

Program EVALPLOT
(Version 2017-1)

by

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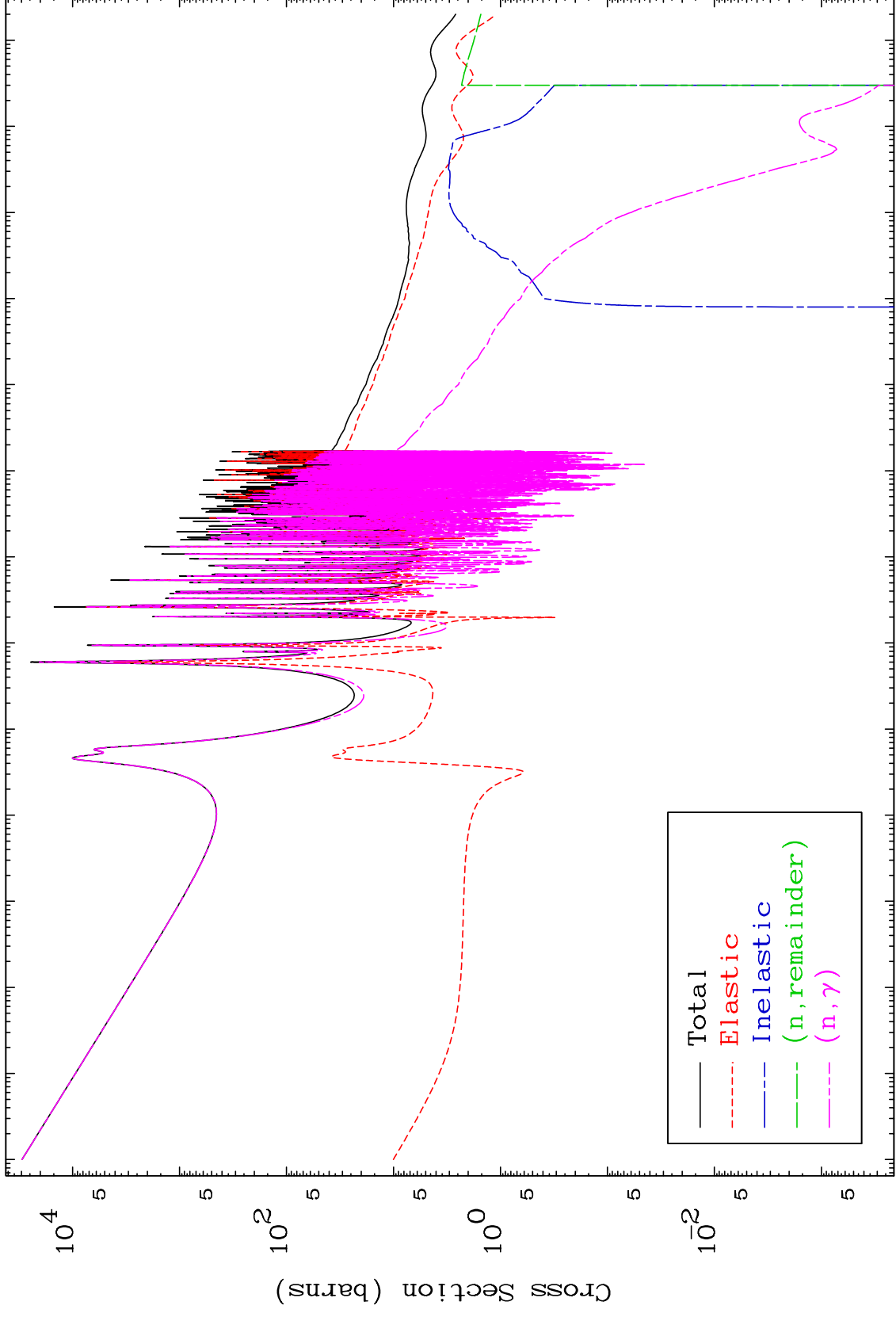
Press Mouse Button to Start

MAT 6840

Major

293 Kelvin Cross Sections

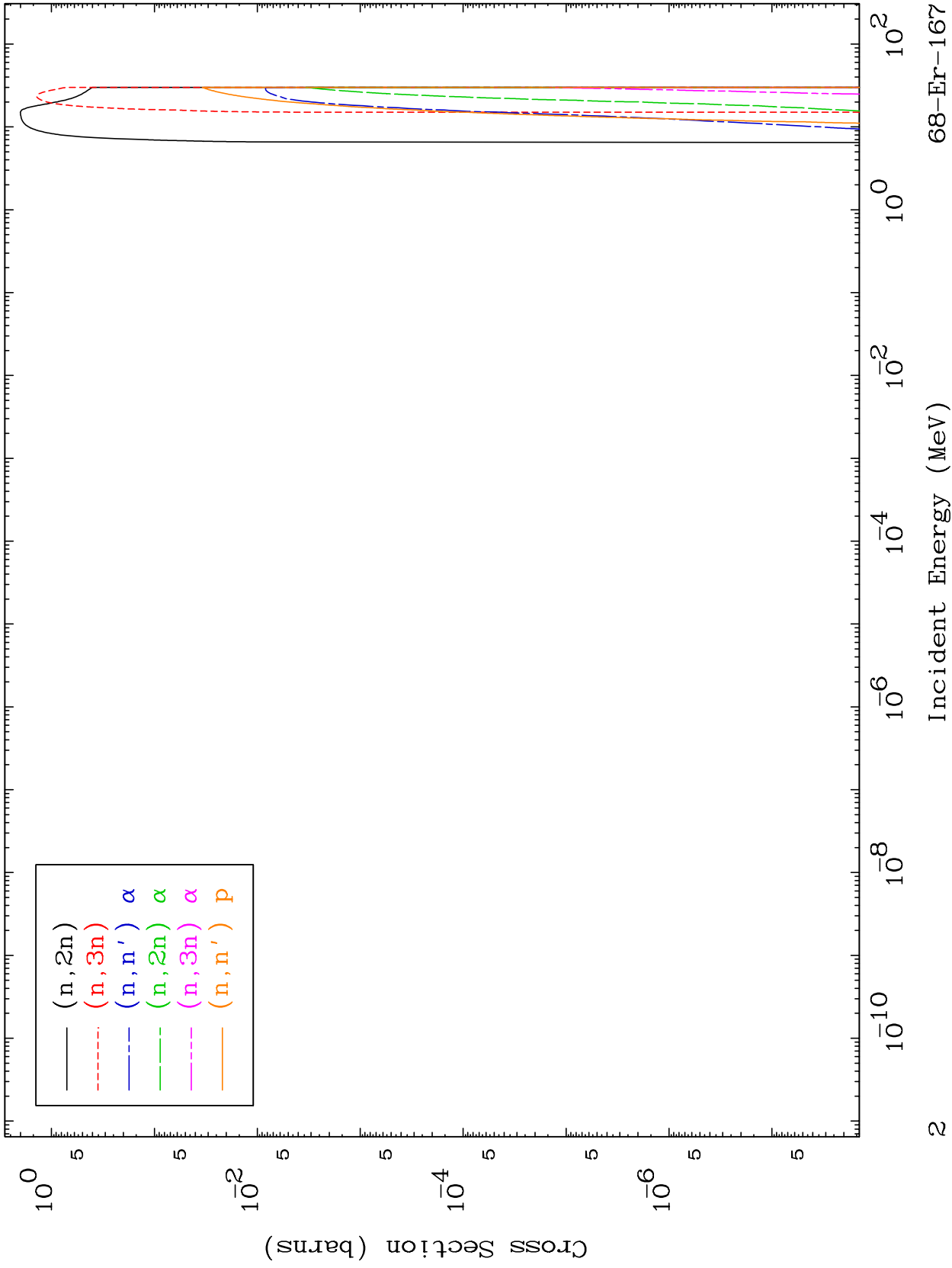
68-Er-167

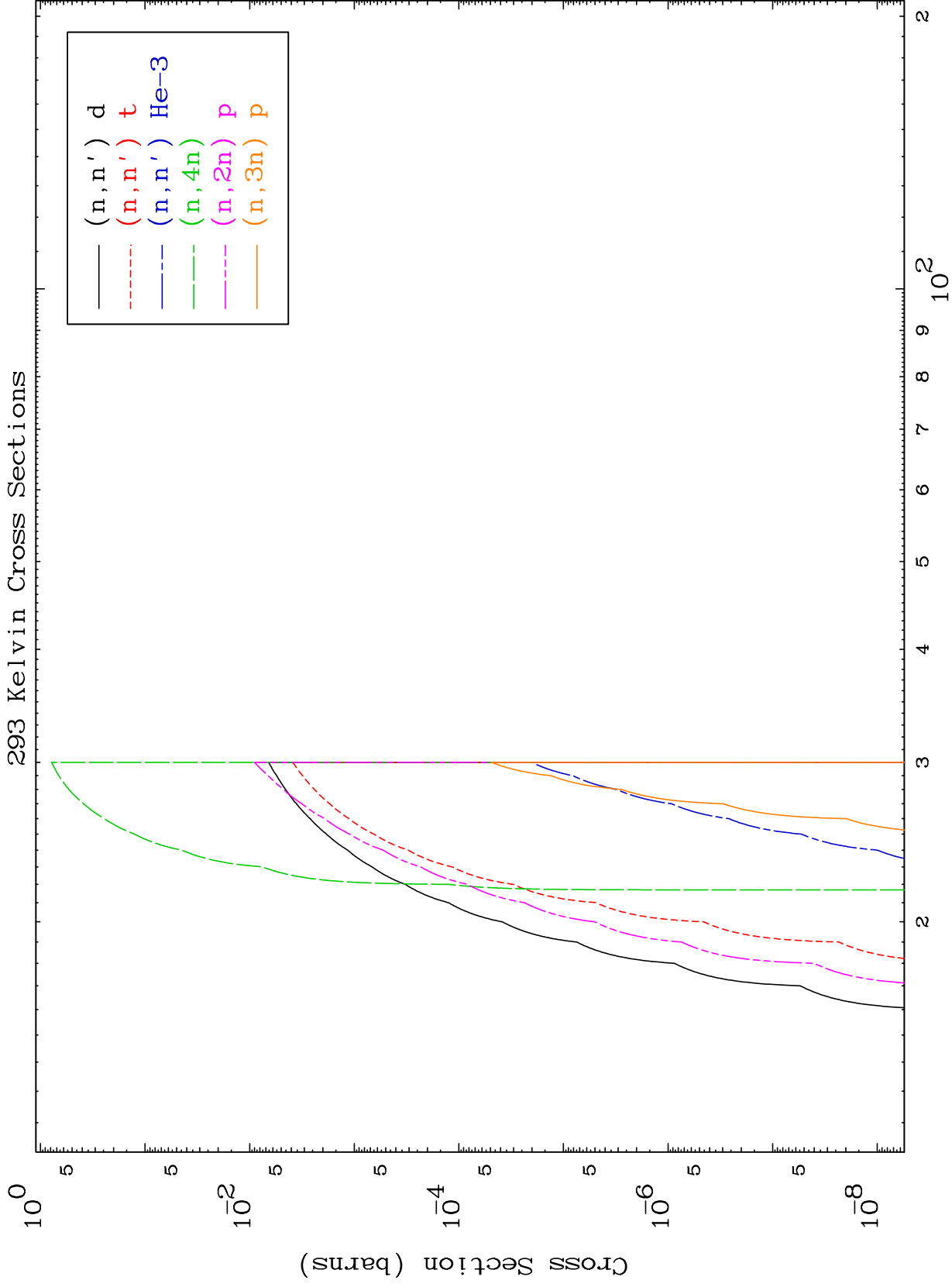


MAT 6840

Neutron Production
293 Kelvin Cross Sections

68-Er-167

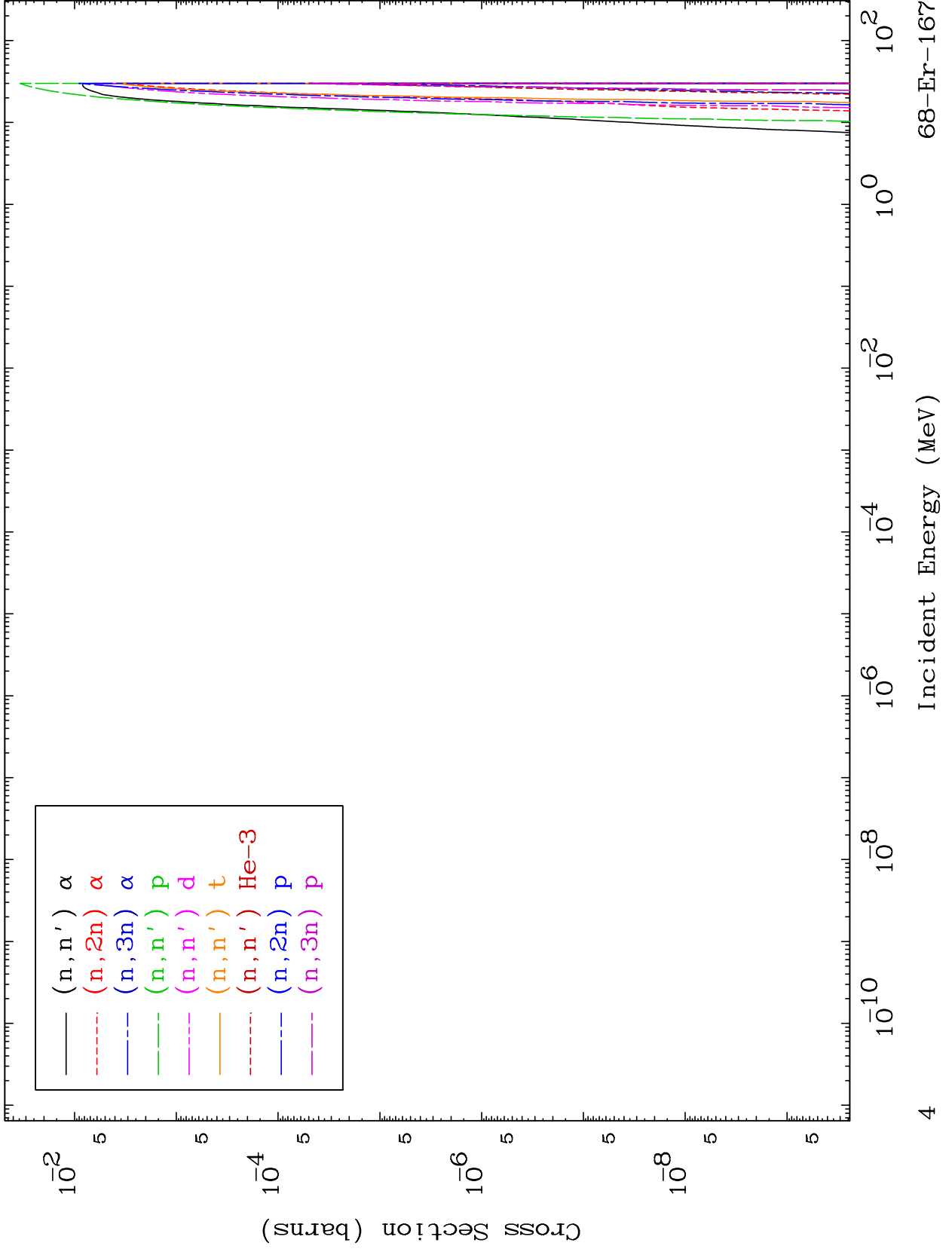




MAT 6840

Charged Particle
293 Kelvin Cross Sections

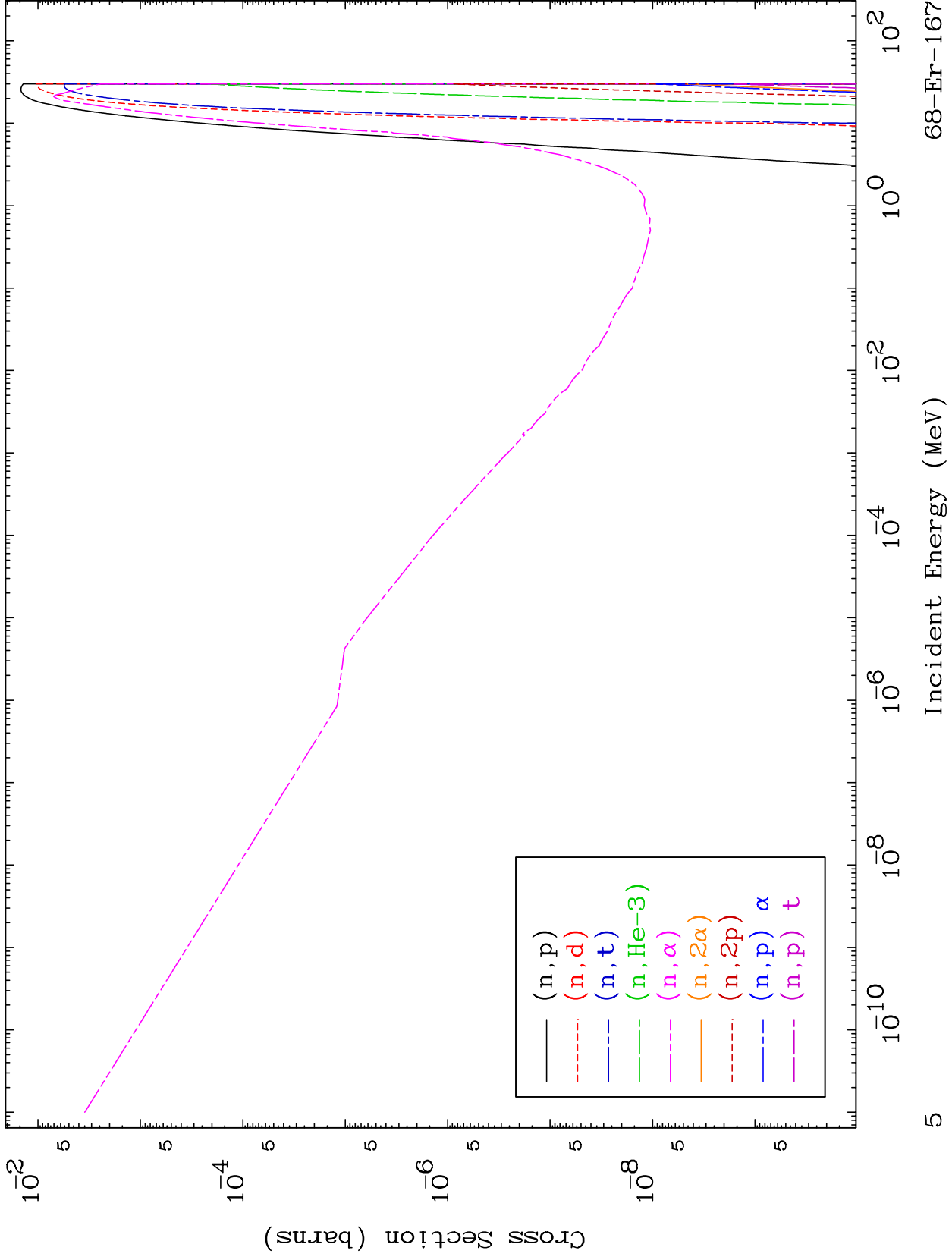
68-Er-167

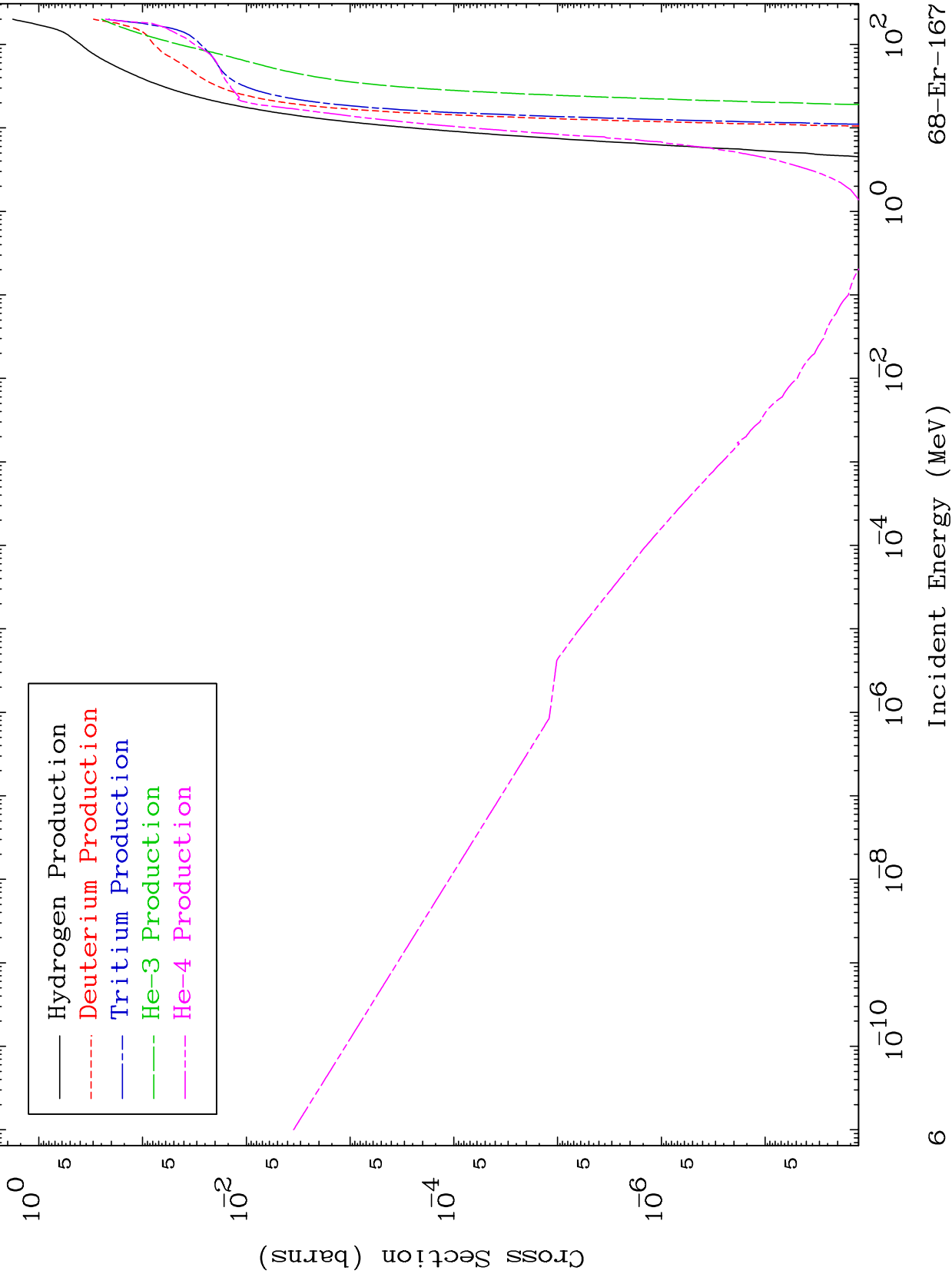


MAT 6840

Charged Particle
293 Kelvin Cross Sections

68-Er-167



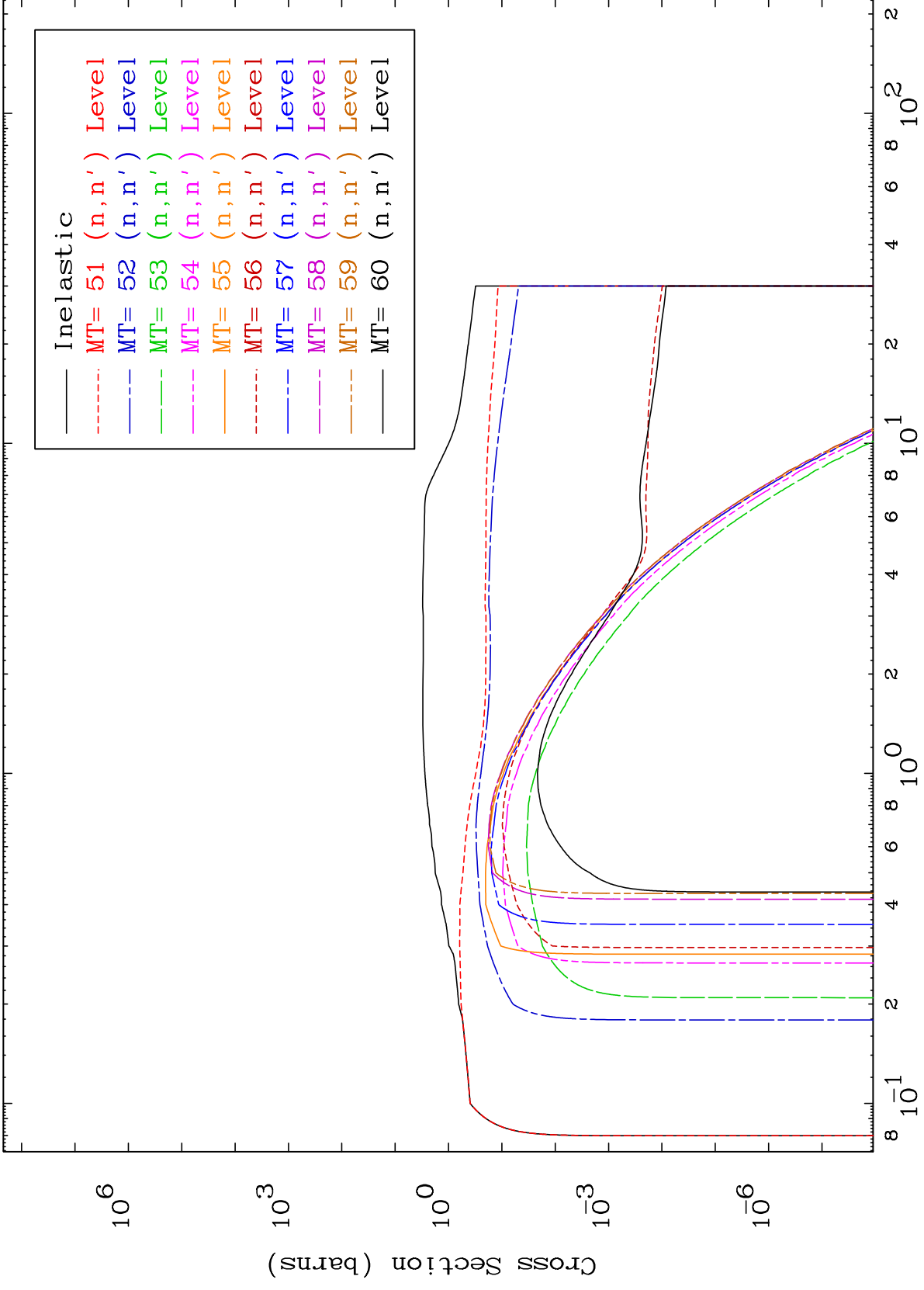


MAT 6840

(n,n') Level

68-Er-167

293 Kelvin Cross Sections



Incident Energy (MeV)

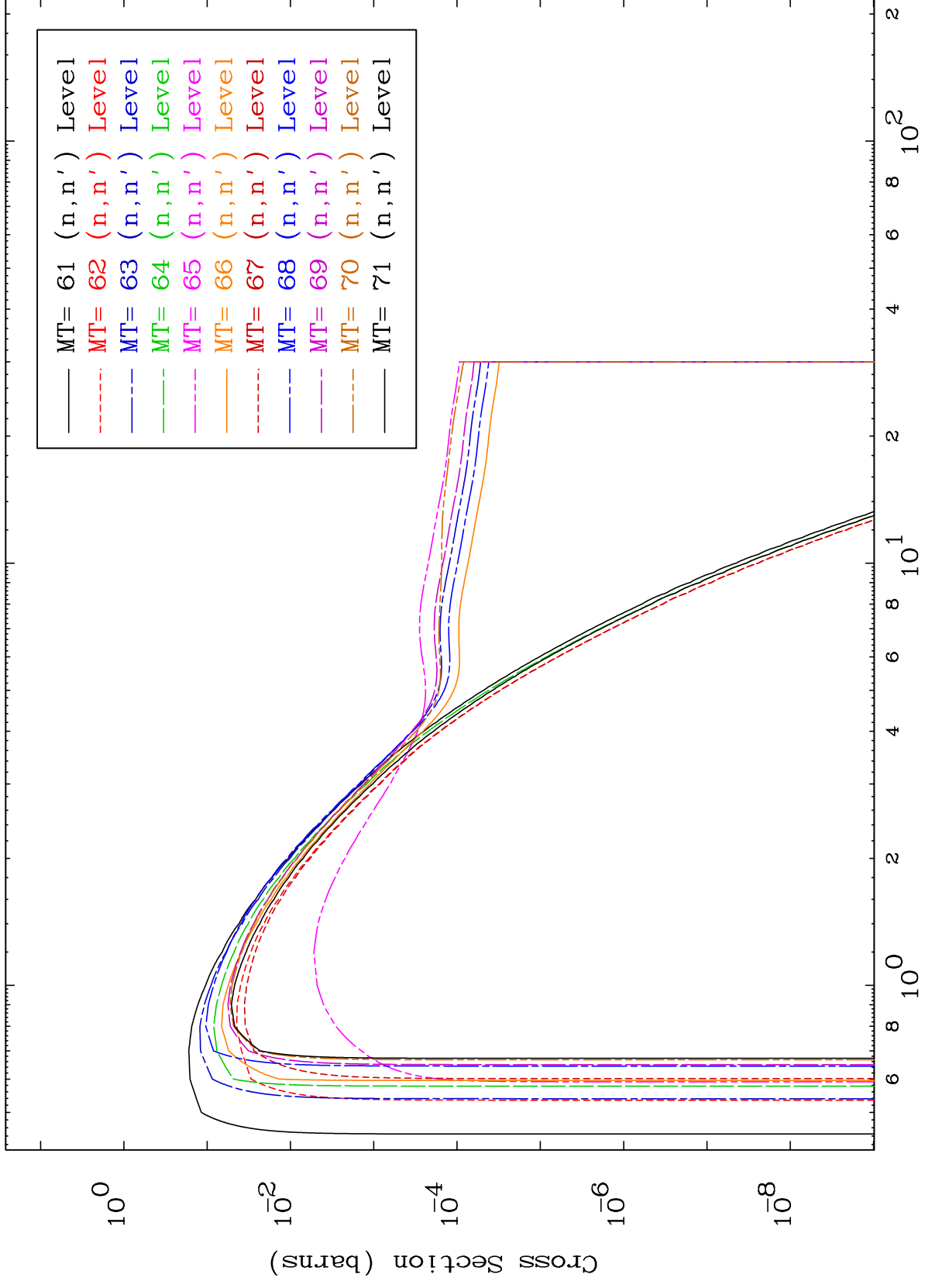
68-Er-167

MAT 6840

(n,n') Level

293 Kelvin Cross Sections

68-Er-167



8

Incident Energy (MeV)

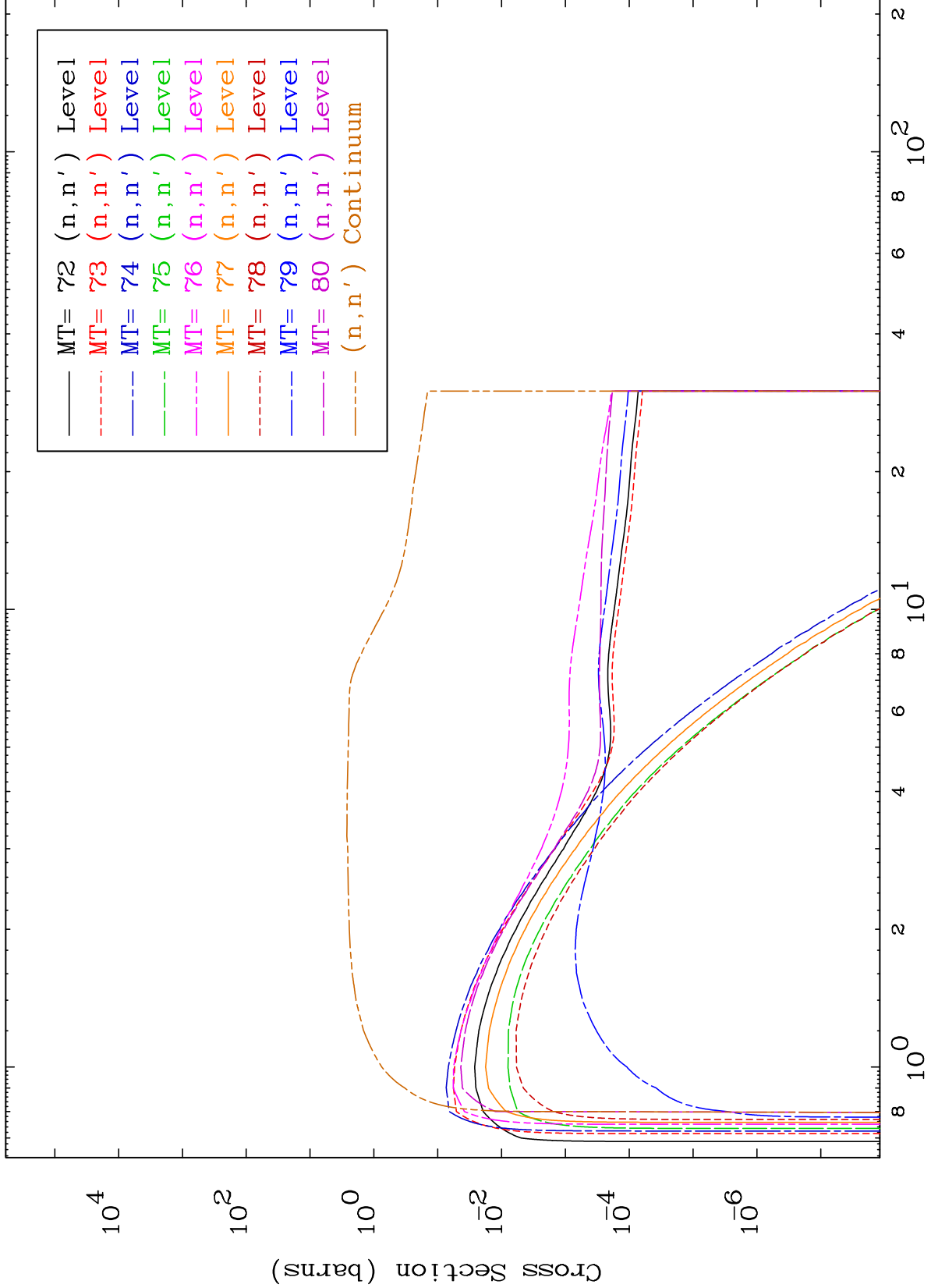
68-Er-167

MAT 6840

(n,n') Level

68-Er-167

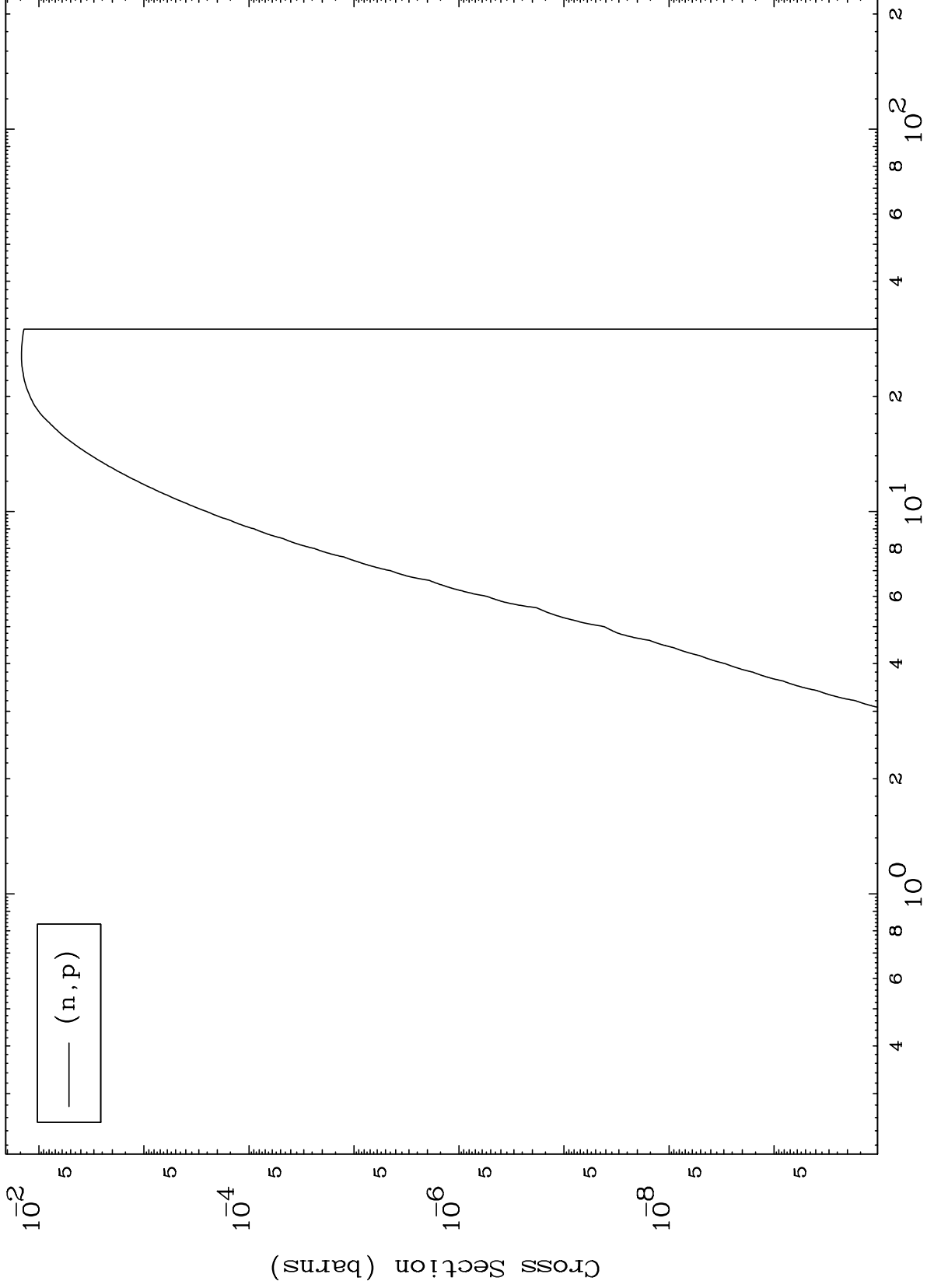
293 Kelvin Cross Sections



MAT 6840

(n,p) Levels
293 Kelvin Cross Sections

68-Er-167



10

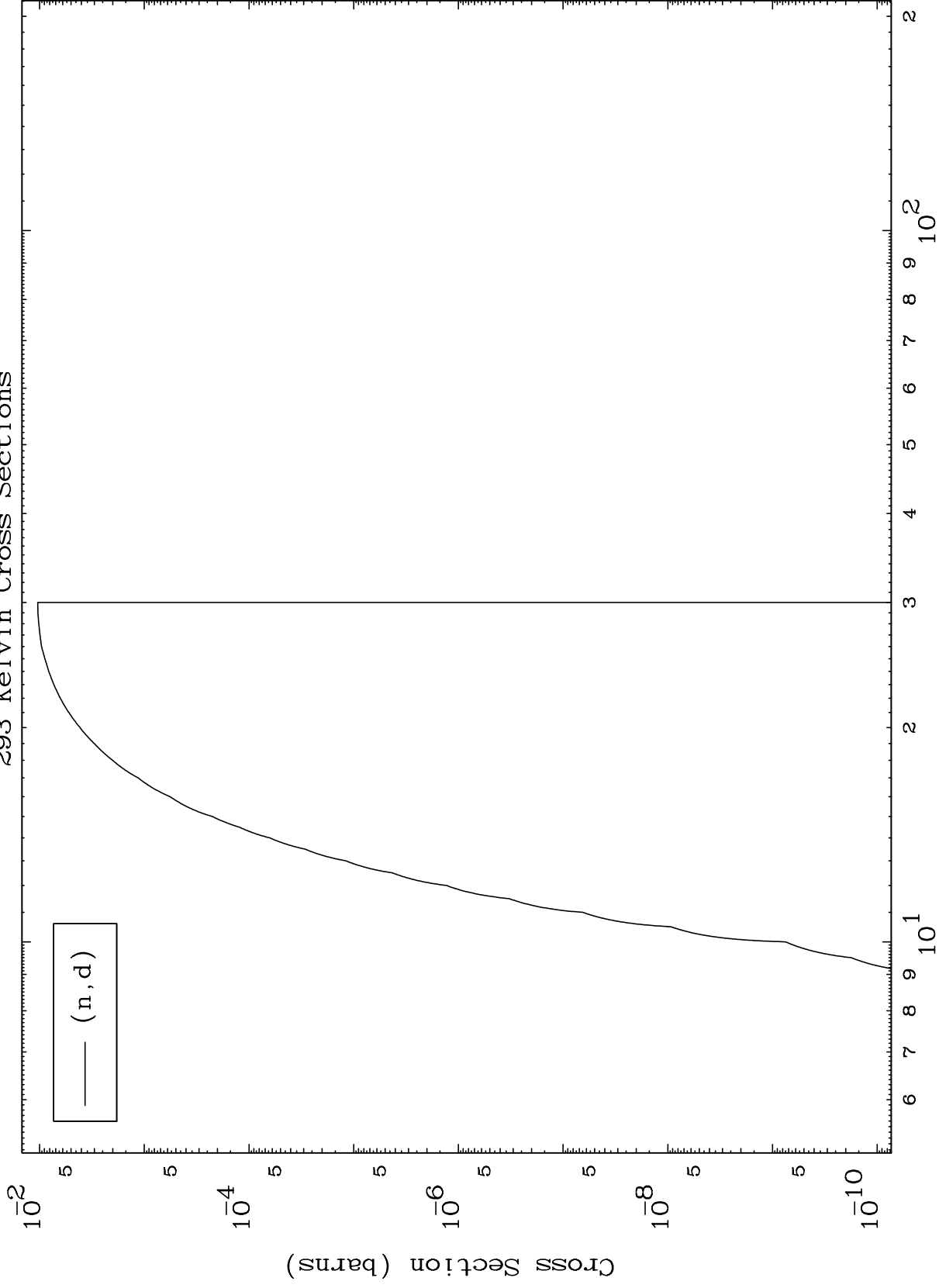
Incident Energy (MeV)

68-Er-167

MAT 6840

(n,d) Levels
293 Kelvin Cross Sections

68-Er-167



11

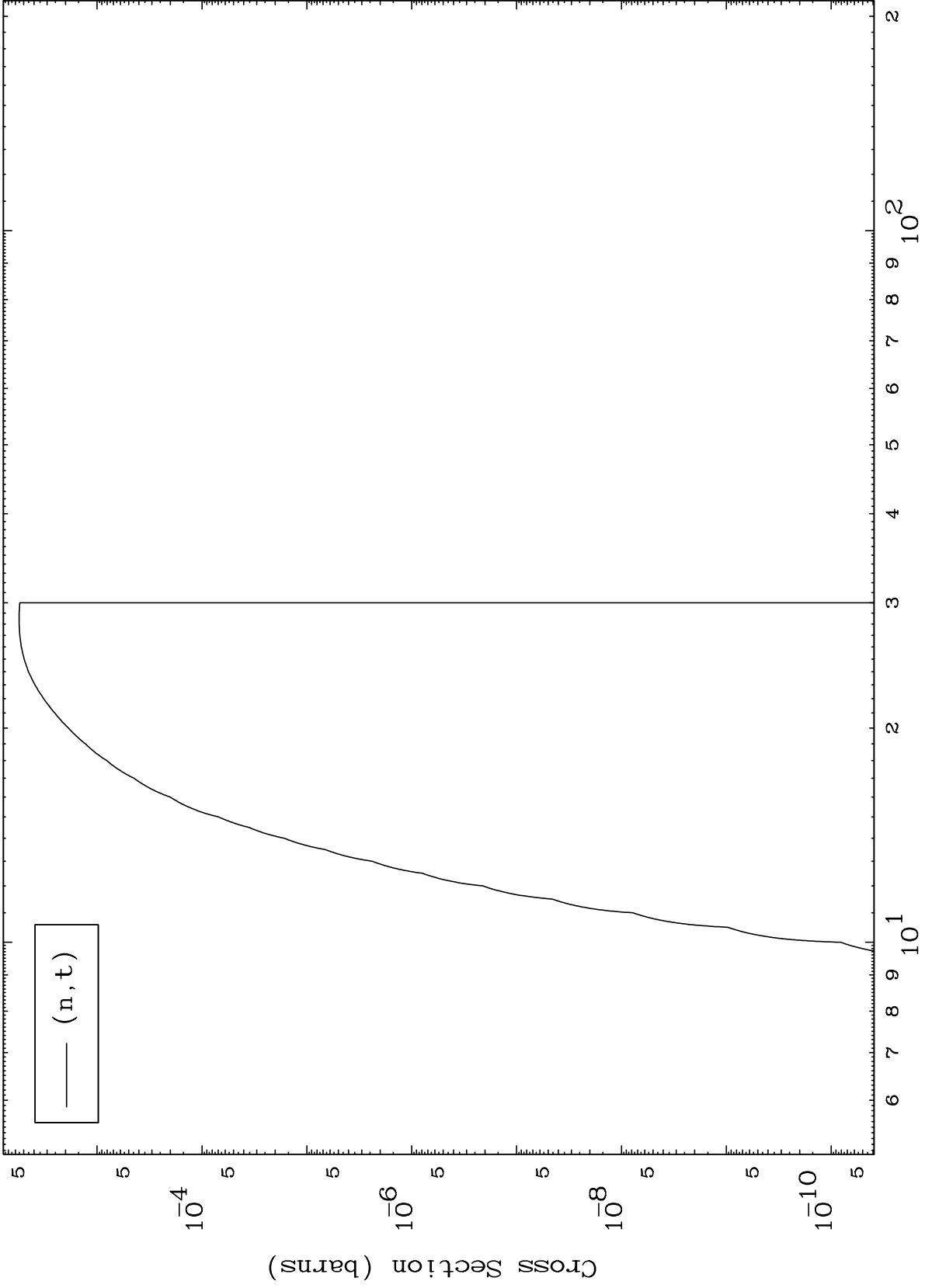
Incident Energy (MeV)

68-Er-167

MAT 6840

(n,t) Levels
293 Kelvin Cross Sections

68-Er-167



12

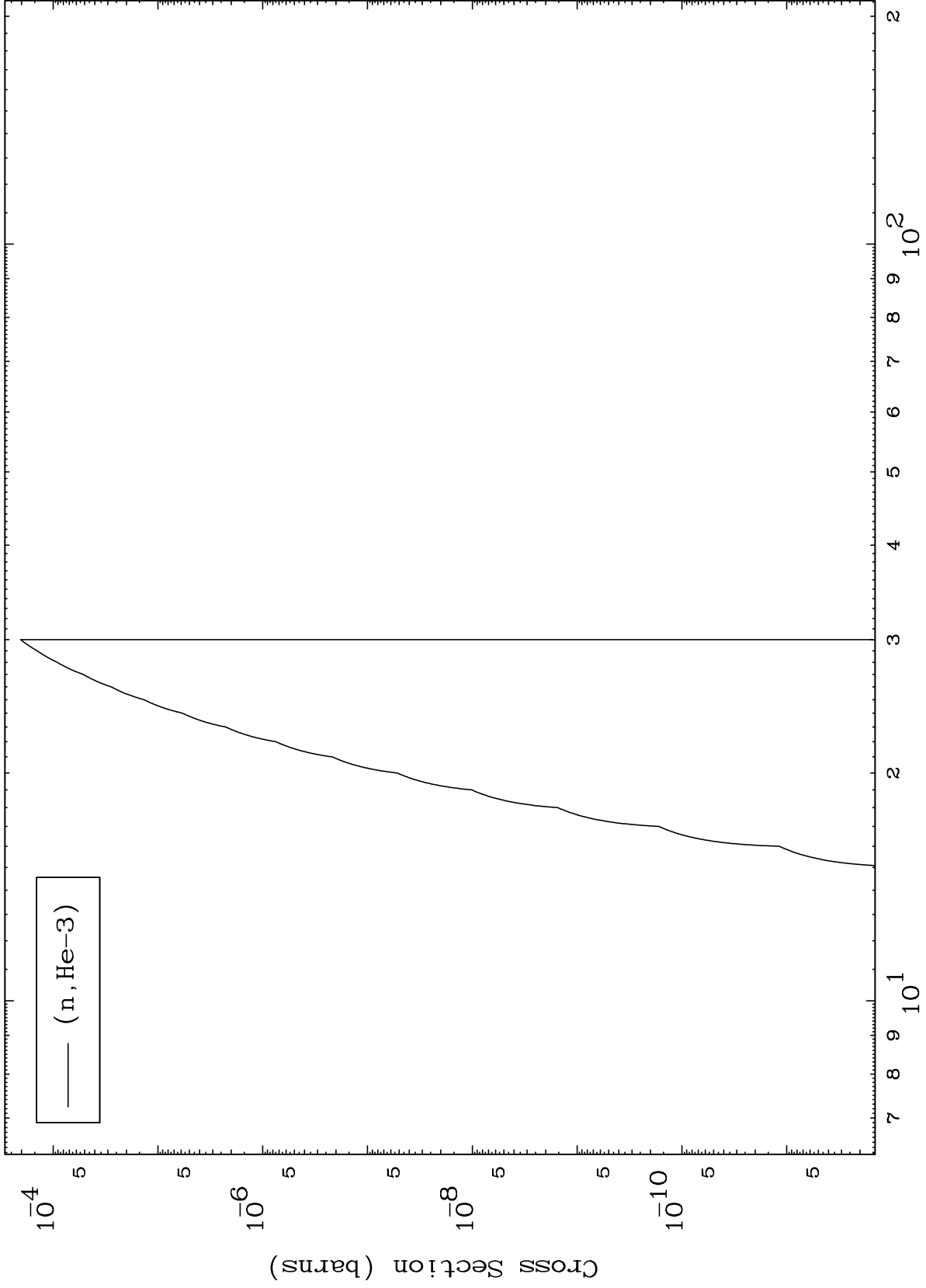
Incident Energy (MeV)

68-Er-167

MAT 6840

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-167



13

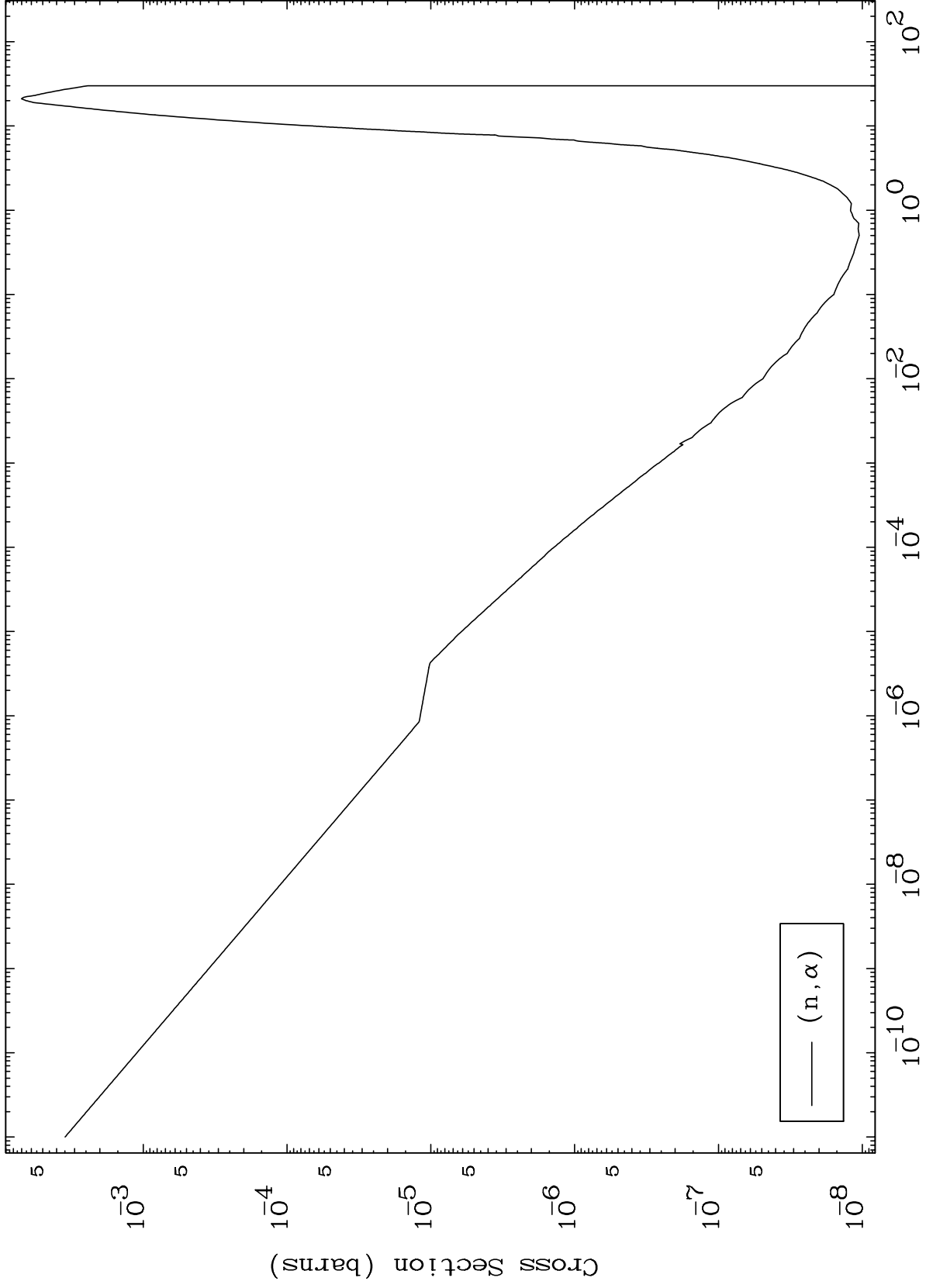
Incident Energy (MeV)

68-Er-167

MAT 6840

(n,α) Levels
293 Kelvin Cross Sections

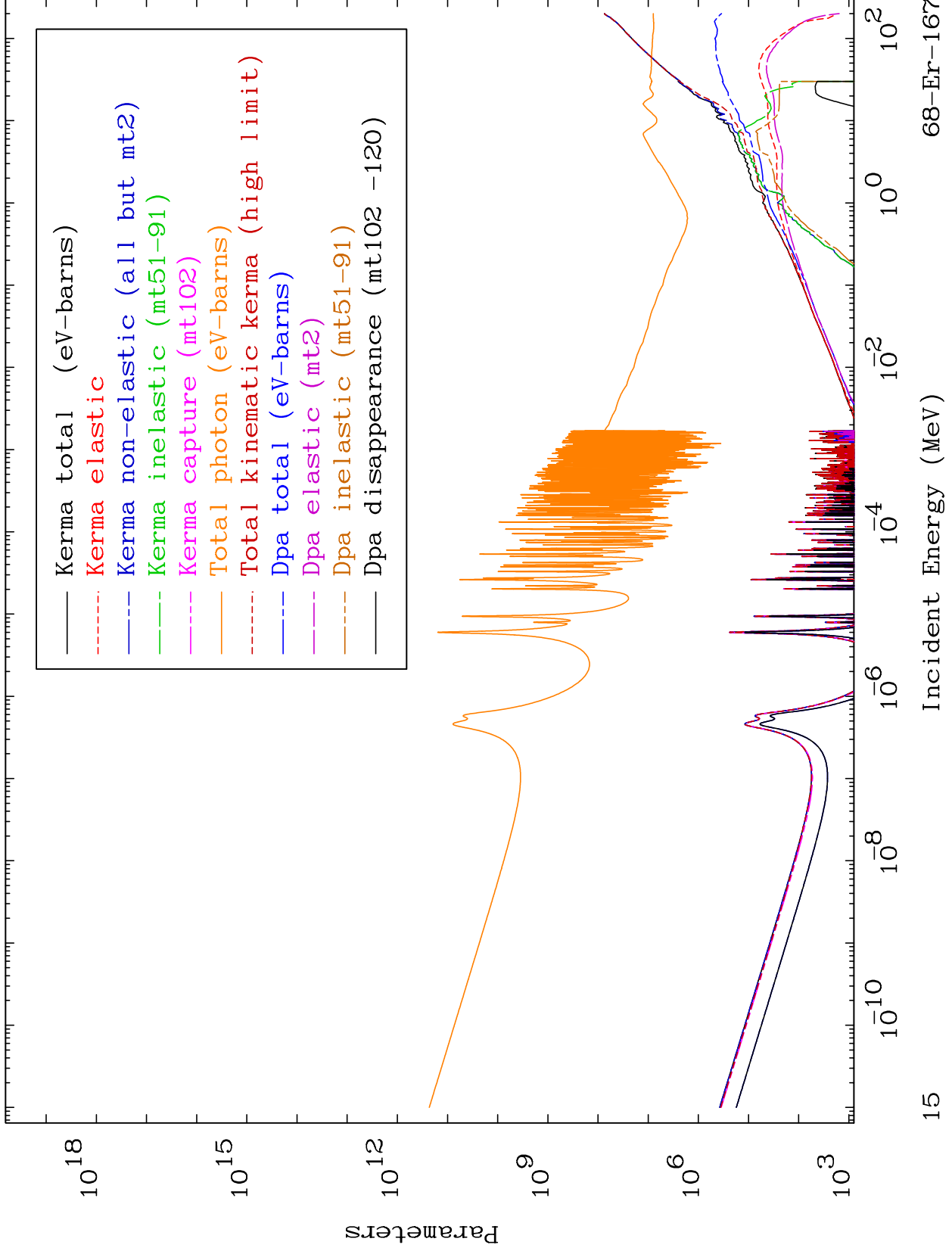
68-Er-167



14

Incident Energy (MeV)

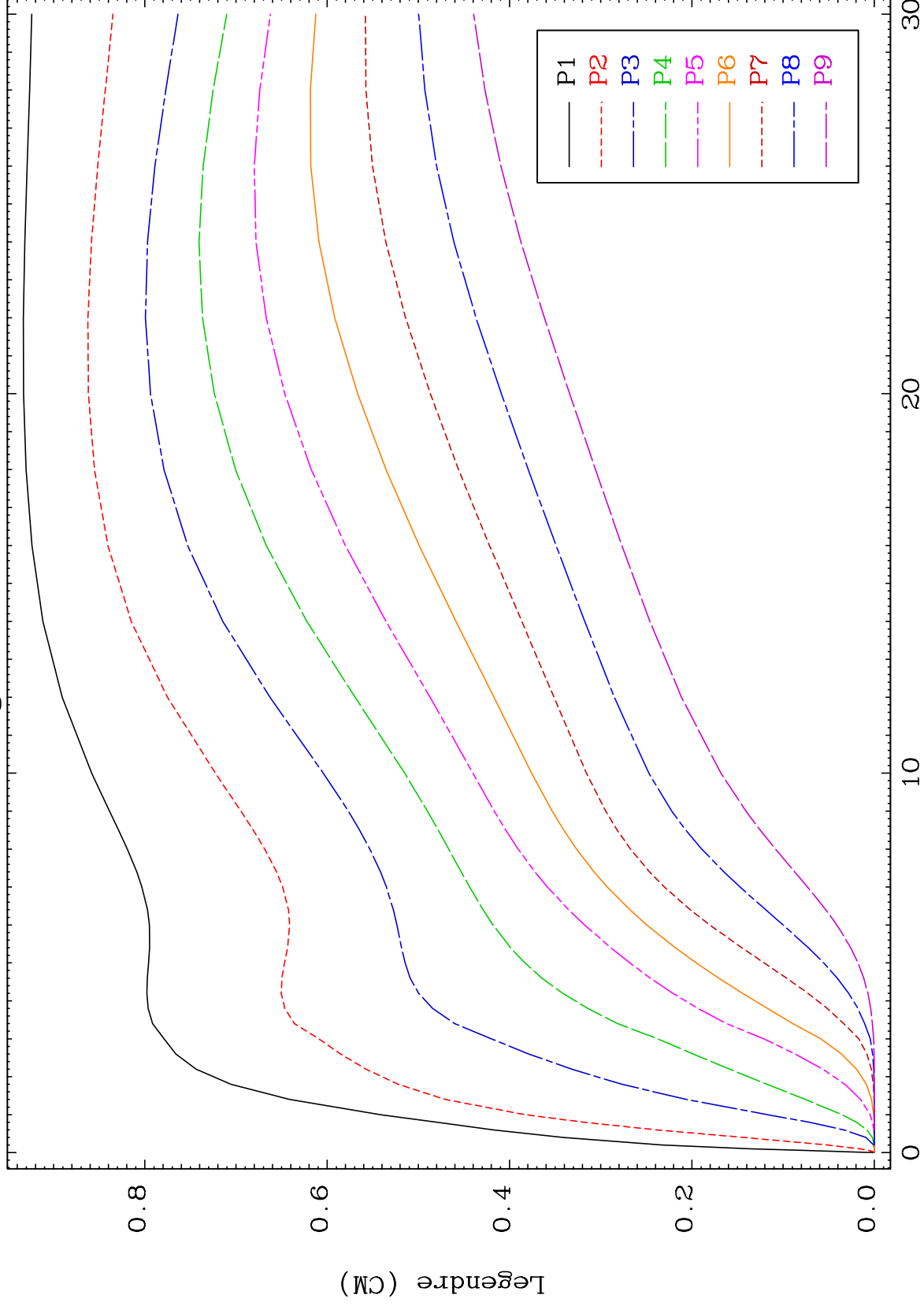
68-Er-167



MAT 6840

Elastic Legendre Coefficients

68-Er-167



16

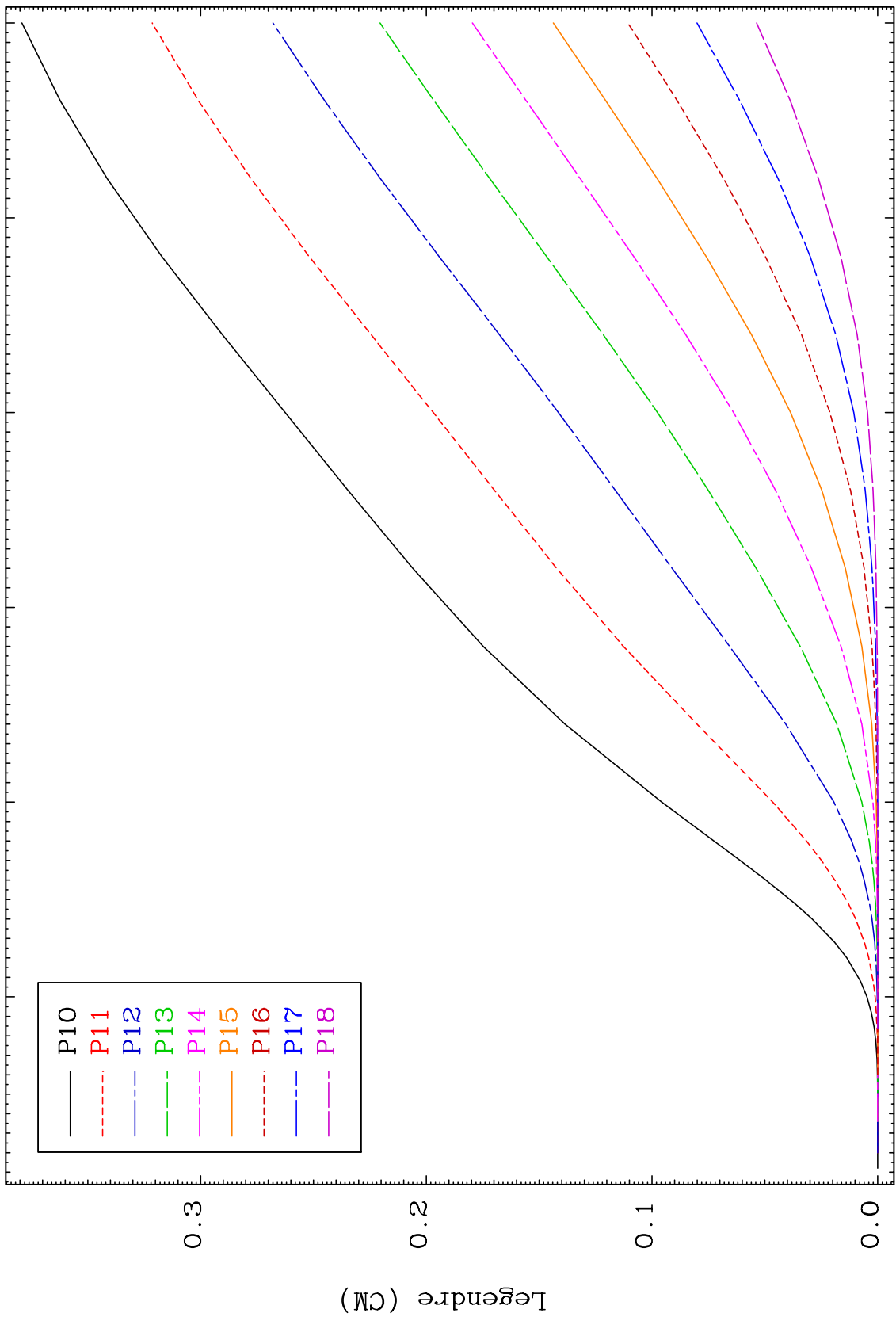
Incident Energy (MeV)

68-Er-167

MAT 6840

Elastic Legendre Coefficients

68-Er-167



17

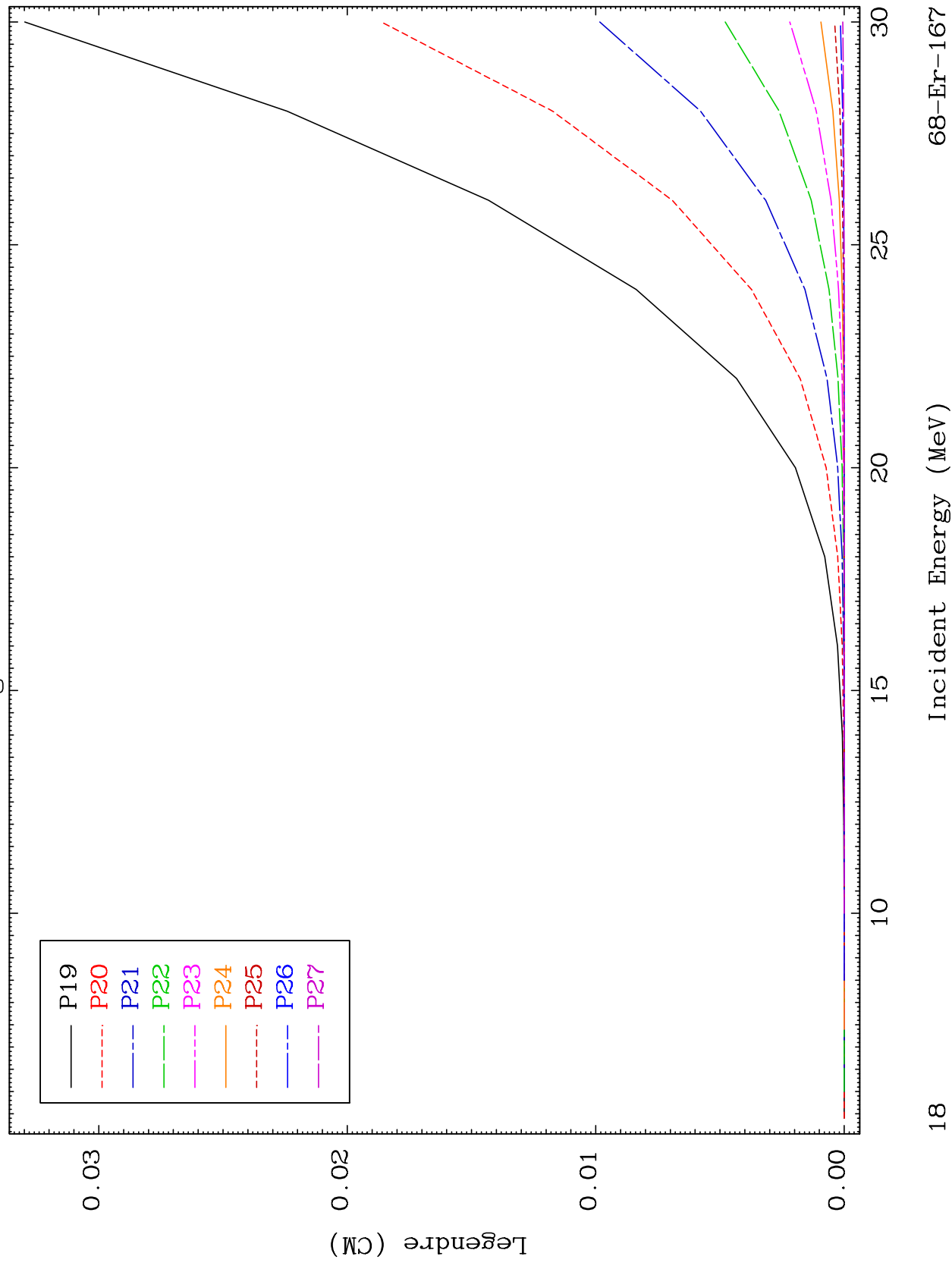
Incident Energy (MeV)

68-Er-167

MAT 6840

Elastic Legendre Coefficients

68-Er-167



18

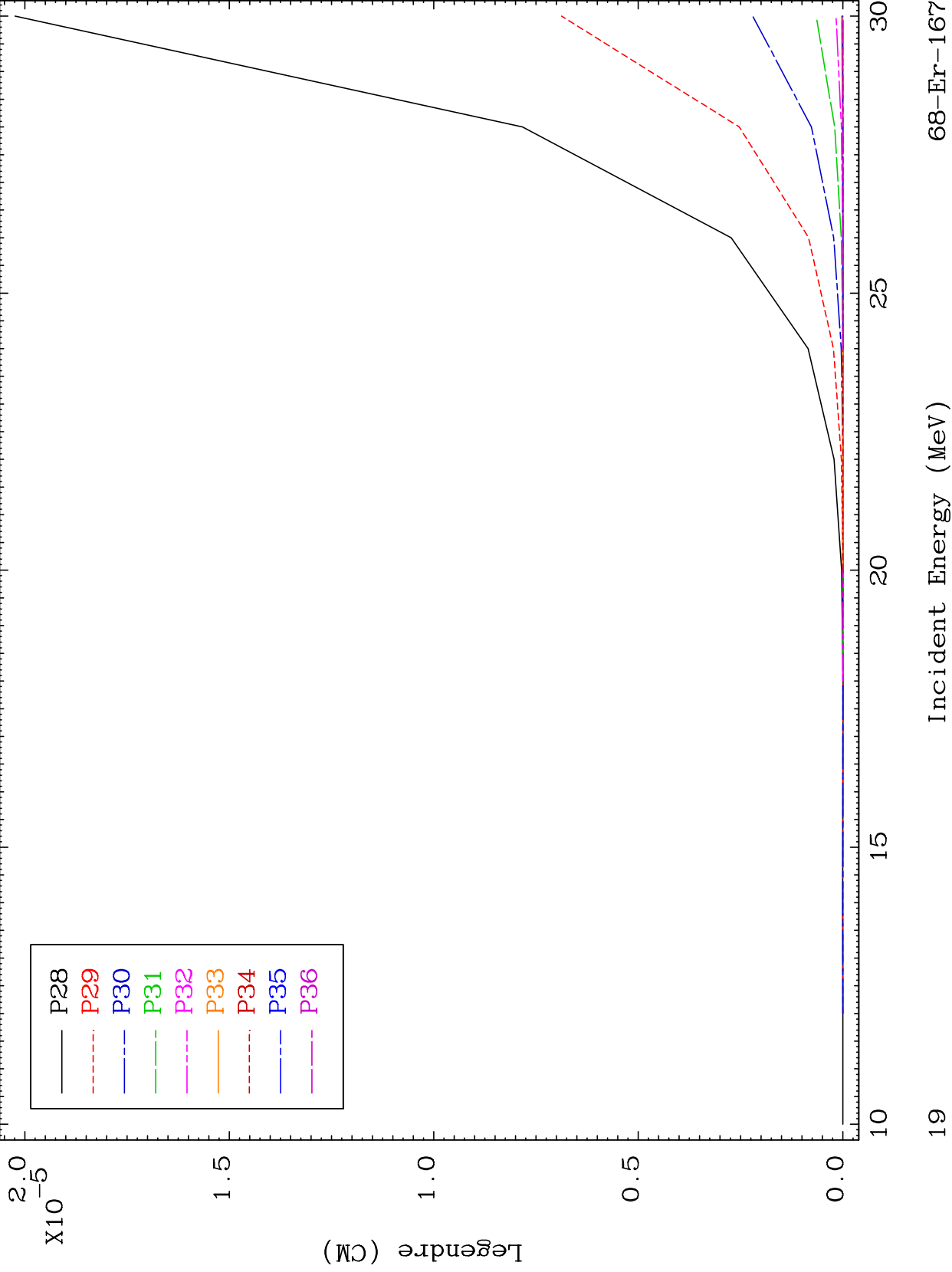
Incident Energy (MeV)

68-Er-167

MAT 6840

Elastic
Legendre Coefficients

68-Er-167



19

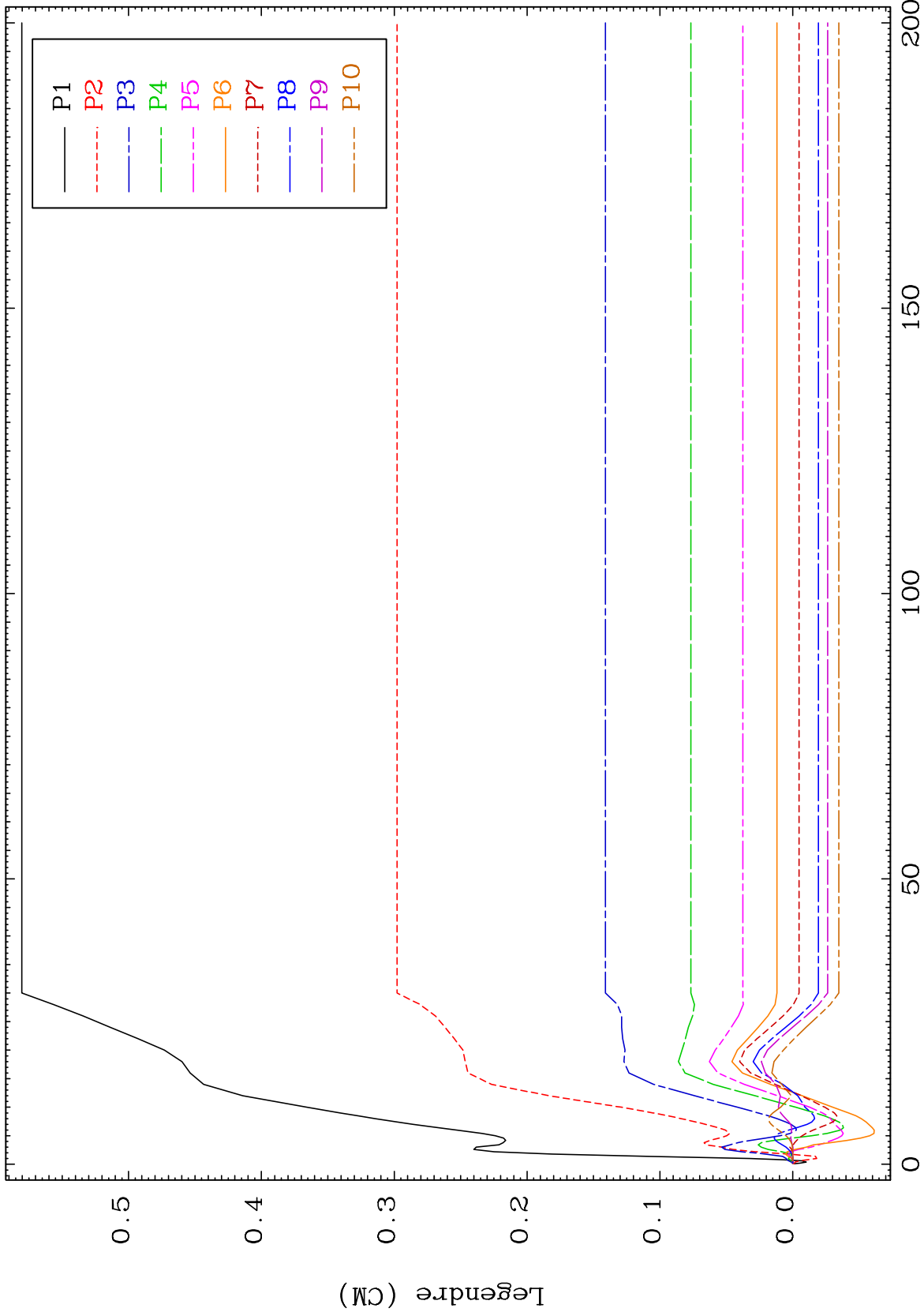
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



68-Er-167

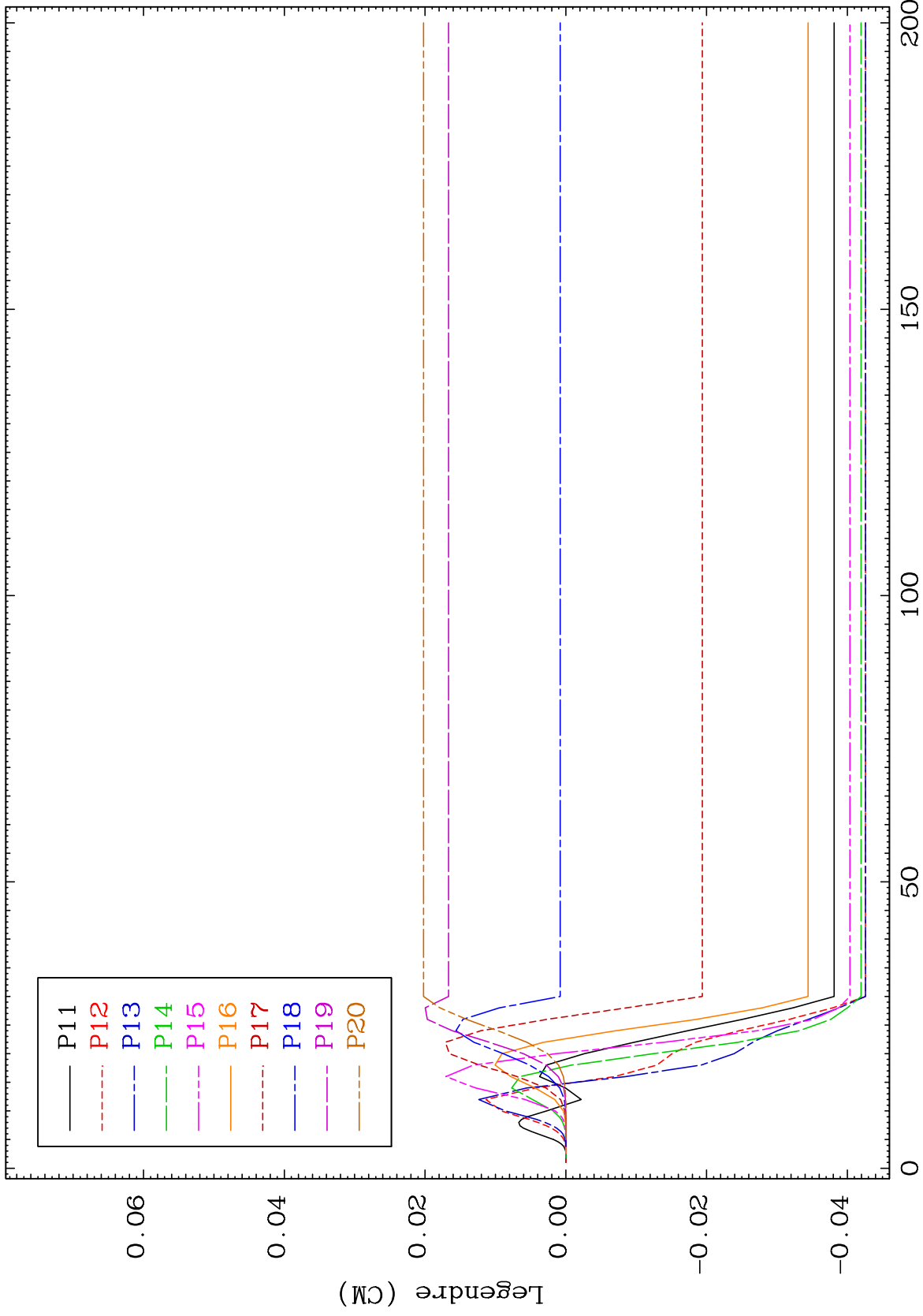
Incident Energy (MeV)

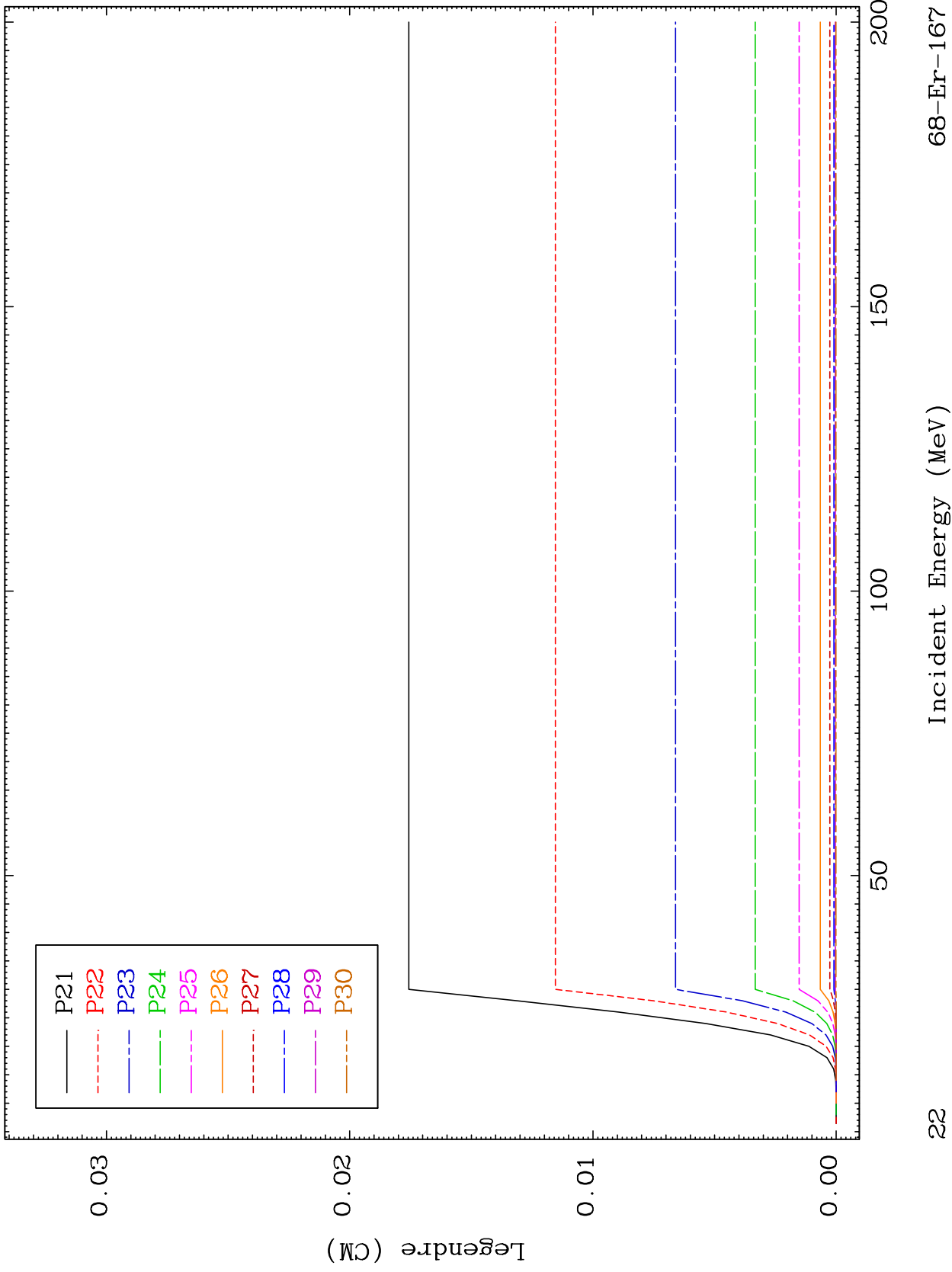
20

MAT 6840

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

68-Er-167

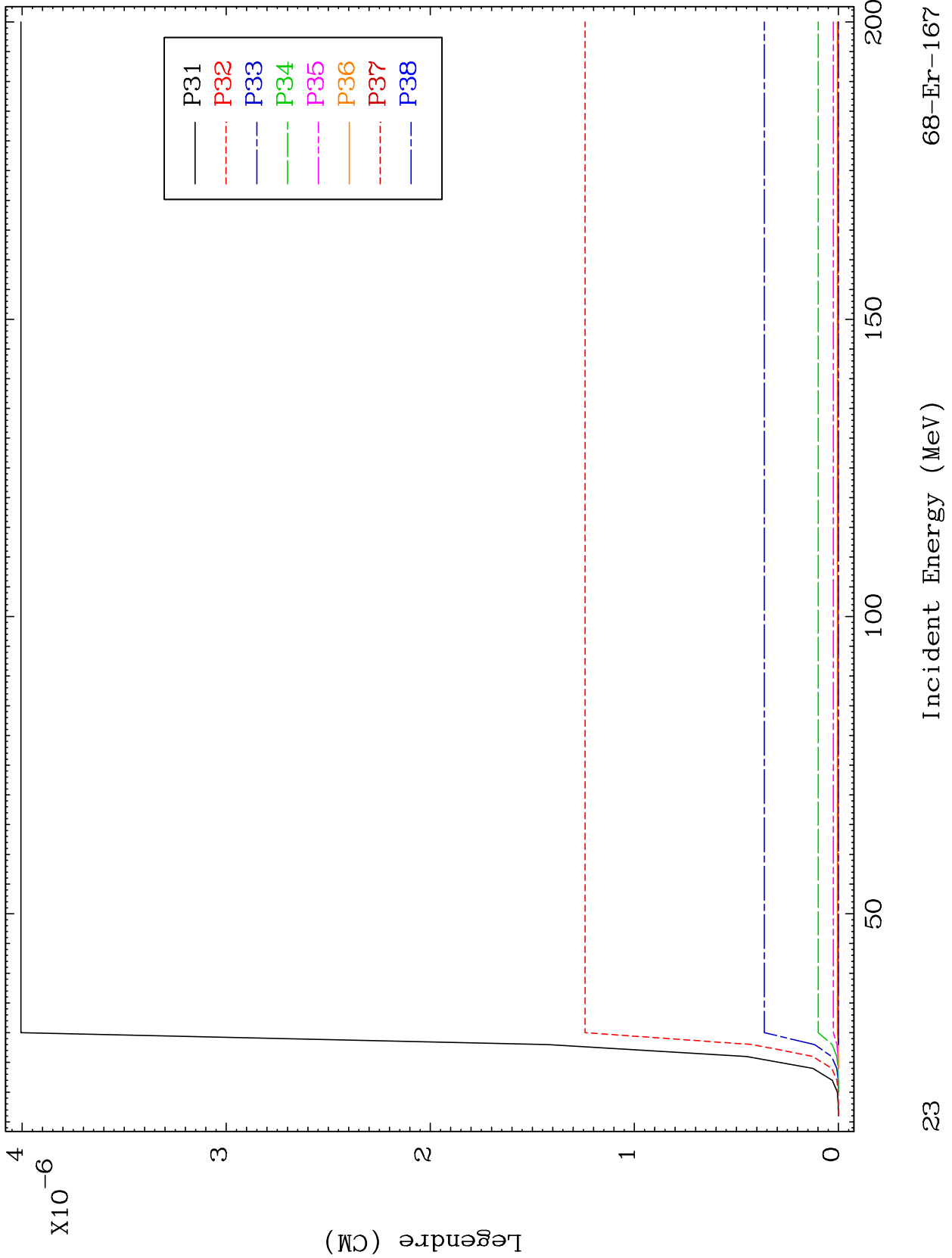




MAT 6840

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

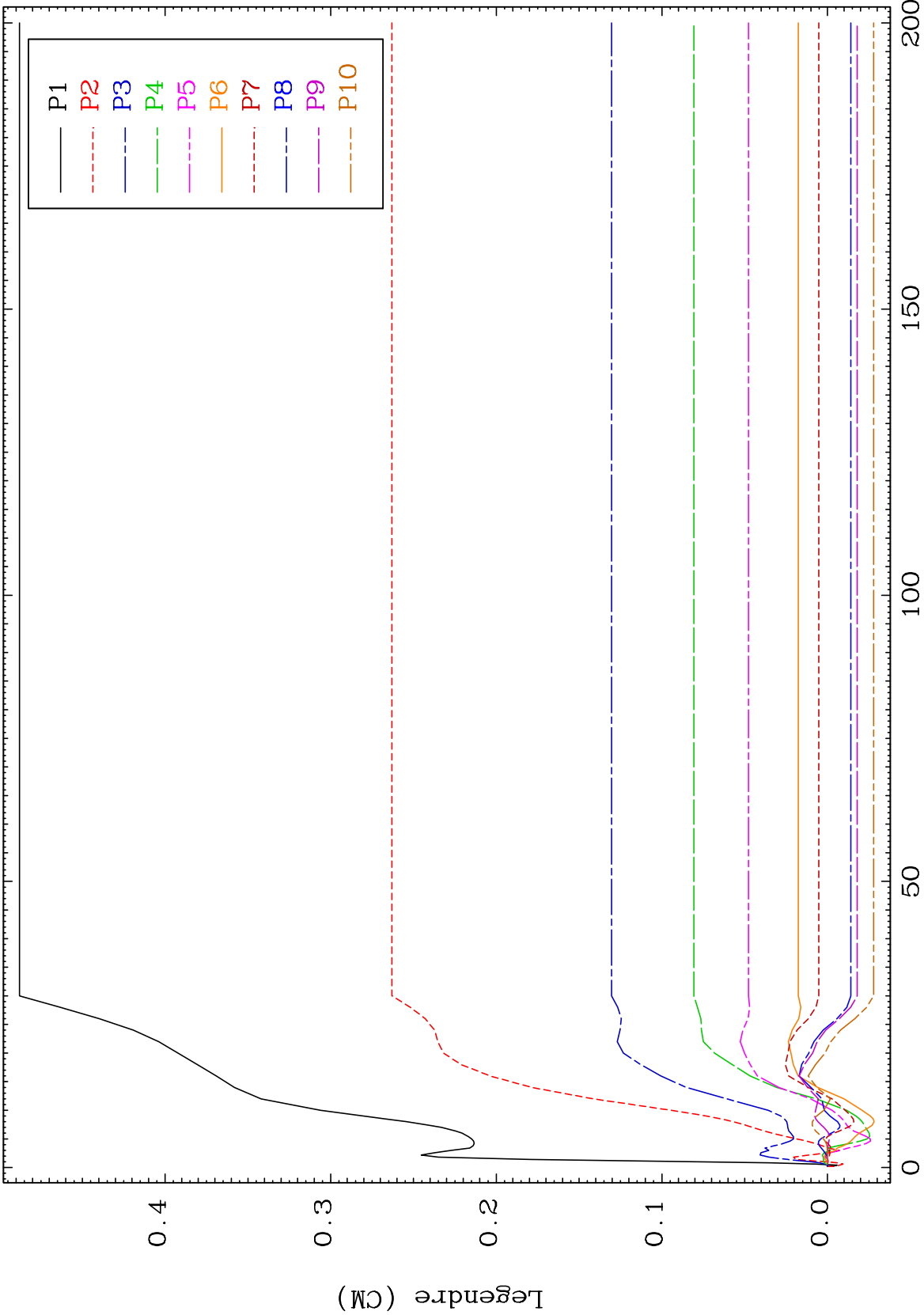
68-Er-167



MAT 6840

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

68-Er-167



24

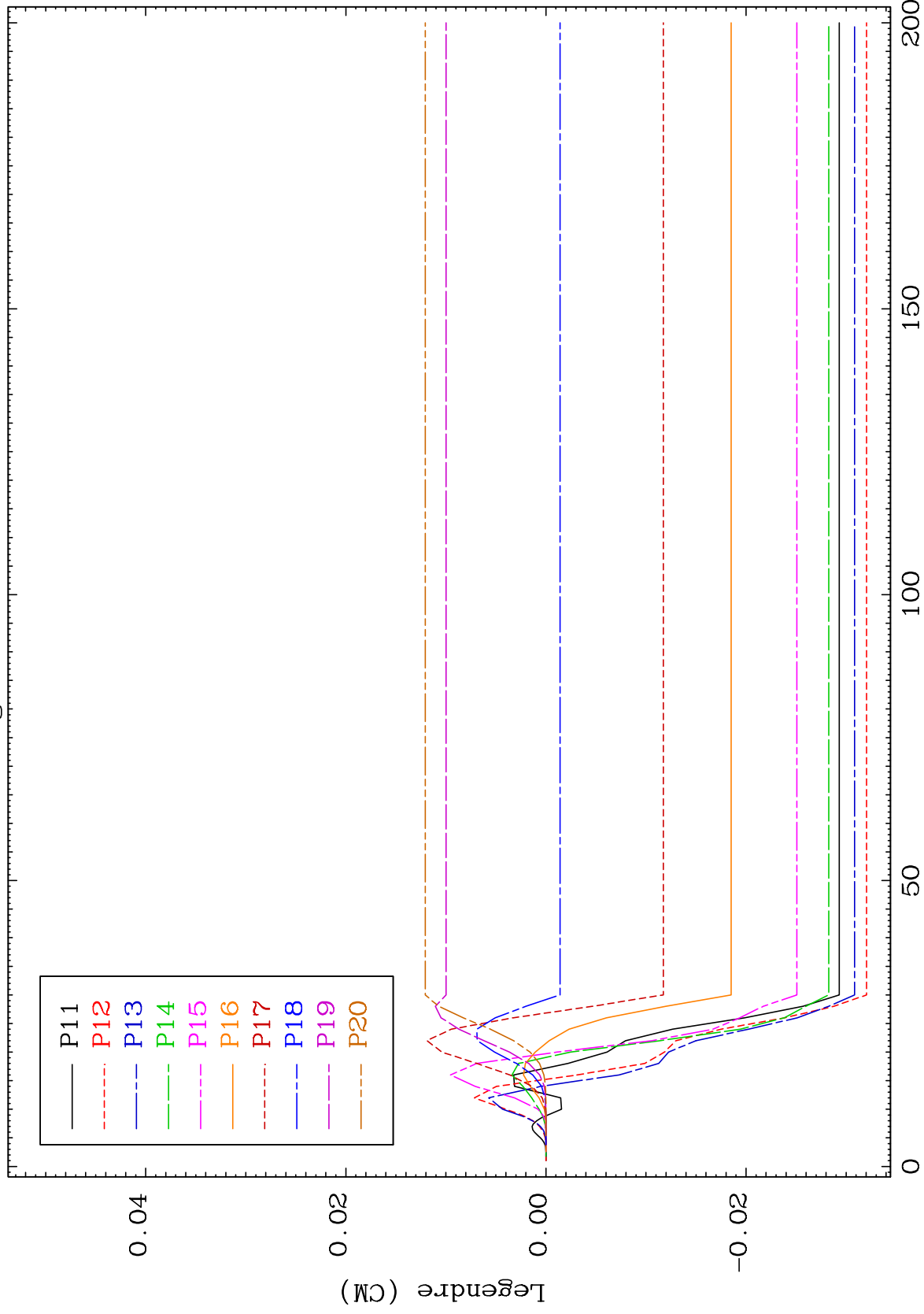
Incident Energy (MeV)

68-Er-167

MAT 6840

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

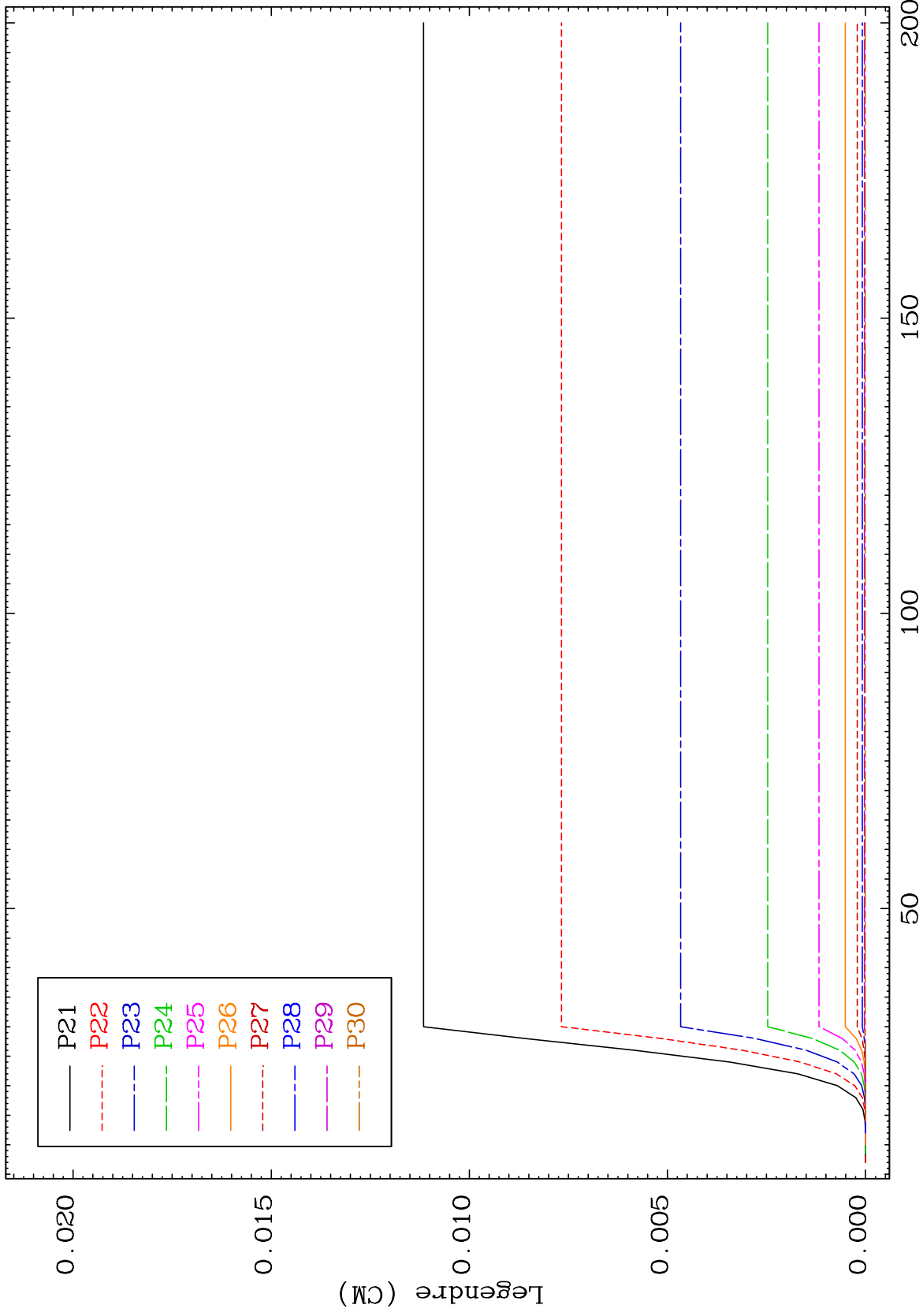
68-Er-167



25

Incident Energy (MeV)

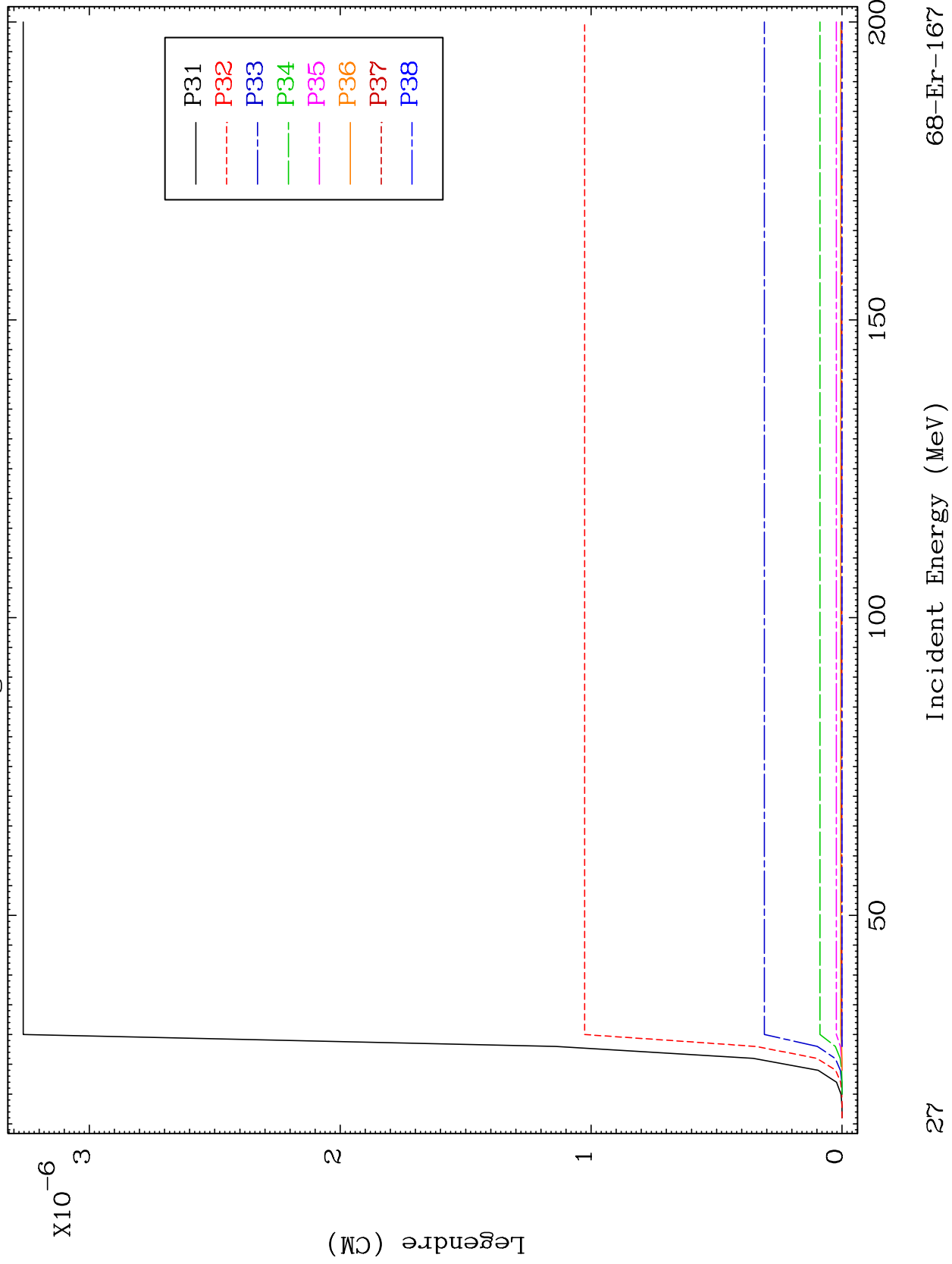
68-Er-167

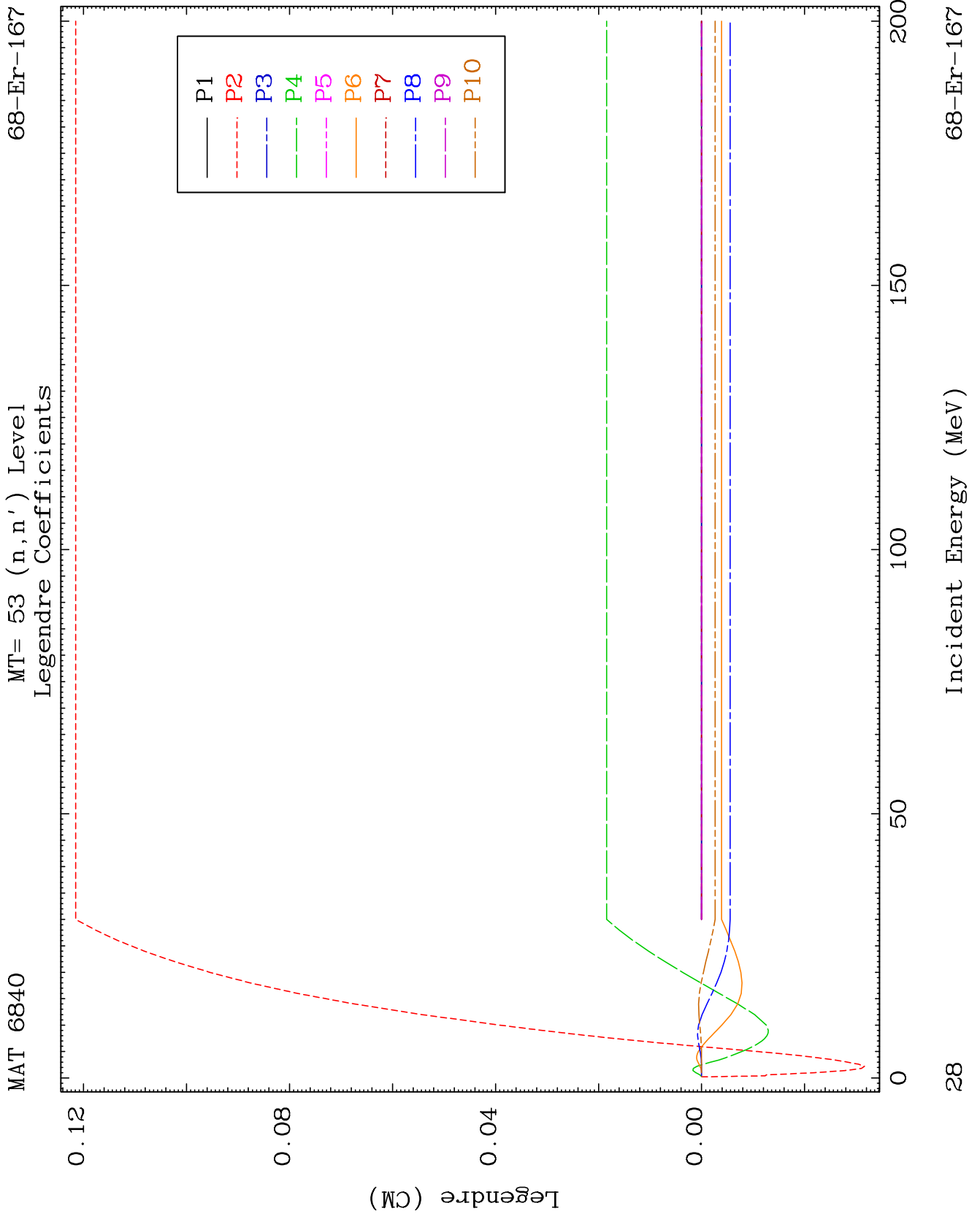


MAT 6840

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

68-Er-167

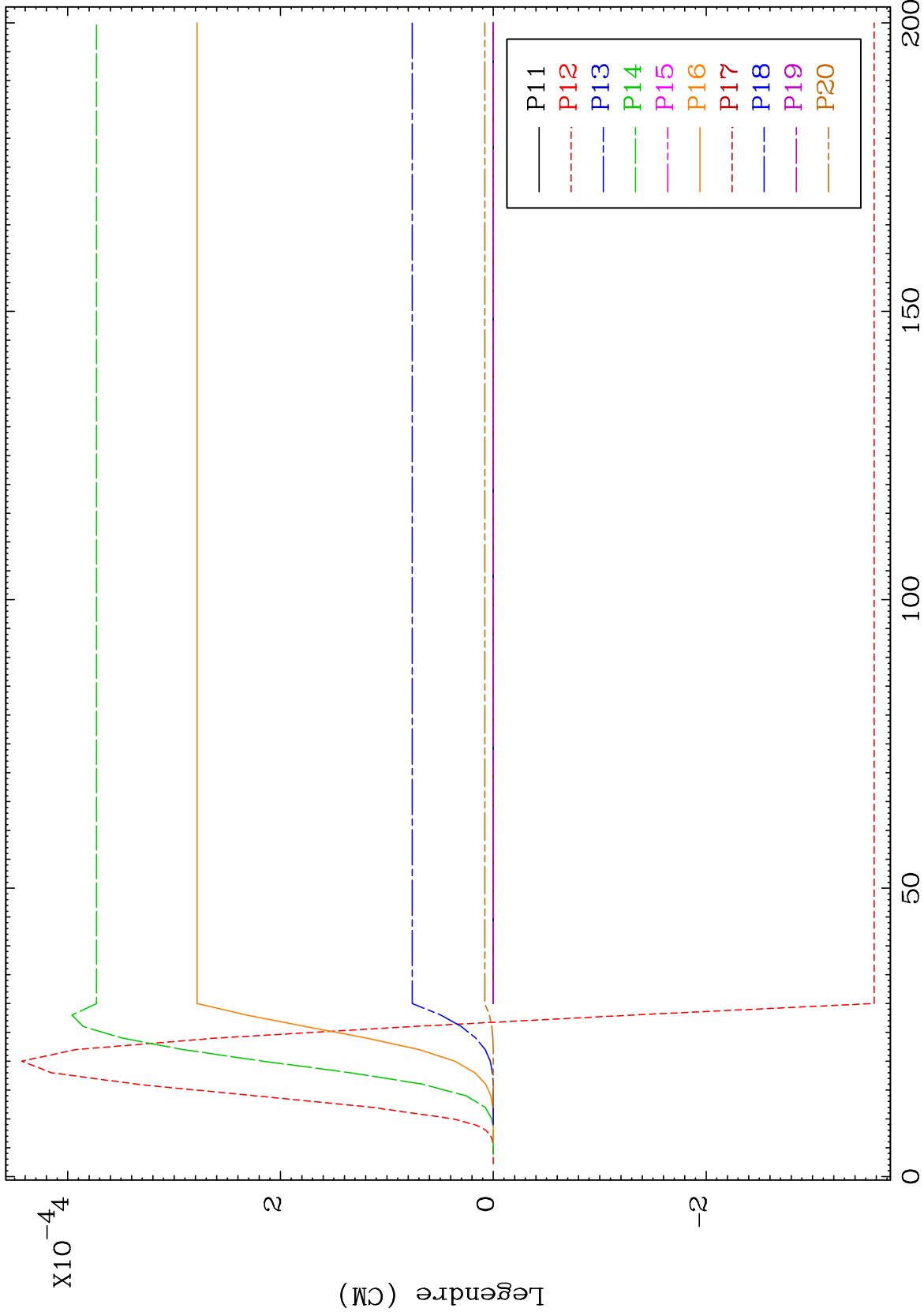




MAT 6840

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

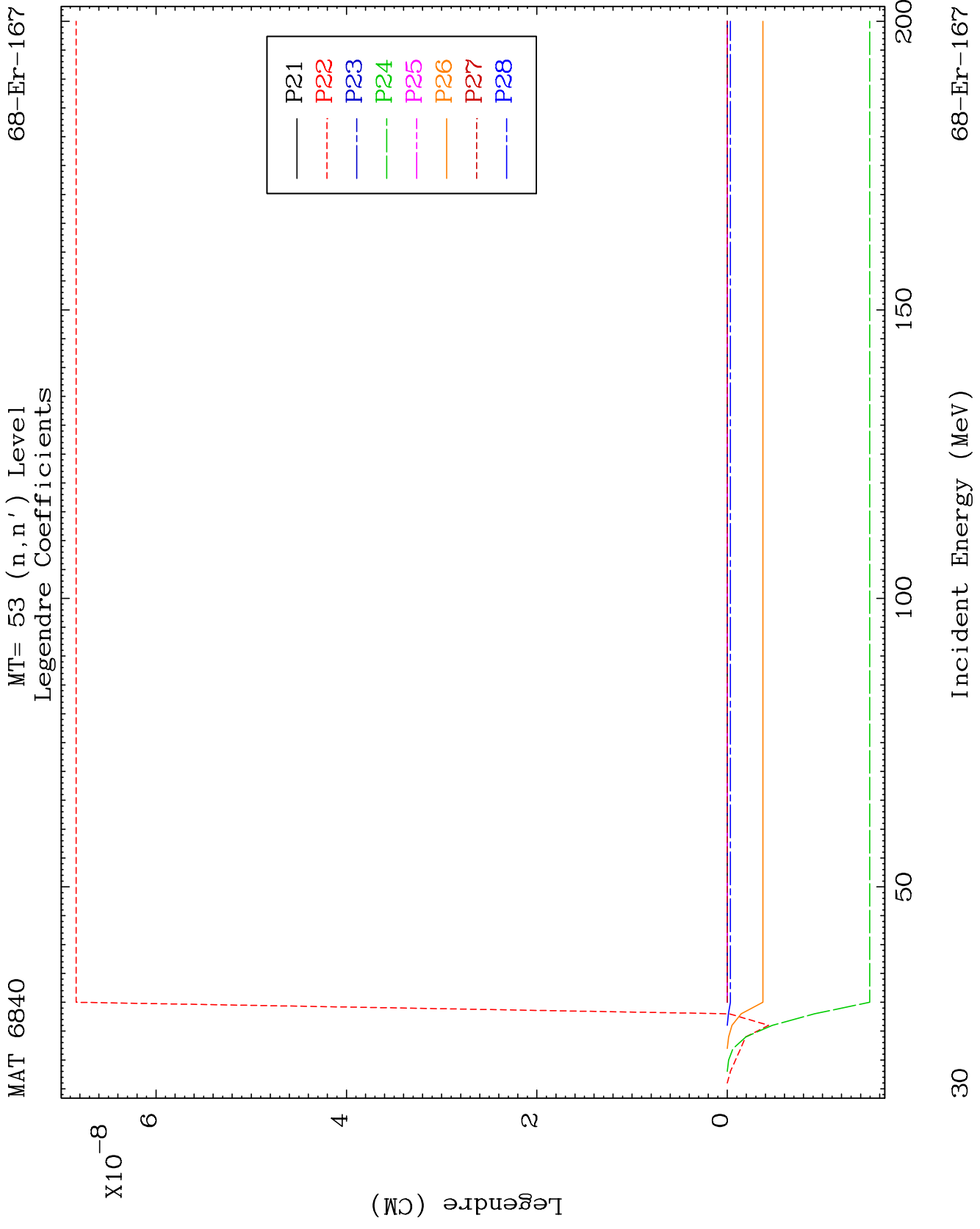
68-Er-167



29

Incident Energy (MeV)

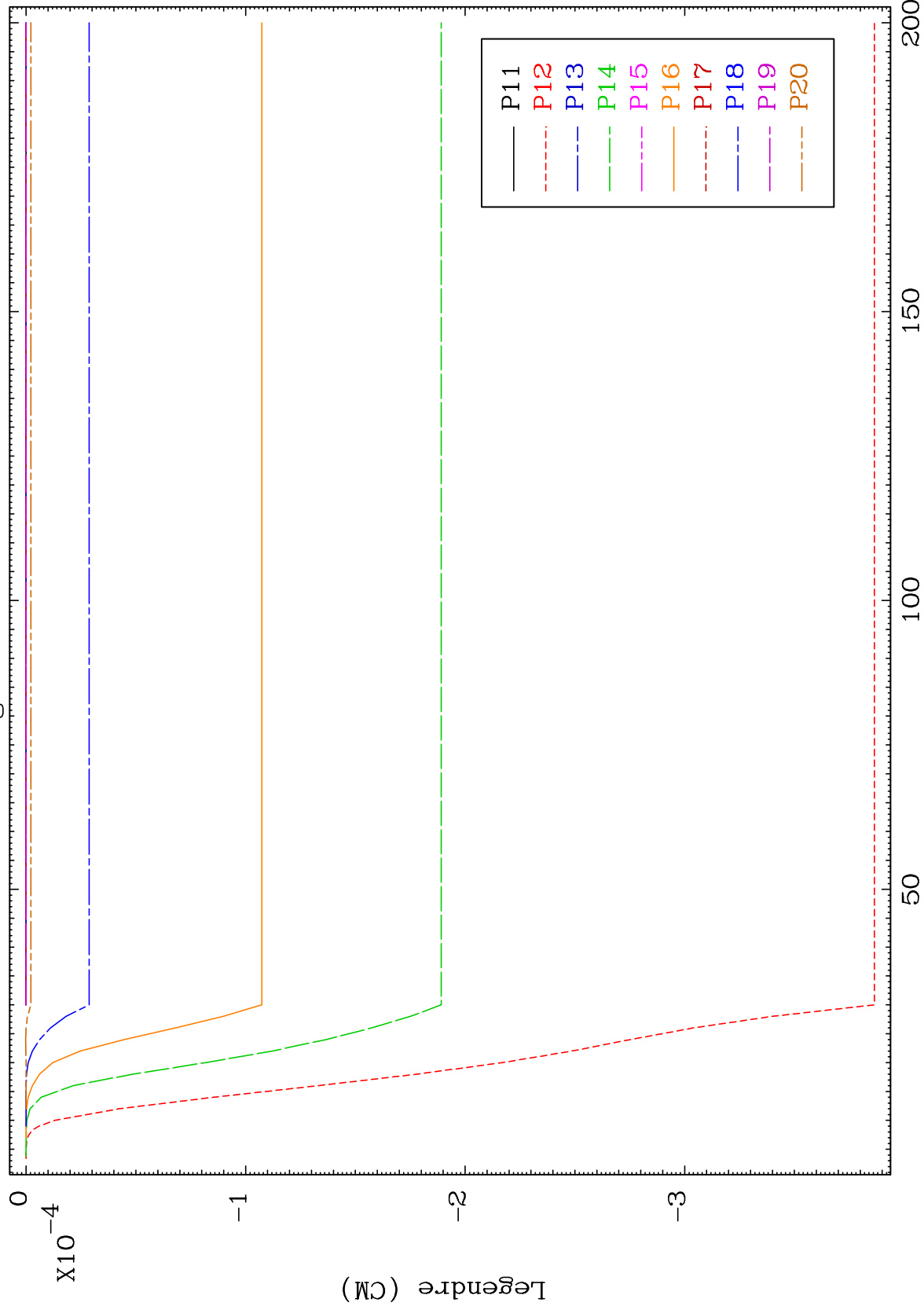
68-Er-167



MAT 6840

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

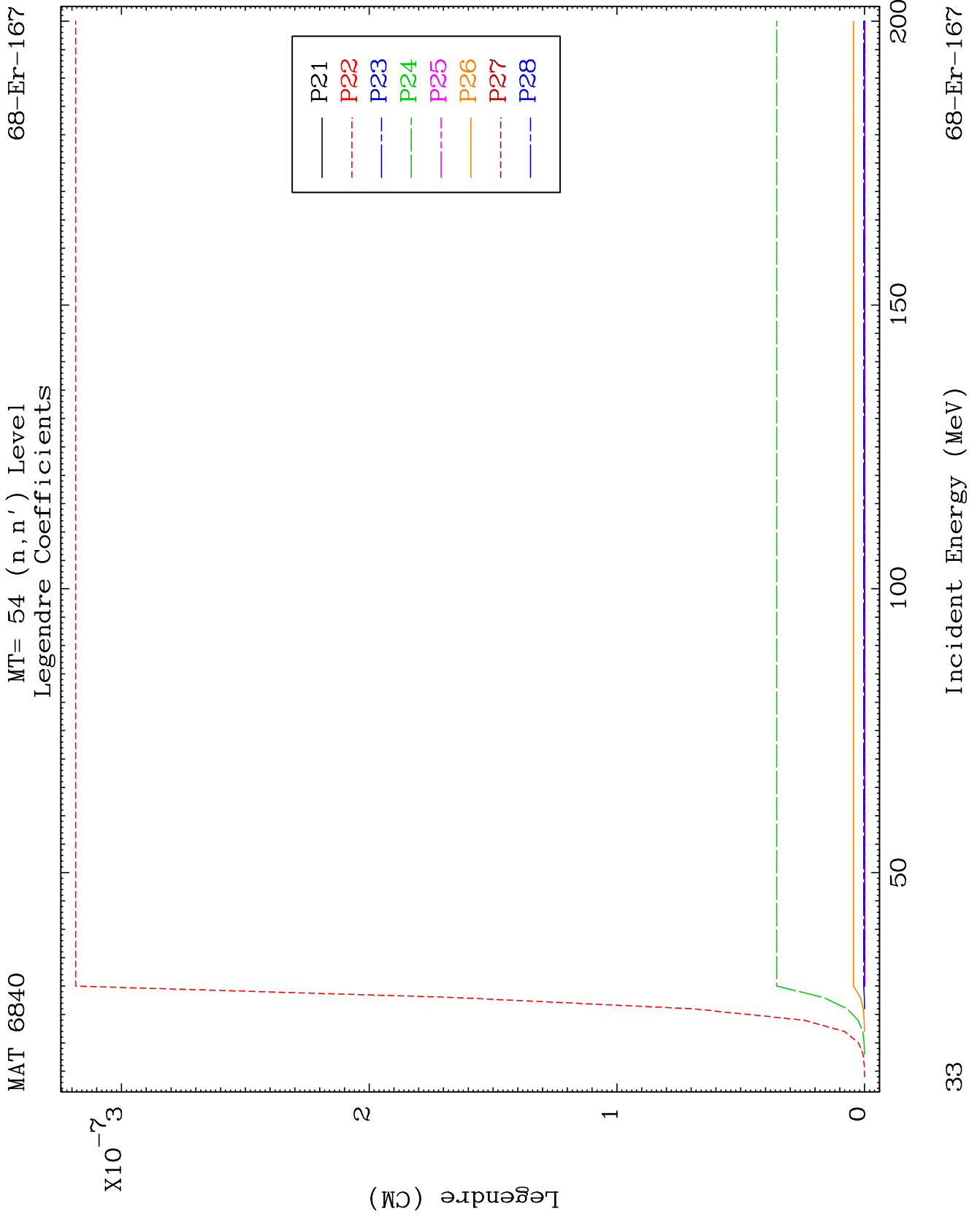
68-Er-167



32

Incident Energy (MeV)

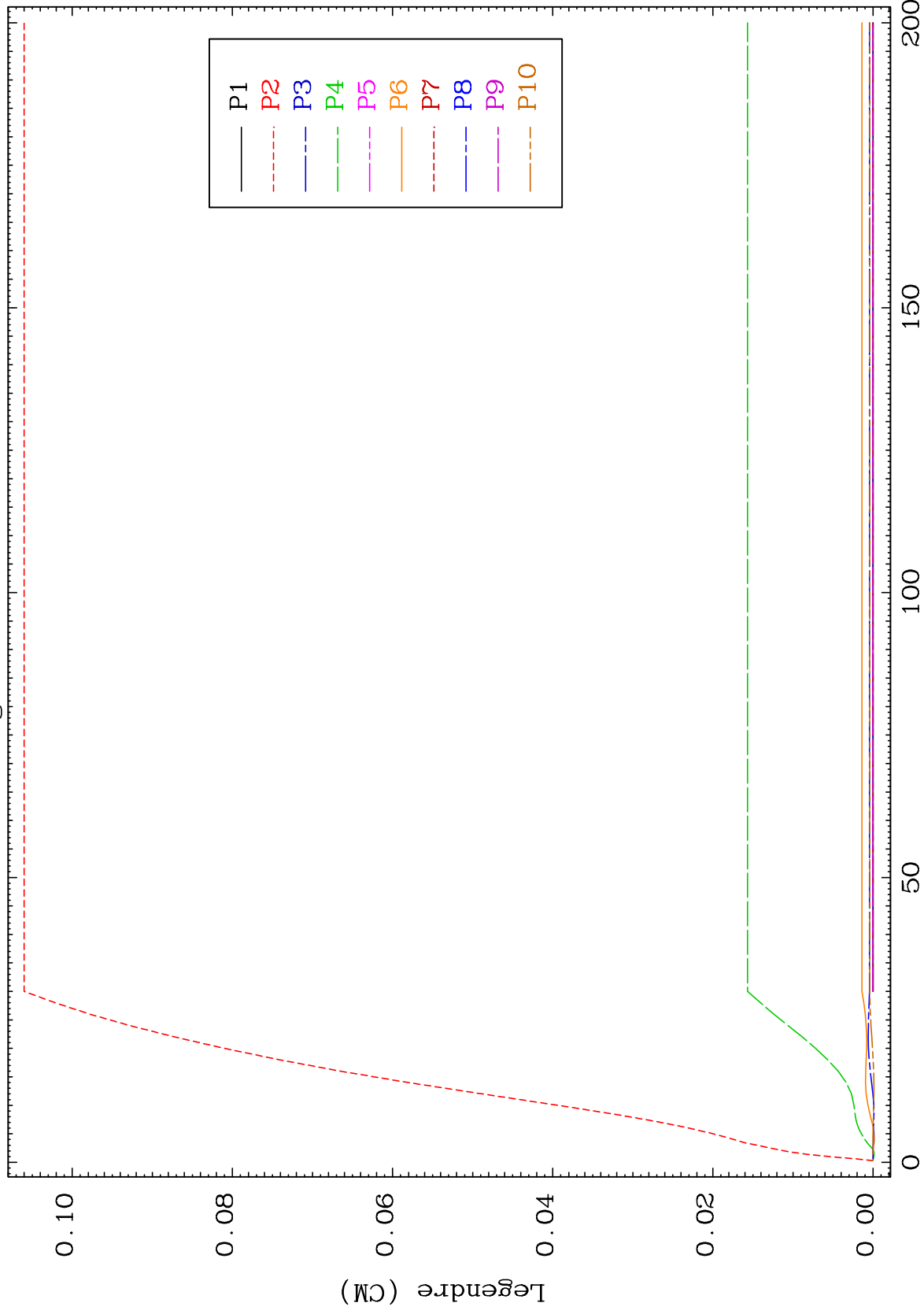
68-Er-167



MAT 6840

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

68-Er-167



34

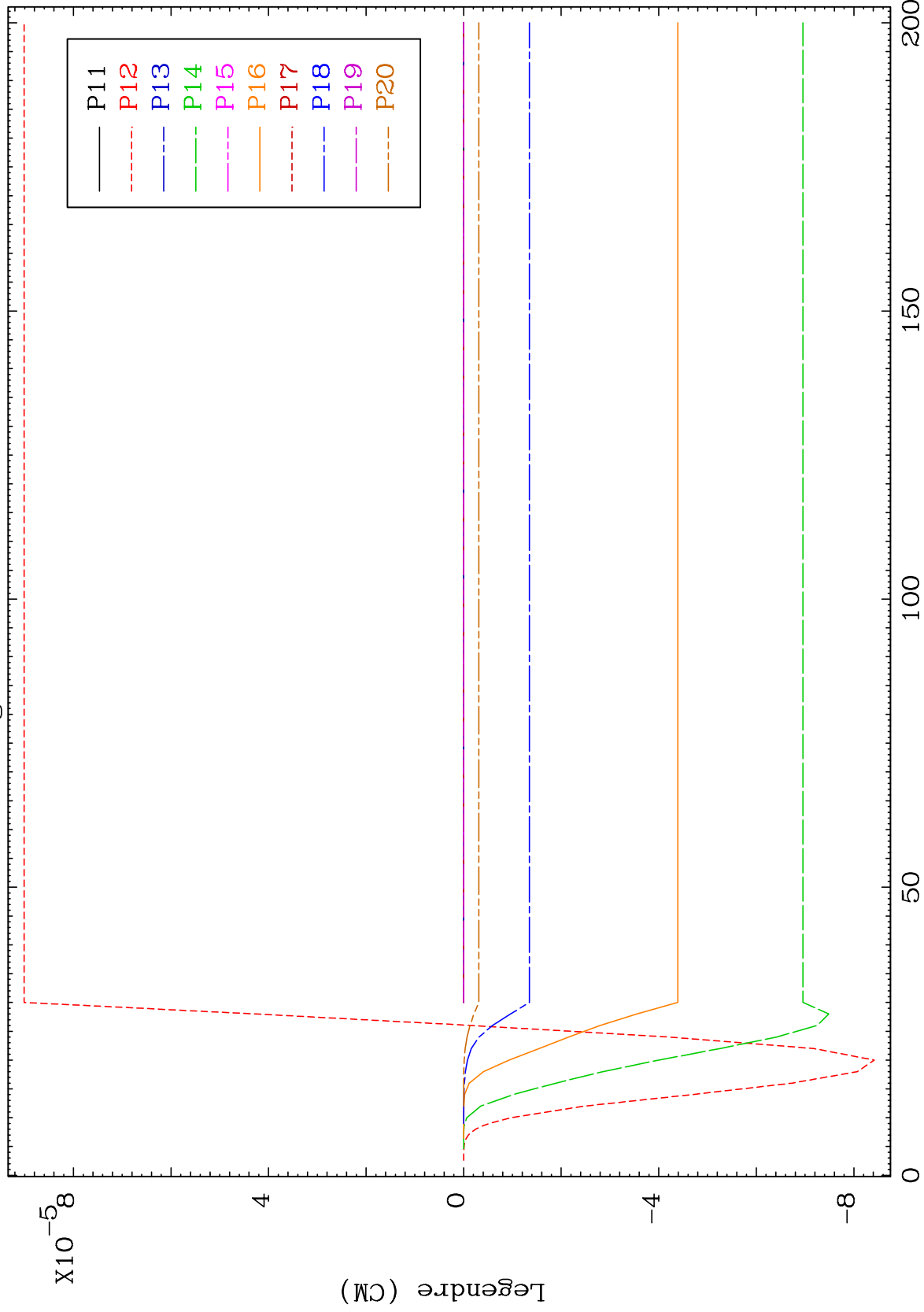
Incident Energy (MeV)

68-Er-167

MAT 6840

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

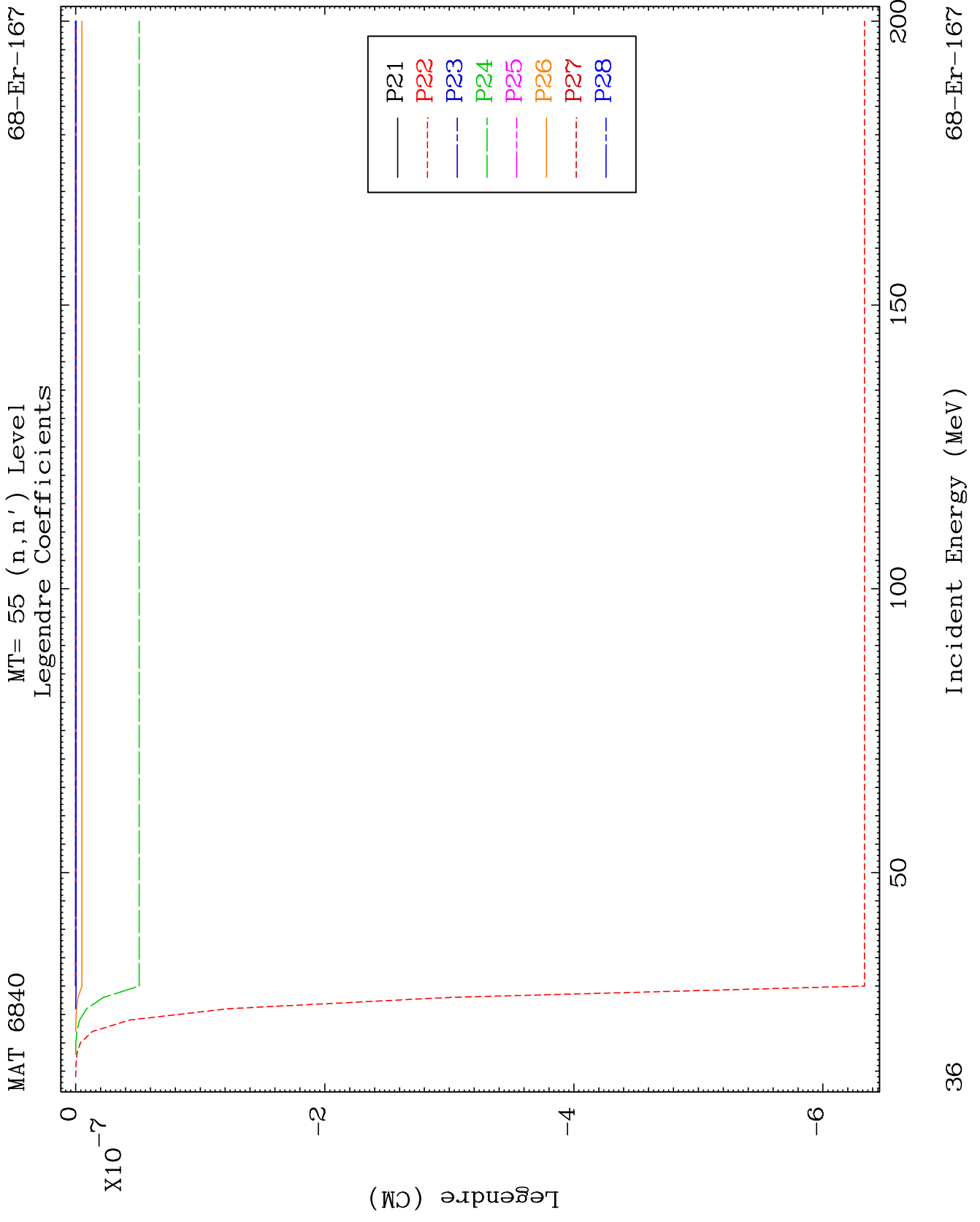
68-Er-167



35

Incident Energy (MeV)

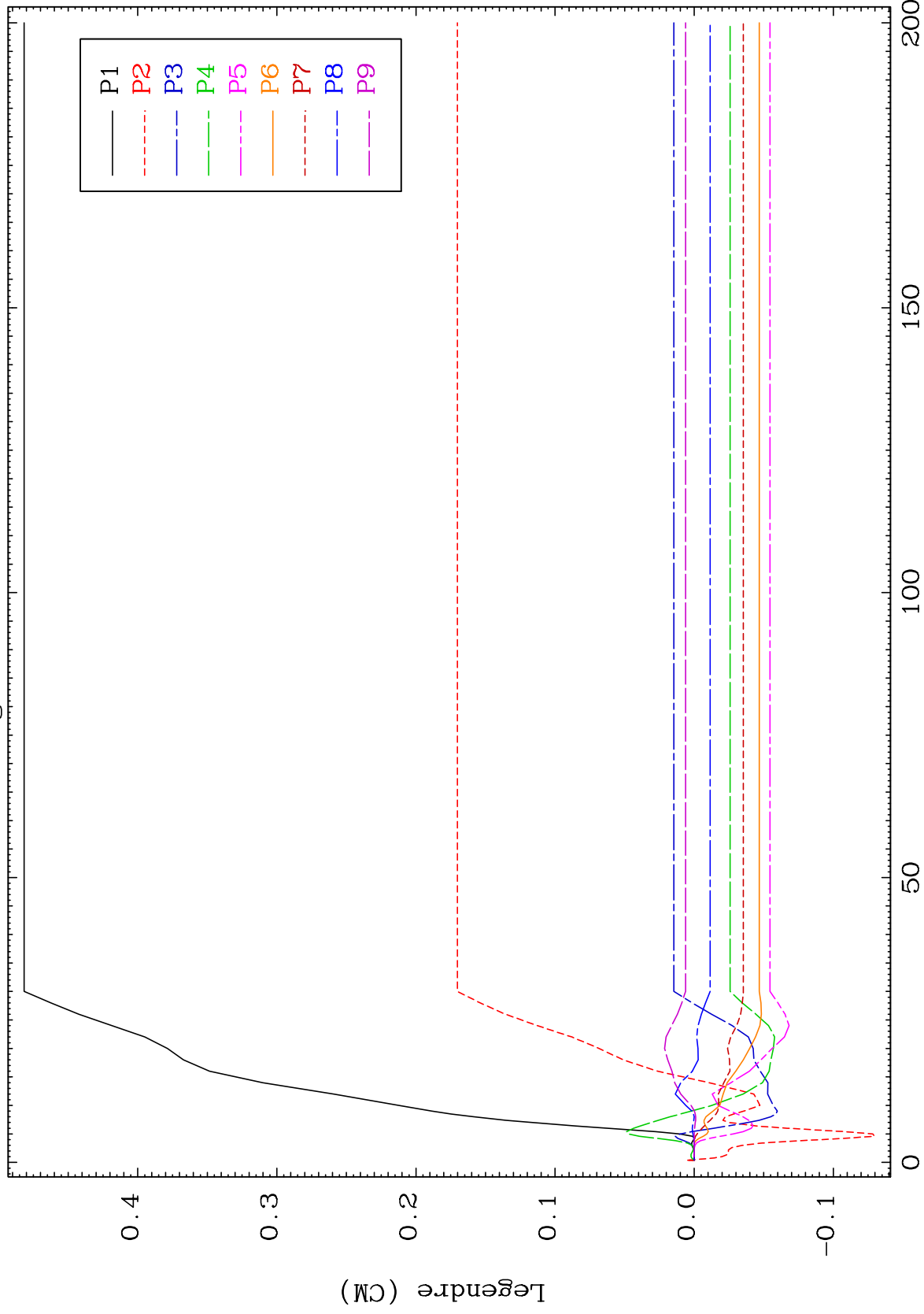
68-Er-167



MAT 6840

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

68-Er-167



37

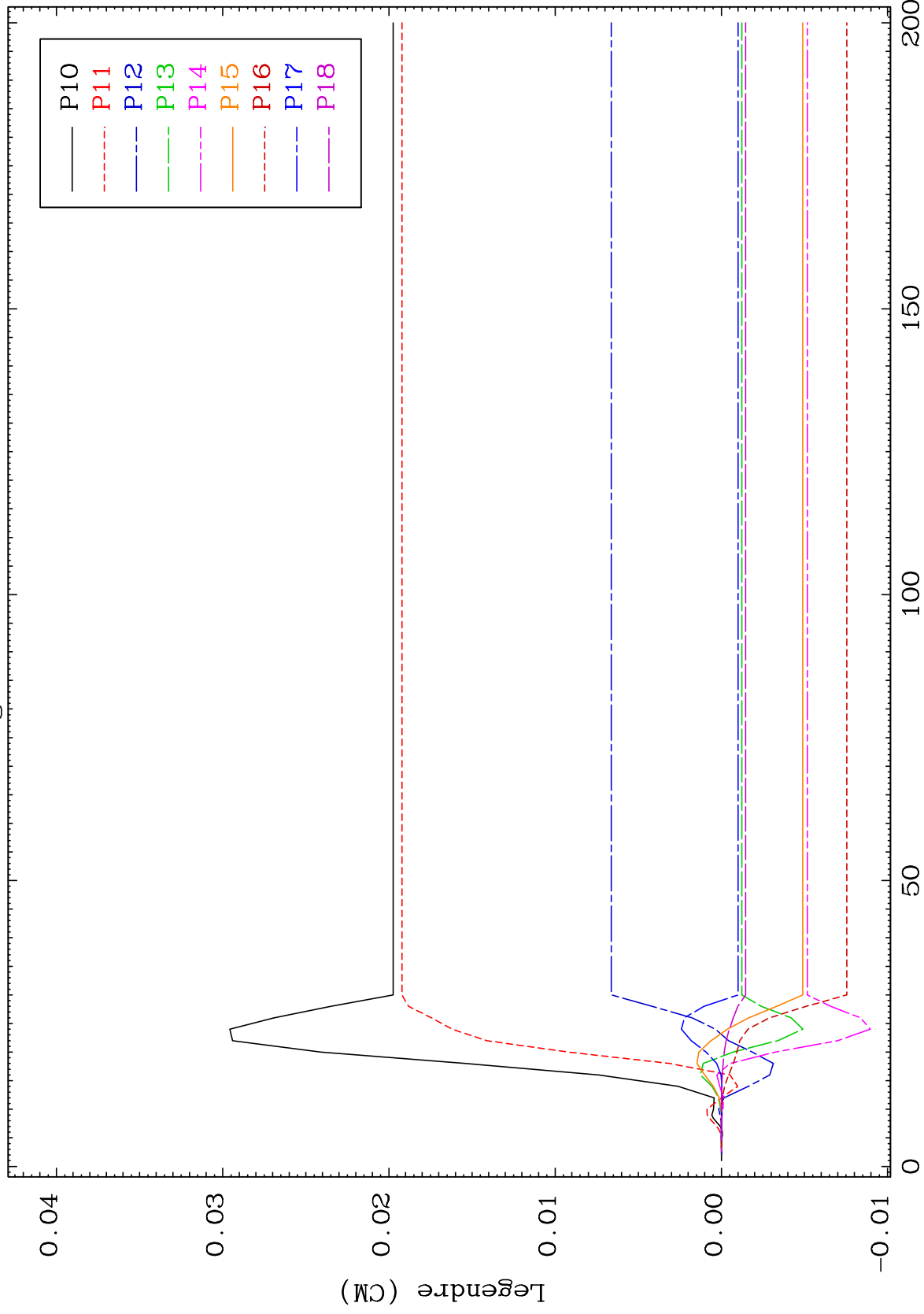
Incident Energy (MeV)

68-Er-167

MAT 6840

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

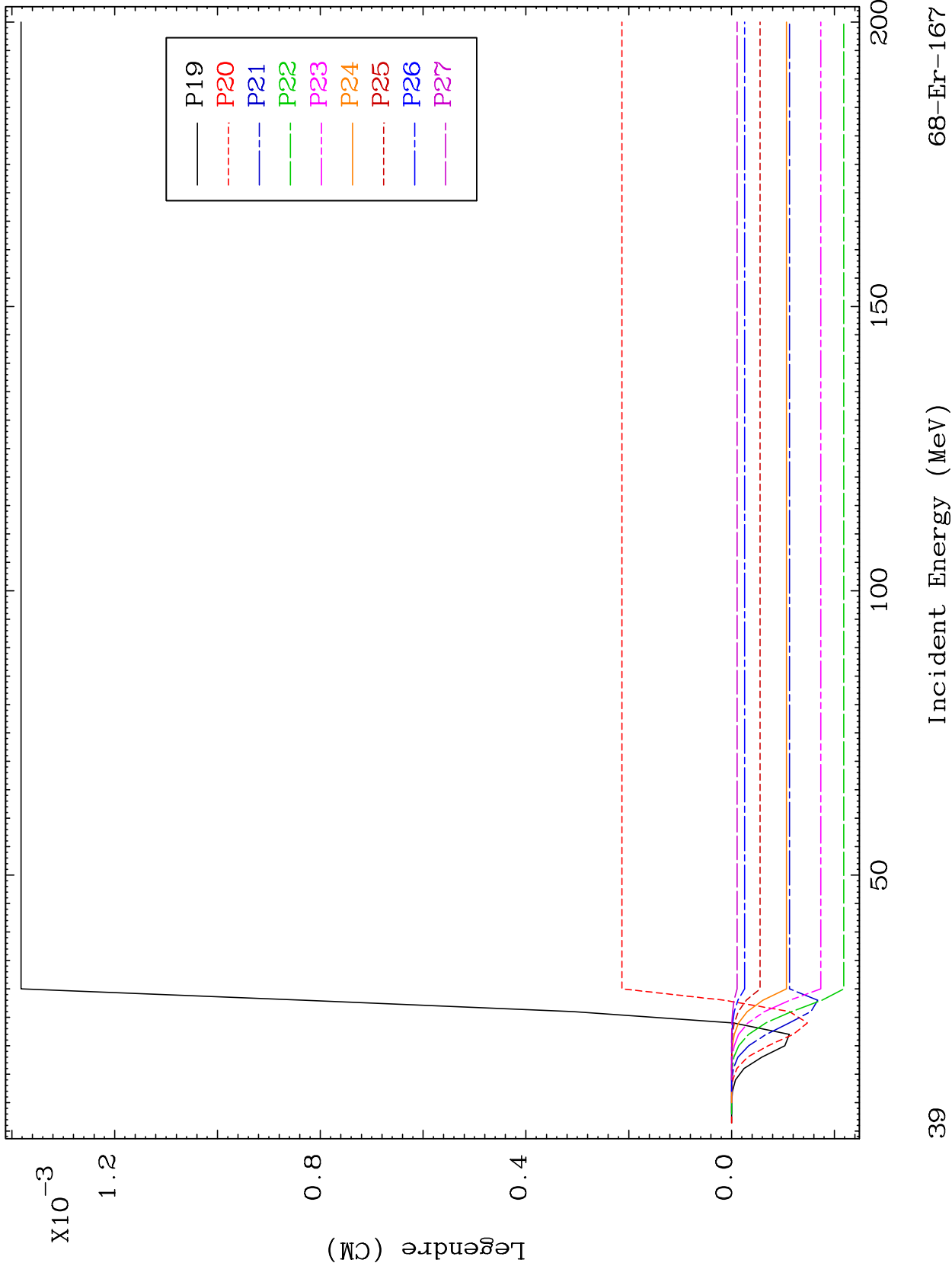
68-Er-167



38

Incident Energy (MeV)

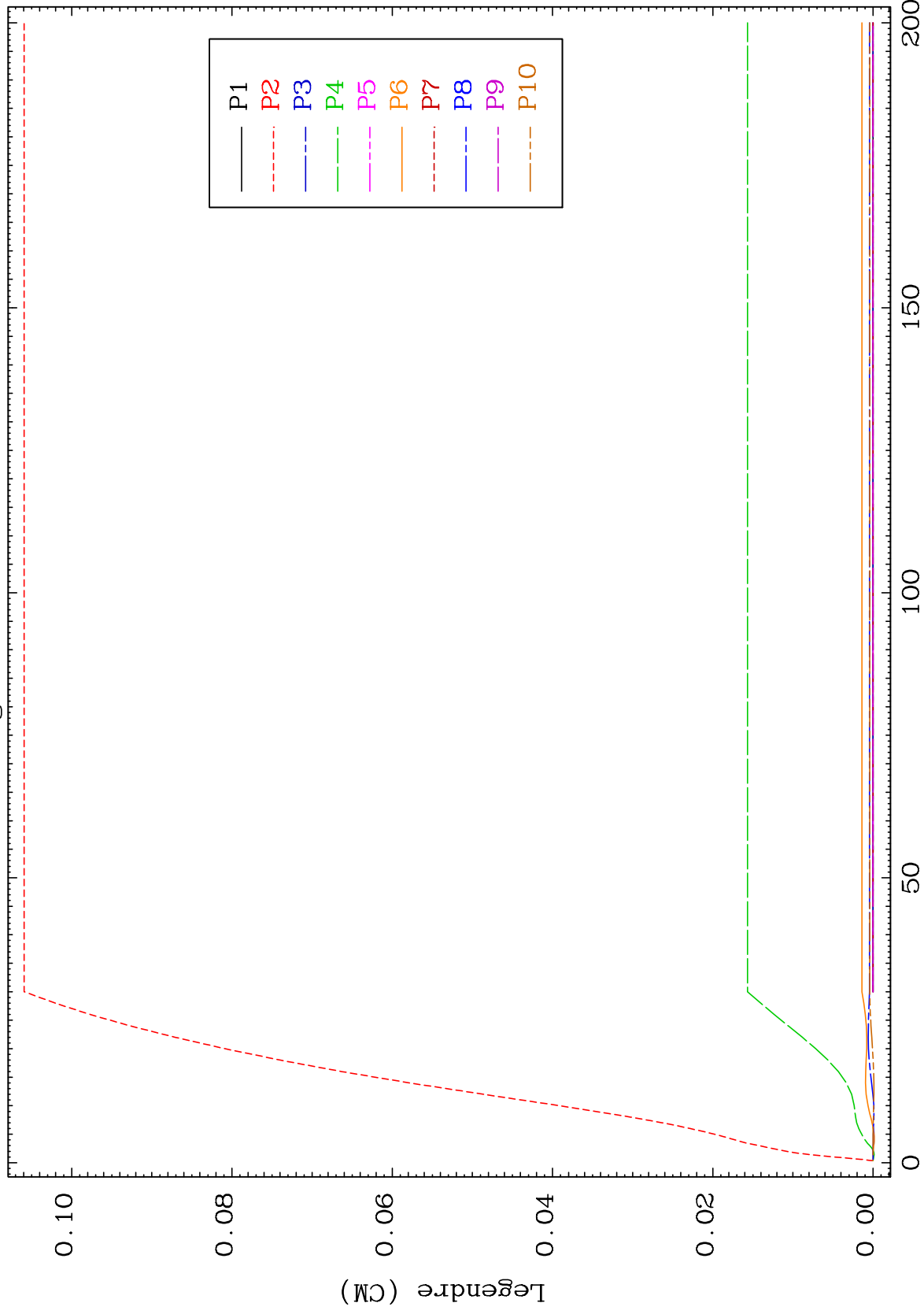
68-Er-167



MAT 6840

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

68-Er-167



41

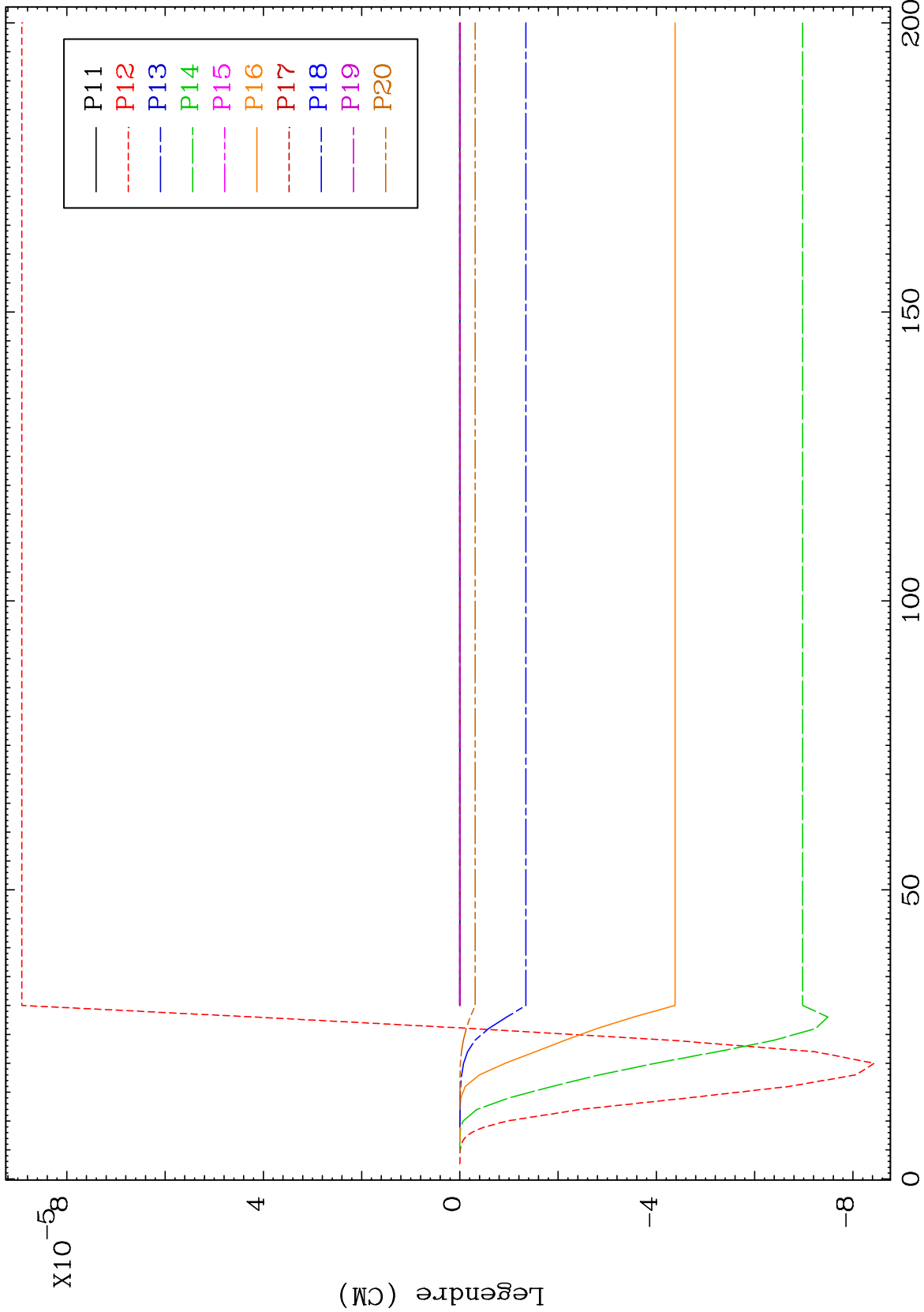
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



42

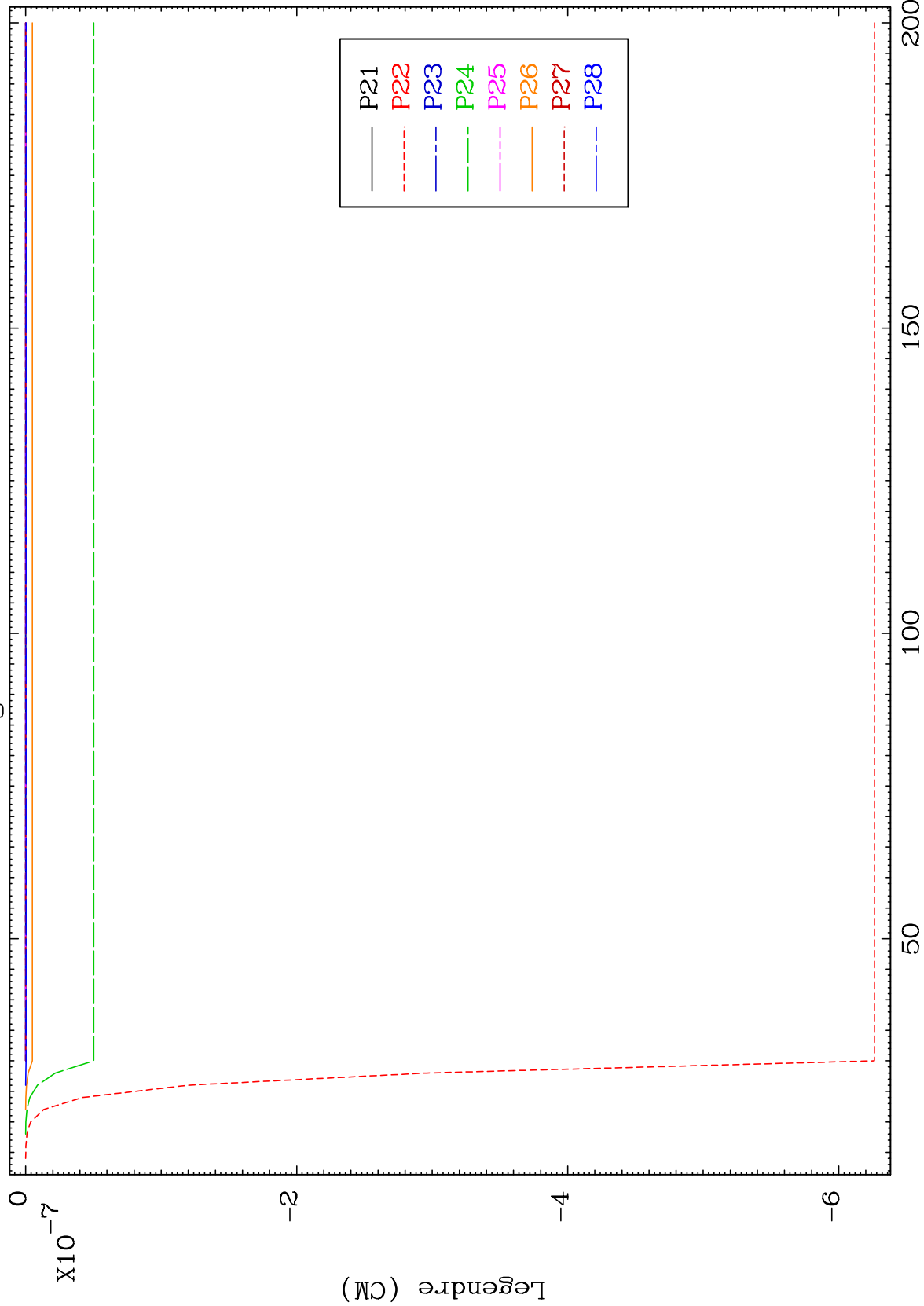
Incident Energy (MeV)

68-Er-167

MAT 6840

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

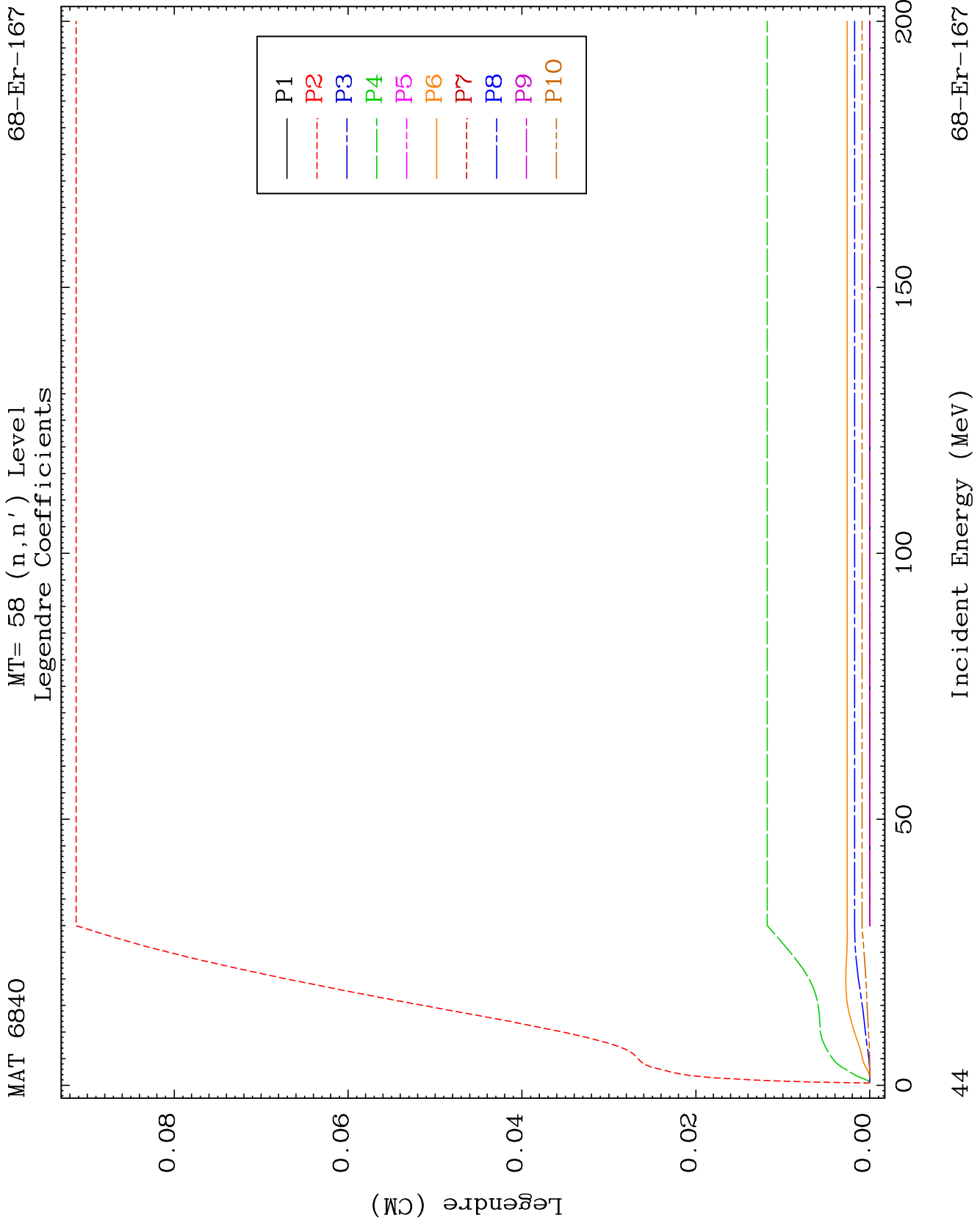
68-Er-167



68-Er-167

Incident Energy (MeV)

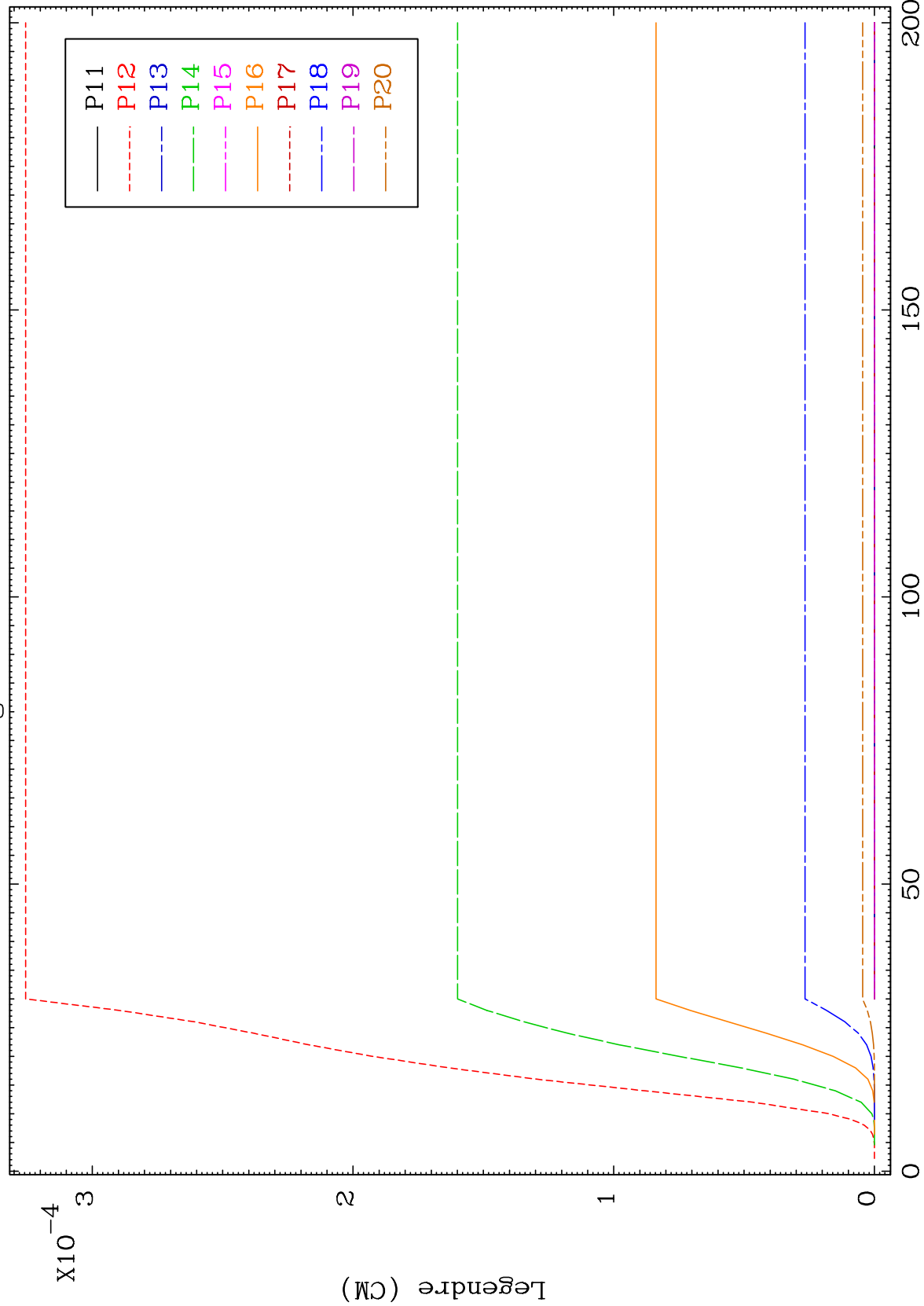
43



MAT 6840

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

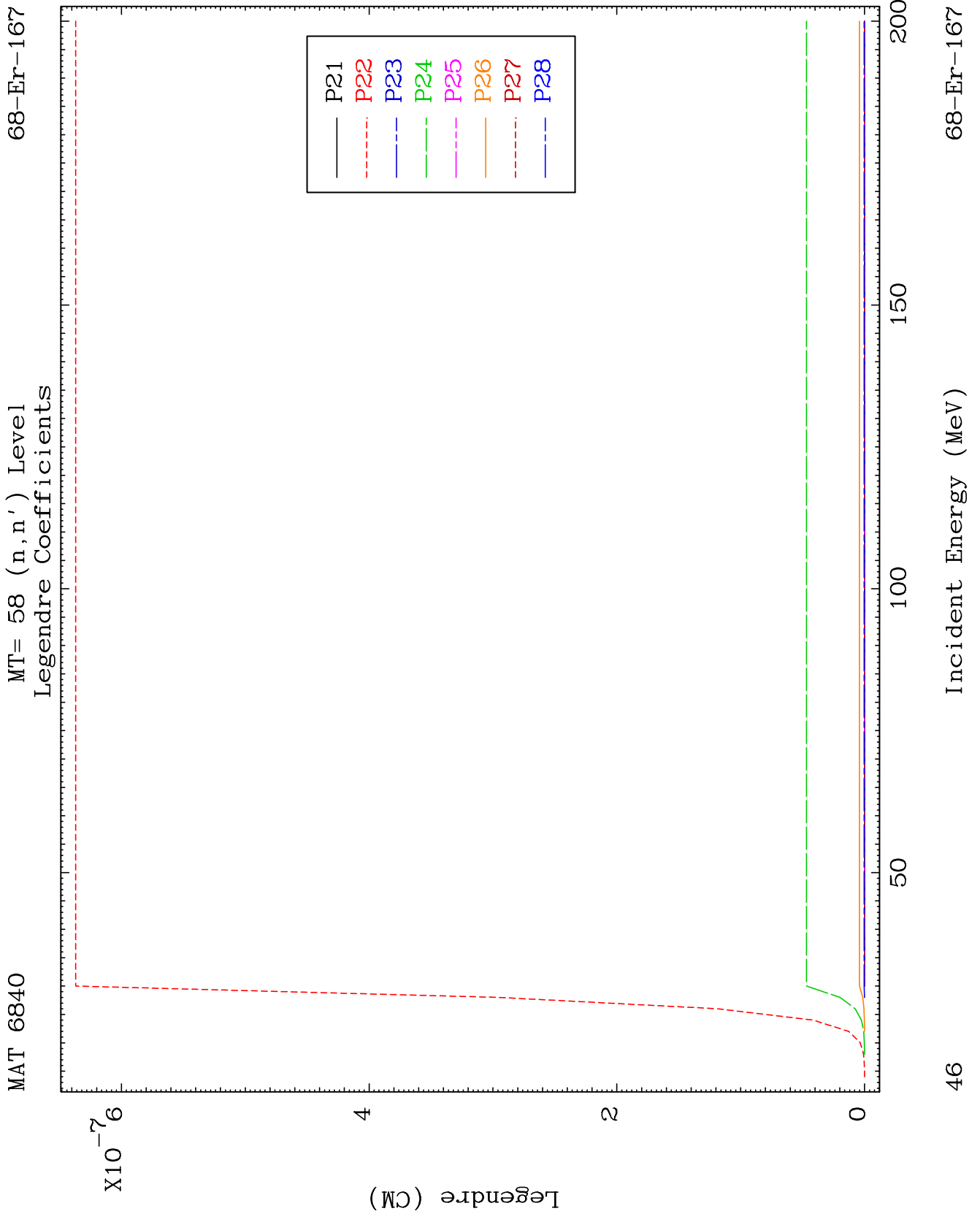
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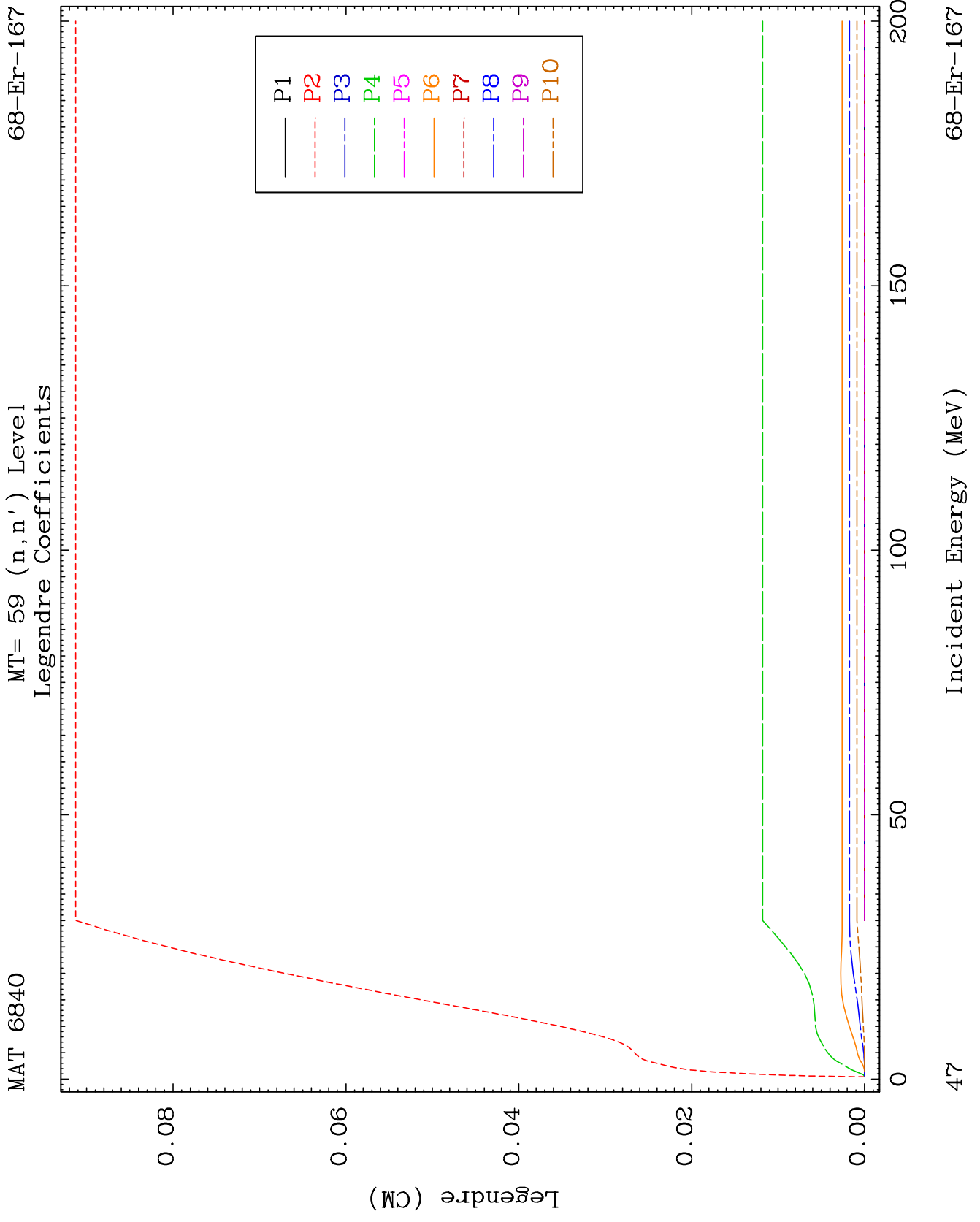


45

Incident Energy (MeV)

68-Er-167

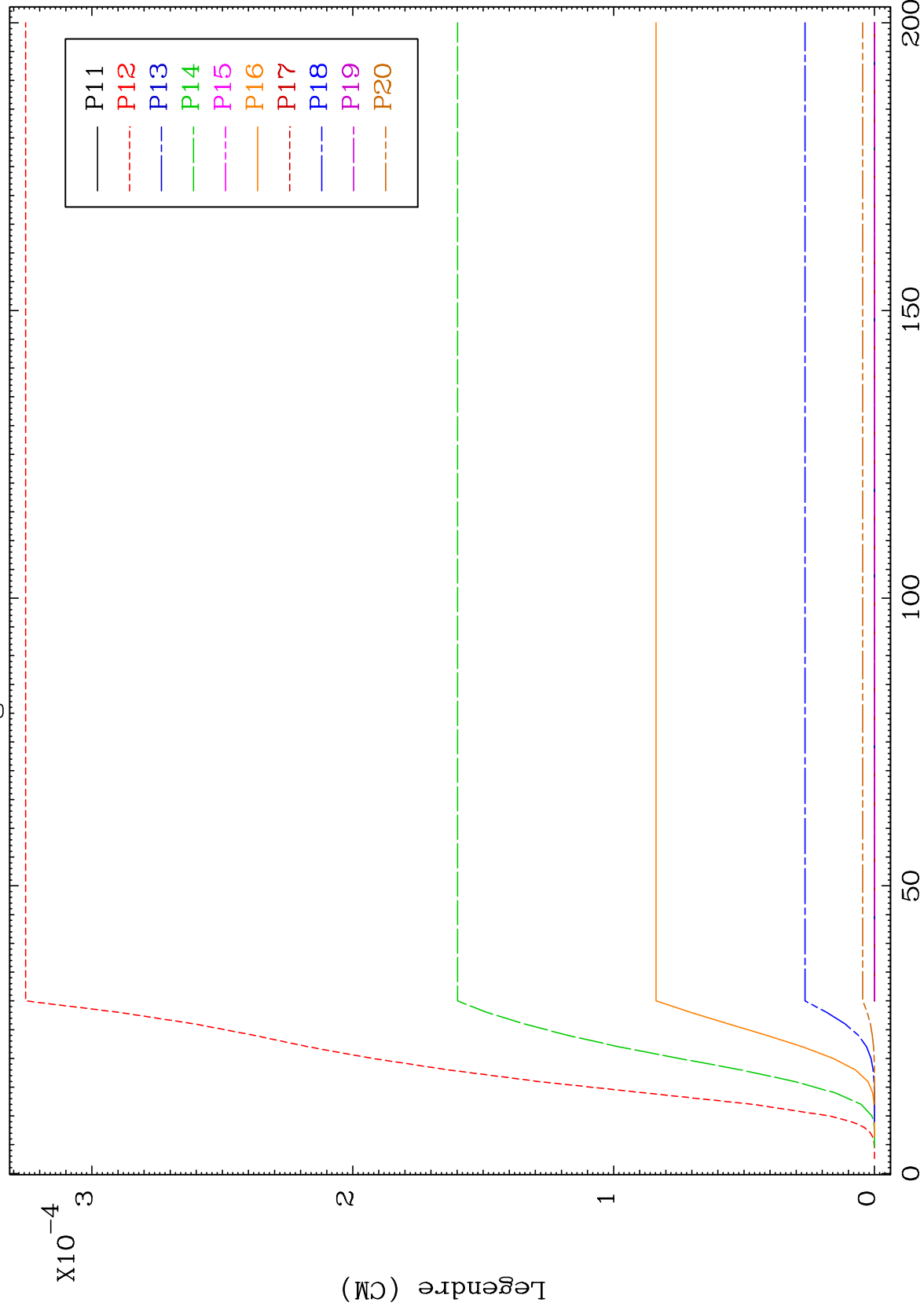




MAT 6840

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

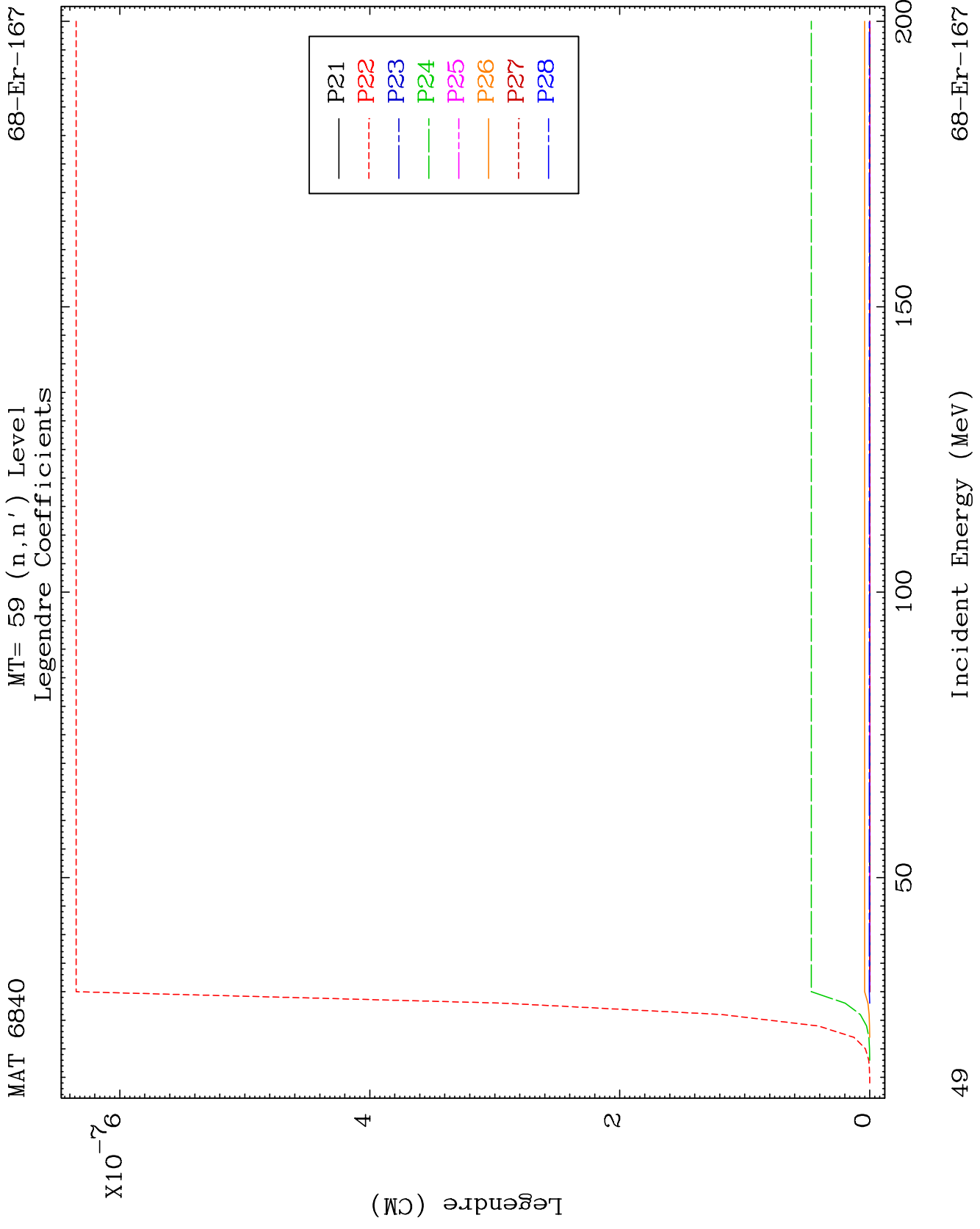
68-Er-167



48

Incident Energy (MeV)

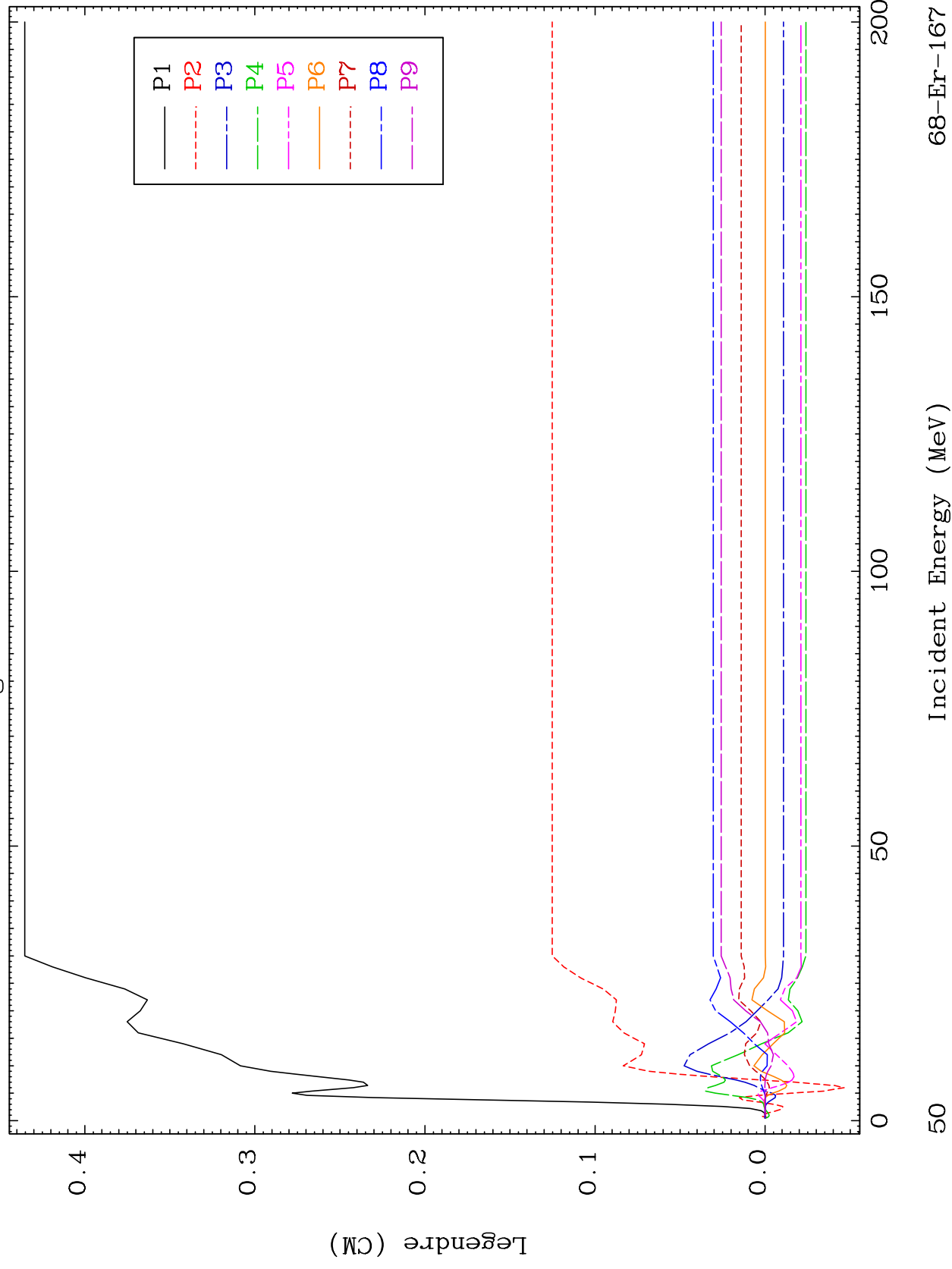
68-Er-167



MAT 6840

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

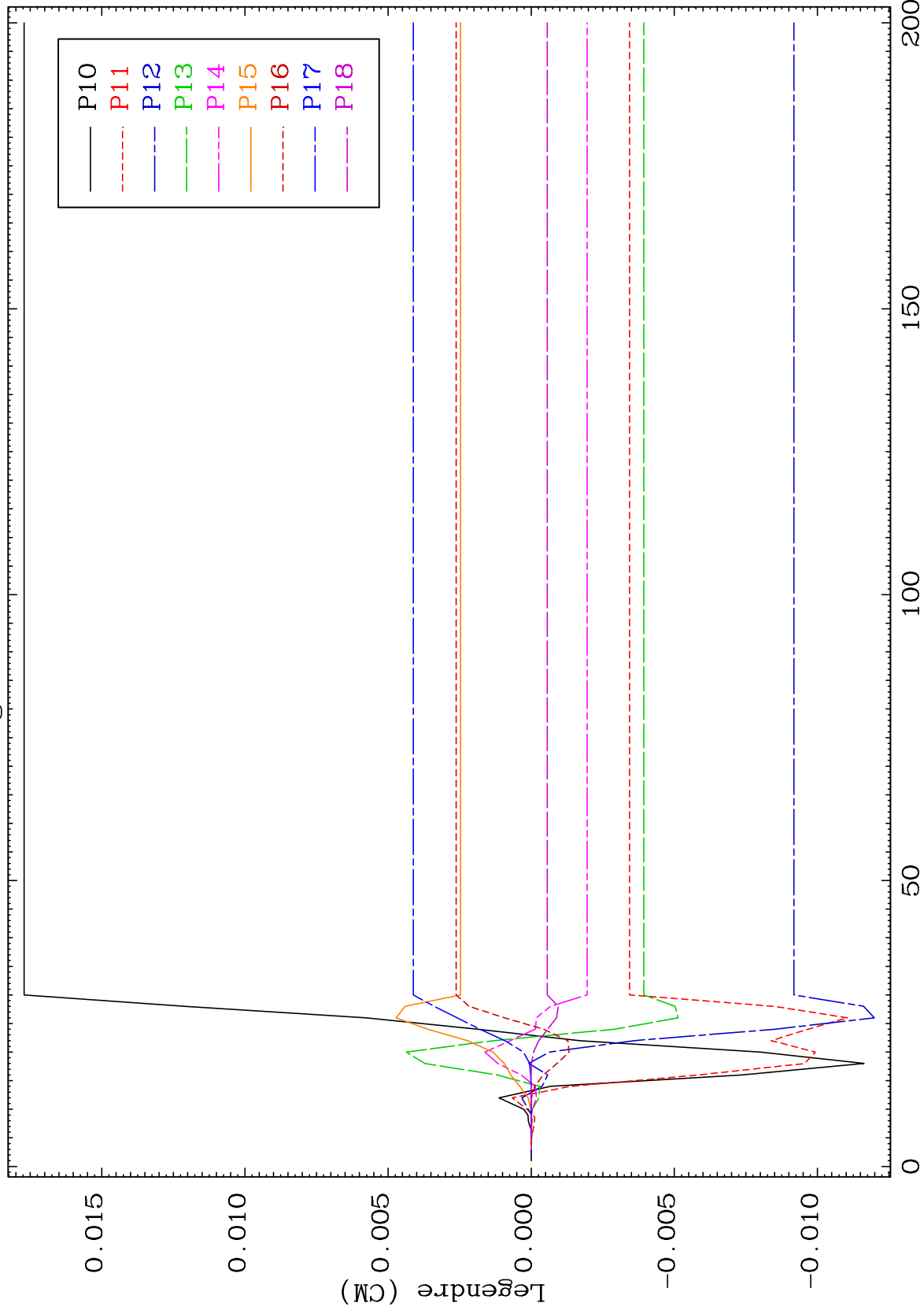
68-Er-167



MAT 6840

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

68-Er-167



51

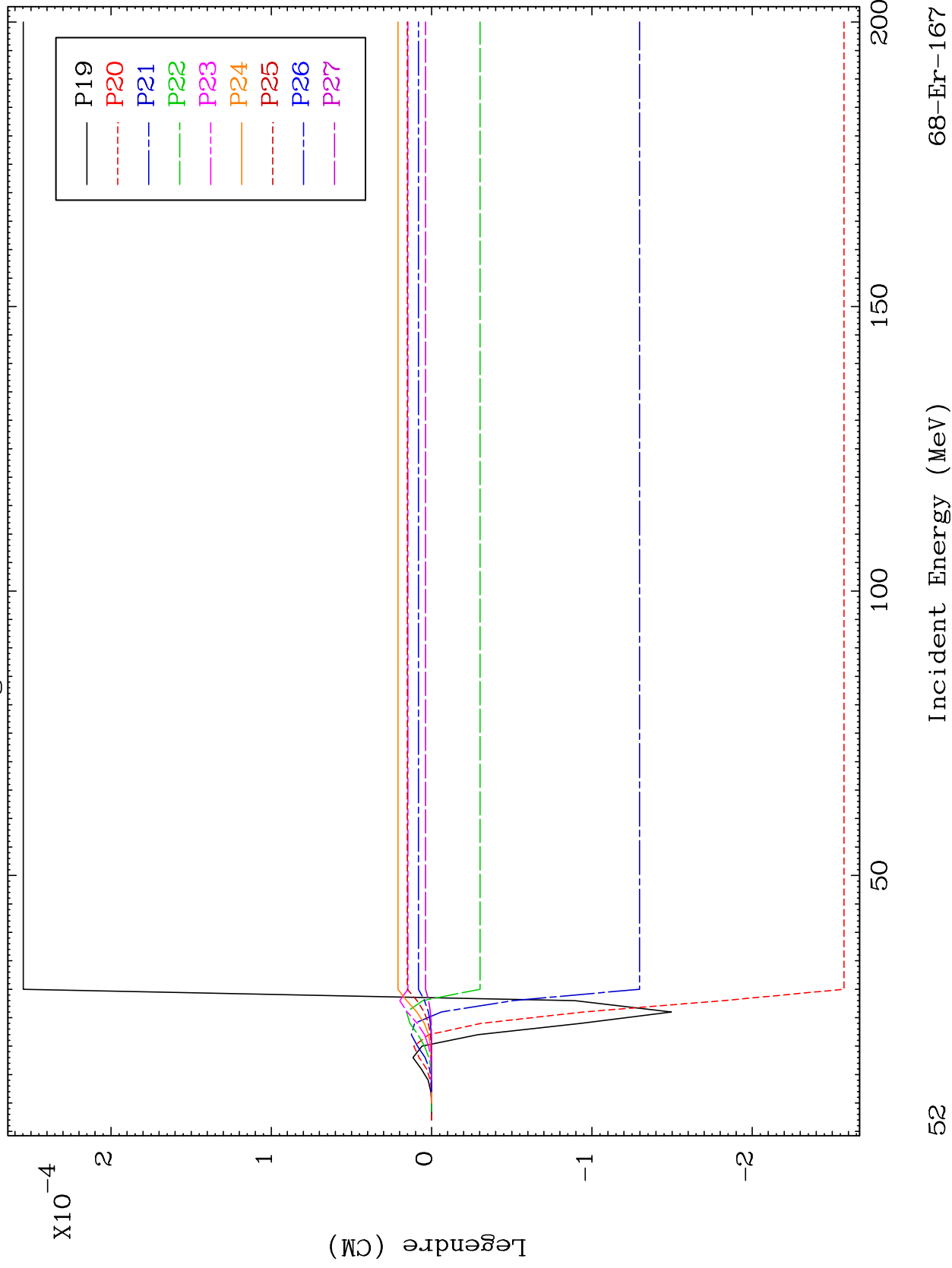
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



52

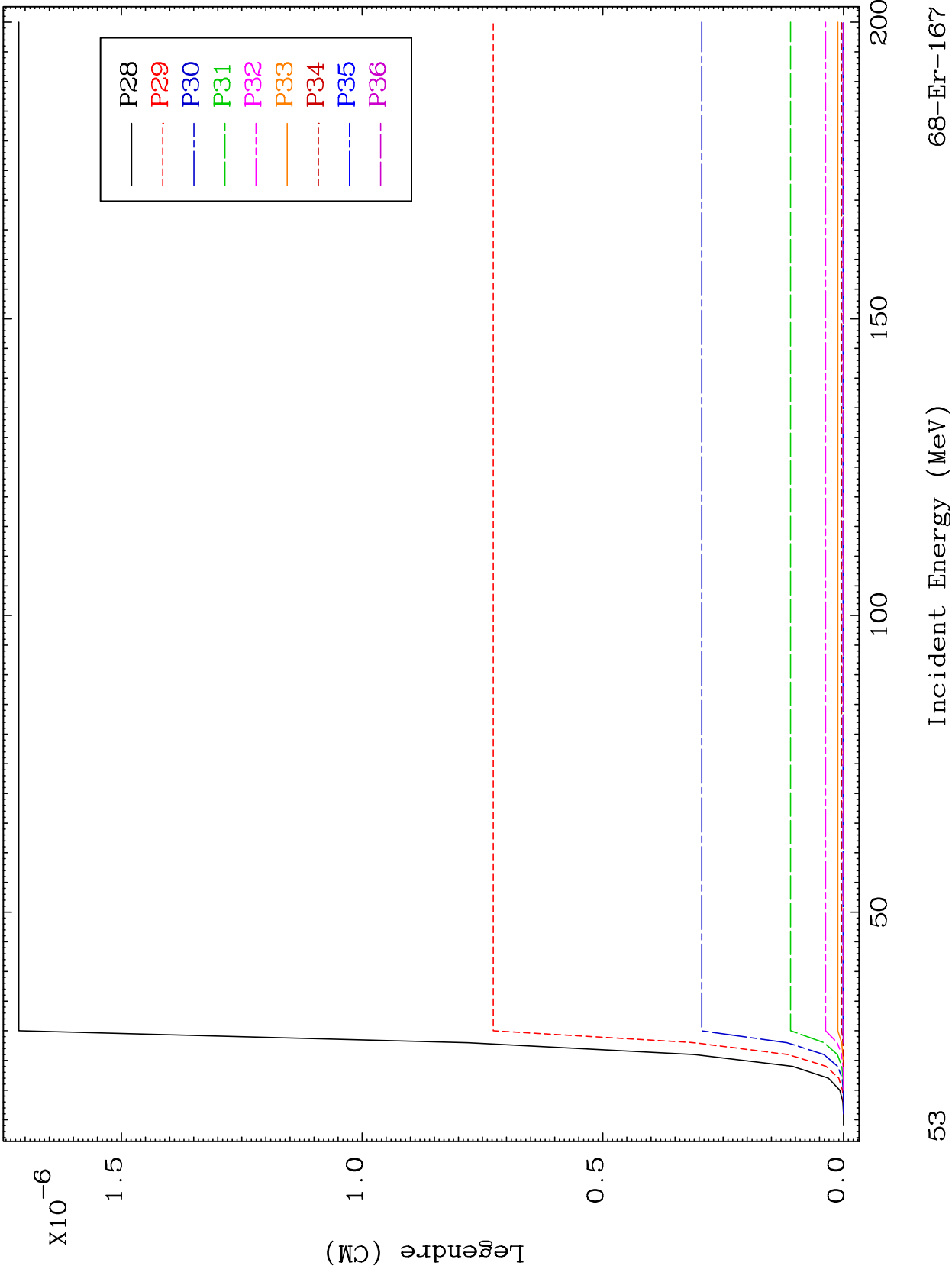
Incident Energy (MeV)

68-Er-167

MAT 6840

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

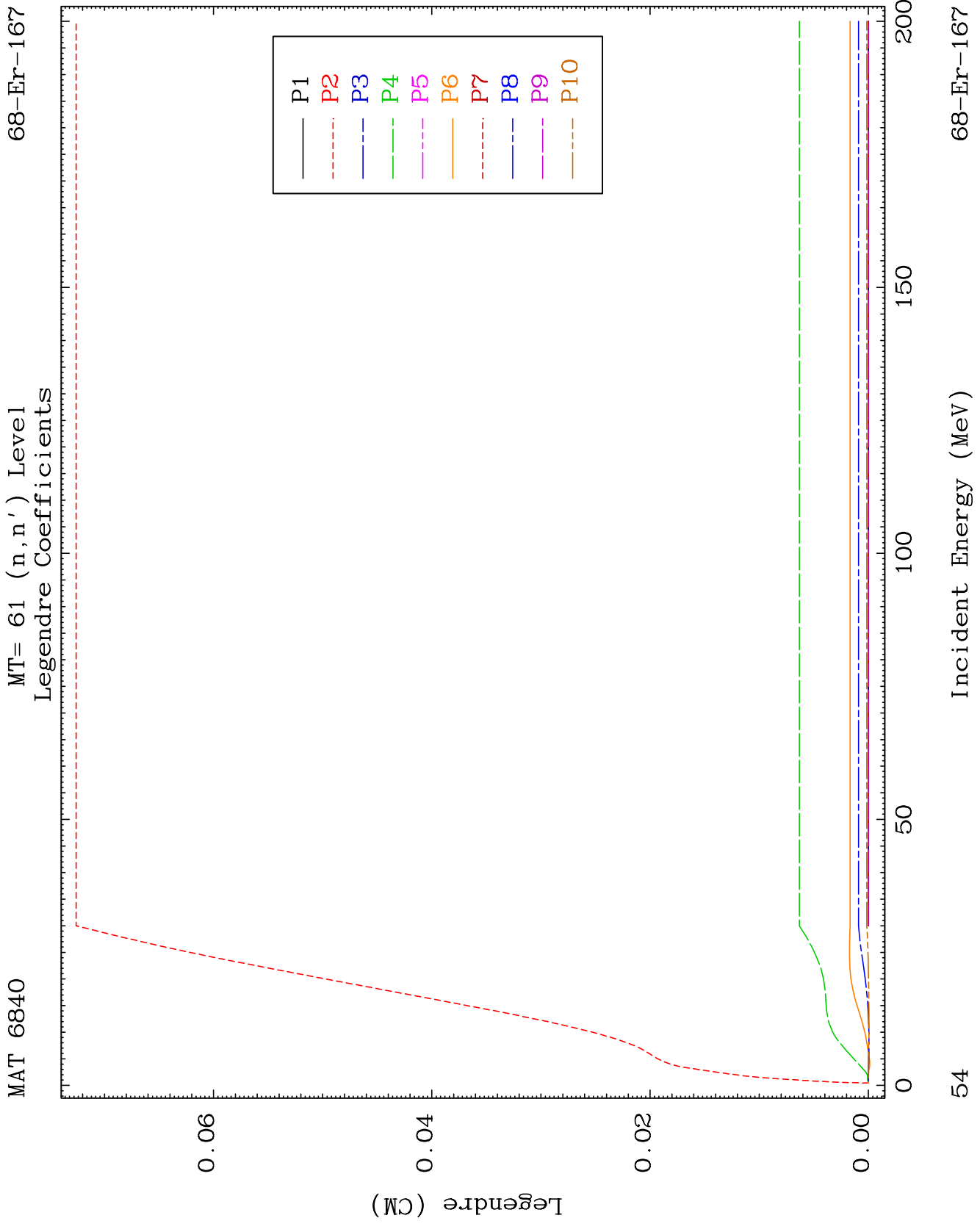
68-Er-167



53

Incident Energy (MeV)

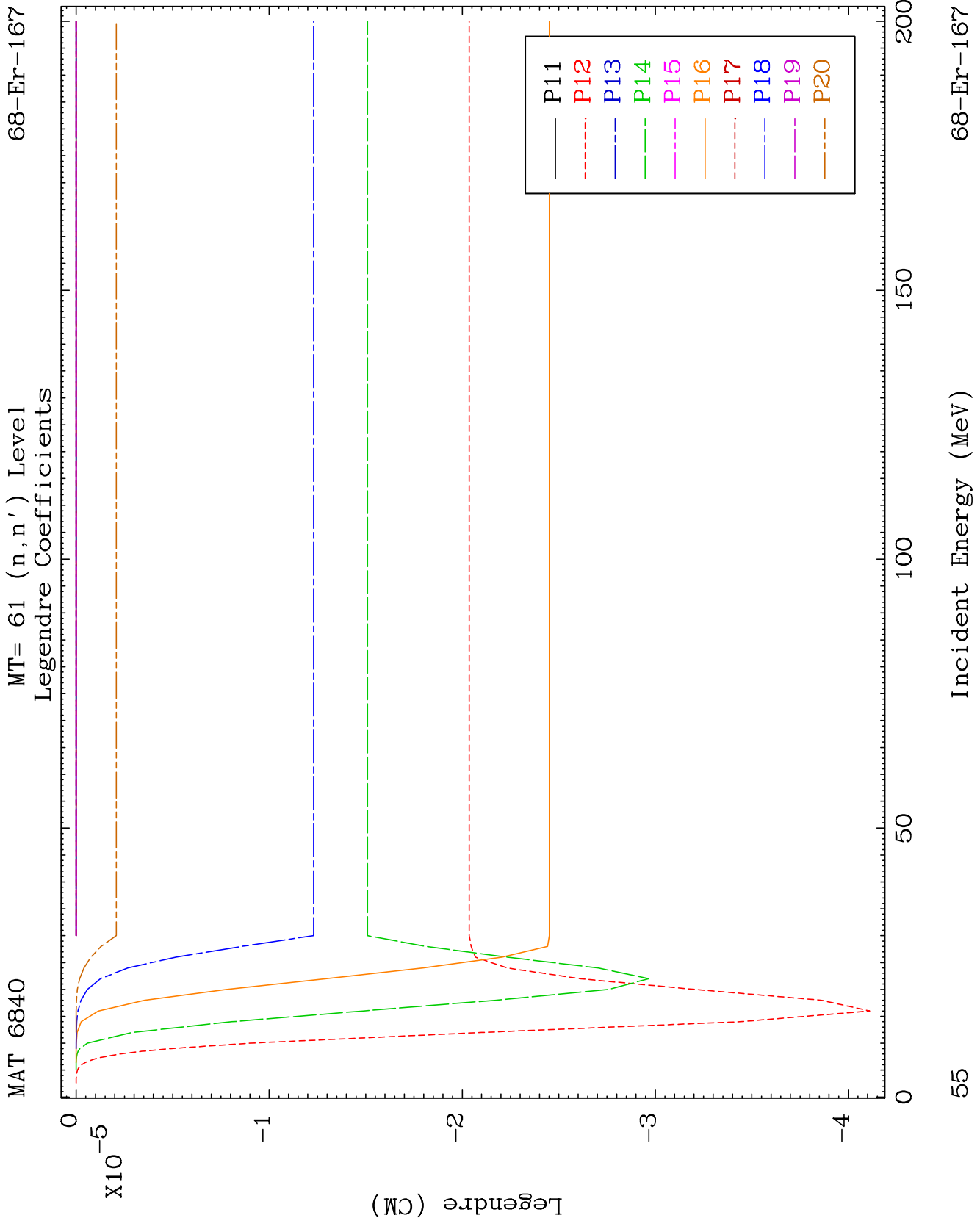
68-Er-167

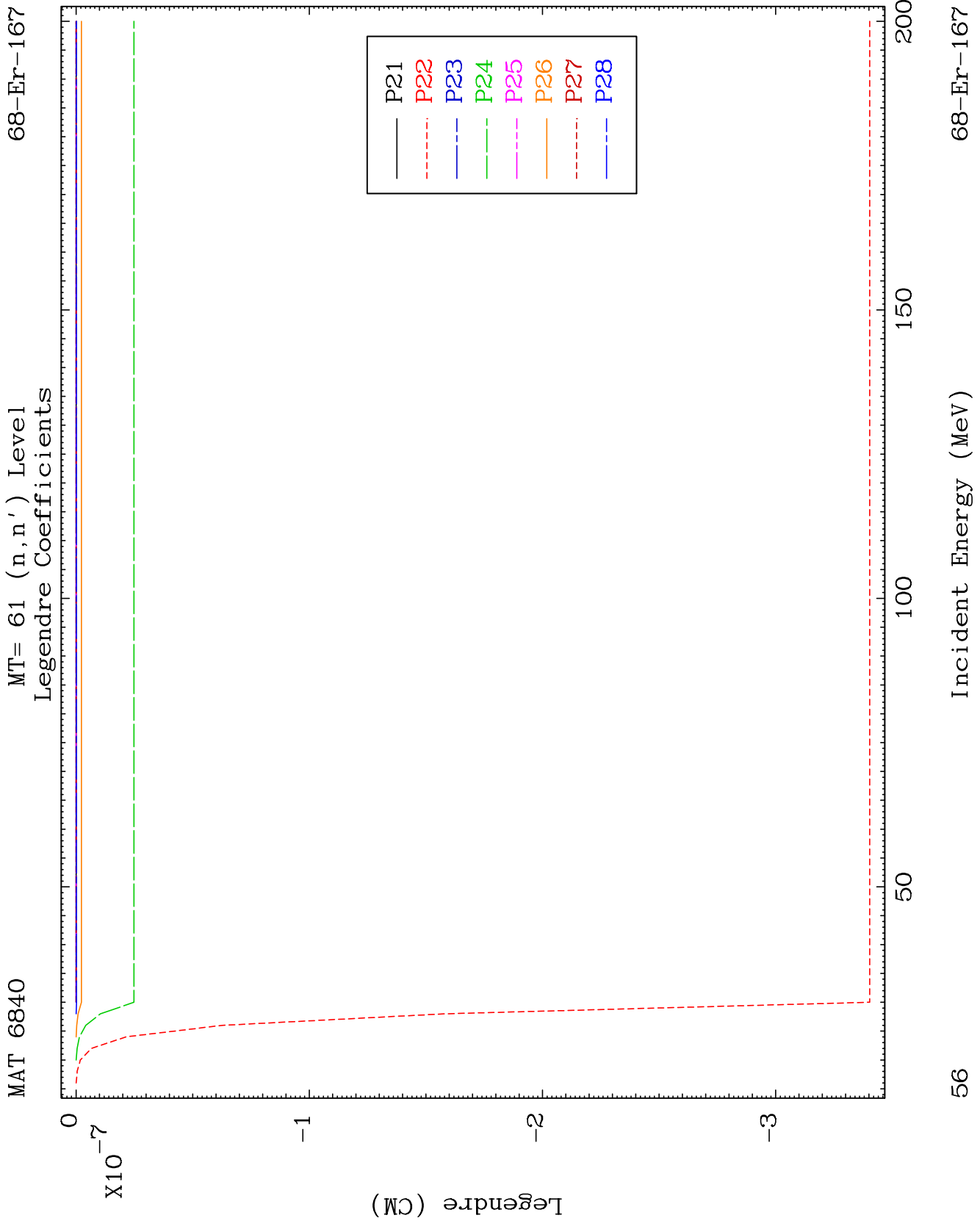


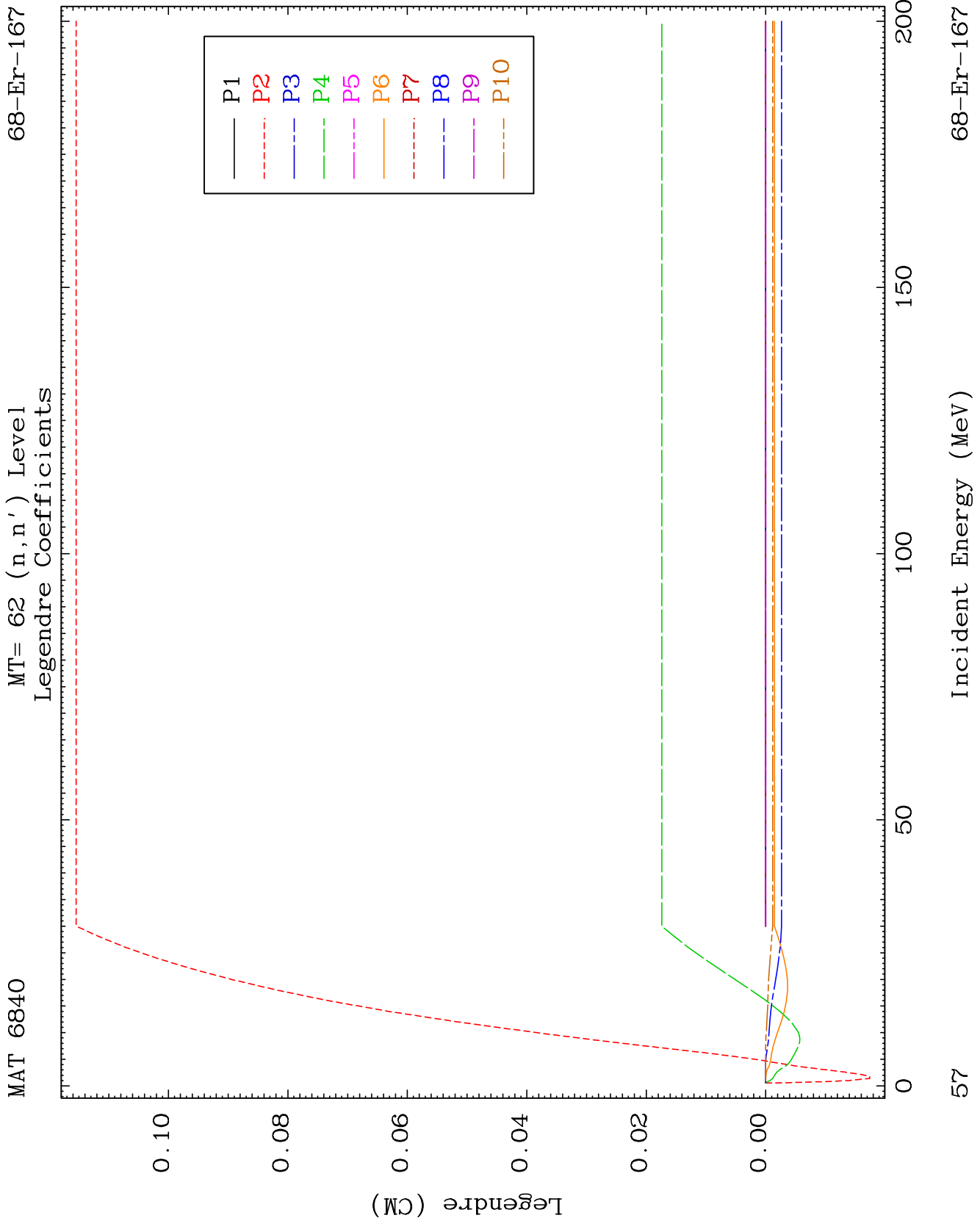
68-Er-167

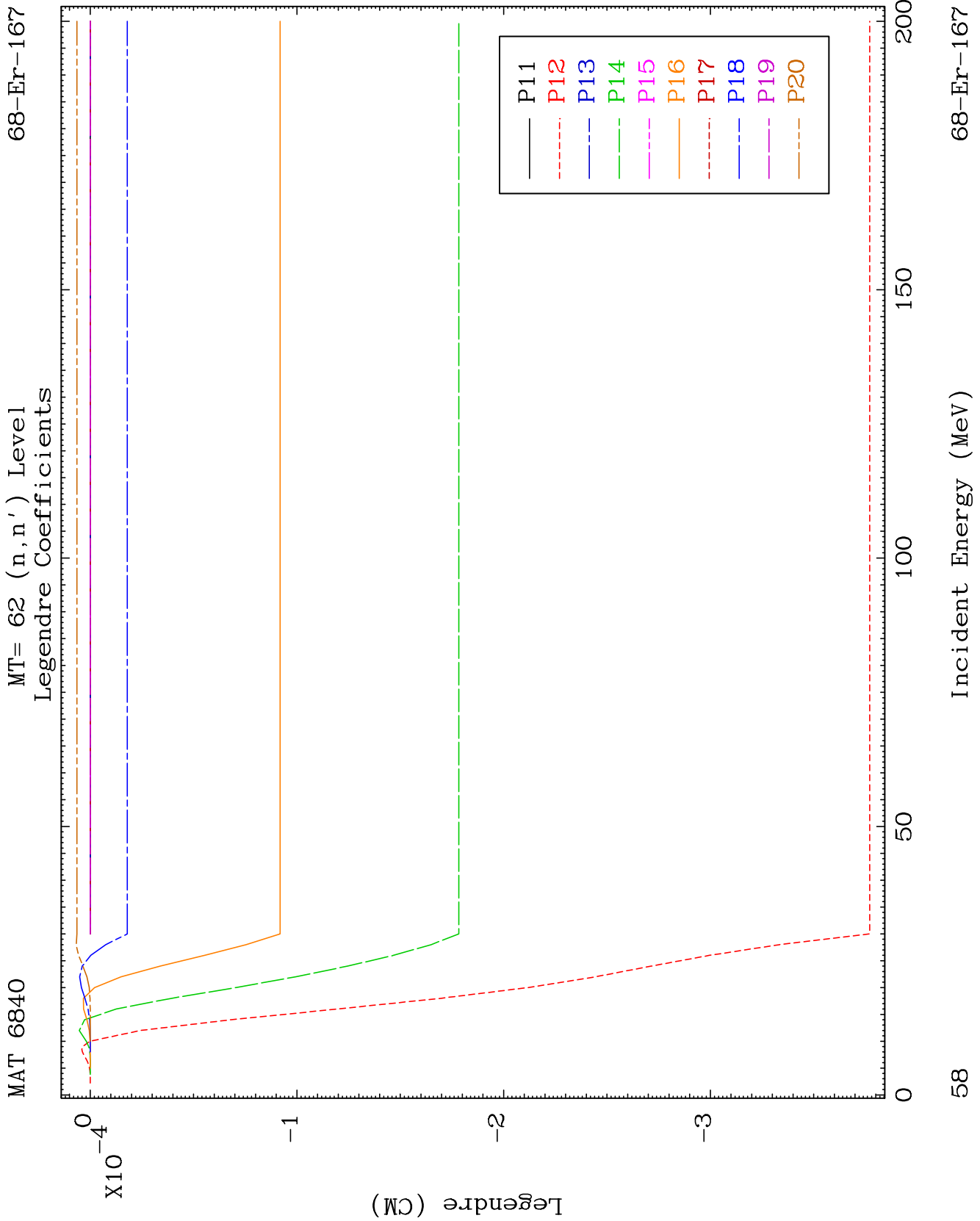
Incident Energy (MeV)

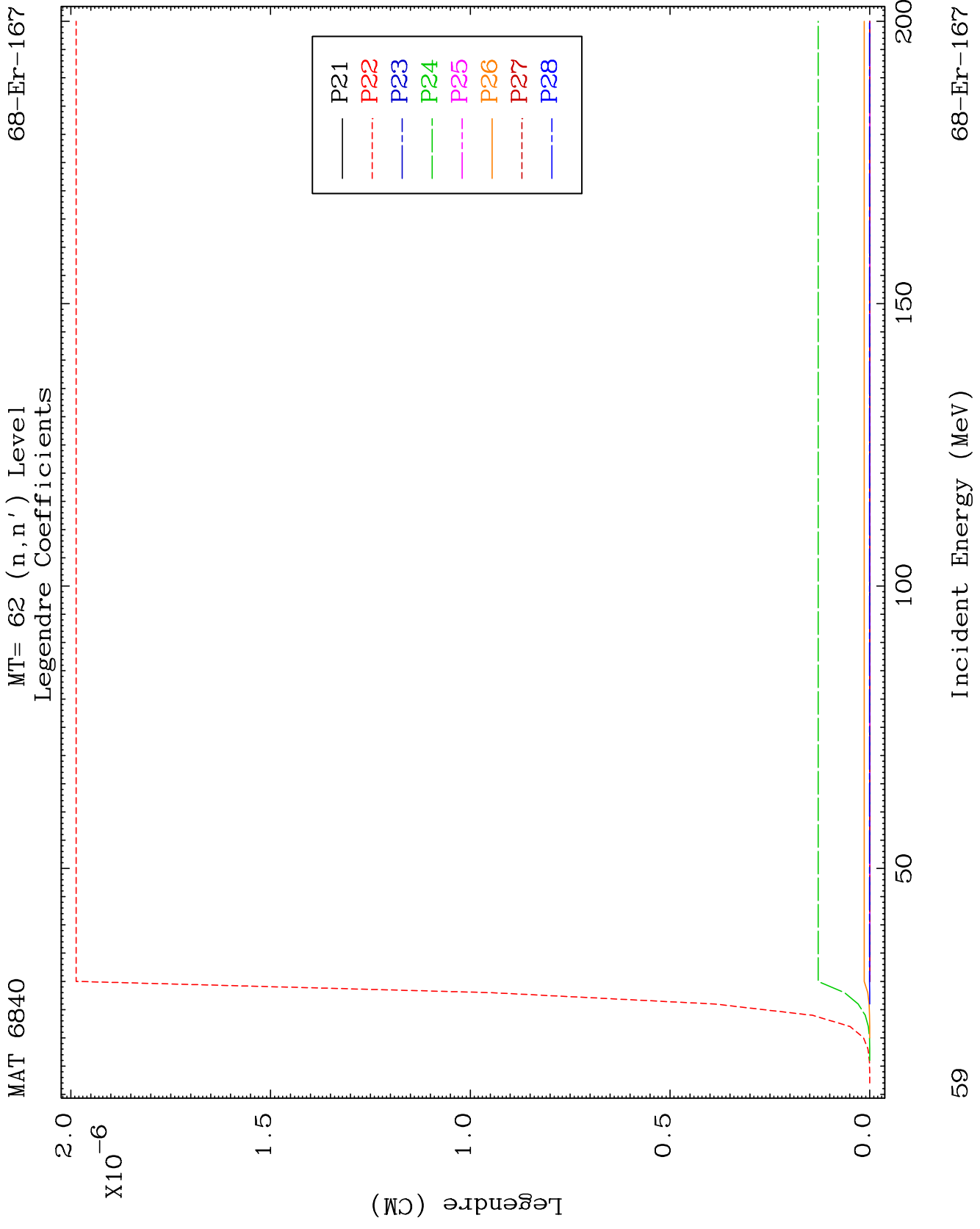
54







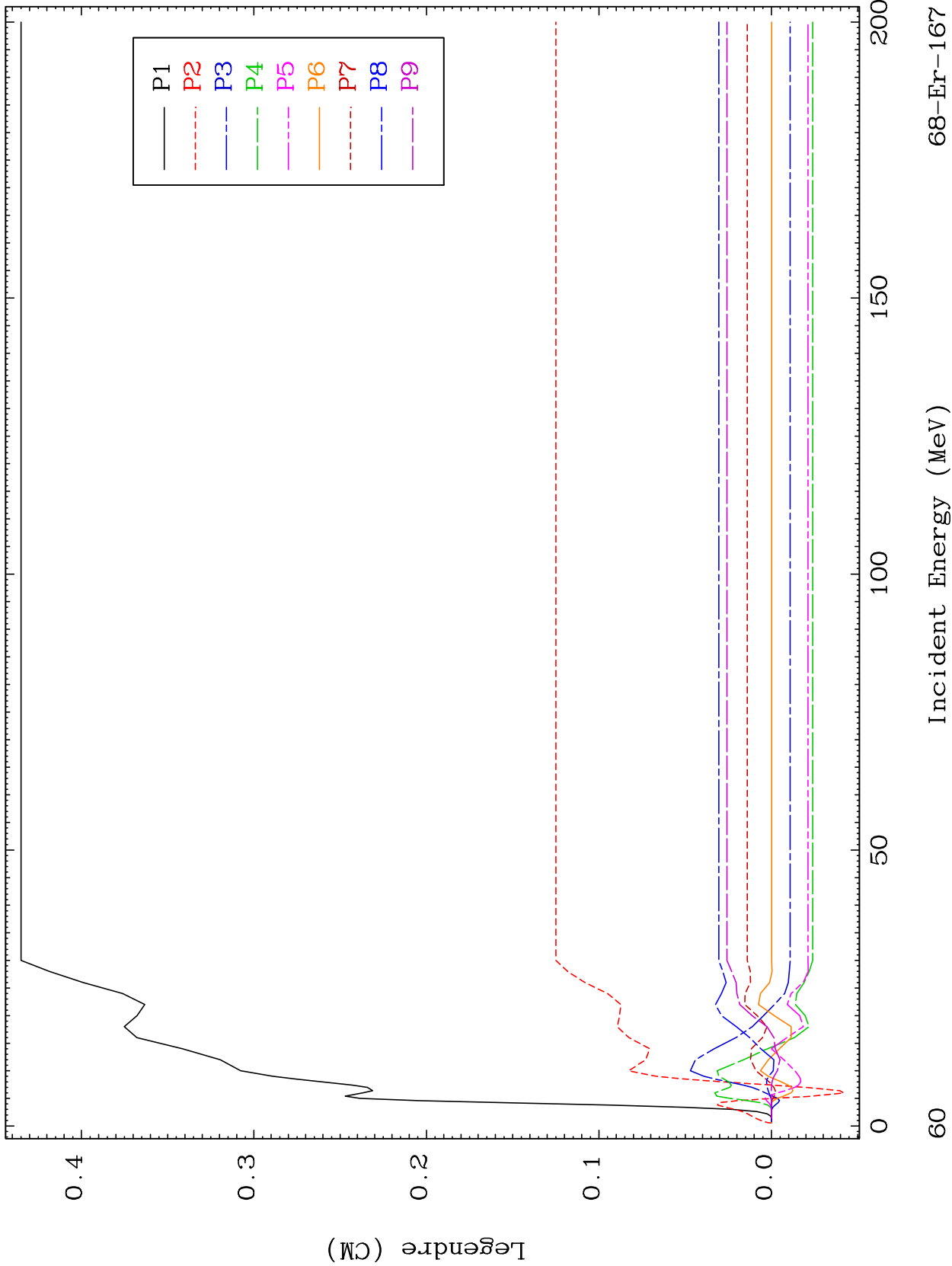




MAT 6840

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

68-Er-167



68-Er-167

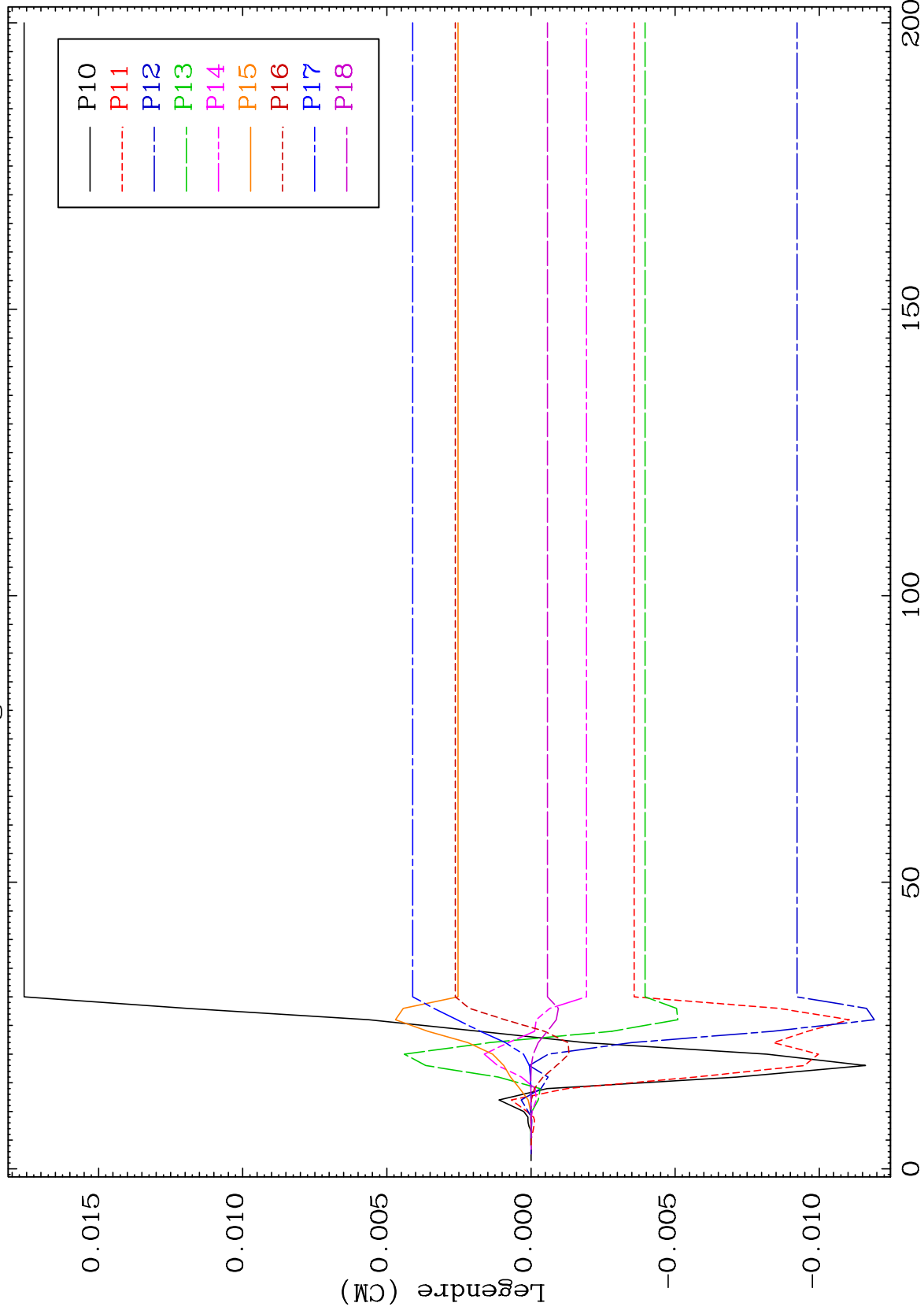
Incident Energy (MeV)

60

MAT 6840

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

68-Er-167



61

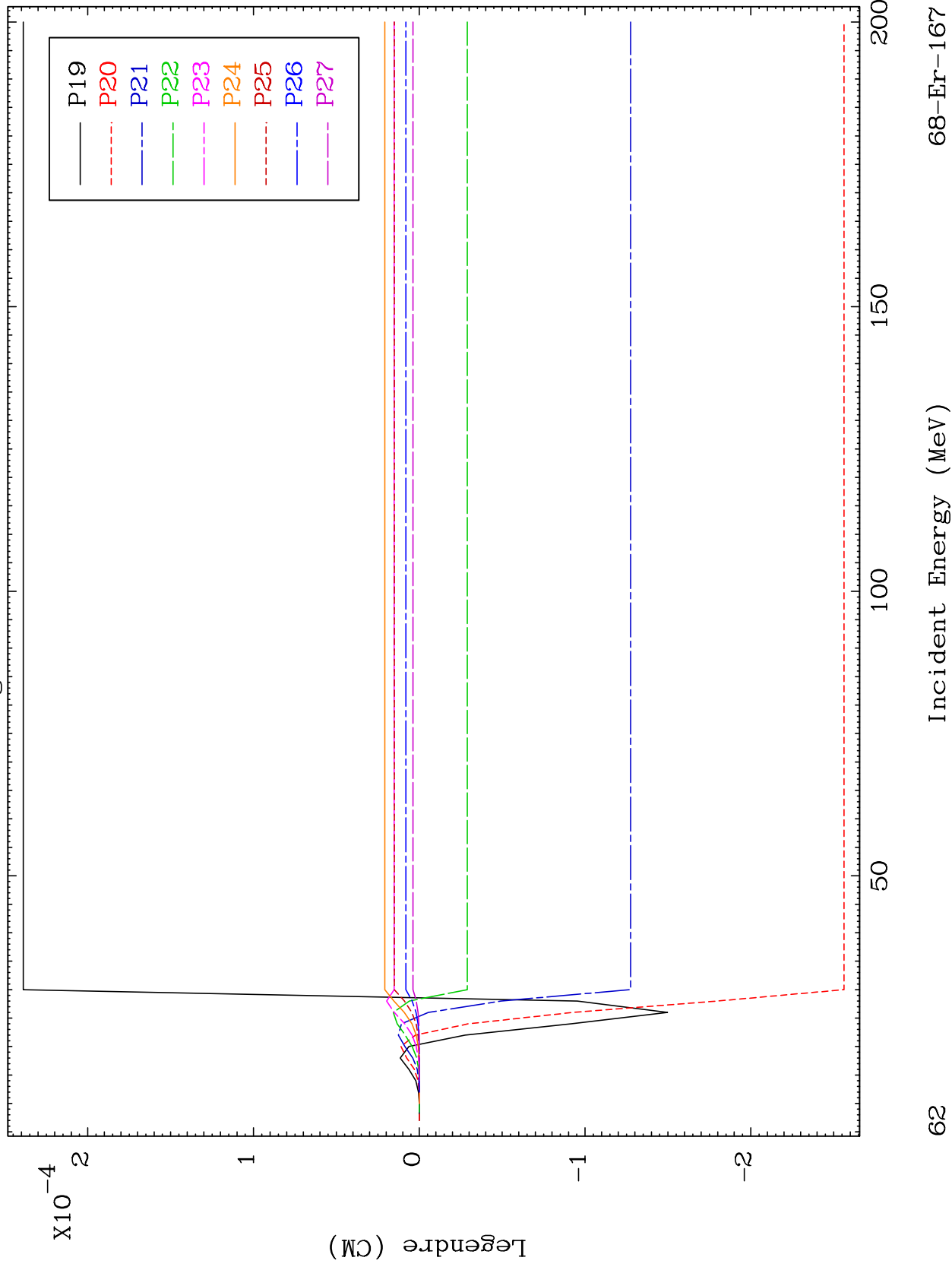
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



62

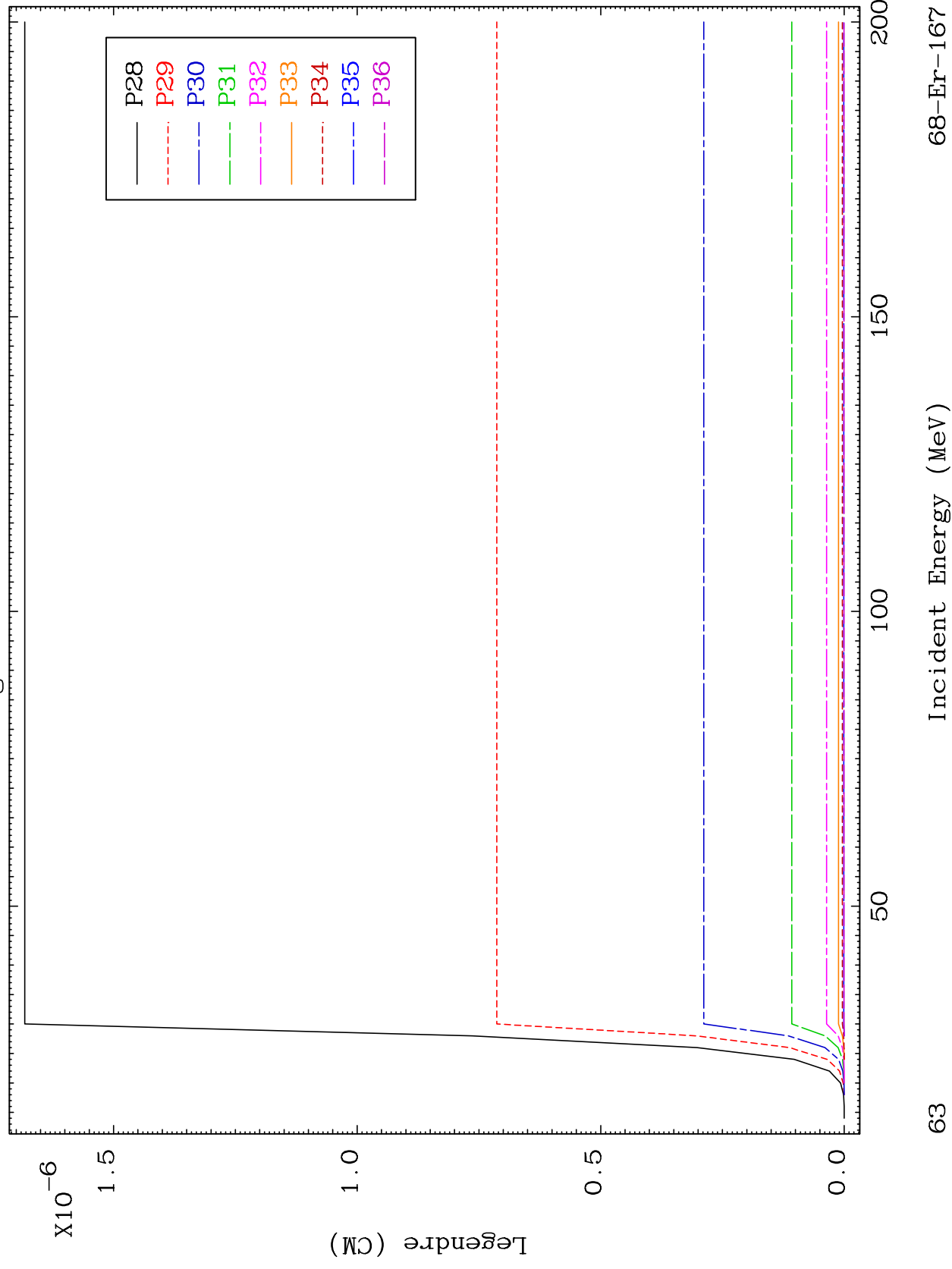
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



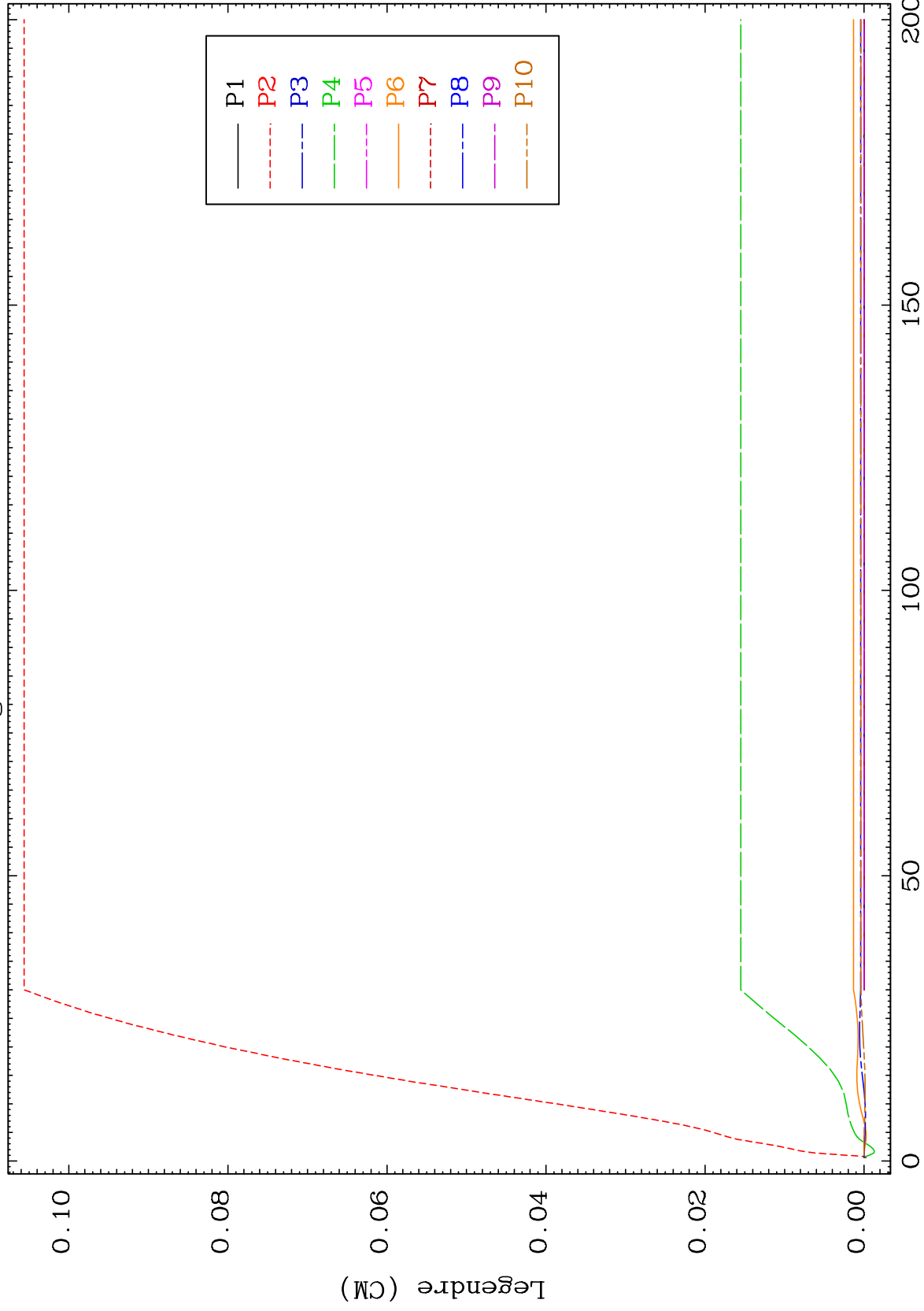
63

68-Er-167

MAT 6840

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

68-Er-167



68-Er-167

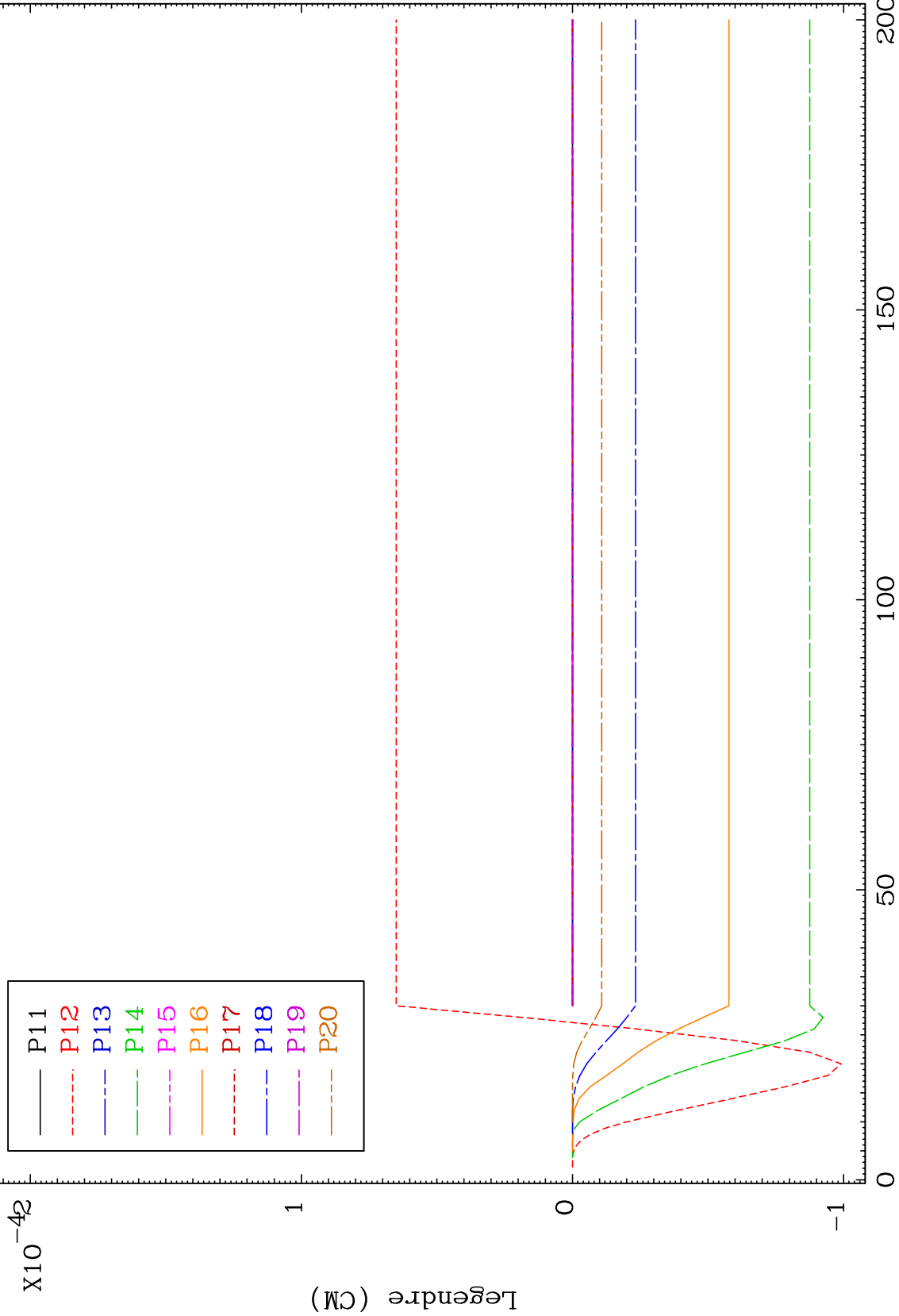
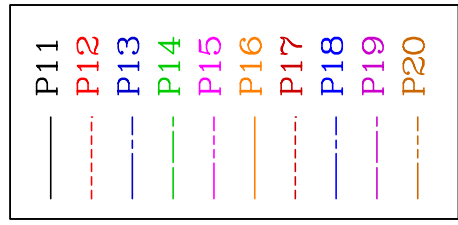
Incident Energy (MeV)

64

MAT 6840

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

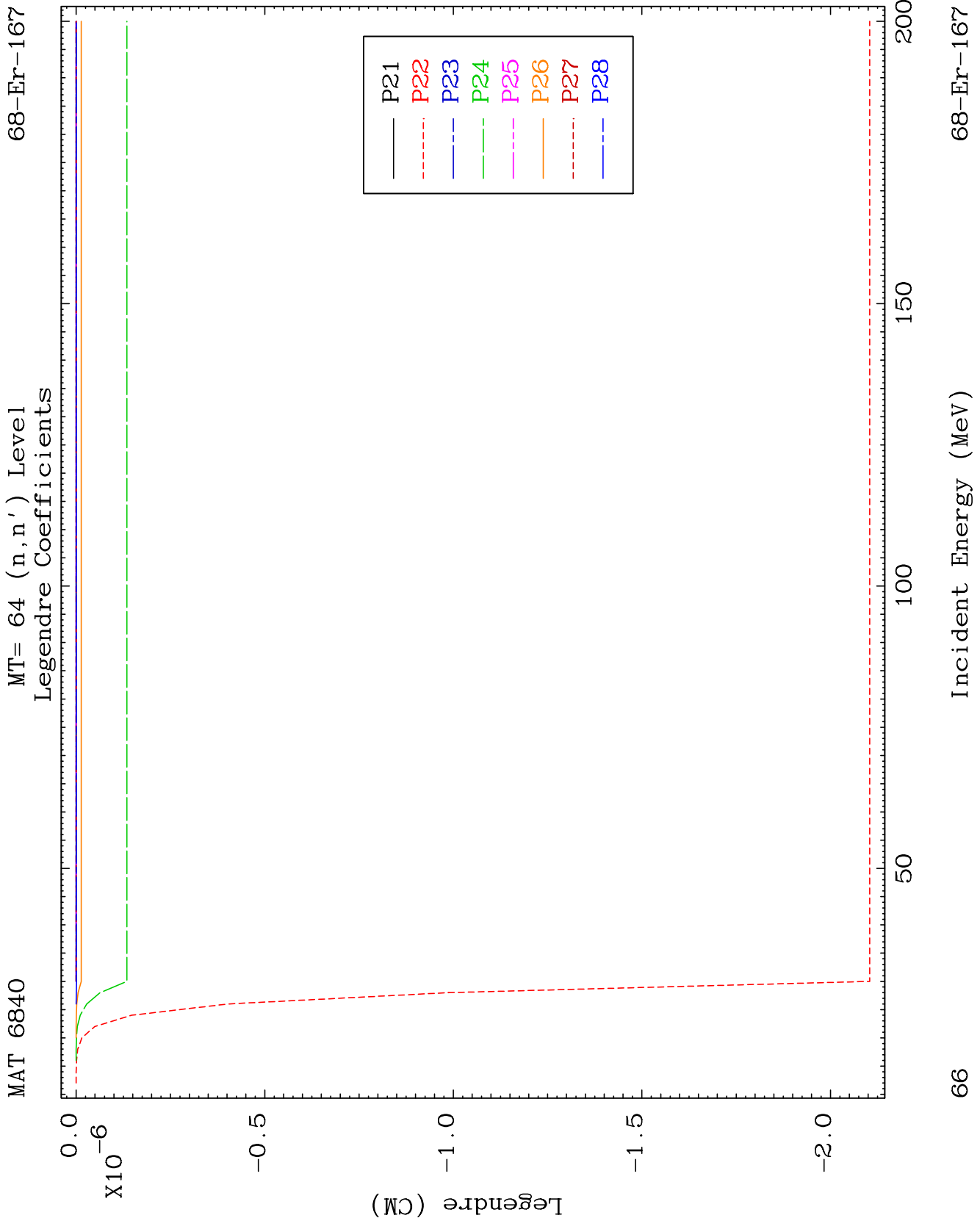
68-Er-167



65

Incident Energy (MeV)

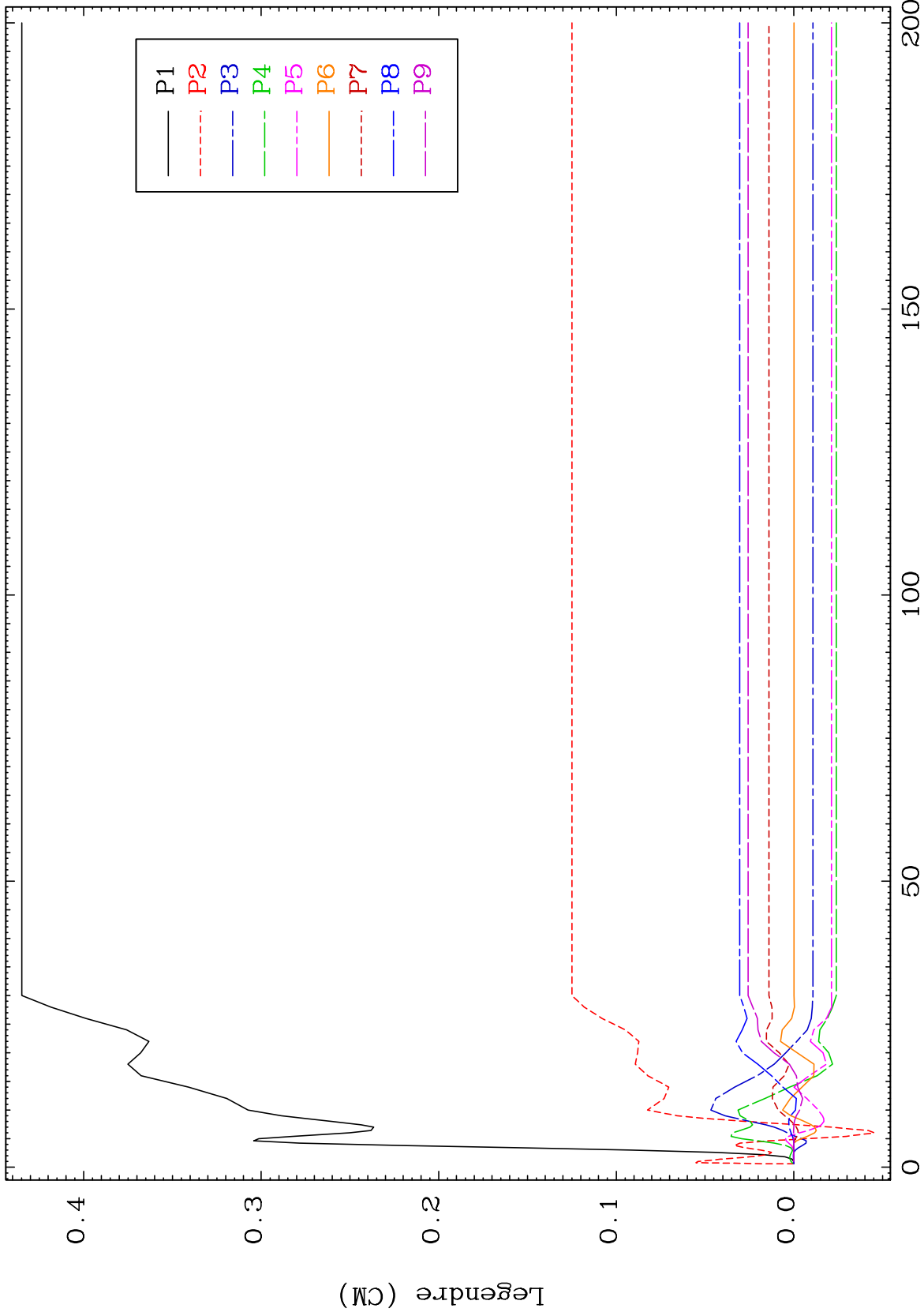
68-Er-167



MAT 6840

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

68-Er-167



67

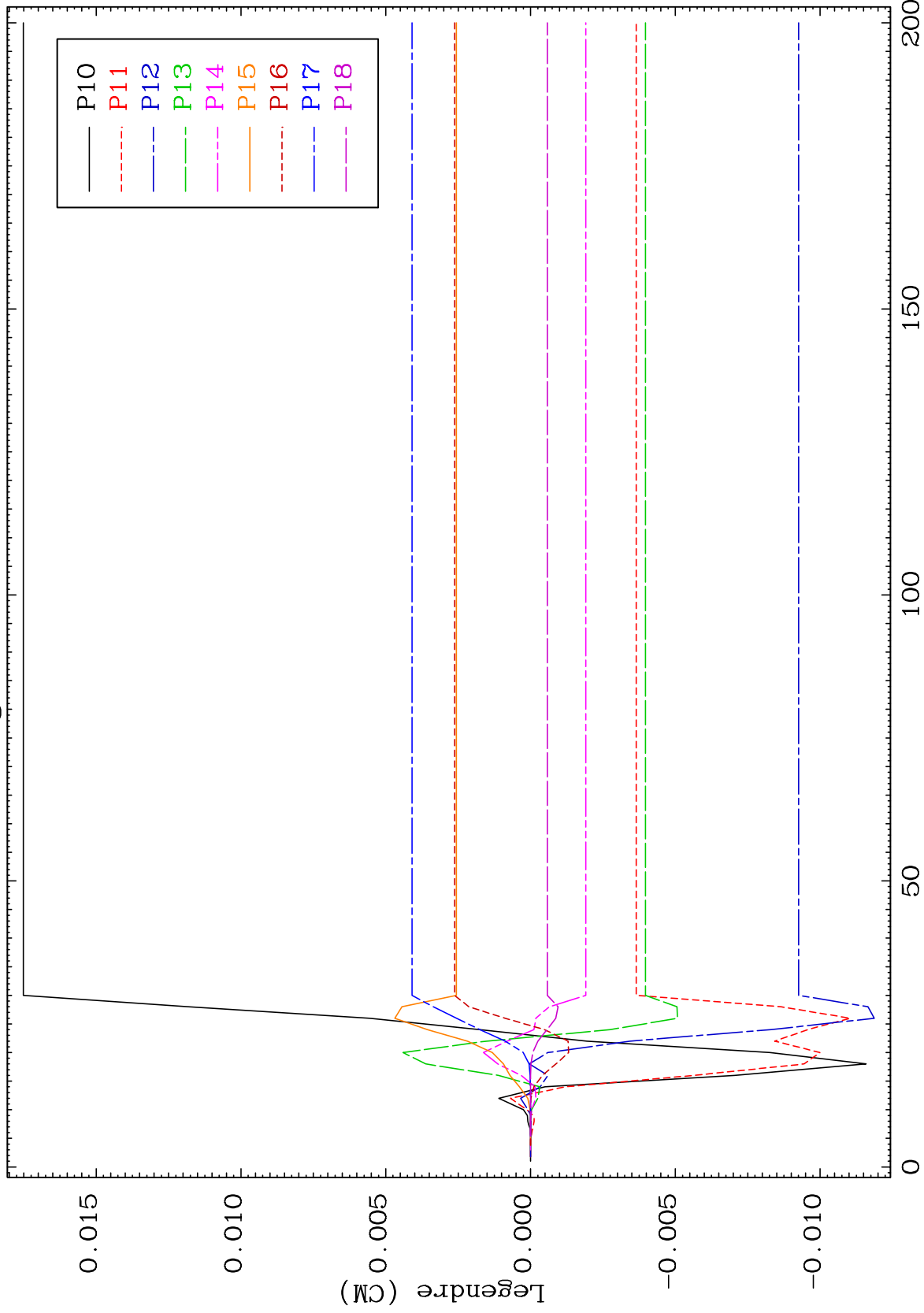
Incident Energy (MeV)

68-Er-167

MAT 6840

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

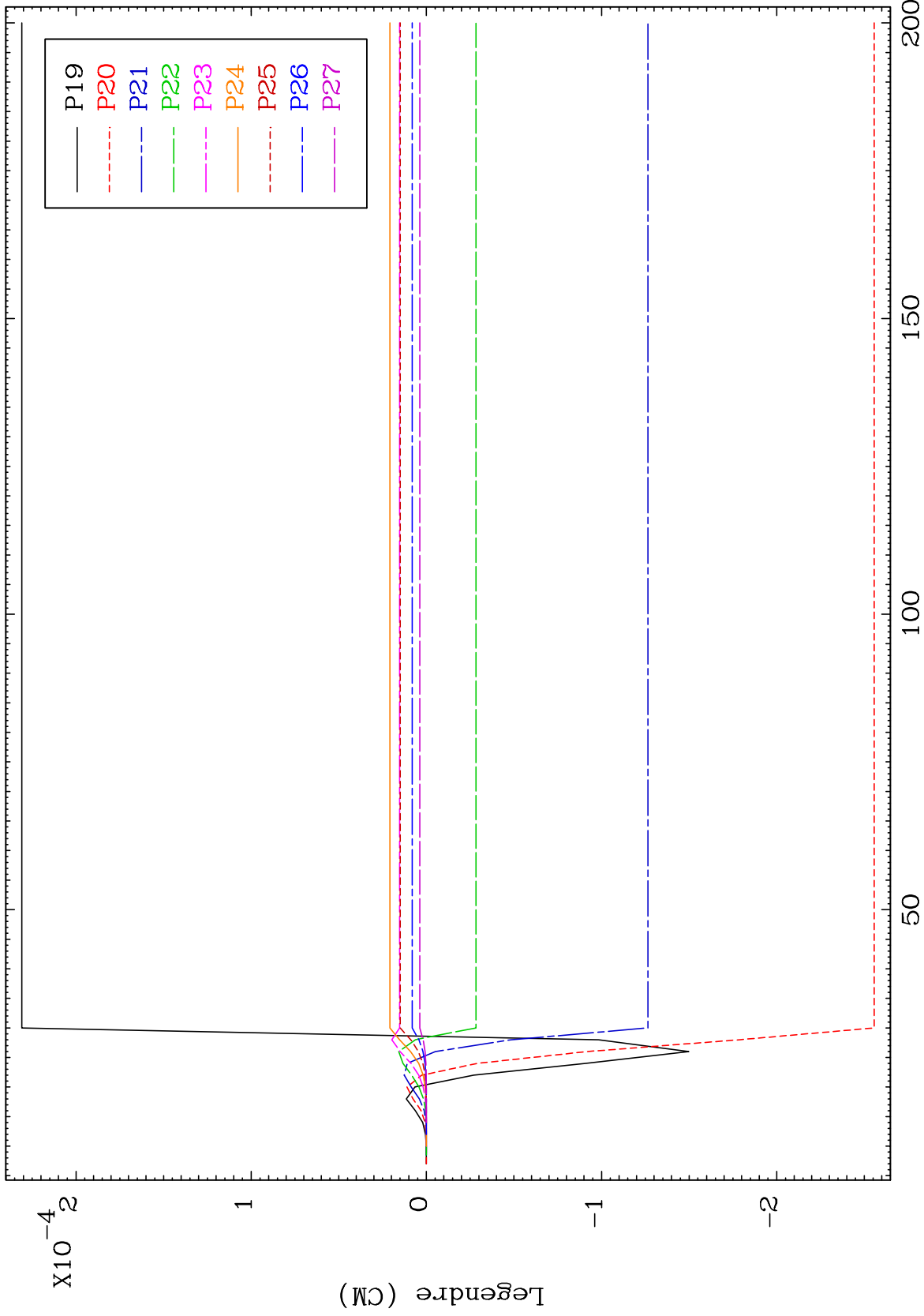
68-Er-167



68

Incident Energy (MeV)

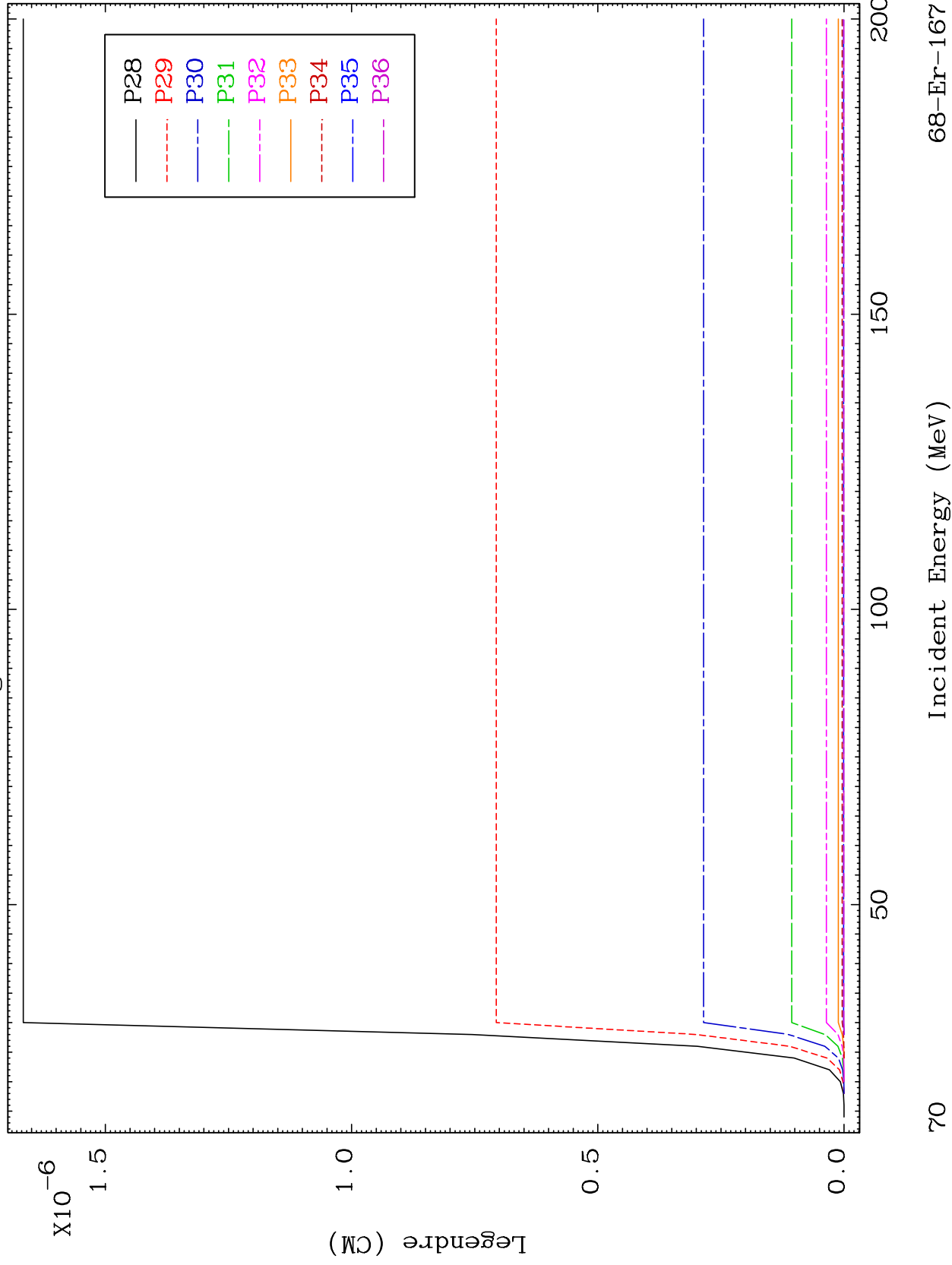
68-Er-167



MAT 6840

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

68-Er-167



70

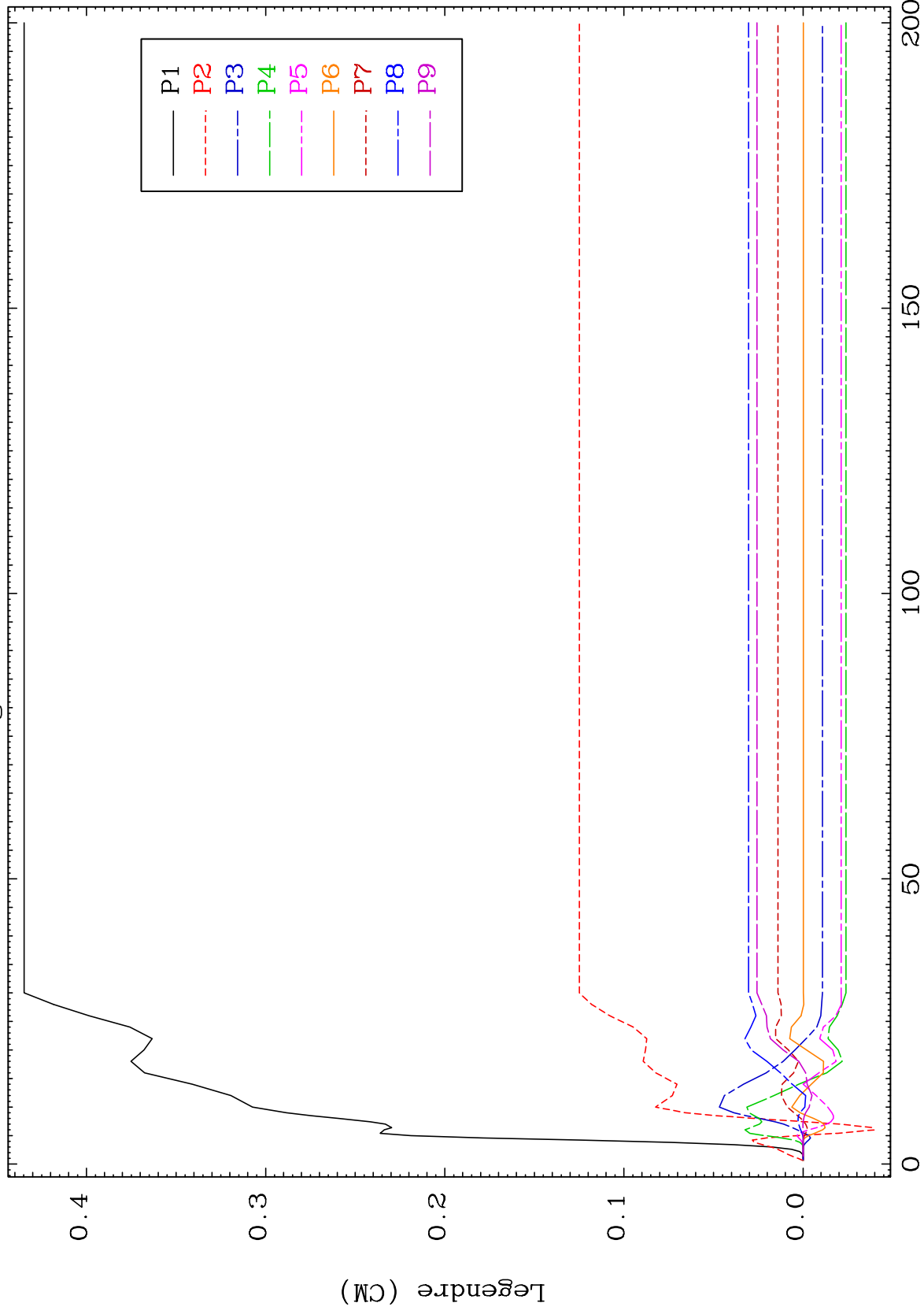
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



71

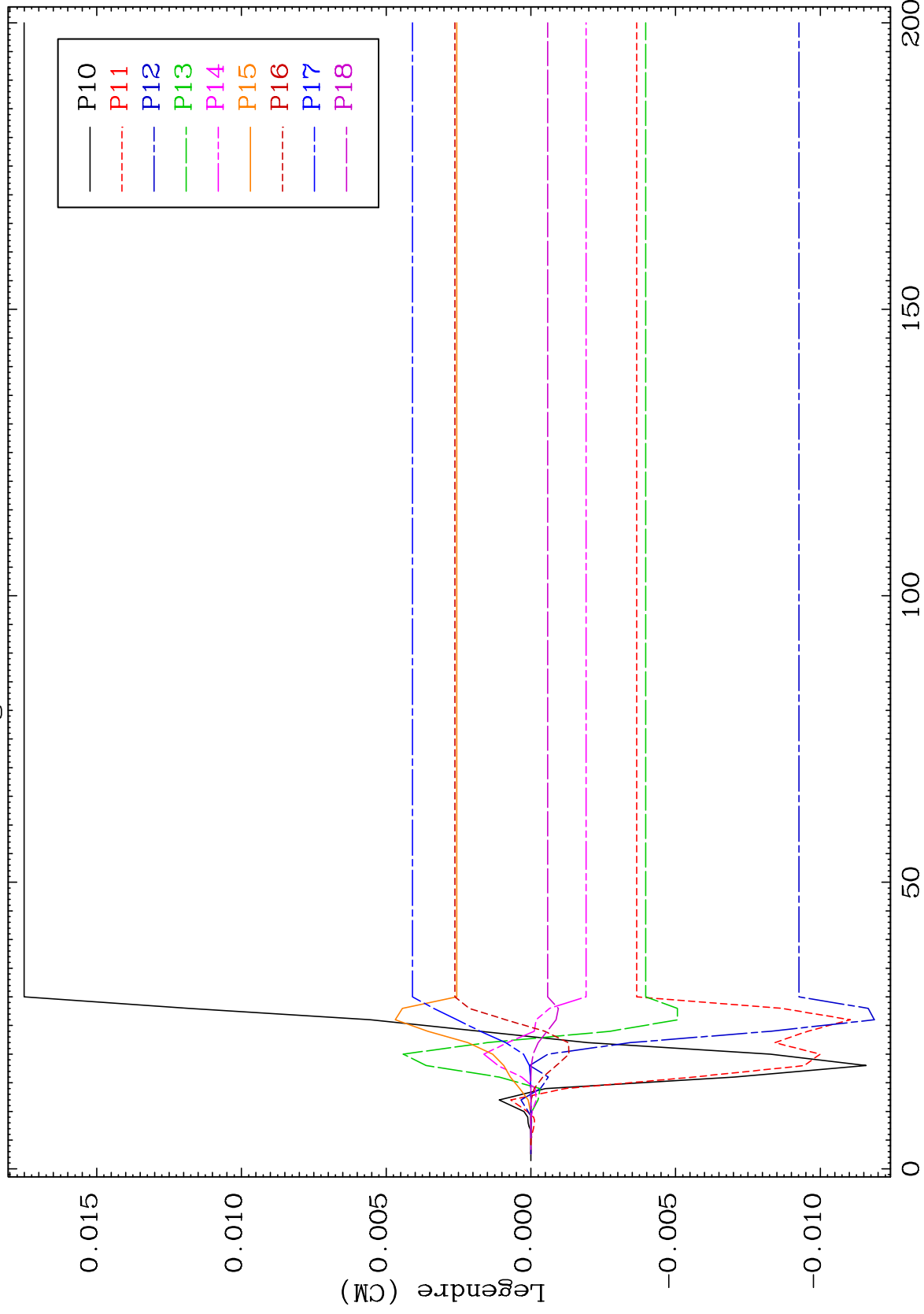
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



72

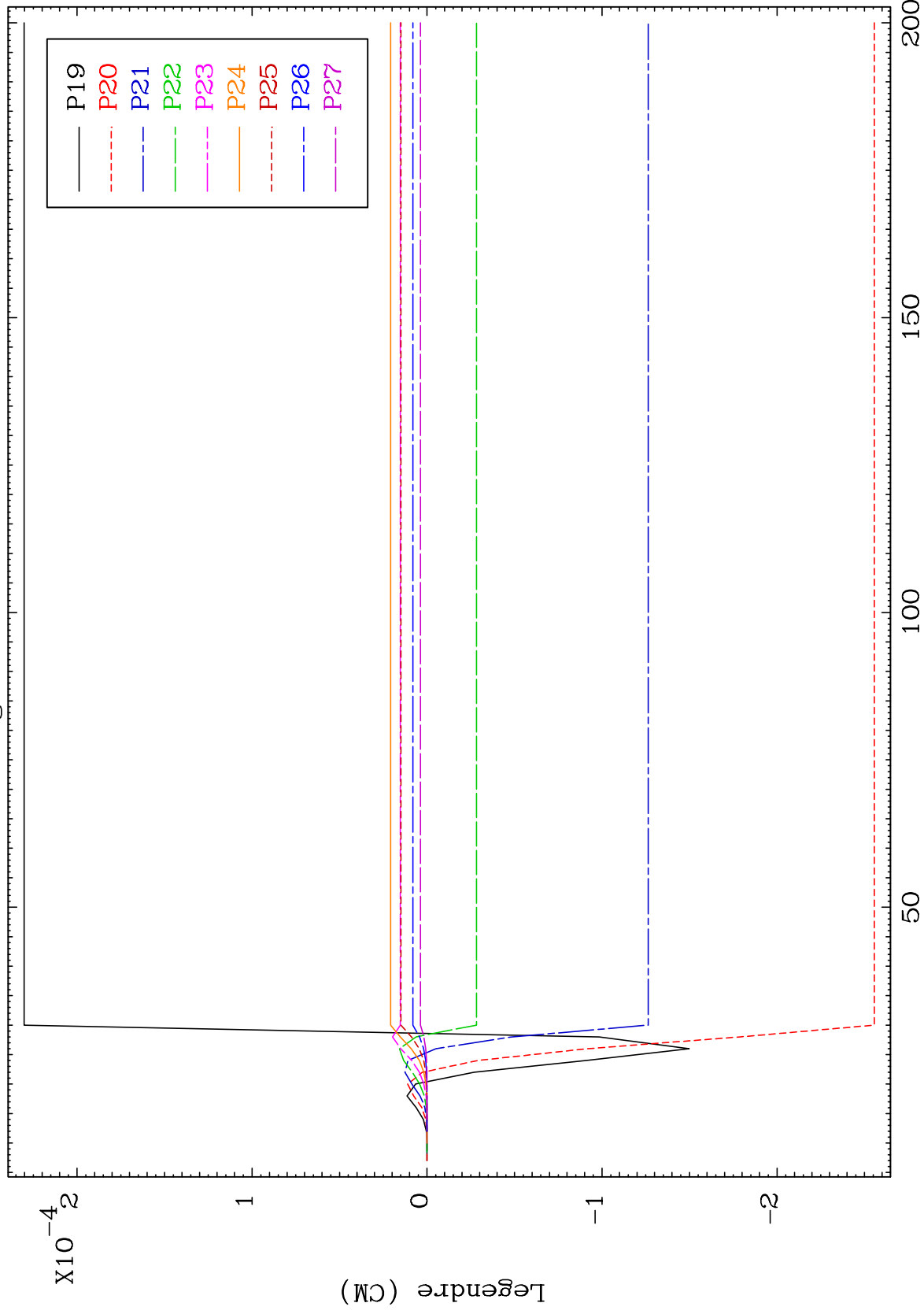
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



73

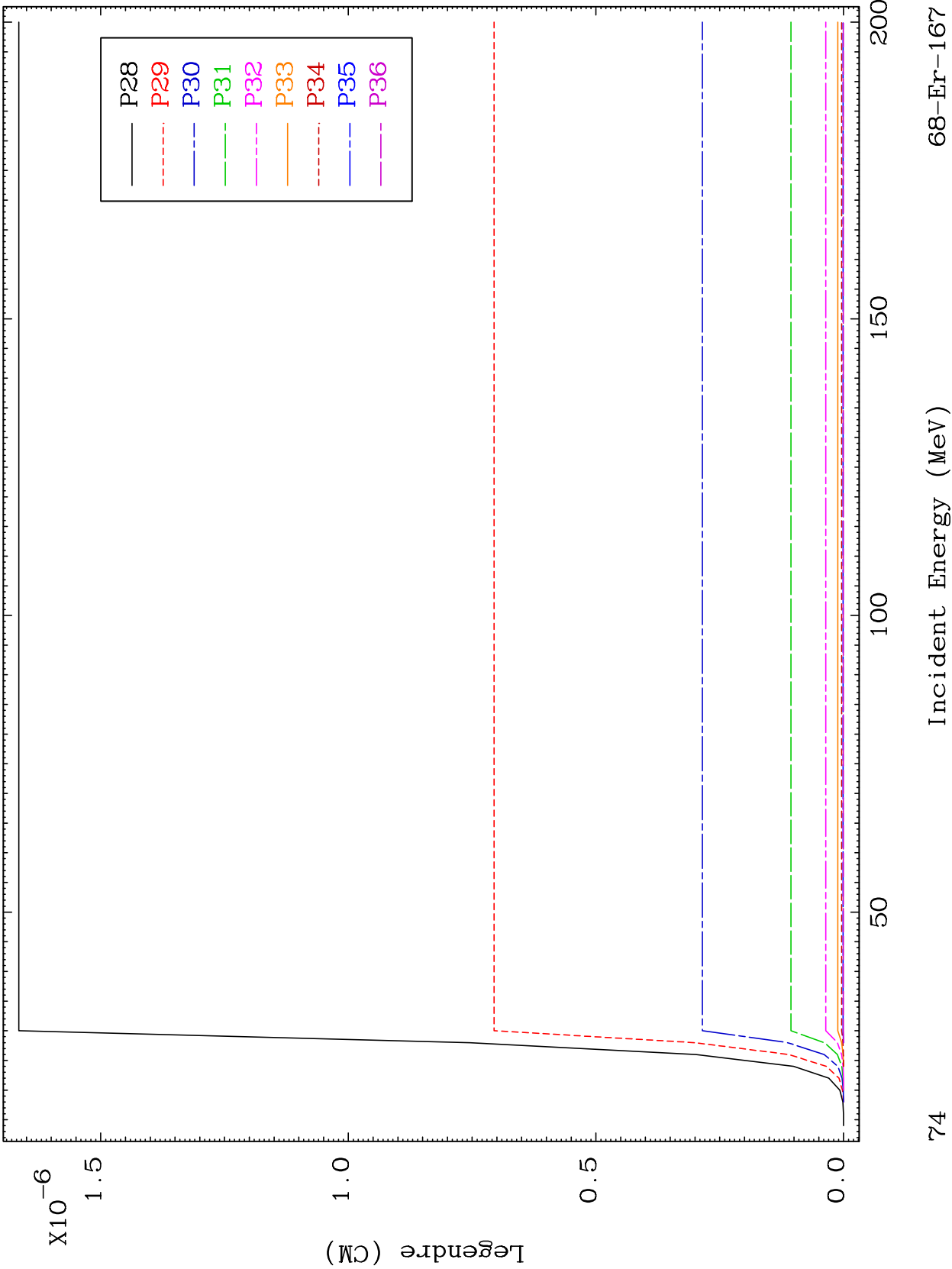
Incident Energy (MeV)

68-Er-167

MAT 6840

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

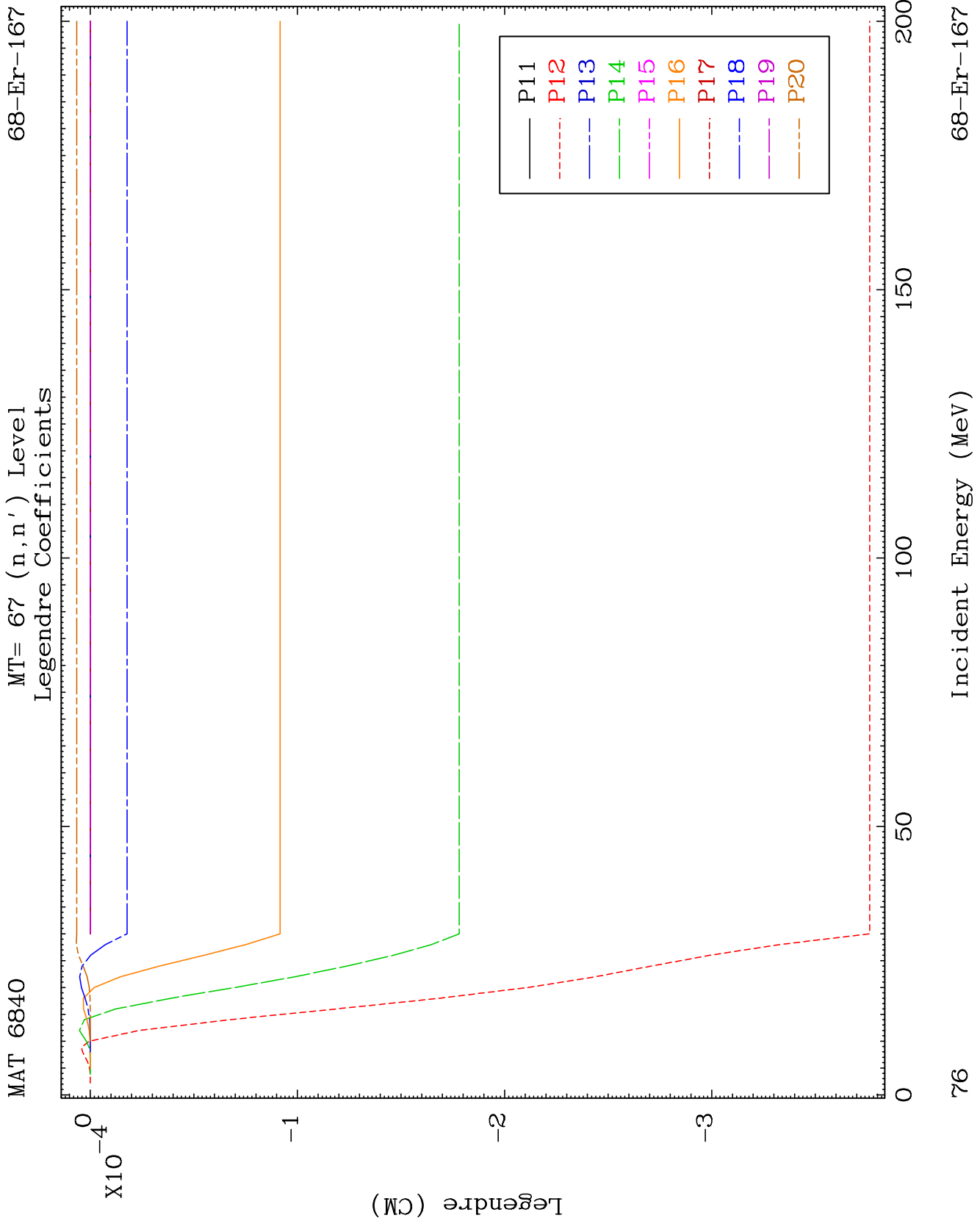
68-Er-167

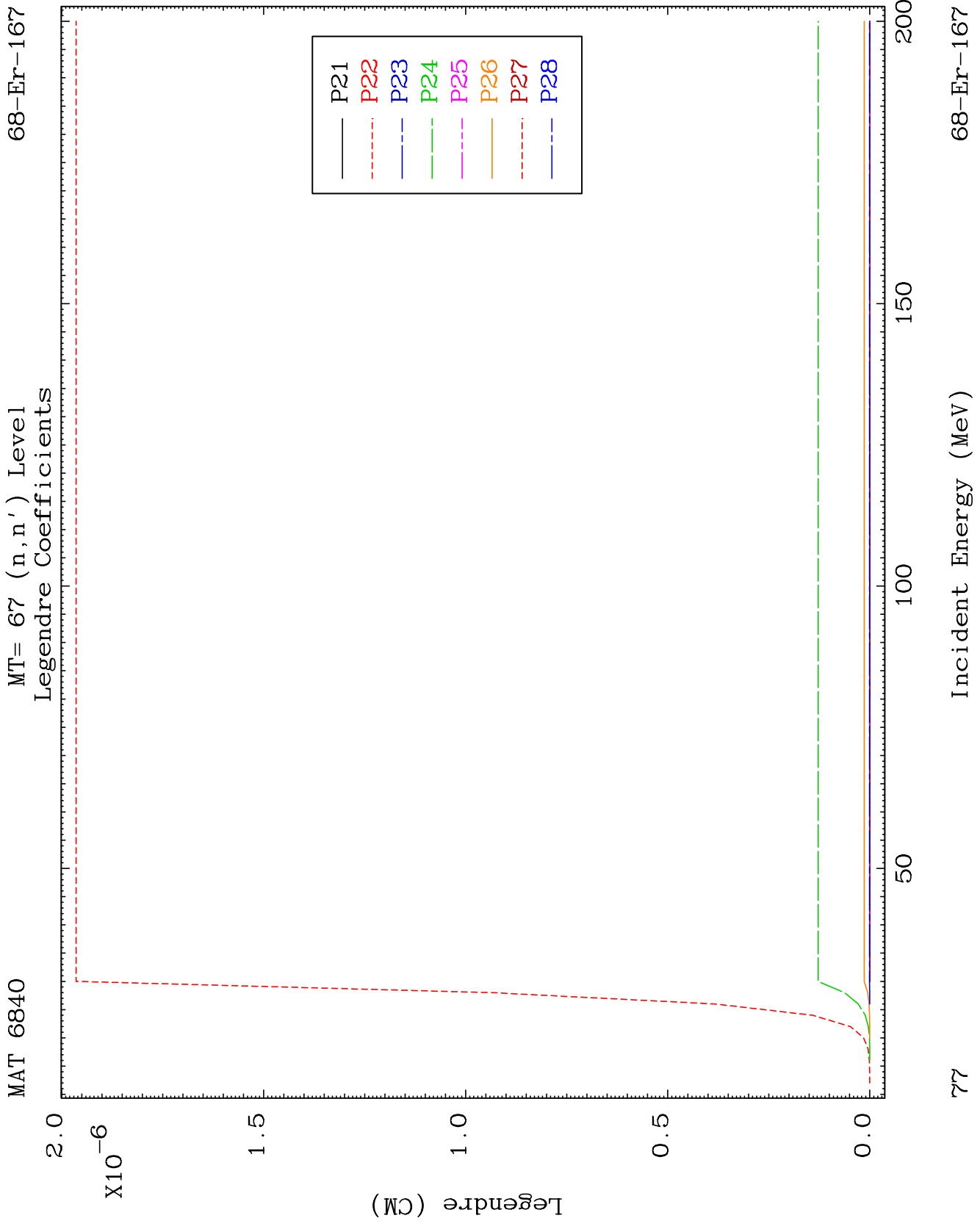


74

Incident Energy (MeV)

68-Er-167

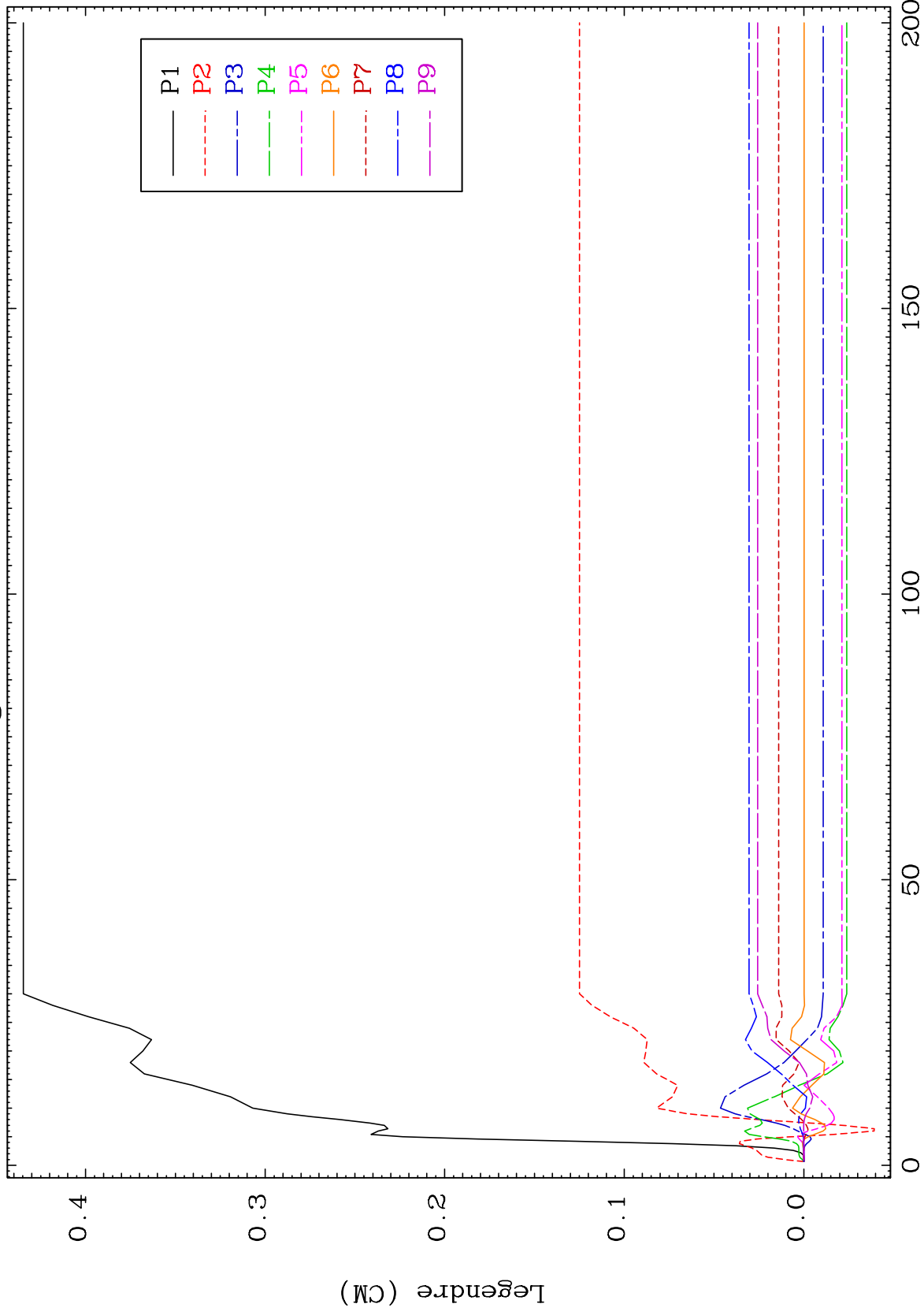




MAT 6840

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

68-Er-167



78

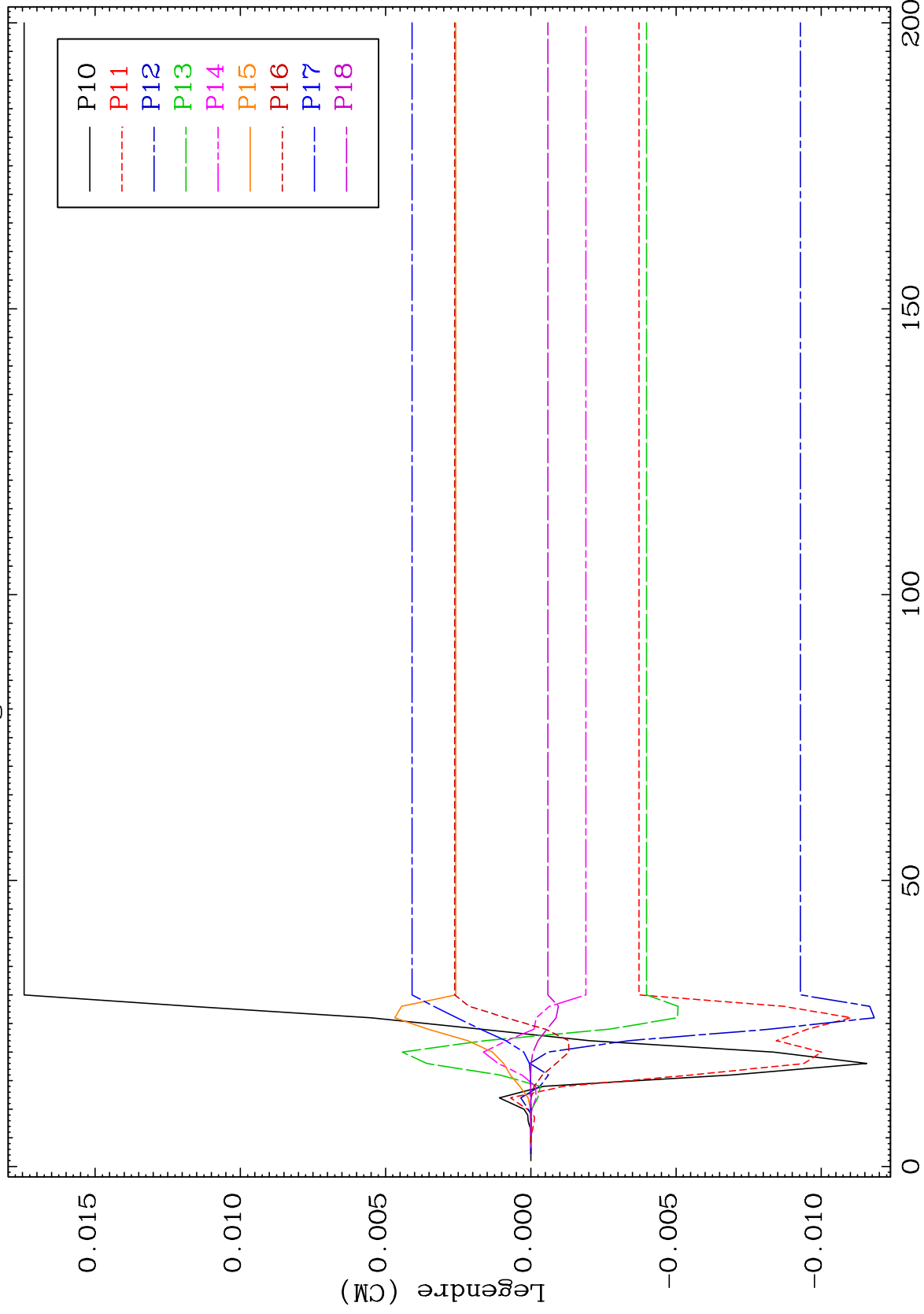
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



79

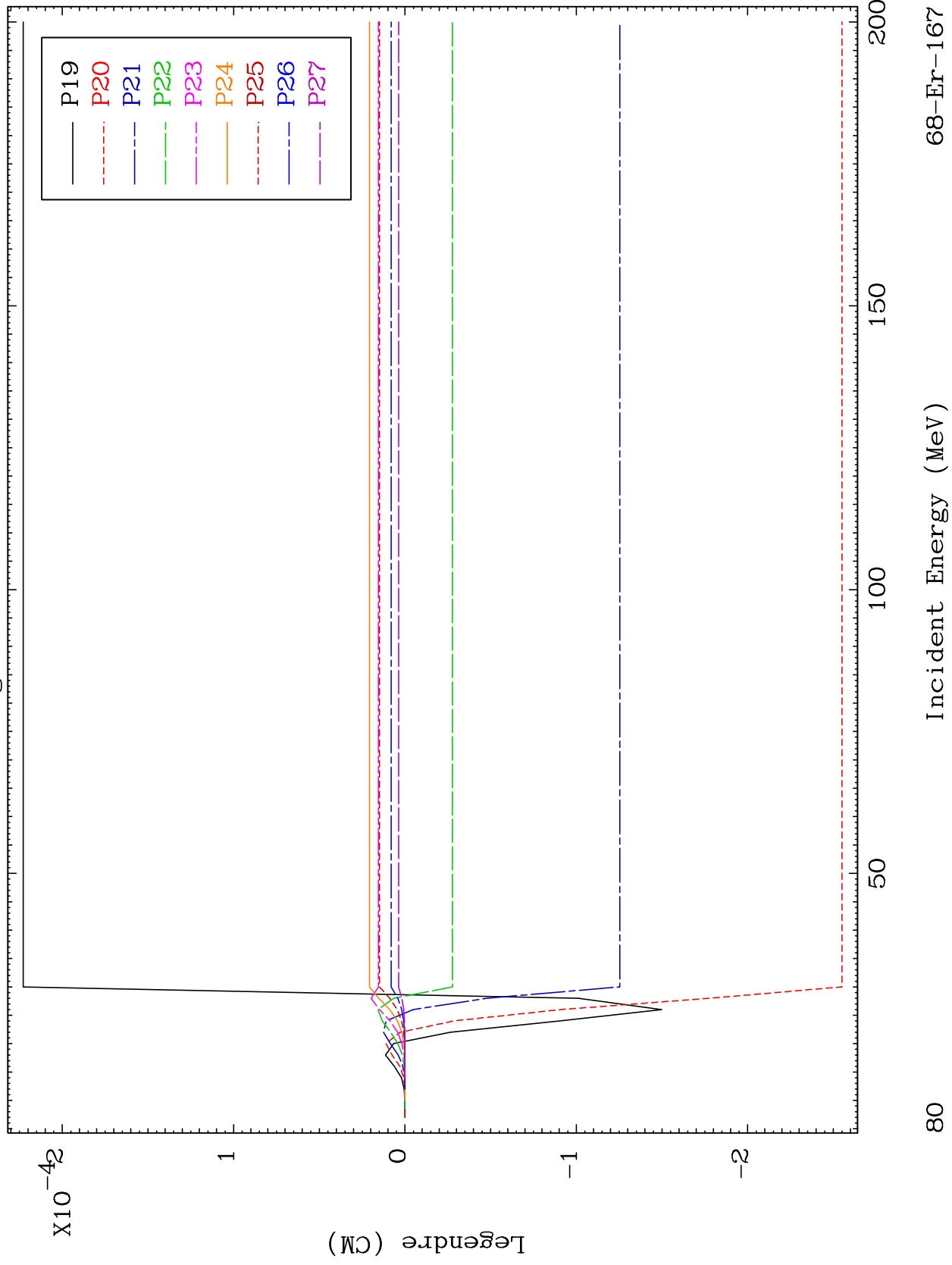
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



MAT 6840

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

68-Er-167

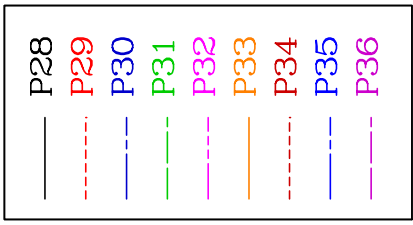
$\times 10^{-6}$
1.5

Legendre (CM)

1.0

0.5

0.0



200

150

100

50

81

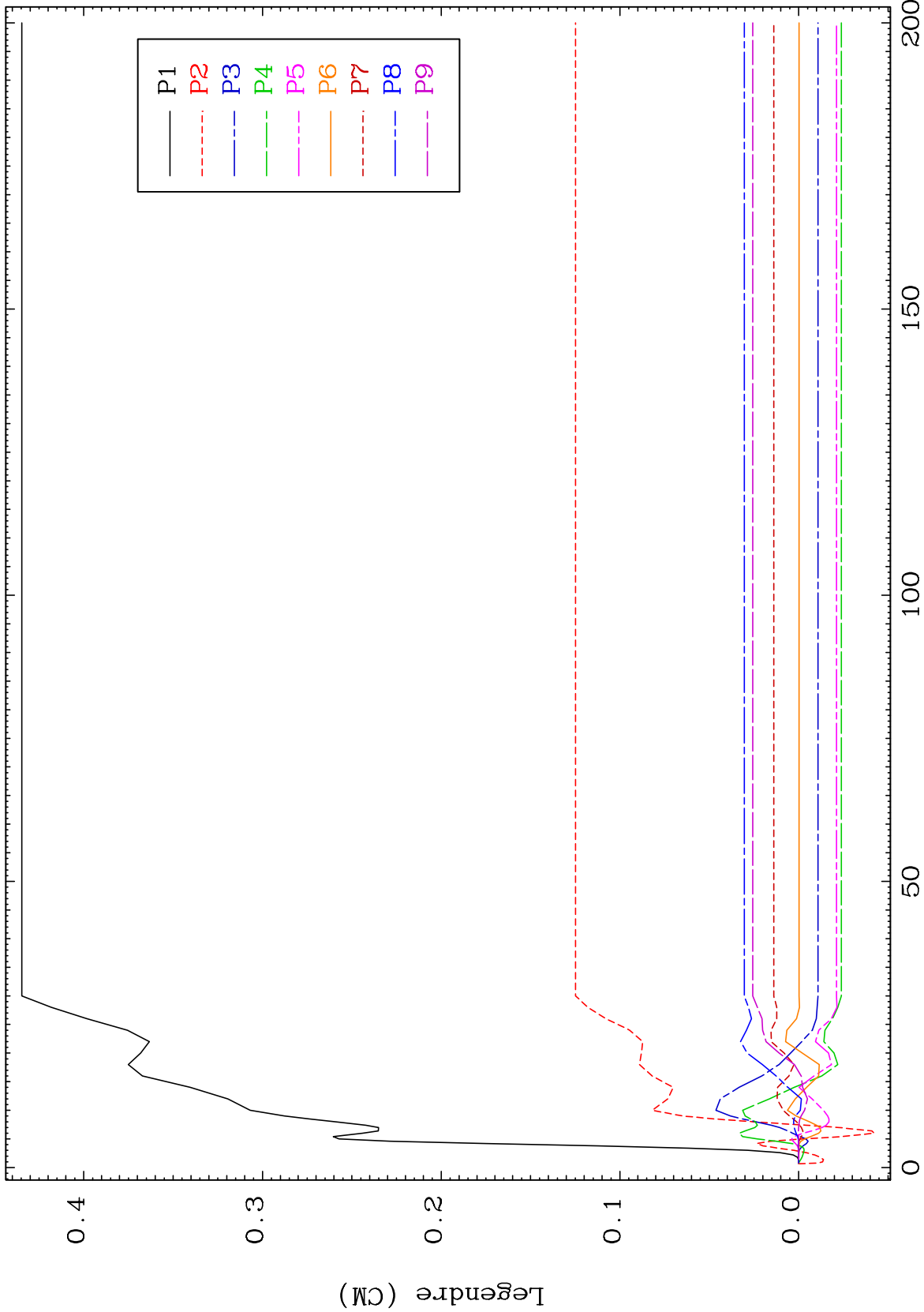
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



82

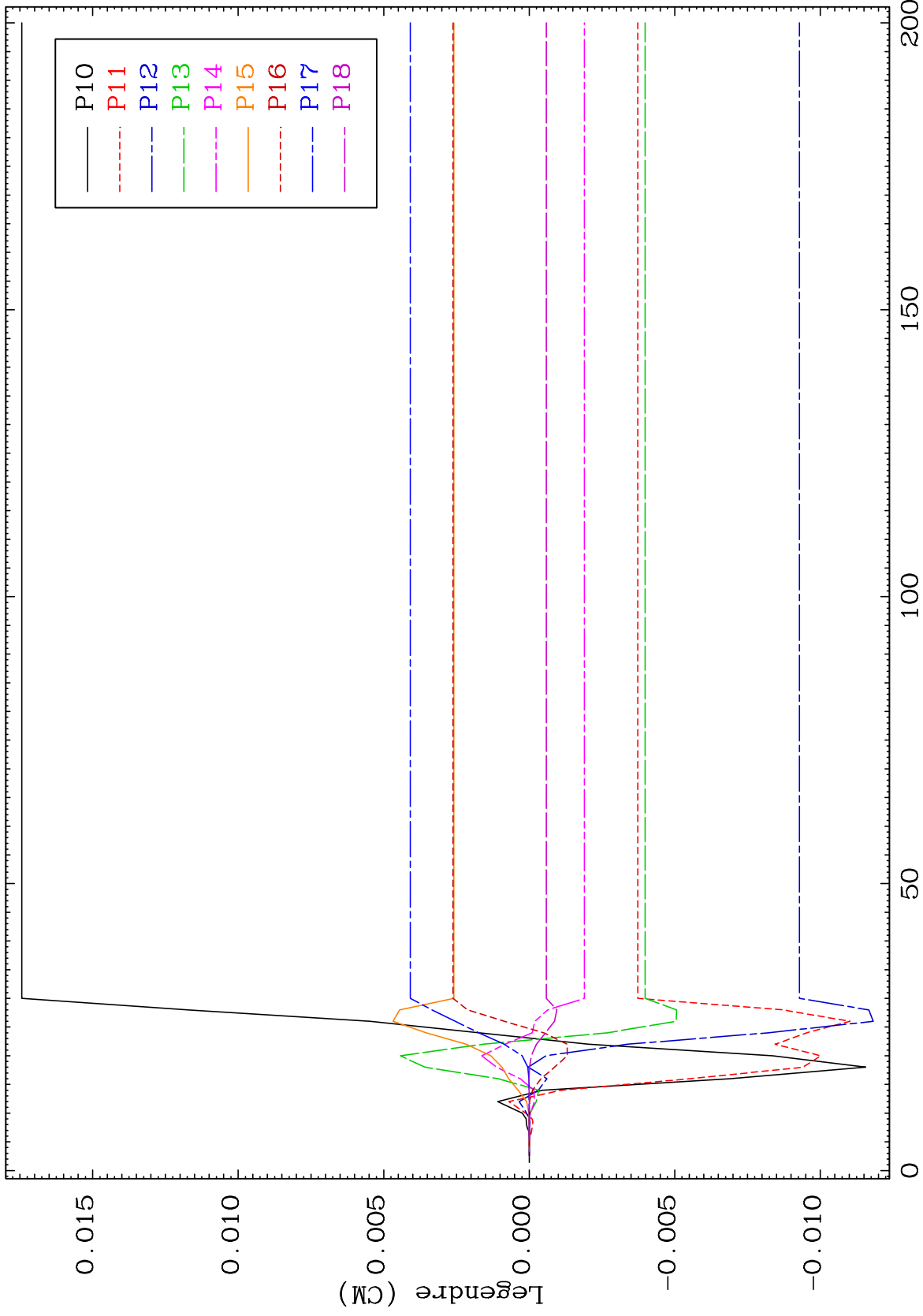
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



83

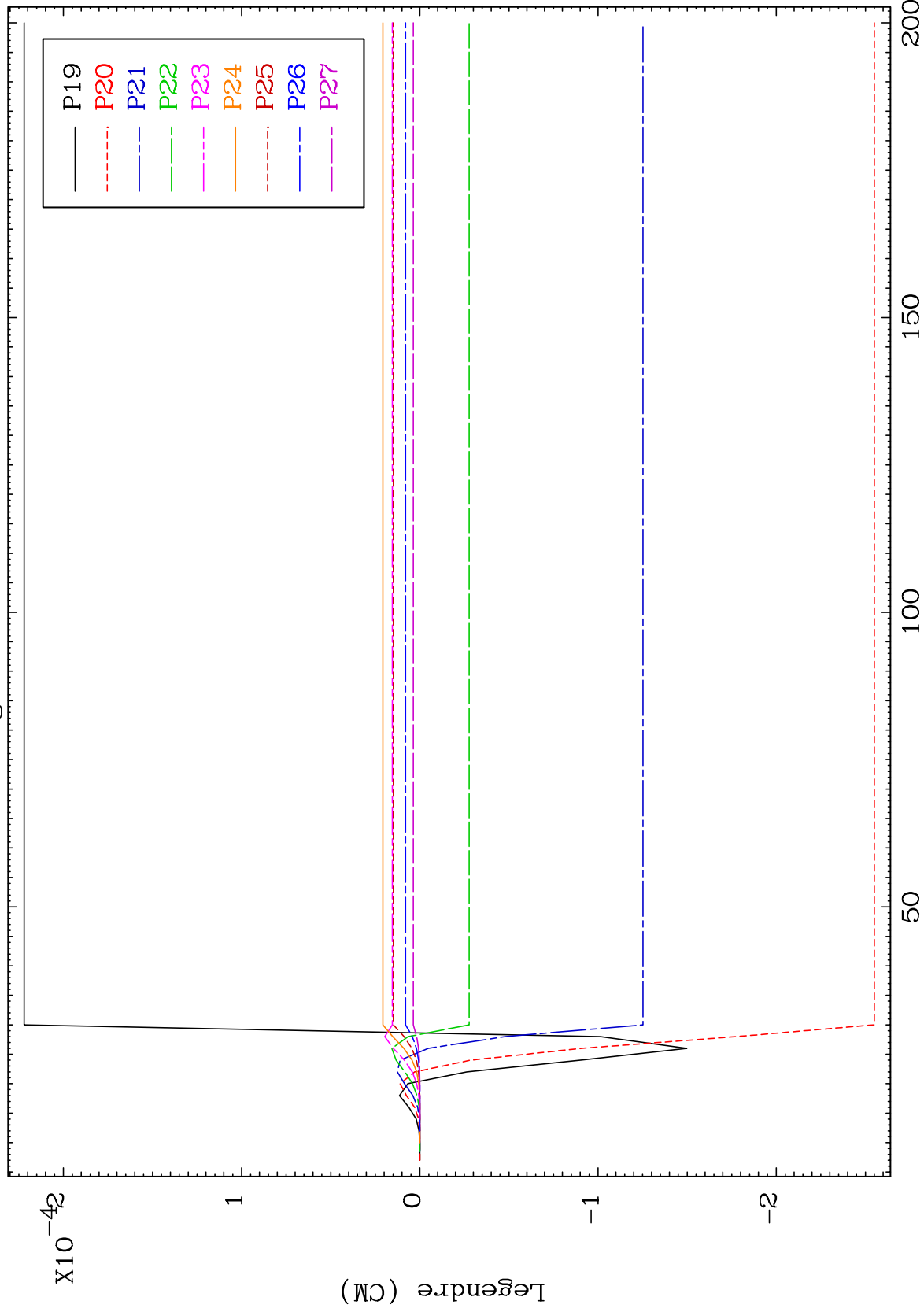
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



84

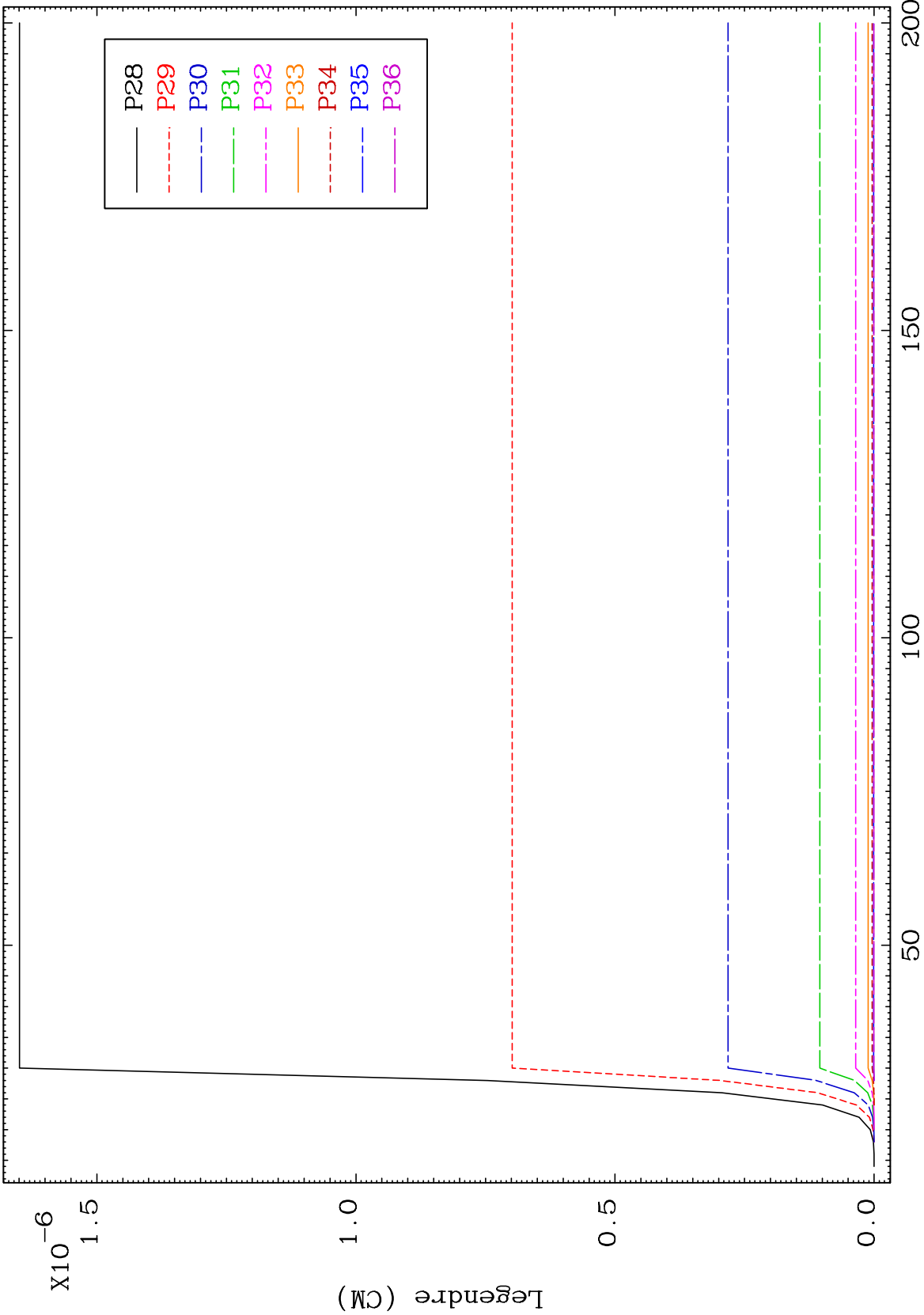
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



85

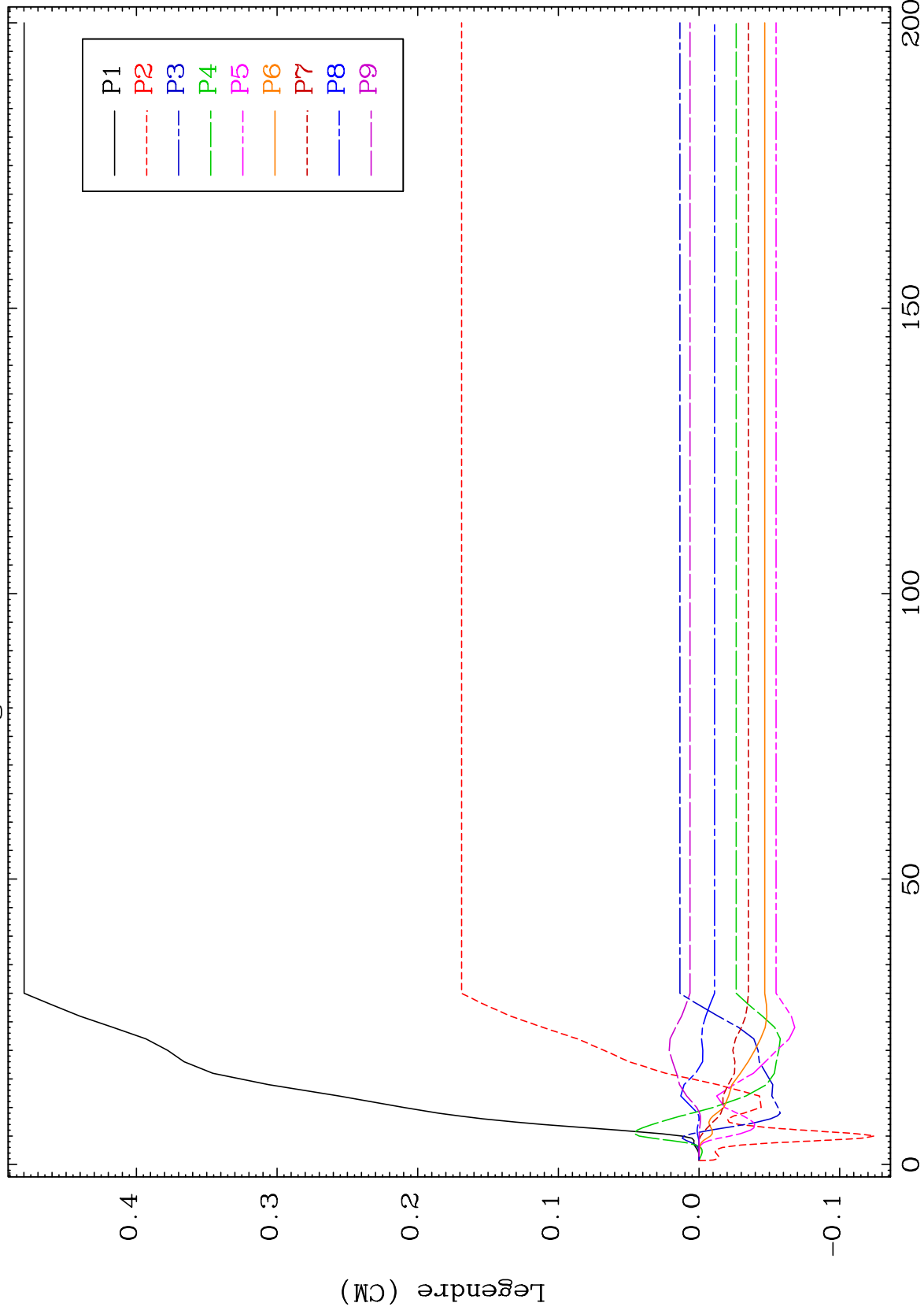
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



86

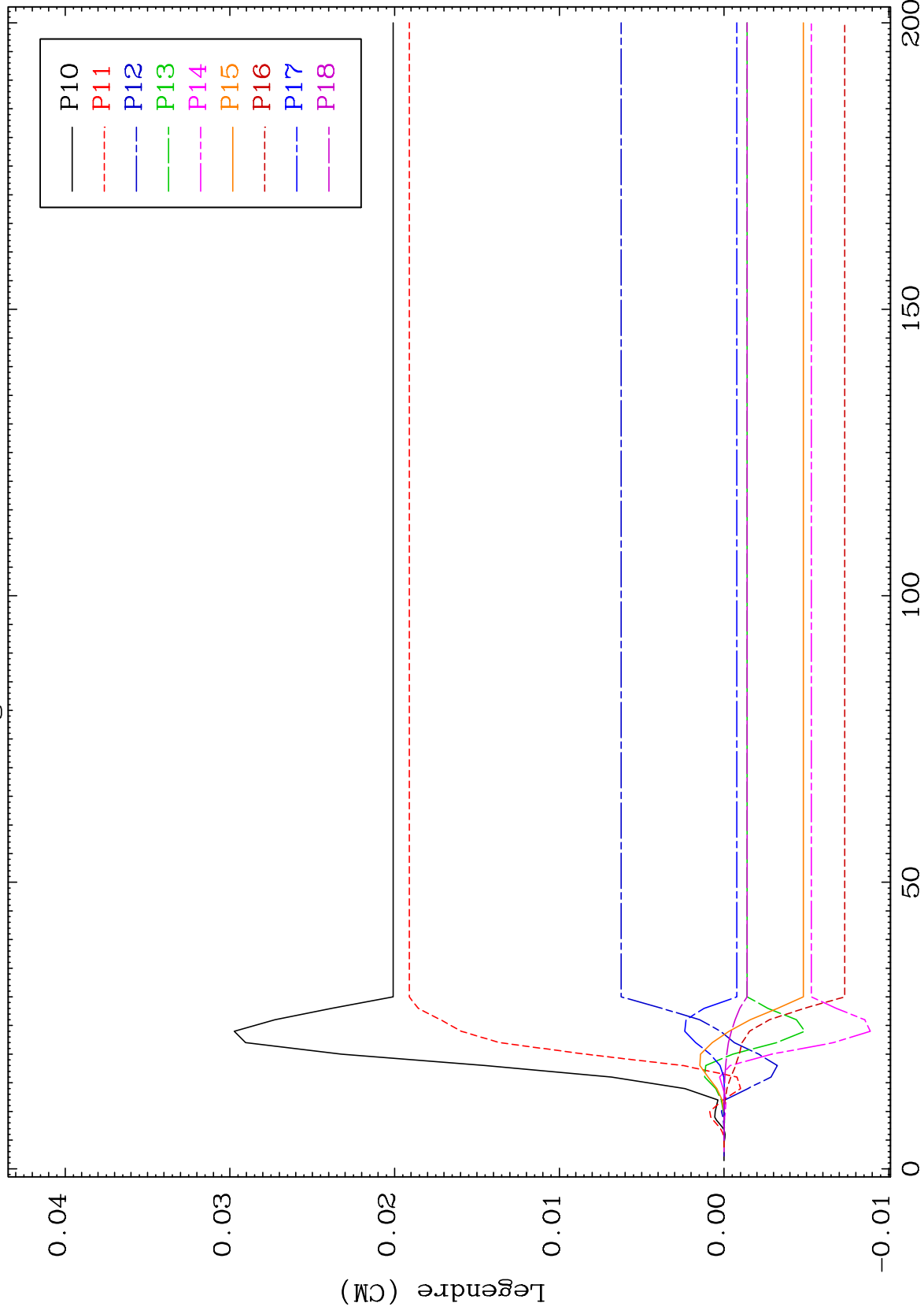
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



87

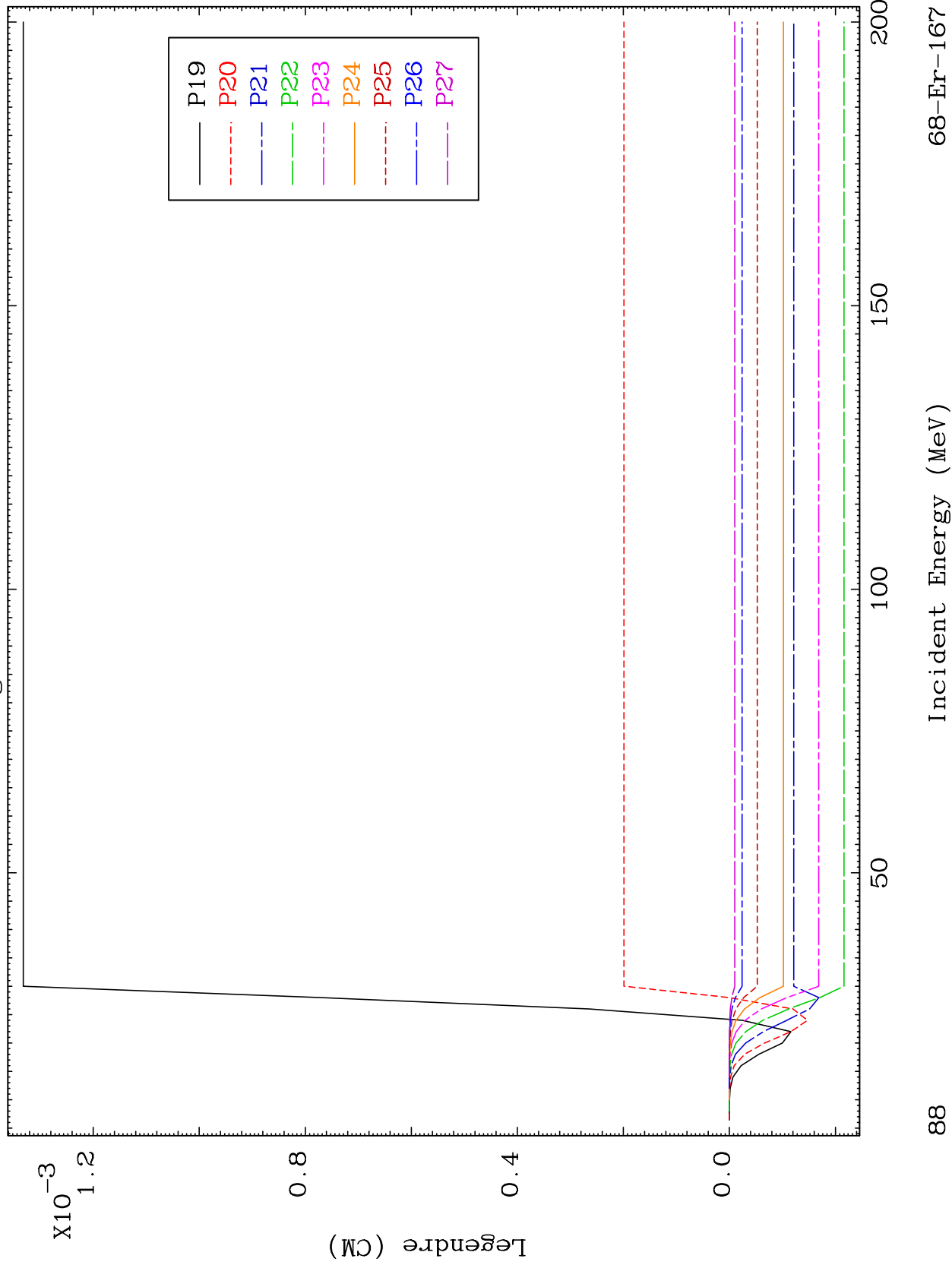
Incident Energy (MeV)

68-Er-167

MAT 6840

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

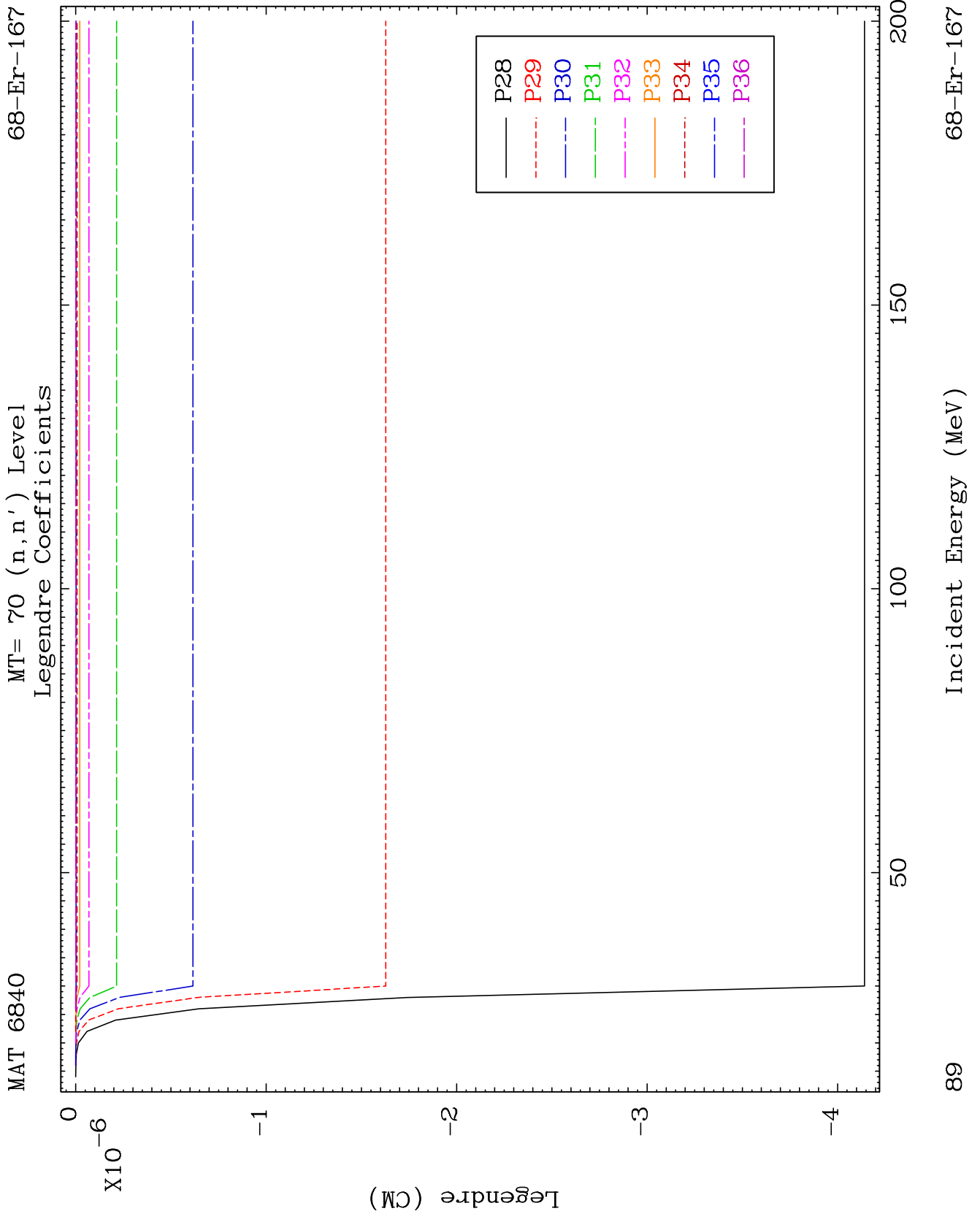
68-Er-167



88

Incident Energy (MeV)

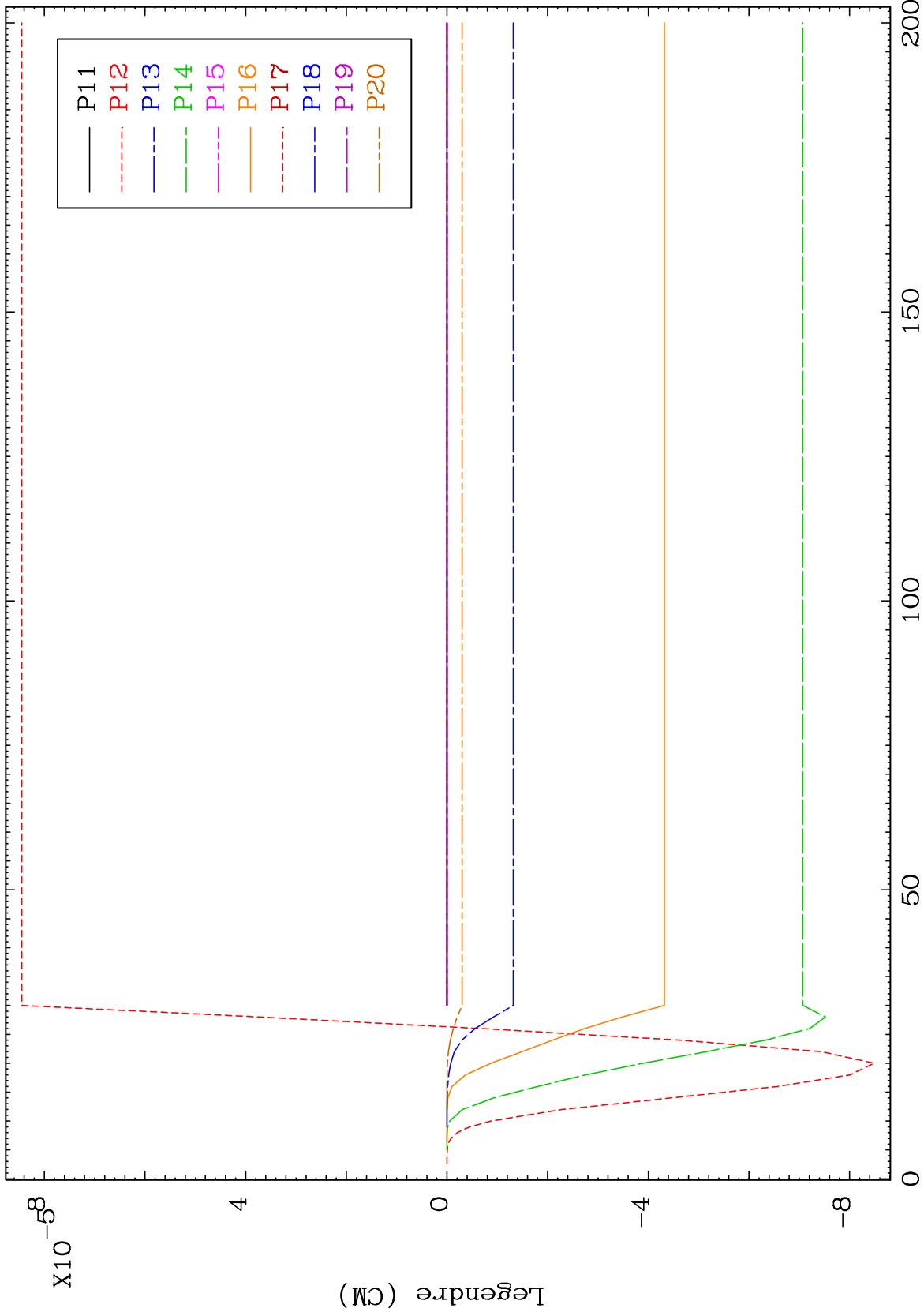
68-Er-167



MAT 6840

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

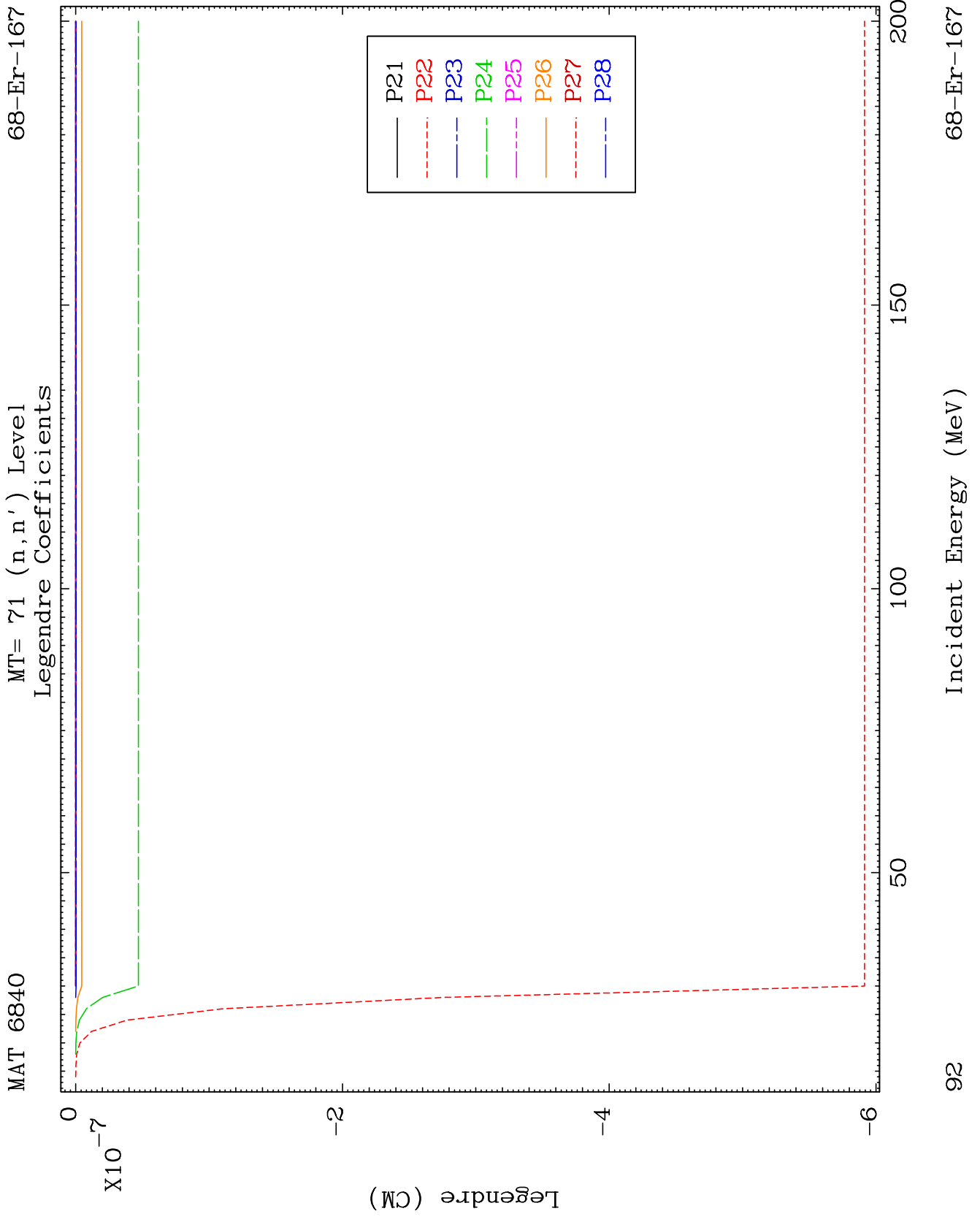
68-Er-167



91

Incident Energy (MeV)

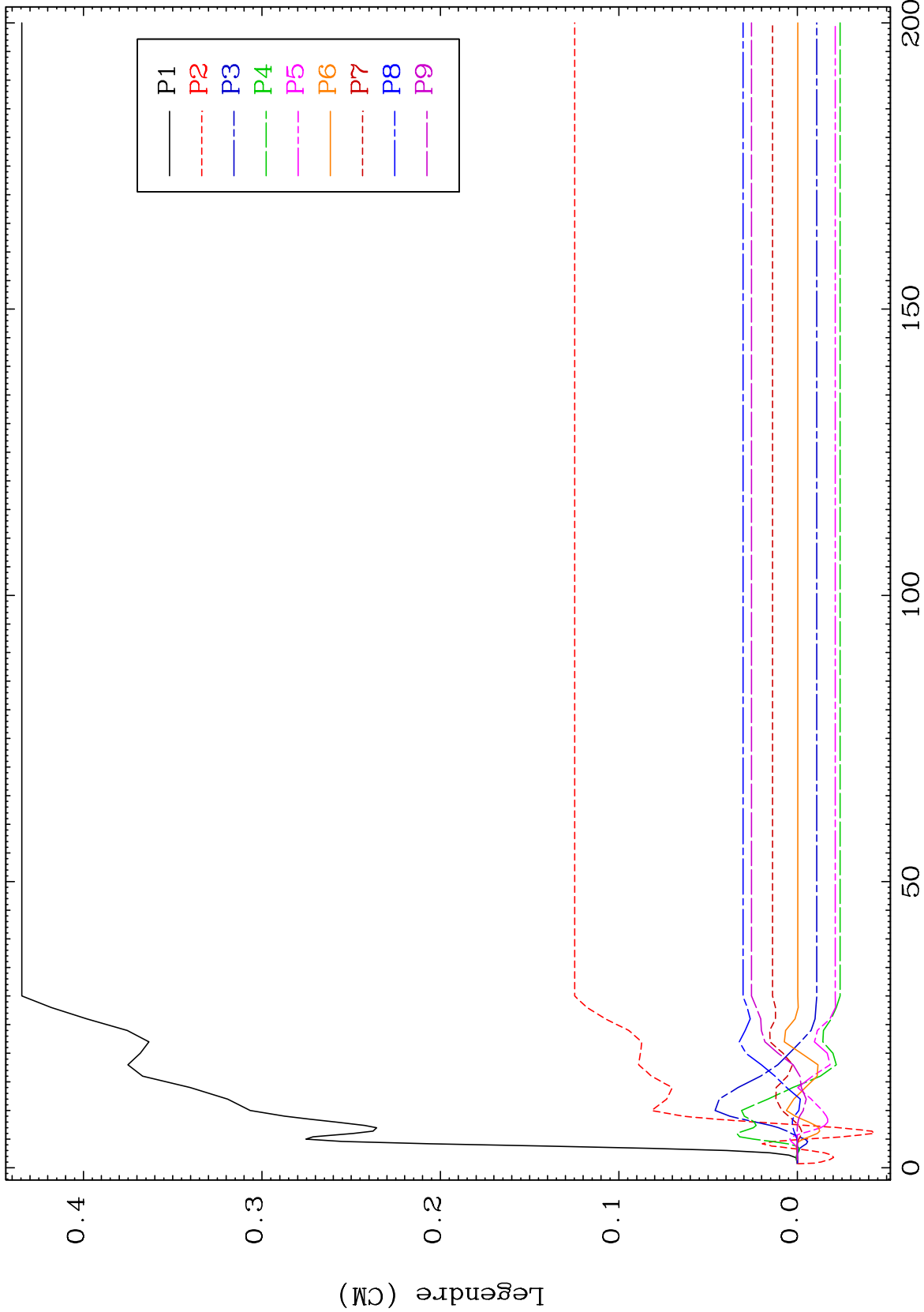
68-Er-167



MAT 6840

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

68-Er-167



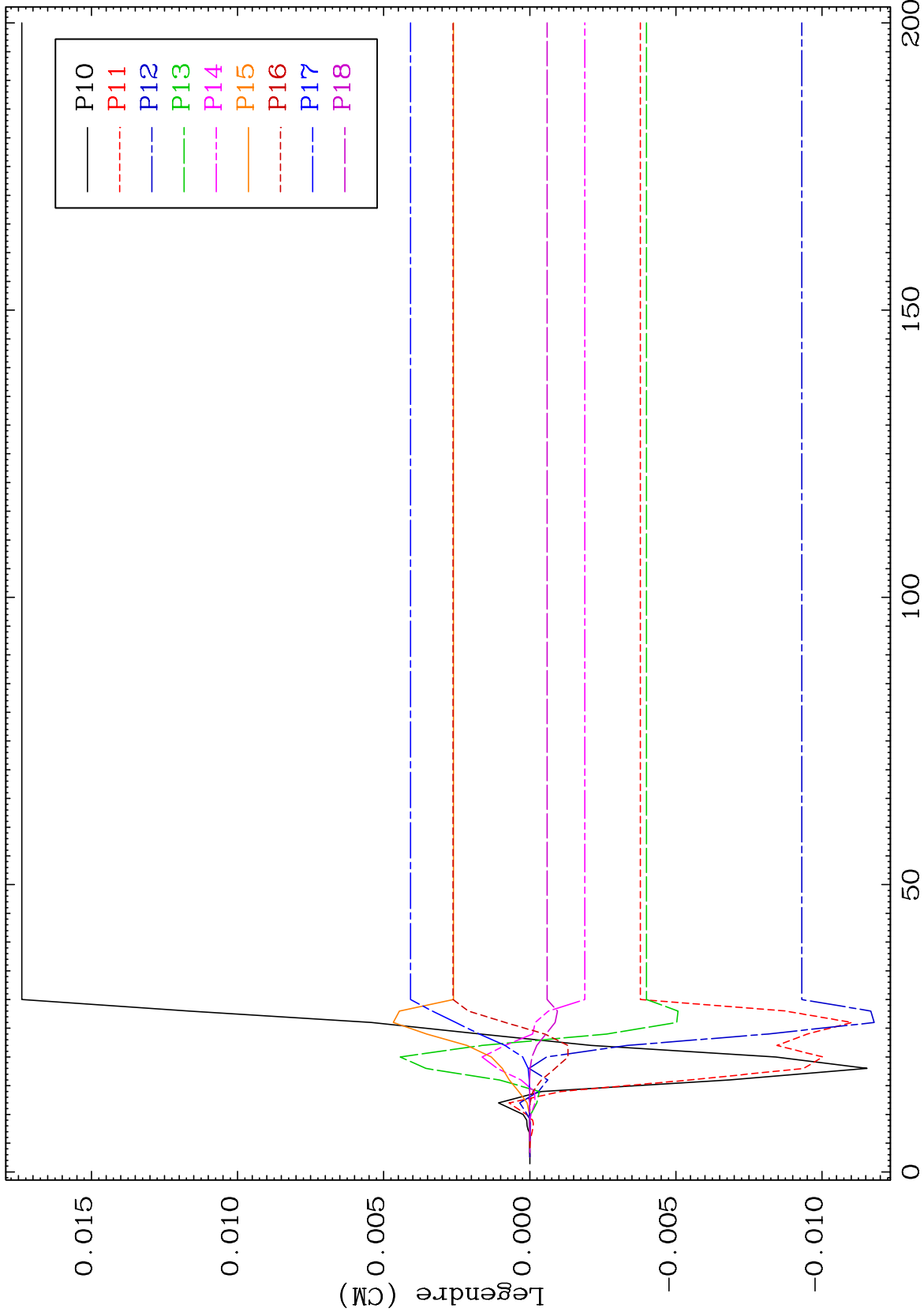
93

68-Er-167

MAT 6840

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

68-Er-167



94

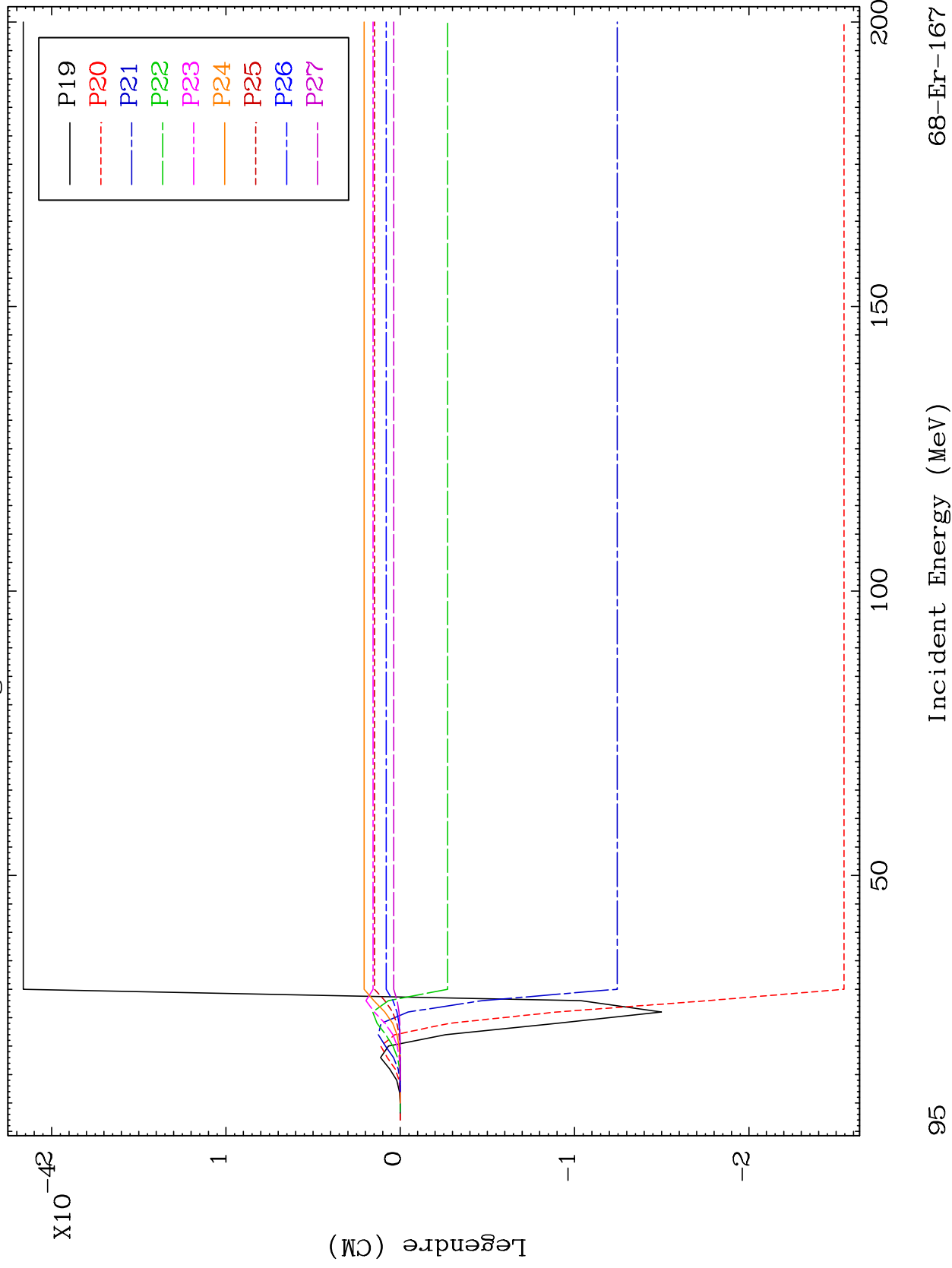
Incident Energy (MeV)

68-Er-167

MAT 6840

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

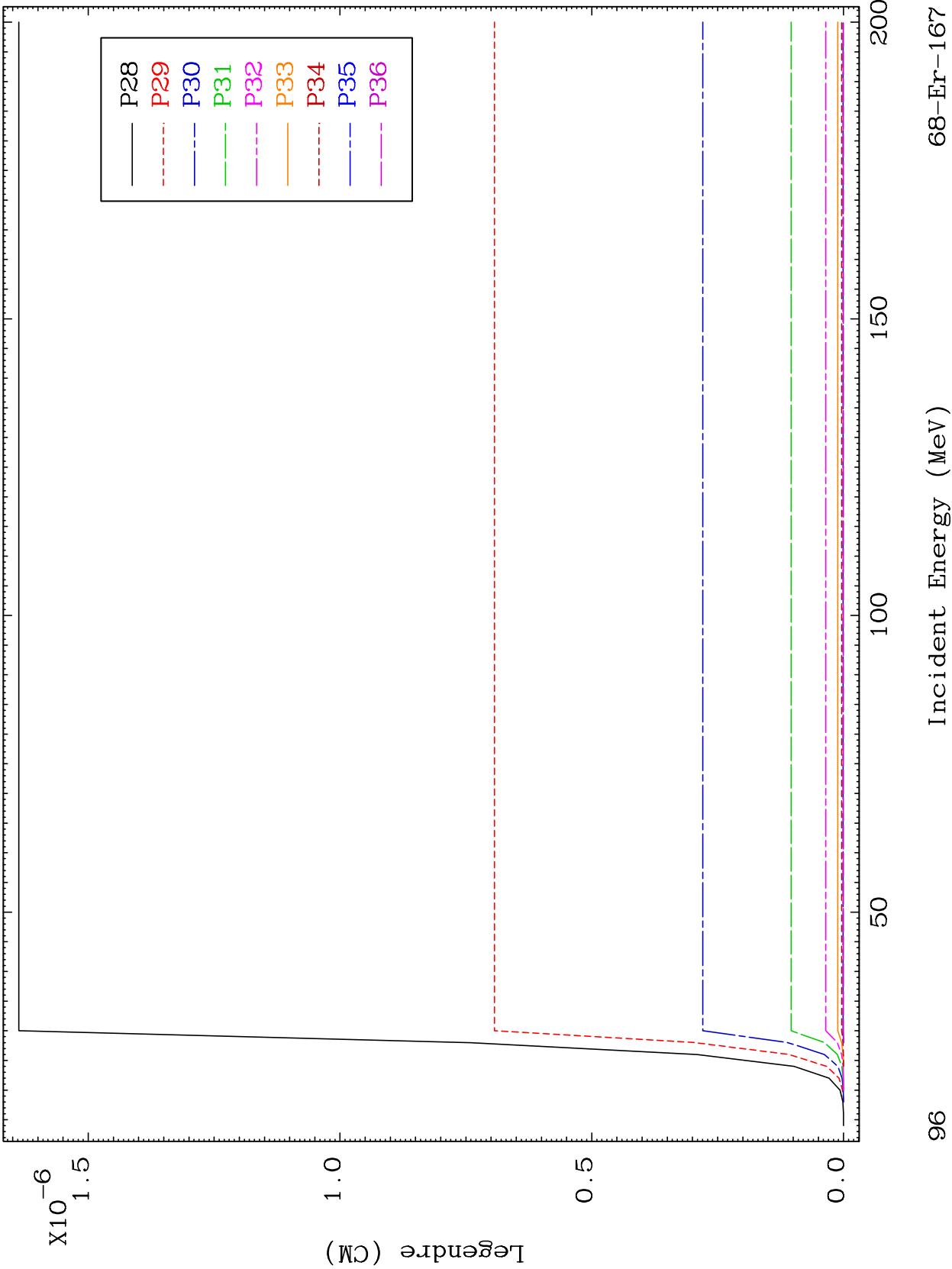
68-Er-167



MAT 6840

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

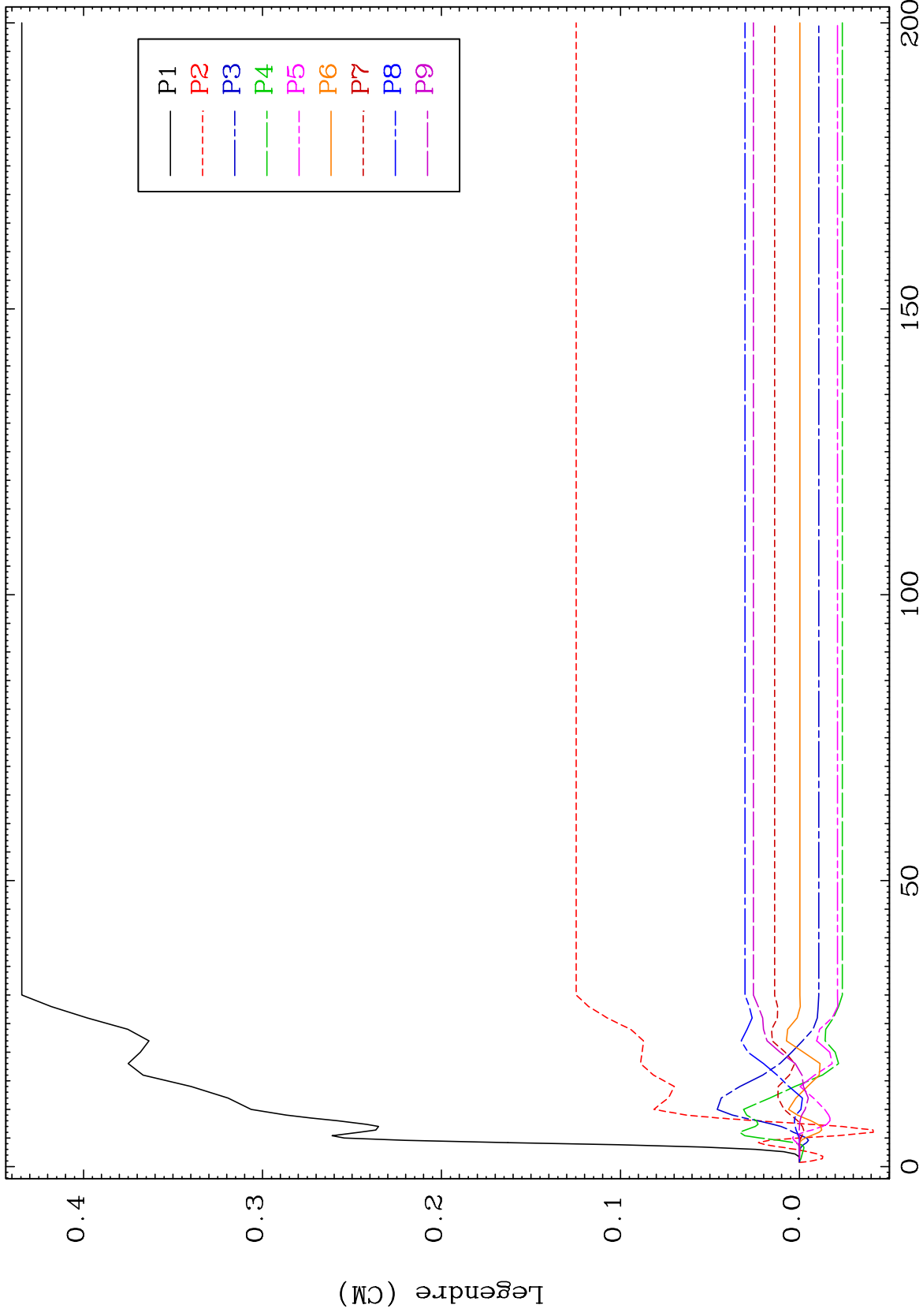
68-Er-167



MAT 6840

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

68-Er-167



97

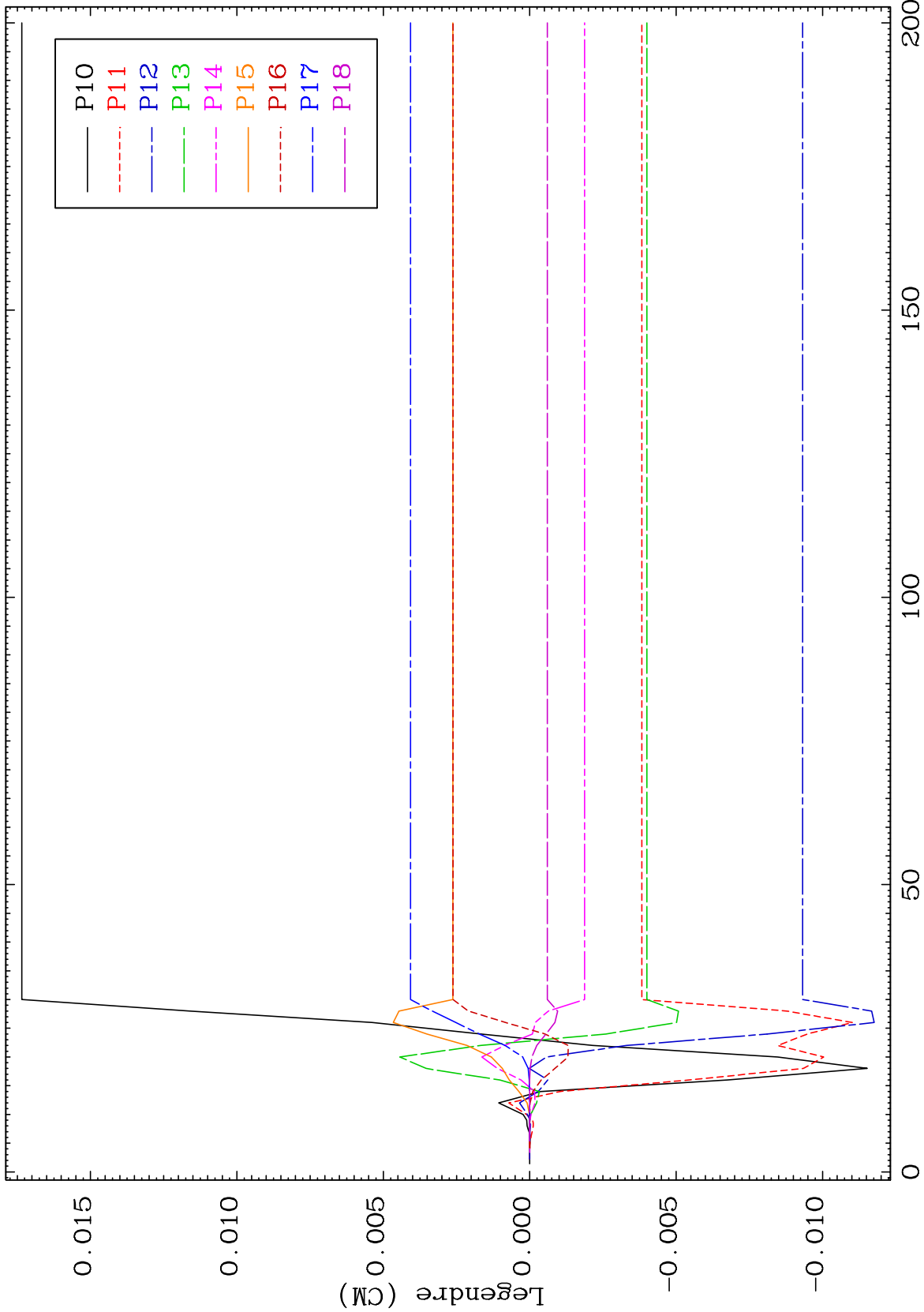
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



98

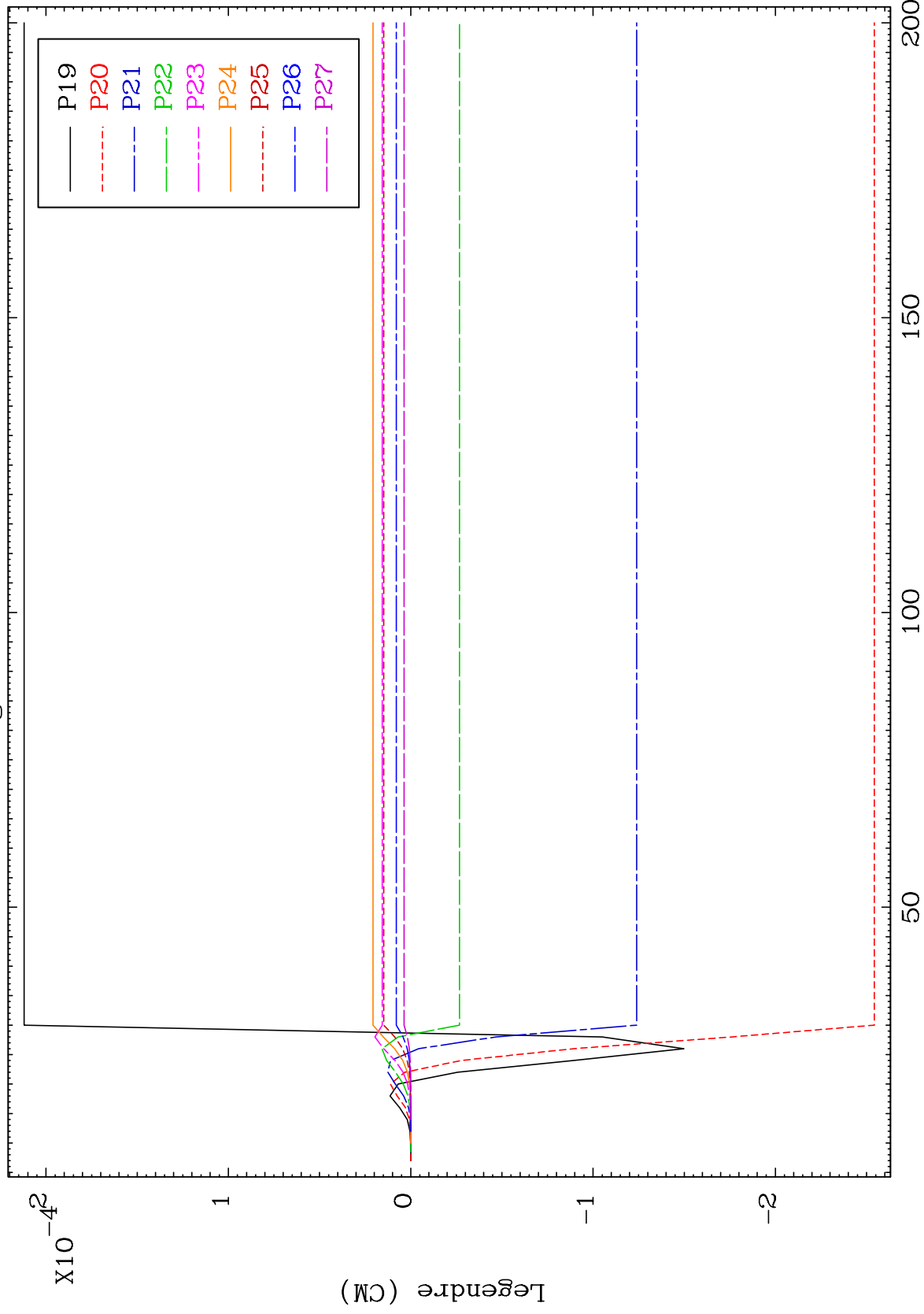
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



99

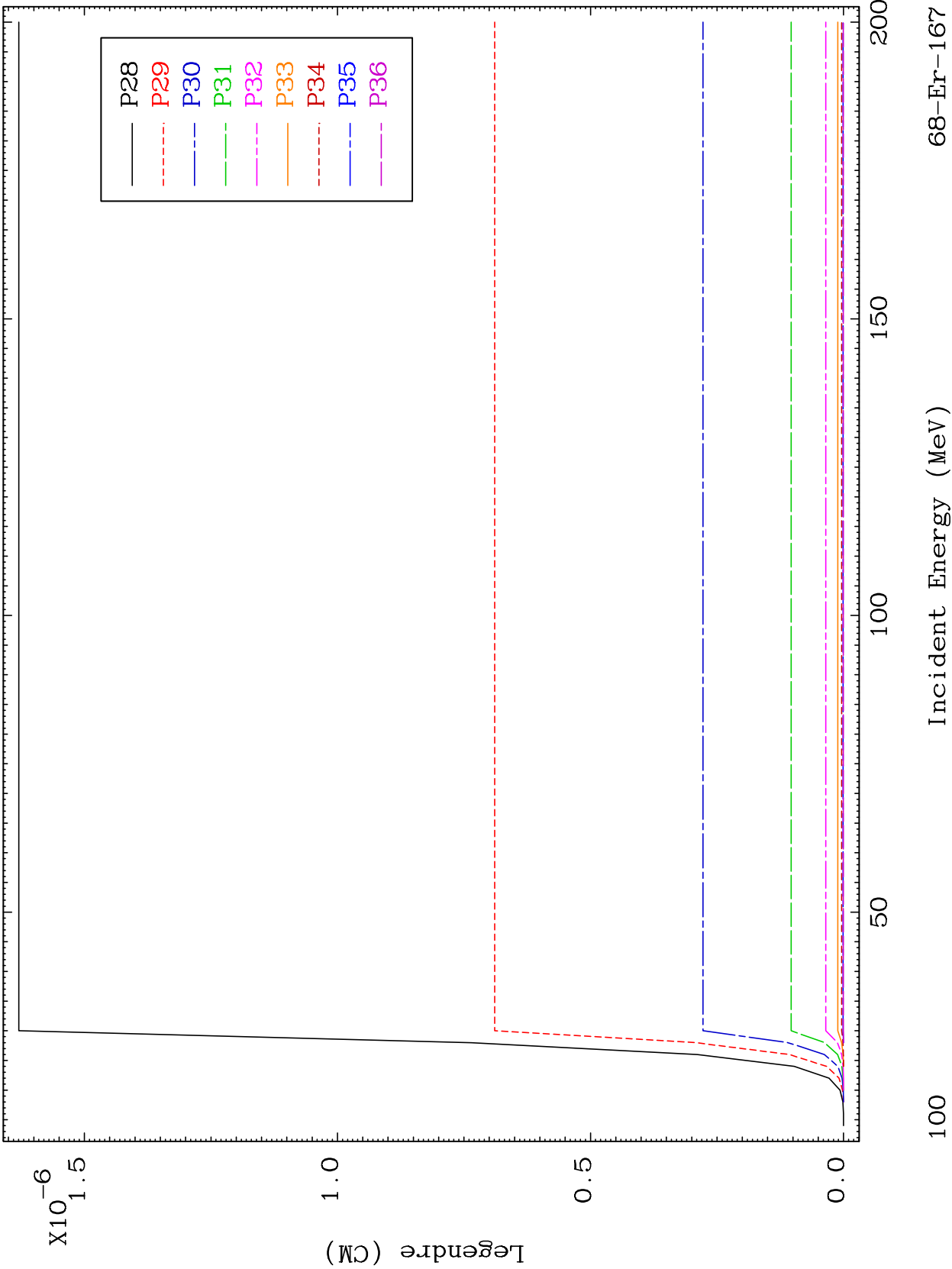
Incident Energy (MeV)

68-Er-167

MAT 6840

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

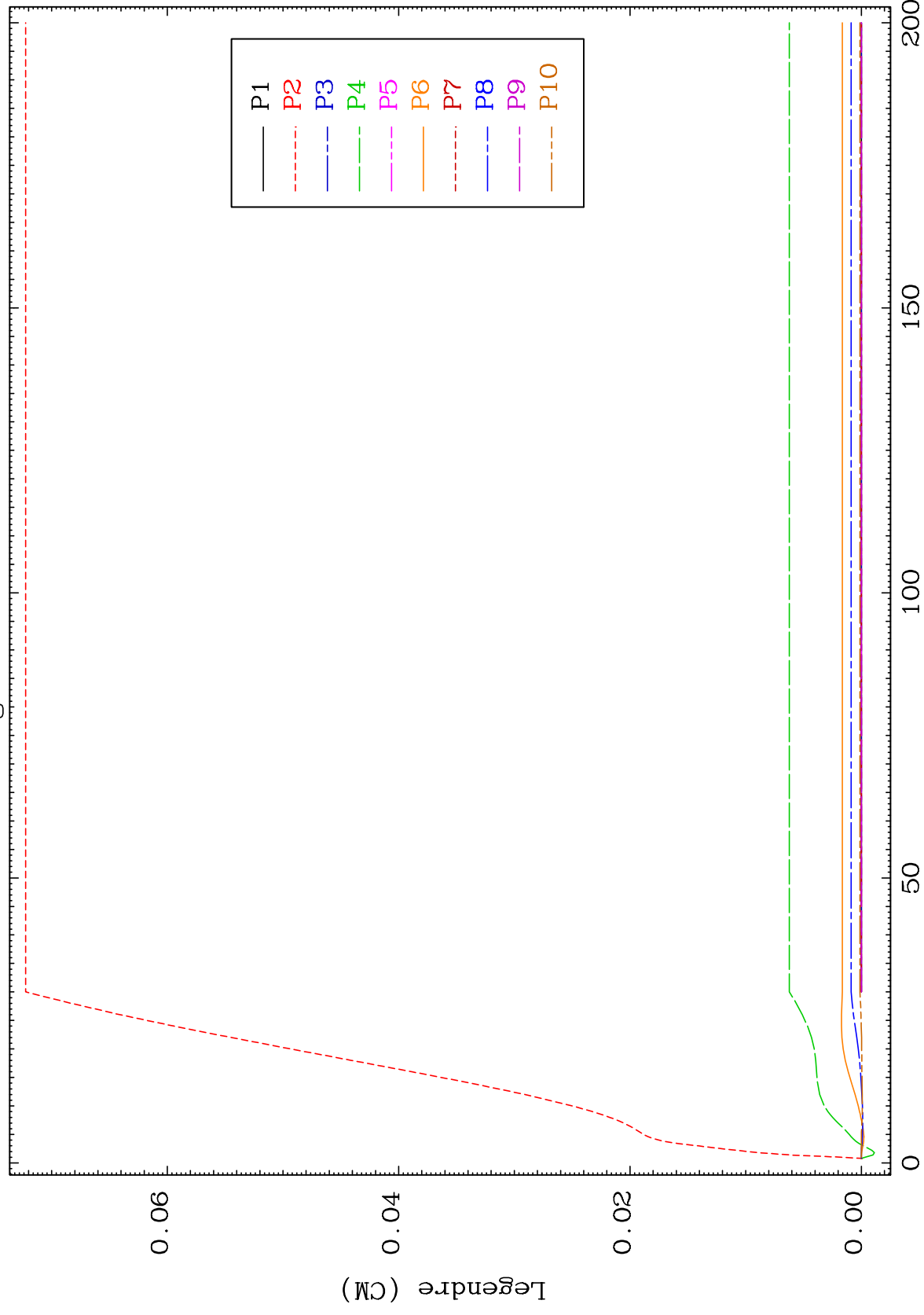
68-Er-167



MAT 6840

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

68-Er-167



101

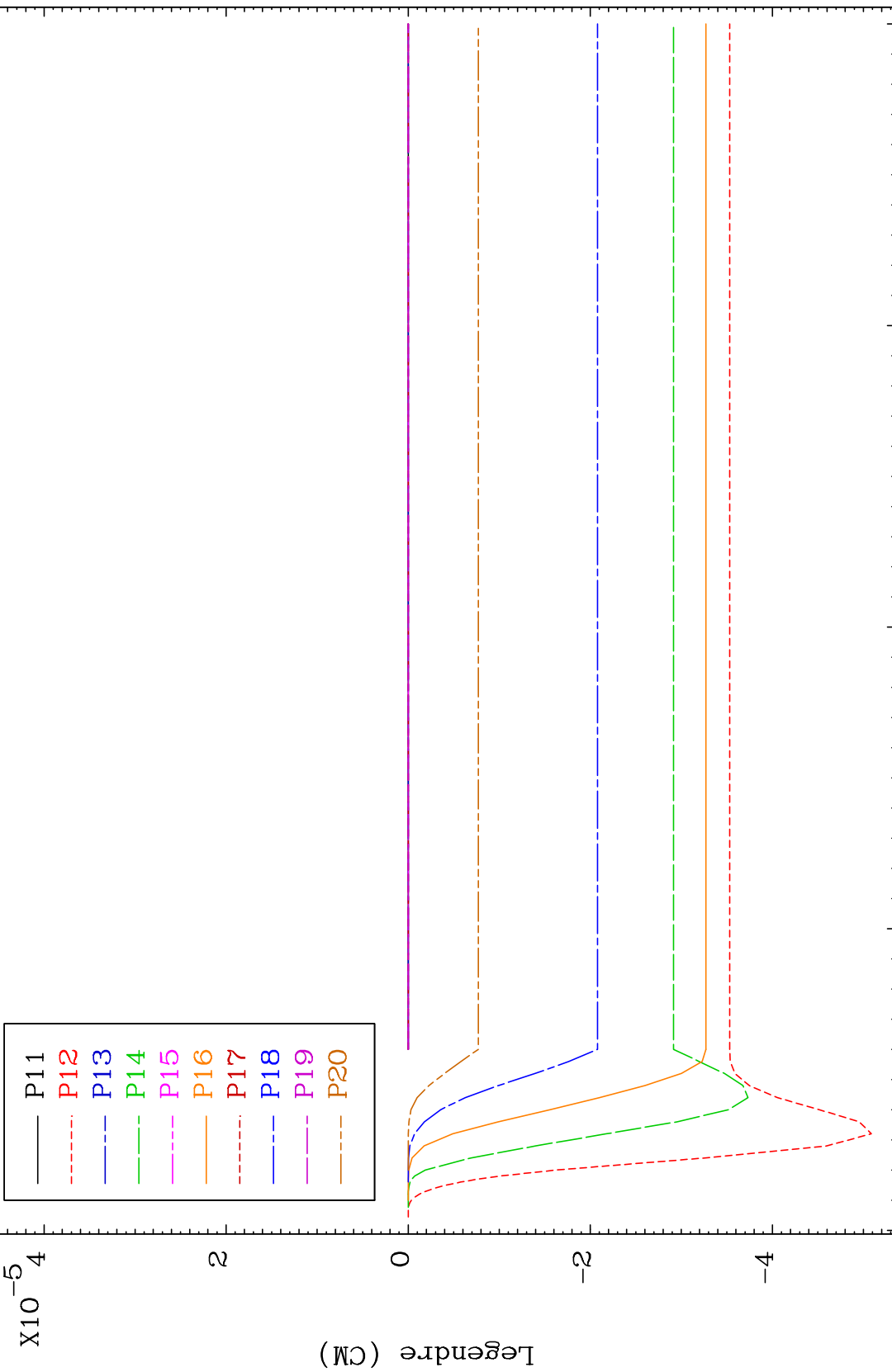
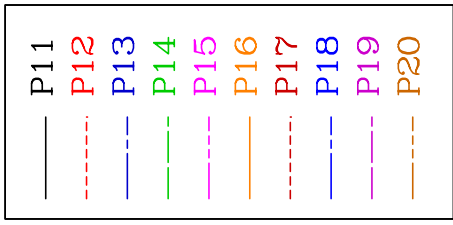
Incident Energy (MeV)

68-Er-167

MAT 6840

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

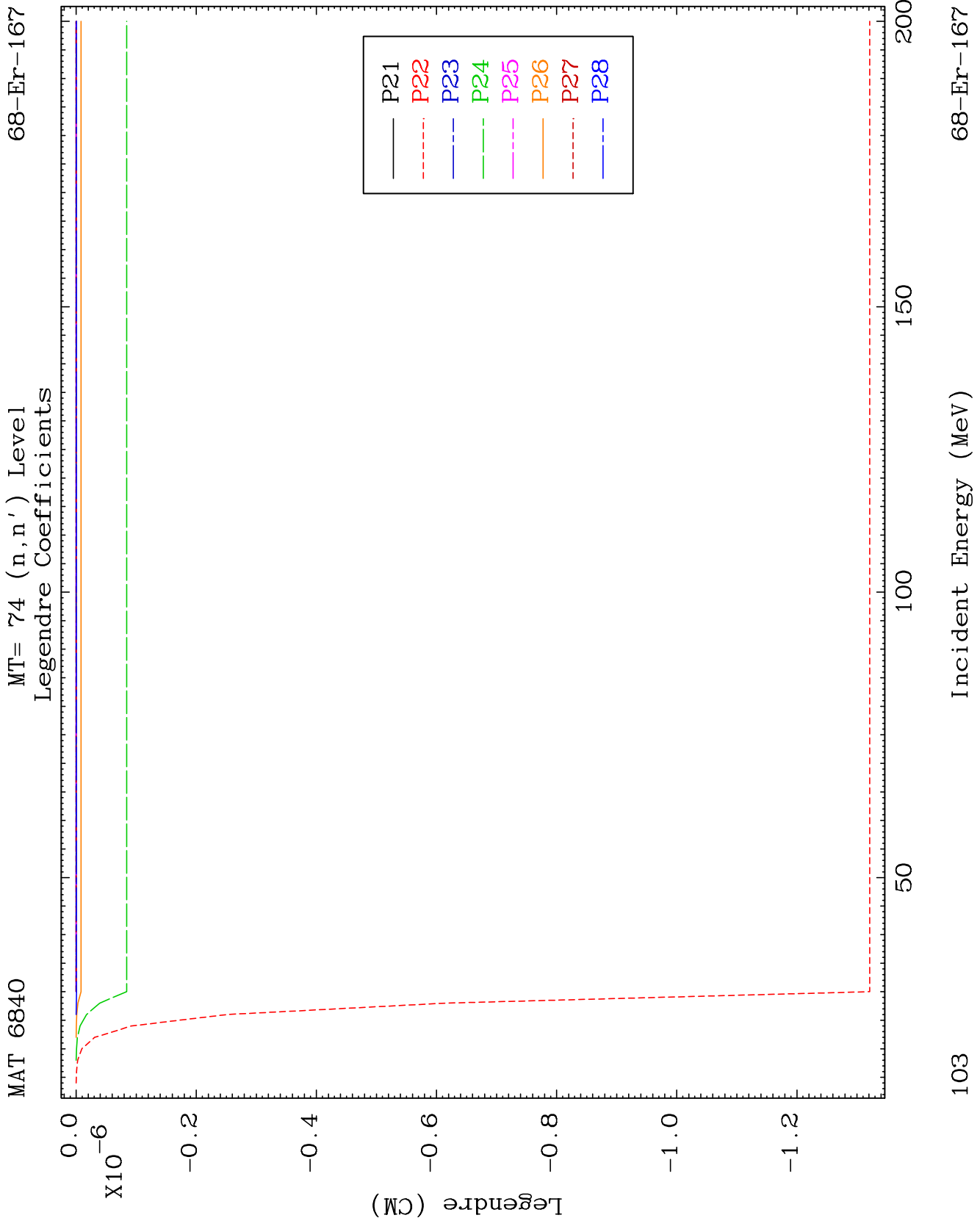
68-Er-167



102

Incident Energy (MeV)

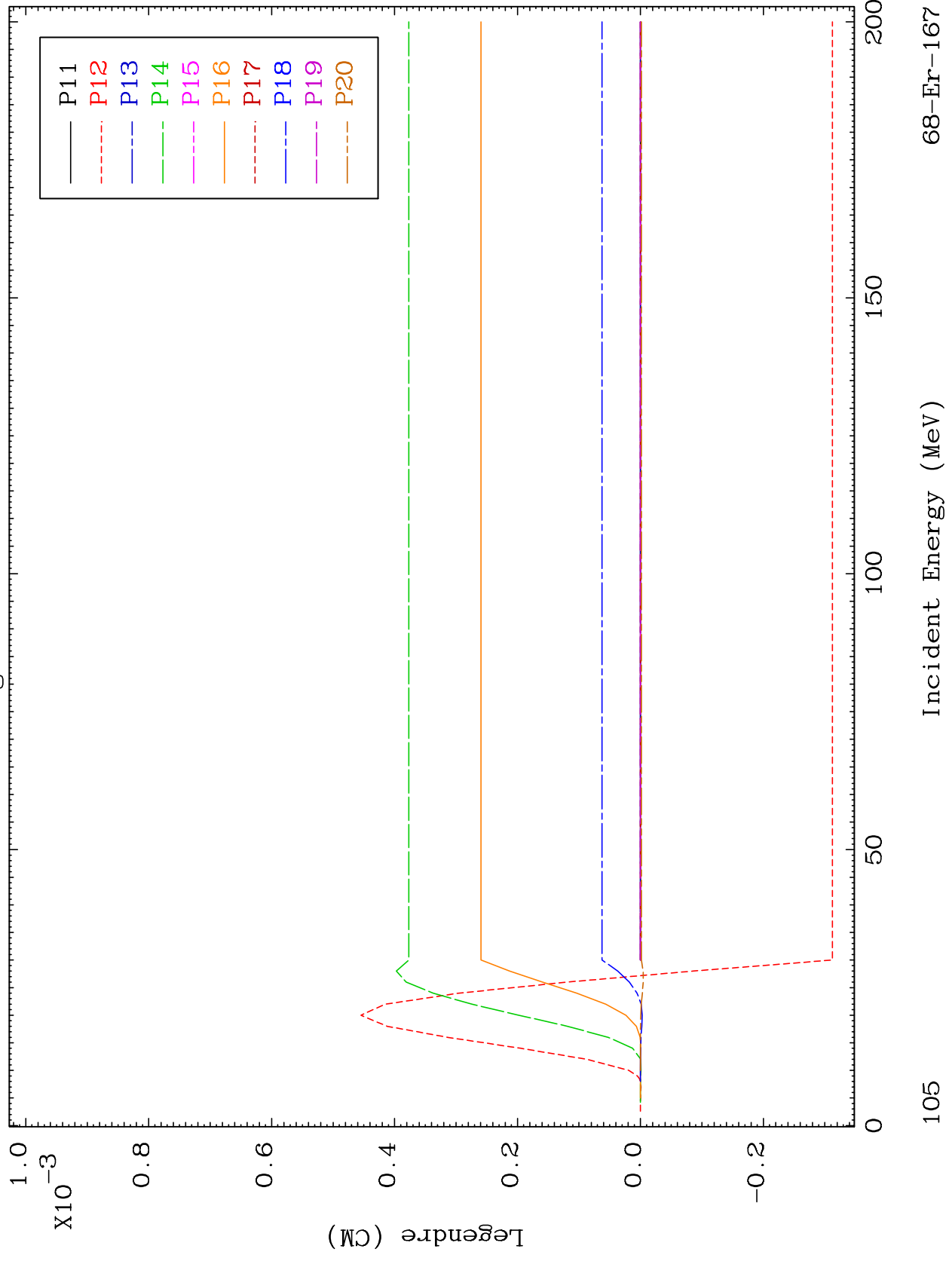
68-Er-167



MAT 6840

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

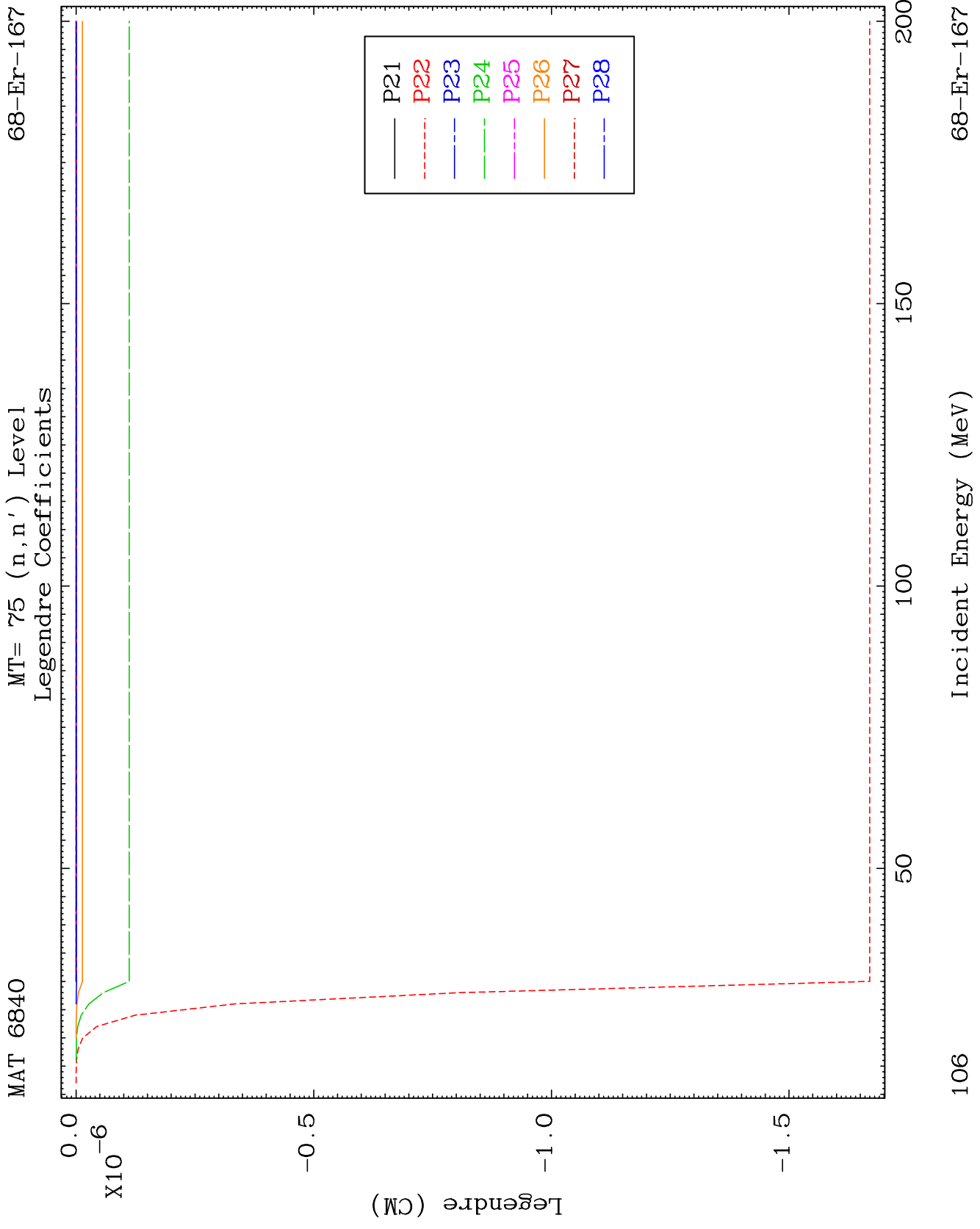
68-Er-167



68-Er-167

Incident Energy (MeV)

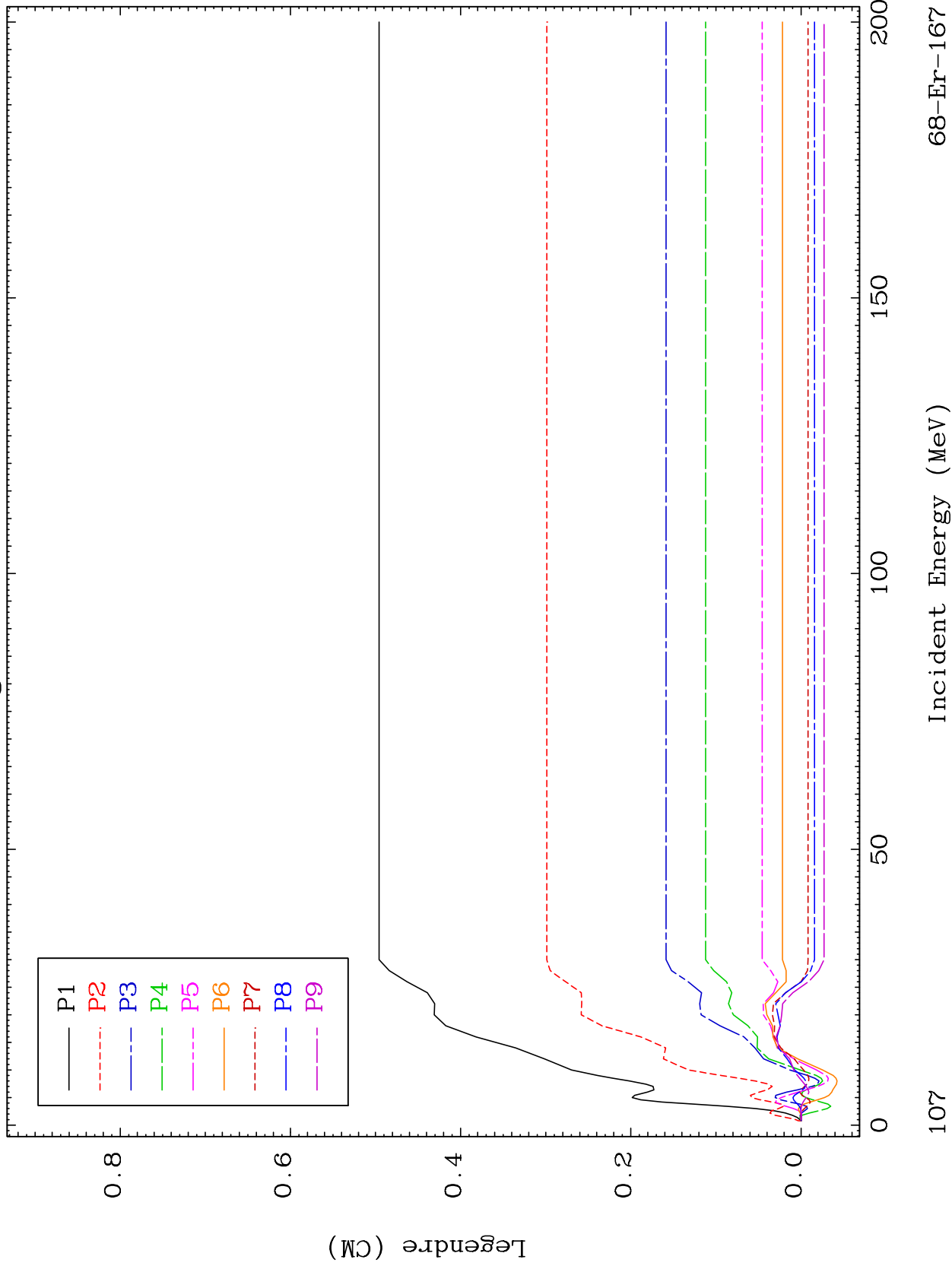
105



MAT 6840

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

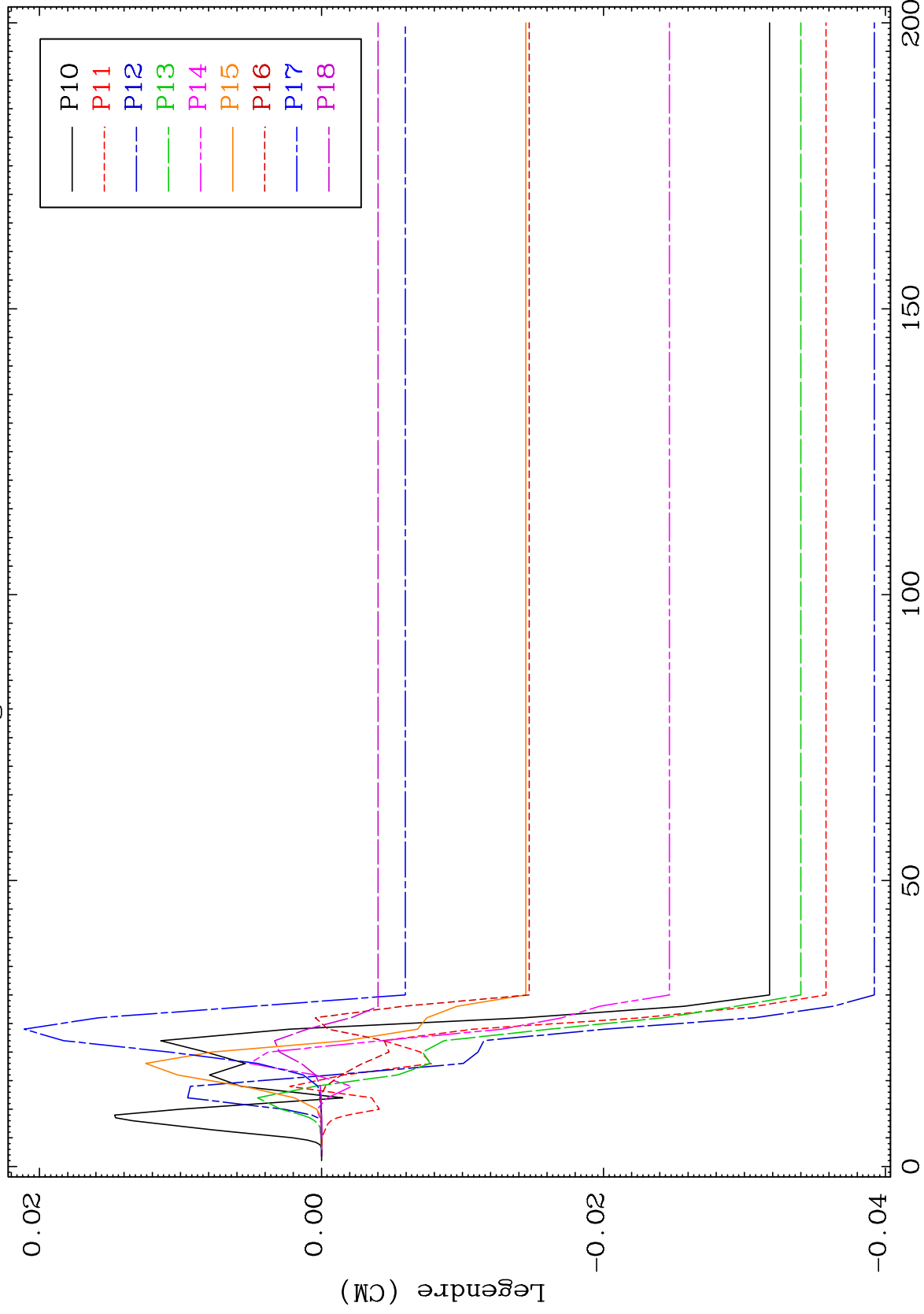
68-Er-167



MAT 6840

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

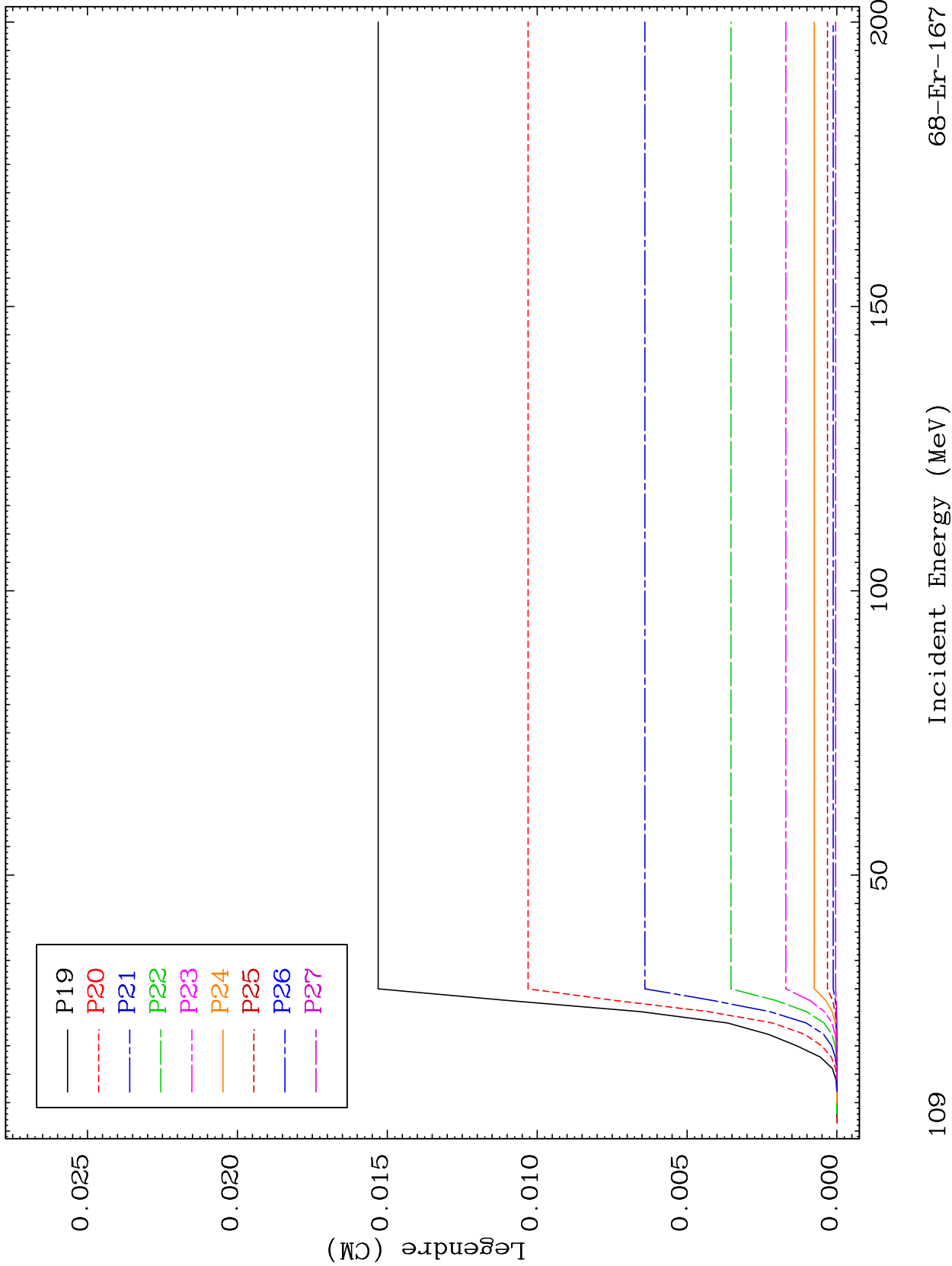
68-Er-167



108

Incident Energy (MeV)

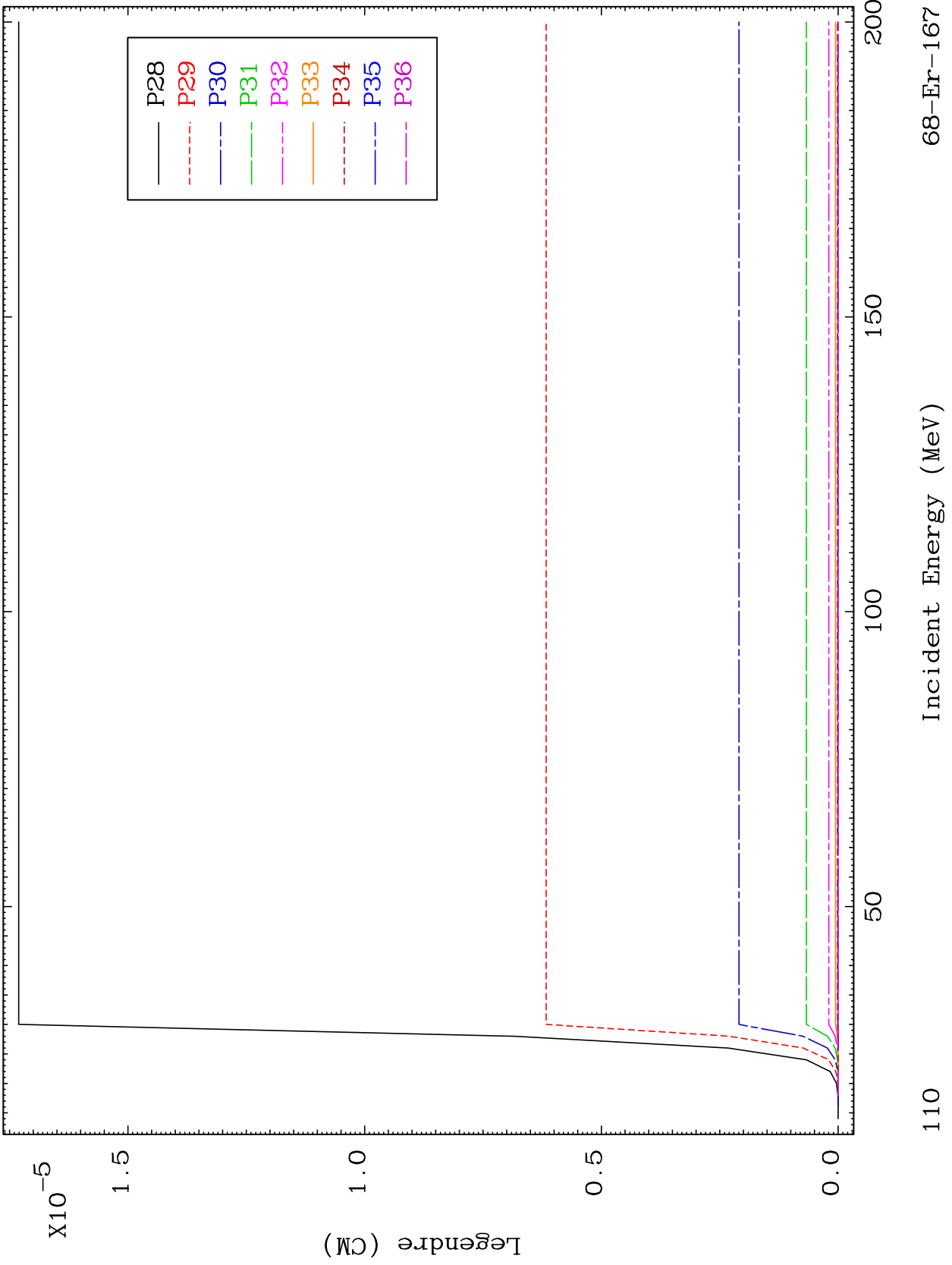
68-Er-167

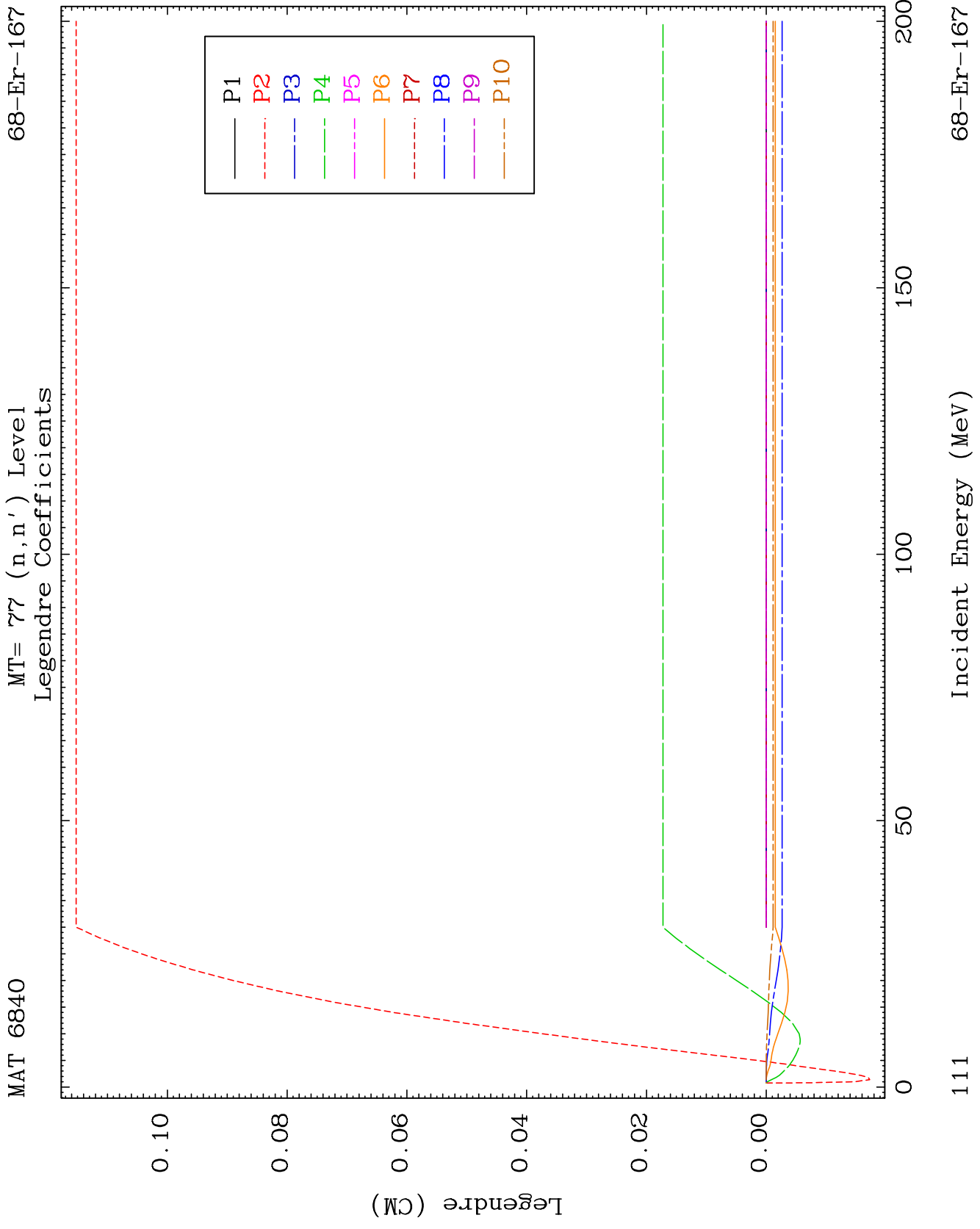


MAT 6840

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

68-Er-167

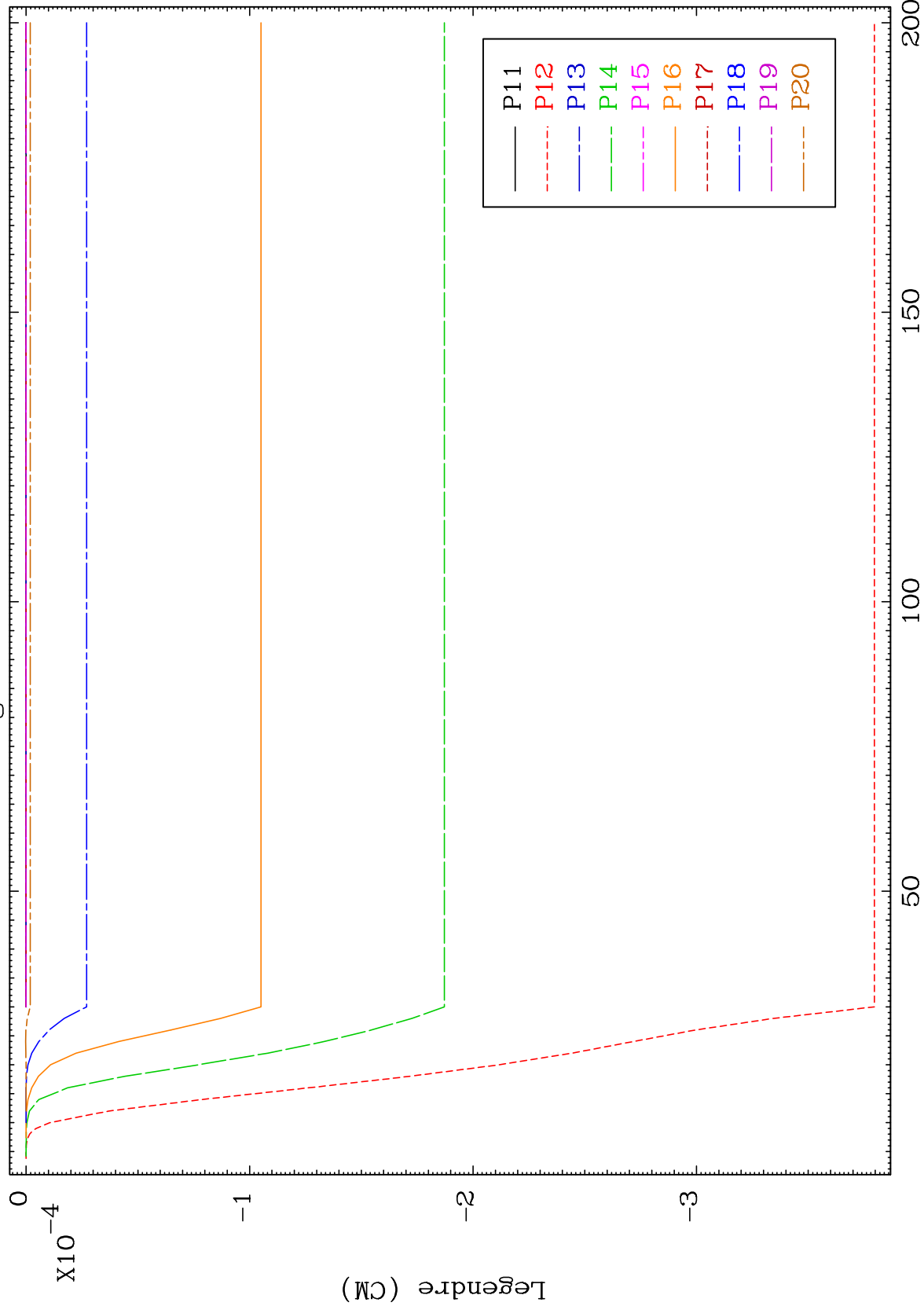




MAT 6840

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

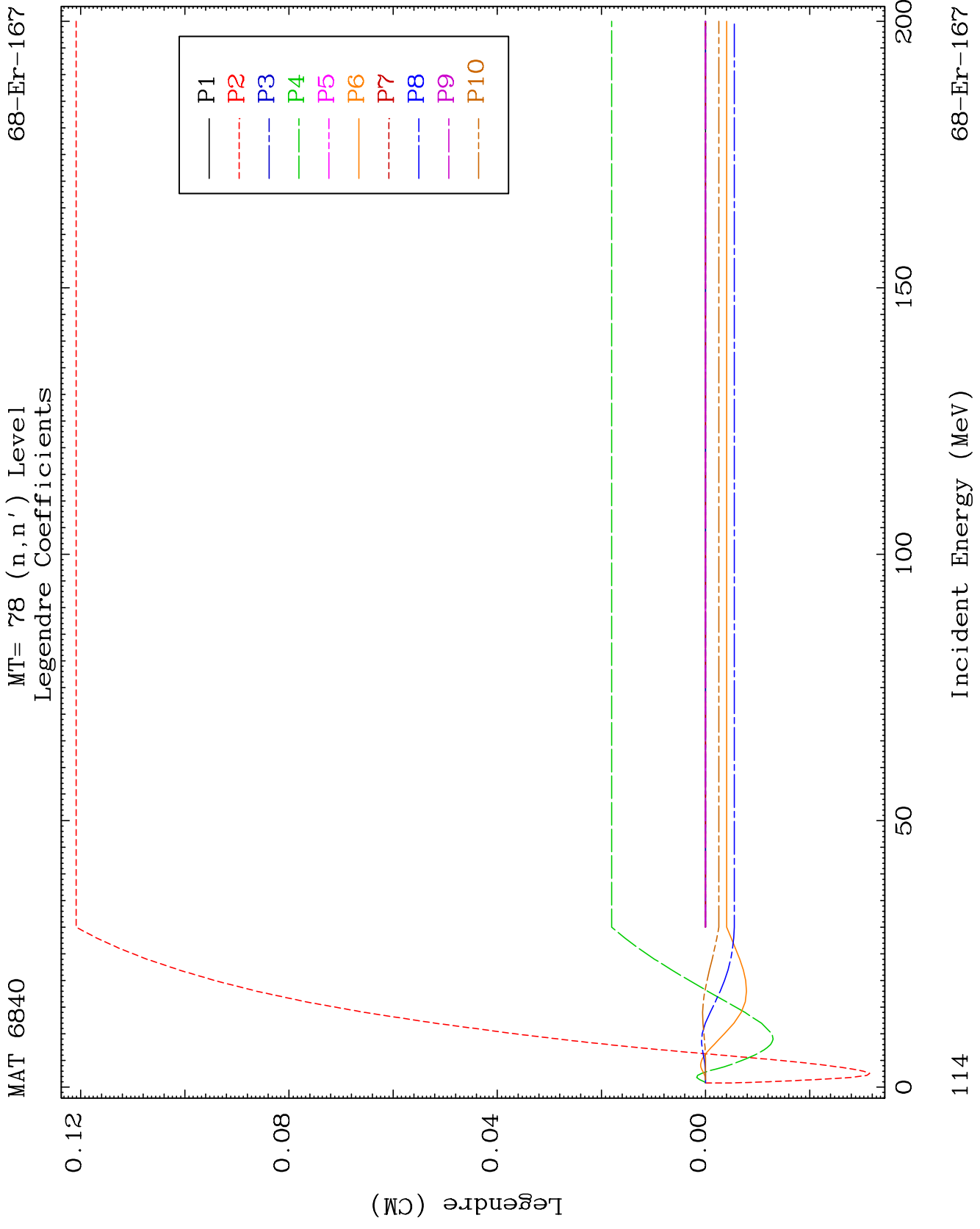
68-Er-167



68-Er-167

Incident Energy (MeV)

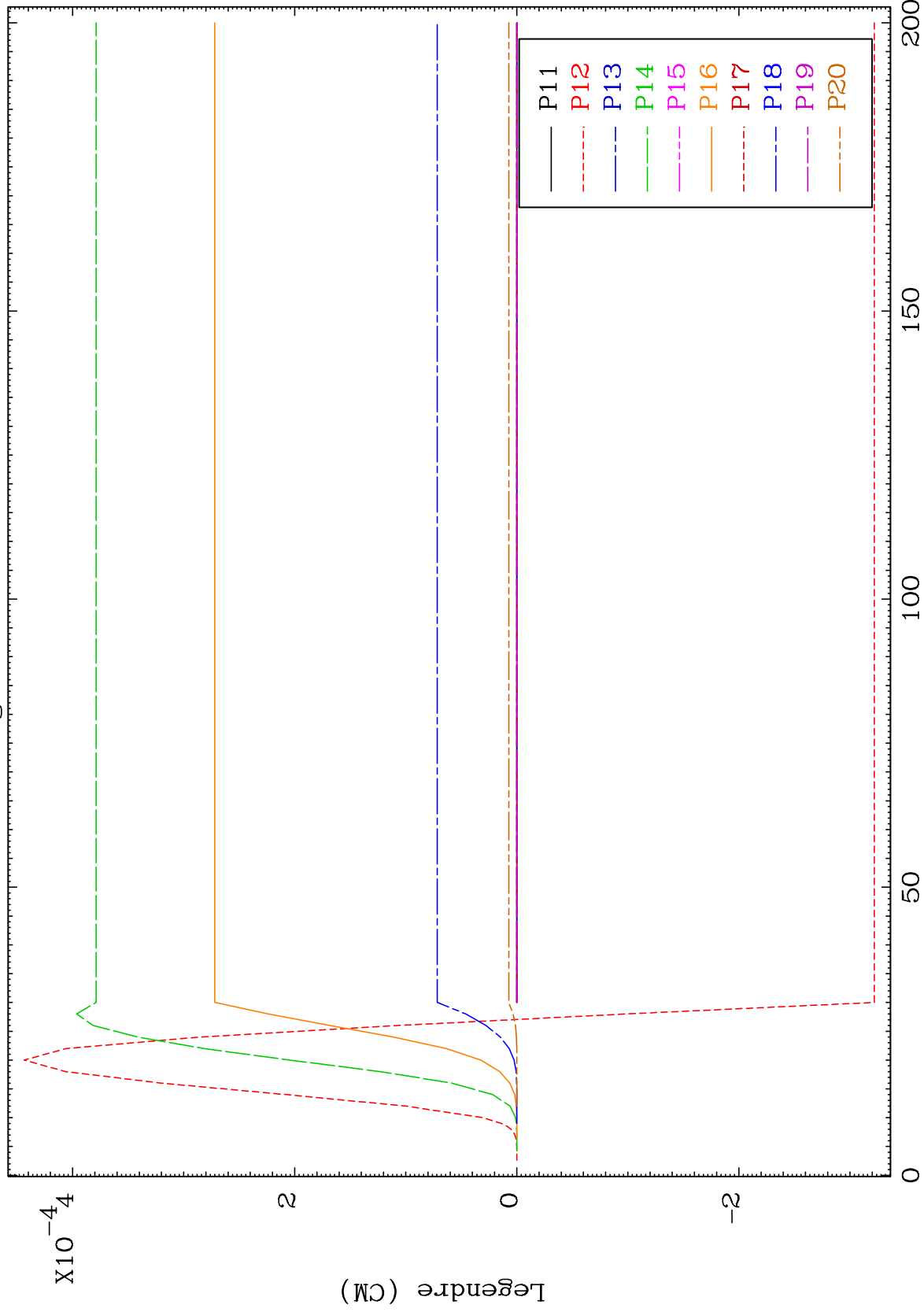
112



MAT 6840

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

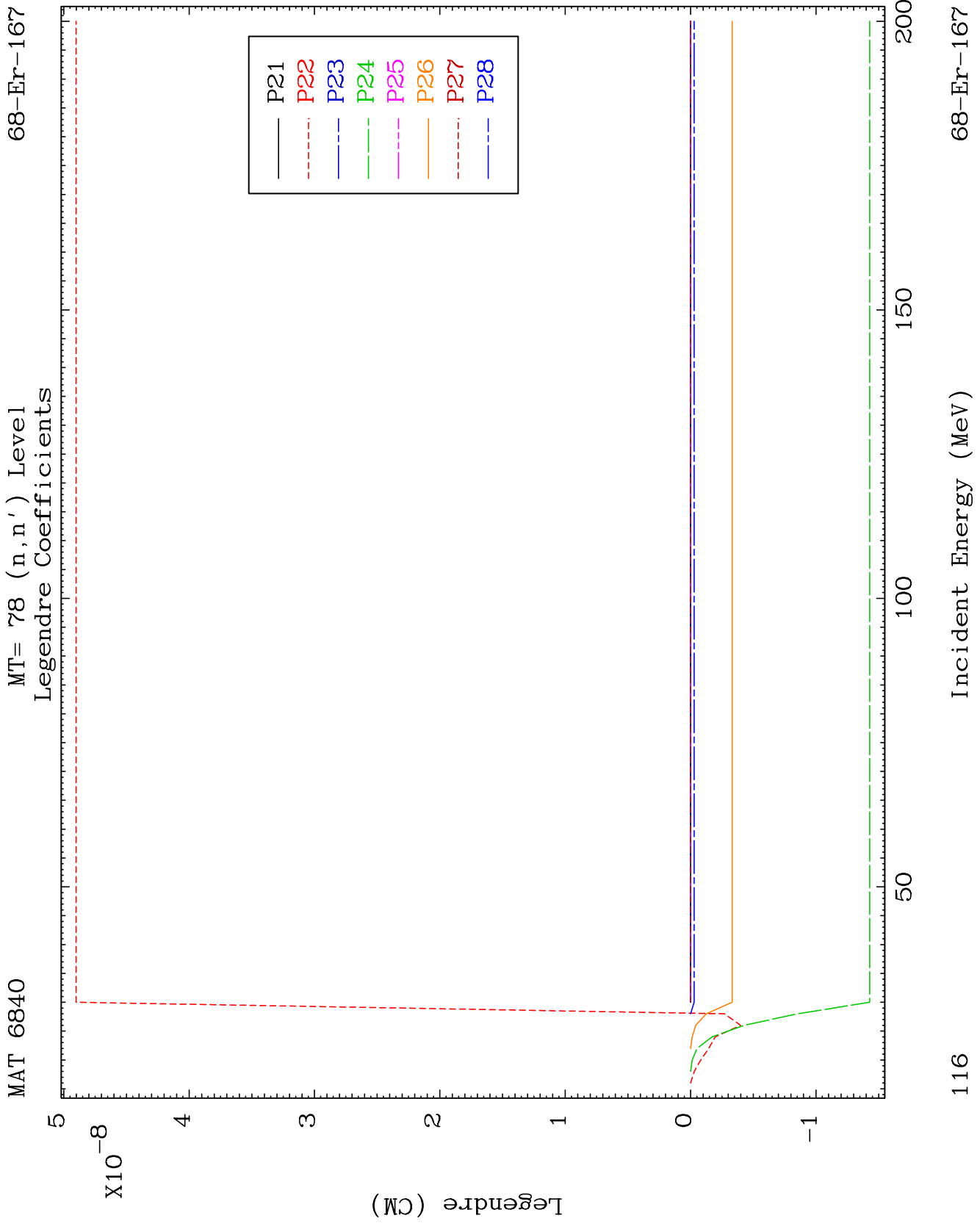
68-Er-167



115

Incident Energy (MeV)

68-Er-167



68-Er-167

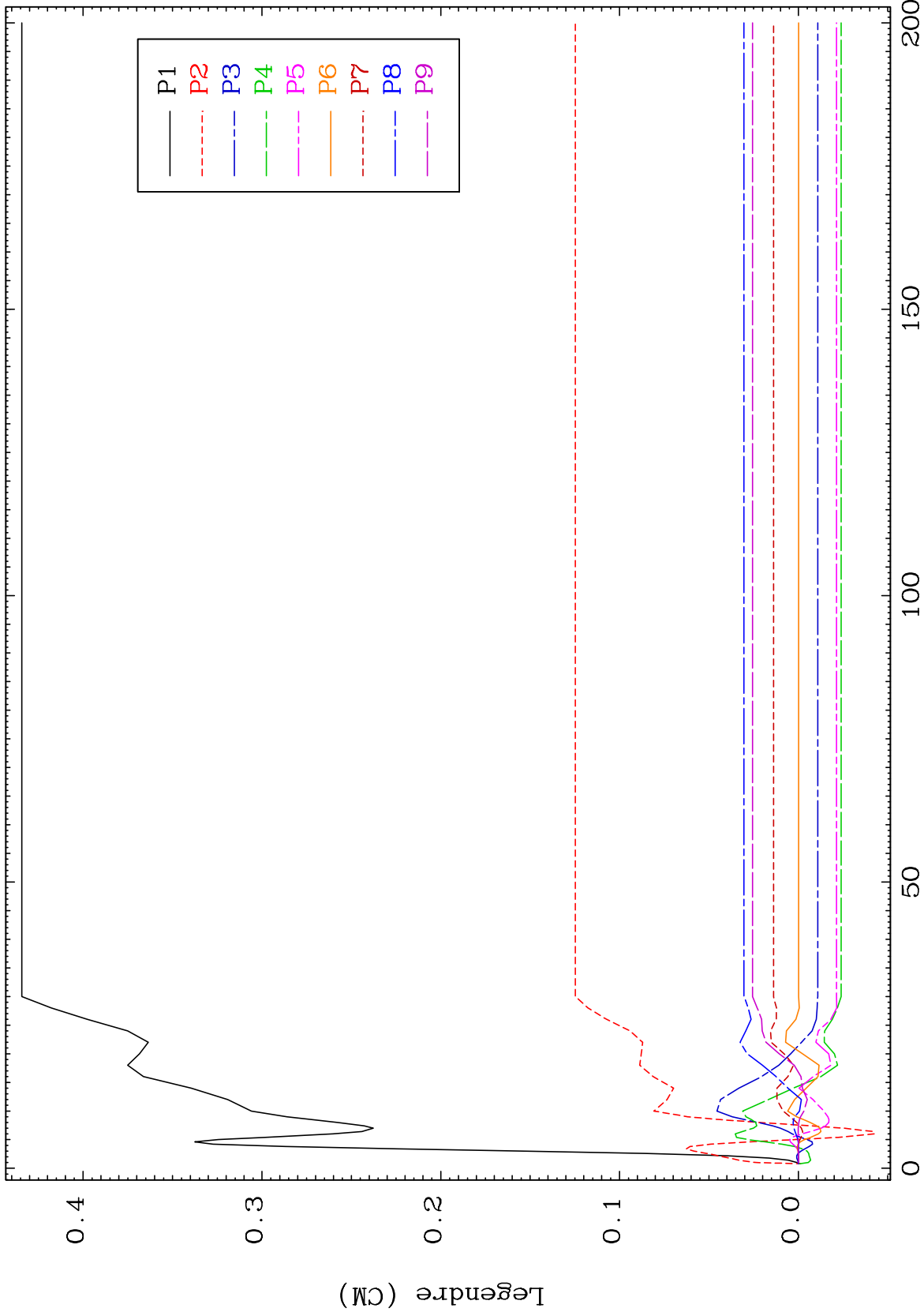
Incident Energy (MeV)

116

MAT 6840

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

68-Er-167



117

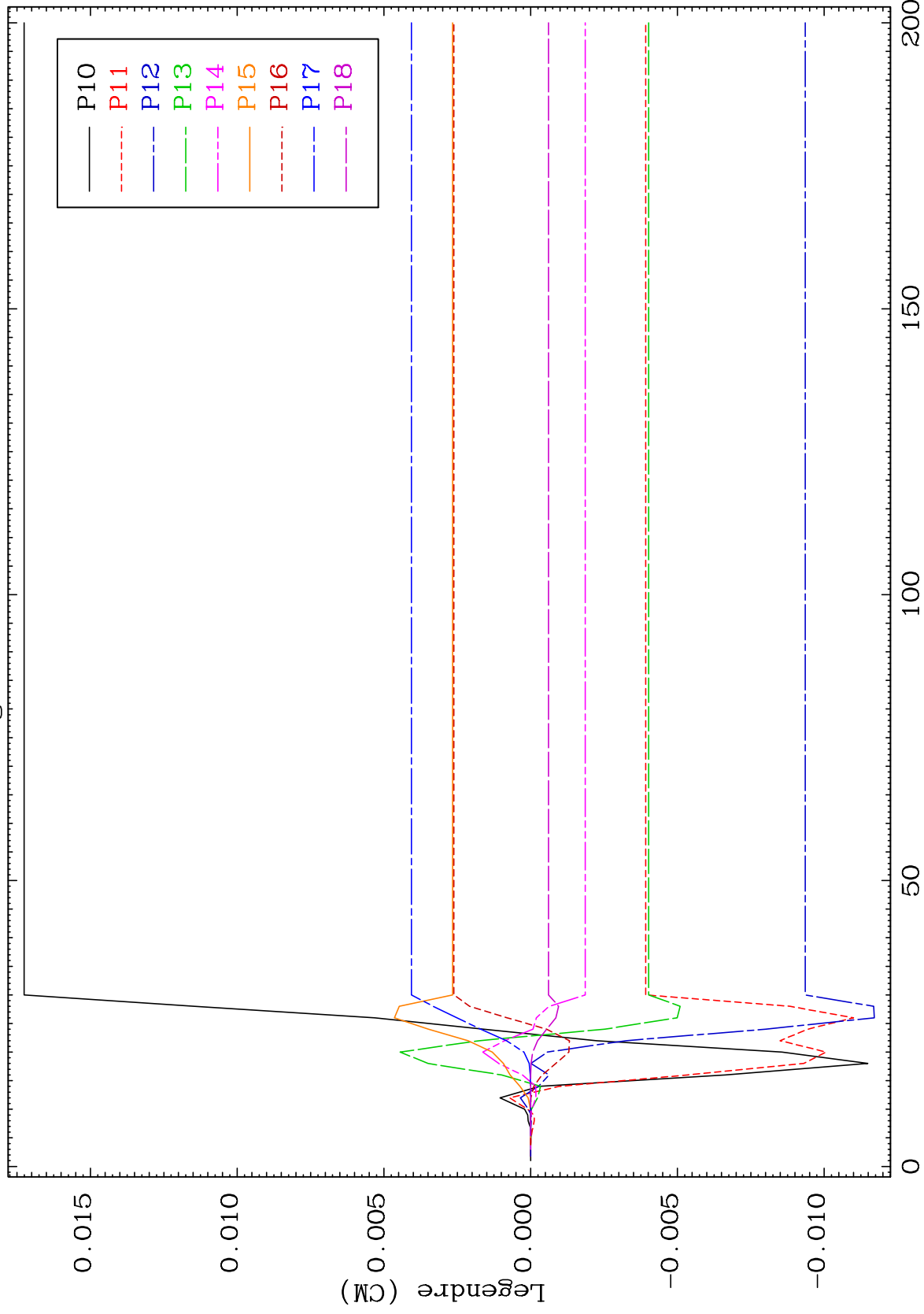
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



118

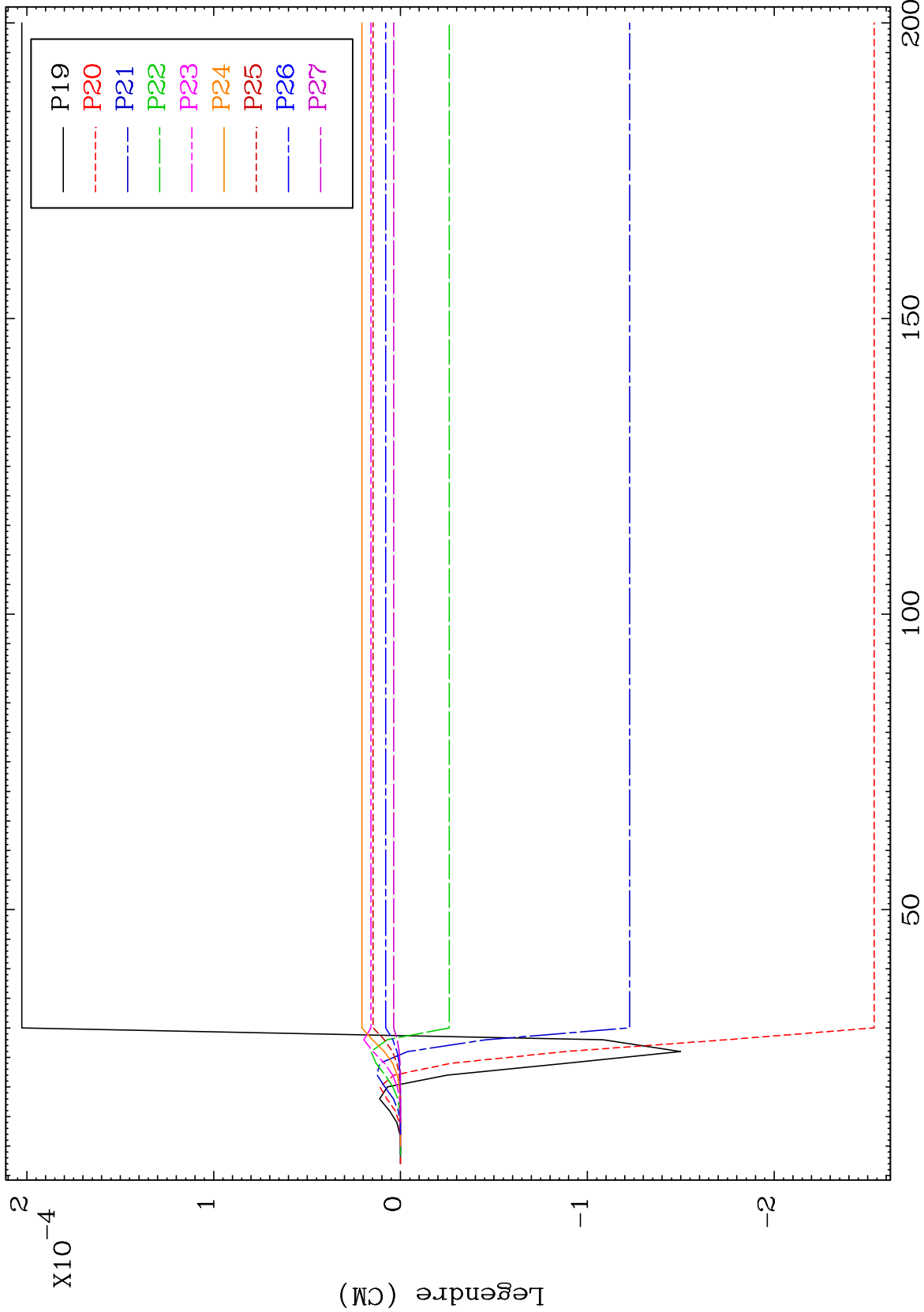
Incident Energy (MeV)

68-Er-167

MAT 6840

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

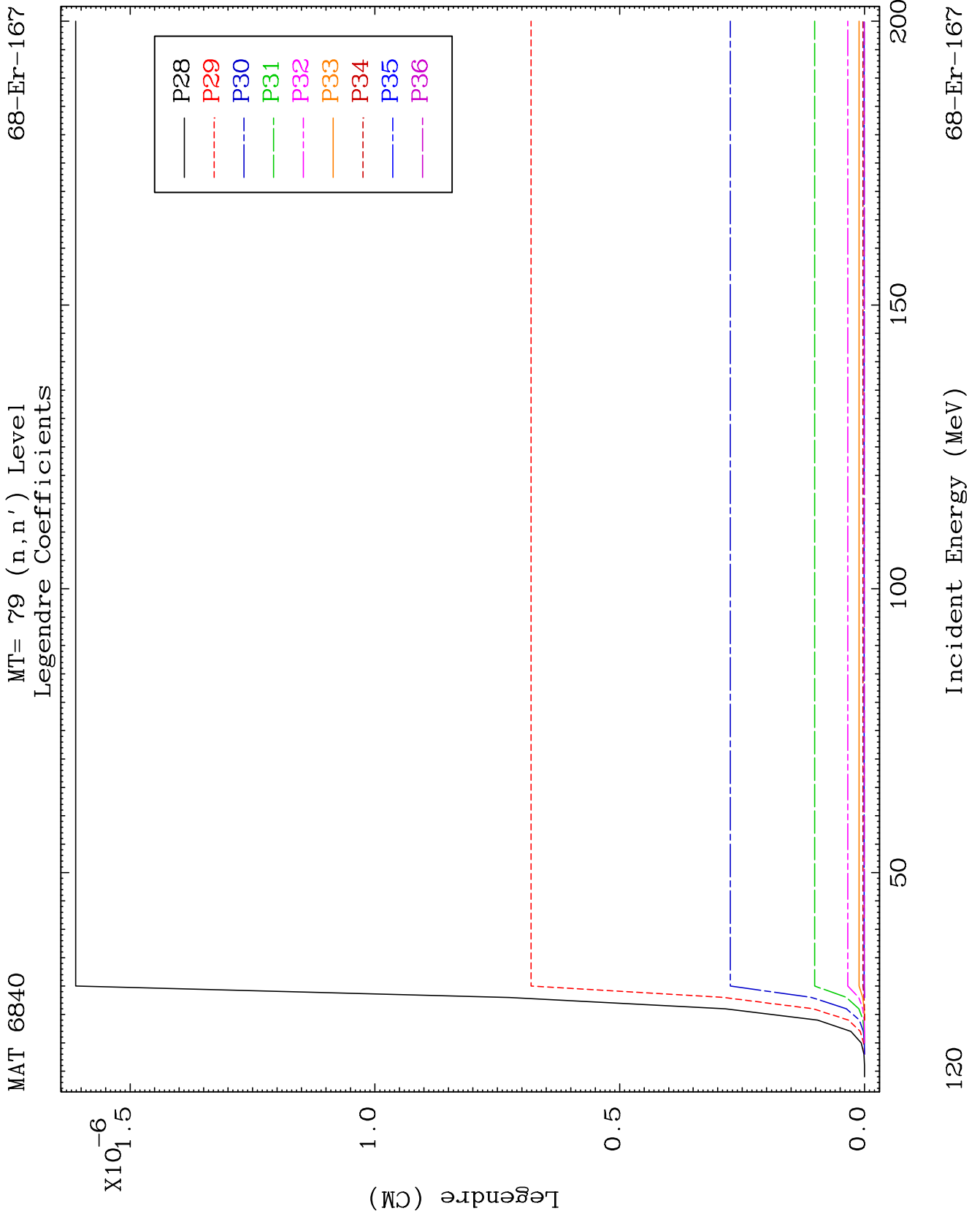
68-Er-167



119

Incident Energy (MeV)

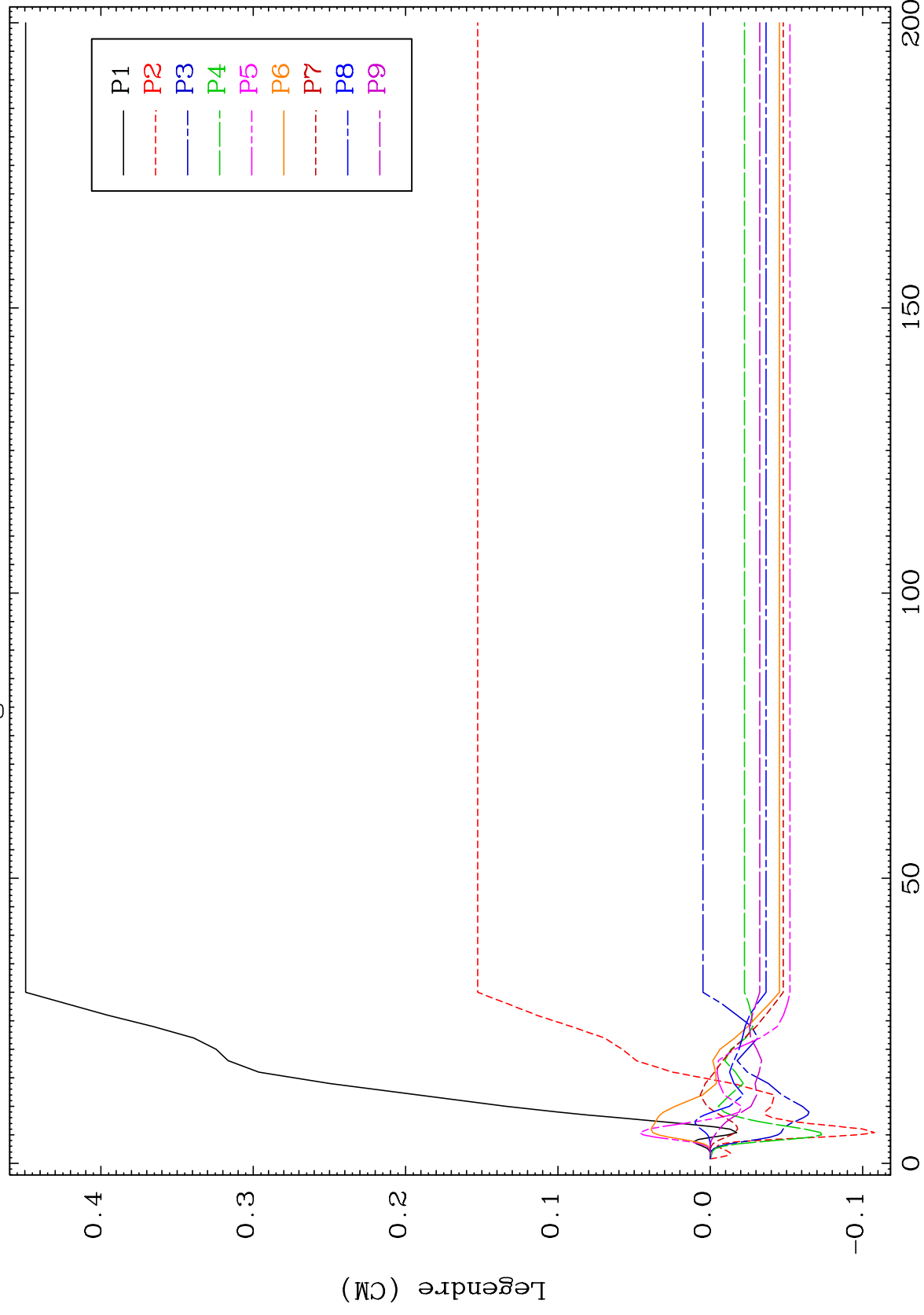
68-Er-167



MAT 6840

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

68-Er-167



121

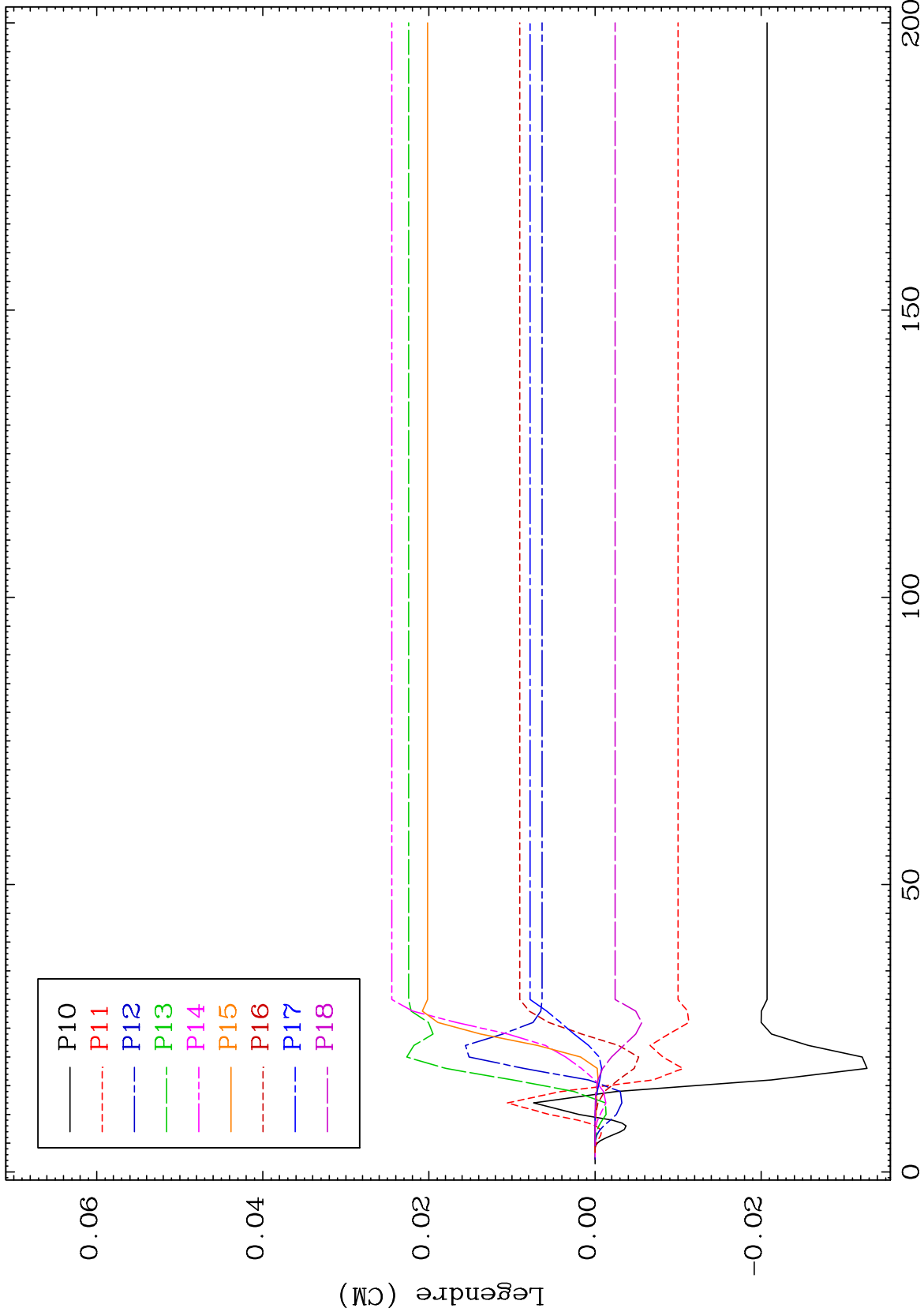
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



122

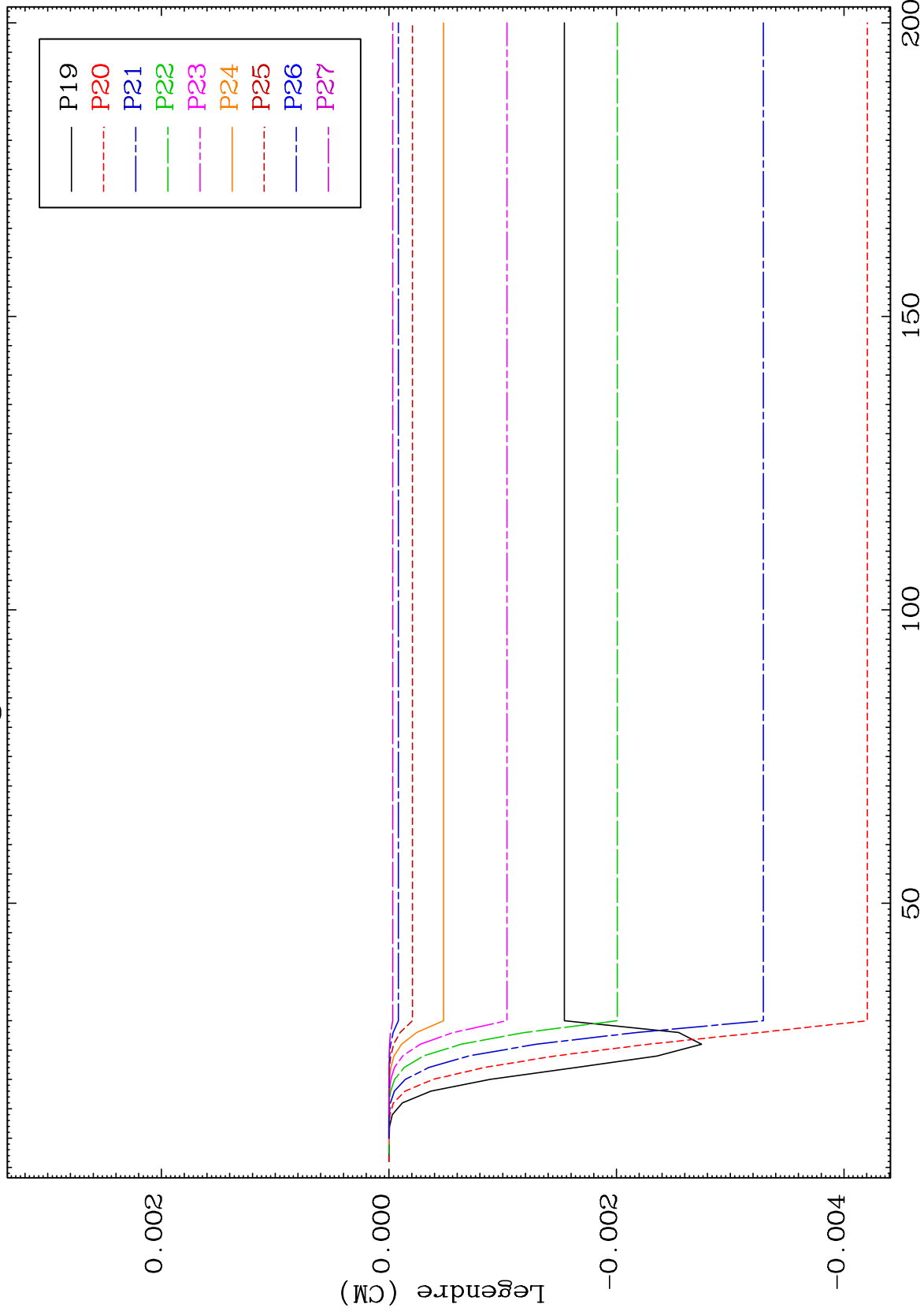
Incident Energy (MeV)

68-Er-167

MAT 6840

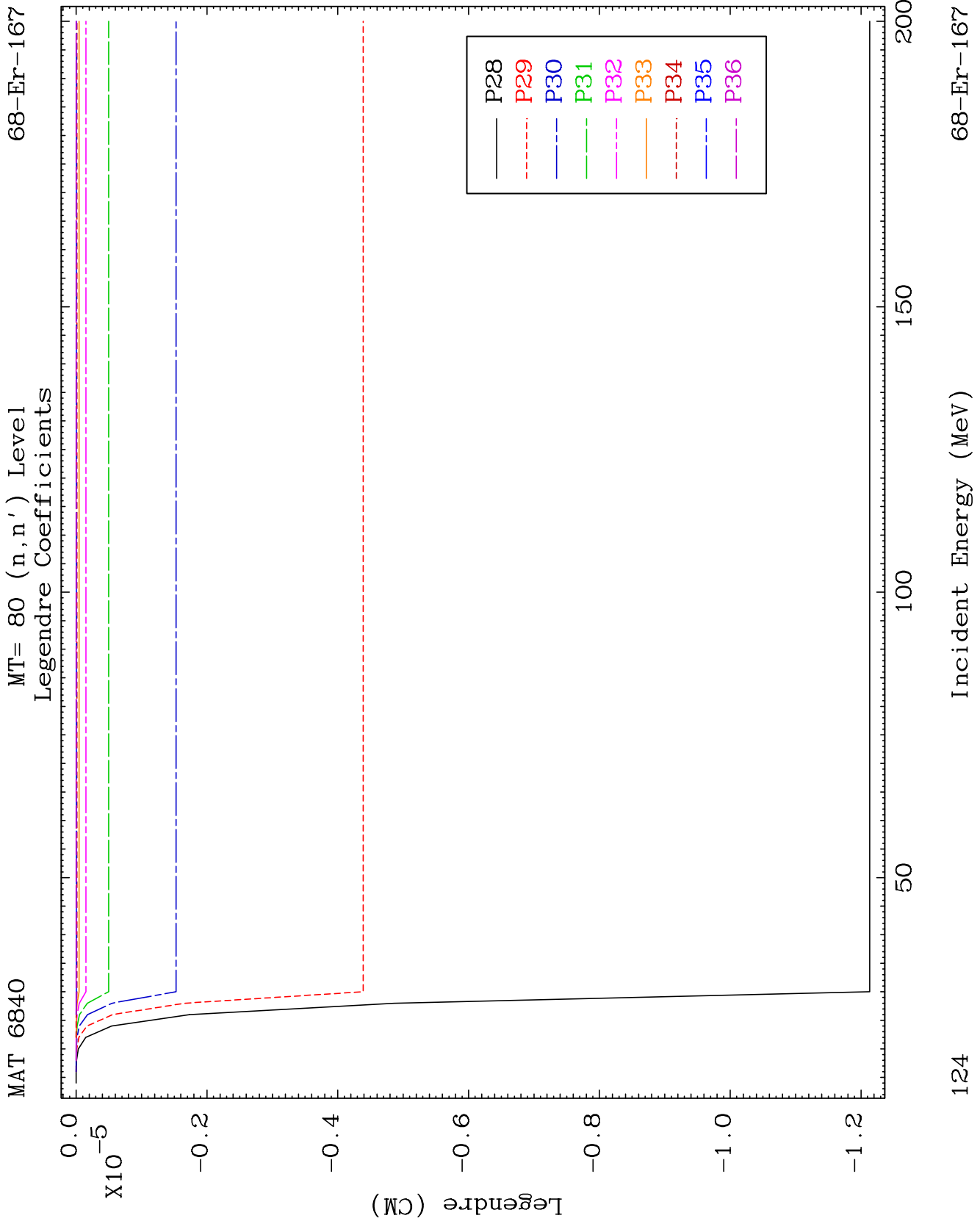
MT= 80 (n,n') Level
Legendre Coefficients

68-Er-167



123

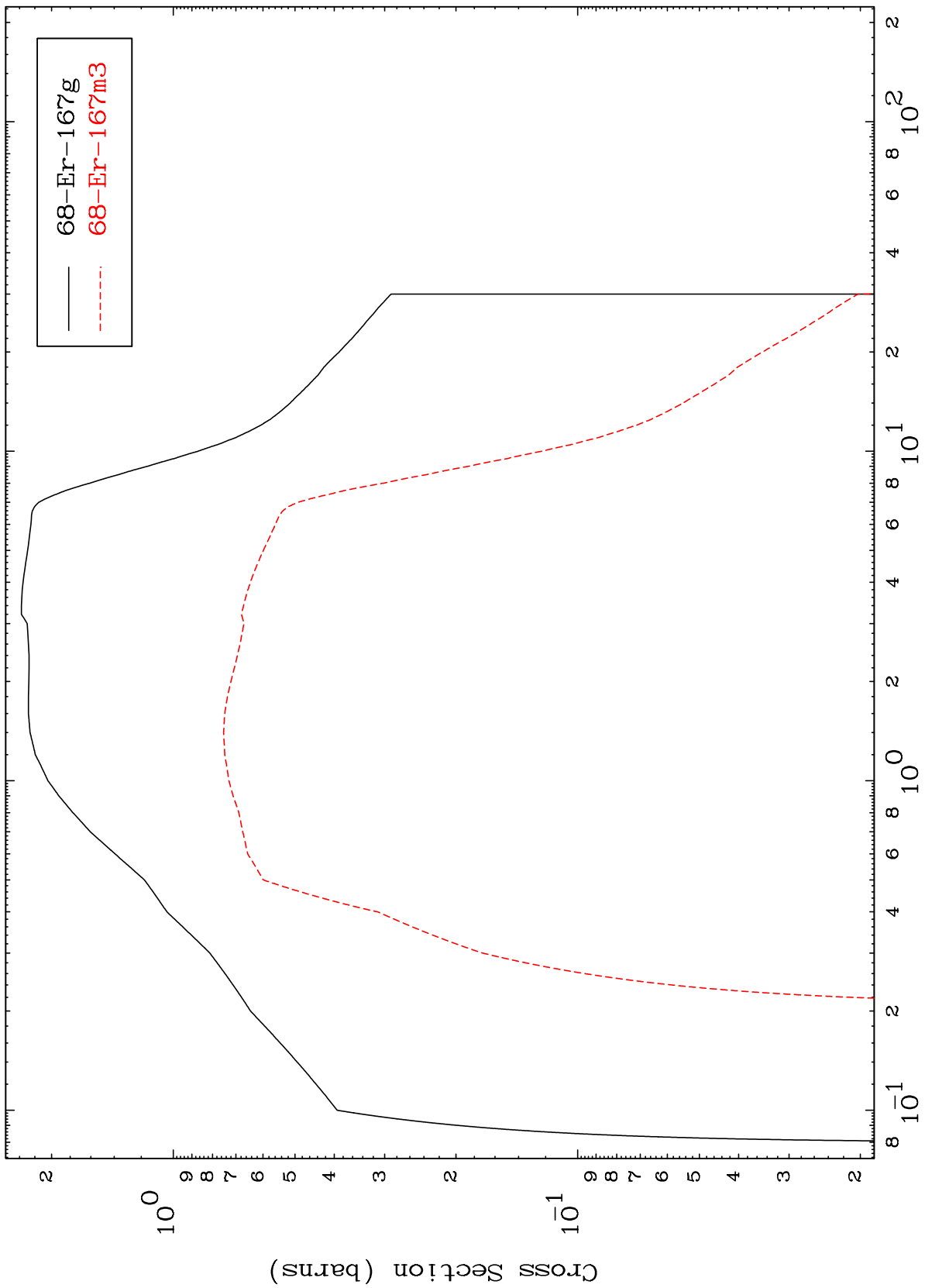
68-Er-167



MAT 6840

68-Er-167

Inelastic Radionuclide Production Cross Section



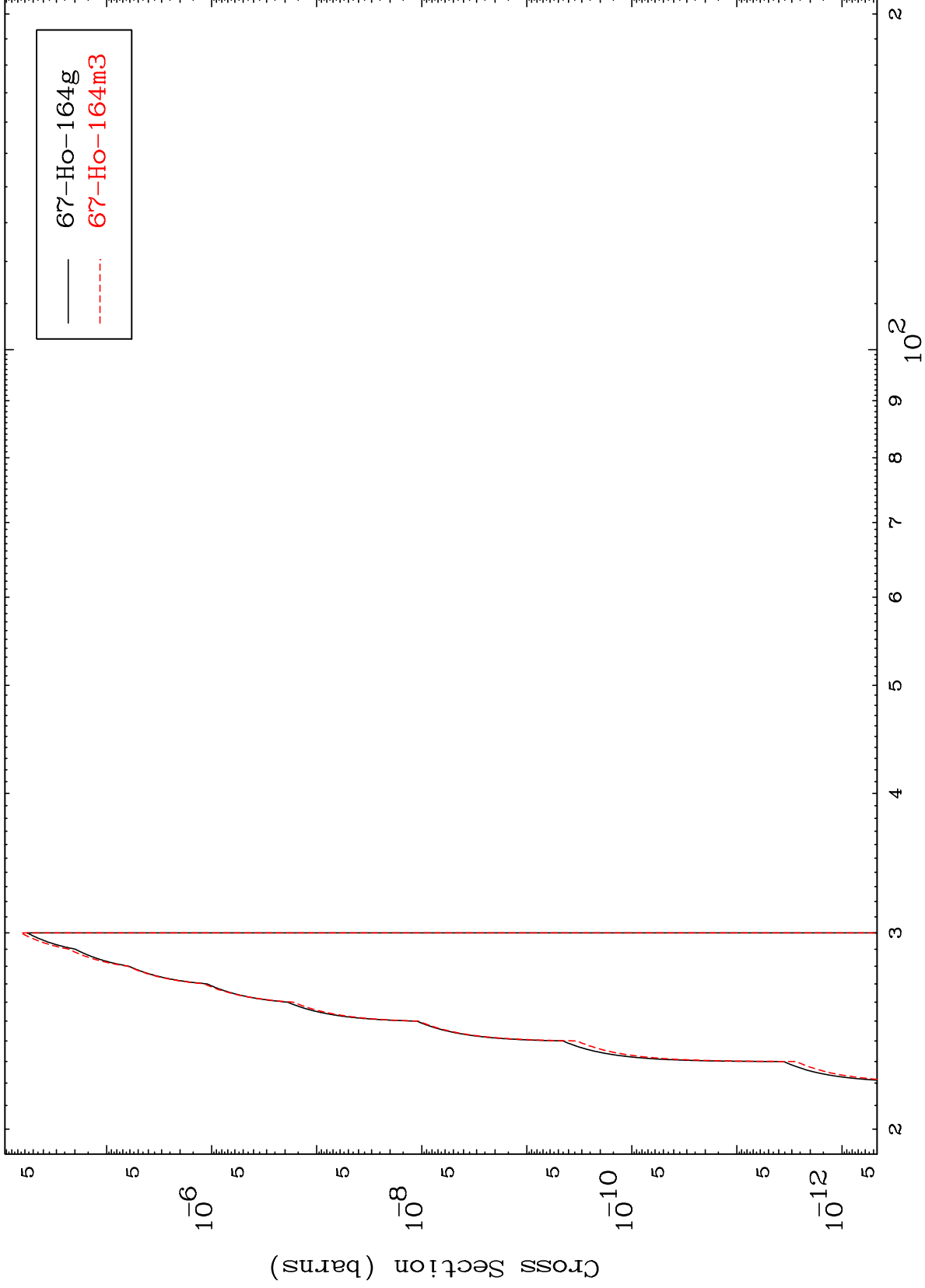
68-Er-167g
68-Er-167m3

125

Incident Energy (MeV)

68-Er-167

Radionuclide Production Cross Section

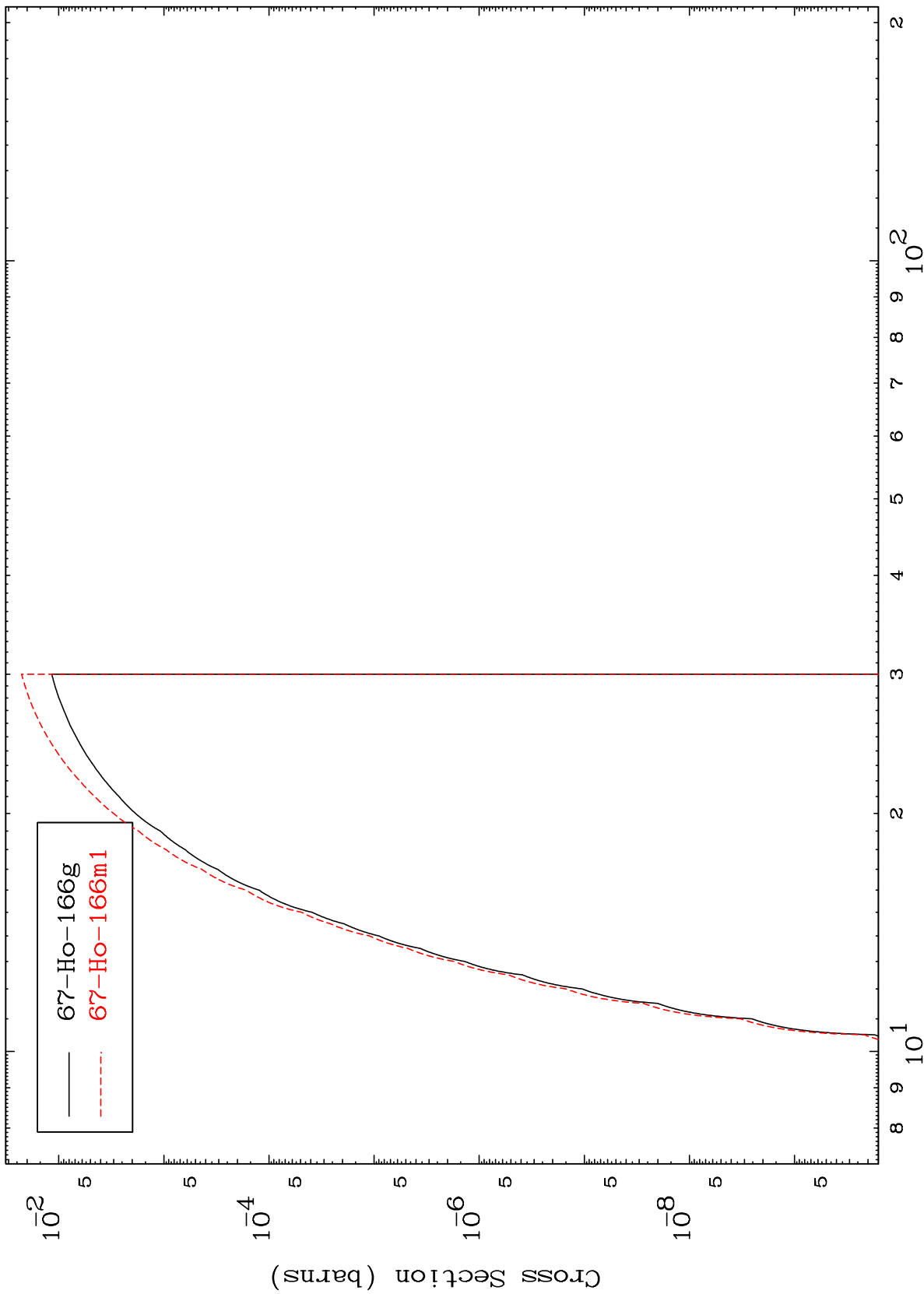


MAT 6840

(n,n') p

68-Er-167

Radionuclide Production Cross Section



127

Incident Energy (MeV)

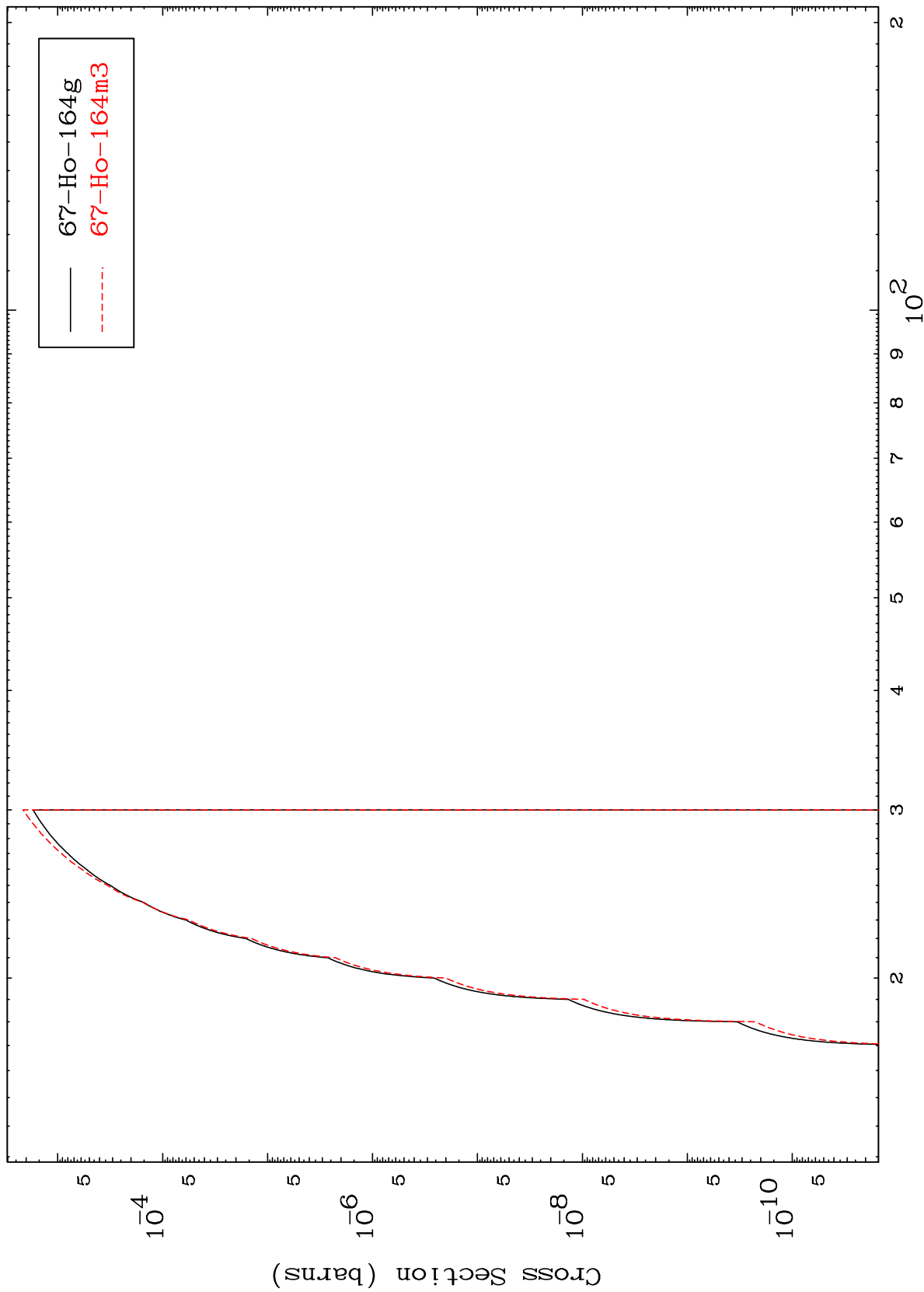
68-Er-167

MAT 6840

(n,n') t

68-Er-167

Radionuclide Production Cross Section

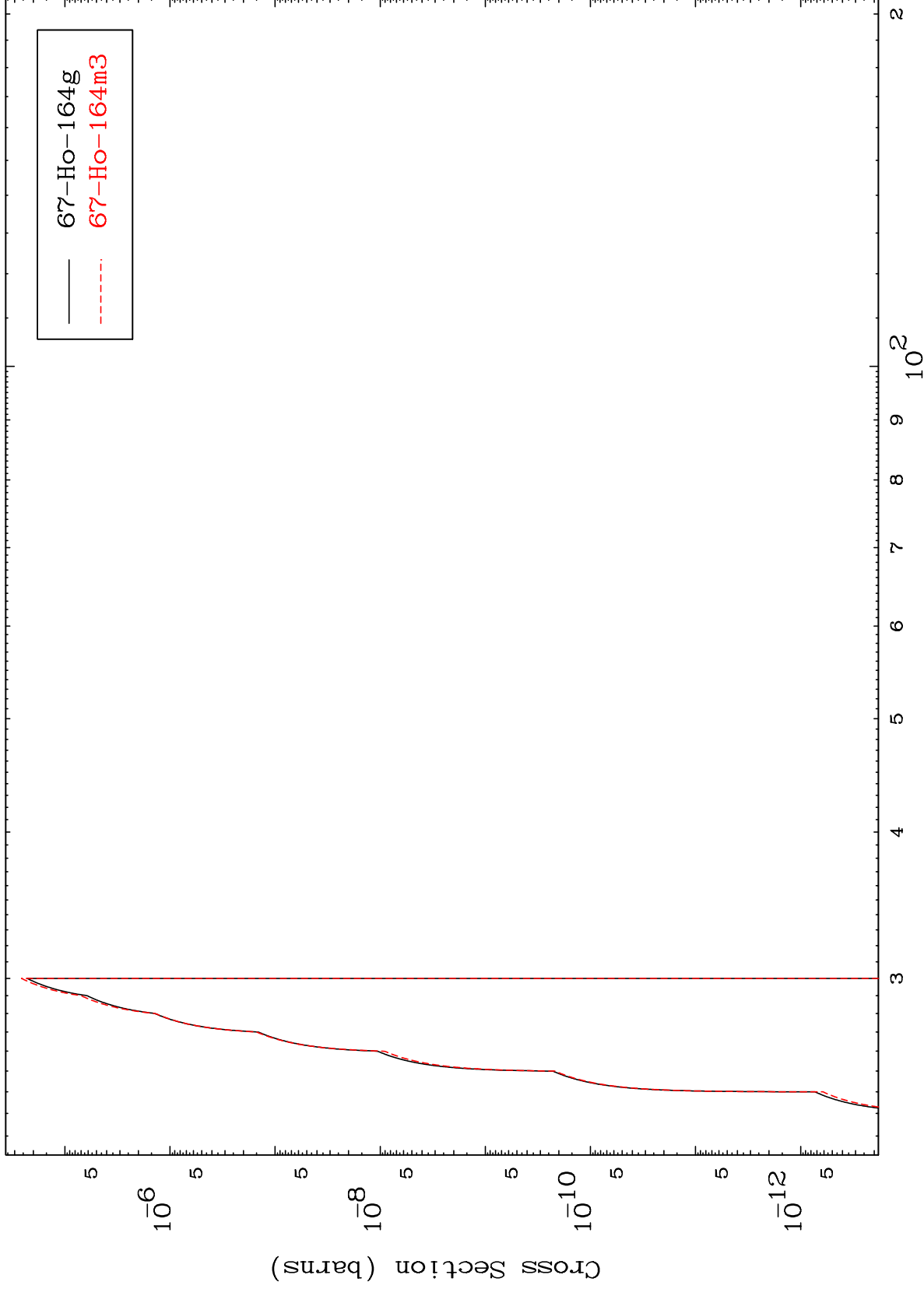


128

Incident Energy (MeV)

68-Er-167

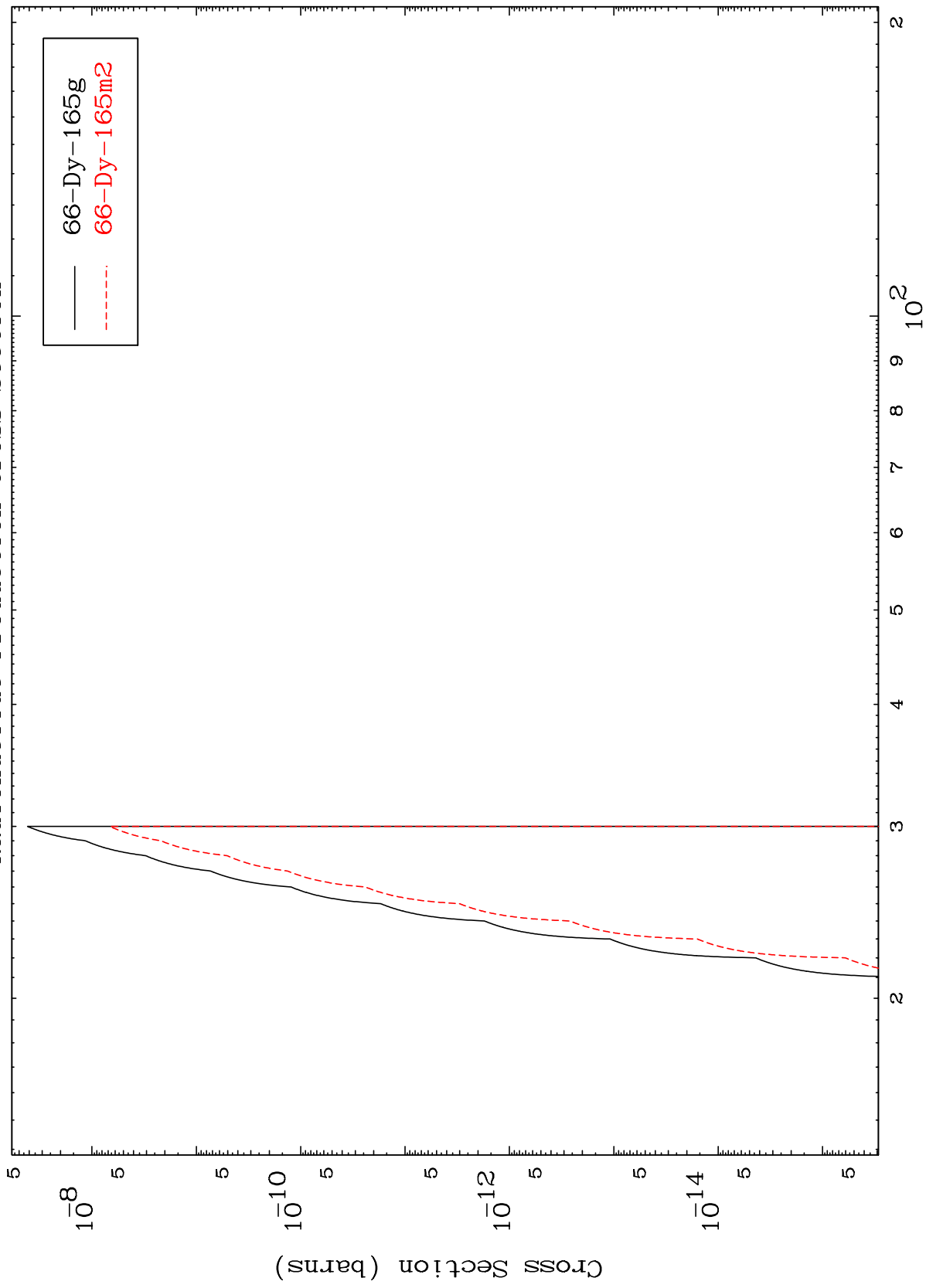
Radionuclide Production Cross Section



MAT 6840

68-Er-167

(n,2n) p
Radionuclide Production Cross Section



130

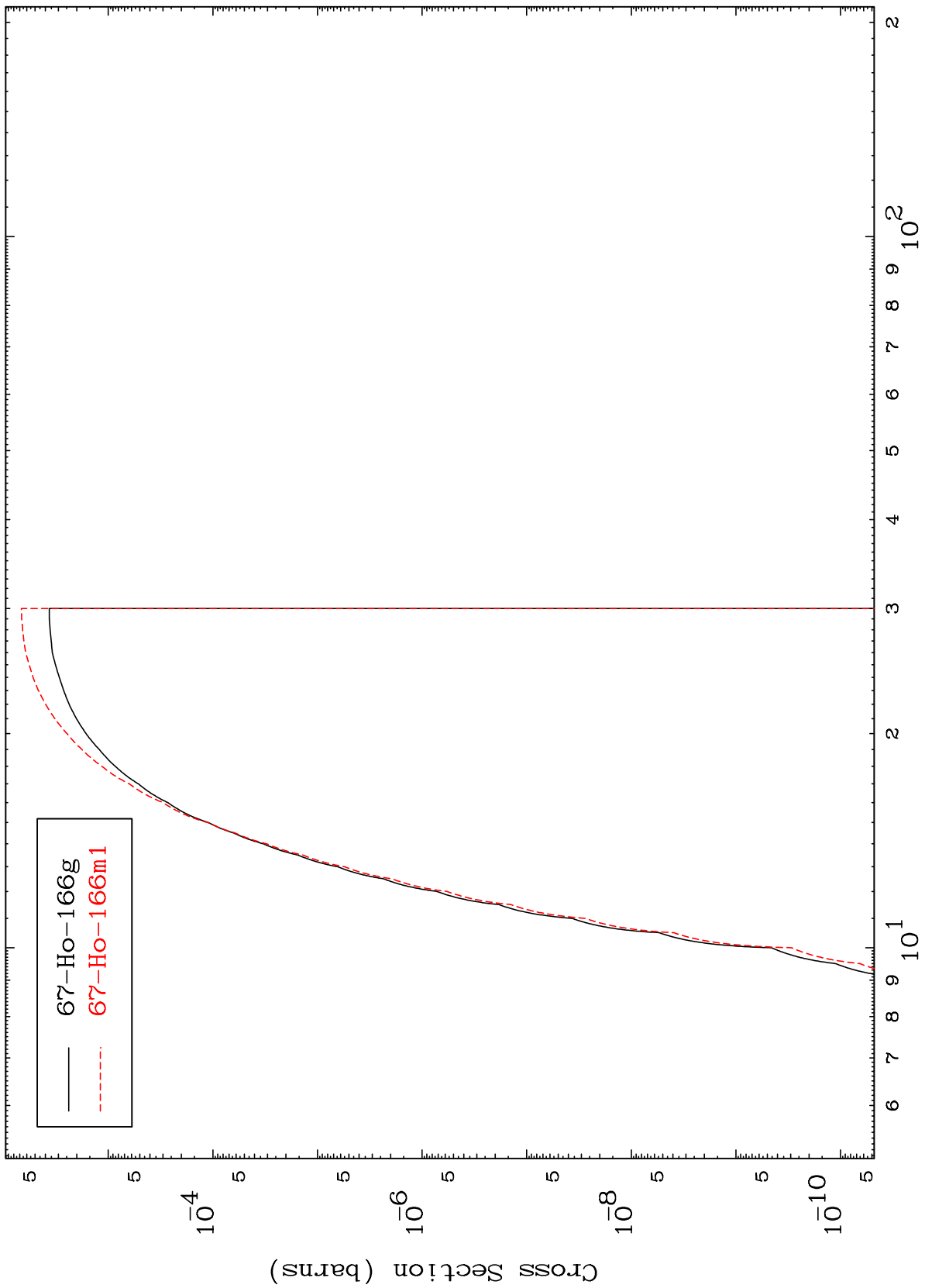
68-Er-167

Incident Energy (MeV)

MAT 6840

68-Er-167

(n,d)
Radionuclide Production Cross Section



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

Incident Energy (MeV)

68-Er-167

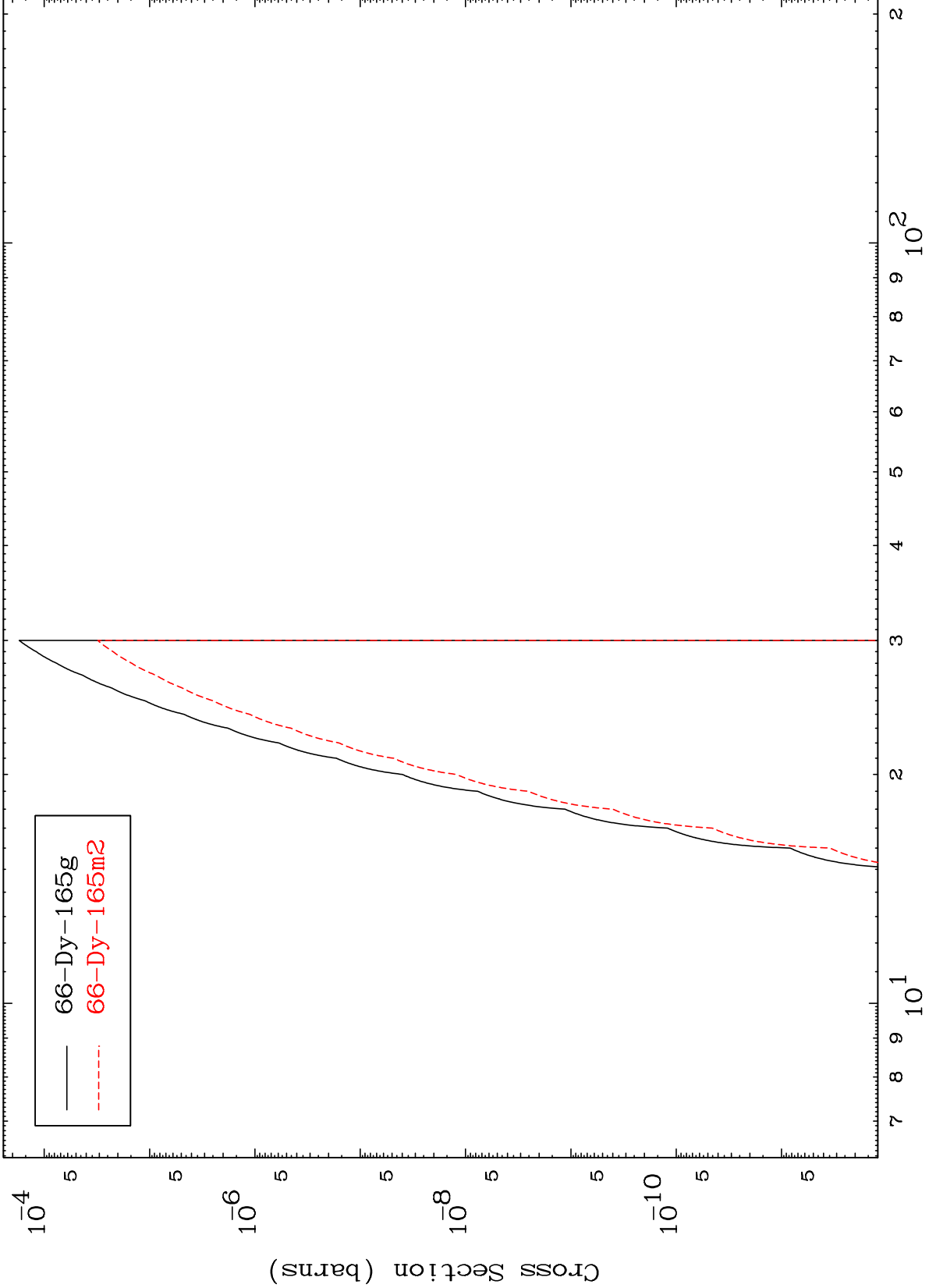
131

MAT 6840

(n,He-3)

68-Er-167

Radionuclide Production Cross Section



66-Dy-165g
66-Dy-165m2

132

Incident Energy (MeV)

68-Er-167