

Program EVALPLOT
(Version 2018-1)

by

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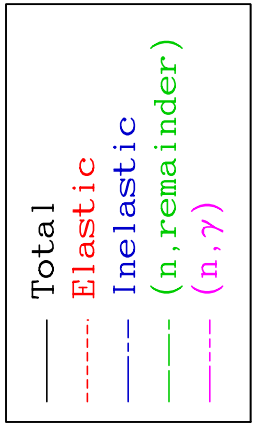
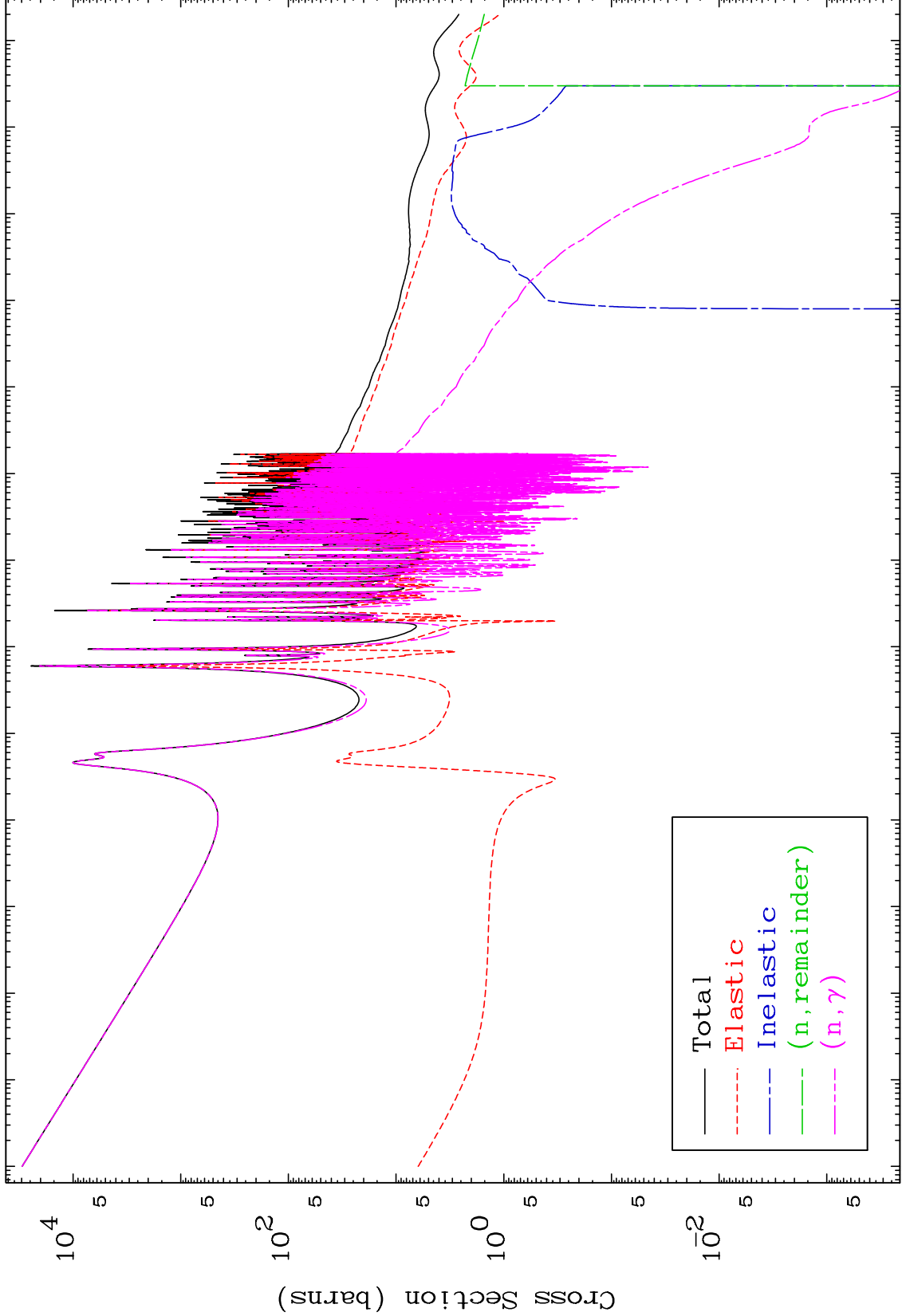
Press Mouse Button to Start

MAT 6840

Major

293 Kelvin Cross Sections

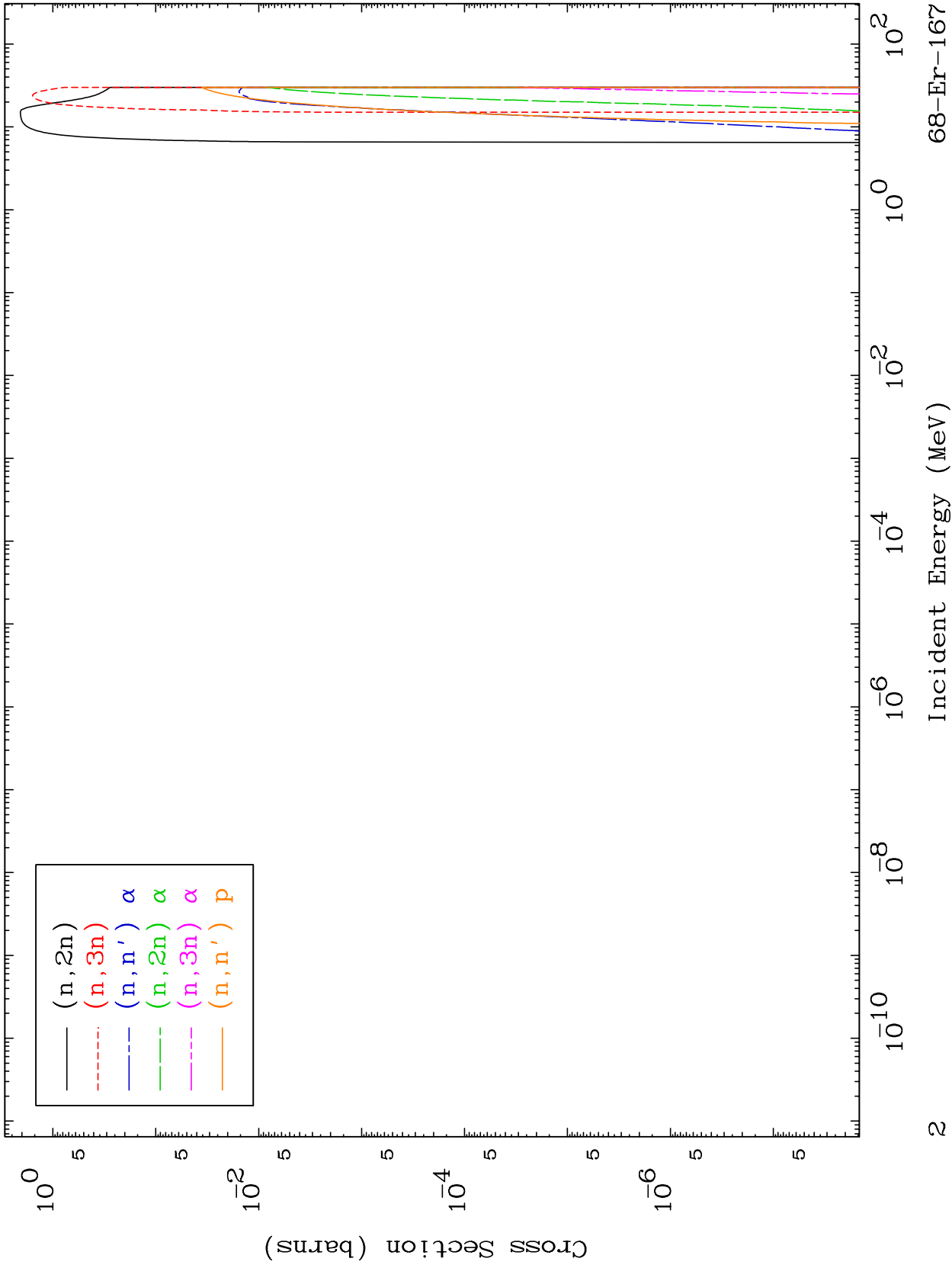
68-Er-167

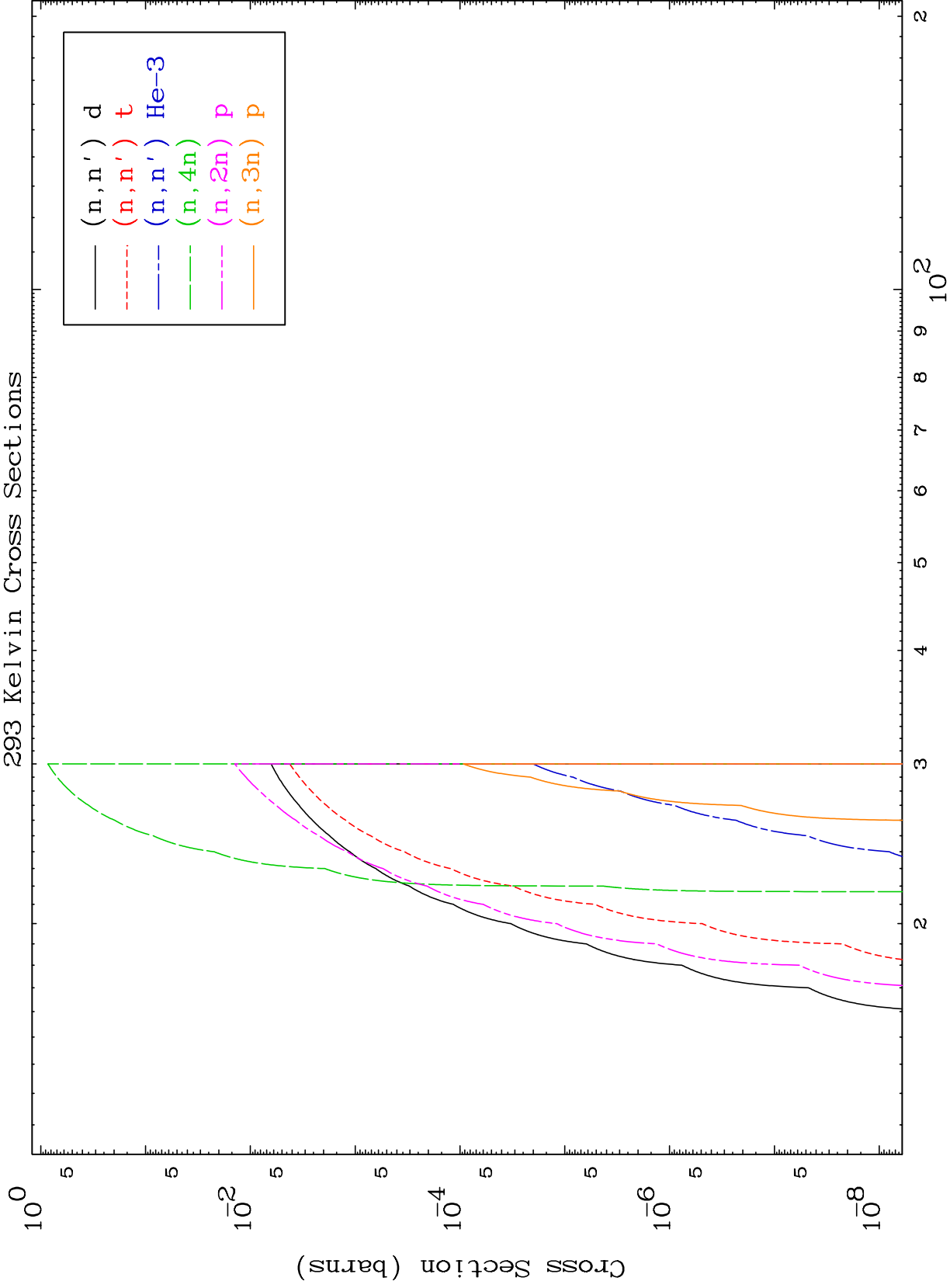


MAT 6840

Neutron Production
293 Kelvin Cross Sections

68-Er-167

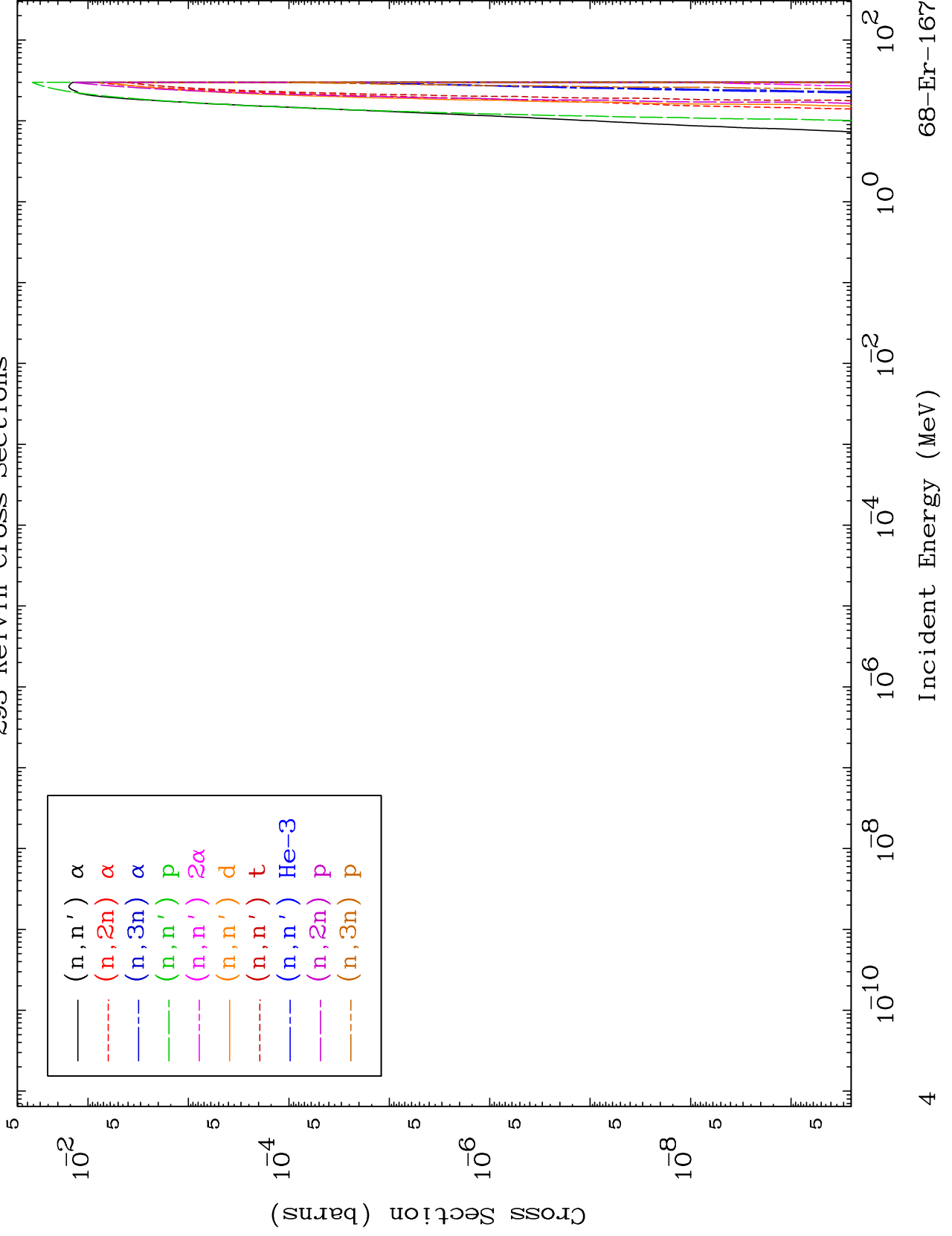




MAT 6840

Charged Particle
293 Kelvin Cross Sections

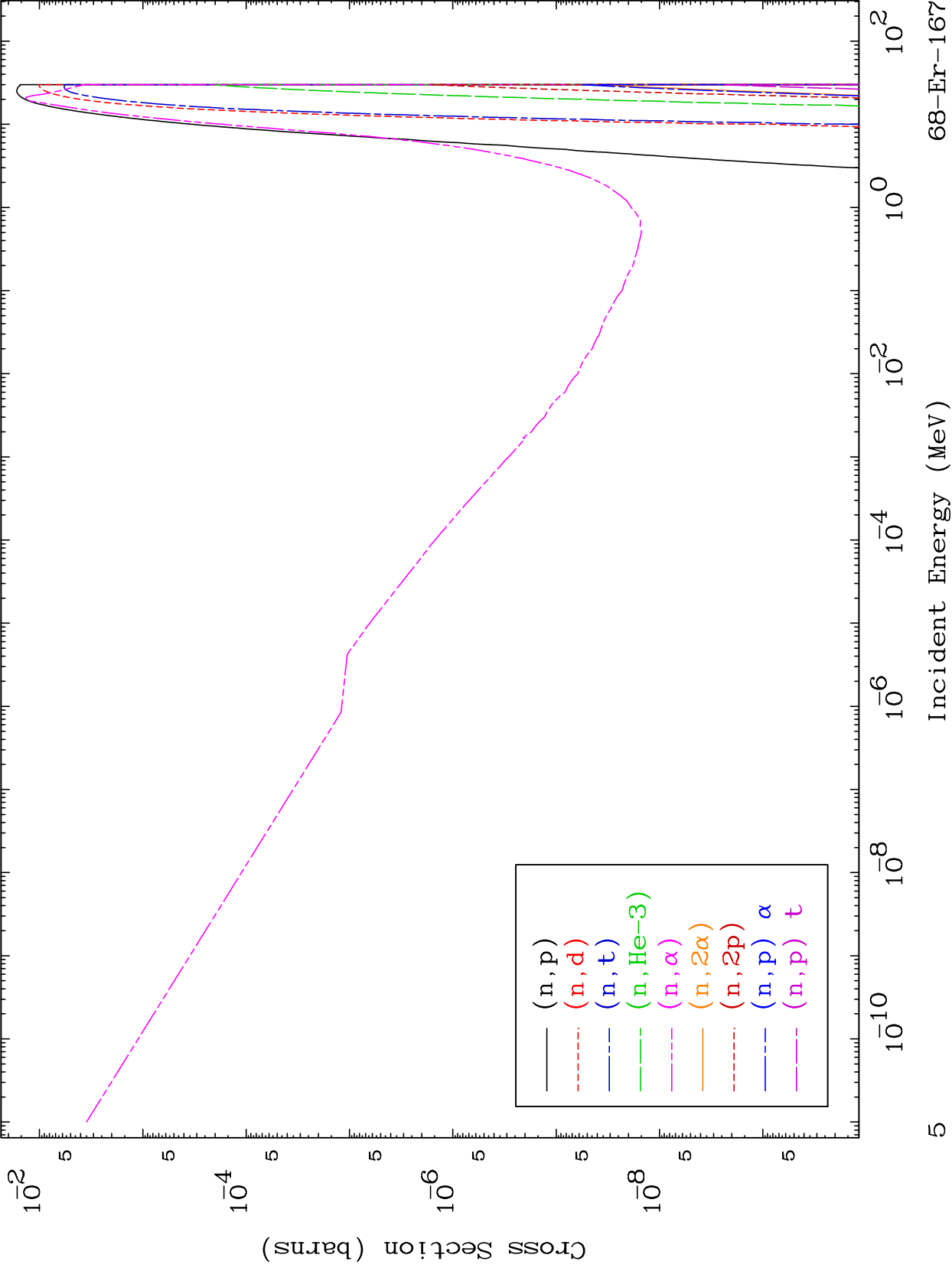
68-Er-167



MAT 6840

Charged Particle
293 Kelvin Cross Sections

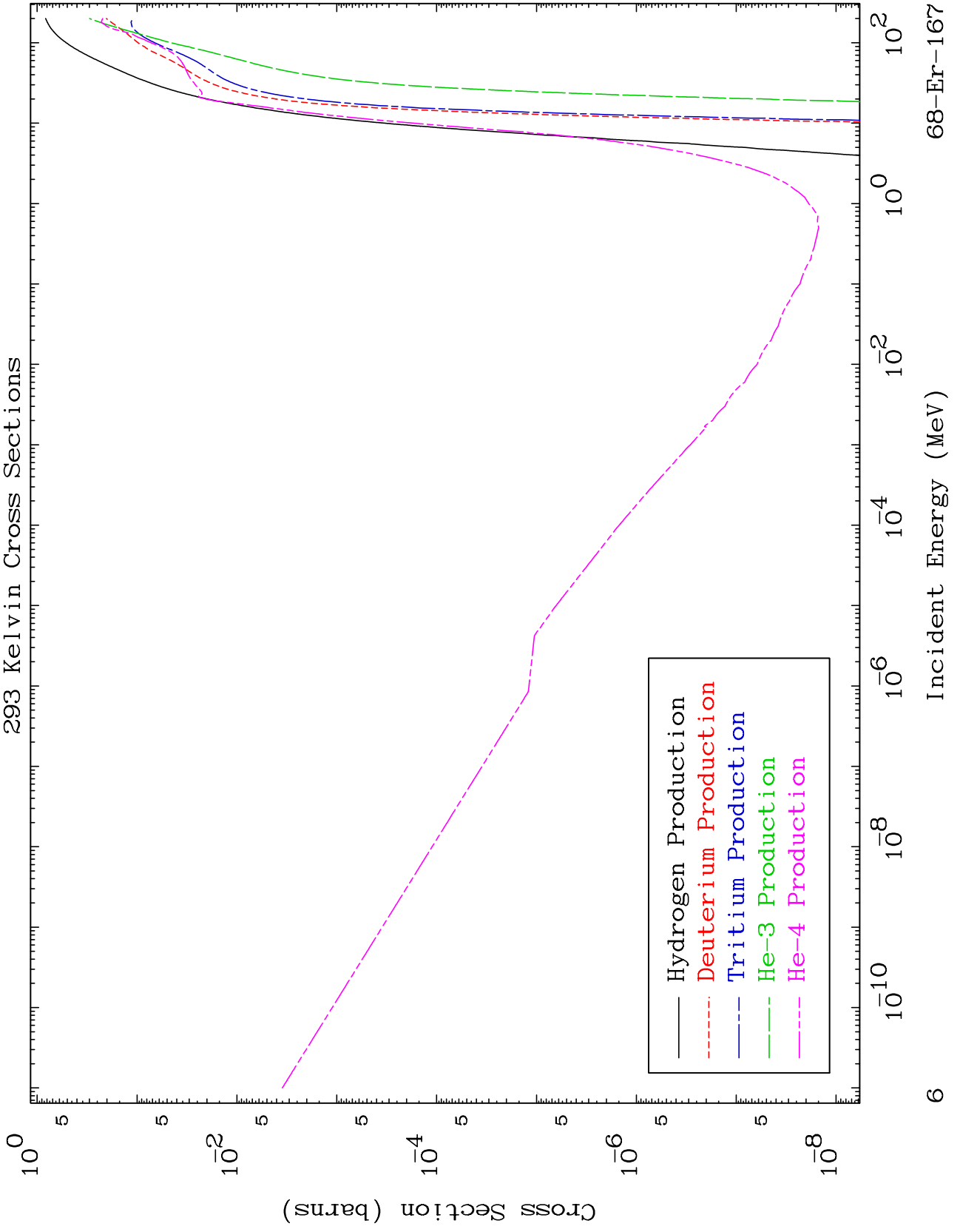
68-Er-167



MAT 6840

Particle Production
293 Kelvin Cross Sections

68-Er-167

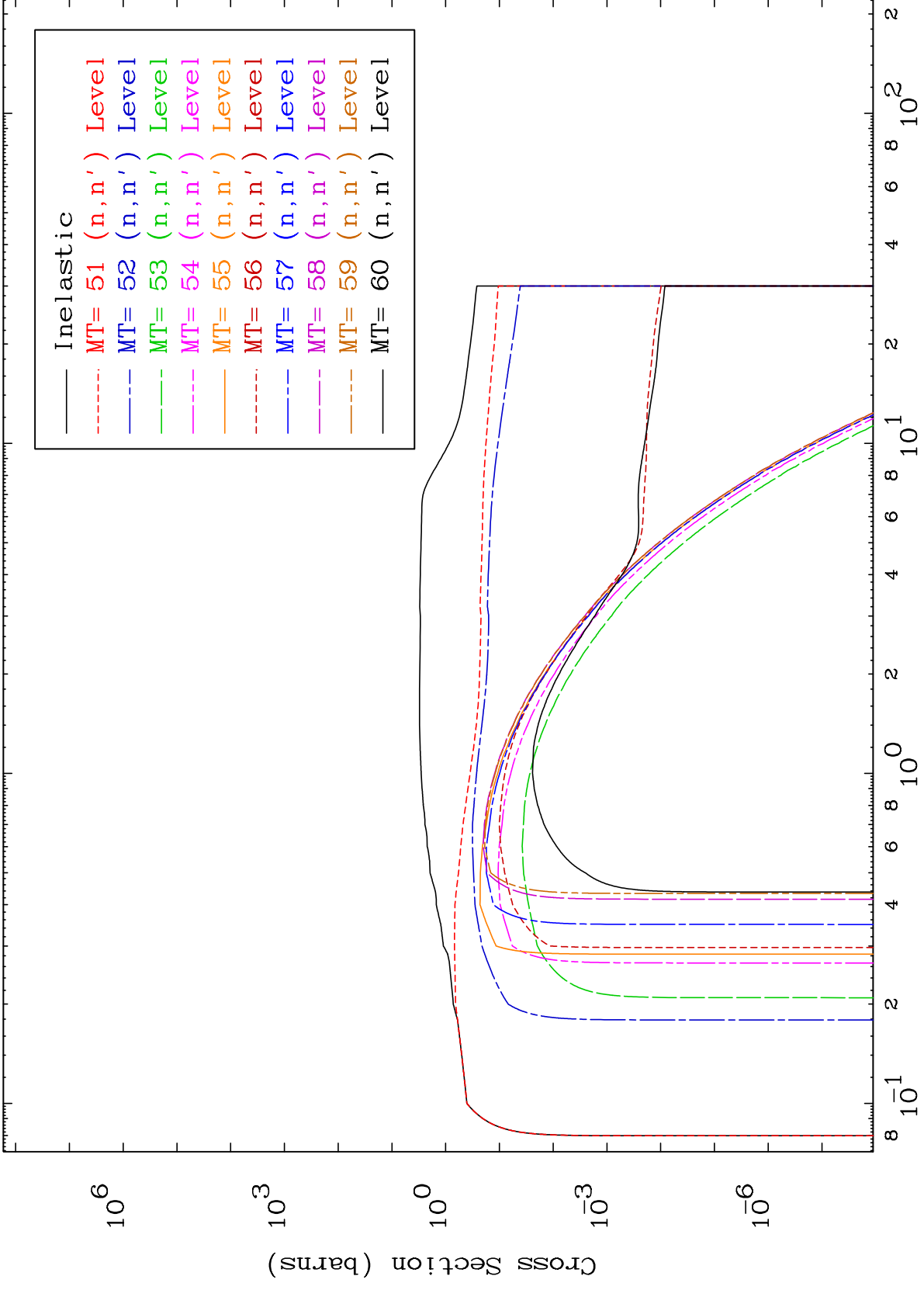


MAT 6840

(n,n') Level

68-Er-167

293 Kelvin Cross Sections



Incident Energy (MeV)

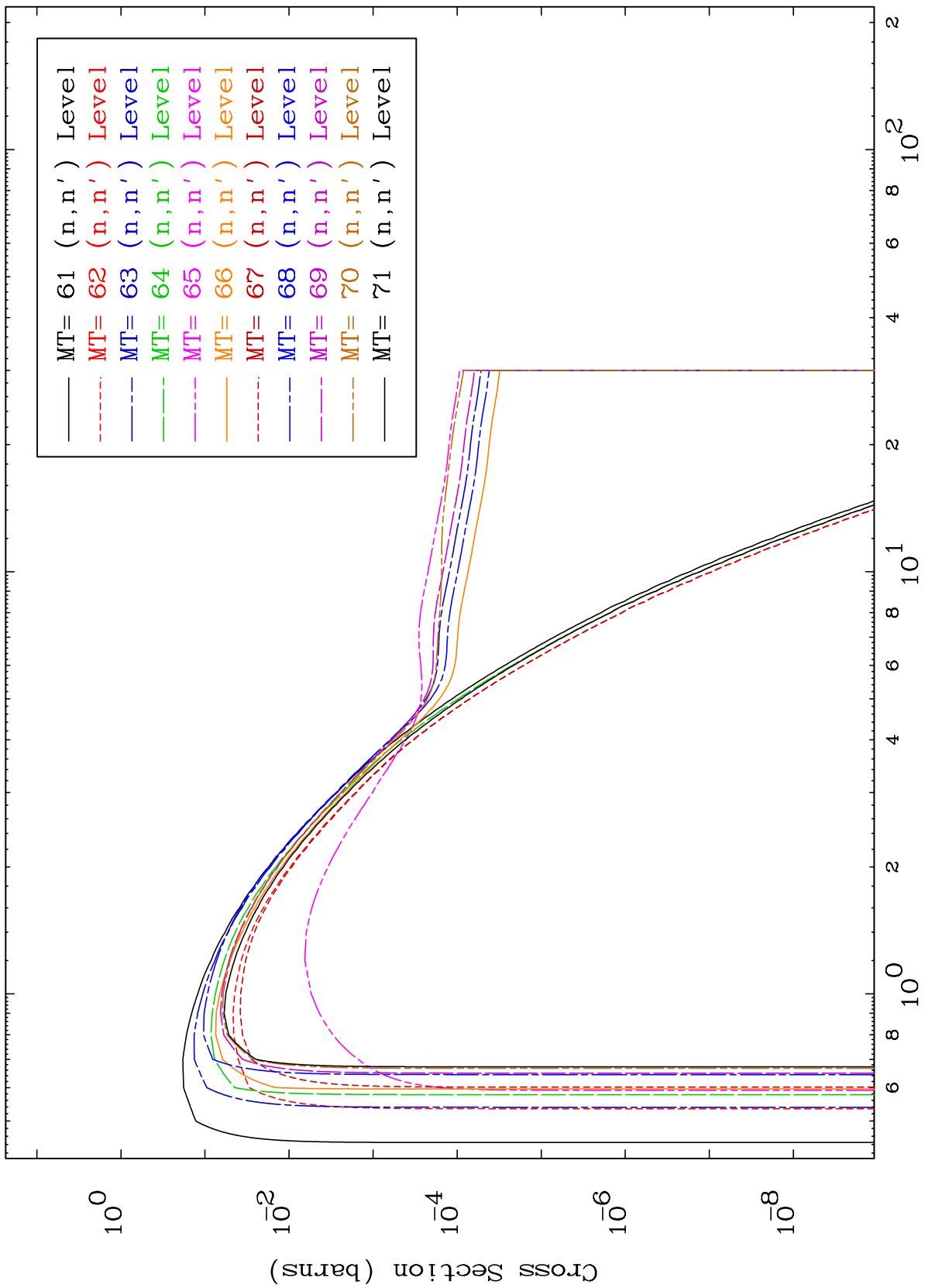
68-Er-167

MAT 6840

(n,n') Level

293 Kelvin Cross Sections

68-Er-167

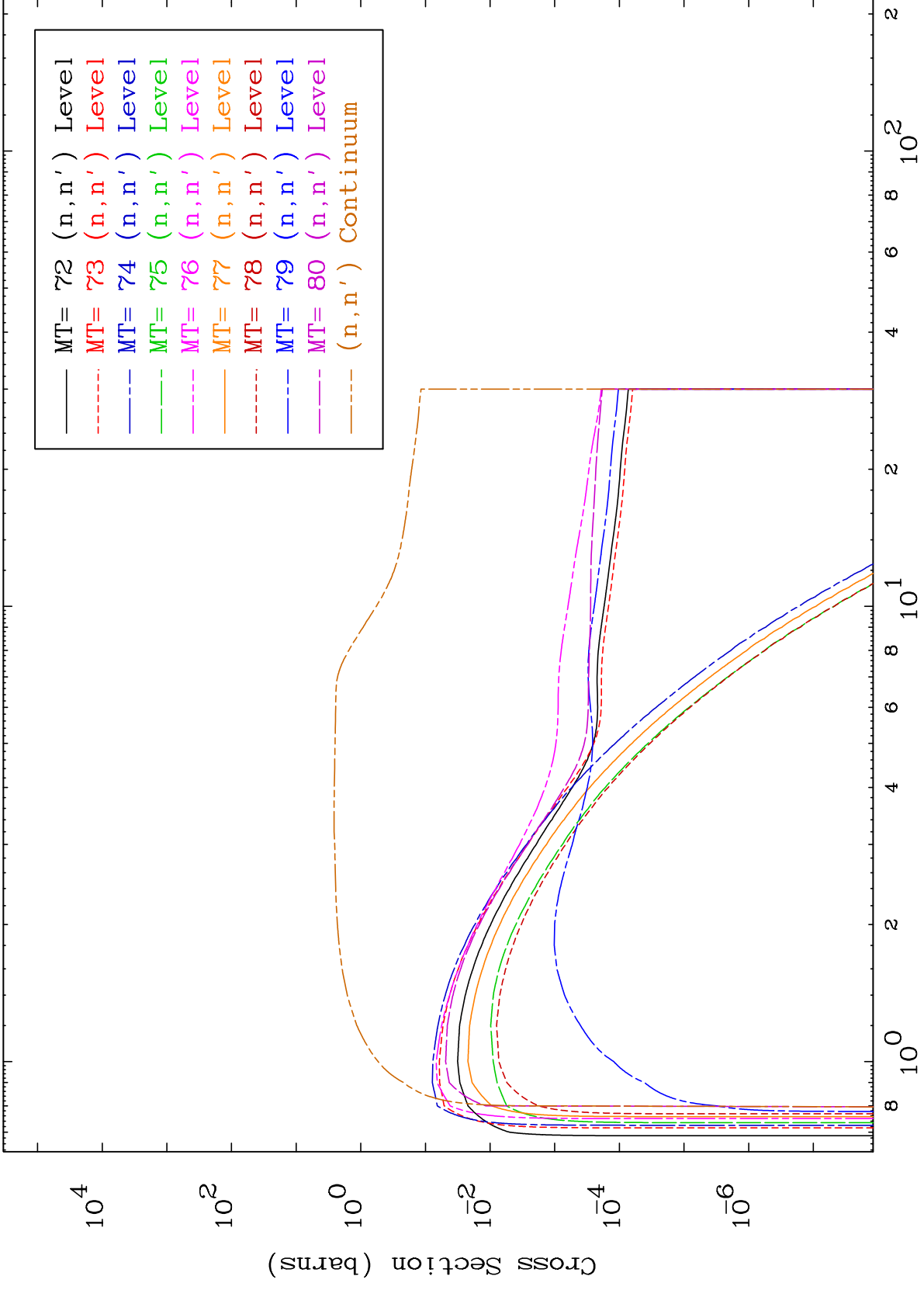


8

Incident Energy (MeV)

68-Er-167

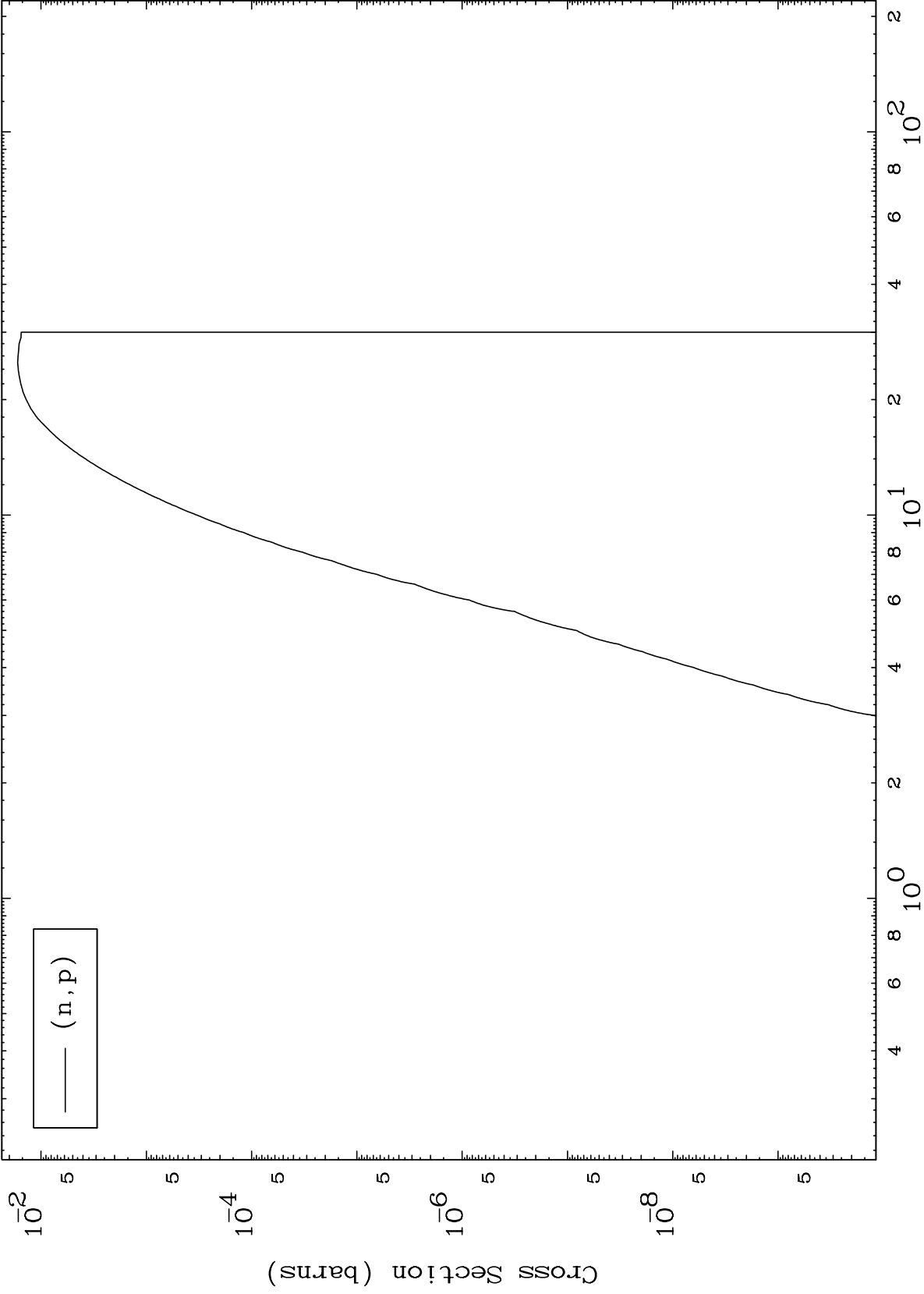
293 Kelvin Cross Sections



MAT 6840

(n,p) Levels
293 Kelvin Cross Sections

68-Er-167



10

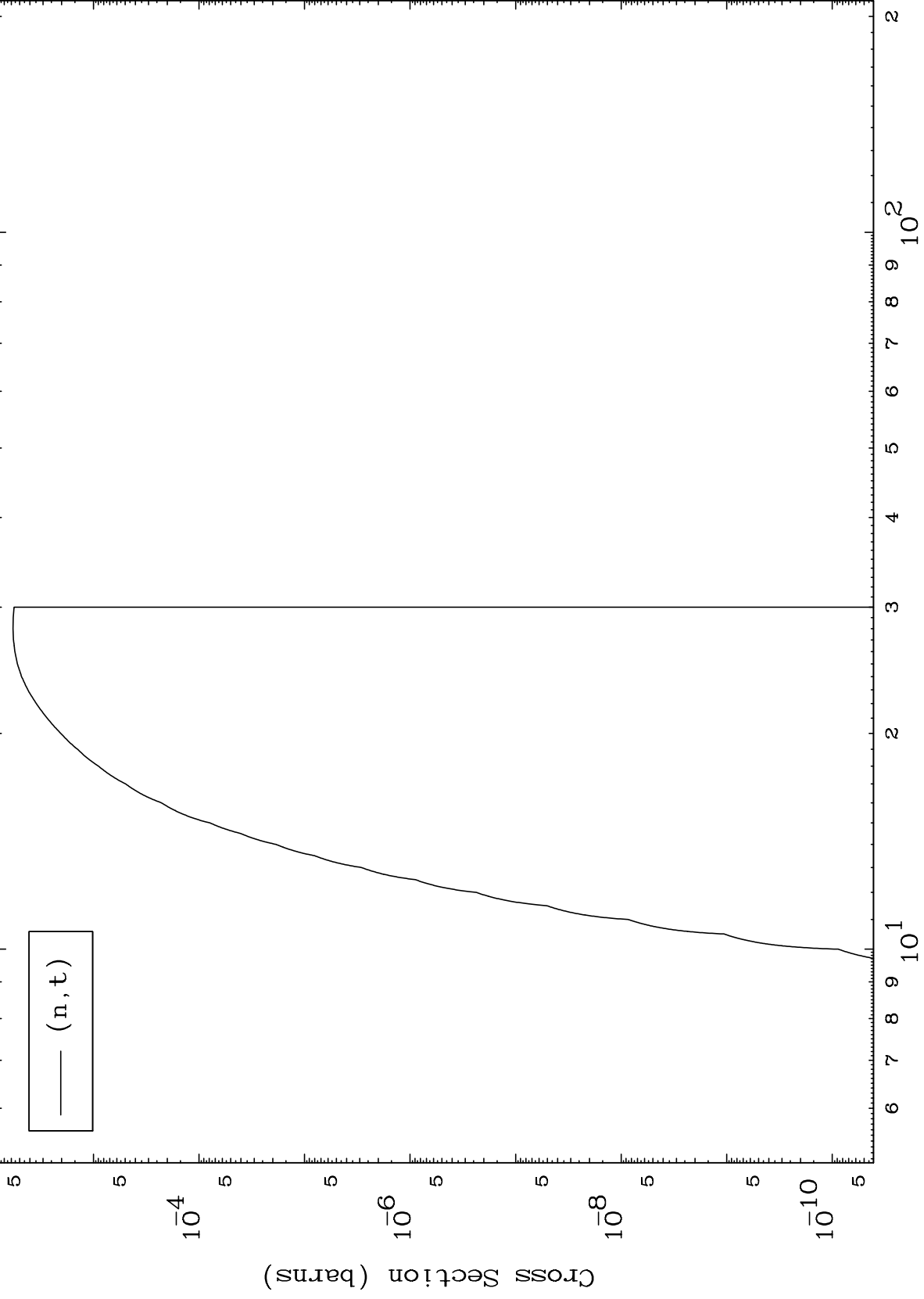
Incident Energy (MeV)

68-Er-167

MAT 6840

(n,t) Levels
293 Kelvin Cross Sections

68-Er-167



(n,t)

Incident Energy (MeV)

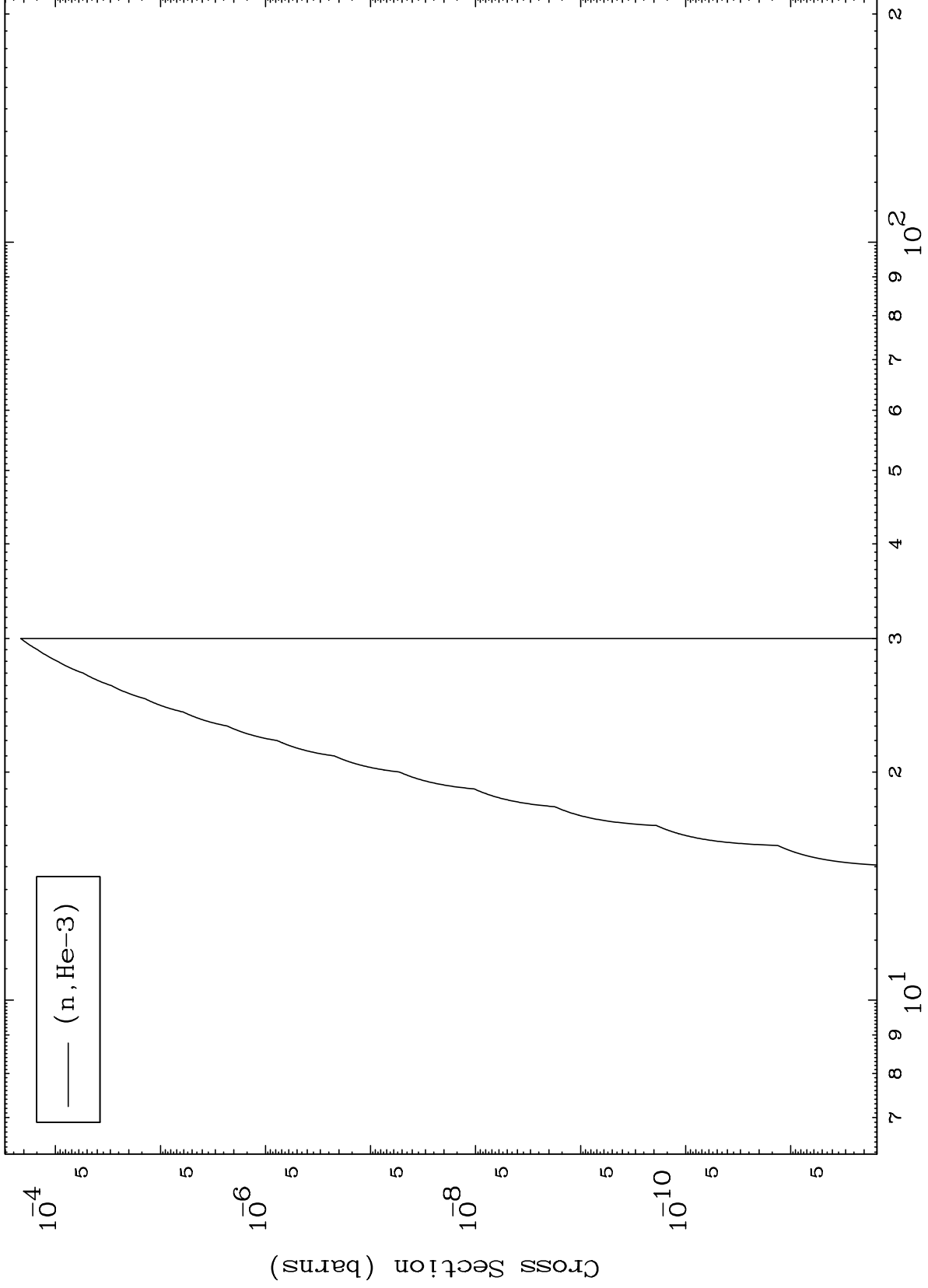
68-Er-167

12

MAT 6840

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-167



13

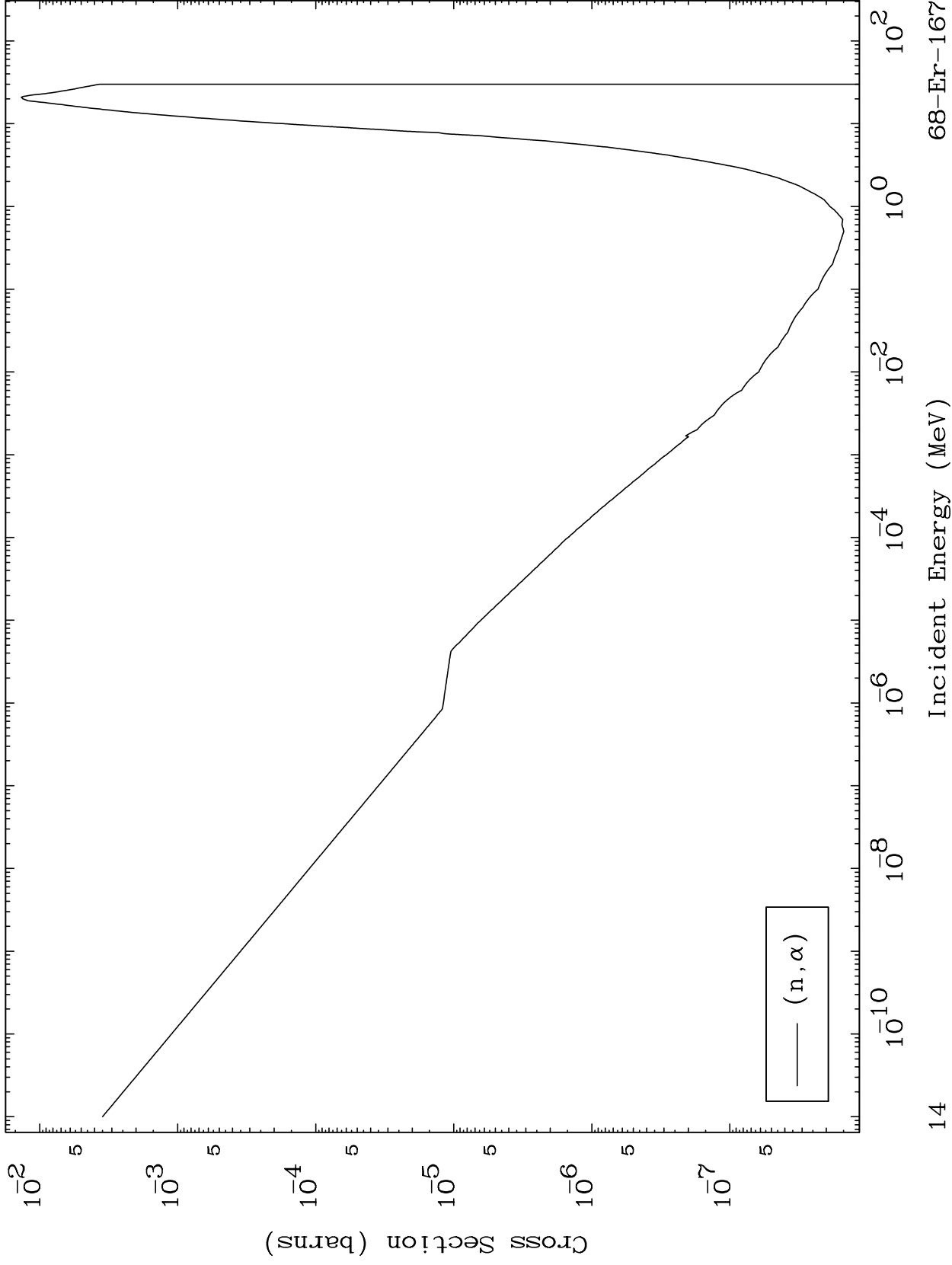
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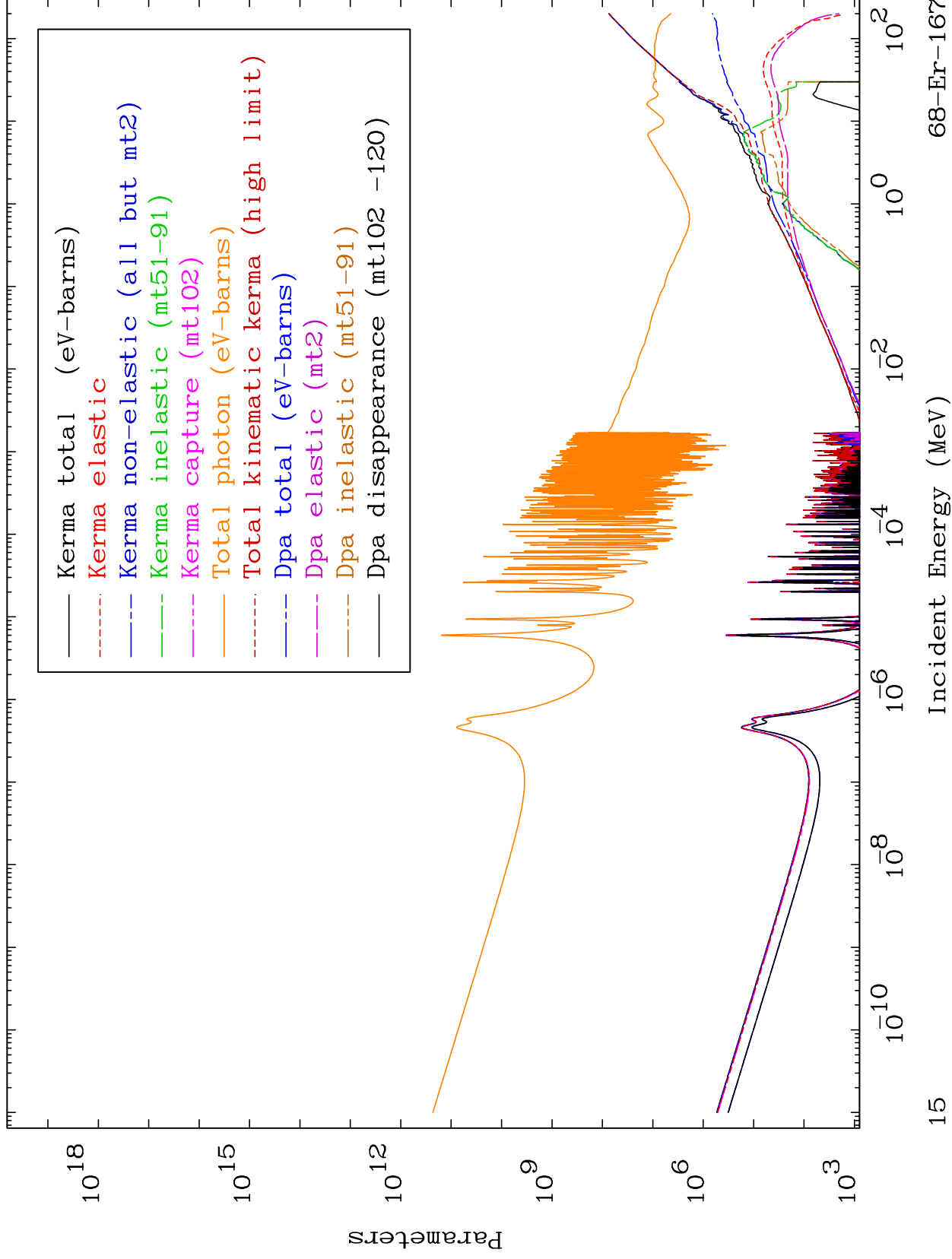
68-Er-167

MAT 6840

(n,α) Levels
293 Kelvin Cross Sections

68-Er-167

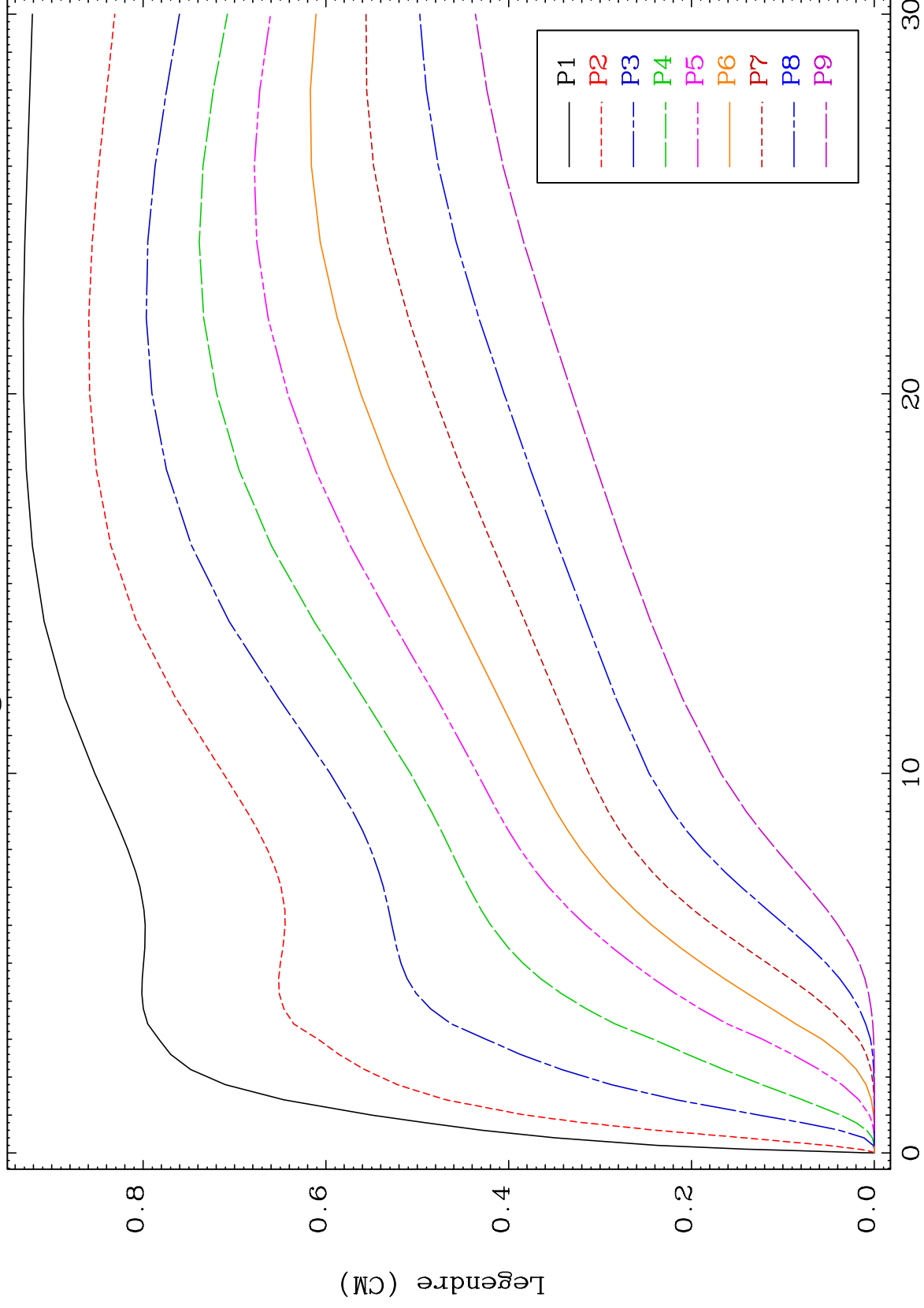




MAT 6840

Elastic Legendre Coefficients

68-Er-167



16

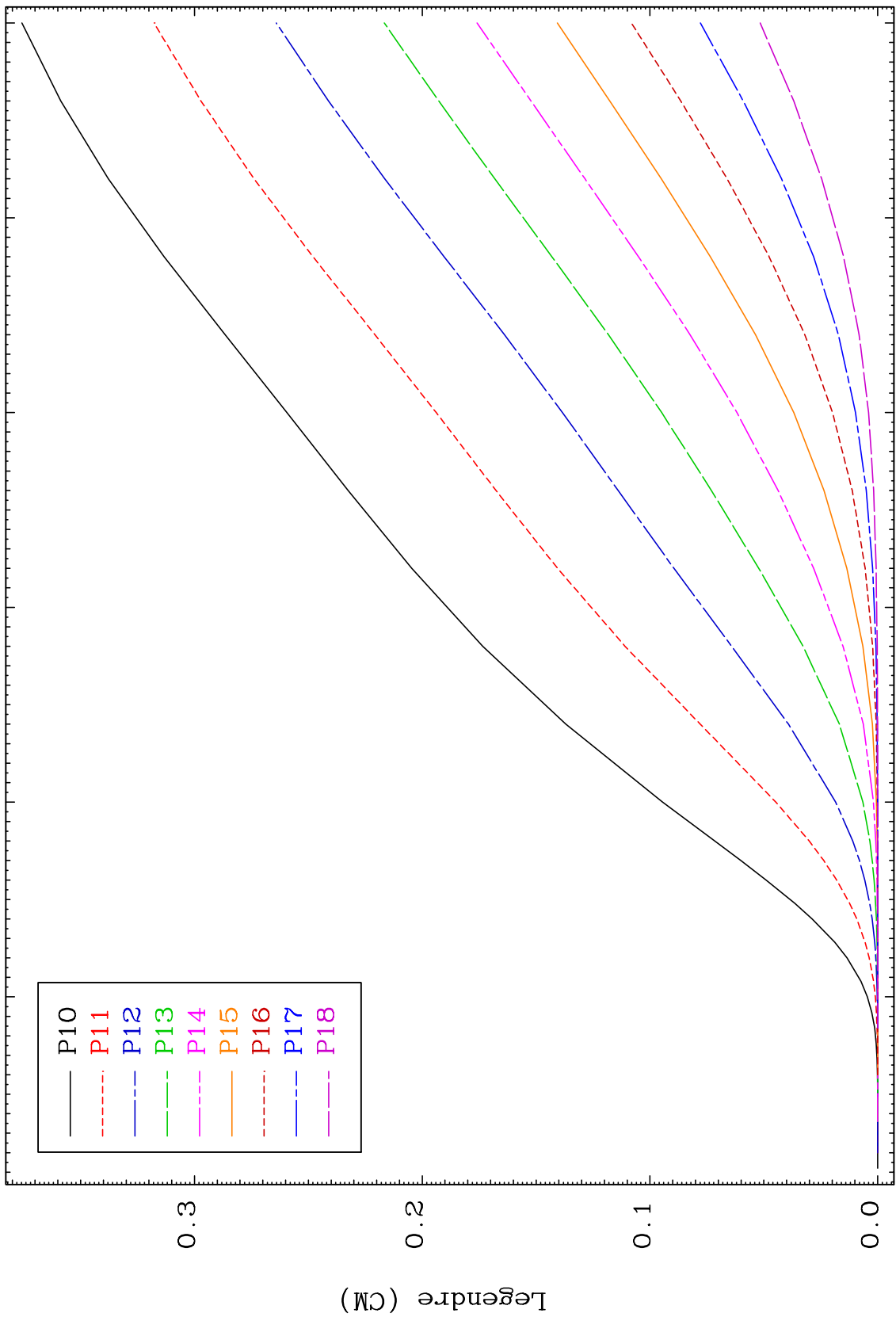
Incident Energy (MeV)

68-Er-167

MAT 6840

Elastic Legendre Coefficients

68-Er-167



17

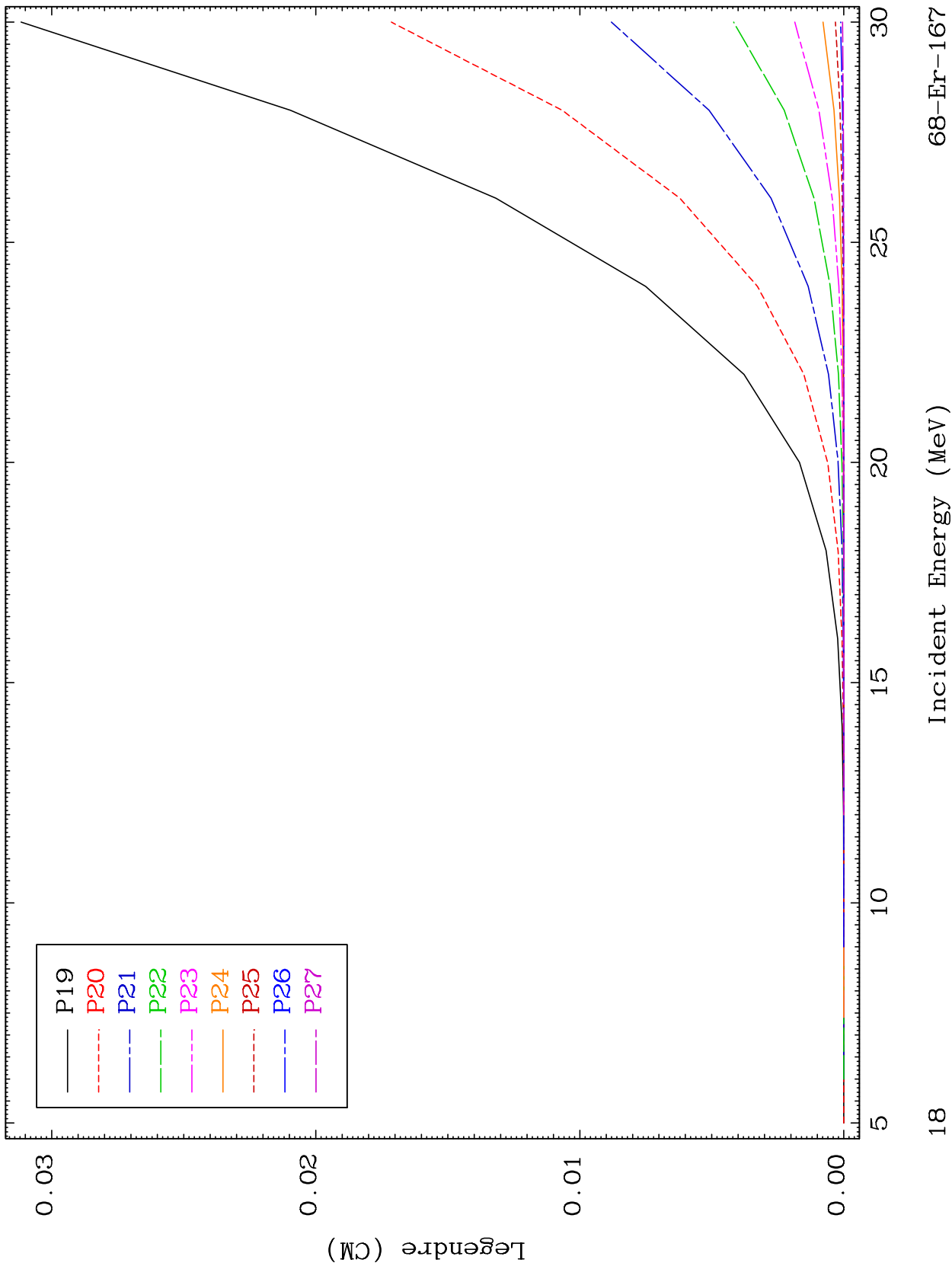
Incident Energy (MeV)

68-Er-167

MAT 6840

Elastic
Legendre Coefficients

68-Er-167



68-Er-167

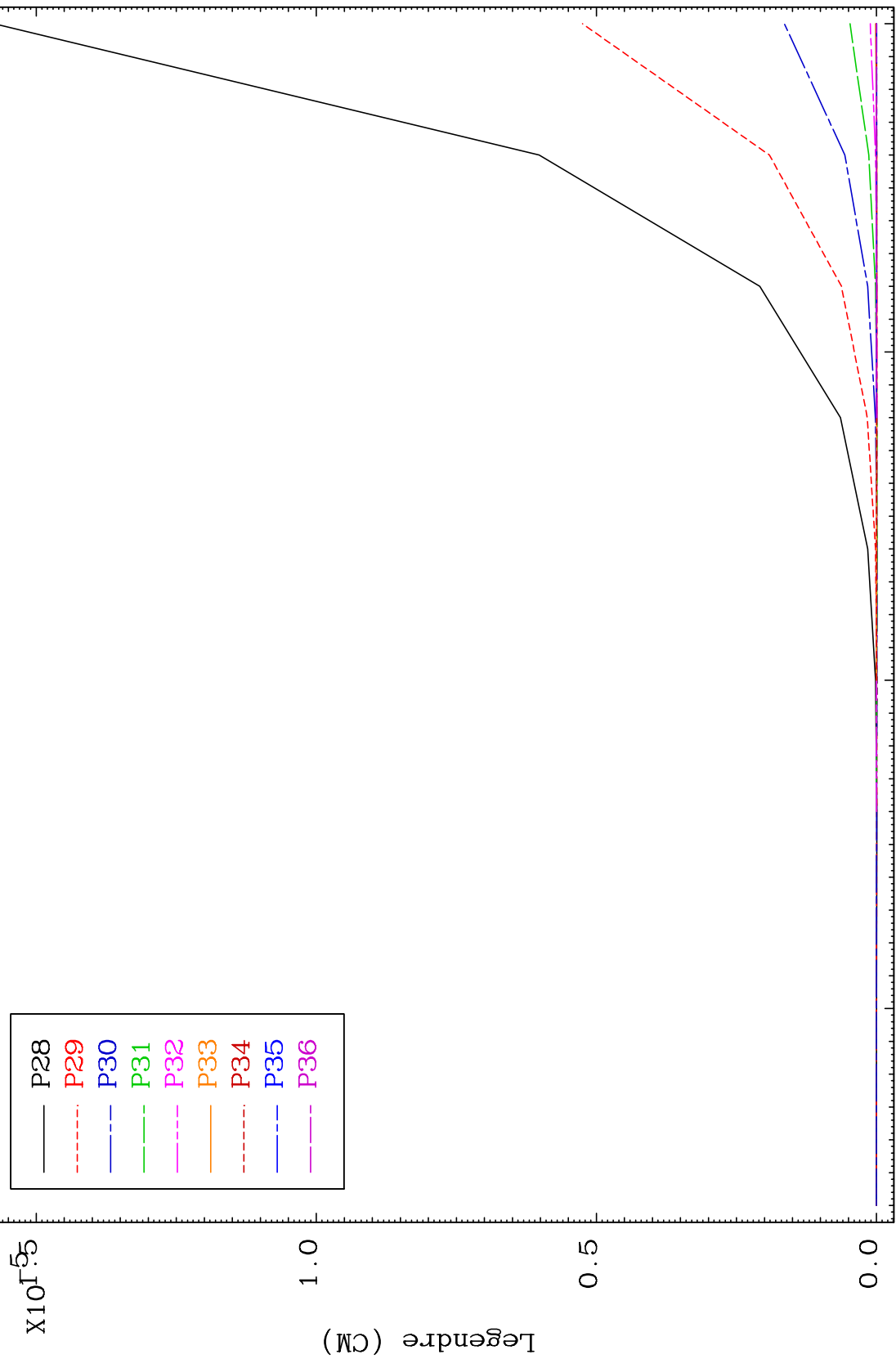
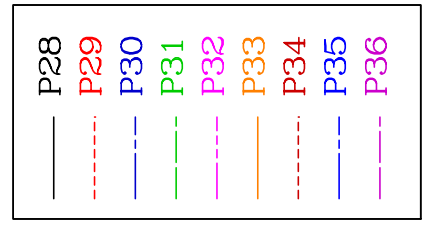
Incident Energy (MeV)

18

MAT 6840

Elastic
Legendre Coefficients

68-Er-167



19

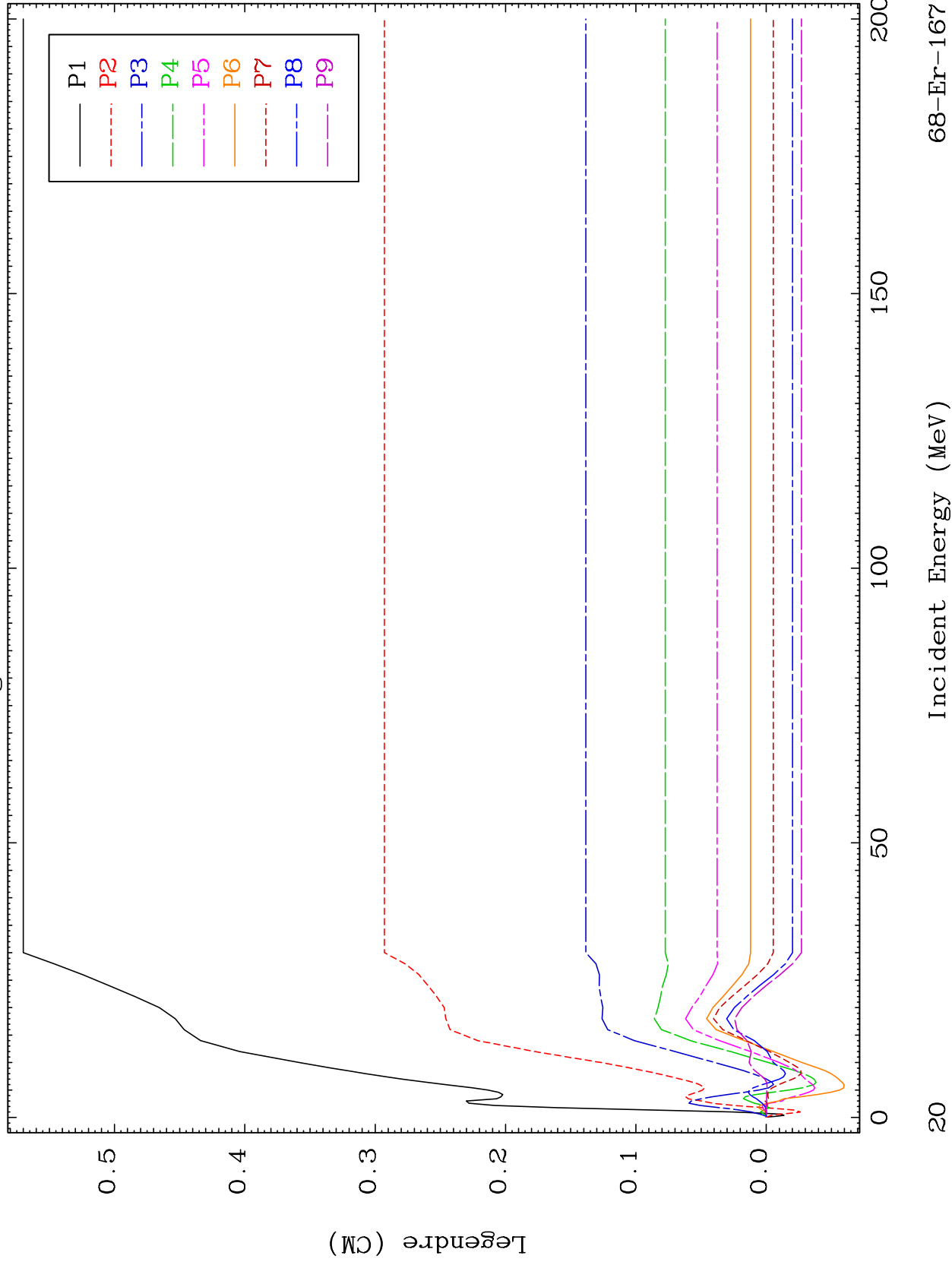
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



68-Er-167

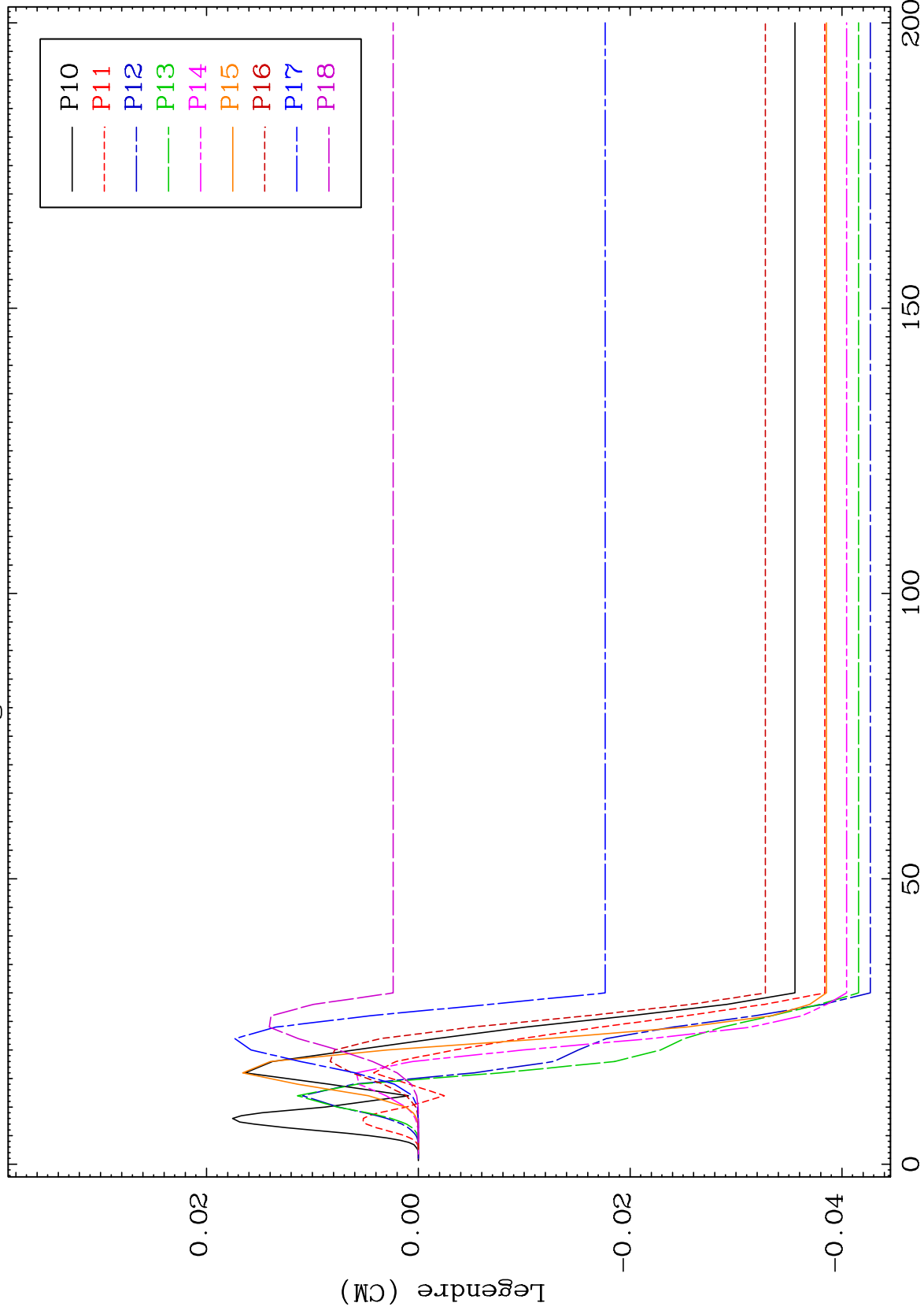
Incident Energy (MeV)

20

MAT 6840

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

68-Er-167



21

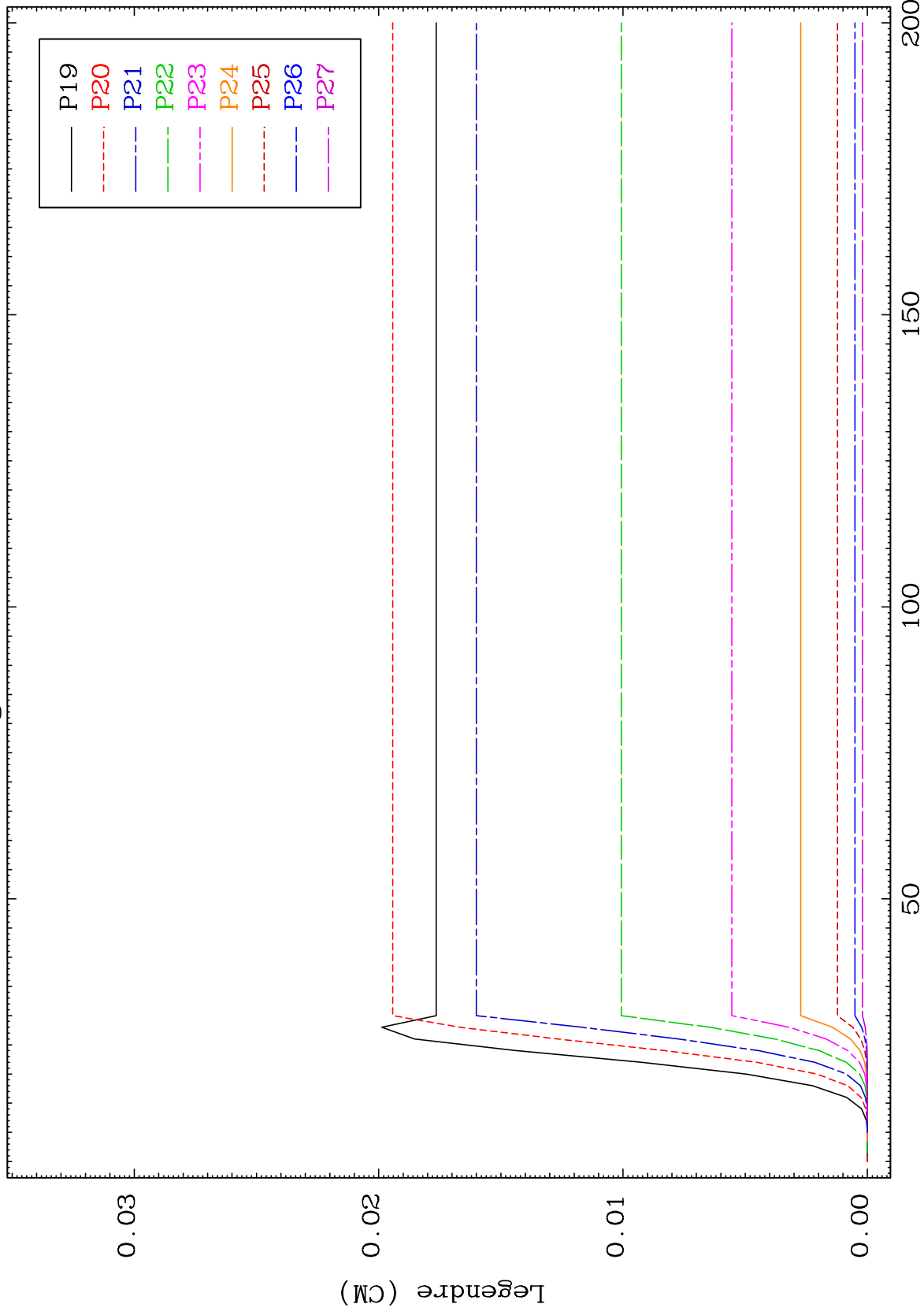
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



22

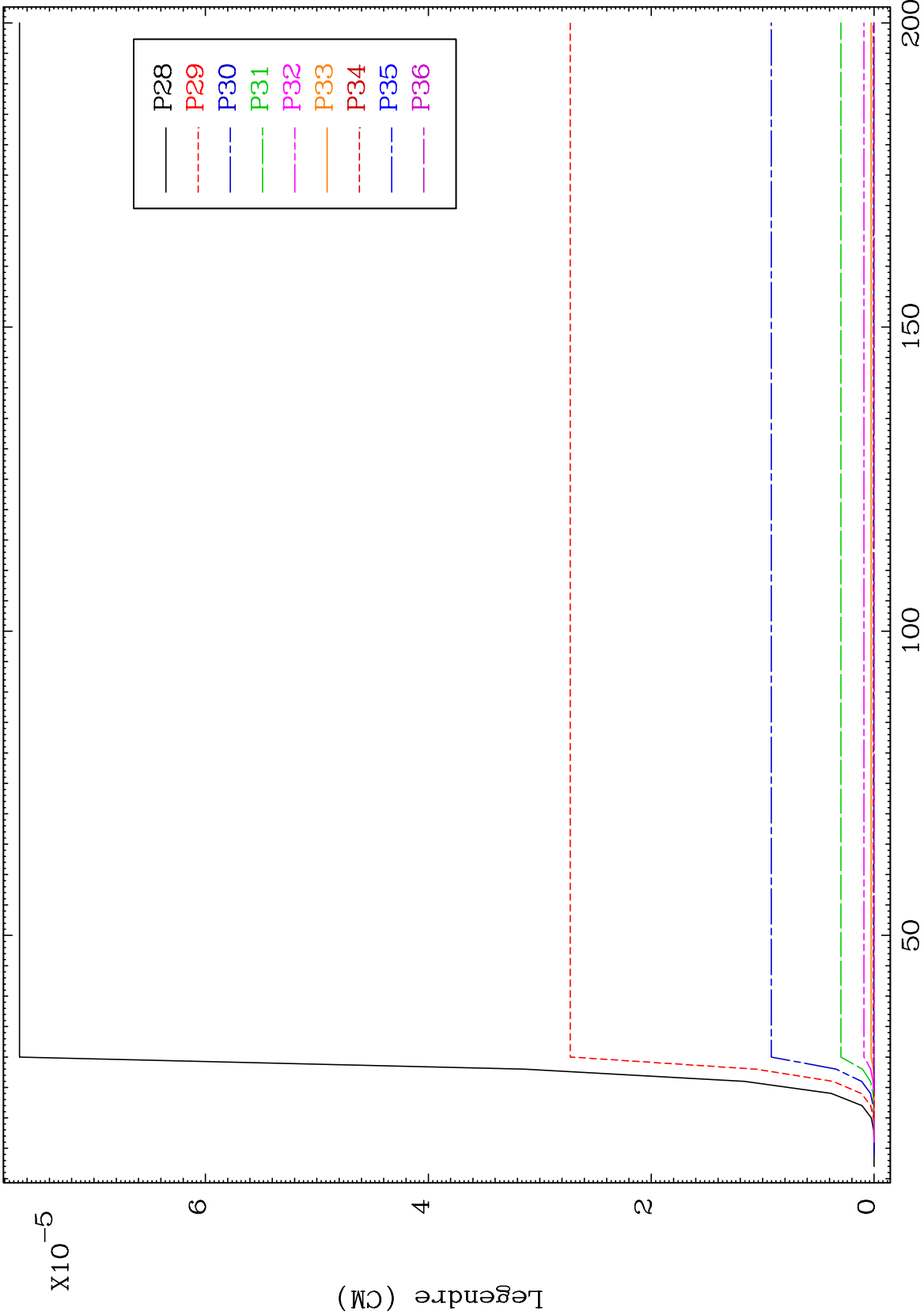
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



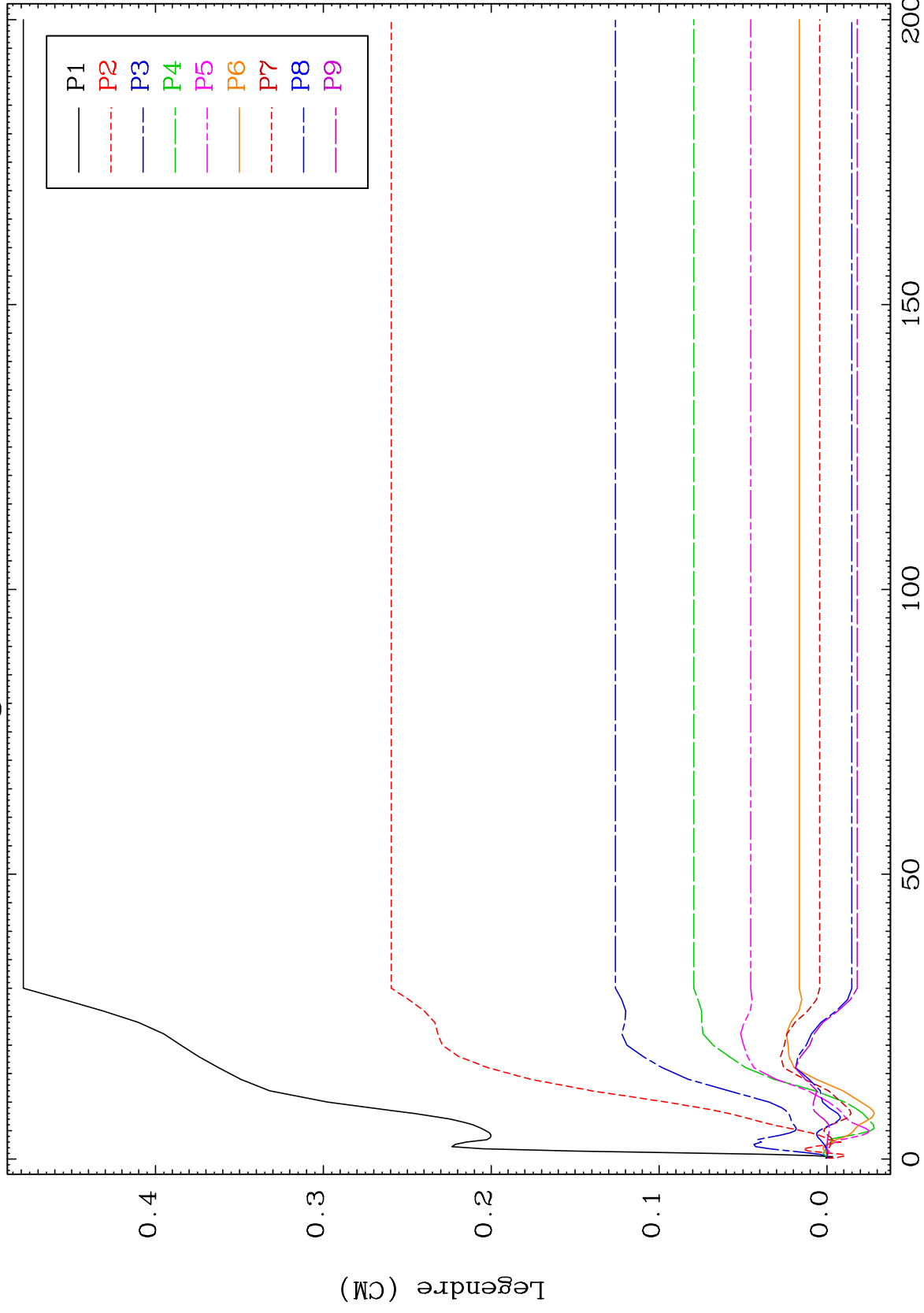
23

68-Er-167

MAT 6840

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

68-Er-167



68-Er-167

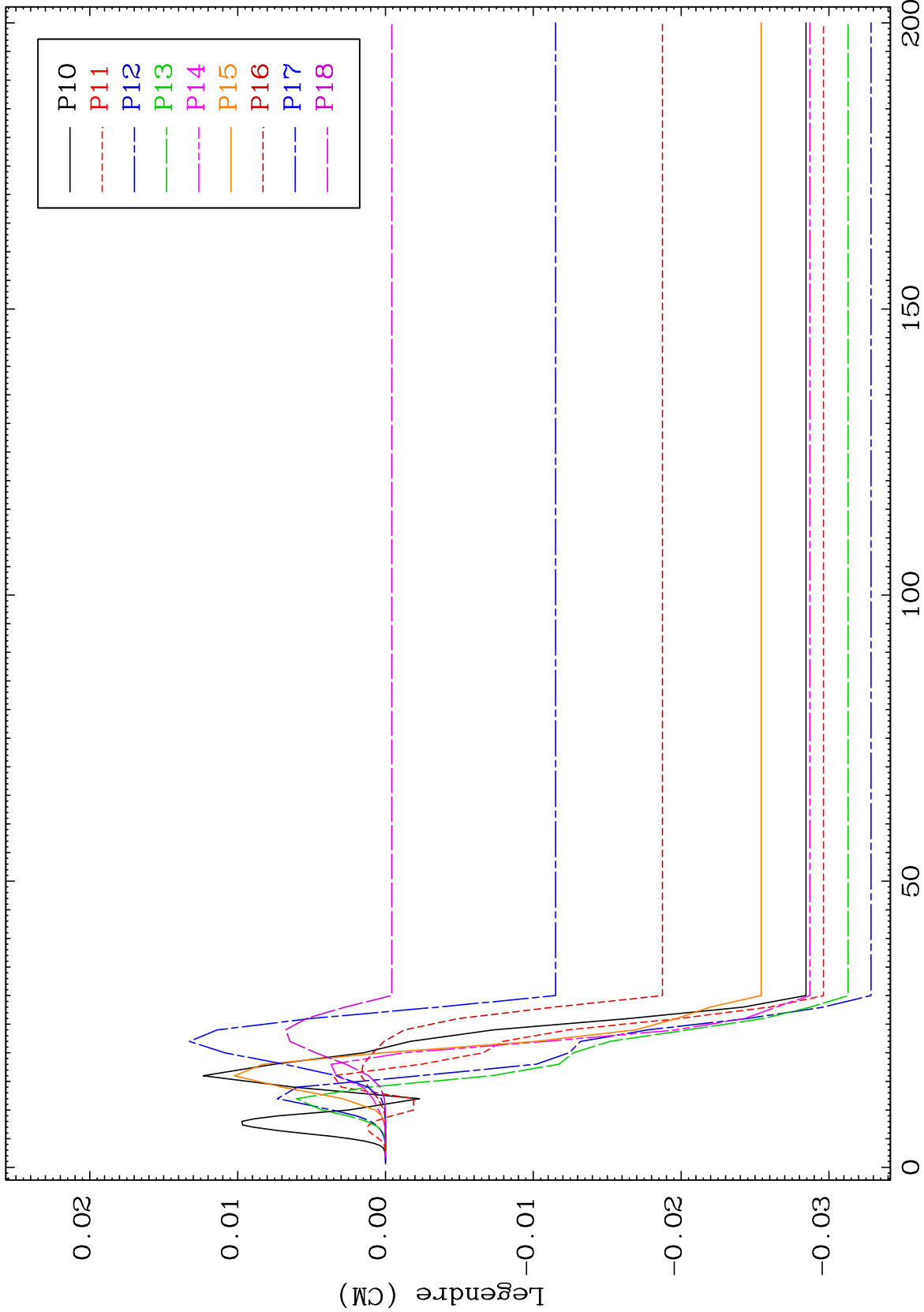
Incident Energy (MeV)

24

MAT 6840

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

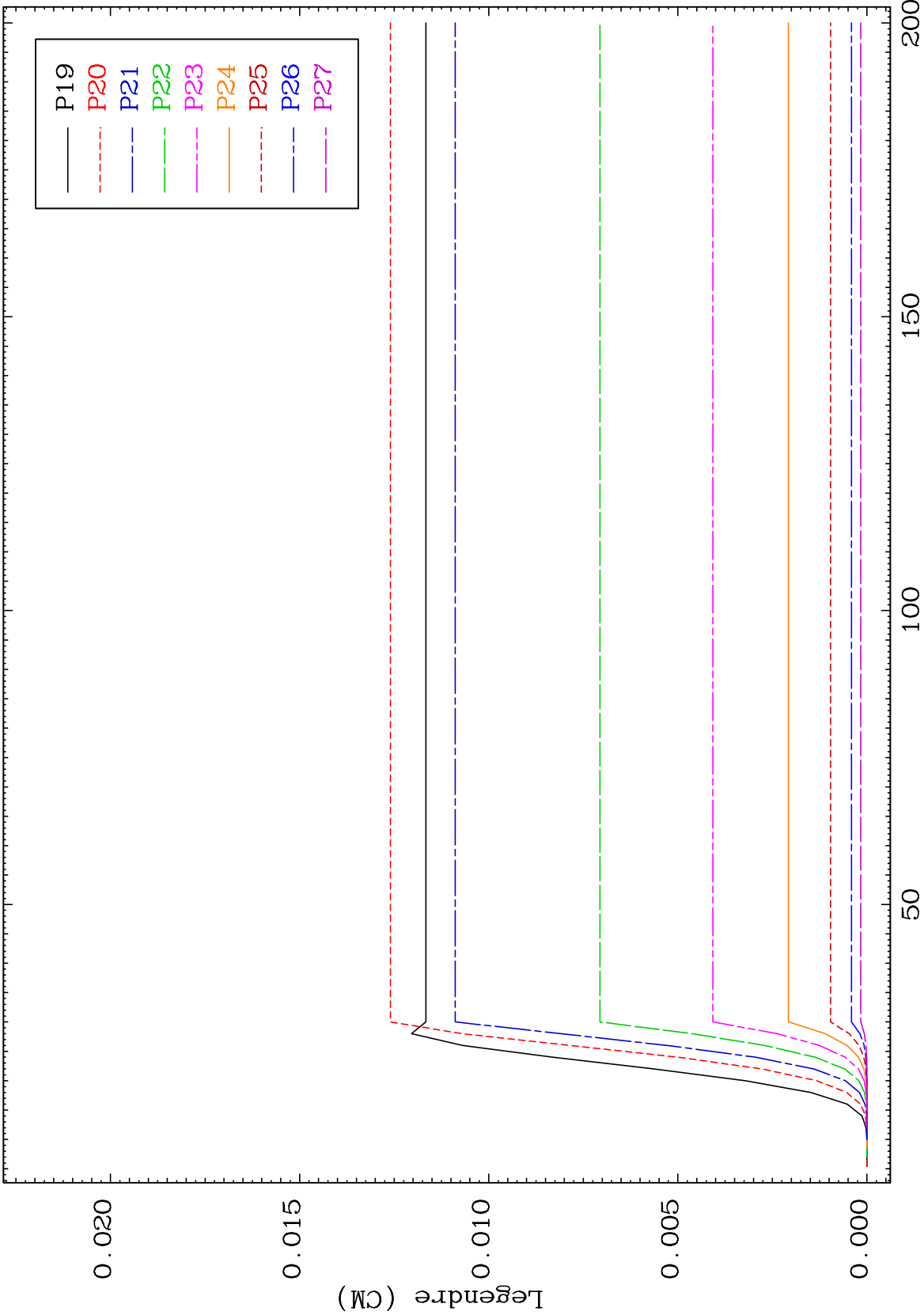
68-Er-167



25

Incident Energy (MeV)

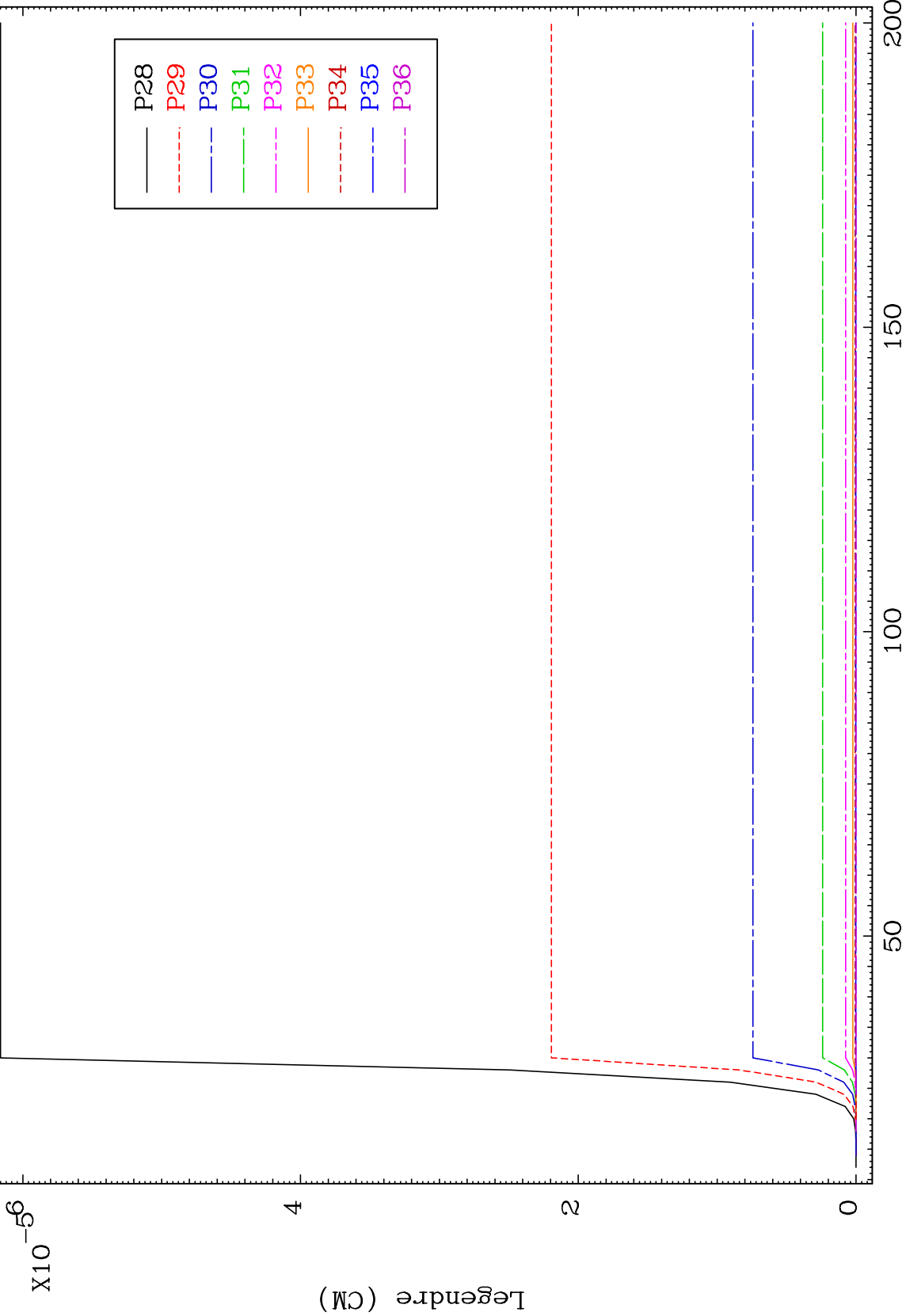
68-Er-167



MAT 6840

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

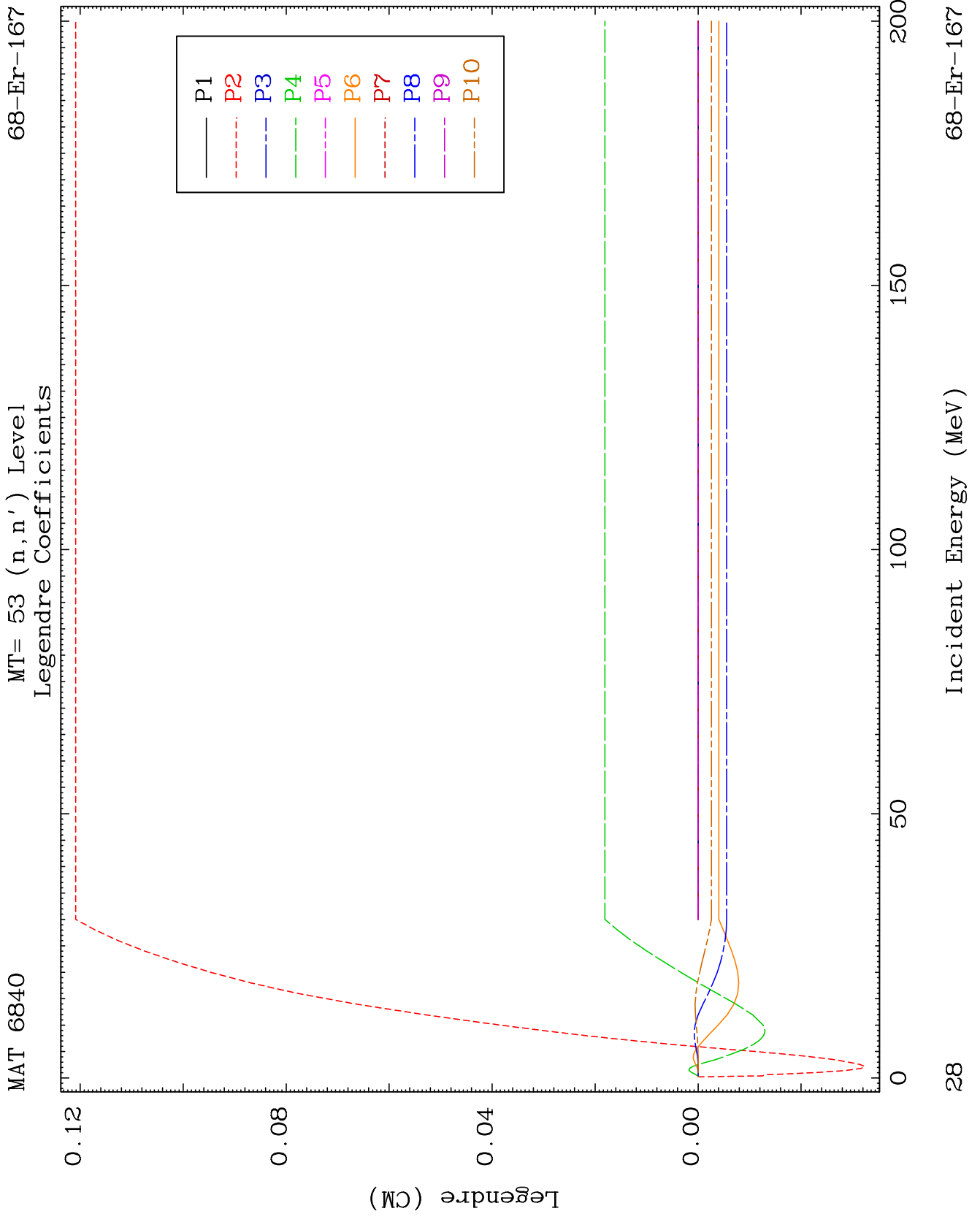
68-Er-167



27

Incident Energy (MeV)

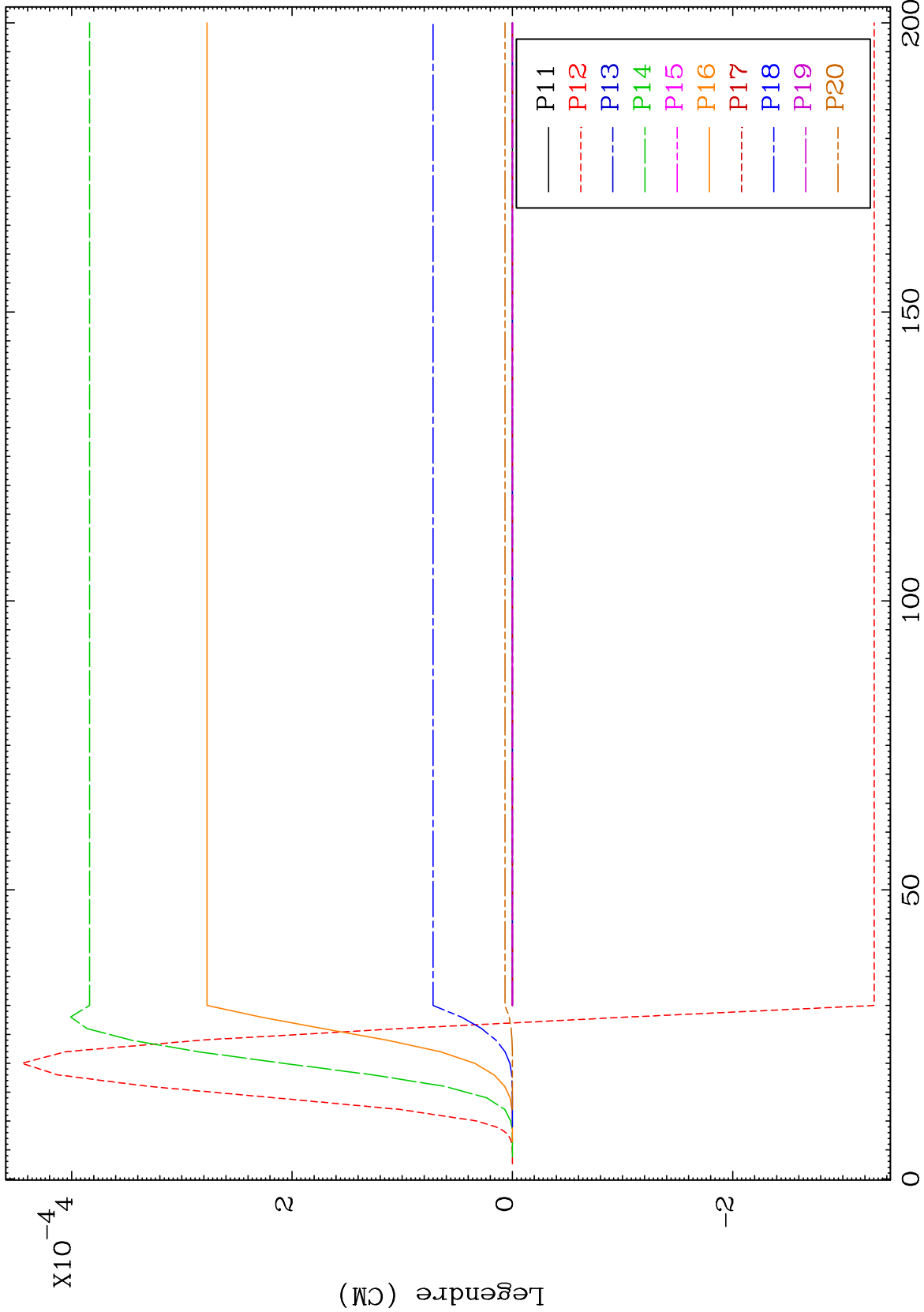
68-Er-167



MAT 6840

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

68-Er-167



29

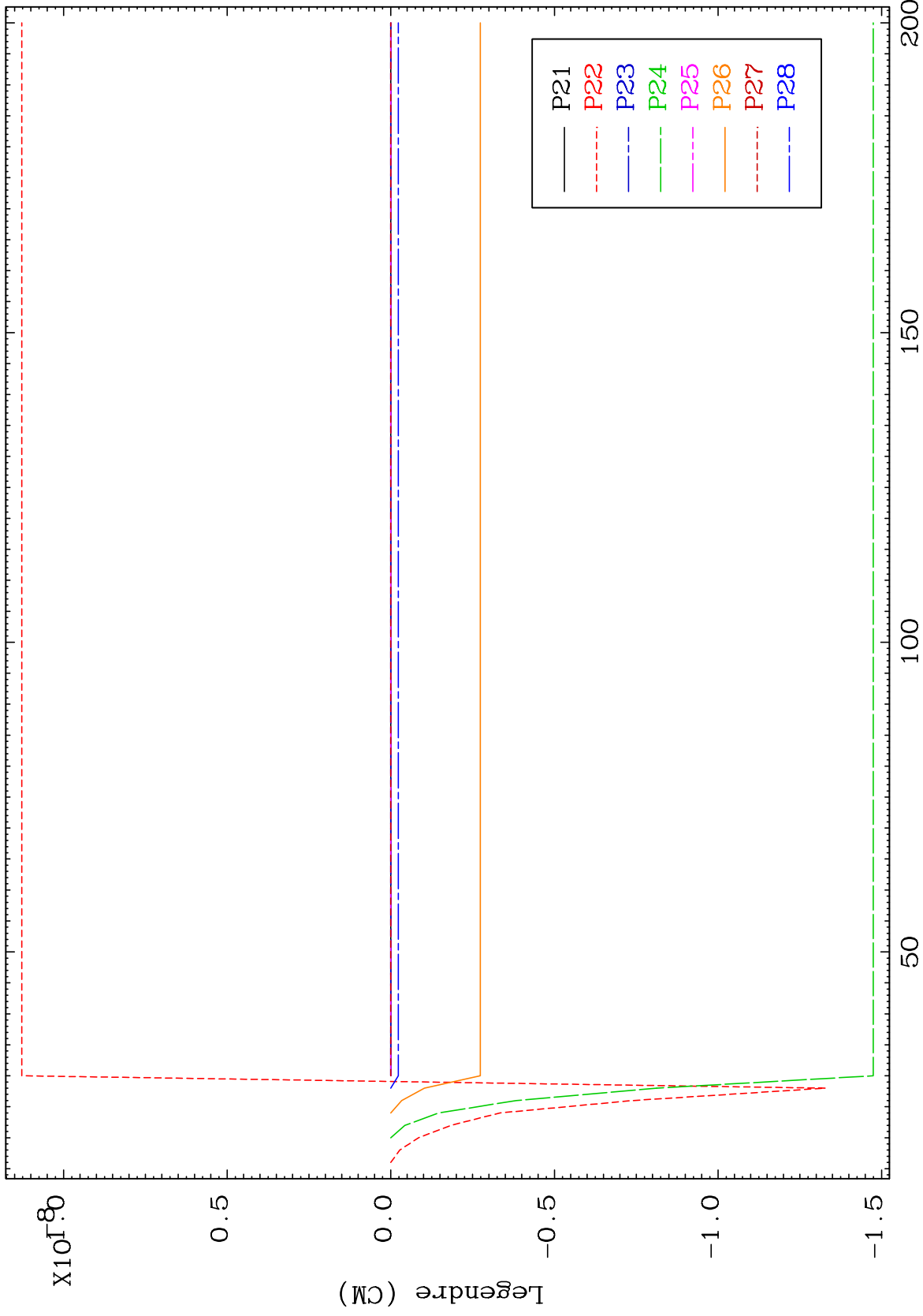
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



30

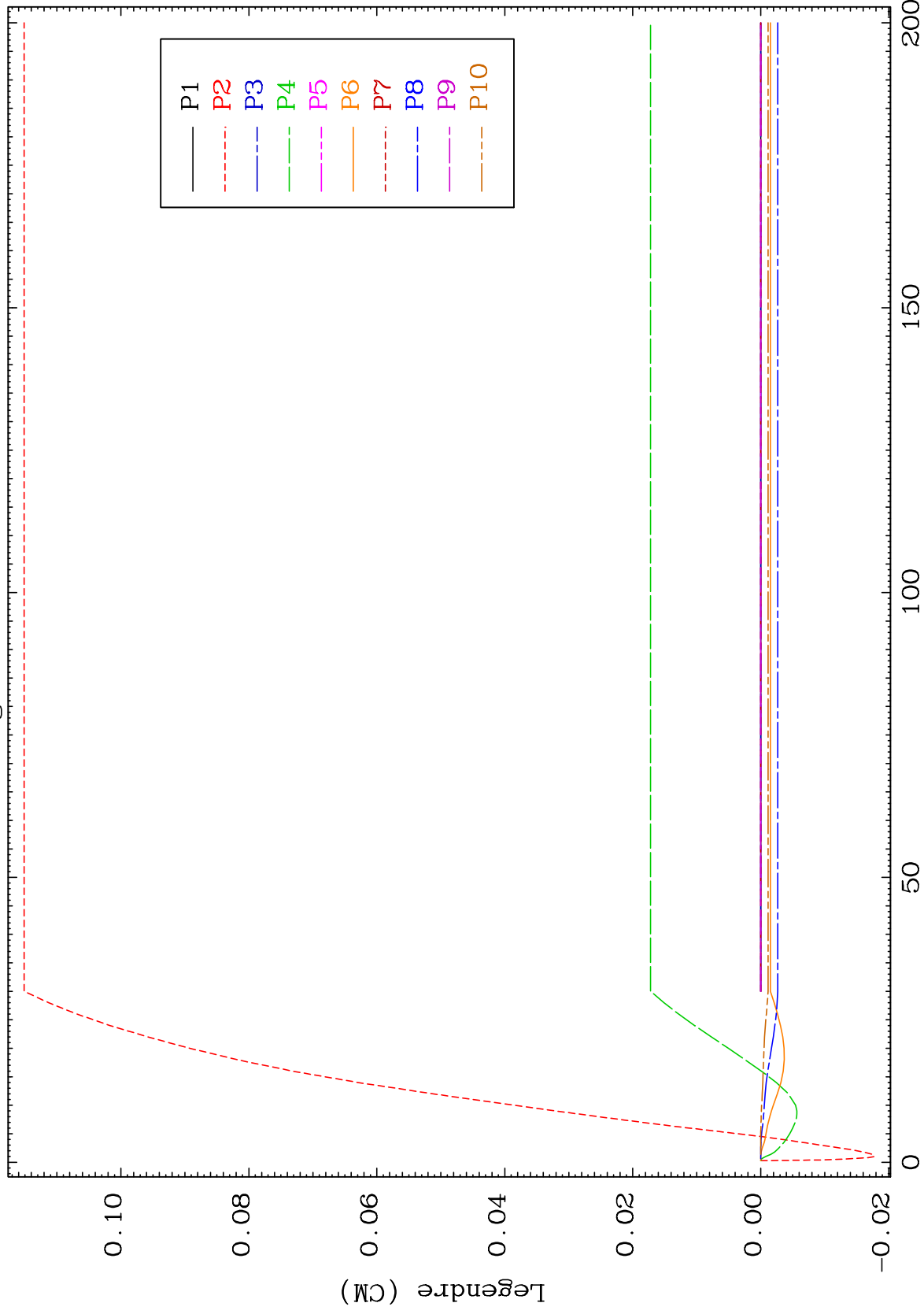
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167

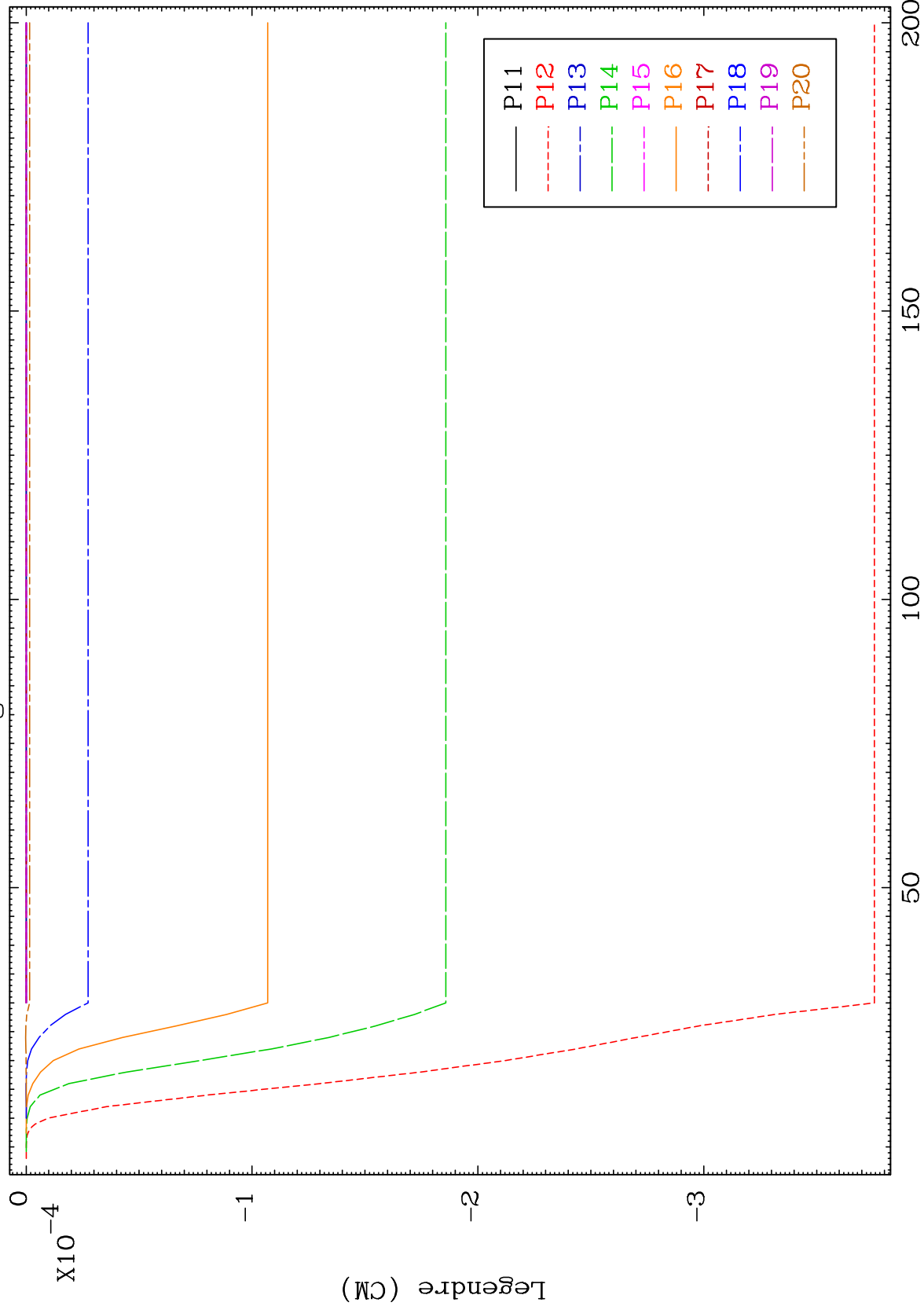


31

Incident Energy (MeV)

68-Er-167

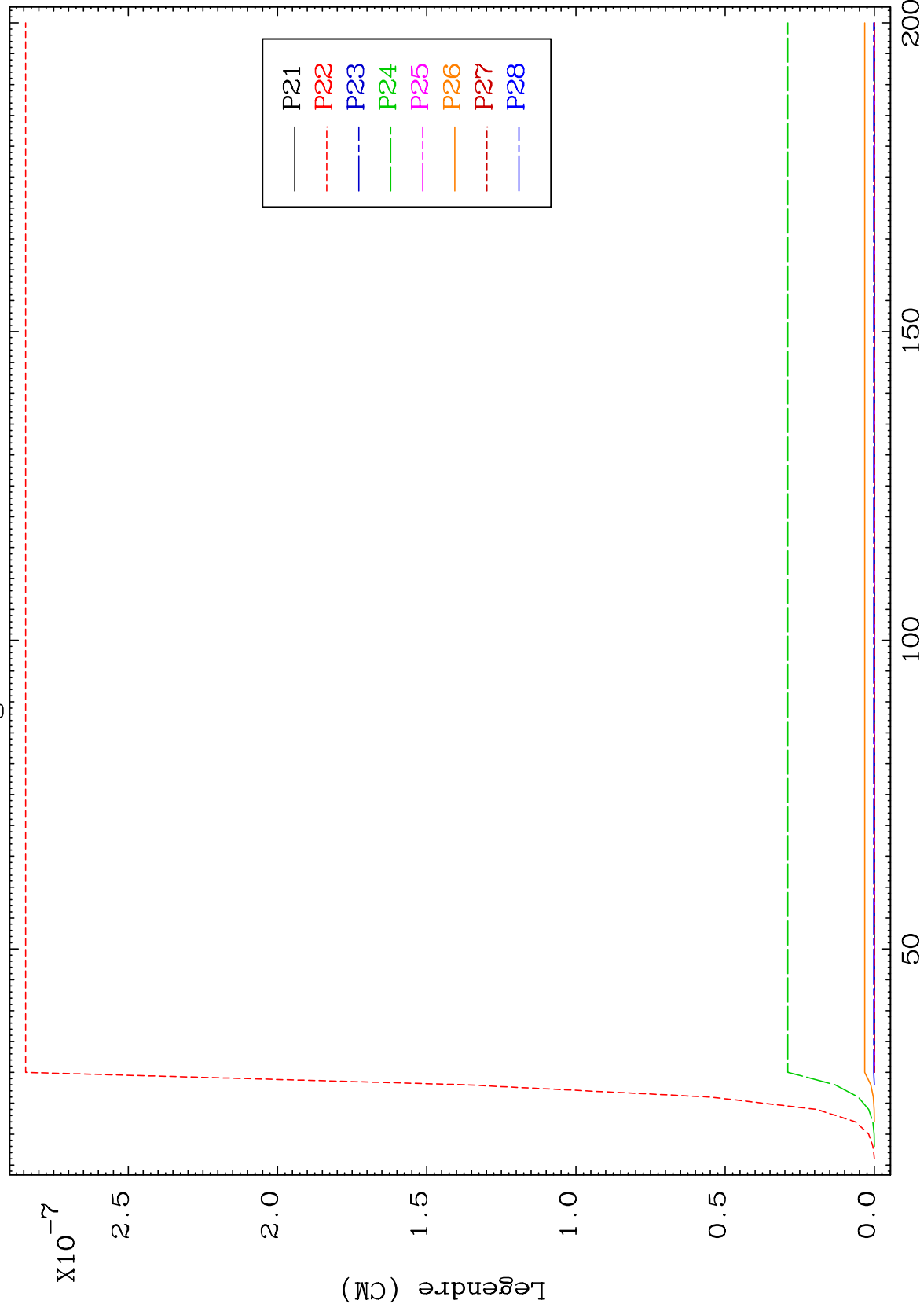
Legendre Coefficients



MAT 6840

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

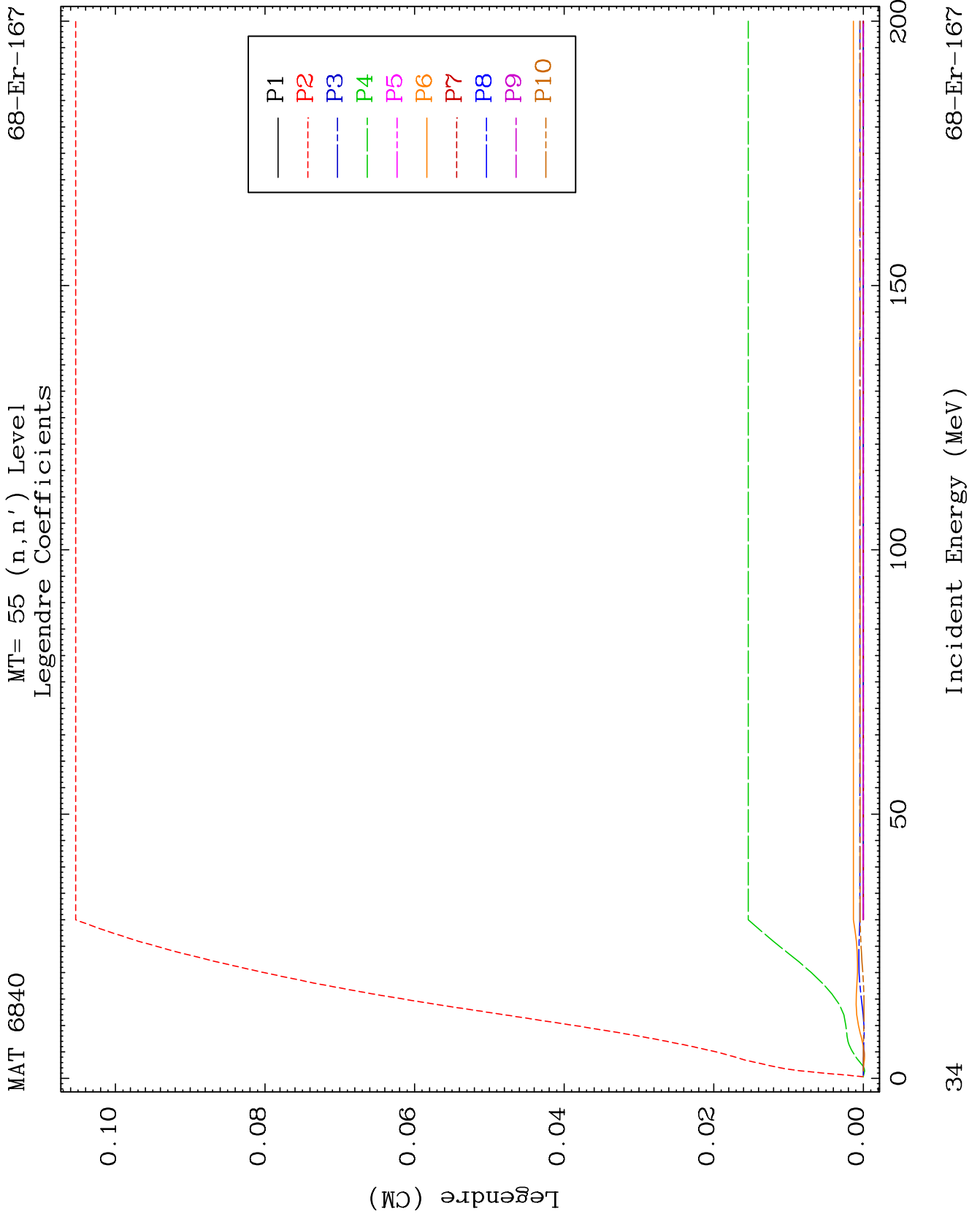
68-Er-167



33

Incident Energy (MeV)

68-Er-167



68-Er-167

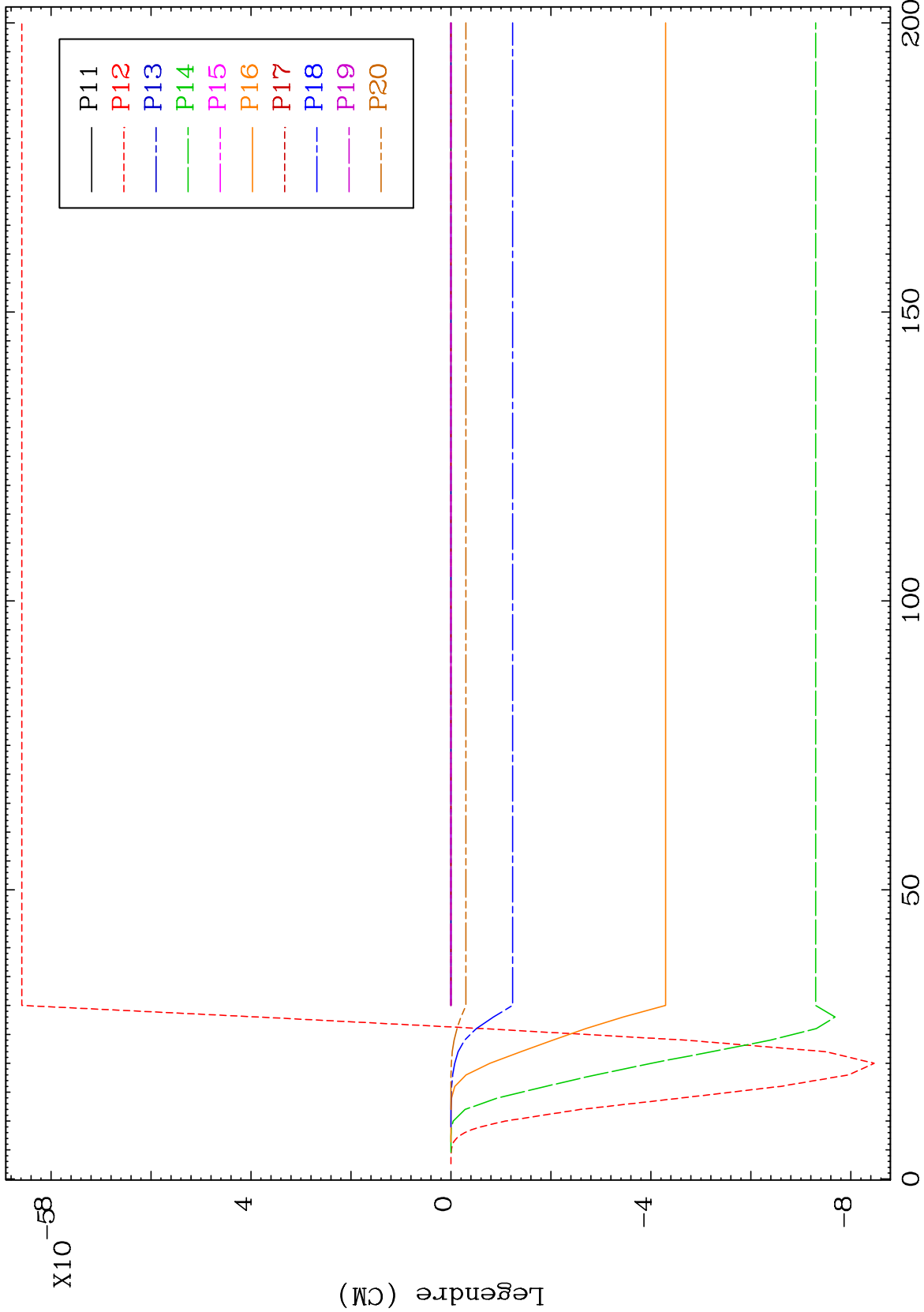
Incident Energy (MeV)

34

MAT 6840

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

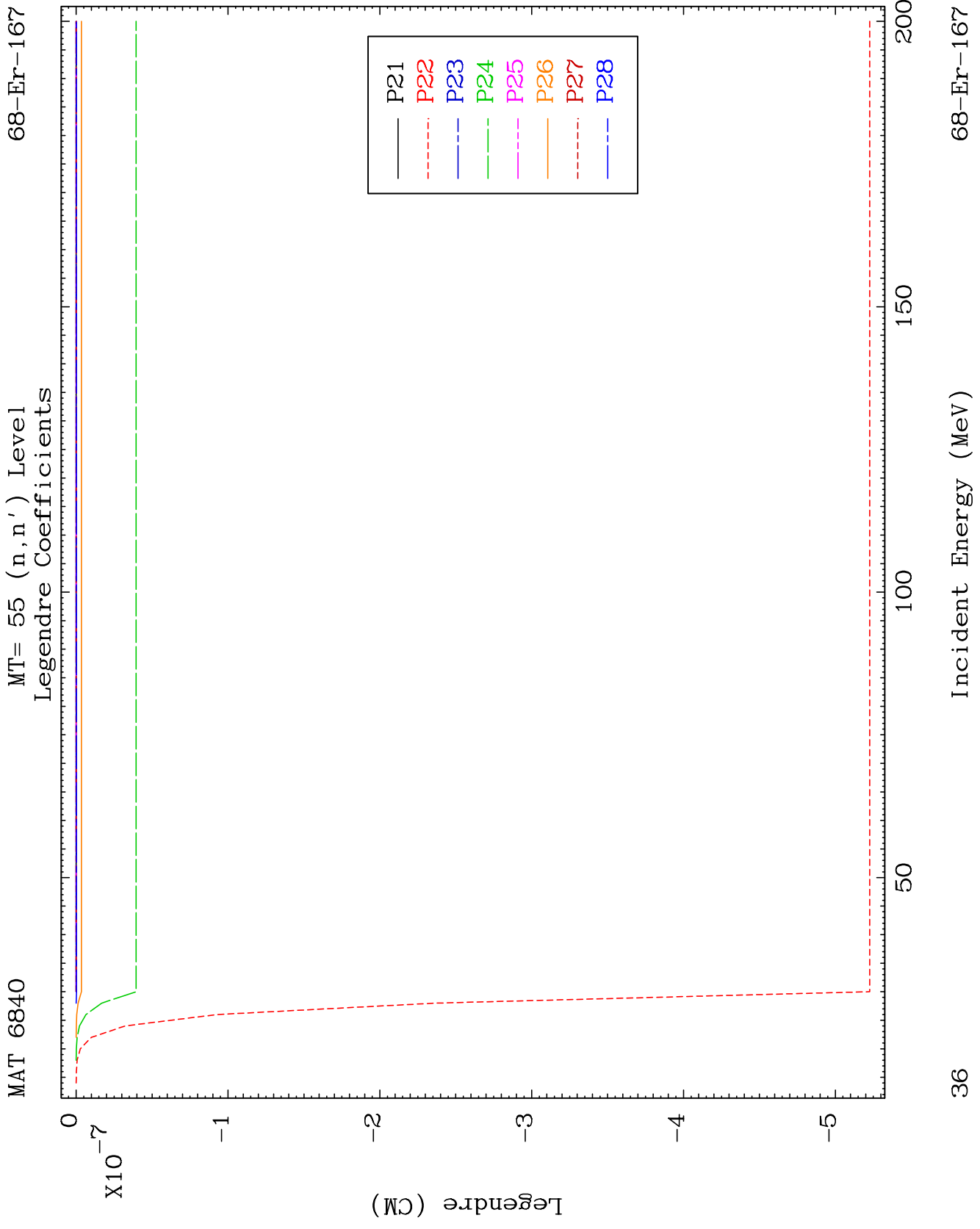
68-Er-167



35

Incident Energy (MeV)

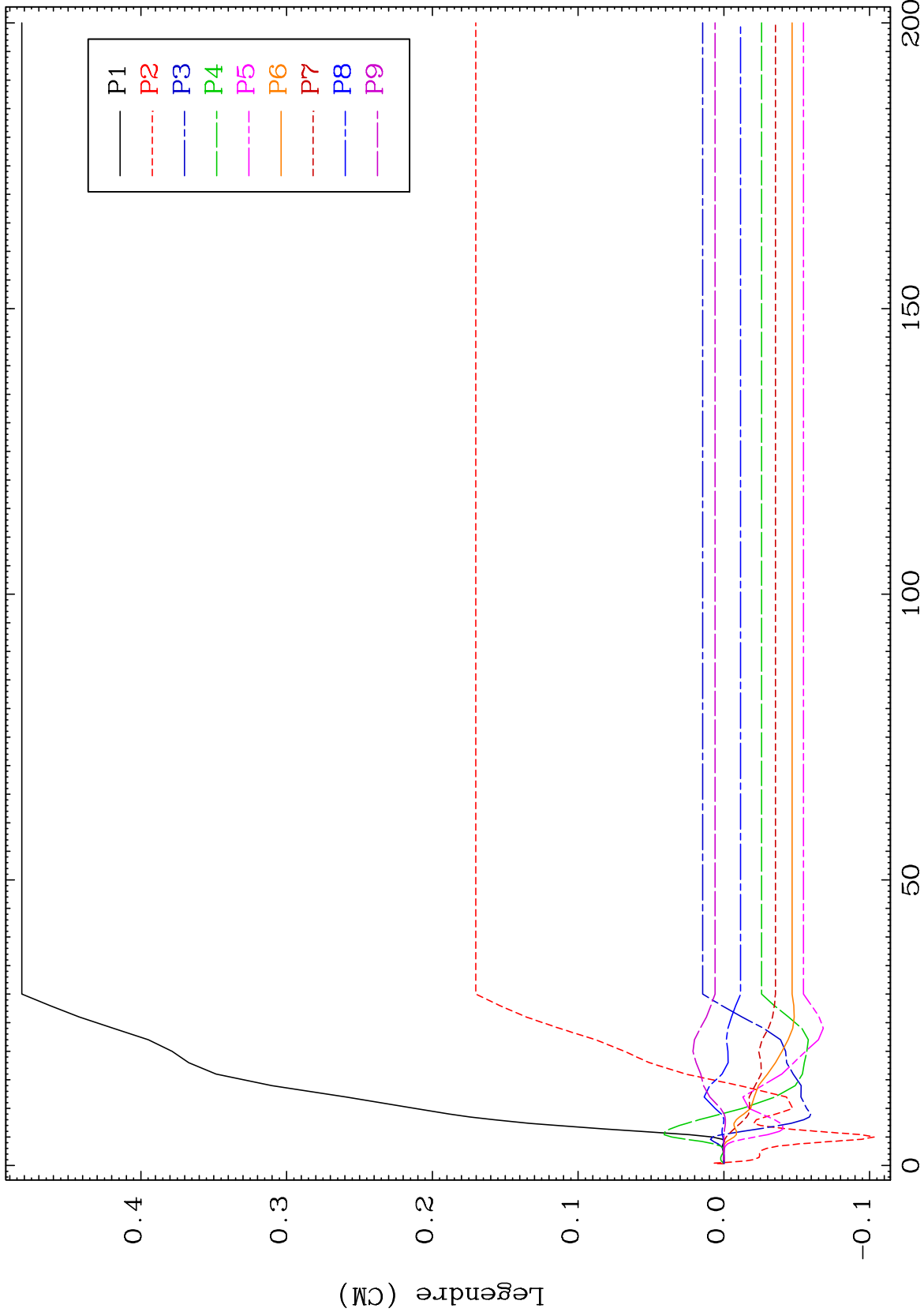
68-Er-167



MAT 6840

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

68-Er-167



37

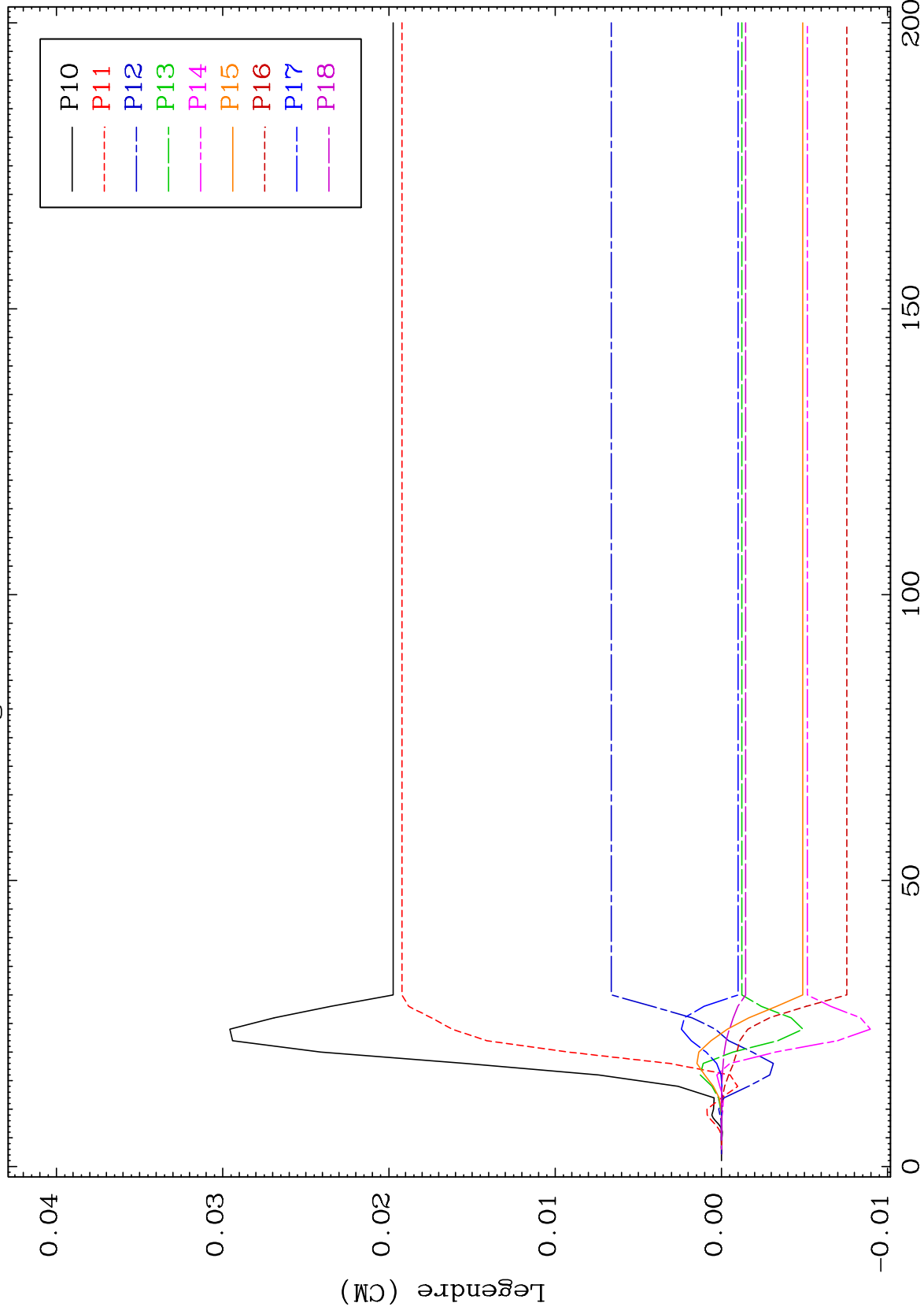
Incident Energy (MeV)

68-Er-167

MAT 6840

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

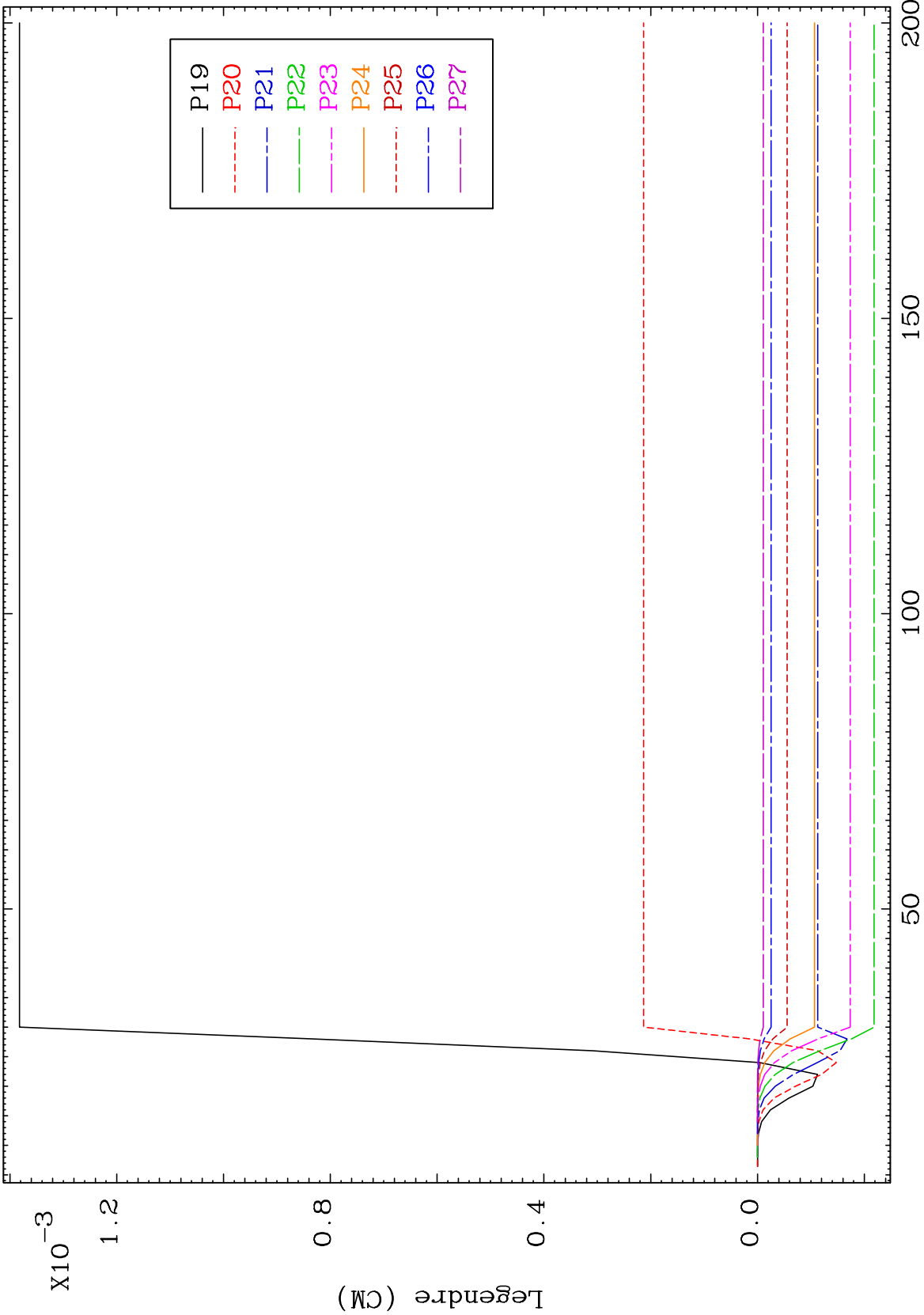
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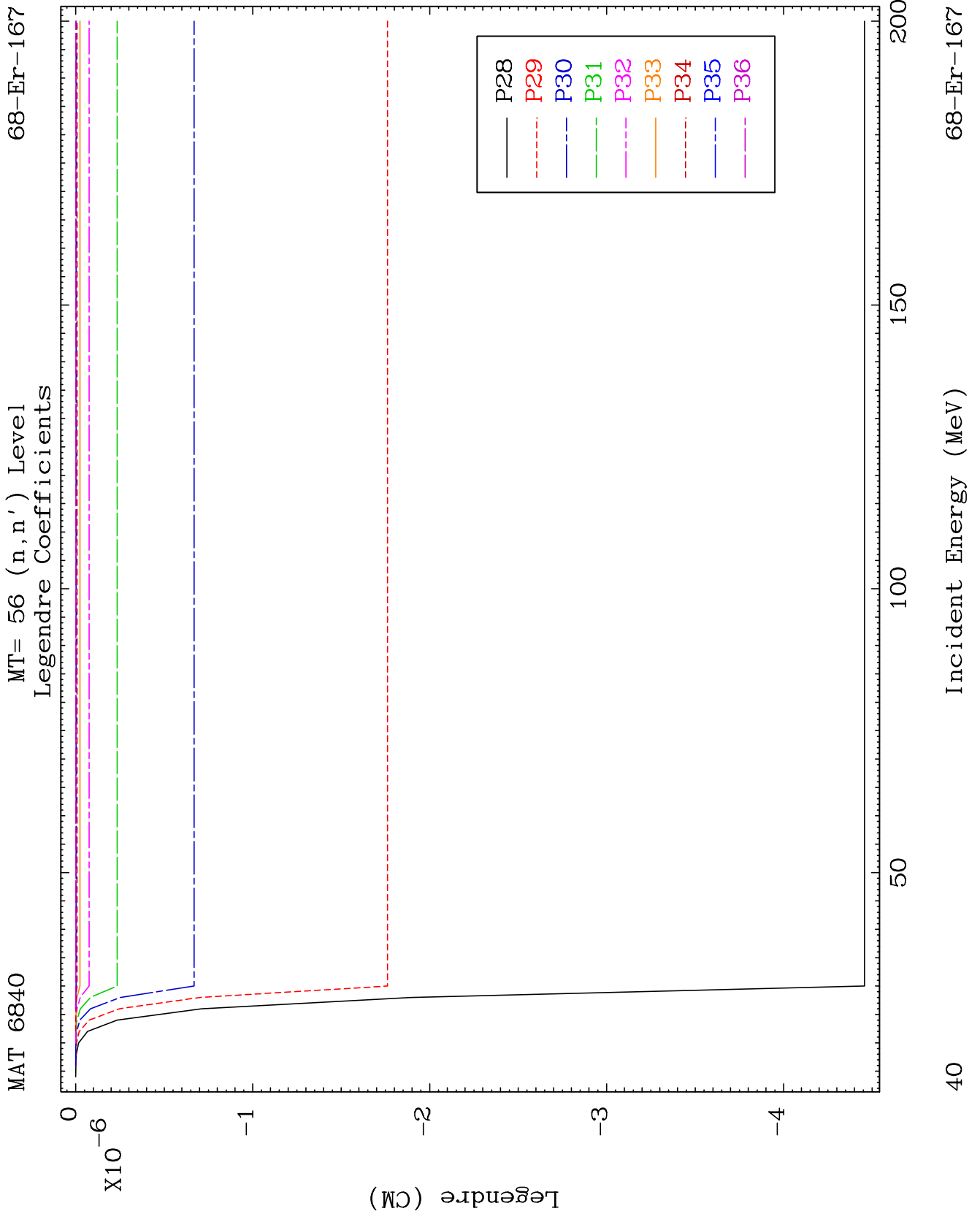


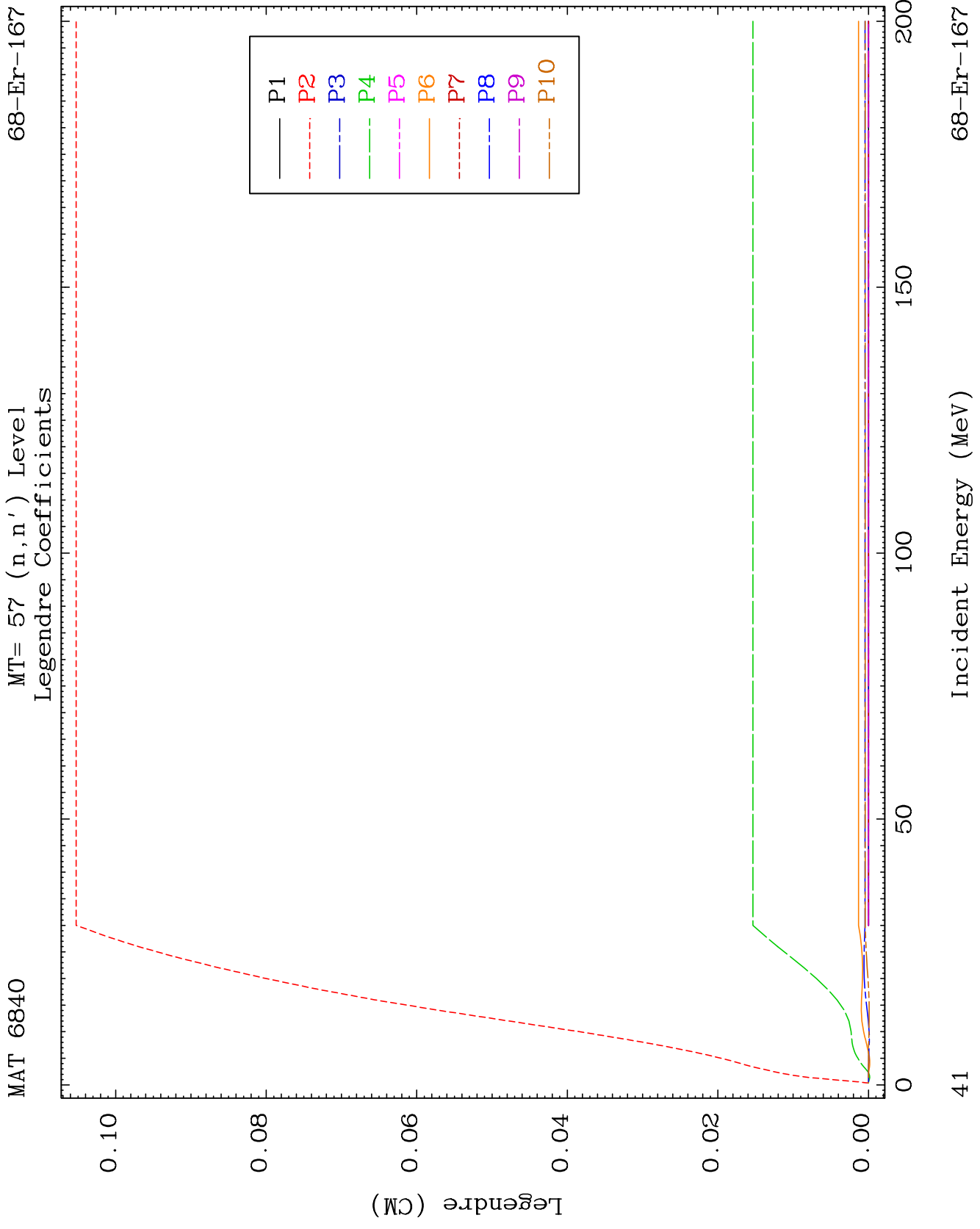
38

Incident Energy (MeV)

68-Er-167



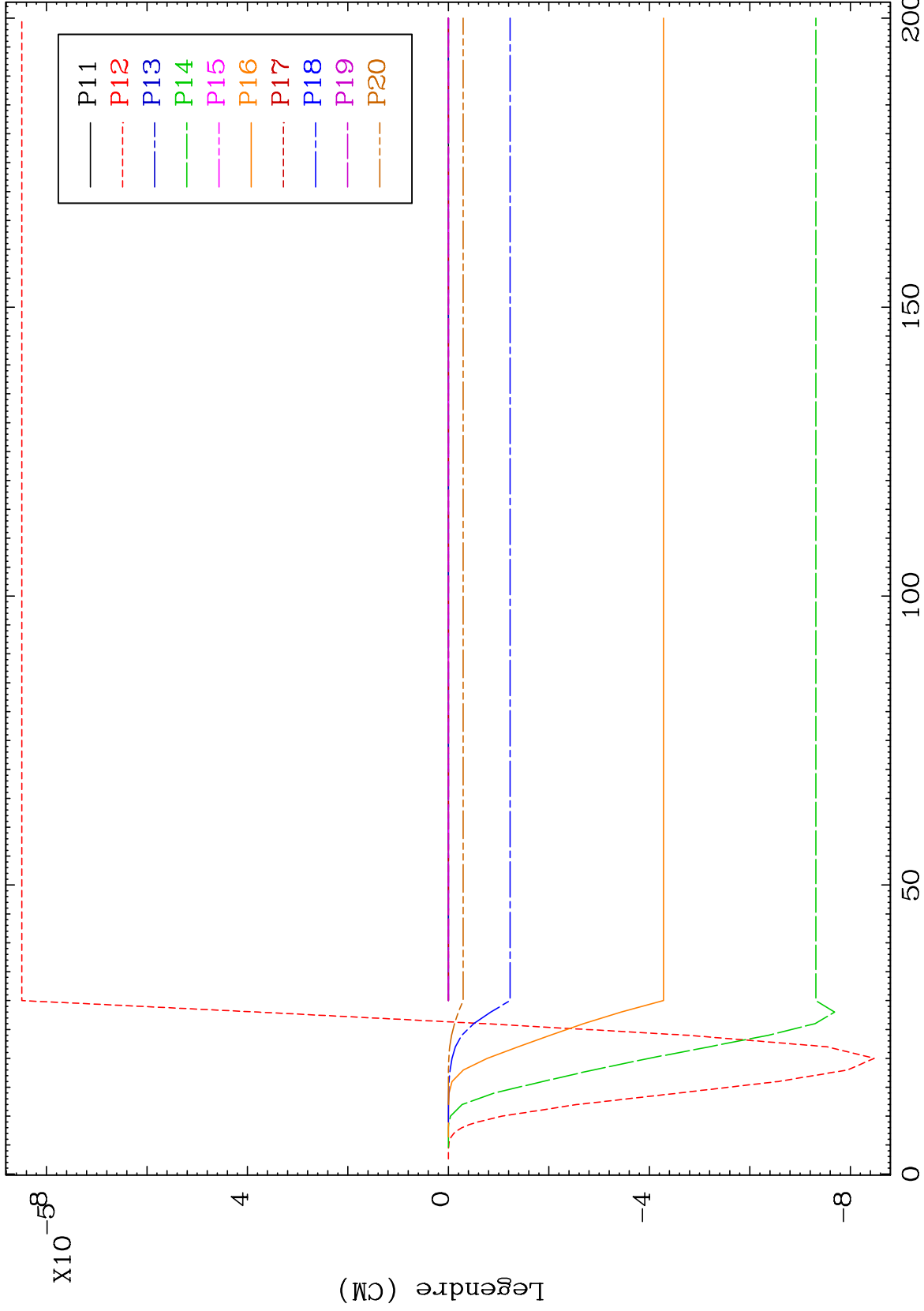




MAT 6840

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

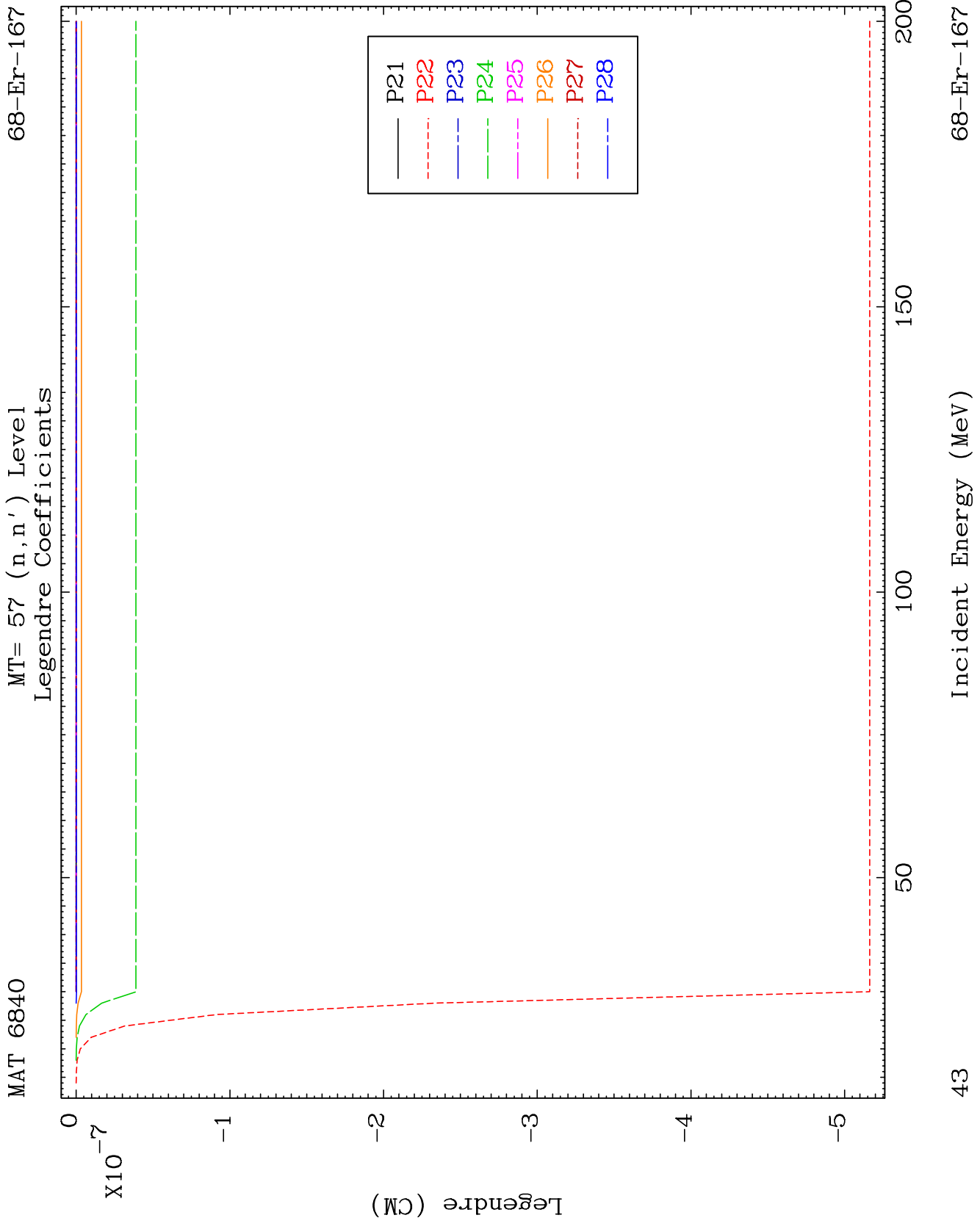
68-Er-167



42

Incident Energy (MeV)

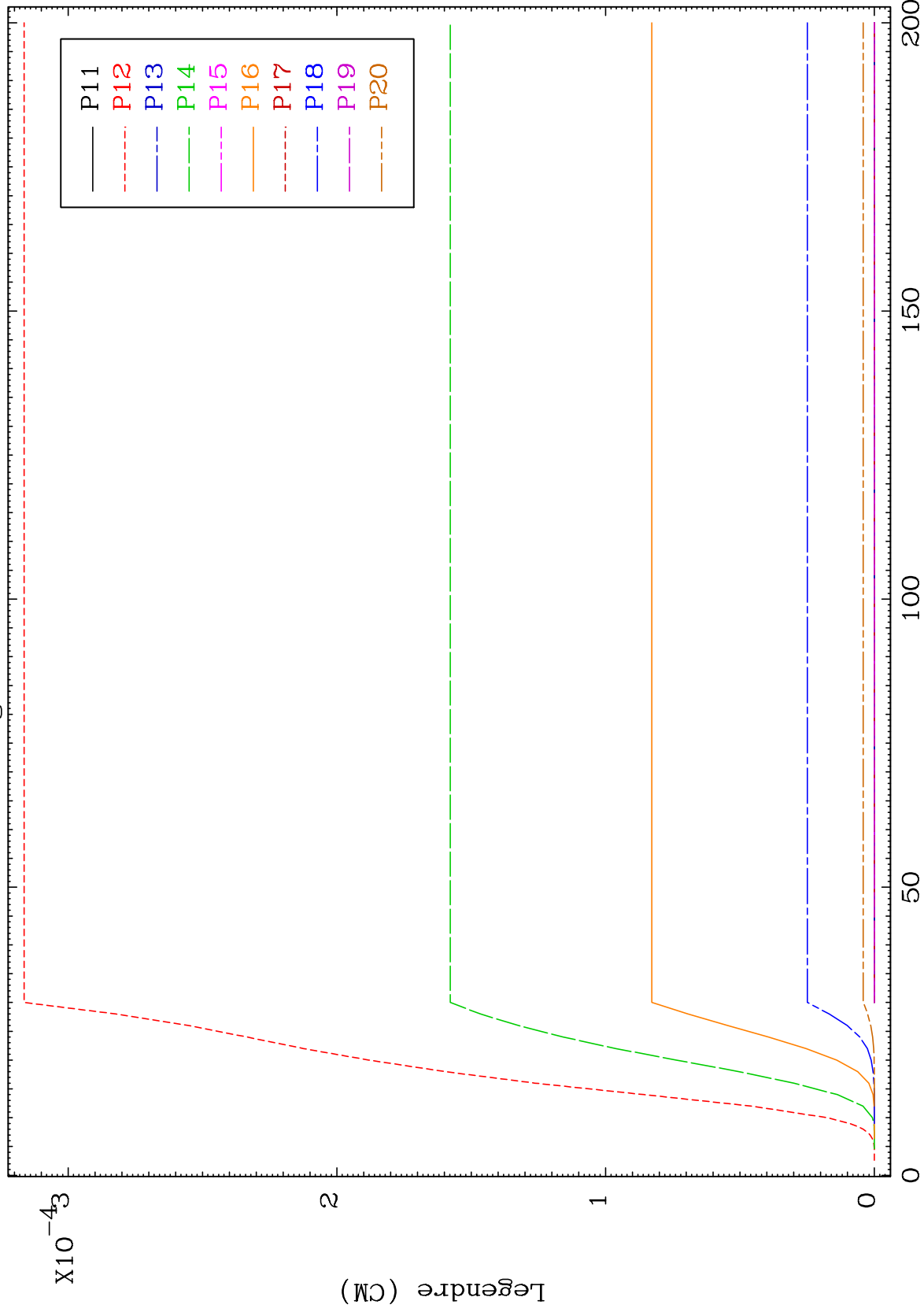
68-Er-167



MAT 6840

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

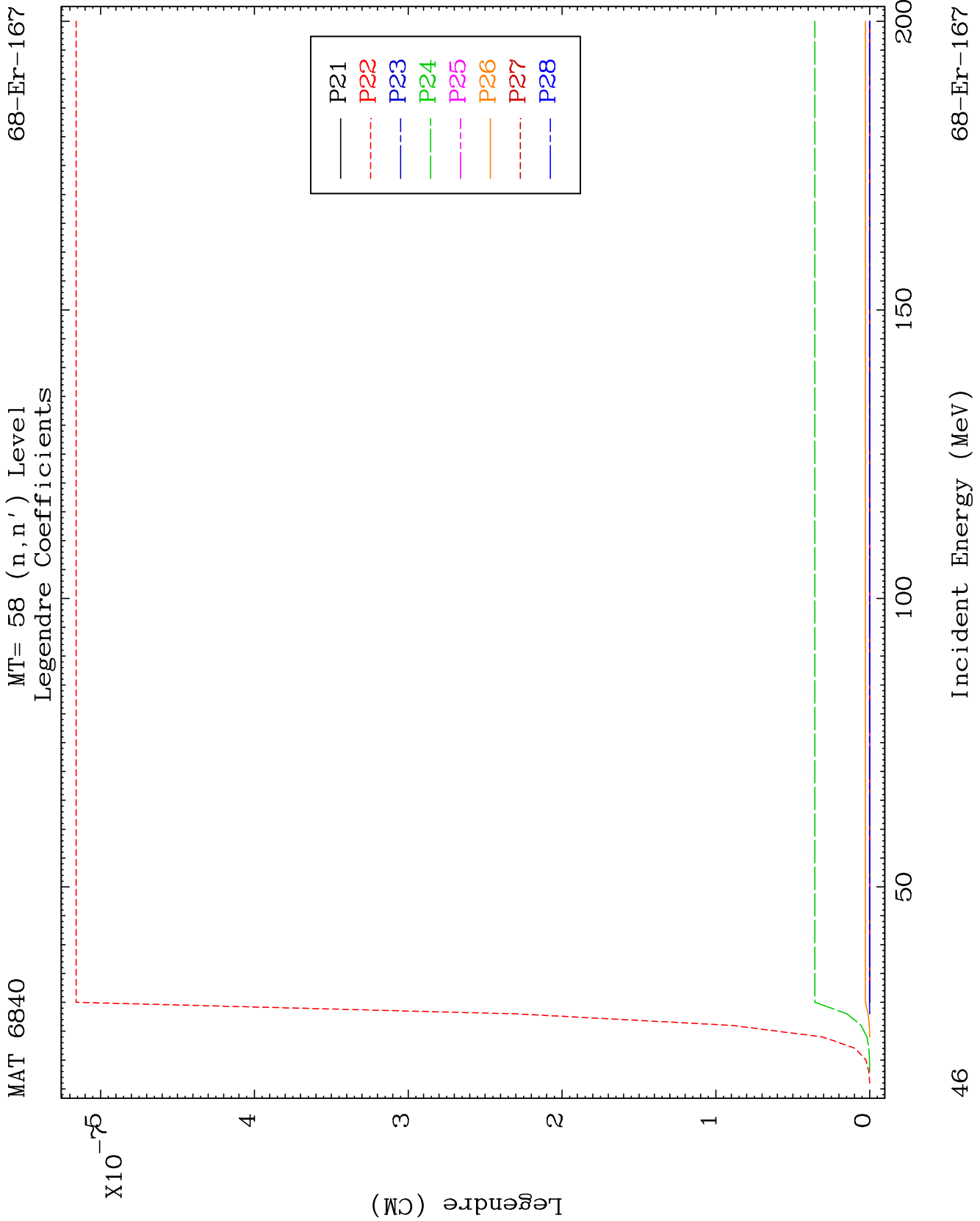
68-Er-167



45

Incident Energy (MeV)

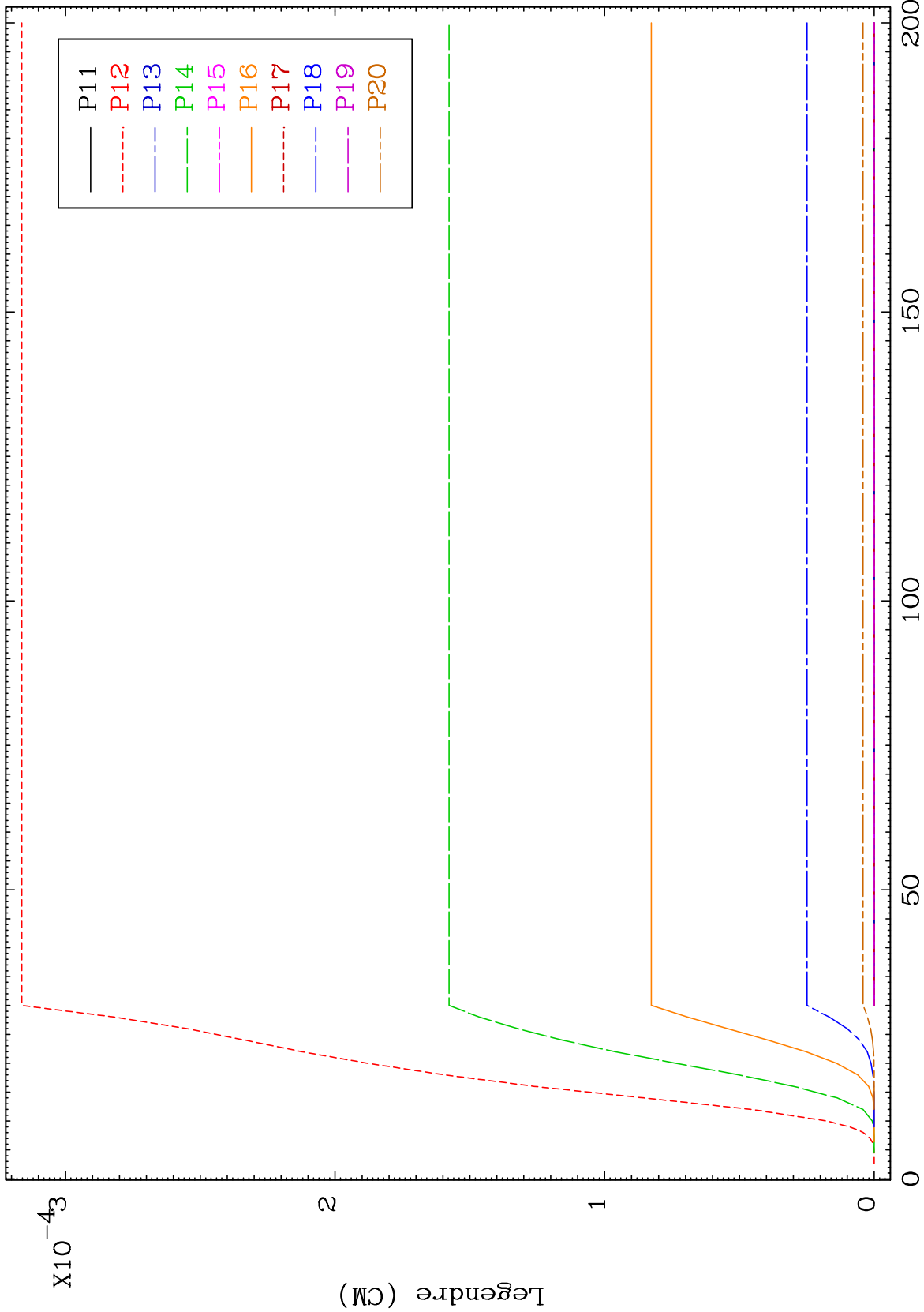
68-Er-167



MAT 6840

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

68-Er-167



48

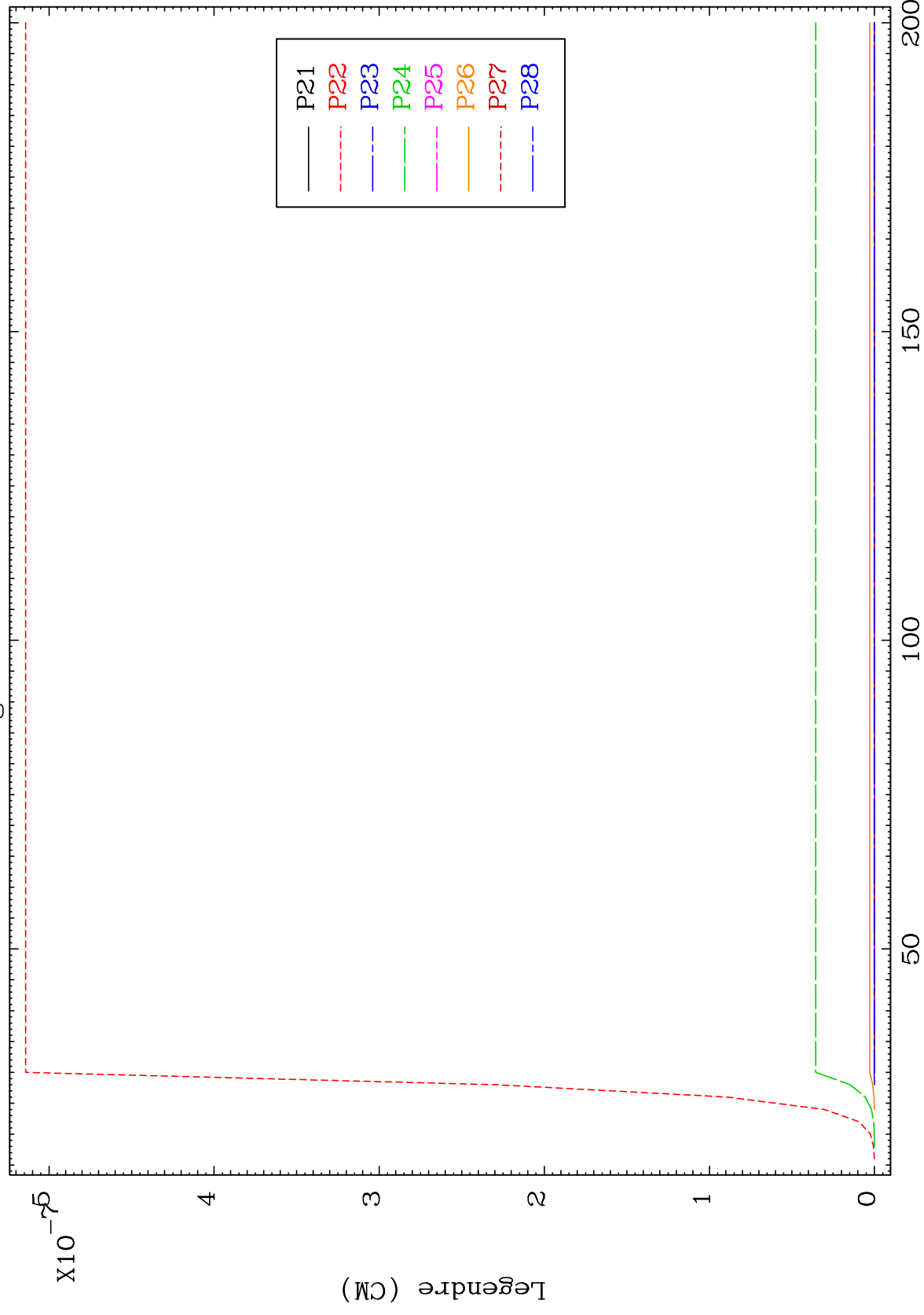
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



49

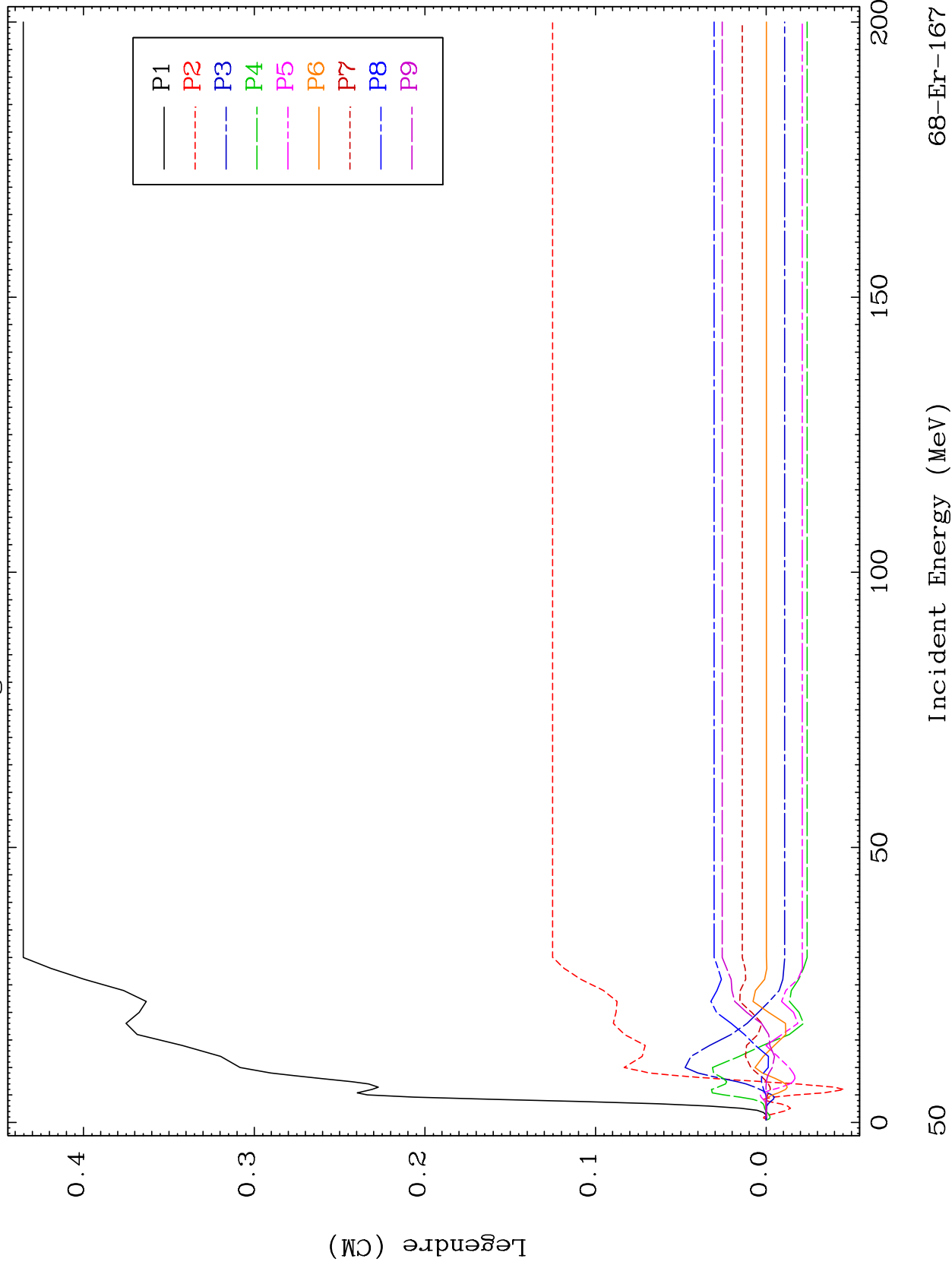
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



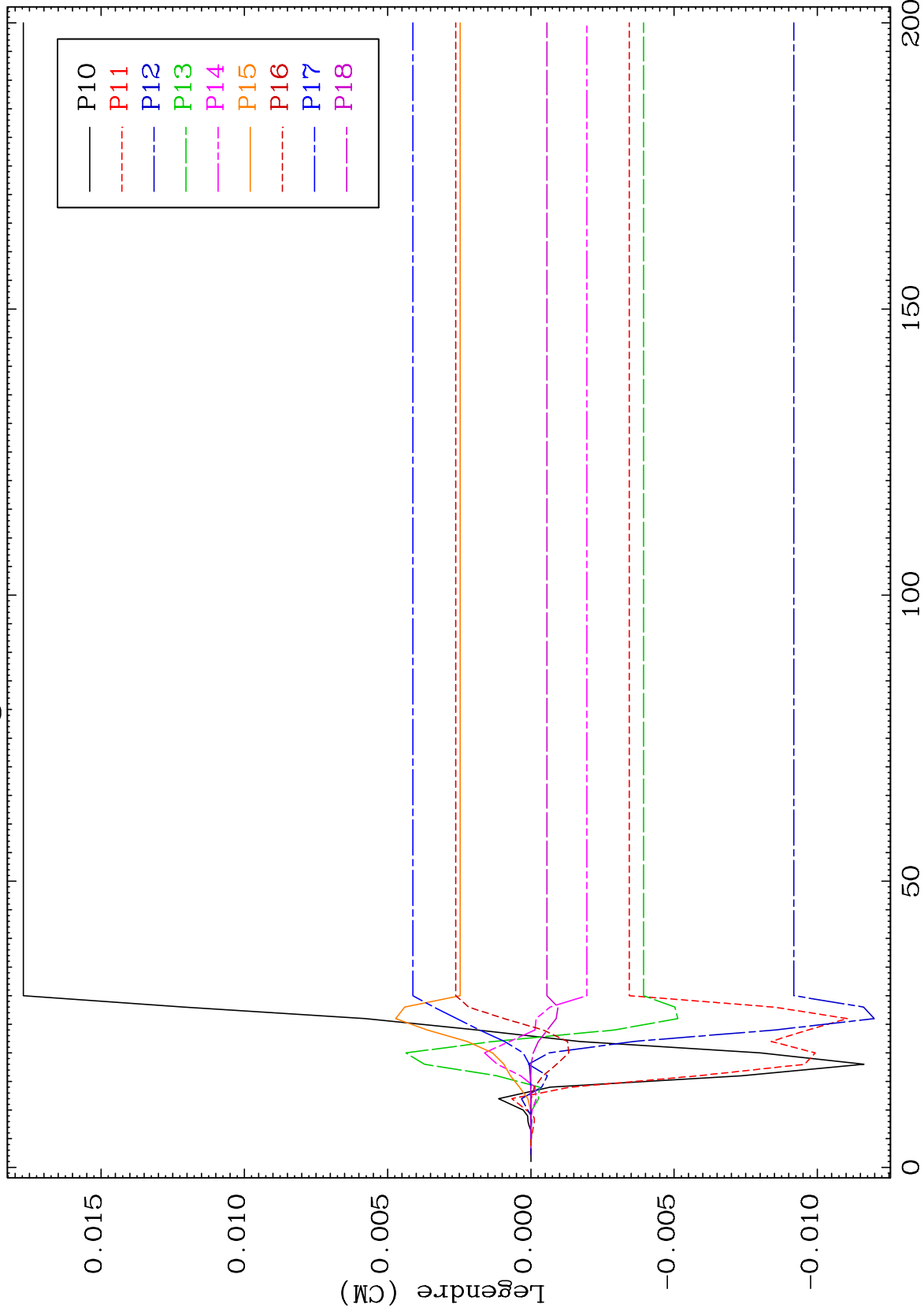
68-Er-167

Incident Energy (MeV)

MAT 6840

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

68-Er-167



51

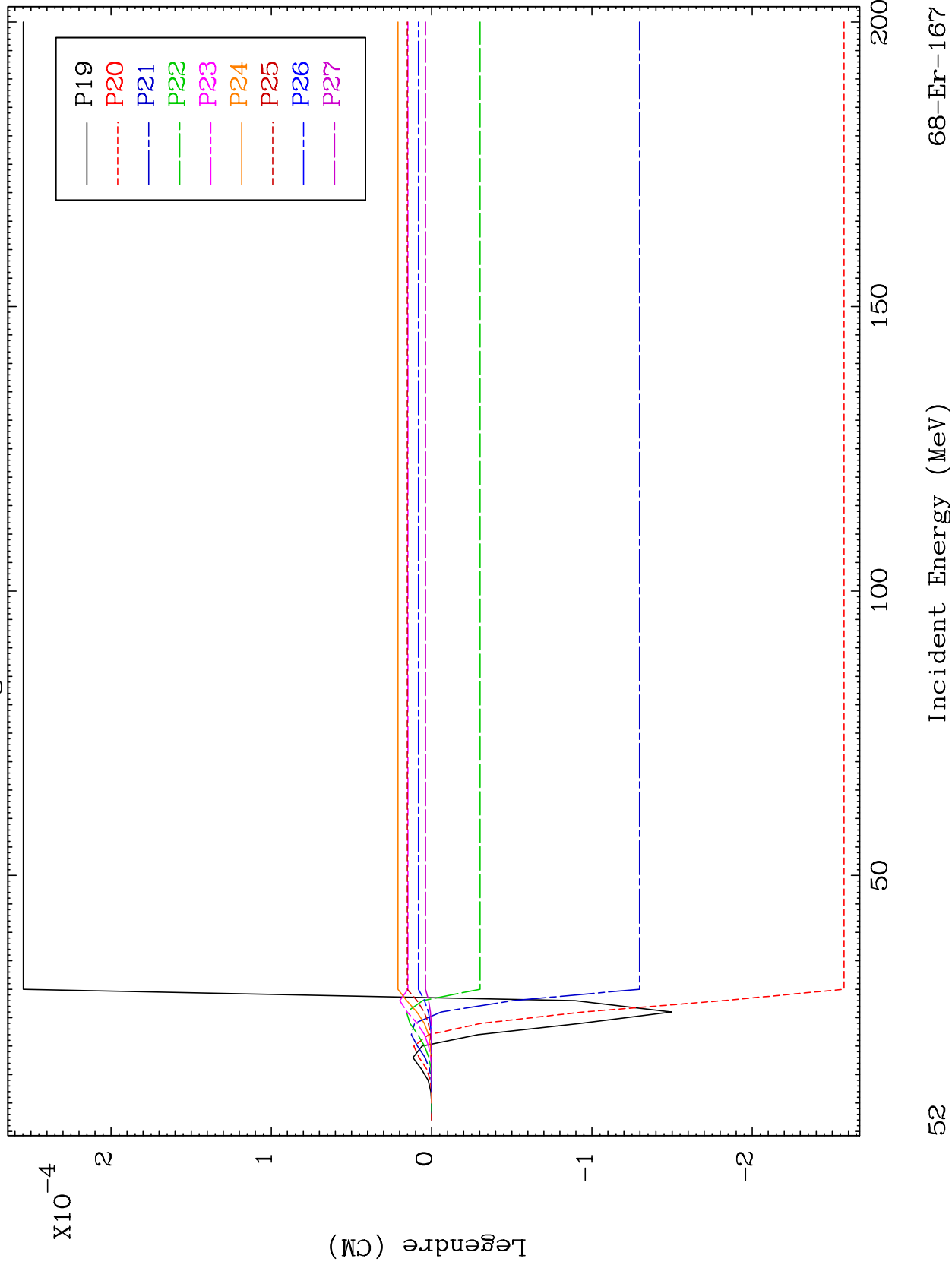
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



52

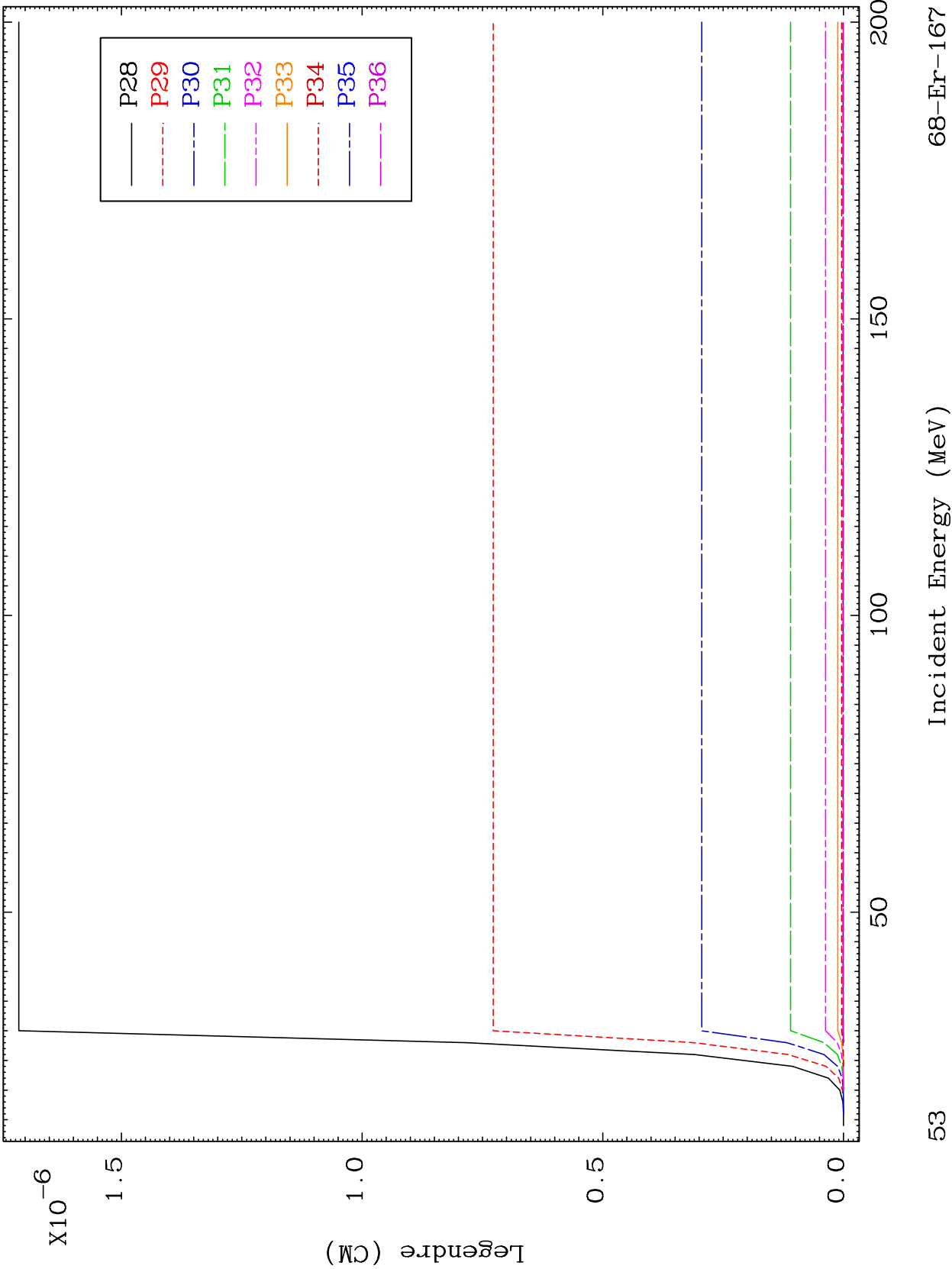
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



53

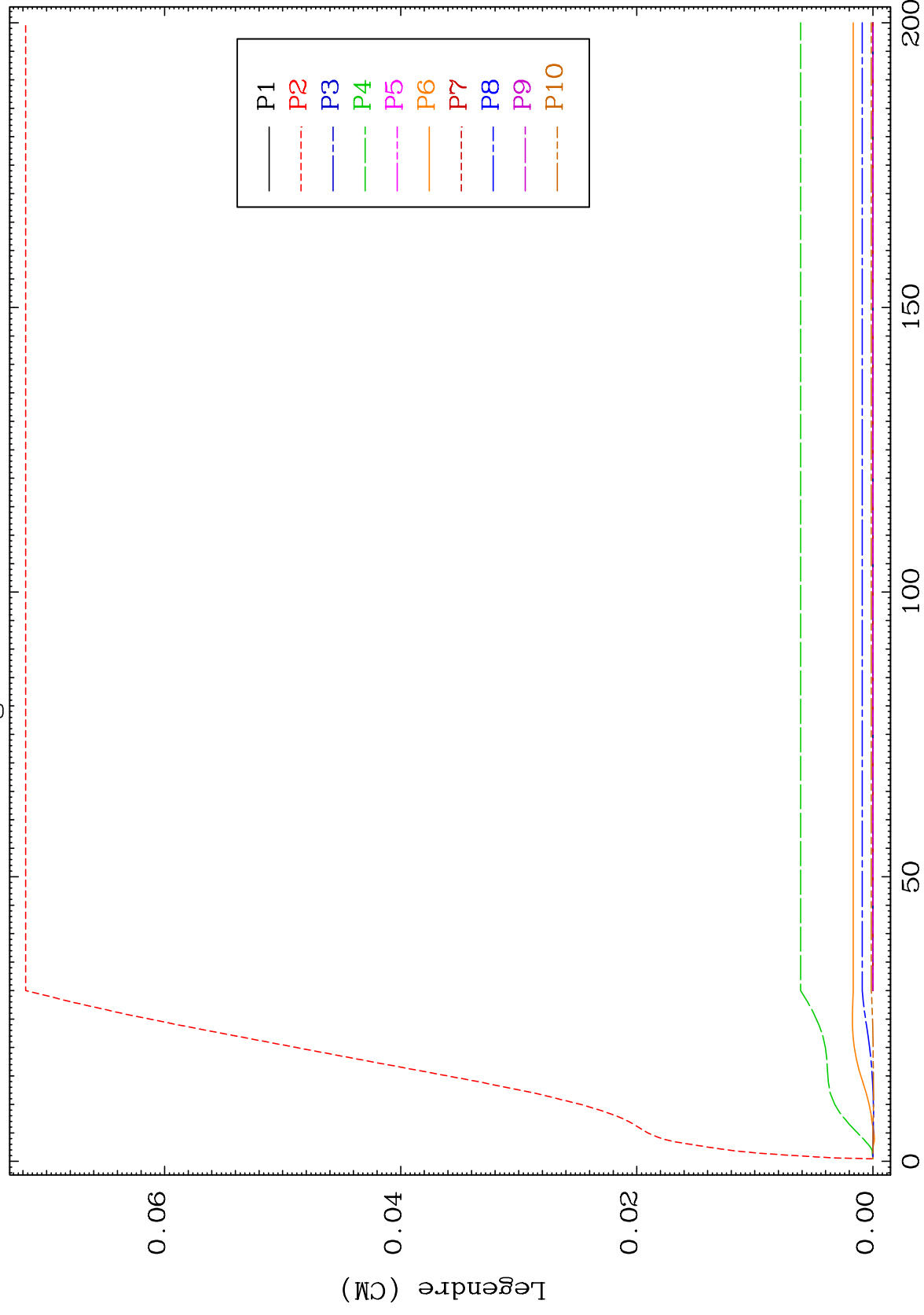
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



54

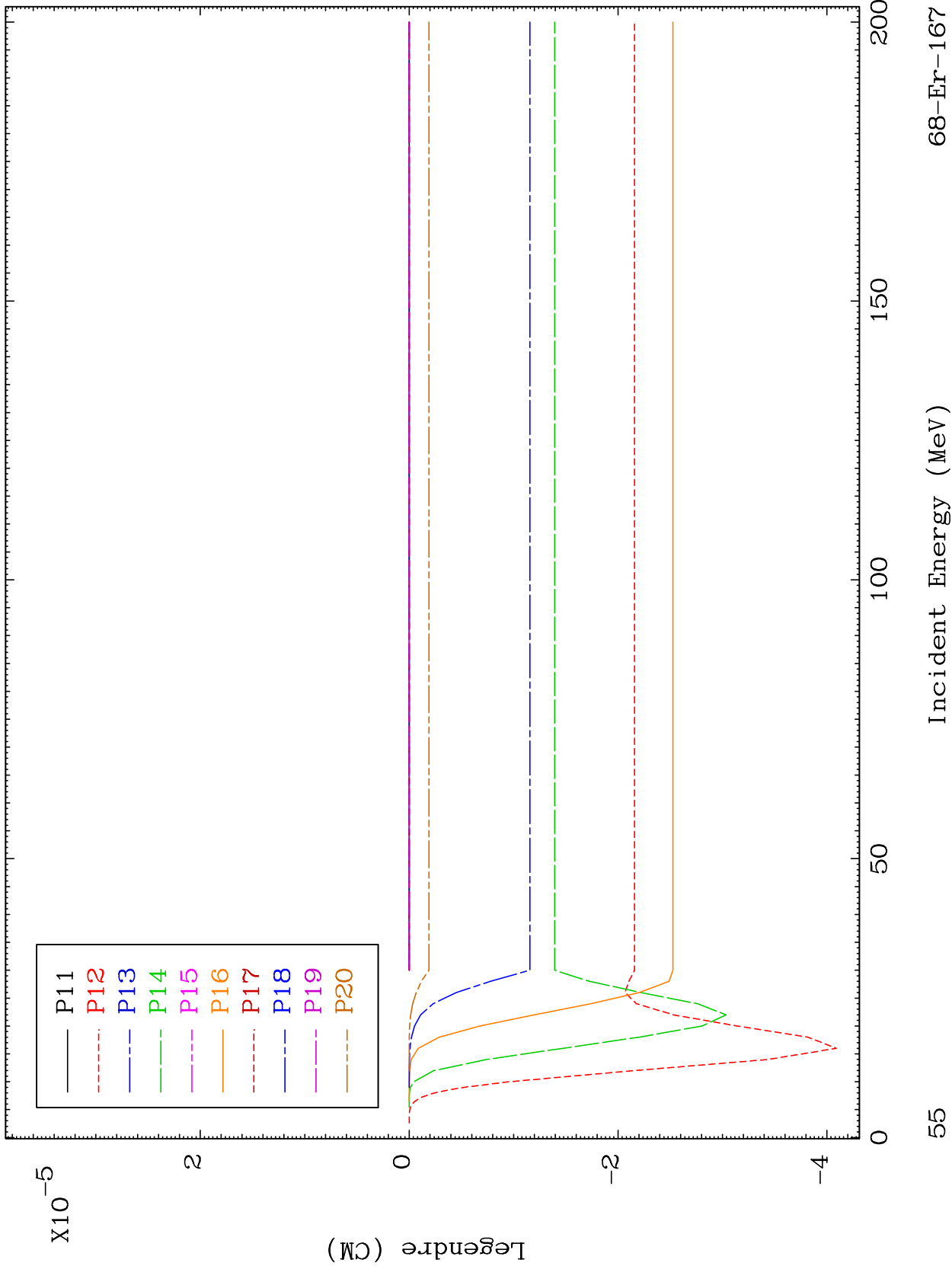
Incident Energy (MeV)

68-Er-167

MAT 6840

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

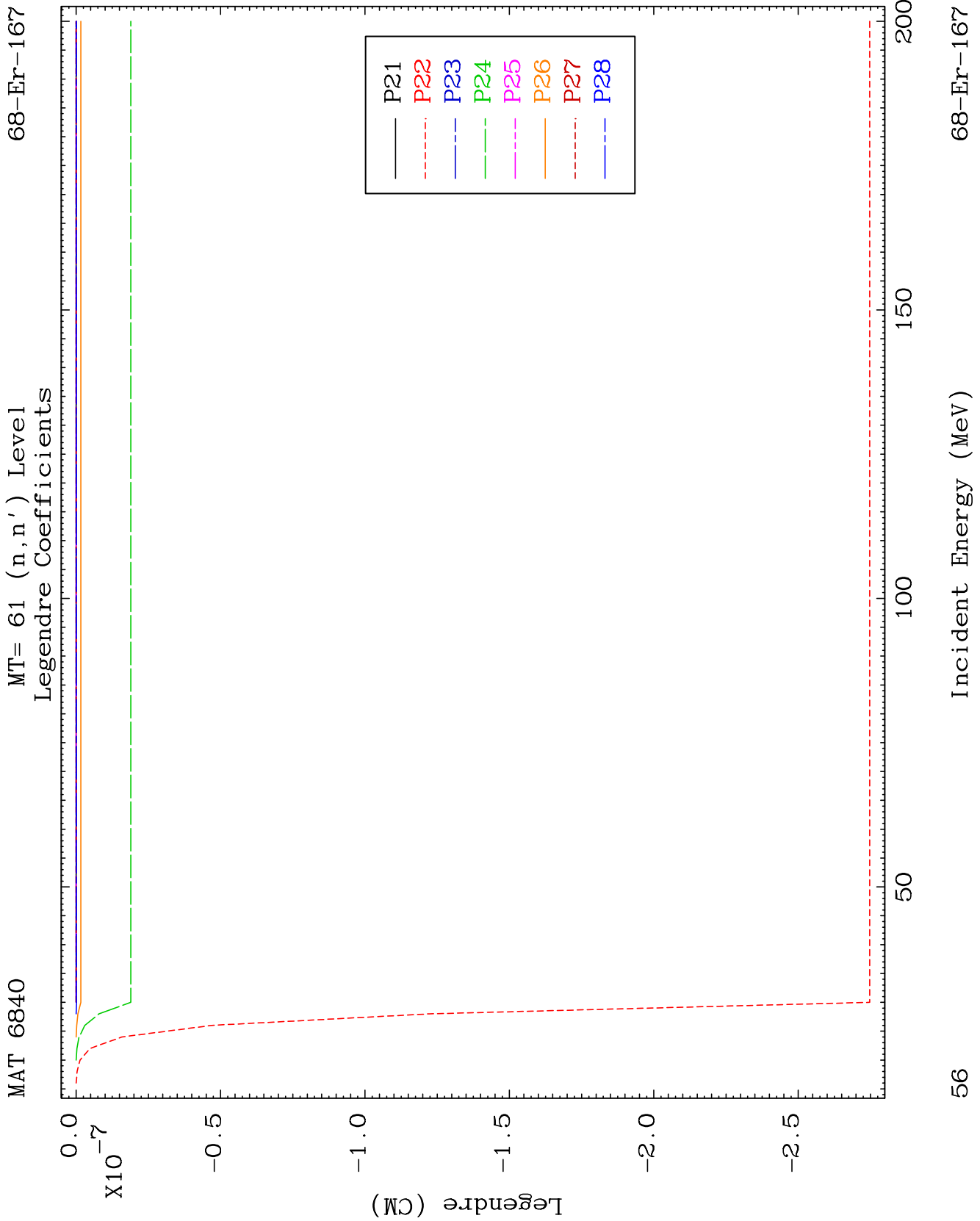
68-Er-167



68-Er-167

Incident Energy (MeV)

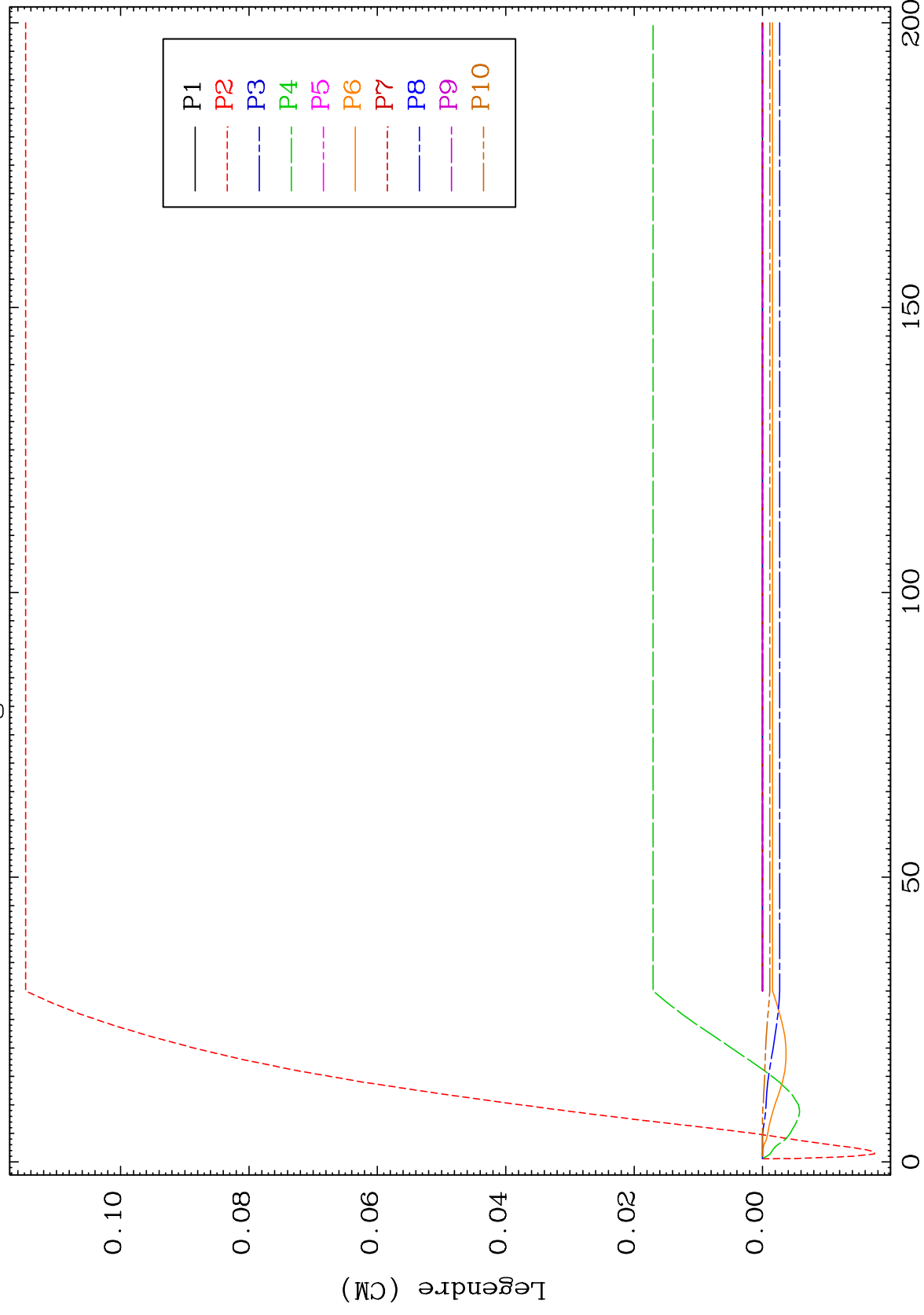
55



MAT 6840

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

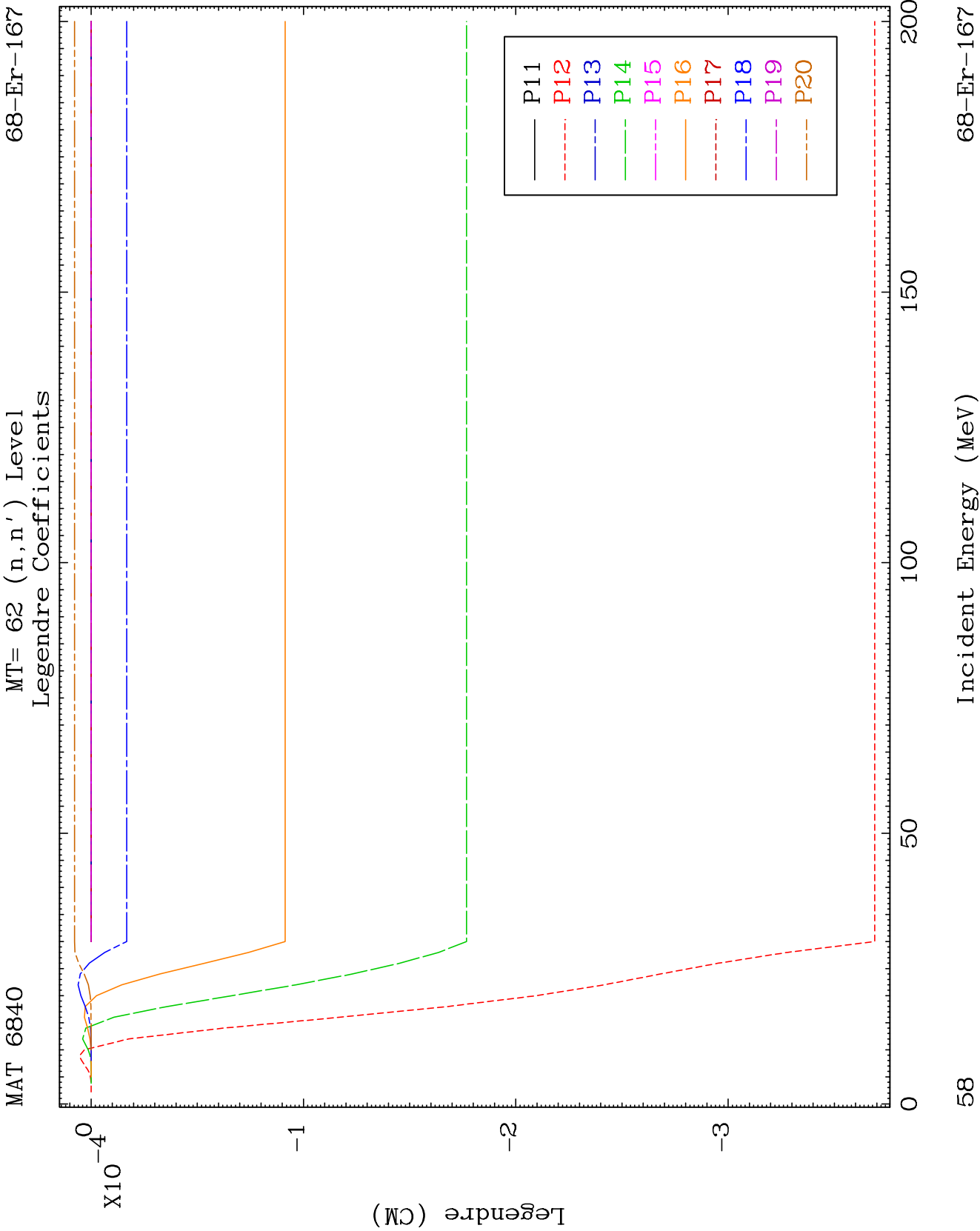
68-Er-167

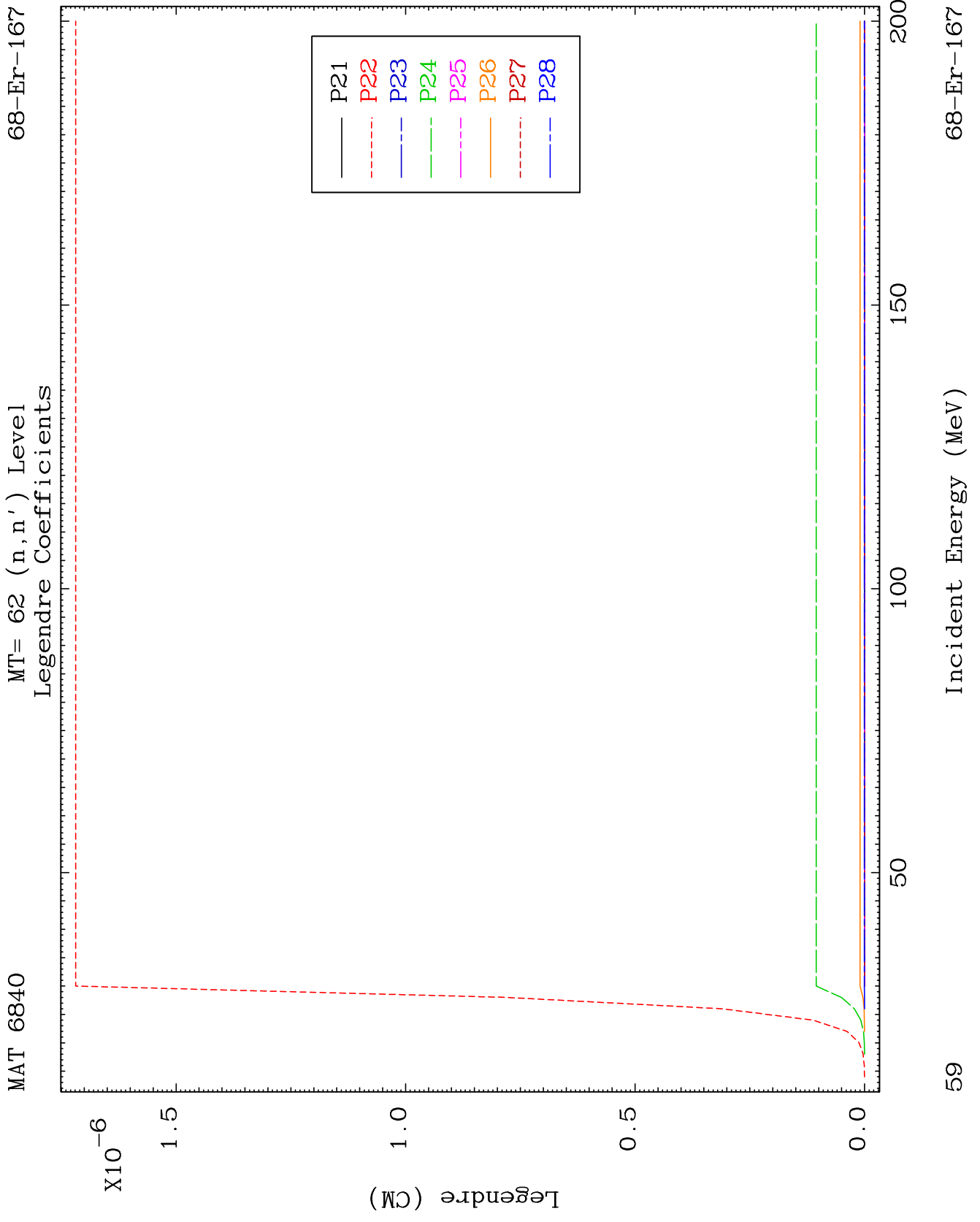


57

Incident Energy (MeV)

68-Er-167

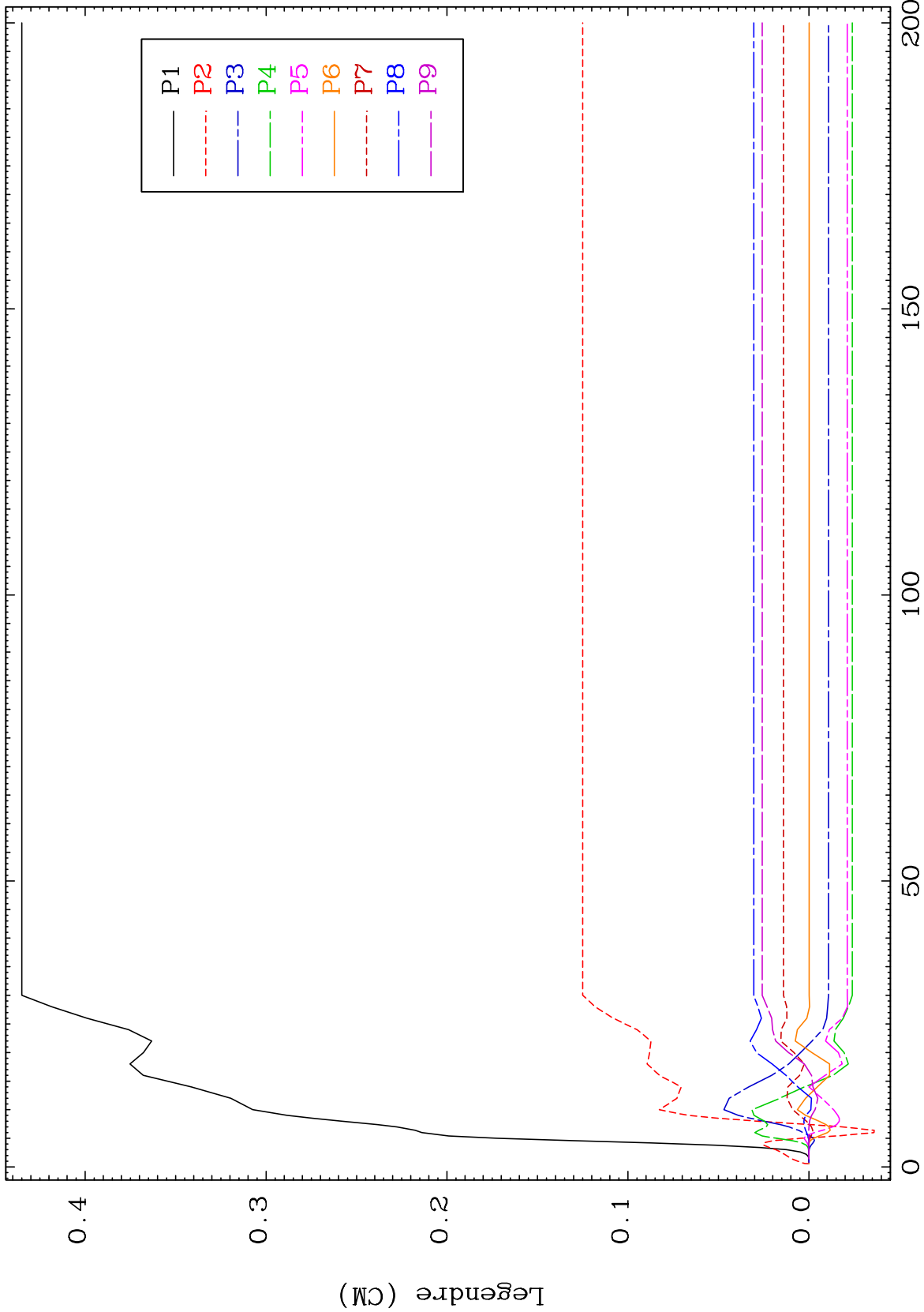




MAT 6840

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

68-Er-167



68-Er-167

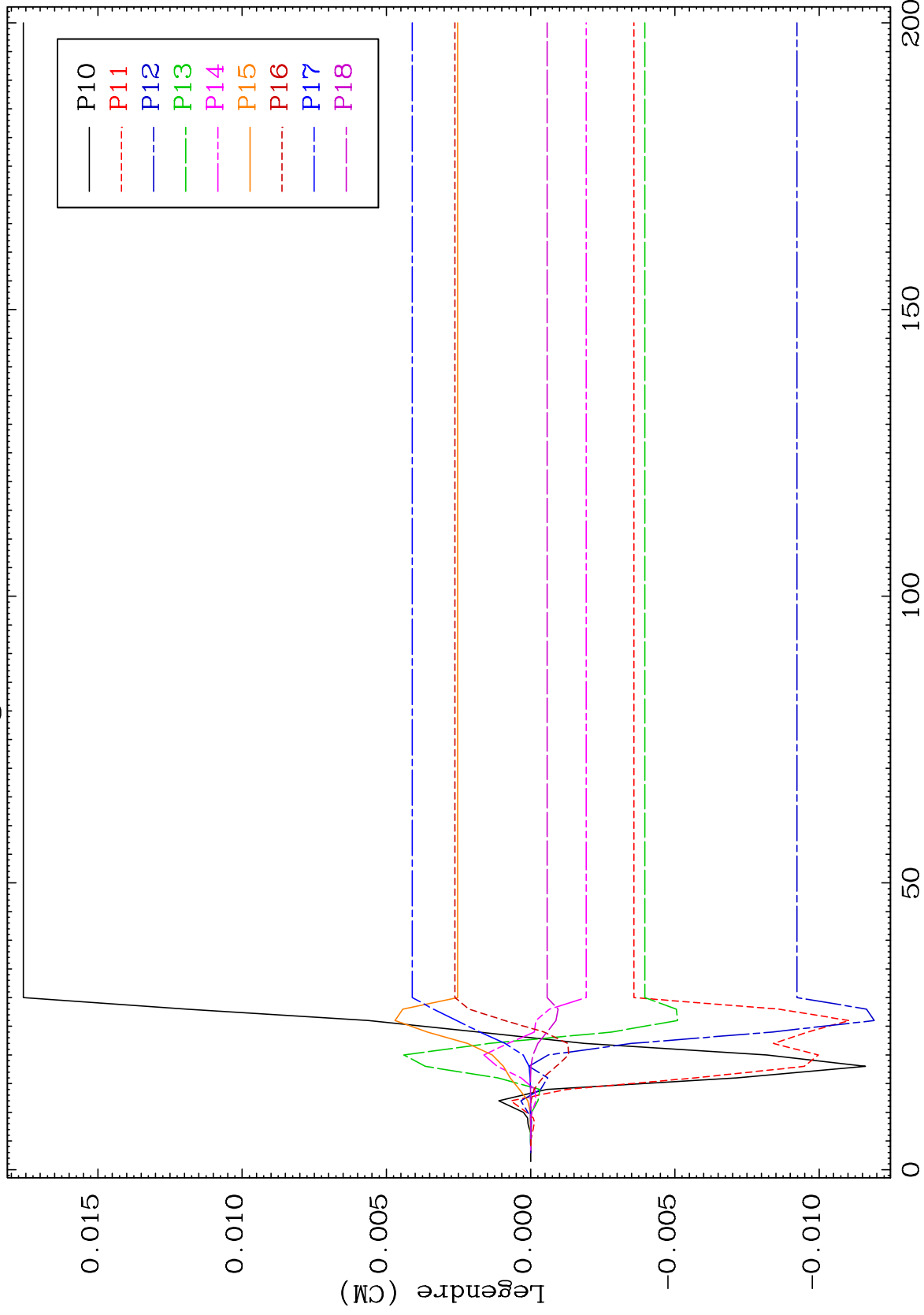
Incident Energy (MeV)

0

MAT 6840

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

68-Er-167



61

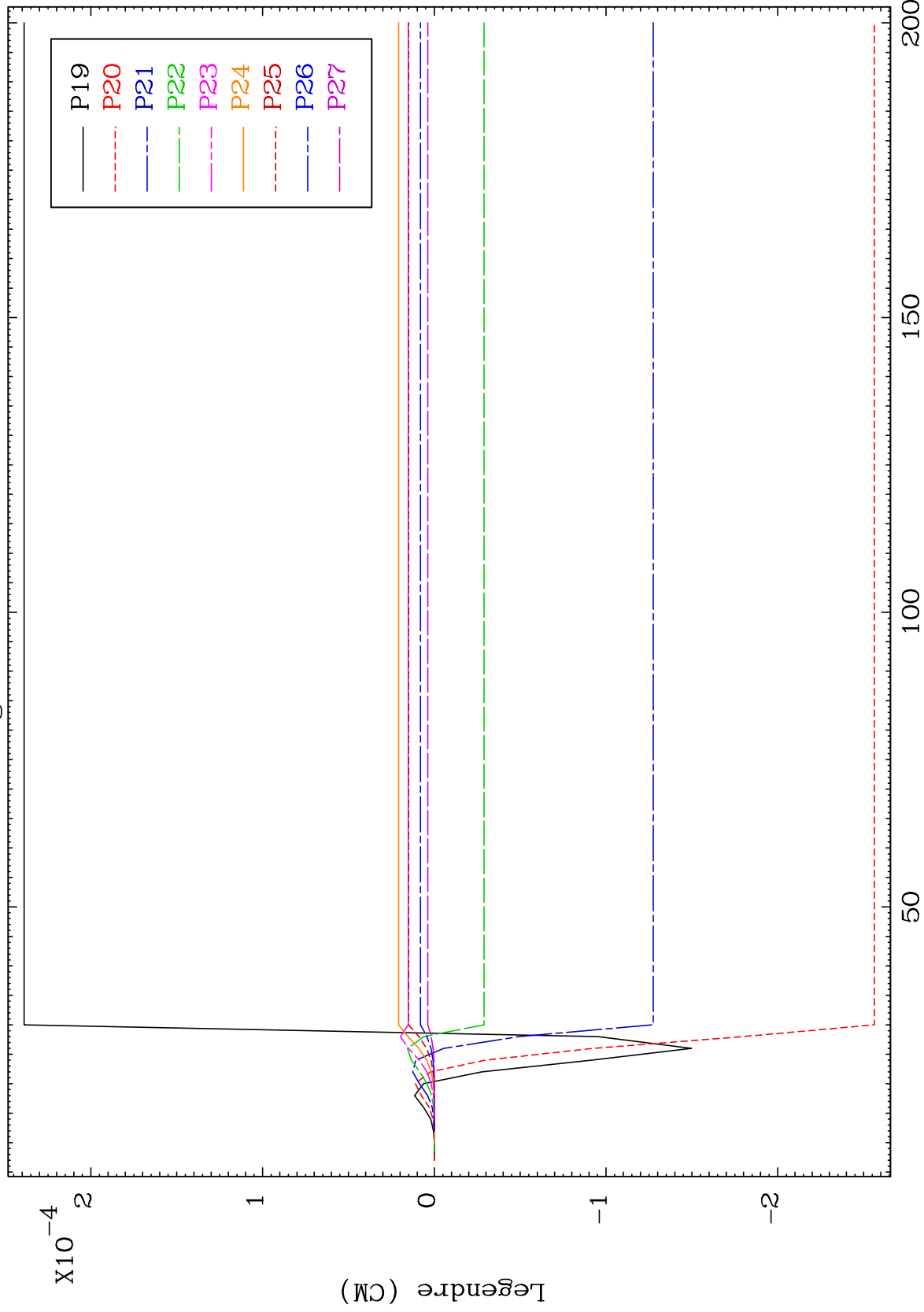
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



62

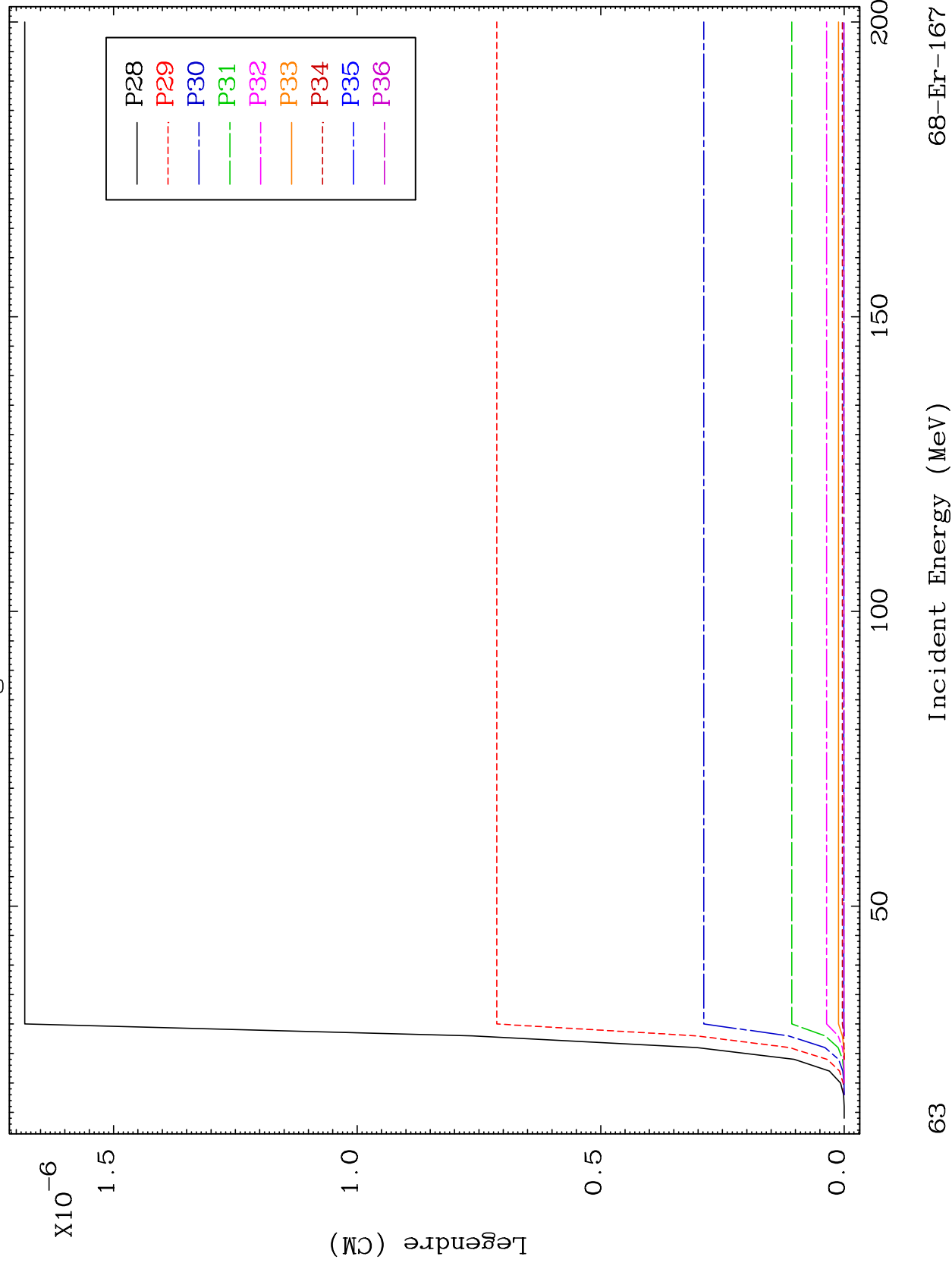
Incident Energy (MeV)

68-Er-167

MAT 6840

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

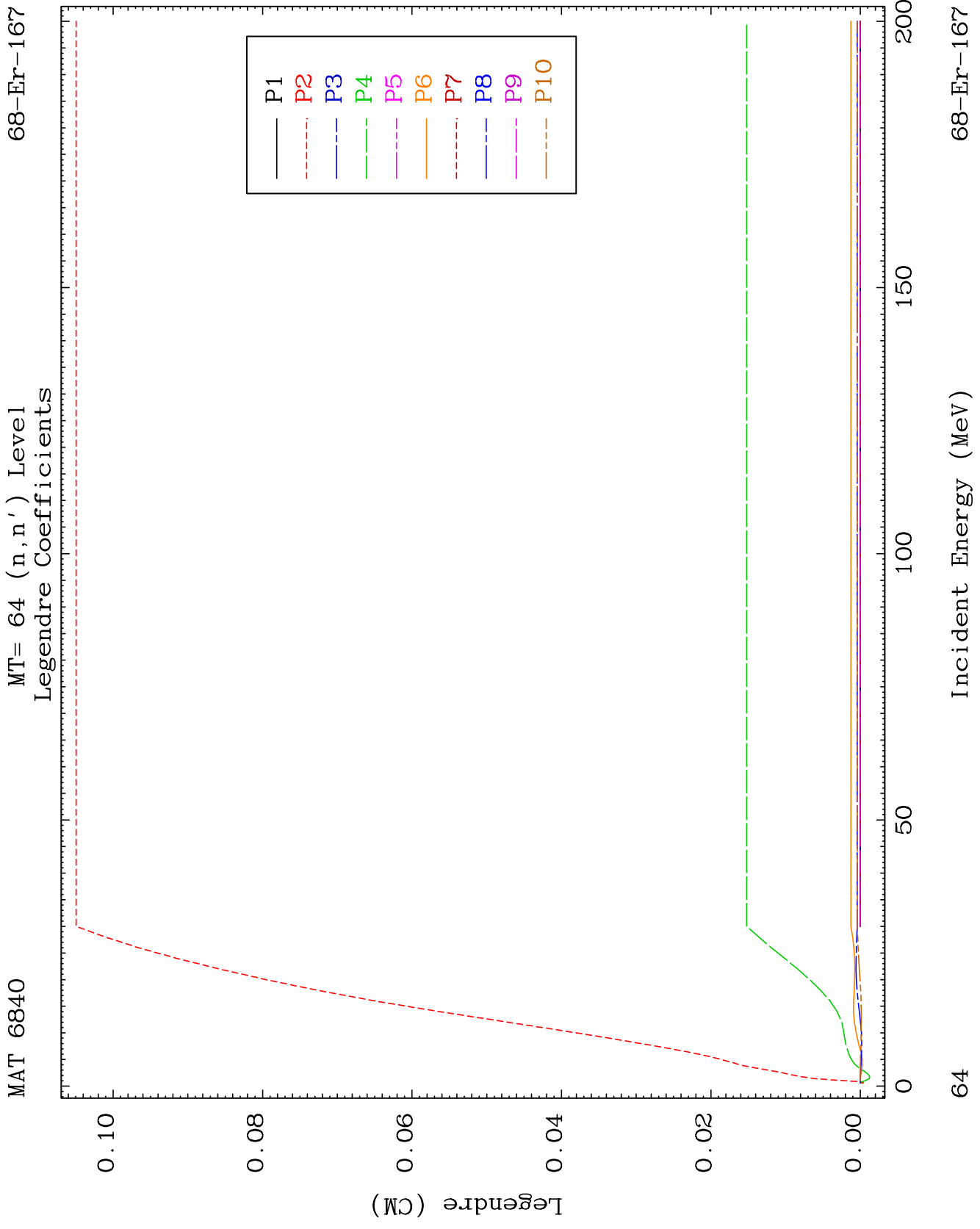
68-Er-167



63

Incident Energy (MeV)

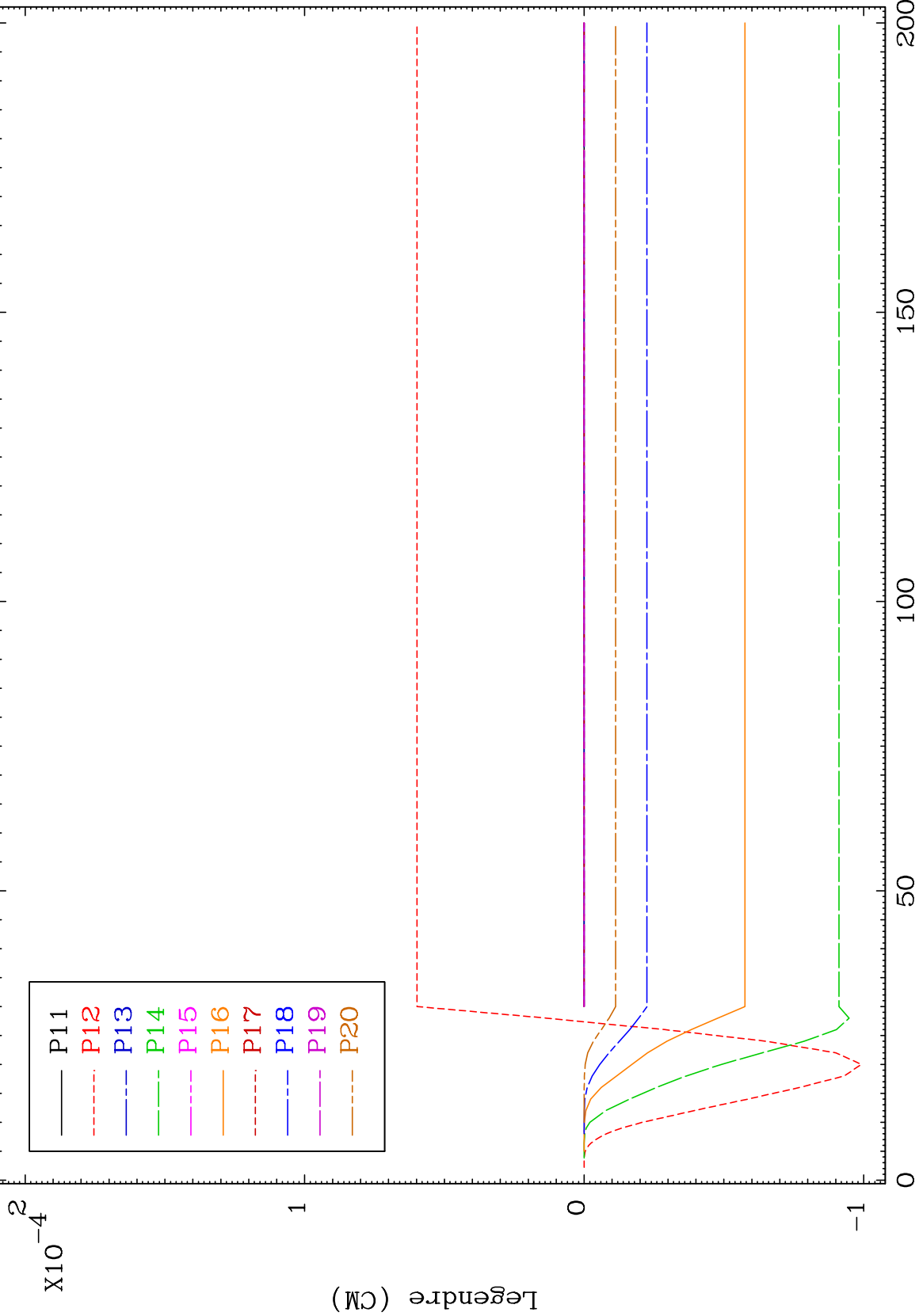
68-Er-167



MAT 6840

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

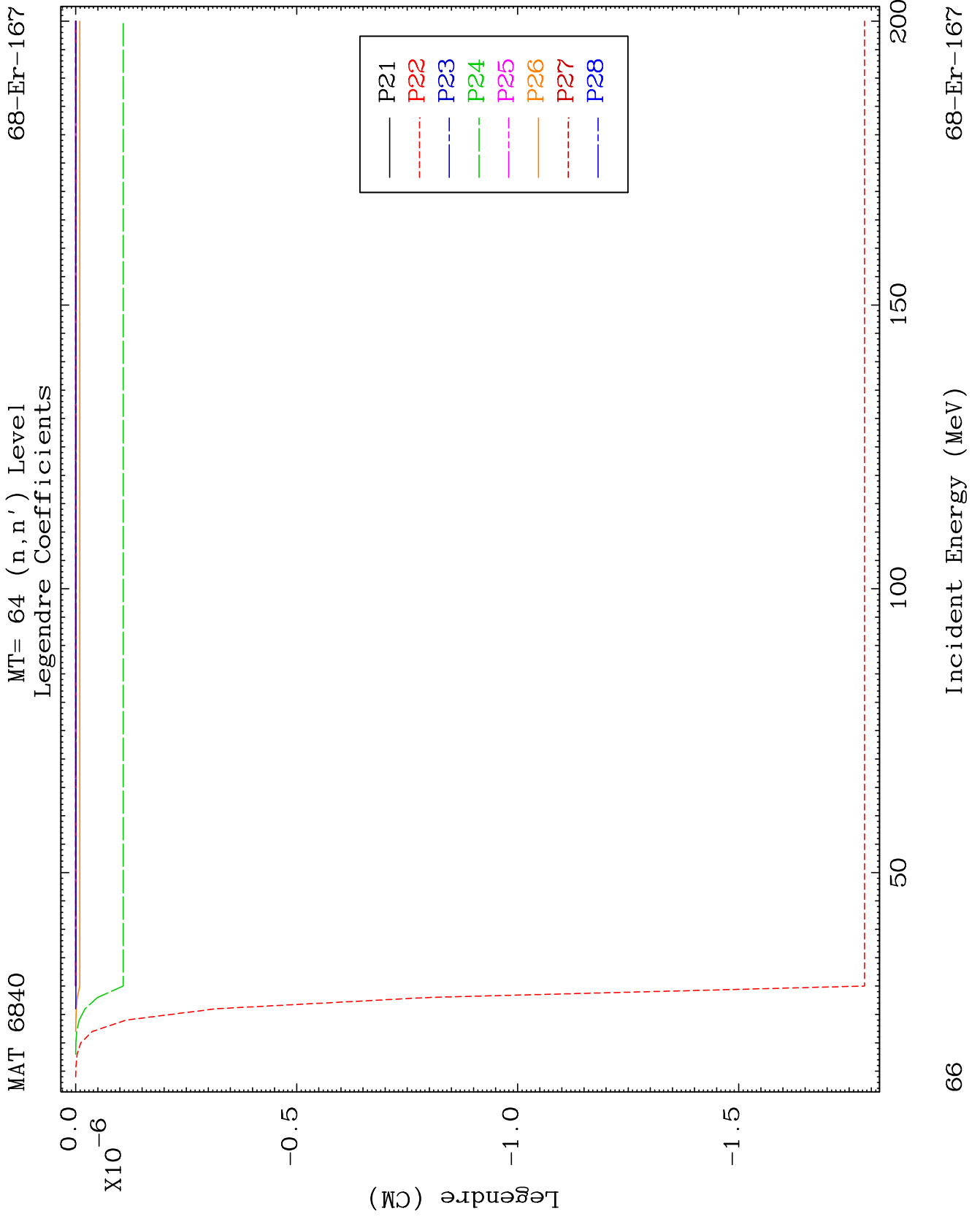
68-Er-167



65

68-Er-167

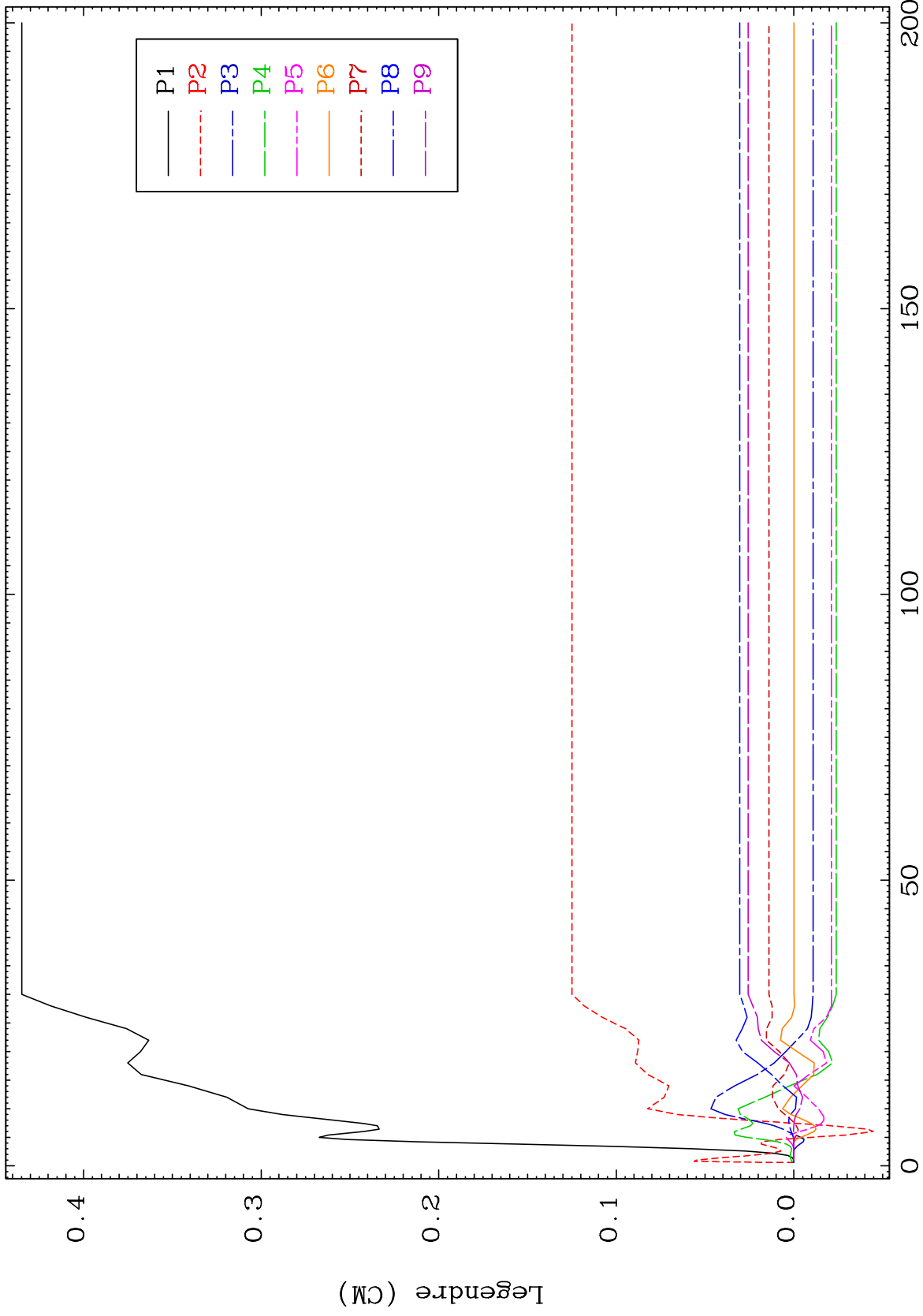
68-Er-167



MAT 6840

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

68-Er-167



67

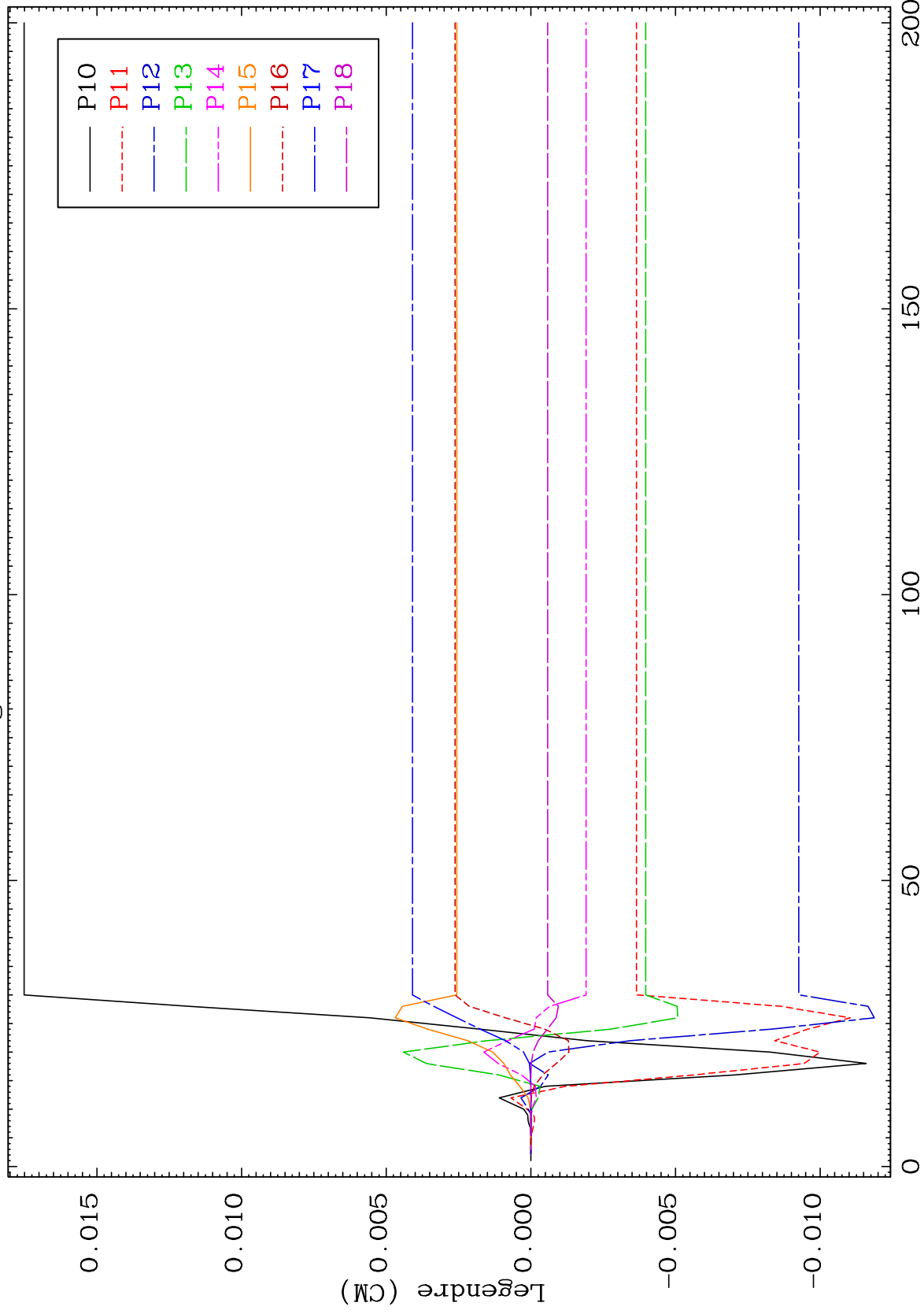
Incident Energy (MeV)

68-Er-167

MAT 6840

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

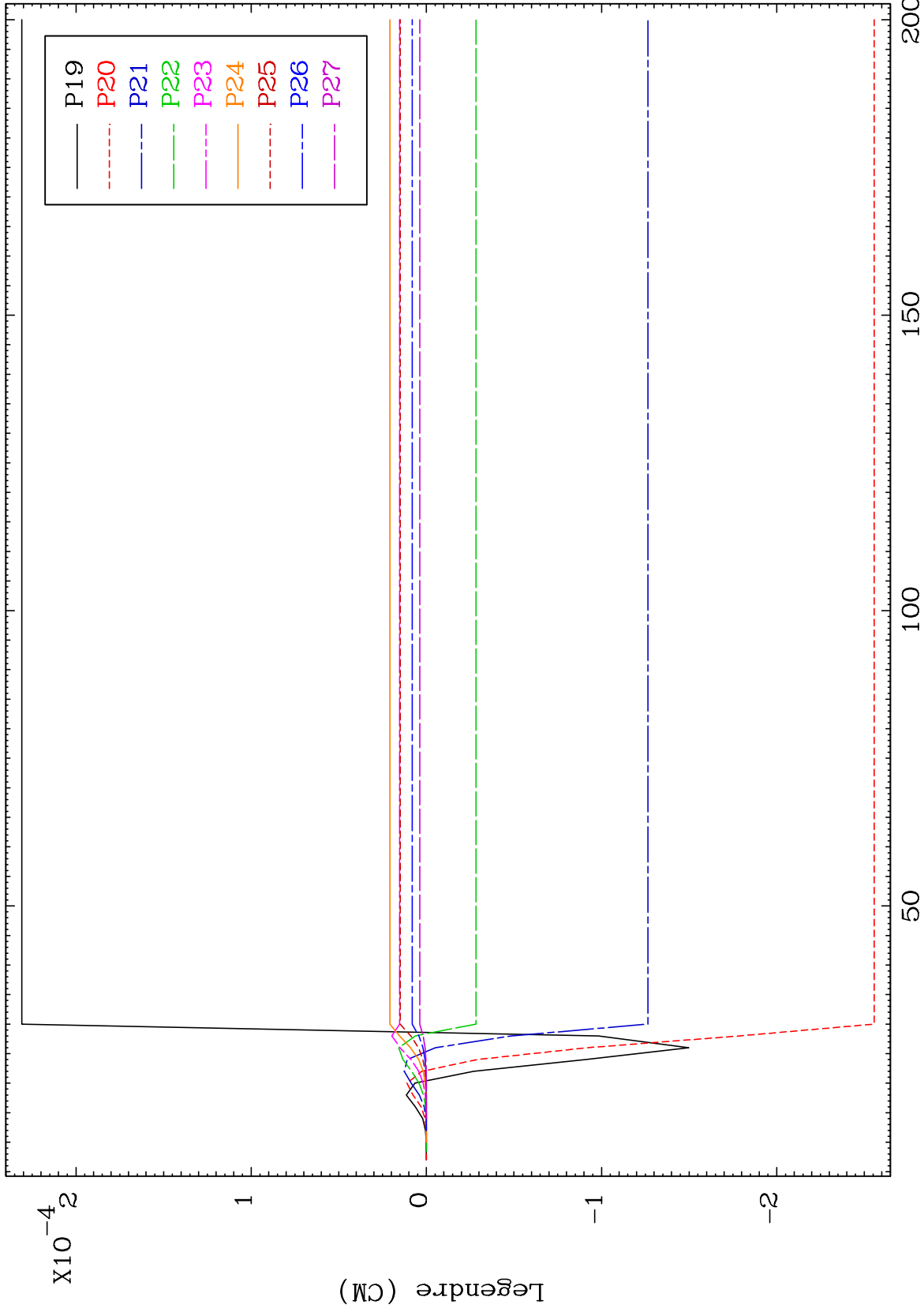
68-Er-167



68

Incident Energy (MeV)

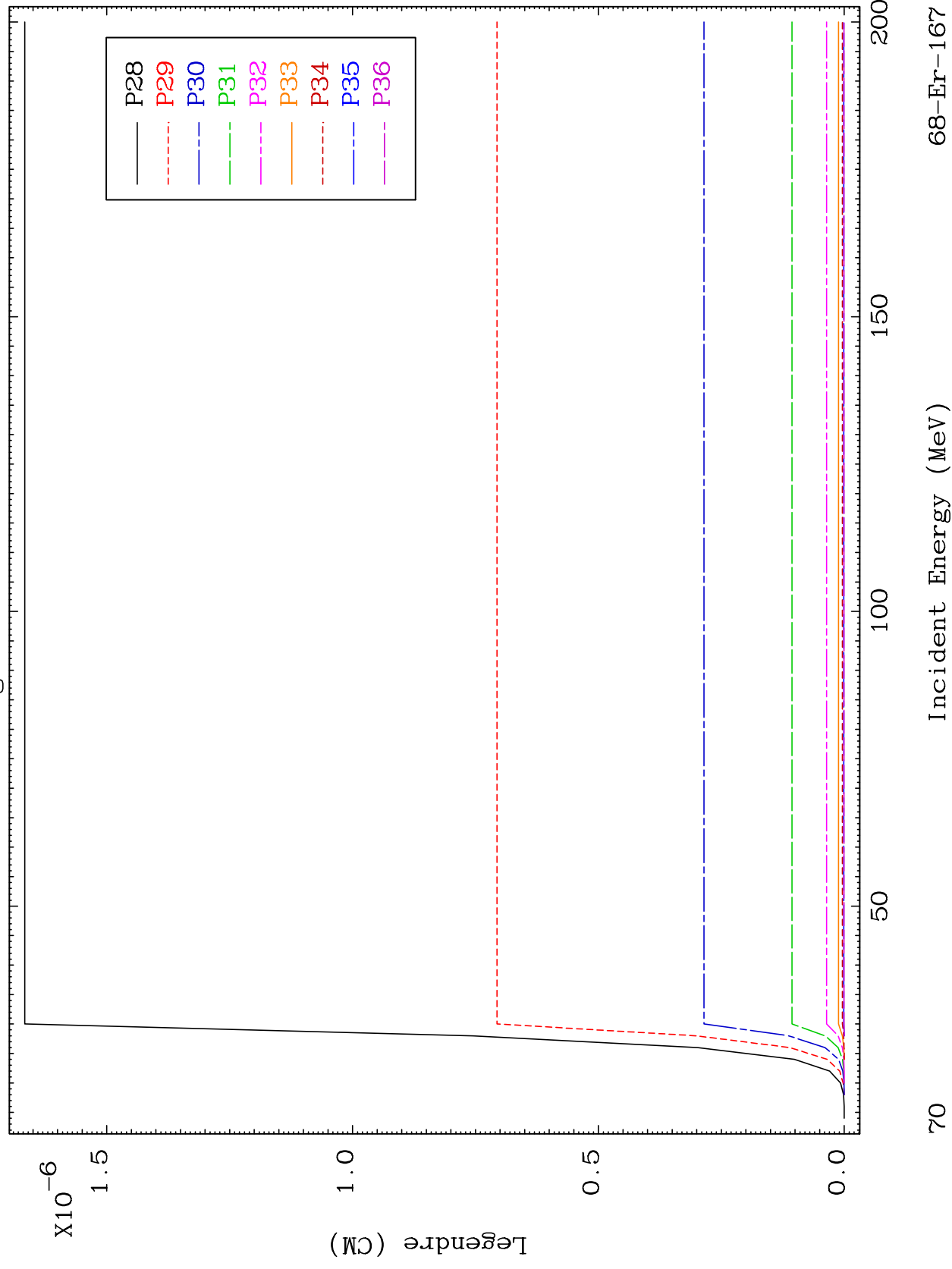
68-Er-167



MAT 6840

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

68-Er-167



70

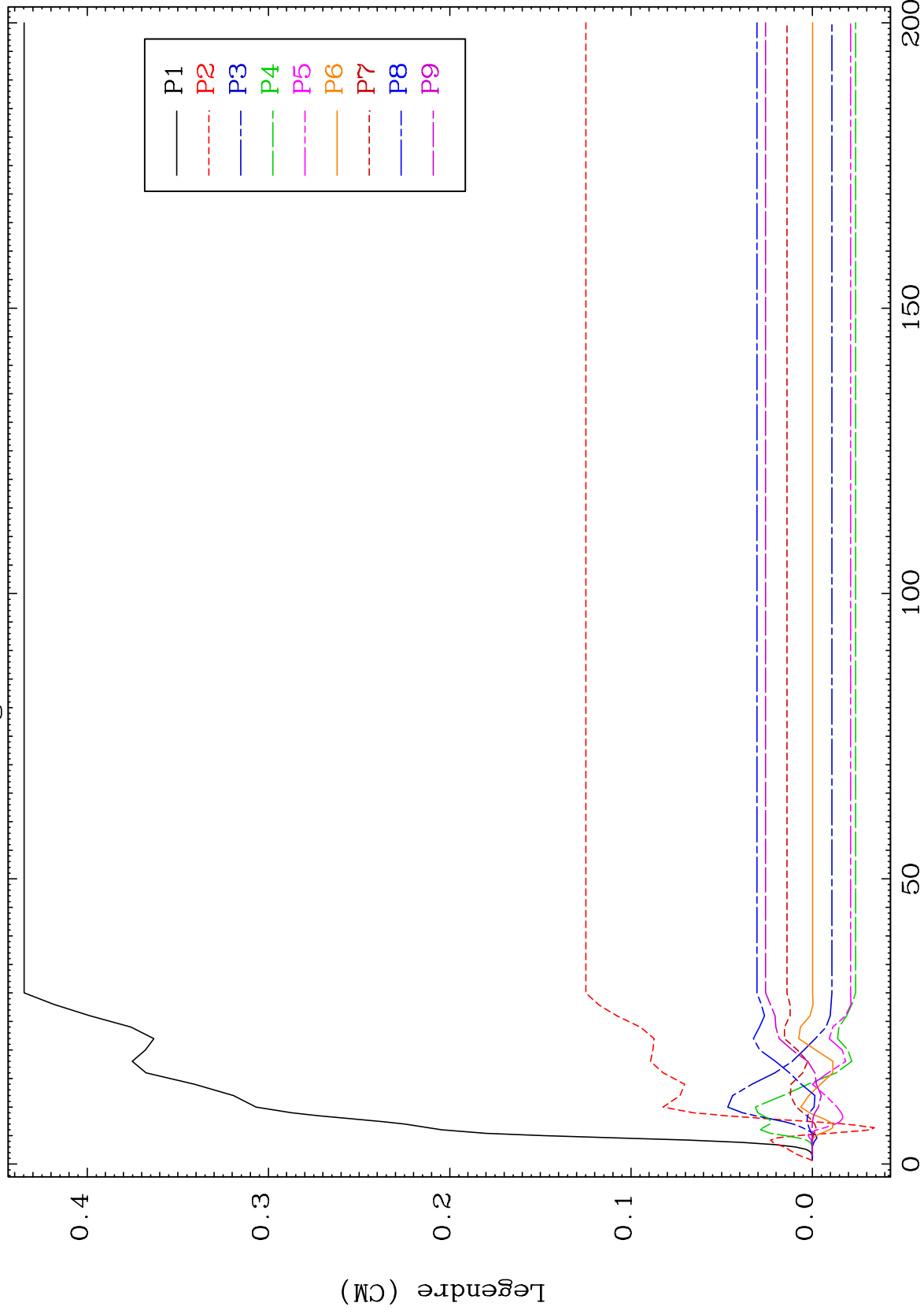
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



71

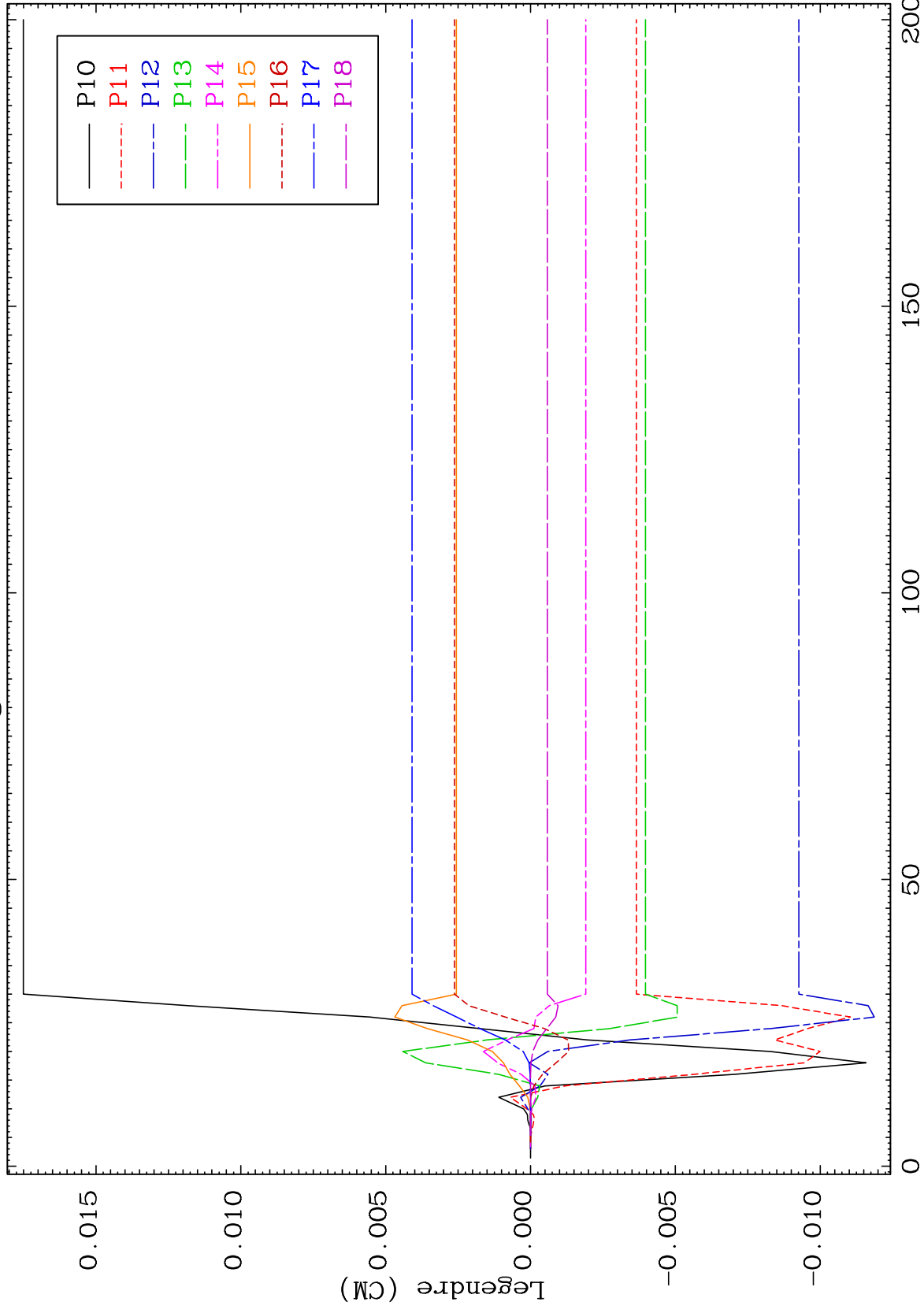
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



72

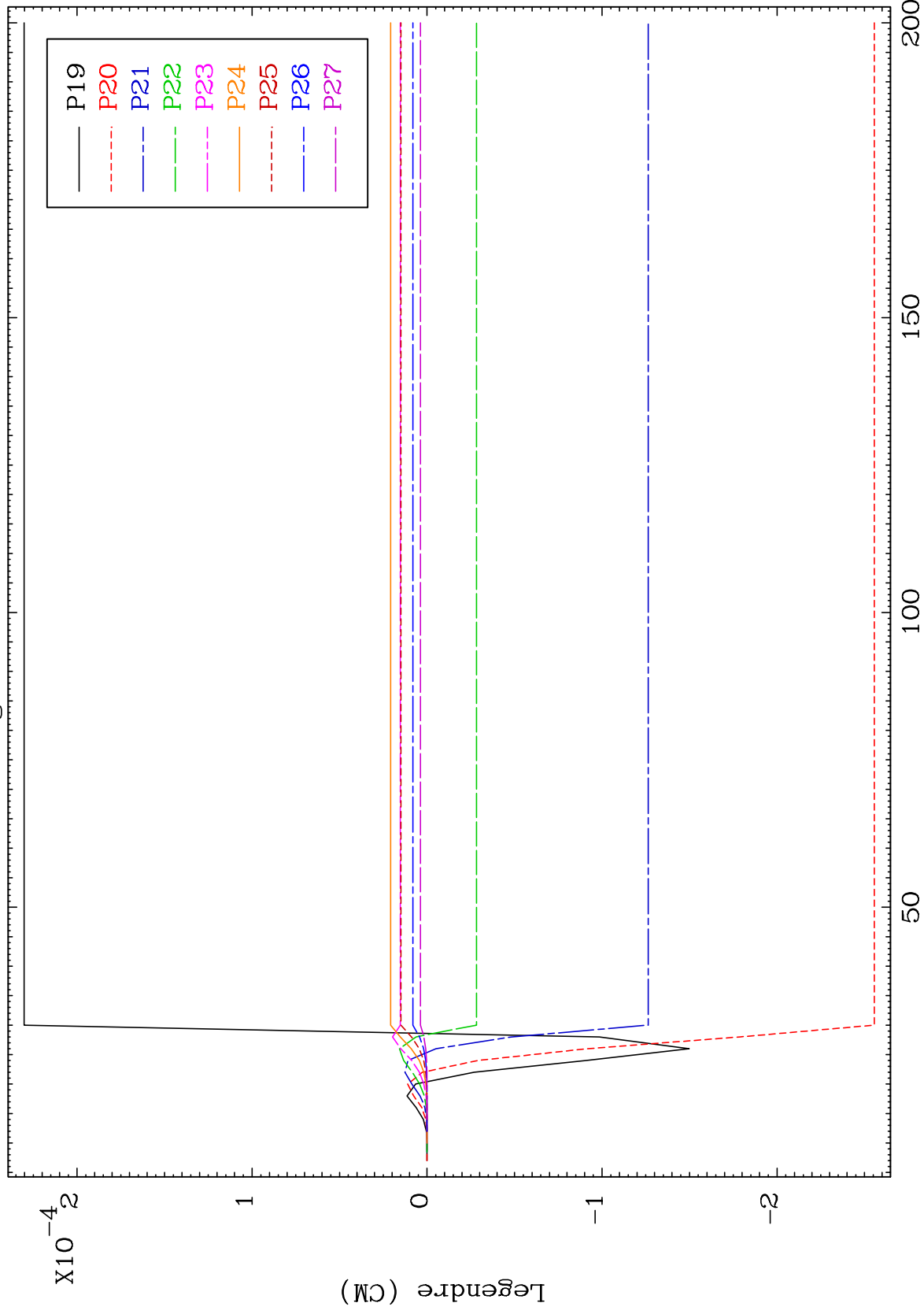
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



73

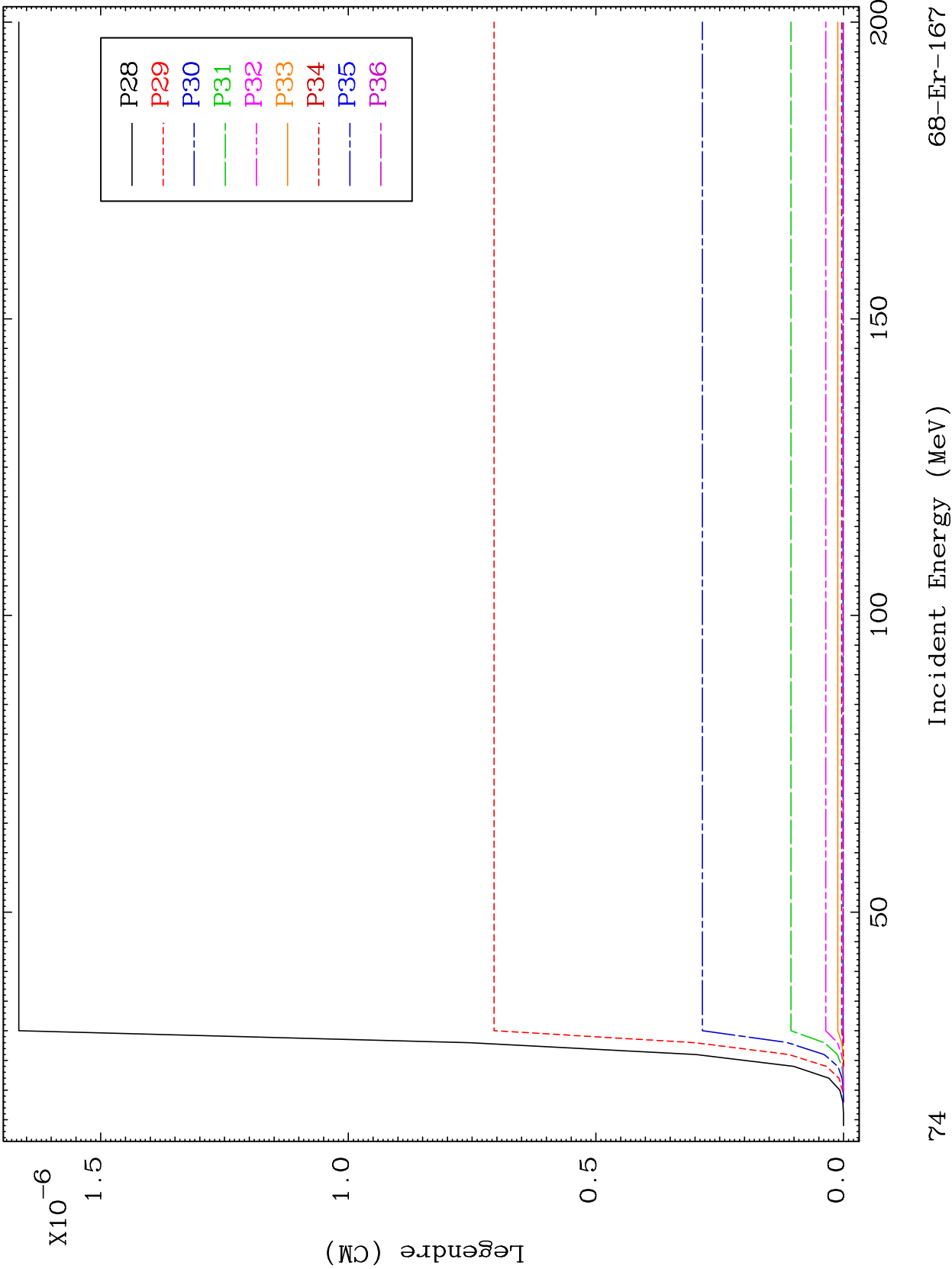
Incident Energy (MeV)

68-Er-167

MAT 6840

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

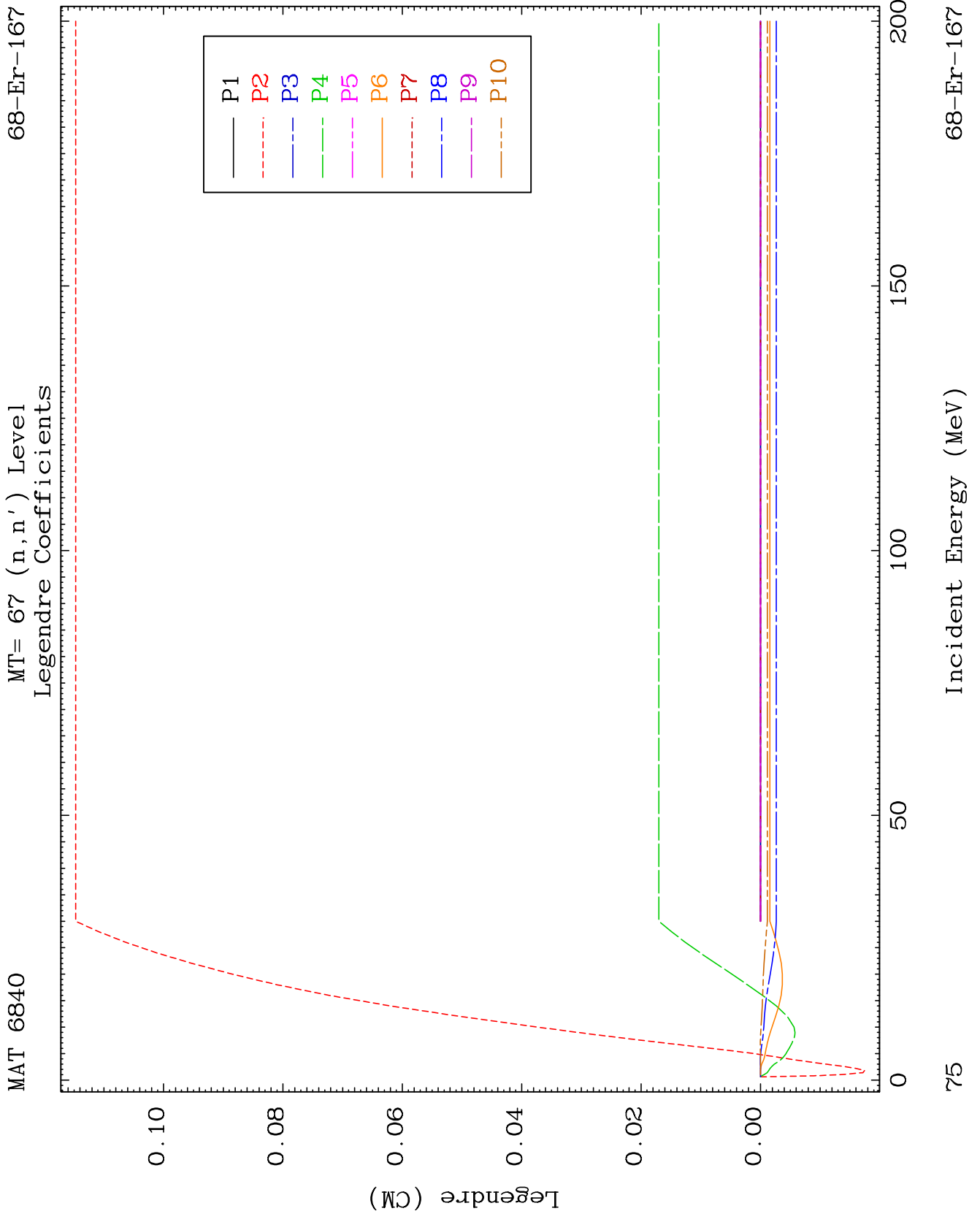
68-Er-167



74

Incident Energy (MeV)

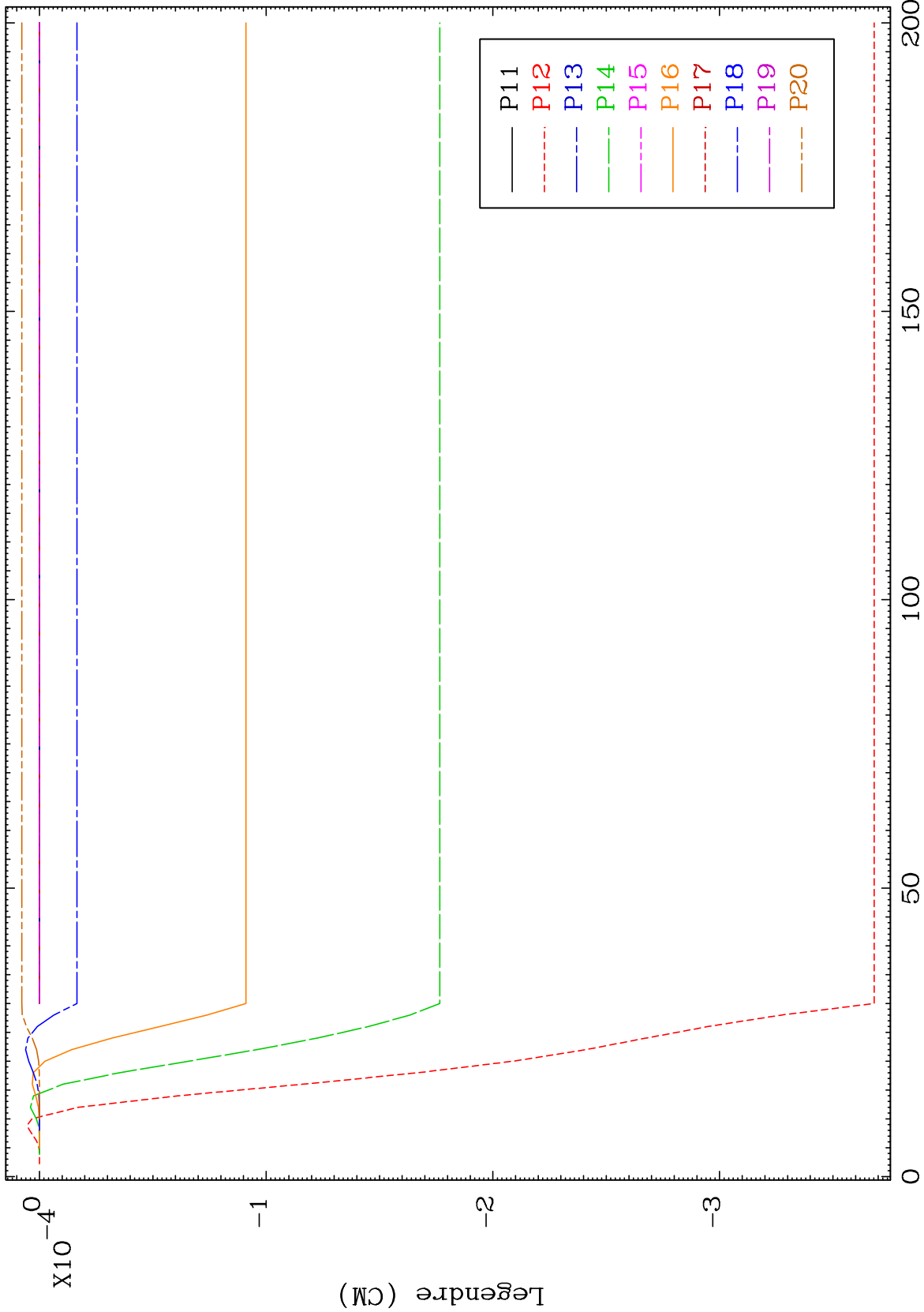
68-Er-167



MAT 6840

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

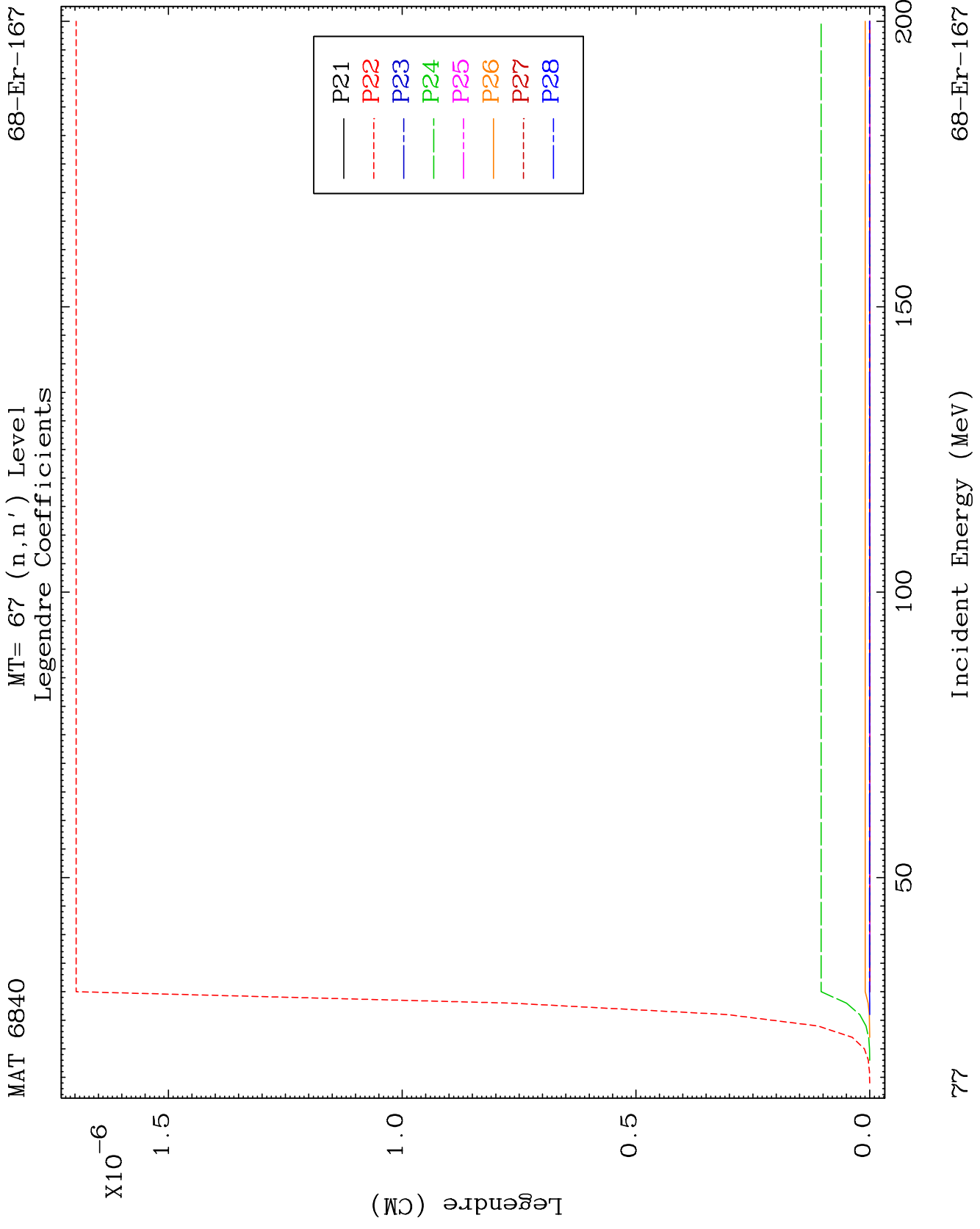
68-Er-167



76

Incident Energy (MeV)

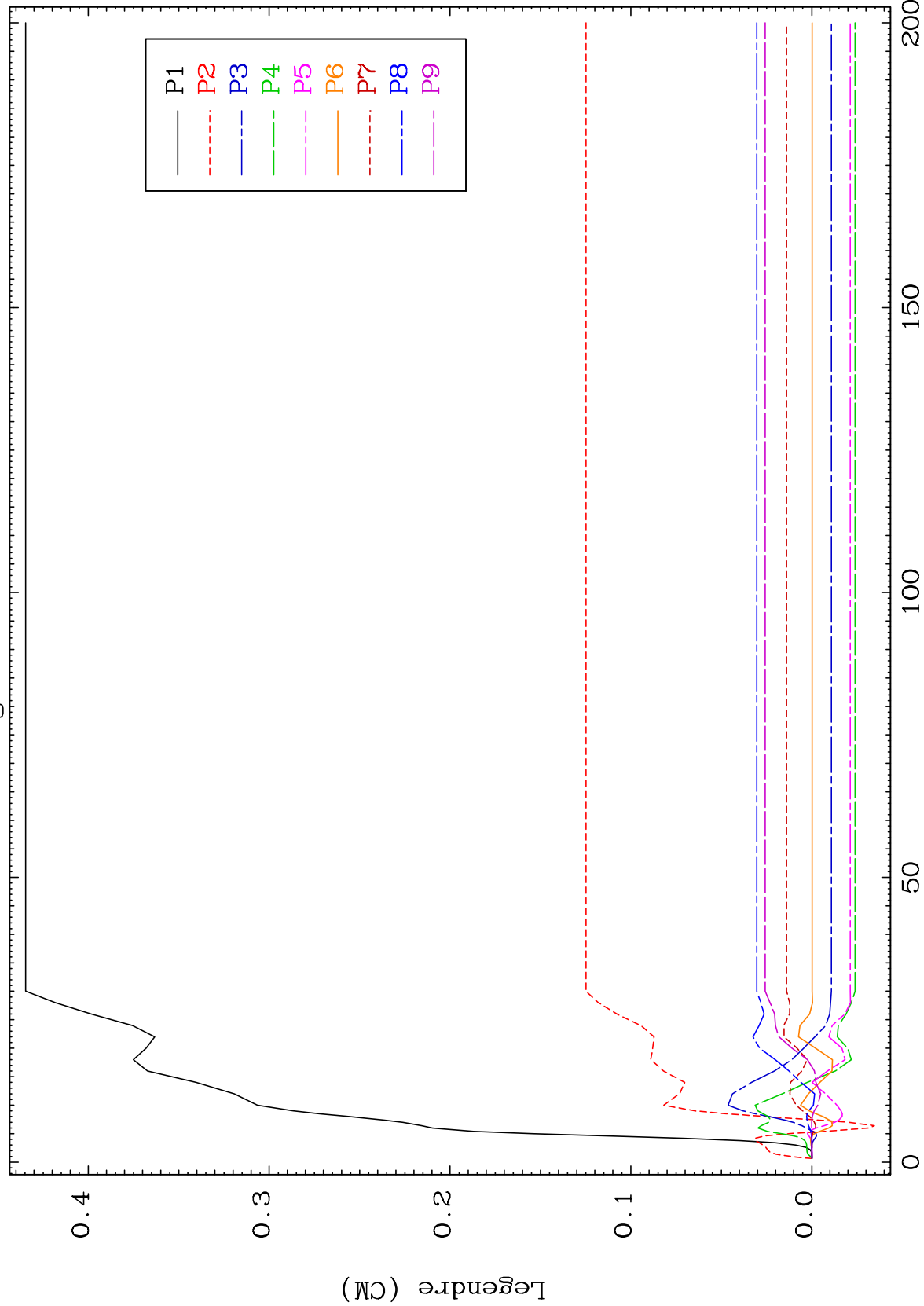
68-Er-167



MAT 6840

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

68-Er-167



78

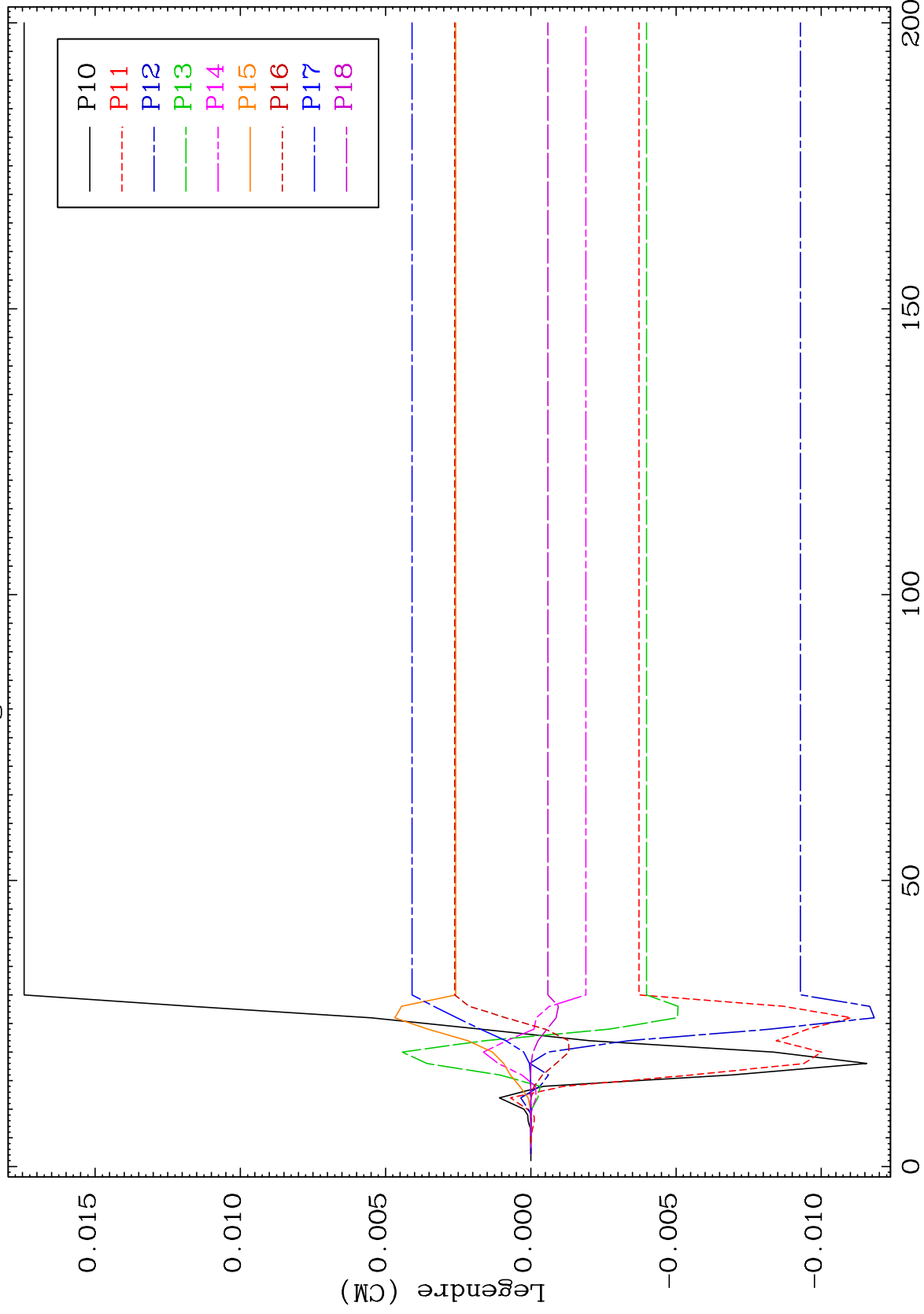
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



79

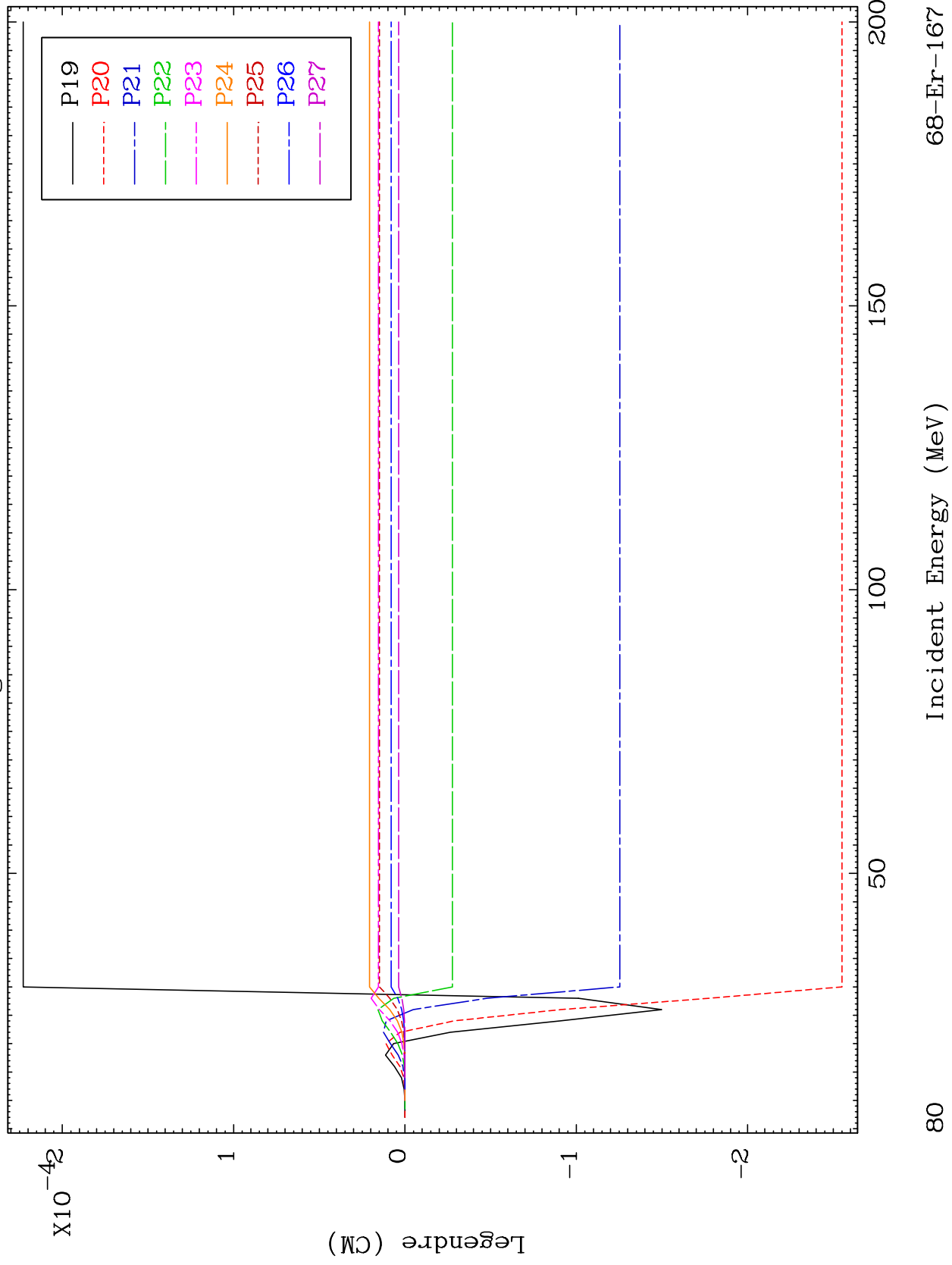
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



68-Er-167

Incident Energy (MeV)

80

MAT 6840

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

68-Er-167

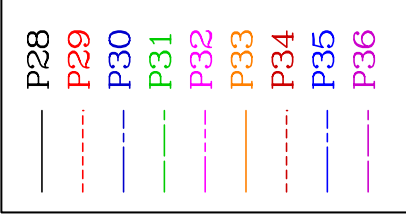
$\times 10^{-6}$
1.5

Legendre (CM)

1.0

0.5

0.0



200

150

100

50

81

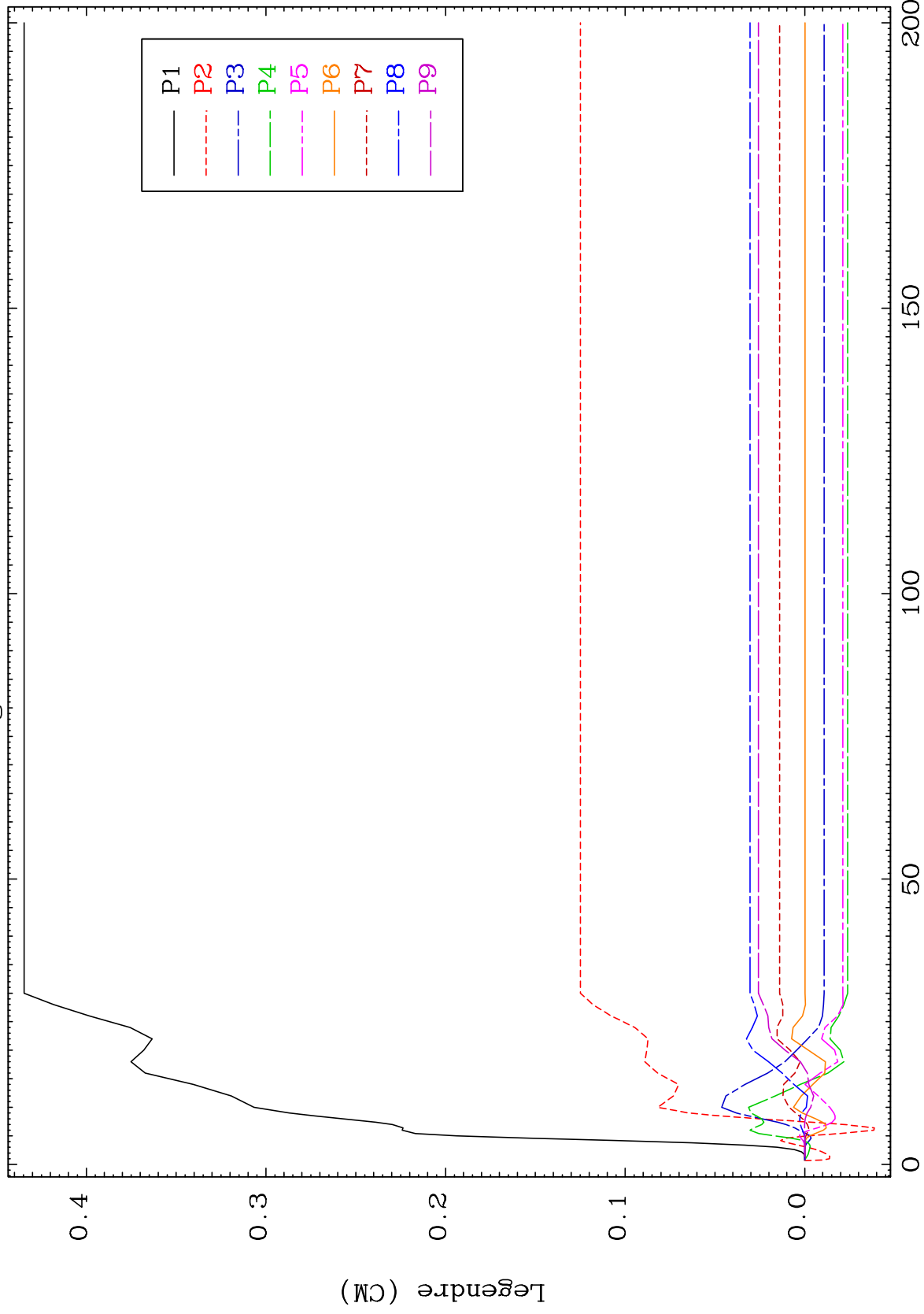
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



82

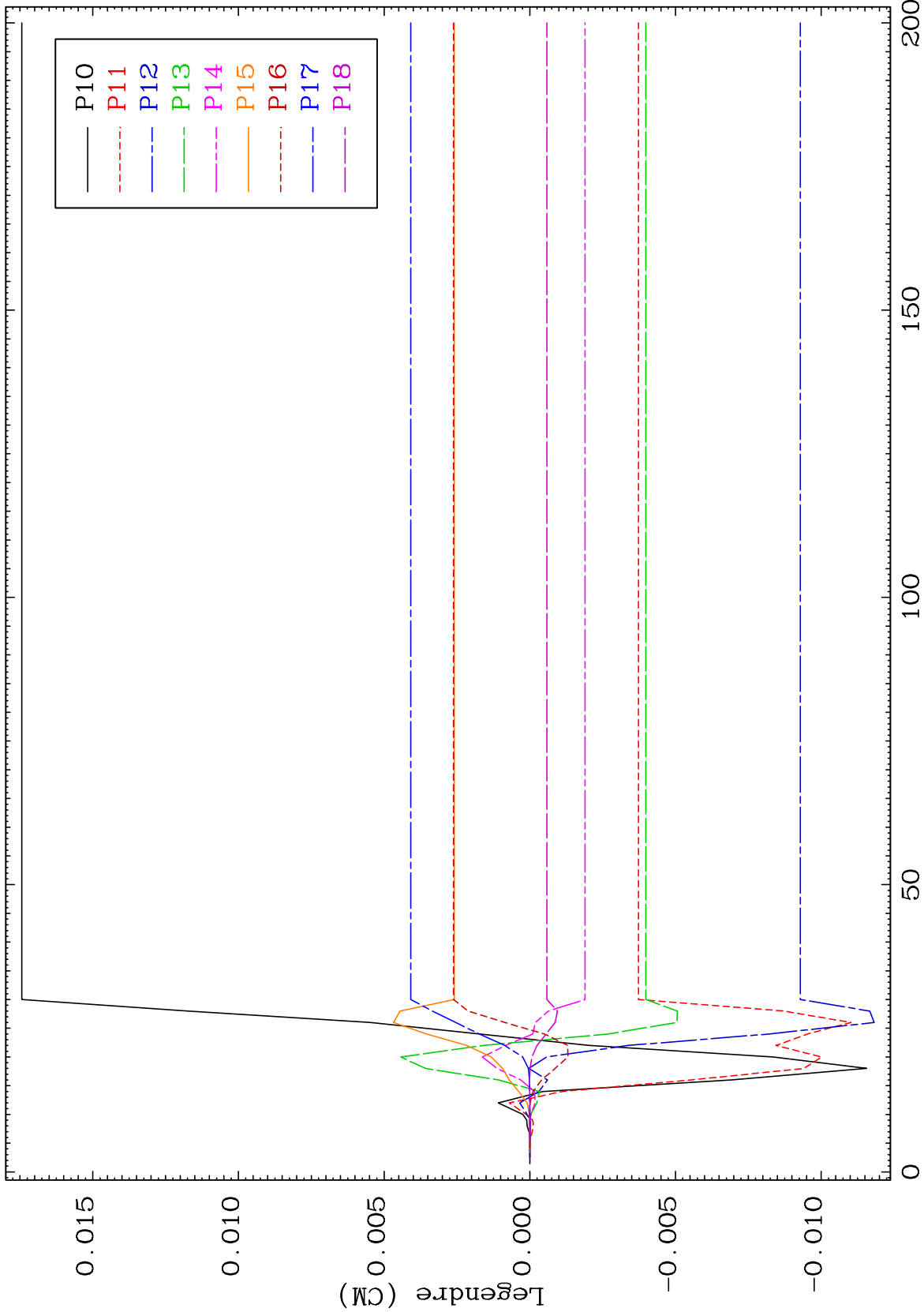
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



83

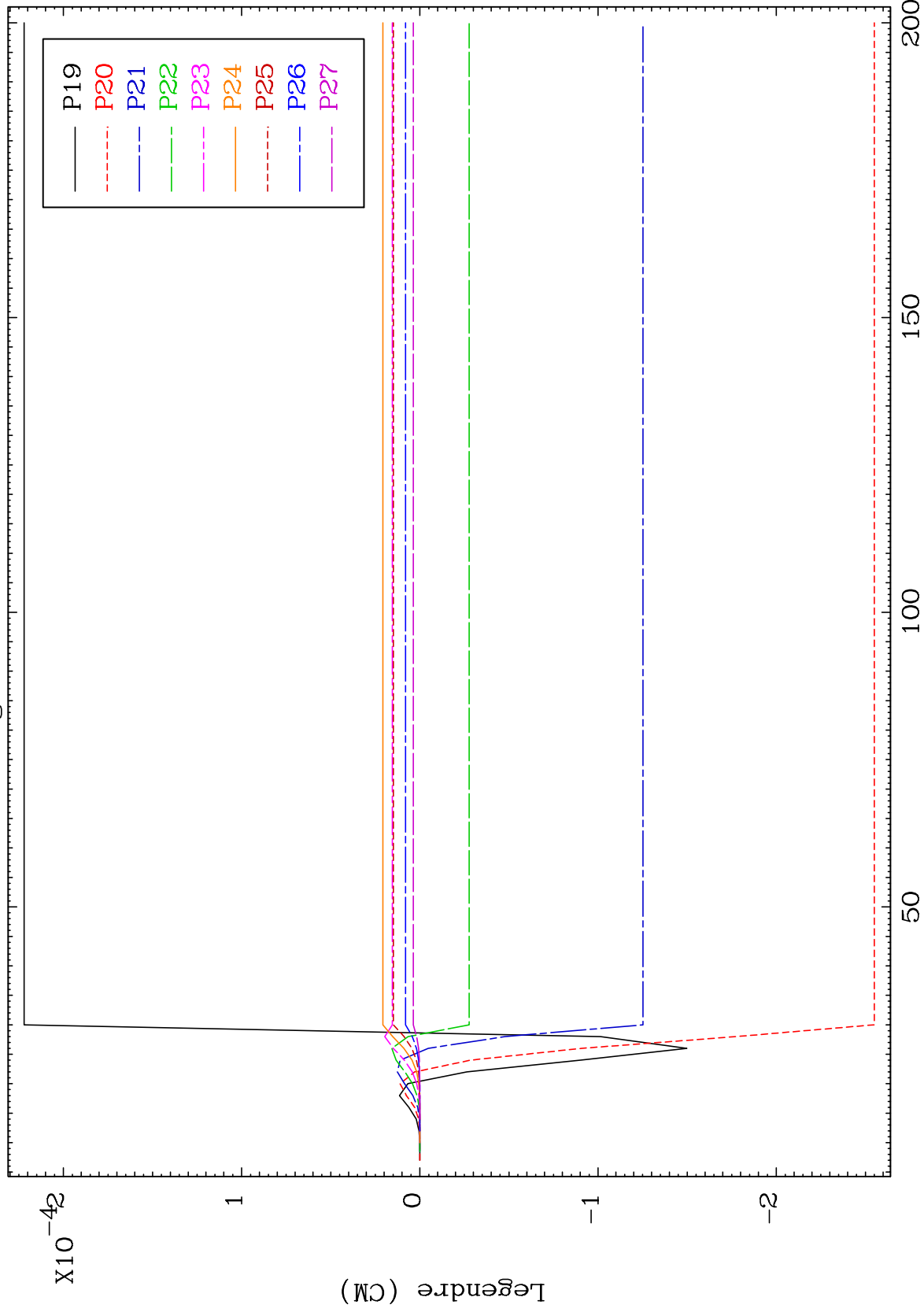
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



84

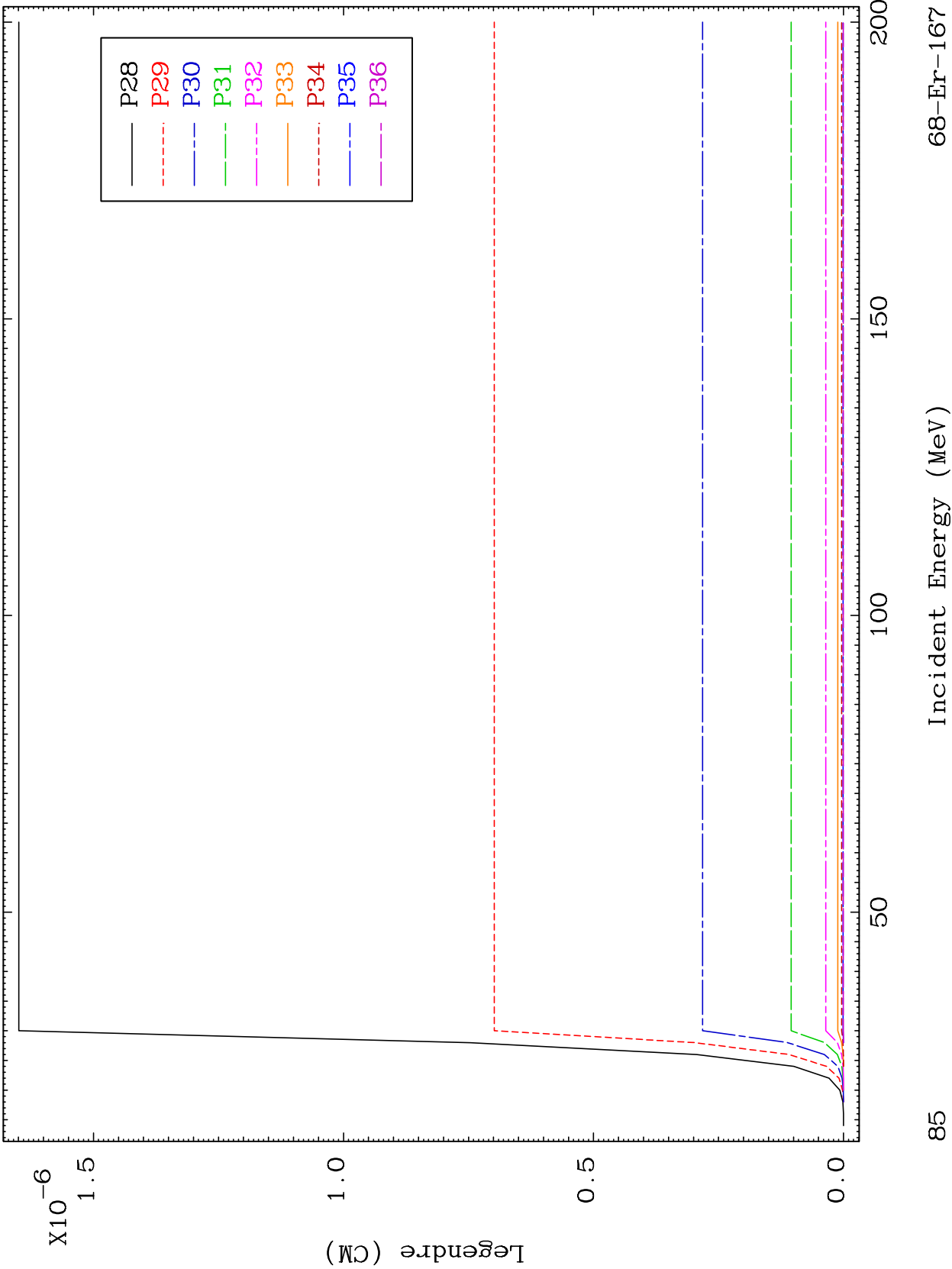
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



85

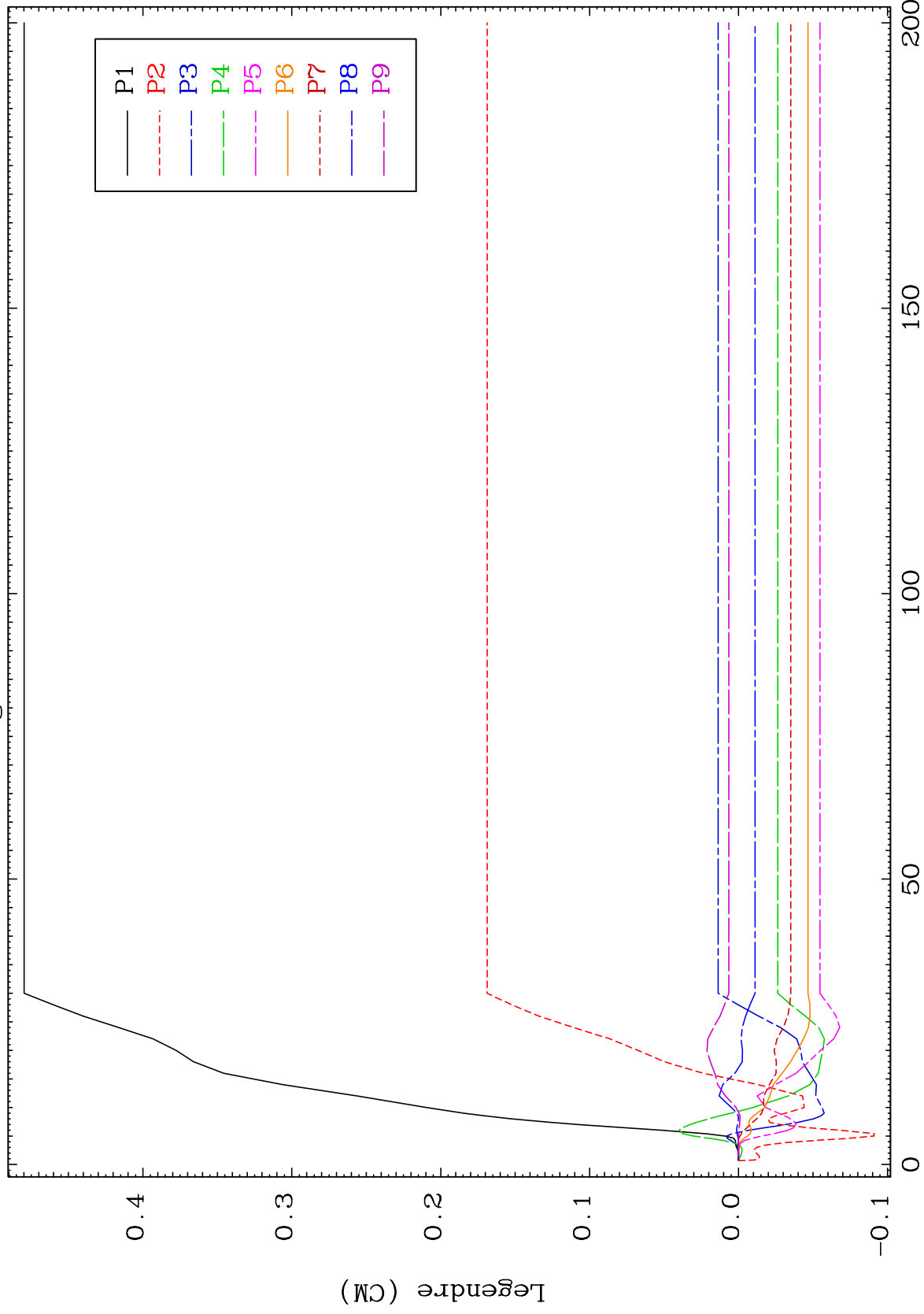
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



68-Er-167

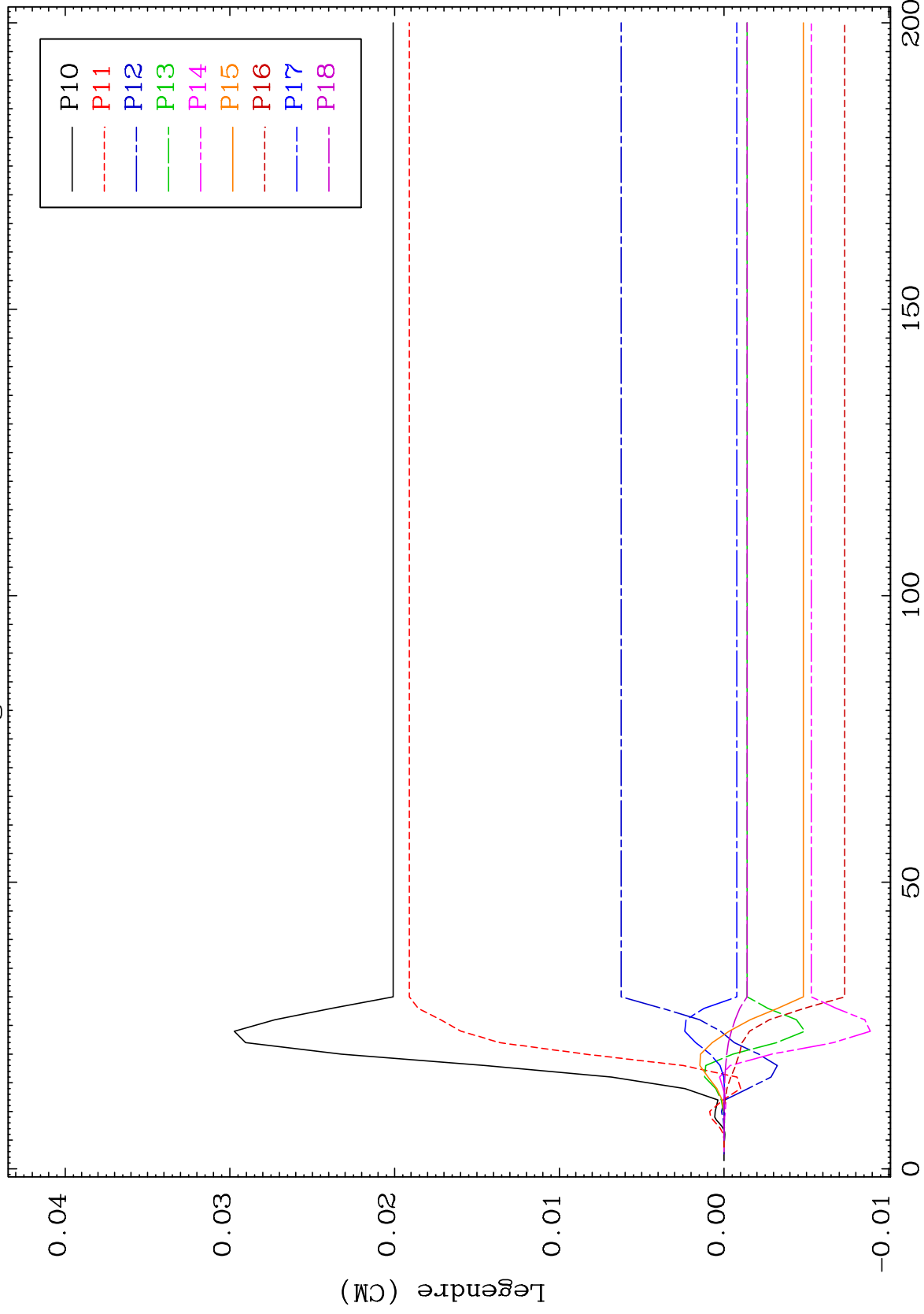
Incident Energy (MeV)

86

MAT 6840

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

68-Er-167



87

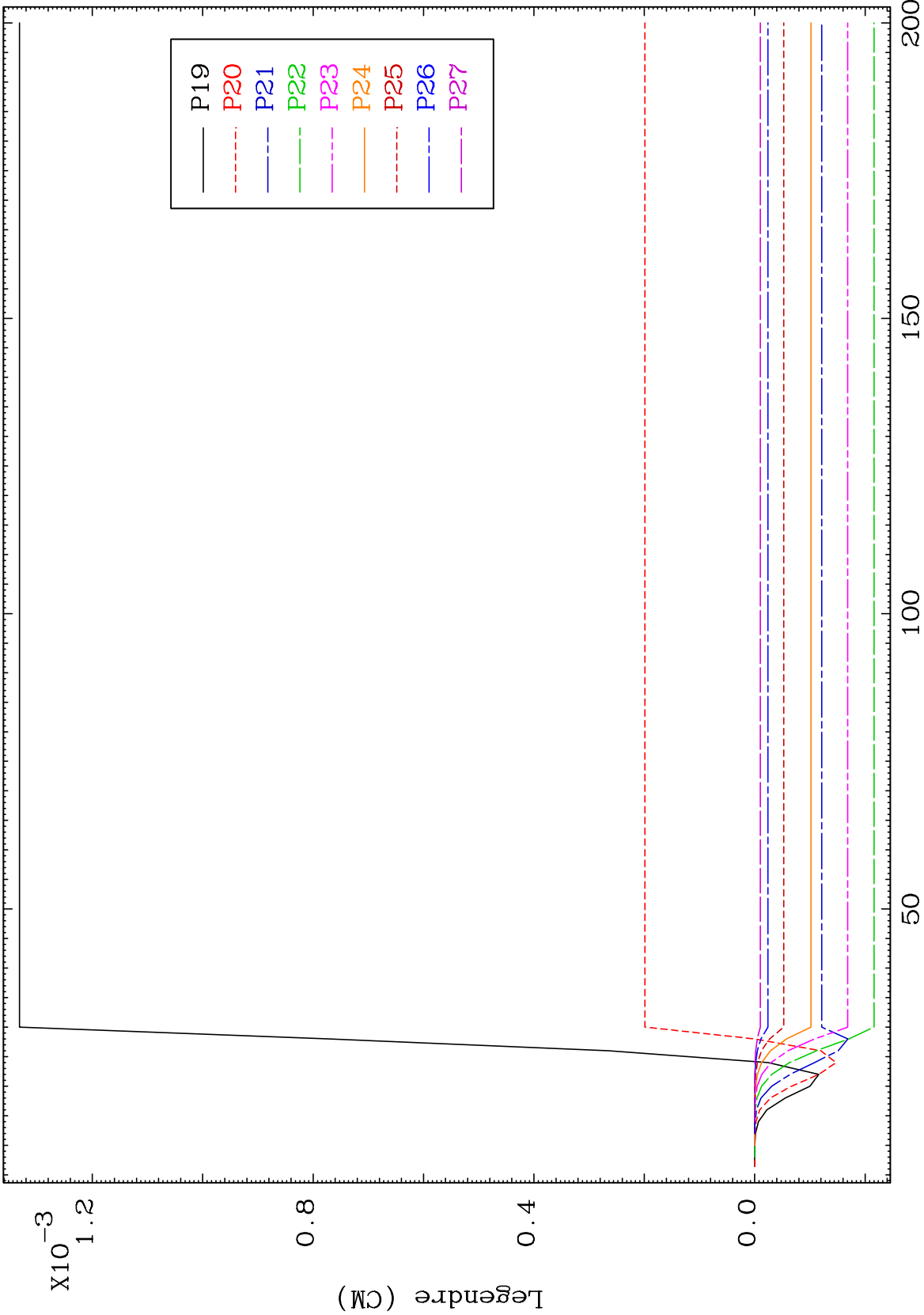
Incident Energy (MeV)

68-Er-167

MAT 6840

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

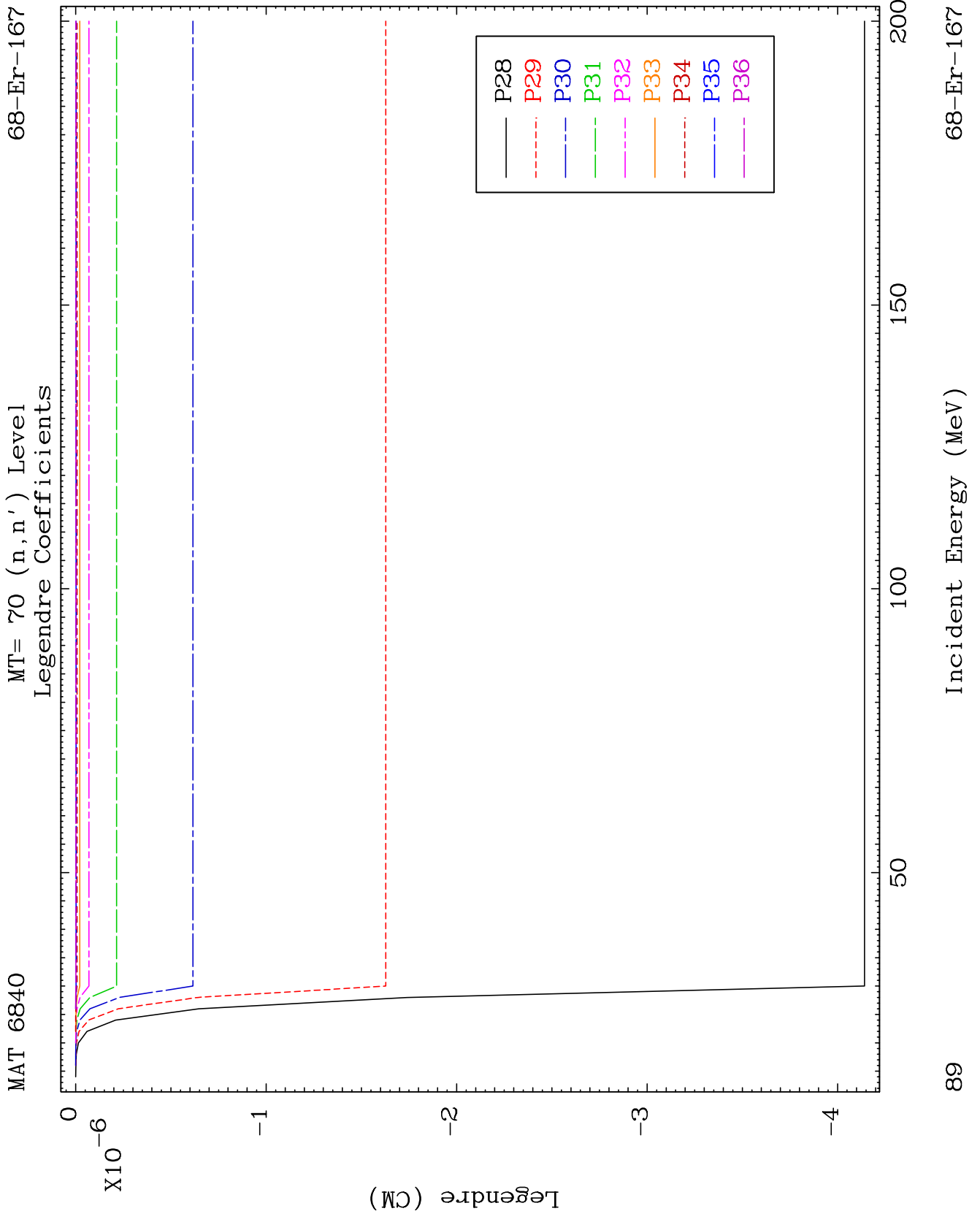
68-Er-167



88

Incident Energy (MeV)

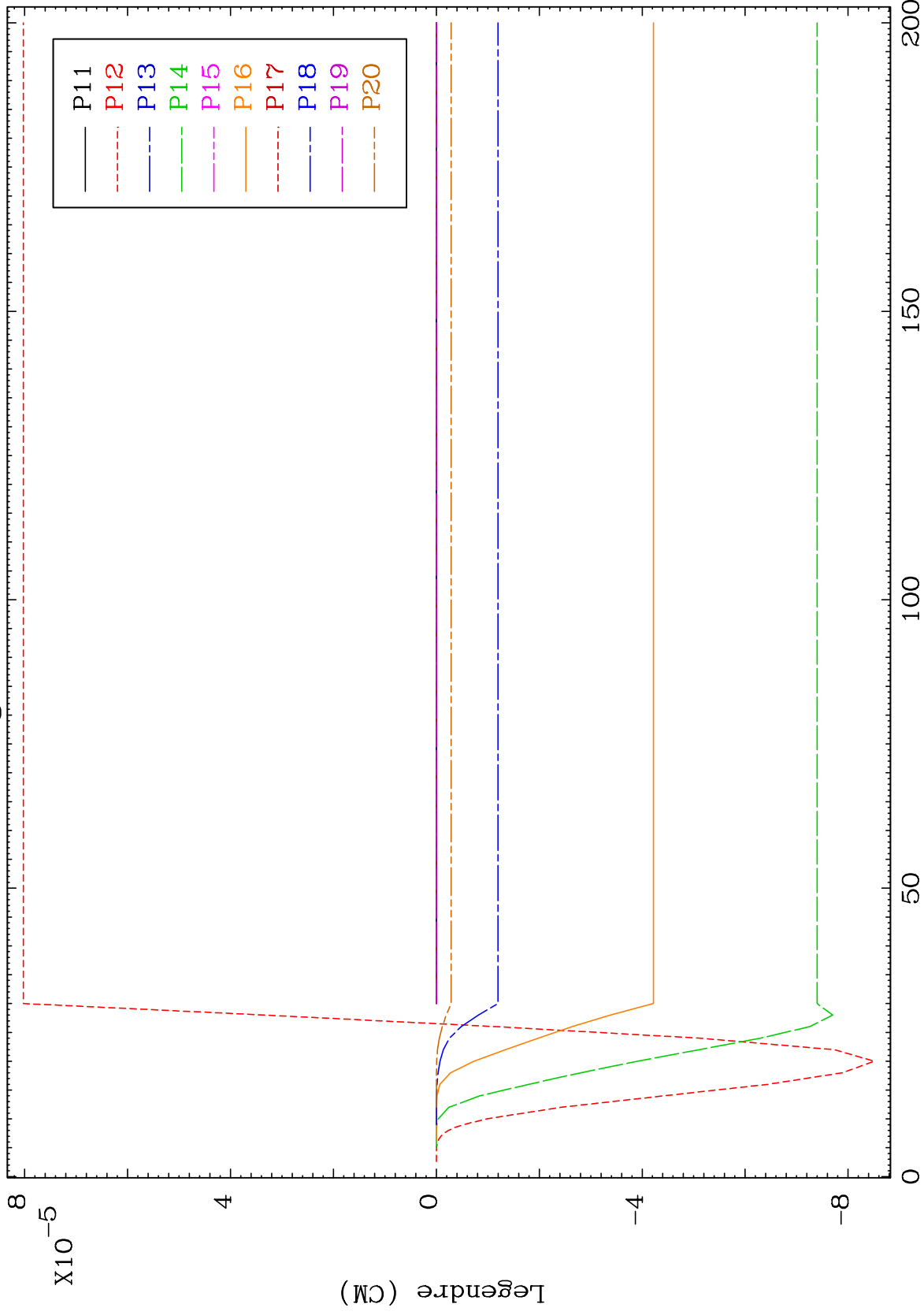
68-Er-167



MAT 6840

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

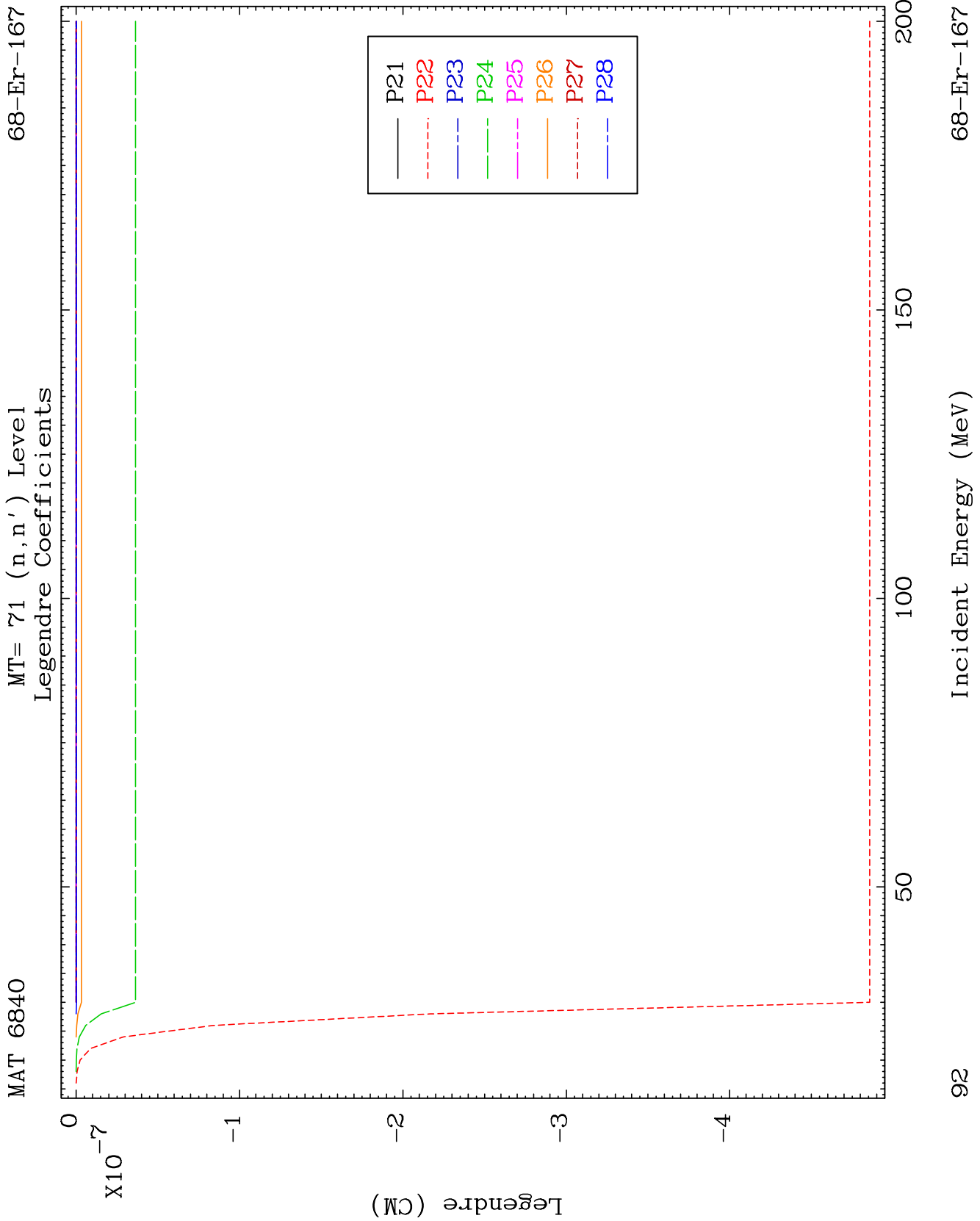
68-Er-167



91

Incident Energy (MeV)

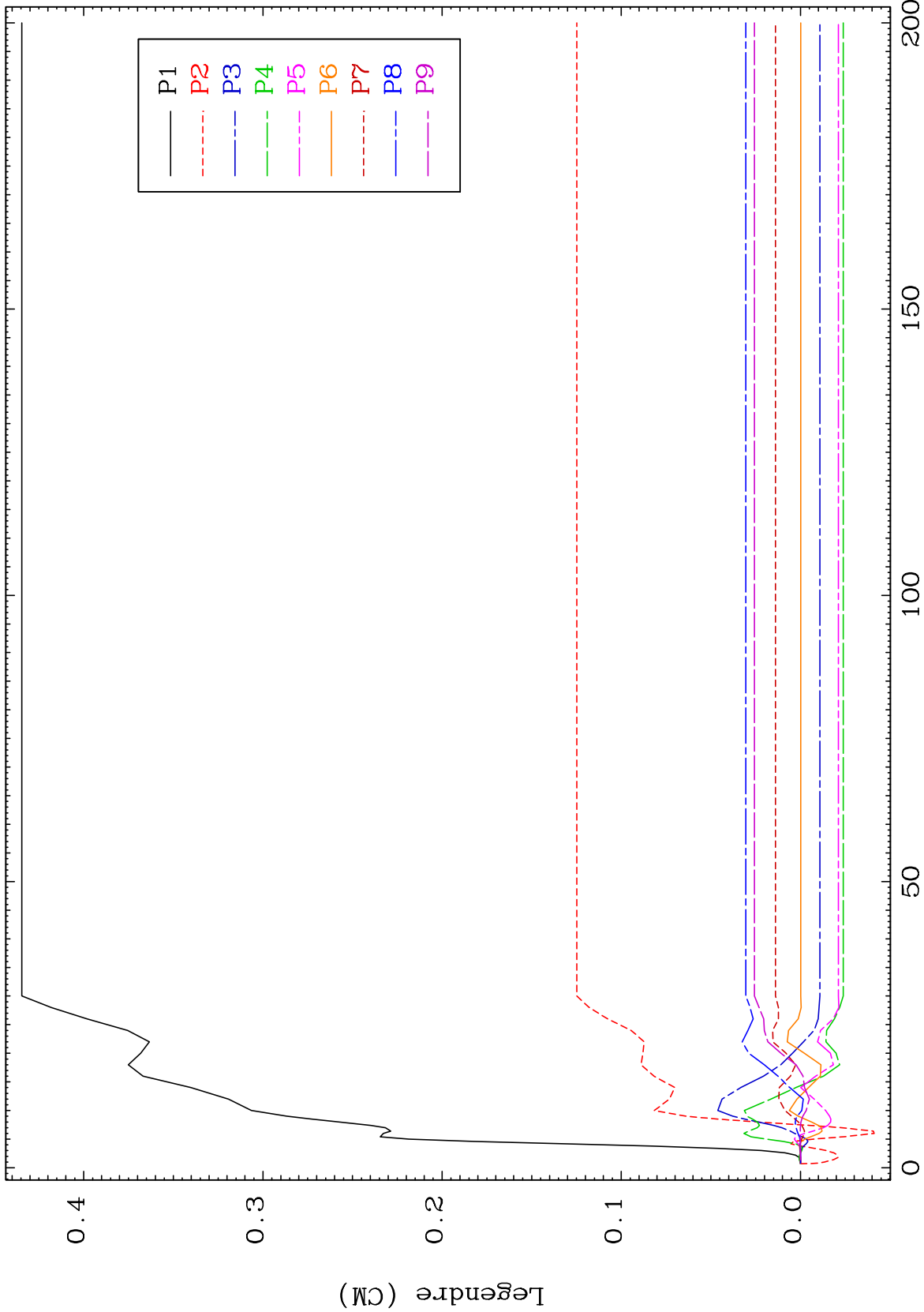
68-Er-167



MAT 6840

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

68-Er-167



93

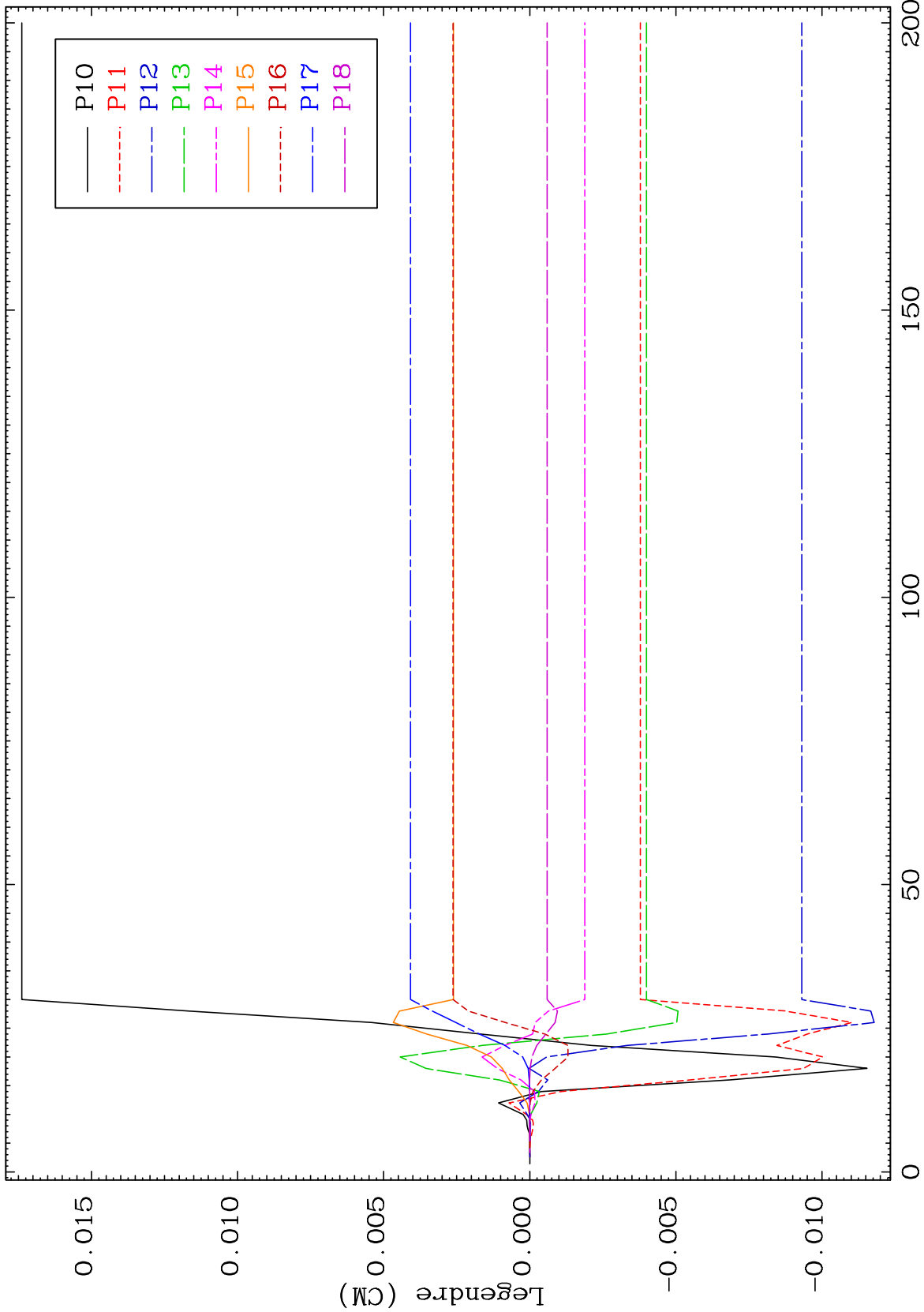
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



94

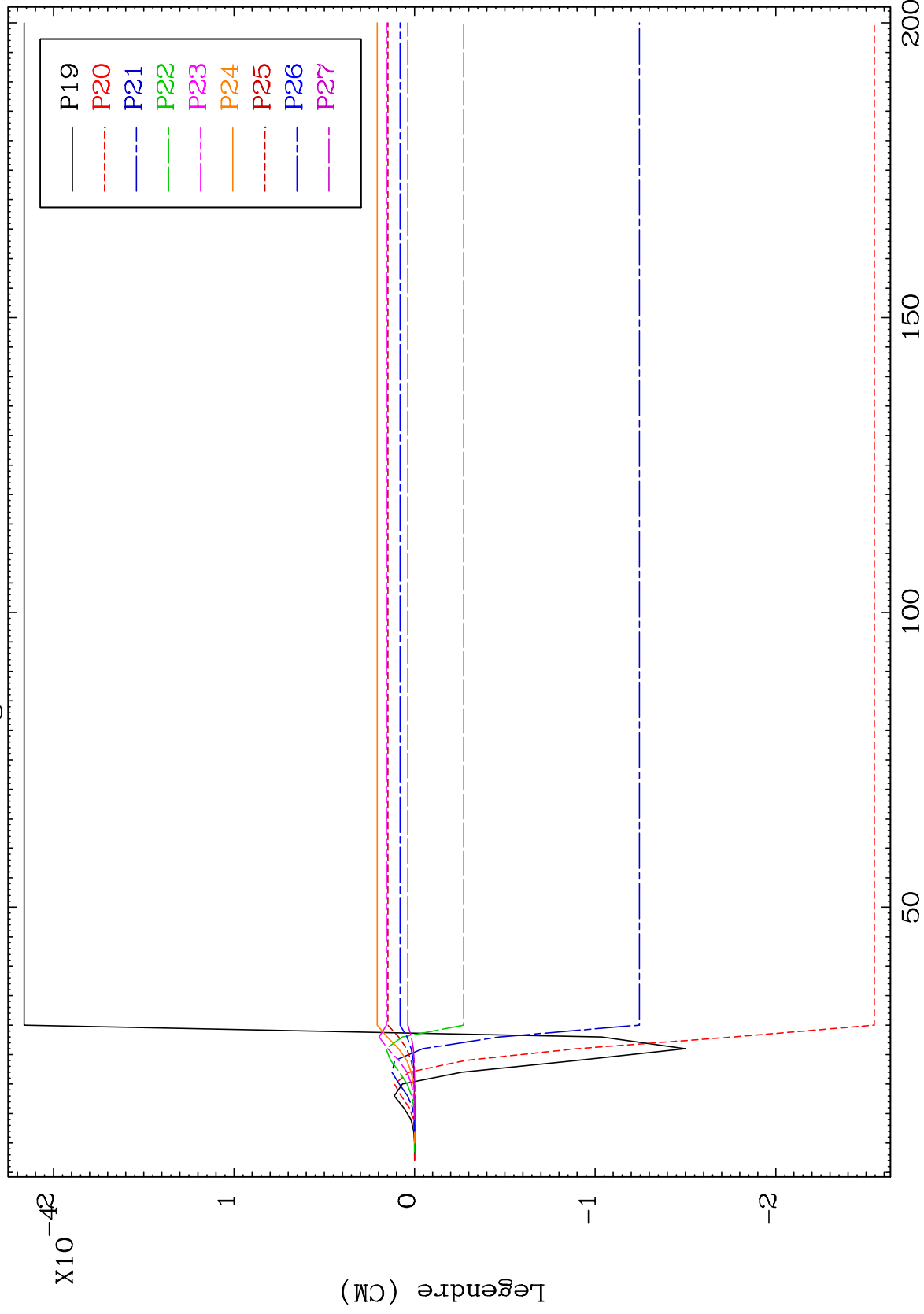
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



95

Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167

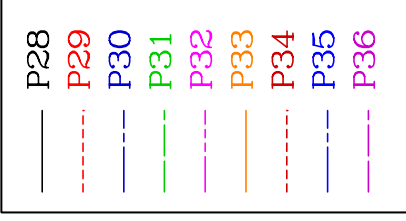
$\times 10^{-6}$
1.5

Legendre (CM)

1.0

0.5

0.0



50 100 150 200

96

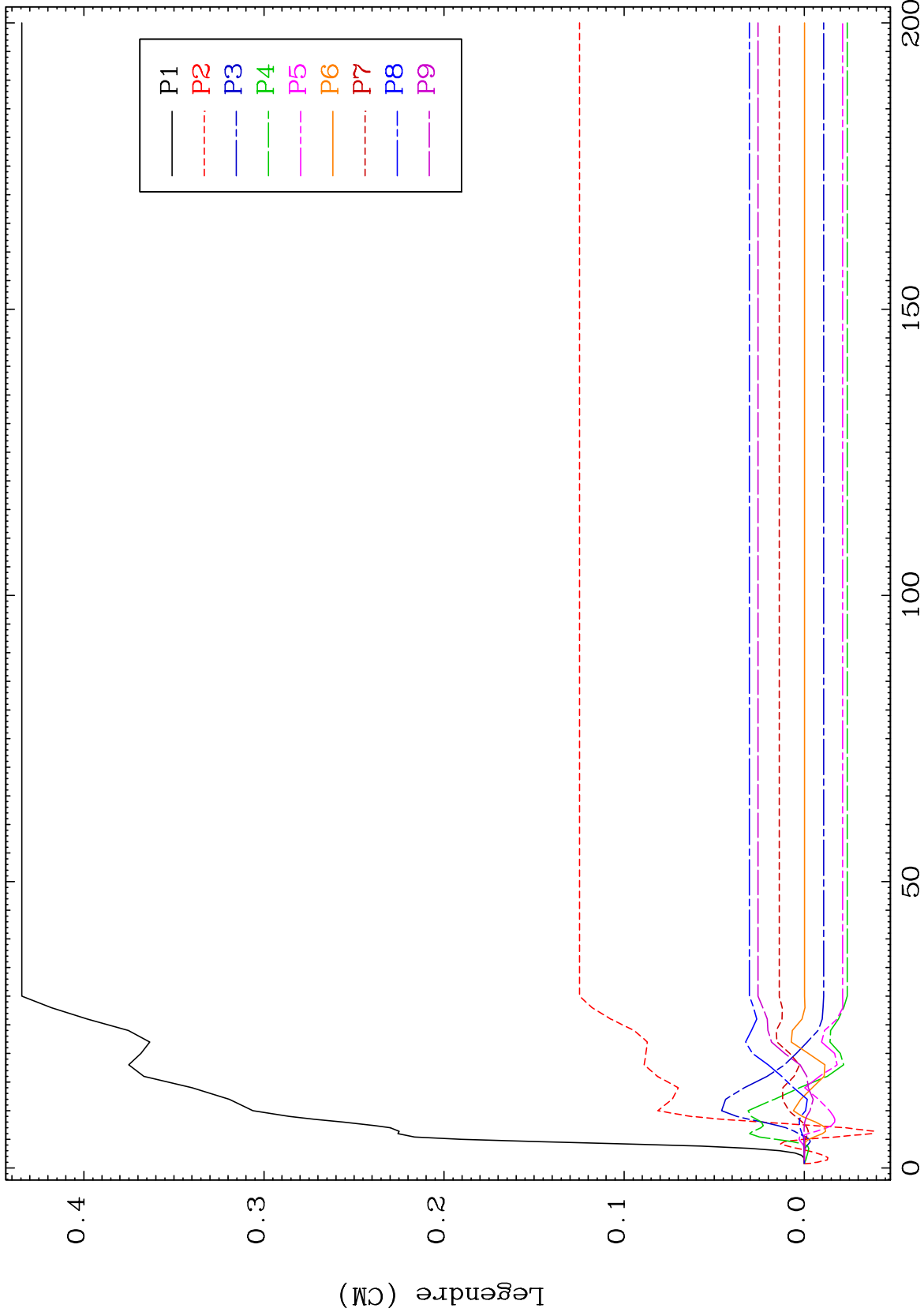
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



97

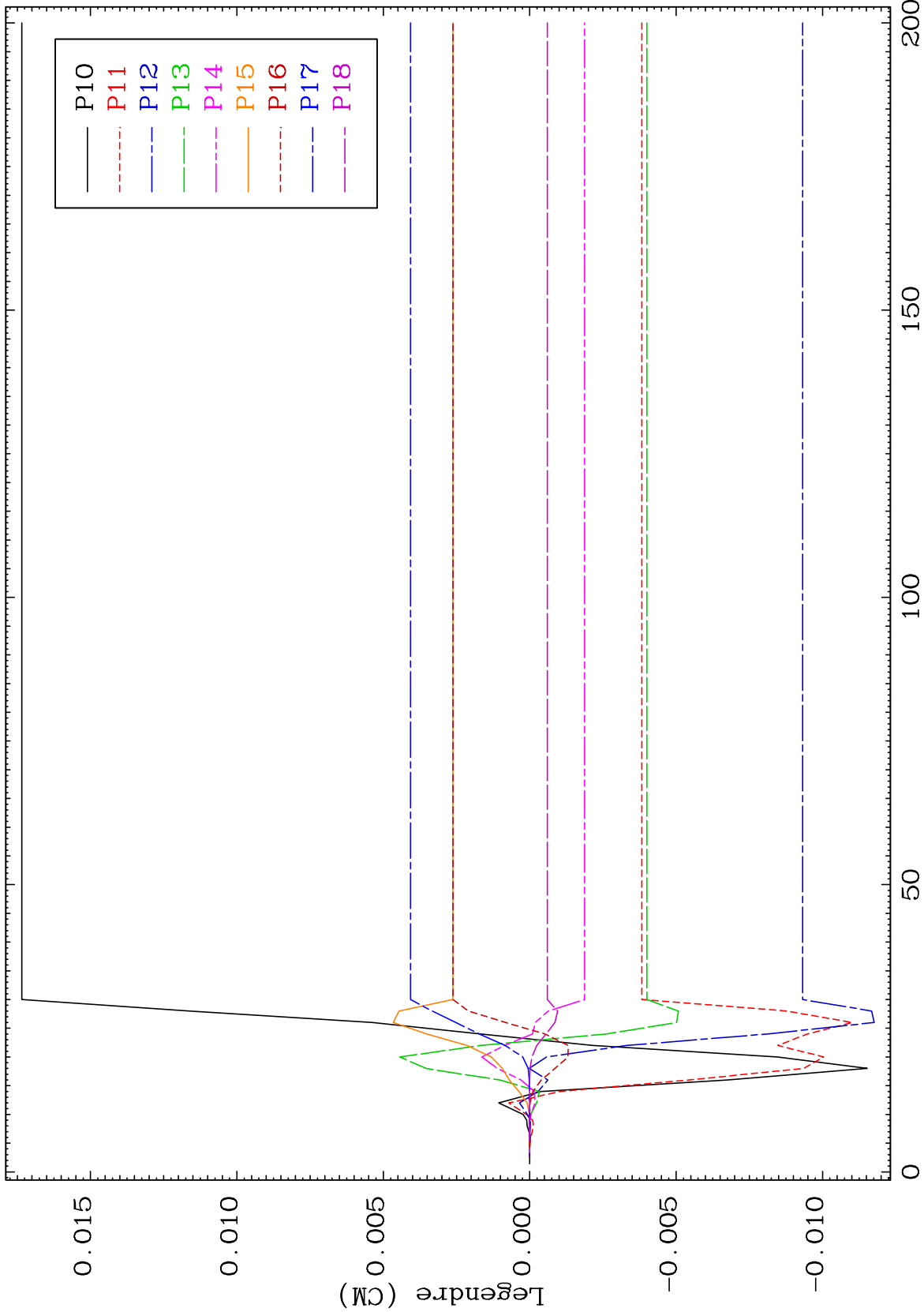
Incident Energy (MeV)

68-Er-167

MAT 6840

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

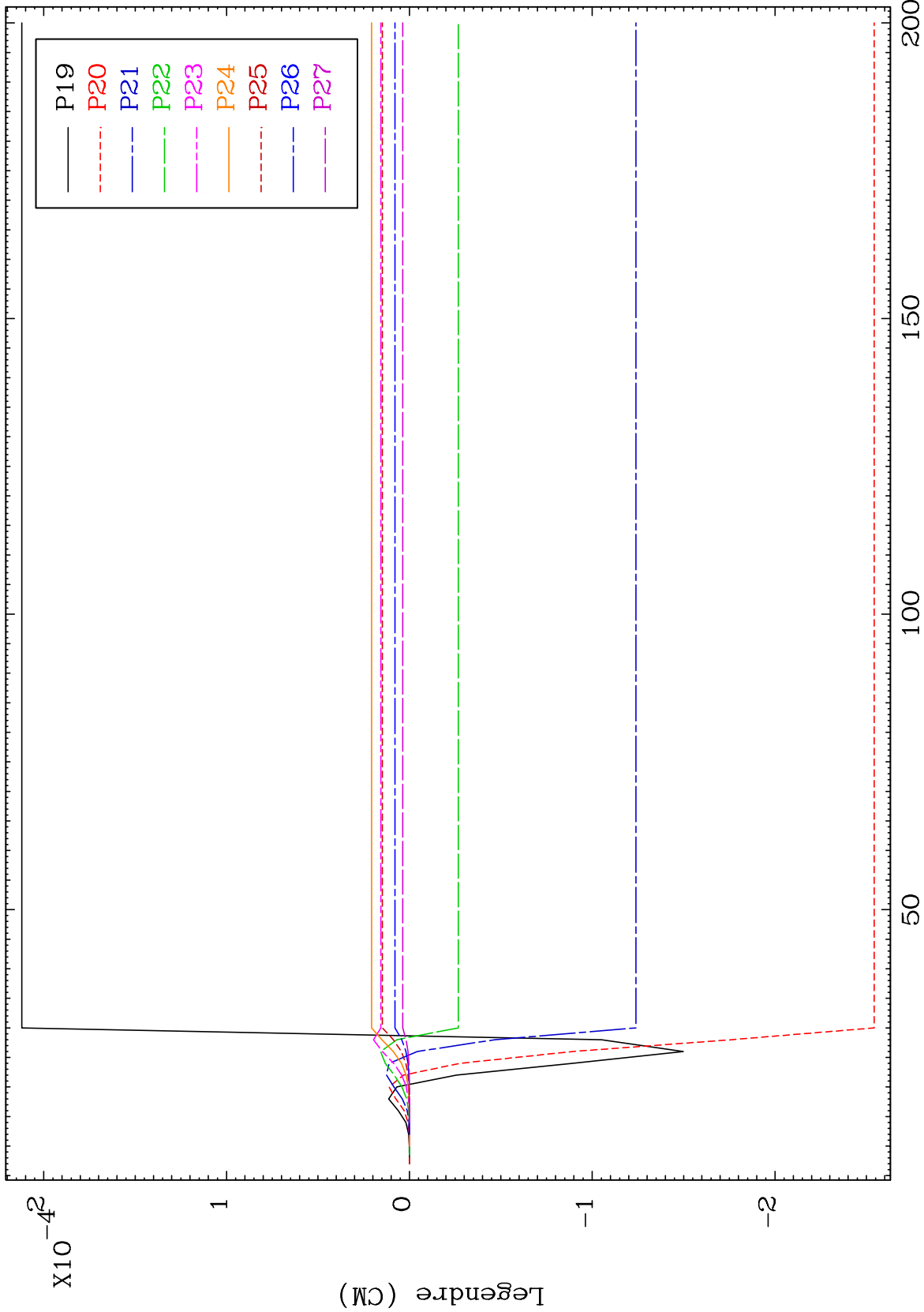
68-Er-167



98

Incident Energy (MeV)

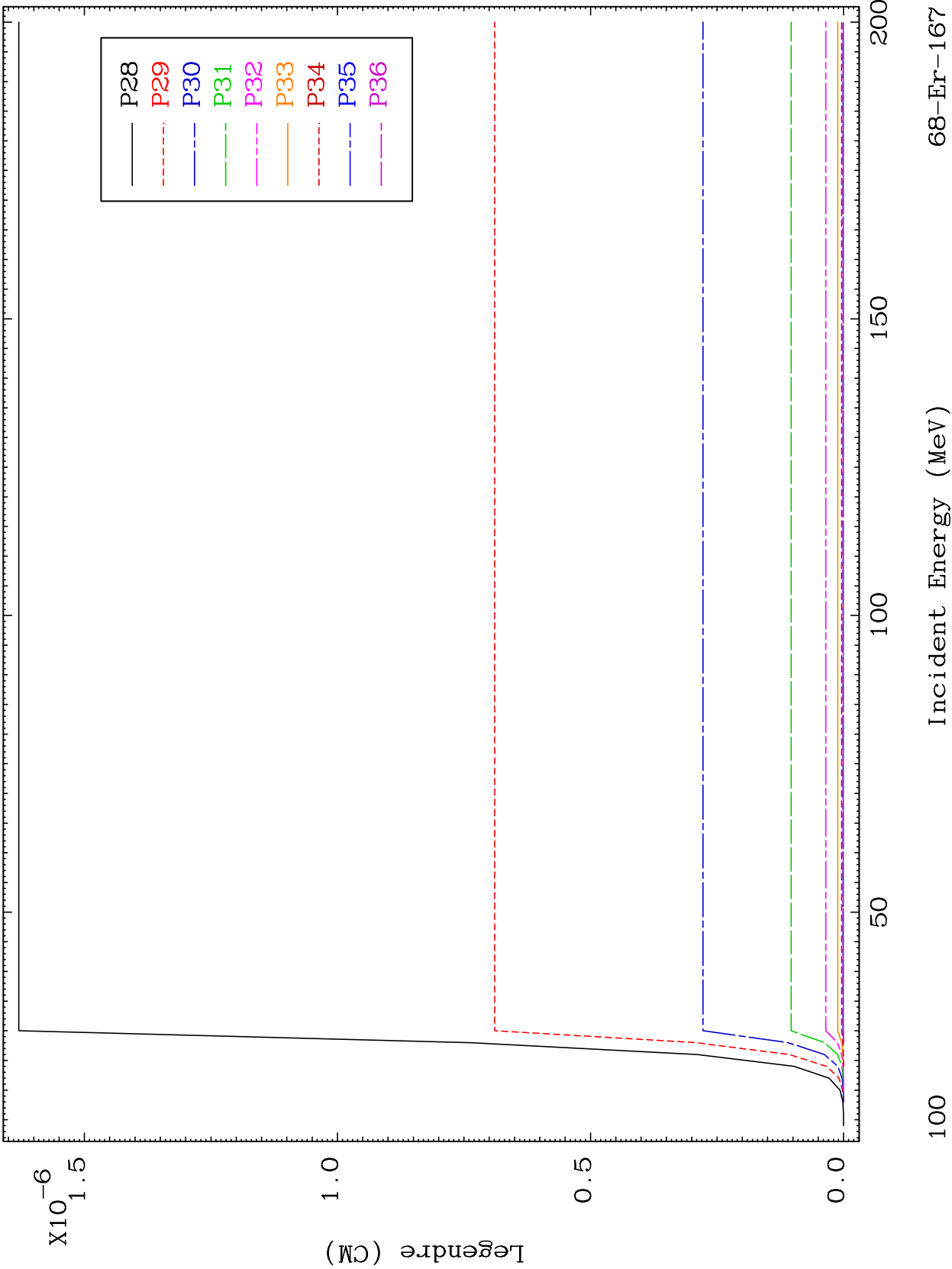
68-Er-167



MAT 6840

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

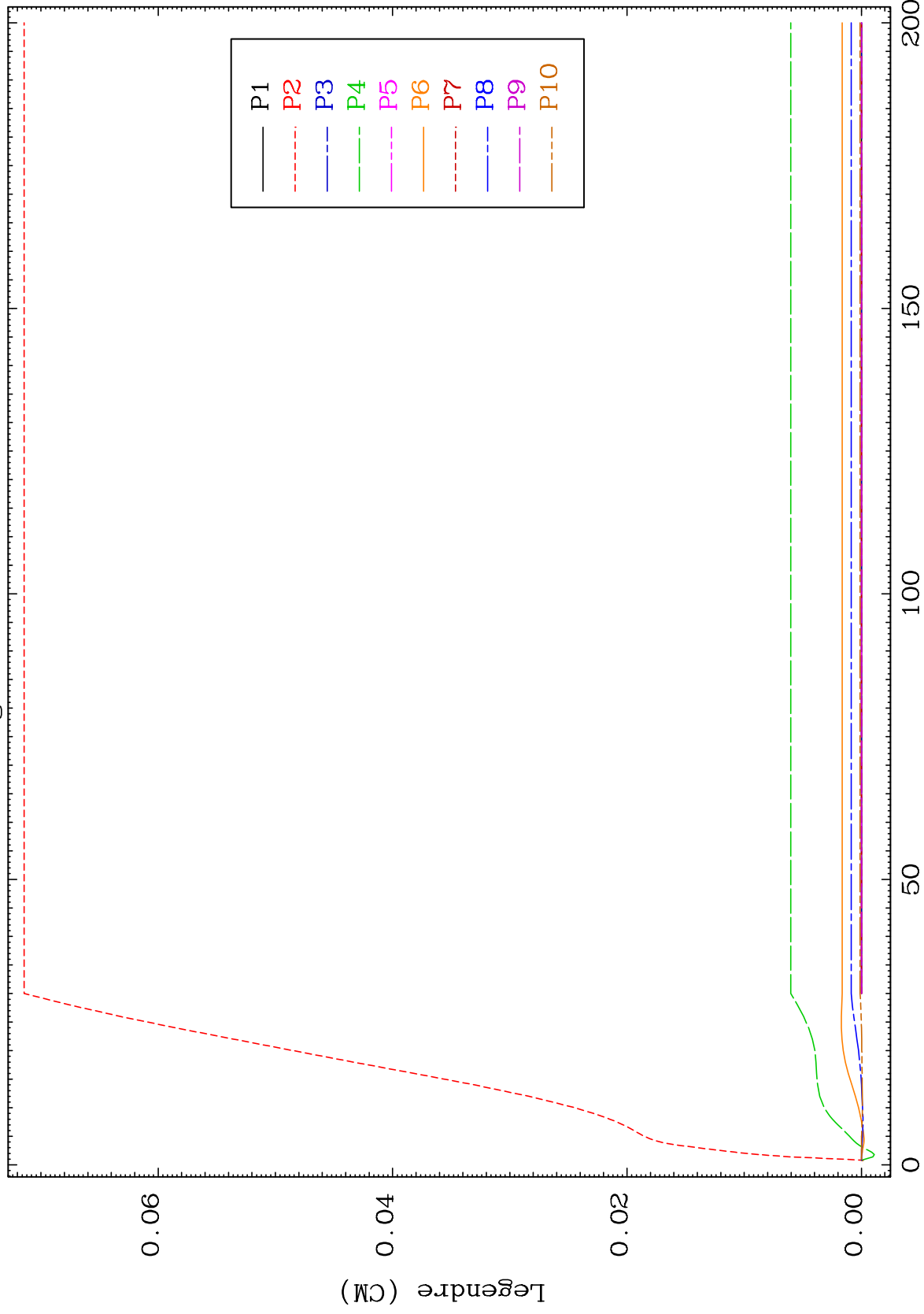
68-Er-167



MAT 6840

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

68-Er-167



101

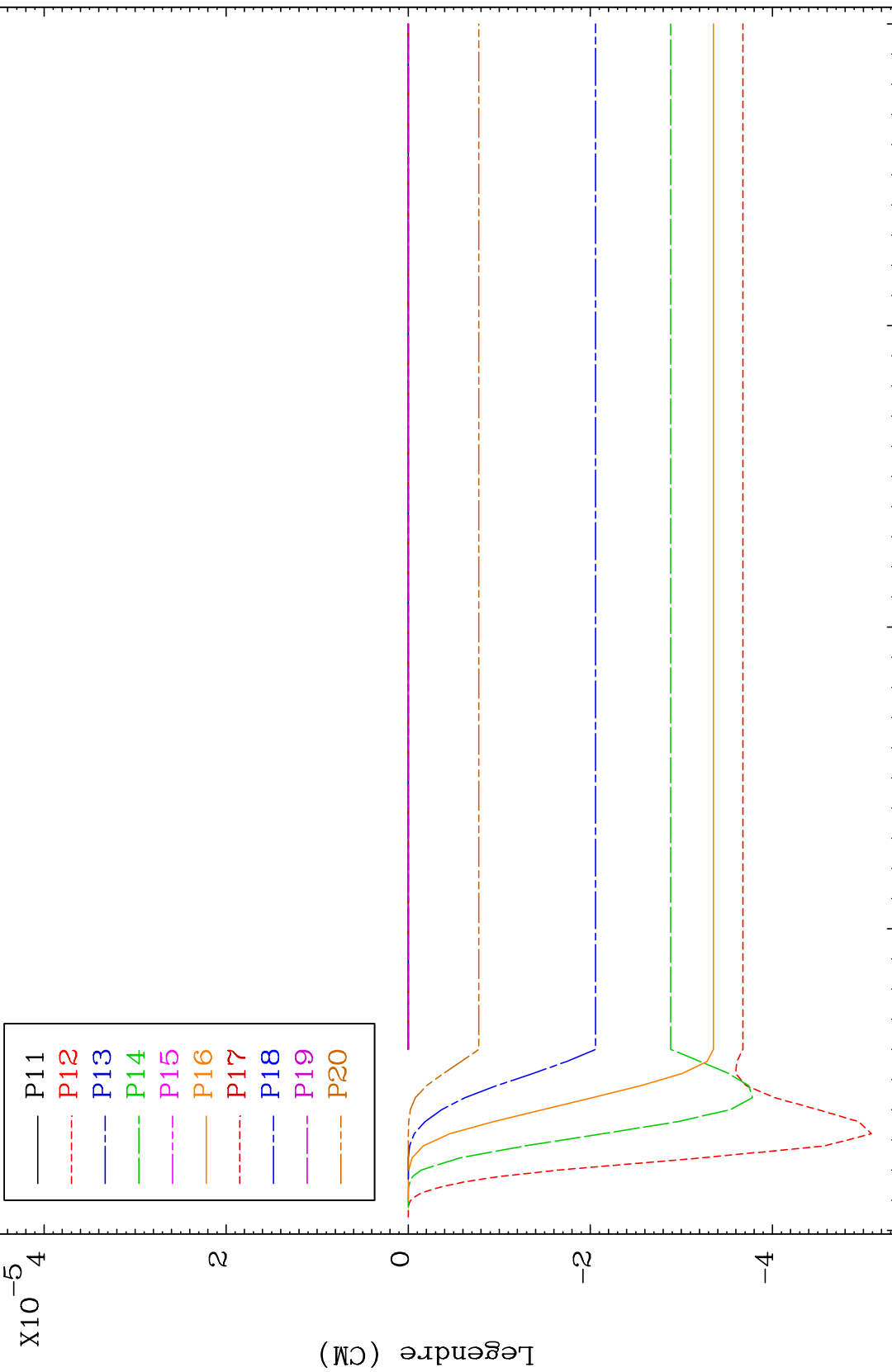
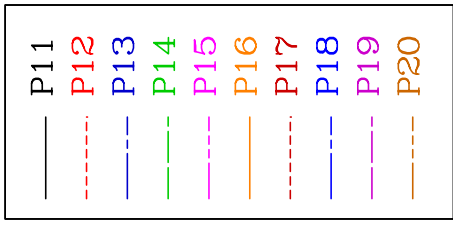
Incident Energy (MeV)

68-Er-167

MAT 6840

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

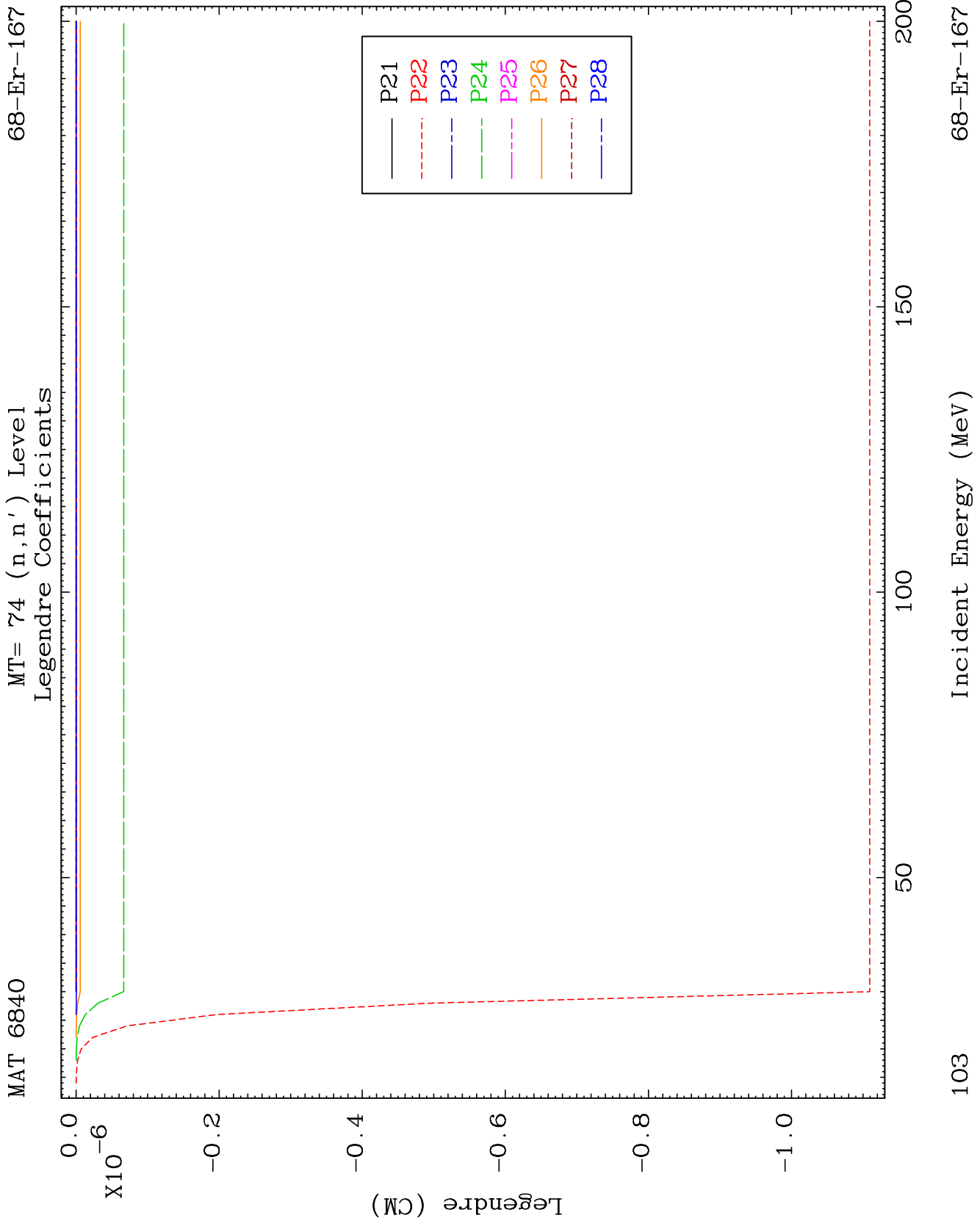
68-Er-167

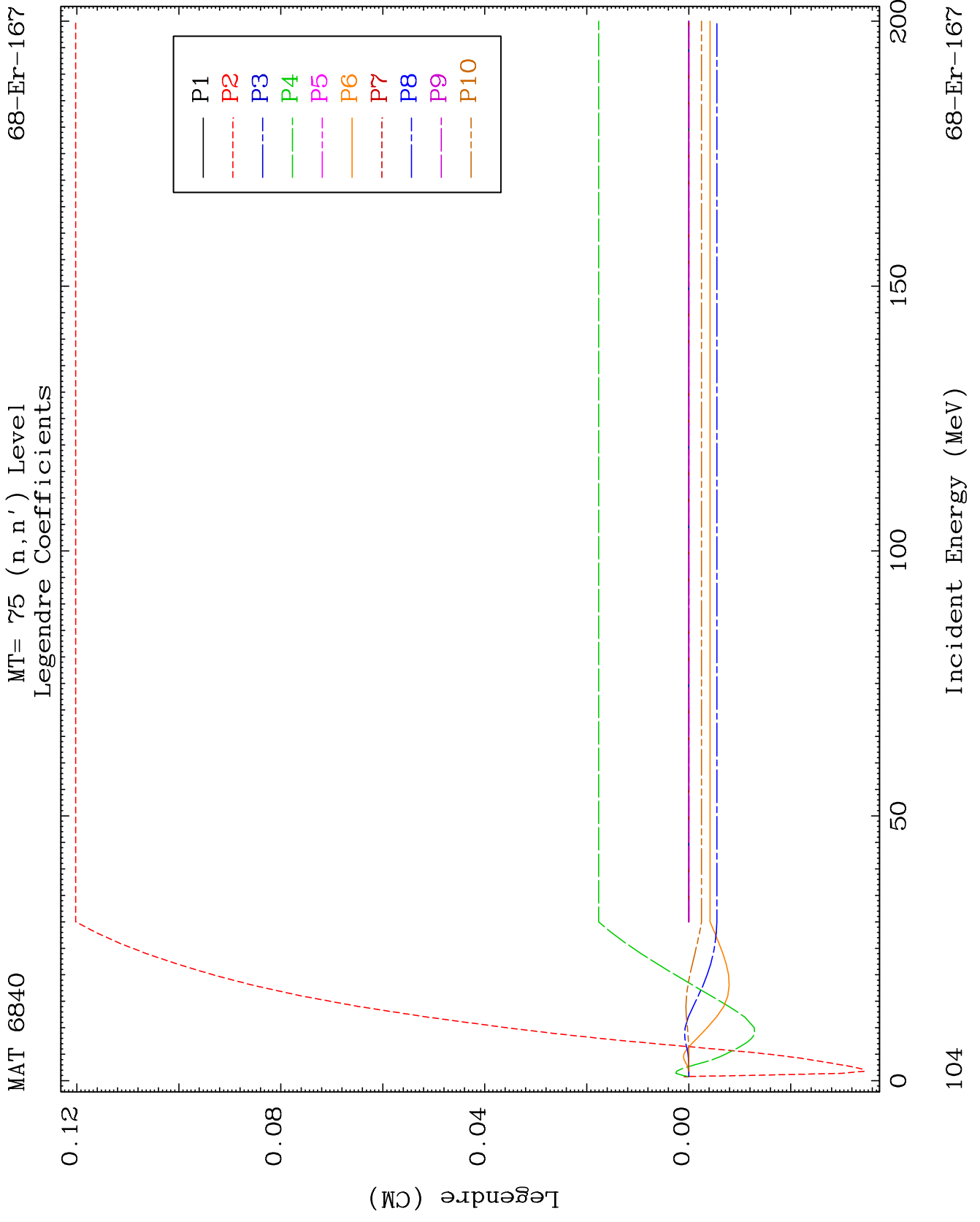


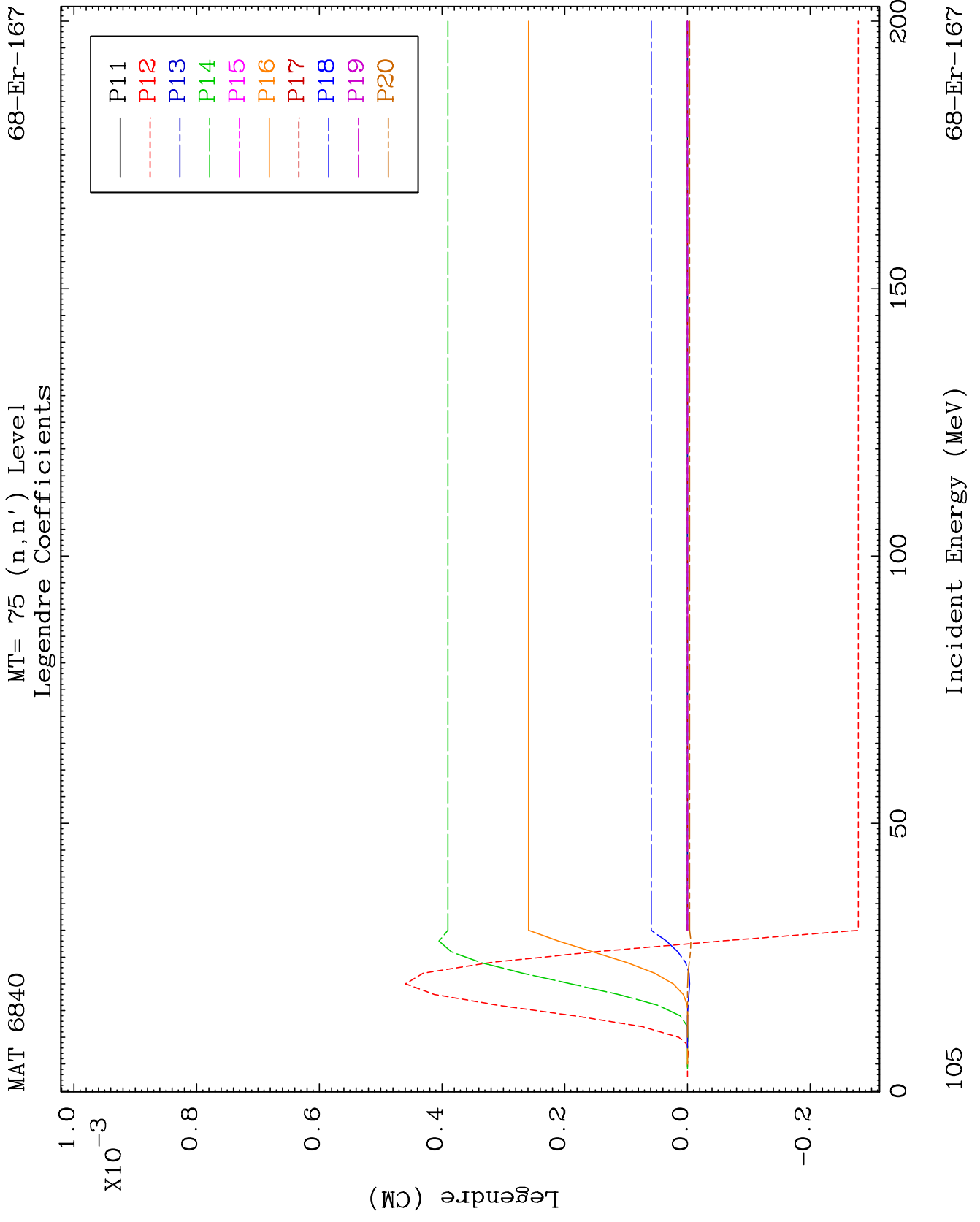
102

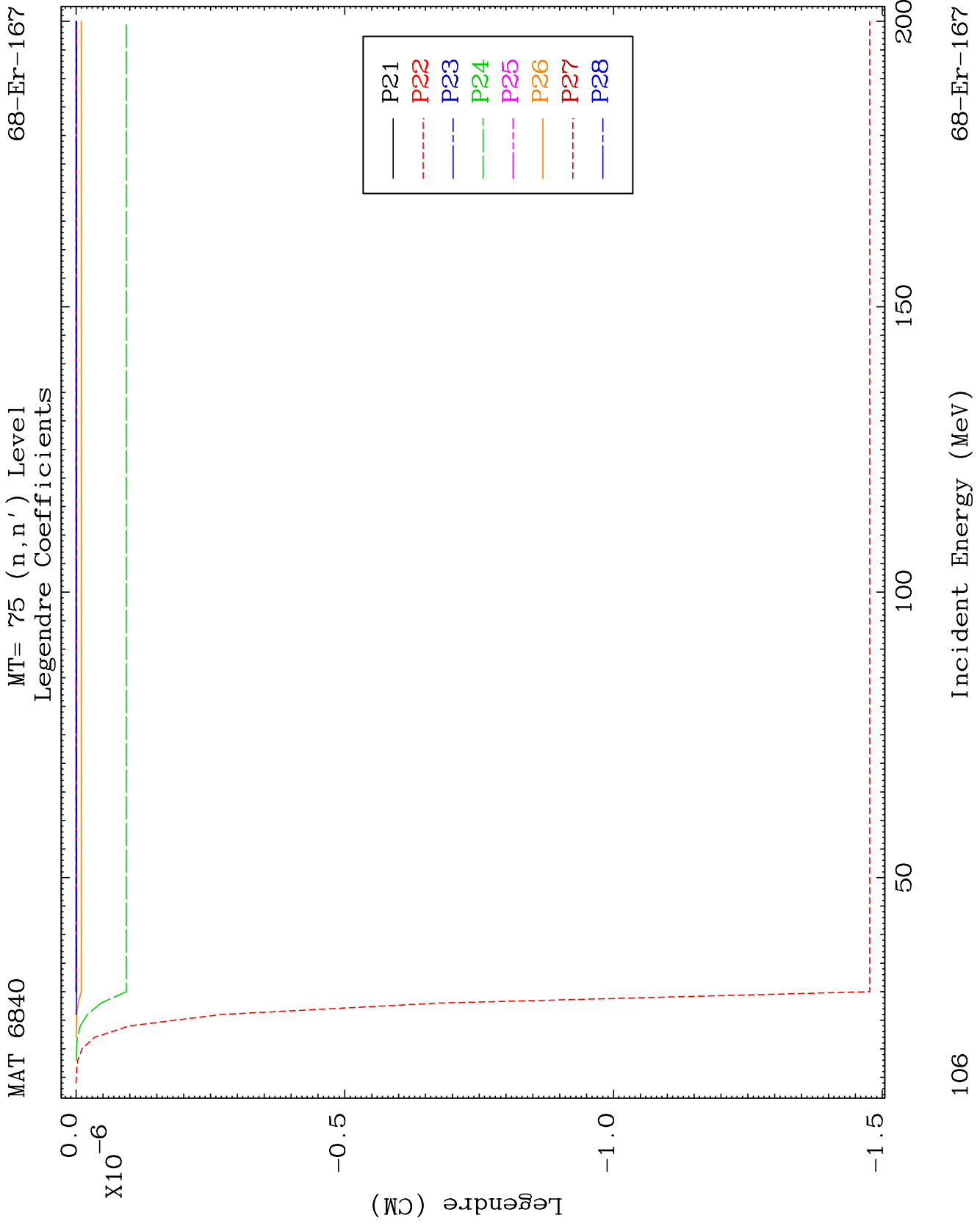
Incident Energy (MeV)

68-Er-167





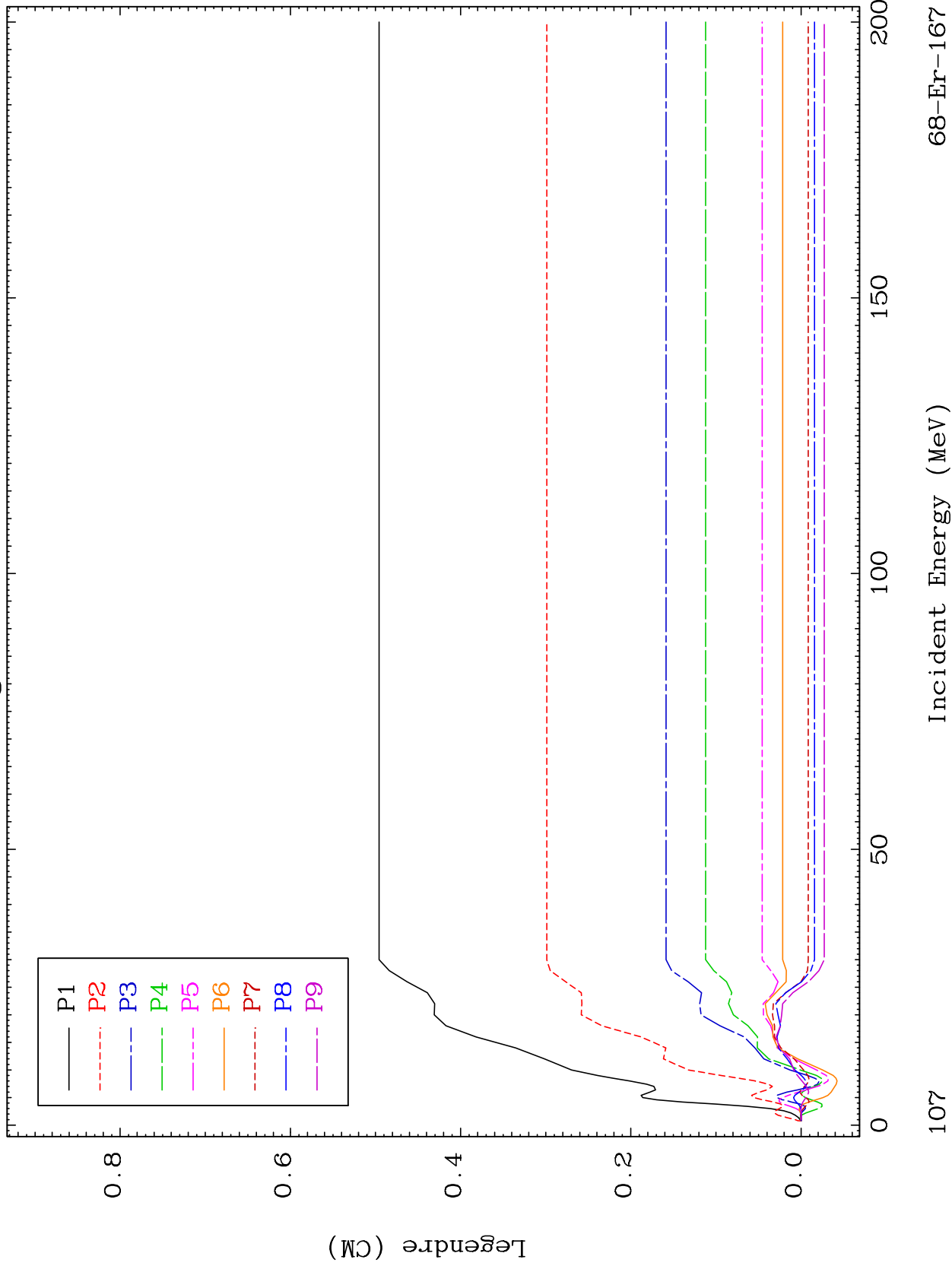




MAT 6840

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

68-Er-167



68-Er-167

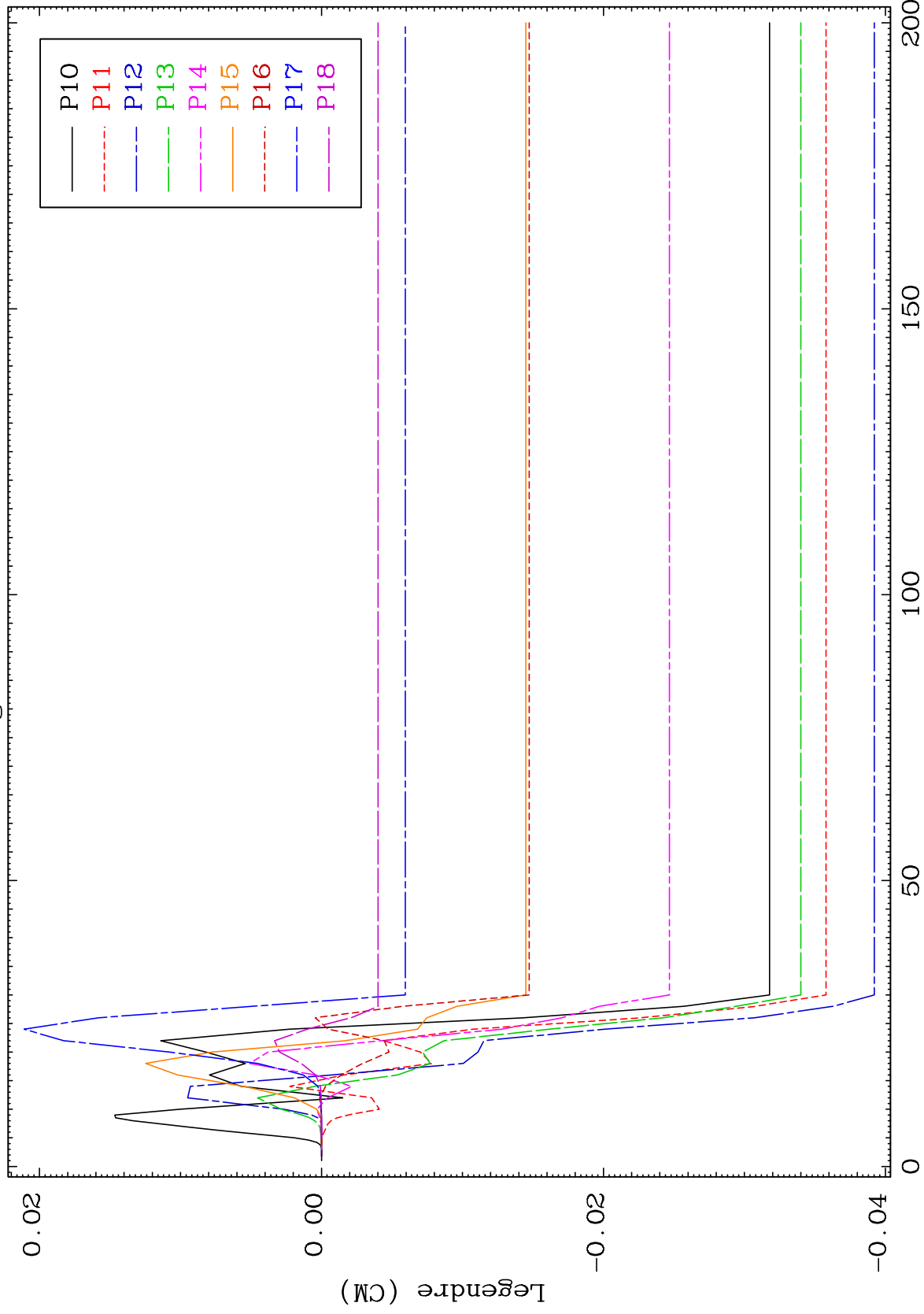
Incident Energy (MeV)

107

MAT 6840

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

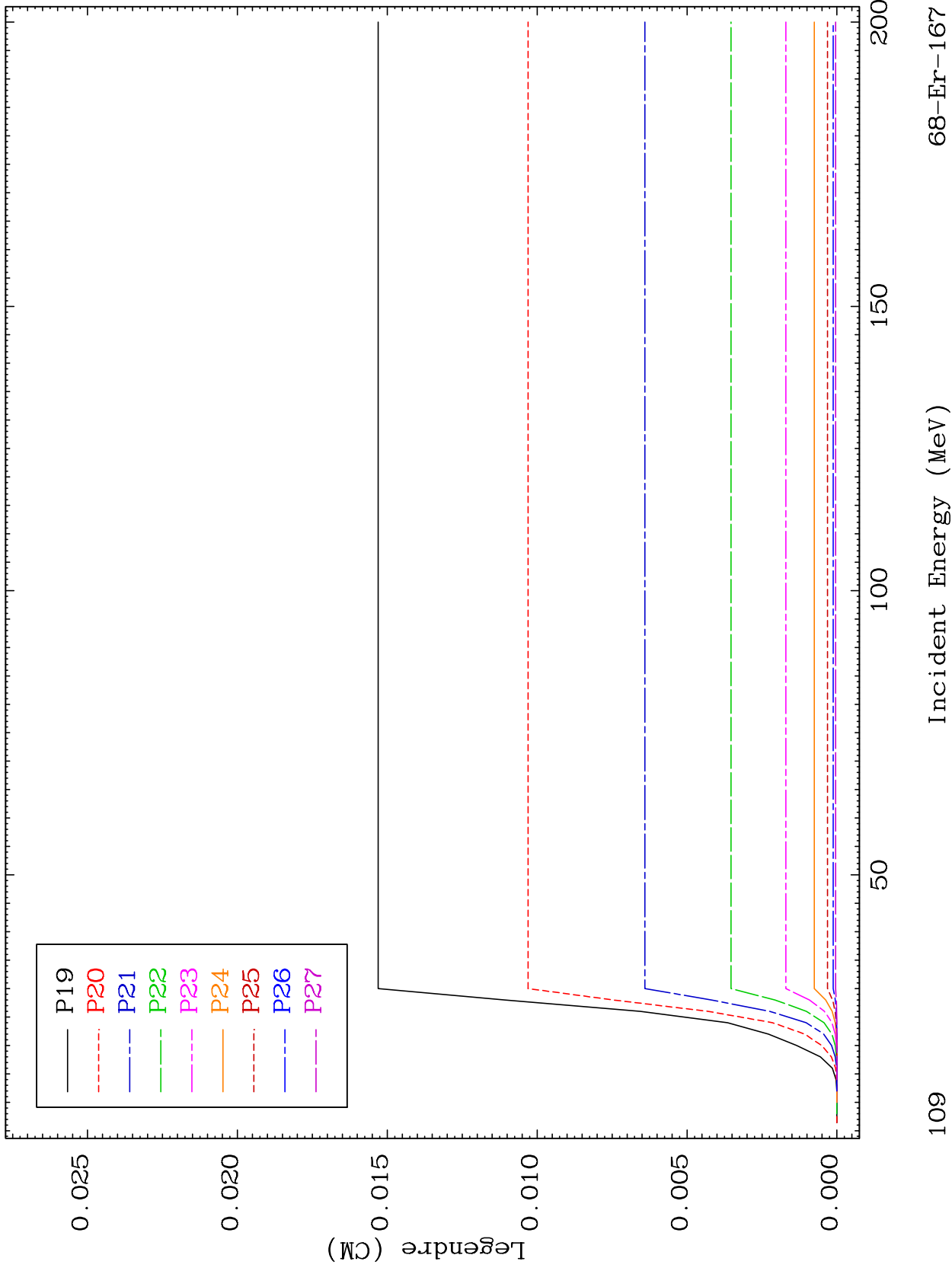
68-Er-167



108

Incident Energy (MeV)

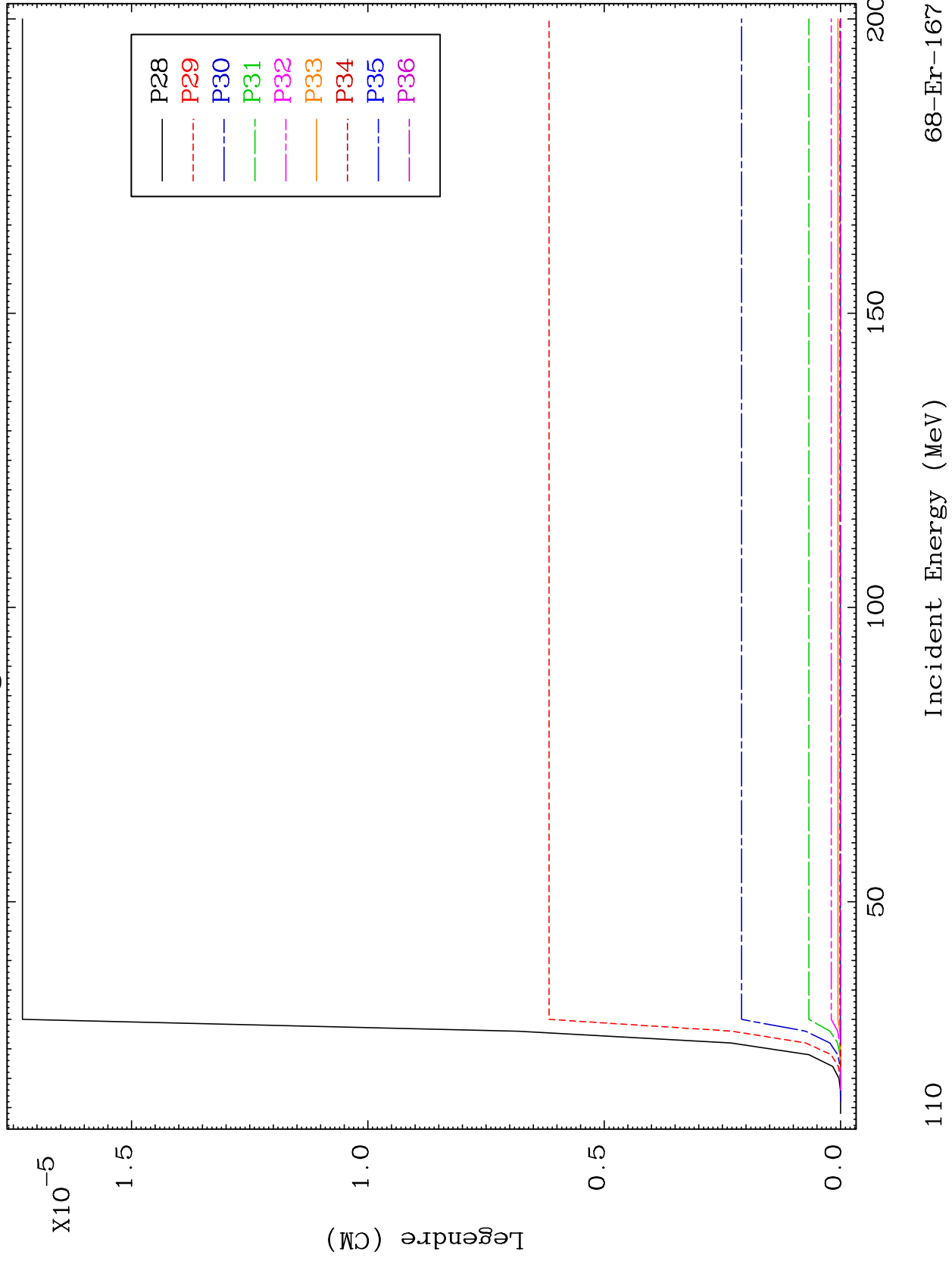
68-Er-167

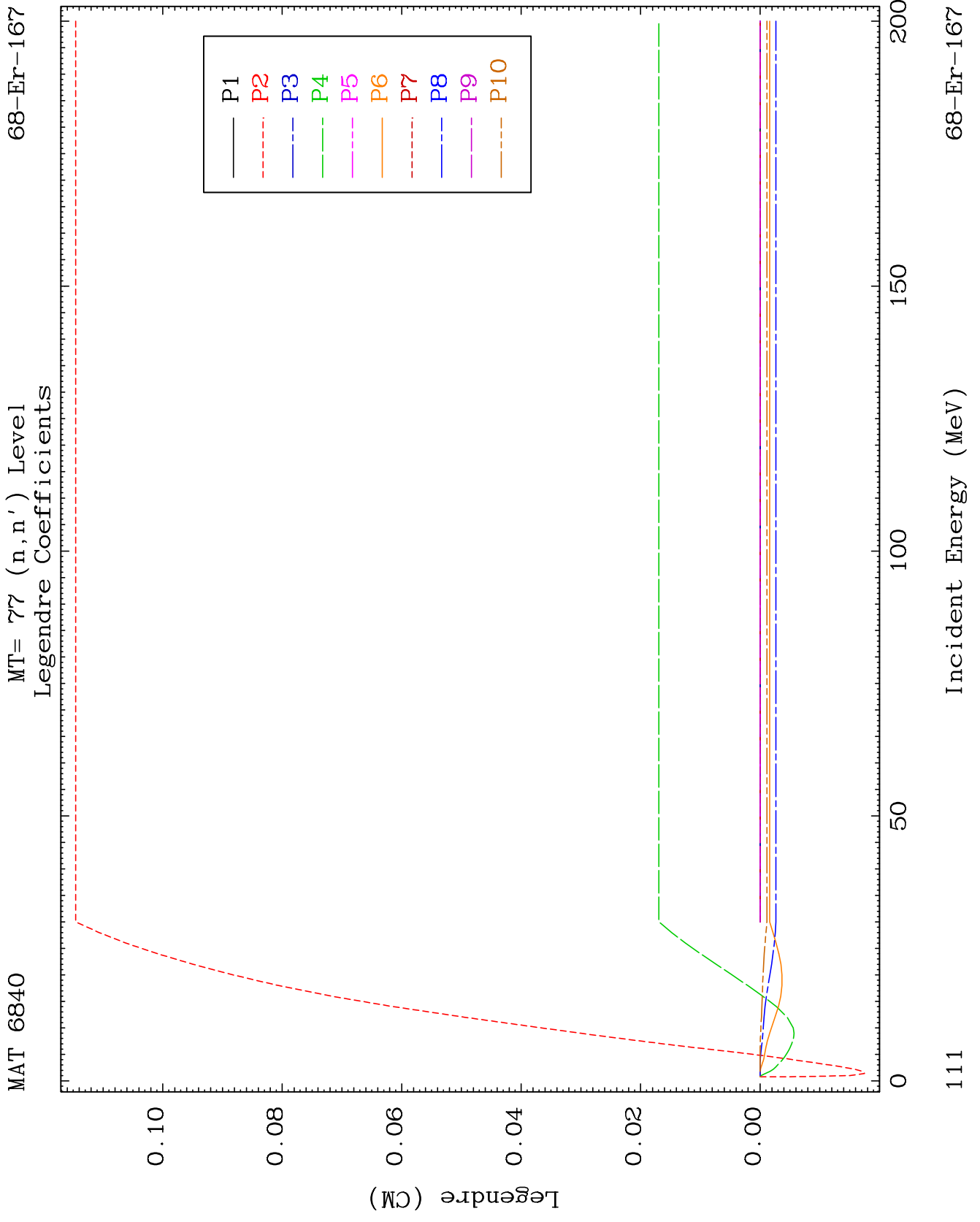


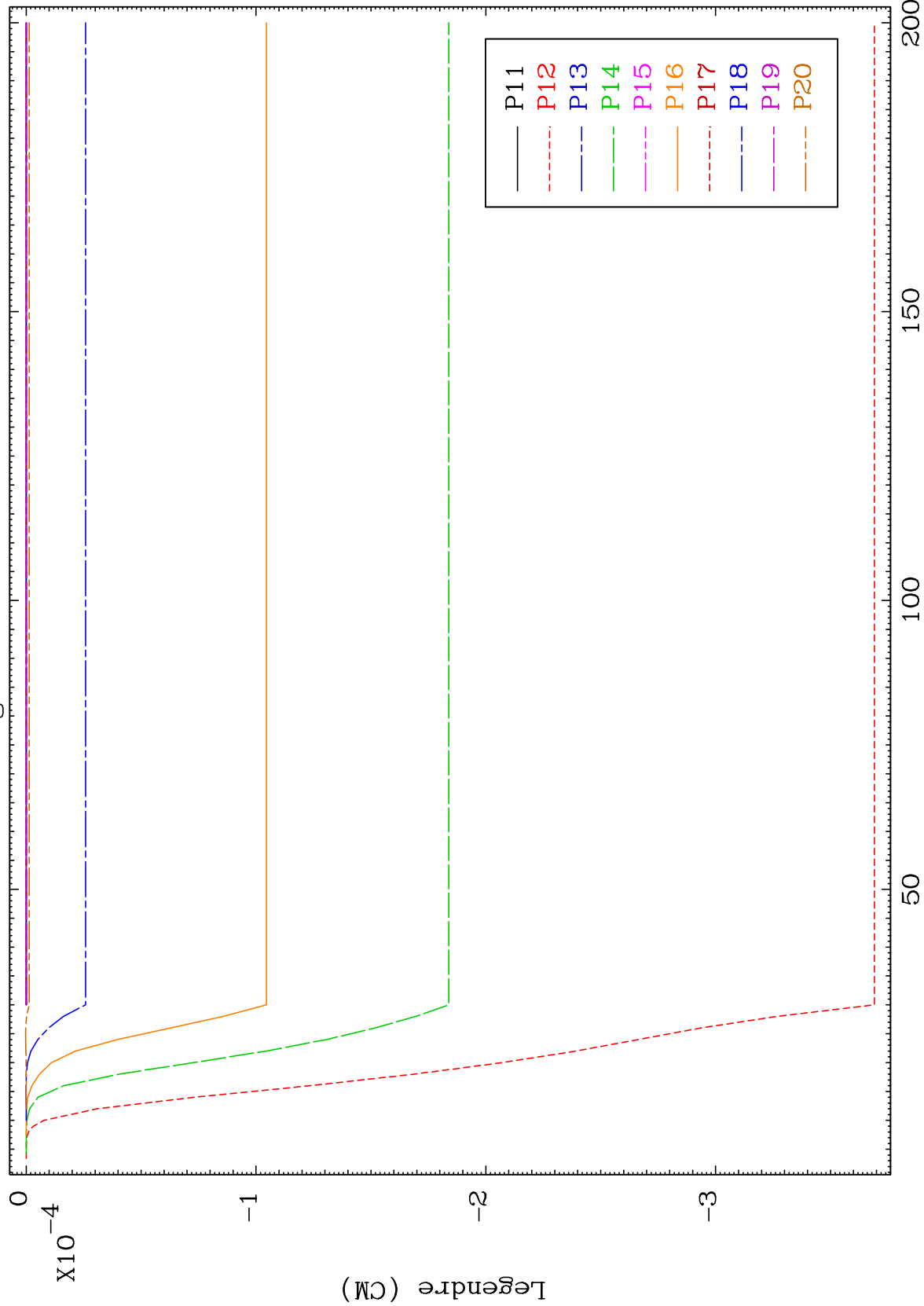
MAT 6840

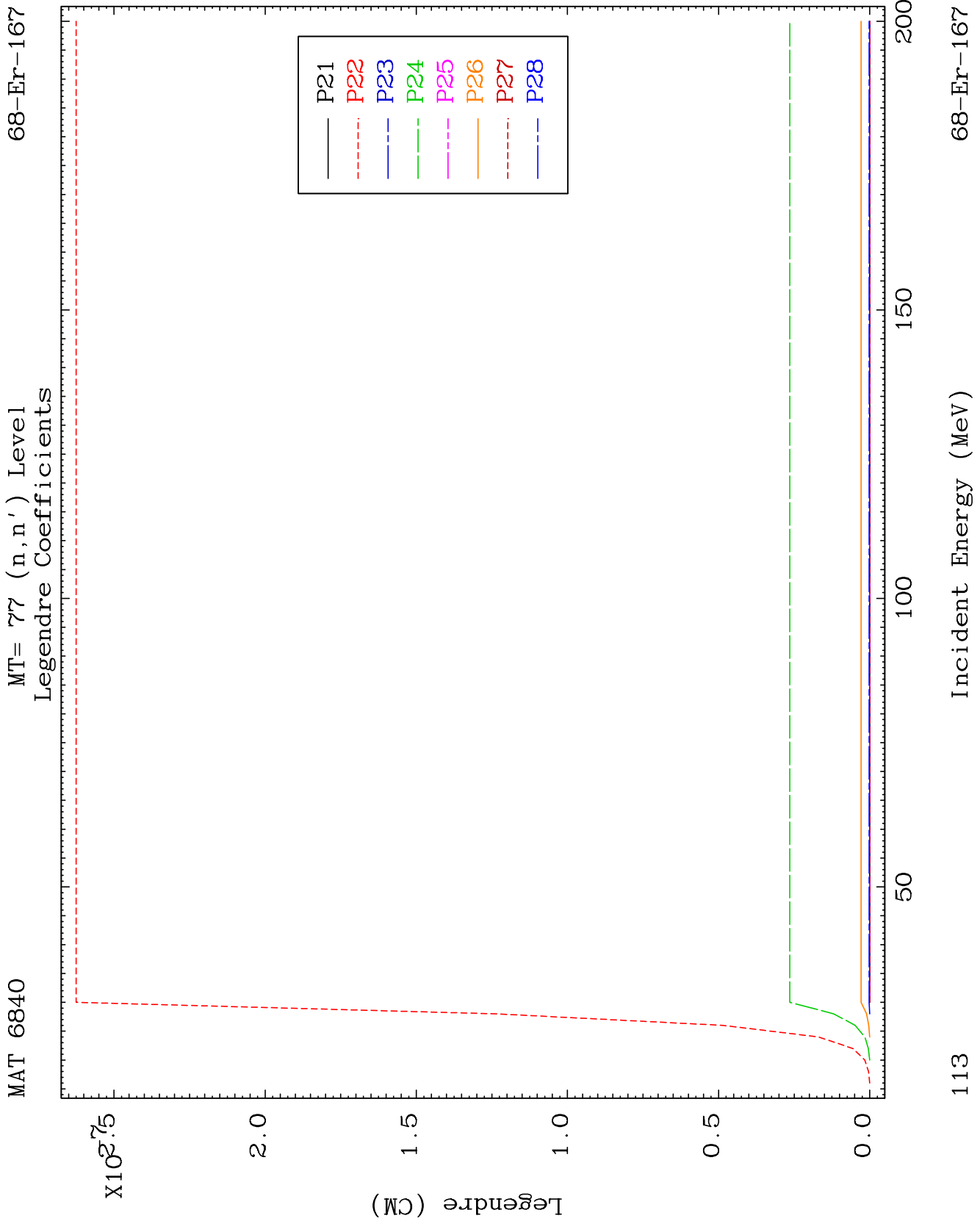
MT= 76 (n,n') Level
Legendre Coefficients

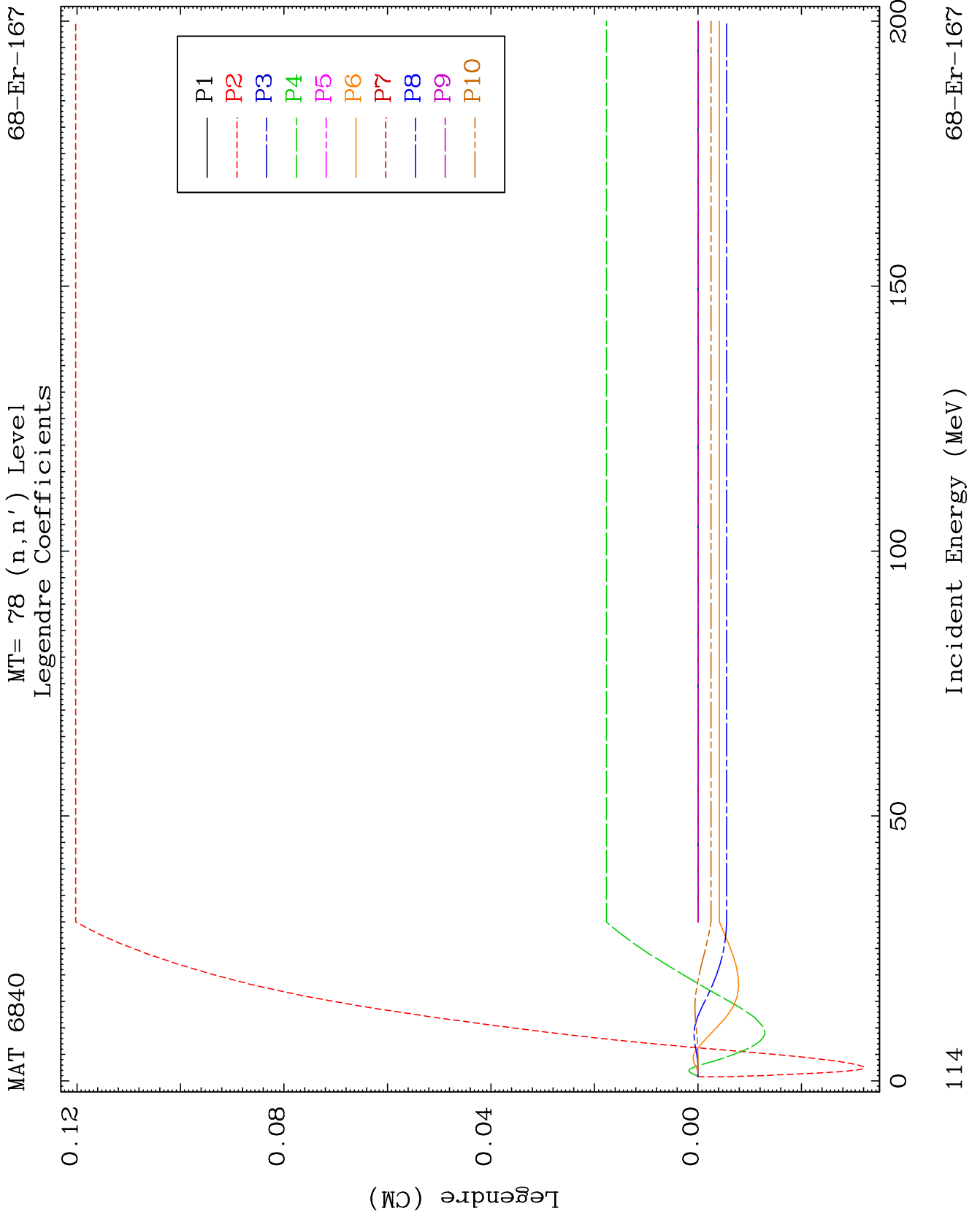
68-Er-167











68-Er-167

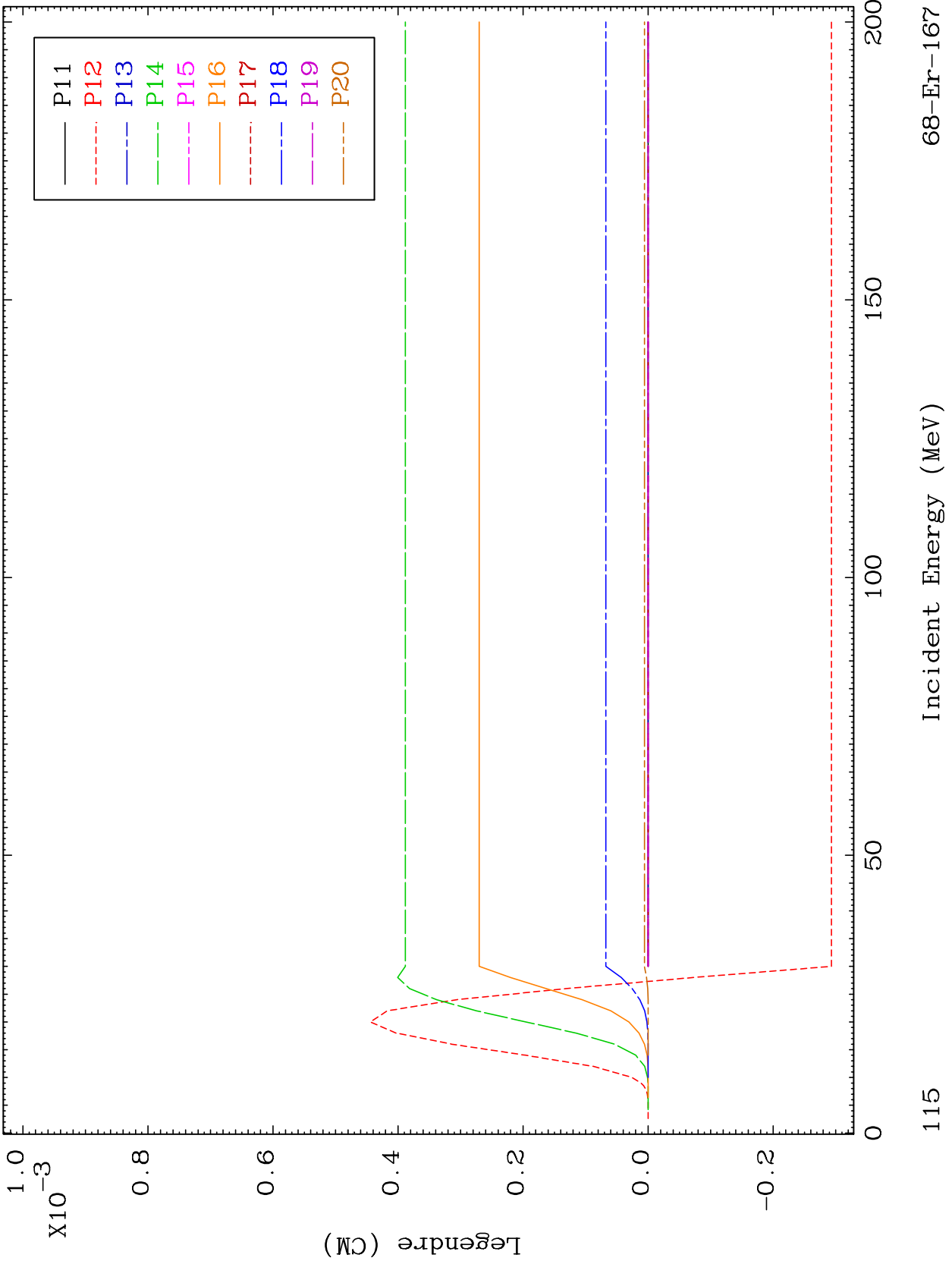
Incident Energy (MeV)

114

MAT 6840

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

68-Er-167



68-Er-167

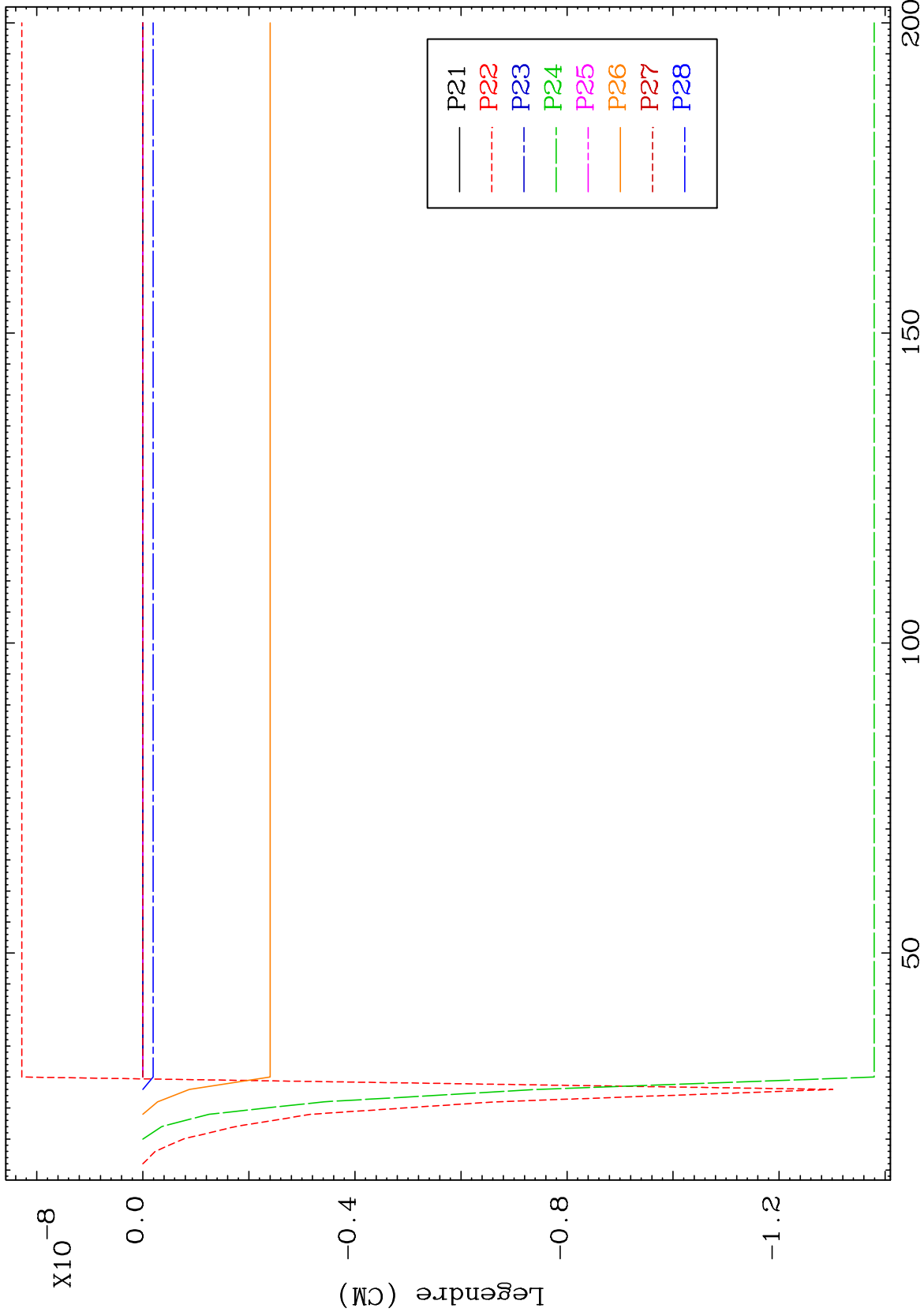
Incident Energy (MeV)

115

MAT 6840

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

68-Er-167



116

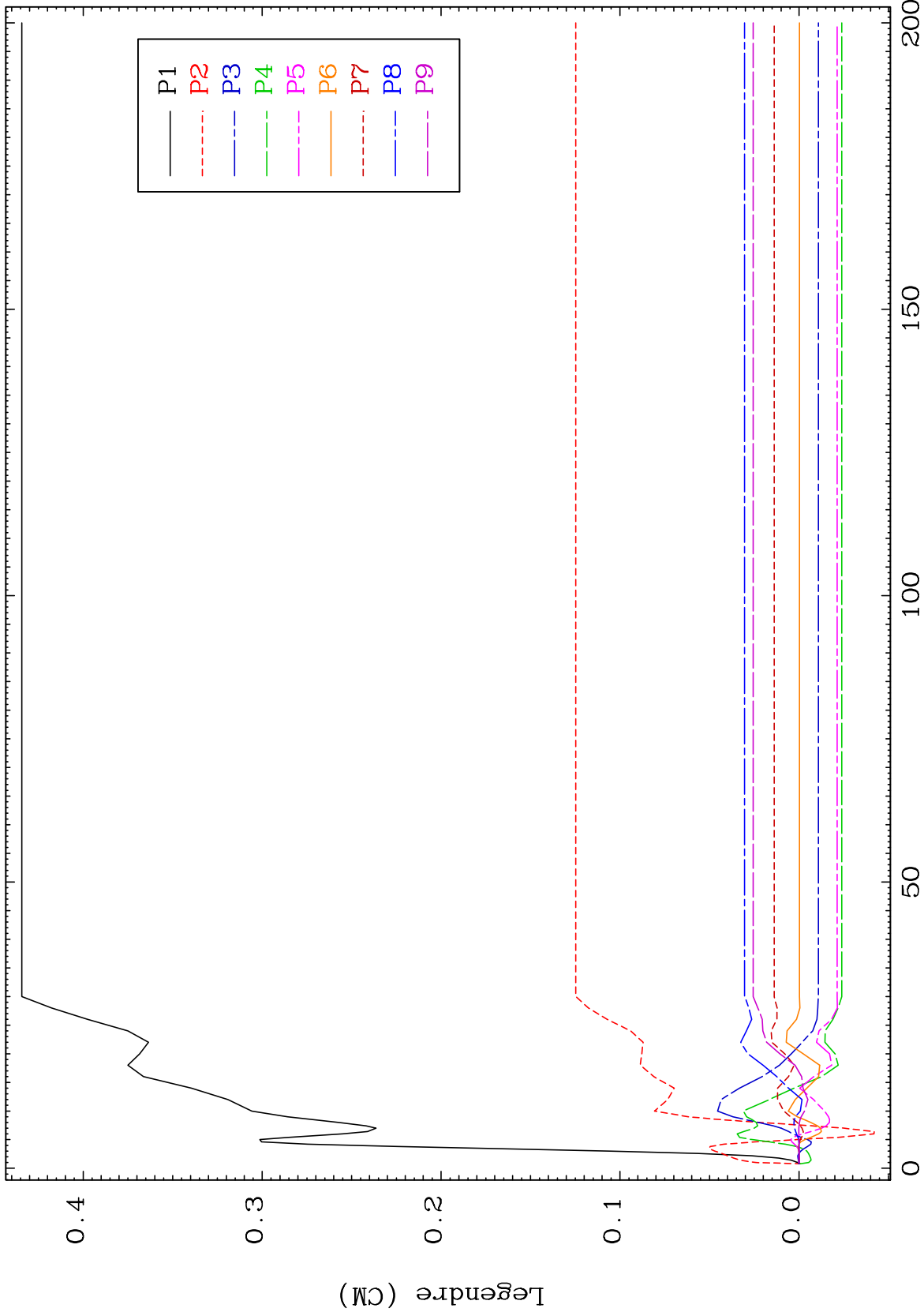
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



117

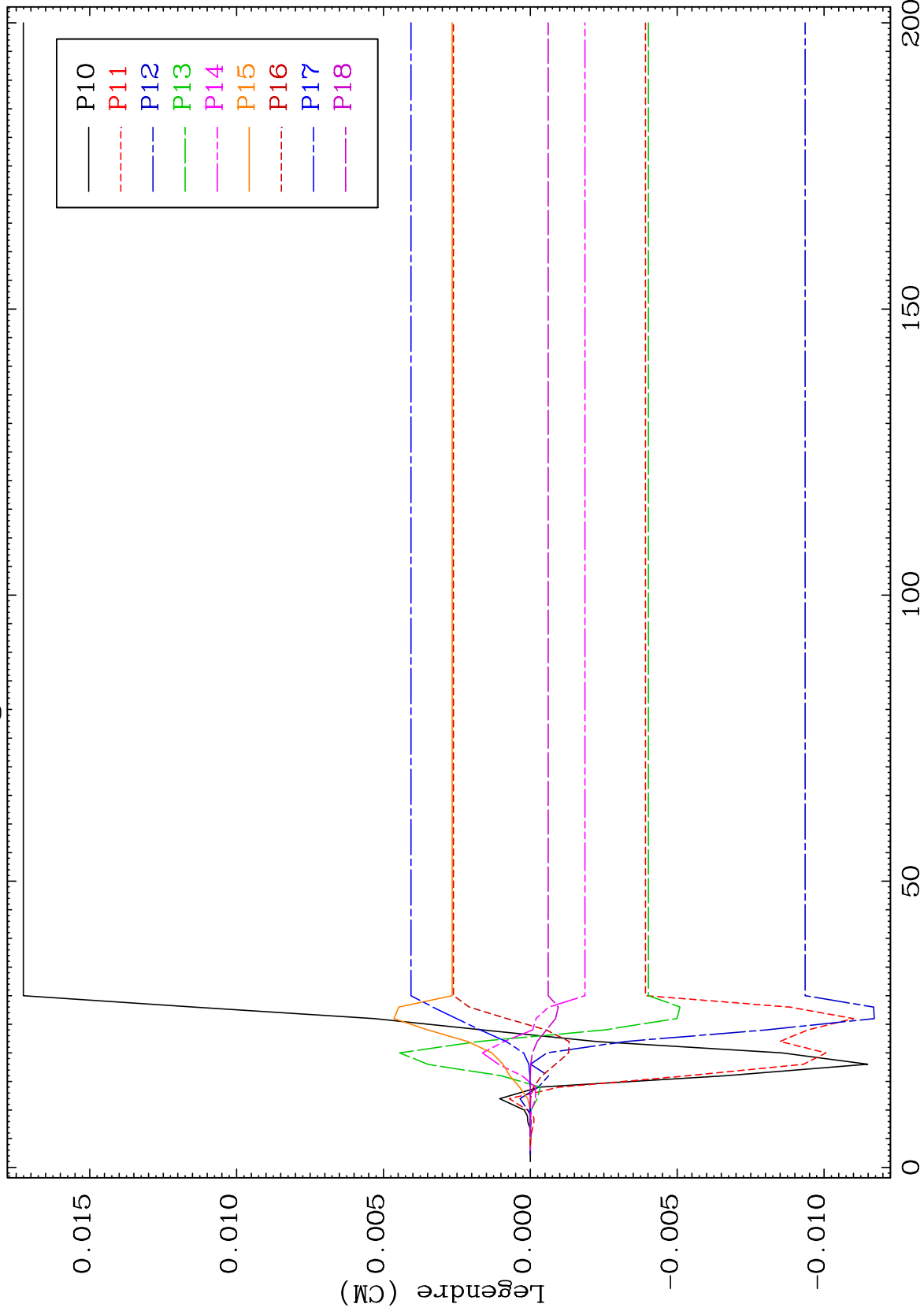
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



118

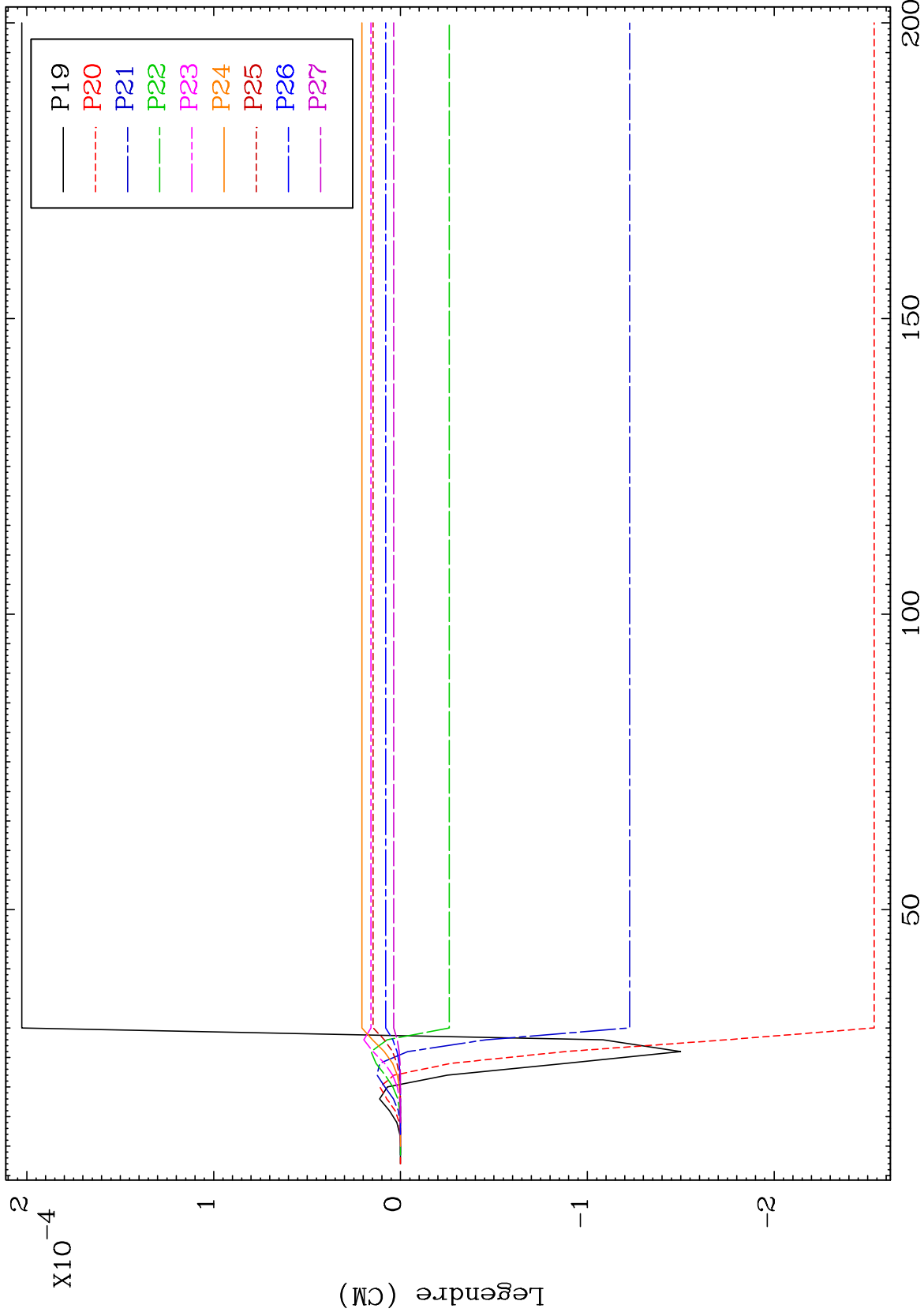
Incident Energy (MeV)

68-Er-167

MAT 6840

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

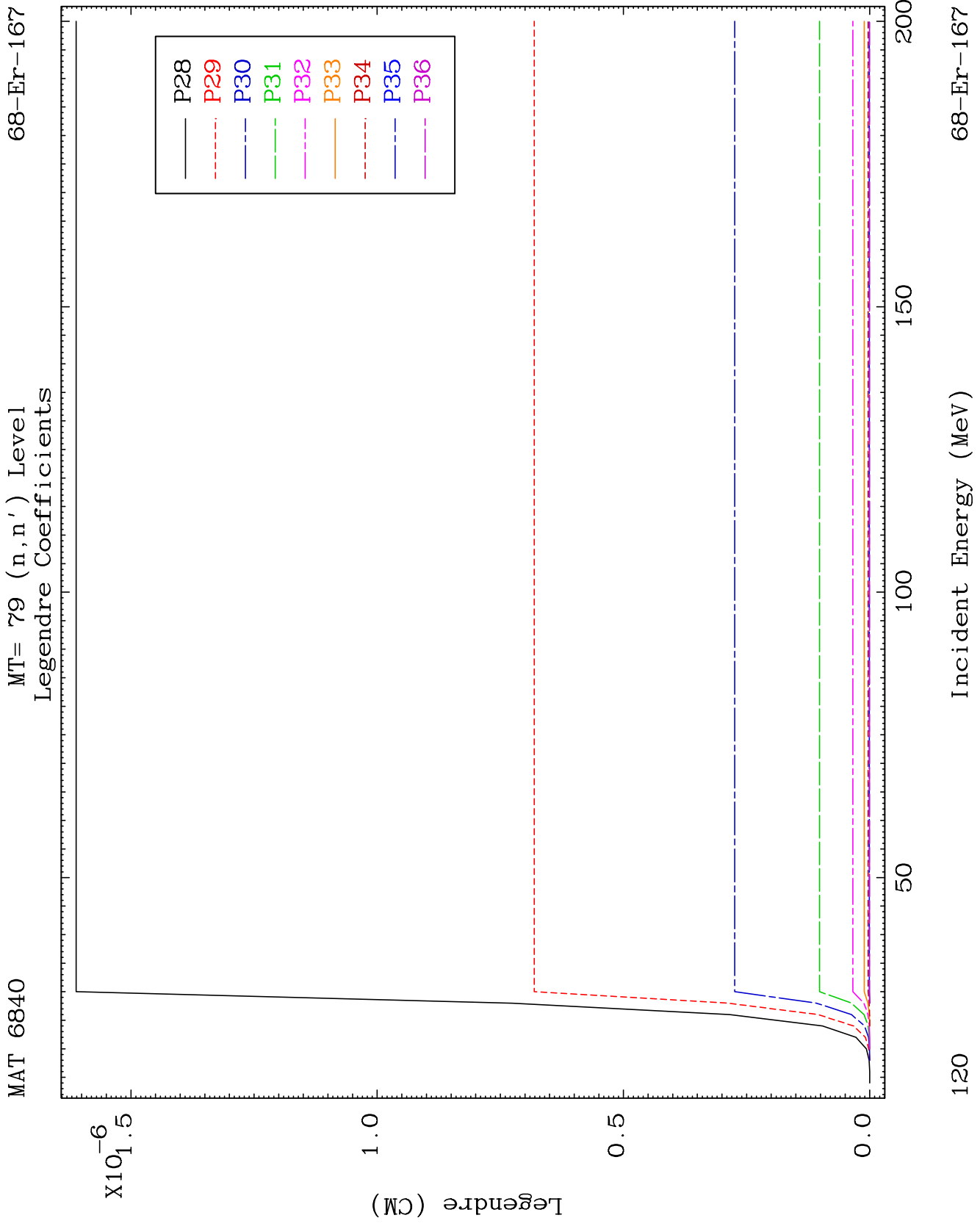
68-Er-167



119

Incident Energy (MeV)

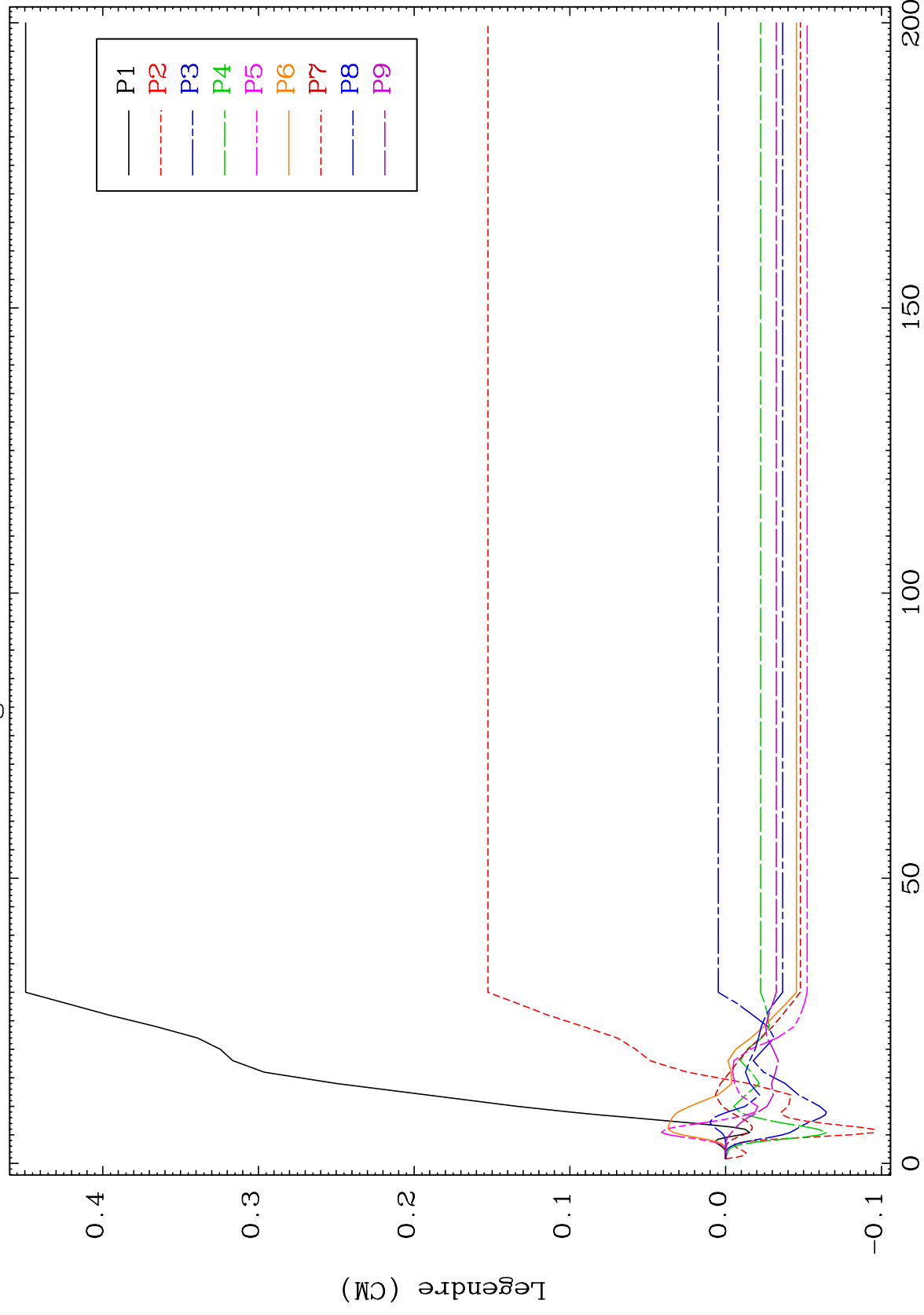
68-Er-167



MAT 6840

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

68-Er-167



68-Er-167

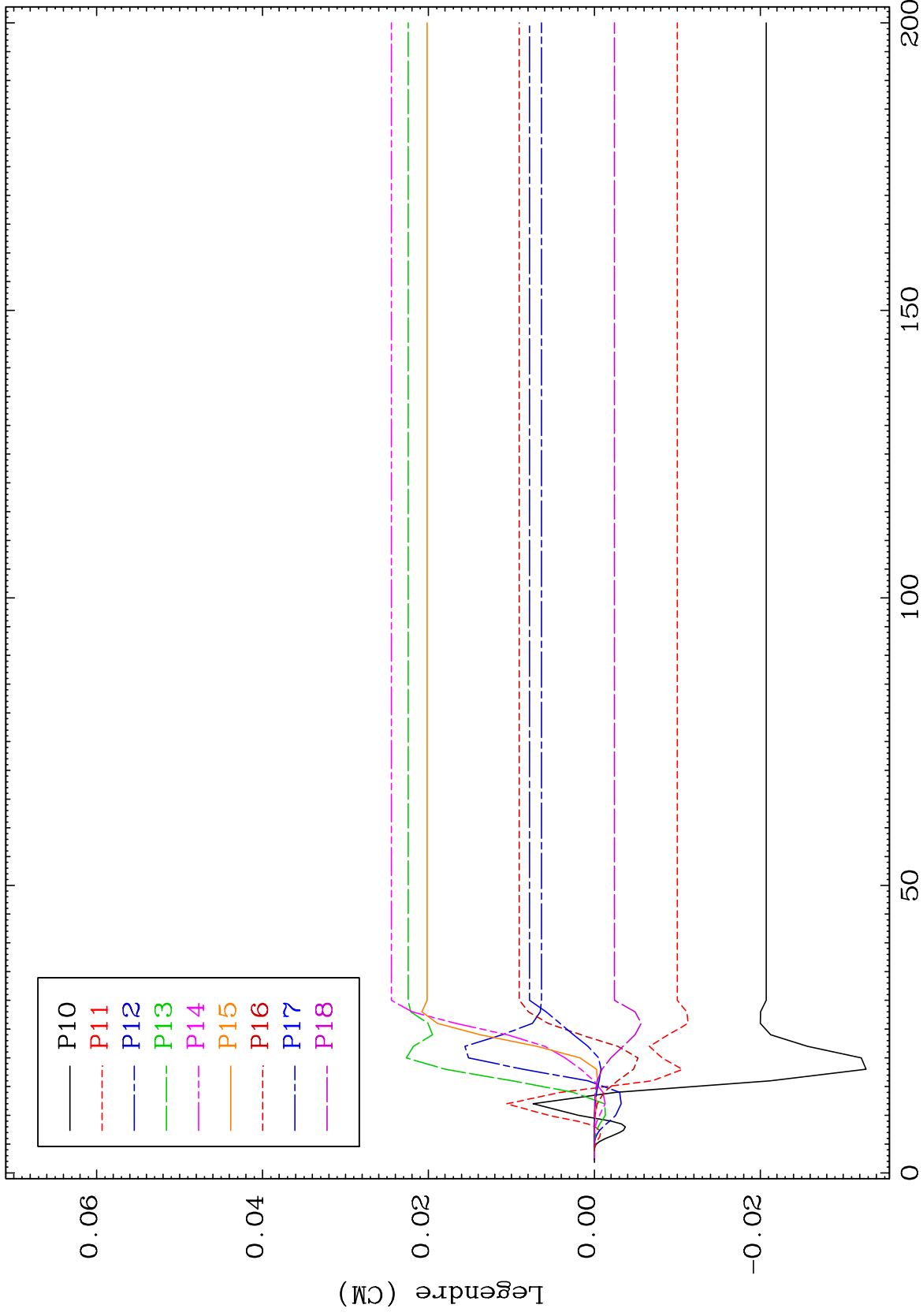
Incident Energy (MeV)

121

MAT 6840

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

68-Er-167



122

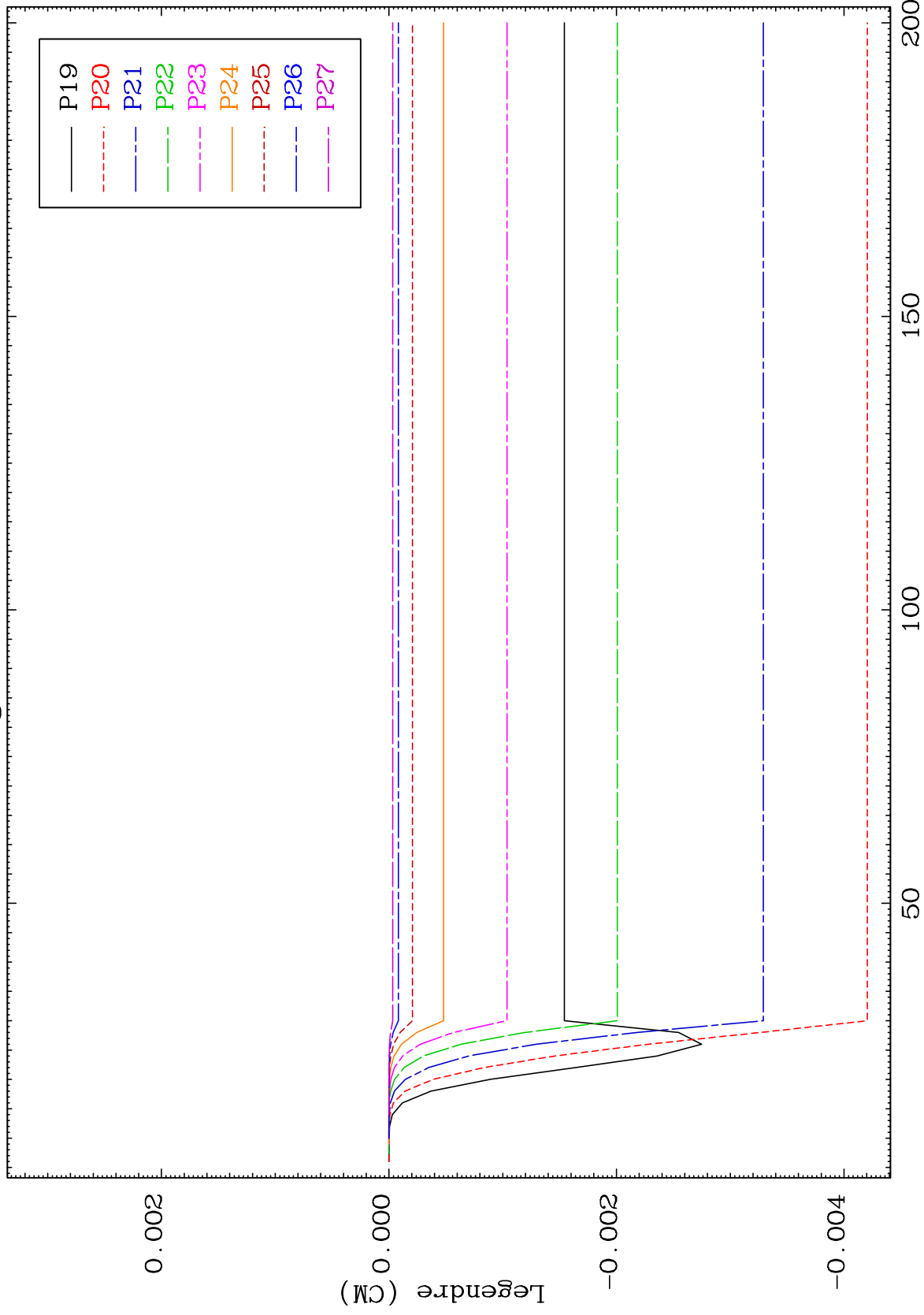
Incident Energy (MeV)

68-Er-167

MAT 6840

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

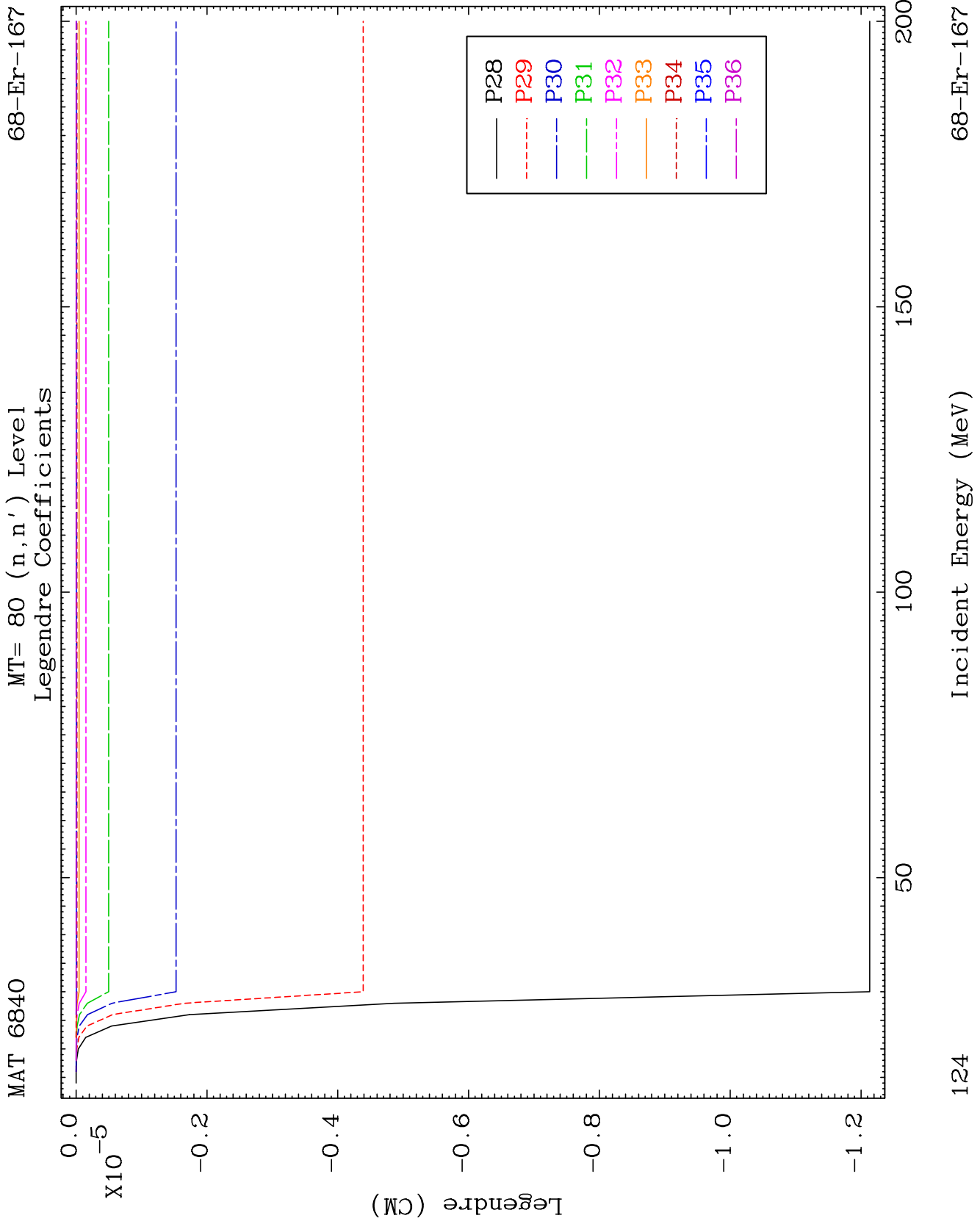
68-Er-167



123

Incident Energy (MeV)

68-Er-167

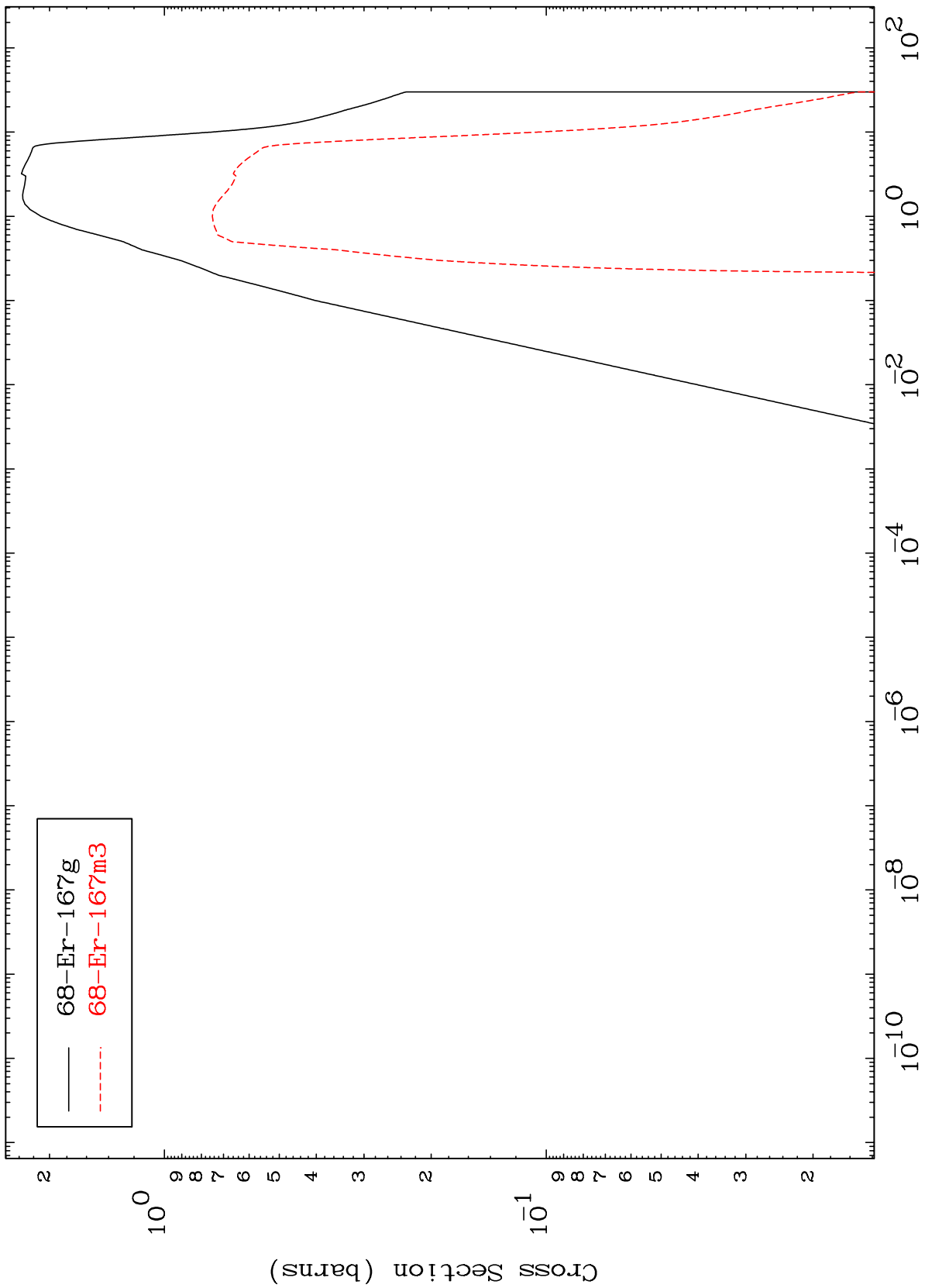


MAT 6840

Inelastic

68-Er-167

Radionuclide Production Cross Section



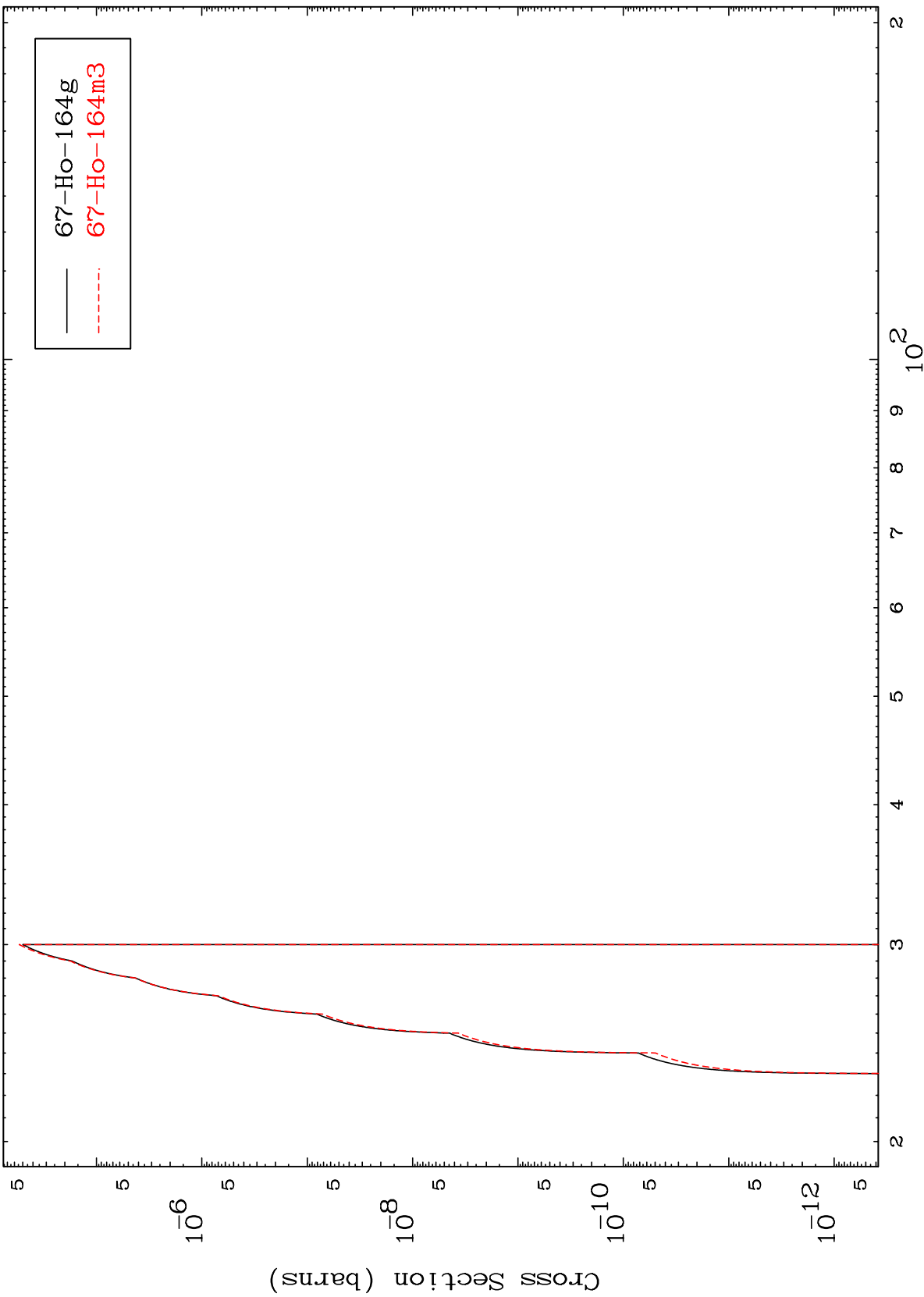
68-Er-167g
68-Er-167m3

125

Incident Energy (MeV)

68-Er-167

Radionuclide Production Cross Section

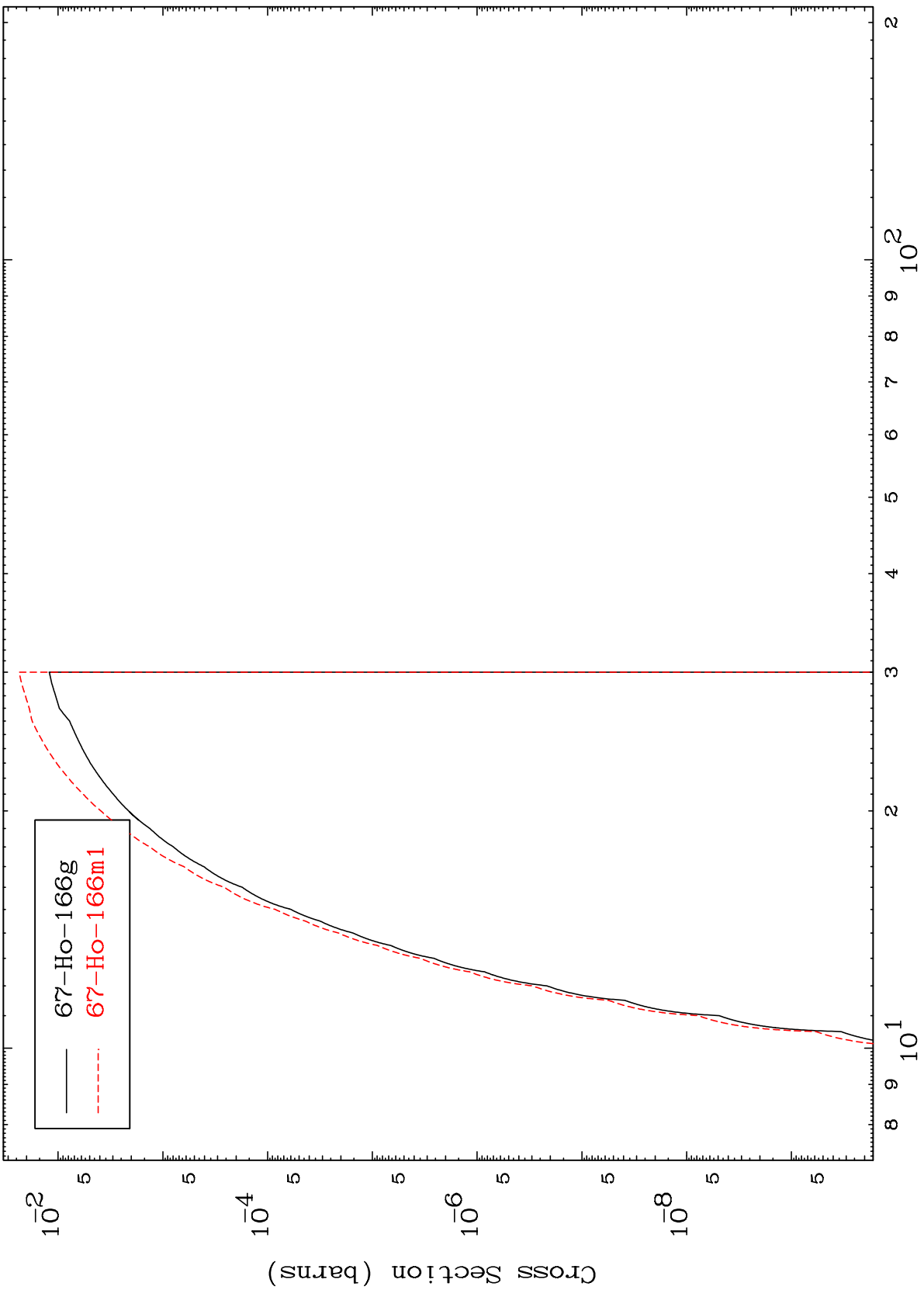


MAT 6840

(n,n') p

68-Er-167

Radionuclide Production Cross Section



127

Incident Energy (MeV)

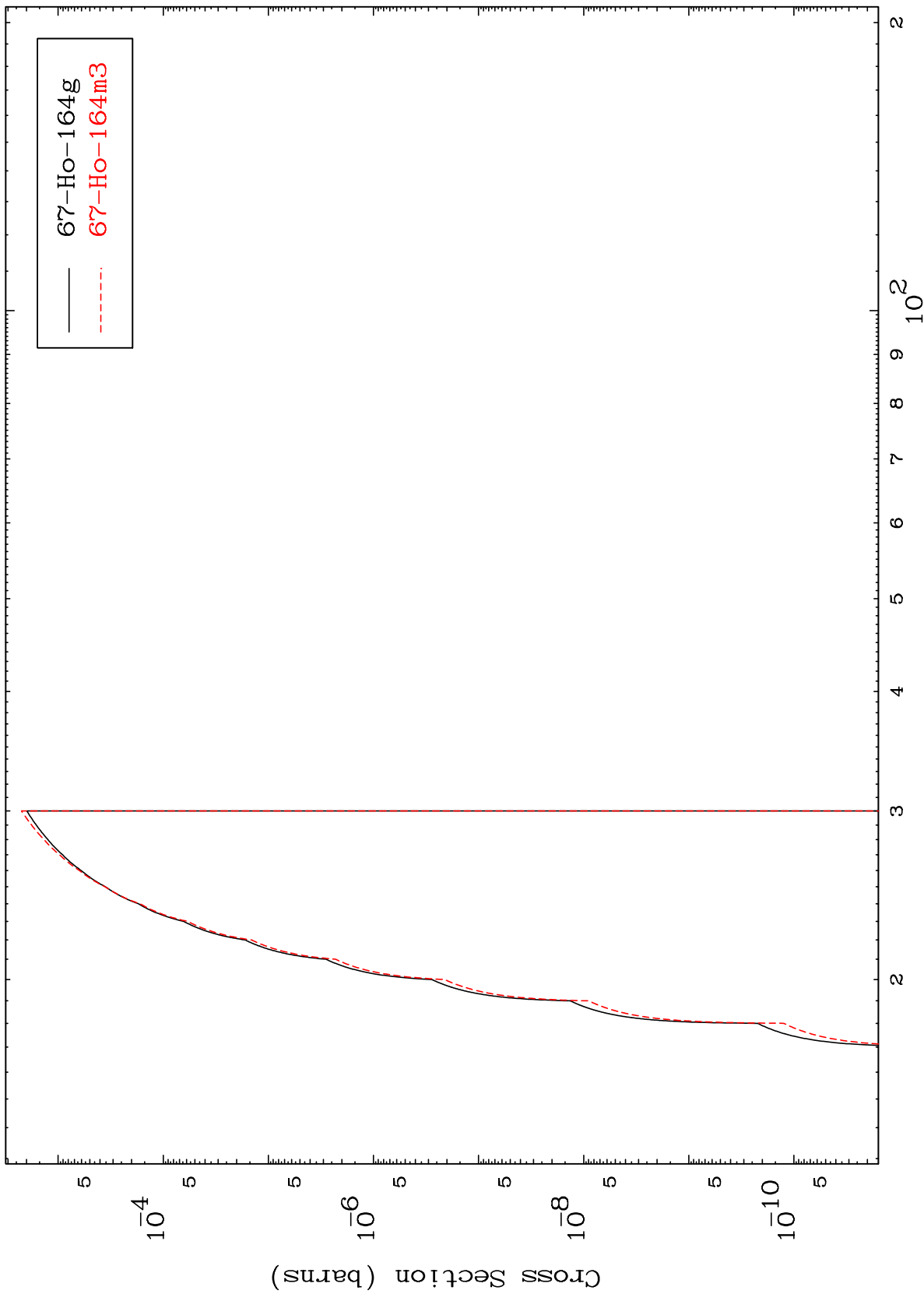
68-Er-167

MAT 6840

(n,n') t

68-Er-167

Radionuclide Production Cross Section

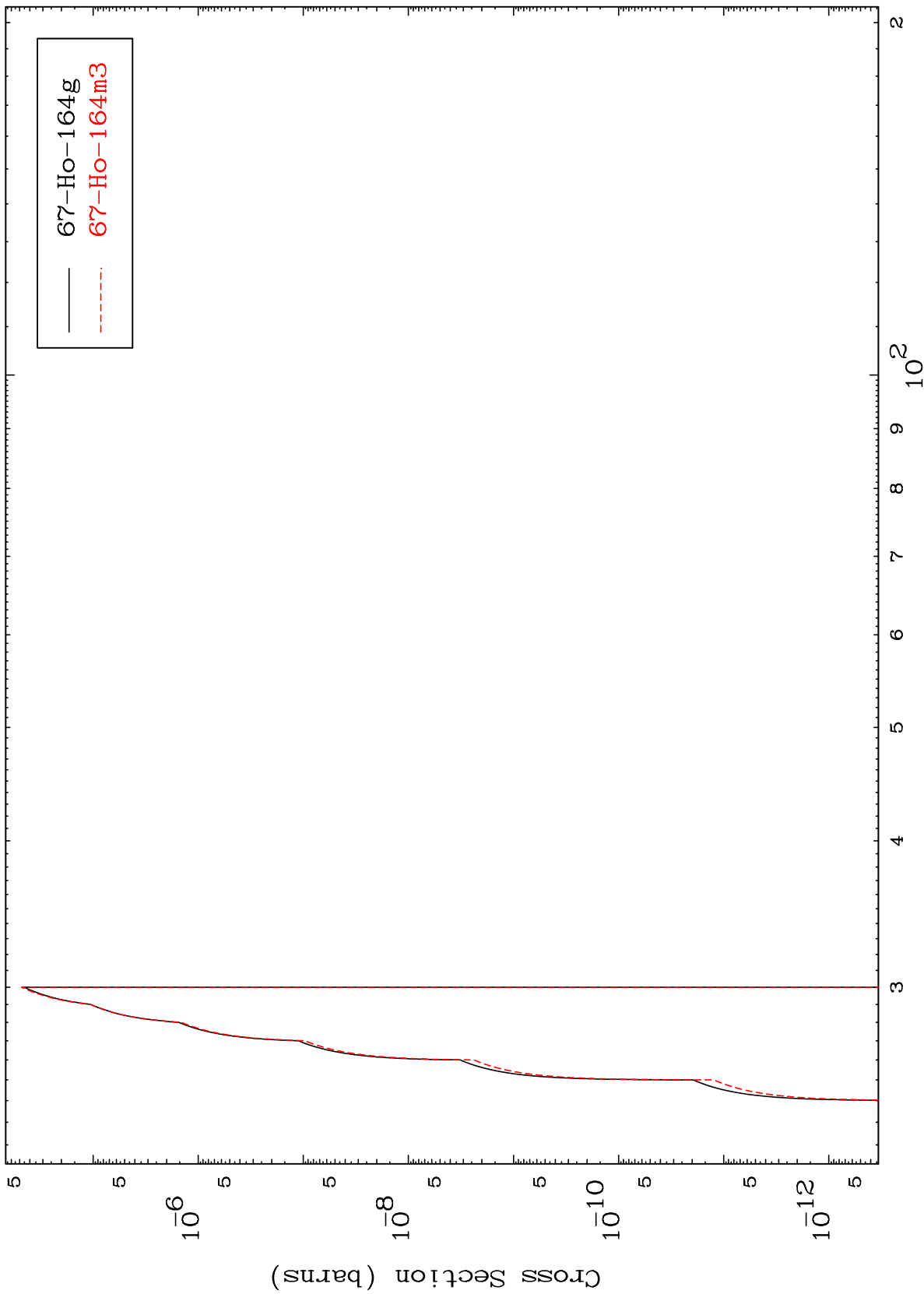


128

Incident Energy (MeV)

68-Er-167

Radionuclide Production Cross Section

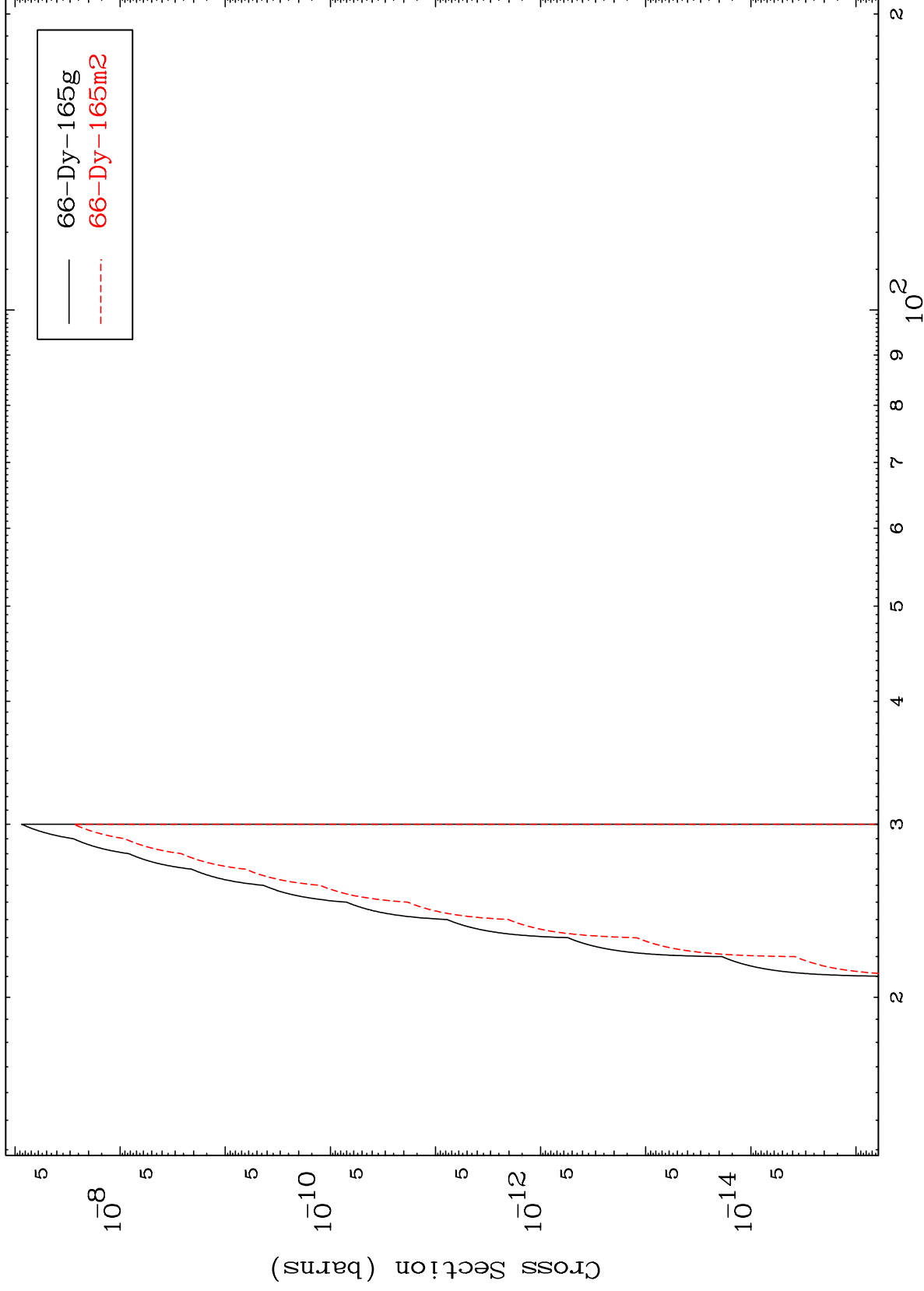


MAT 6840

(n,2n) p

68-Er-167

Radionuclide Production Cross Section



130

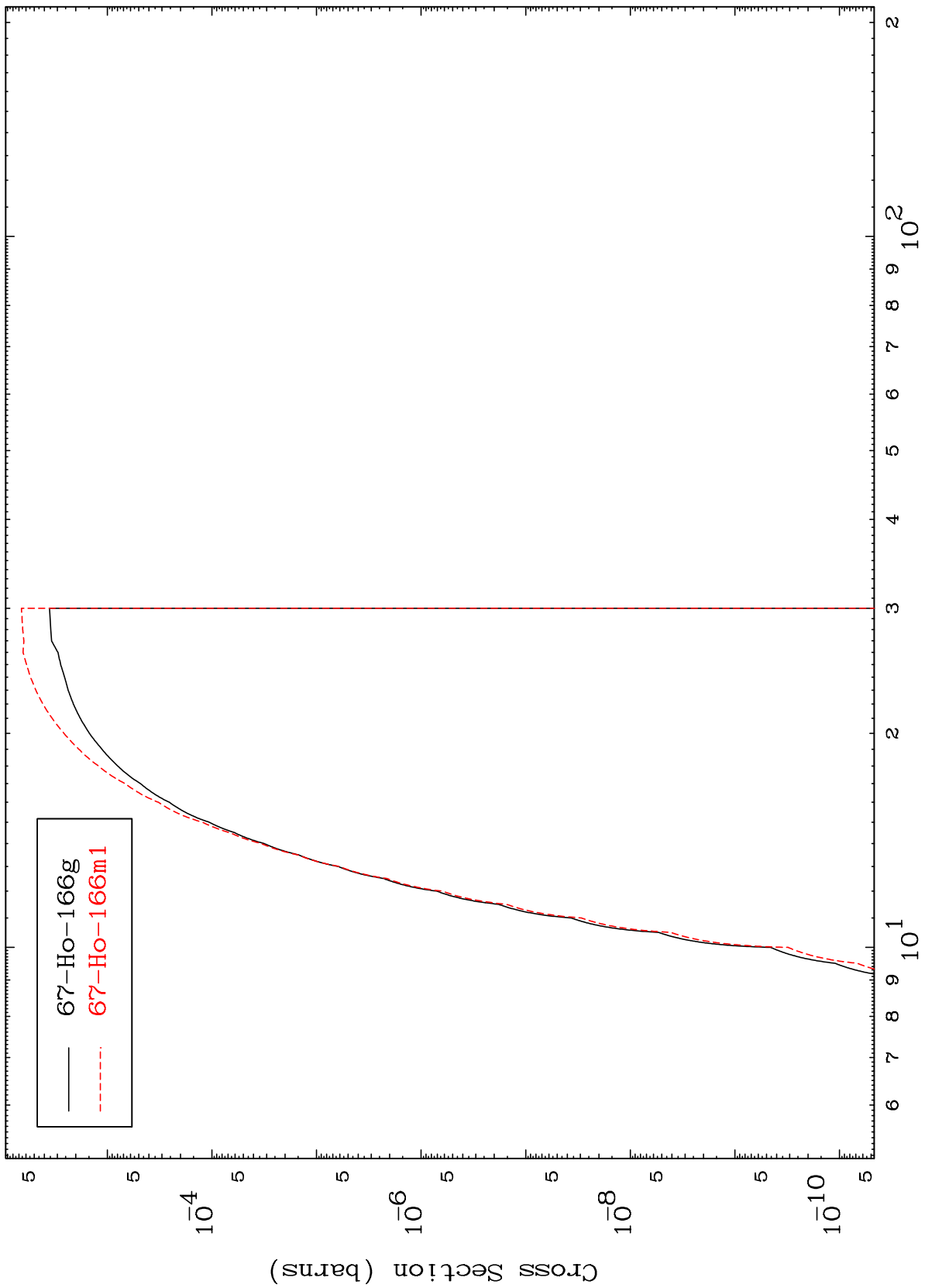
Incident Energy (MeV)

68-Er-167

MAT 6840

68-Er-167

(n,d)
Radionuclide Production Cross Section



131

Incident Energy (MeV)

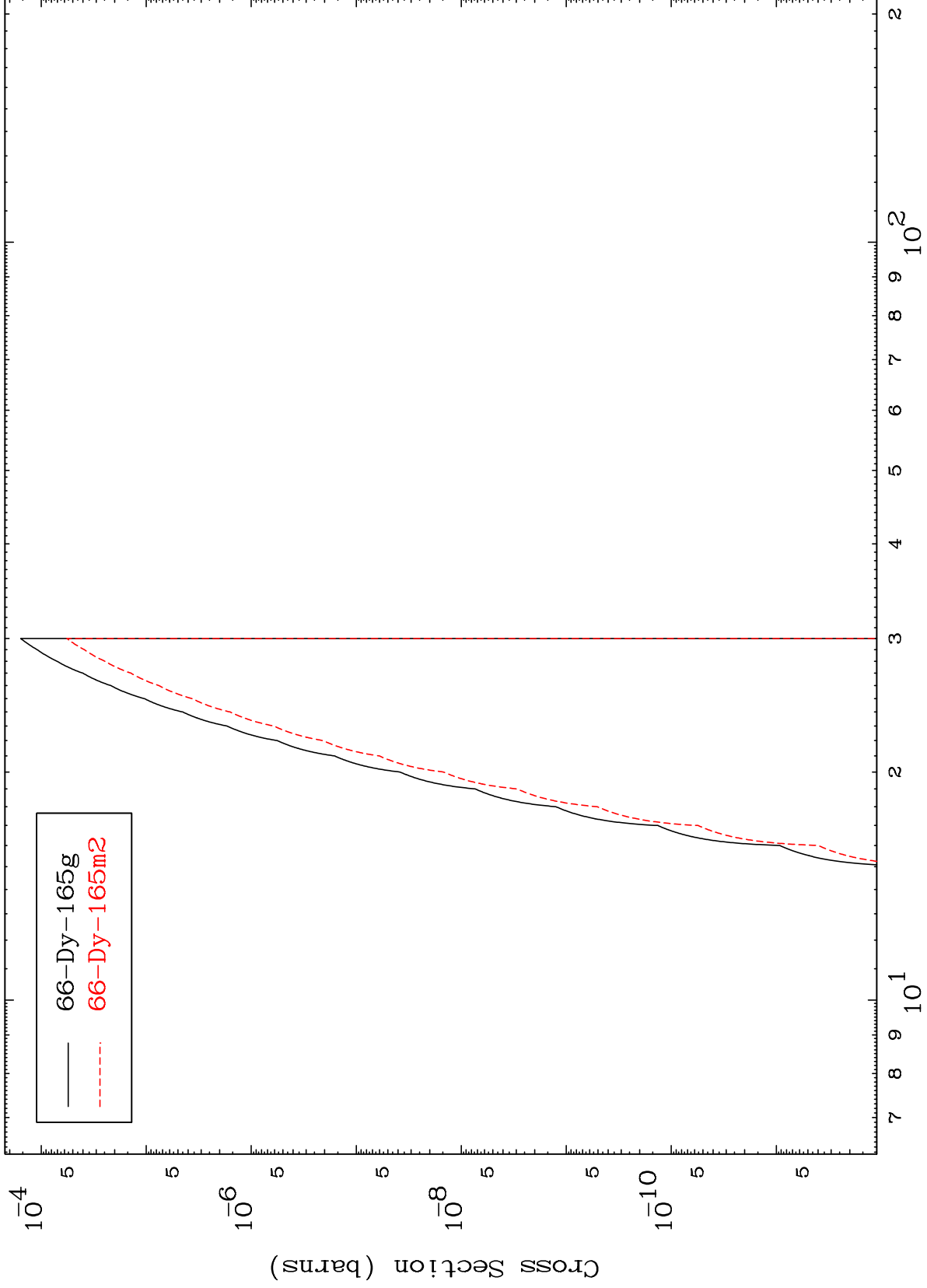
68-Er-167

MAT 6840

(n,He-3)

68-Er-167

Radionuclide Production Cross Section



132

Incident Energy (MeV)

68-Er-167