

Program EVALPLOT
(Version 2021-1)

by

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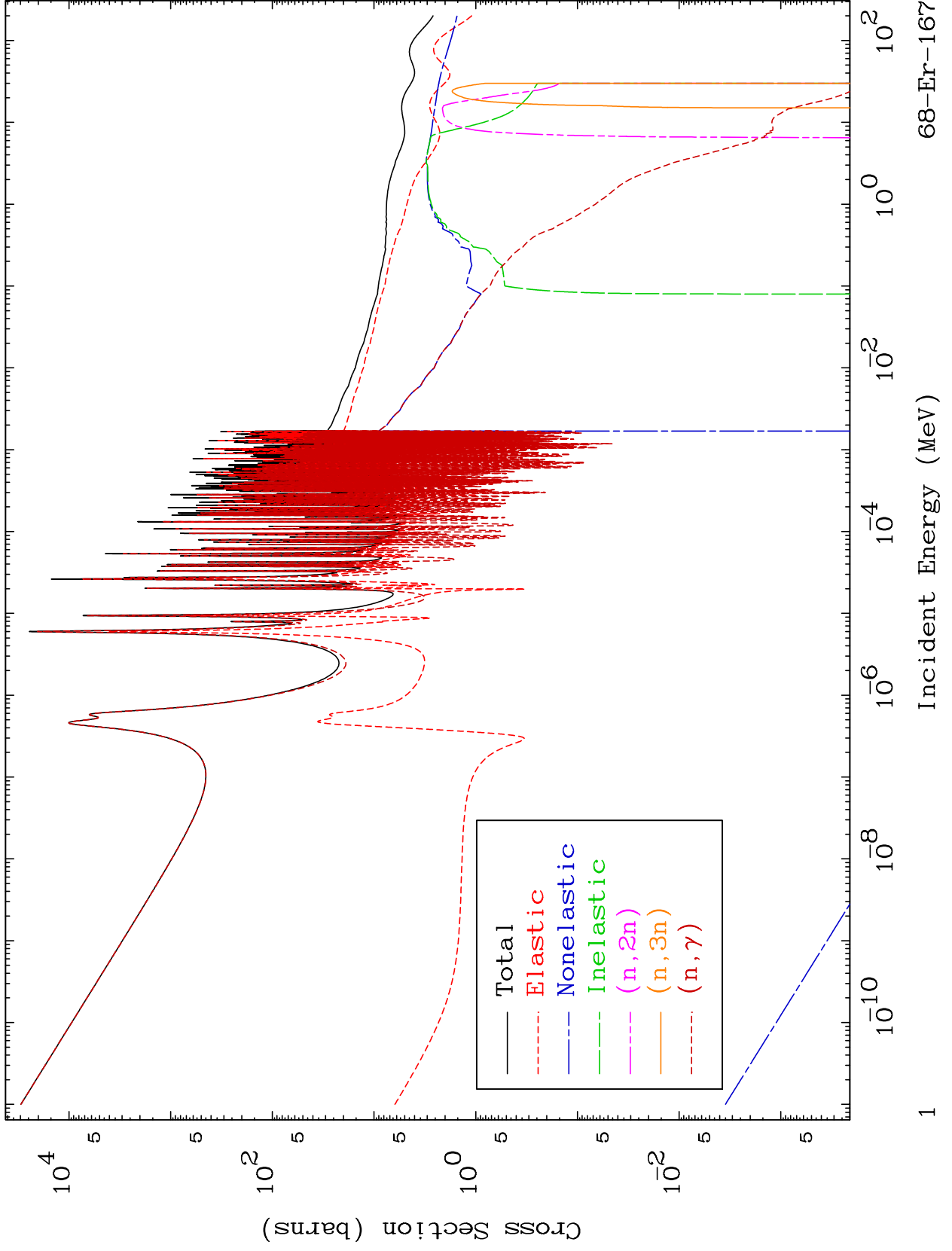
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6840

Neutron Major
293 Kelvin Cross Sections

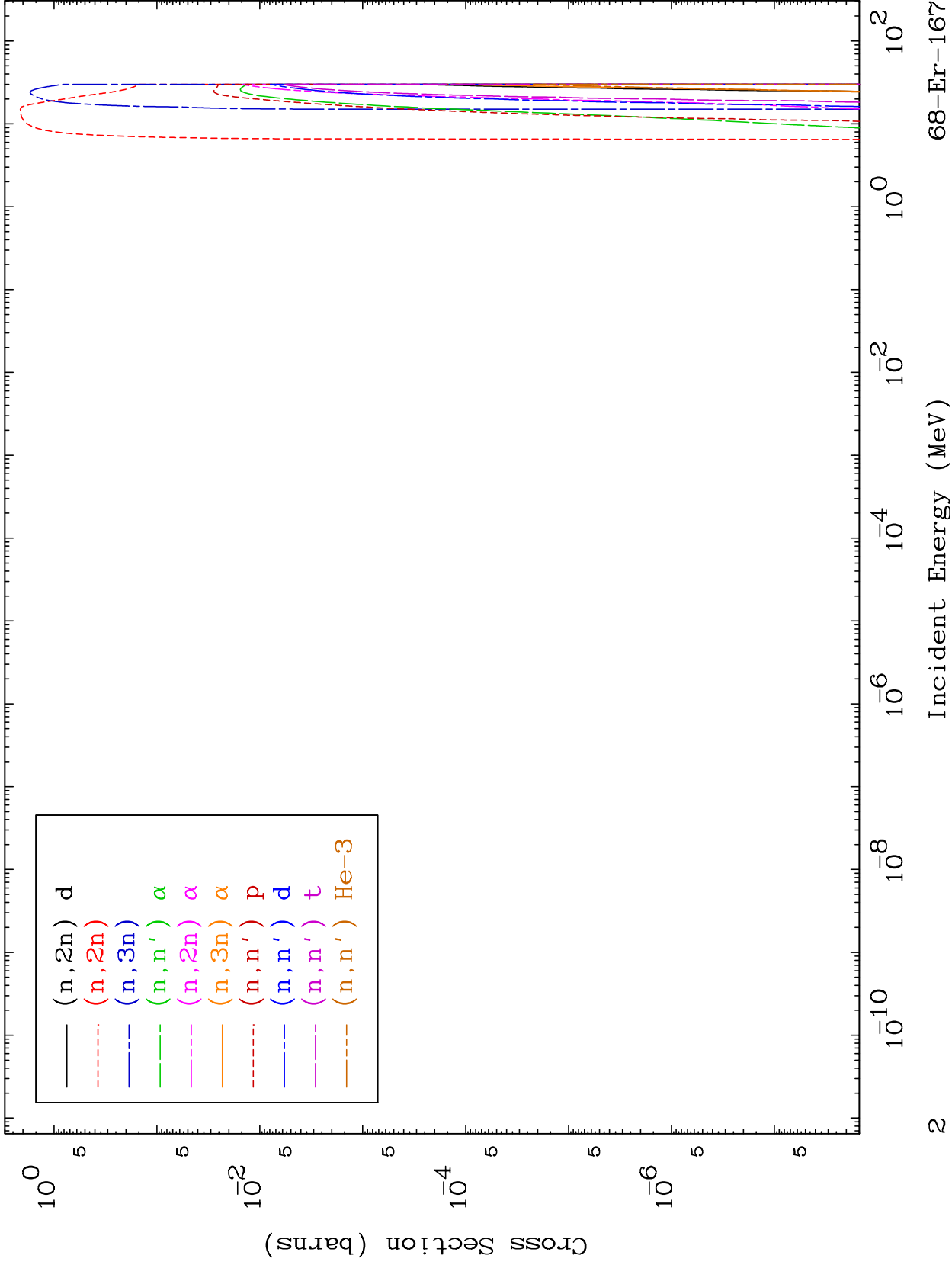
68-Er-167



MAT 6840

Neutron Absorption
293 Kelvin Cross Sections

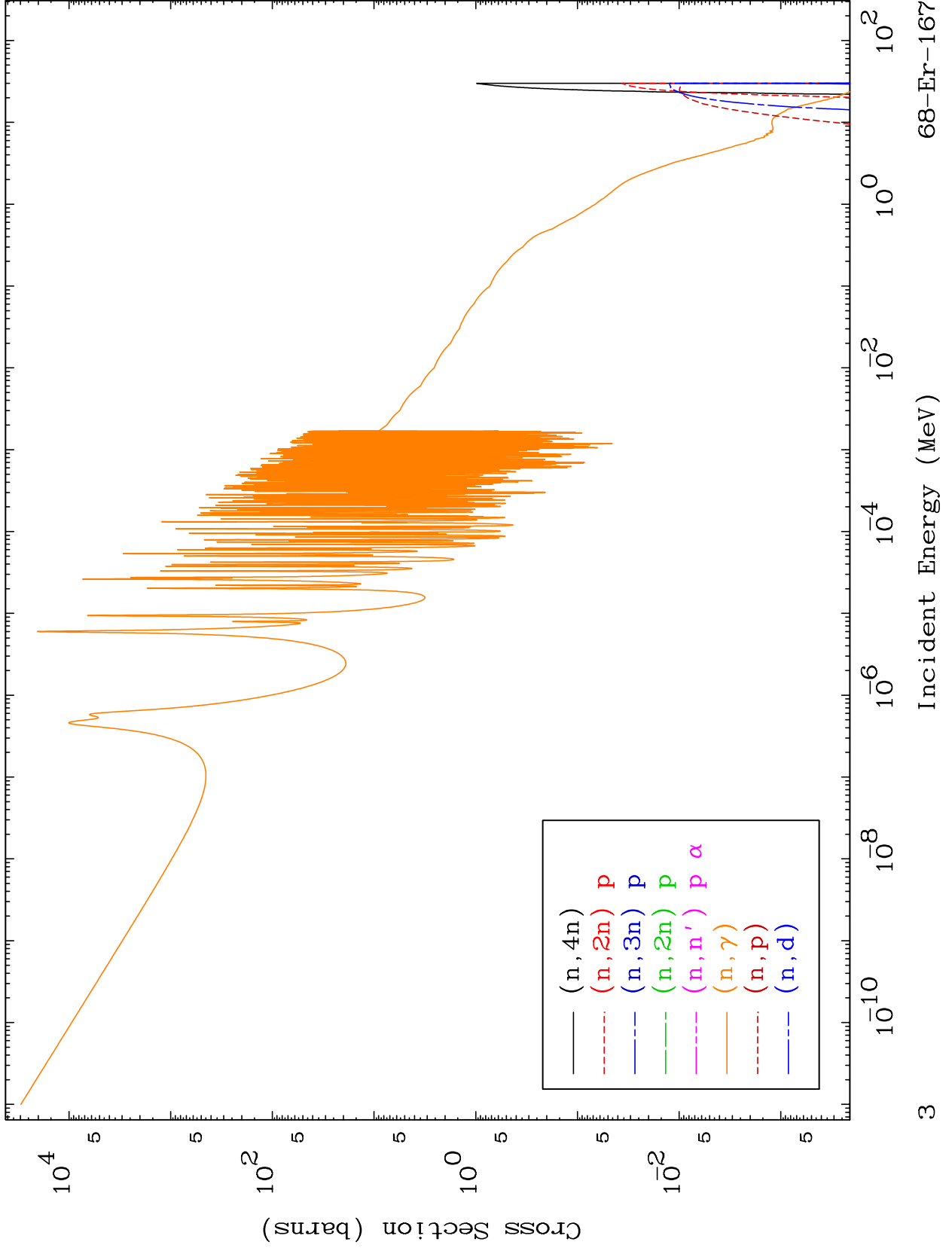
68-Er-167



MAT 6840

Neutron Absorption
293 Kelvin Cross Sections

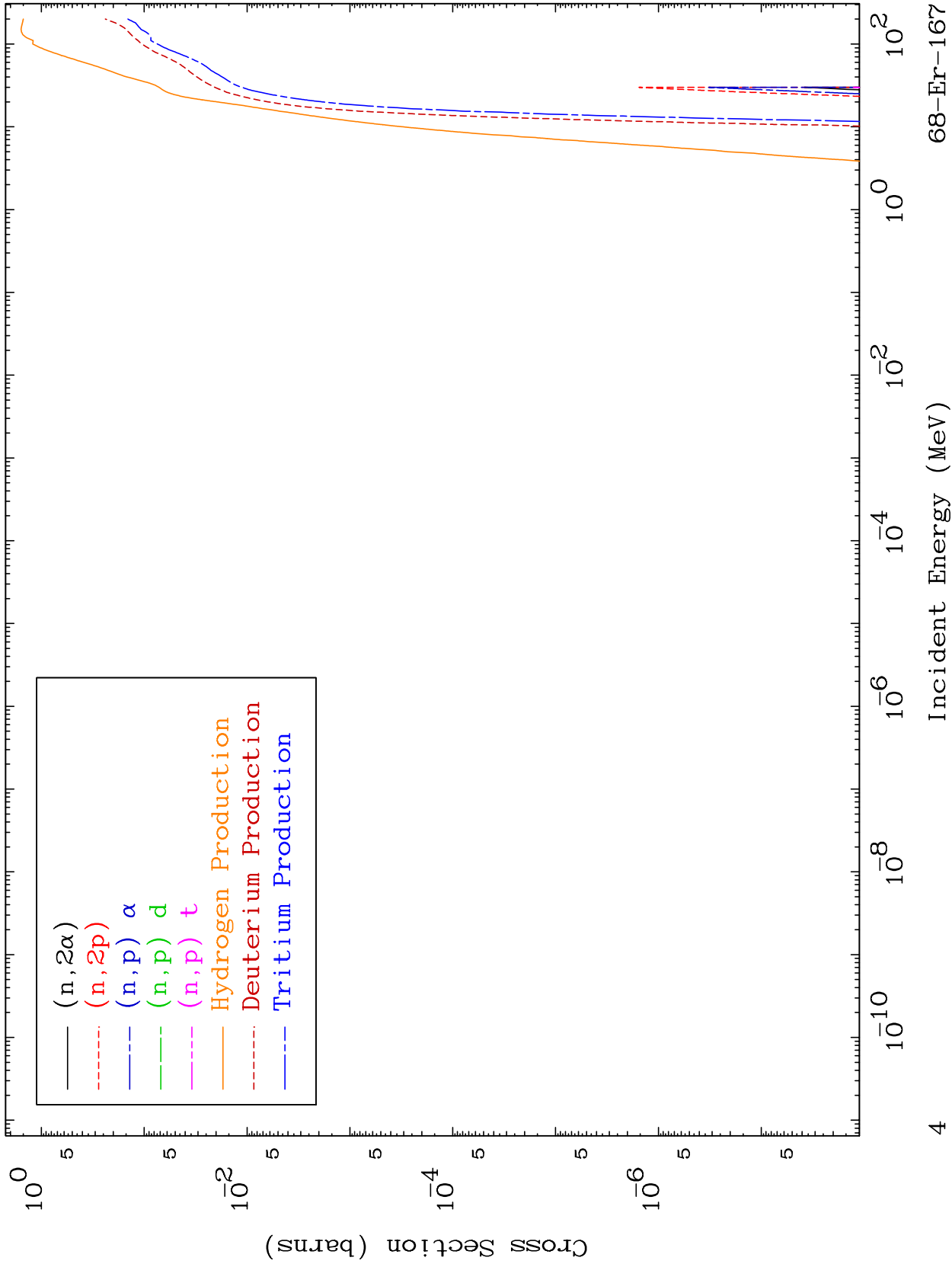
68-Er-167



MAT 6840

Neutron Absorption
293 Kelvin Cross Sections

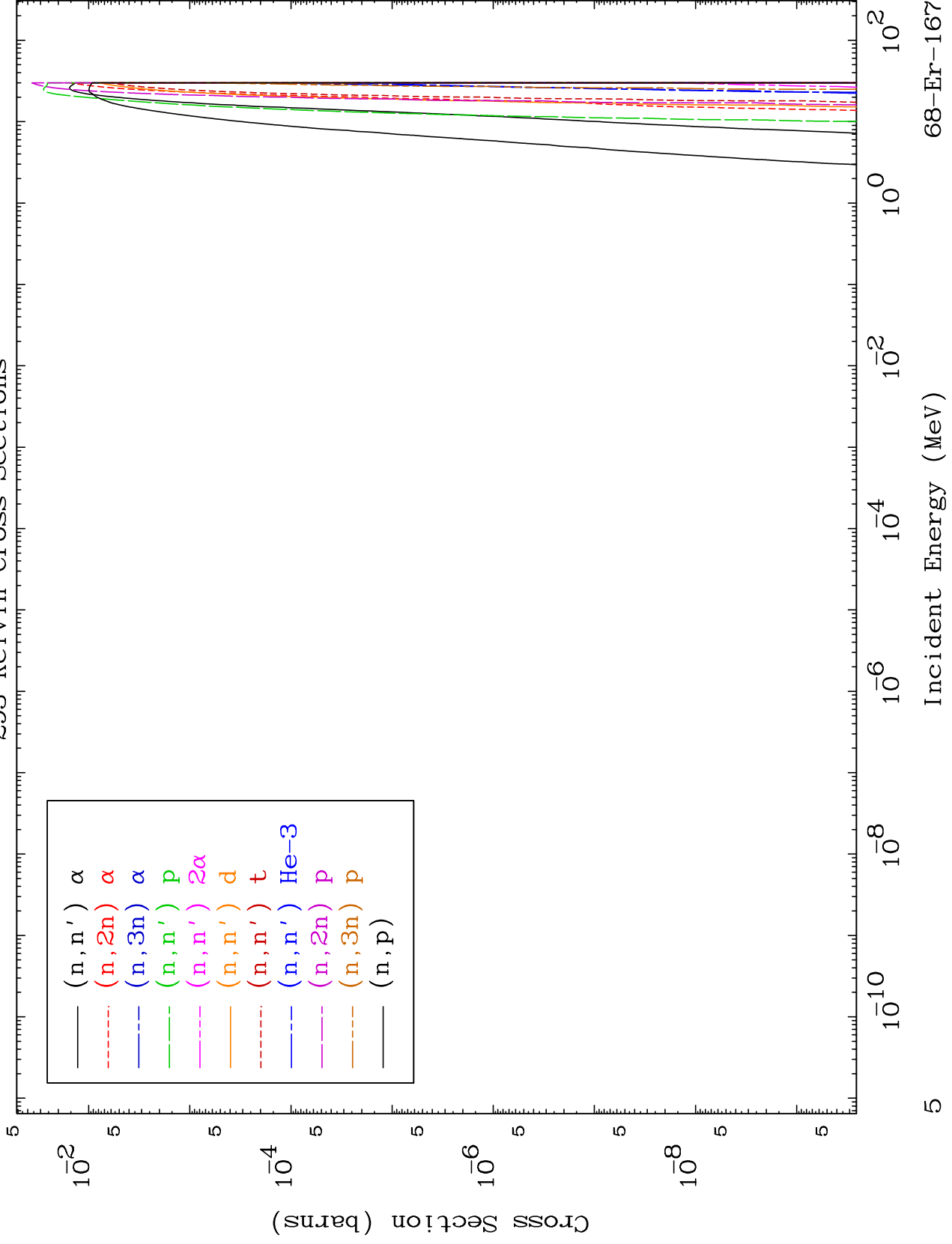
68-Er-167



MAT 6840

Charged Particle
293 Kelvin Cross Sections

68-Er-167



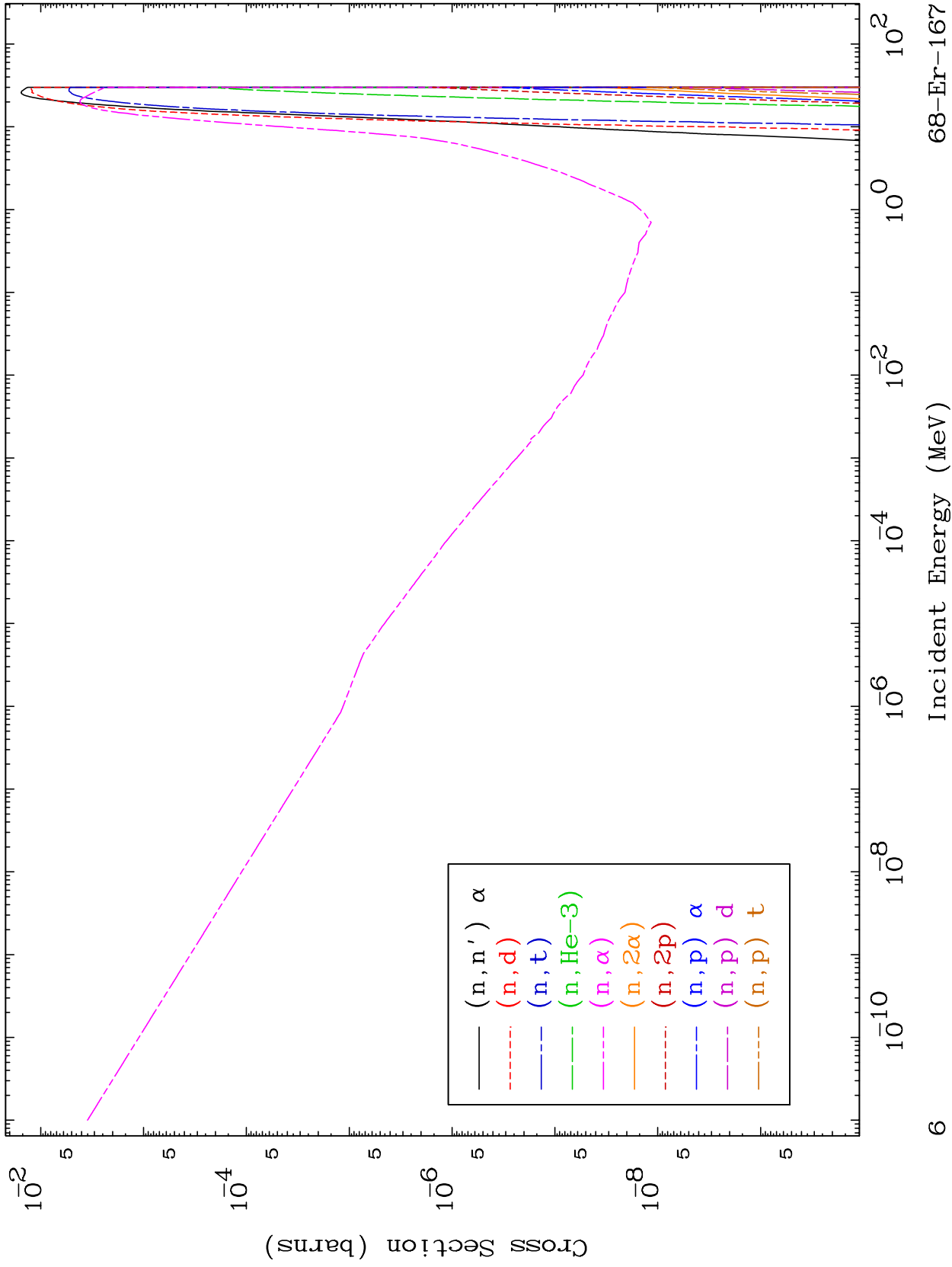
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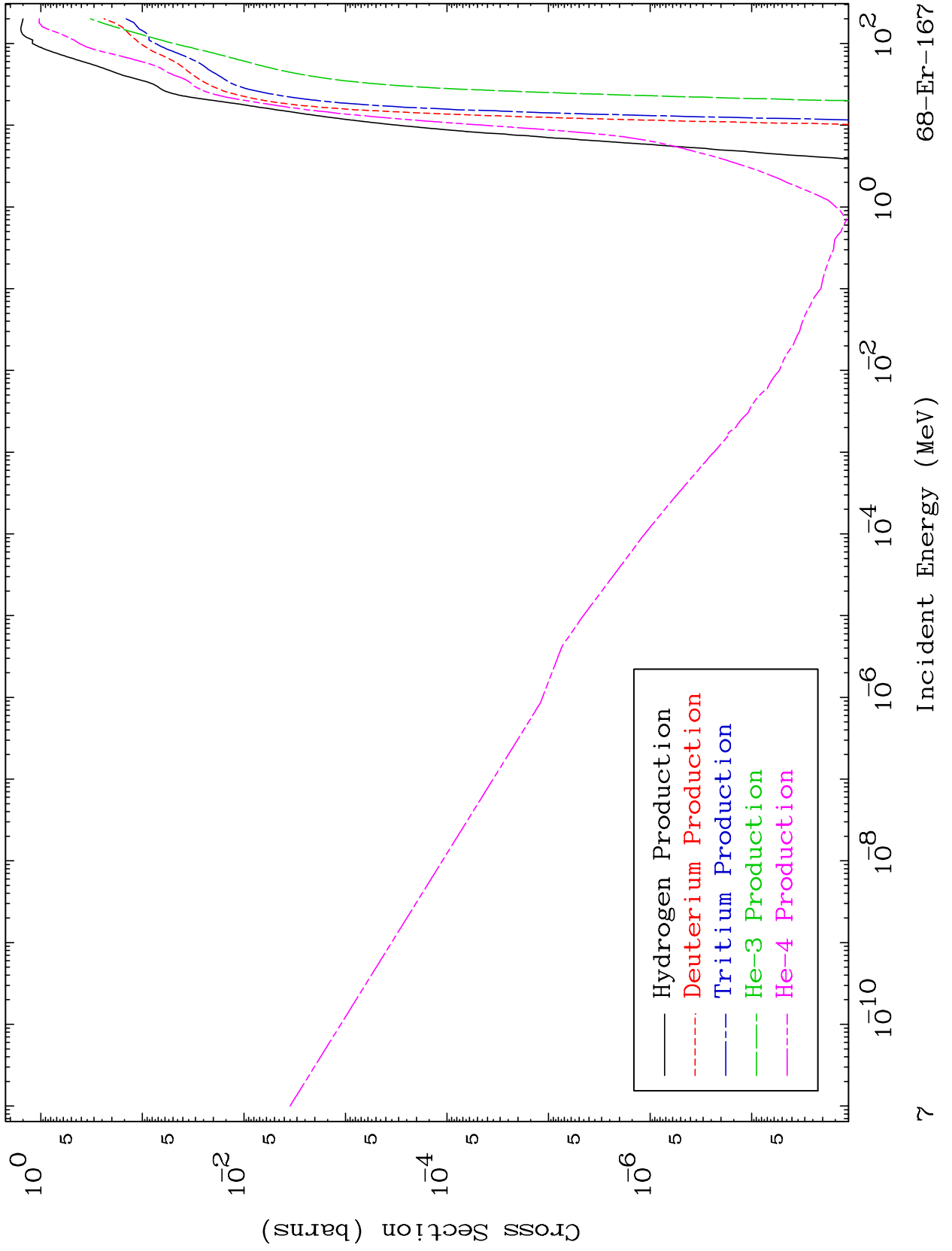
68-Er-167

MAT 6840

Charged Particle
293 Kelvin Cross Sections

68-Er-167



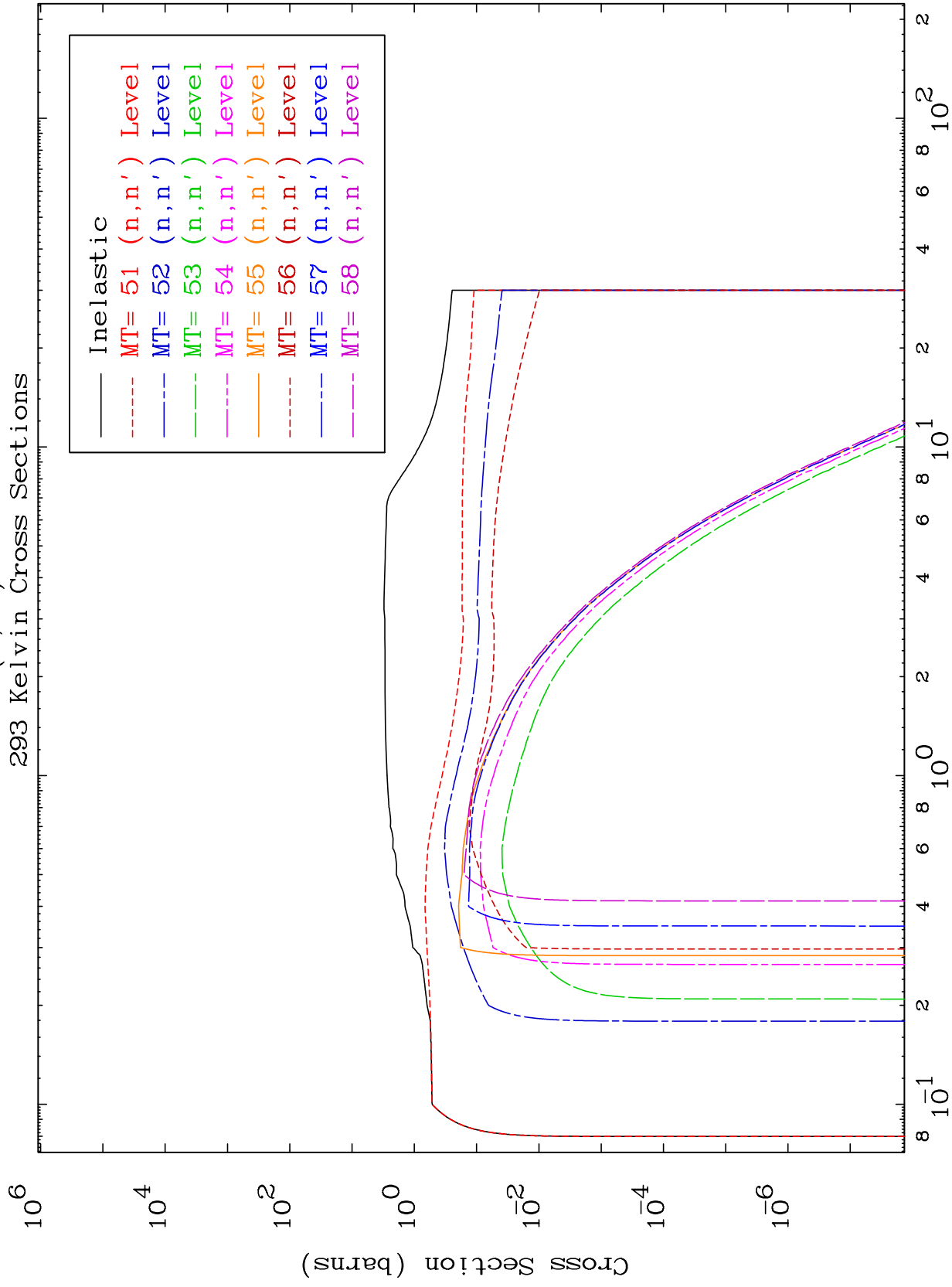


MAT 6840

(n,n') Levels

68-Er-167

293 Kelvin Cross Sections



8

Incident Energy (MeV)

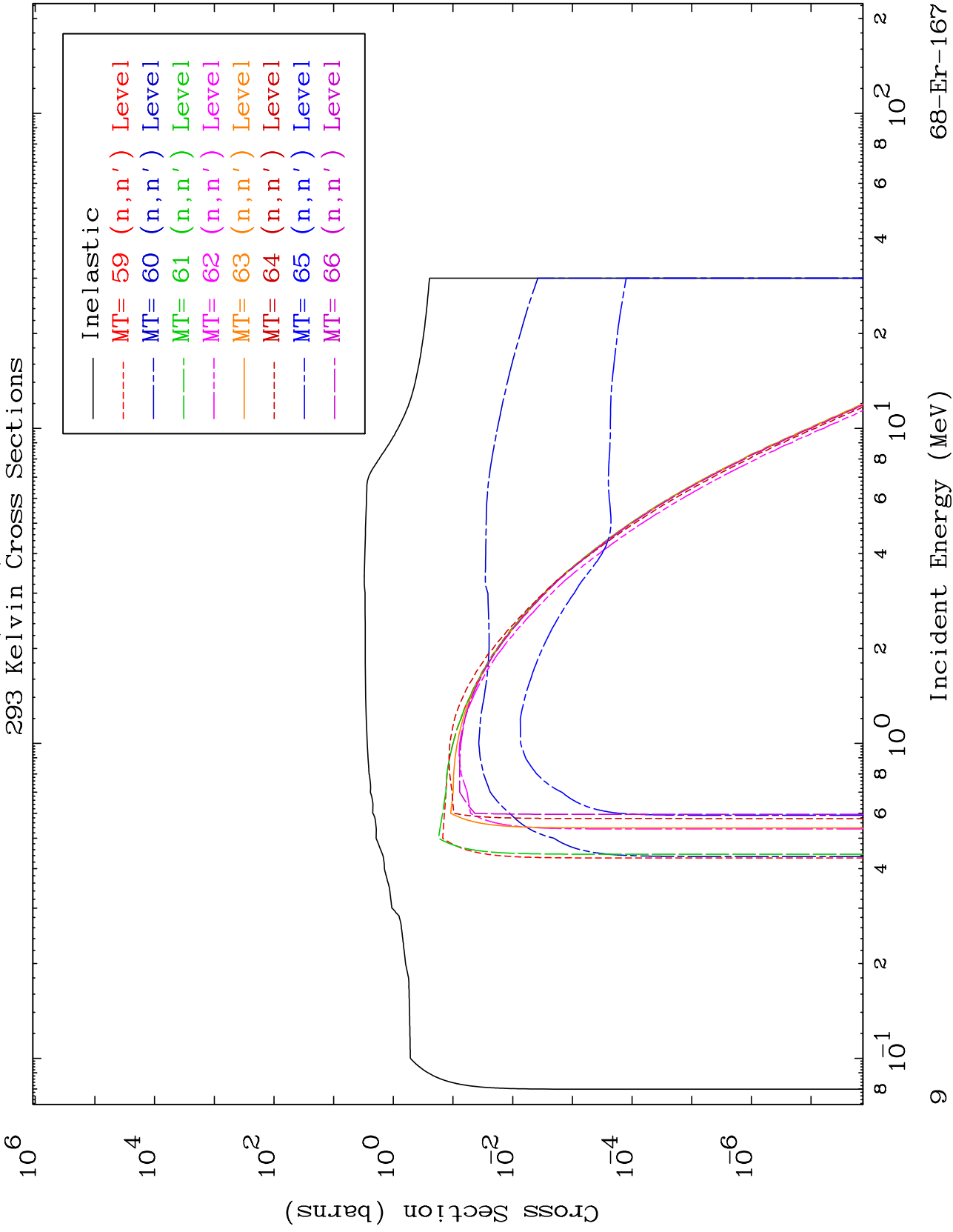
68-Er-167

MAT 6840

(n,n') Levels

293 Kelvin Cross Sections

68-Er-167



MAT 6840

(n,n') Levels

68-Er-167

293 Kelvin Cross Sections

10^6

10^4

10^2

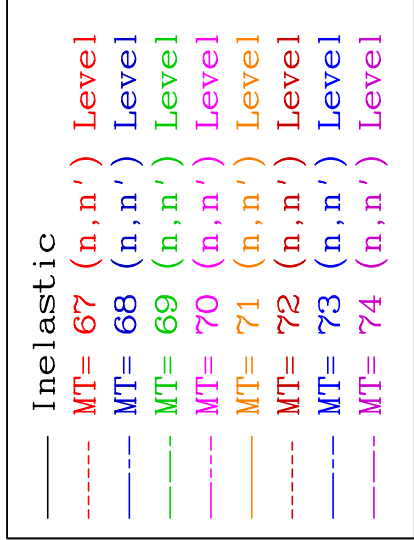
10^0

10^{-2}

10^{-4}

10^{-6}

Cross Section (barns)



8 10^{-1}

2

4

6

8

10^0

2

4

6

8

10^1

2

4

6

8

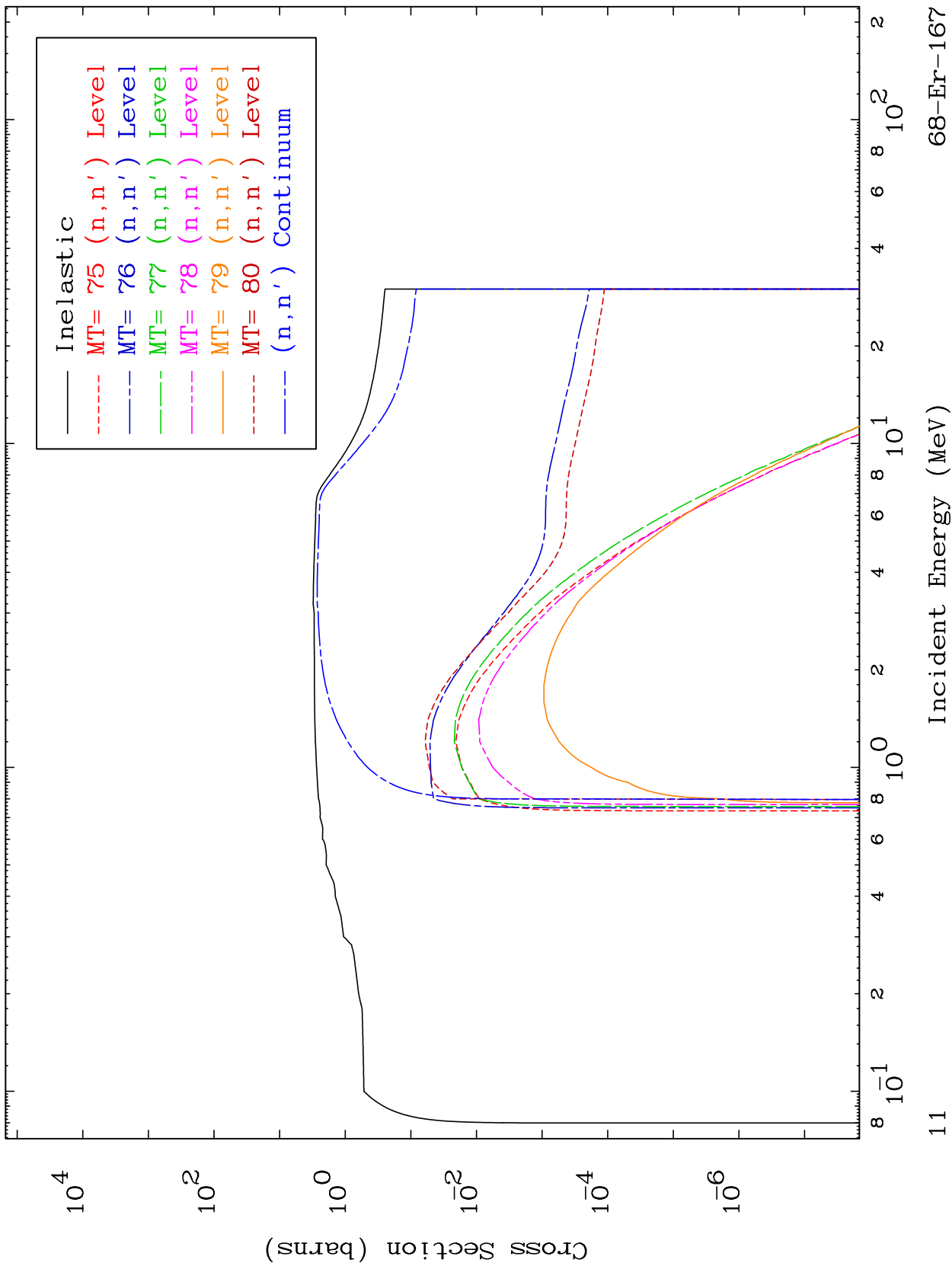
10^2

2

10

Incident Energy (MeV)

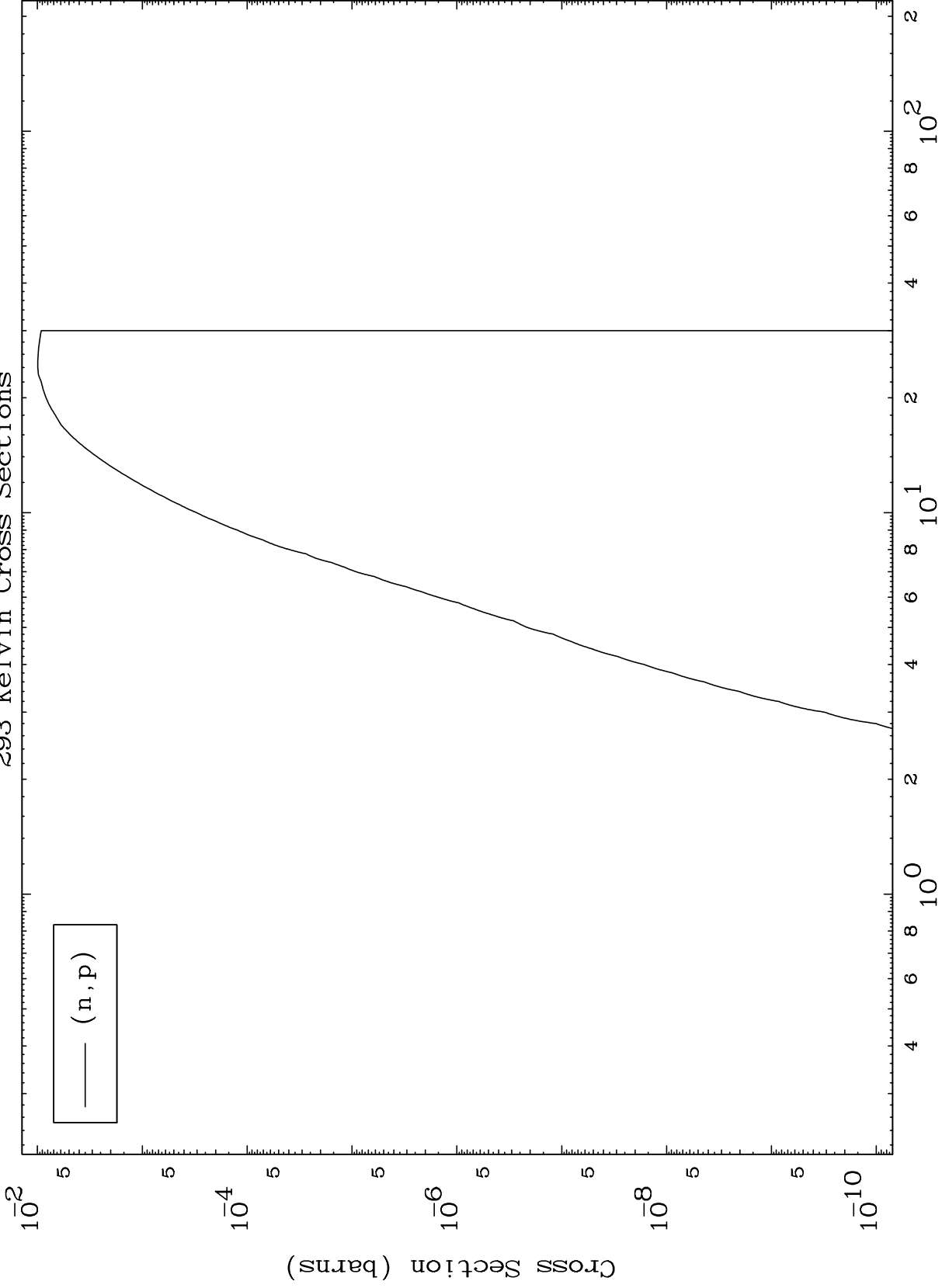
68-Er-167



MAT 6840

(n,p) Levels
293 Kelvin Cross Sections

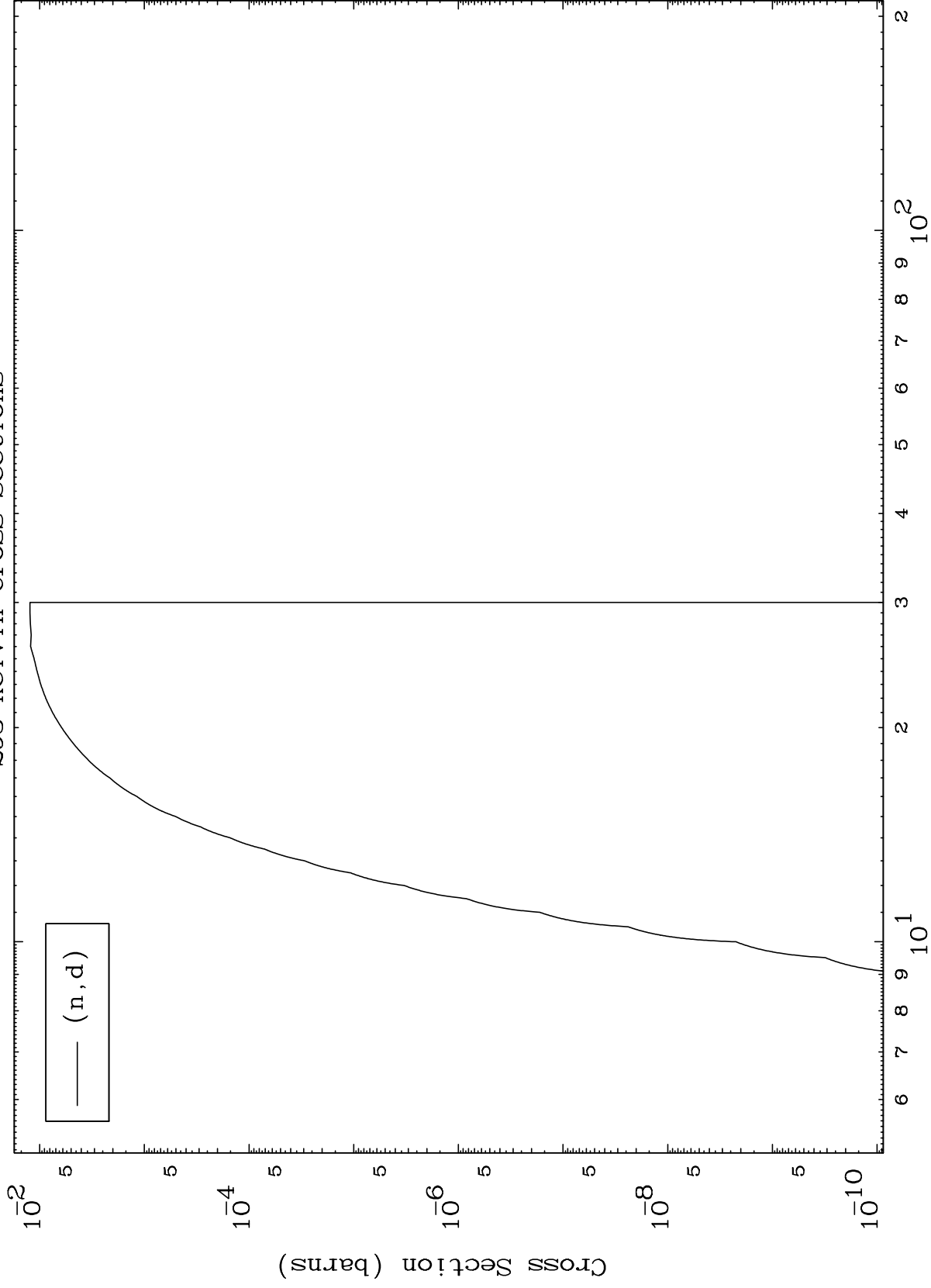
68-Er-167



MAT 6840

(n,d) Levels
293 Kelvin Cross Sections

68-Er-167



13

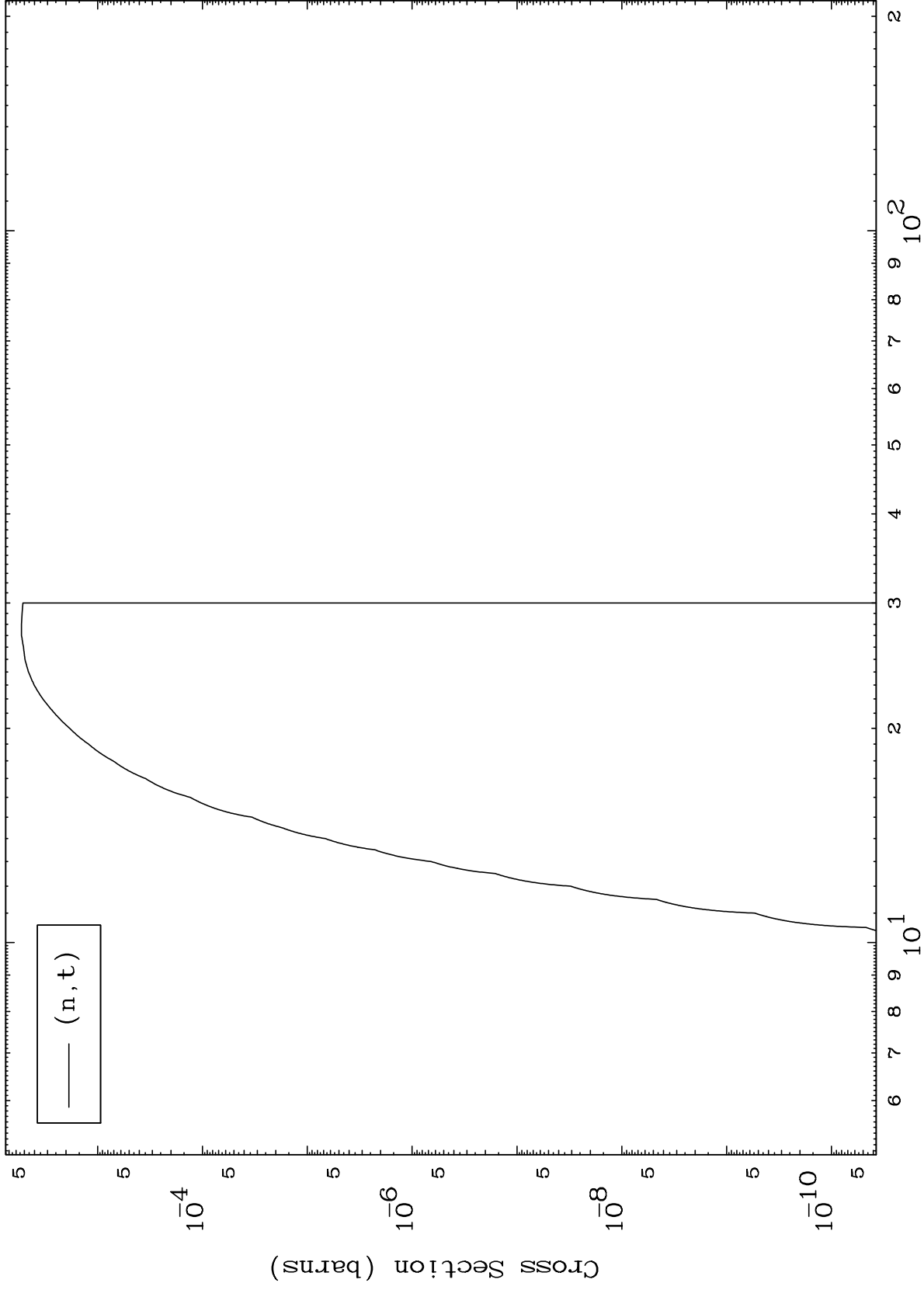
Incident Energy (MeV)

68-Er-167

MAT 6840

(n,t) Levels
293 Kelvin Cross Sections

68-Er-167



14

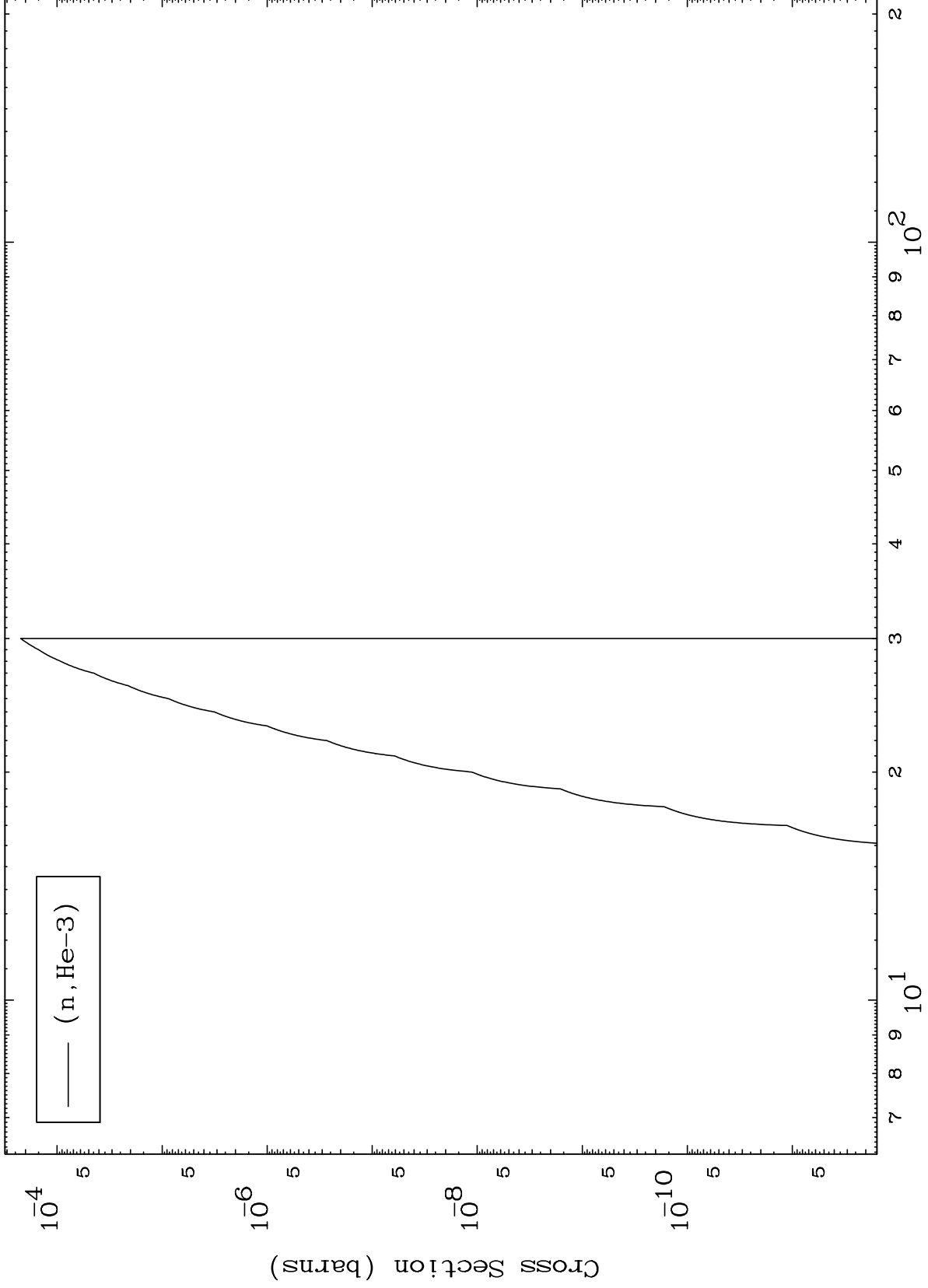
Incident Energy (MeV)

68-Er-167

MAT 6840

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-167



15

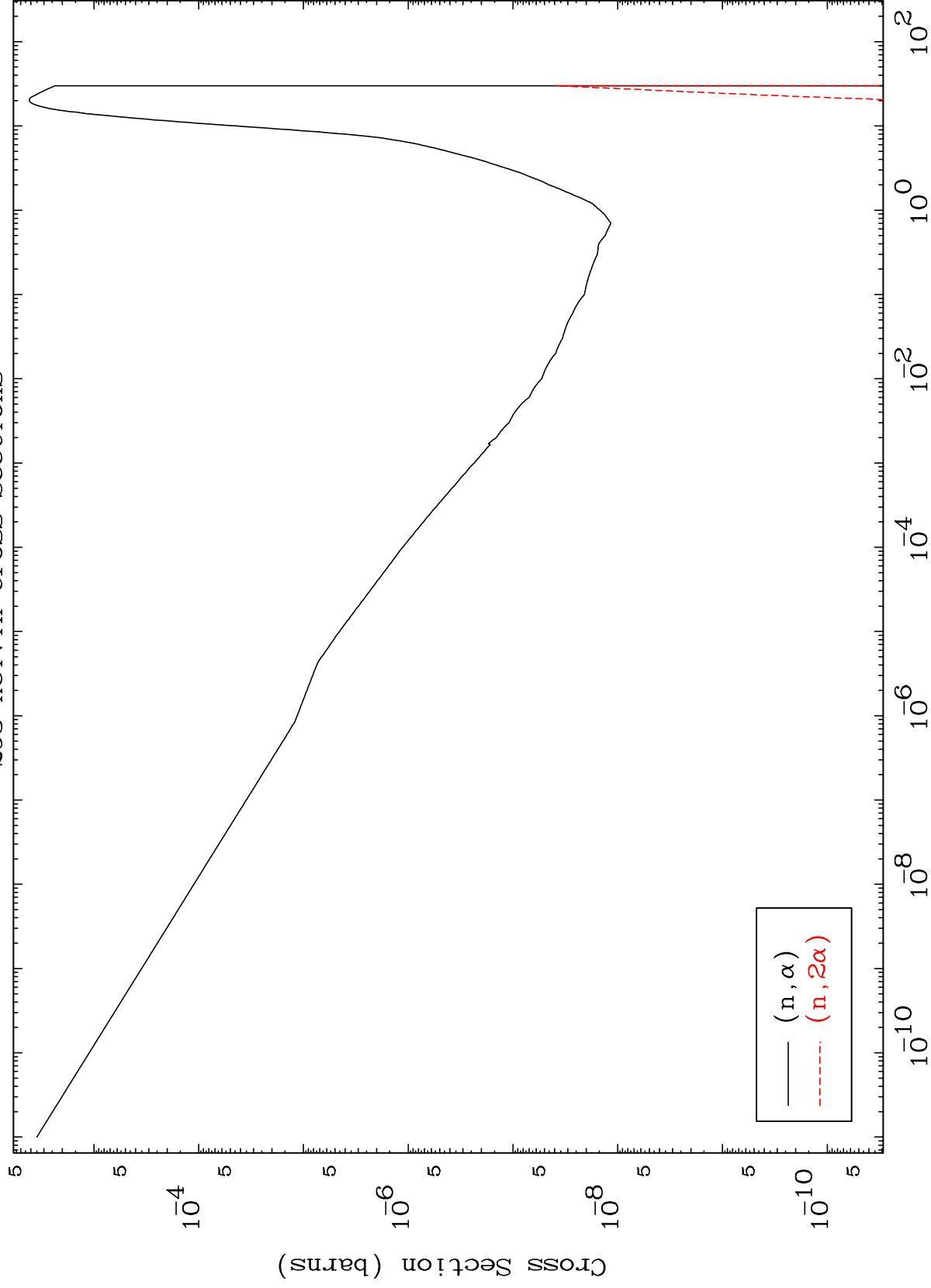
Incident Energy (MeV)

68-Er-167

MAT 6840

(n,α) Levels
293 Kelvin Cross Sections

68-Er-167



16

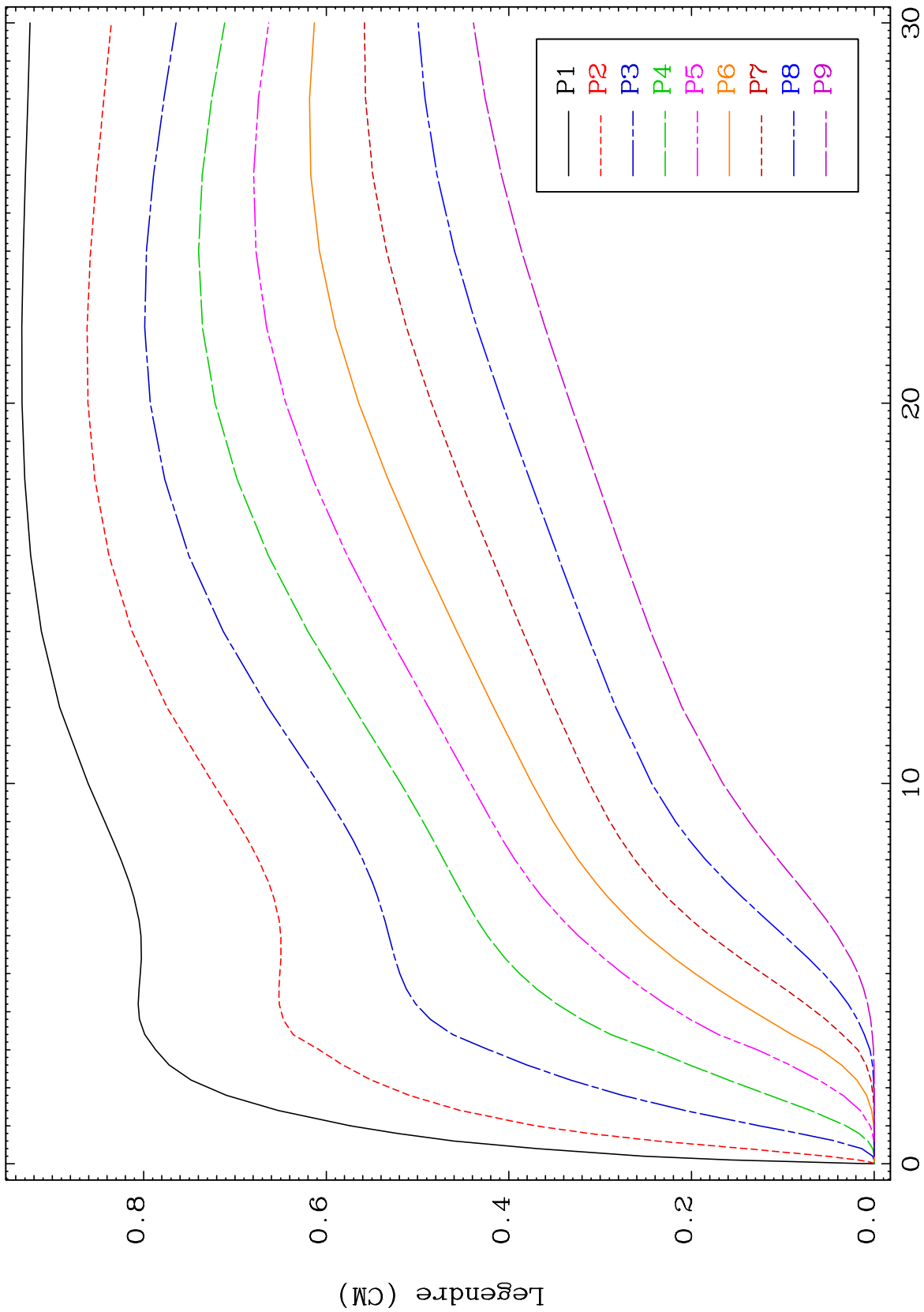
Incident Energy (MeV)

68-Er-167

MAT 6840

68-Er-167

Elastic Legendre Coefficients



17

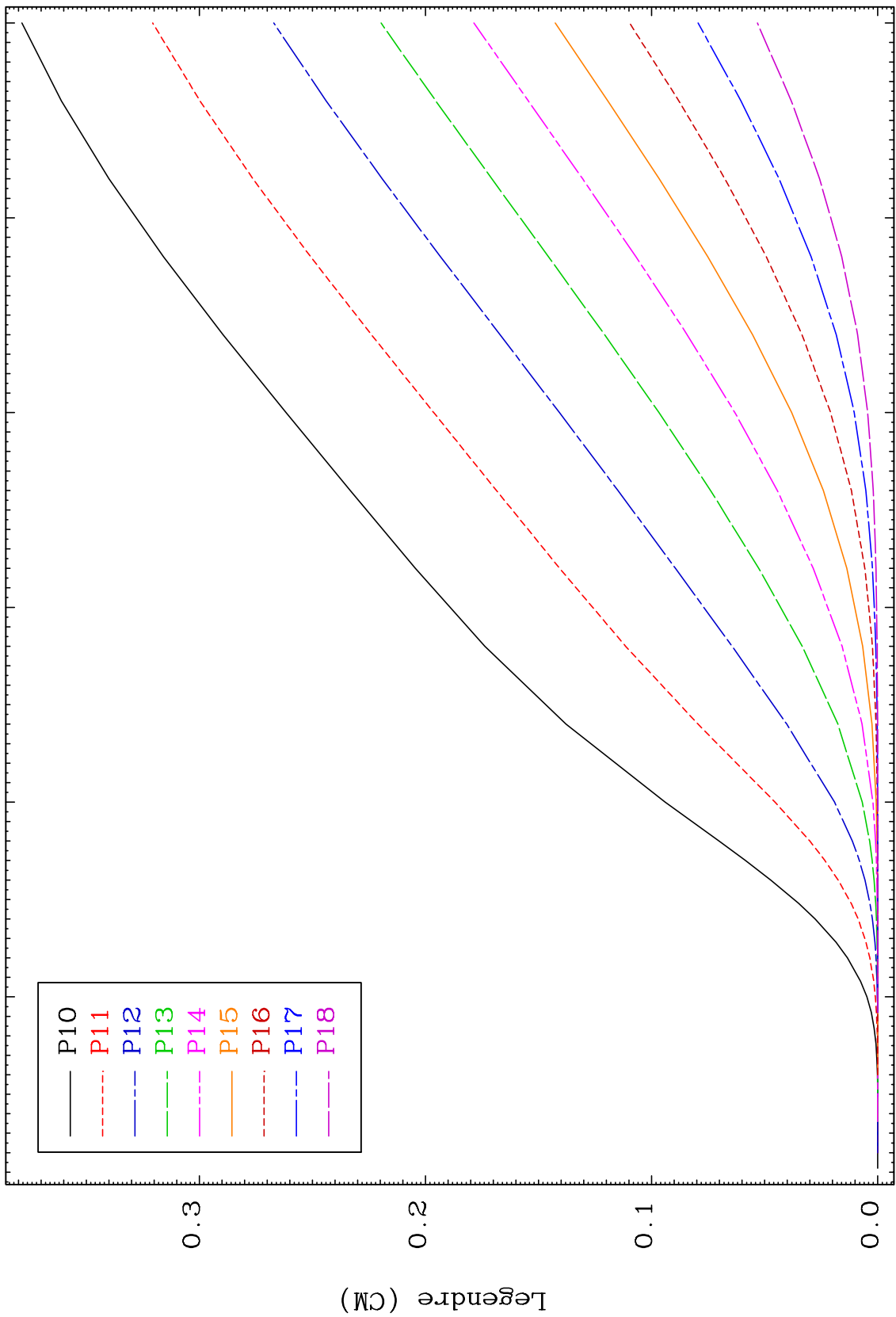
Incident Energy (MeV)

68-Er-167

MAT 6840

Elastic Legendre Coefficients

68-Er-167



18

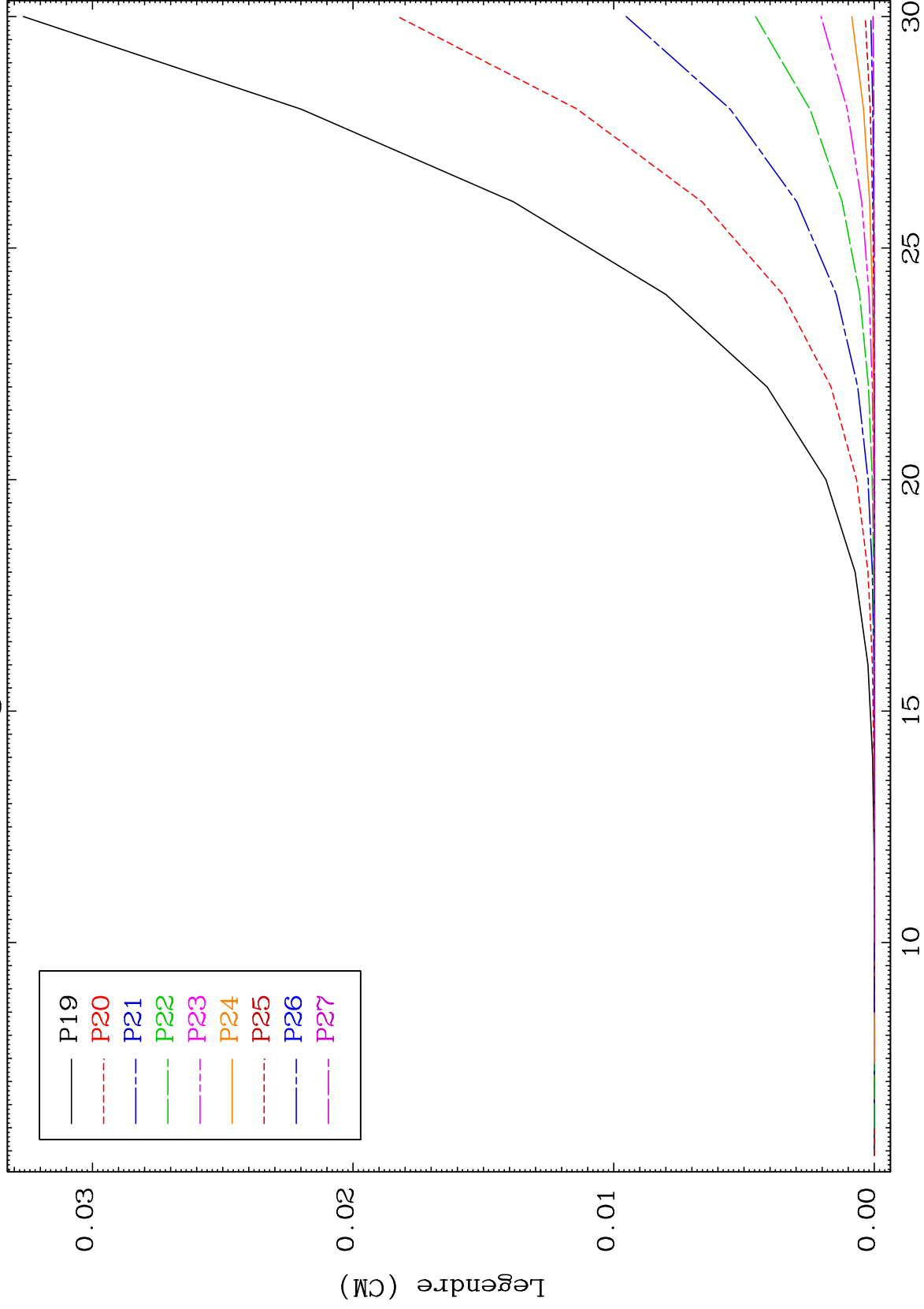
Incident Energy (MeV)

68-Er-167

MAT 6840

Elastic Legendre Coefficients

68-Er-167



19

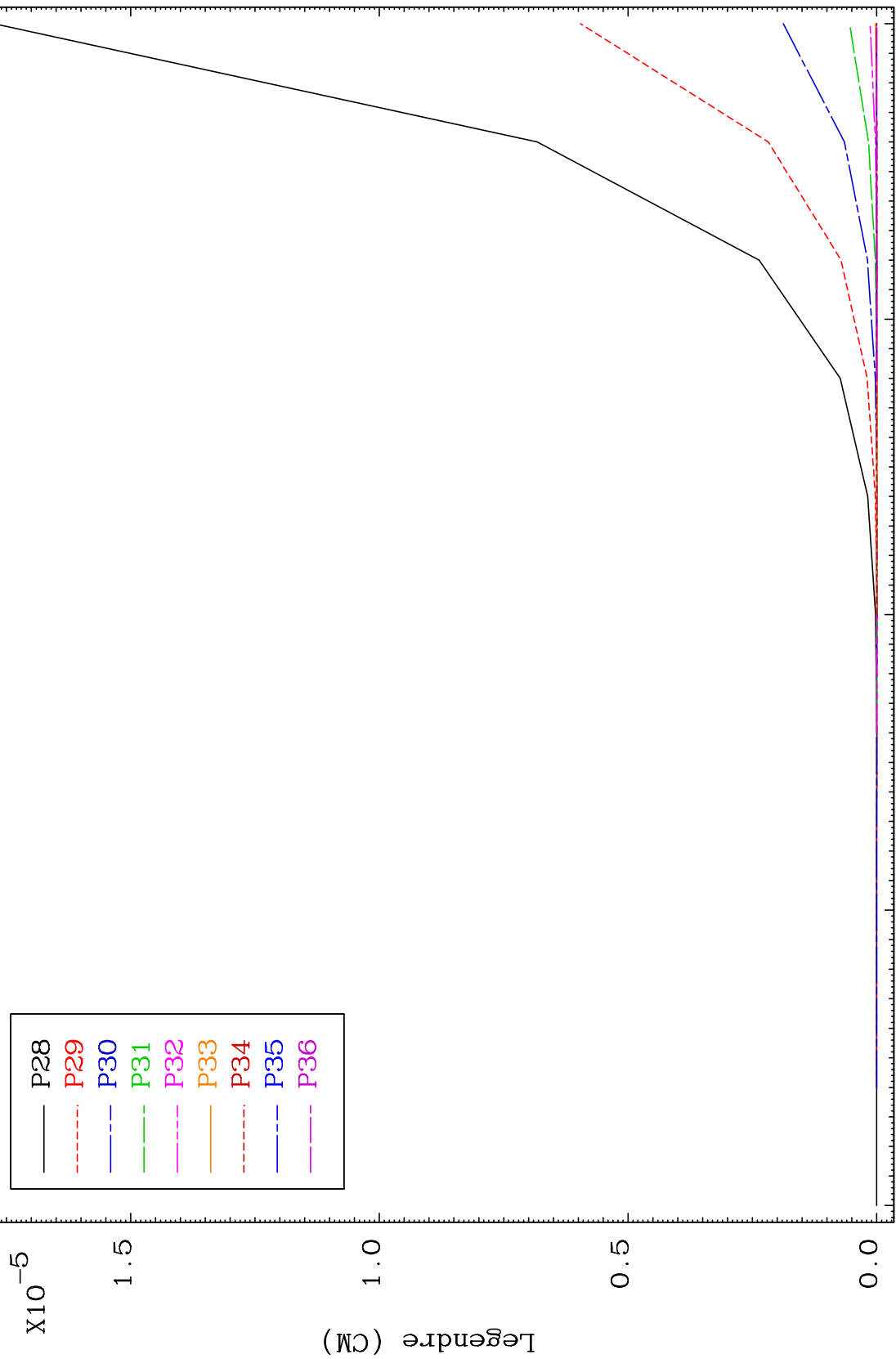
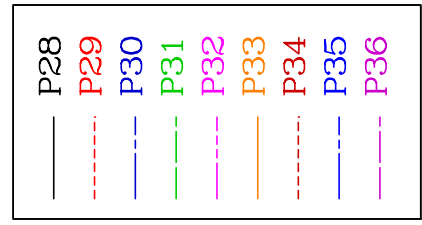
Incident Energy (MeV)

68-Er-167

MAT 6840

Elastic Legendre Coefficients

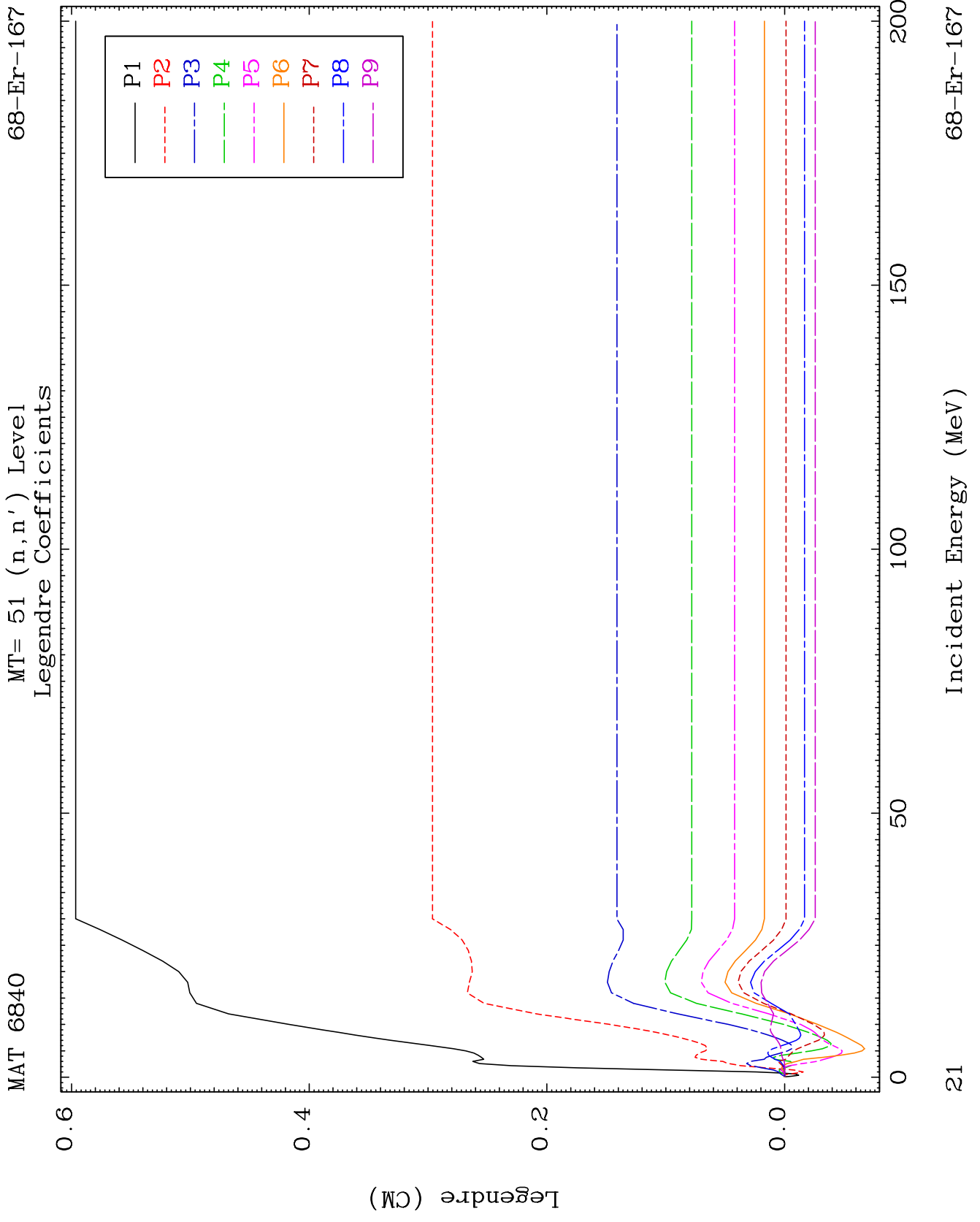
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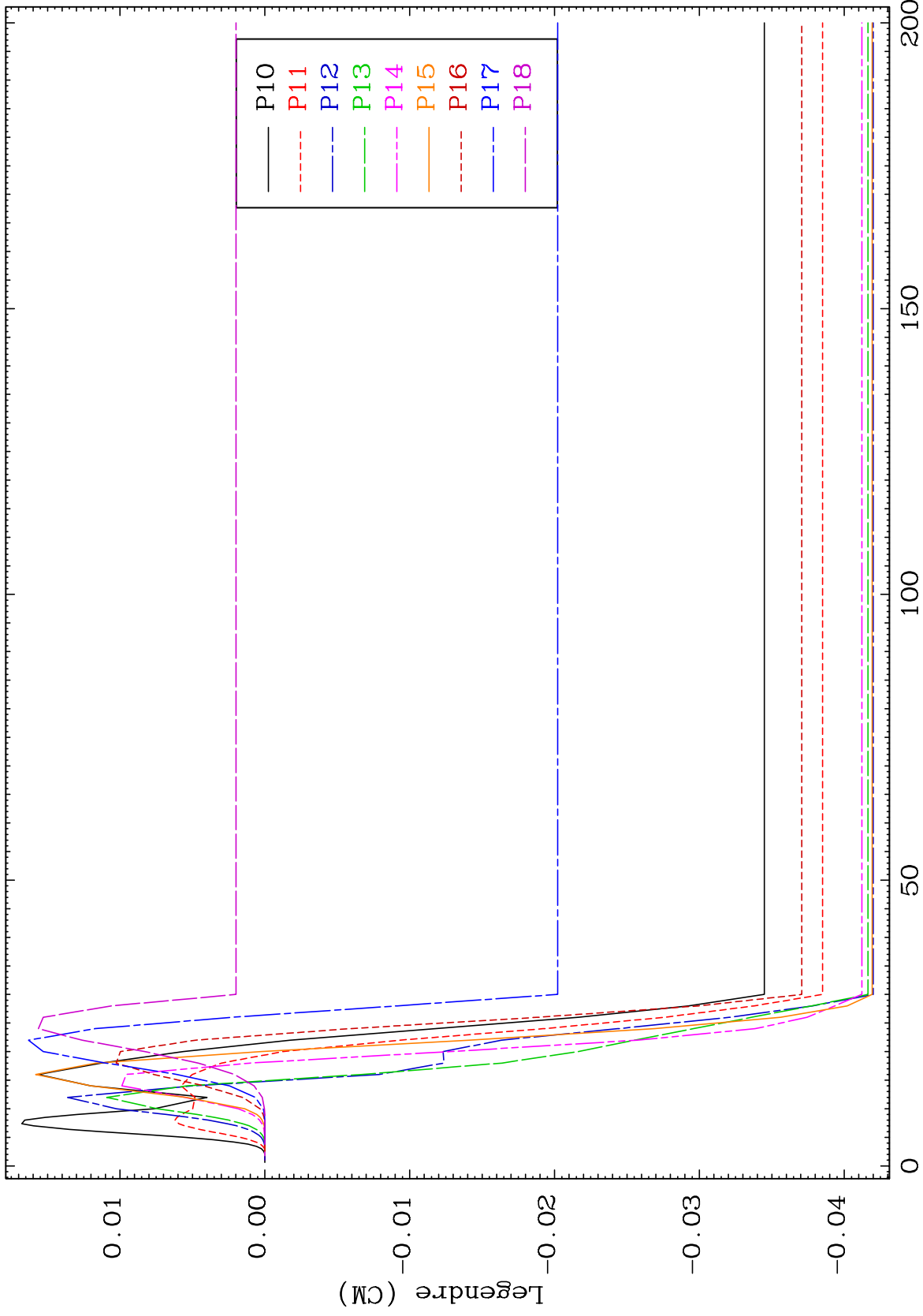


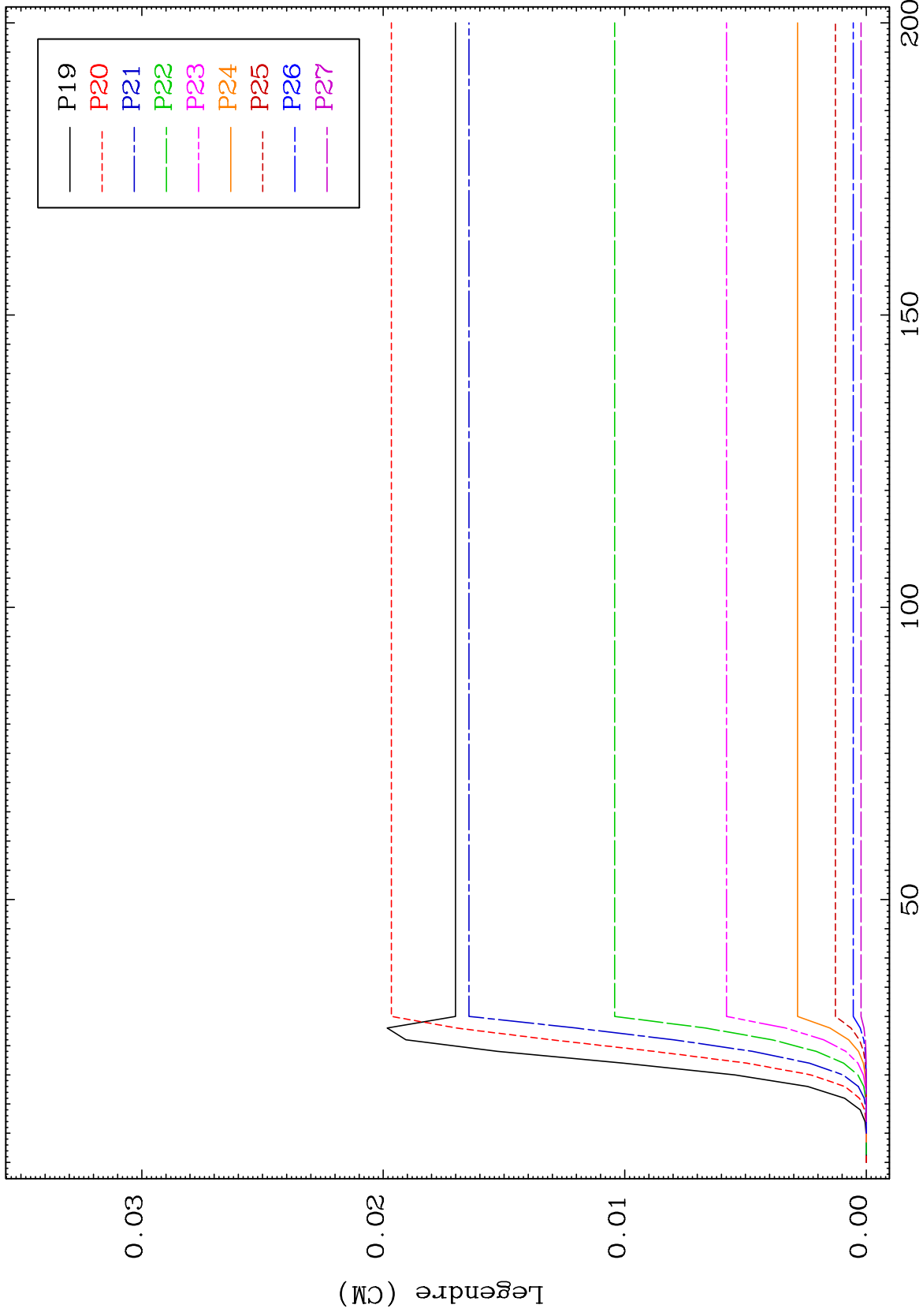
68-Er-167

Incident Energy (MeV)

20



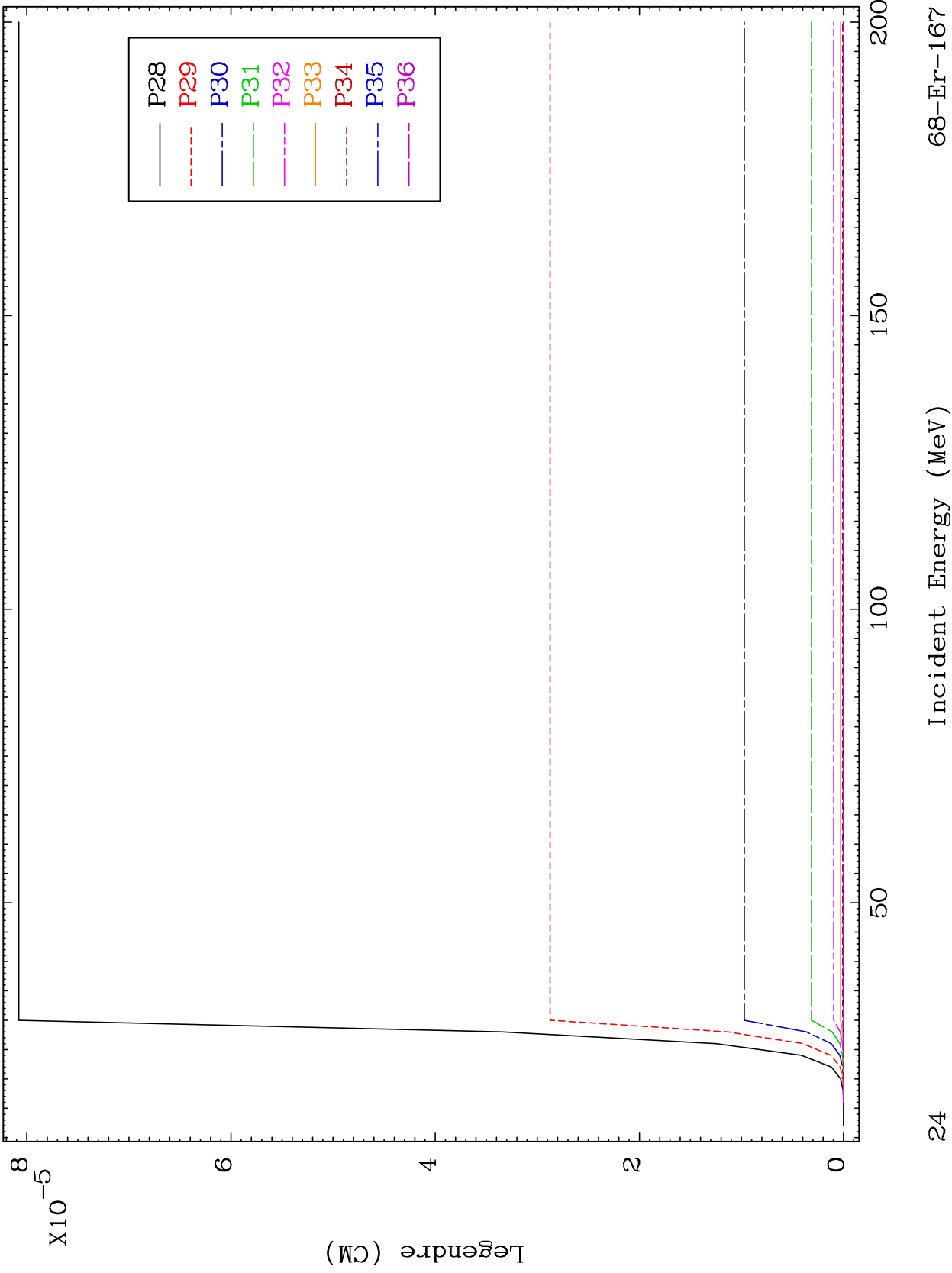




MAT 6840

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

68-Er-167



24

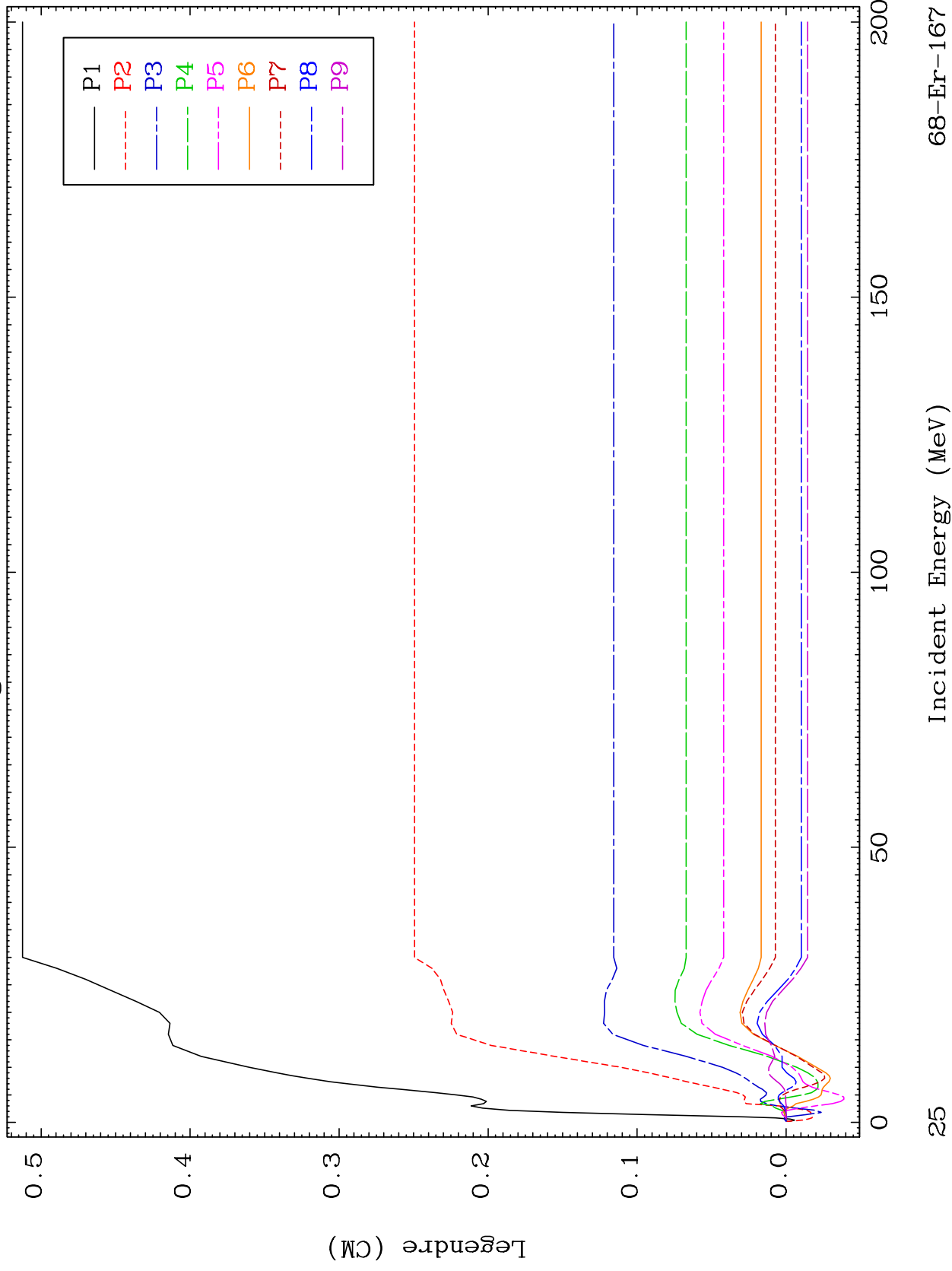
Incident Energy (MeV)

68-Er-167

MAT 6840

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

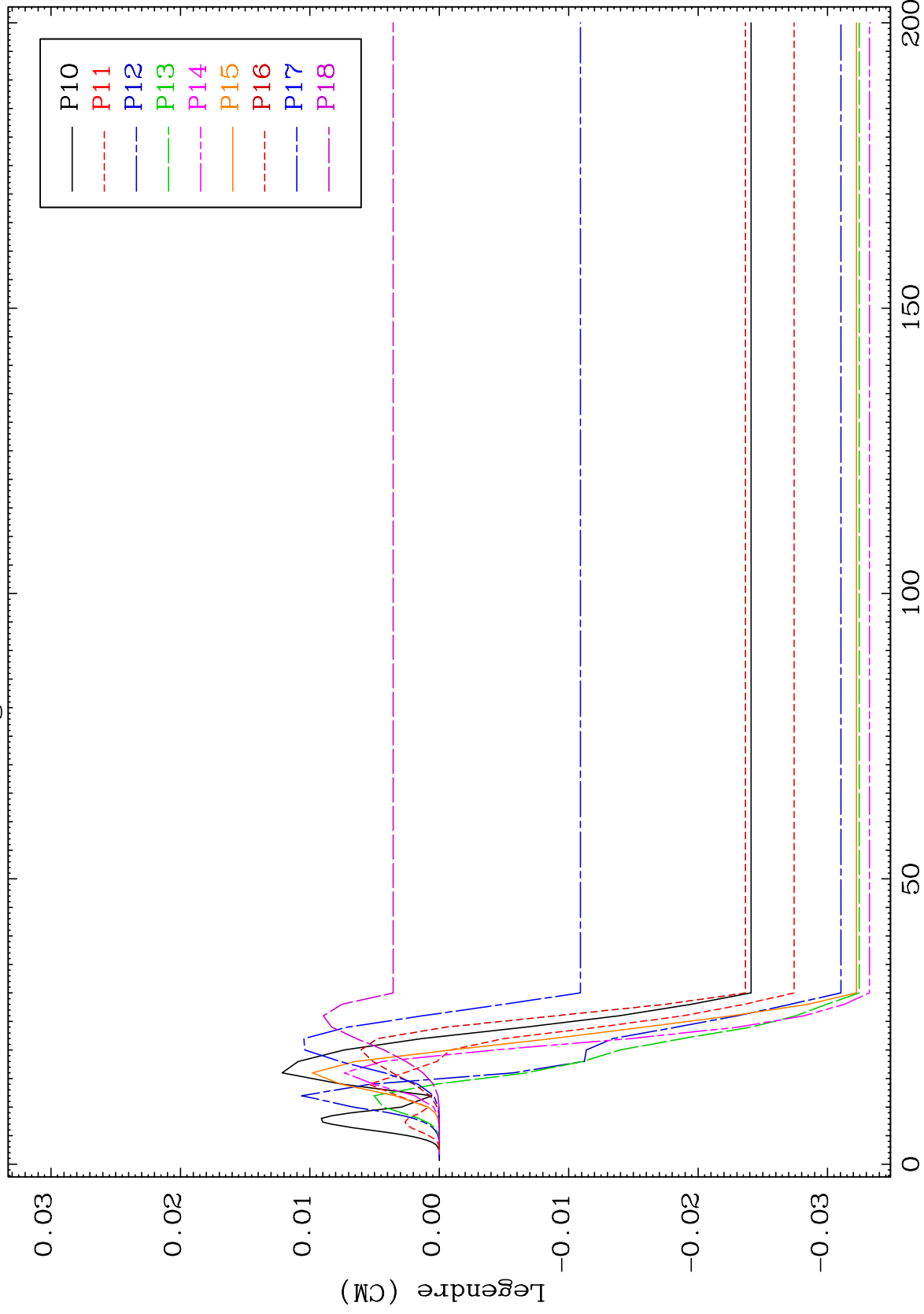
68-Er-167



68-Er-167

Incident Energy (MeV)

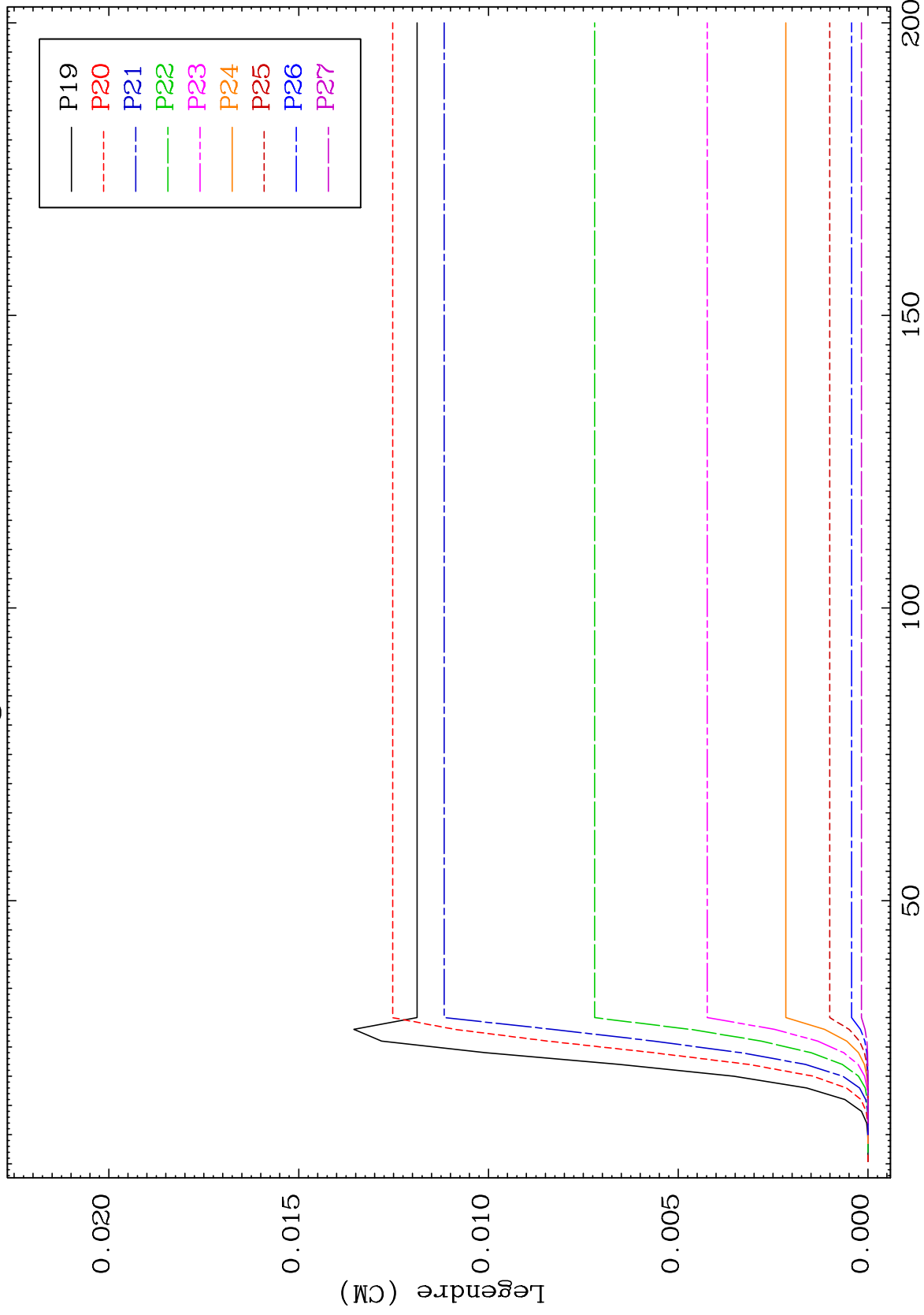
25



MAT 6840

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

68-Er-167



27

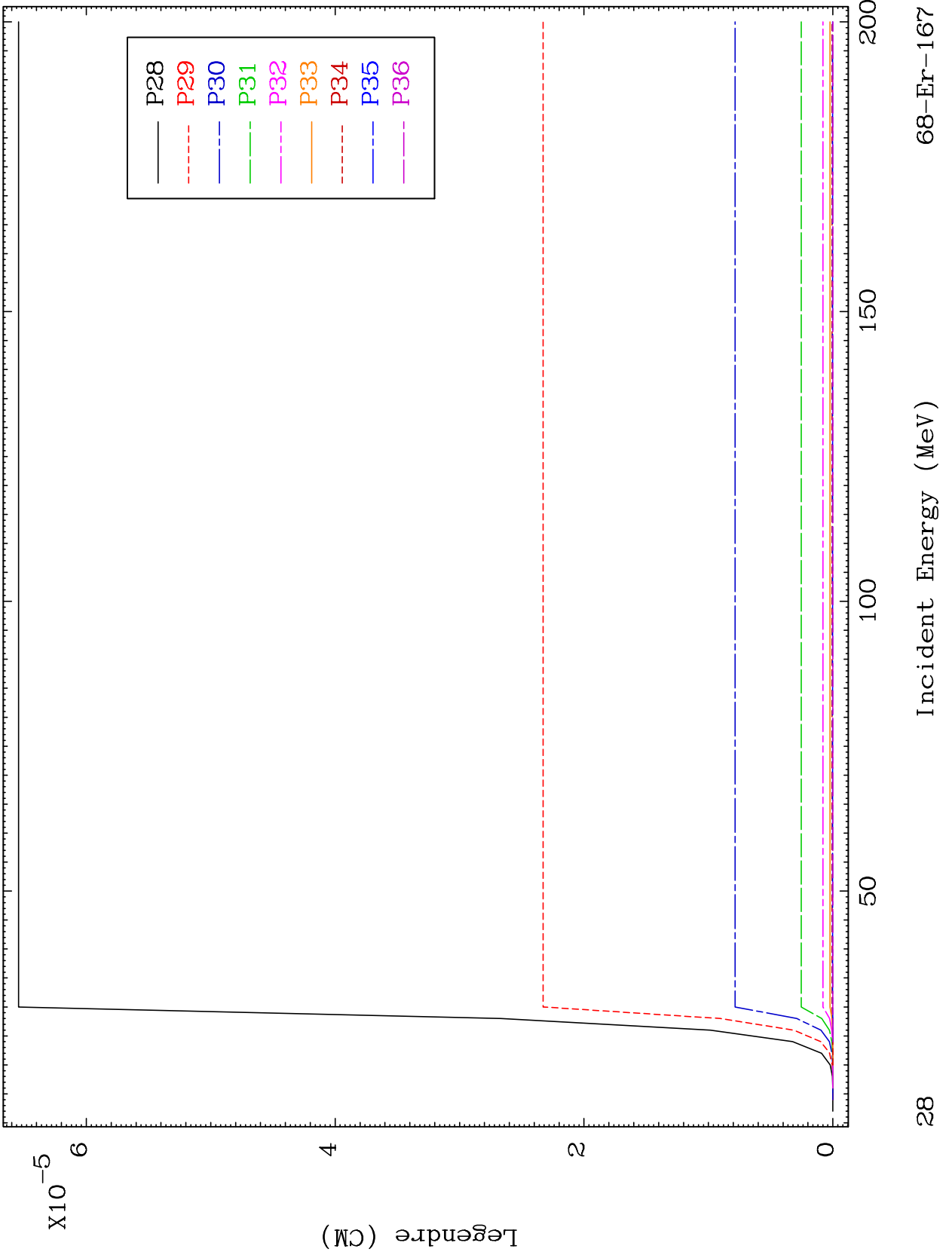
Incident Energy (MeV)

68-Er-167

MAT 6840

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

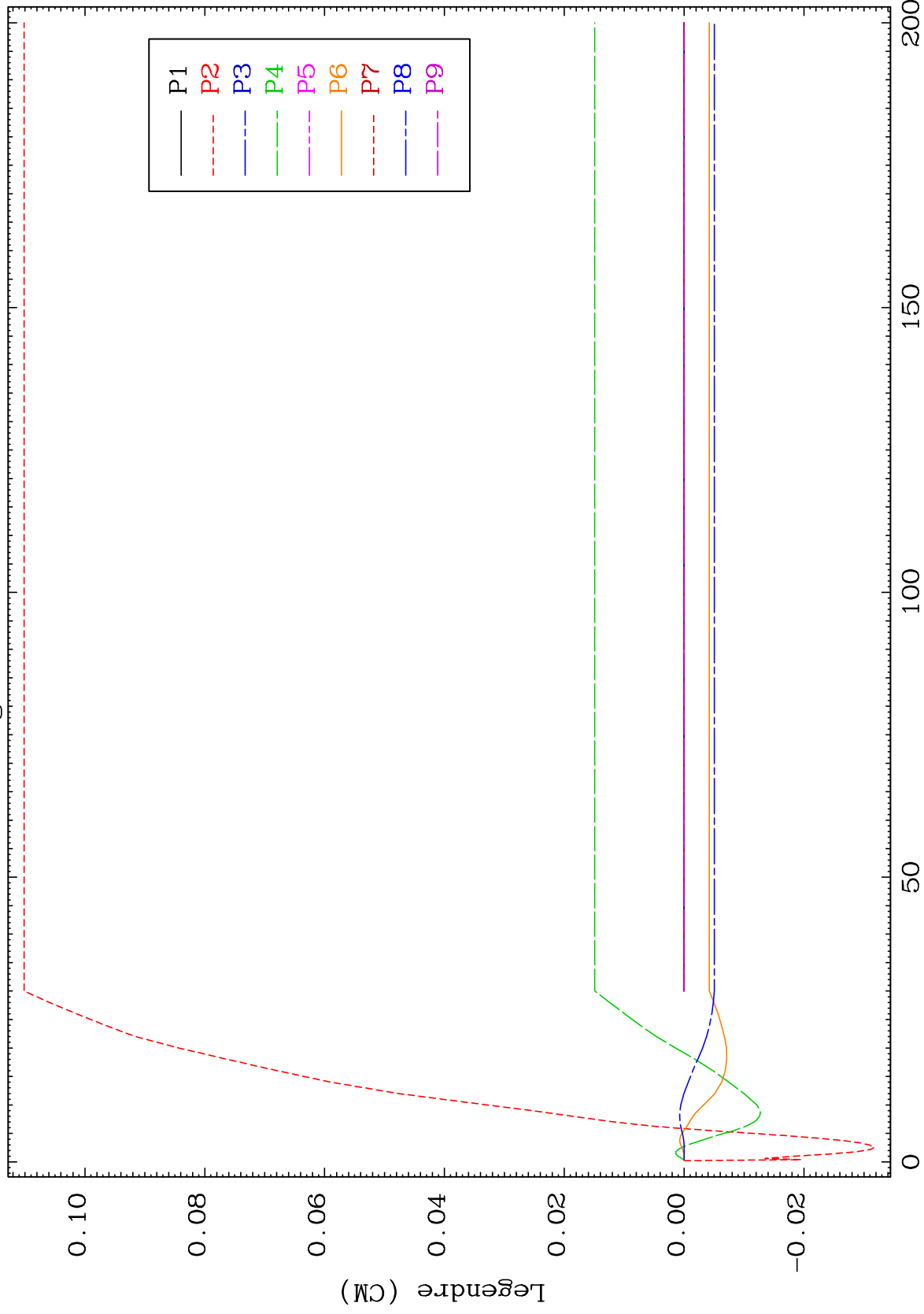
68-Er-167



MAT 6840

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

68-Er-167



29

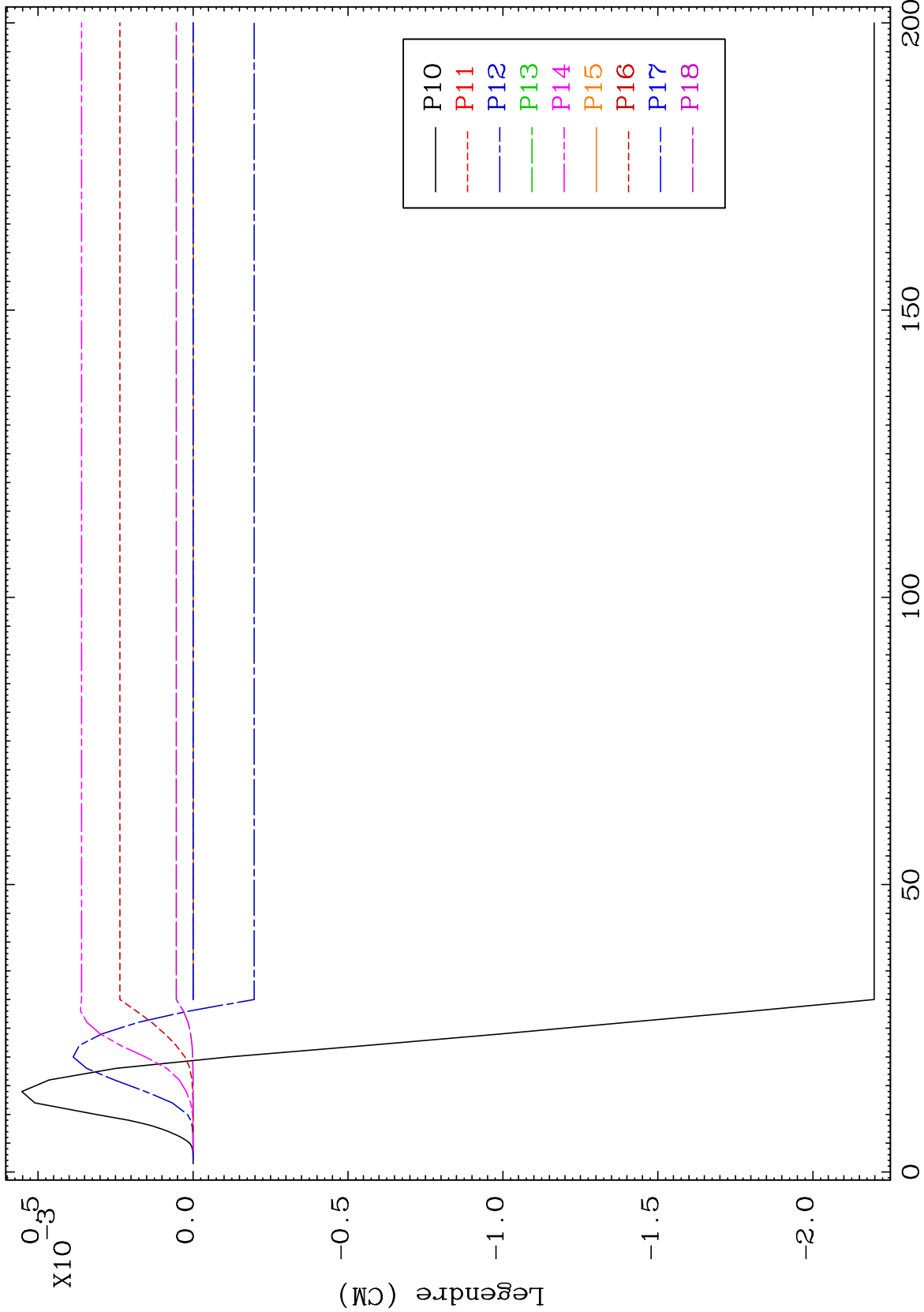
68-Er-167

68-Er-167

MAT 6840

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

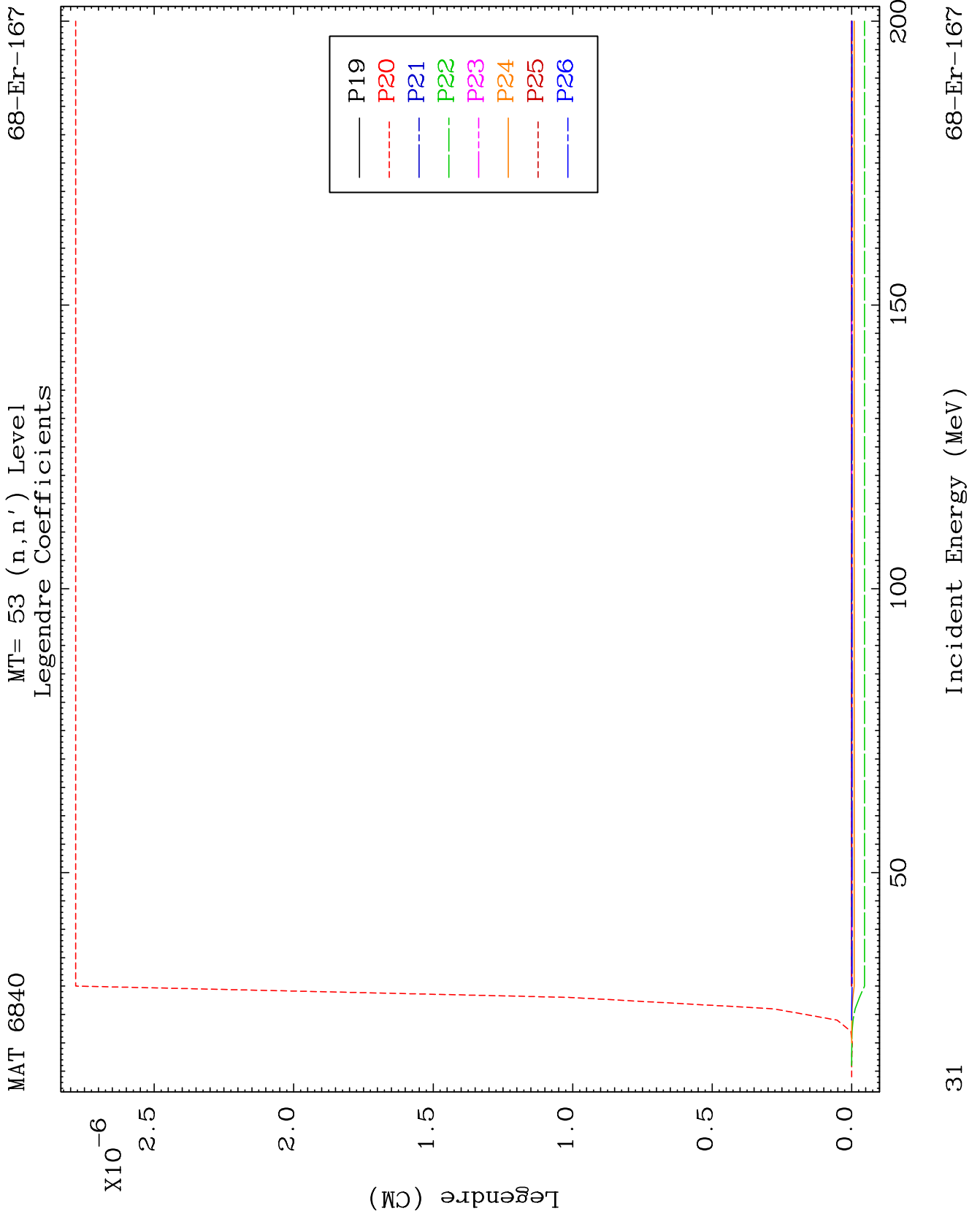
68-Er-167



30

Incident Energy (MeV)

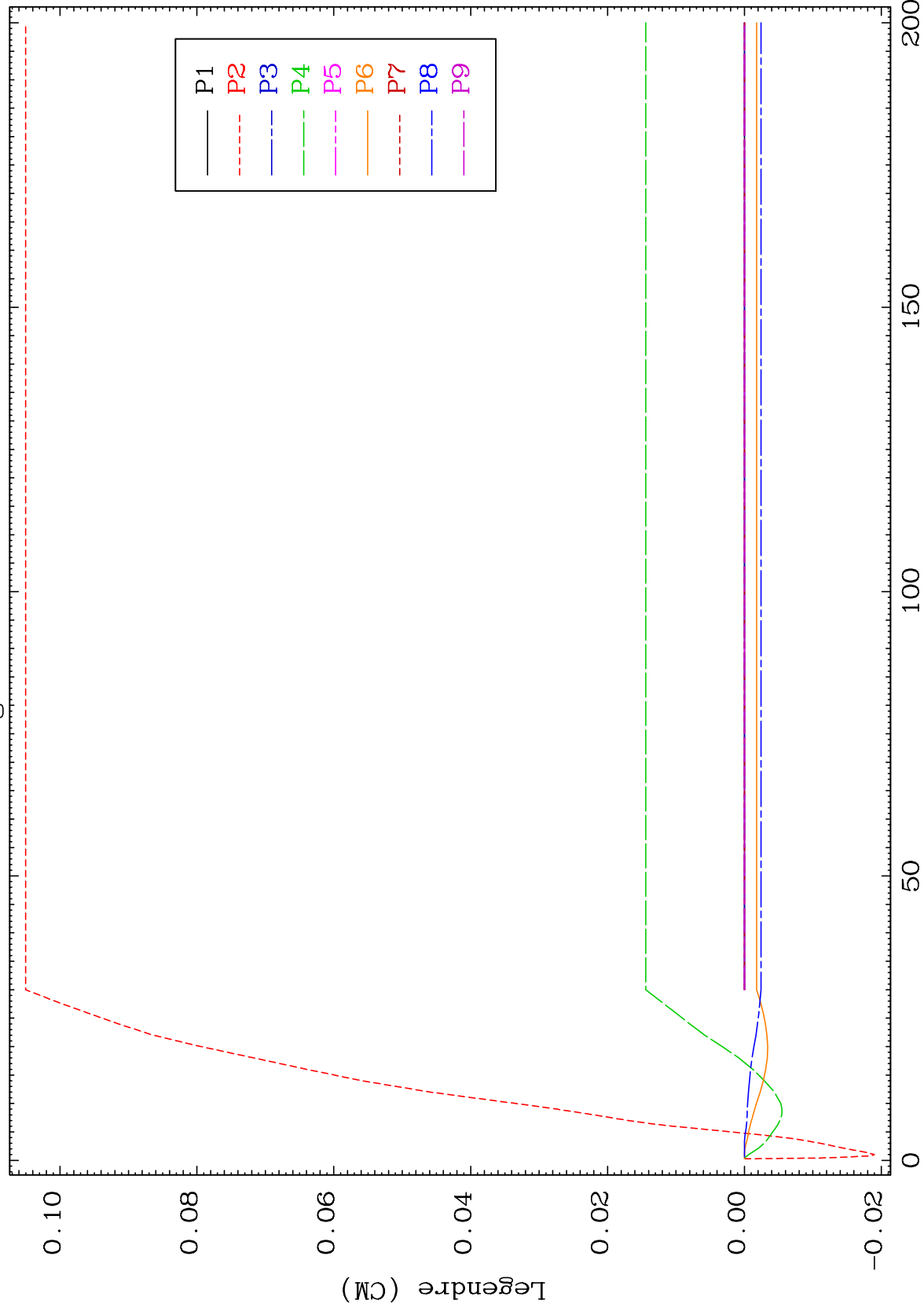
68-Er-167



MAT 6840

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

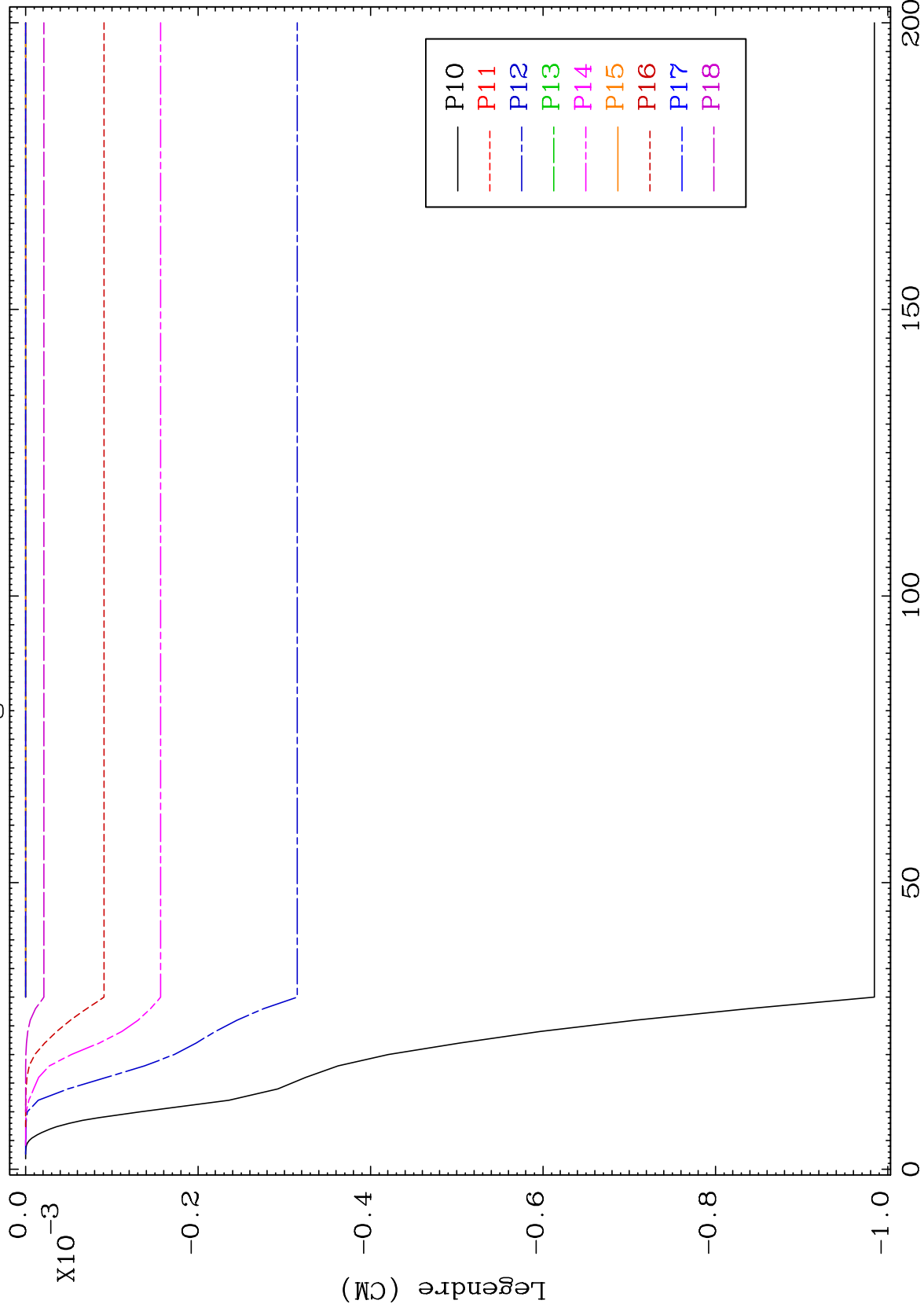
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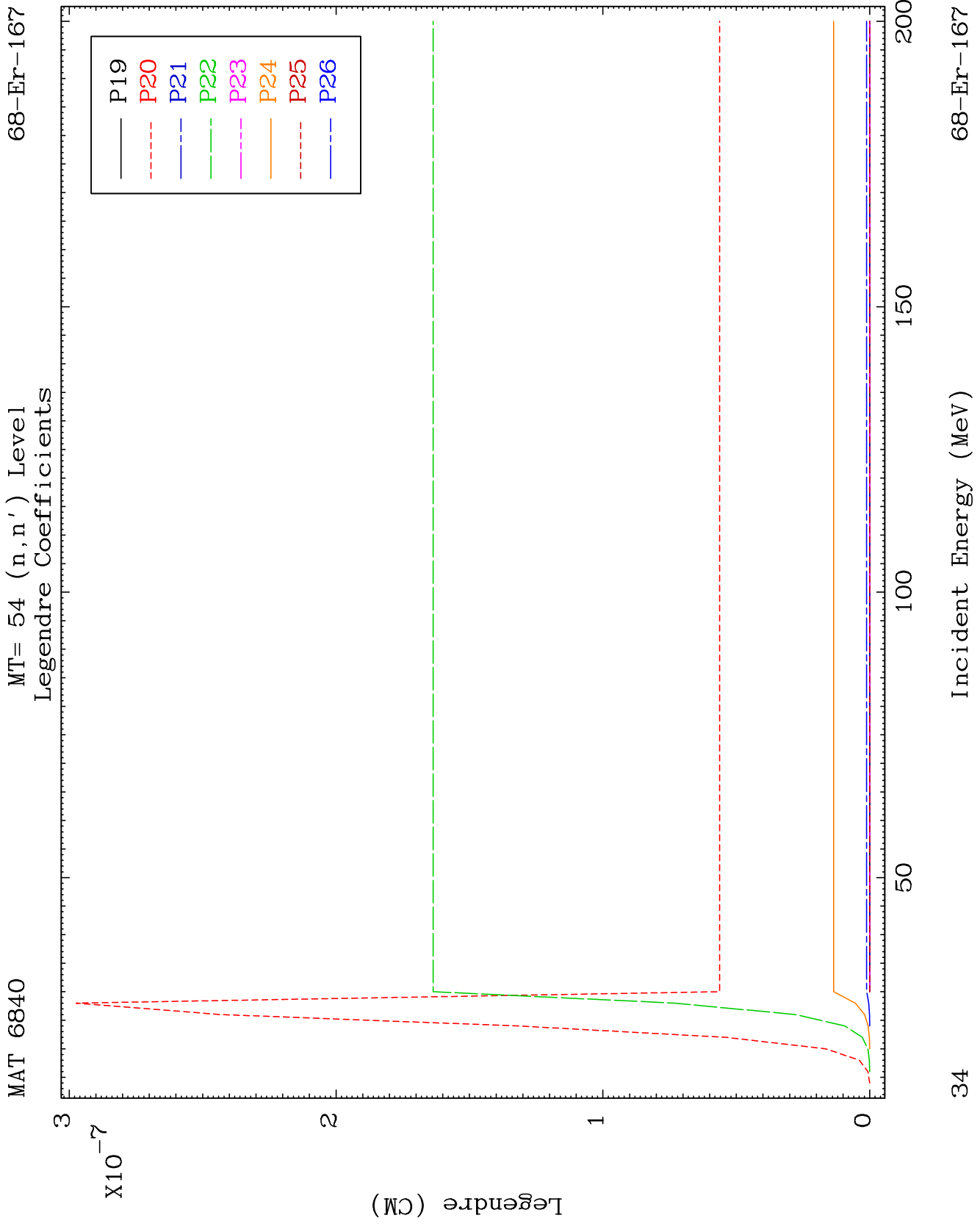


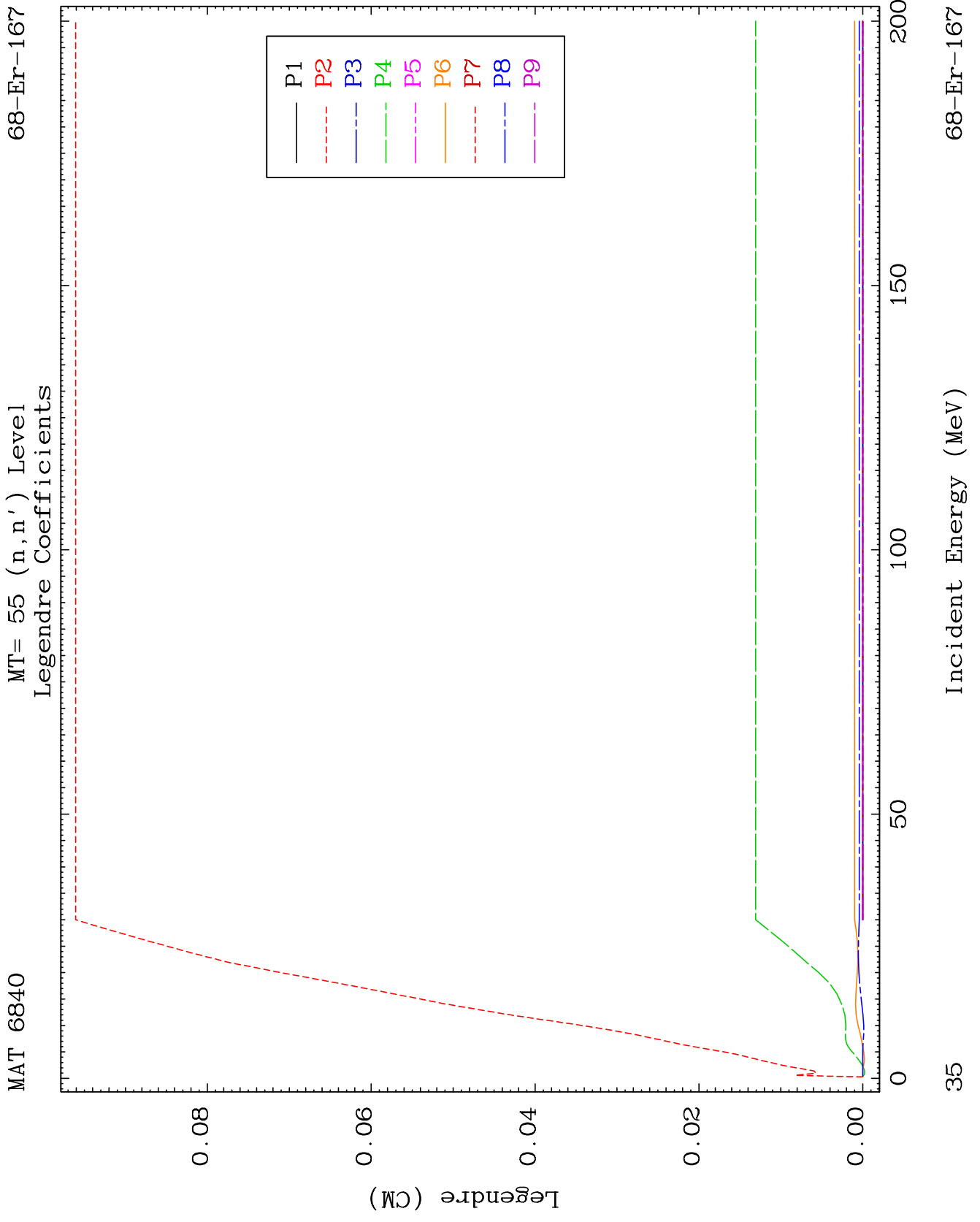
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Incident Energy (MeV)

32



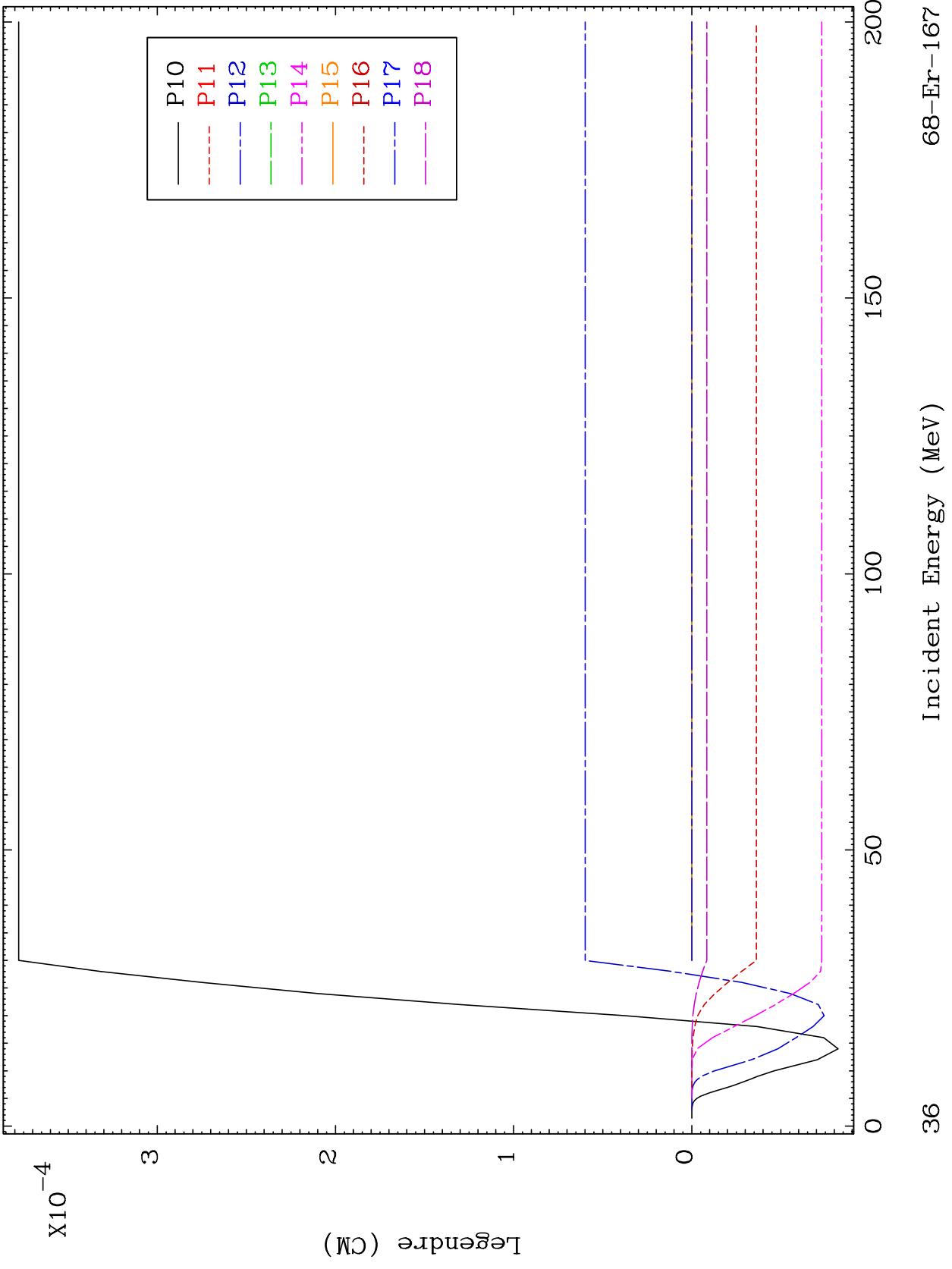




MAT 6840

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

68-Er-167



36

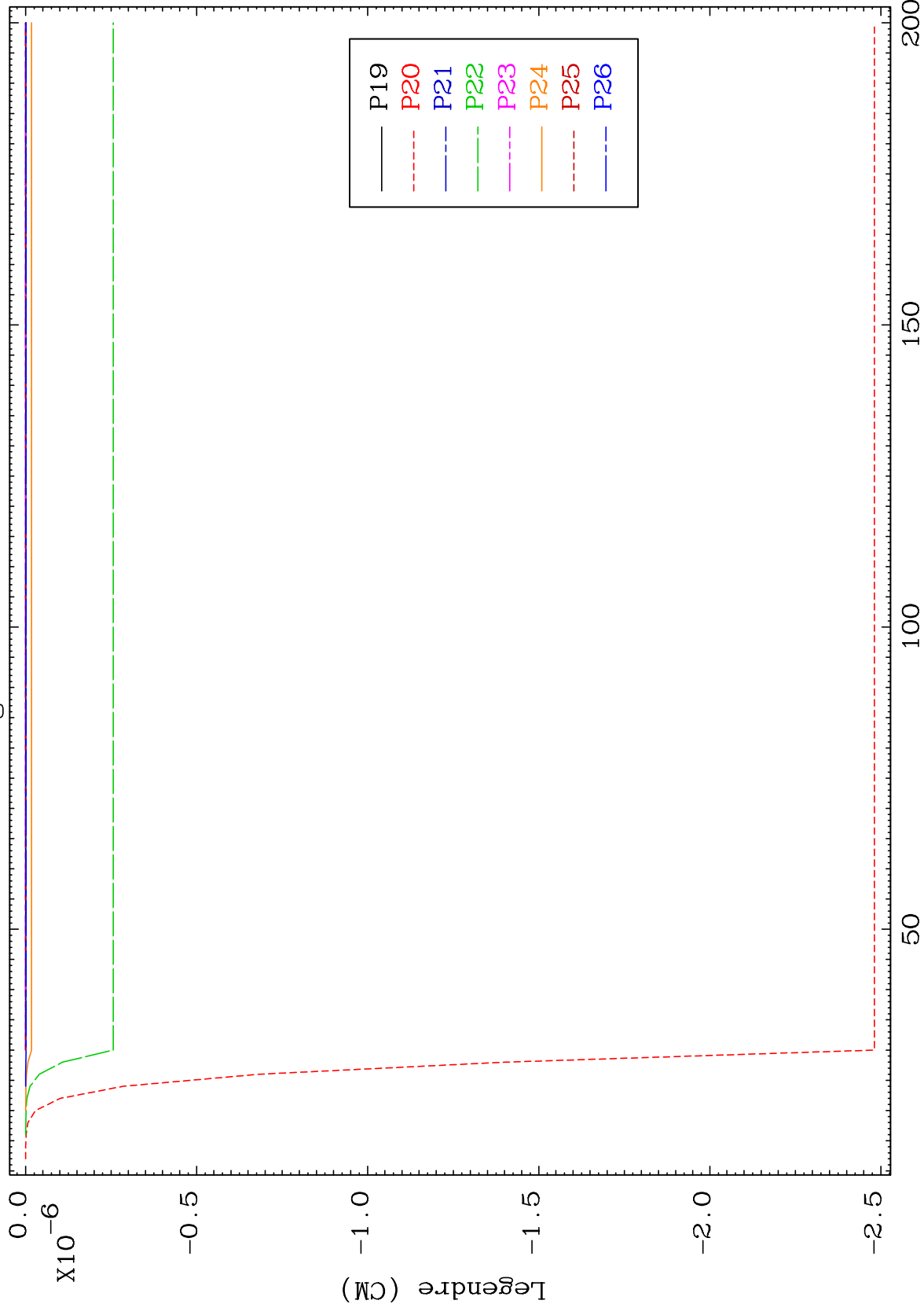
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



37

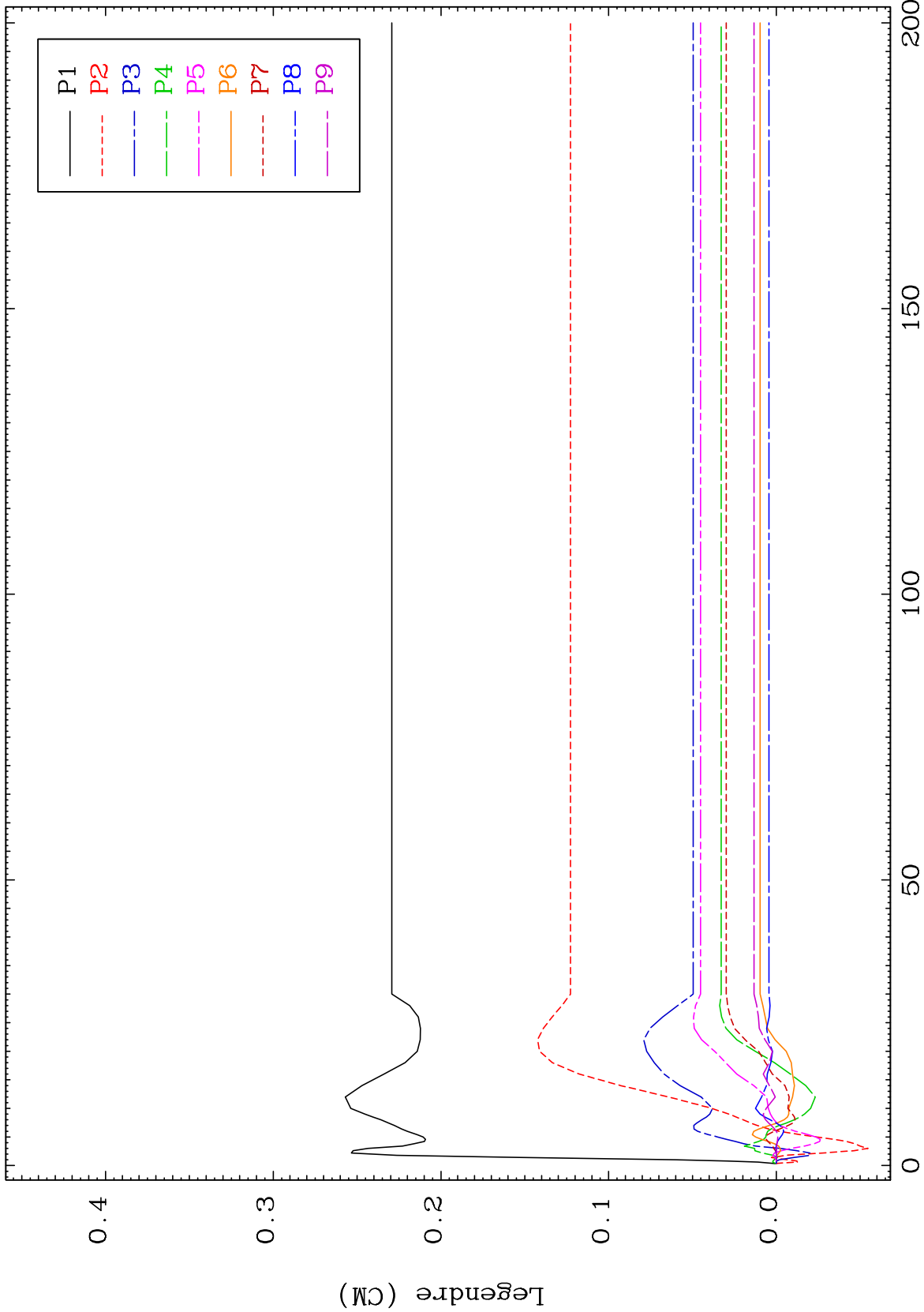
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



38

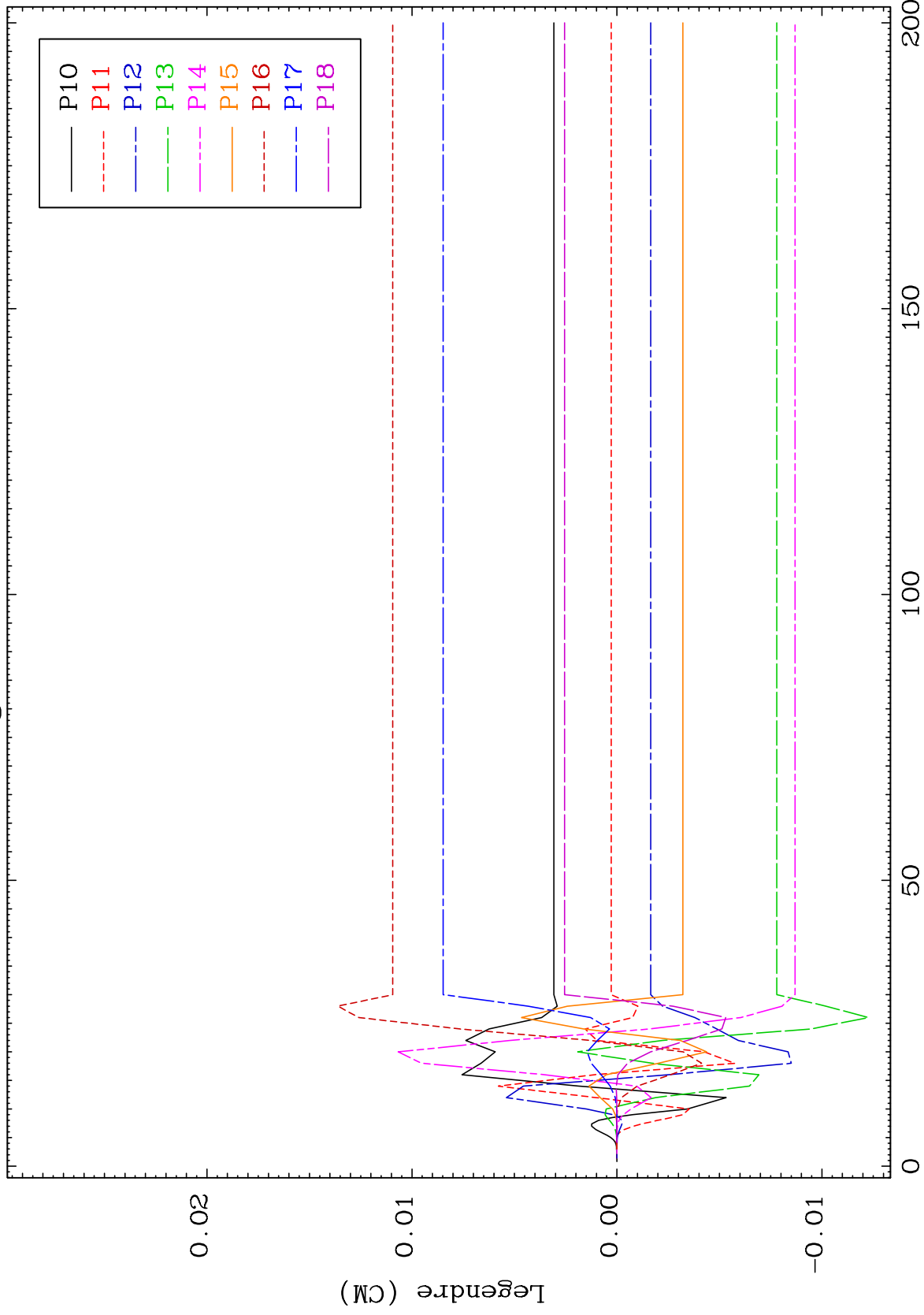
Incident Energy (MeV)

68-Er-167

MAT 6840

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

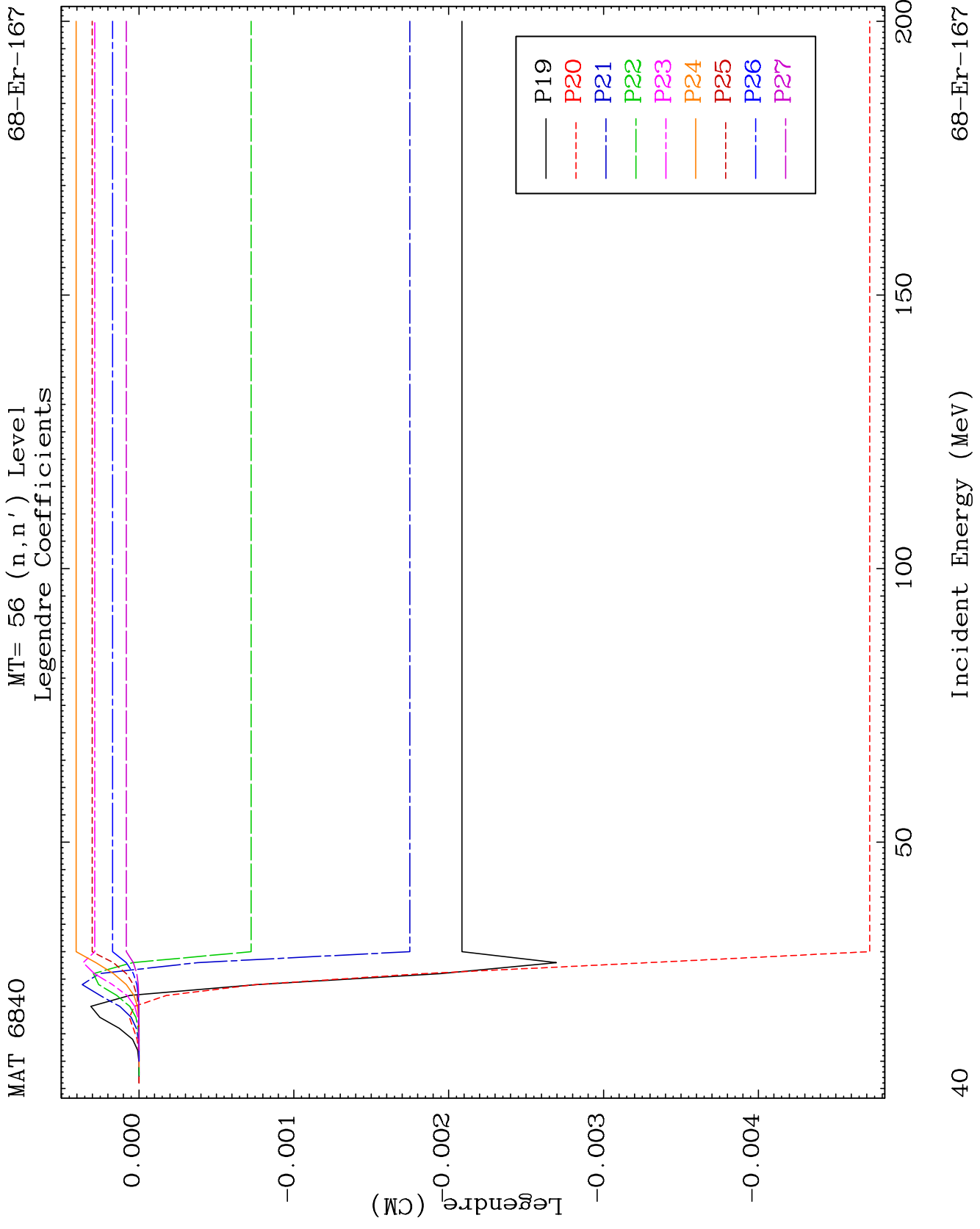
68-Er-167



39

Incident Energy (MeV)

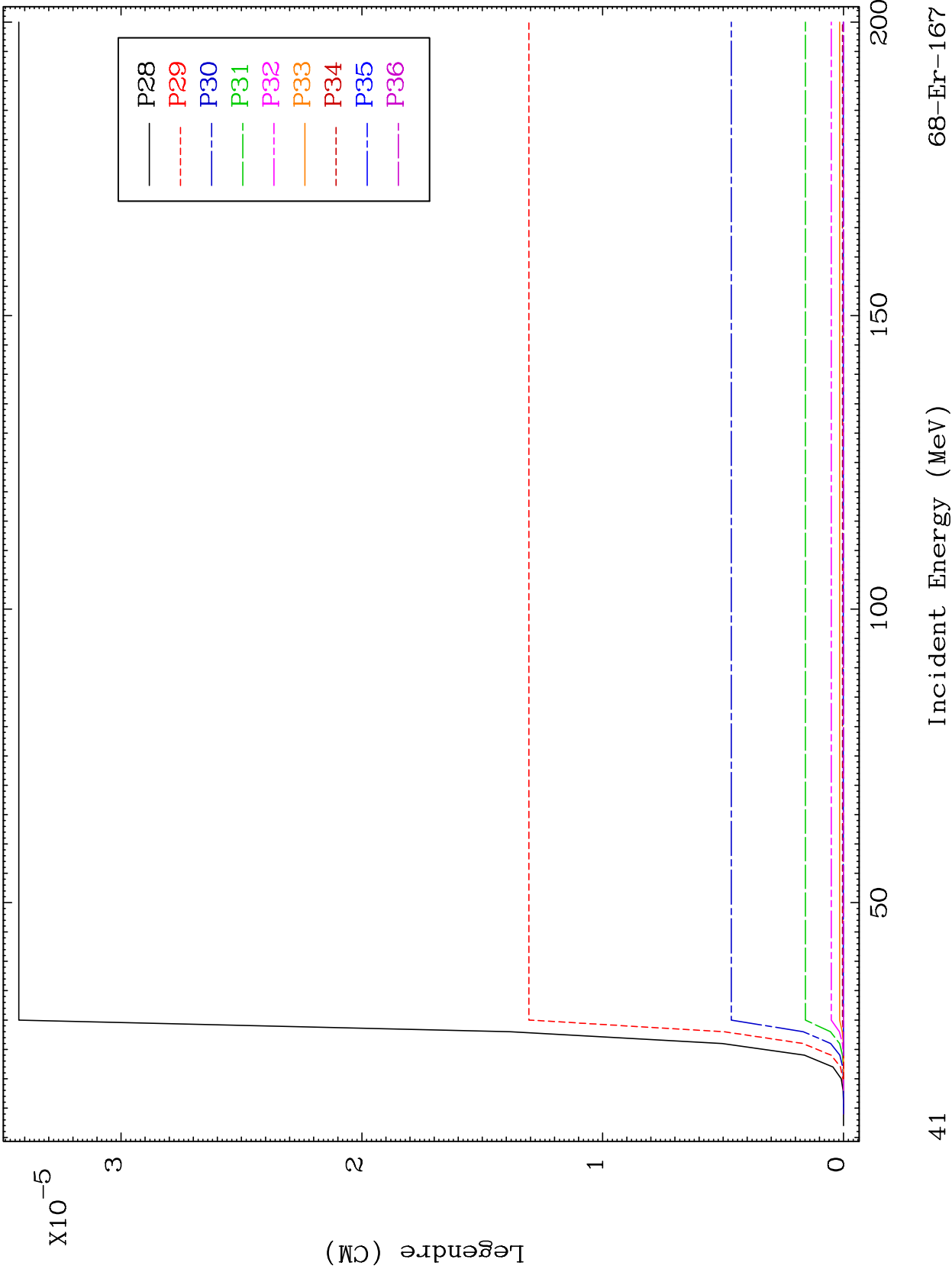
68-Er-167



MAT 6840

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

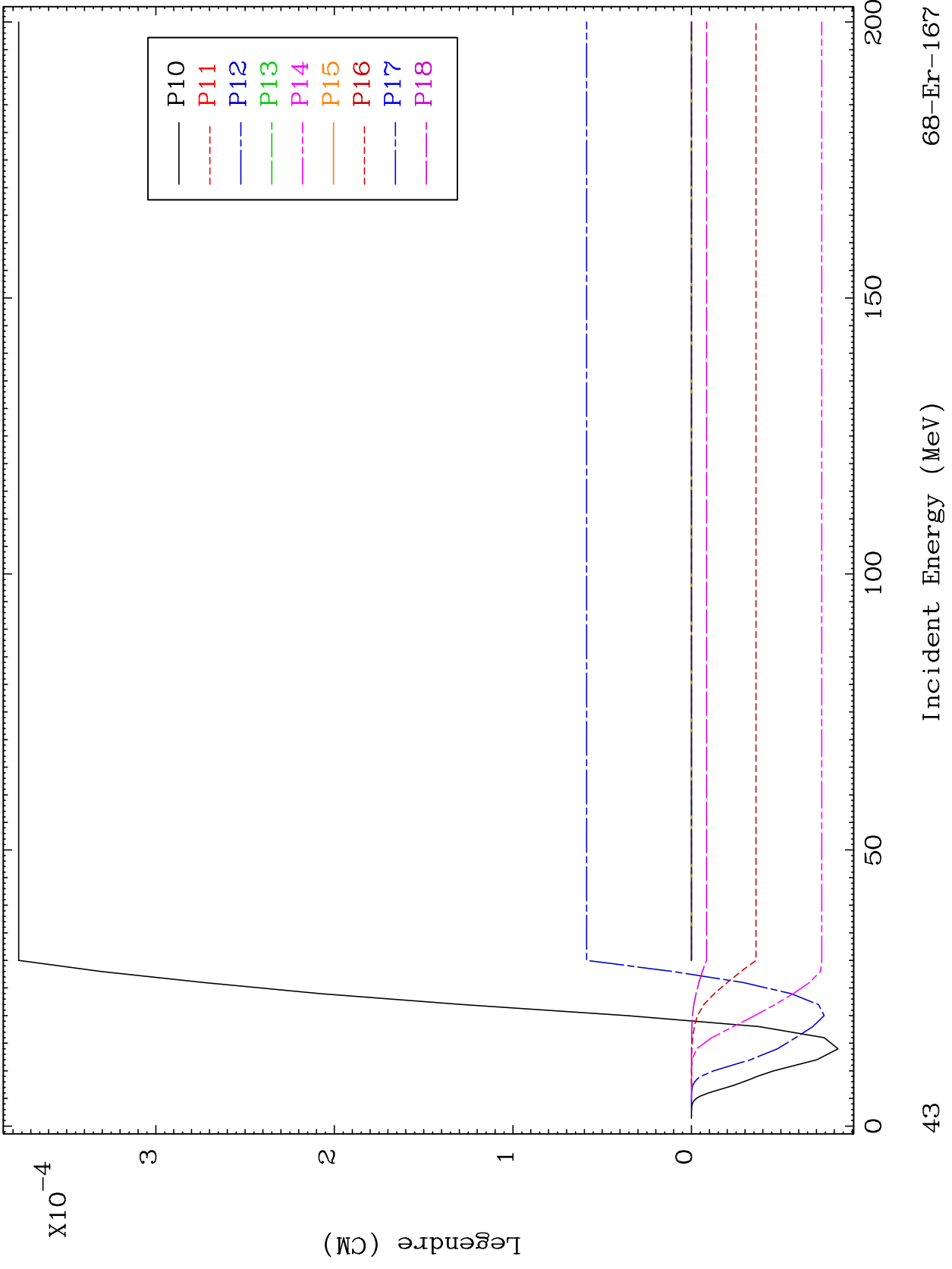
68-Er-167



MAT 6840

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

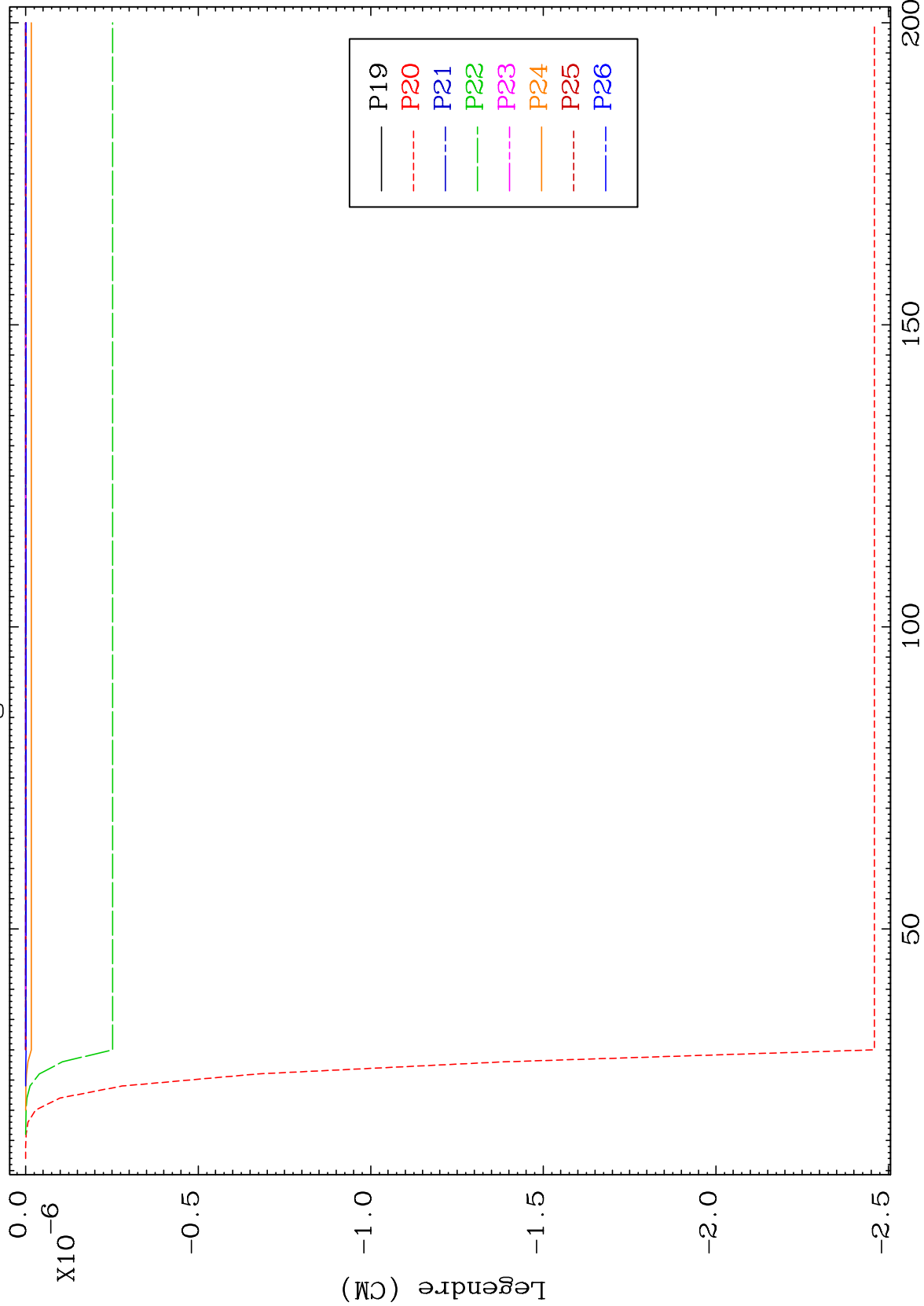
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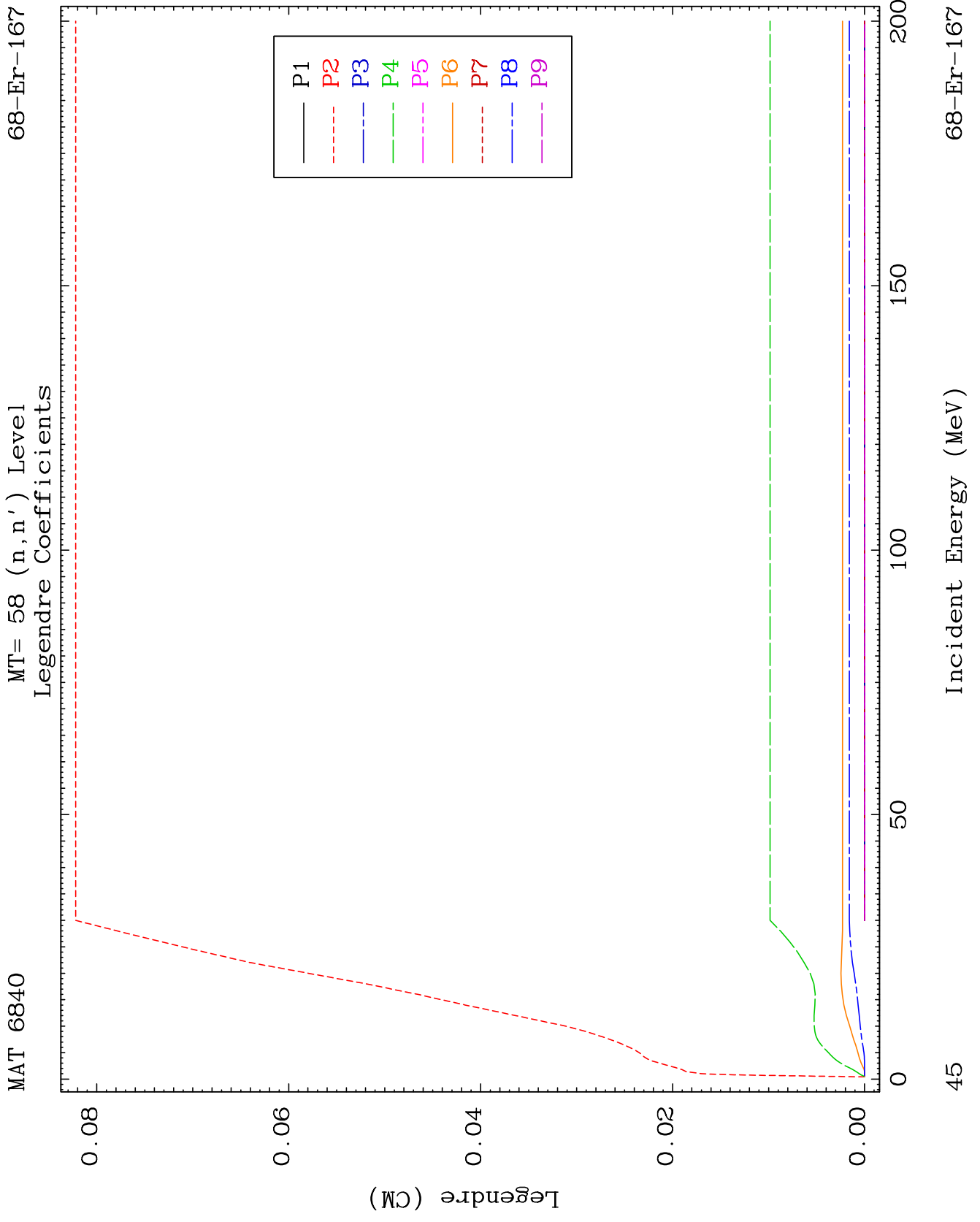


43

Incident Energy (MeV)

68-Er-167

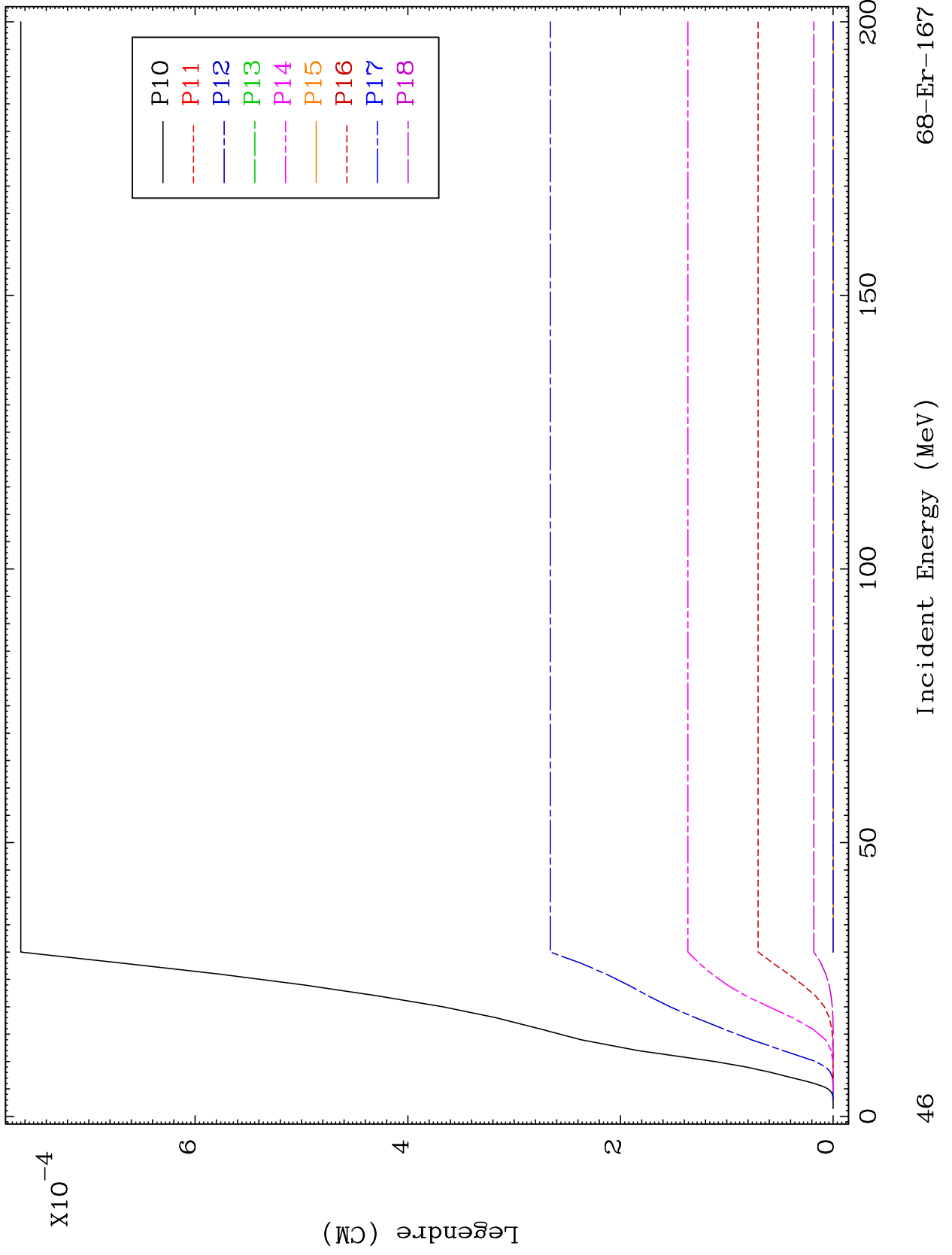


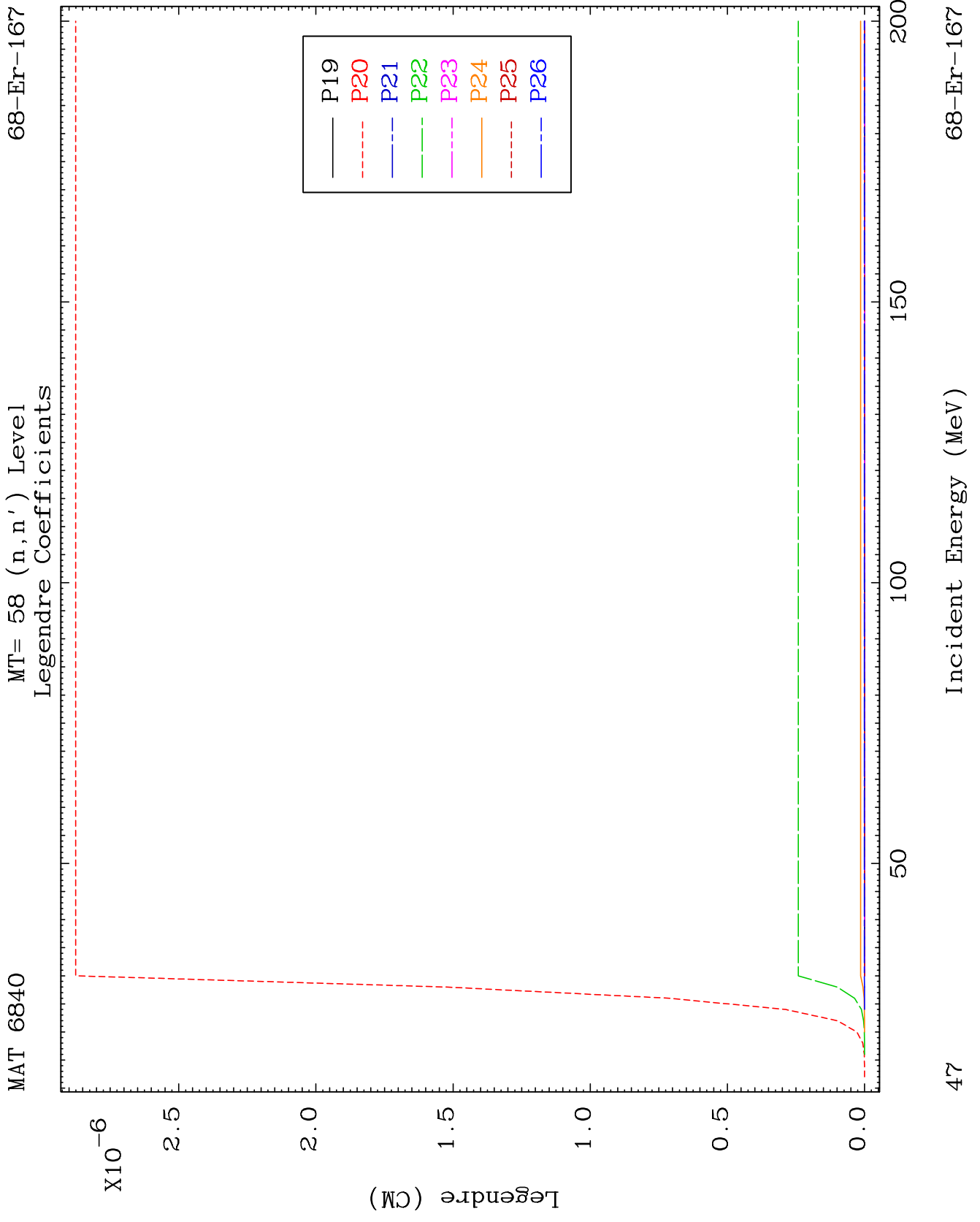


MAT 6840

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

68-Er-167

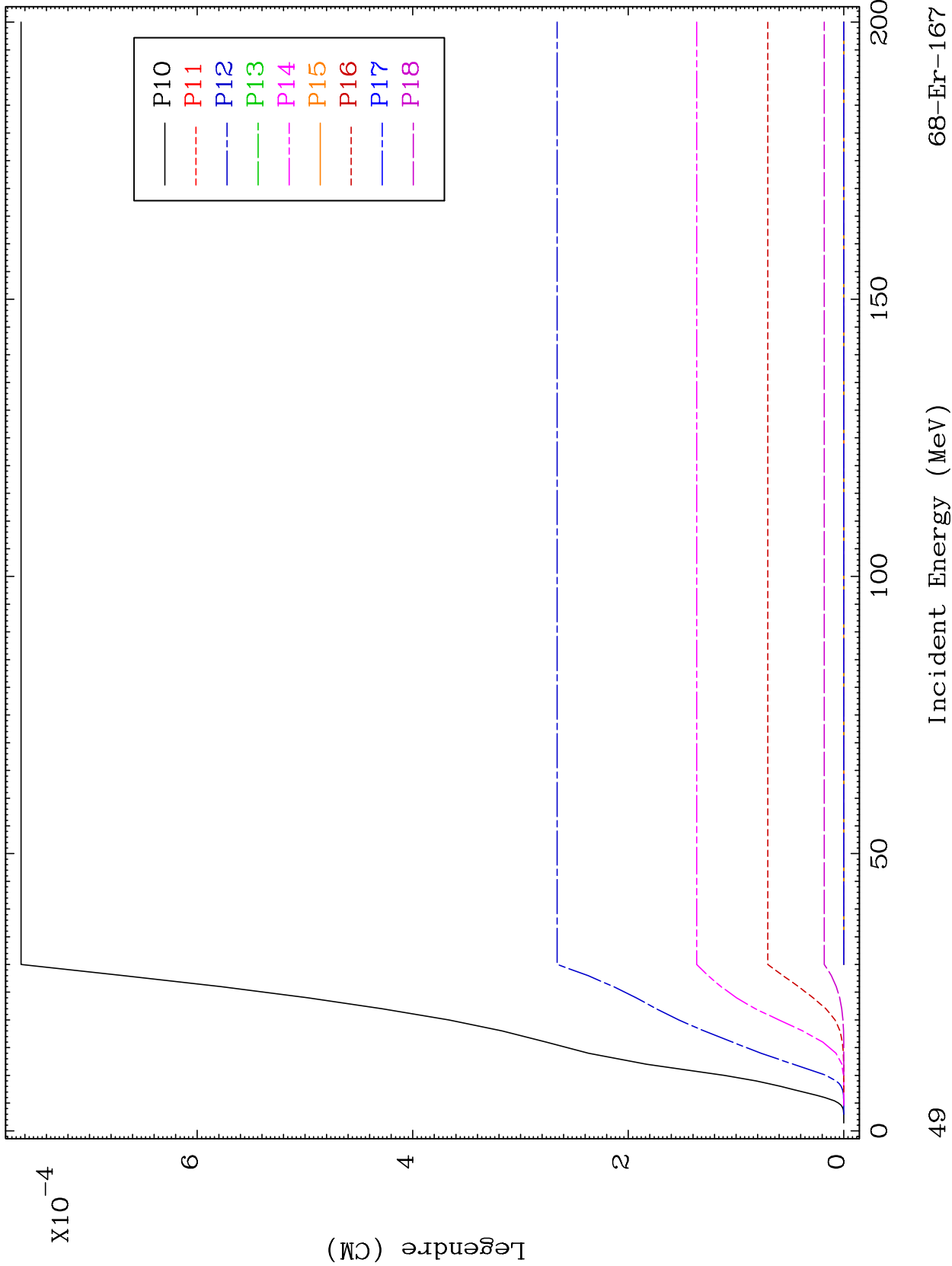




MAT 6840

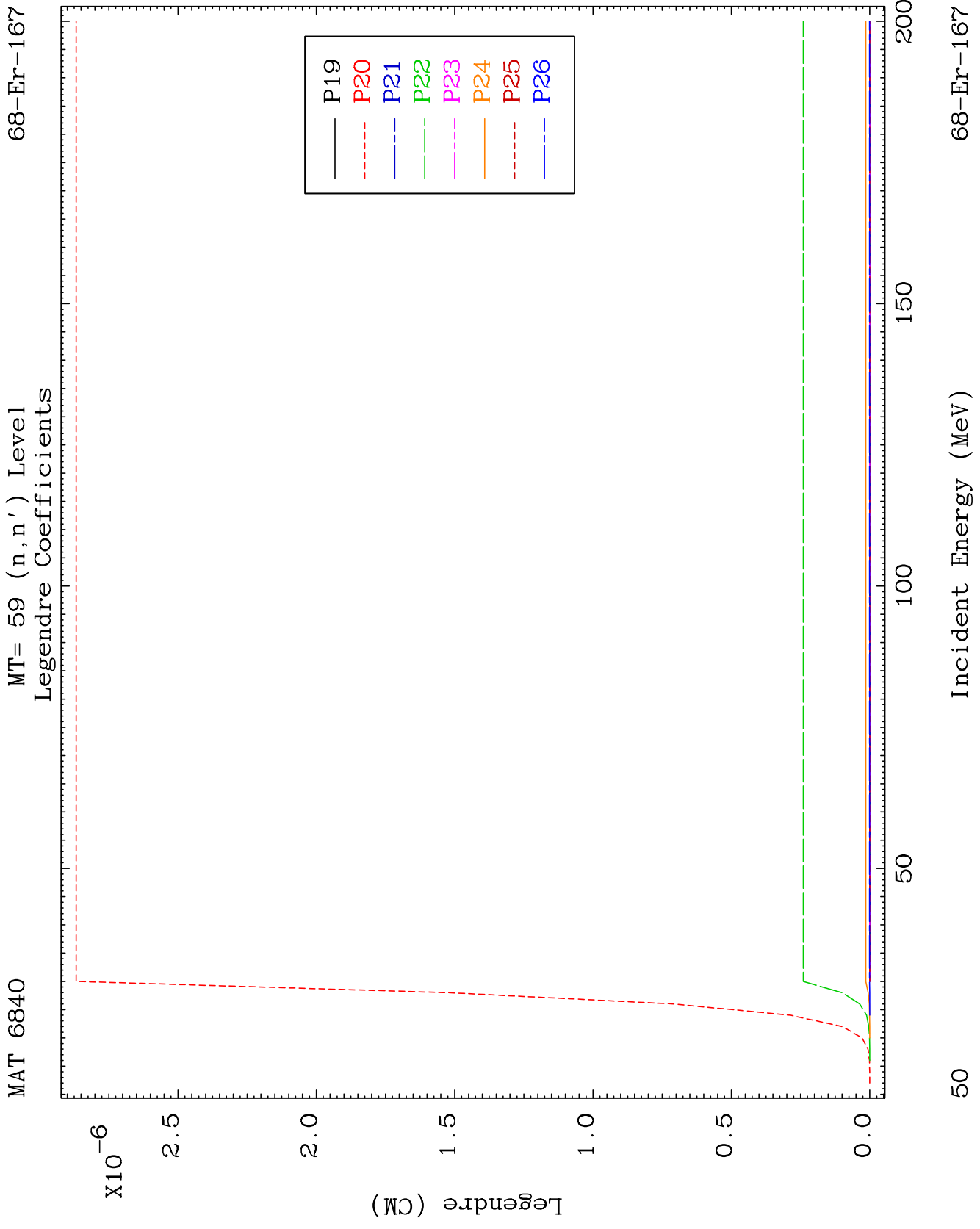
MT= 59 (n,n') Level
Legendre Coefficients

68-Er-167



49

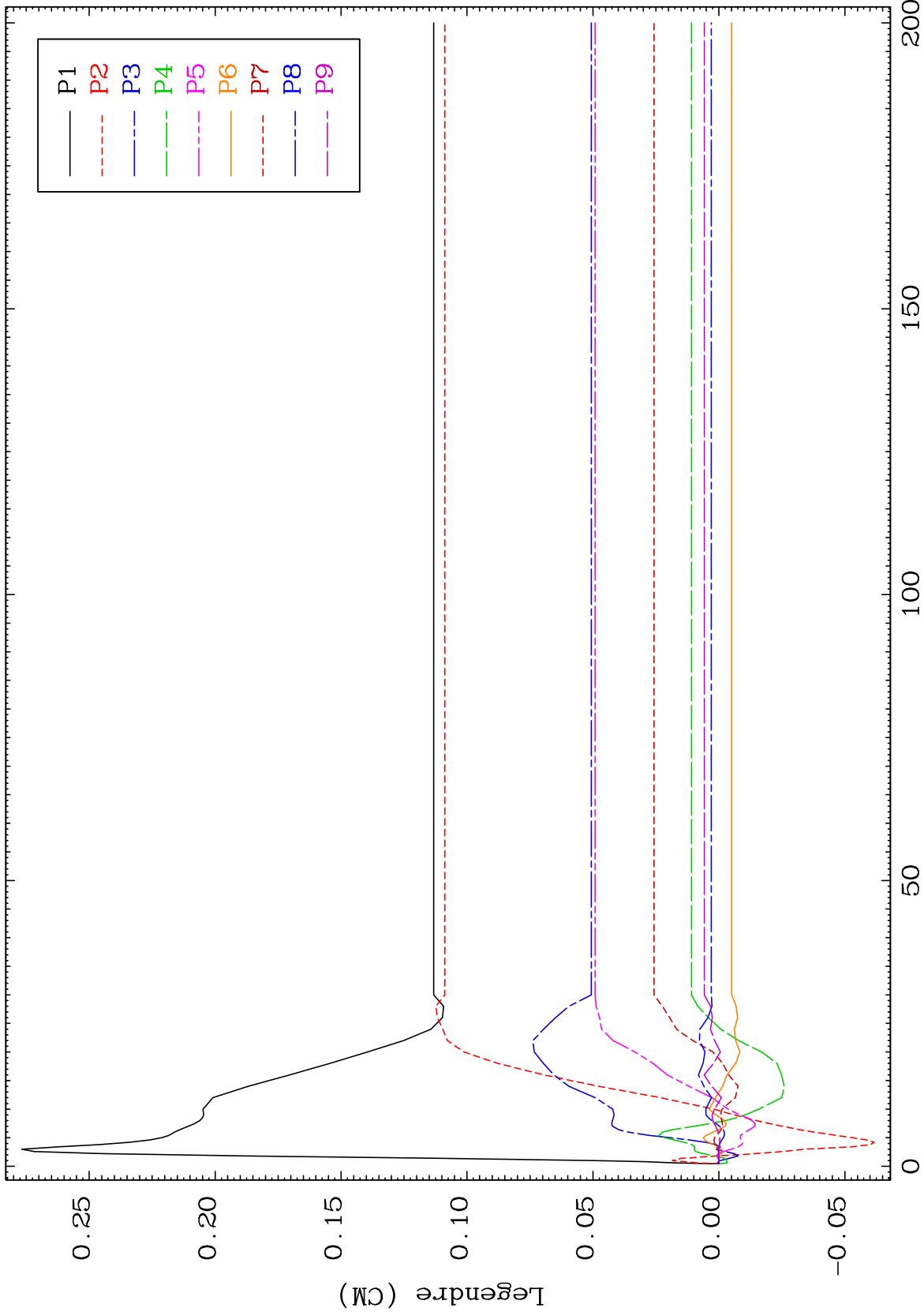
68-Er-167



MAT 6840

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

68-Er-167



51

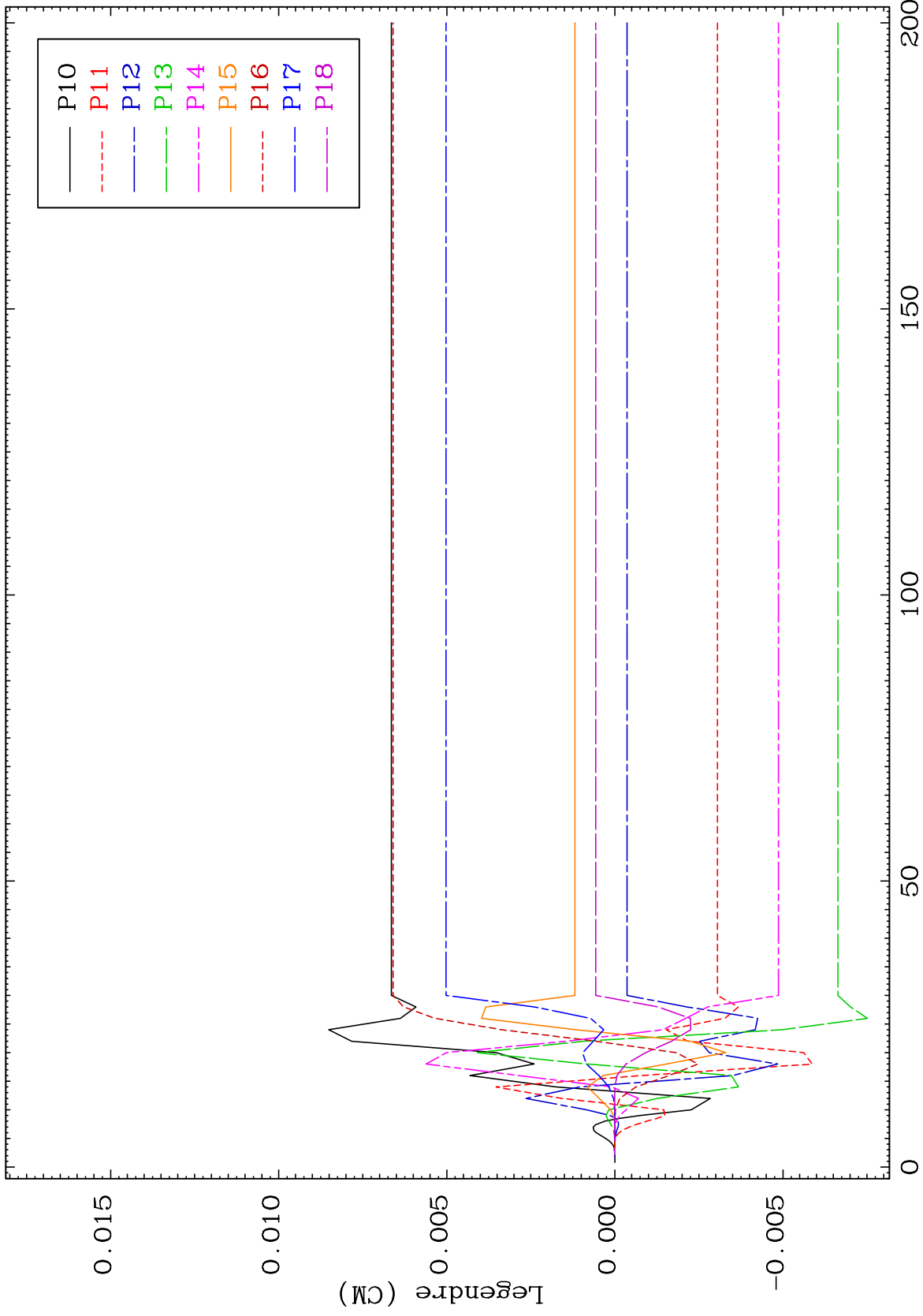
Incident Energy (MeV)

68-Er-167

MAT 6840

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

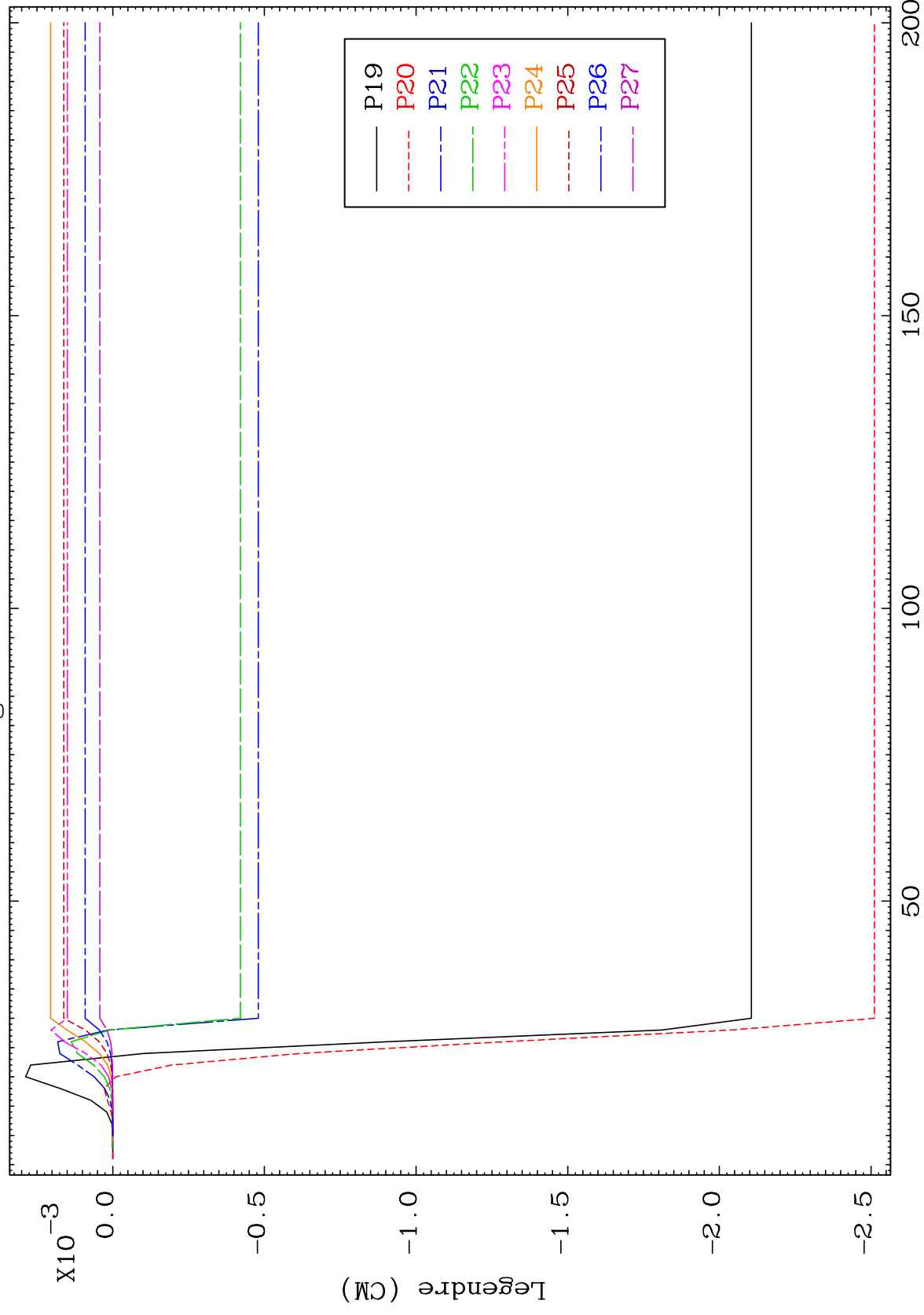
68-Er-167



52

Incident Energy (MeV)

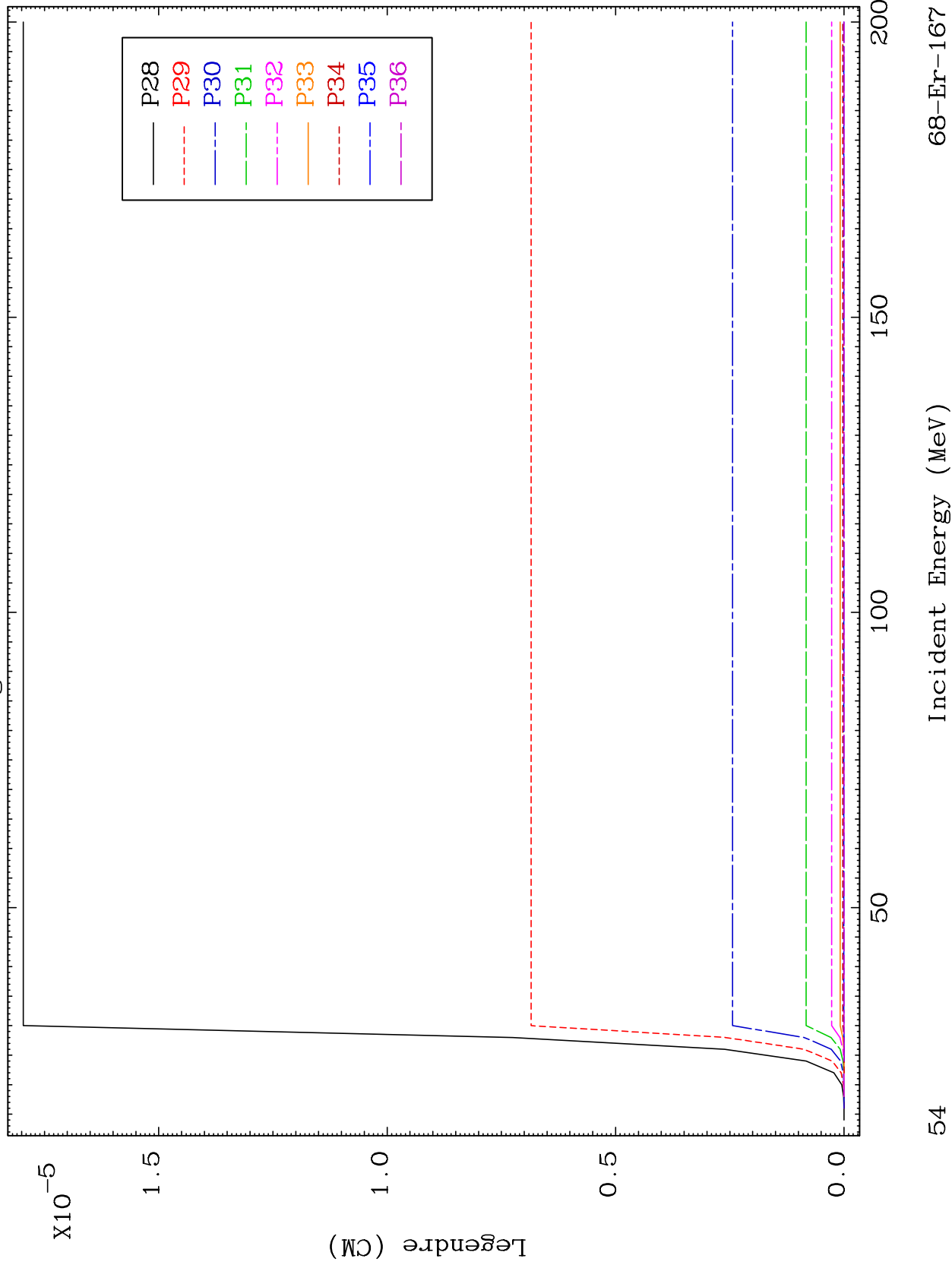
68-Er-167



MAT 6840

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

68-Er-167



54

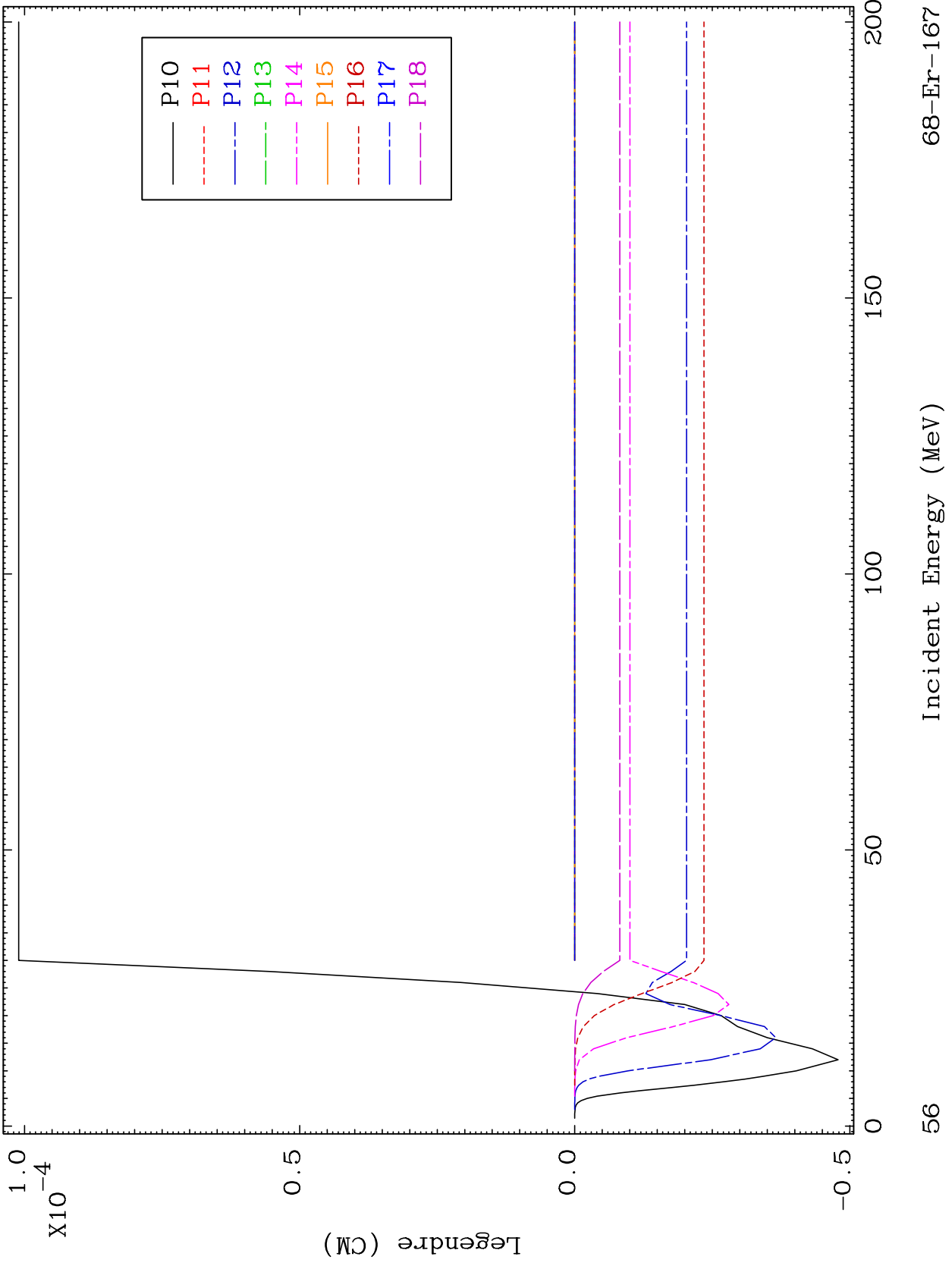
Incident Energy (MeV)

68-Er-167

MAT 6840

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

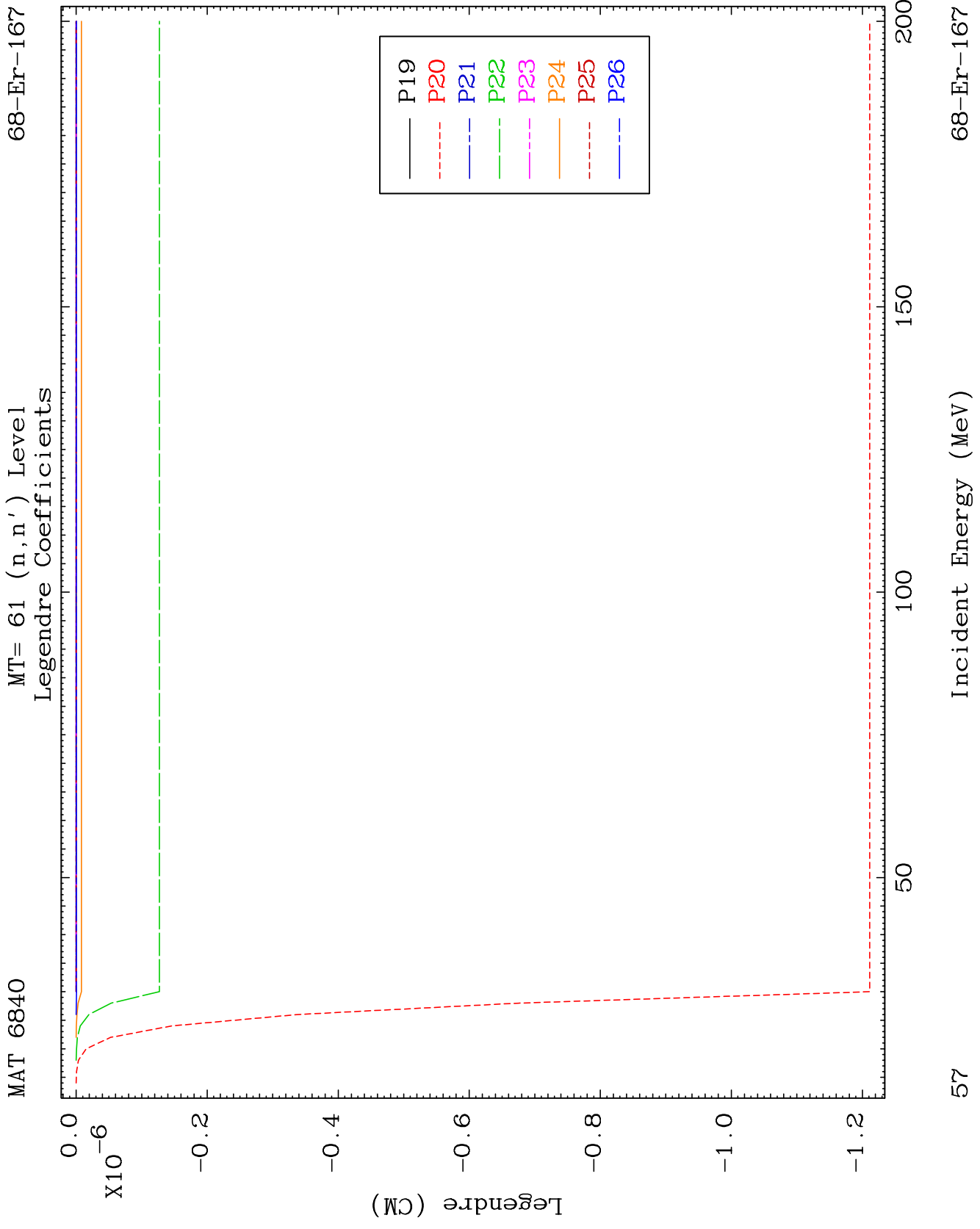
68-Er-167



68-Er-167

Incident Energy (MeV)

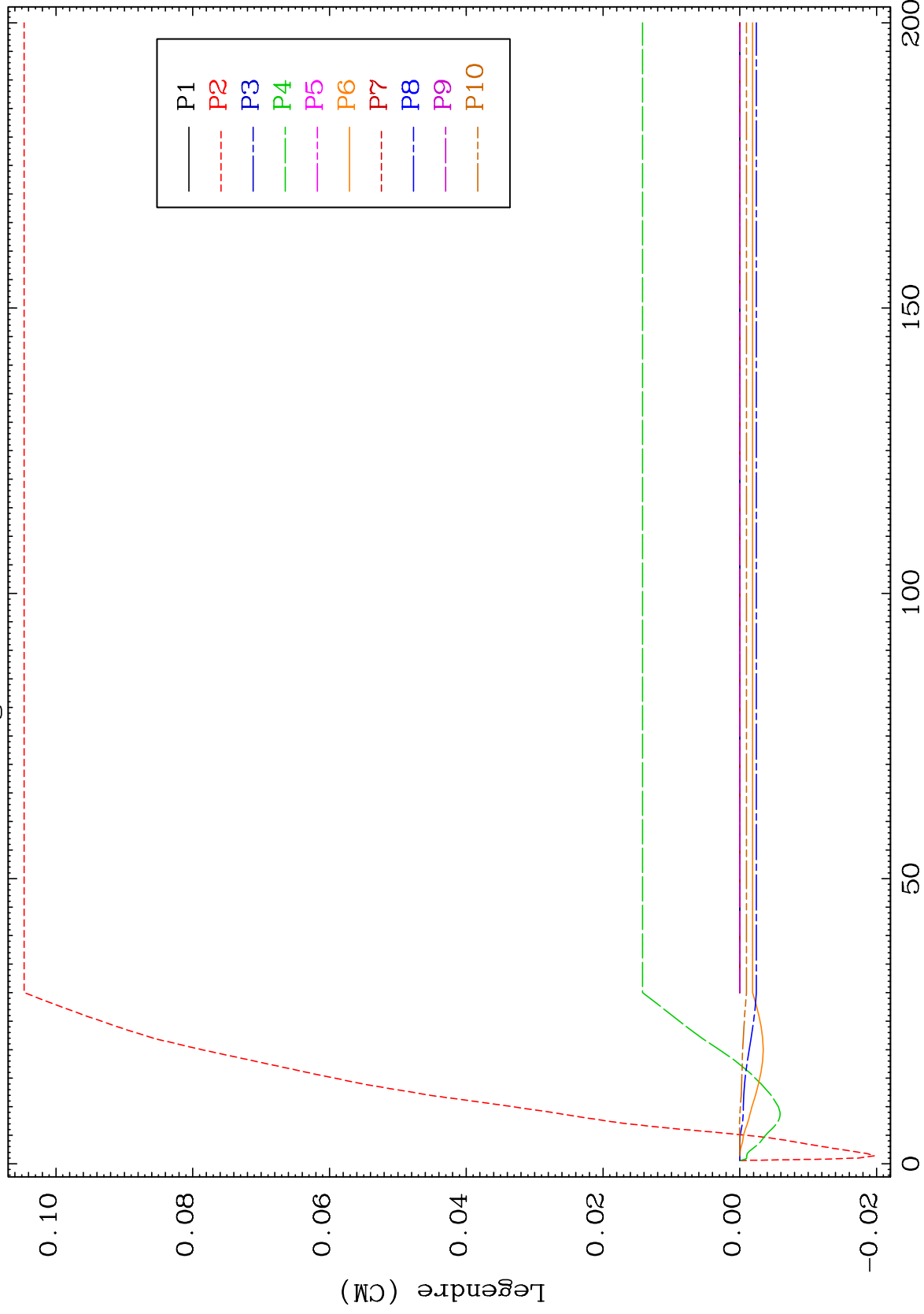
56



MAT 6840

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

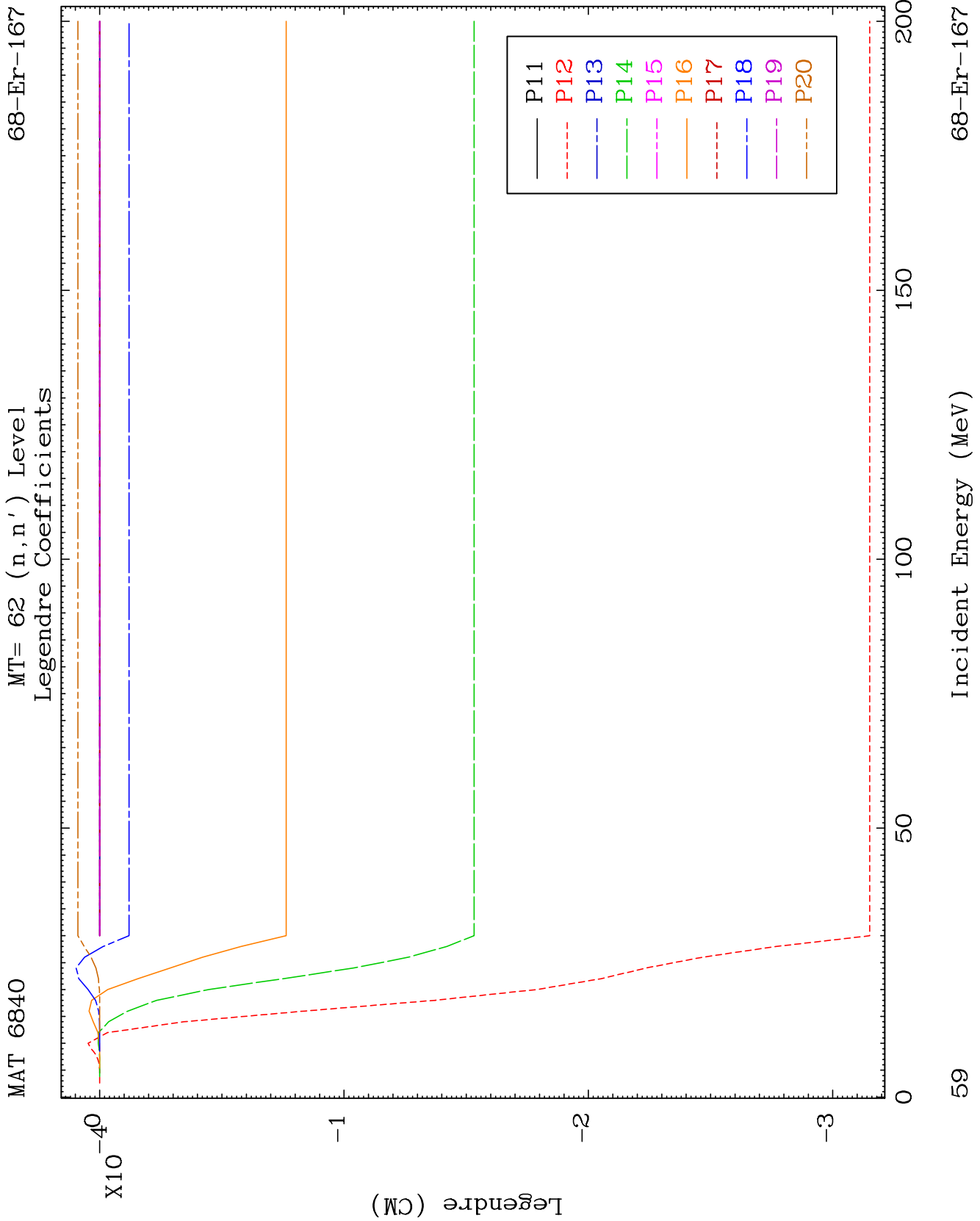
68-Er-167



68-Er-167

Incident Energy (MeV)

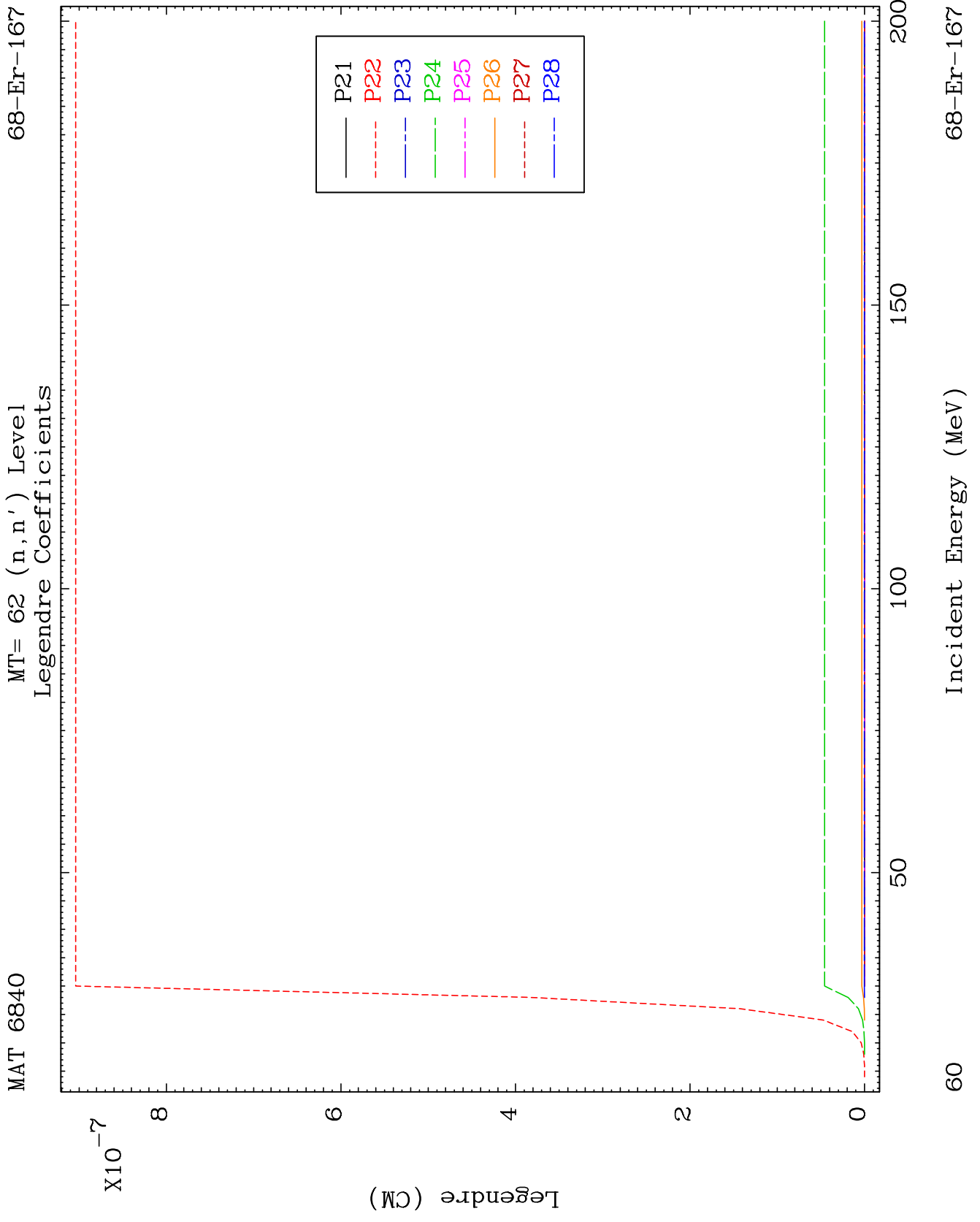
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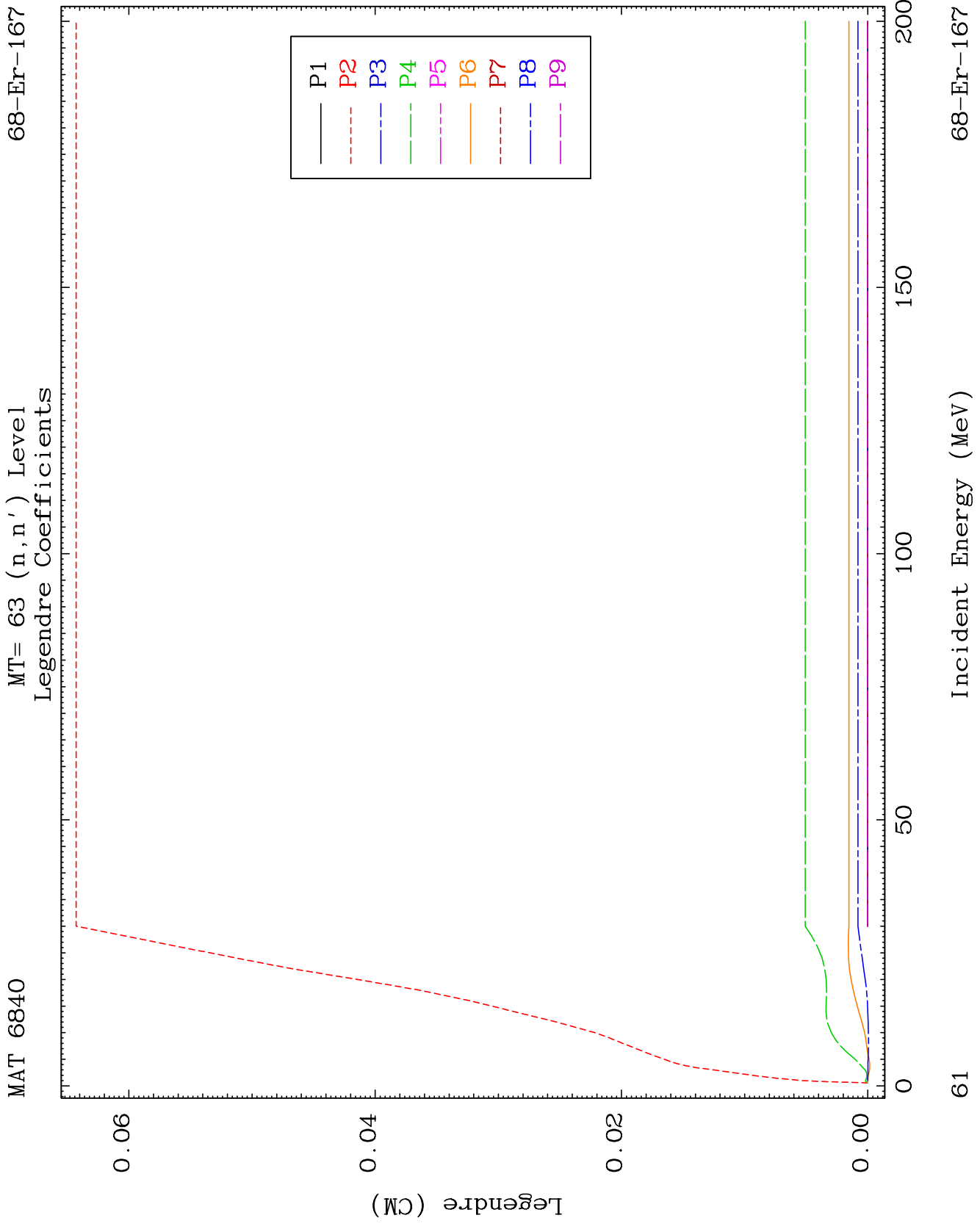


68-Er-167

Incident Energy (MeV)

59

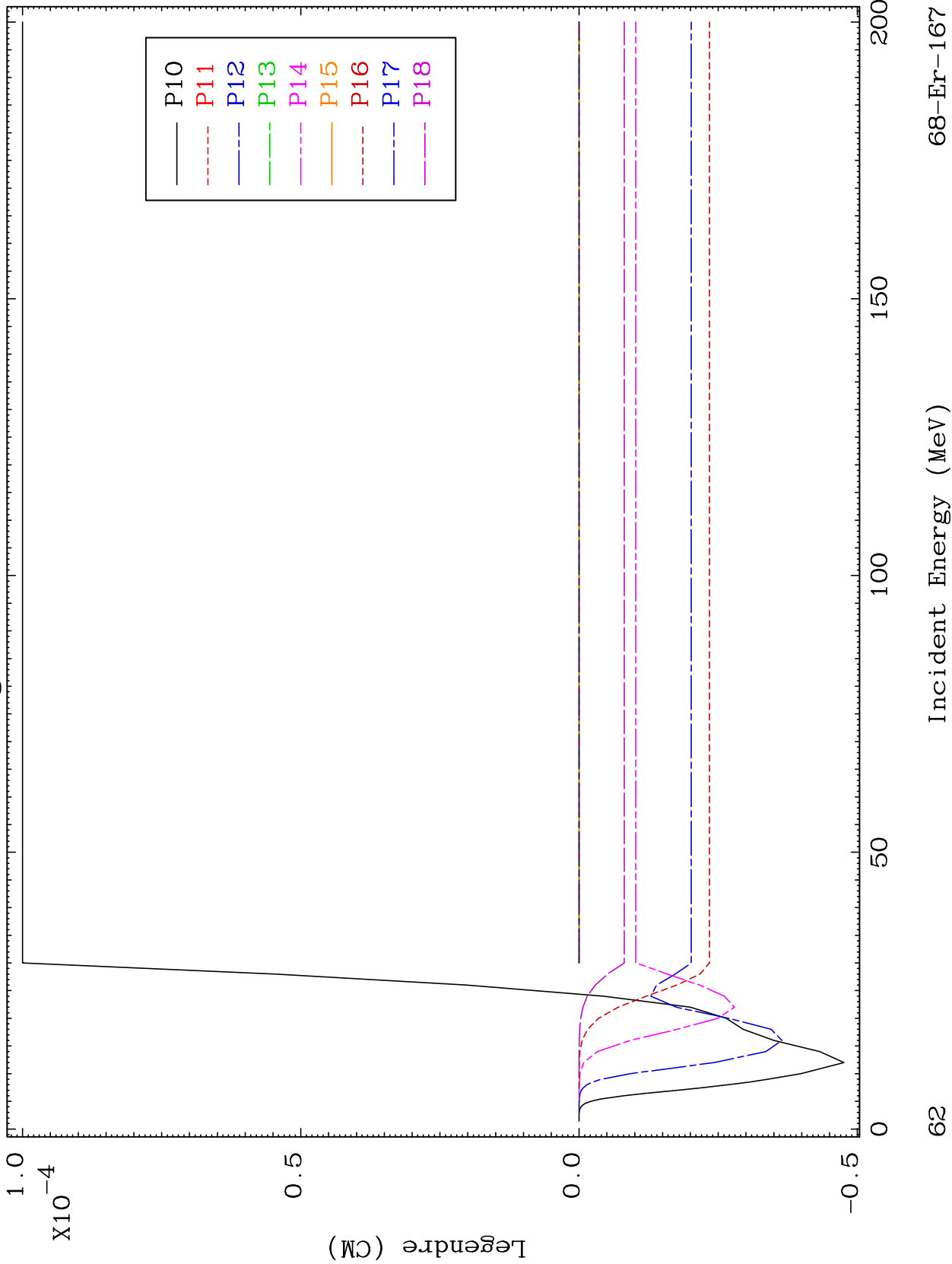




MAT 6840

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

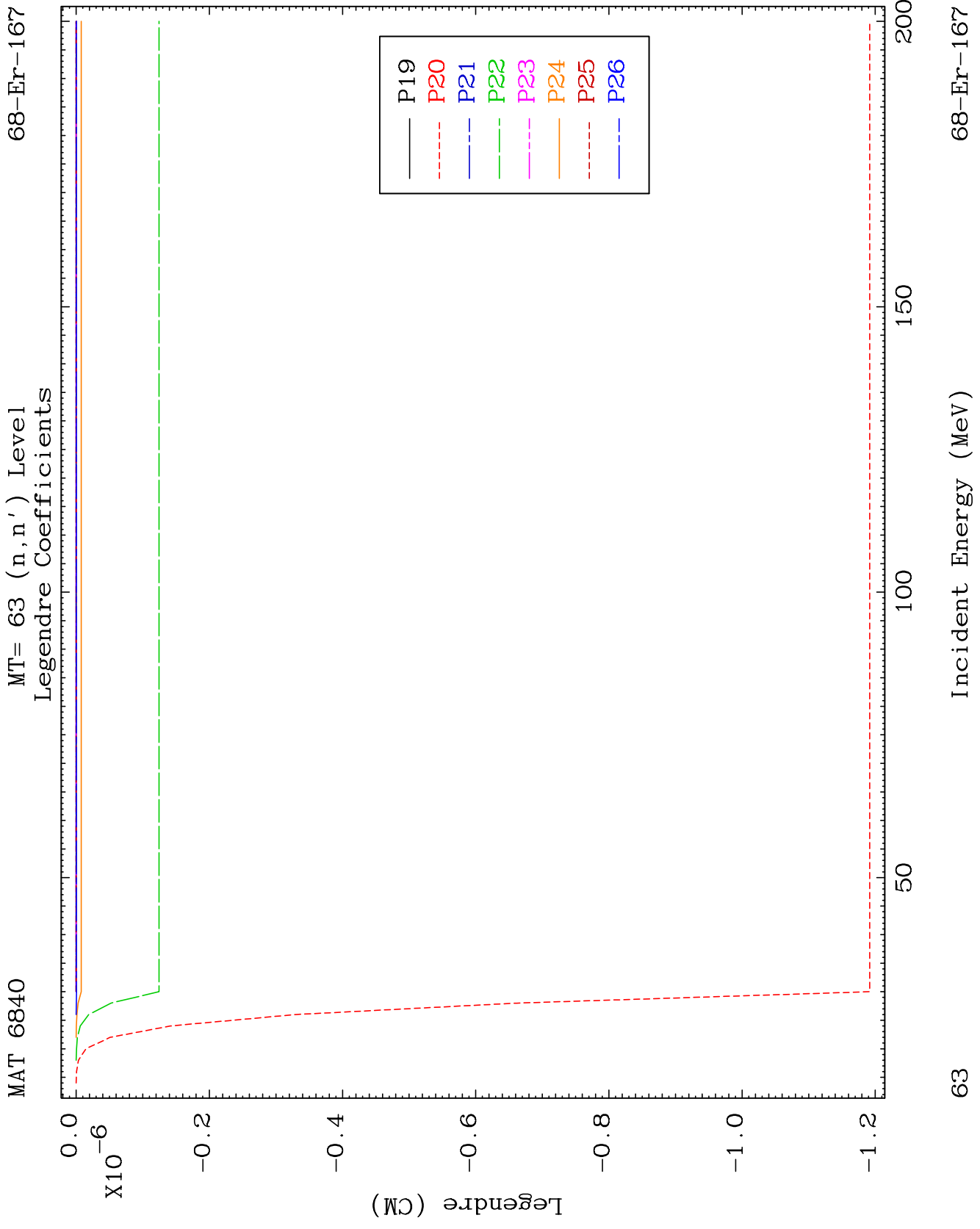
68-Er-167



68

Incident Energy (MeV)

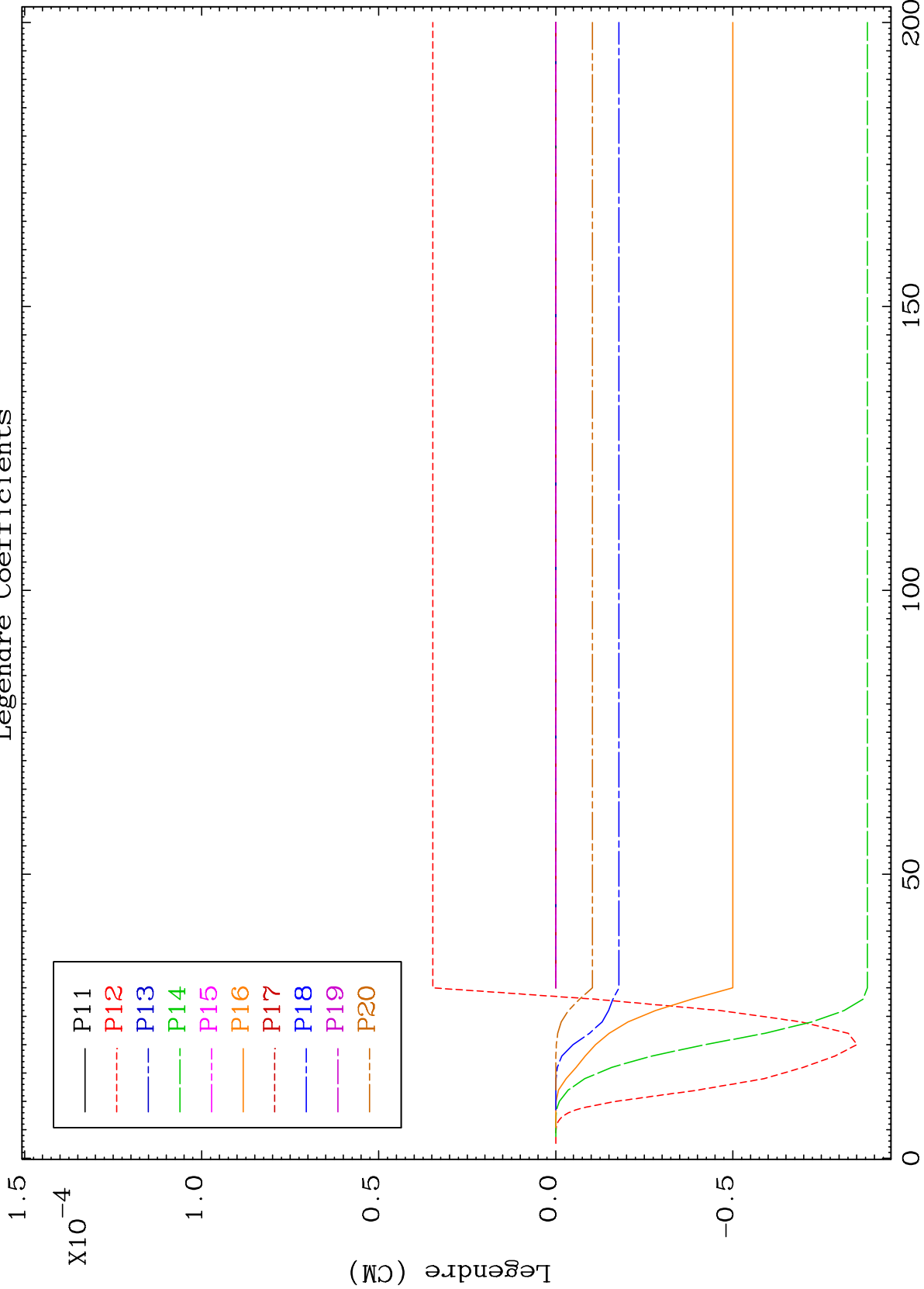
68-Er-167



MAT 6840

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

68-Er-167



65

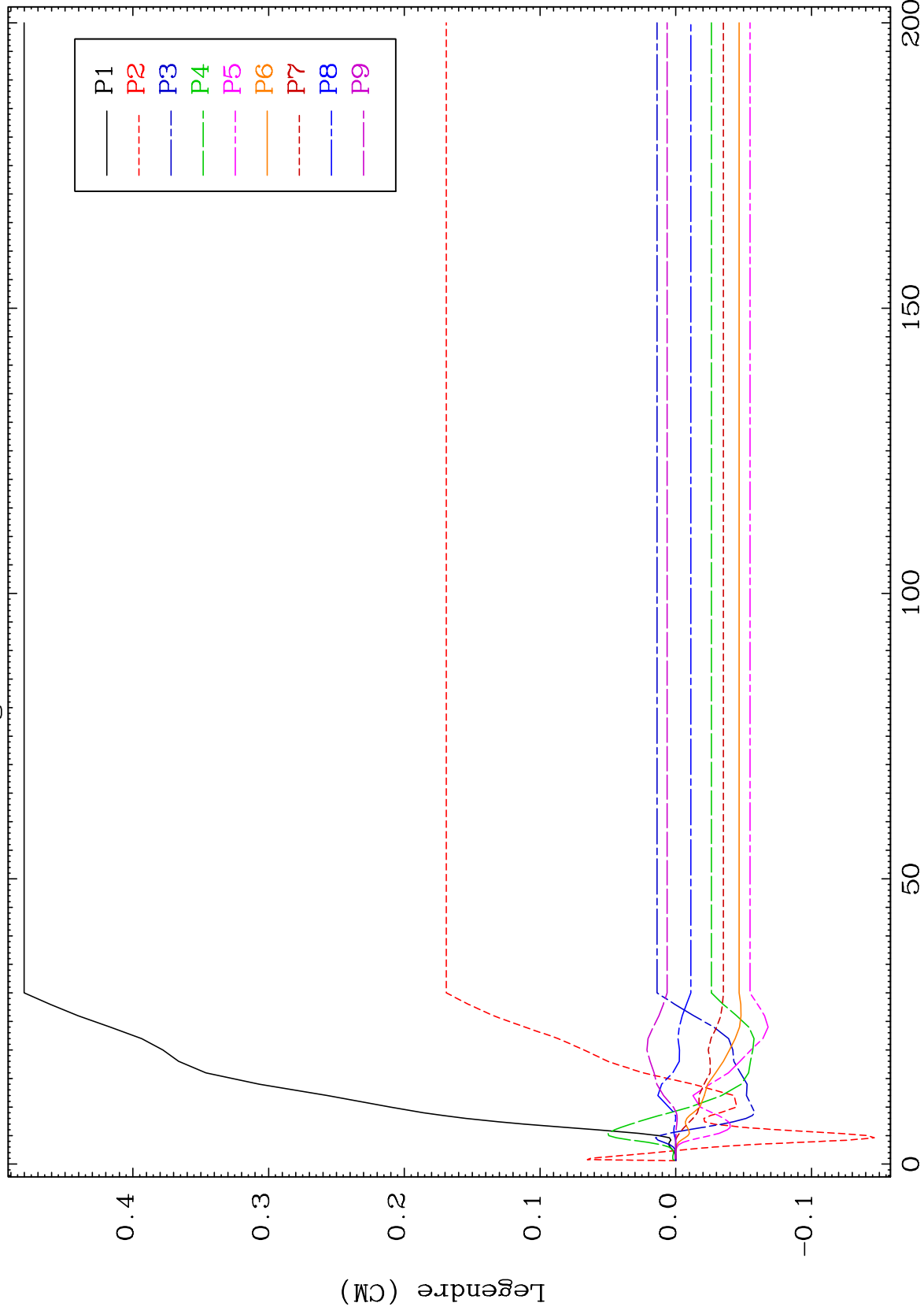
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



67

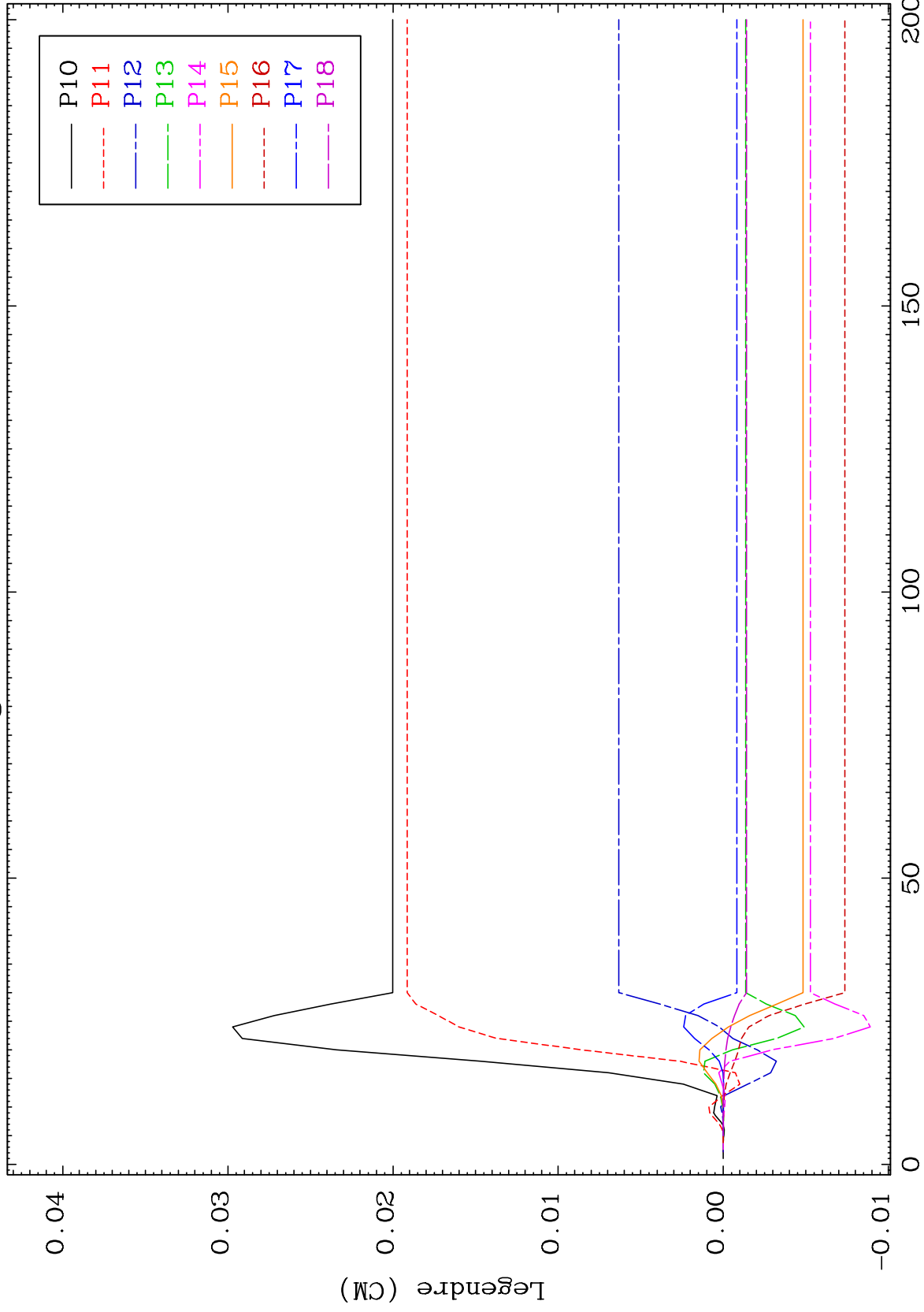
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



68

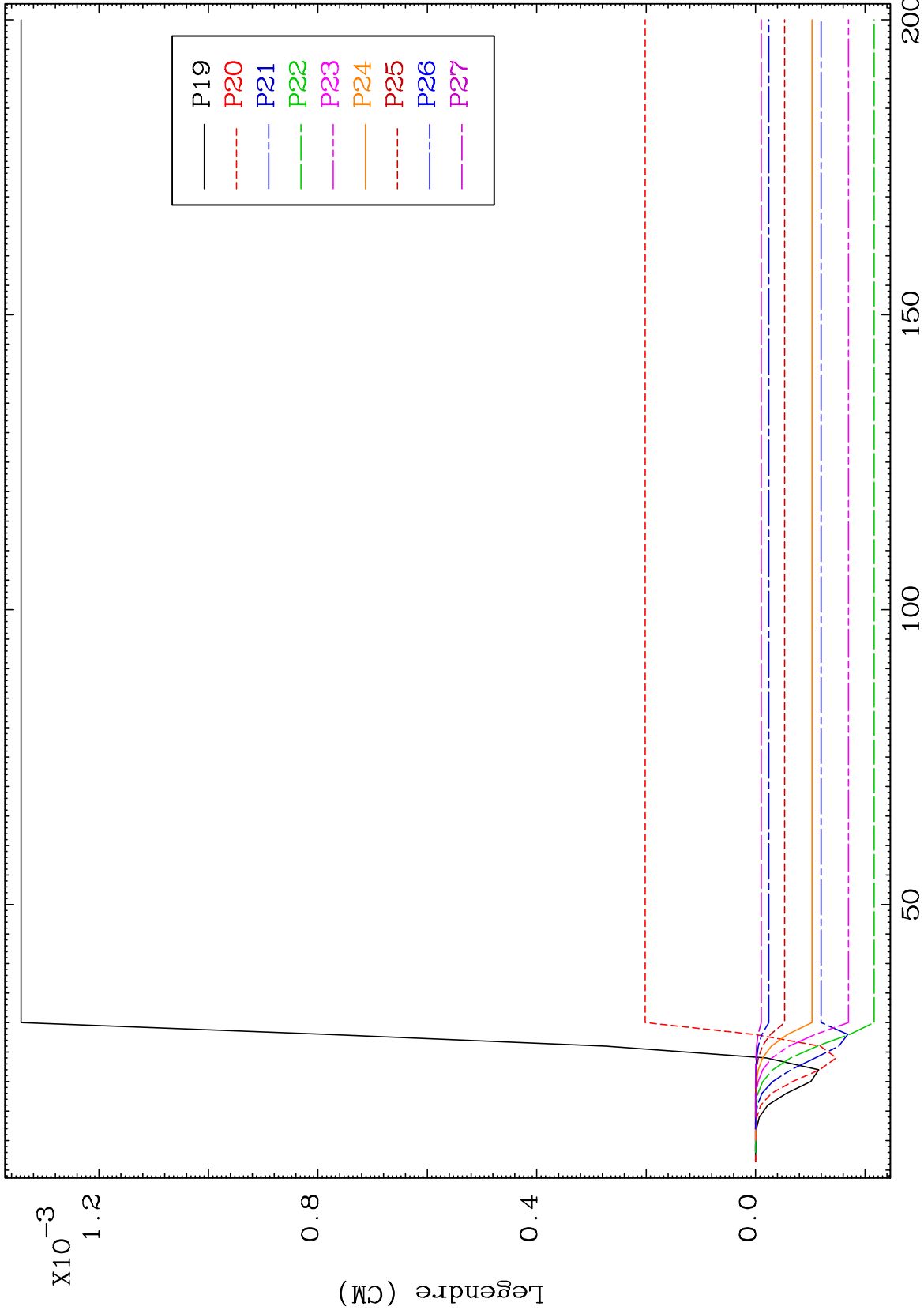
Incident Energy (MeV)

68-Er-167

MAT 6840

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

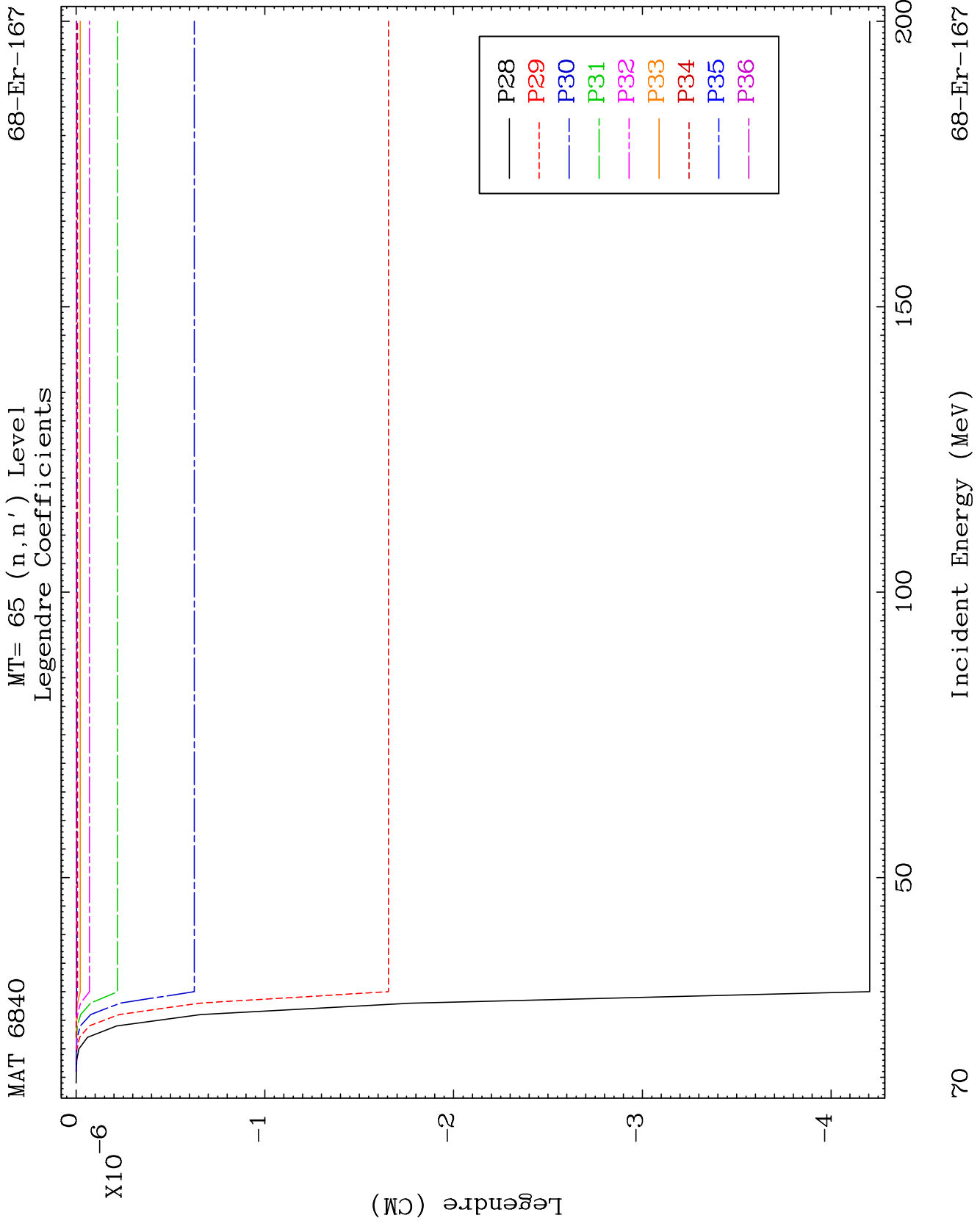
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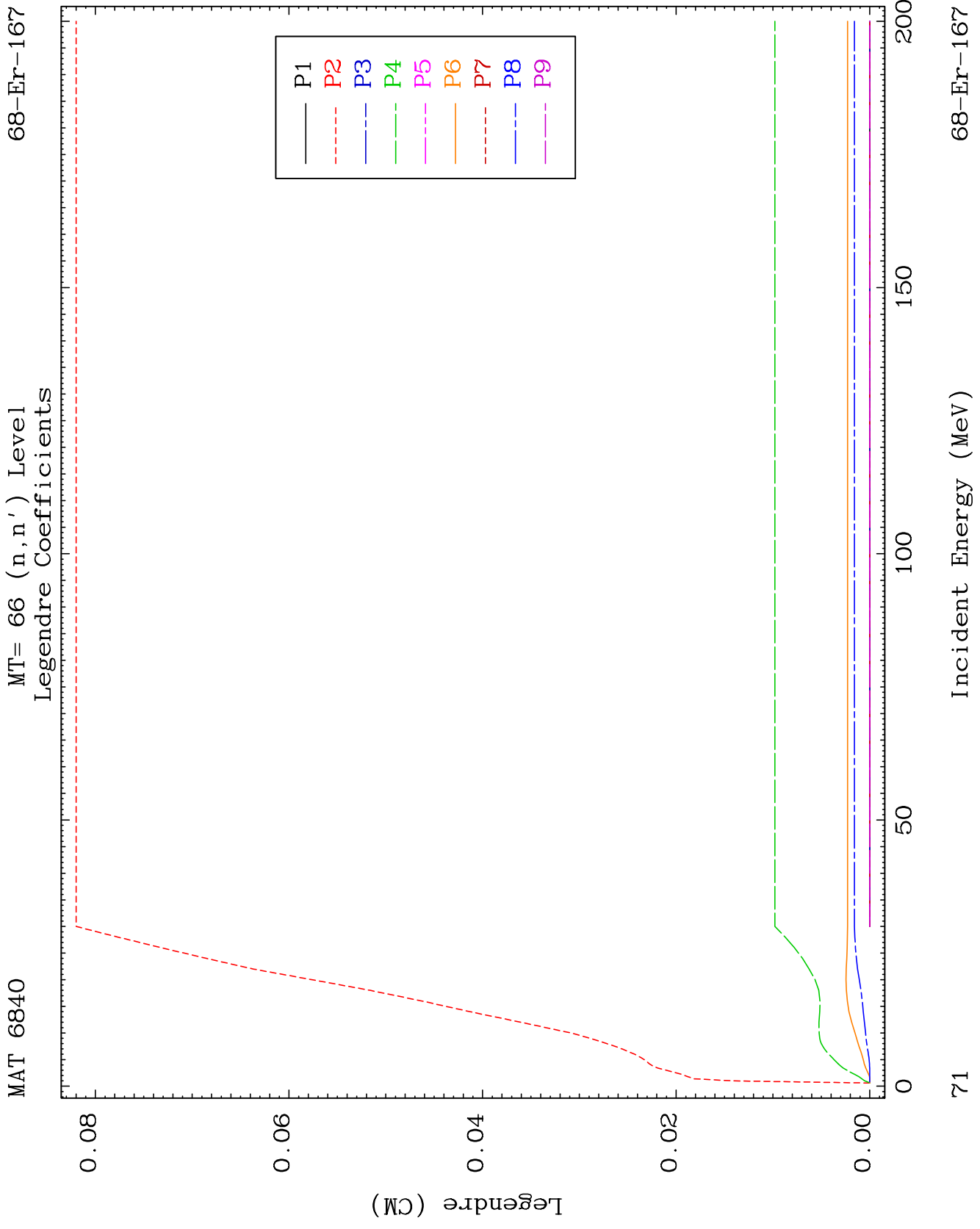


69

Incident Energy (MeV)

68-Er-167

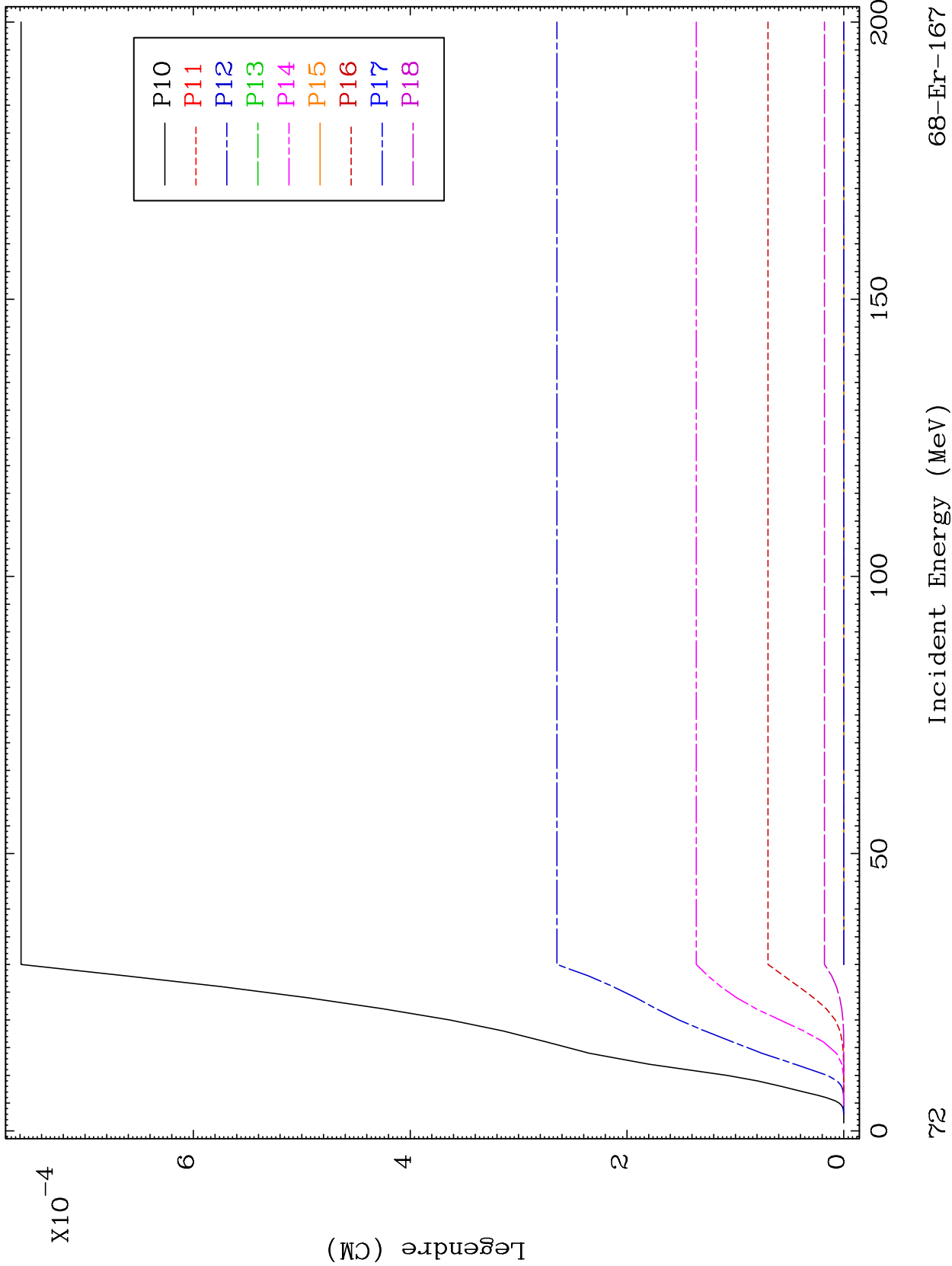




MAT 6840

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

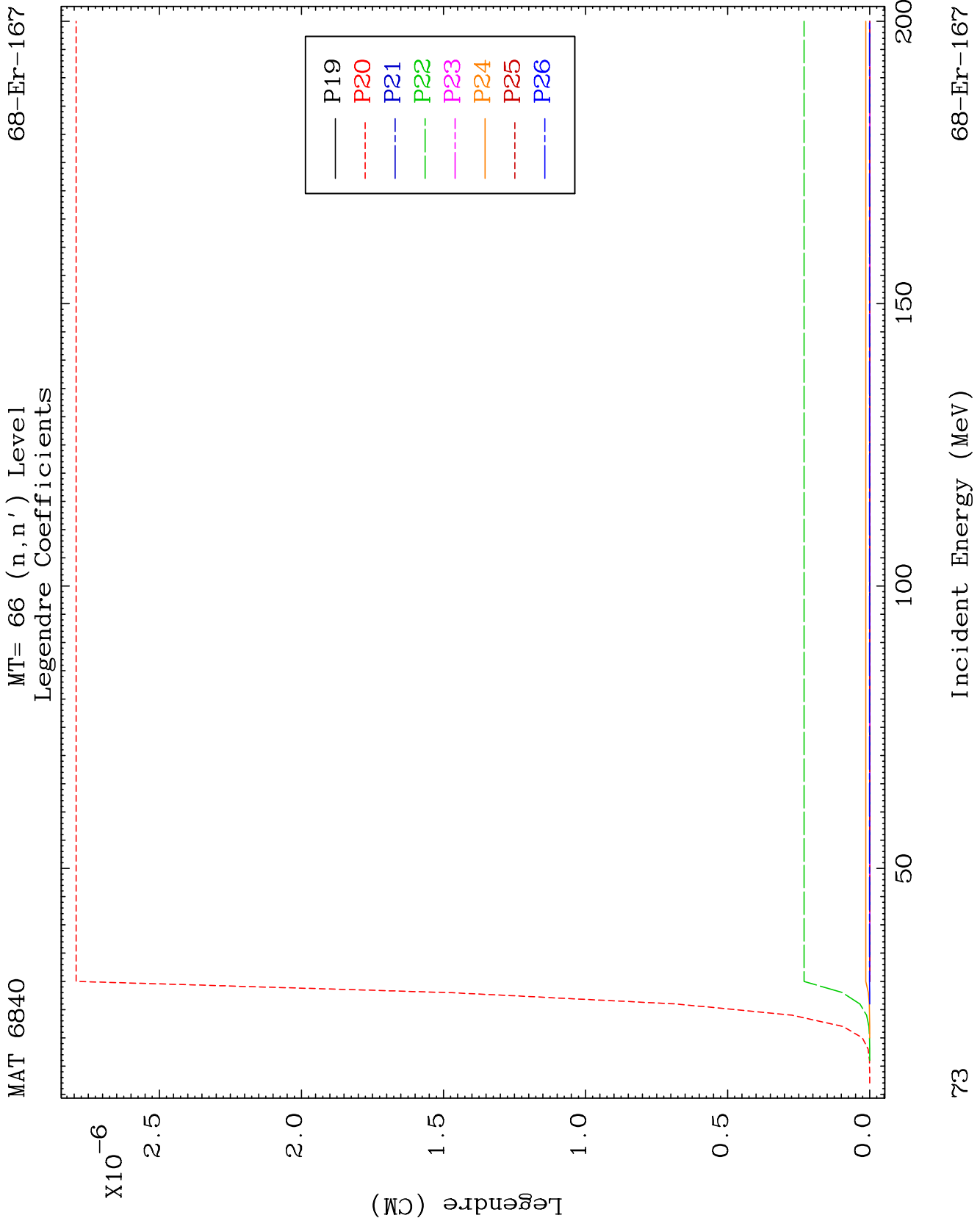
68-Er-167



72

Incident Energy (MeV)

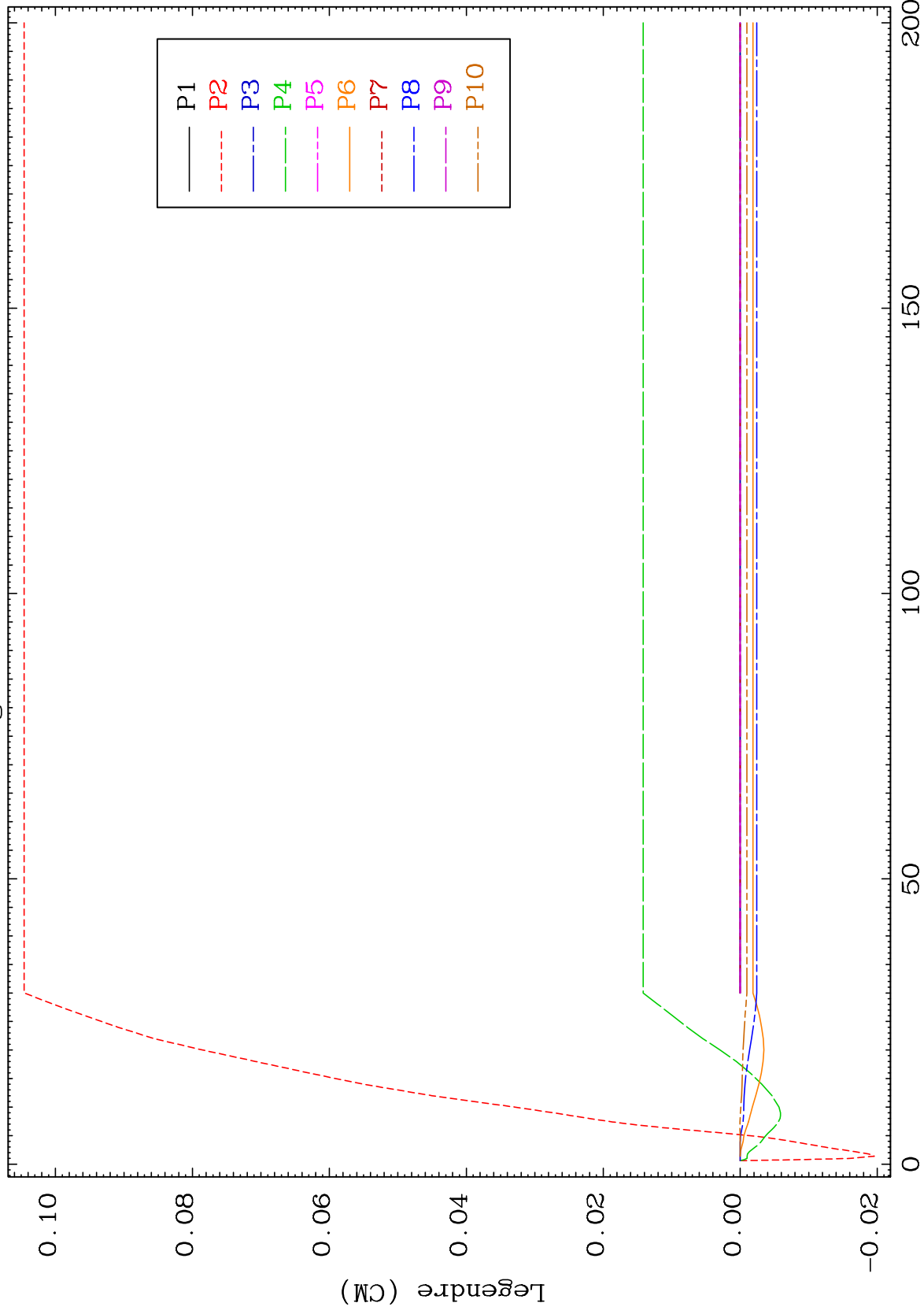
68-Er-167



MAT 6840

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

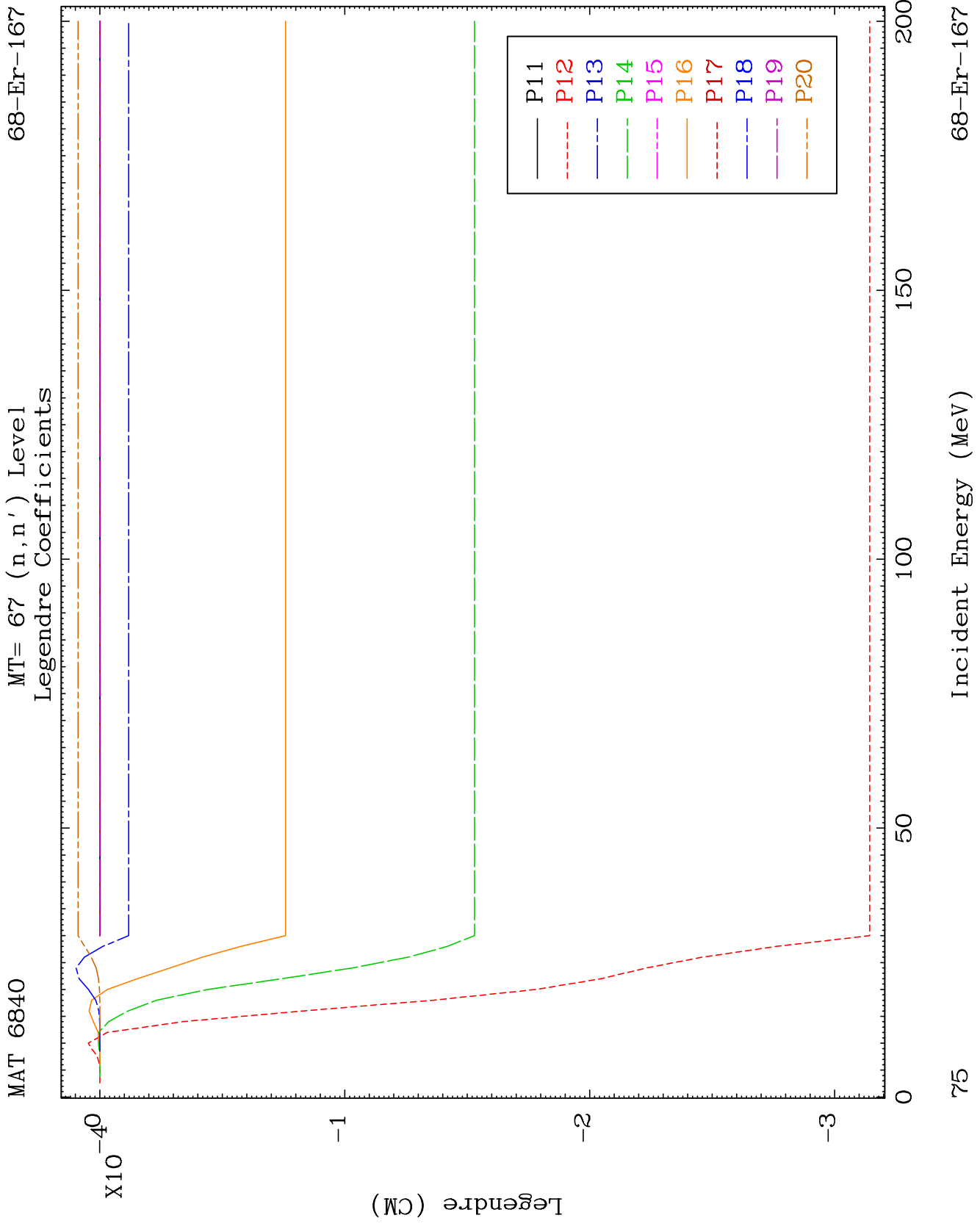
68-Er-167

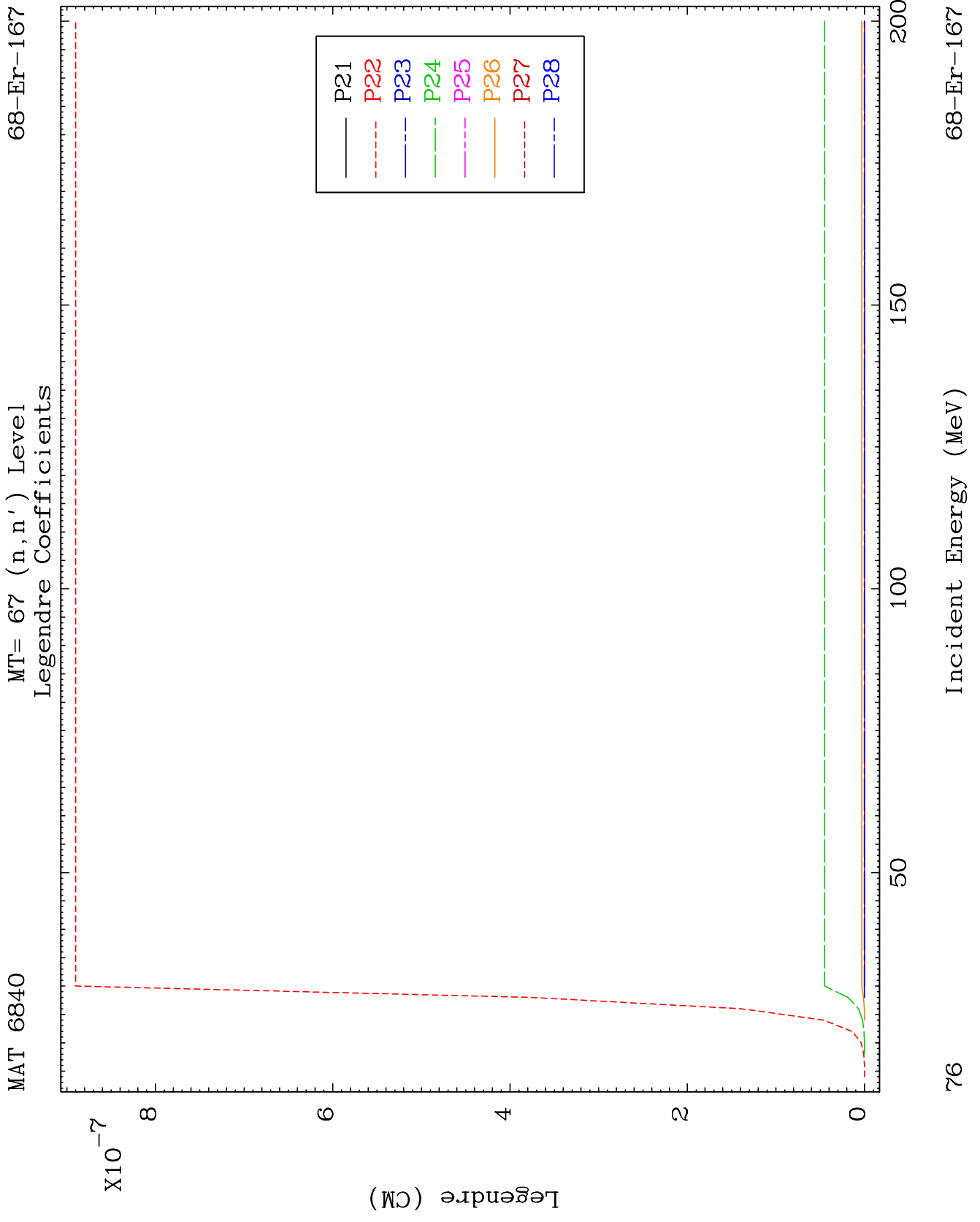


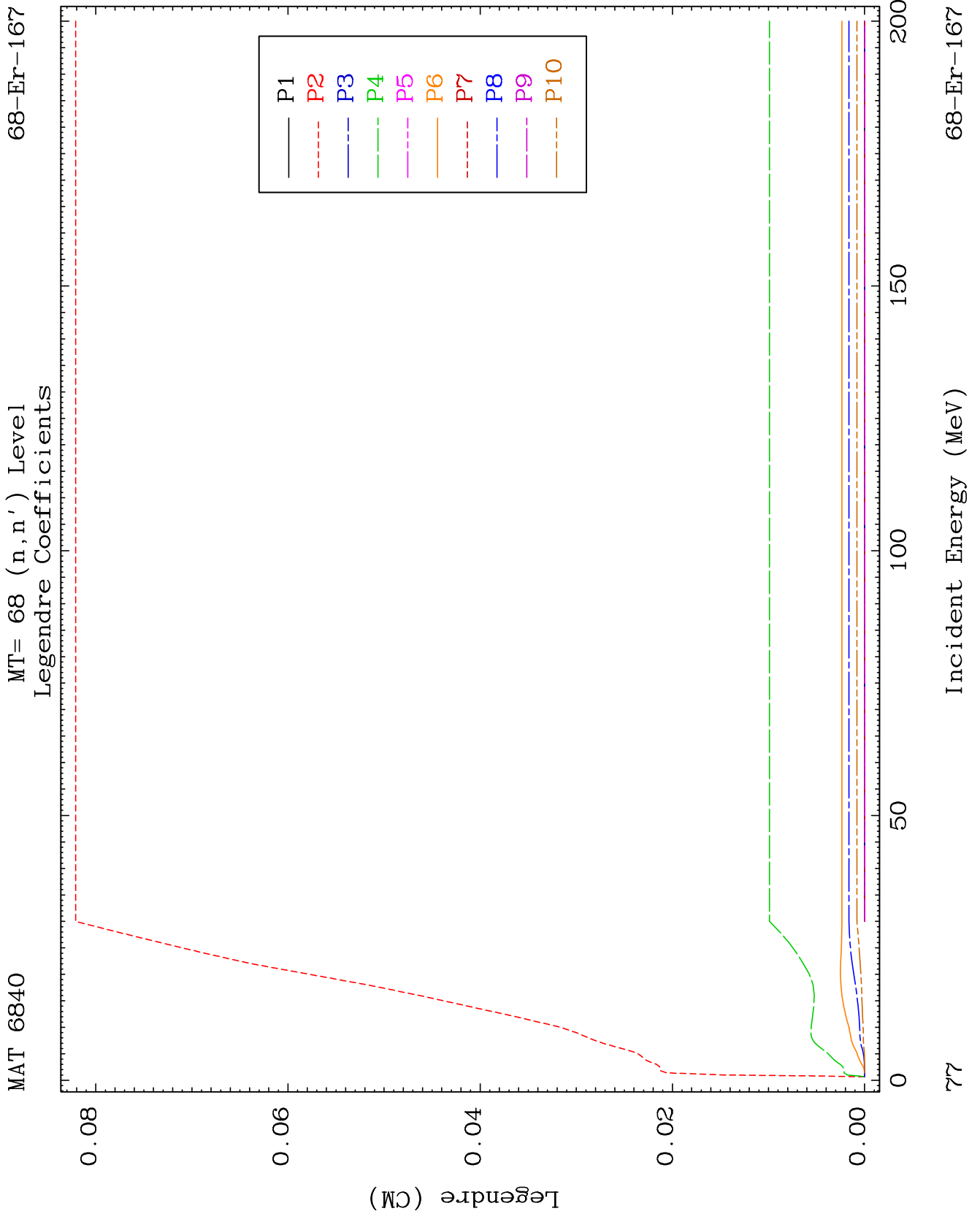
74

Incident Energy (MeV)

68-Er-167



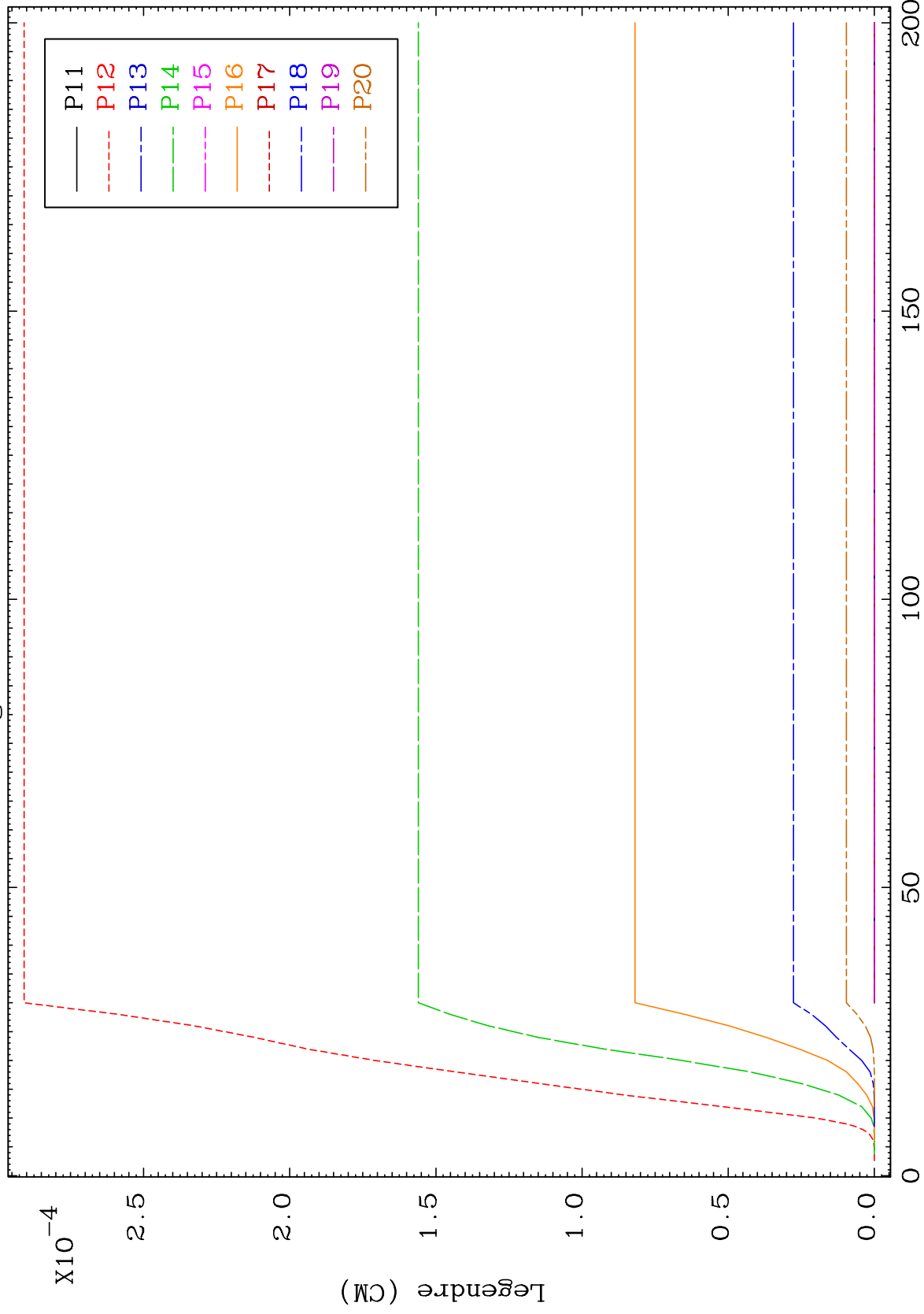




MAT 6840

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

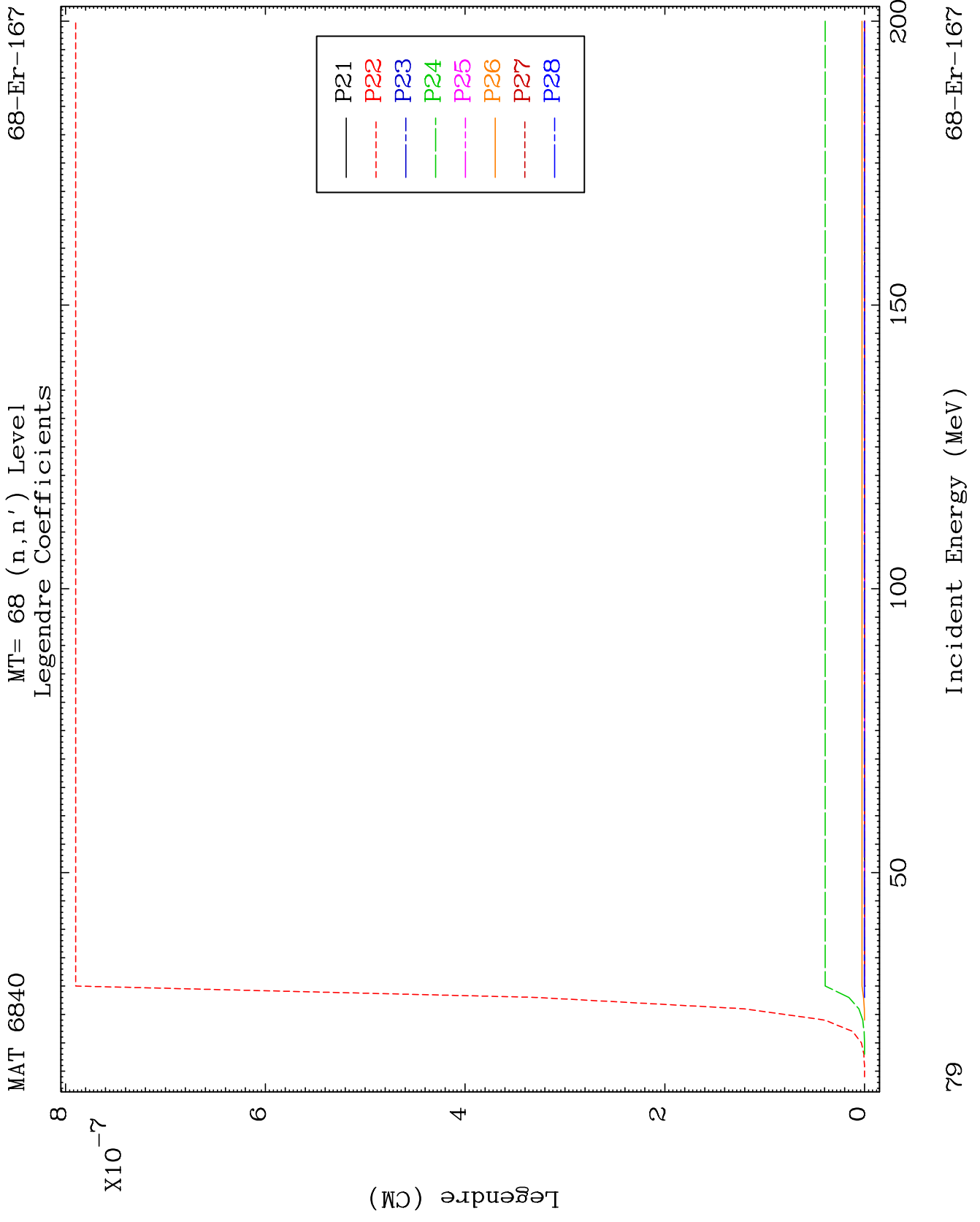
68-Er-167



78

Incident Energy (MeV)

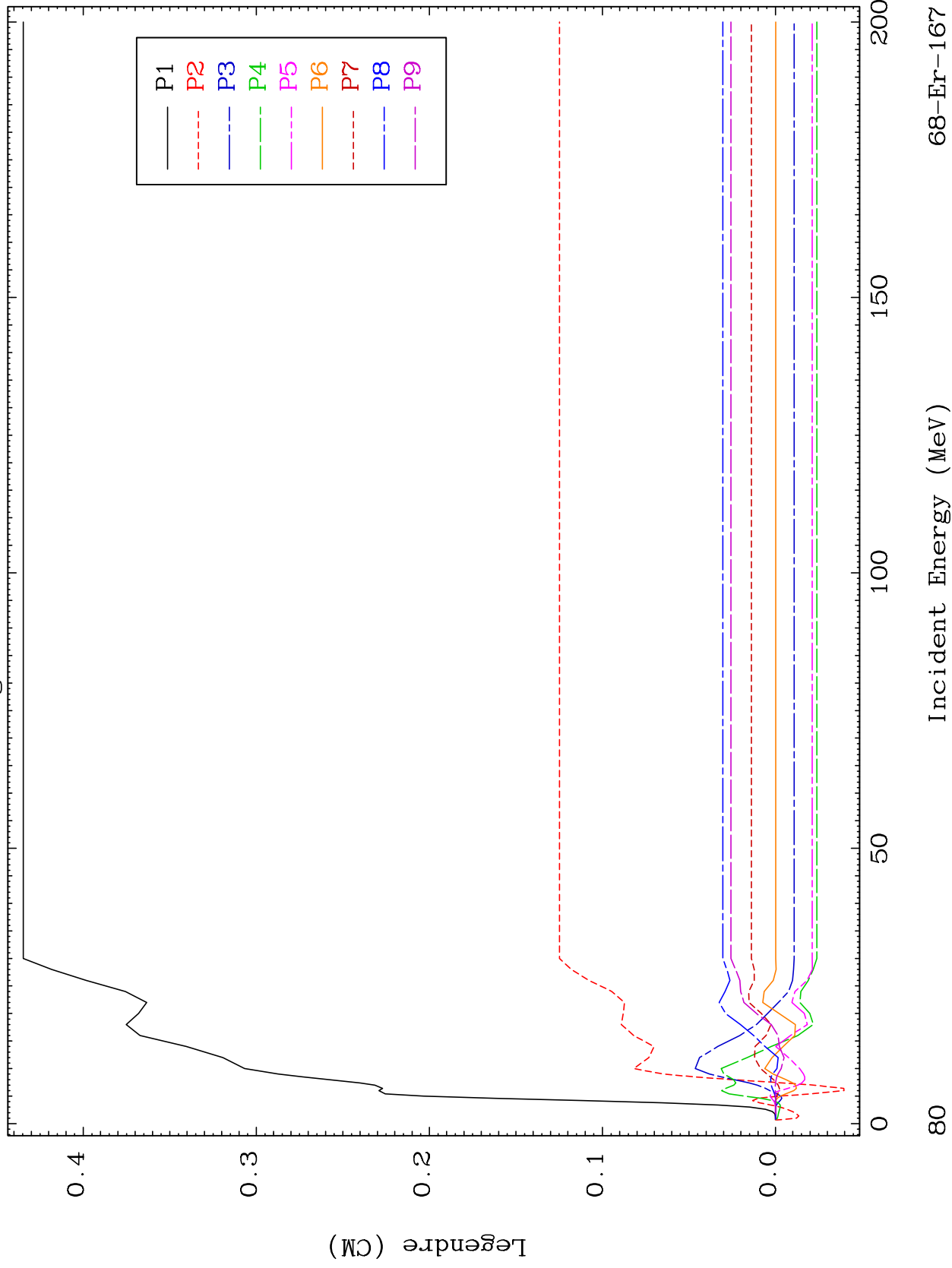
68-Er-167



MAT 6840

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

68-Er-167



68-Er-167

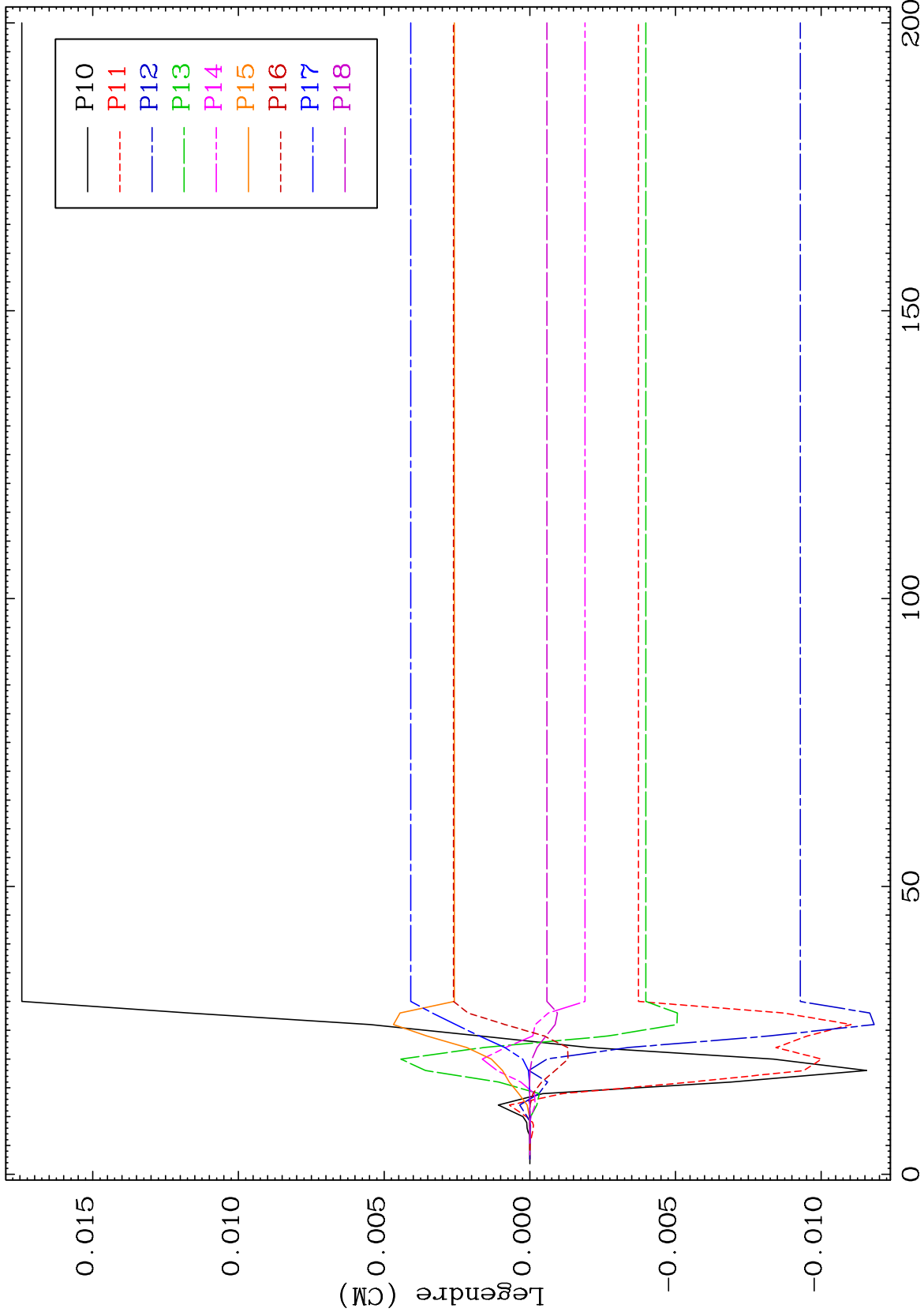
Incident Energy (MeV)

80

MAT 6840

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

68-Er-167



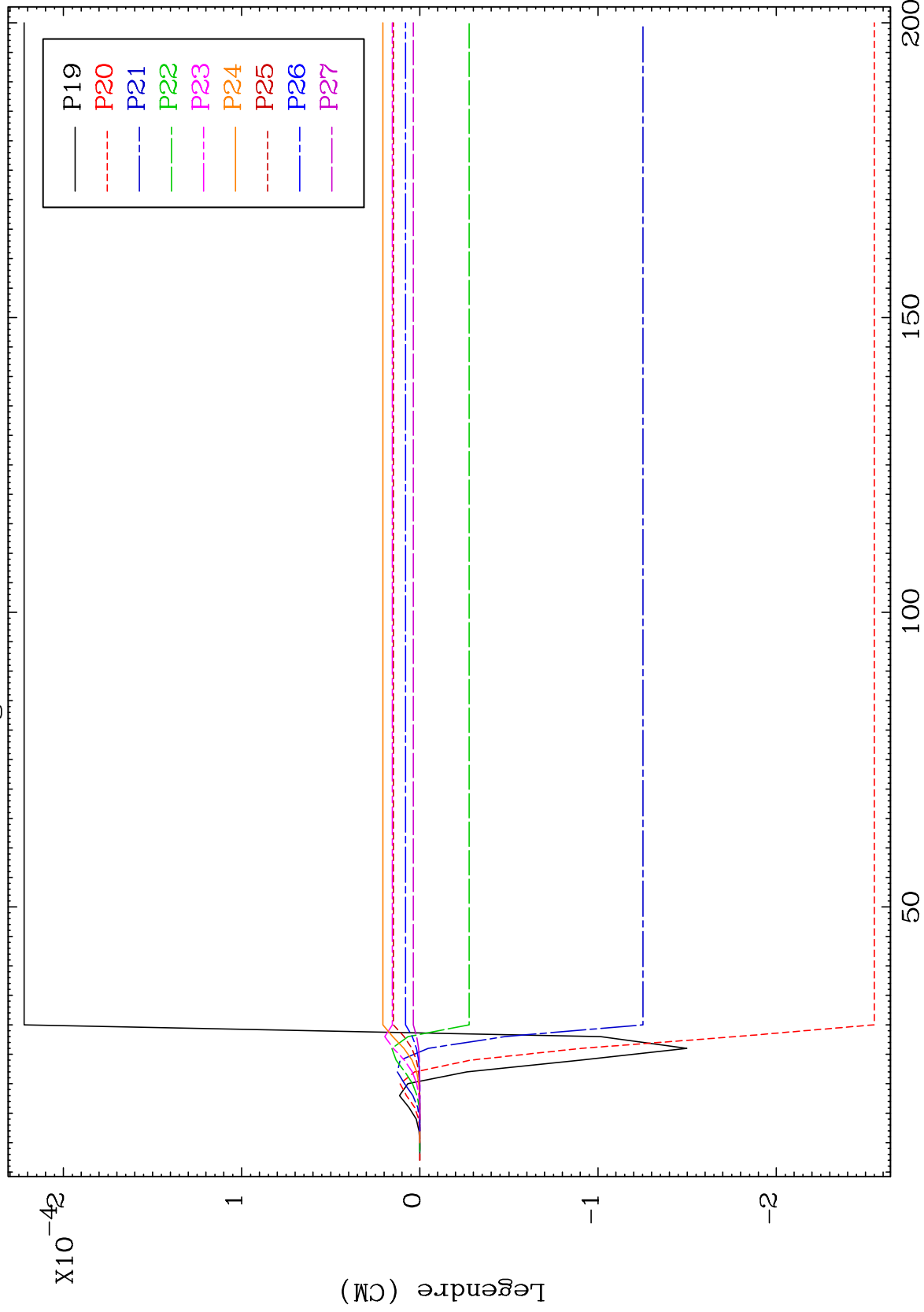
81

68-Er-167

MAT 6840

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

68-Er-167



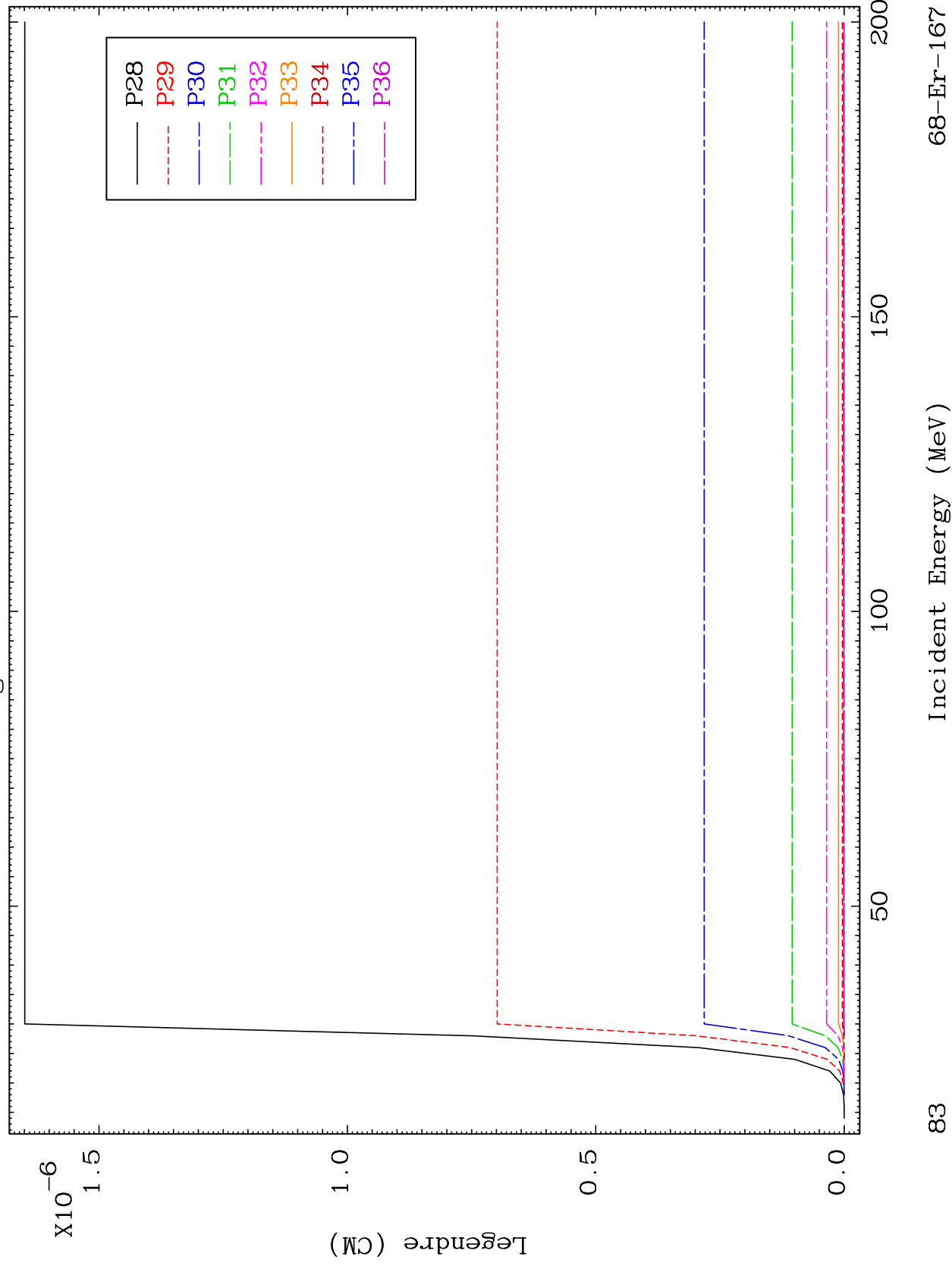
82

68-Er-167

MAT 6840

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

68-Er-167



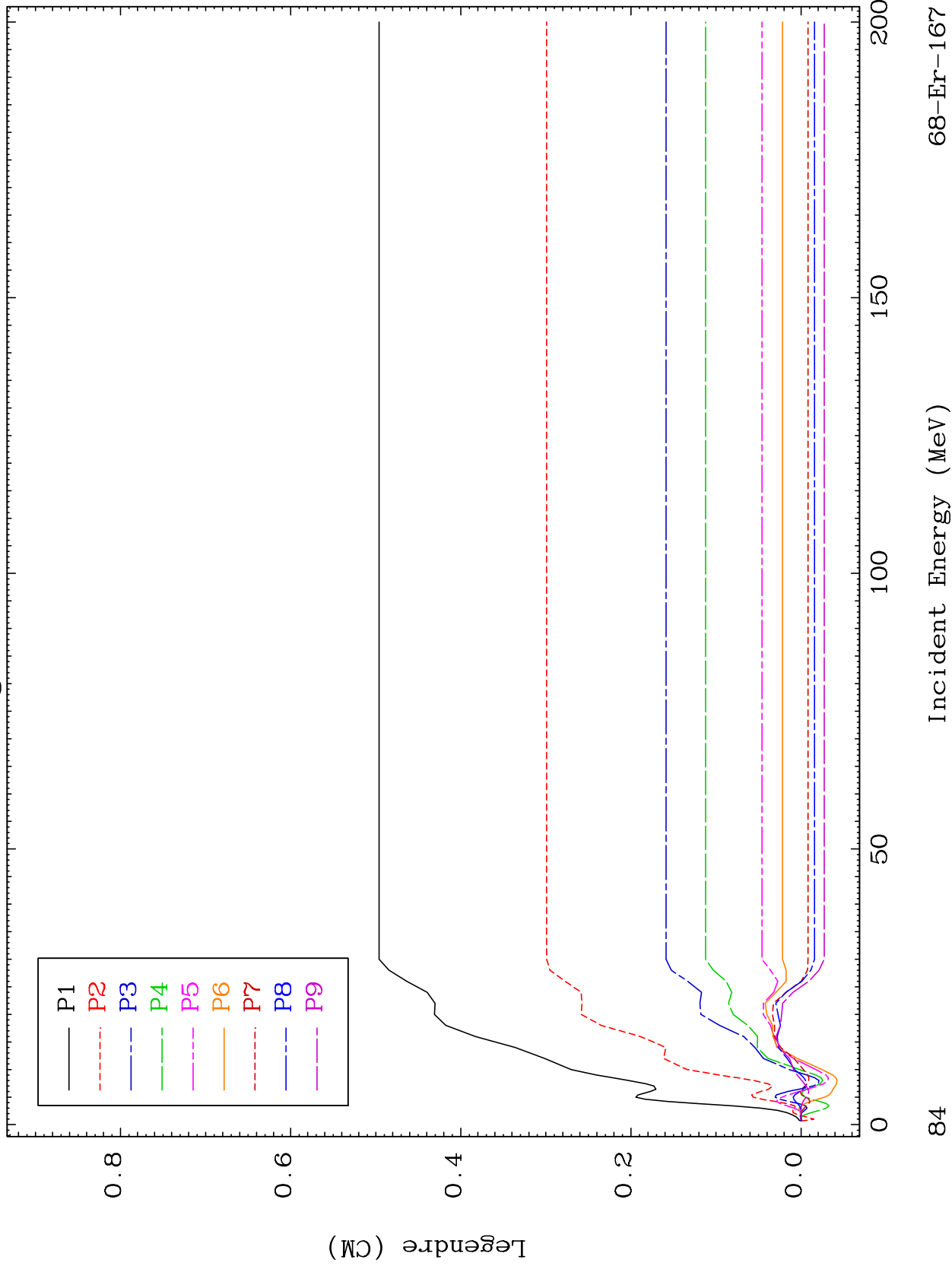
83

68-Er-167

MAT 6840

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

68-Er-167



68-Er-167

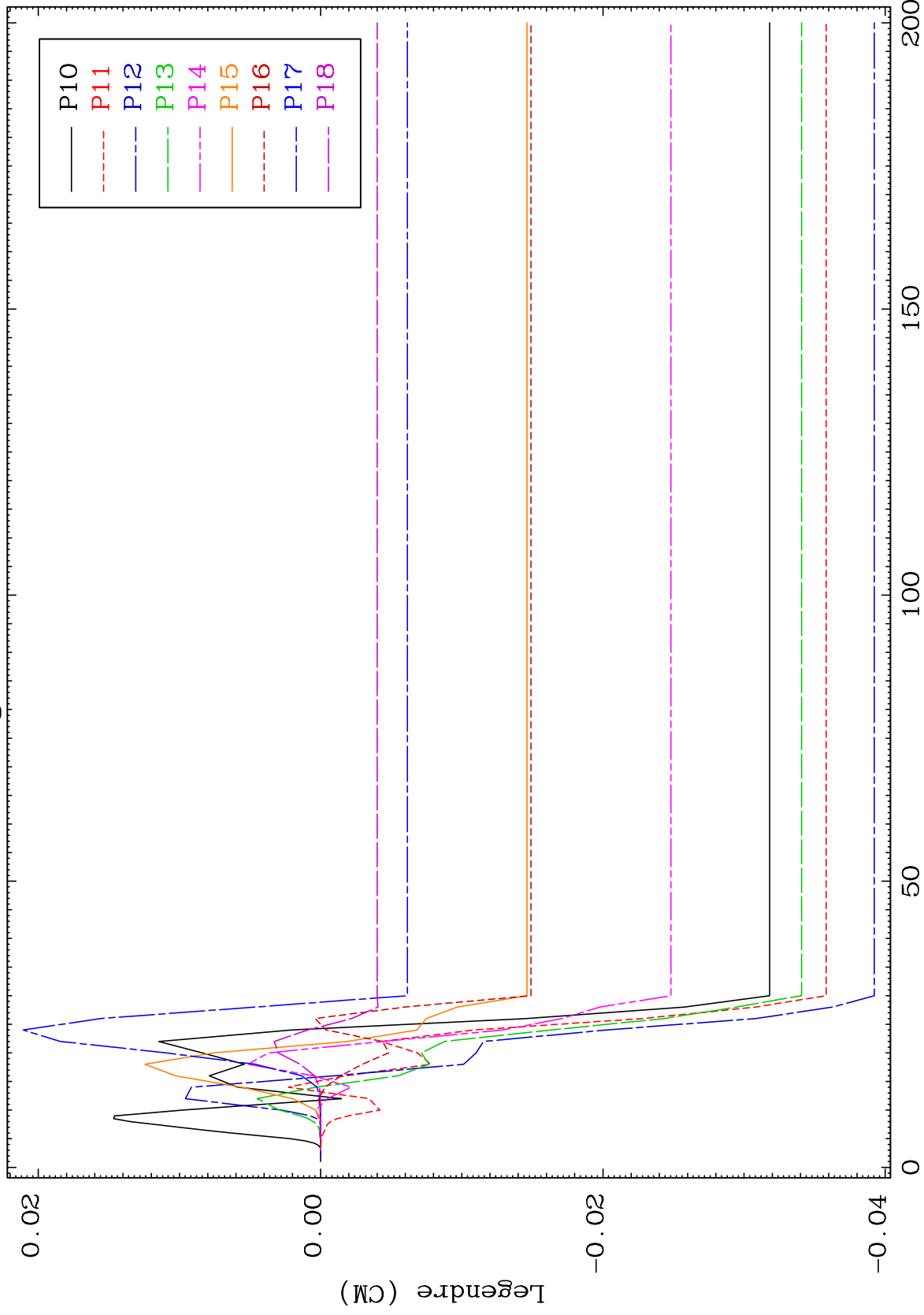
Incident Energy (MeV)

84

MAT 6840

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

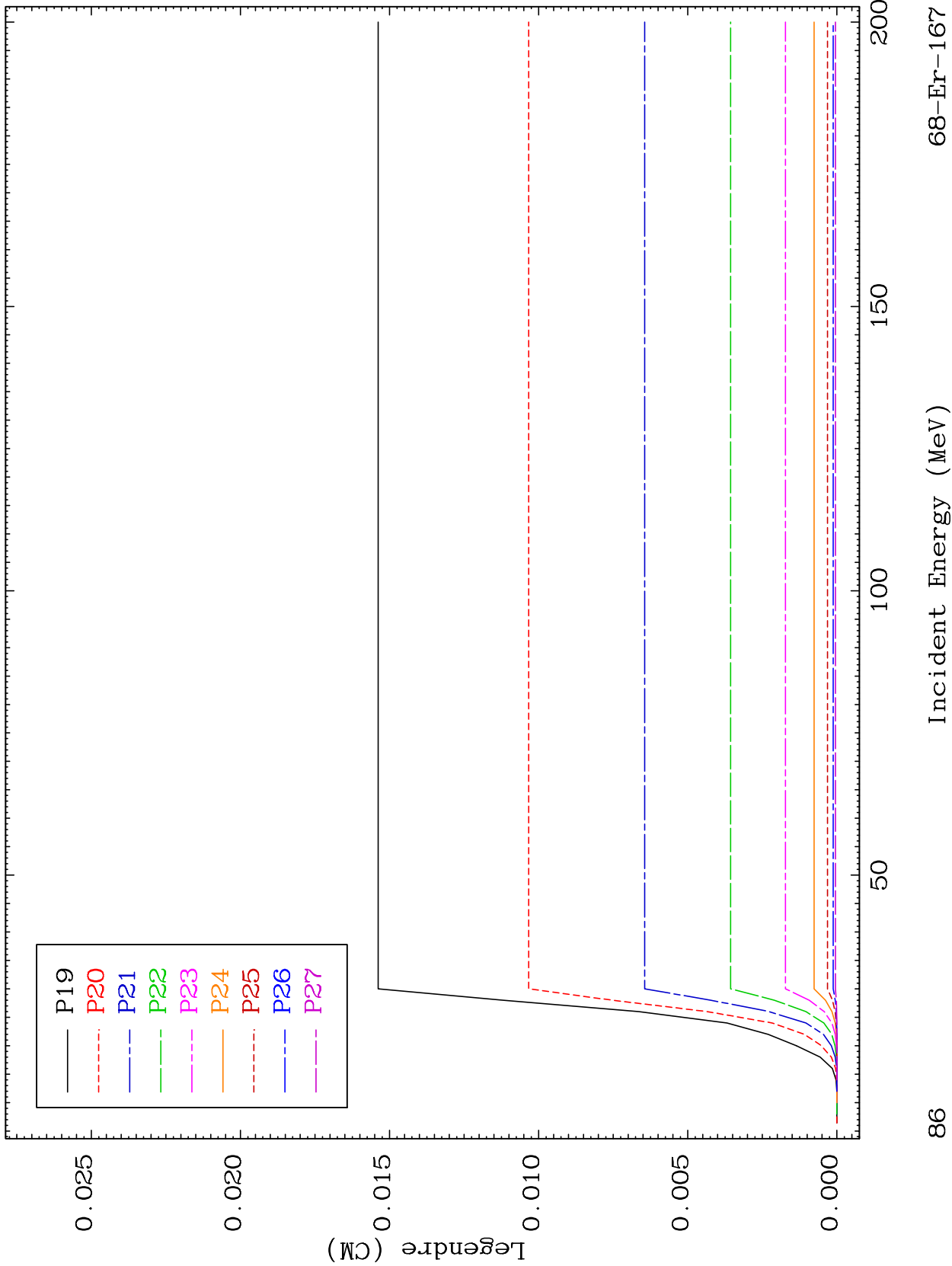
68-Er-167



85

Incident Energy (MeV)

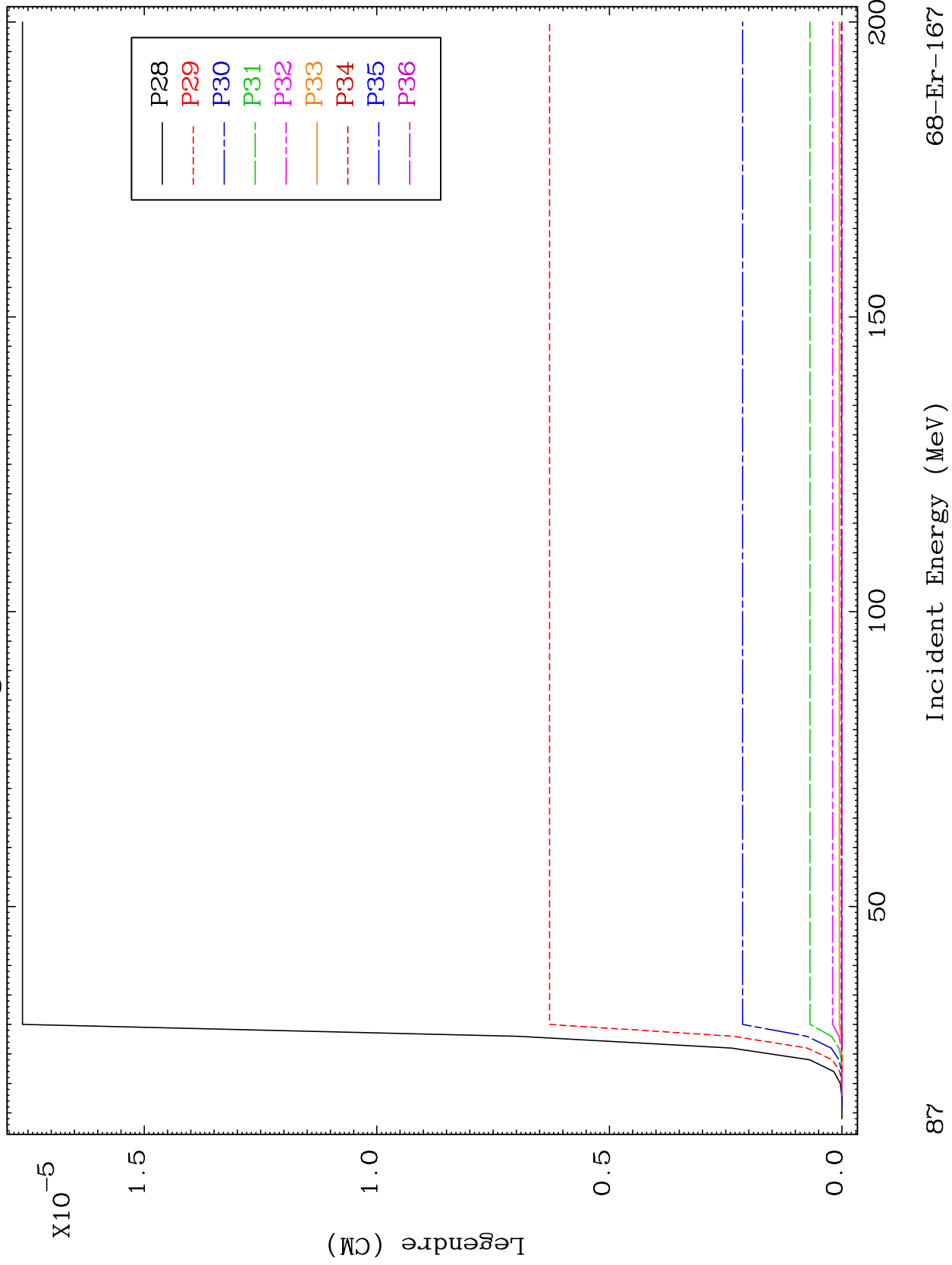
68-Er-167



MAT 6840

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

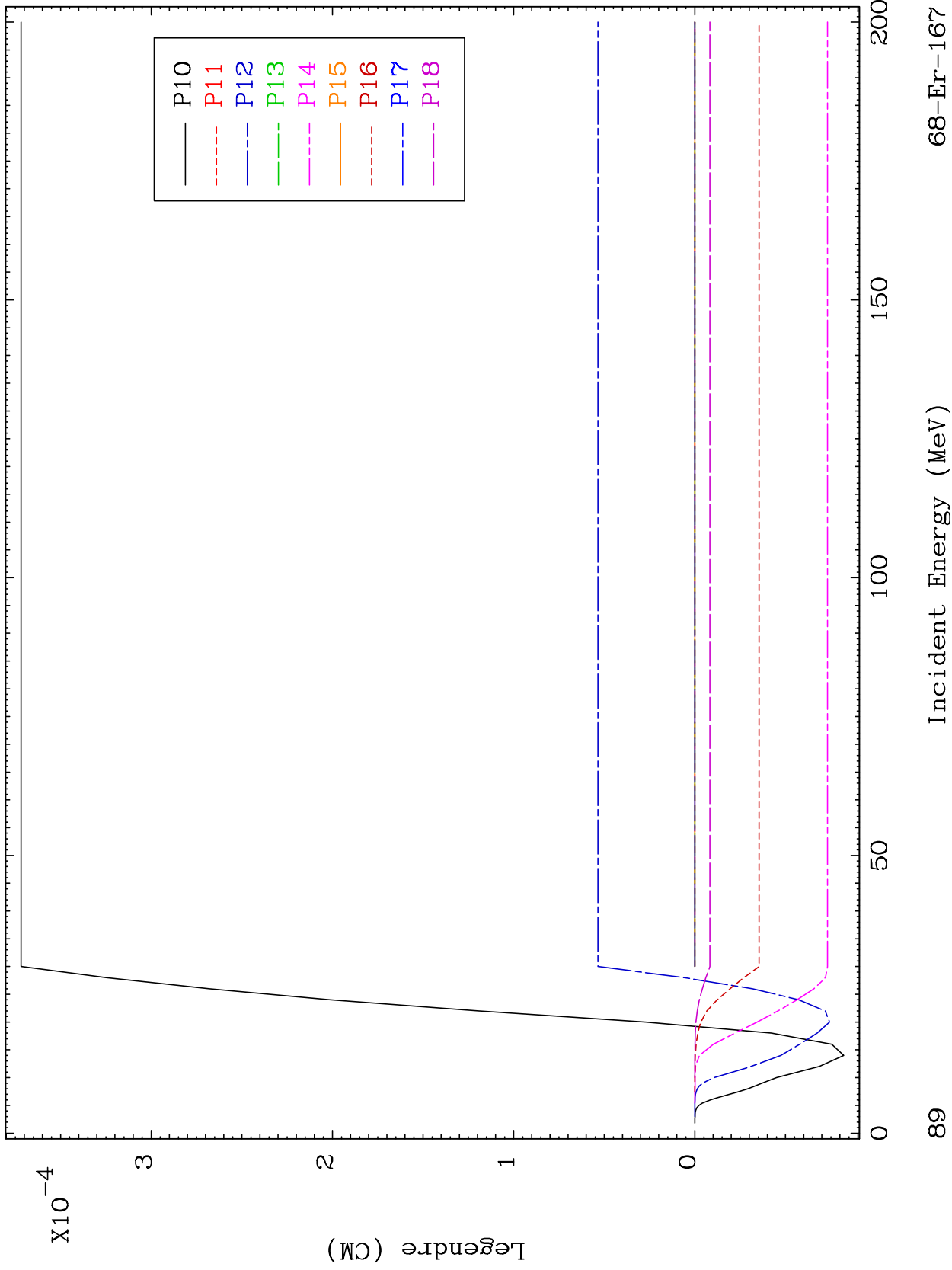
68-Er-167

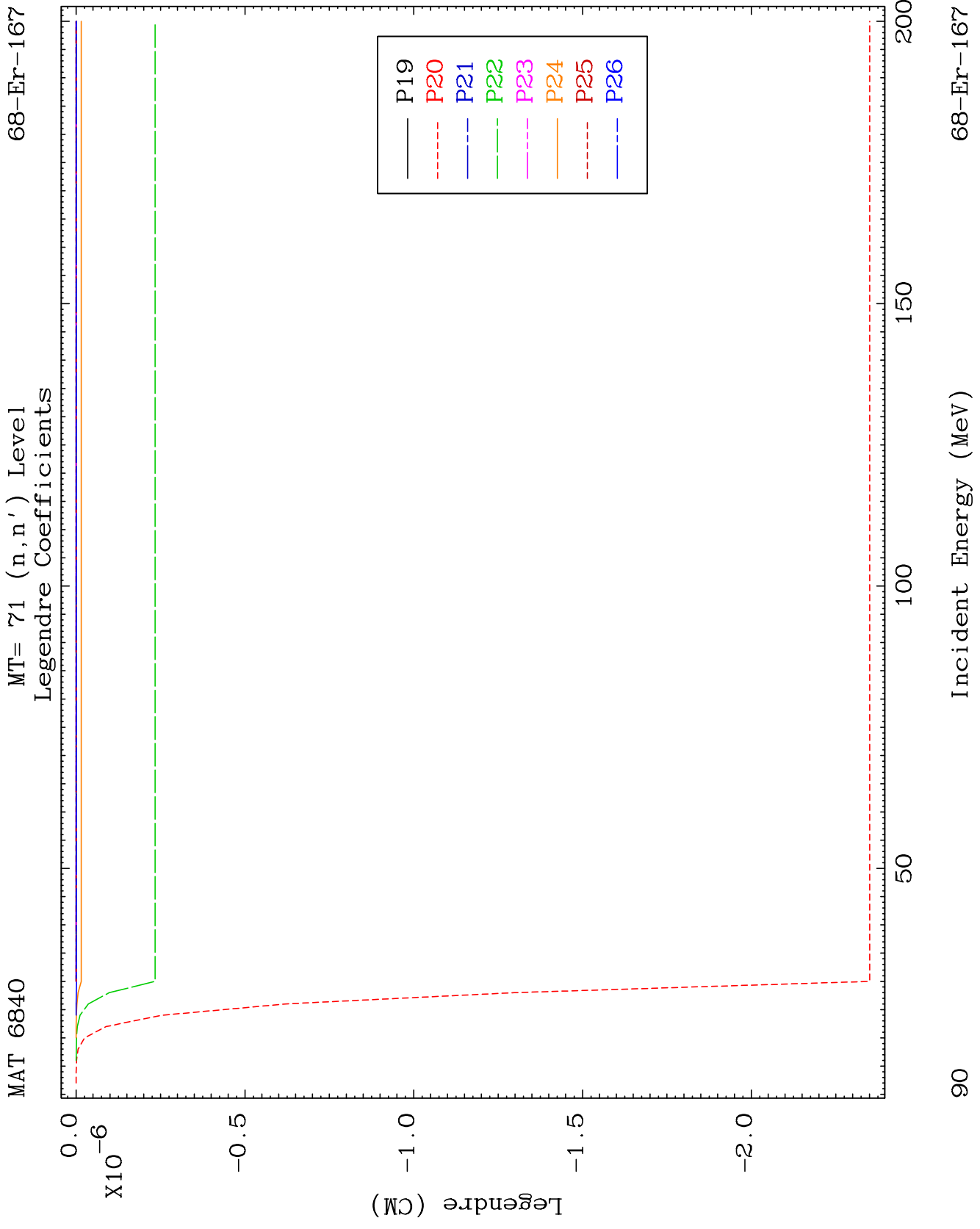


MAT 6840

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

68-Er-167

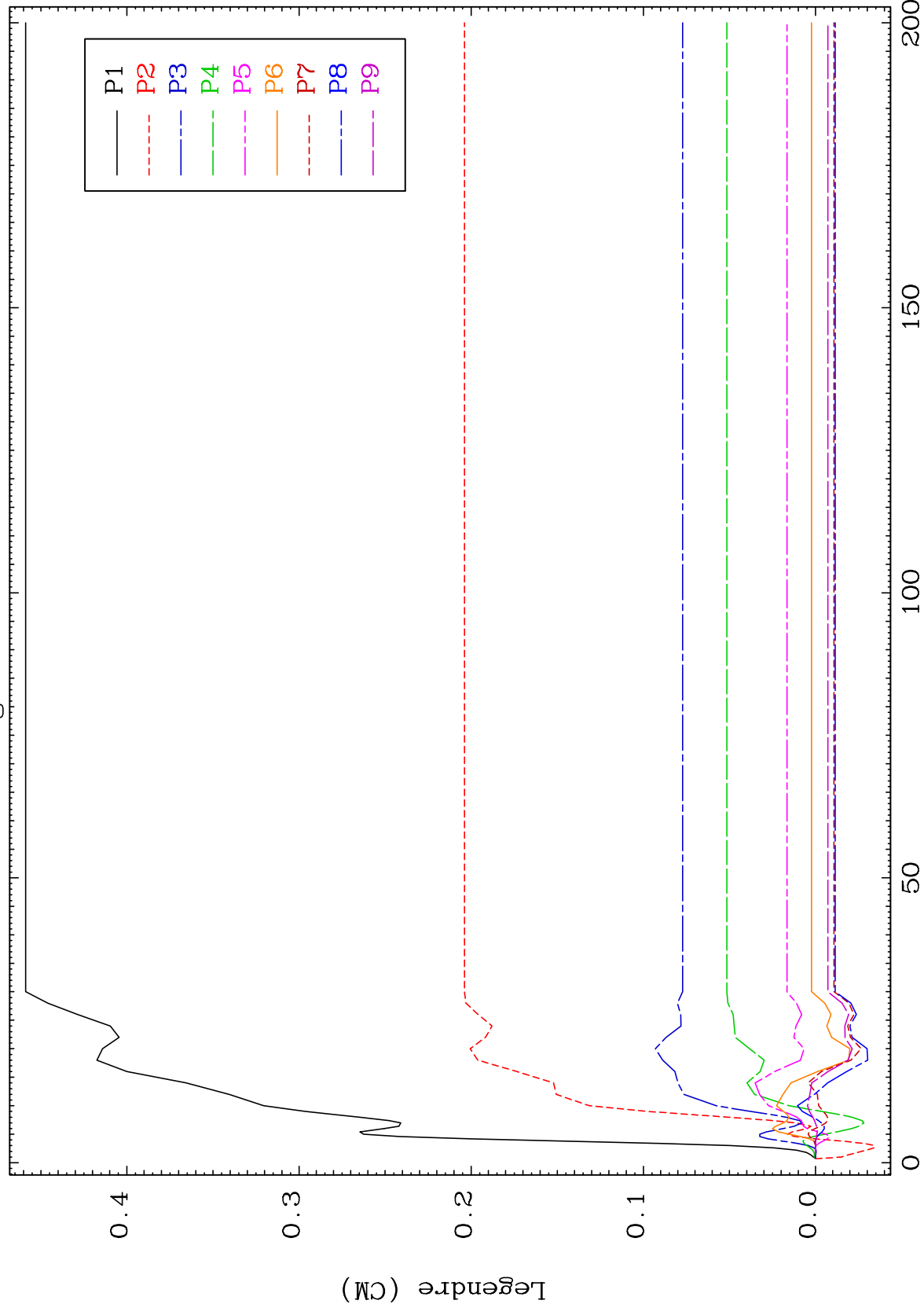




MAT 6840

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

68-Er-167



91

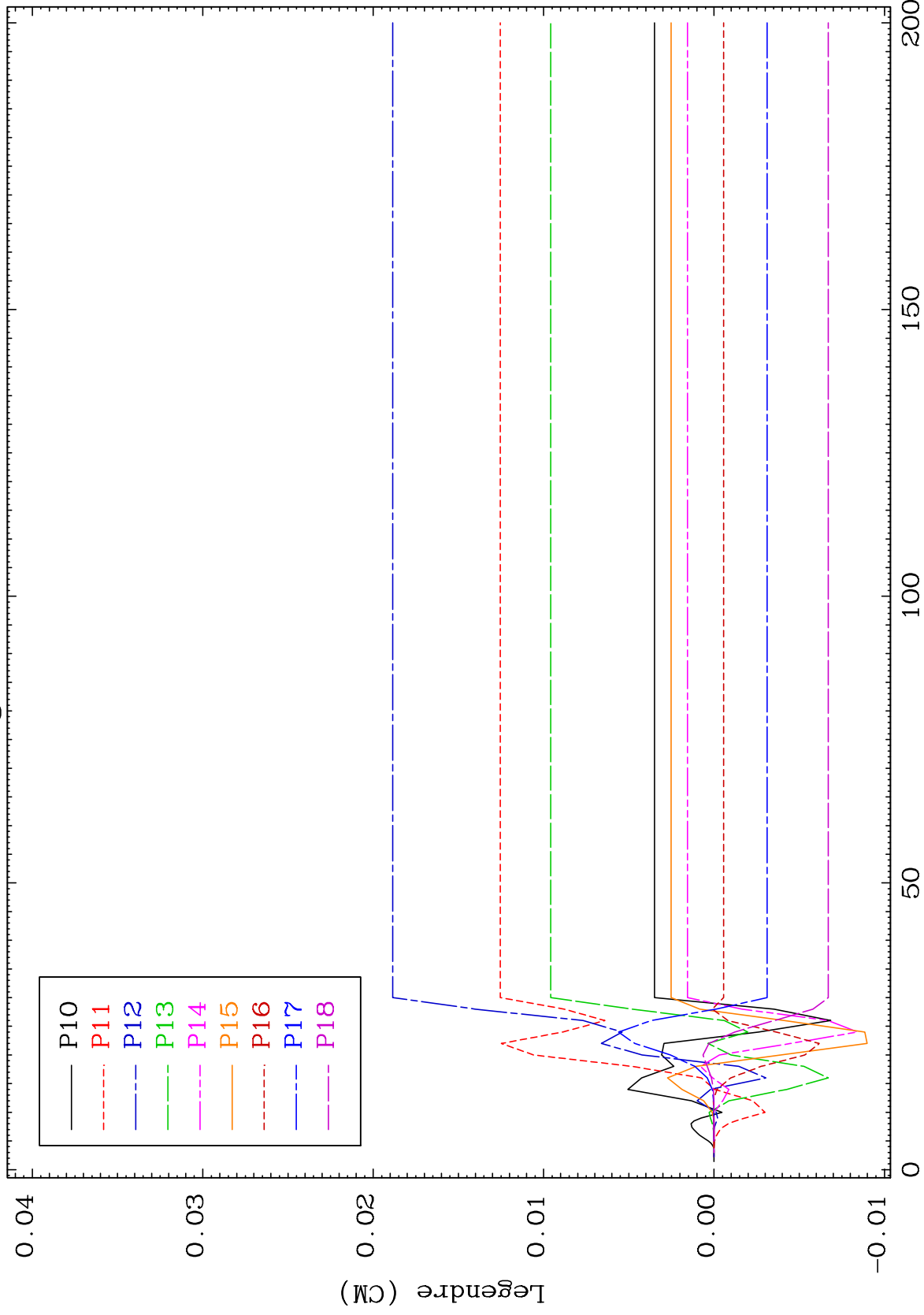
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



92

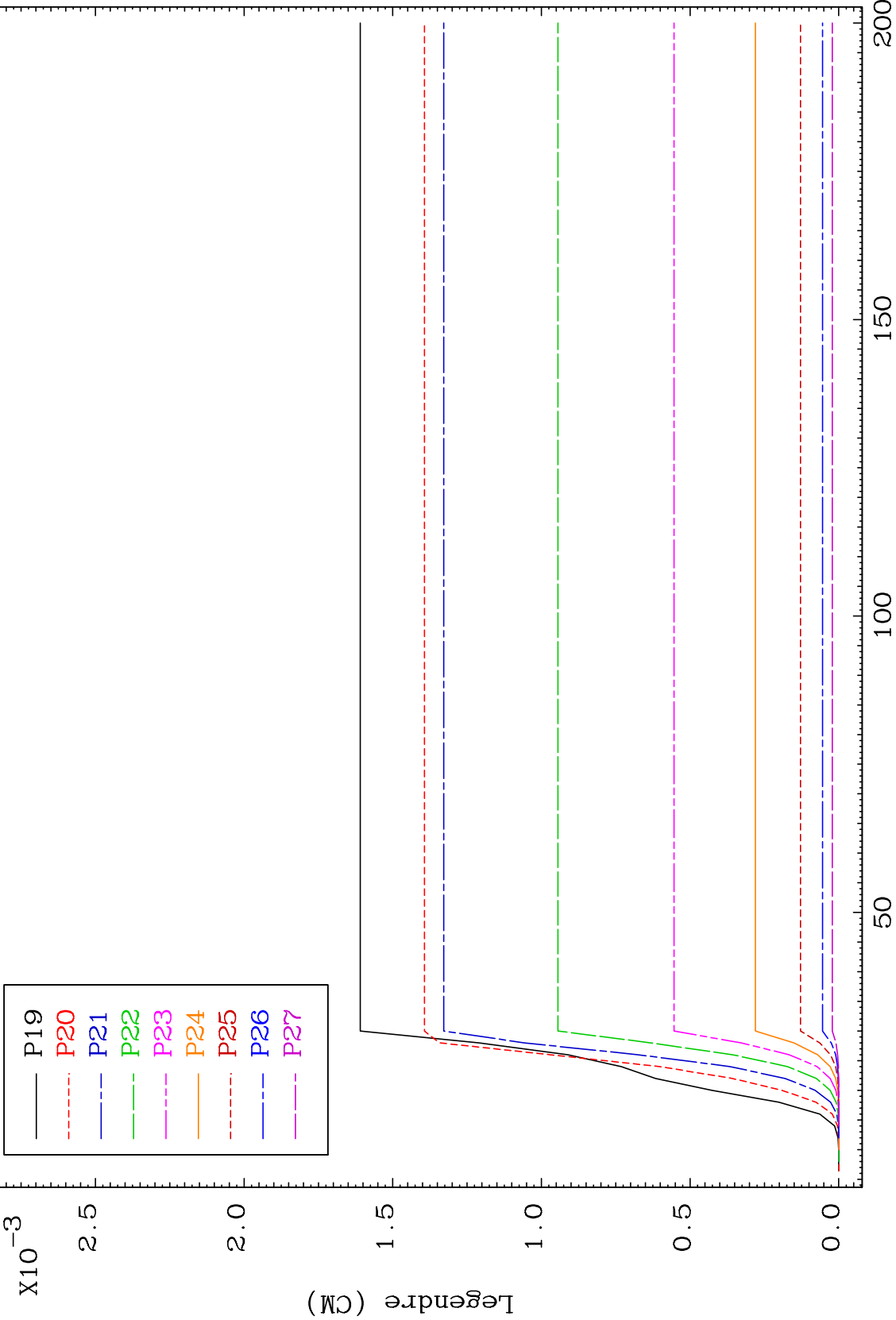
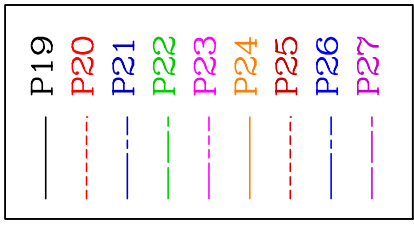
Incident Energy (MeV)

68-Er-167

MAT 6840

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

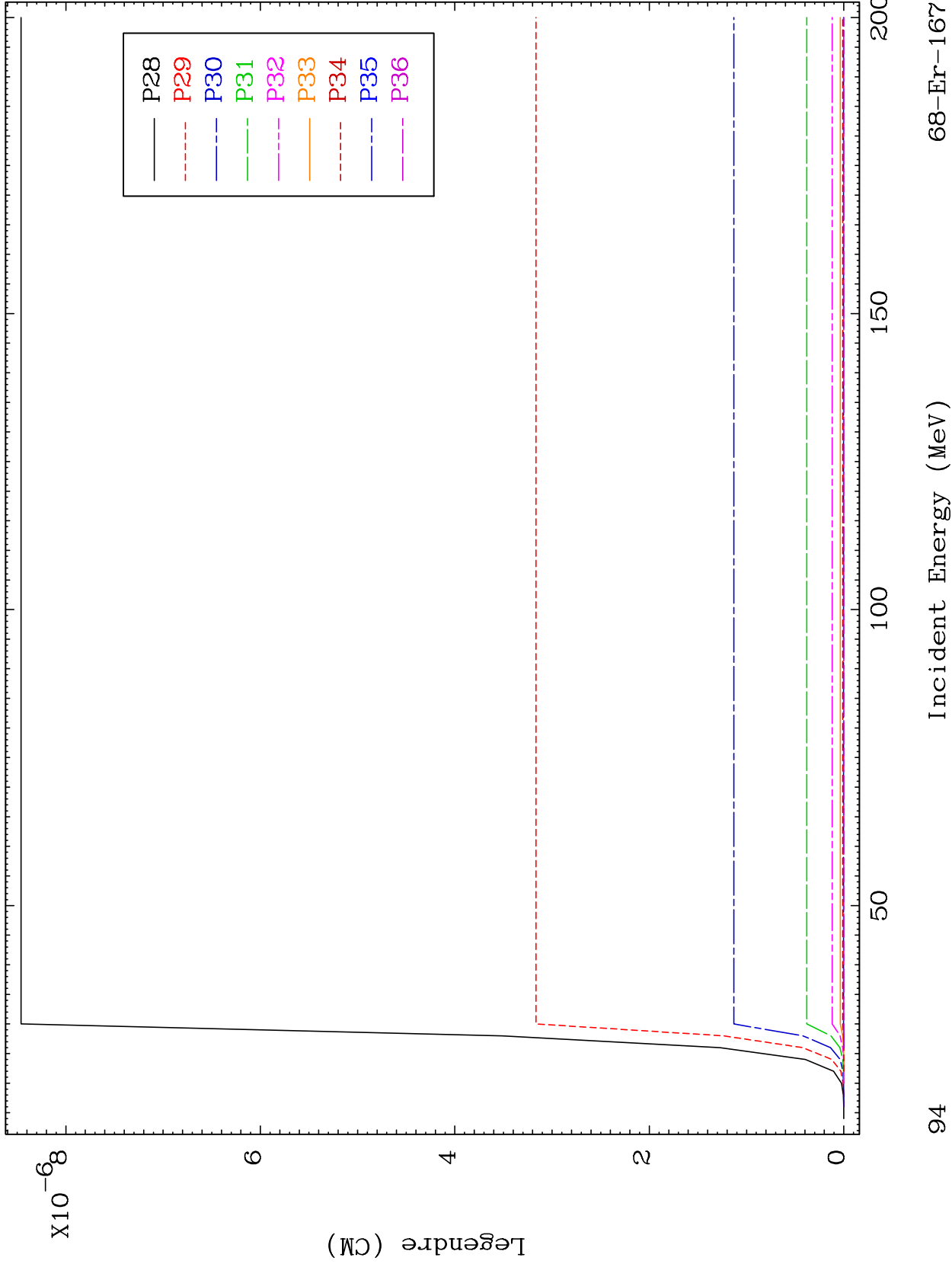
68-Er-167



MAT 6840

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

68-Er-167



94

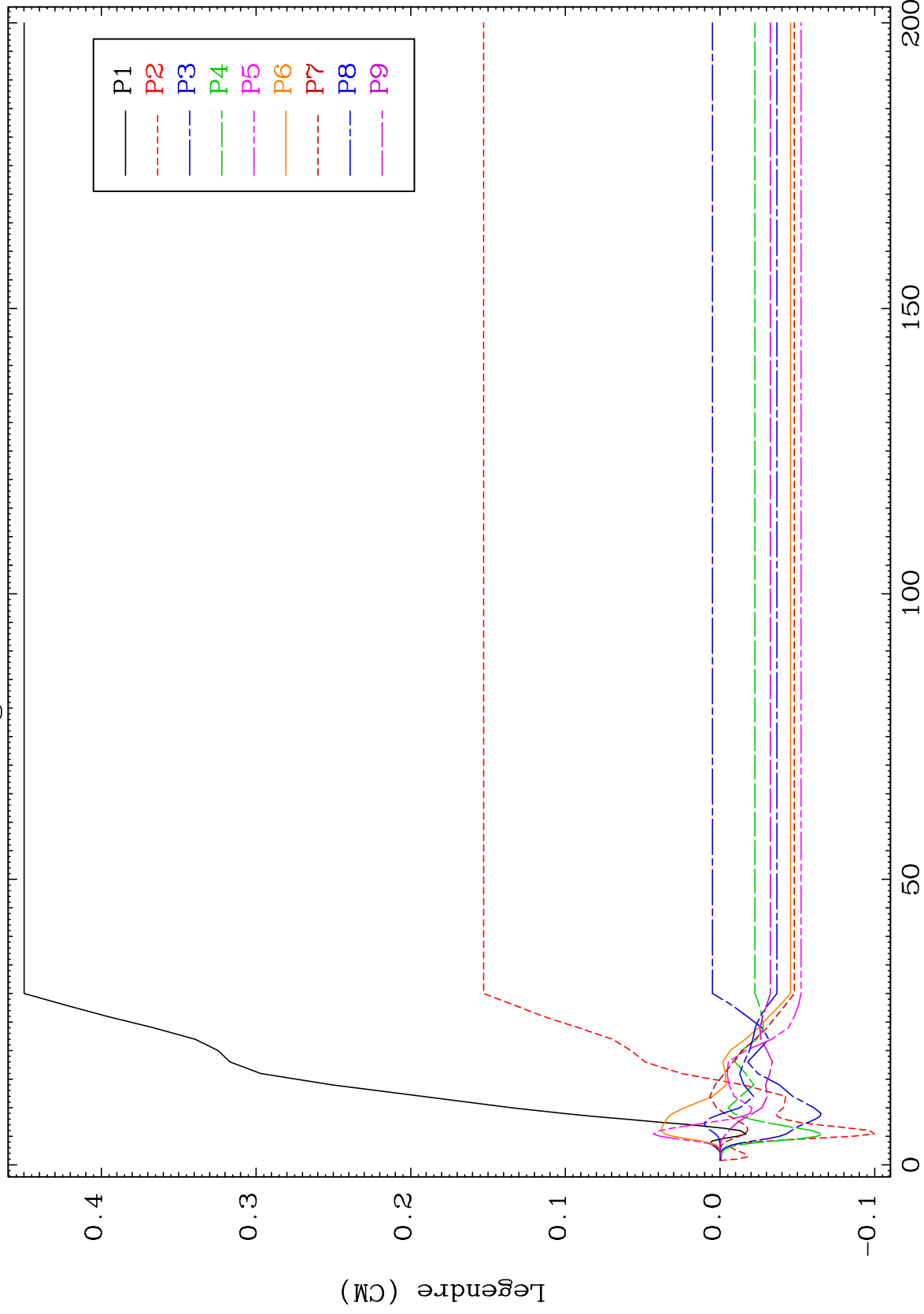
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



95

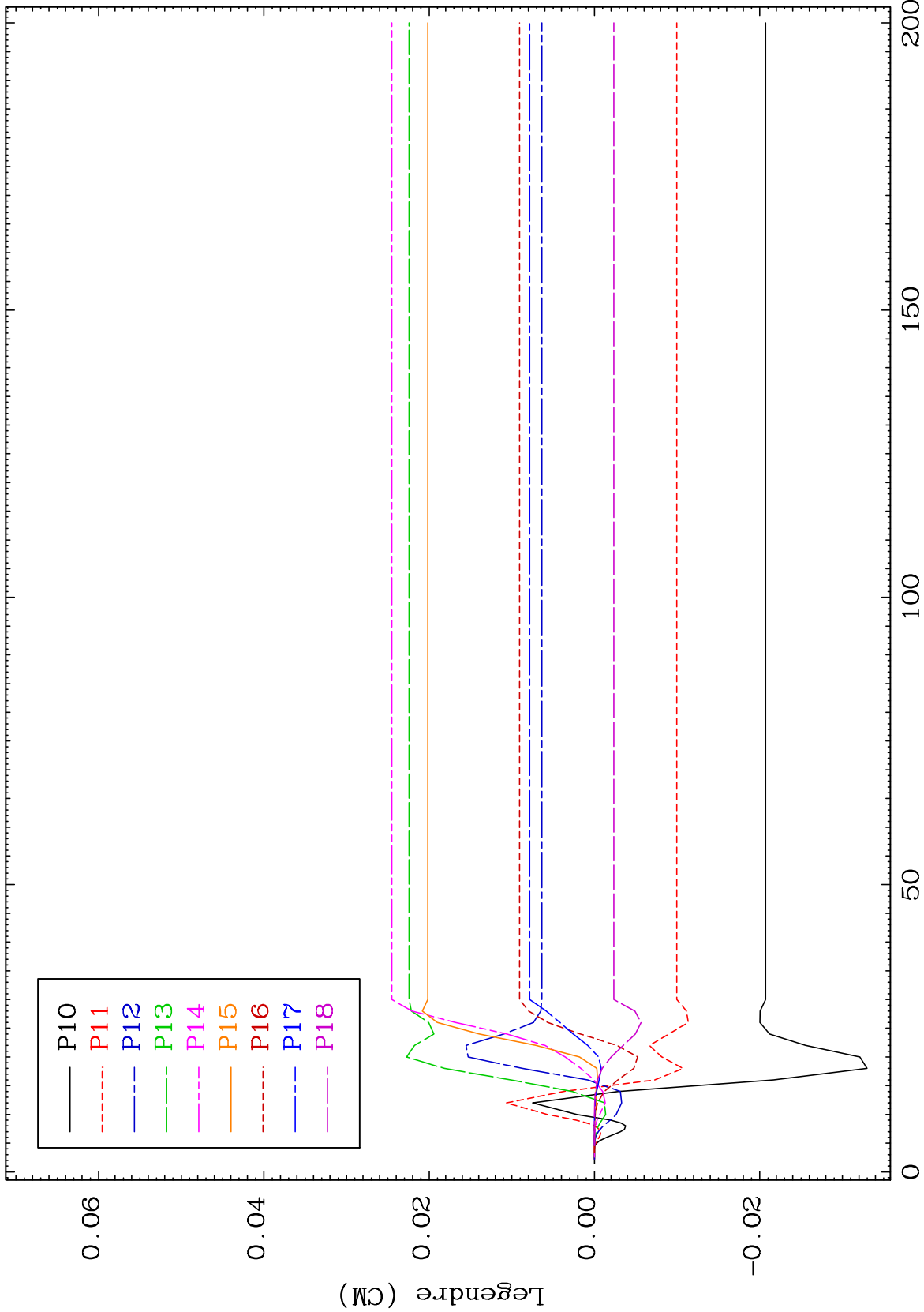
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



96

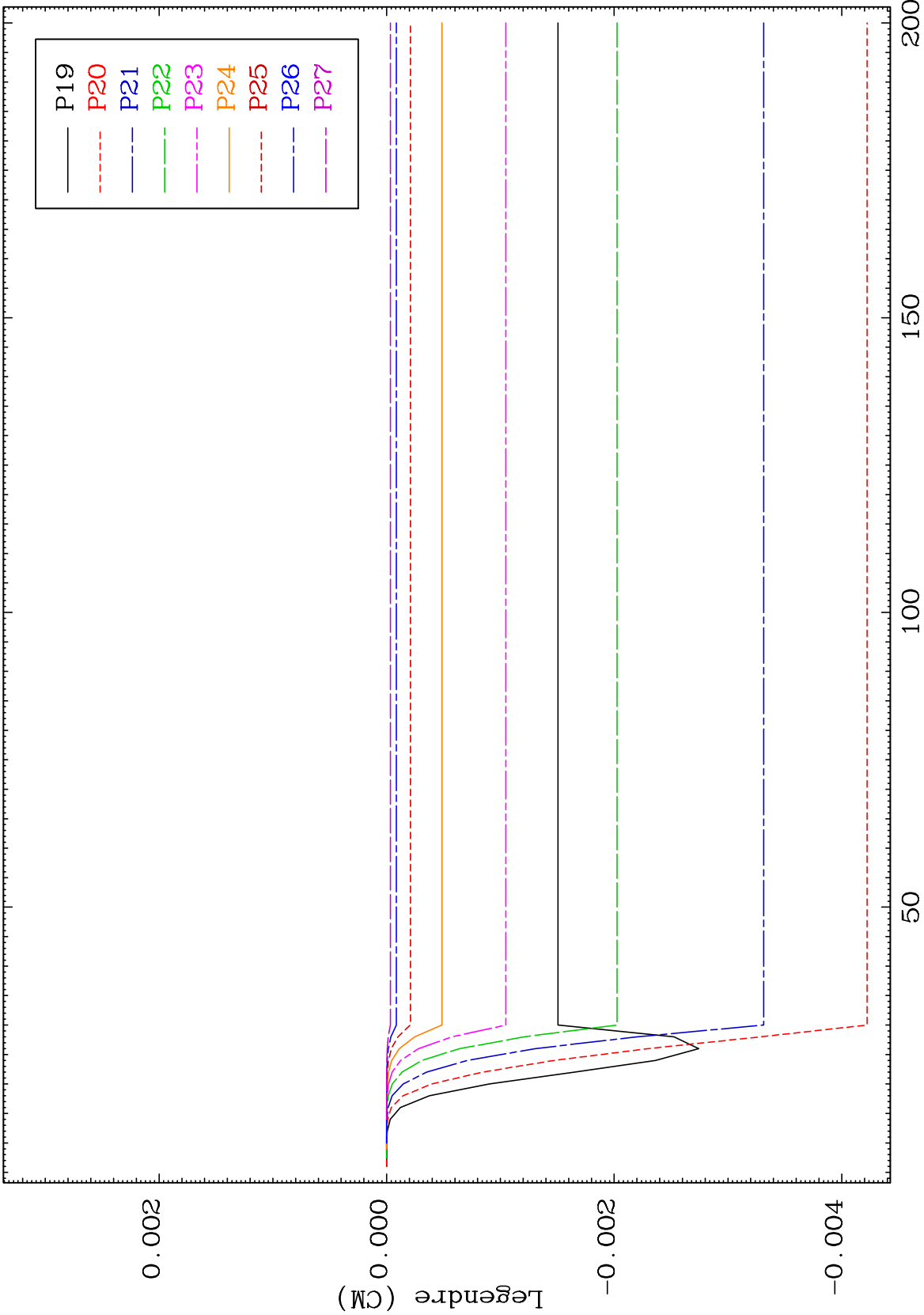
Incident Energy (MeV)

68-Er-167

MAT 6840

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

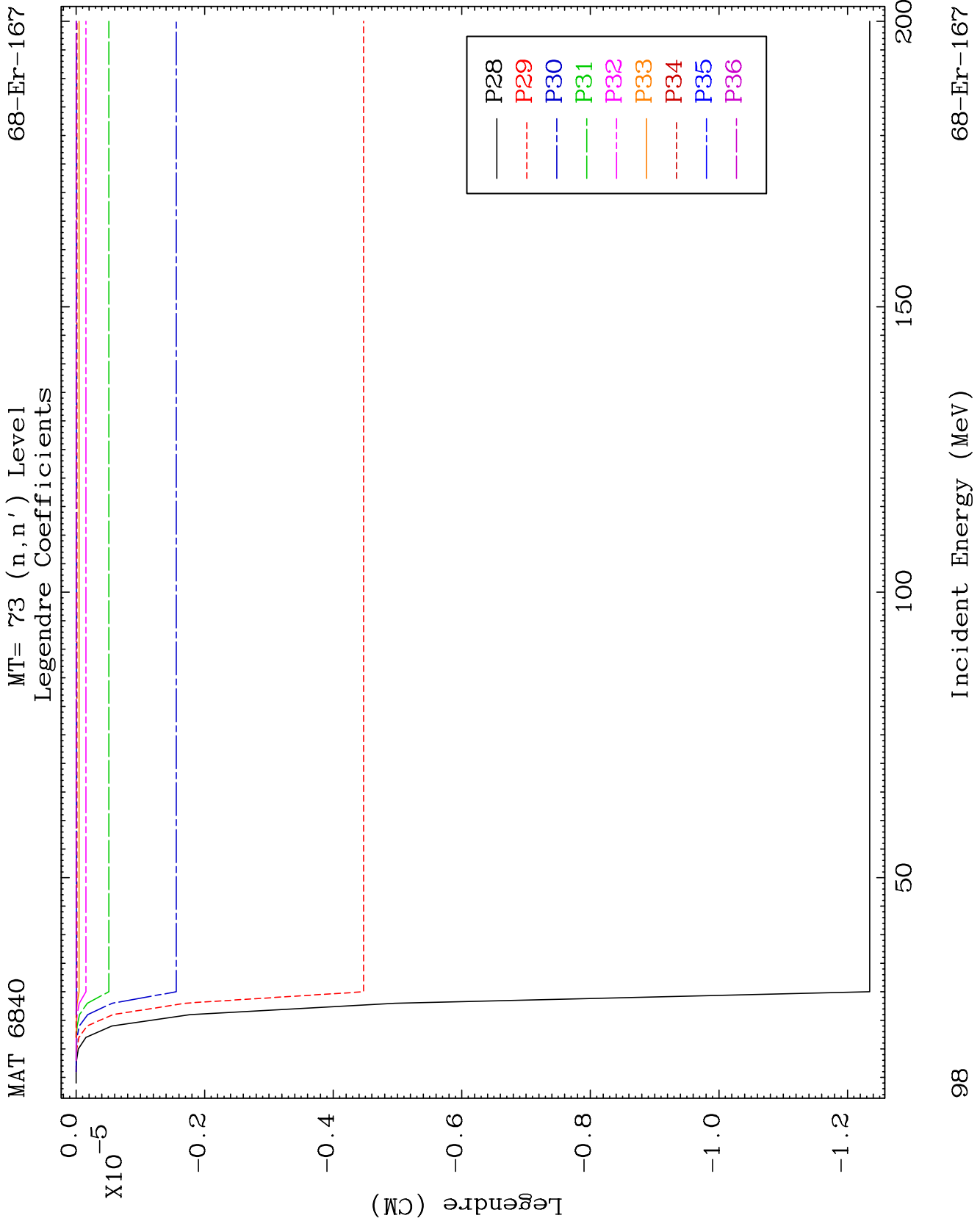
68-Er-167



97

Incident Energy (MeV)

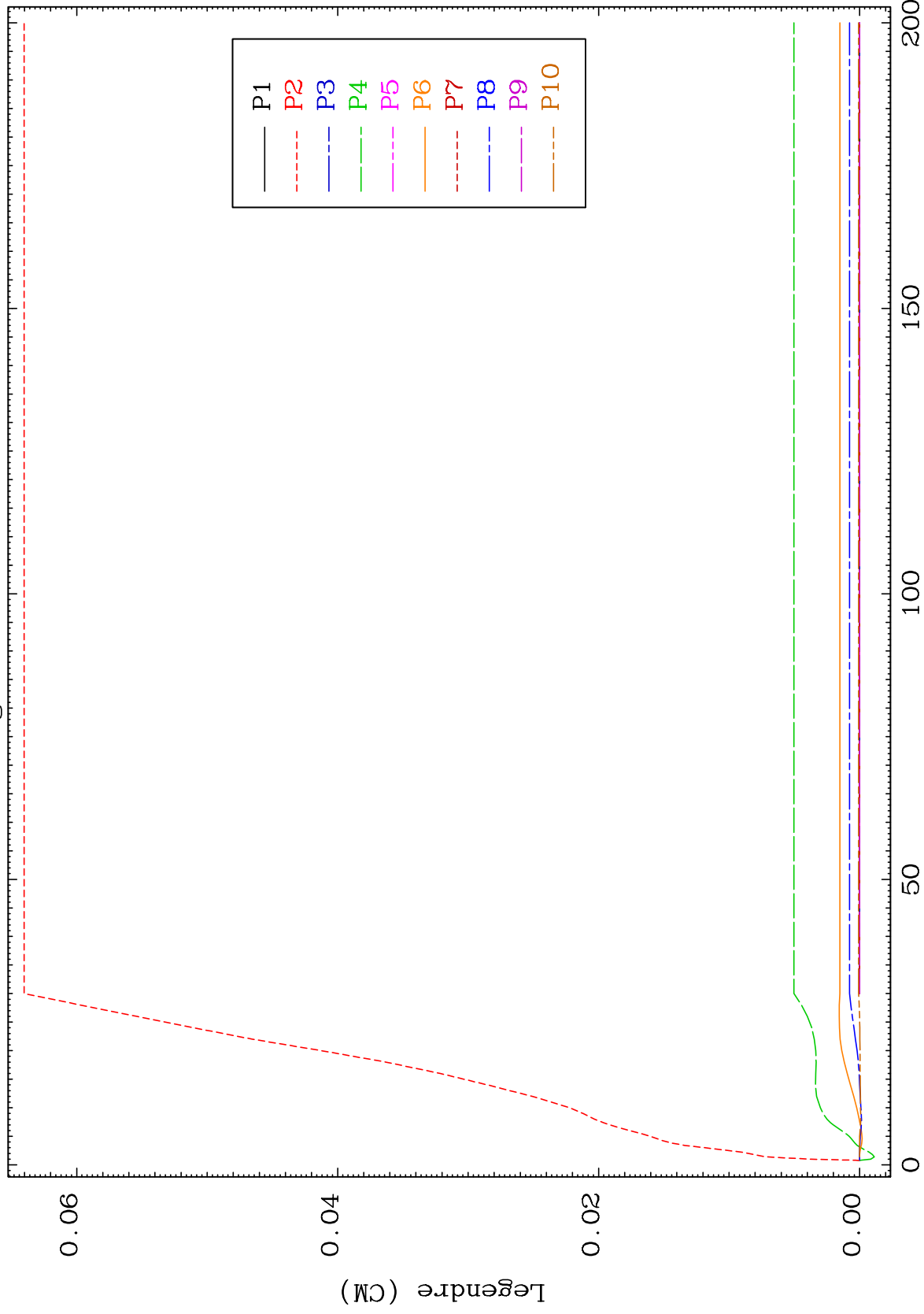
68-Er-167



MAT 6840

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

68-Er-167



68-Er-167

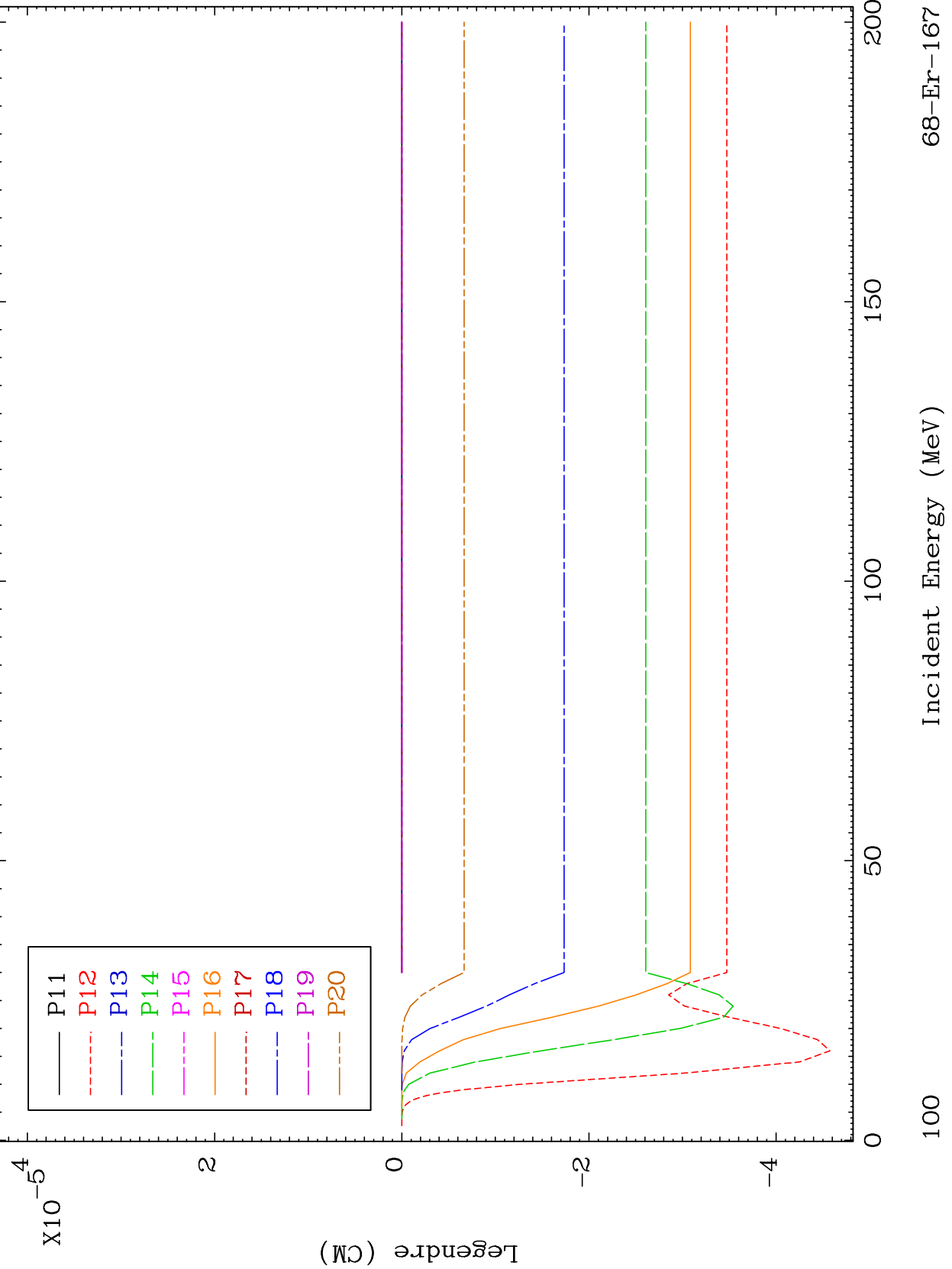
Incident Energy (MeV)

99

MAT 6840

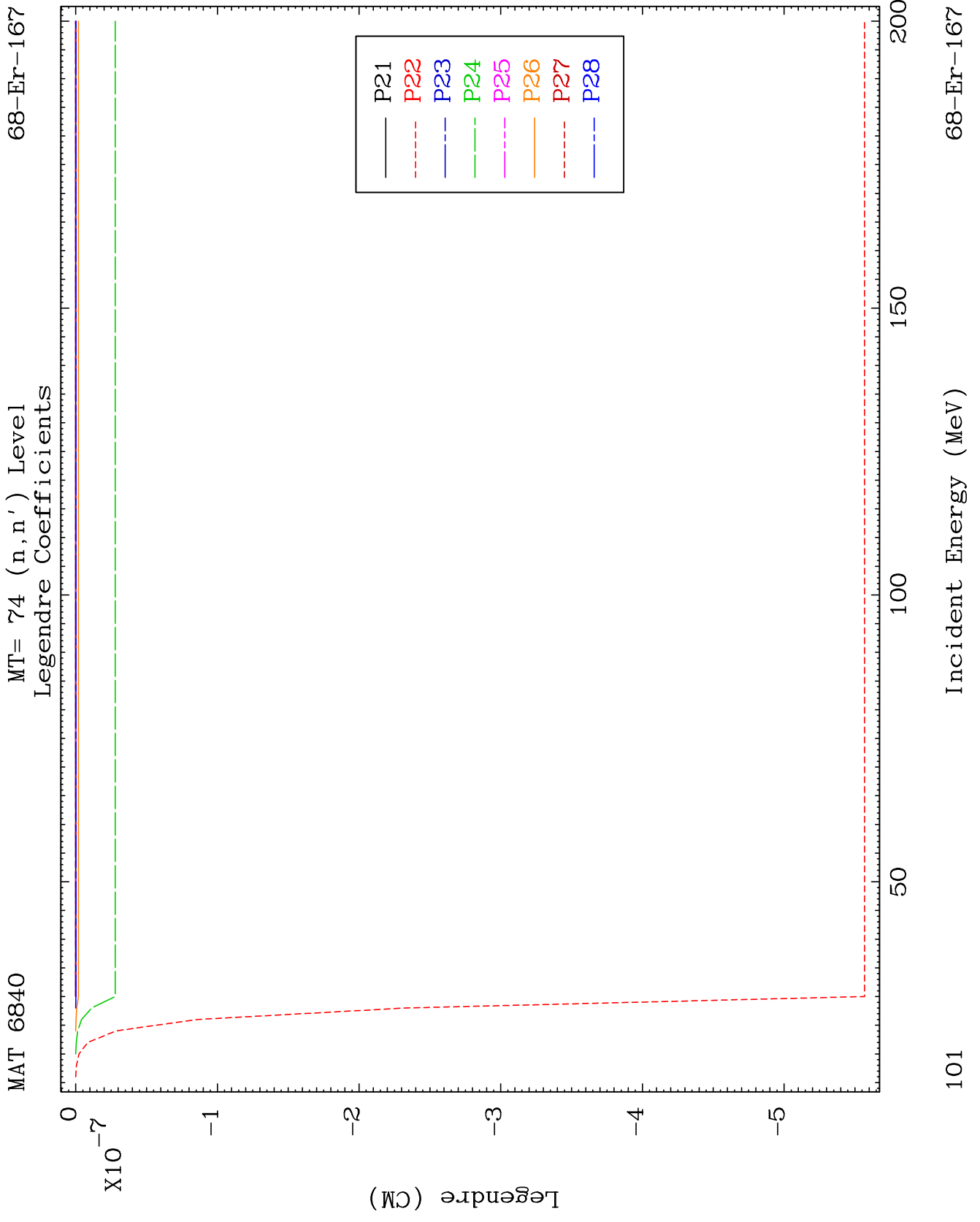
MT= 74 (n,n') Level
Legendre Coefficients

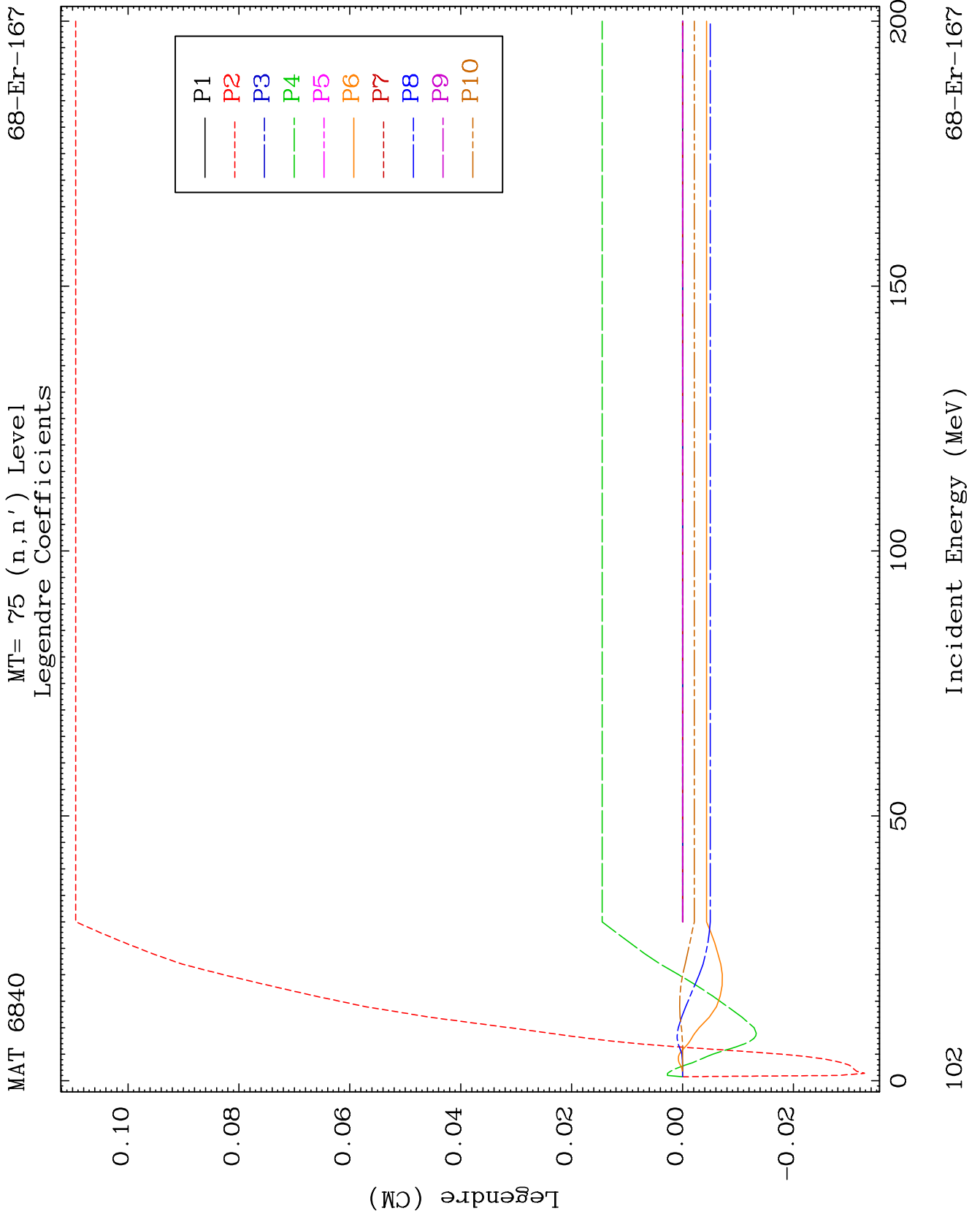
68-Er-167



68-Er-167

Incident Energy (MeV)

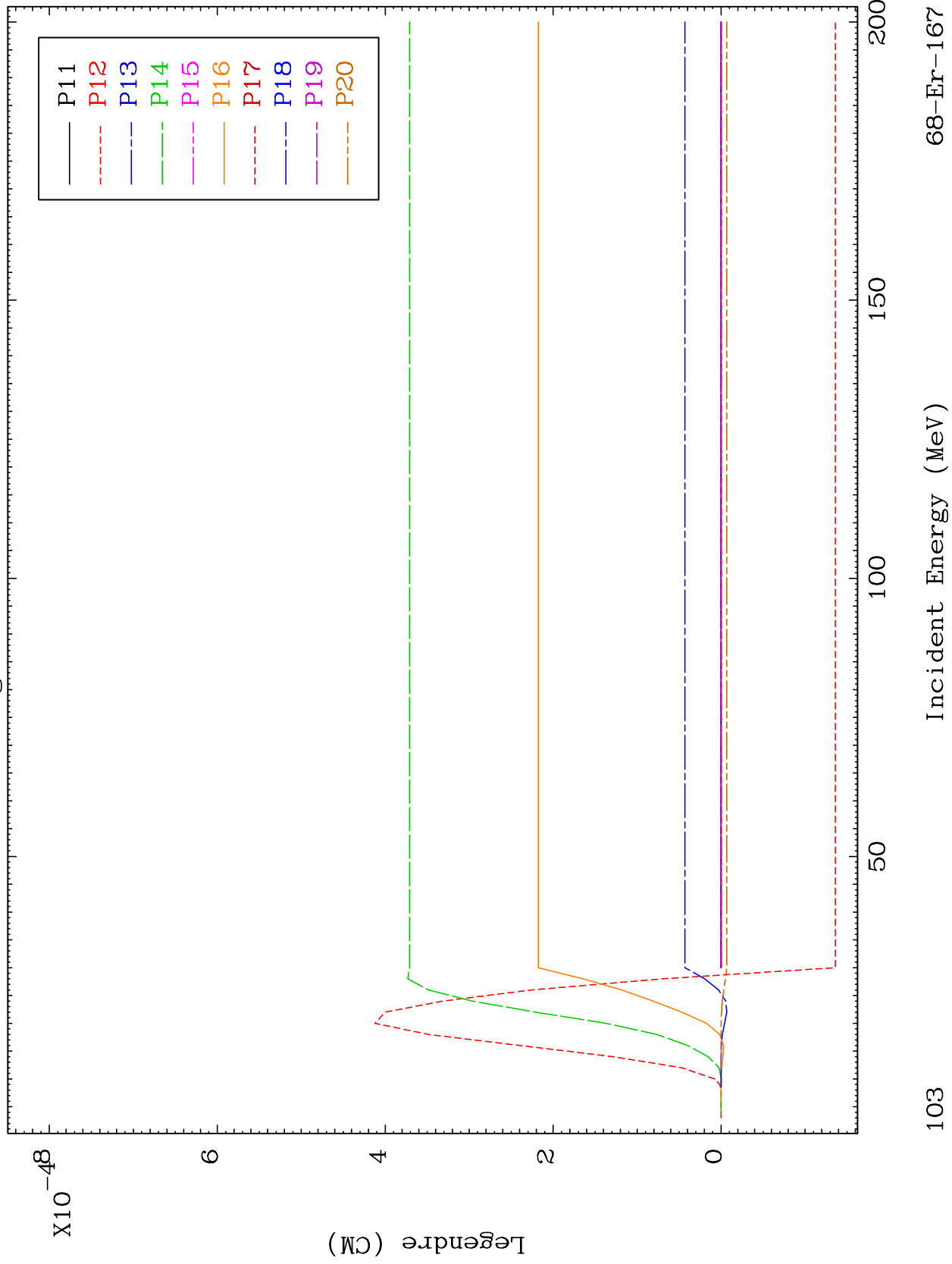




MAT 6840

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

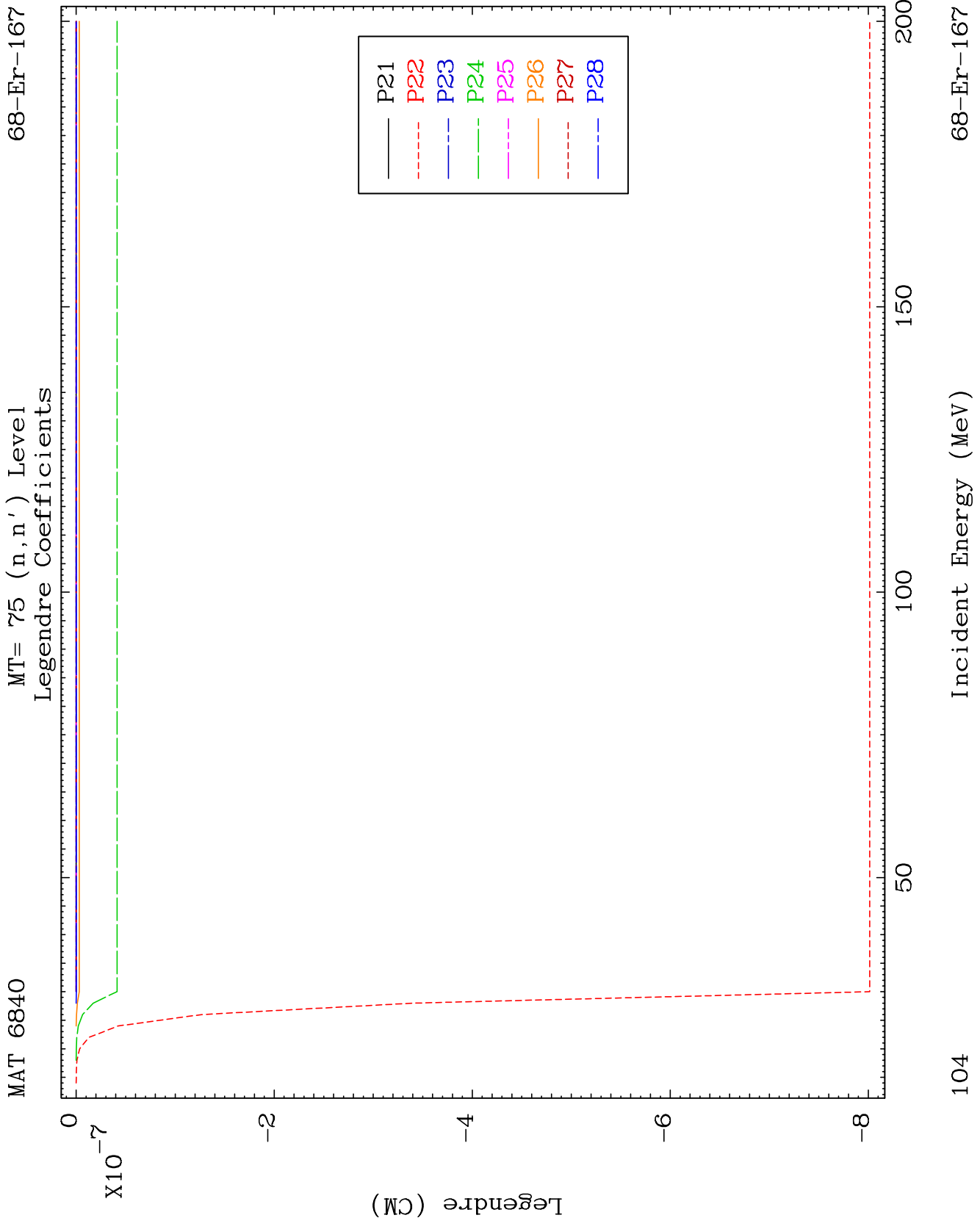
68-Er-167



103

Incident Energy (MeV)

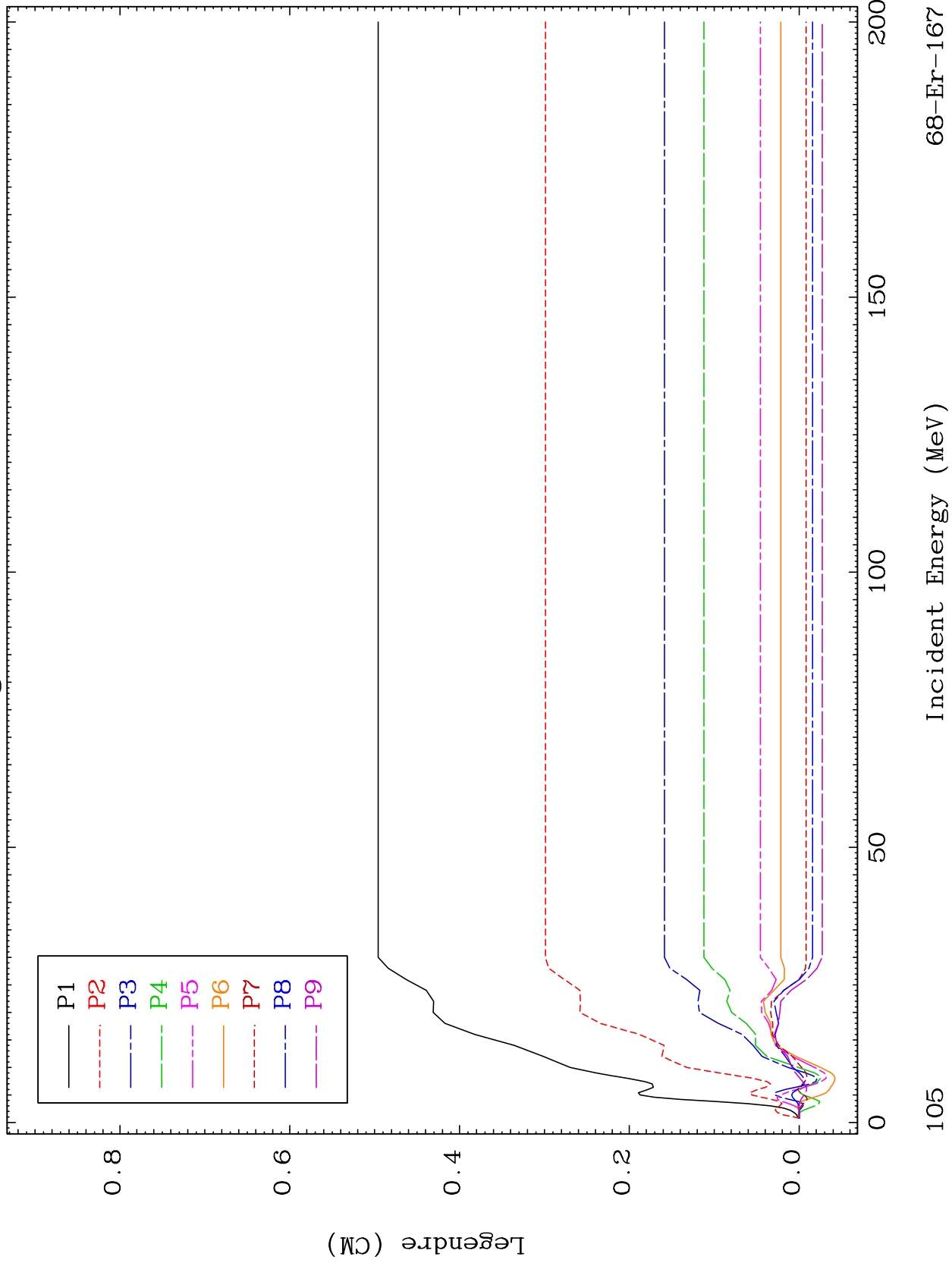
68-Er-167



MAT 6840

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

68-Er-167



68-Er-167

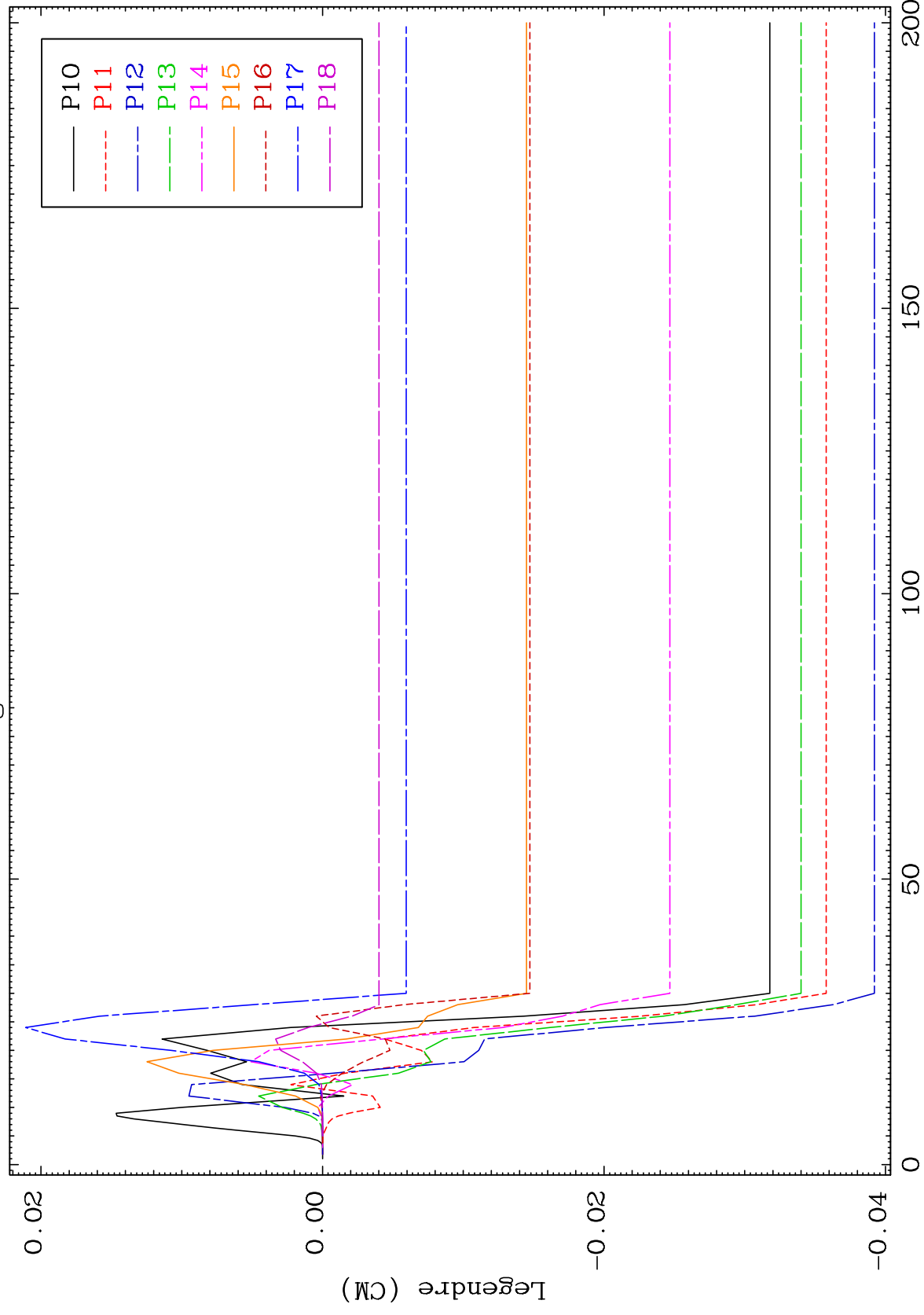
Incident Energy (MeV)

105

MAT 6840

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

68-Er-167



106

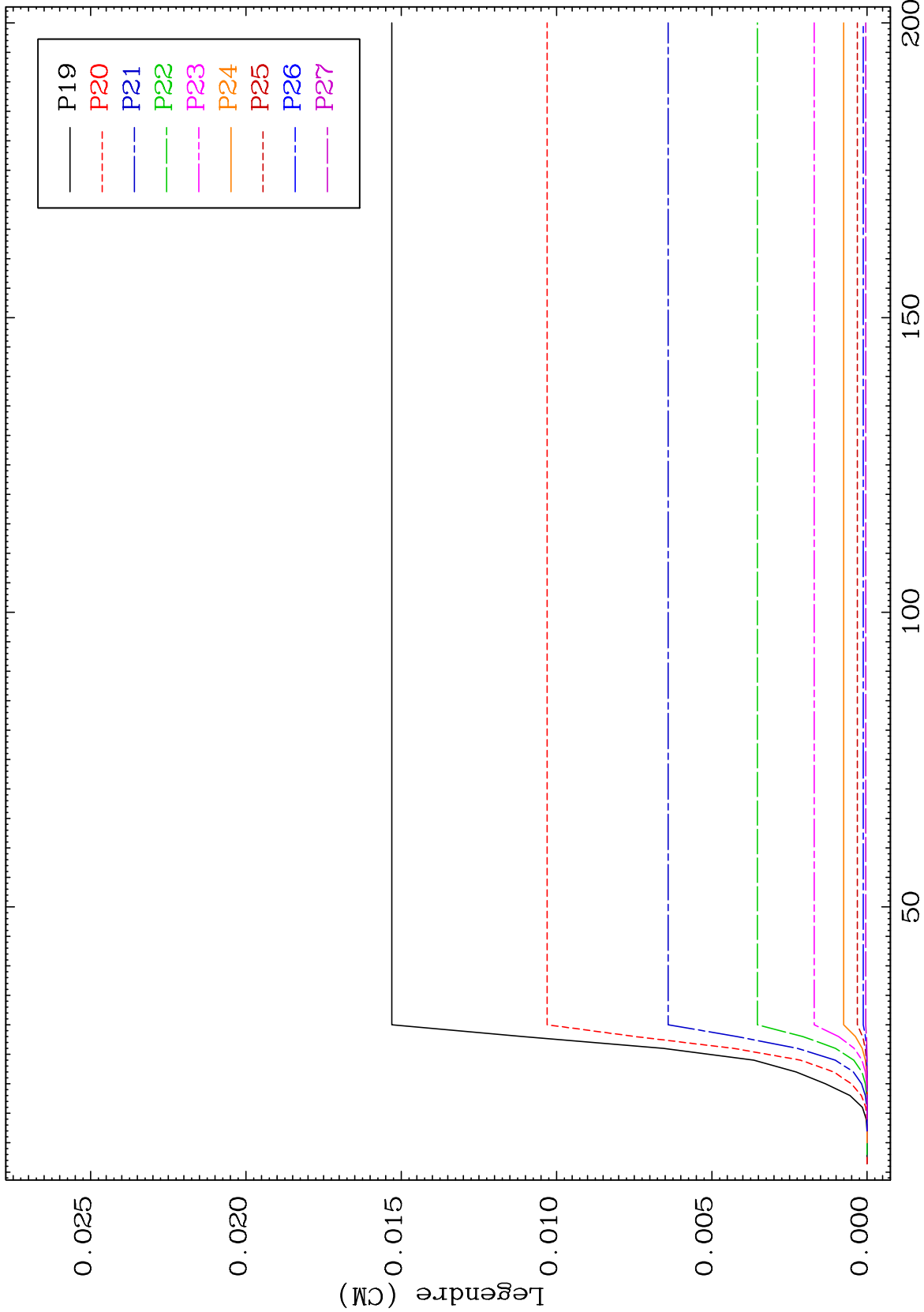
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



107

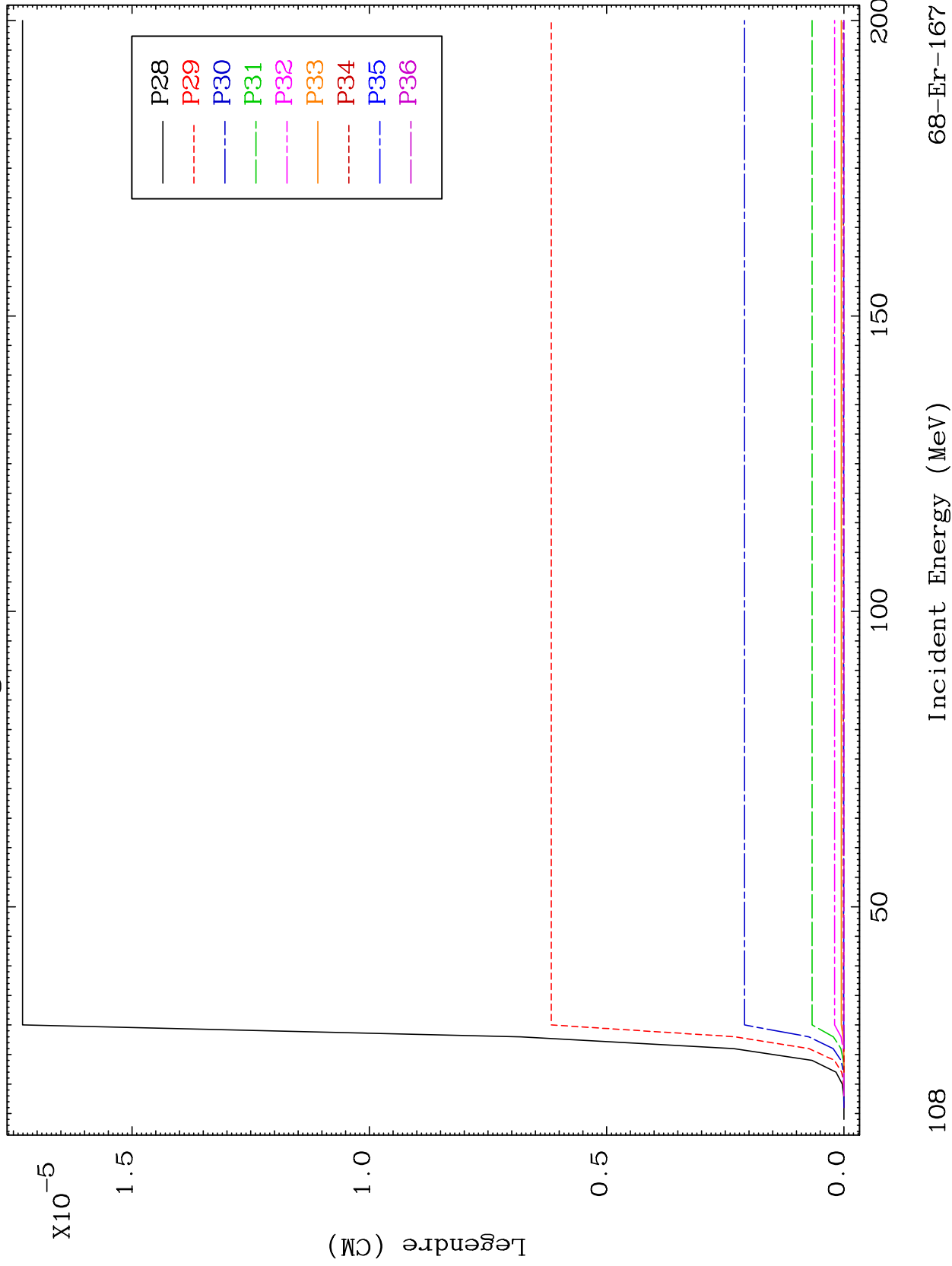
Incident Energy (MeV)

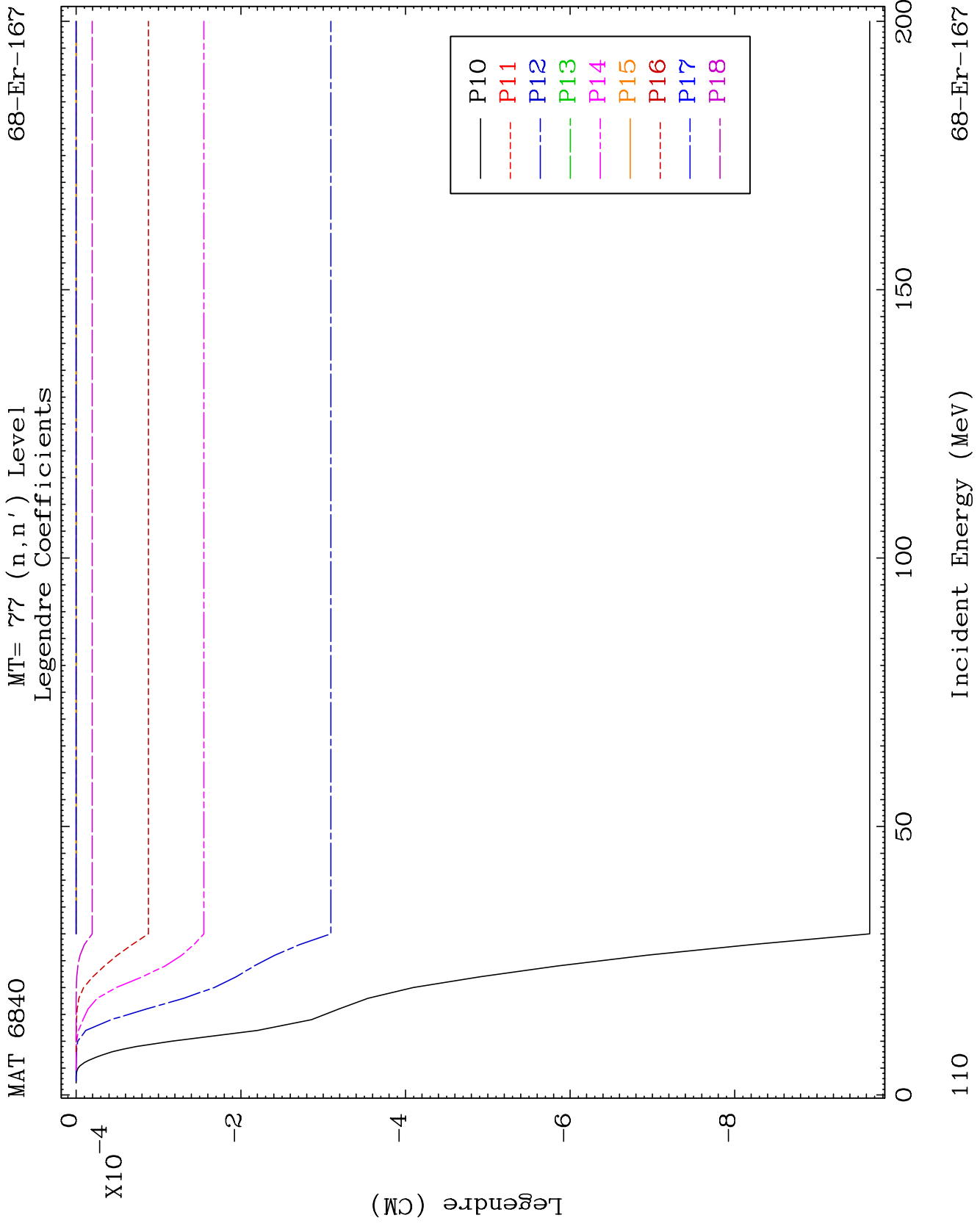
68-Er-167

MAT 6840

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

68-Er-167

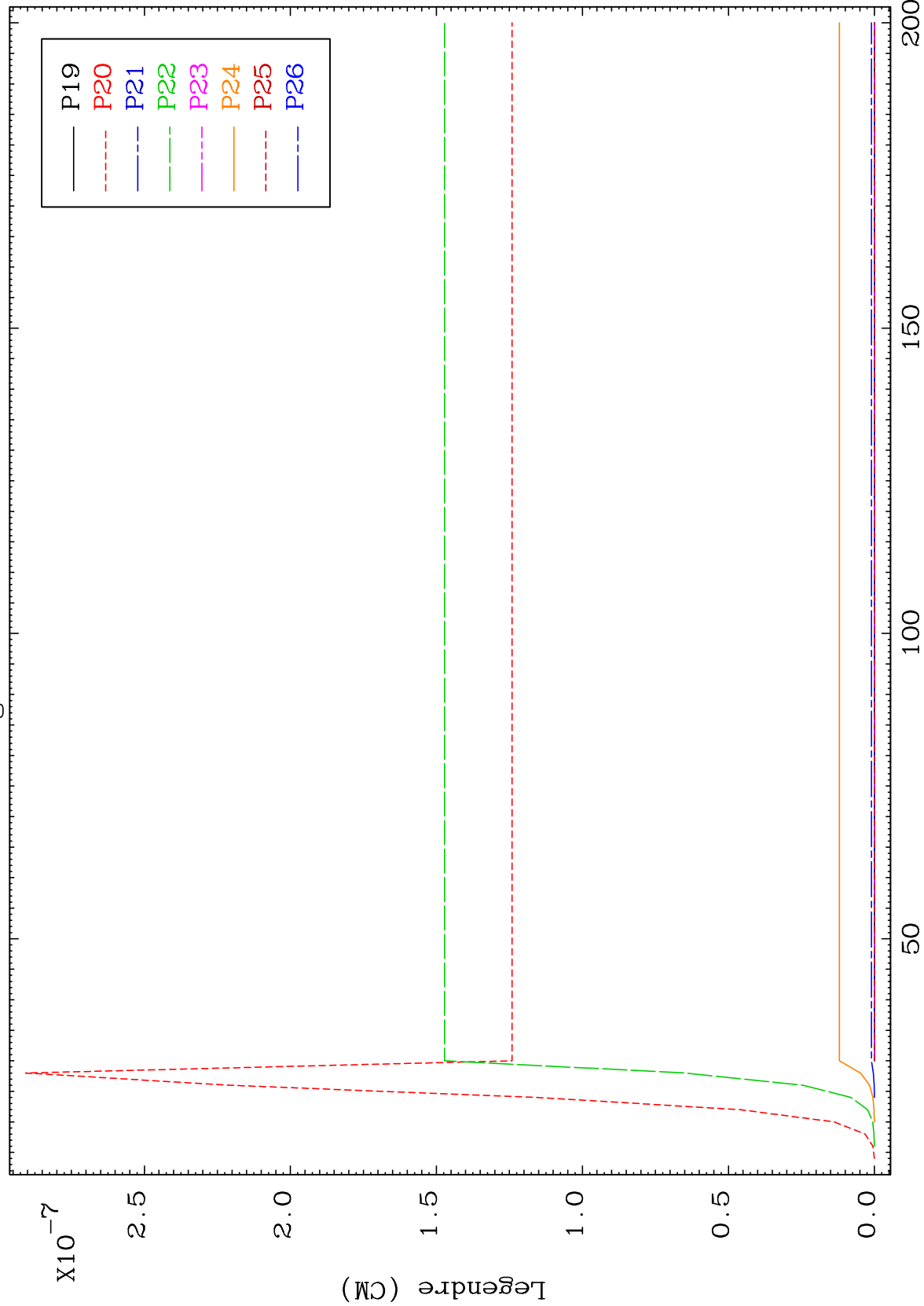




MAT 6840

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

68-Er-167



111

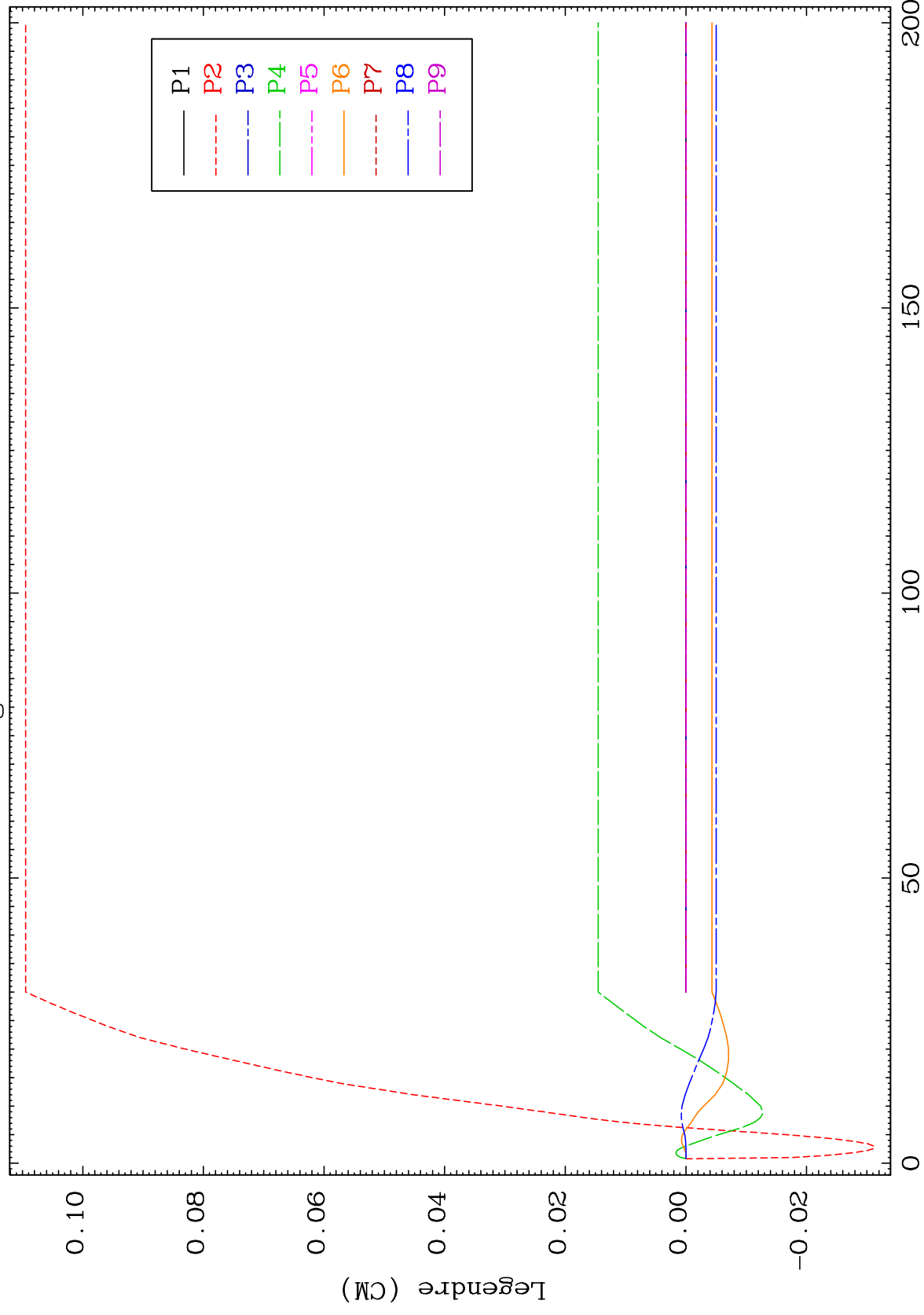
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



68-Er-167

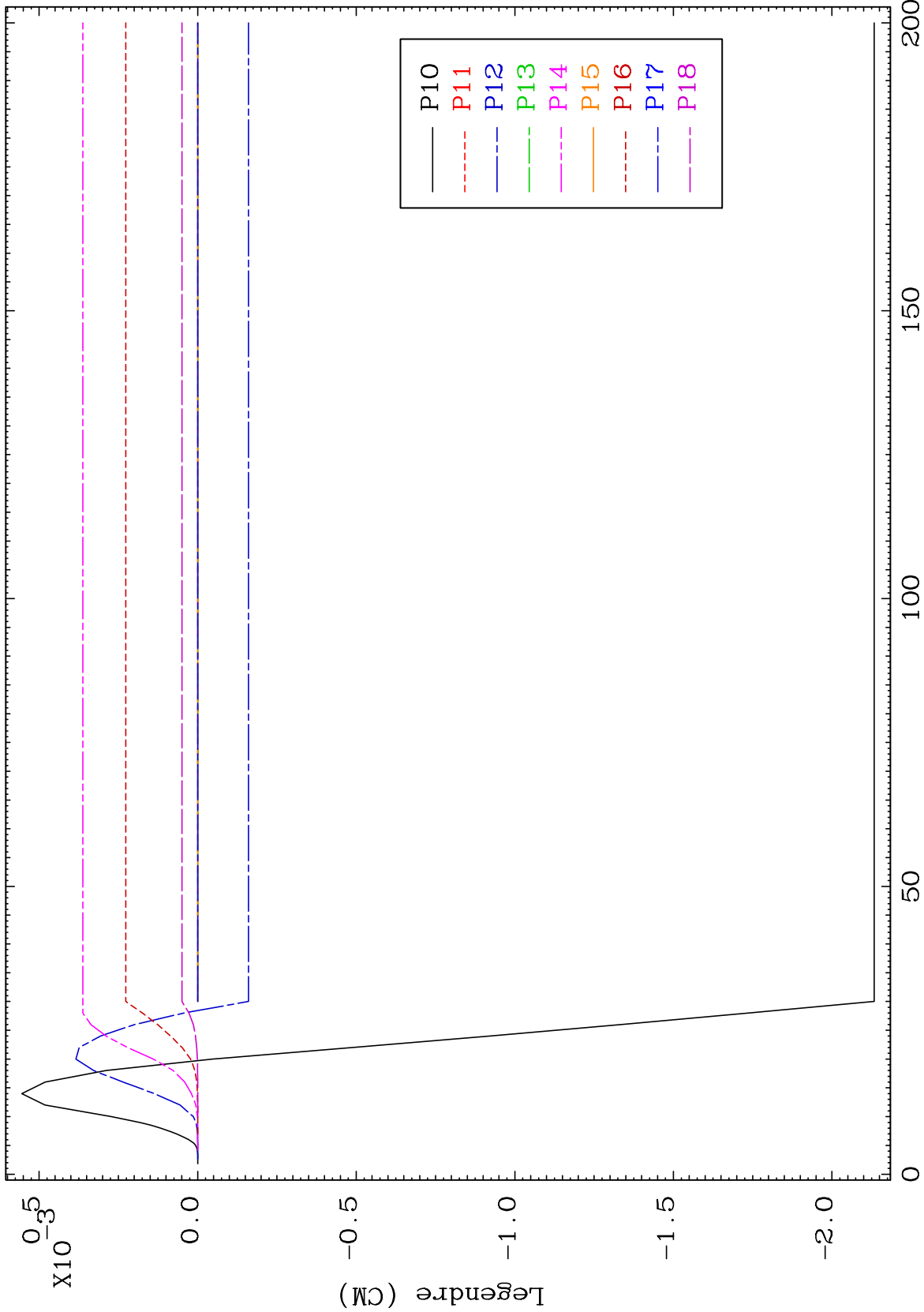
Incident Energy (MeV)

112

MAT 6840

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

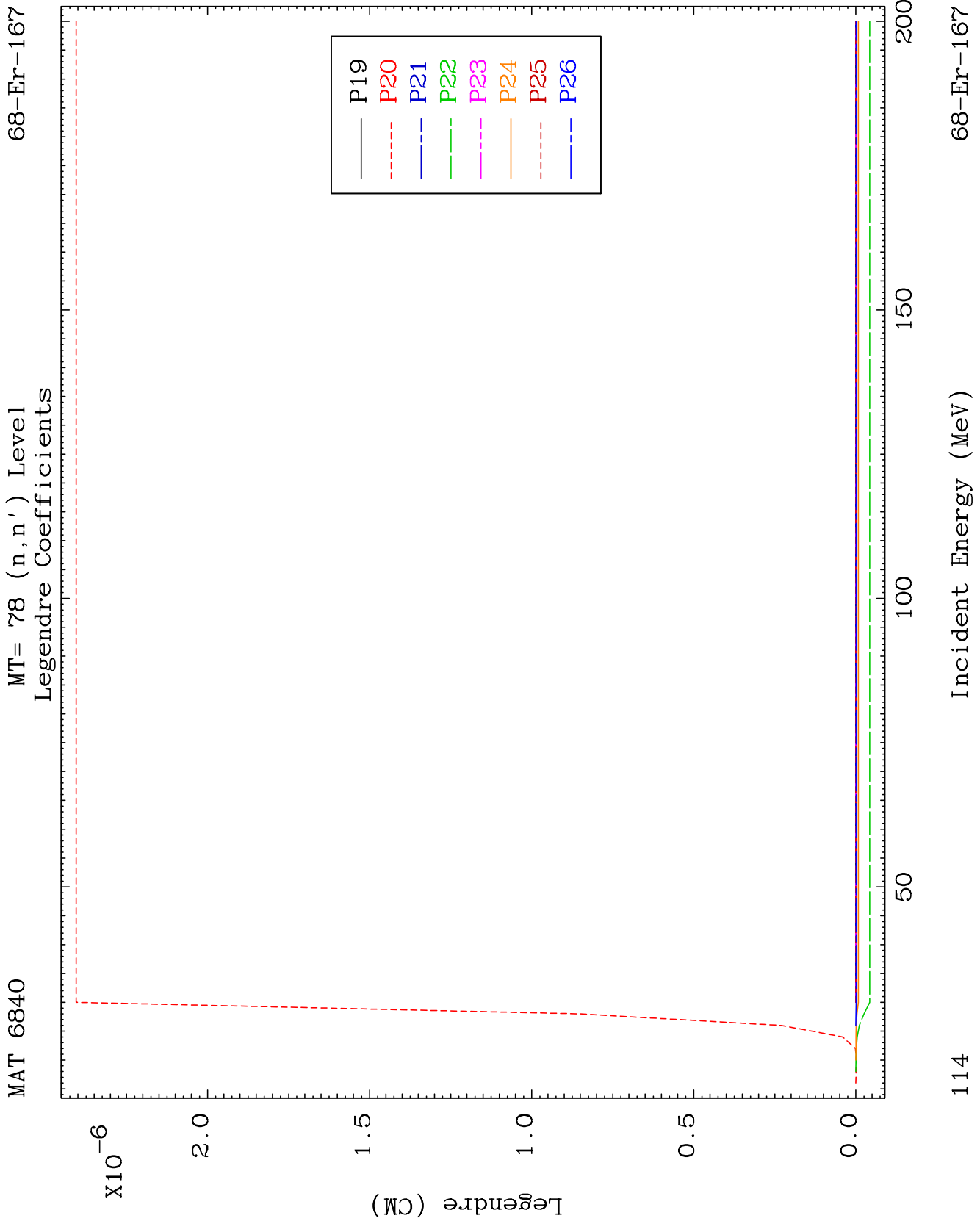
68-Er-167

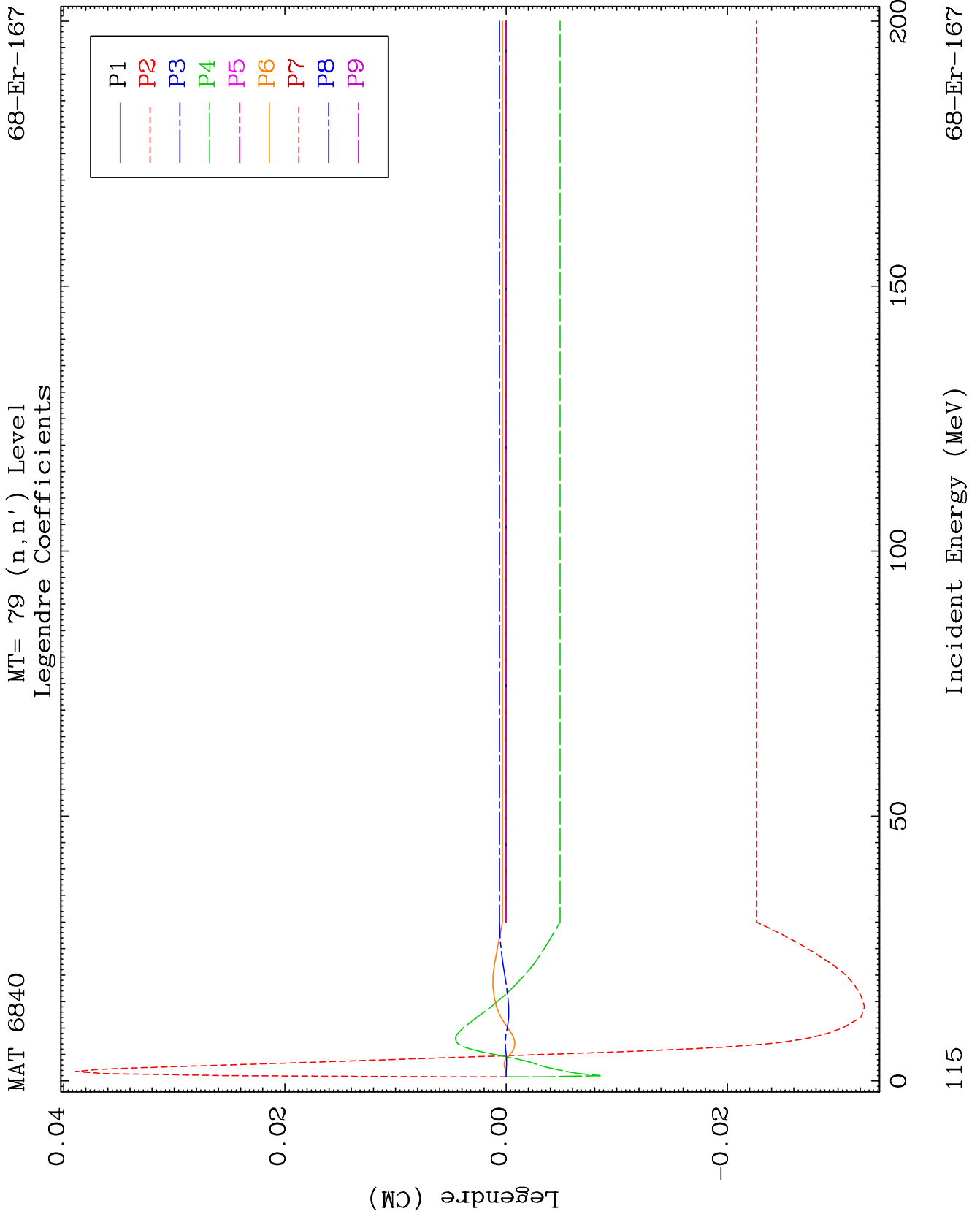


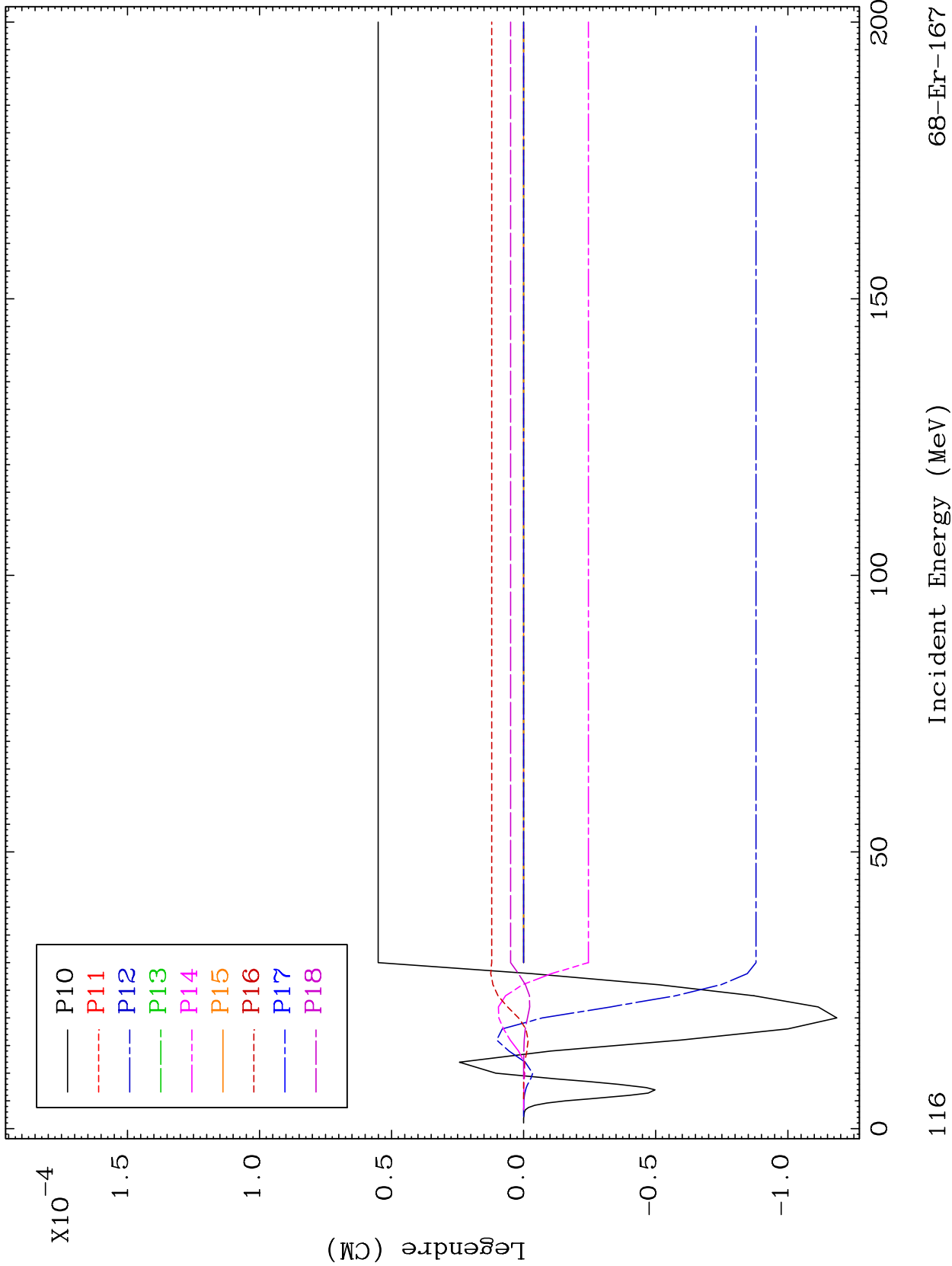
113

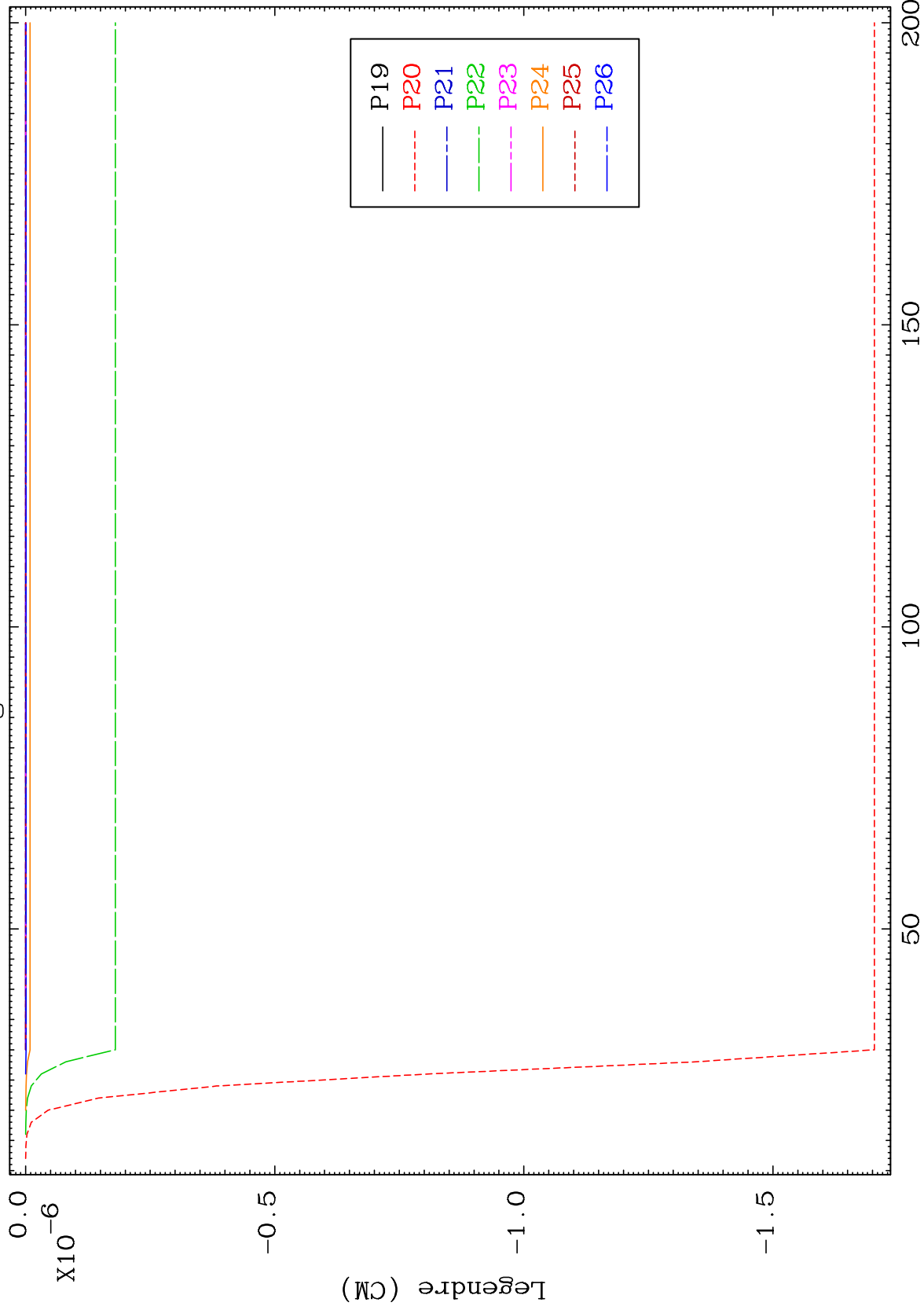
Incident Energy (MeV)

68-Er-167





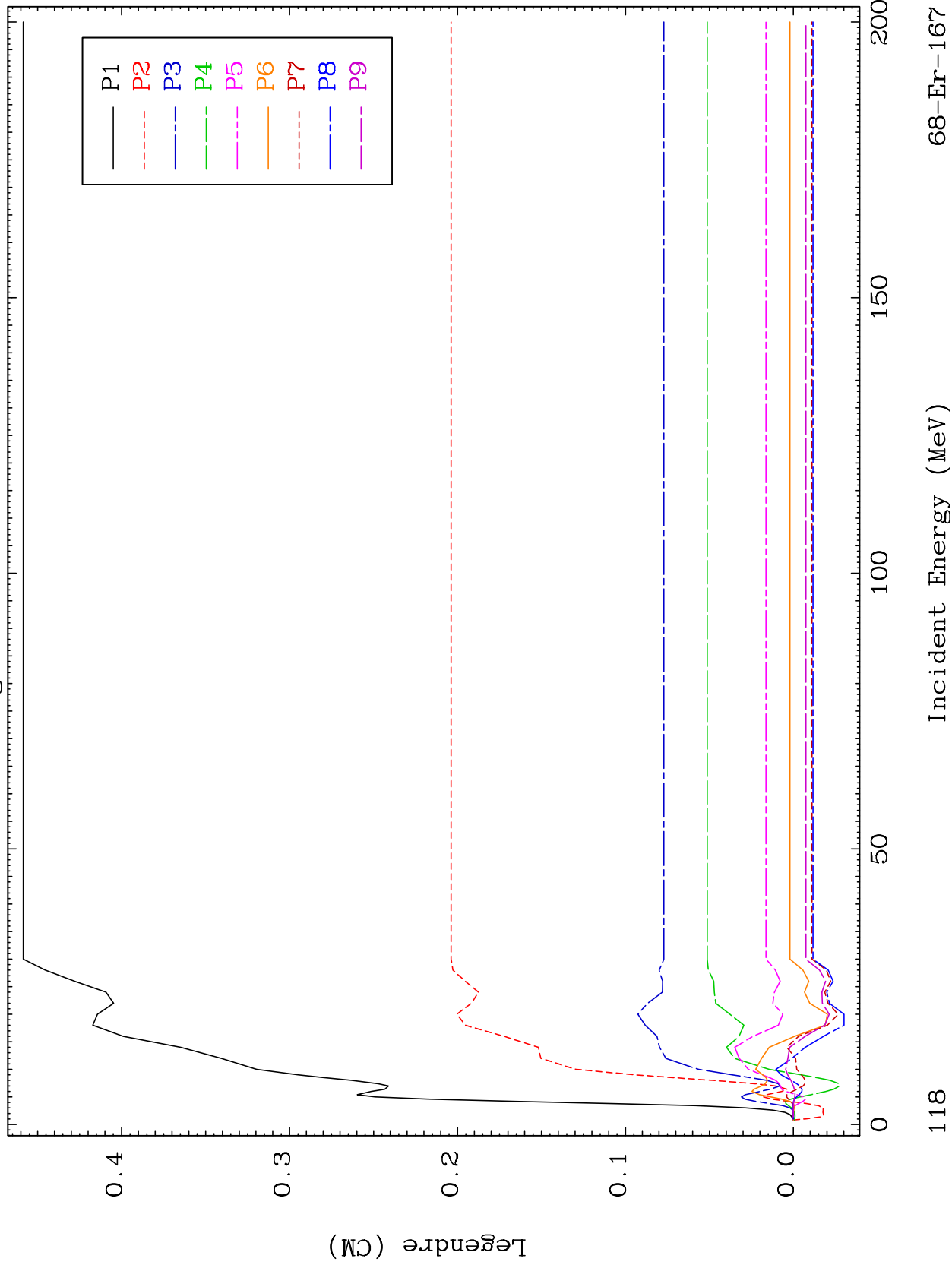




MAT 6840

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

68-Er-167



68-Er-167

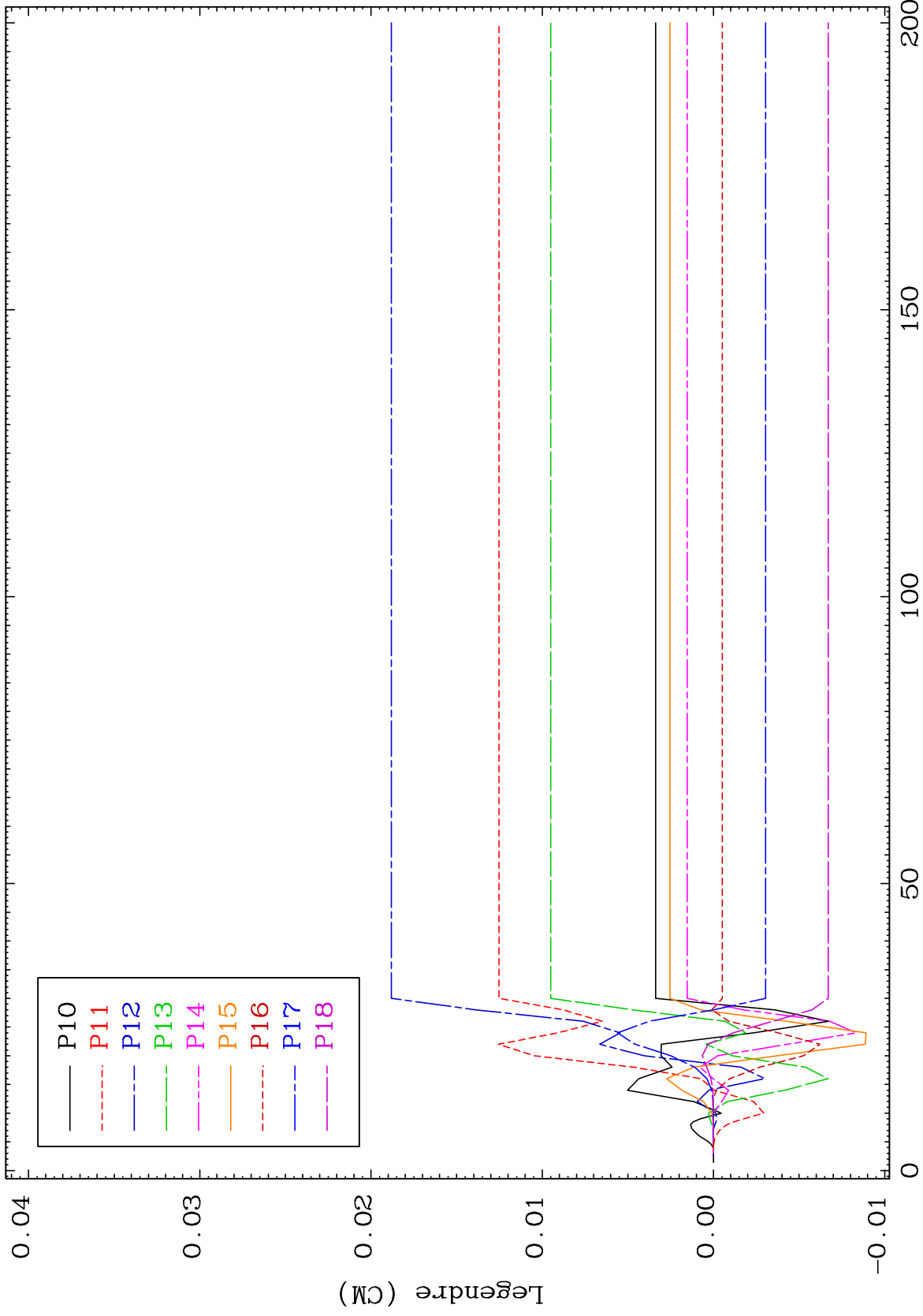
Incident Energy (MeV)

118

MAT 6840

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

68-Er-167



119

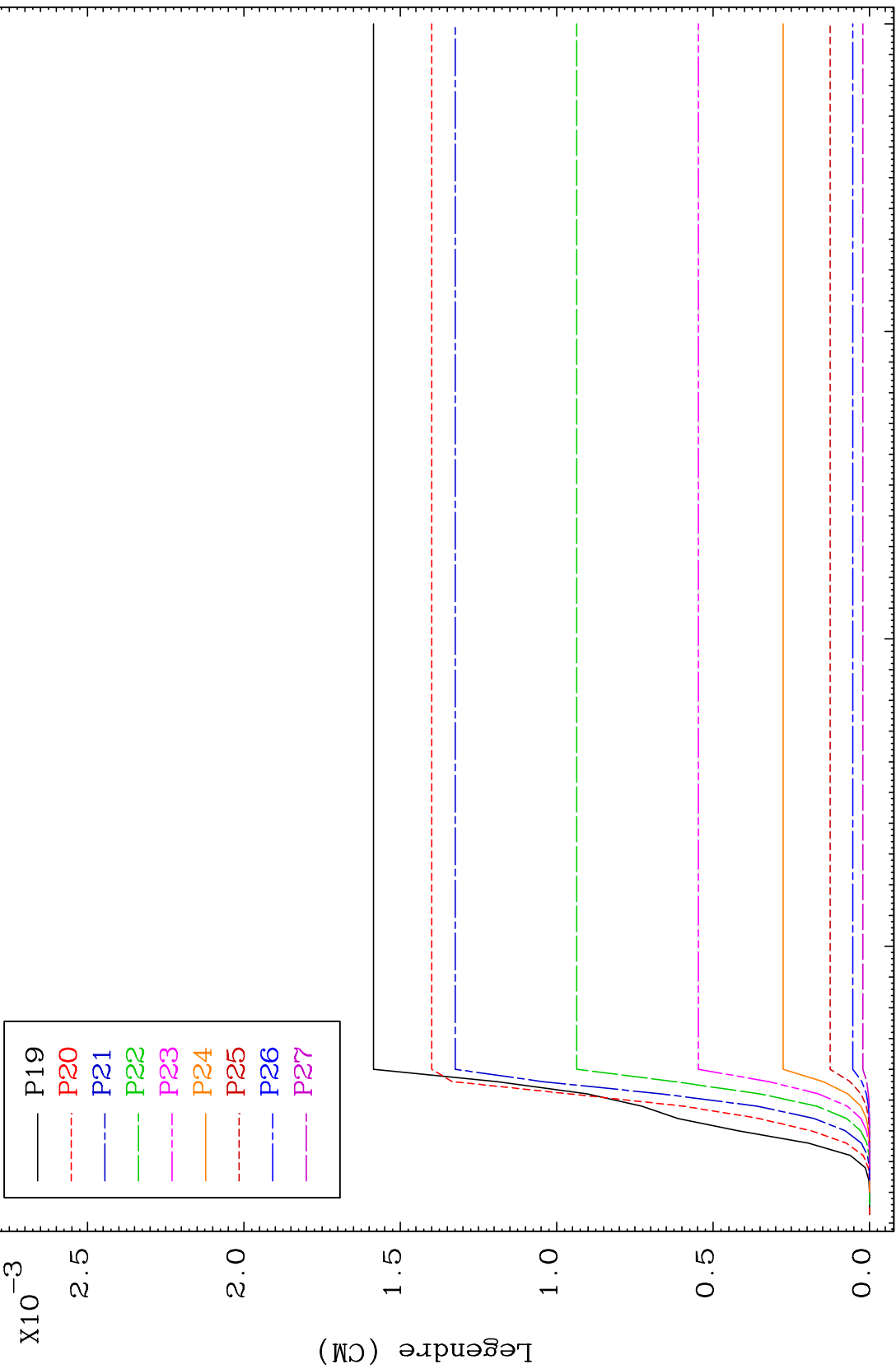
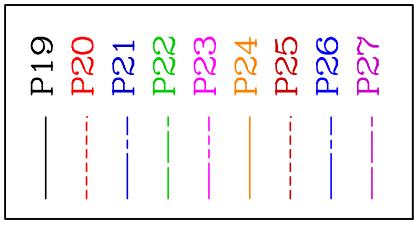
Incident Energy (MeV)

68-Er-167

MAT 6840

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

68-Er-167



120

Incident Energy (MeV)

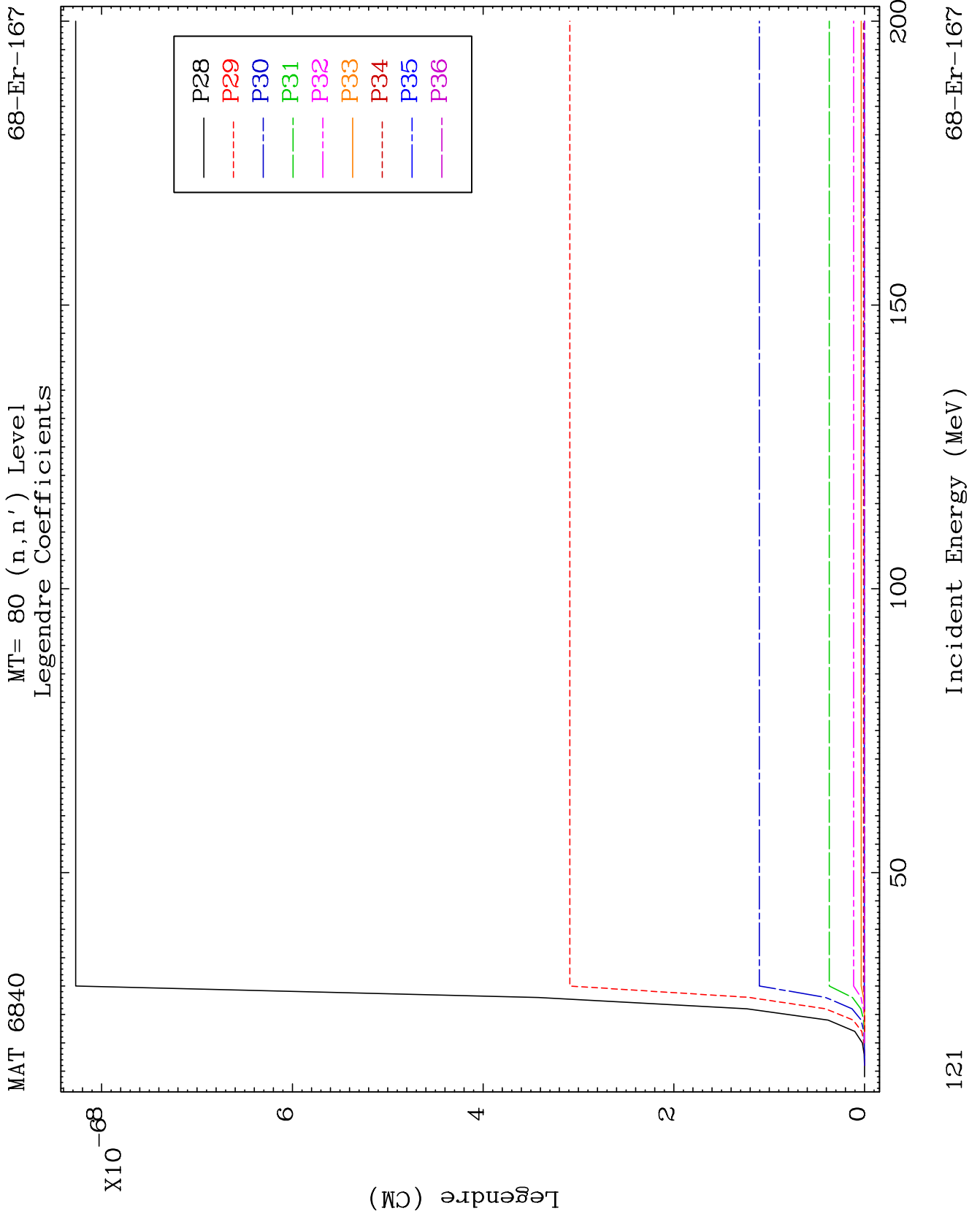
50

100

150

200

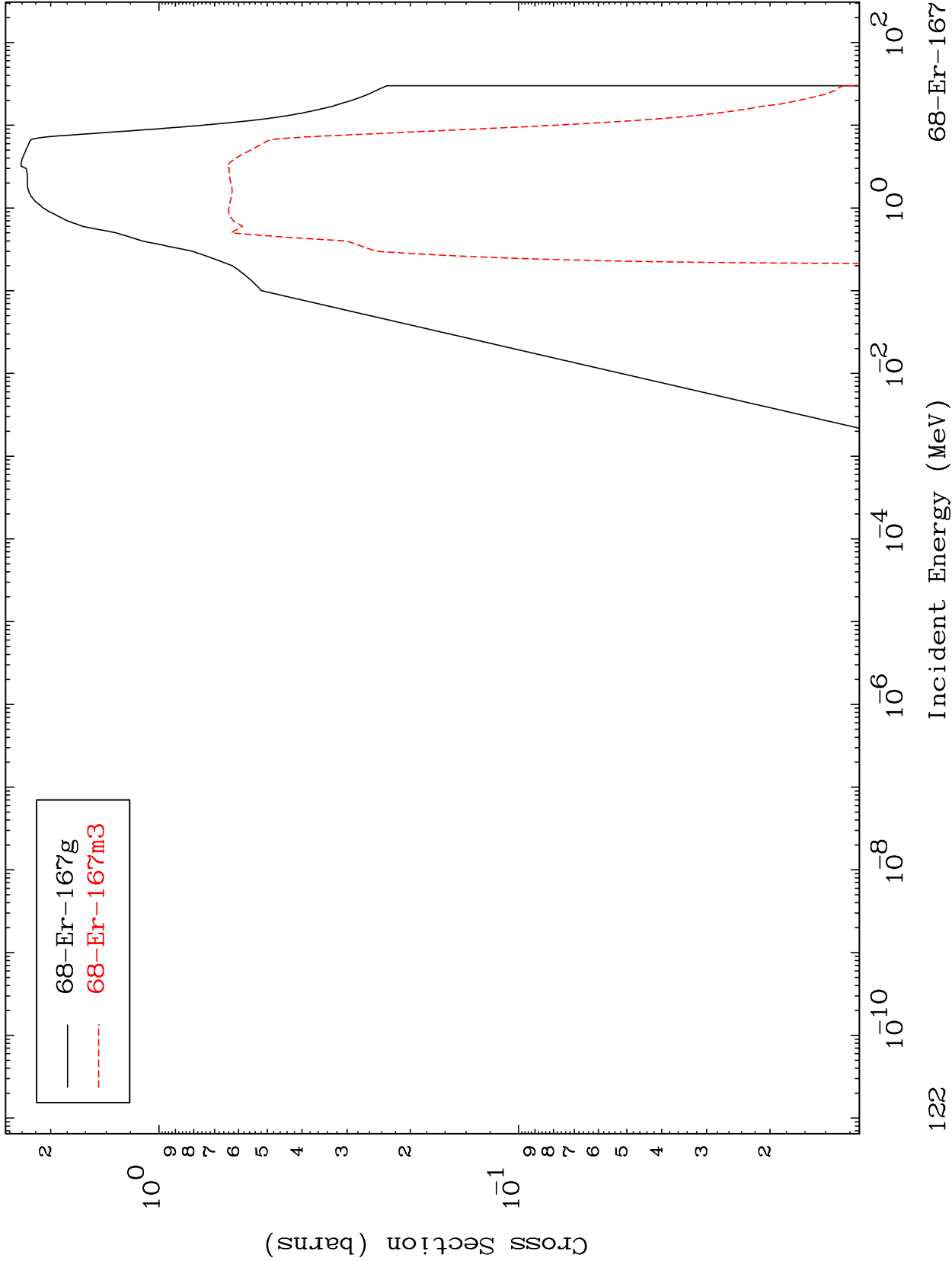
68-Er-167



MAT 6840

Inelastic
Radionuclide Production Cross Section

68-Er-167

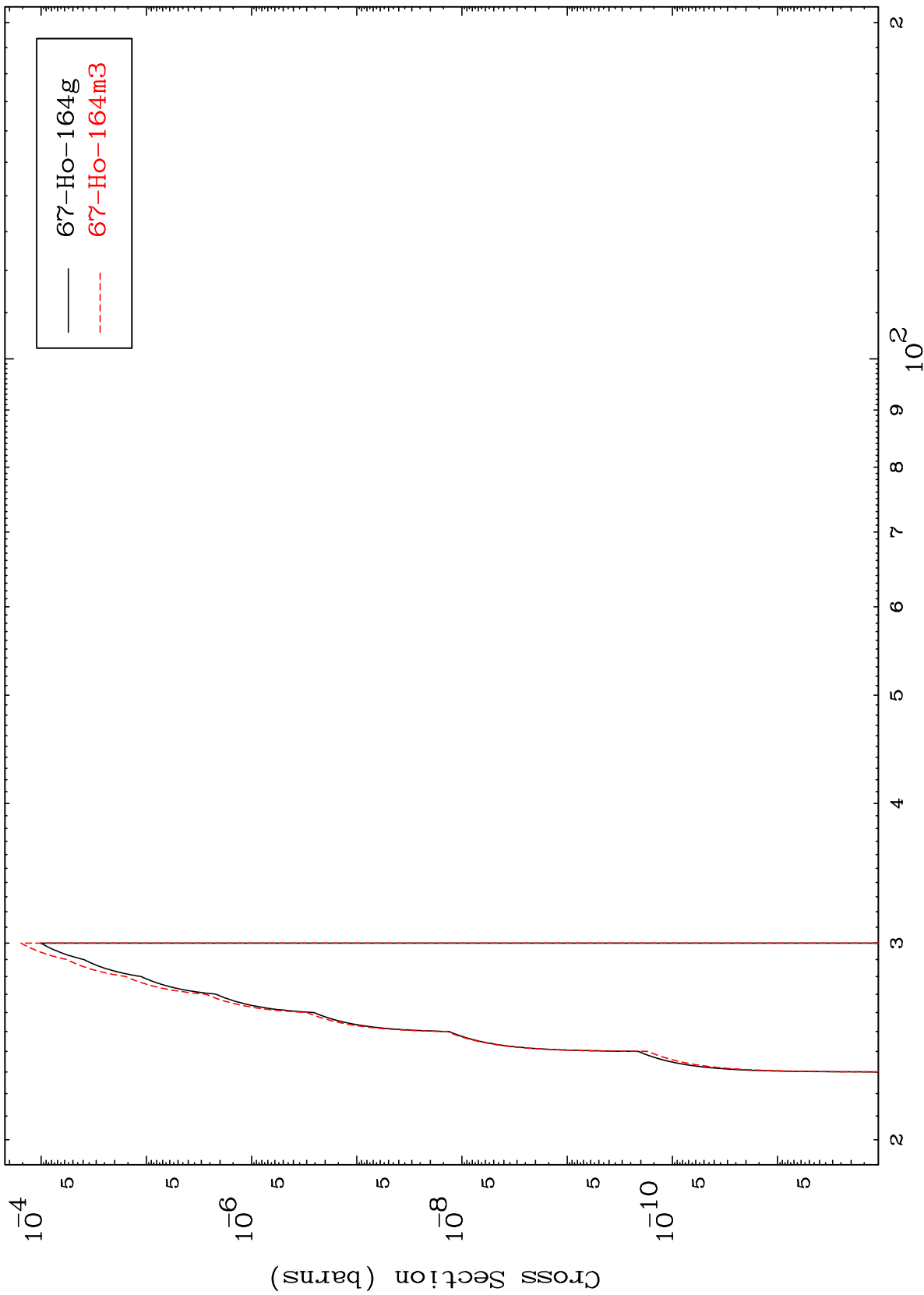


MAT 6840

(n,2n) d

68-Er-167

Radionuclide Production Cross Section



123

Incident Energy (MeV)

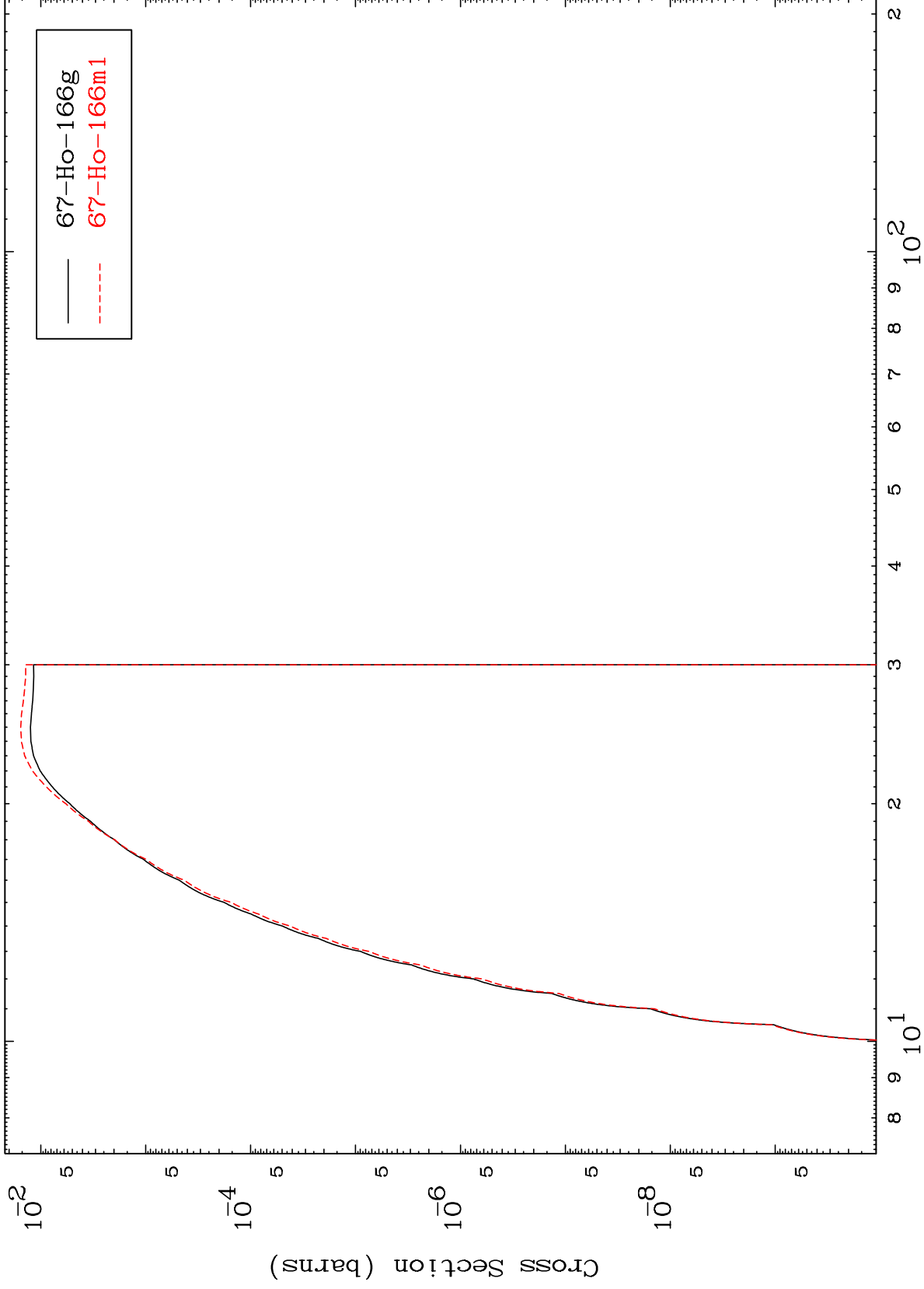
68-Er-167

MAT 6840

(n,n') p

68-Er-167

Radionuclide Production Cross Section



124

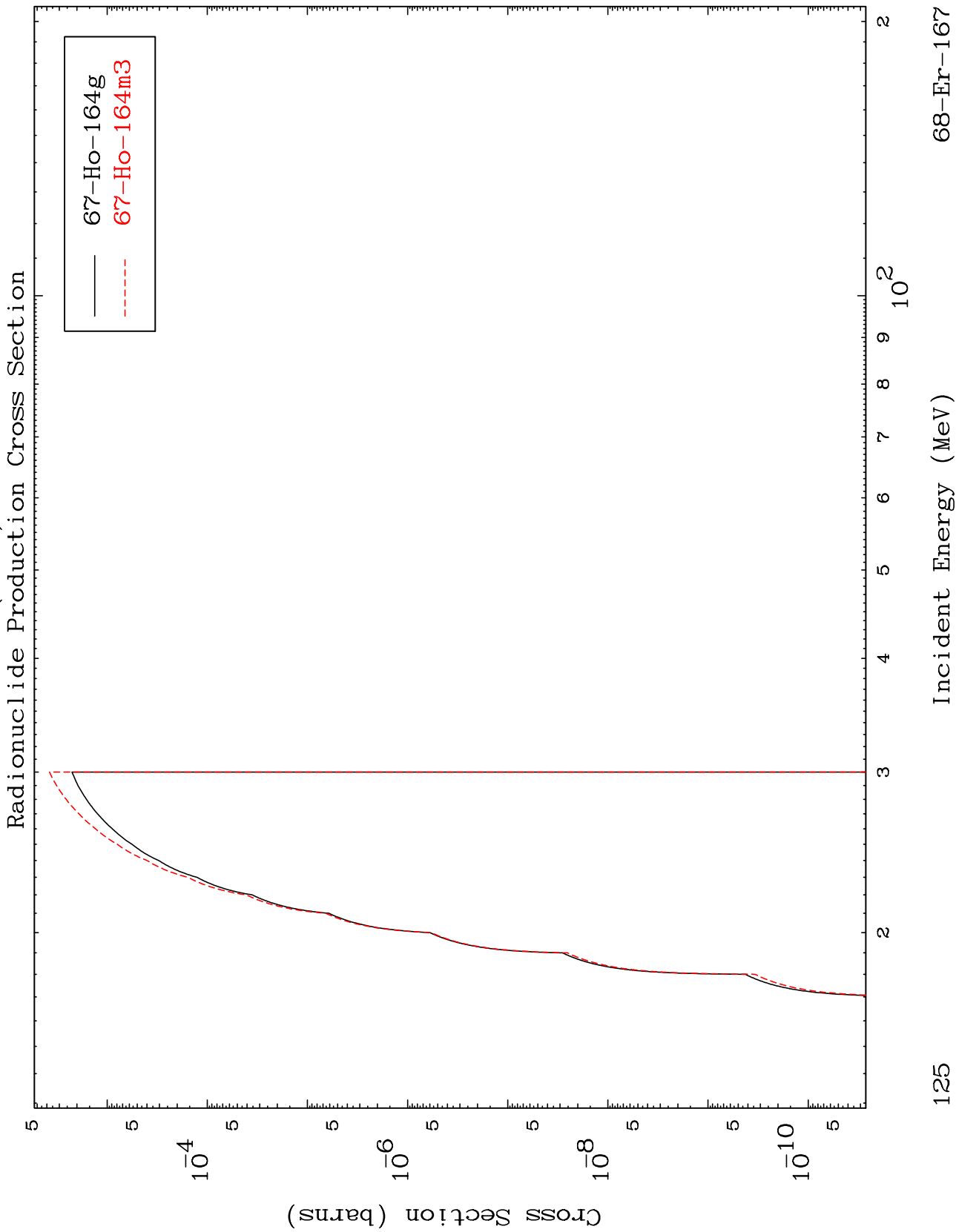
Incident Energy (MeV)

68-Er-167

MAT 6840

(n,n') t

68-Er-167

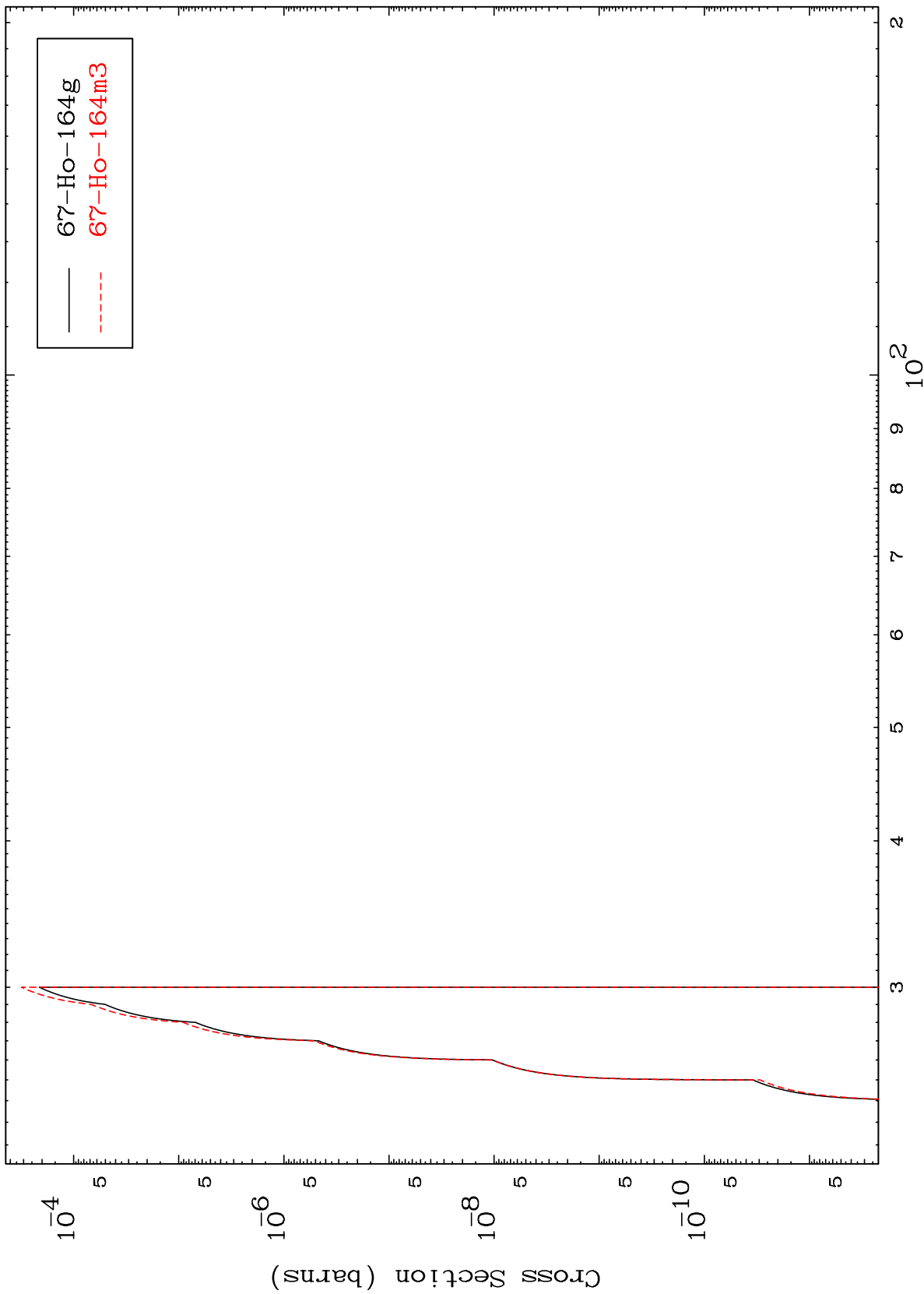


125

Incident Energy (MeV)

68-Er-167

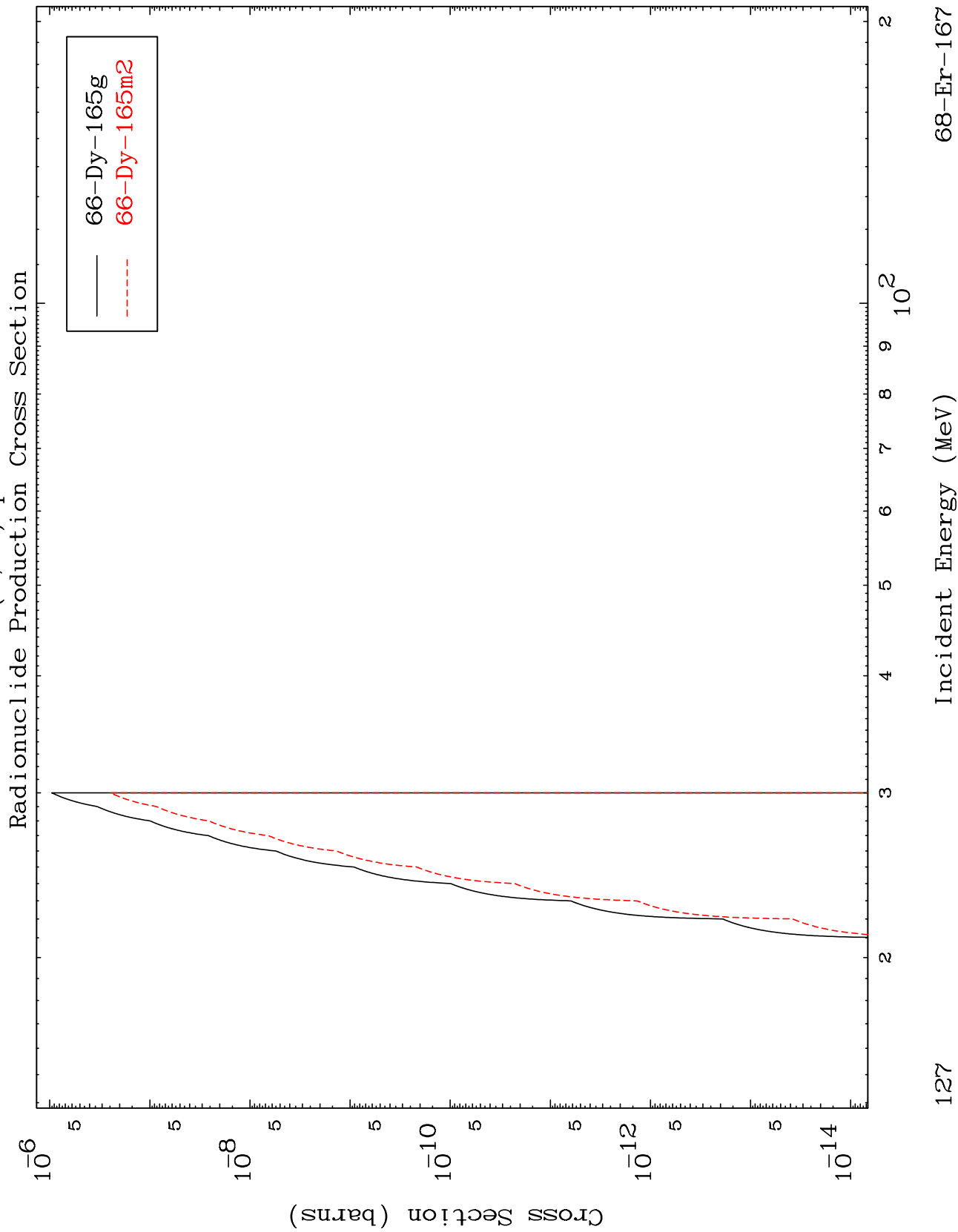
Radionuclide Production Cross Section



MAT 6840

(n,2n) p

68-Er-167



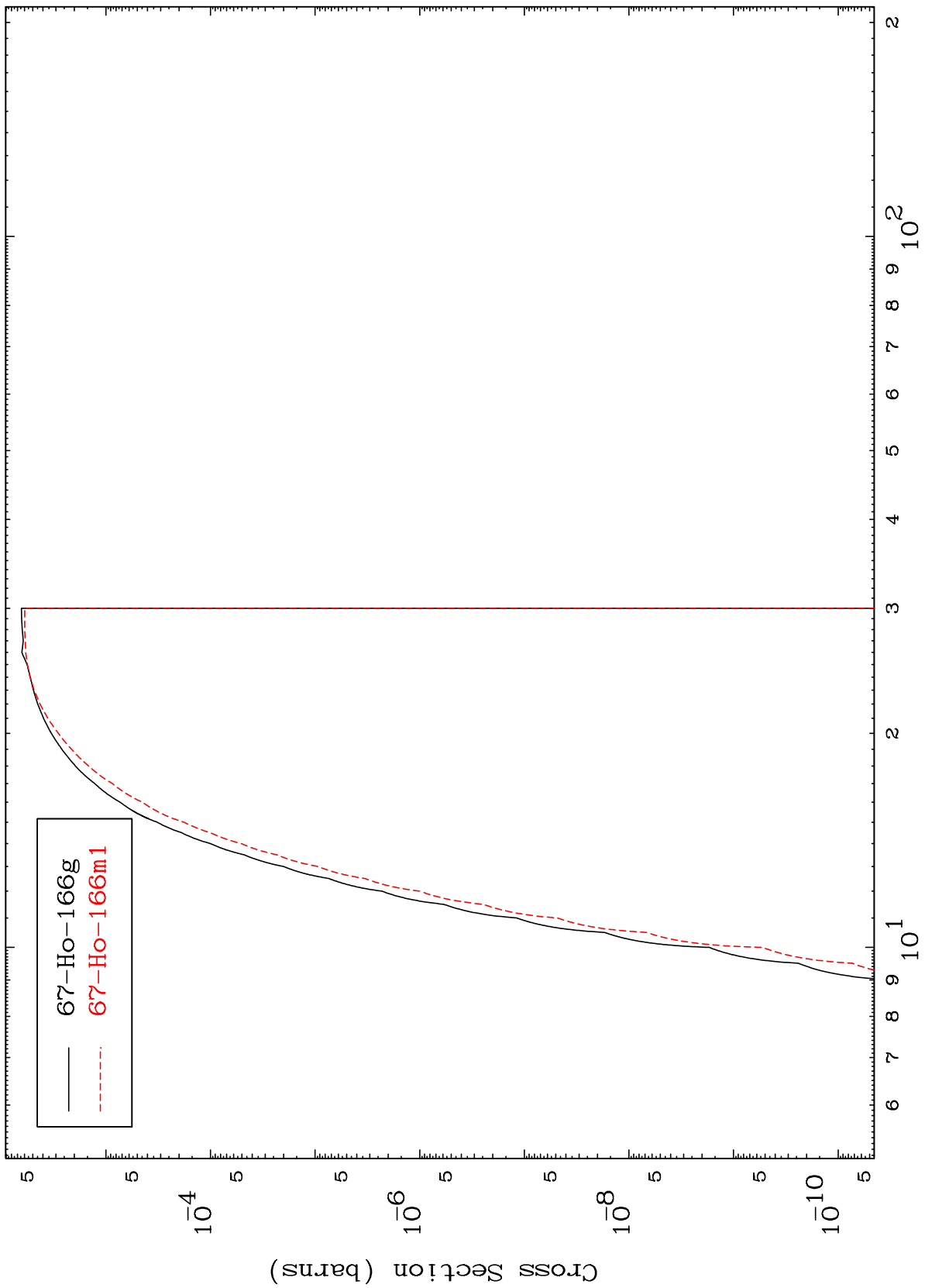
127

68-Er-167

MAT 6840

68-Er-167

(n,d)
Radionuclide Production Cross Section



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

128

Incident Energy (MeV)

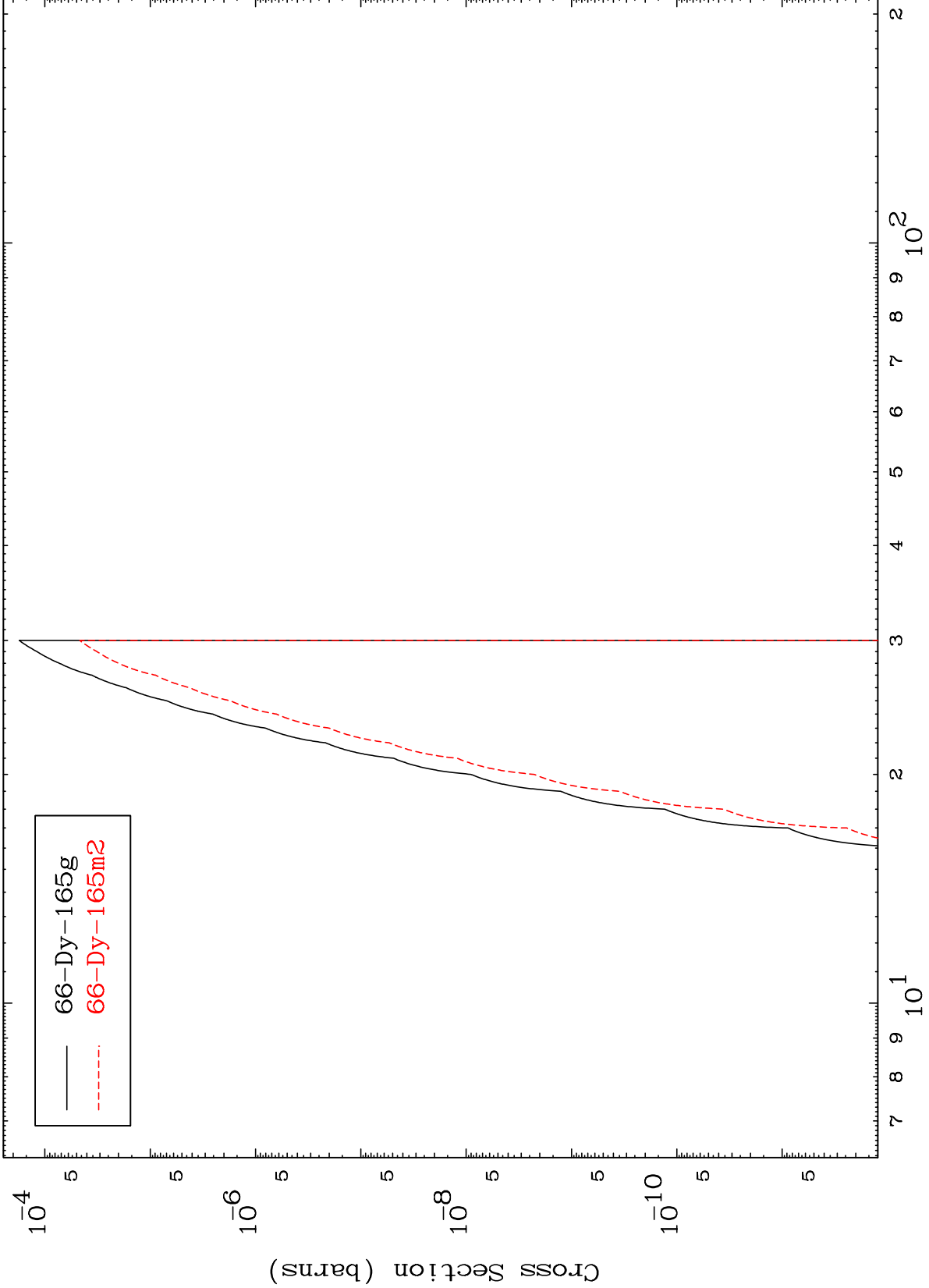
68-Er-167

MAT 6840

(n,He-3)

68-Er-167

Radionuclide Production Cross Section



129

Incident Energy (MeV)

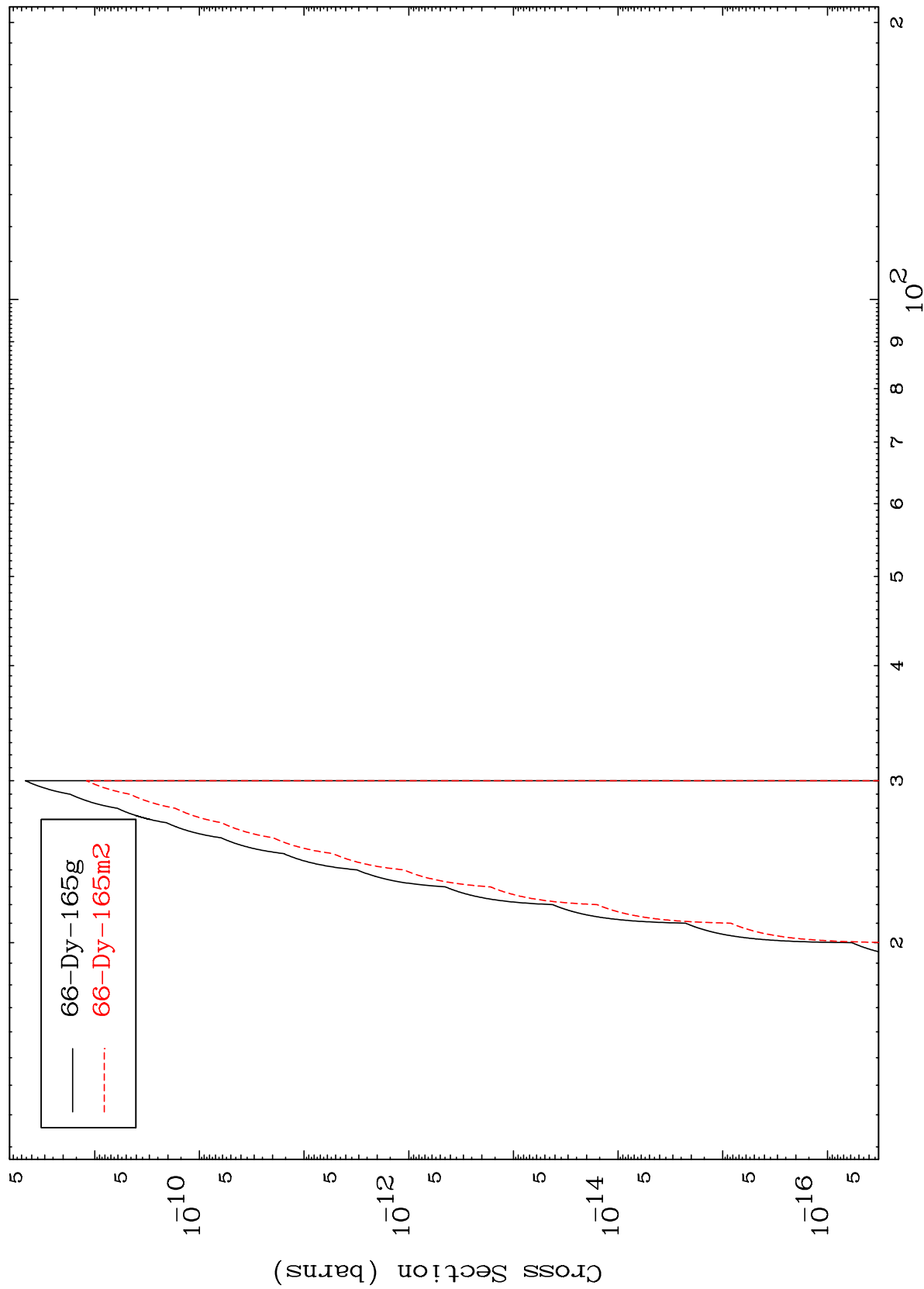
68-Er-167

MAT 6840

(n,p) d

68-Er-167

Radionuclide Production Cross Section



130

Incident Energy (MeV)

68-Er-167