

Program EVALPLOT  
(Version 2015-2)

by

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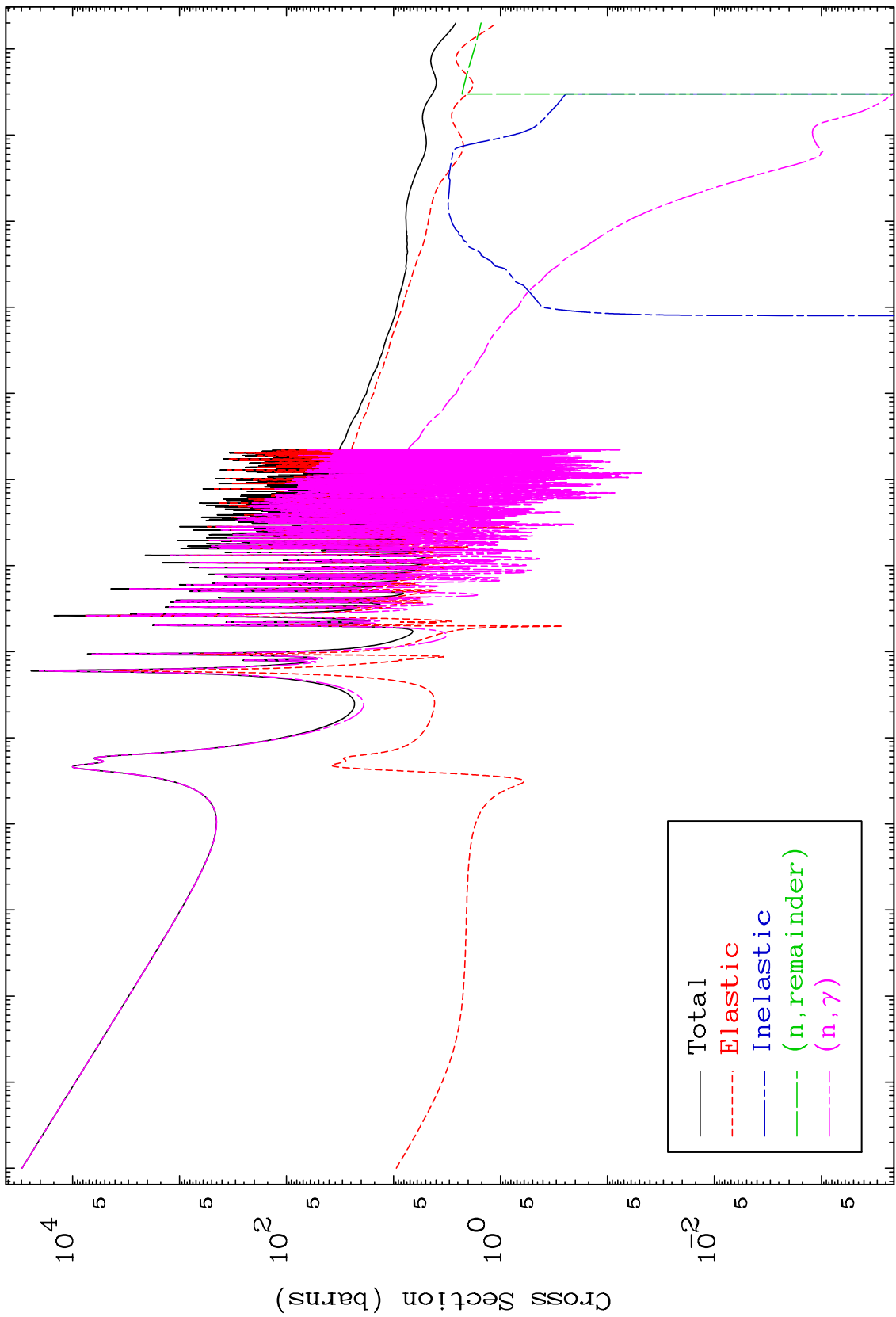
Press Mouse Button to Start

MAT 6840

Major

68-Er-167

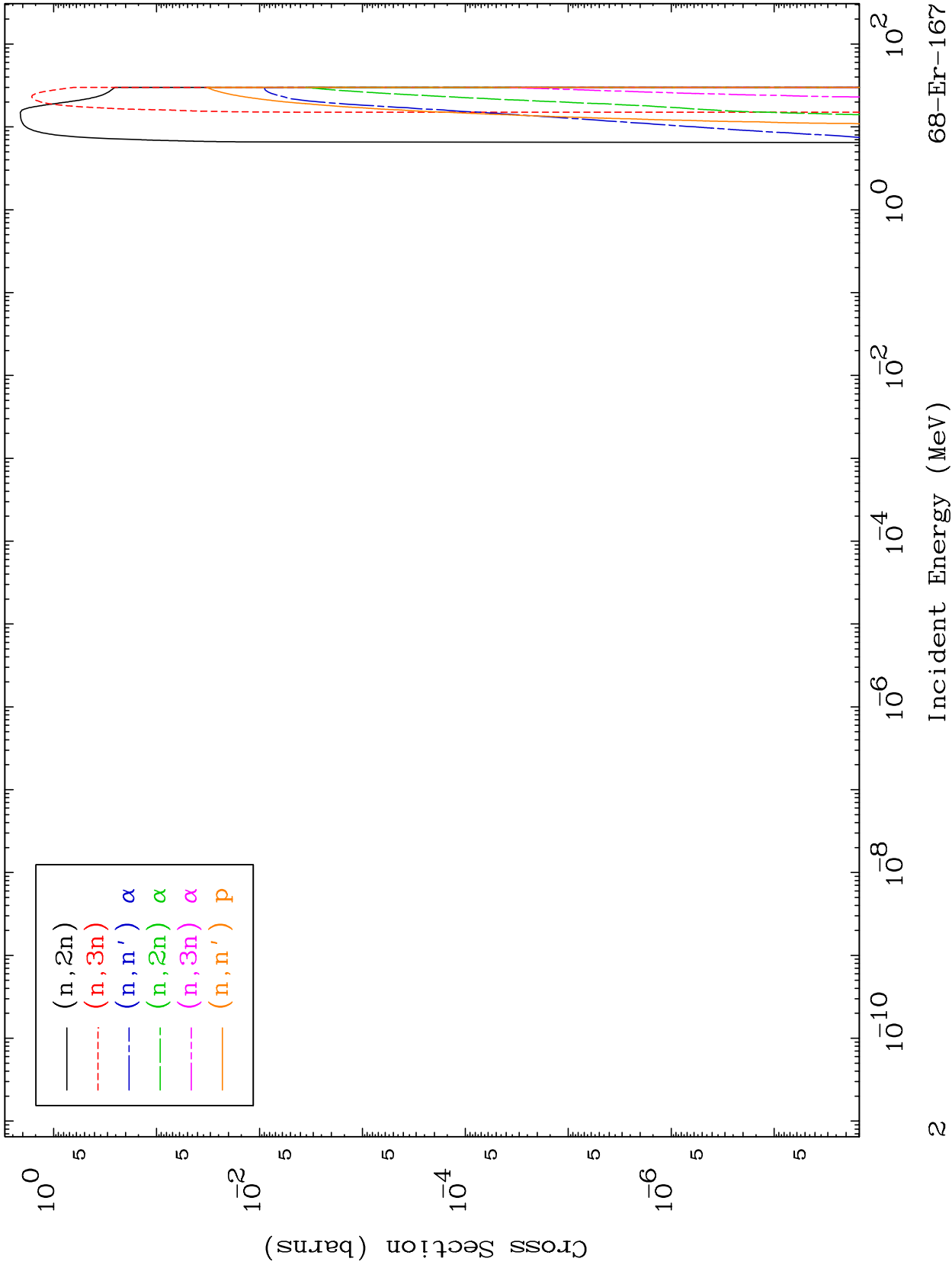
293 Kelvin Cross Sections

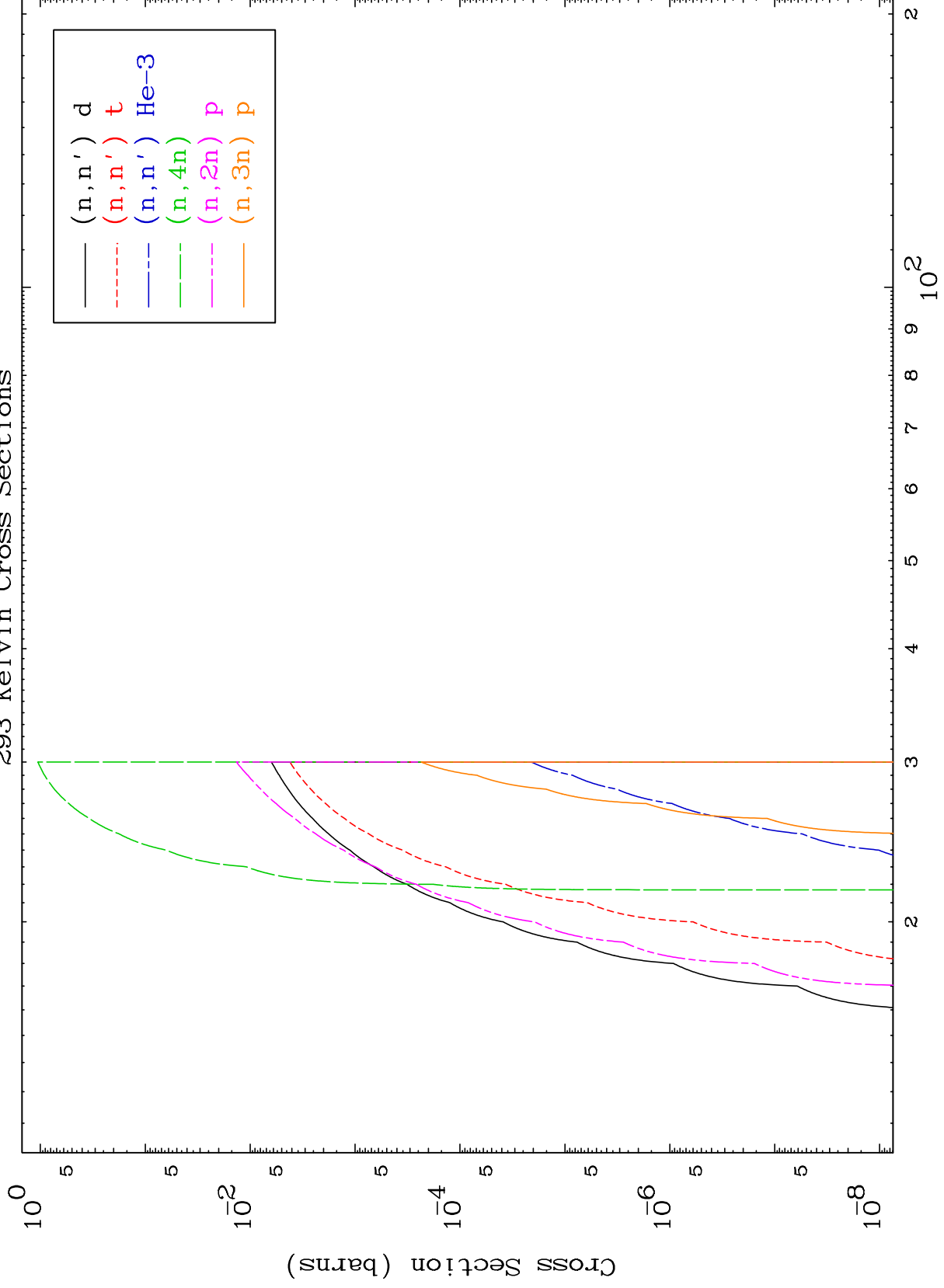


MAT 6840

Neutron Production  
293 Kelvin Cross Sections

68-Er-167

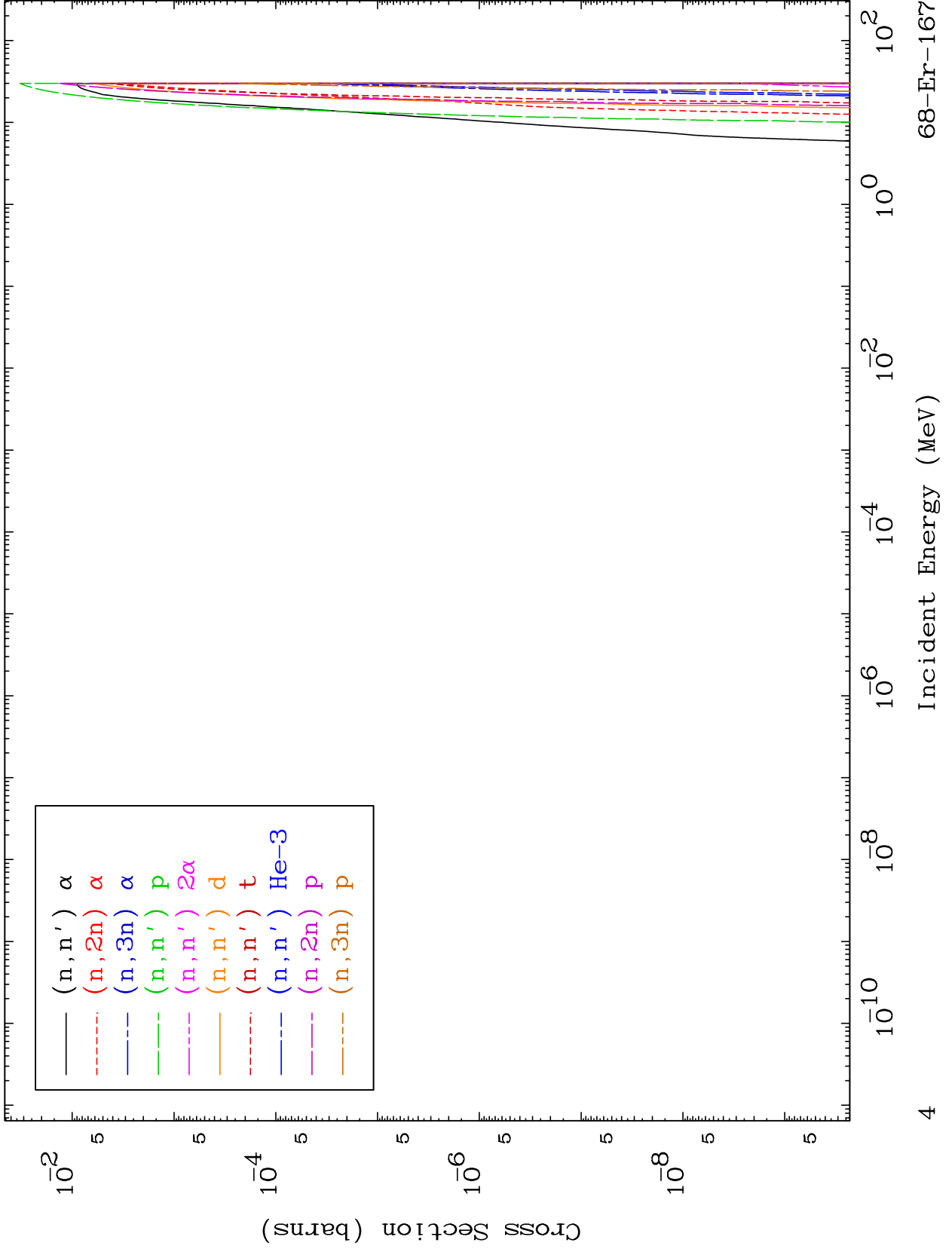




MAT 6840

Charged Particle  
293 Kelvin Cross Sections

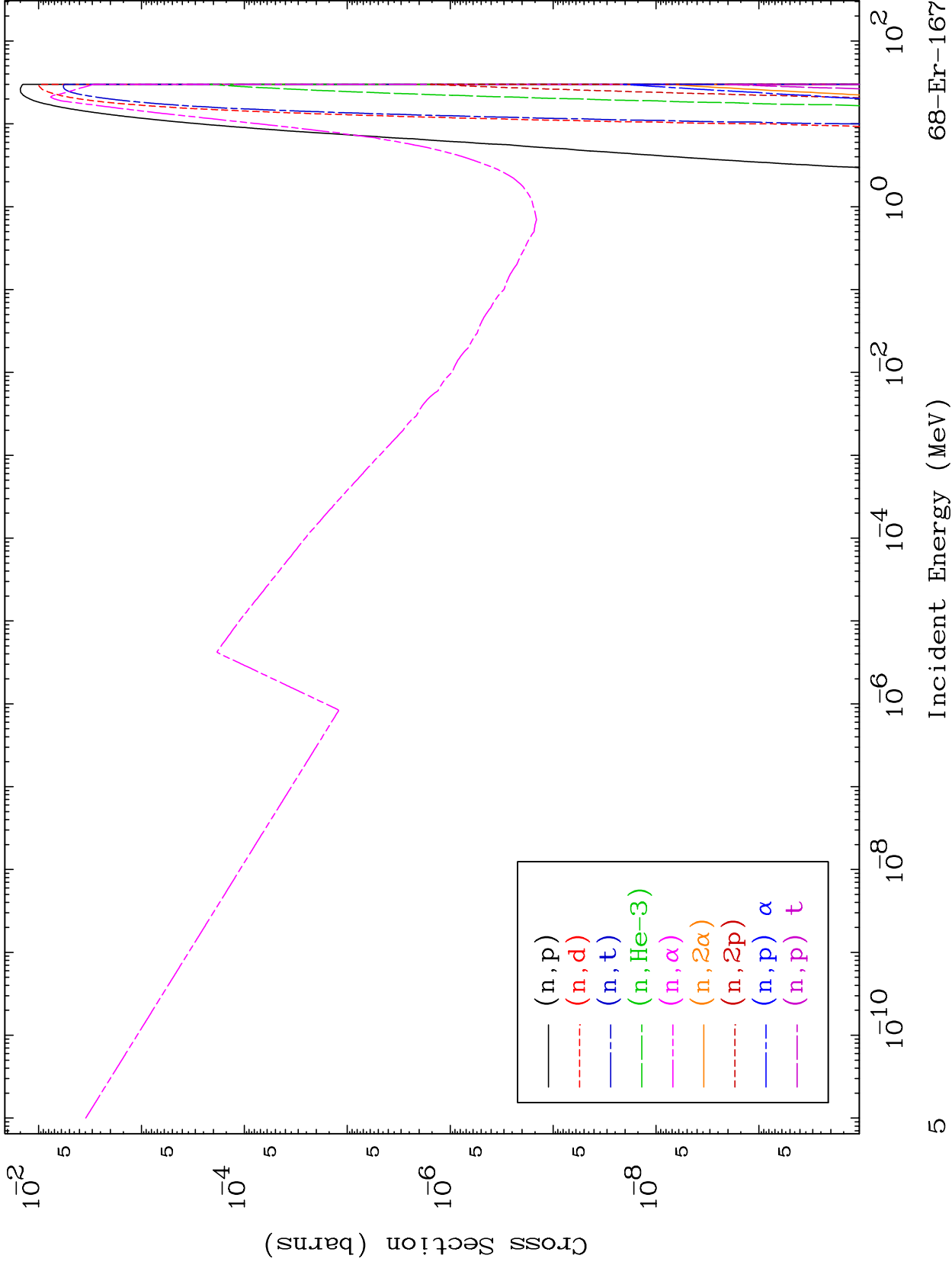
68-Er-167

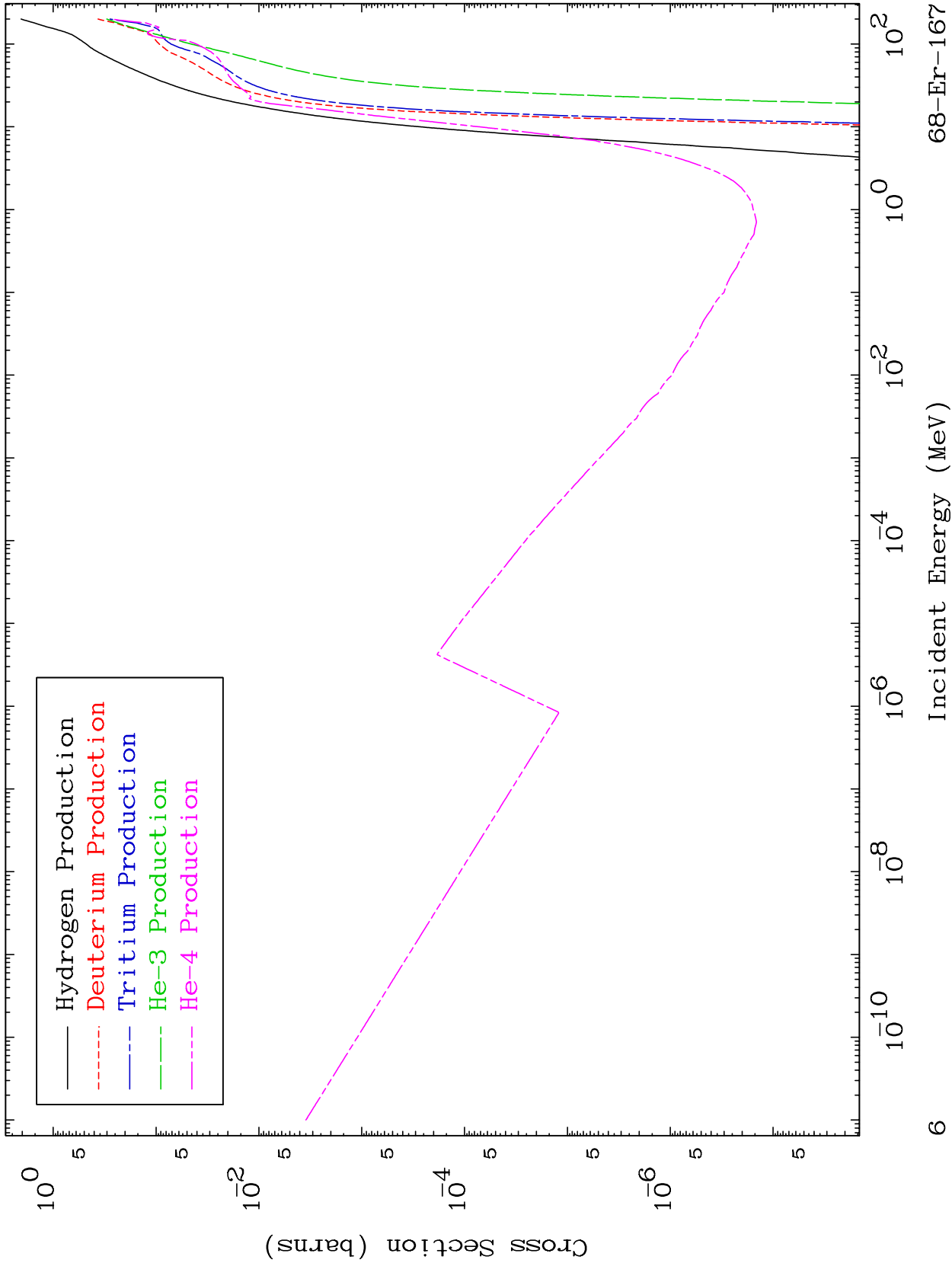


MAT 6840

Charged Particle  
293 Kelvin Cross Sections

68-Er-167

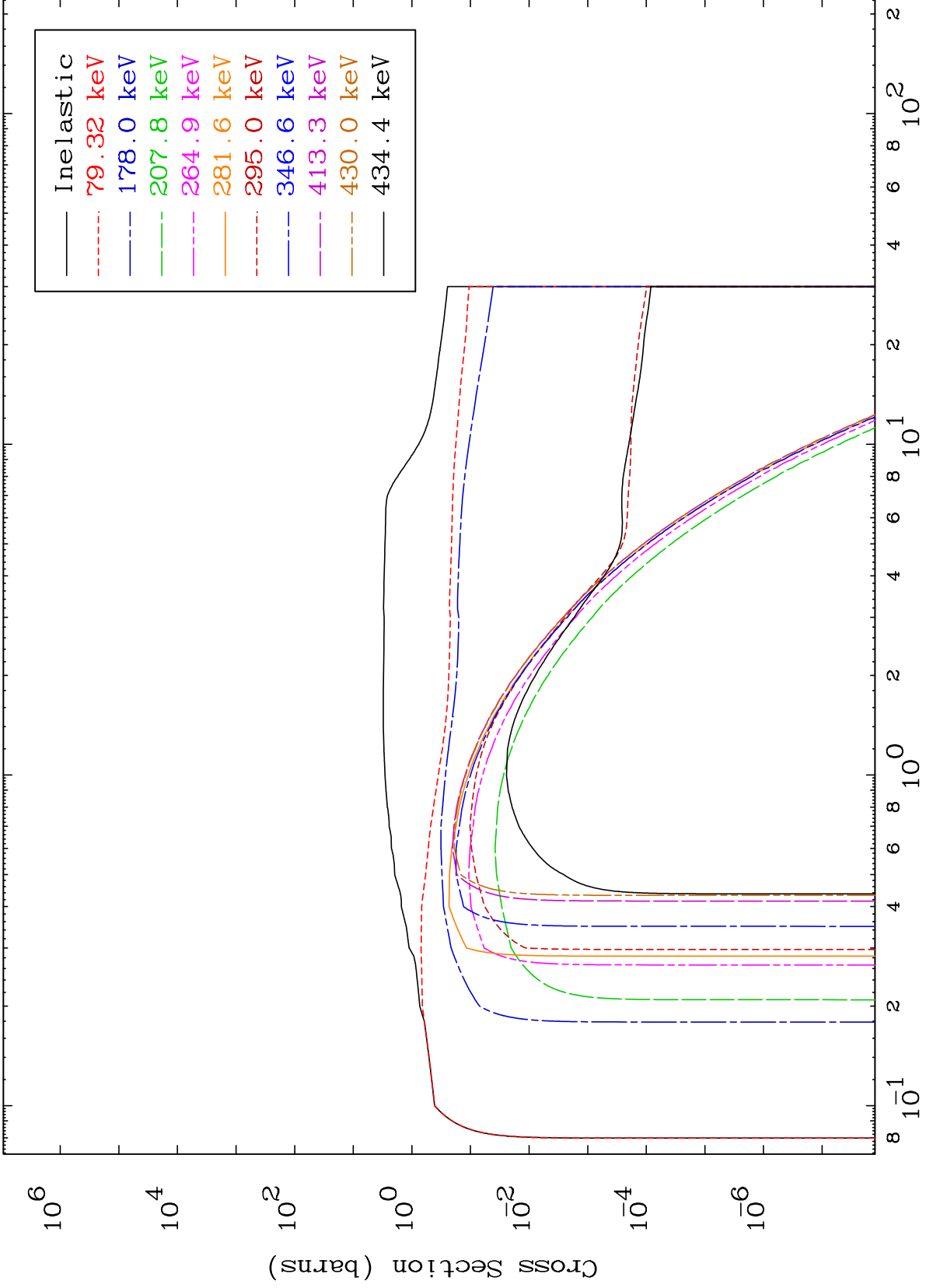




MAT 6840

(n,n') Level  
293 Kelvin Cross Sections

68-Er-167



68-Er-167

Incident Energy (MeV)

7

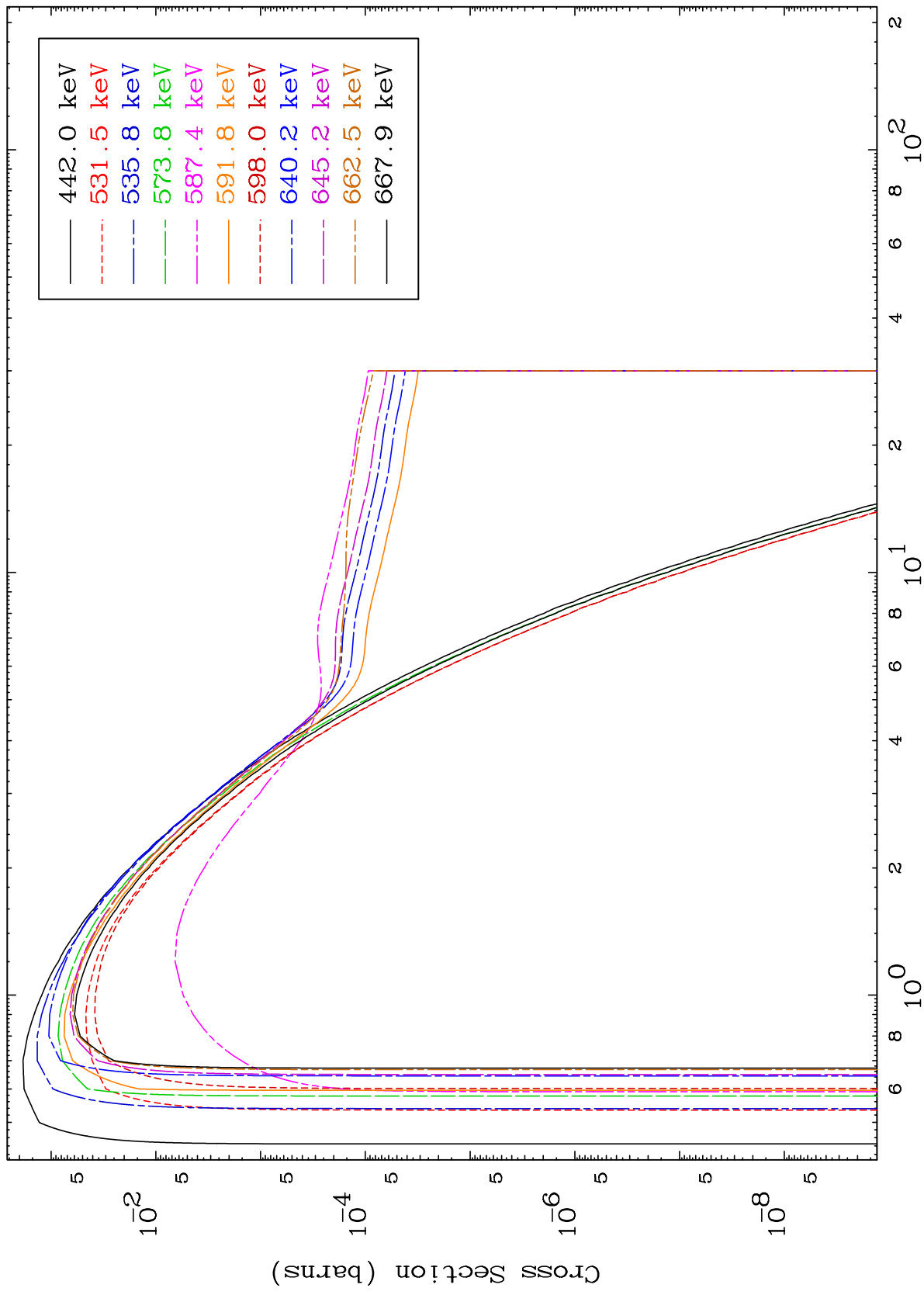


MAT 6840

(n,n') Level

68-Er-167

293 Kelvin Cross Sections



8

Incident Energy (MeV)

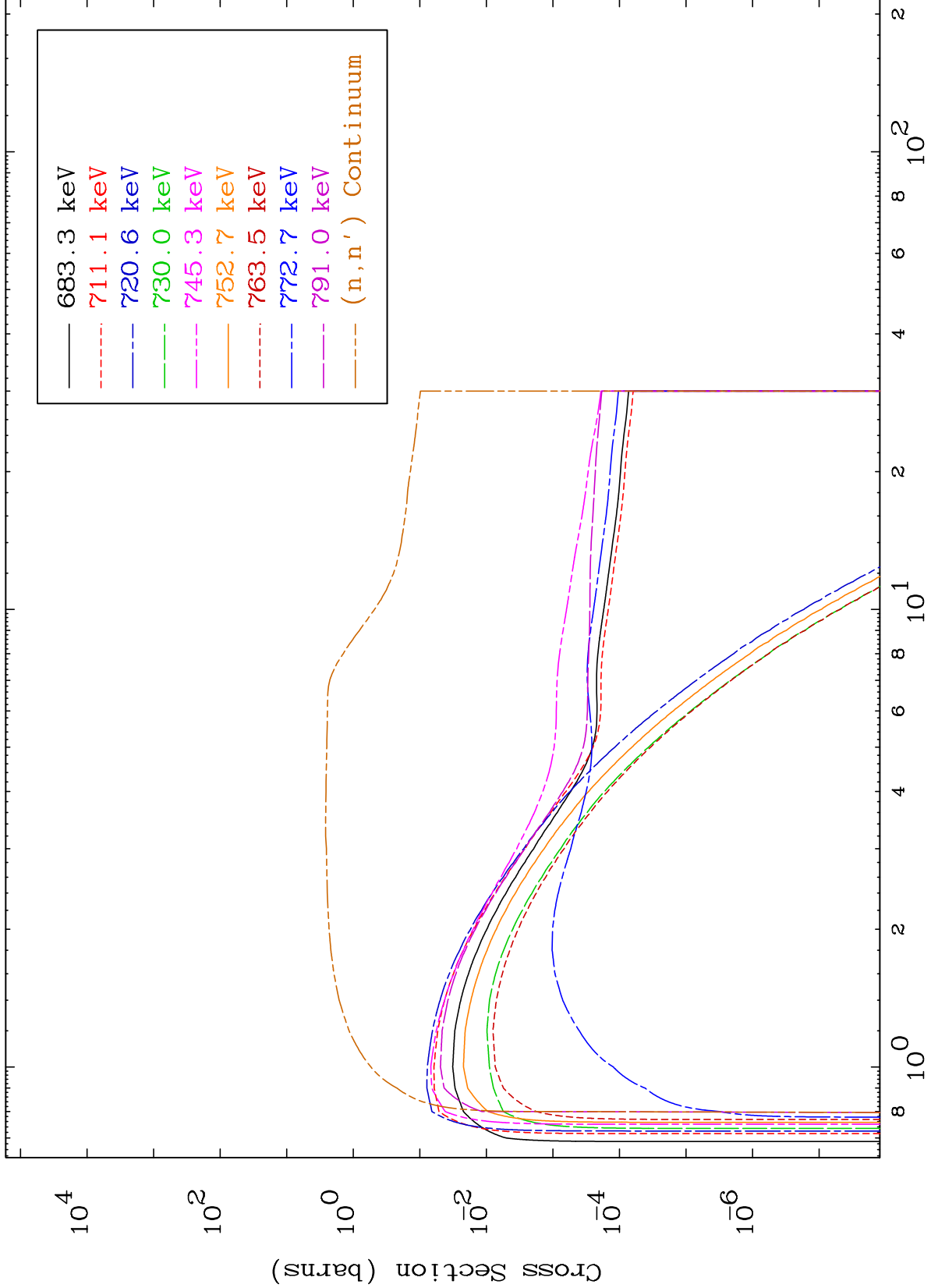
68-Er-167

MAT 6840

(n,n') Level

68-Er-167

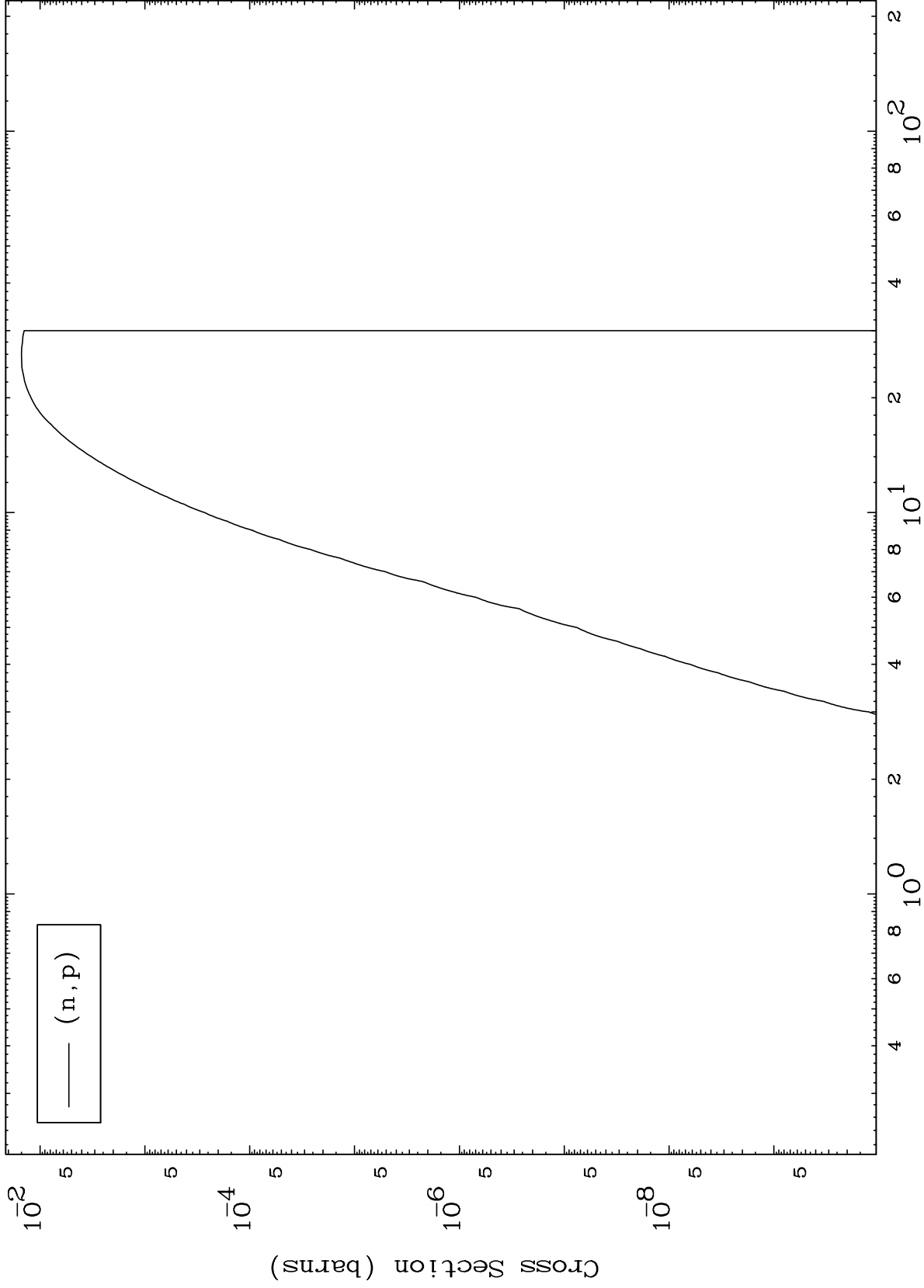
293 Kelvin Cross Sections



MAT 6840

(n,p) Levels  
293 Kelvin Cross Sections

68-Er-167



10

Incident Energy (MeV)

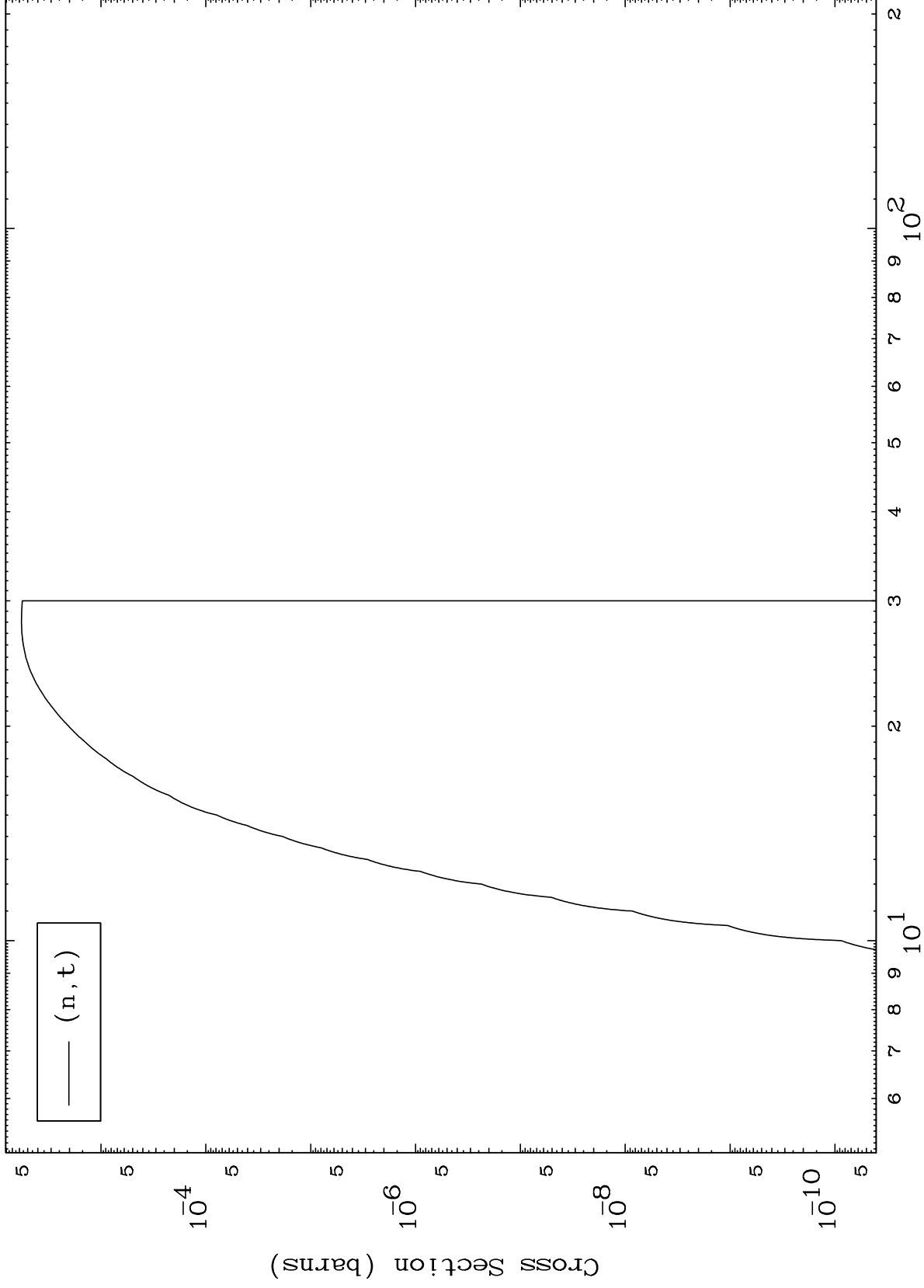
68-Er-167



MAT 6840

(n,t) Levels  
293 Kelvin Cross Sections

68-Er-167



12

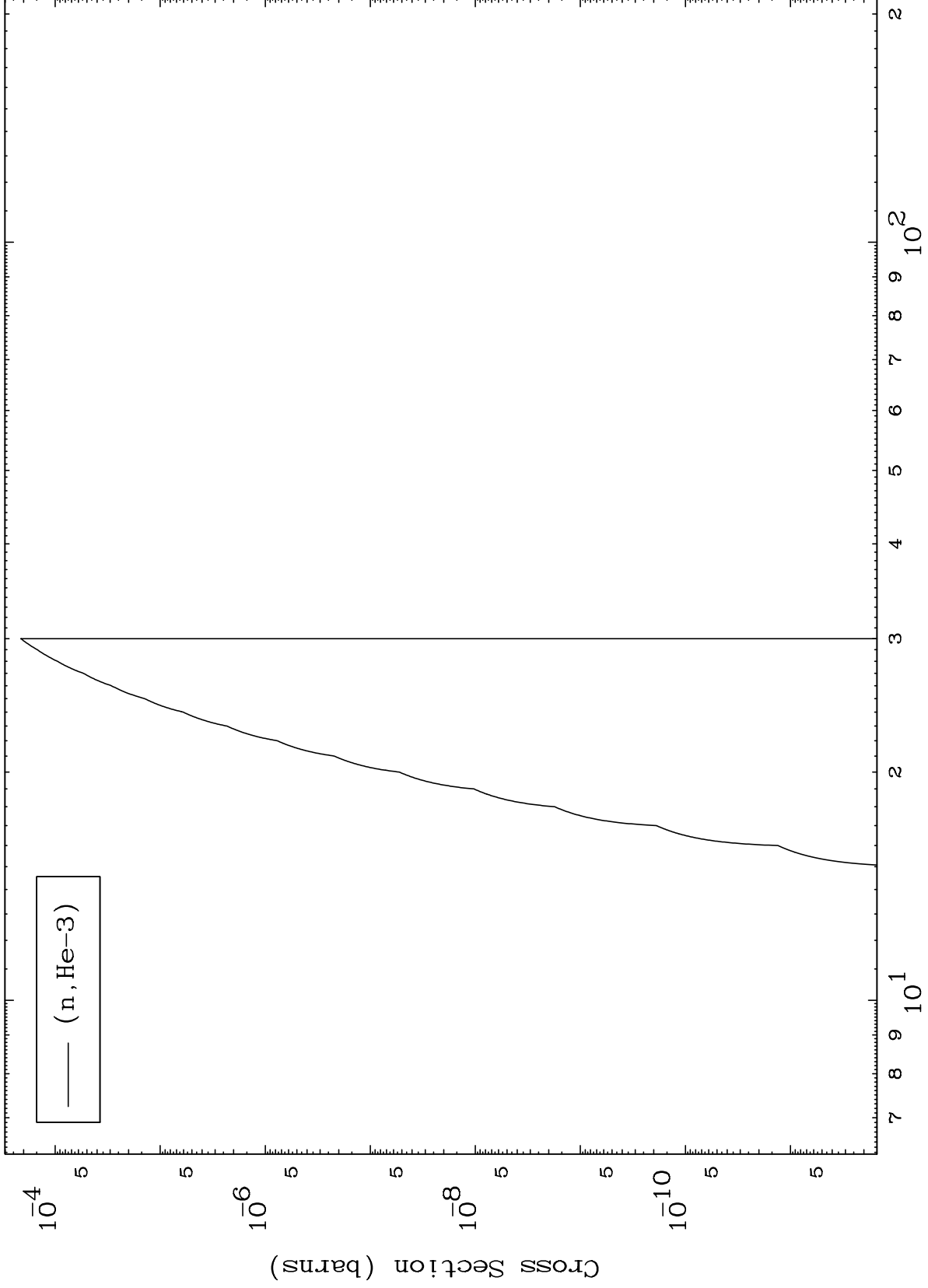
Incident Energy (MeV)

68-Er-167

MAT 6840

(n,He3) Levels  
293 Kelvin Cross Sections

68-Er-167



13

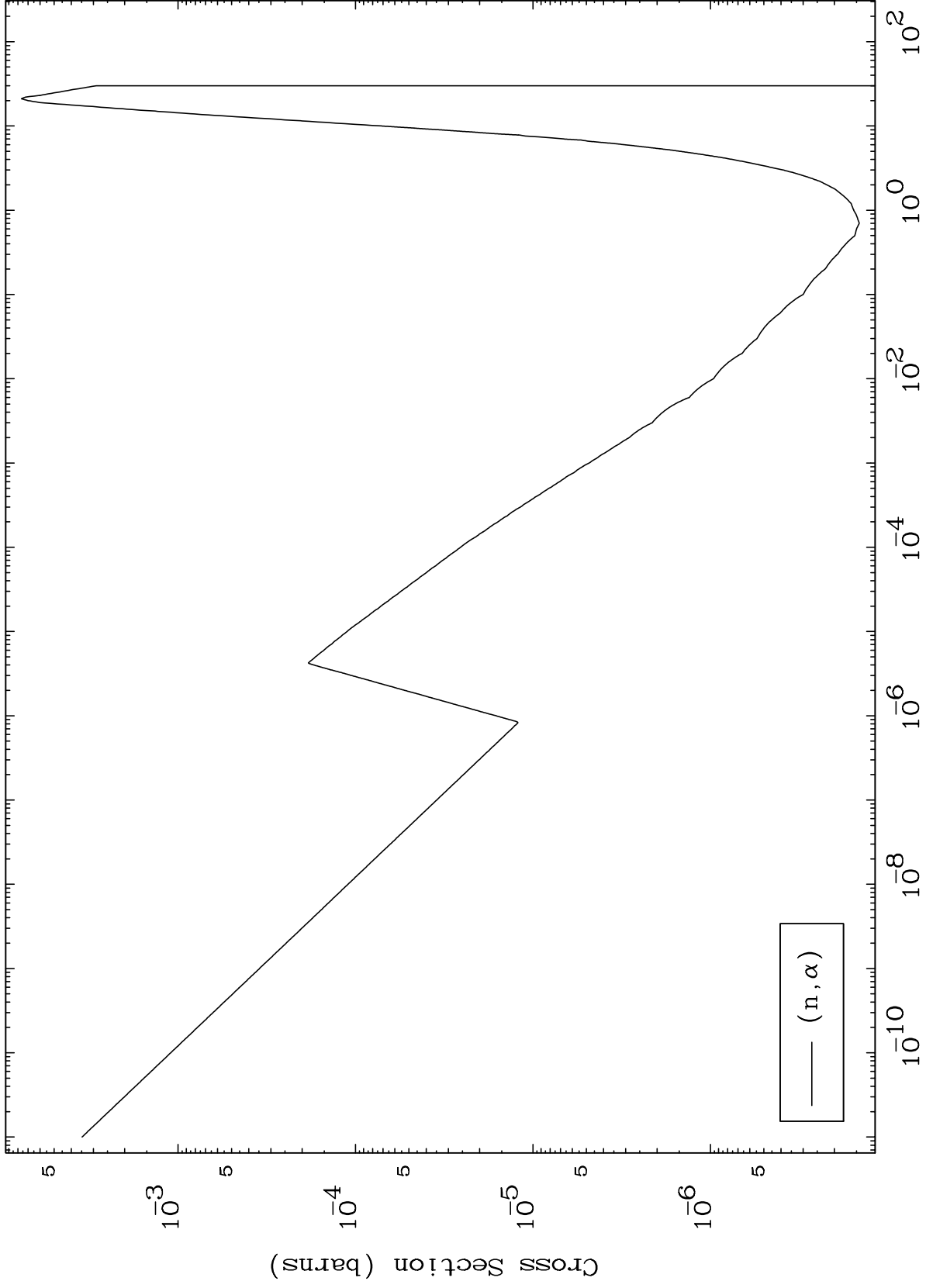
Incident Energy (MeV)

68-Er-167

MAT 6840

(n,α) Levels  
293 Kelvin Cross Sections

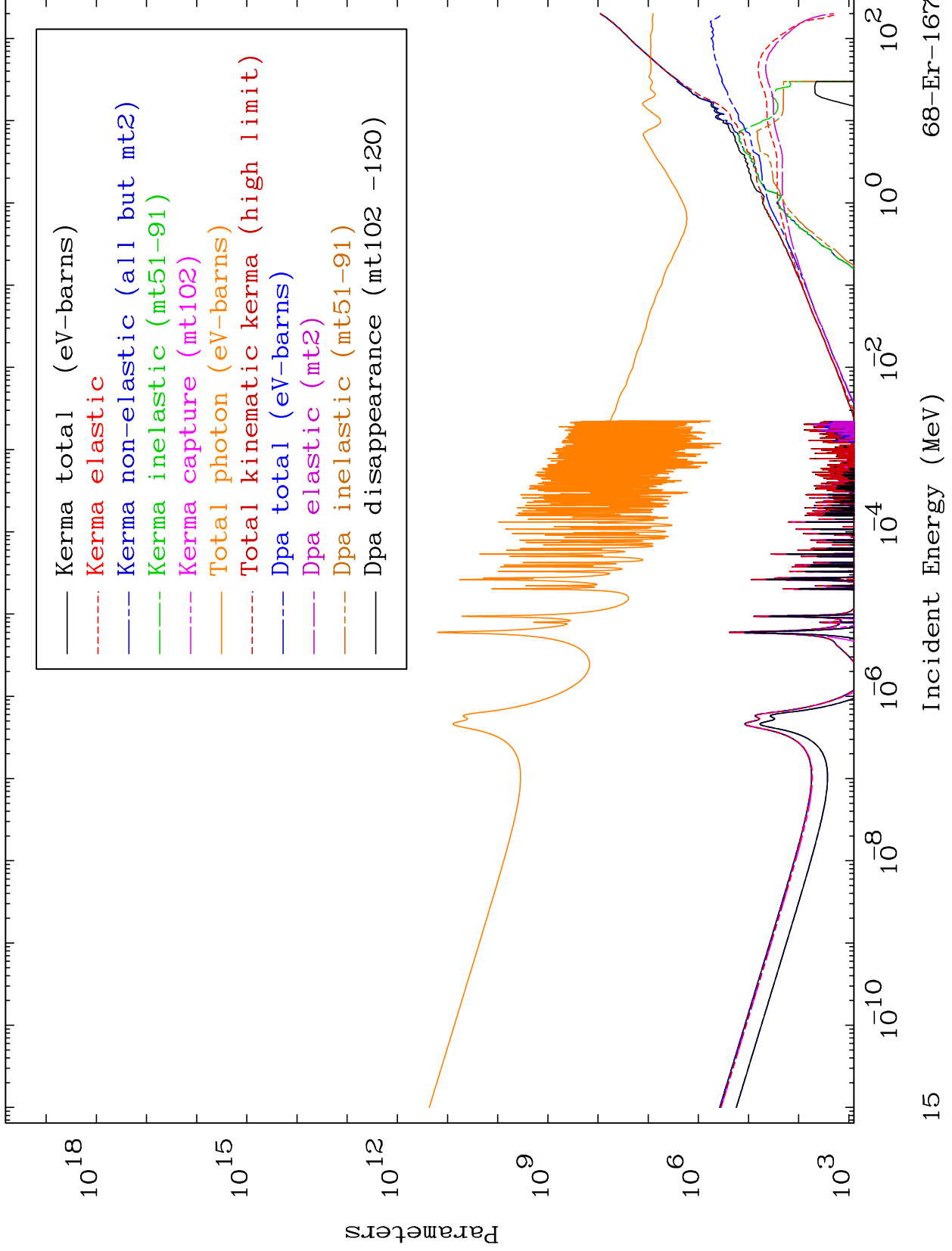
68-Er-167



14

Incident Energy (MeV)

68-Er-167

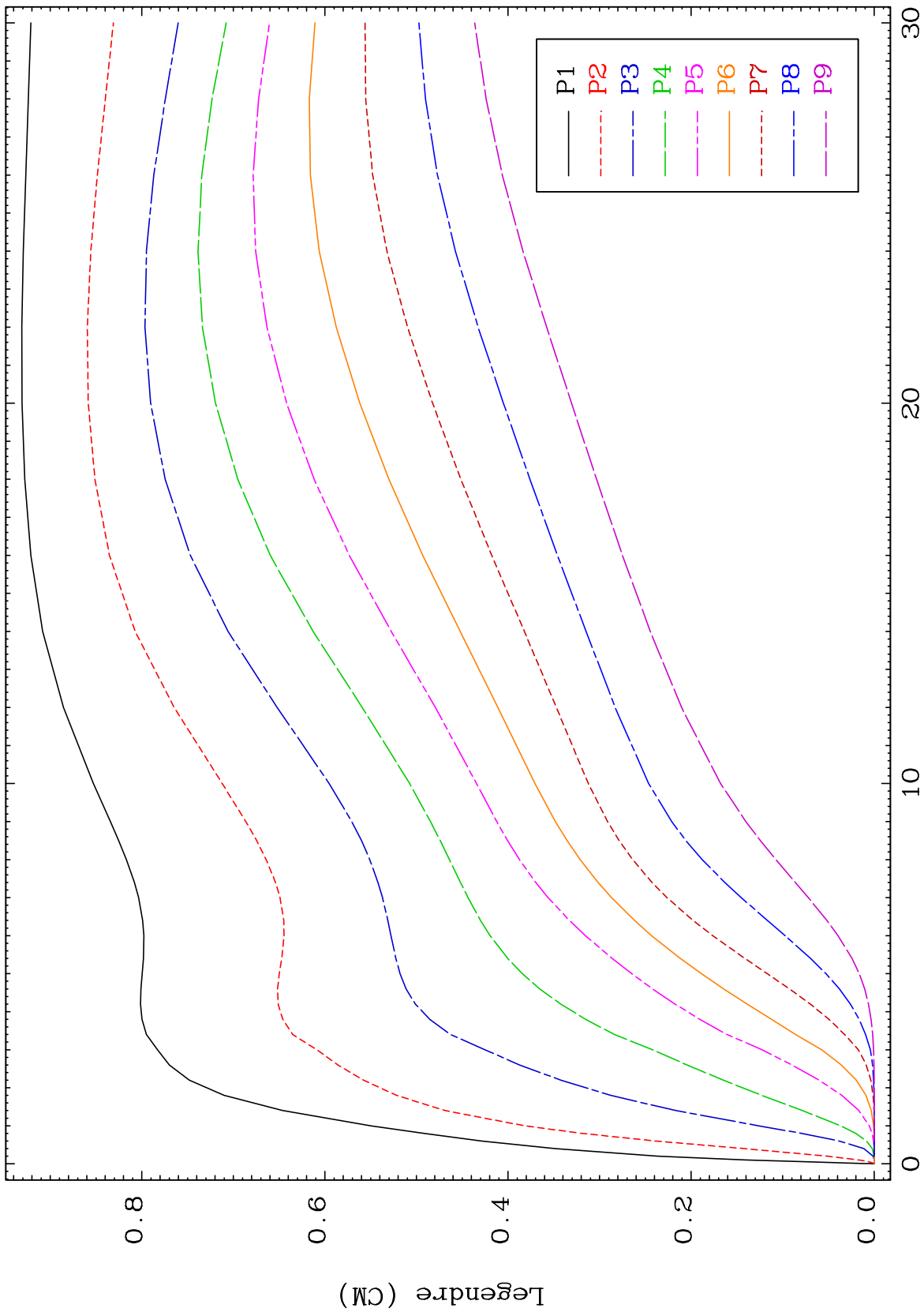




MAT 6840

68-Er-167

Elastic Legendre Coefficients



68-Er-167

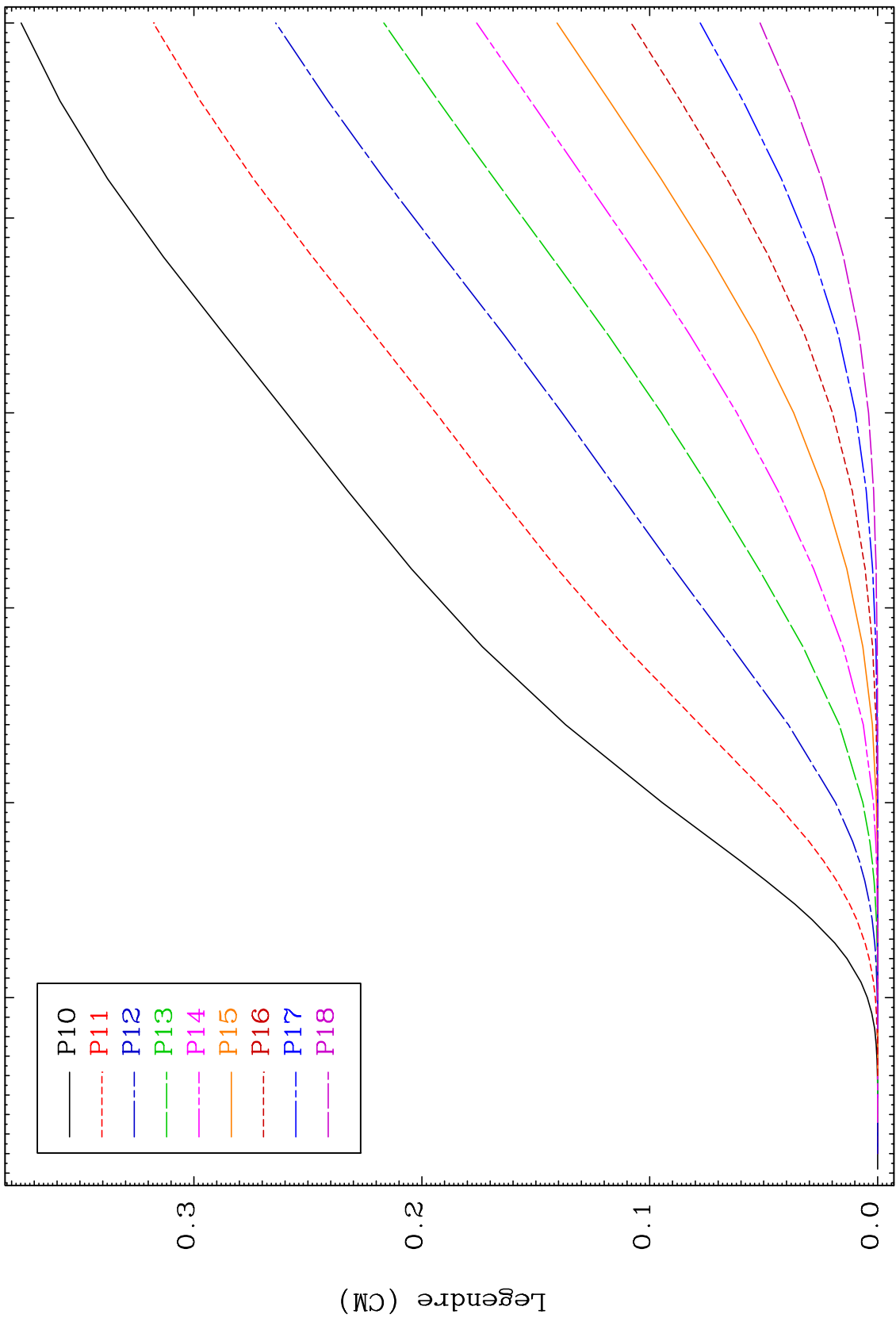
Incident Energy (MeV)

16

MAT 6840

Elastic Legendre Coefficients

68-Er-167



17

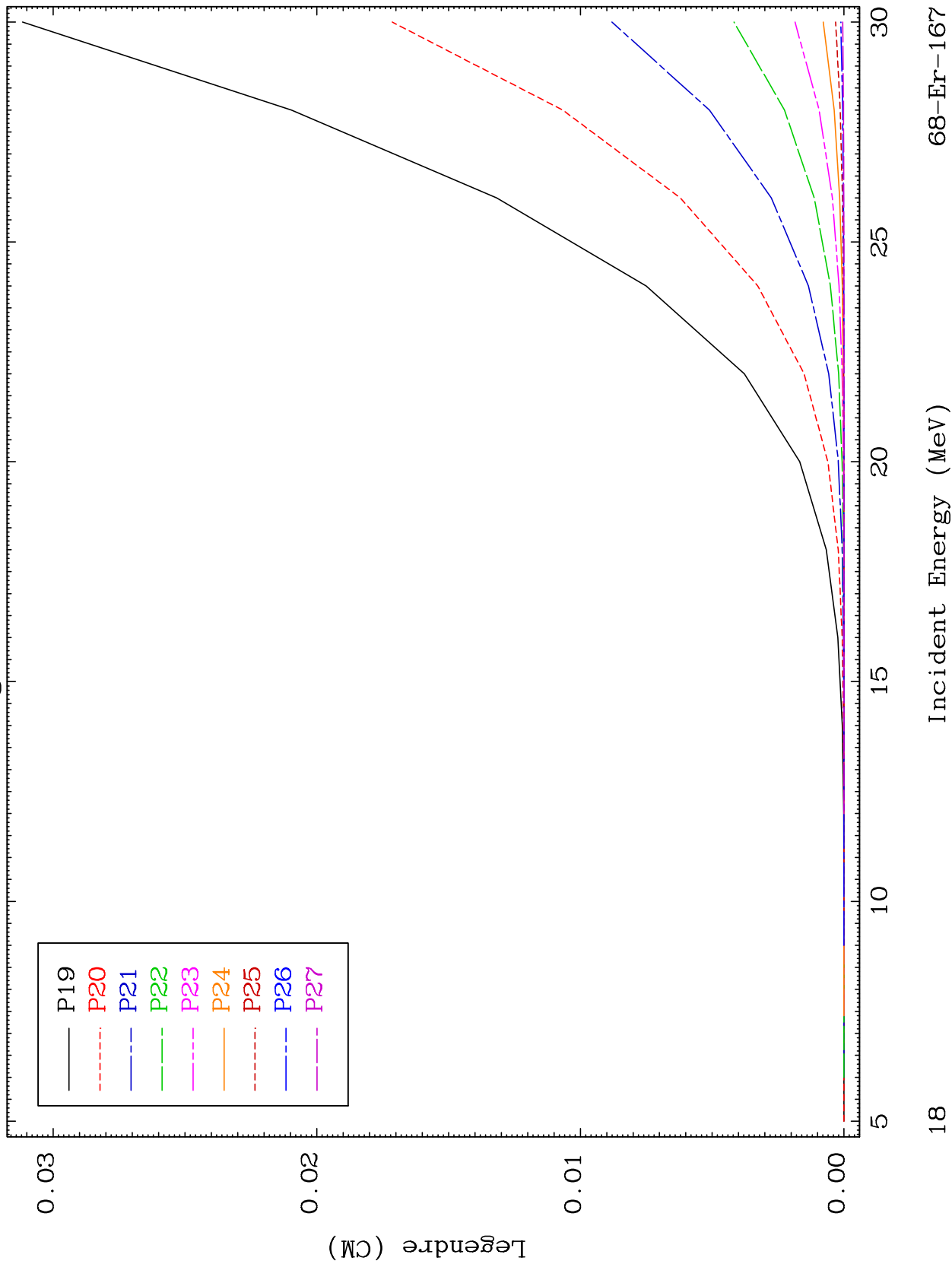
Incident Energy (MeV)

68-Er-167

MAT 6840

Elastic  
Legendre Coefficients

68-Er-167



68-Er-167

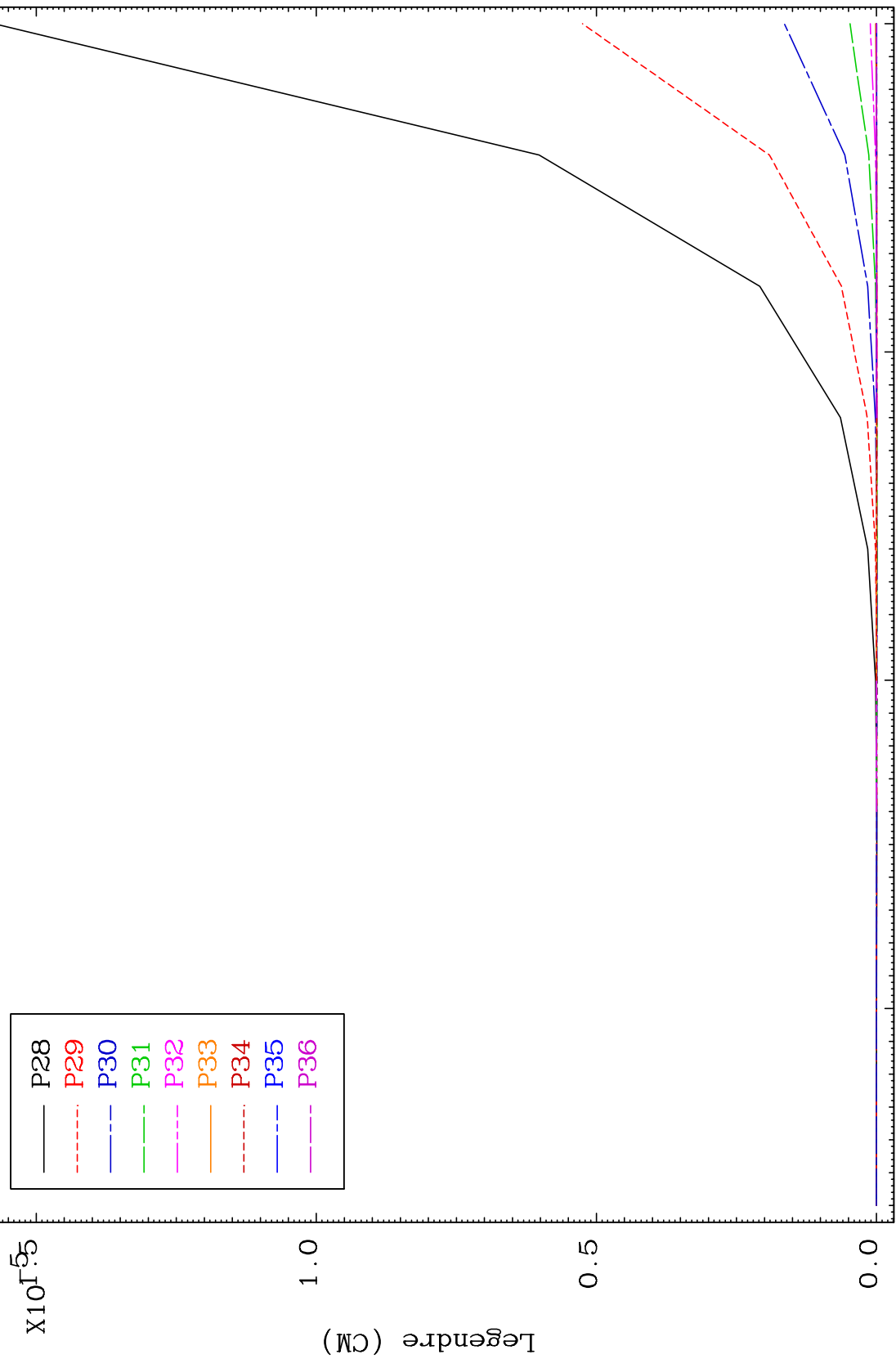
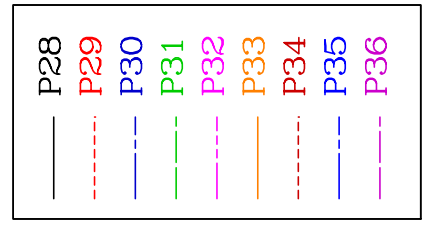
Incident Energy (MeV)

18

MAT 6840

Elastic  
Legendre Coefficients

68-Er-167



19

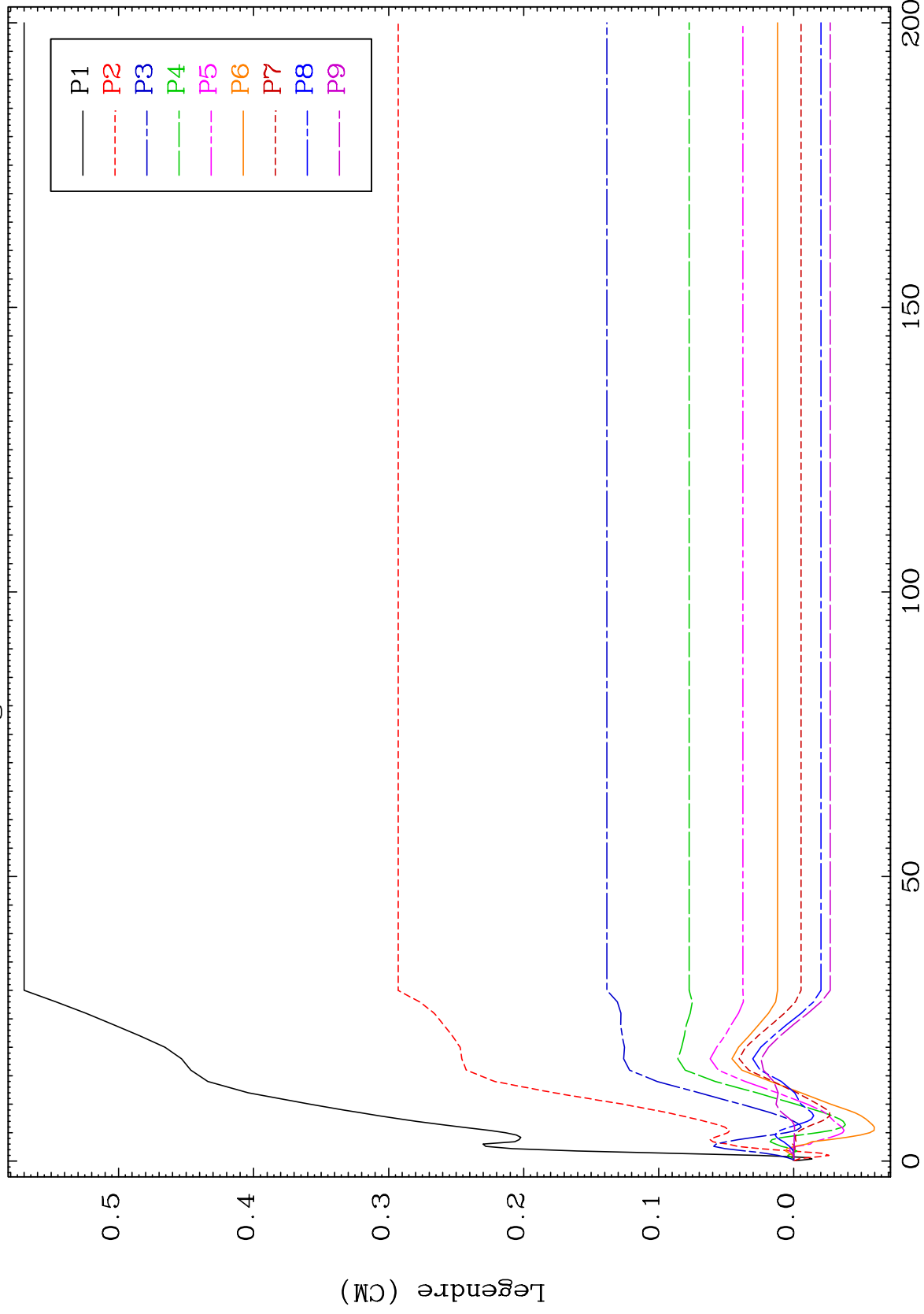
Incident Energy (MeV)

68-Er-167

MAT 6840

79.32 keV (n,n') Level  
Legendre Coefficients

68-Er-167



0

50

100

150

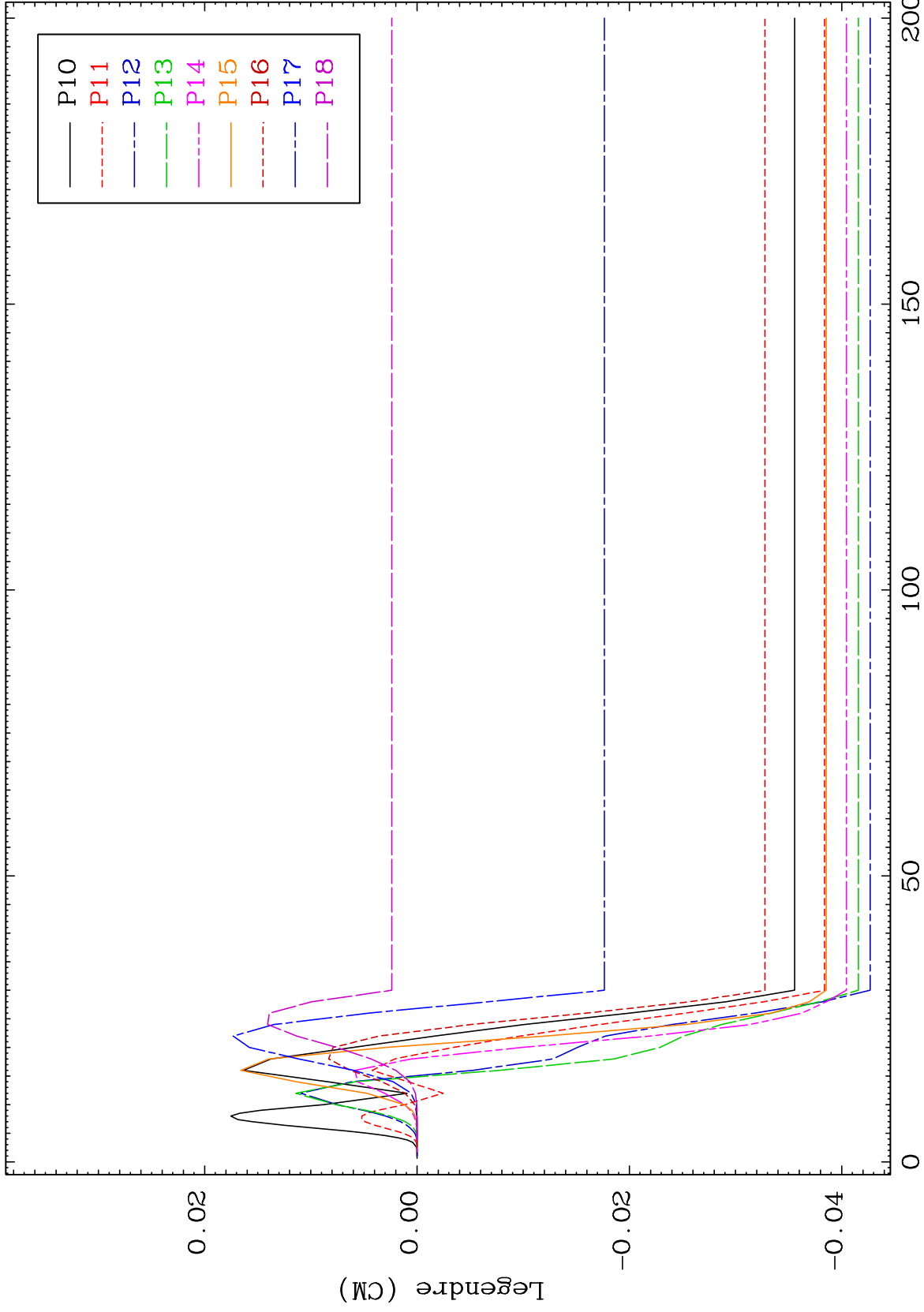
200

68-Er-167

MAT 6840

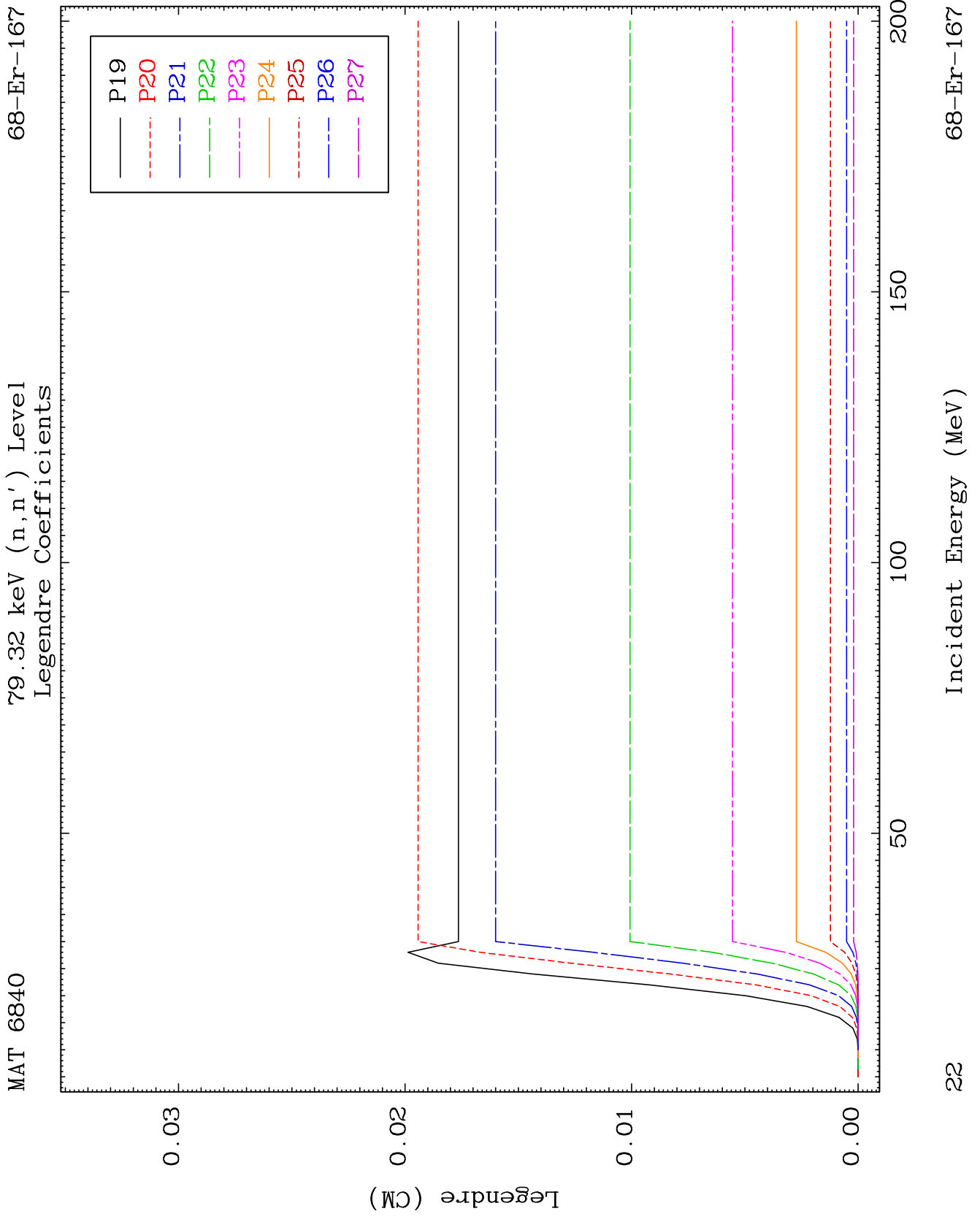
79.32 keV (n,n') Level  
Legendre Coefficients

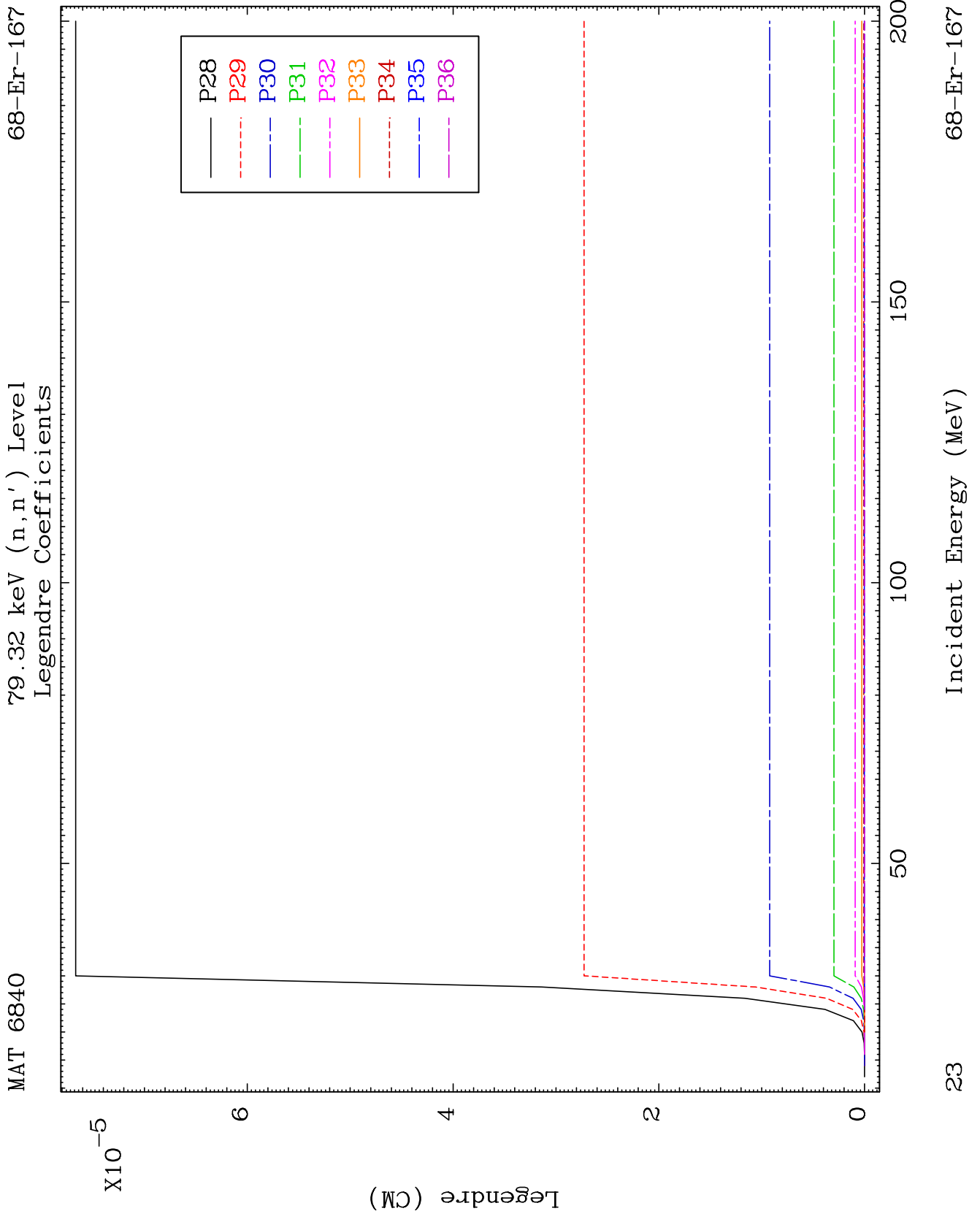
68-Er-167



21

68-Er-167



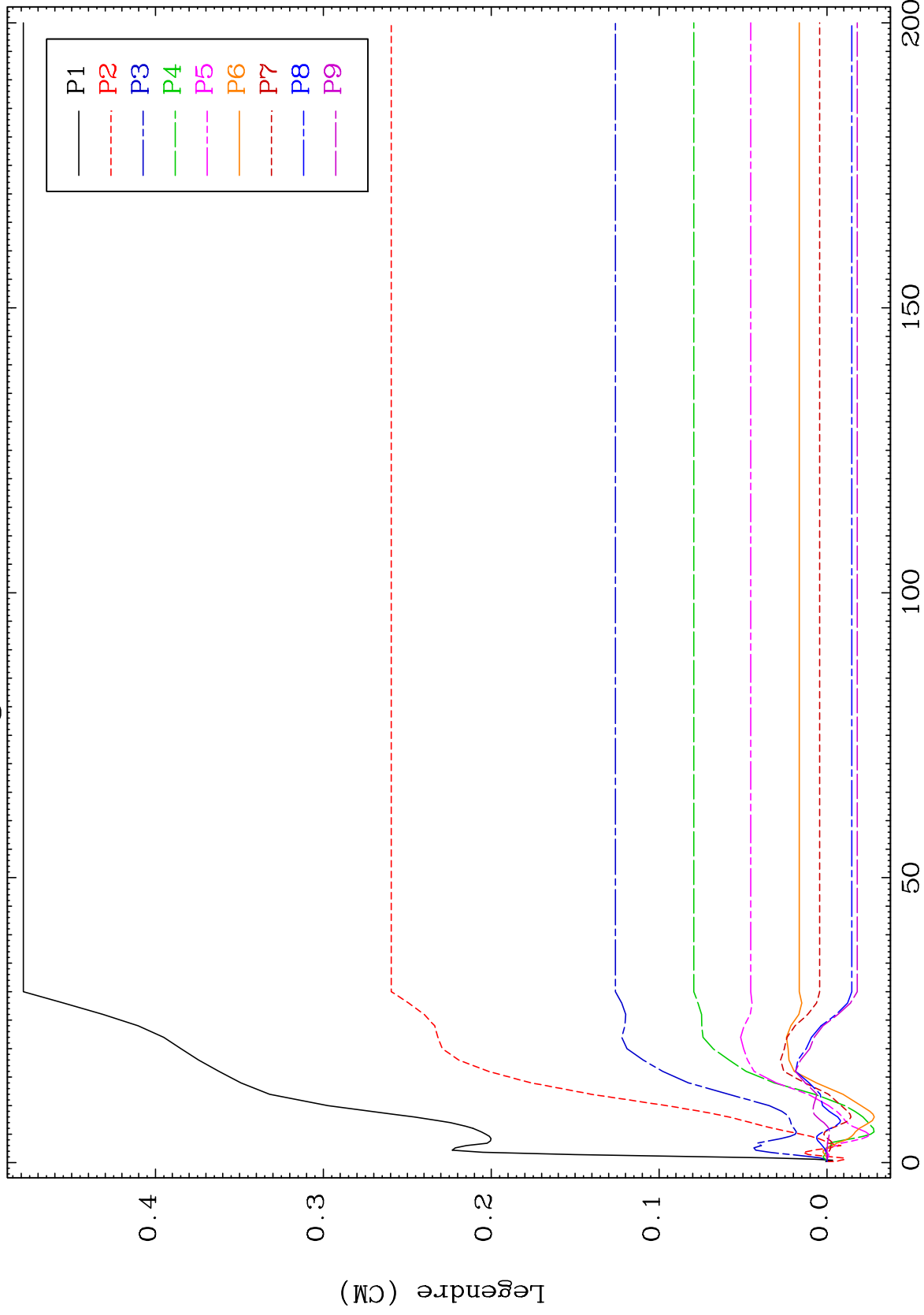




MAT 6840

178.0 keV (n,n') Level  
Legendre Coefficients

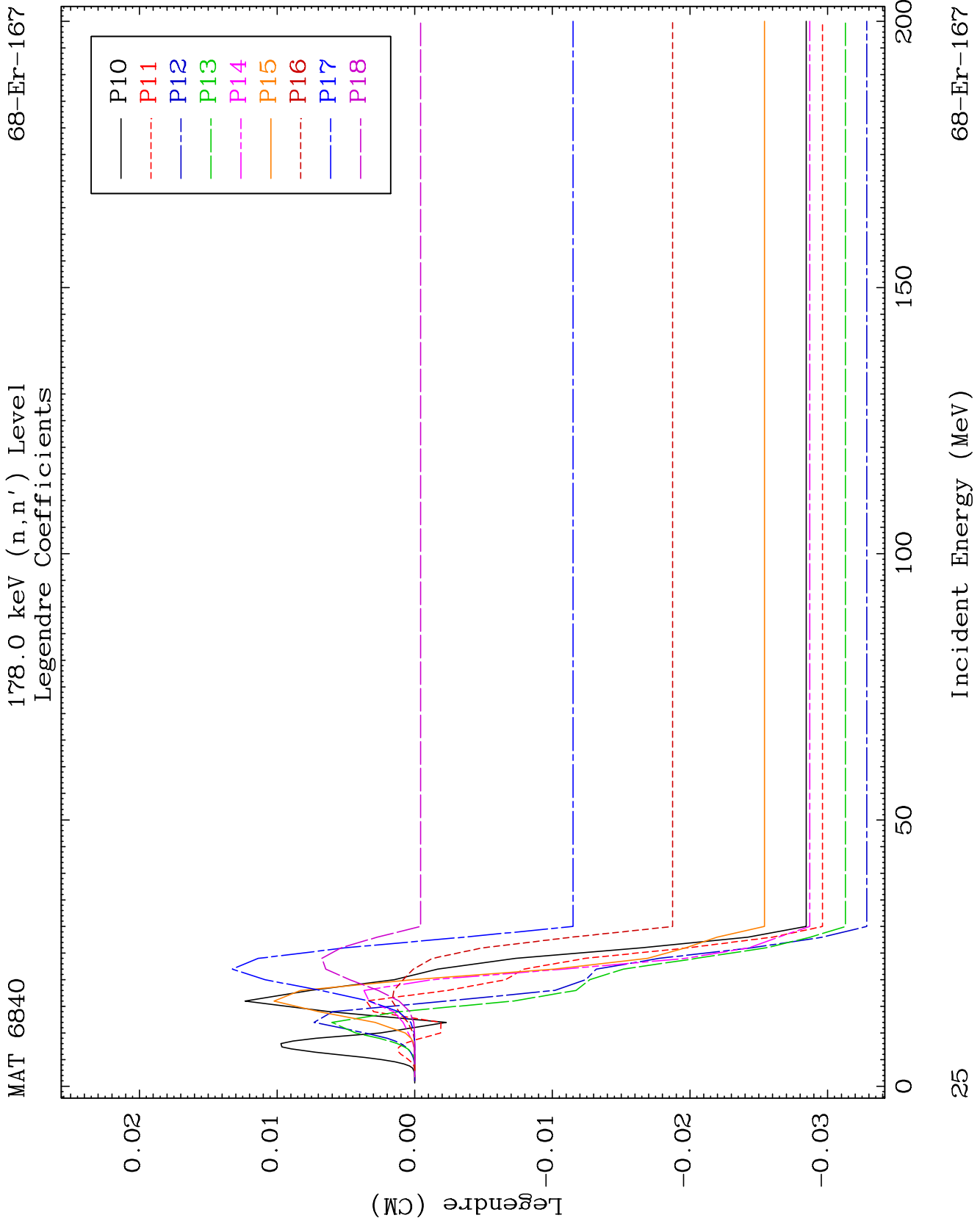
68-Er-167

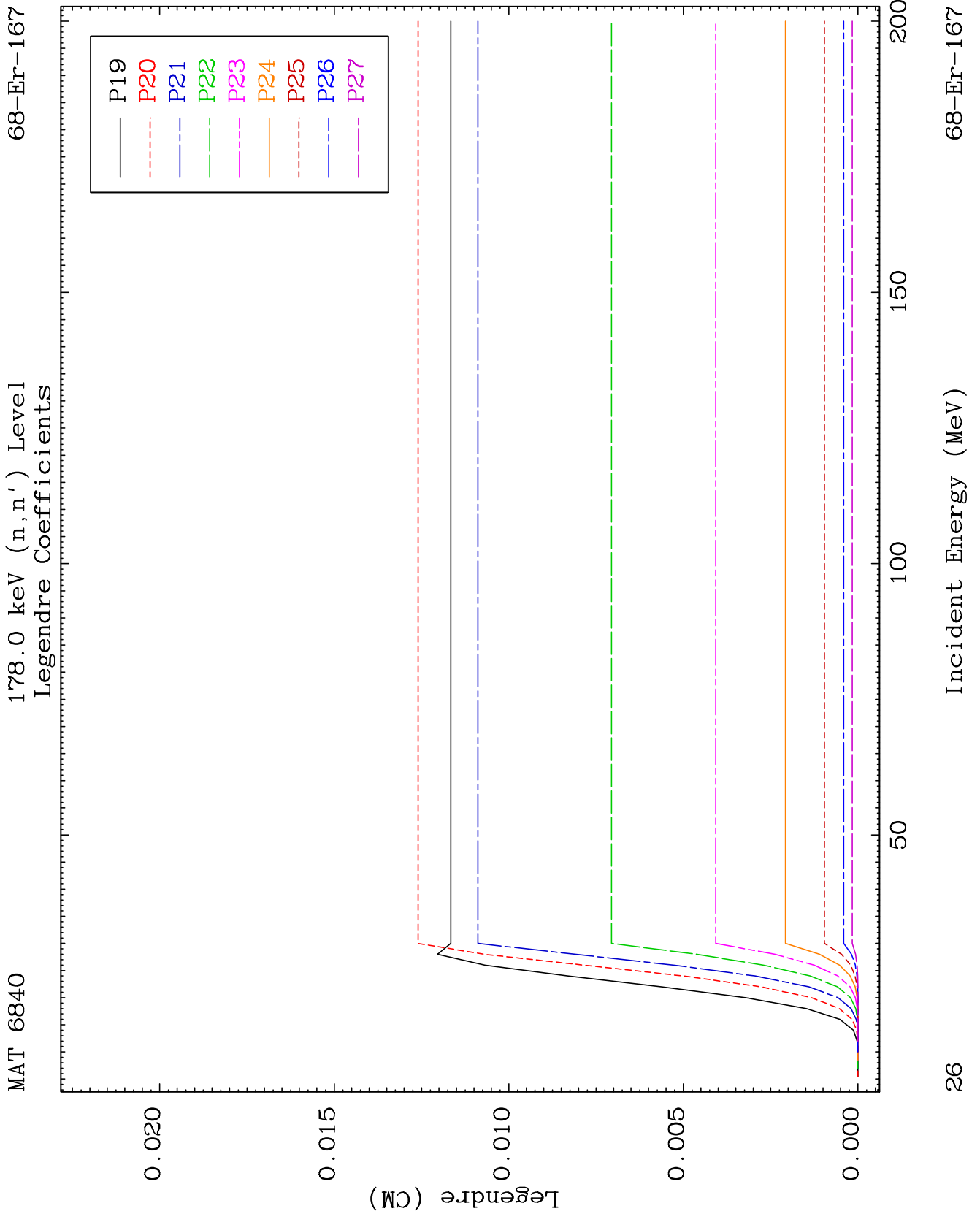


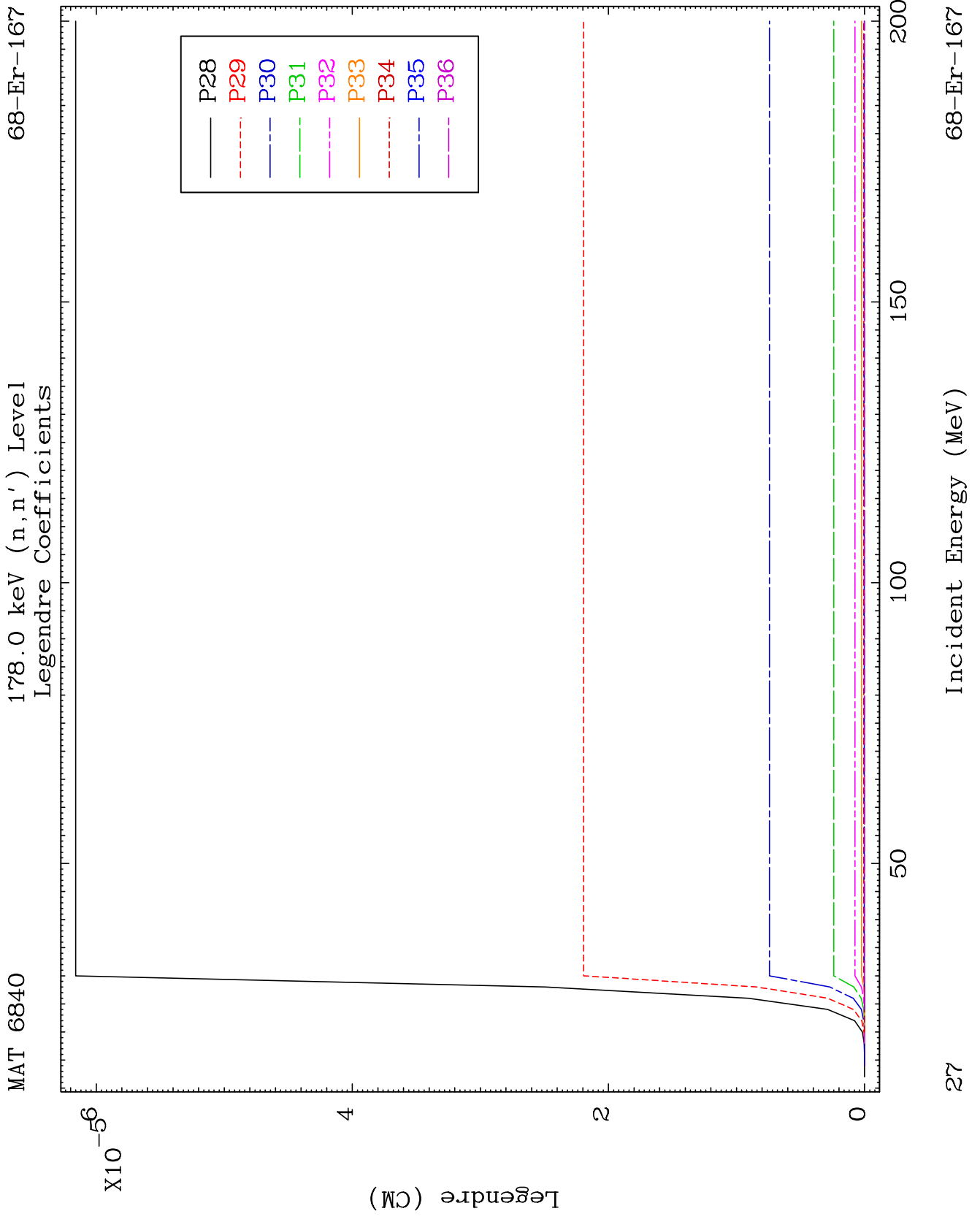
24

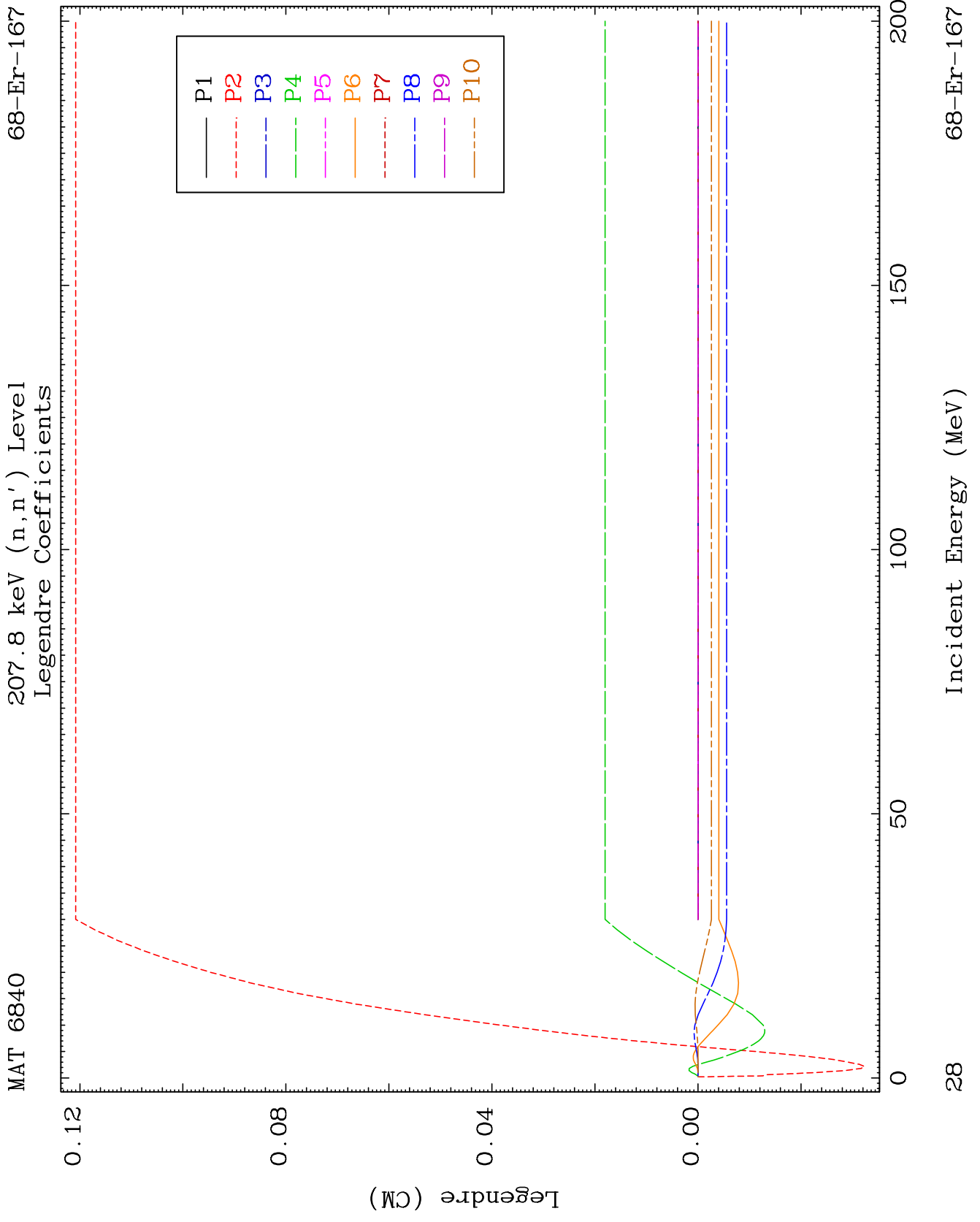
Incident Energy (MeV)

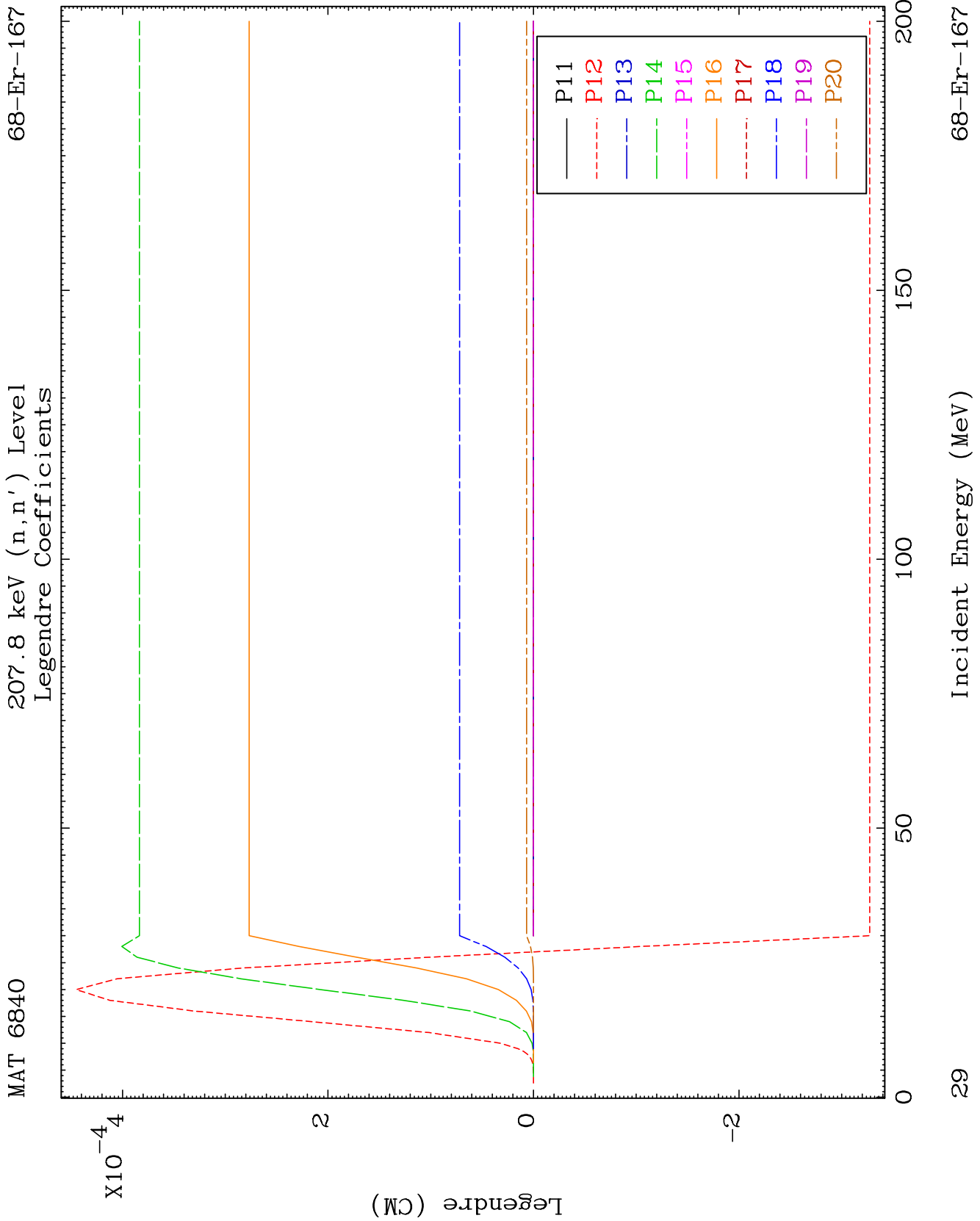
68-Er-167

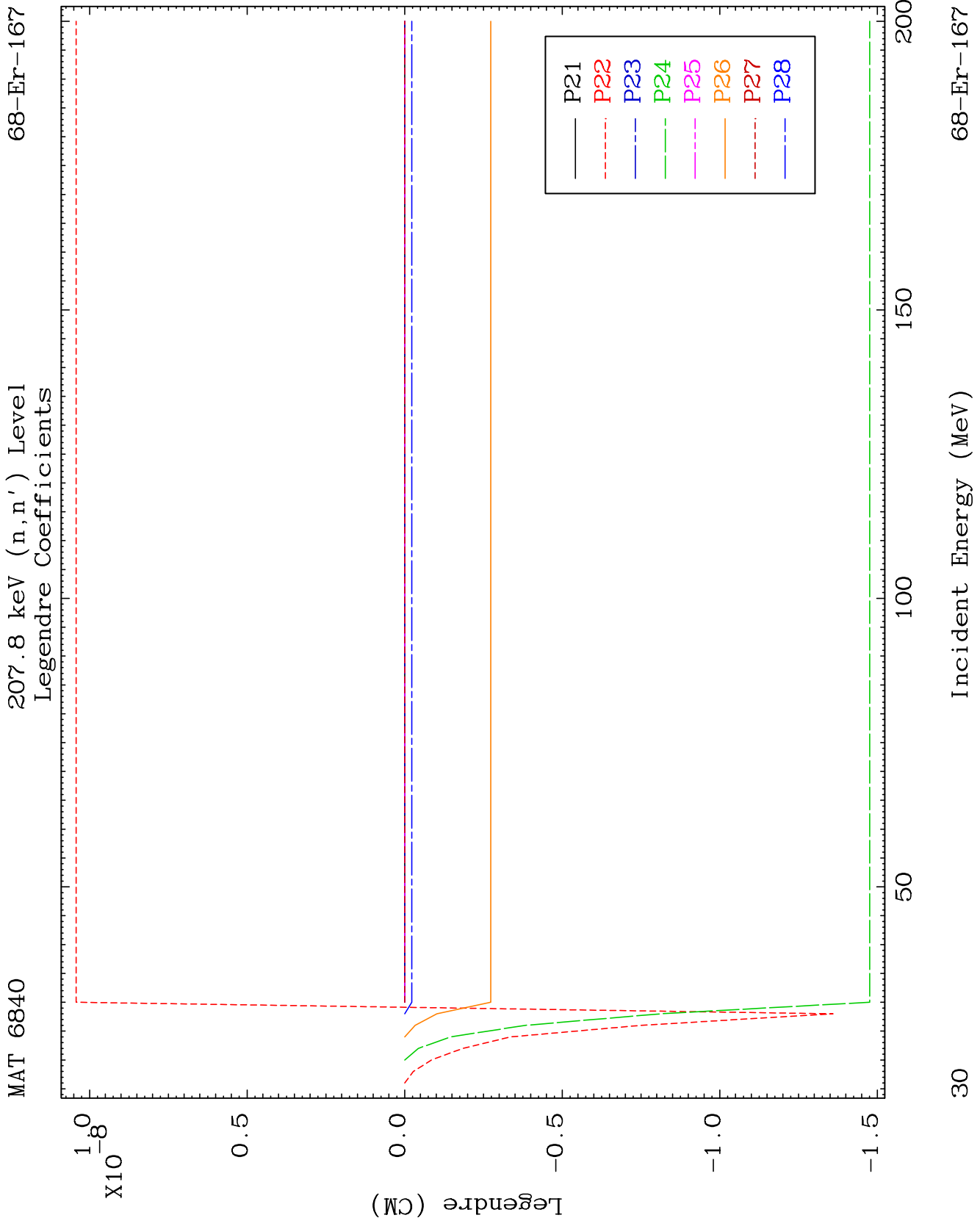






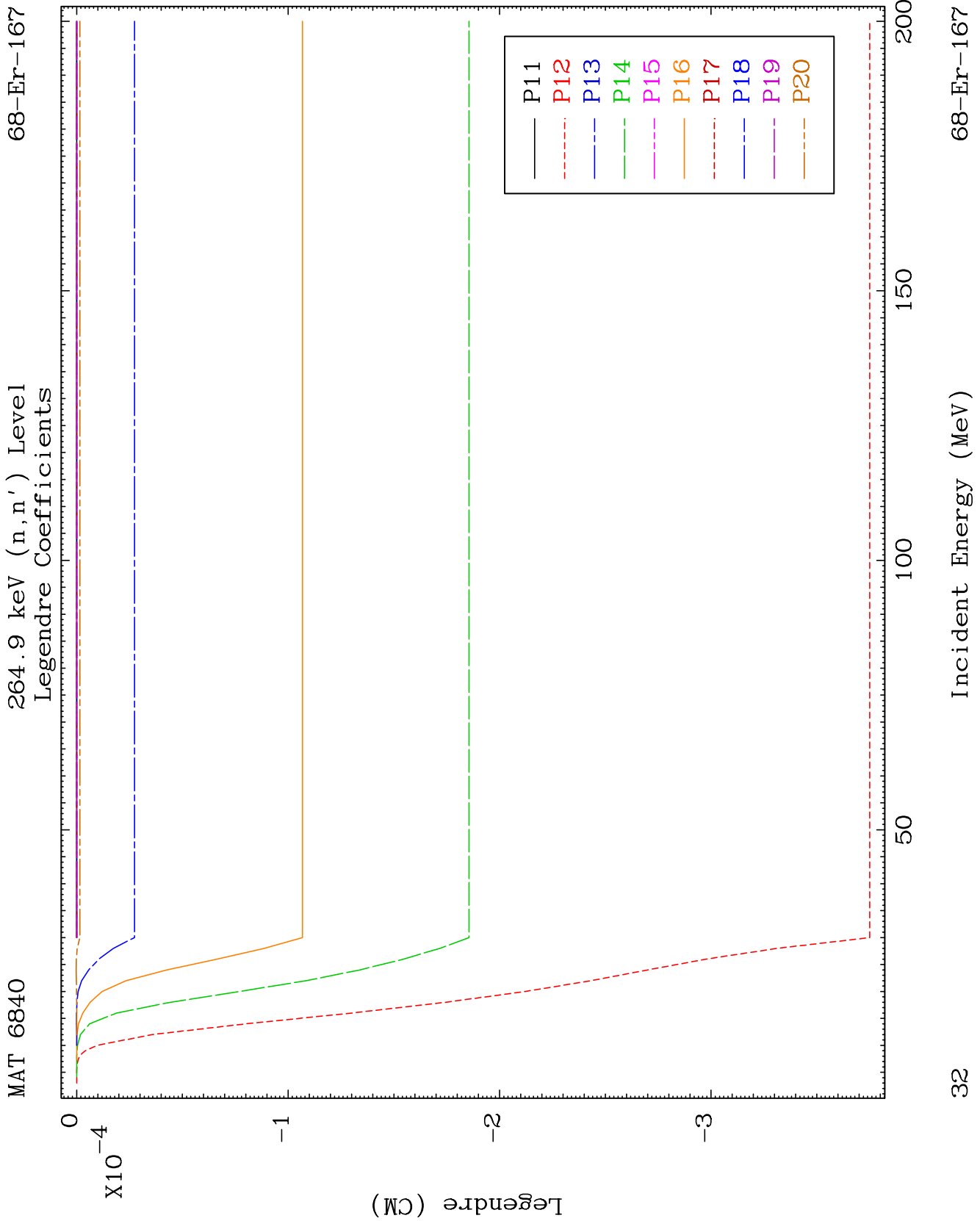


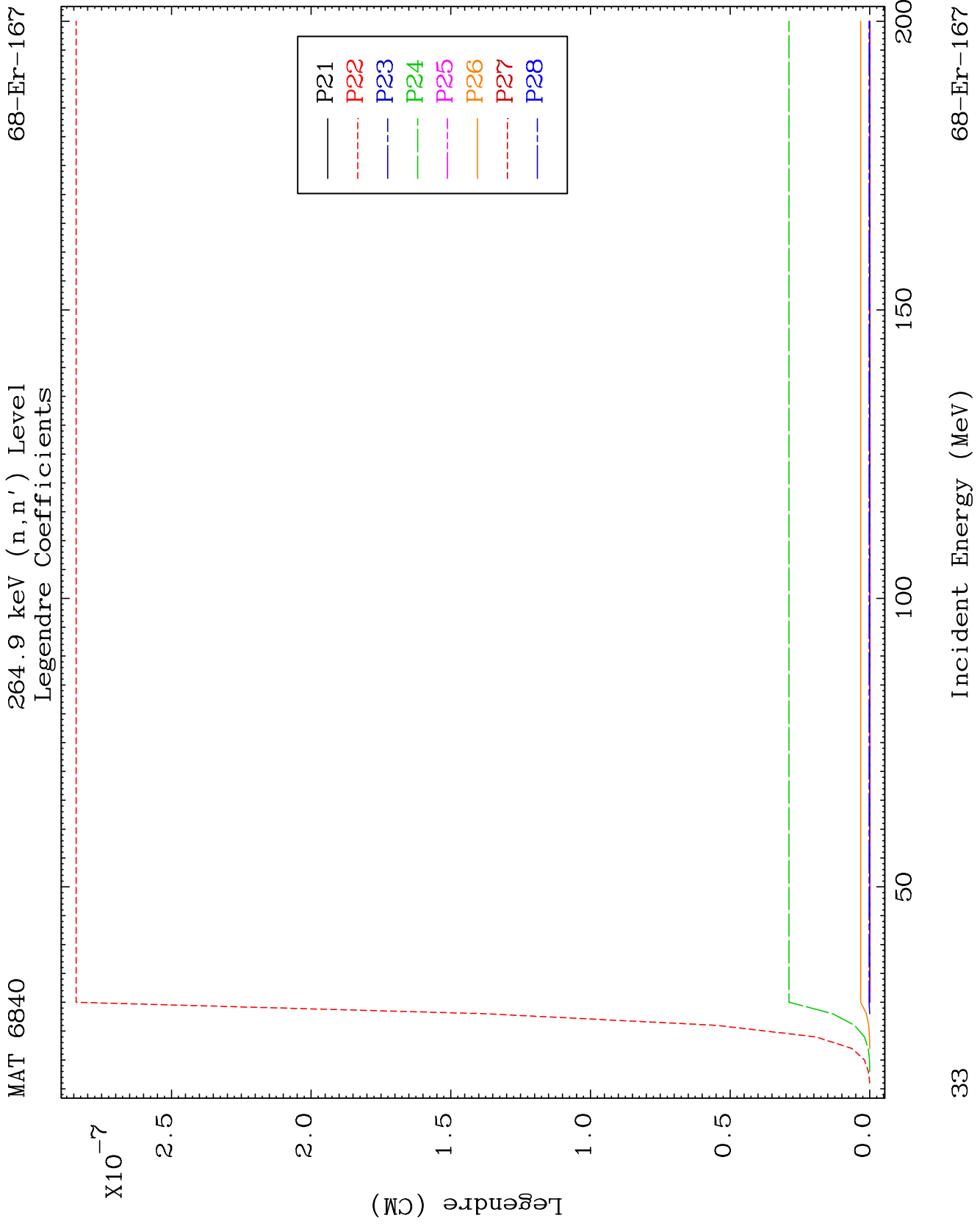




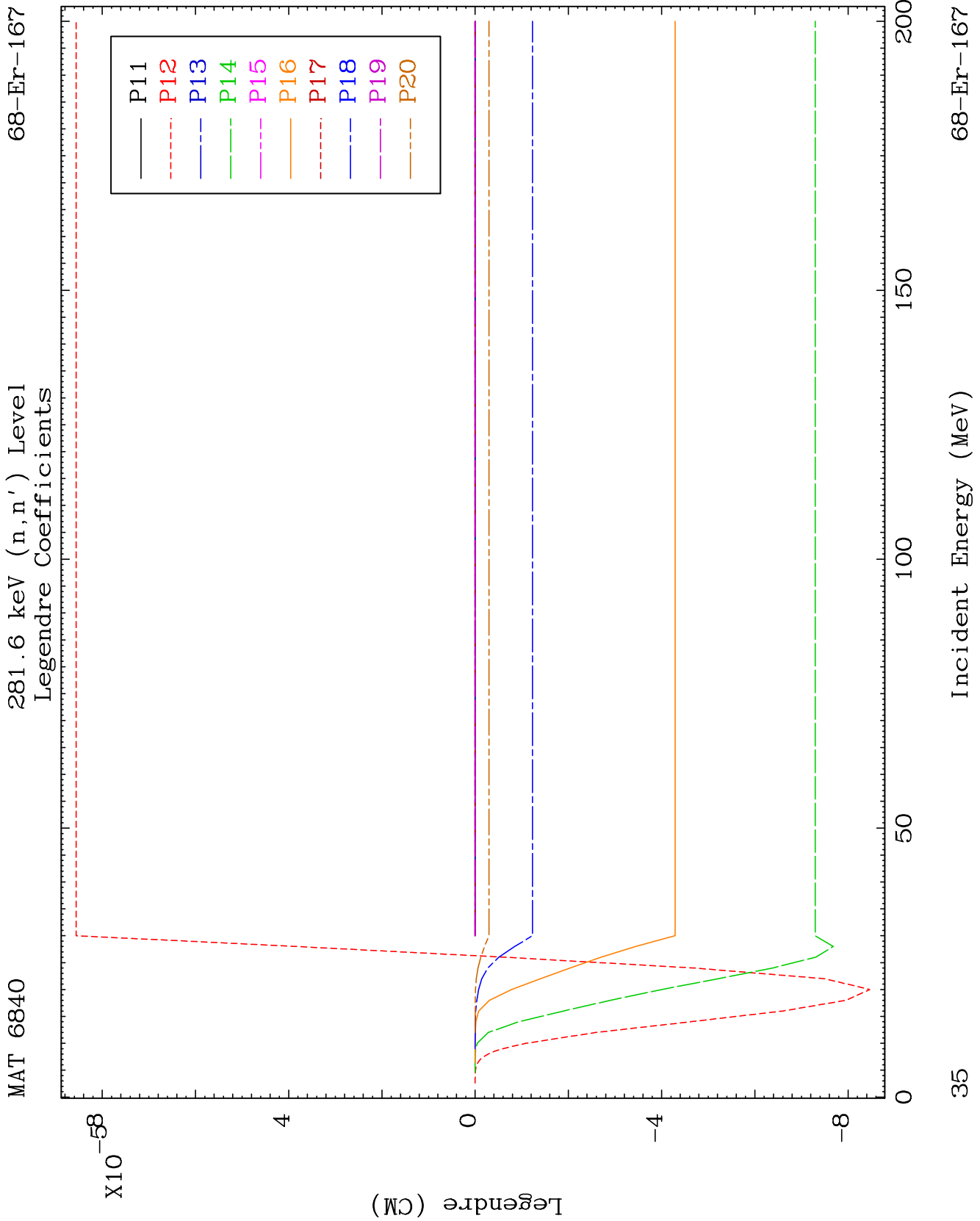


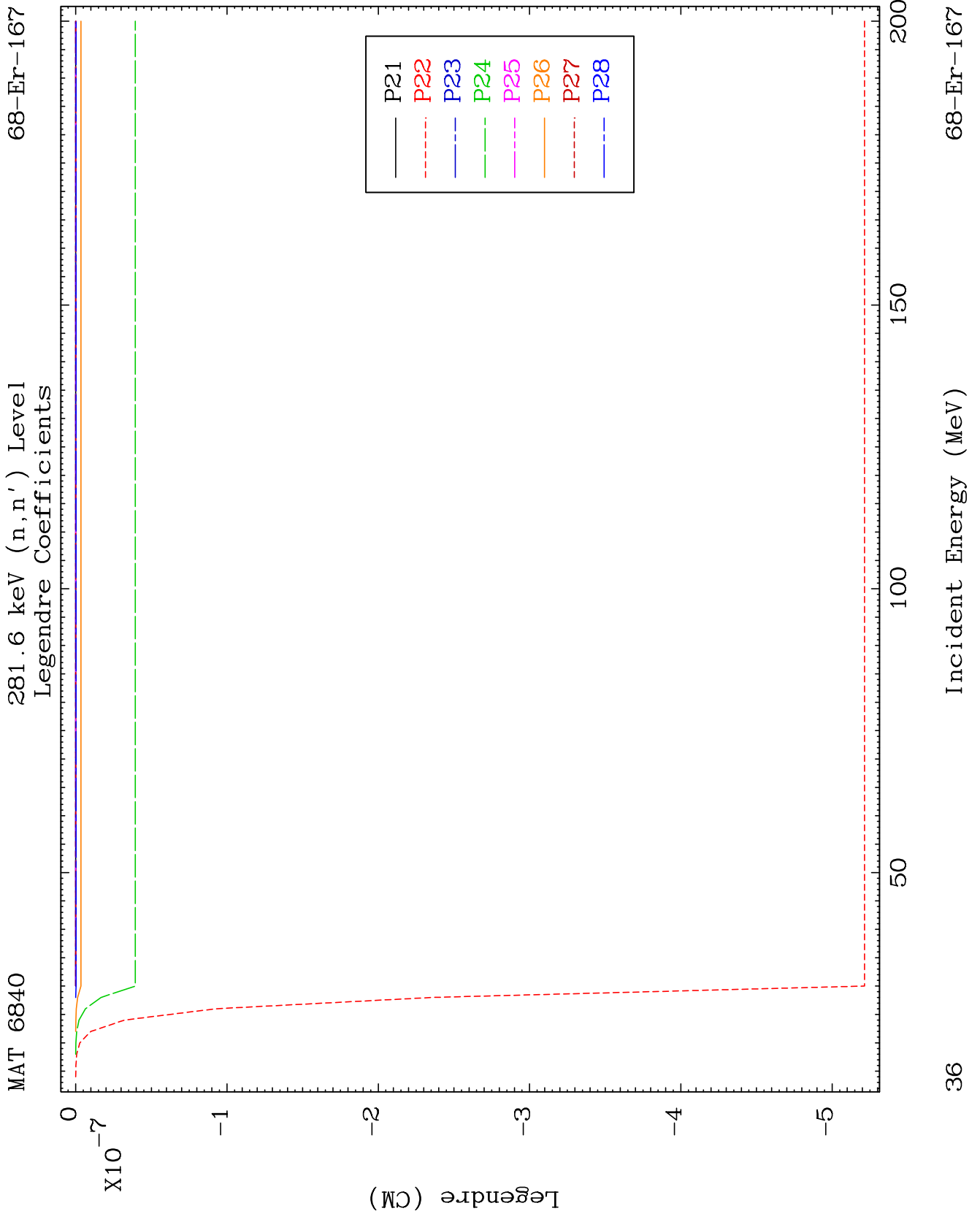






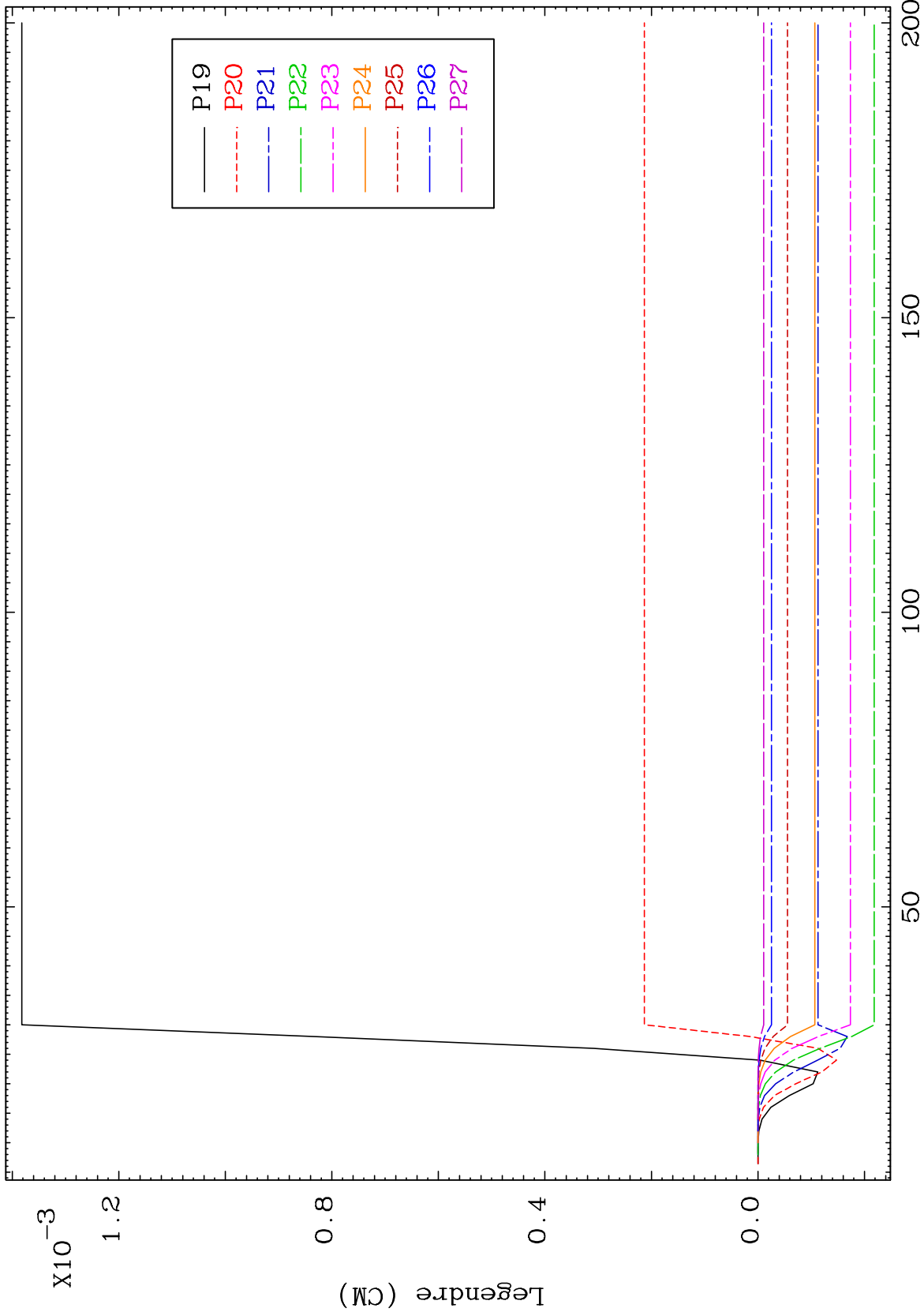




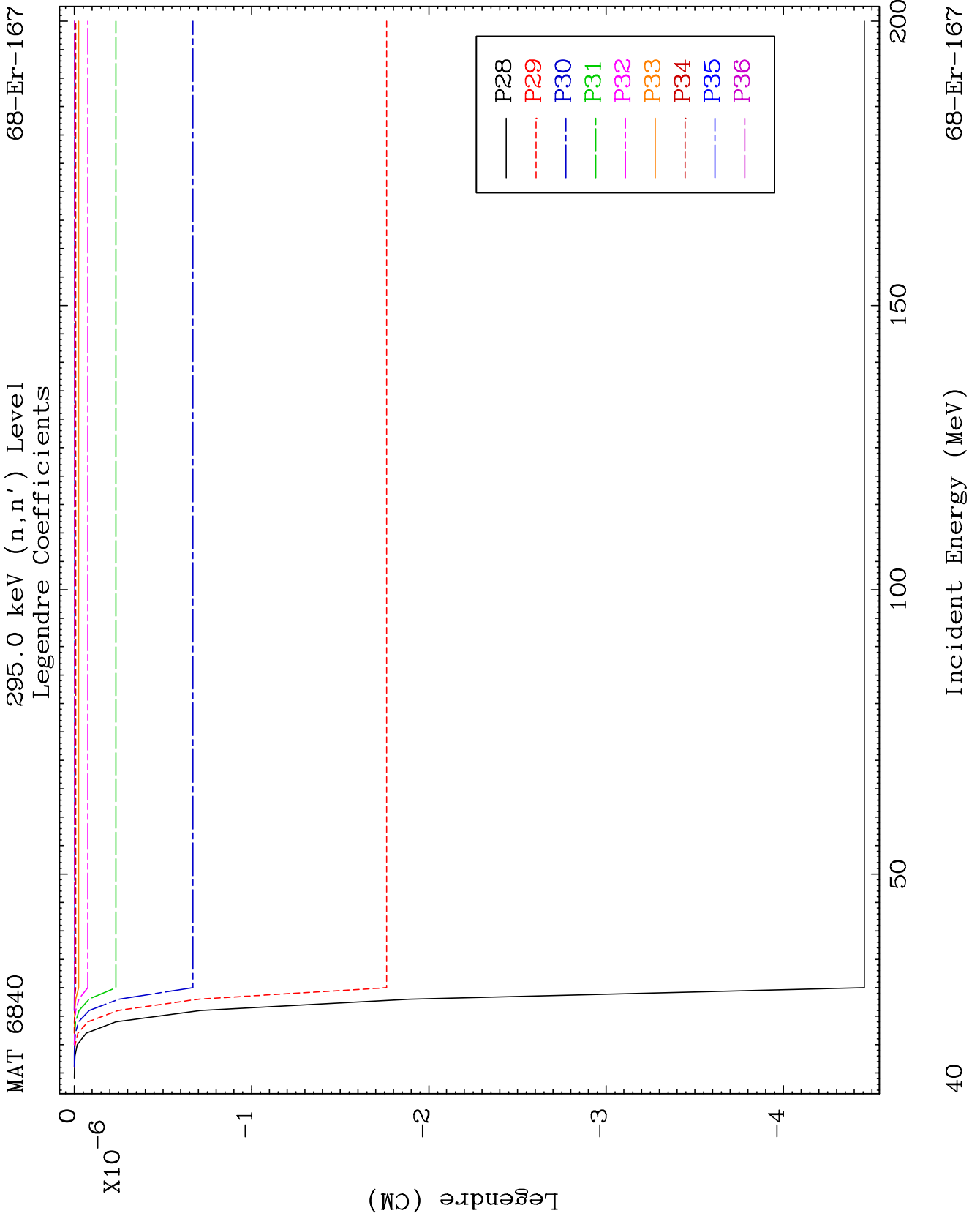










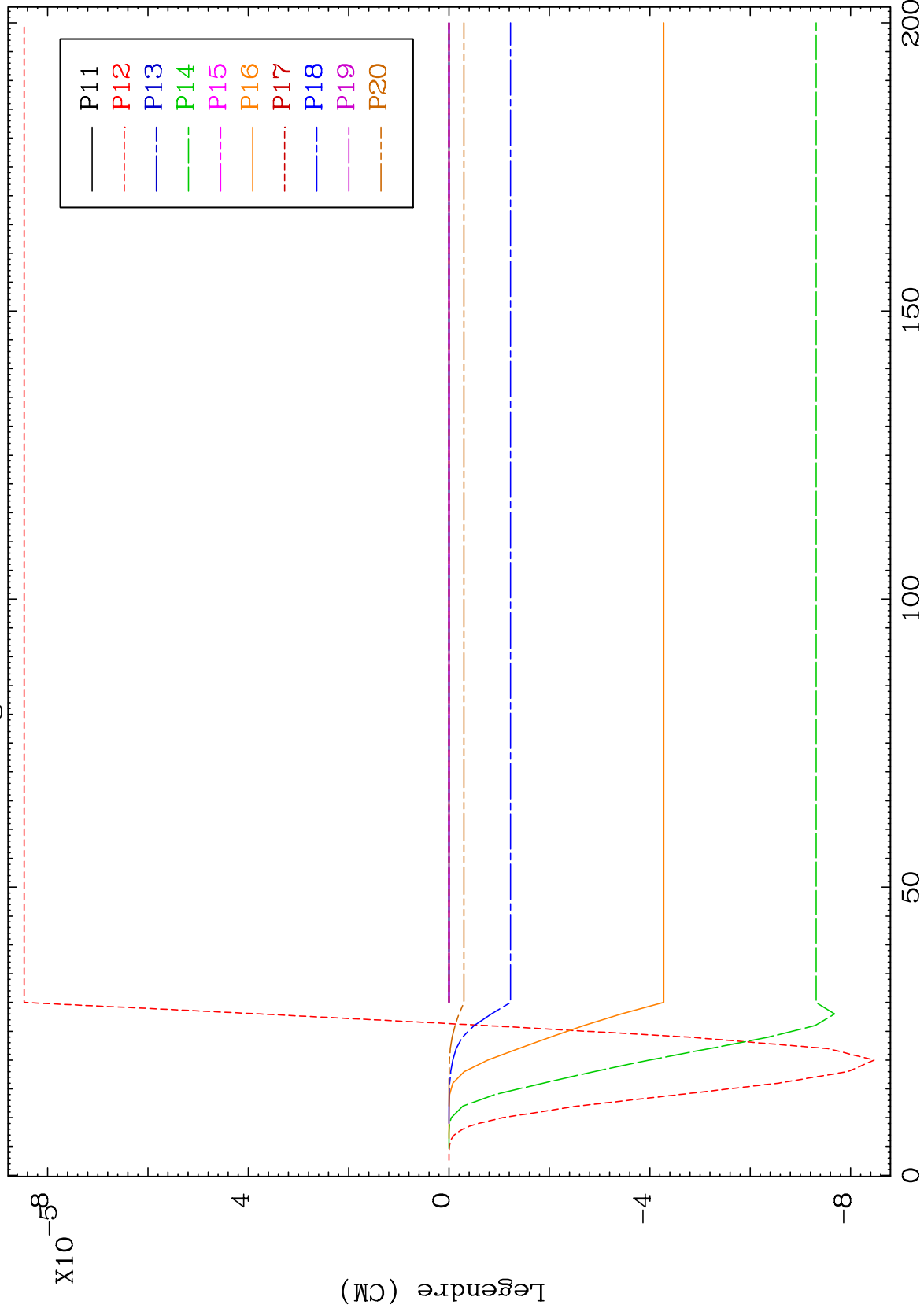




MAT 6840

346.6 keV (n,n') Level  
Legendre Coefficients

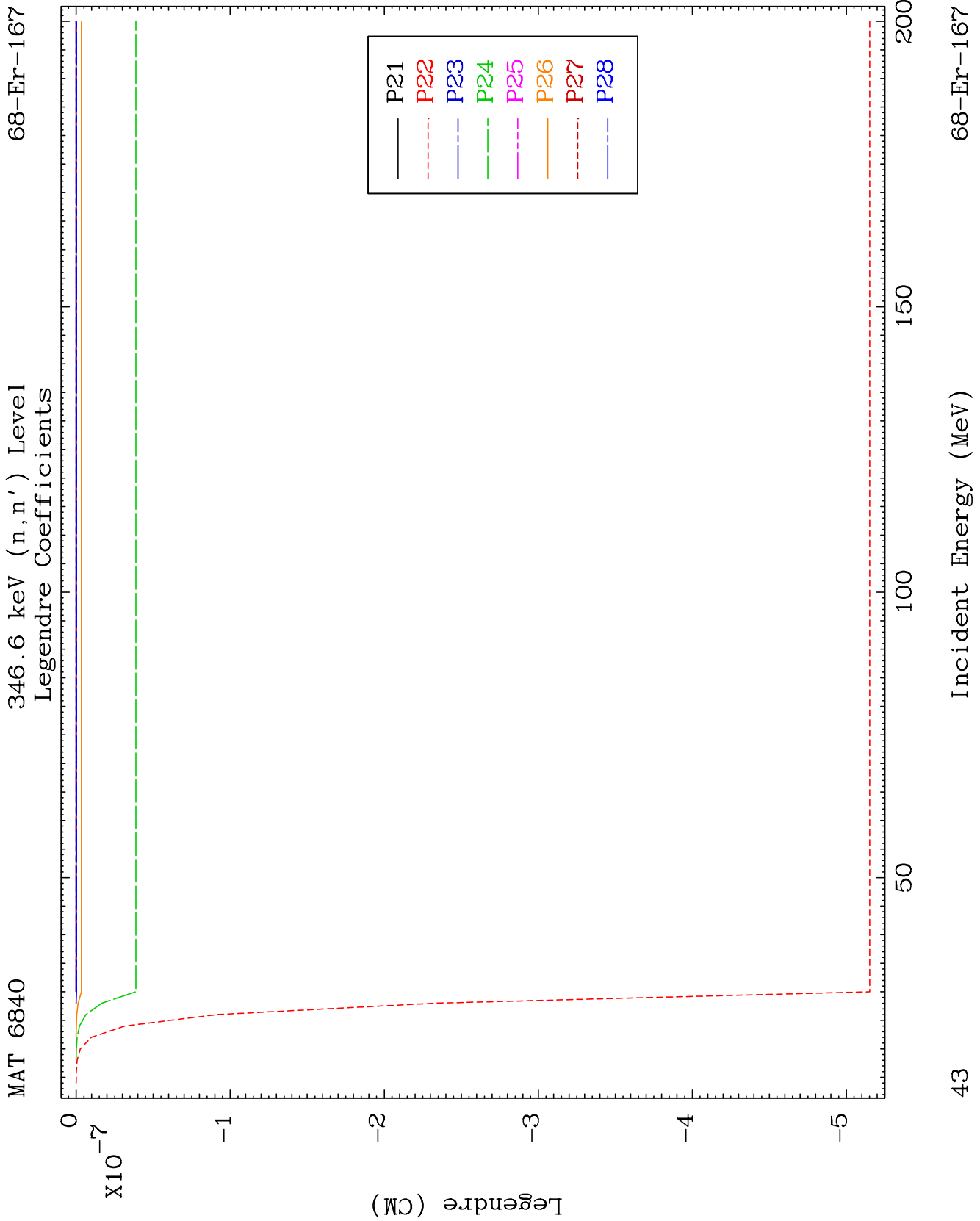
68-Er-167

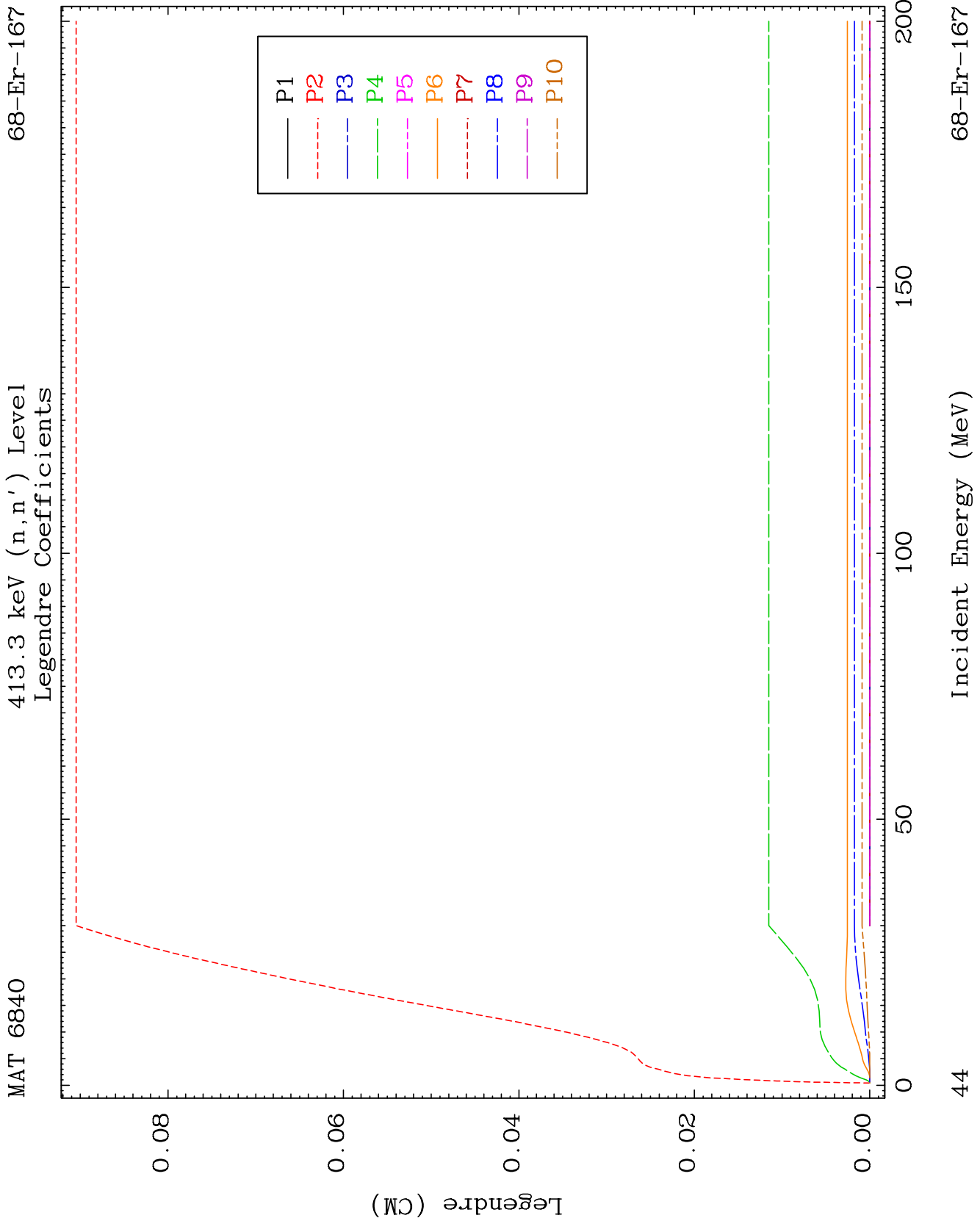


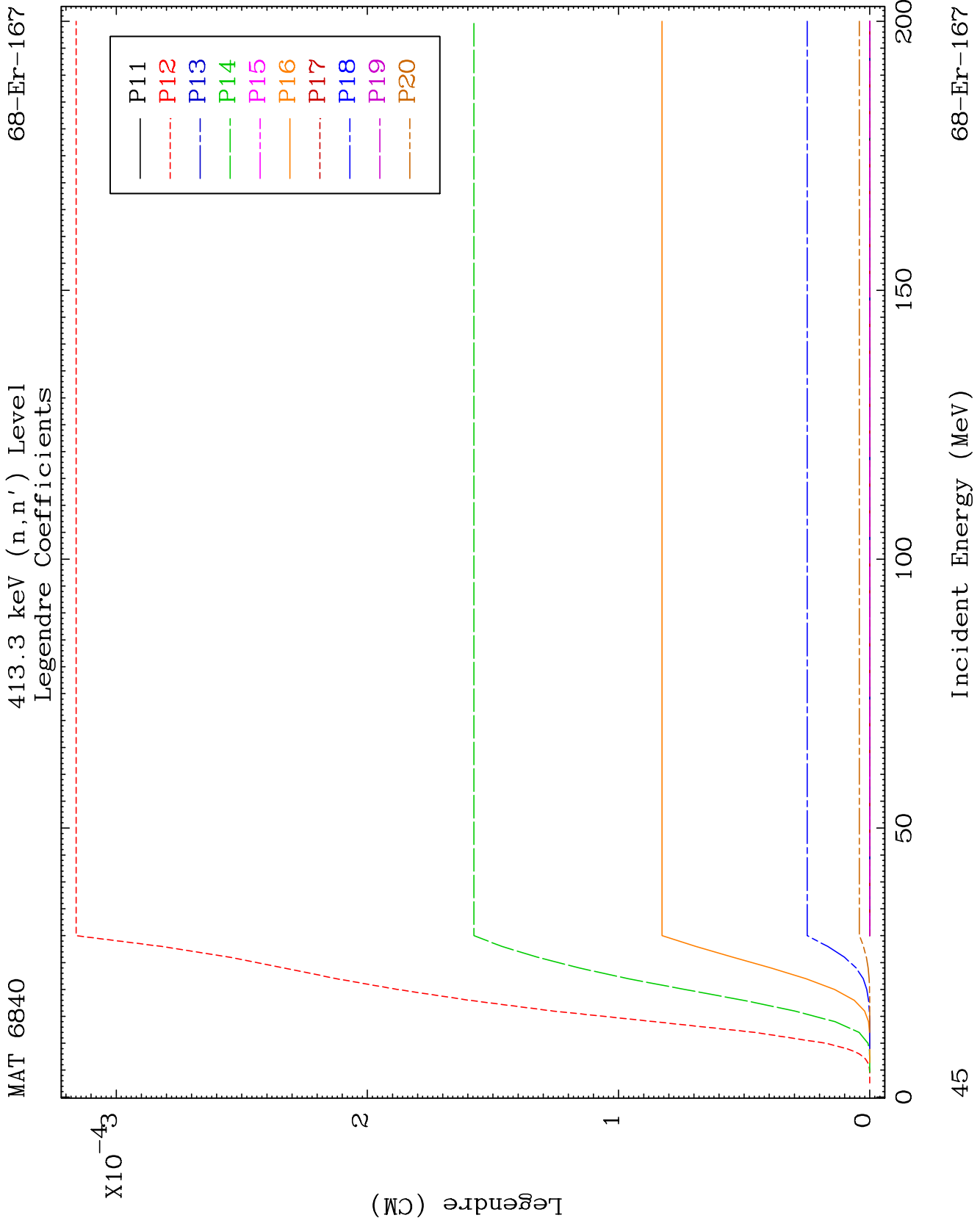
42

Incident Energy (MeV)

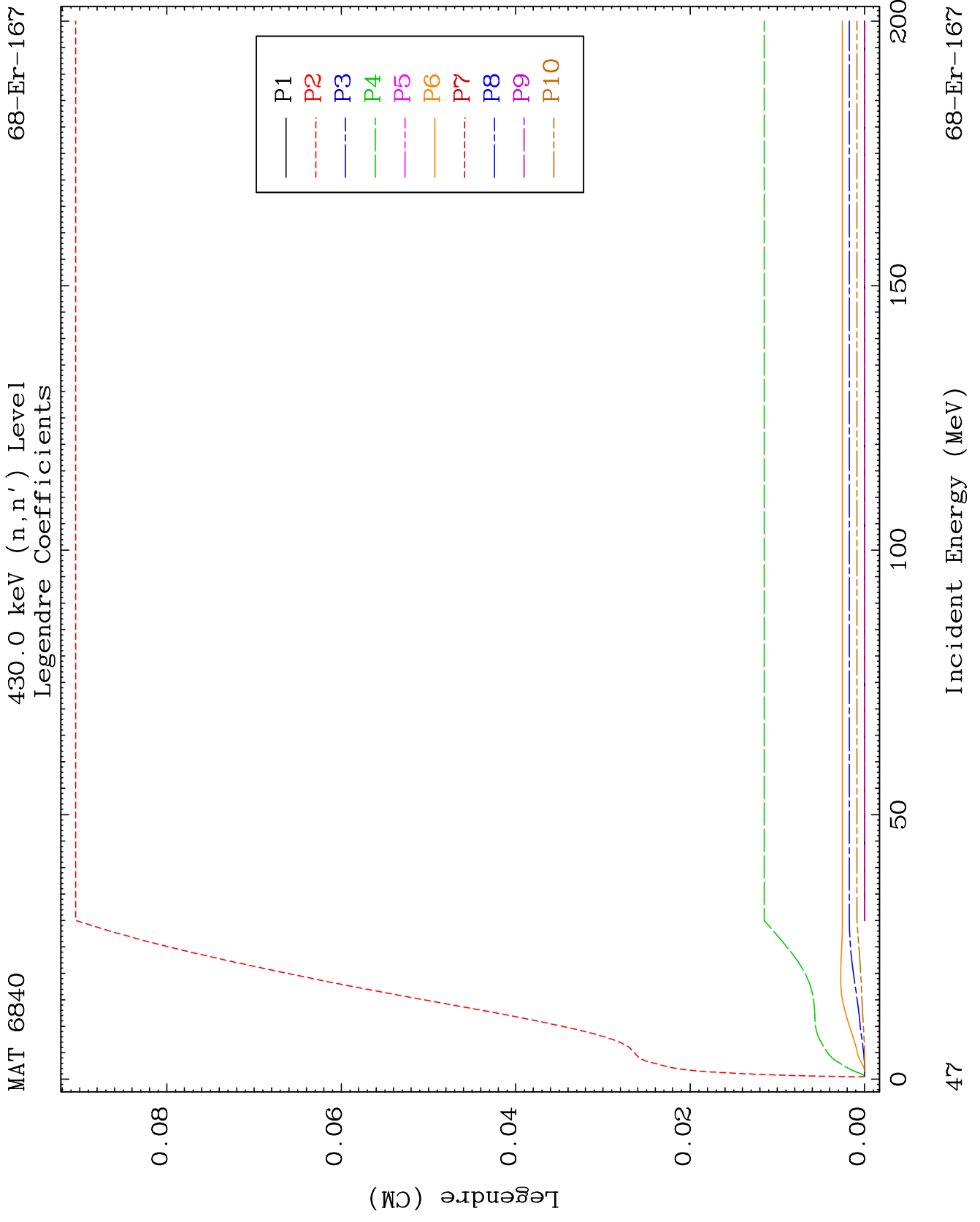
68-Er-167



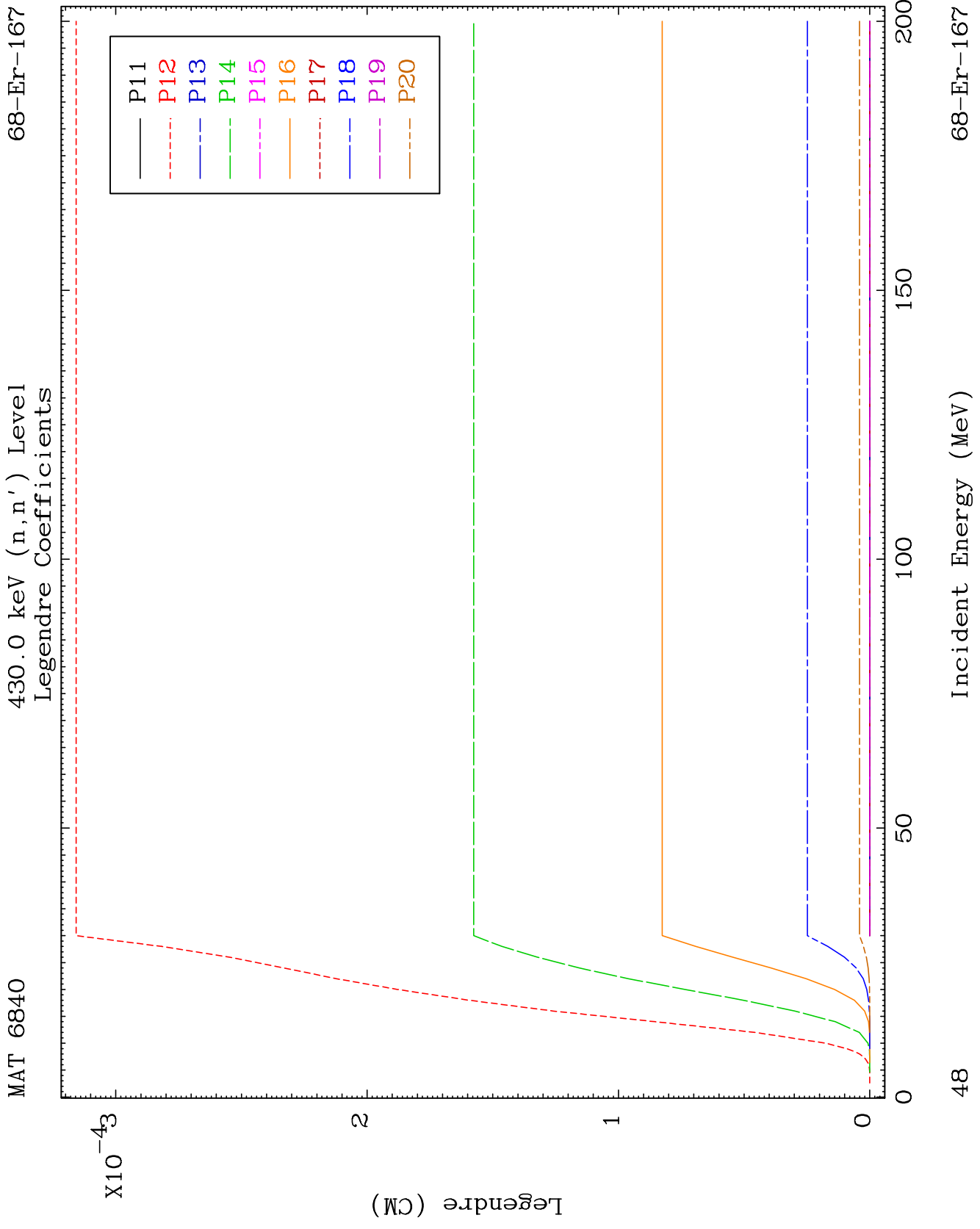










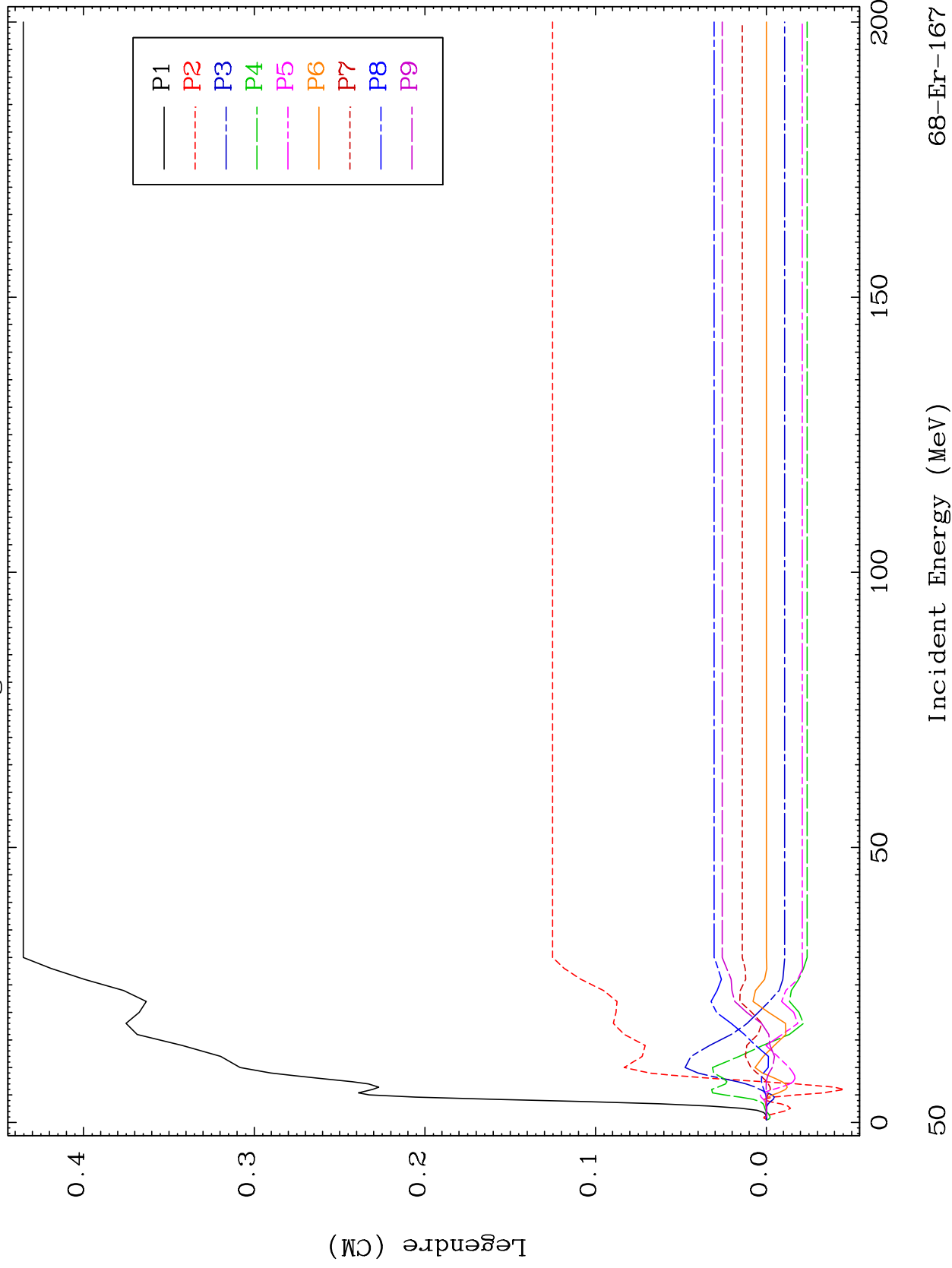


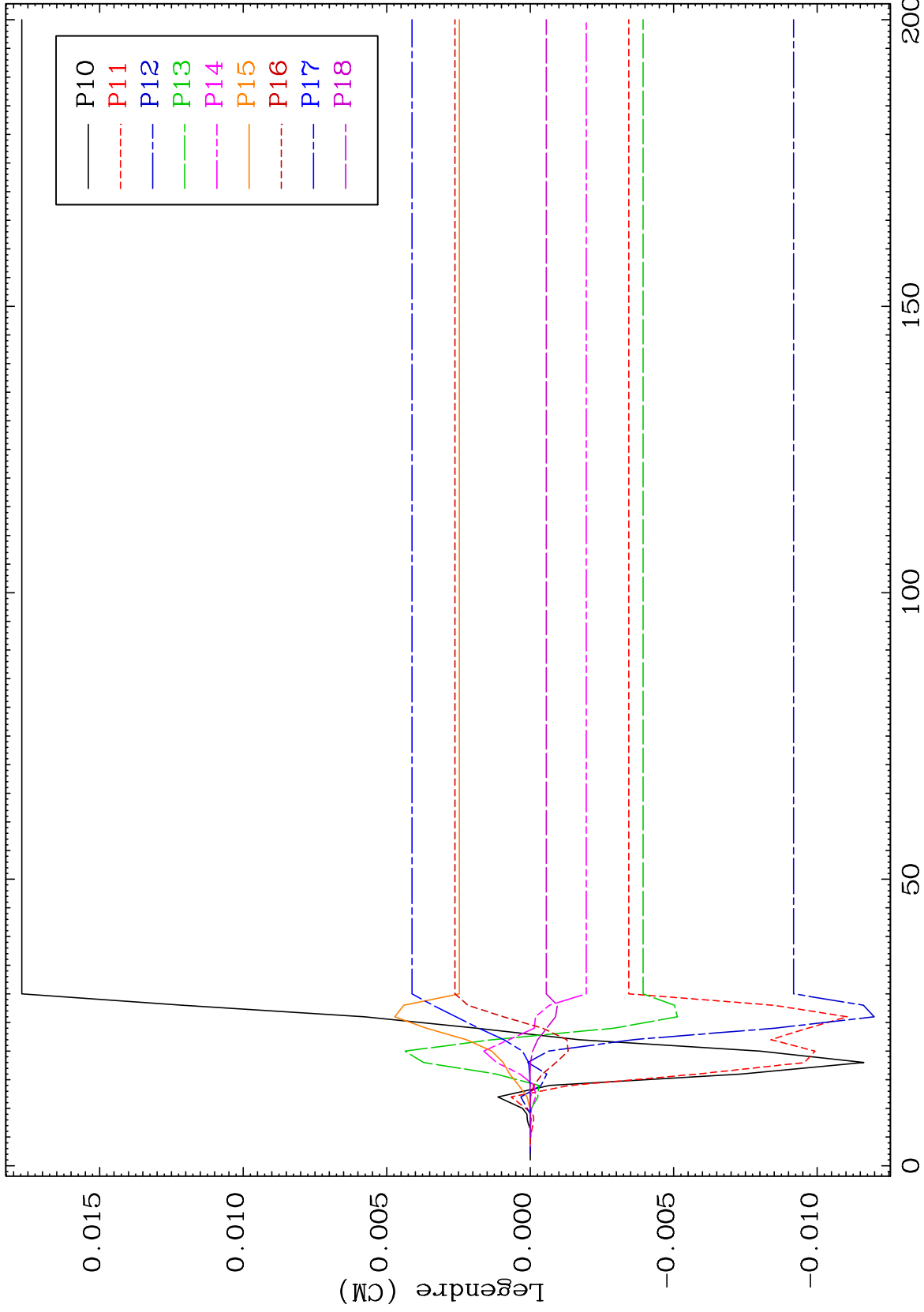


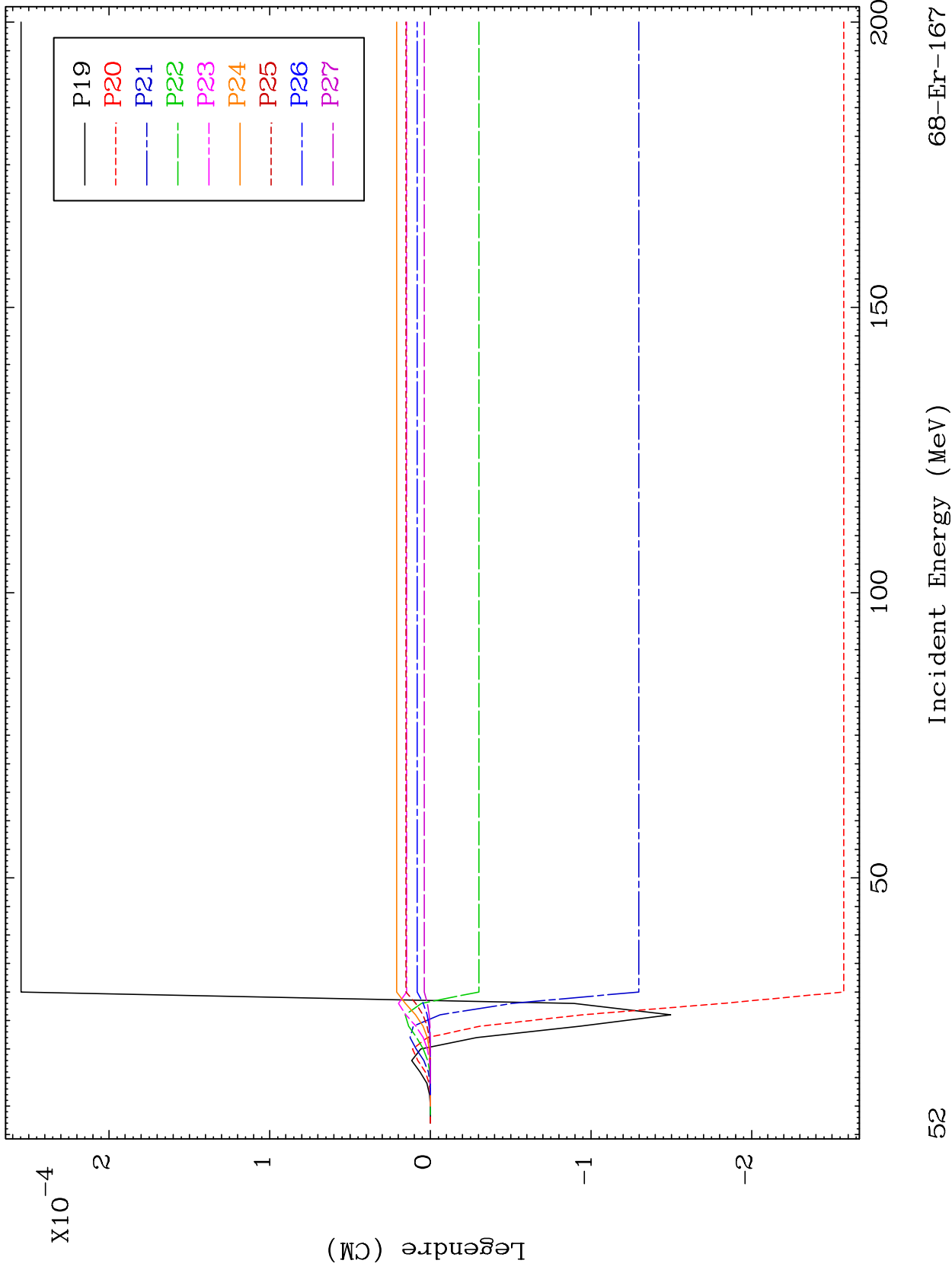
MAT 6840

434.4 keV (n,n') Level  
Legendre Coefficients

68-Er-167



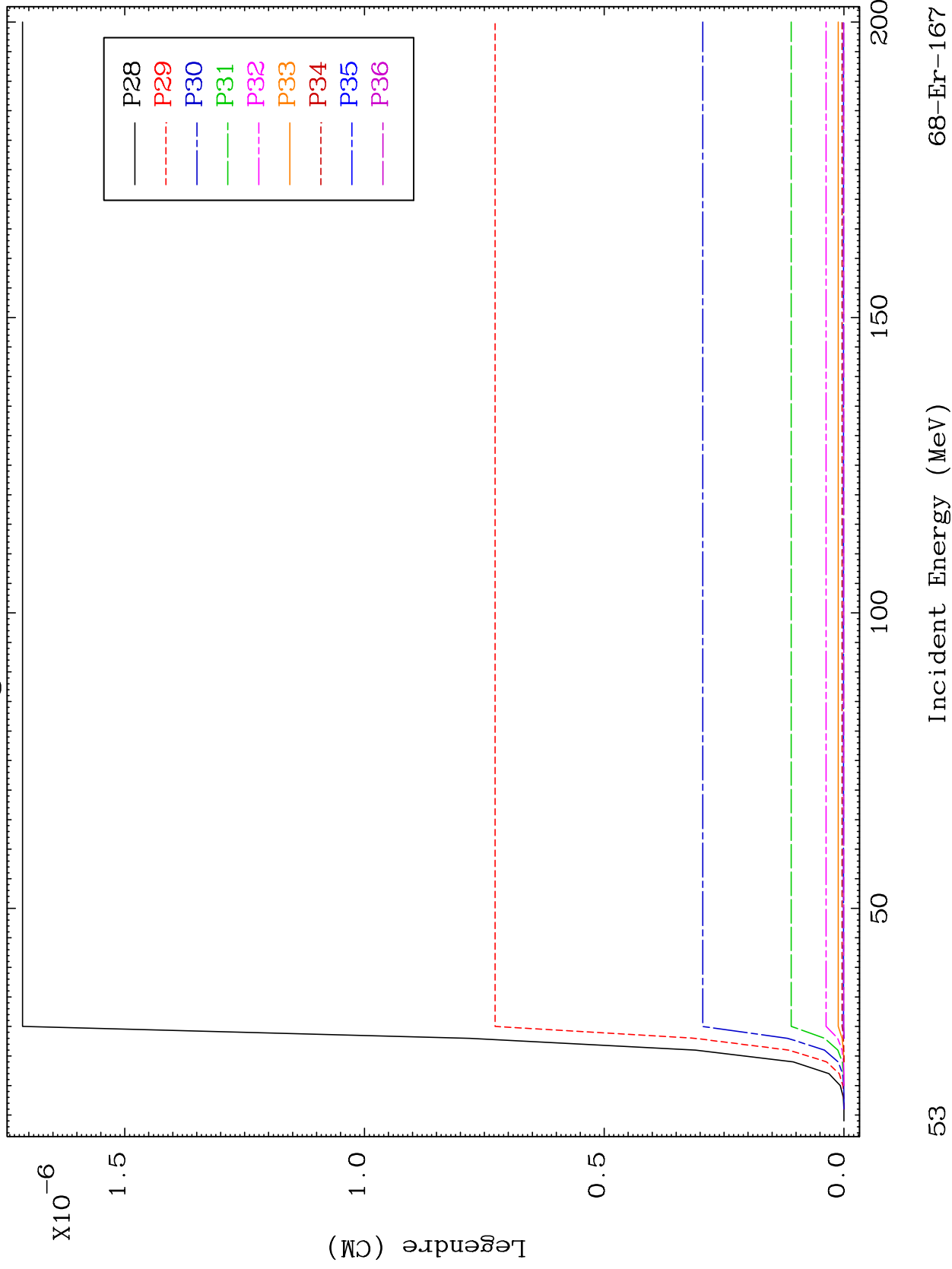




MAT 6840

434.4 keV (n,n') Level  
Legendre Coefficients

68-Er-167



53

Incident Energy (MeV)

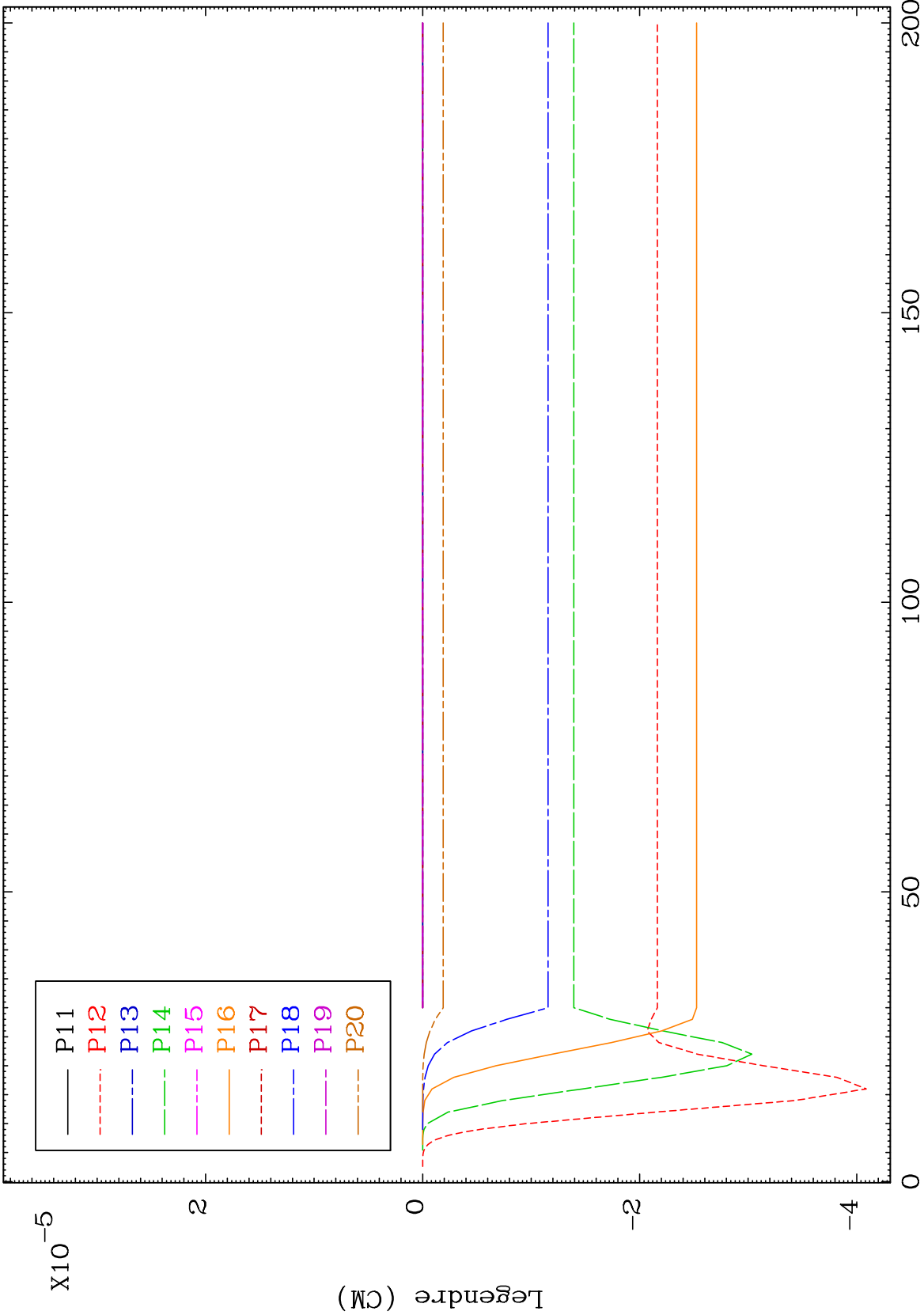
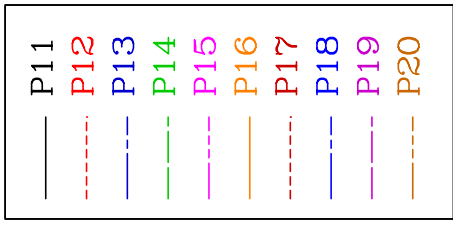
68-Er-167



MAT 6840

442.0 keV (n,n') Level  
Legendre Coefficients

68-Er-167

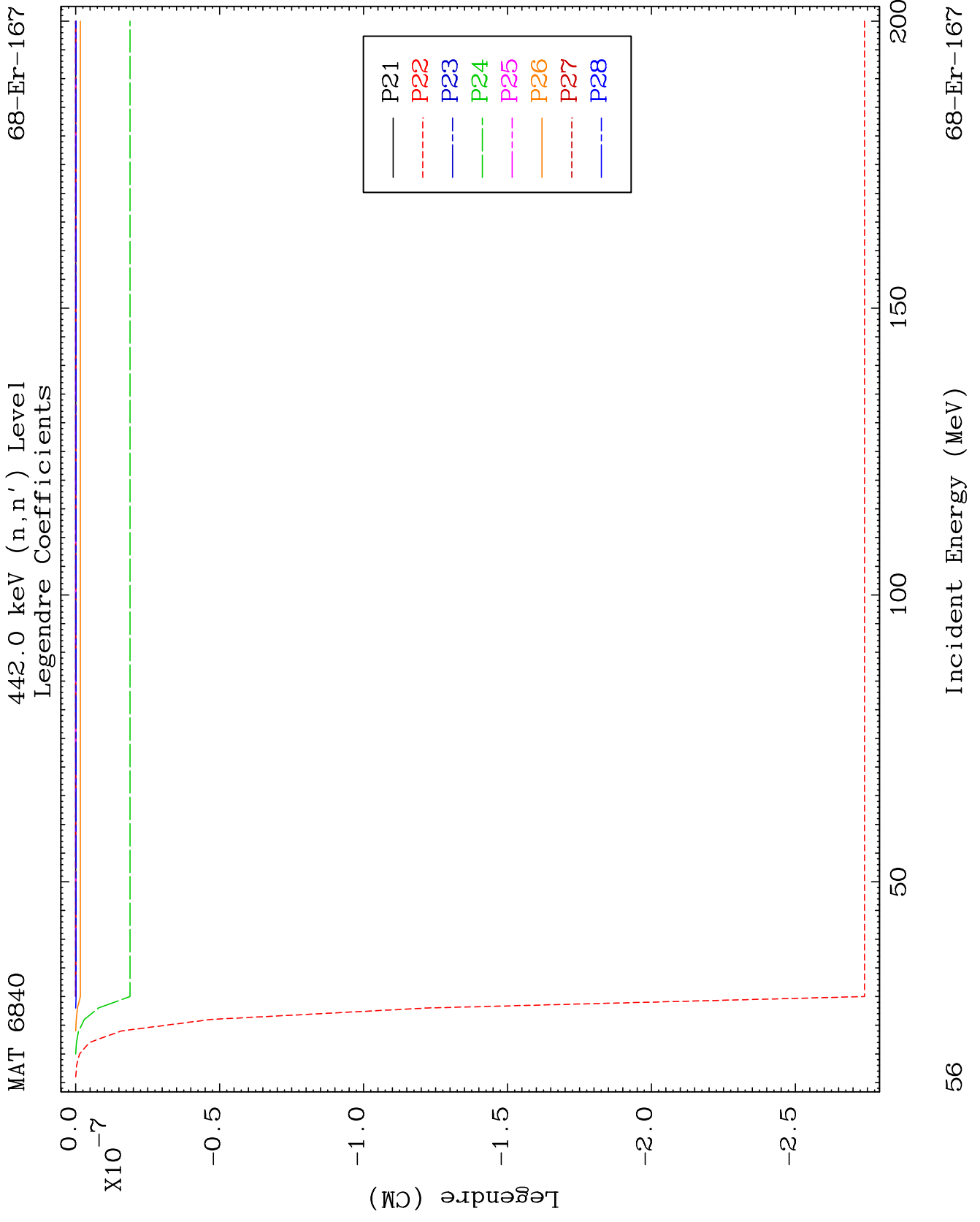


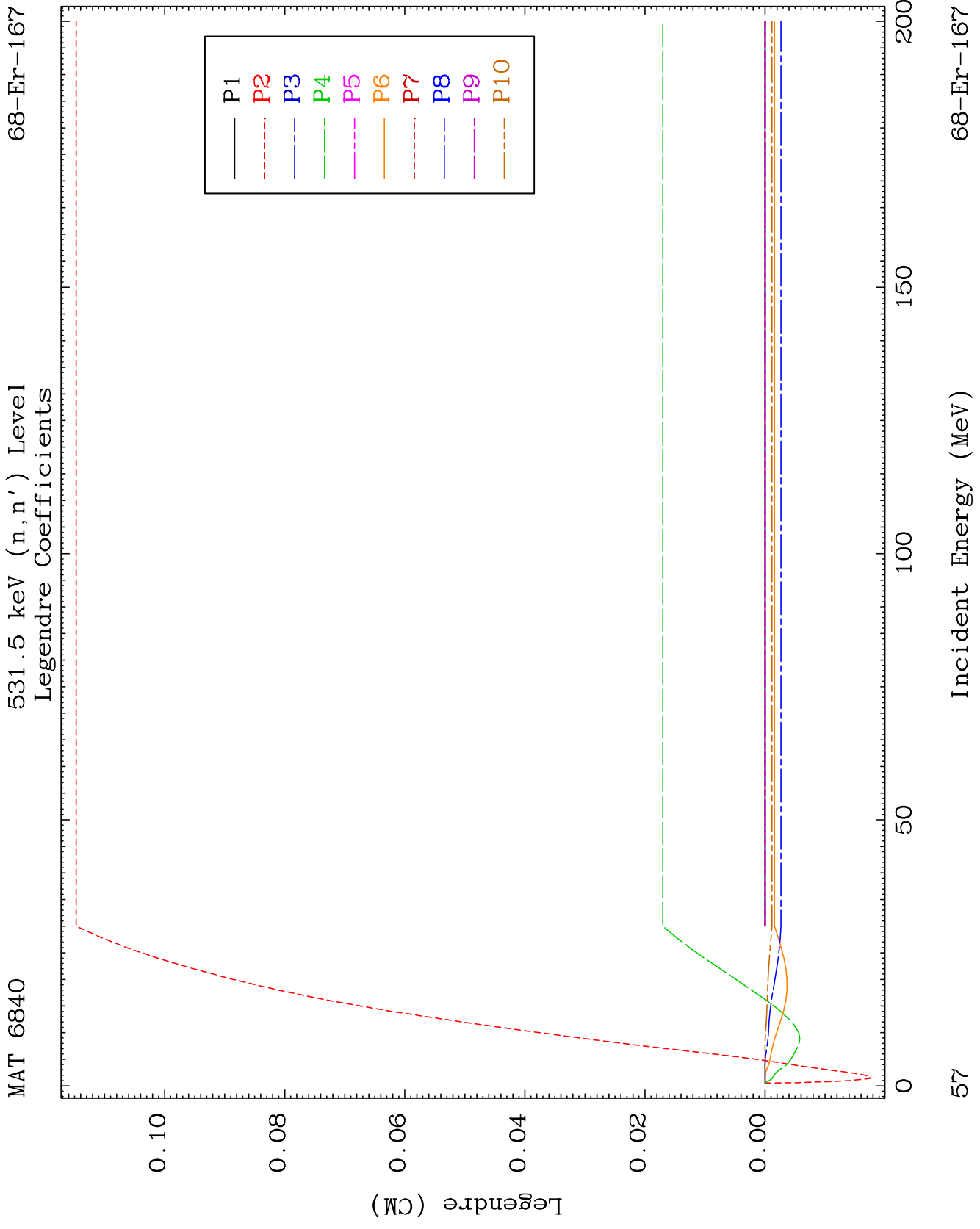
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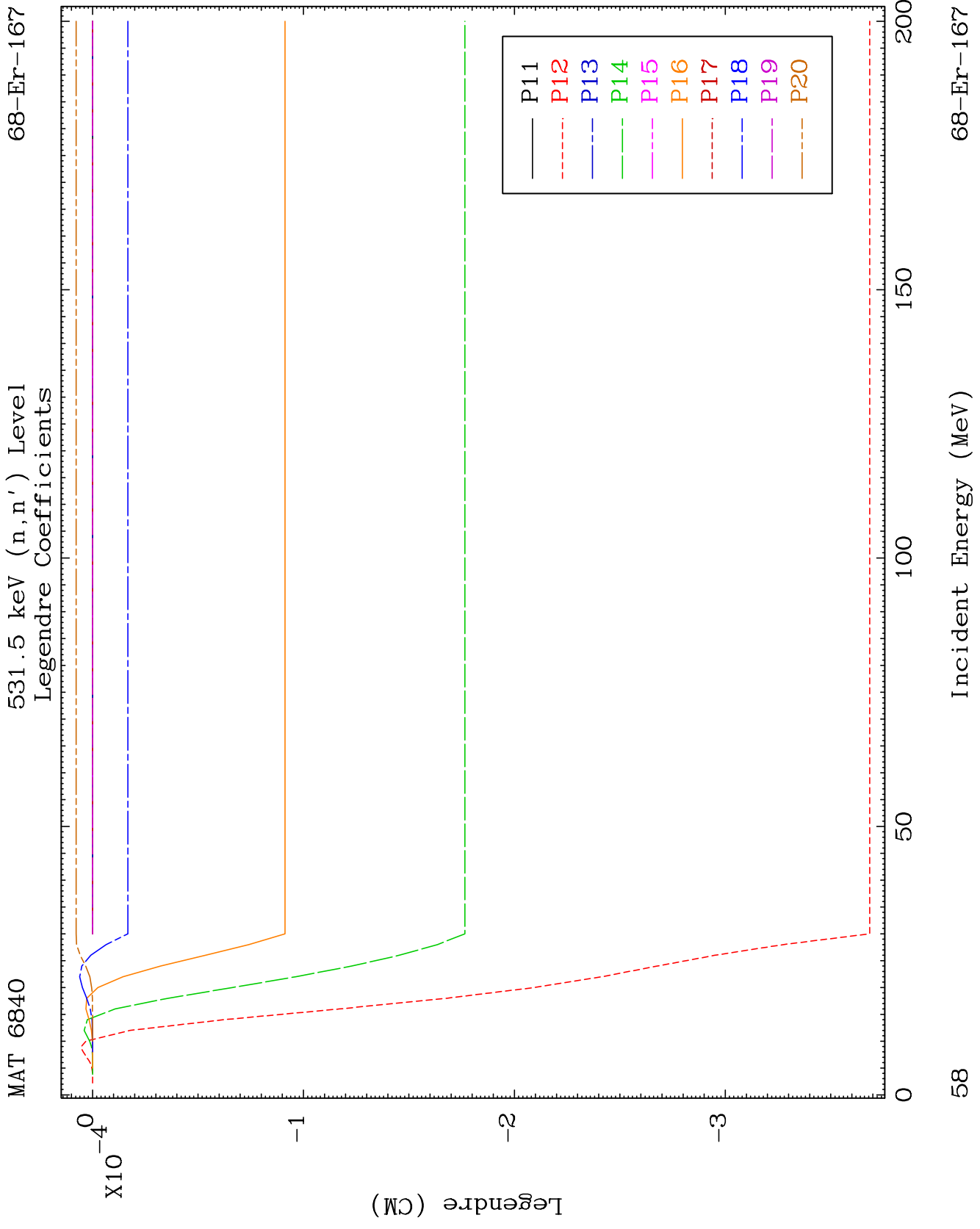
Incident Energy (MeV)

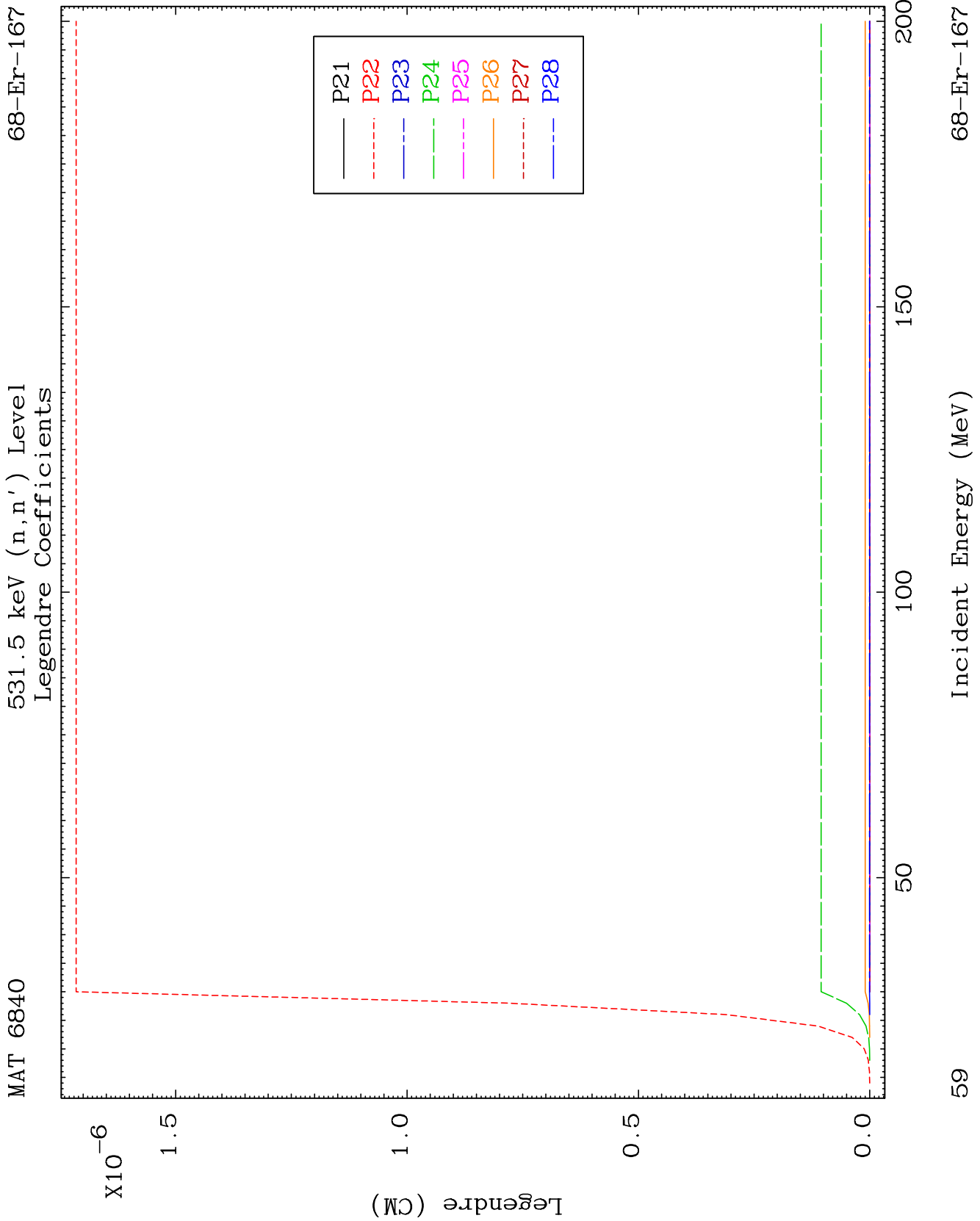
68-Er-167







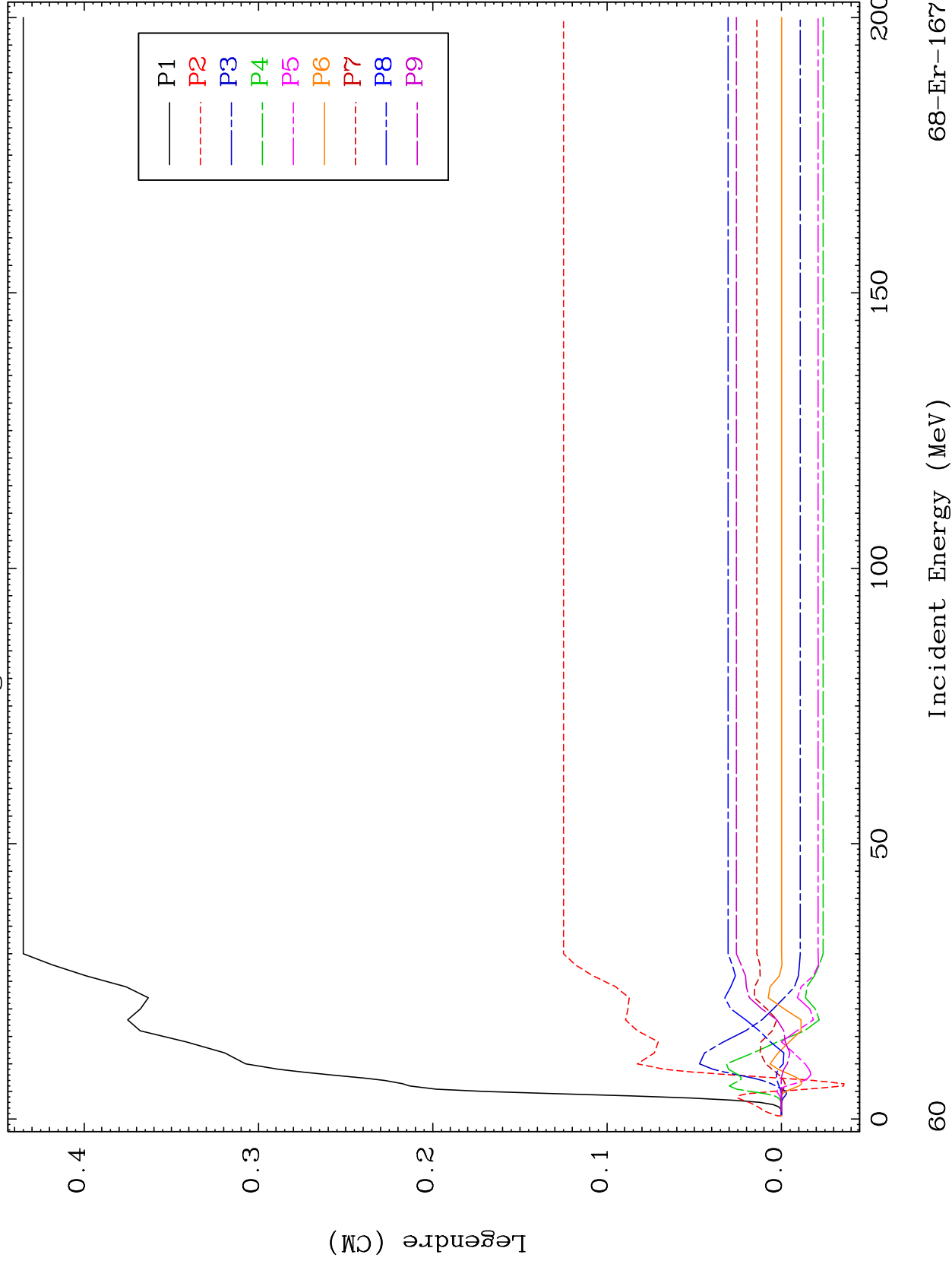




MAT 6840

535.8 keV (n,n') Level  
Legendre Coefficients

68-Er-167

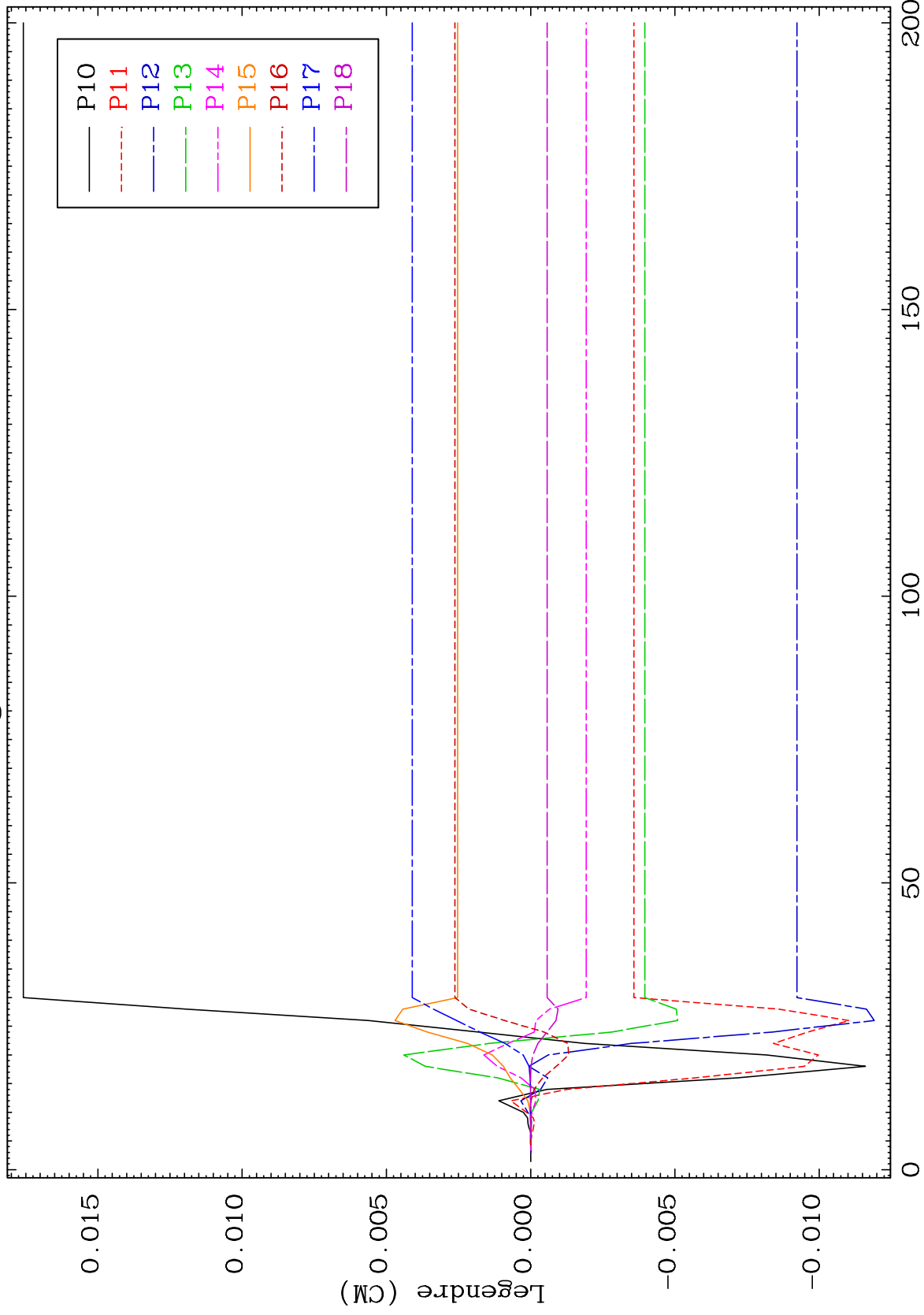


68-Er-167

MAT 6840

535.8 keV (n,n') Level  
Legendre Coefficients

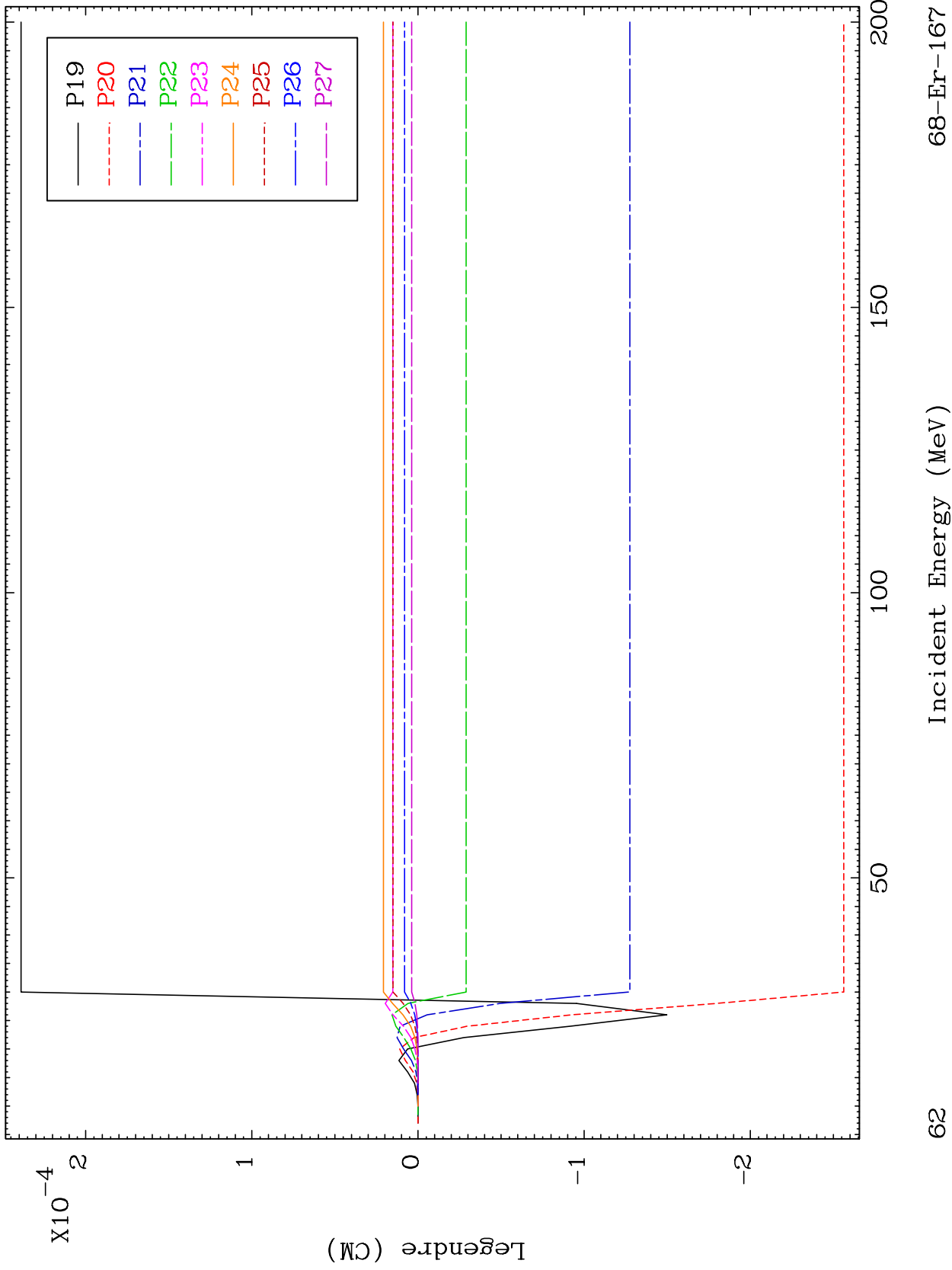
68-Er-167

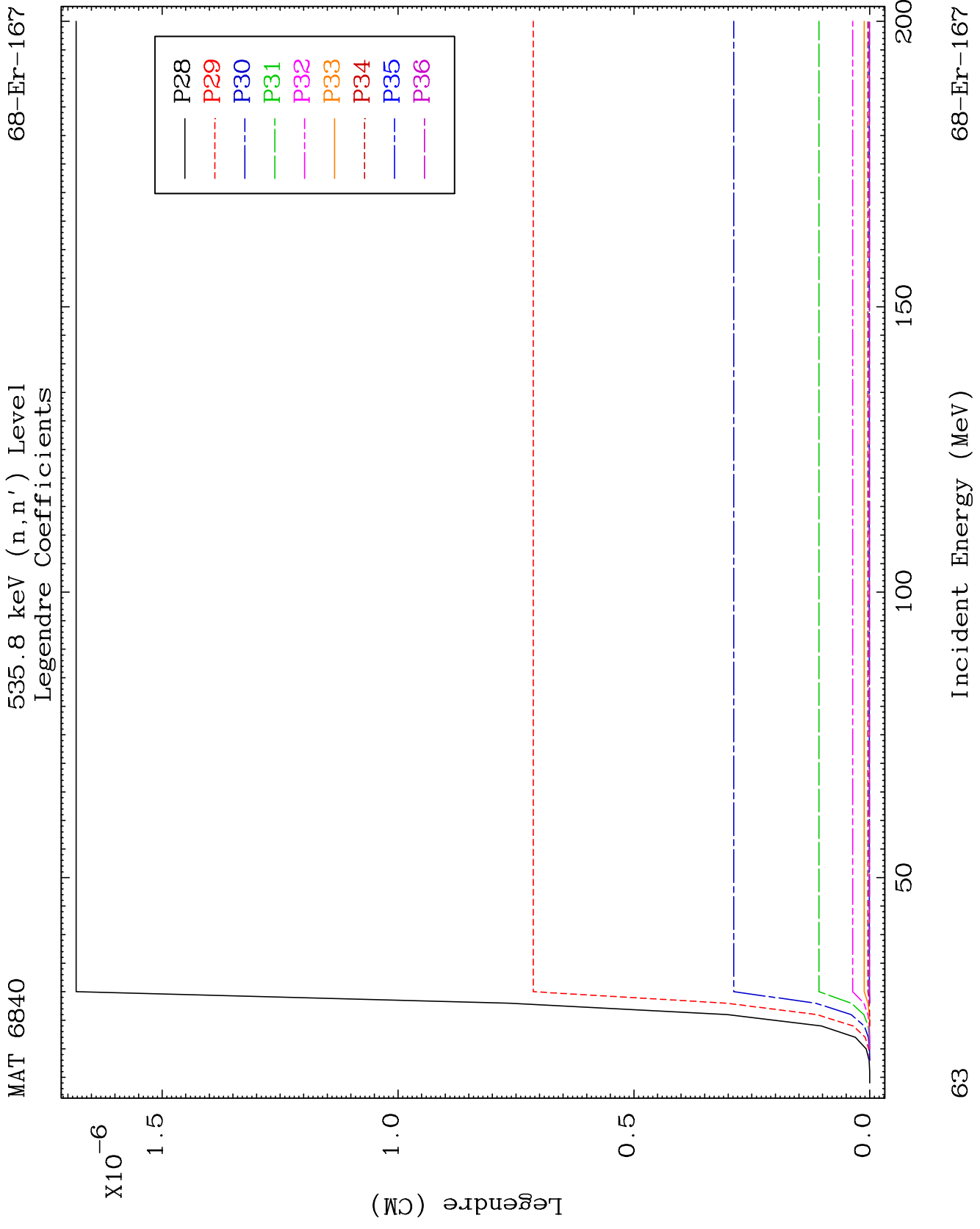


61

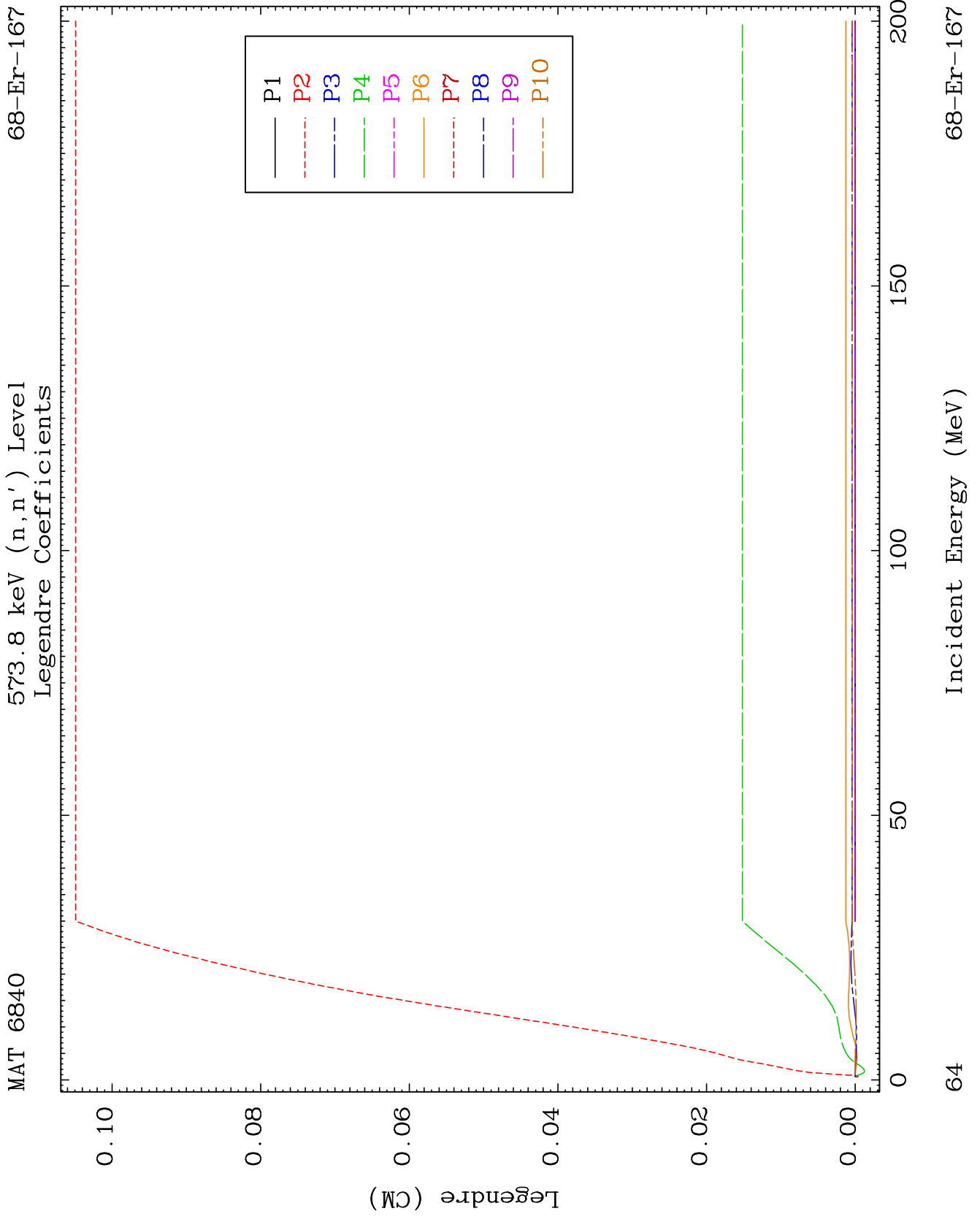
Incident Energy (MeV)

68-Er-167





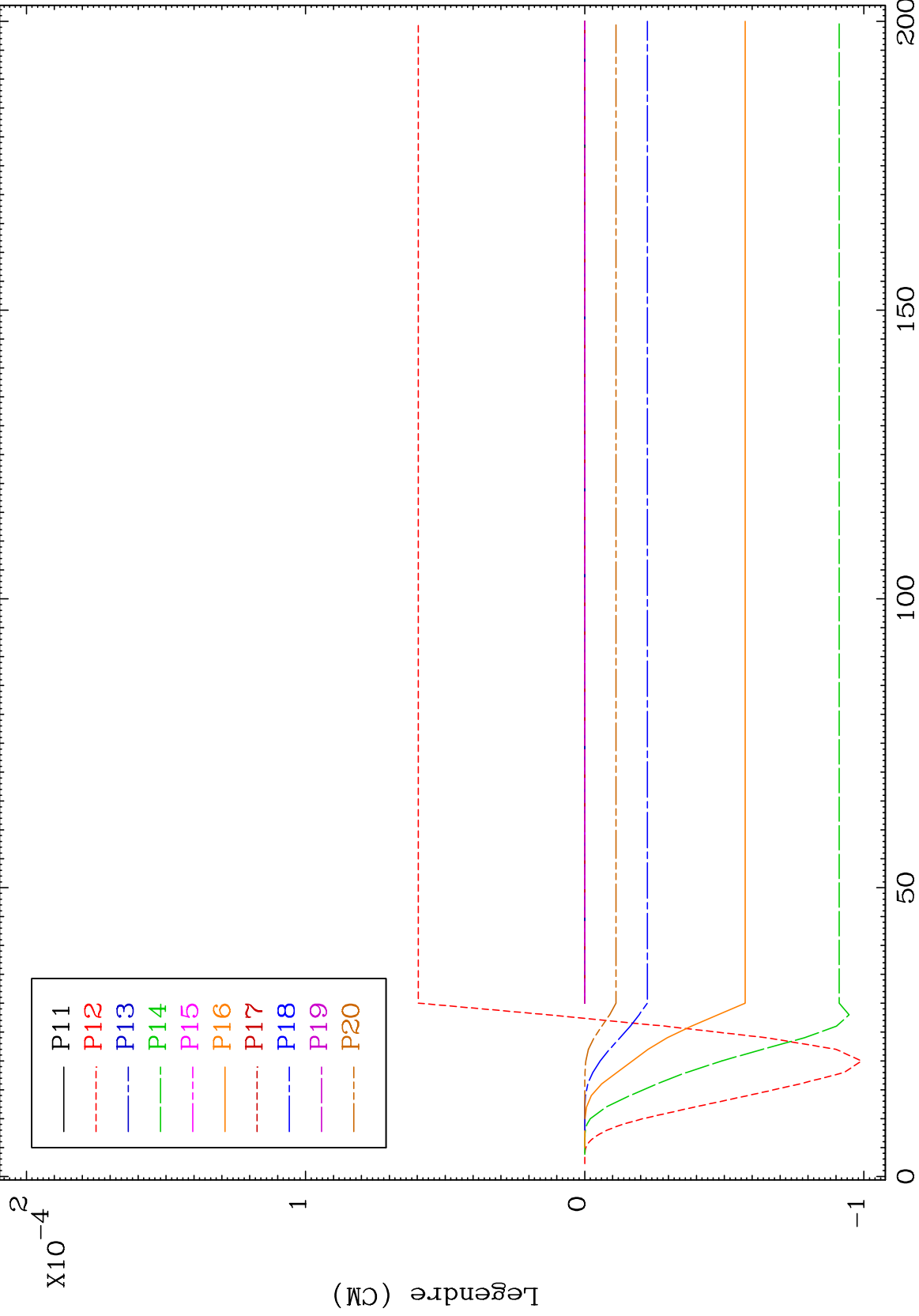




MAT 6840

573.8 keV (n,n') Level  
Legendre Coefficients

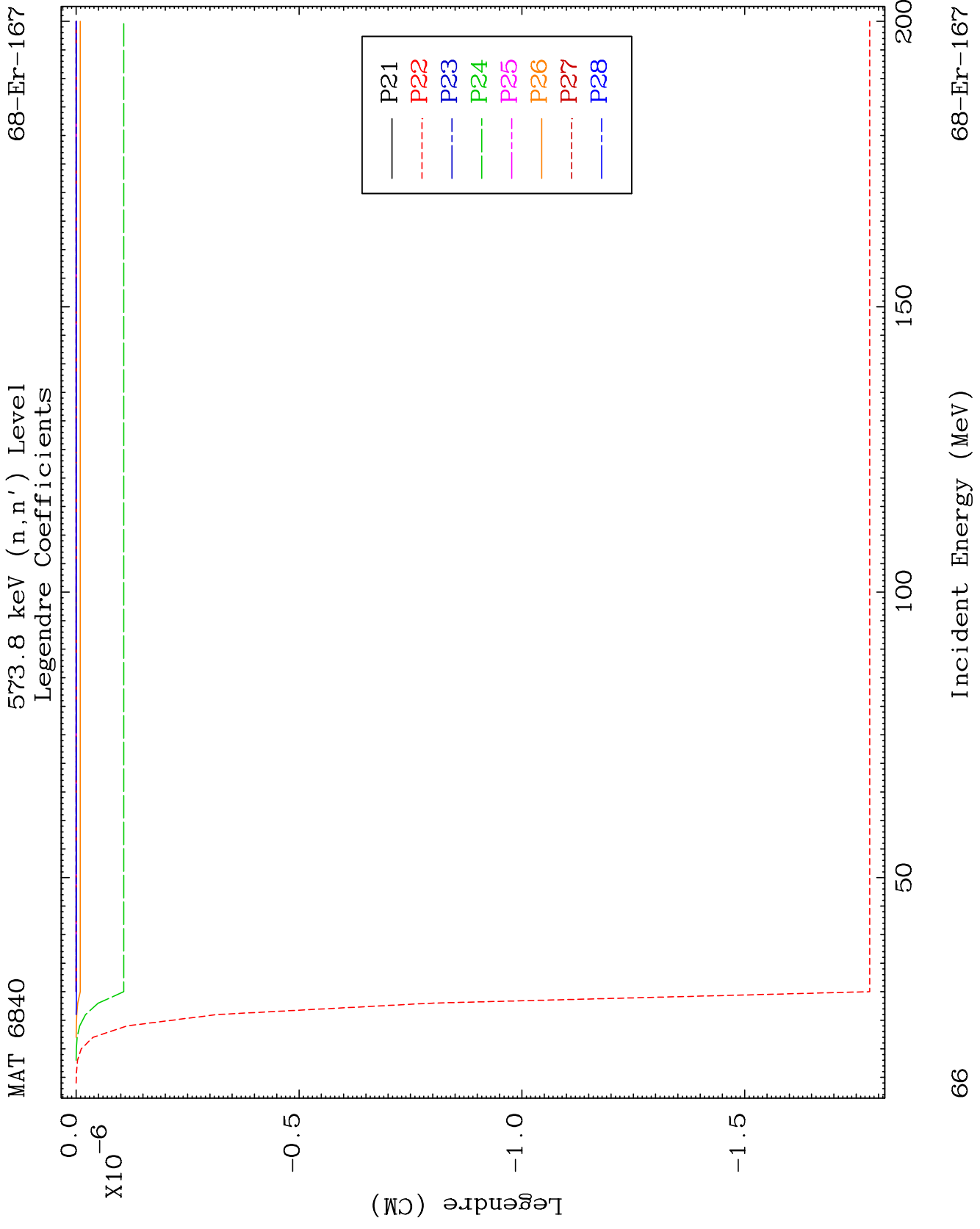
68-Er-167



65

Incident Energy (MeV)

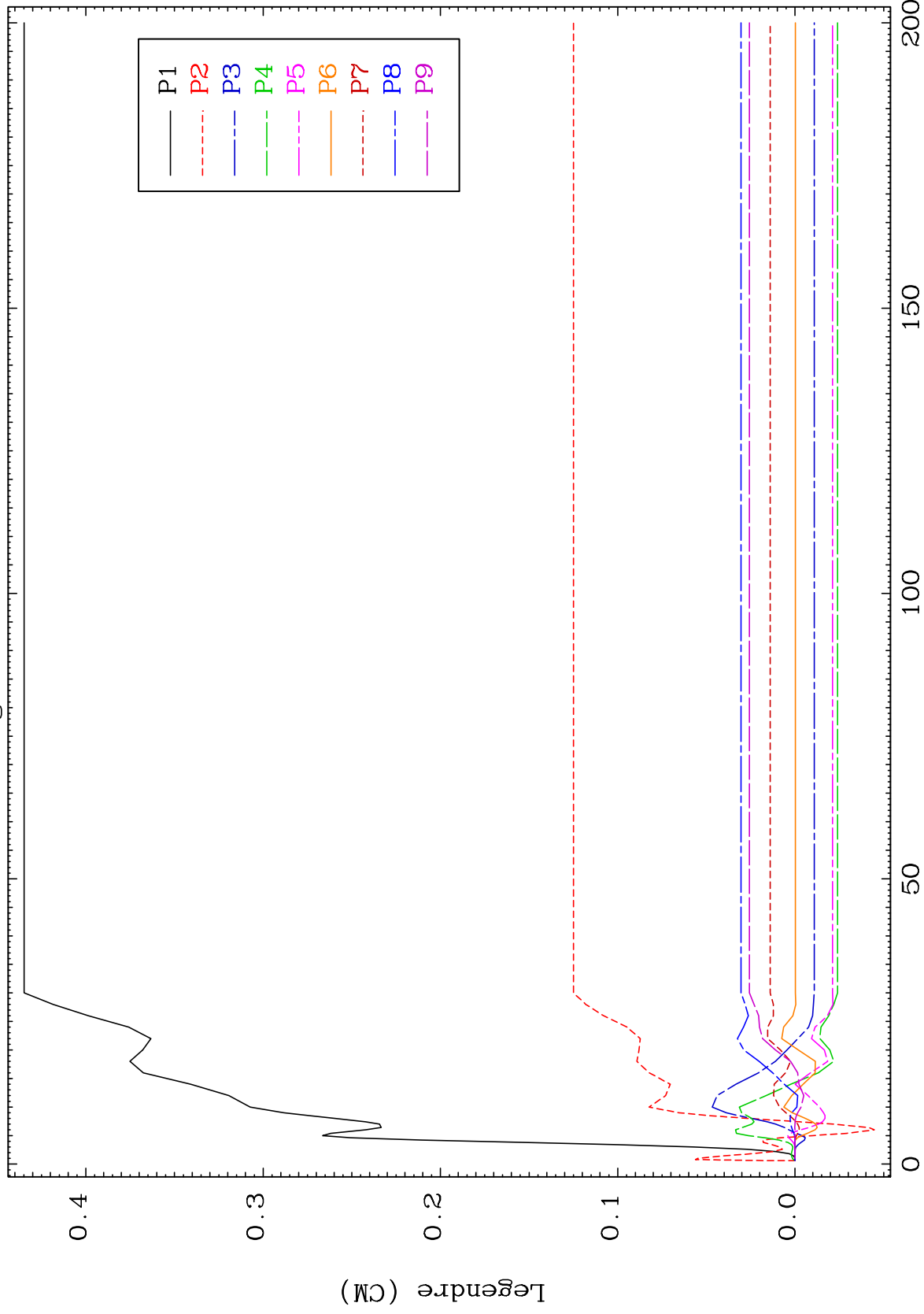
68-Er-167



MAT 6840

587.4 keV (n,n') Level  
Legendre Coefficients

68-Er-167



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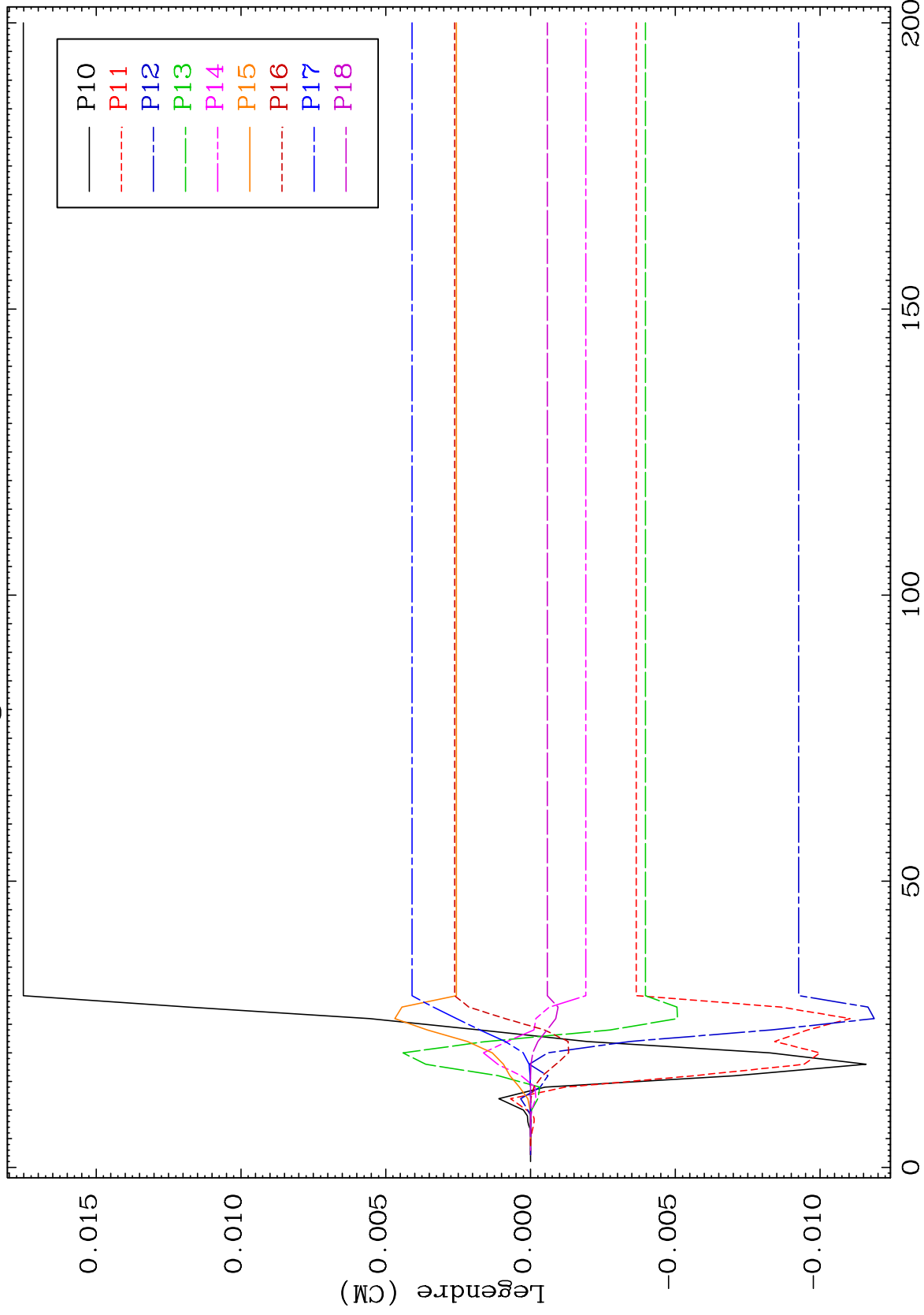
Incident Energy (MeV)

68-Er-167

MAT 6840

587.4 keV (n,n') Level  
Legendre Coefficients

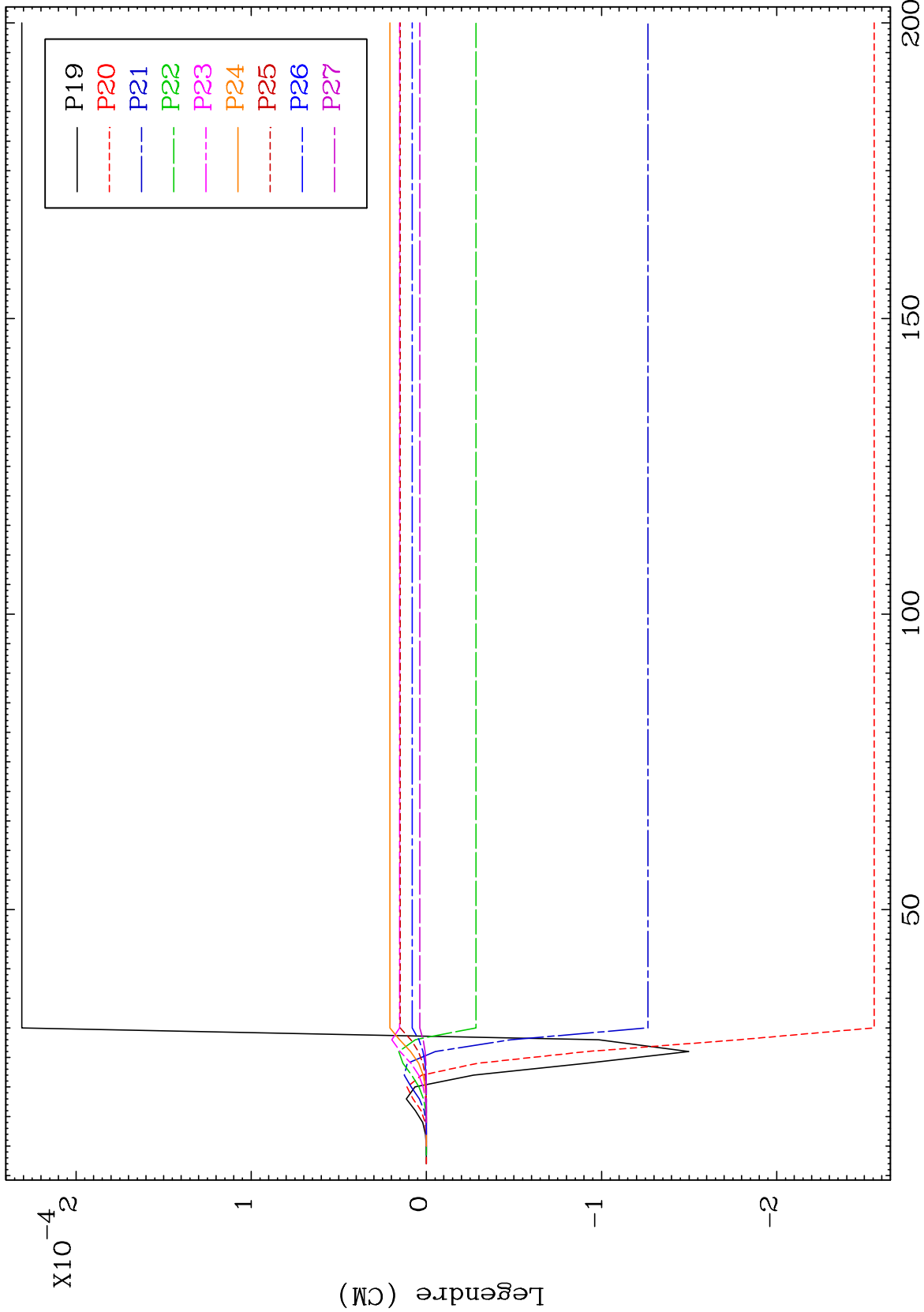
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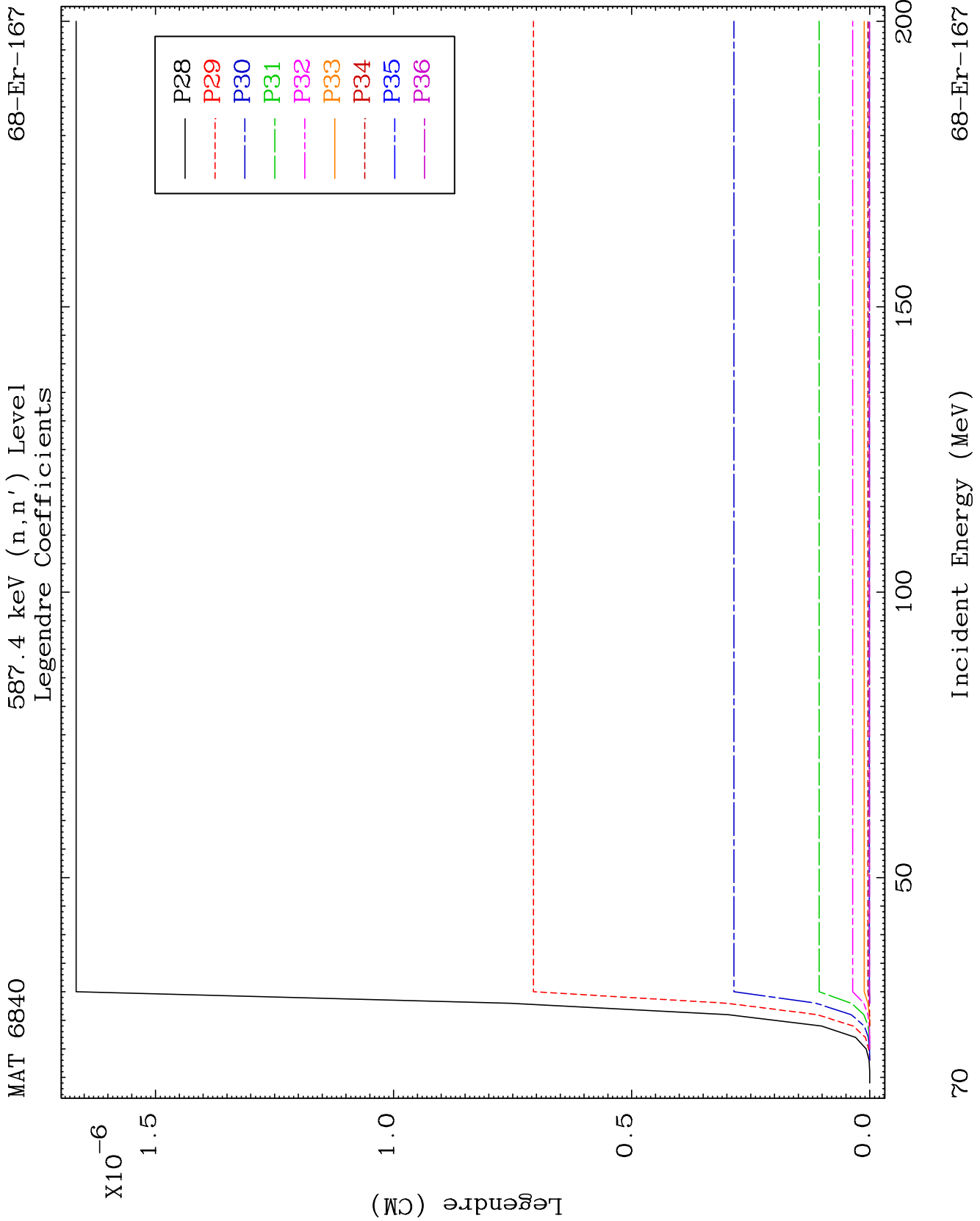


68

Incident Energy (MeV)

68-Er-167

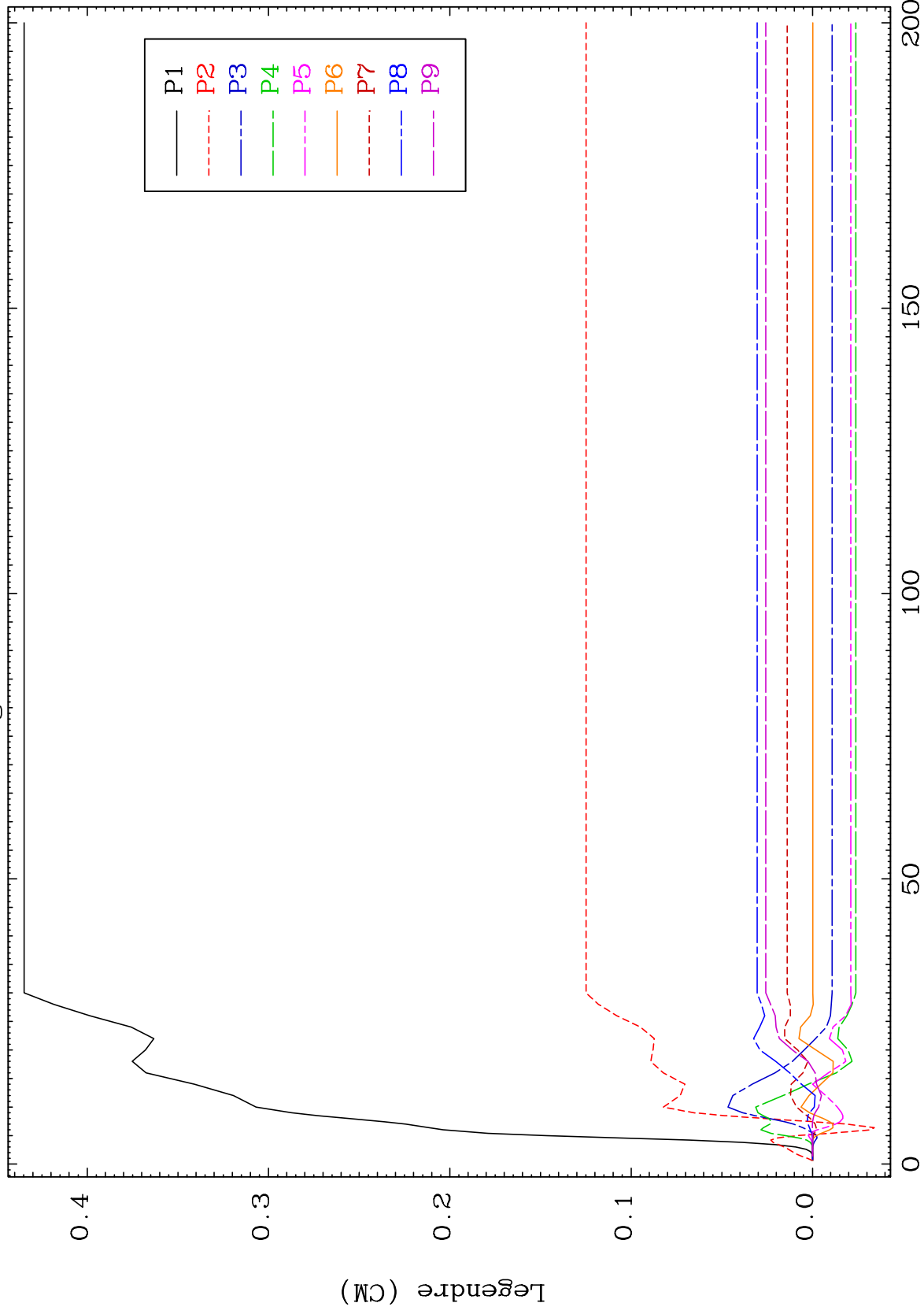




MAT 6840

591.8 keV (n,n') Level  
Legendre Coefficients

68-Er-167

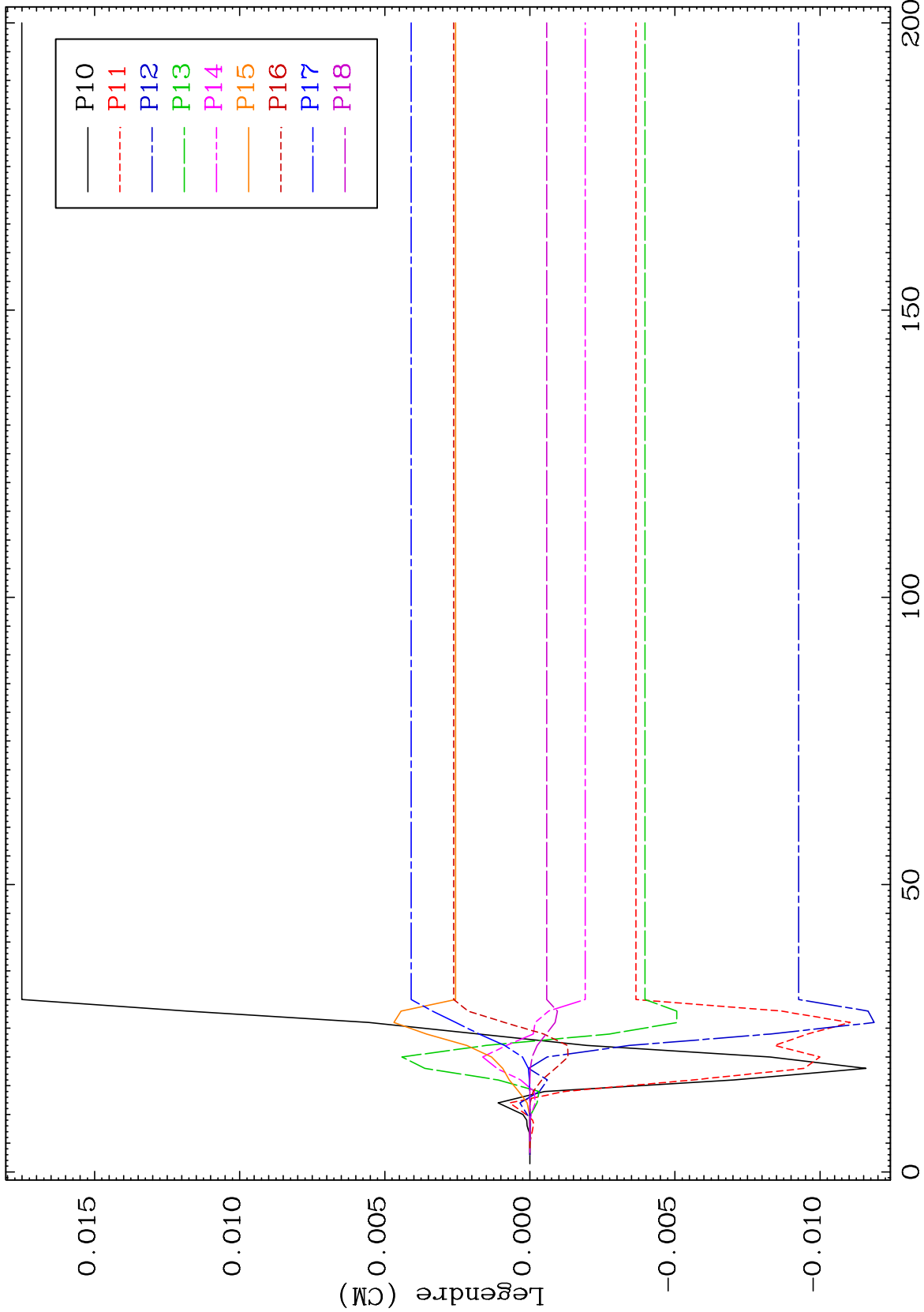


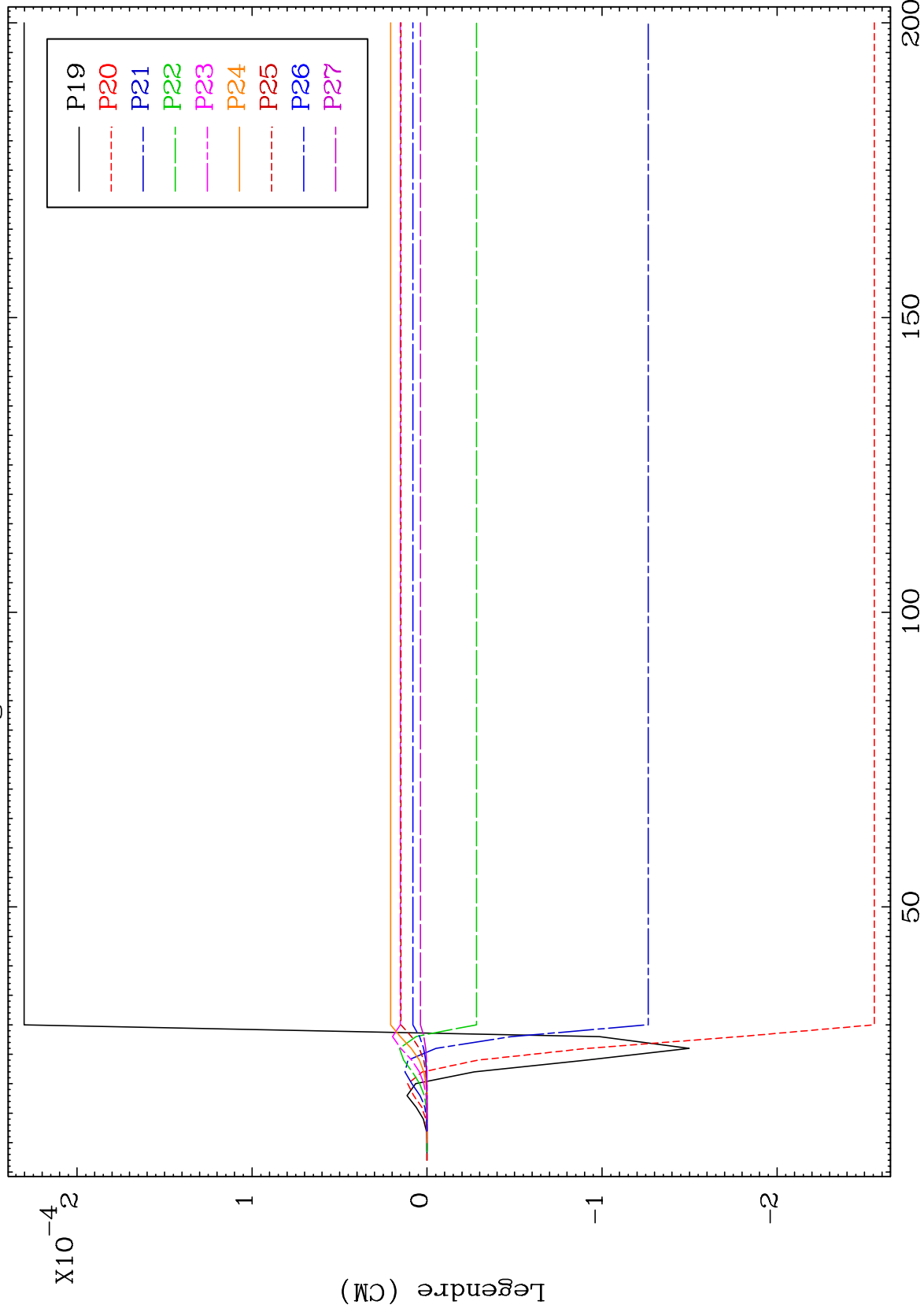
71

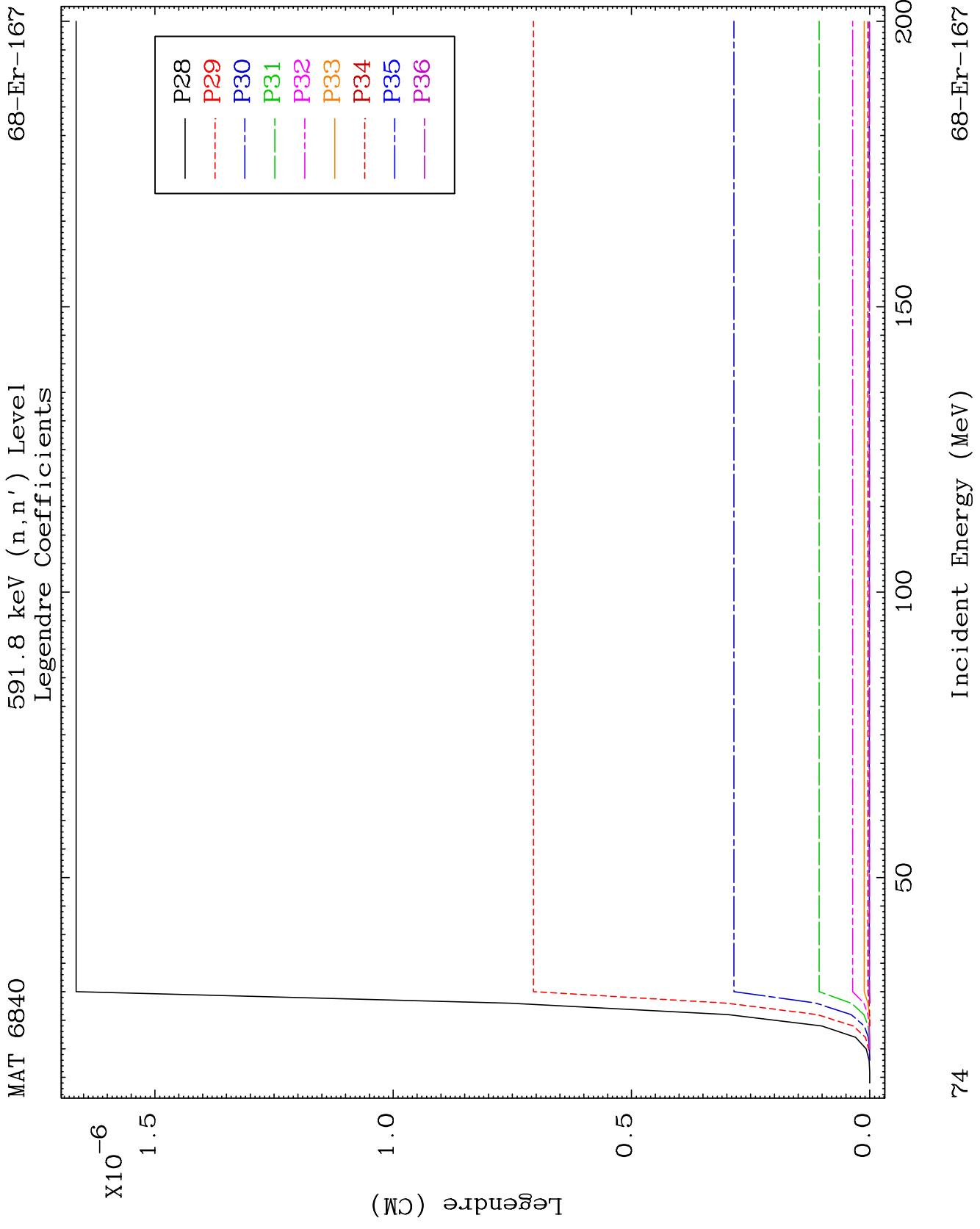
Incident Energy (MeV)

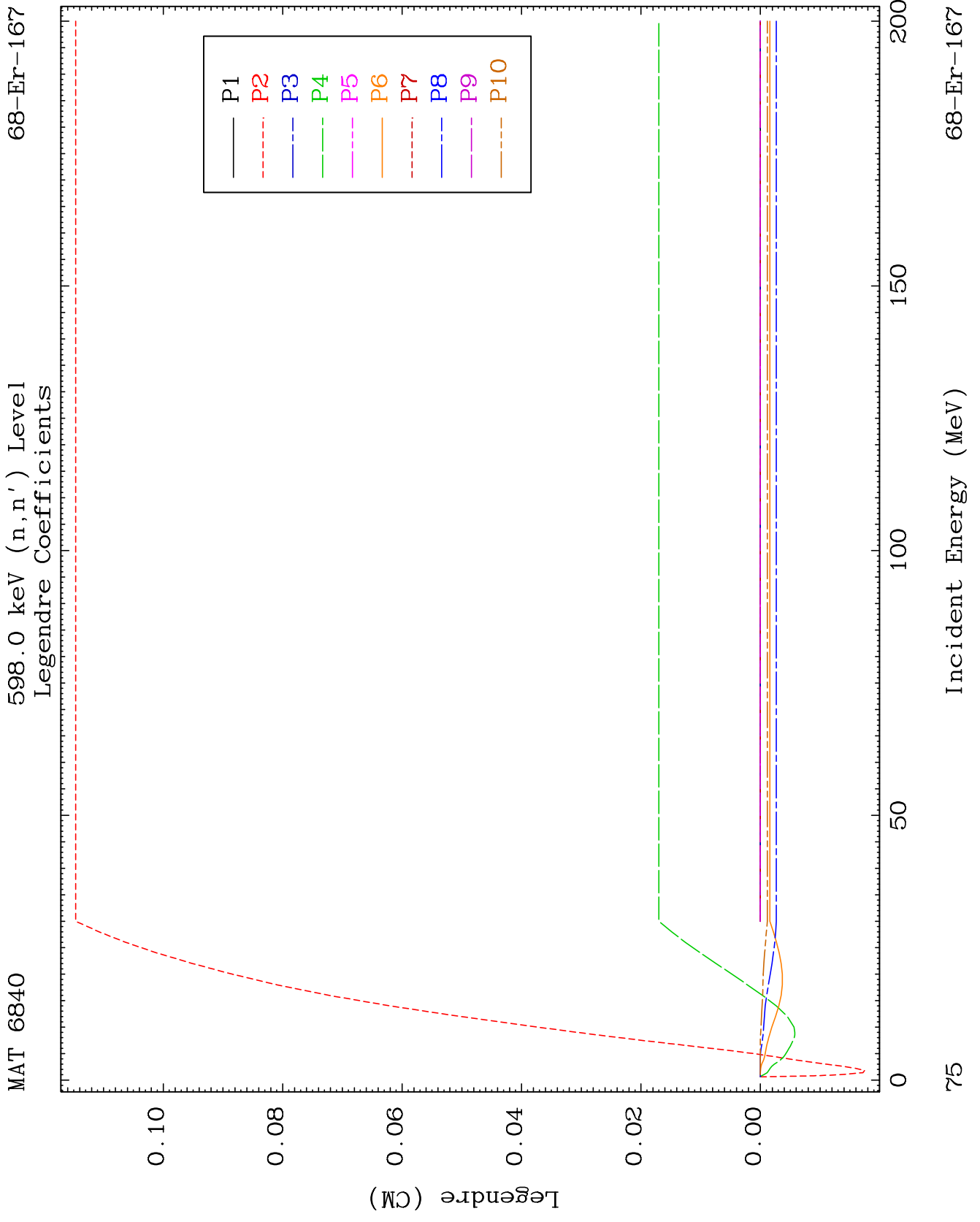
68-Er-167

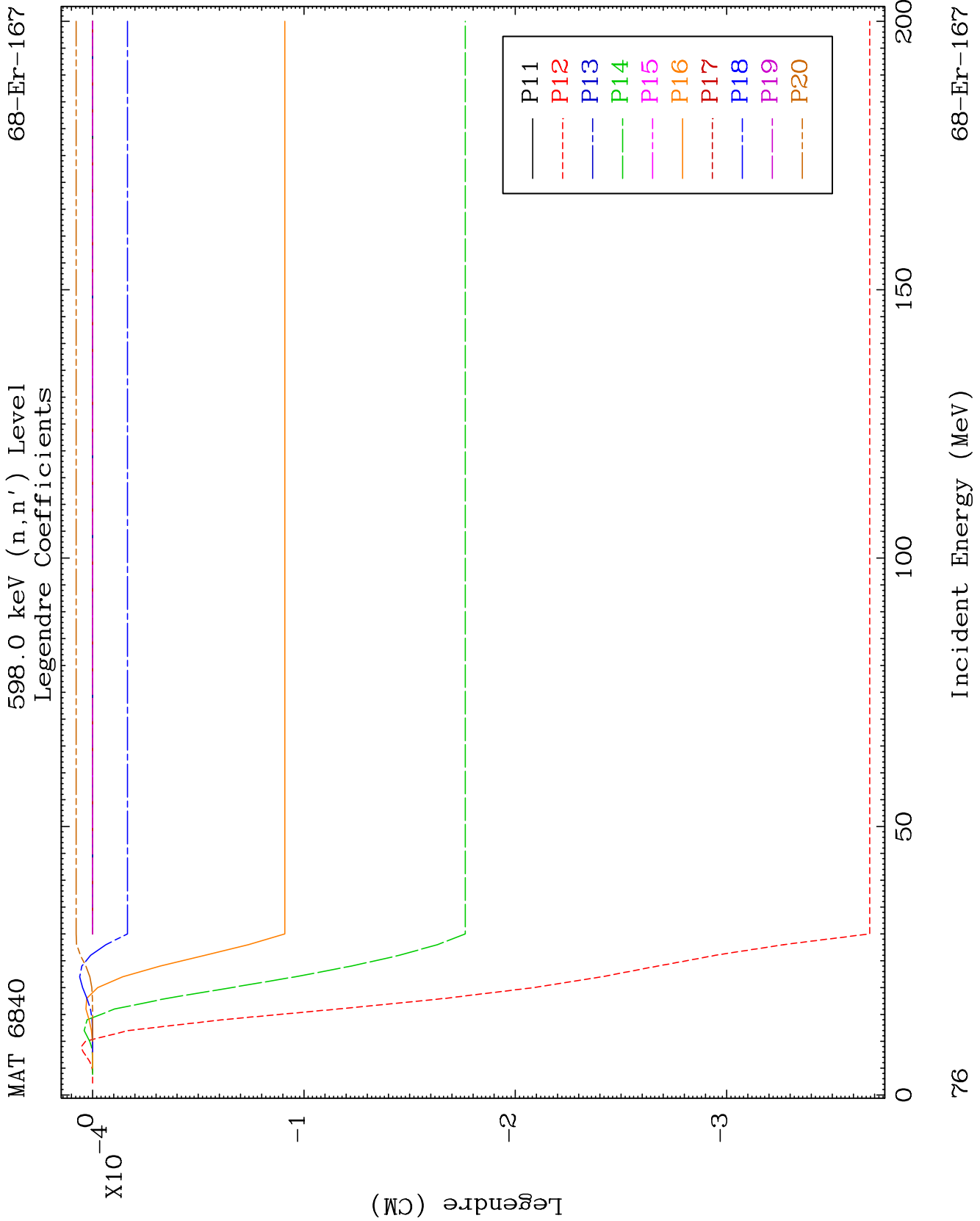




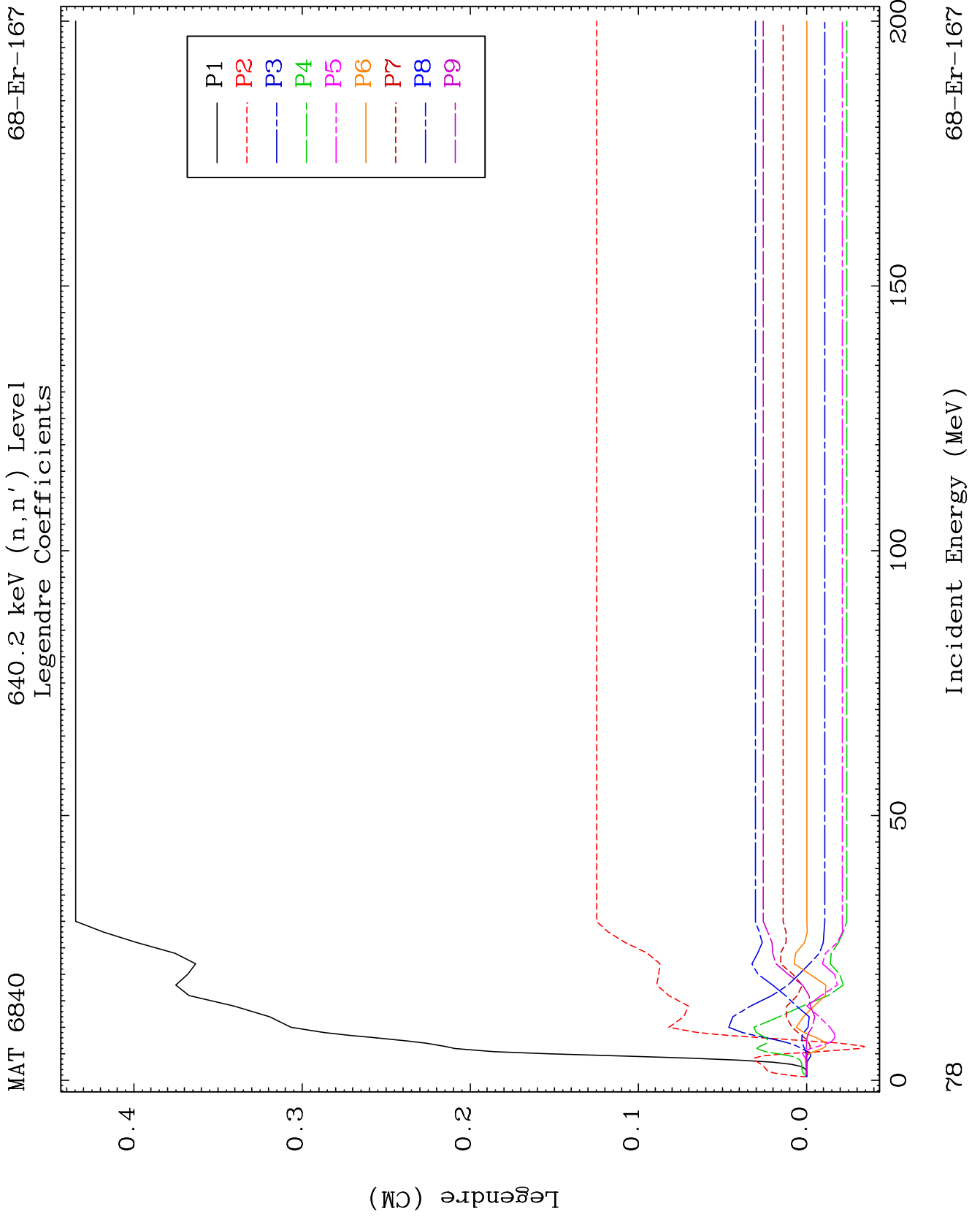


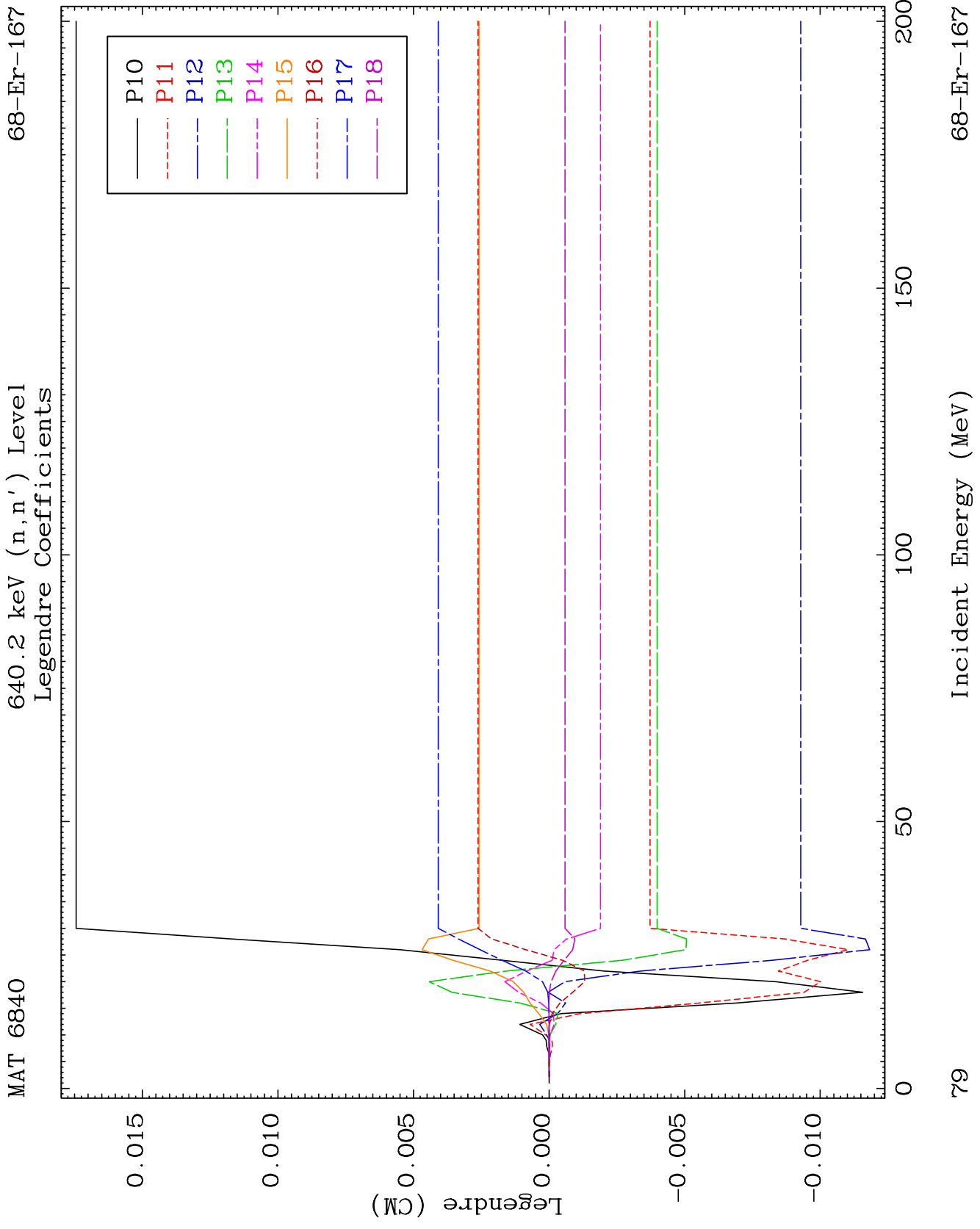




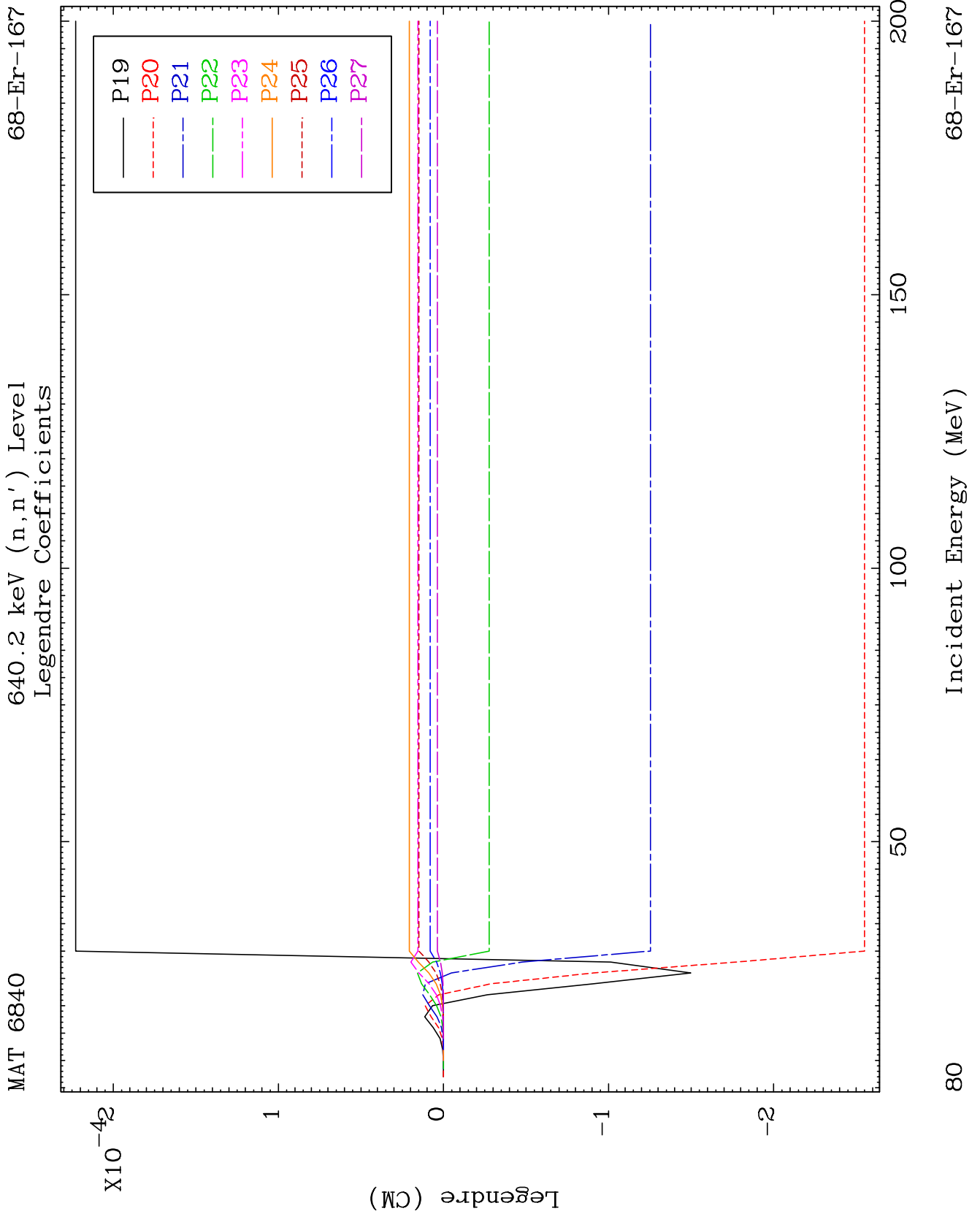


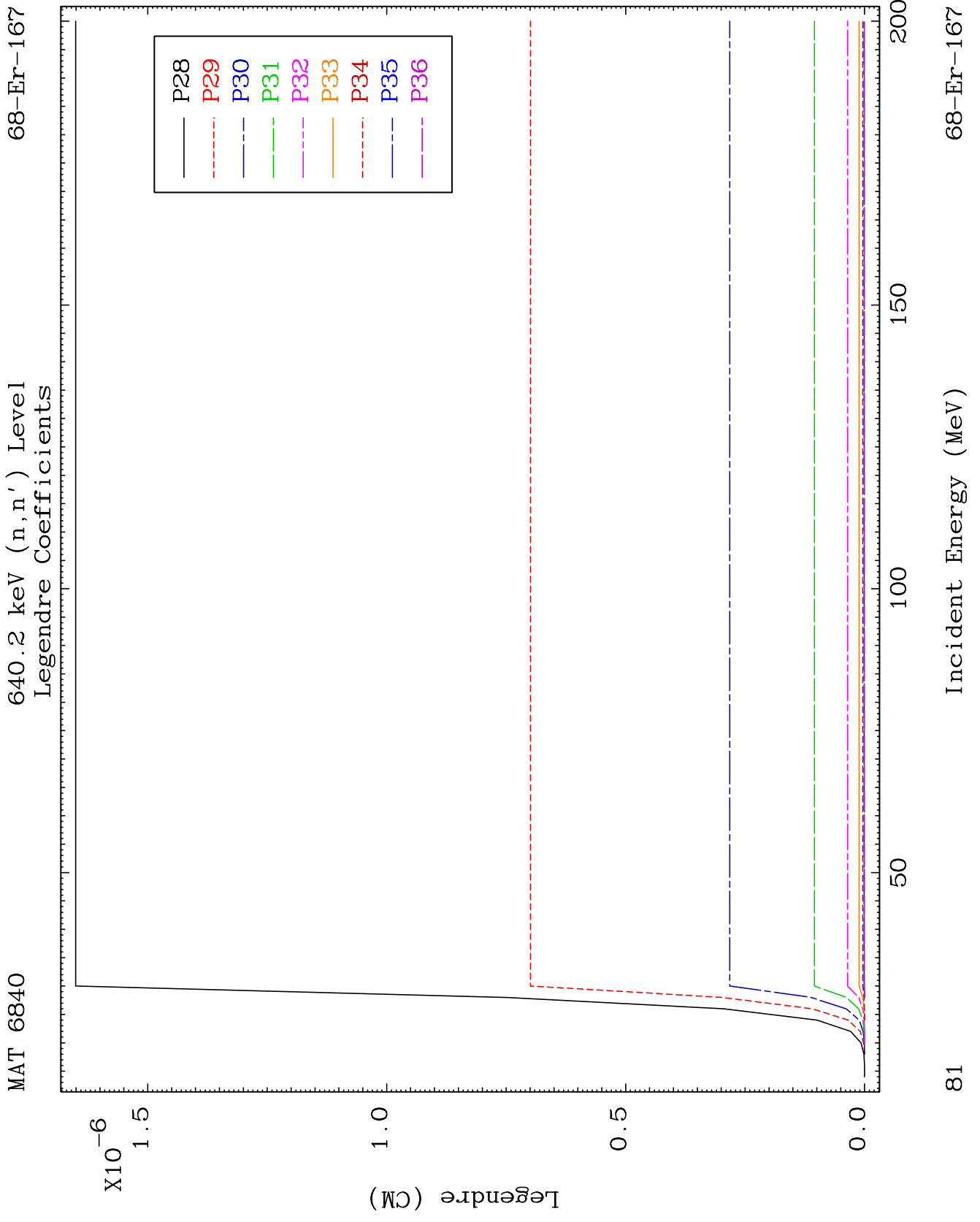


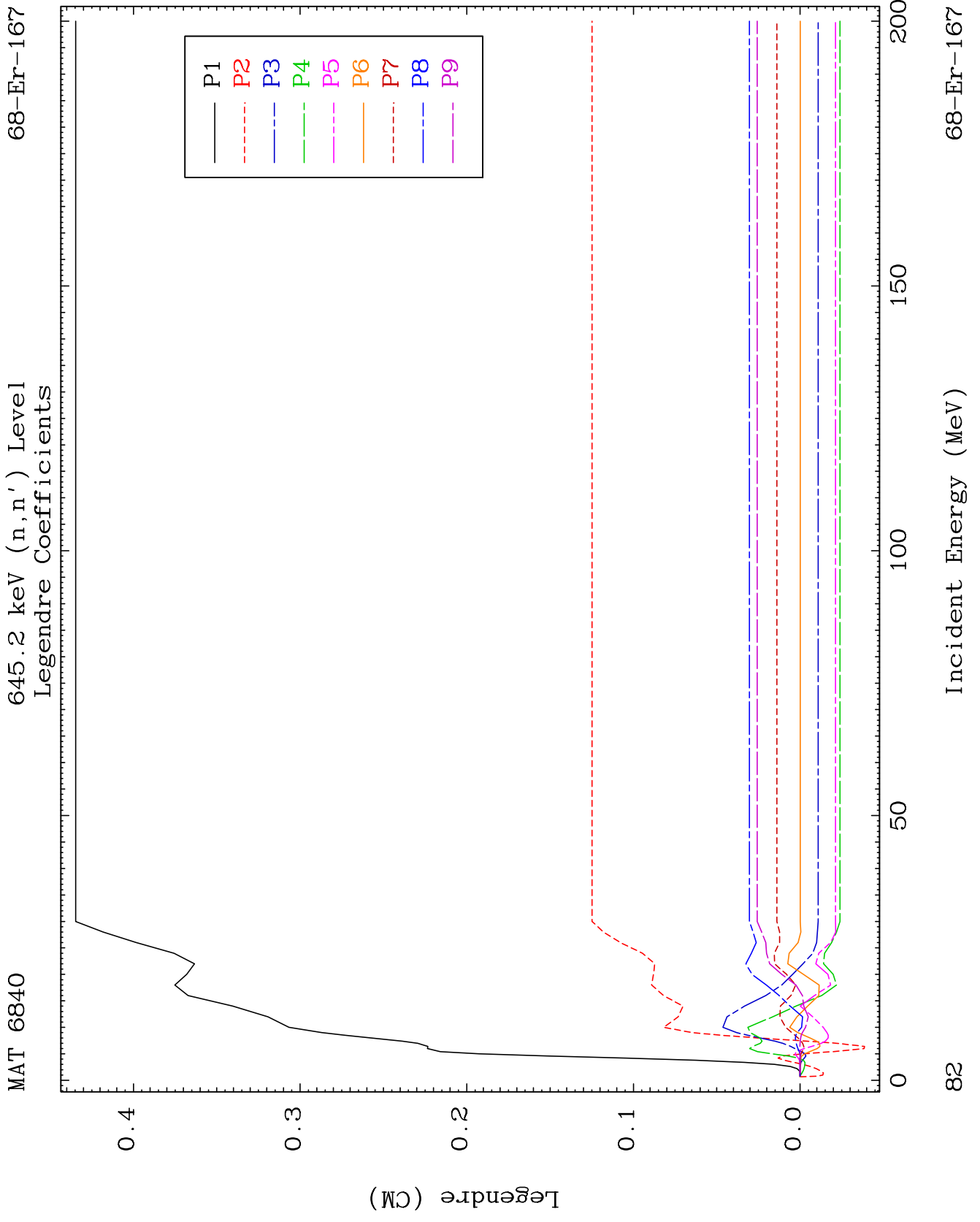








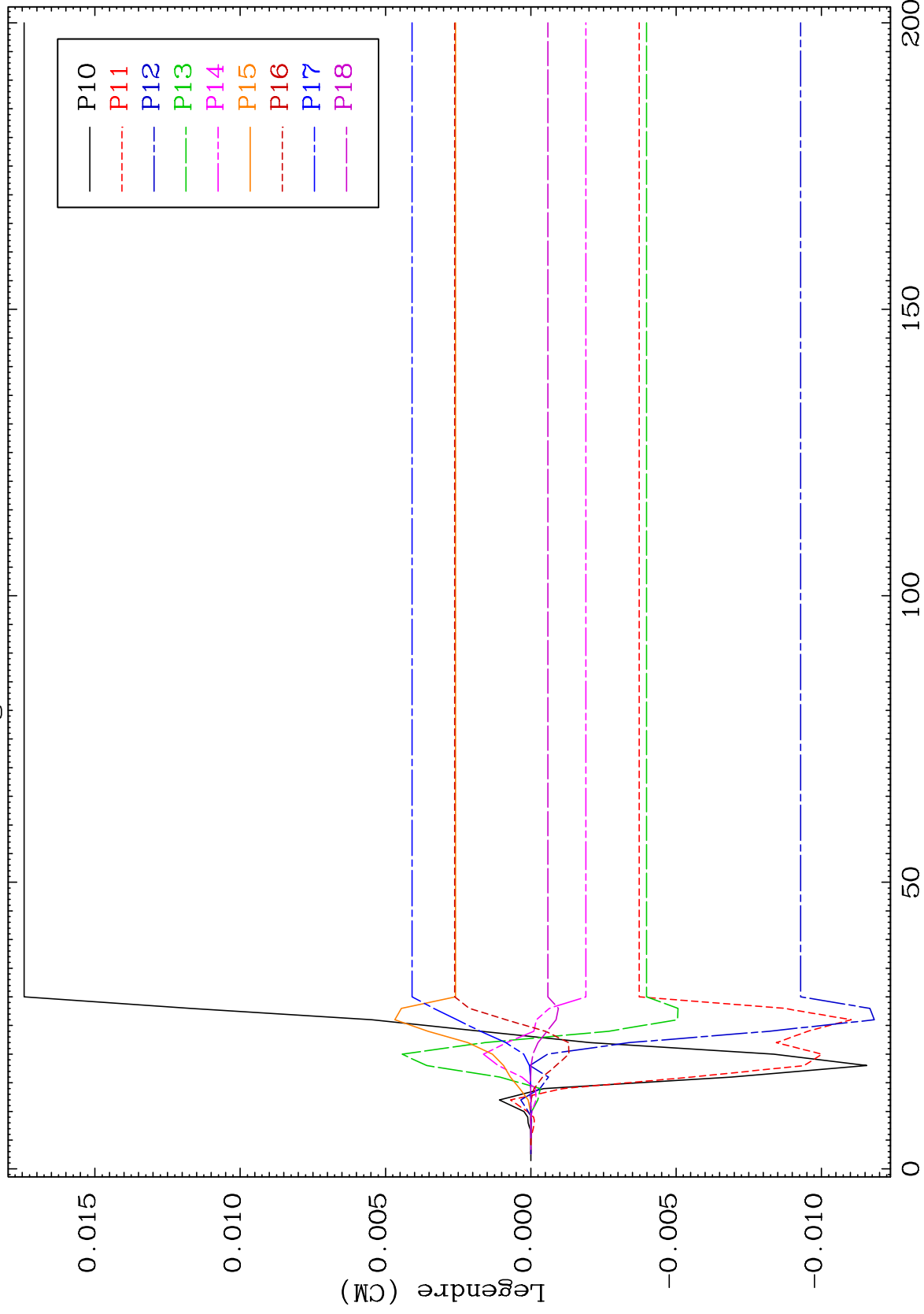




MAT 6840

645.2 keV (n,n') Level  
Legendre Coefficients

68-Er-167

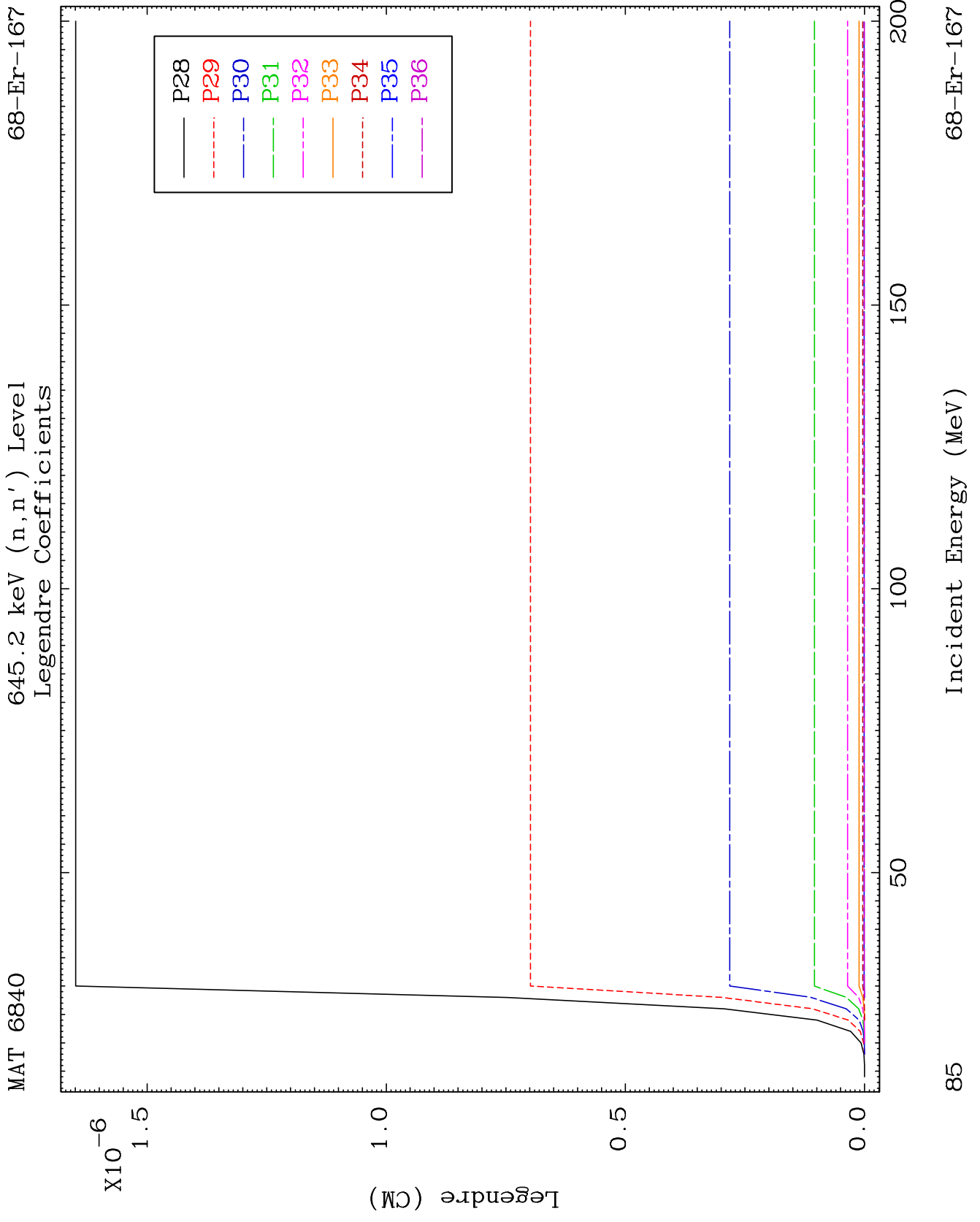


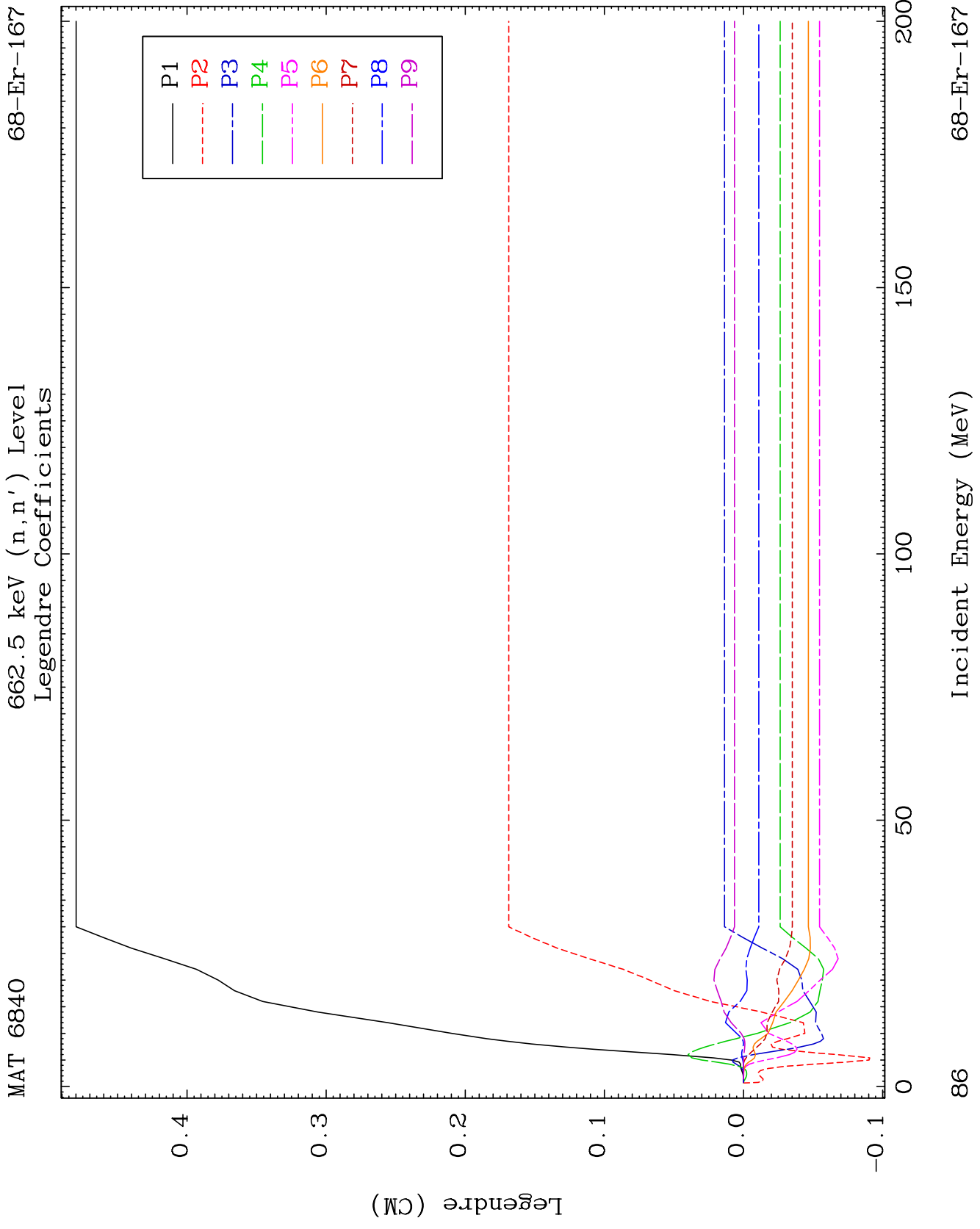
83

Incident Energy (MeV)

68-Er-167

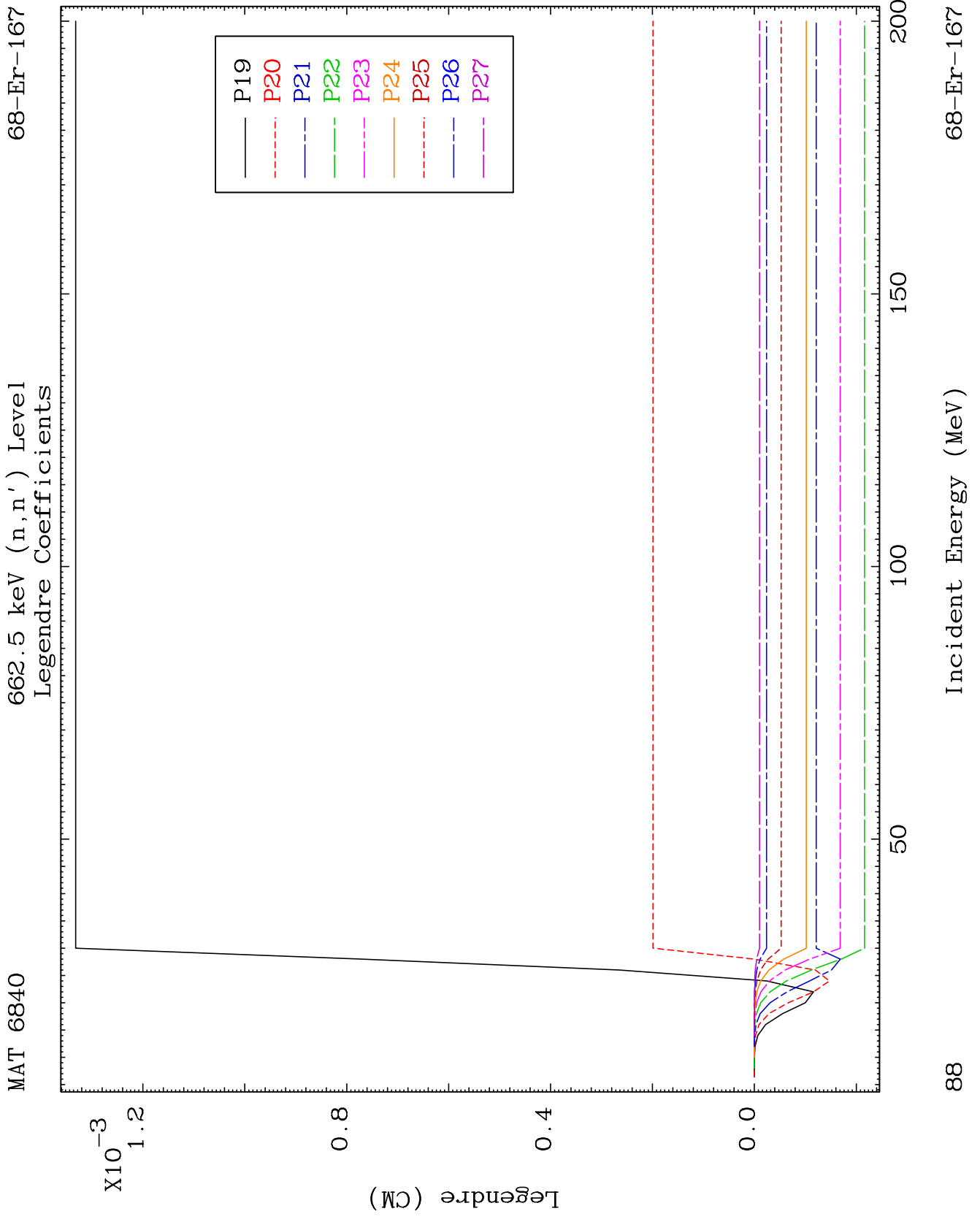


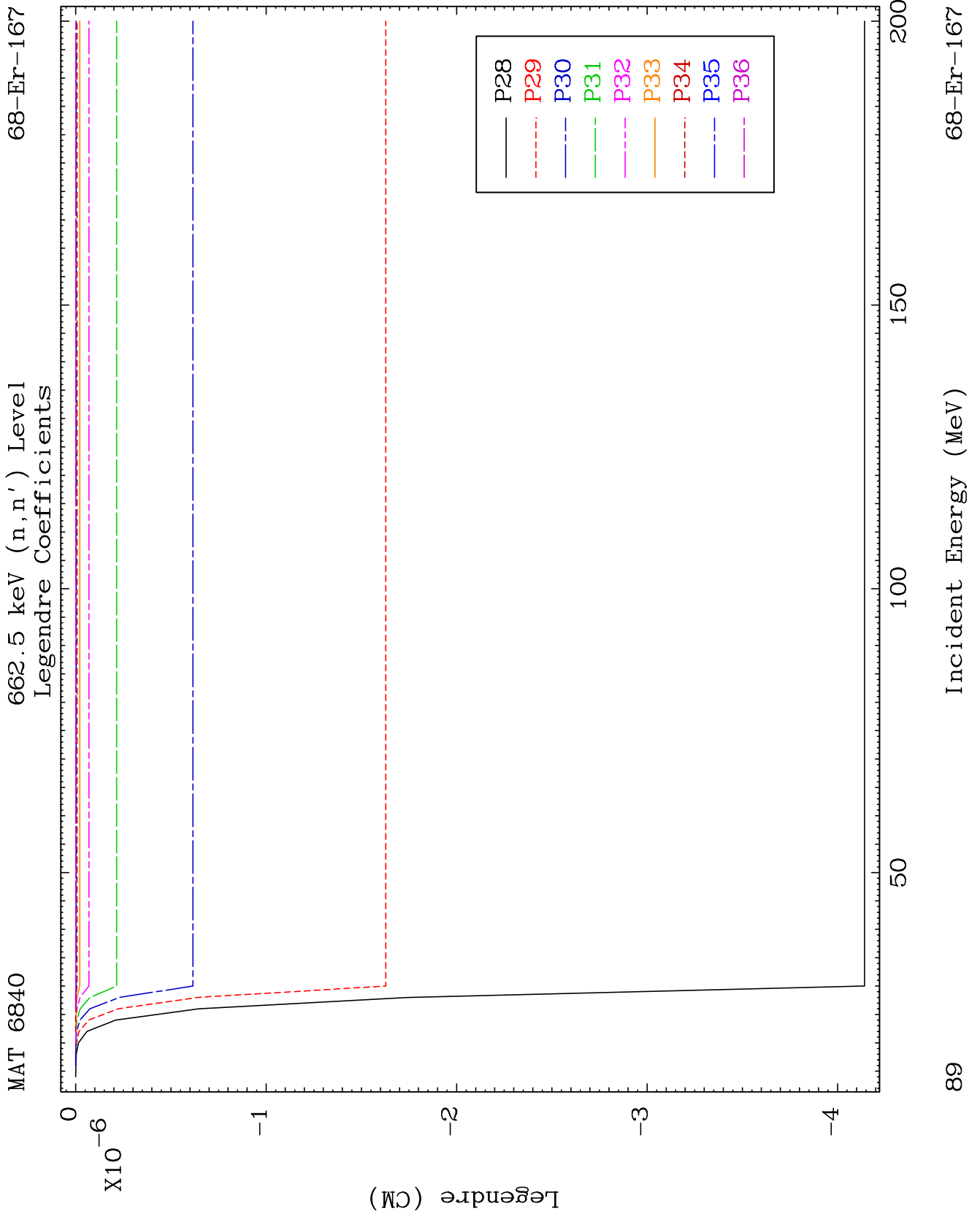


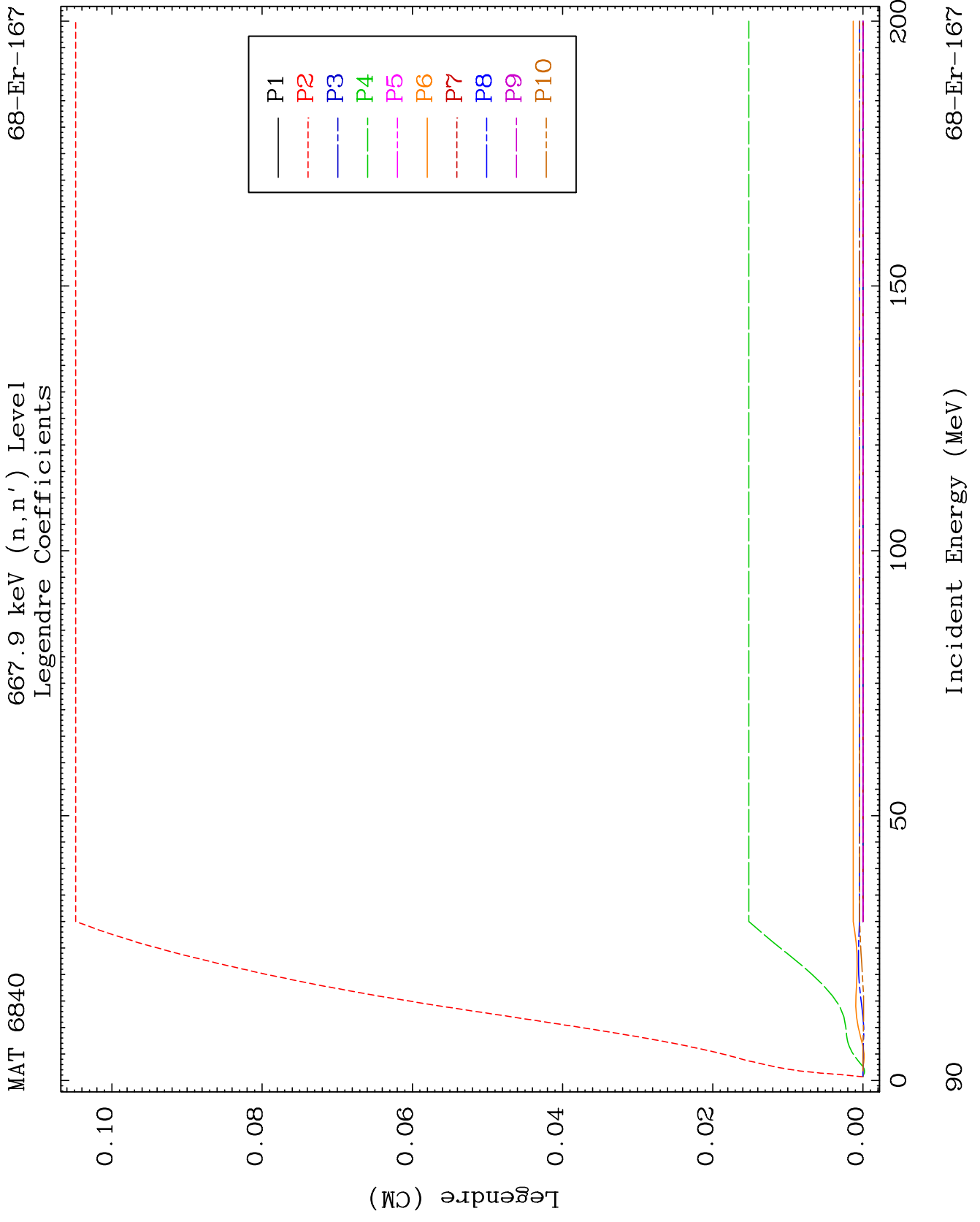


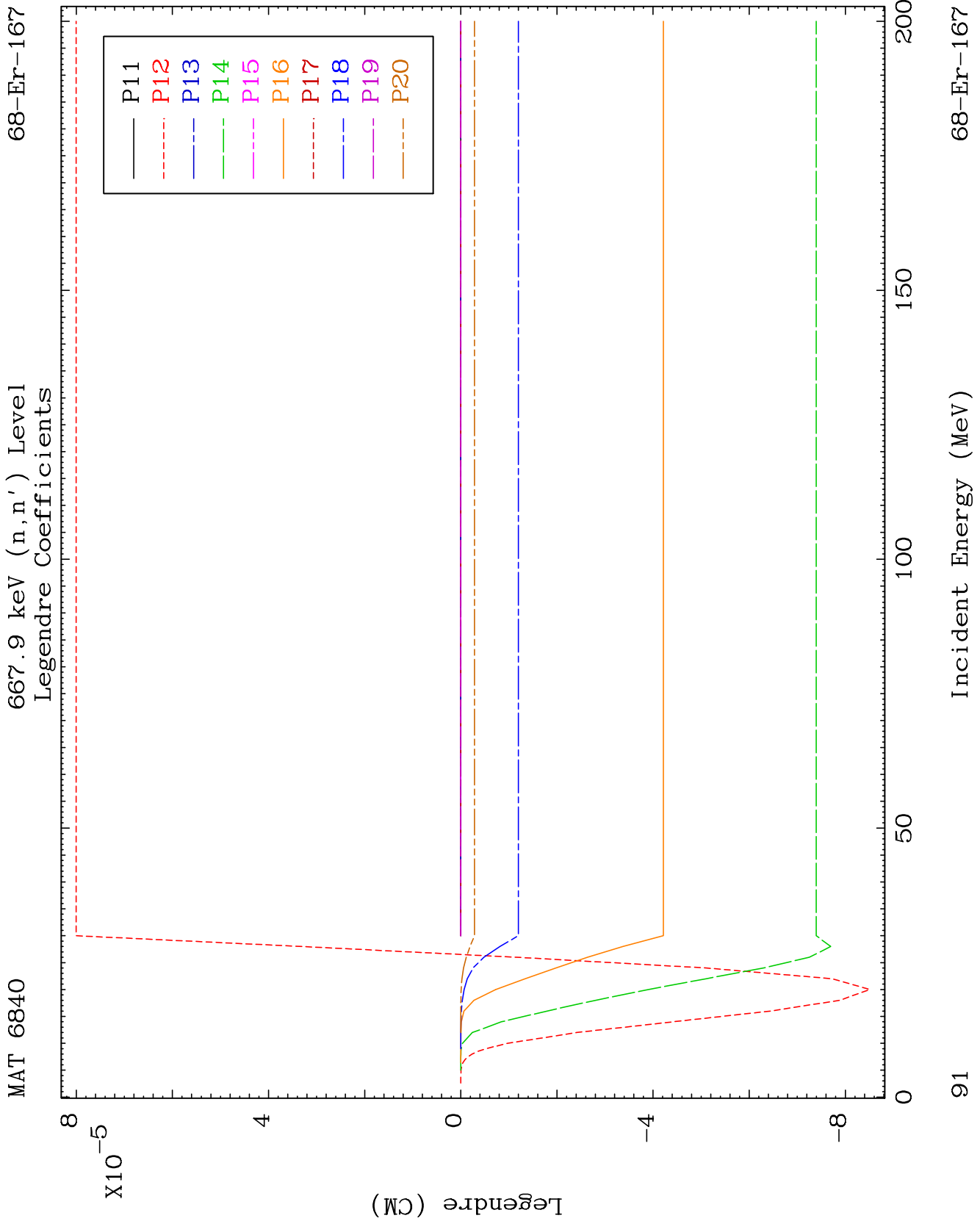


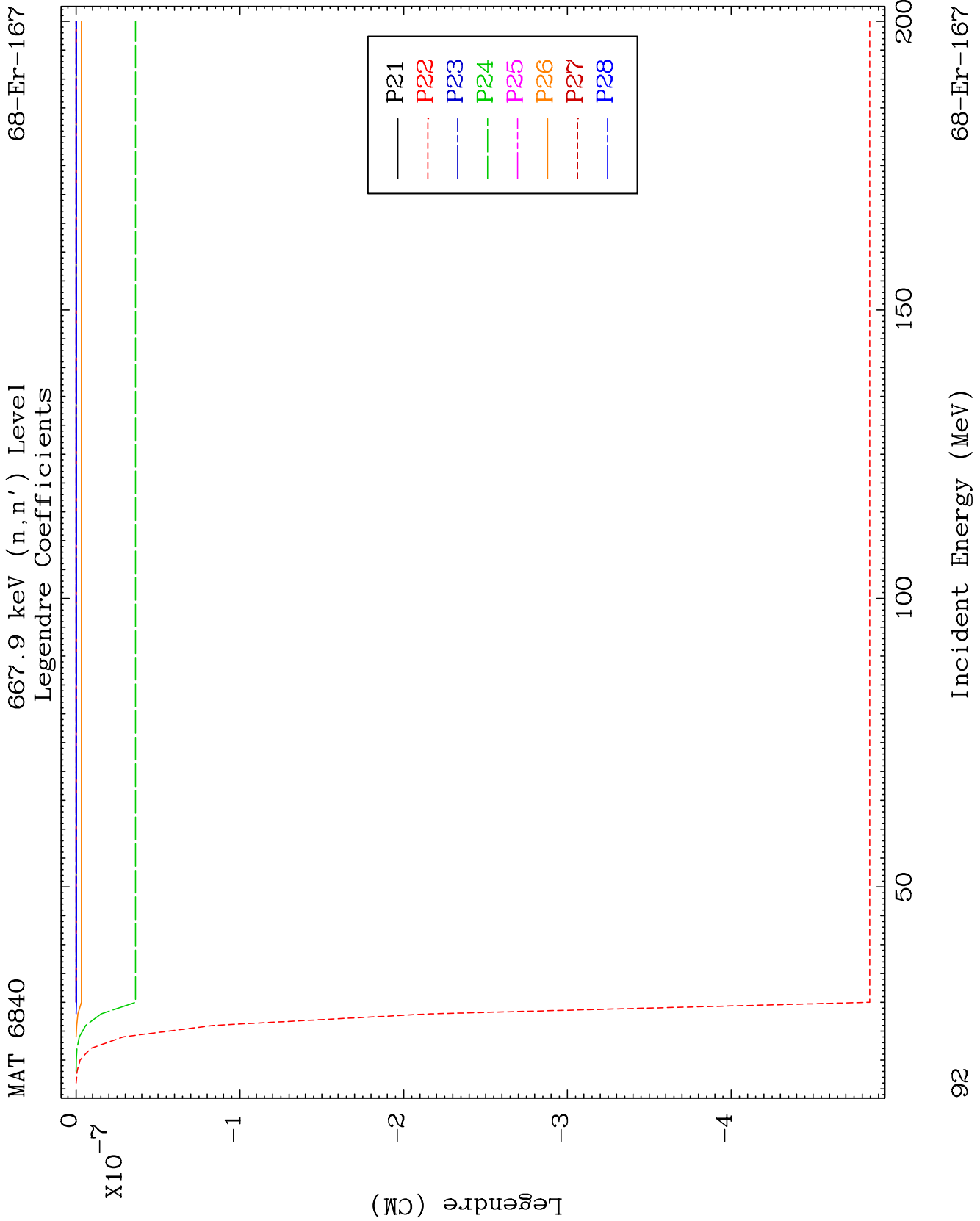








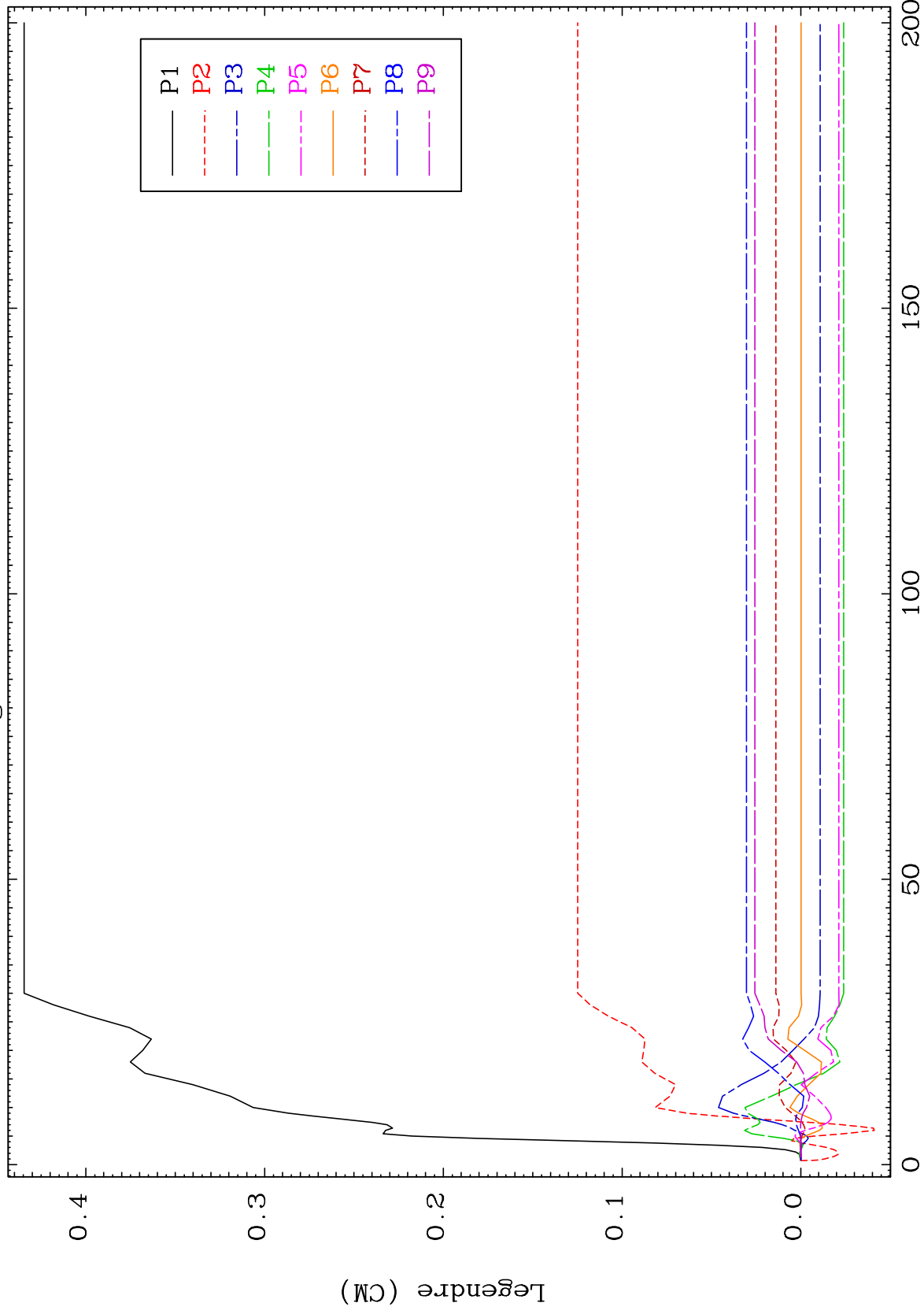




MAT 6840

683.3 keV (n,n') Level  
Legendre Coefficients

68-Er-167



93

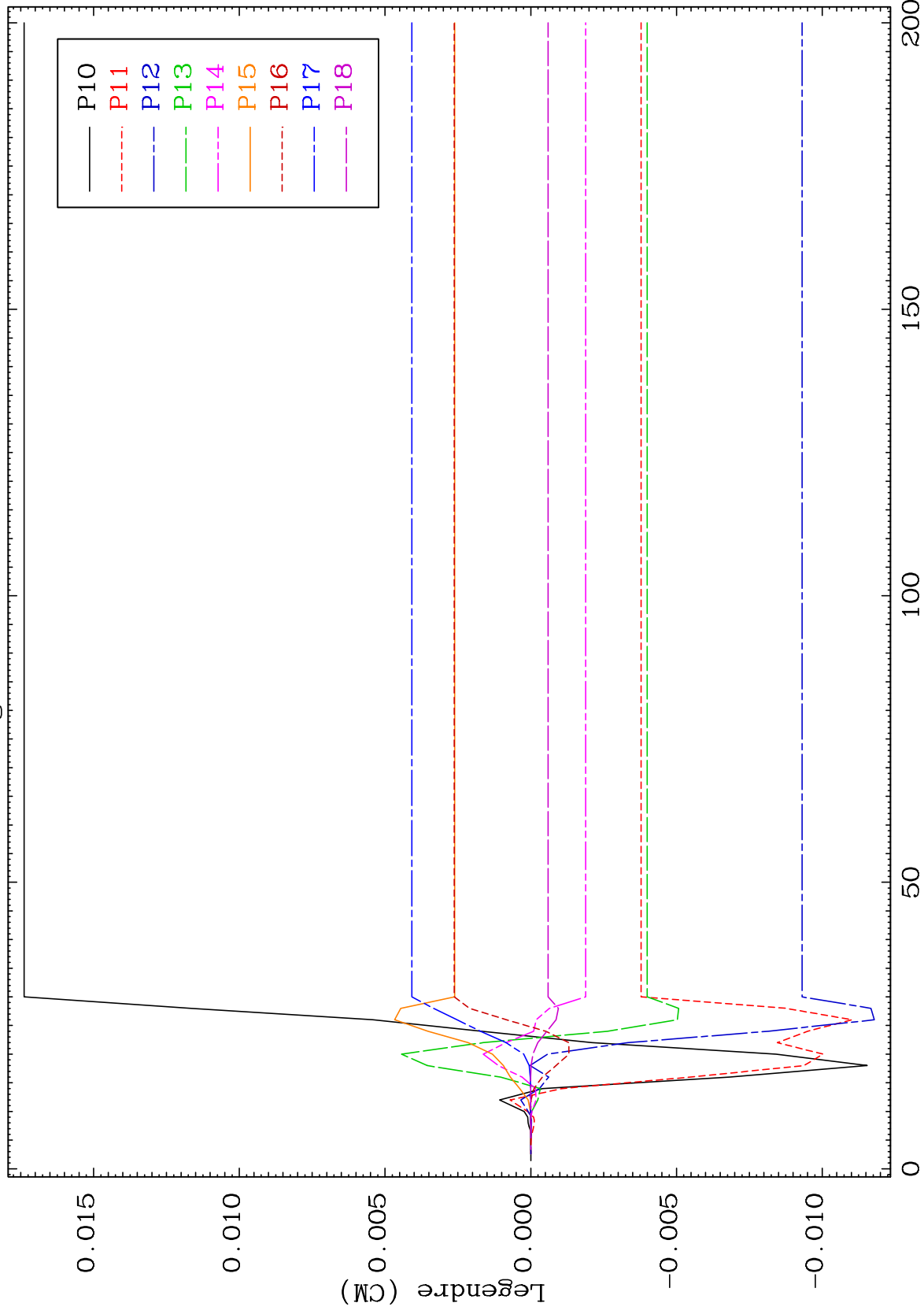
Incident Energy (MeV)

68-Er-167

MAT 6840

683.3 keV (n,n') Level  
Legendre Coefficients

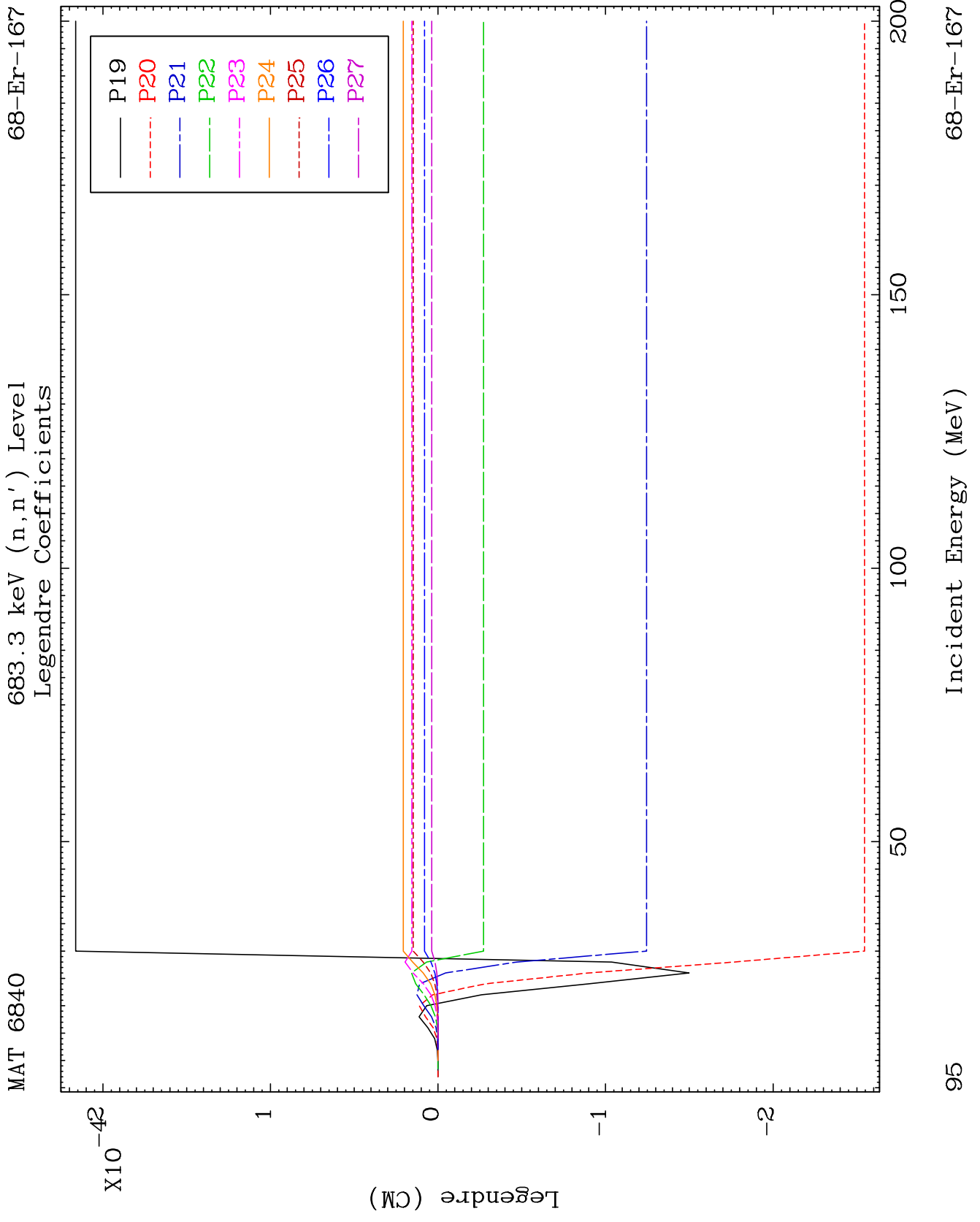
68-Er-167



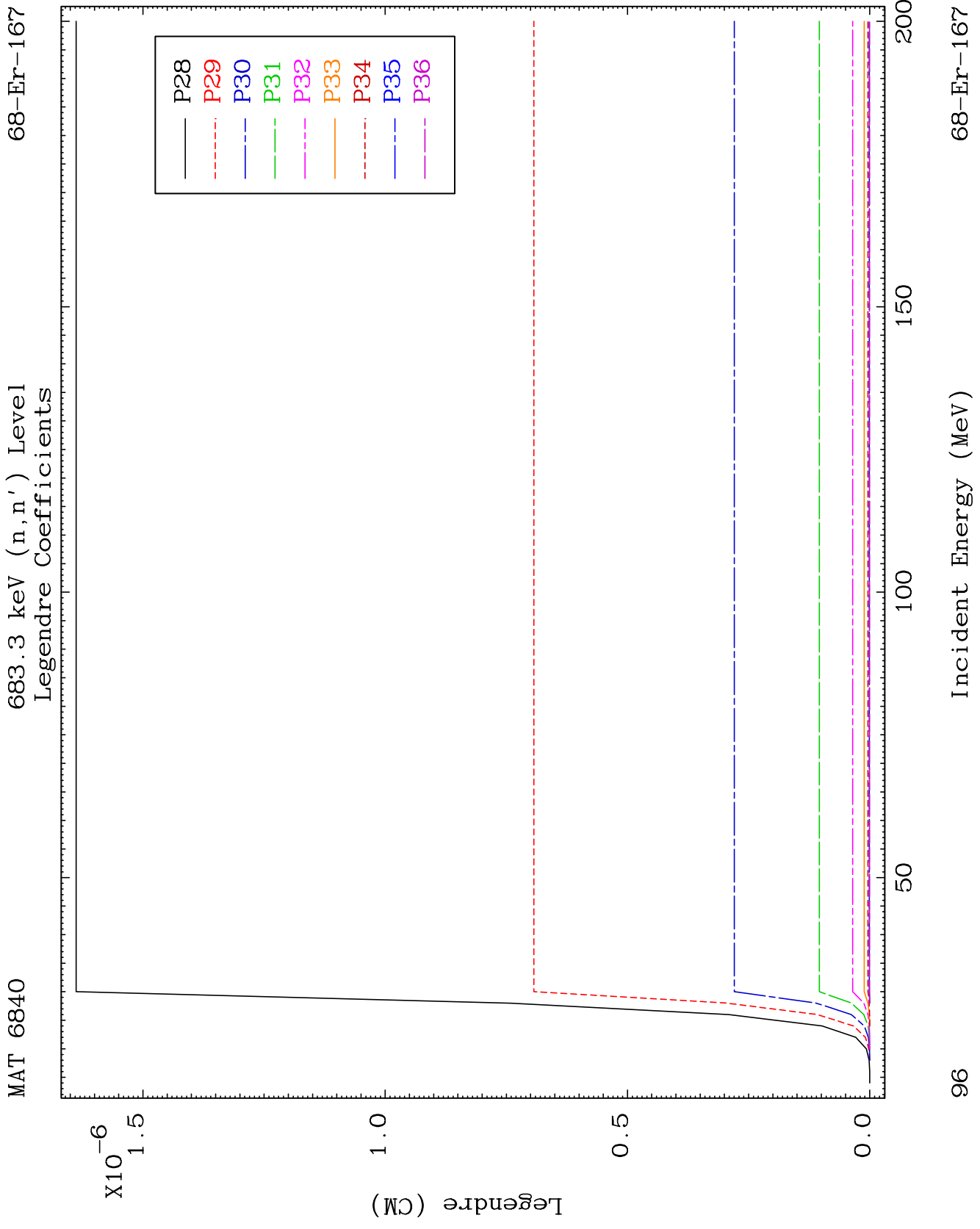
94

Incident Energy (MeV)

68-Er-167





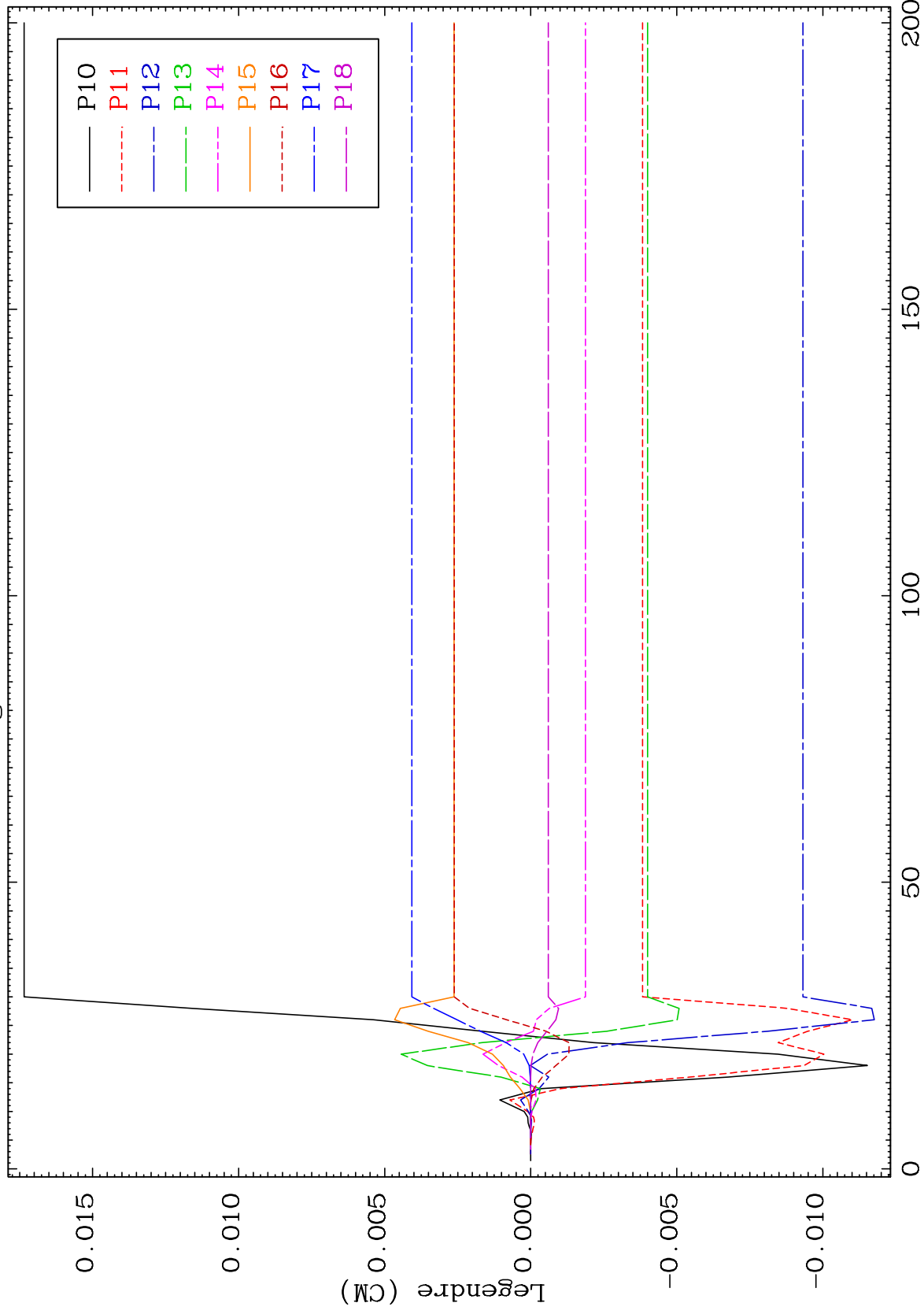




MAT 6840

711.1 keV (n,n') Level  
Legendre Coefficients

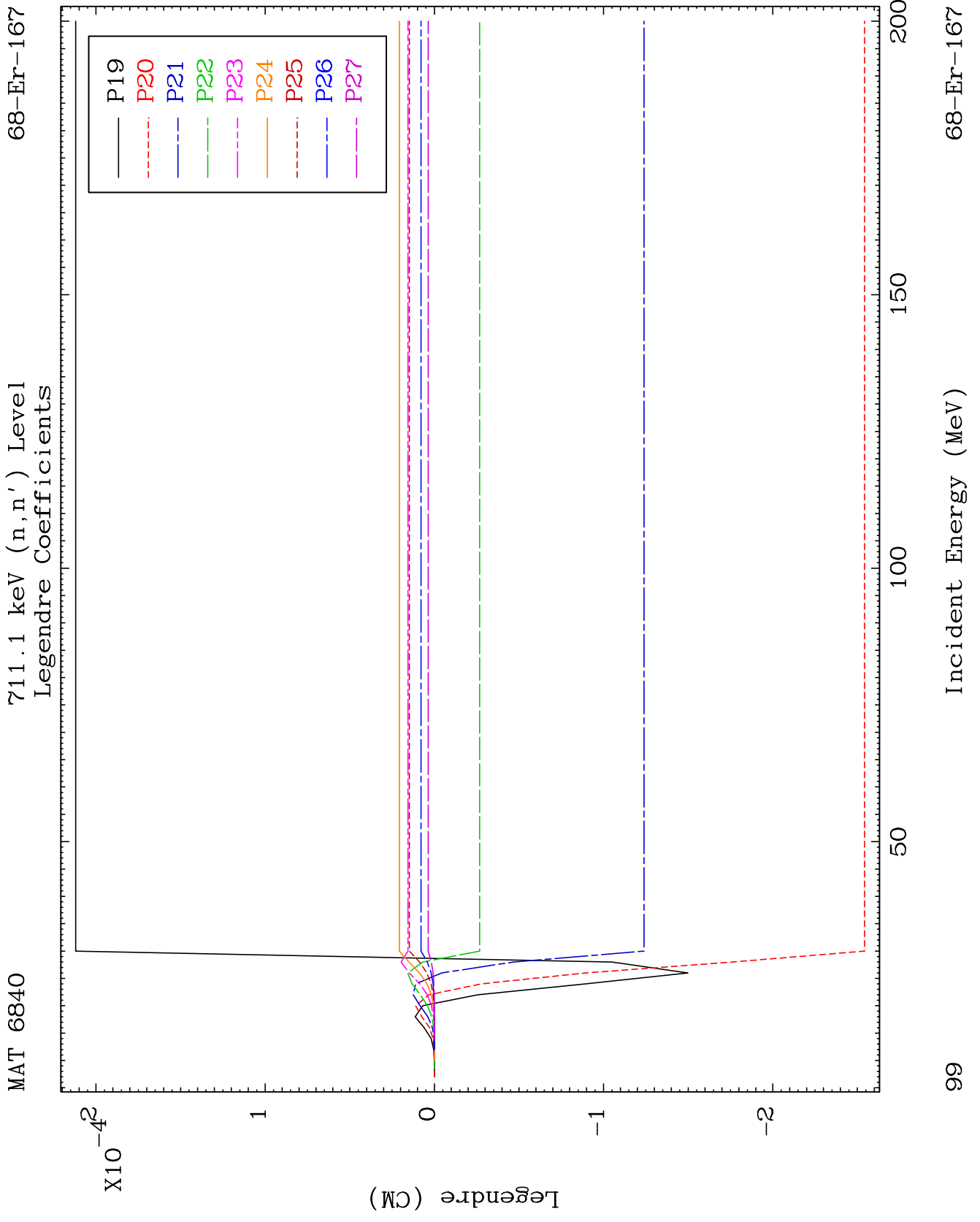
68-Er-167

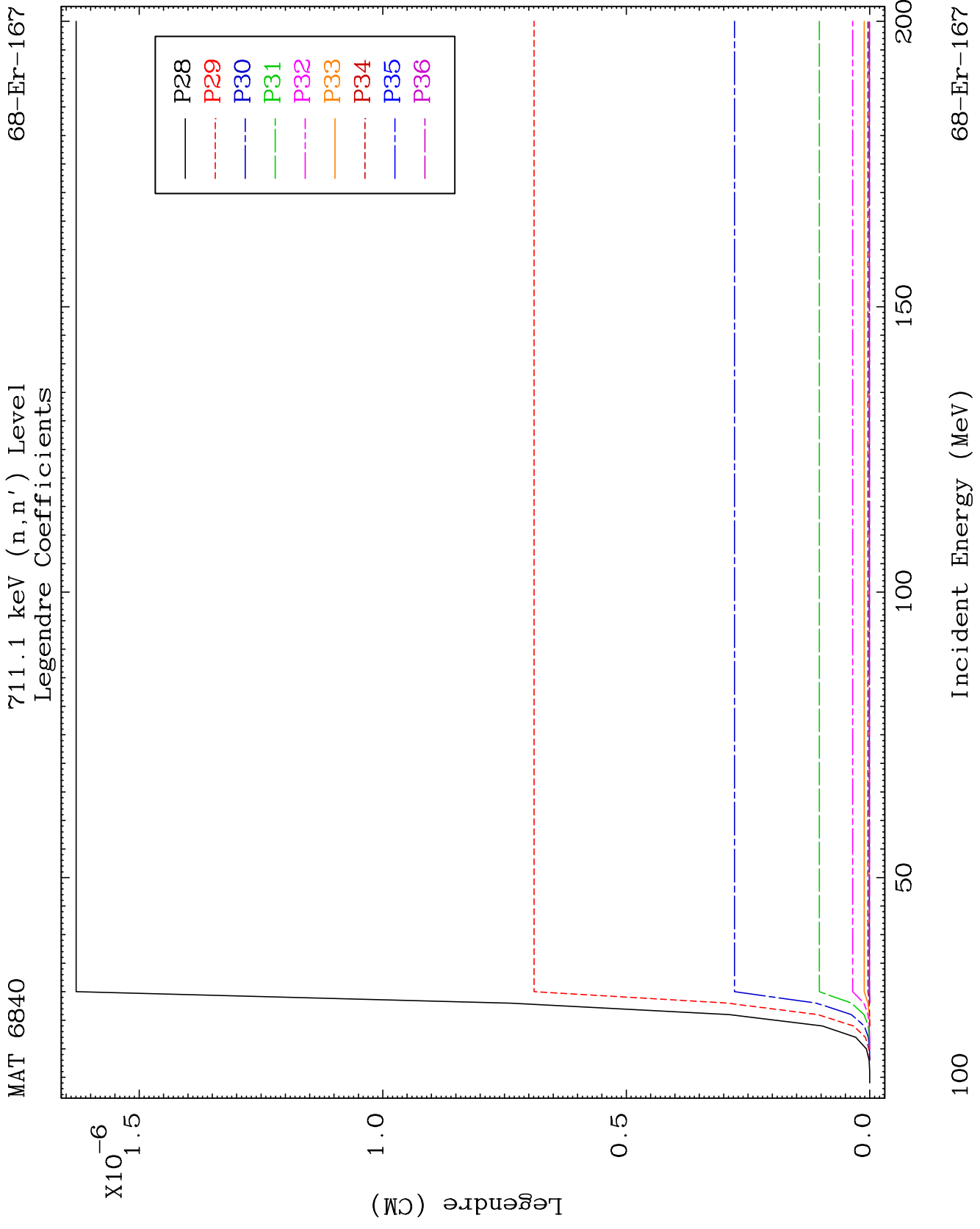


98

Incident Energy (MeV)

68-Er-167



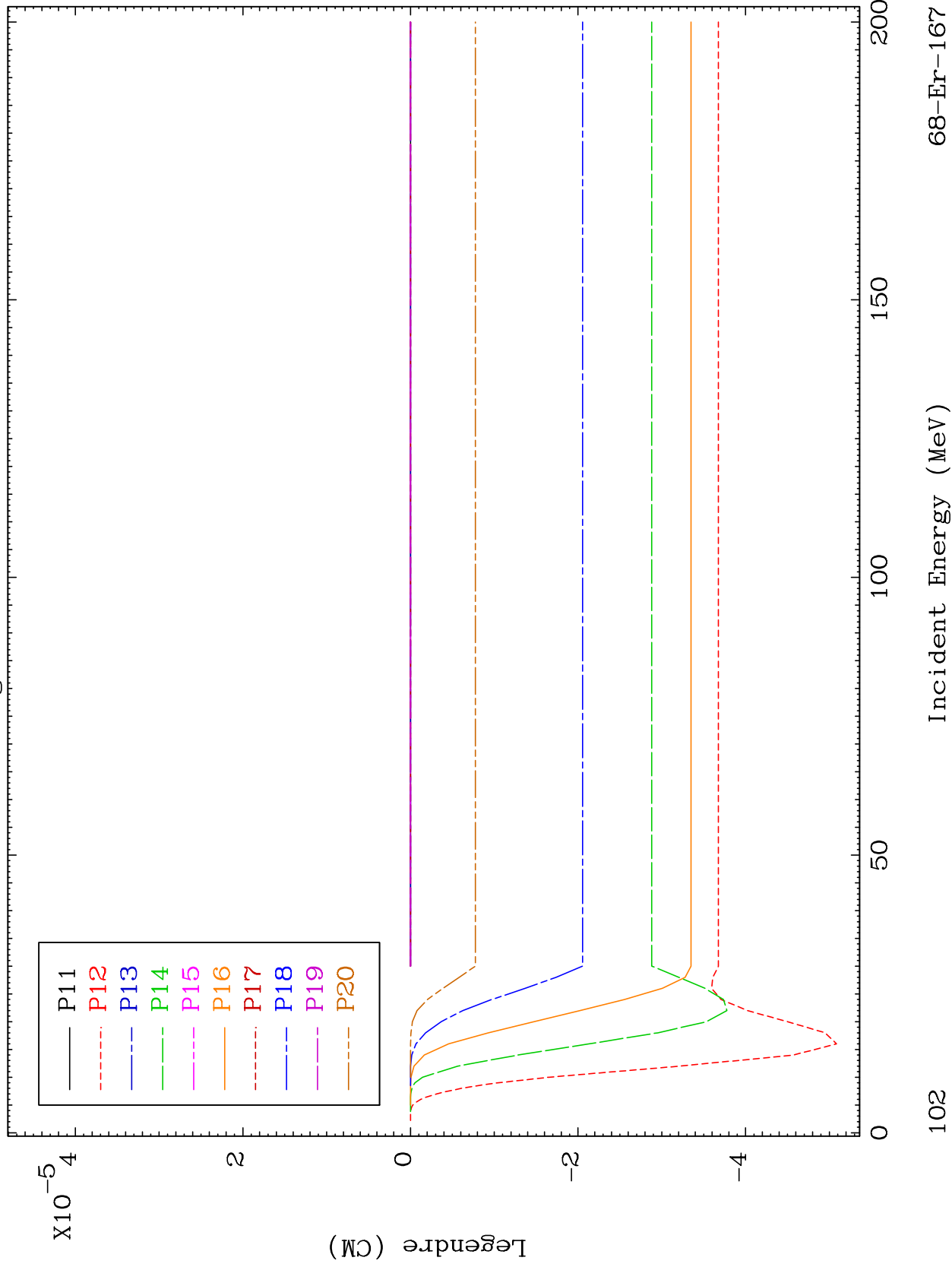


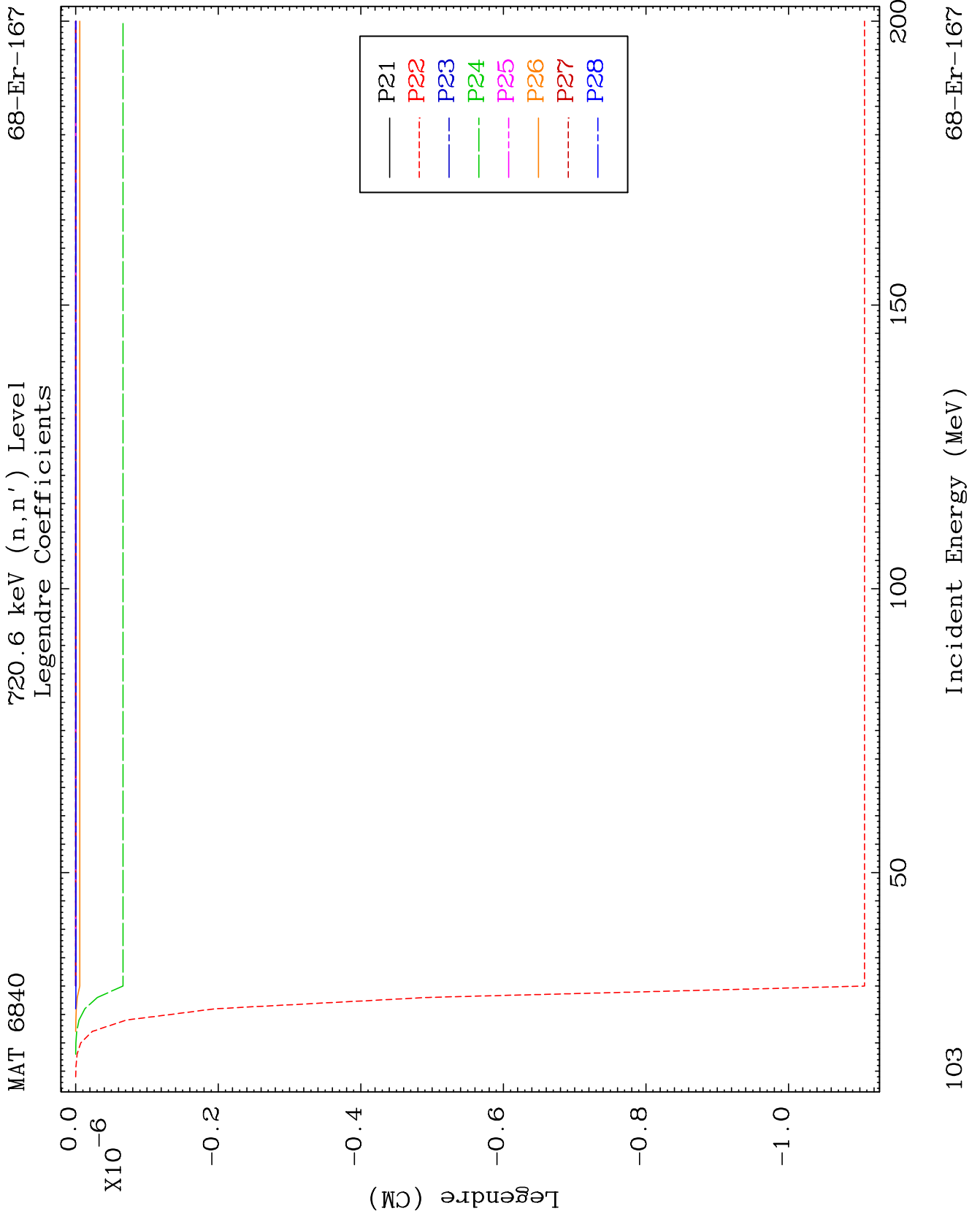


MAT 6840

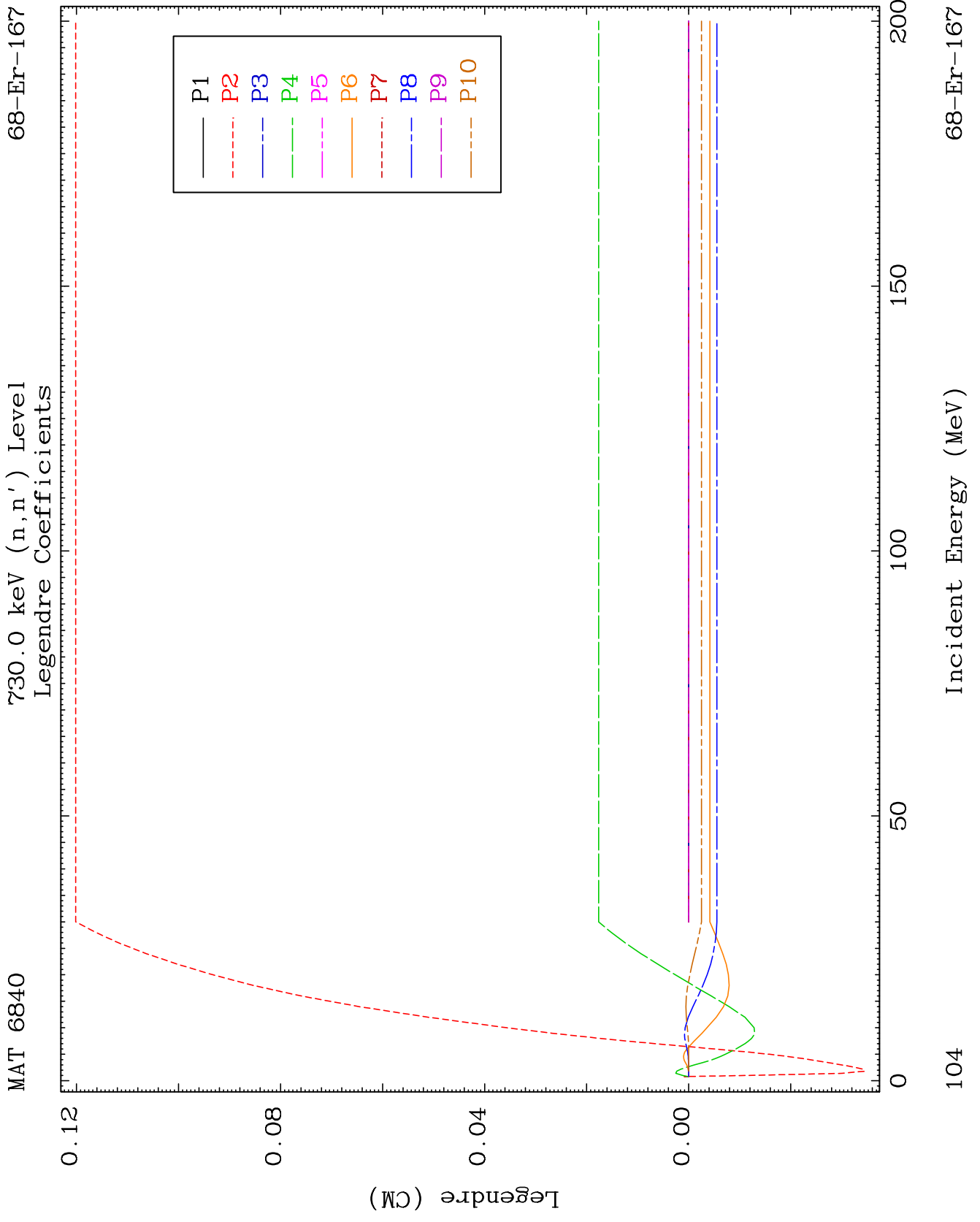
720.6 keV (n,n') Level  
Legendre Coefficients

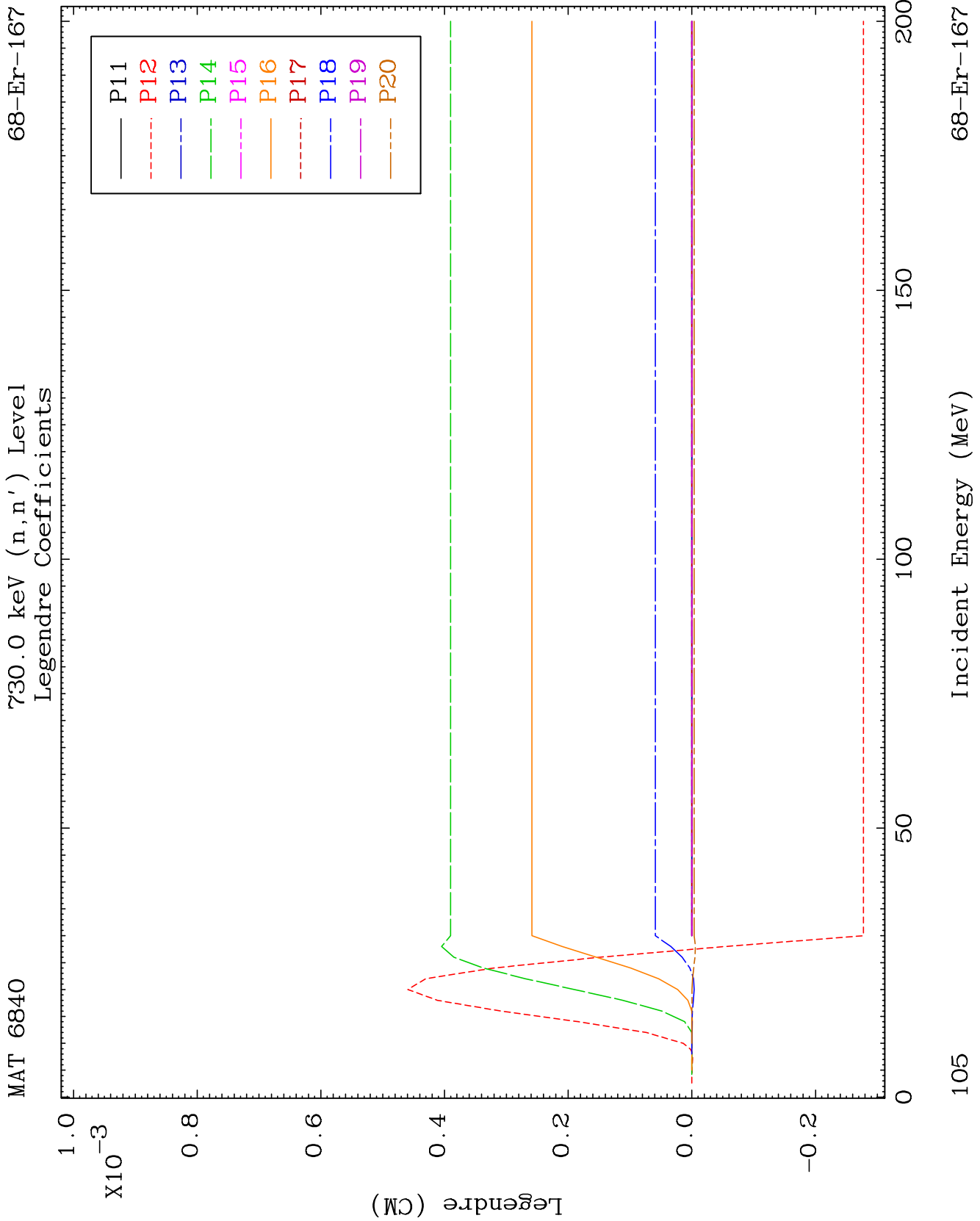
68-Er-167

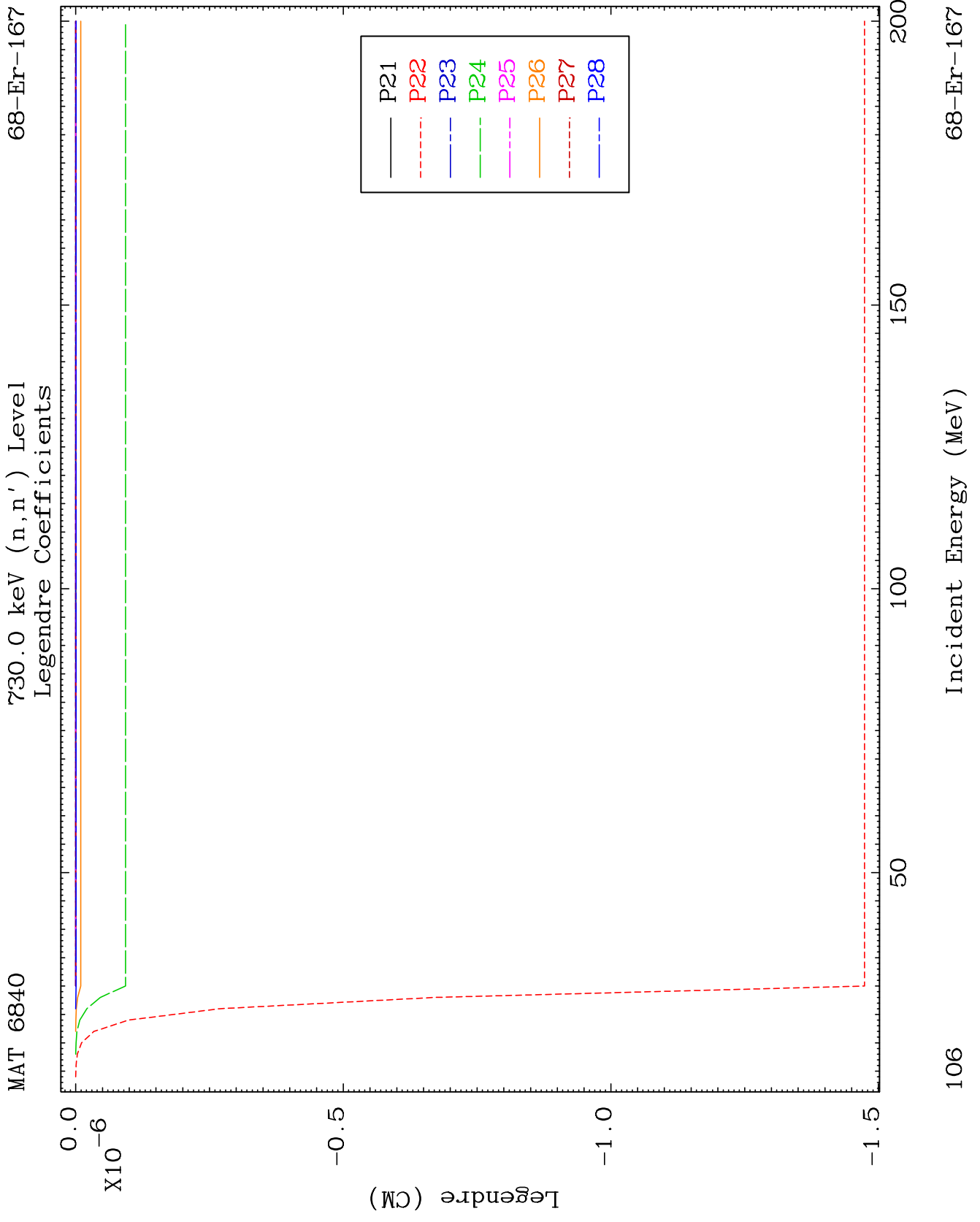








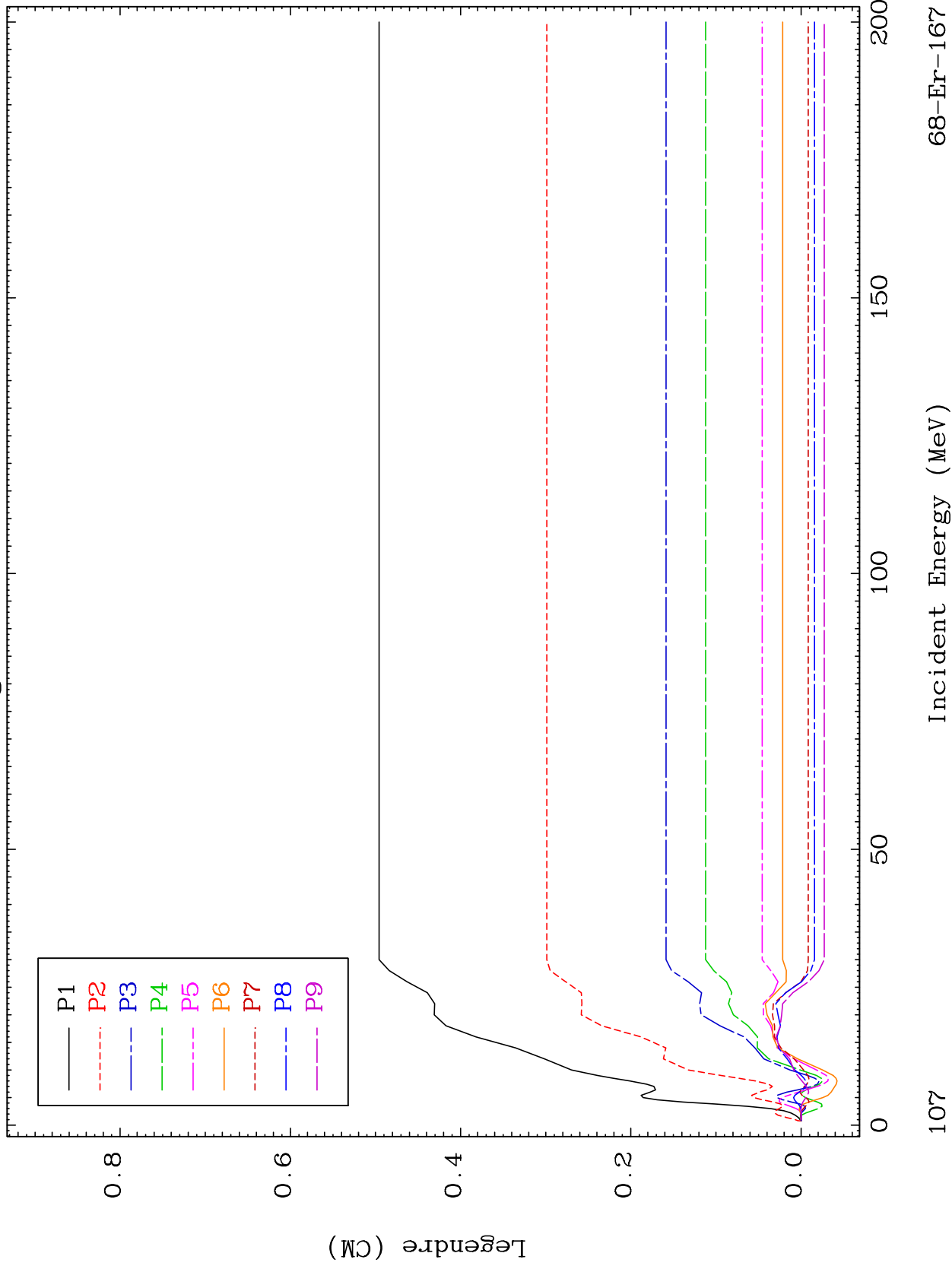




MAT 6840

745.3 keV (n,n') Level  
Legendre Coefficients

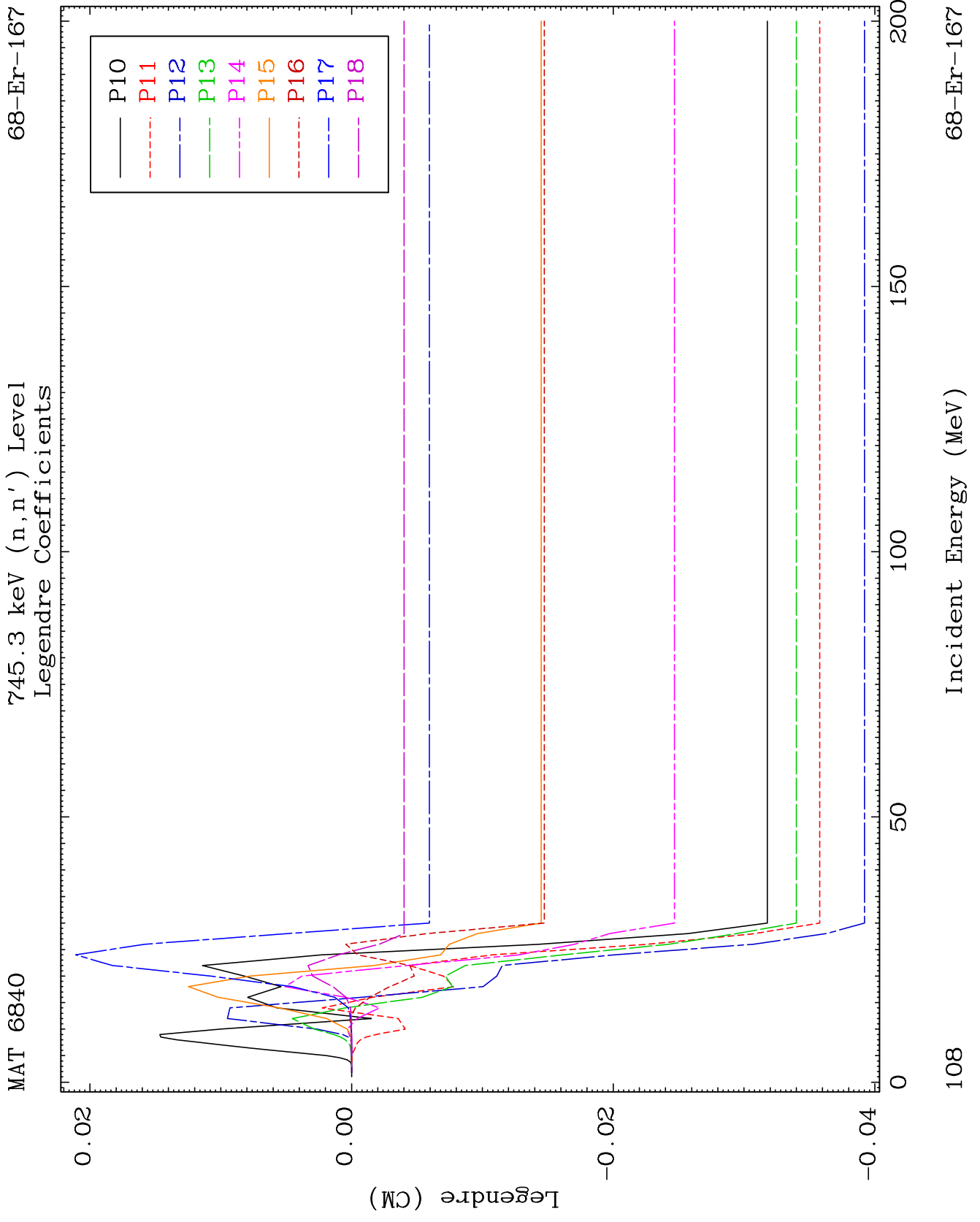
68-Er-167

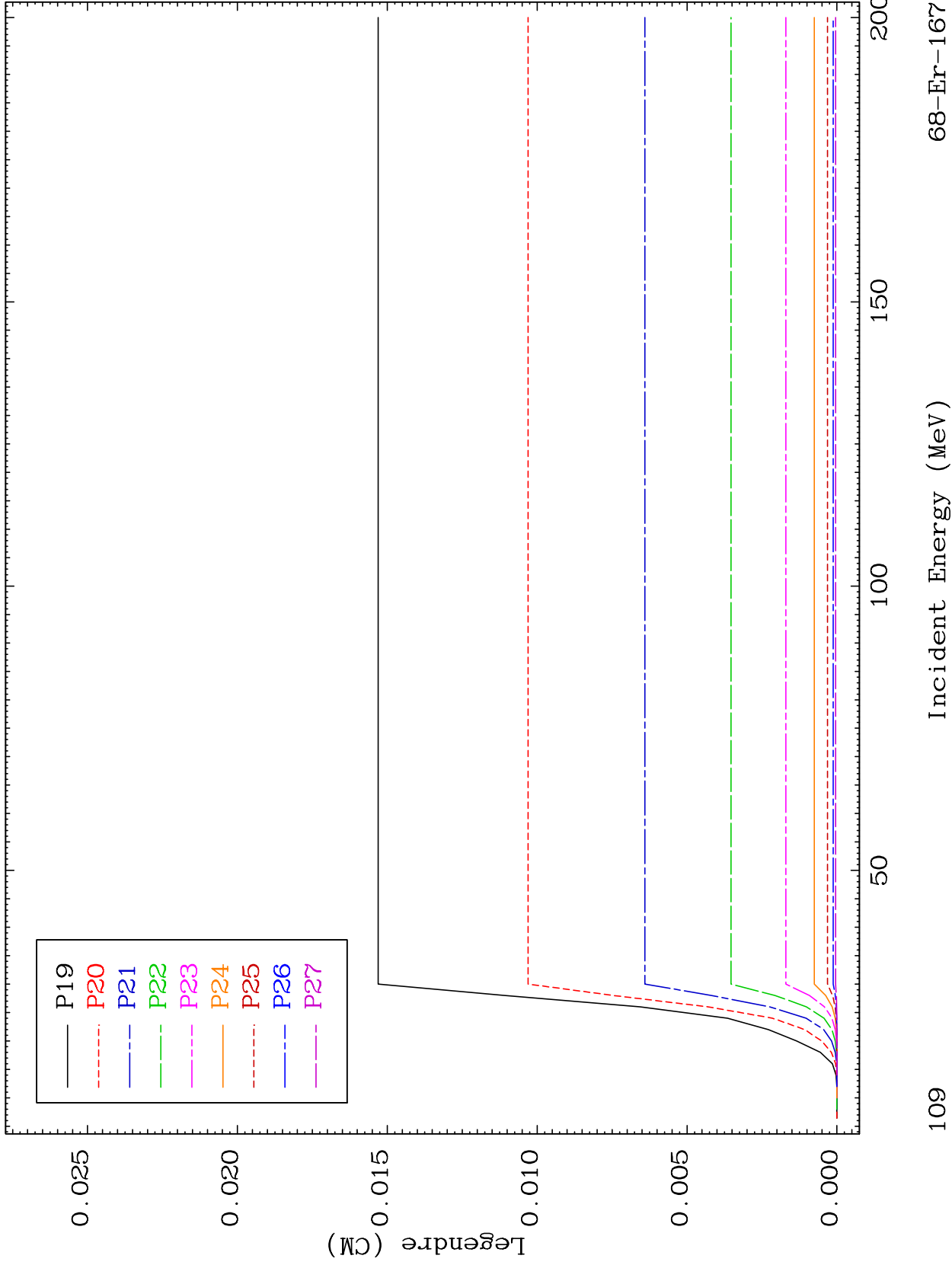


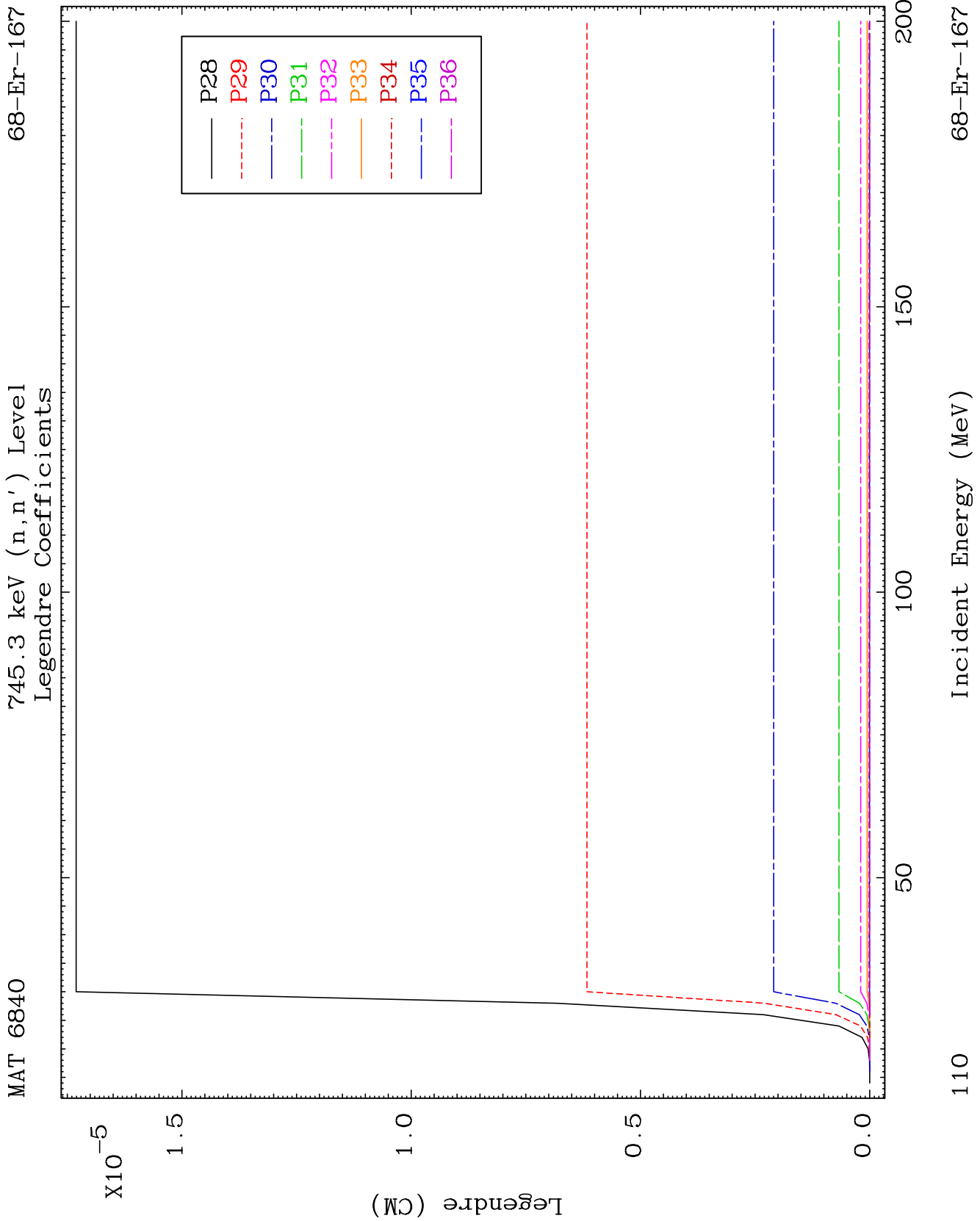
68-Er-167

Incident Energy (MeV)

107

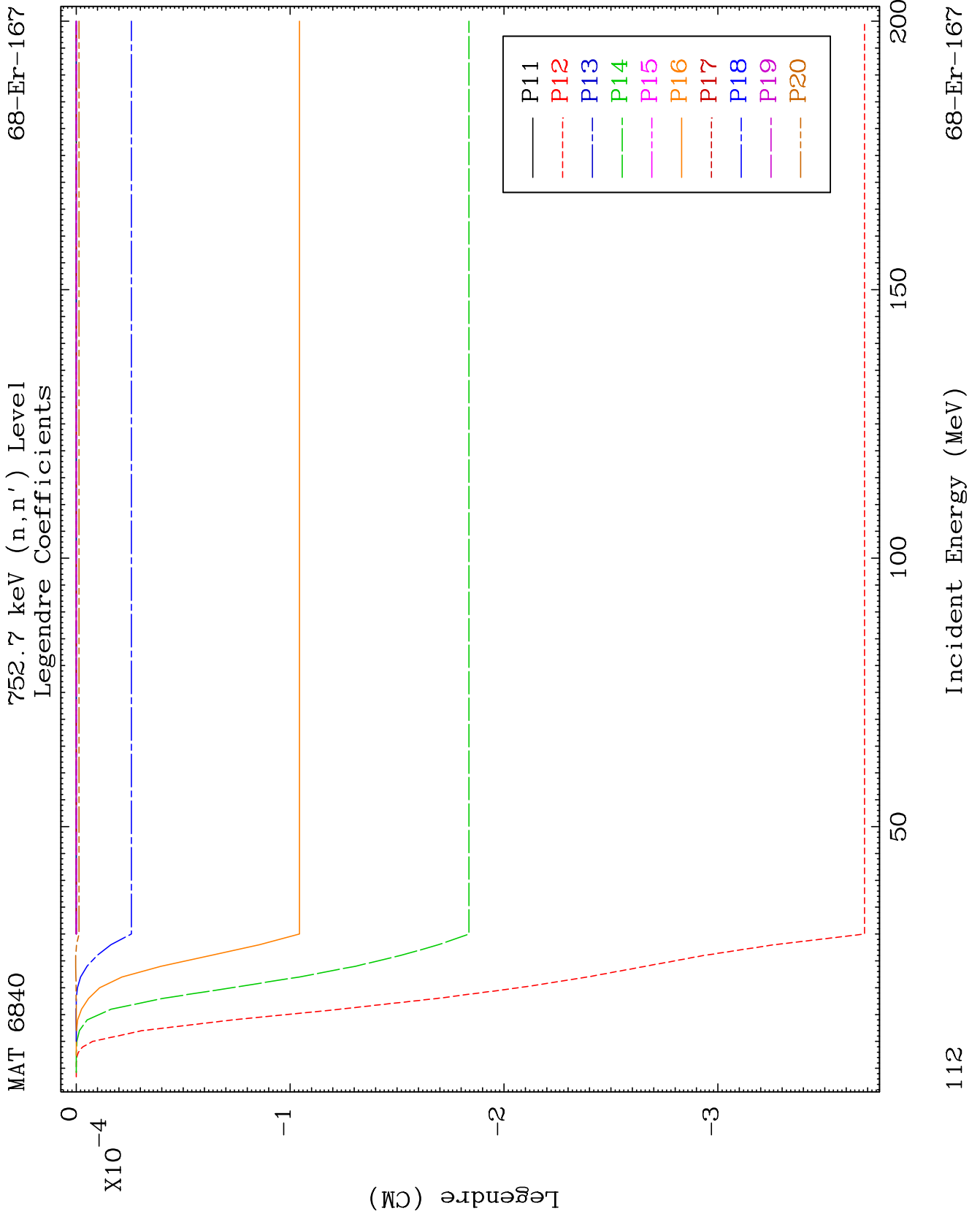


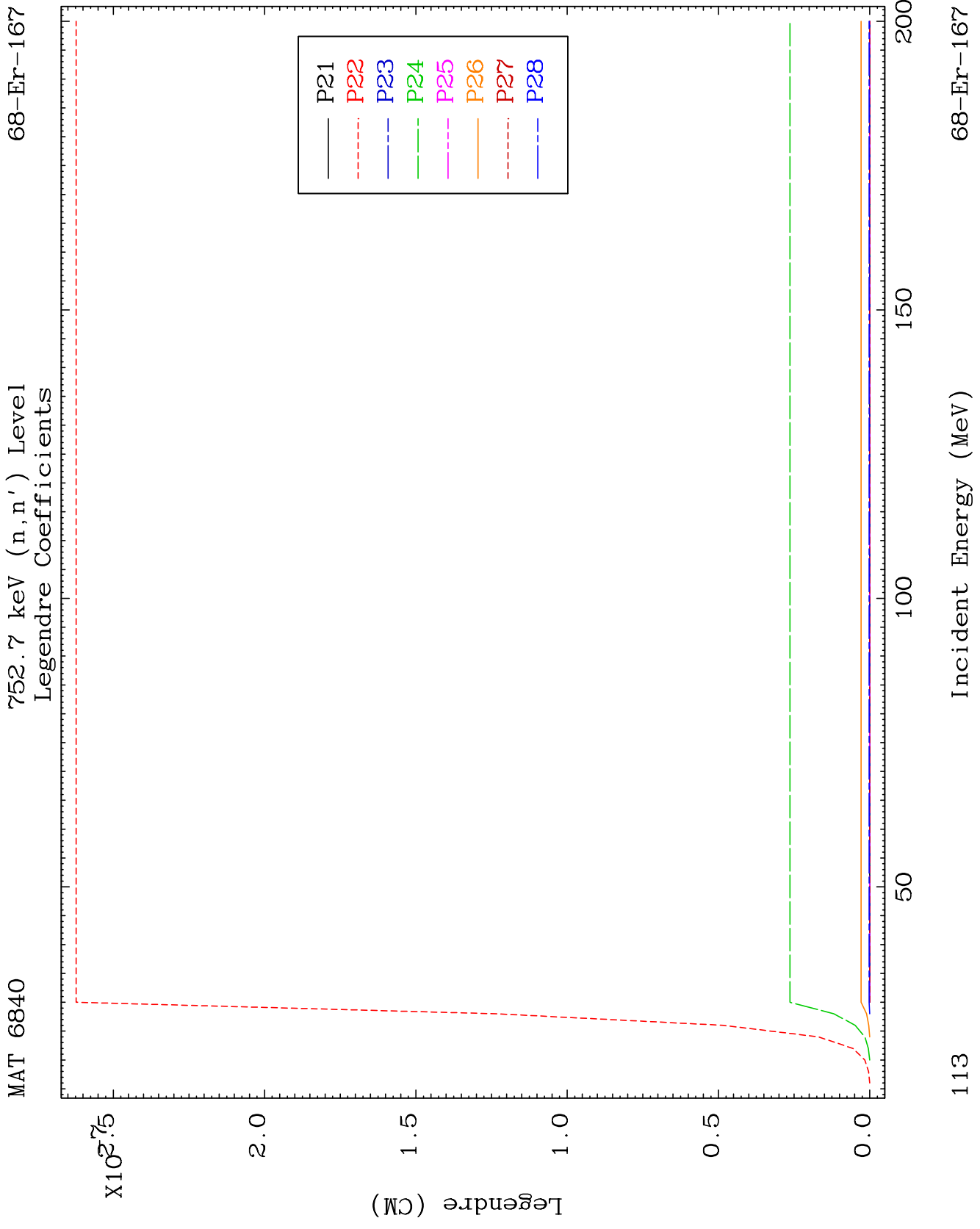


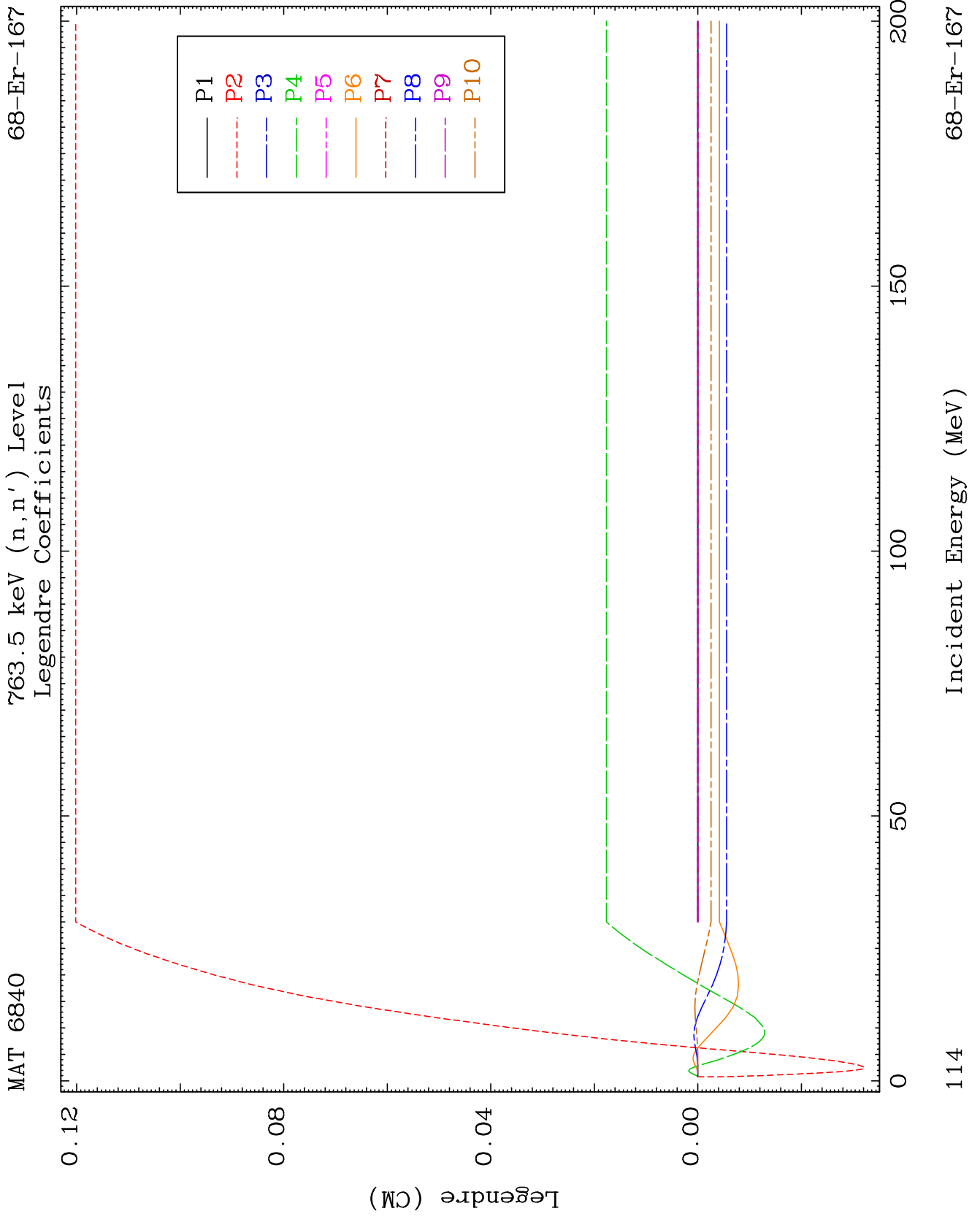








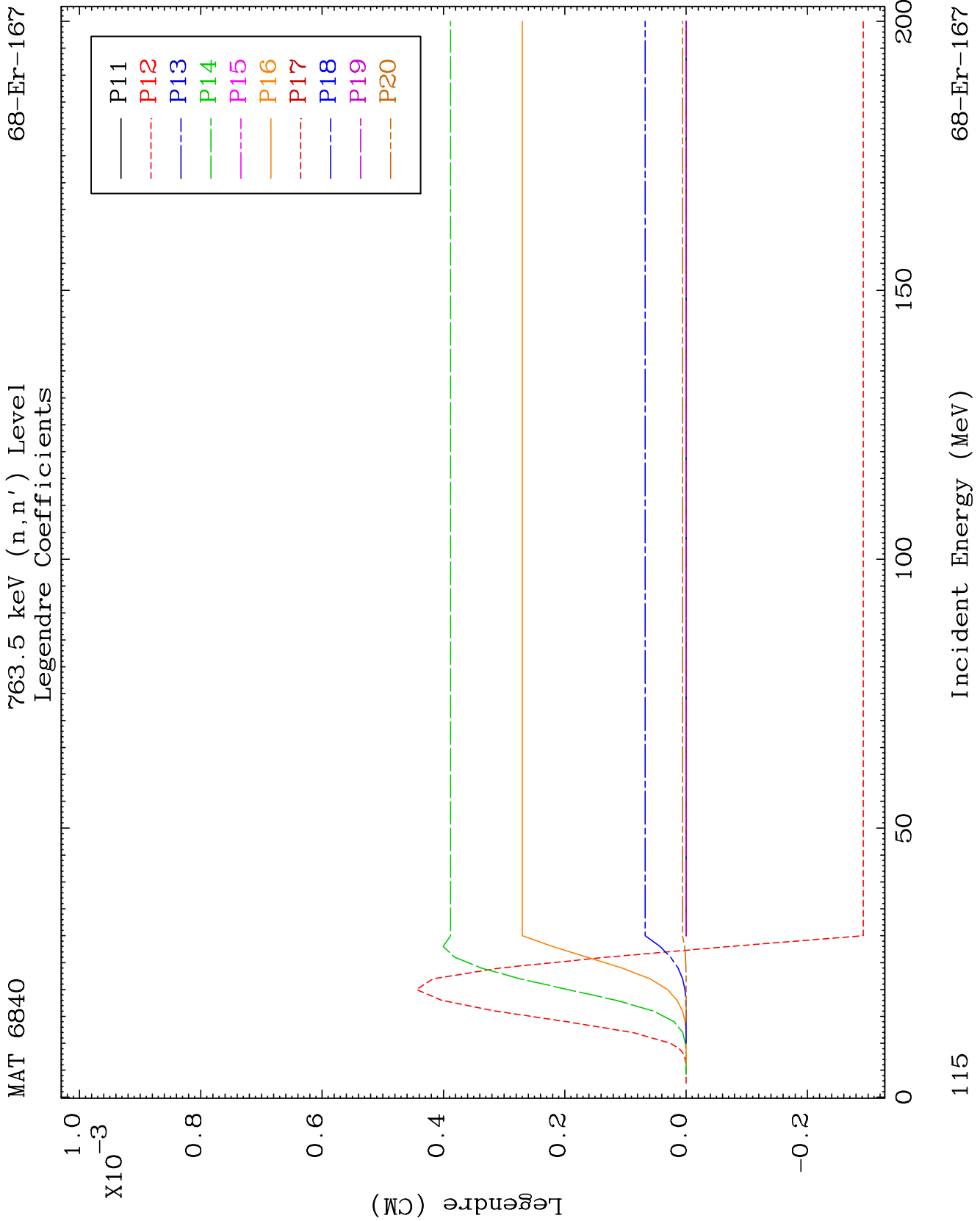


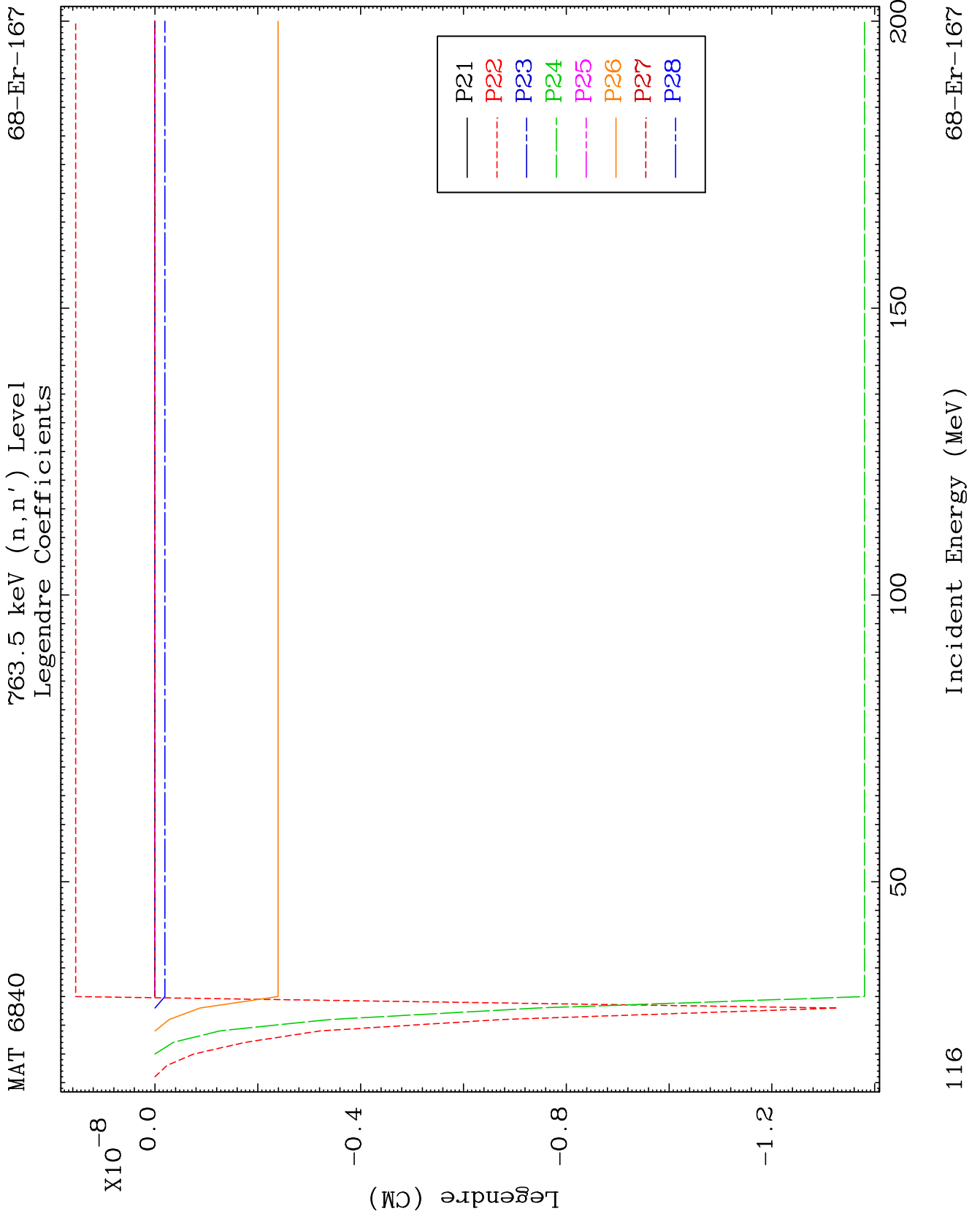


68-Er-167

Incident Energy (MeV)

114

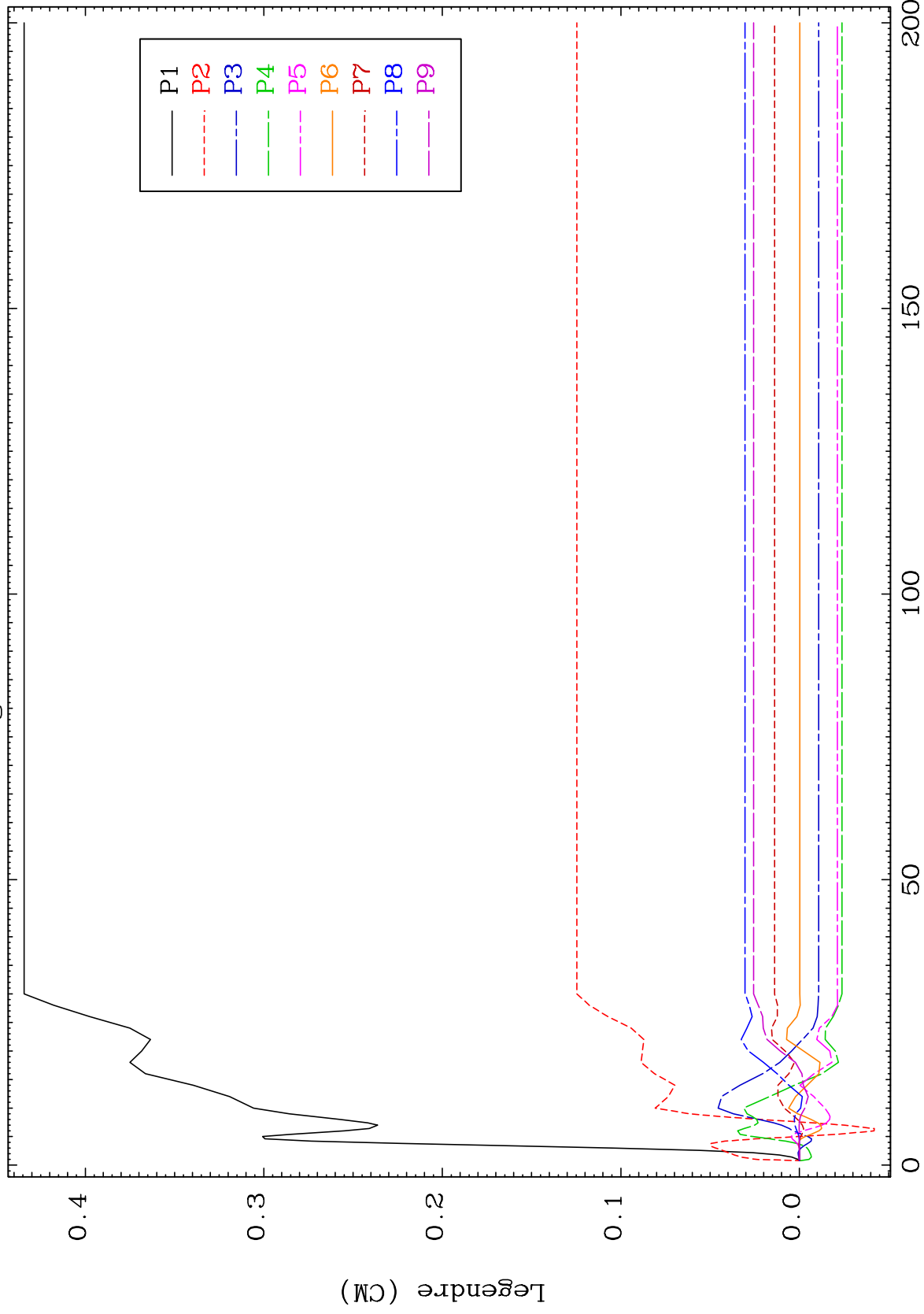




MAT 6840

772.7 keV (n,n') Level  
Legendre Coefficients

68-Er-167



117

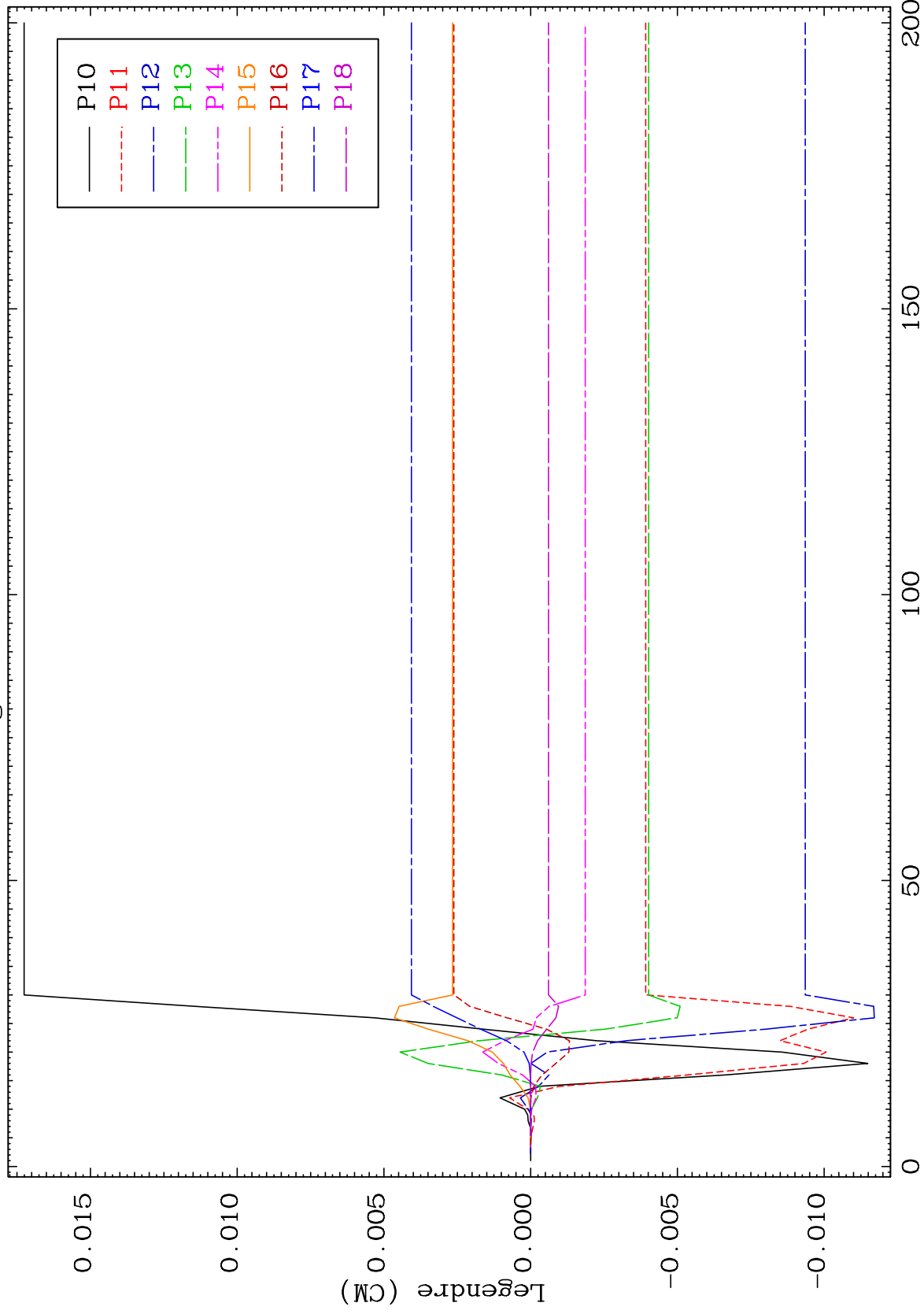
Incident Energy (MeV)

68-Er-167

MAT 6840

772.7 keV (n,n') Level  
Legendre Coefficients

68-Er-167



68-Er-167

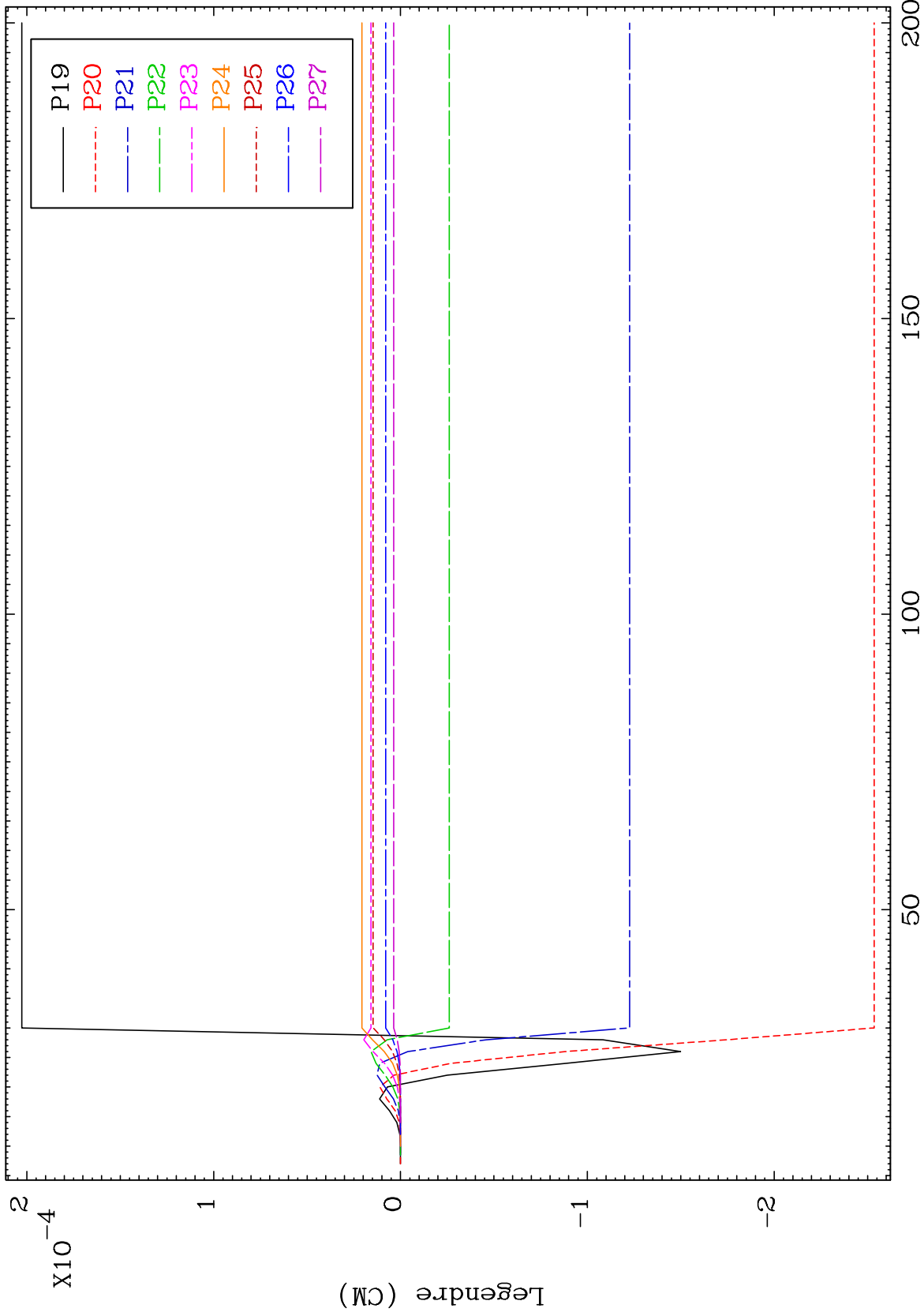
Incident Energy (MeV)

118

MAT 6840

772.7 keV (n,n') Level  
Legendre Coefficients

68-Er-167

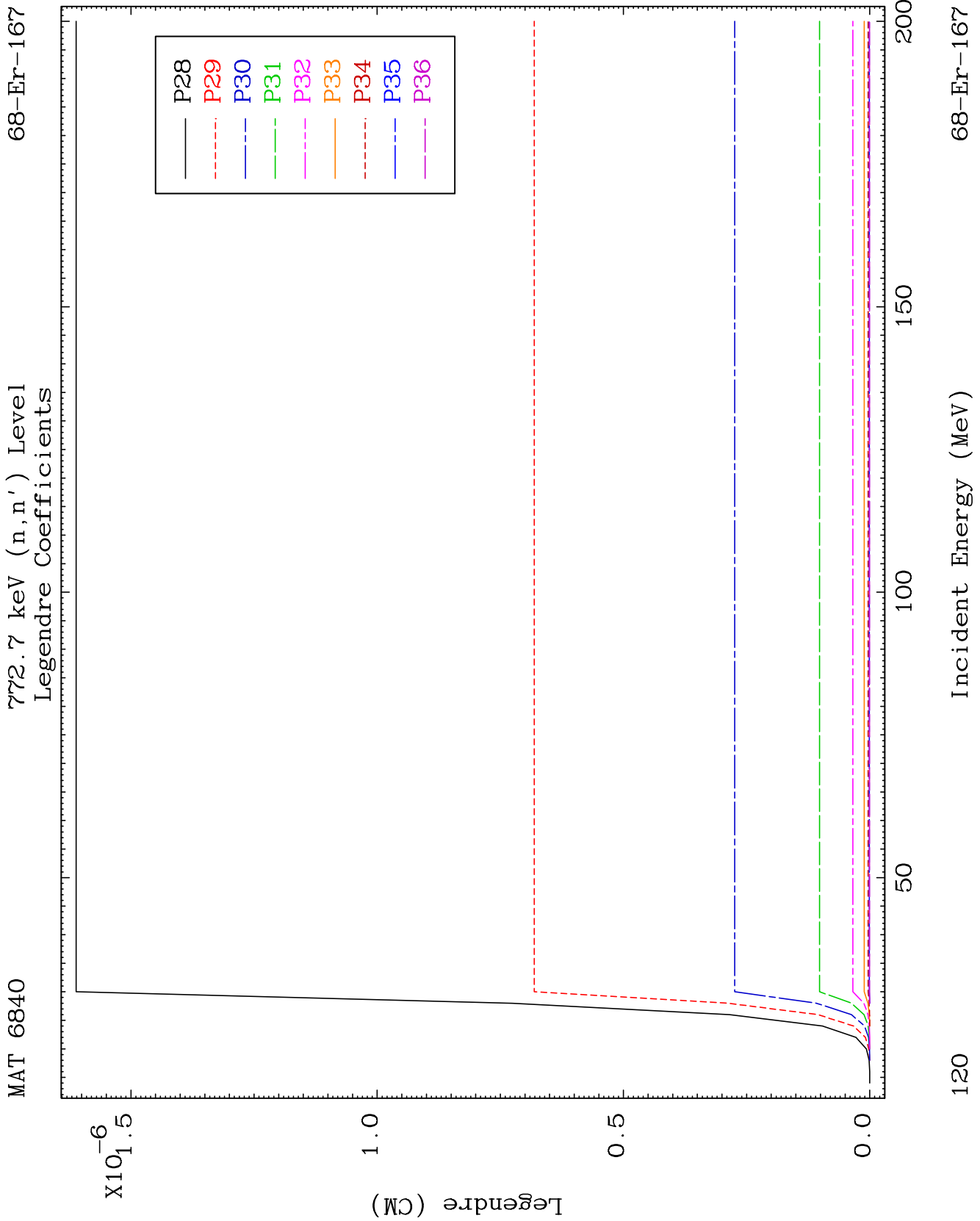


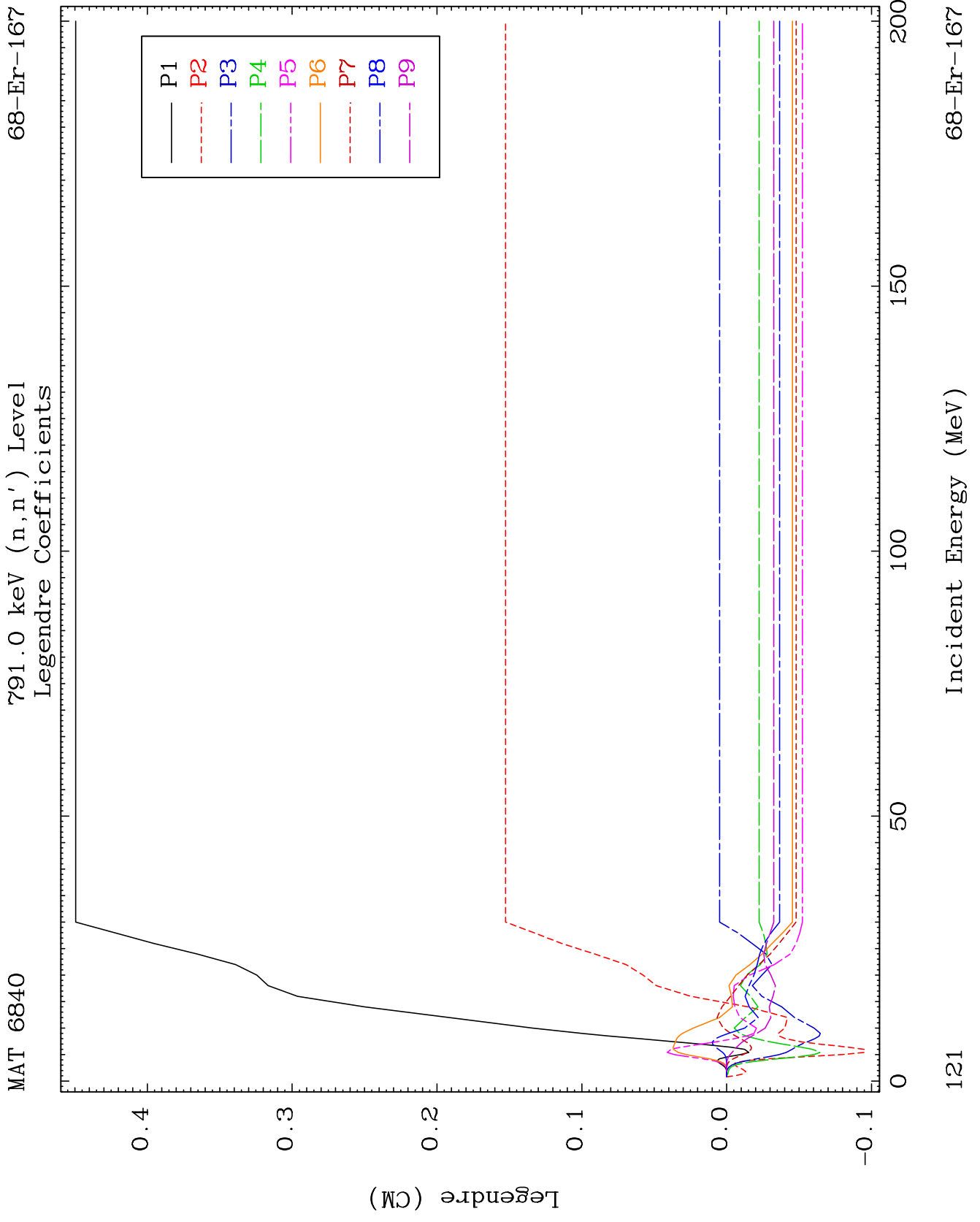
119

Incident Energy (MeV)

68-Er-167



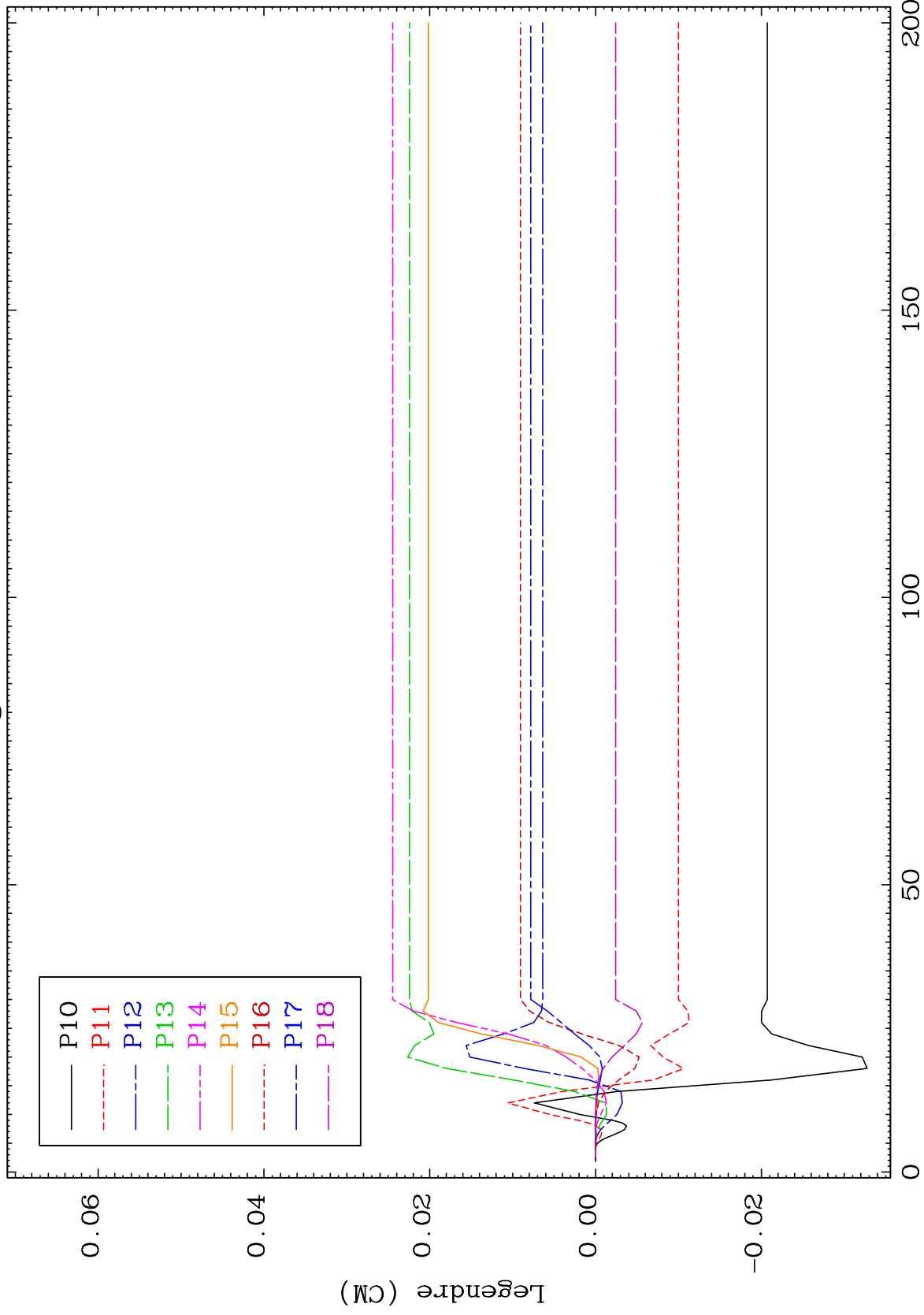




MAT 6840

791.0 keV (n,n') Level  
Legendre Coefficients

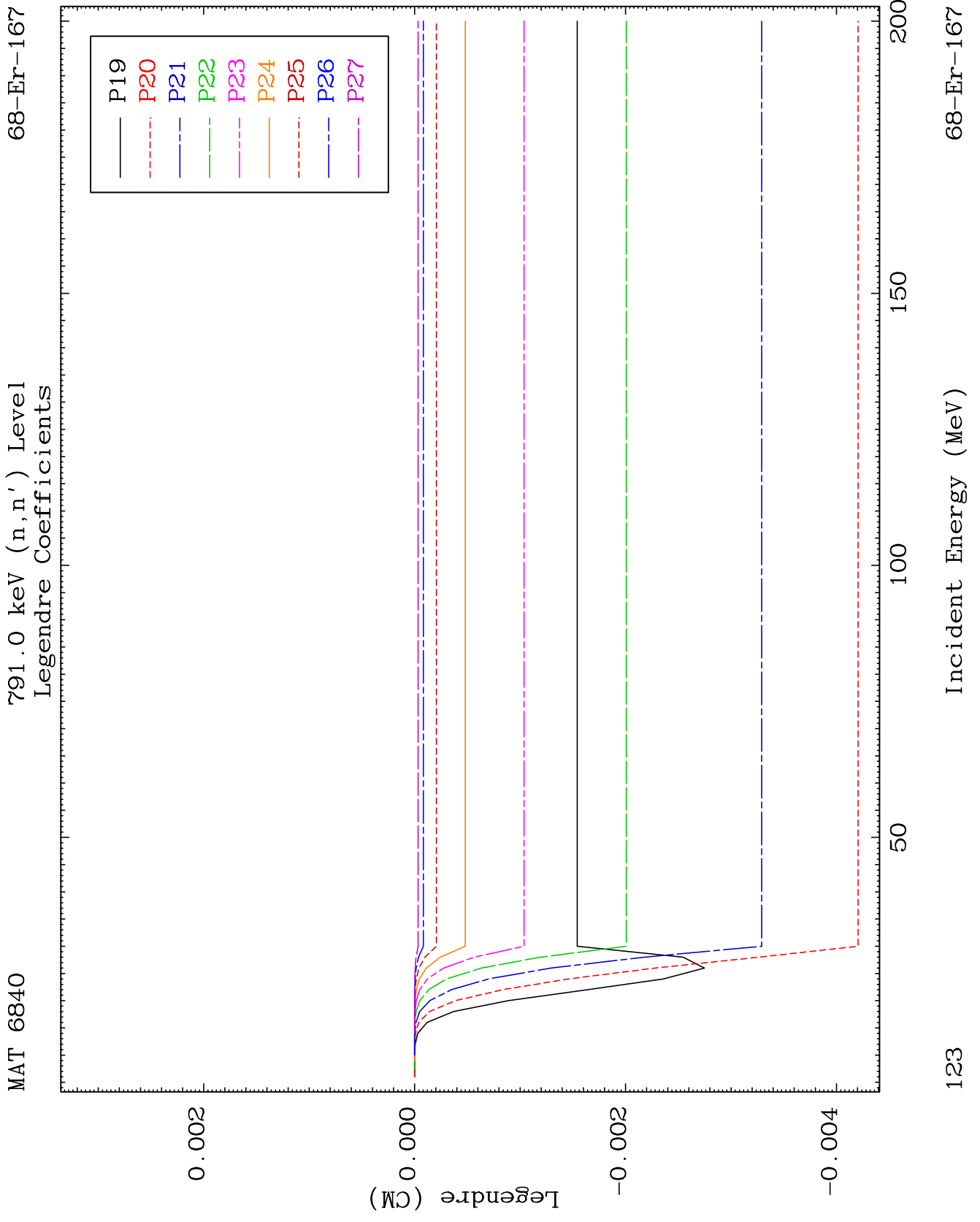
68-Er-167

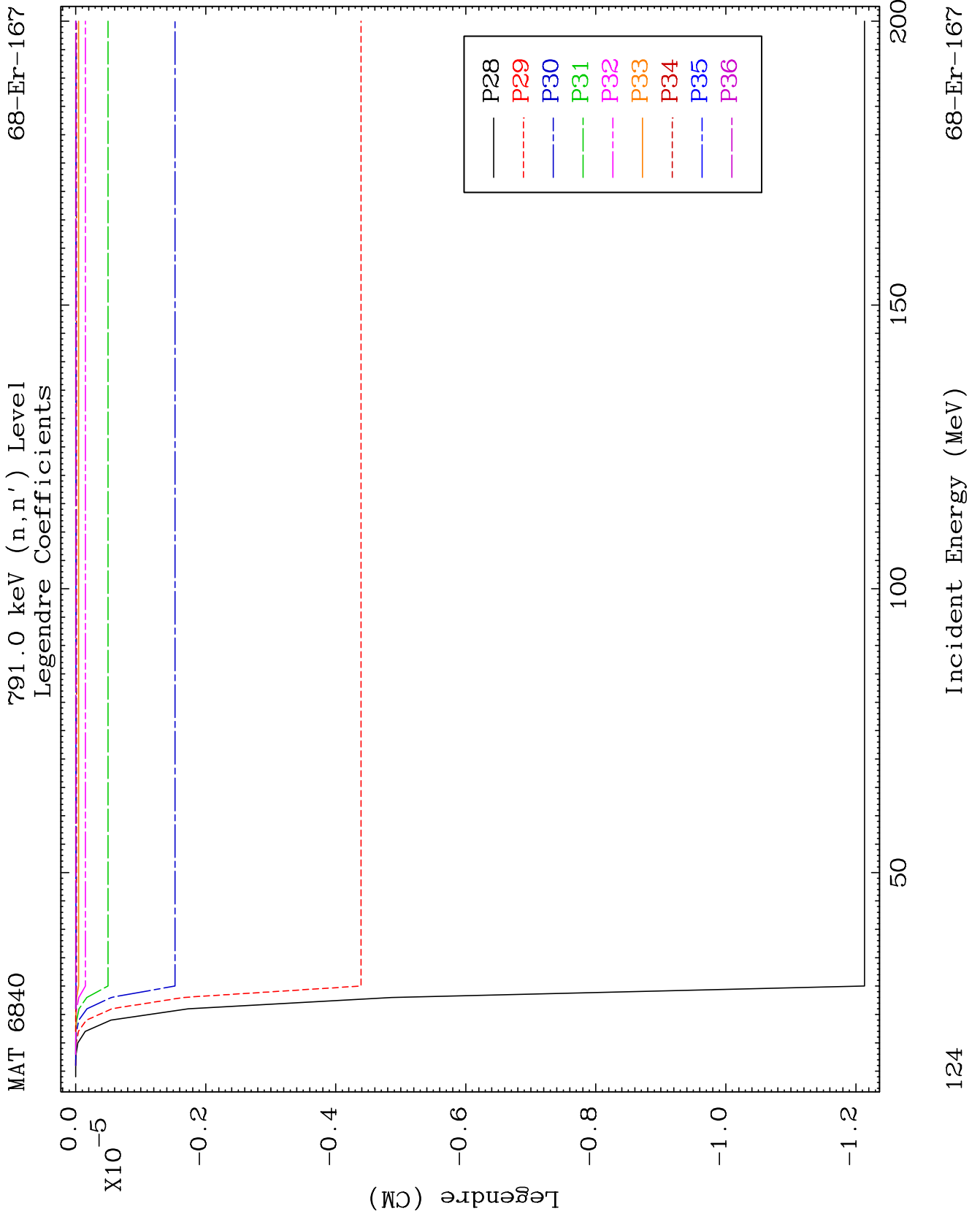


122

Incident Energy (MeV)

68-Er-167

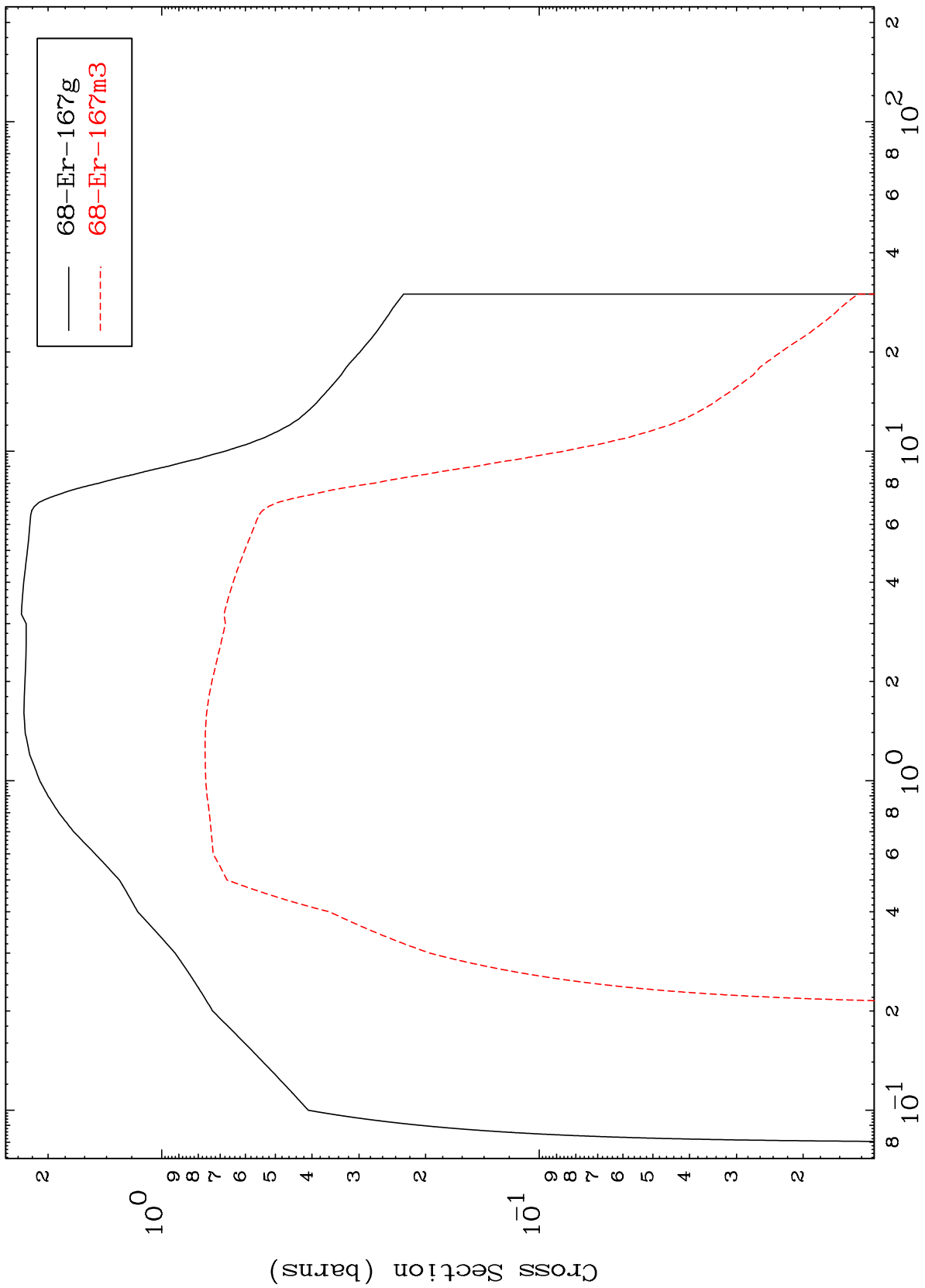




MAT 6840

68-Er-167

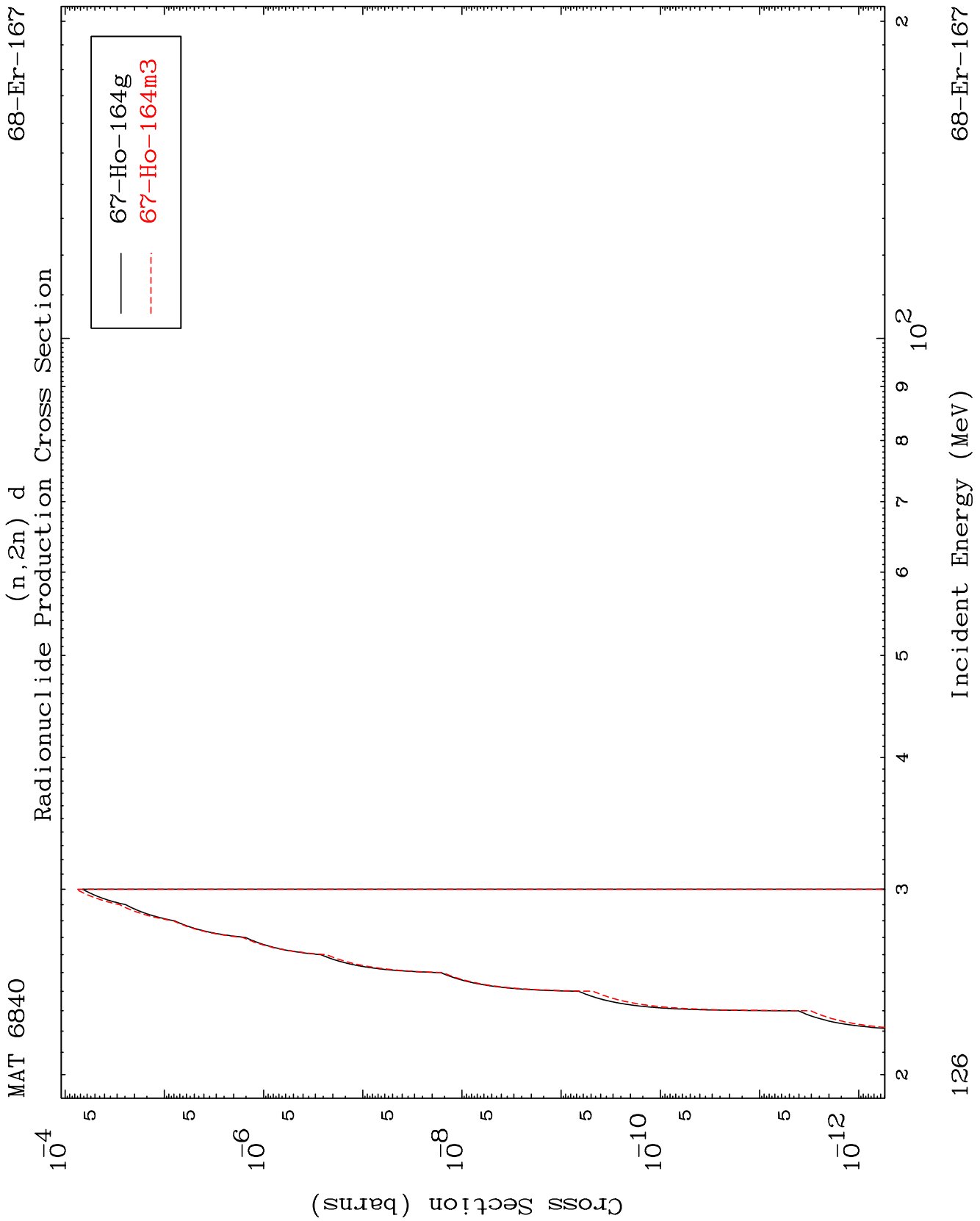
### Inelastic Radionuclide Production Cross Section



68-Er-167

Incident Energy (MeV)

125

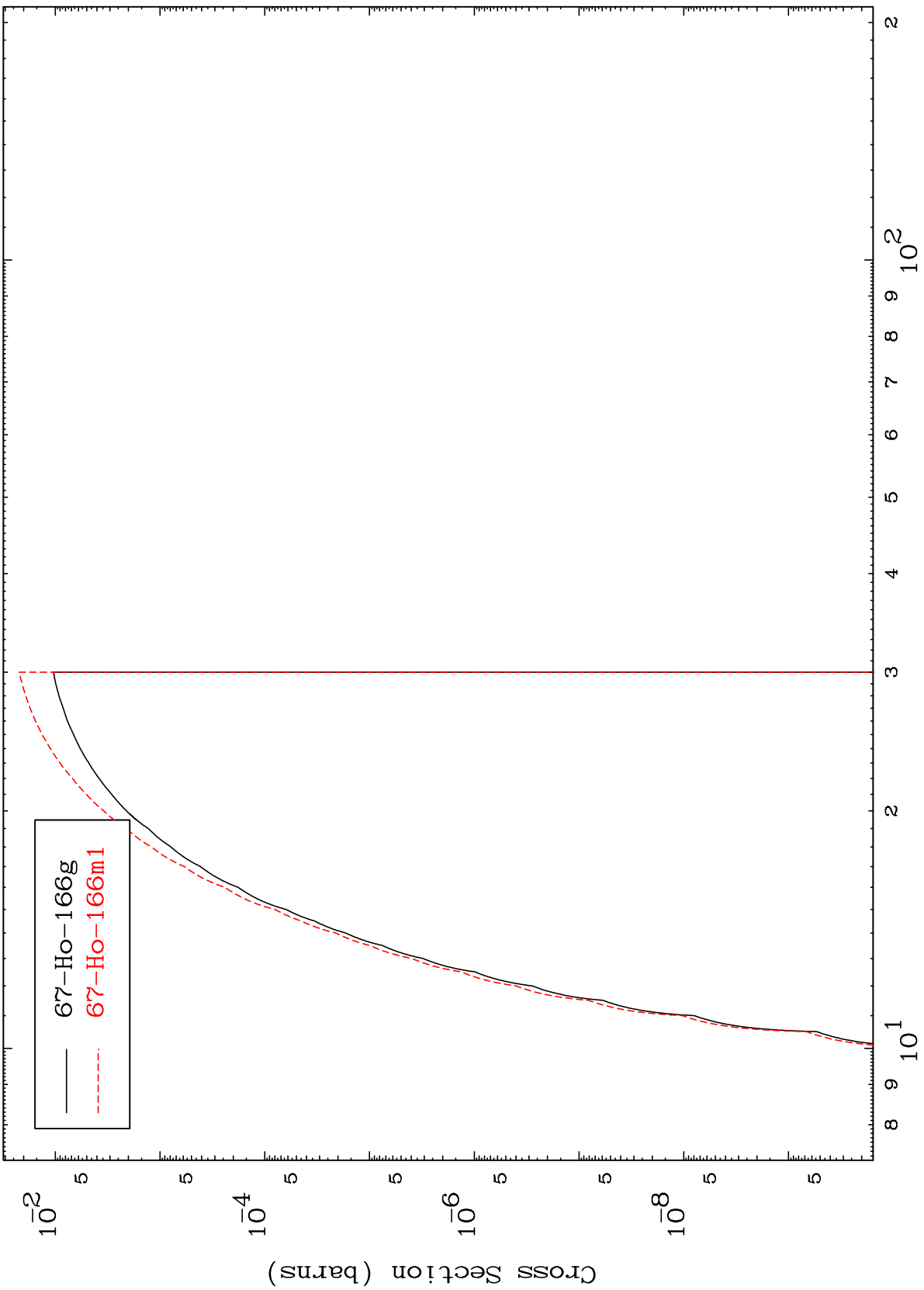


MAT 6840

(n,n') p

68-Er-167

Radionuclide Production Cross Section



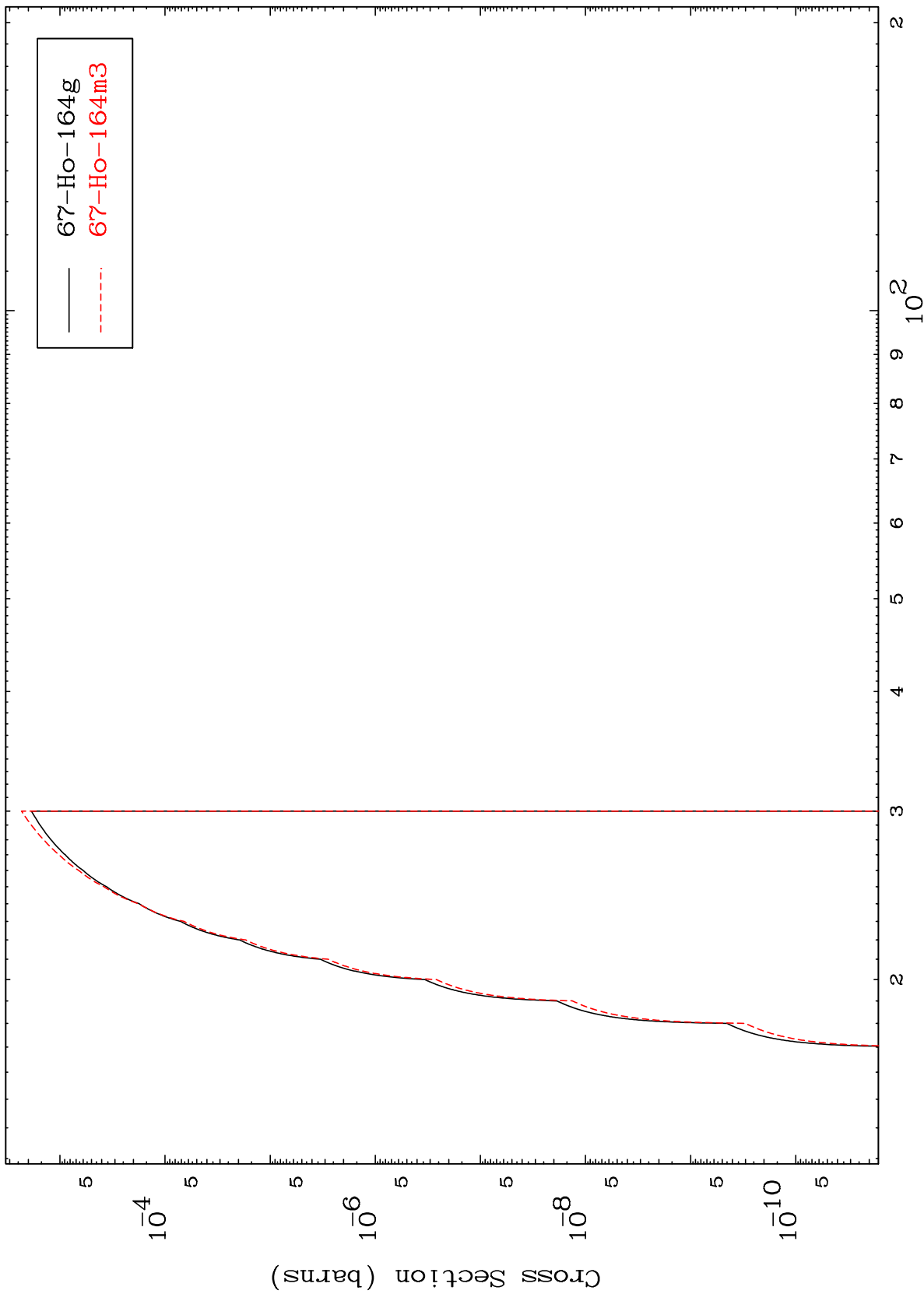
127

Incident Energy (MeV)

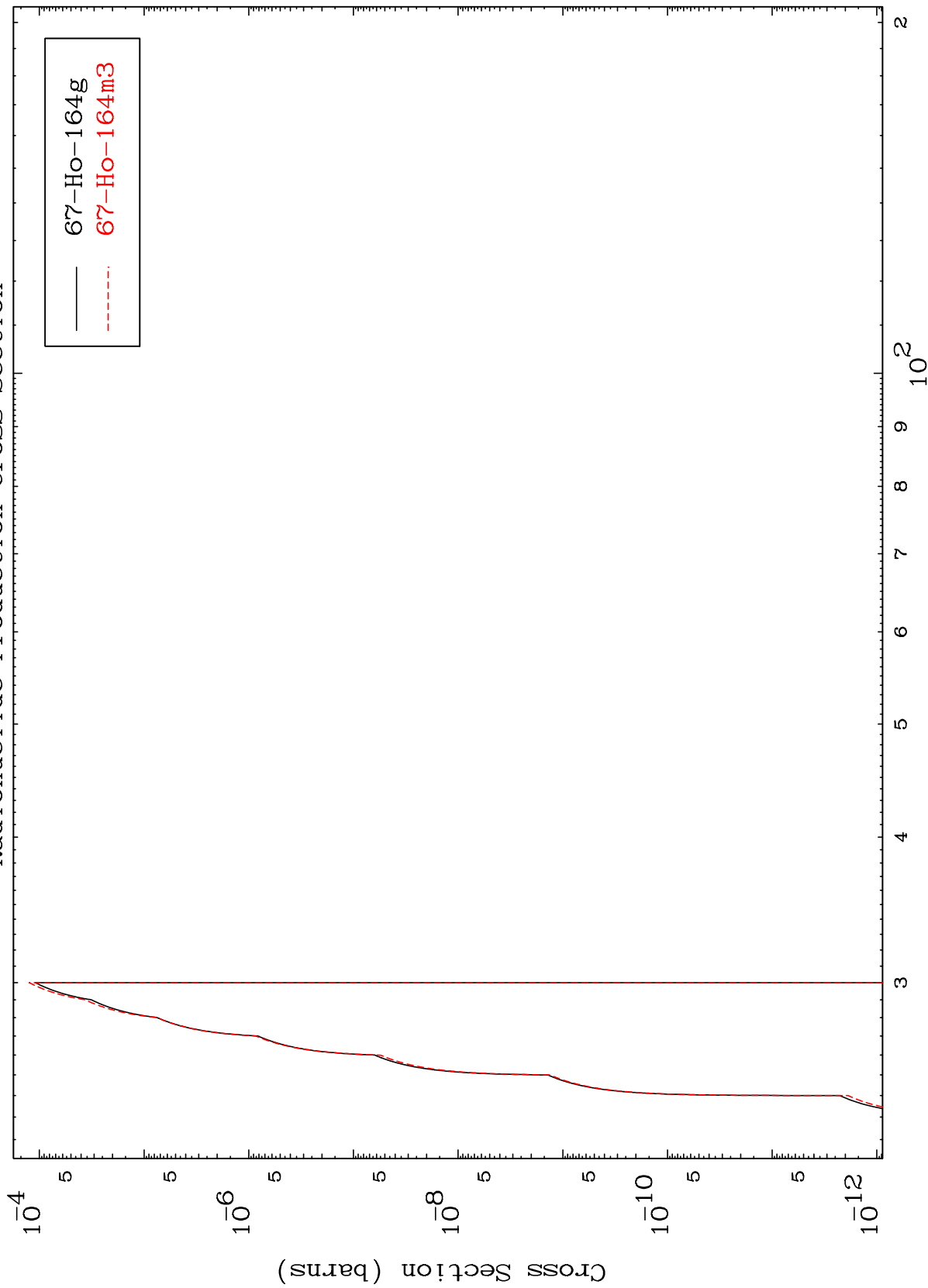
68-Er-167



Radionuclide Production Cross Section



Radionuclide Production Cross Section

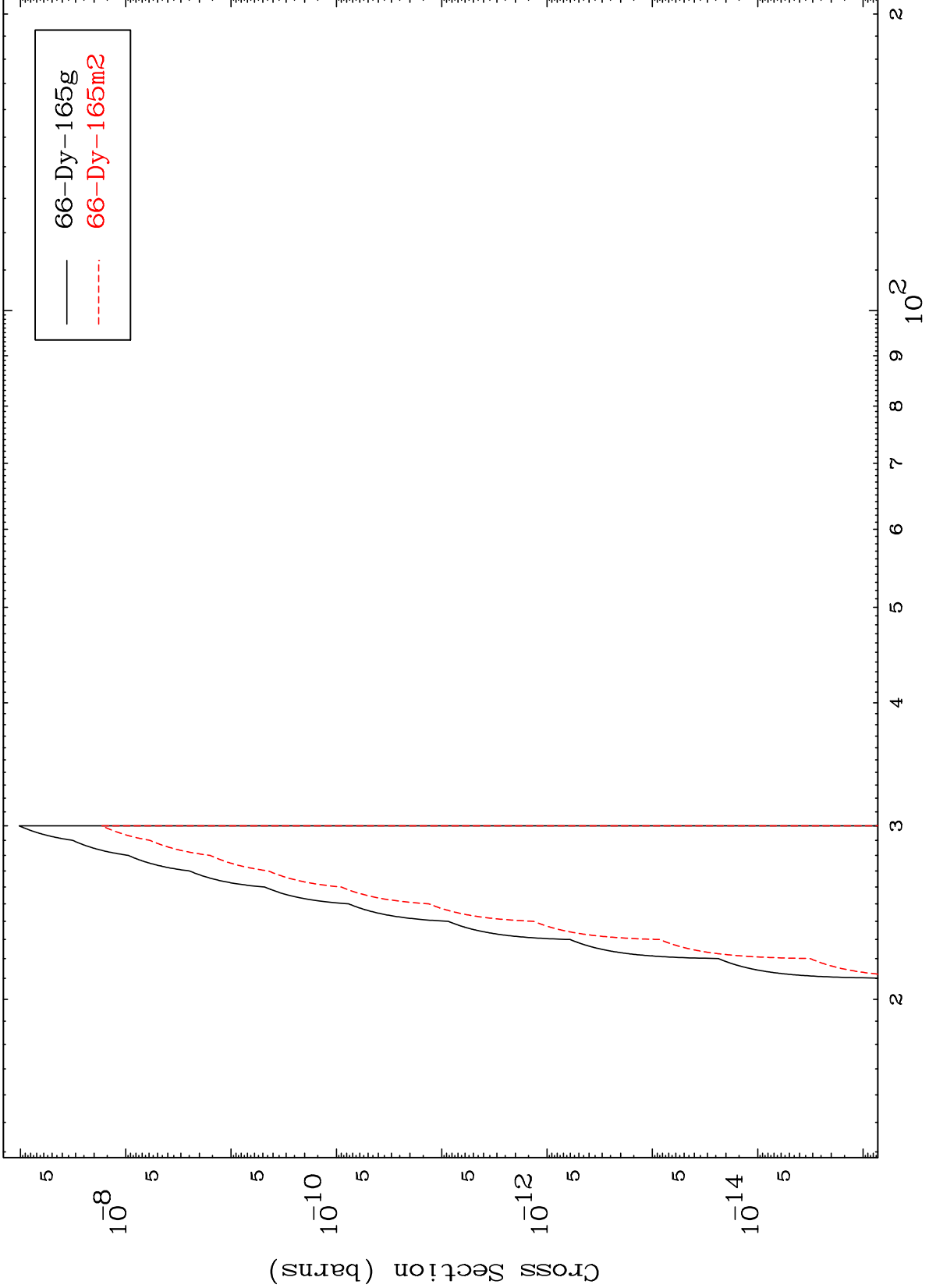


MAT 6840

(n,2n) p

68-Er-167

Radionuclide Production Cross Section



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

130

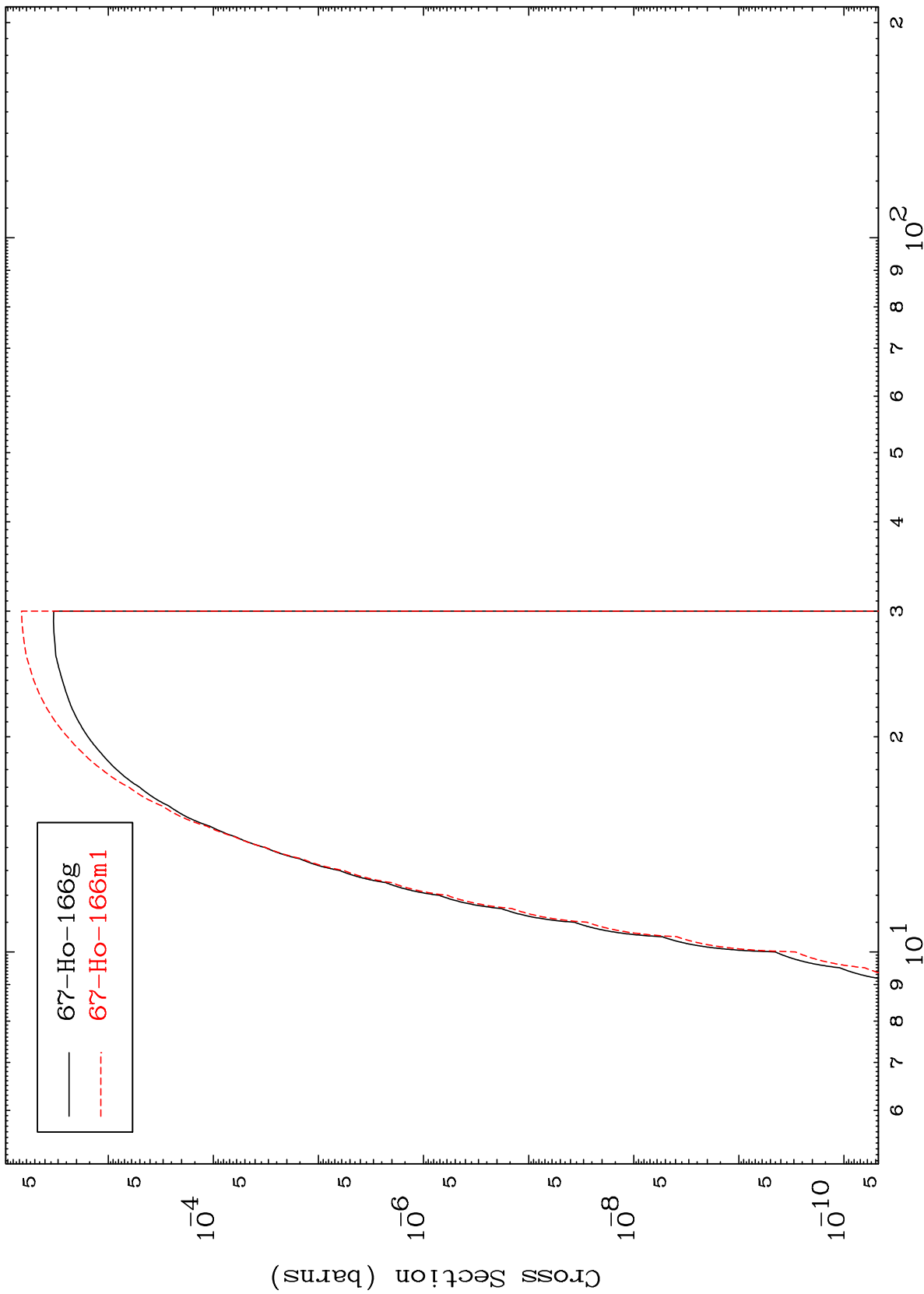
Incident Energy (MeV)

68-Er-167

MAT 6840

68-Er-167

(n,d)  
Radionuclide Production Cross Section



131

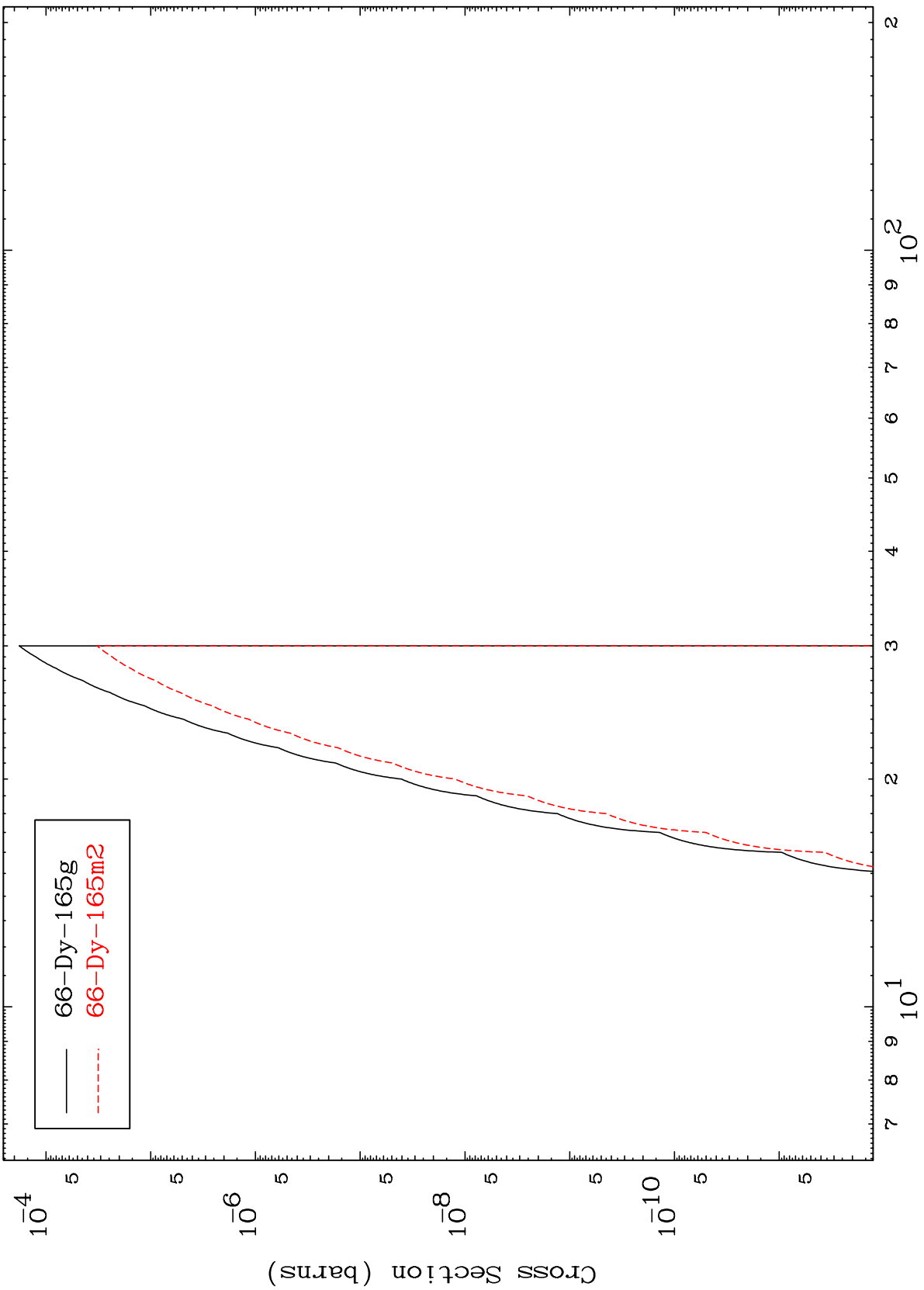
Incident Energy (MeV)

68-Er-167

MAT 6840

68-Er-167

Radionuclide Production Cross Section  
(n,He-3)



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

132

Incident Energy (MeV)

68-Er-167