

Program EVALPLOT  
(Version 2018-1)

by

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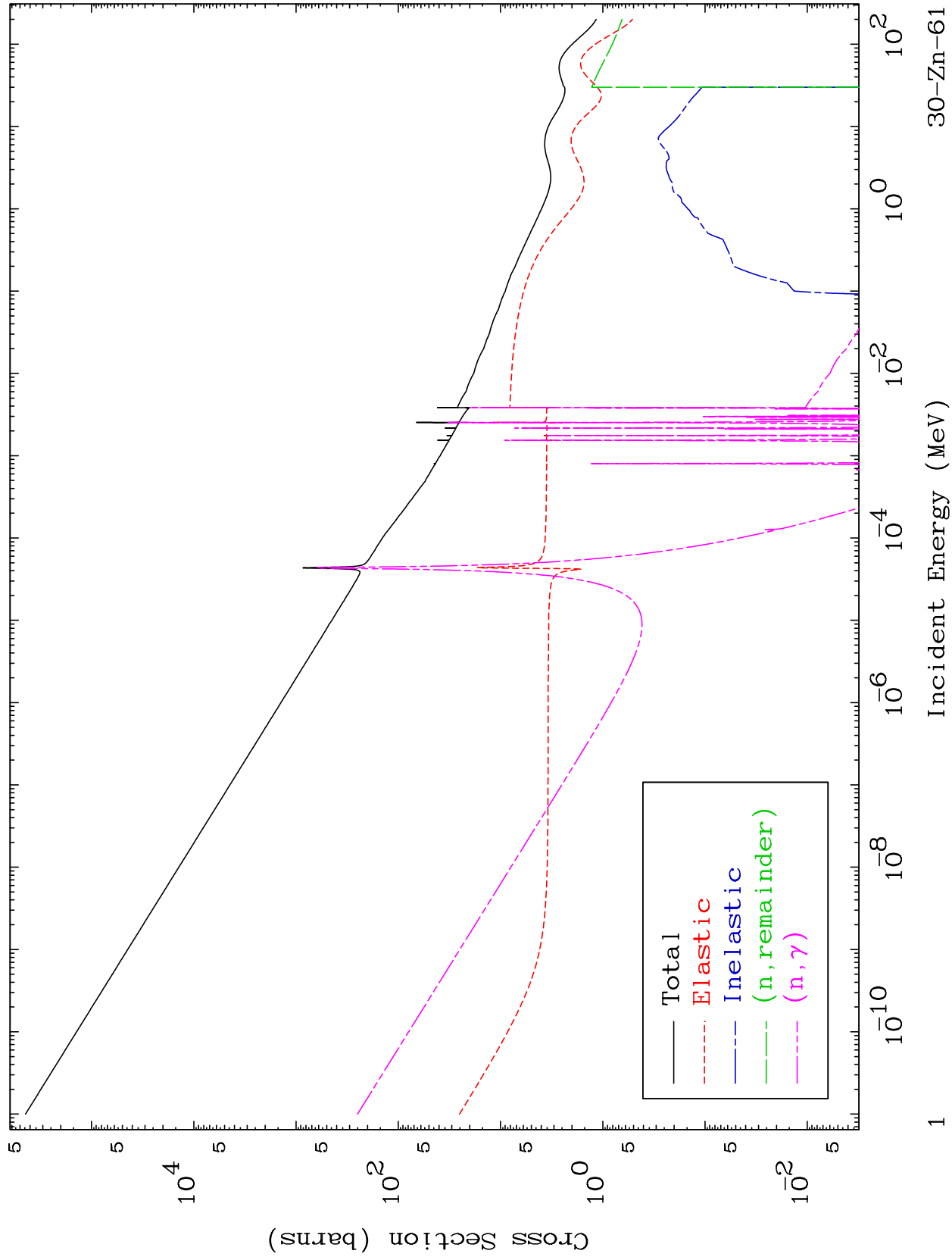
Press Mouse Button to Start

MAT 3016

Major

293 Kelvin Cross Sections

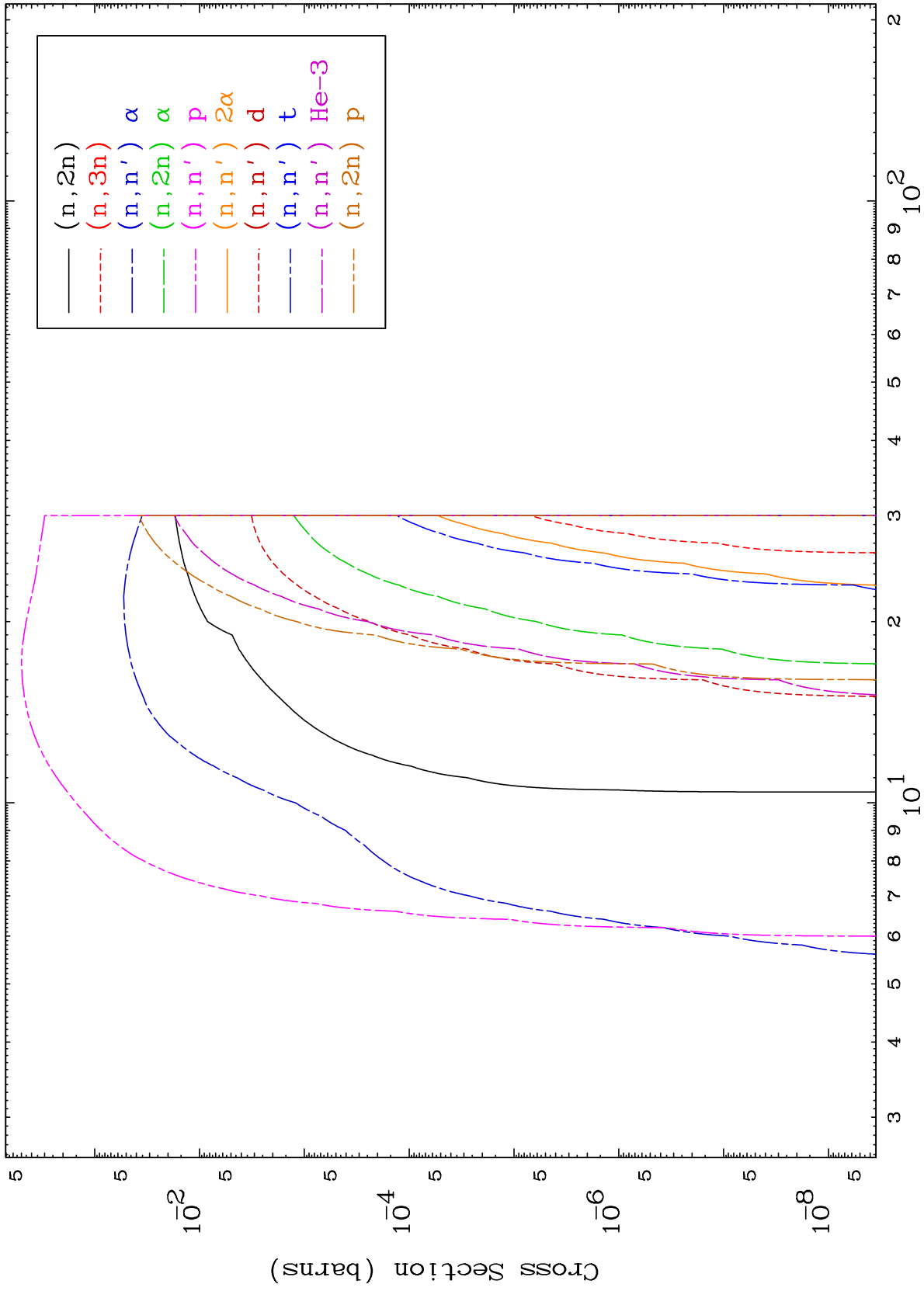
30-Zn-61



MAT 3016

Neutron Production  
293 Kelvin Cross Sections

30-Zn-61



2

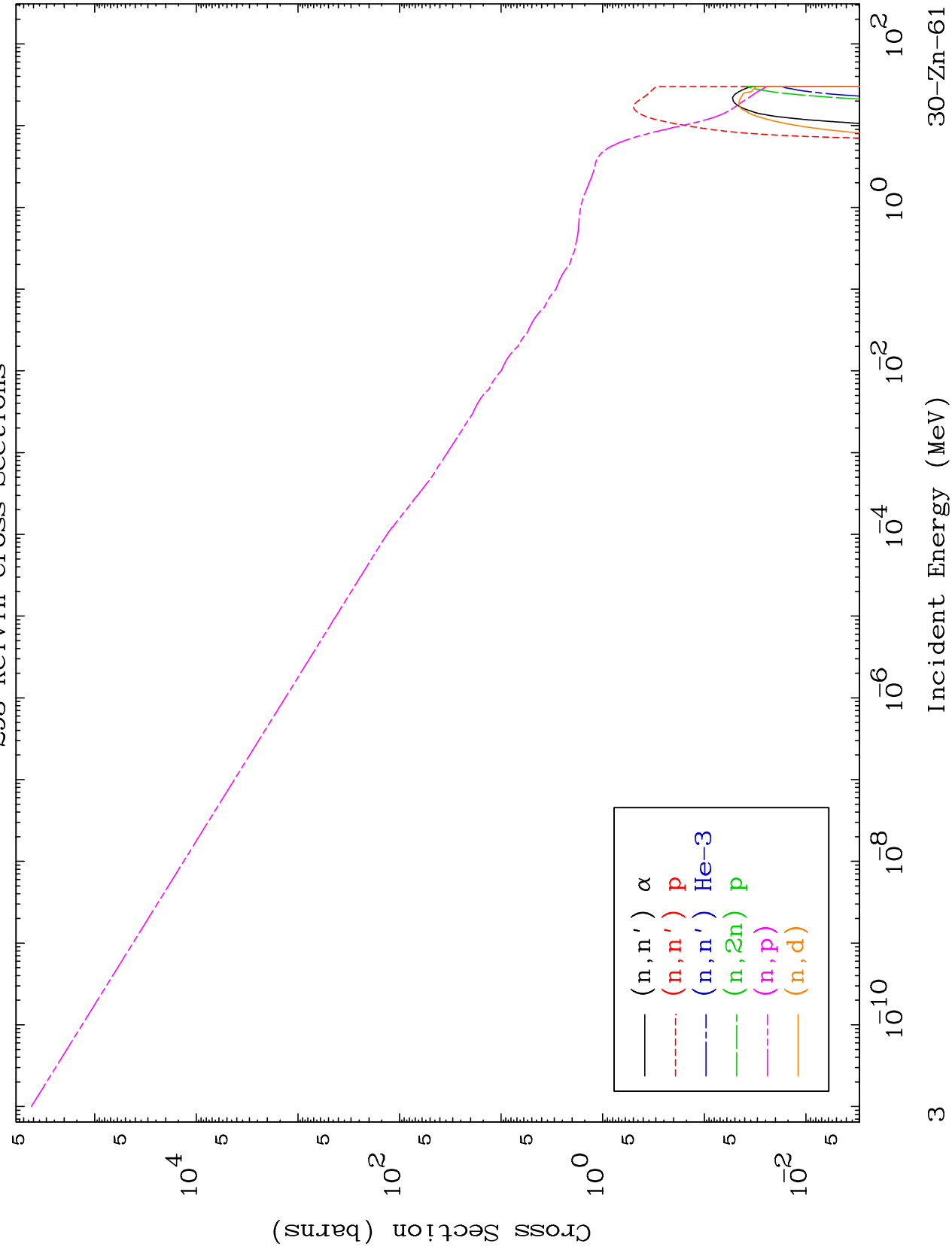
Incident Energy (MeV)

30-Zn-61

MAT 3016

Charged Particle  
293 Kelvin Cross Sections

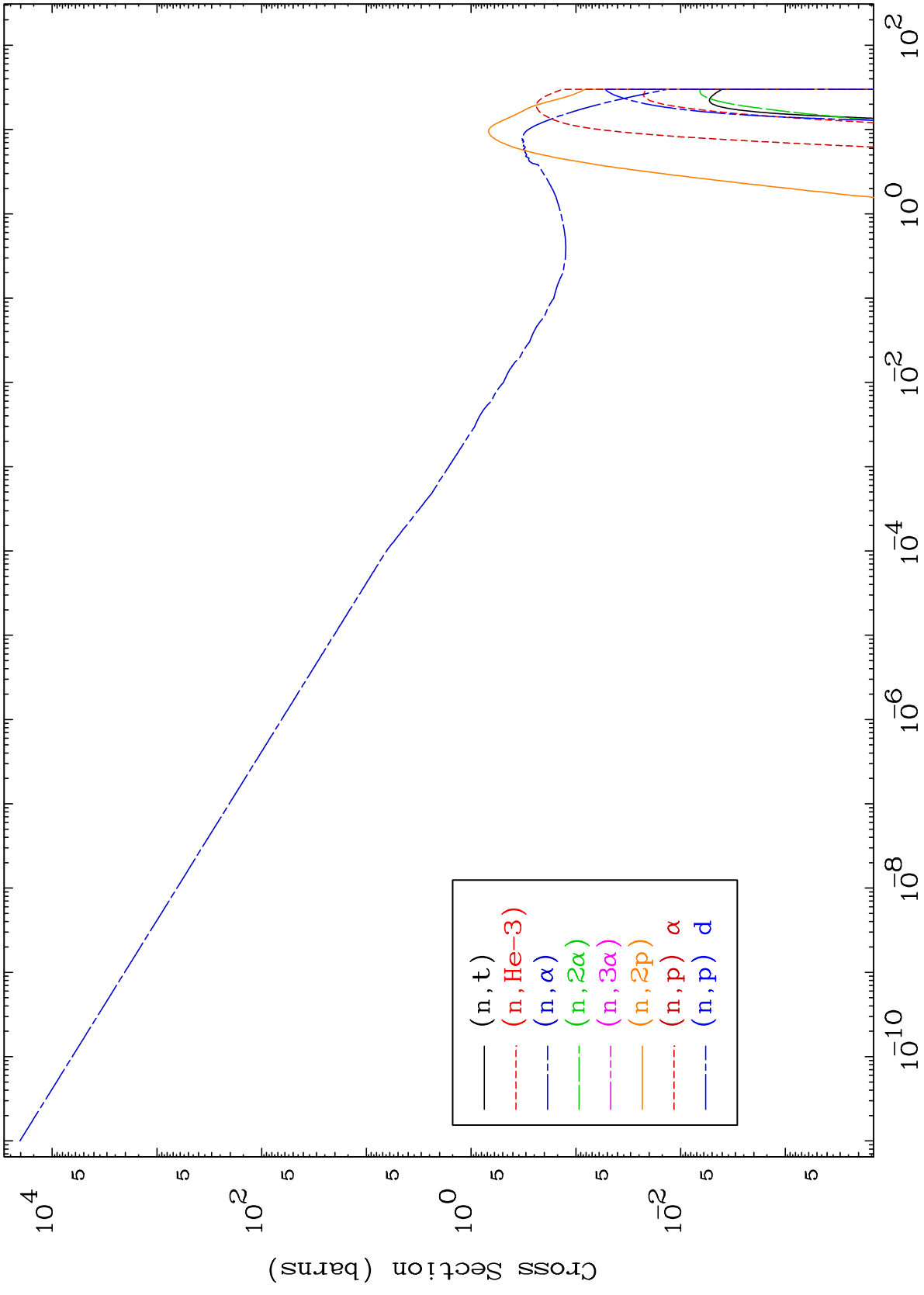
30-Zn-61



MAT 3016

Charged Particle  
293 Kelvin Cross Sections

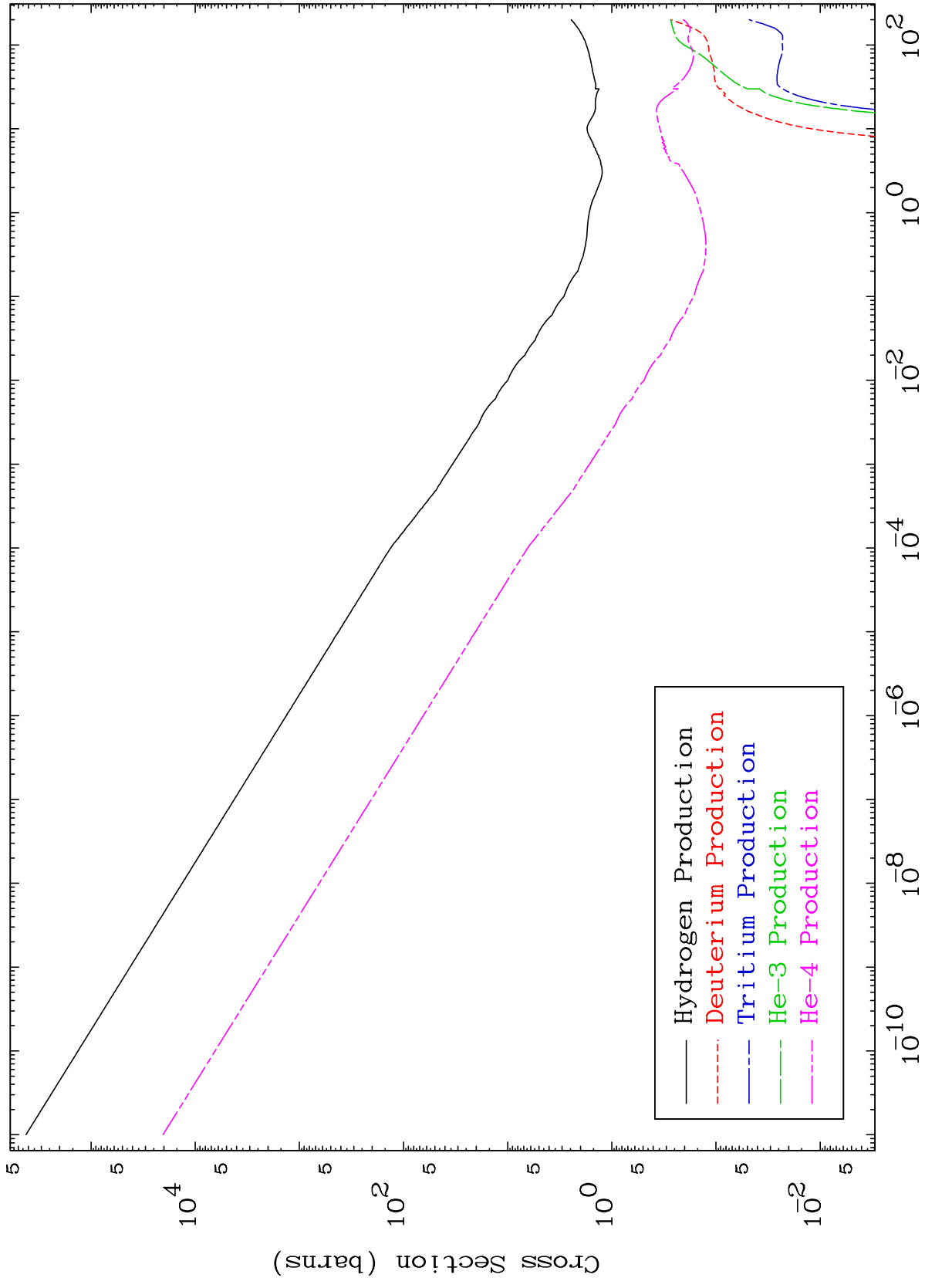
30-Zn-61



MAT 3016

Particle Production  
293 Kelvin Cross Sections

30-Zn-61



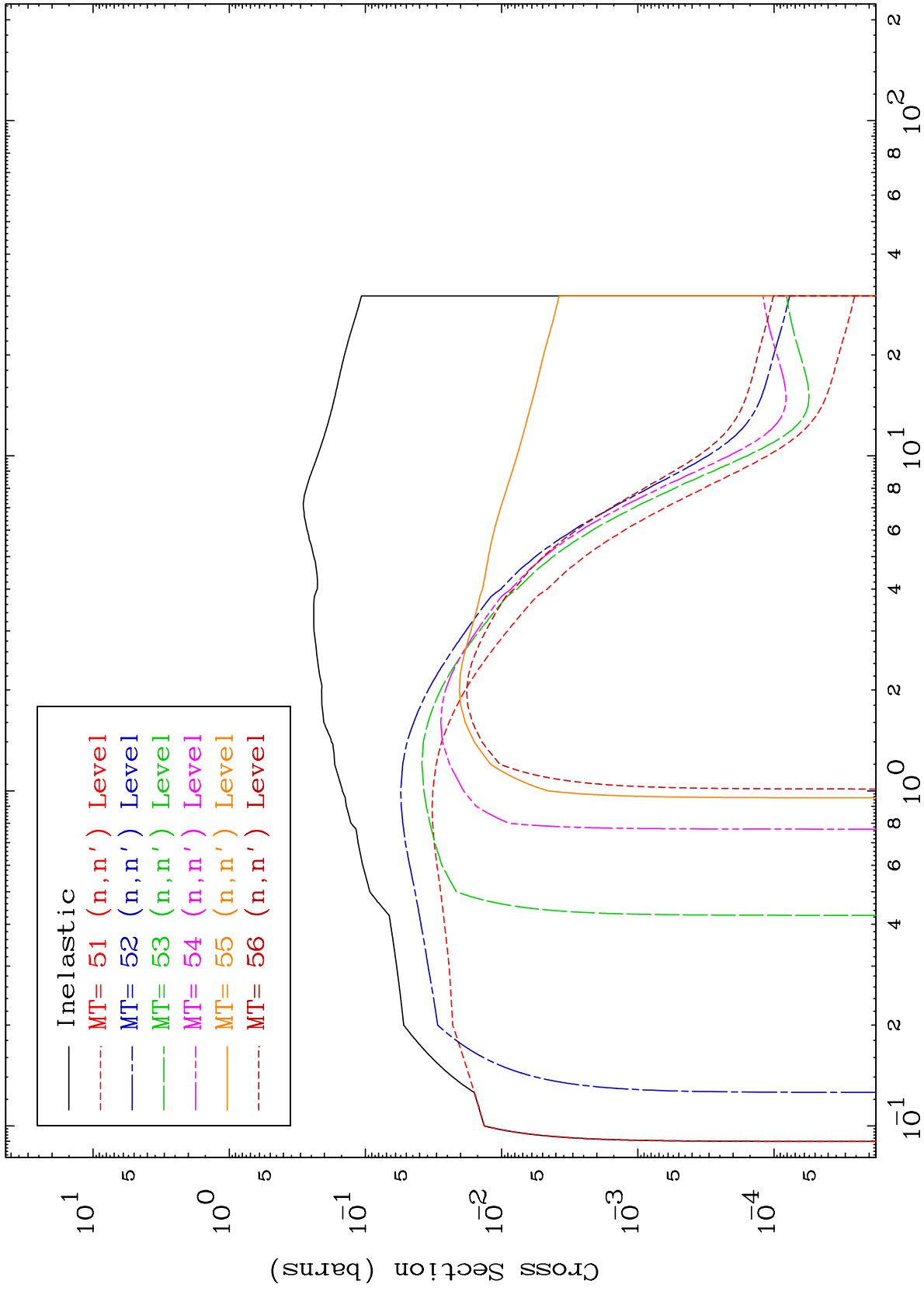
5

30-Zn-61

MAT 3016

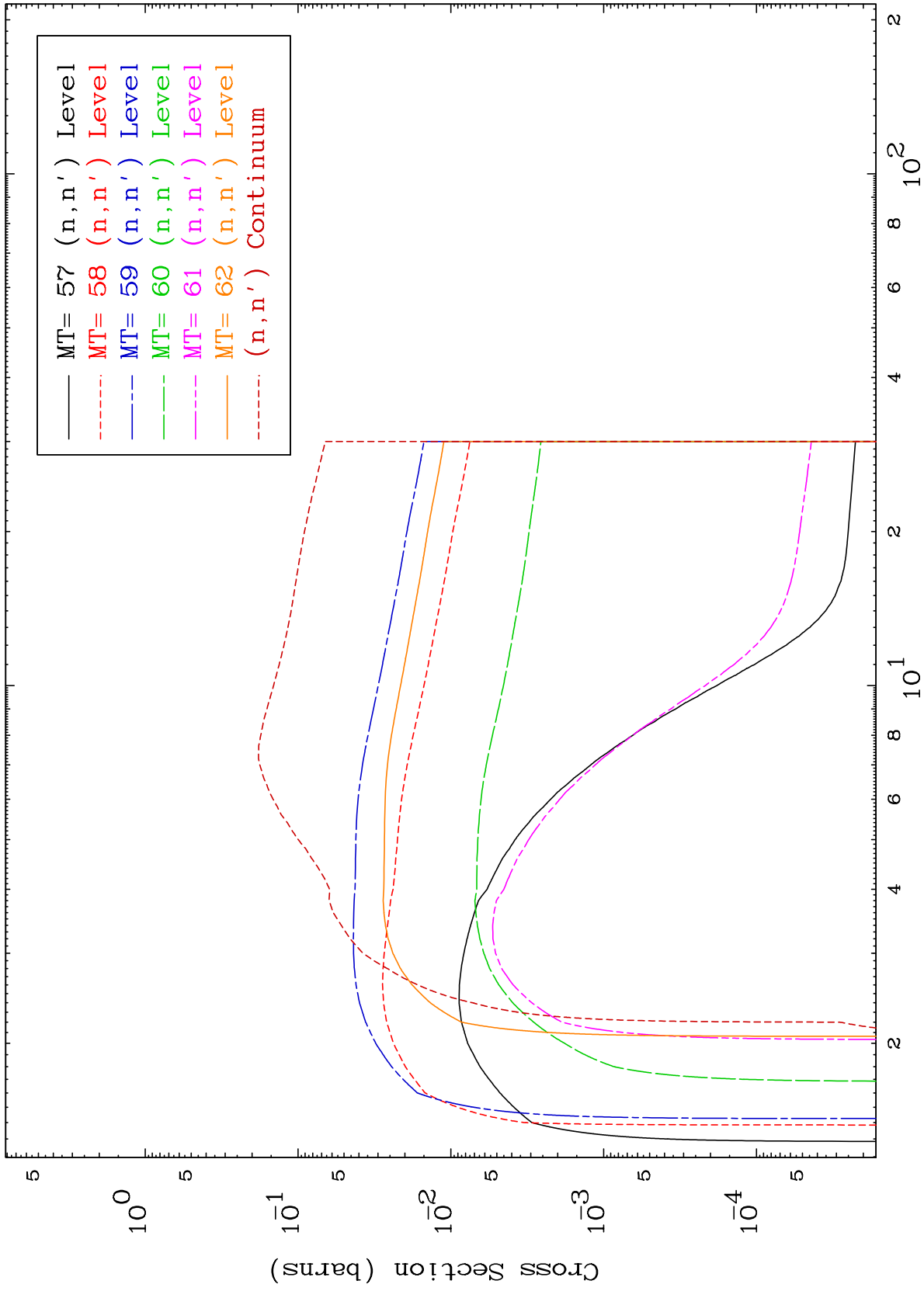
(n,n') Level  
293 Kelvin Cross Sections

30-Zn-61



Incident Energy (MeV)

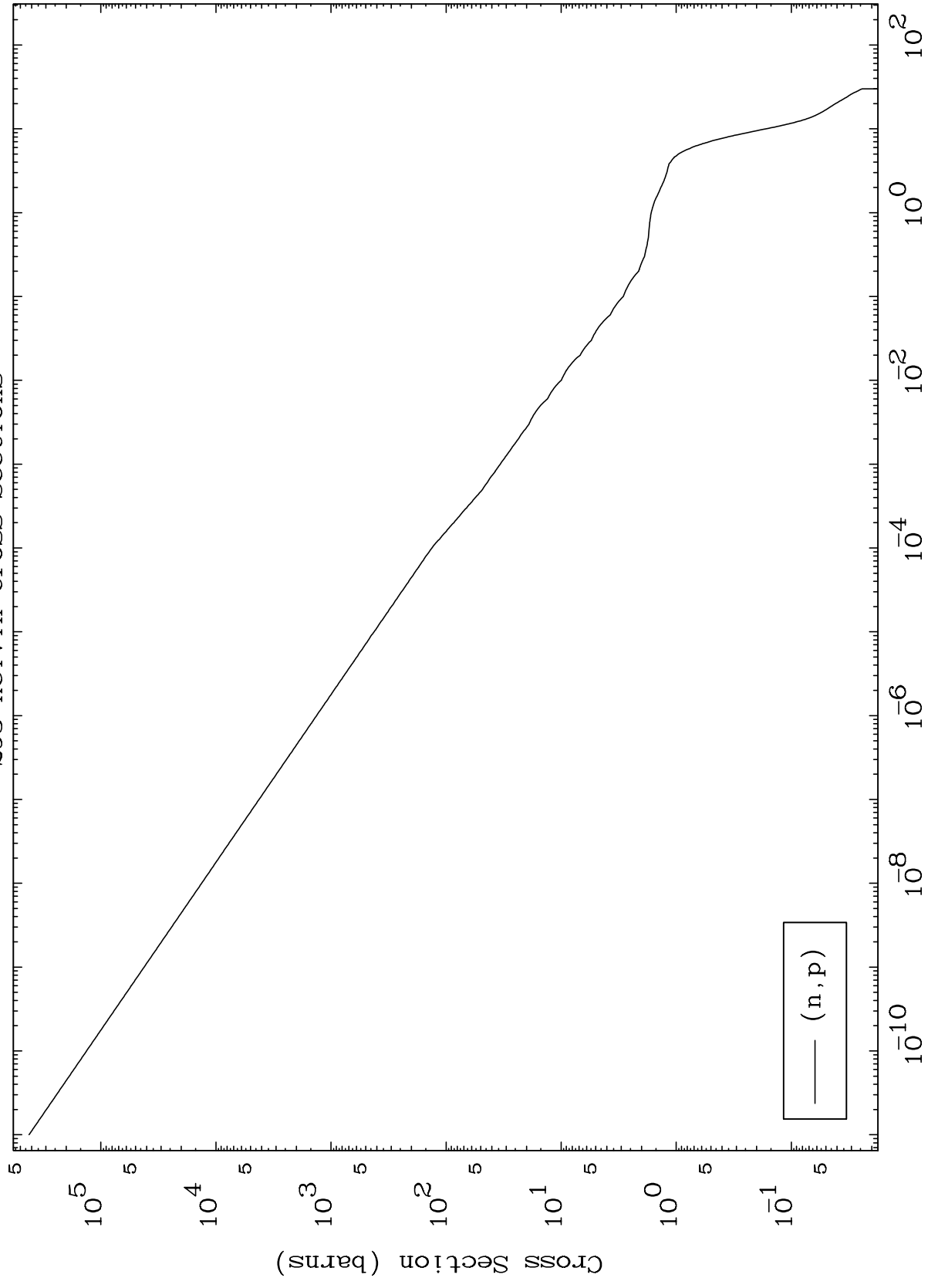
30-Zn-61



MAT 3016

(n,p) Levels  
293 Kelvin Cross Sections

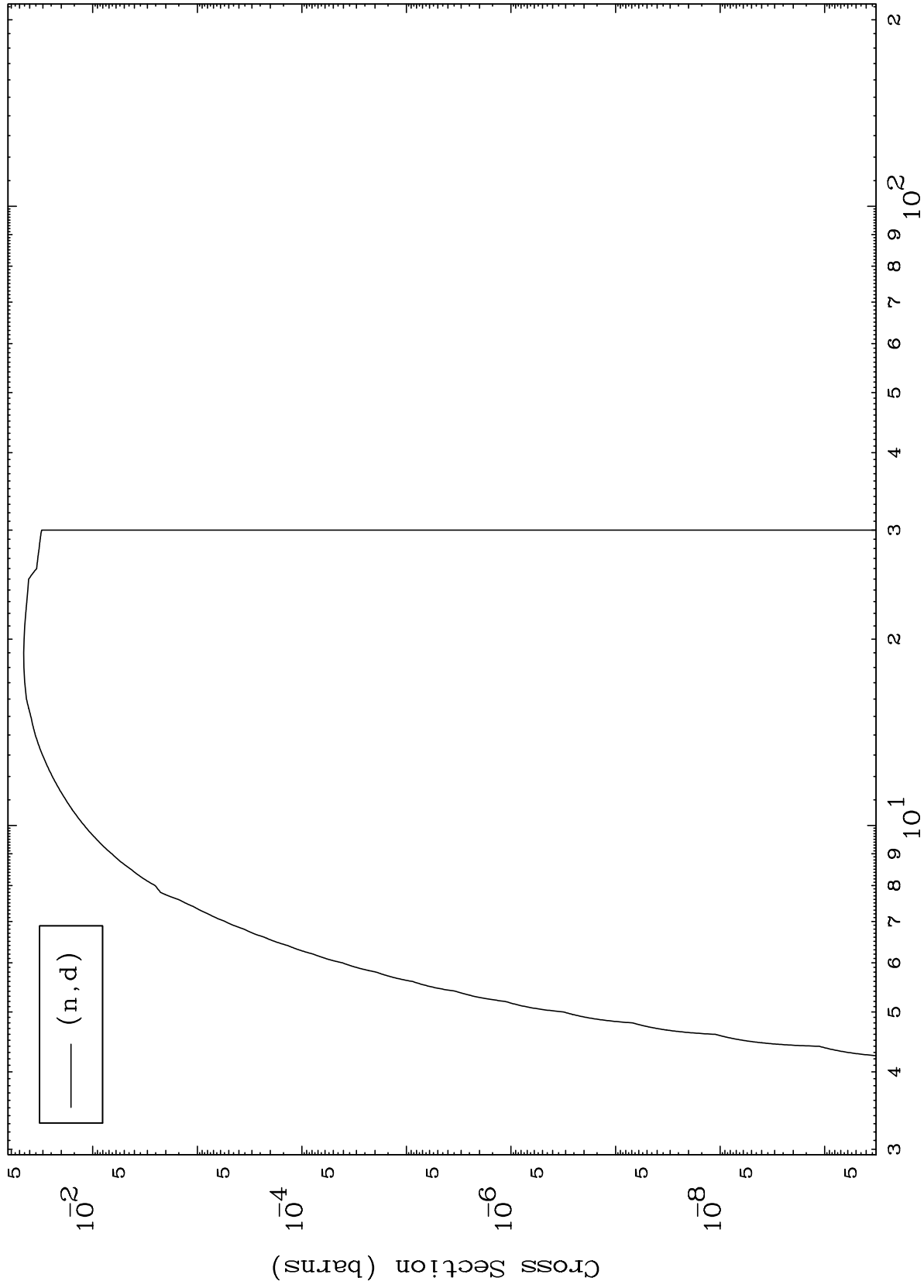
30-Zn-61



MAT 3016

(n,d) Levels  
293 Kelvin Cross Sections

30-Zn-61



9

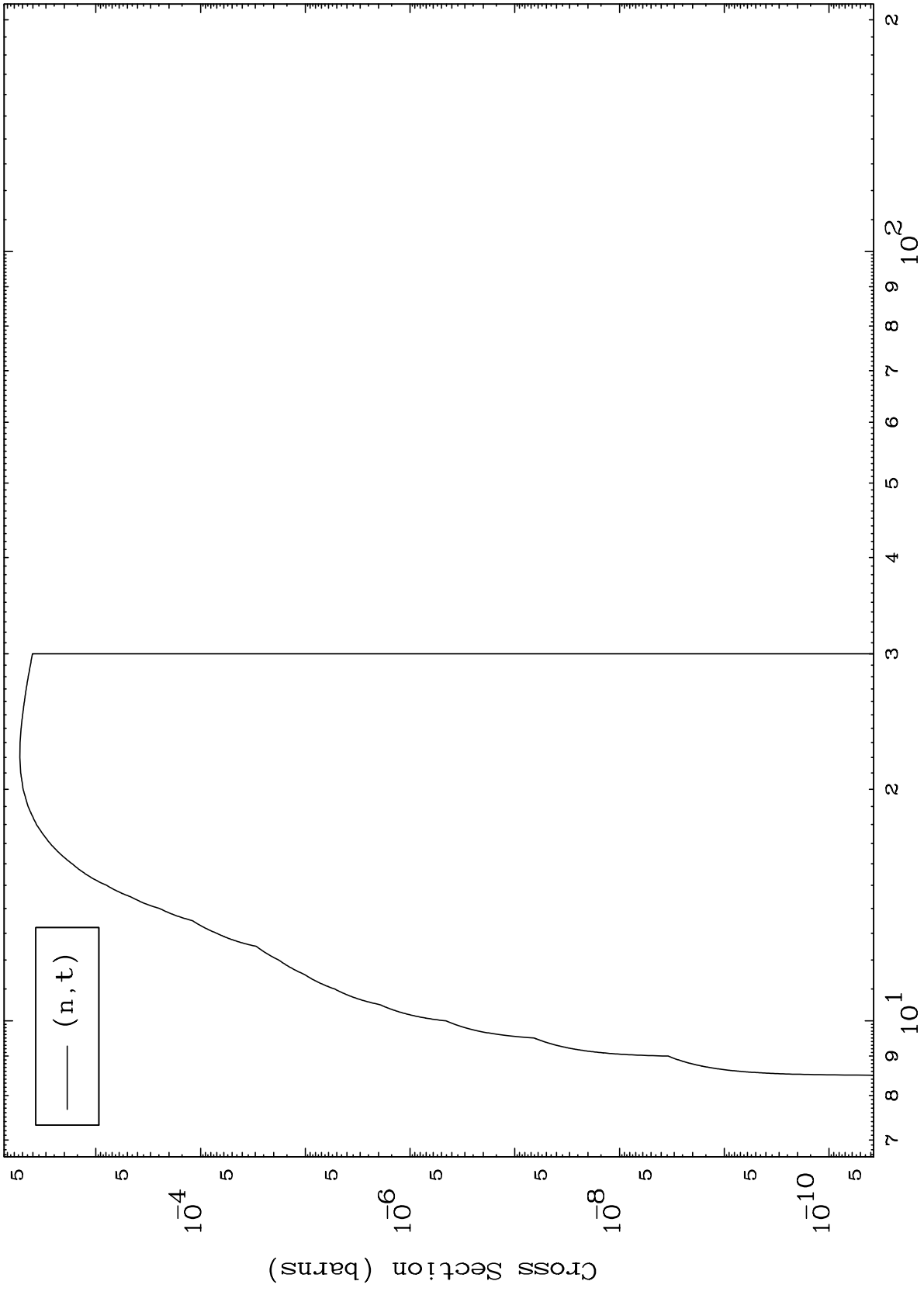
Incident Energy (MeV)

30-Zn-61

MAT 3016

(n,t) Levels  
293 Kelvin Cross Sections

30-Zn-61



10

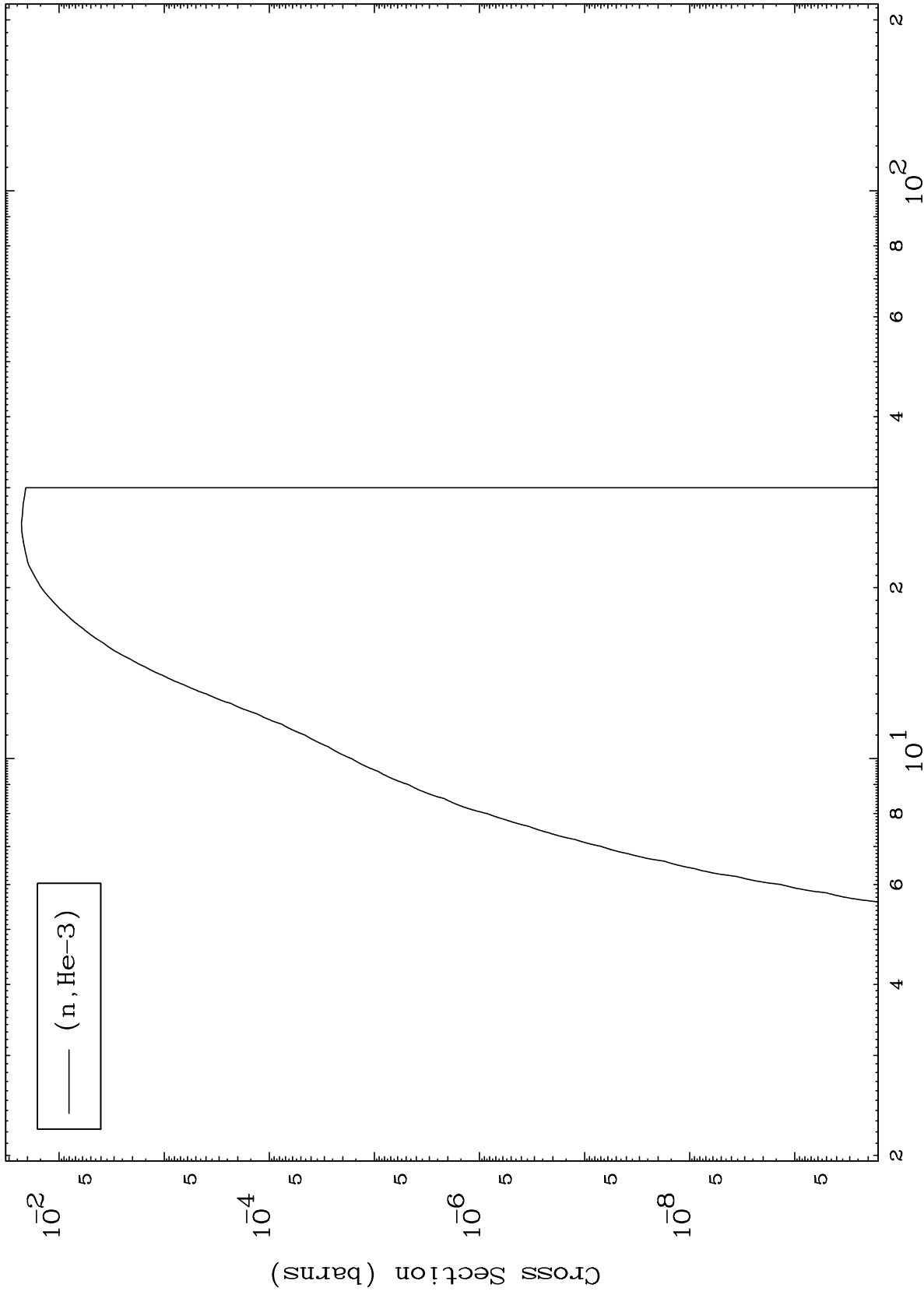
Incident Energy (MeV)

30-Zn-61

MAT 3016

(n,He3) Levels  
293 Kelvin Cross Sections

30-Zn-61



11

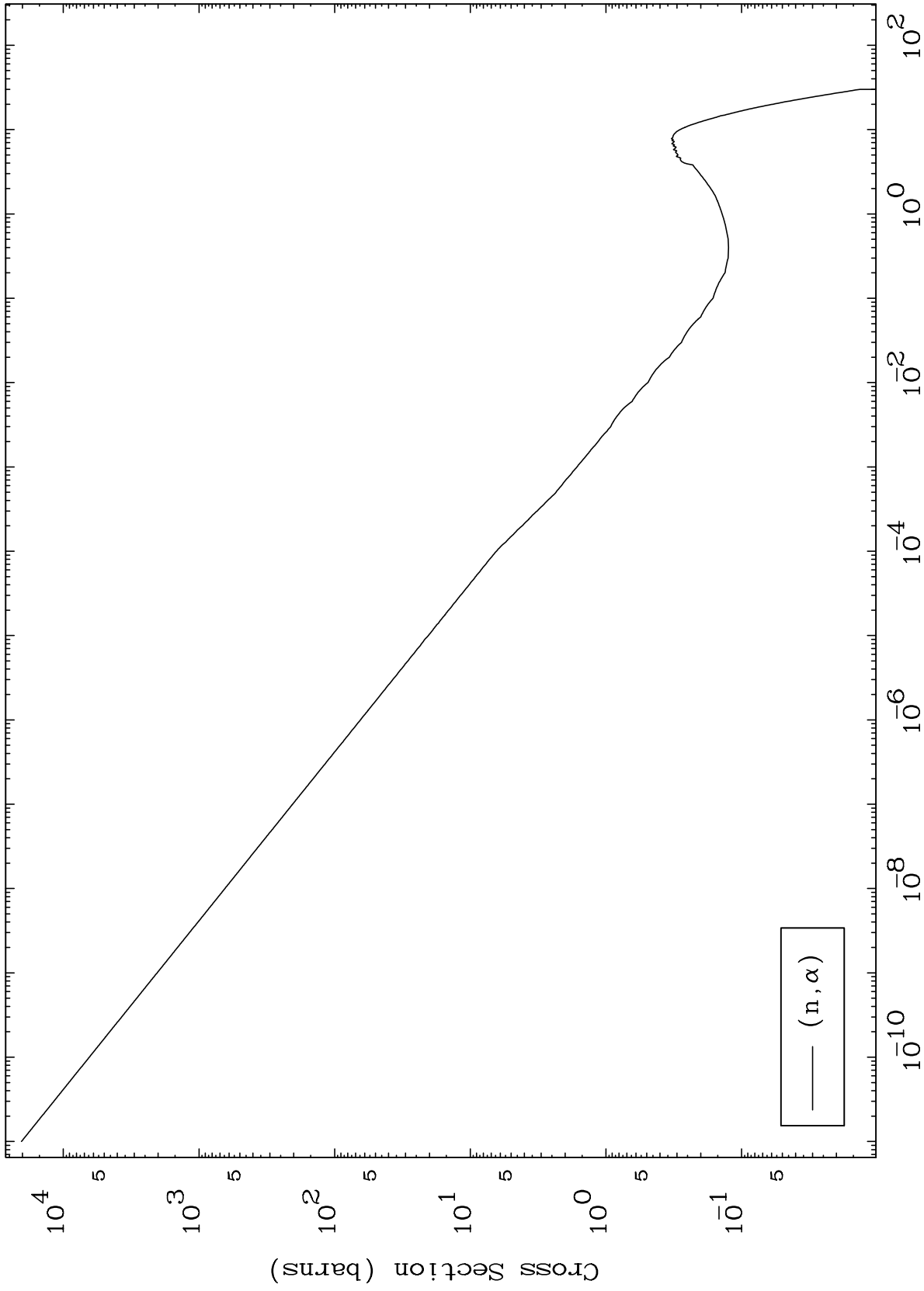
Incident Energy (MeV)

30-Zn-61

MAT 3016

(n,α) Levels  
293 Kelvin Cross Sections

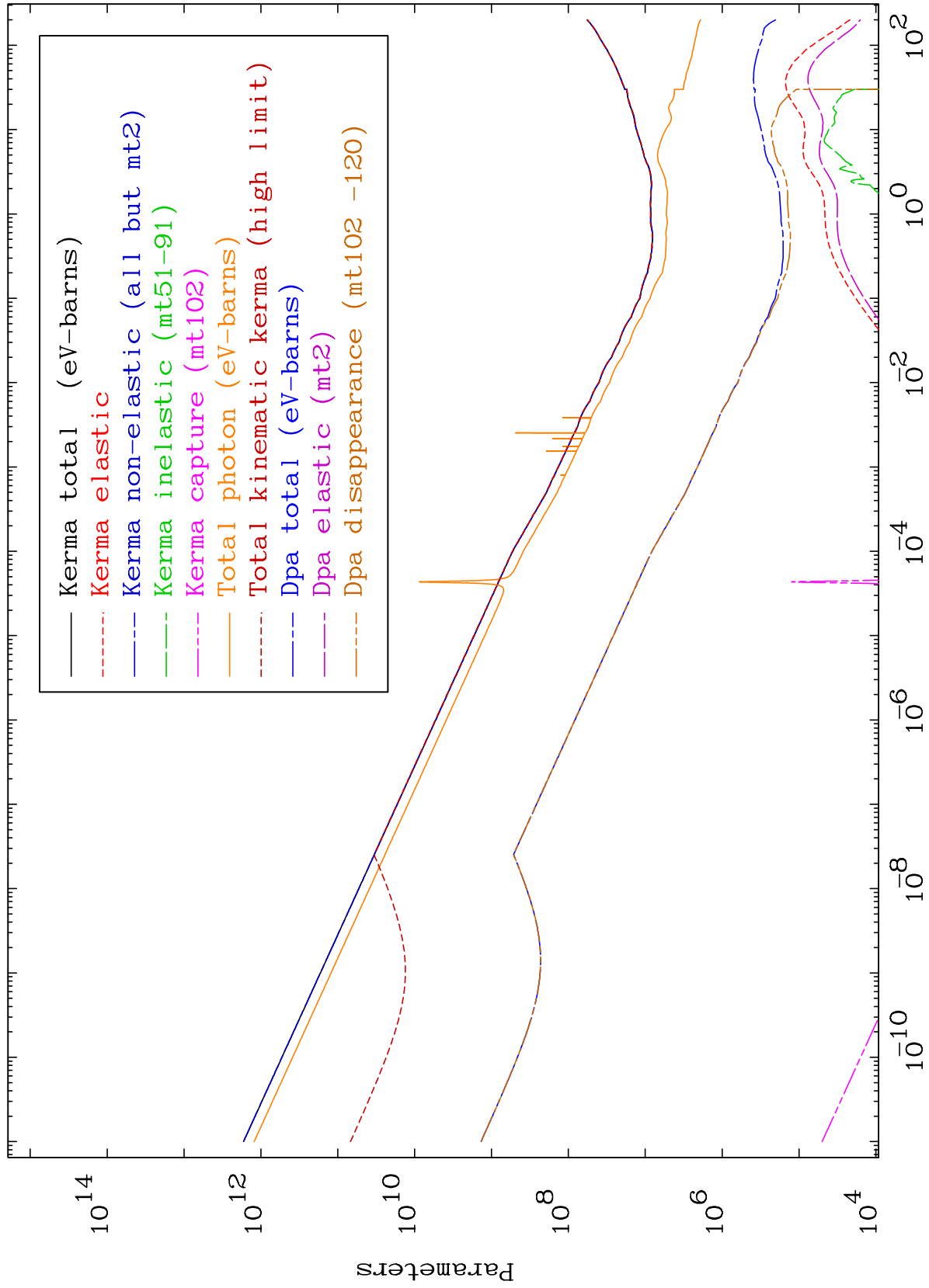
30-Zn-61

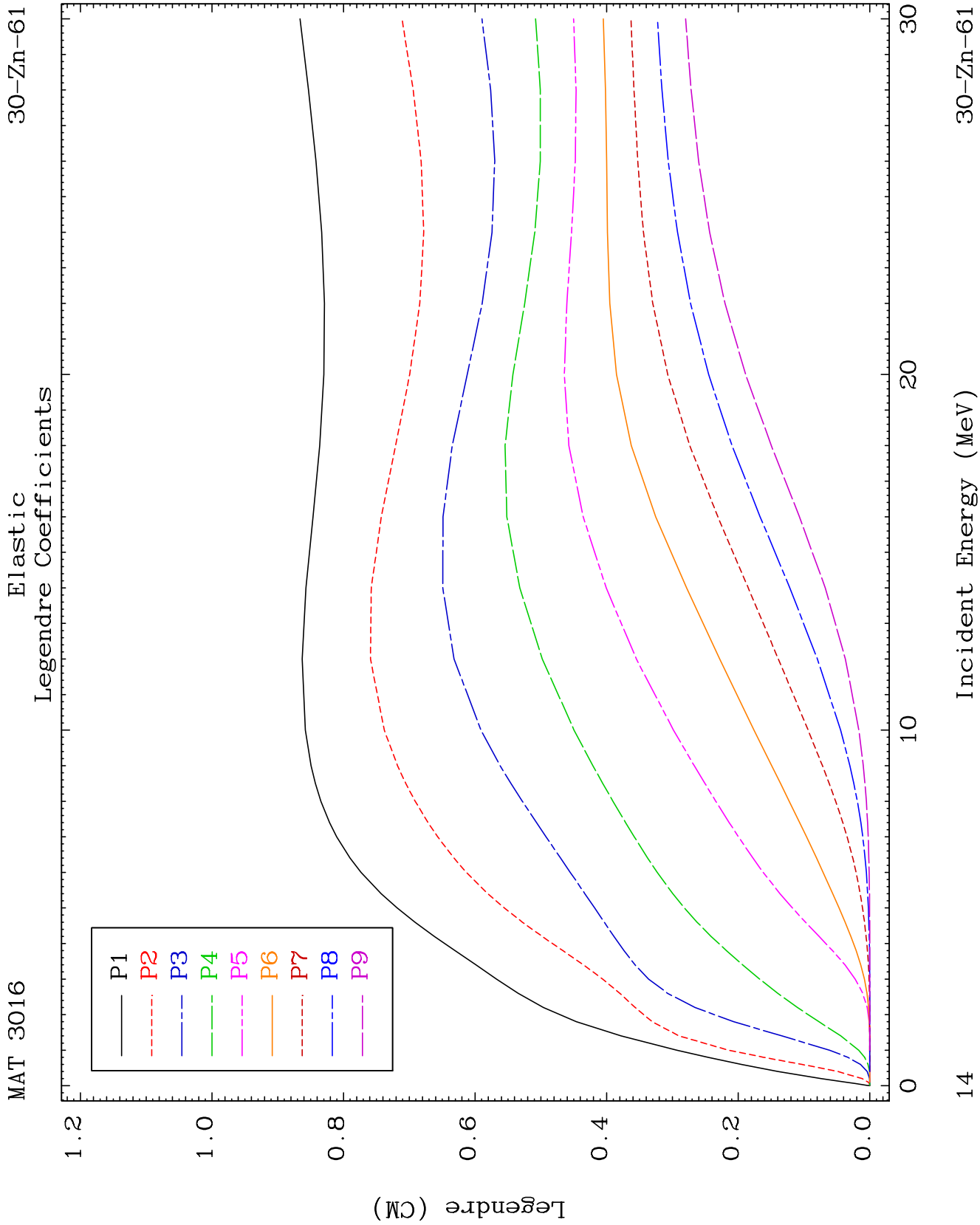


12

Incident Energy (MeV)

30-Zn-61

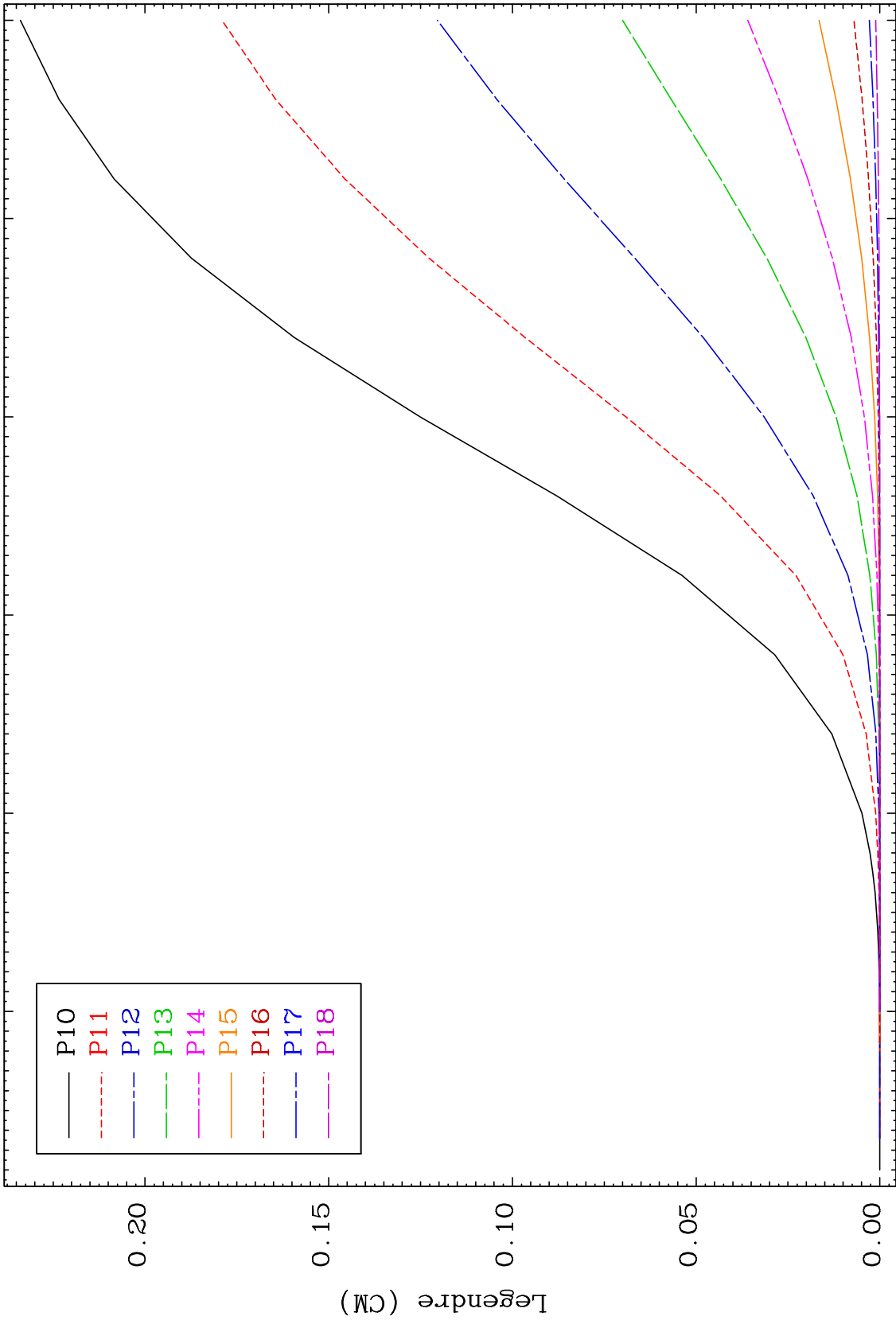




MAT 3016

Elastic Legendre Coefficients

30-Zn-61



15

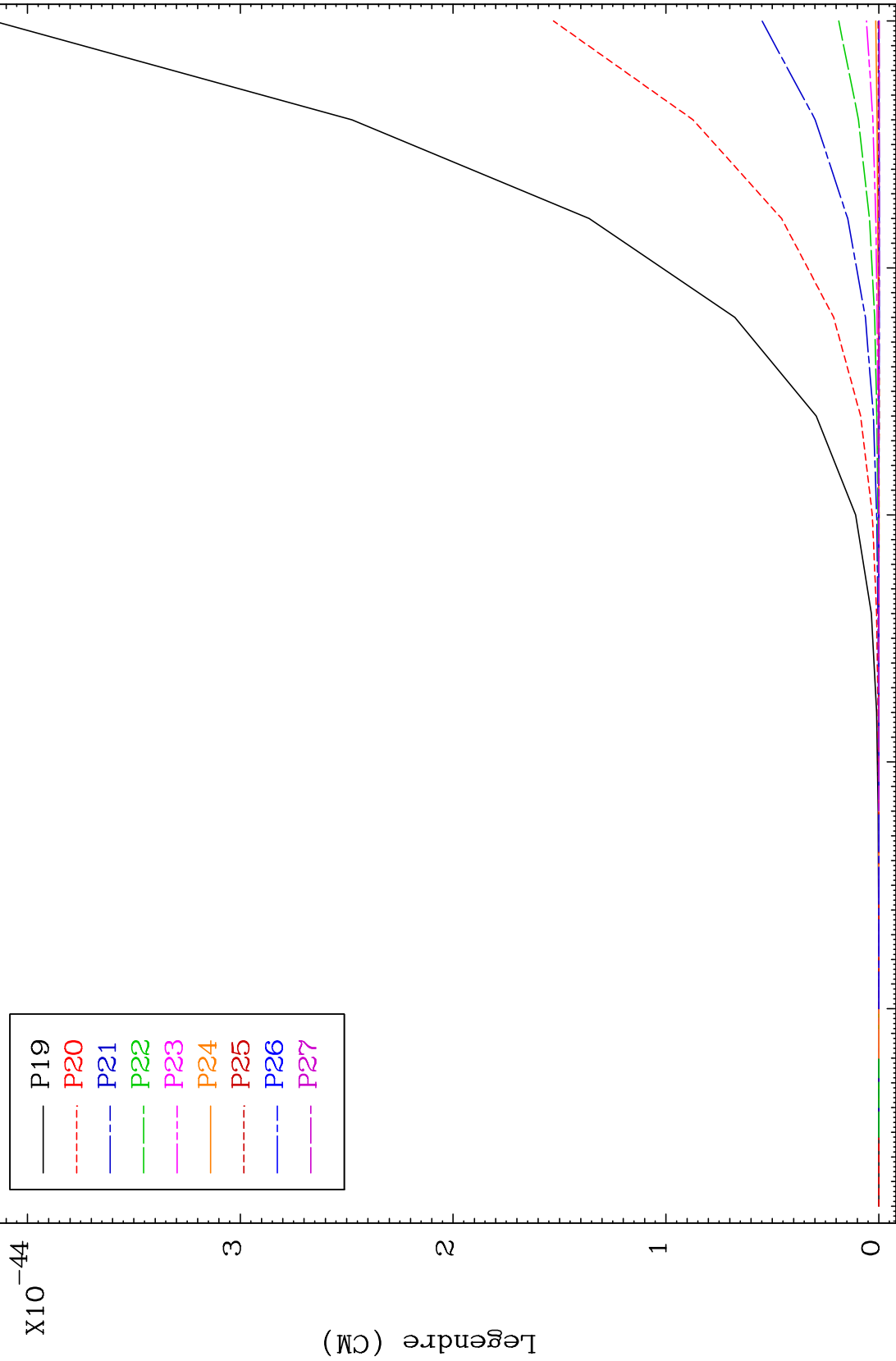
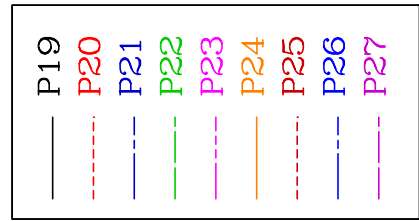
Incident Energy (MeV)

30-Zn-61

MAT 3016

Elastic Legendre Coefficients

30-Zn-61



16

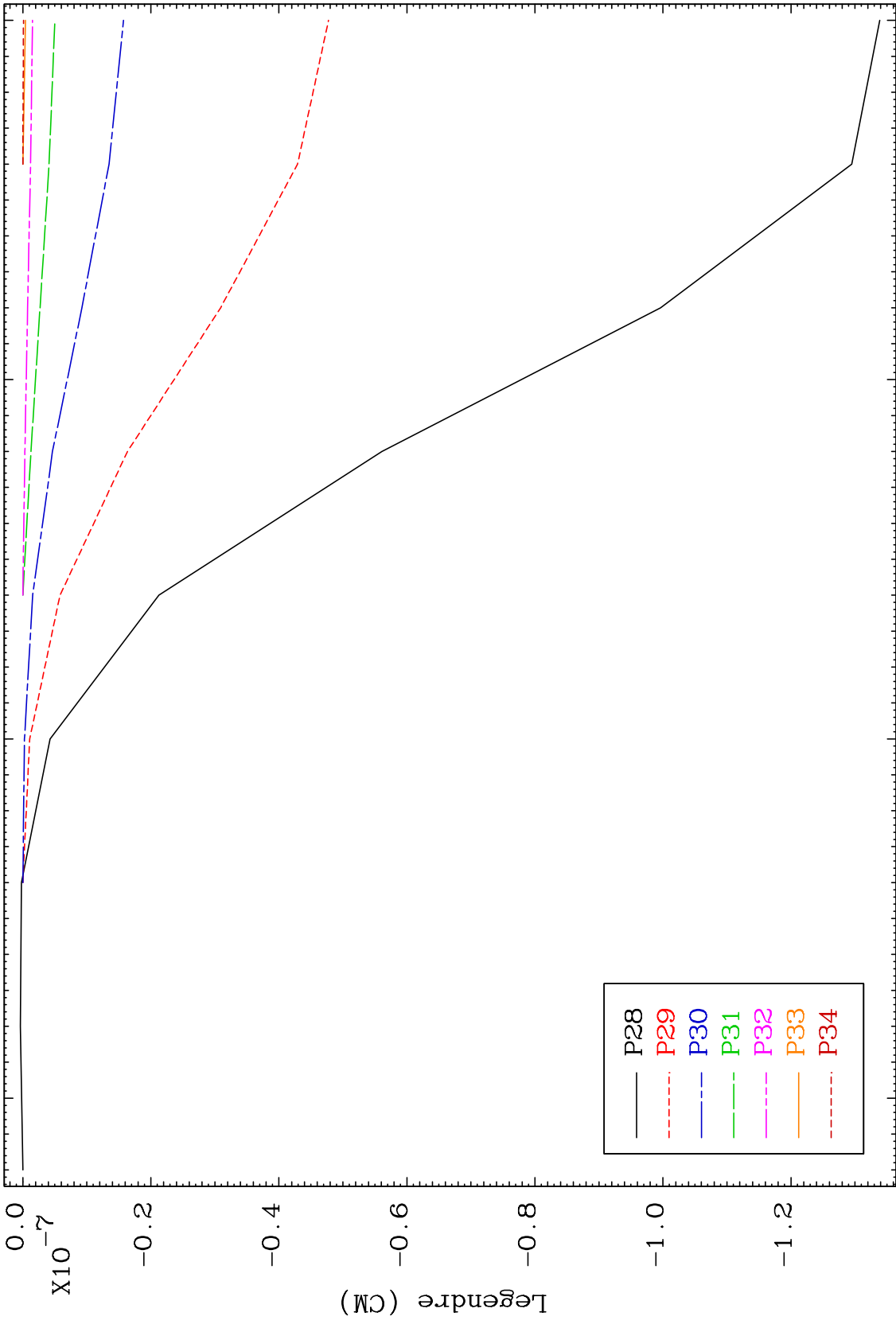
Incident Energy (MeV)

30-Zn-61

MAT 3016

30-Zn-61

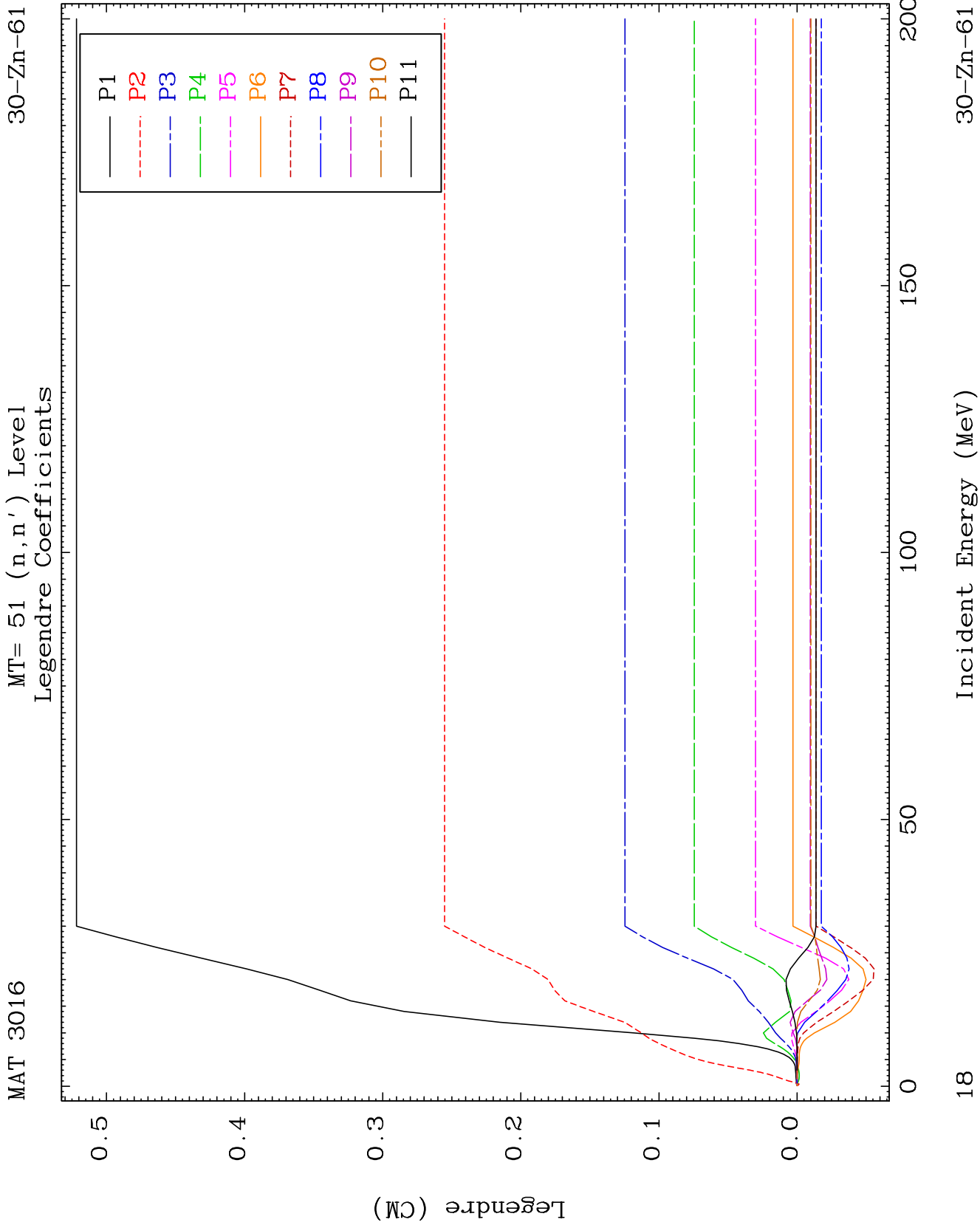
Elastic Legendre Coefficients

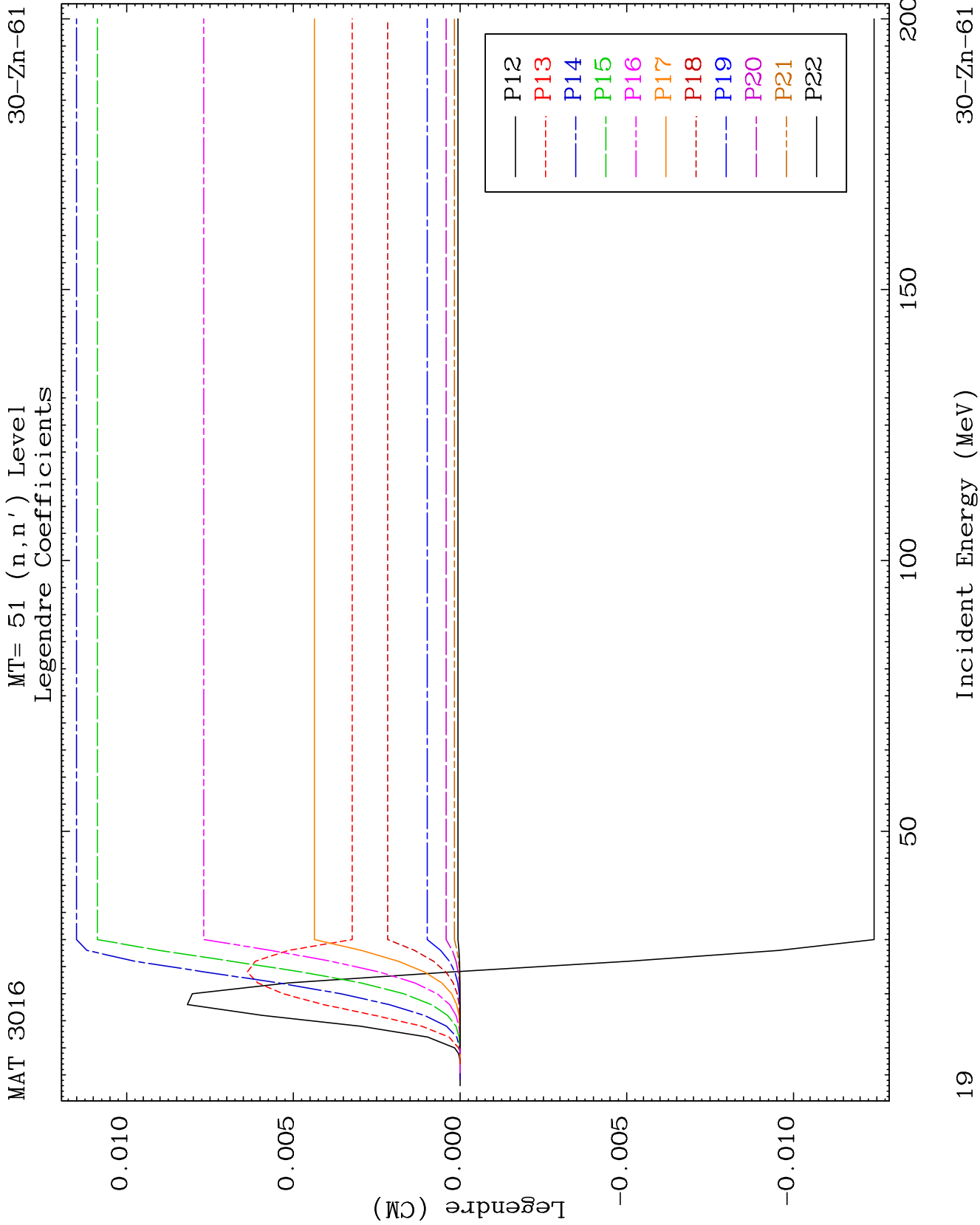


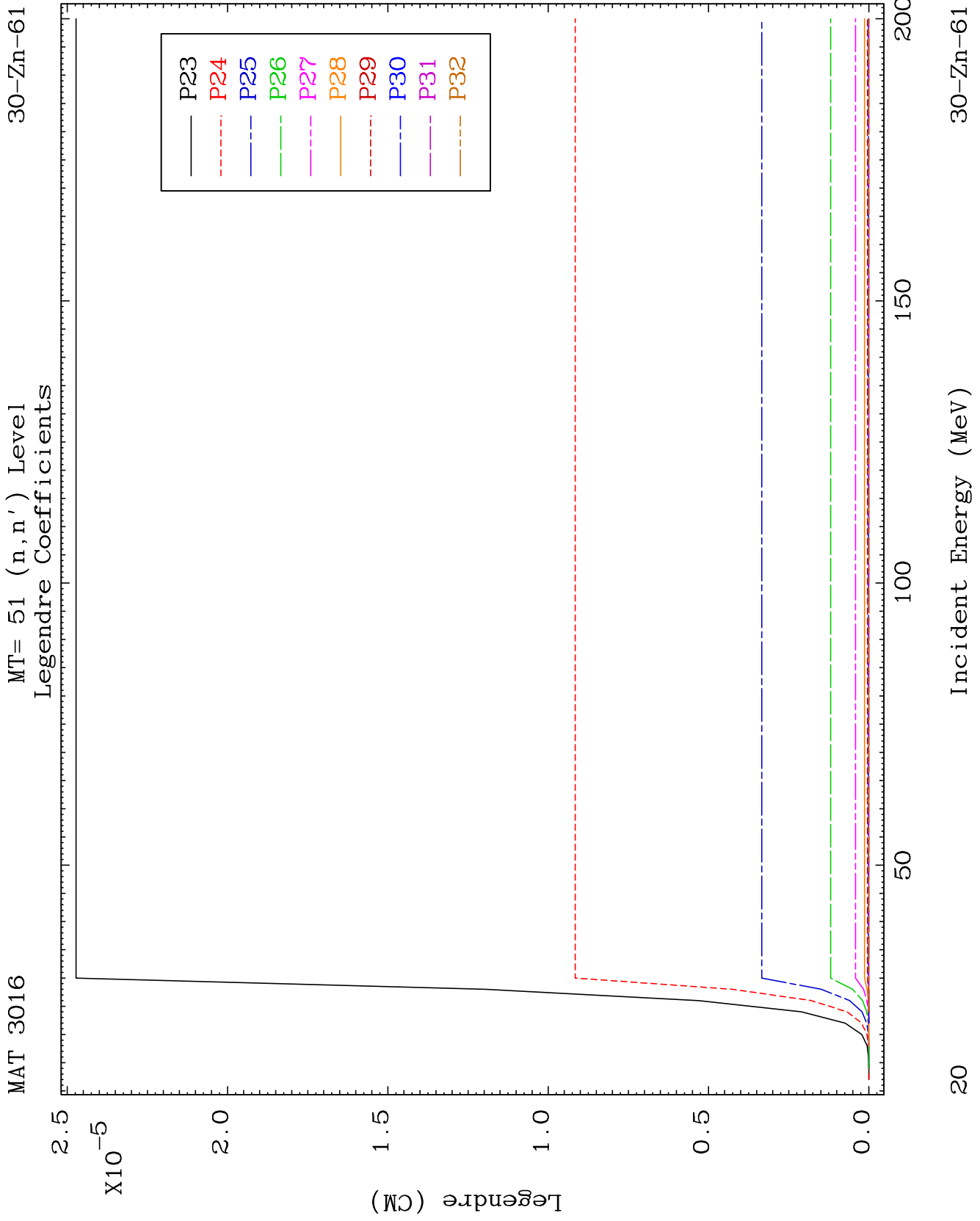
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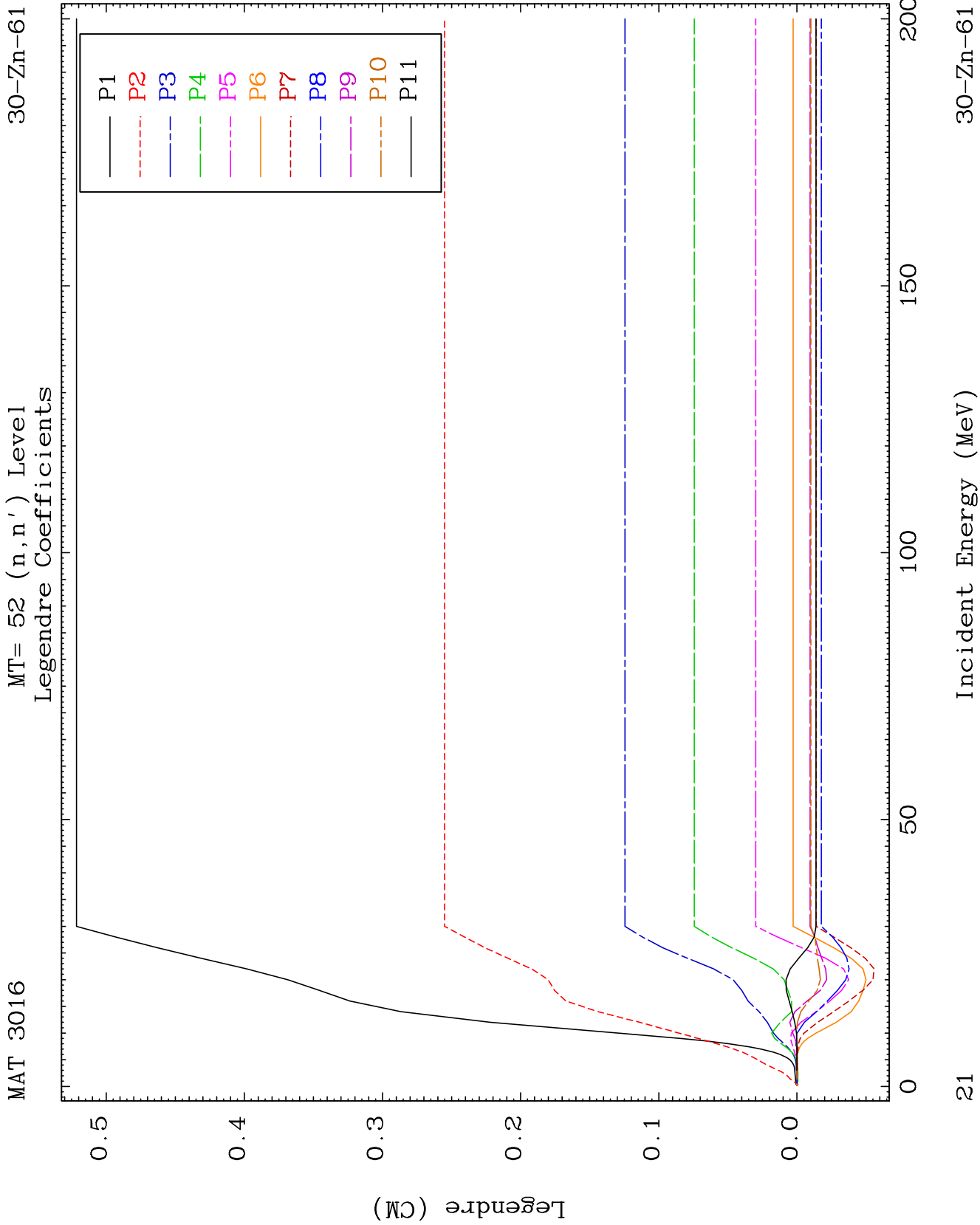
Incident Energy (MeV)

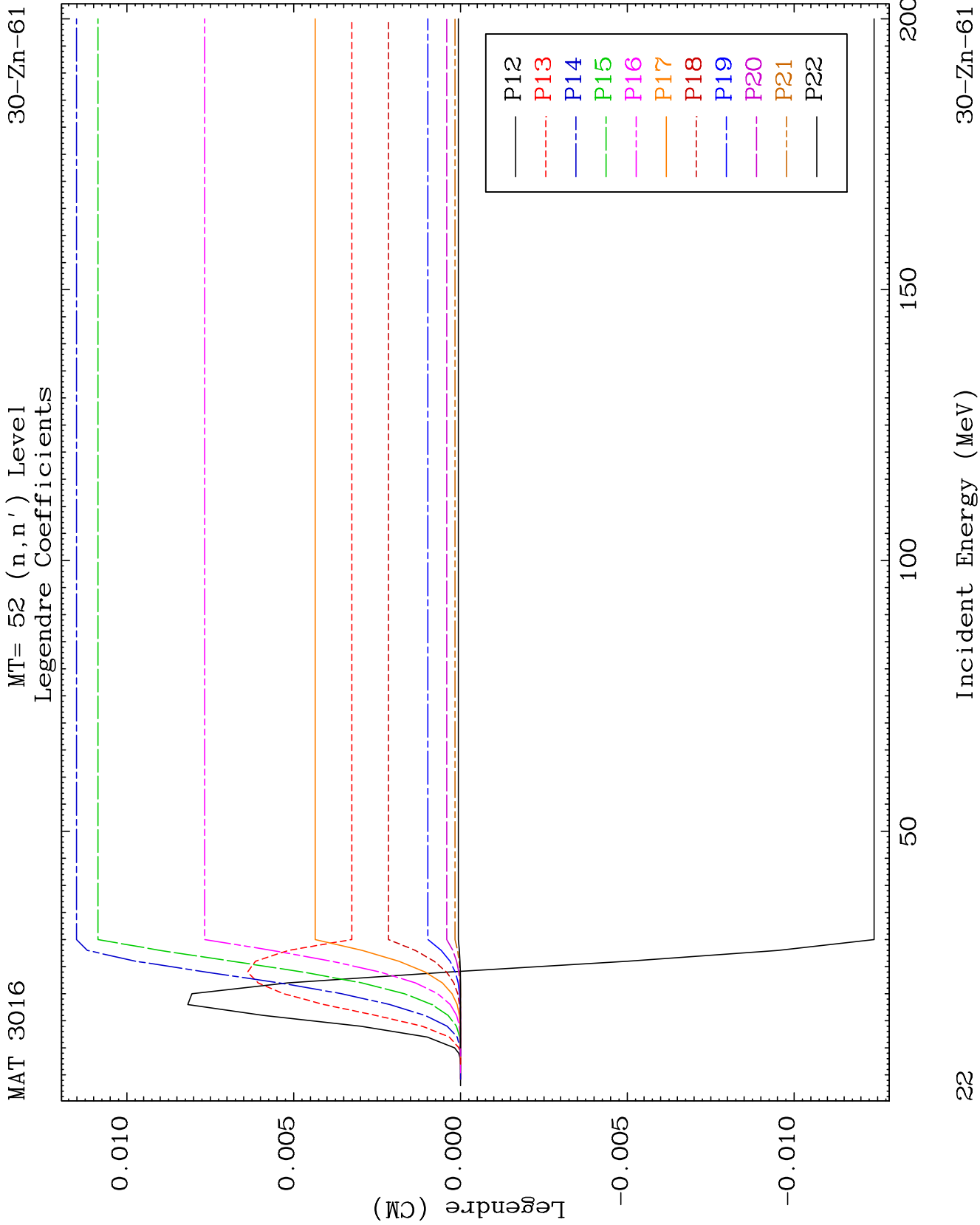
30-Zn-61



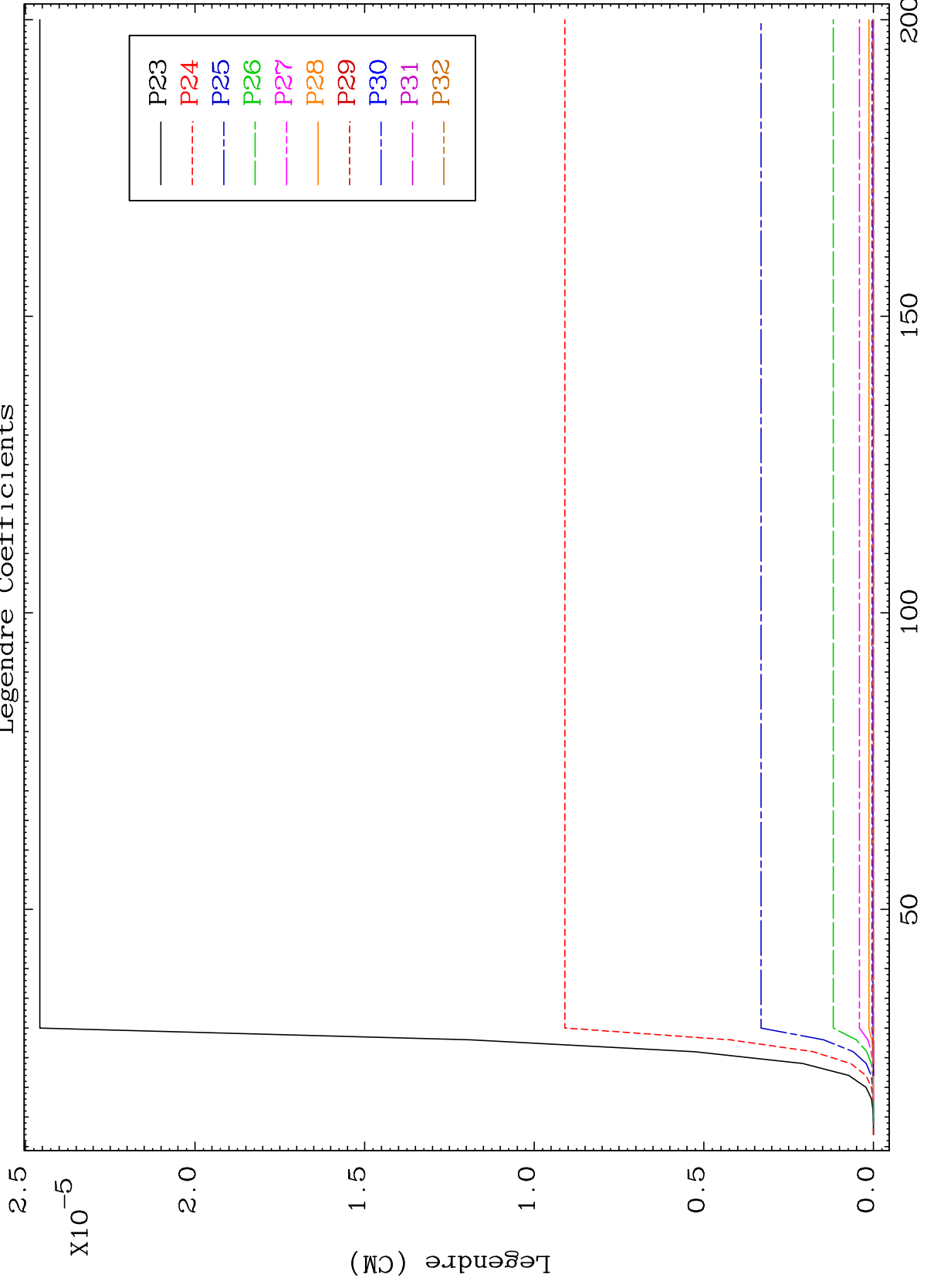


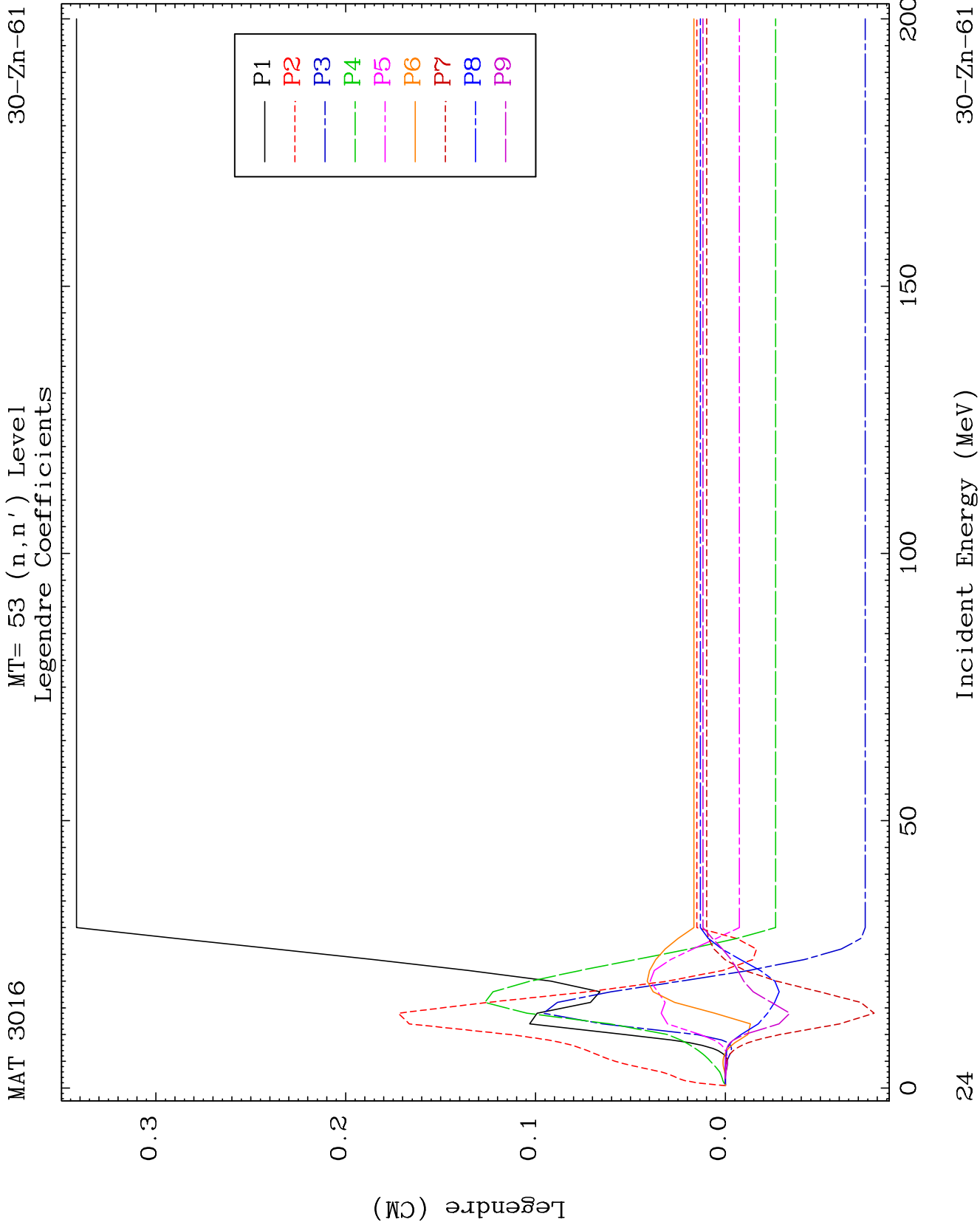






MAT 3016 MT= 52 (n,n') Level Legendre Coefficients 30-Zn-61

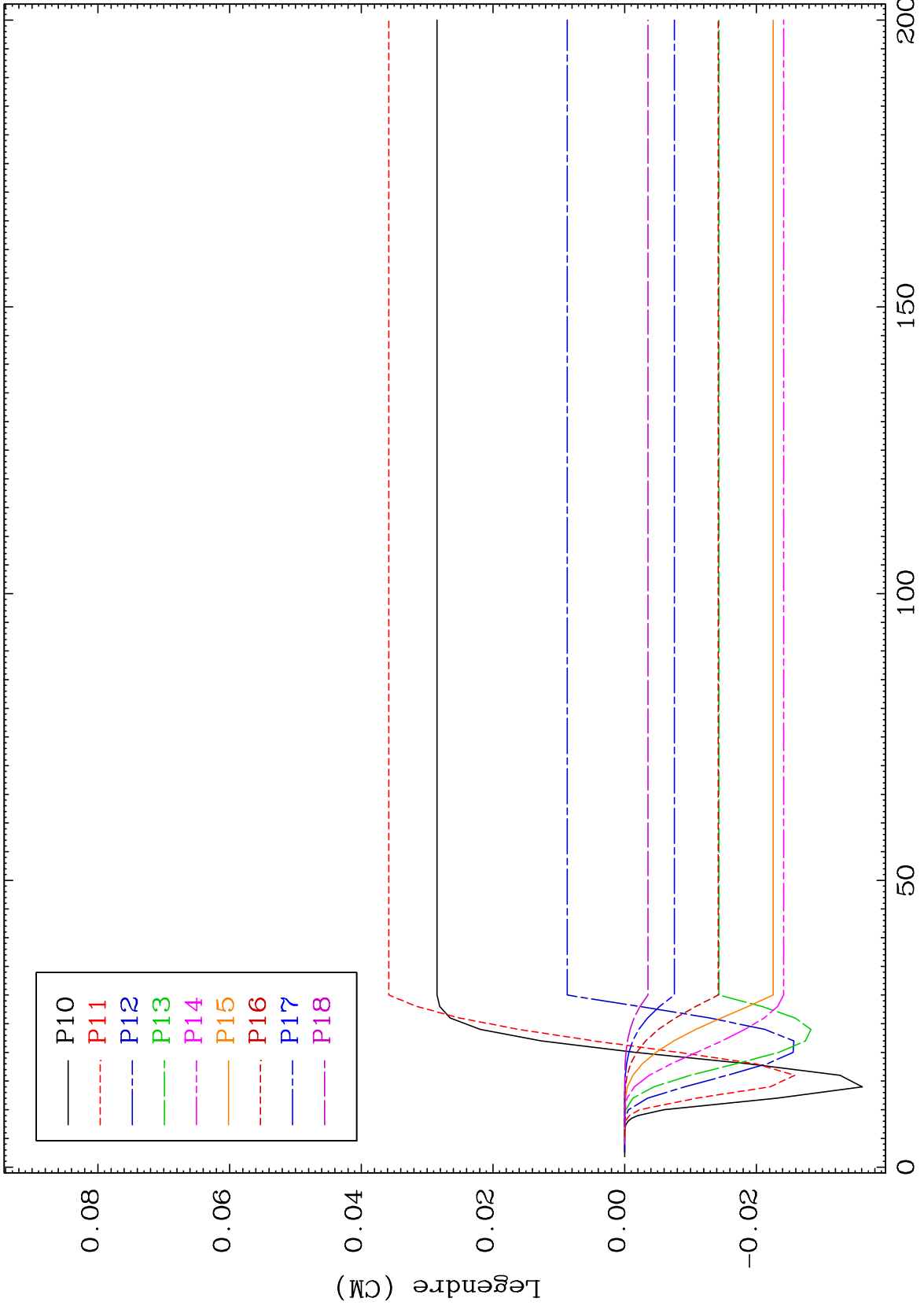




MAT 3016

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

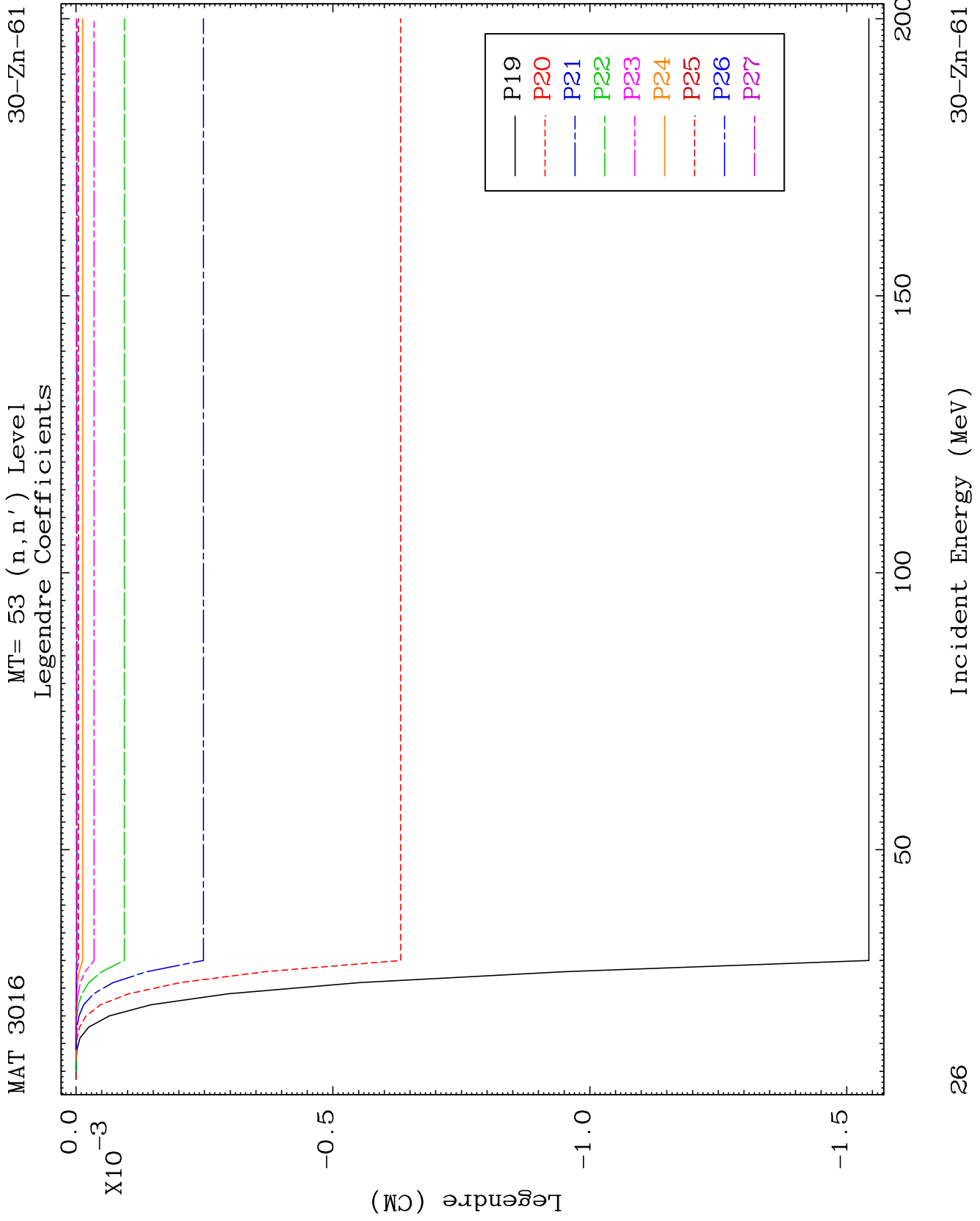
30-Zn-61



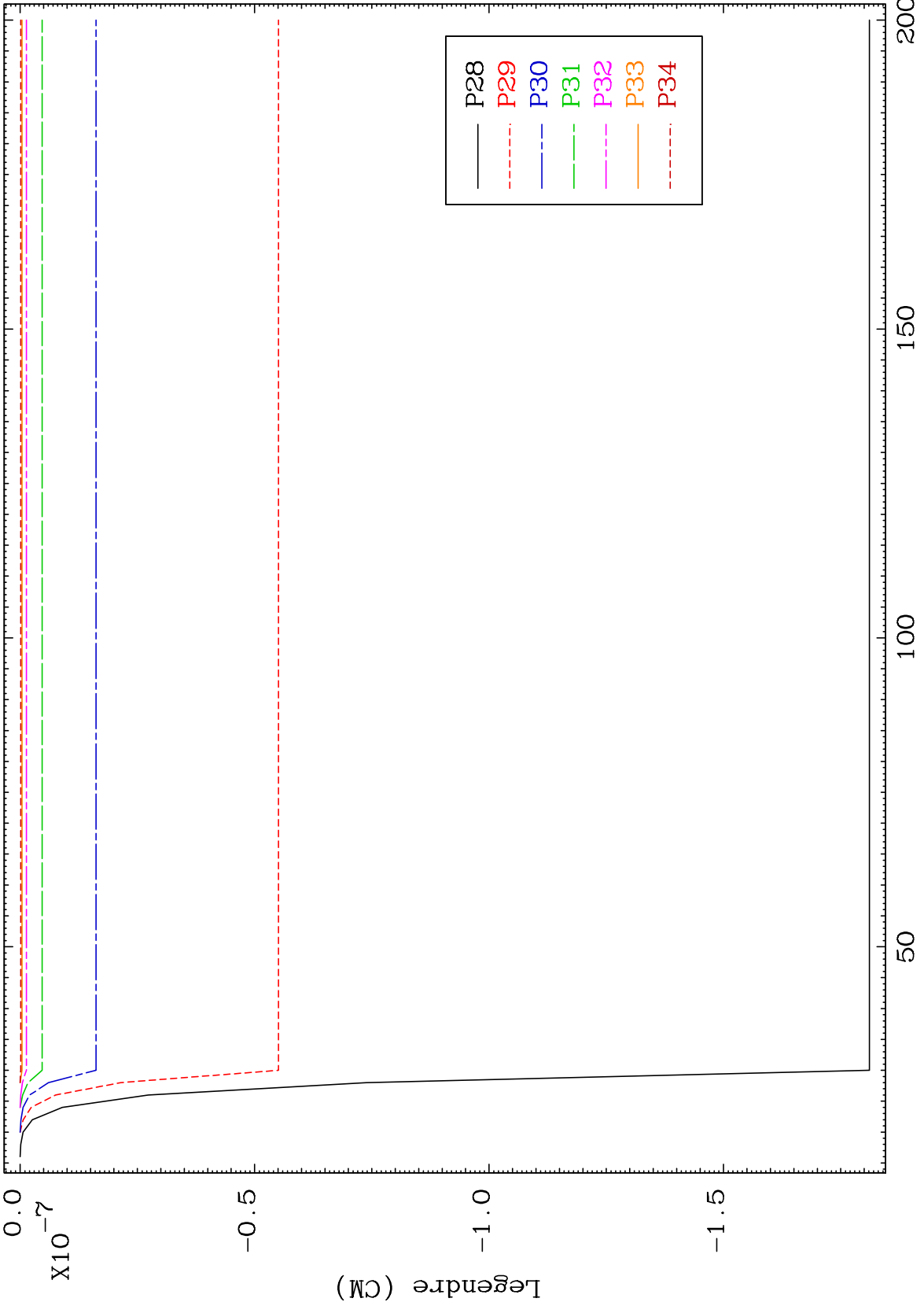
25

Incident Energy (MeV)

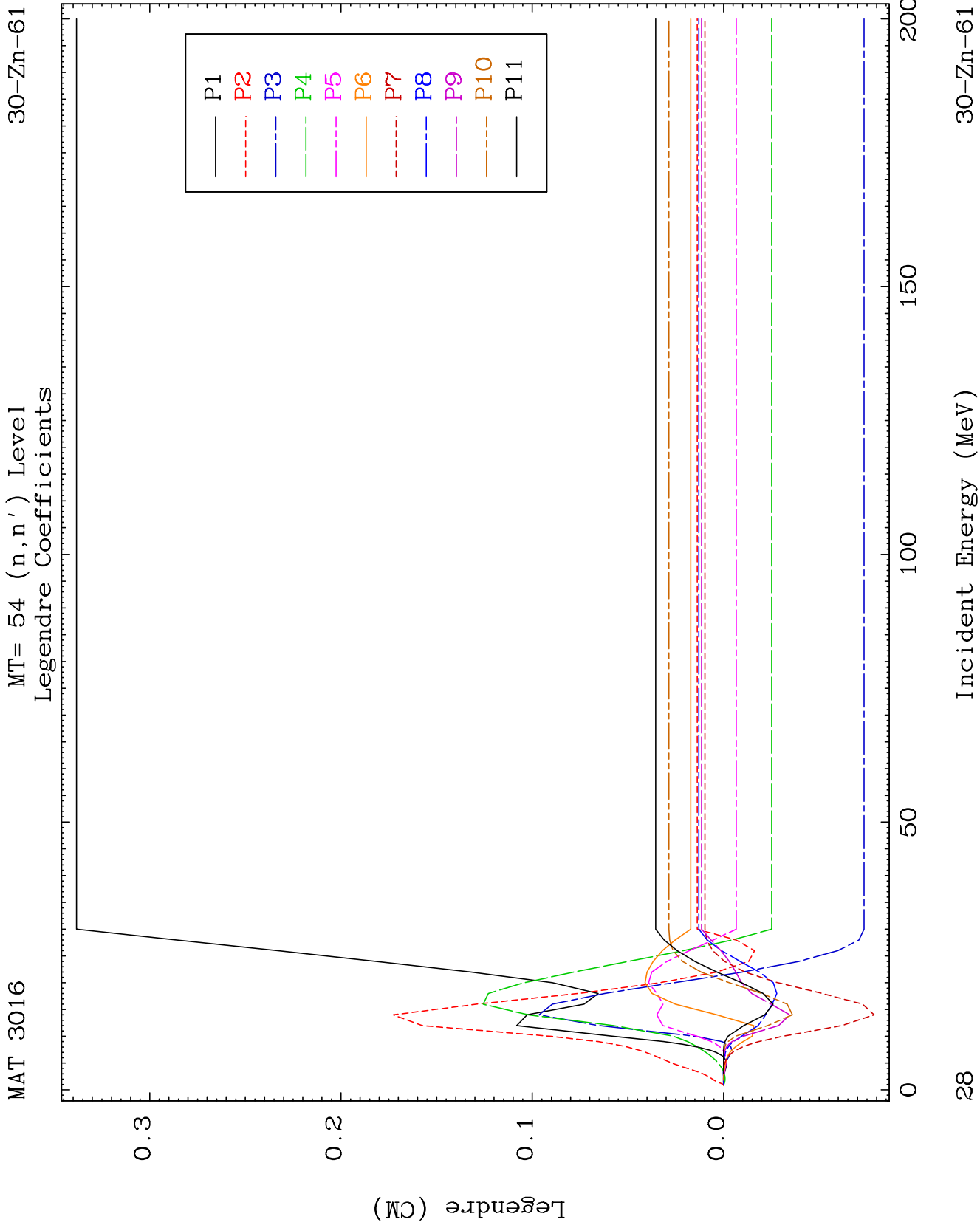
30-Zn-61



MAT 3016 MT= 53 (n,n') Level Legendre Coefficients 30-Zn-61



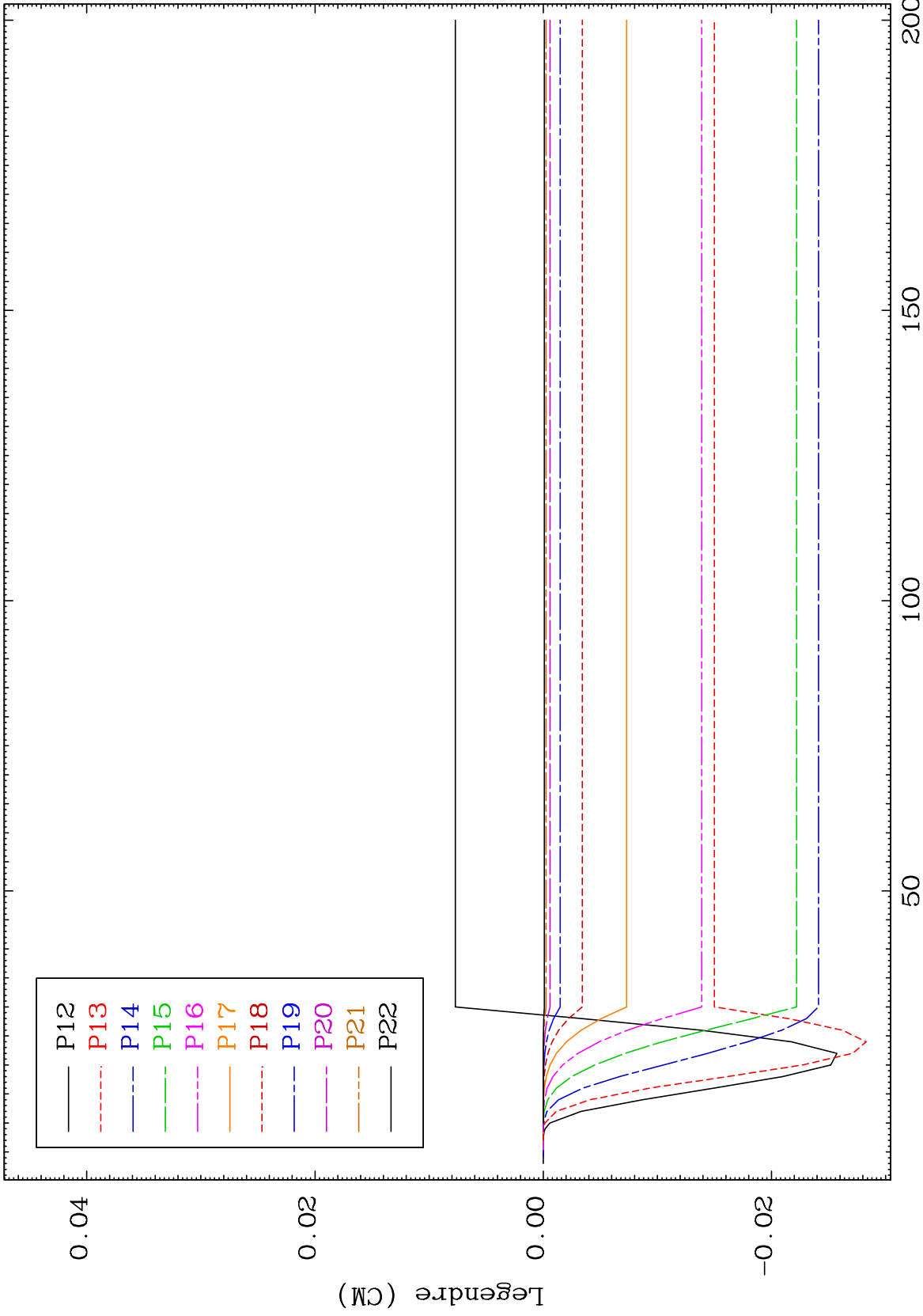
27 Incident Energy (MeV) 30-Zn-61



MAT 3016

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

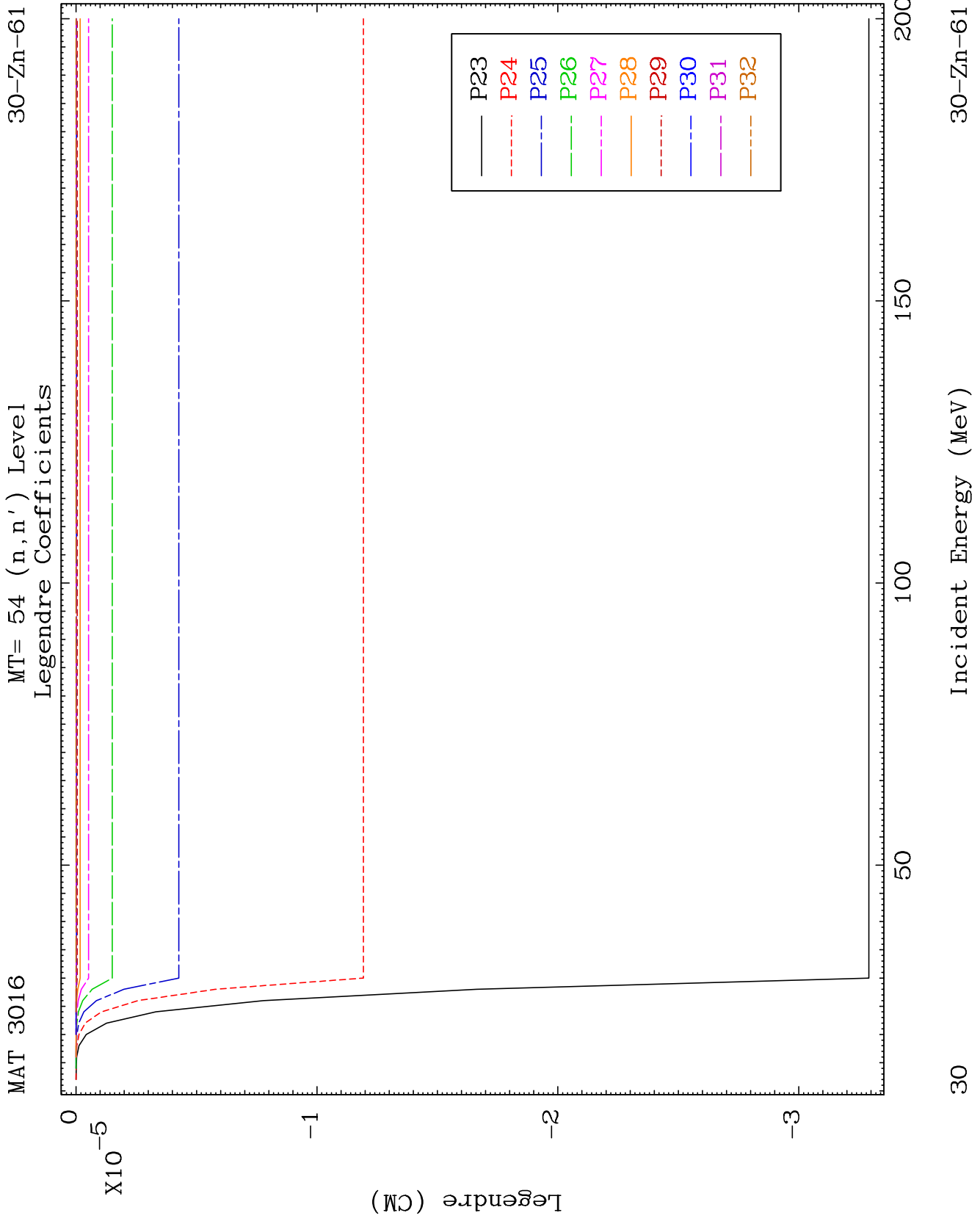
30-Zn-61

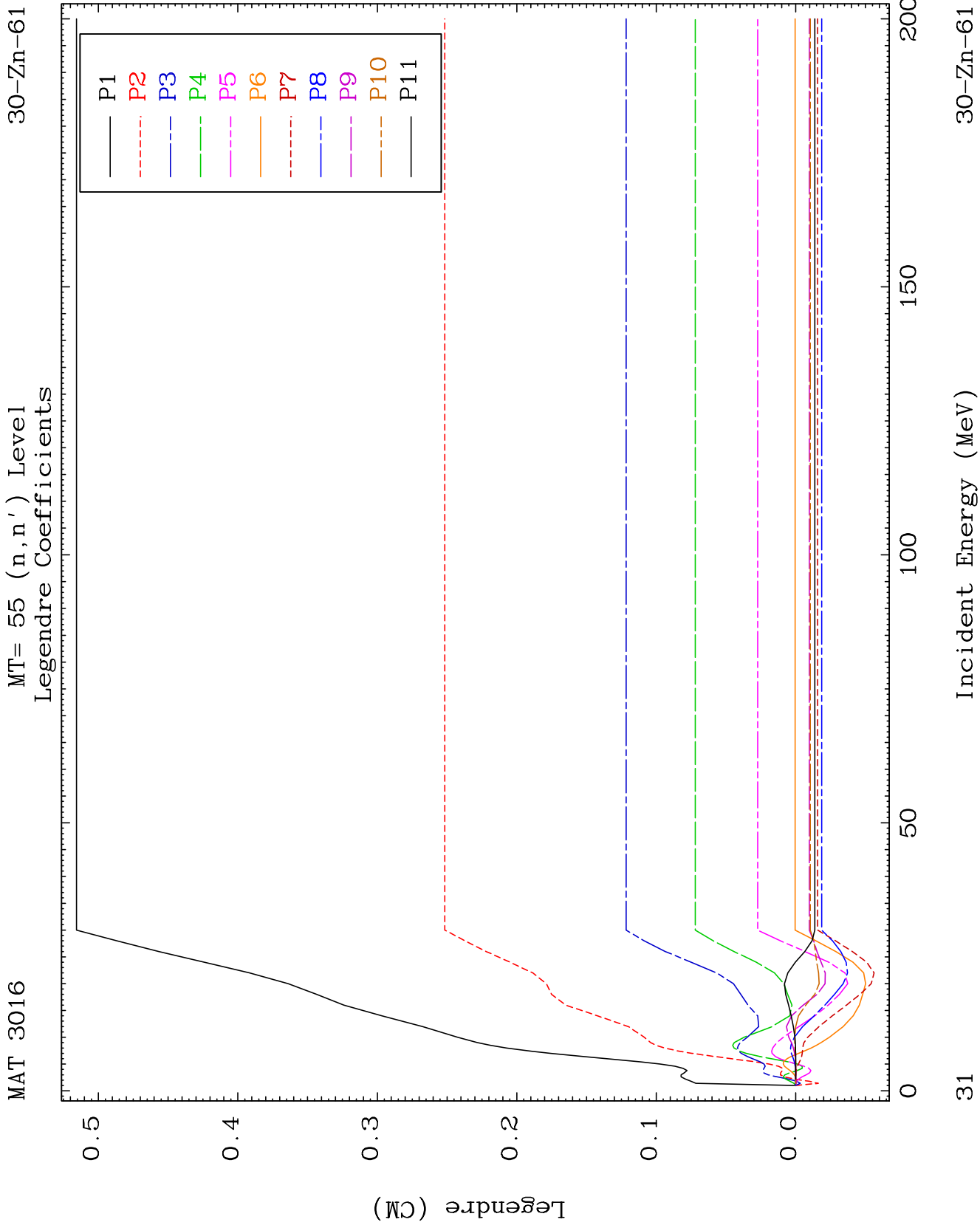


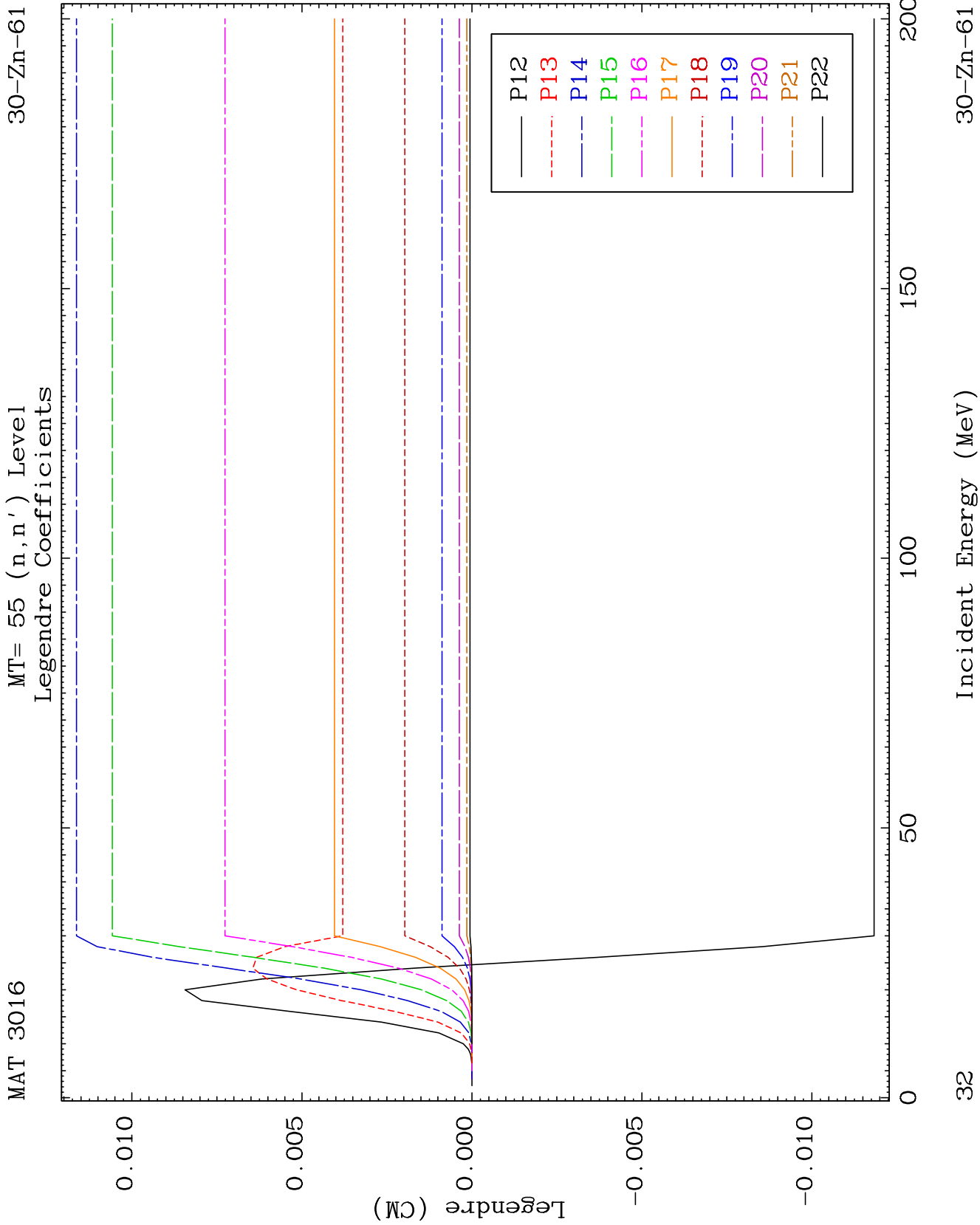
29

Incident Energy (MeV)

30-Zn-61



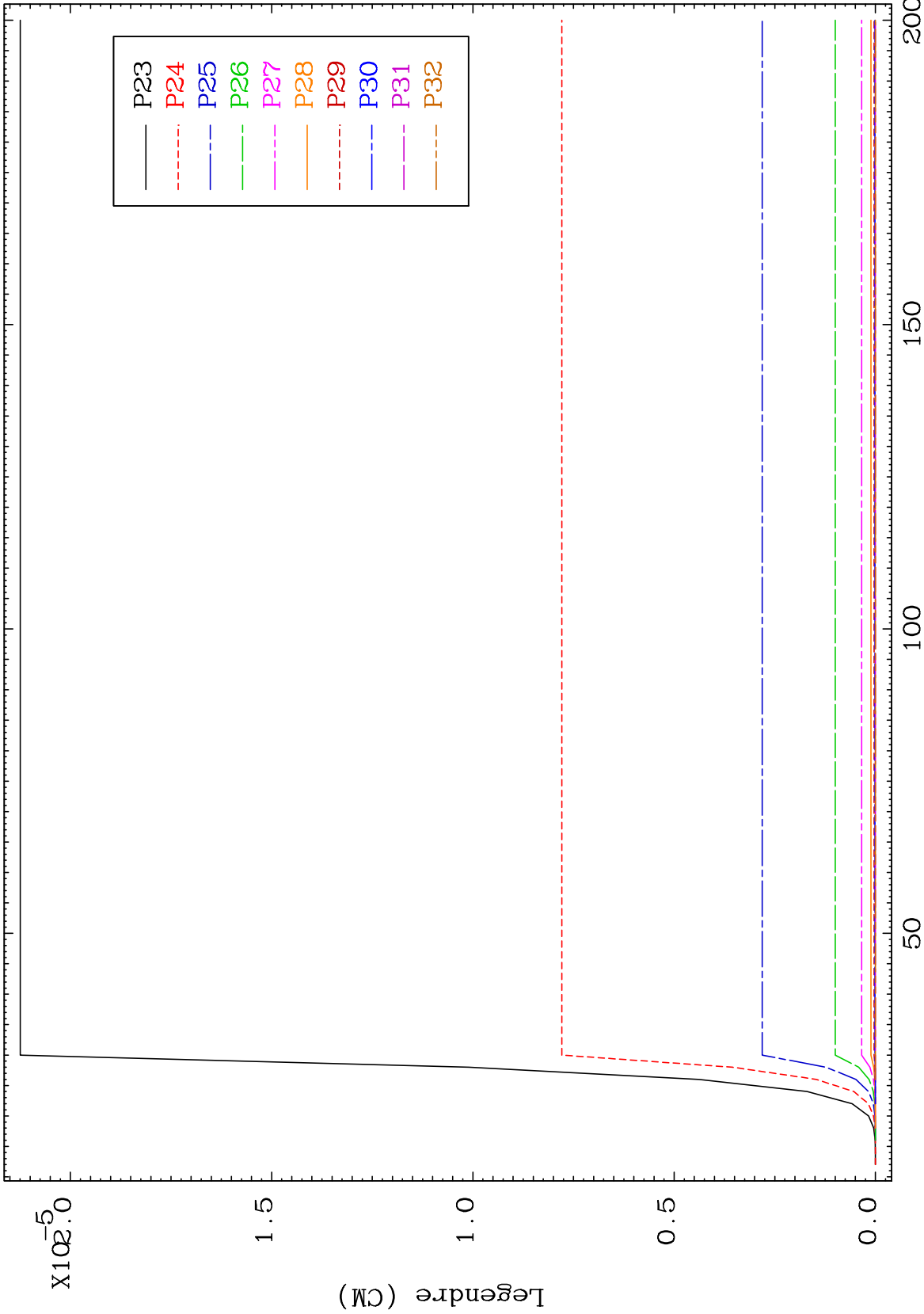




MAT 3016

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

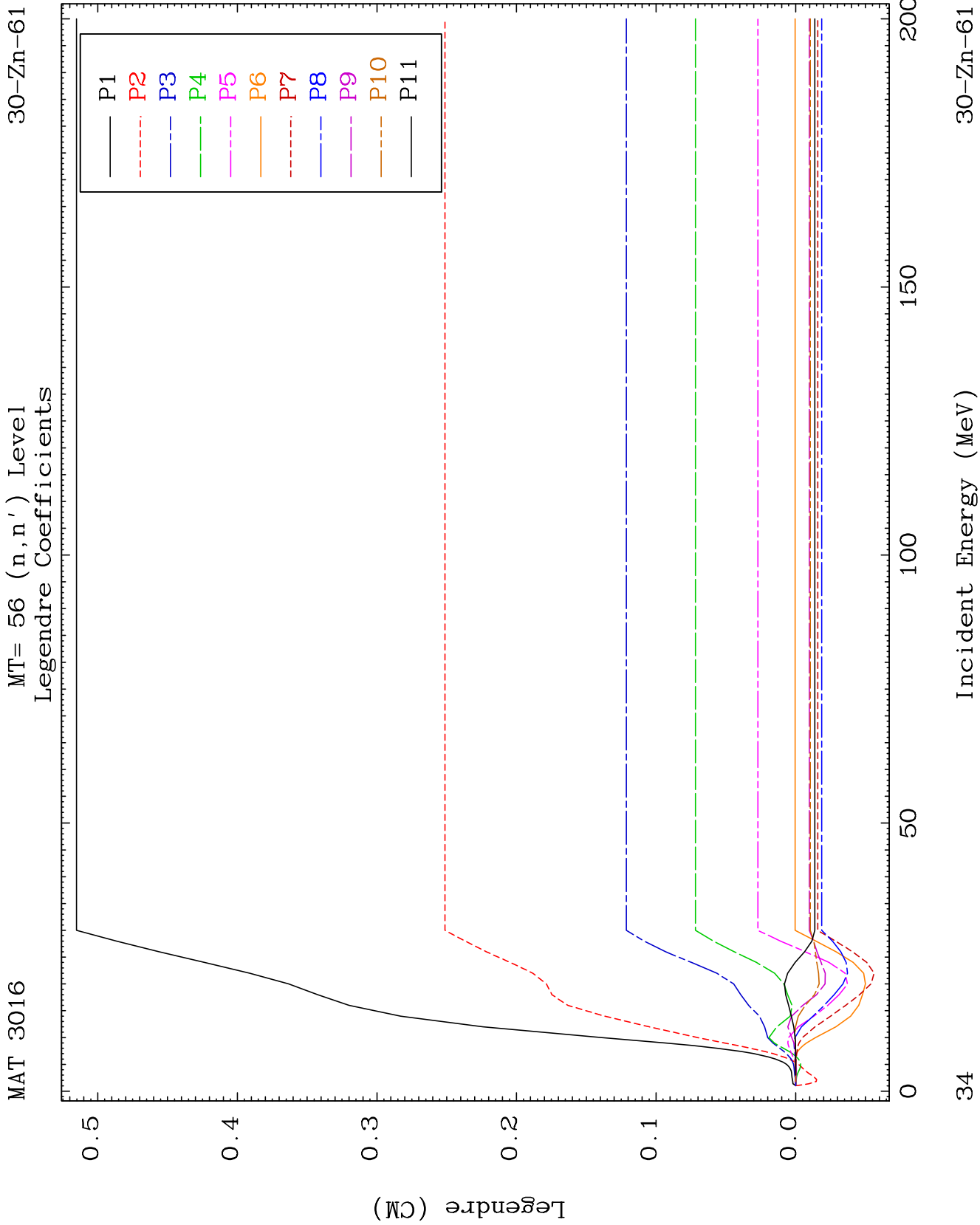
30-Zn-61

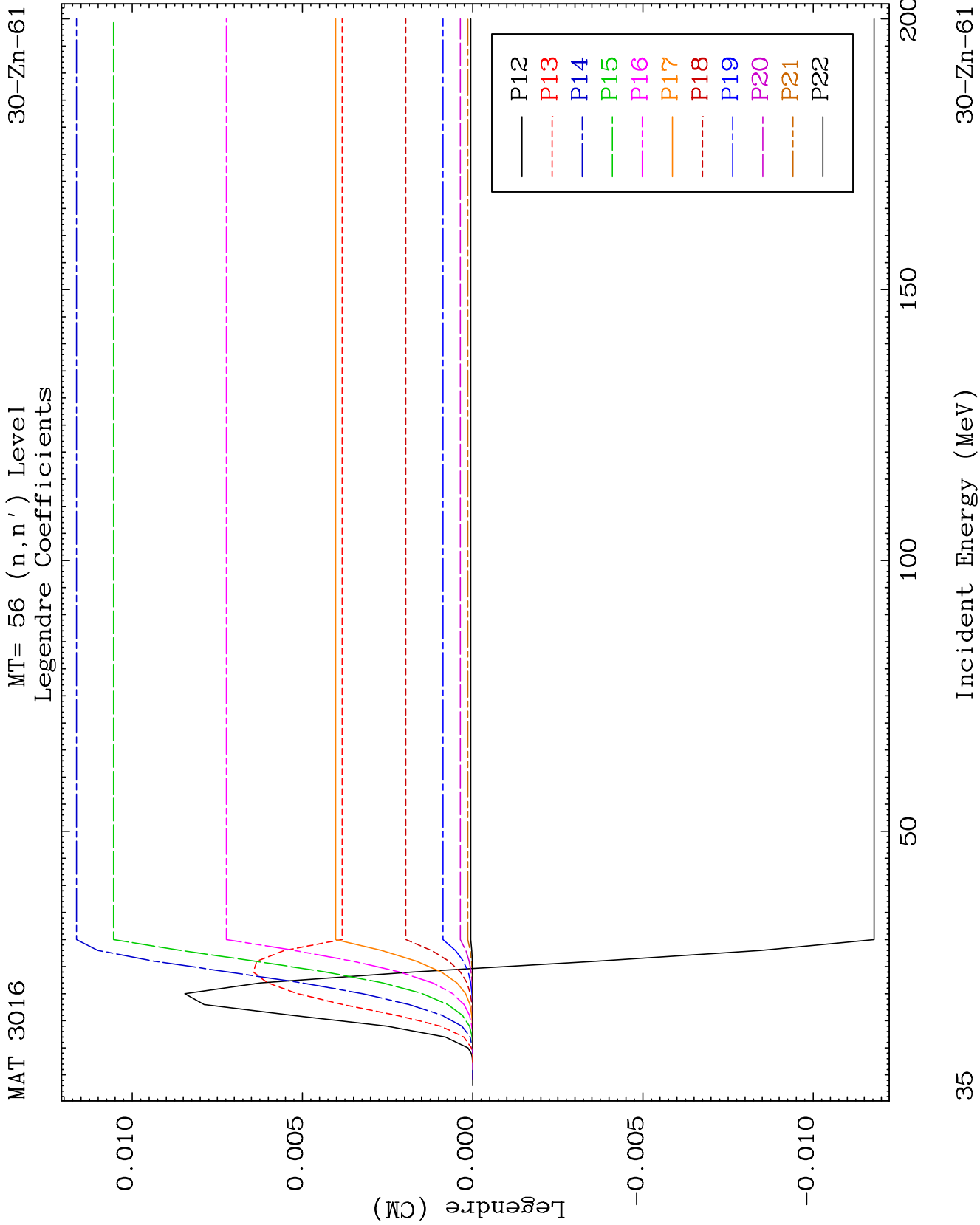


33

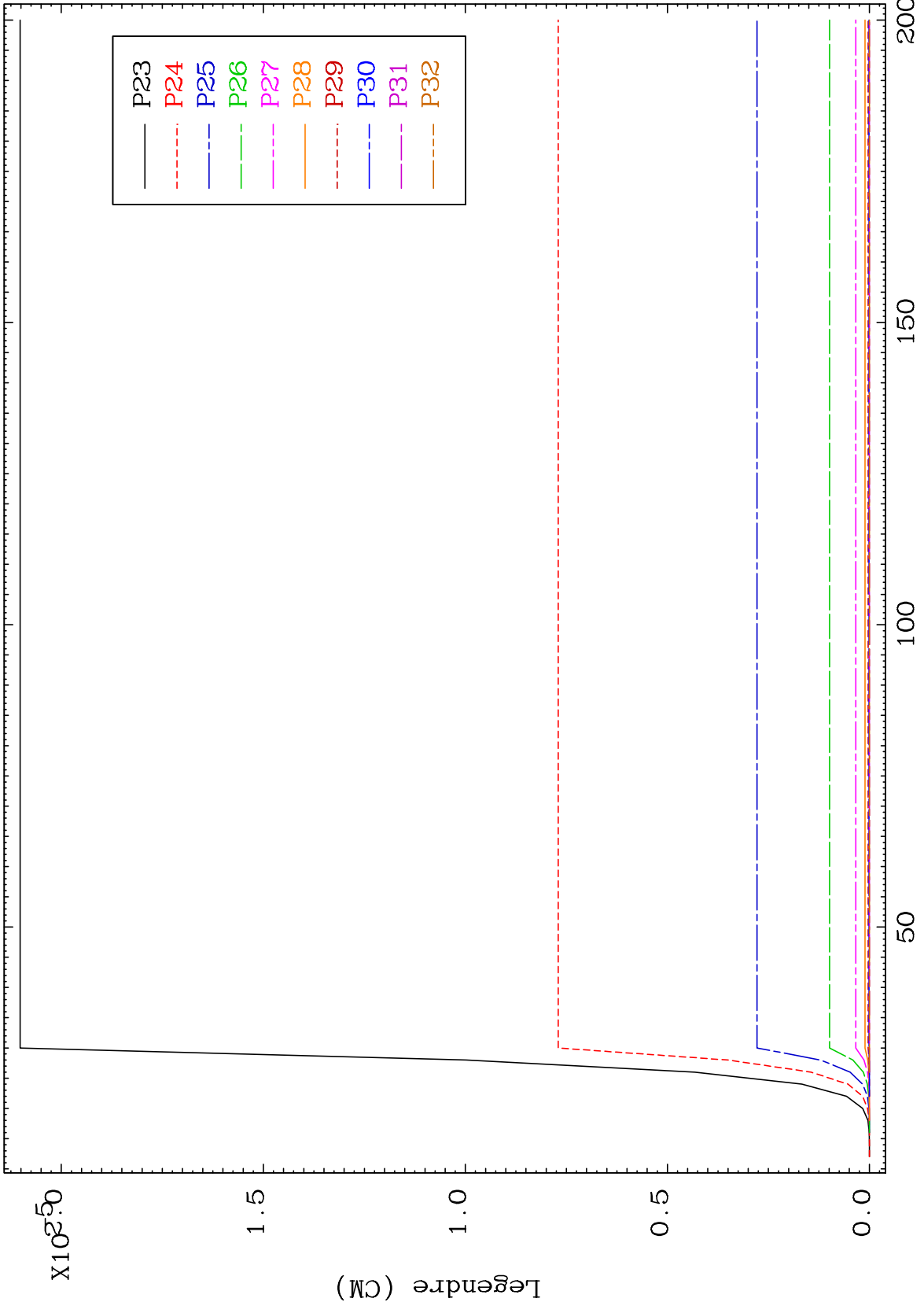
Incident Energy (MeV)

30-Zn-61

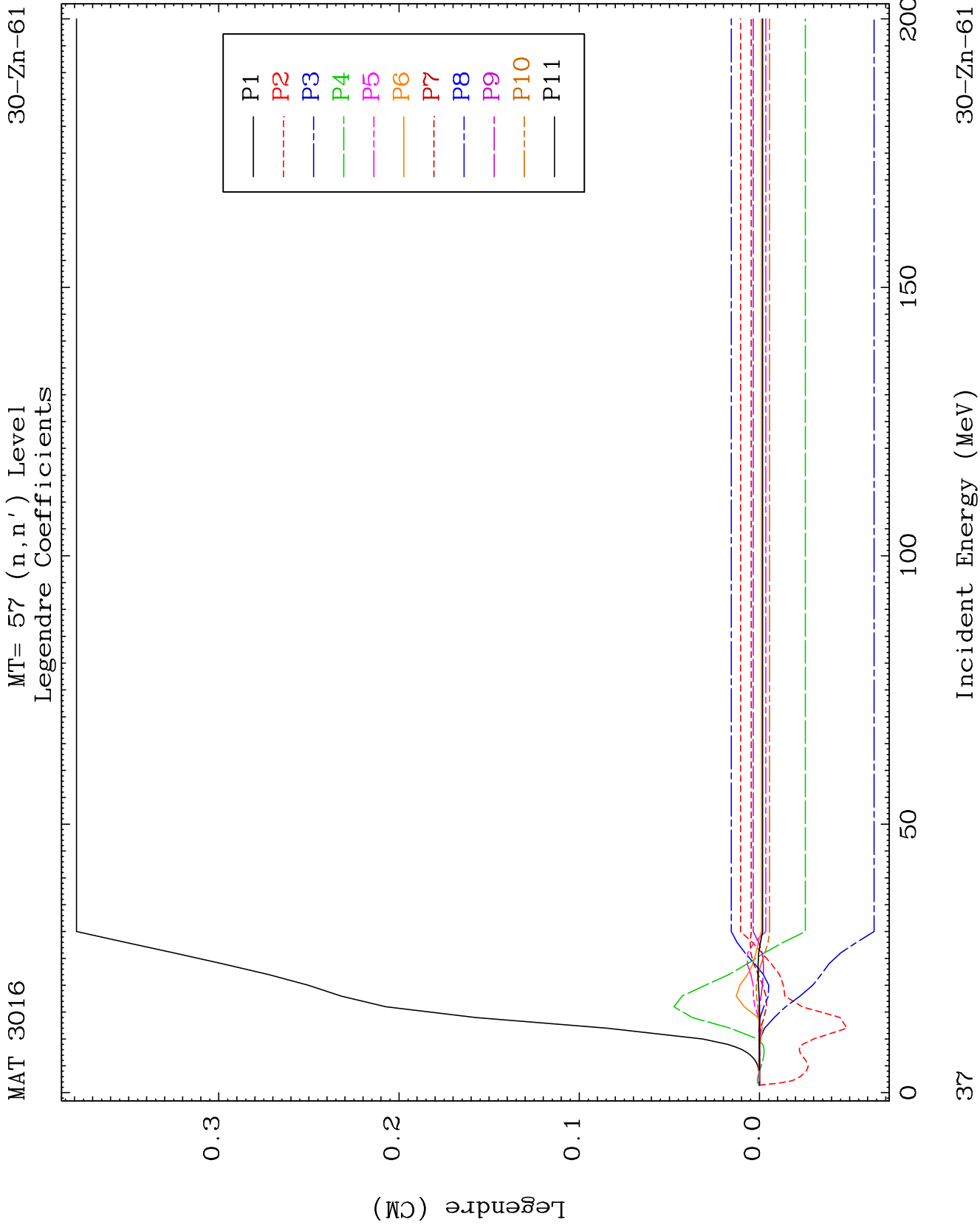




MAT 3016 MT= 56 (n,n') Level Legendre Coefficients 30-Zn-61



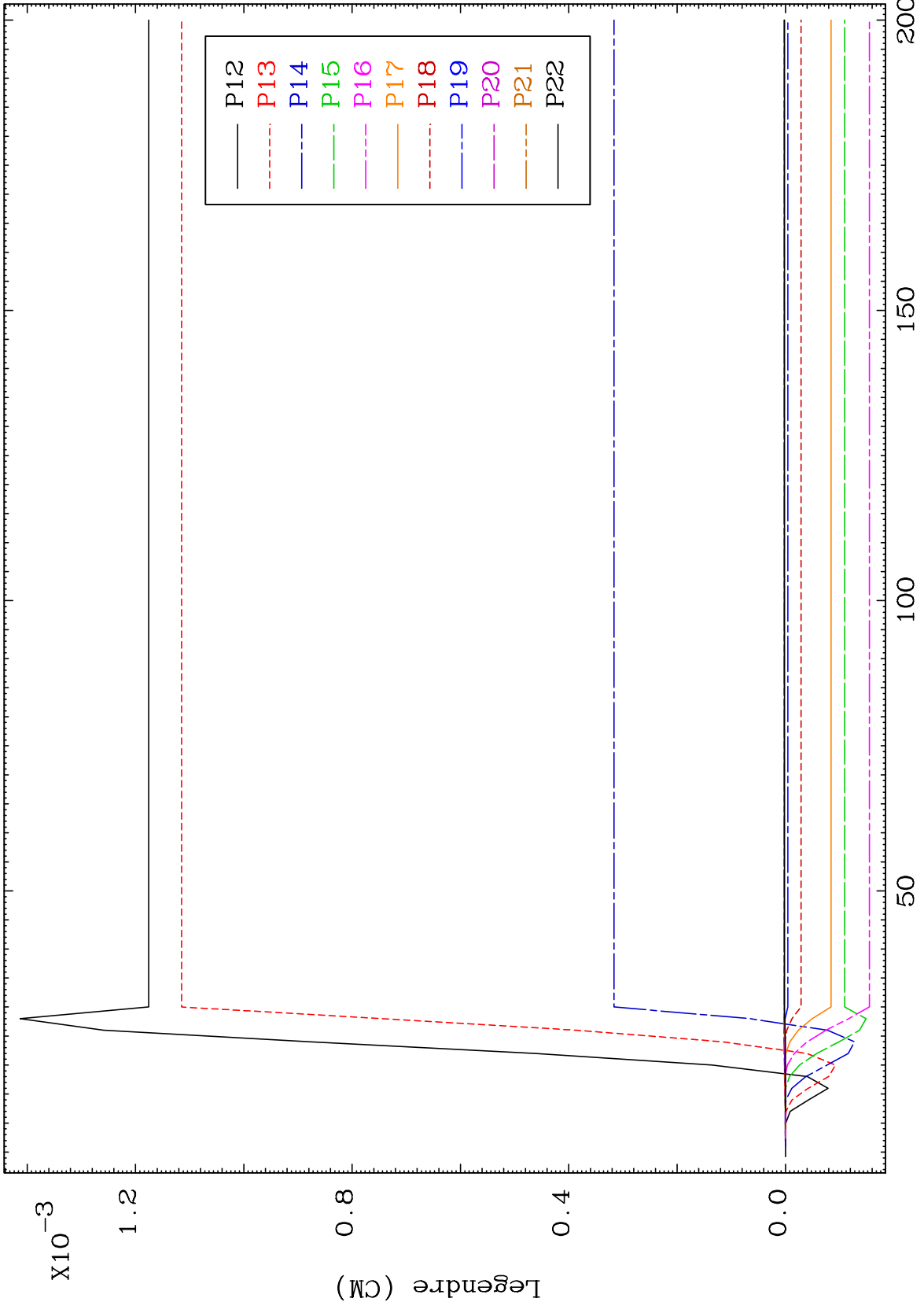
36 50 100 150 200 30-Zn-61



MAT 3016

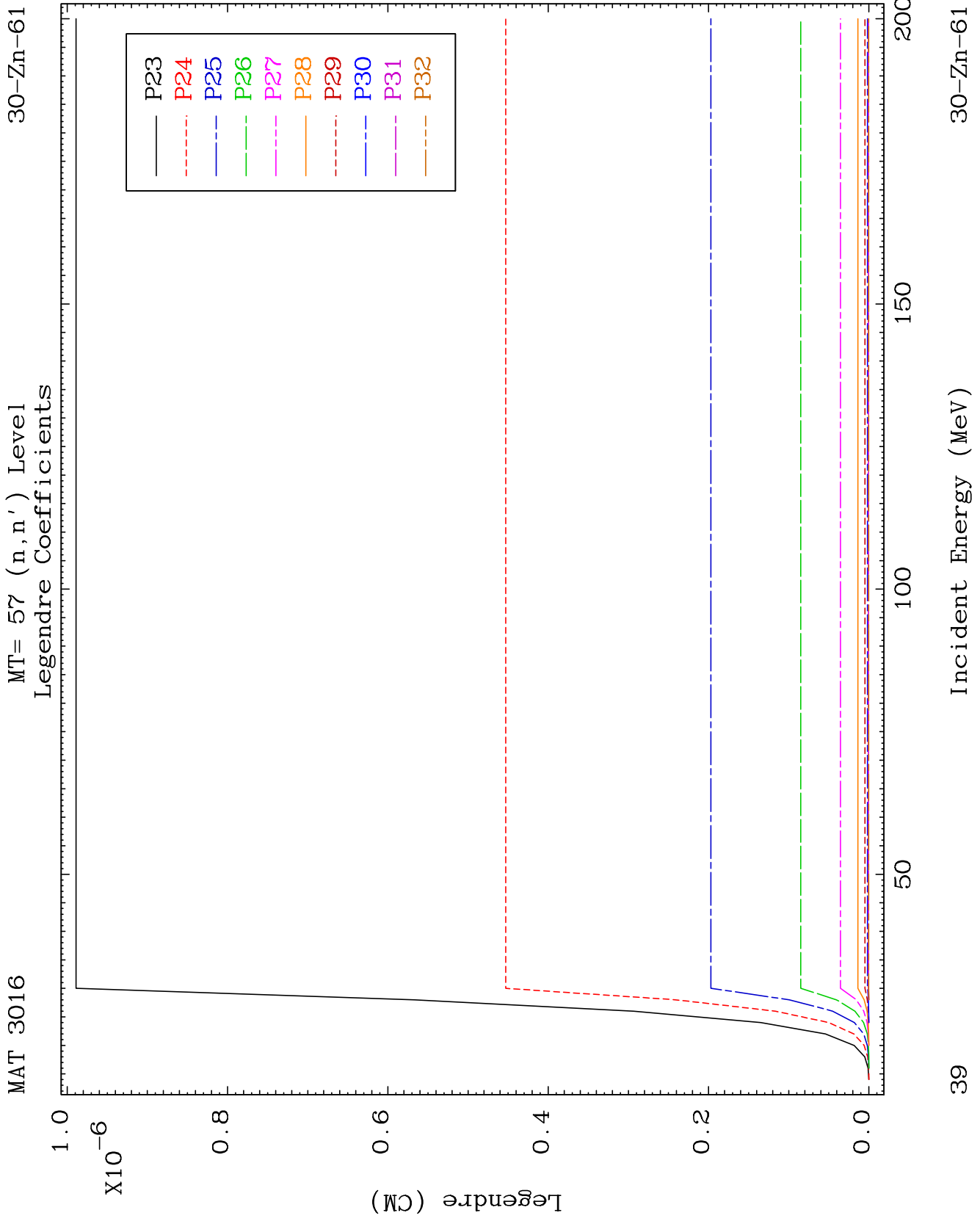
MT= 57 (n,n') Level  
Legendre Coefficients

30-Zn-61

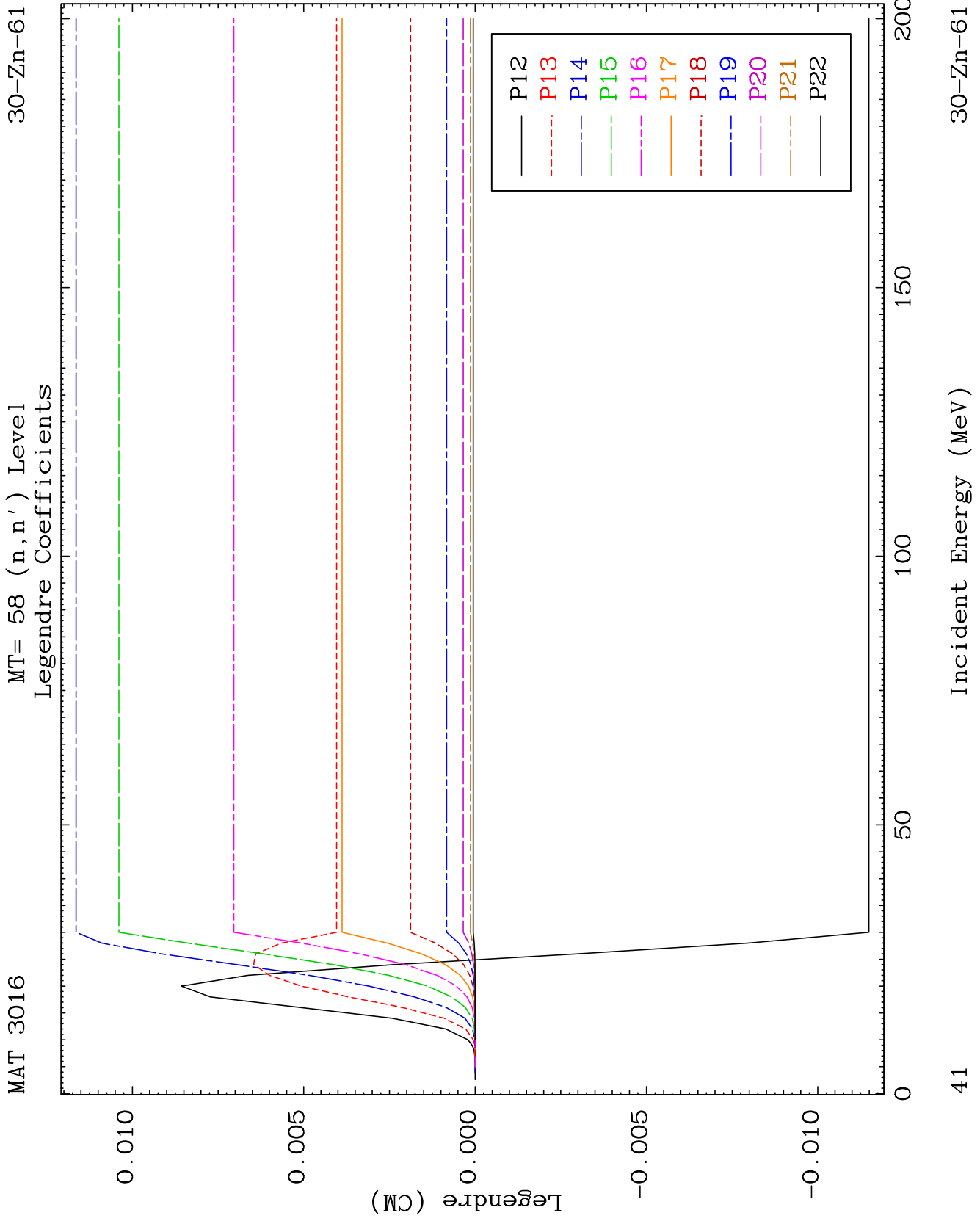


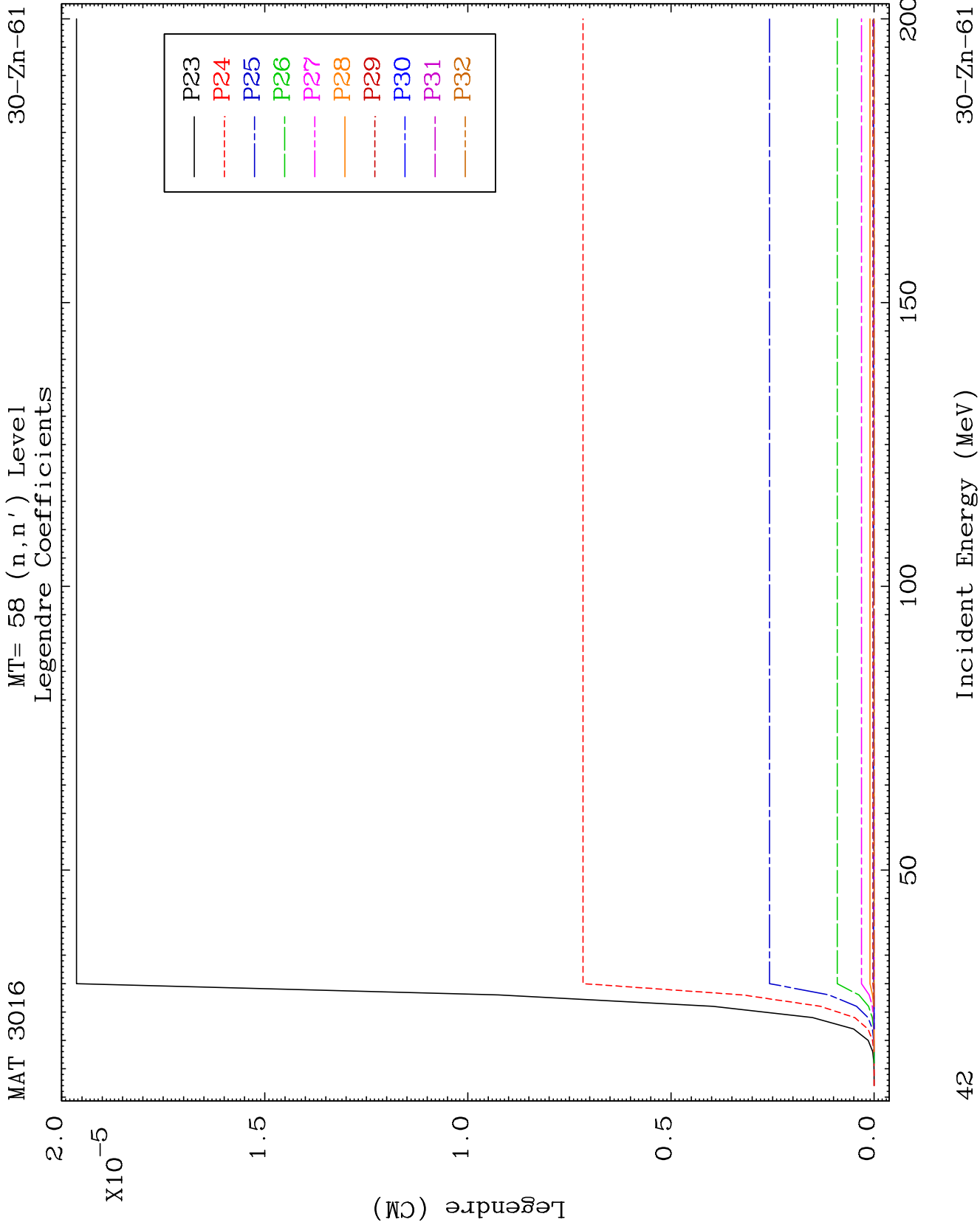
38

30-Zn-61





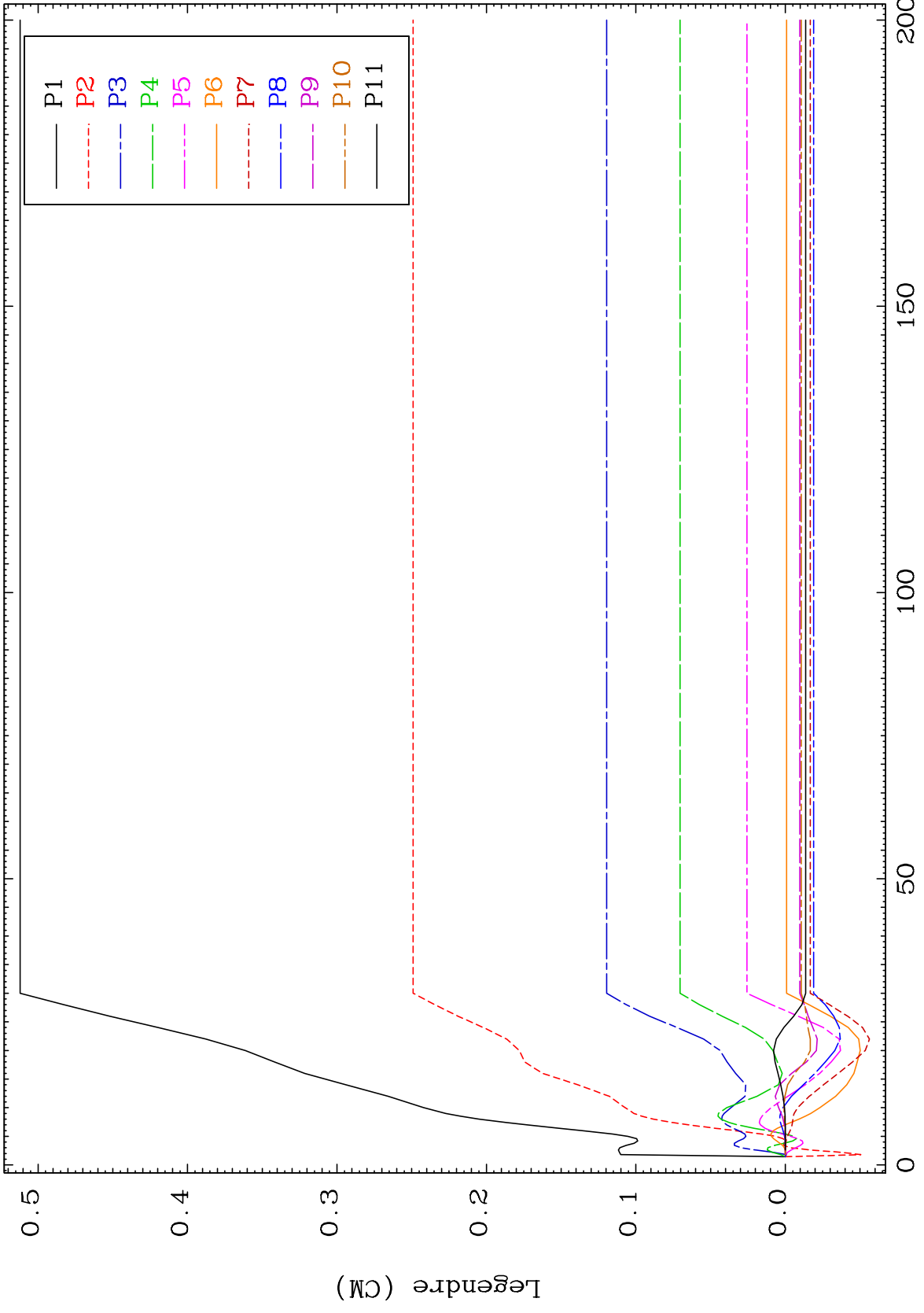




MAT 3016

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

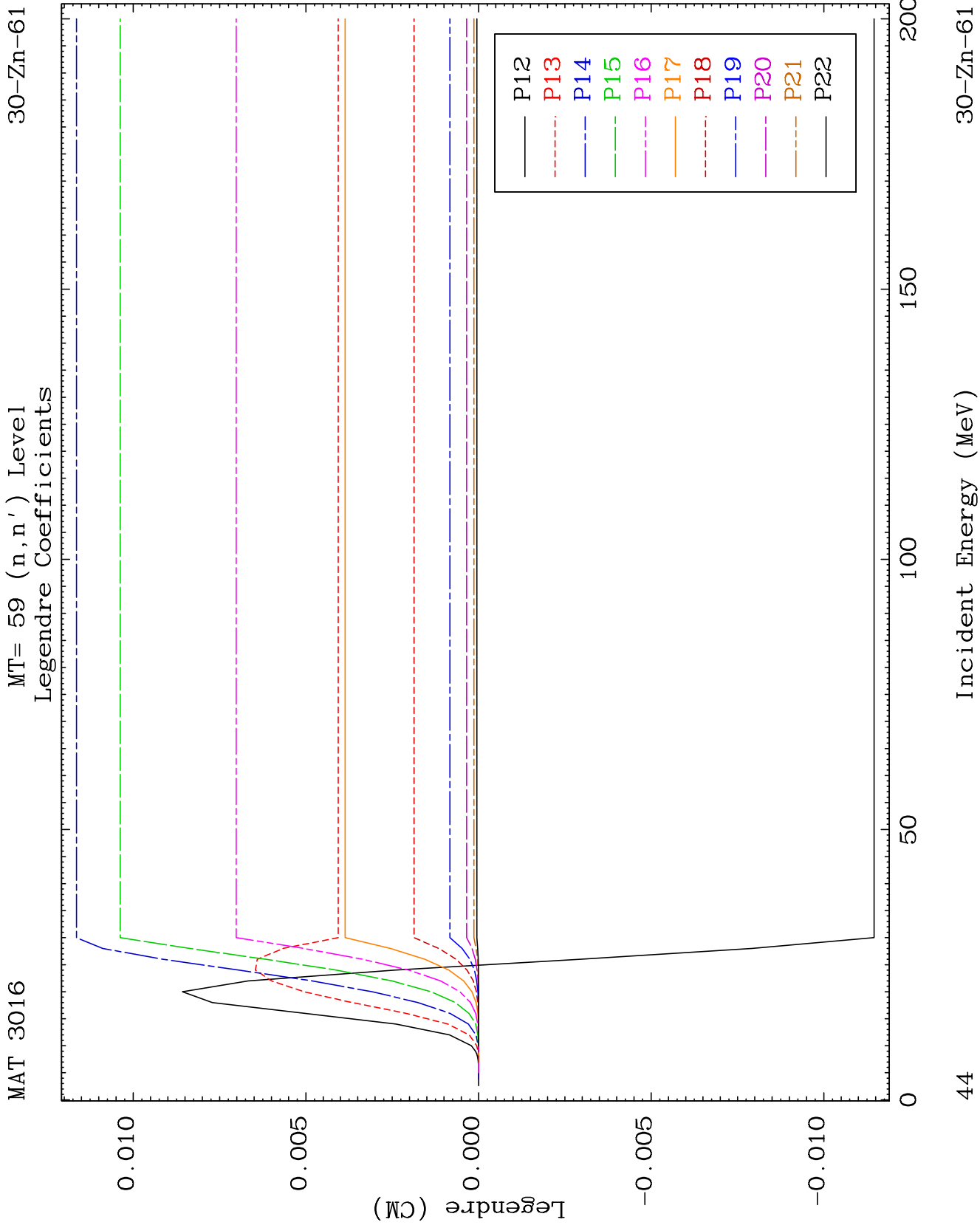
30-Zn-61



43

Incident Energy (MeV)

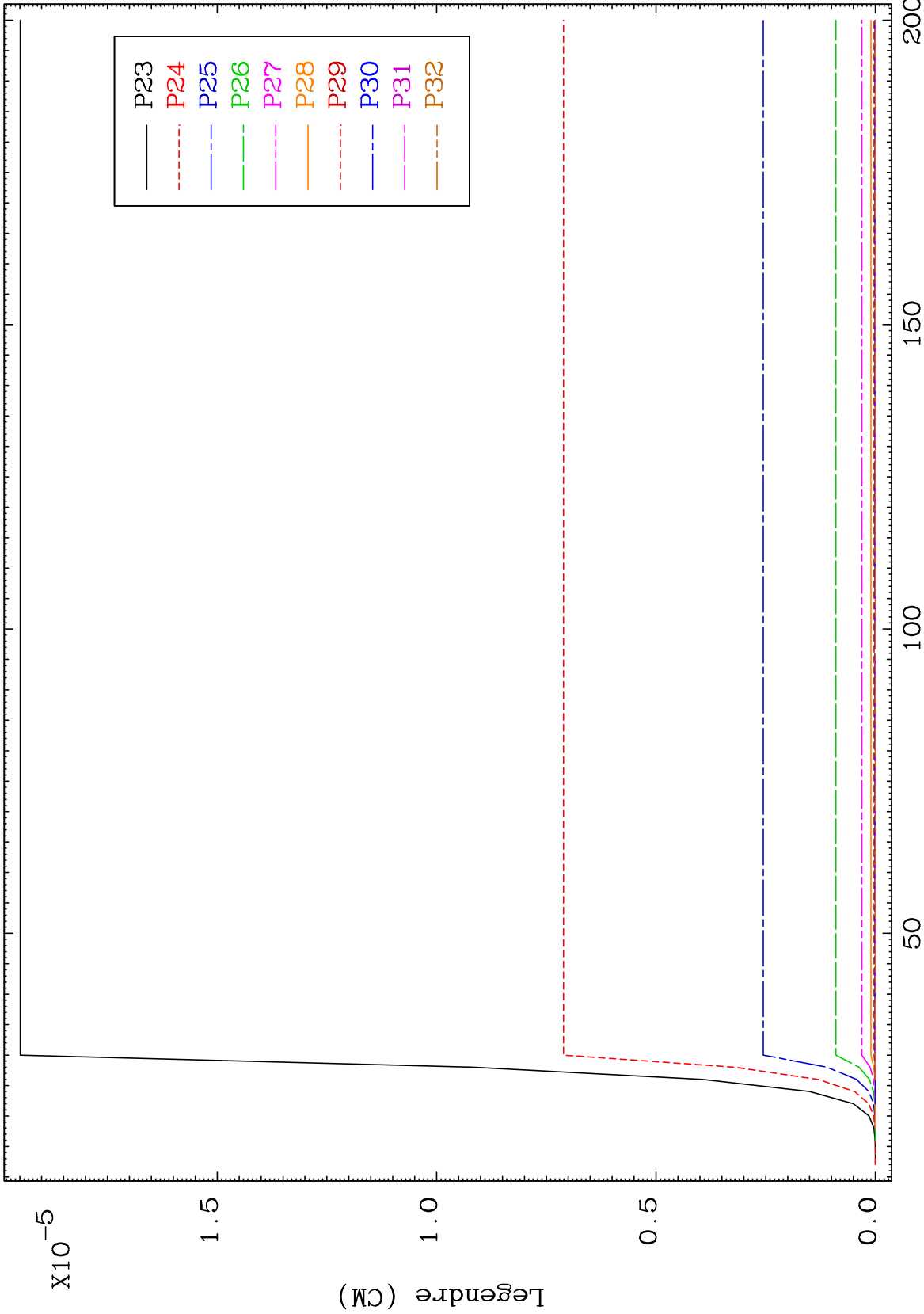
30-Zn-61



MAT 3016

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

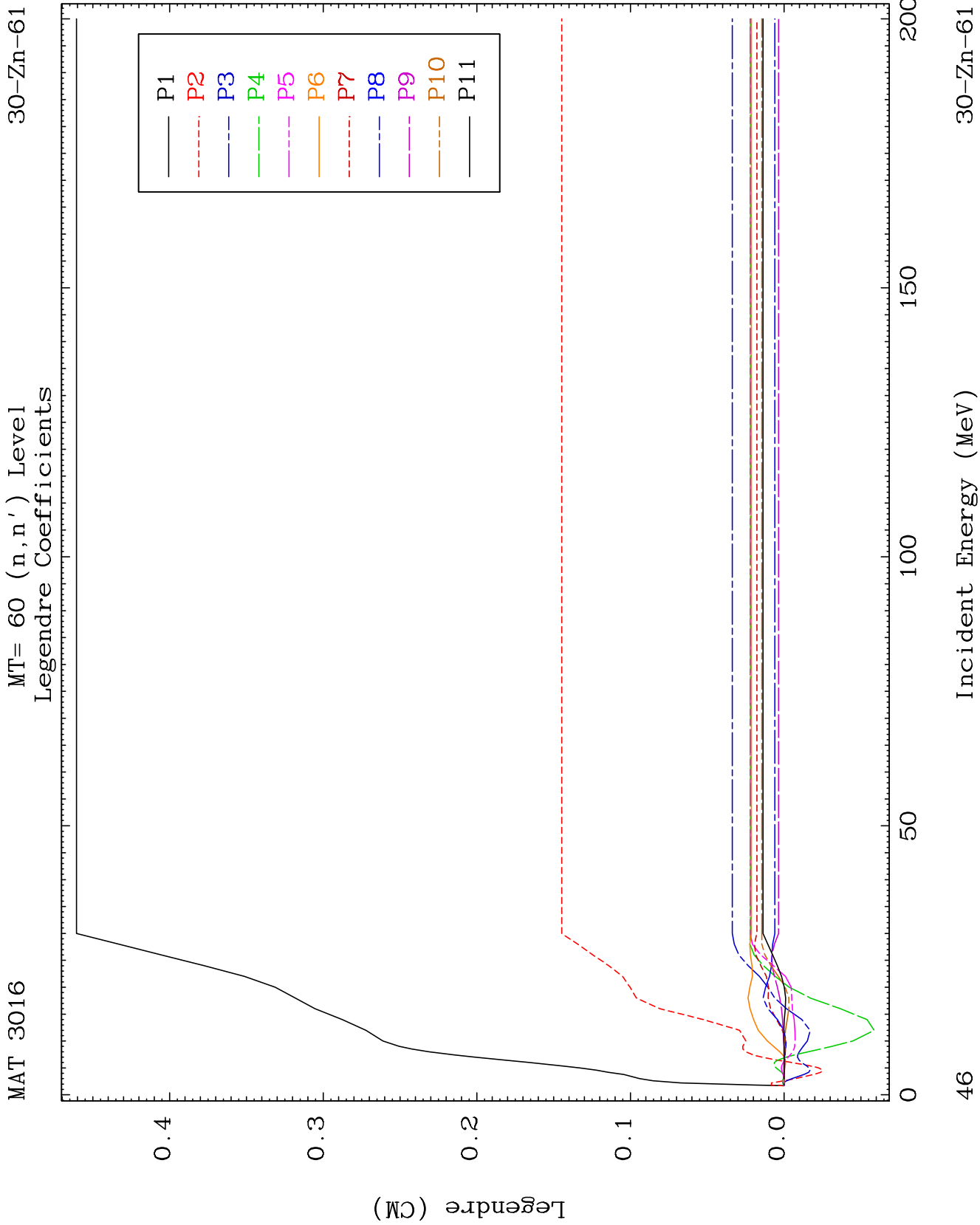
30-Zn-61

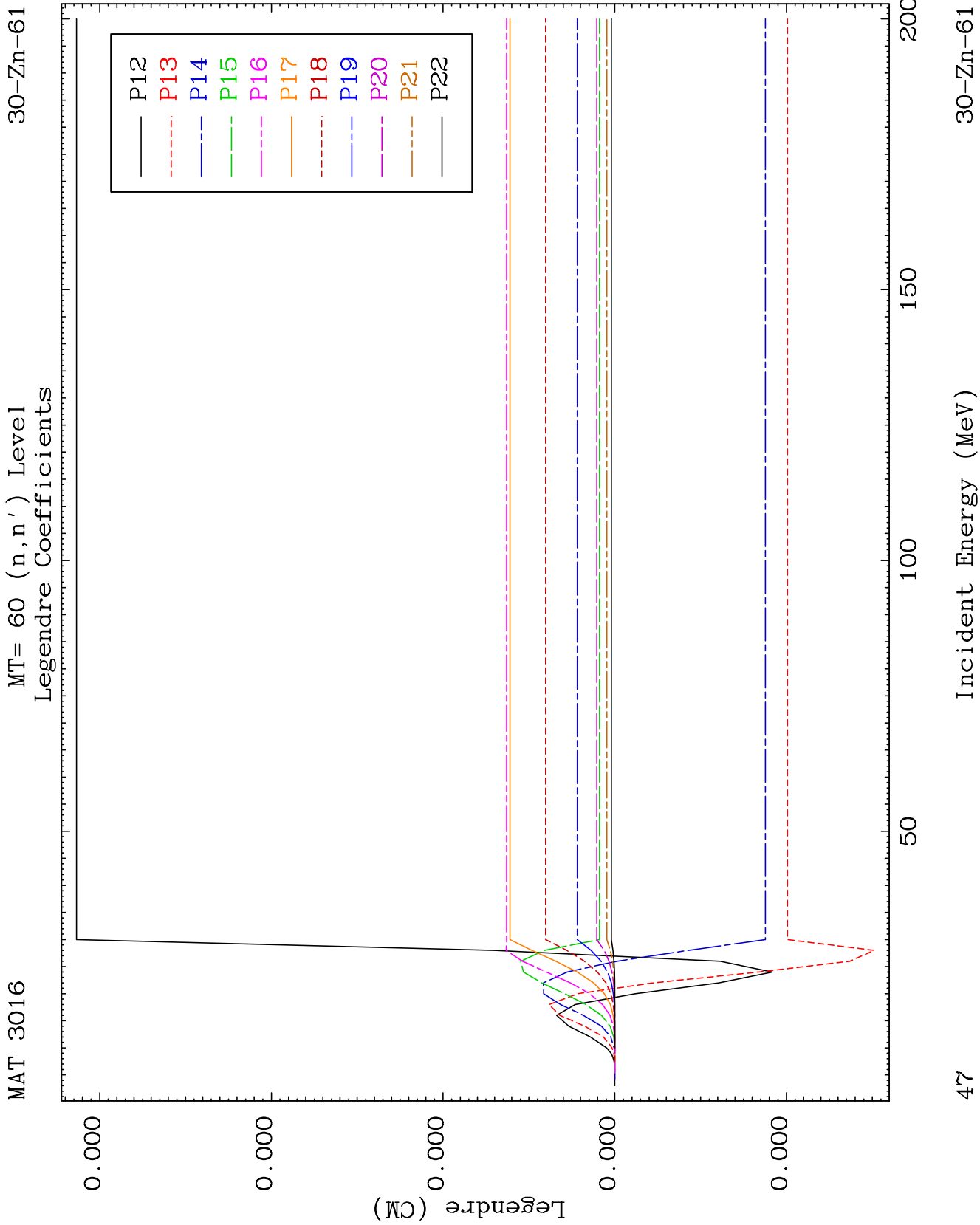


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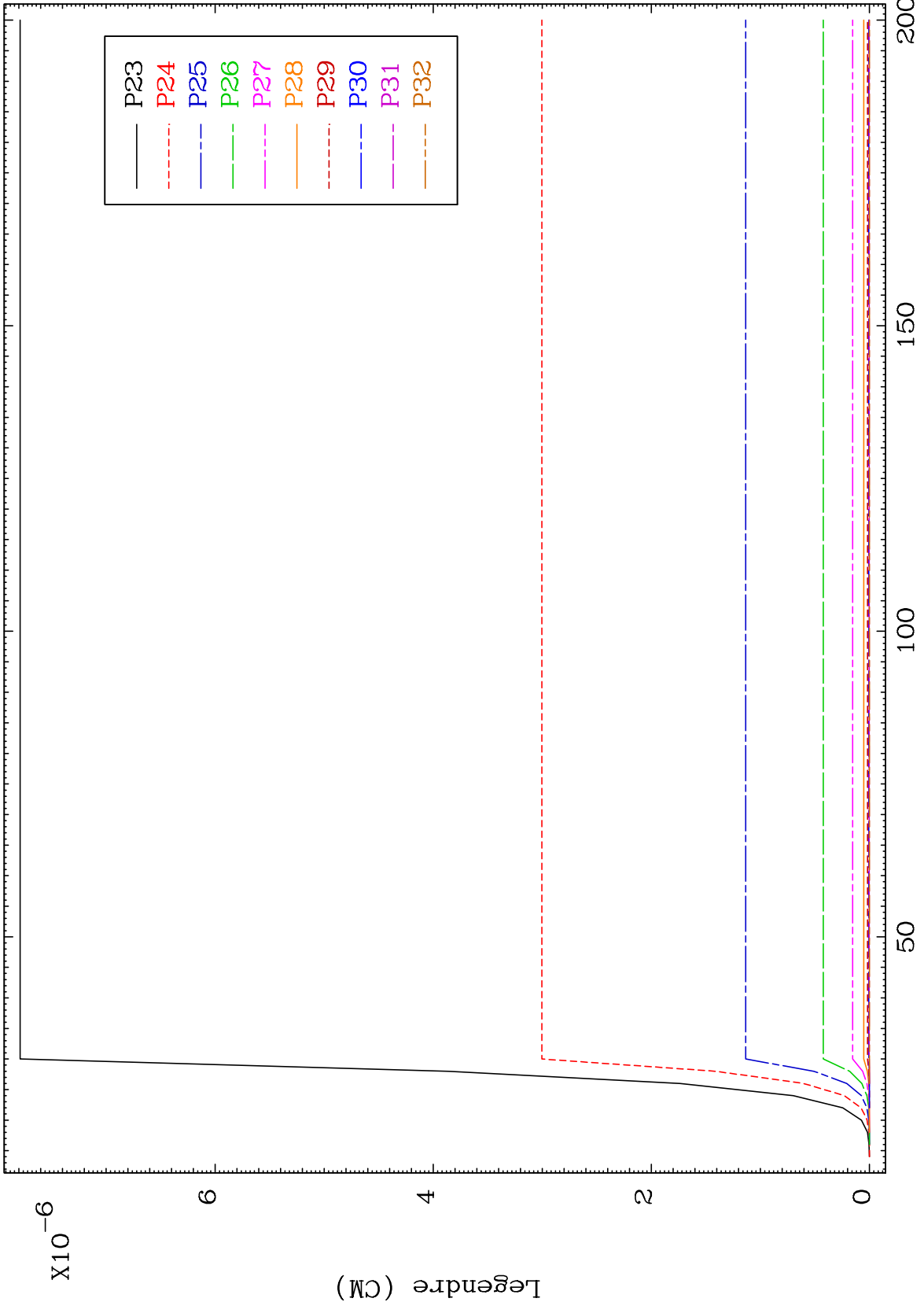
Incident Energy (MeV)

30-Zn-61

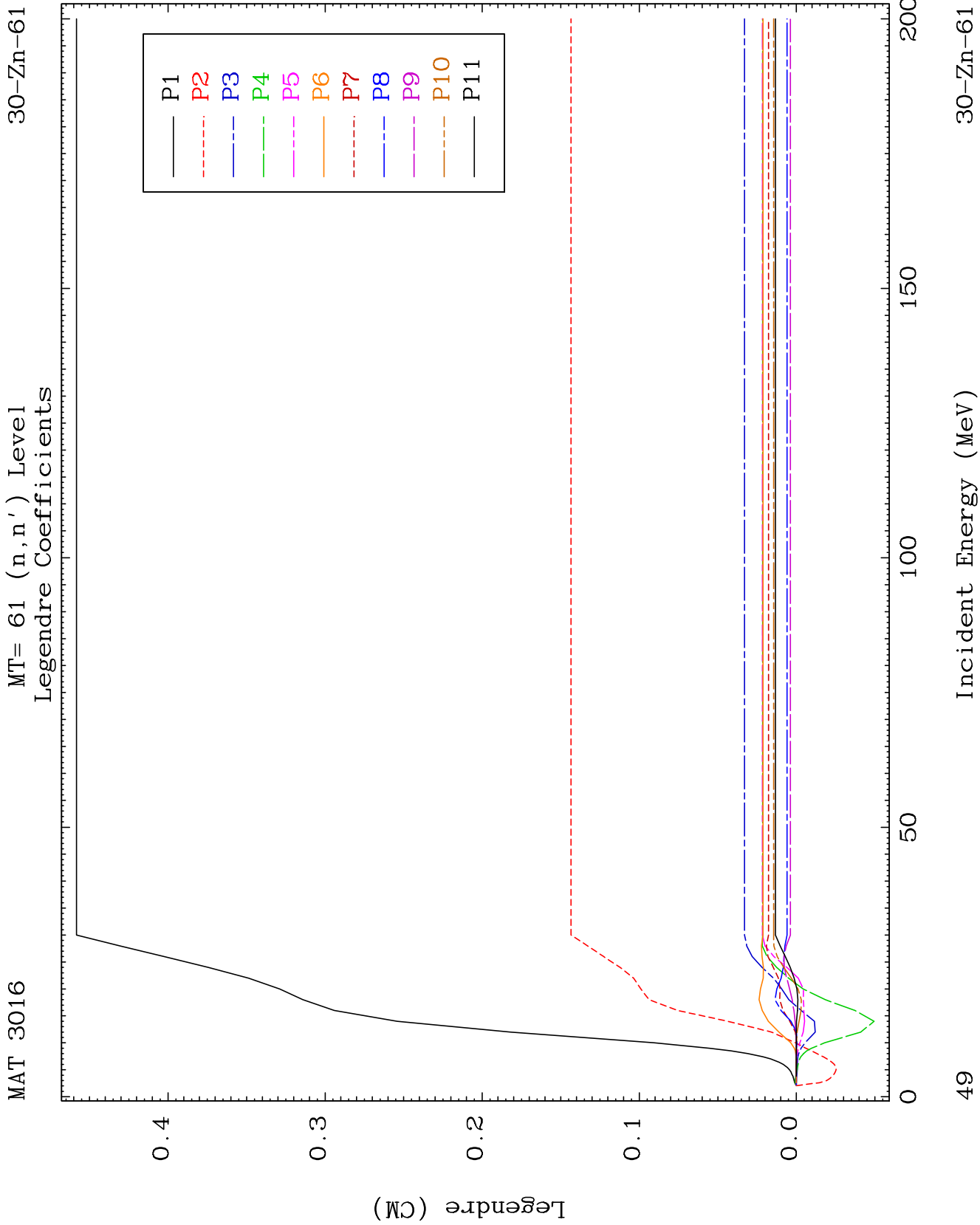


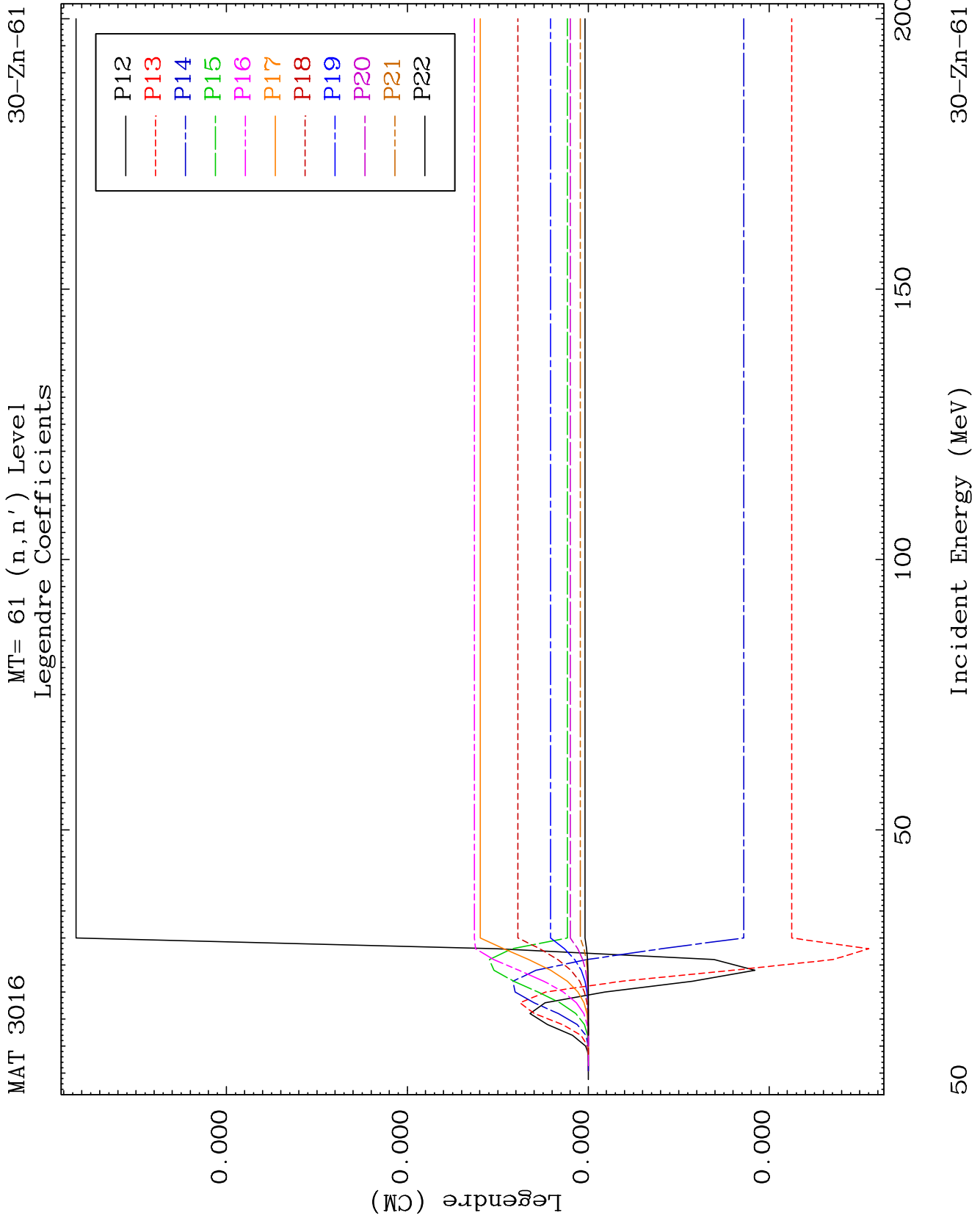


MAT 3016 MT= 60 (n,n') Level Legendre Coefficients 30-Zn-61



48 50 100 150 200 30-Zn-61

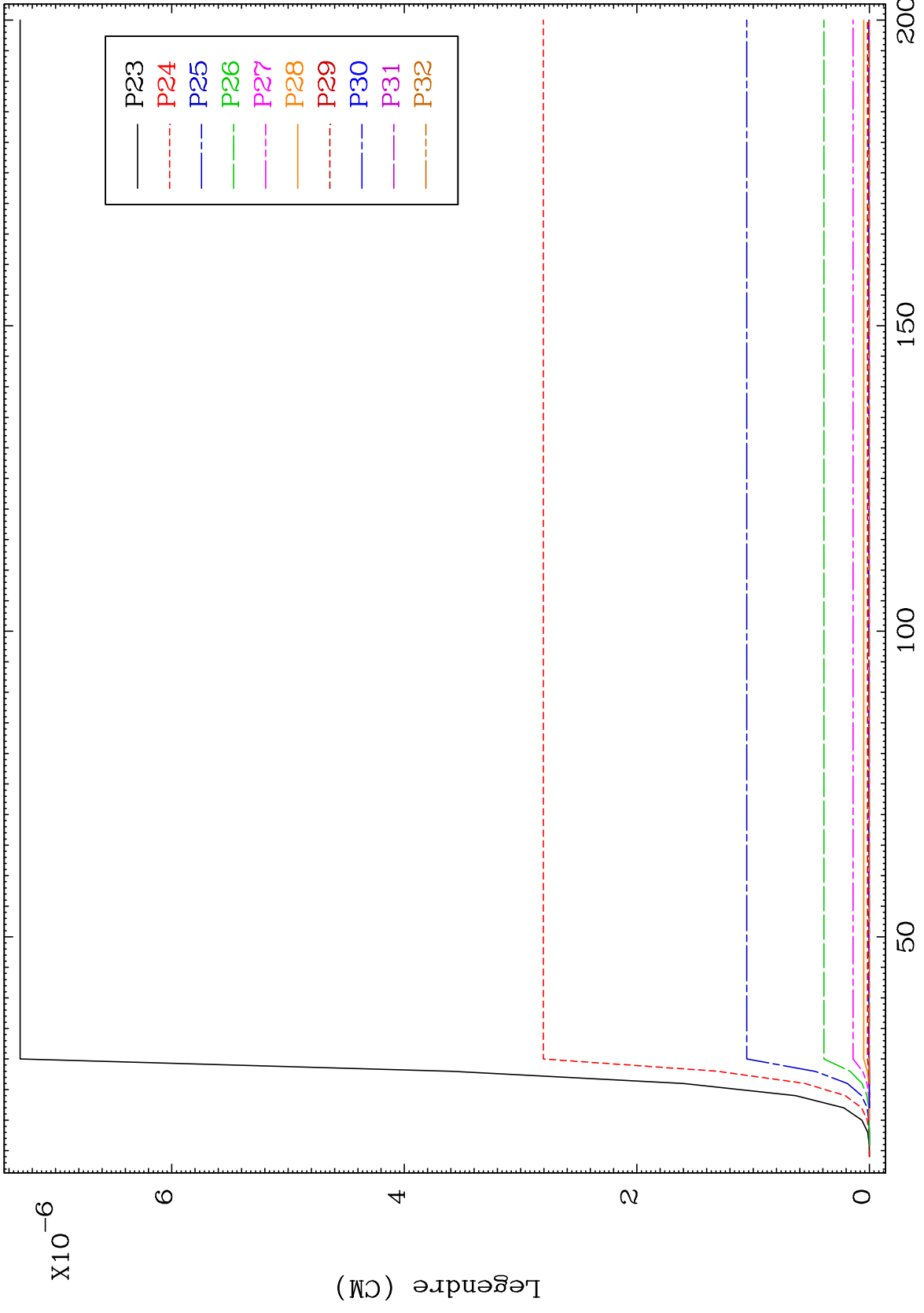




MAT 3016

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

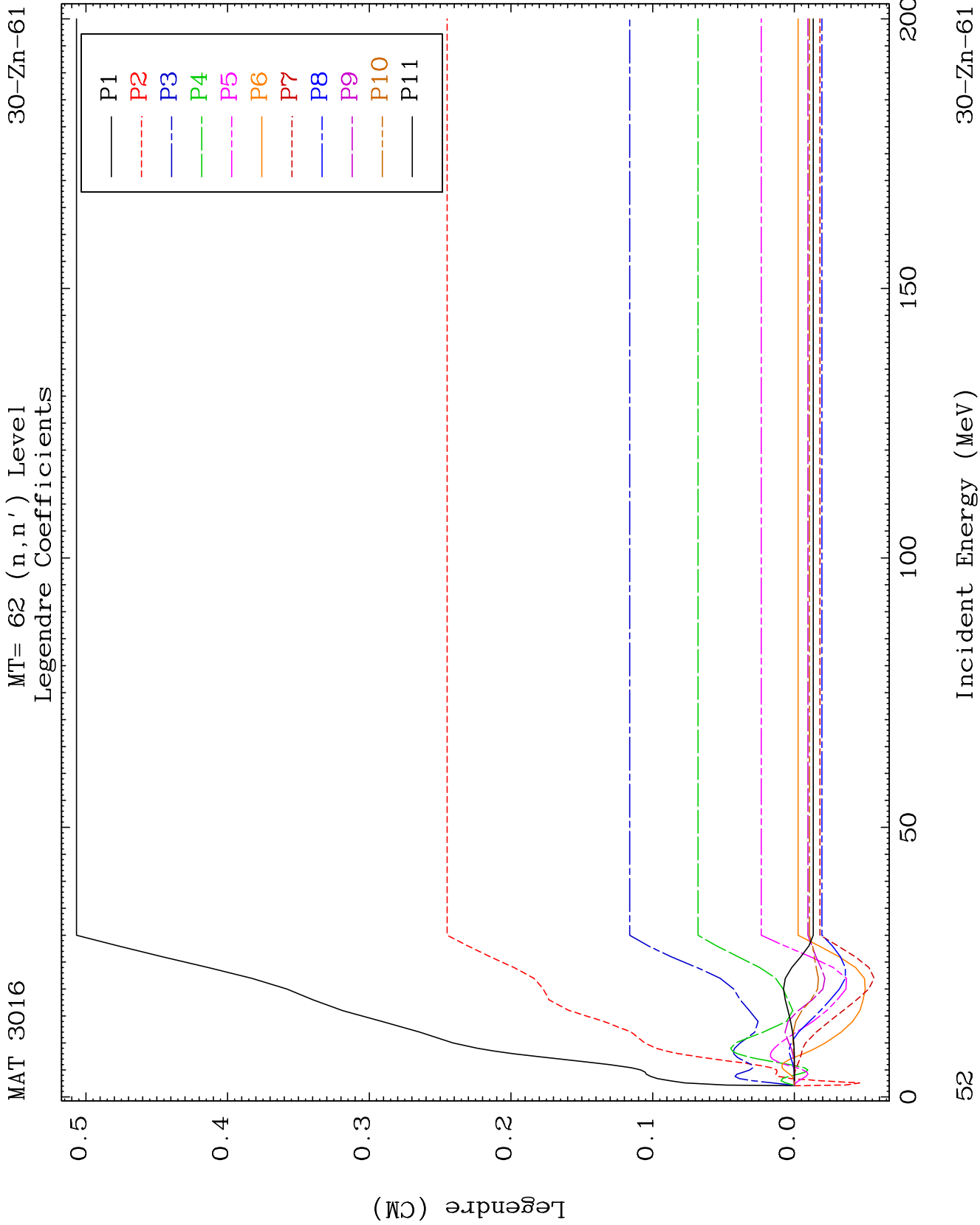
30-Zn-61



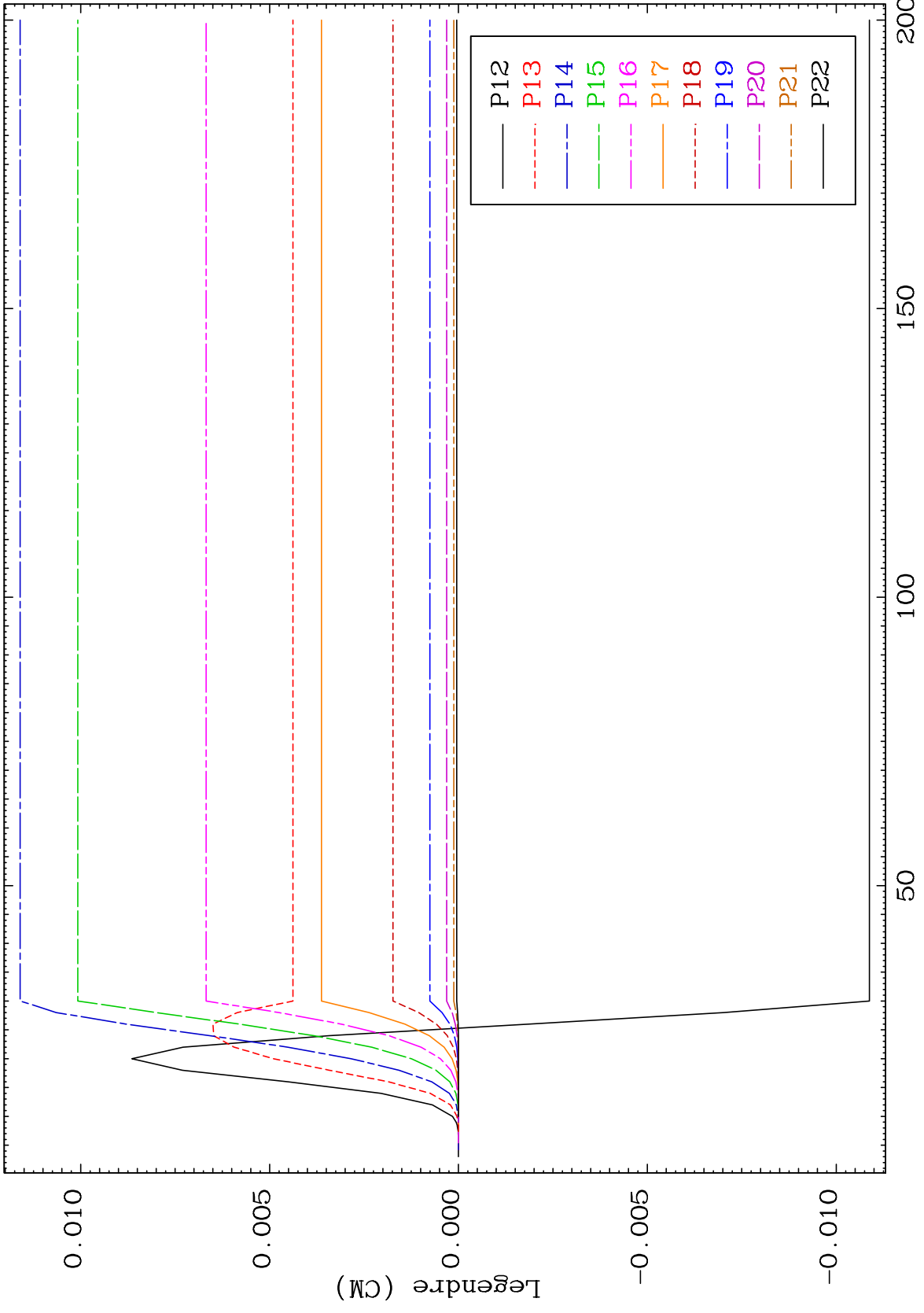
51

Incident Energy (MeV)

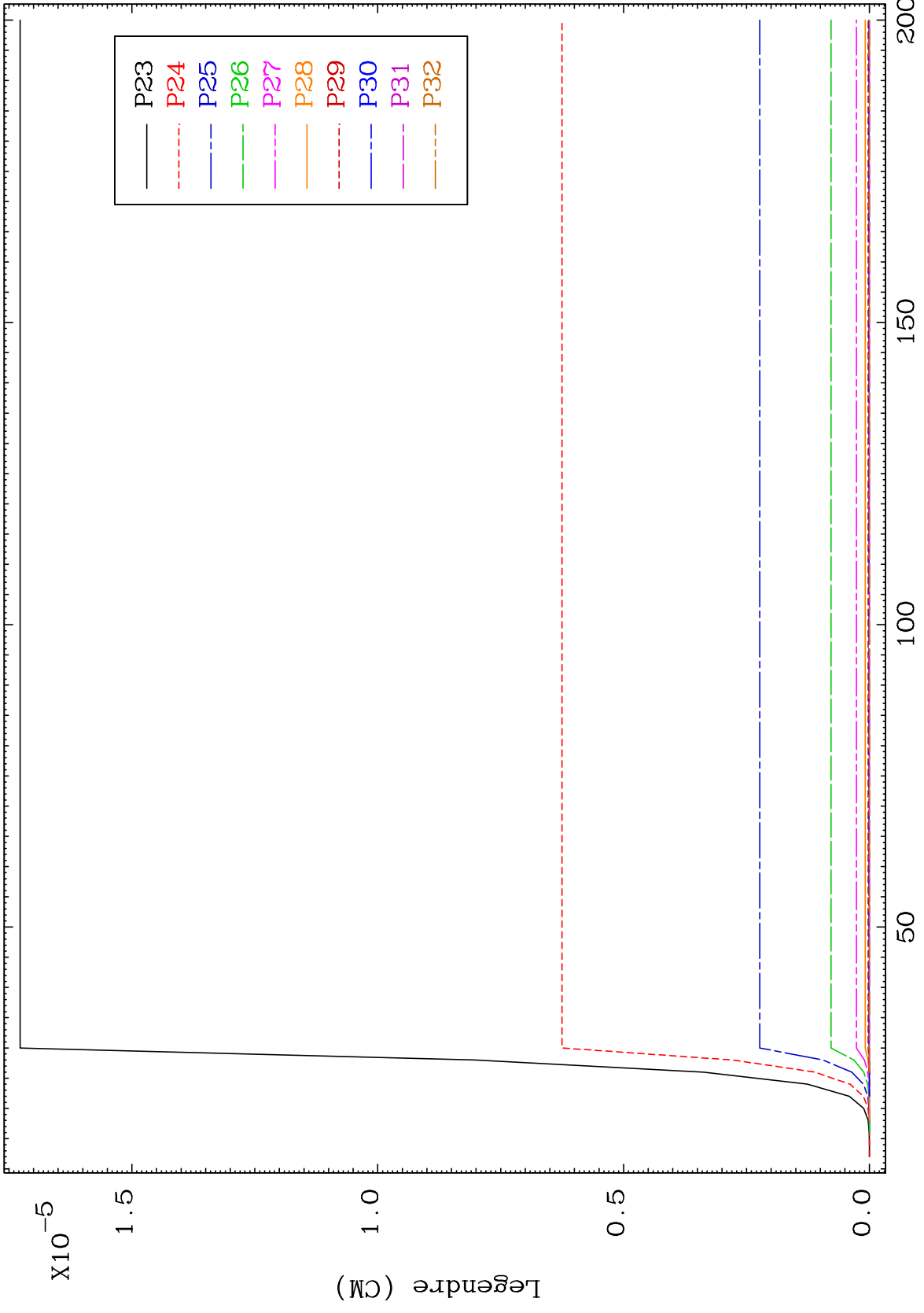
30-Zn-61



MAT 3016 MT= 62 (n,n') Level Legendre Coefficients 30-Zn-61



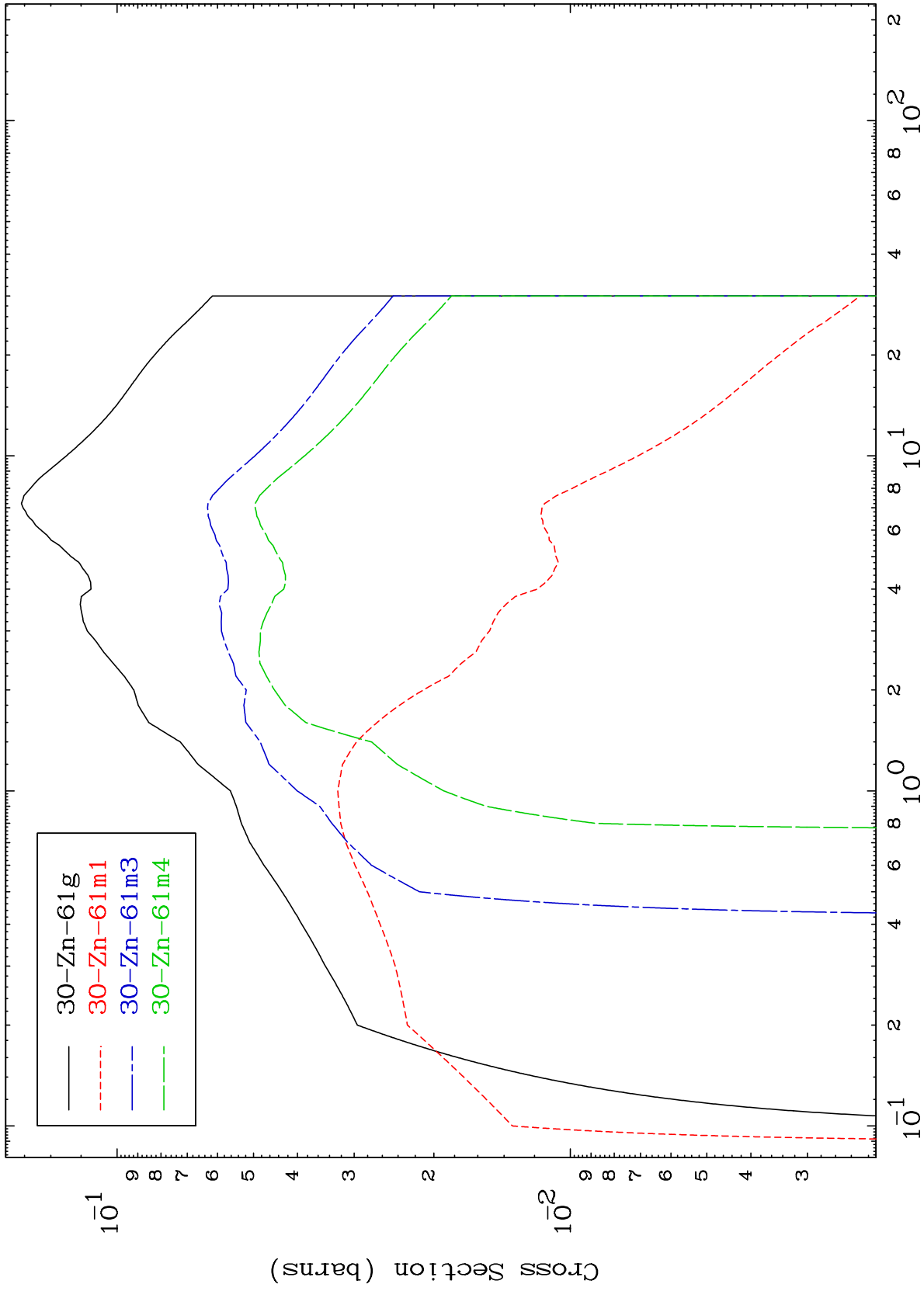
53 Incident Energy (MeV) 30-Zn-61



MAT 3016

30-Zn-61

### Inelastic Radionuclide Production Cross Section



55

30-Zn-61

MAT 3016

(n,n') 2α

30-Zn-61

Radionuclide Production Cross Section

