

Program EVALPLOT  
(Version 2017-1)

by

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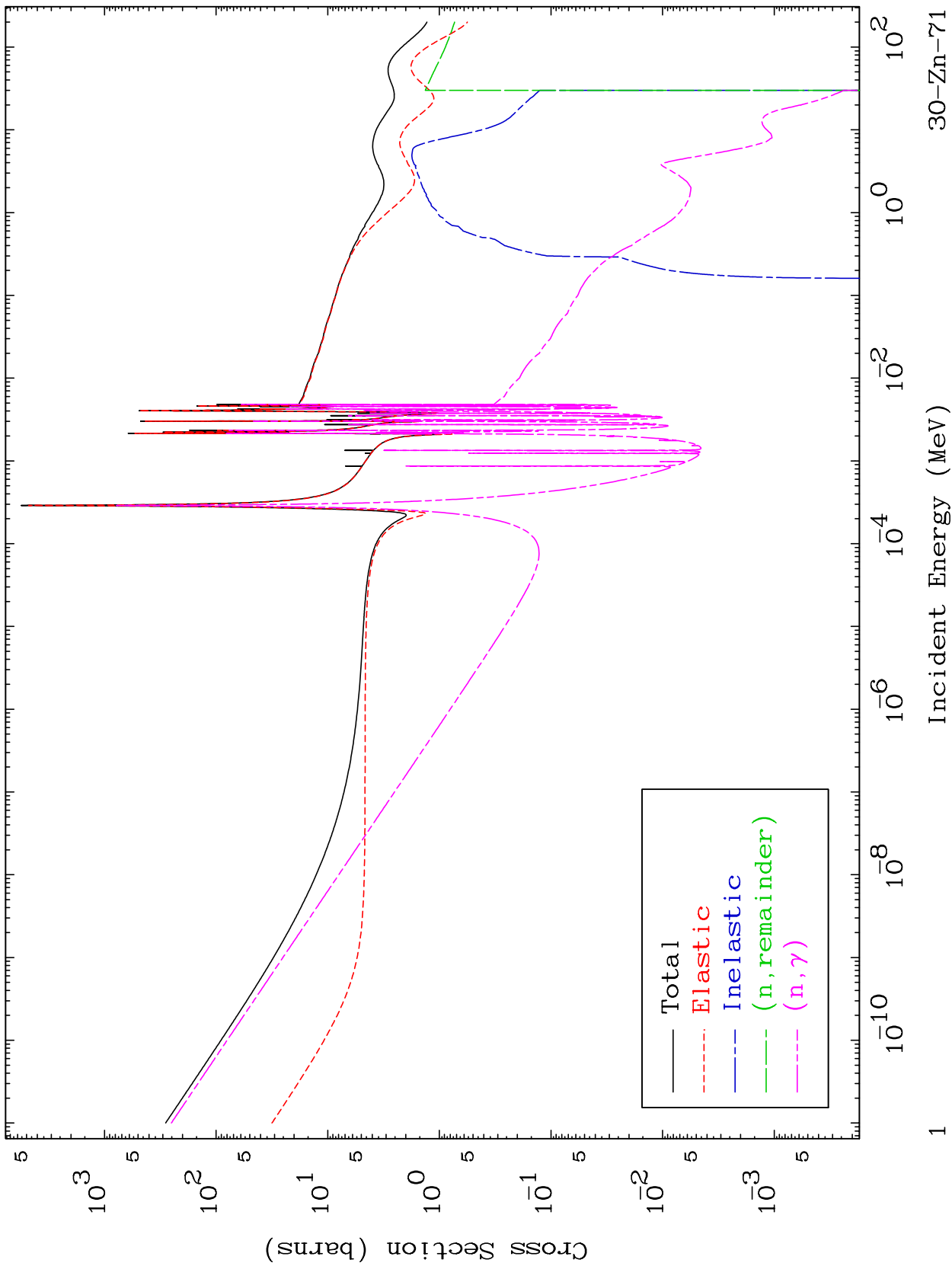
Press Mouse Button to Start

MAT 3046

Major

293 Kelvin Cross Sections

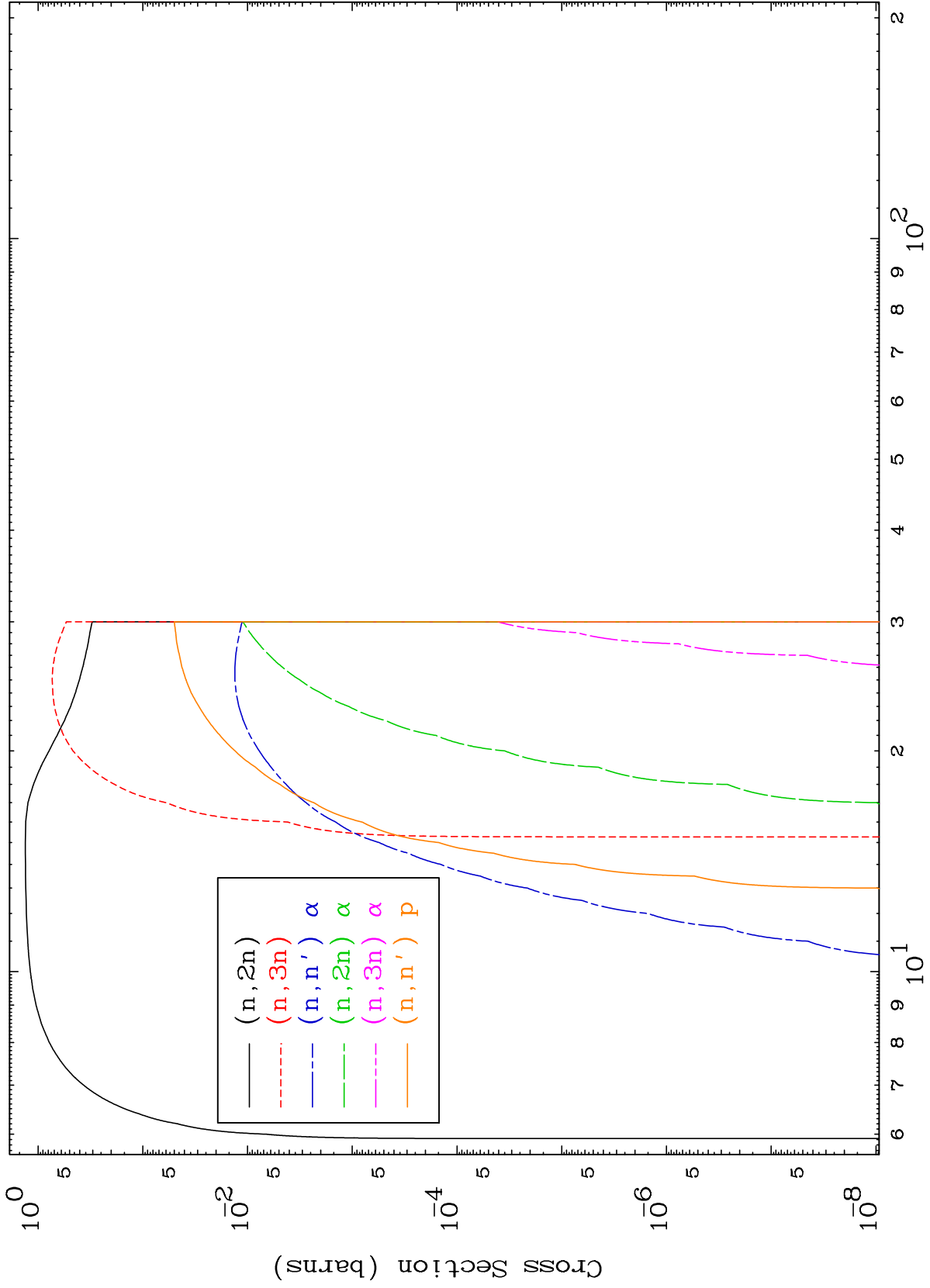
30-Zn-71



MAT 3046

Neutron Production  
293 Kelvin Cross Sections

30-Zn-71



2

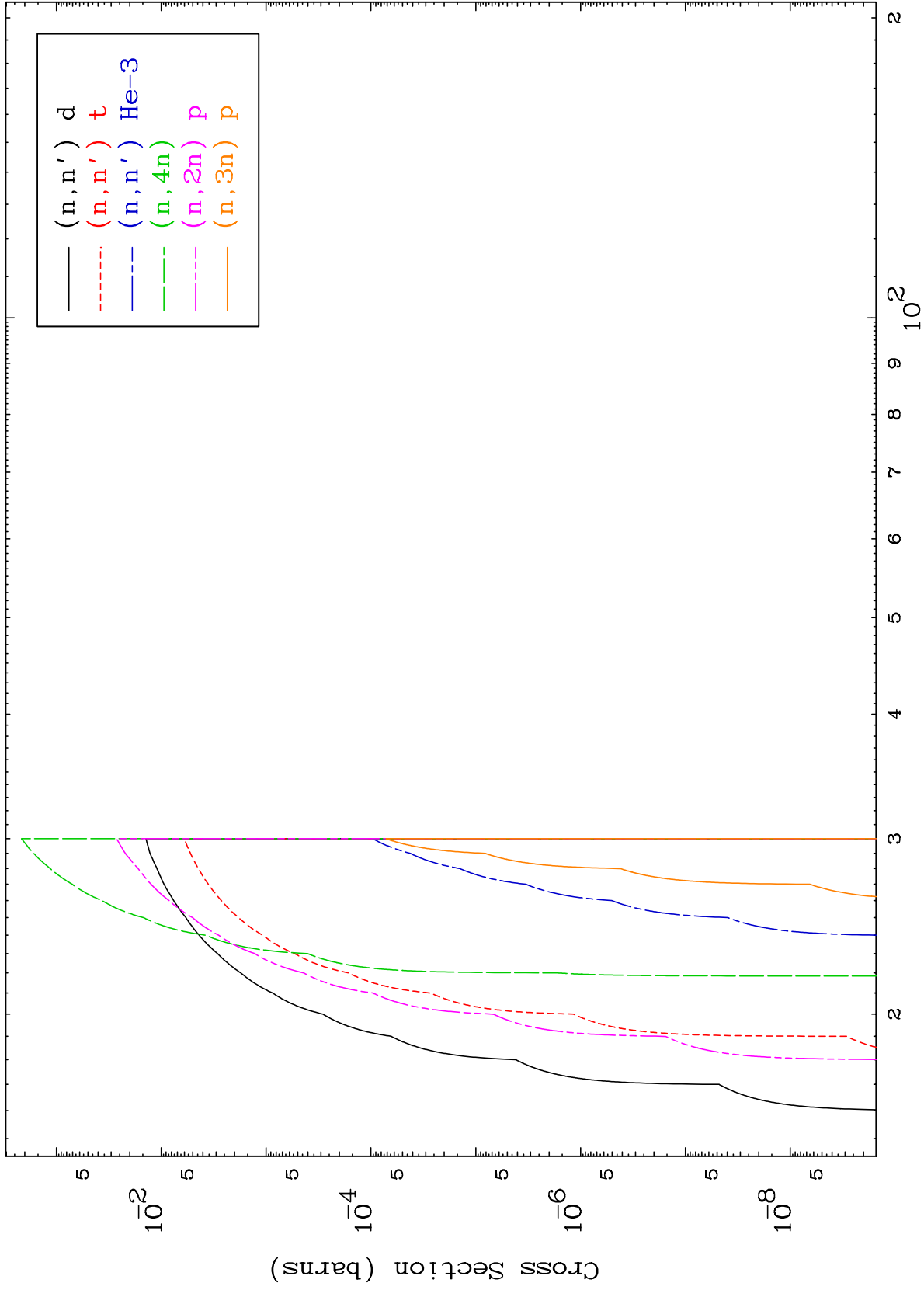
Incident Energy (MeV)

30-Zn-71

MAT 3046

Neutron Production  
293 Kelvin Cross Sections

30-Zn-71



3

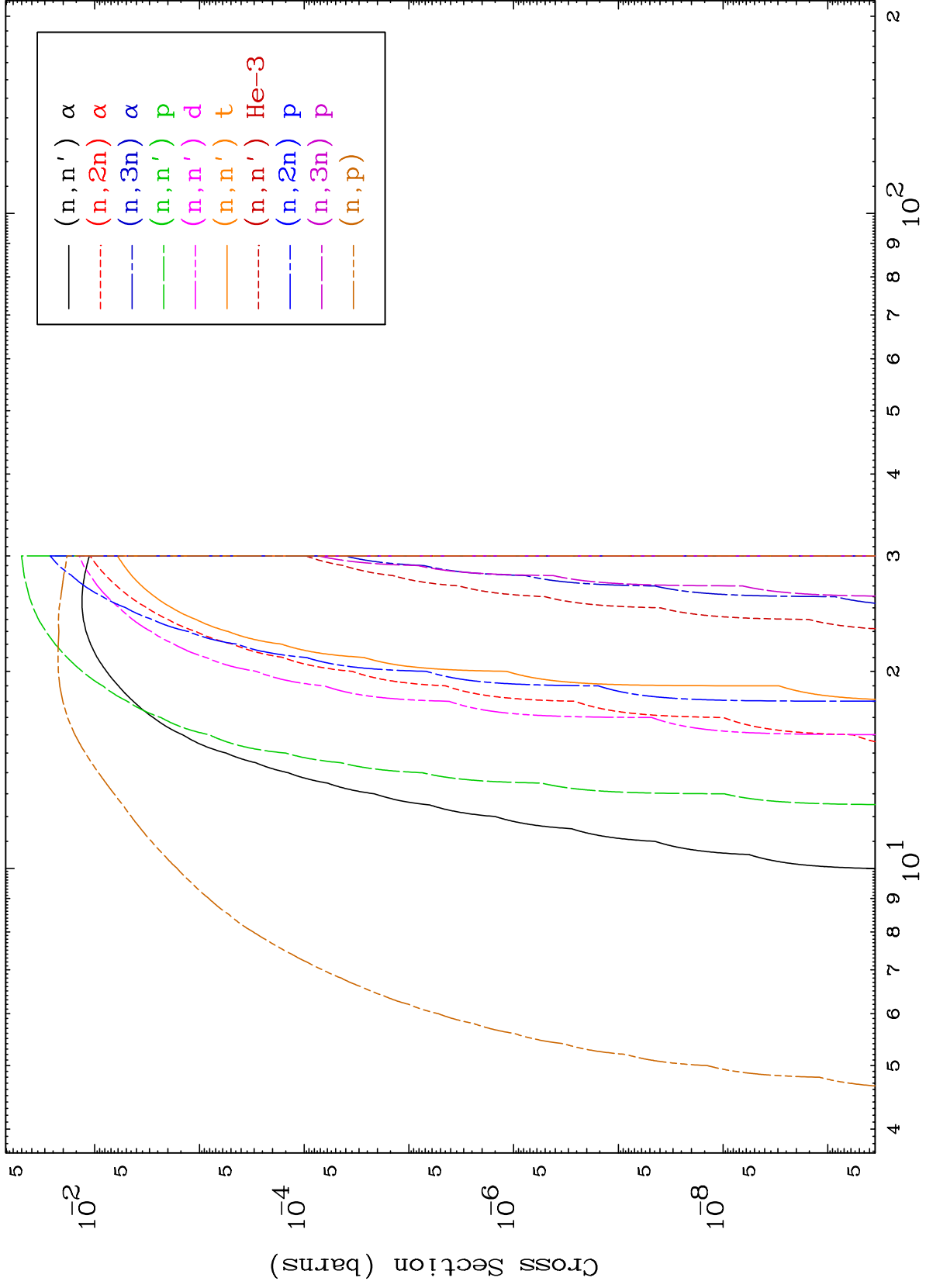
Incident Energy (MeV)

30-Zn-71

MAT 3046

Charged Particle  
293 Kelvin Cross Sections

30-Zn-71



4

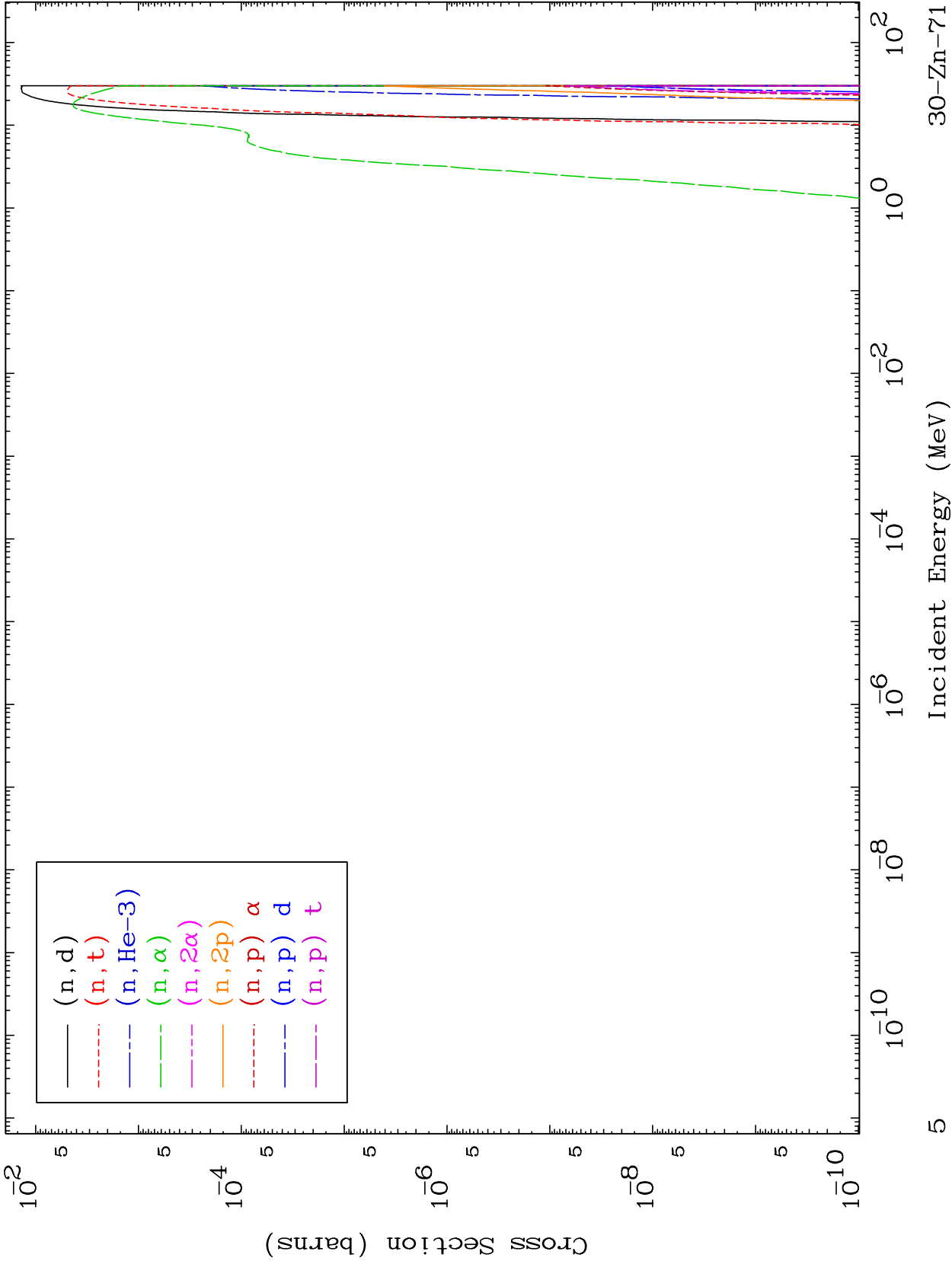
Incident Energy (MeV)

30-Zn-71

MAT 3046

Charged Particle  
293 Kelvin Cross Sections

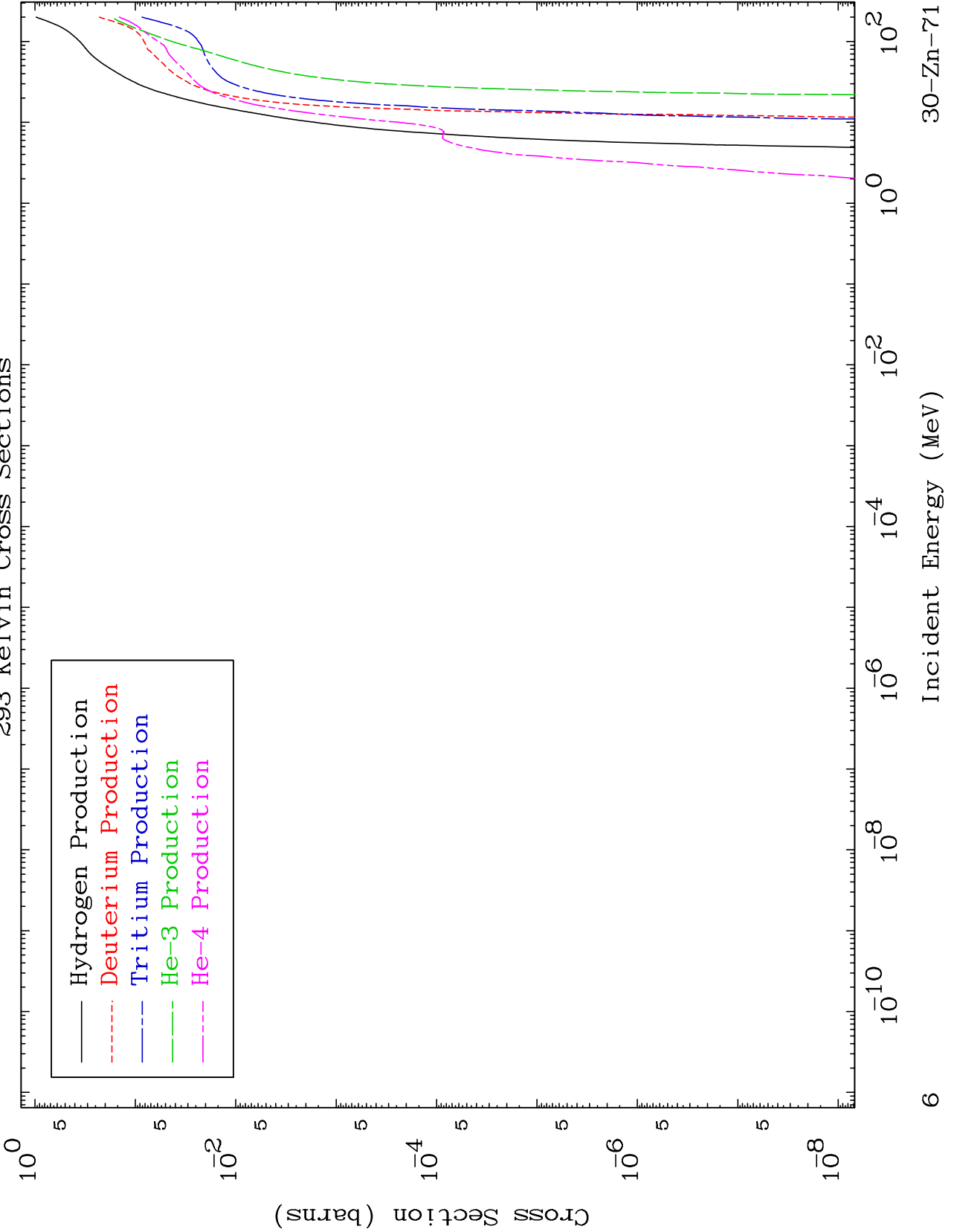
30-Zn-71



MAT 3046

Particle Production  
293 Kelvin Cross Sections

30-Zn-71

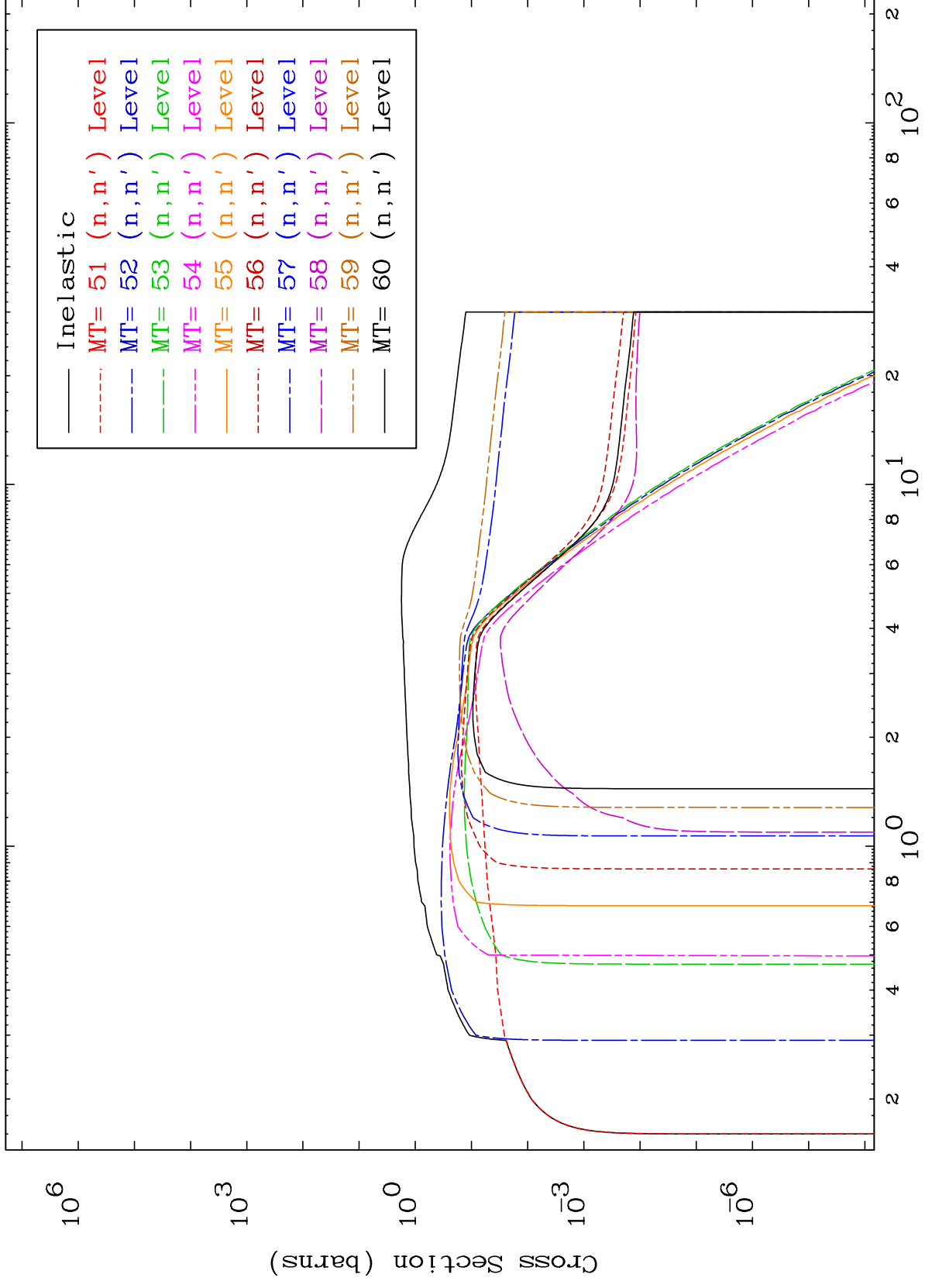


MAT 3046

(n,n') Level

30-Zn-71

293 Kelvin Cross Sections



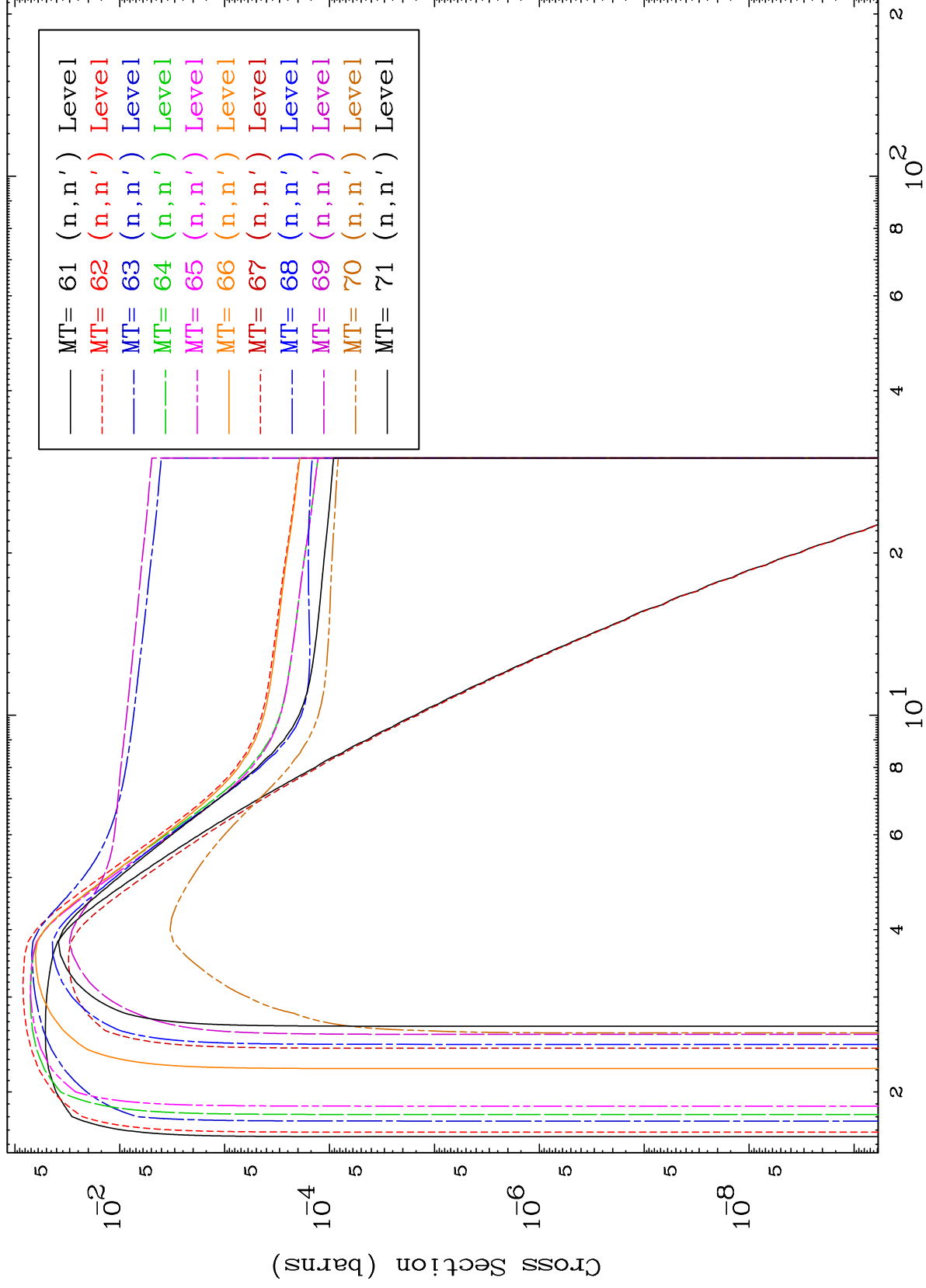


MAT 3046

(n,n') Level

30-Zn-71

293 Kelvin Cross Sections



8

Incident Energy (MeV)

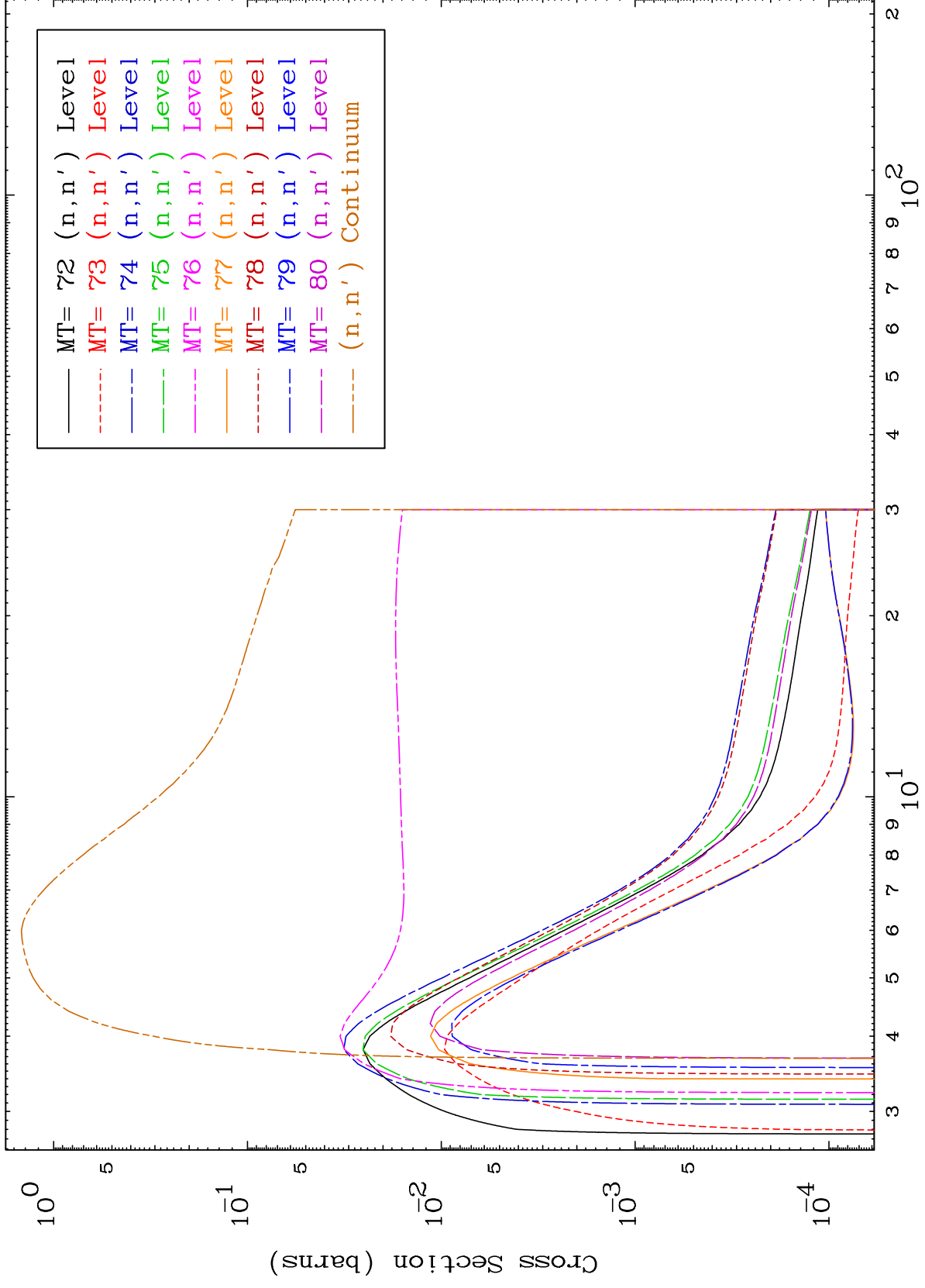
30-Zn-71

MAT 3046

(n,n') Level

30-Zn-71

293 Kelvin Cross Sections



9

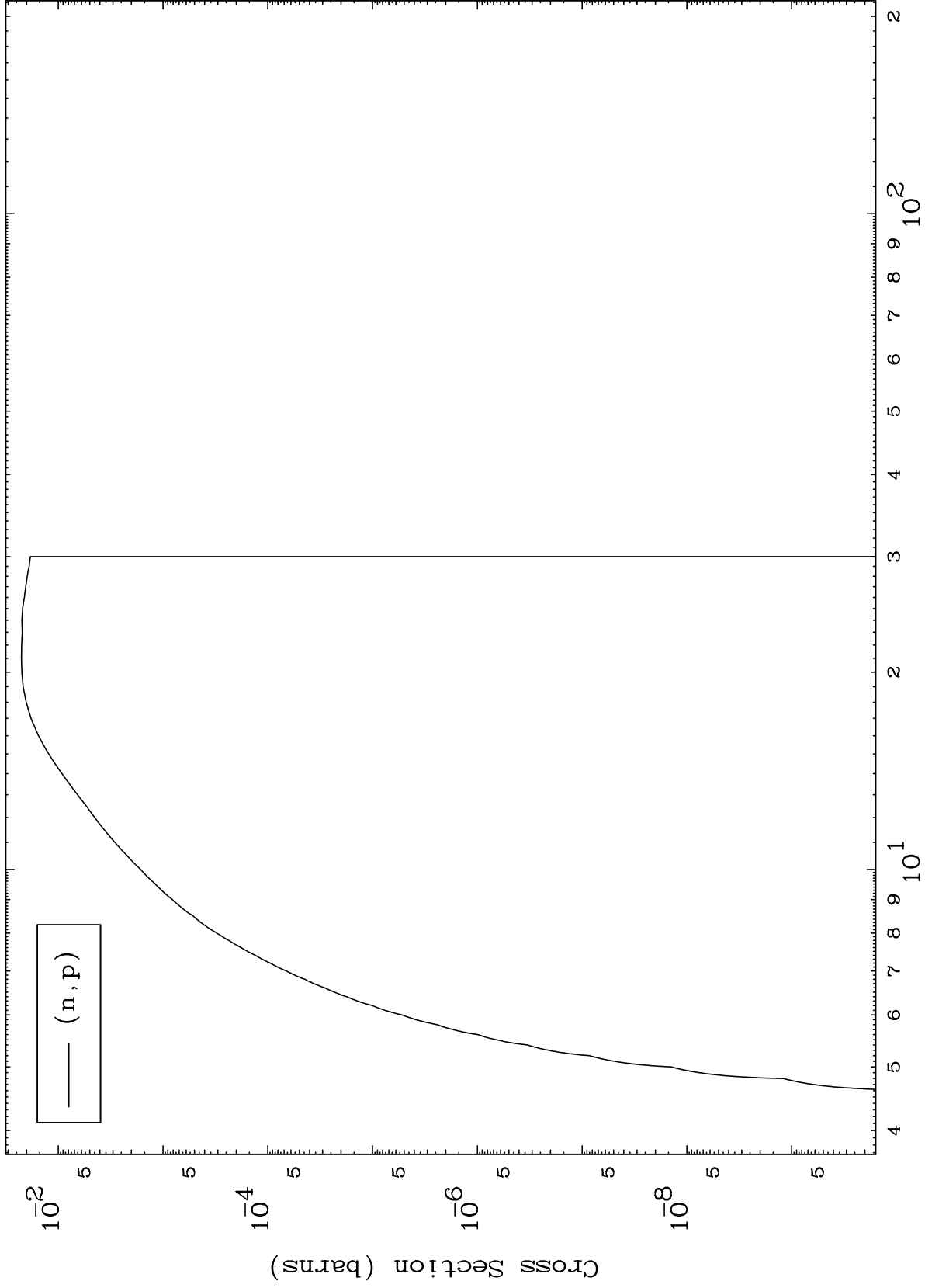
Incident Energy (MeV)

30-Zn-71

MAT 3046

(n,p) Levels  
293 Kelvin Cross Sections

30-Zn-71



10

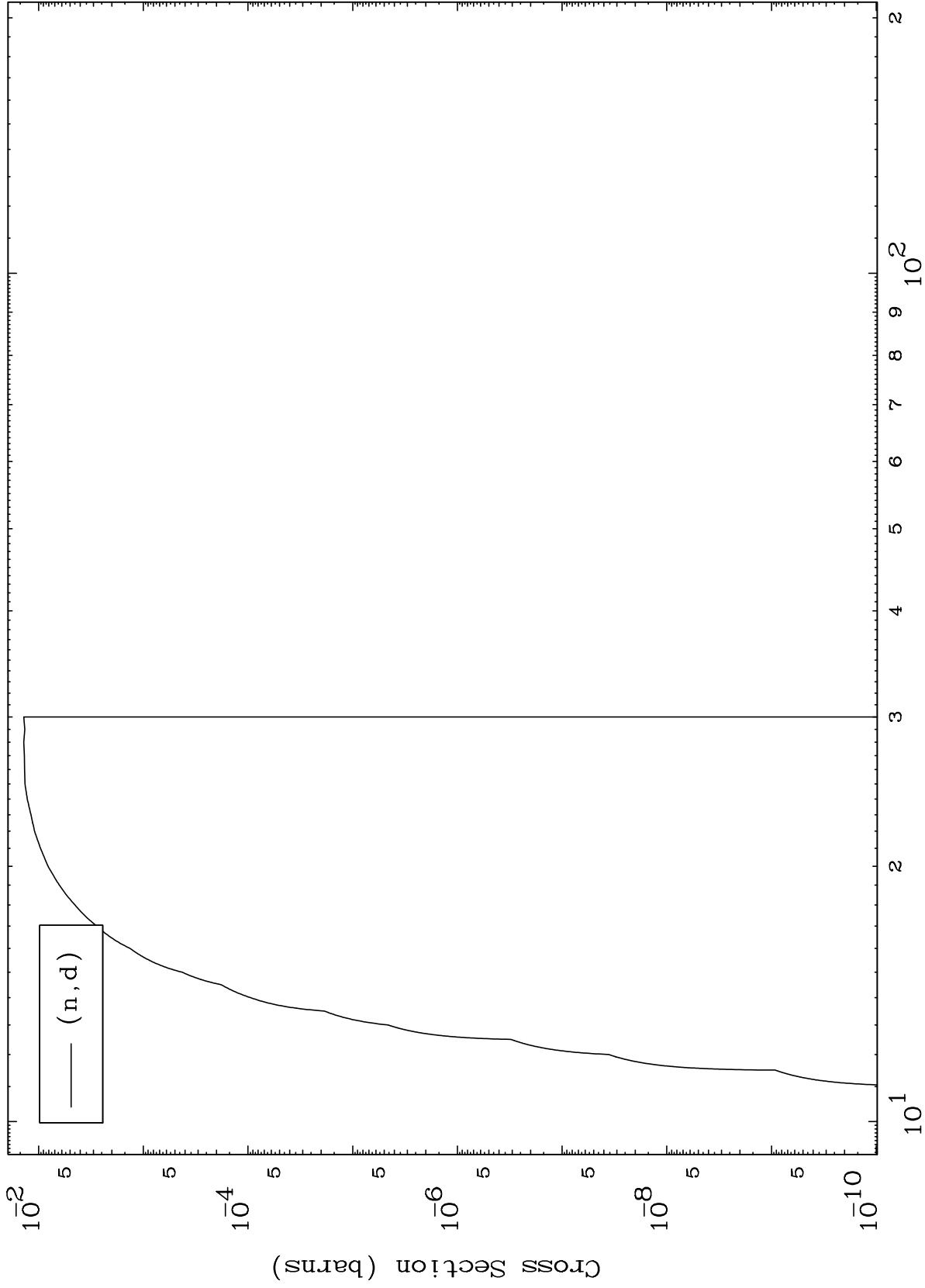
Incident Energy (MeV)

30-Zn-71

MAT 3046

(n,d) Levels  
293 Kelvin Cross Sections

30-Zn-71



11

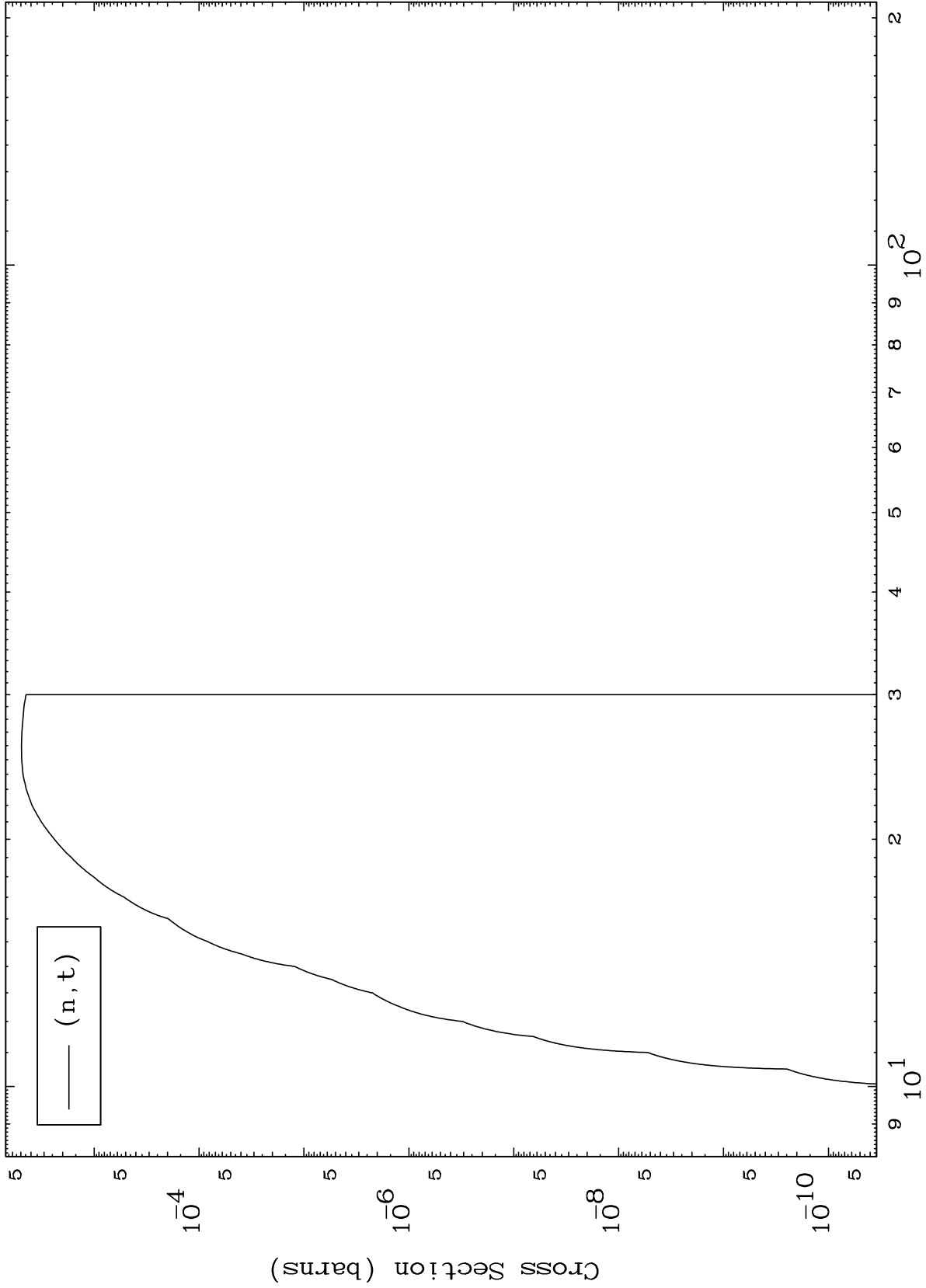
Incident Energy (MeV)

30-Zn-71

MAT 3046

(n,t) Levels  
293 Kelvin Cross Sections

30-Zn-71



12

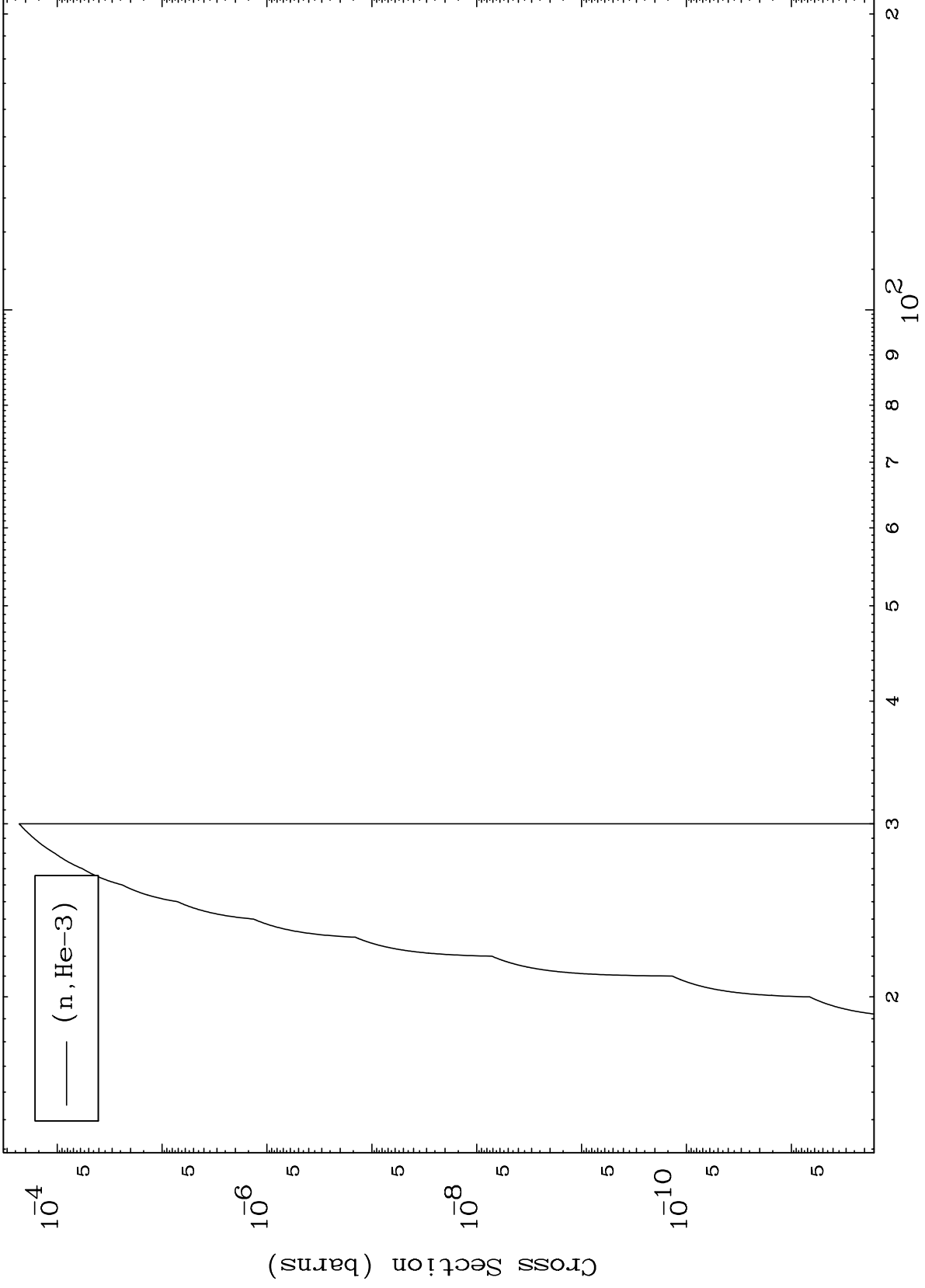
Incident Energy (MeV)

30-Zn-71

MAT 3046

(n,He3) Levels  
293 Kelvin Cross Sections

30-Zn-71



13

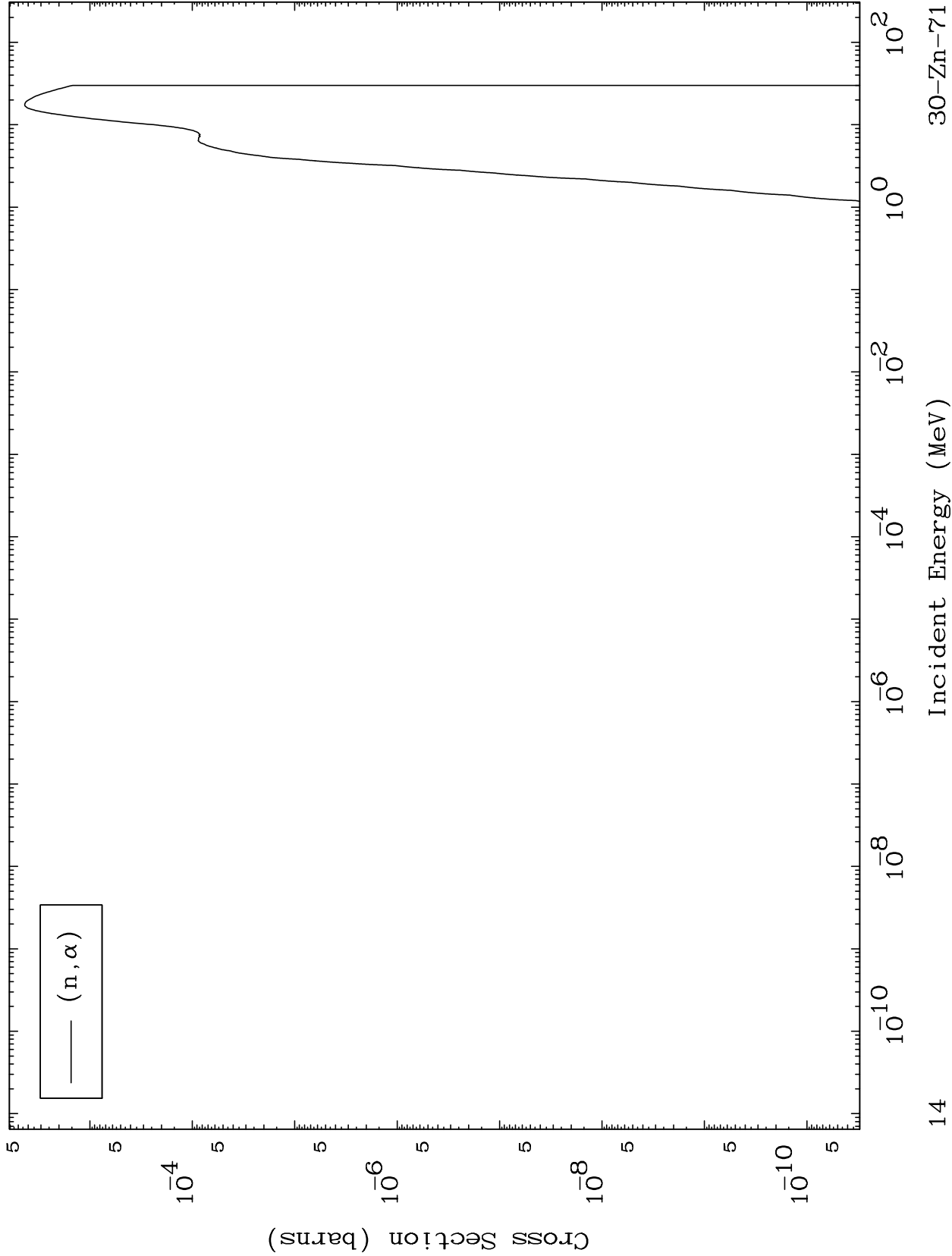
Incident Energy (MeV)

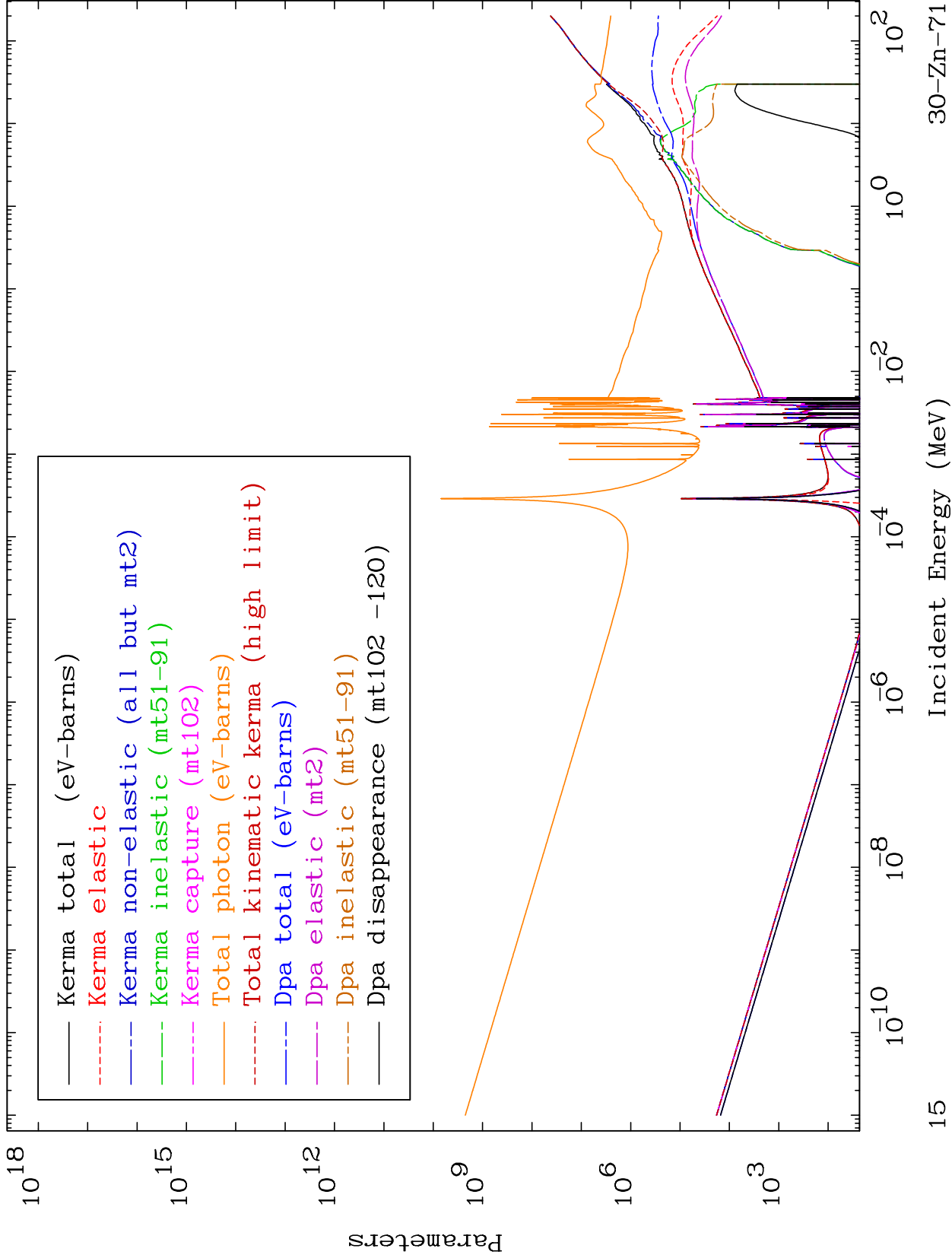
30-Zn-71

MAT 3046

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

30-Zn-71



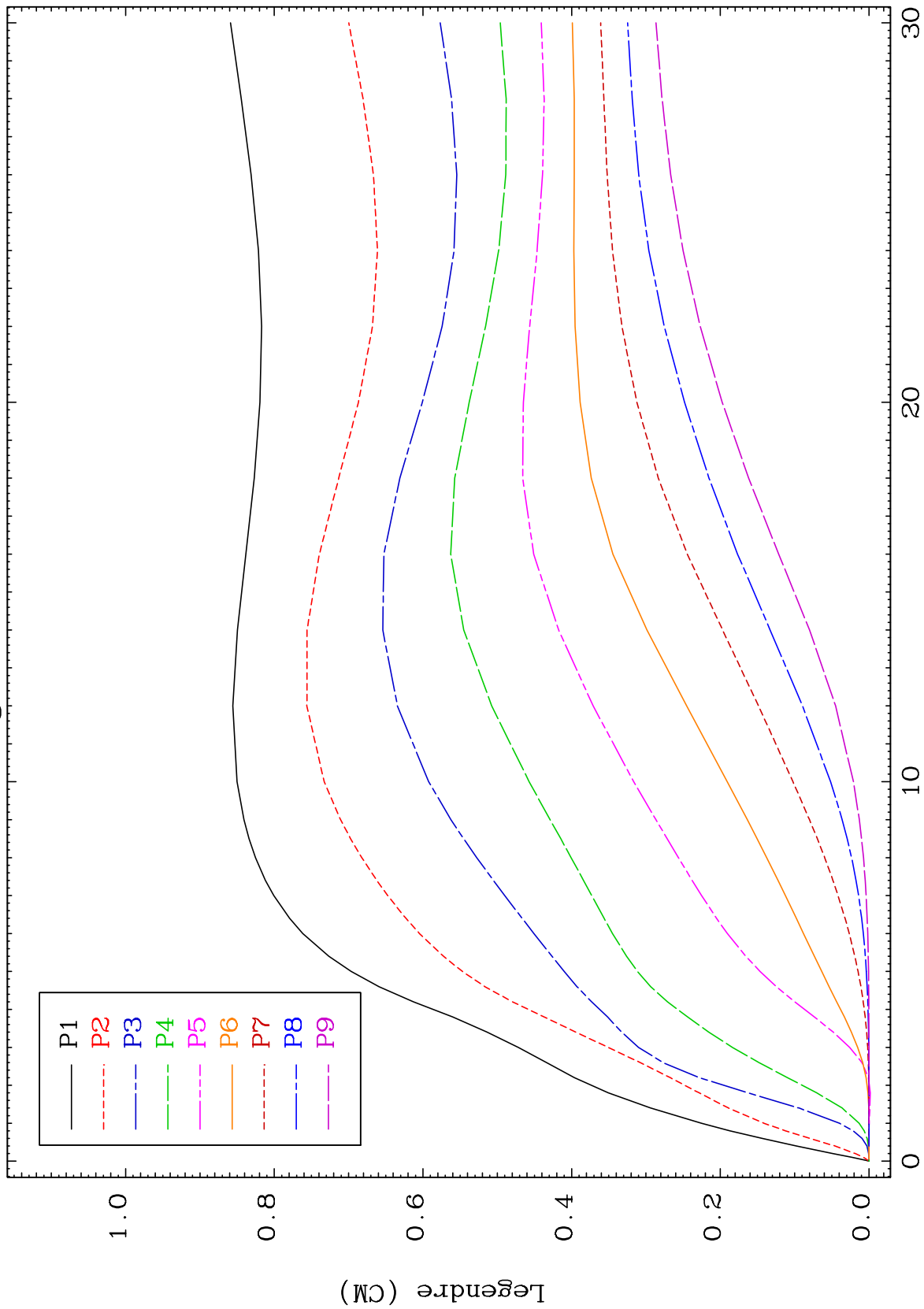




MAT 3046

Elastic Legendre Coefficients

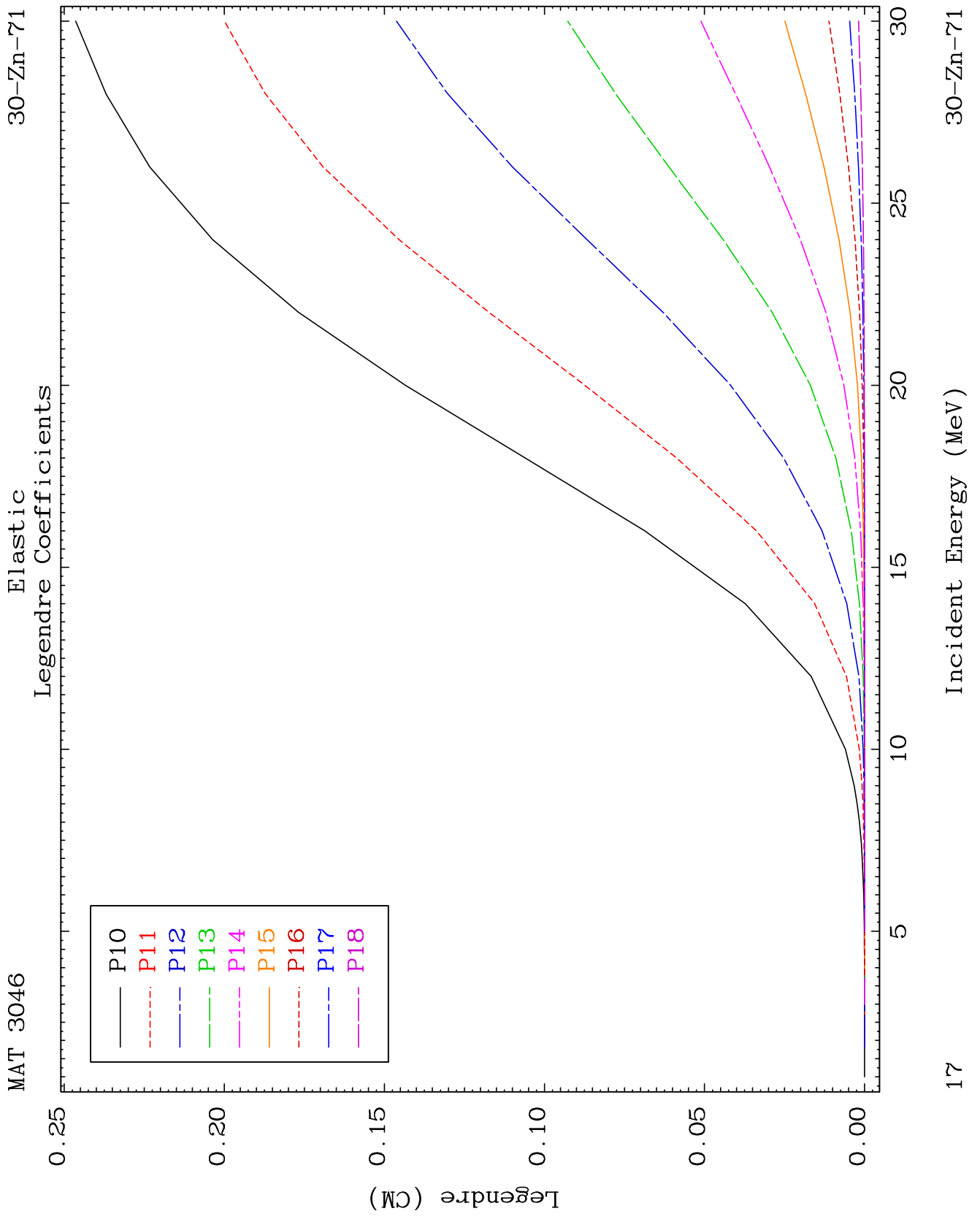
30-Zn-71



16

Incident Energy (MeV)

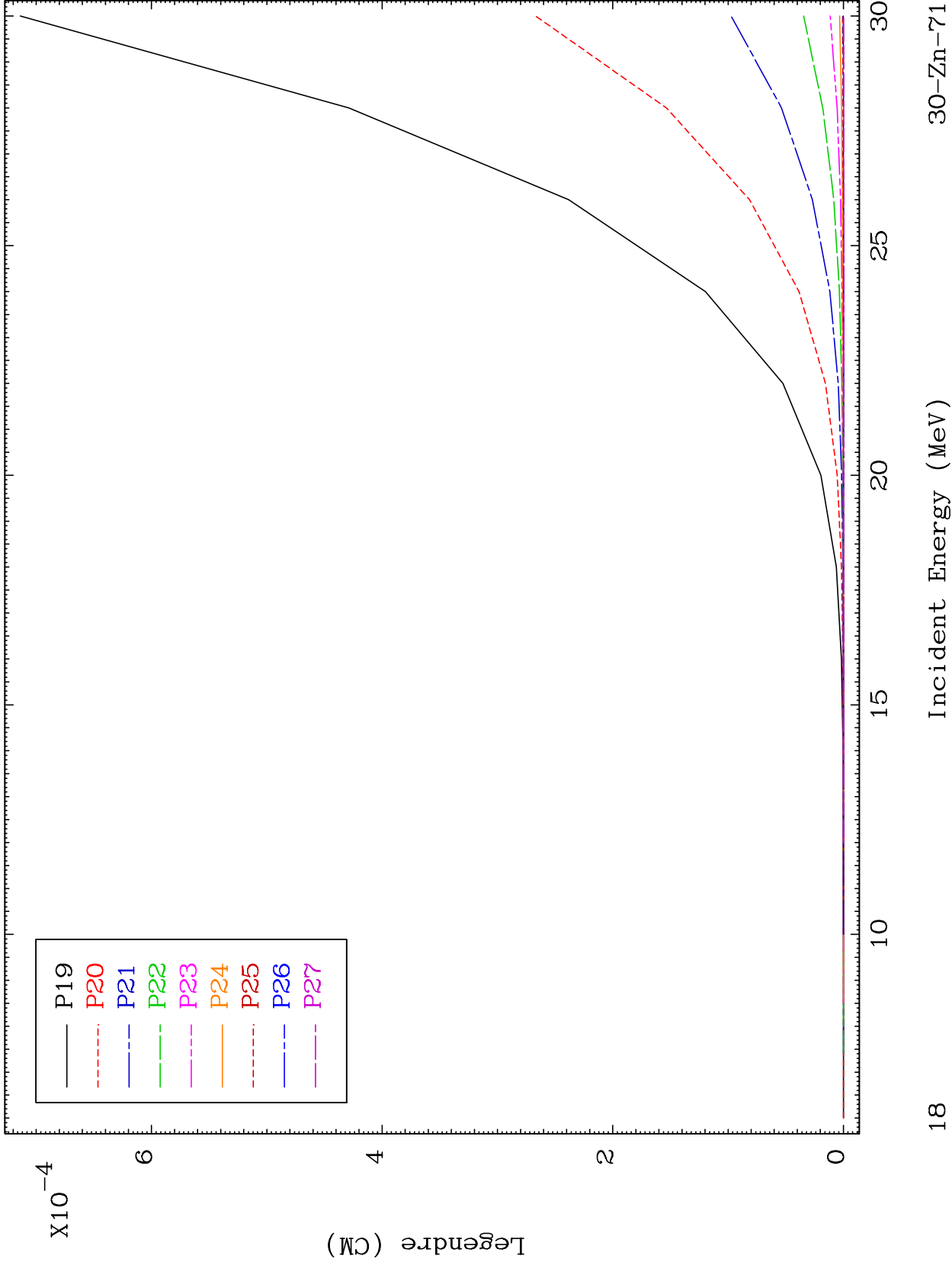
30-Zn-71



MAT 3046

Elastic Legendre Coefficients

30-Zn-71



18

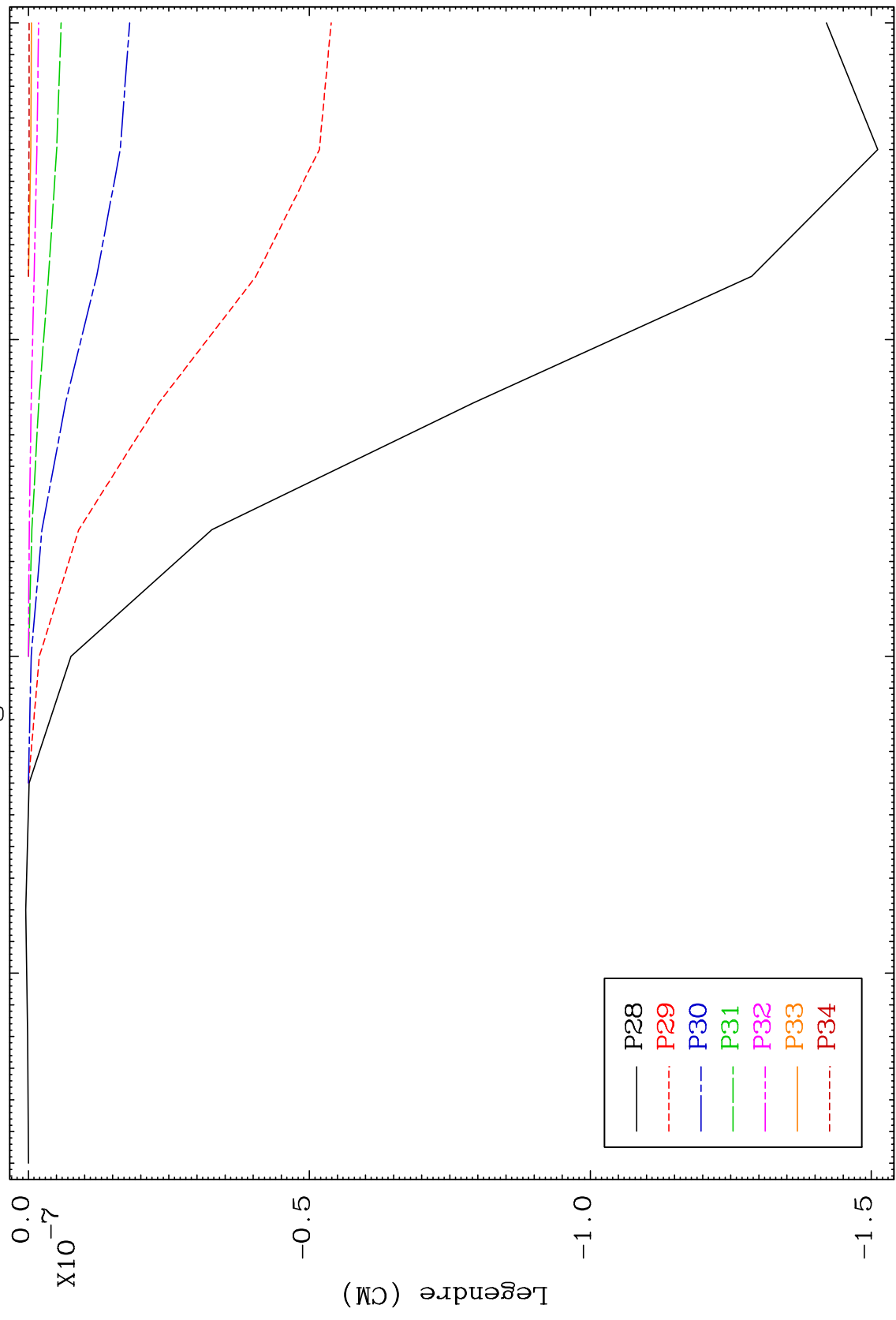
Incident Energy (MeV)

30-Zn-71

MAT 3046

30-Zn-71

Elastic Legendre Coefficients



Legendre (CM)  
X10<sup>-7</sup>

30

25

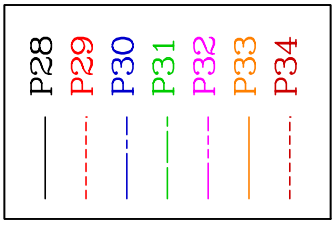
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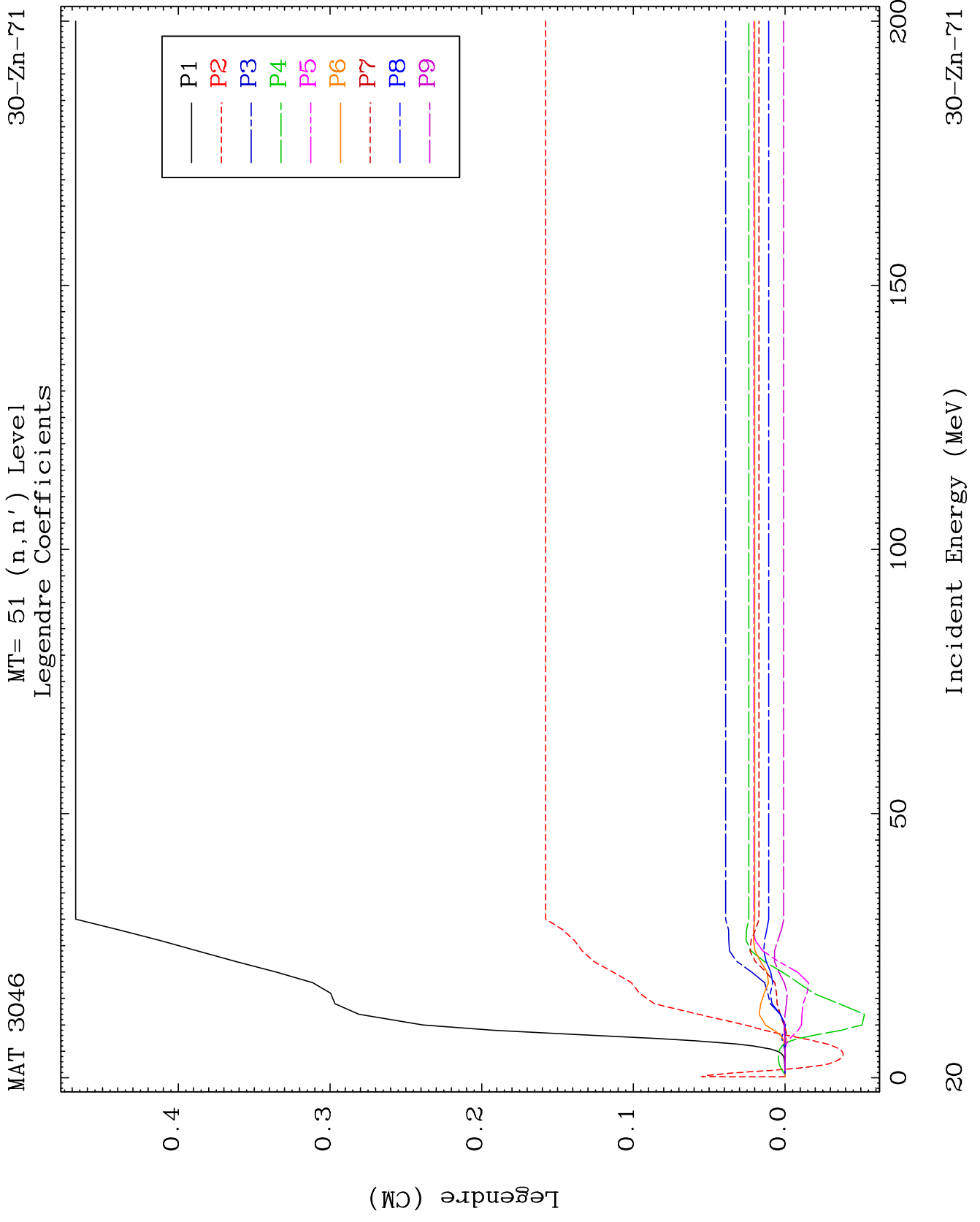
15

30-Zn-71

Incident Energy (MeV)

19

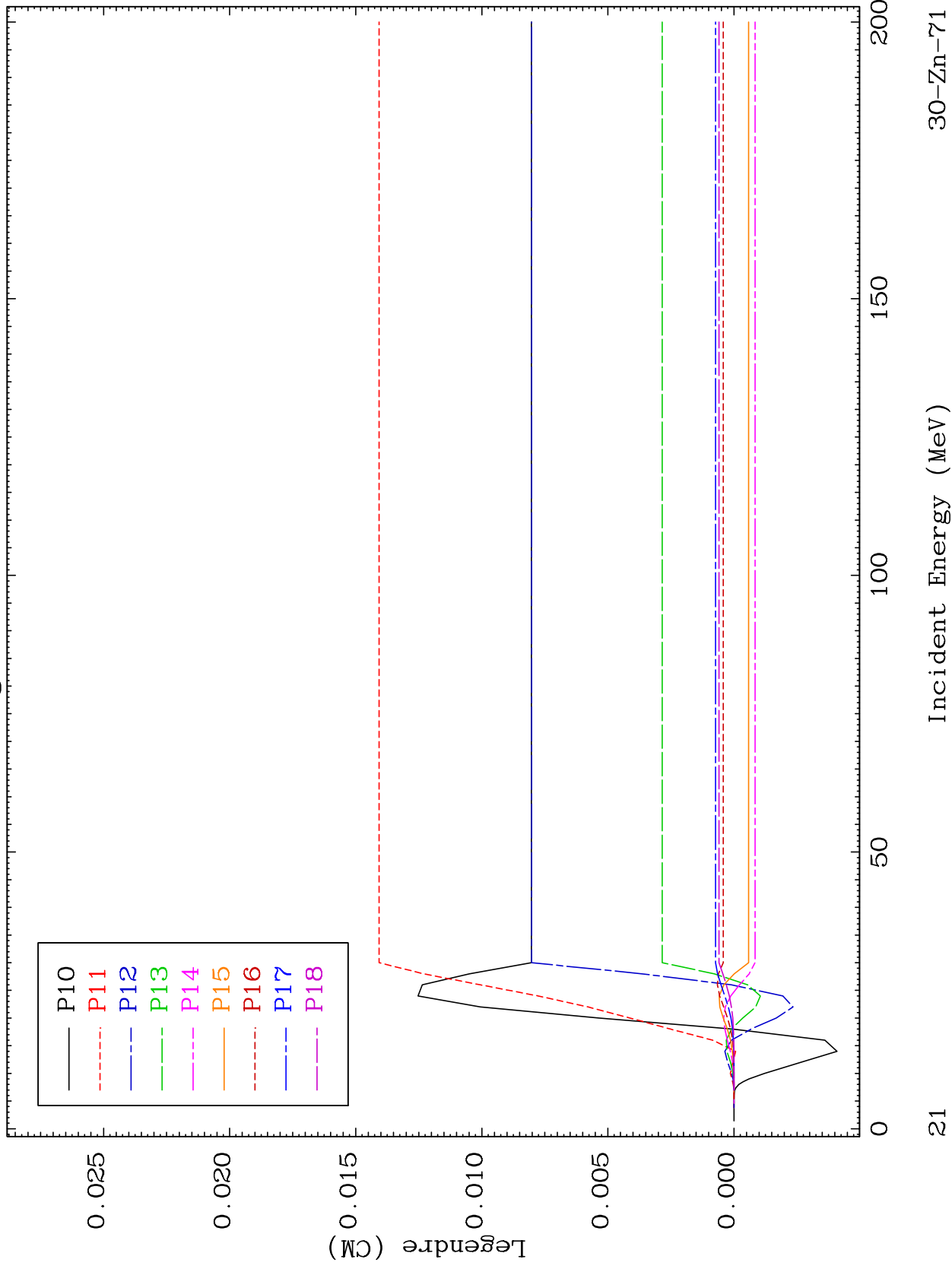




MAT 3046

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

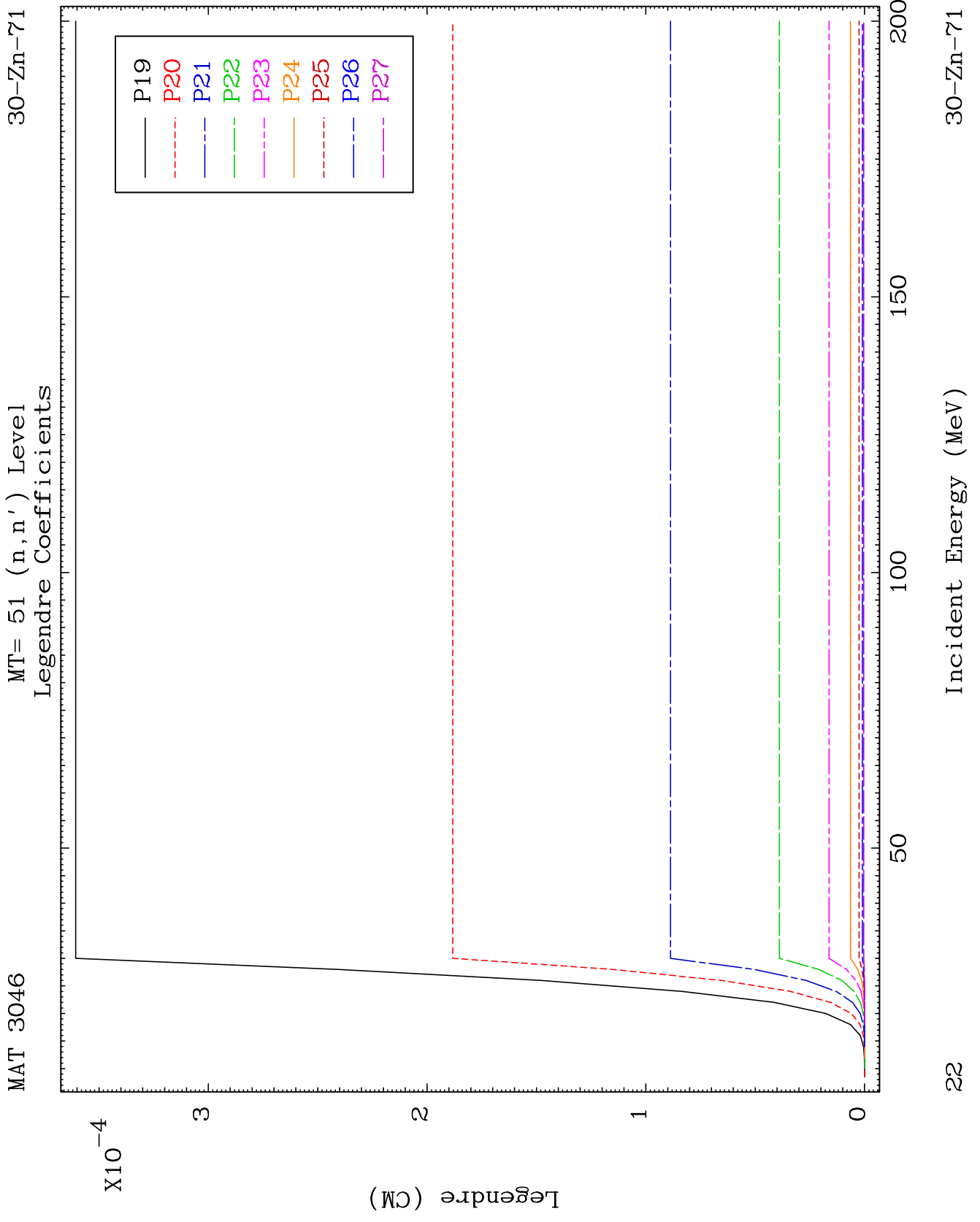
30-Zn-71

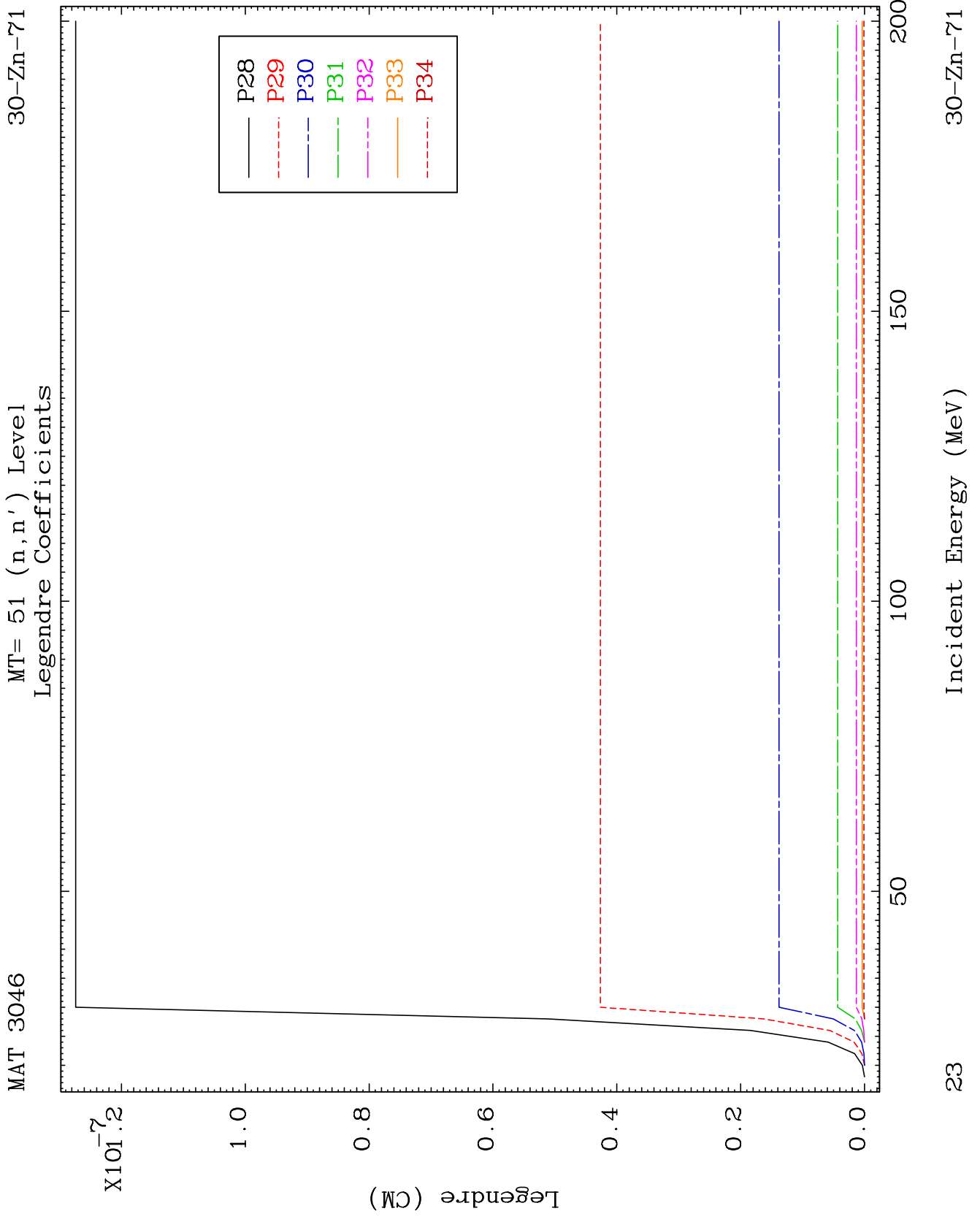


21

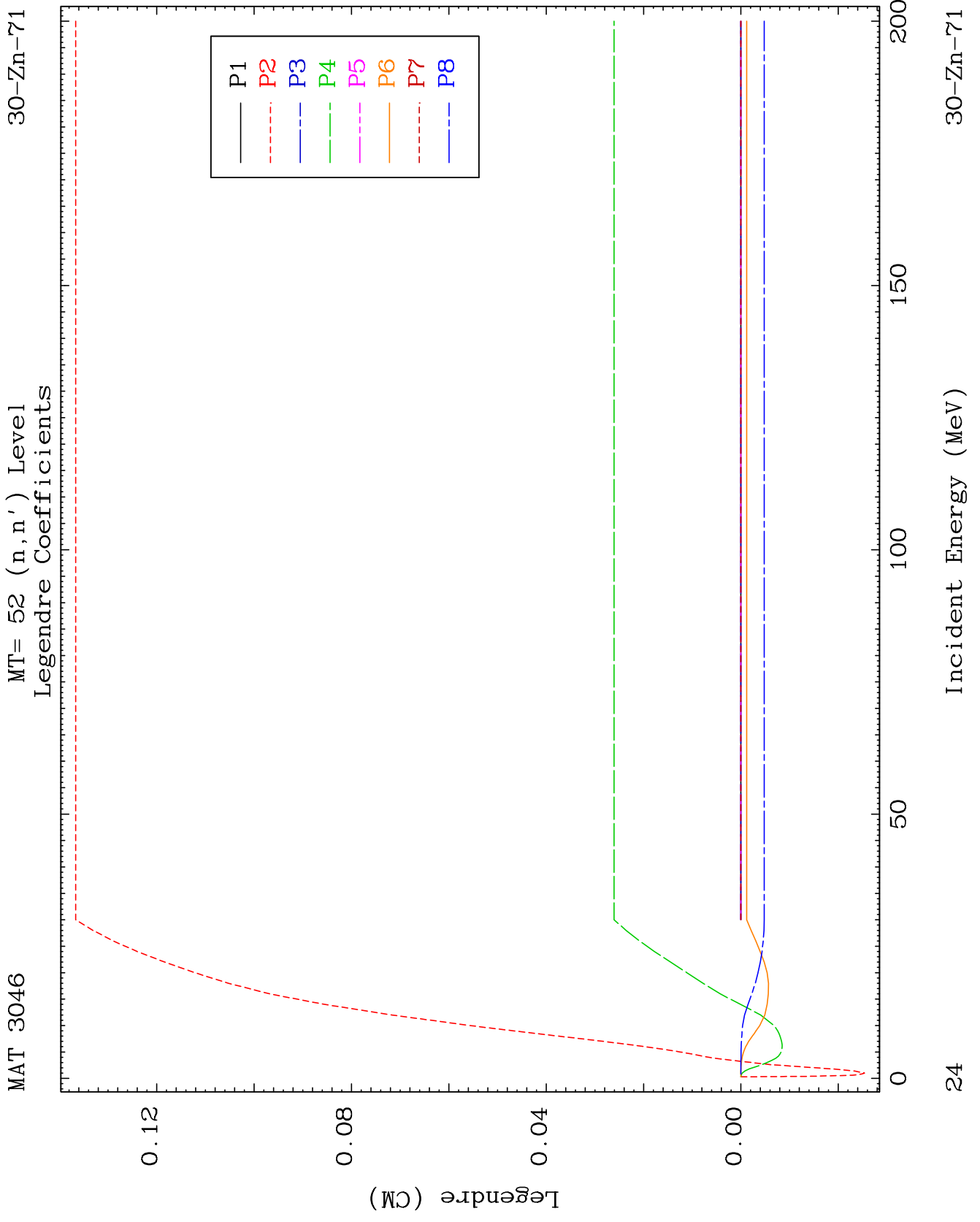
Incident Energy (MeV)

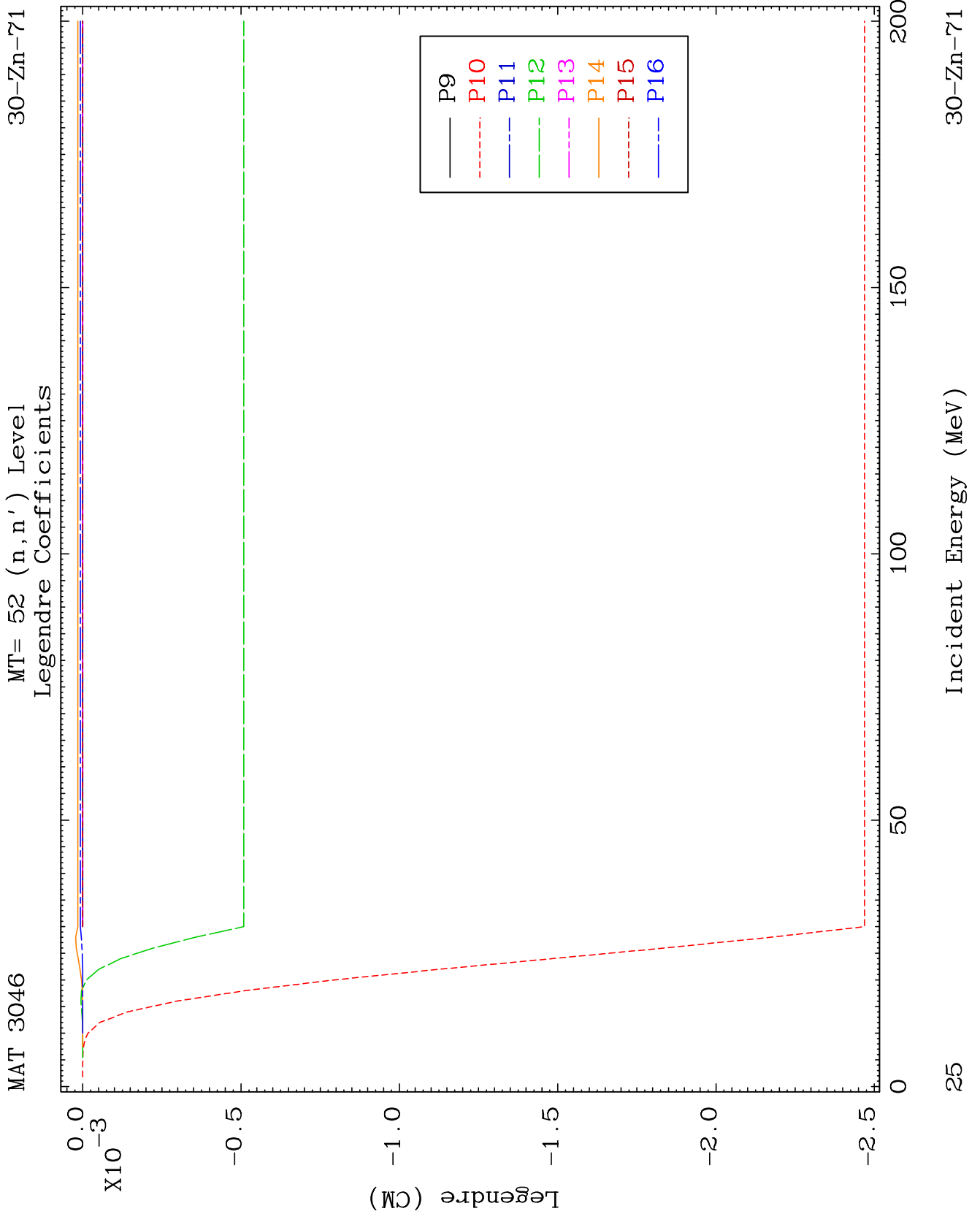
30-Zn-71

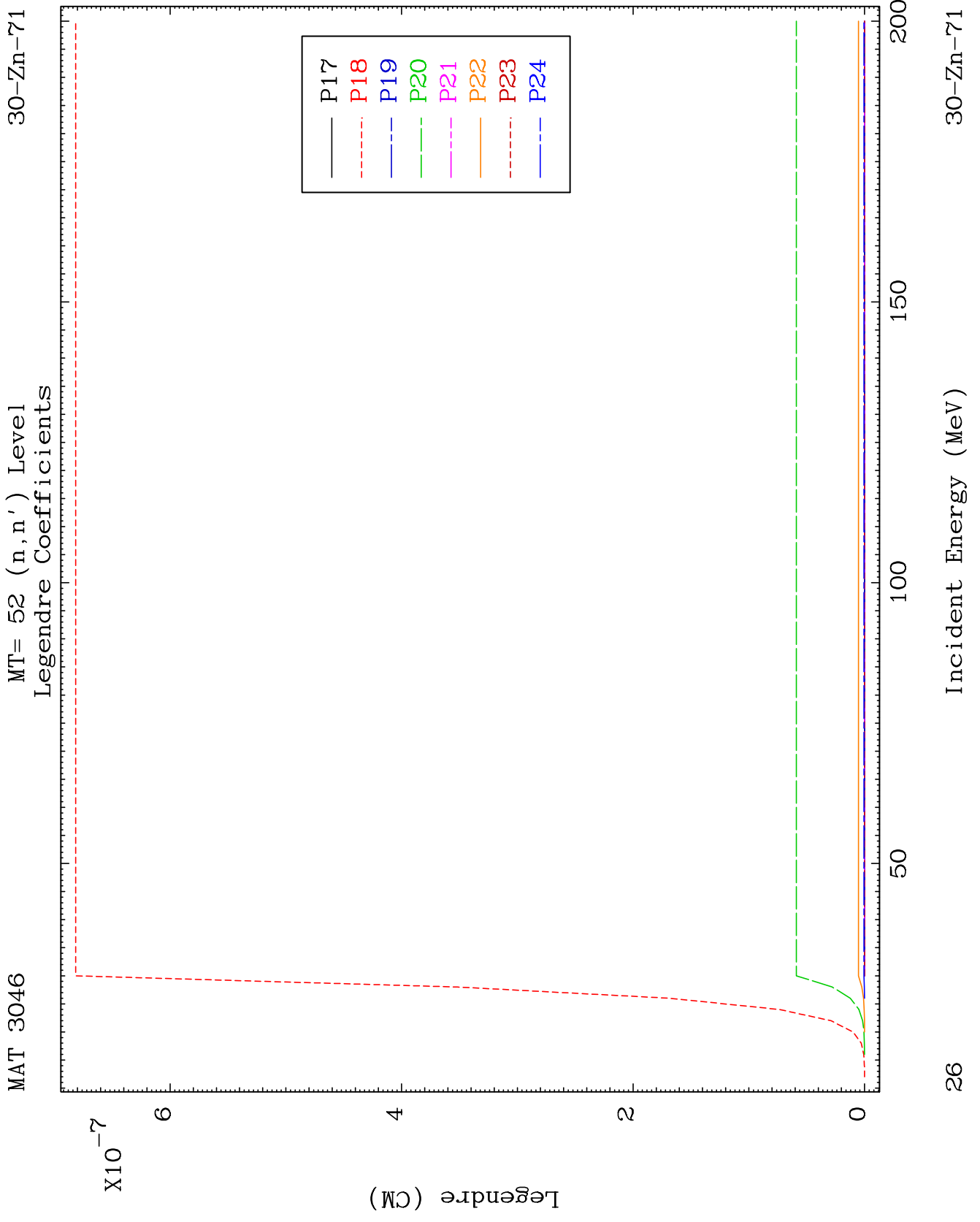


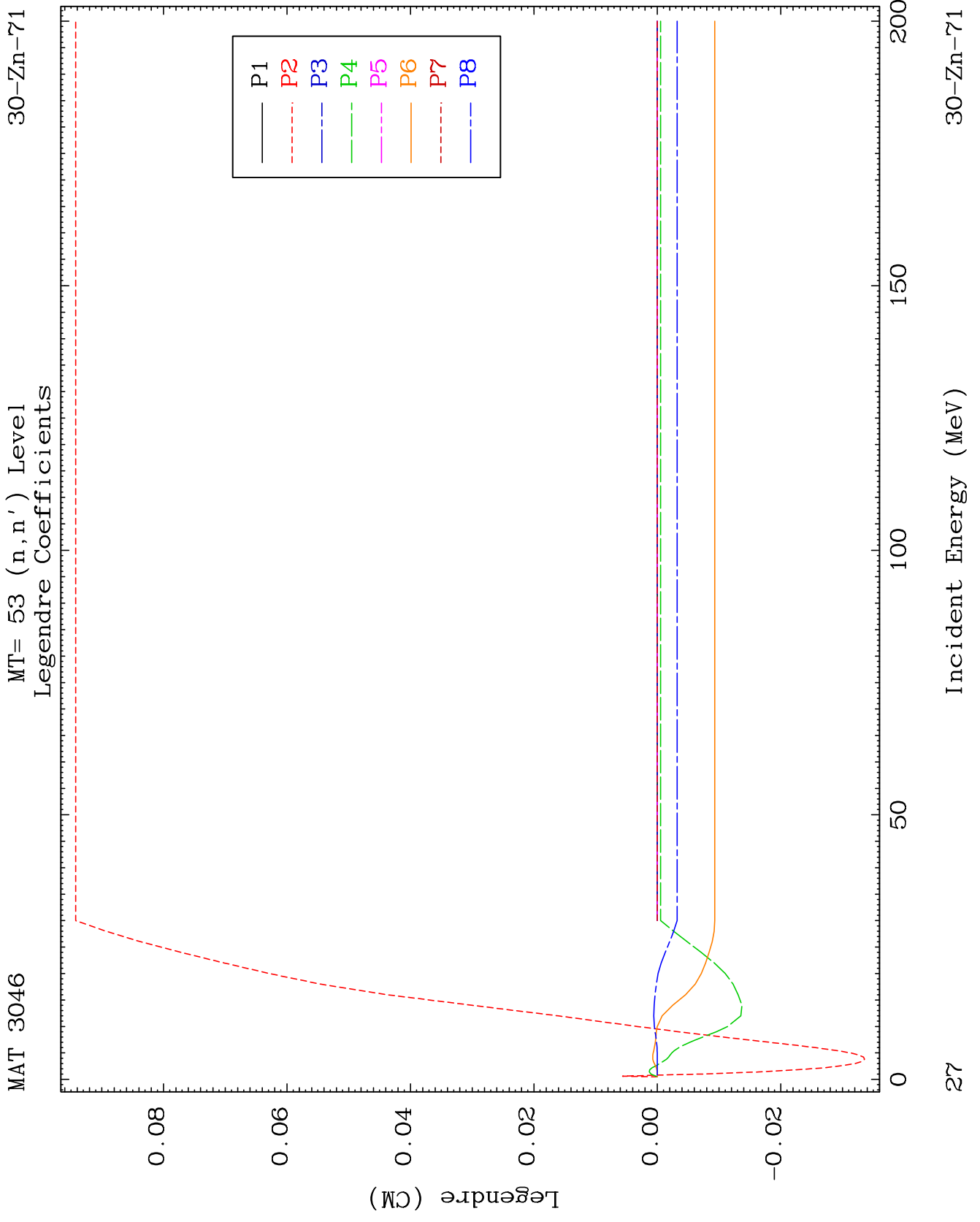


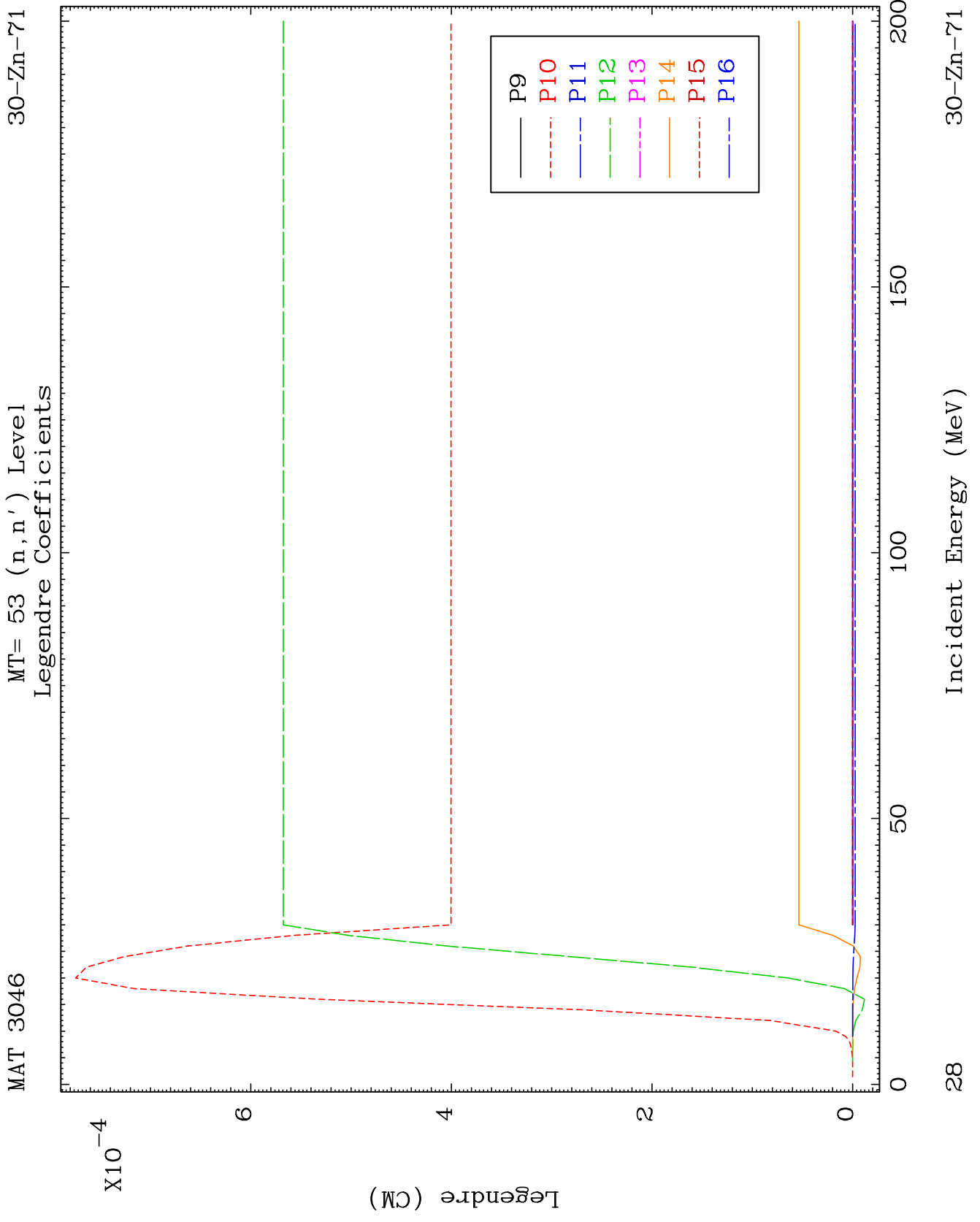


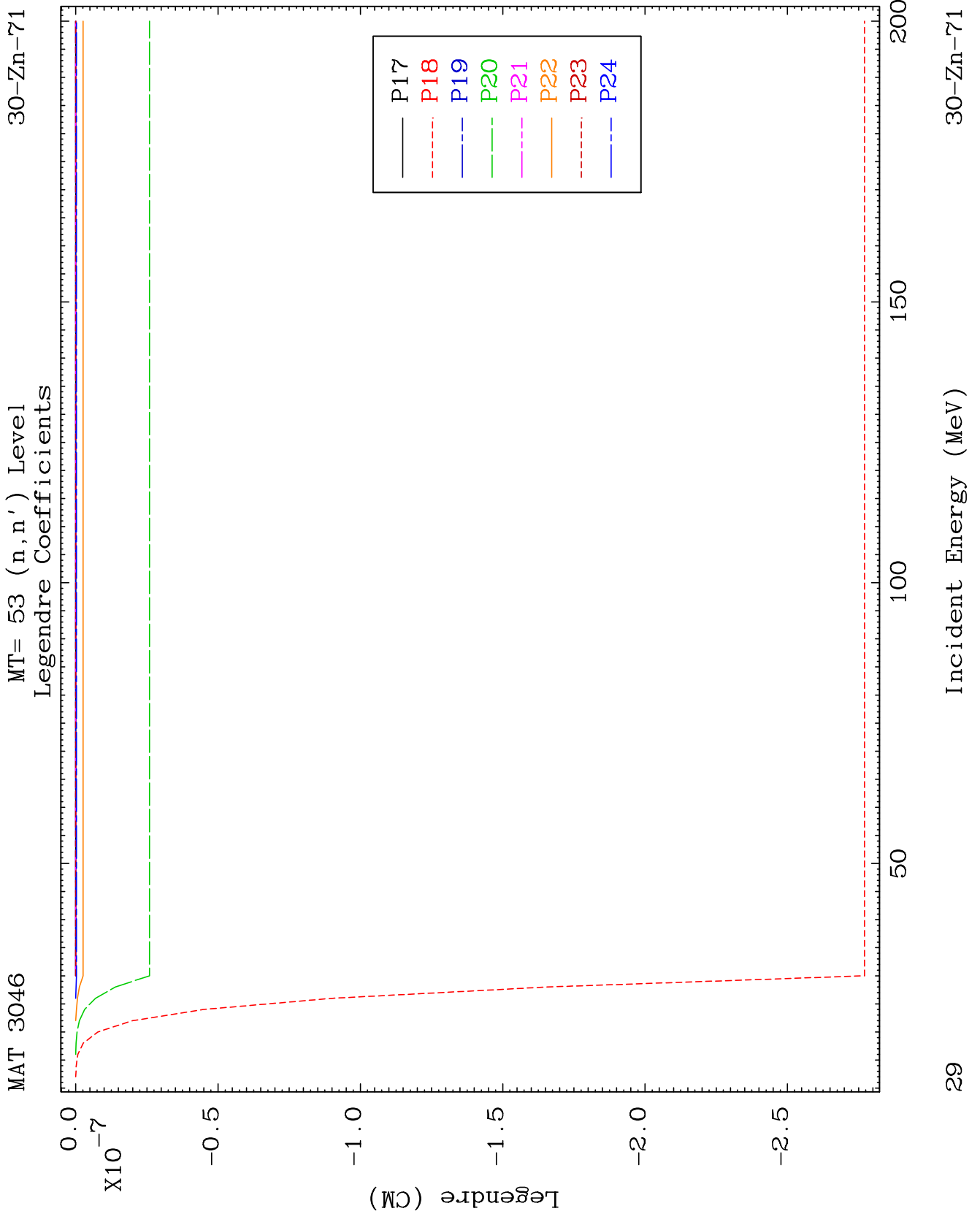










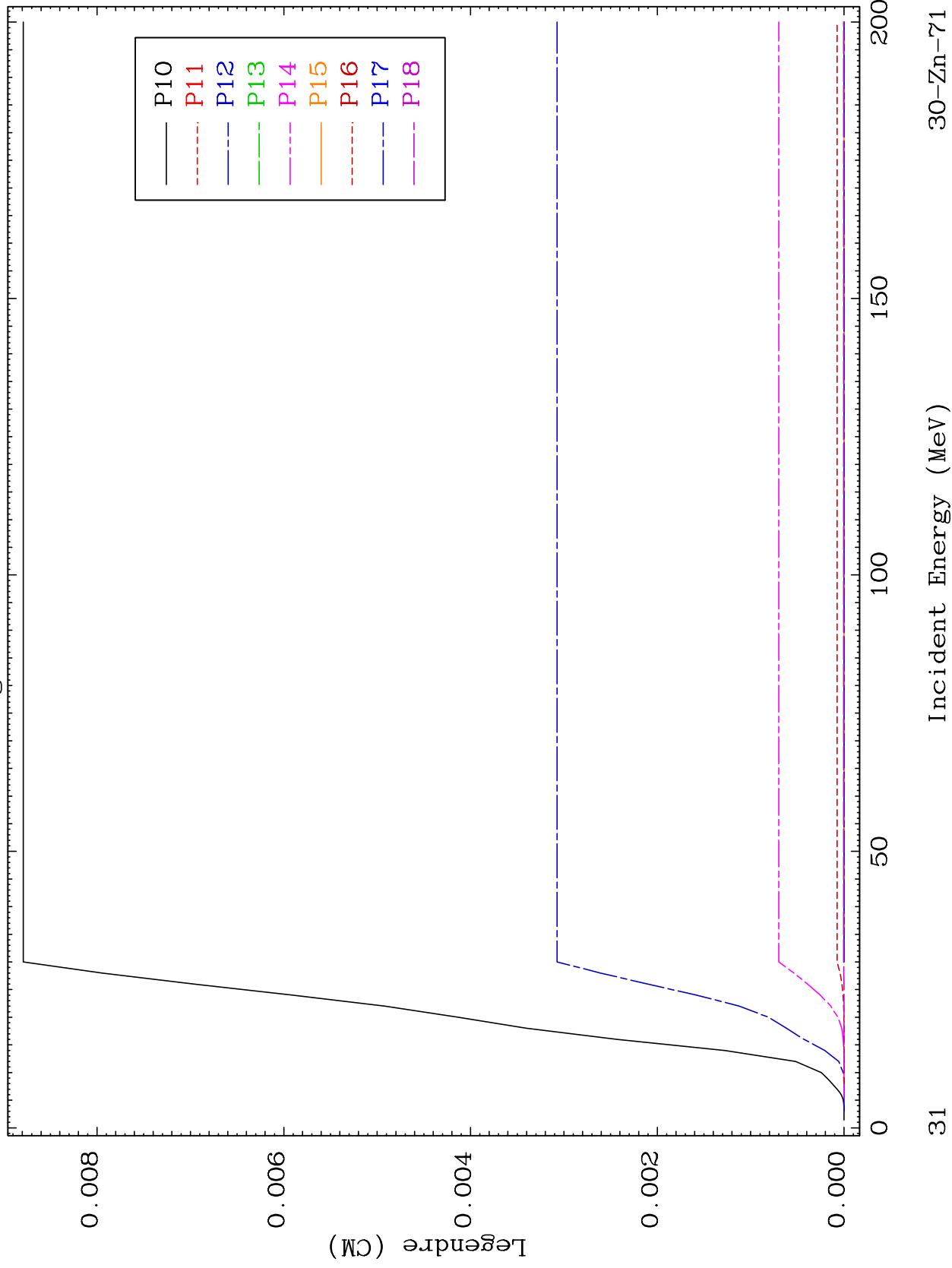




MAT 3046

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

30-Zn-71

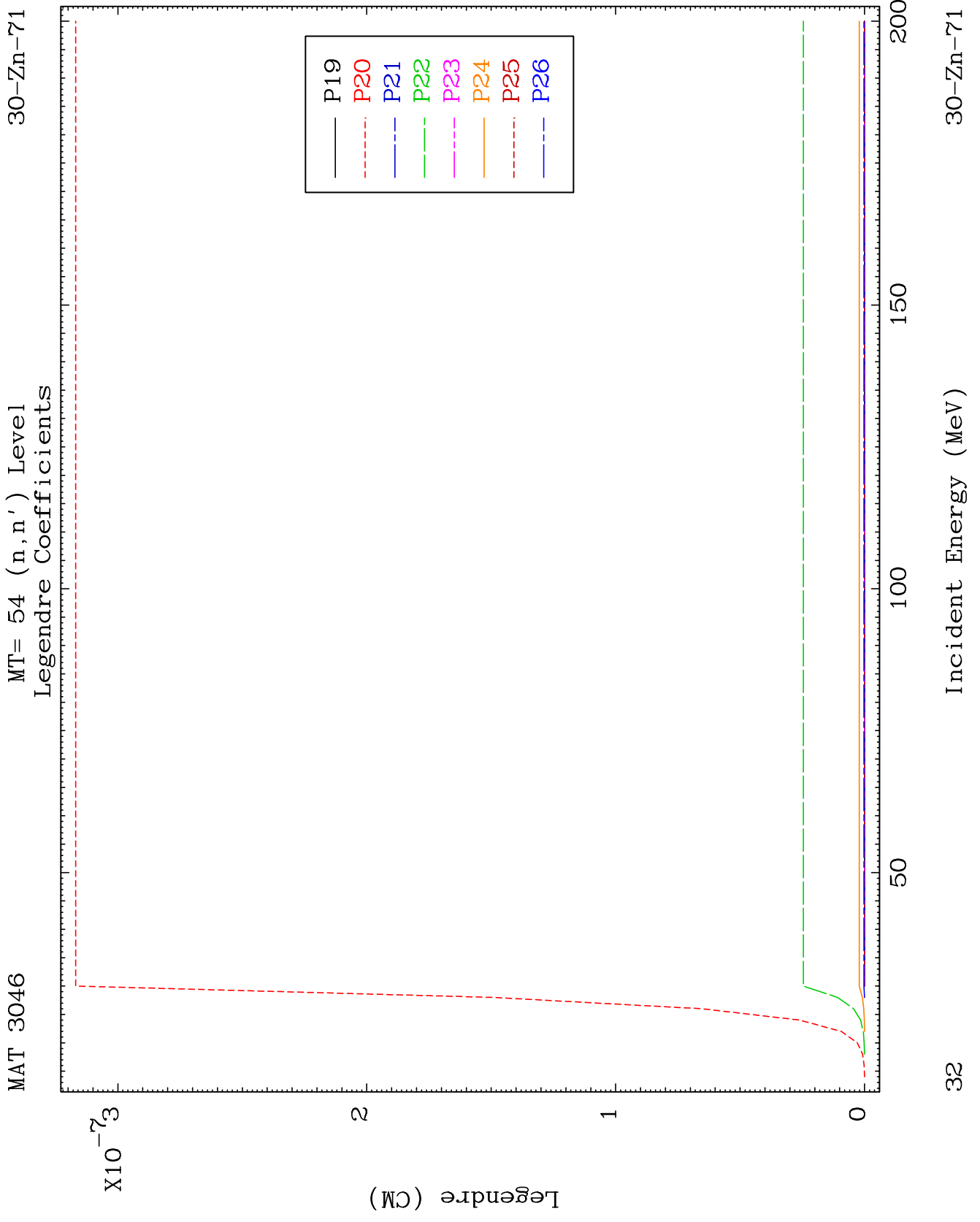


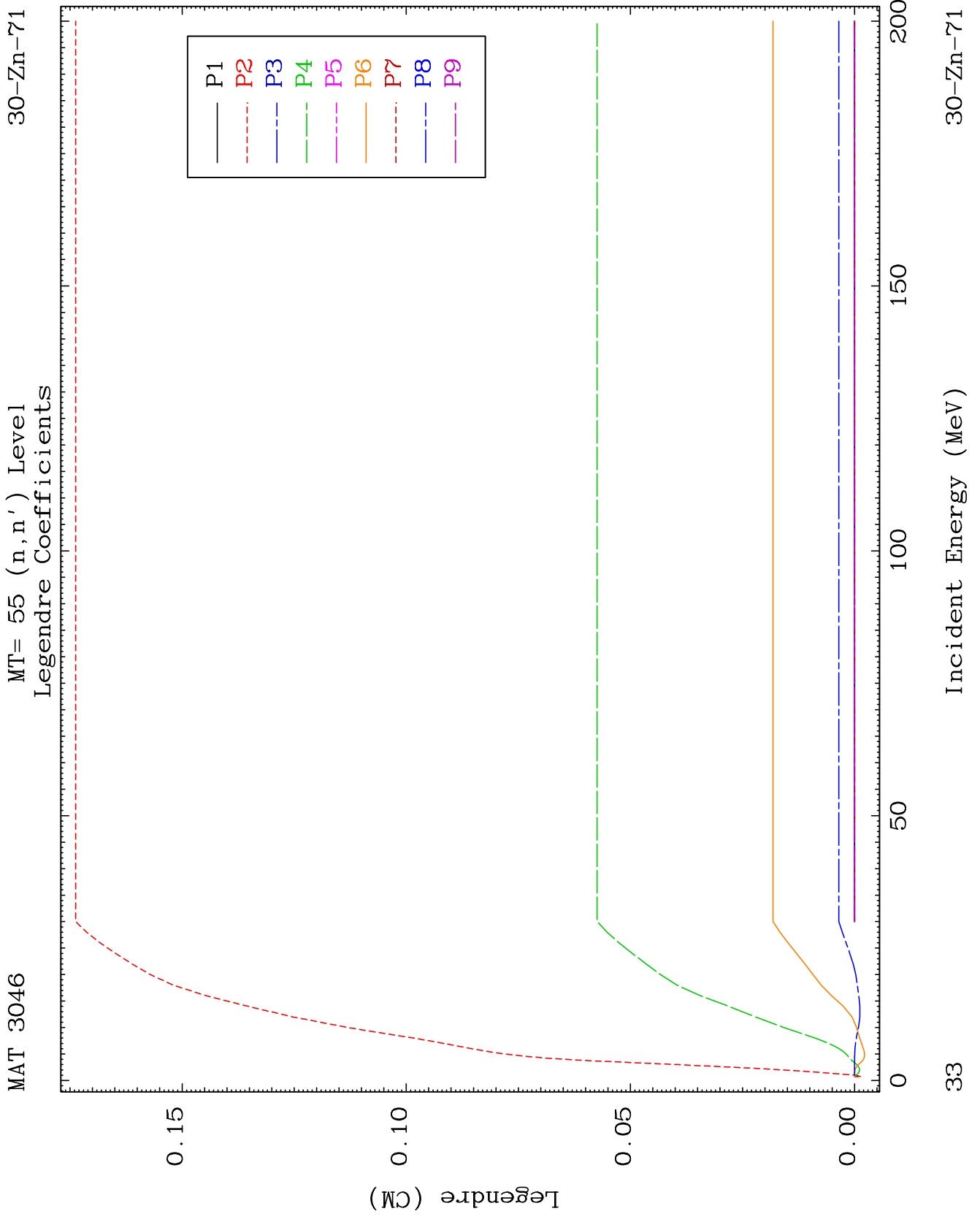
31

Incident Energy (MeV)

30-Zn-71



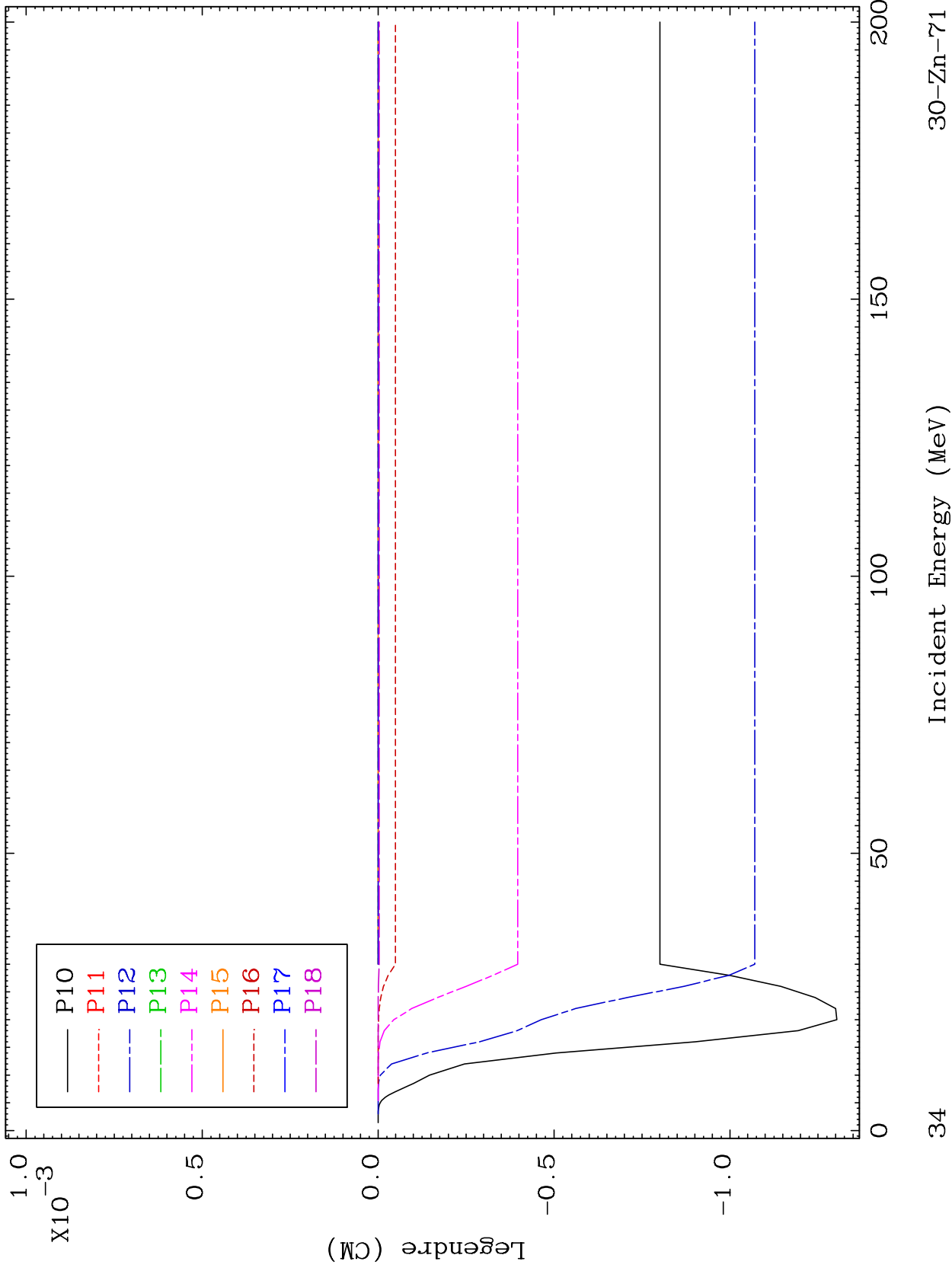




MAT 3046

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

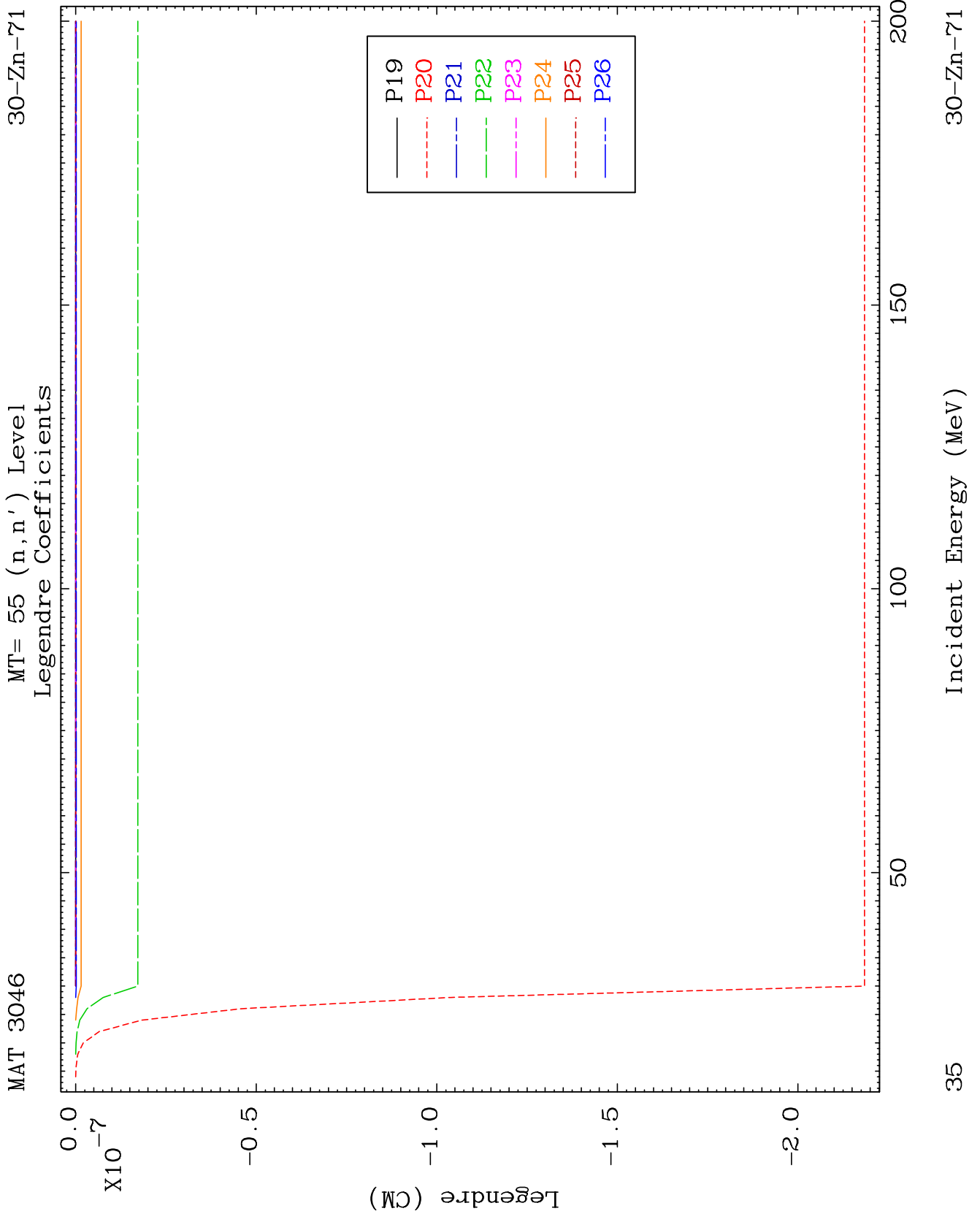
30-Zn-71

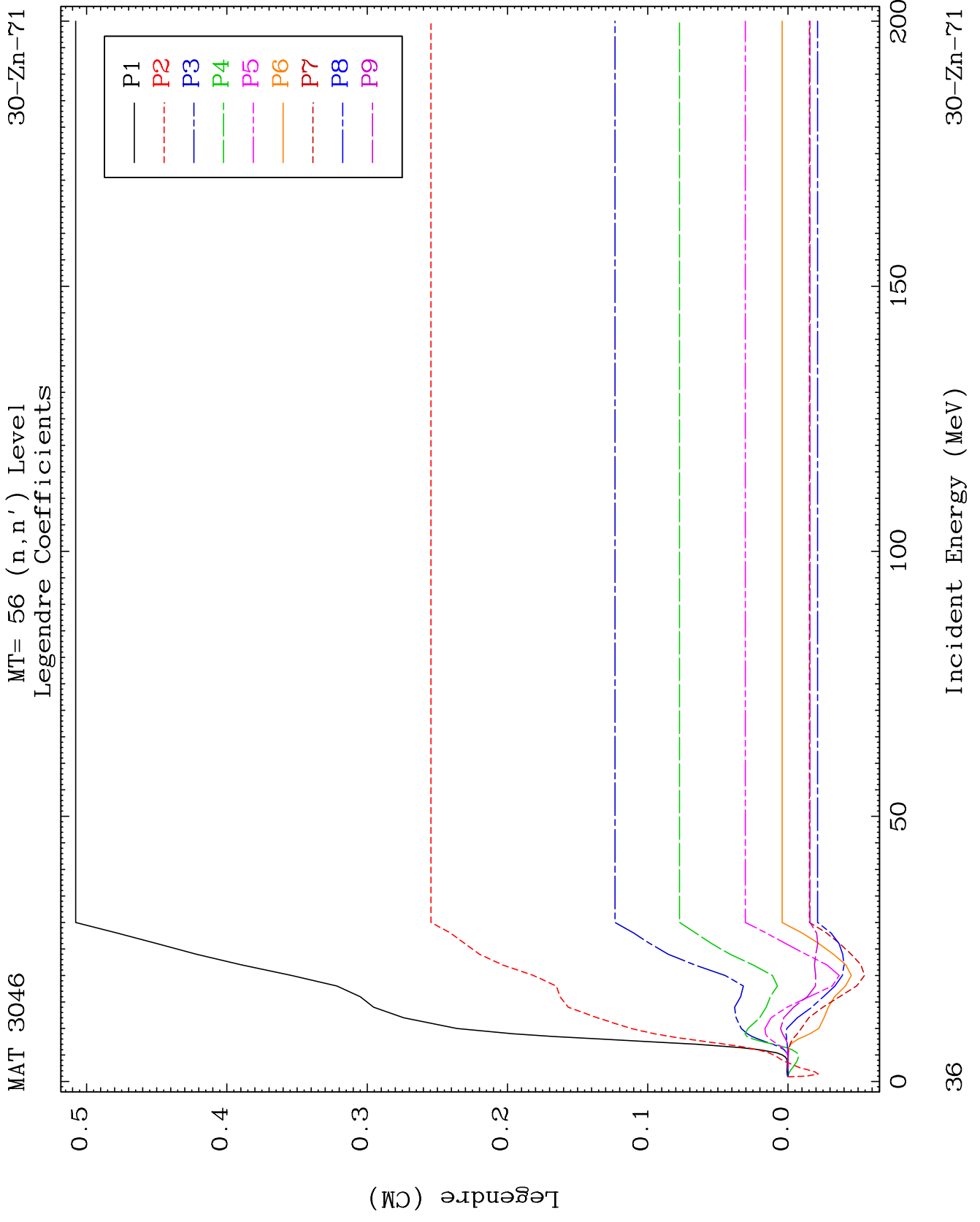


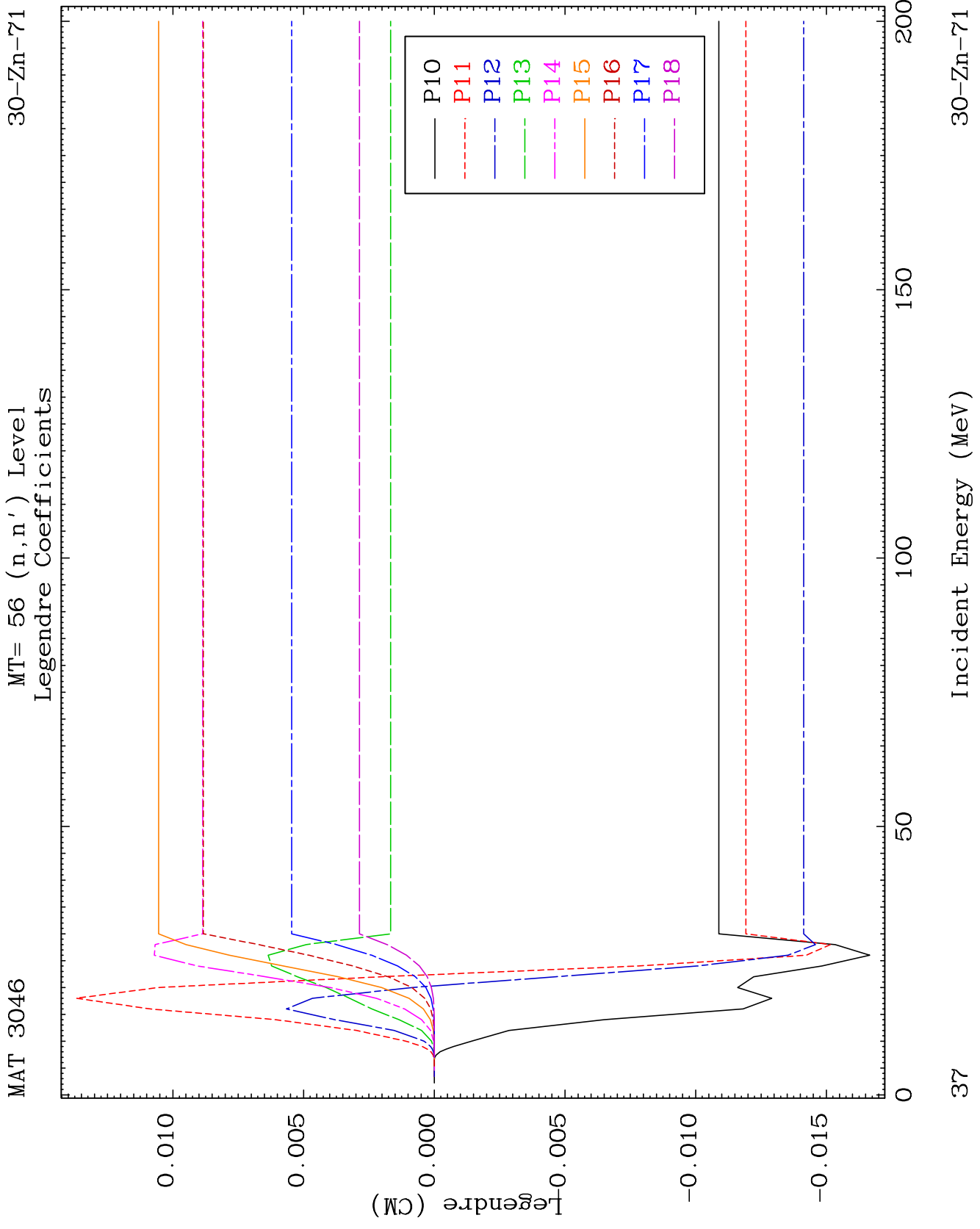
34

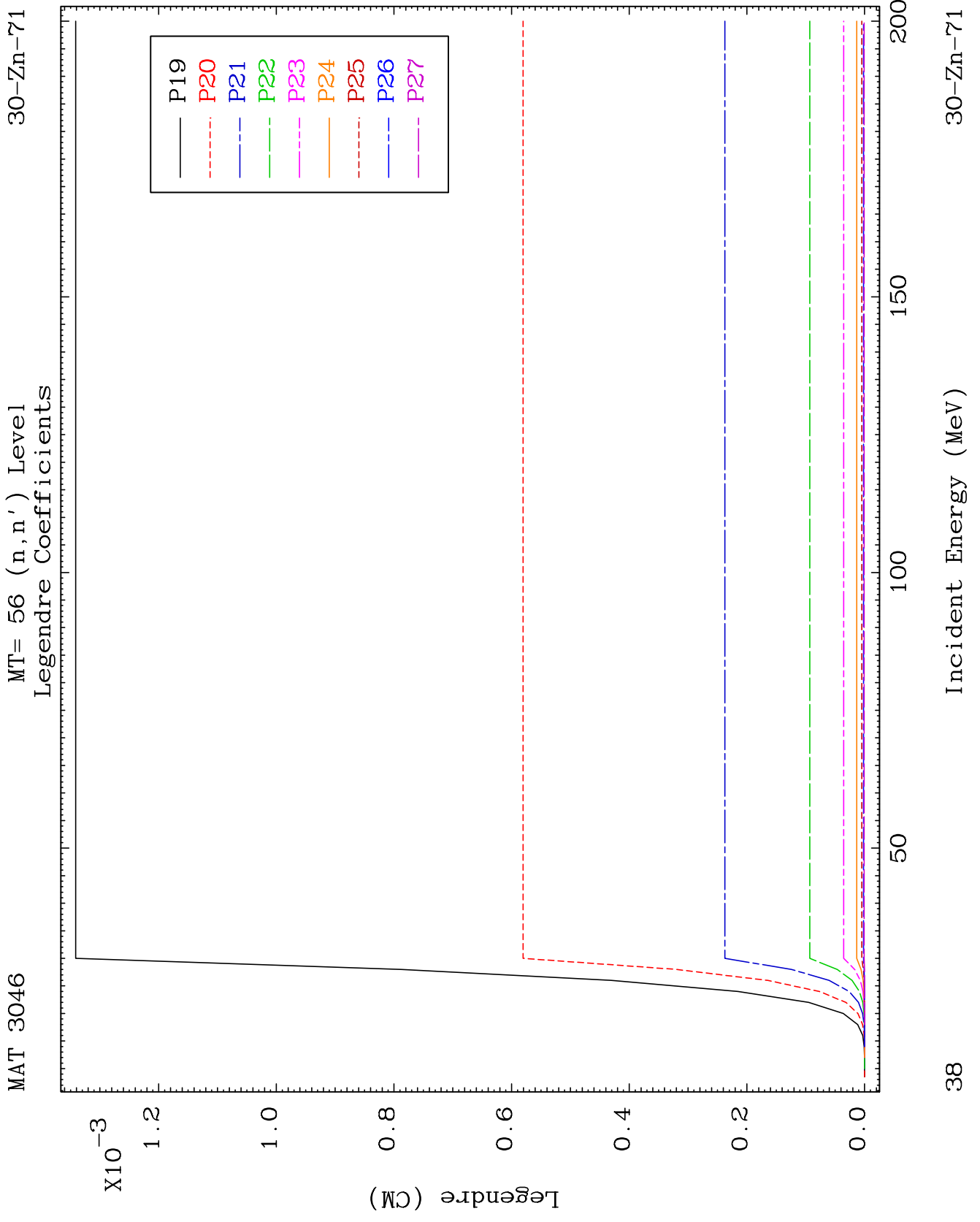
Incident Energy (MeV)

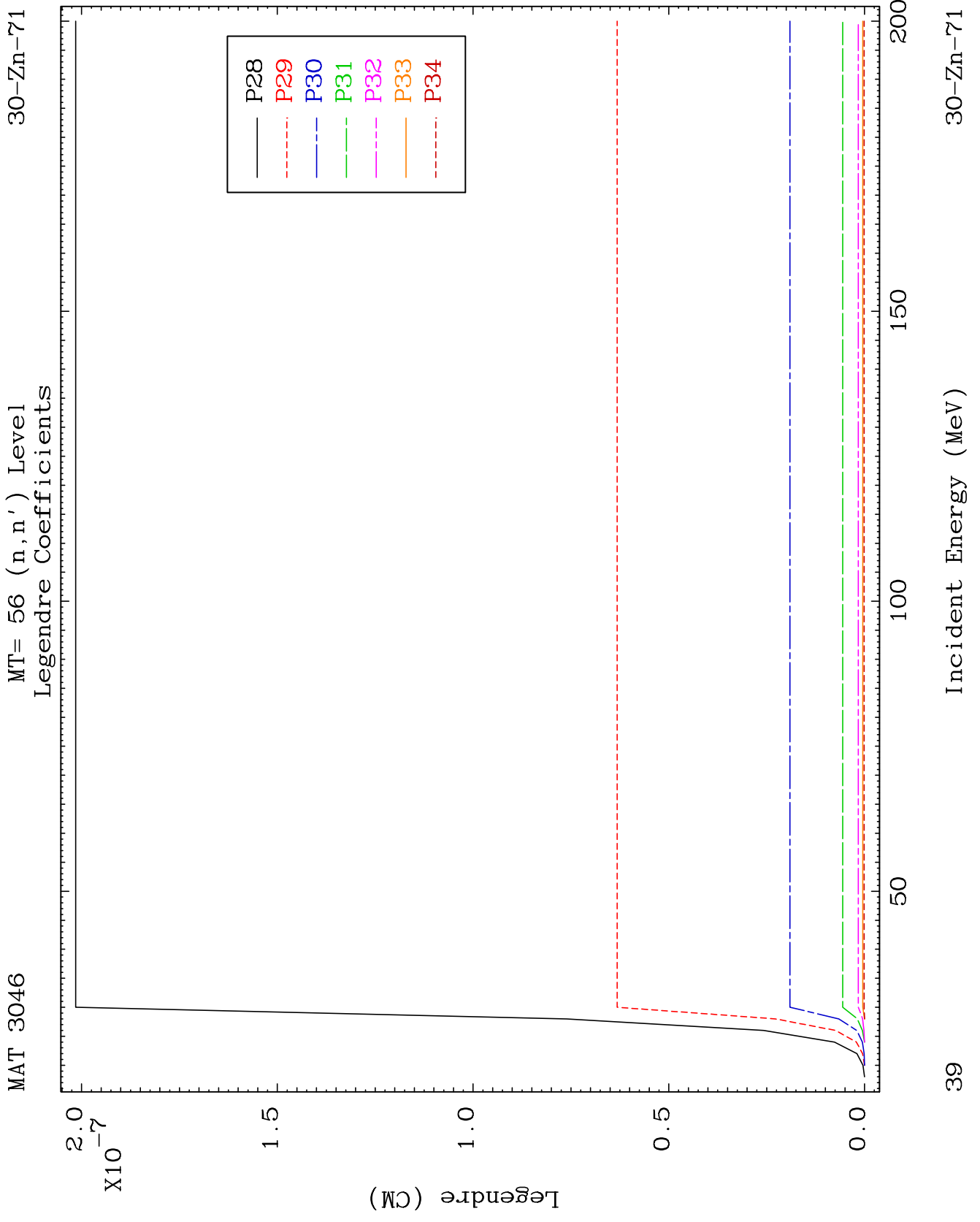
30-Zn-71



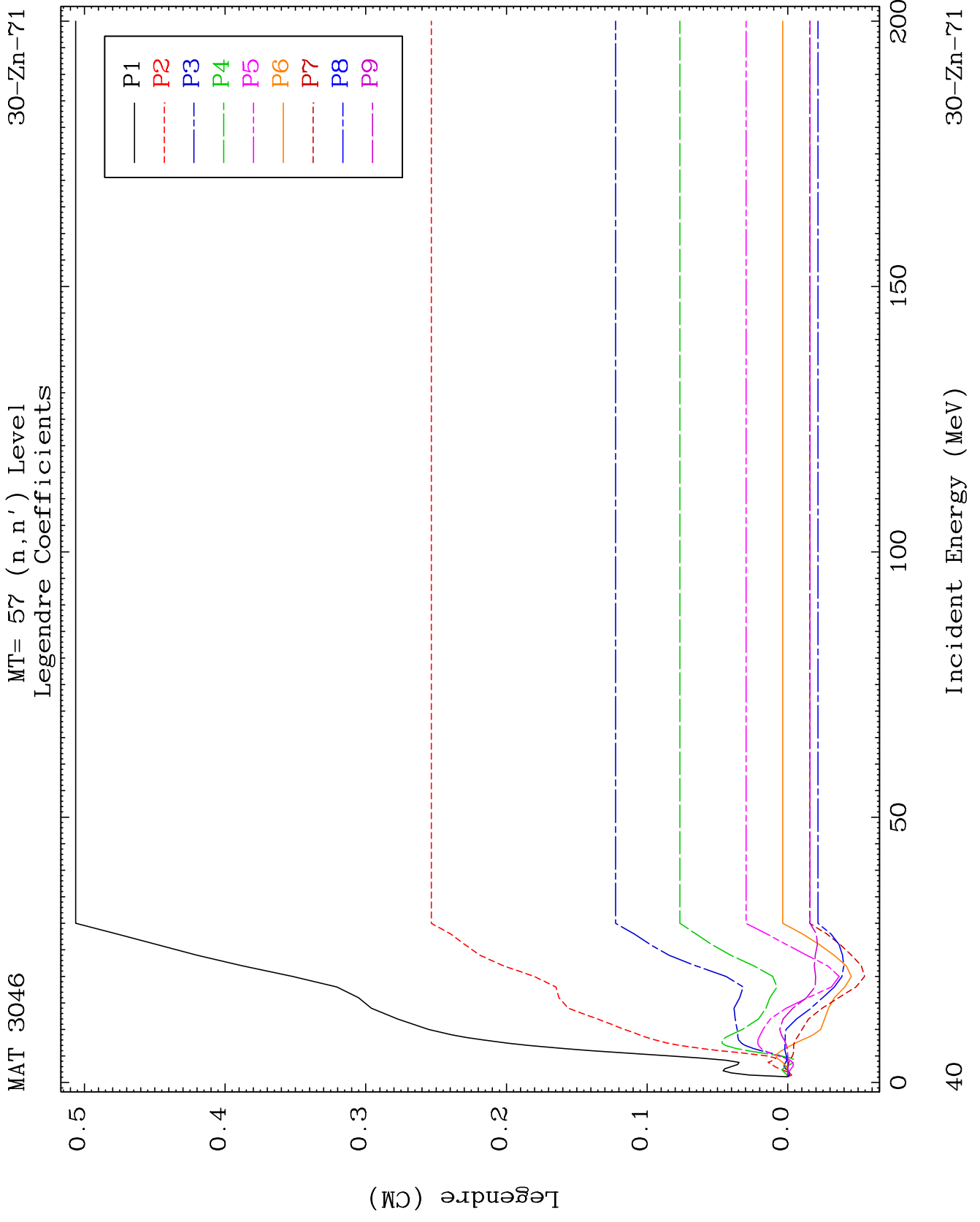


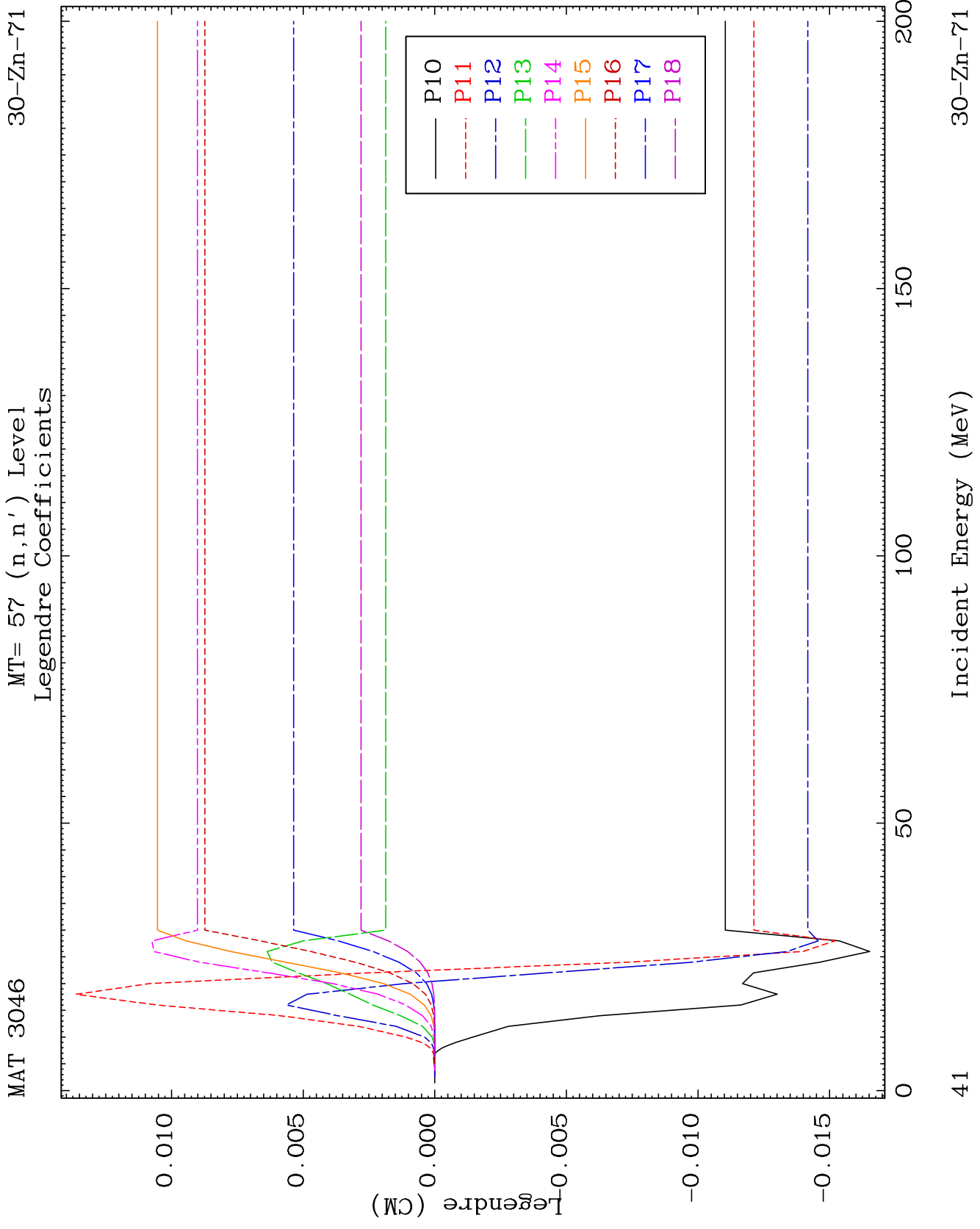








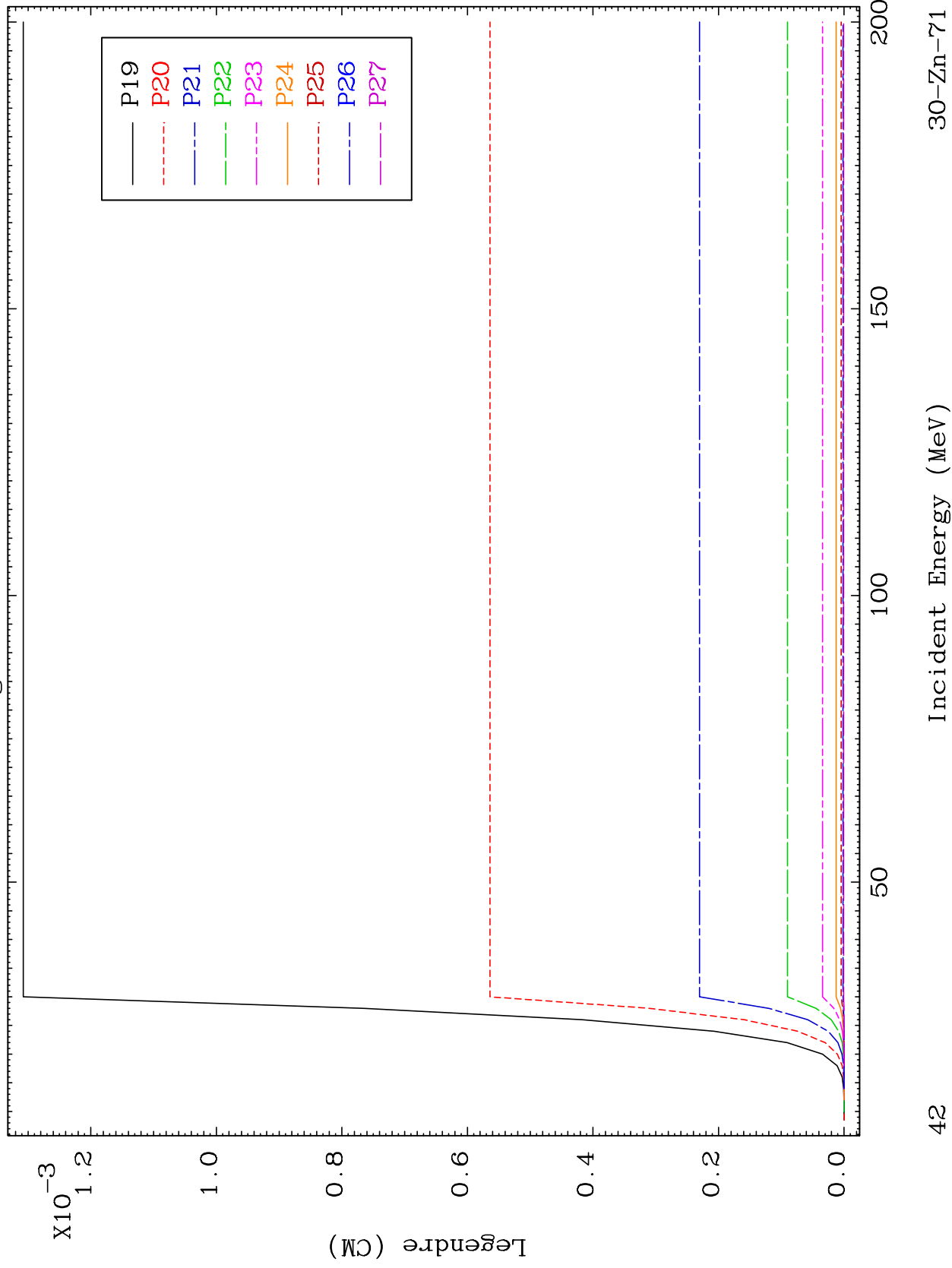




MAT 3046

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

30-Zn-71



42

Incident Energy (MeV)

30-Zn-71

200

150

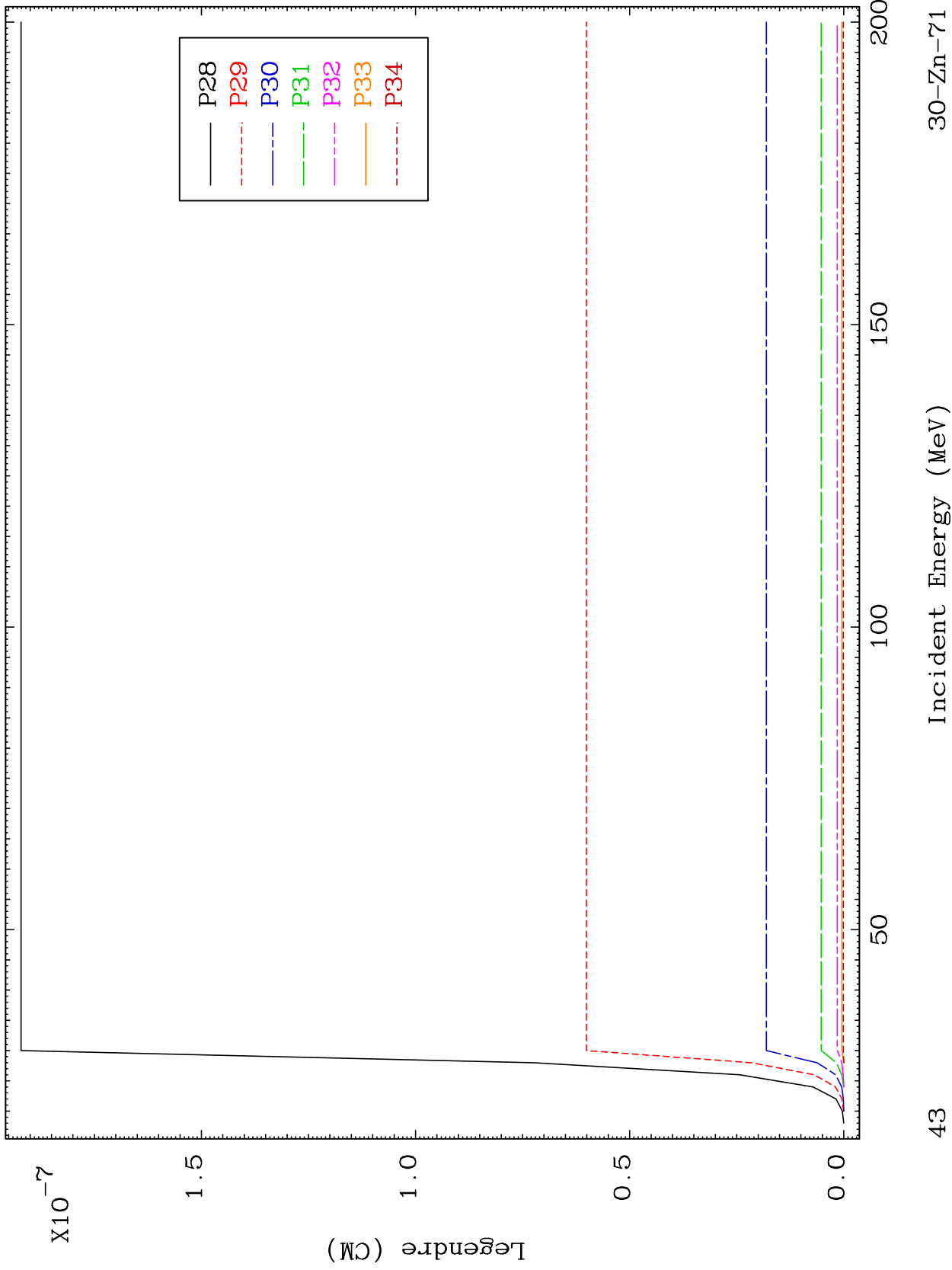
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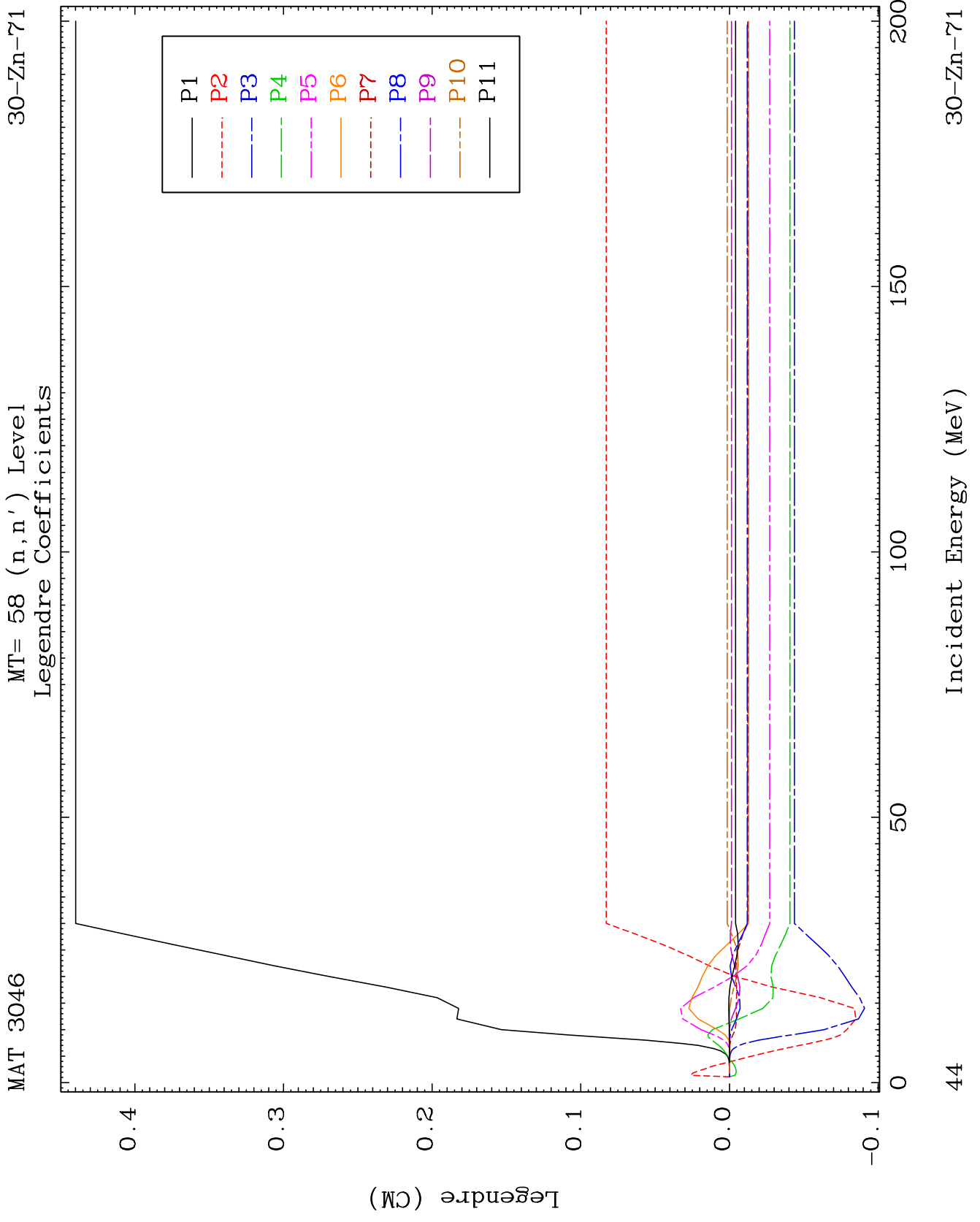
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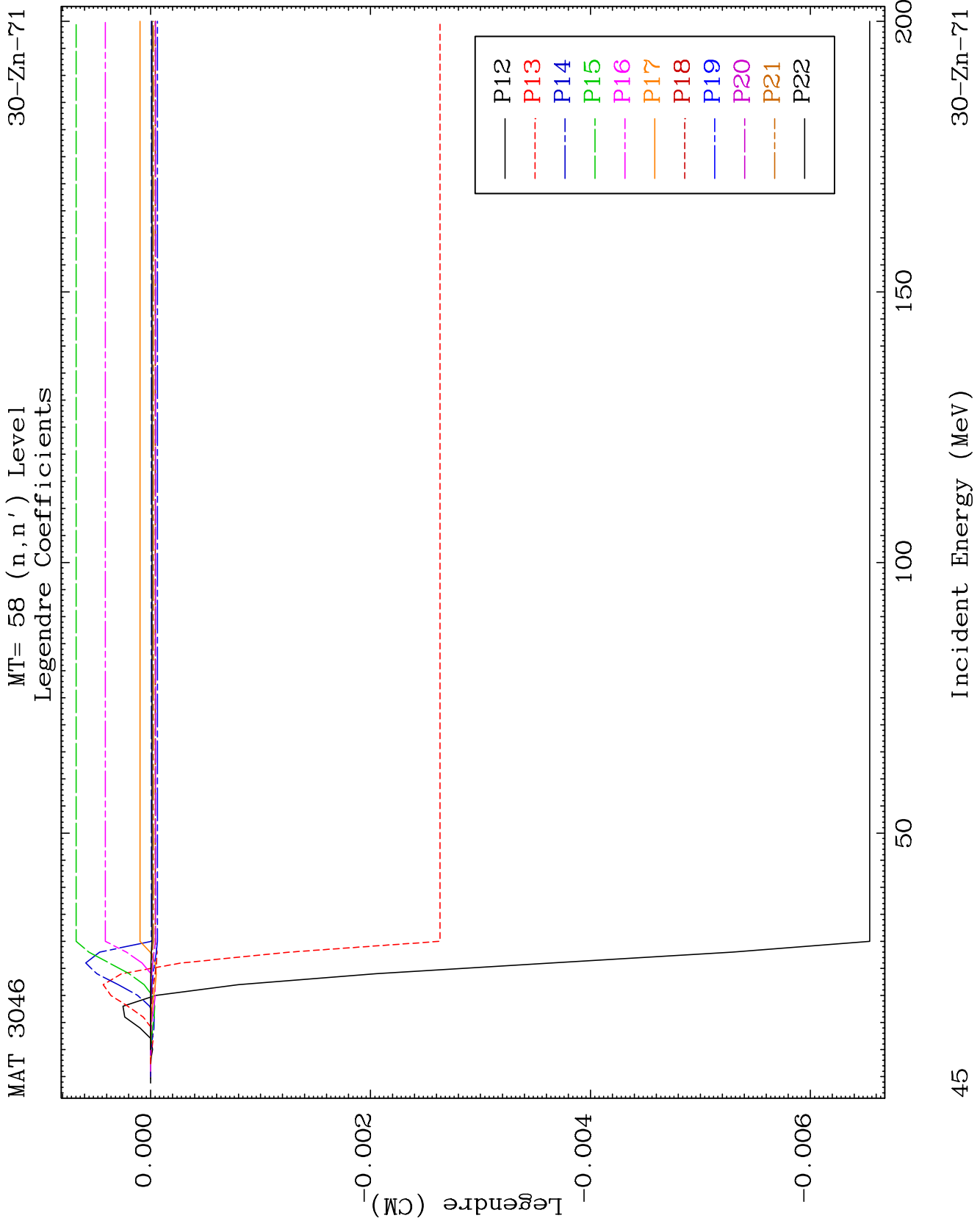
MAT 3046

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

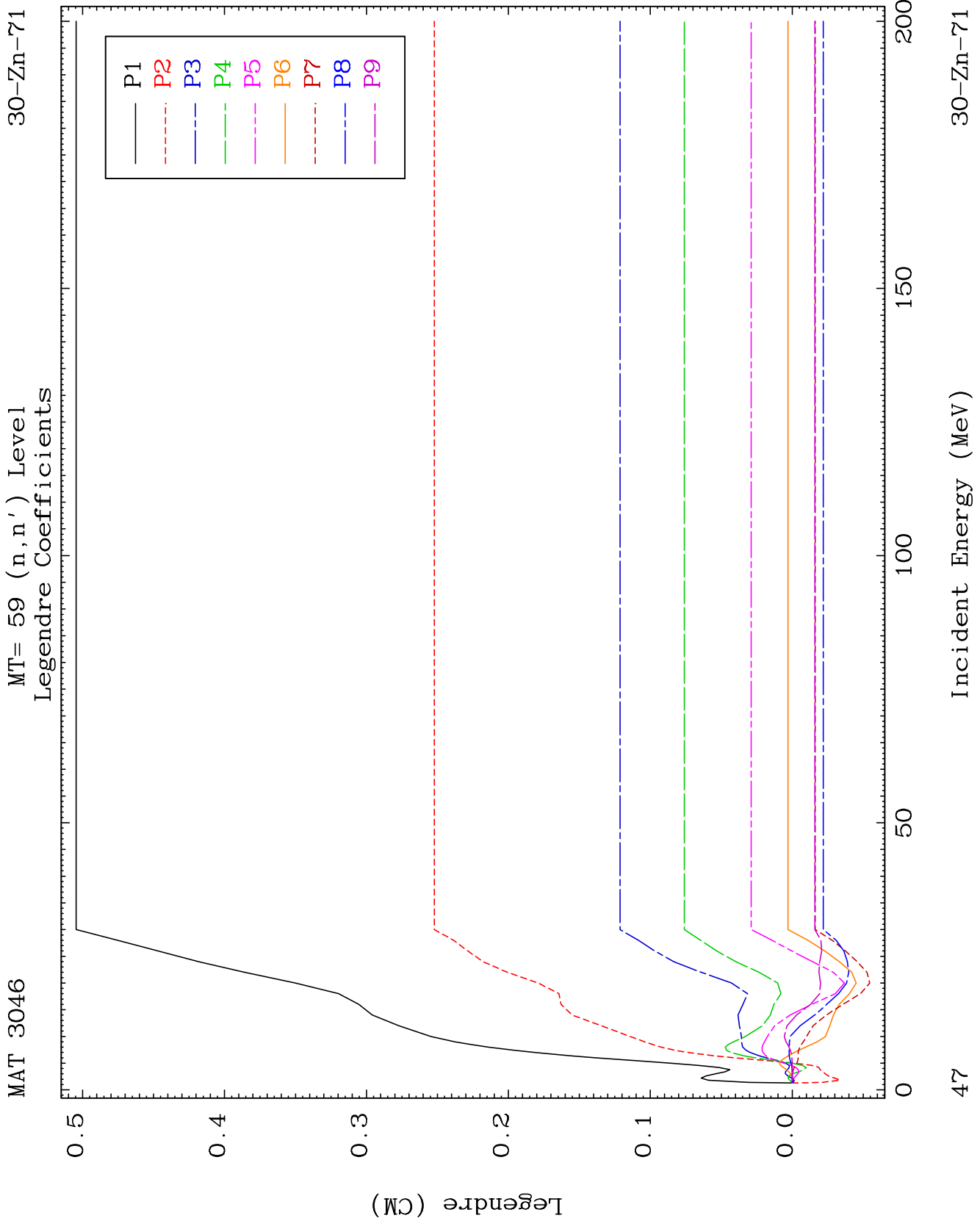
30-Zn-71



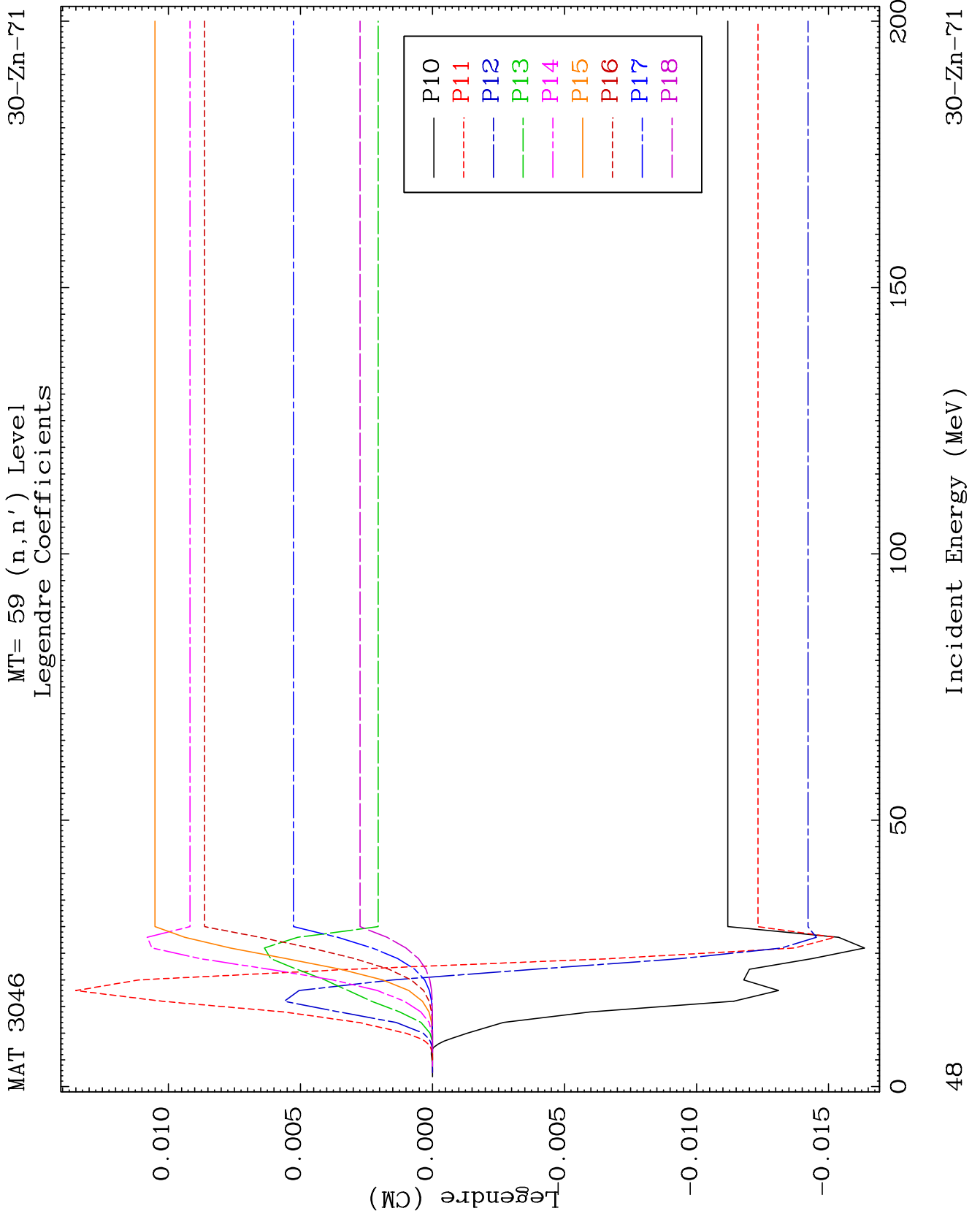




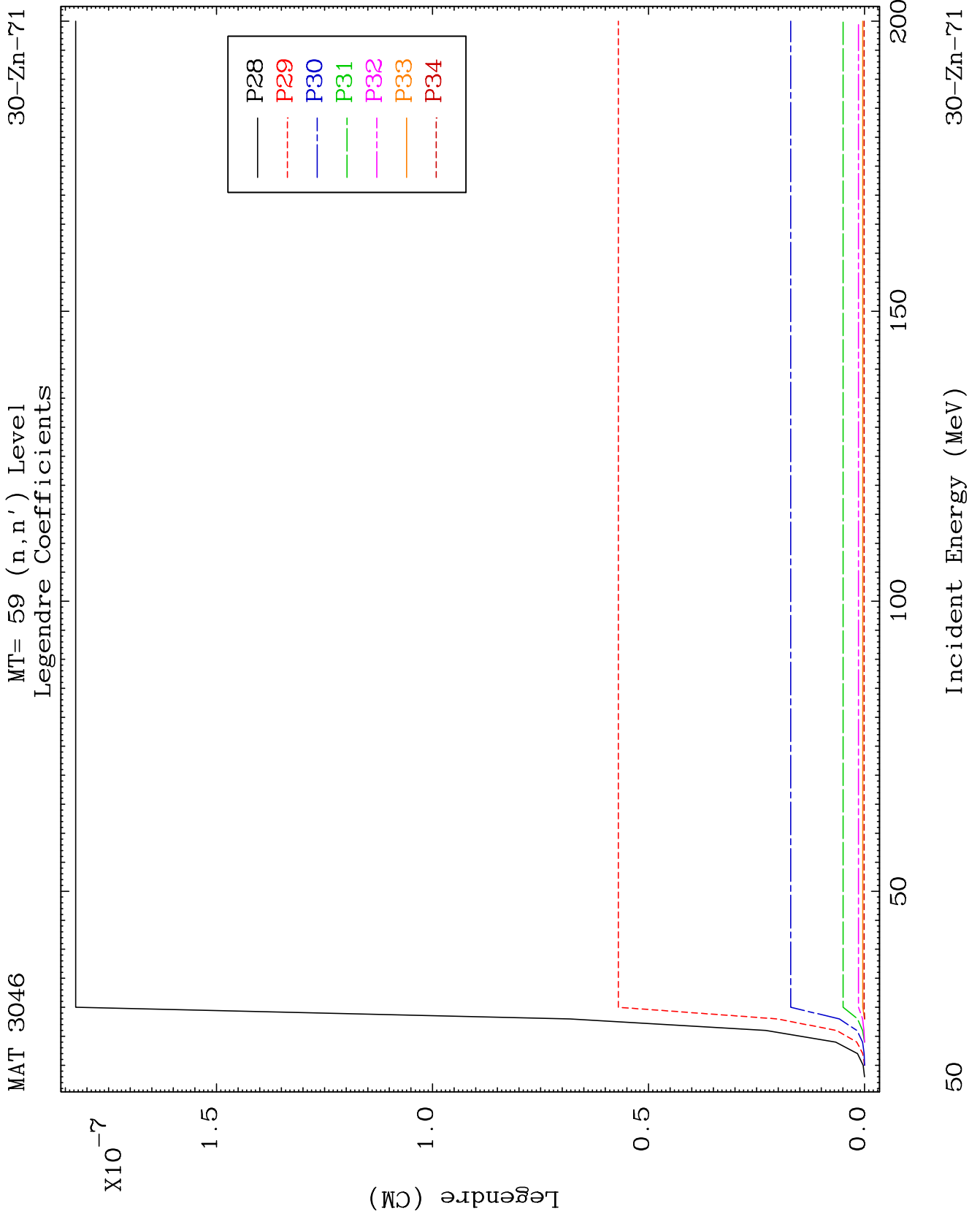


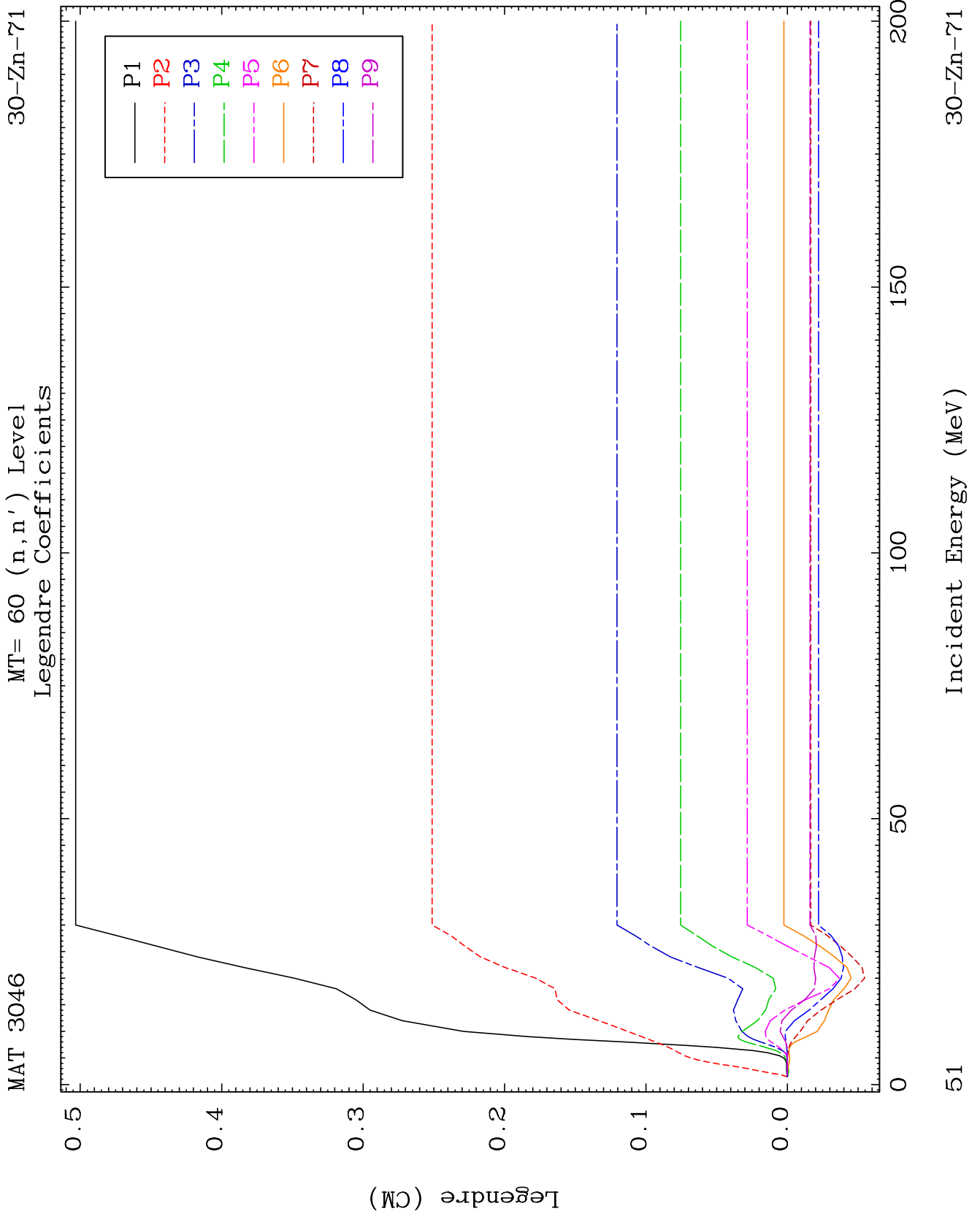








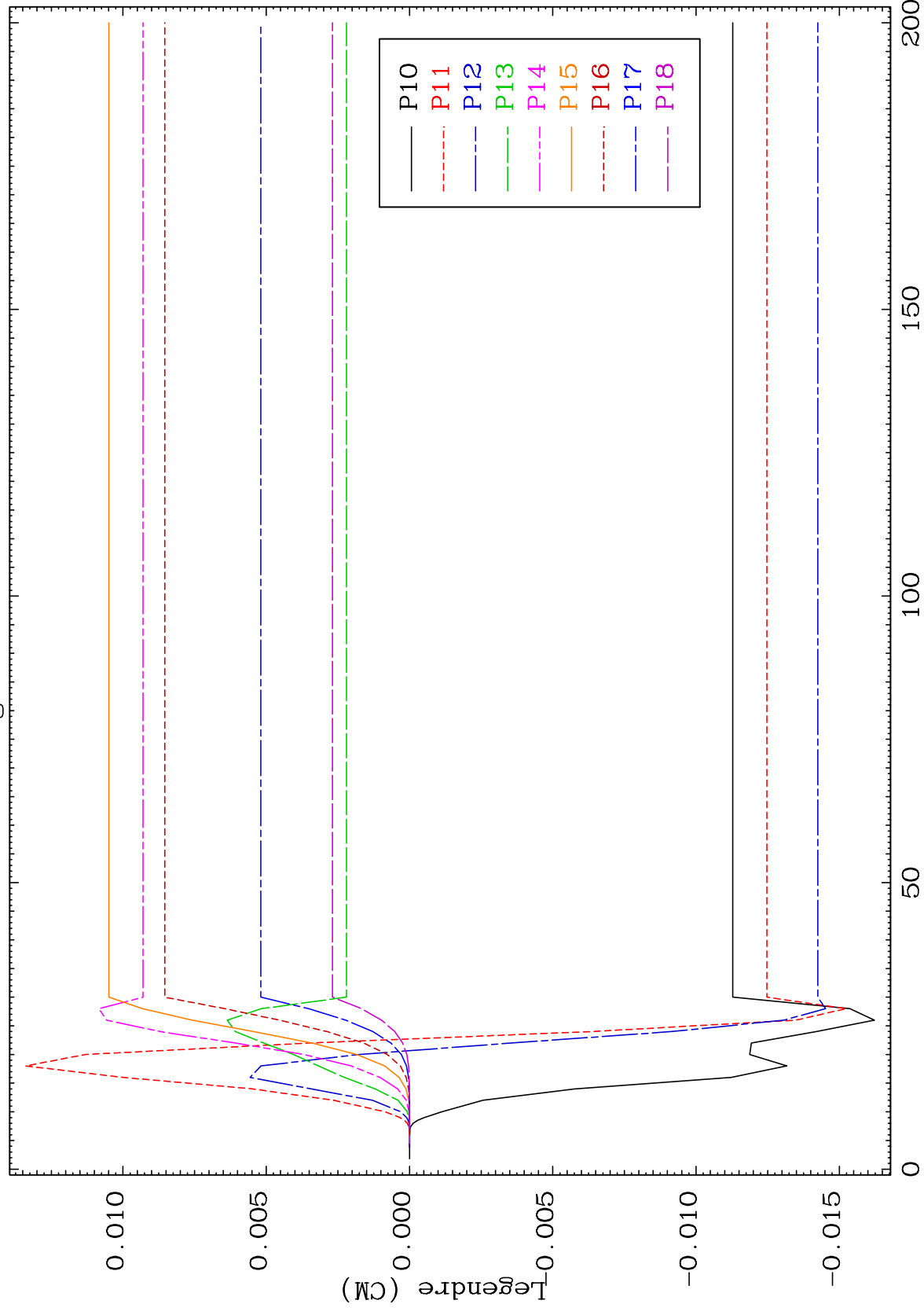




MAT 3046

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

30-Zn-71



52

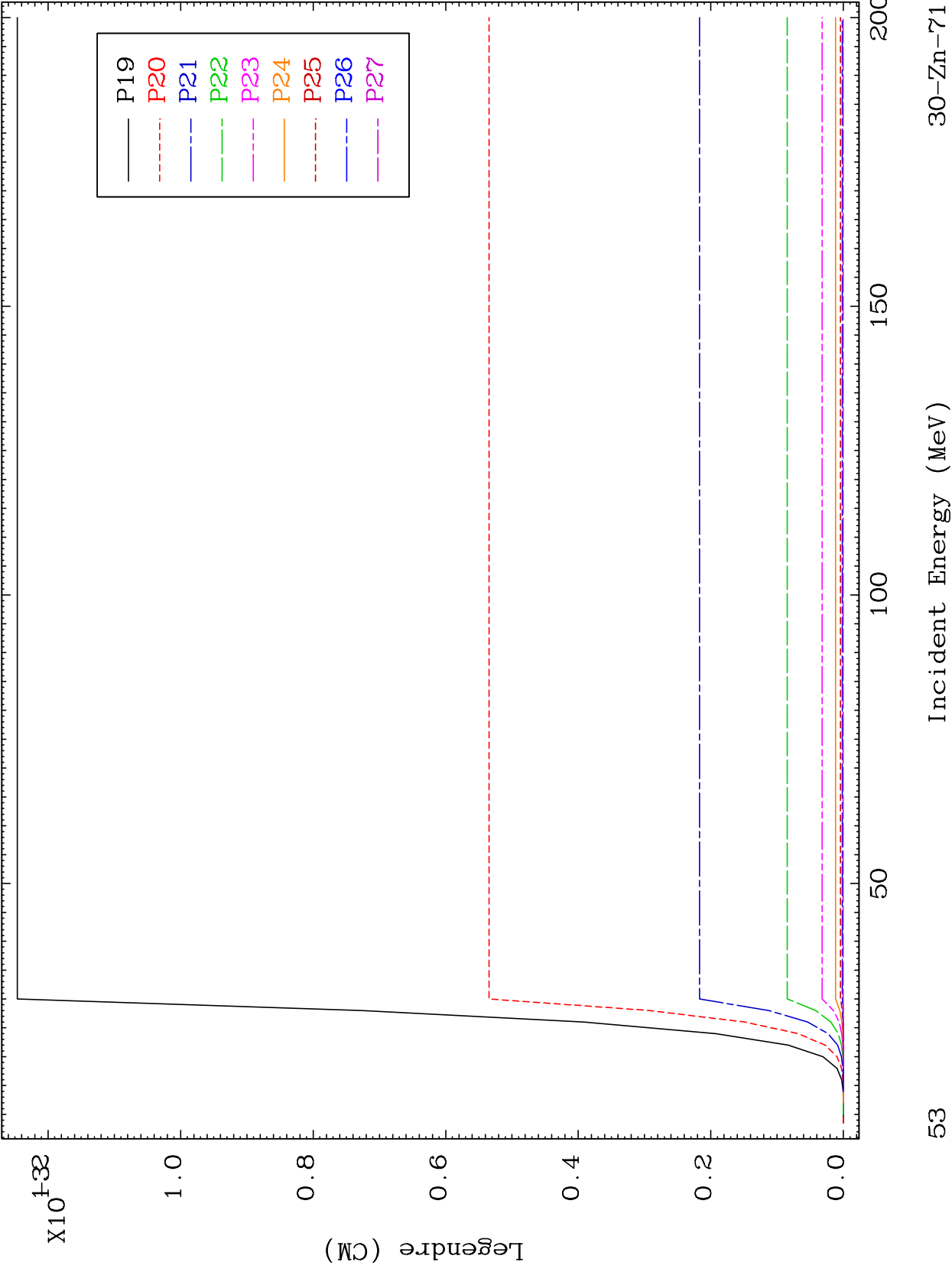
Incident Energy (MeV)

30-Zn-71

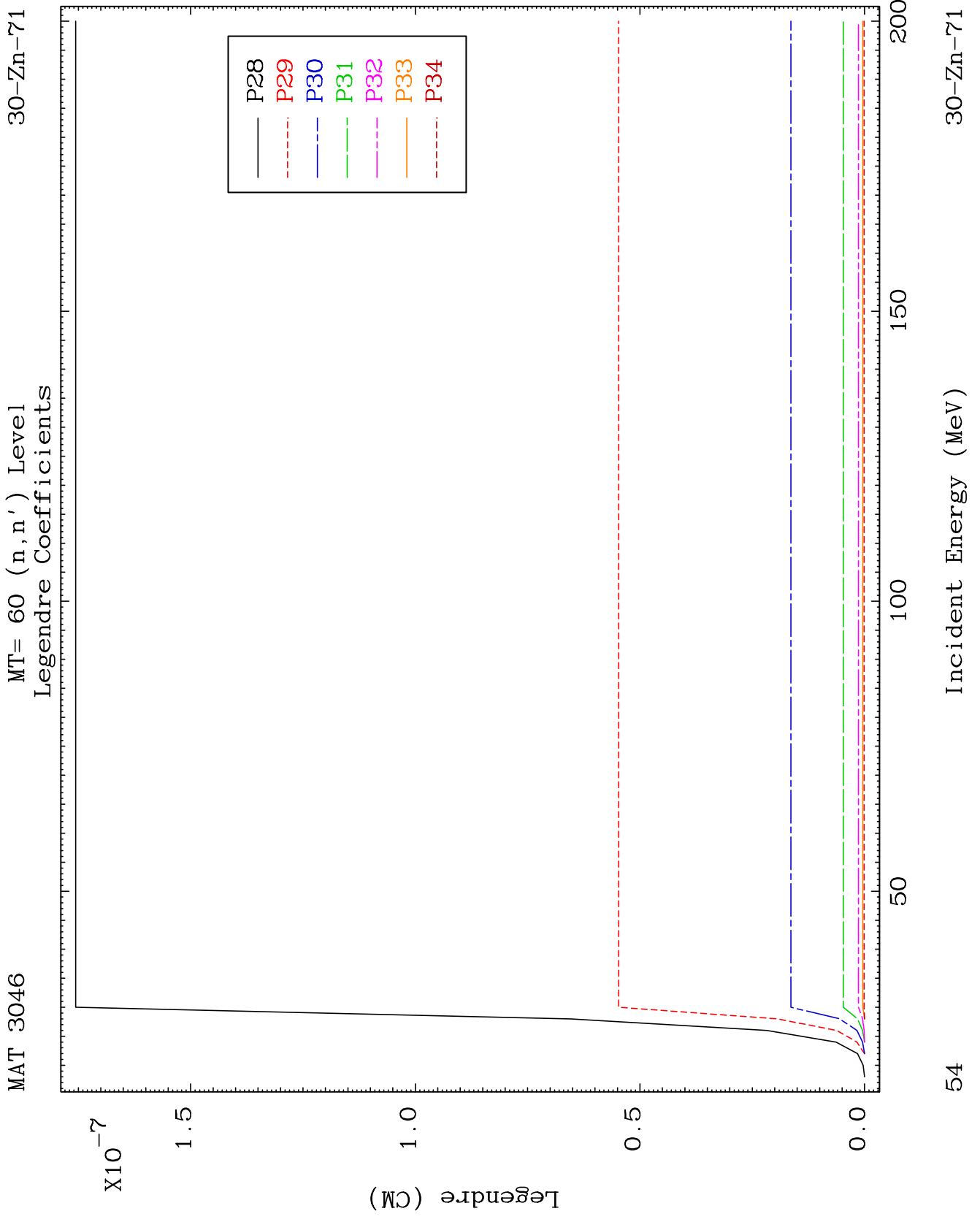
MAT 3046

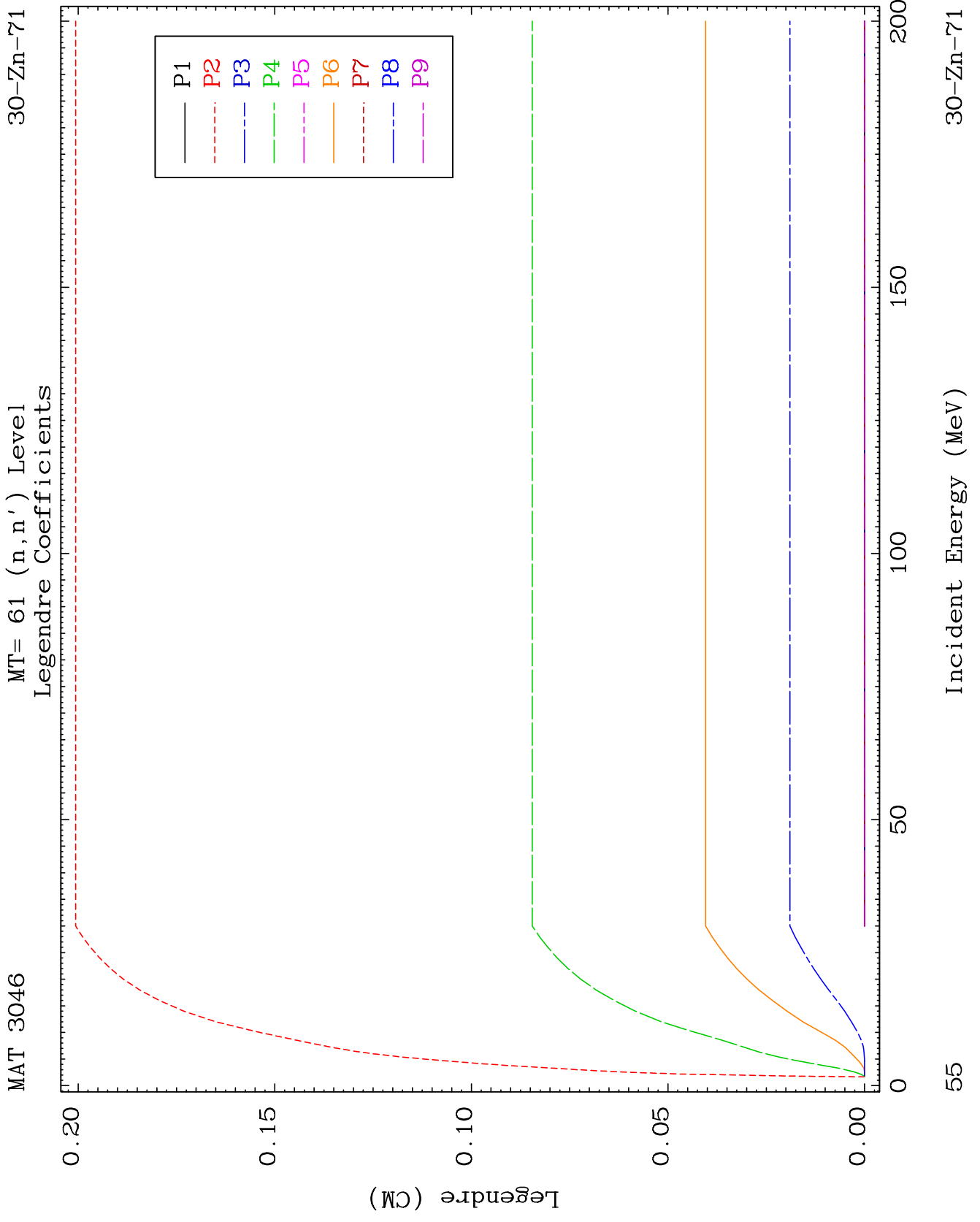
MT= 60 (n,n') Level  
Legendre Coefficients

30-Zn-71

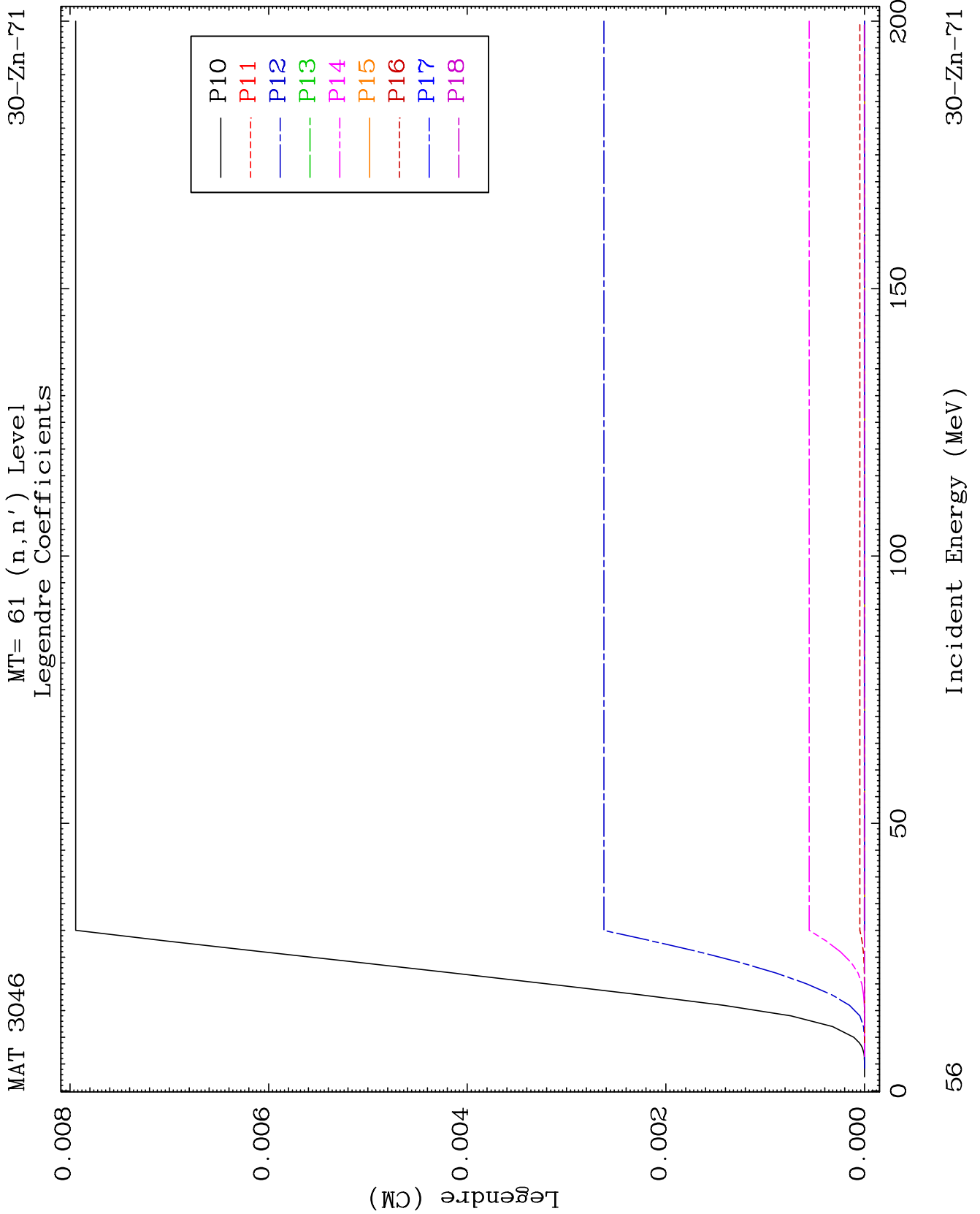


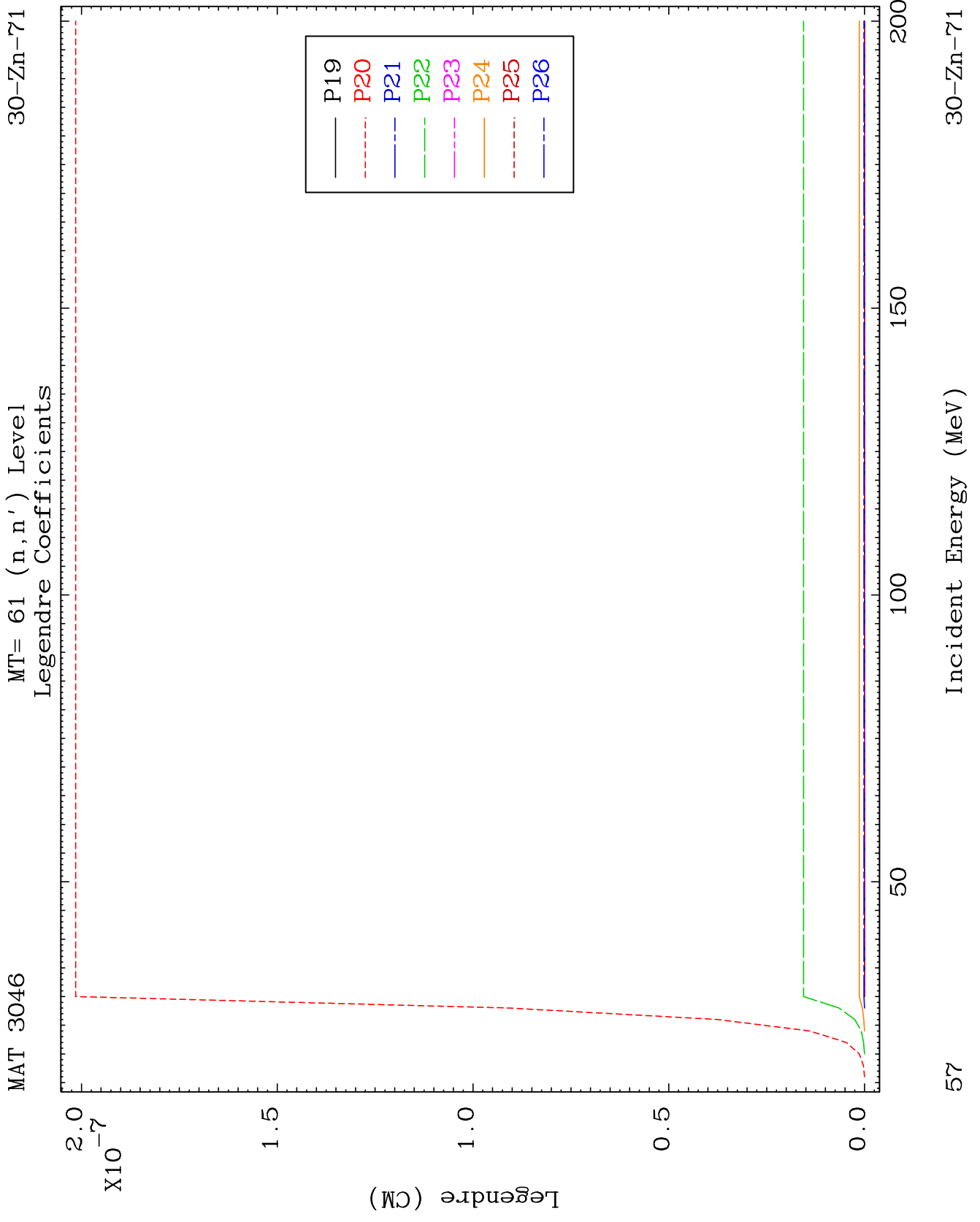
53







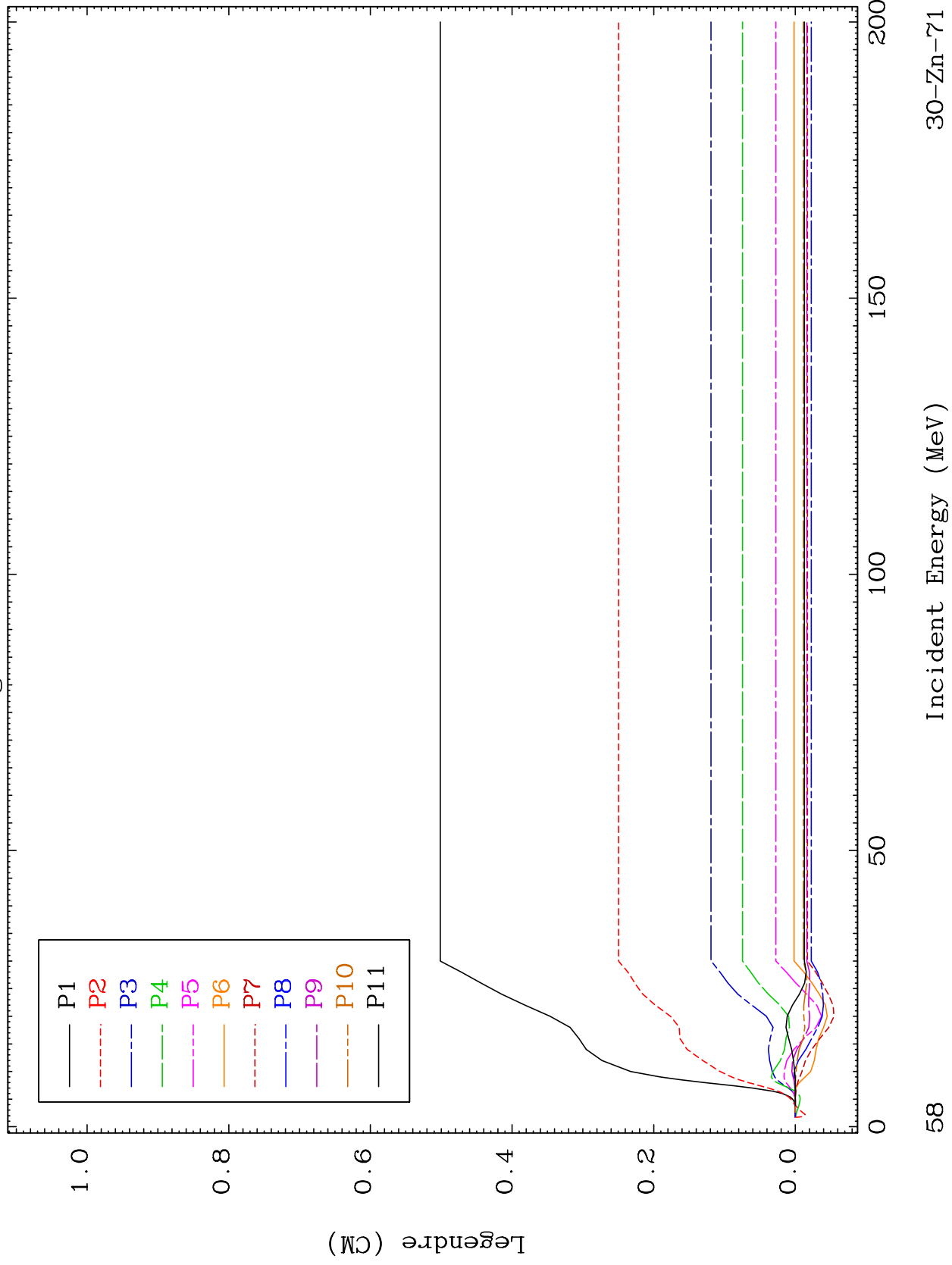




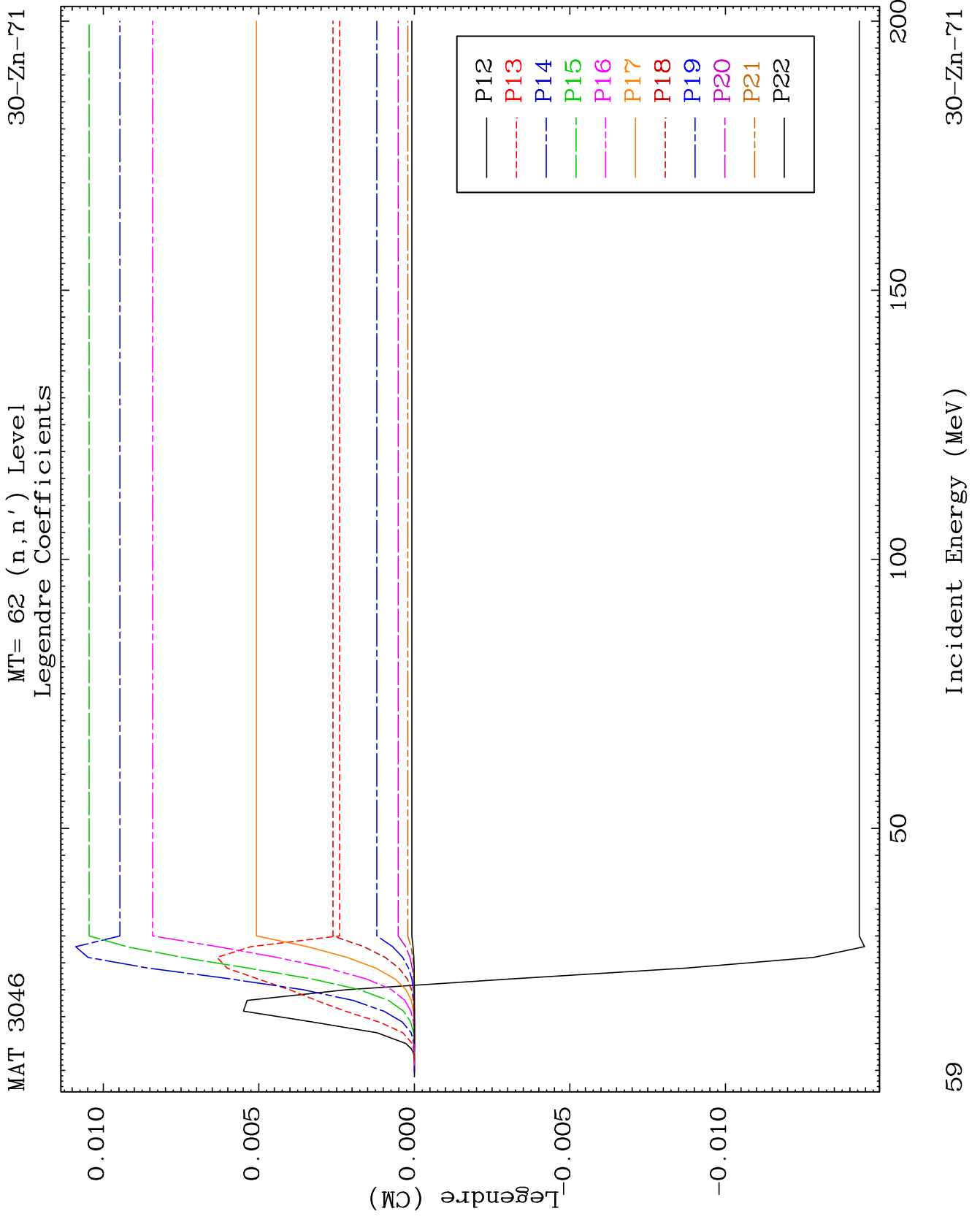
MAT 3046

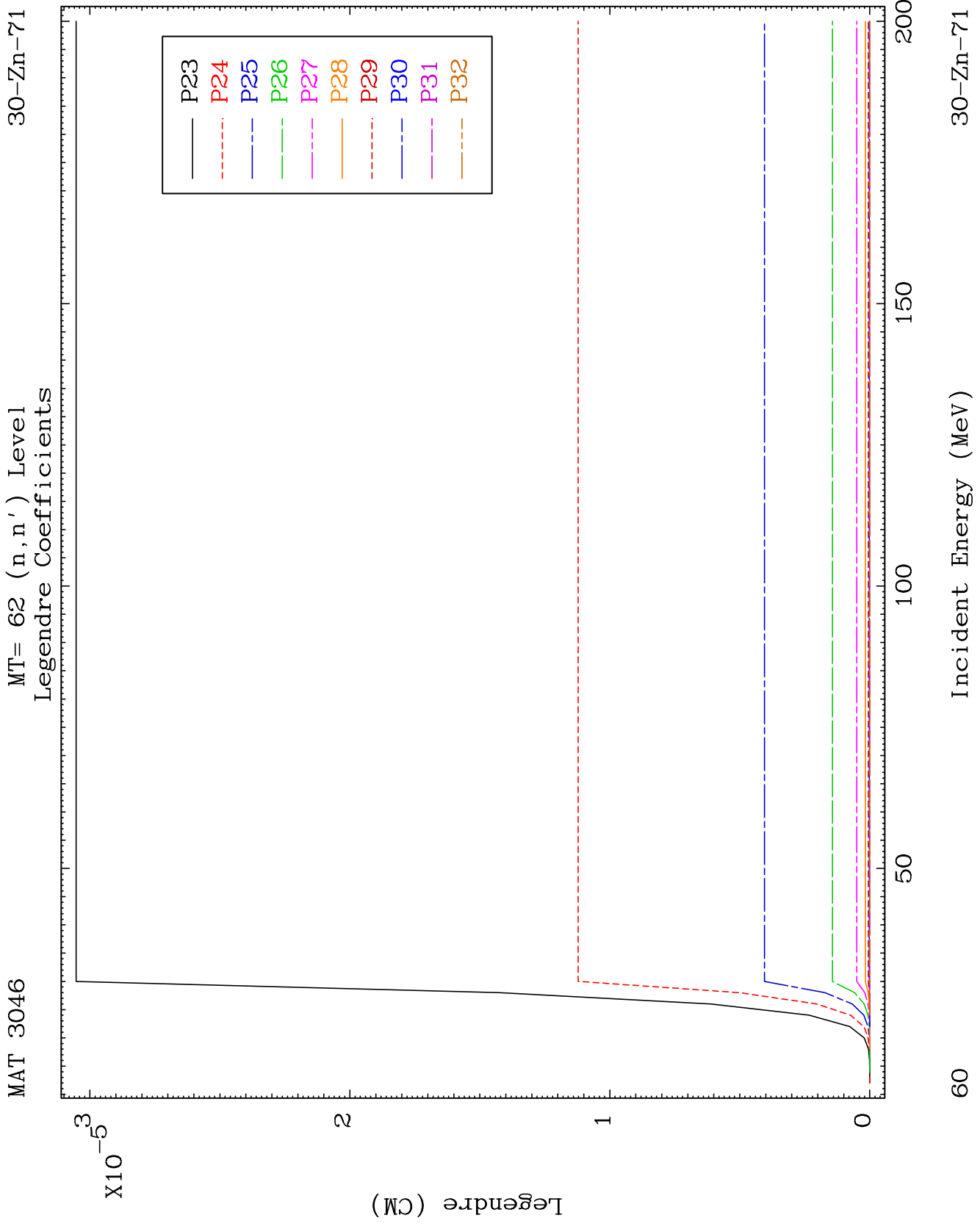
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Legendre Coefficients

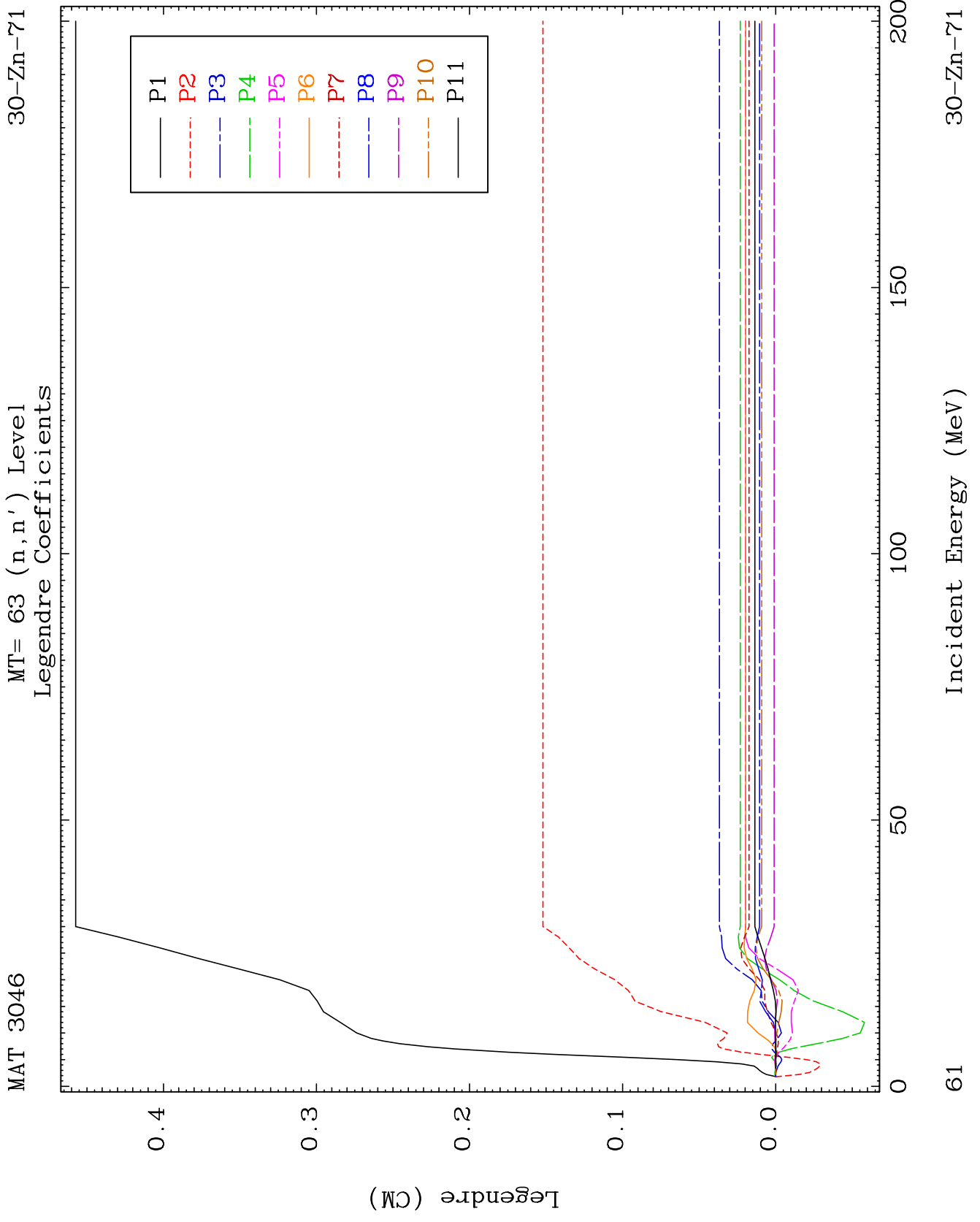
30-Zn-71



58



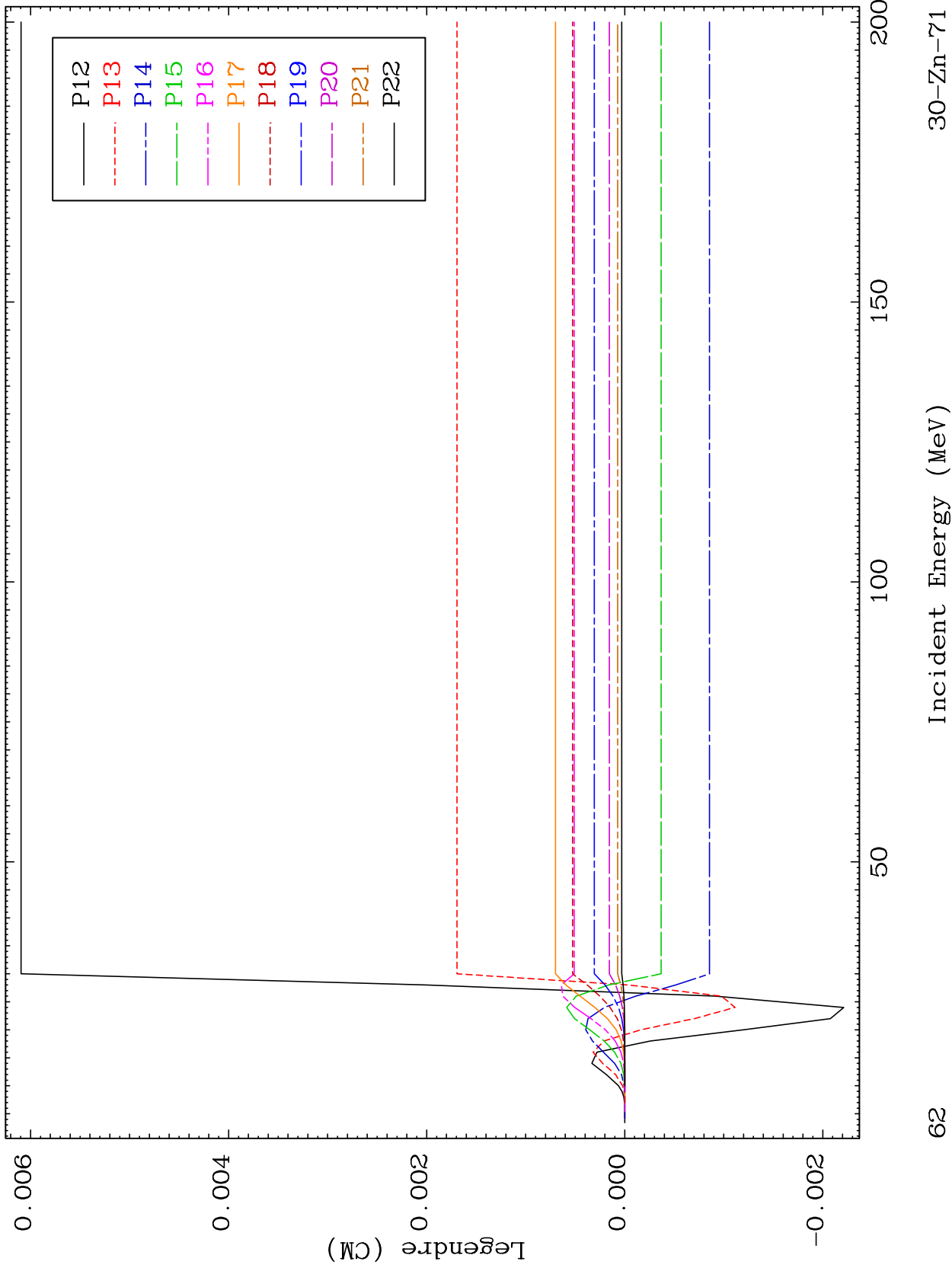




MAT 3046

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

30-Zn-71



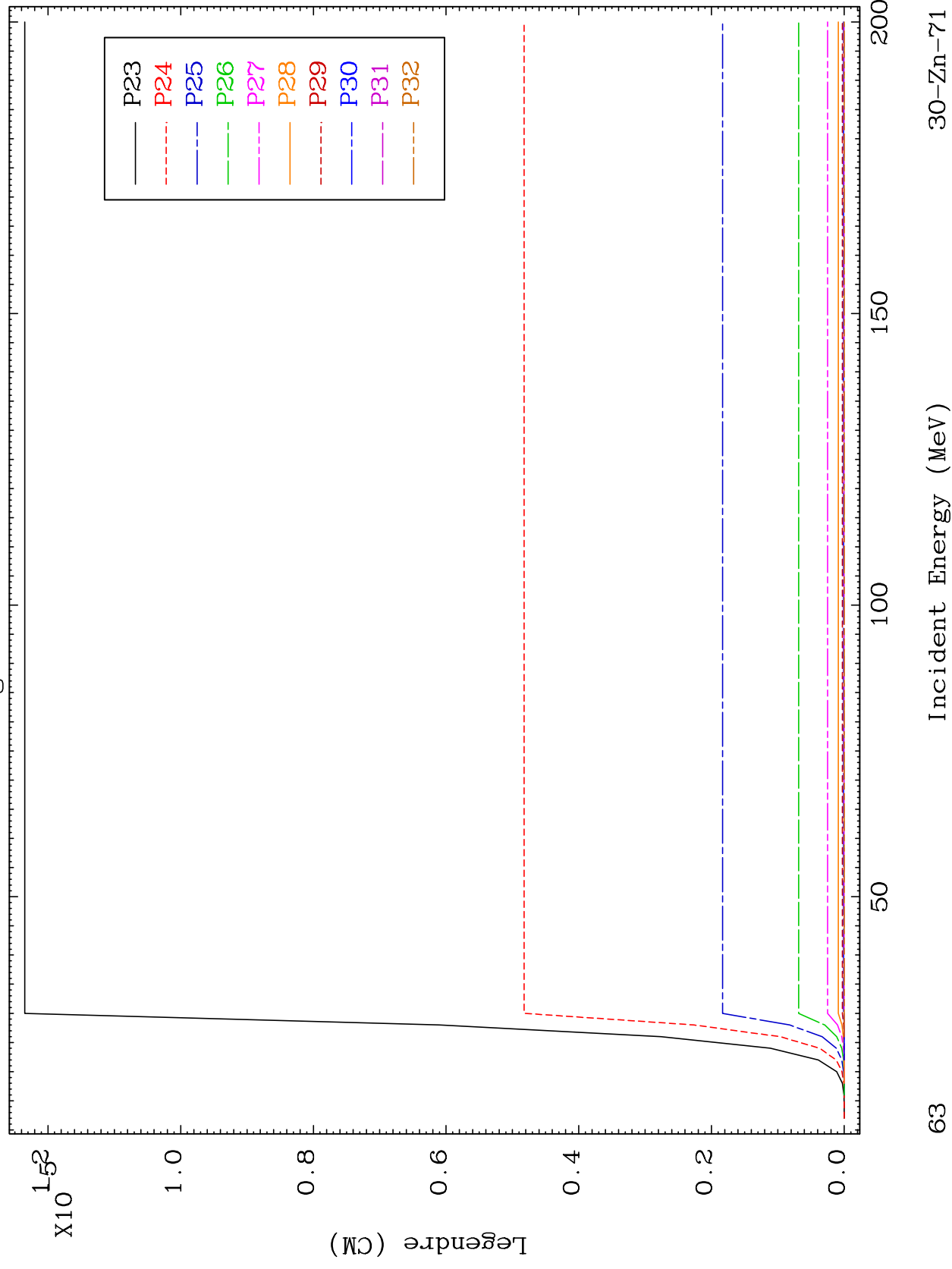
62

30-Zn-71

MAT 3046

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

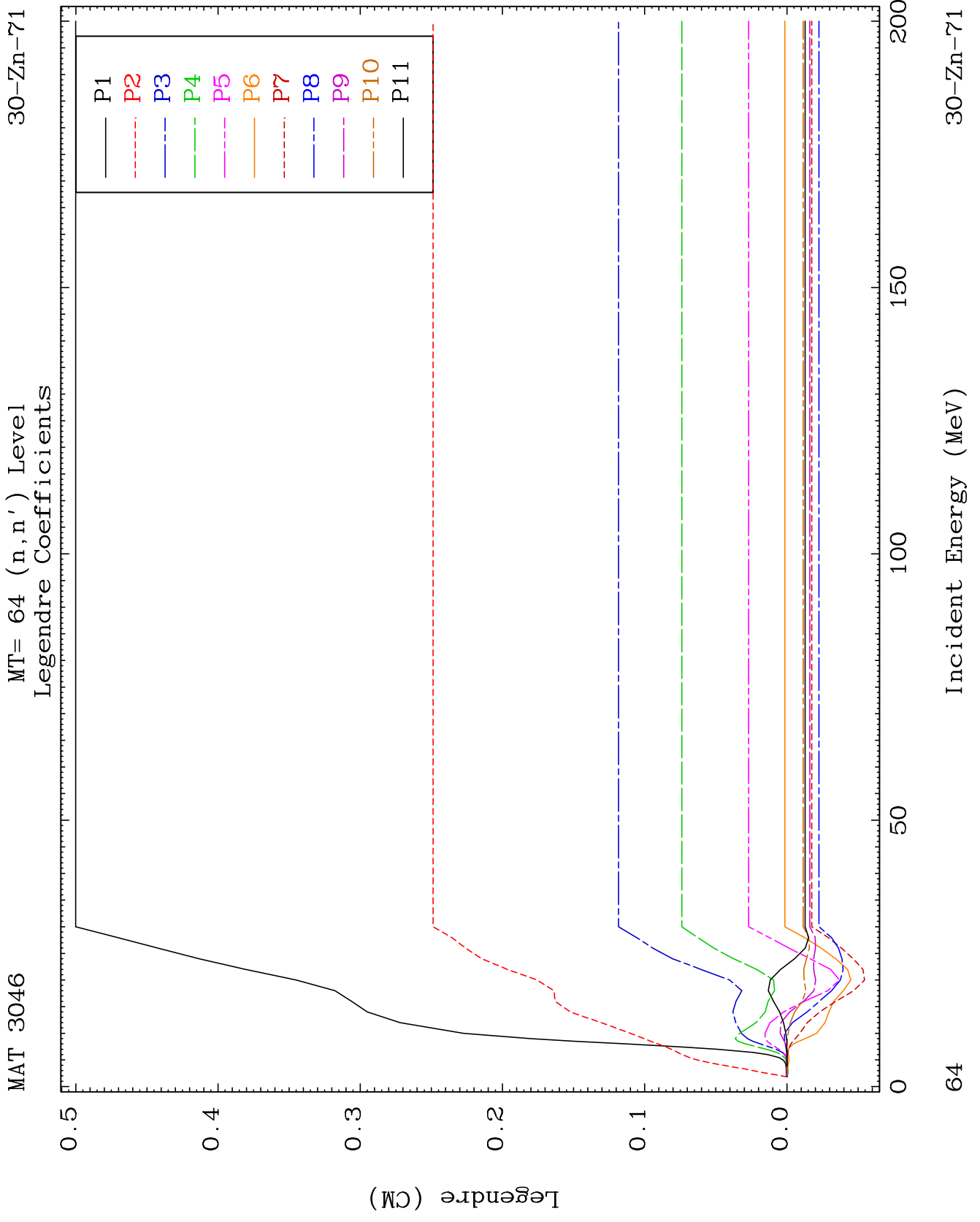
30-Zn-71

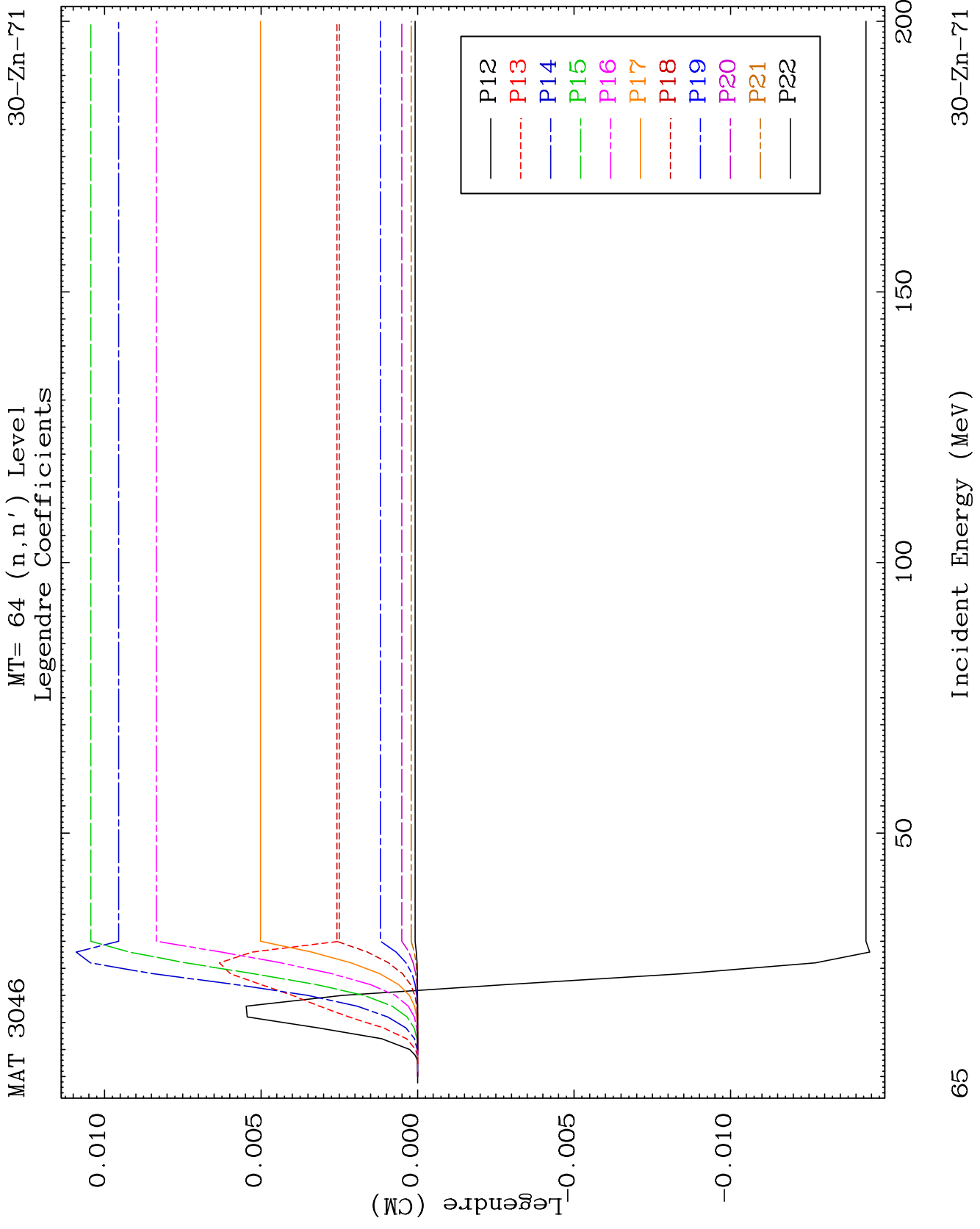


63

30-Zn-71



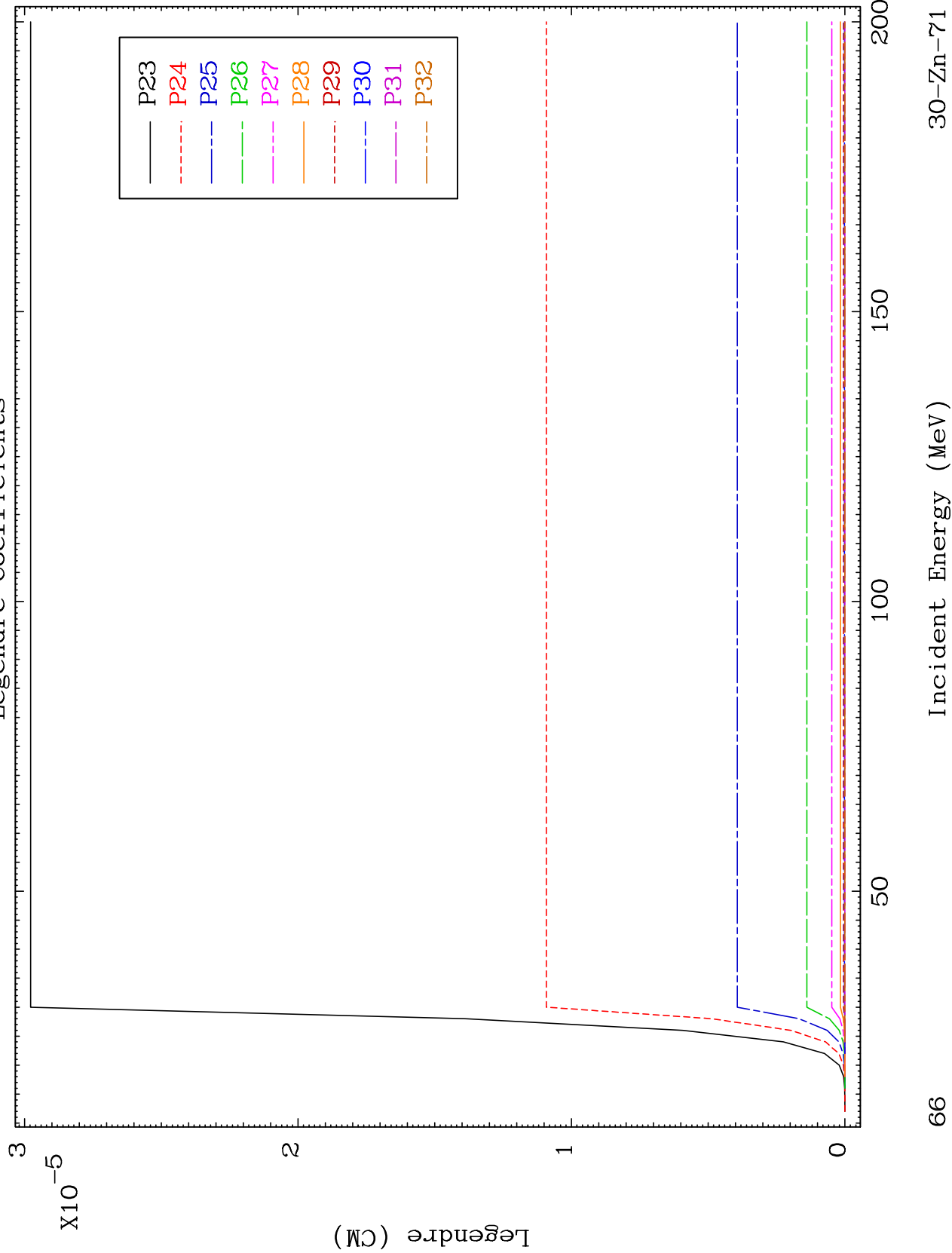




MAT 3046

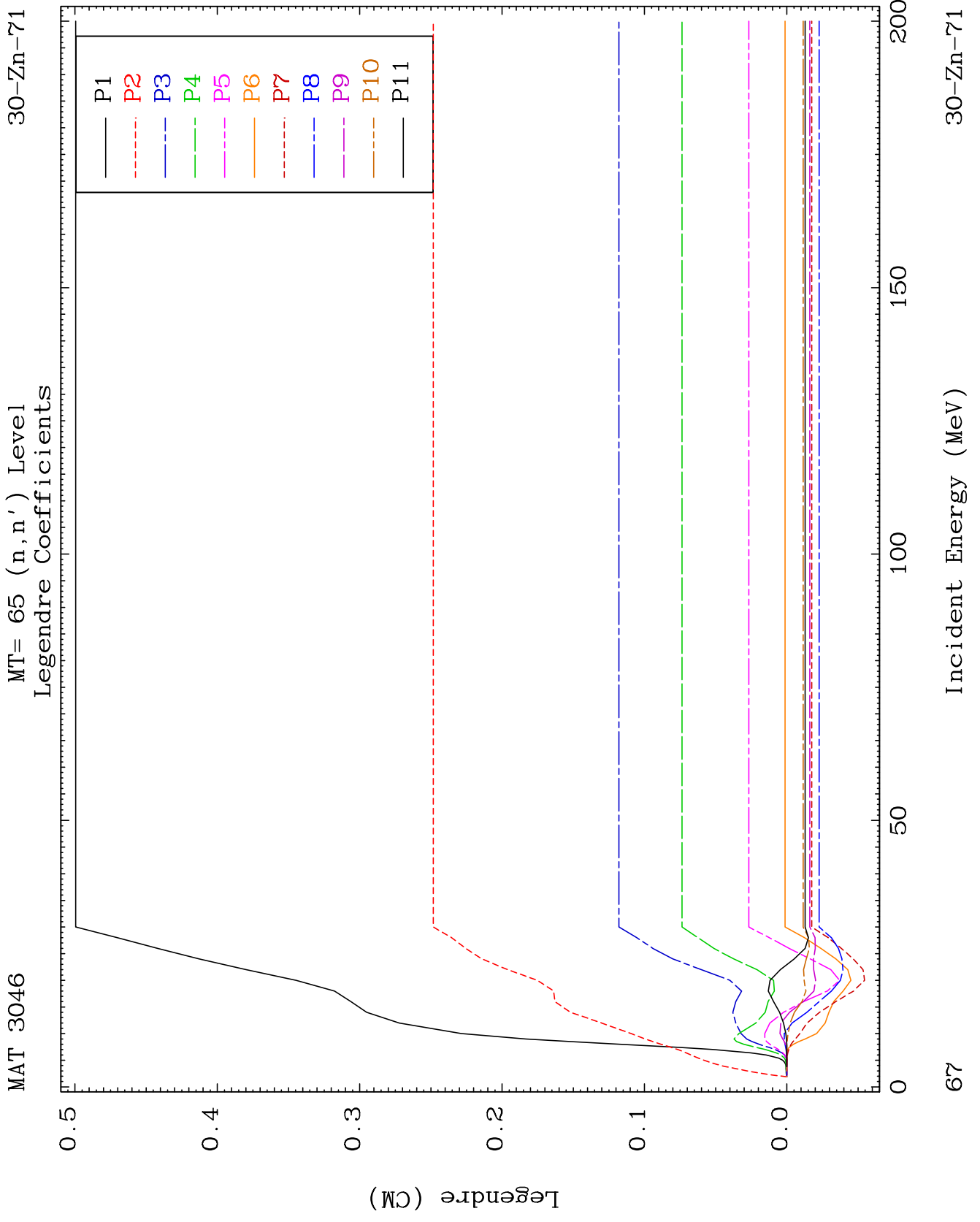
MT= 64 (n,n') Level  
Legendre Coefficients

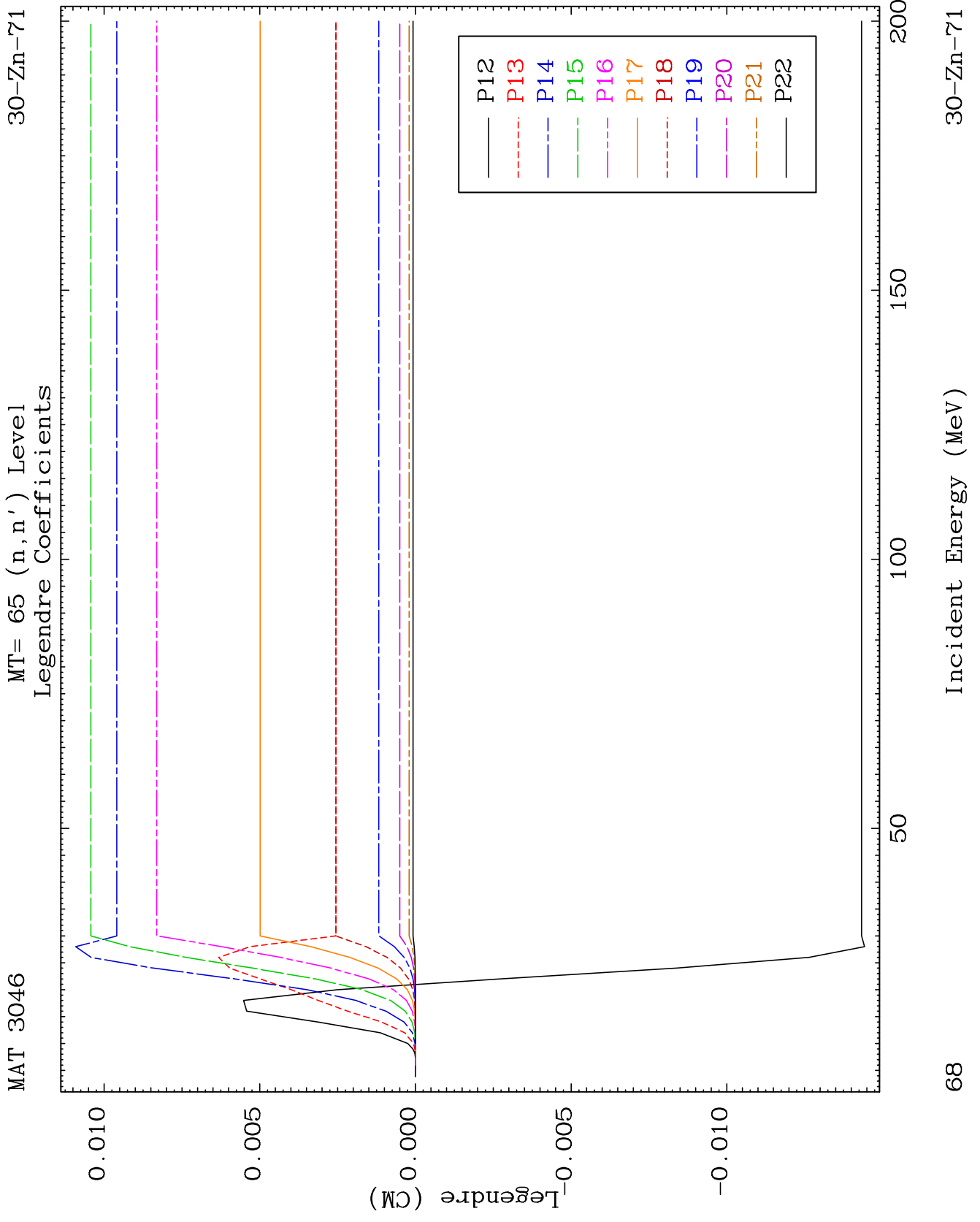
30-Zn-71



66

30-Zn-71

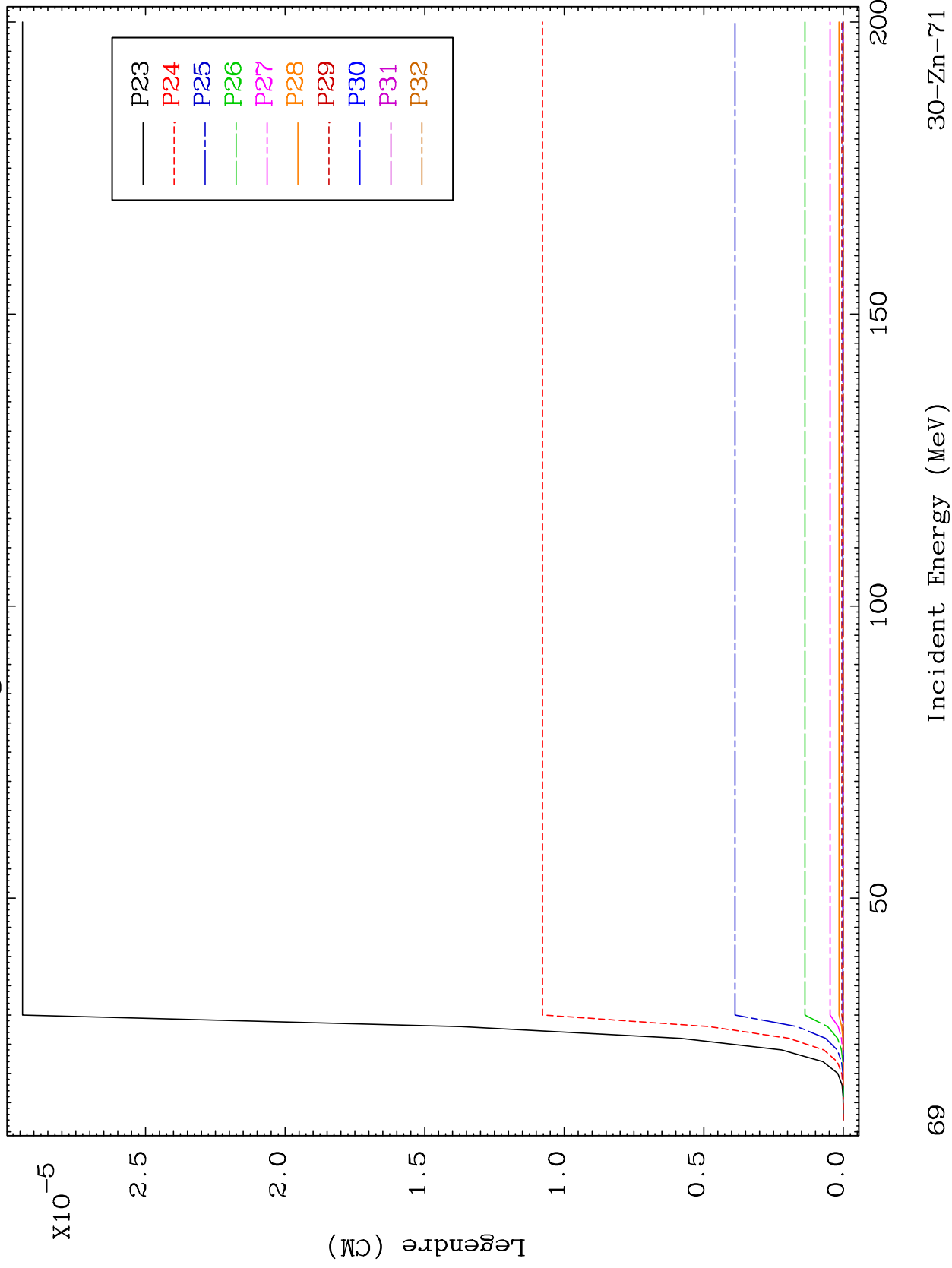




MAT 3046

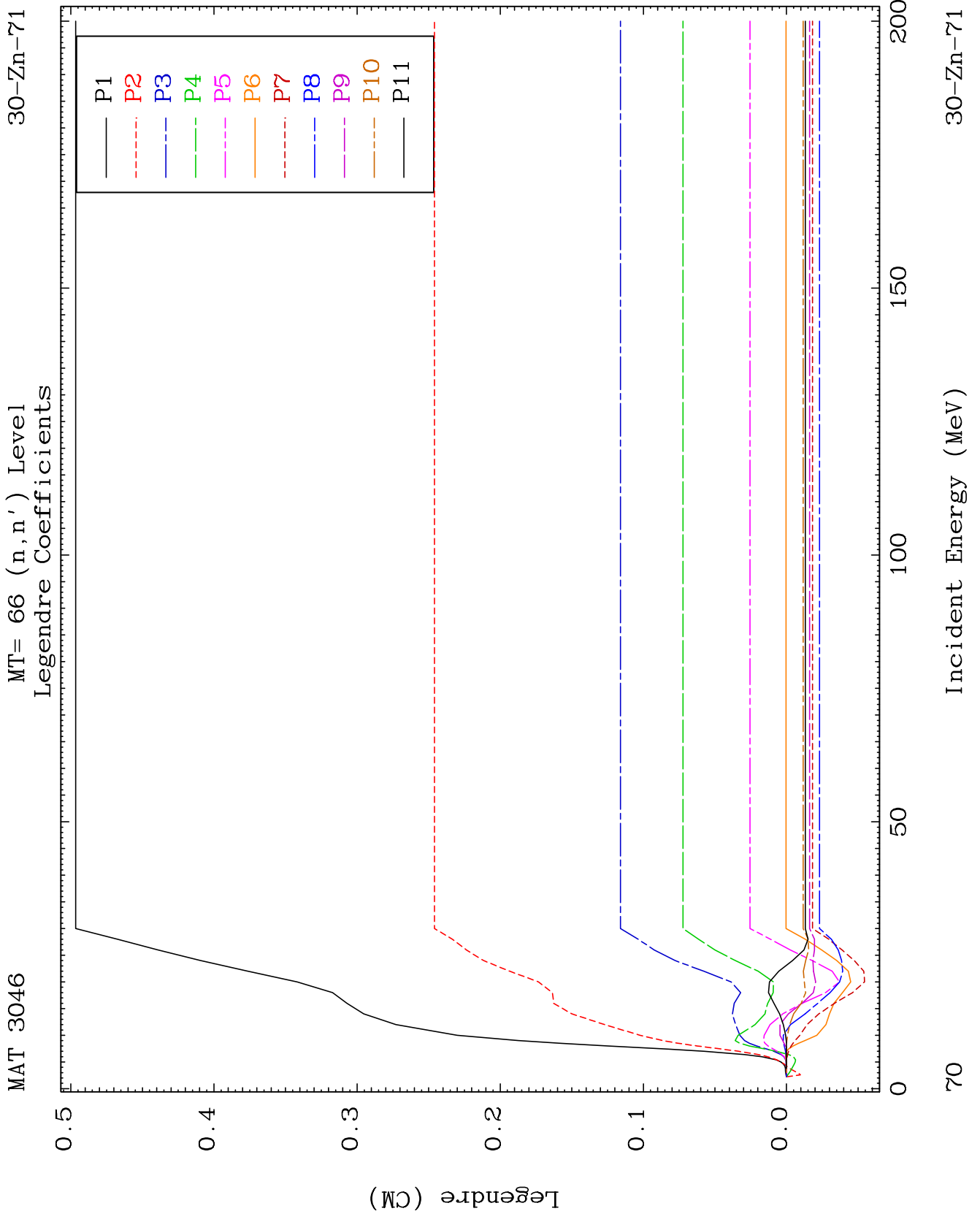
MT= 65 (n,n') Level  
Legendre Coefficients

30-Zn-71



69

30-Zn-71



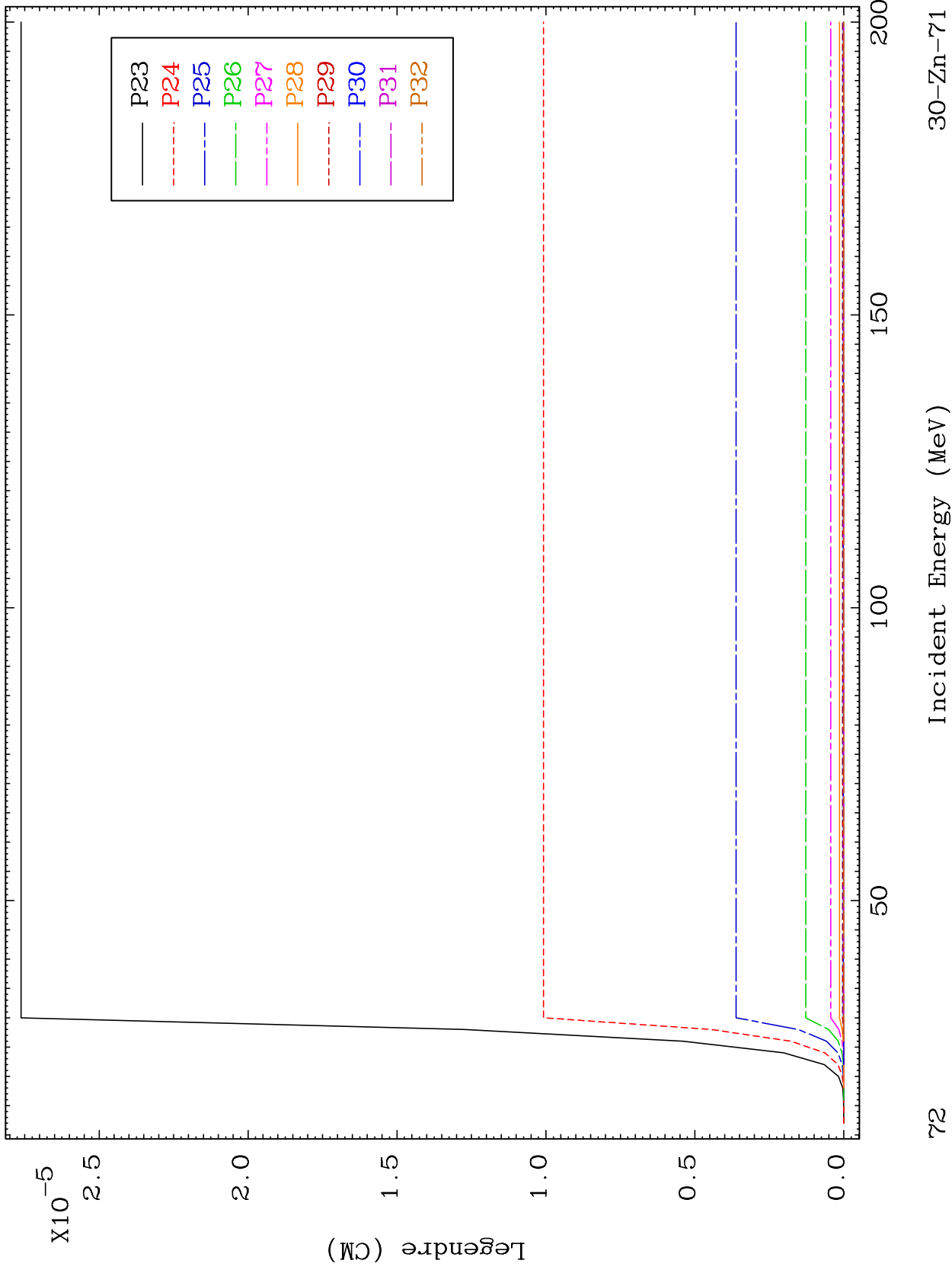


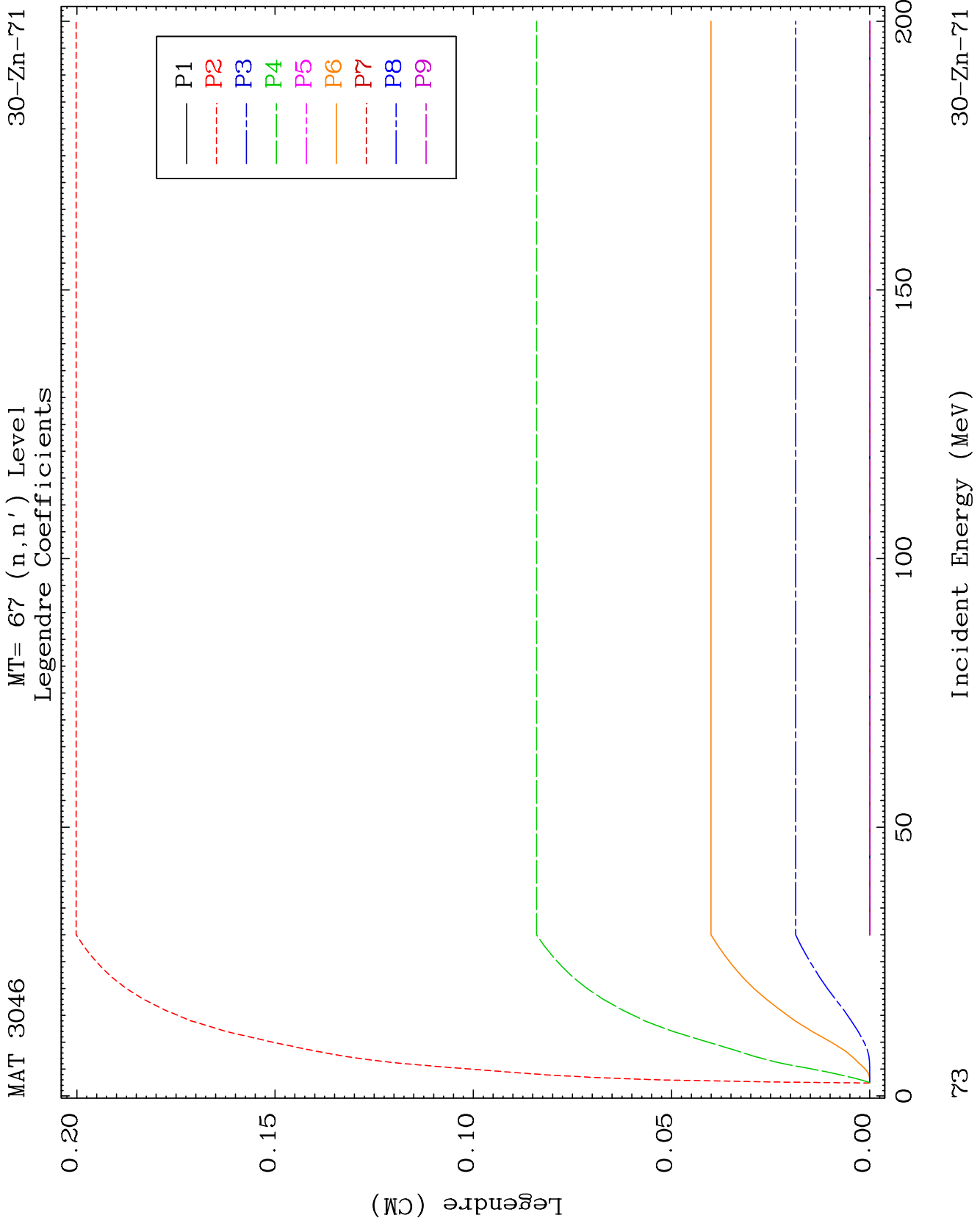


MAT 3046

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

30-Zn-71

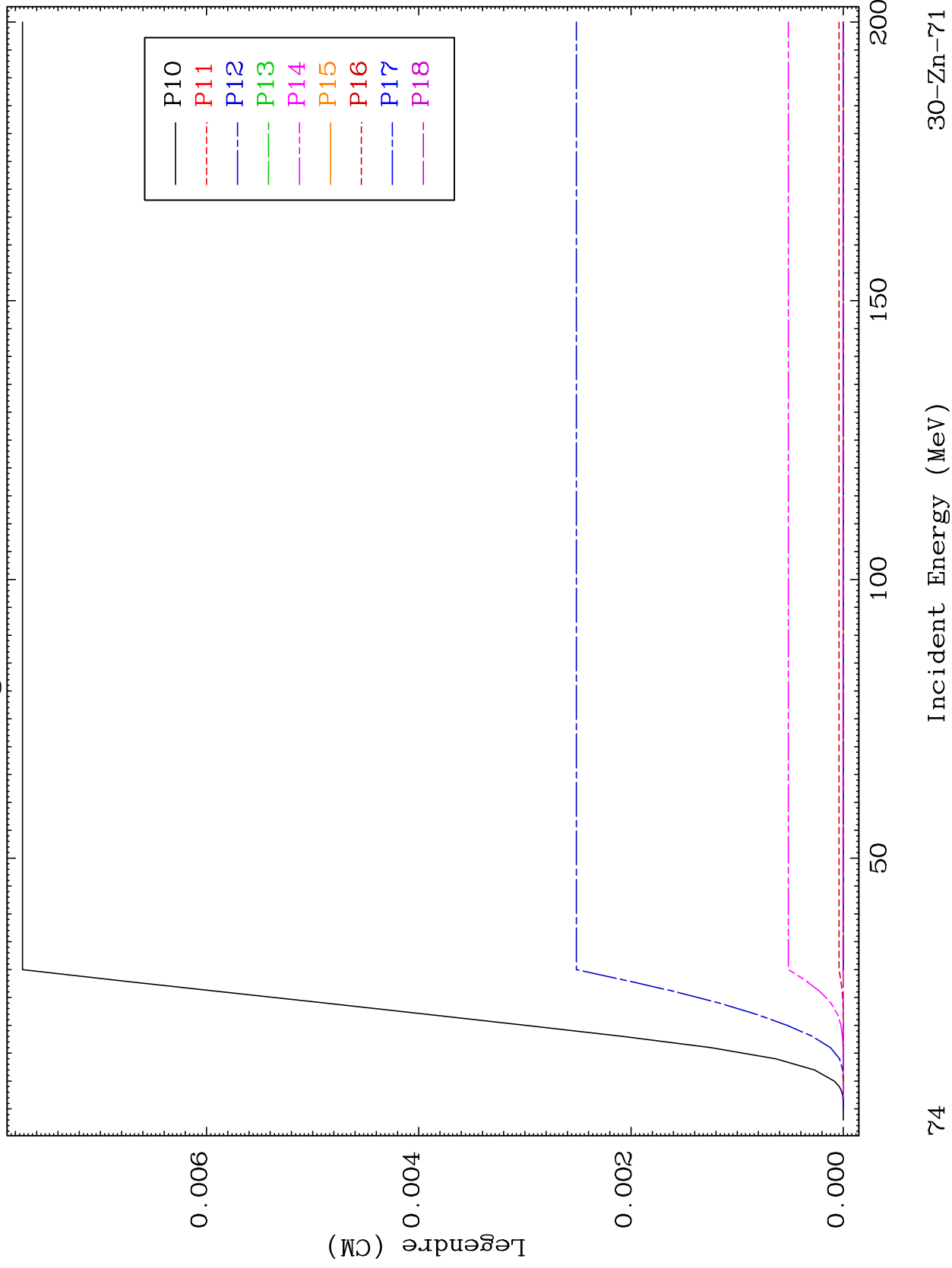




MAT 3046

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

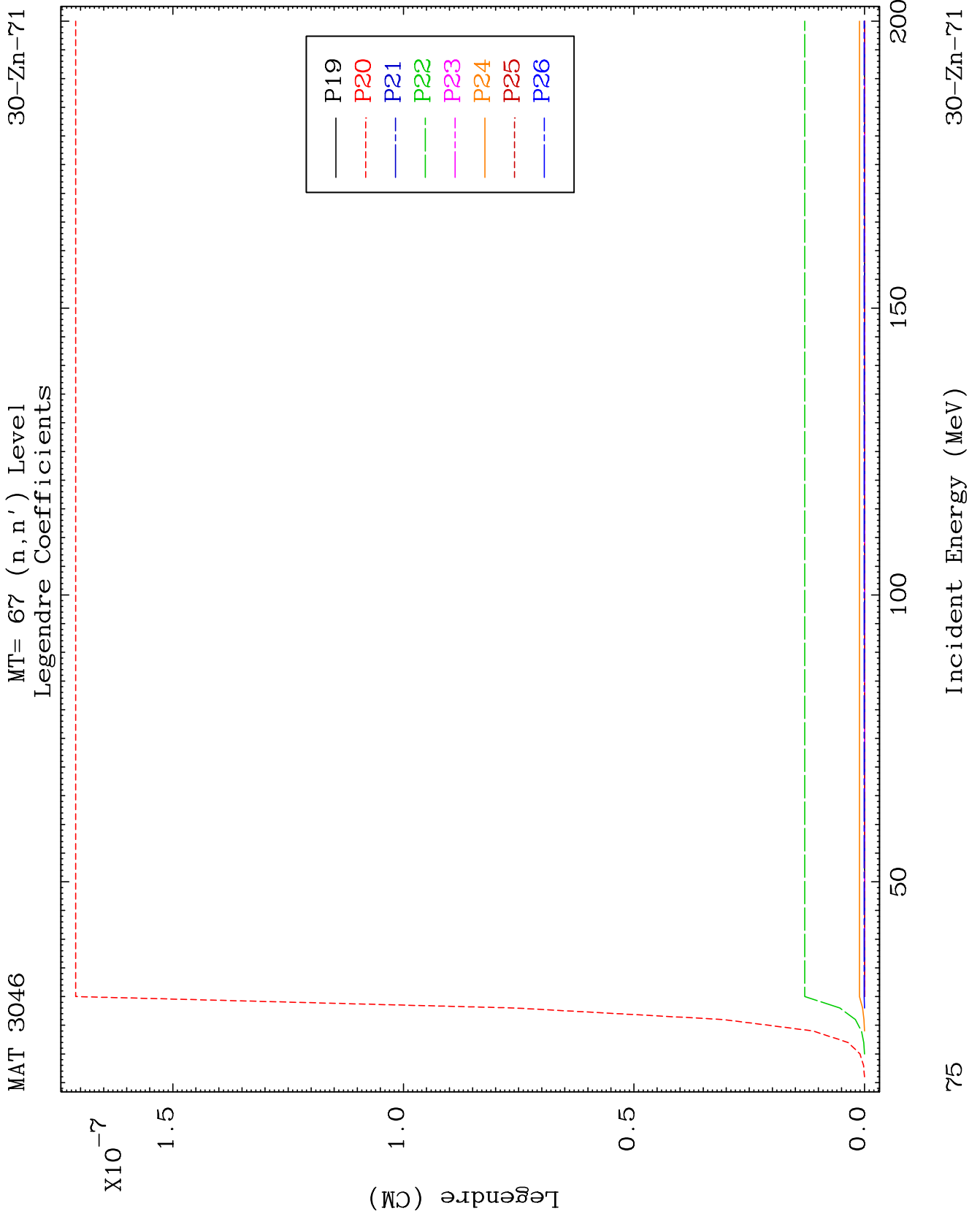
30-Zn-71

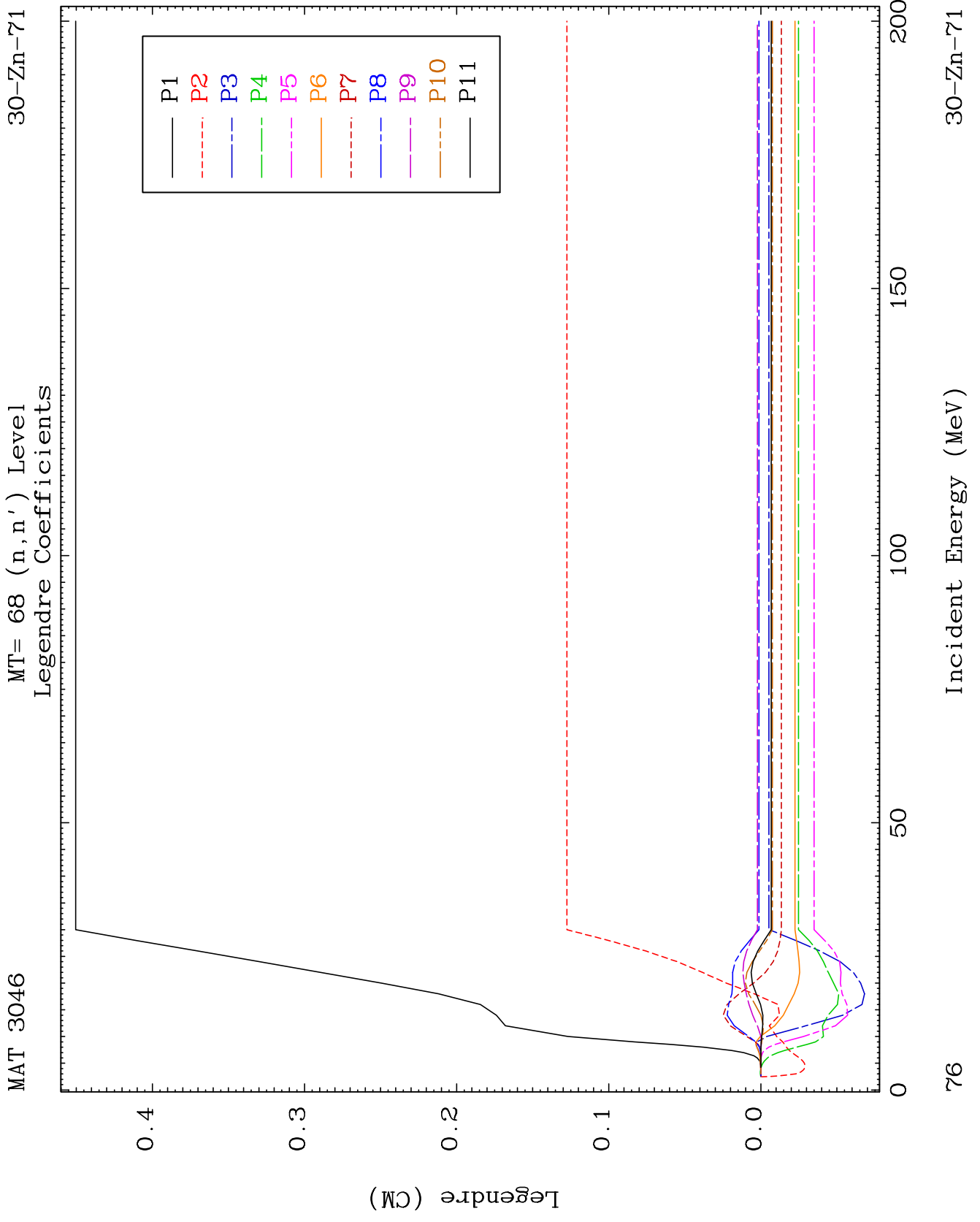


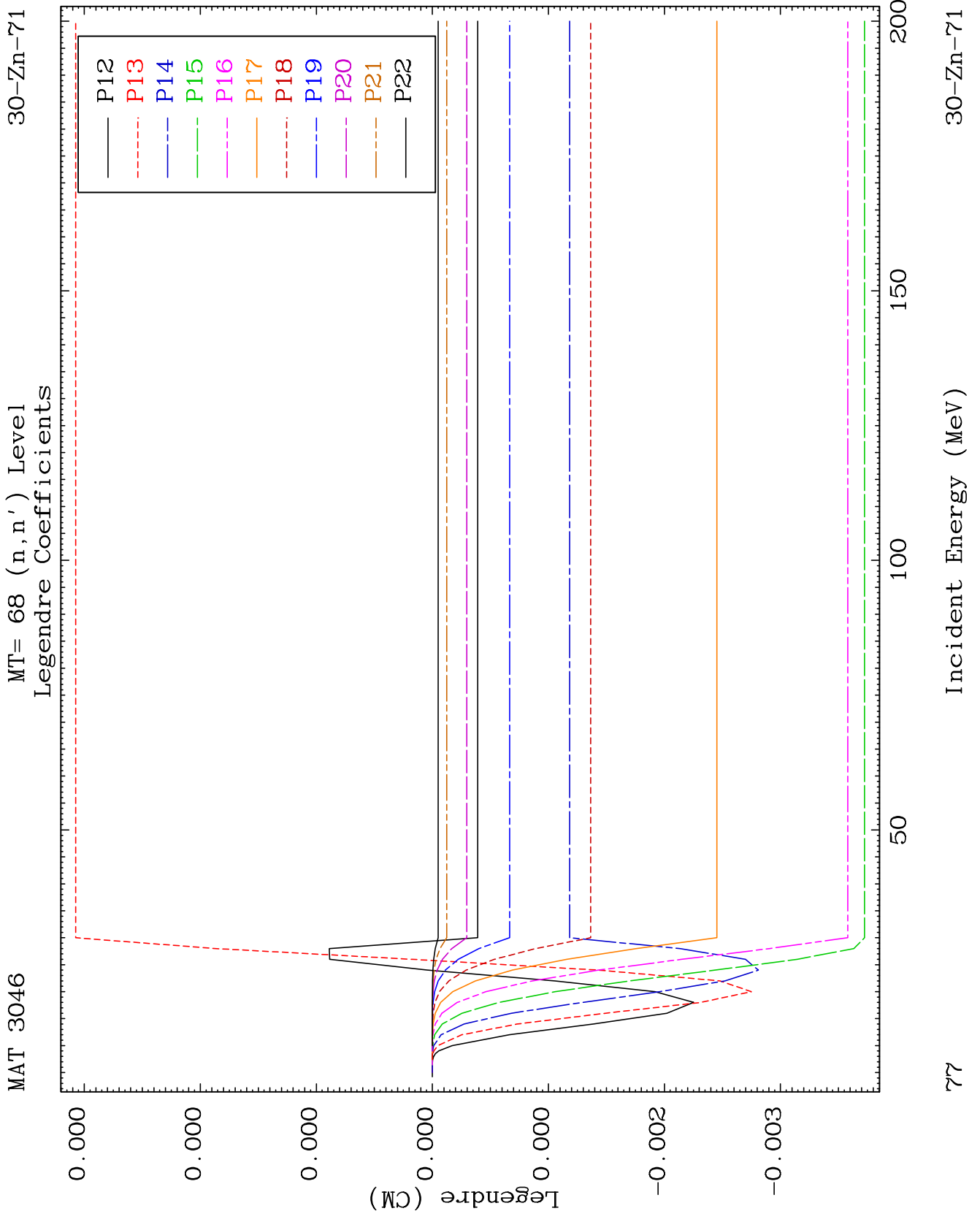
74

Incident Energy (MeV)

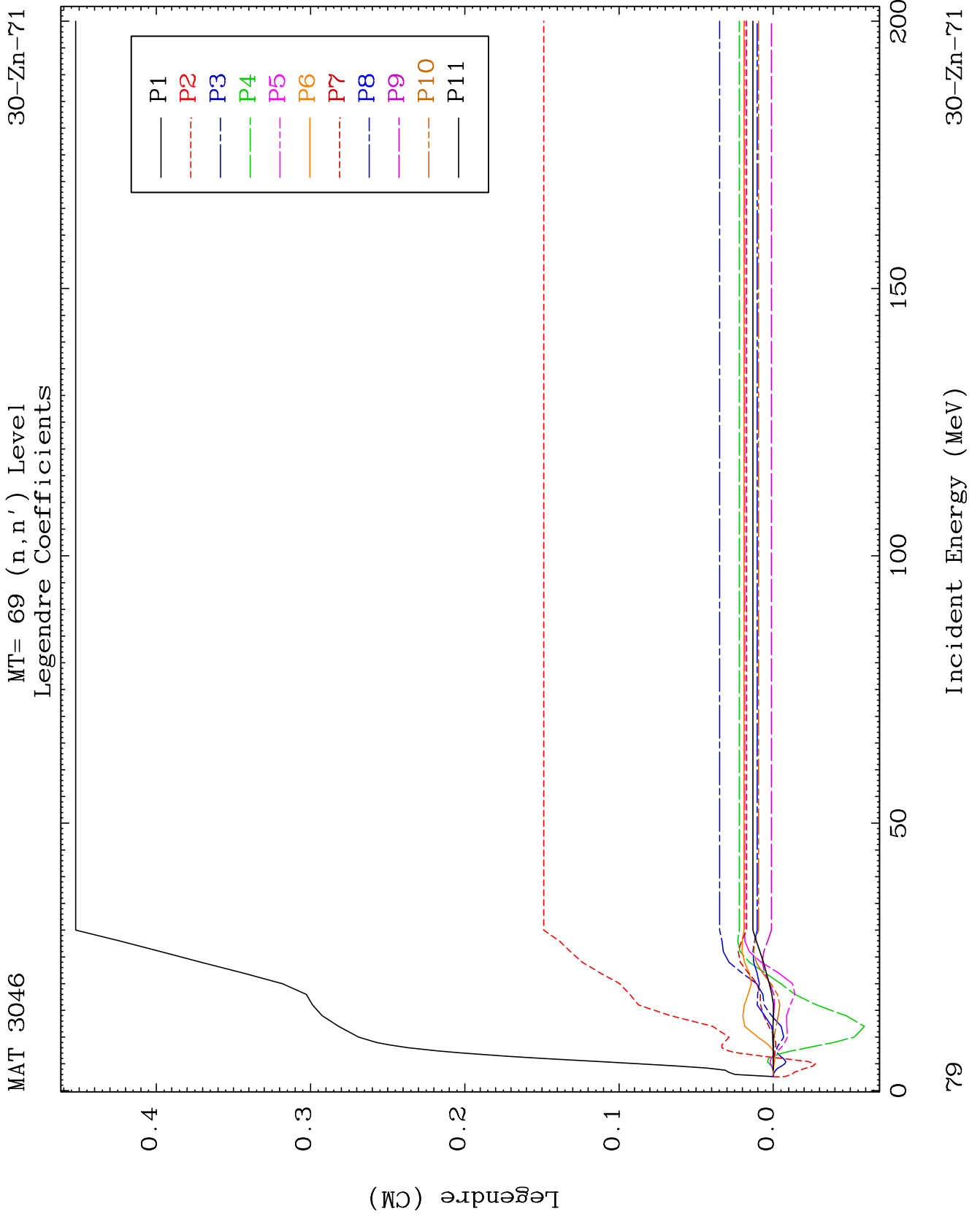
30-Zn-71









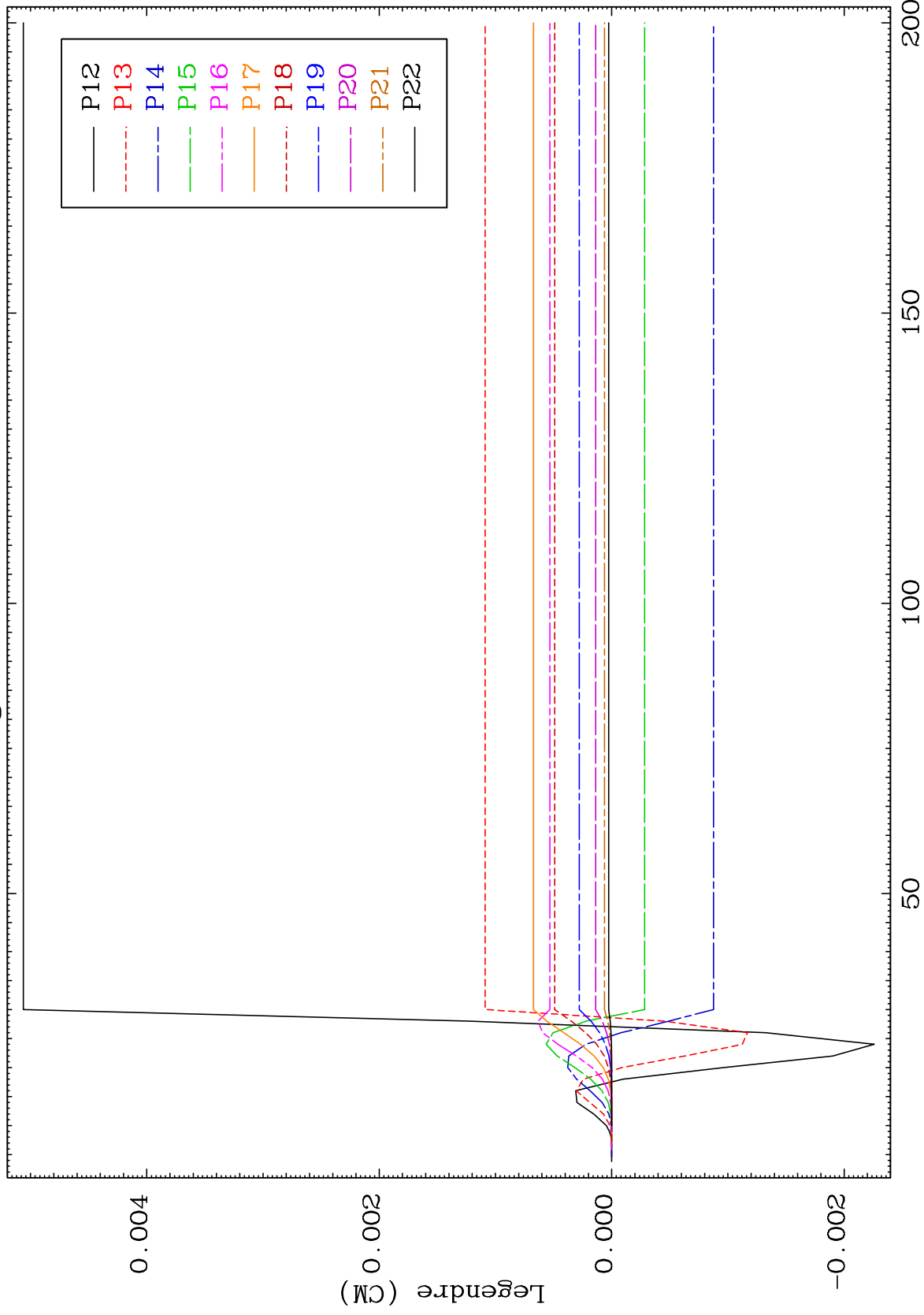




MAT 3046

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

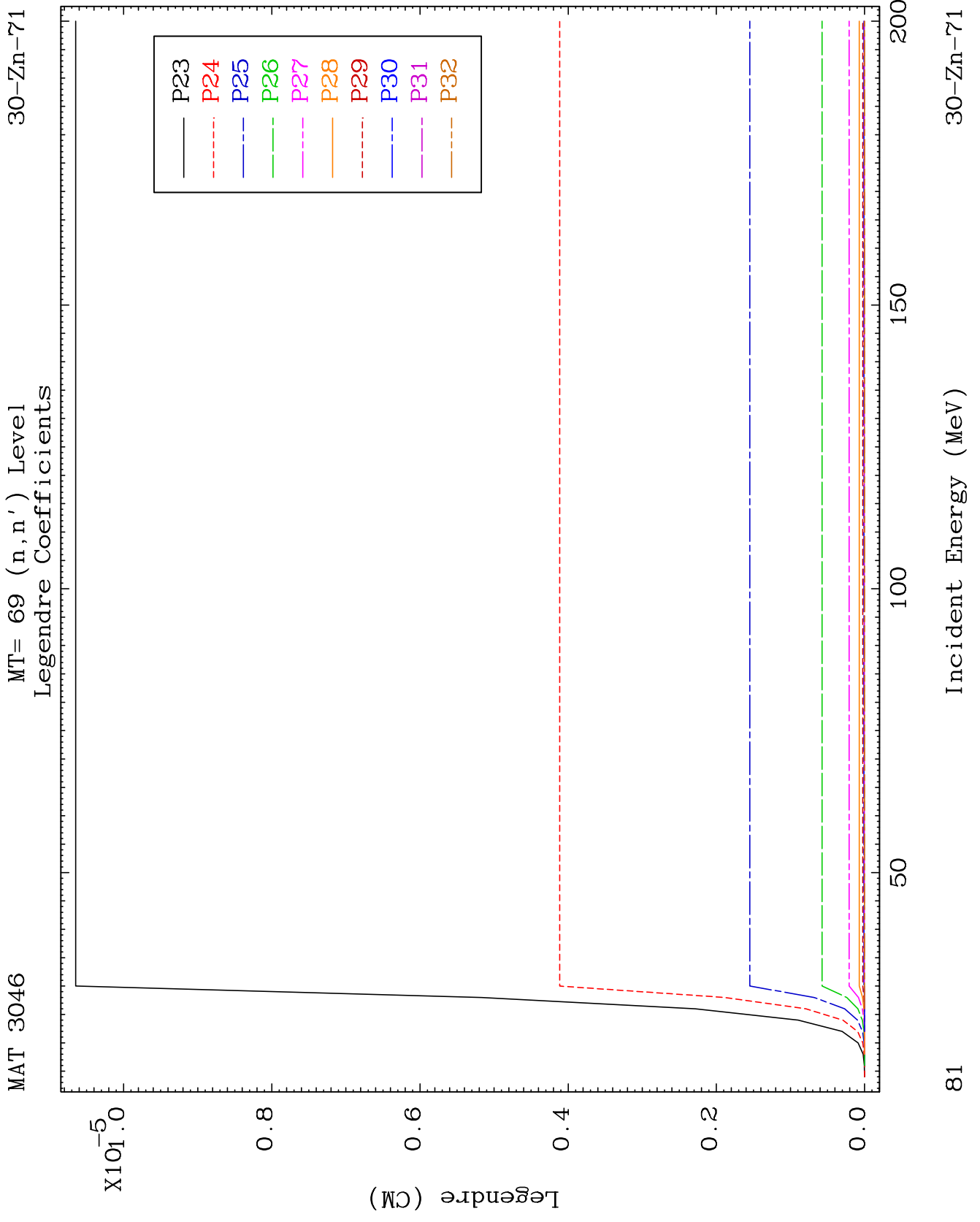
30-Zn-71



80

Incident Energy (MeV)

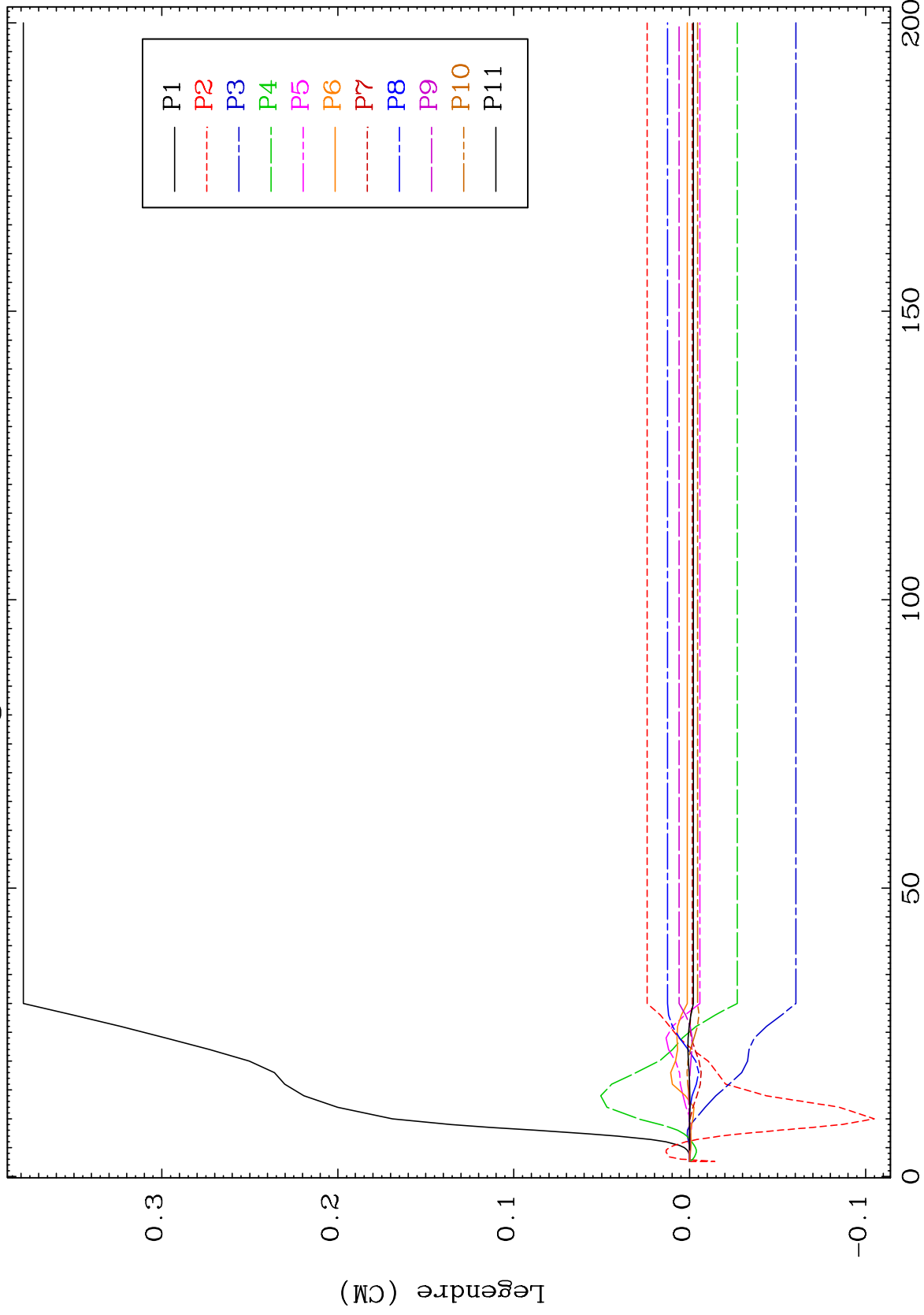
30-Zn-71



MAT 3046

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

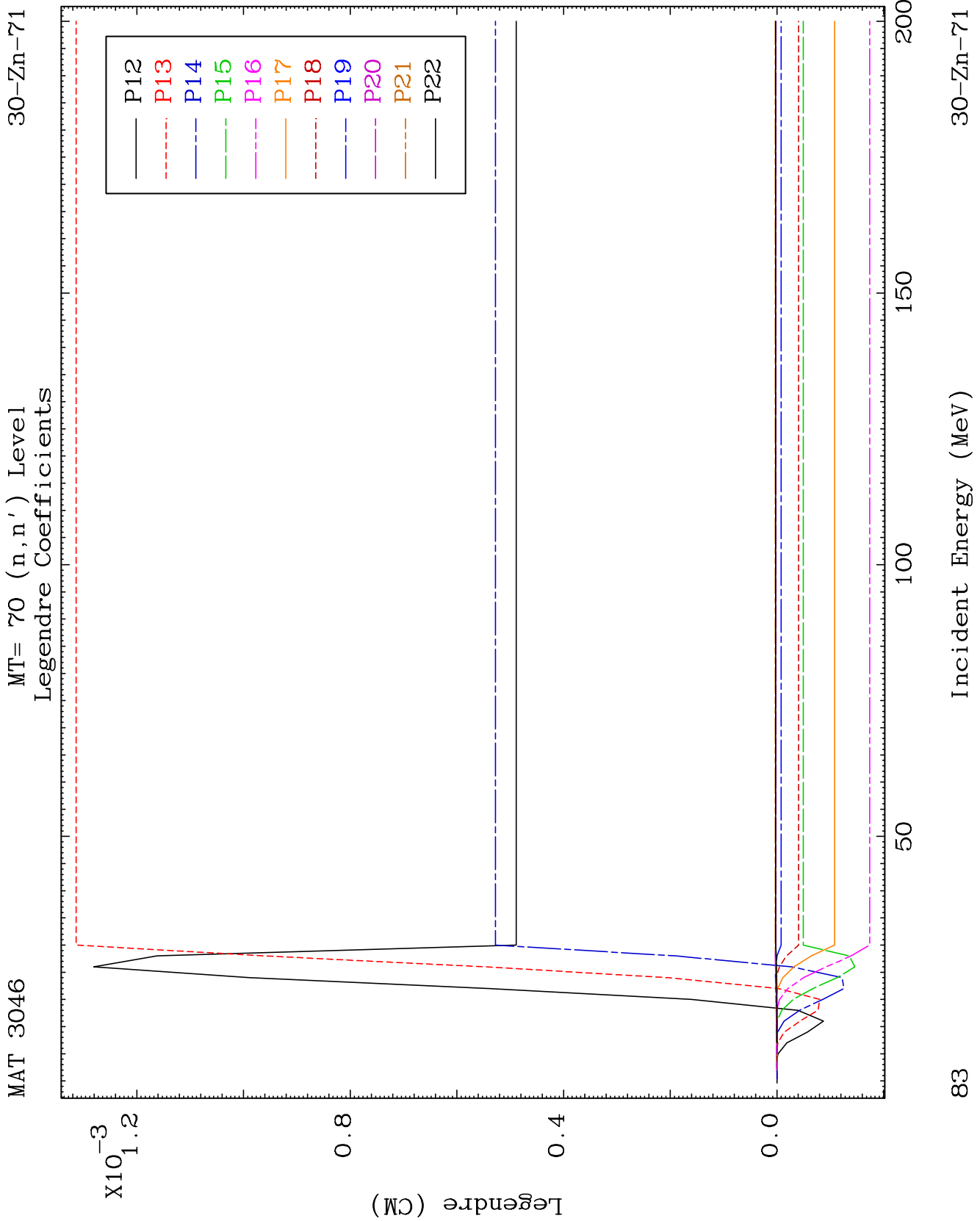
30-Zn-71

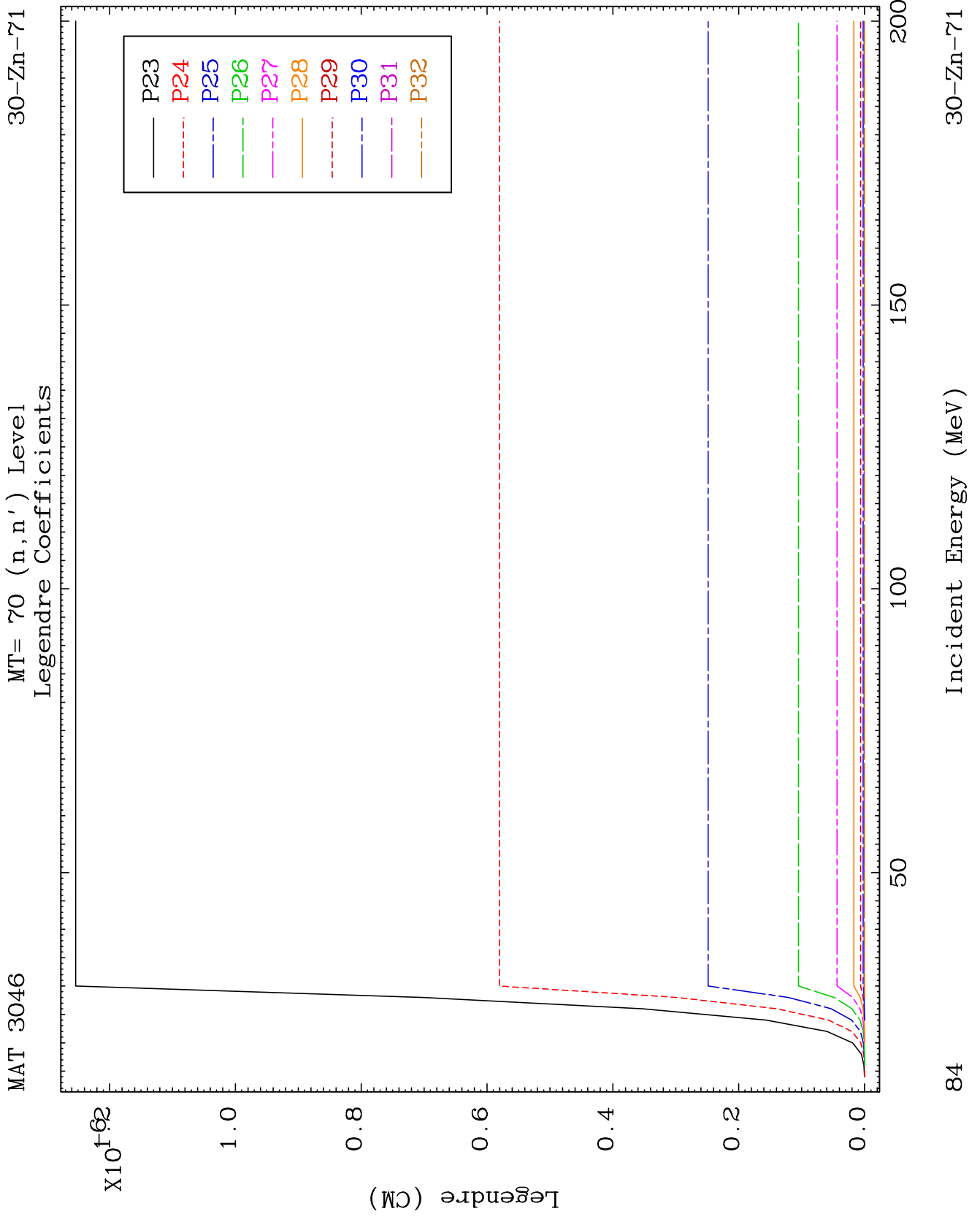


82

Incident Energy (MeV)

30-Zn-71

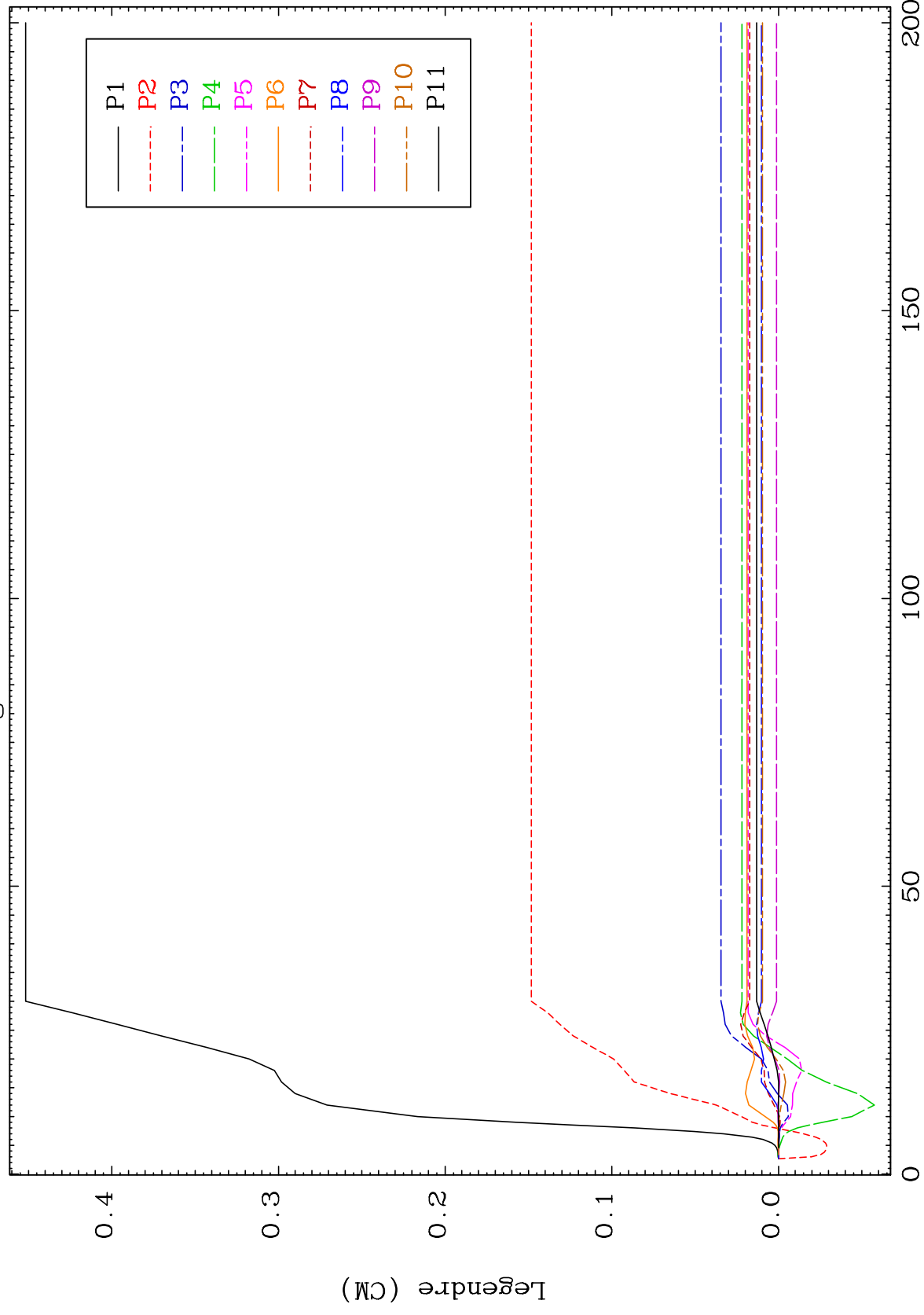




MAT 3046

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

30-Zn-71



85

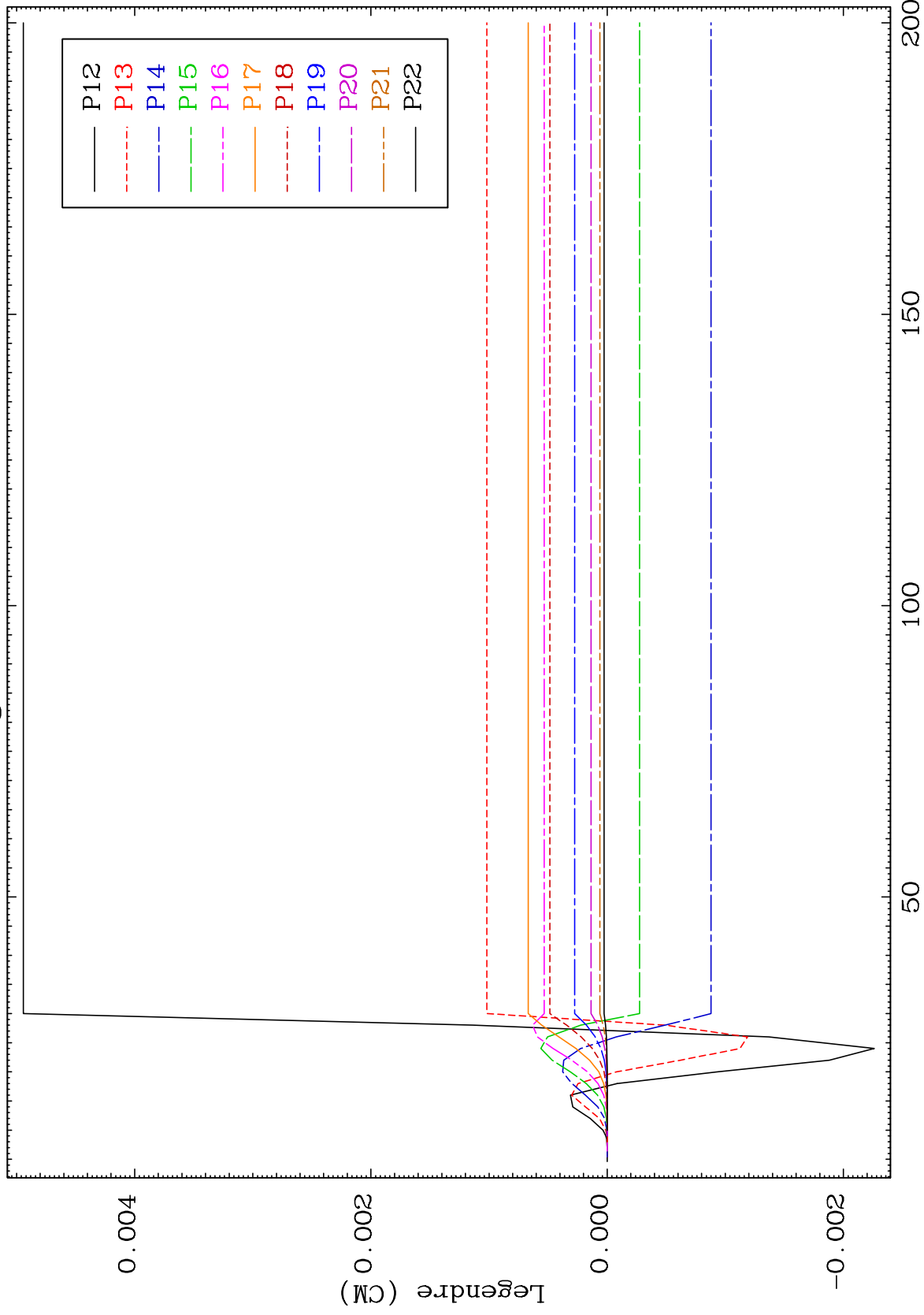
Incident Energy (MeV)

30-Zn-71

MAT 3046

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

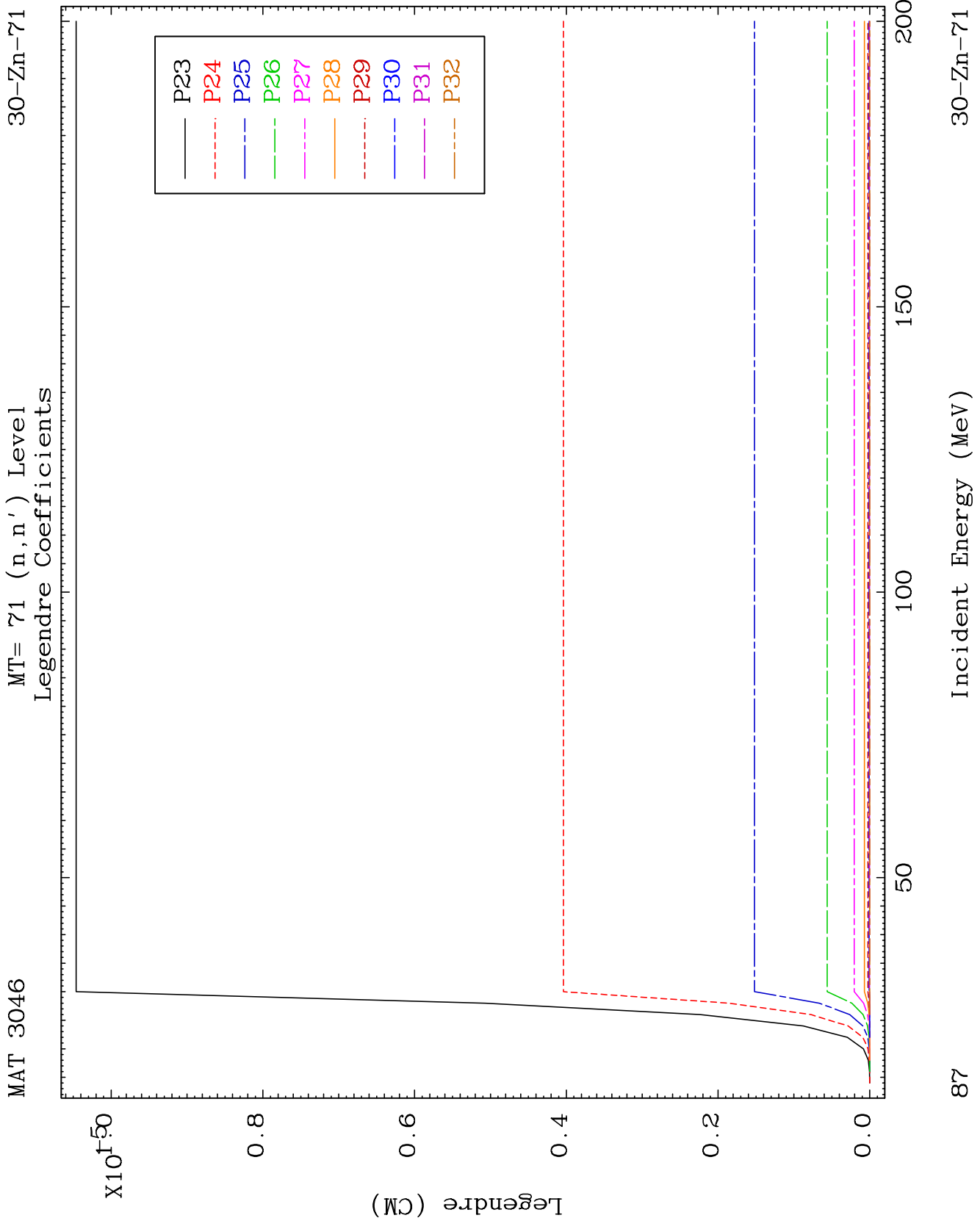
30-Zn-71



86

Incident Energy (MeV)

30-Zn-71

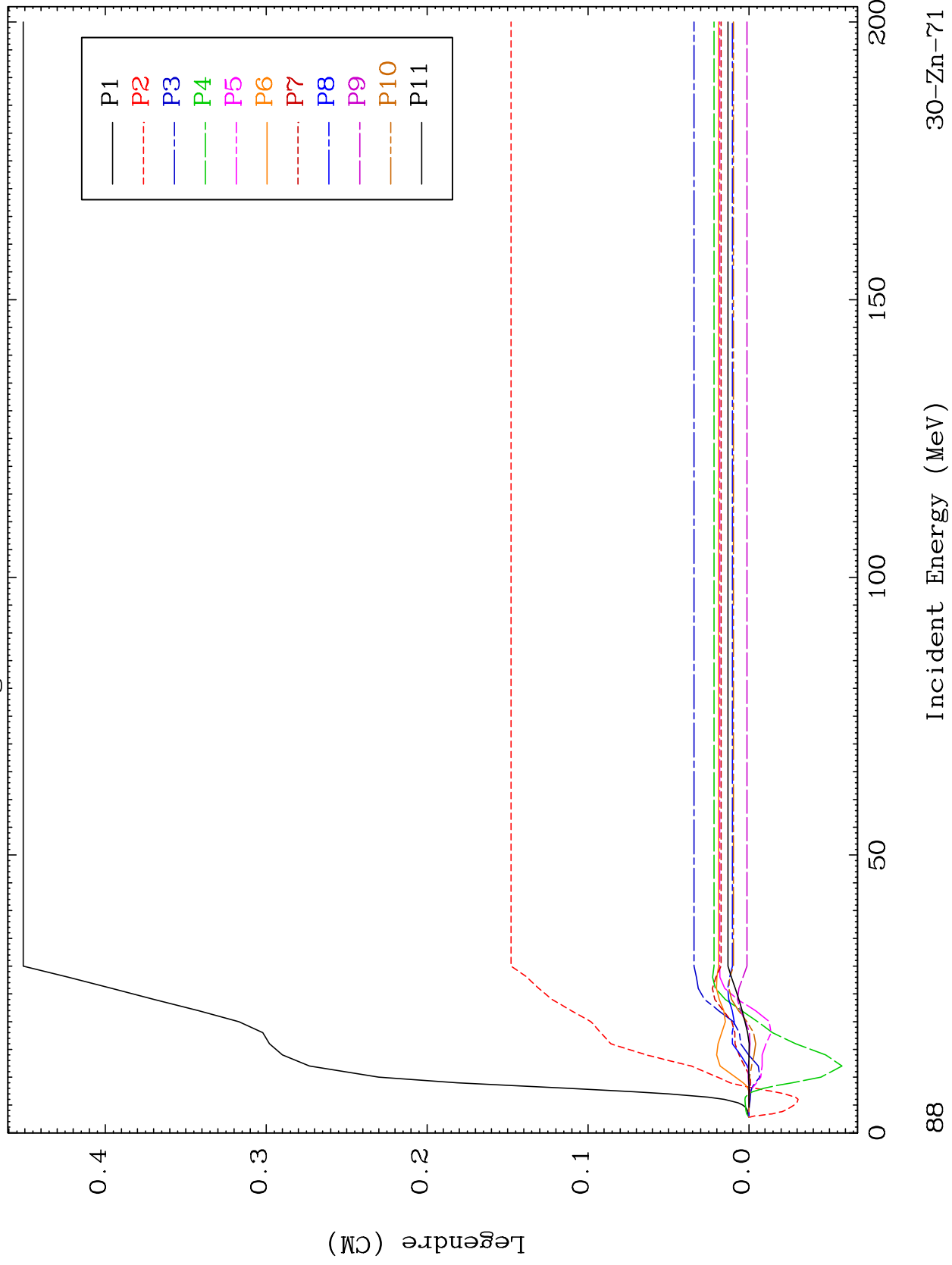




MAT 3046

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

30-Zn-71



30-Zn-71

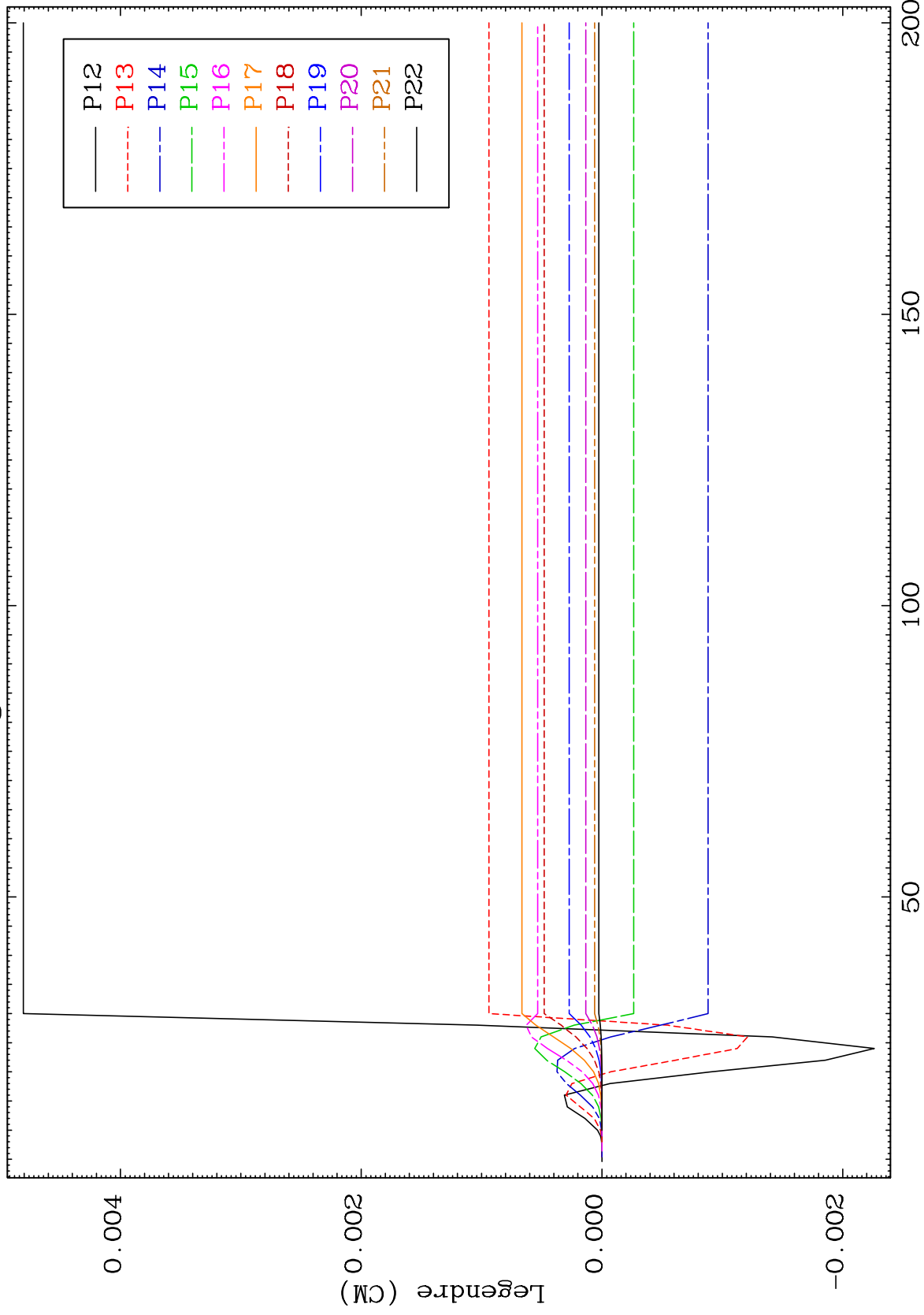
Incident Energy (MeV)

88

MAT 3046

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

30-Zn-71



89

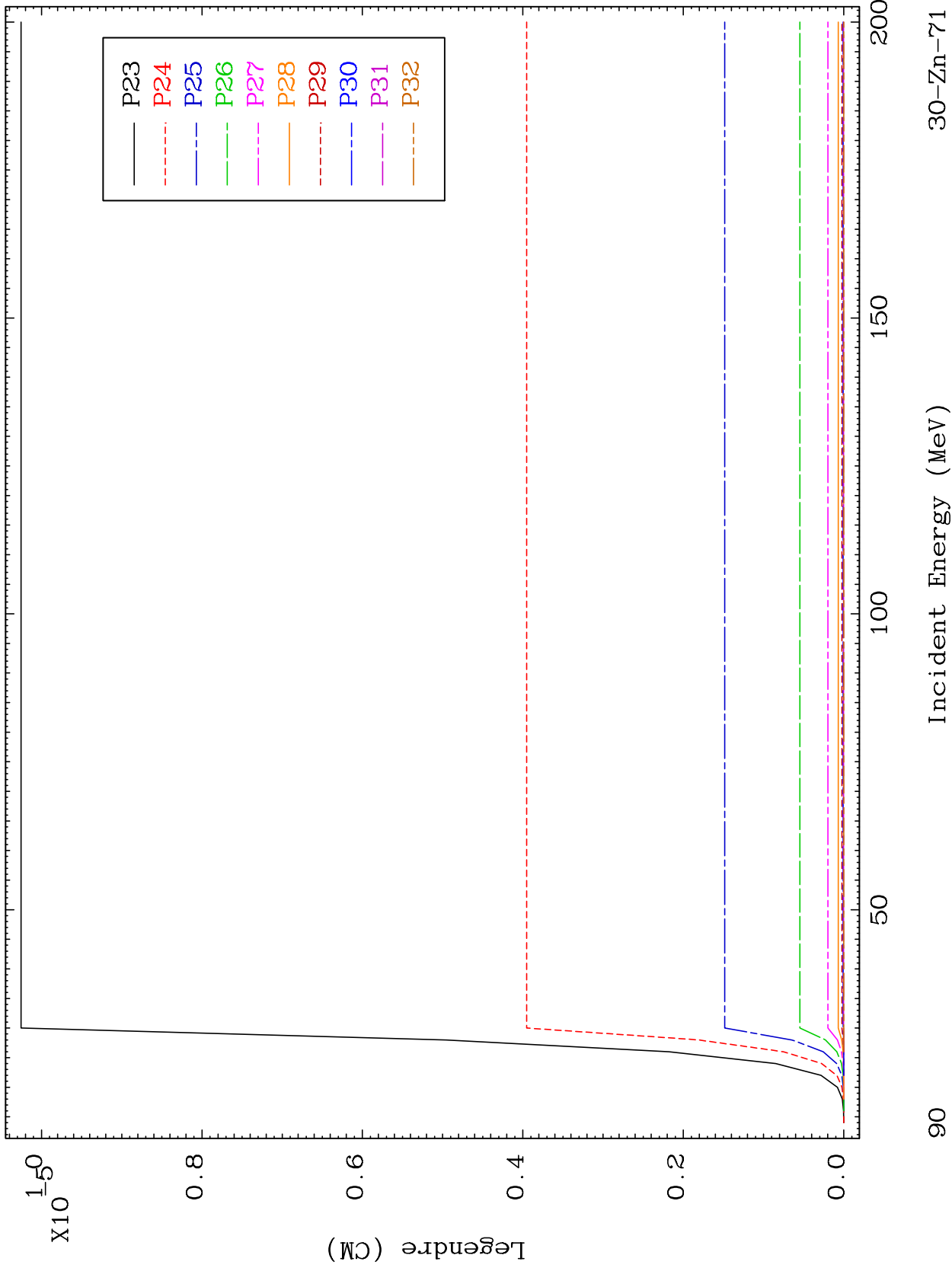
Incident Energy (MeV)

30-Zn-71

MAT 3046

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

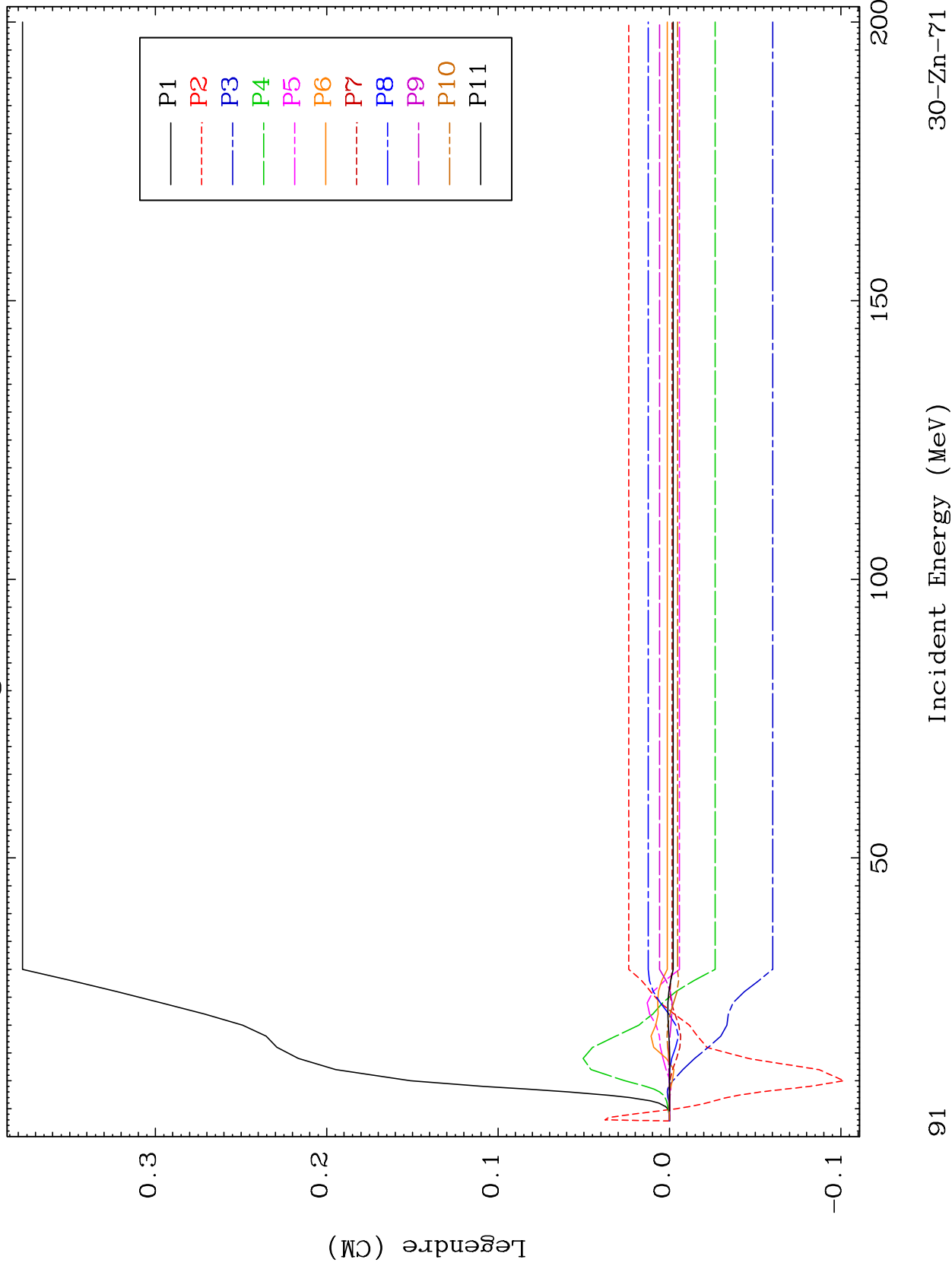
30-Zn-71



MAT 3046

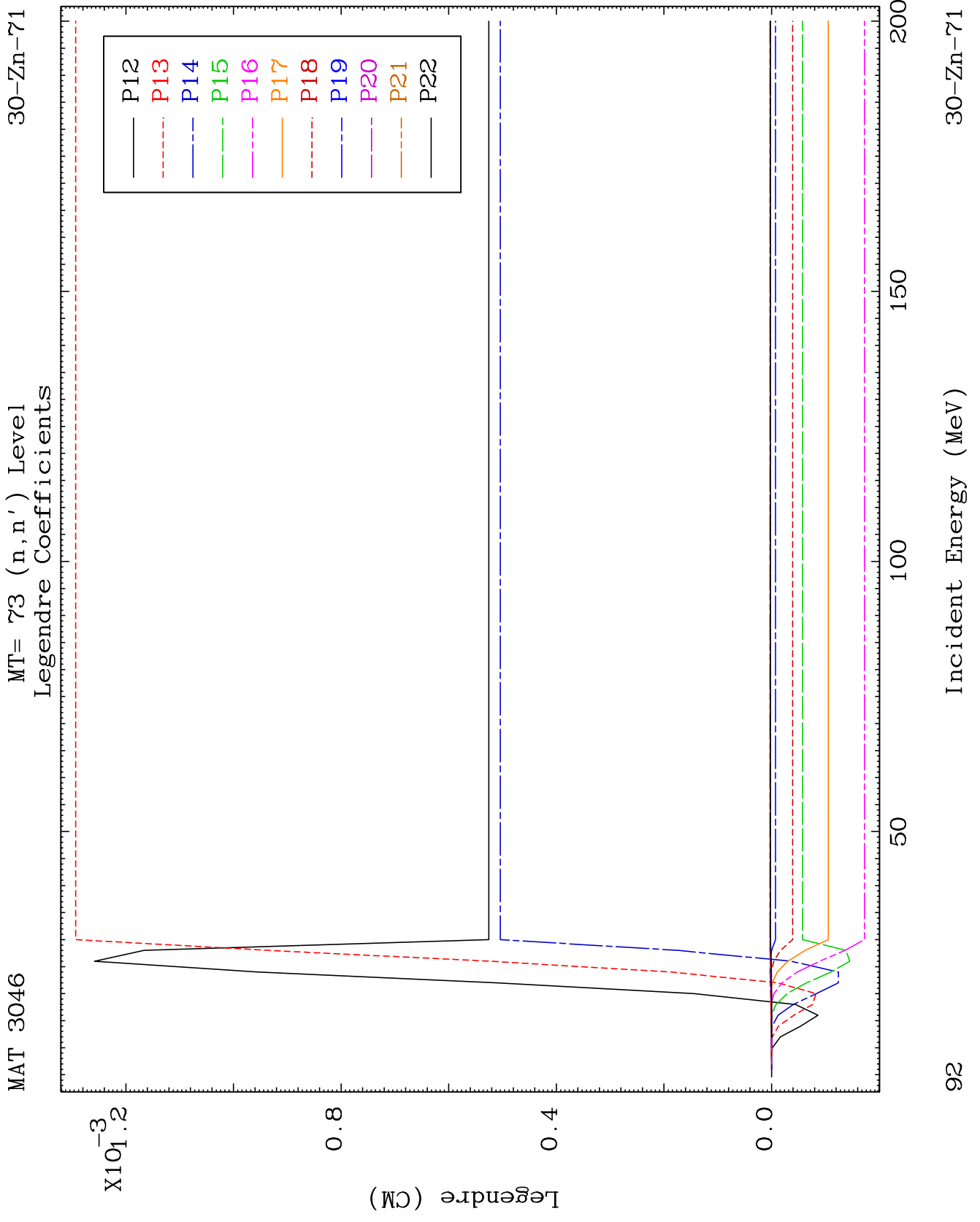
MT= 73 (n,n') Level  
Legendre Coefficients

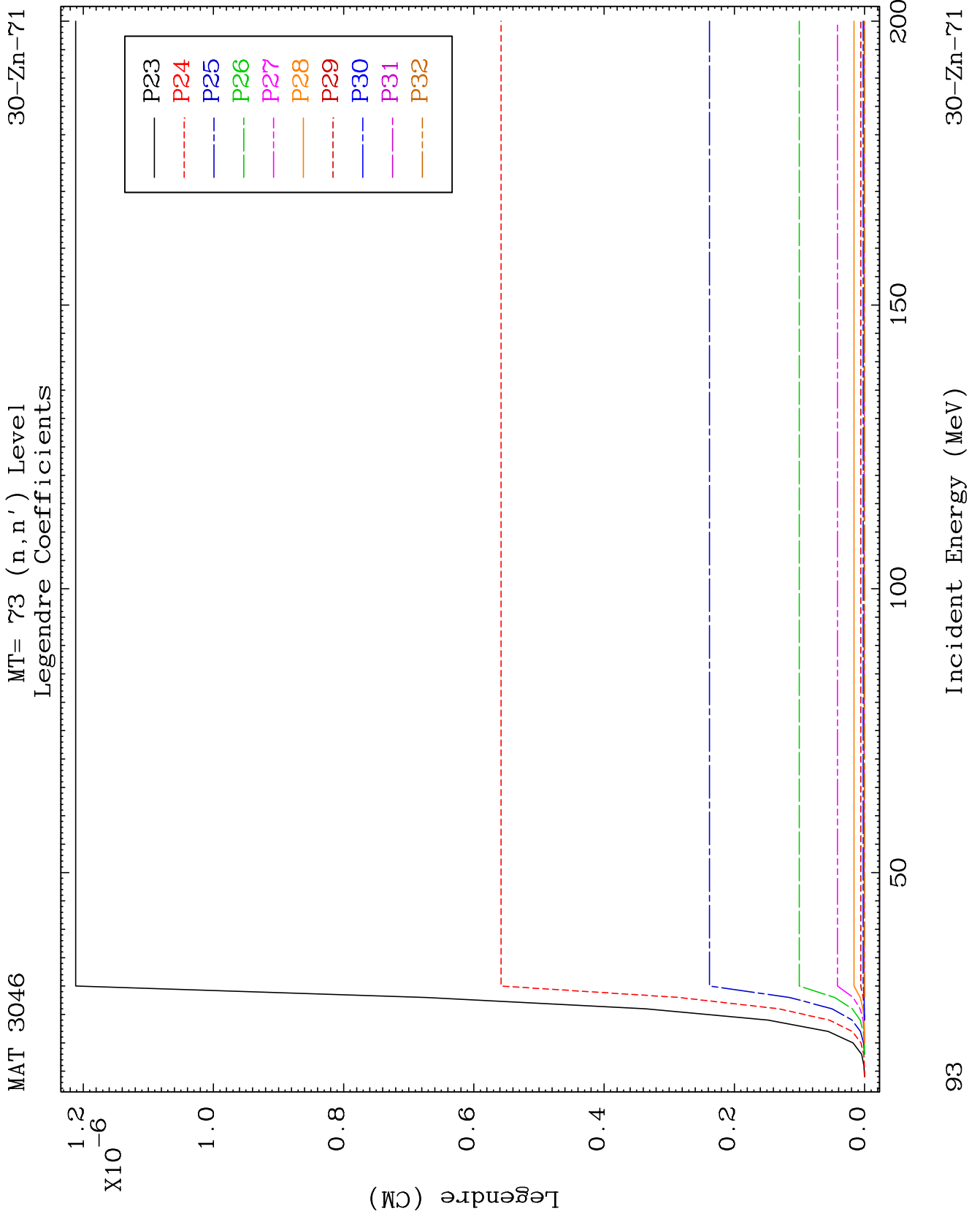
30-Zn-71



91

30-Zn-71

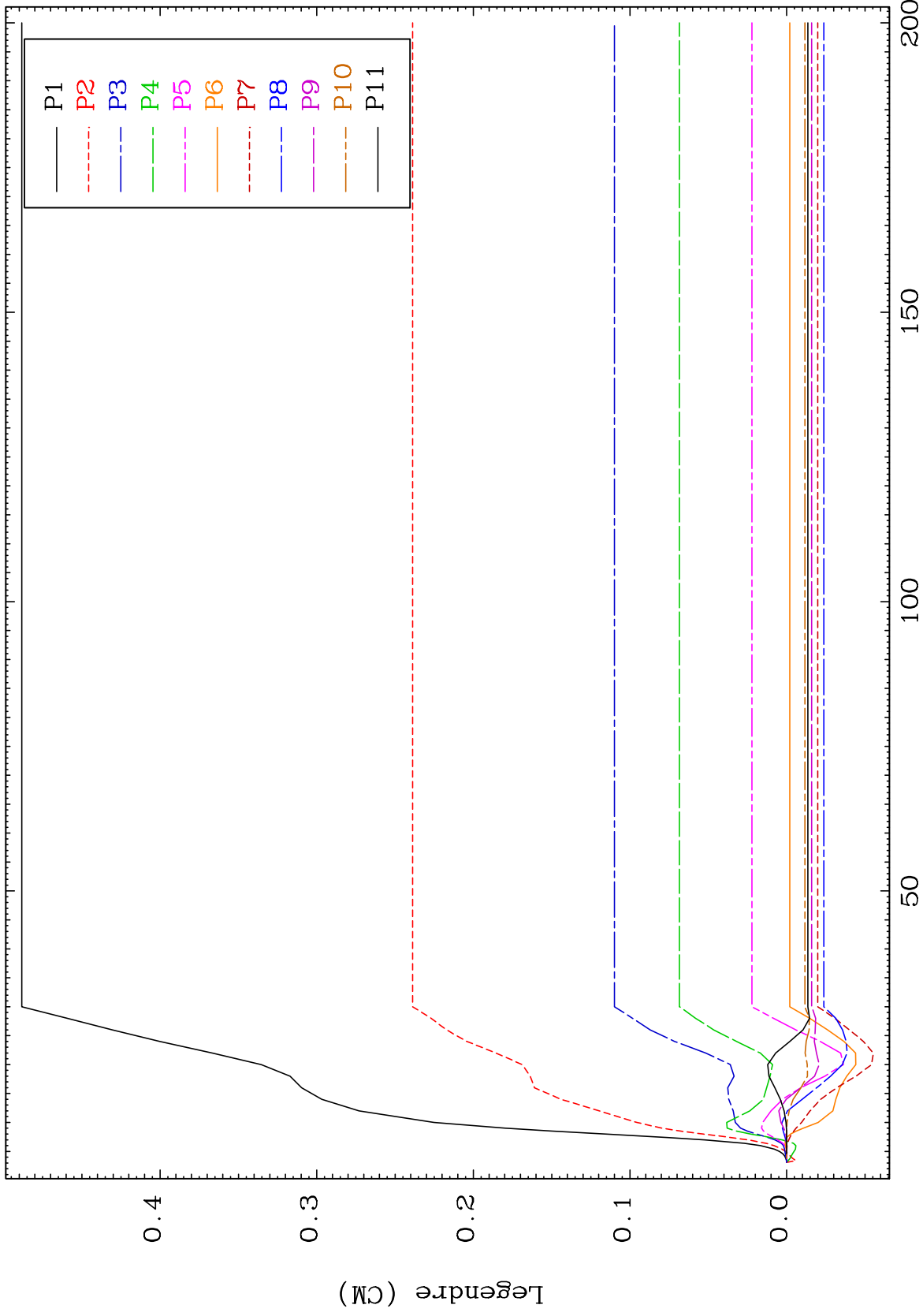




MAT 3046

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

30-Zn-71



94

Incident Energy (MeV)

30-Zn-71

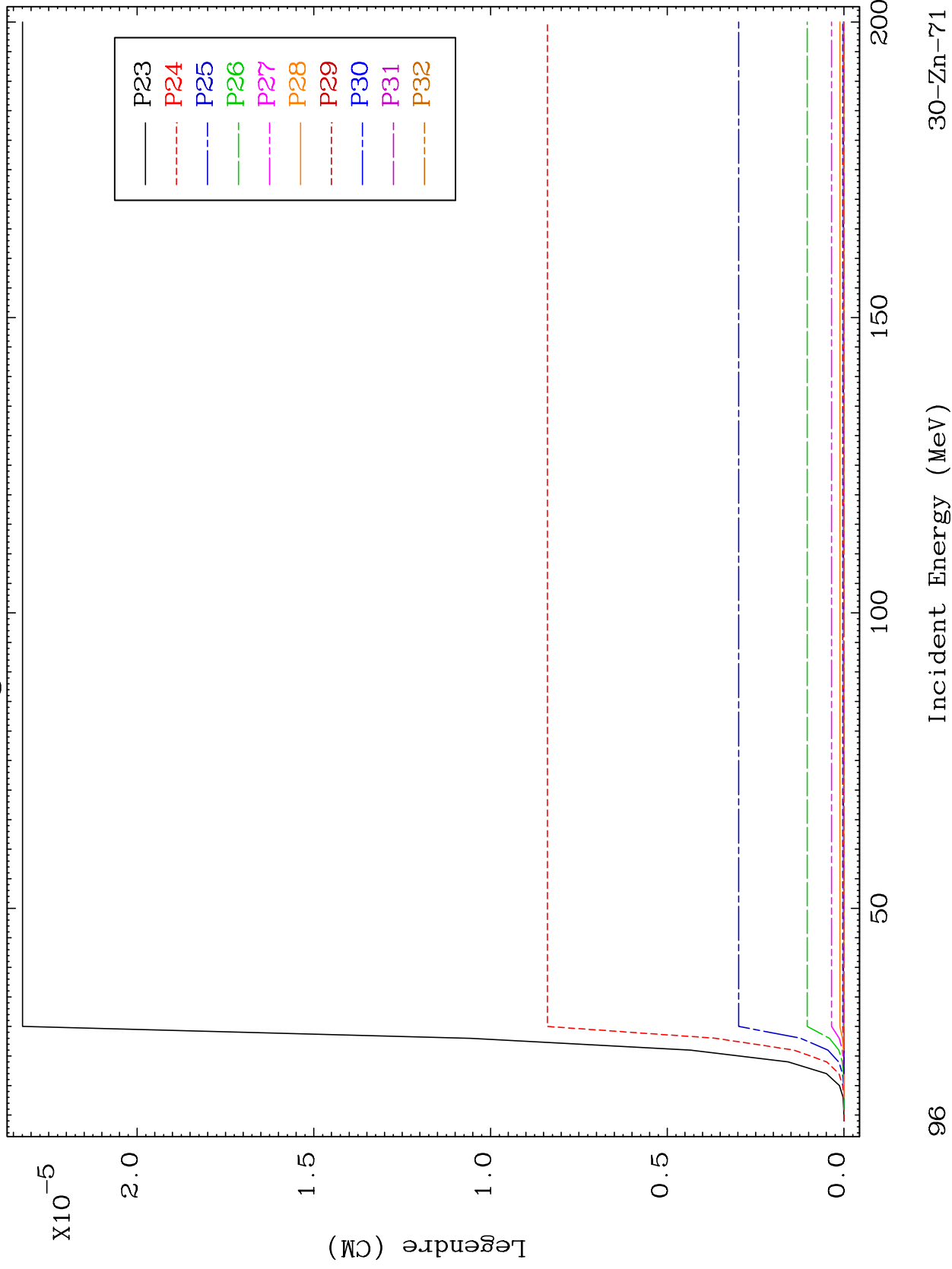




MAT 3046

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

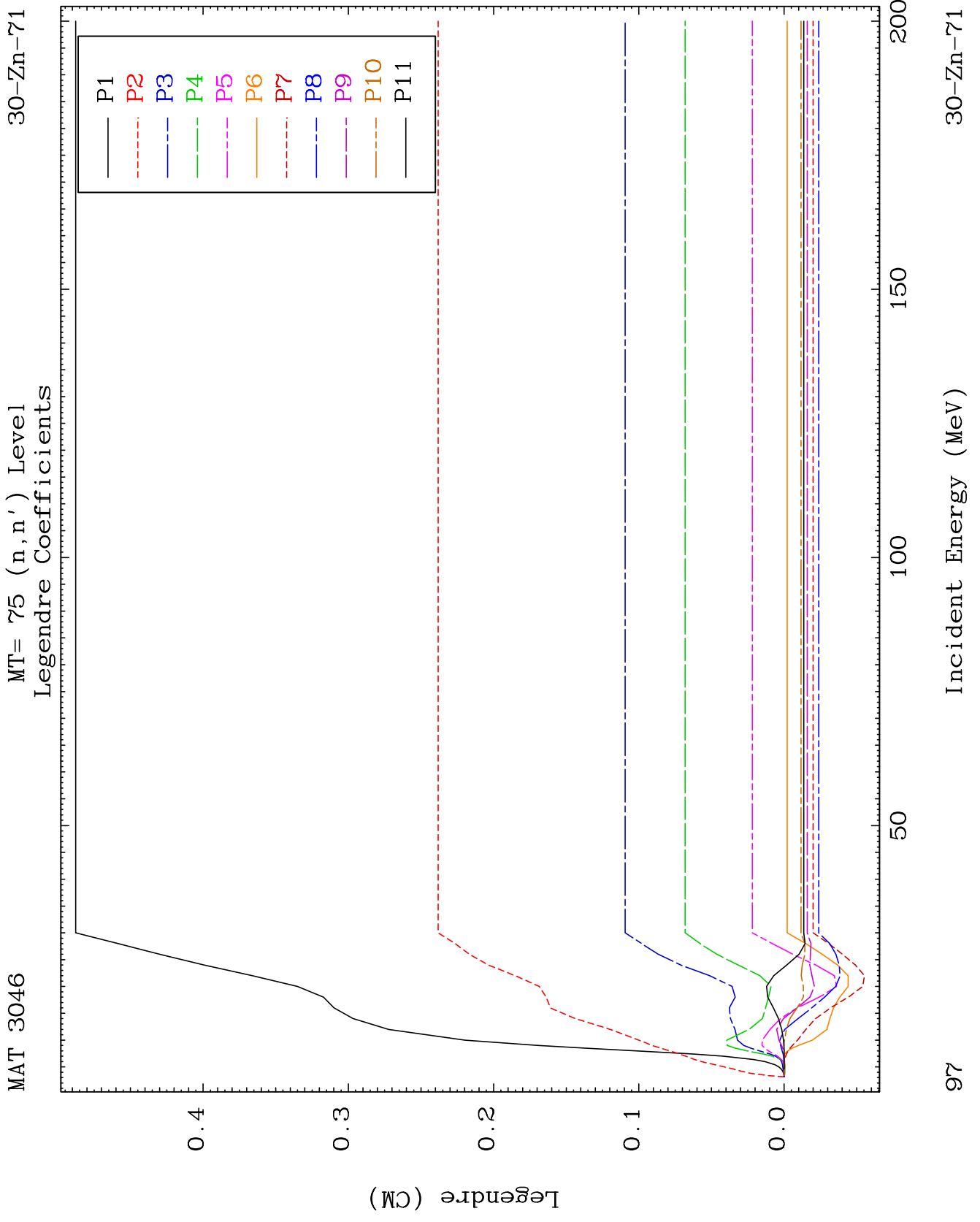
30-Zn-71

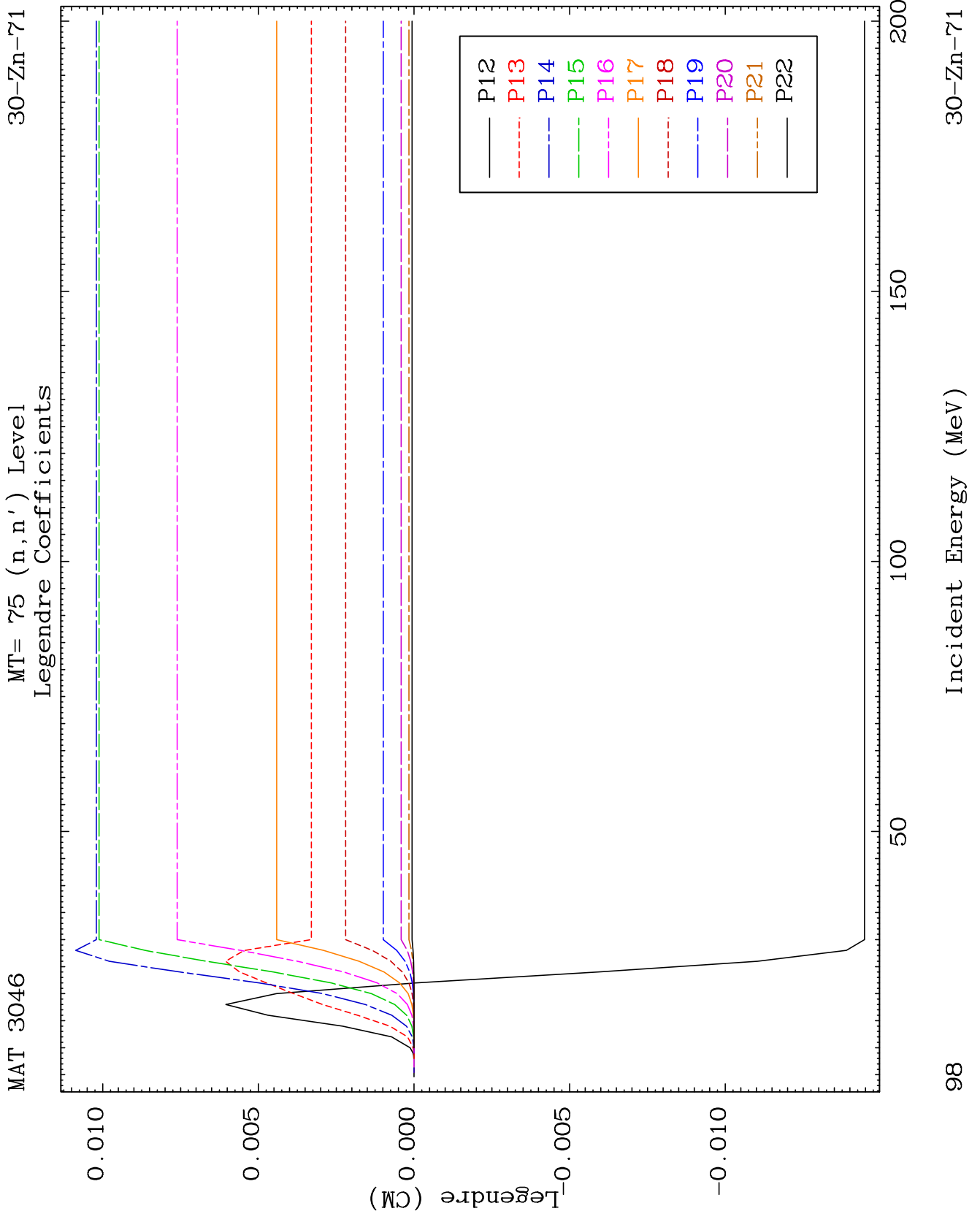


96

Incident Energy (MeV)

30-Zn-71

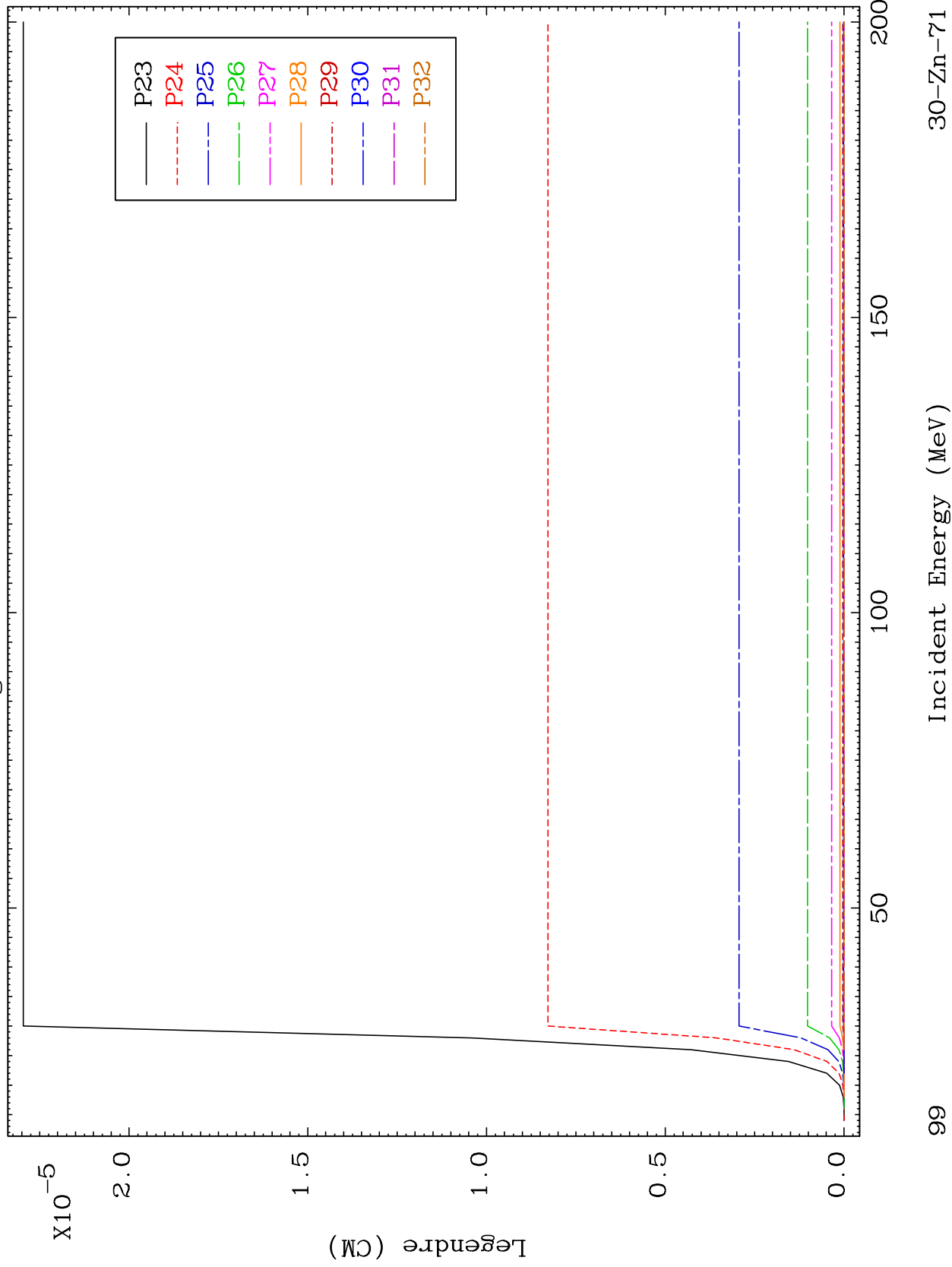


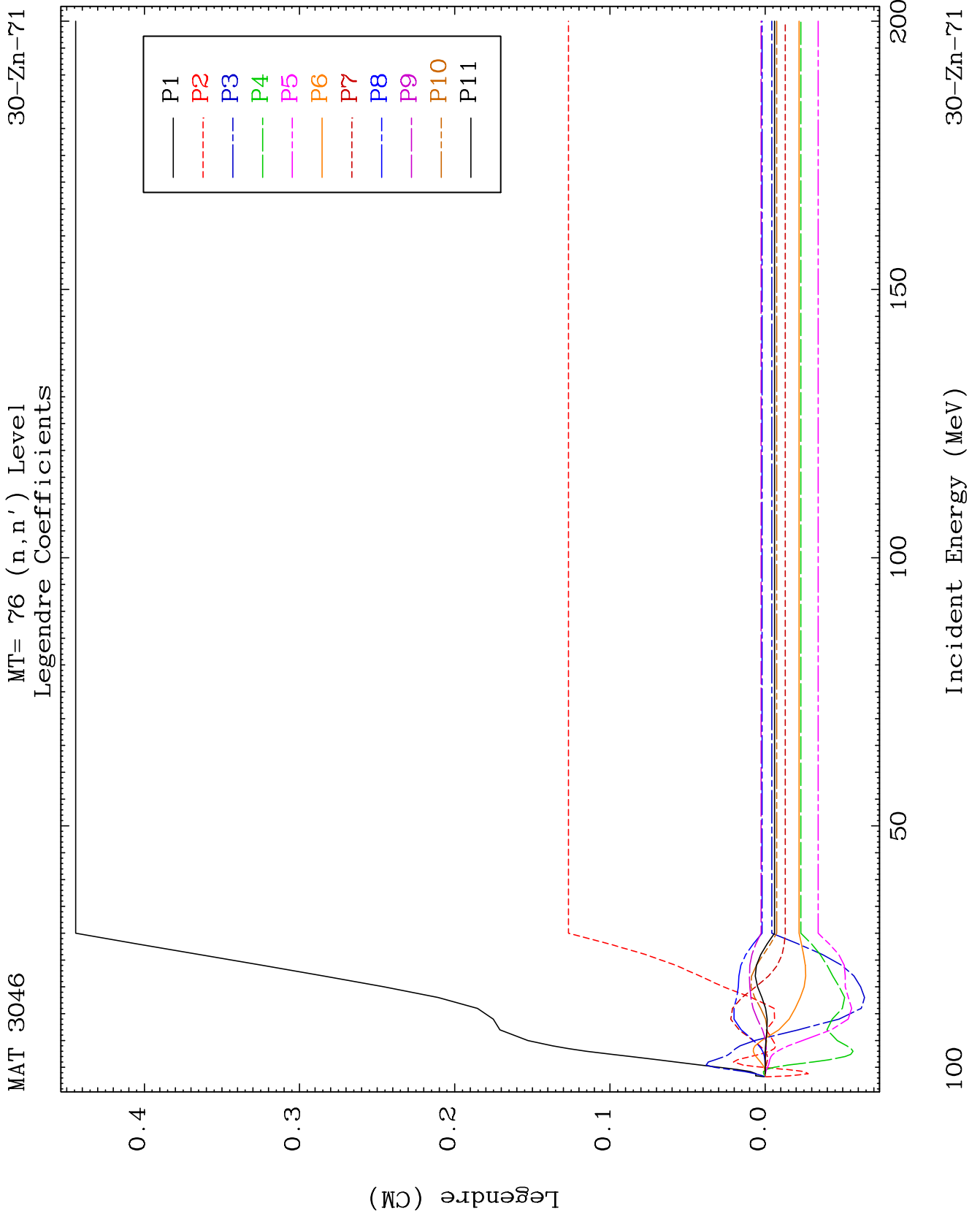


MAT 3046

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

30-Zn-71

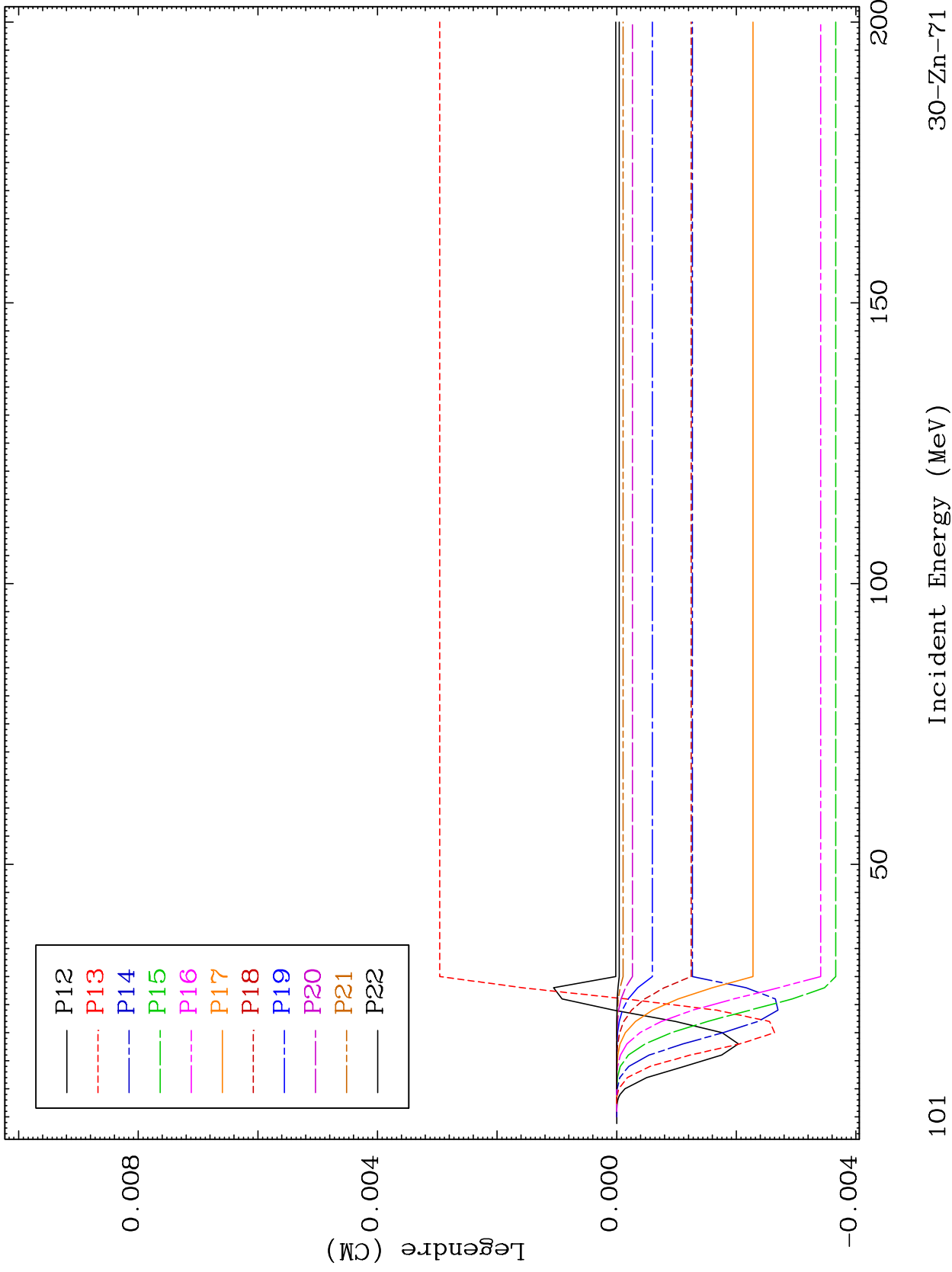




MAT 3046

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

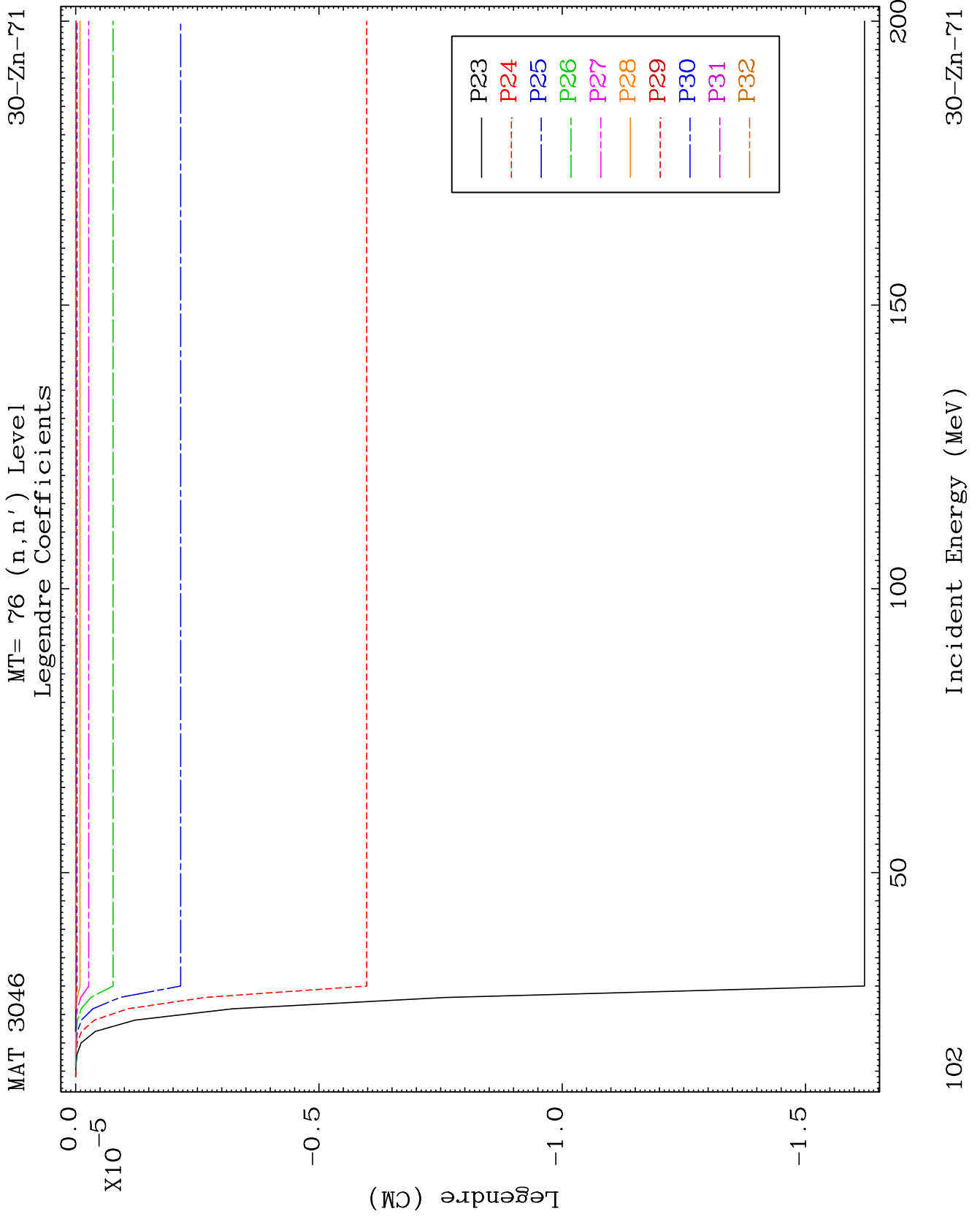
30-Zn-71



101

Incident Energy (MeV)

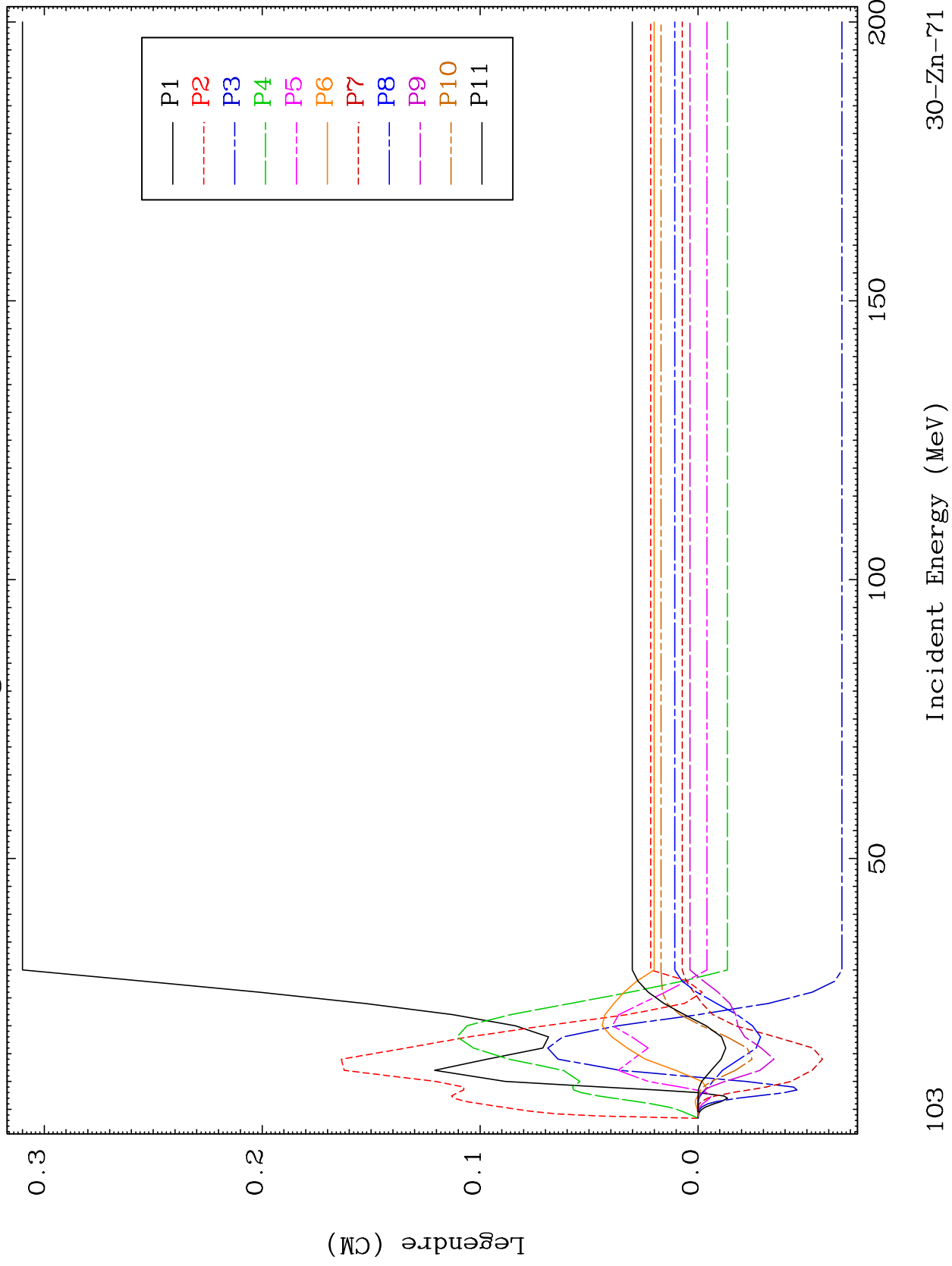
30-Zn-71



MAT 3046

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

30-Zn-71



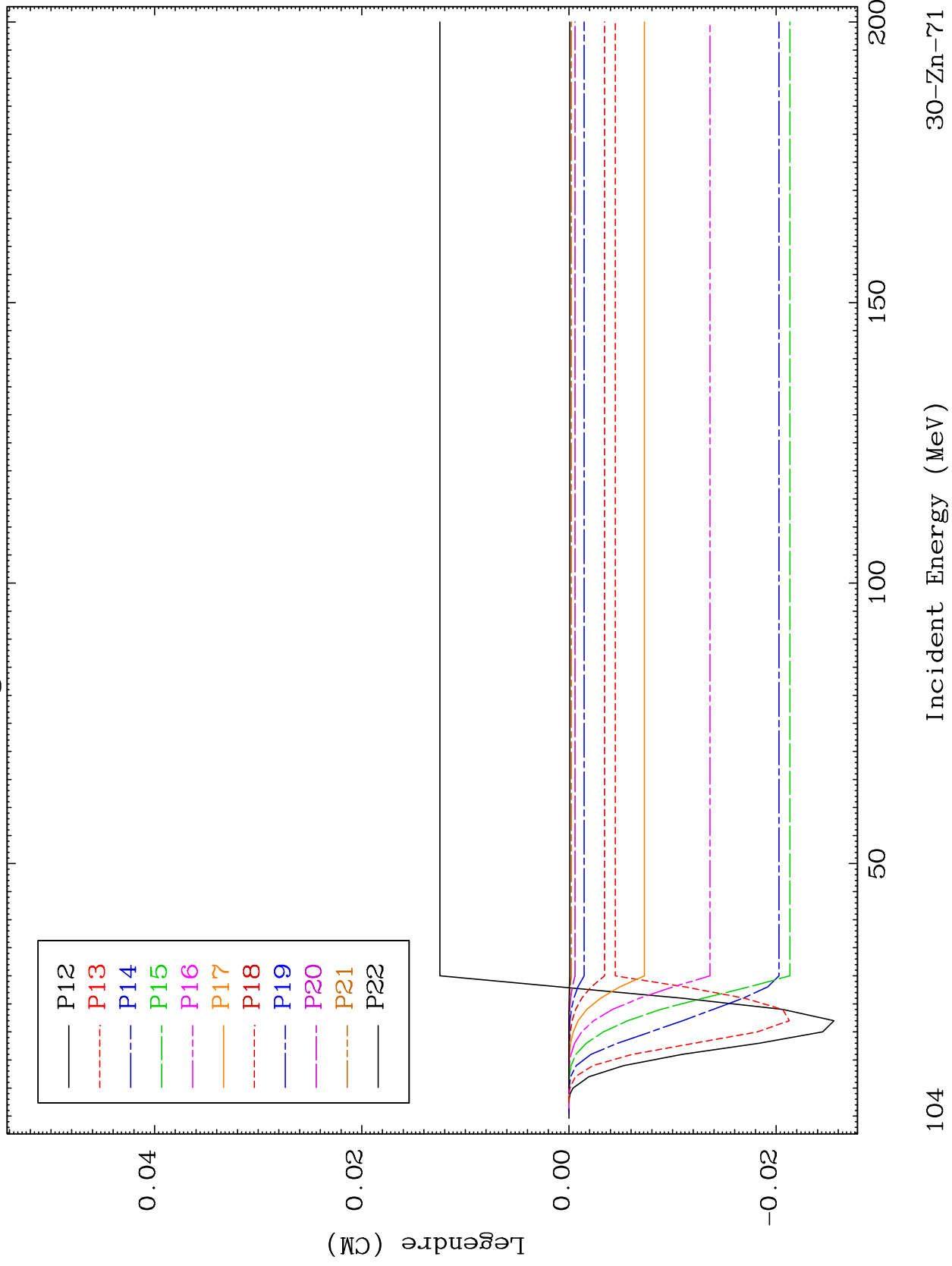
103



MAT 3046

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

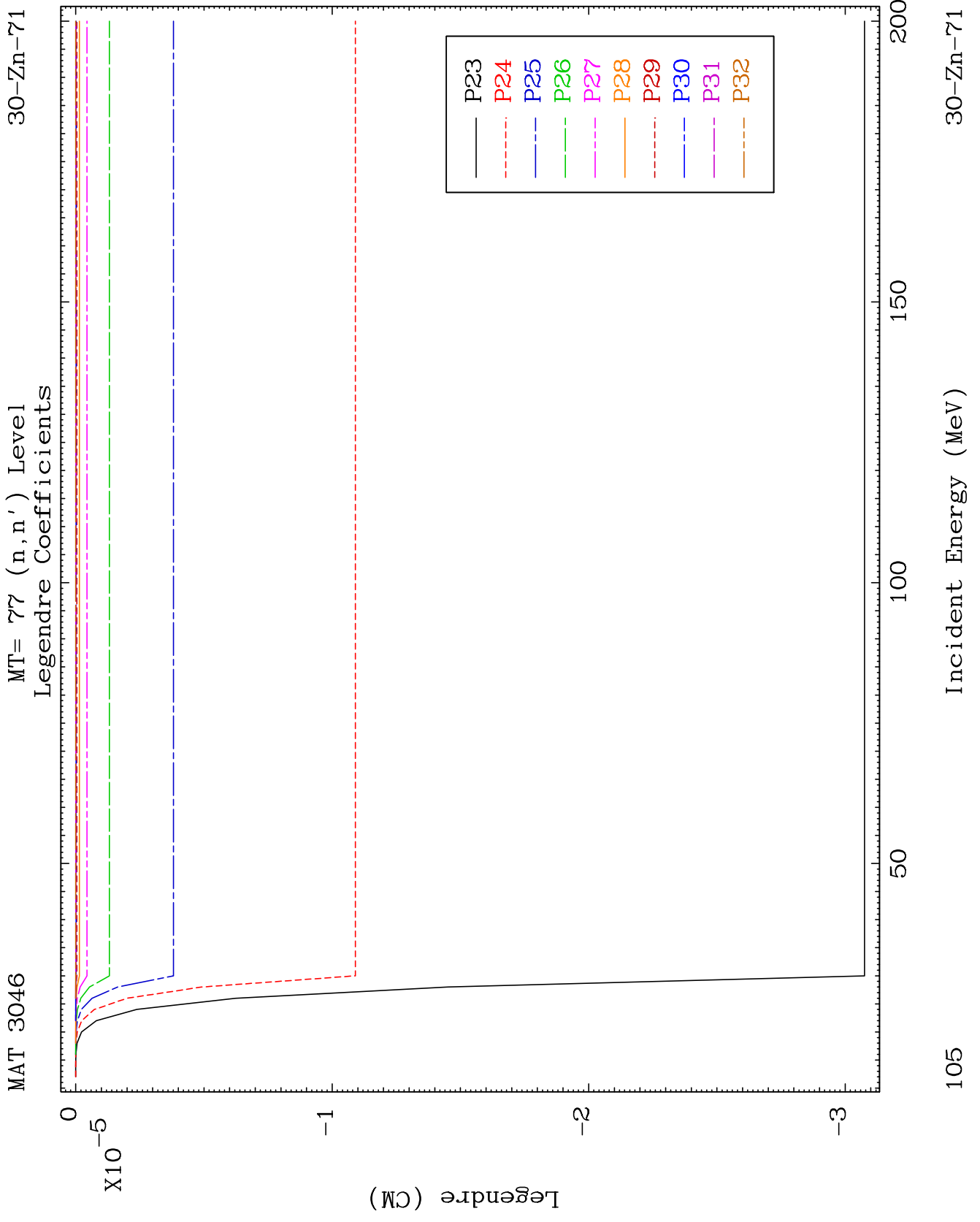
30-Zn-71

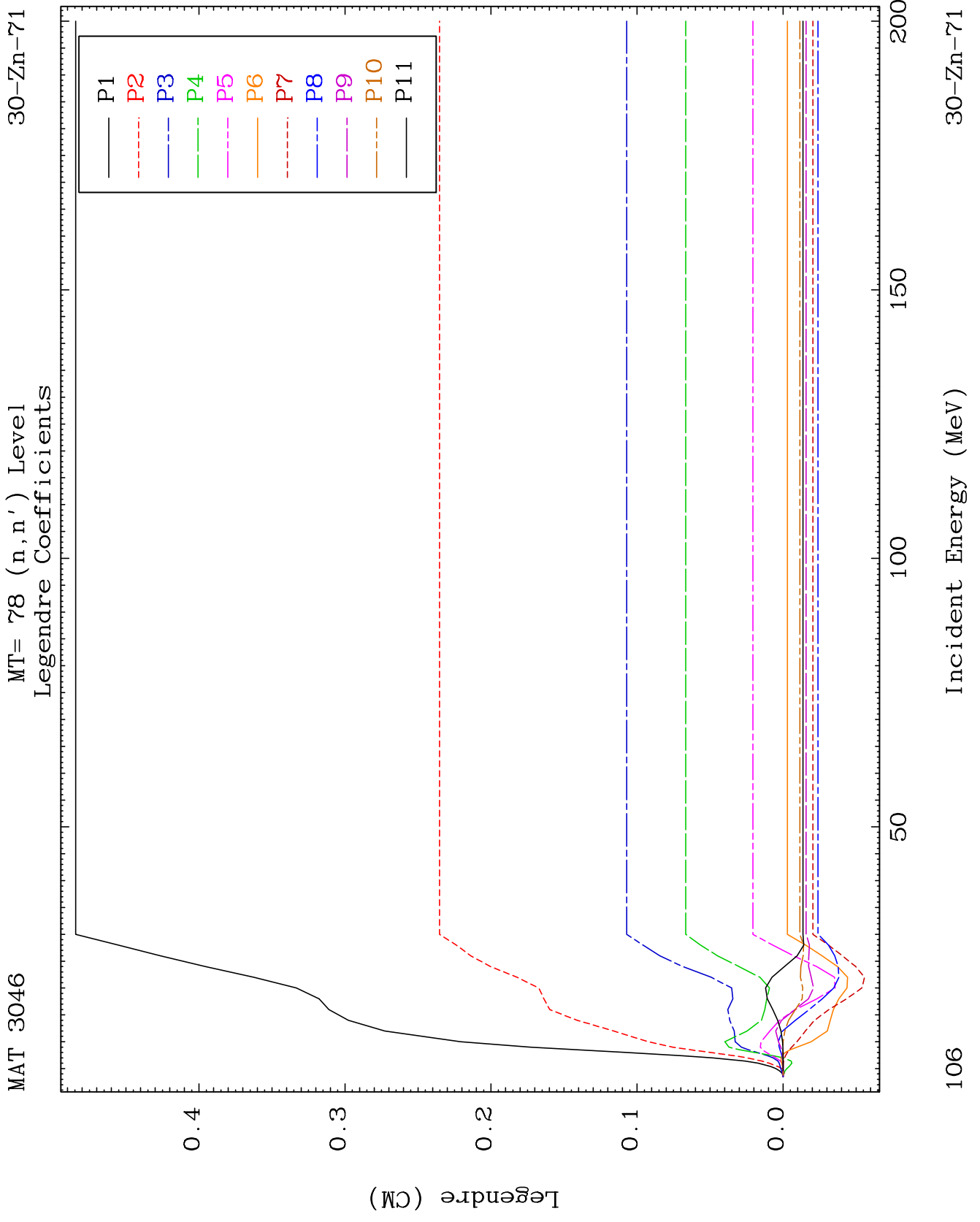


104

Incident Energy (MeV)

30-Zn-71

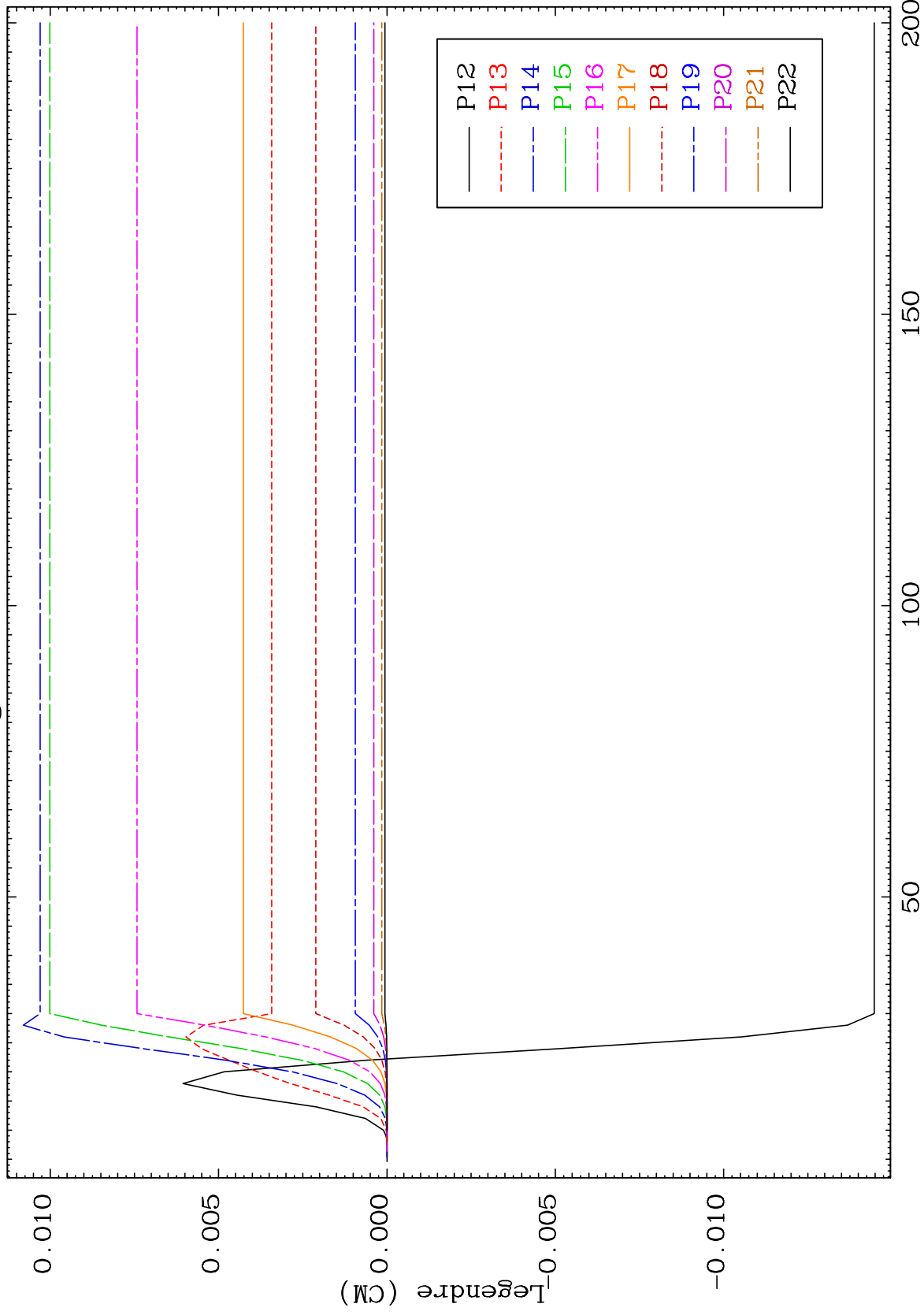




MAT 3046

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

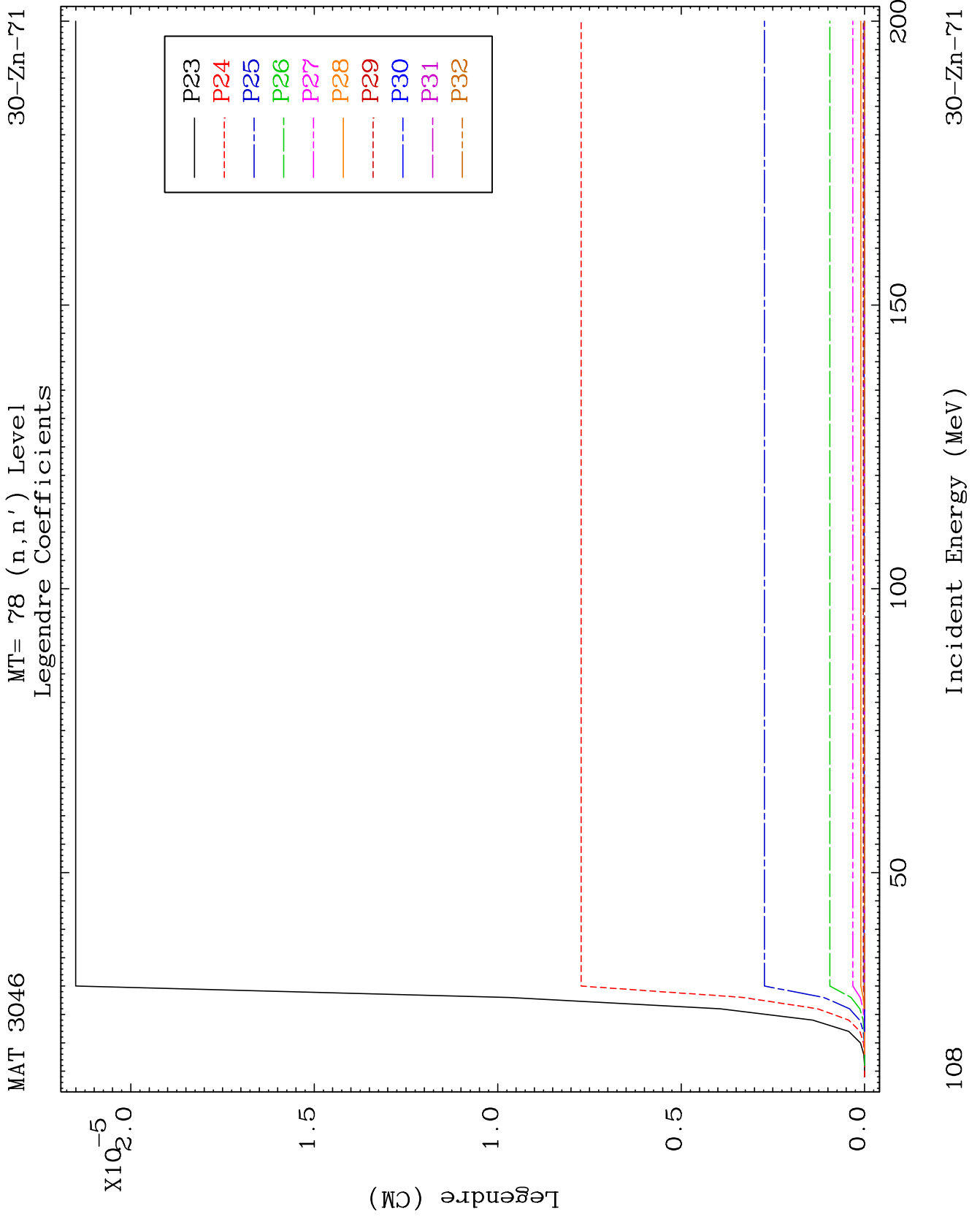
30-Zn-71

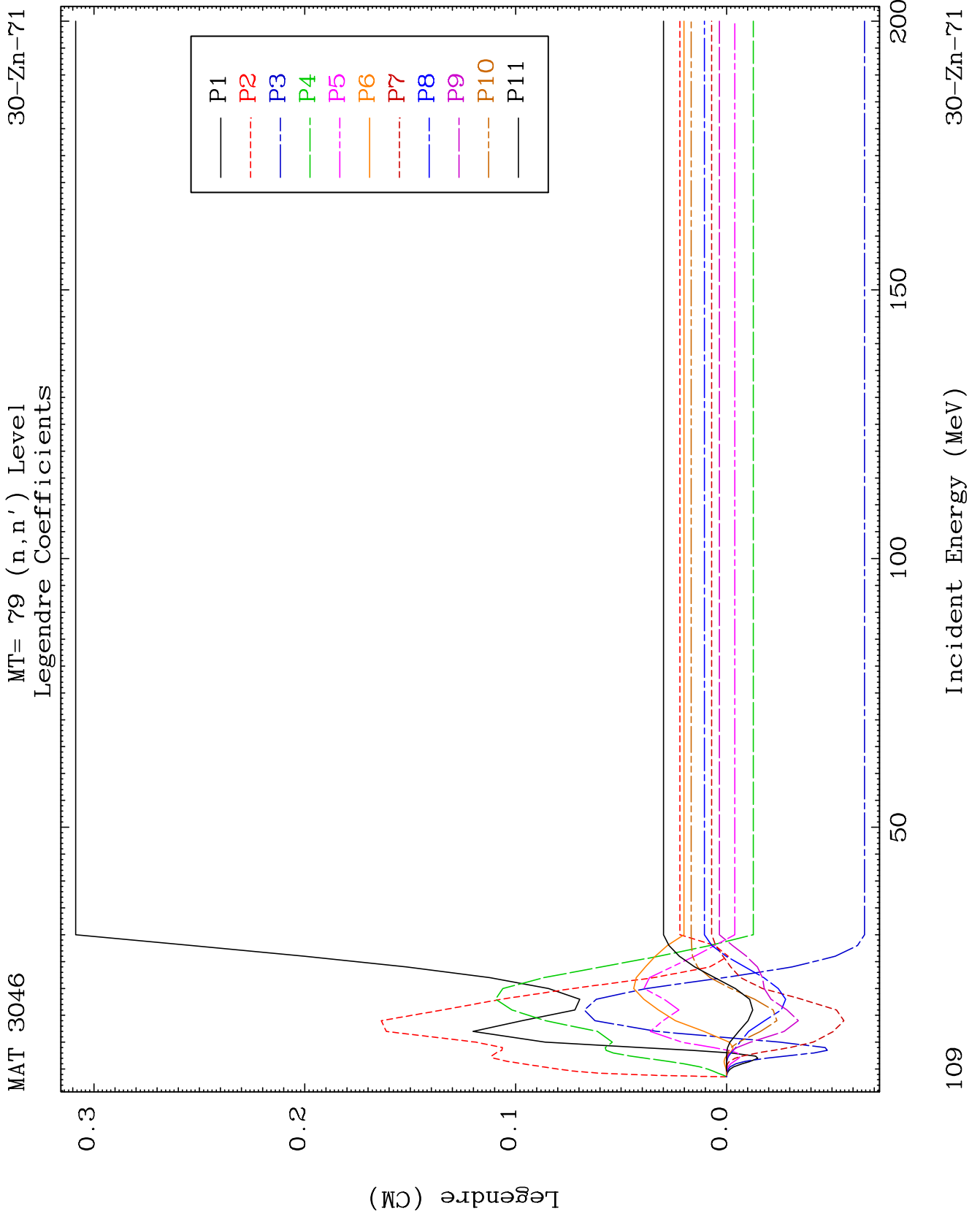


107

Incident Energy (MeV)

30-Zn-71

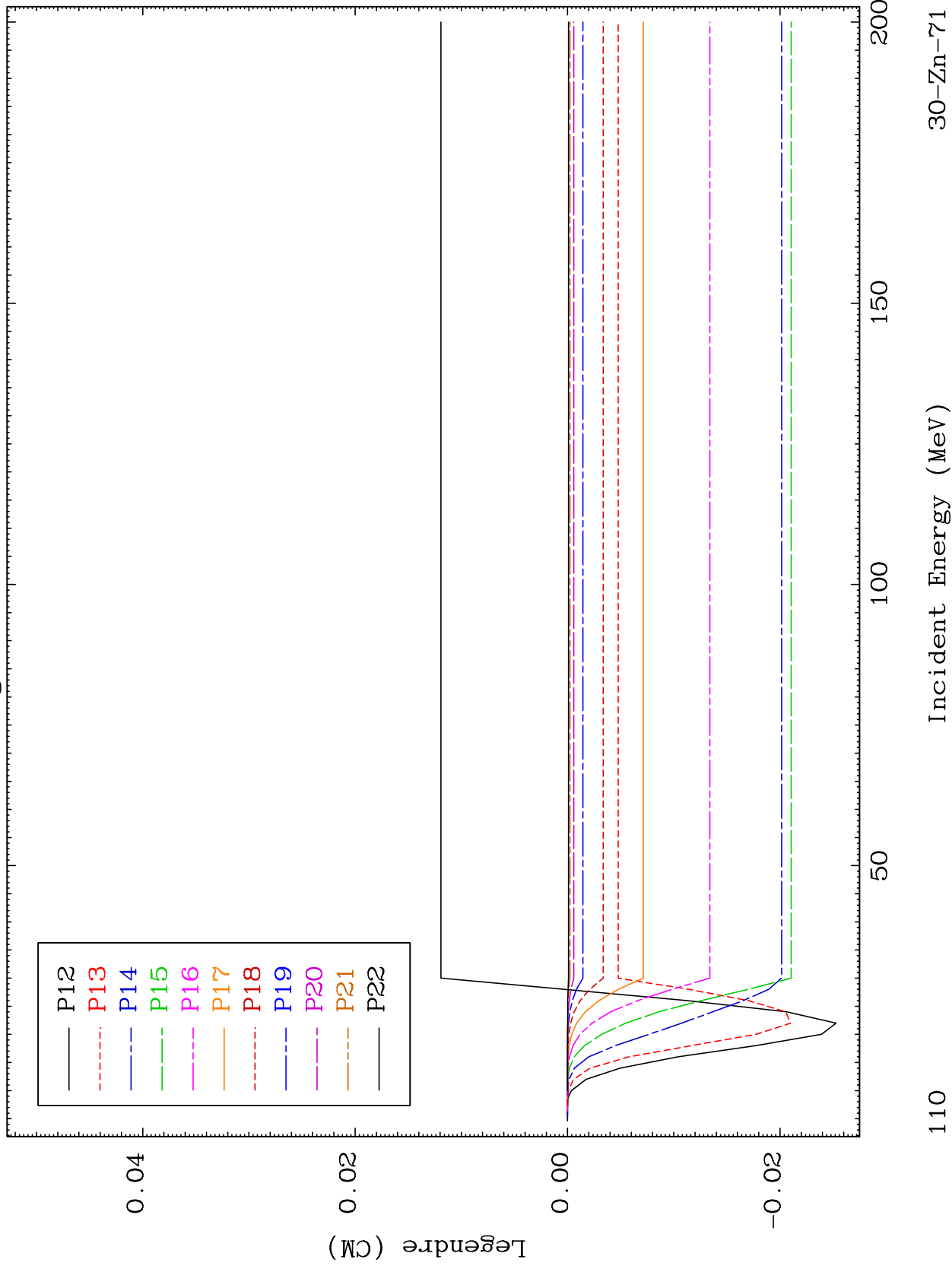




MAT 3046

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

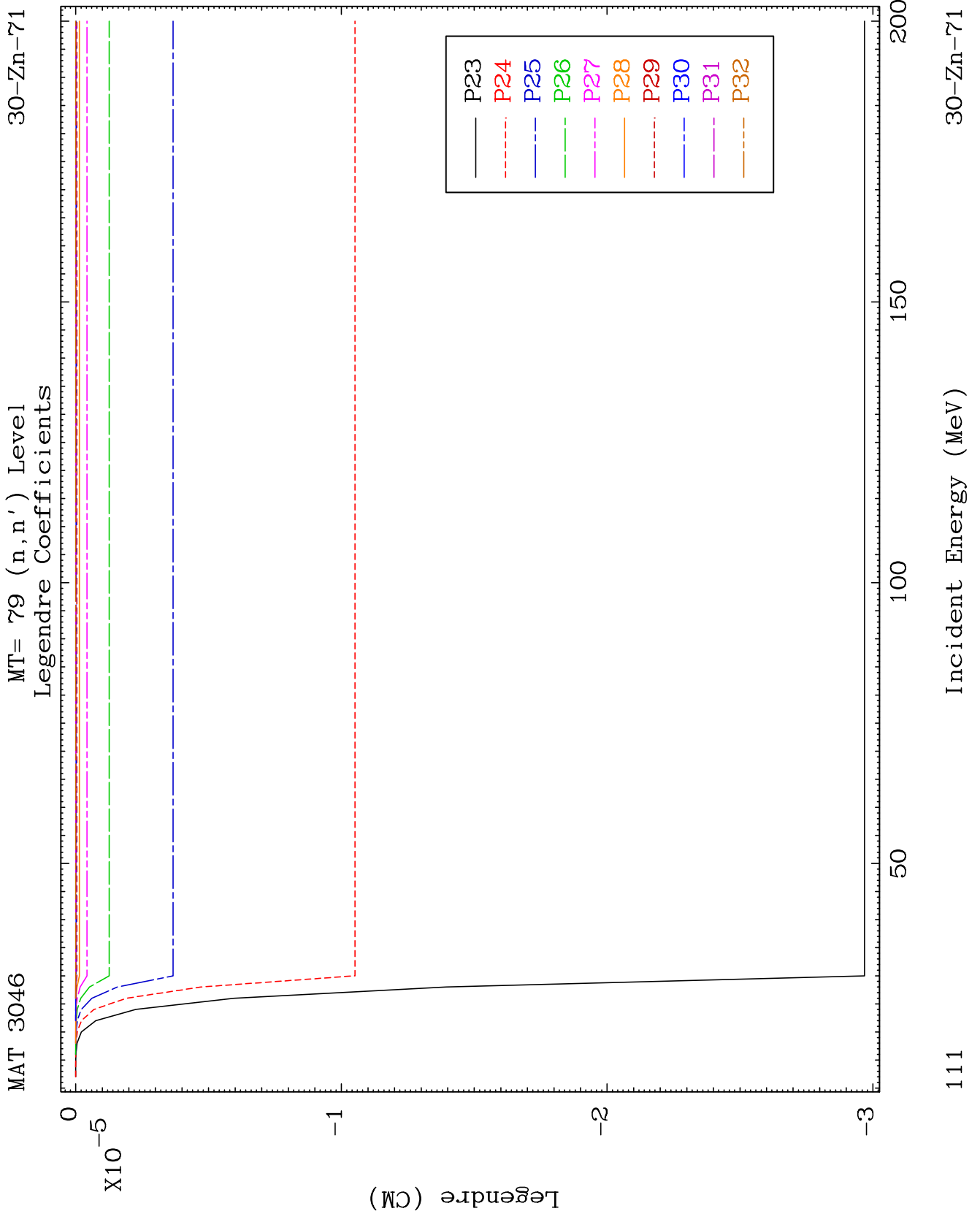
30-Zn-71



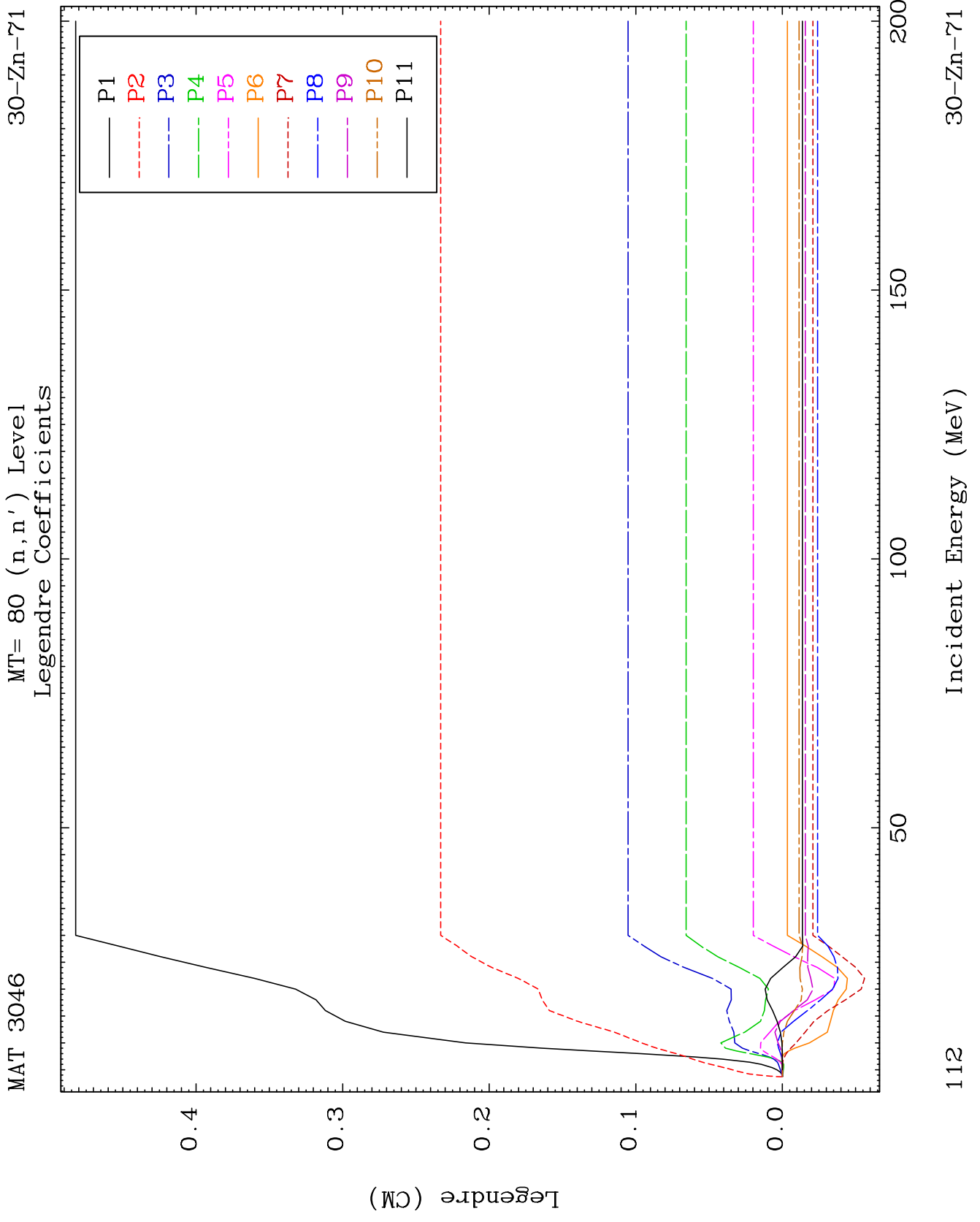
110

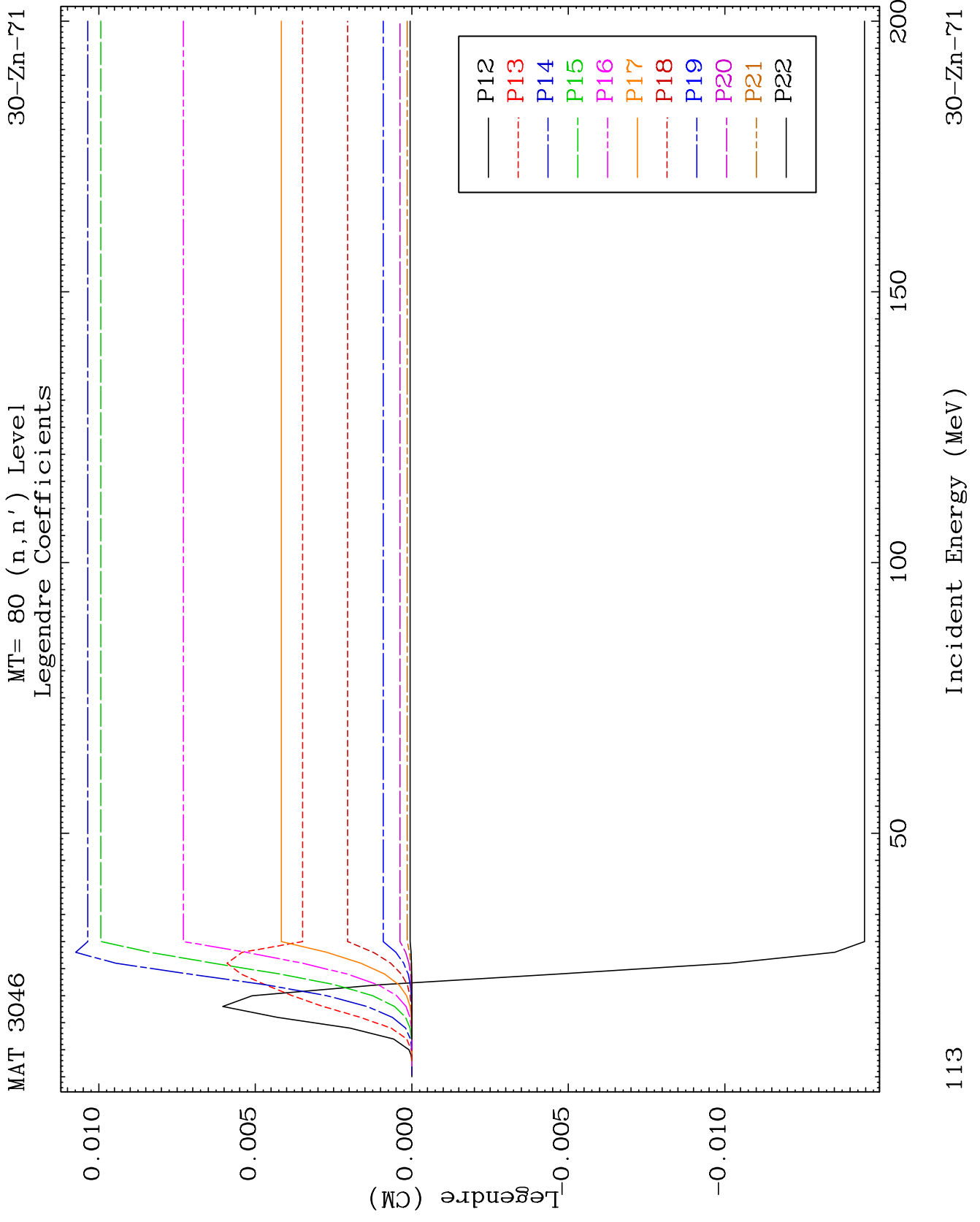
Incident Energy (MeV)

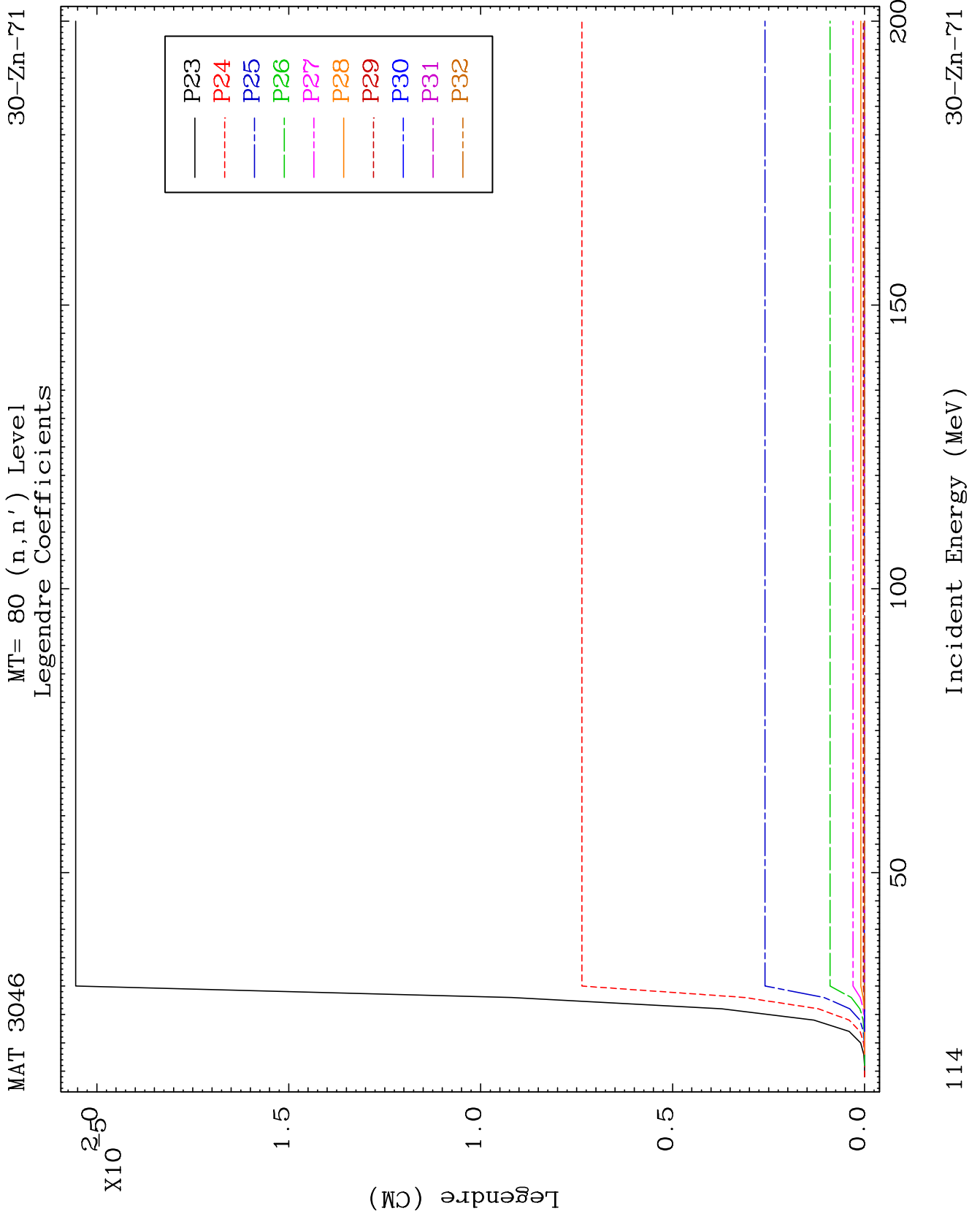
30-Zn-71







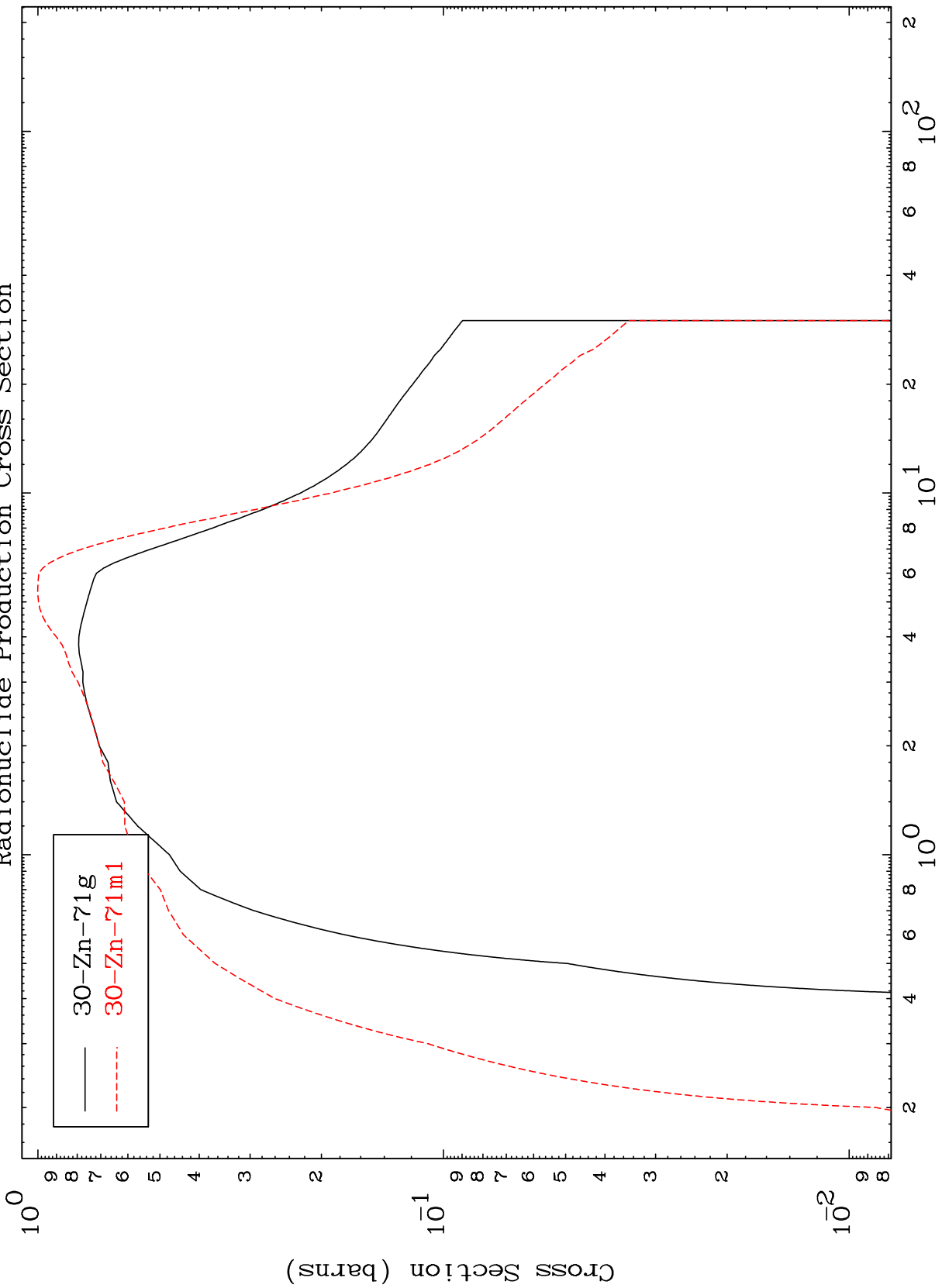




MAT 3046

30-Zn-71

Inelastic  
Radionuclide Production Cross Section



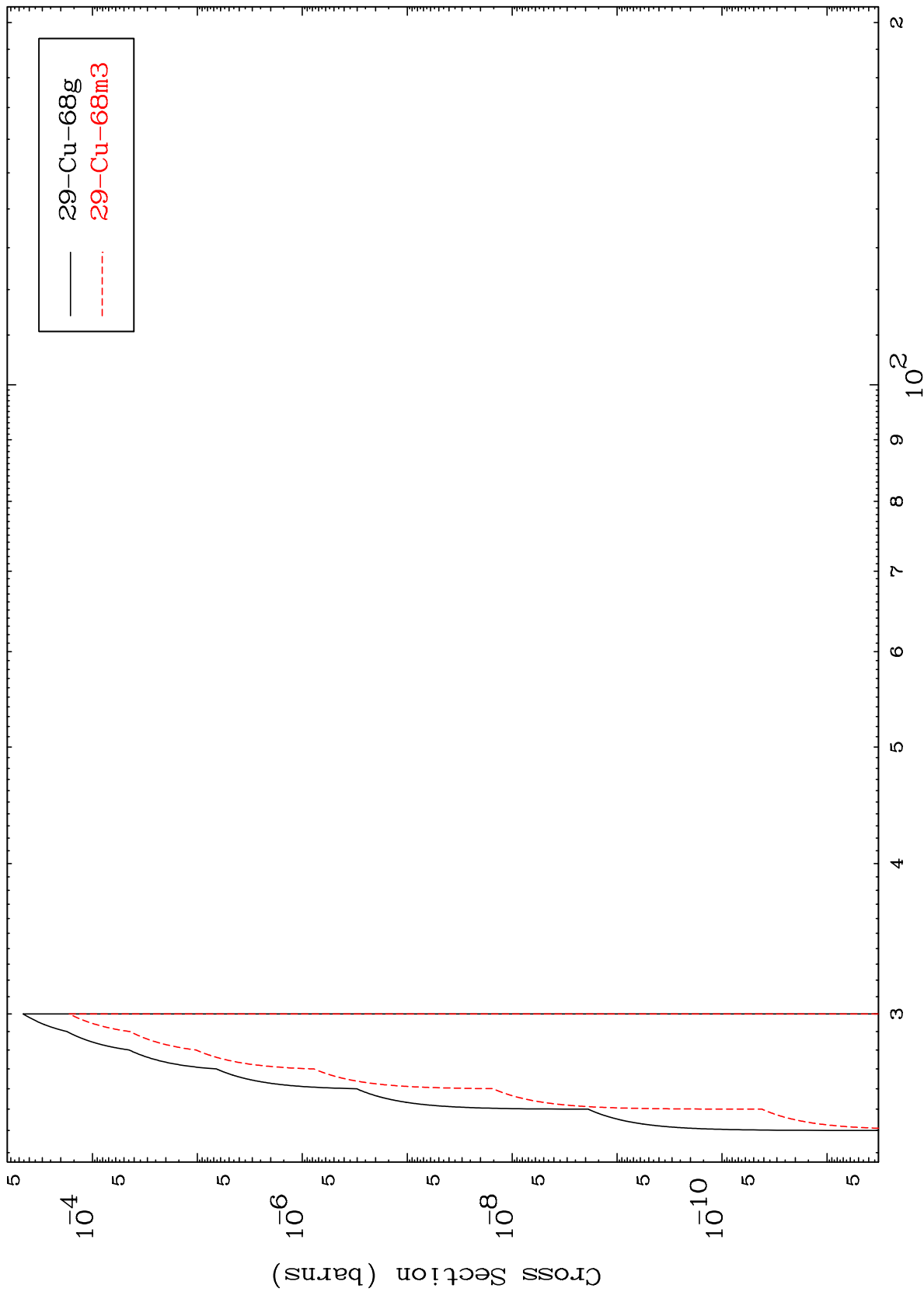
— 30-Zn-71 g  
- - - 30-Zn-71 m1

30-Zn-71

Incident Energy (MeV)

115

Radionuclide Production Cross Section

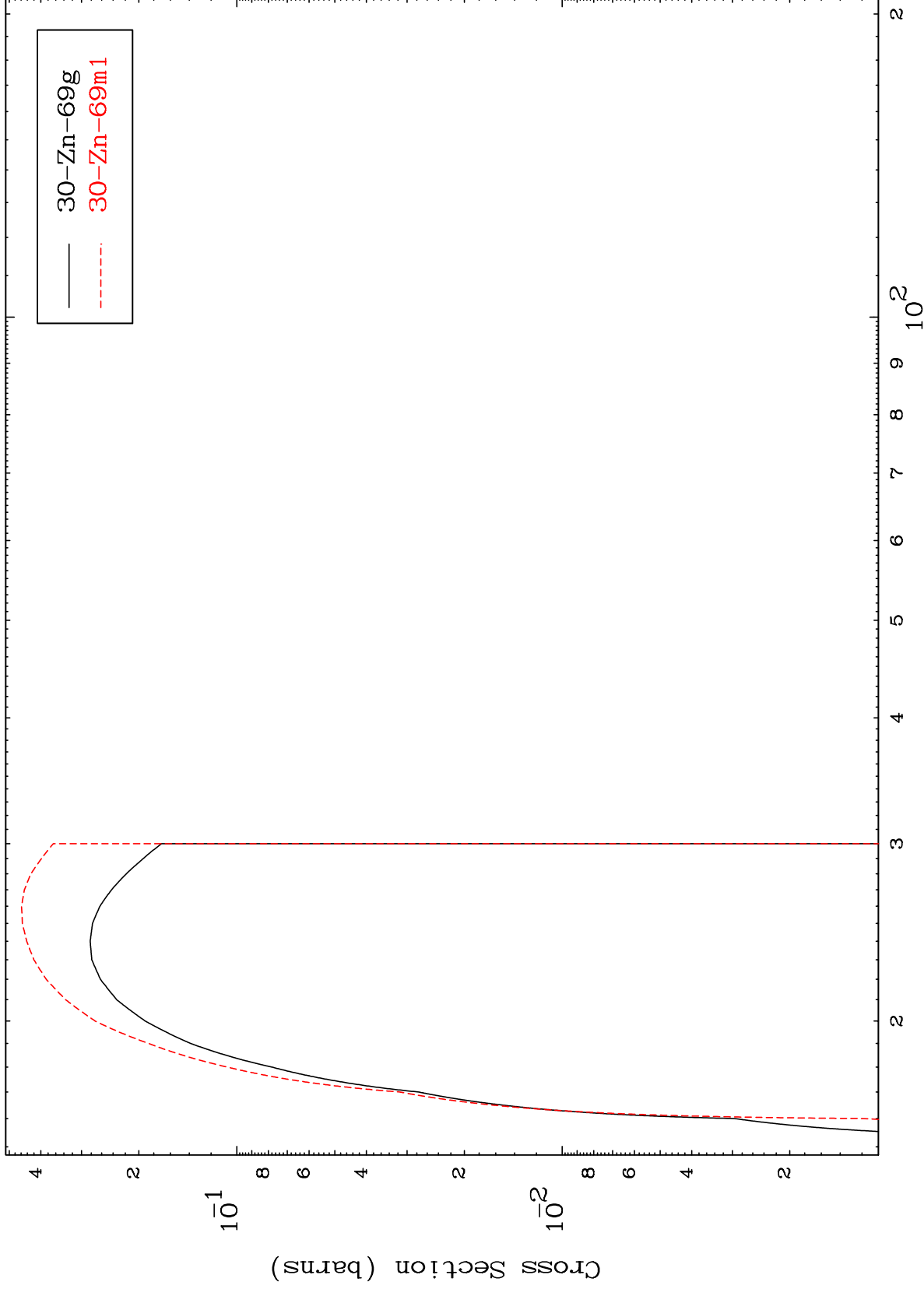


MAT 3046

(n,3n)

30-Zn-71

Radionuclide Production Cross Section

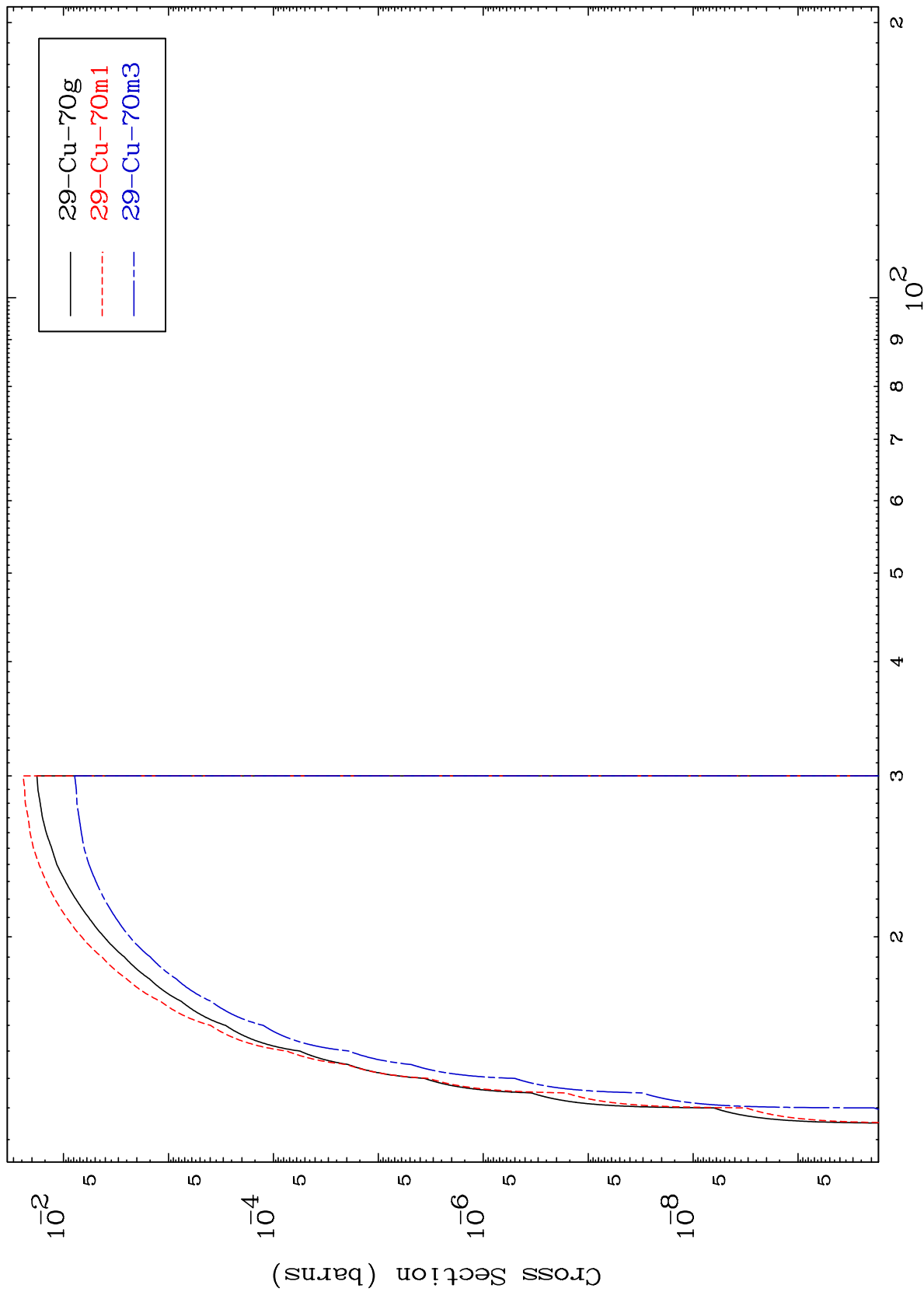


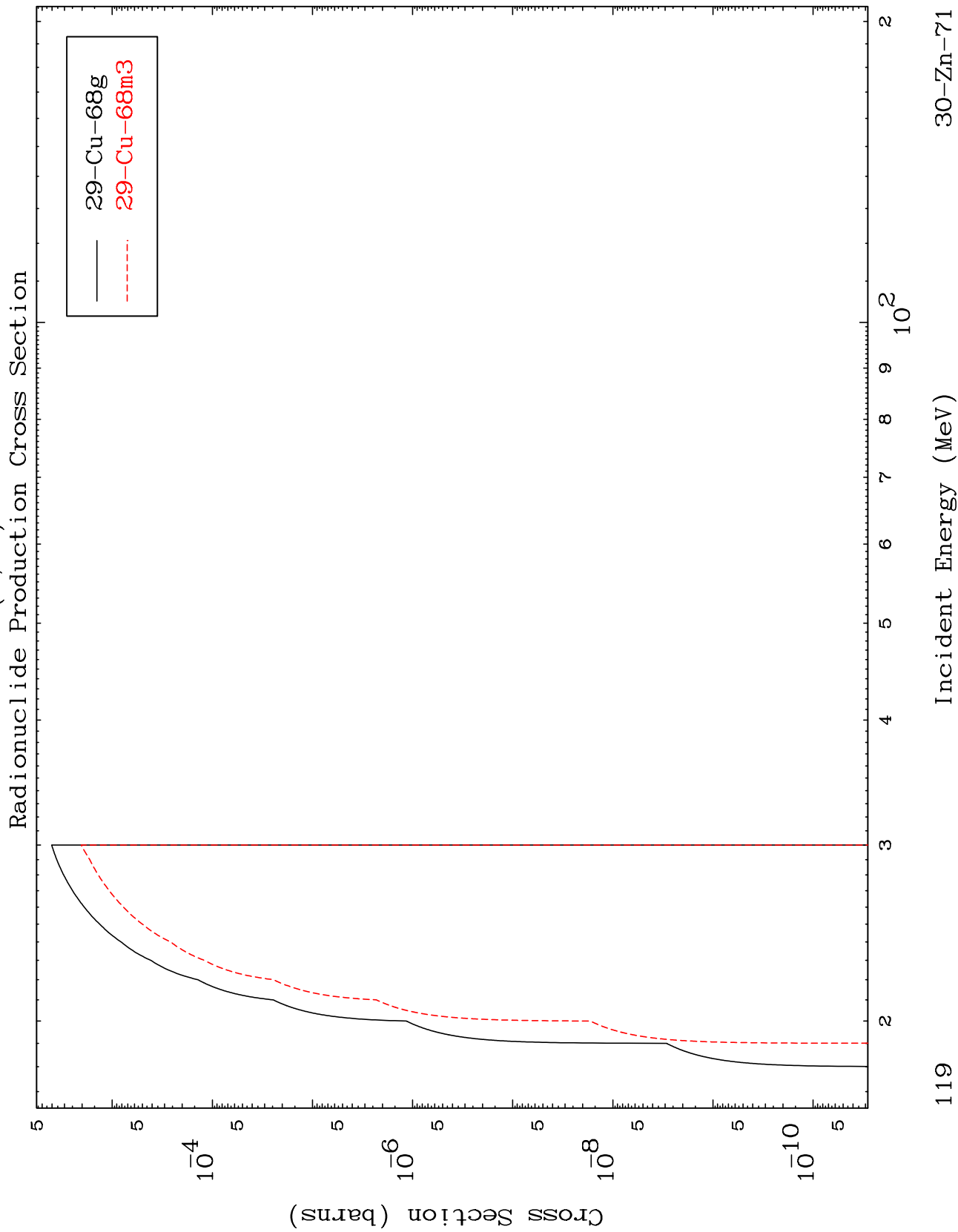
117

Incident Energy (MeV)

30-Zn-71

Radionuclide Production Cross Section





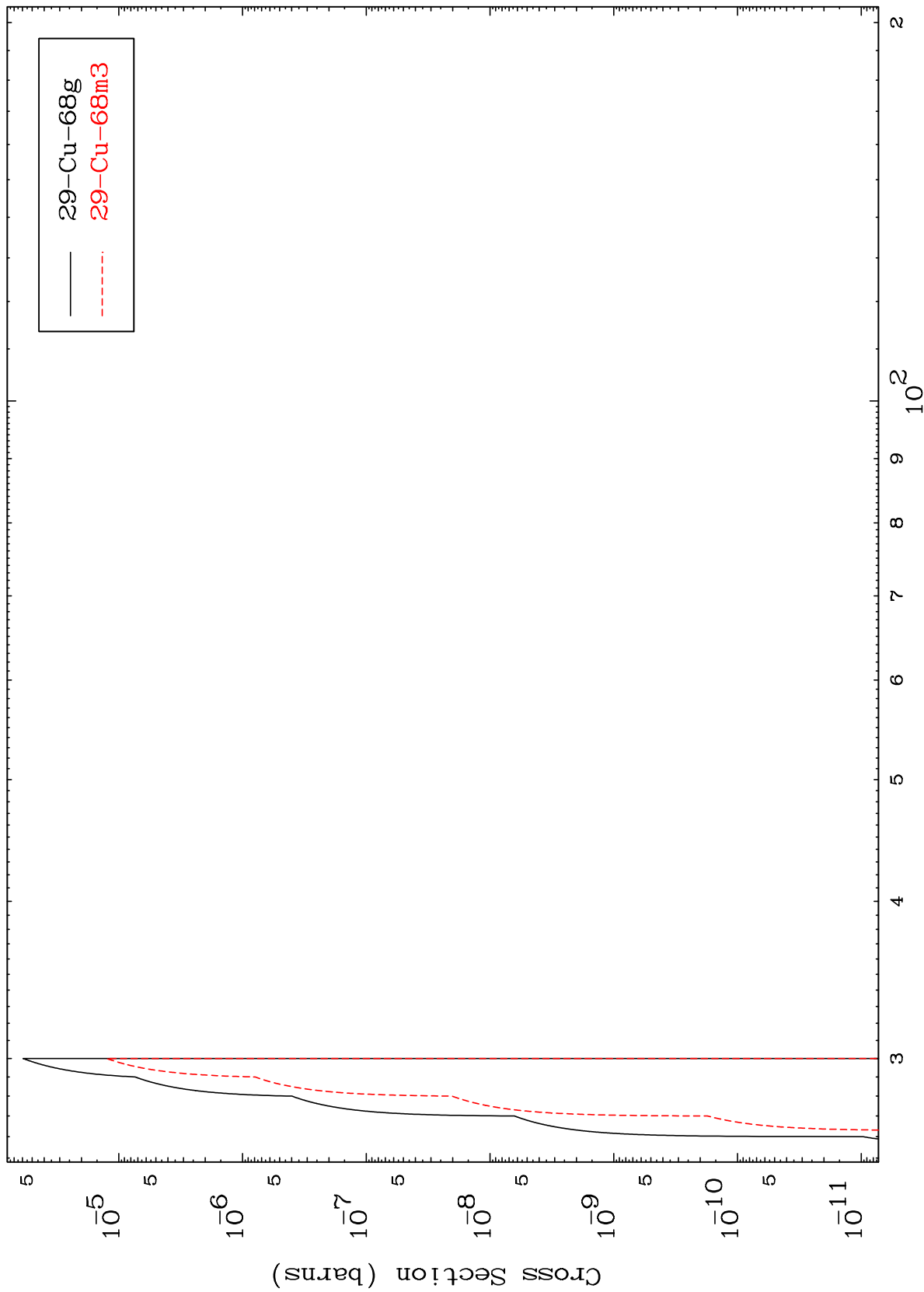


MAT 3046

(n,3n) p

30-Zn-71

Radionuclide Production Cross Section



120

Incident Energy (MeV)

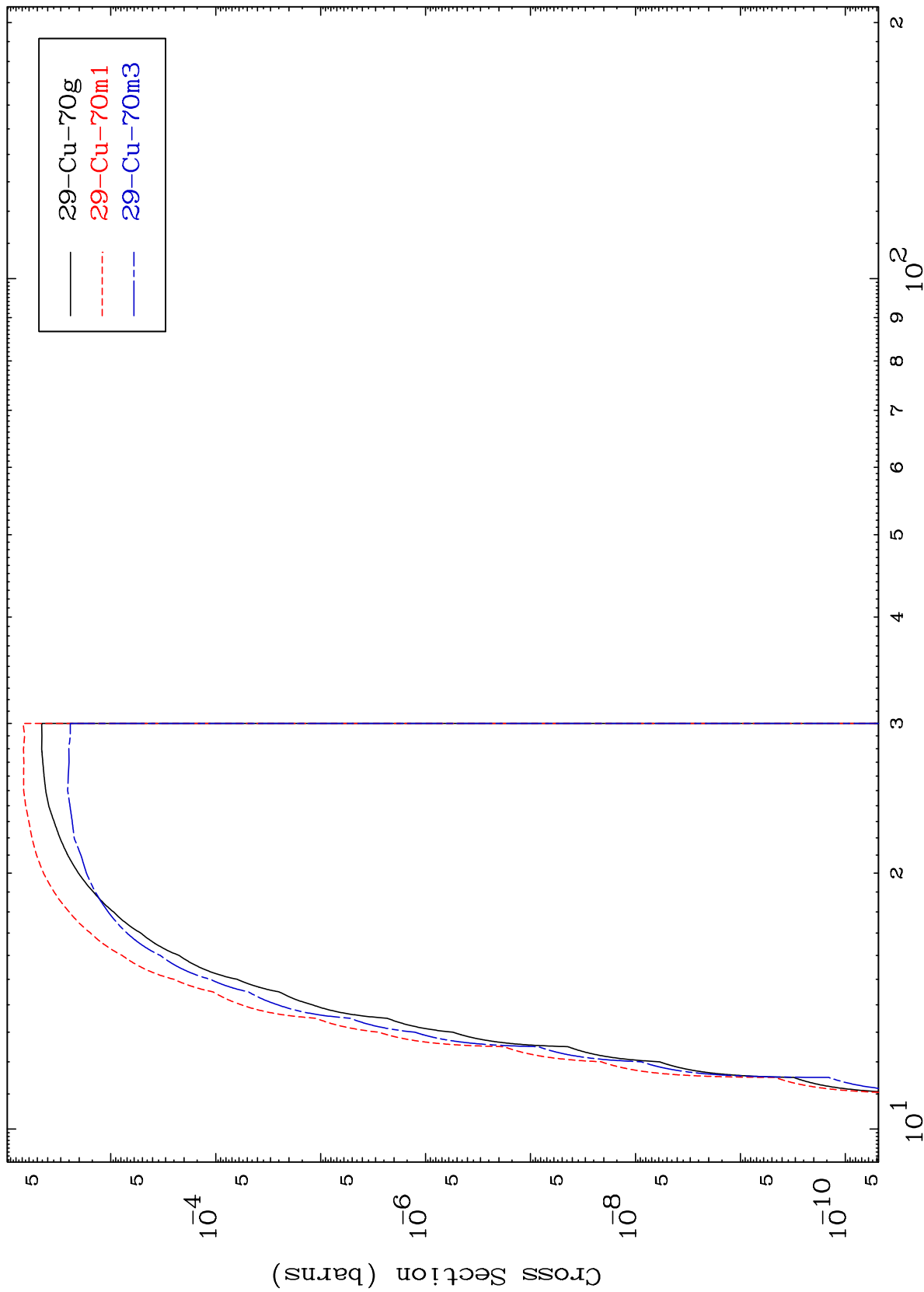
30-Zn-71

MAT 3046

(n,d)

30-Zn-71

Radionuclide Production Cross Section



Incident Energy (MeV)

30-Zn-71