

Program EVALPLOT  
(Version 2021-1)

by

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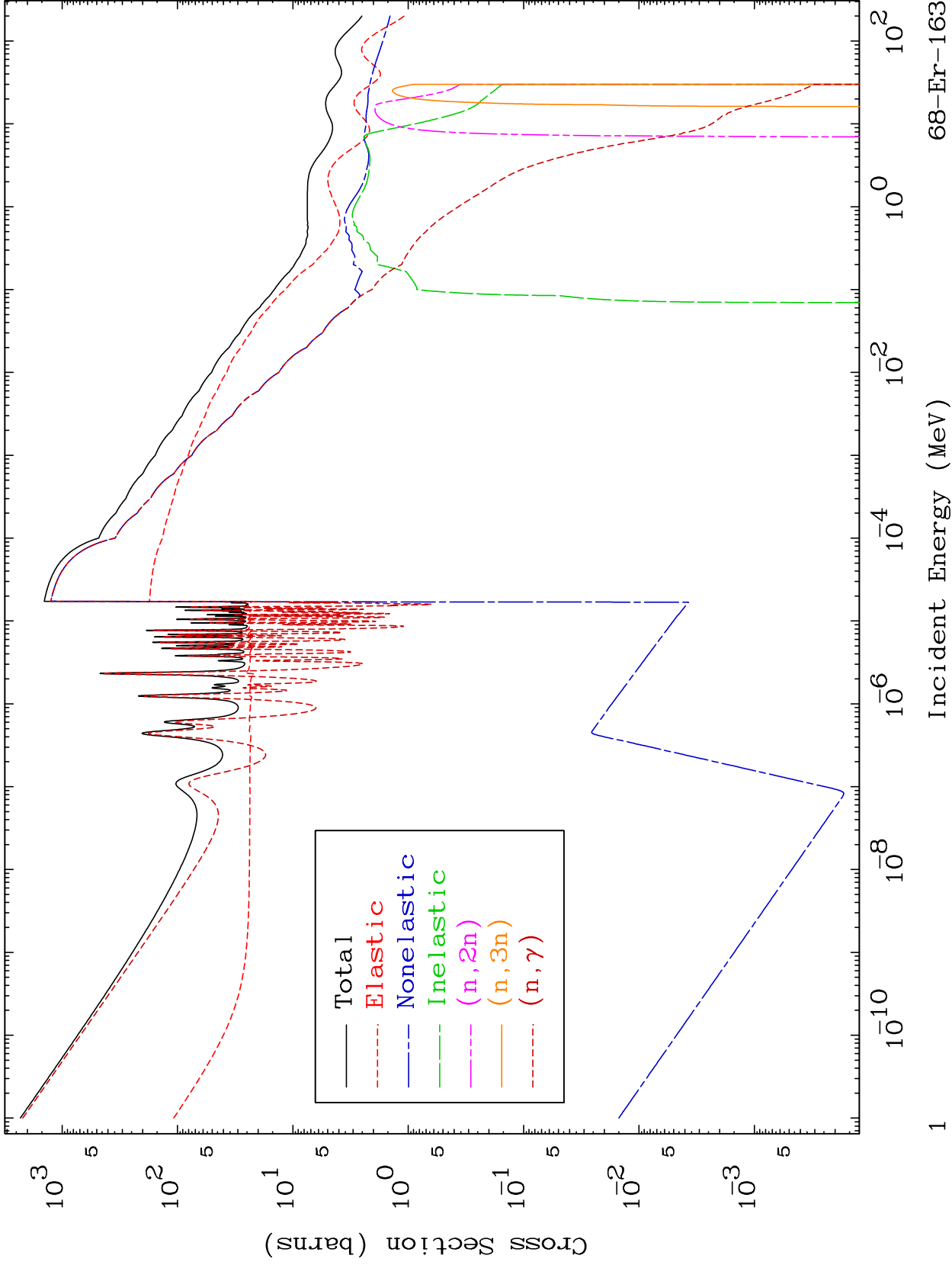
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Press Mouse Button to Start

MAT 6828

Neutron Major  
293 Kelvin Cross Sections

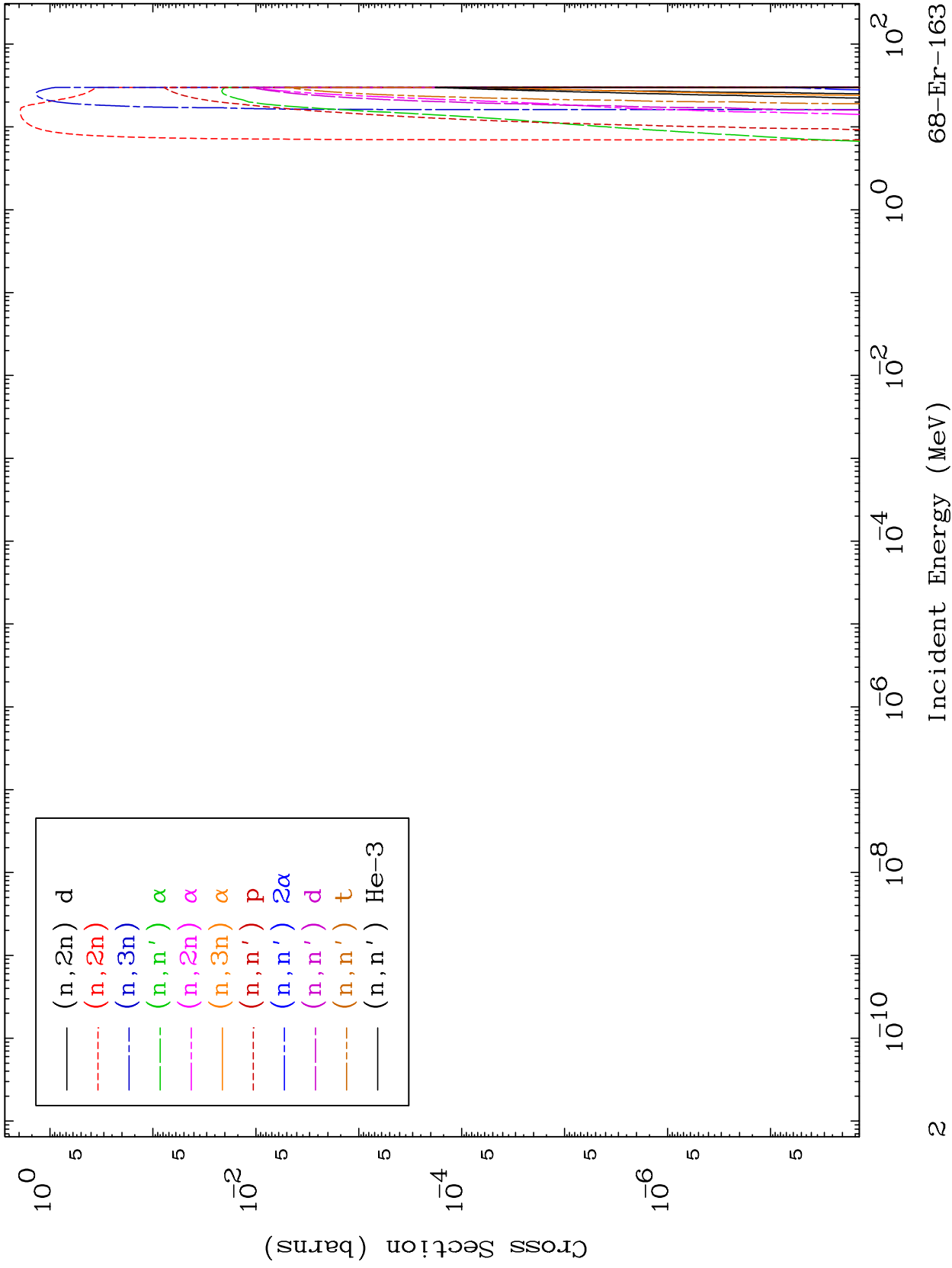
68-Er-163

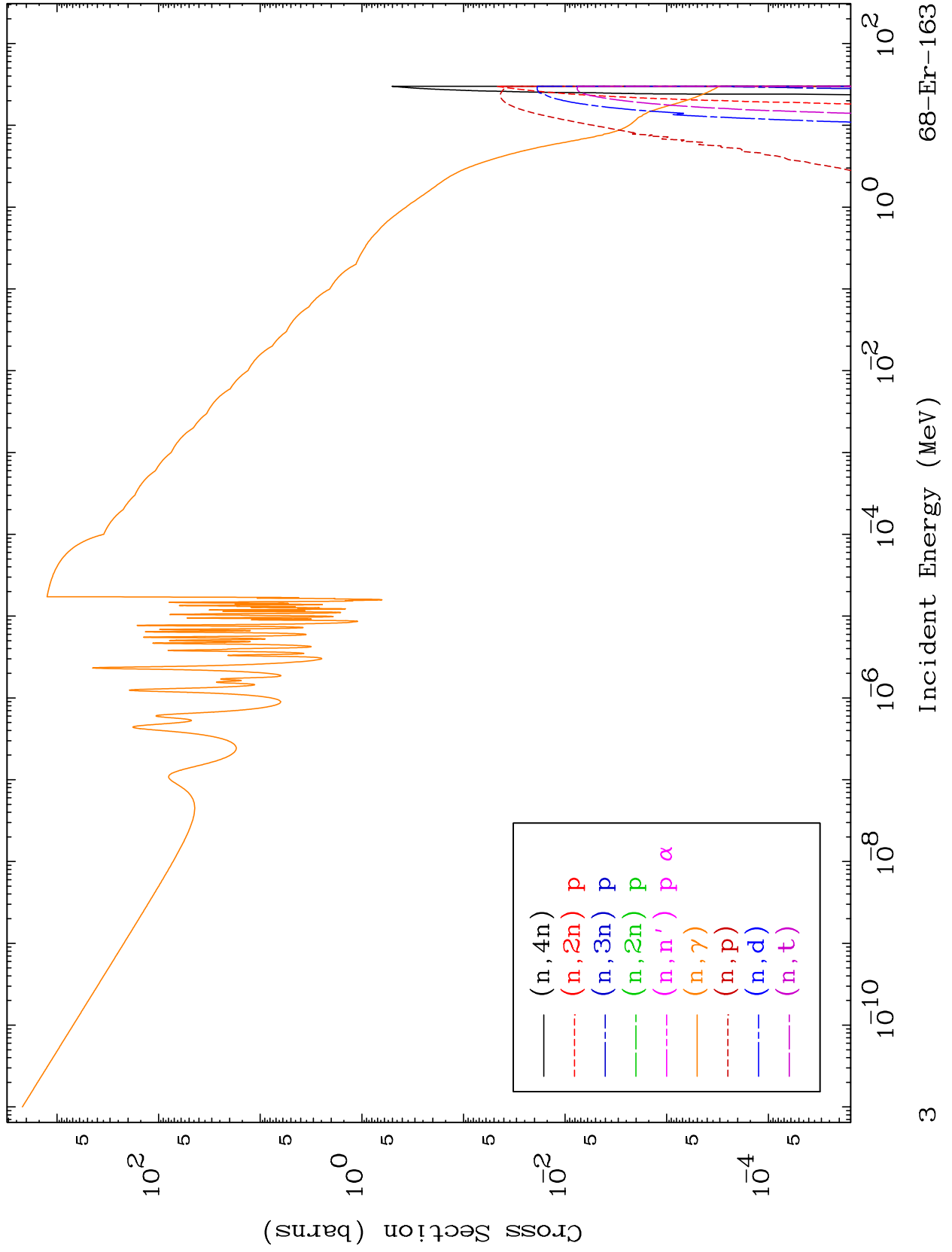


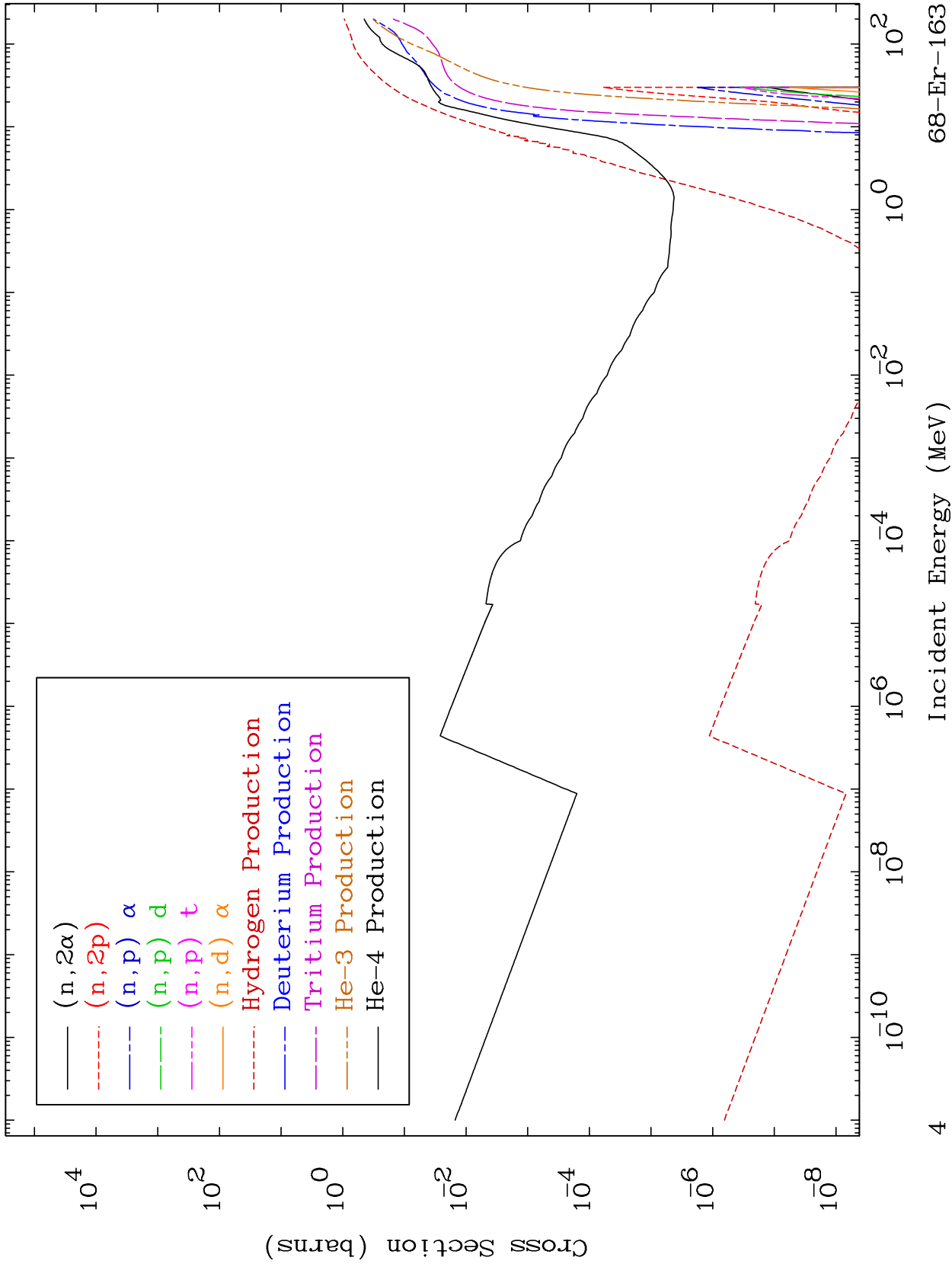
MAT 6828

Neutron Absorption  
293 Kelvin Cross Sections

68-Er-163



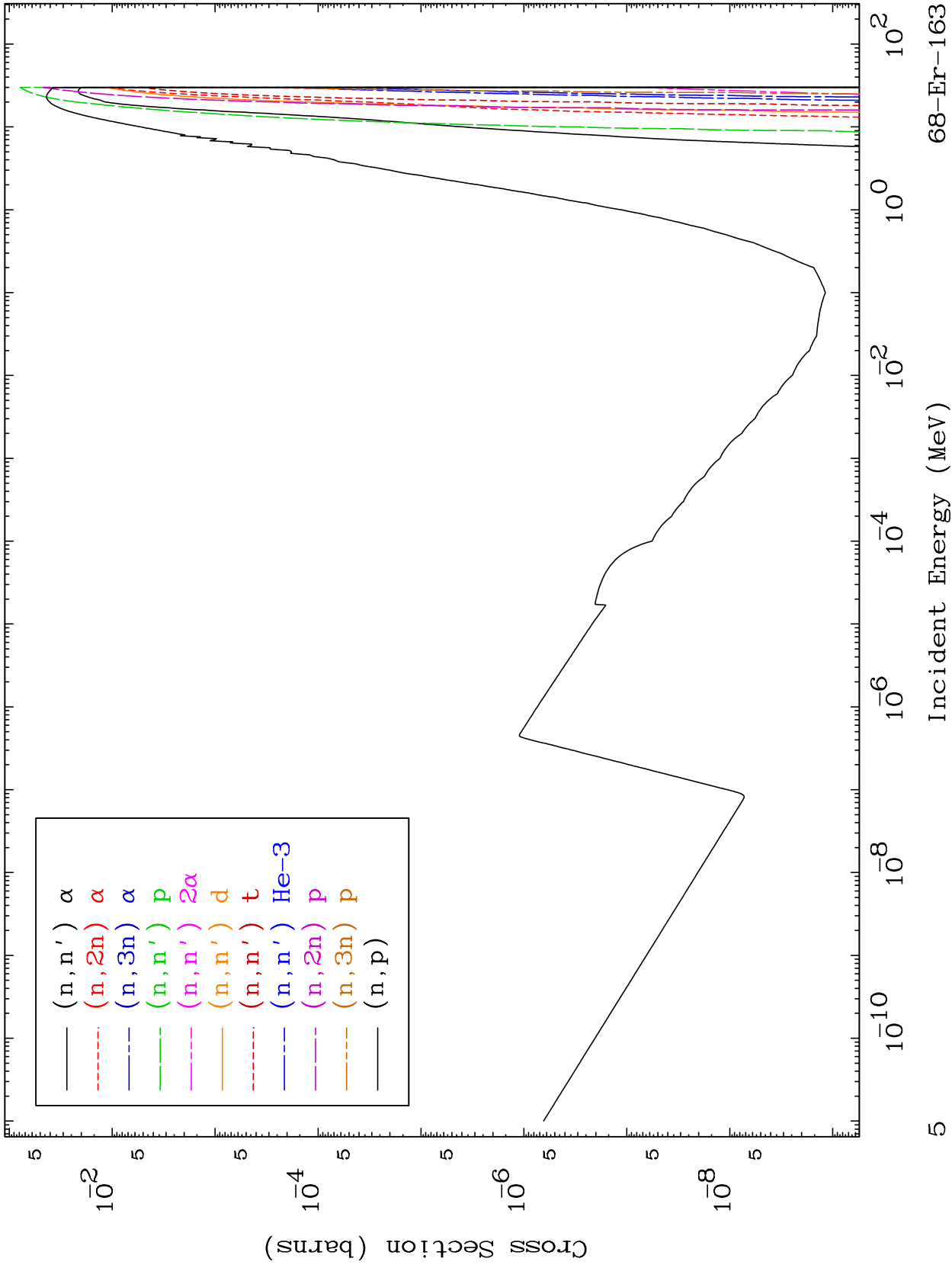




MAT 6828

Charged Particle  
293 Kelvin Cross Sections

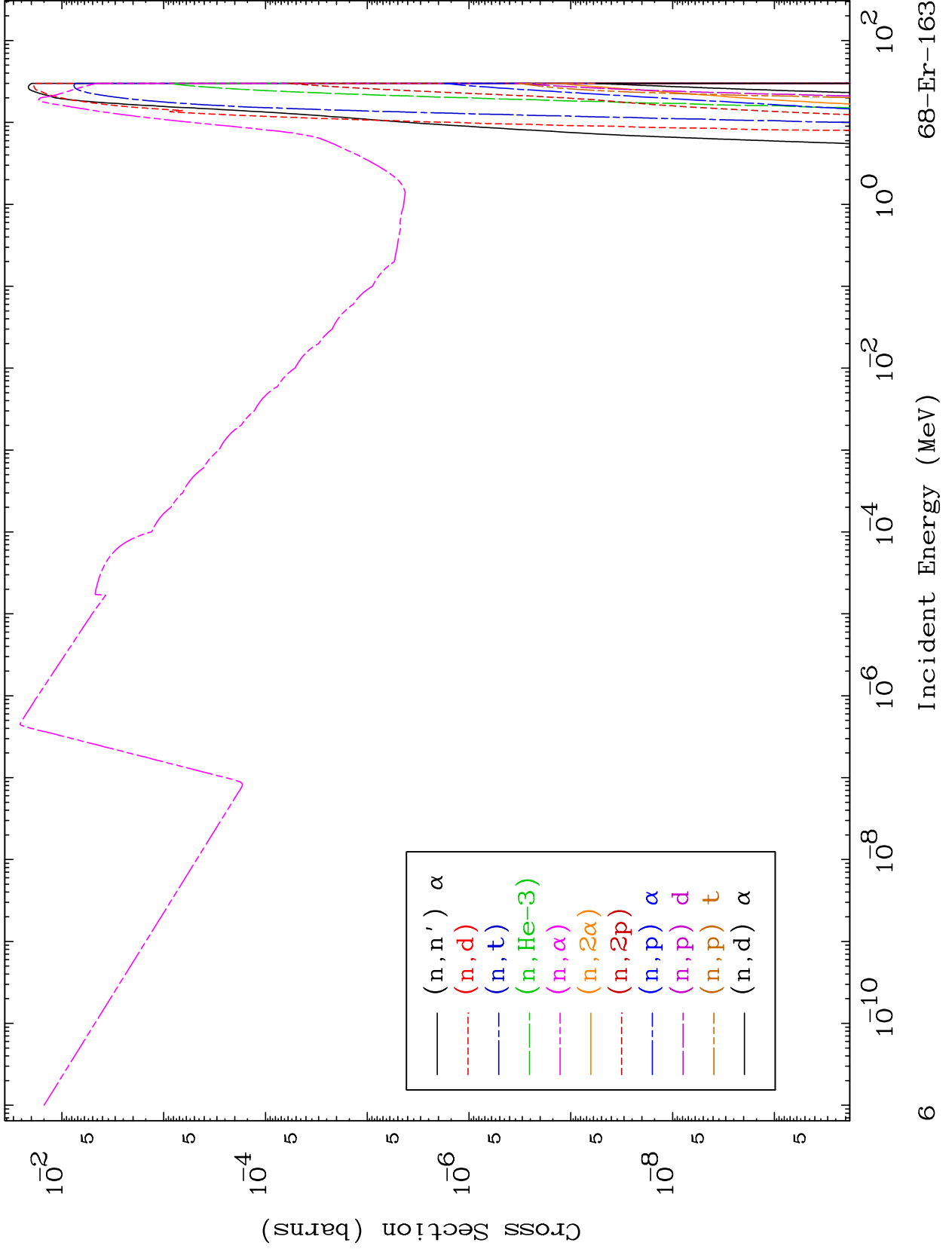
68-Er-163



MAT 6828

Charged Particle  
293 Kelvin Cross Sections

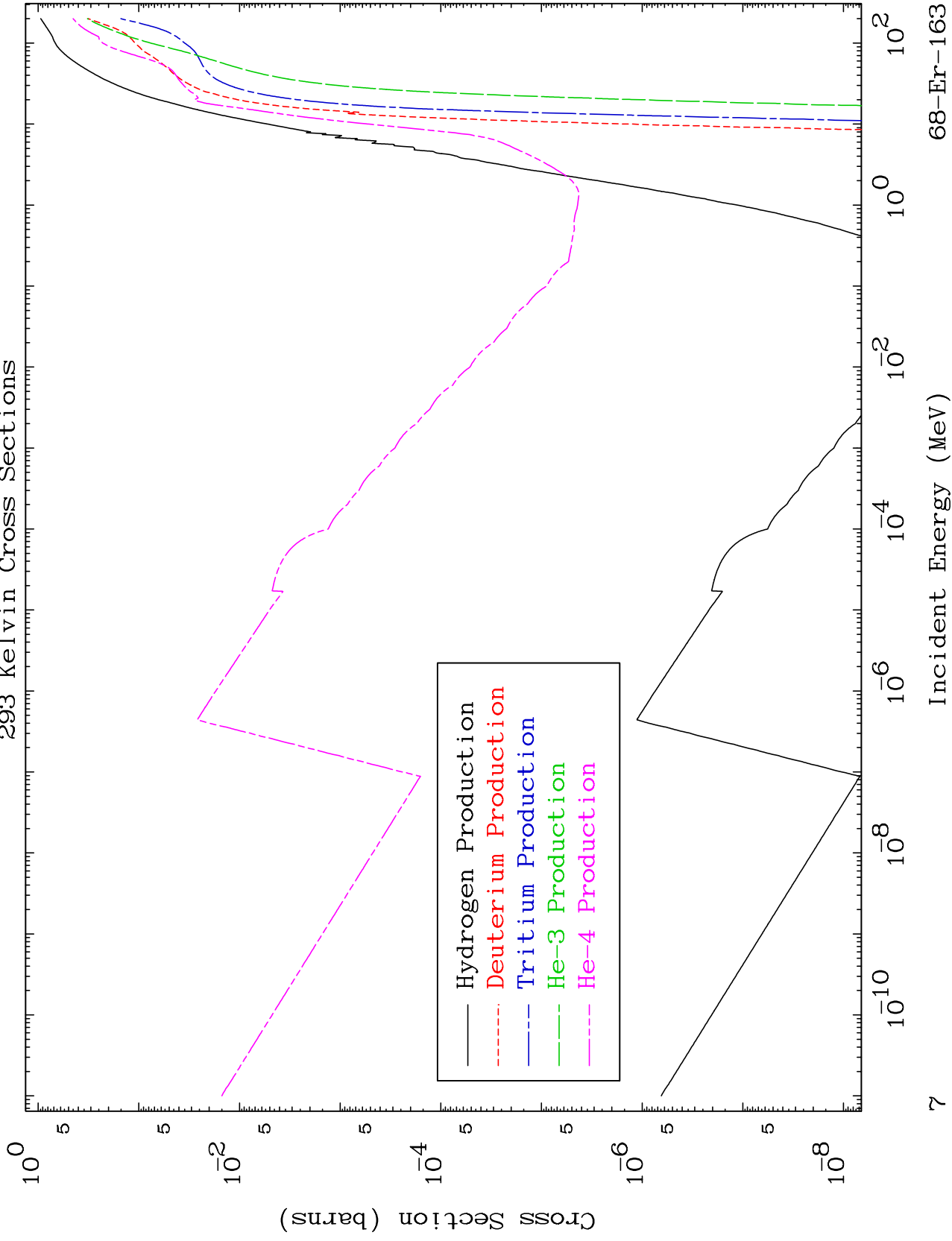
68-Er-163



MAT 6828

Particle Production  
293 Kelvin Cross Sections

68-Er-163



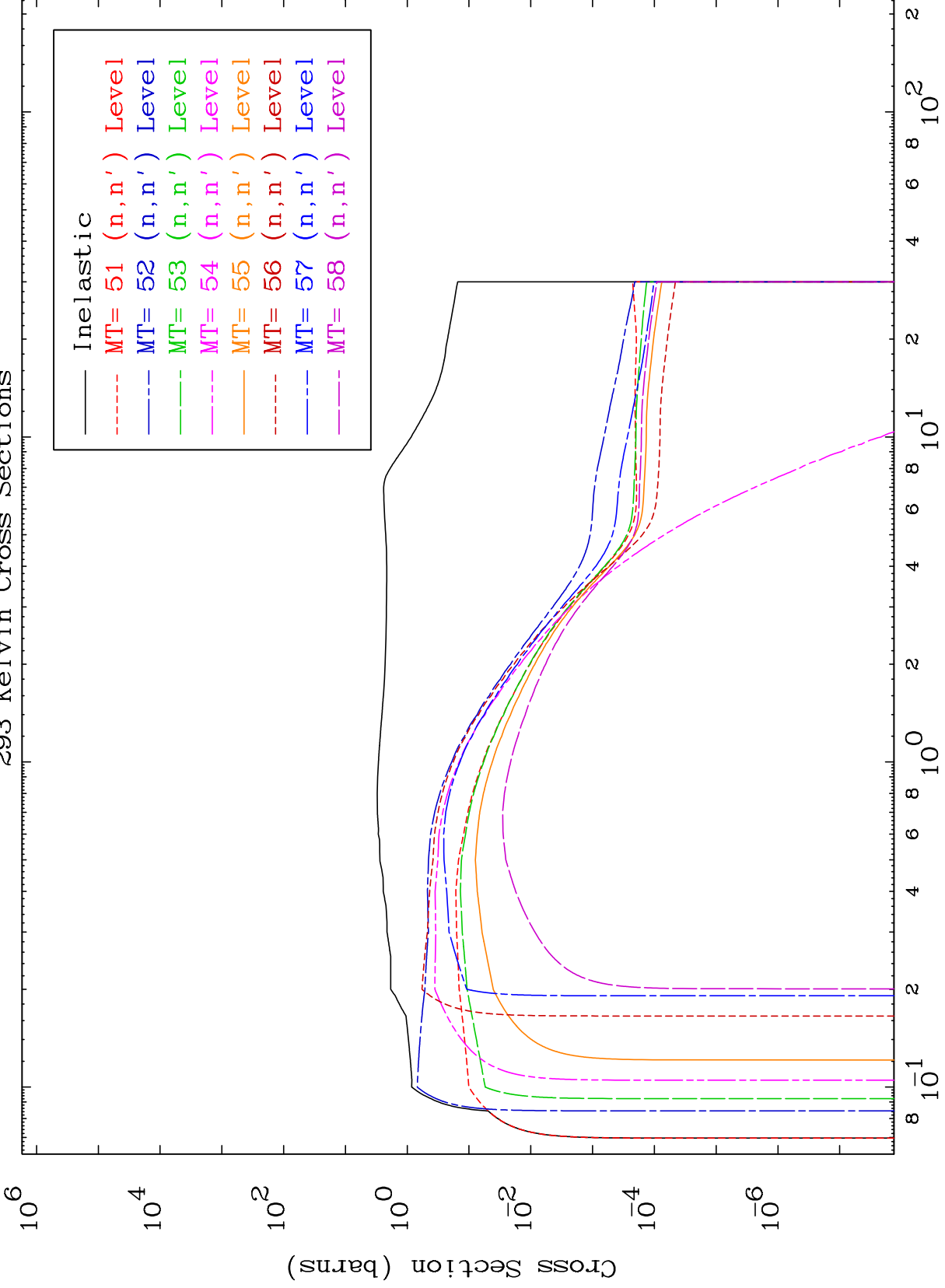


MAT 6828

(n,n') Levels

68-Er-163

293 Kelvin Cross Sections



8

Incident Energy (MeV)

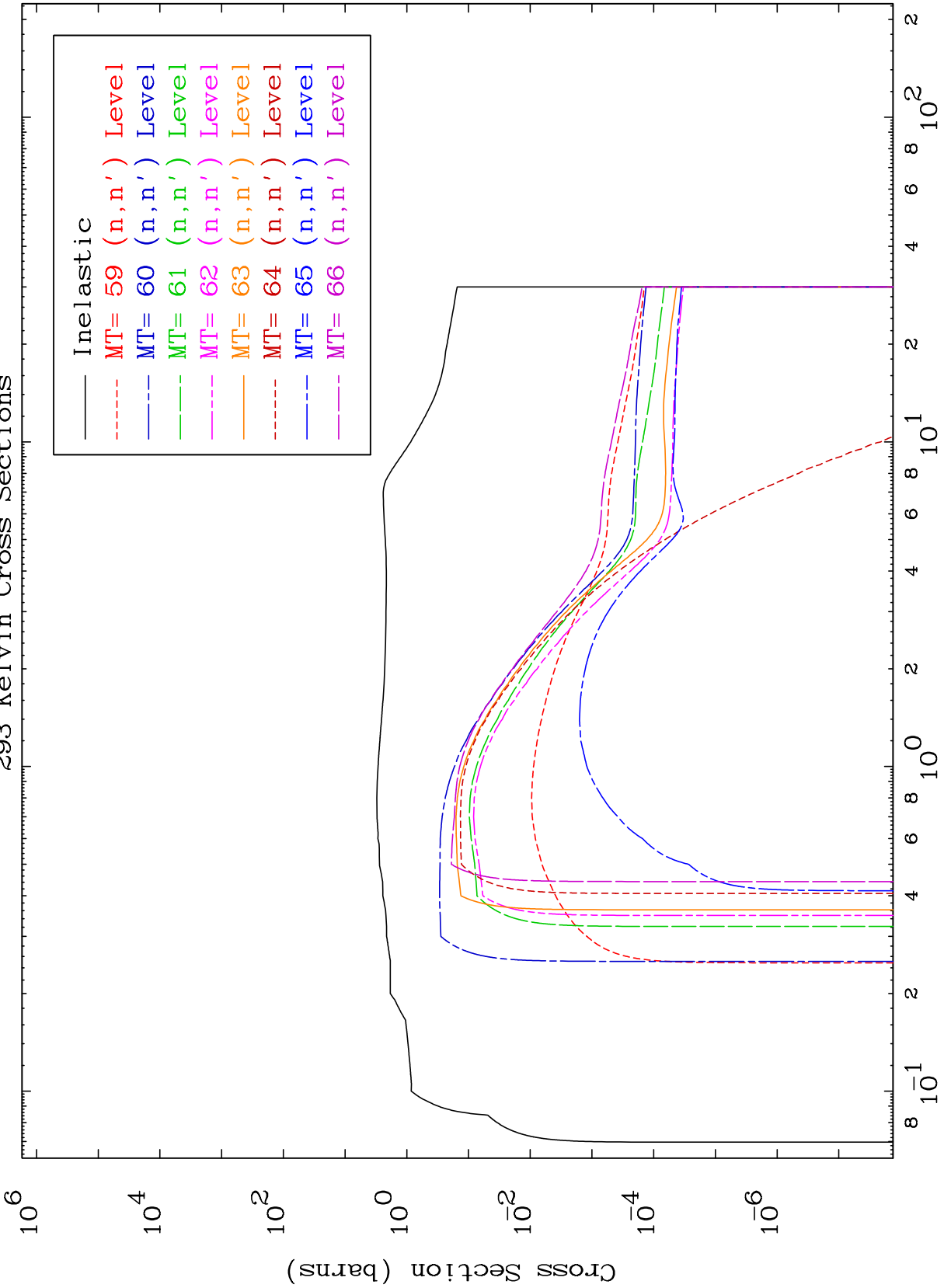
68-Er-163

MAT 6828

(n,n') Levels

68-Er-163

293 Kelvin Cross Sections

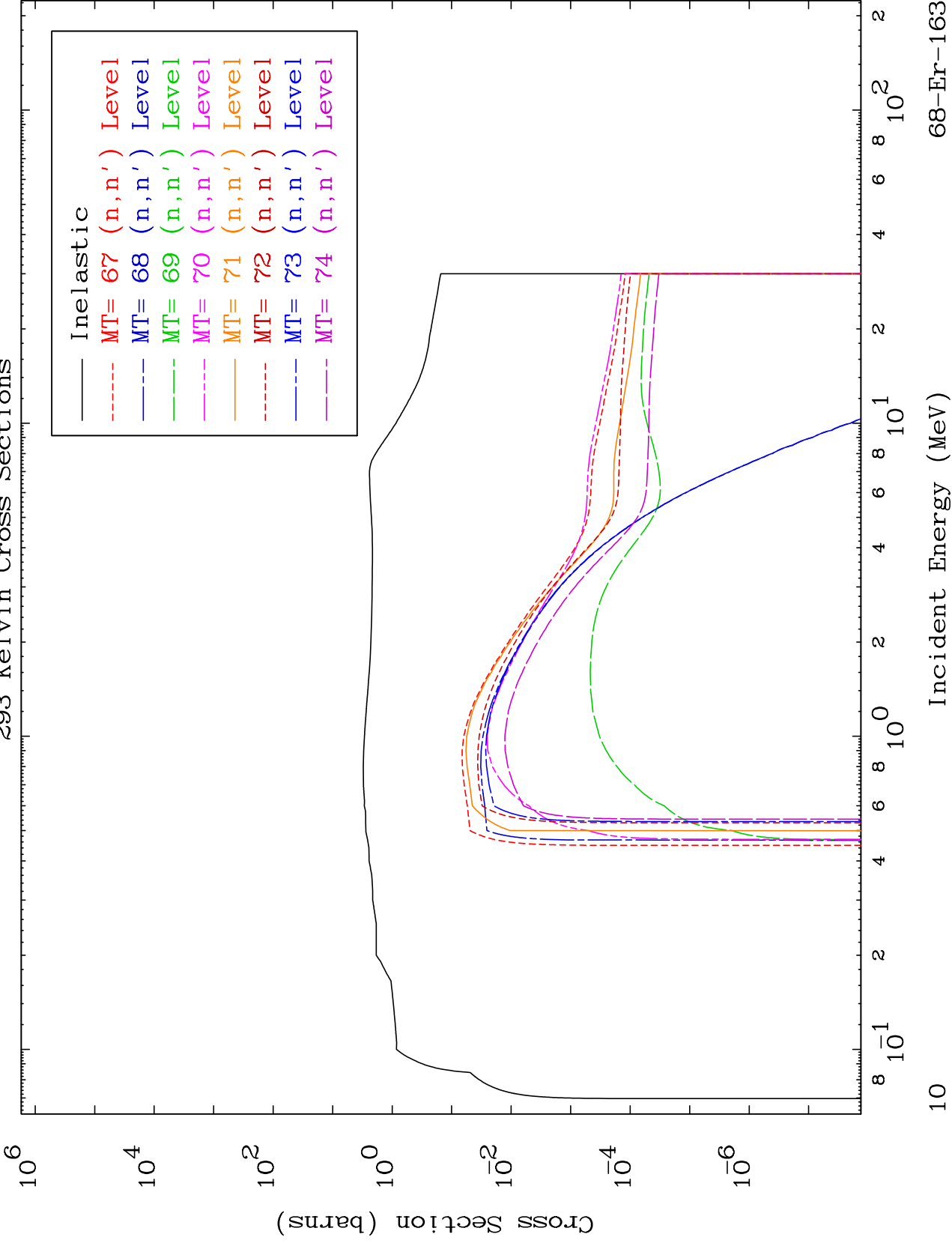


MAT 6828

(n,n') Levels

68-Er-163

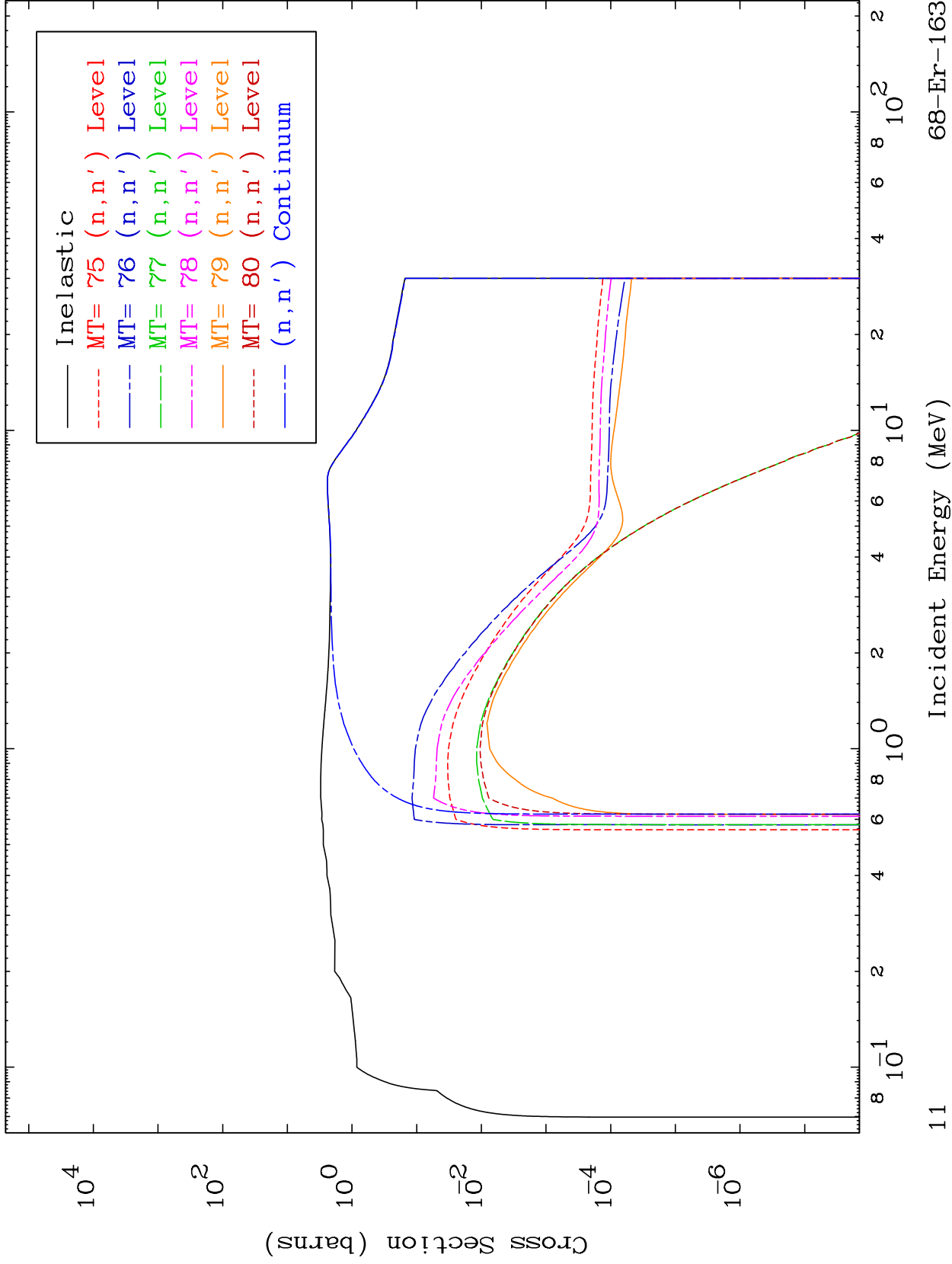
293 Kelvin Cross Sections



10

Incident Energy (MeV)

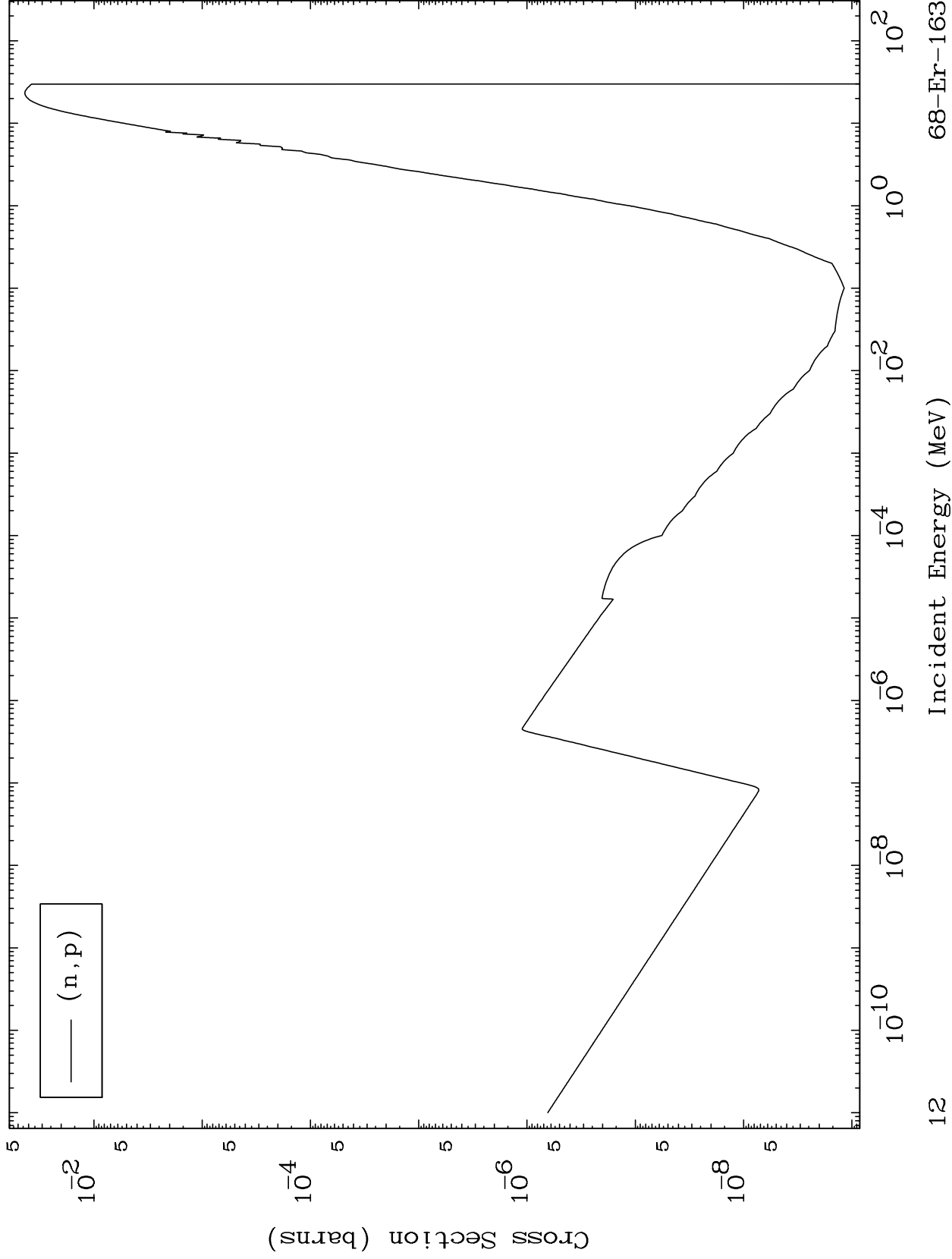
68-Er-163



MAT 6828

(n,p) Levels  
293 Kelvin Cross Sections

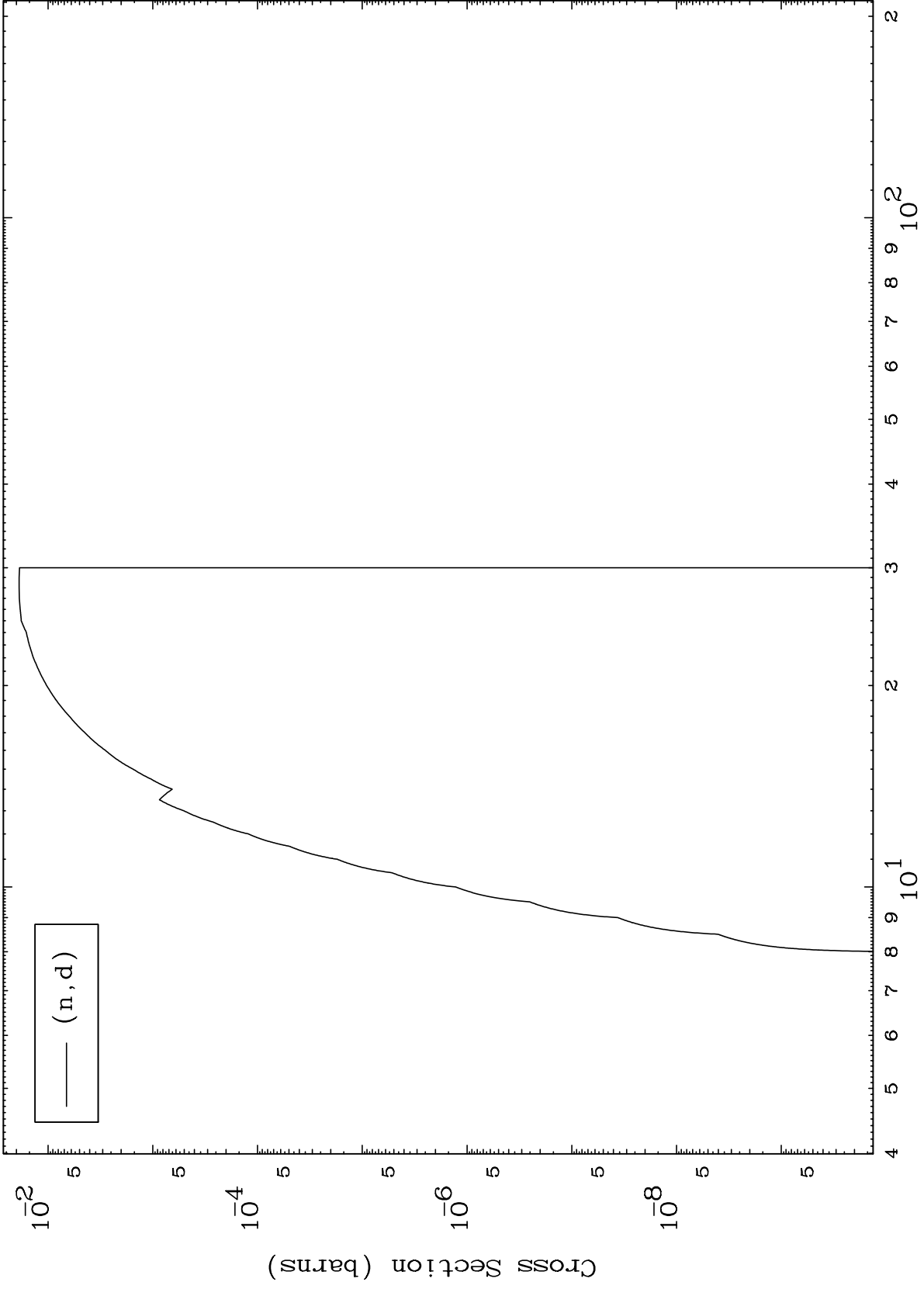
68-Er-163



MAT 6828

(n,d) Levels  
293 Kelvin Cross Sections

68-Er-163



13

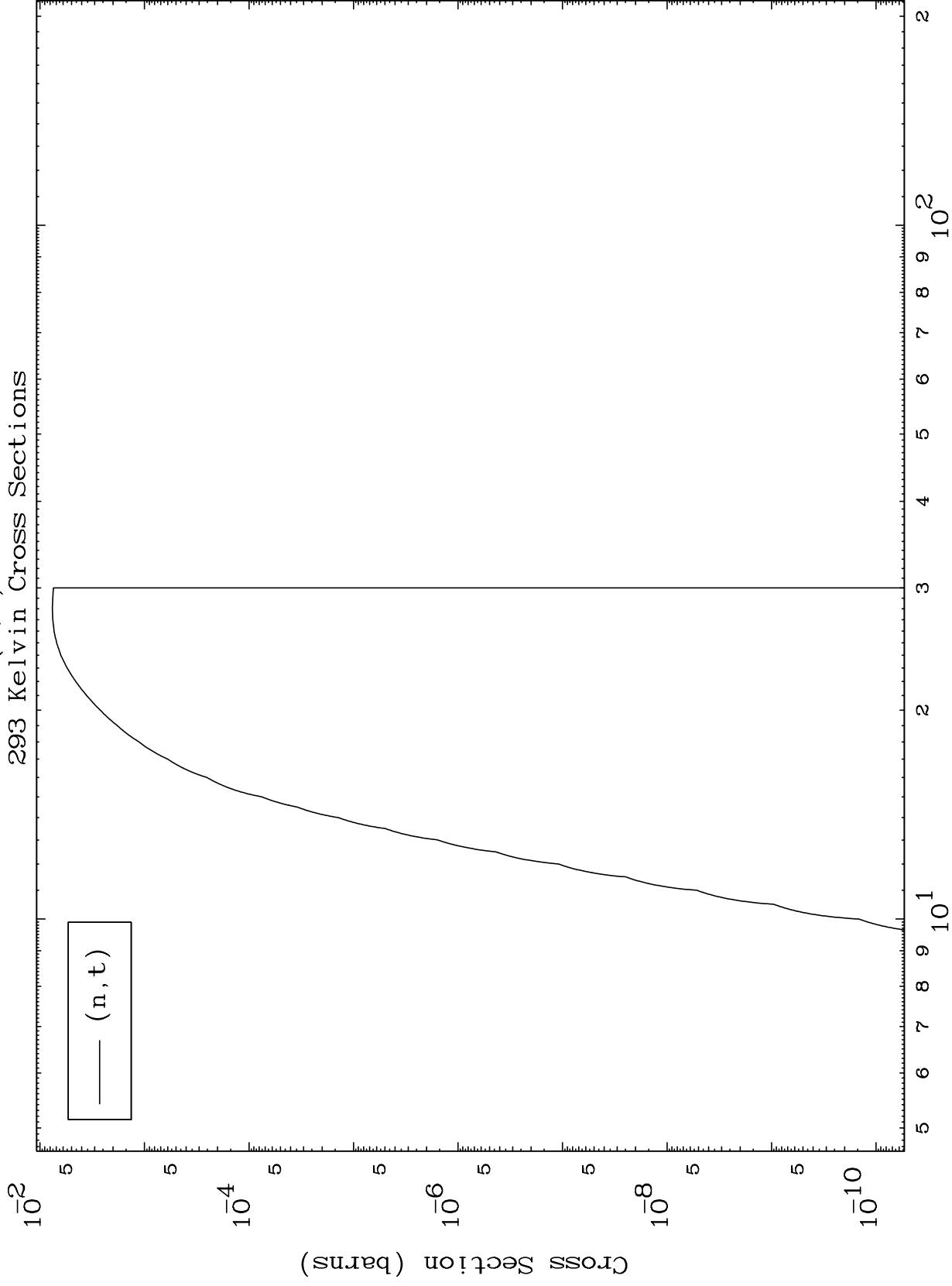
Incident Energy (MeV)

68-Er-163

MAT 6828

(n,t) Levels  
293 Kelvin Cross Sections

68-Er-163



14

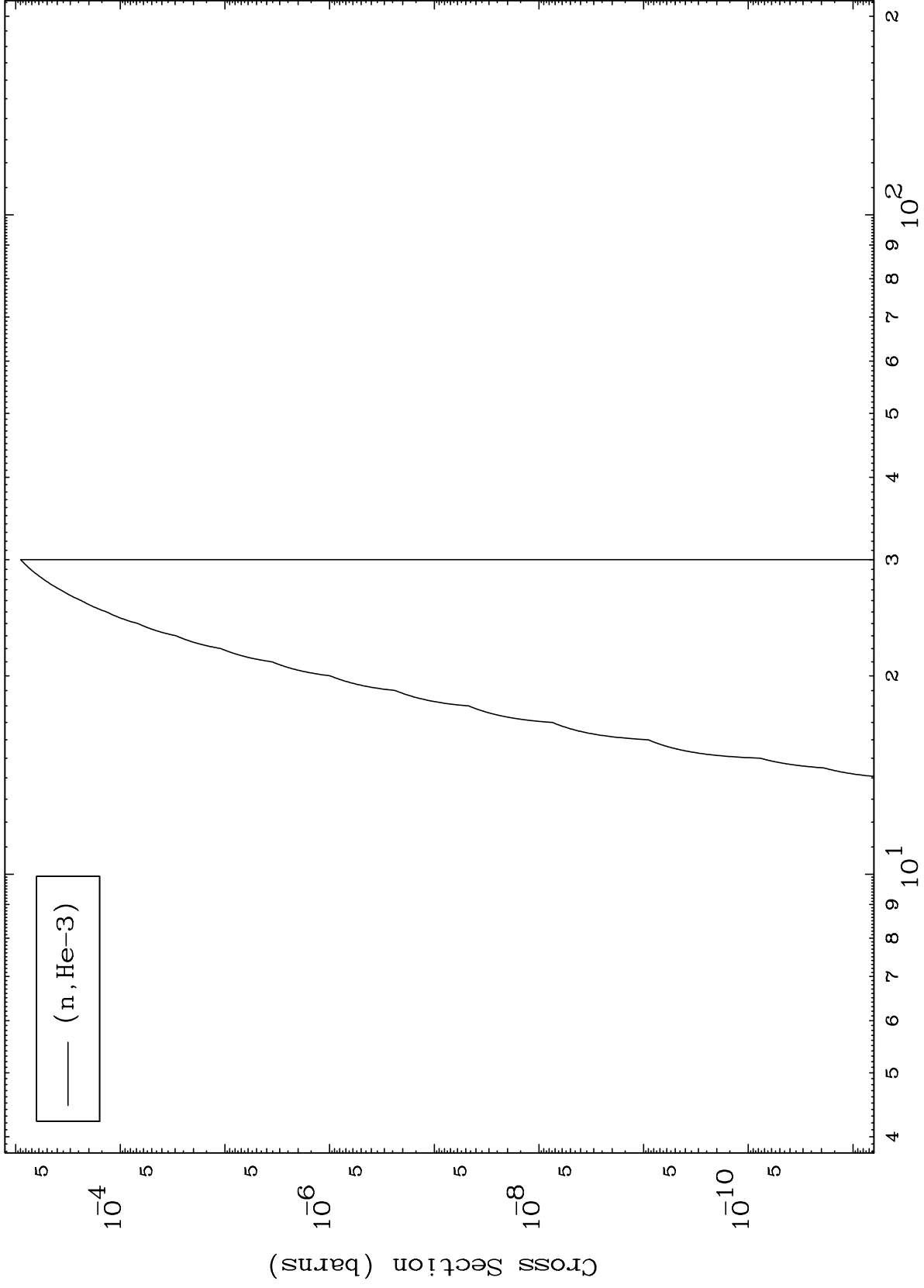
Incident Energy (MeV)

68-Er-163

MAT 6828

(n,He3) Levels  
293 Kelvin Cross Sections

68-Er-163



15

Incident Energy (MeV)

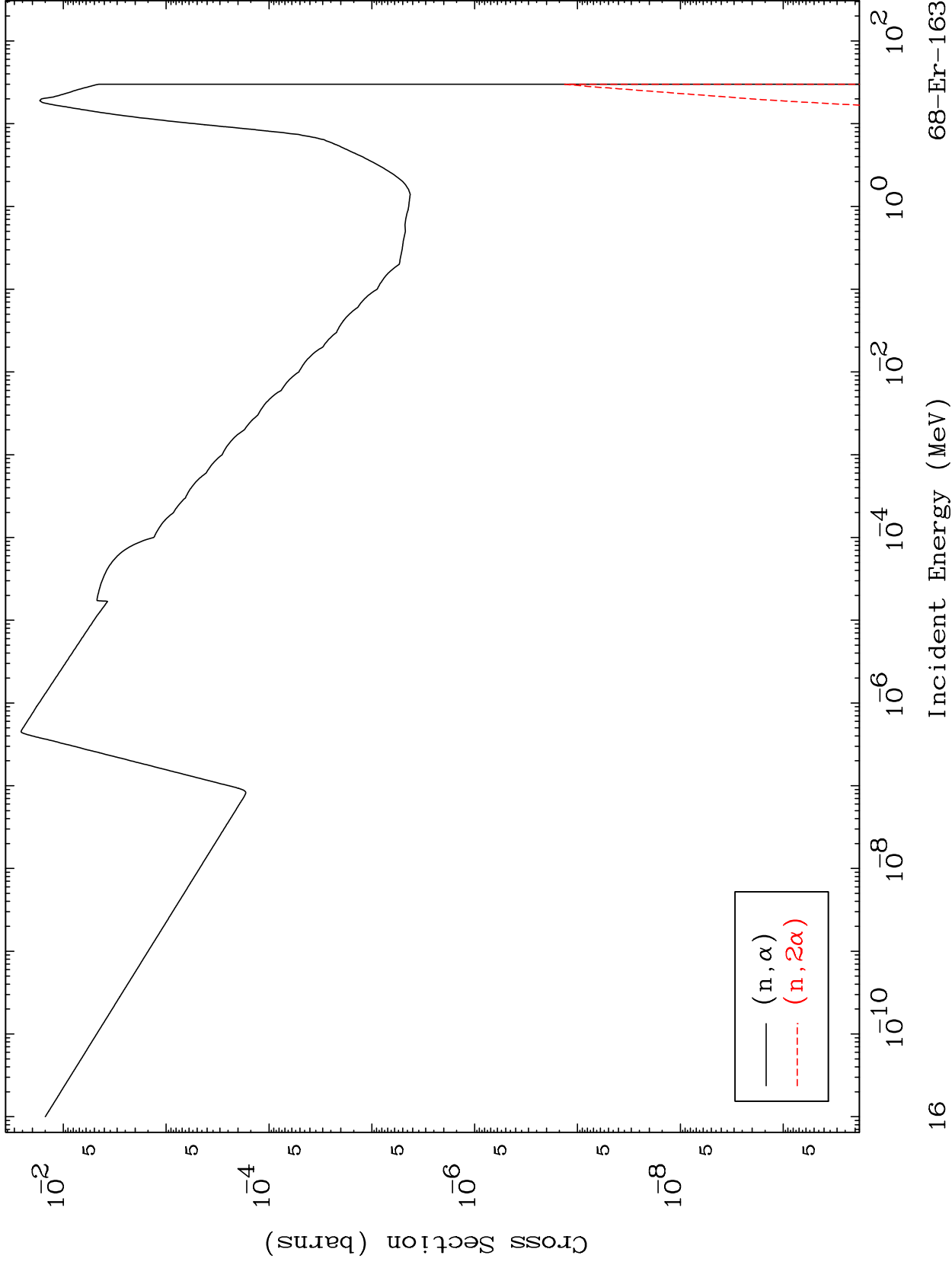
68-Er-163



MAT 6828

(n,α) Levels  
293 Kelvin Cross Sections

68-Er-163



16

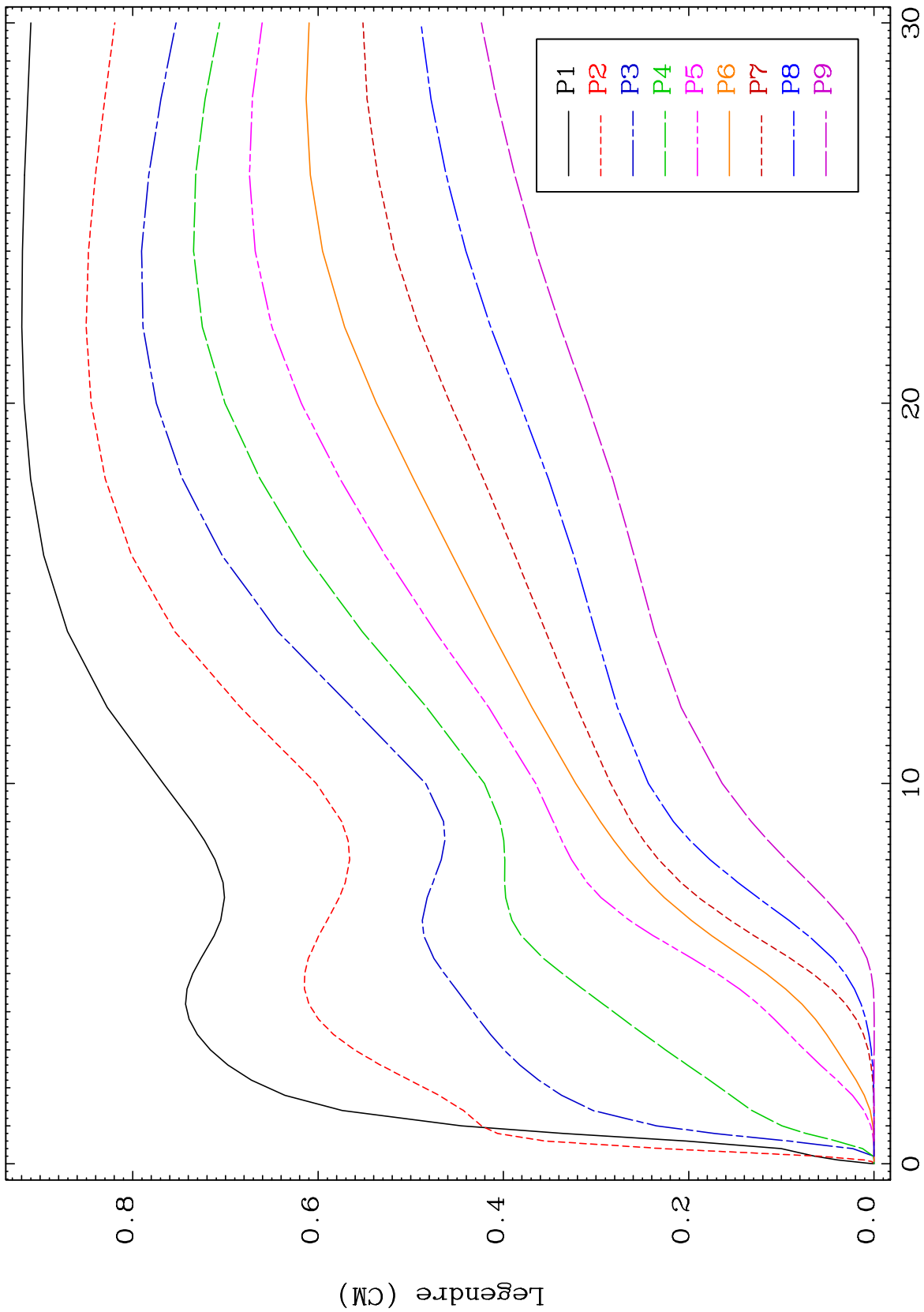
Incident Energy (MeV)

68-Er-163

MAT 6828

68-Er-163

Elastic Legendre Coefficients



17

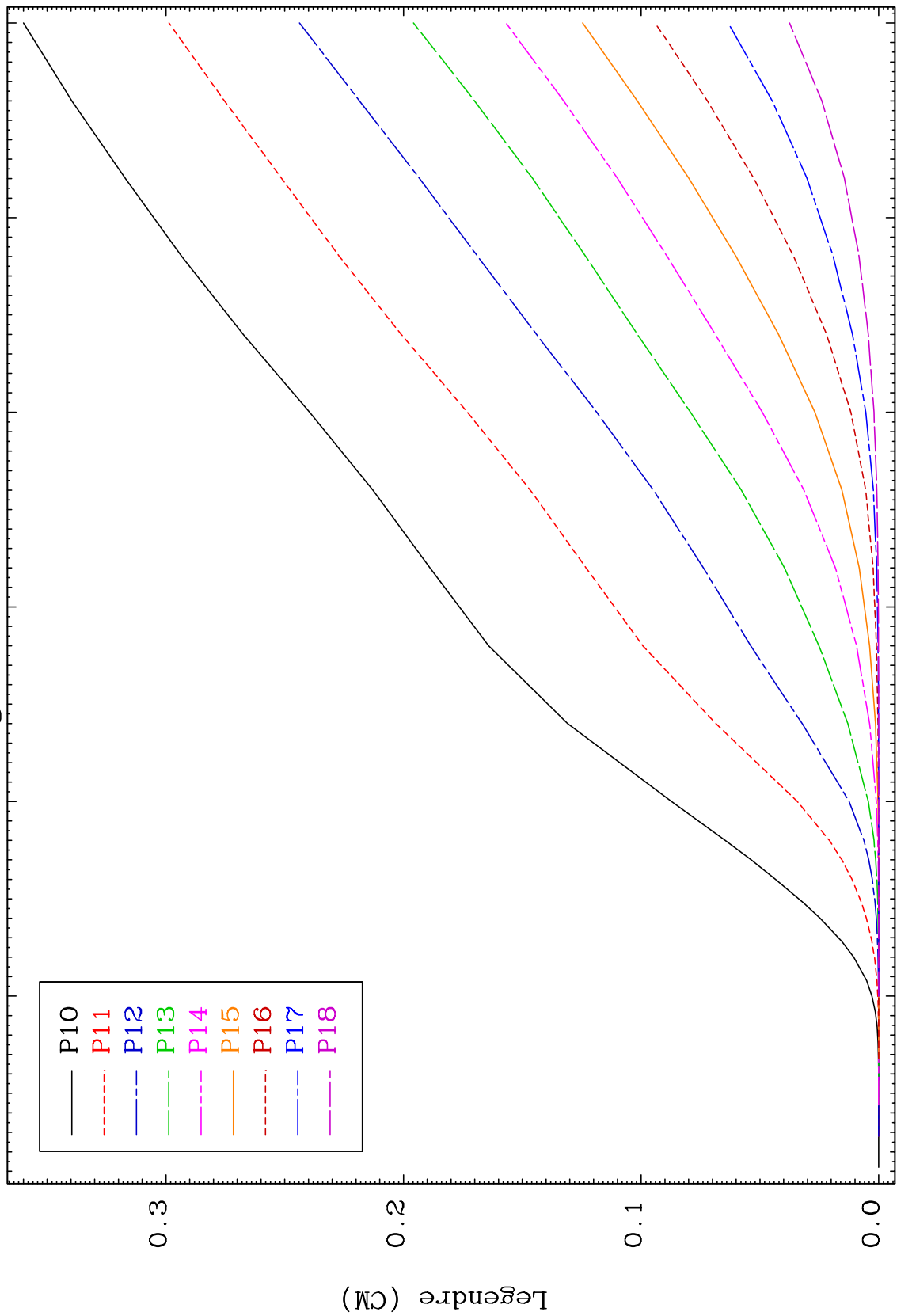
Incident Energy (MeV)

68-Er-163

MAT 6828

Elastic  
Legendre Coefficients

68-Er-163



18

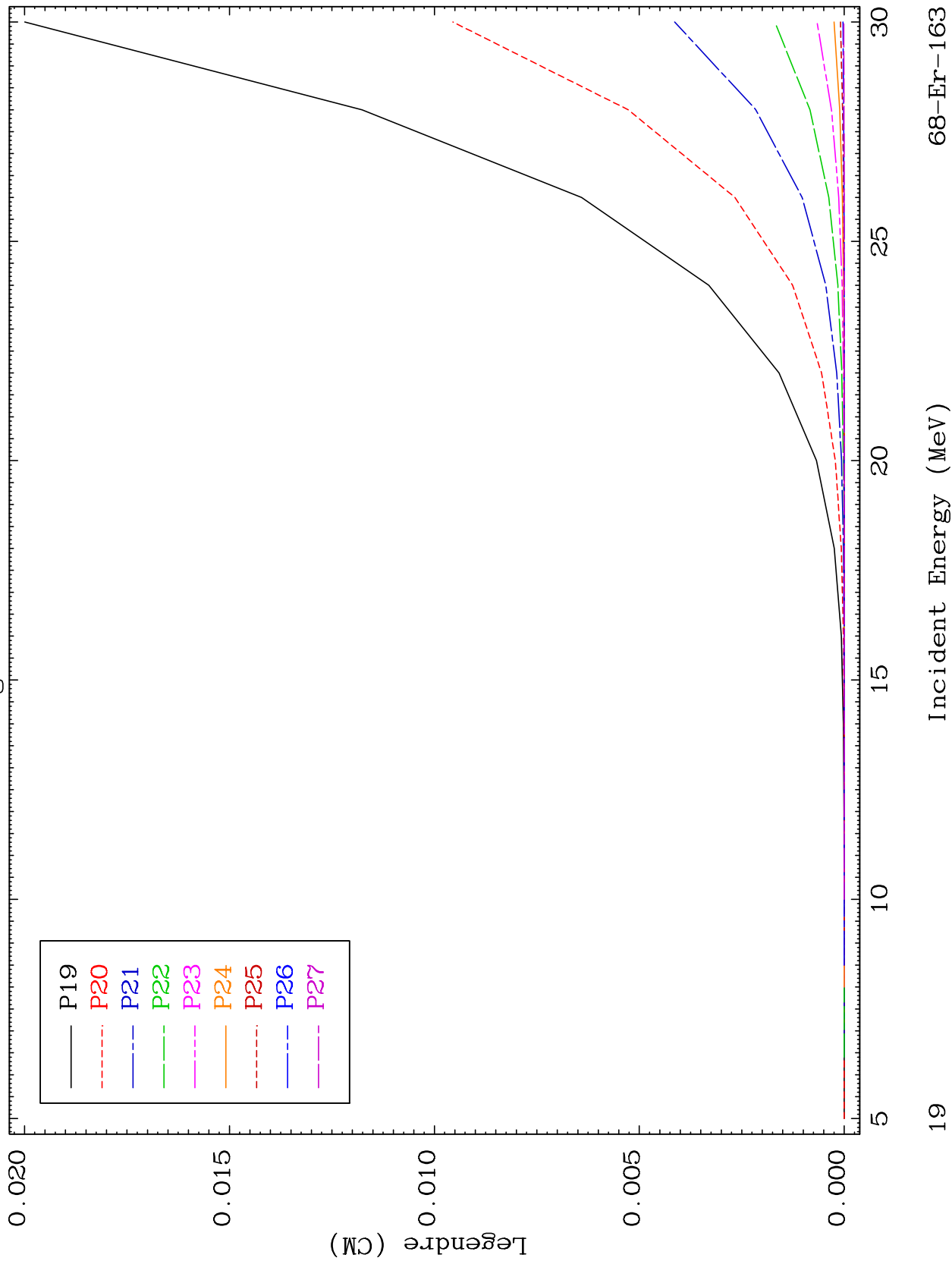
Incident Energy (MeV)

68-Er-163

MAT 6828

Elastic  
Legendre Coefficients

68-Er-163



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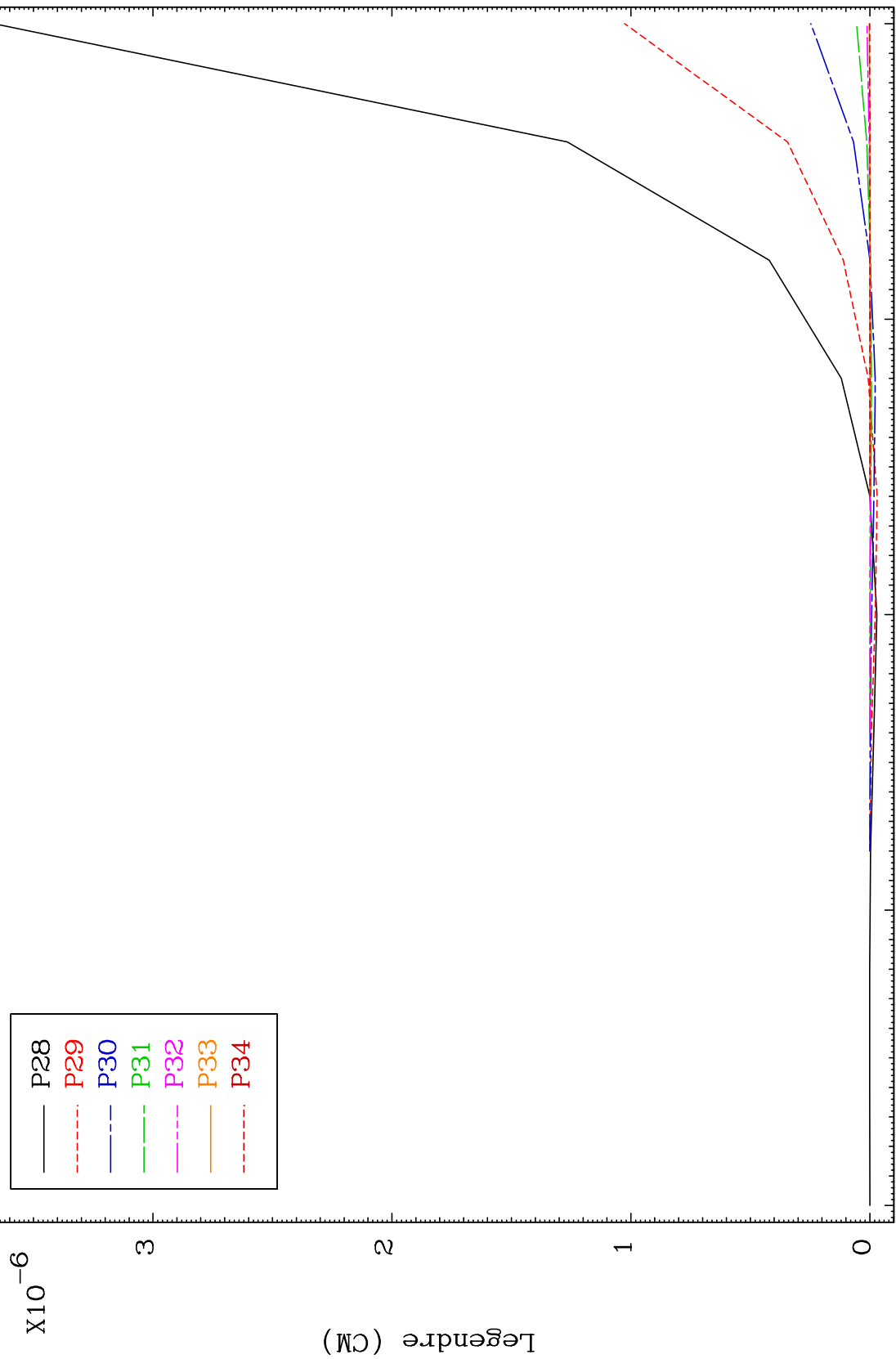
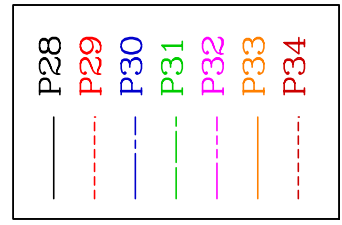
Incident Energy (MeV)

68-Er-163

MAT 6828

Elastic  
Legendre Coefficients

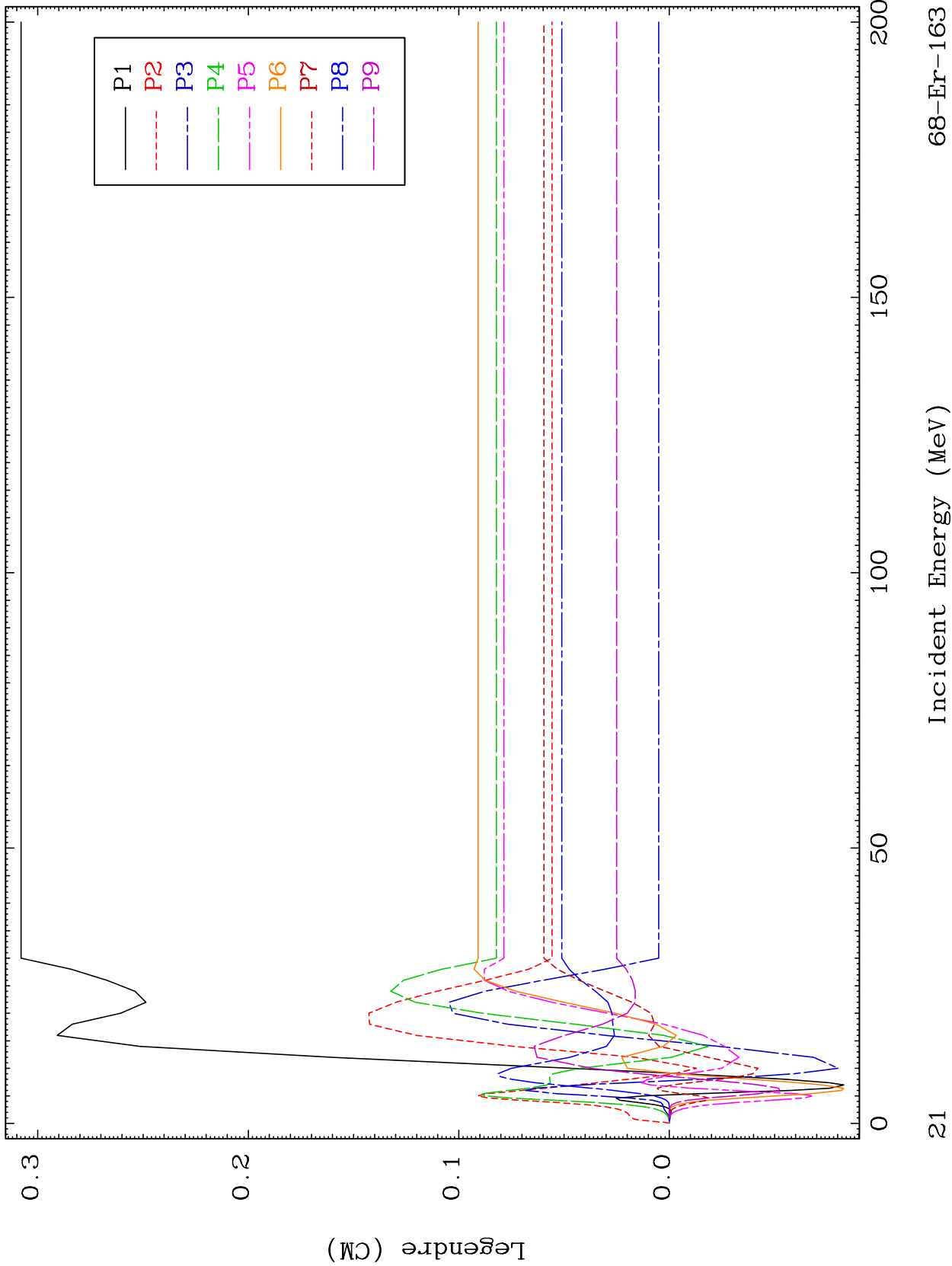
68-Er-163



68-Er-163

Incident Energy (MeV)

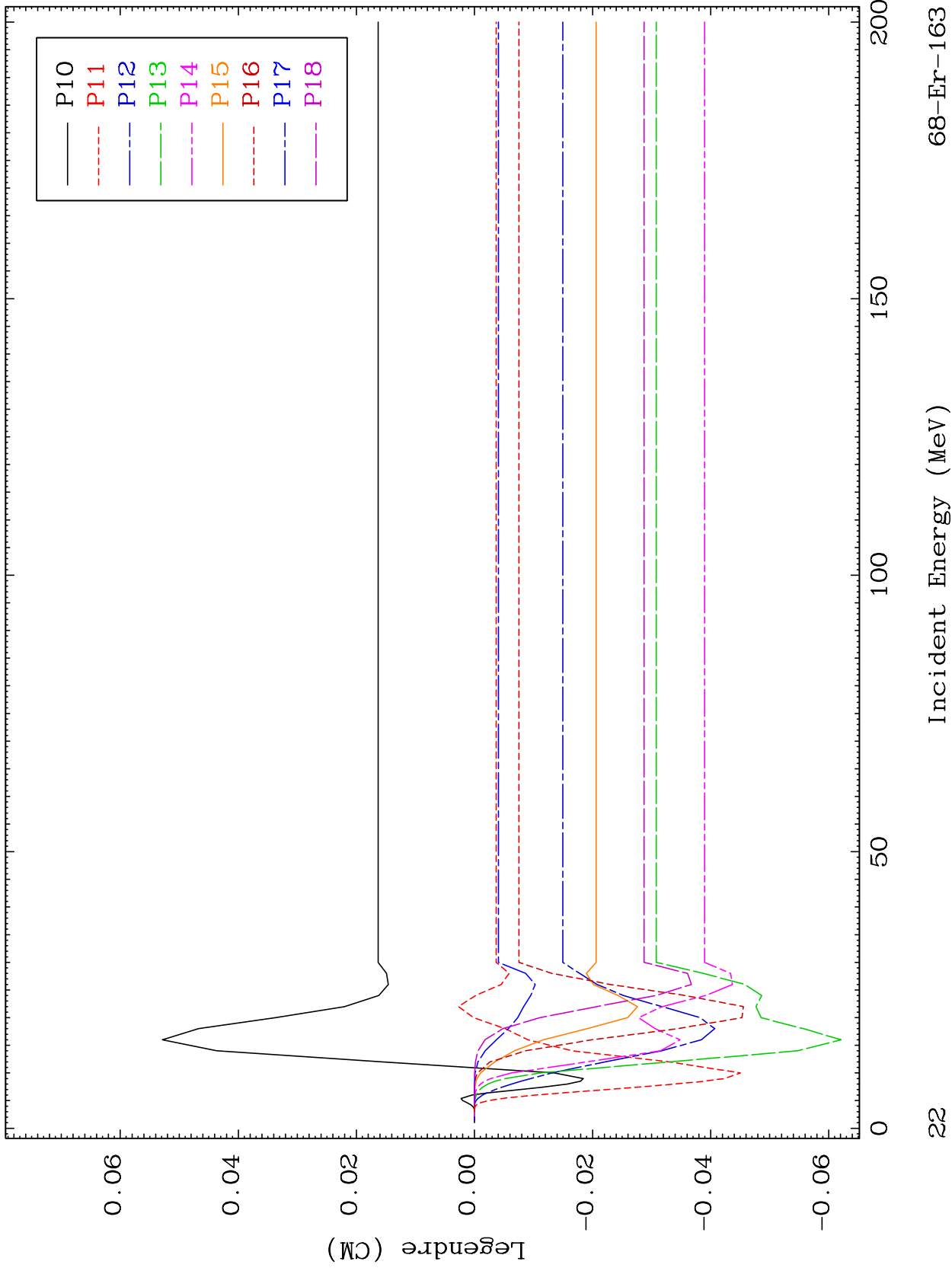
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MAT 6828

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

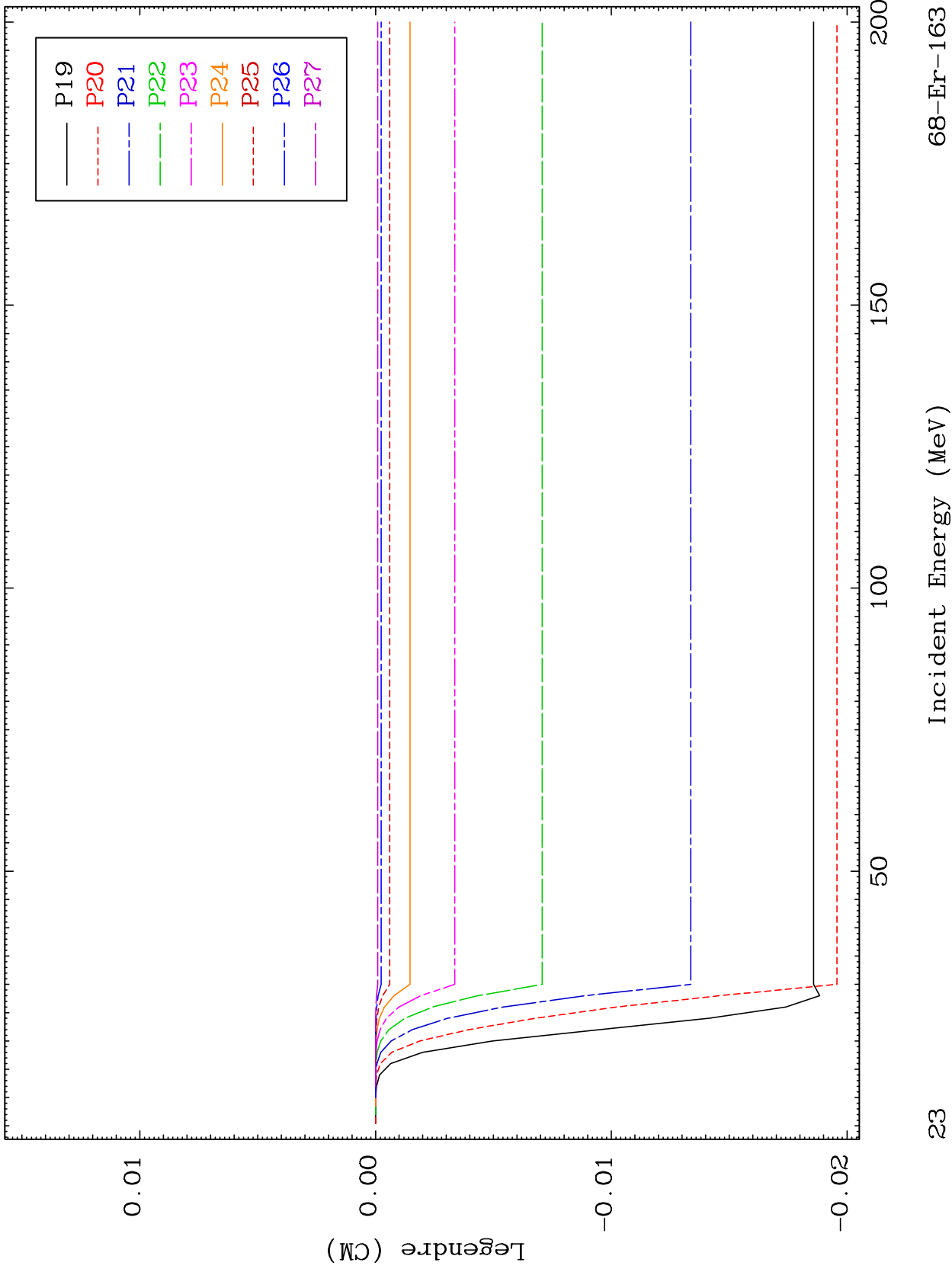
68-Er-163



68-Er-163

Incident Energy (MeV)

22

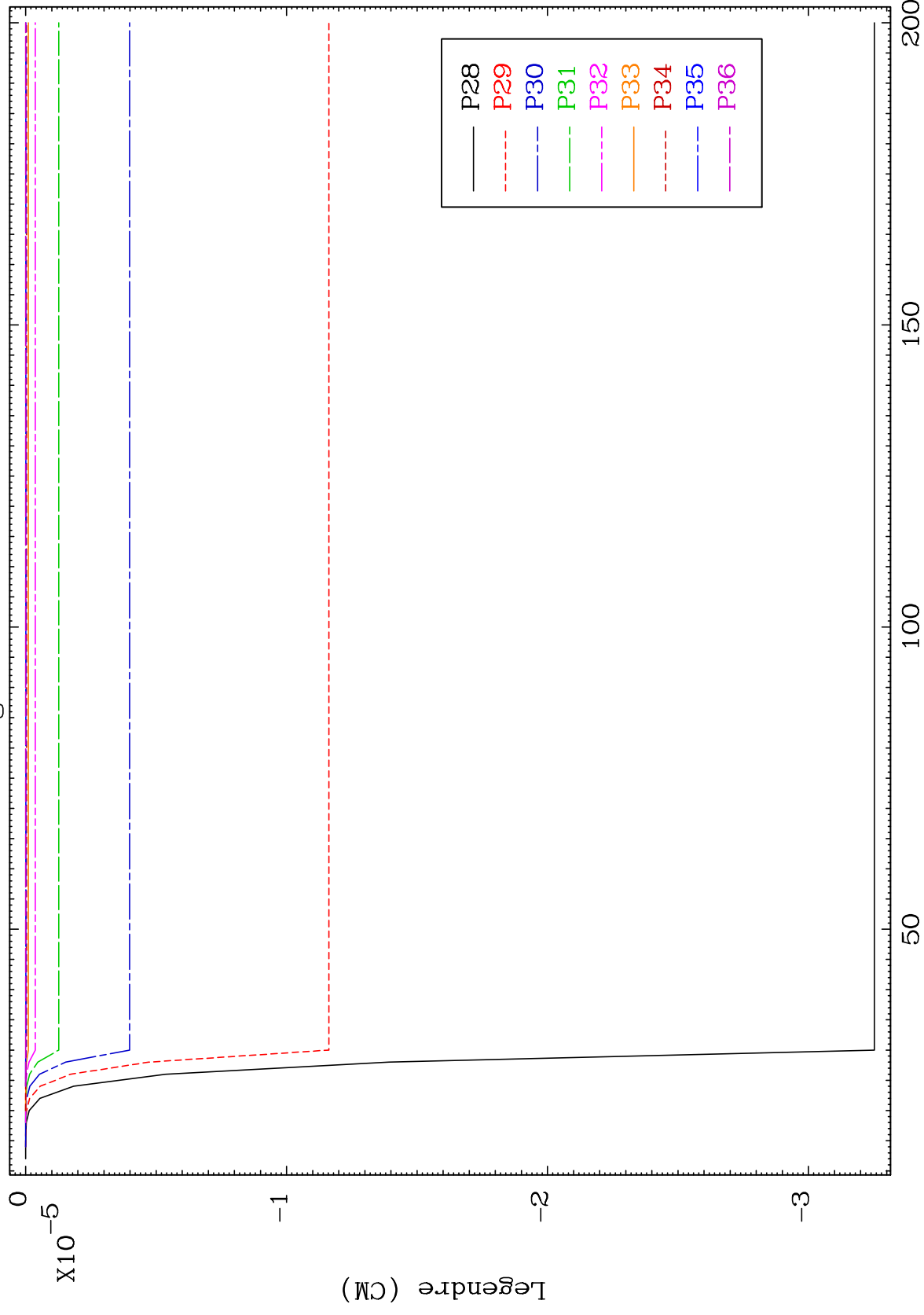




MAT 6828

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

68-Er-163



24

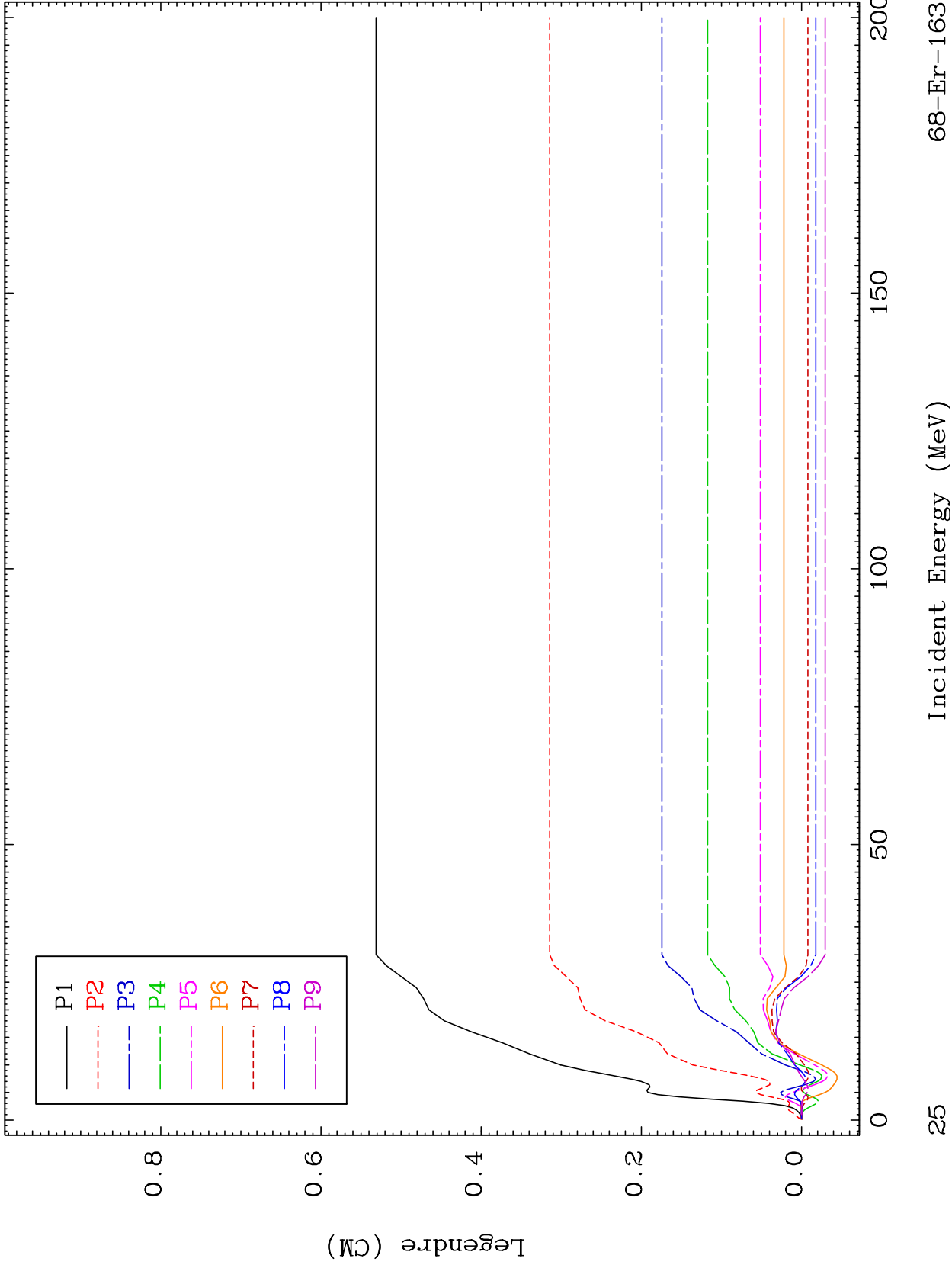
Incident Energy (MeV)

68-Er-163

MAT 6828

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

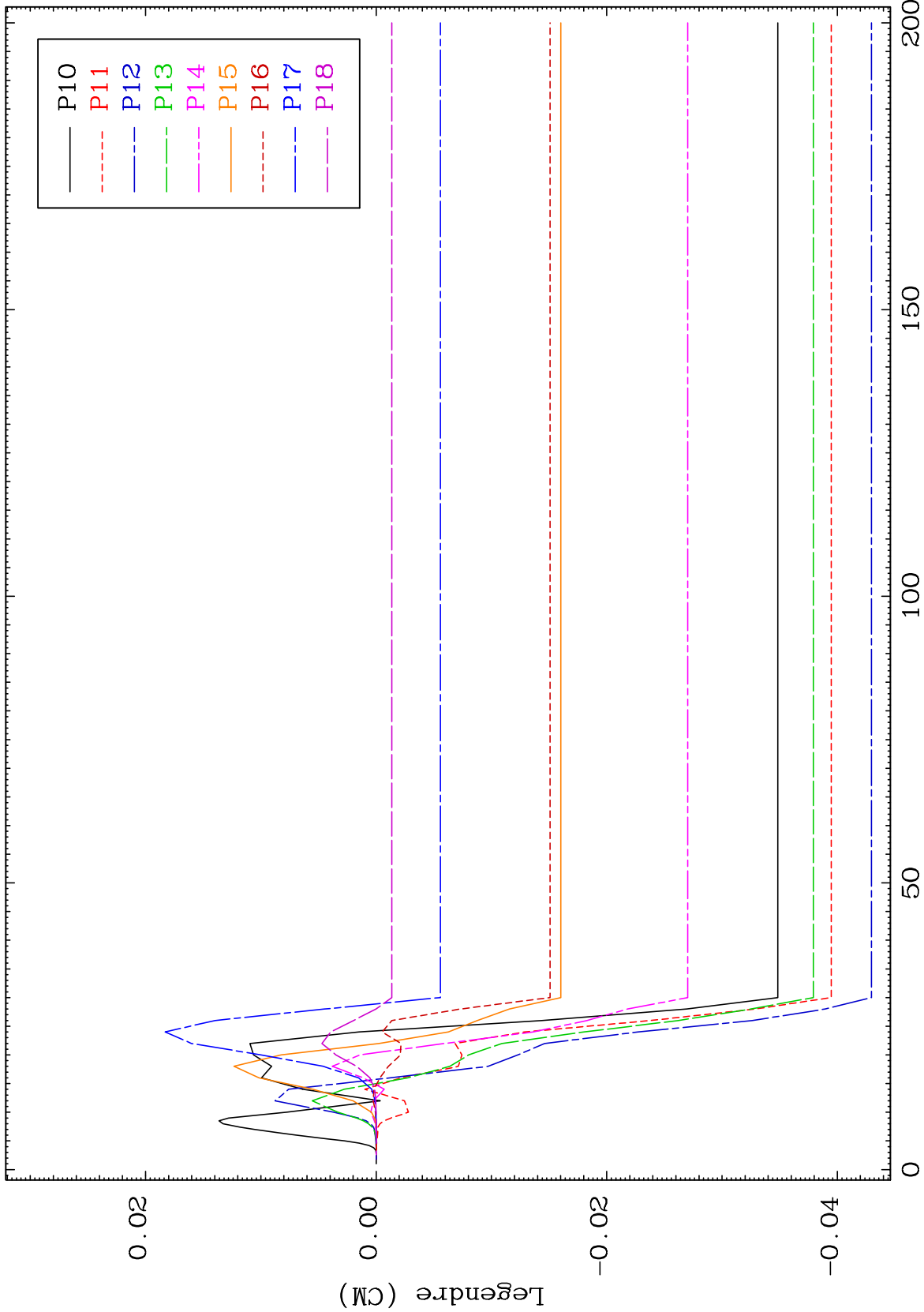
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MAT 6828

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

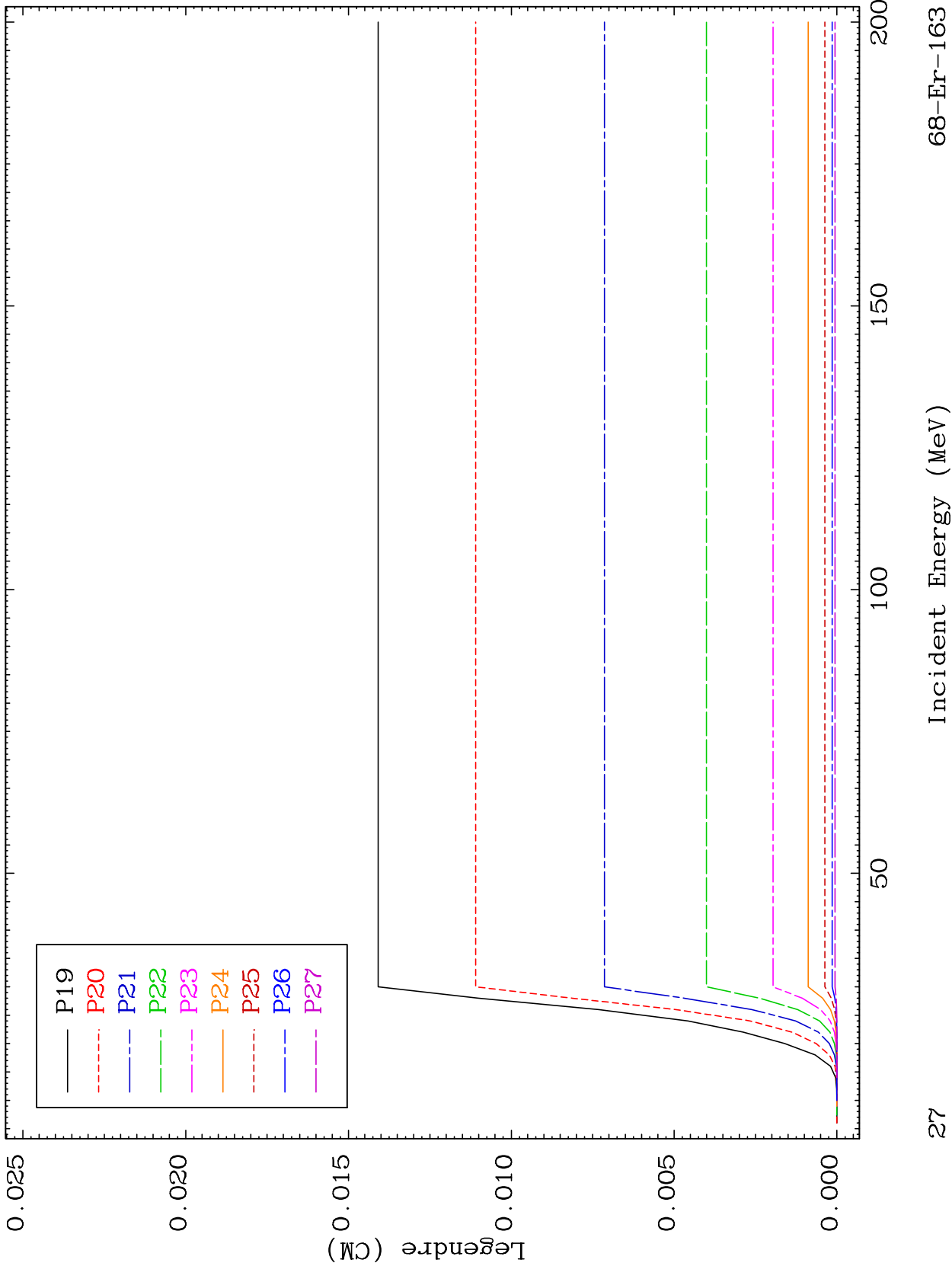
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Incident Energy (MeV)

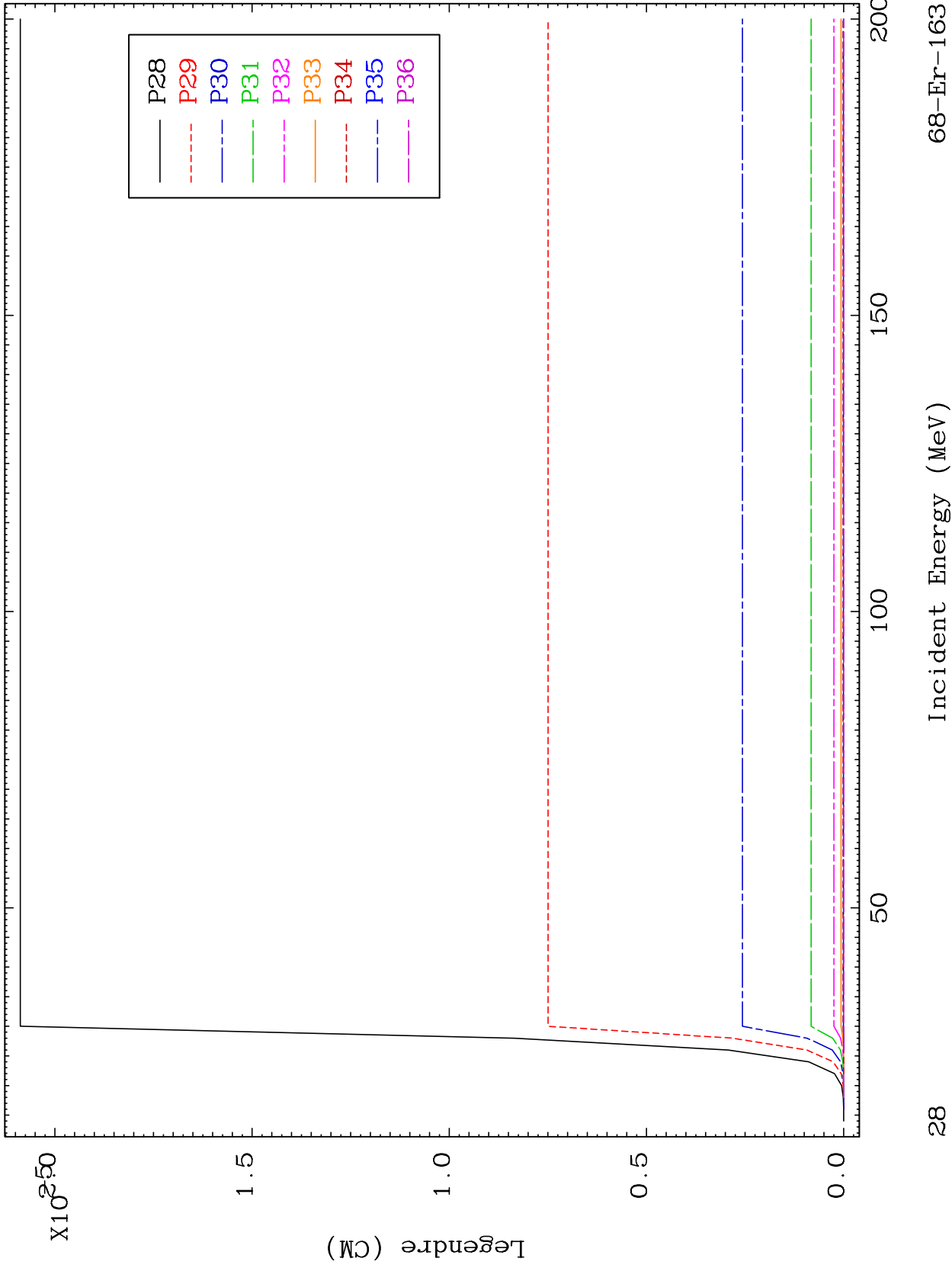
68-Er-163



MAT 6828

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

68-Er-163



28

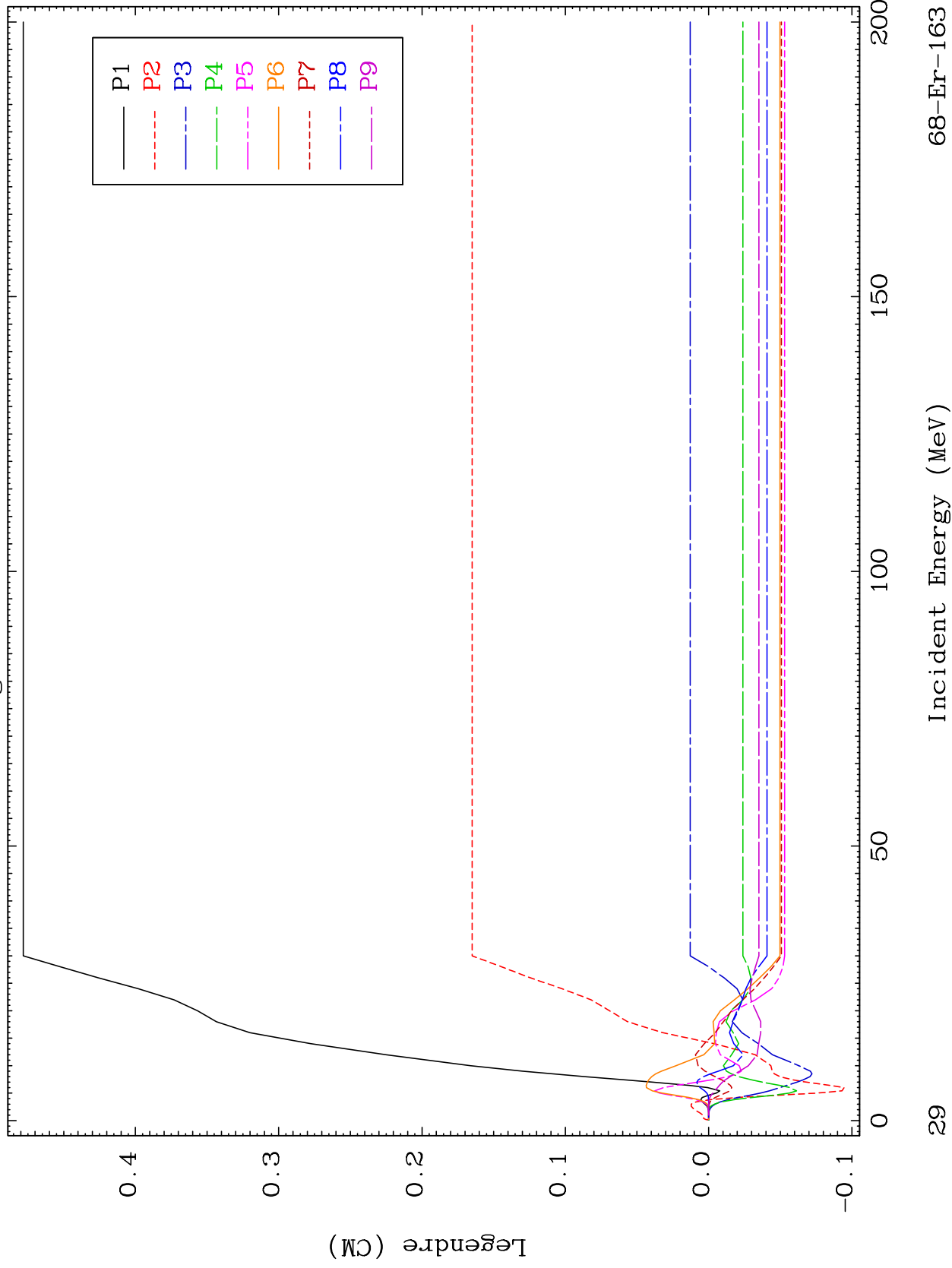
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



68-Er-163

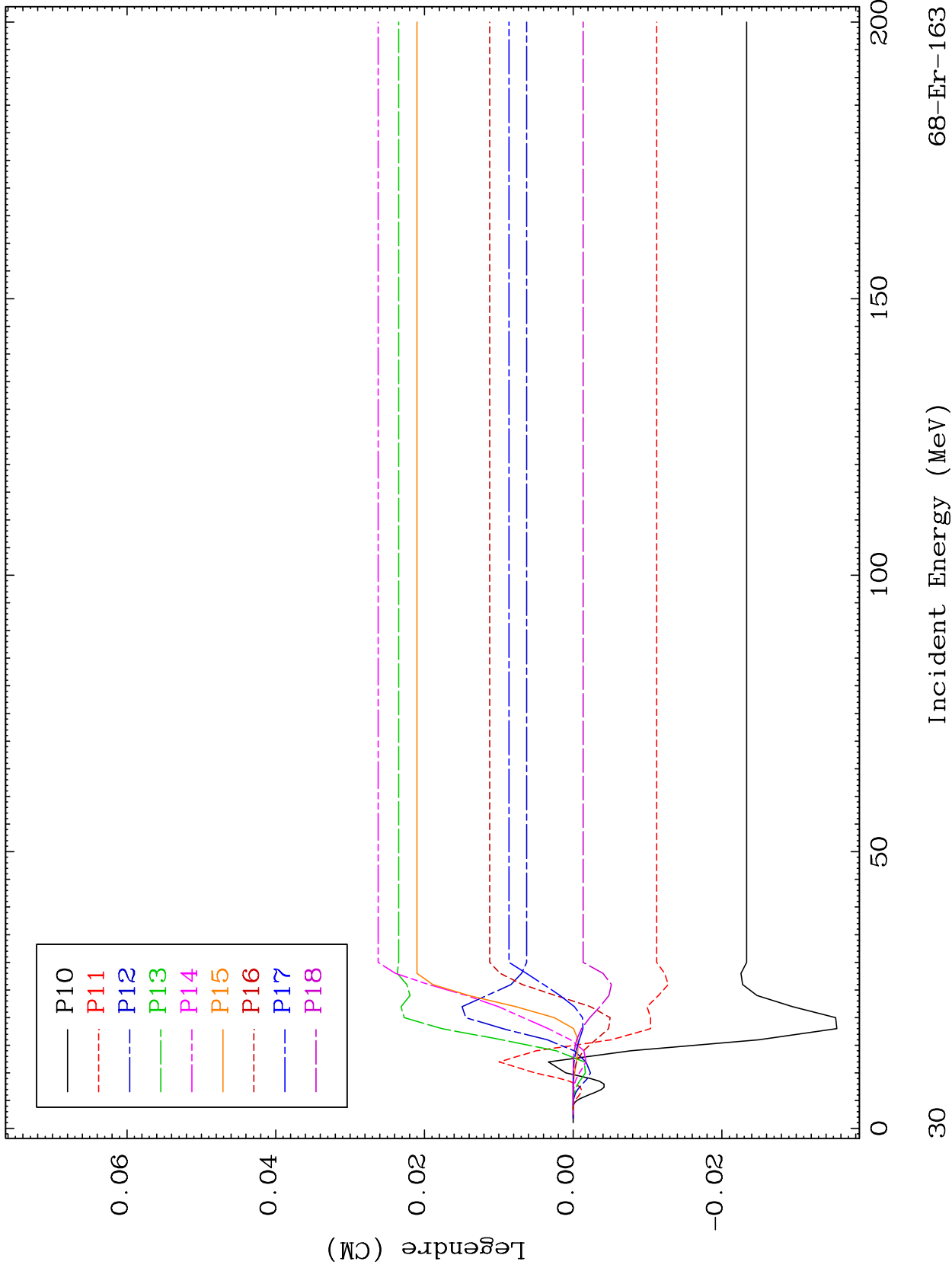
Incident Energy (MeV)

29

MAT 6828

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

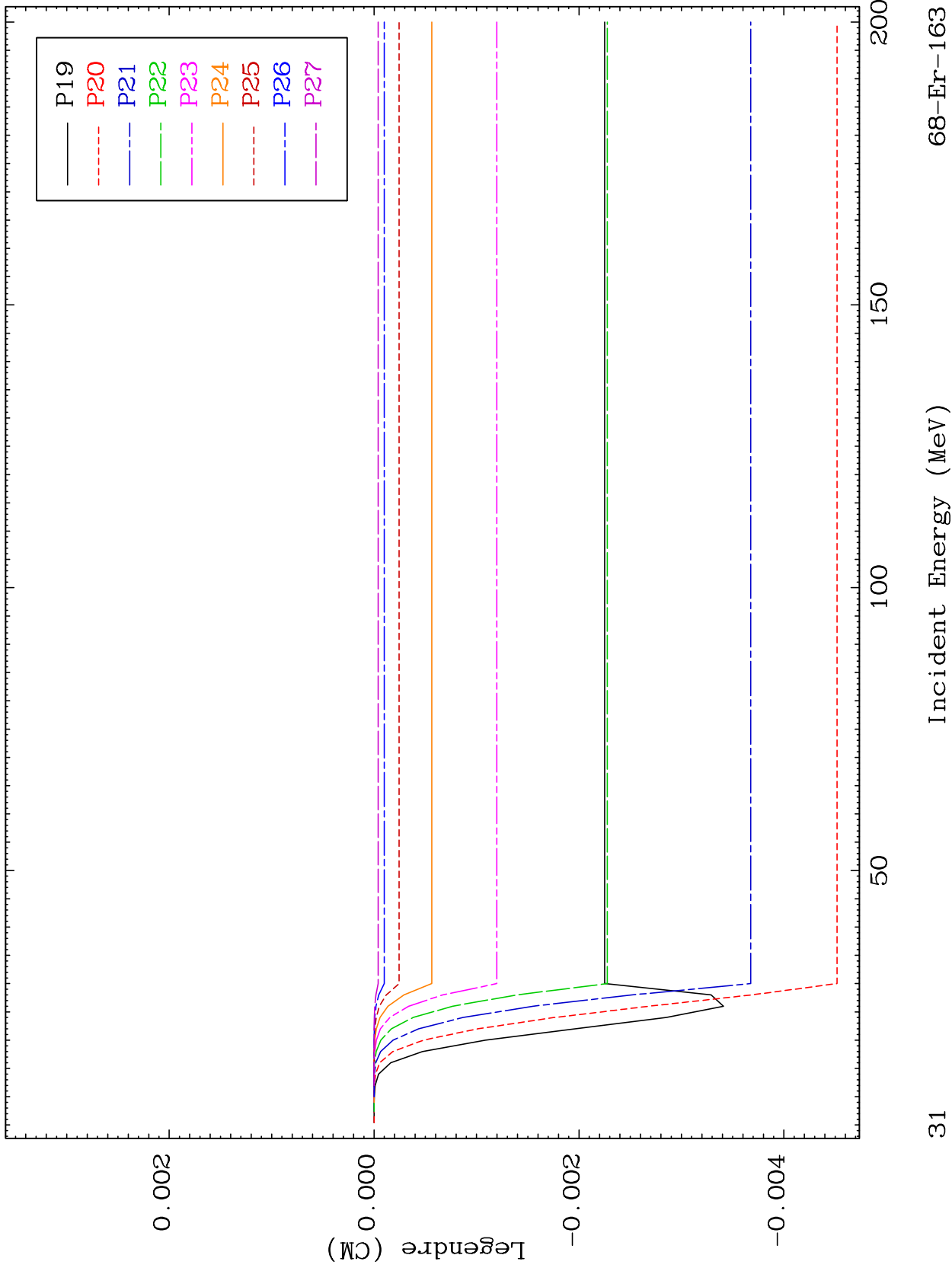
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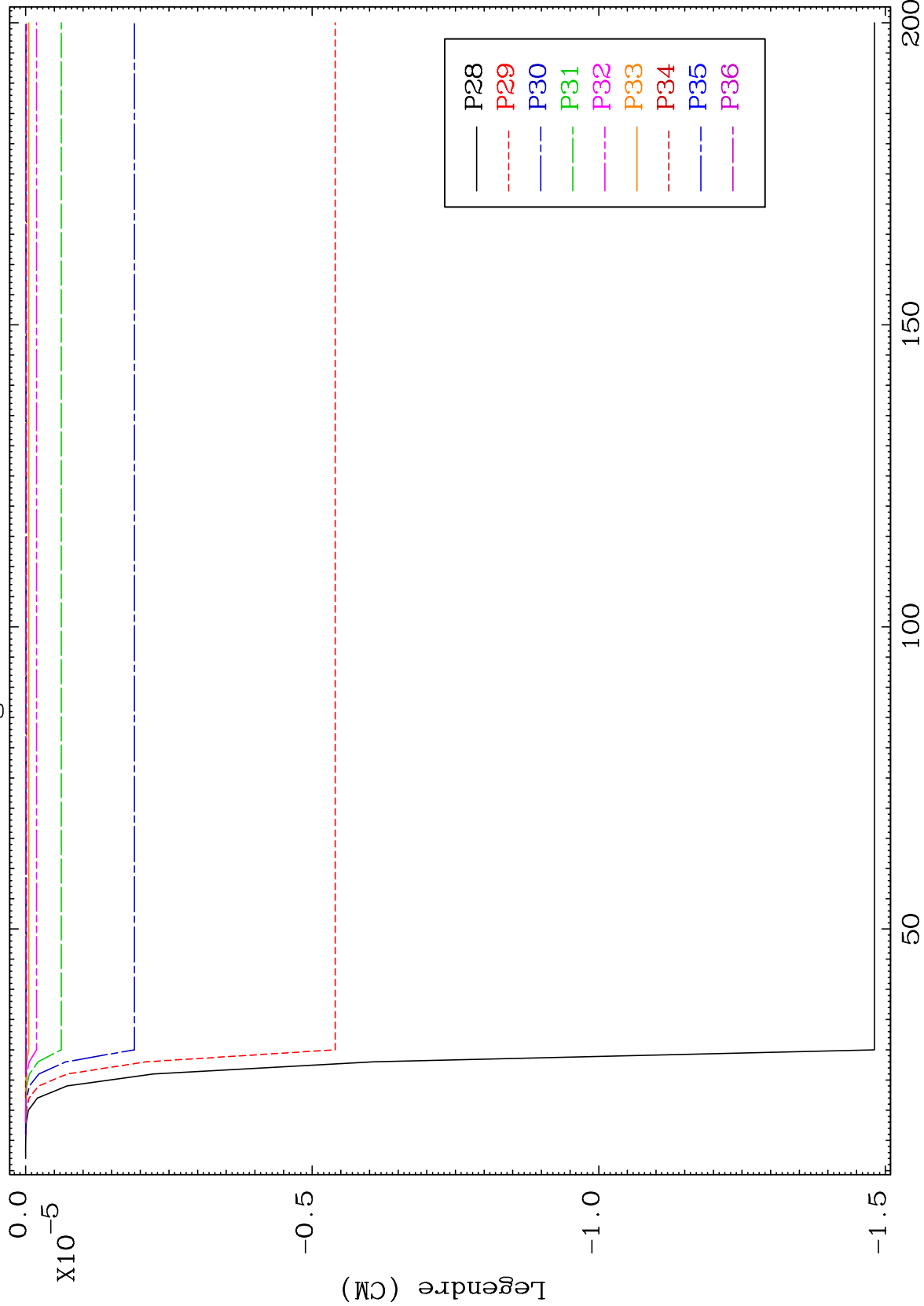
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Incident Energy (MeV)

30



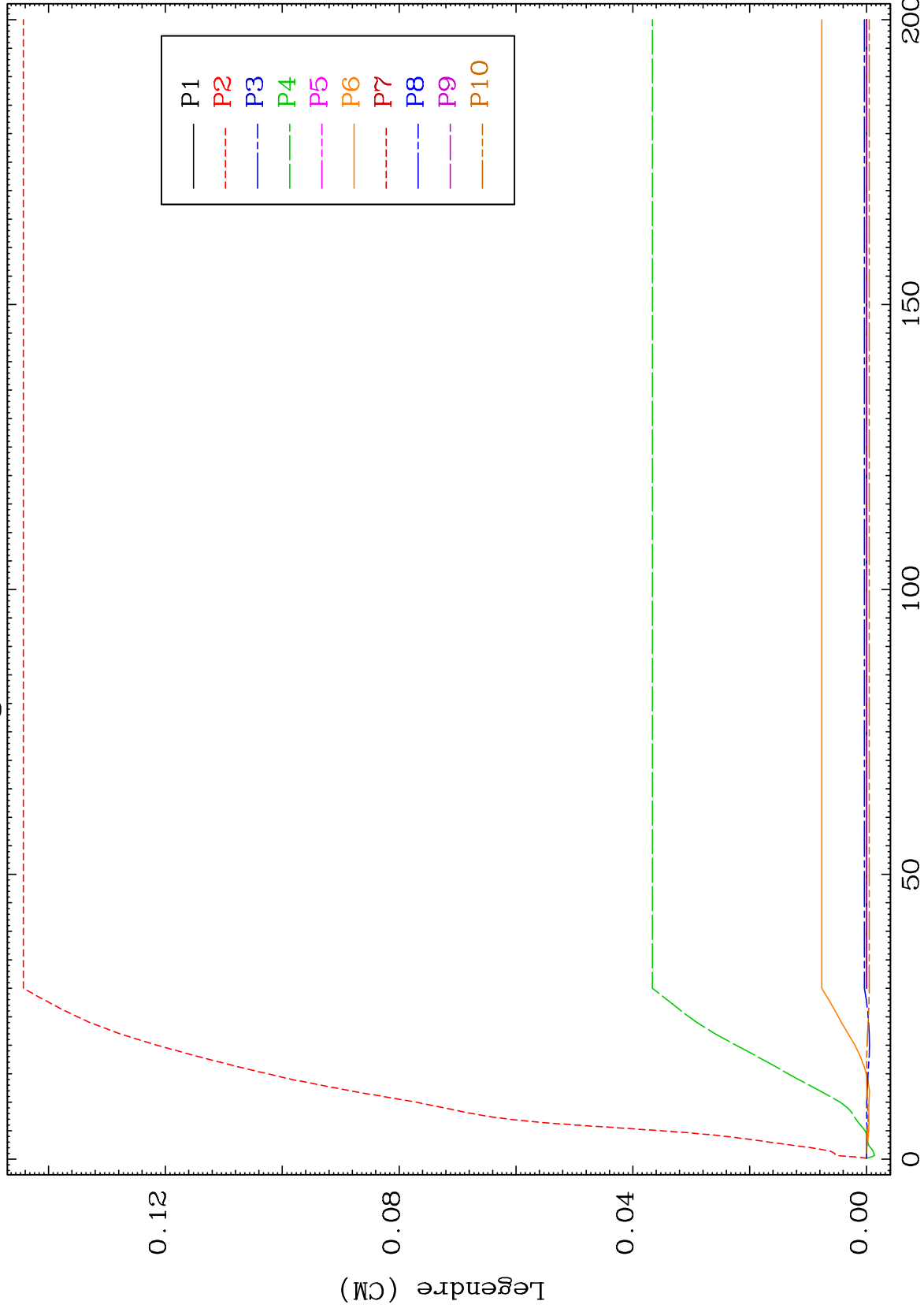




MAT 6828

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

68-Er-163



33

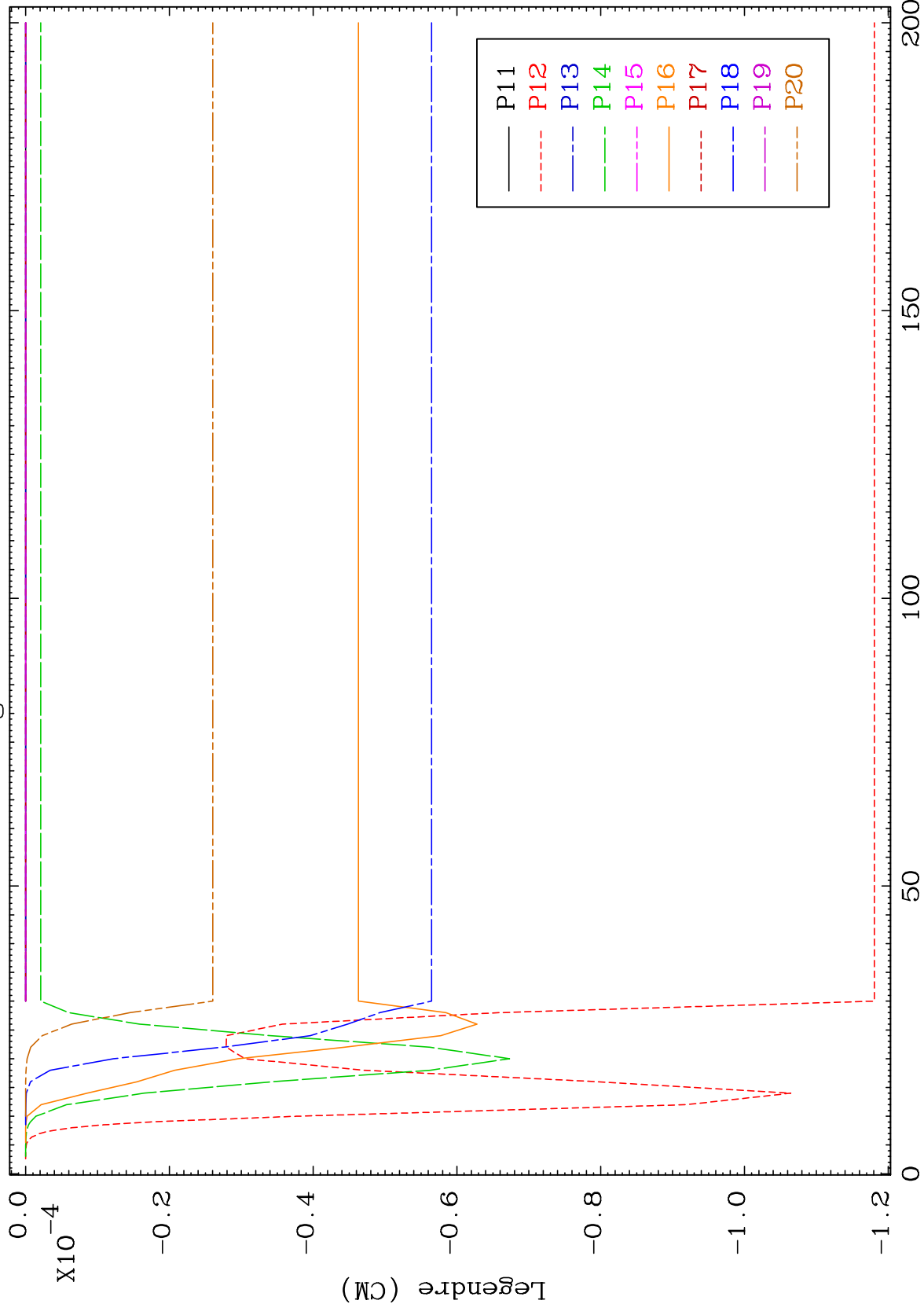
Incident Energy (MeV)

68-Er-163

MAT 6828

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

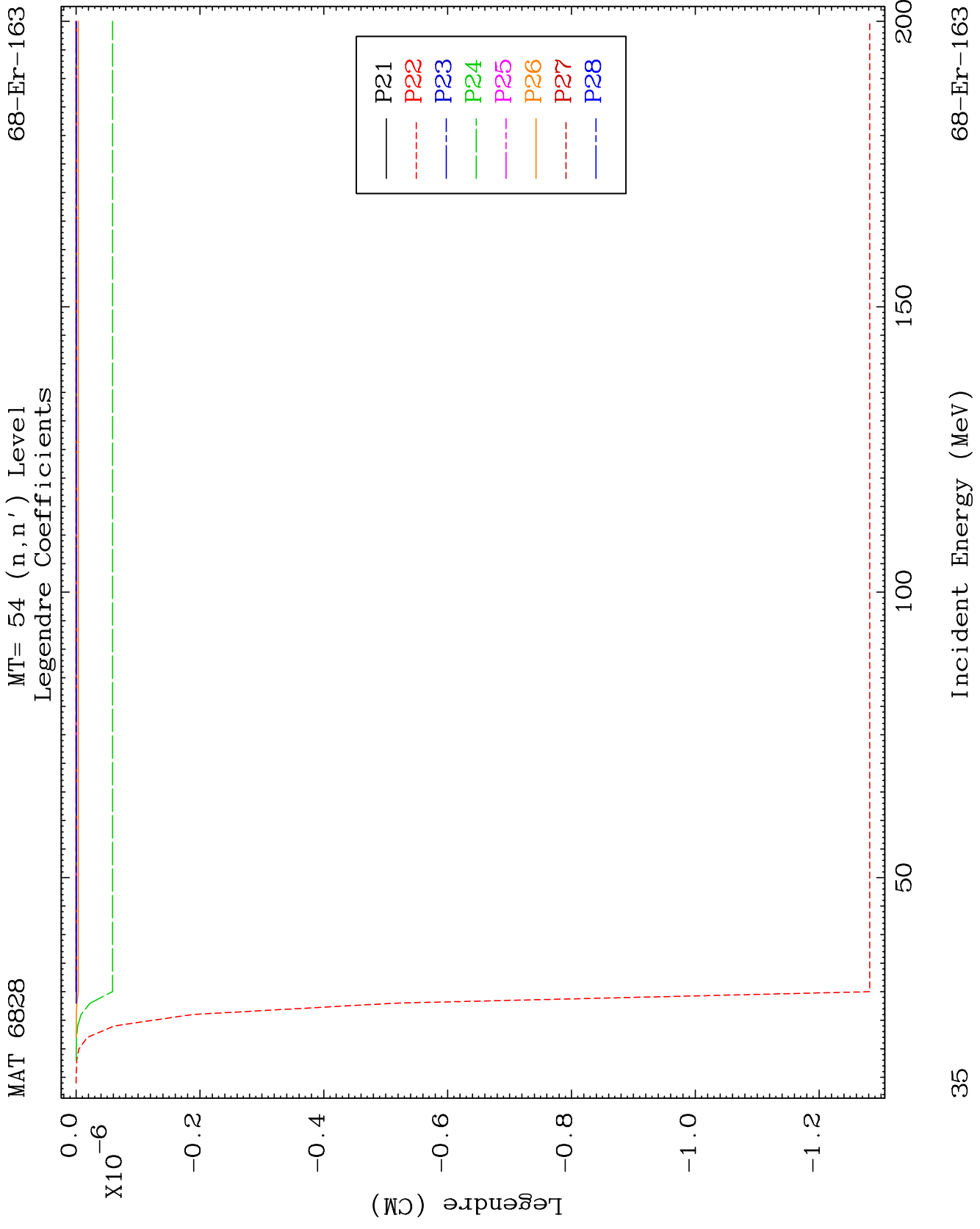
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34

Incident Energy (MeV)

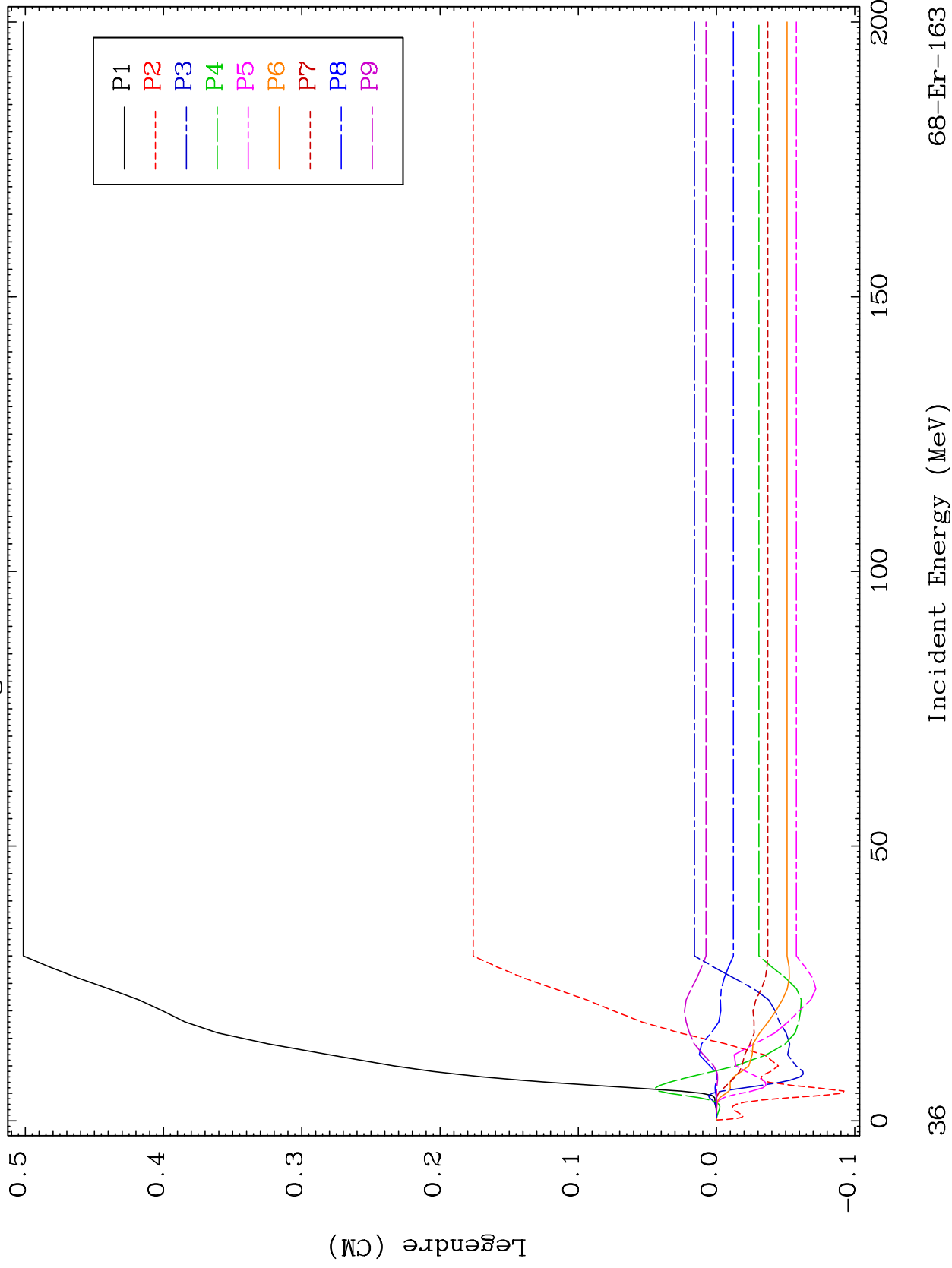
68-Er-163



MAT 6828

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

68-Er-163



68-Er-163

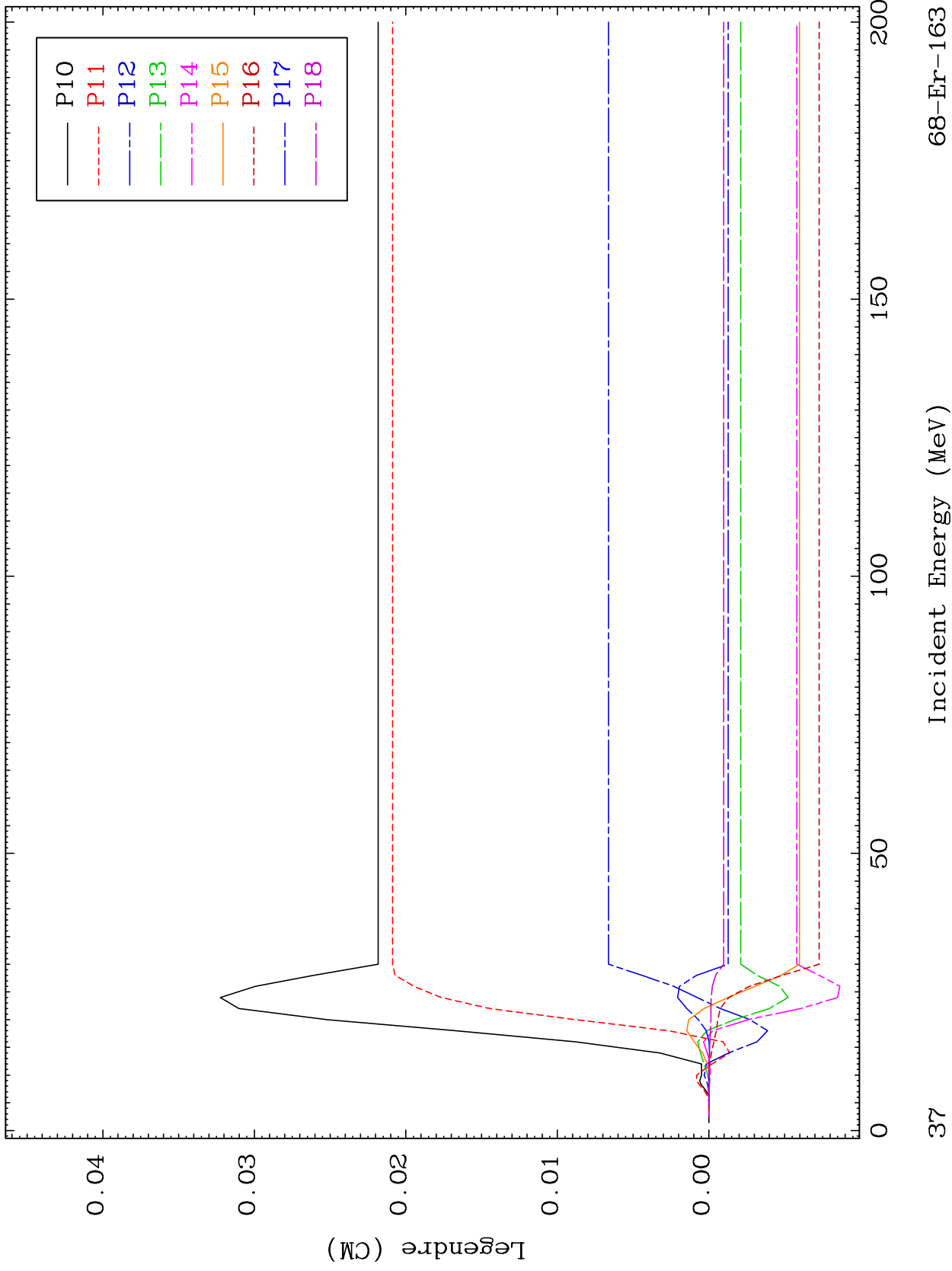
Incident Energy (MeV)

36

MAT 6828

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

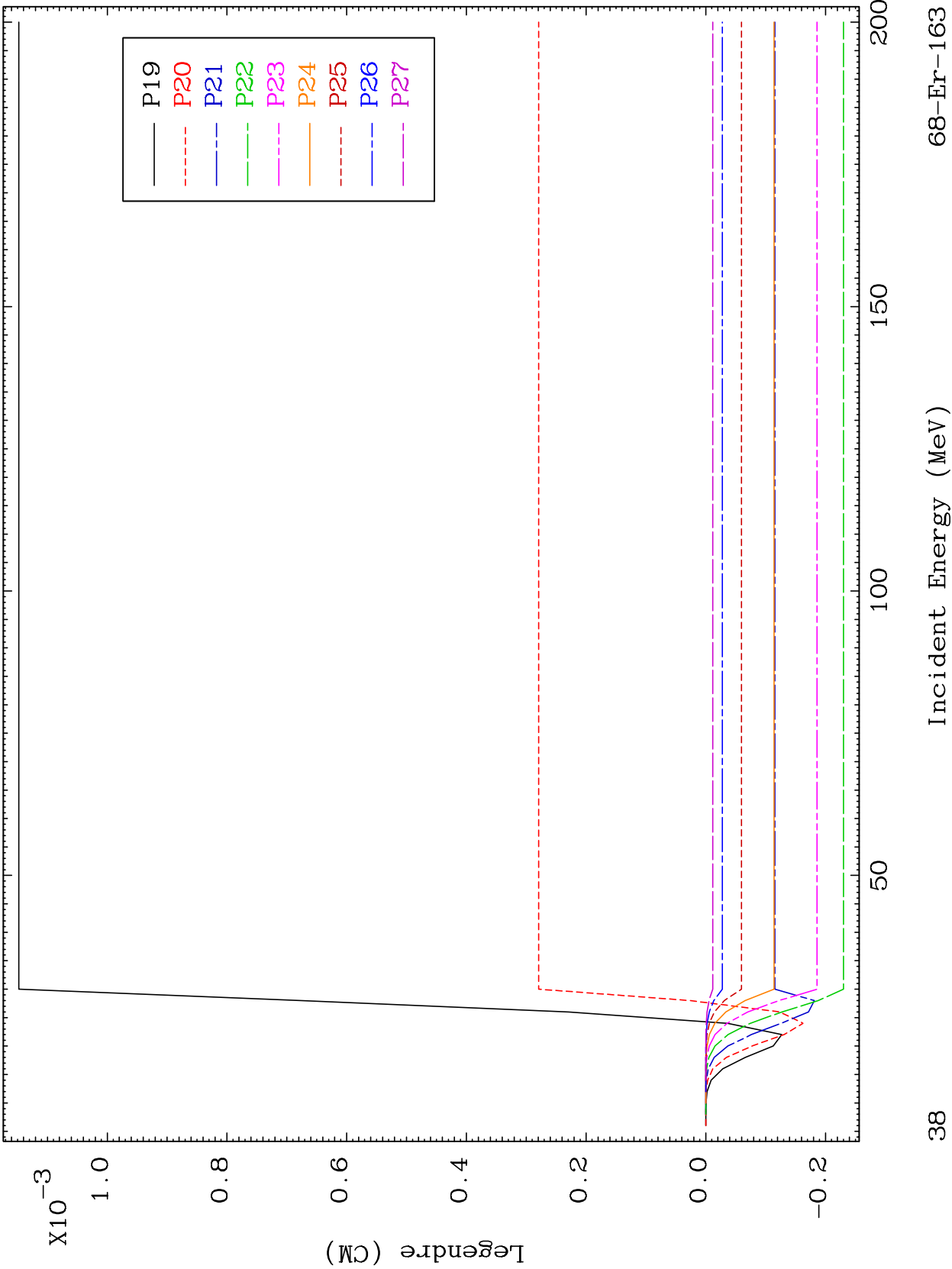
68-Er-163



37

Incident Energy (MeV)

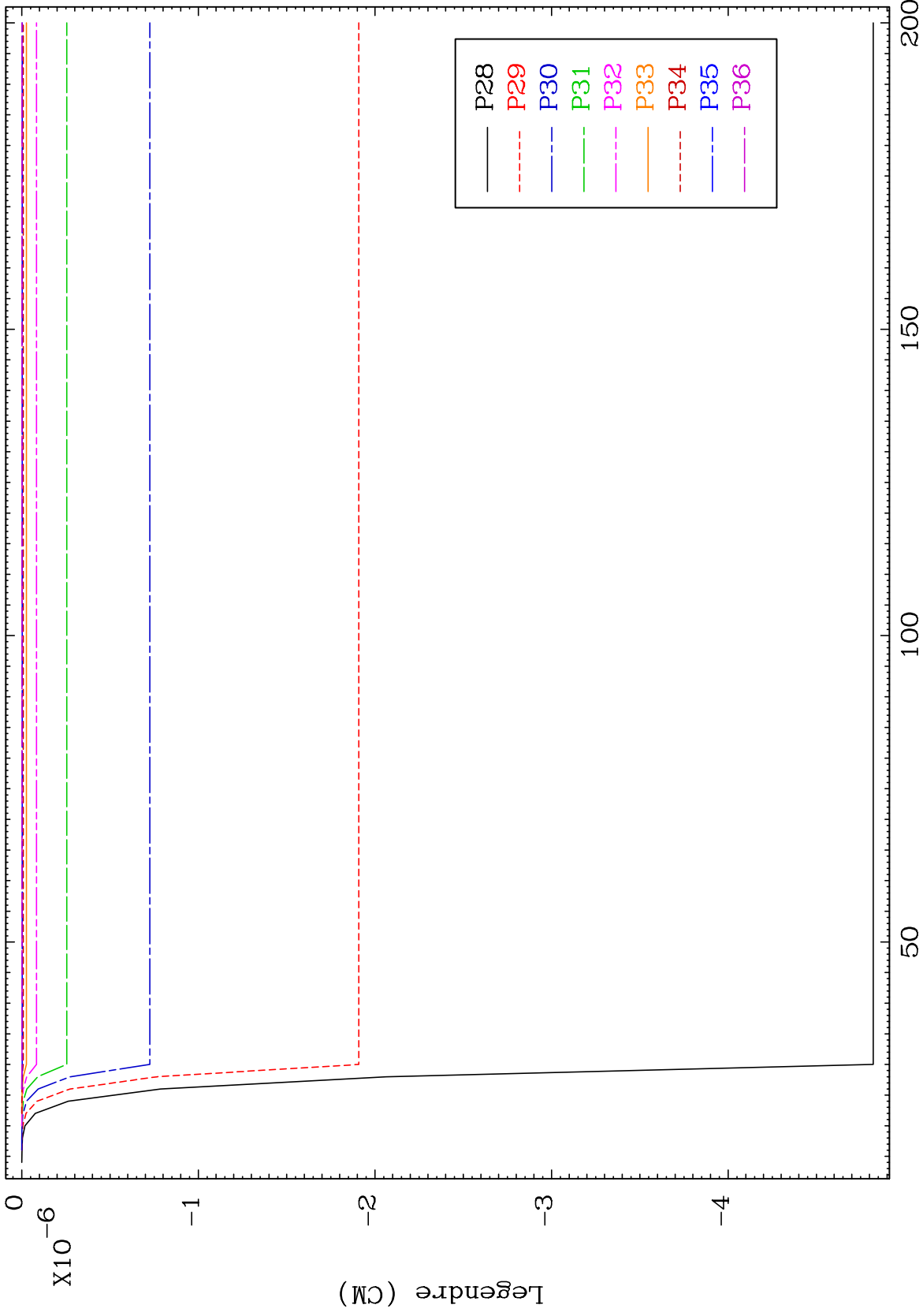
68-Er-163



MAT 6828

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

68-Er-163



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68-Er-163

68-Er-163

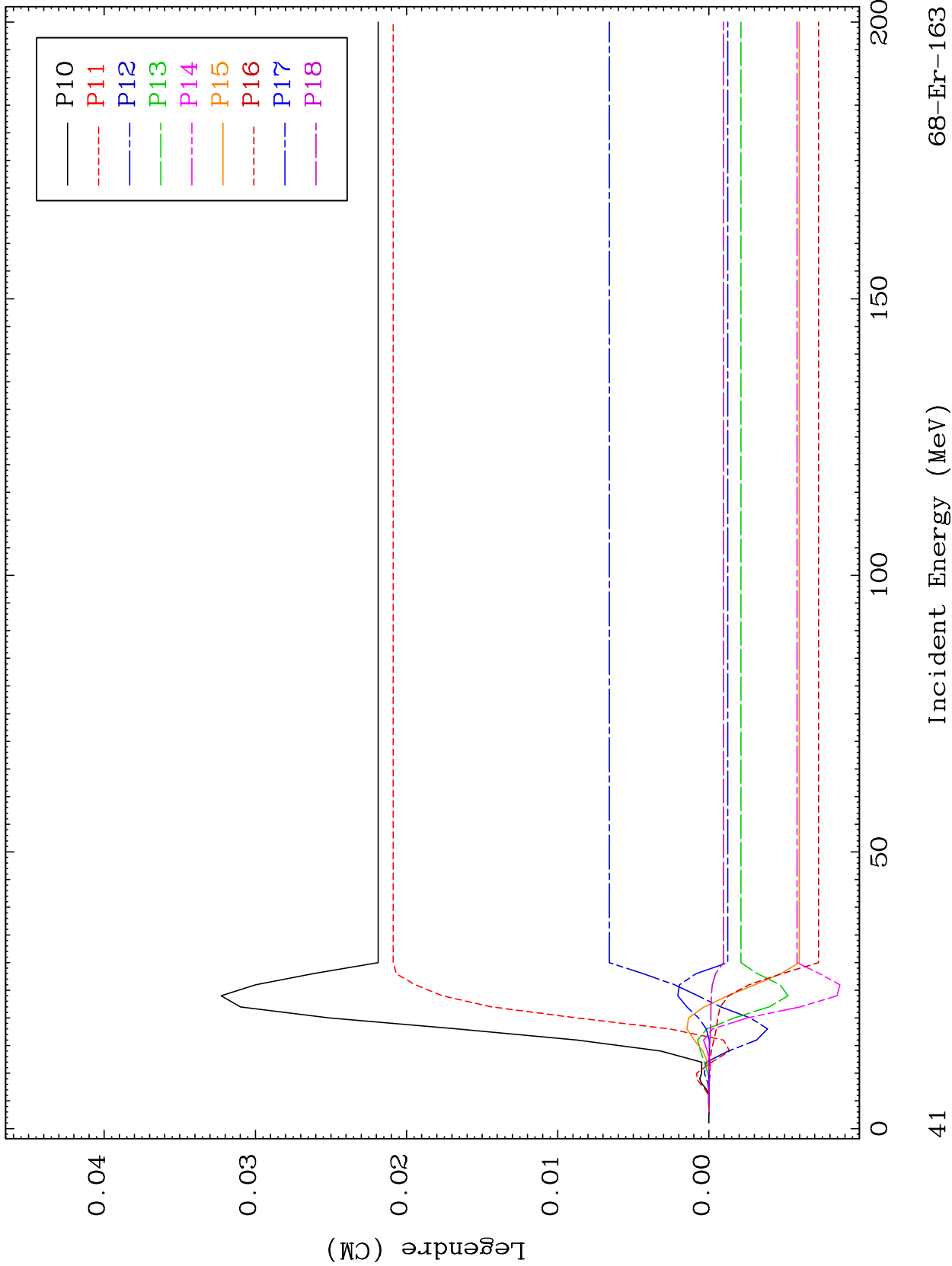




MAT 6828

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

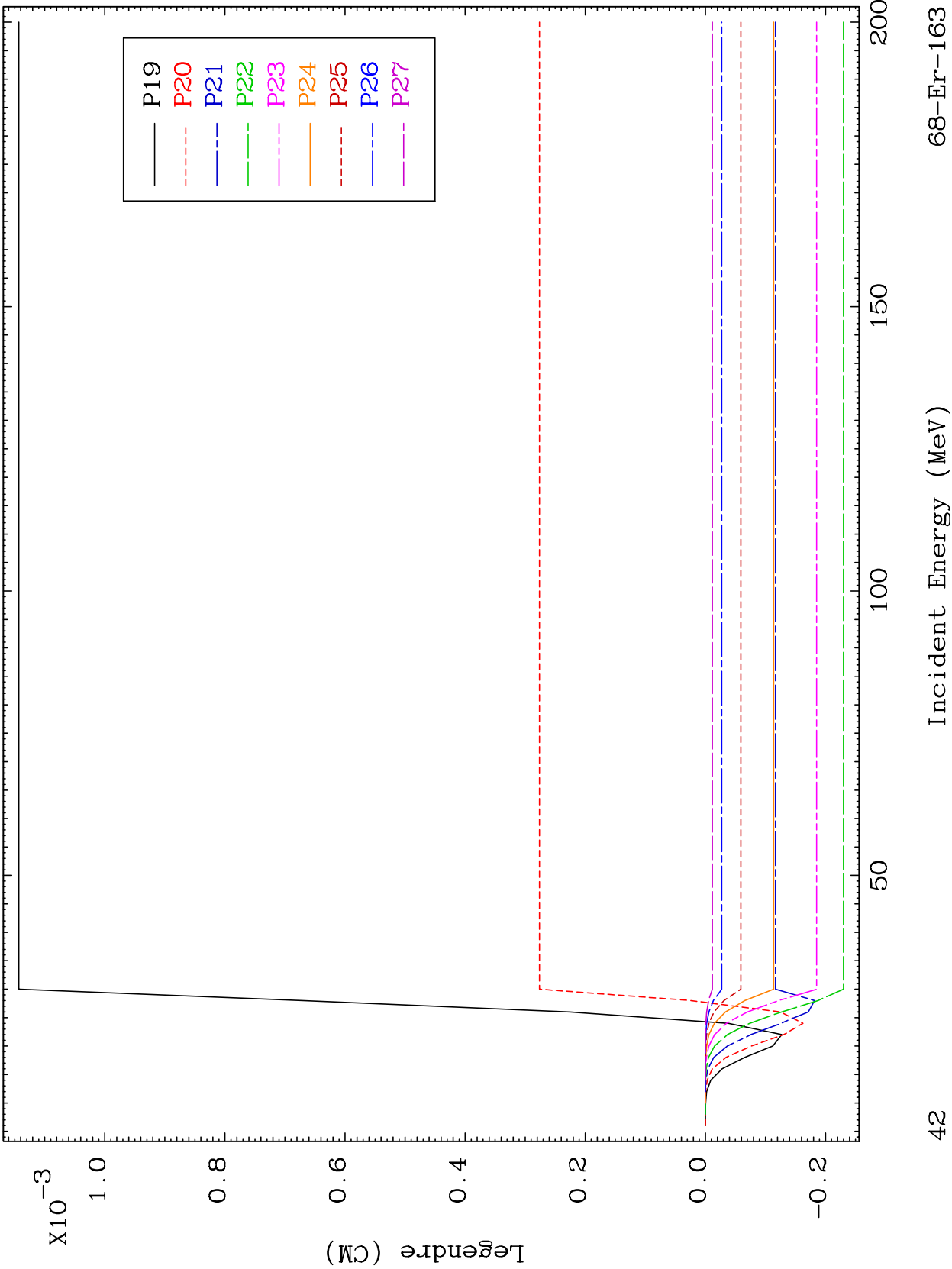
68-Er-163



41

Incident Energy (MeV)

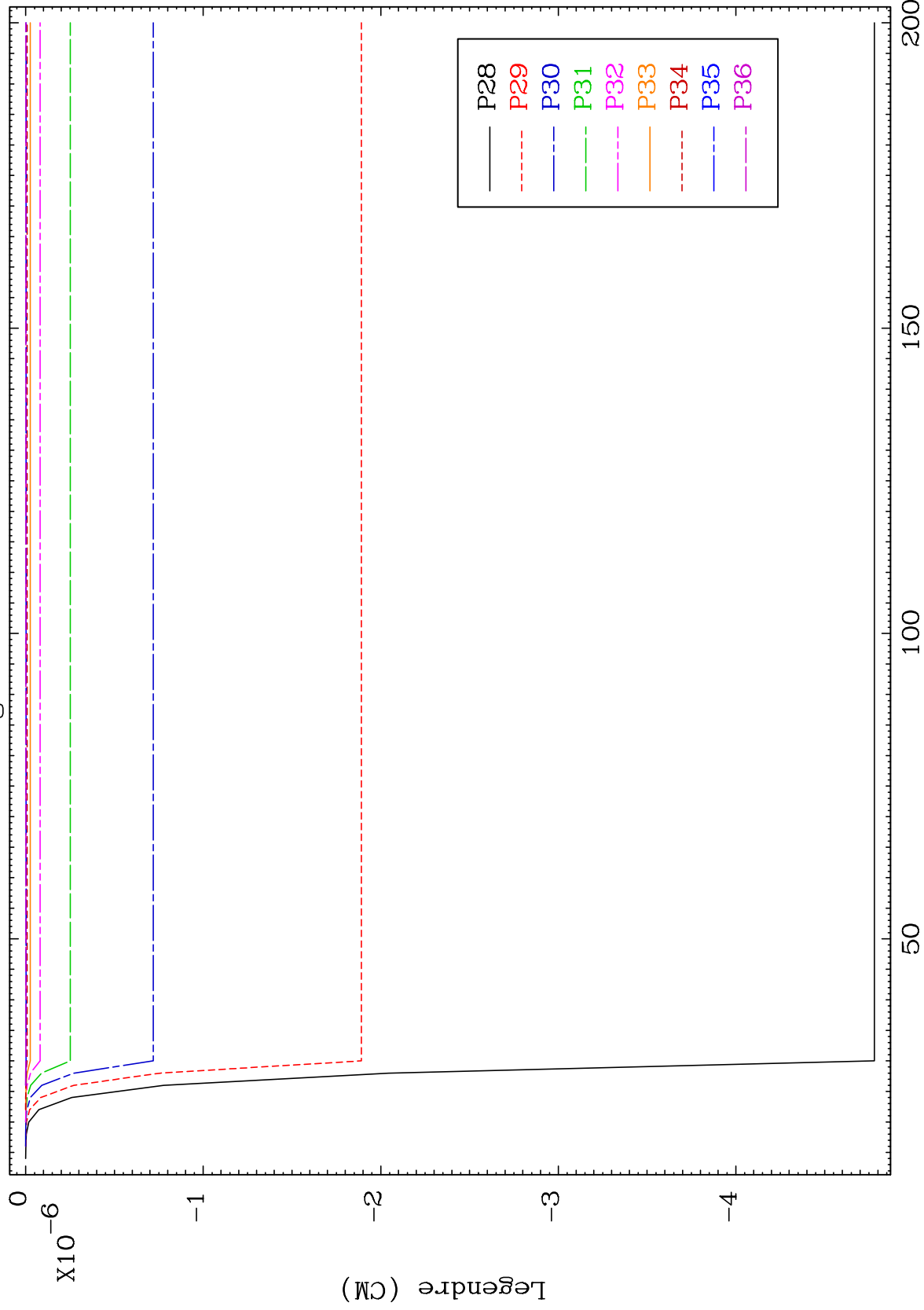
68-Er-163



MAT 6828

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

68-Er-163



43

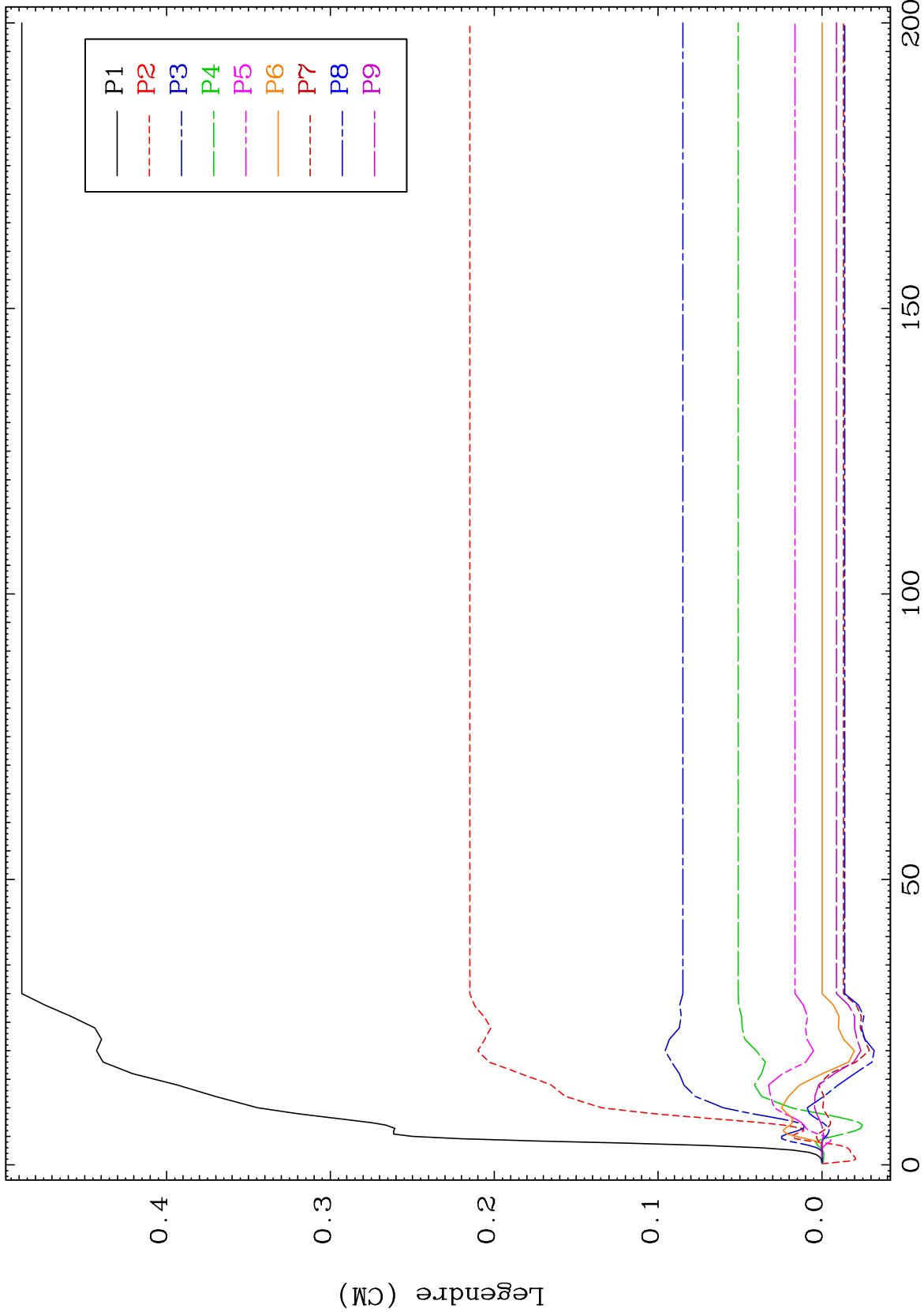
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163

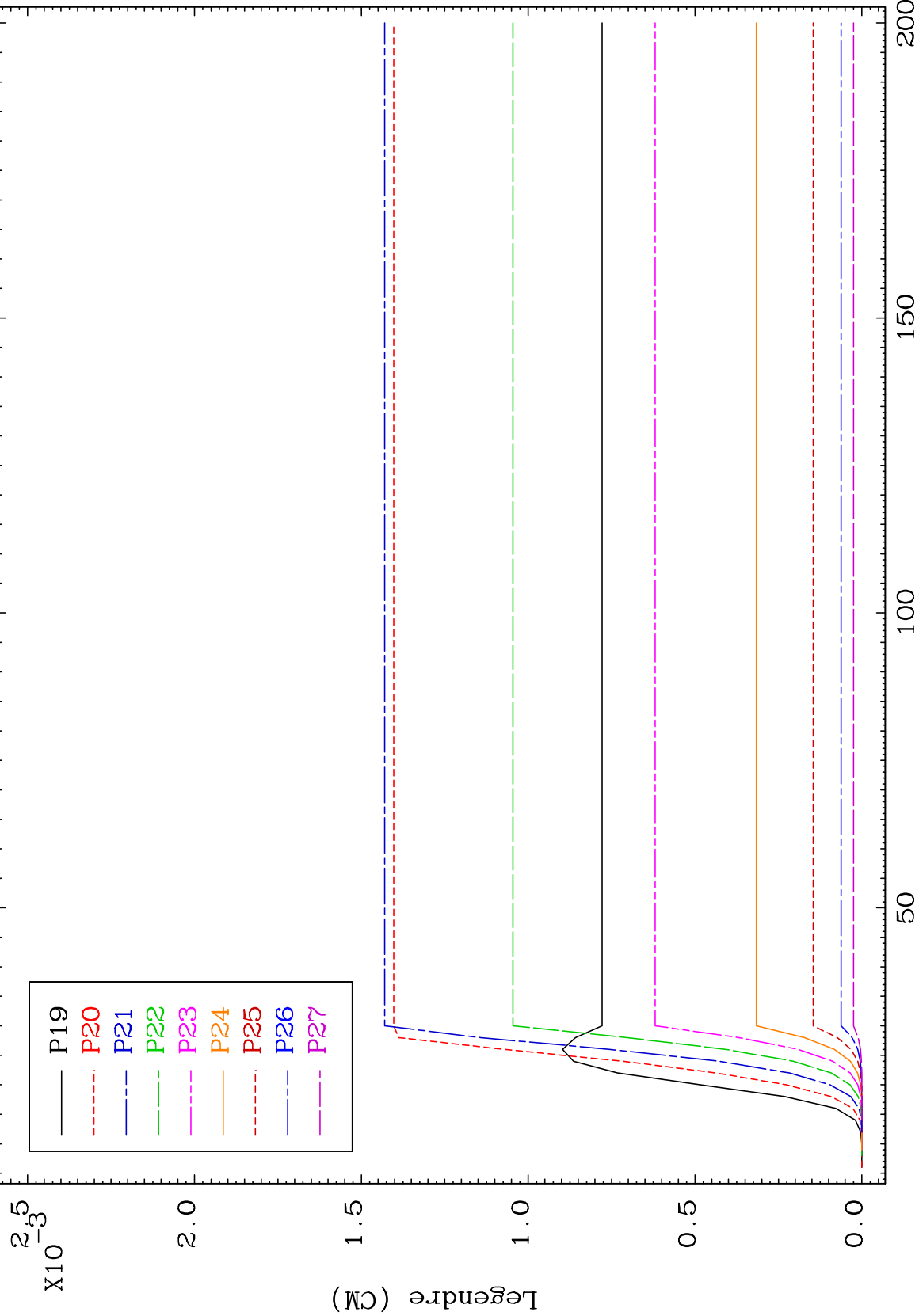


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Incident Energy (MeV)

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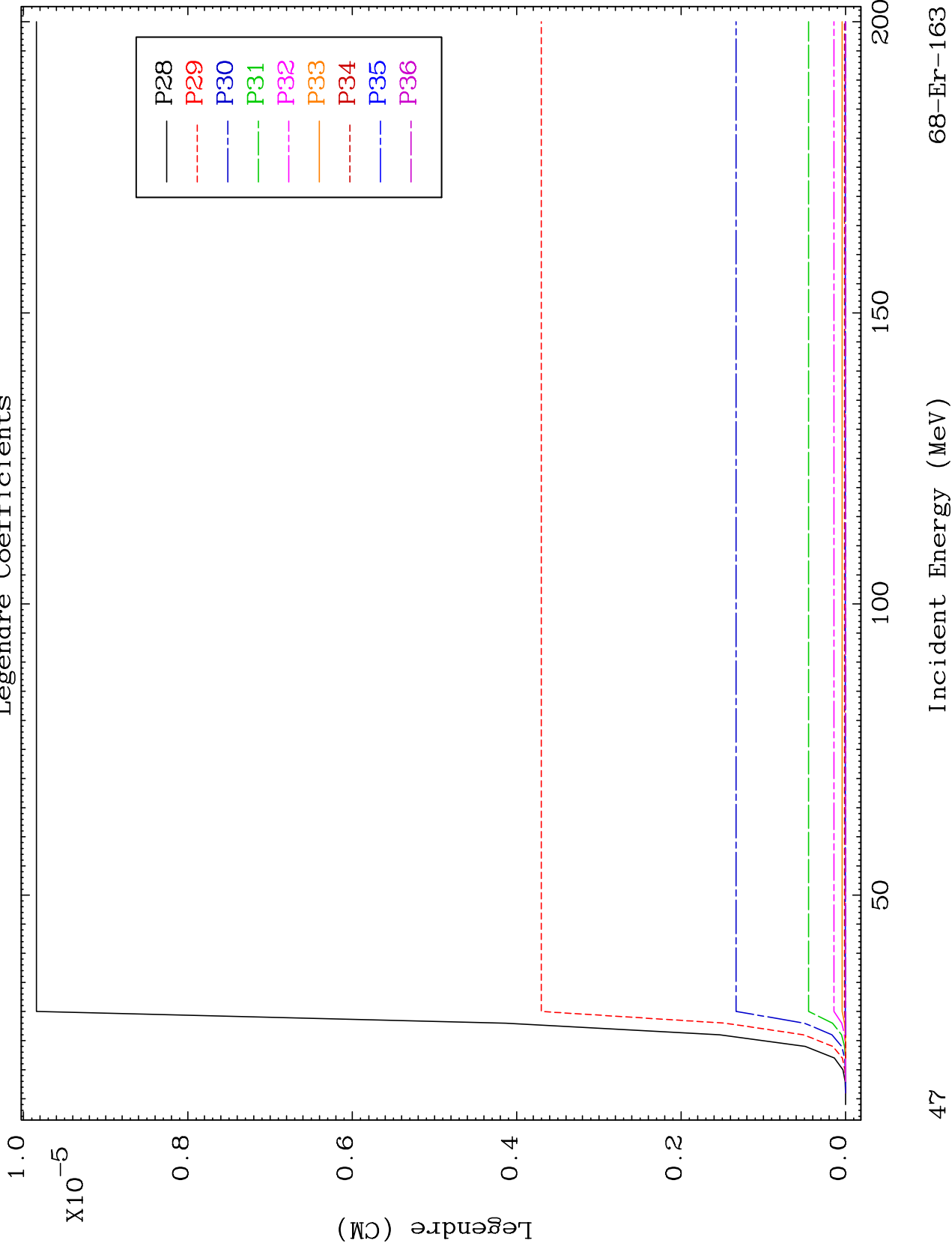




MAT 6828

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

68-Er-163



47

Incident Energy (MeV)

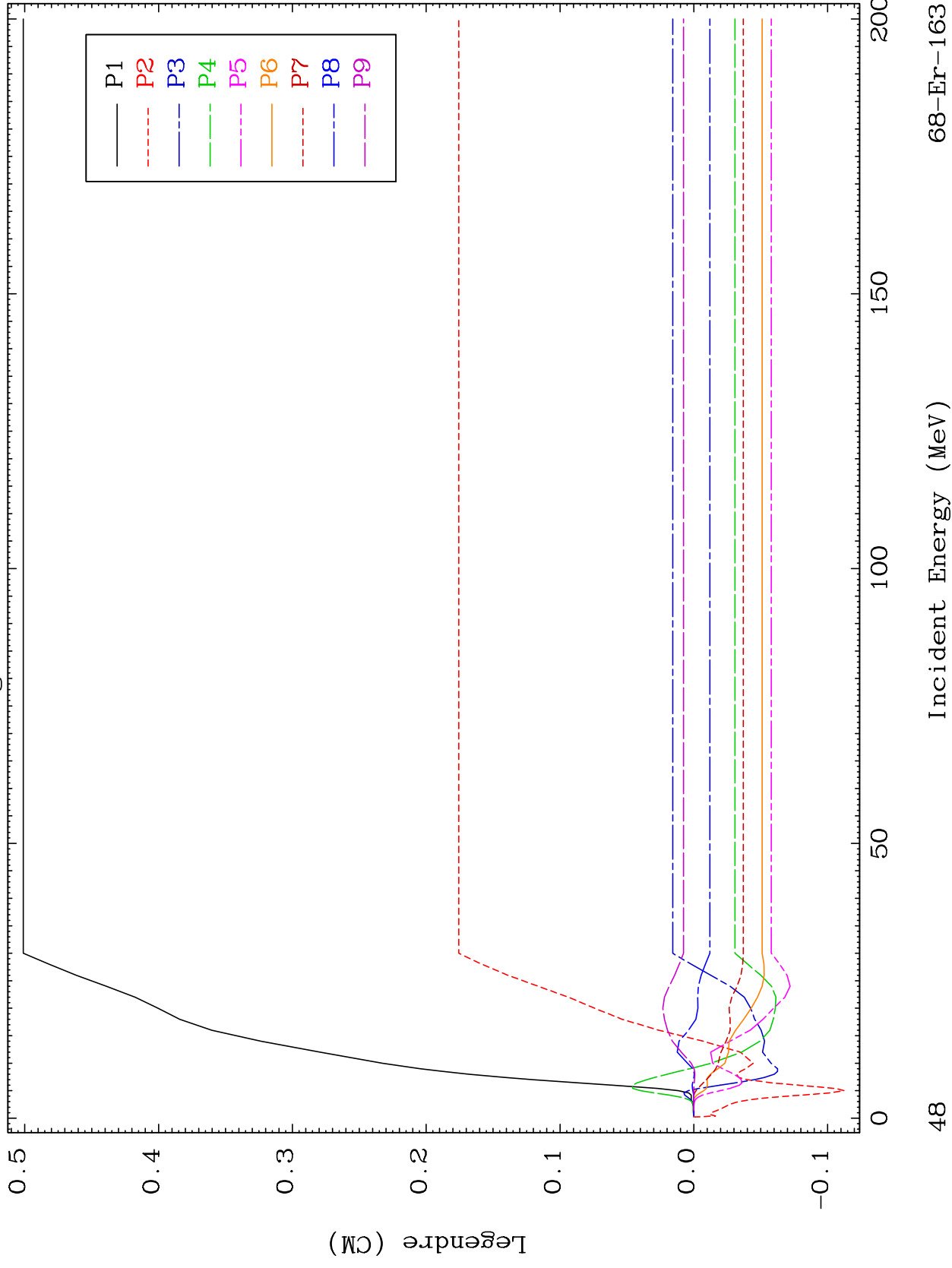
68-Er-163



MAT 6828

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

68-Er-163



68-Er-163

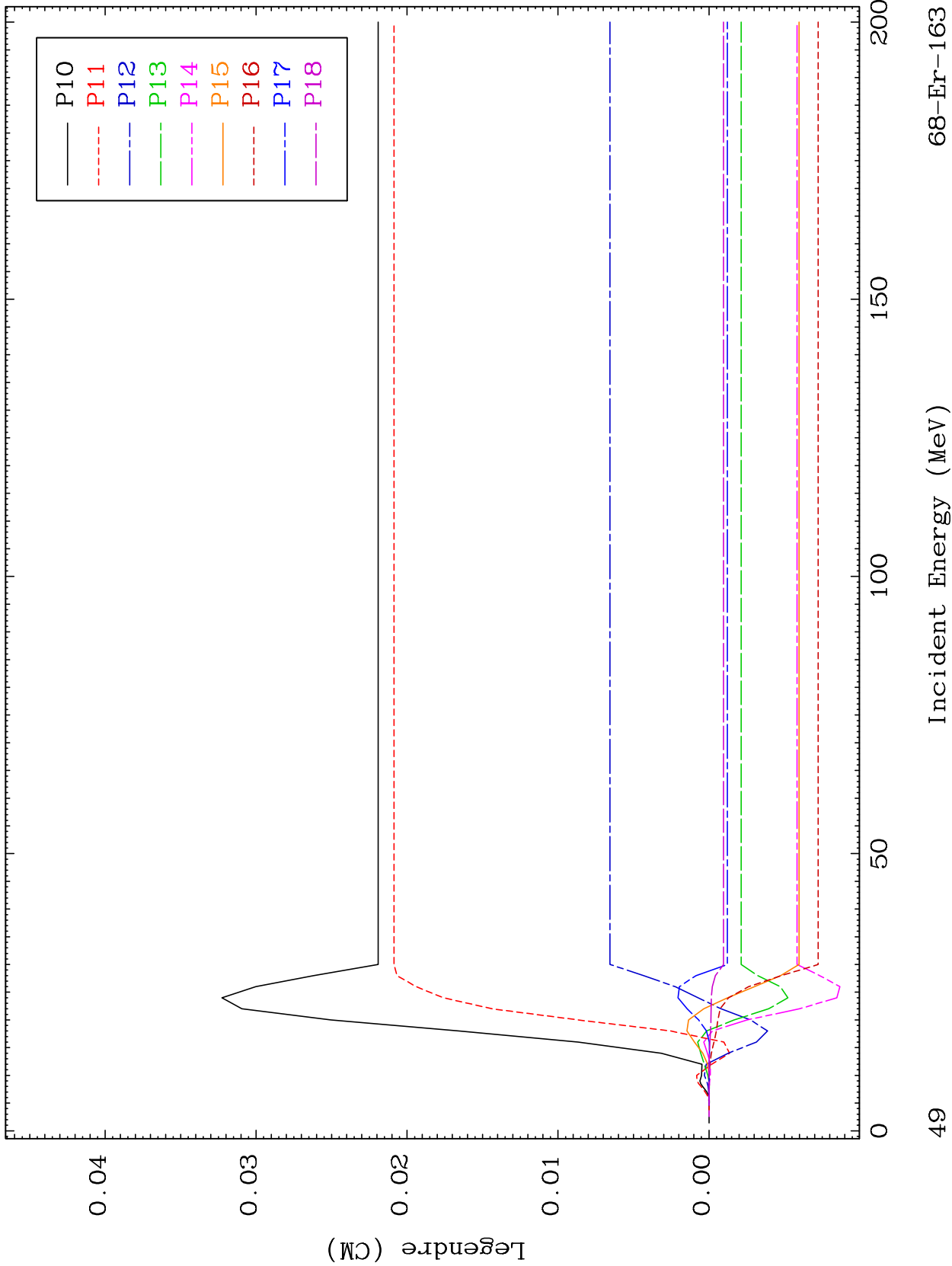
Incident Energy (MeV)

48

MAT 6828

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

68-Er-163



68-Er-163

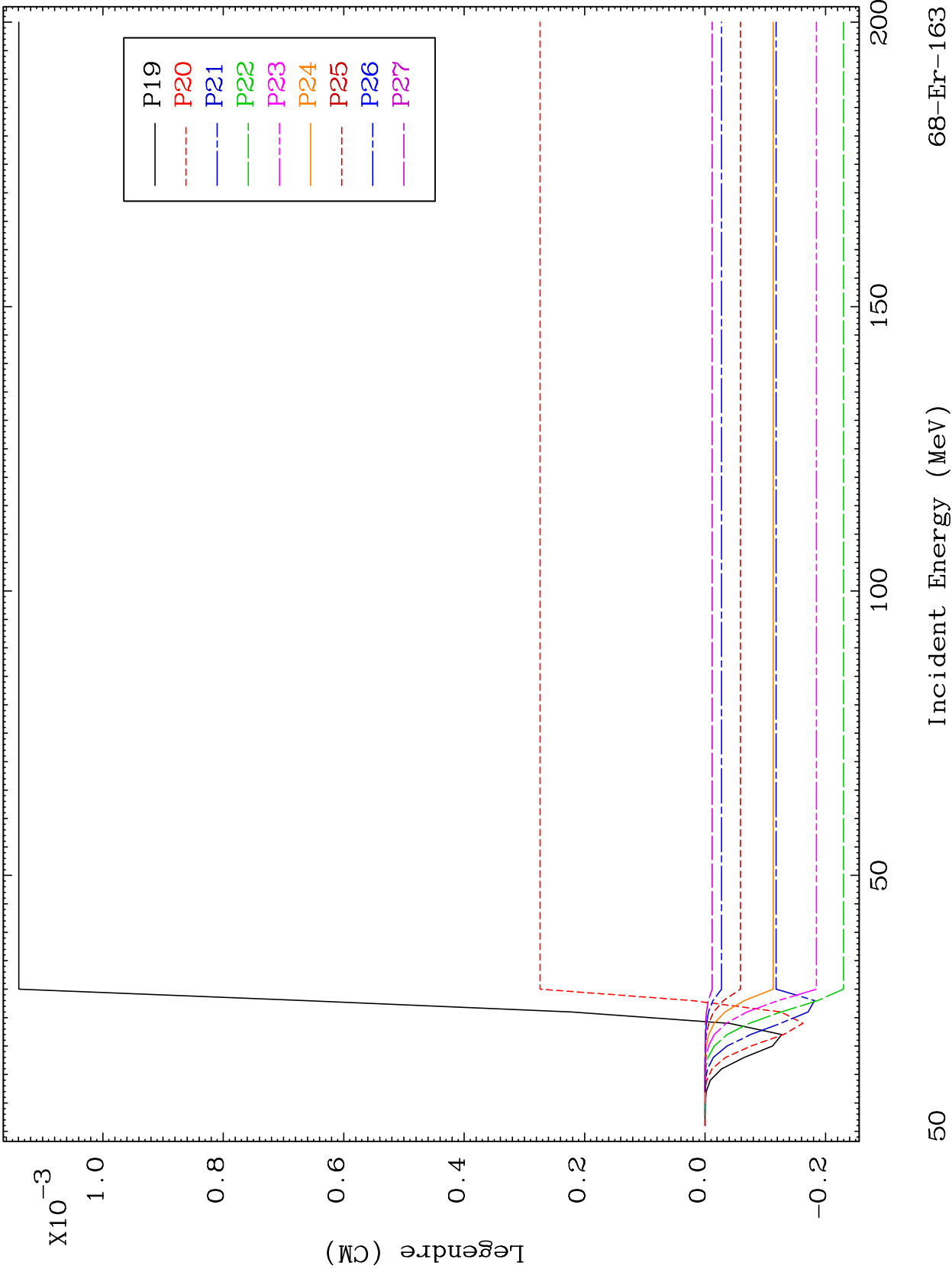
Incident Energy (MeV)

49

MAT 6828

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

68-Er-163

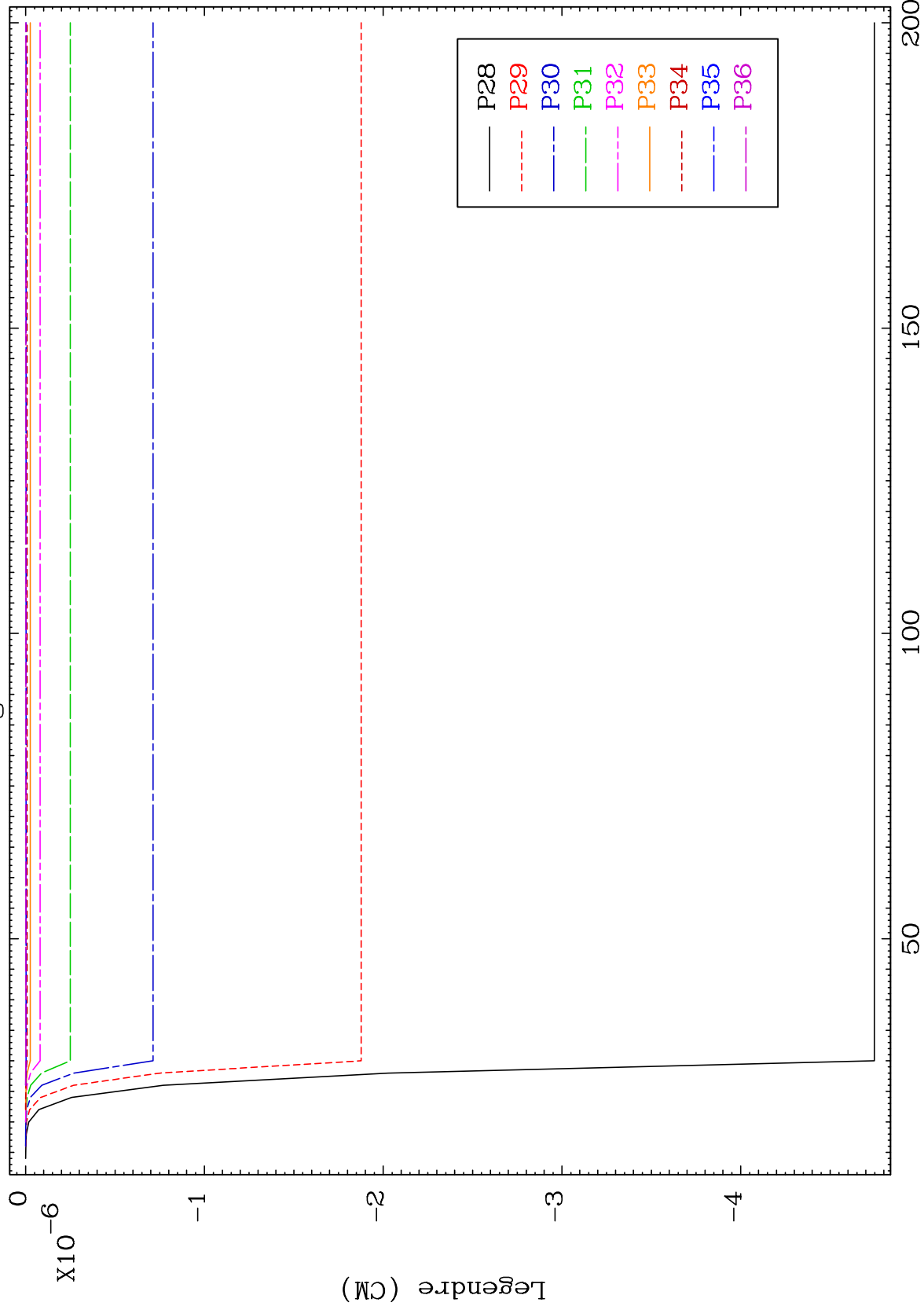


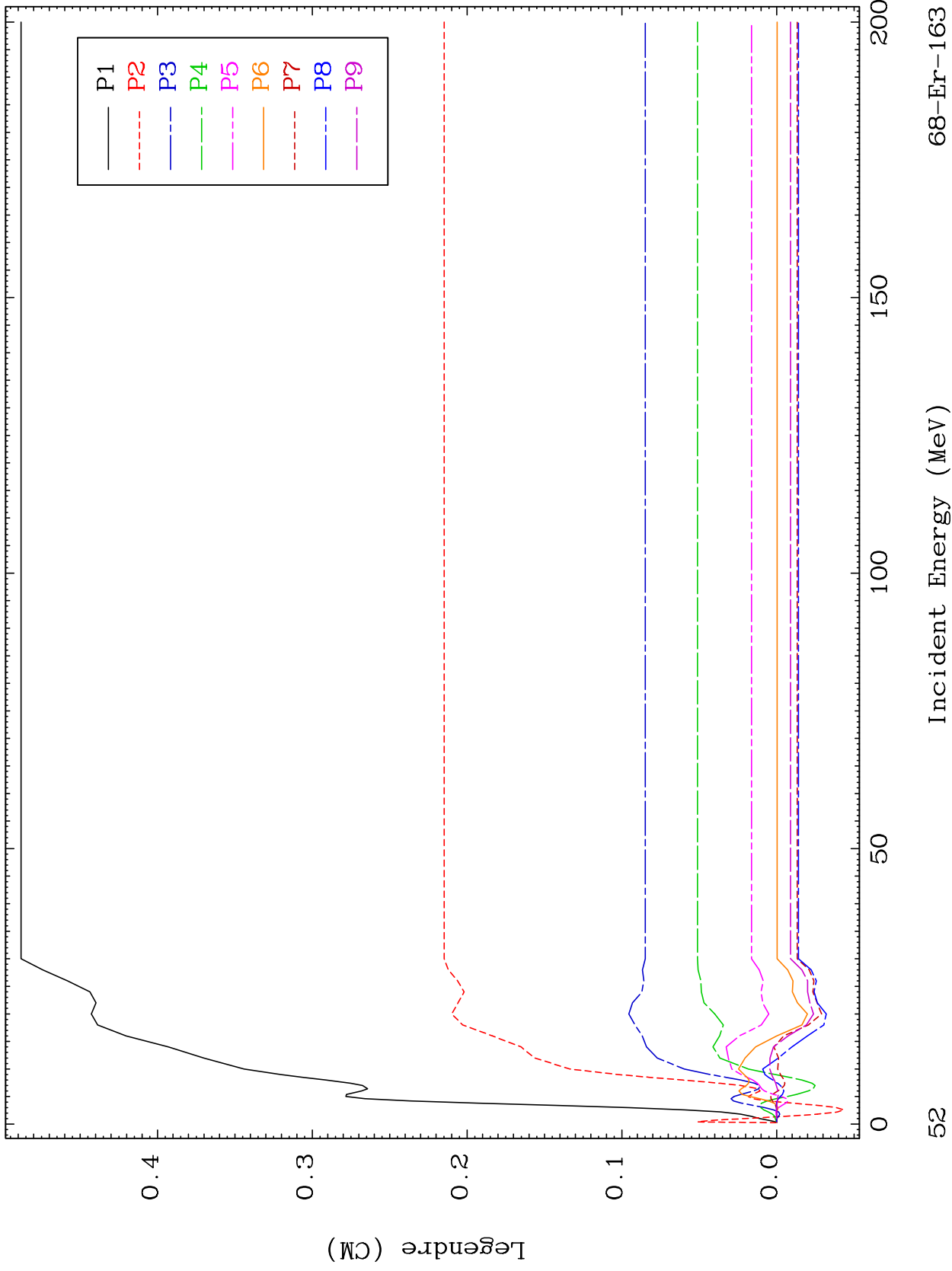
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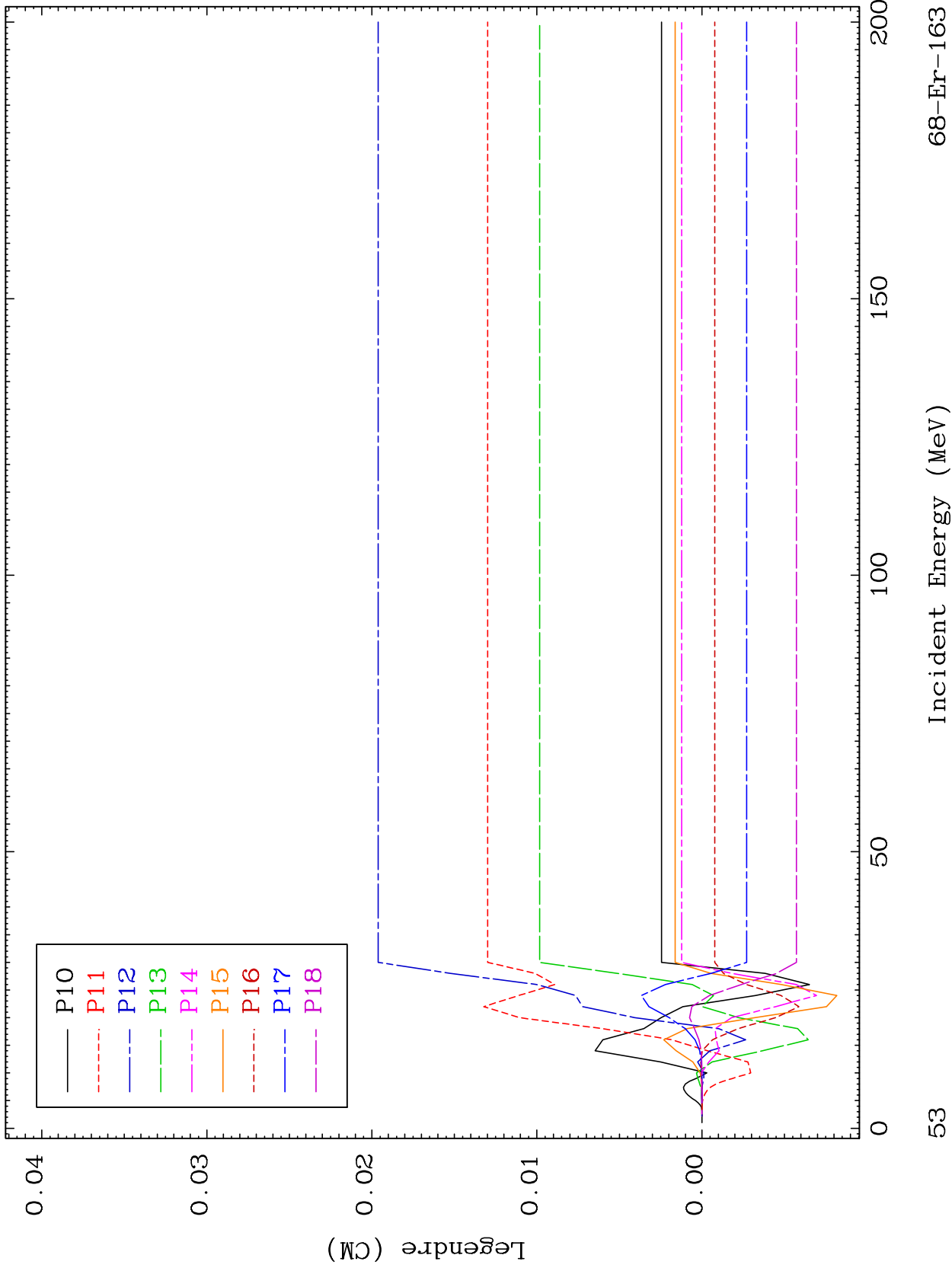
Incident Energy (MeV)

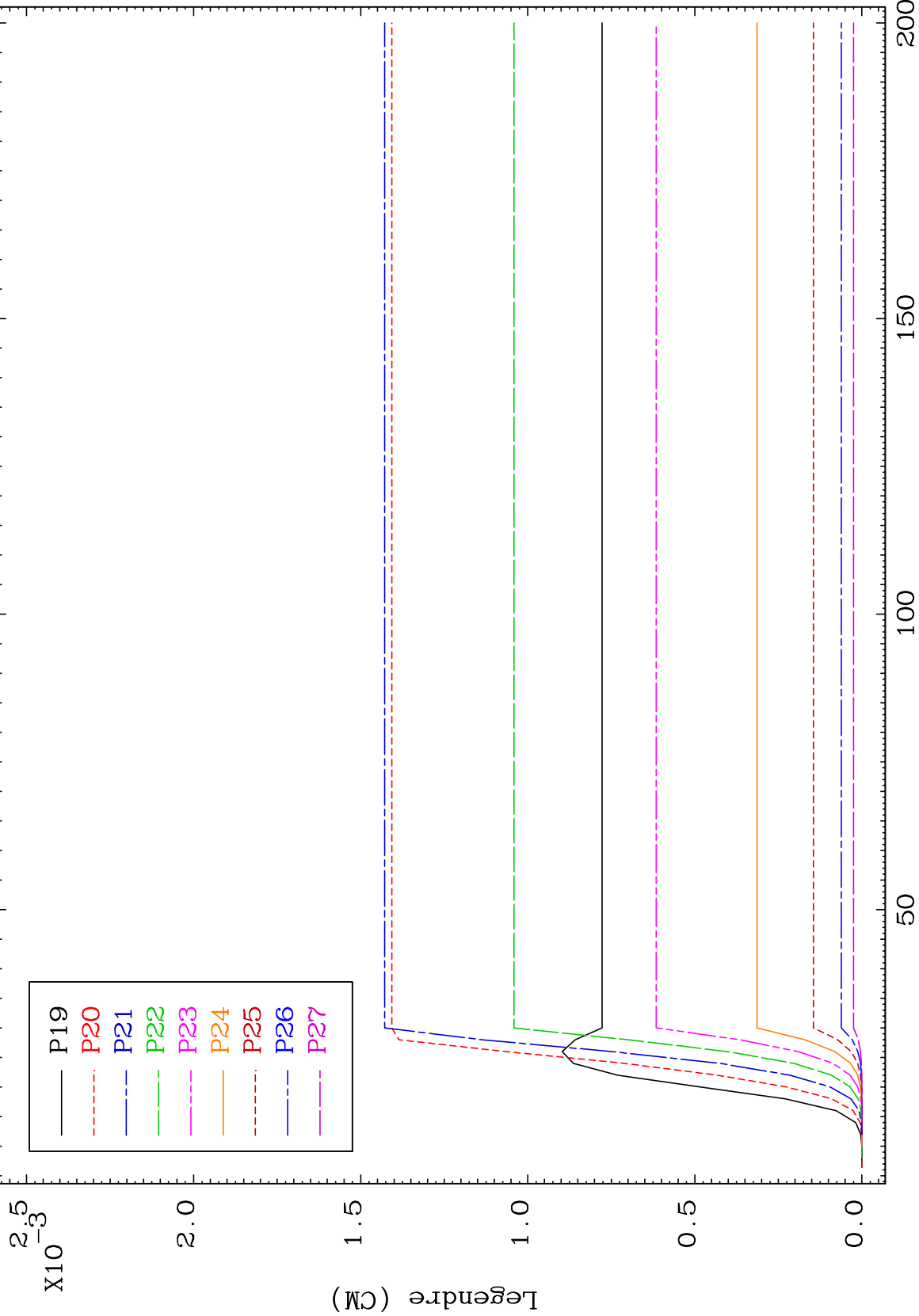
68-Er-163

Legendre Coefficients





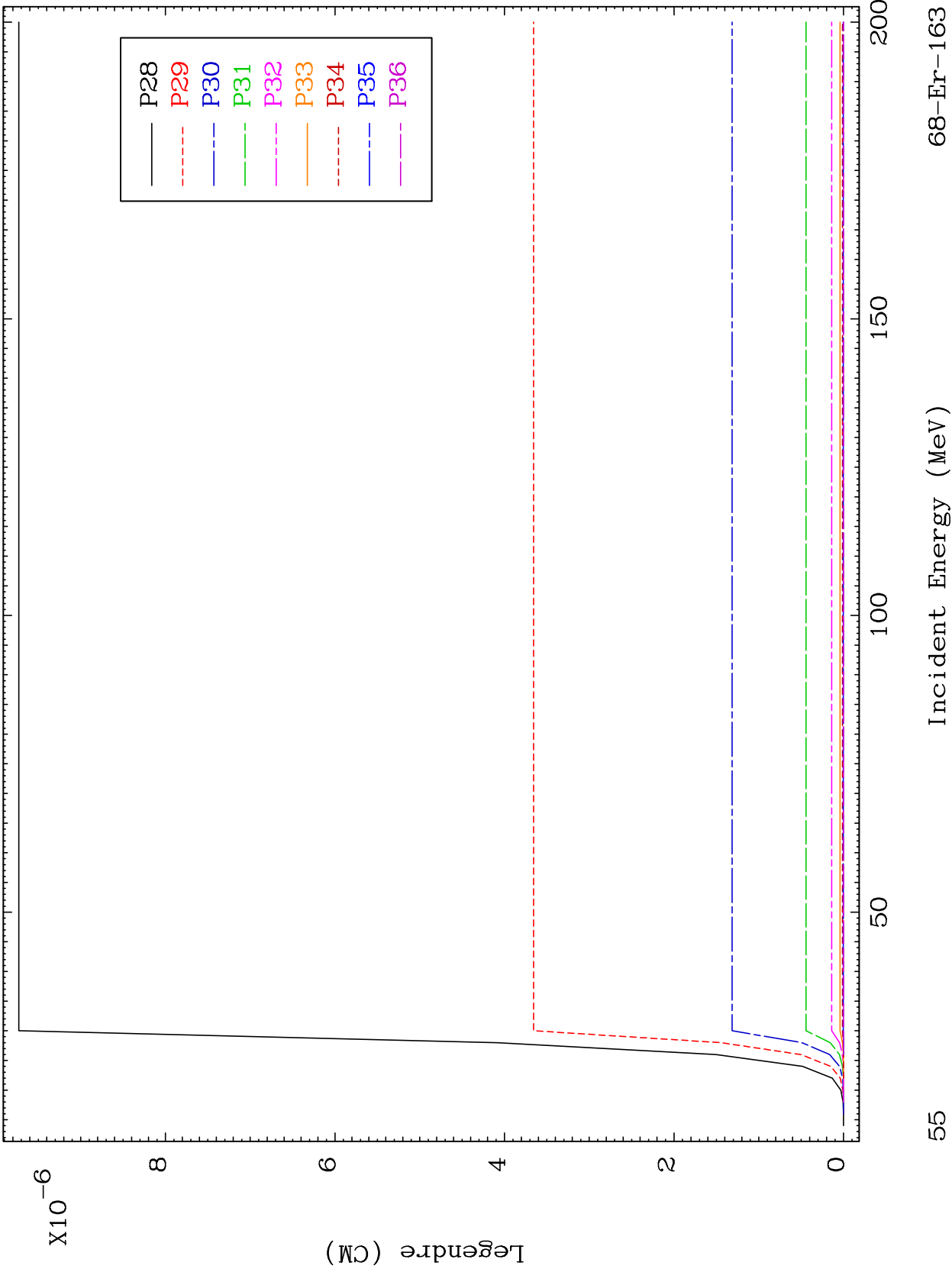




MAT 6828

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

68-Er-163



55

Incident Energy (MeV)

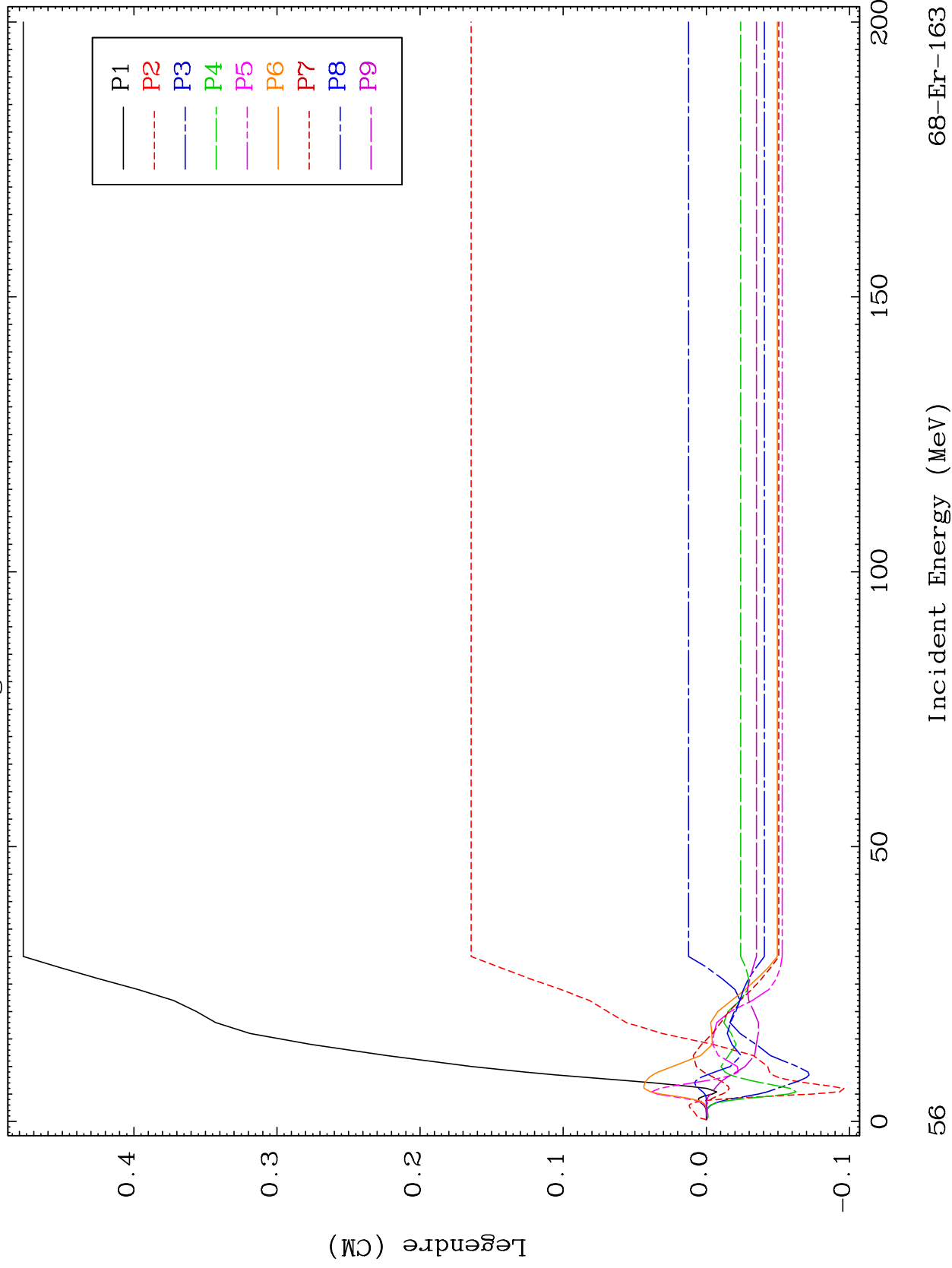
68-Er-163



MAT 6828

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

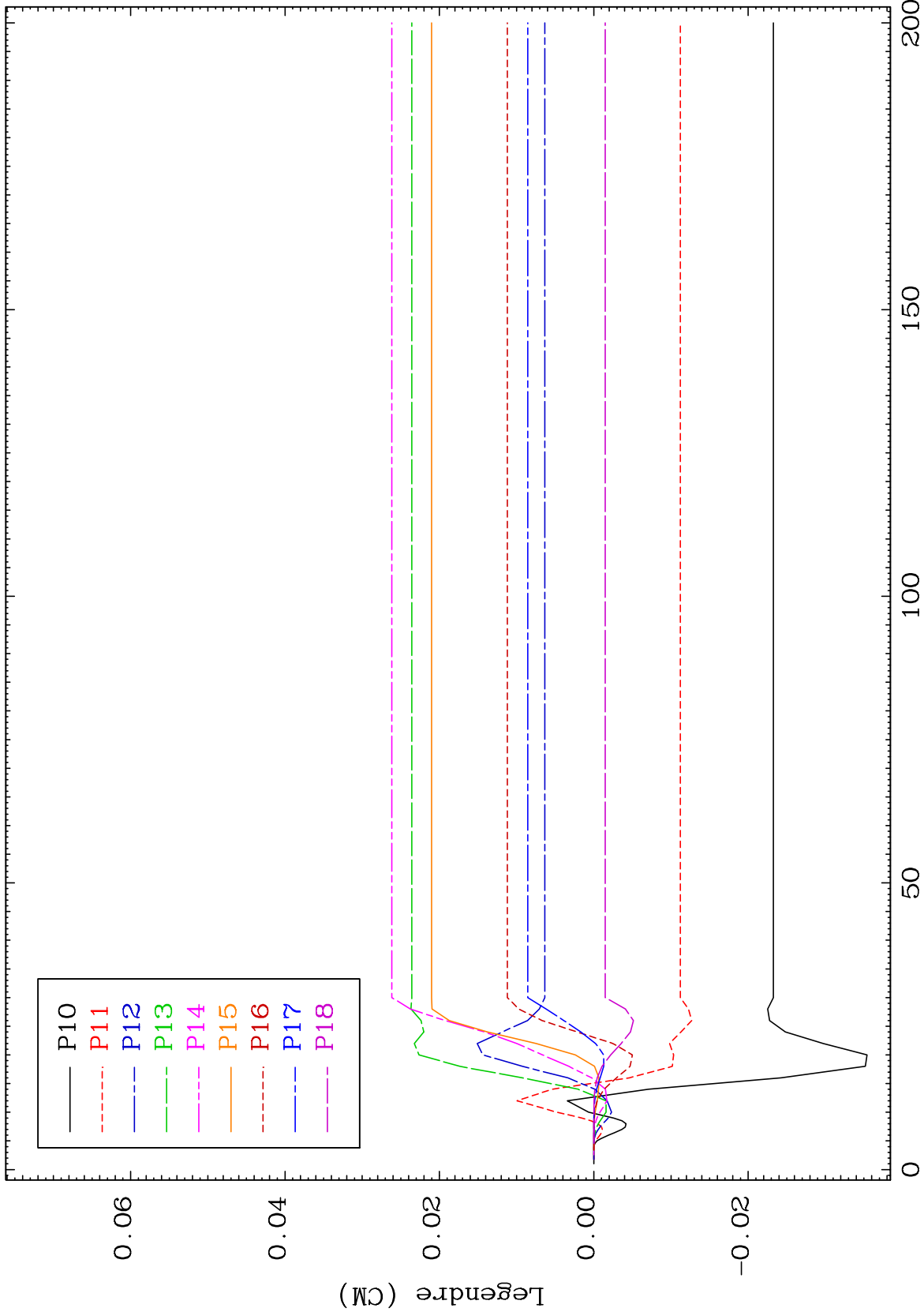
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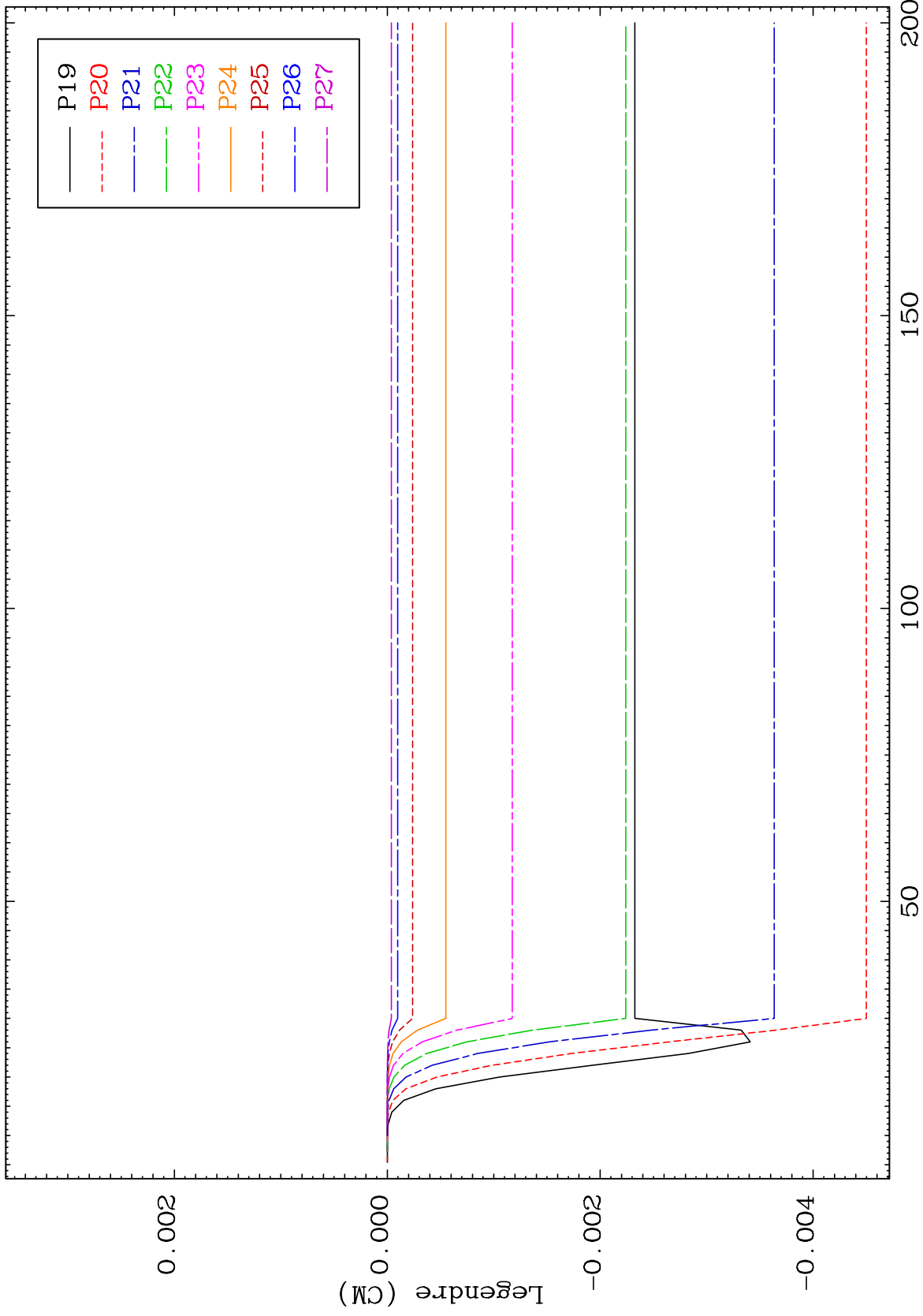


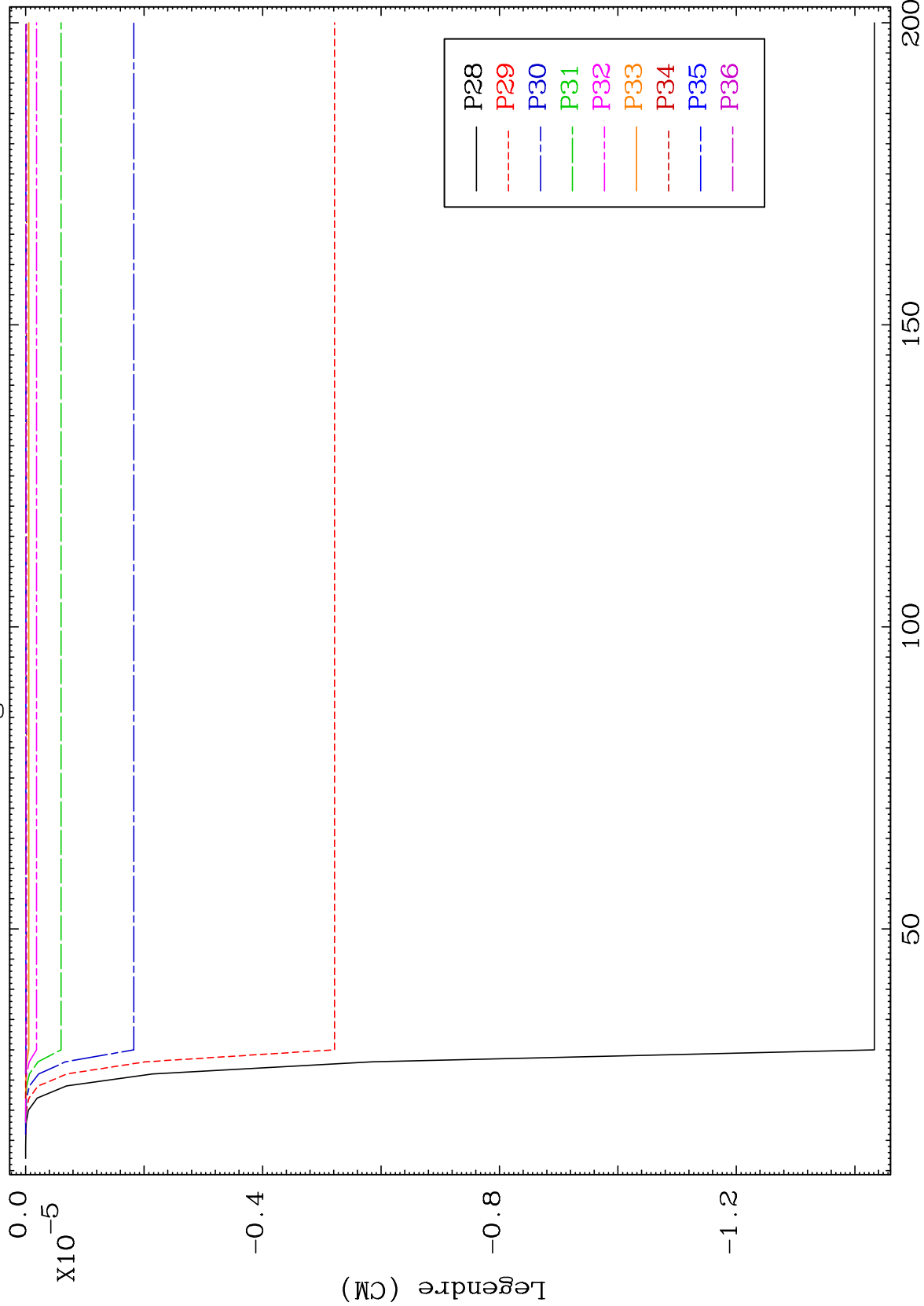
68-Er-163

Incident Energy (MeV)

56



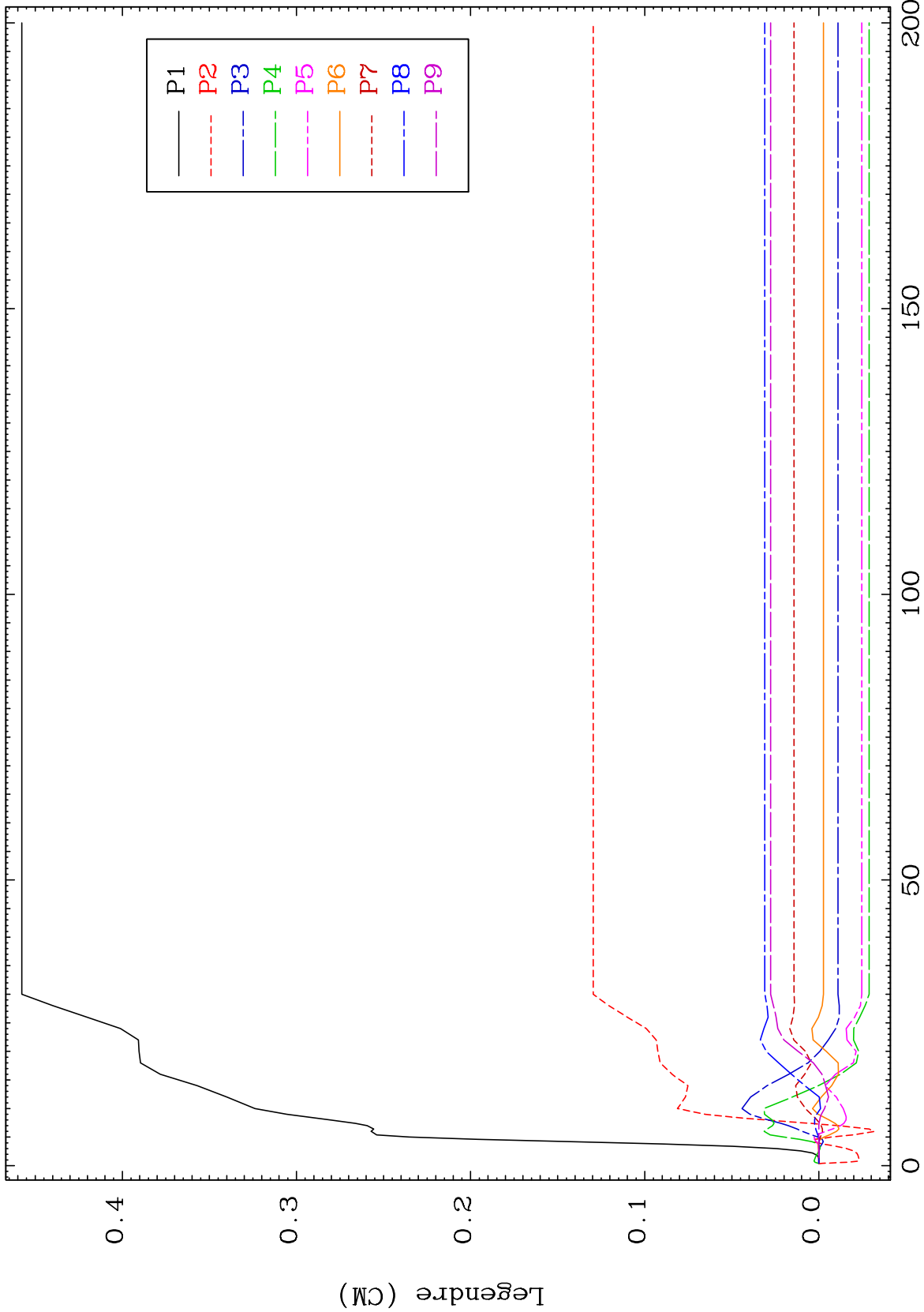




MAT 6828

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

68-Er-163



68-Er-163

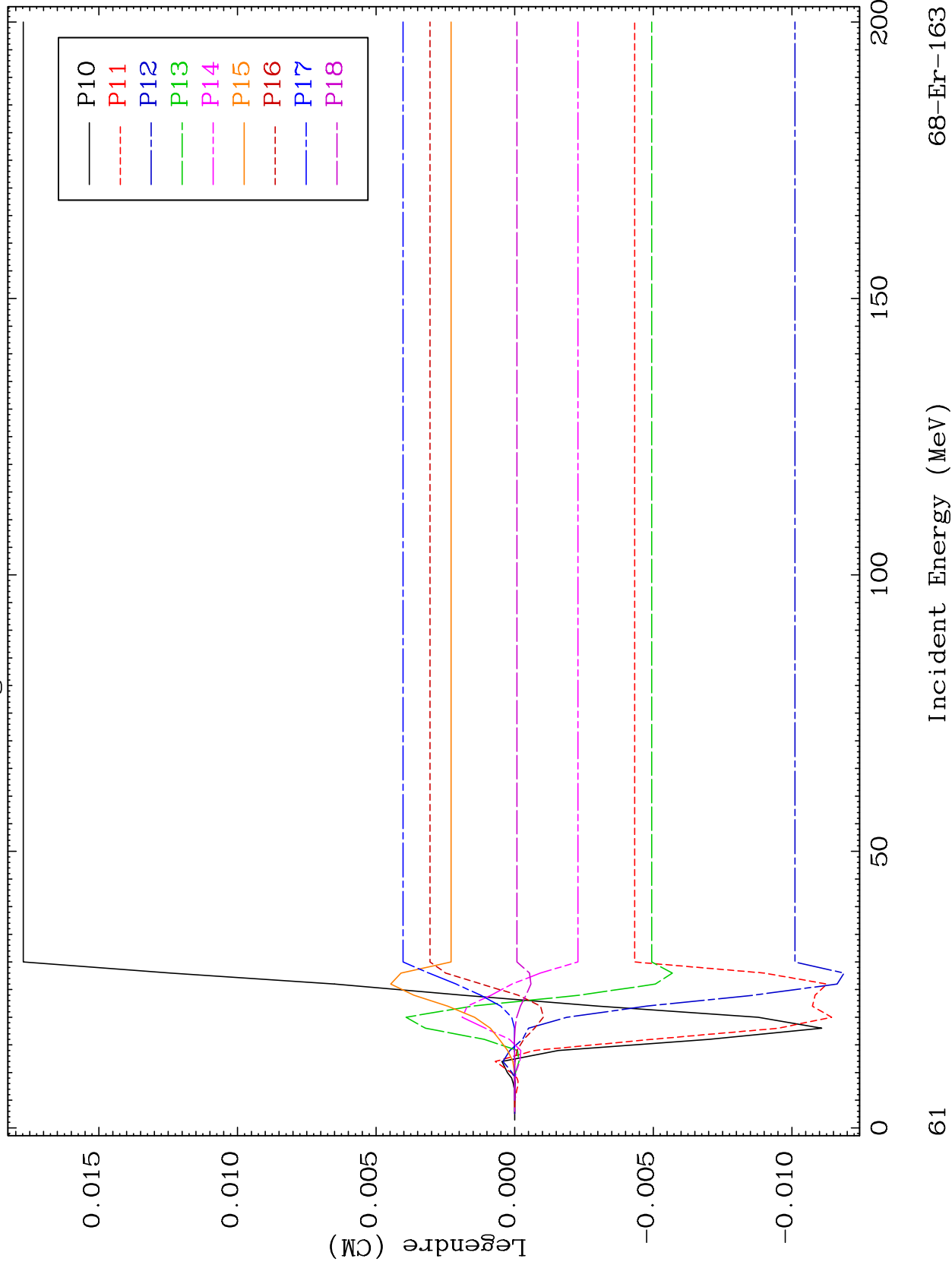
Incident Energy (MeV)

60

MAT 6828

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

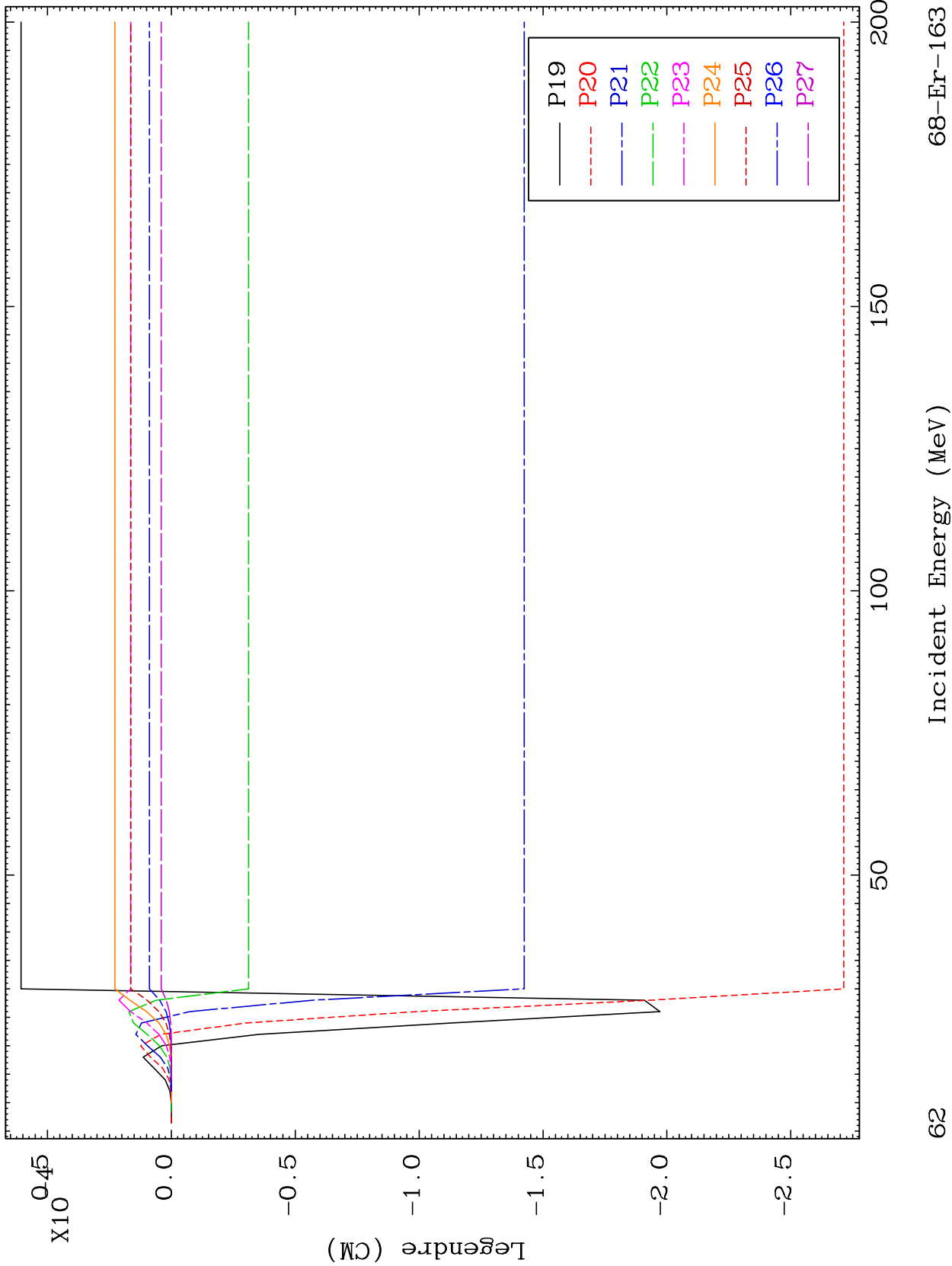
68-Er-163



61

Incident Energy (MeV)

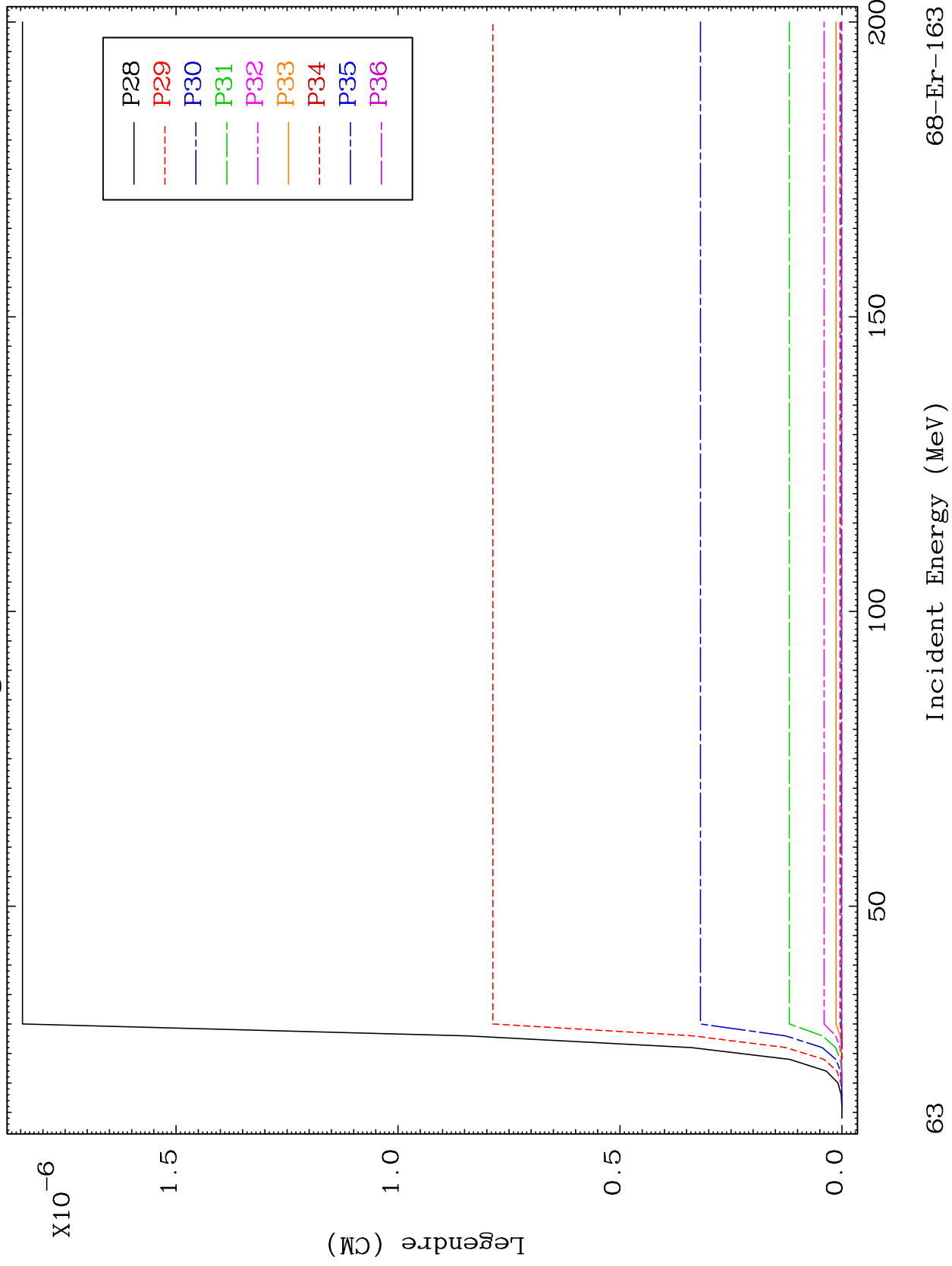
68-Er-163



MAT 6828

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

68-Er-163



63

Incident Energy (MeV)

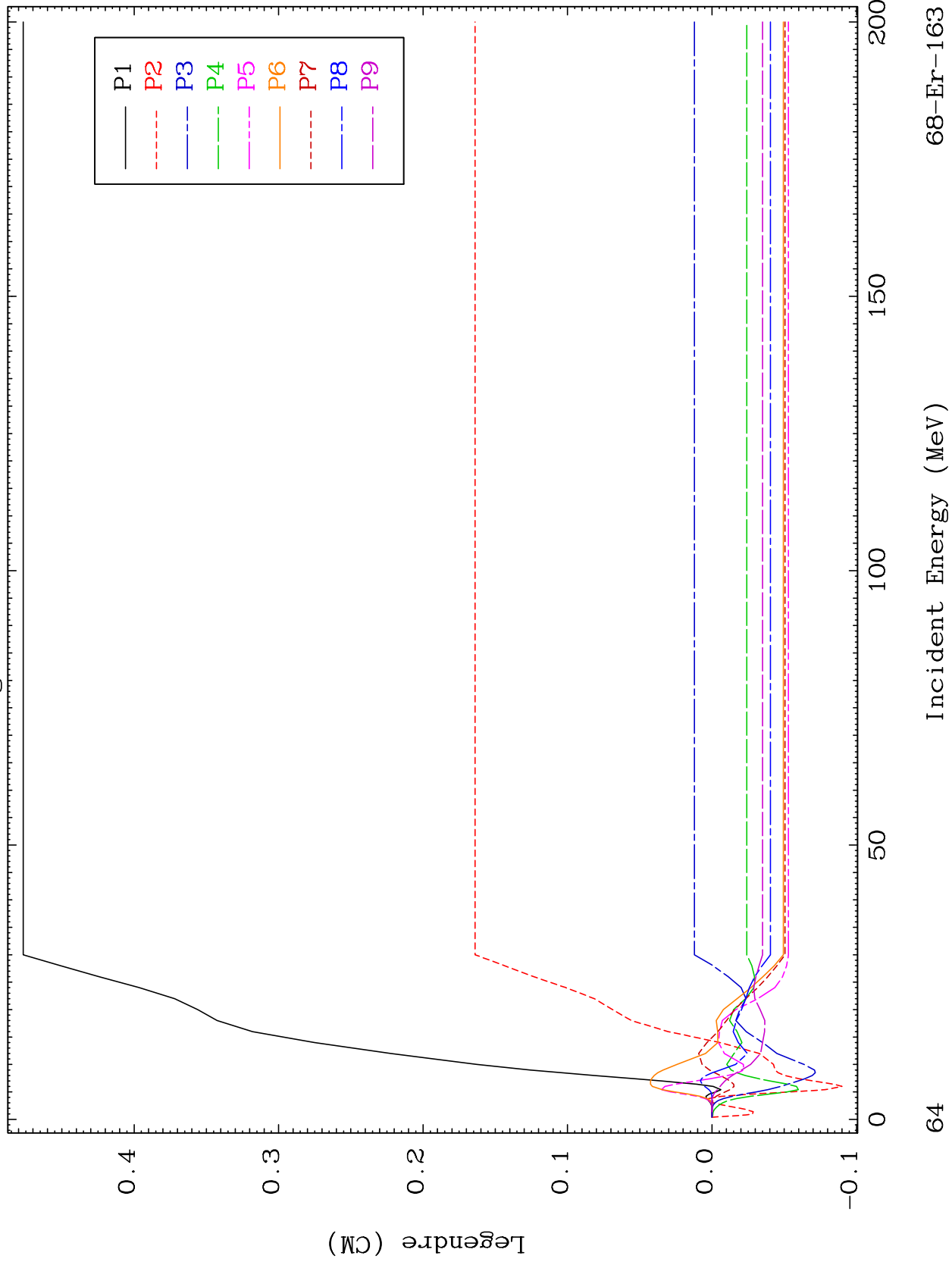
68-Er-163



MAT 6828

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

68-Er-163



68-Er-163

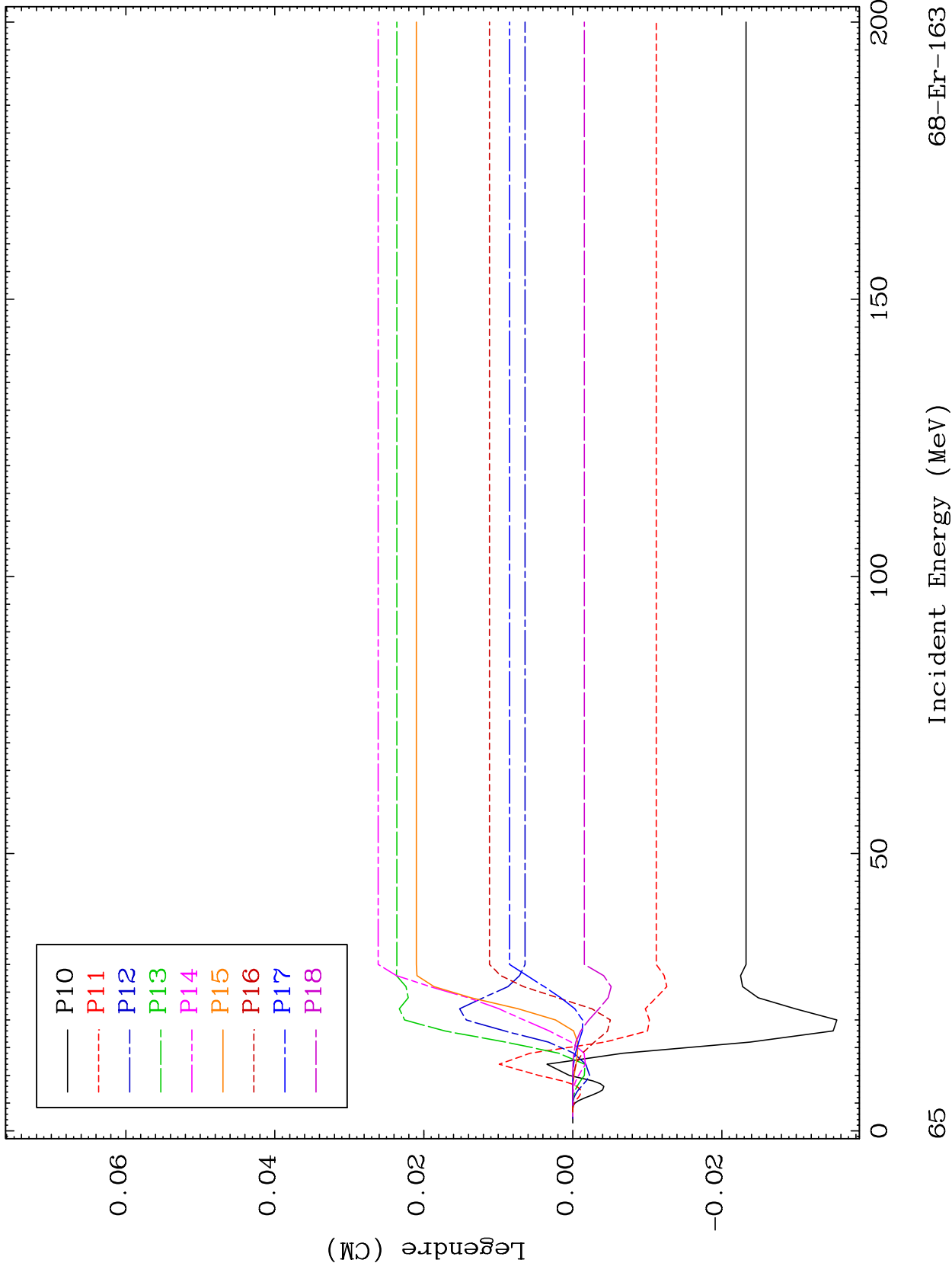
Incident Energy (MeV)

64

MAT 6828

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

68-Er-163



68-Er-163

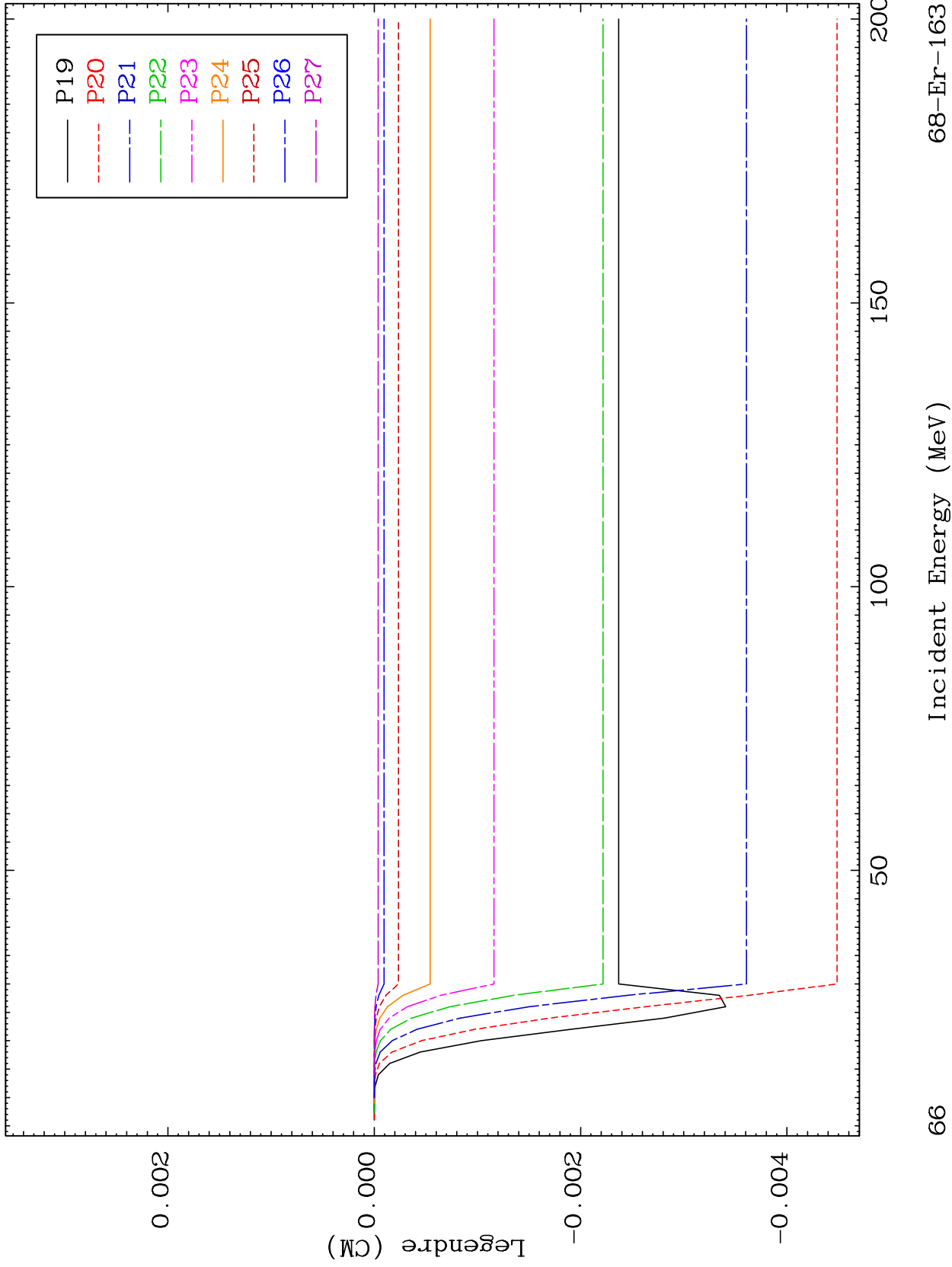
Incident Energy (MeV)

65

MAT 6828

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

68-Er-163



66

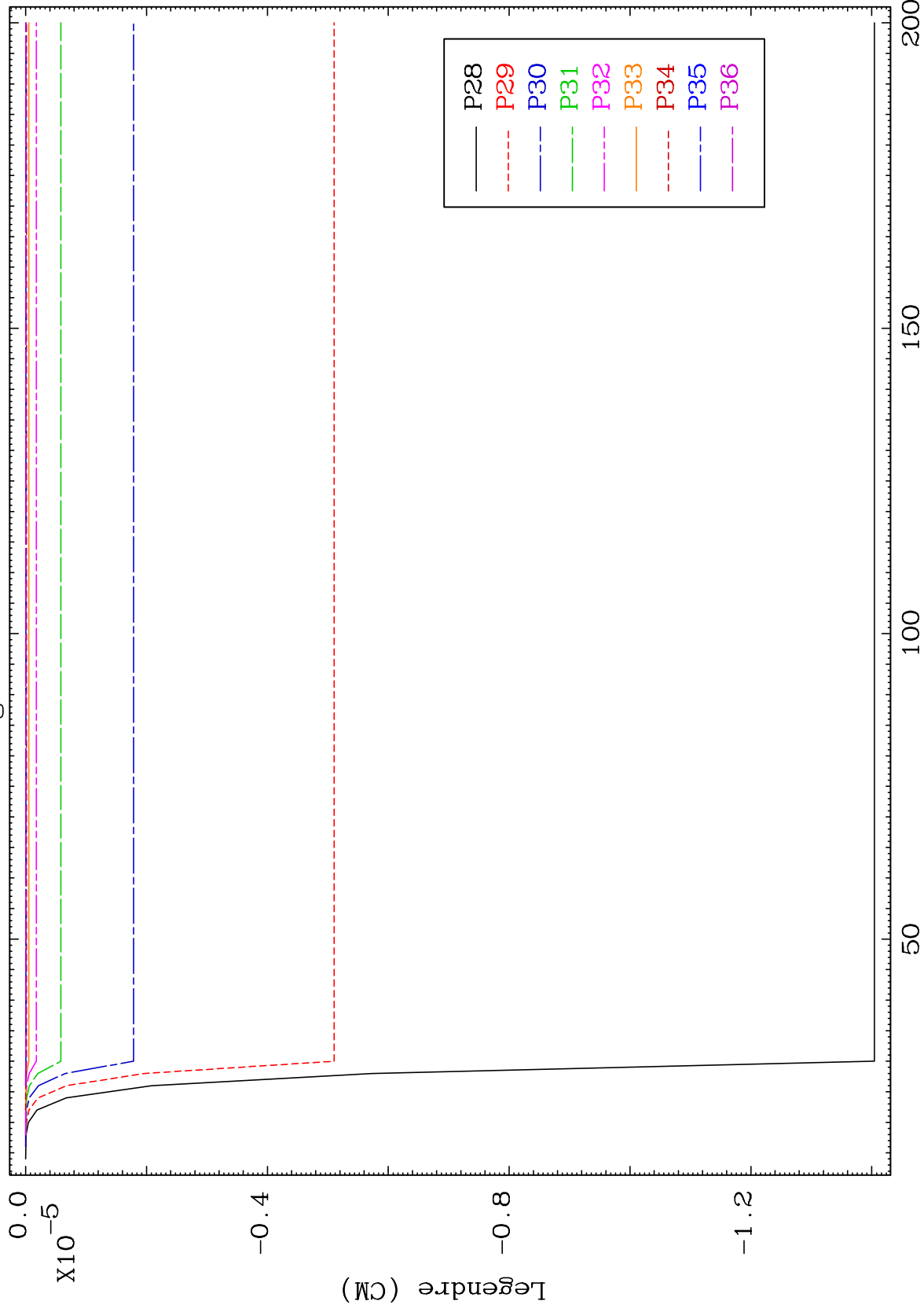
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163

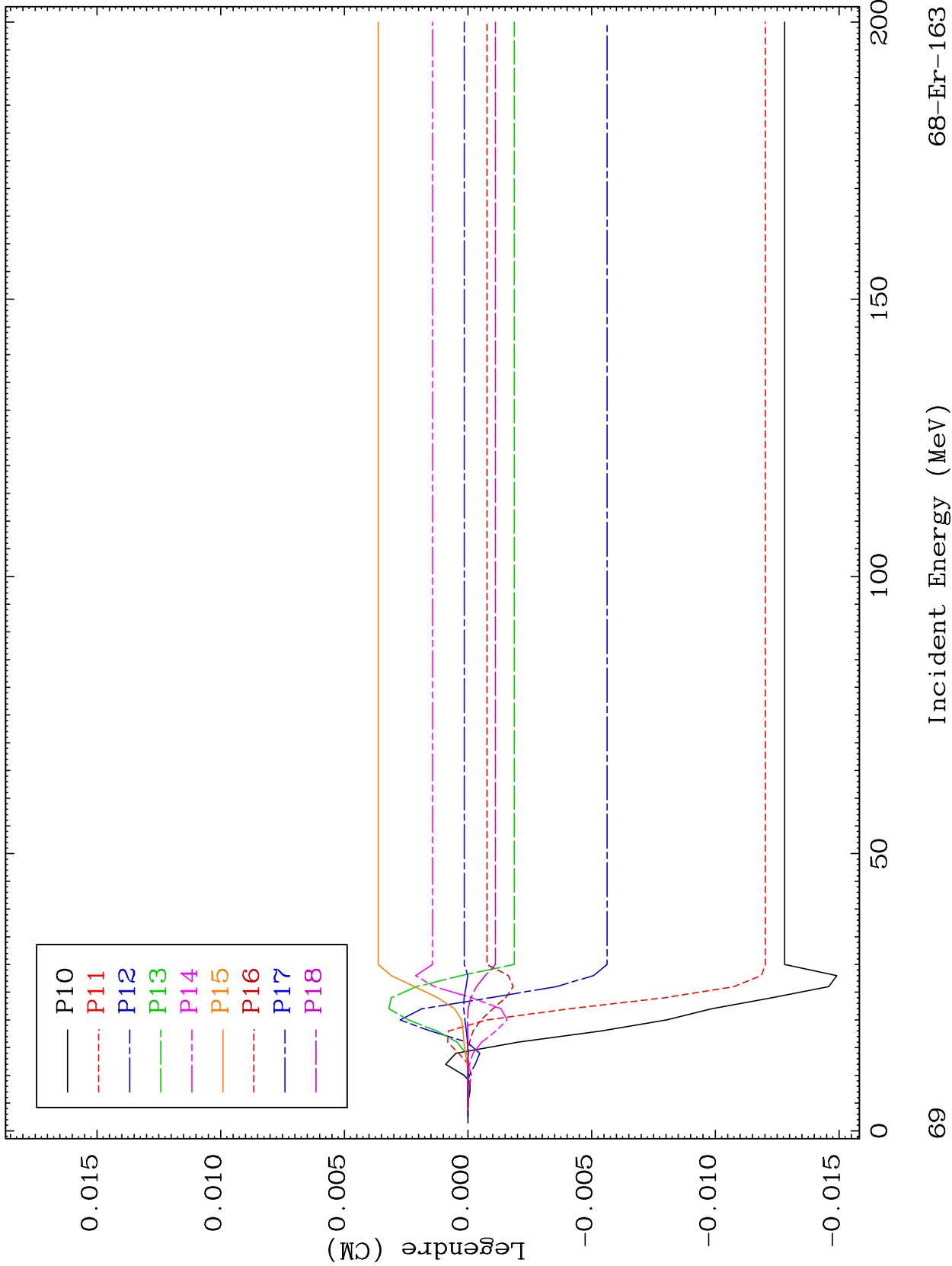


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Incident Energy (MeV)

68-Er-163

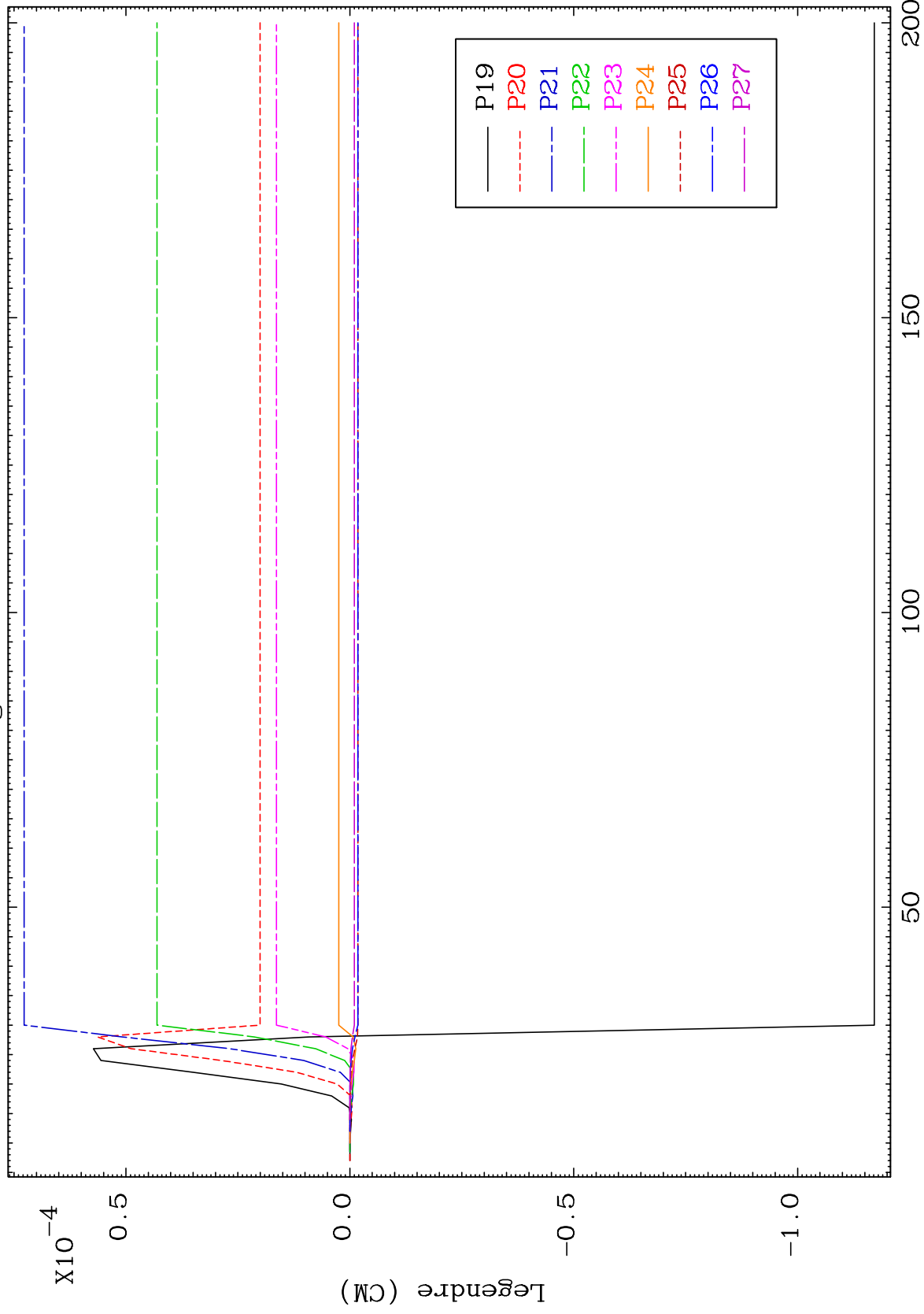




MAT 6828

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

68-Er-163



70

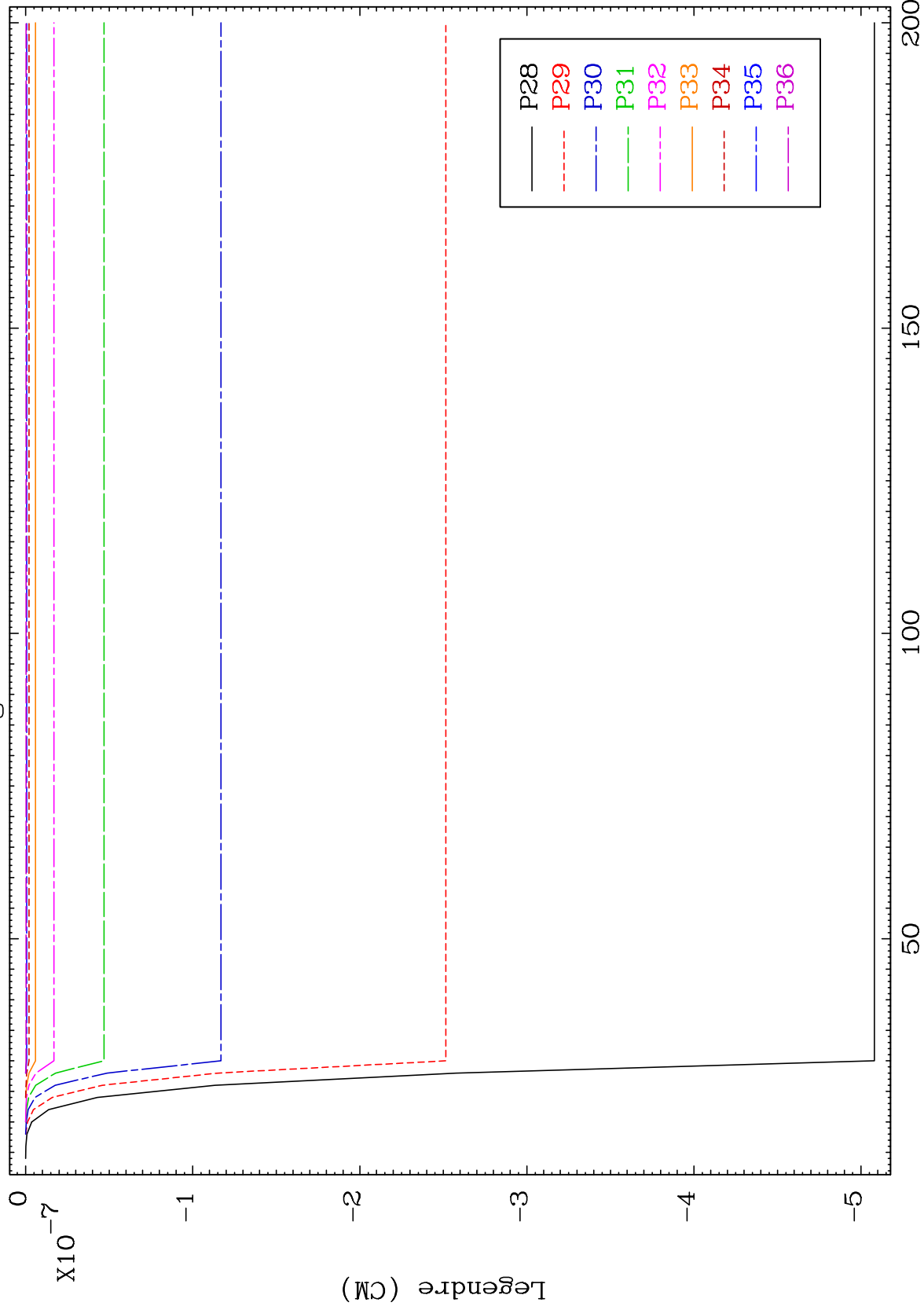
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163

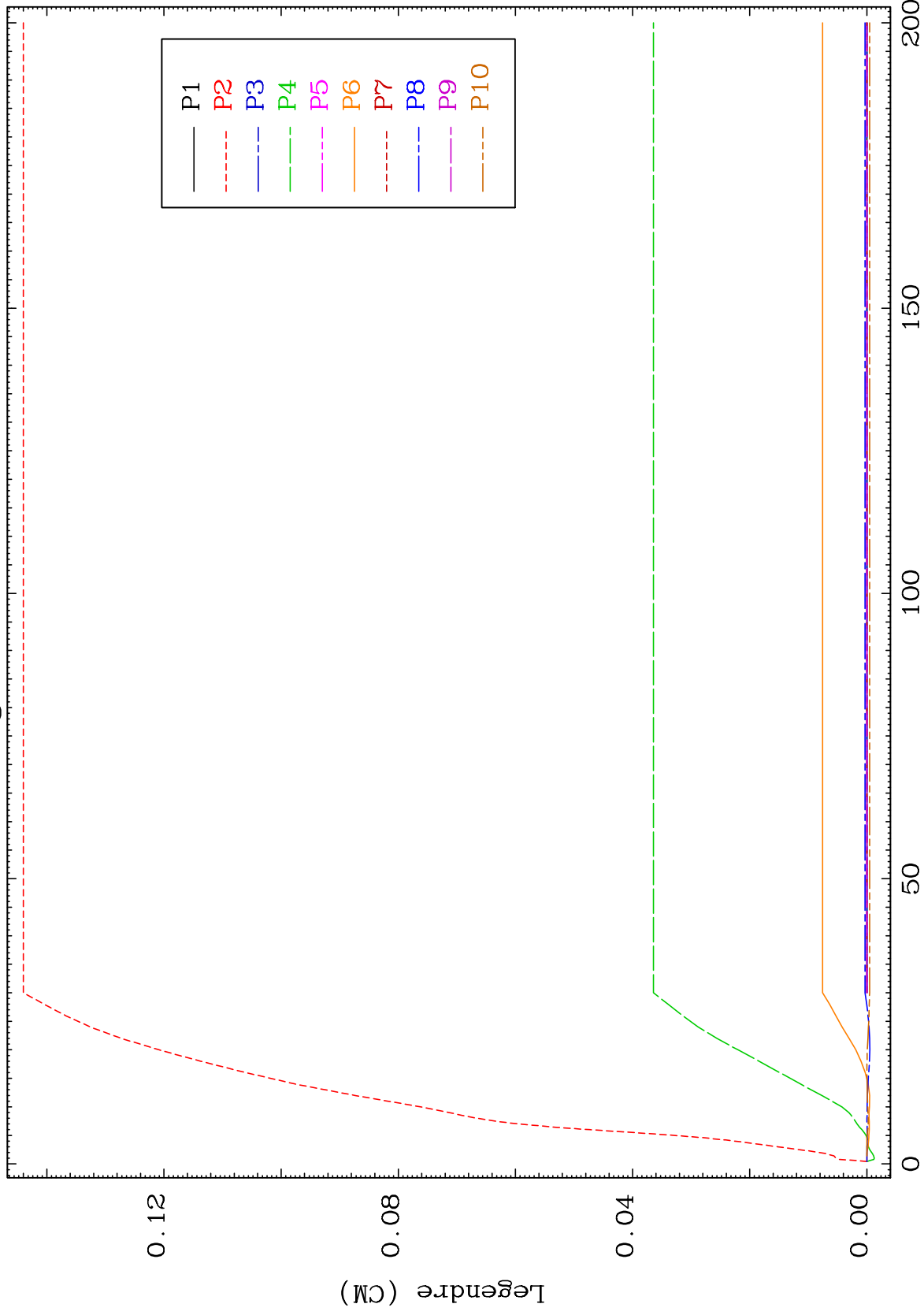




MAT 6828

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

68-Er-163



72

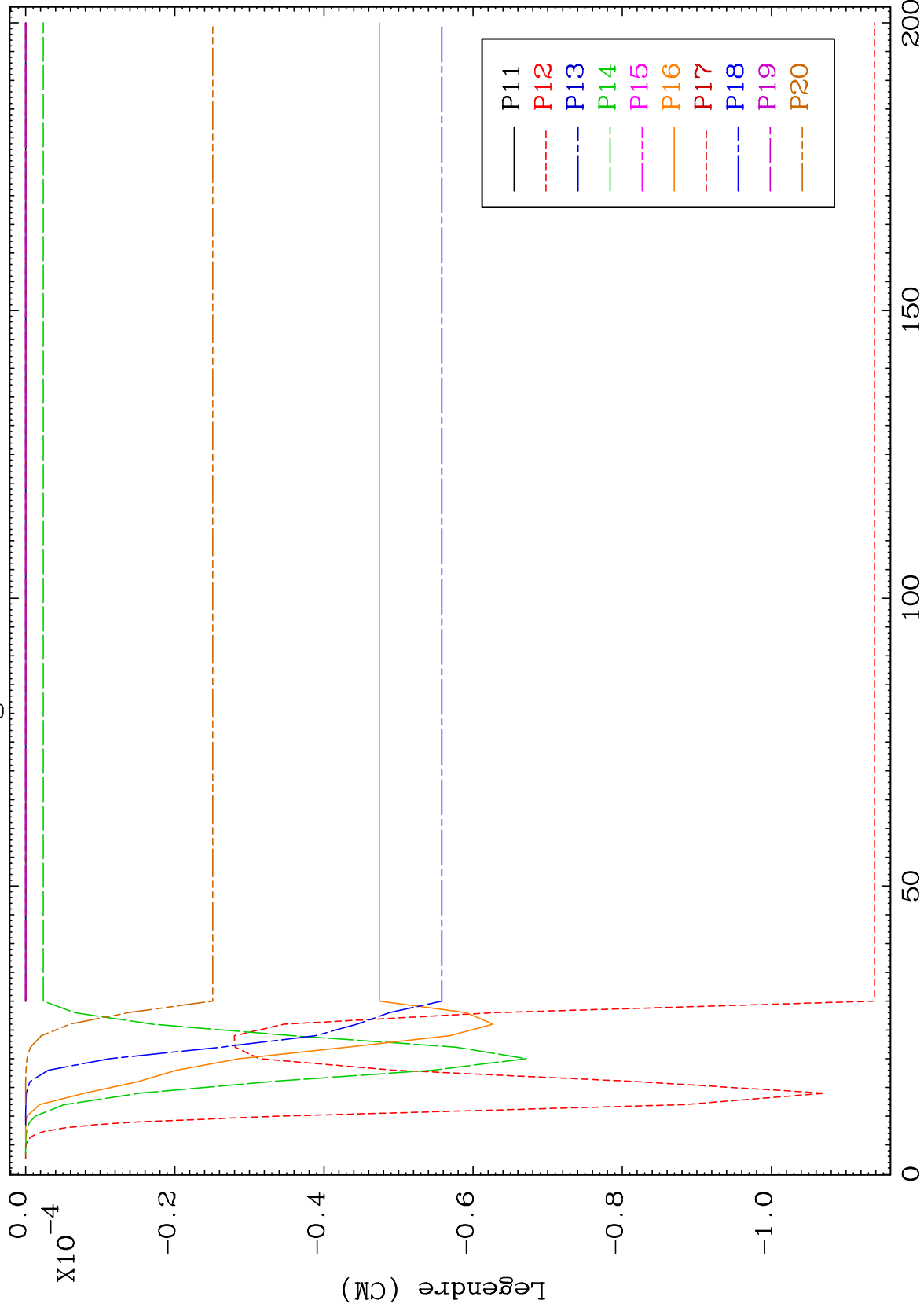
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



73

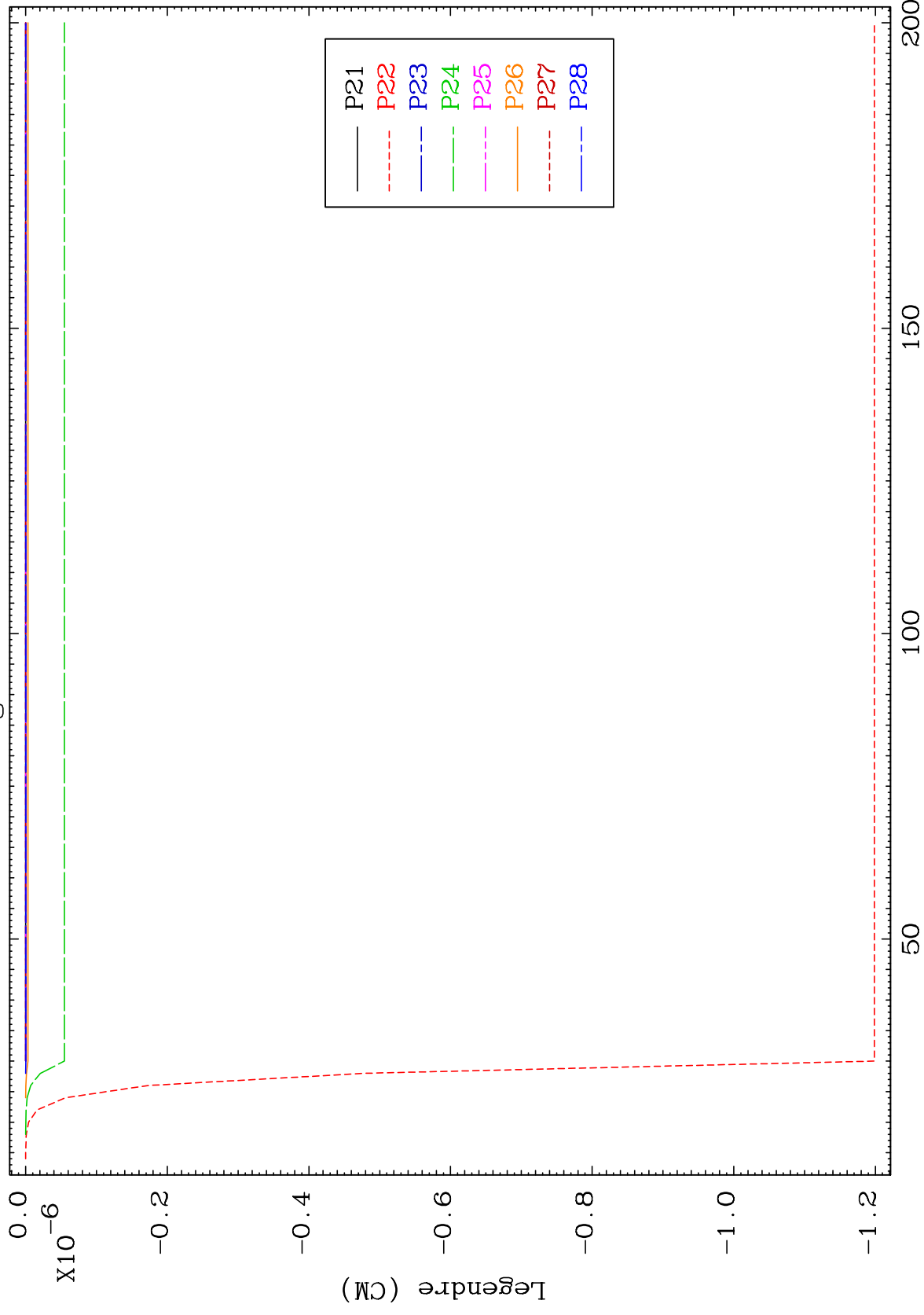
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



74

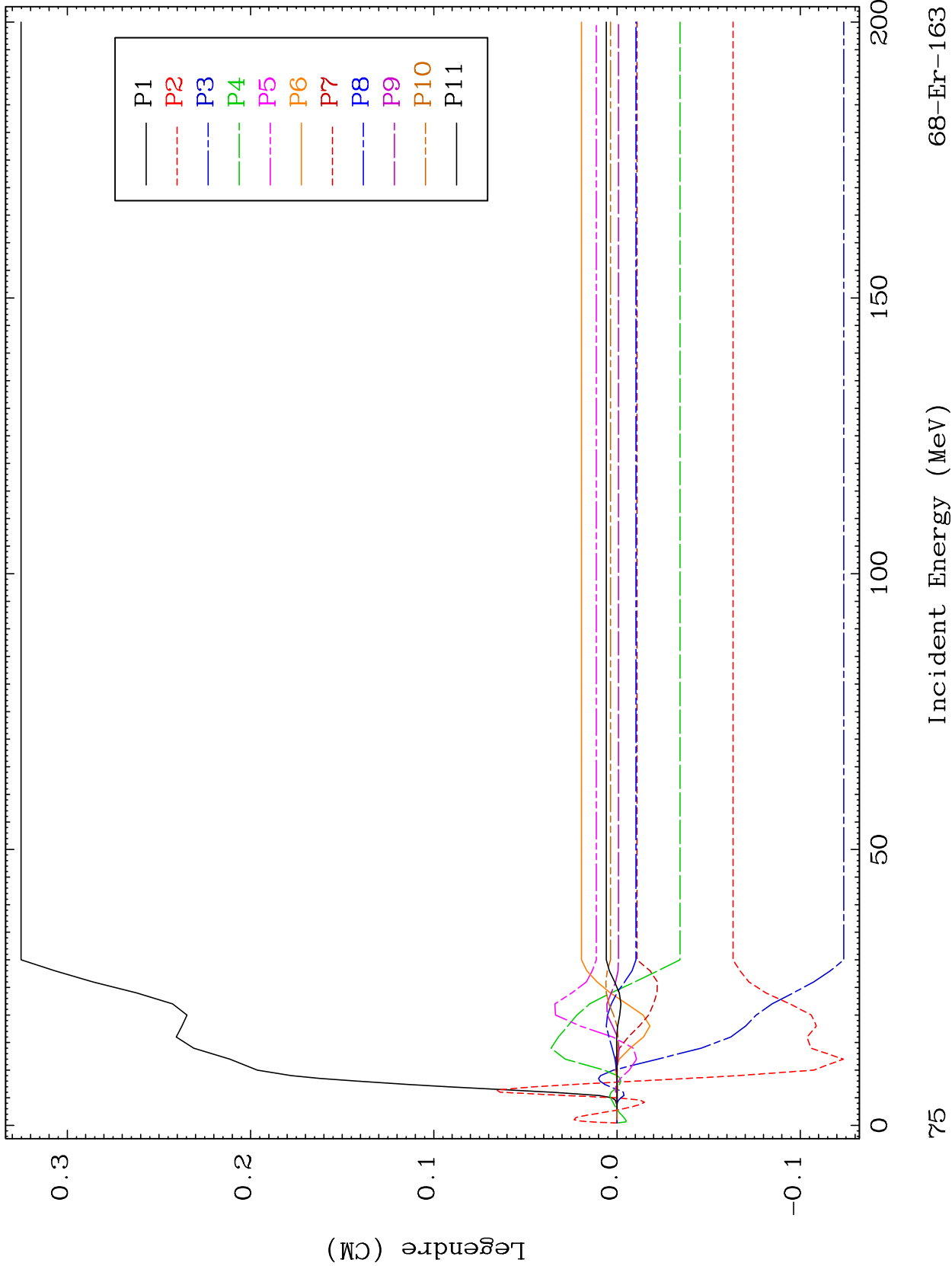
Incident Energy (MeV)

68-Er-163

MAT 6828

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

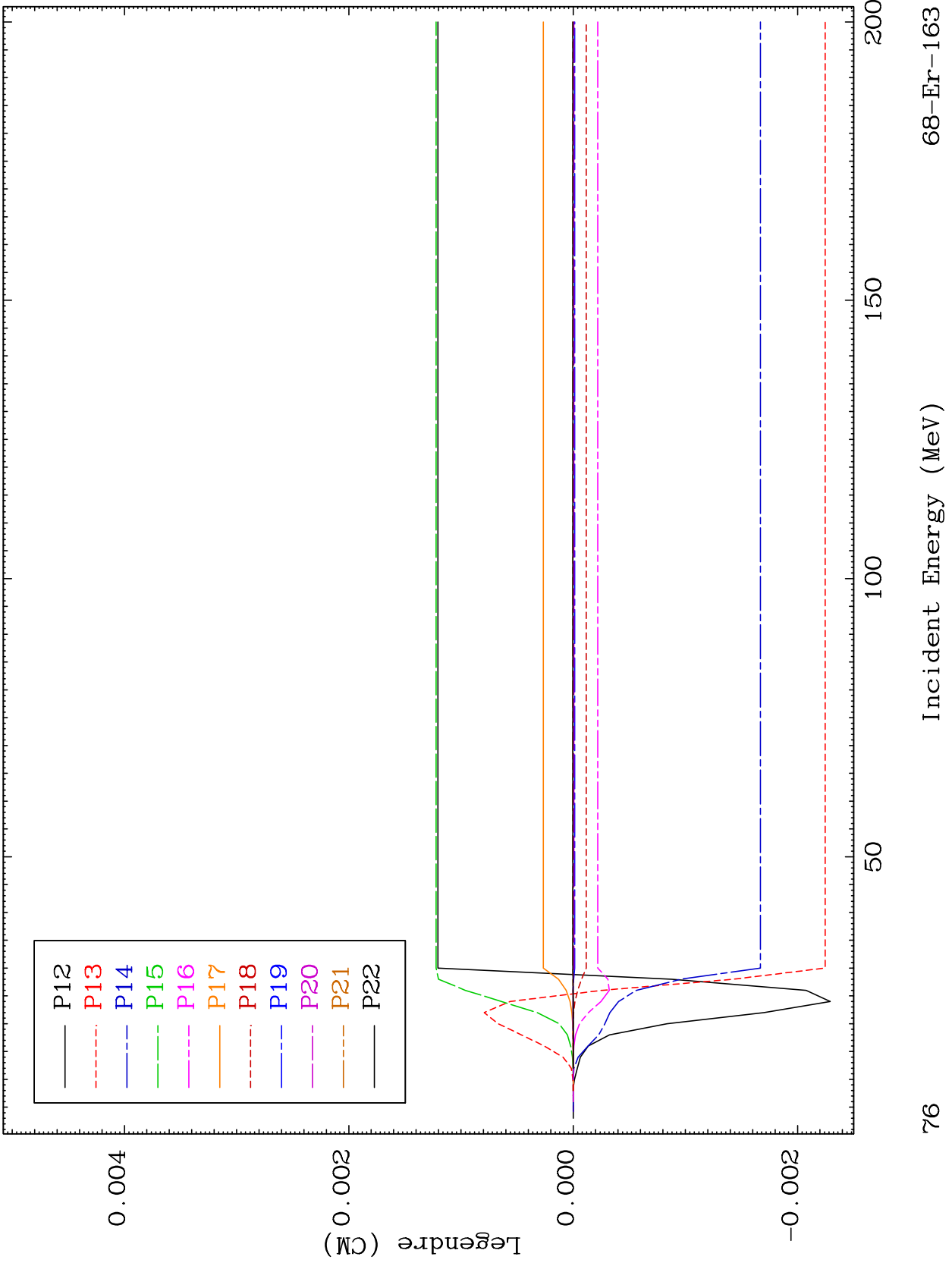
68-Er-163



68-Er-163

Incident Energy (MeV)

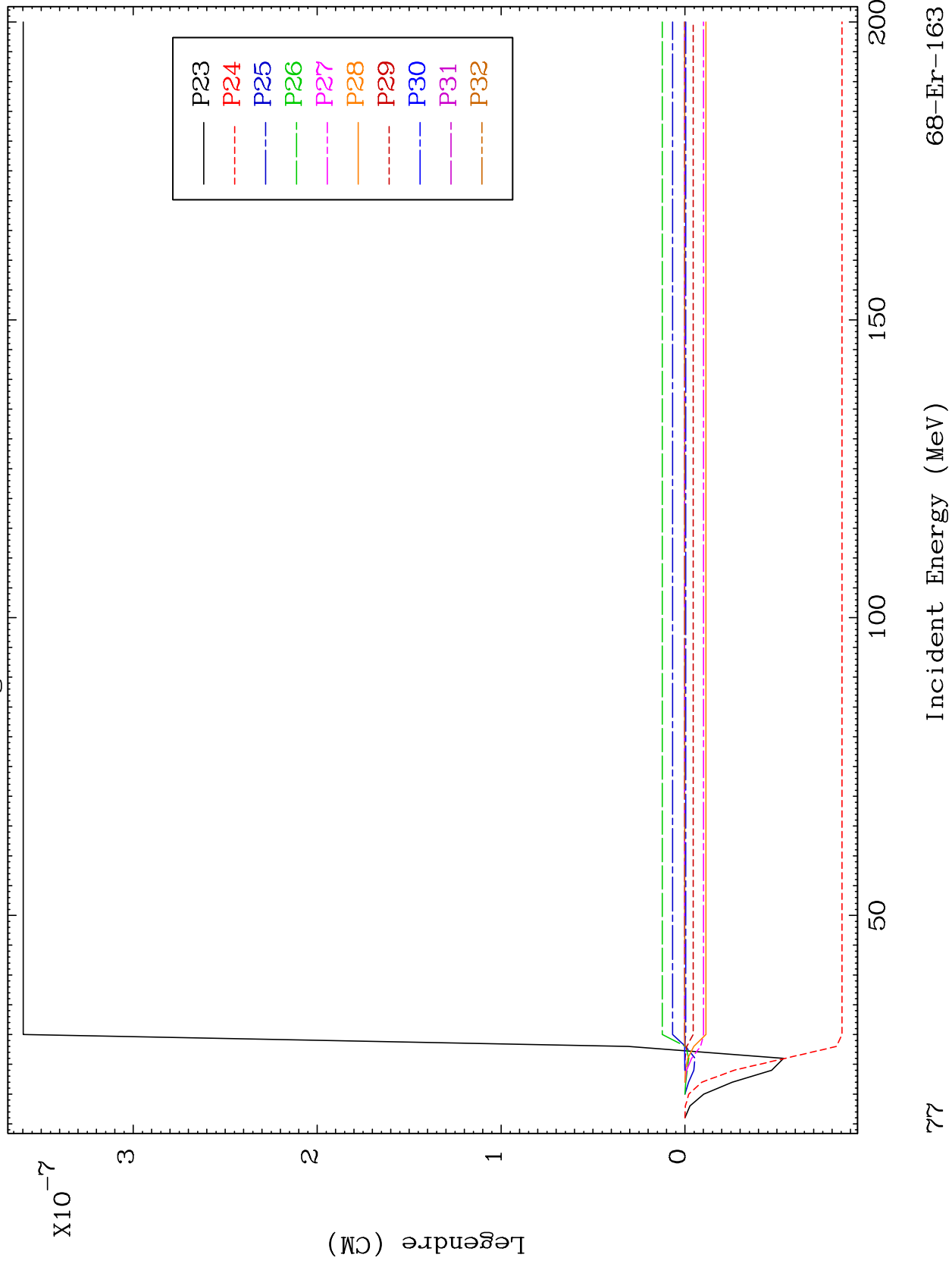
75



MAT 6828

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

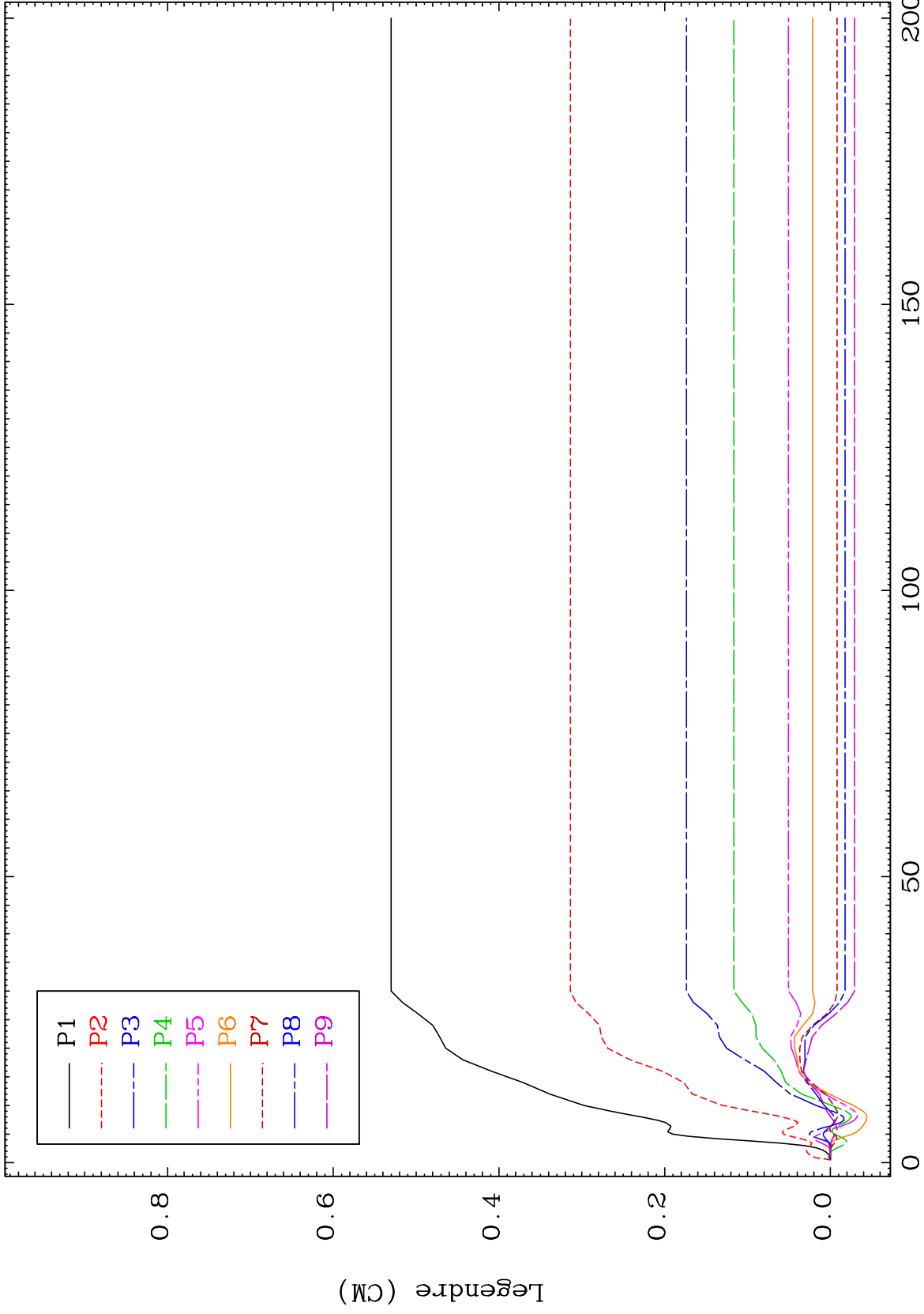
68-Er-163



MAT 6828

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

68-Er-163



78

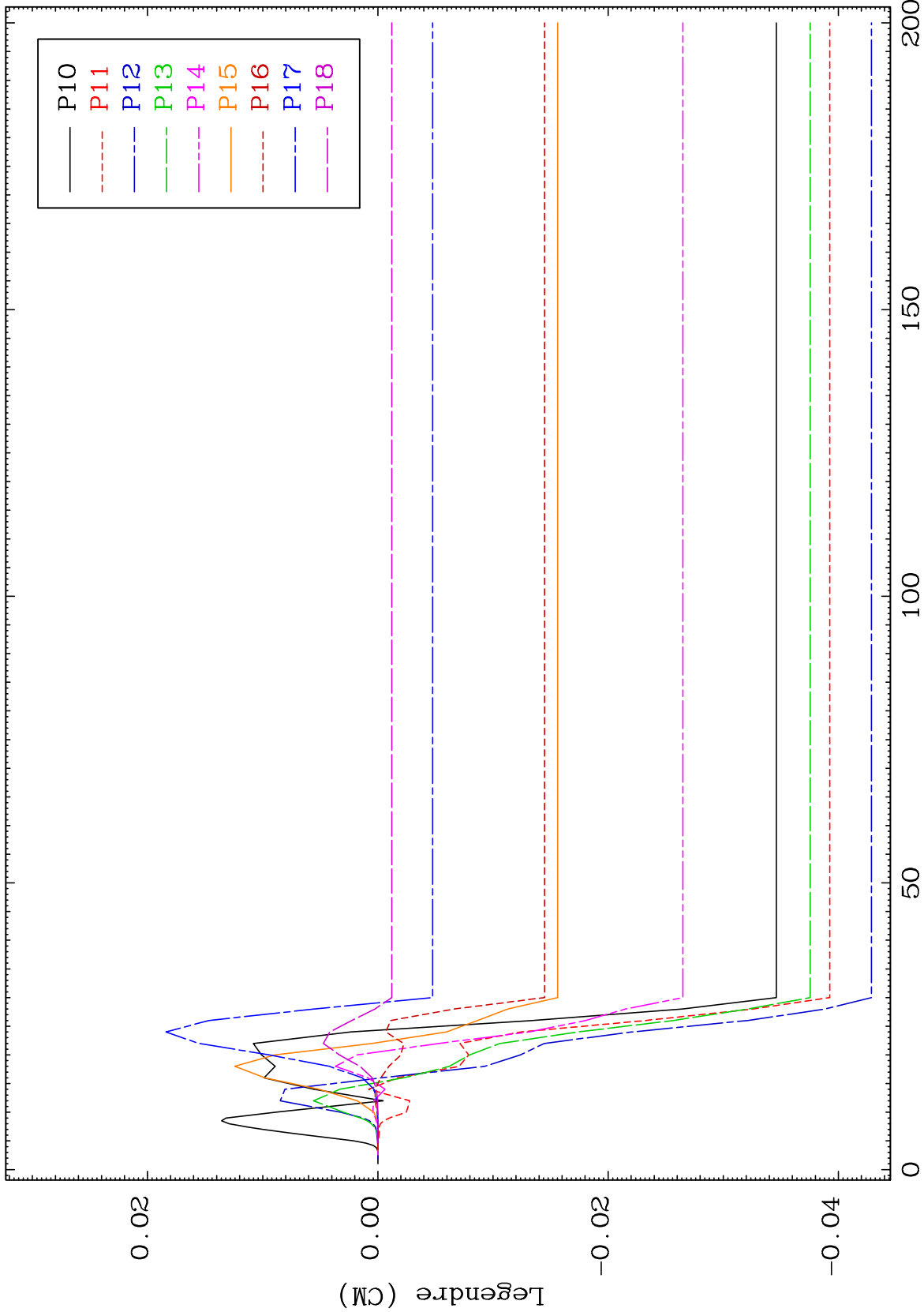
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



79

Incident Energy (MeV)

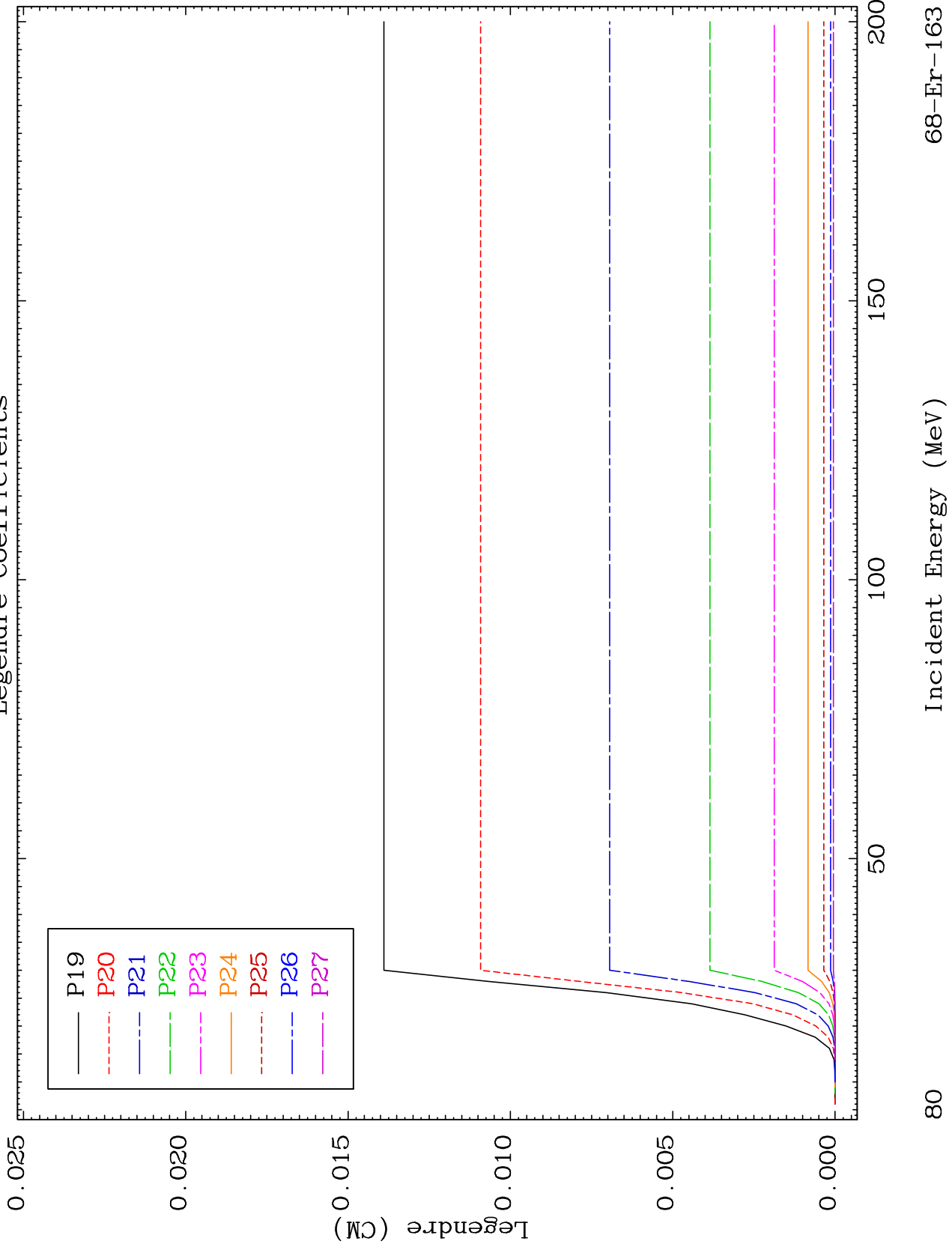
68-Er-163



MAT 6828

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

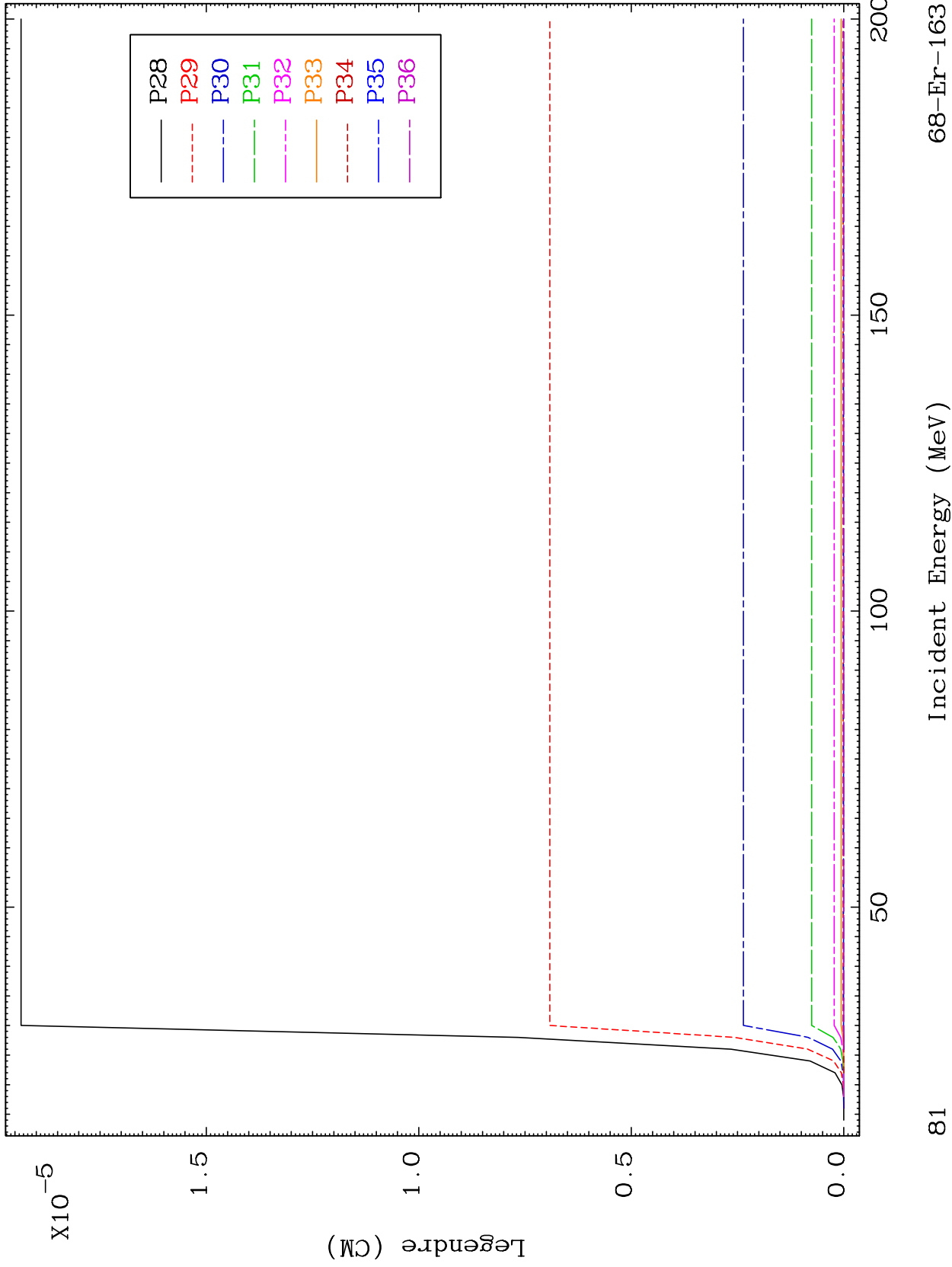
68-Er-163



80

Incident Energy (MeV)

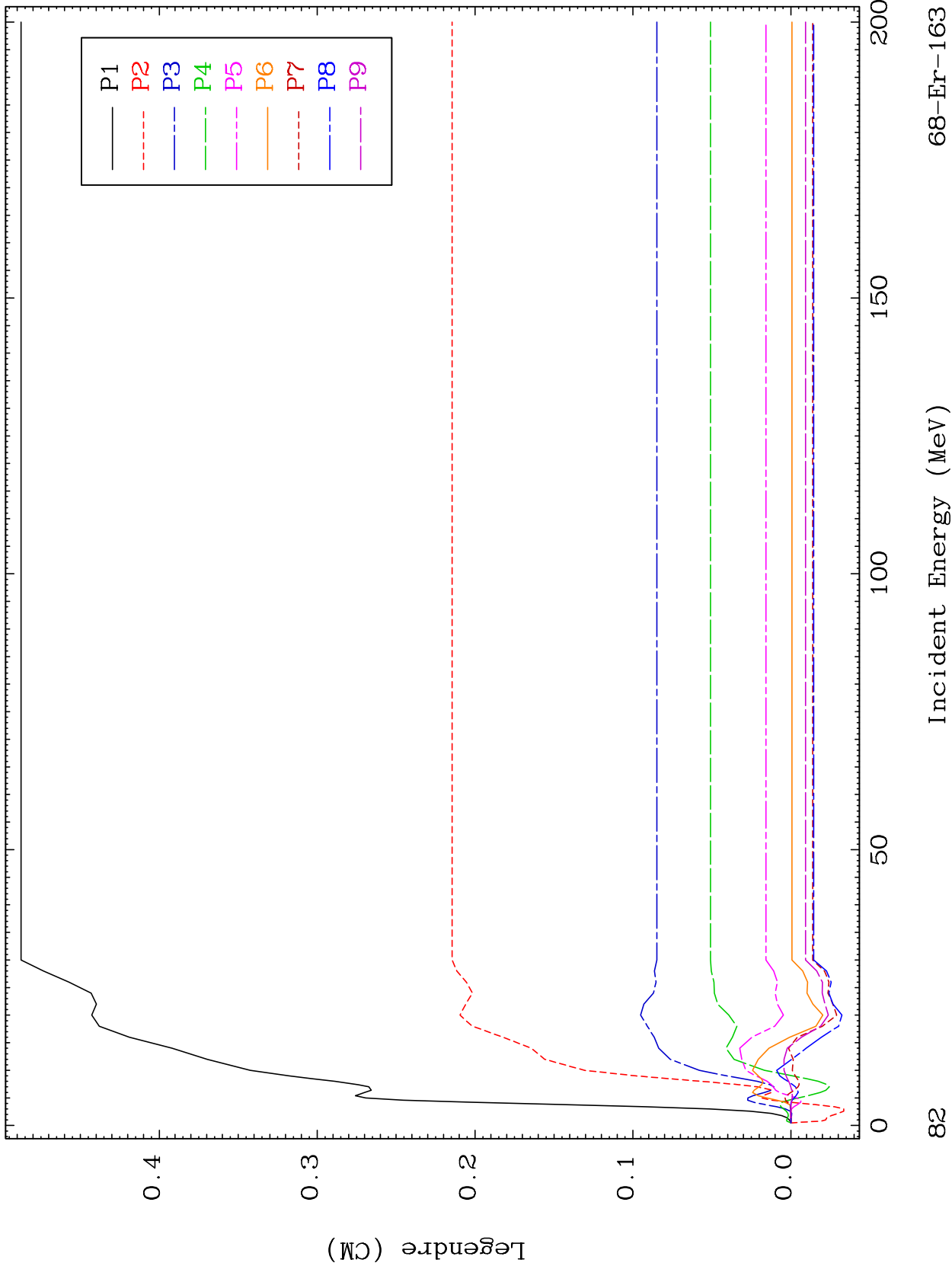
68-Er-163



MAT 6828

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

68-Er-163

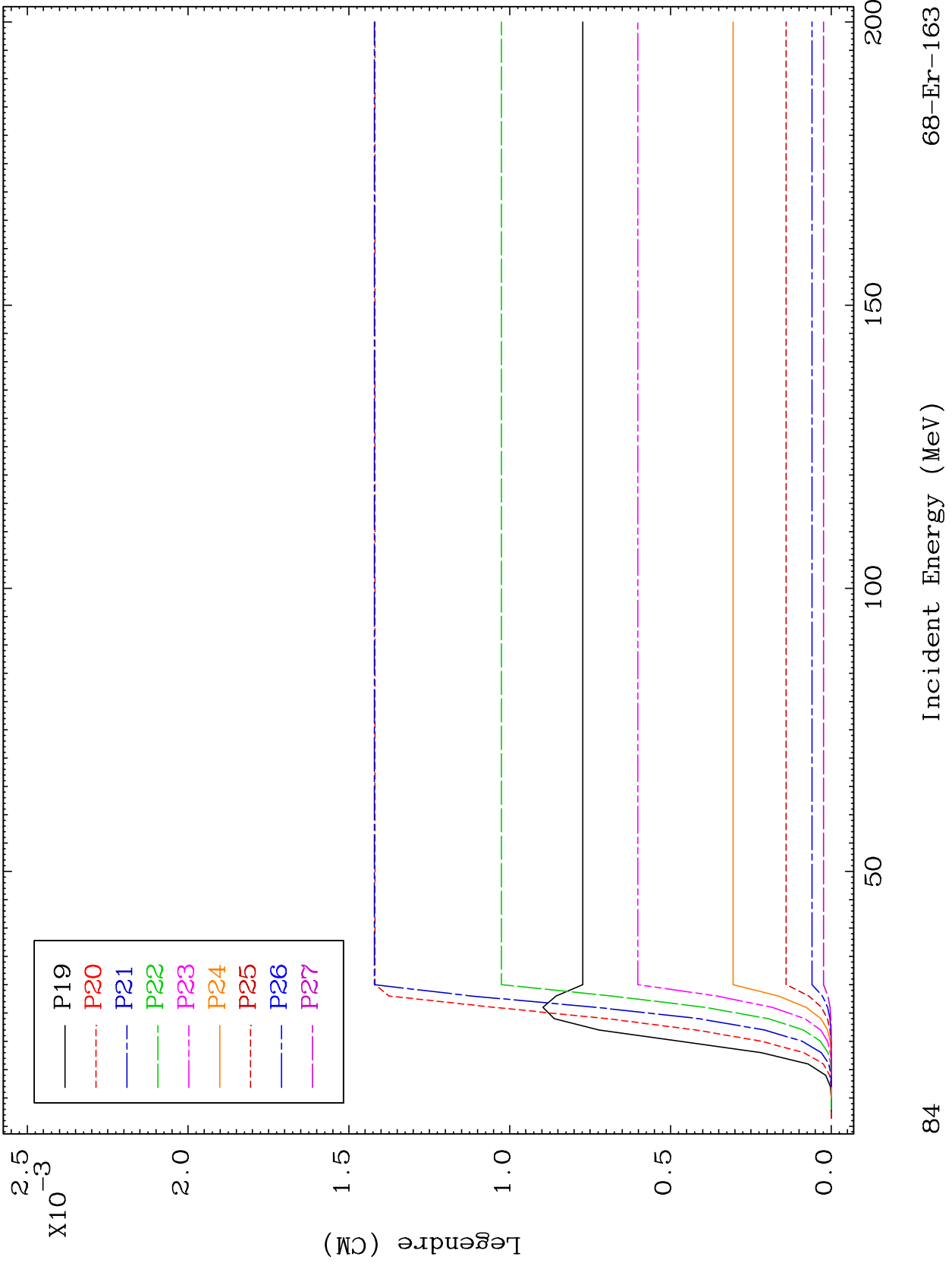


82

Incident Energy (MeV)

68-Er-163

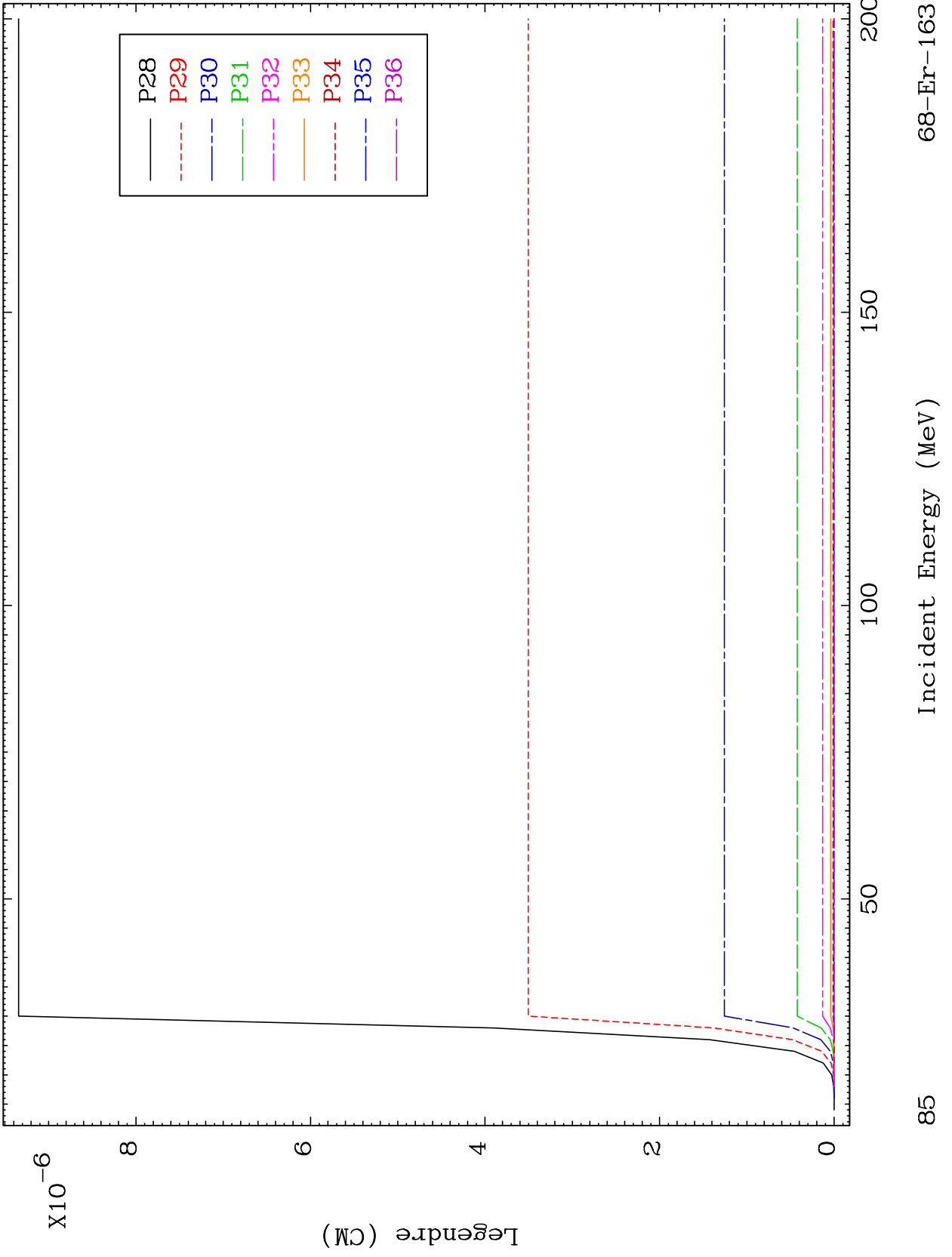




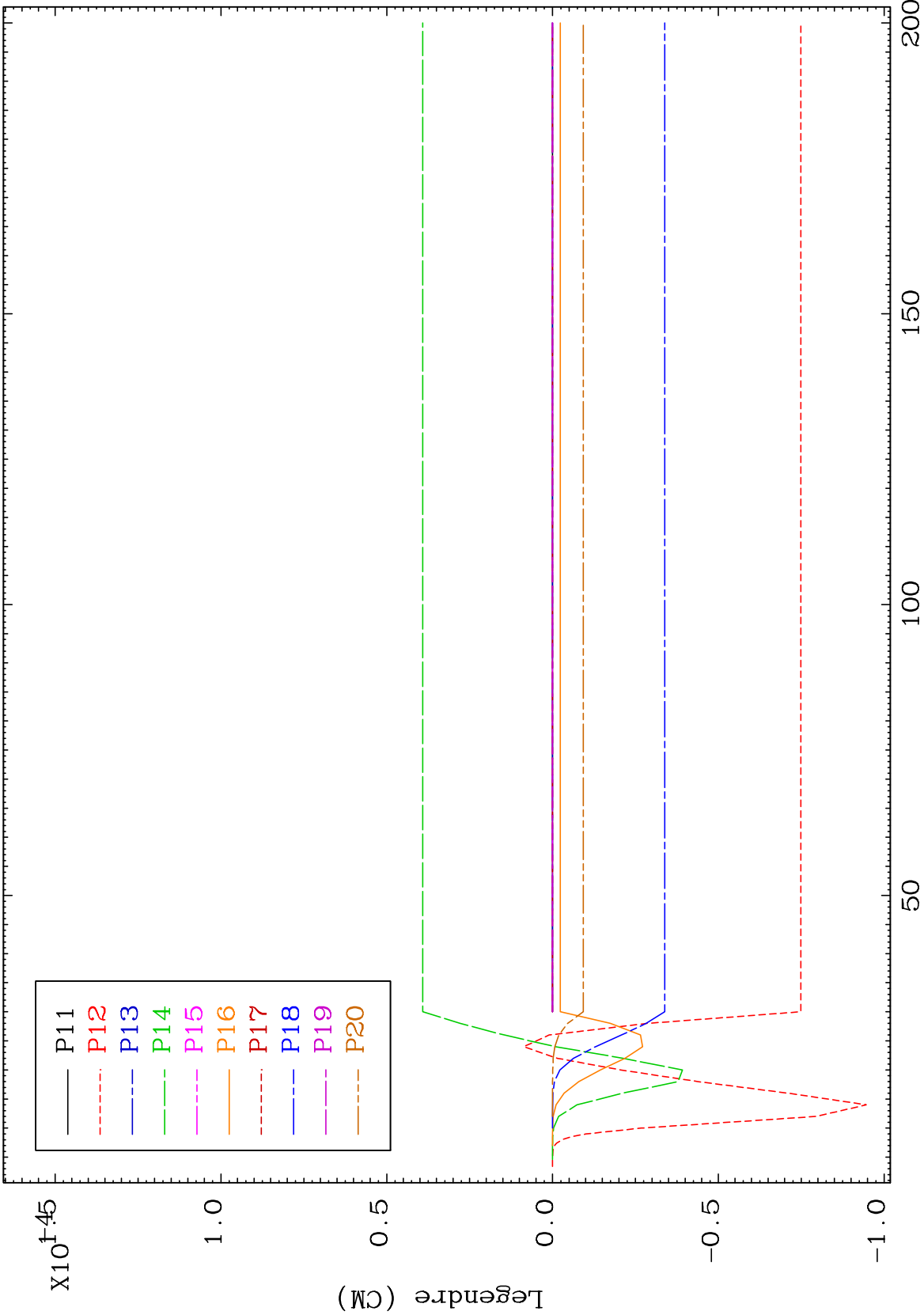
MAT 6828

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

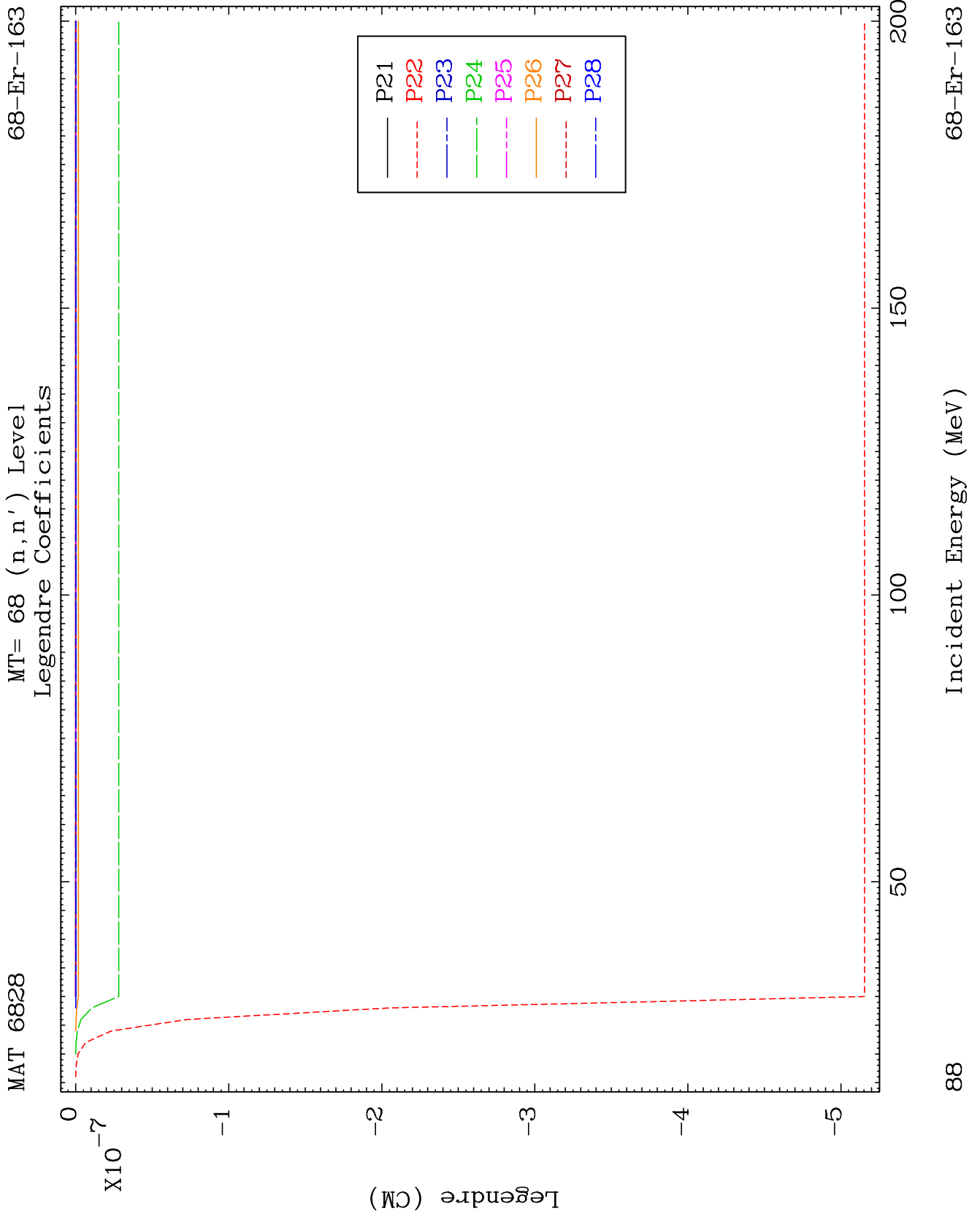
68-Er-163







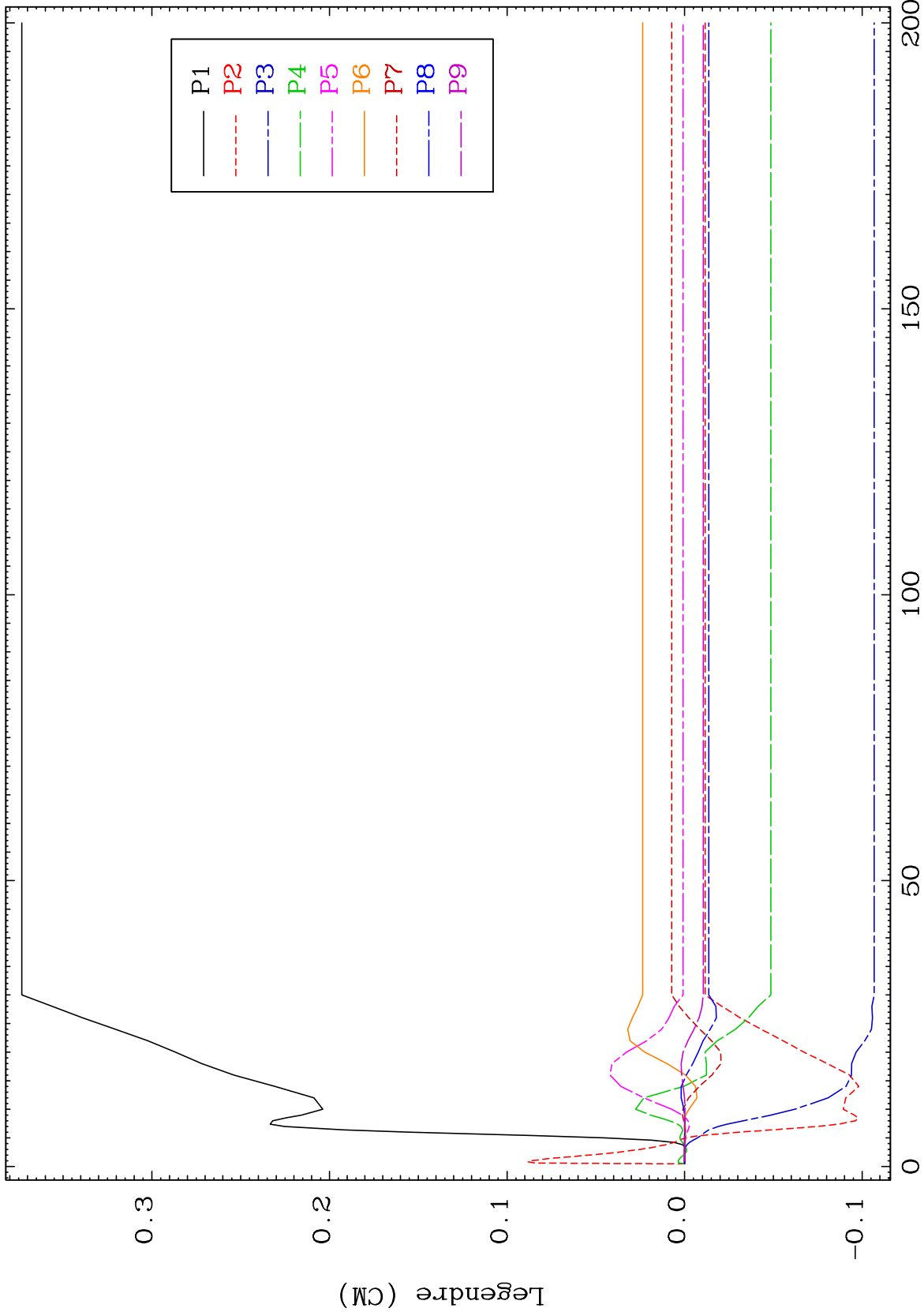




MAT 6828

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

68-Er-163



89

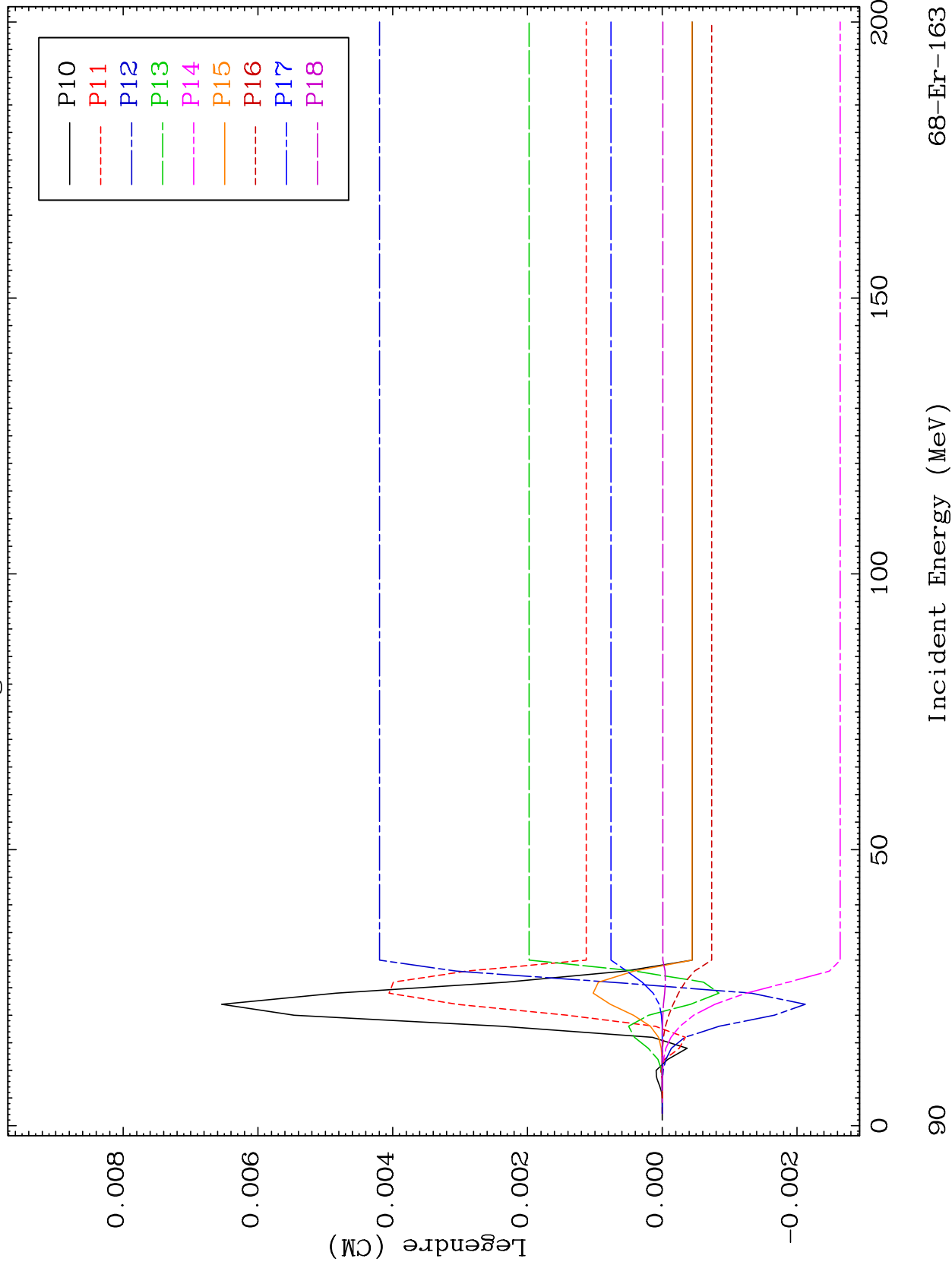
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



68-Er-163

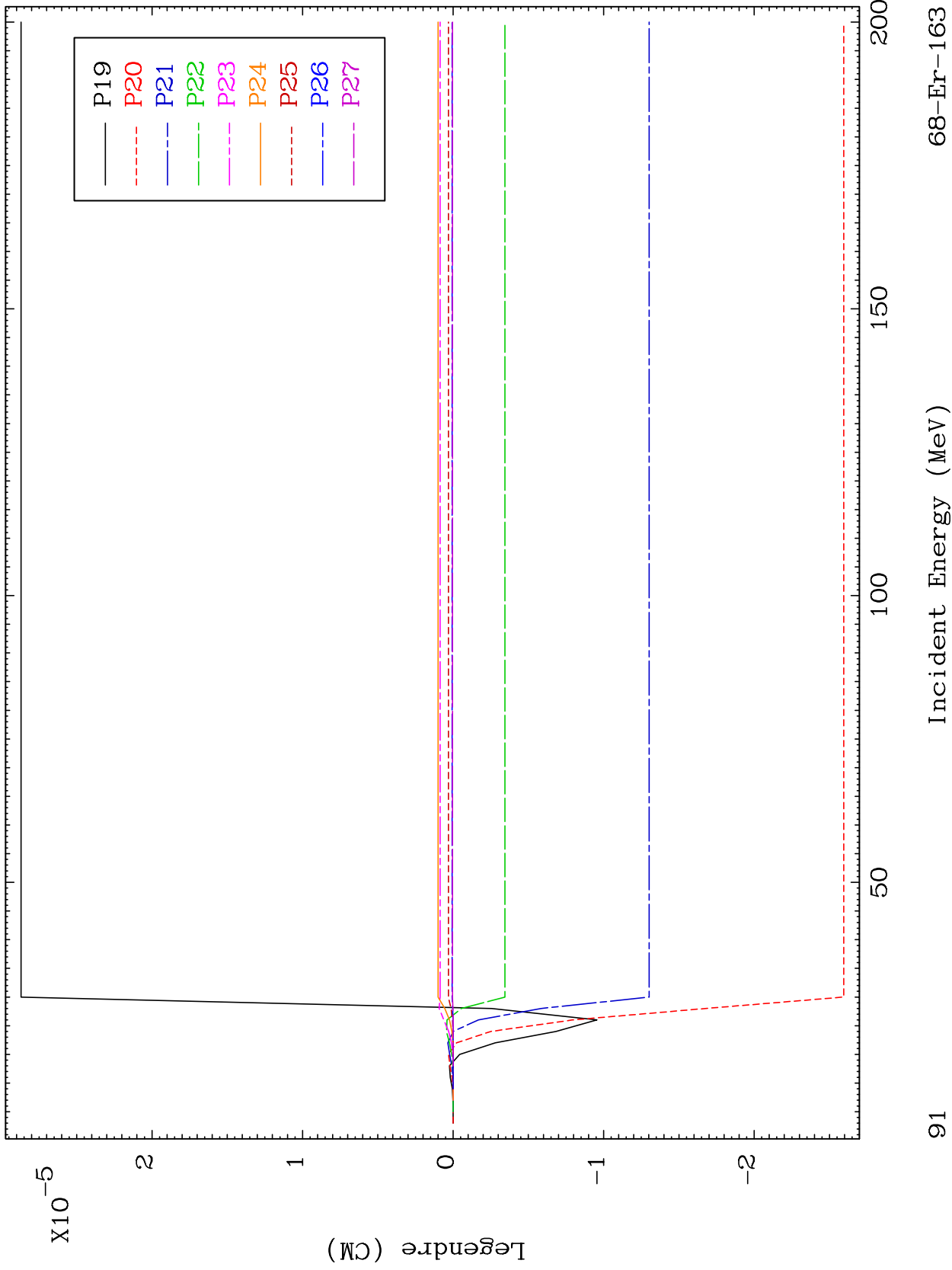
Incident Energy (MeV)

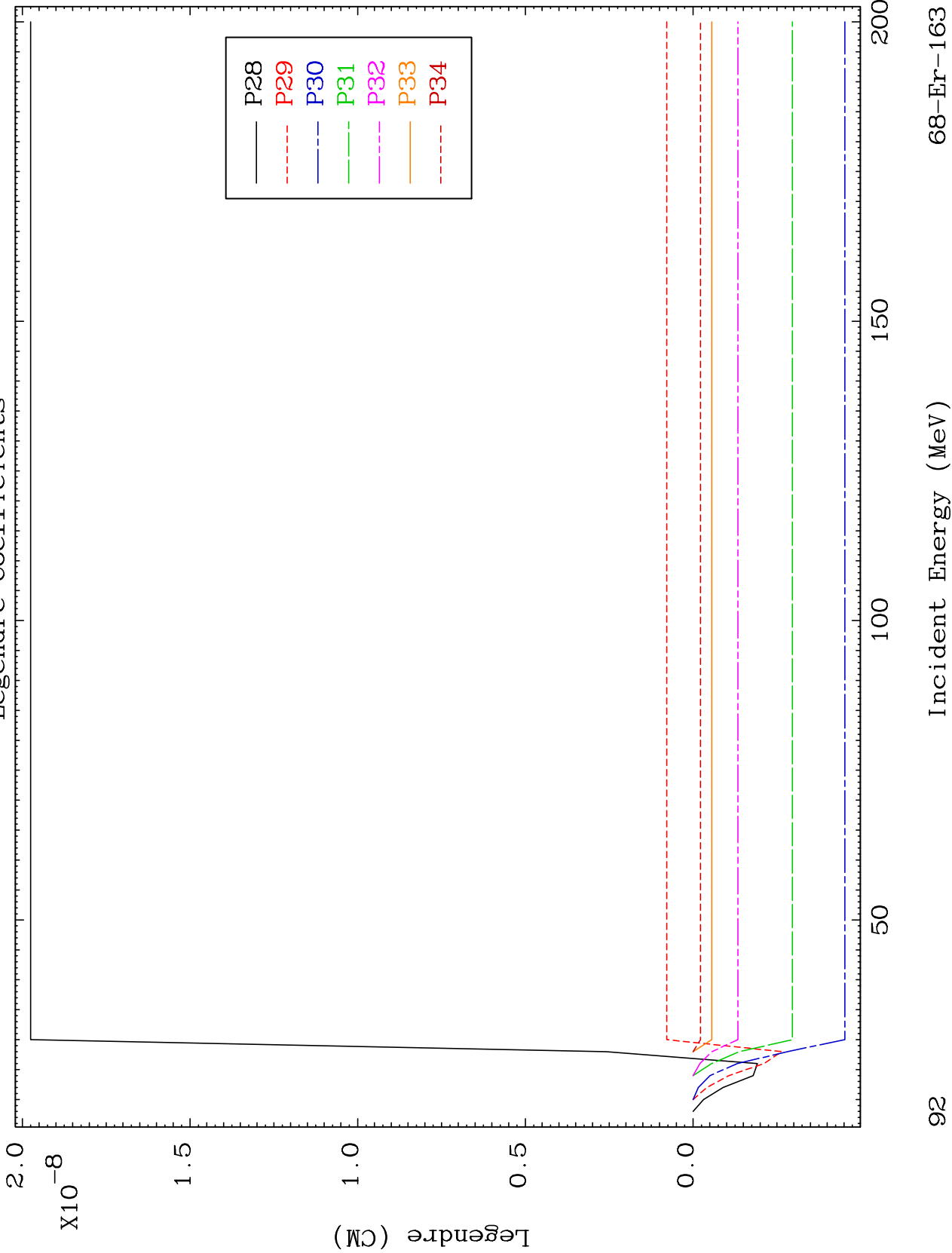
90

MAT 6828

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

68-Er-163

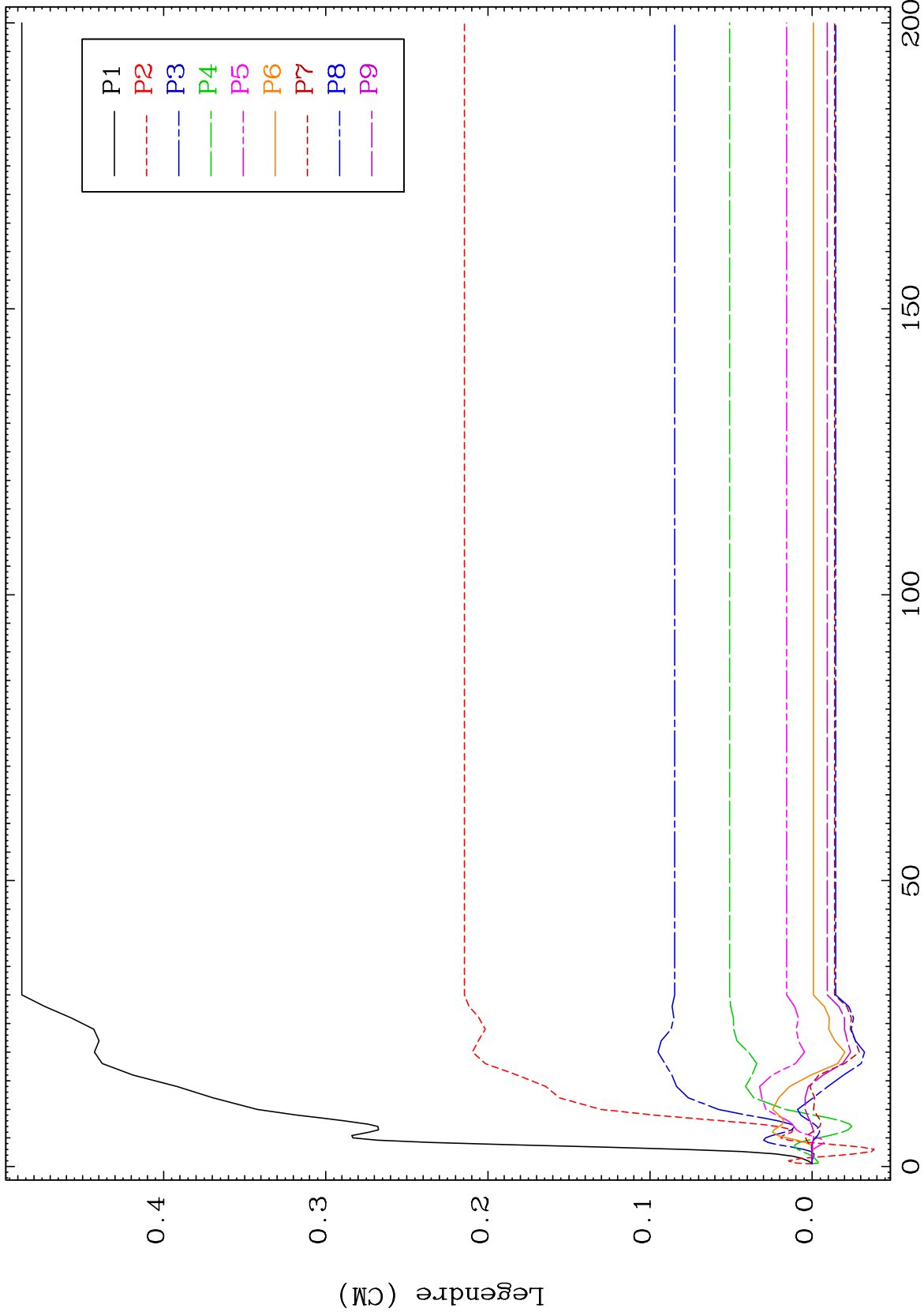




MAT 6828

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

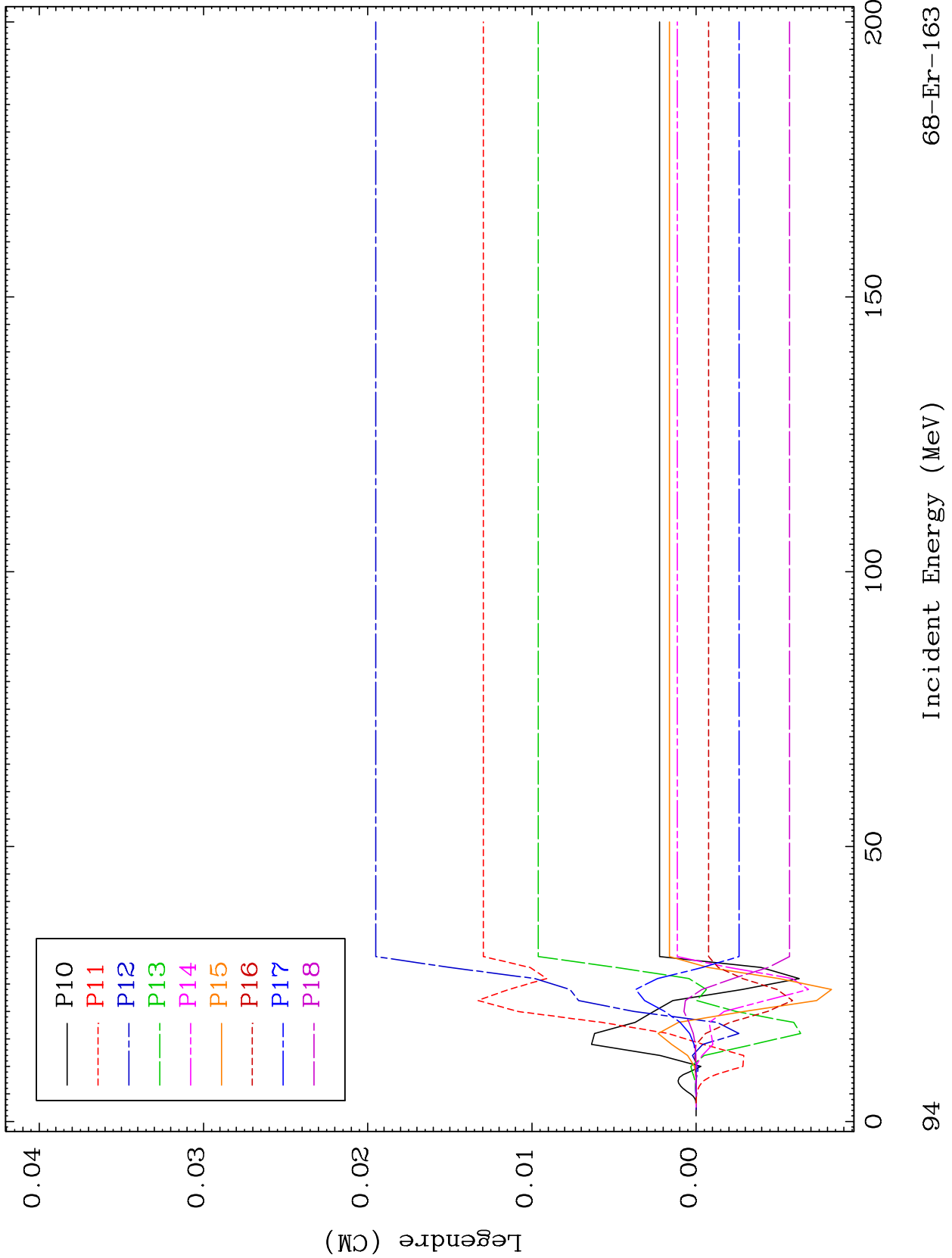
68-Er-163

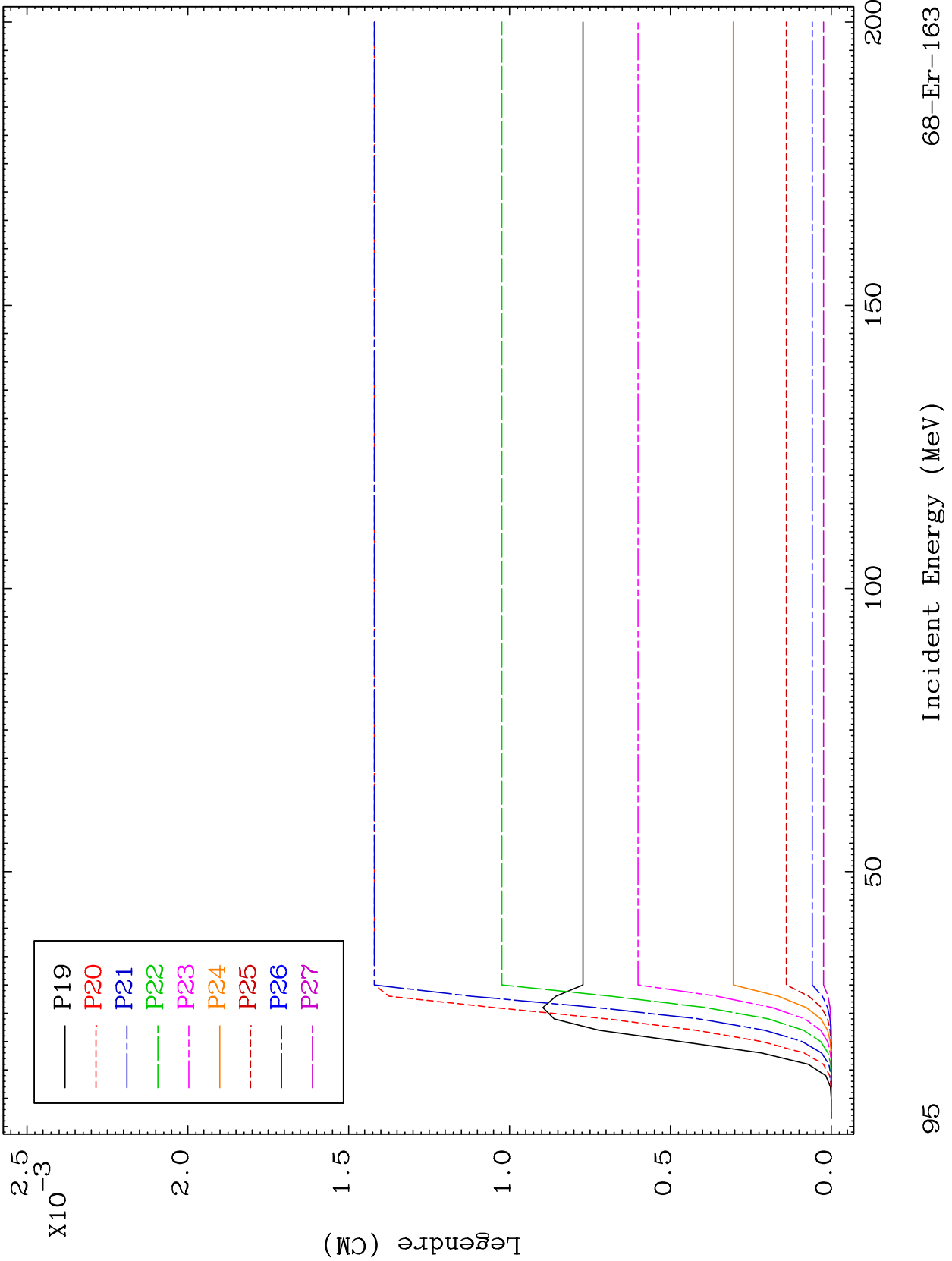


93

Incident Energy (MeV)

68-Er-163



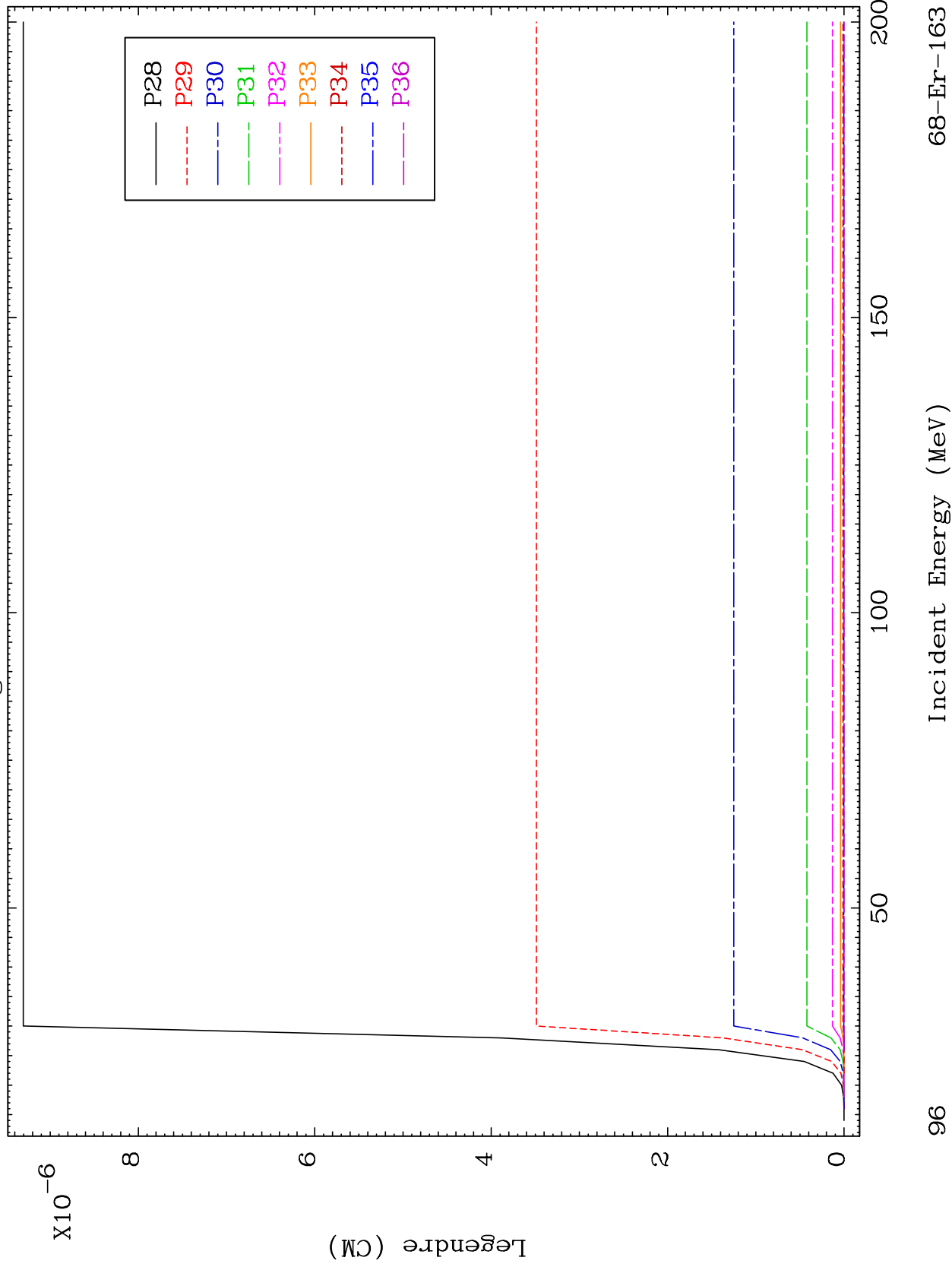




MAT 6828

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

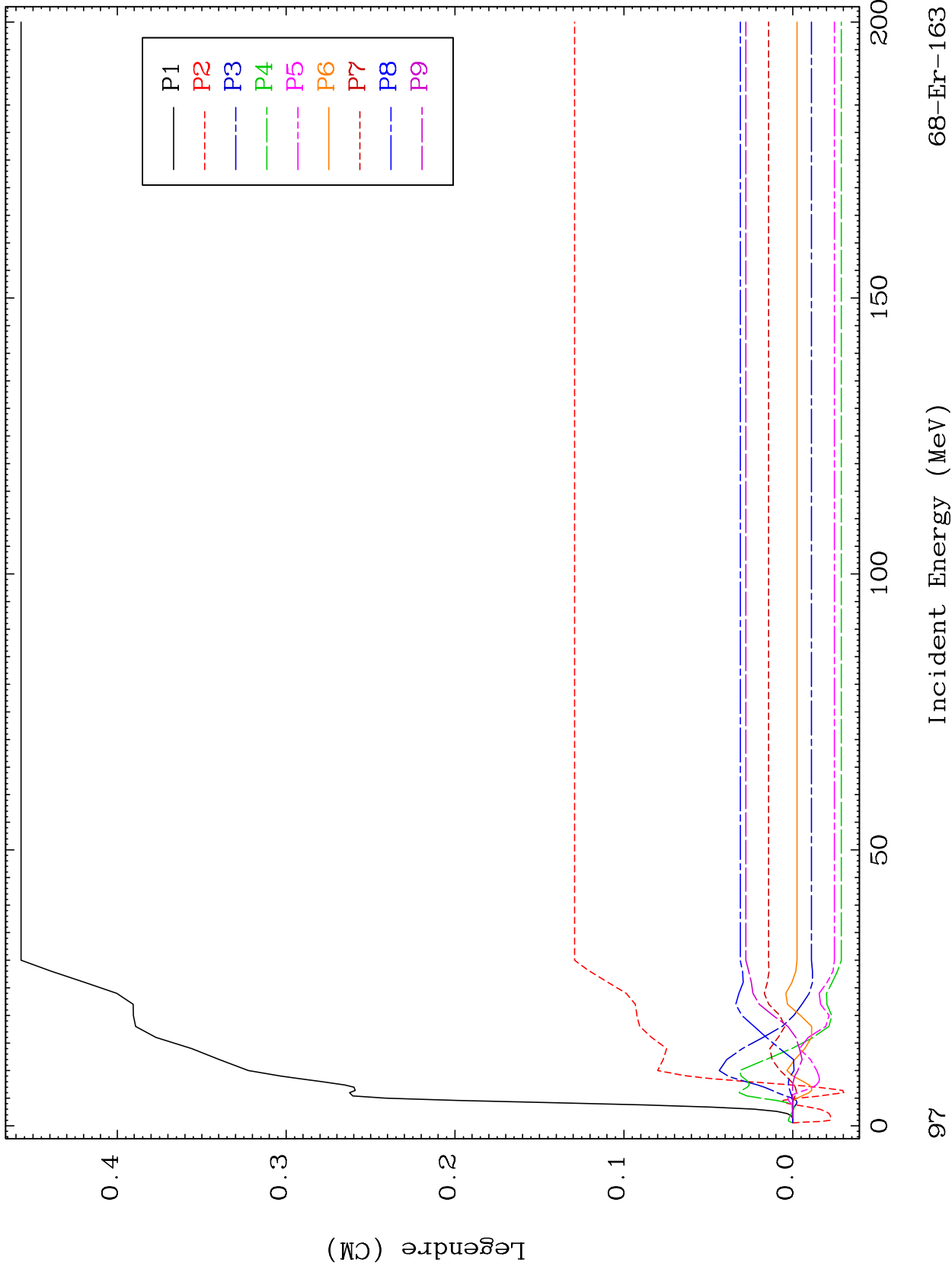
68-Er-163



MAT 6828

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

68-Er-163



68-Er-163

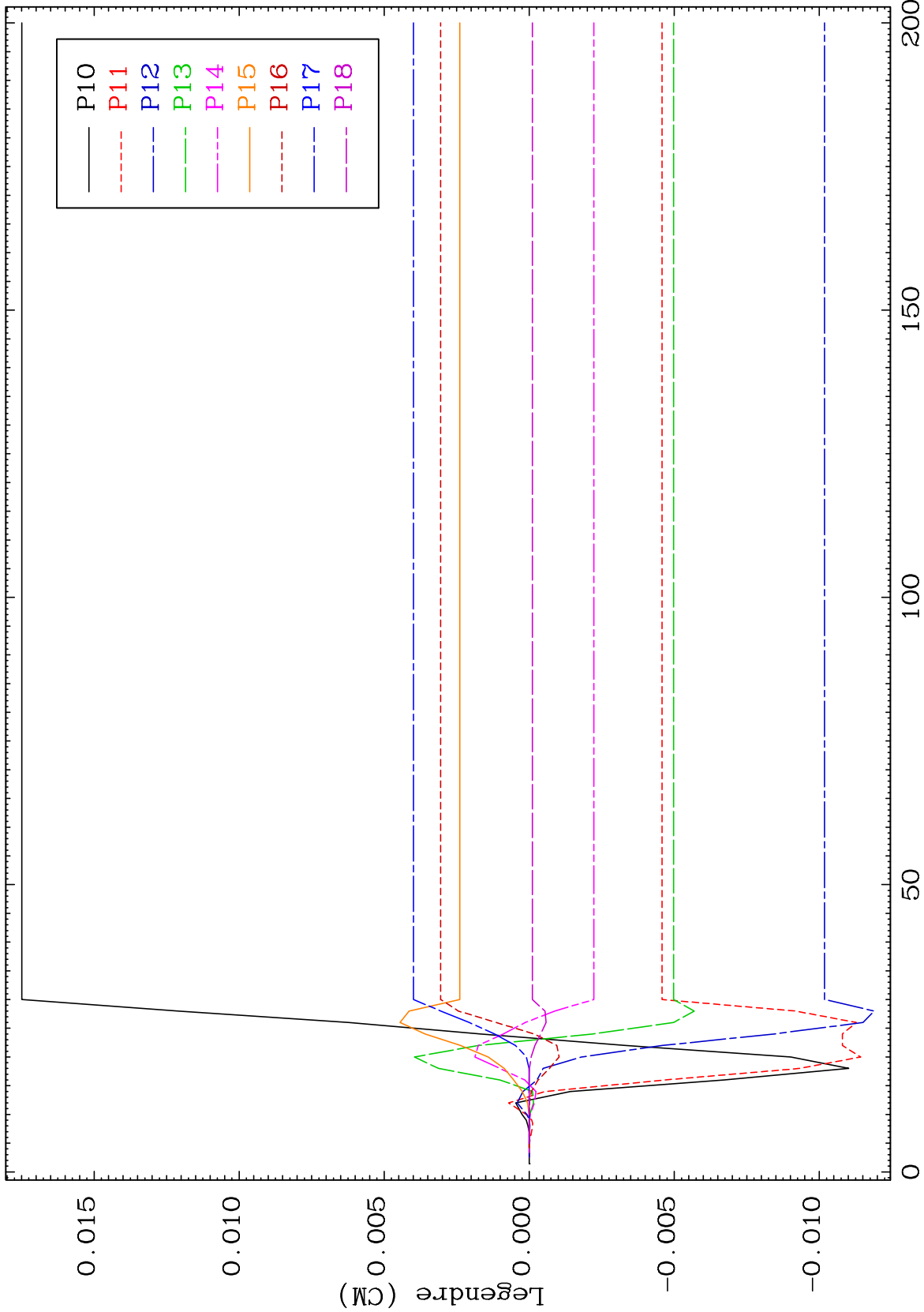
Incident Energy (MeV)

97

MAT 6828

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

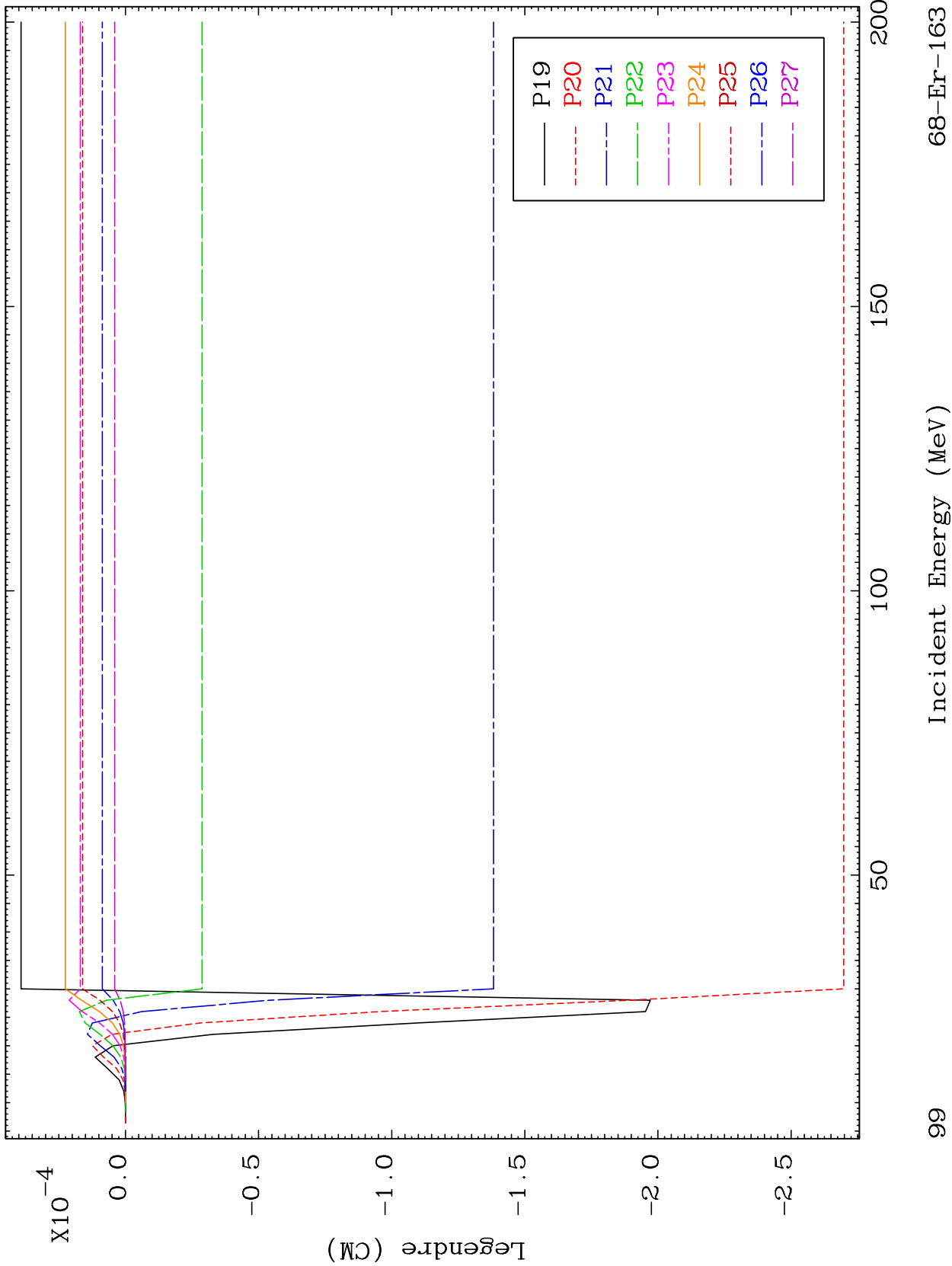
68-Er-163



98

Incident Energy (MeV)

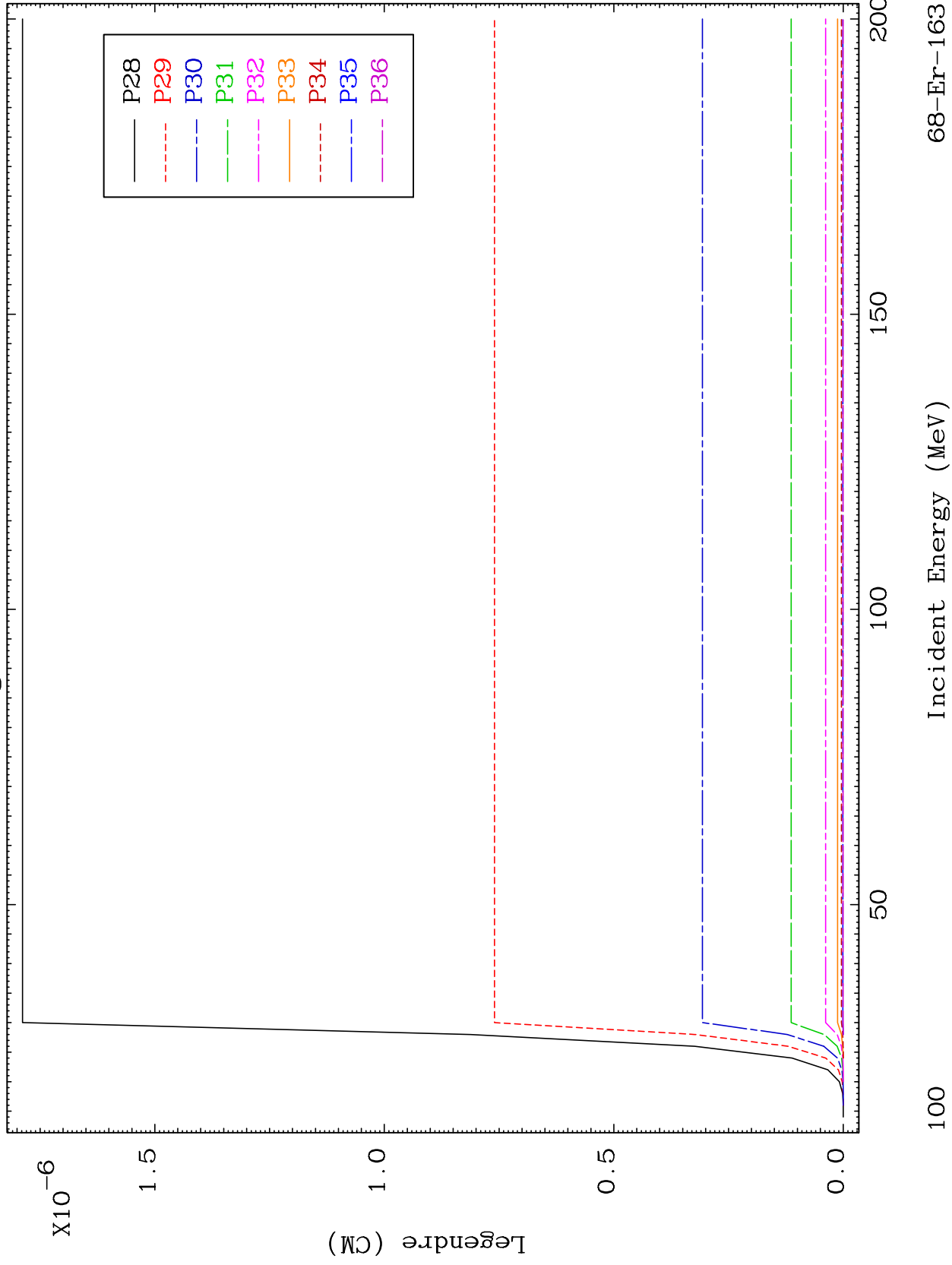
68-Er-163



MAT 6828

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

68-Er-163

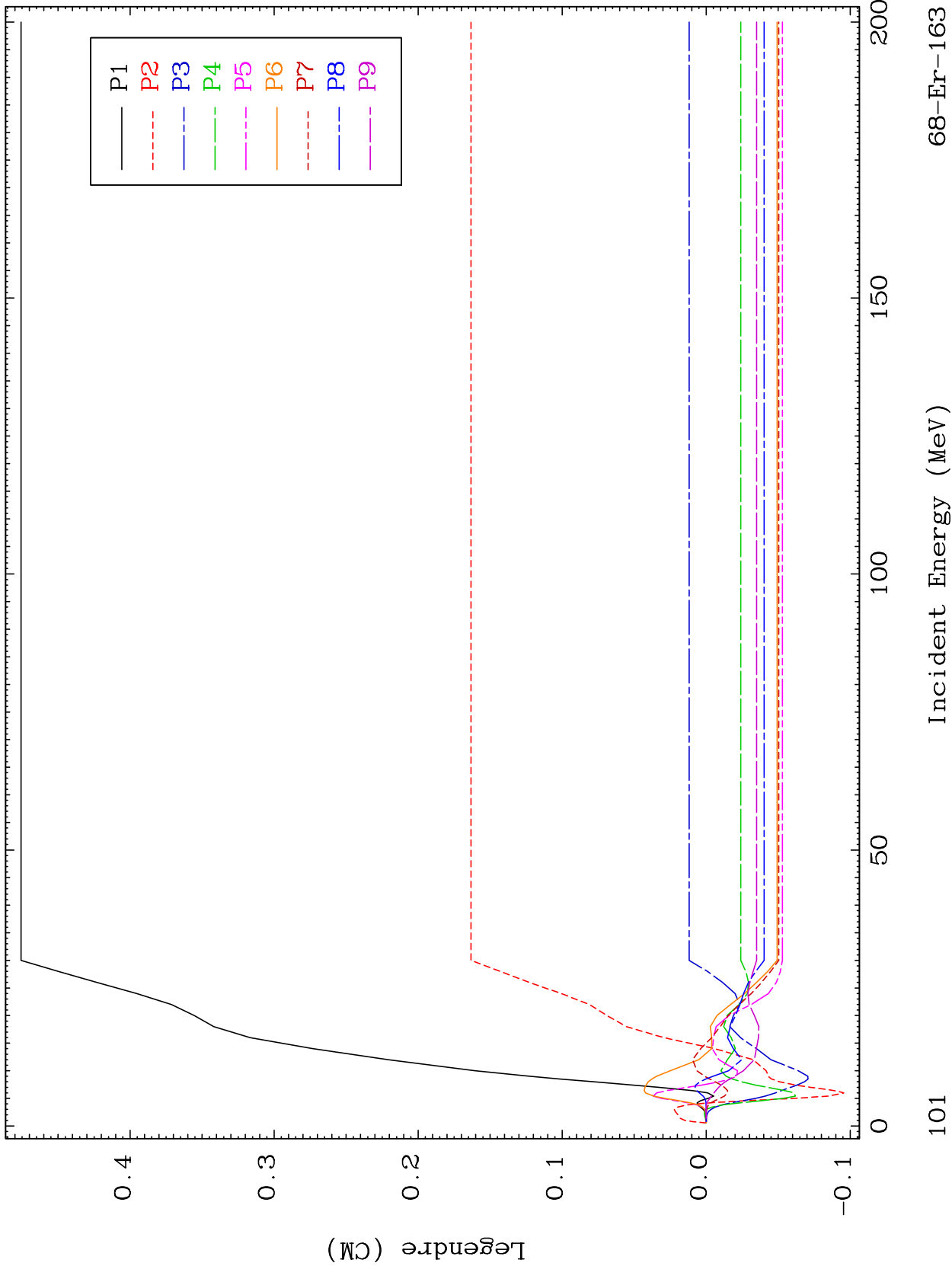


68-Er-163

MAT 6828

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

68-Er-163



68-Er-163

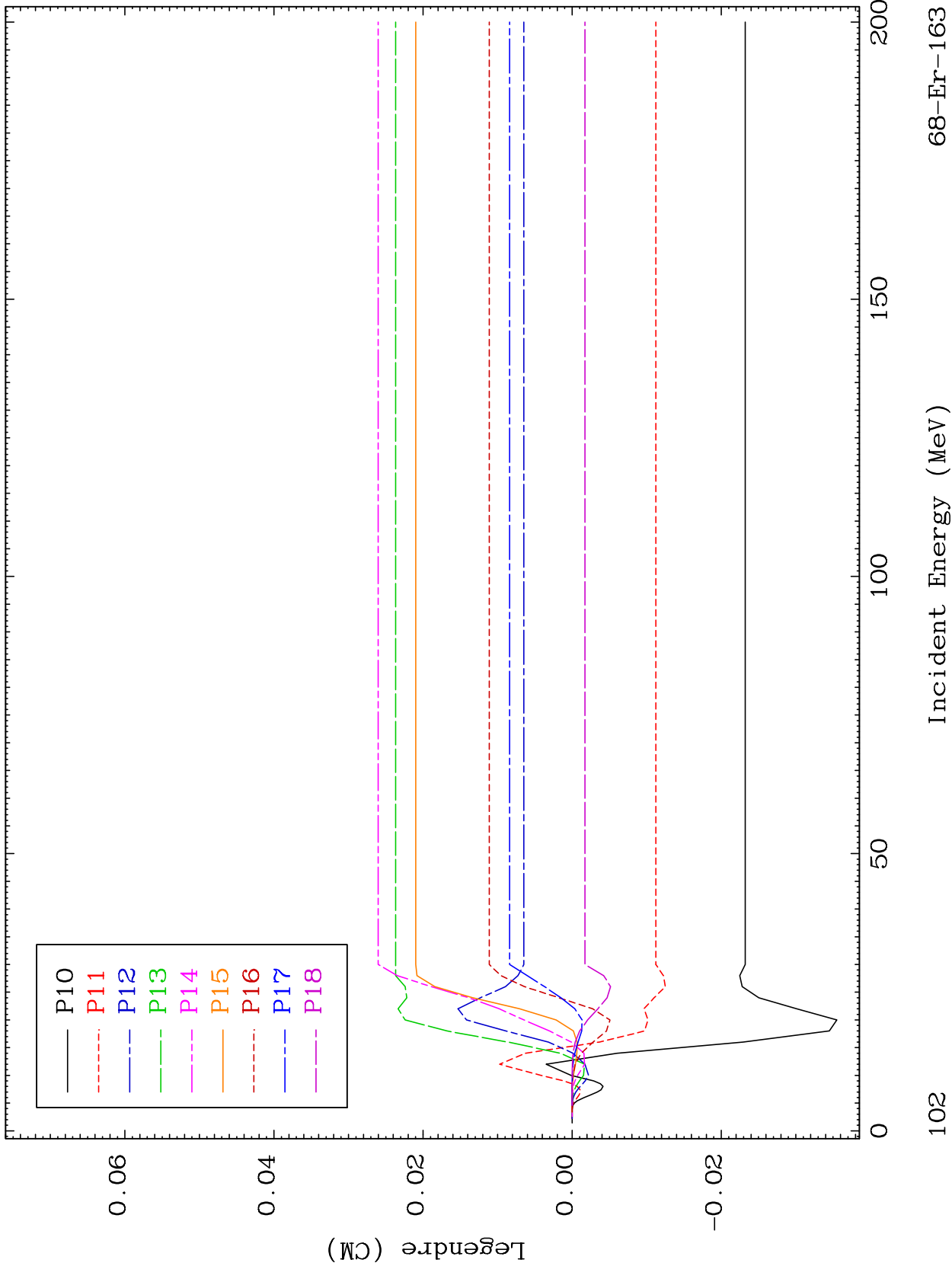
Incident Energy (MeV)

101

MAT 6828

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

68-Er-163



68-Er-163

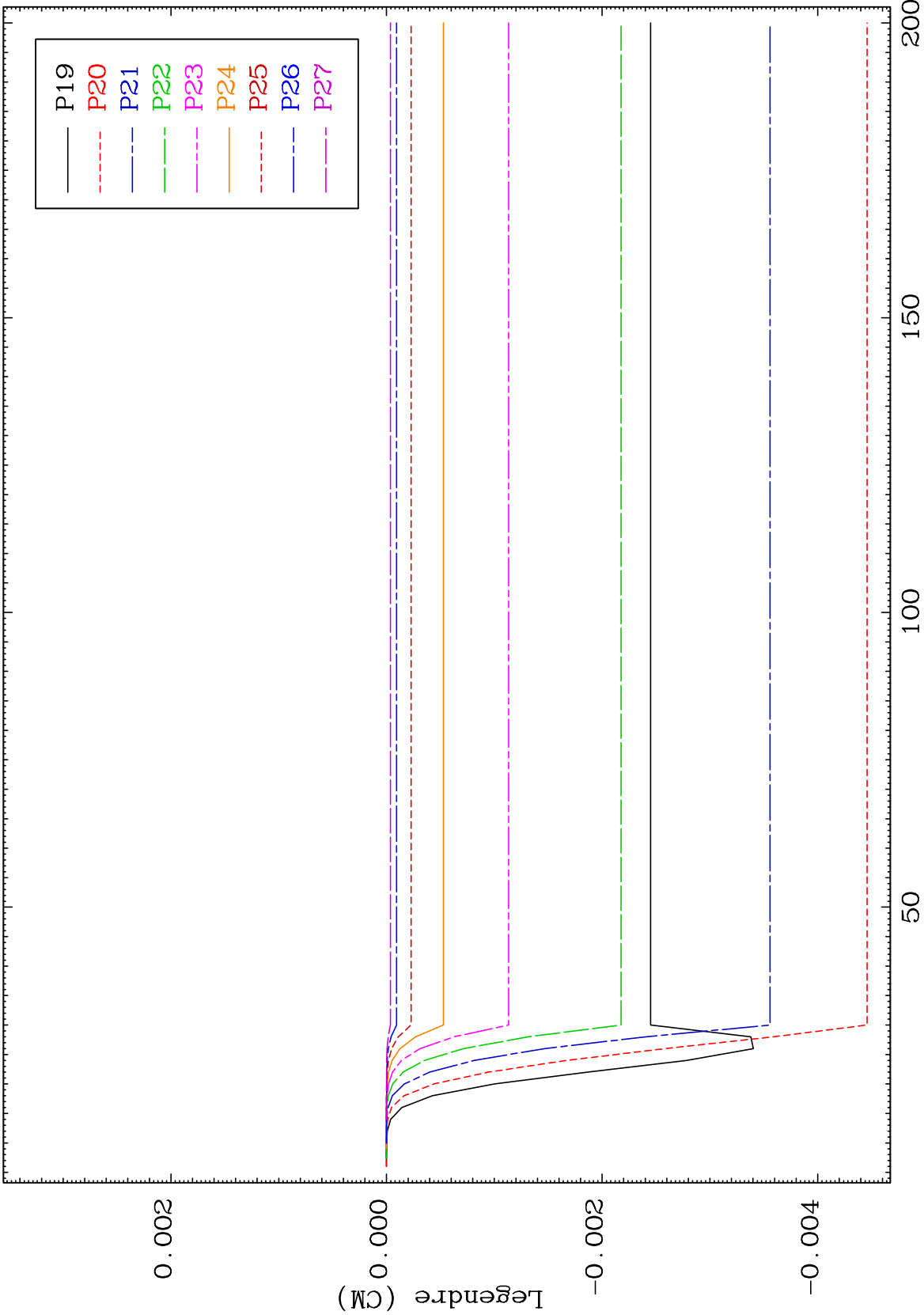
Incident Energy (MeV)

102

MAT 6828

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

68-Er-163



103

Incident Energy (MeV)

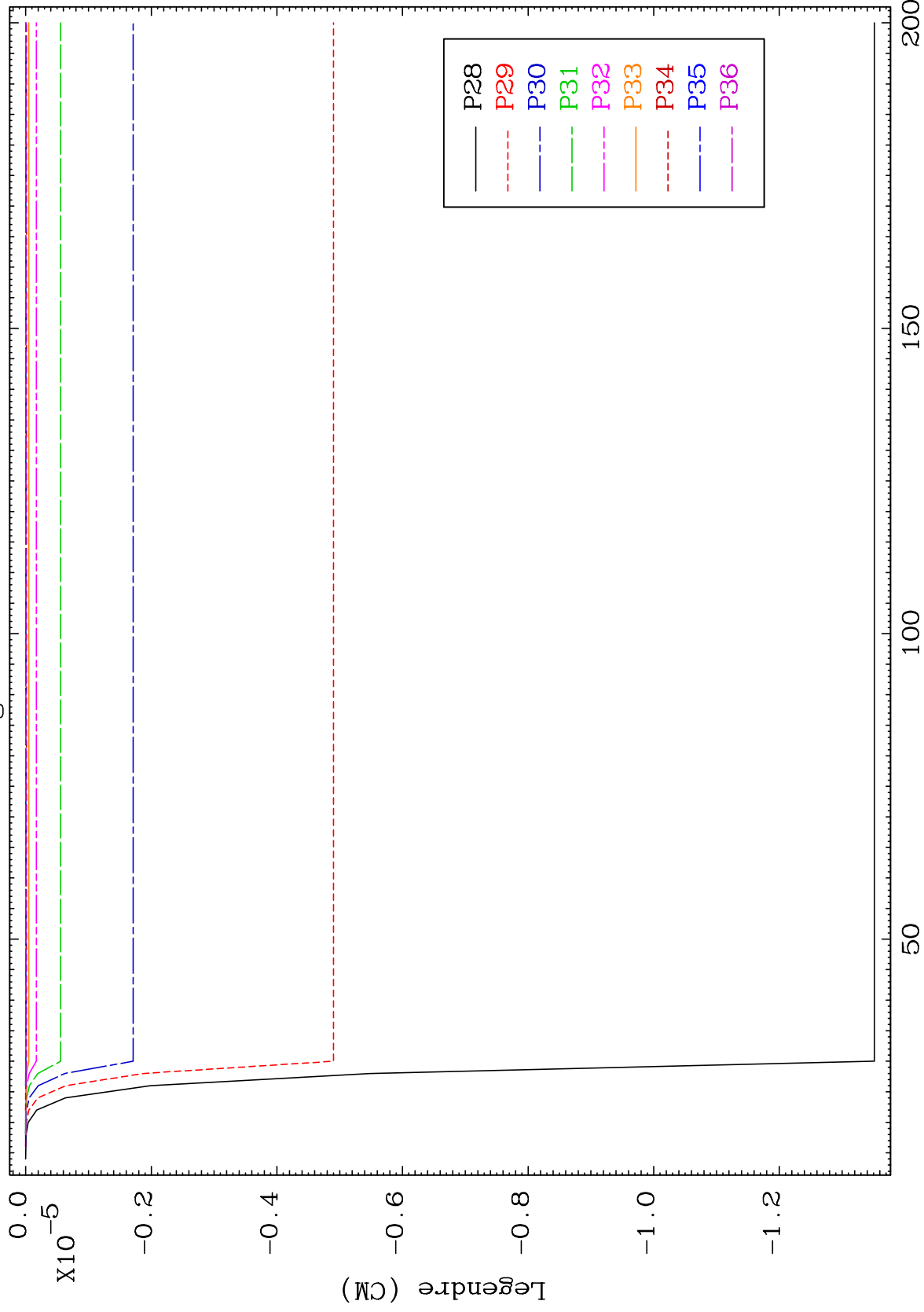
68-Er-163



MAT 6828

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

68-Er-163



104

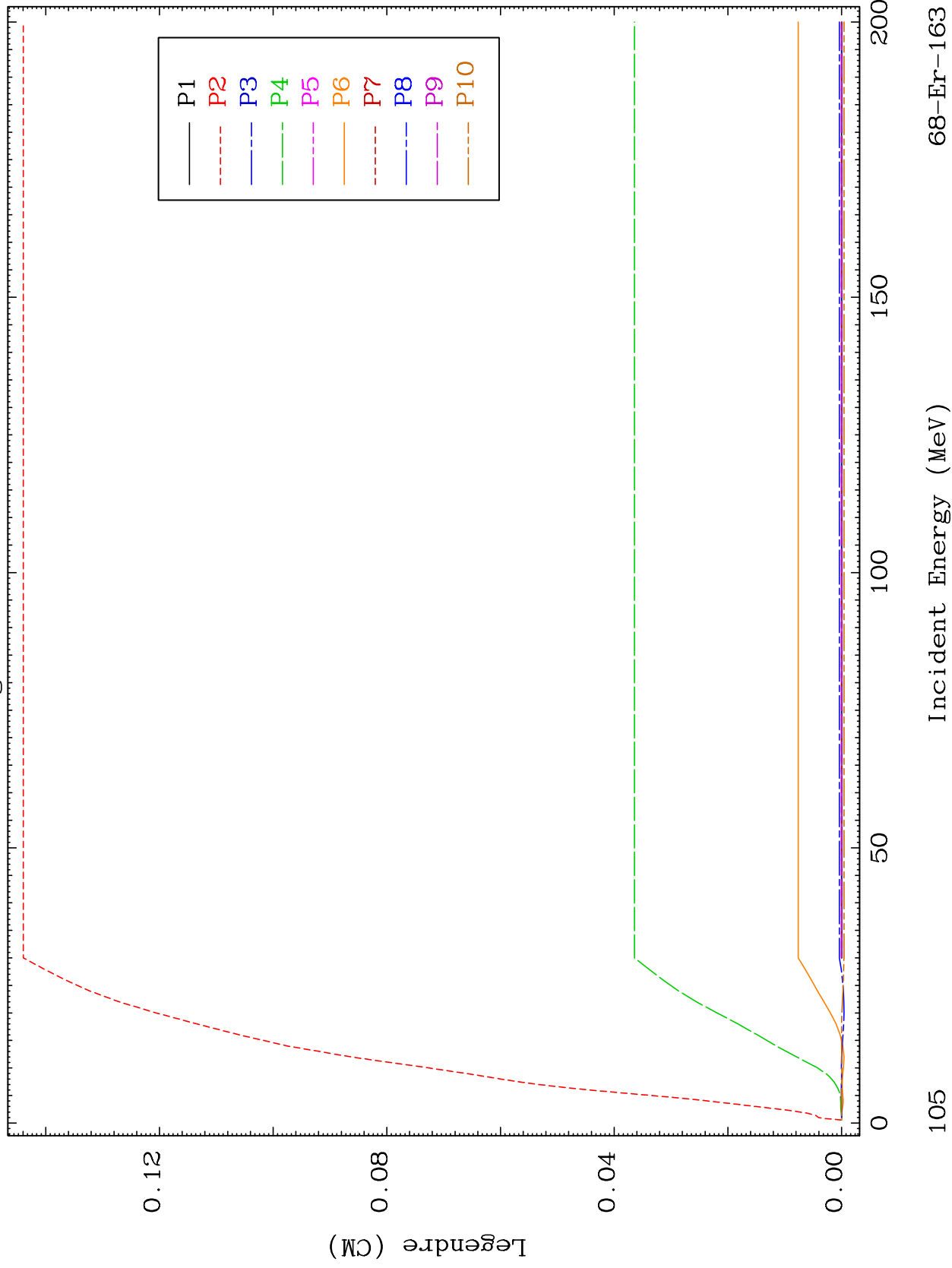
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



68-Er-163

Incident Energy (MeV)

0

50

100

150

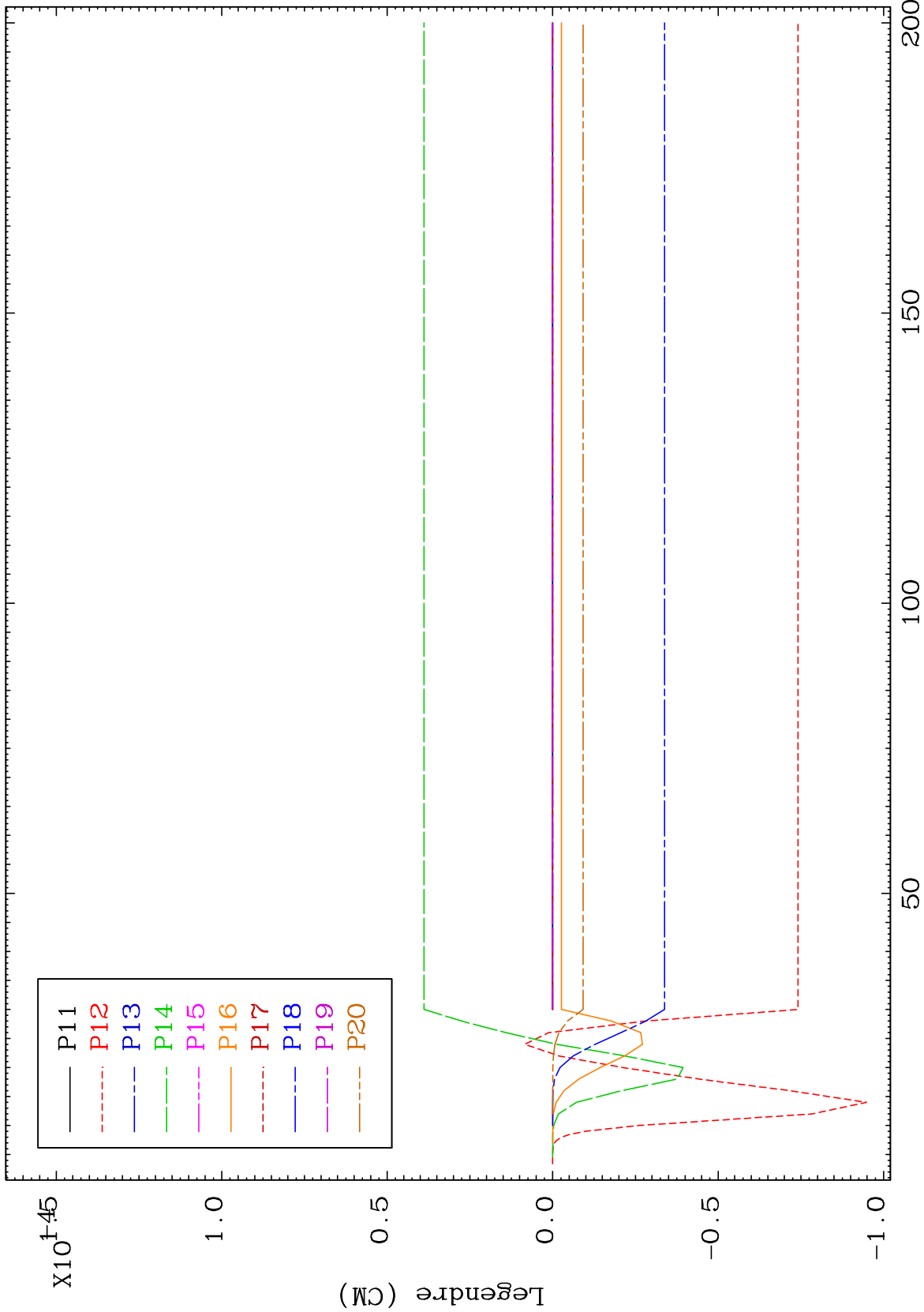
200

0.12

0.08

0.04

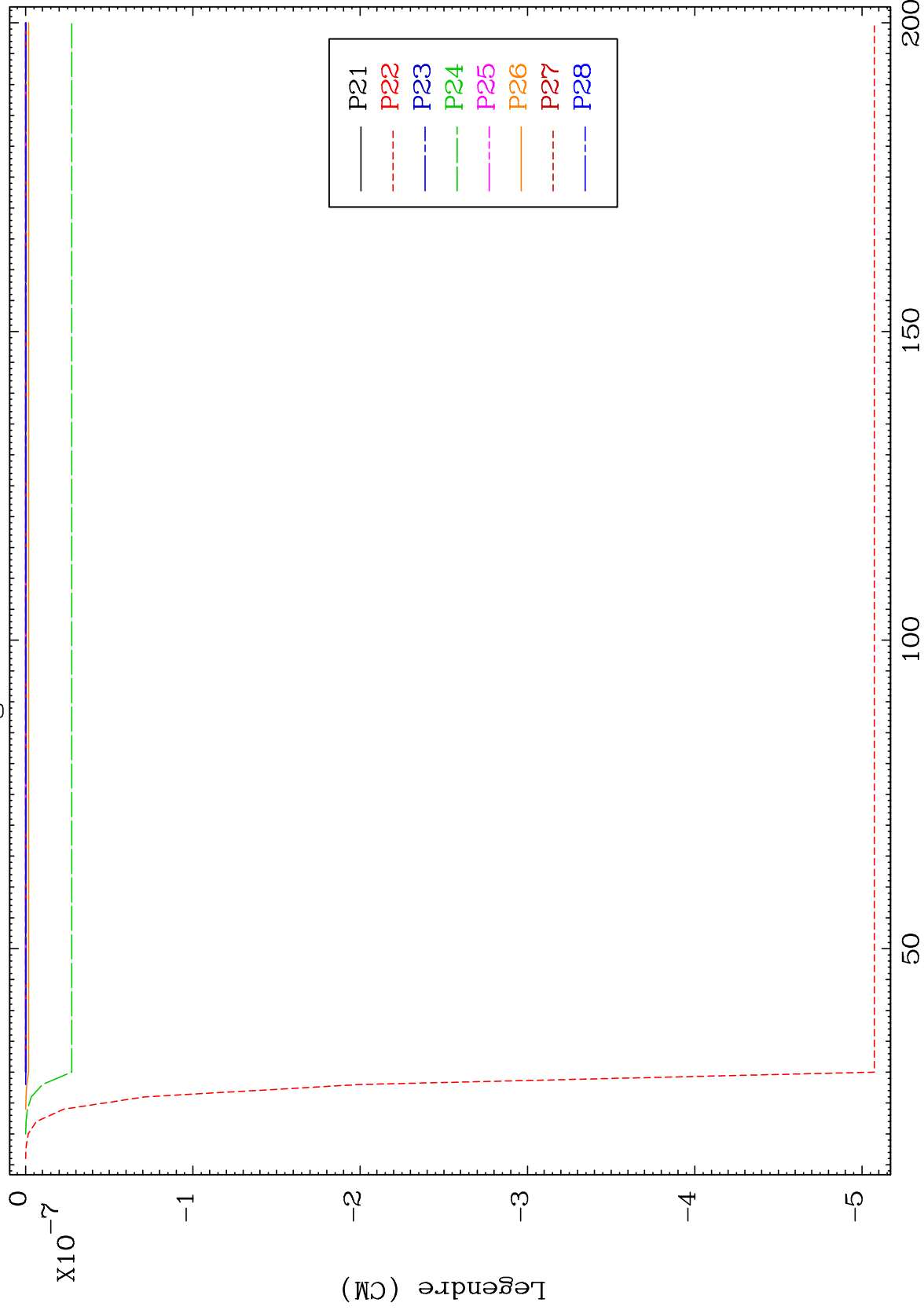
0.00



MAT 6828

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

68-Er-163



107

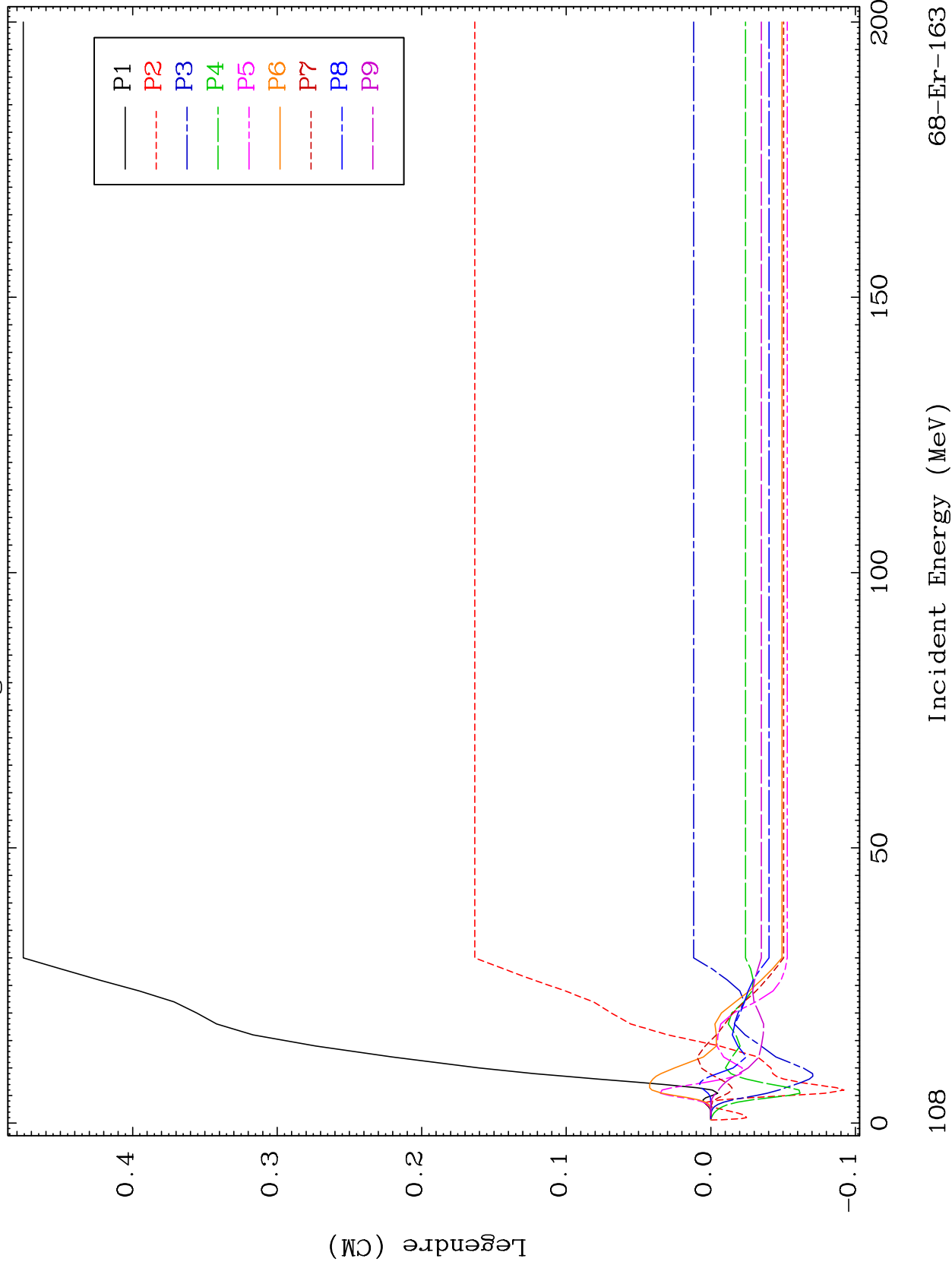
Incident Energy (MeV)

68-Er-163

MAT 6828

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

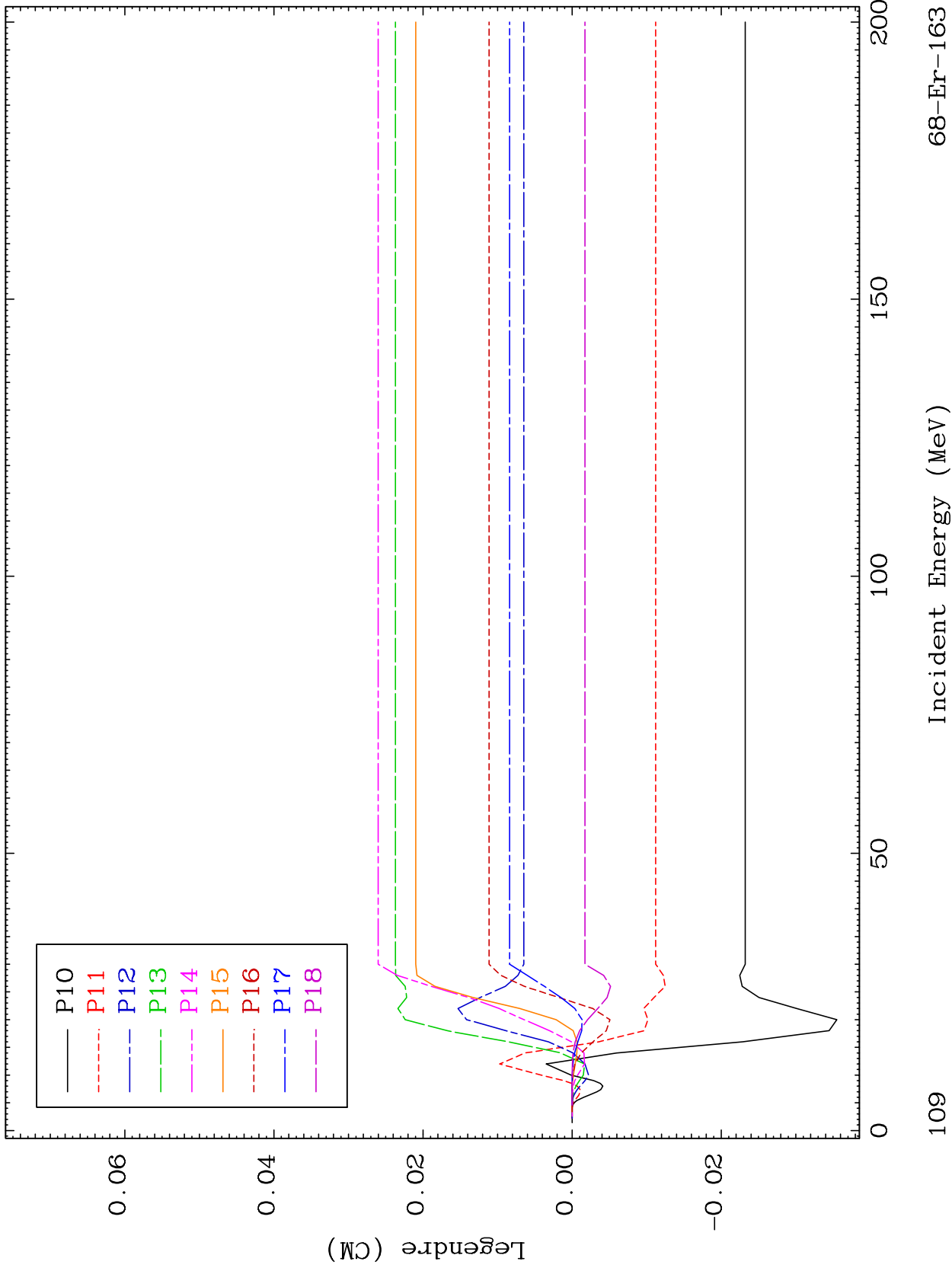
68-Er-163



68-Er-163

Incident Energy (MeV)

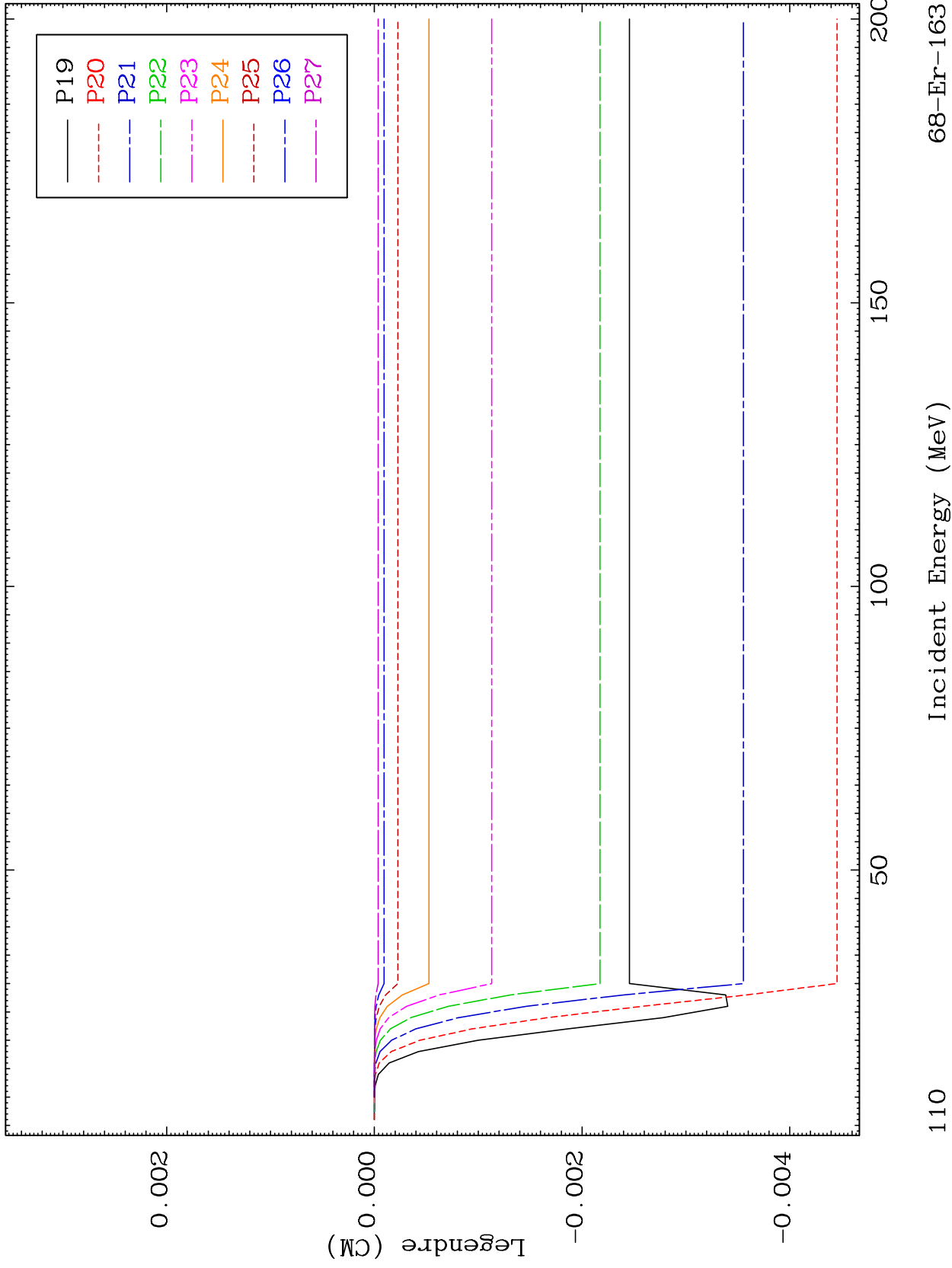
108



MAT 6828

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

68-Er-163



110

Incident Energy (MeV)

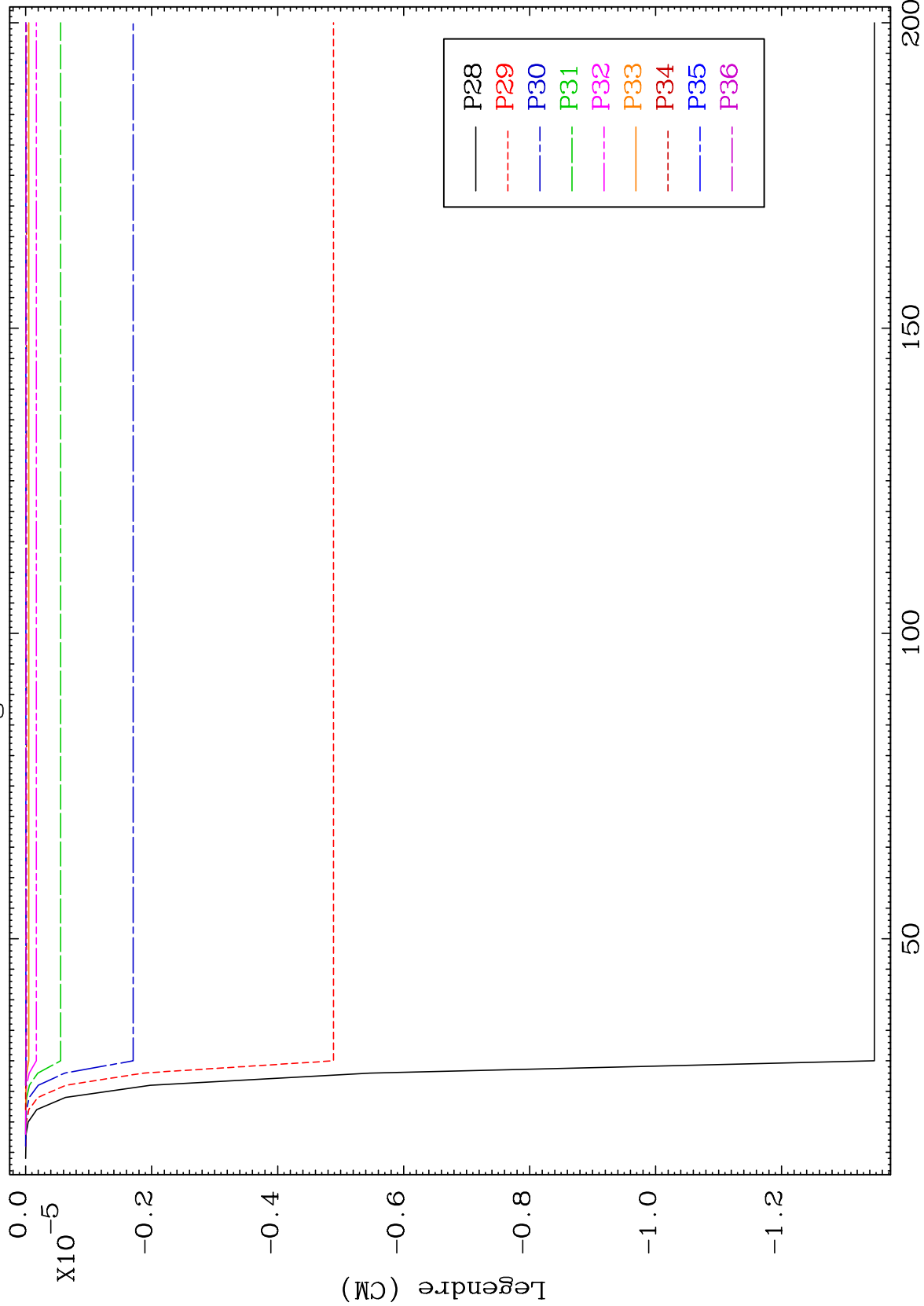
68-Er-163

MAT 6828

MT= 74 (n,n') Level

68-Er-163

Legendre Coefficients



68-Er-163

Incident Energy (MeV)

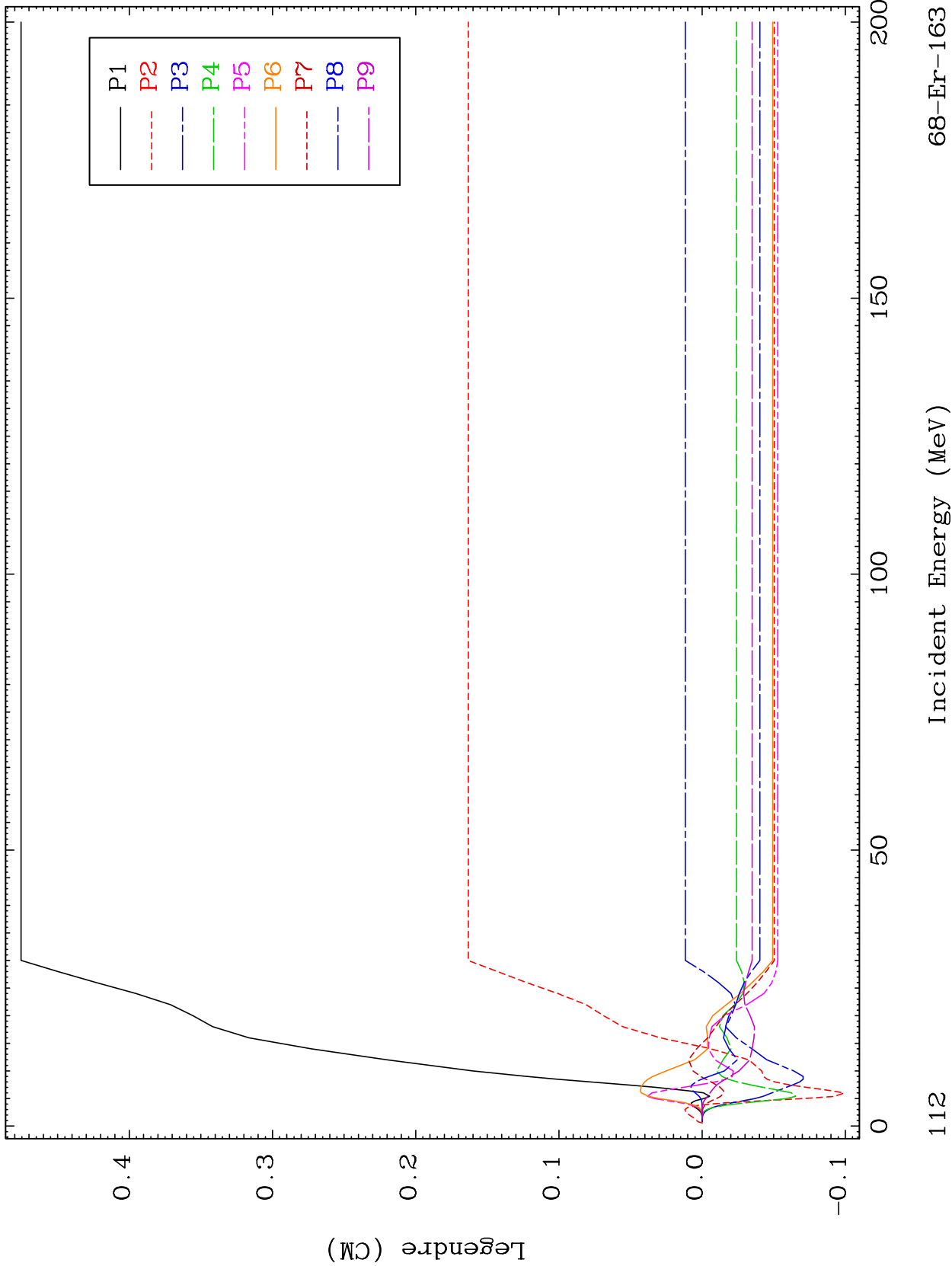
111



MAT 6828

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

68-Er-163



68-Er-163

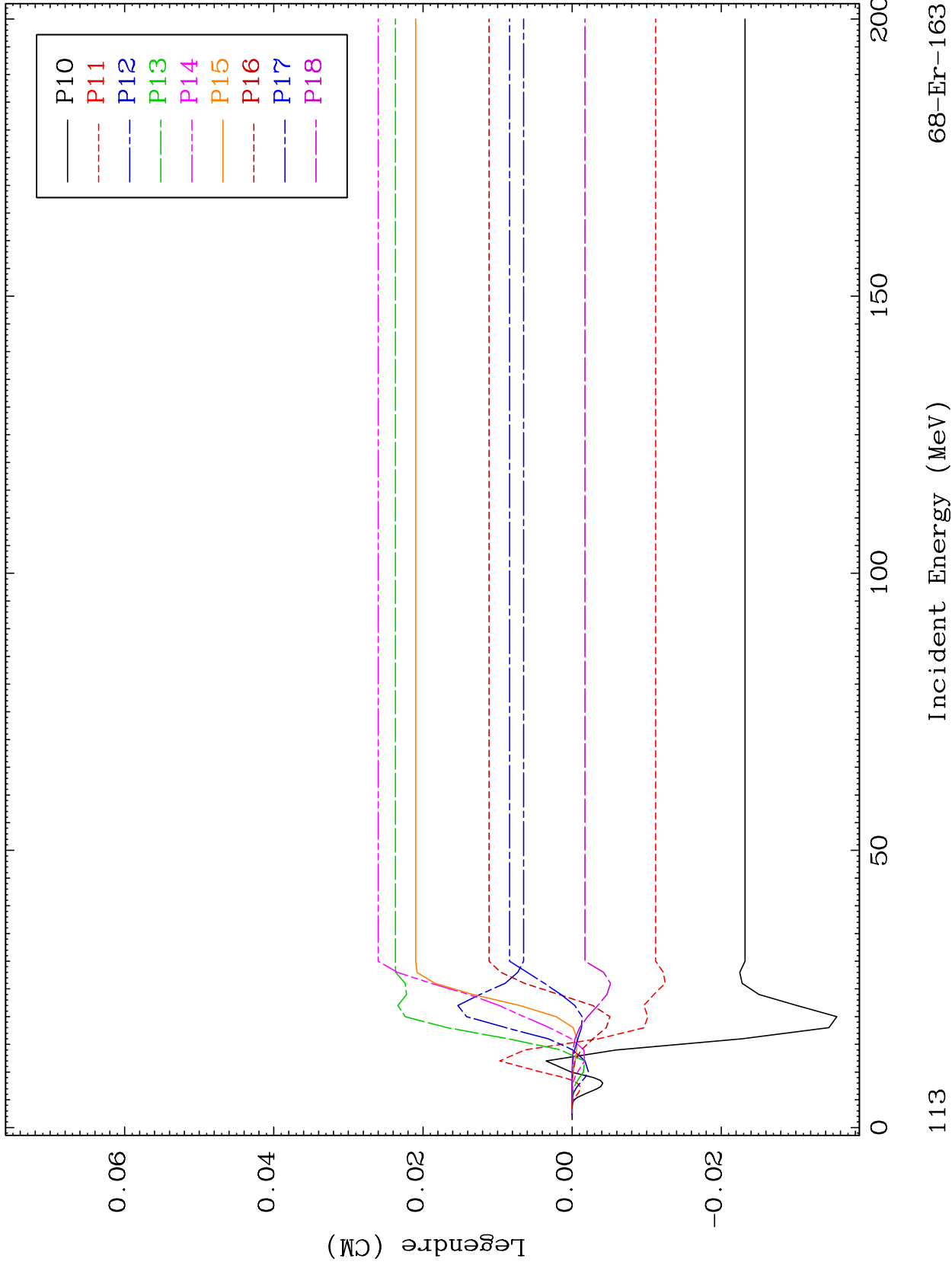
Incident Energy (MeV)

112

MAT 6828

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

68-Er-163



68-Er-163

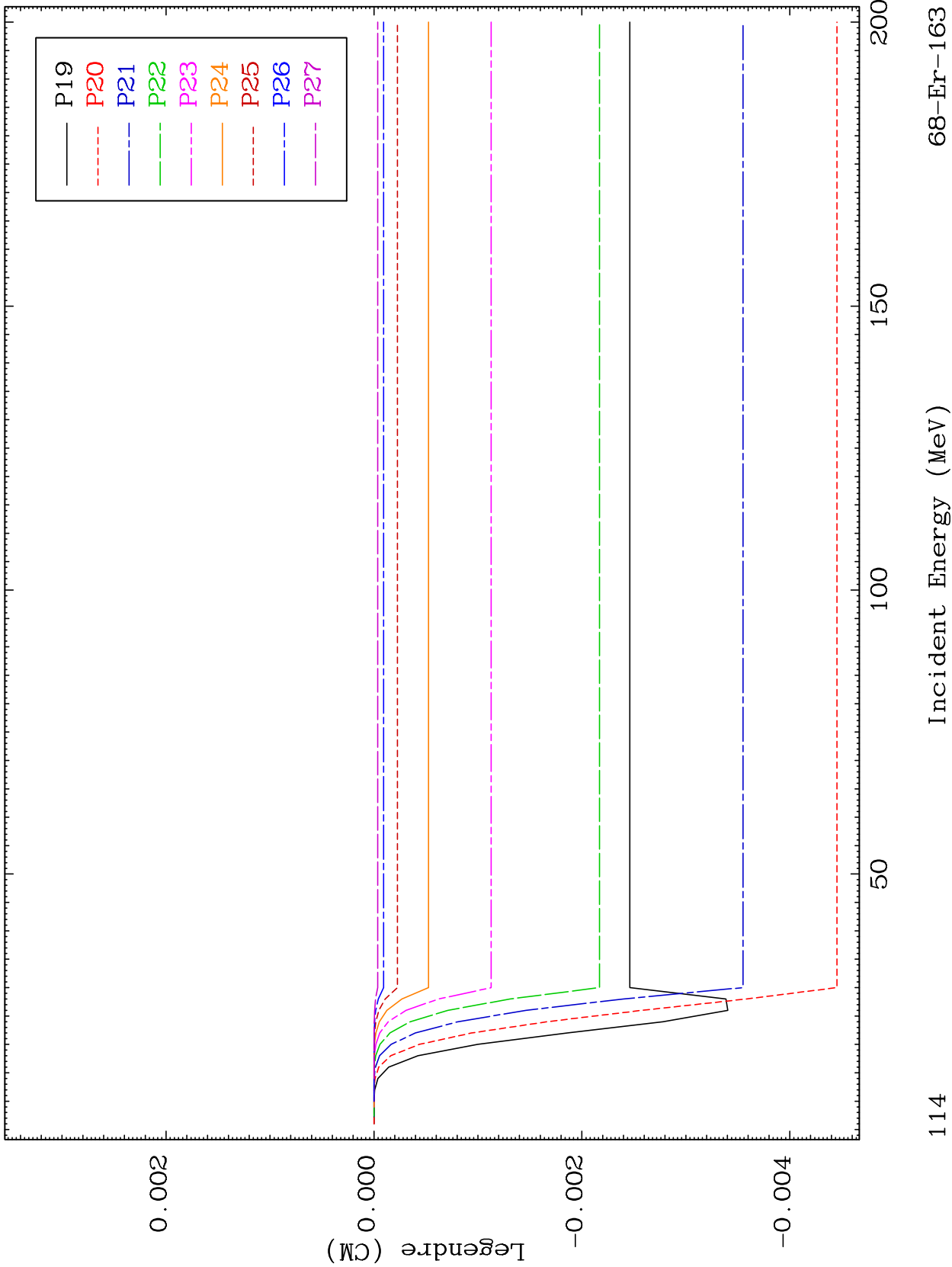
Incident Energy (MeV)

113

MAT 6828

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

68-Er-163



114

Incident Energy (MeV)

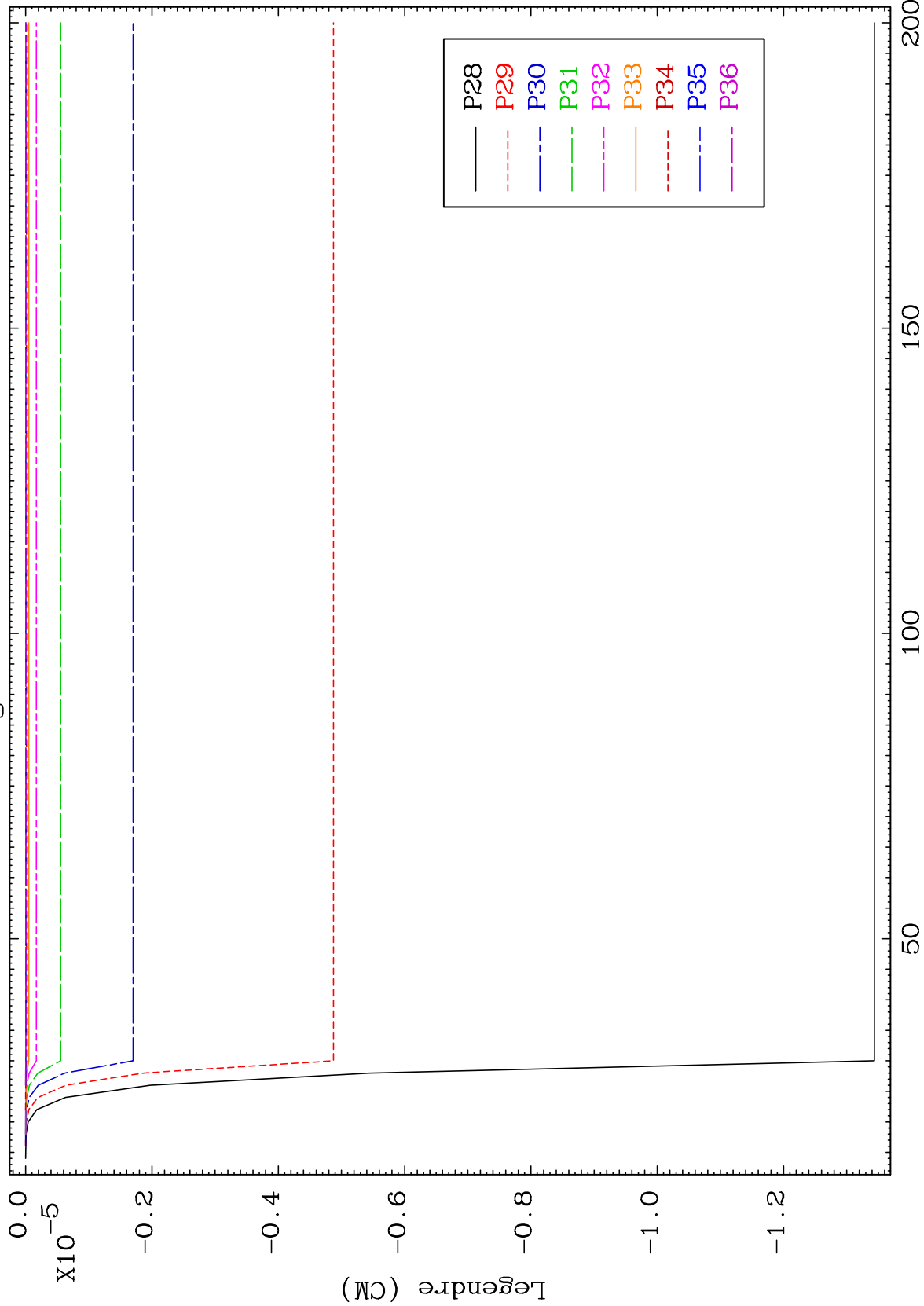
68-Er-163

MAT 6828

MT= 75 (n,n') Level

68-Er-163

Legendre Coefficients



68-Er-163

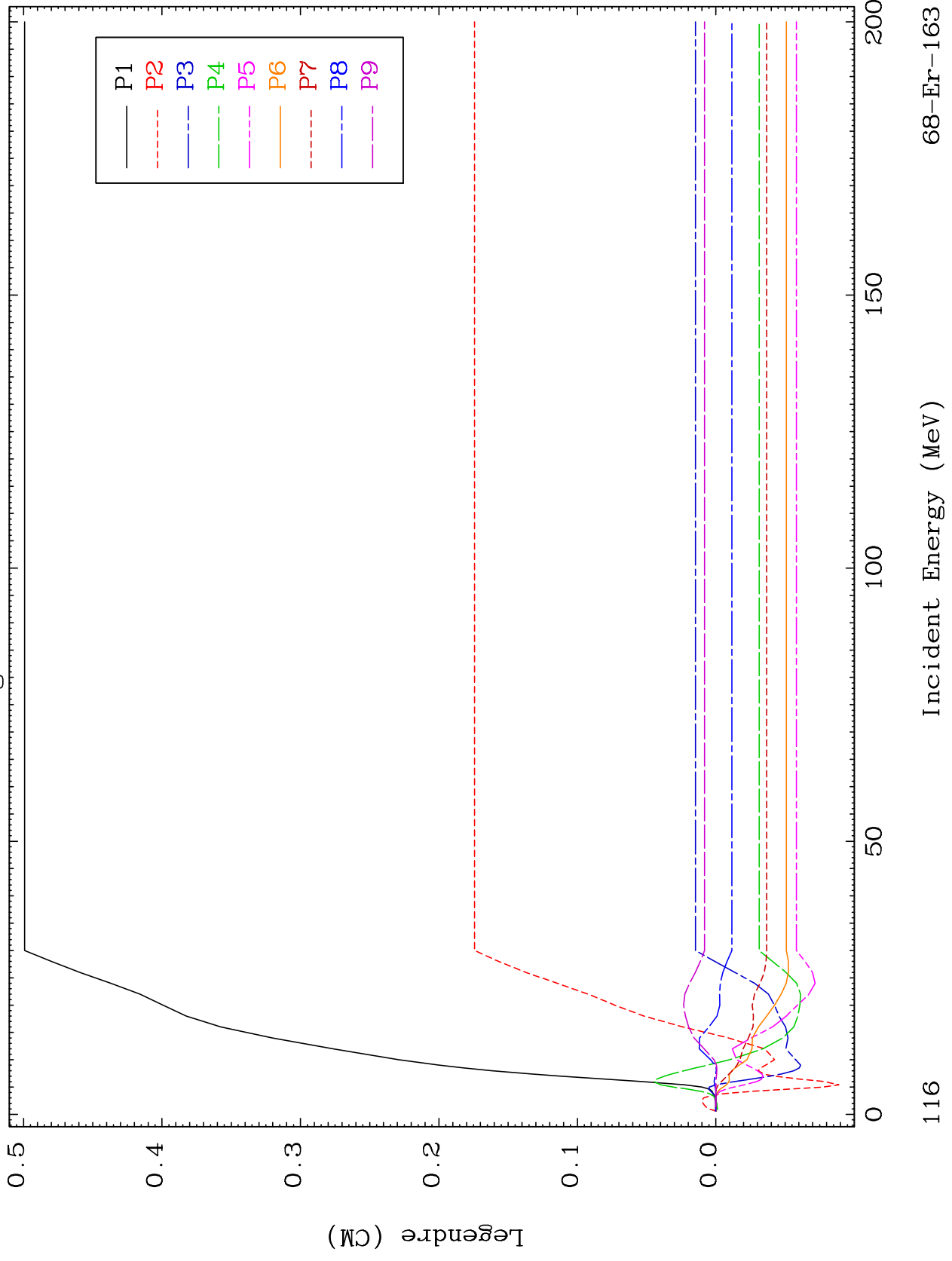
Incident Energy (MeV)

115

MAT 6828

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

68-Er-163



68-Er-163

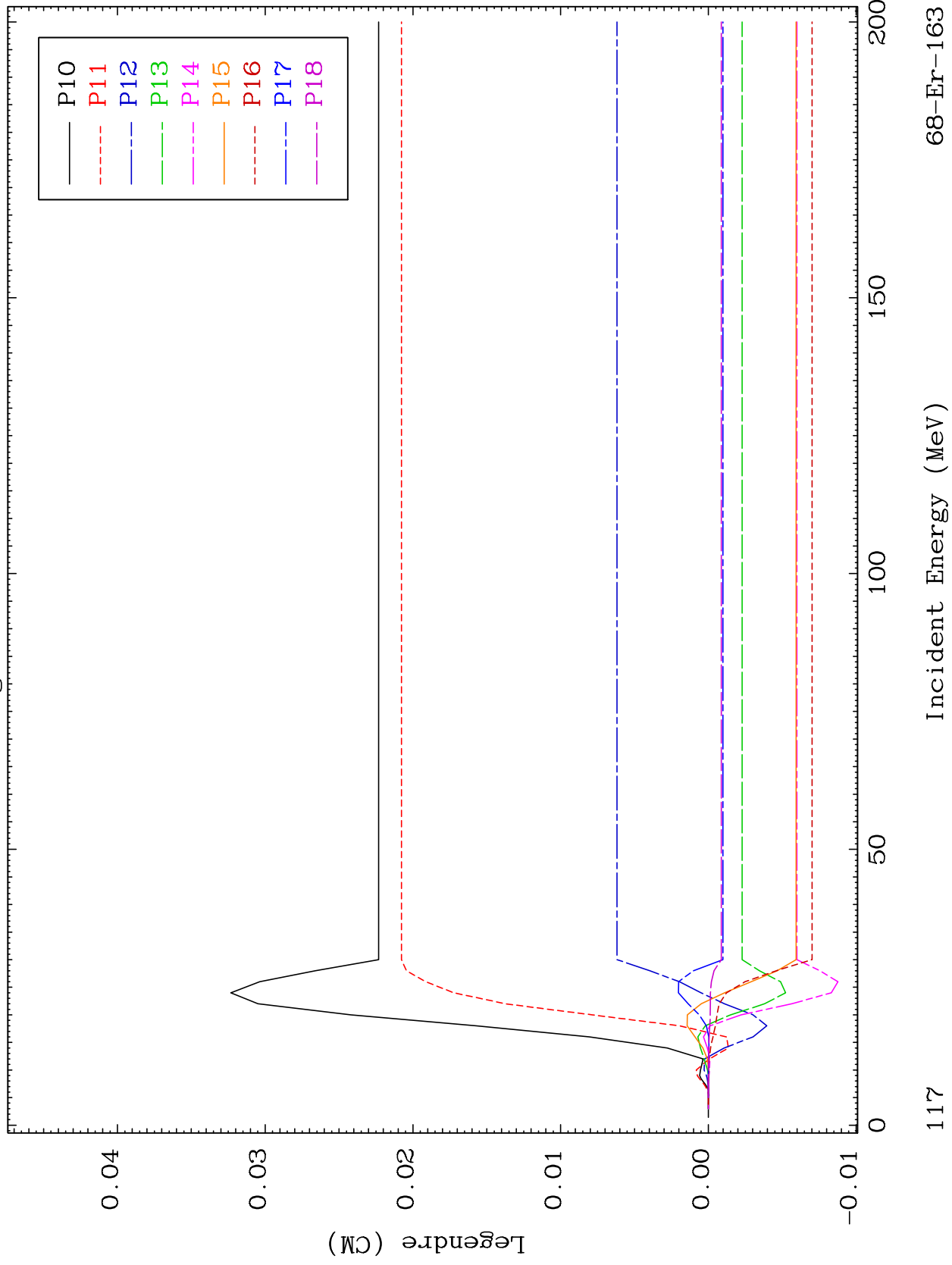
Incident Energy (MeV)

116

MAT 6828

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

68-Er-163



117

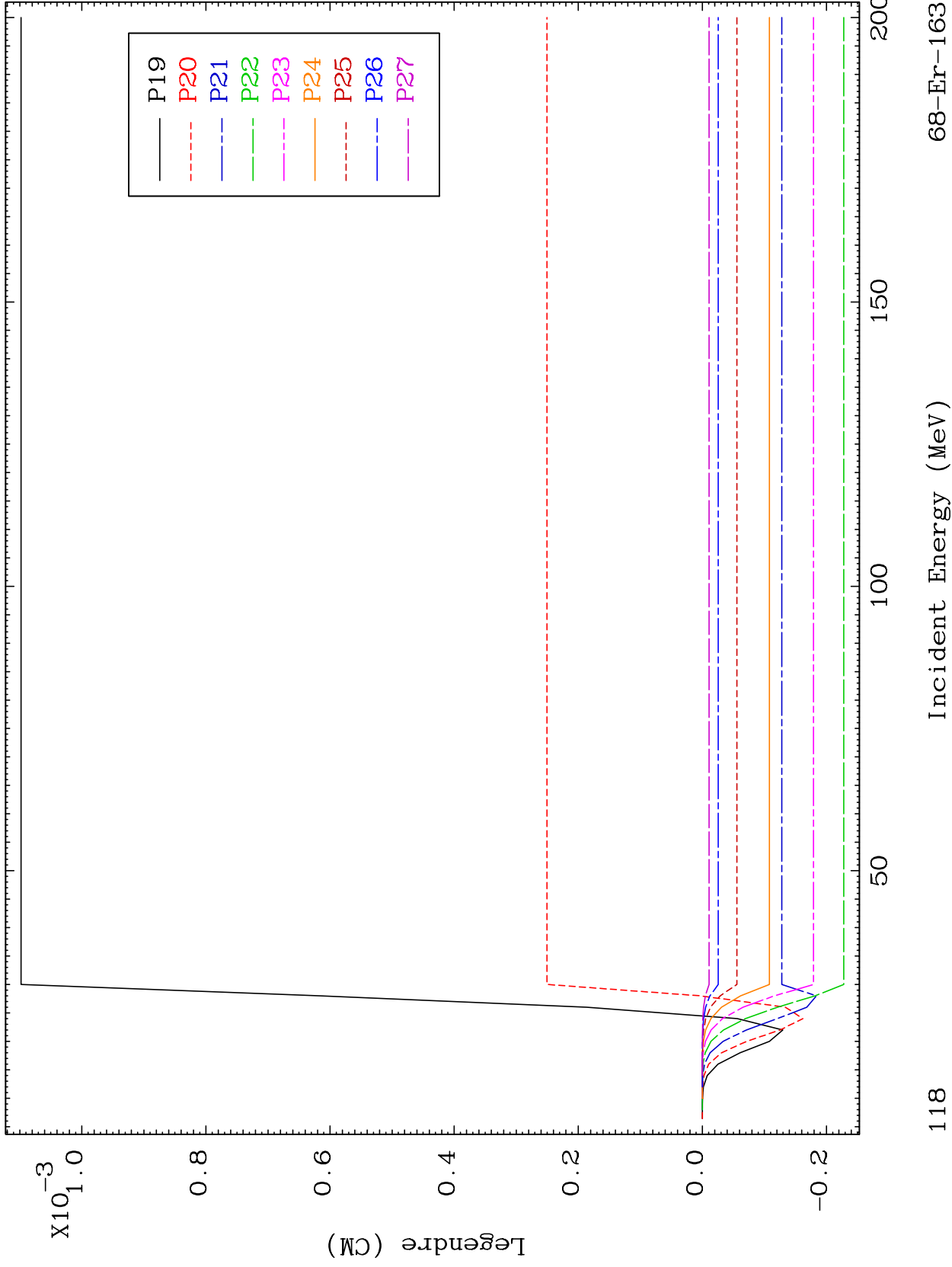
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



118

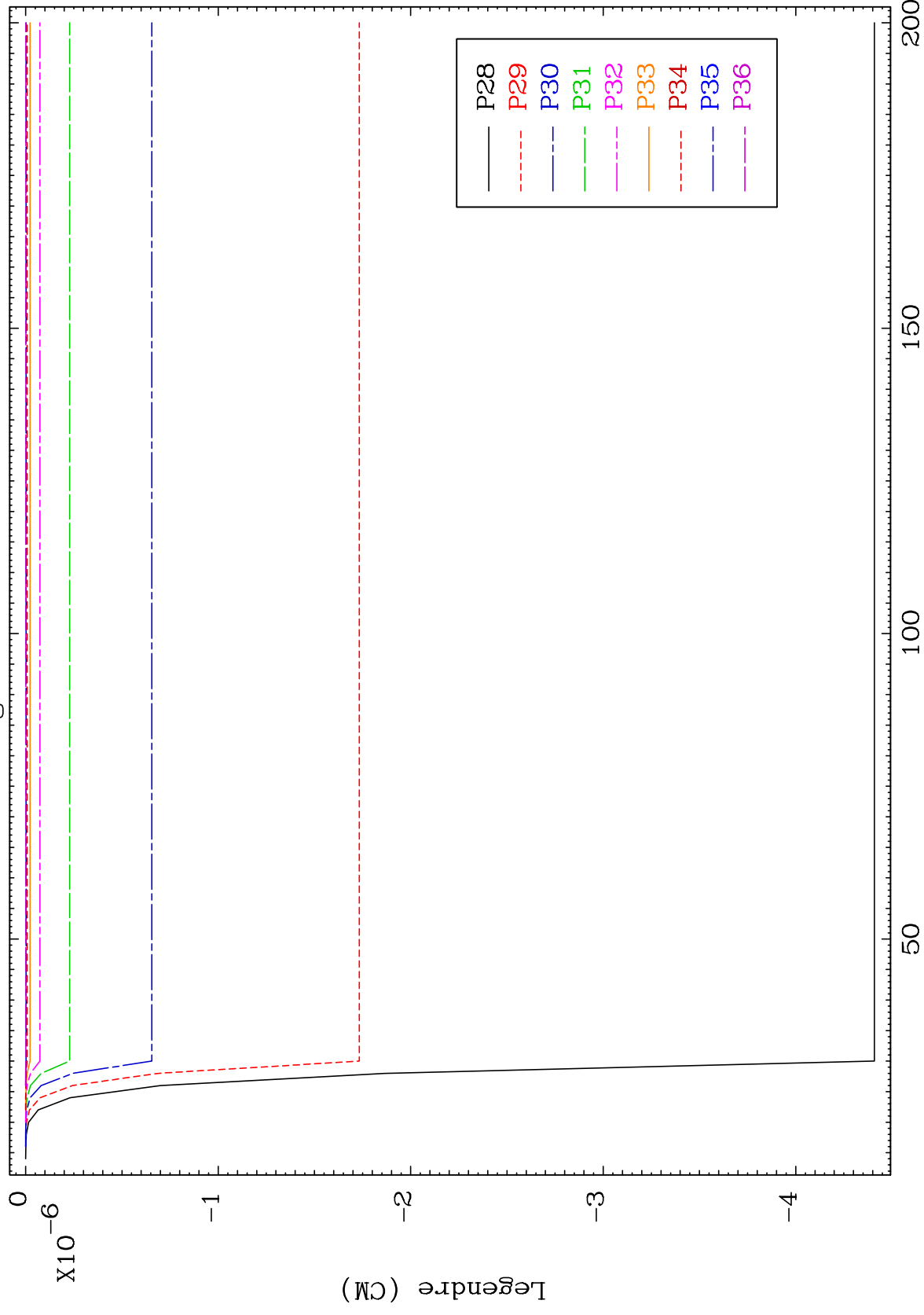
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



119

Incident Energy (MeV)

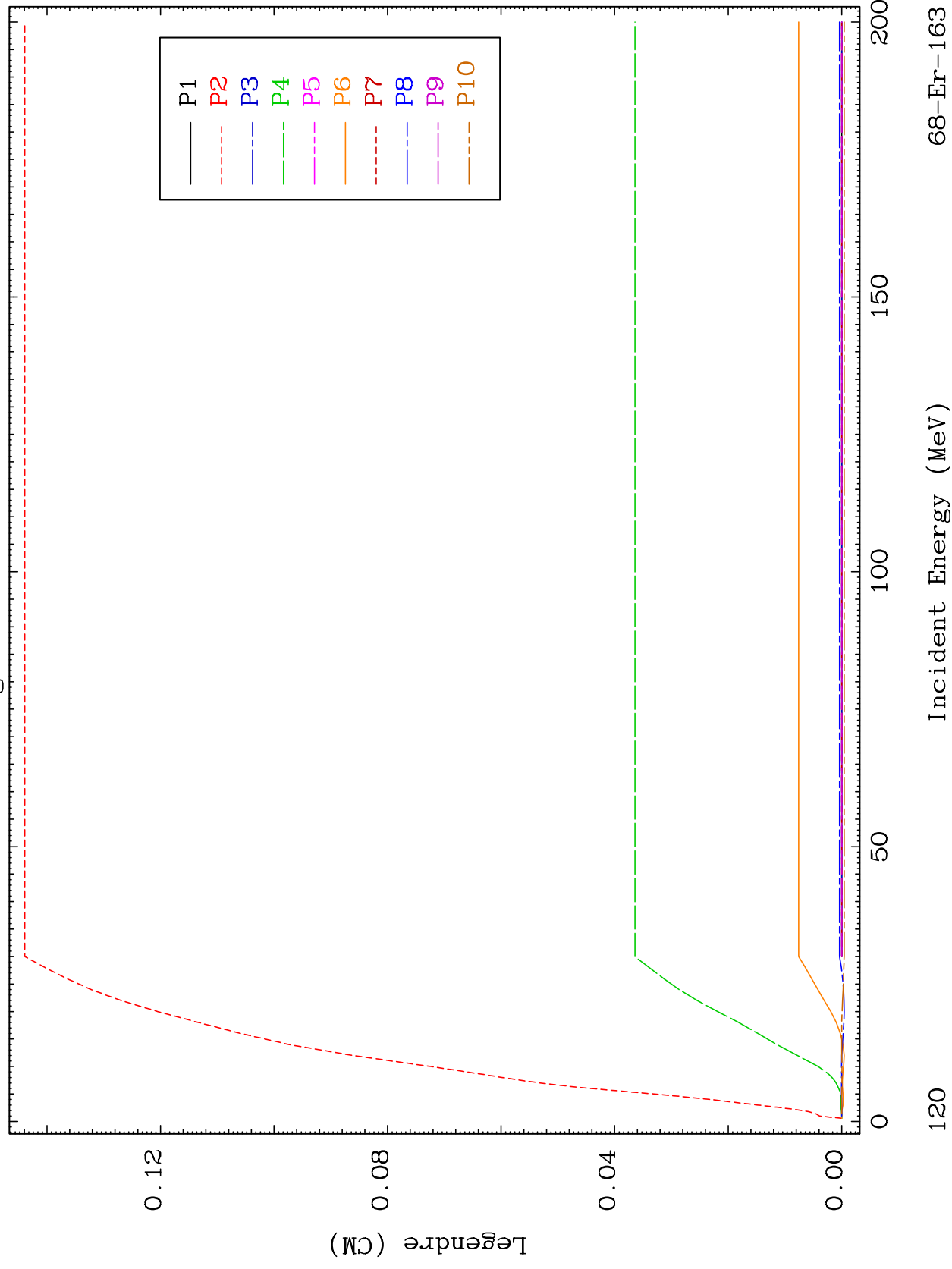
68-Er-163



MAT 6828

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

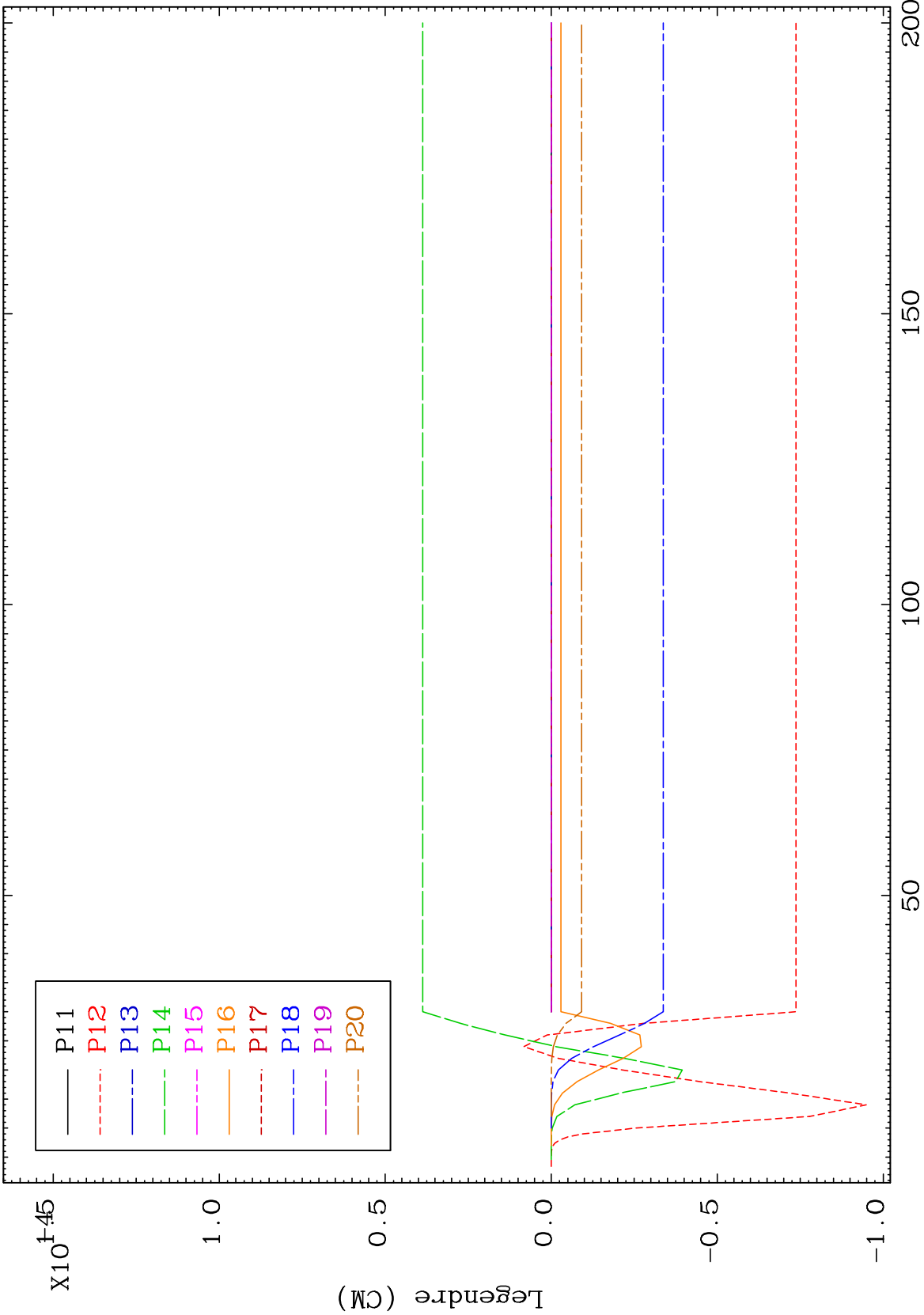
68-Er-163



68-Er-163

Incident Energy (MeV)

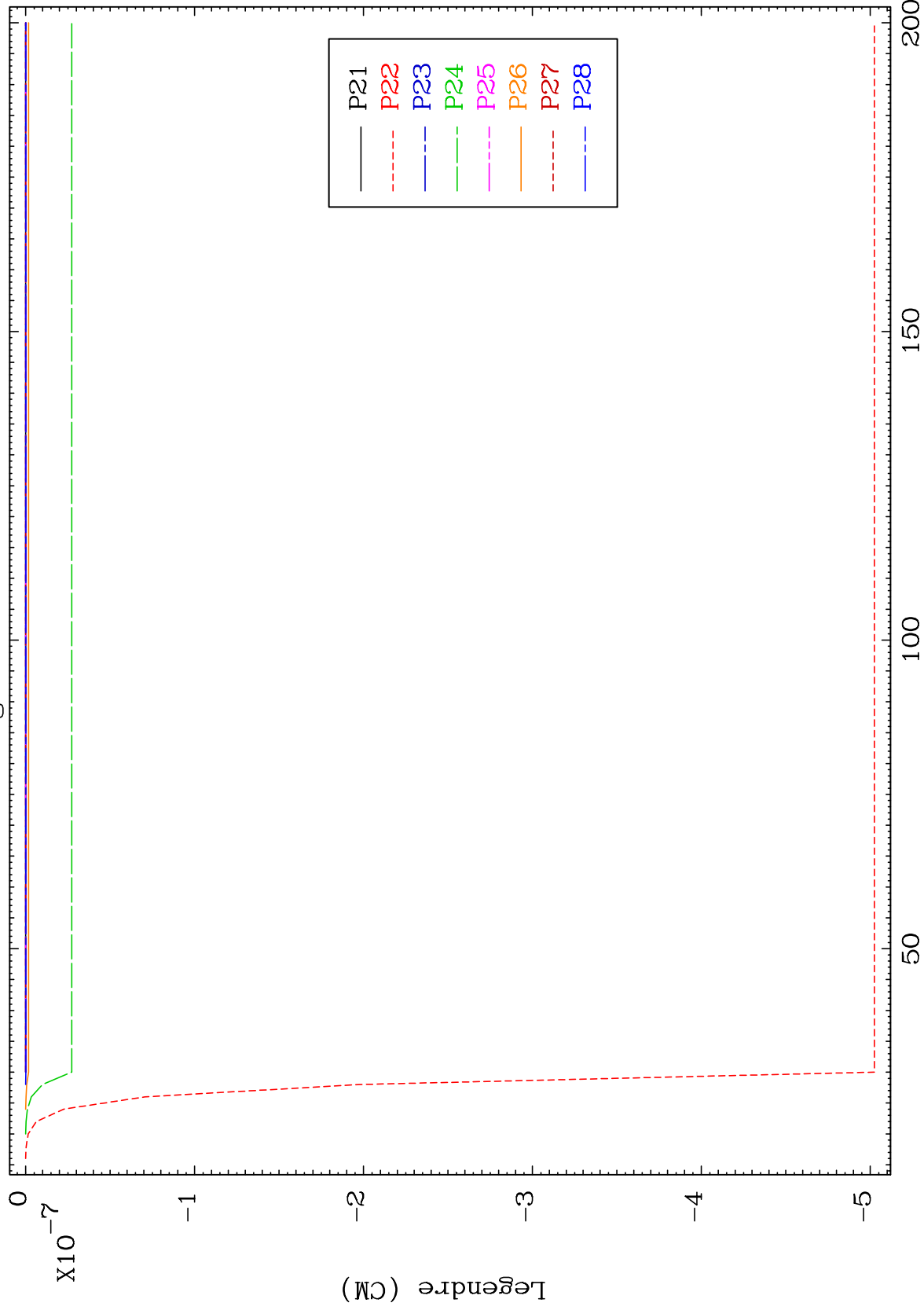
120



MAT 6828

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

68-Er-163



122

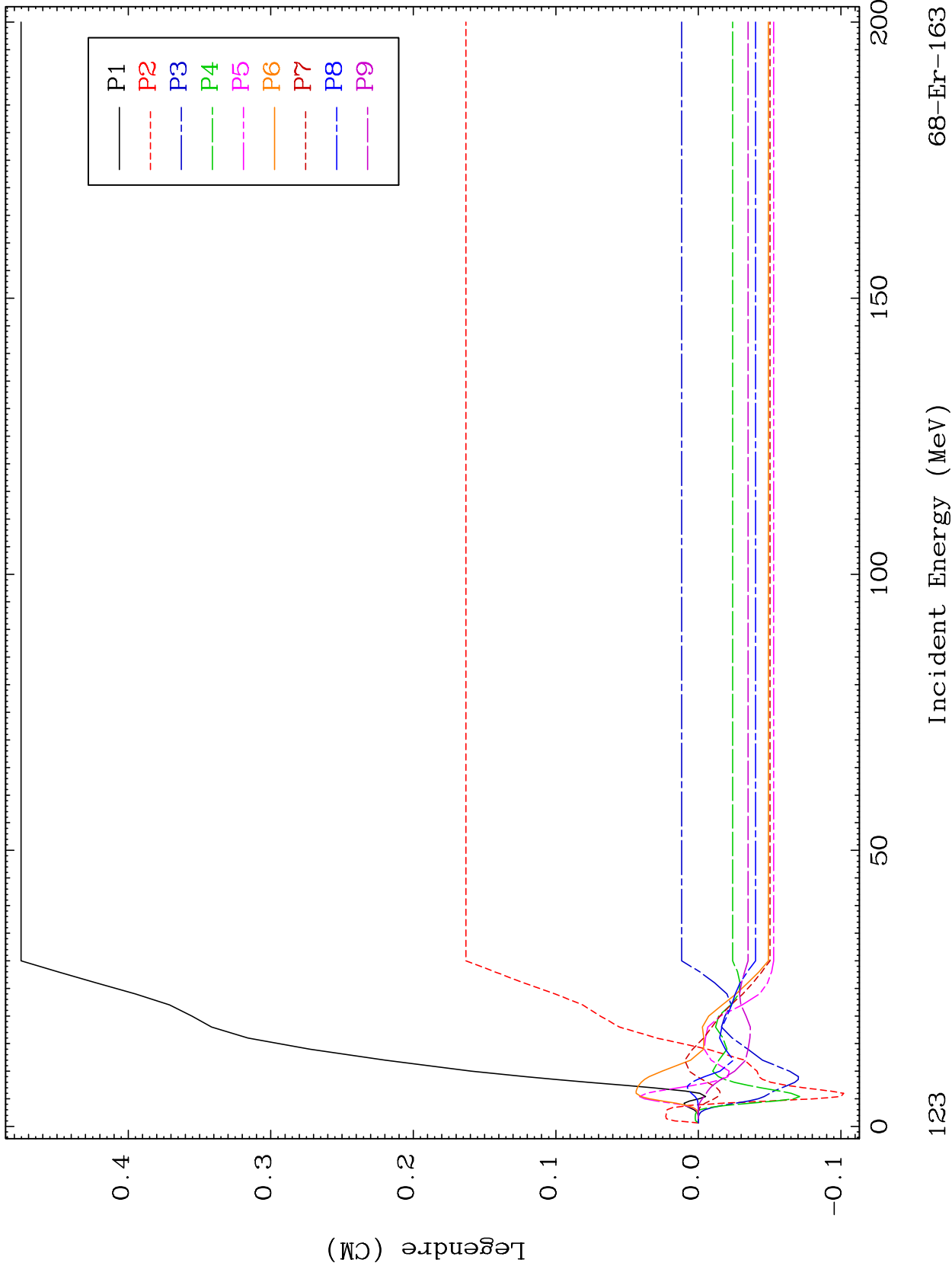
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



68-Er-163

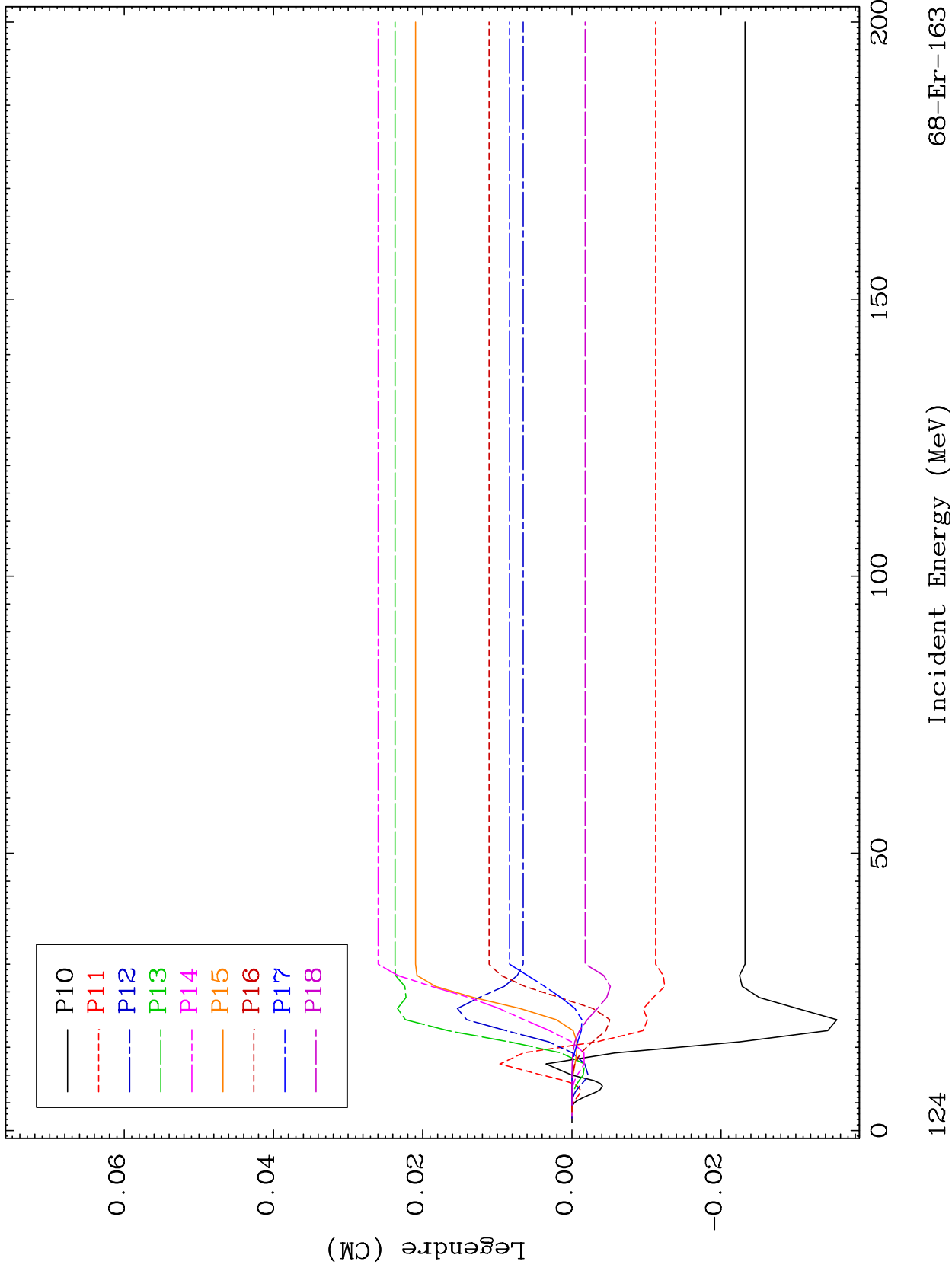
Incident Energy (MeV)

123

MAT 6828

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

68-Er-163



68-Er-163

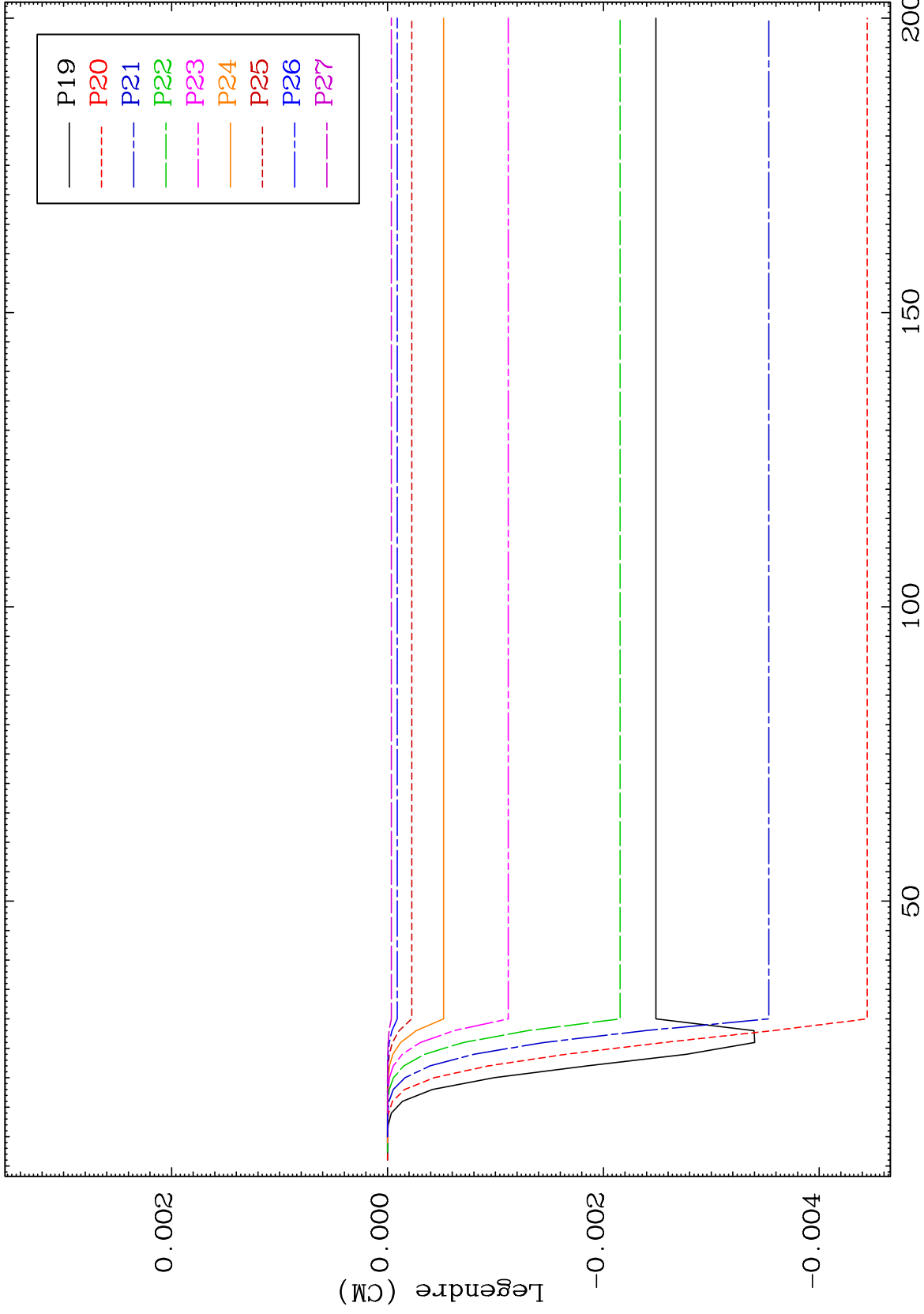
Incident Energy (MeV)

124

MAT 6828

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

68-Er-163



125

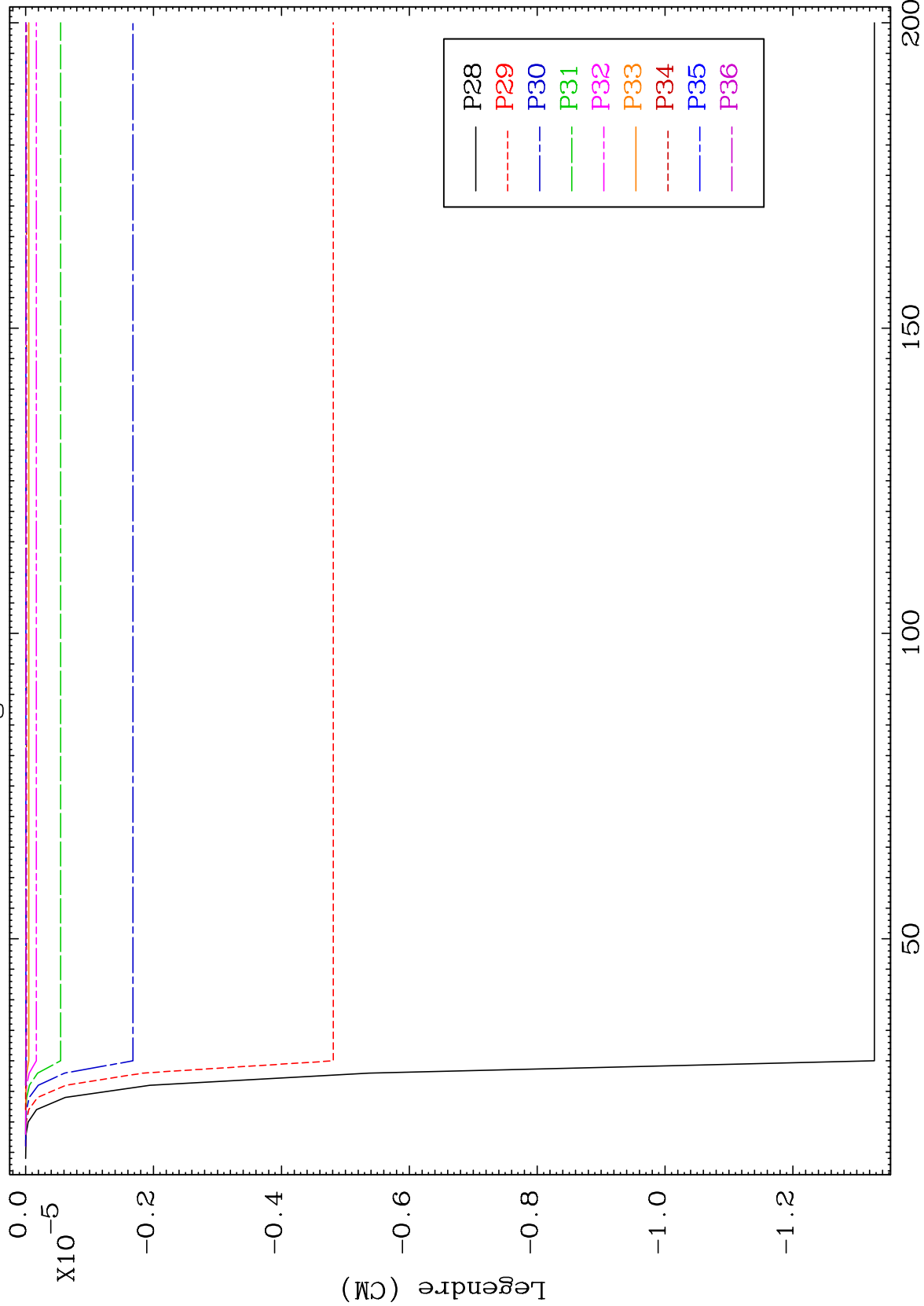
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



126

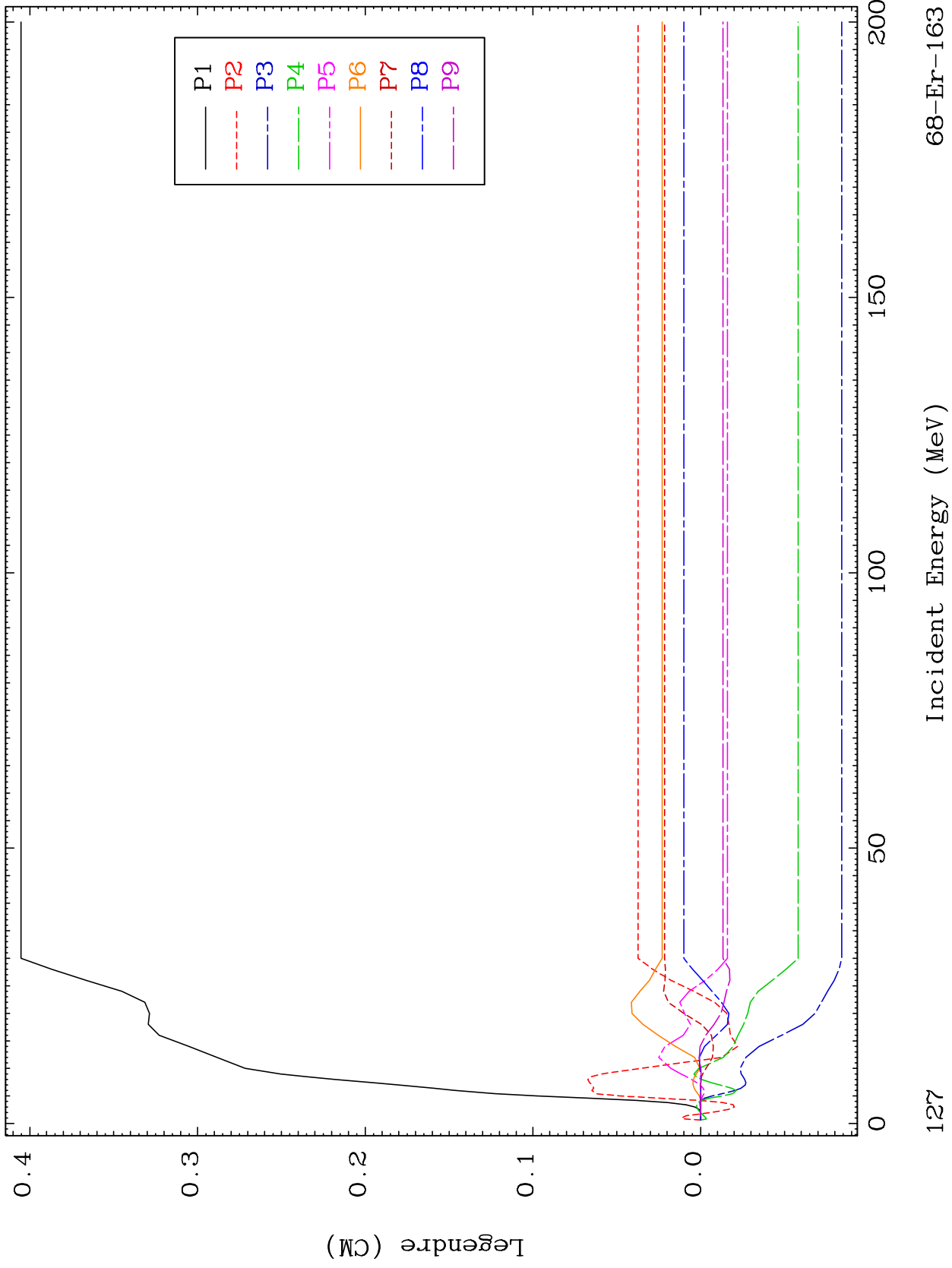
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163

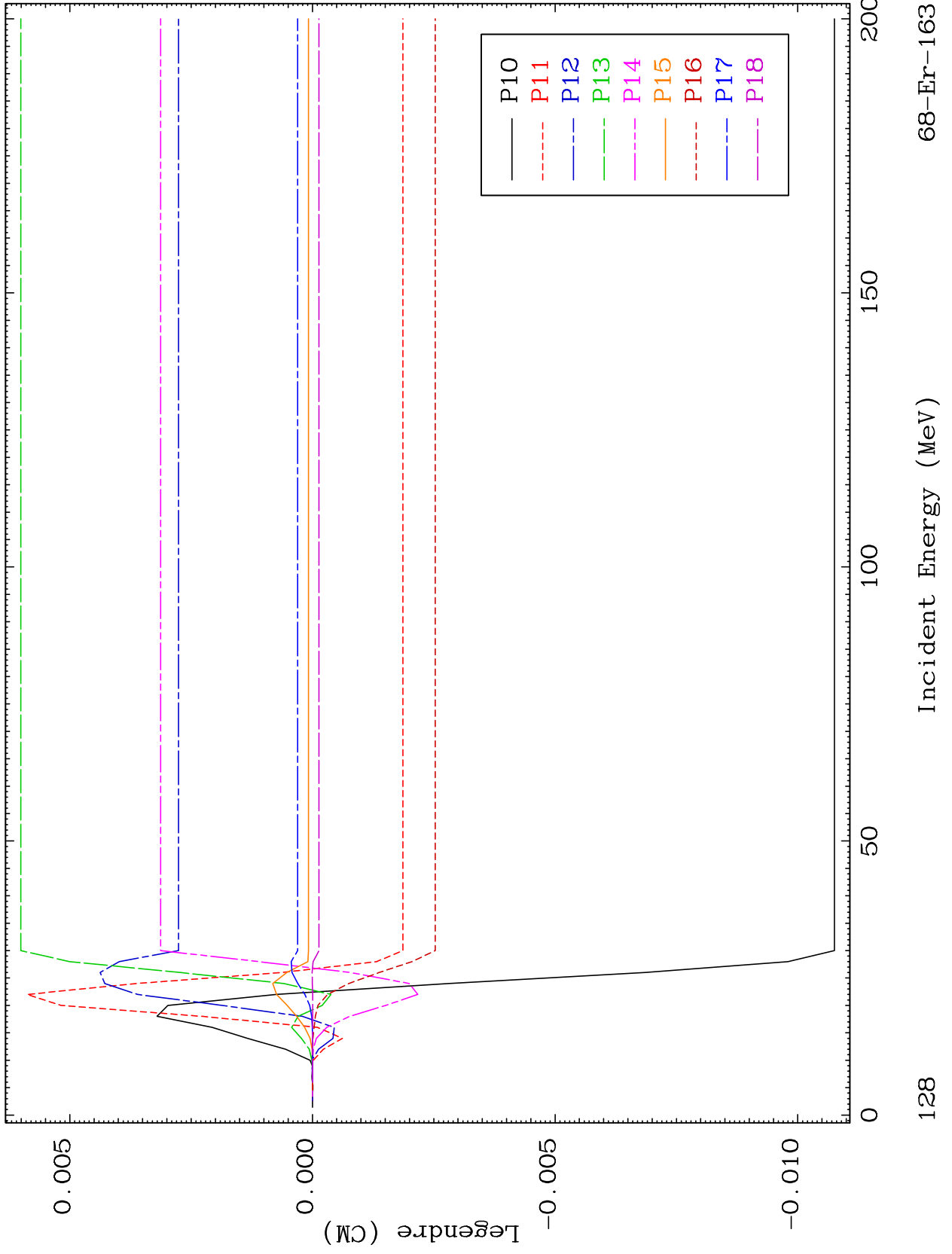




MAT 6828

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

68-Er-163



128

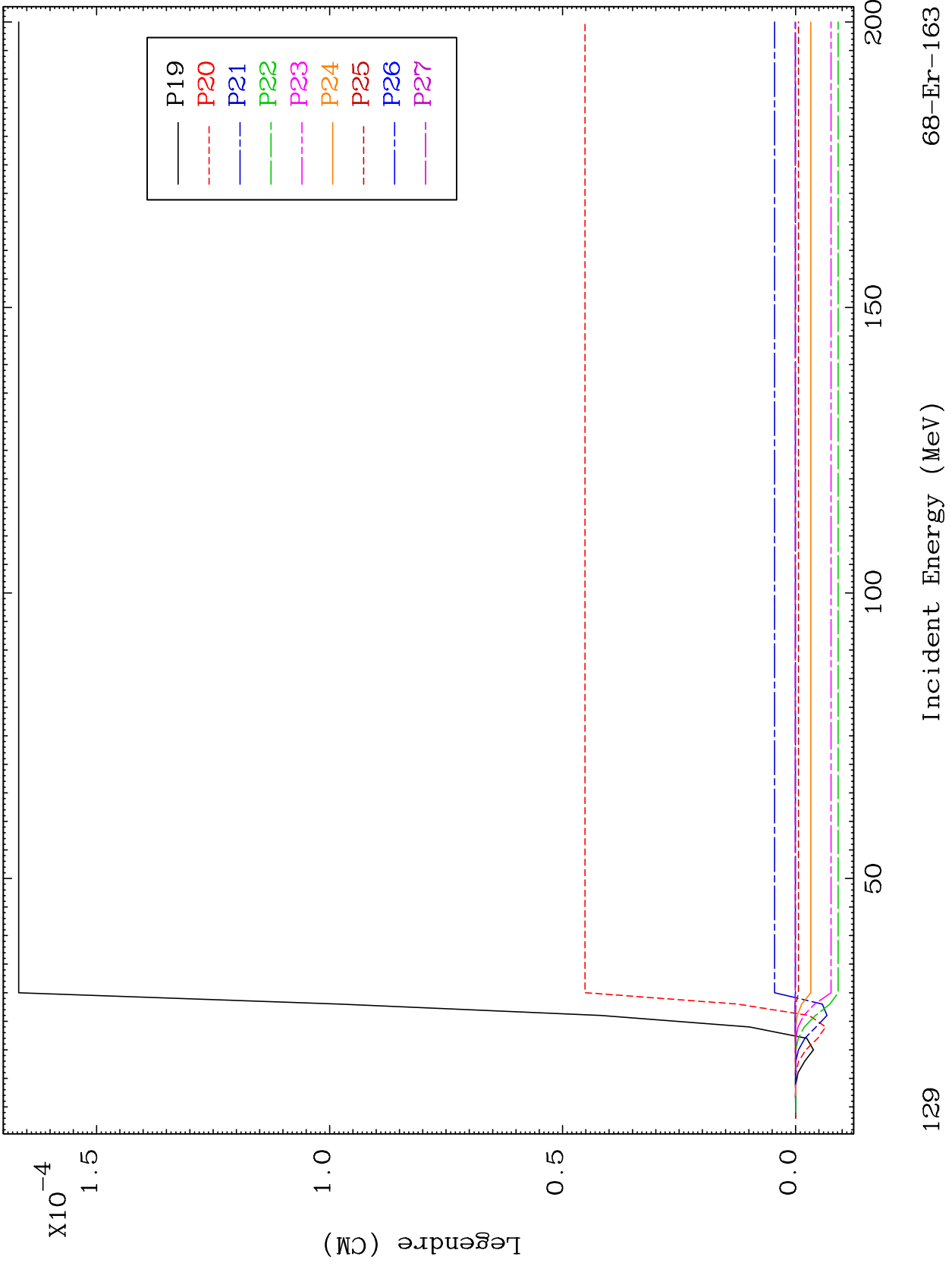
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



129

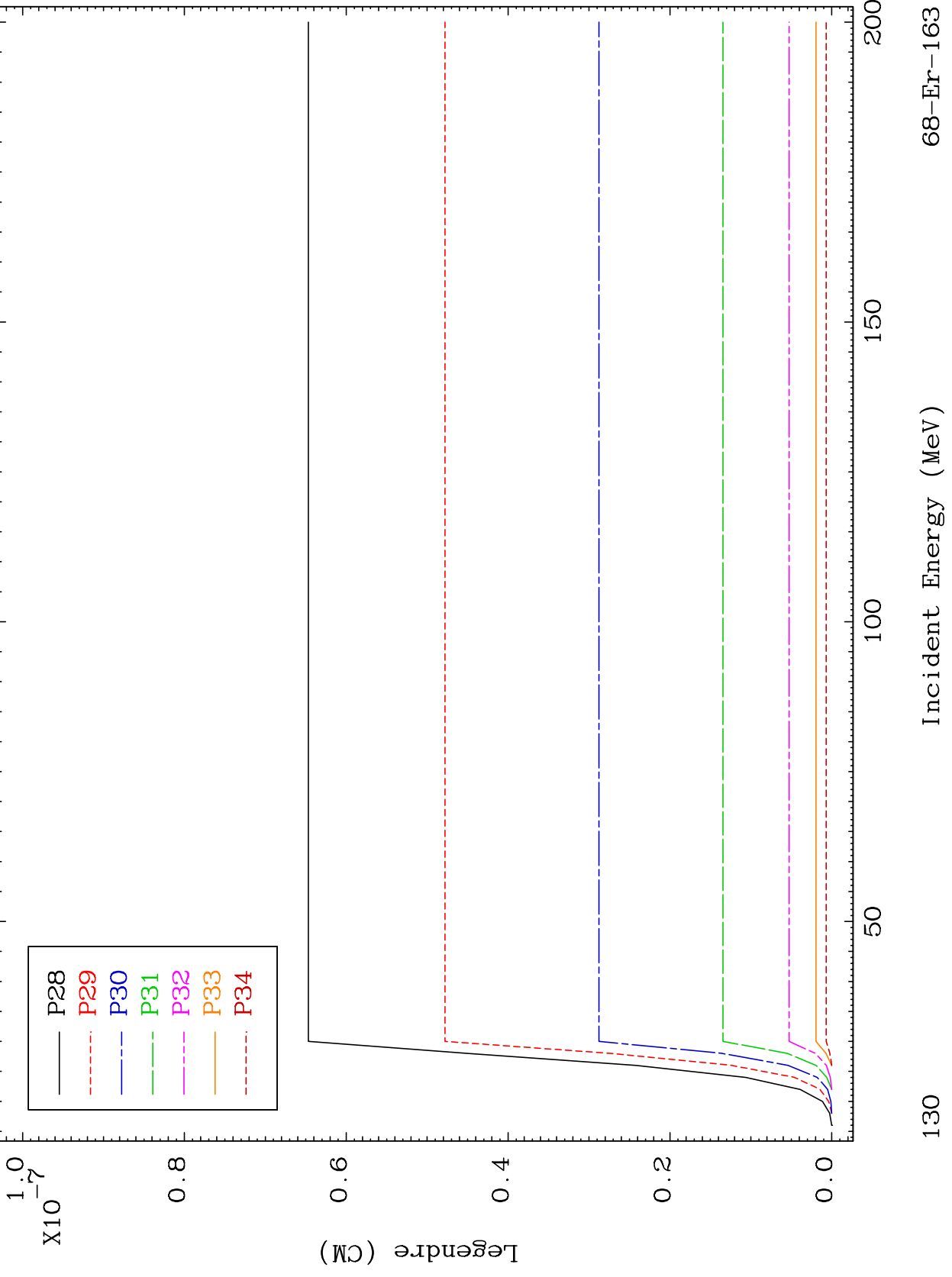
Incident Energy (MeV)

68-Er-163

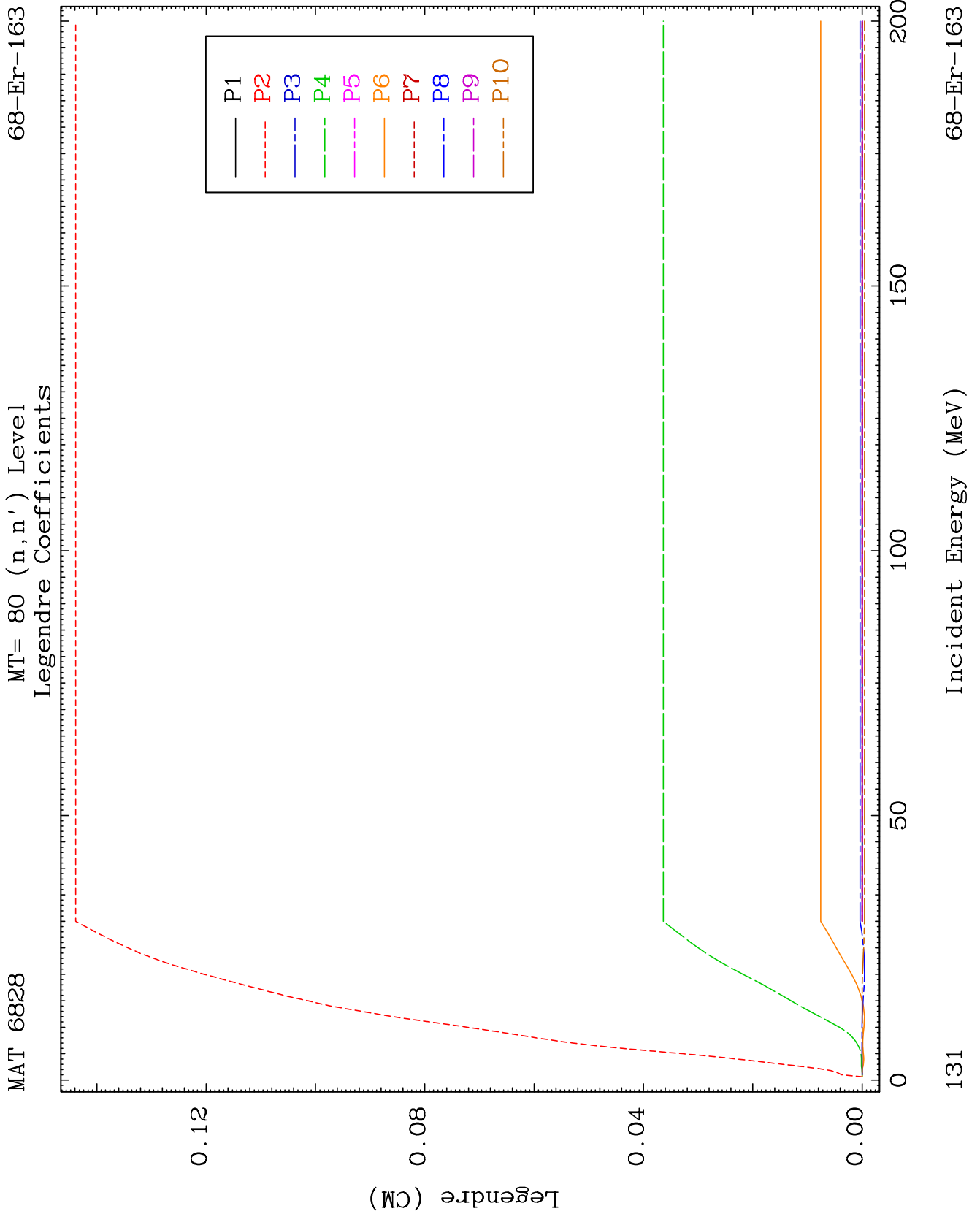
MAT 6828

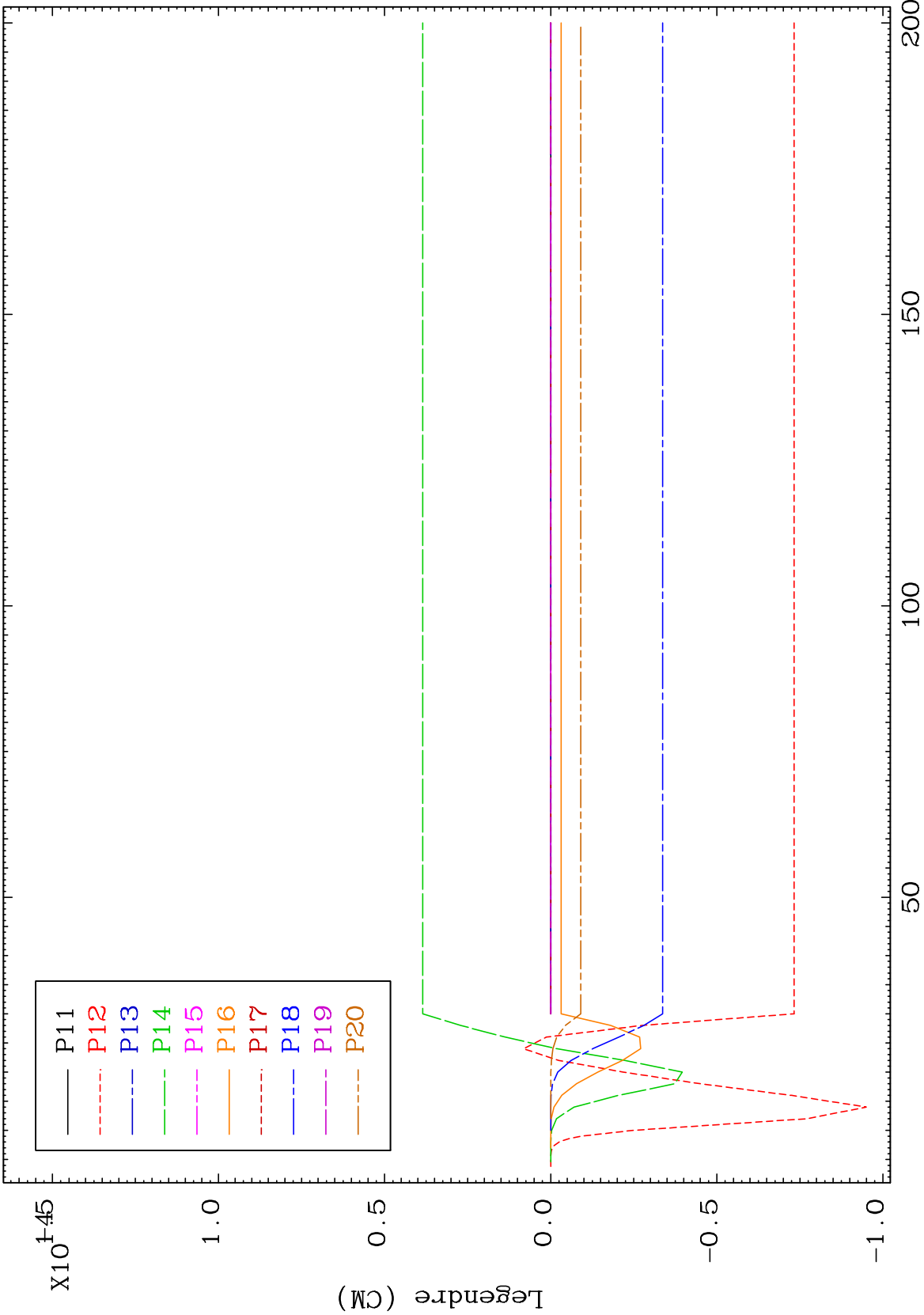
MT= 79 (n,n') Level  
Legendre Coefficients

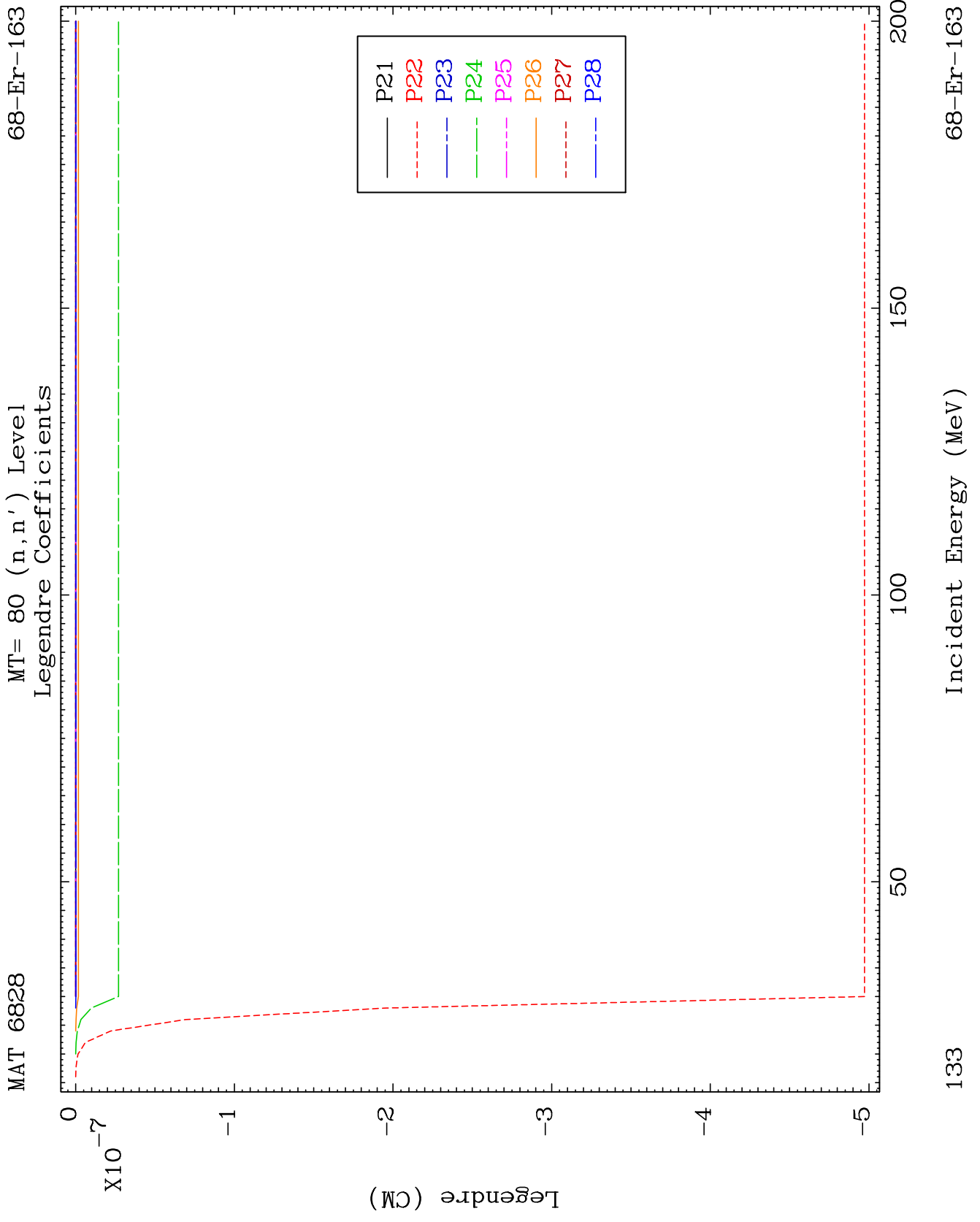
68-Er-163

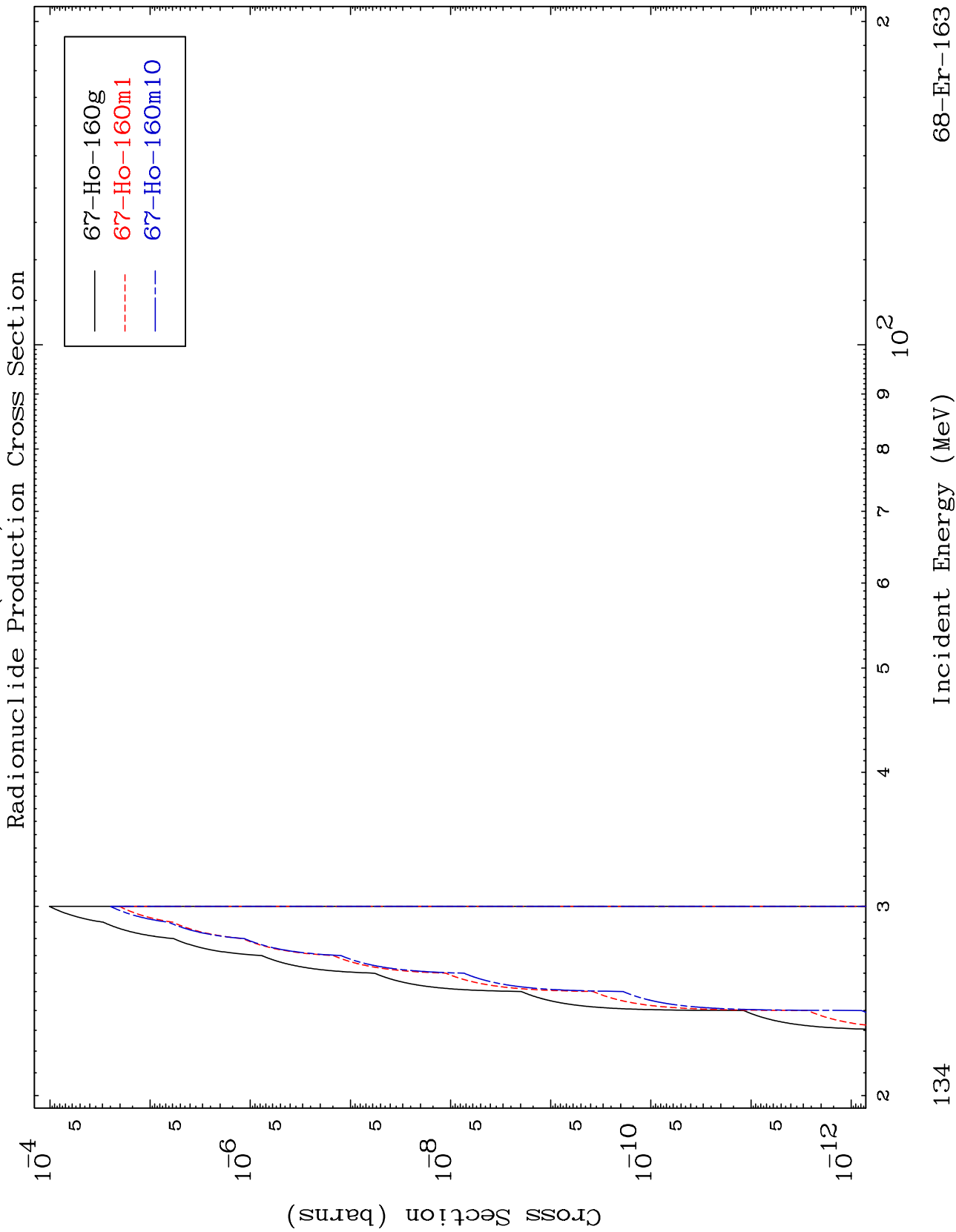


68-Er-163





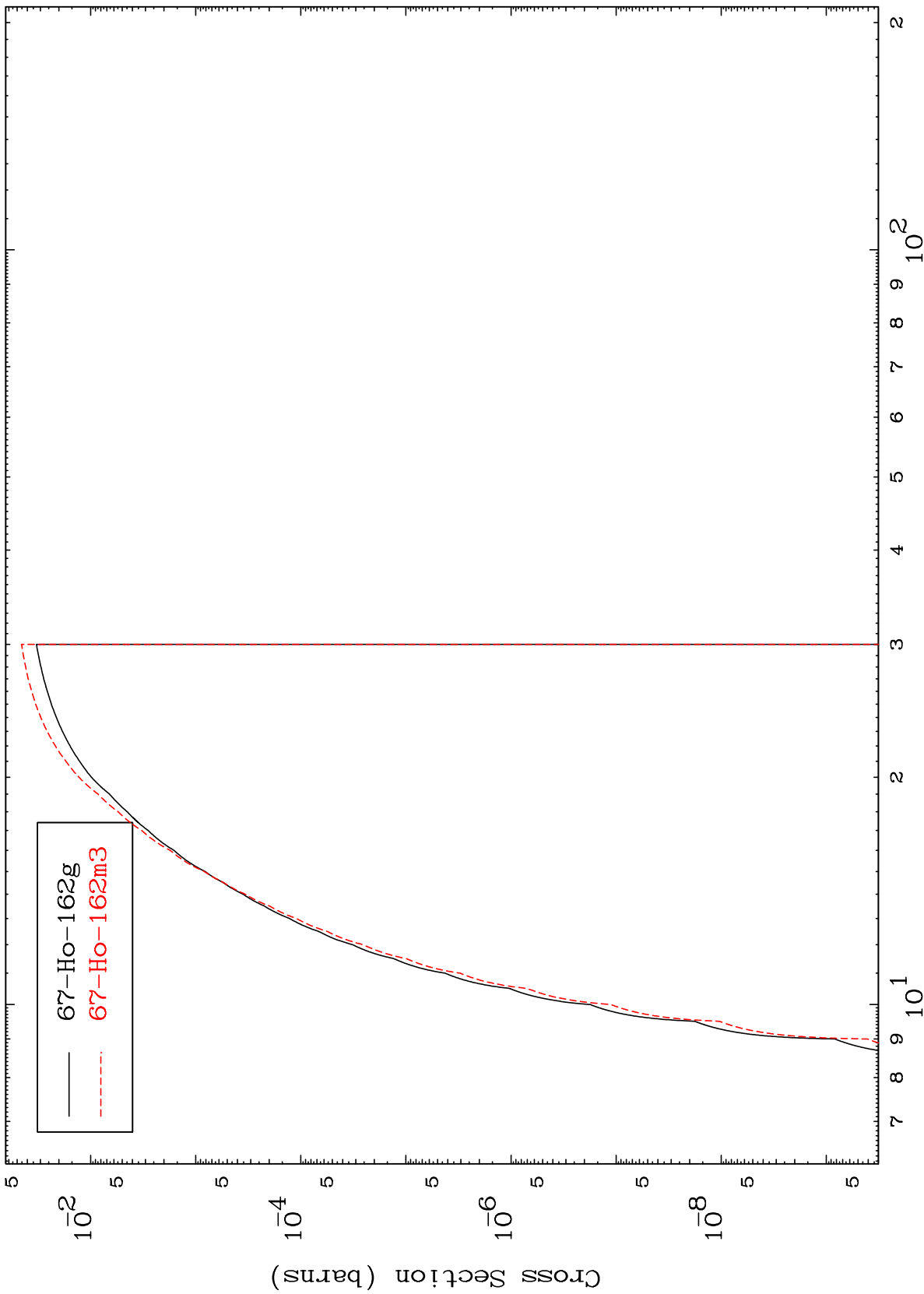




MAT 6828

68-Er-163

(n,n') p  
Radionuclide Production Cross Section



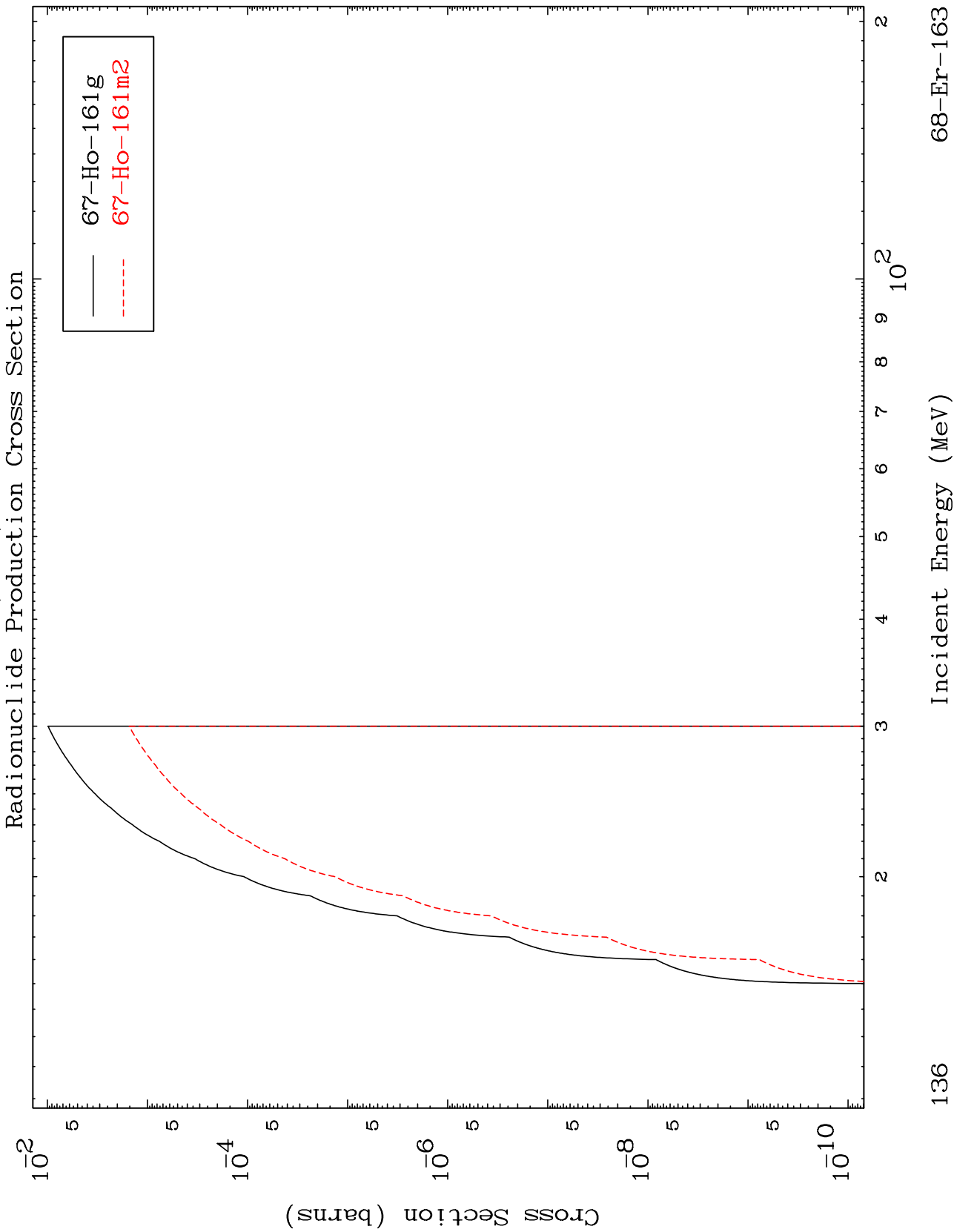
— 67-Ho-162g  
- - - 67-Ho-162m3

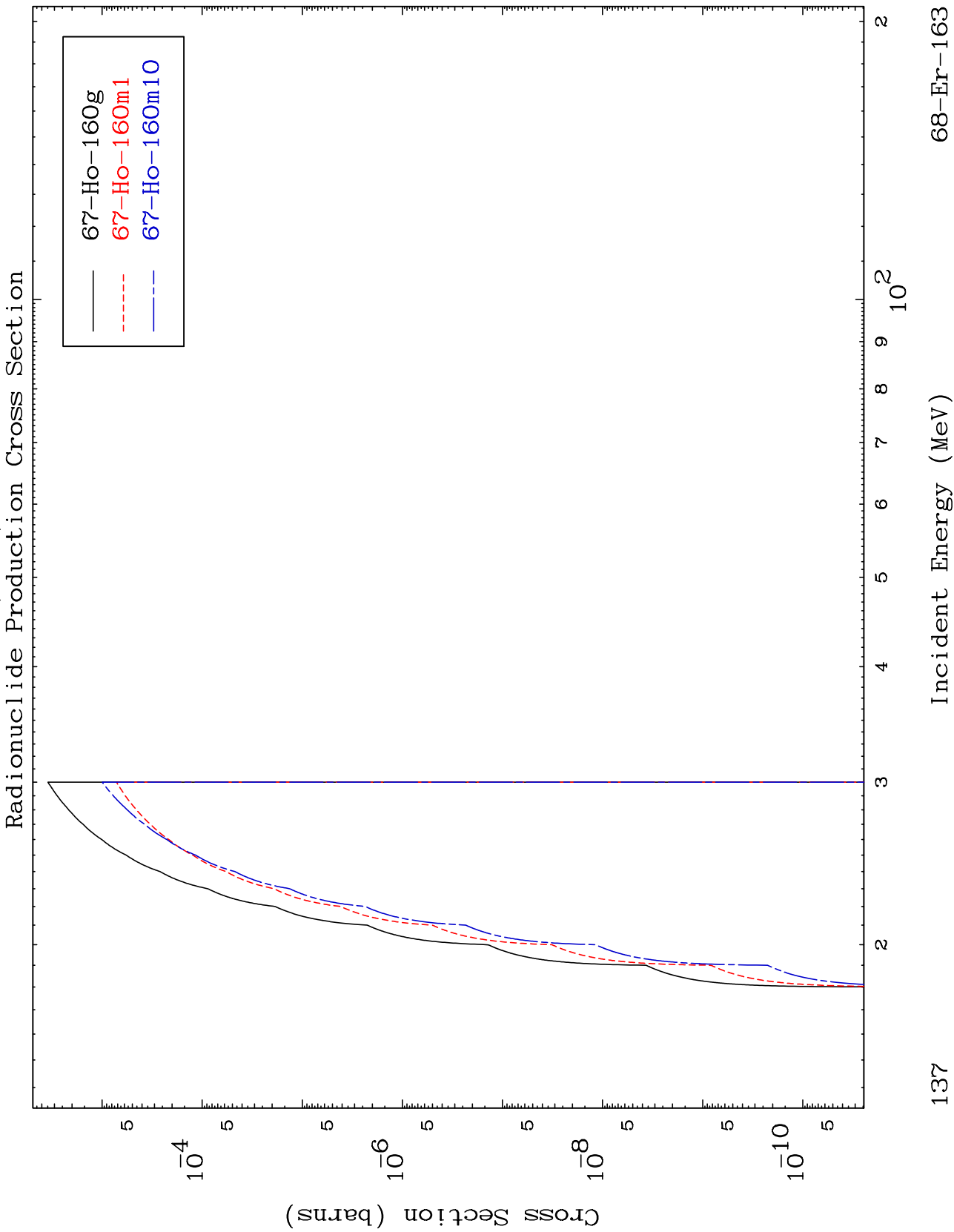
135

Incident Energy (MeV)

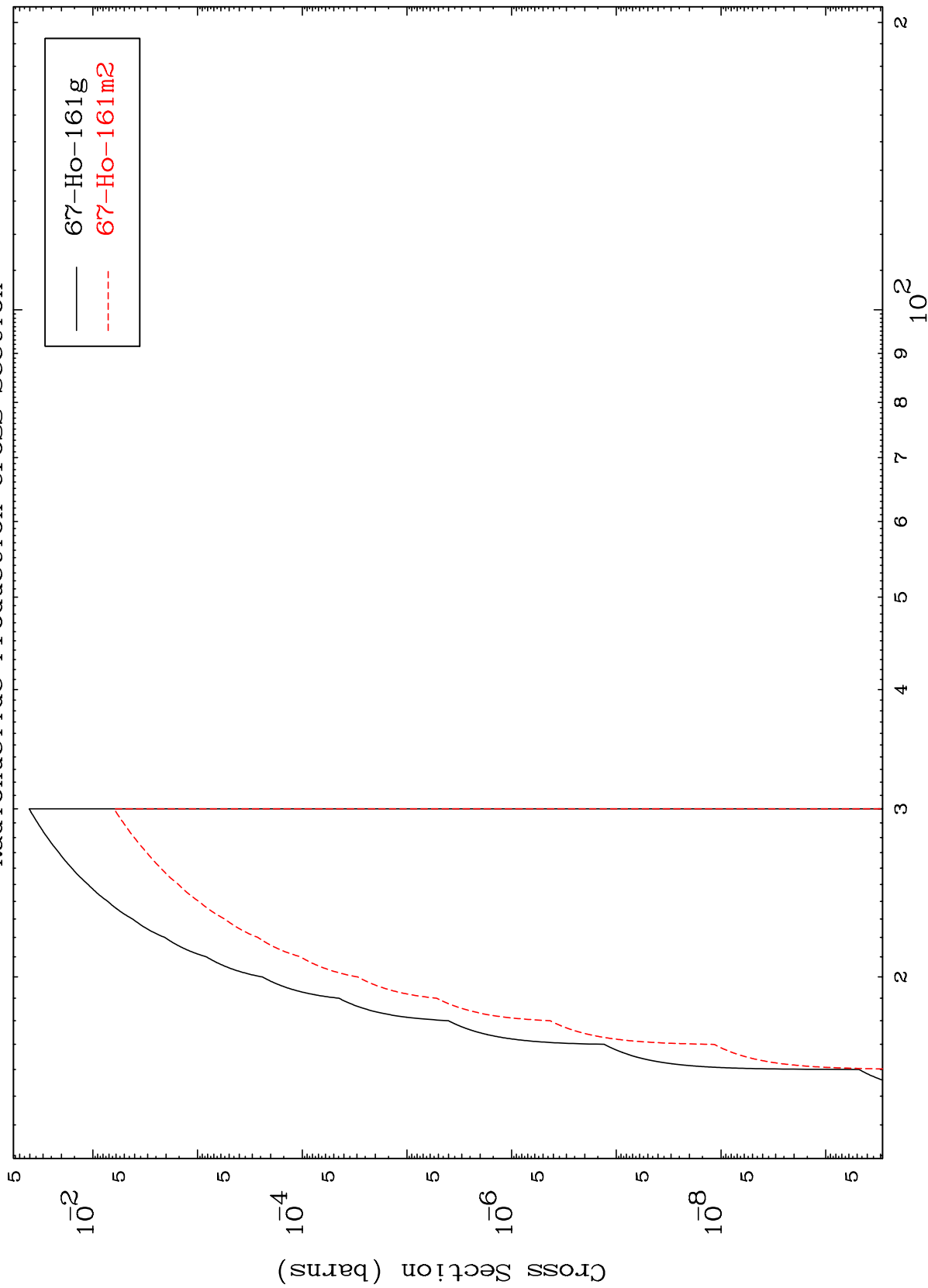
68-Er-163



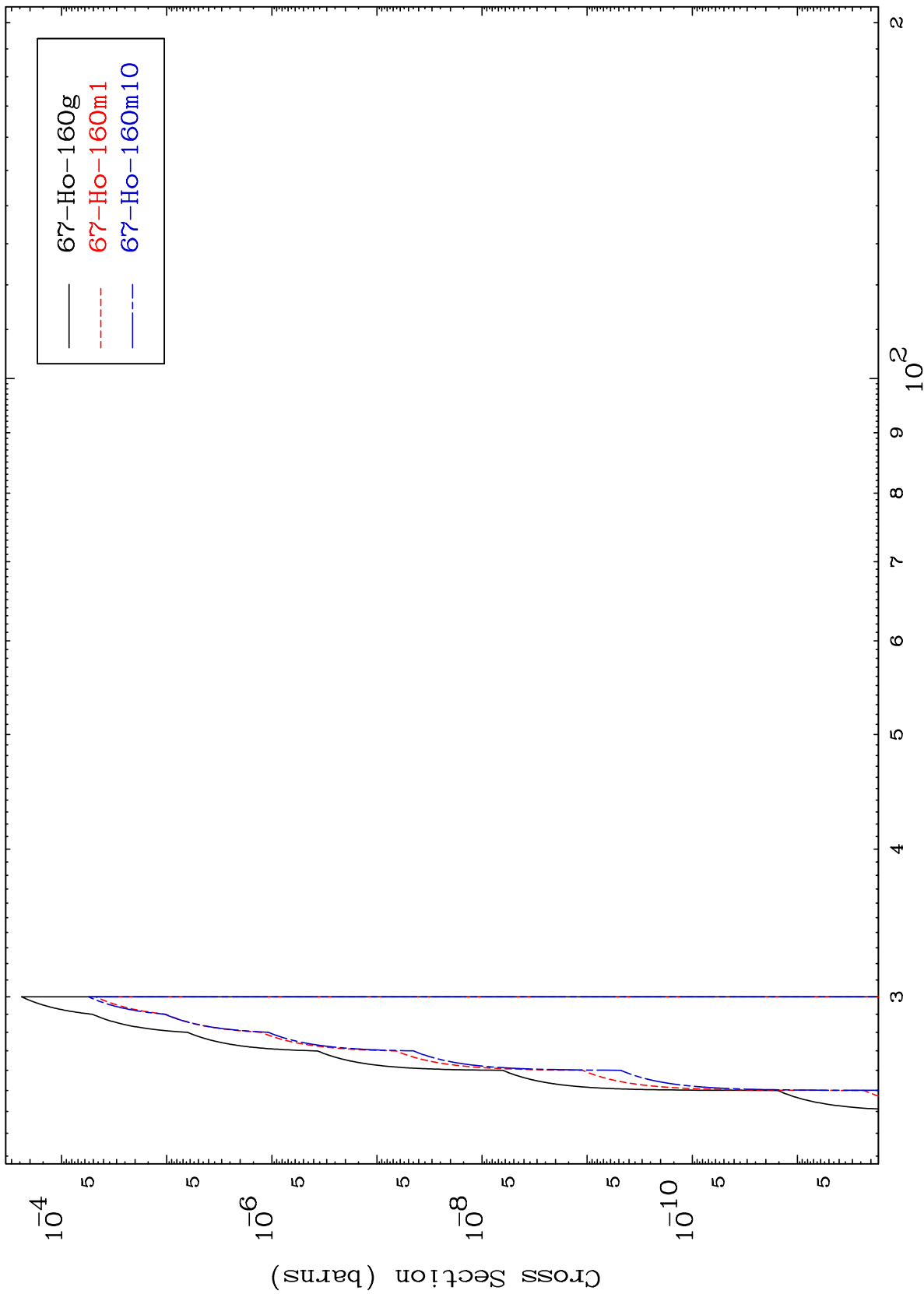




Radionuclide Production Cross Section



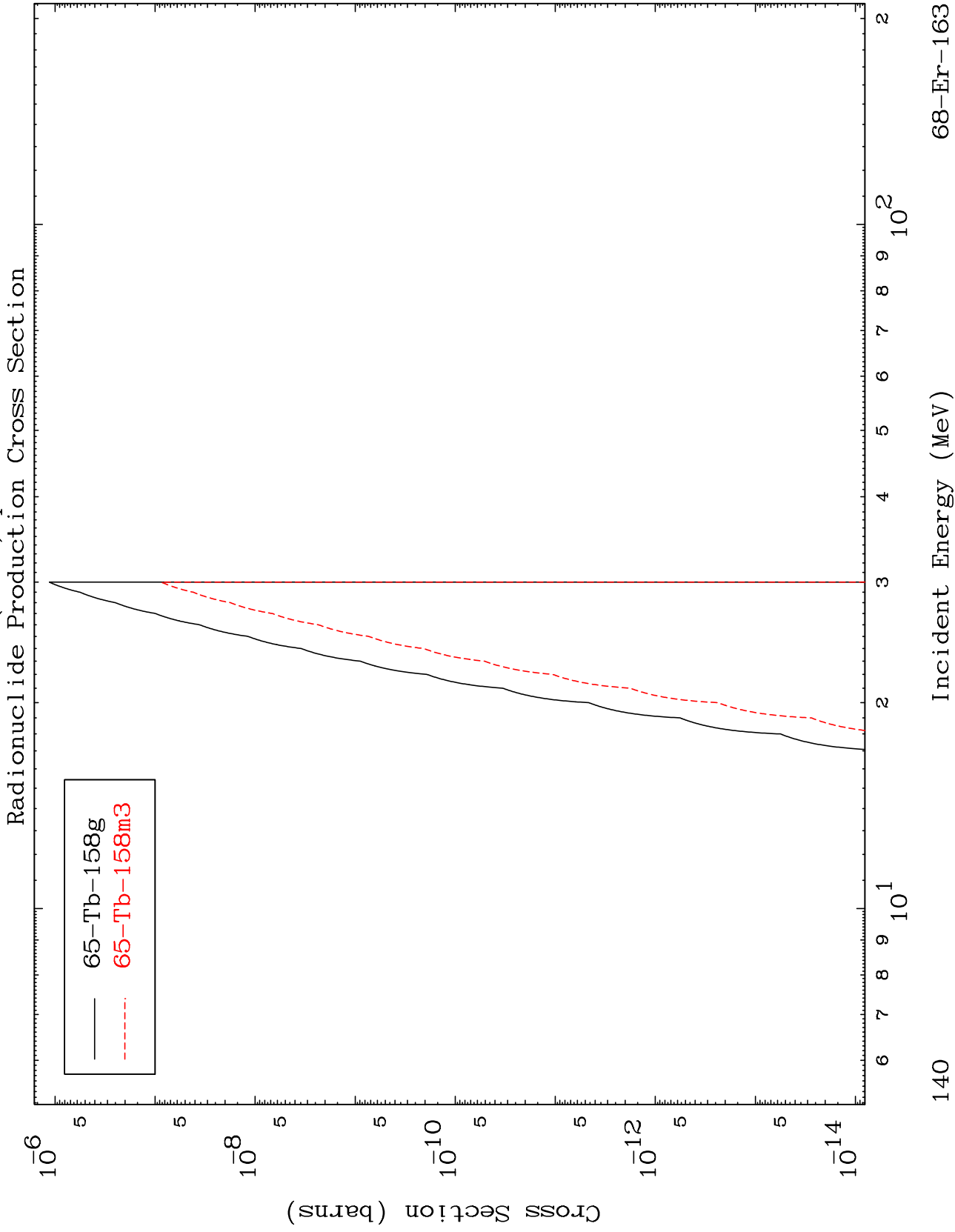
Radionuclide Production Cross Section



MAT 6828

(n,n') p  $\alpha$

68-Er-163

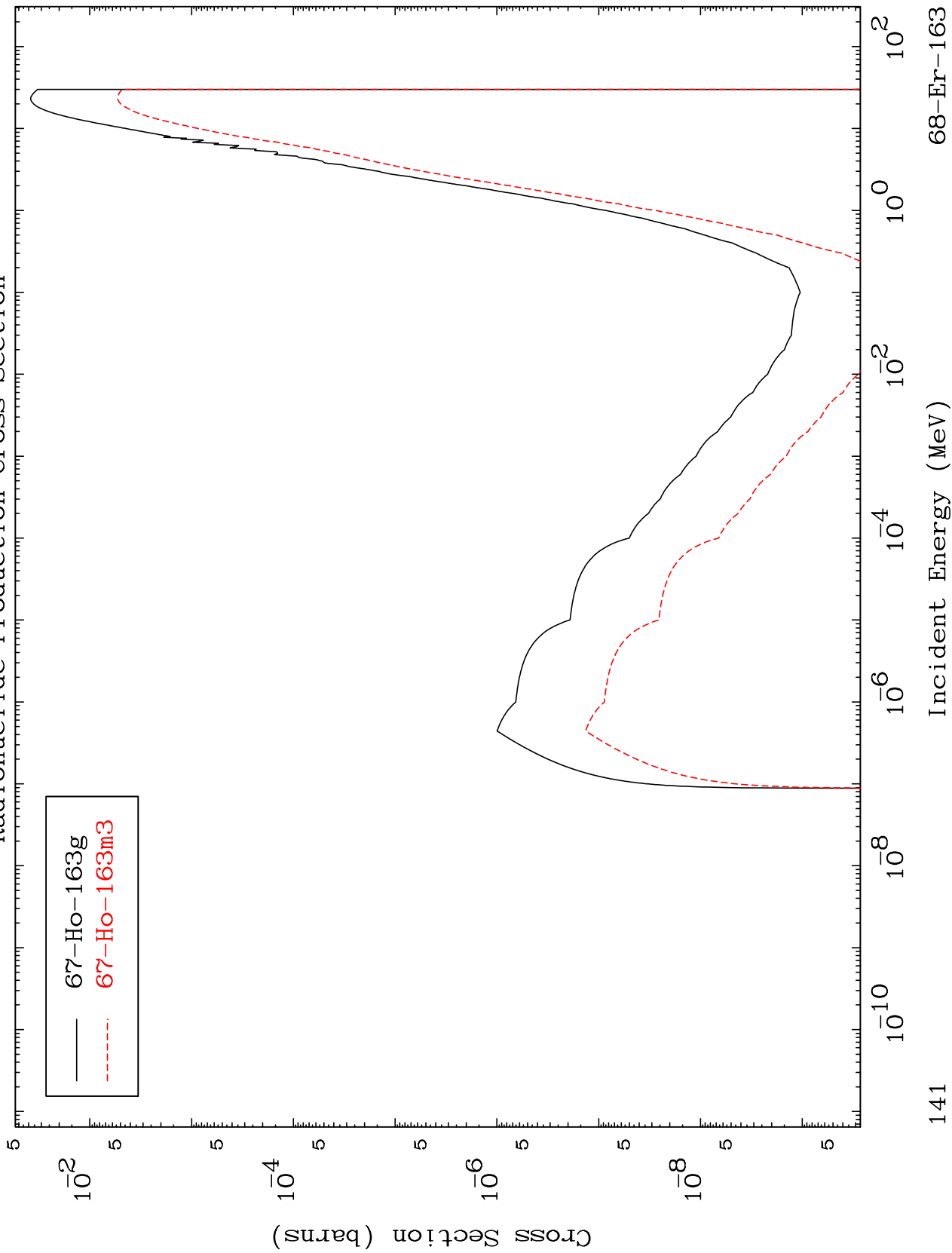


MAT 6828

(n,p)

68-Er-163

Radionuclide Production Cross Section



141

Incident Energy (MeV)

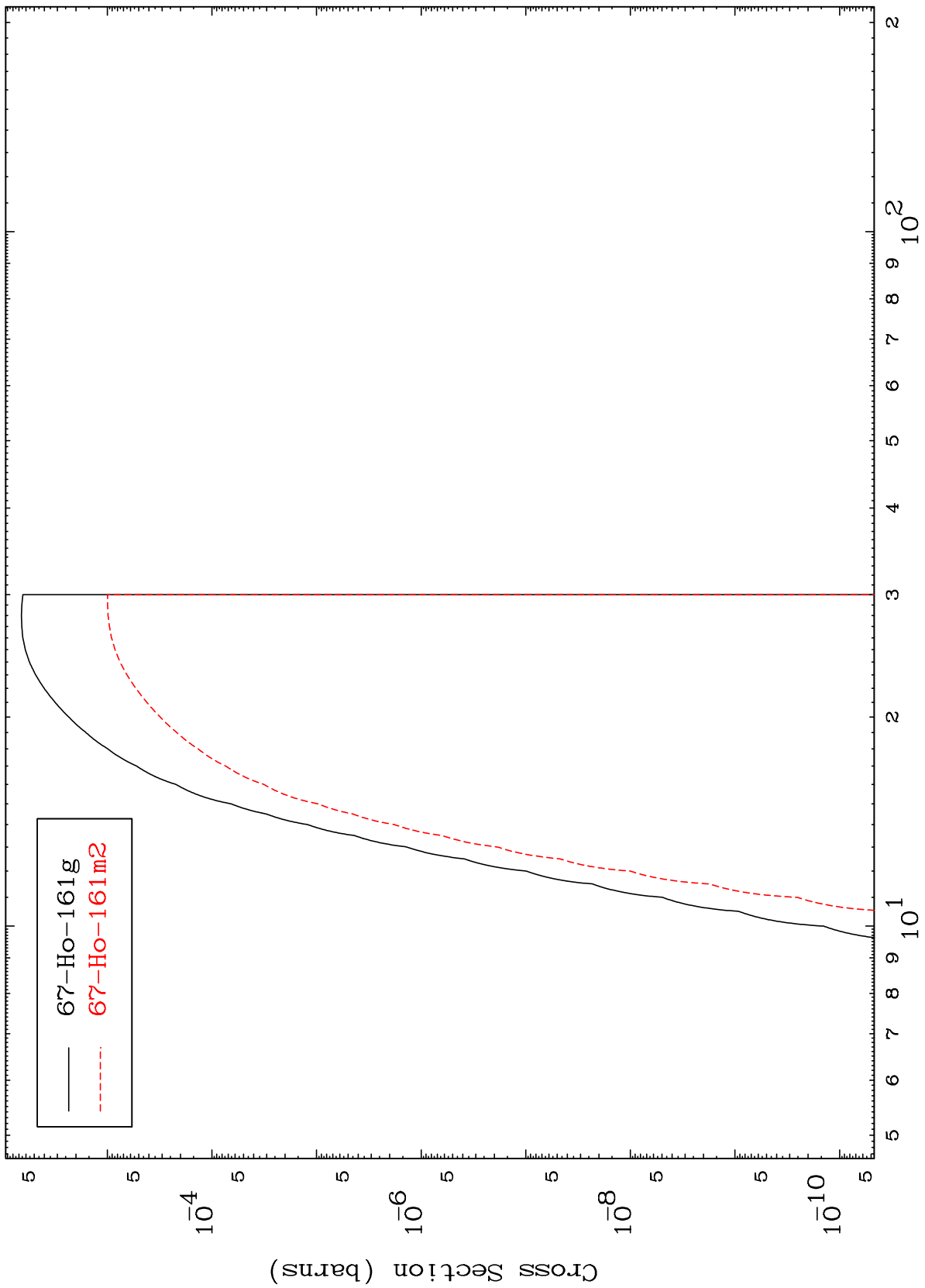
68-Er-163



MAT 6828

68-Er-163

(n, t)  
Radionuclide Production Cross Section



143

Incident Energy (MeV)

68-Er-163

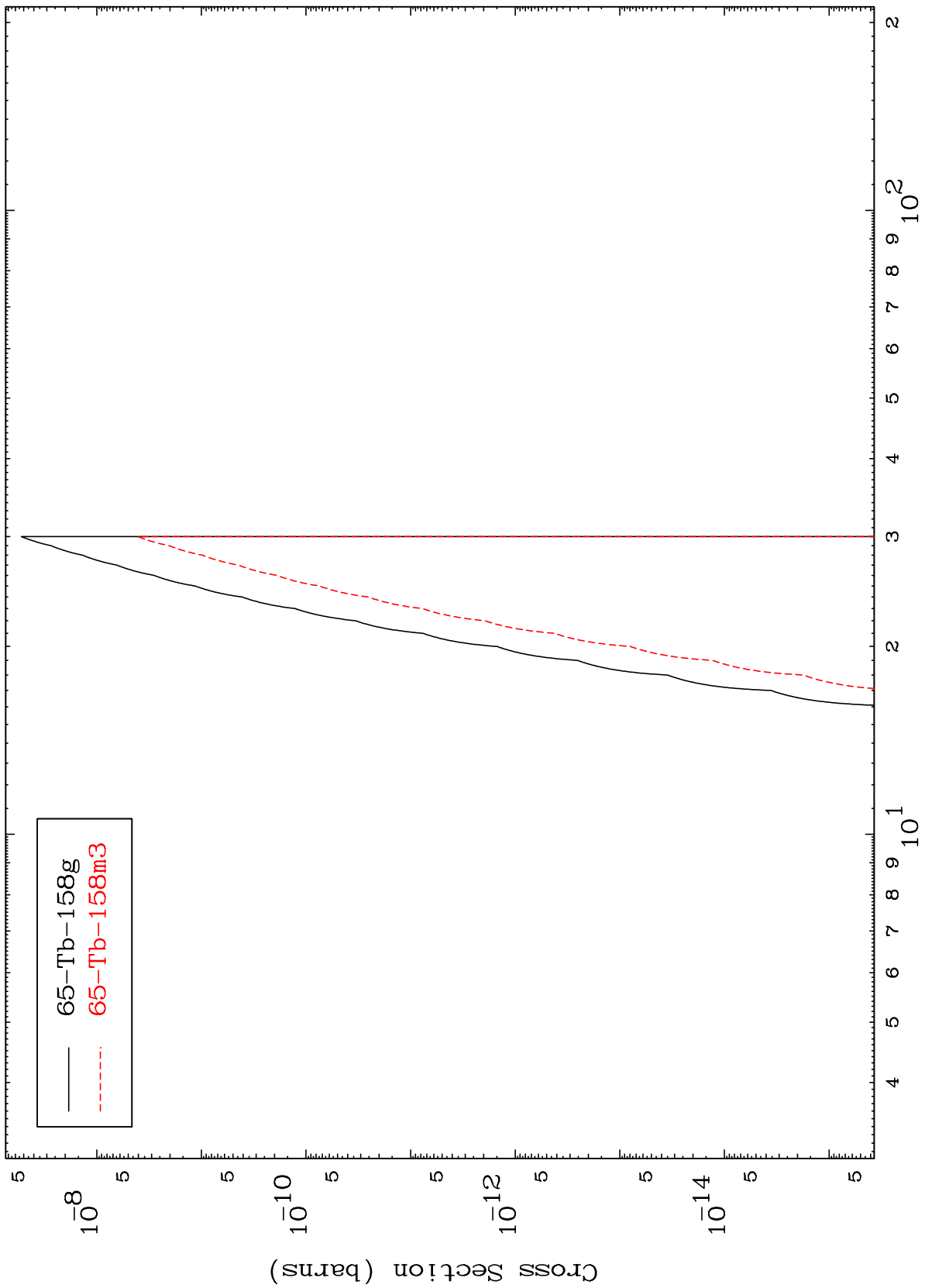


MAT 6828

(n,d)  $\alpha$

68-Er-163

Radionuclide Production Cross Section



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

144

Incident Energy (MeV)

68-Er-163