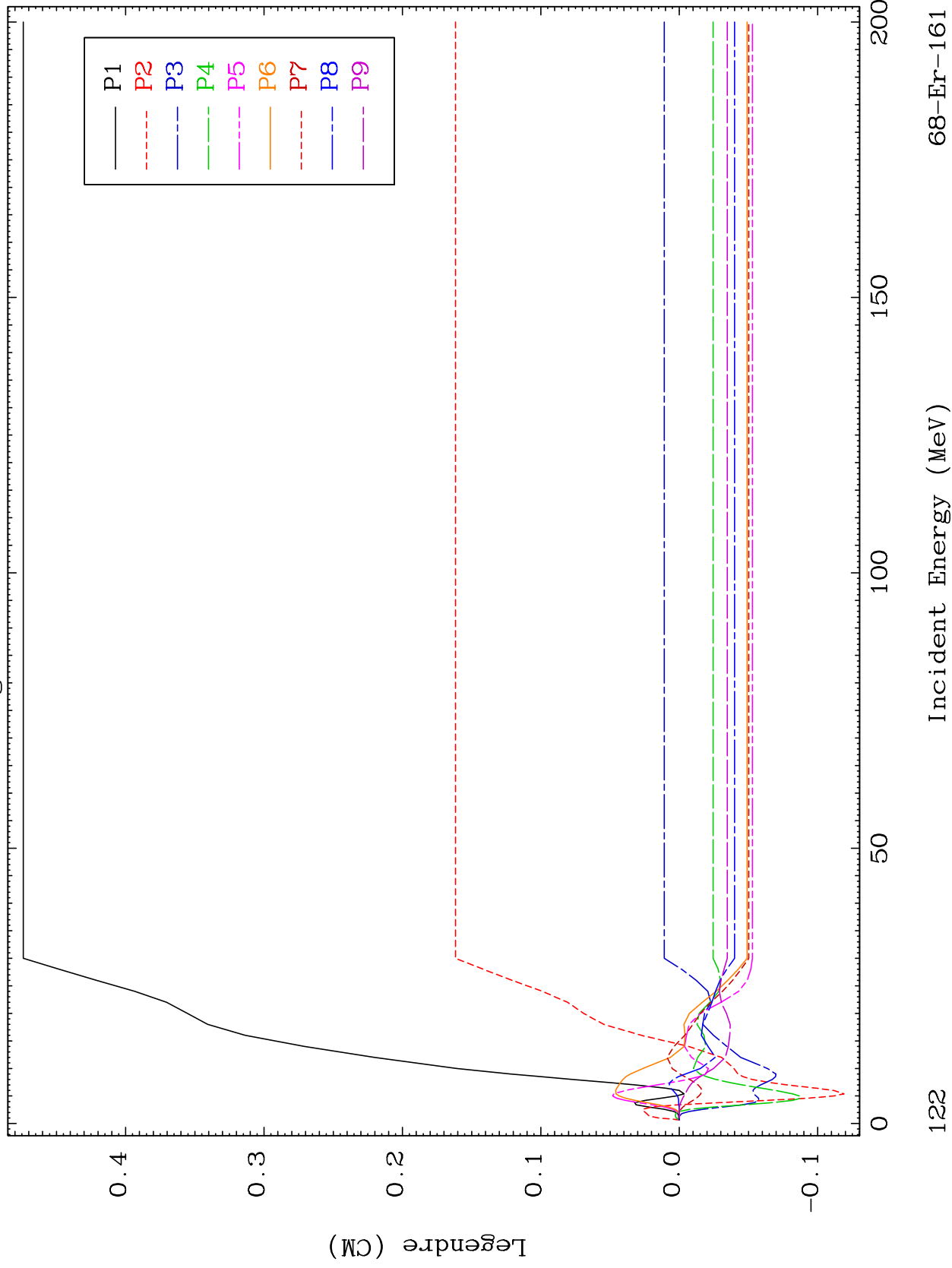
Incident Energy (MeV)

68-Er-161

MAT 68222

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

68-Er-161



68-Er-161

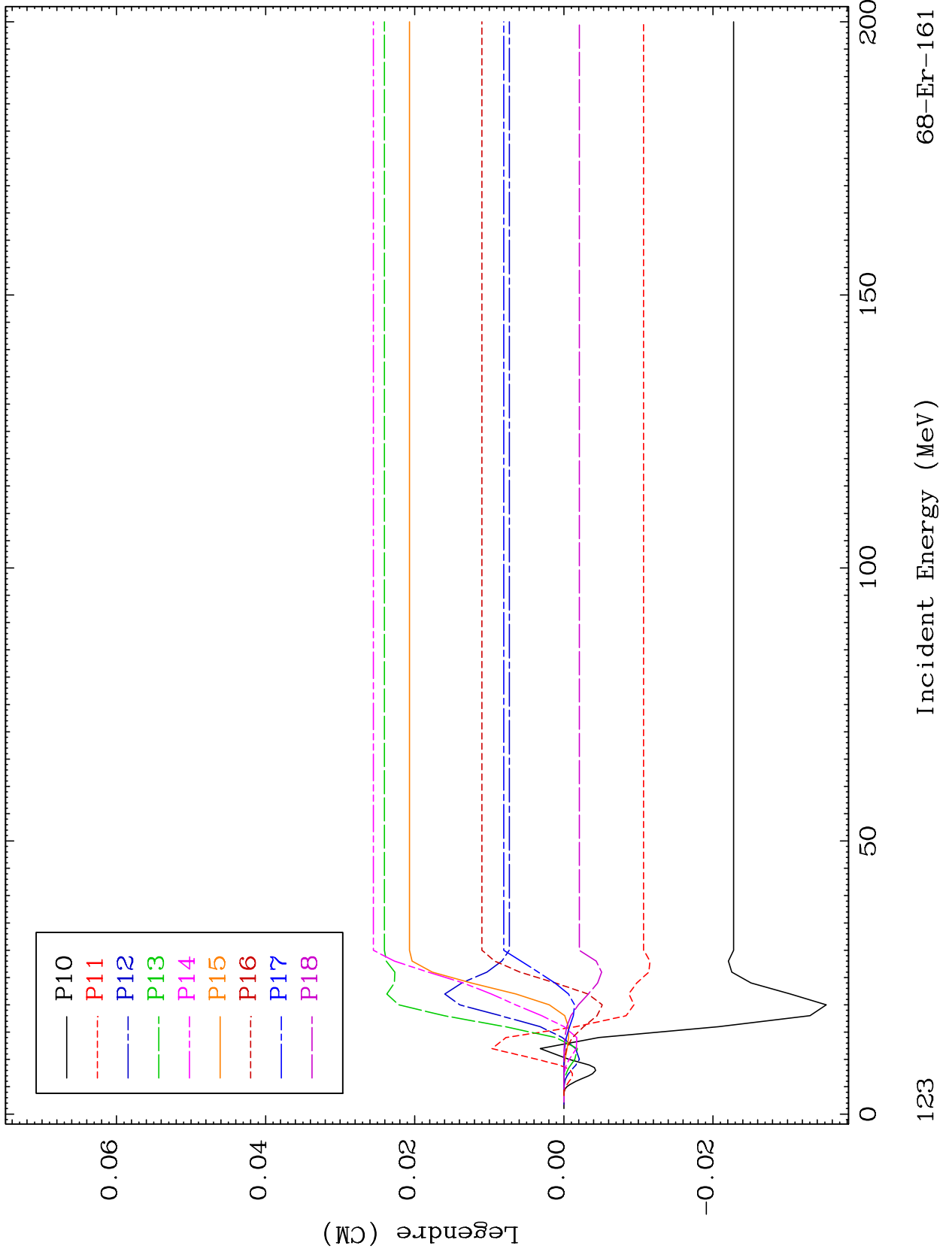
Incident Energy (MeV)

122

MAT 68222

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

68-Er-161



68-Er-161

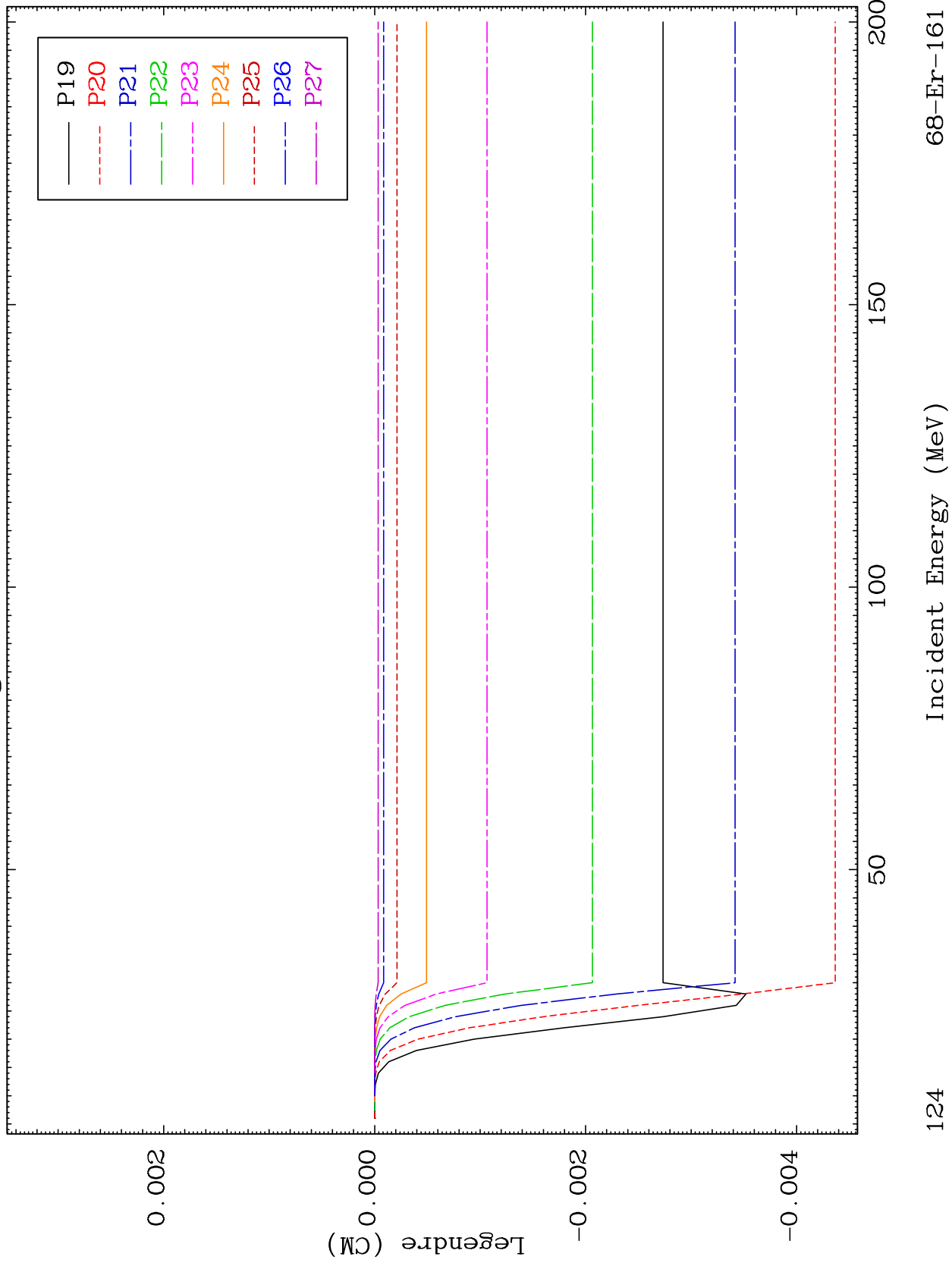
Incident Energy (MeV)

123

MAT 6822

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

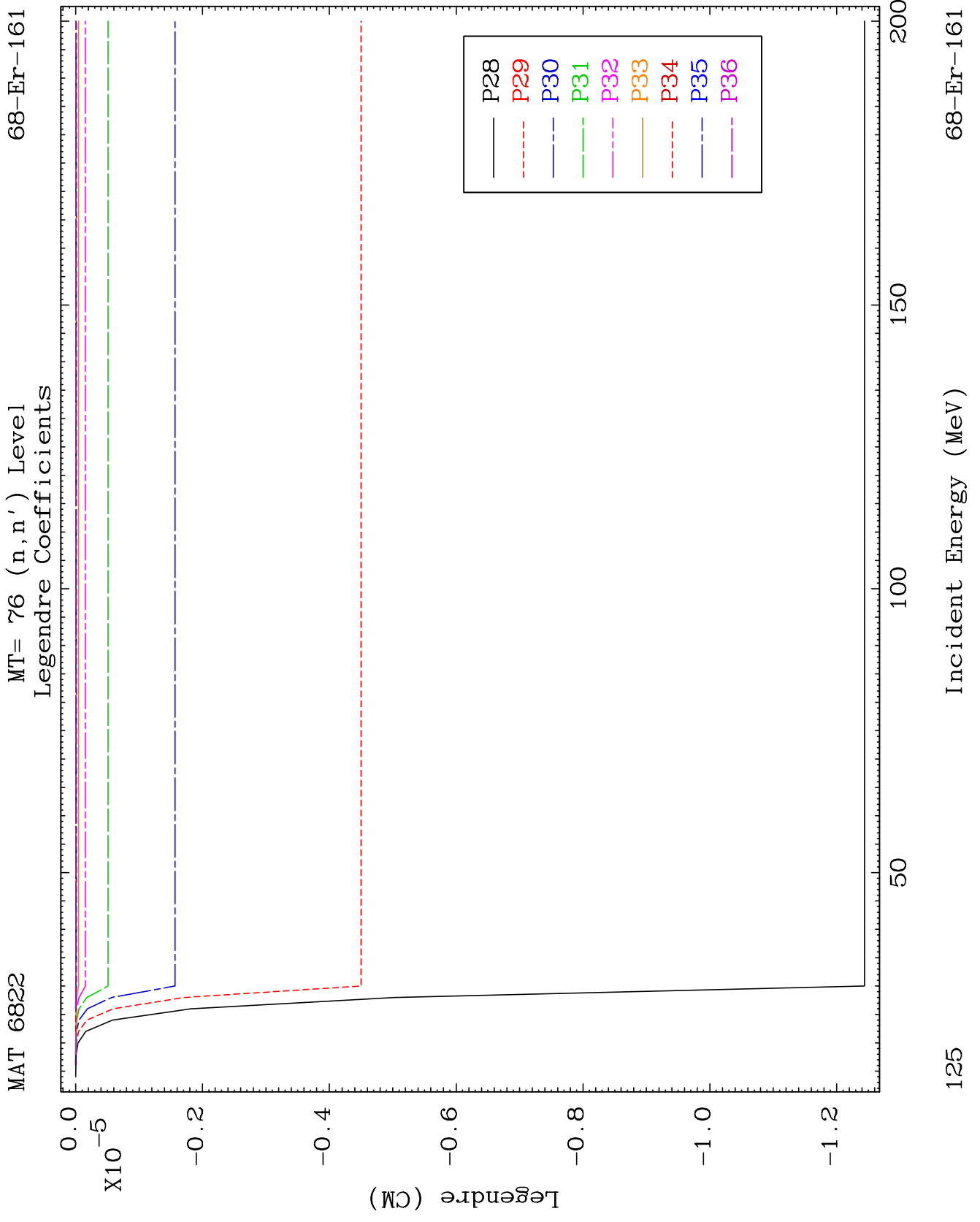
68-Er-161



124

Incident Energy (MeV)

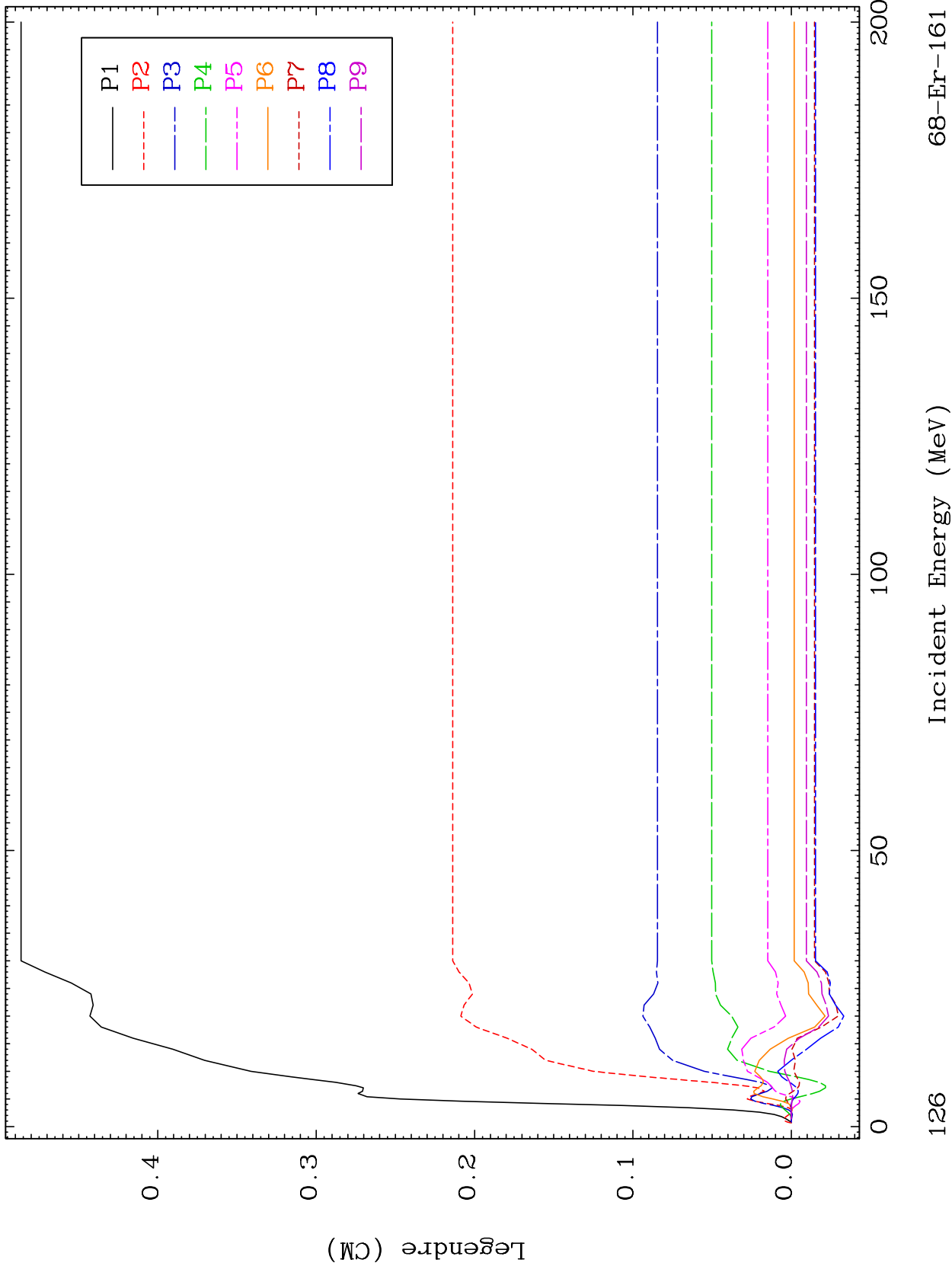
68-Er-161



MAT 68222

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

68-Er-161



68-Er-161

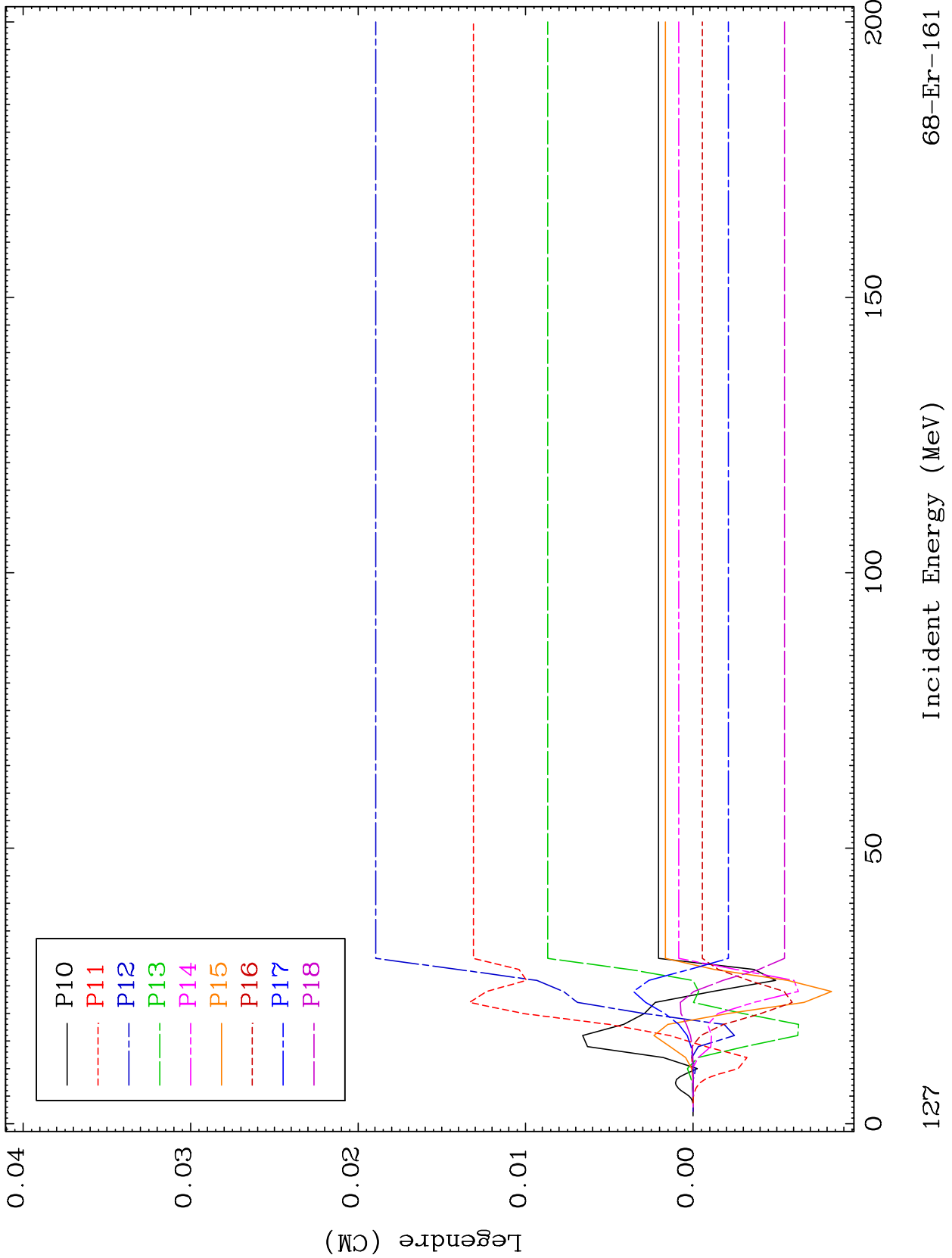
Incident Energy (MeV)

126

MAT 68222

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

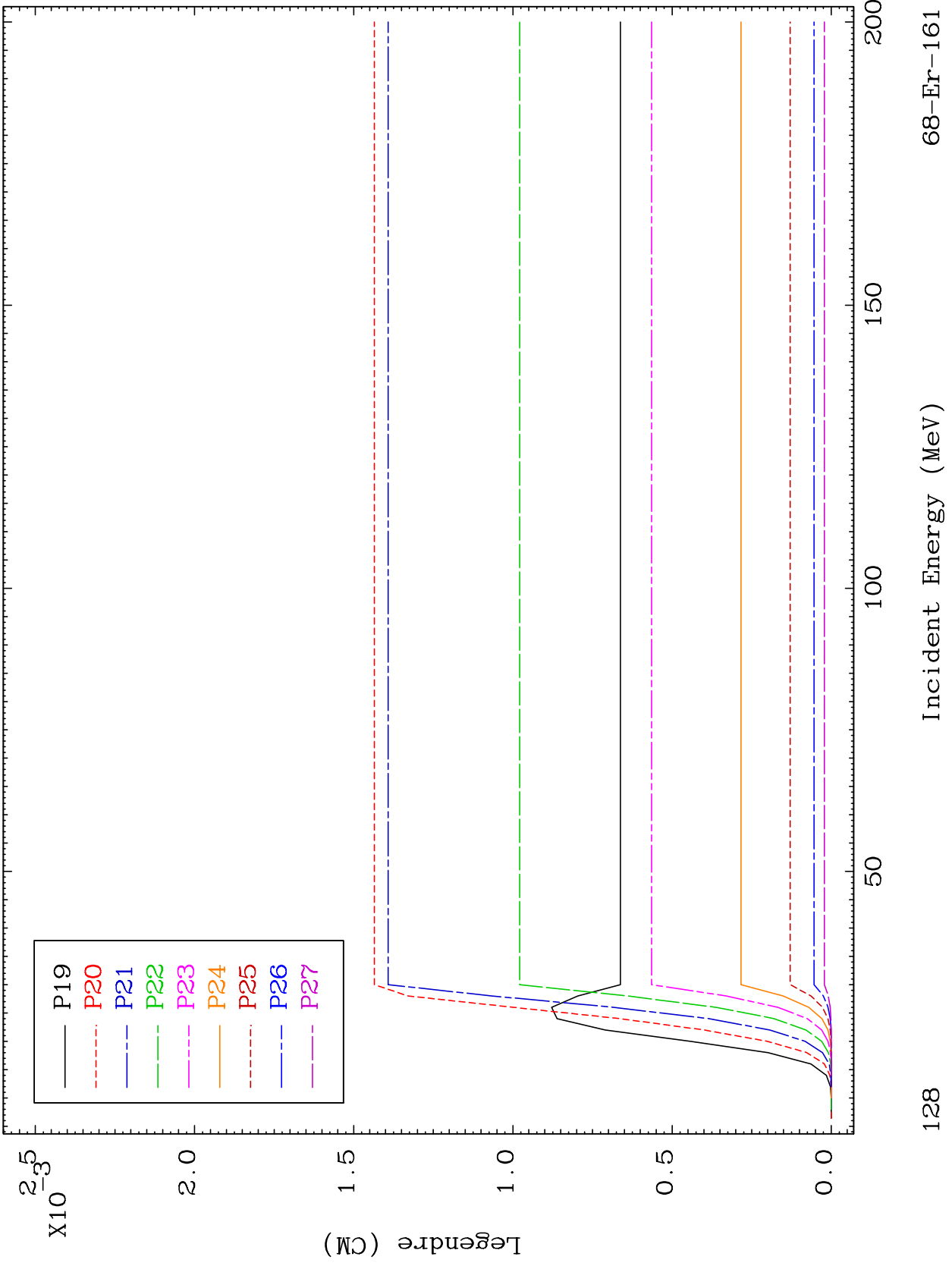
68-Er-161



127

Incident Energy (MeV)

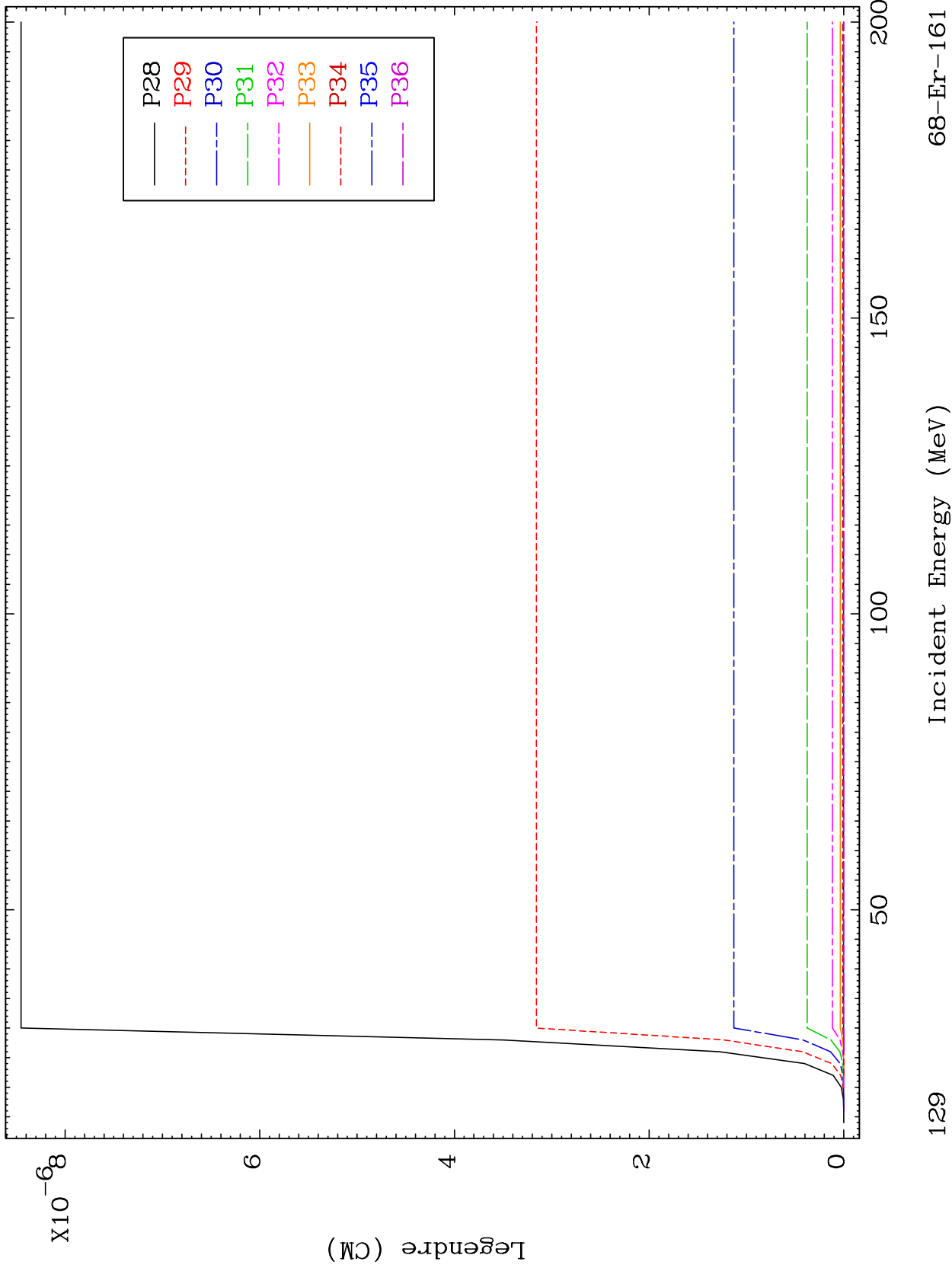
68-Er-161



MAT 68222

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

68-Er-161

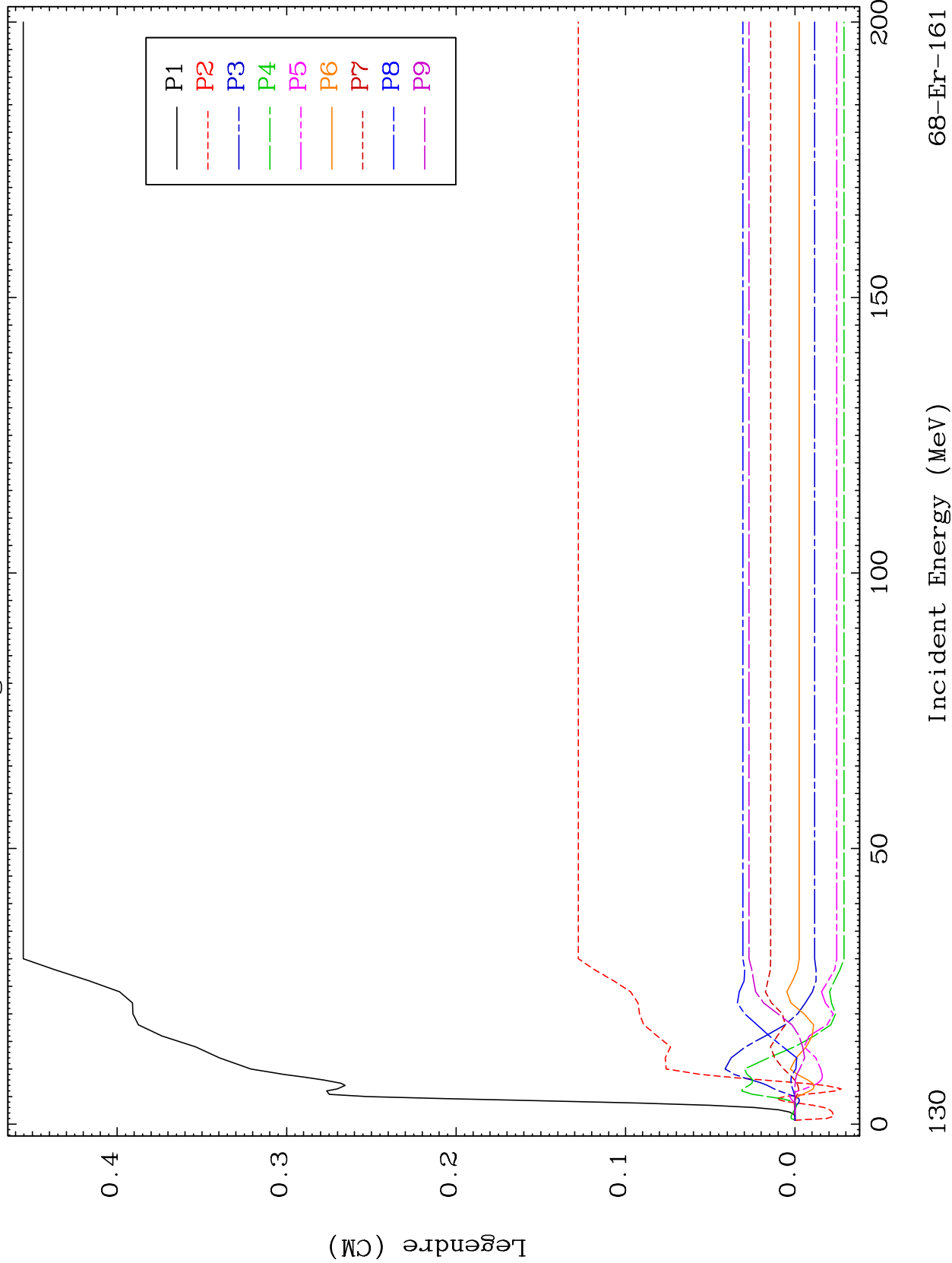


129

MAT 68222

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

68-Er-161



68-Er-161

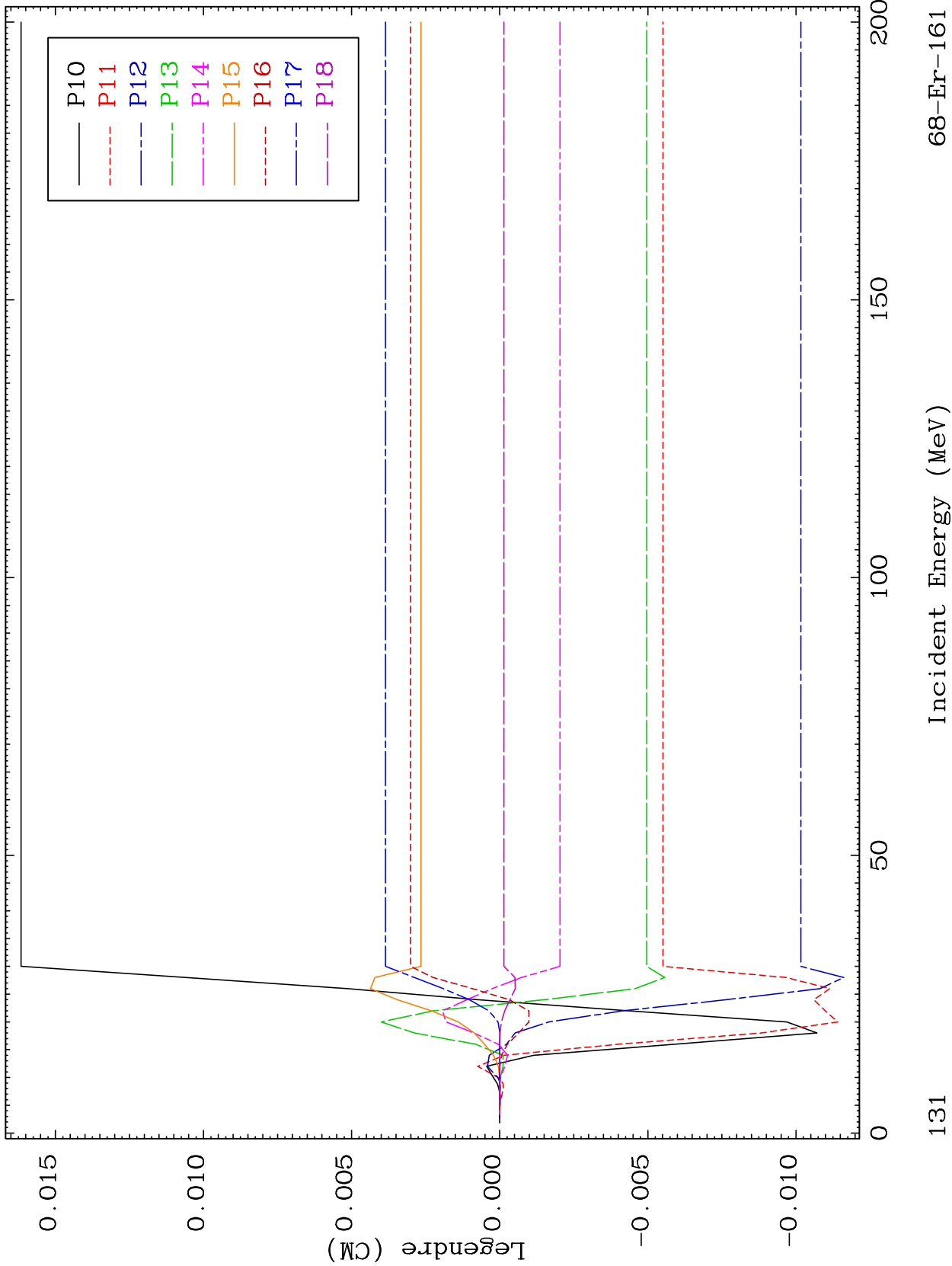
Incident Energy (MeV)

130

MAT 6822

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

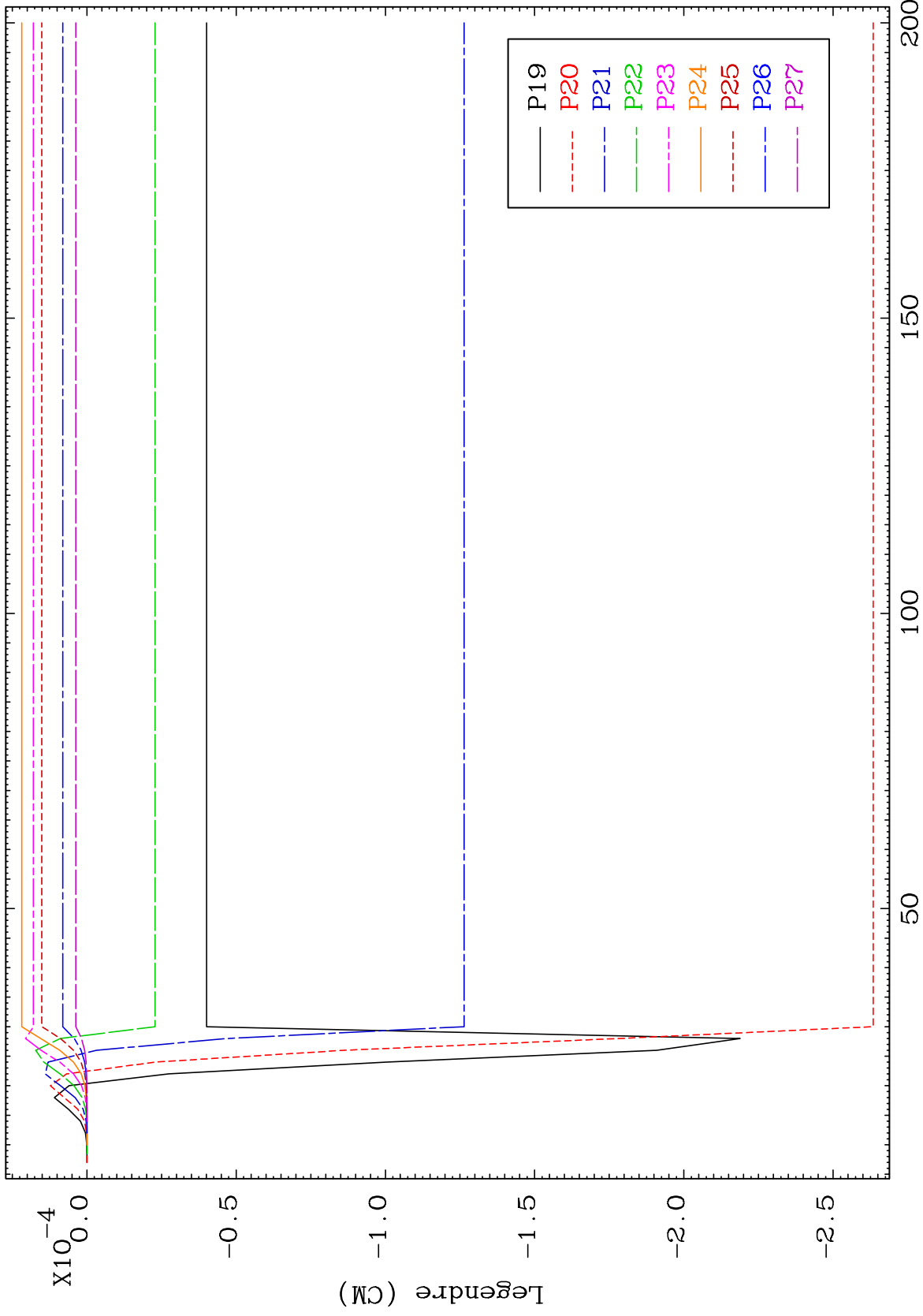
68-Er-161



131

Incident Energy (MeV)

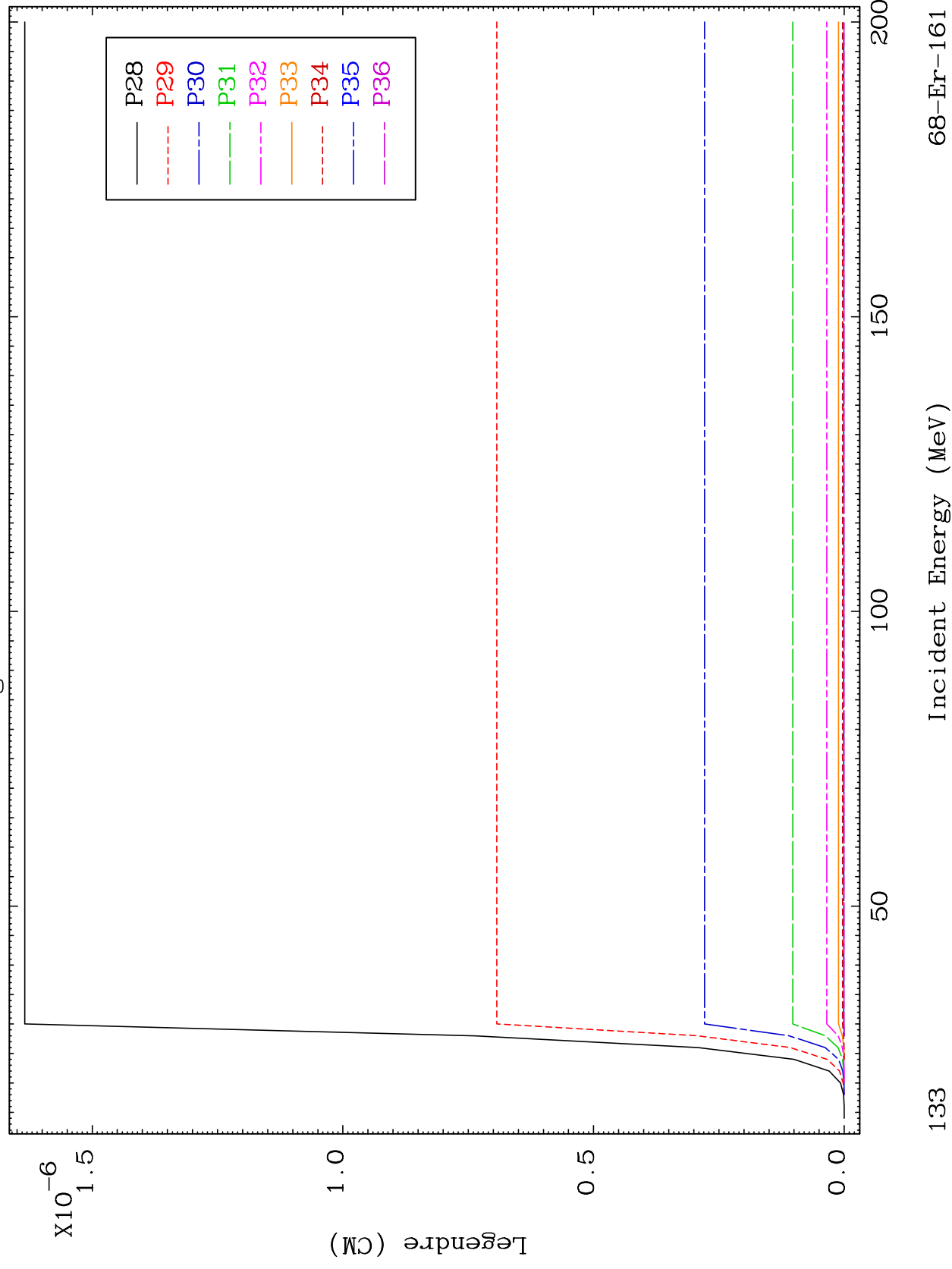
68-Er-161



MAT 6822

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

68-Er-161

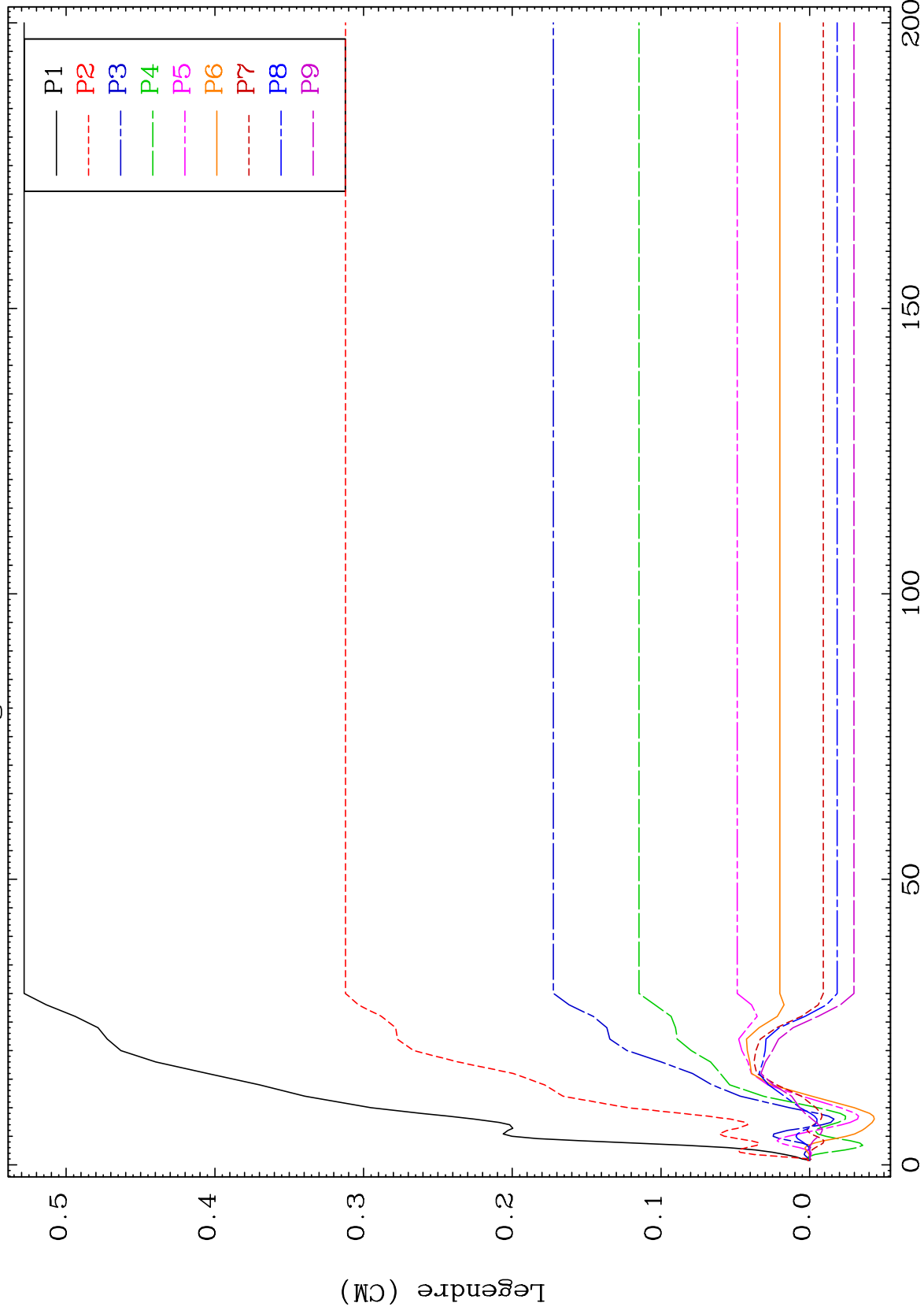


133

MAT 68222

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

68-Er-161



134

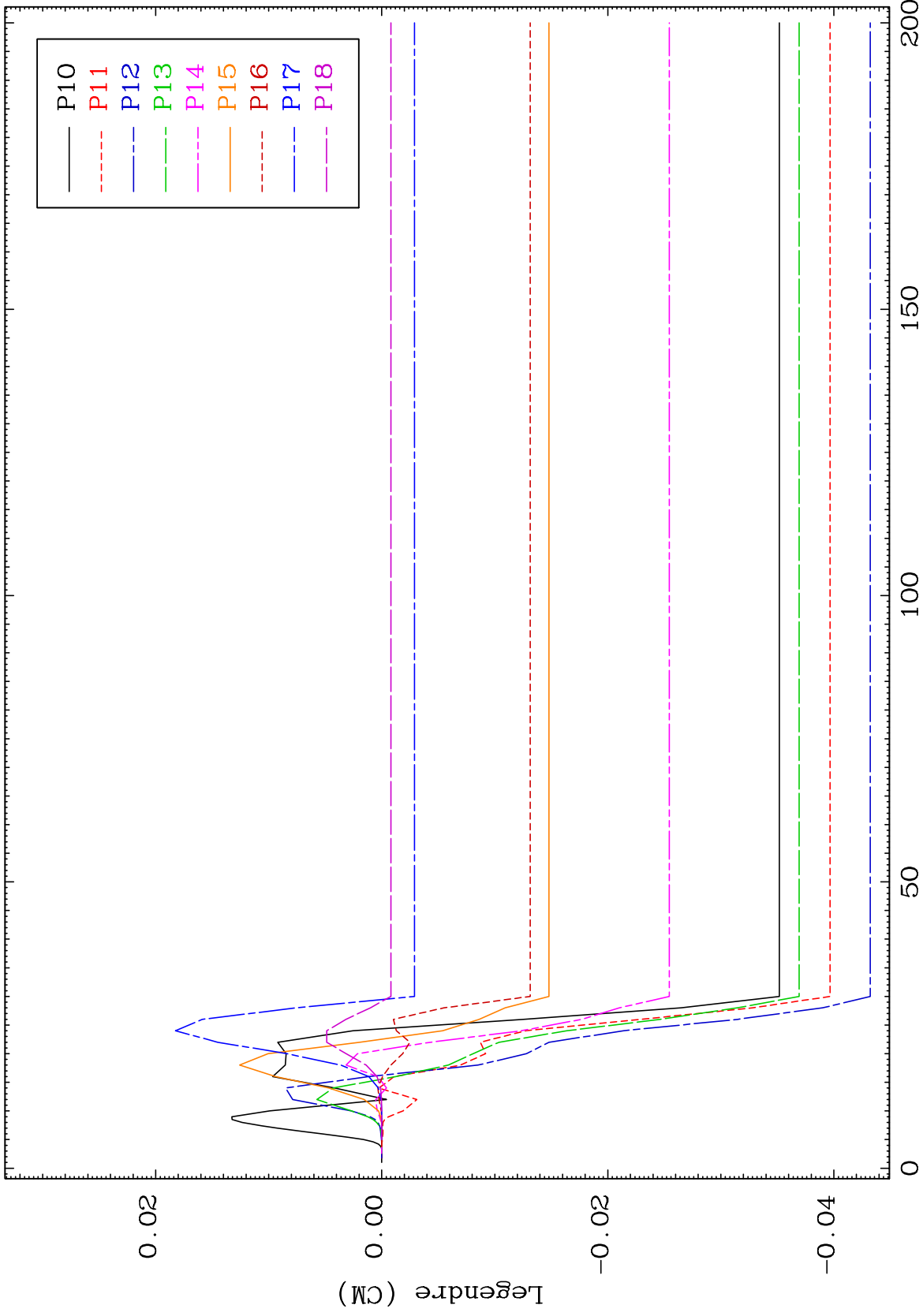
Incident Energy (MeV)

68-Er-161

MAT 68222

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

68-Er-161



135

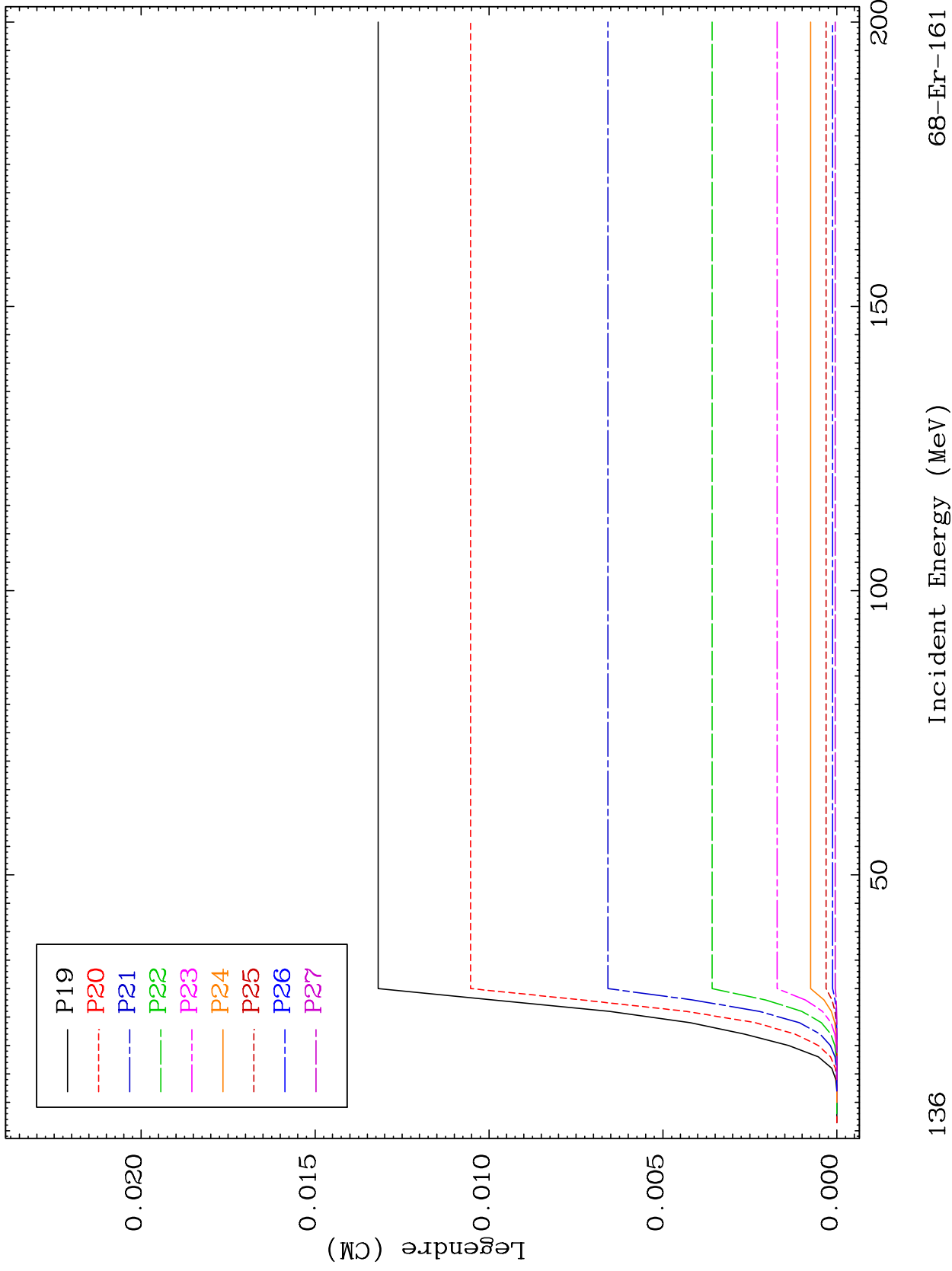
Incident Energy (MeV)

68-Er-161

MAT 68222

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

68-Er-161



136

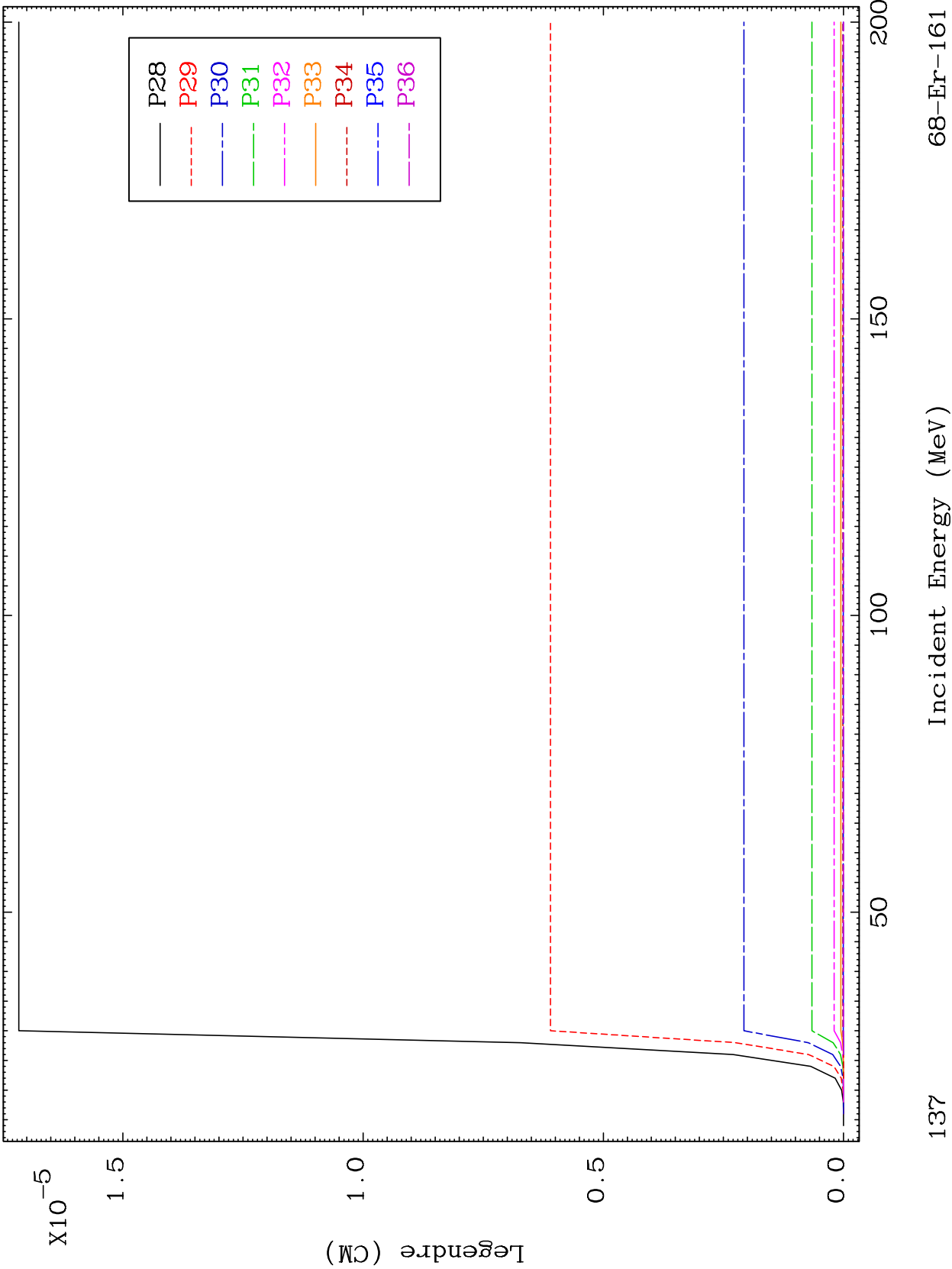
Incident Energy (MeV)

68-Er-161

MAT 6822

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

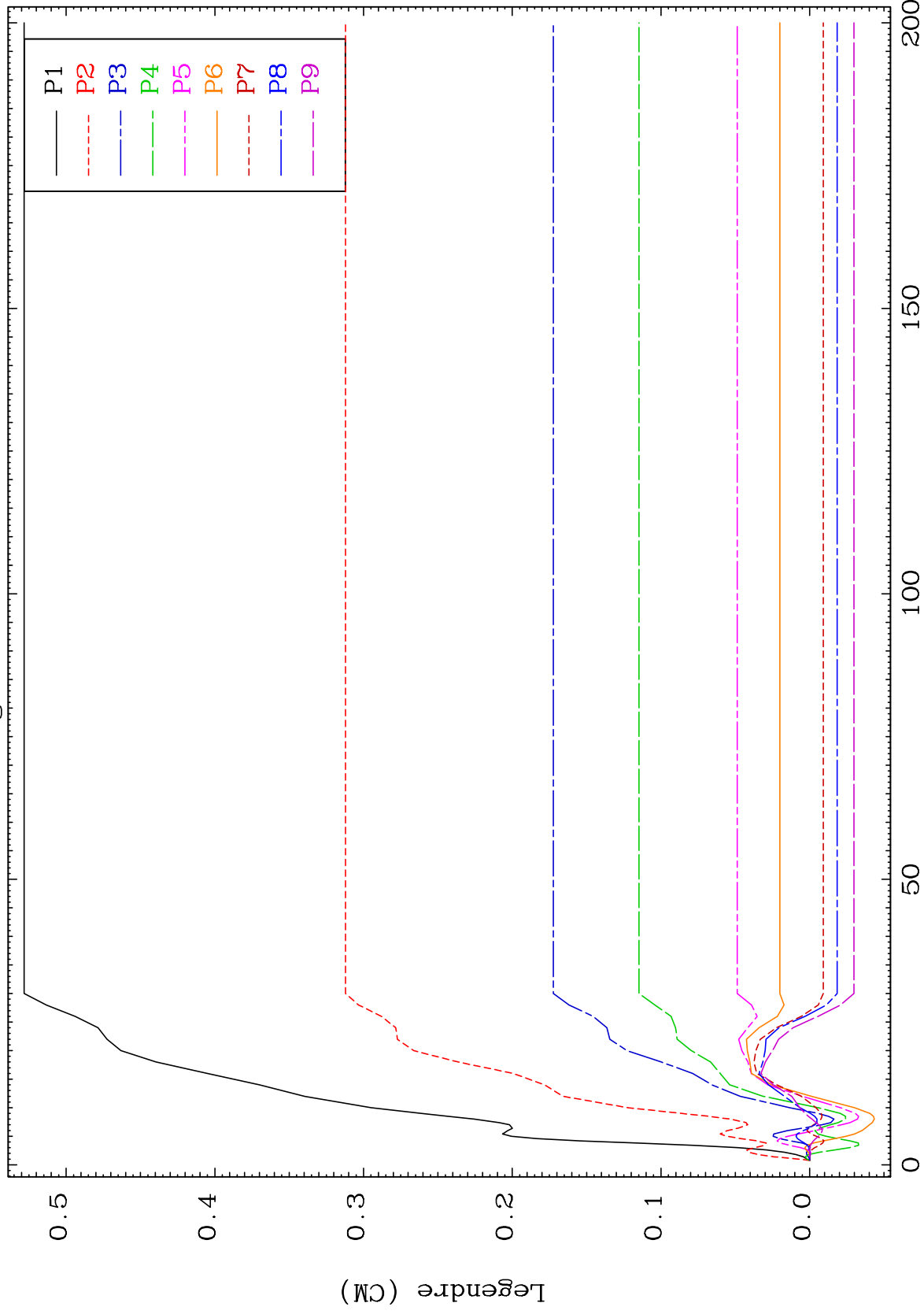
68-Er-161



MAT 68222

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

68-Er-161



138

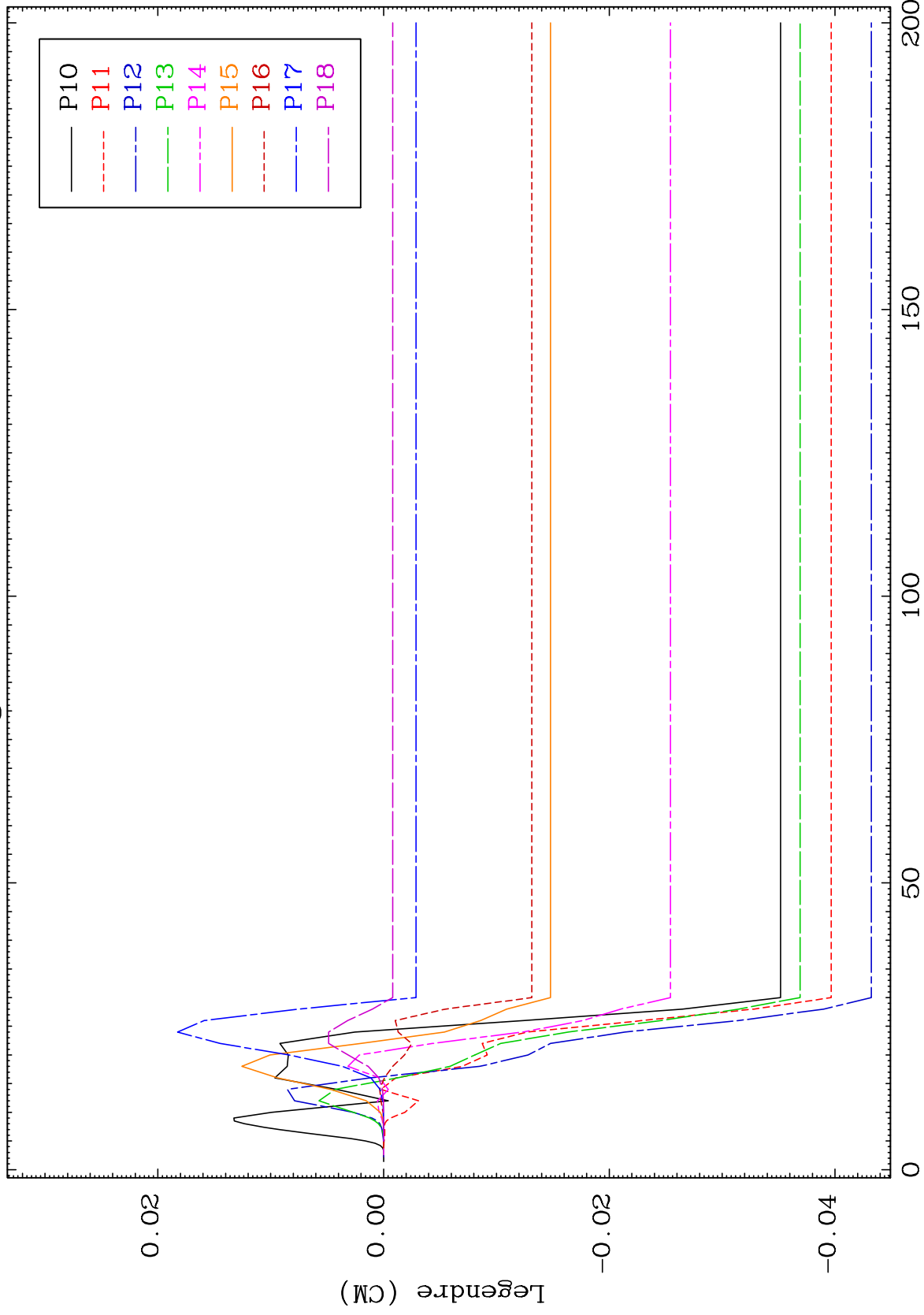
Incident Energy (MeV)

68-Er-161

MAT 68222

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

68-Er-161



139

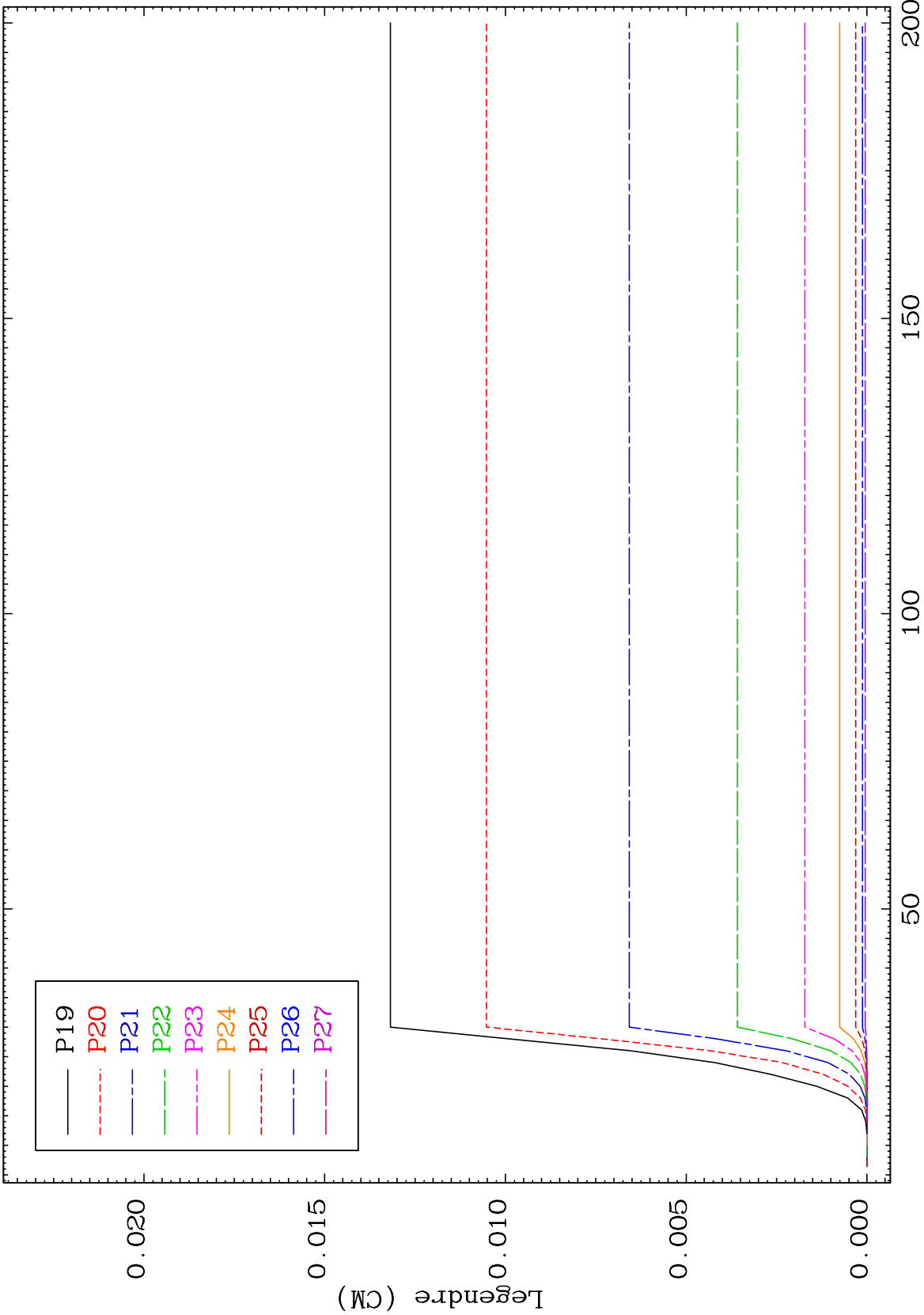
Incident Energy (MeV)

68-Er-161

MAT 68222

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

68-Er-161



68-Er-161

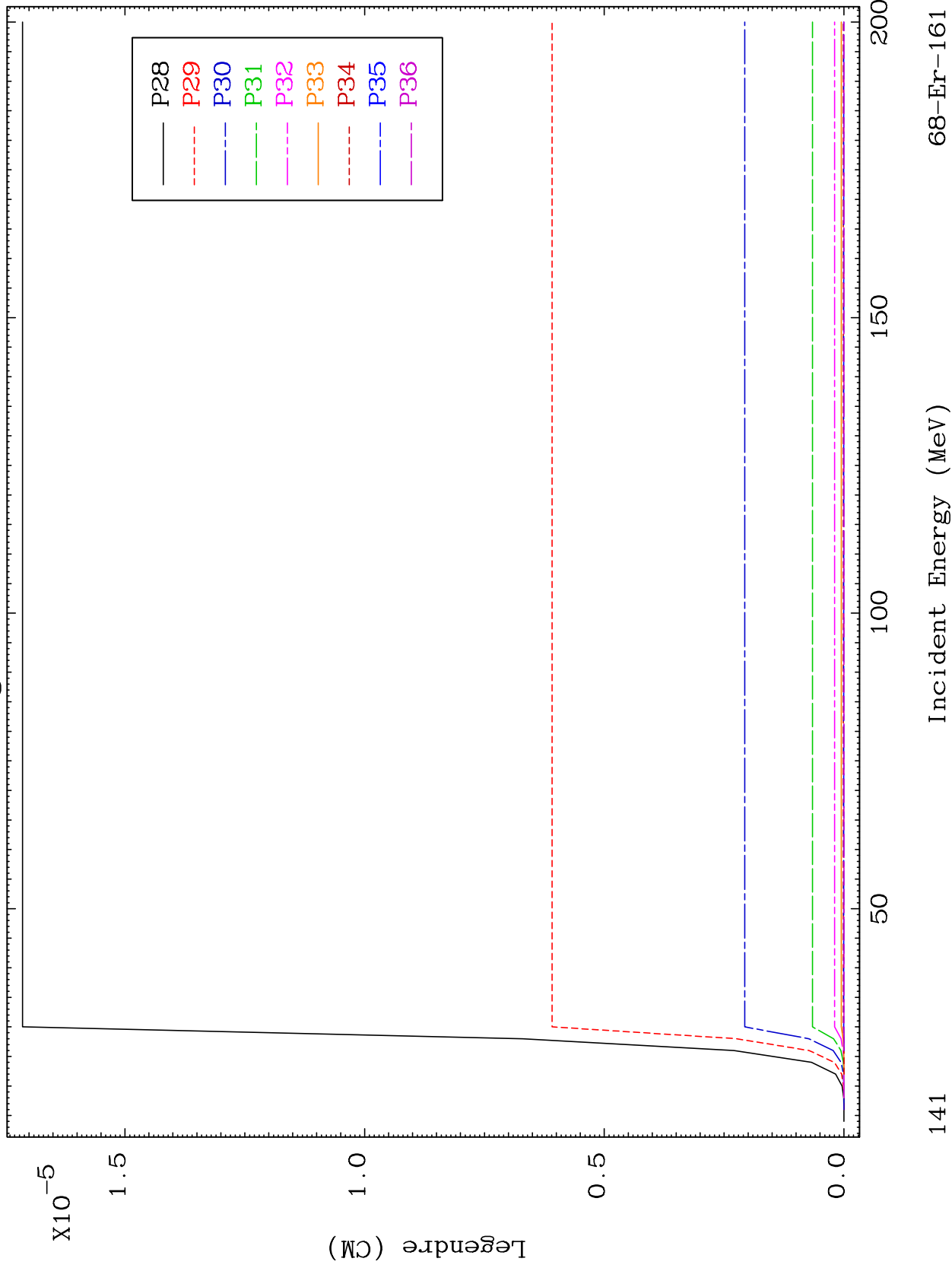
Incident Energy (MeV)

140

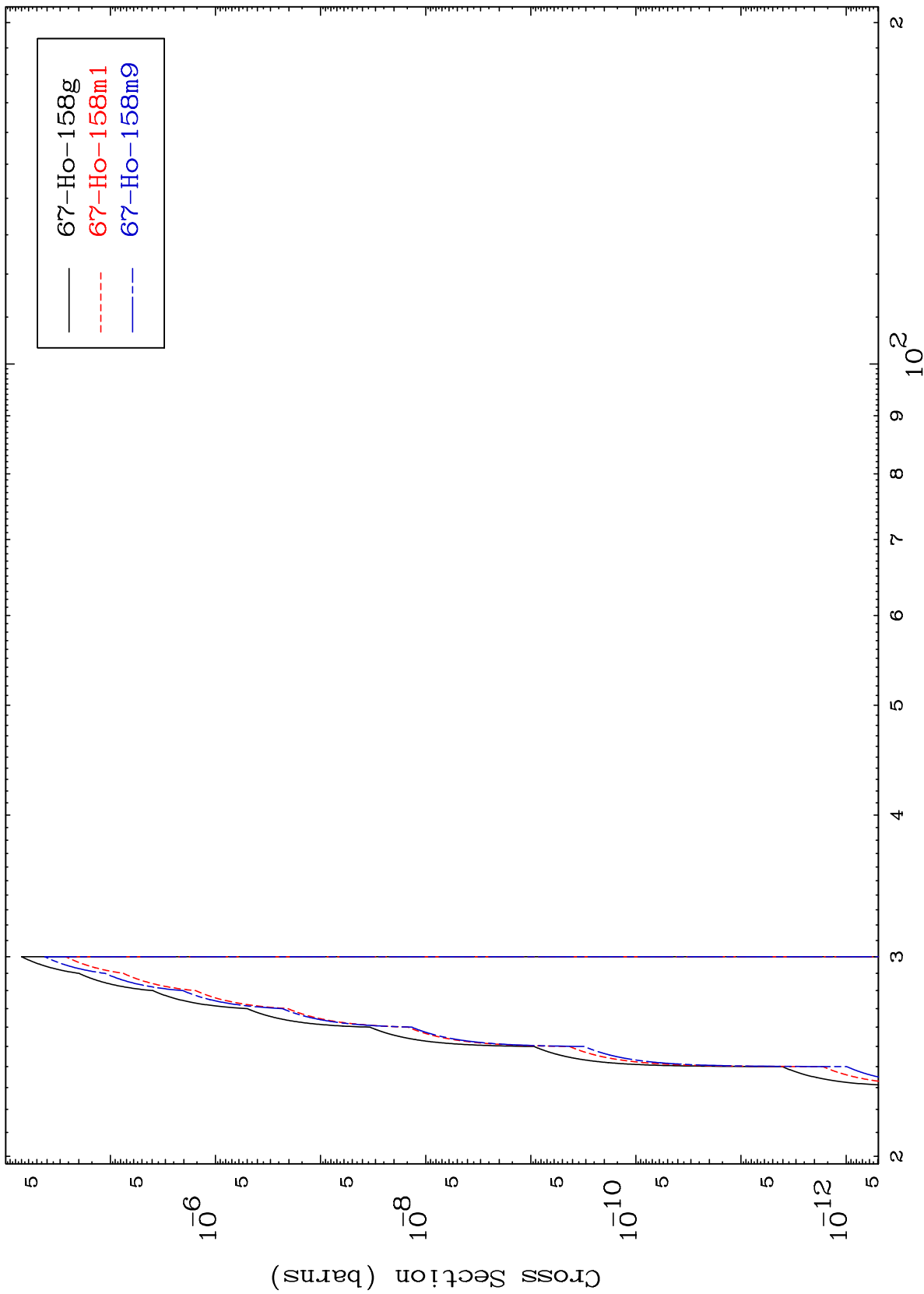
MAT 6822

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

68-Er-161



Radionuclide Production Cross Section

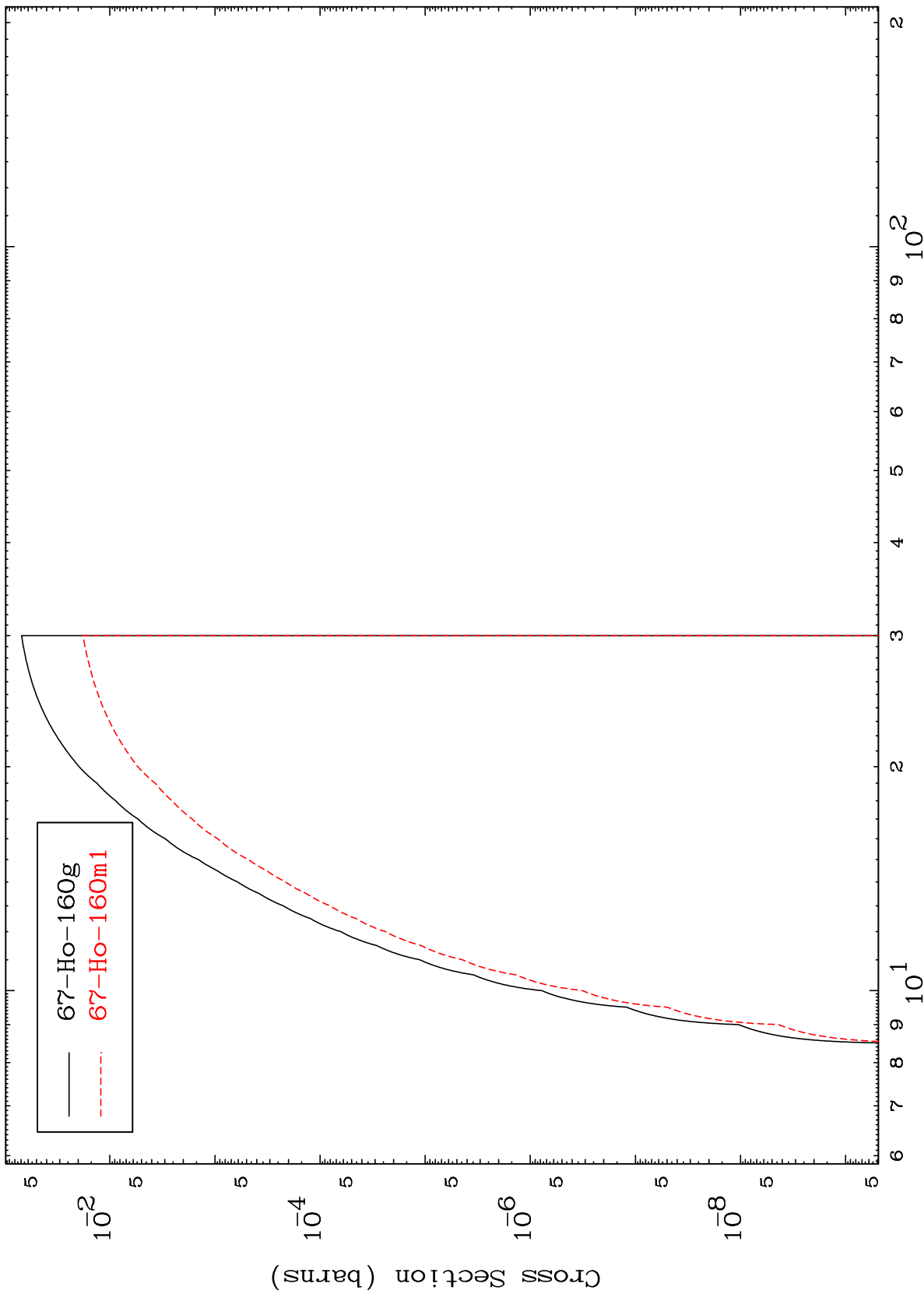


MAT 68222

(n,n') p

68-Er-161

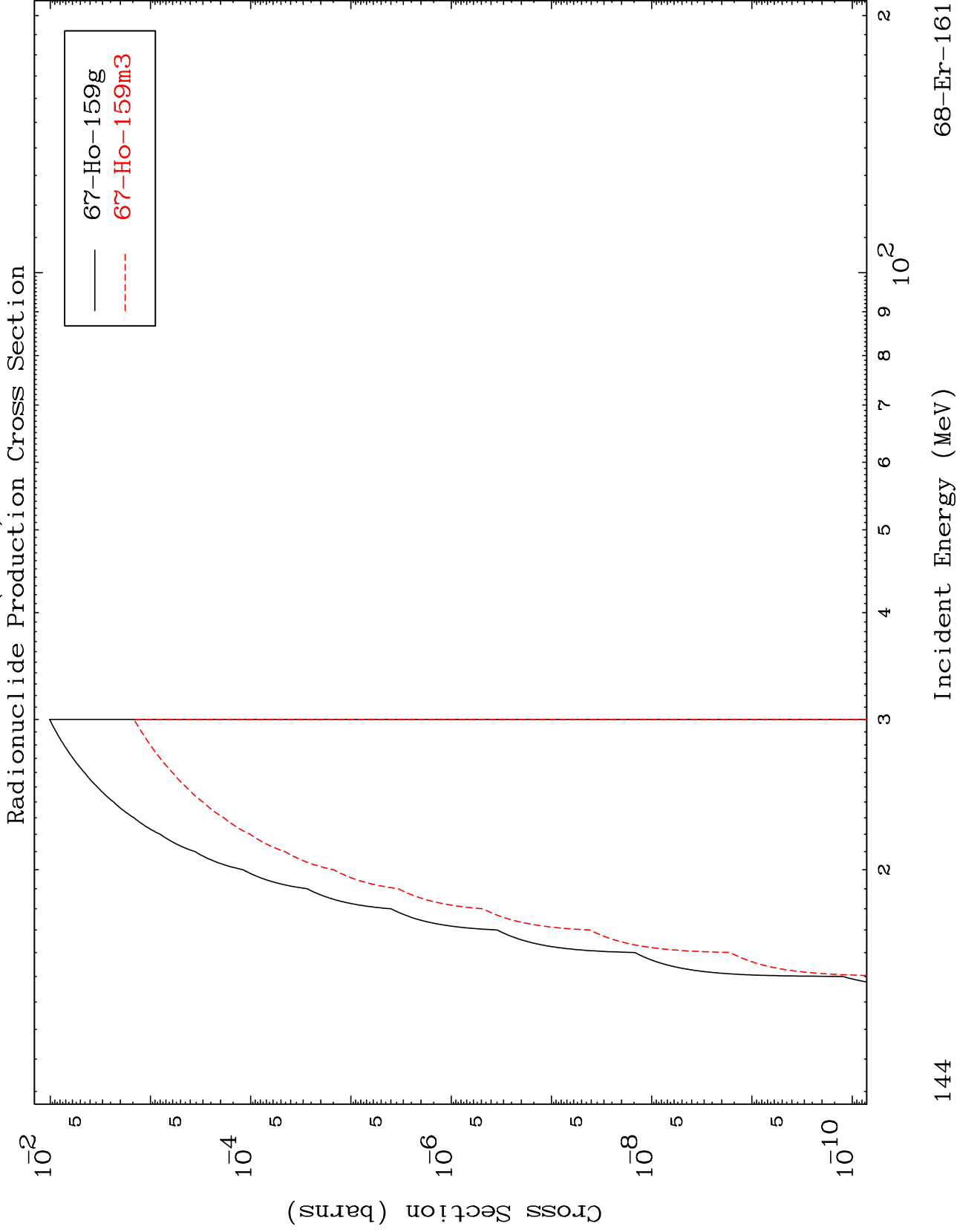
Radionuclide Production Cross Section

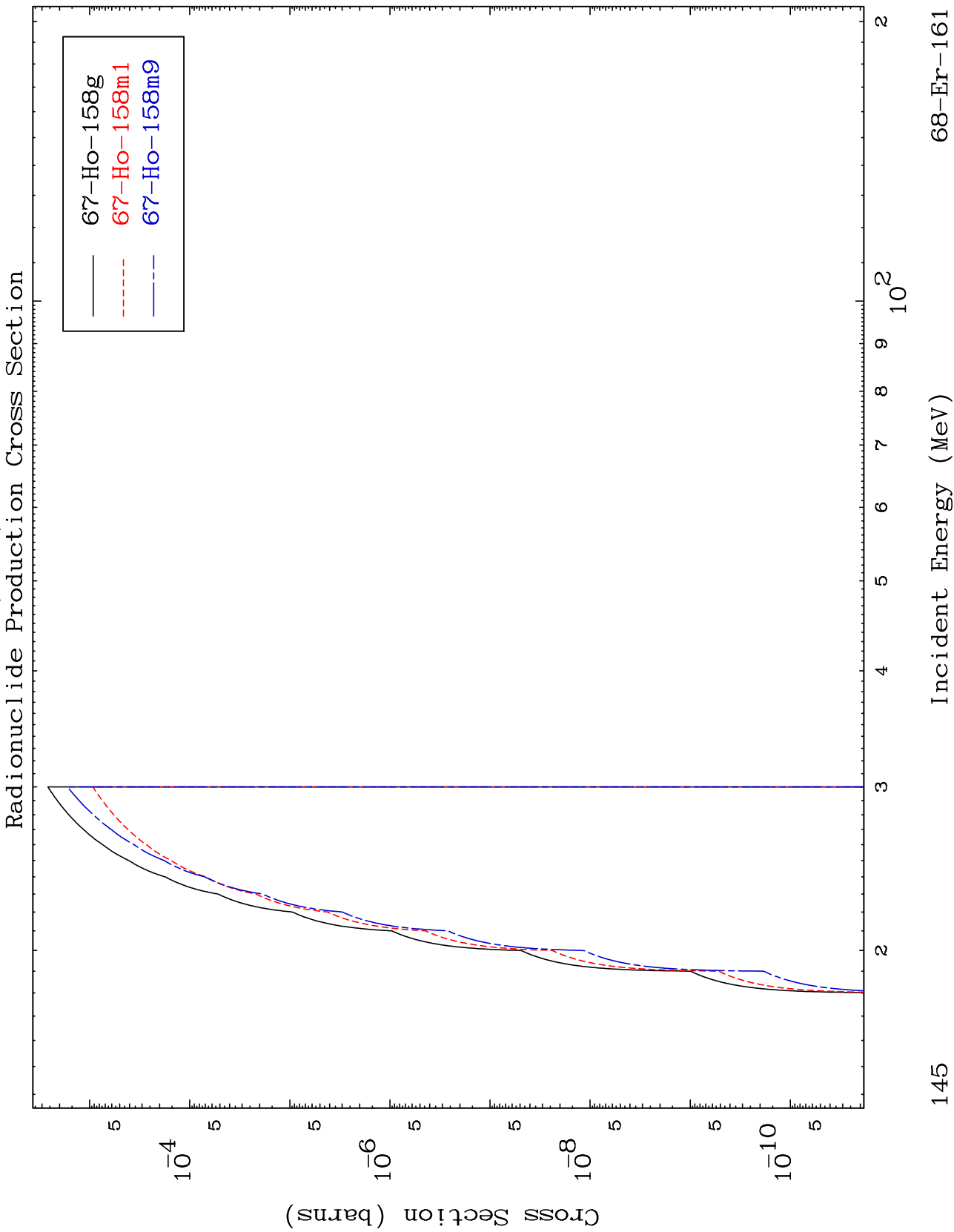


143

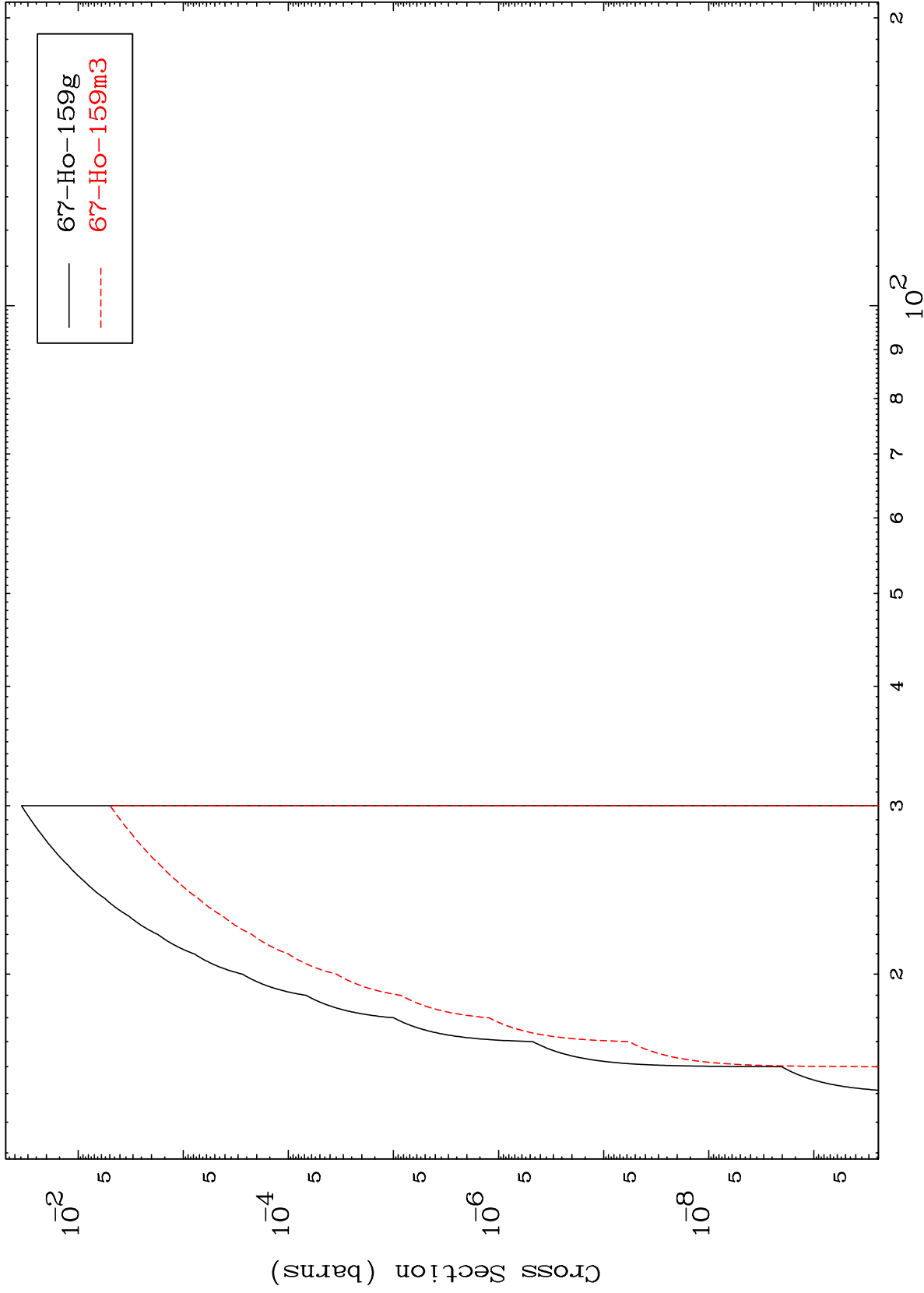
Incident Energy (MeV)

68-Er-161

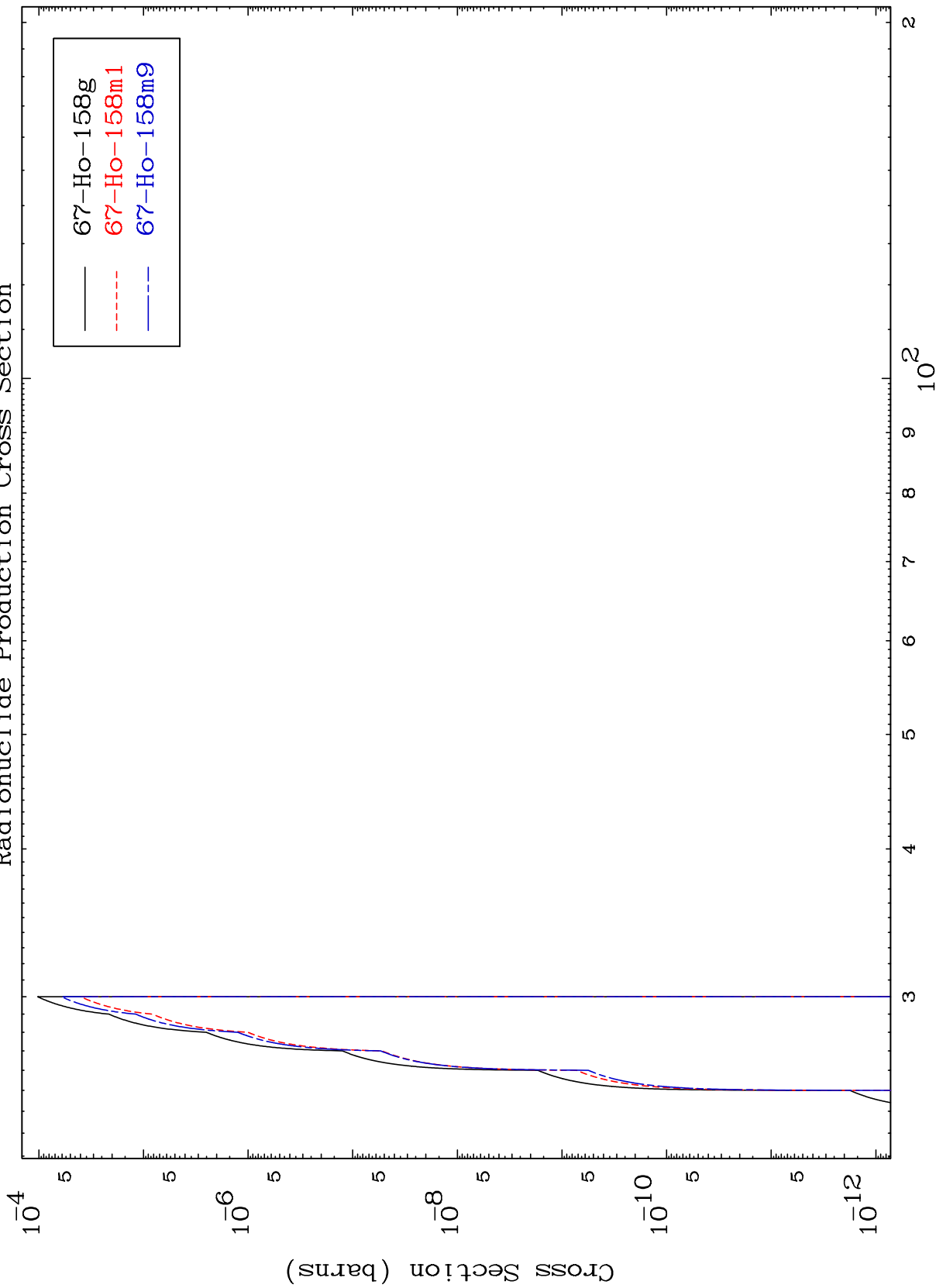




Radionuclide Production Cross Section



Radionuclide Production Cross Section

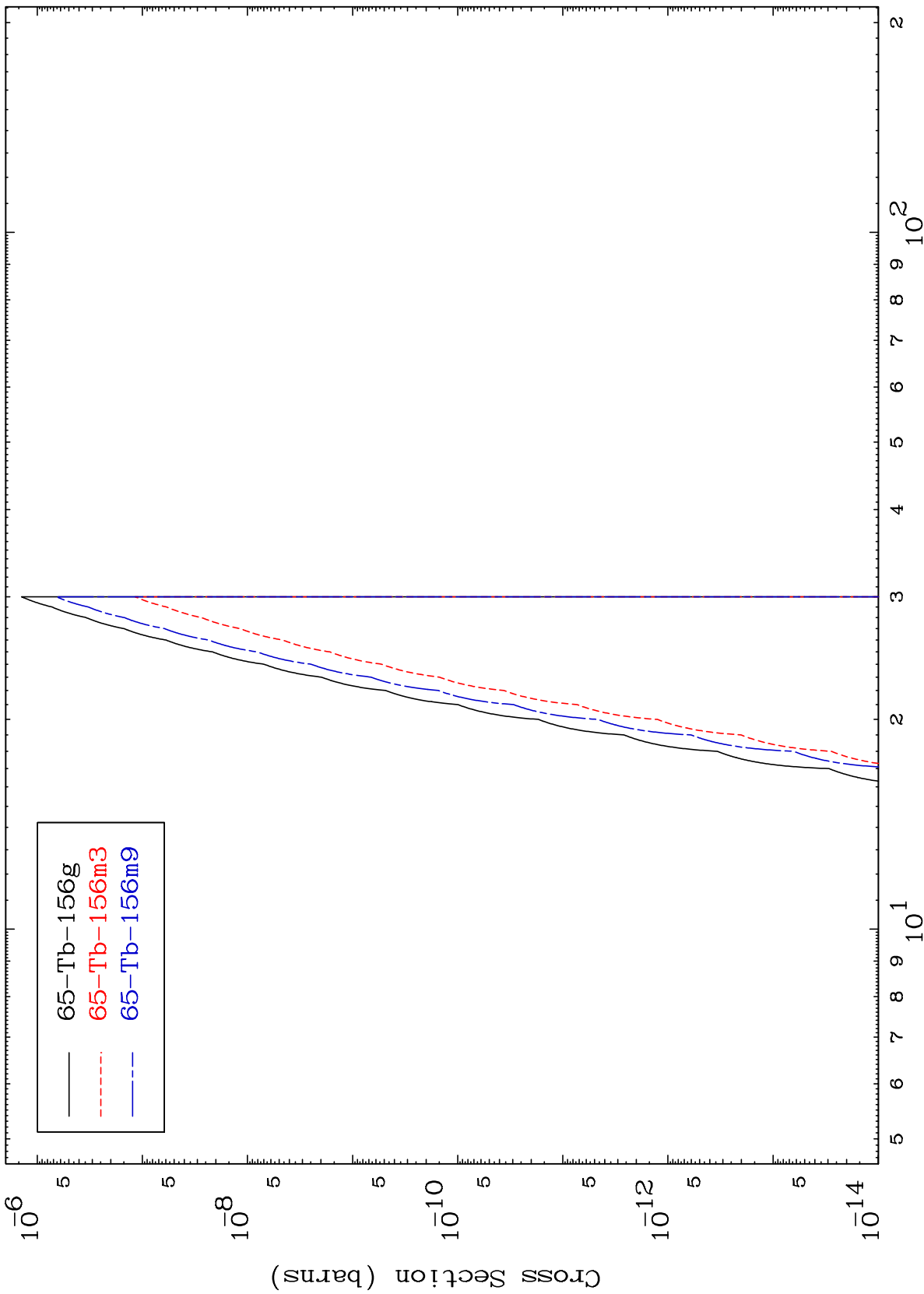


MAT 68222

(n,n') p α

68-Er-161

Radionuclide Production Cross Section



148

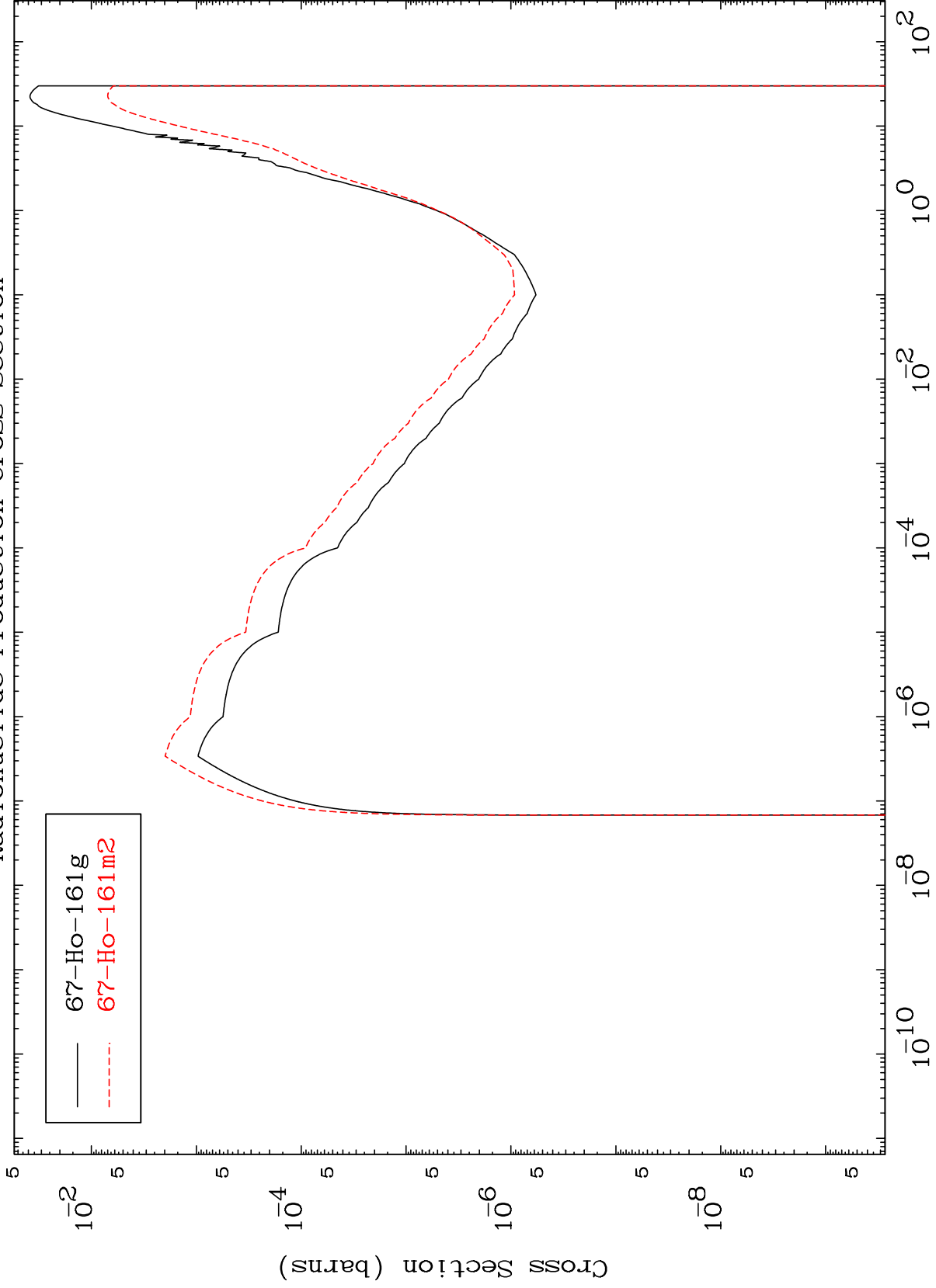
Incident Energy (MeV)

68-Er-161

MAT 6822

68-Er-161

(n,p)
Radionuclide Production Cross Section



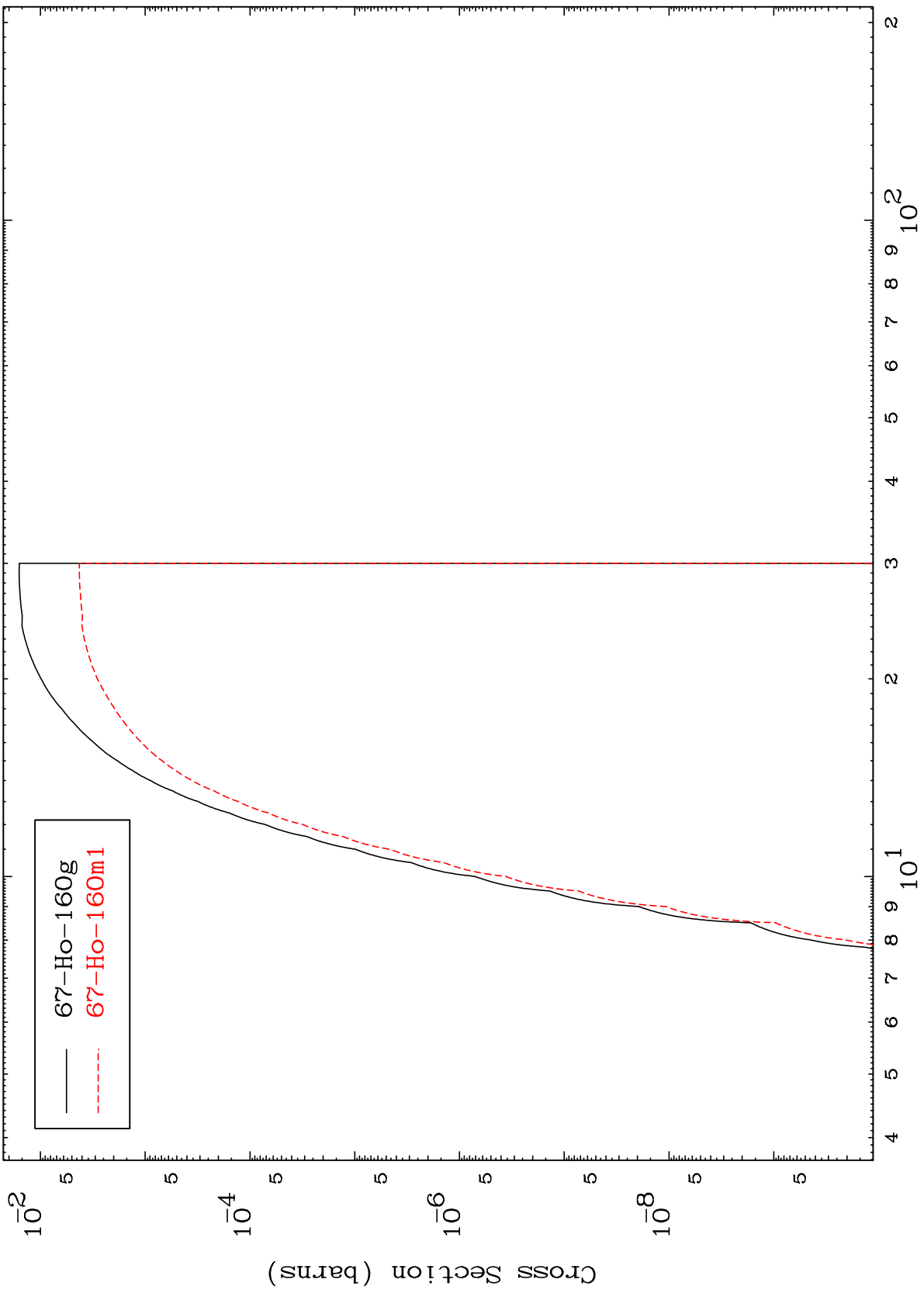
149

68-Er-161

MAT 68222

68-Er-161

(n,d)
Radionuclide Production Cross Section



— 67-Ho-160g
- - - 67-Ho-160m1

150

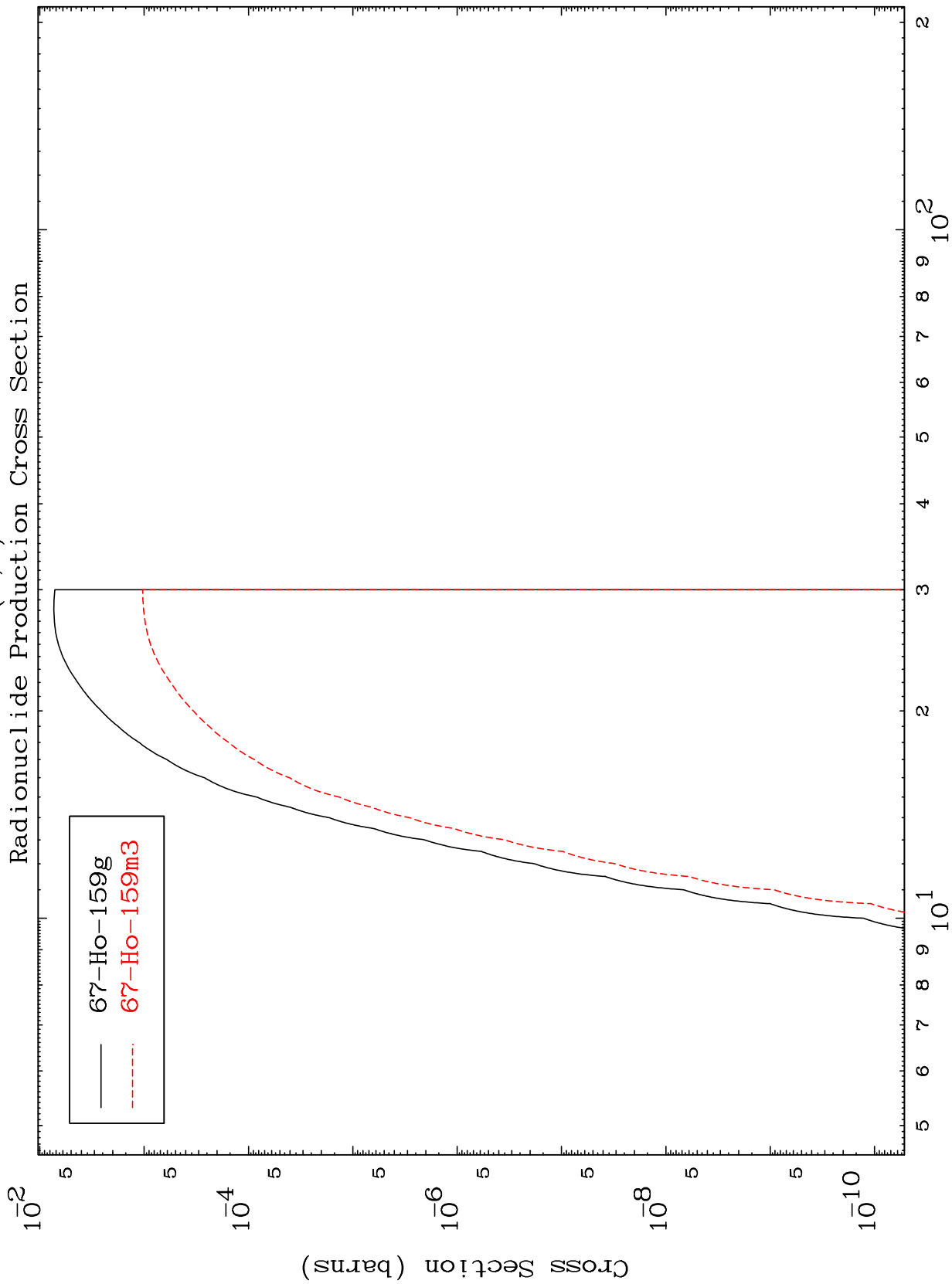
Incident Energy (MeV)

68-Er-161

MAT 68222

68-Er-161

Radionuclide Production Cross Section
(n, t)



151

Incident Energy (MeV)

68-Er-161

Radionuclide Production Cross Section

