

Program EVALPLOT  
(Version 2015-2)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

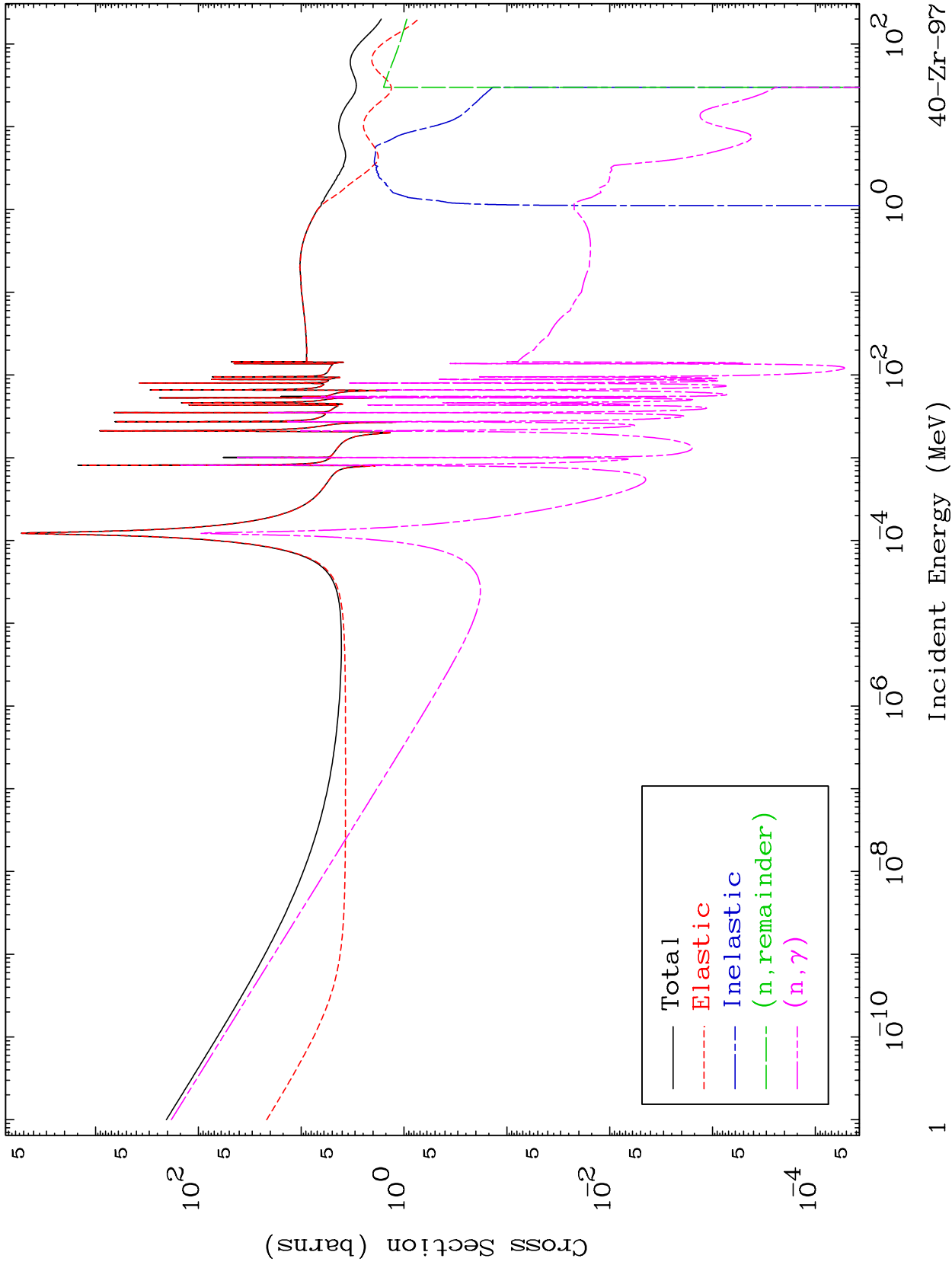
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4046

Major  
293 Kelvin Cross Sections

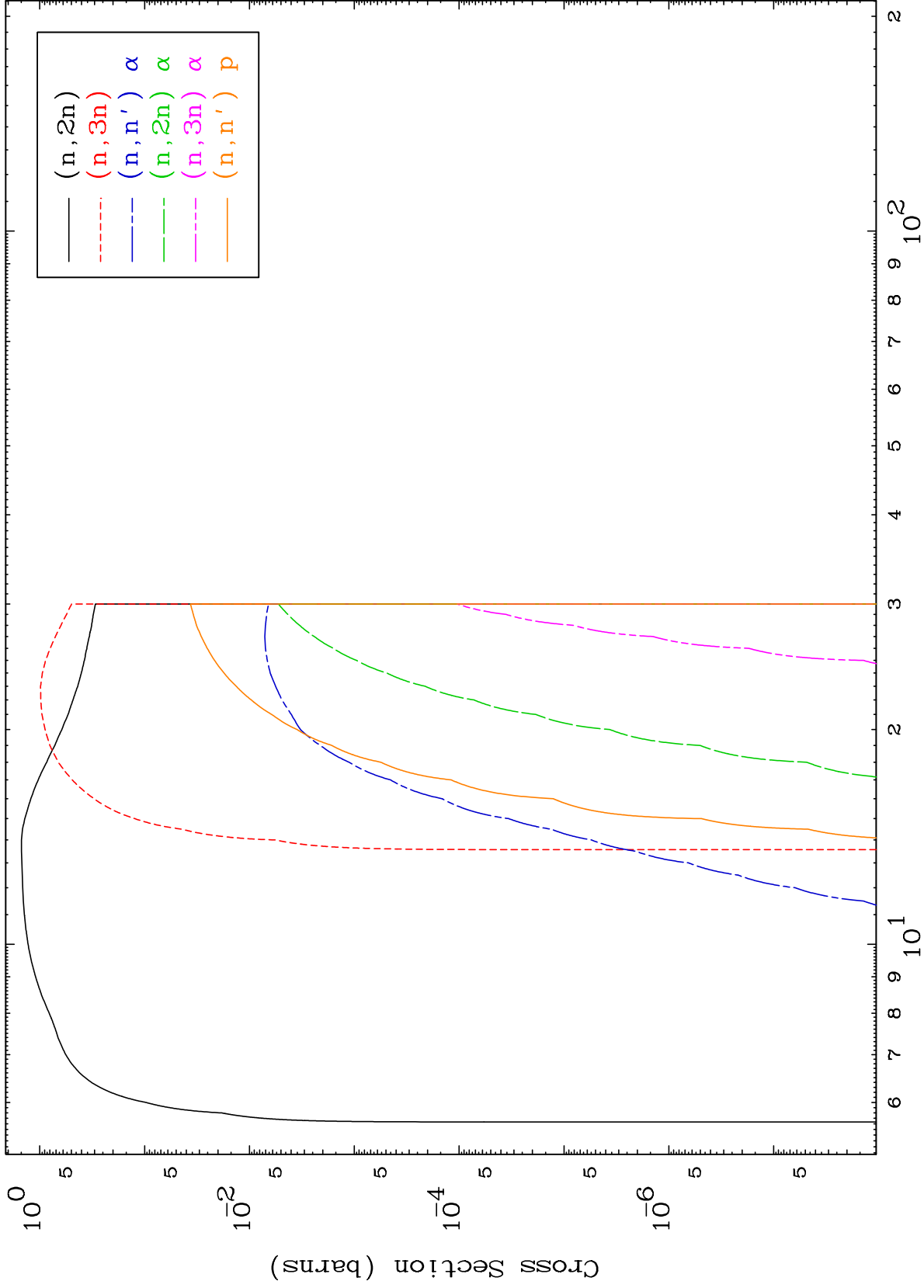
40-Zr-97



MAT 4046

### Neutron Production 293 Kelvin Cross Sections

40-Zr-97



2

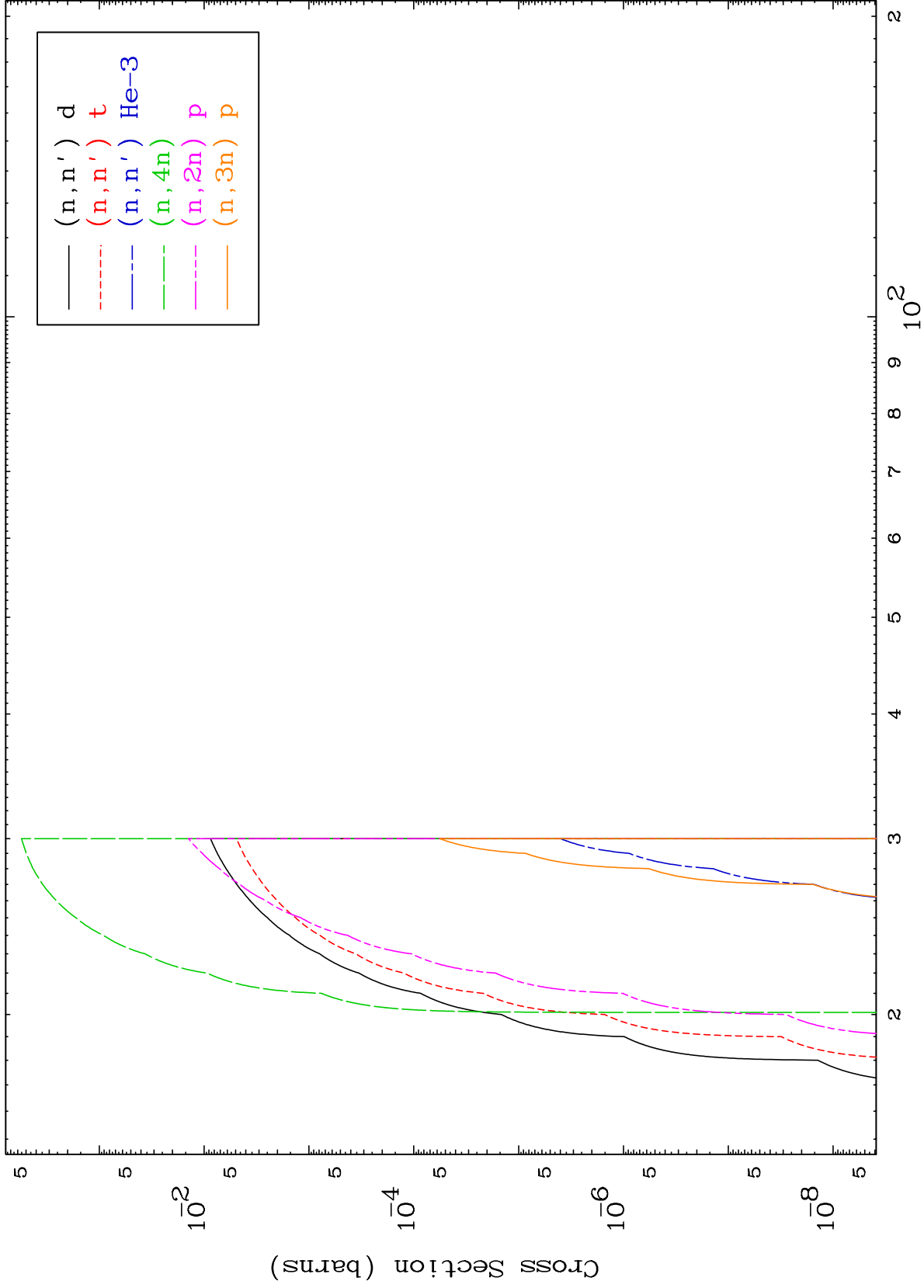
Incident Energy (MeV)

40-Zr-97

MAT 4046

Neutron Production  
293 Kelvin Cross Sections

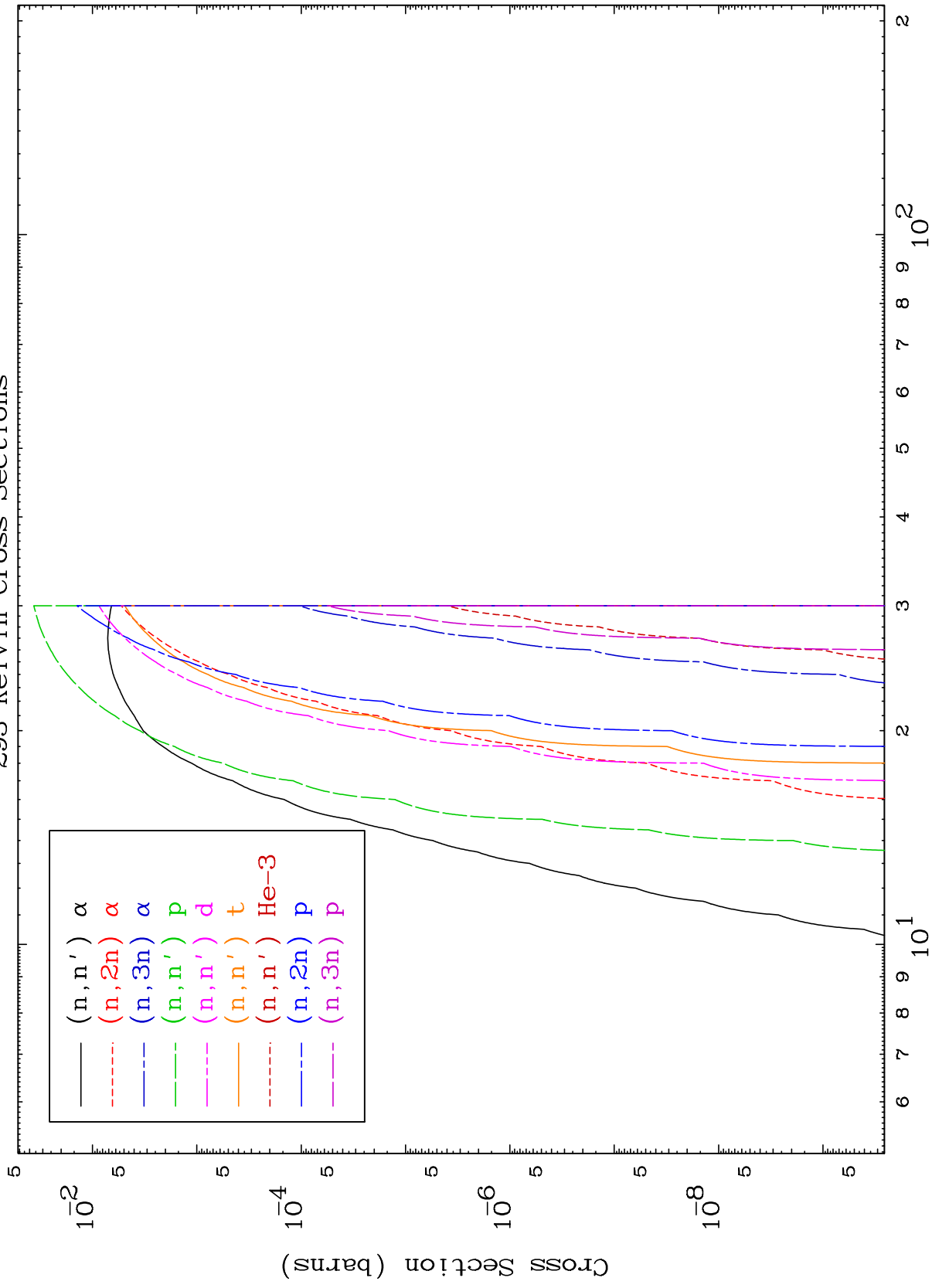
40-Zr-97



3

Incident Energy (MeV)

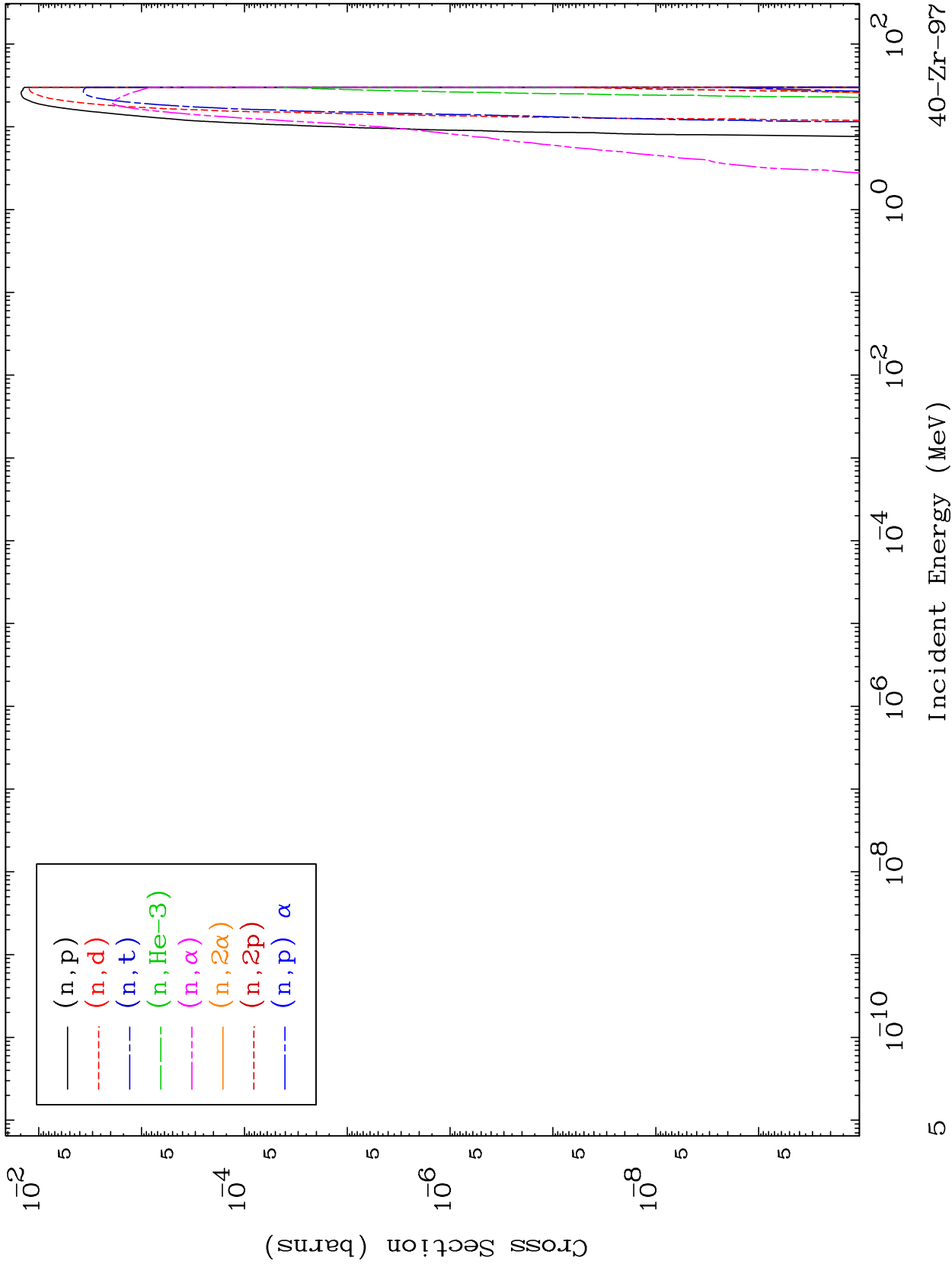
40-Zr-97



MAT 4046

Charged Particle  
293 Kelvin Cross Sections

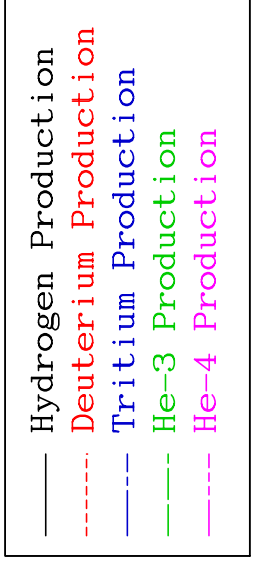
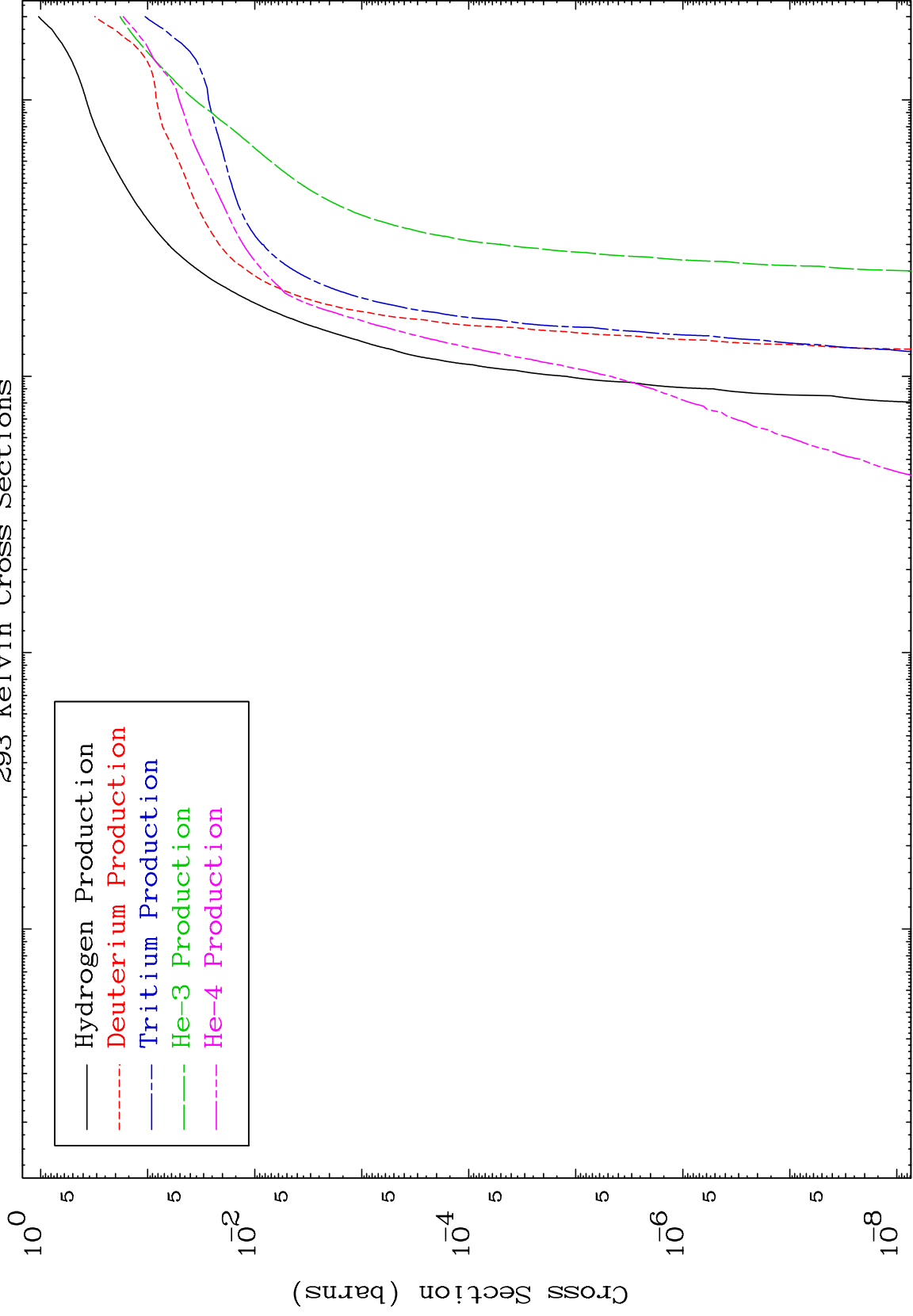
40-Zr-97



MAT 4046

Particle Production  
293 Kelvin Cross Sections

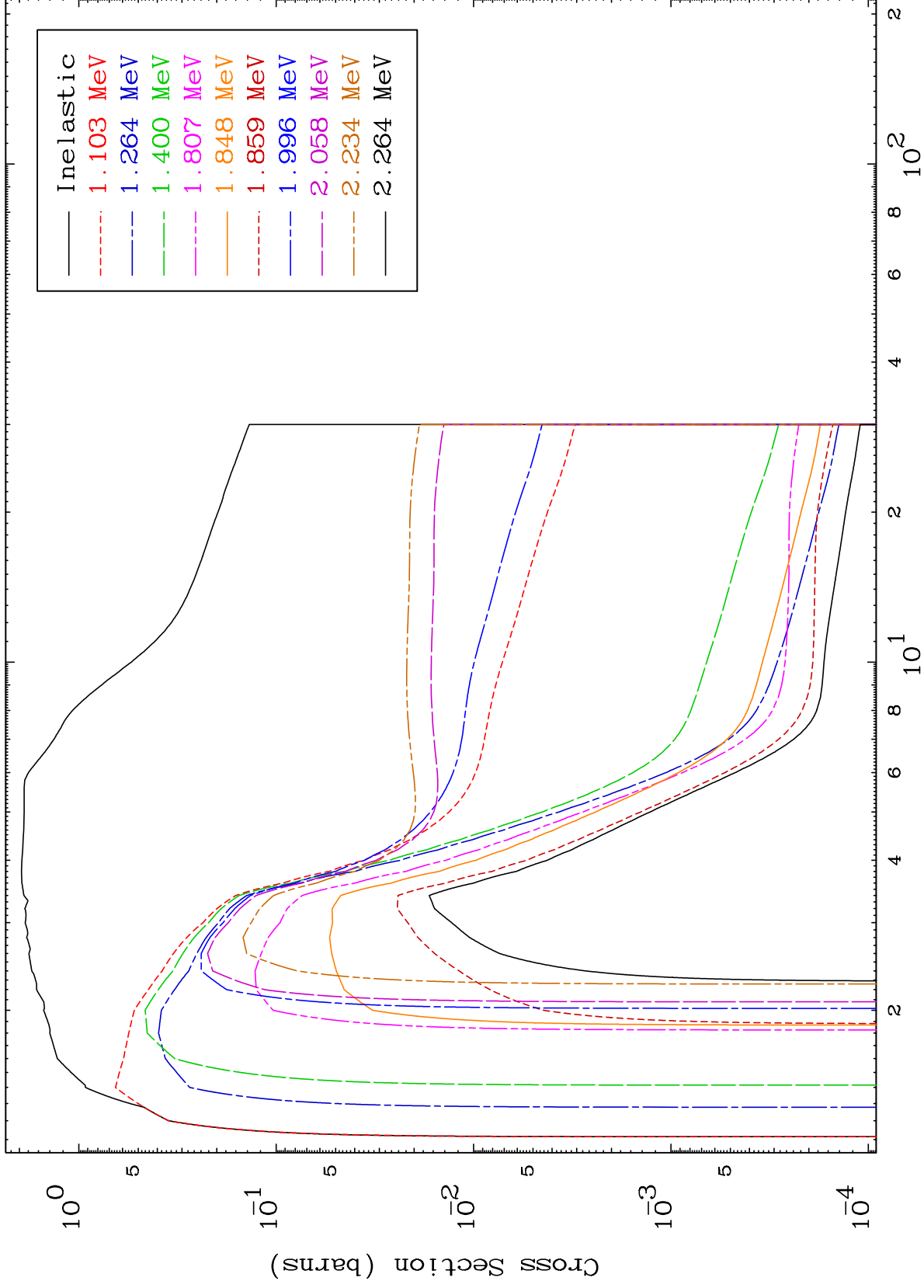
40-Zr-97



MAT 4046

(n,n') Level  
293 Kelvin Cross Sections

40-Zr-97



7

Incident Energy (MeV)

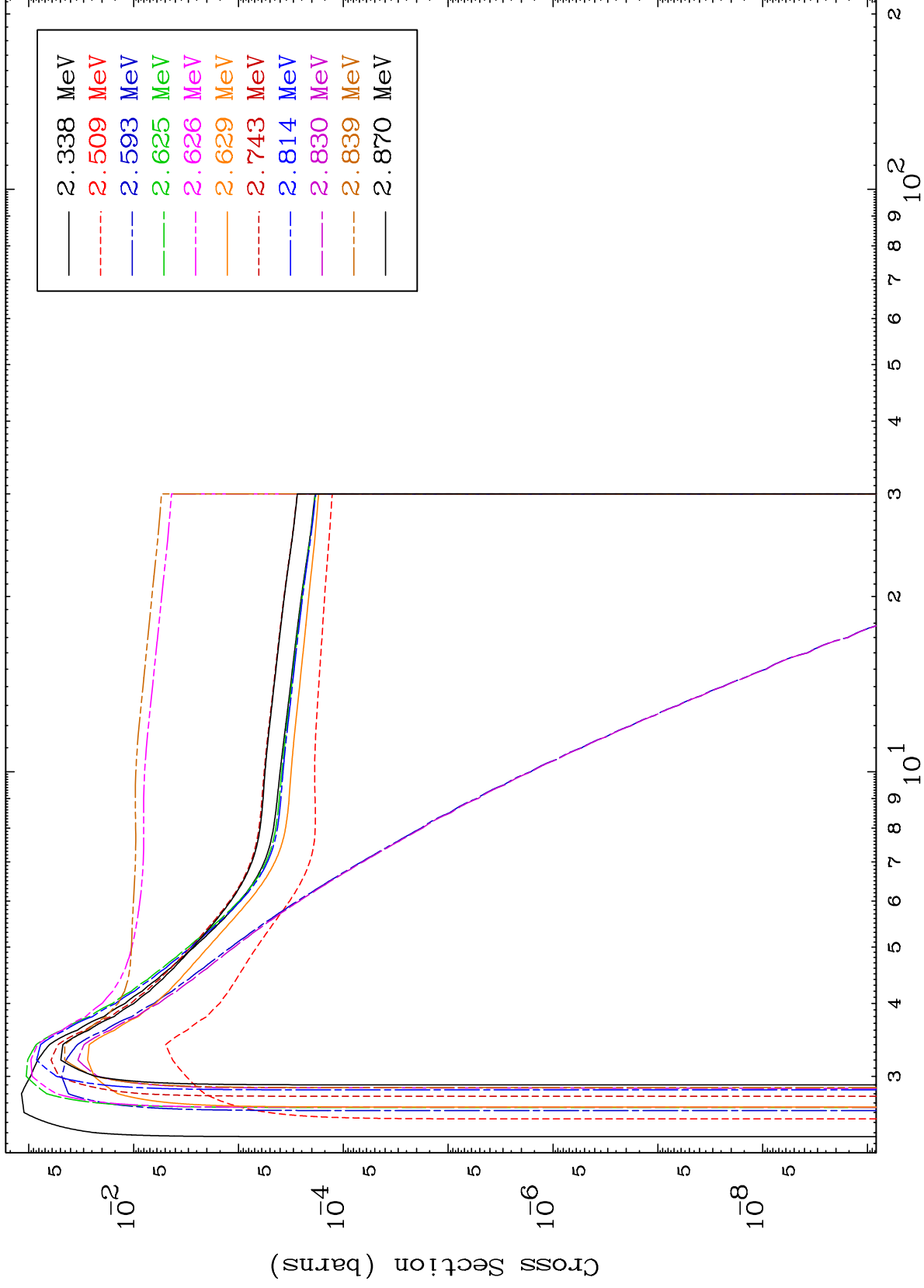
40-Zr-97



MAT 4046

(n,n') Level  
293 Kelvin Cross Sections

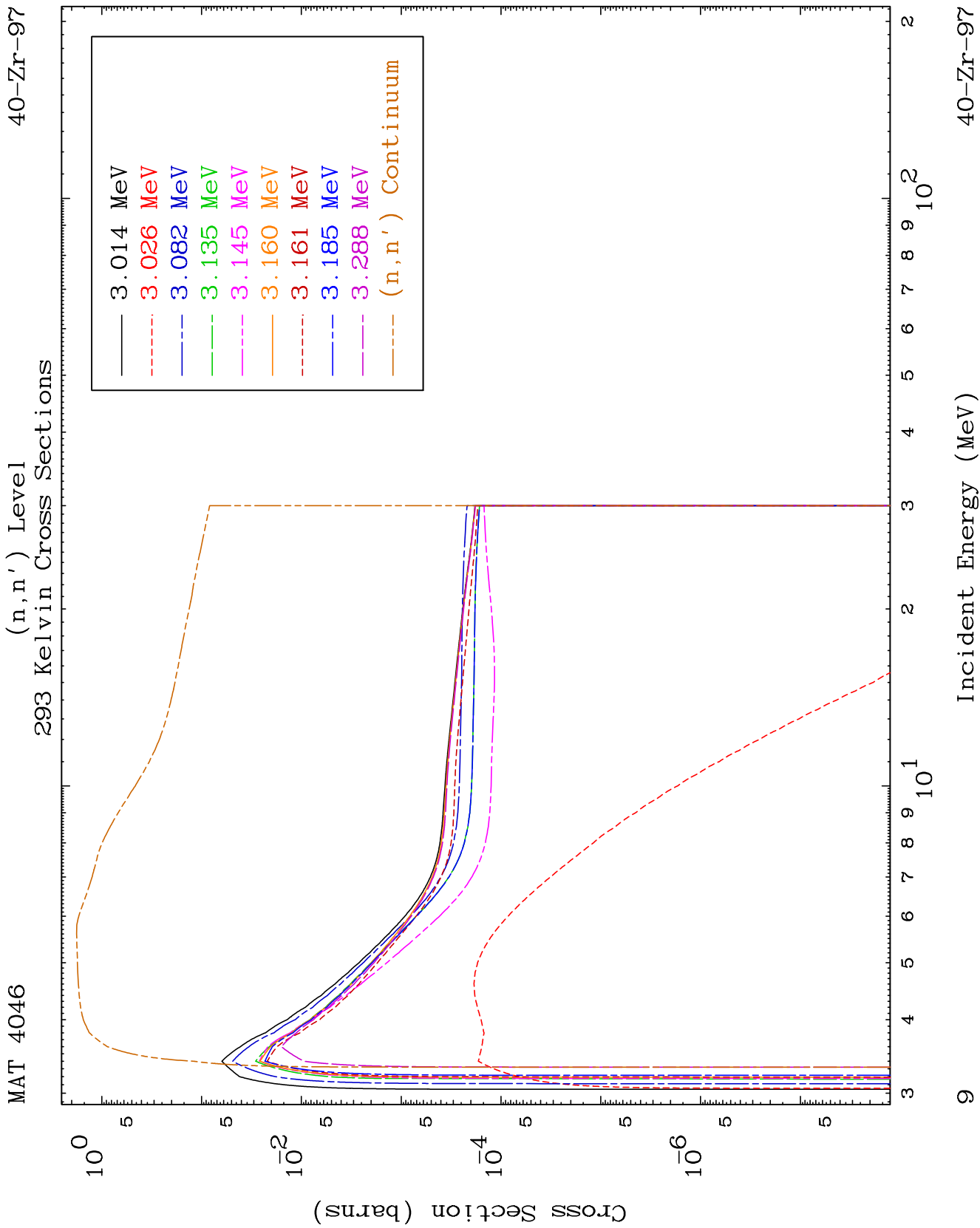
40-Zr-97



8

Incident Energy (MeV)

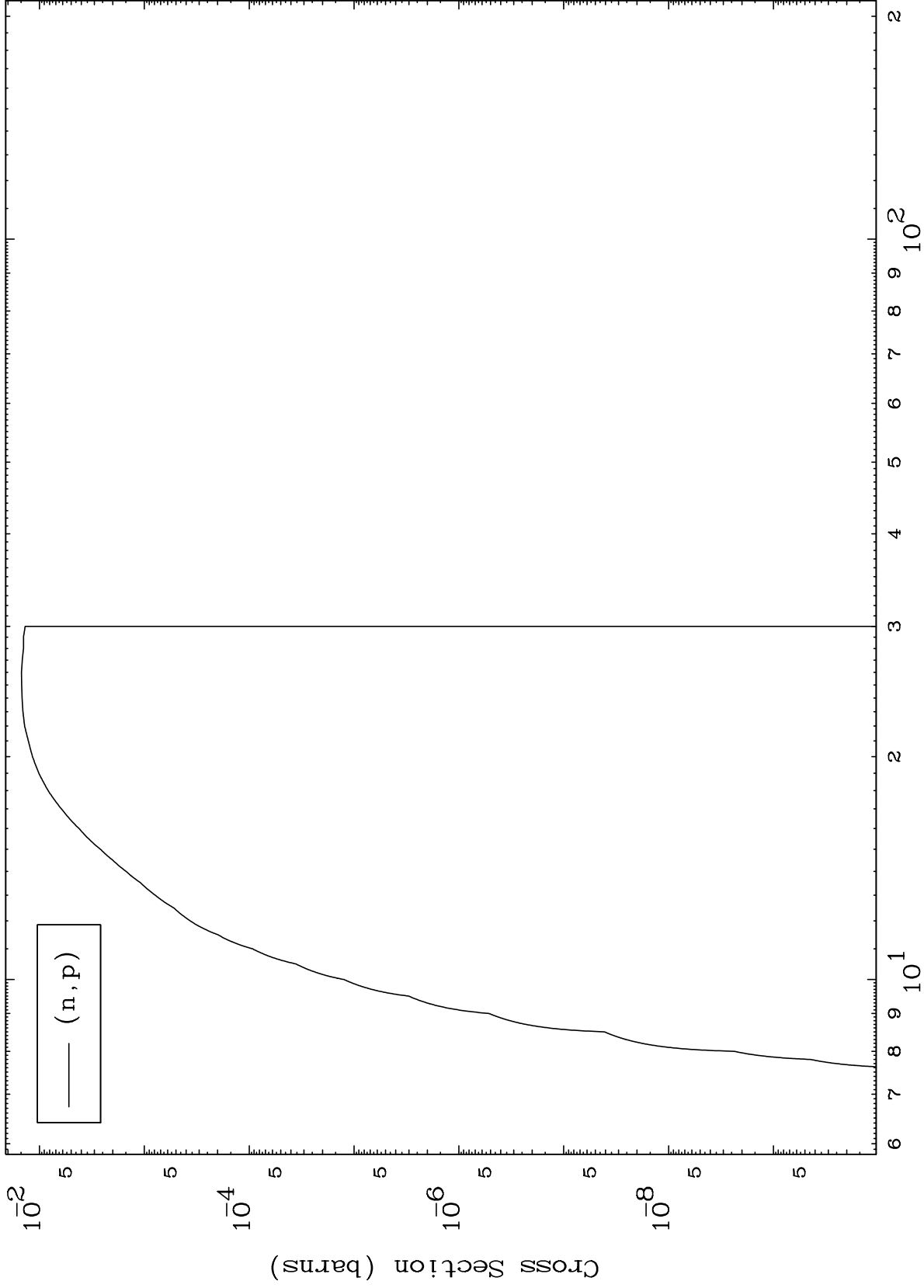
40-Zr-97



MAT 4046

(n,p) Levels  
293 Kelvin Cross Sections

40-Zr-97



10

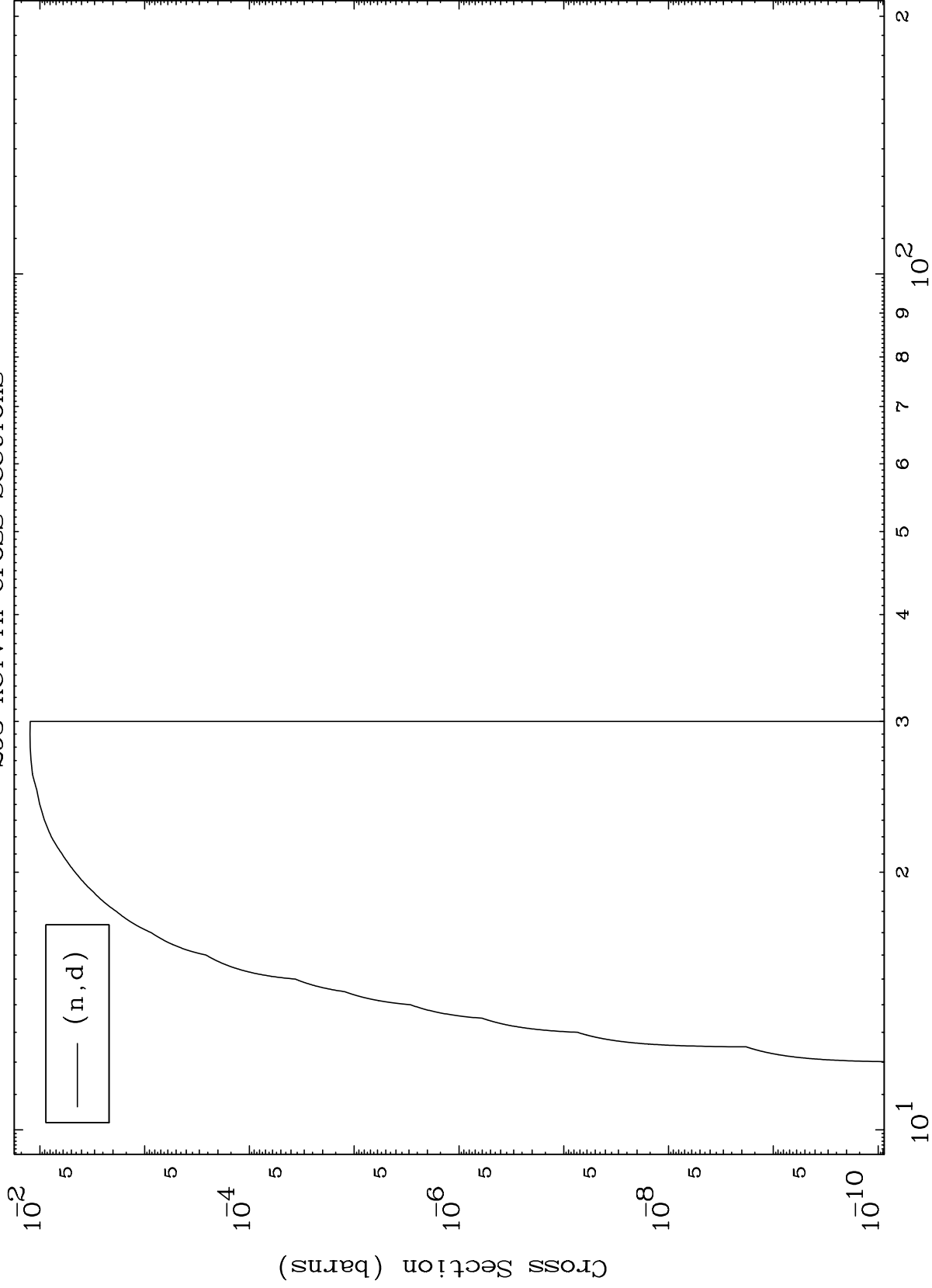
Incident Energy (MeV)

40-Zr-97

MAT 4046

(n,d) Levels  
293 Kelvin Cross Sections

40-Zr-97



11

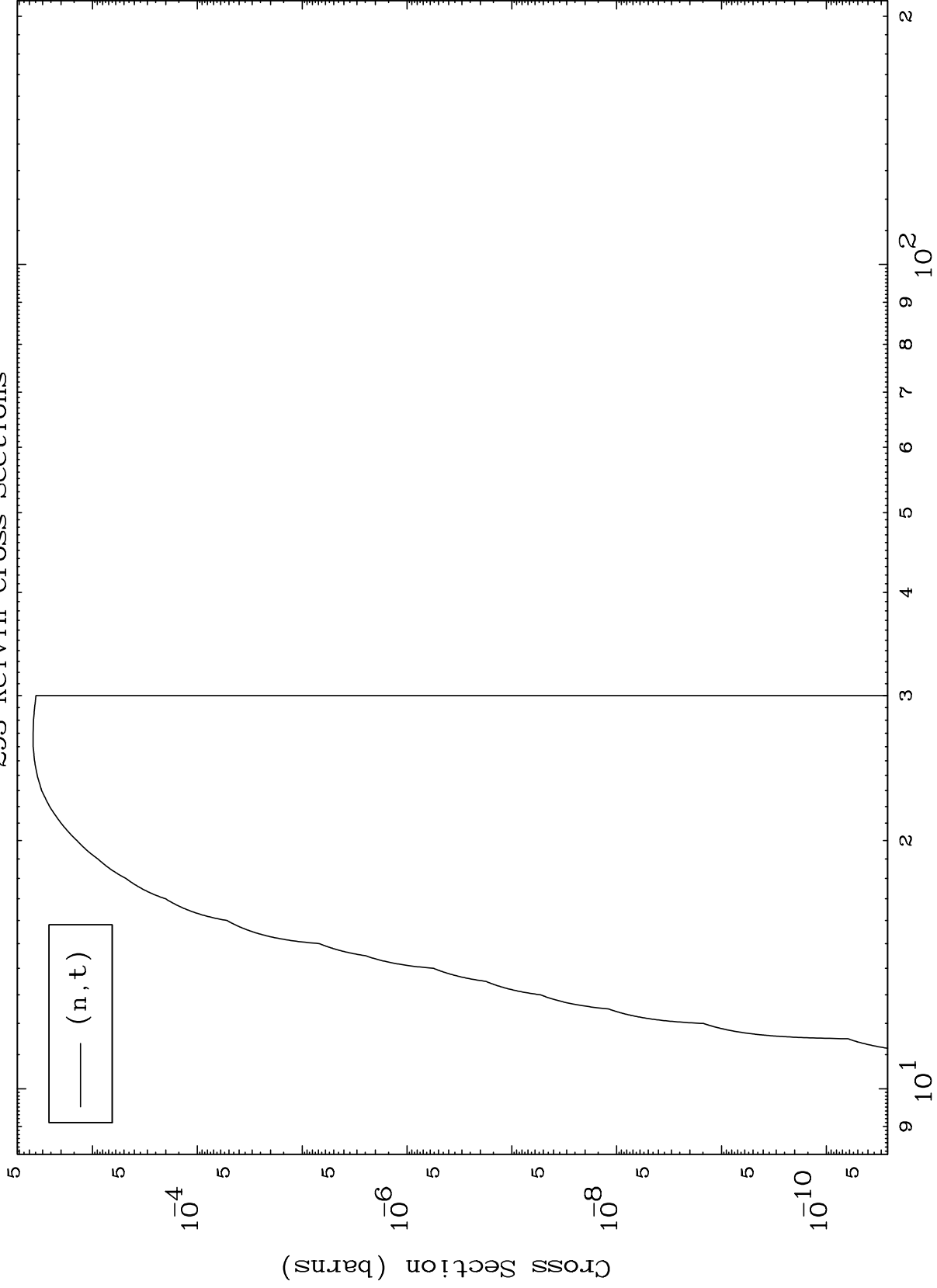
Incident Energy (MeV)

40-Zr-97

MAT 4046

(n,t) Levels  
293 Kelvin Cross Sections

40-Zr-97



12

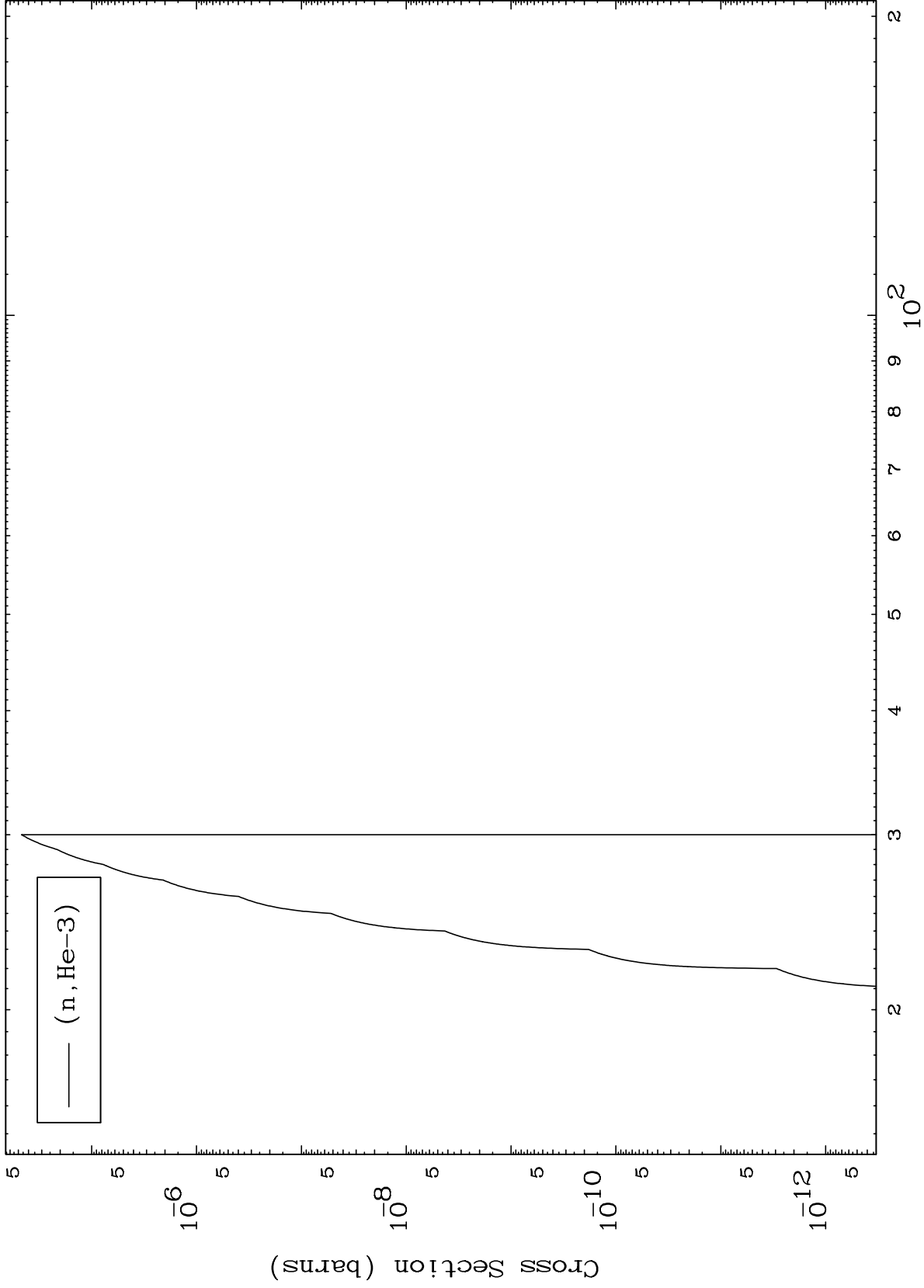
Incident Energy (MeV)

40-Zr-97

MAT 4046

(n,He3) Levels  
293 Kelvin Cross Sections

40-Zr-97



13

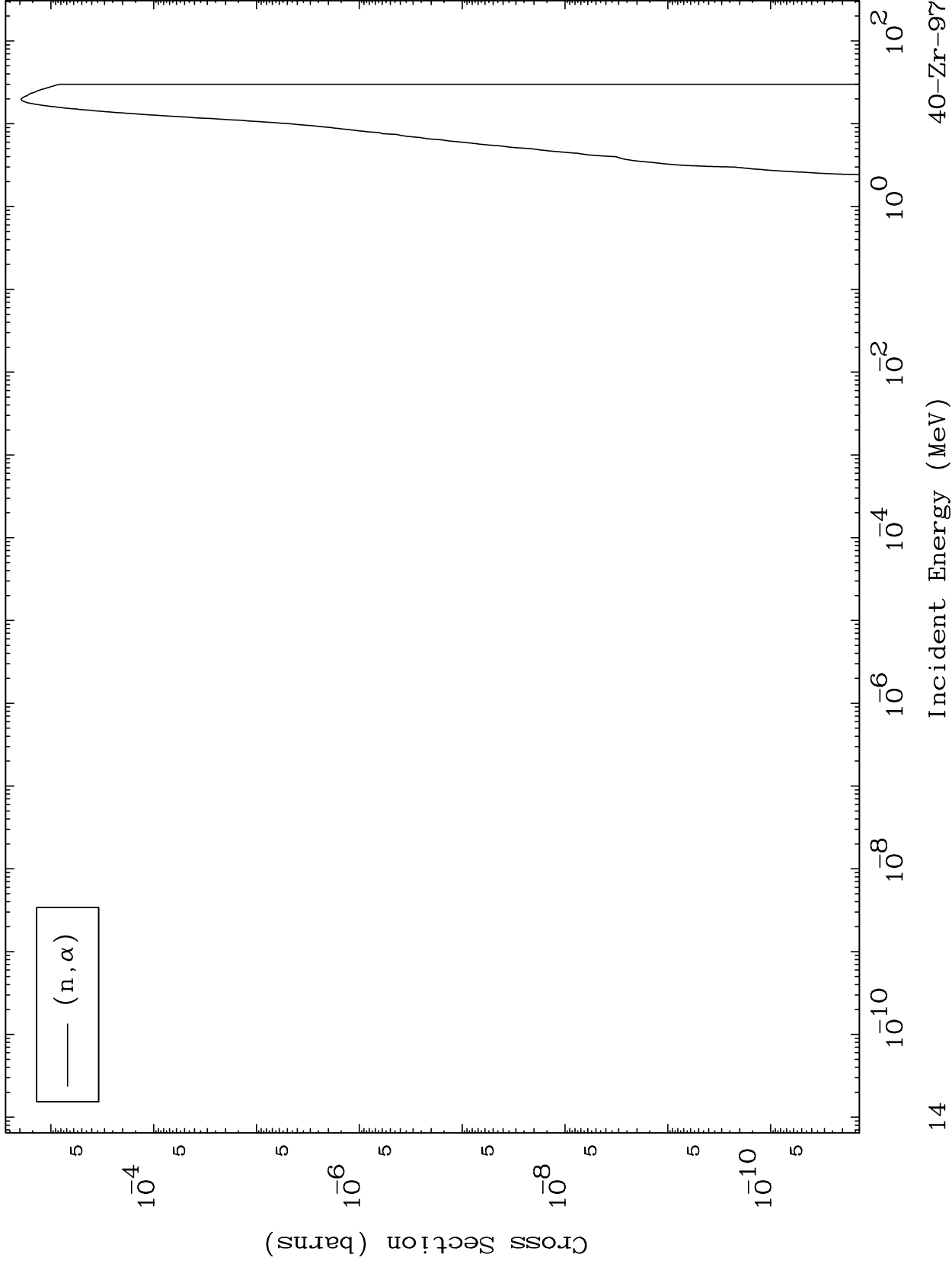
Incident Energy (MeV)

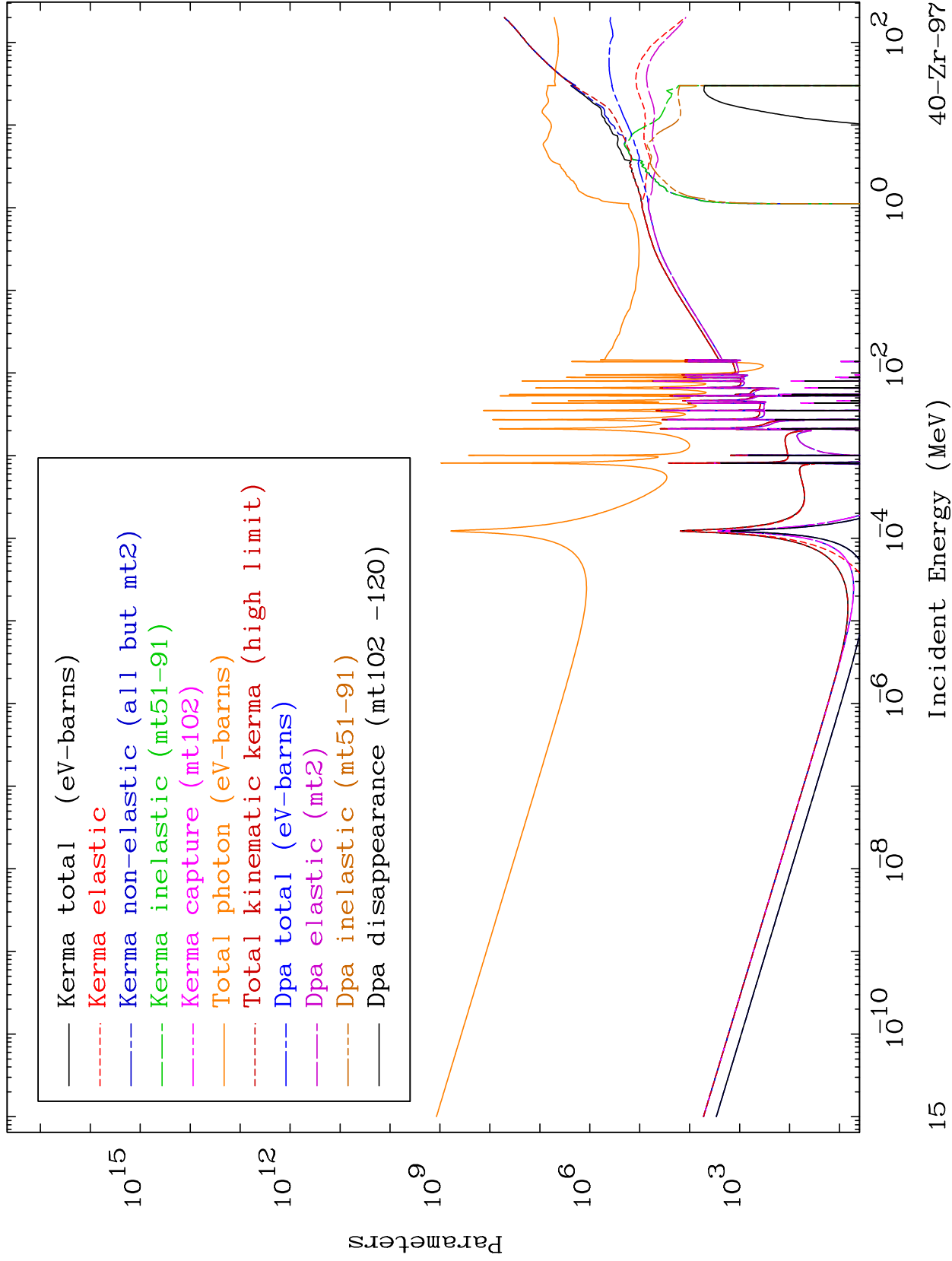
40-Zr-97

MAT 4046

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

40-Zr-97



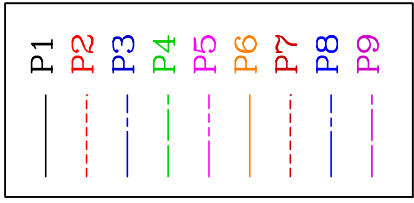
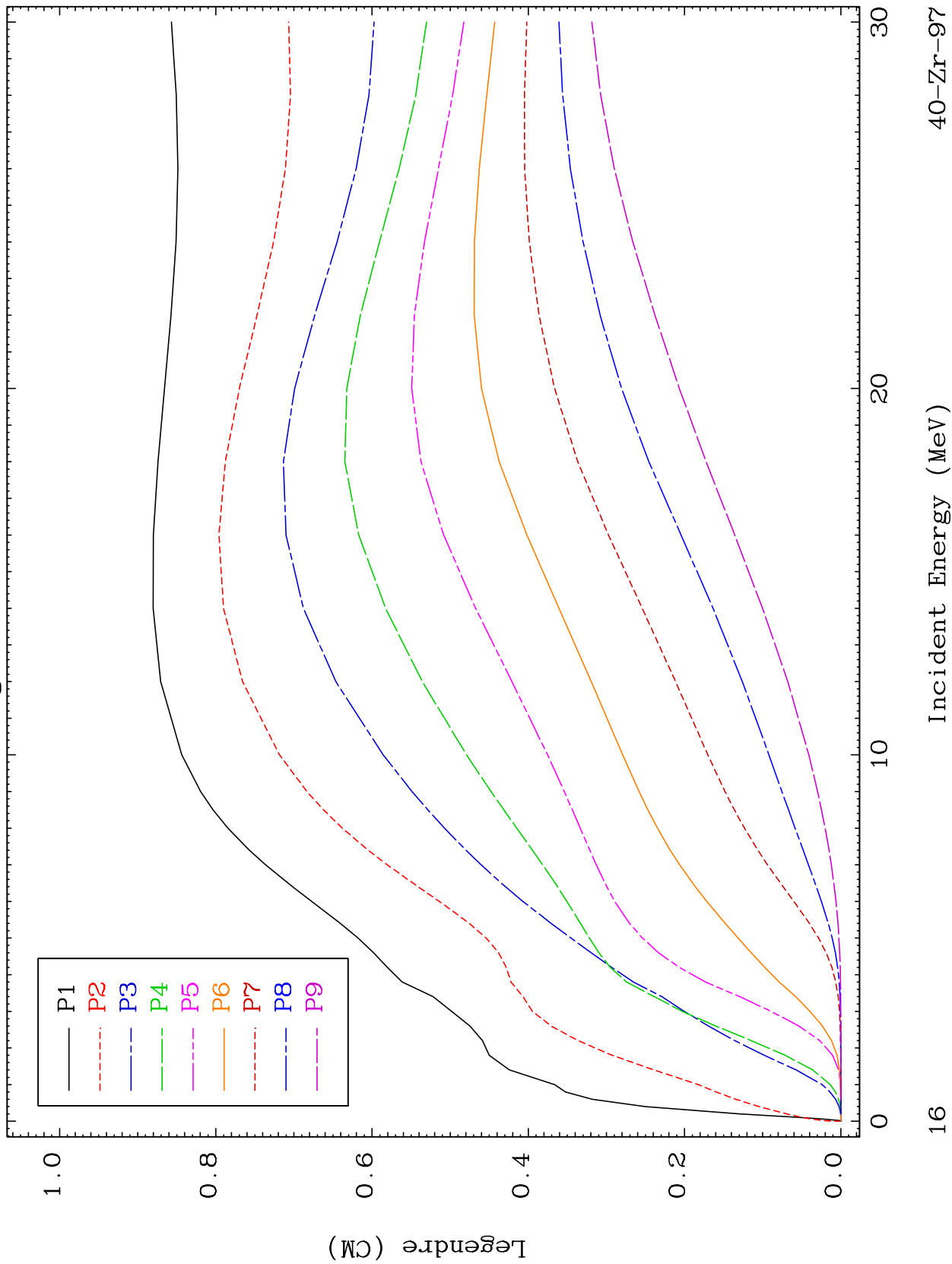


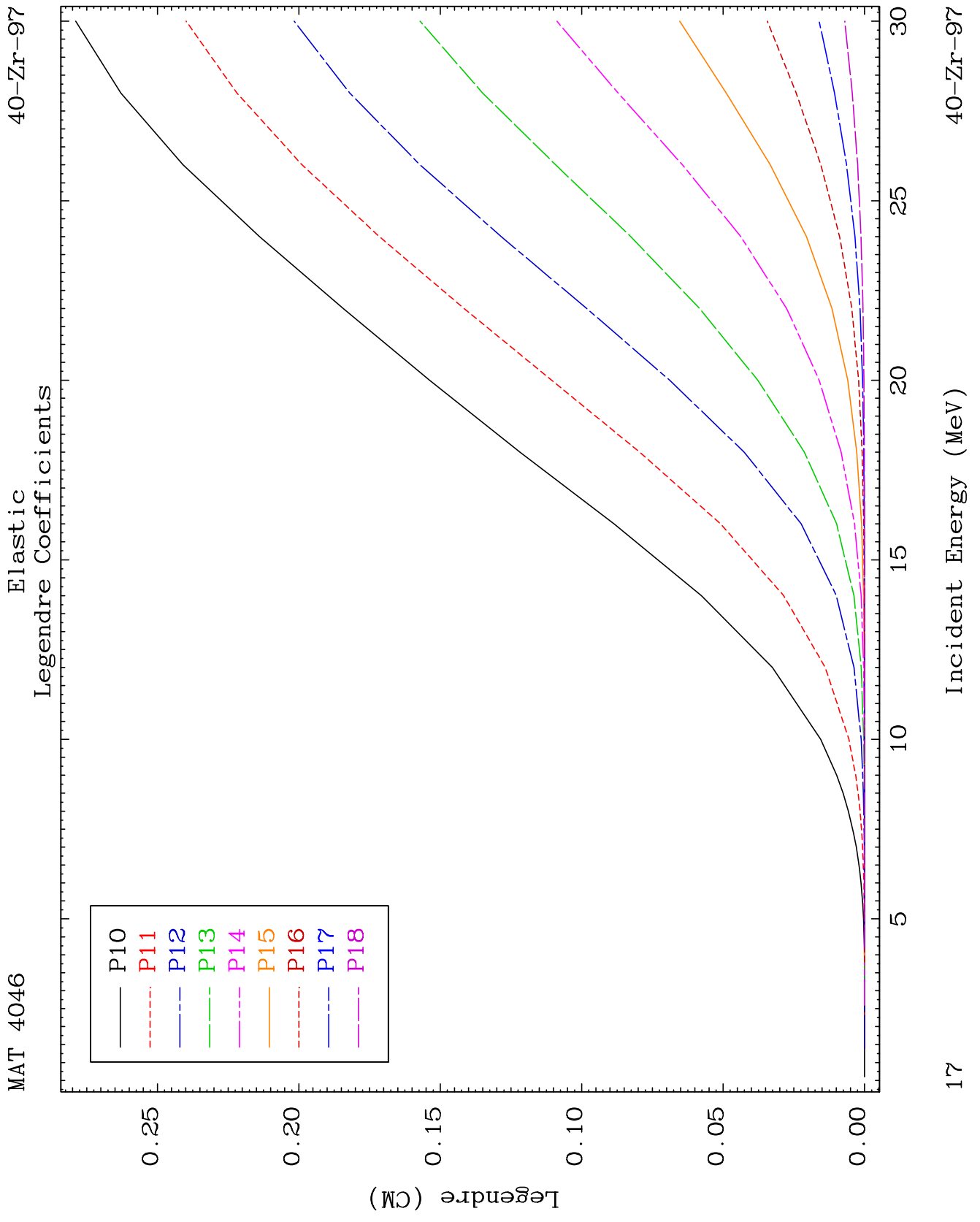


MAT 4046

Elastic Legendre Coefficients

40-Zr-97

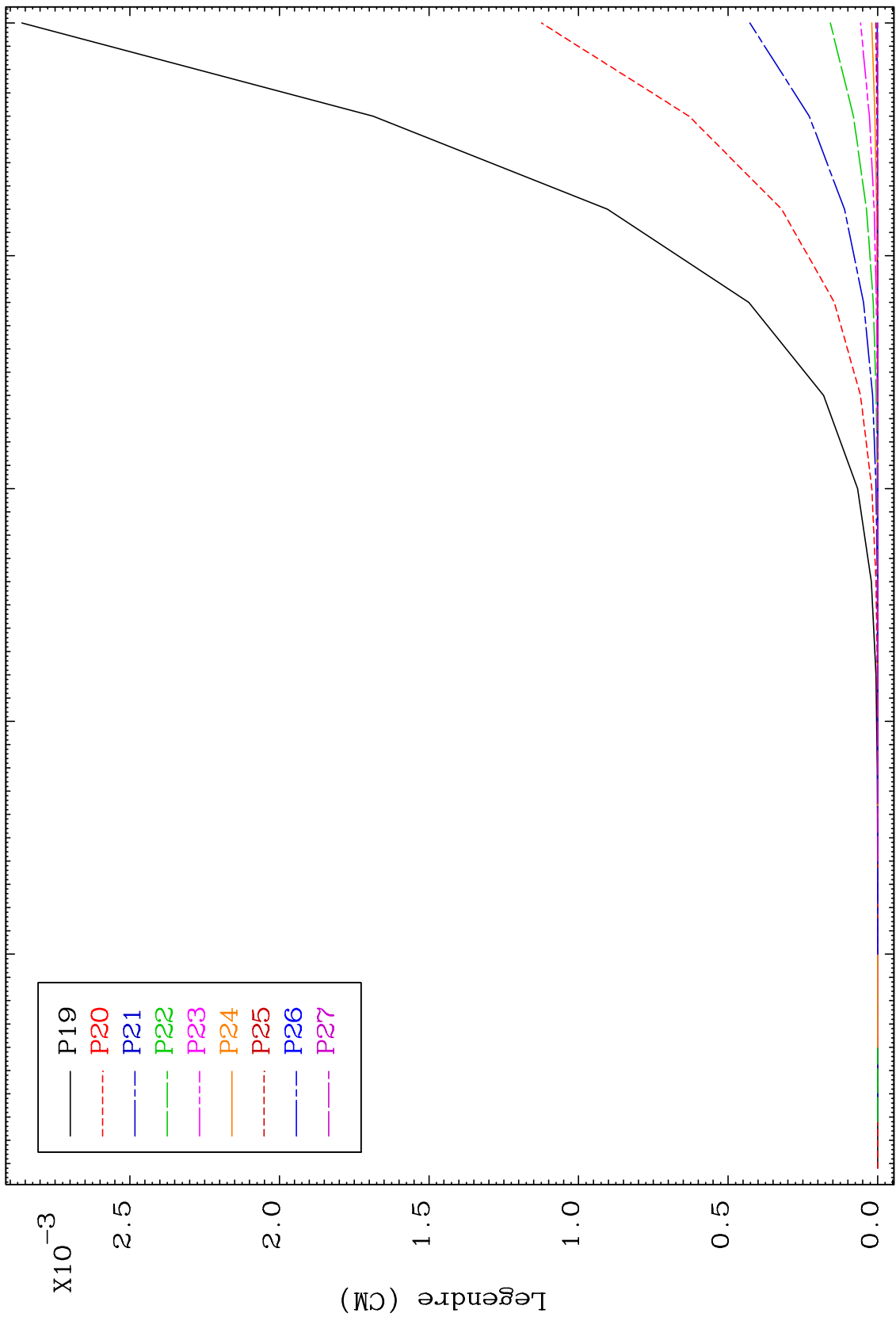




MAT 4046

Elastic  
Legendre Coefficients

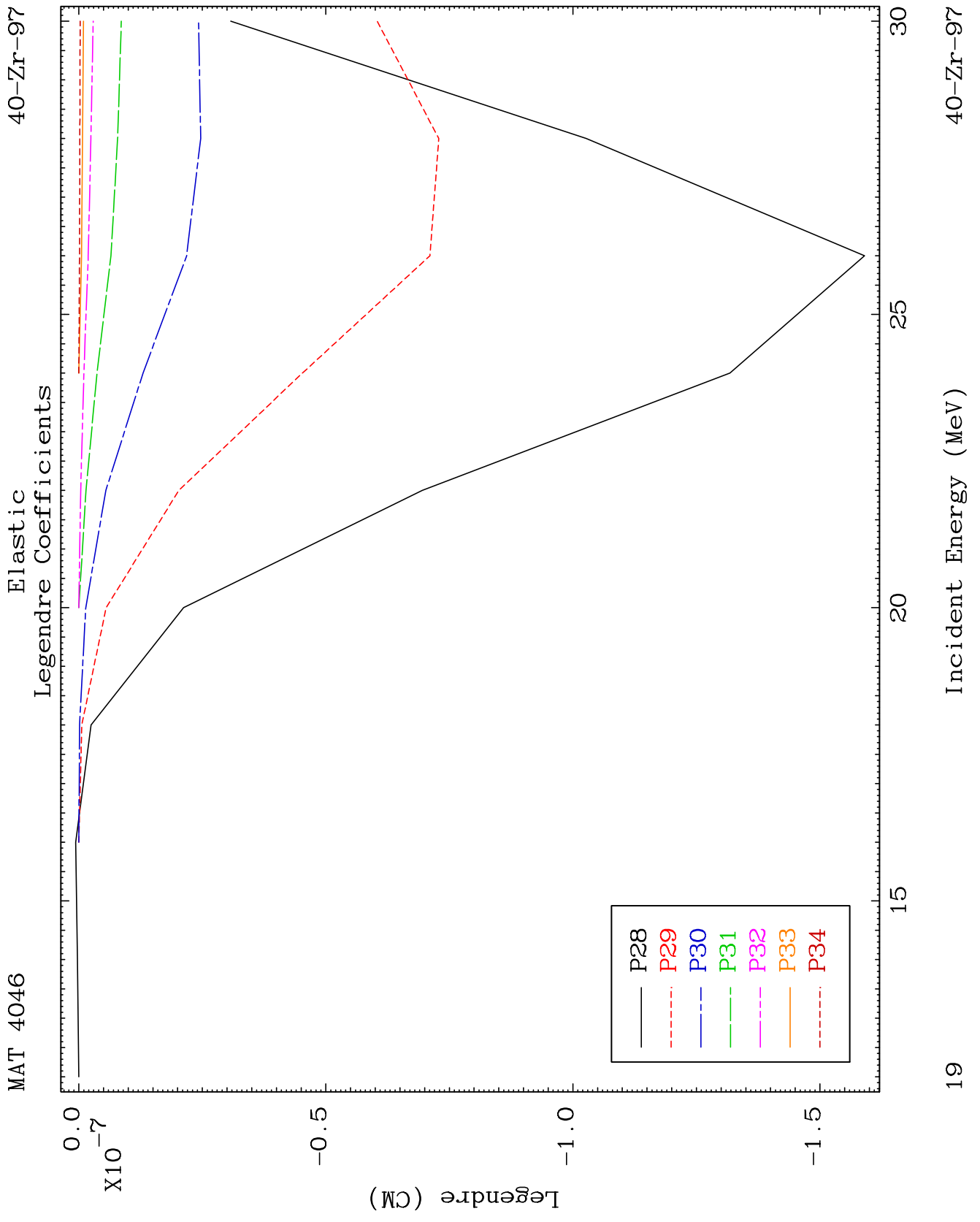
40-Zr-97



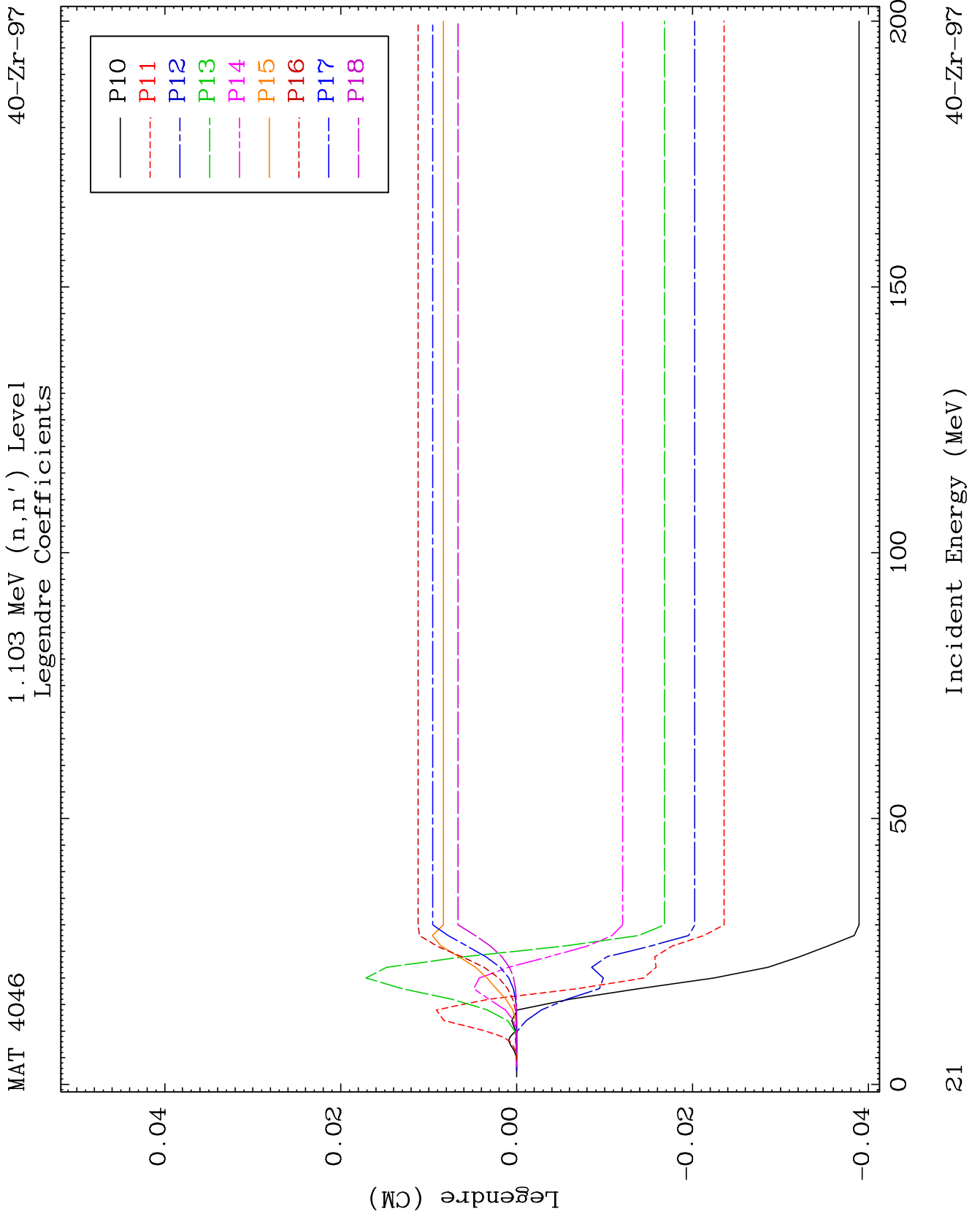
18

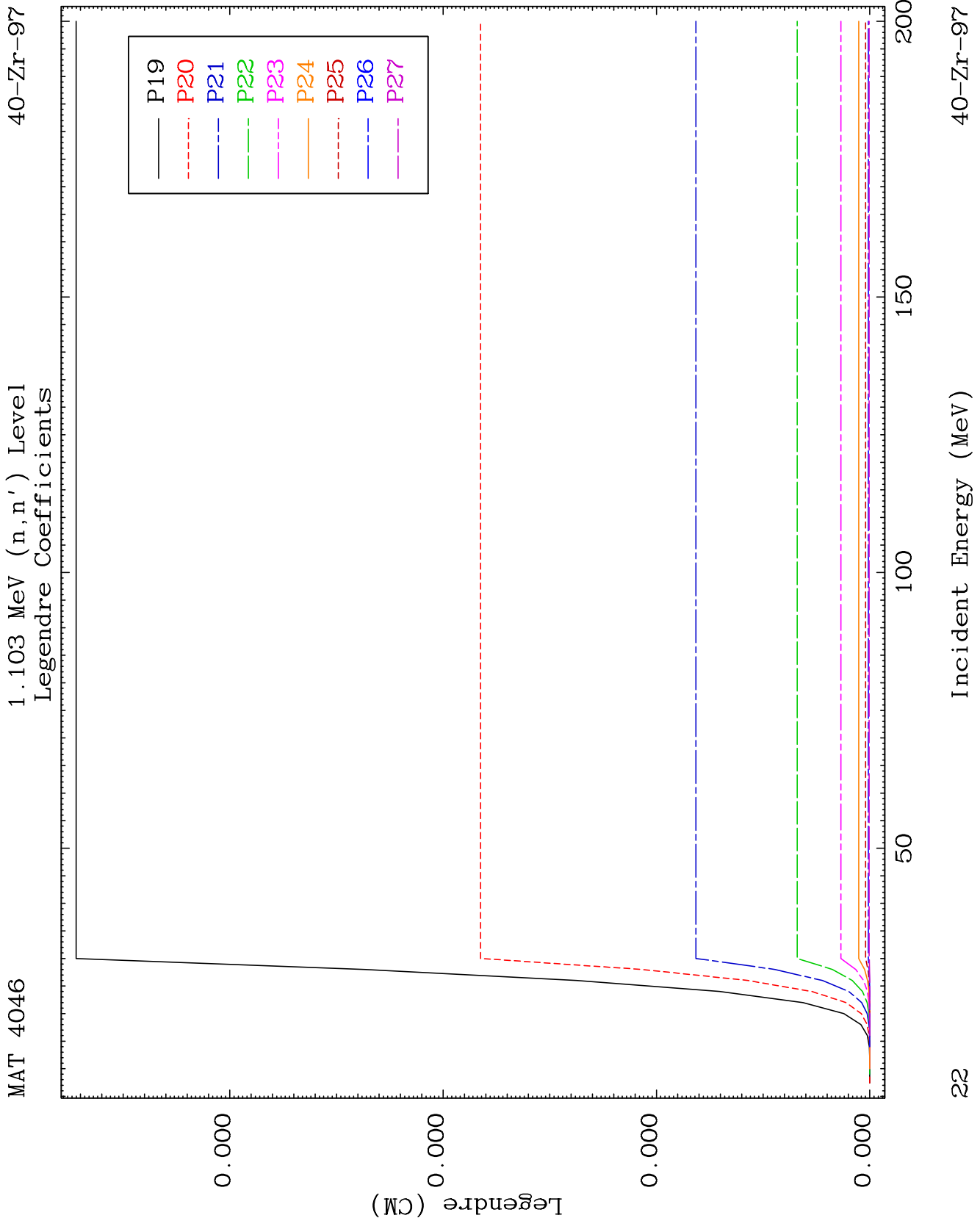
Incident Energy (MeV)

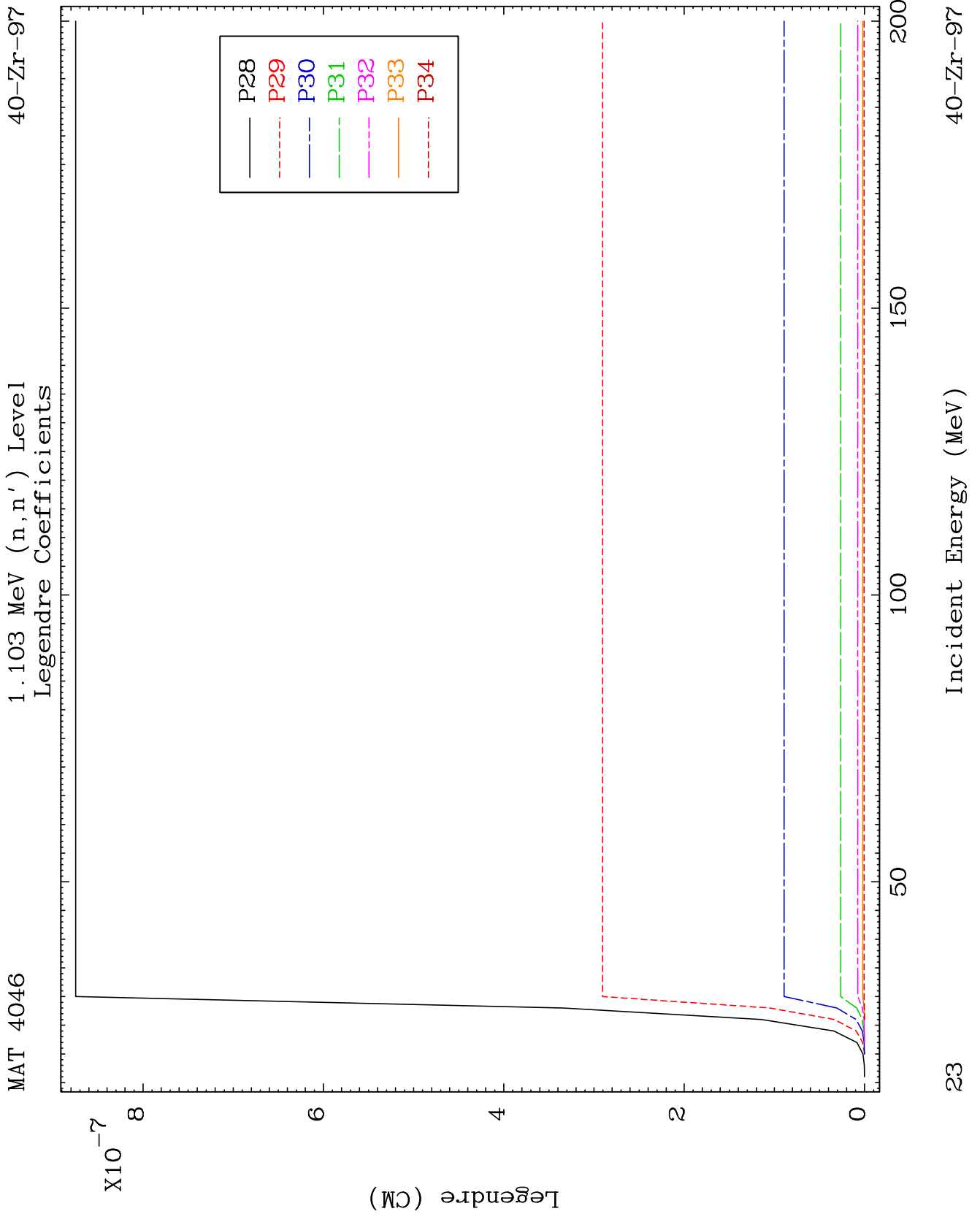
40-Zr-97





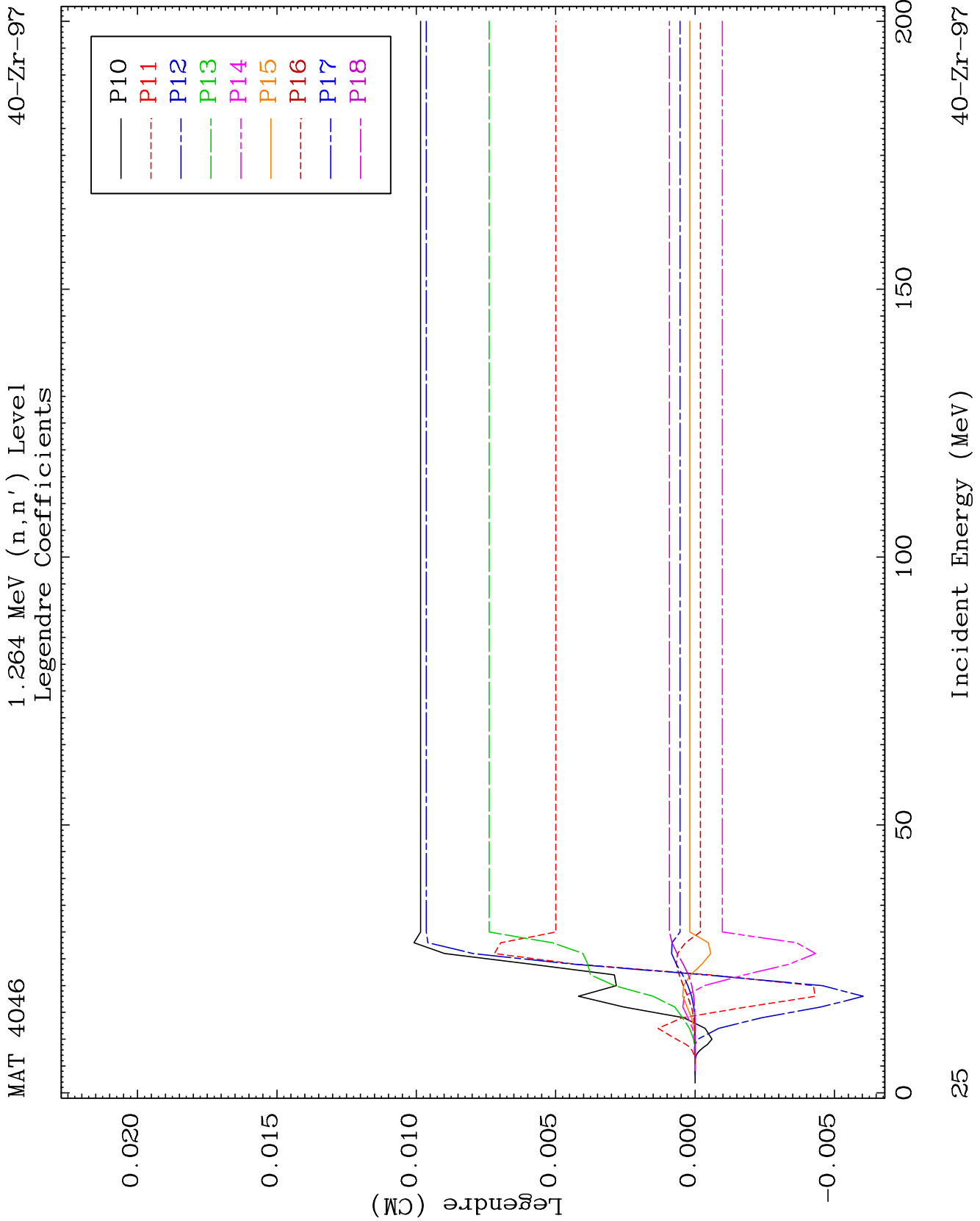


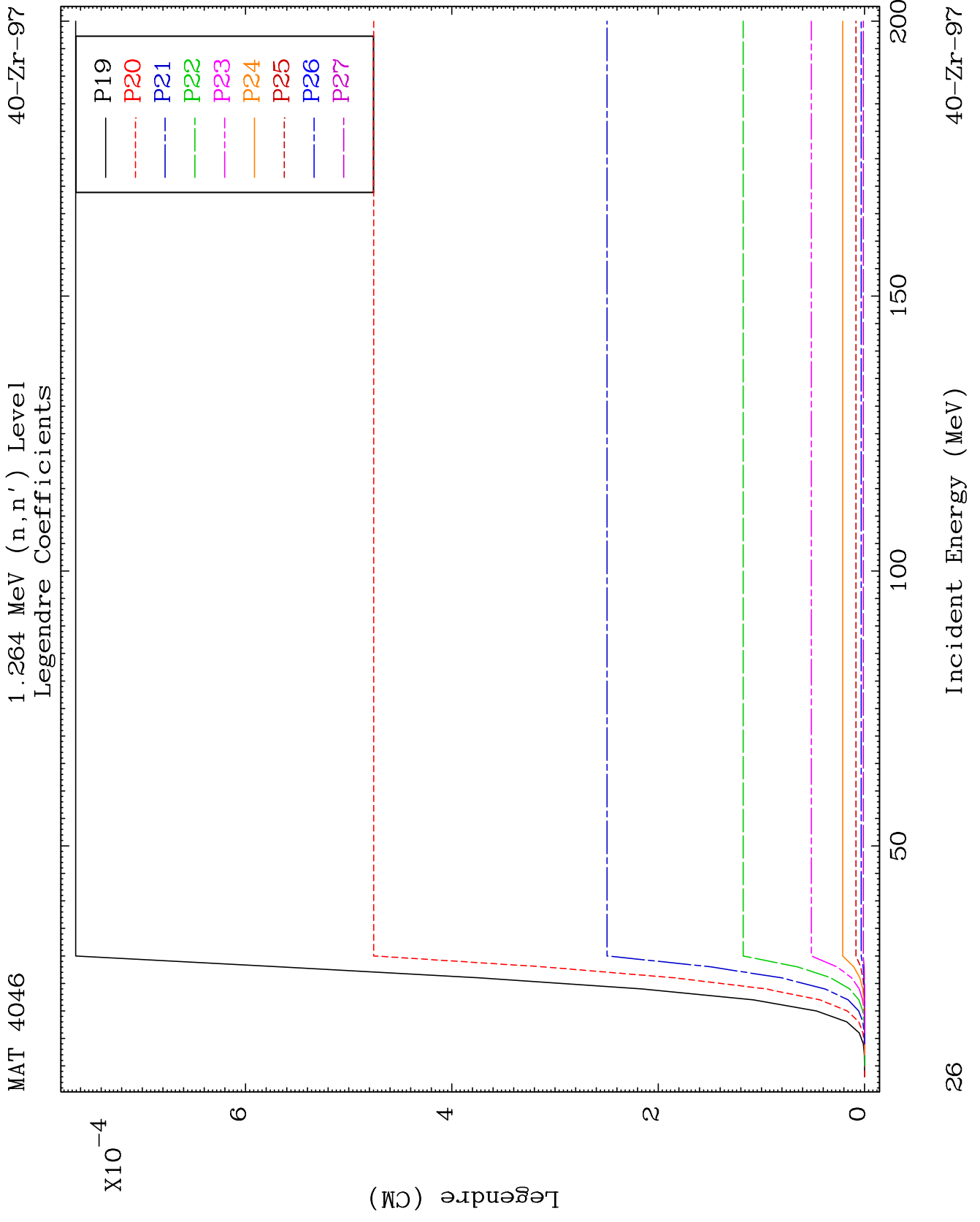


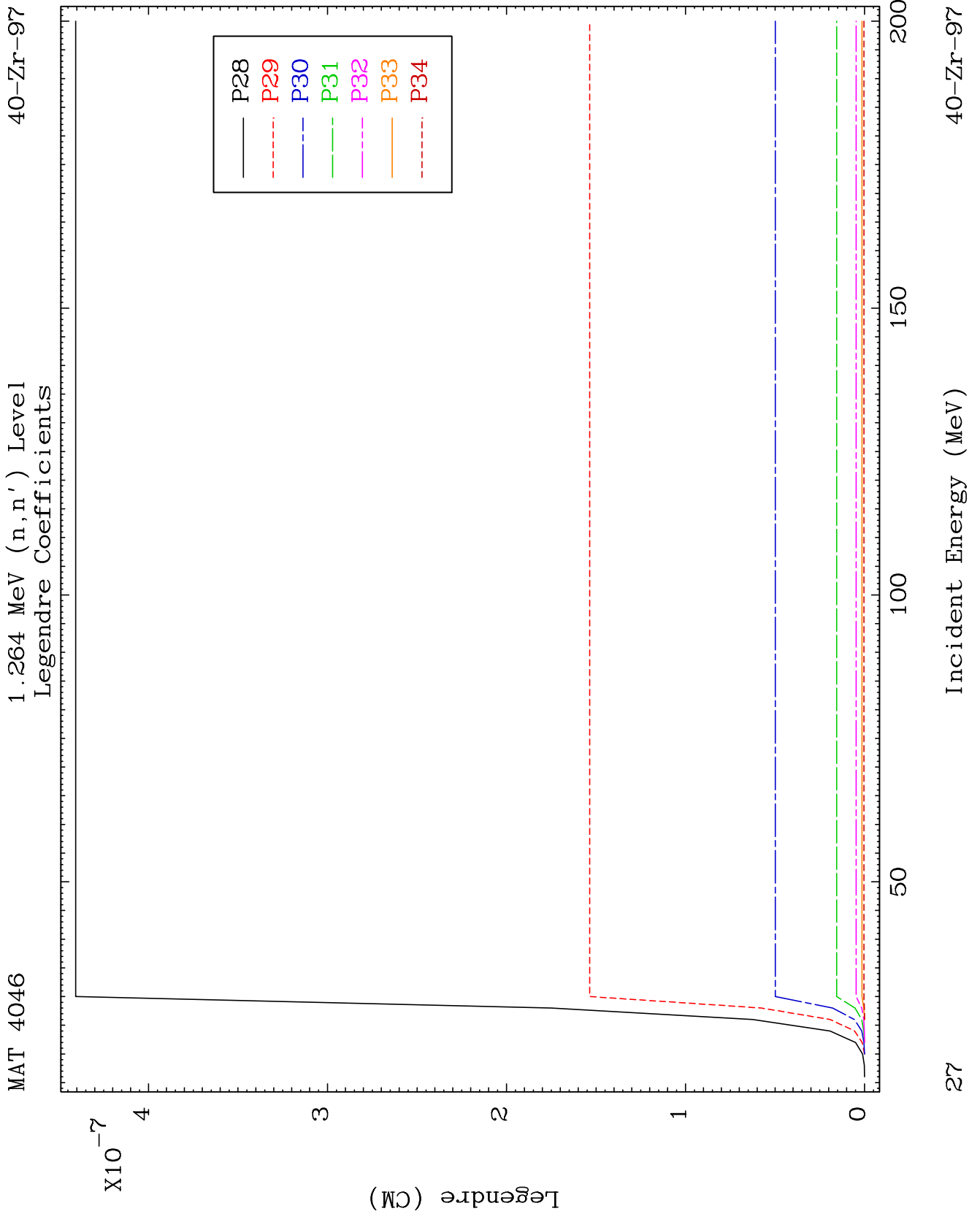




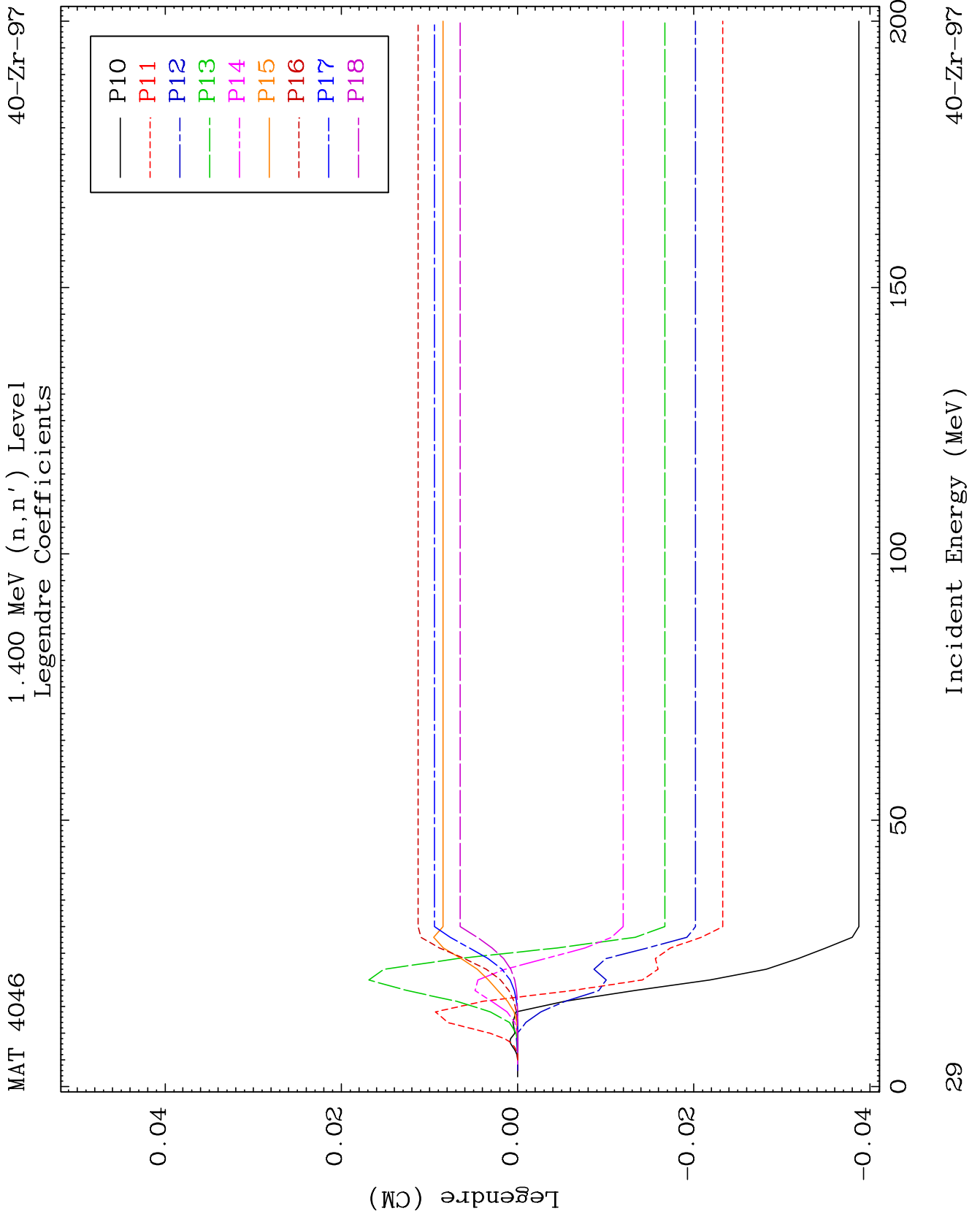


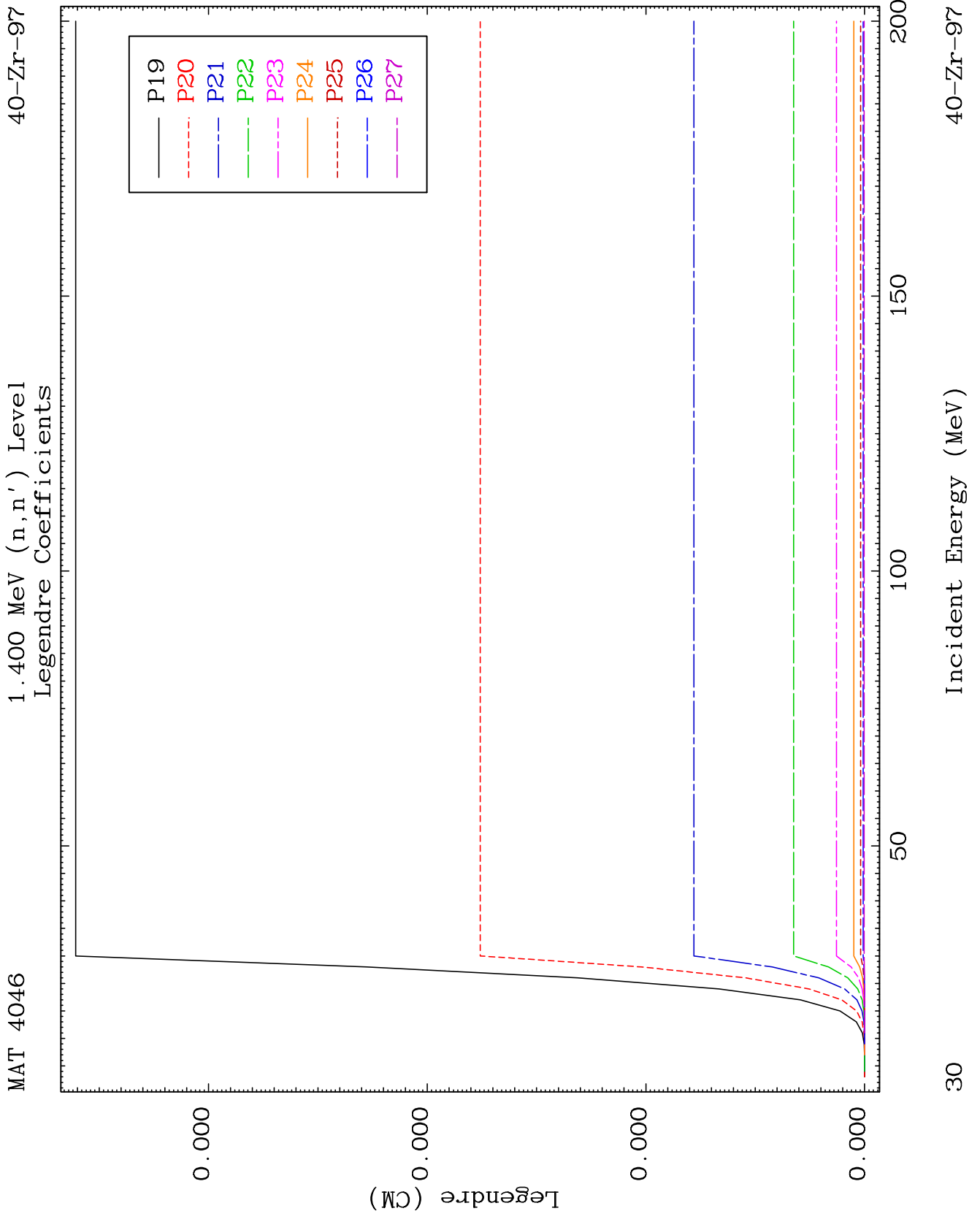


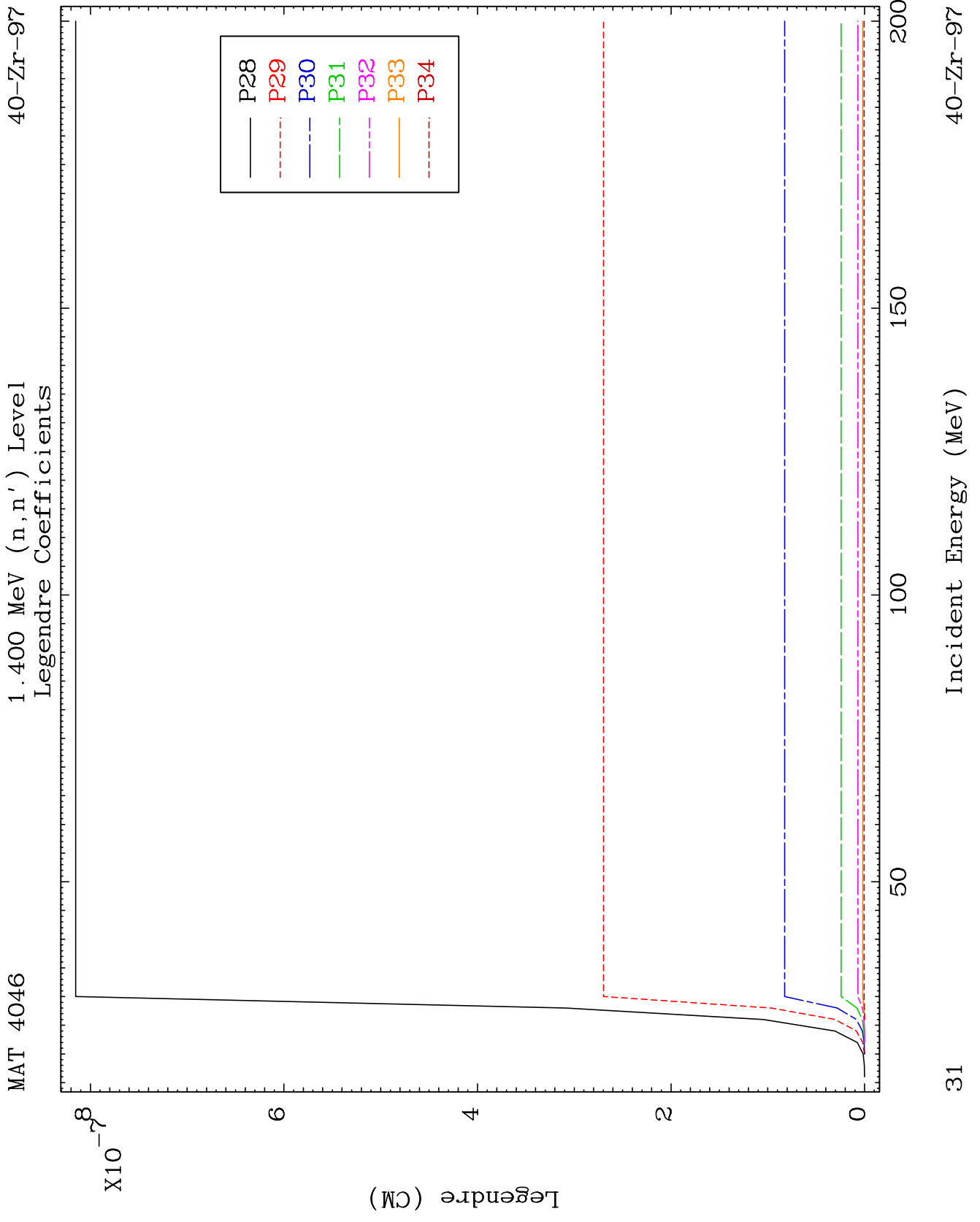






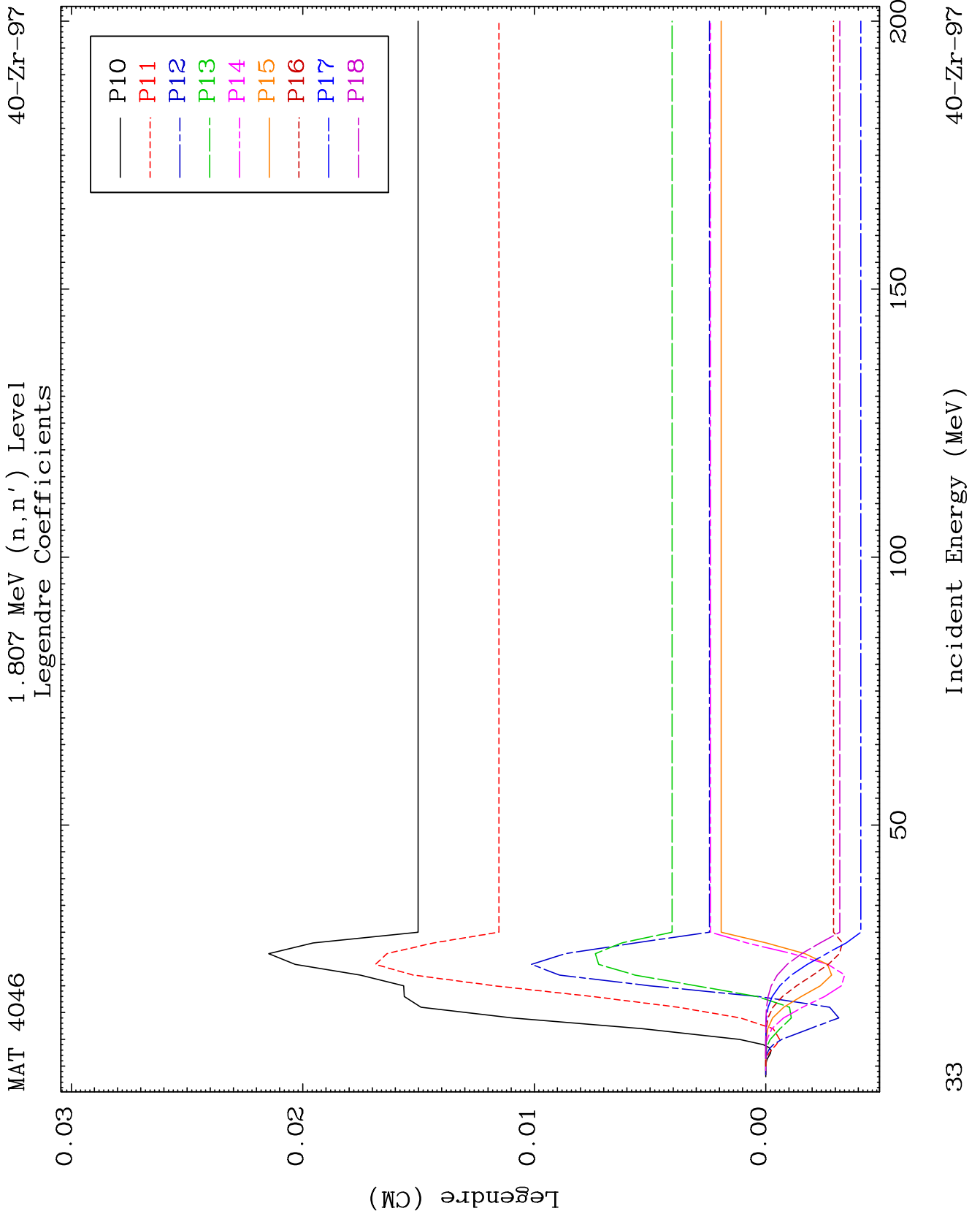


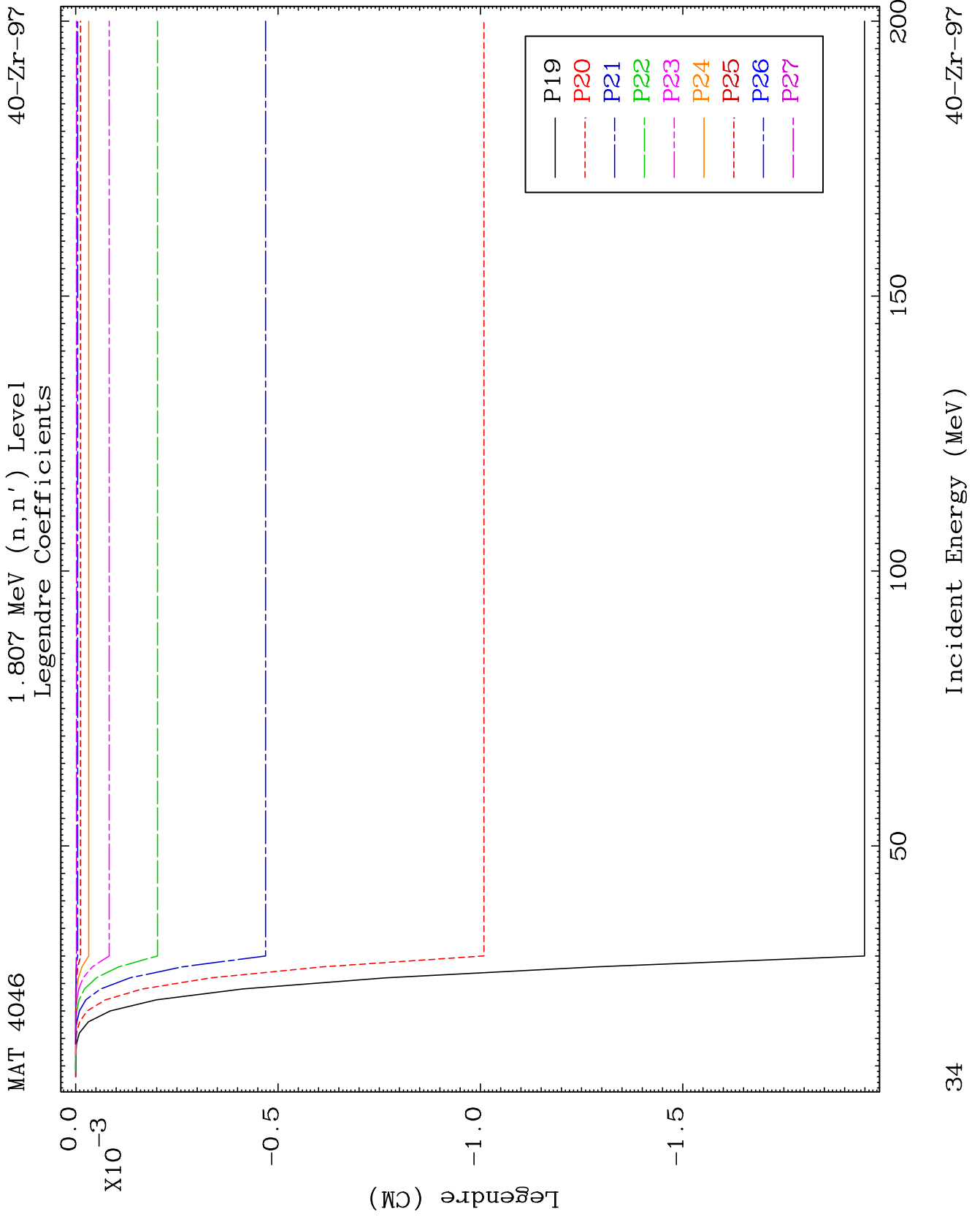


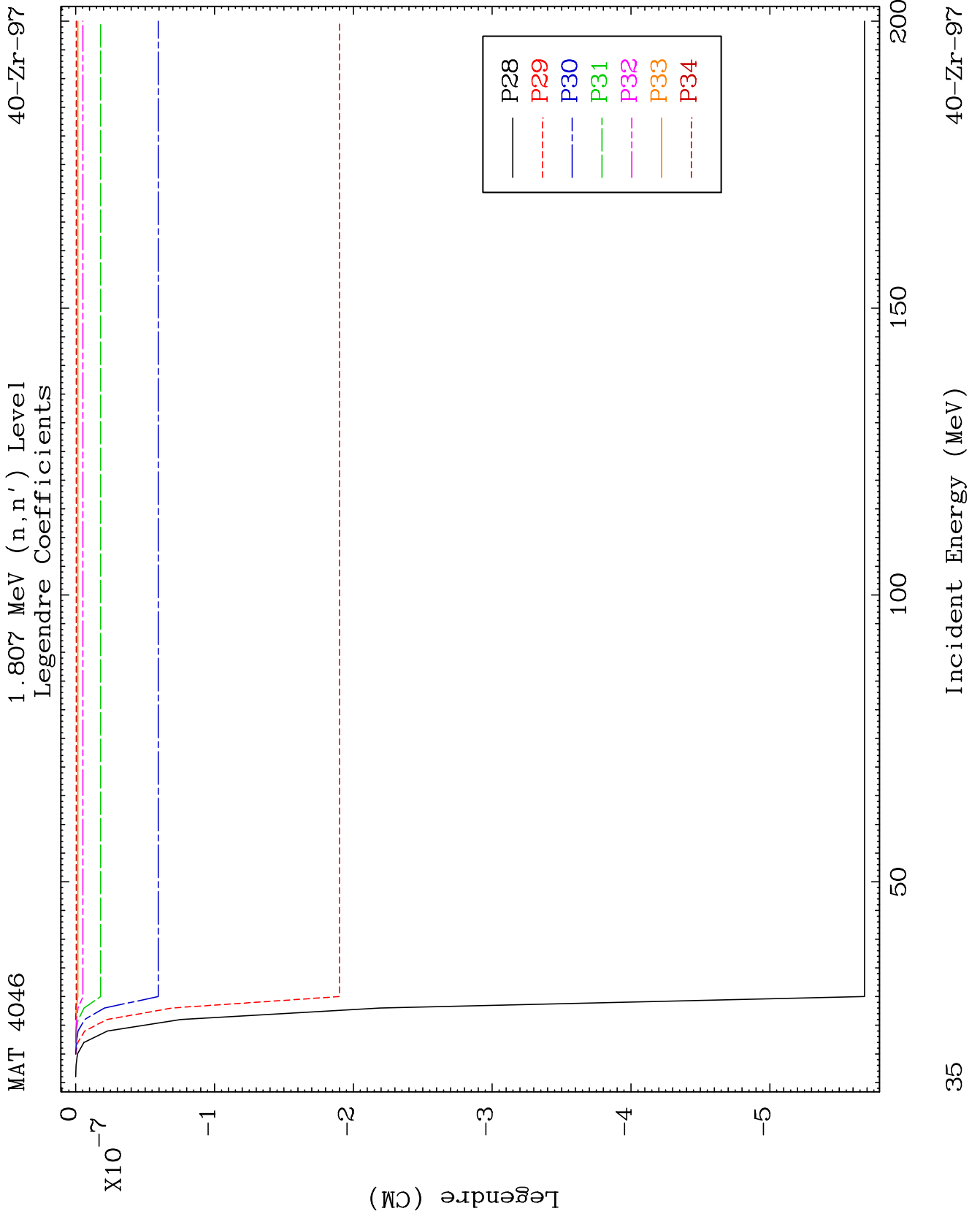


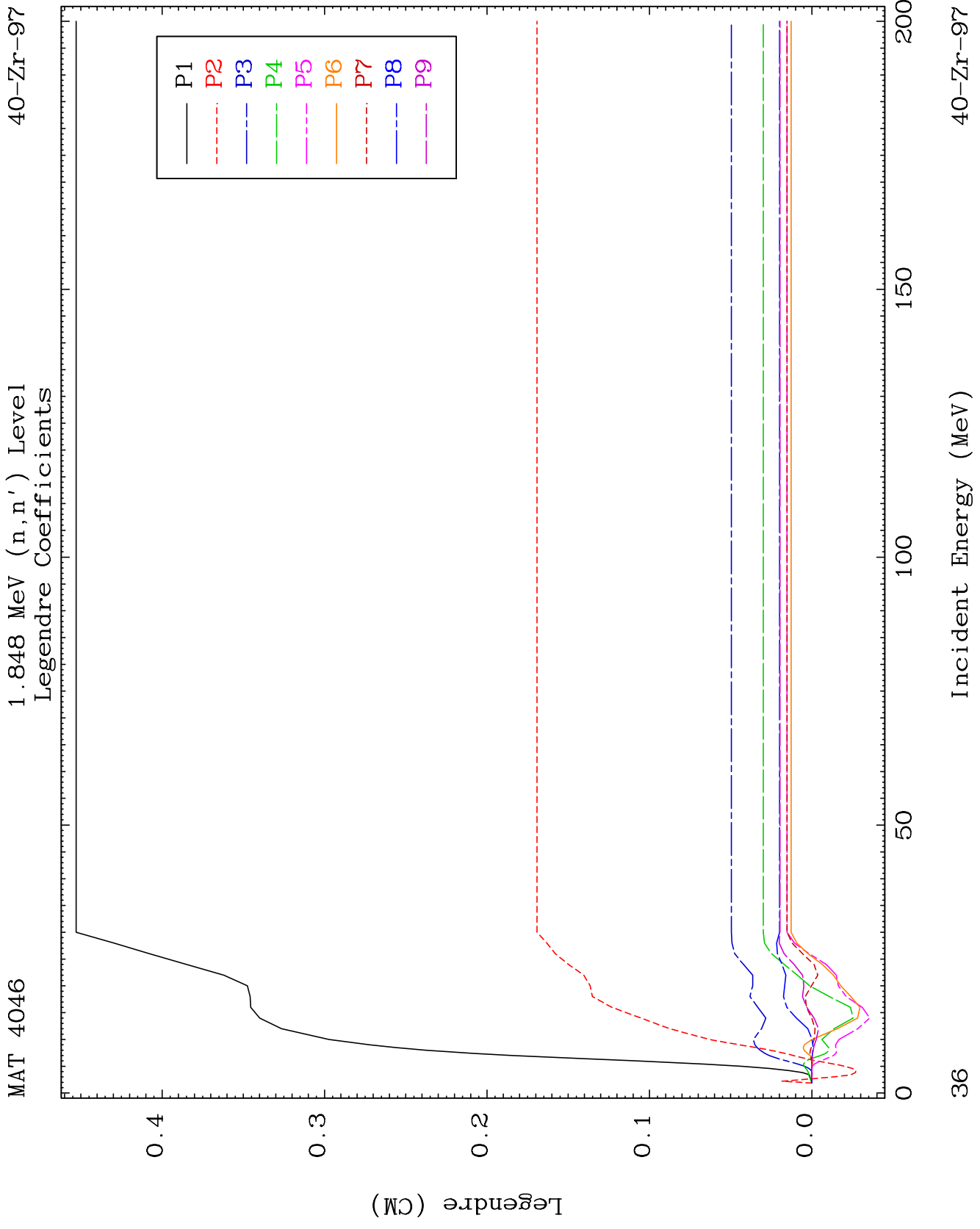




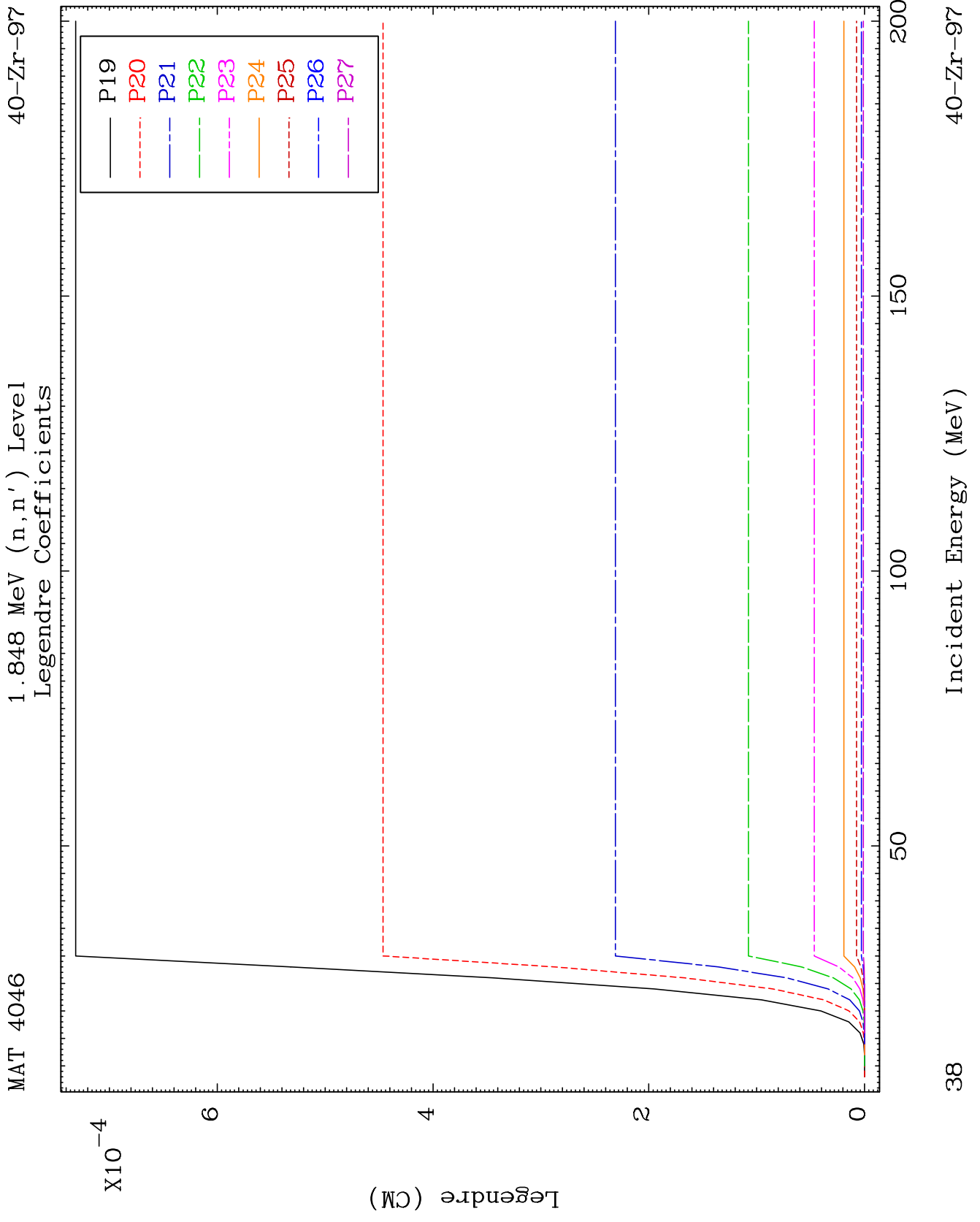


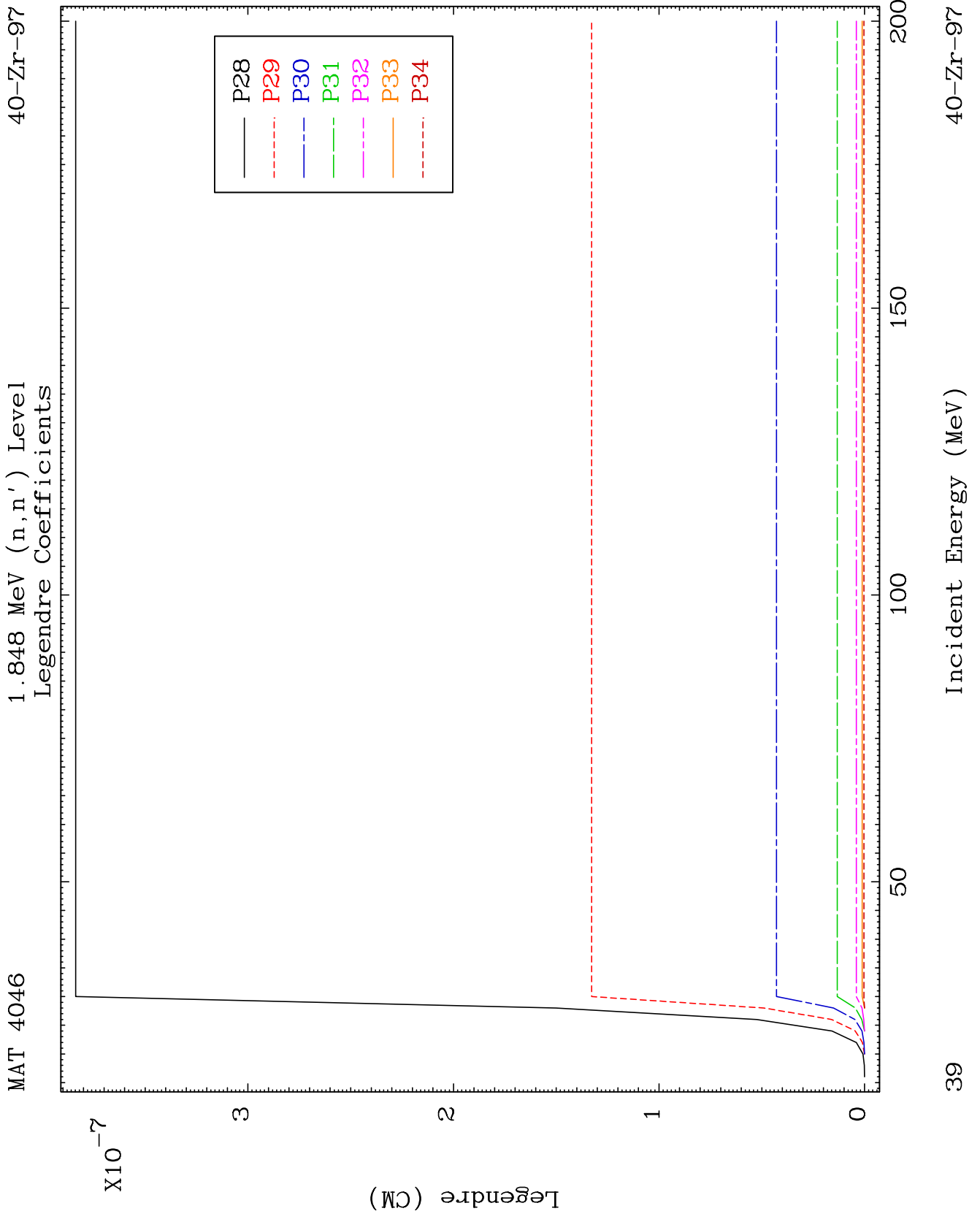








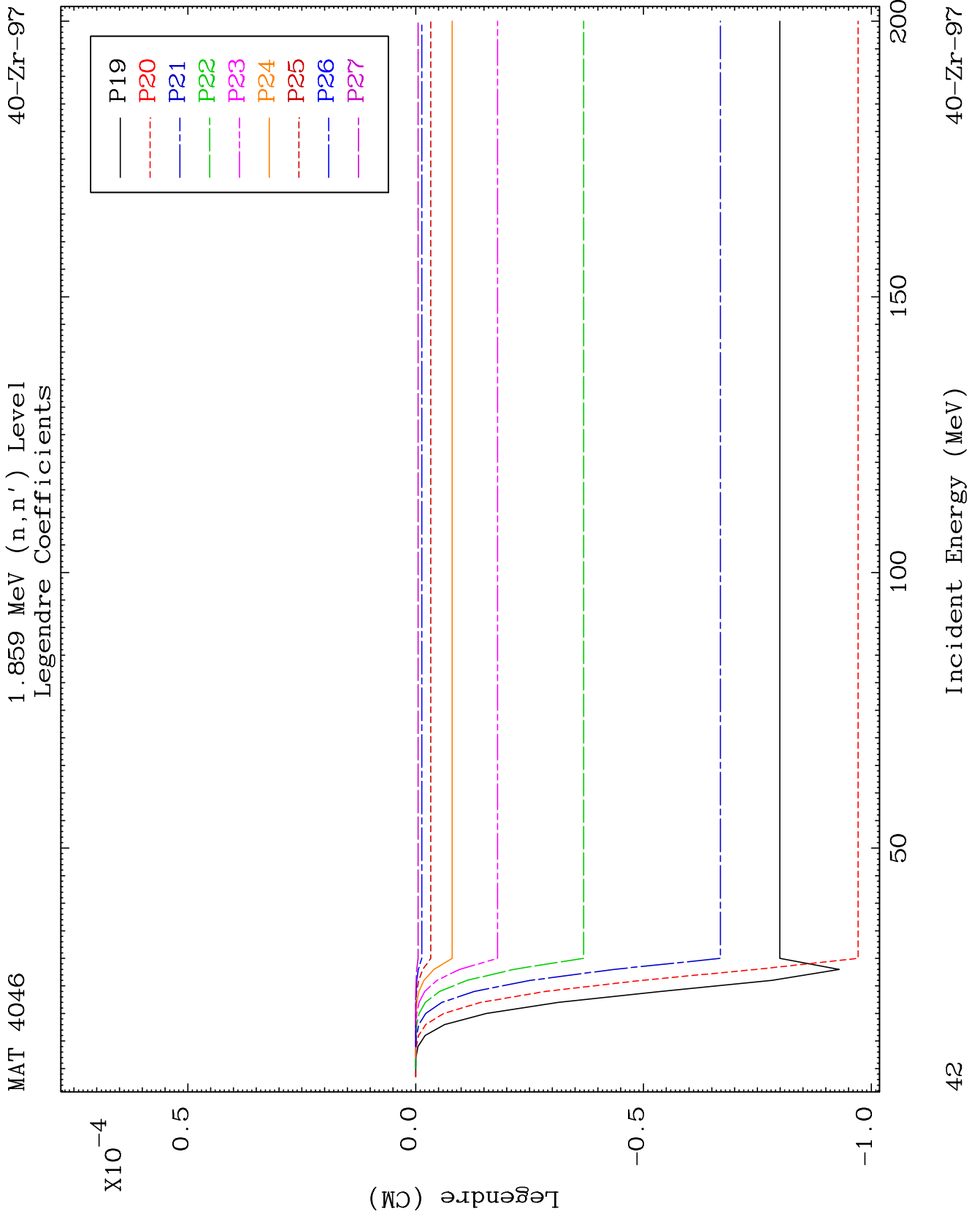


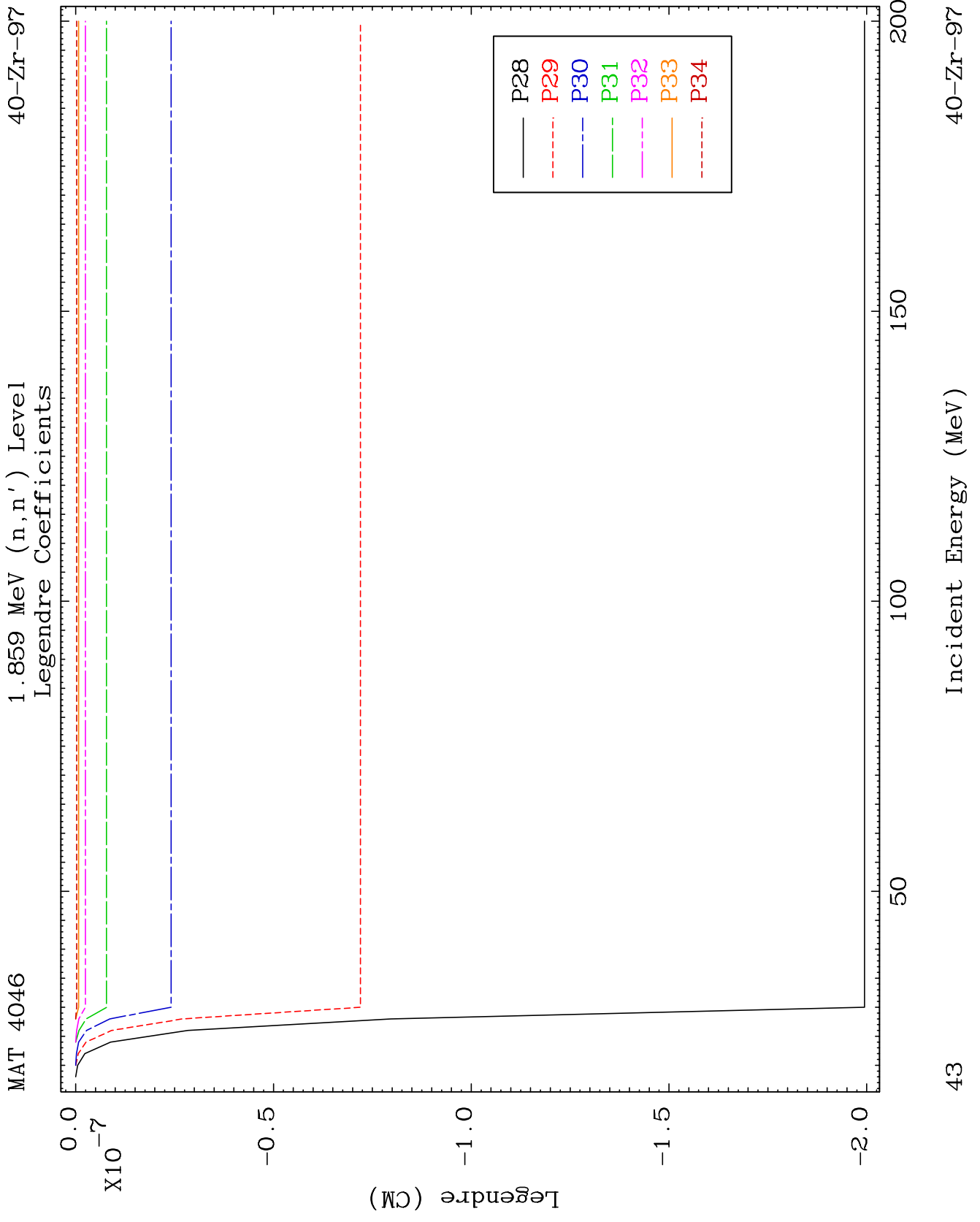


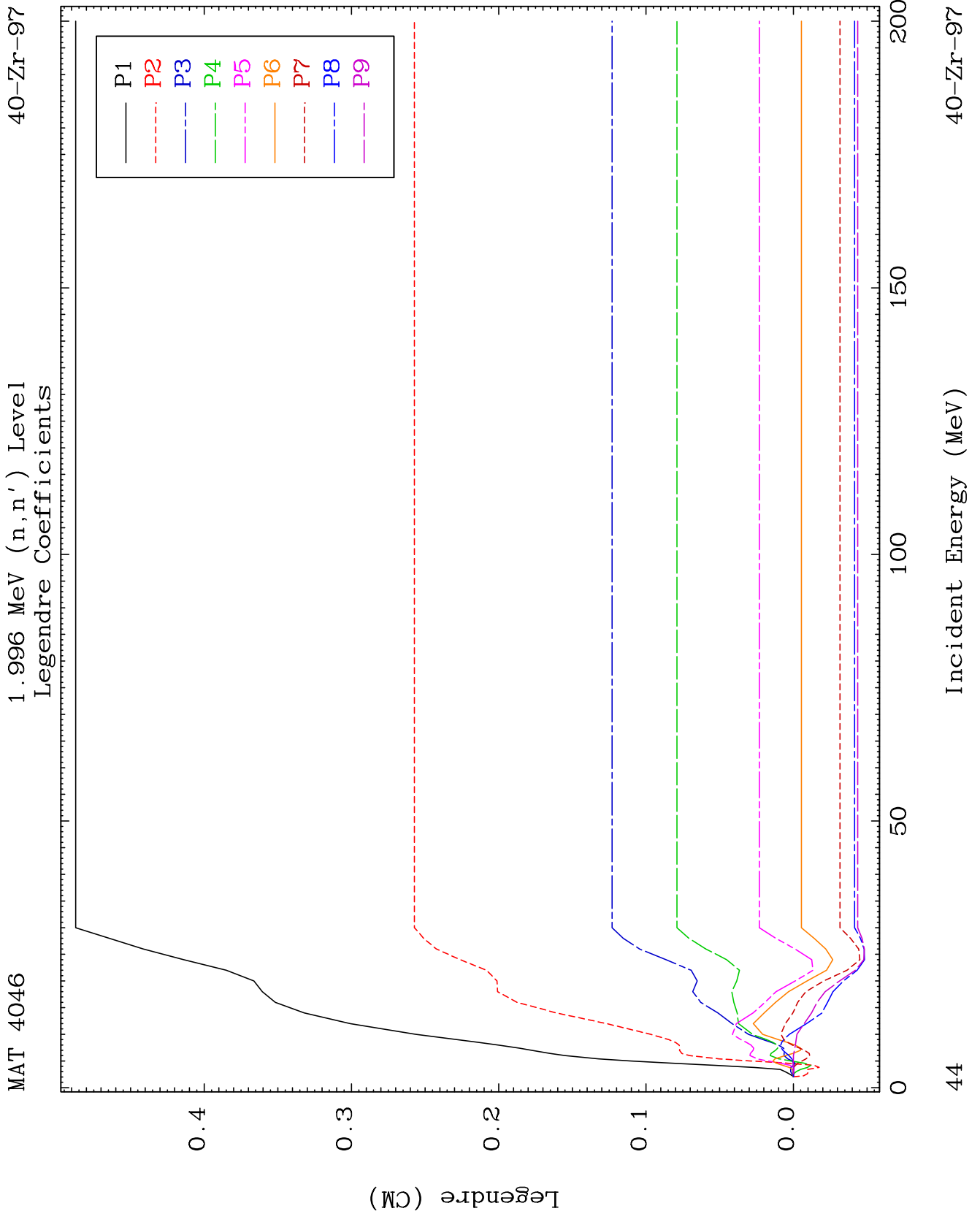


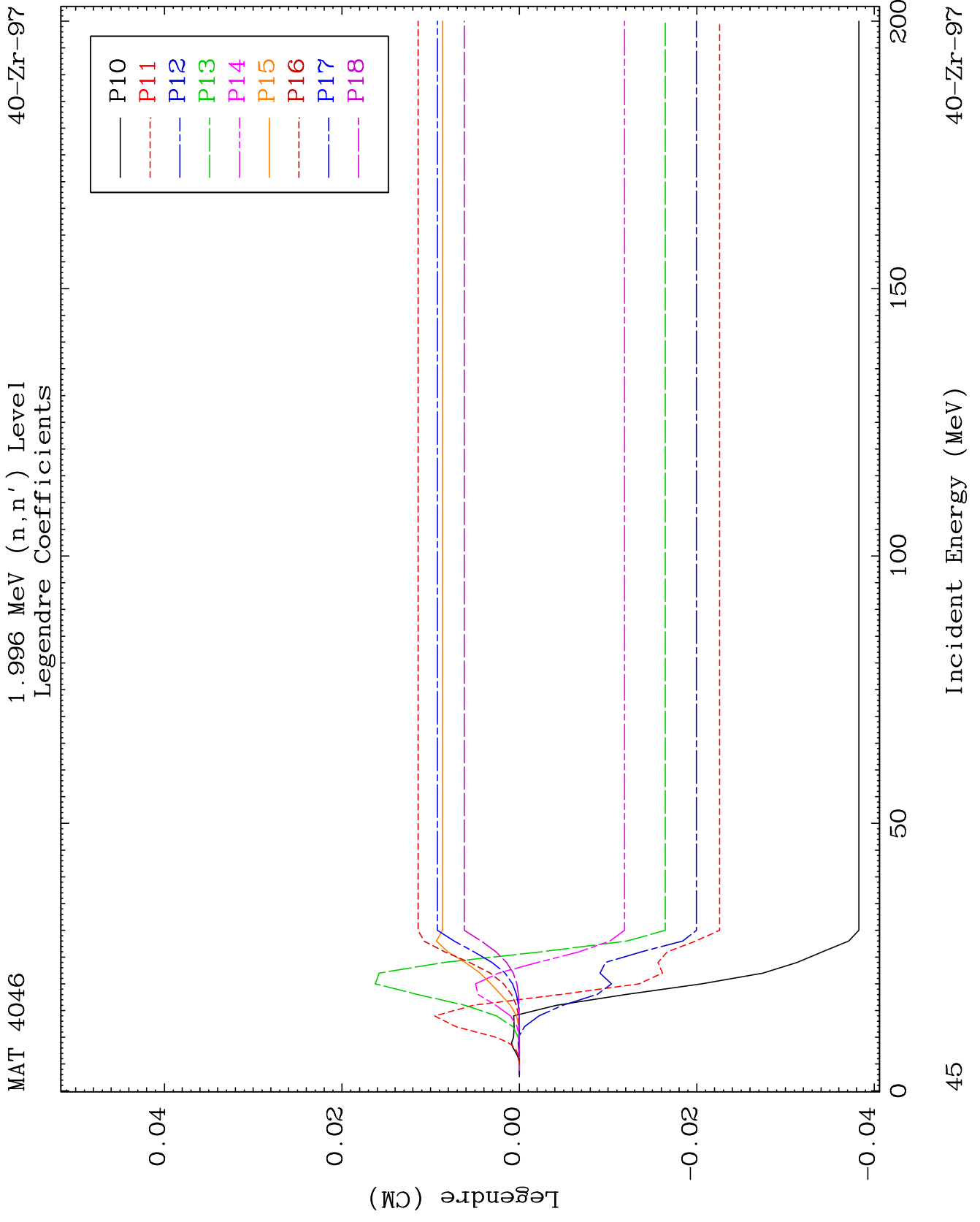


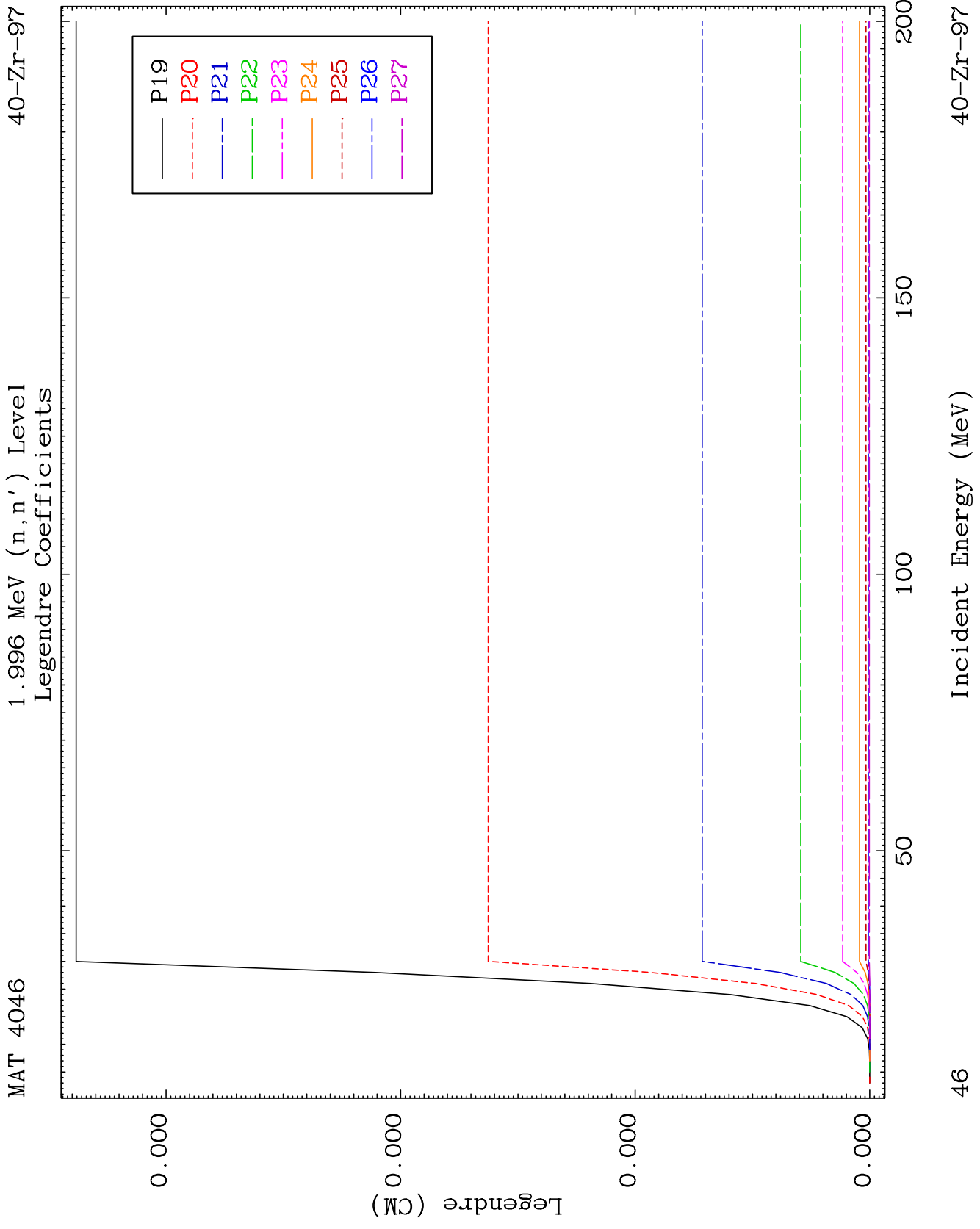






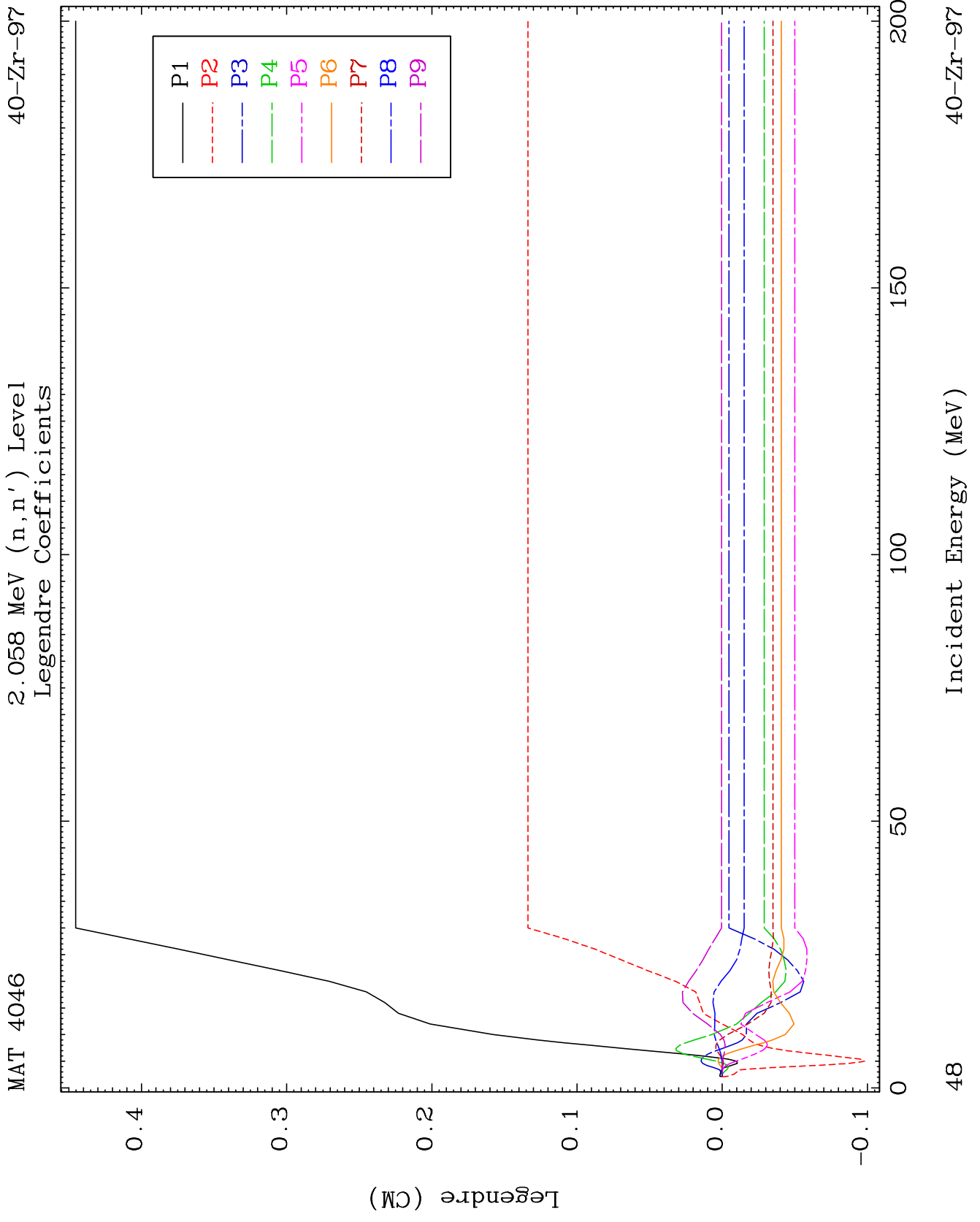






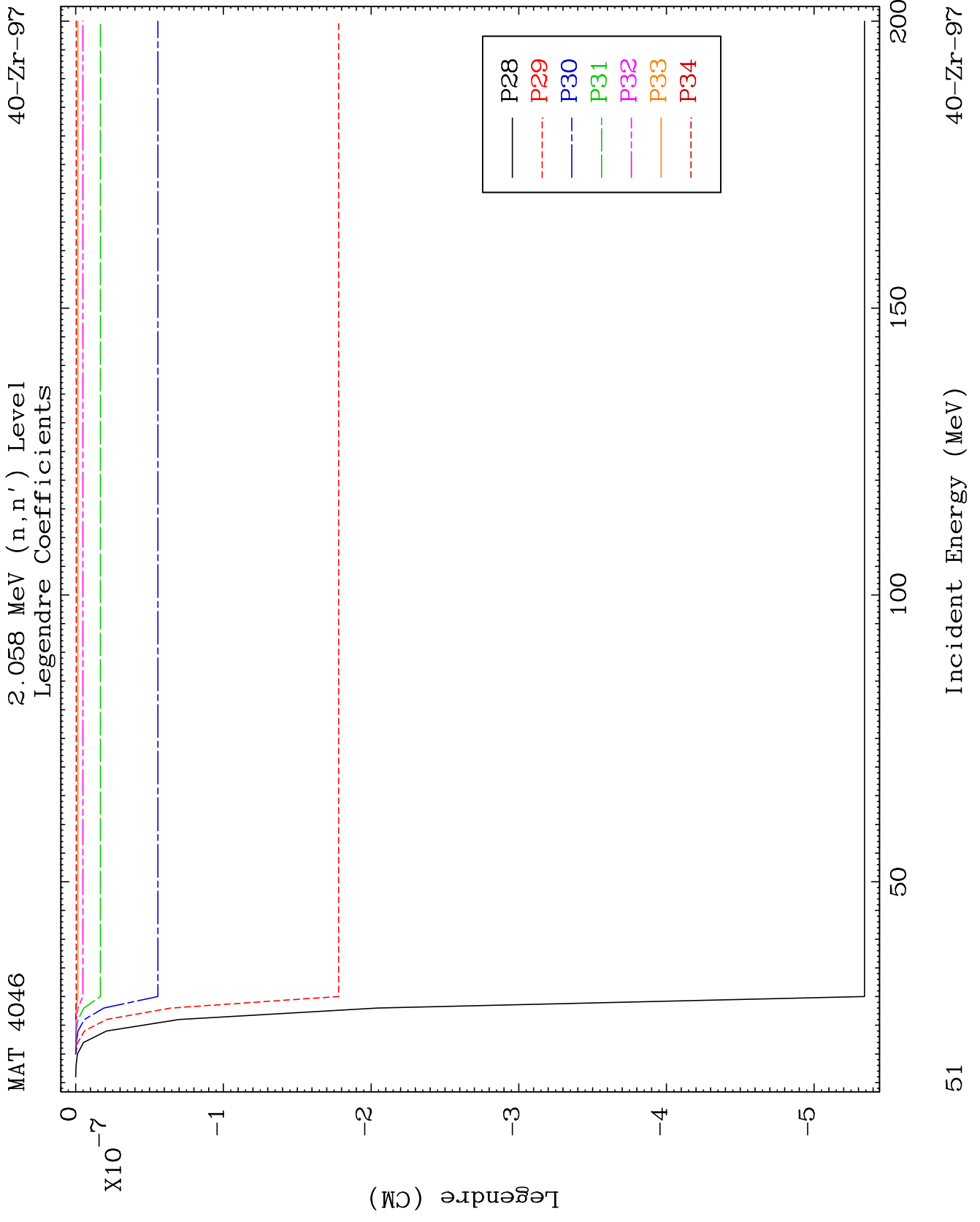


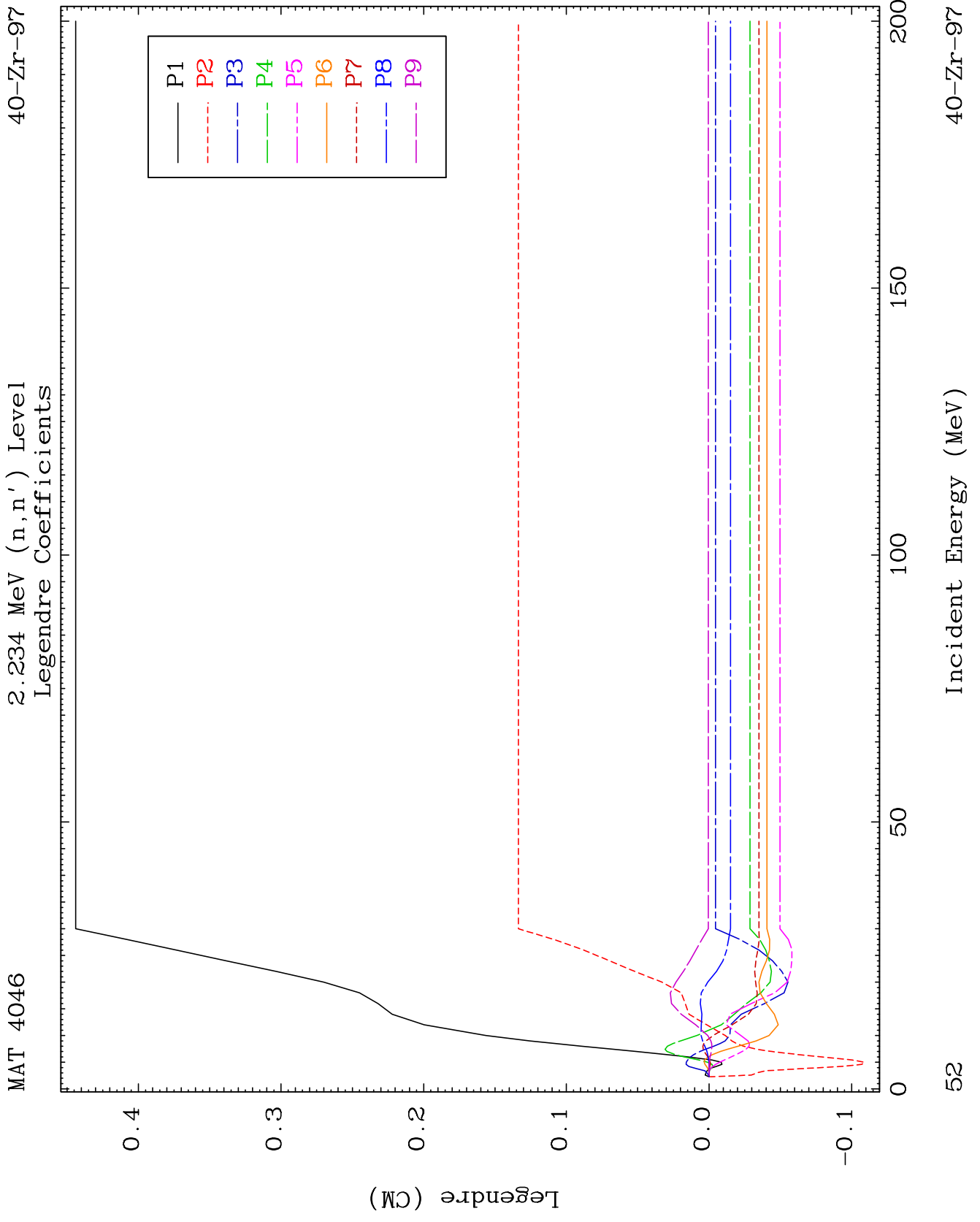


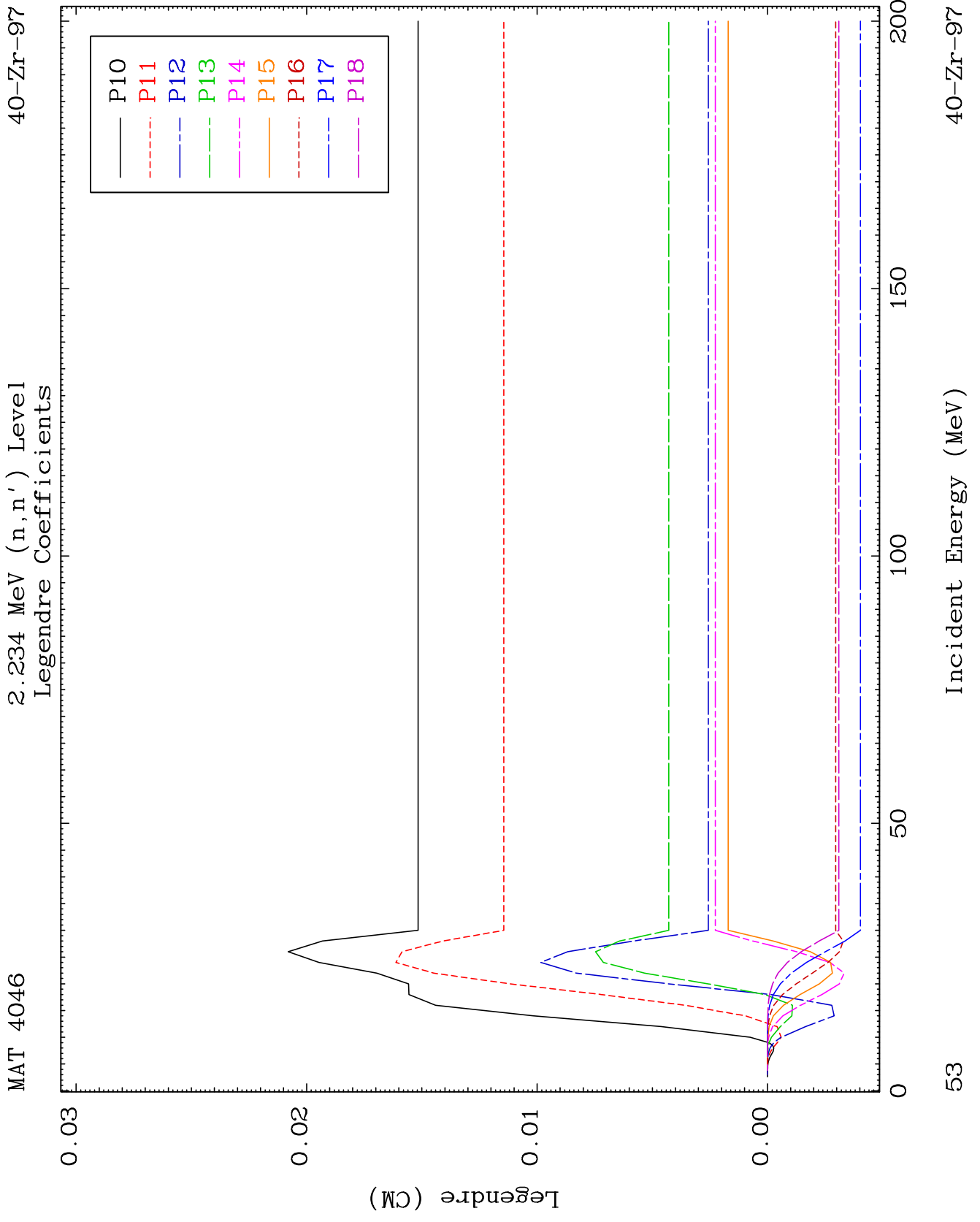


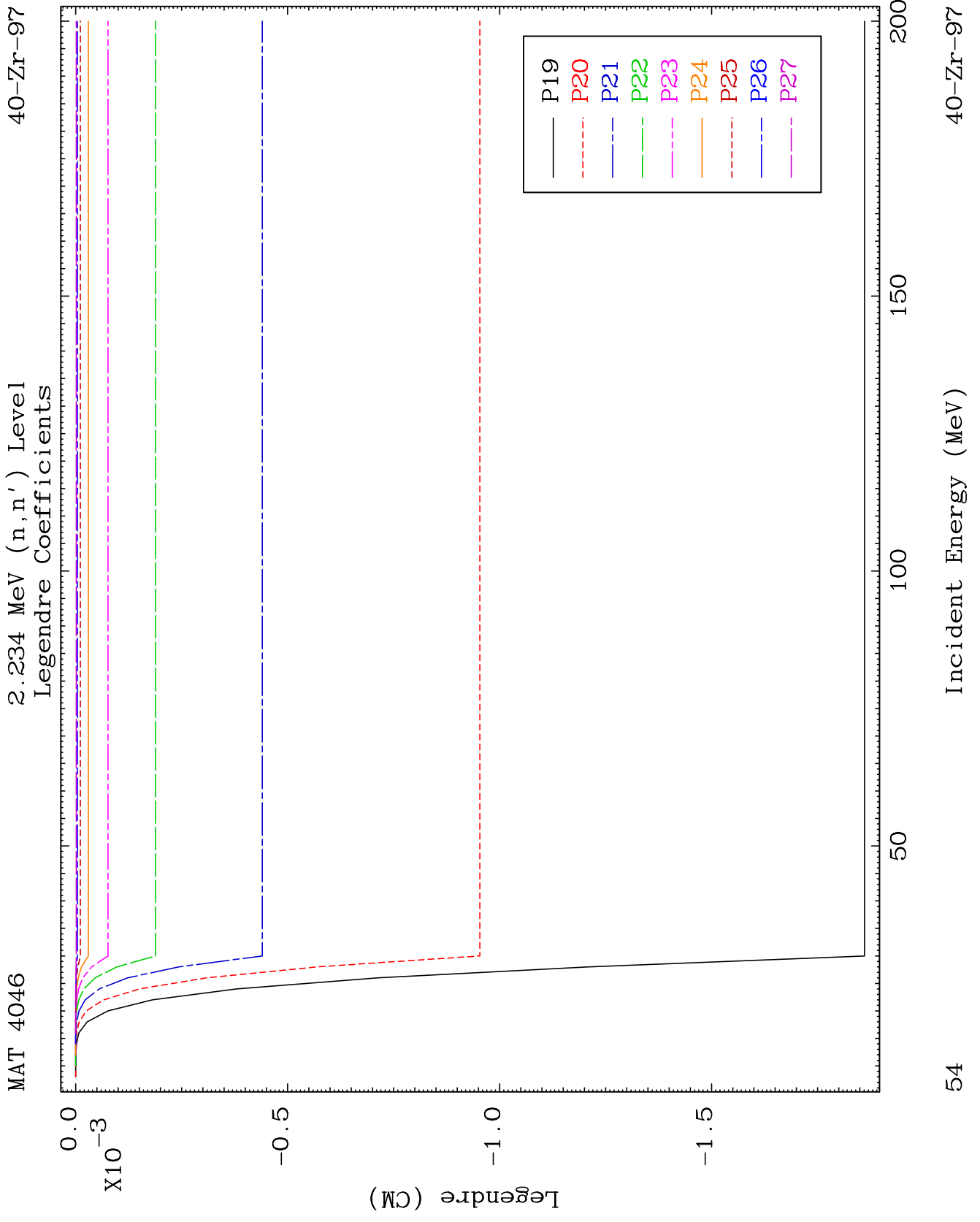


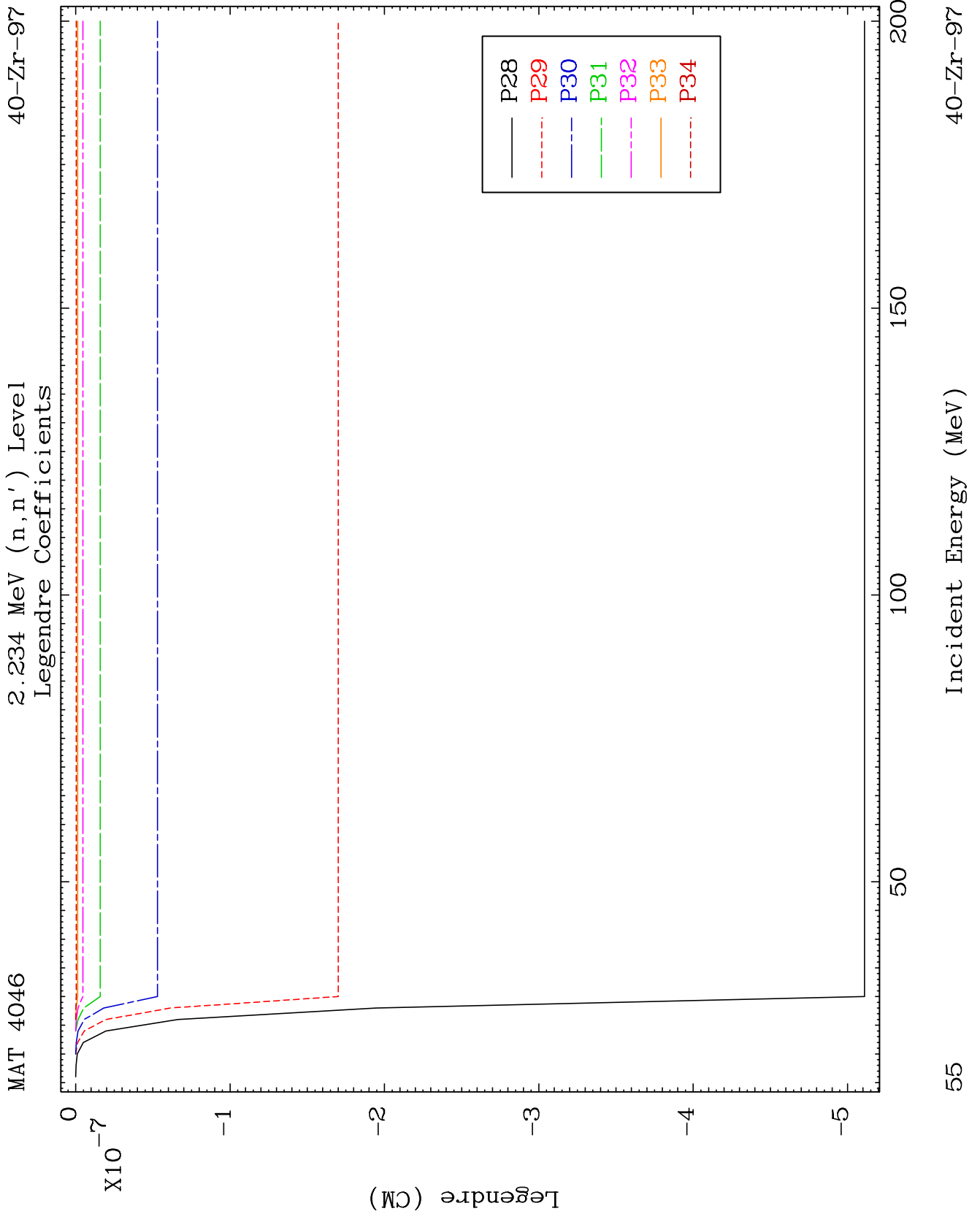




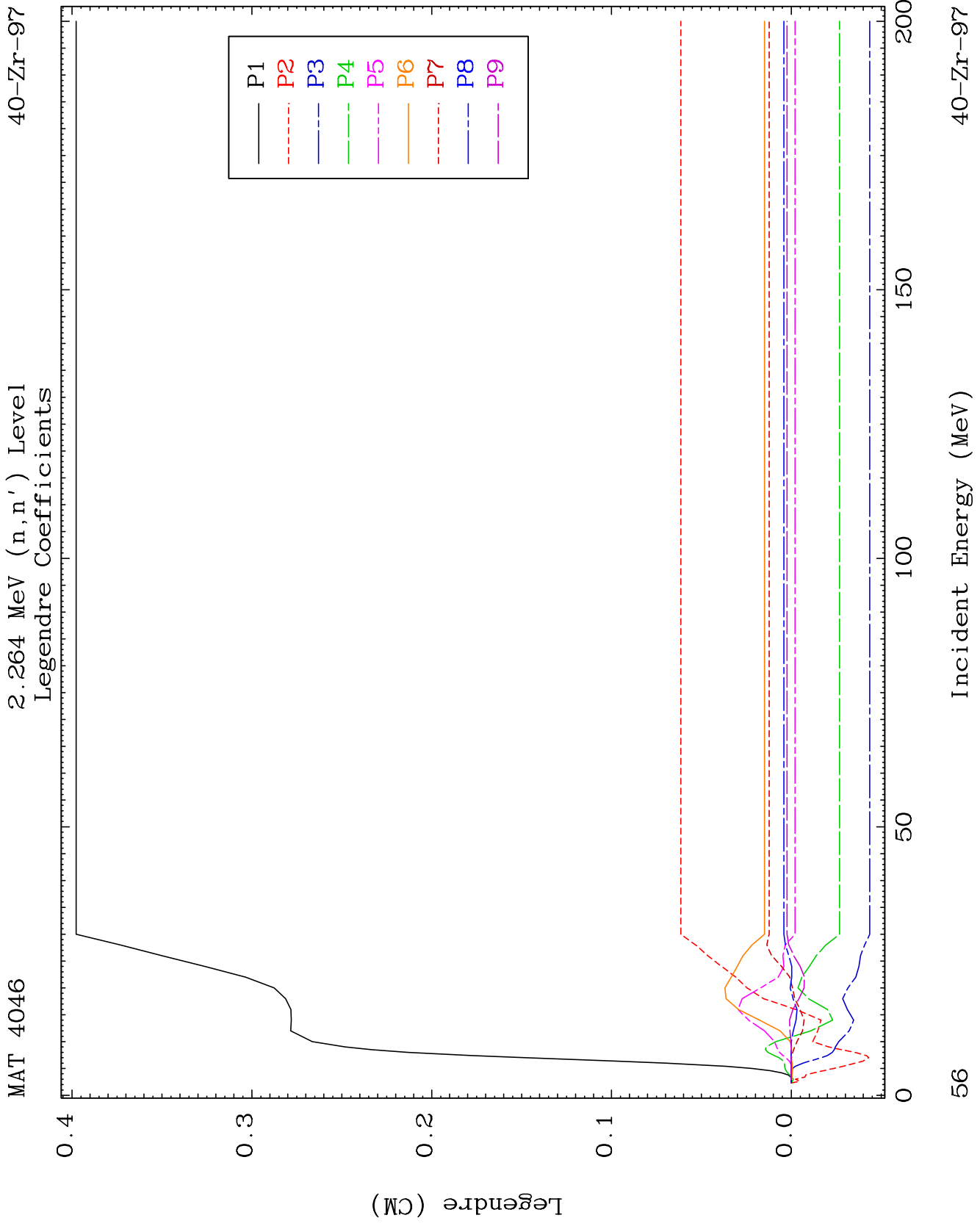








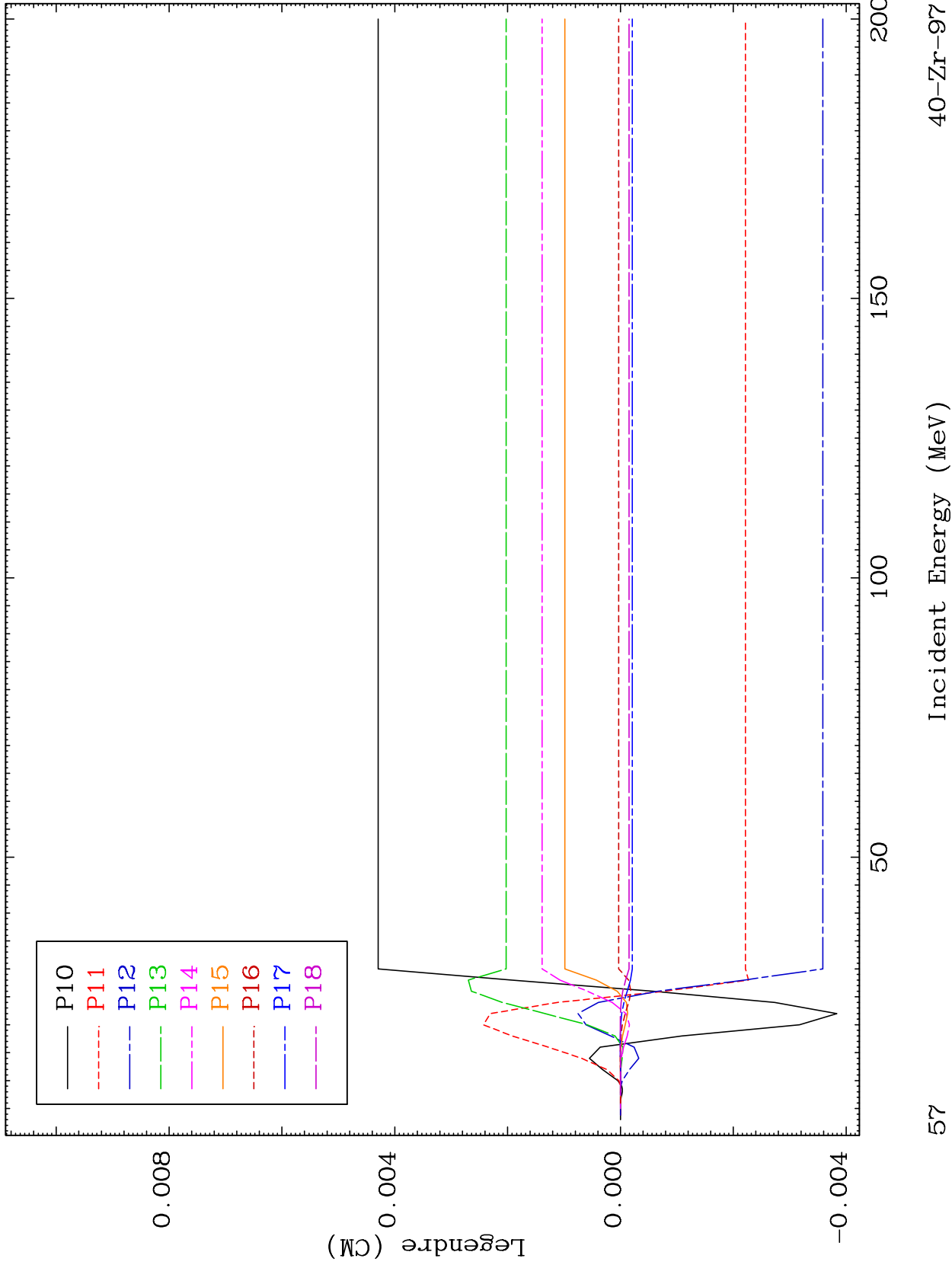




MAT 4046

2.264 MeV (n,n') Level  
Legendre Coefficients

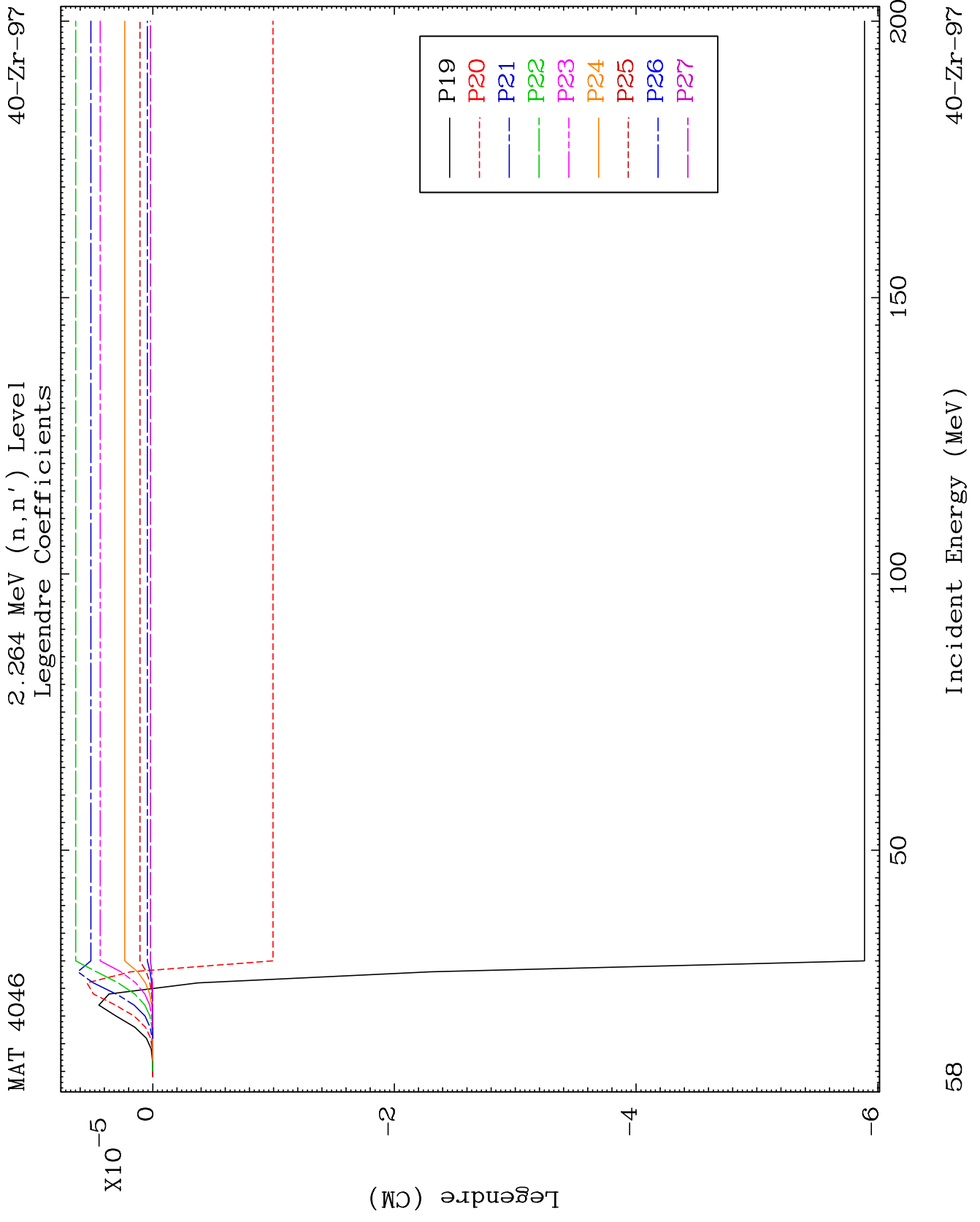
40-Zr-97



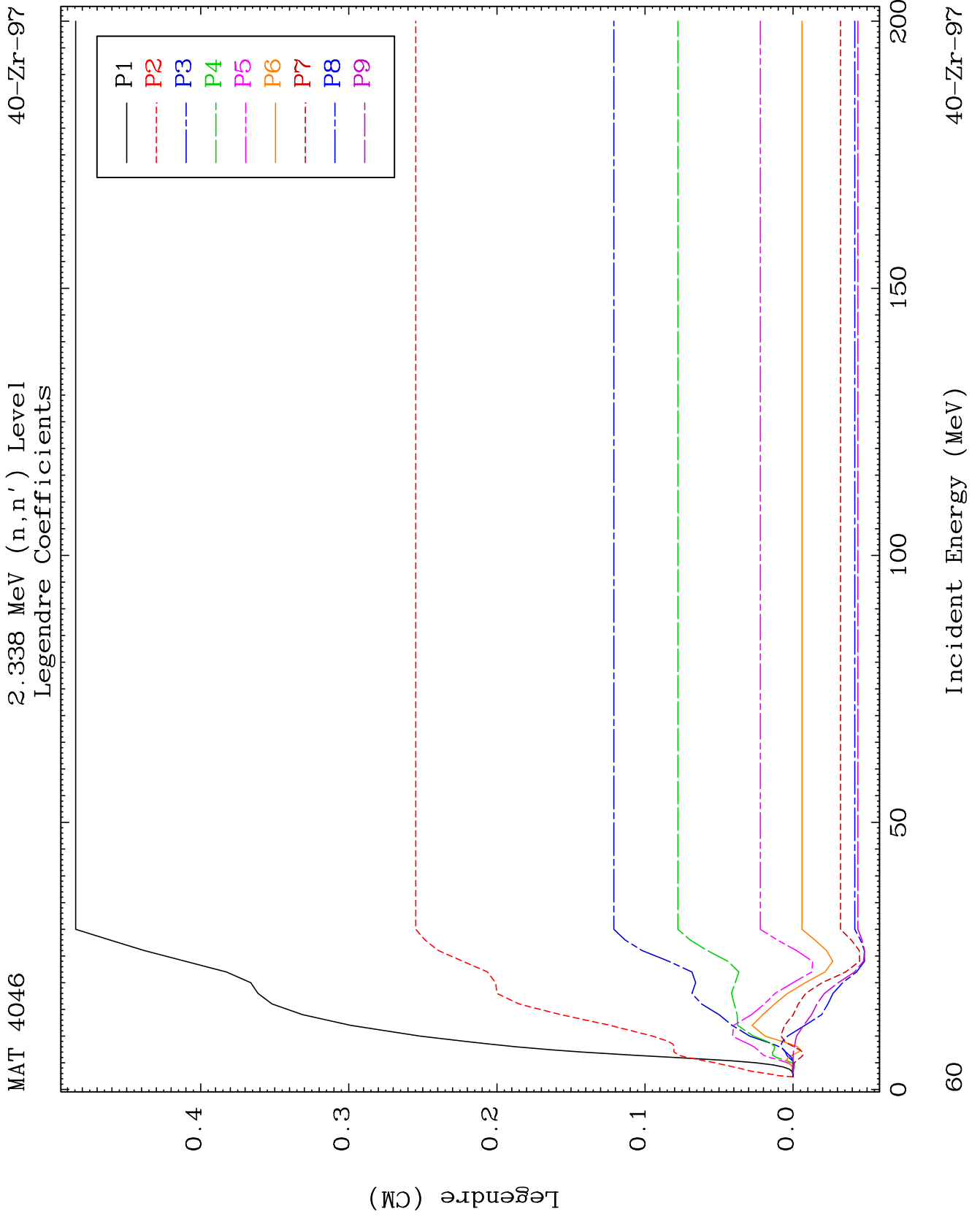
57

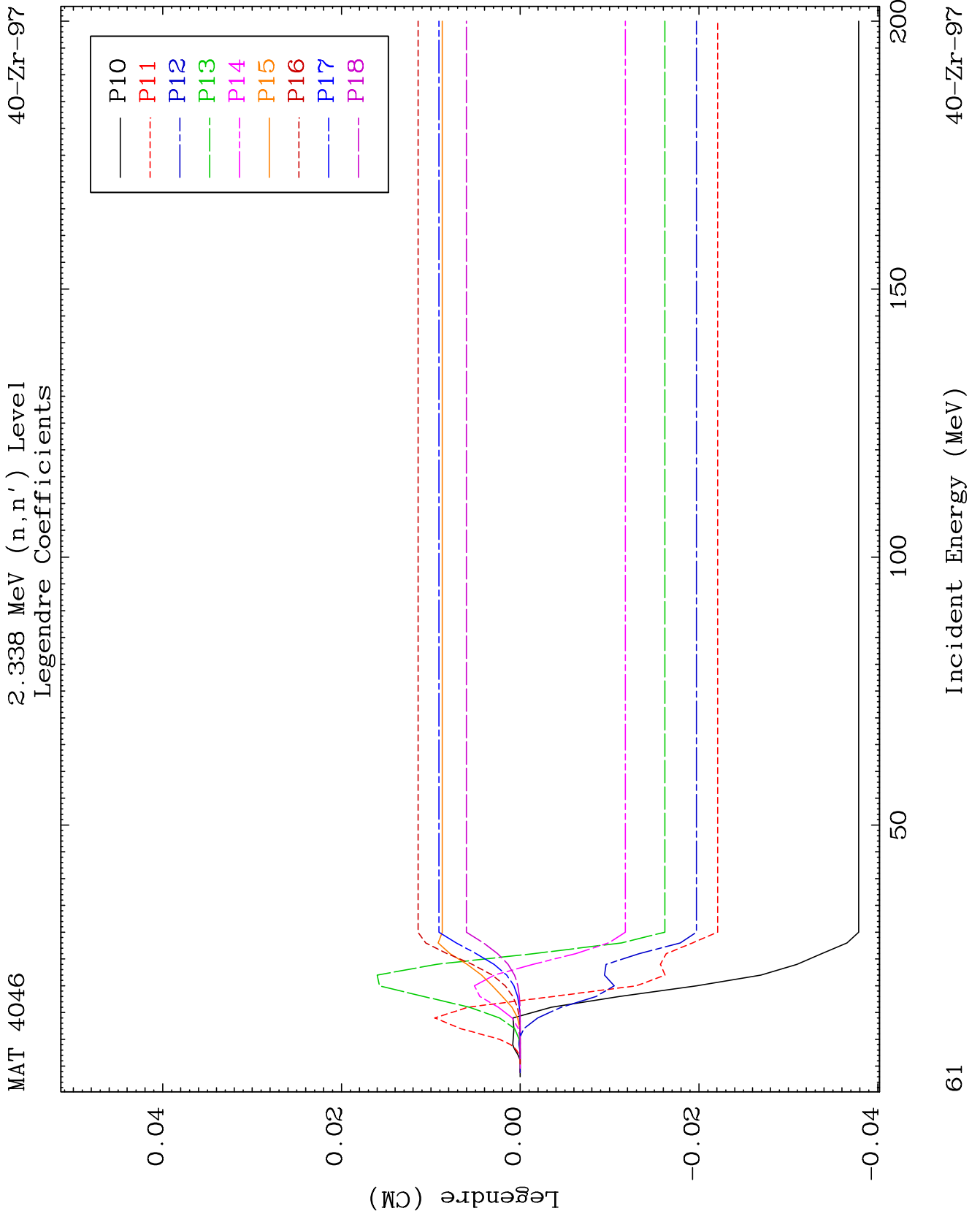
Incident Energy (MeV)

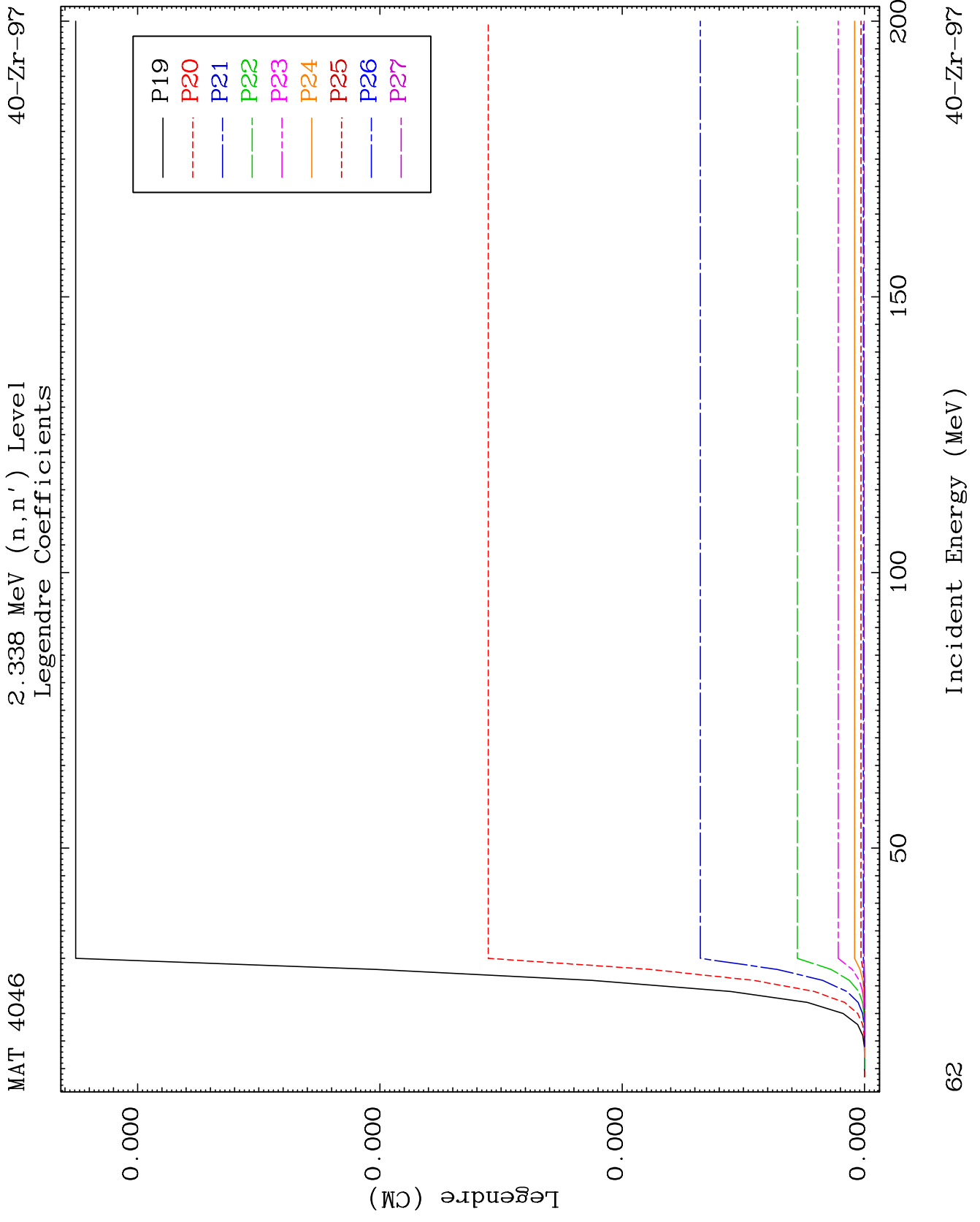
40-Zr-97

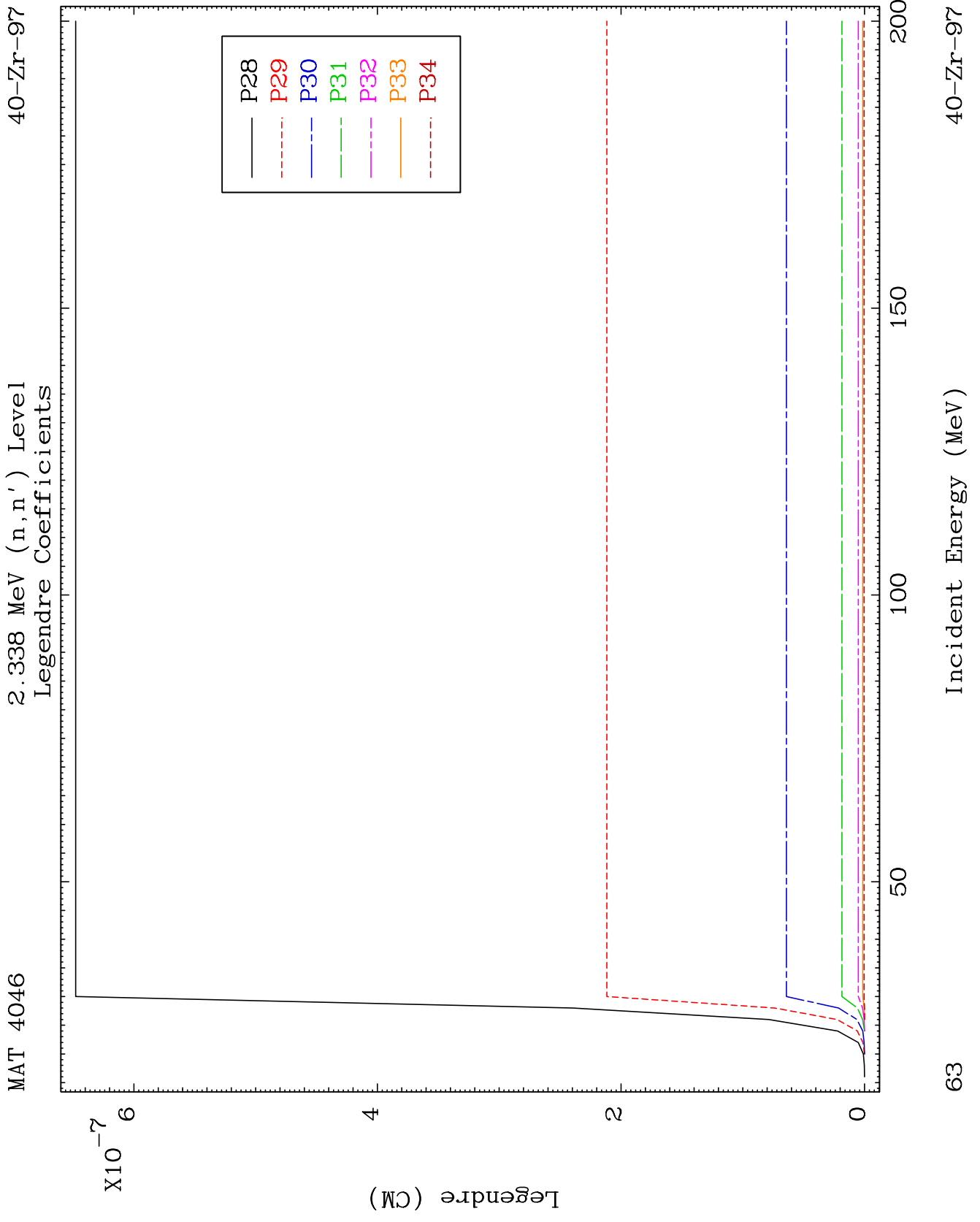




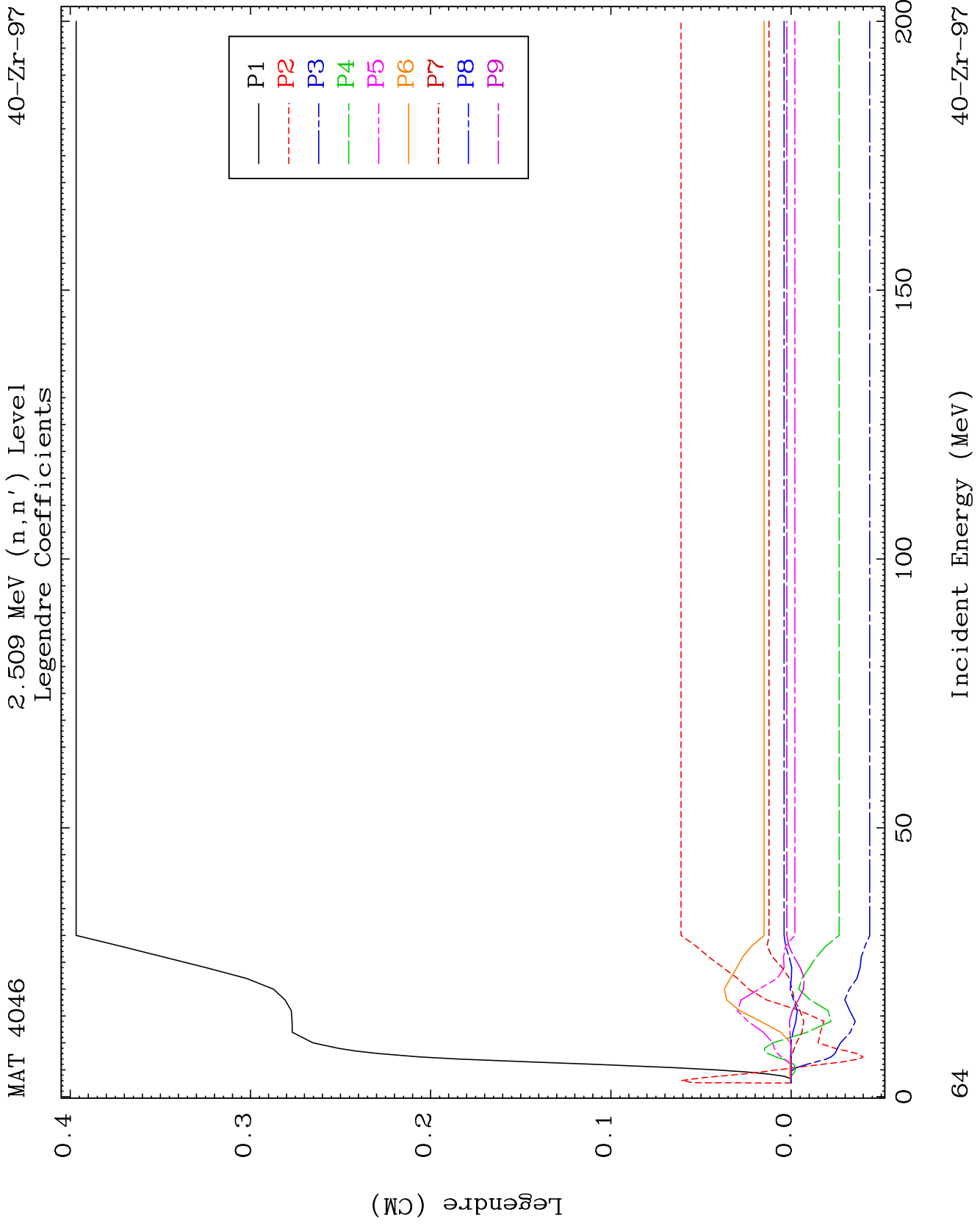








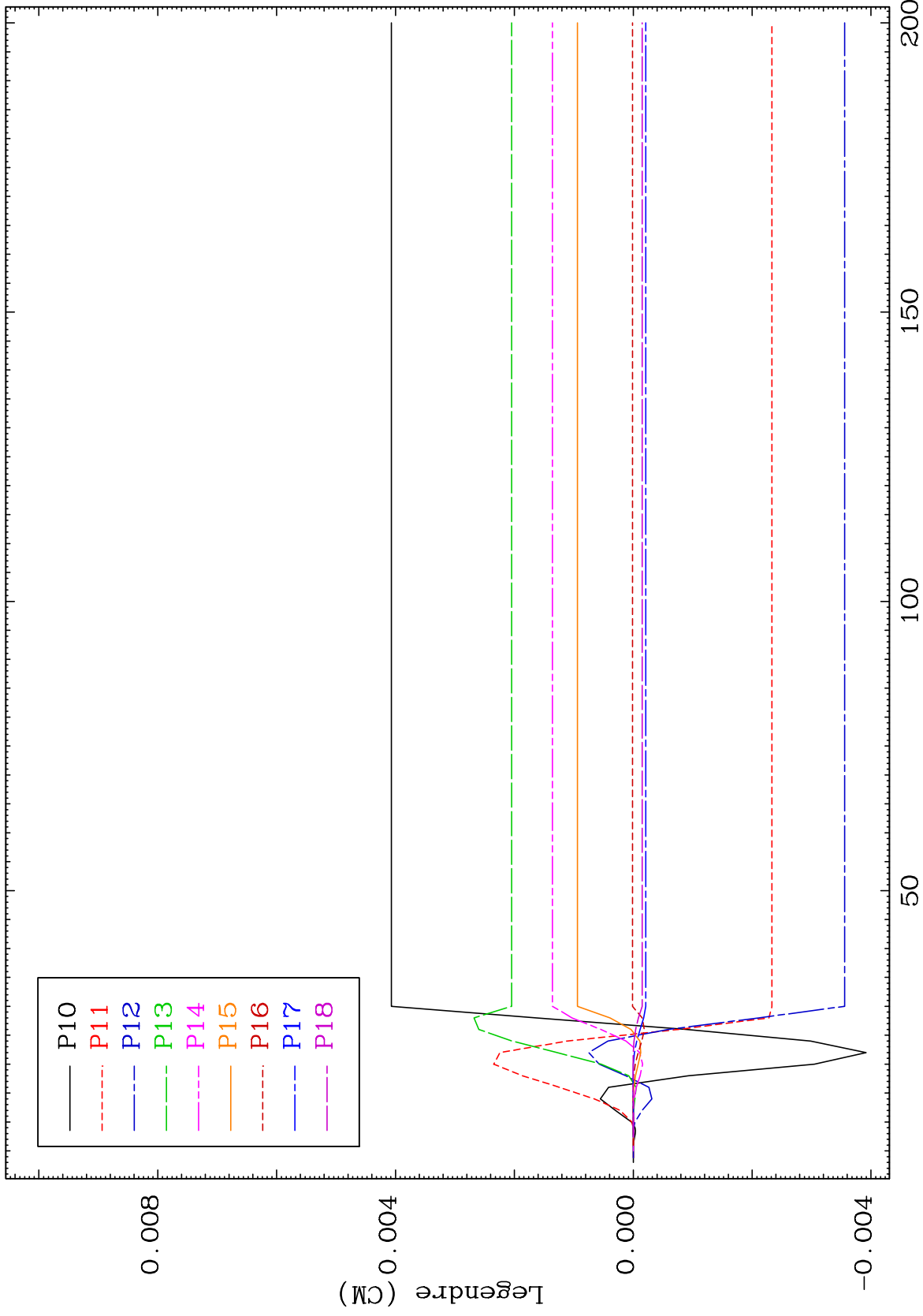




MAT 4046

2.509 MeV (n,n') Level  
Legendre Coefficients

40-Zr-97

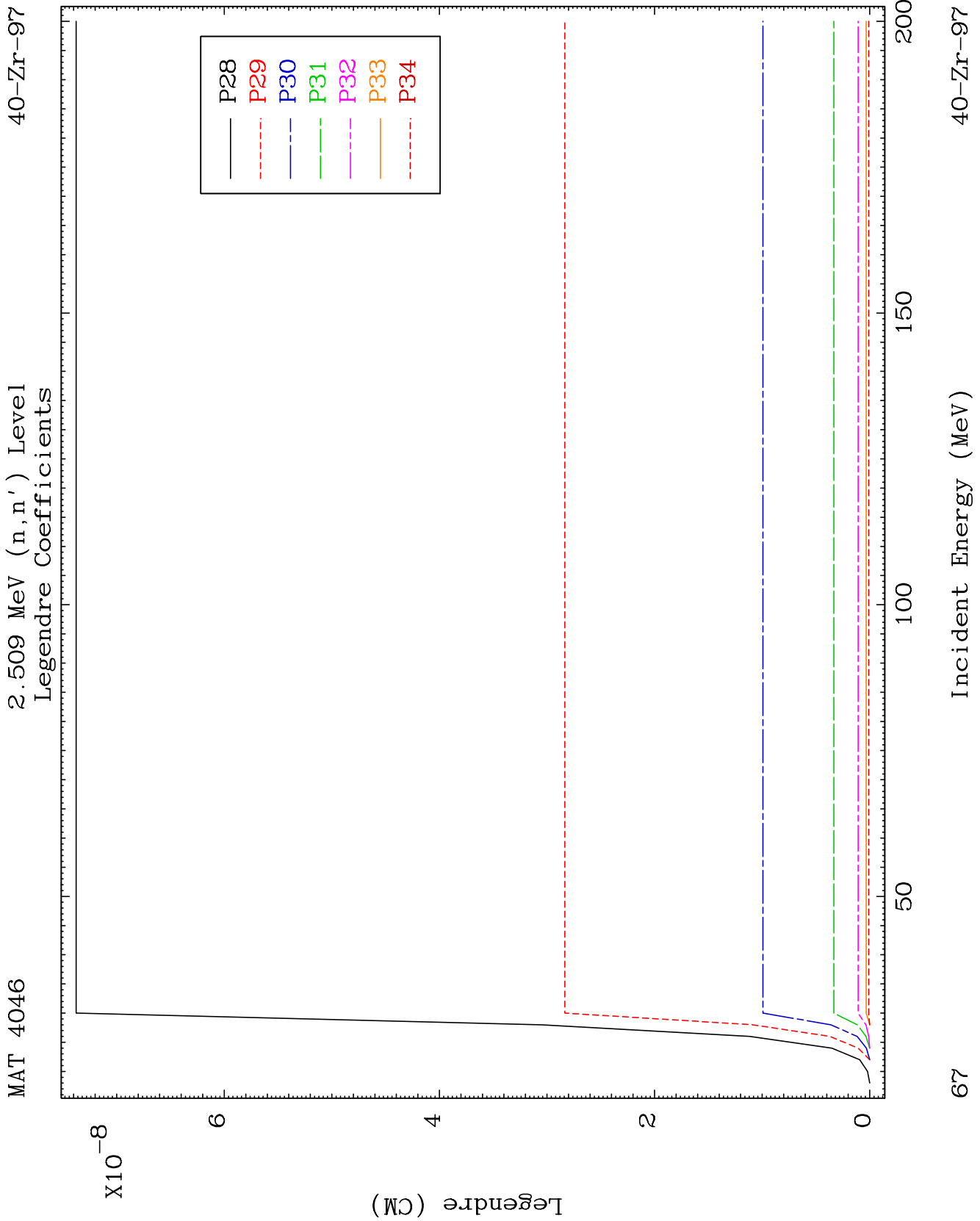


65

Incident Energy (MeV)

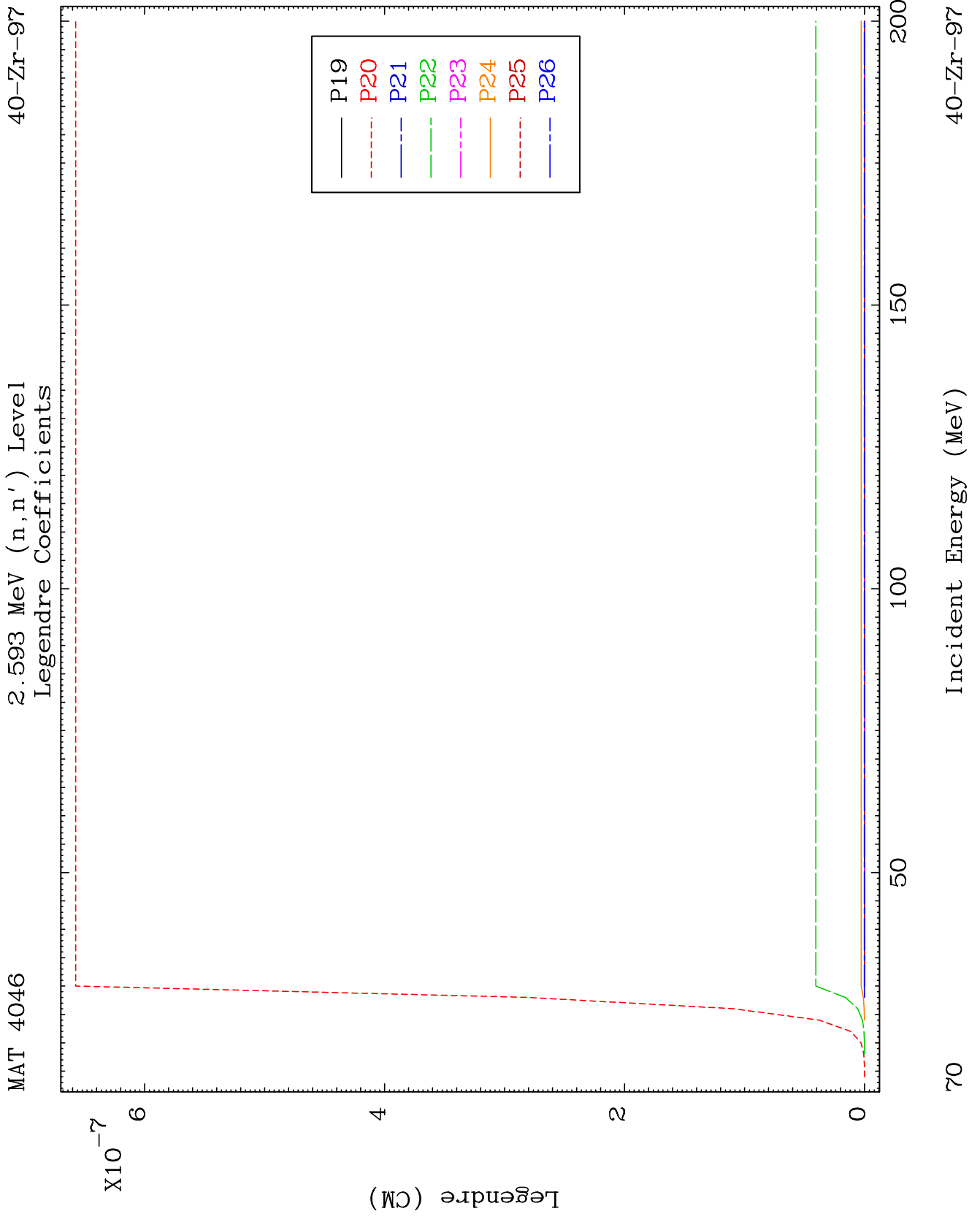
40-Zr-97

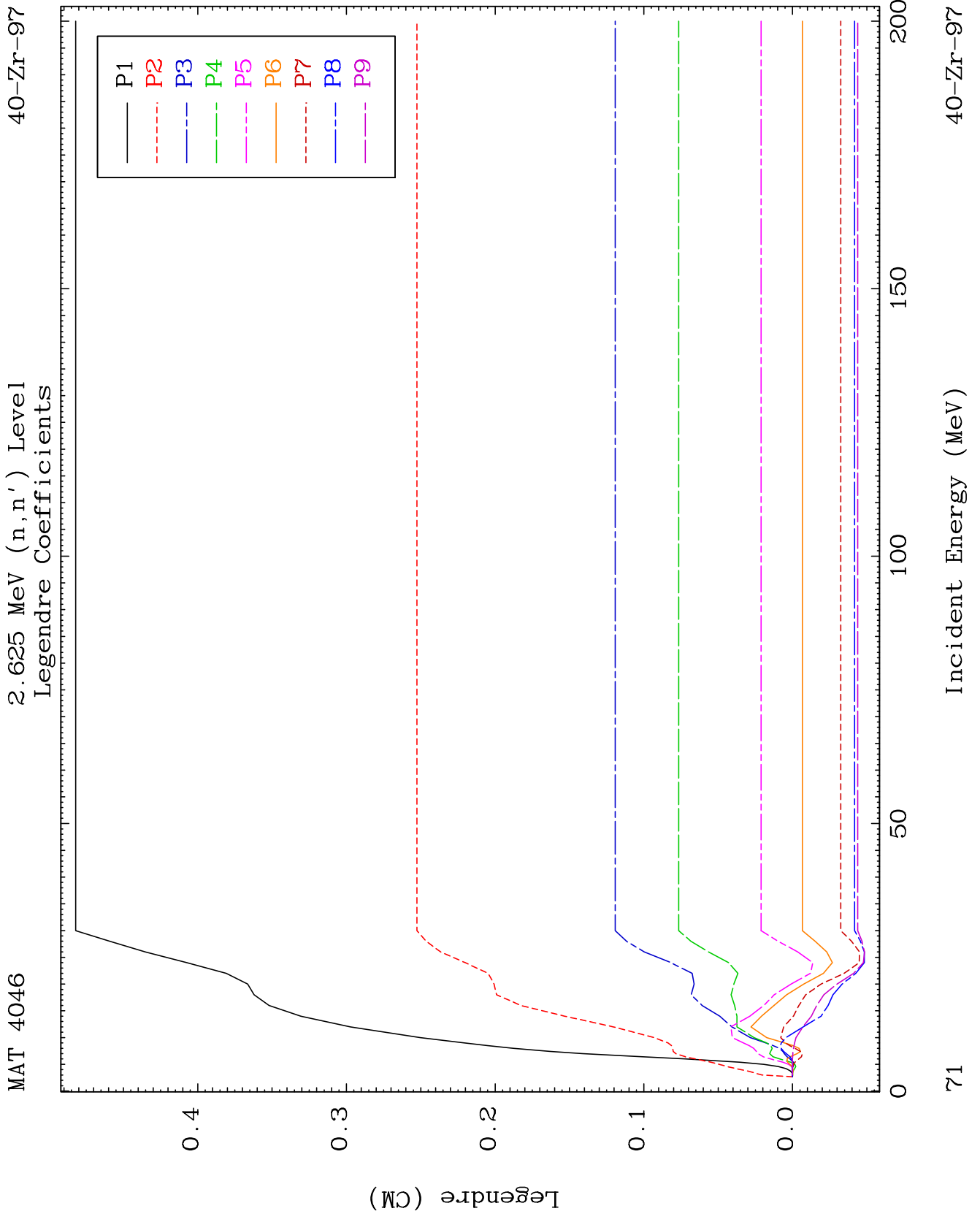




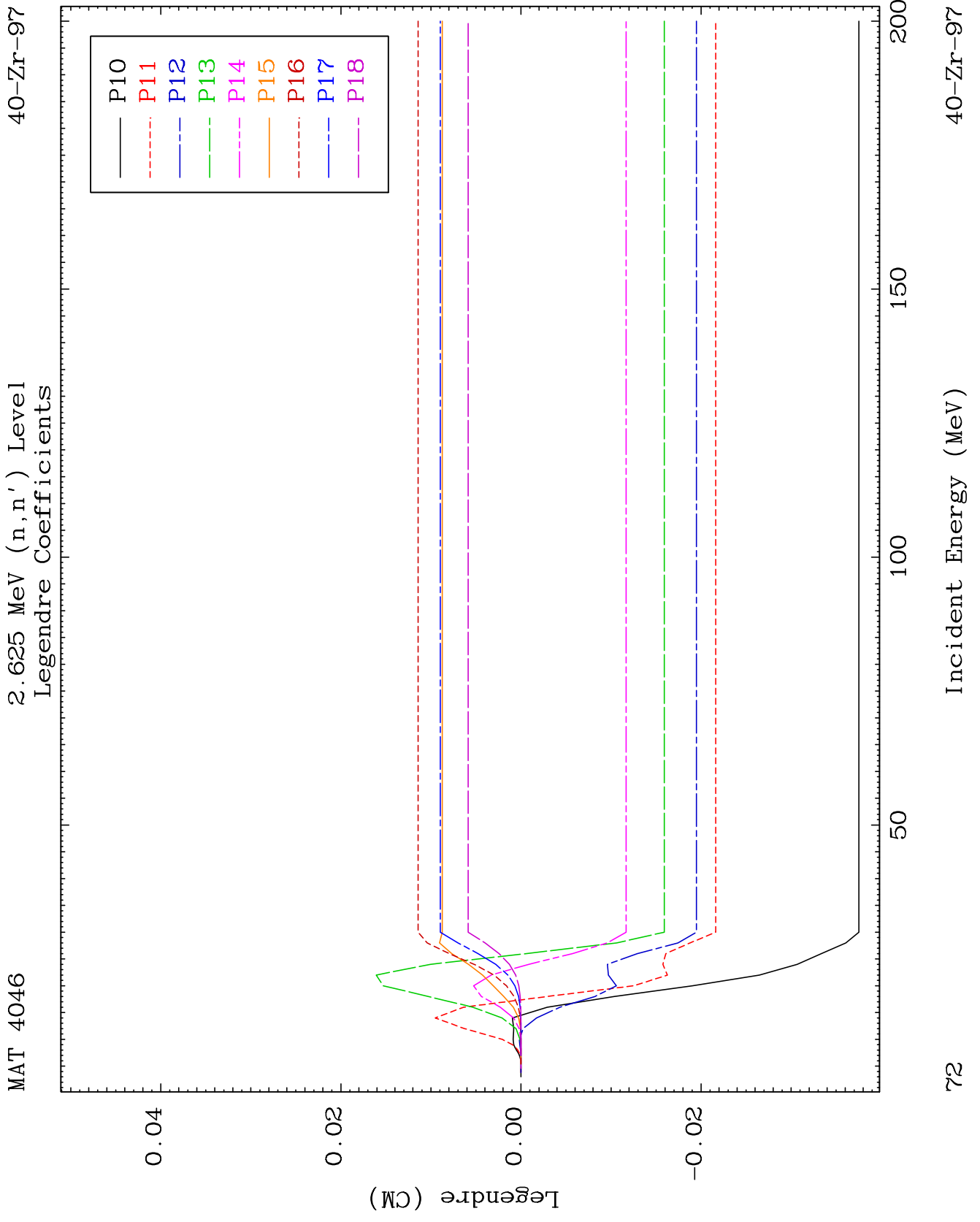


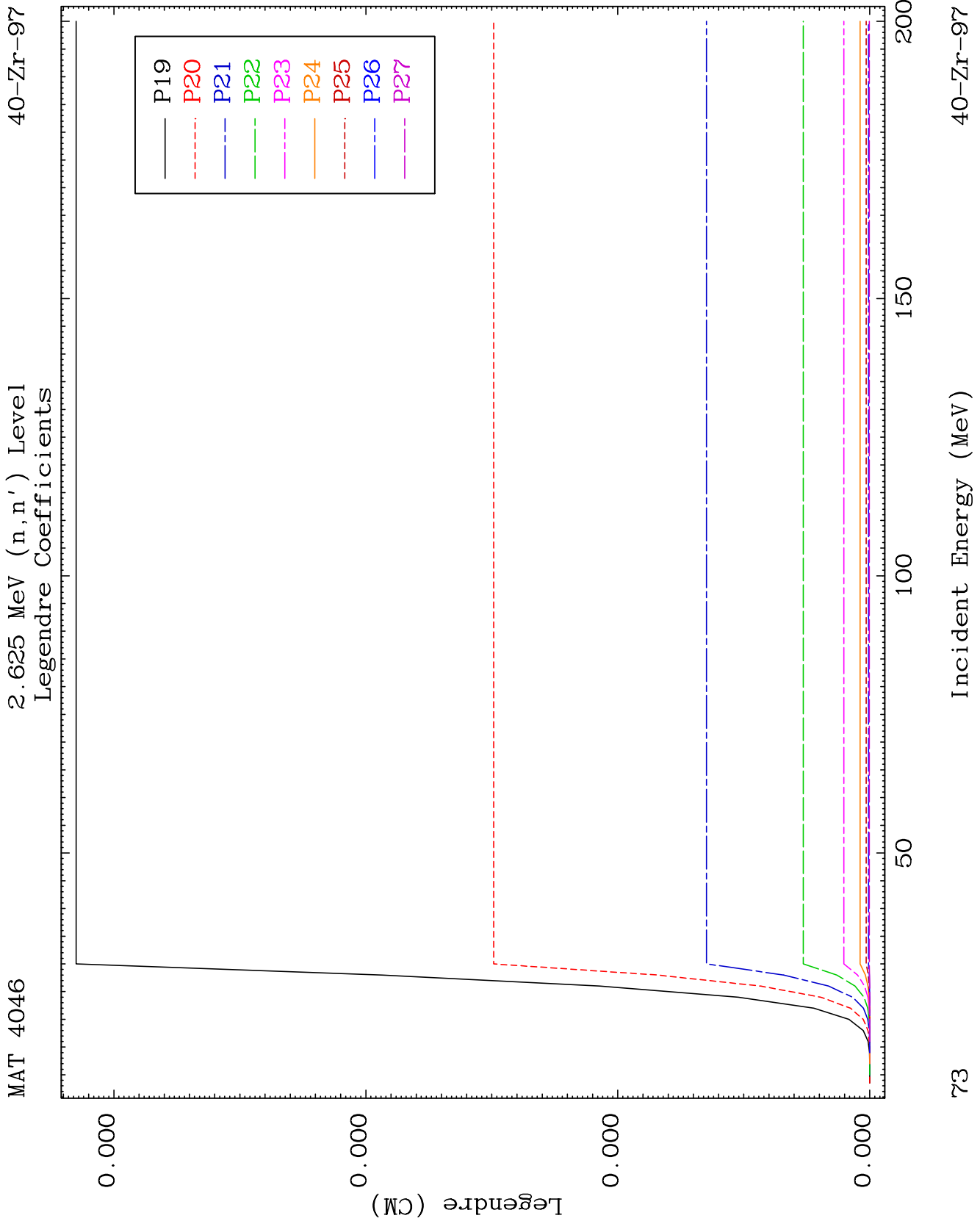


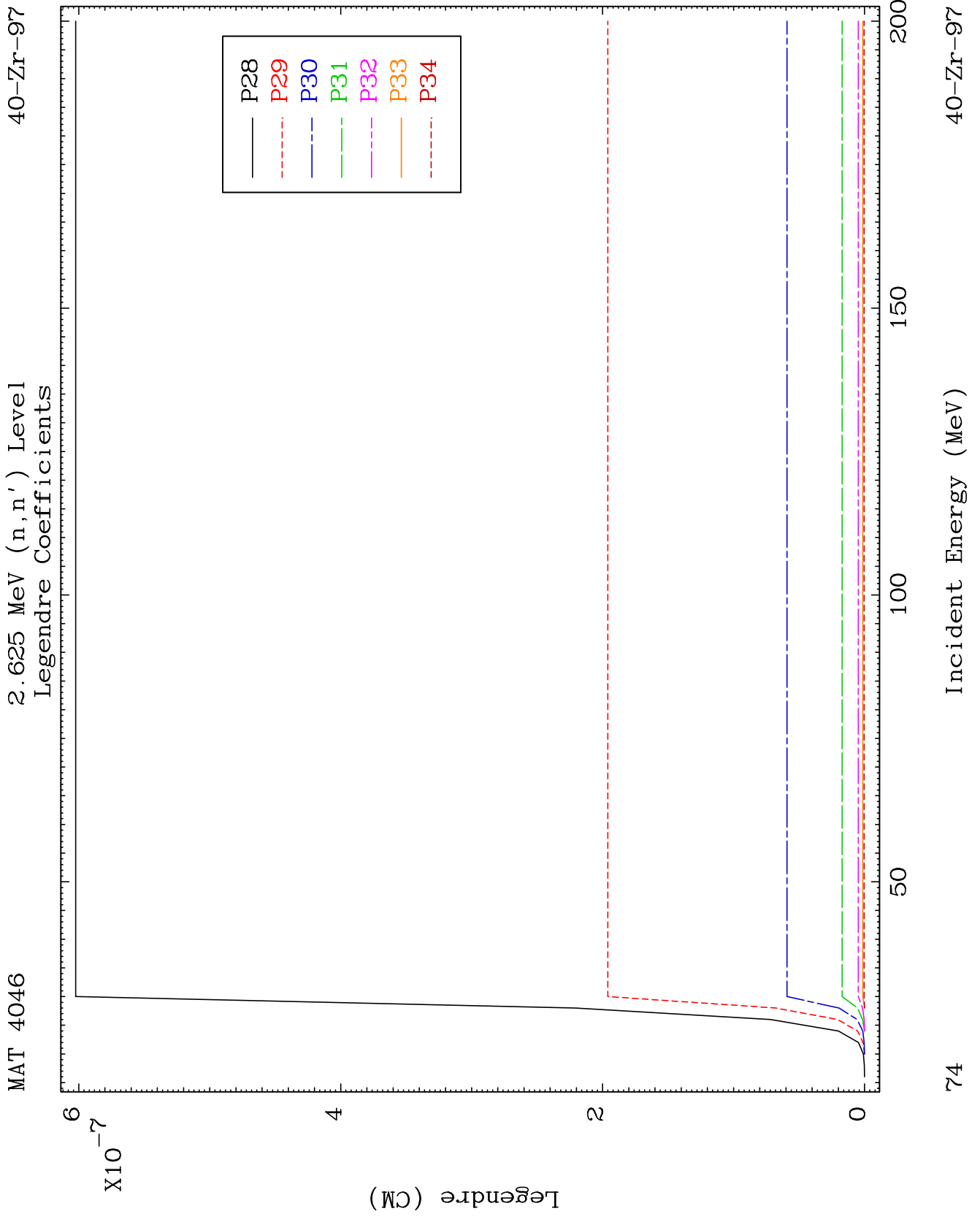










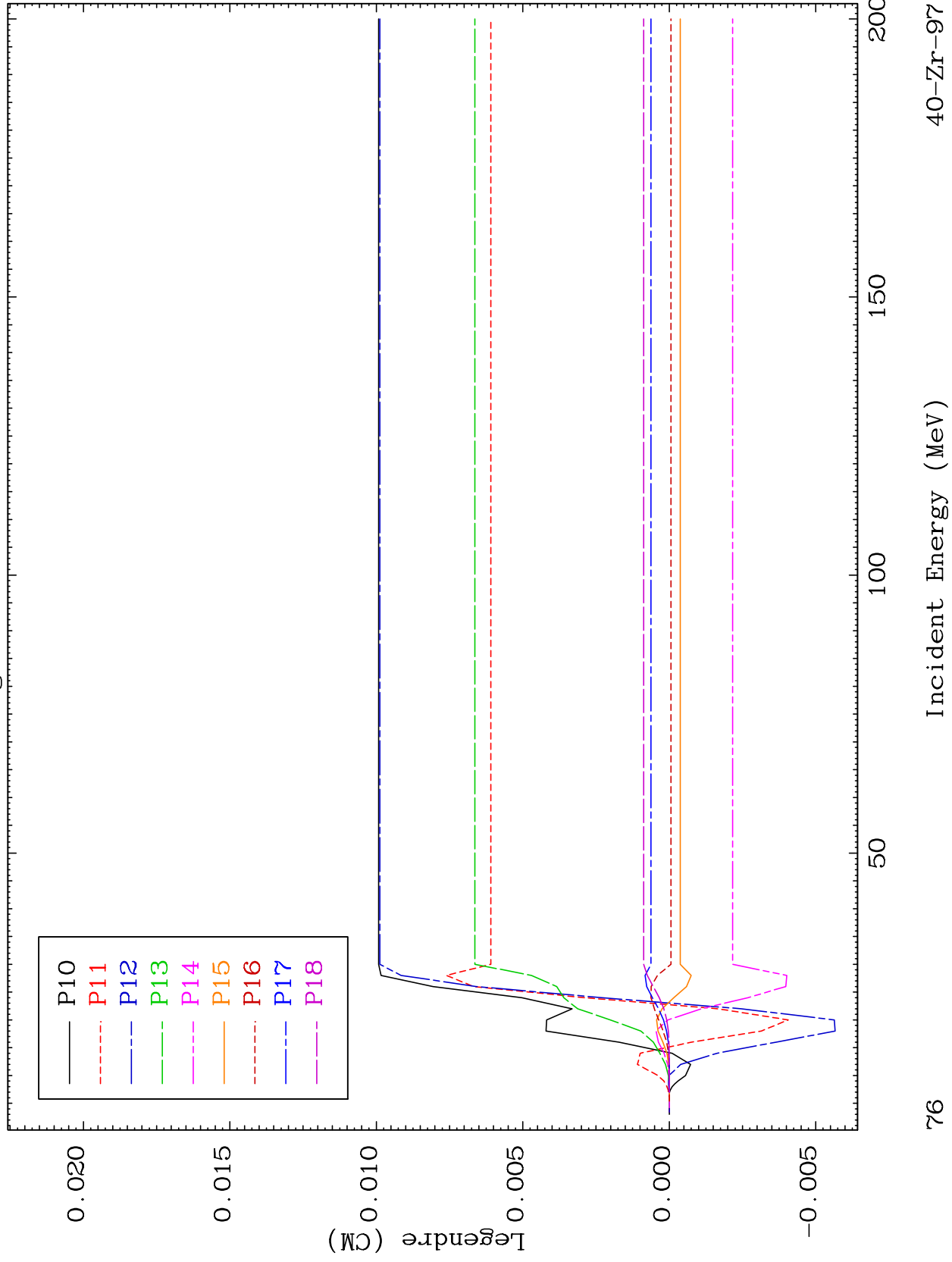




MAT 4046

2.626 MeV (n,n') Level  
Legendre Coefficients

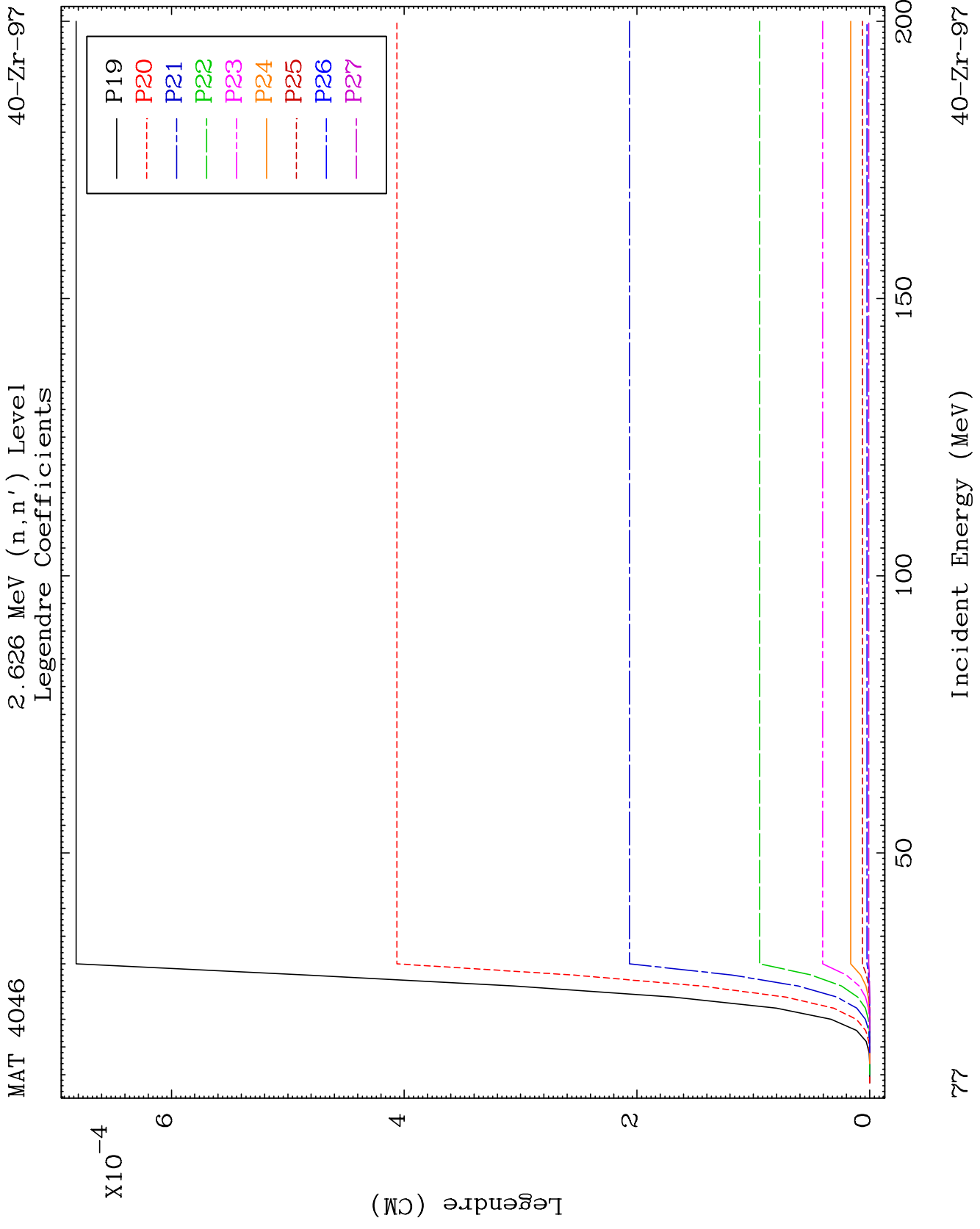
40-Zr-97

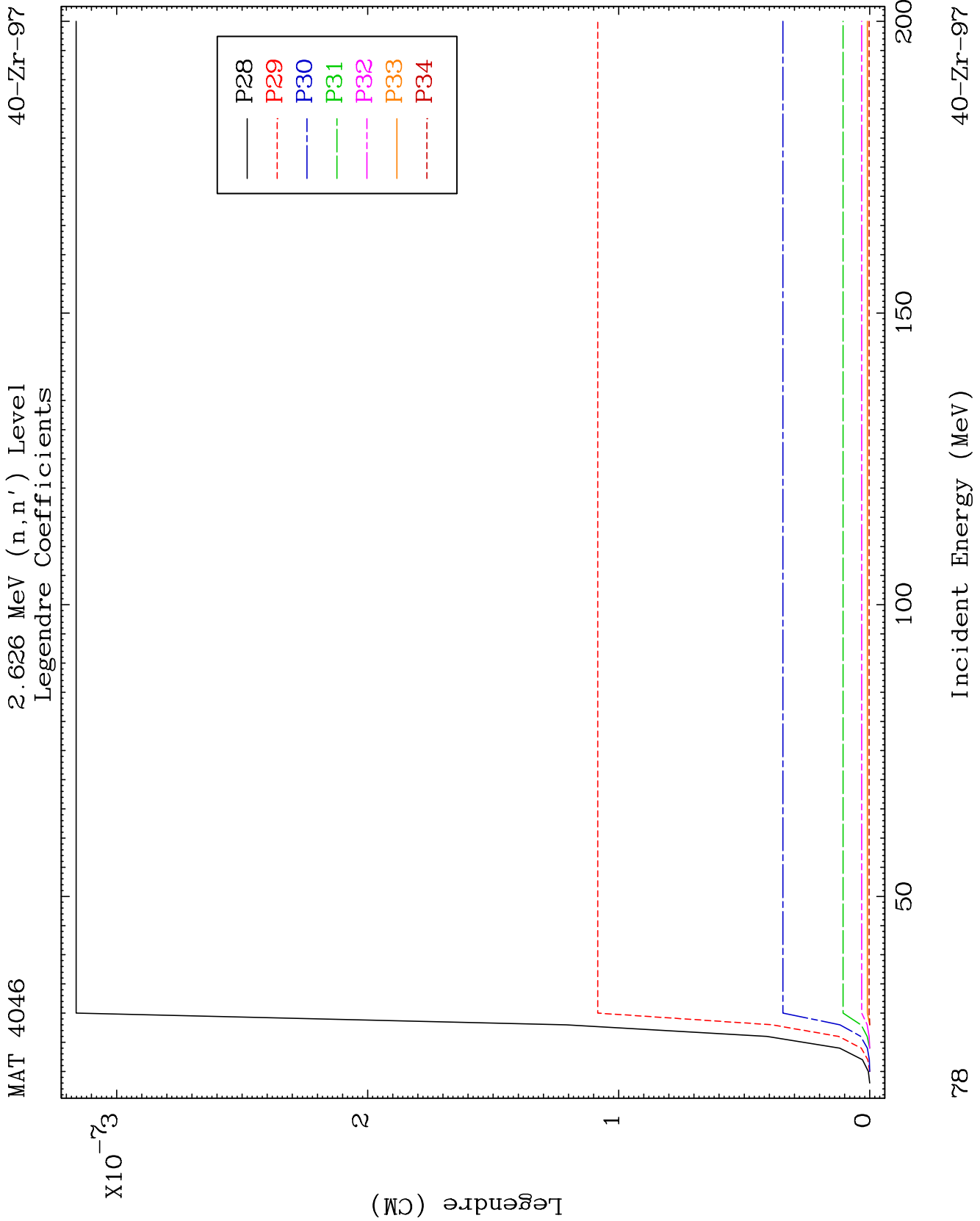


76

Incident Energy (MeV)

40-Zr-97





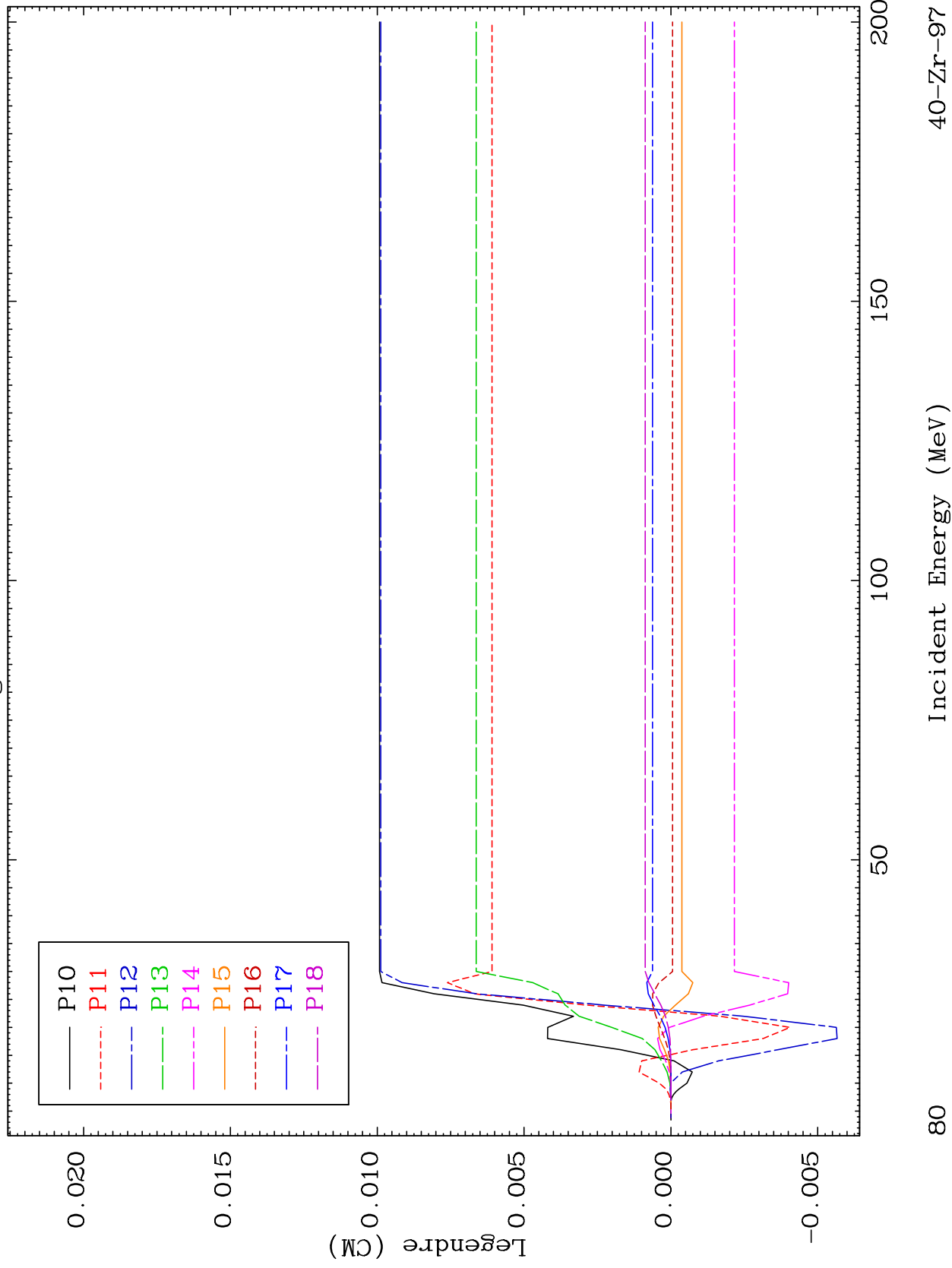




MAT 4046

2.629 MeV (n,n') Level  
Legendre Coefficients

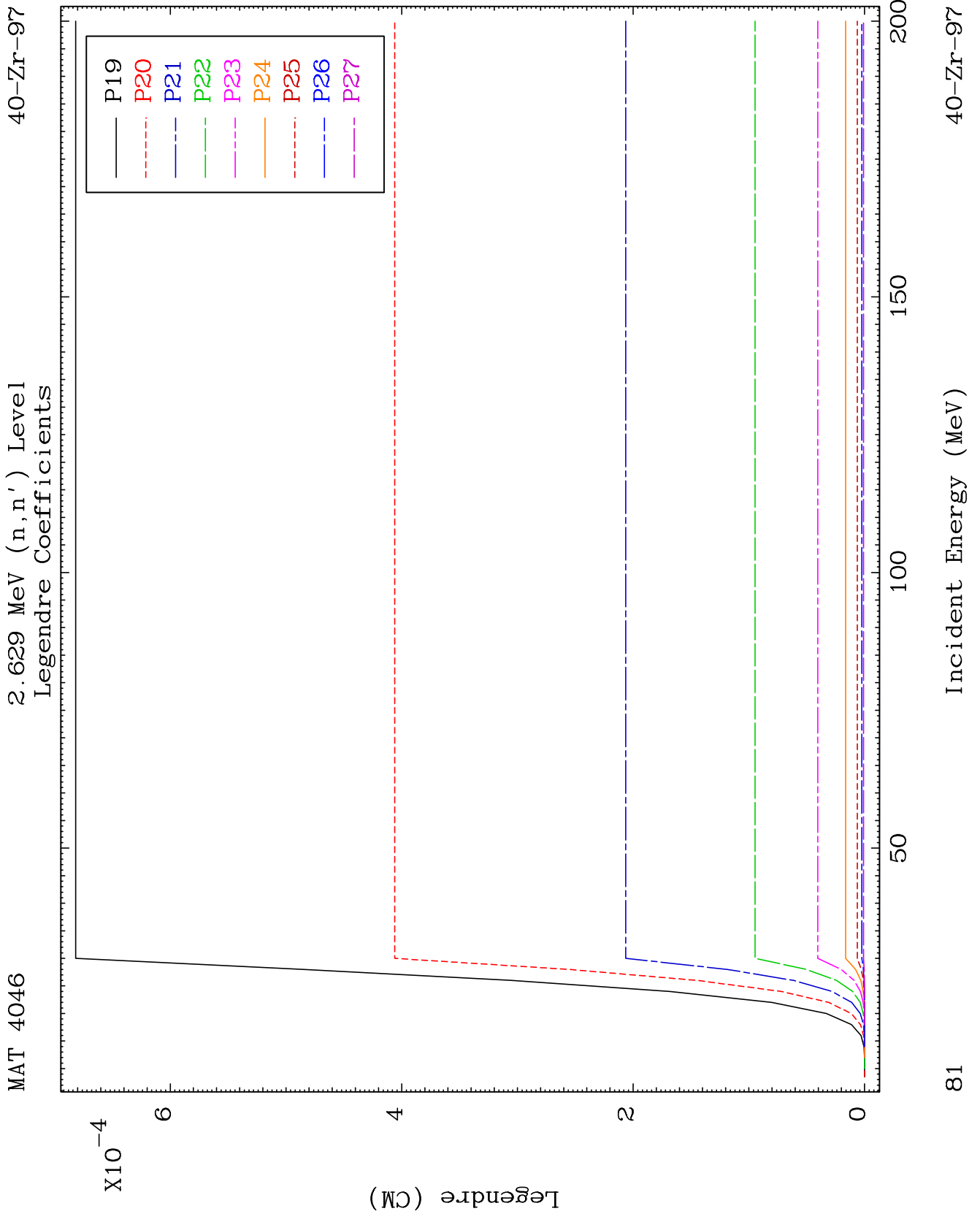
40-Zr-97

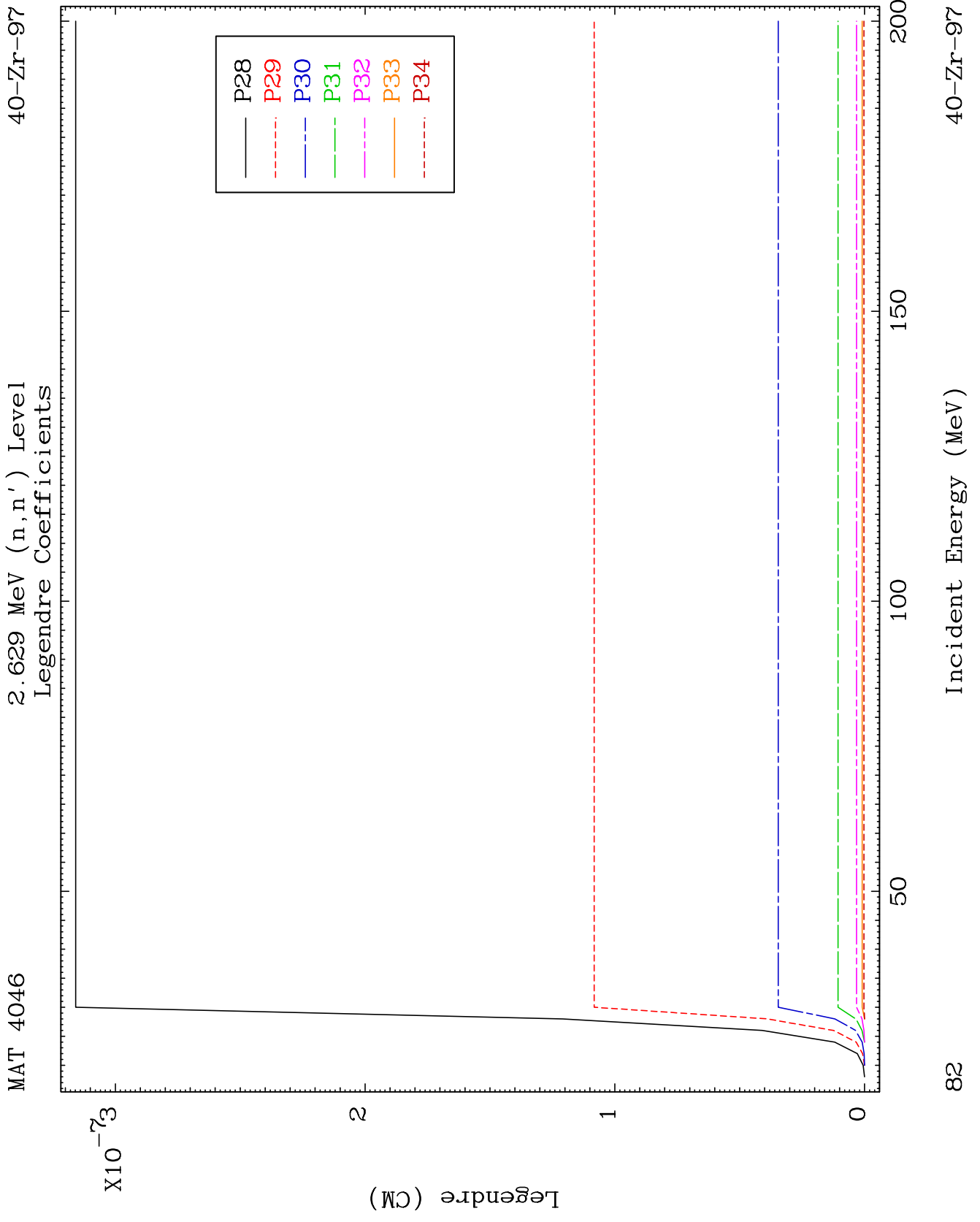


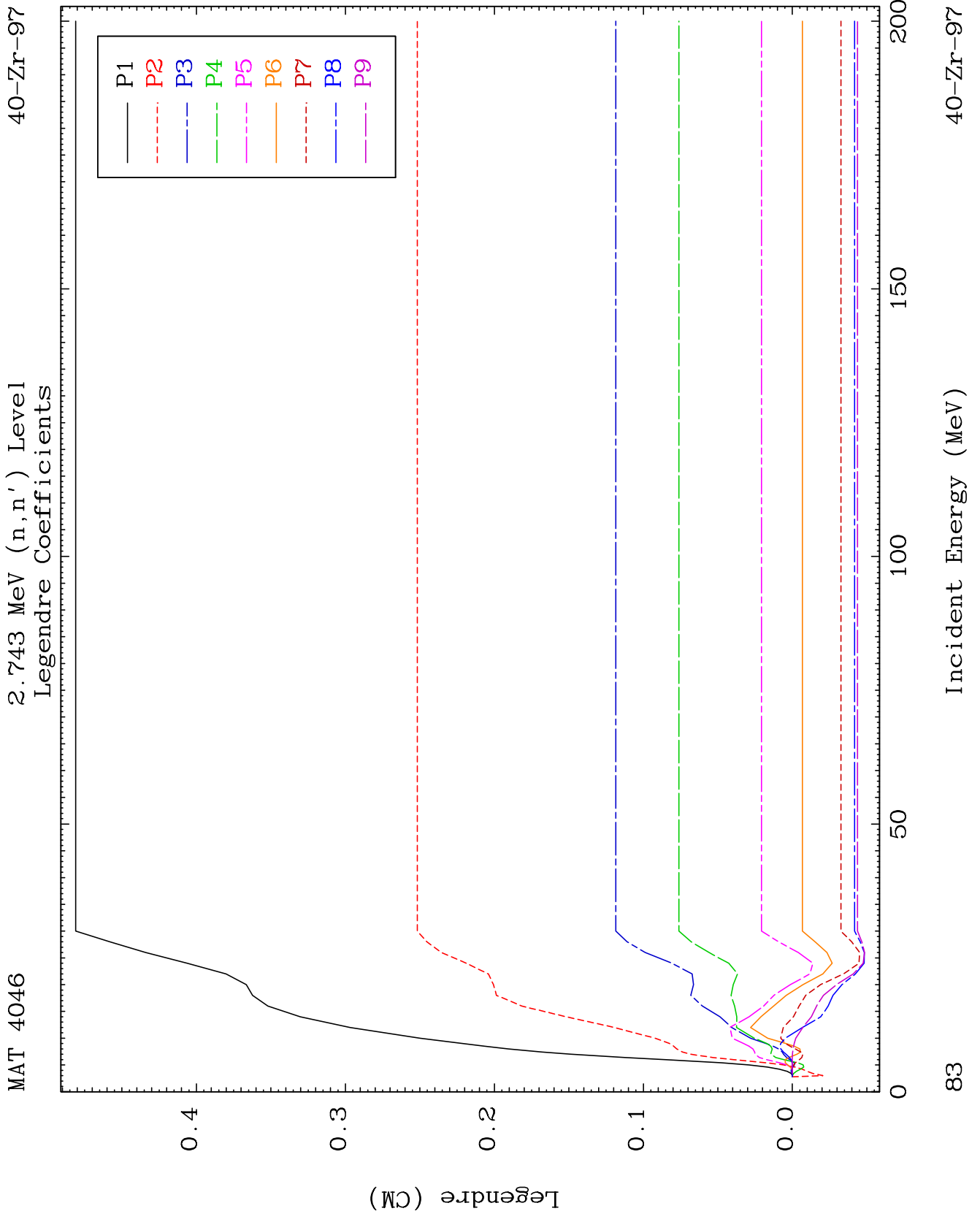
80

Incident Energy (MeV)

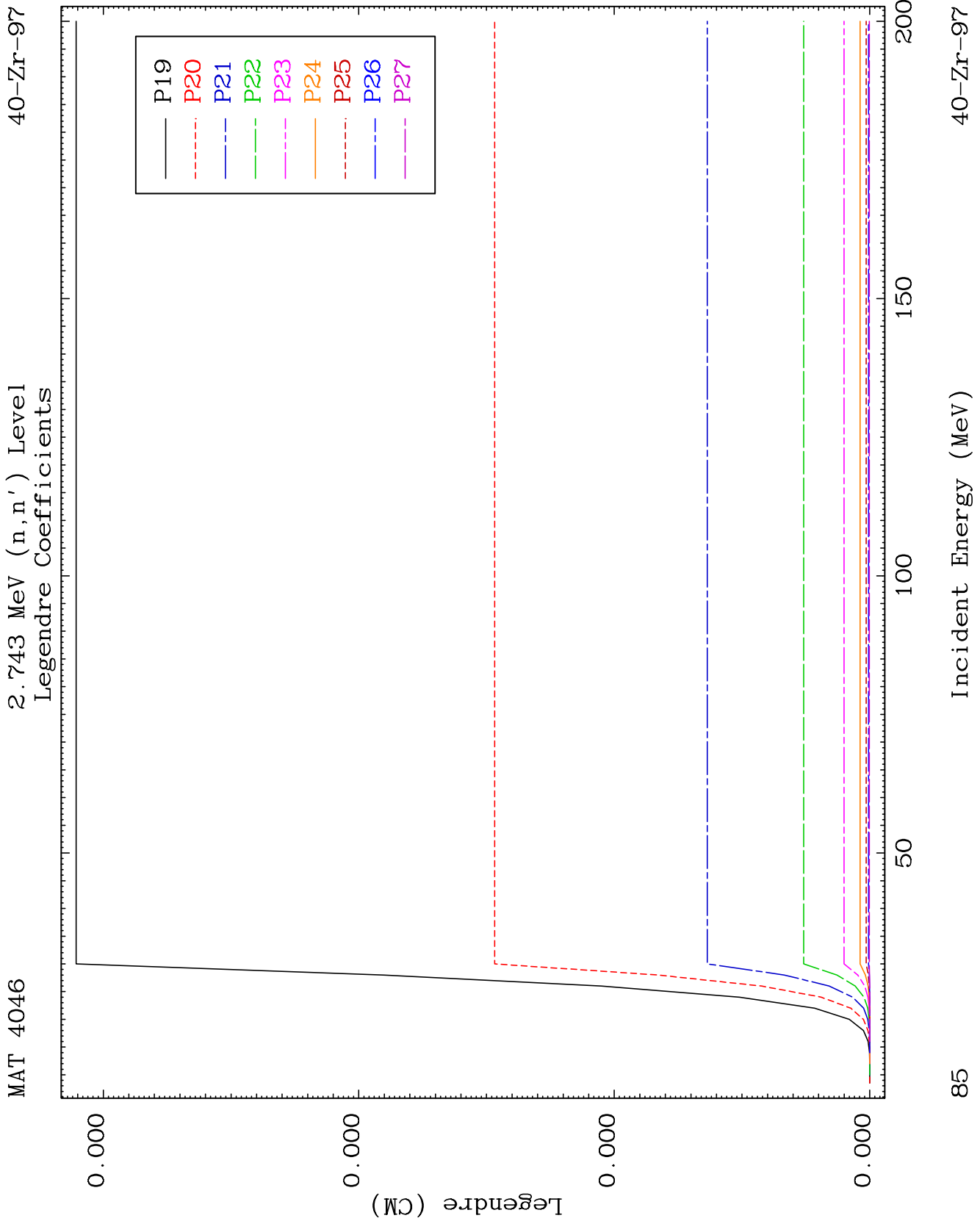
40-Zr-97

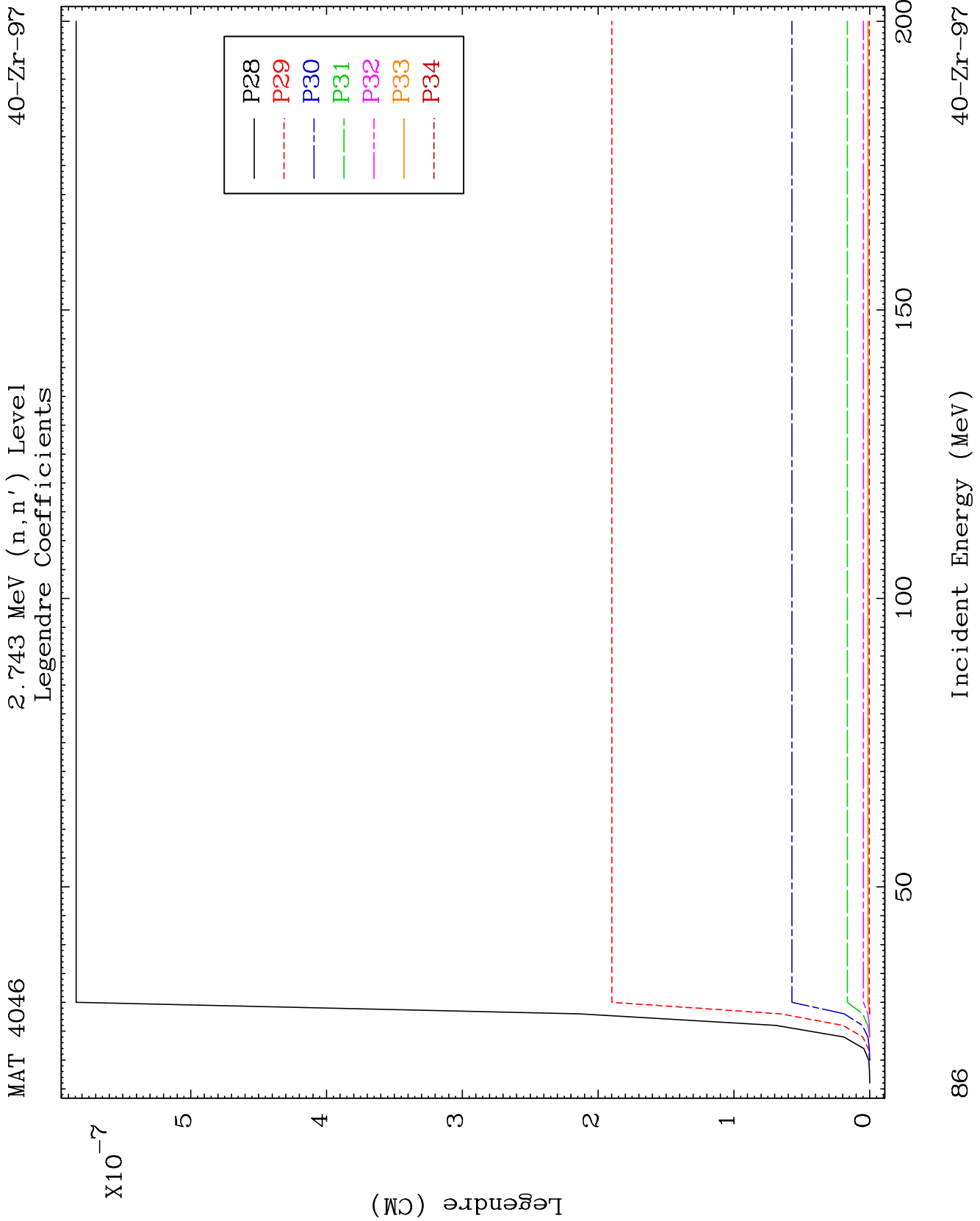


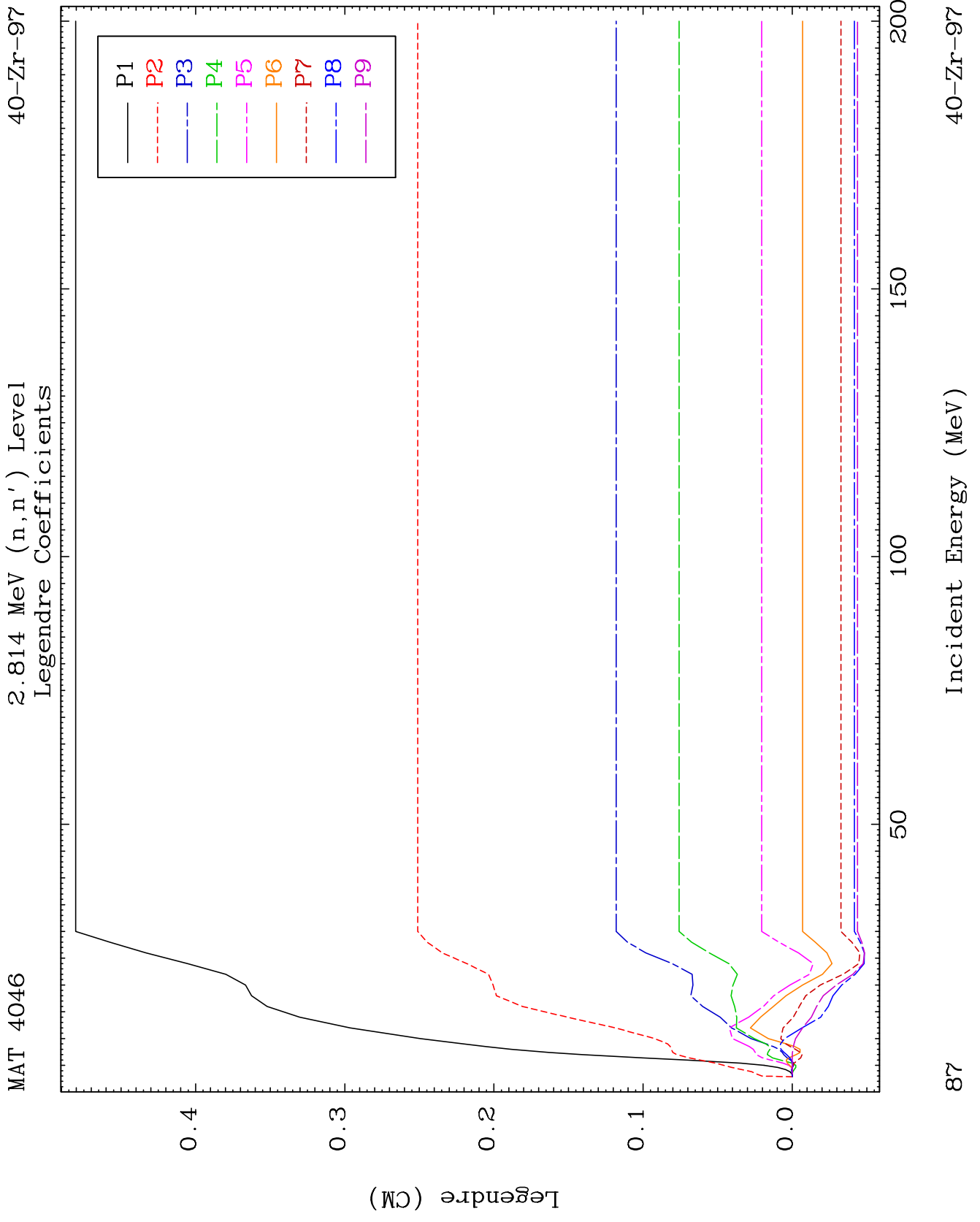




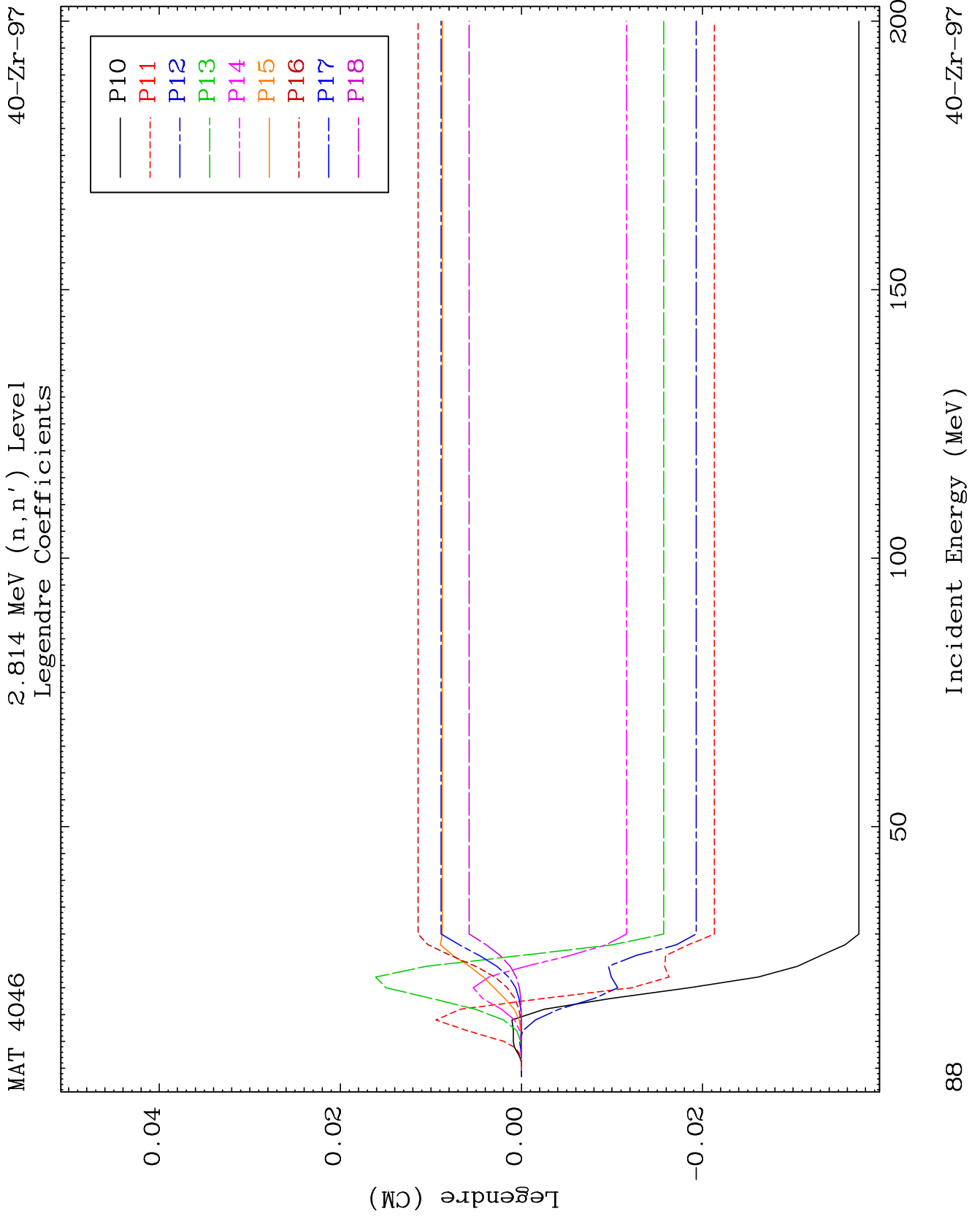


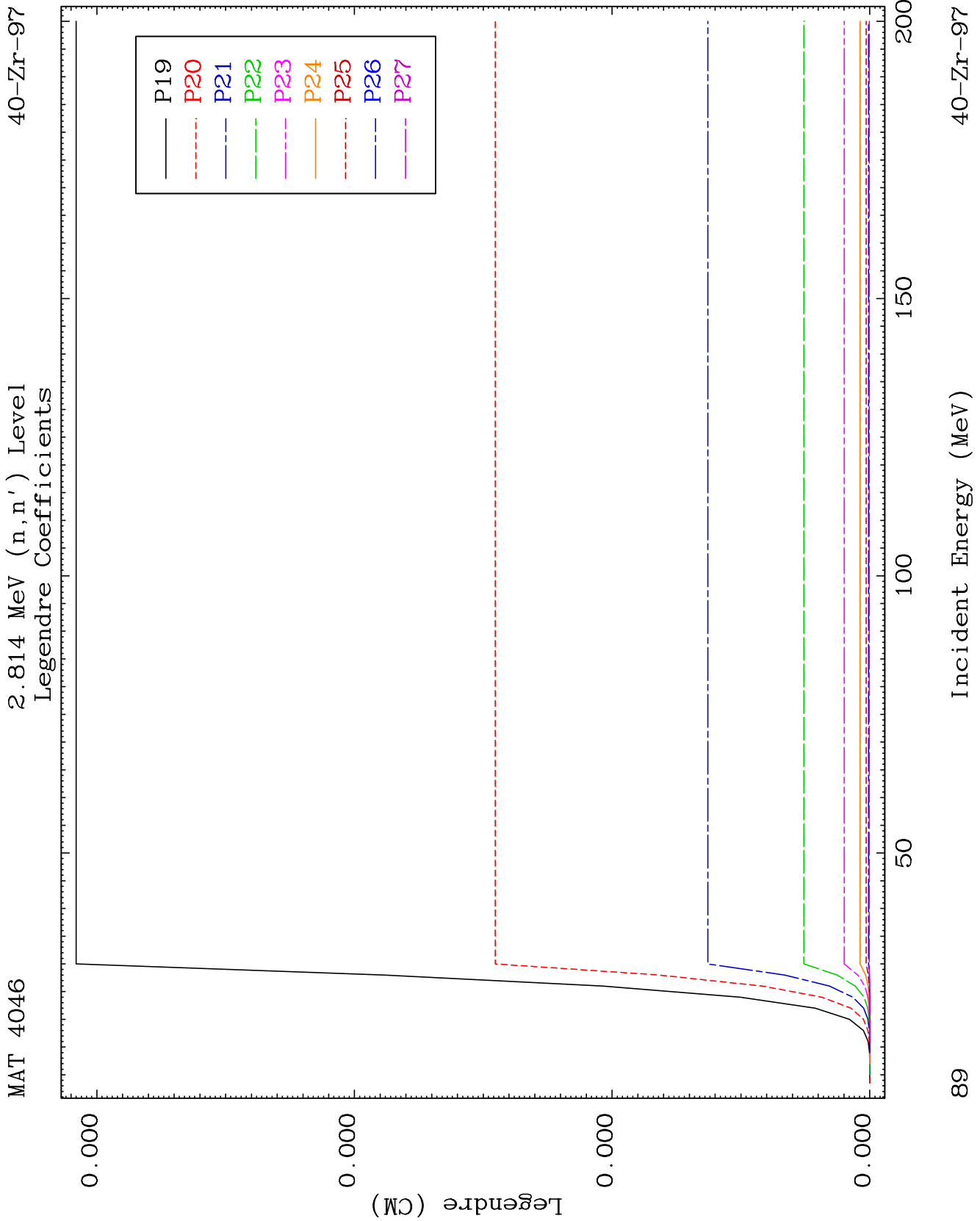


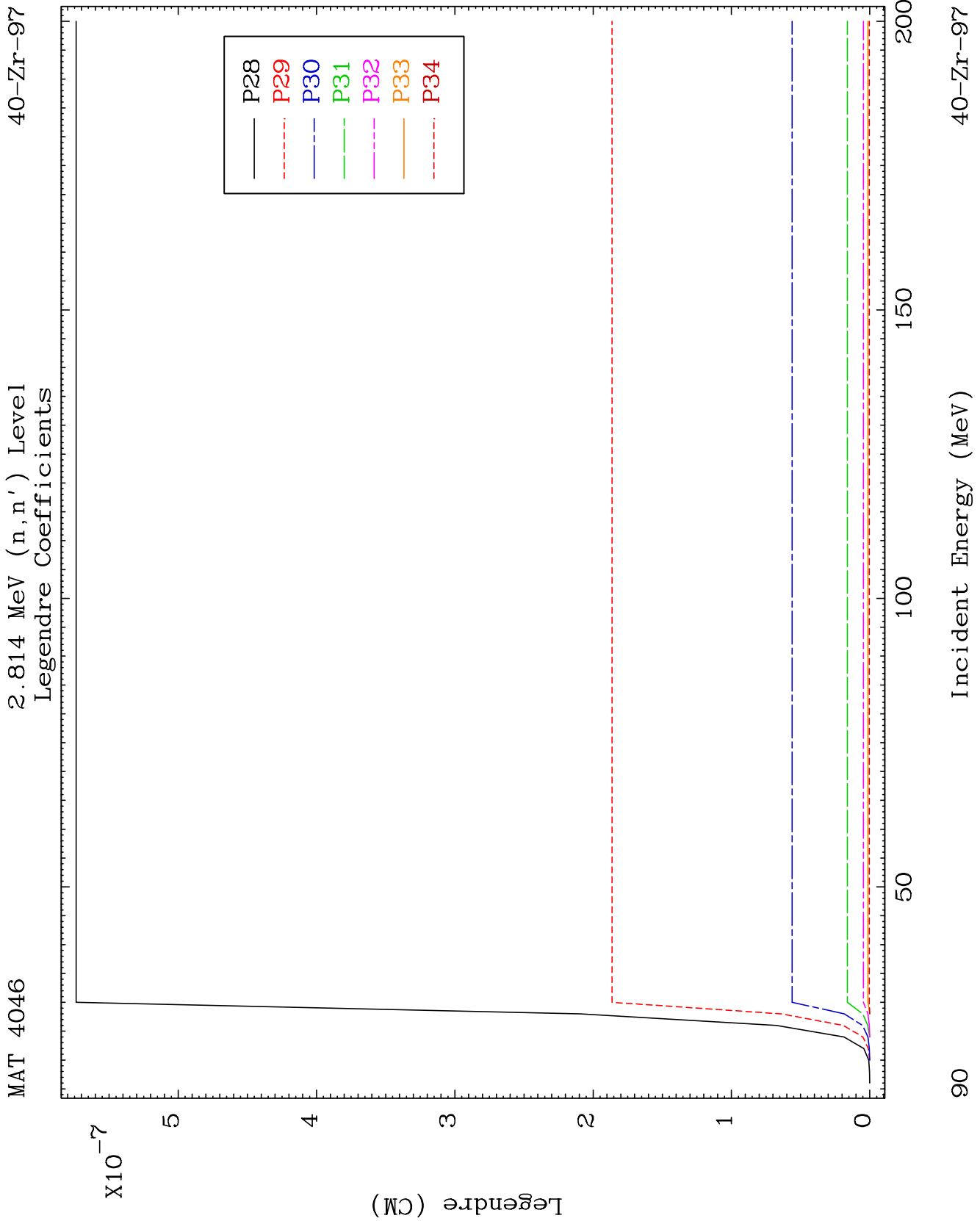




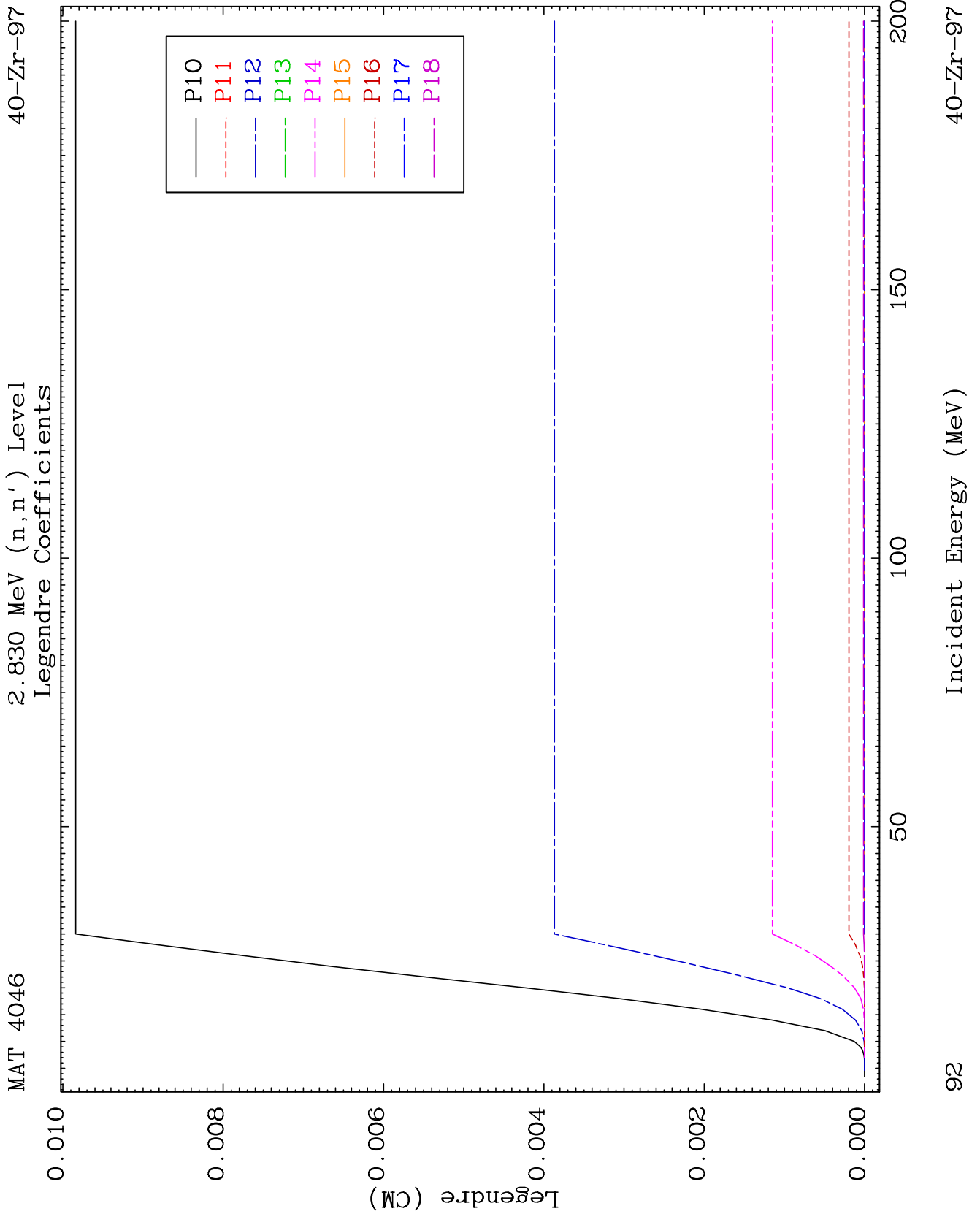












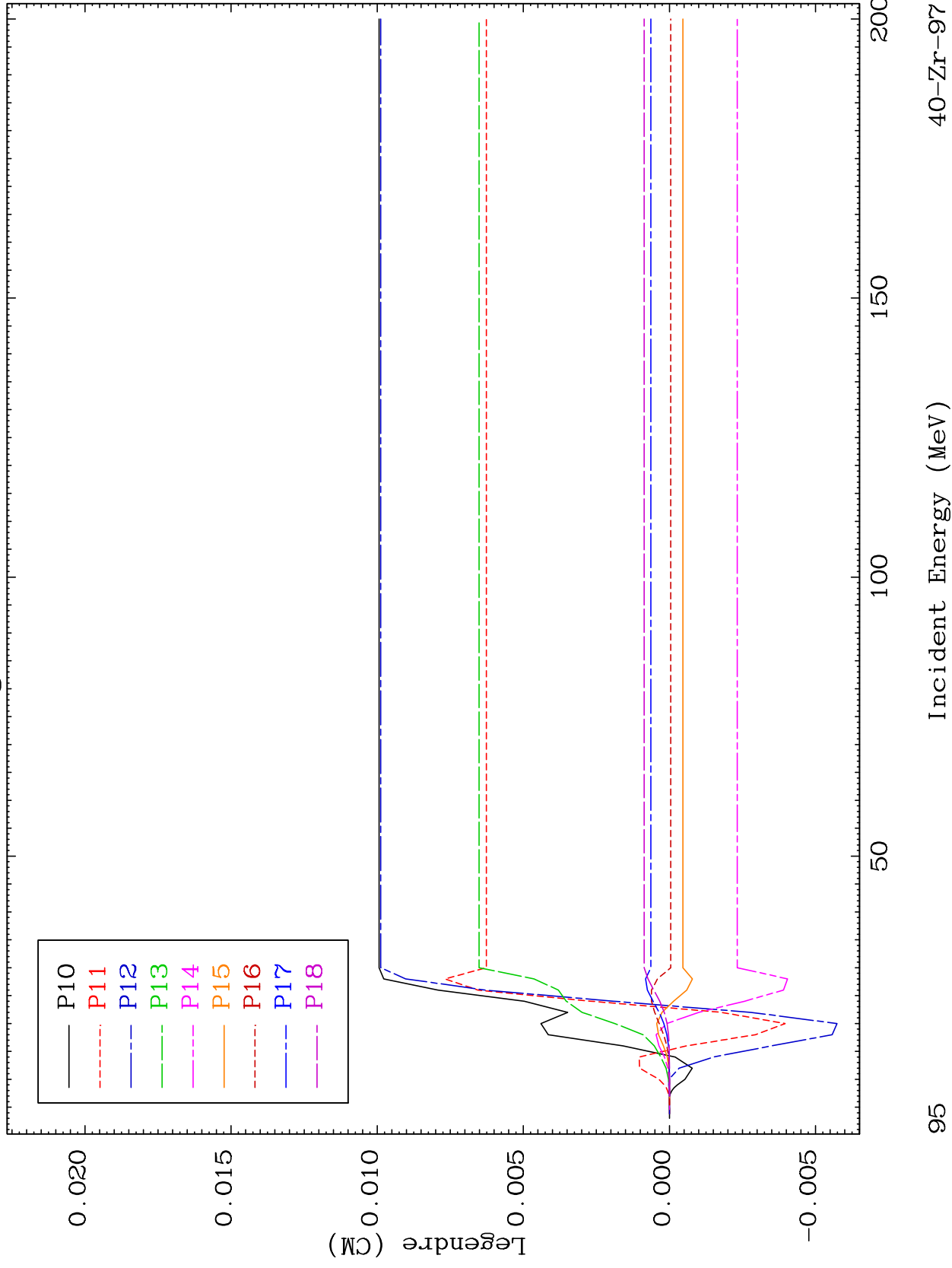




MAT 4046

2.839 MeV (n,n') Level  
Legendre Coefficients

40-Zr-97



95

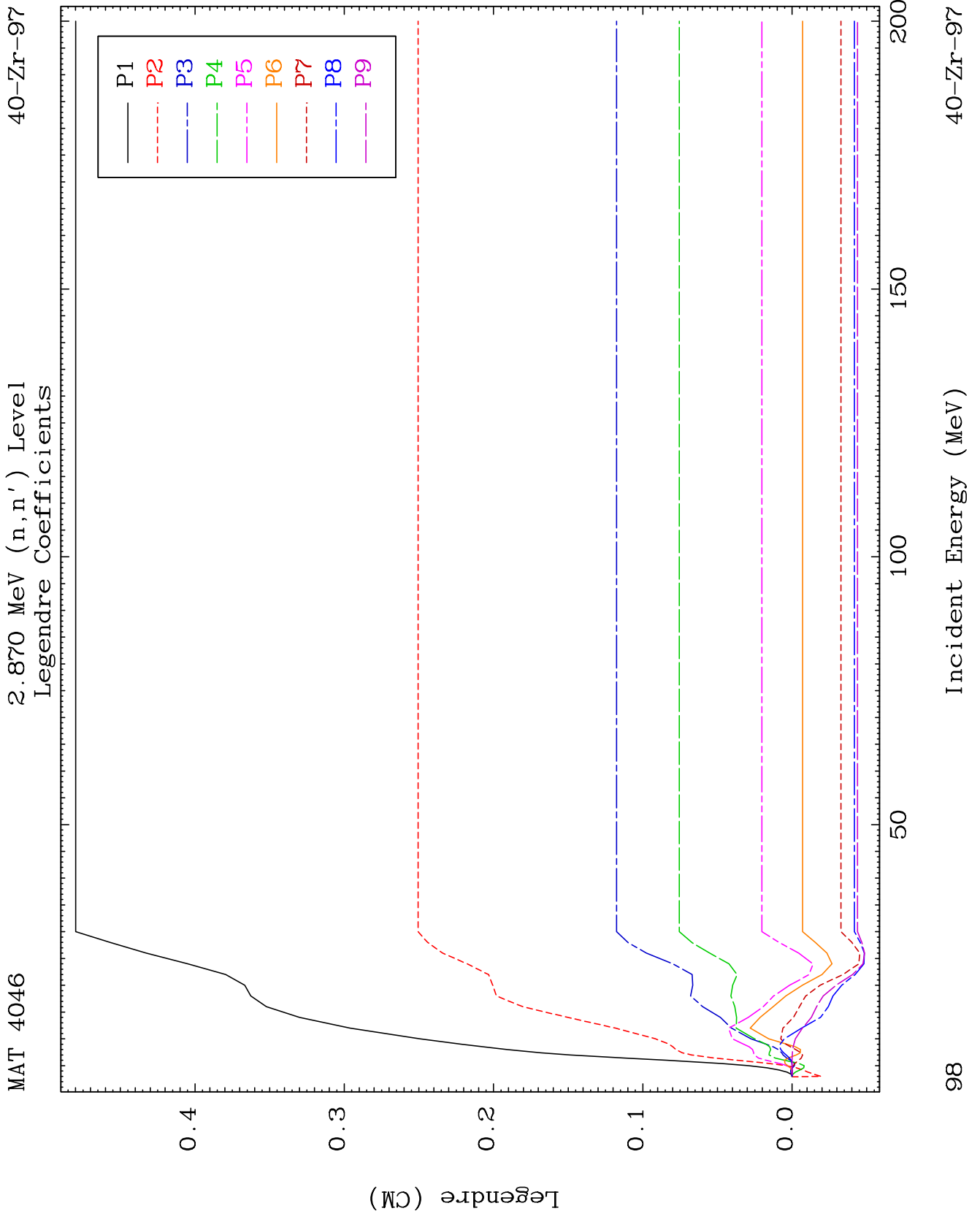
Incident Energy (MeV)

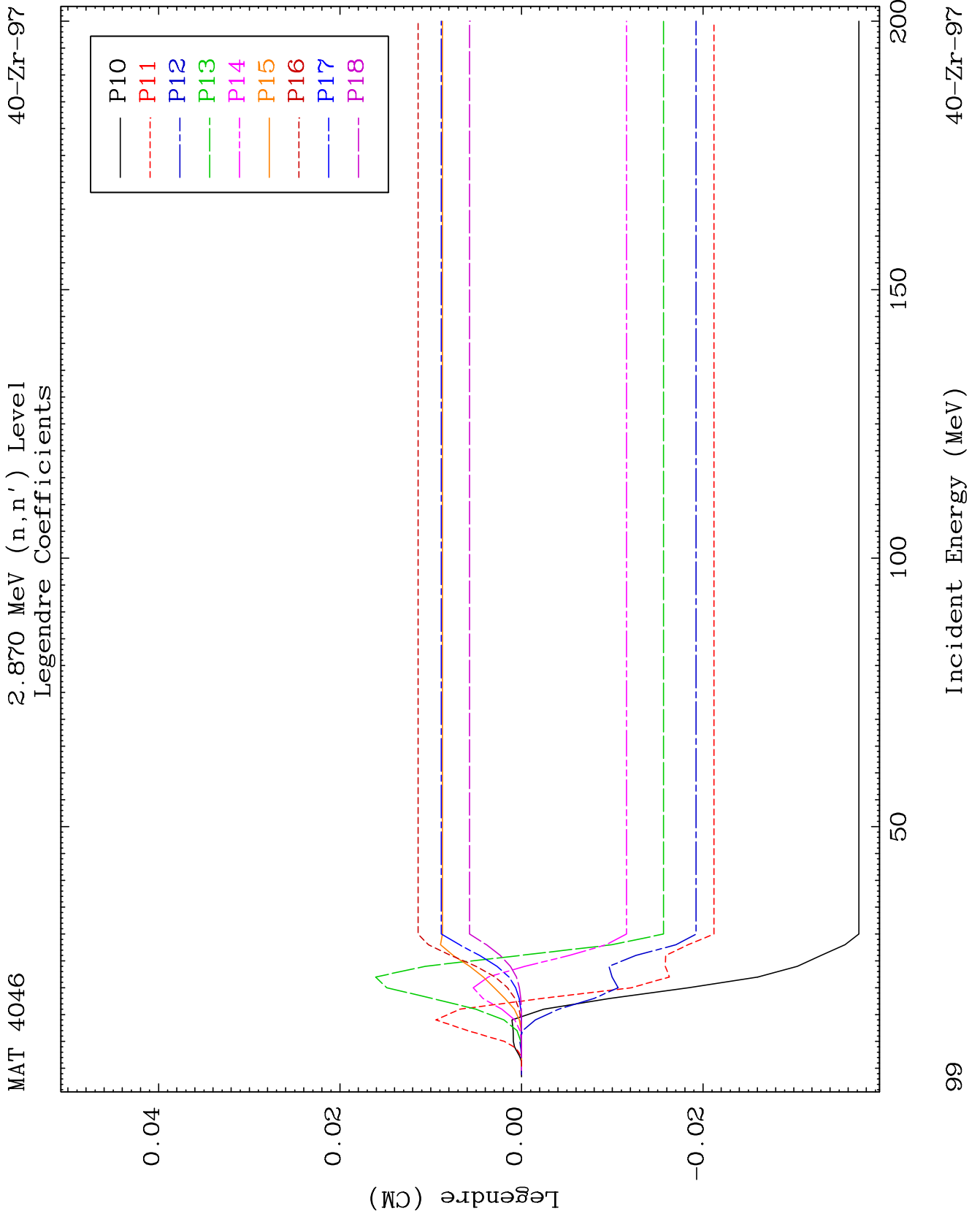
40-Zr-97

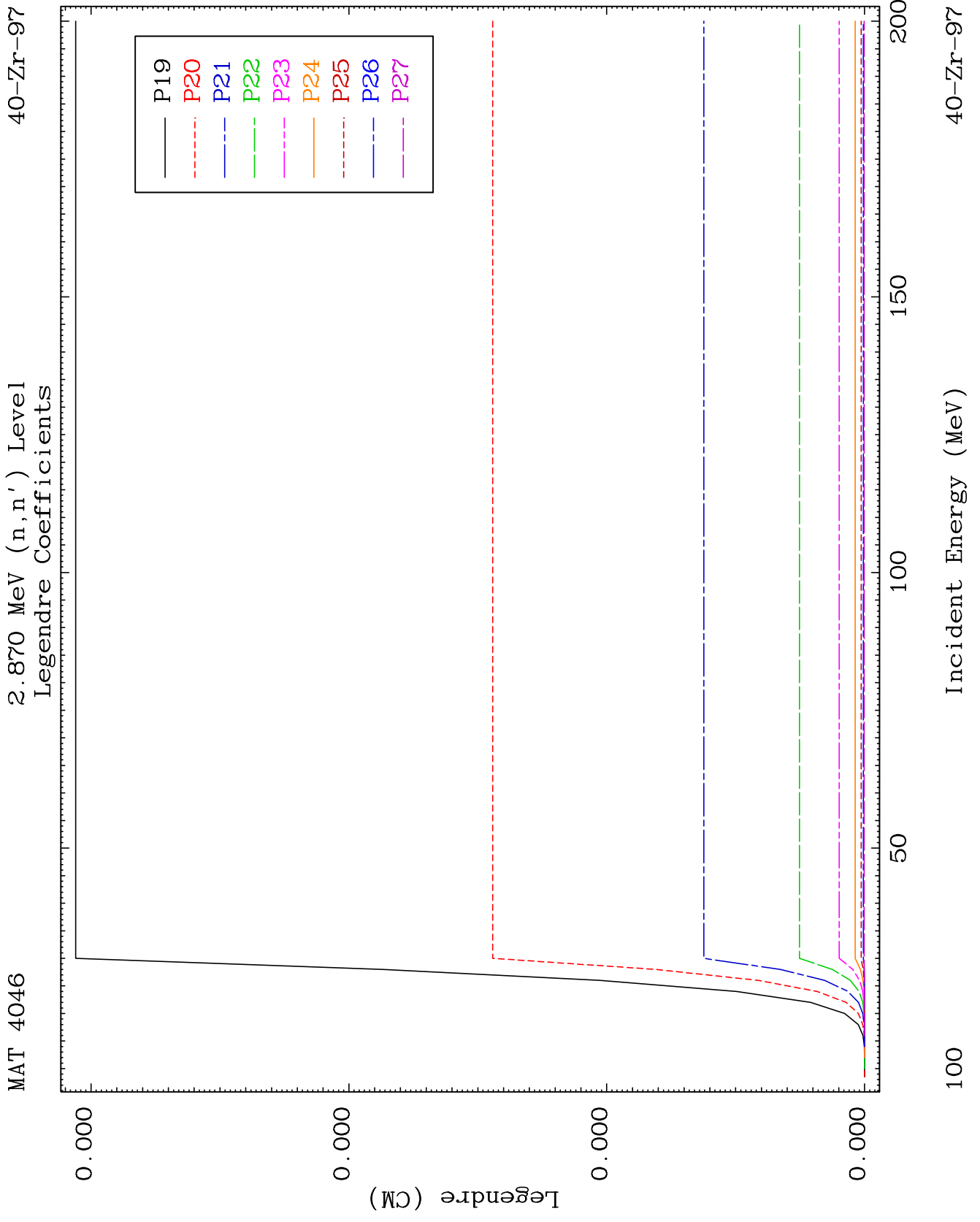


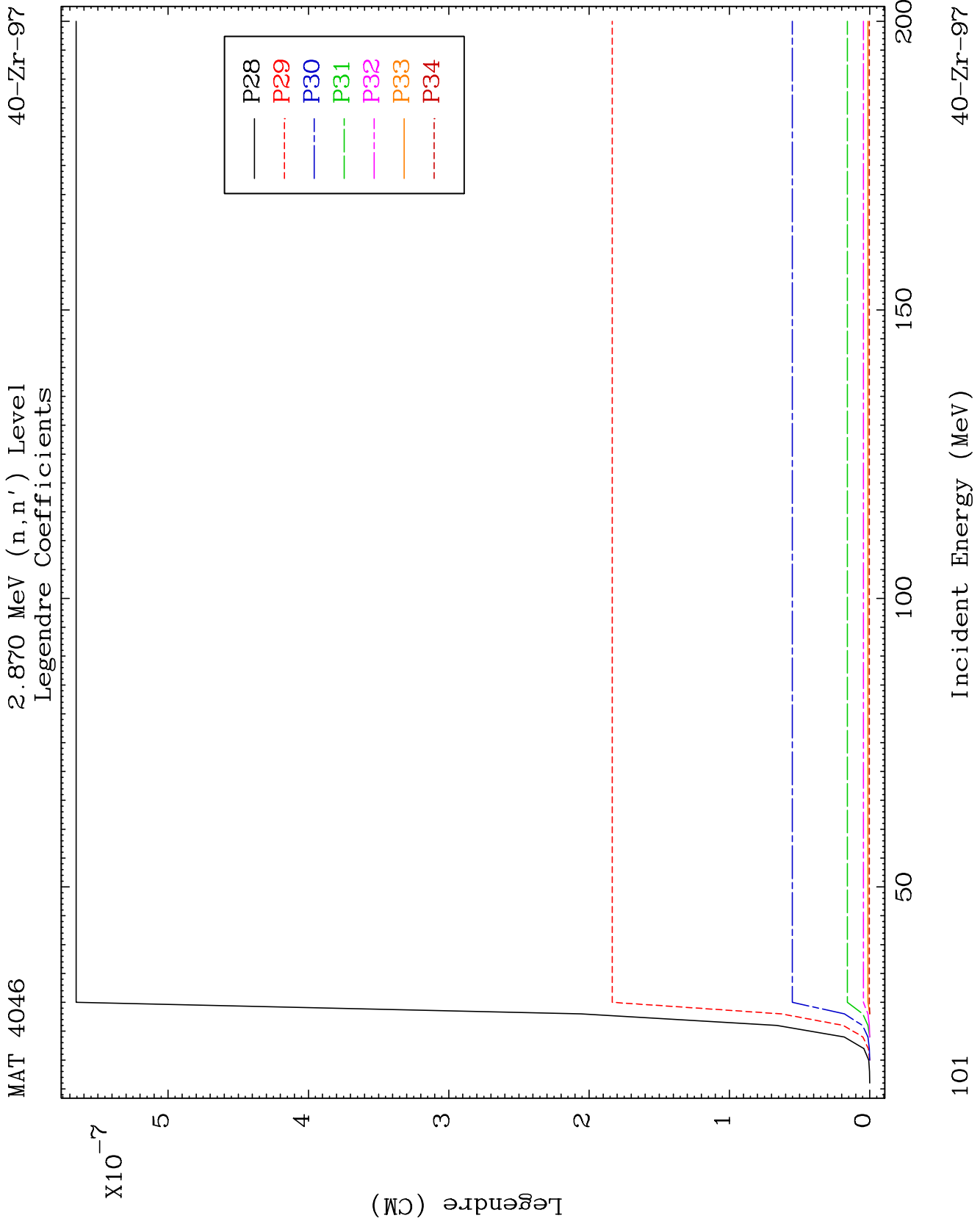


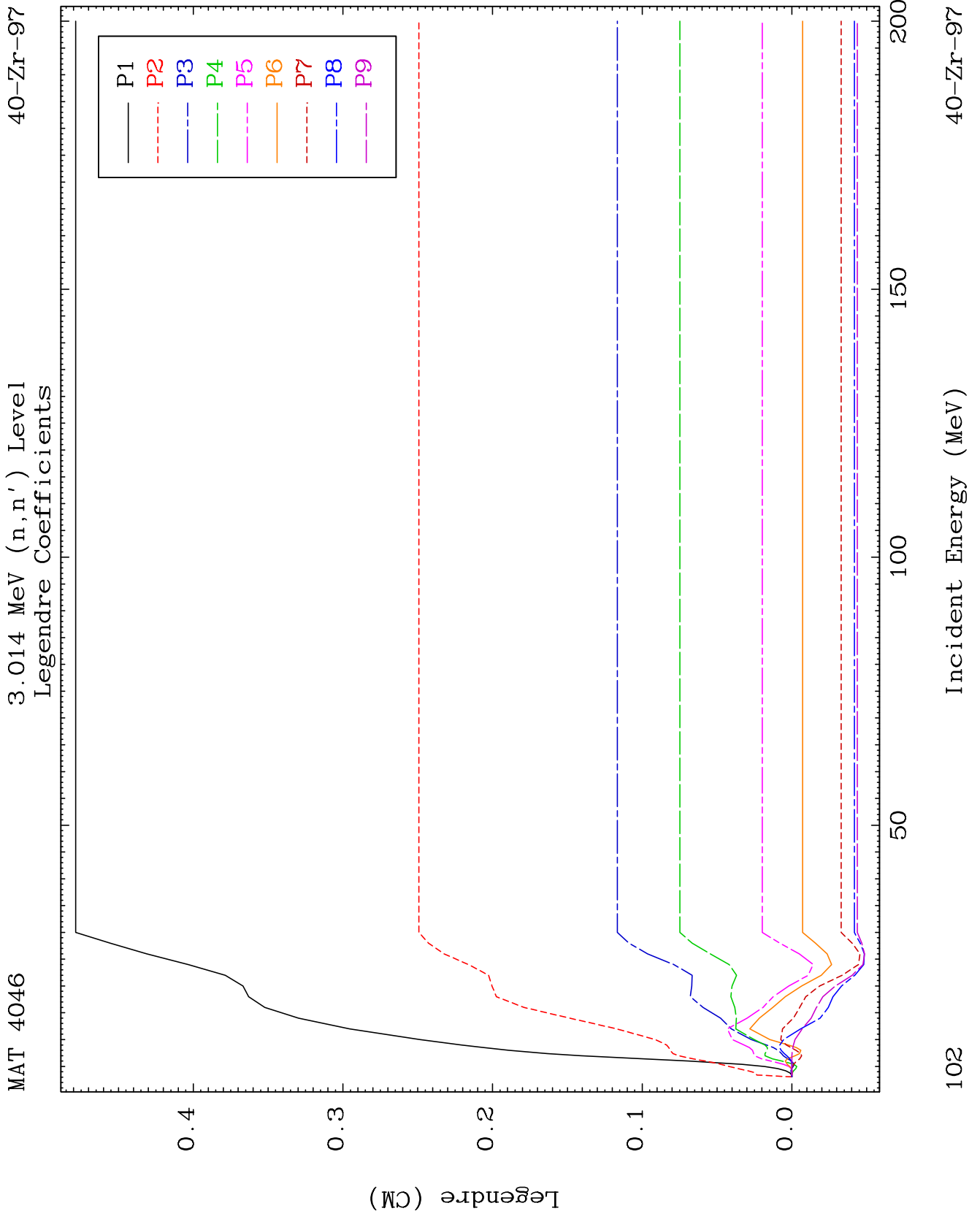


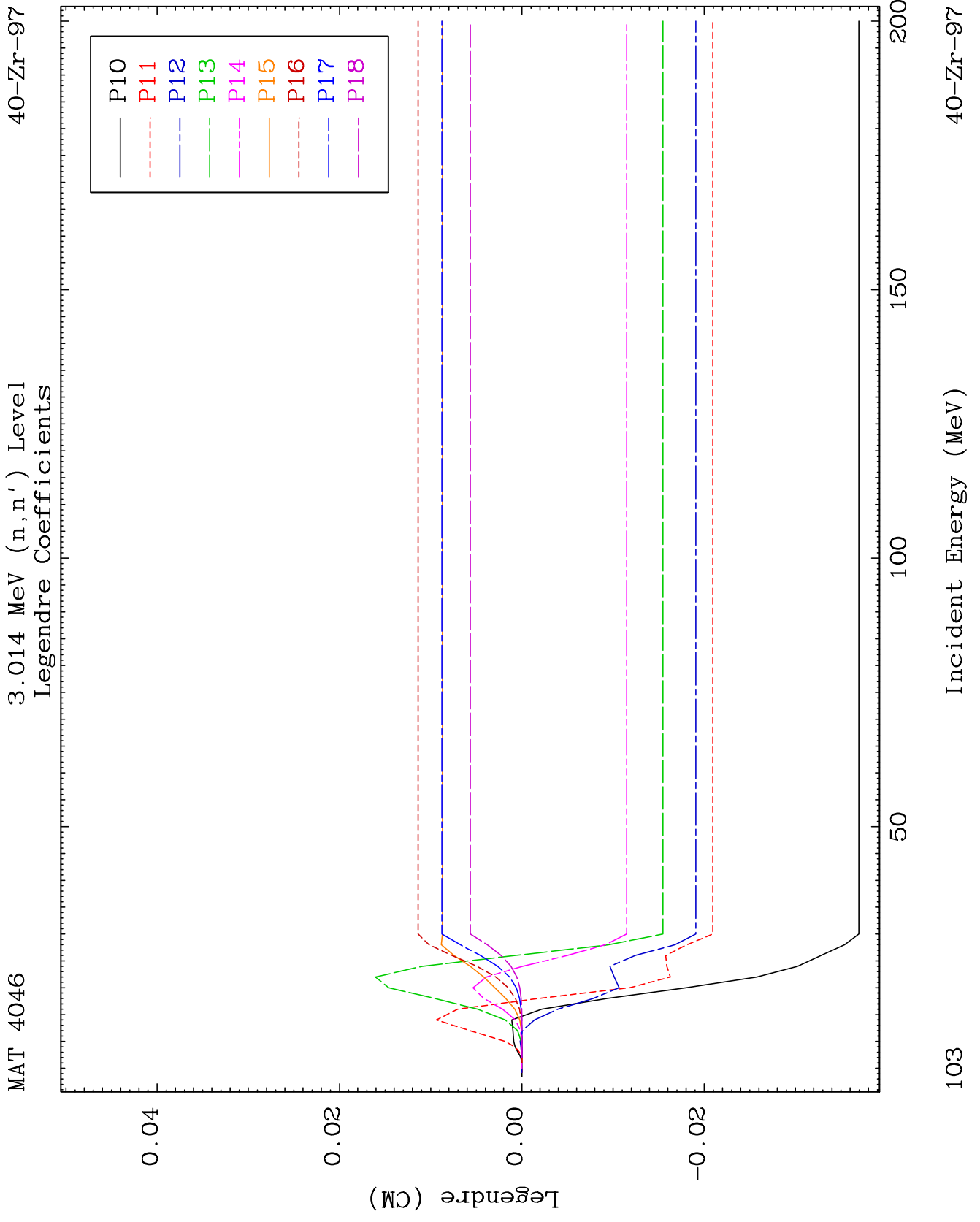




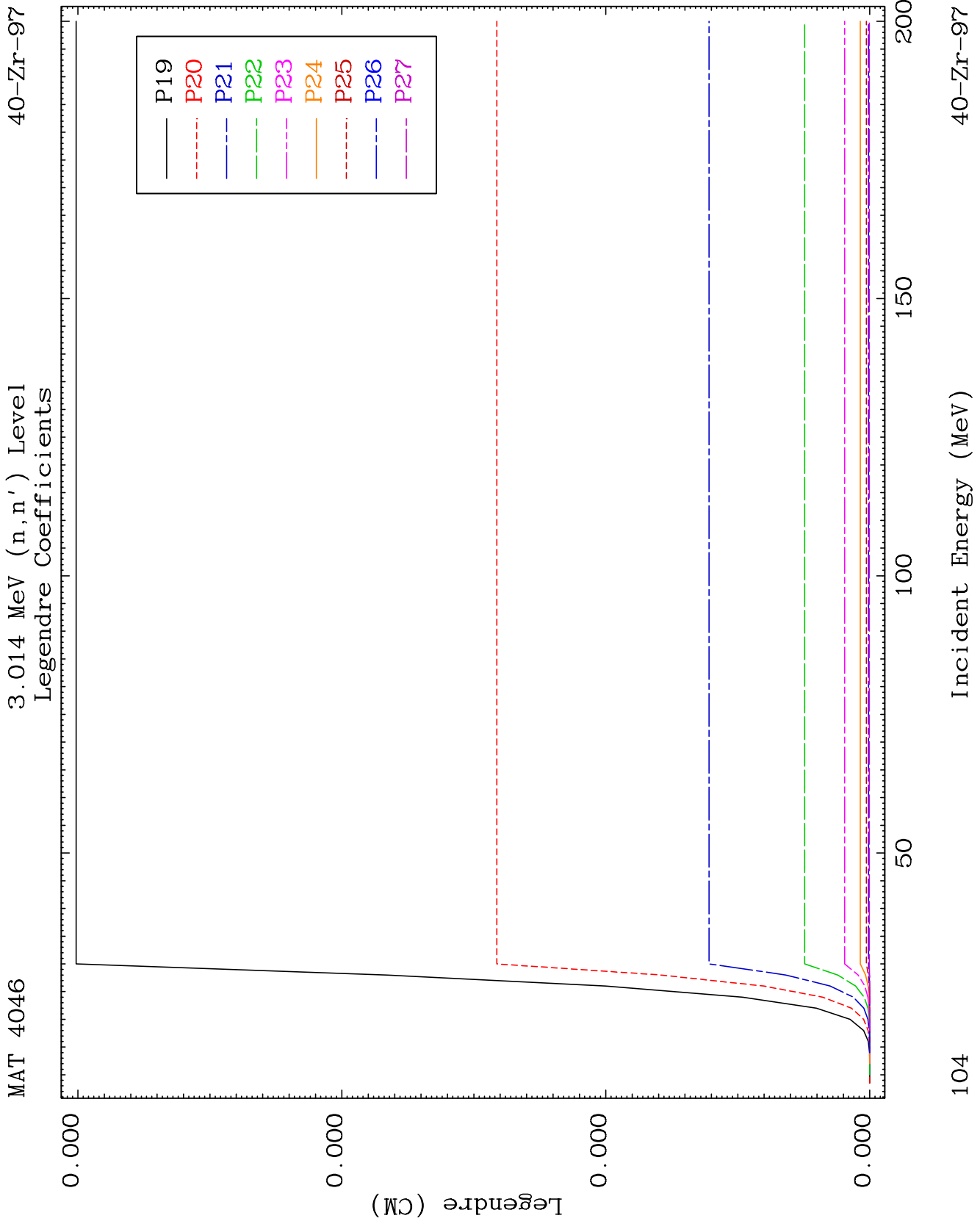


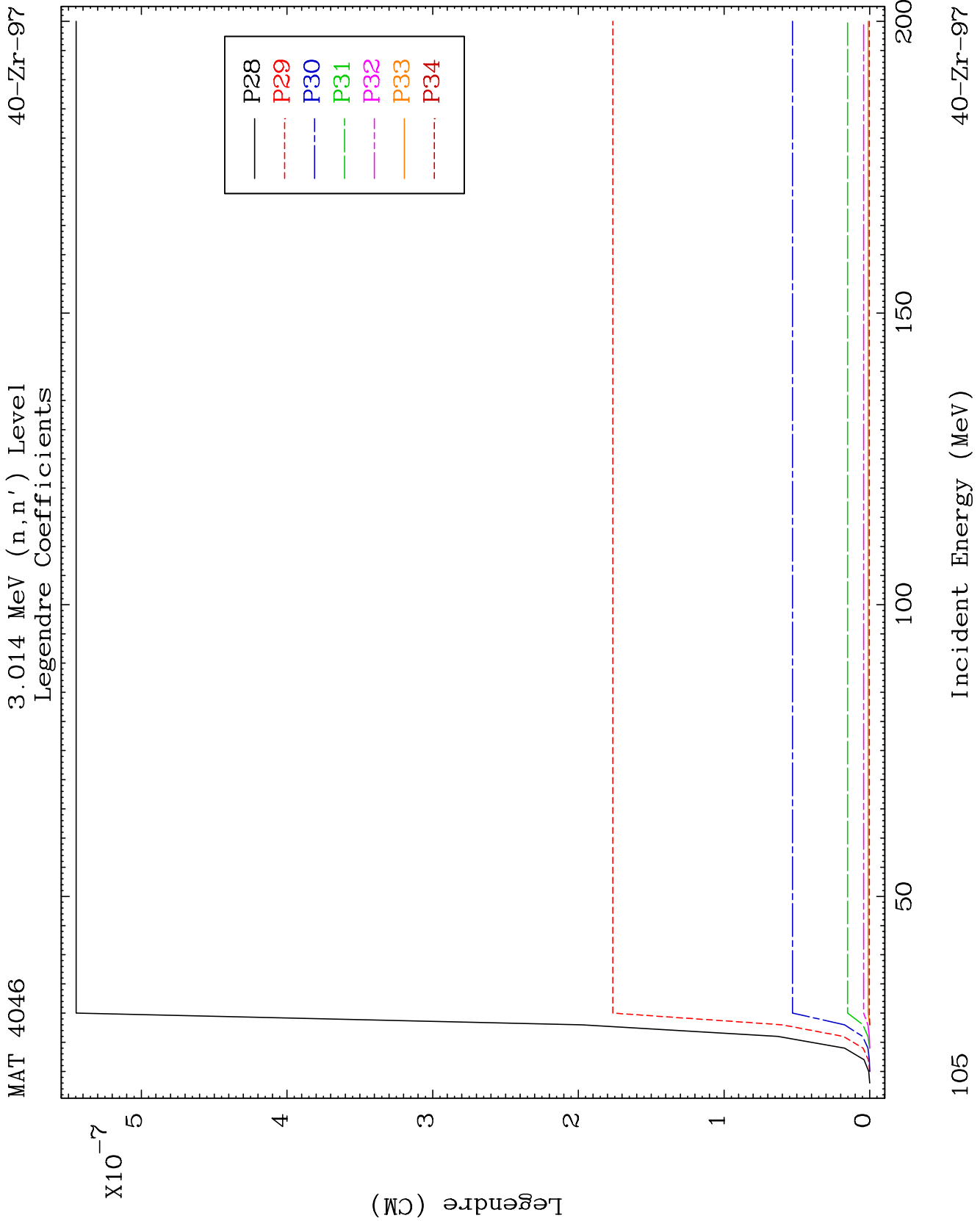




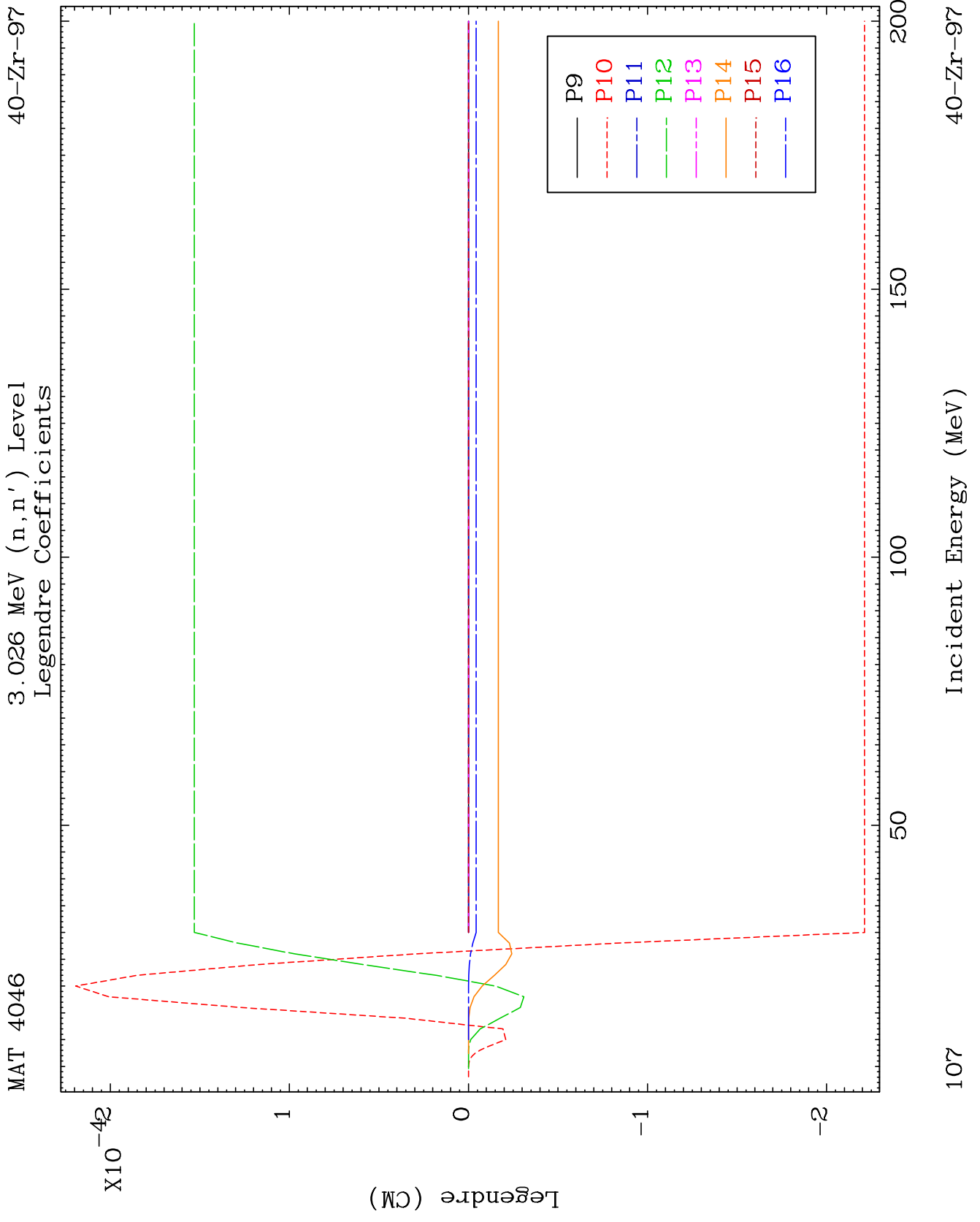


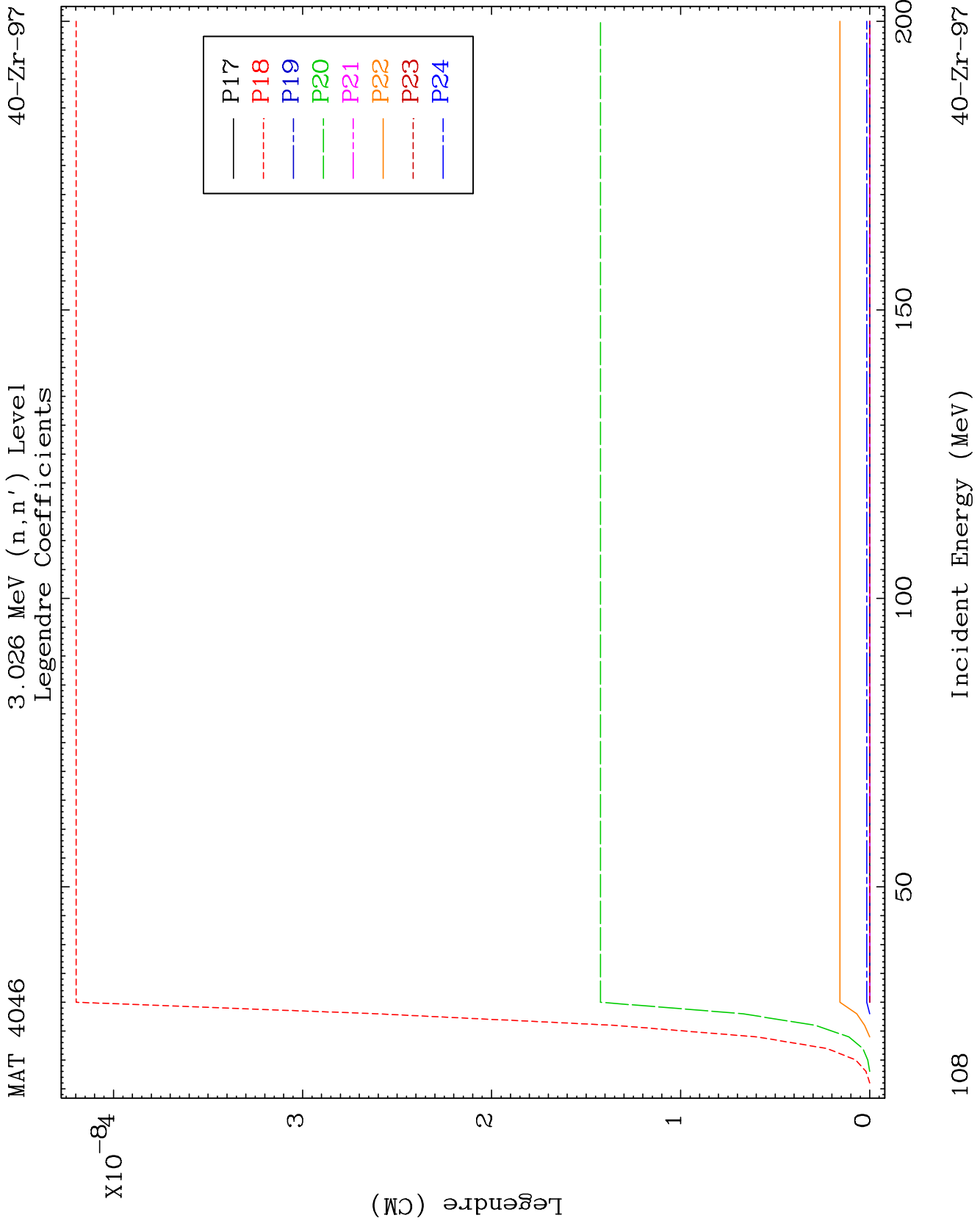


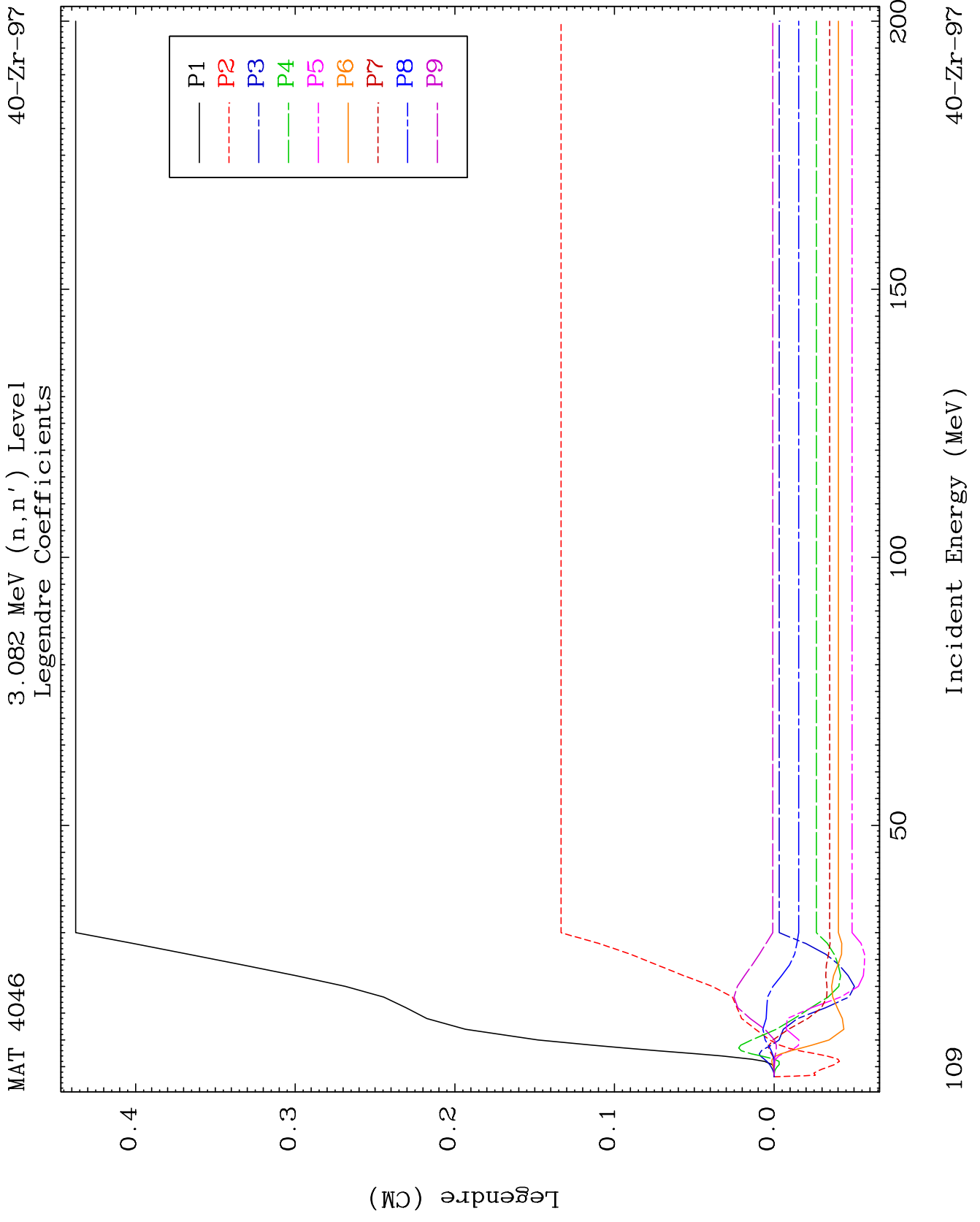


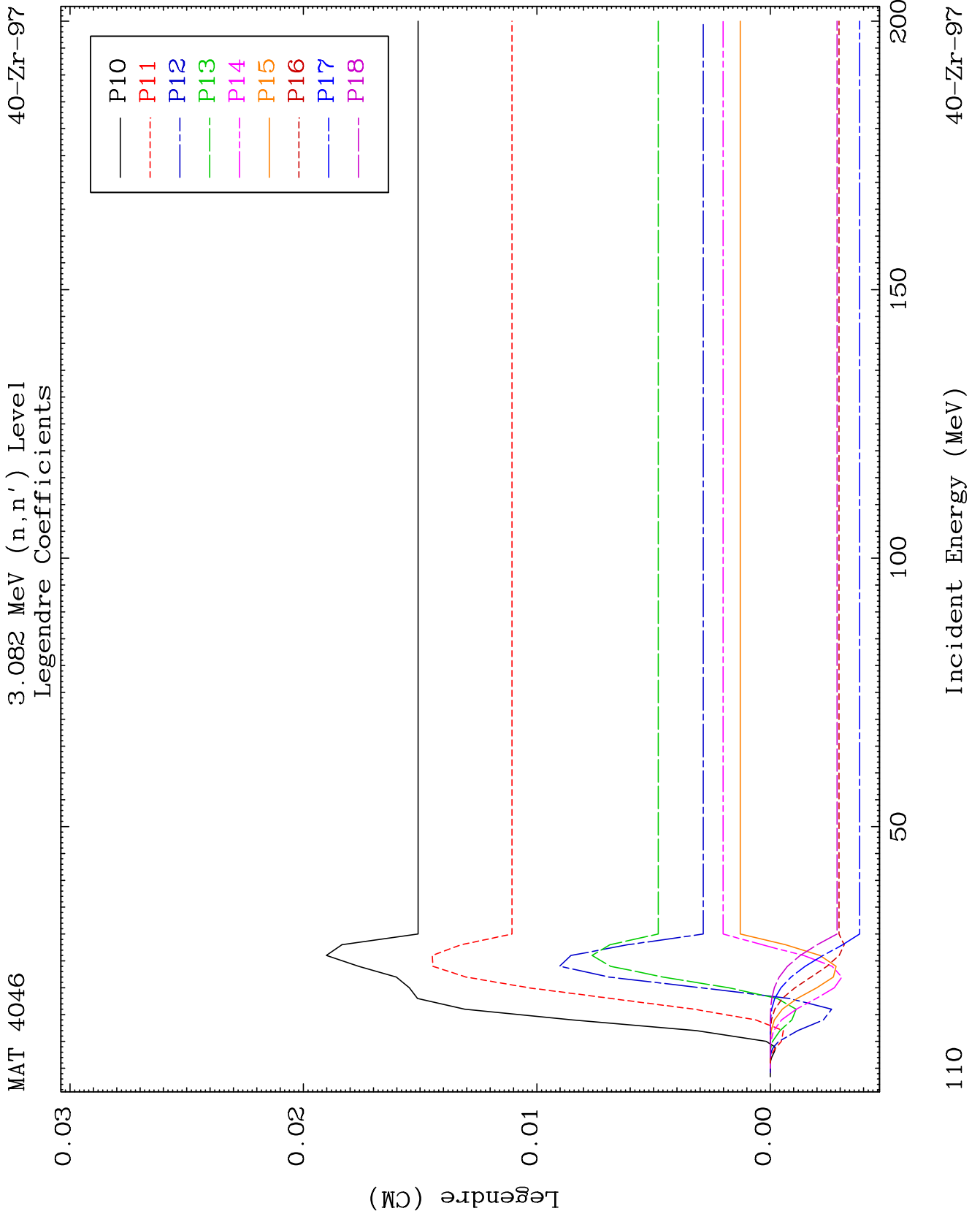


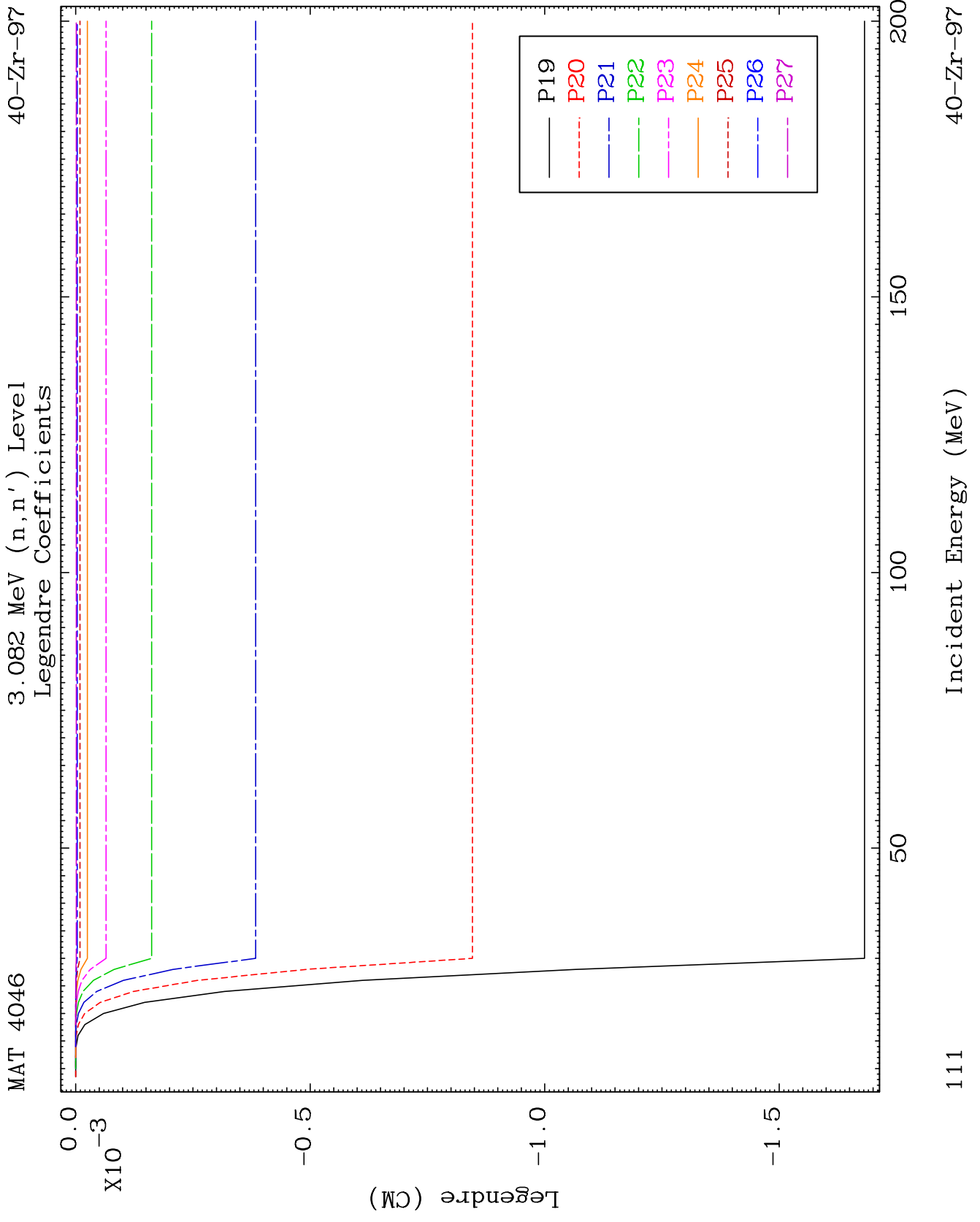




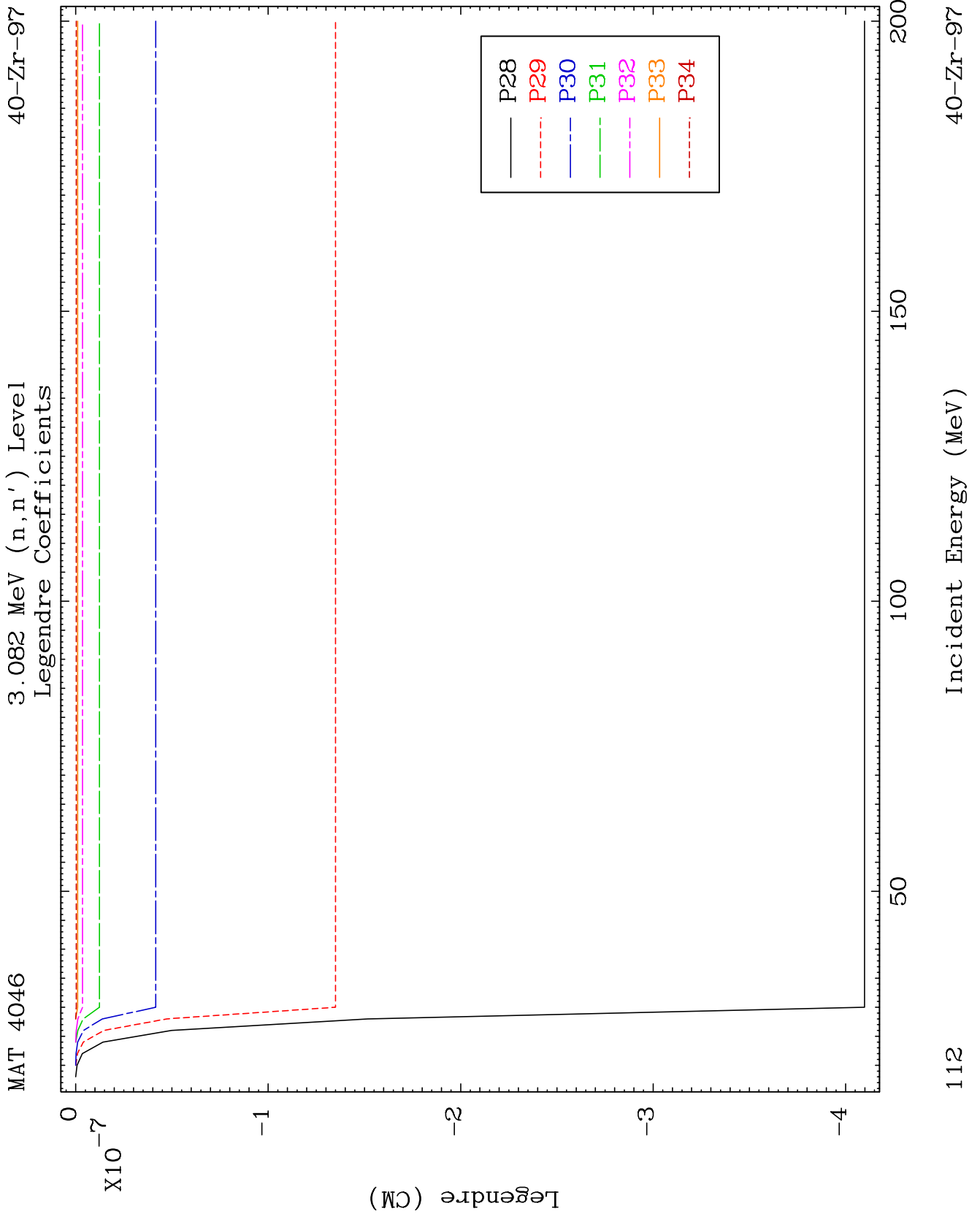


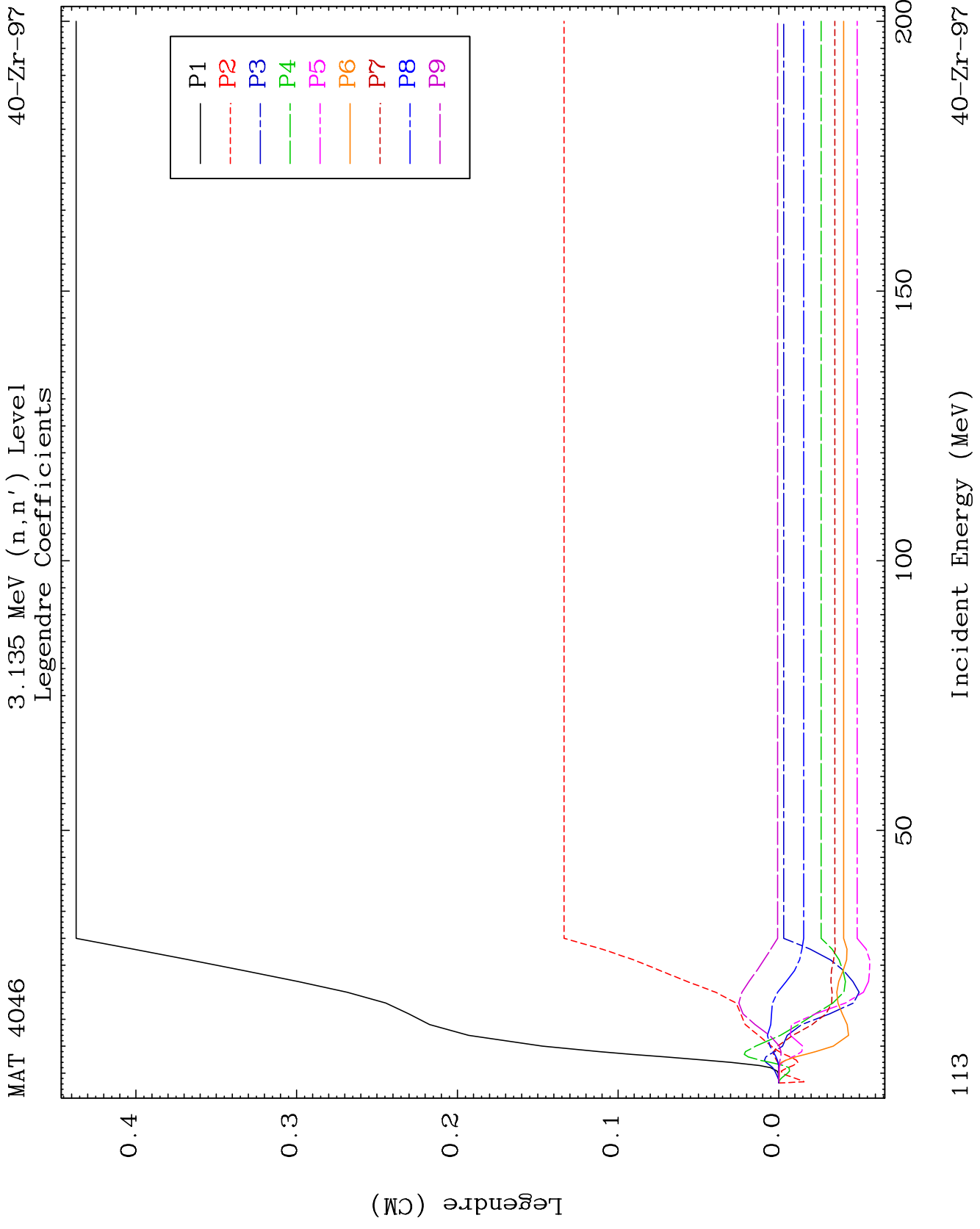


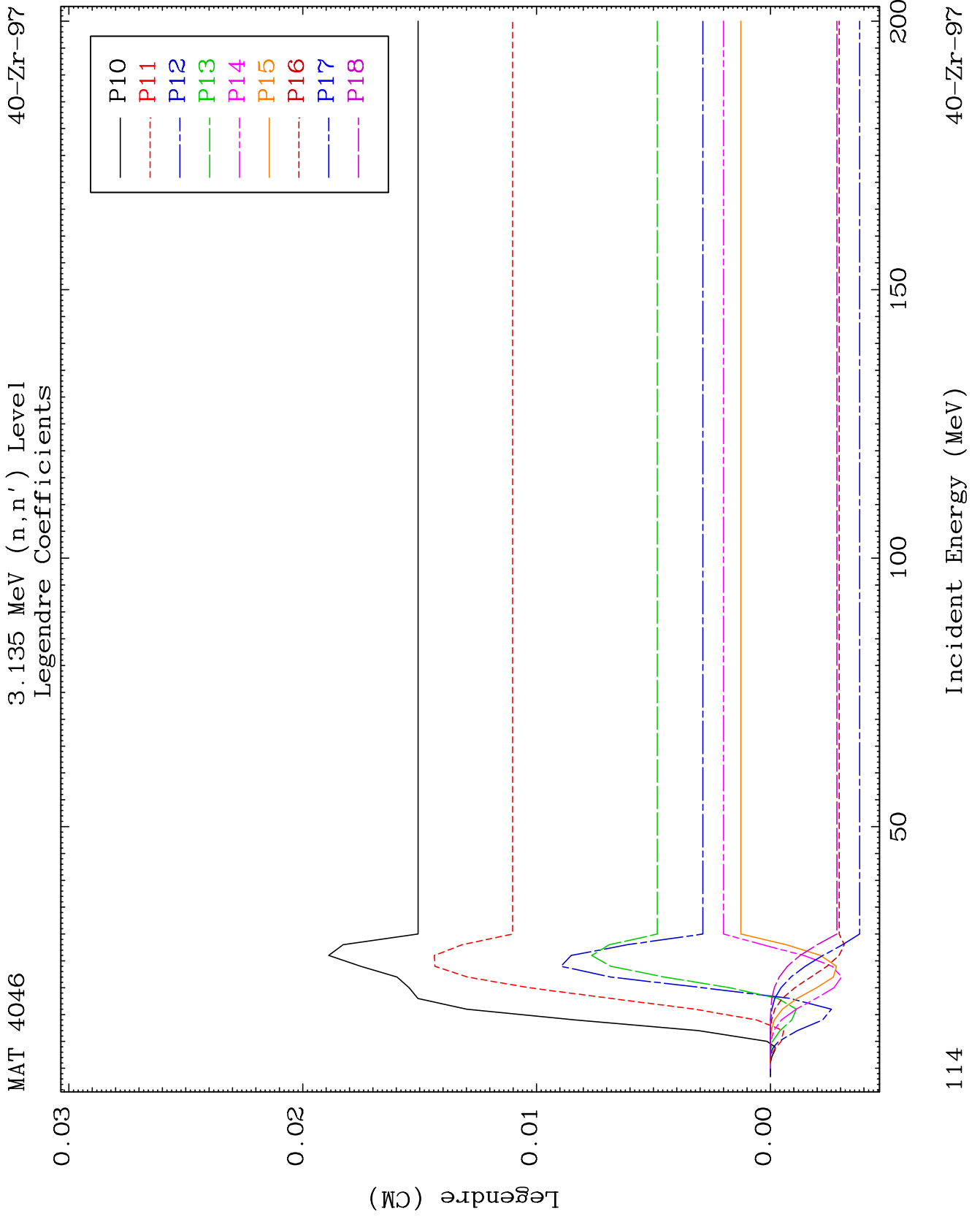


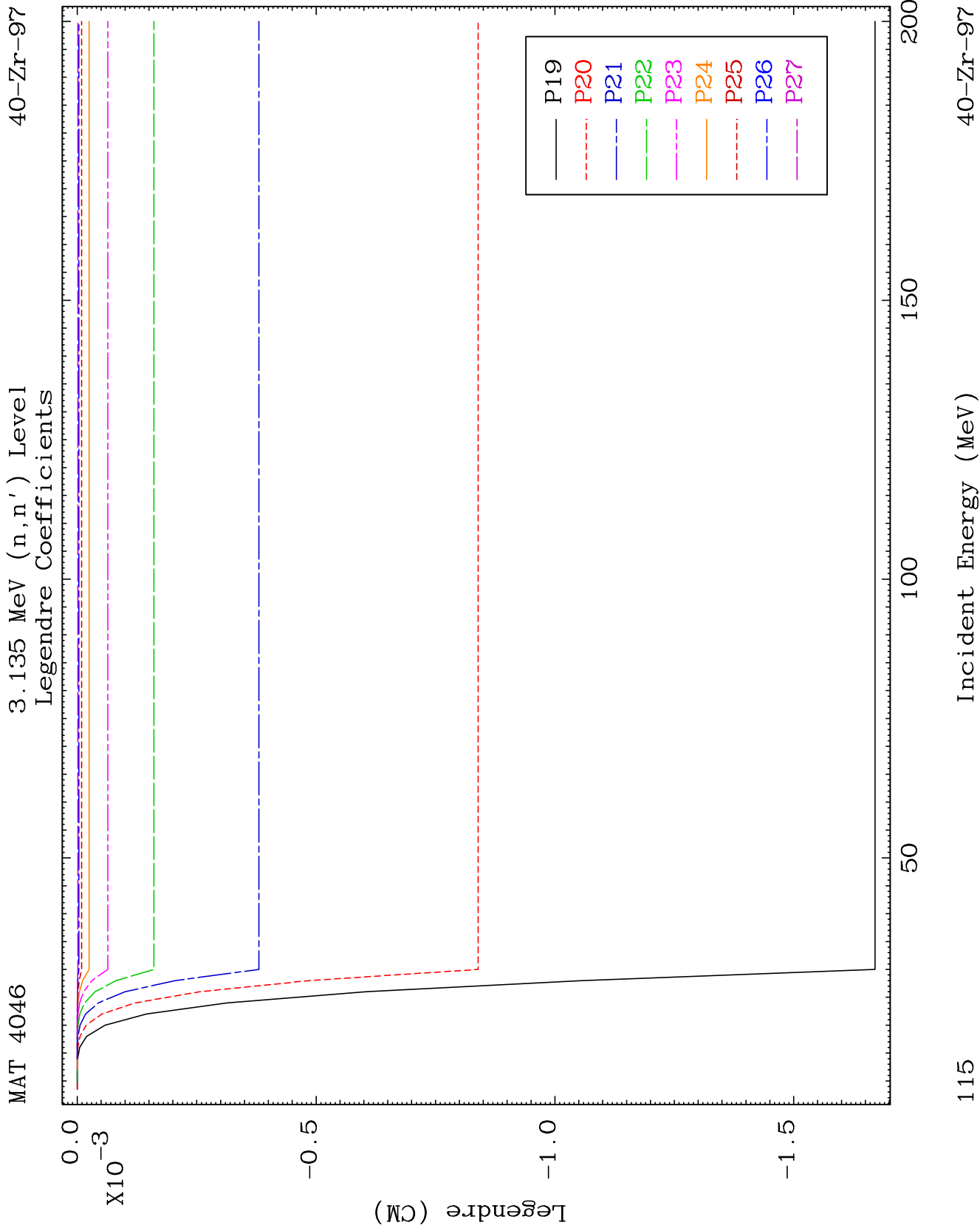


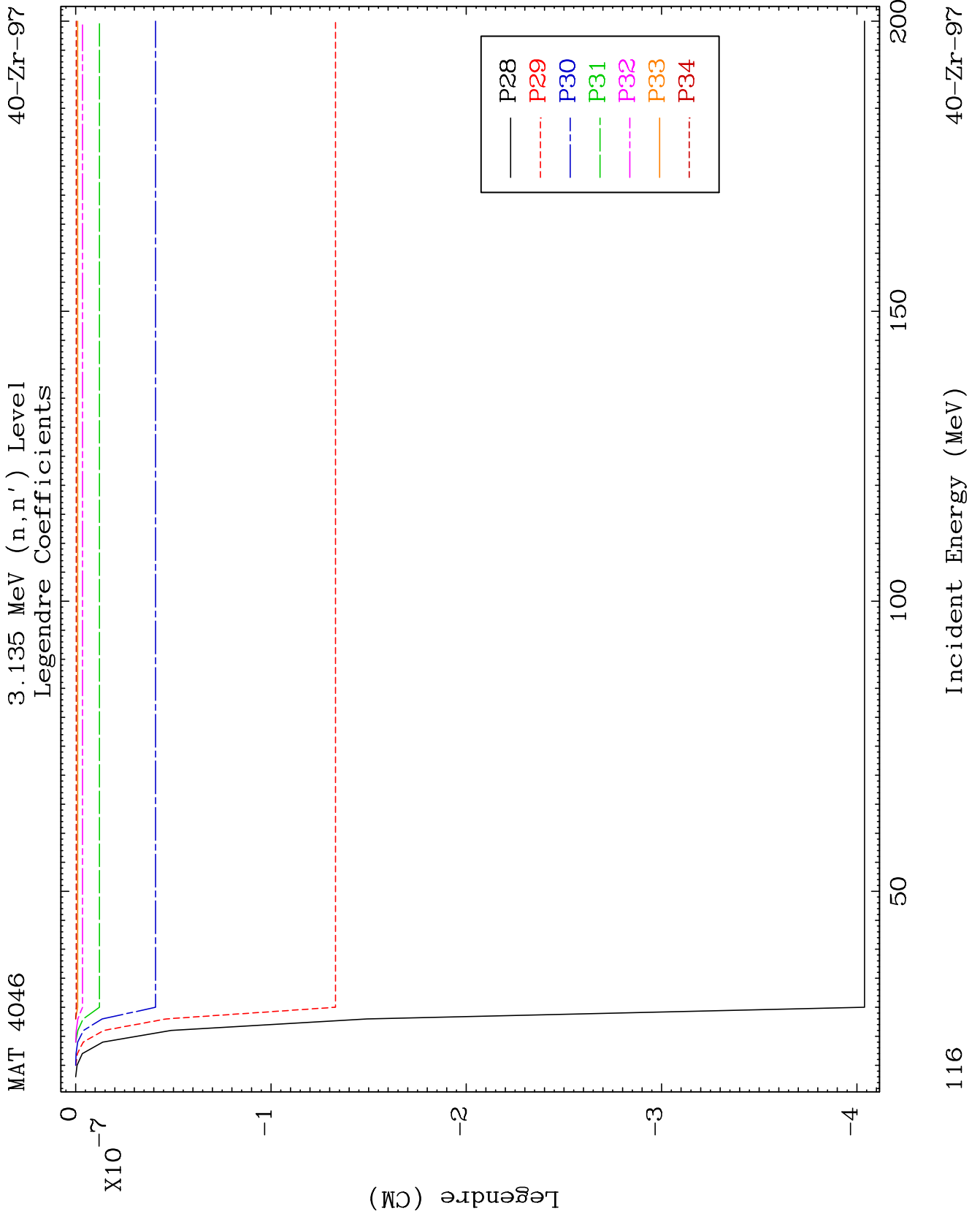




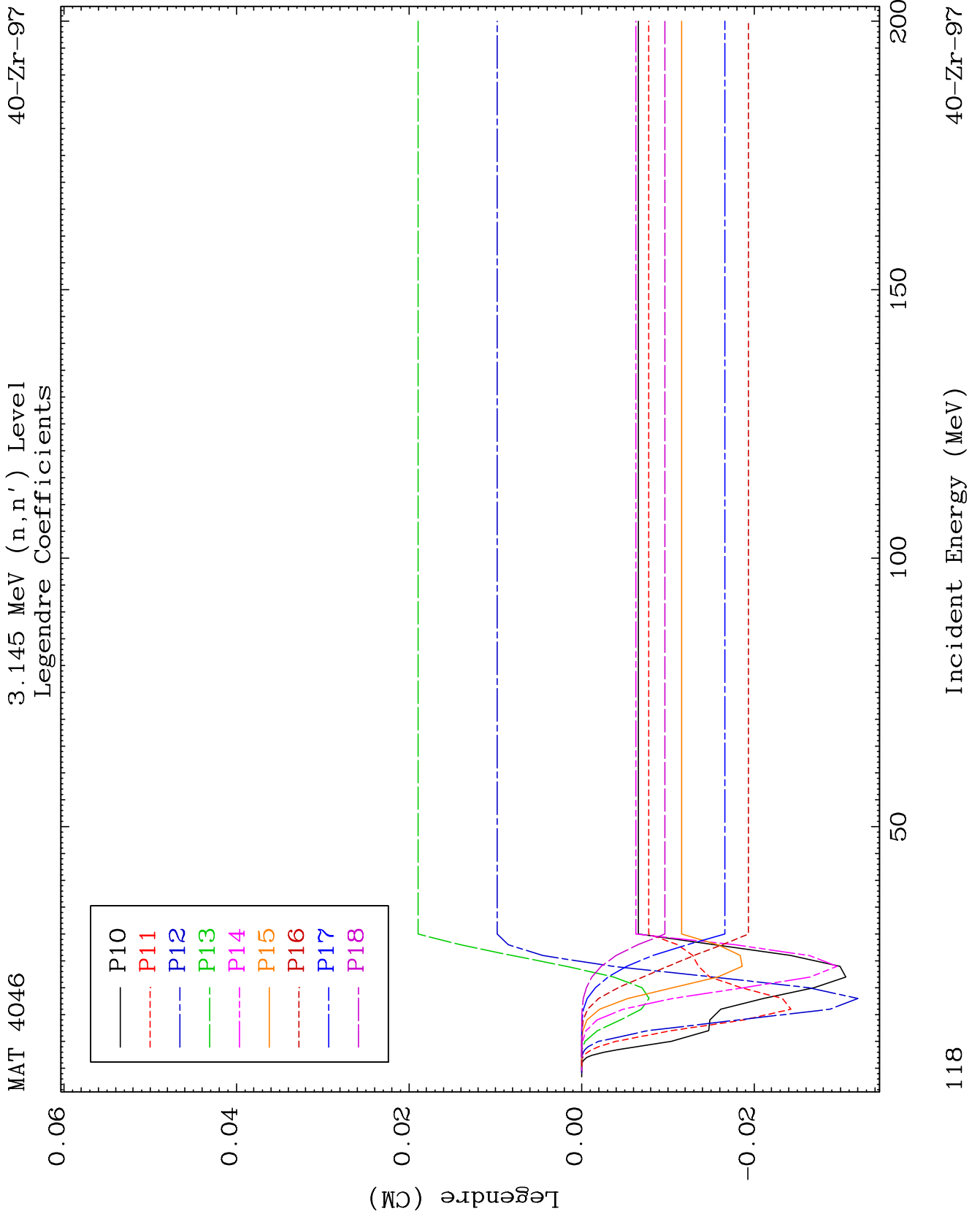


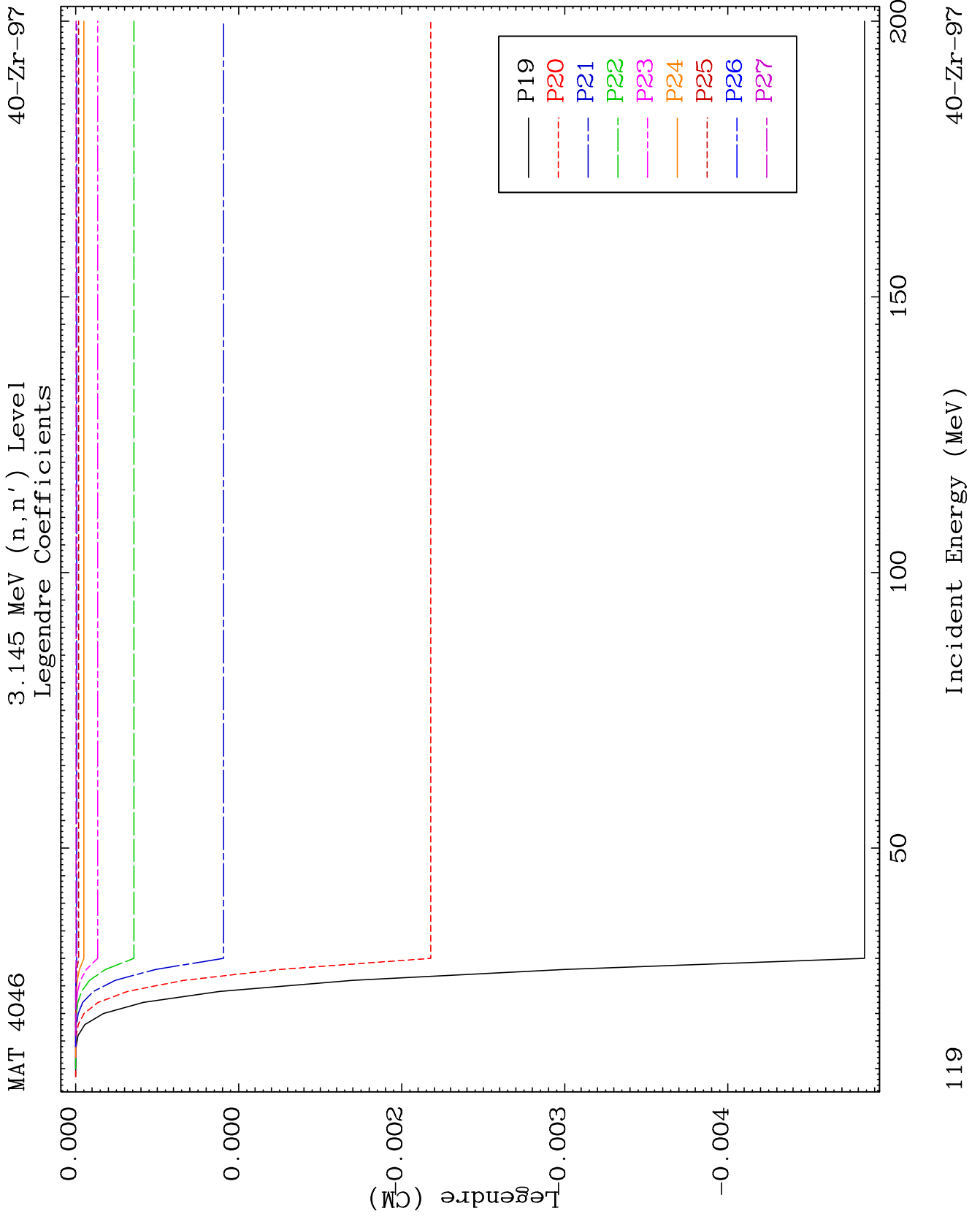




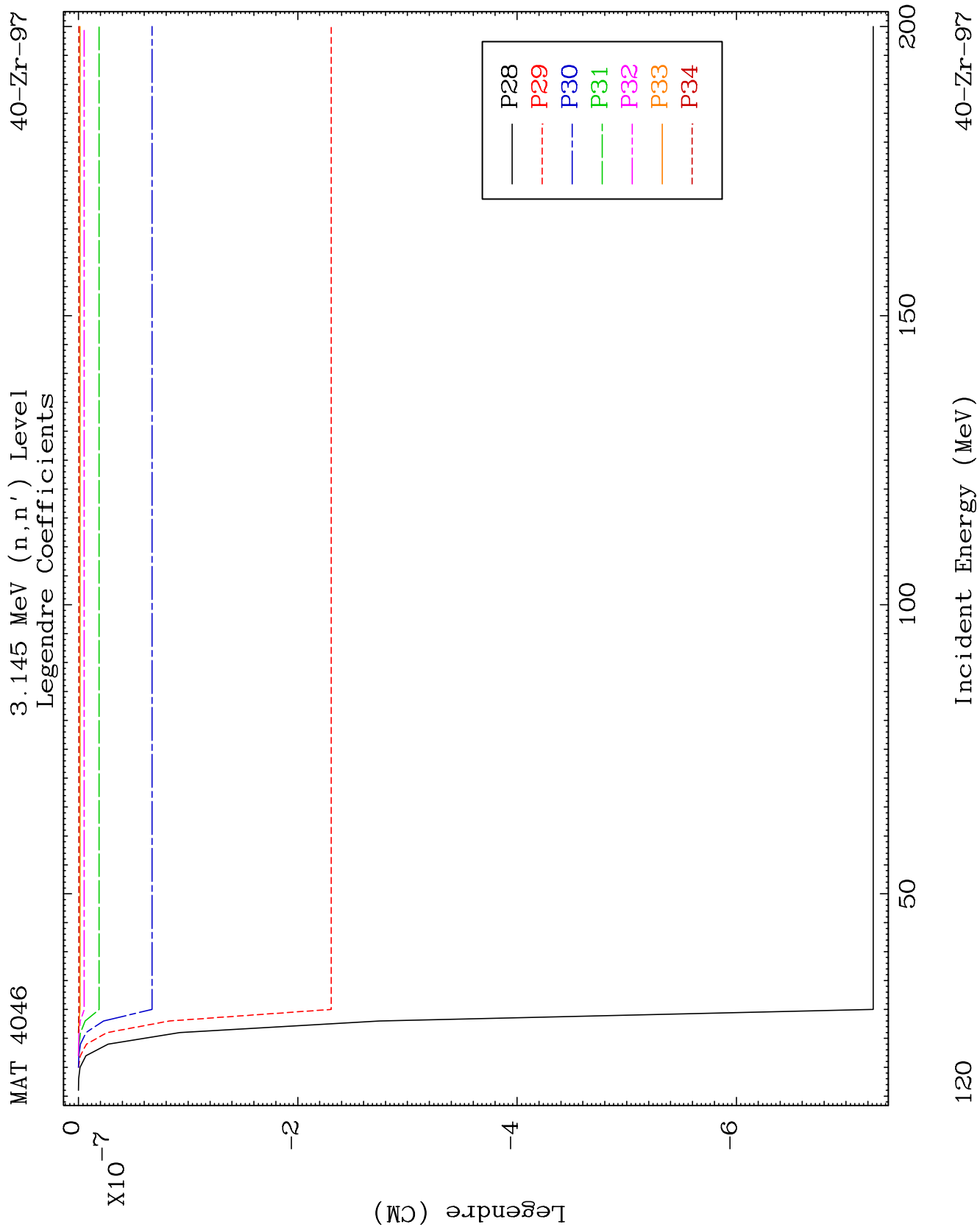




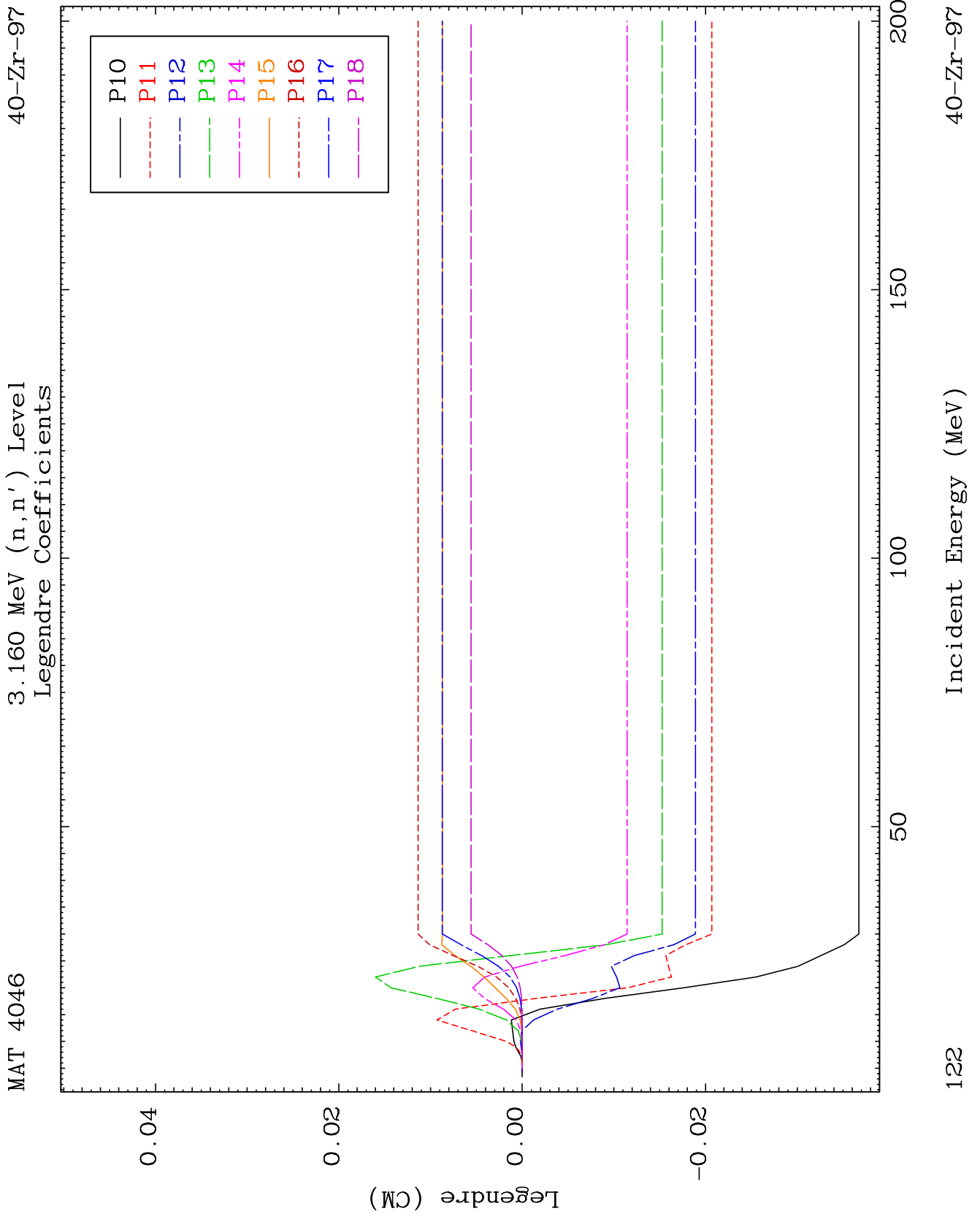


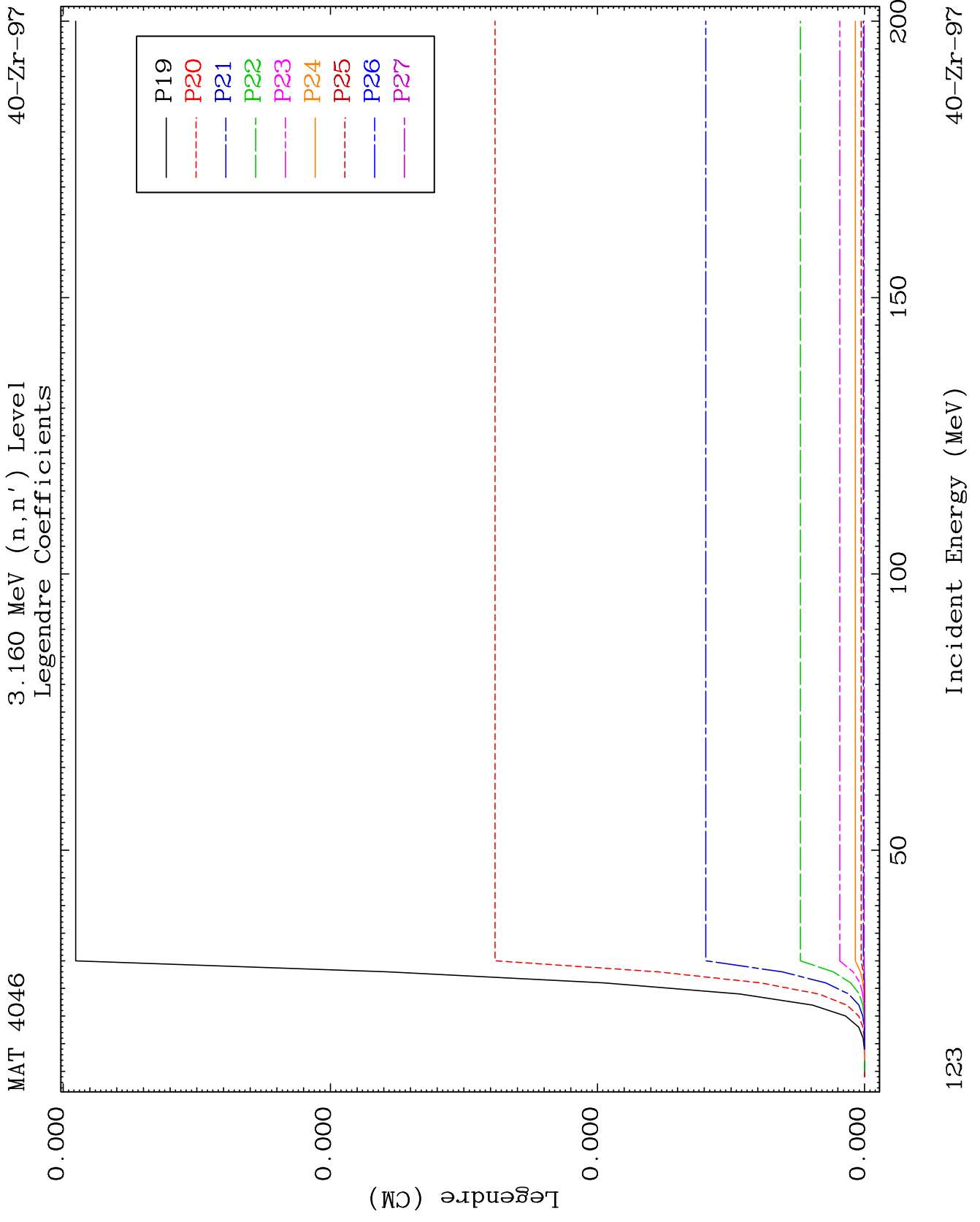




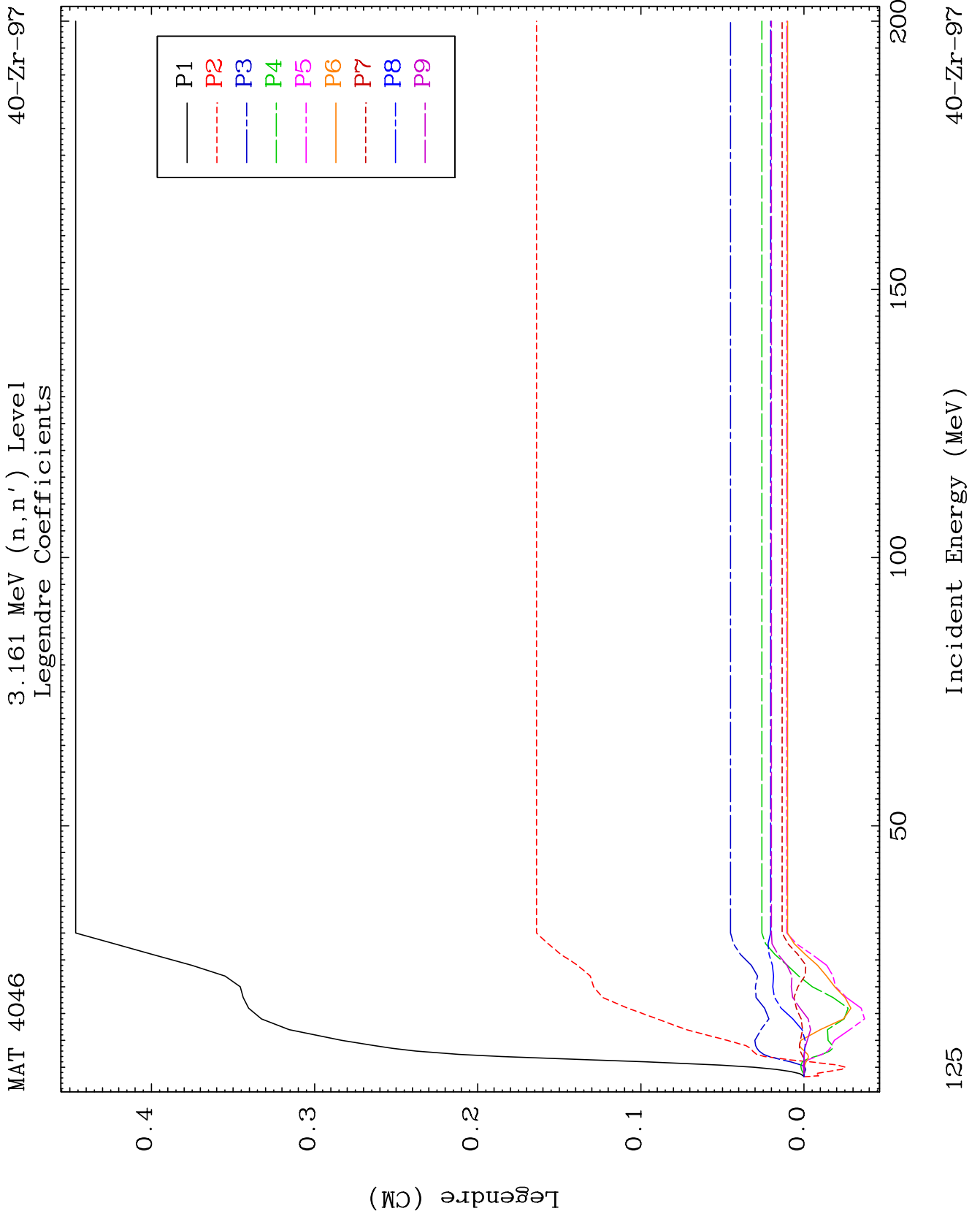








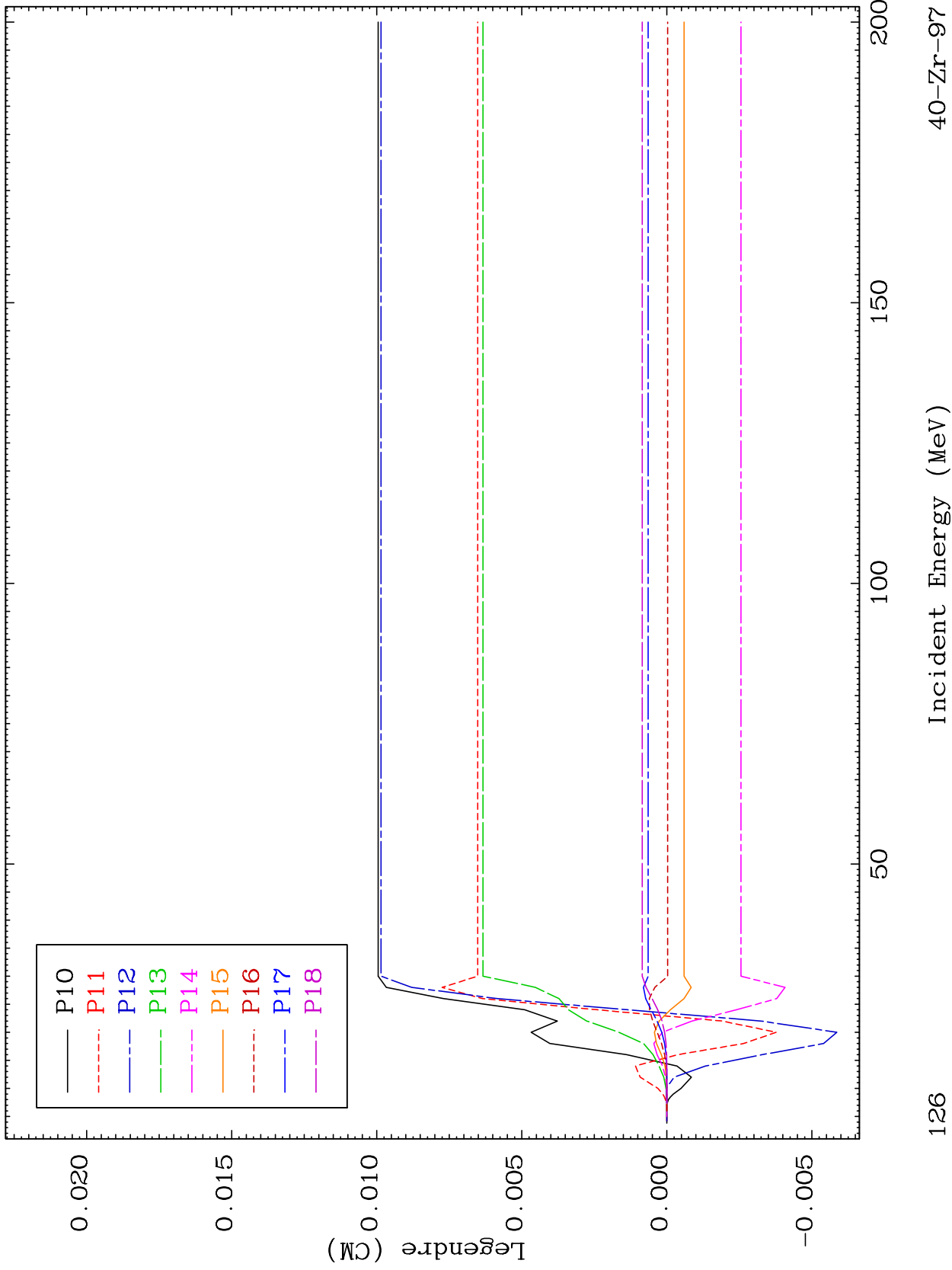




MAT 4046

3.161 MeV (n,n') Level  
Legendre Coefficients

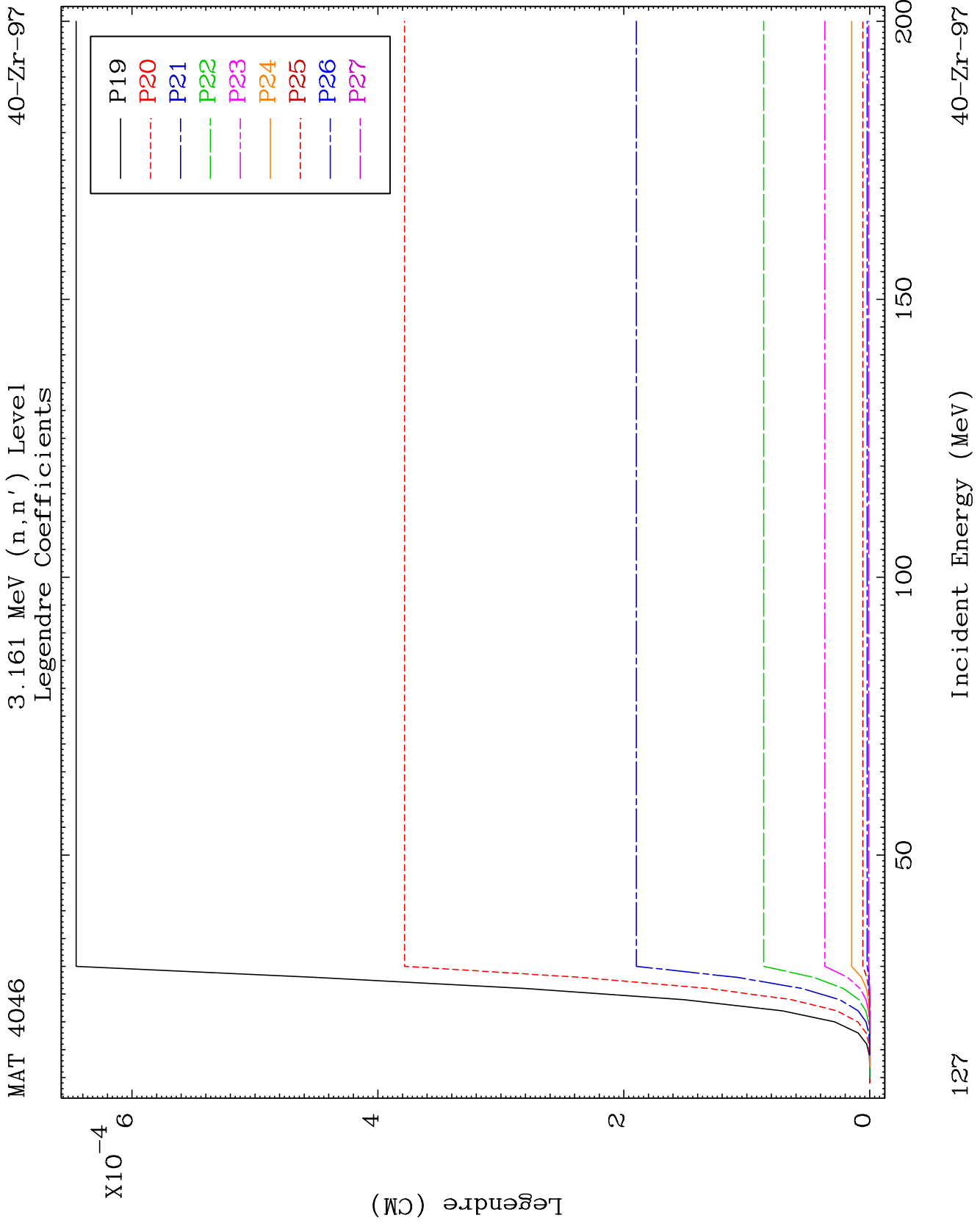
40-Zr-97



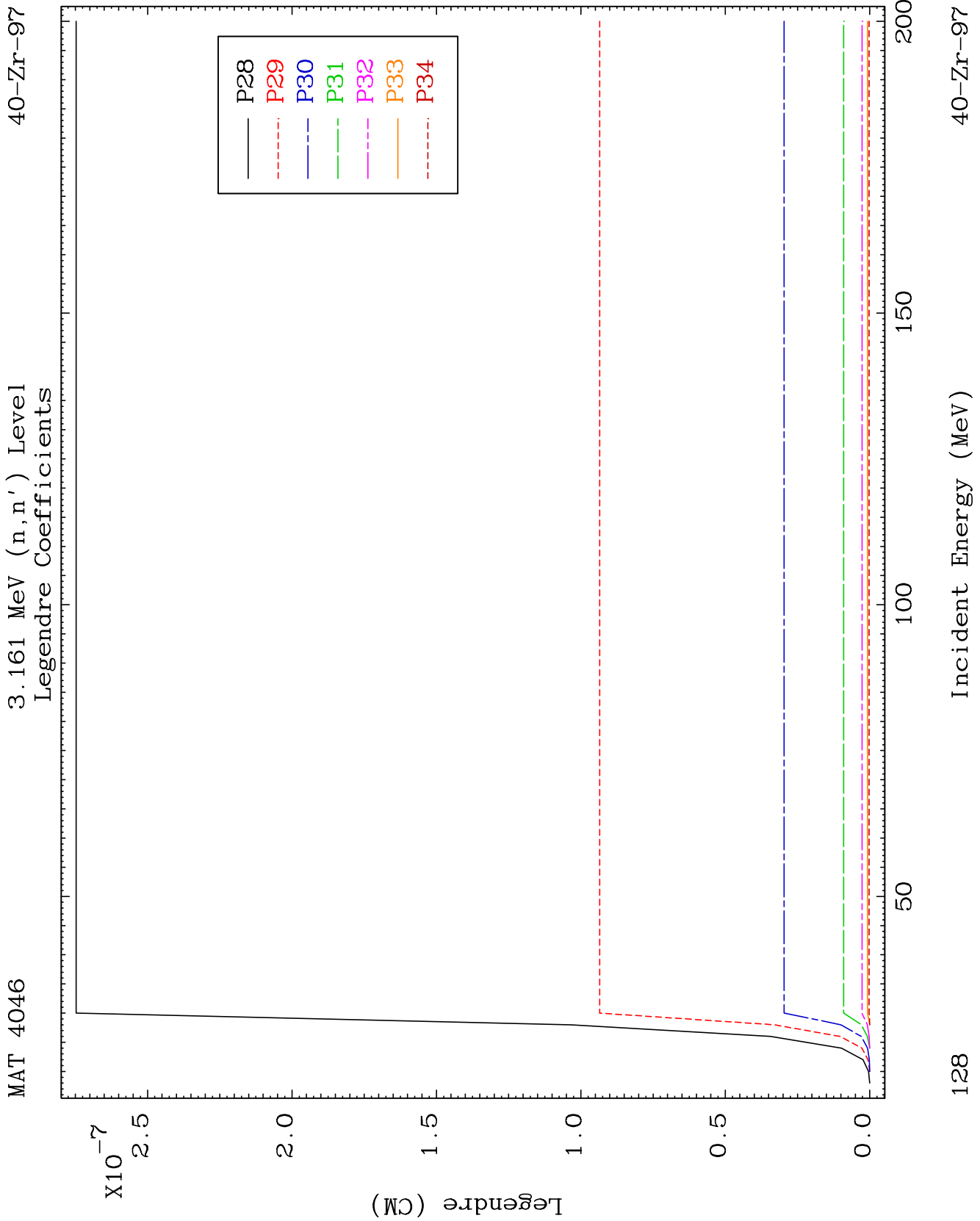
126

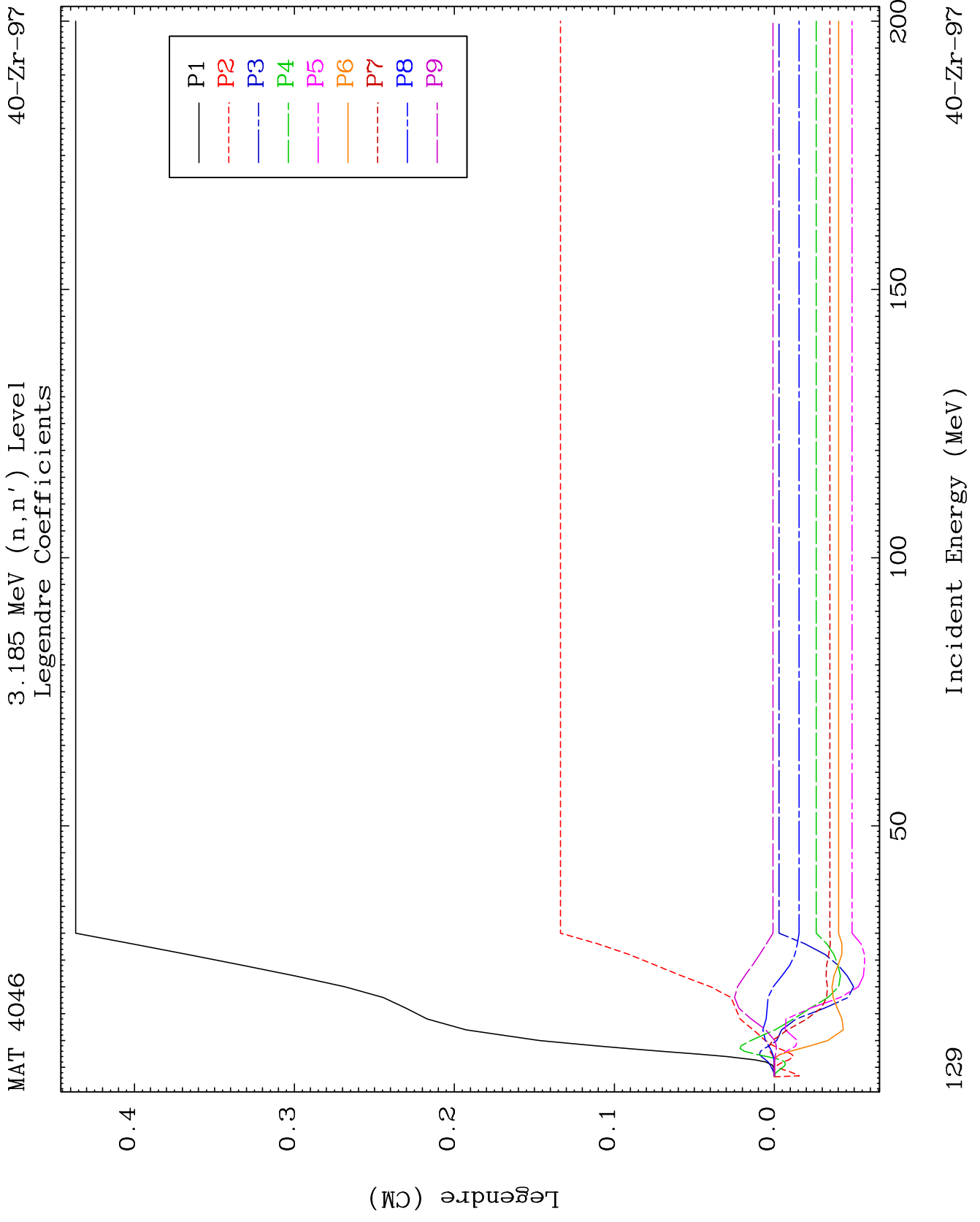
Incident Energy (MeV)

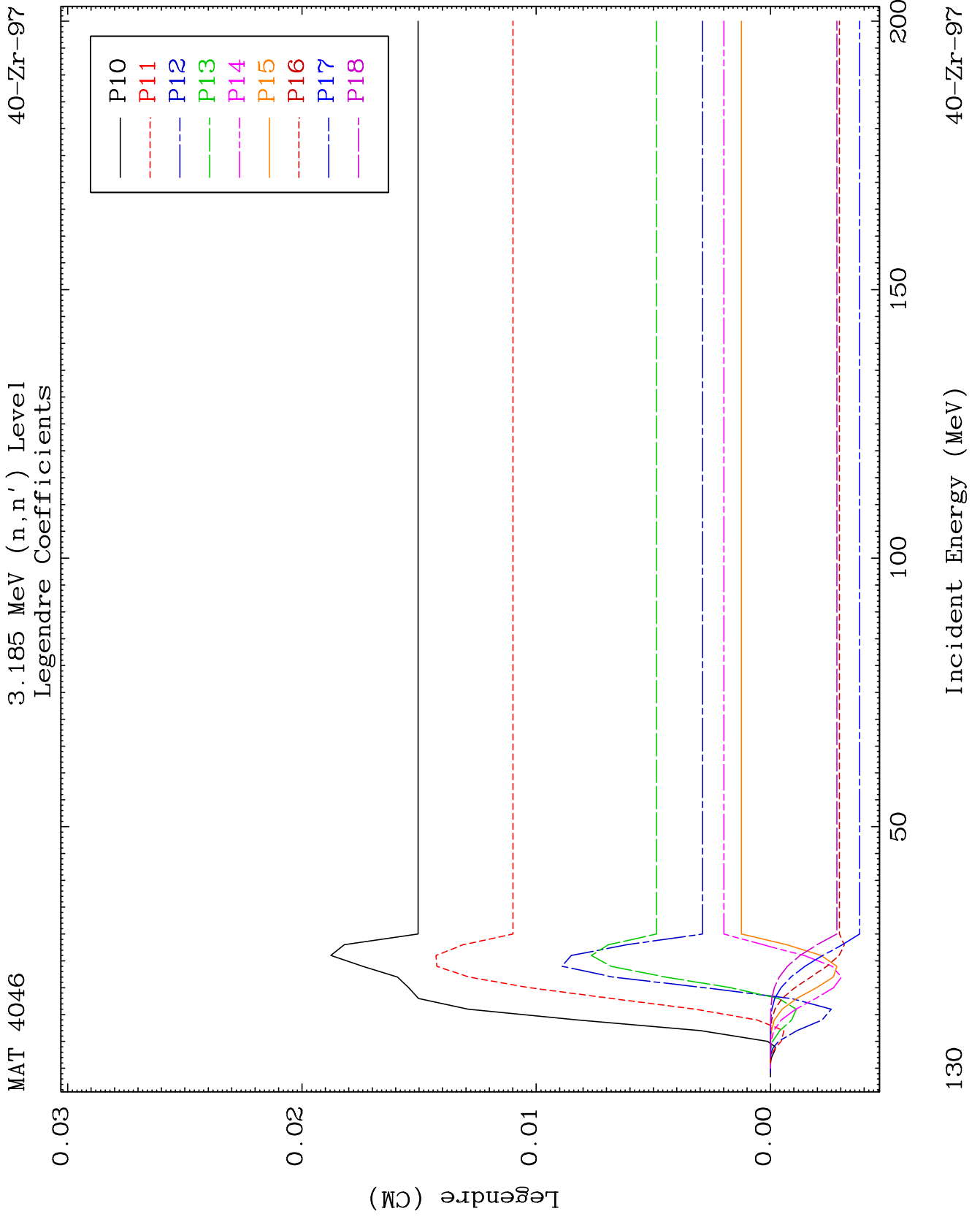
40-Zr-97

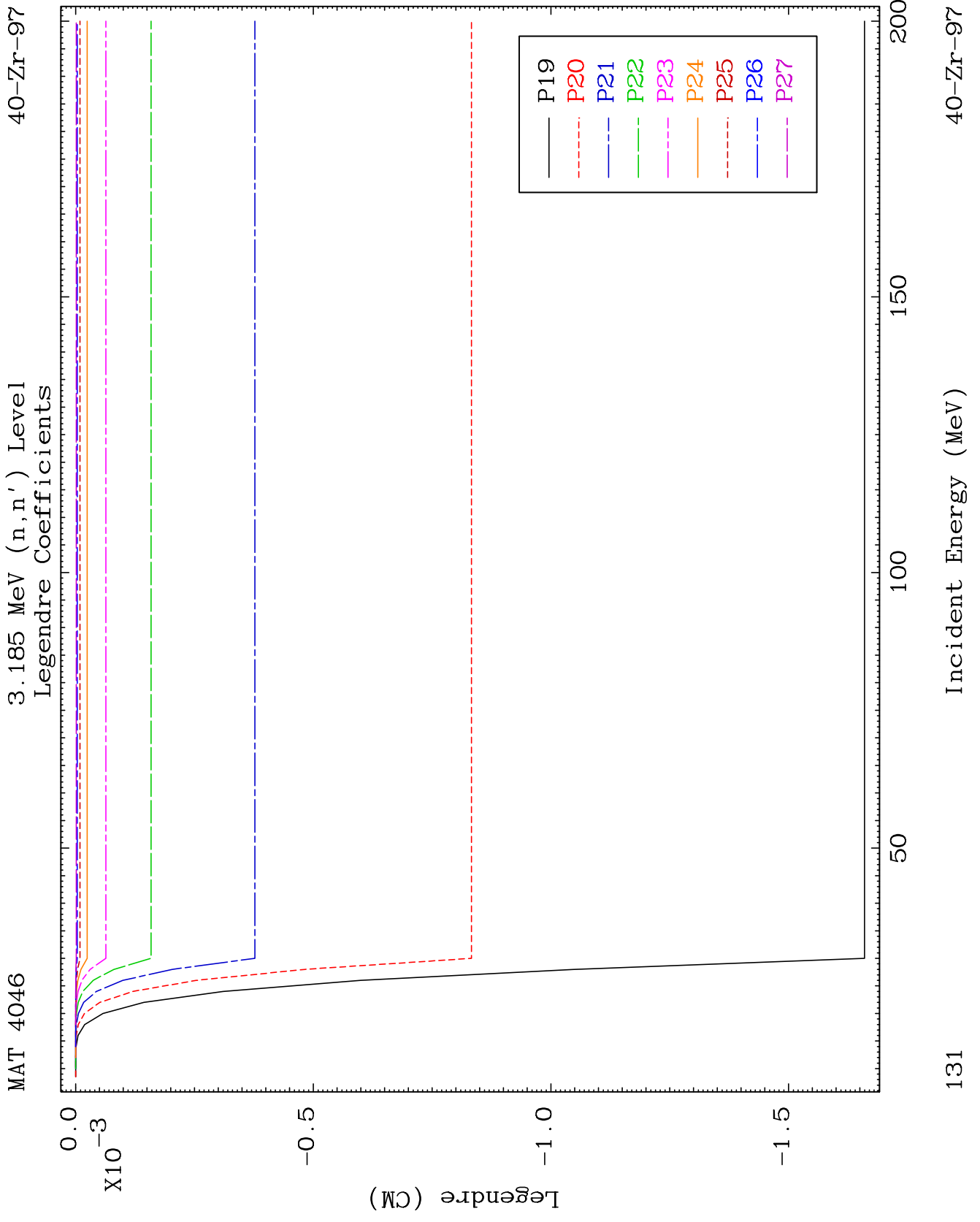


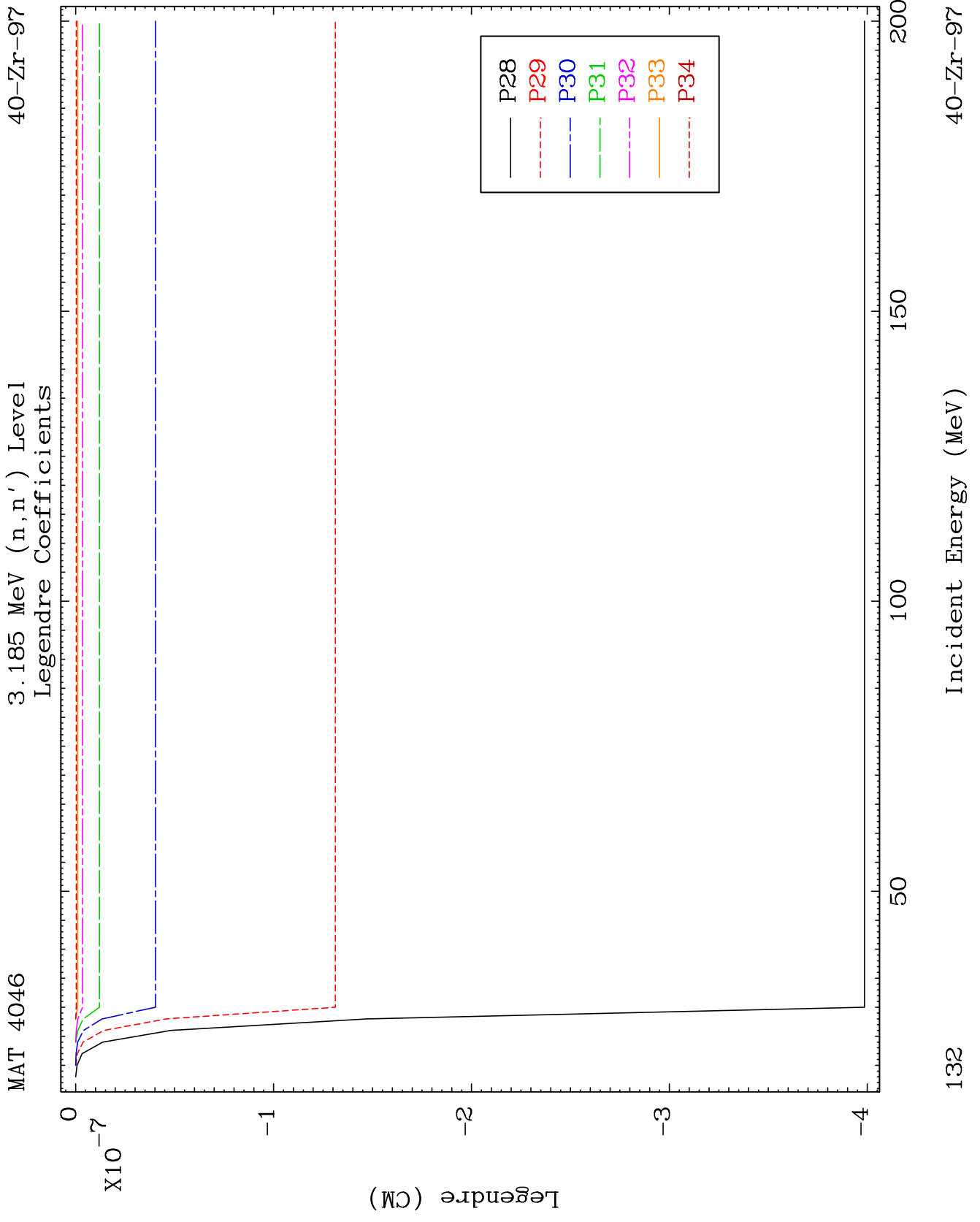


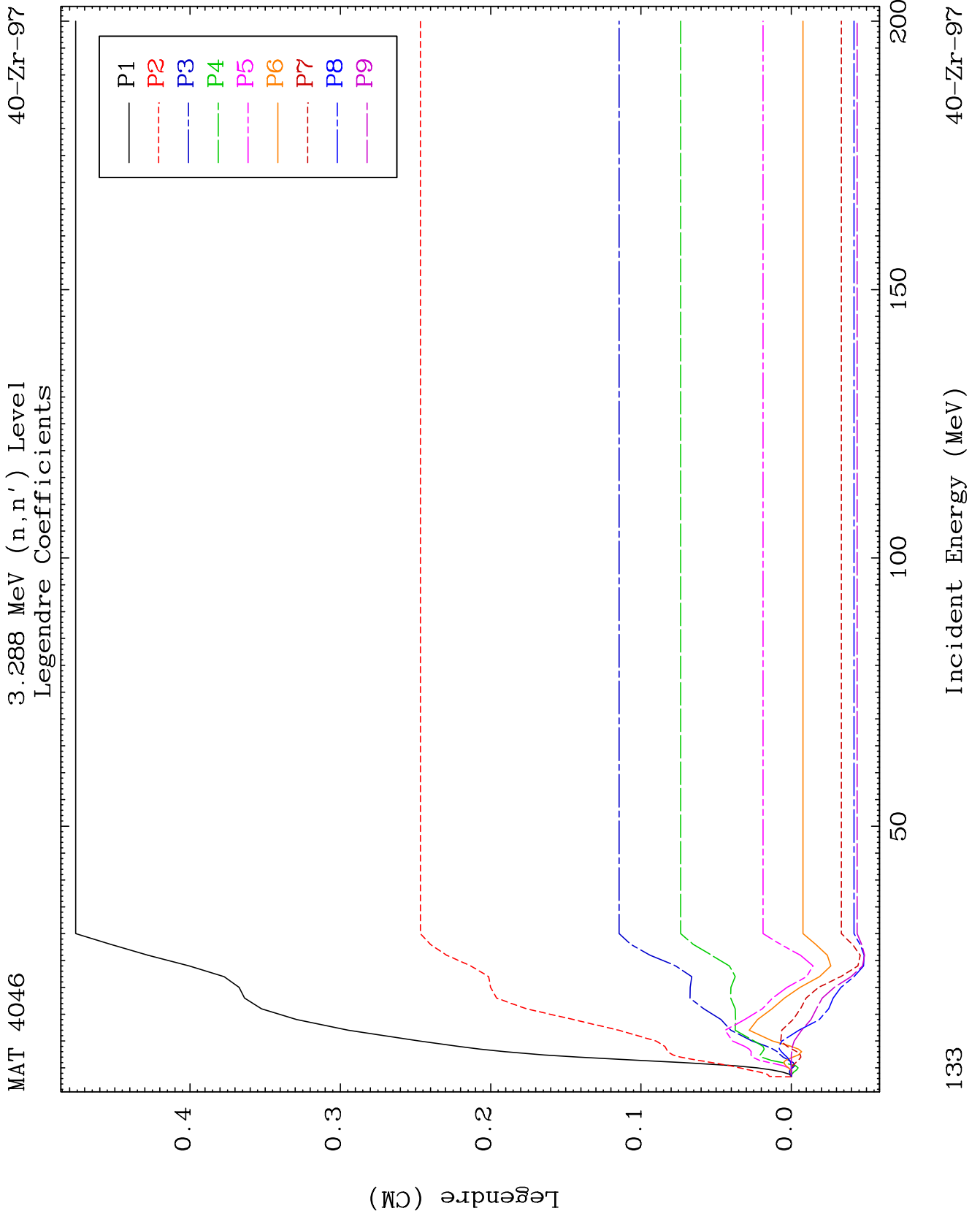


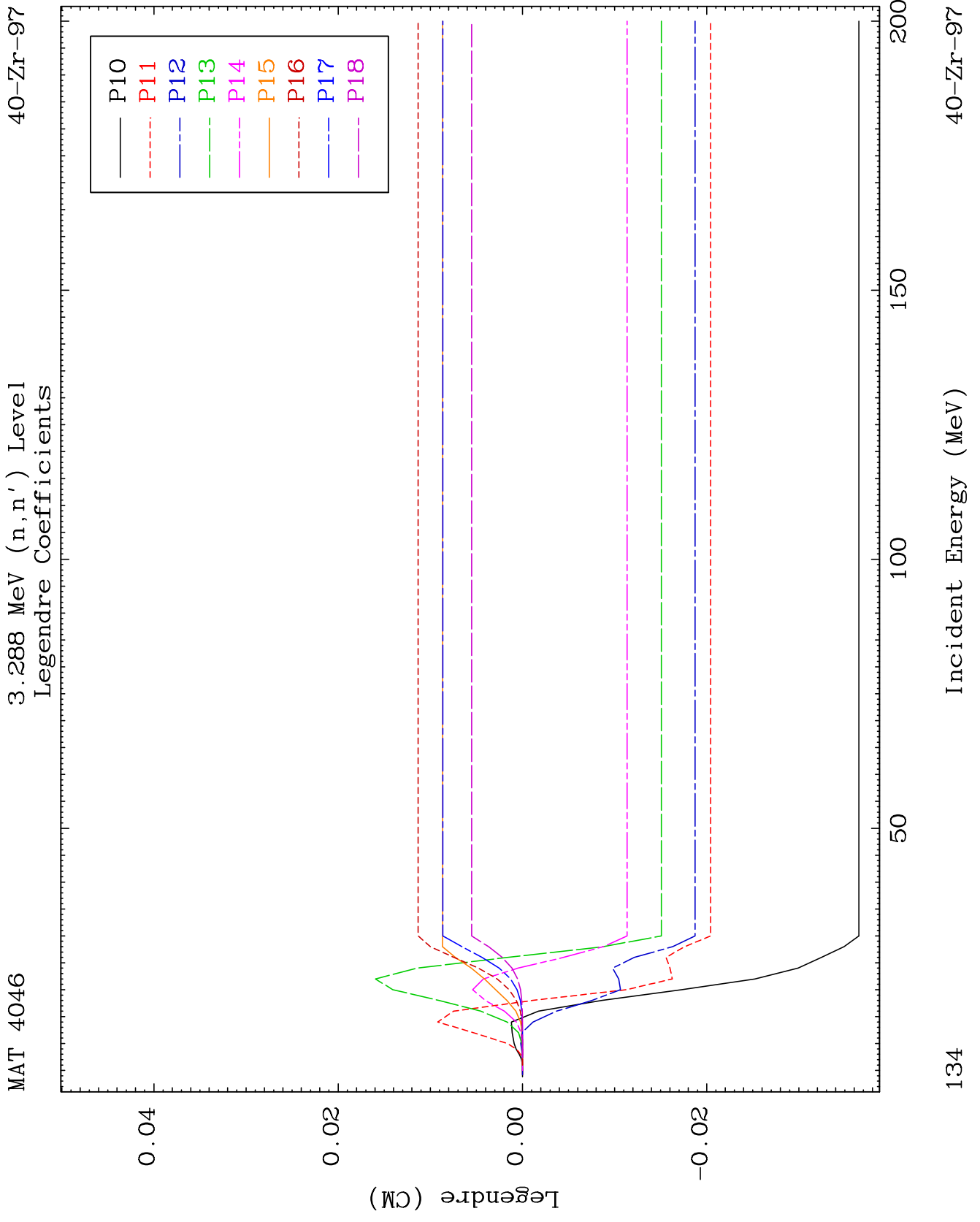


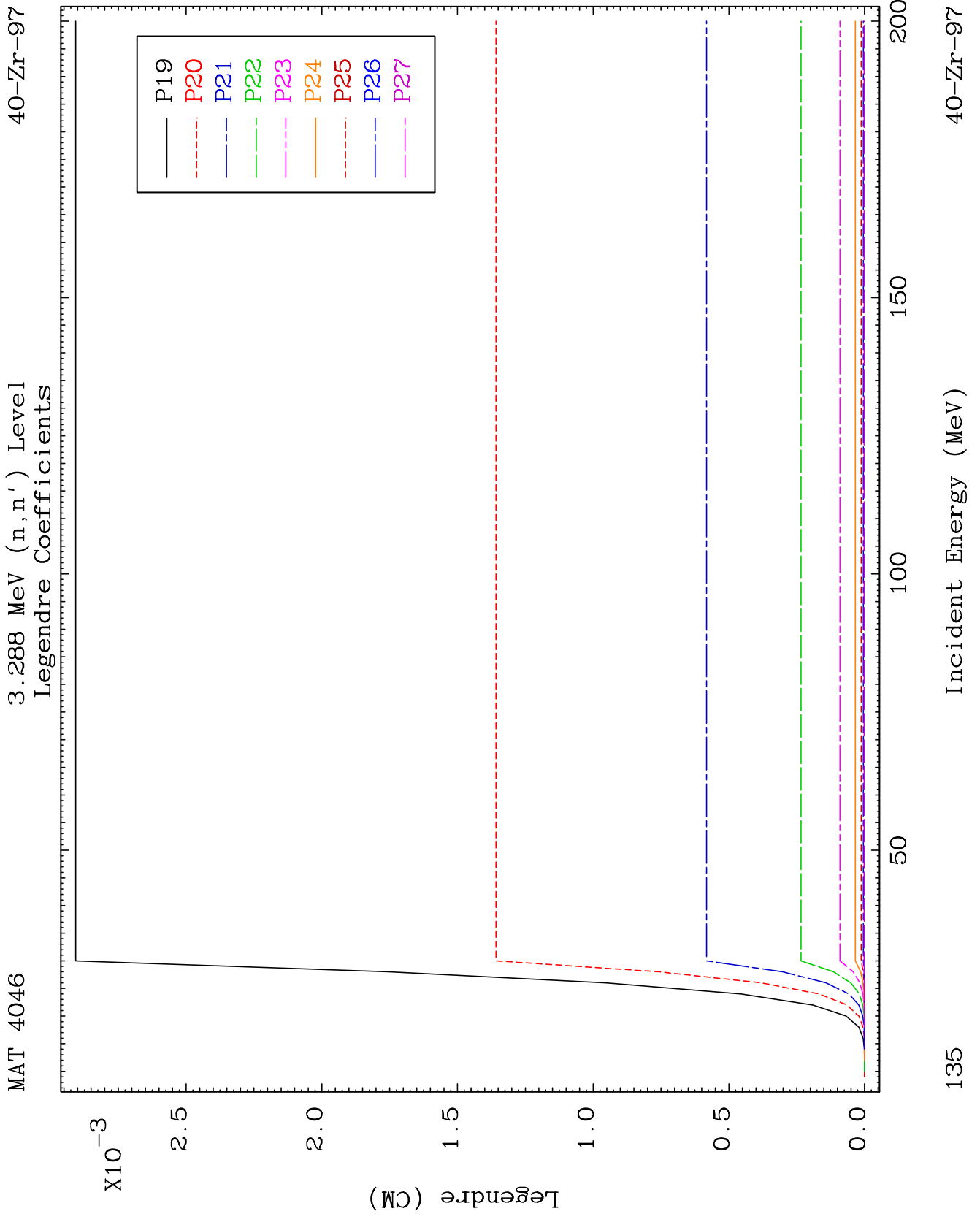




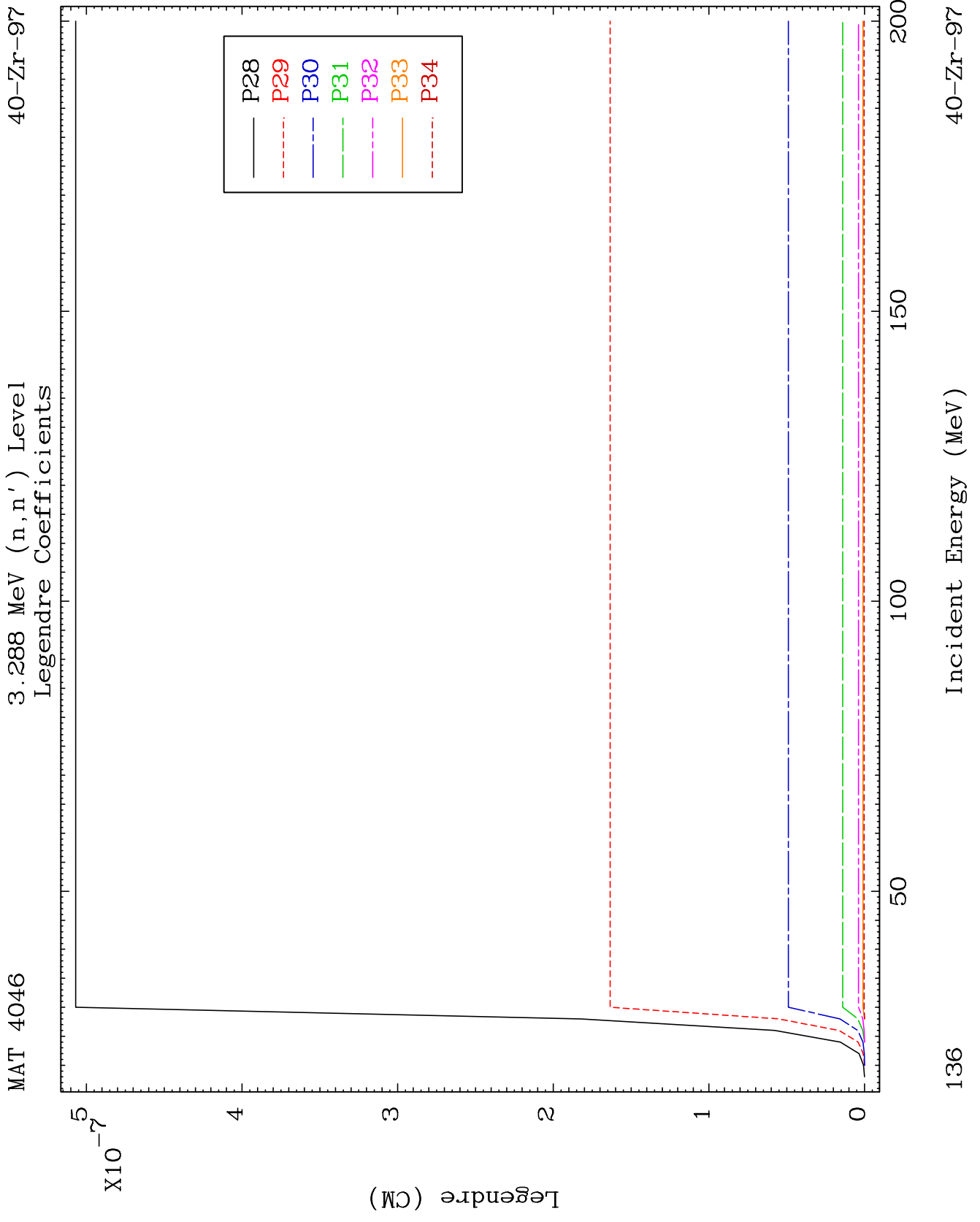








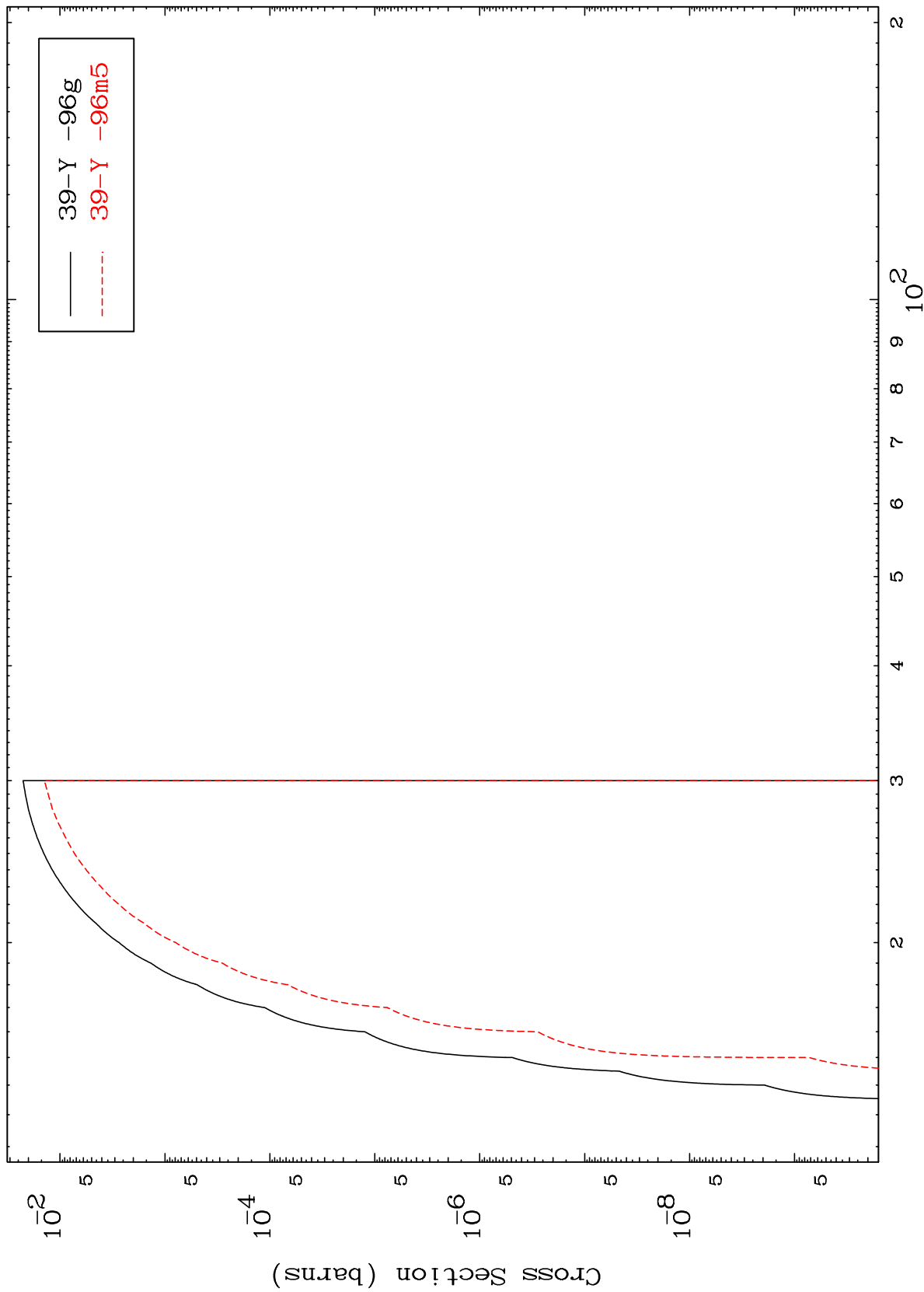




MAT 4046

40-Zr-97

(n,n') p  
Radionuclide Production Cross Section



137

Incident Energy (MeV)

40-Zr-97

