

Program EVALPLOT  
(Version 2021-1)

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

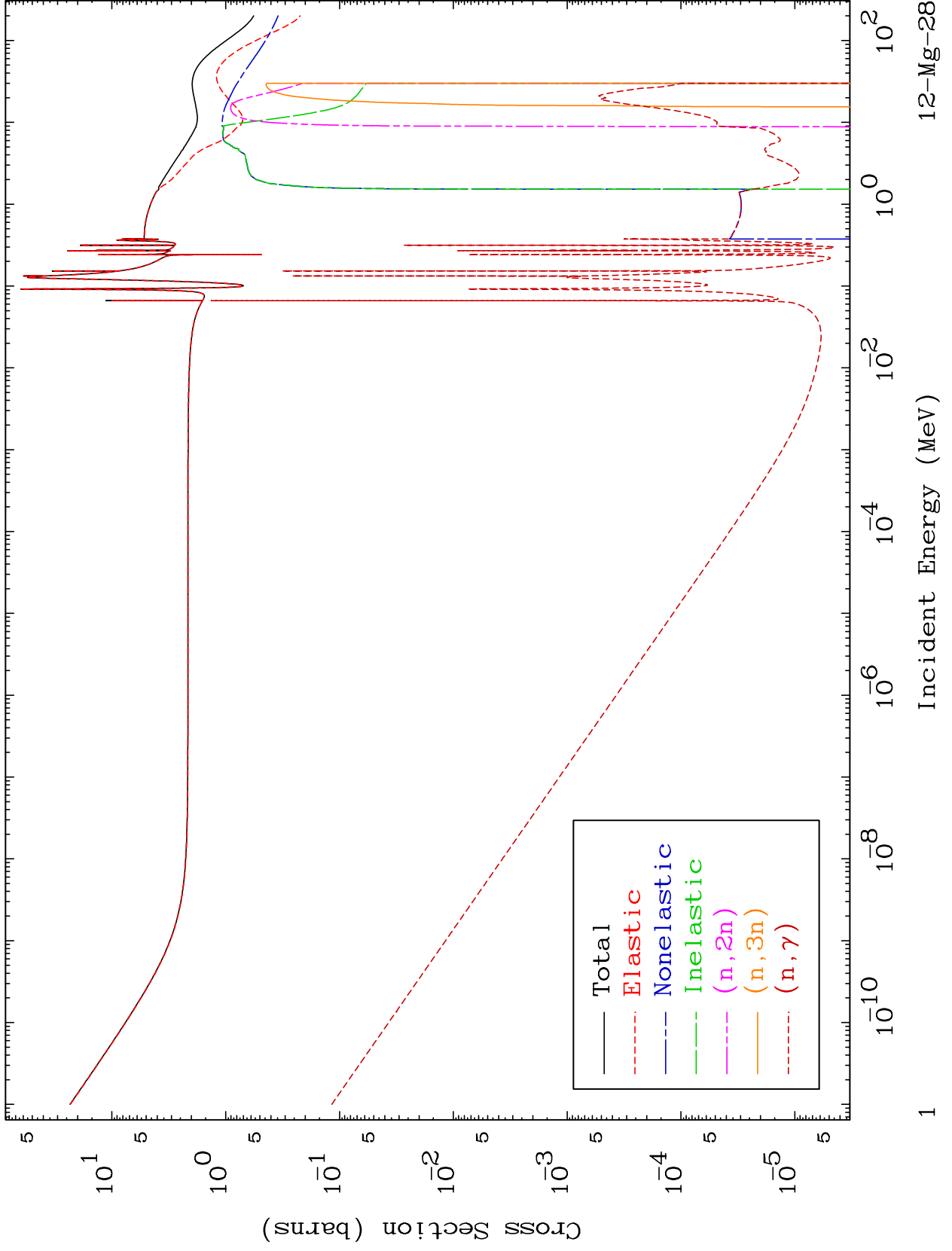
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1237

Neutron Major  
293 Kelvin Cross Sections

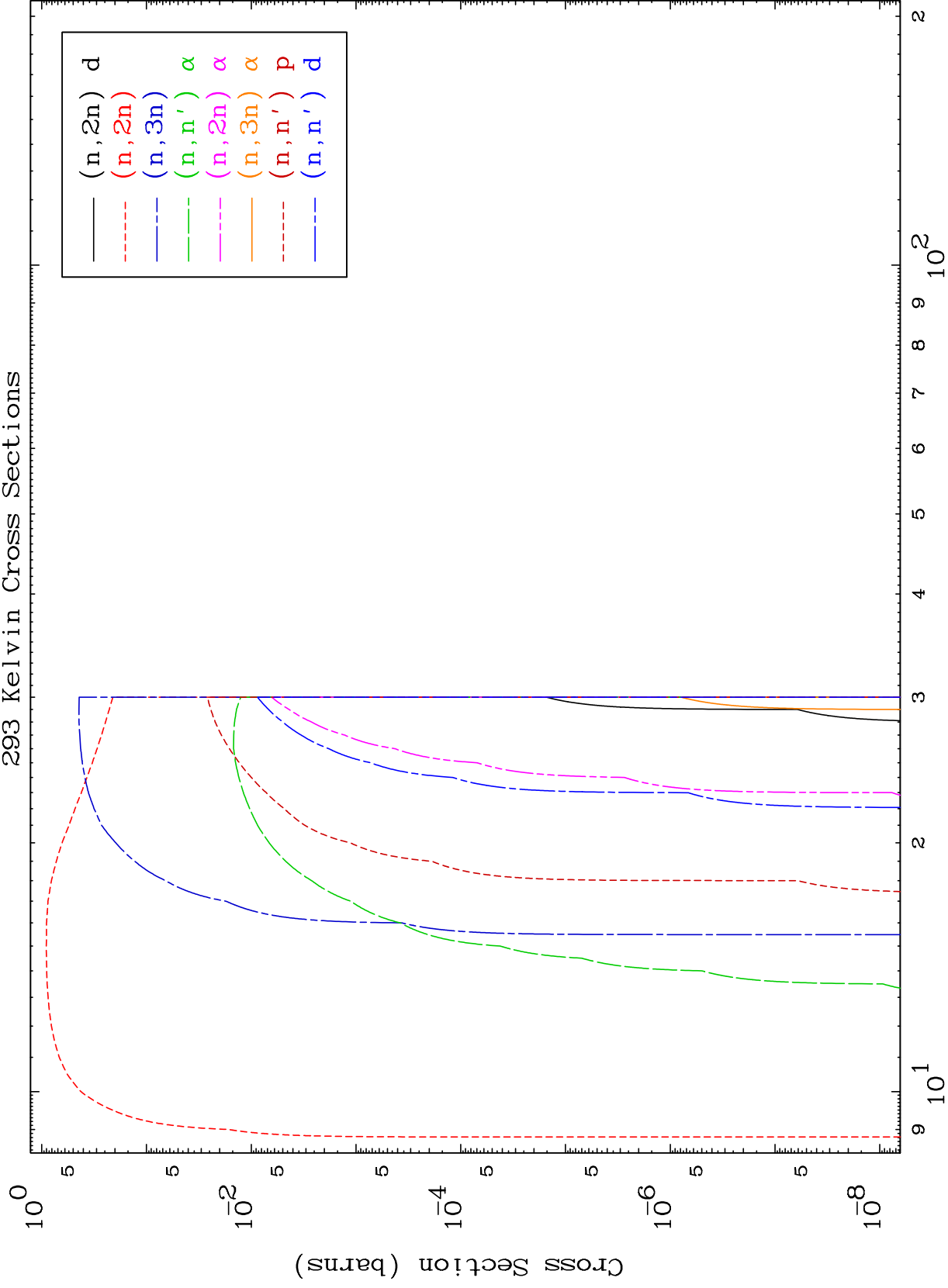
12-Mg-28



MAT 1237

Neutron Absorption  
293 Kelvin Cross Sections

12-Mg-28



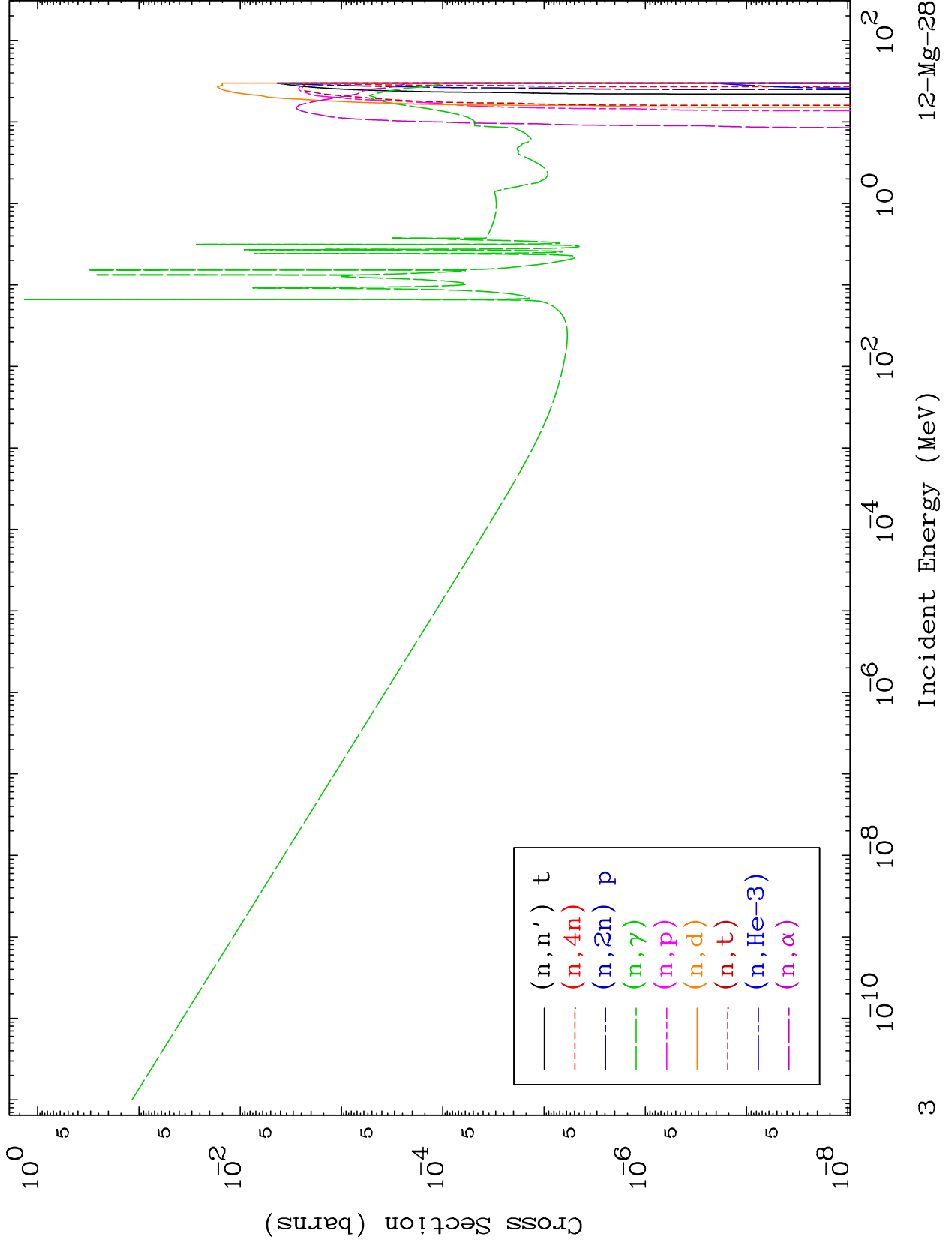
Incident Energy (MeV)

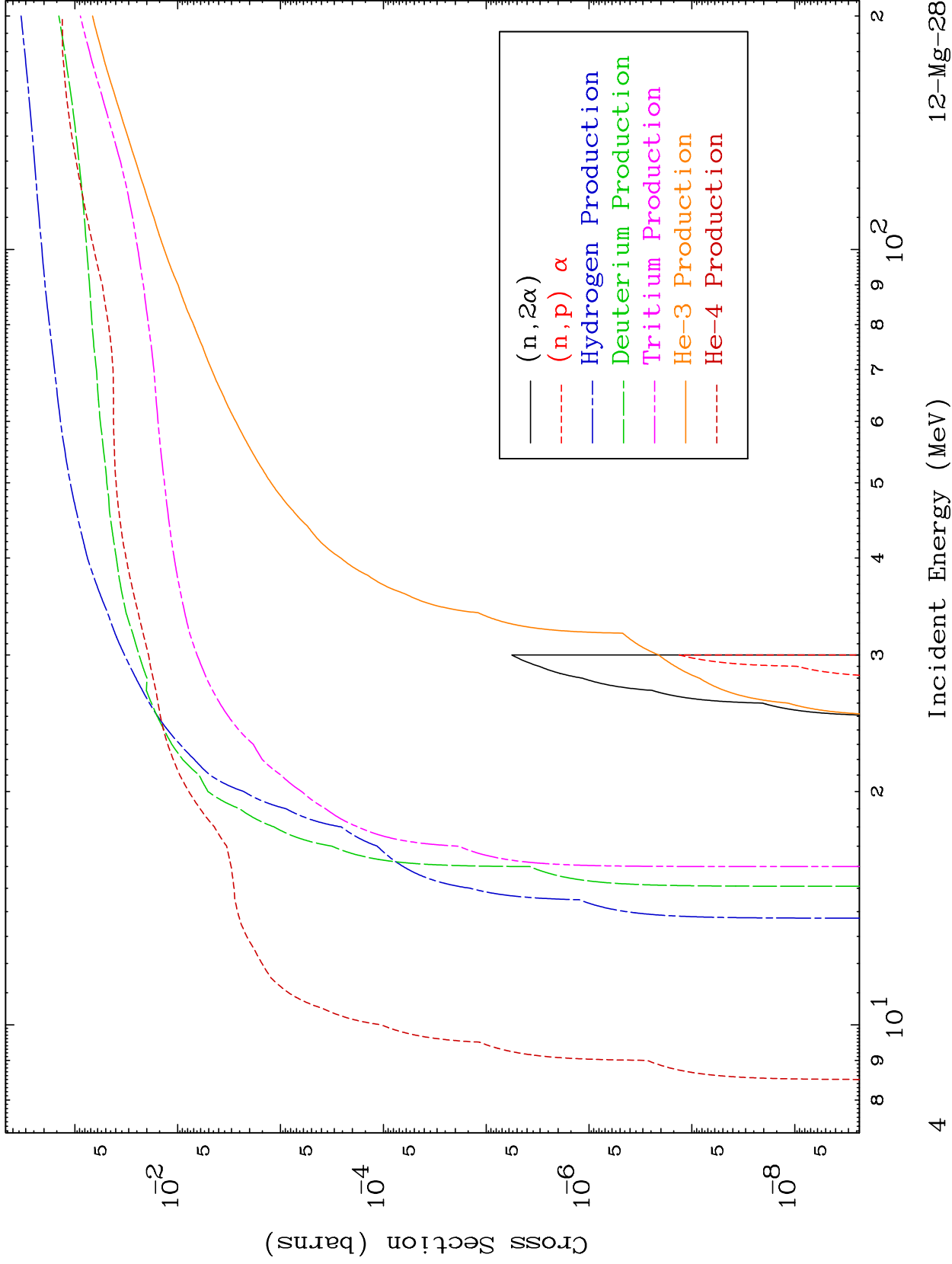
12-Mg-28

MAT 1237

Neutron Absorption  
293 Kelvin Cross Sections

12-Mg-28

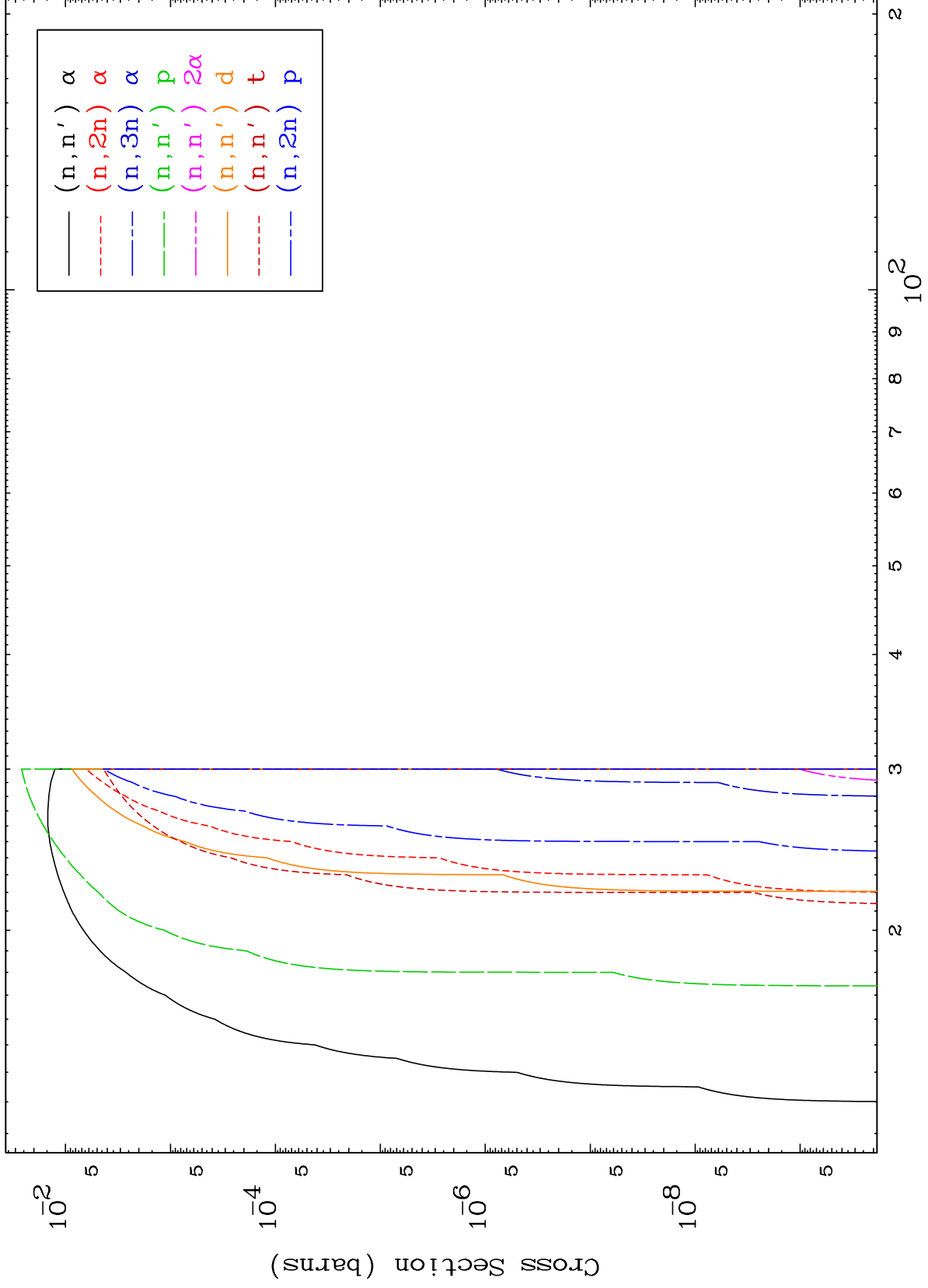




MAT 1237

Charged Particle  
293 Kelvin Cross Sections

12-Mg-28



5

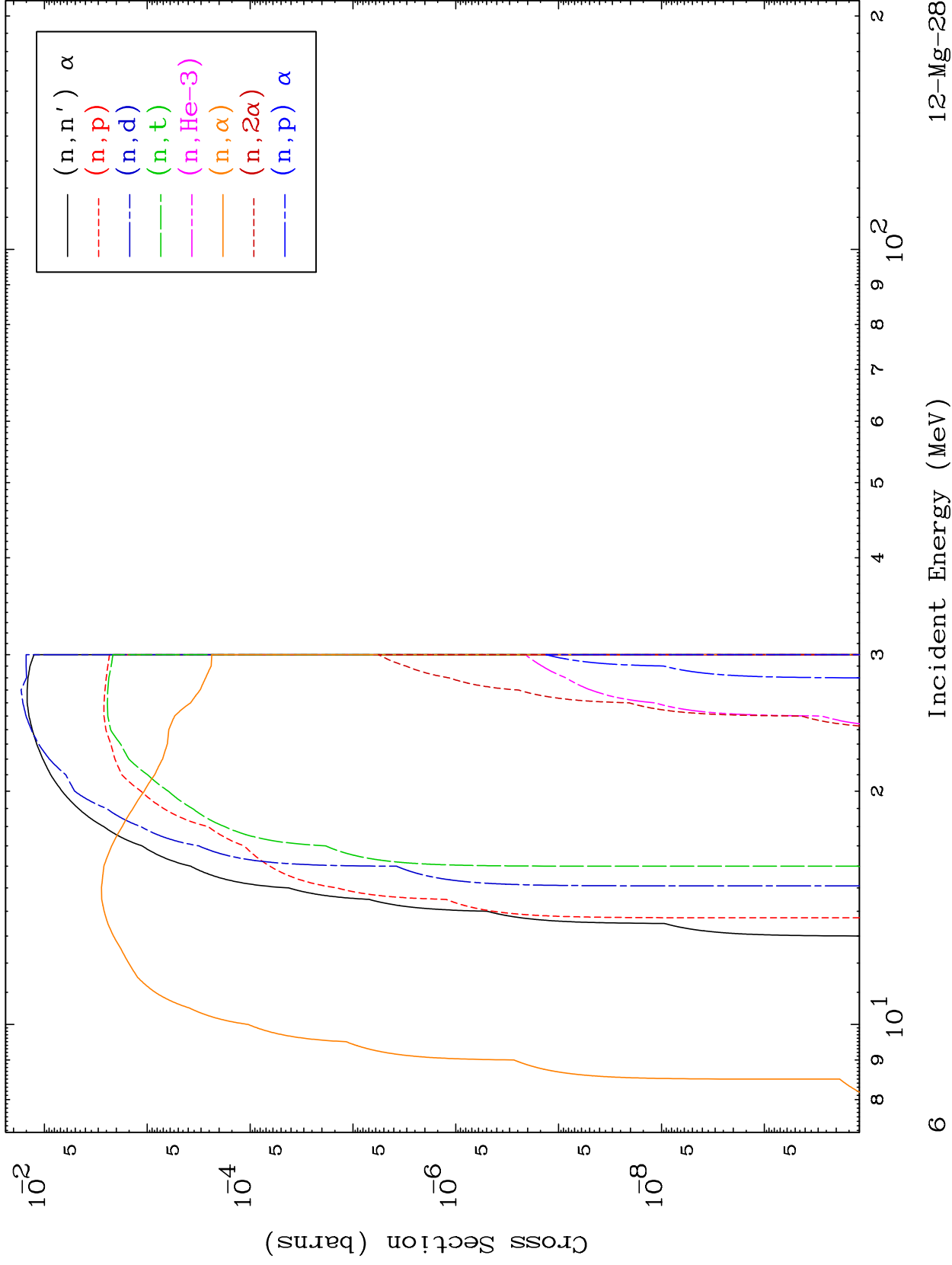
Incident Energy (MeV)

12-Mg-28

MAT 1237

Charged Particle  
293 Kelvin Cross Sections

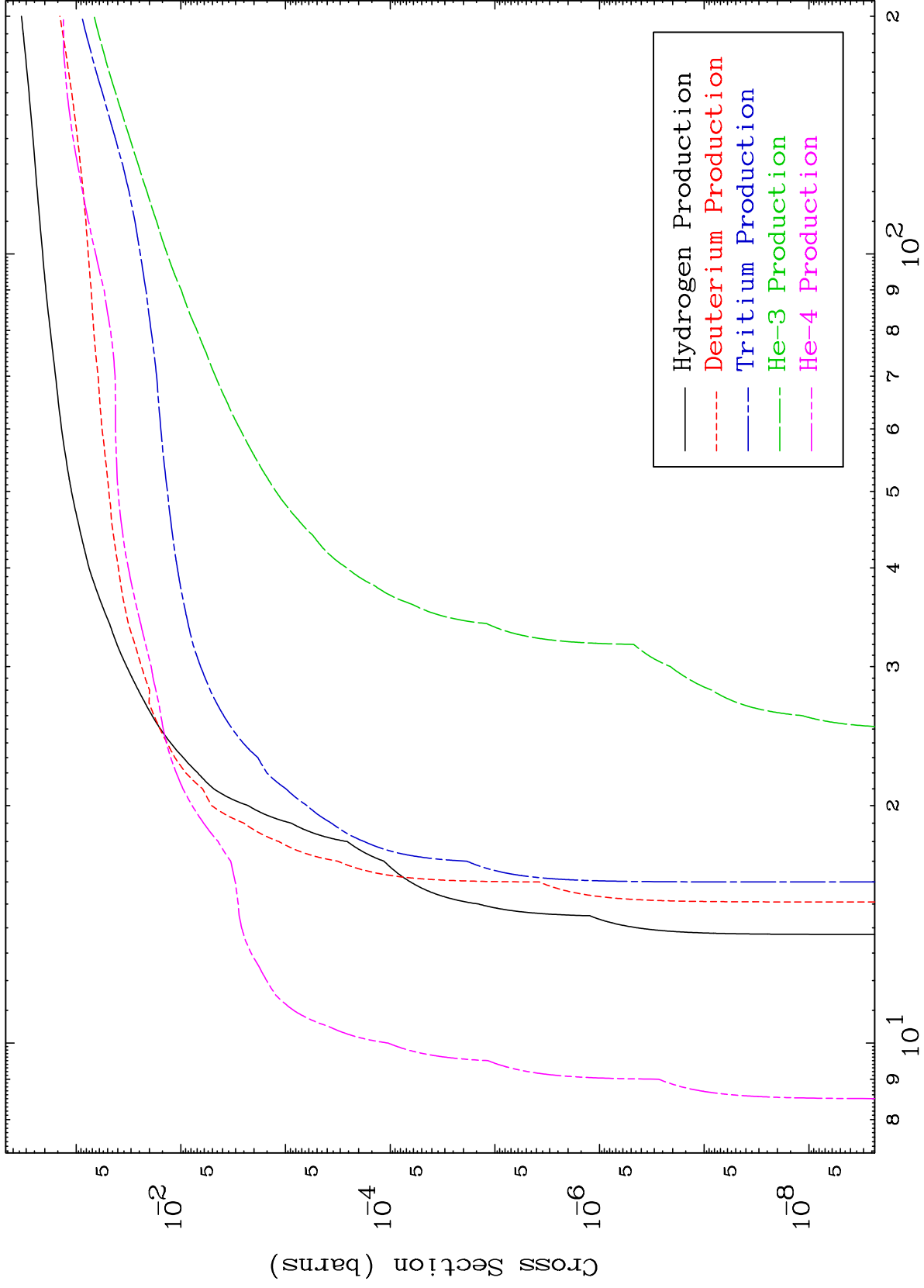
12-Mg-28



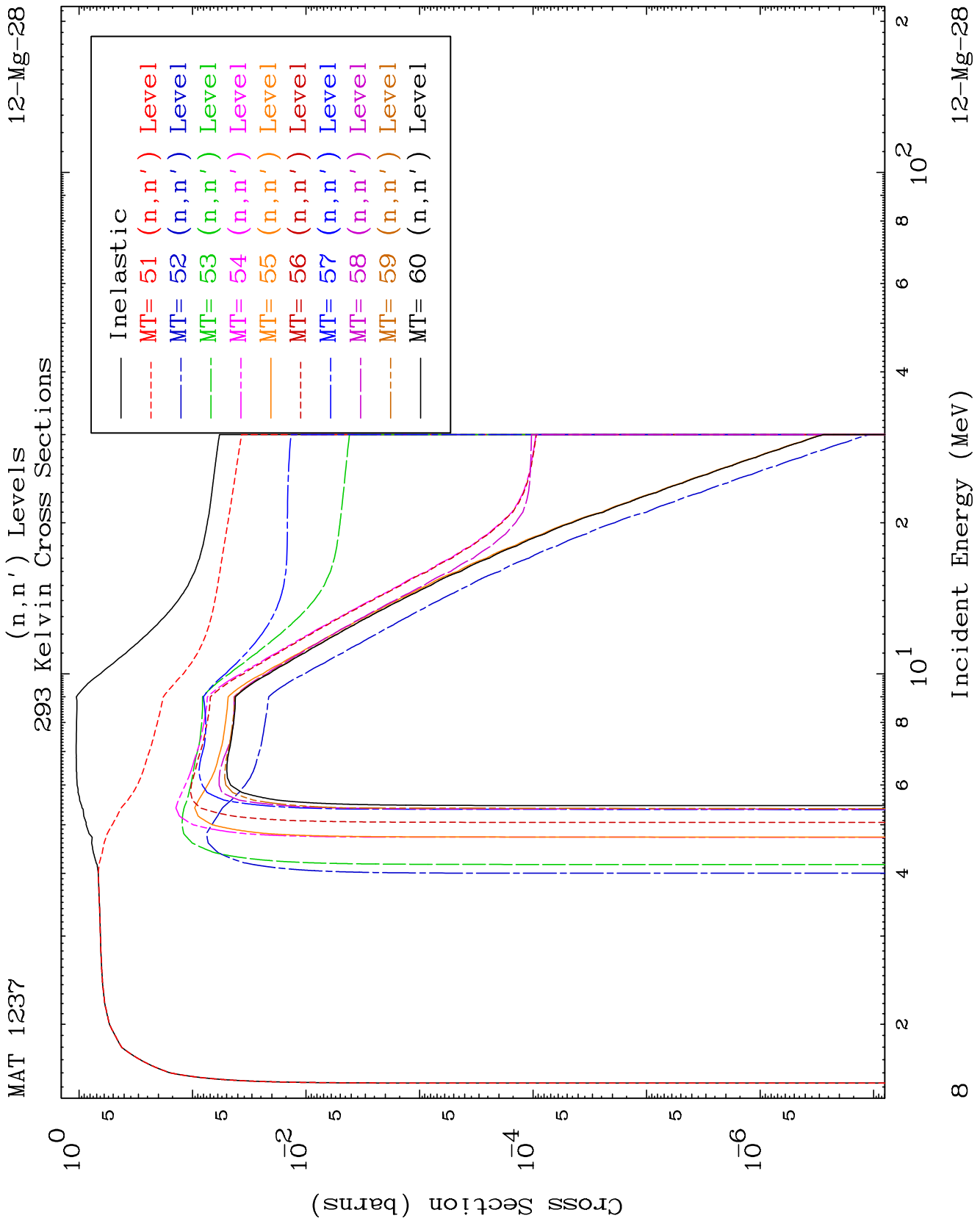
6

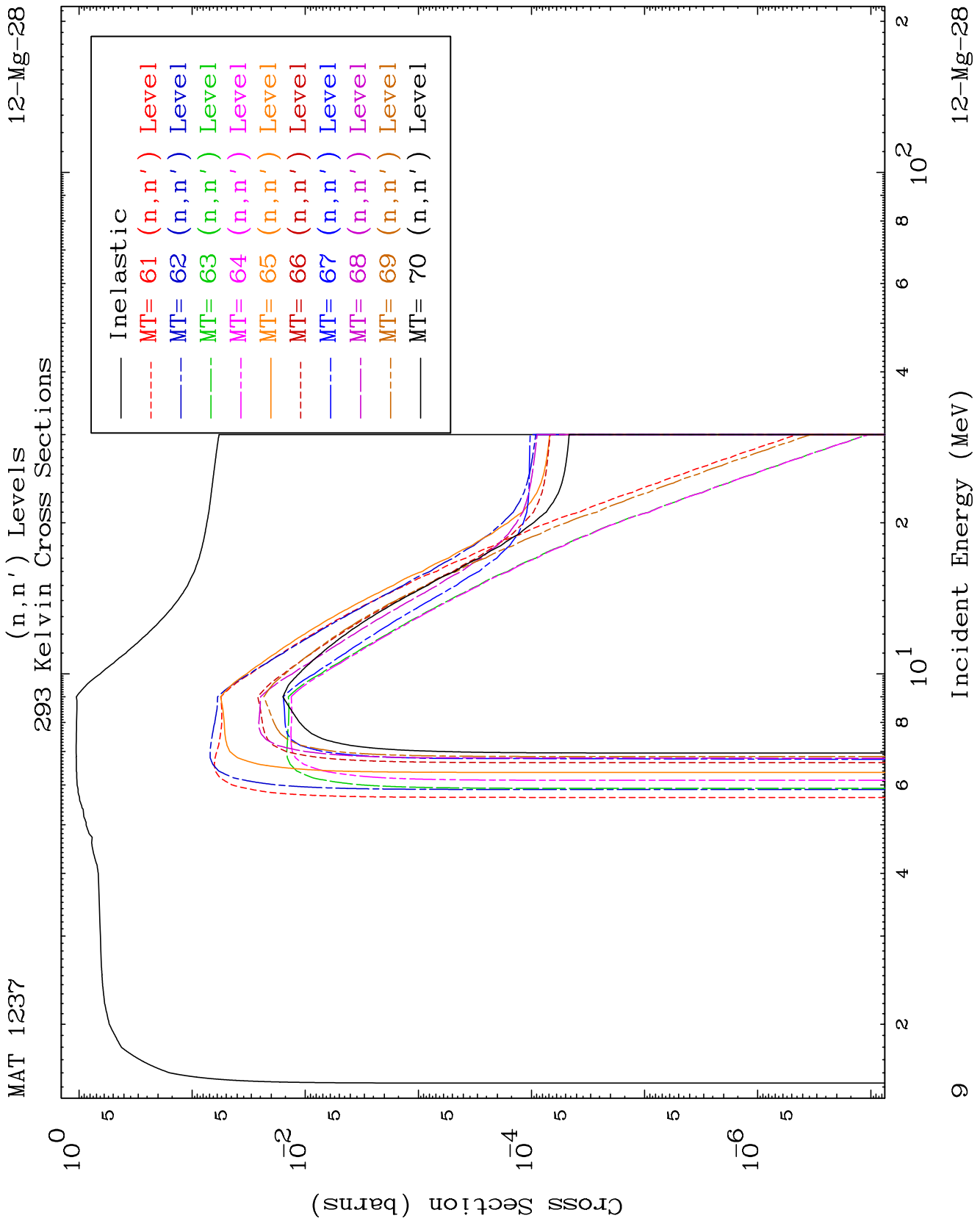
Incident Energy (MeV)

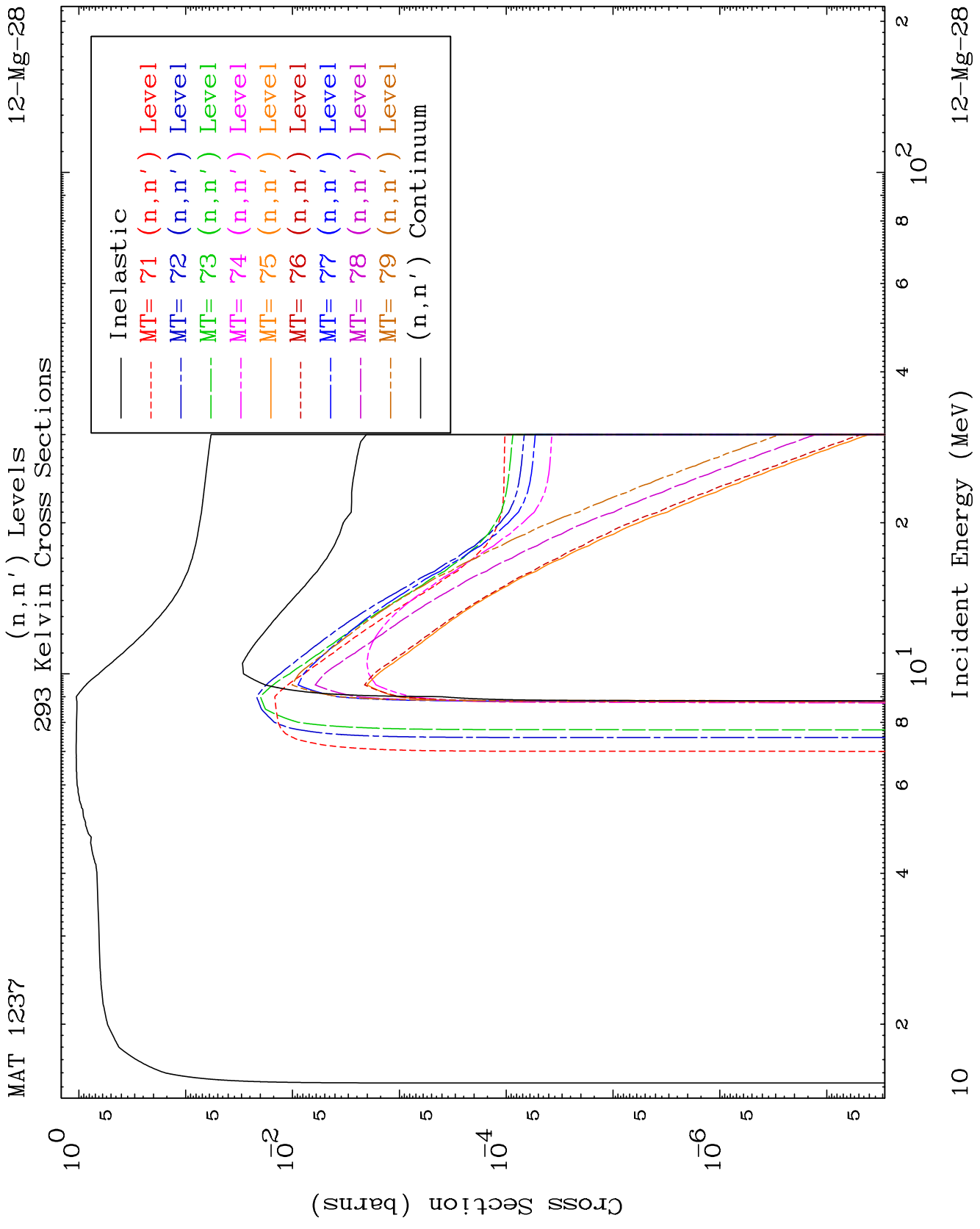
12-Mg-28

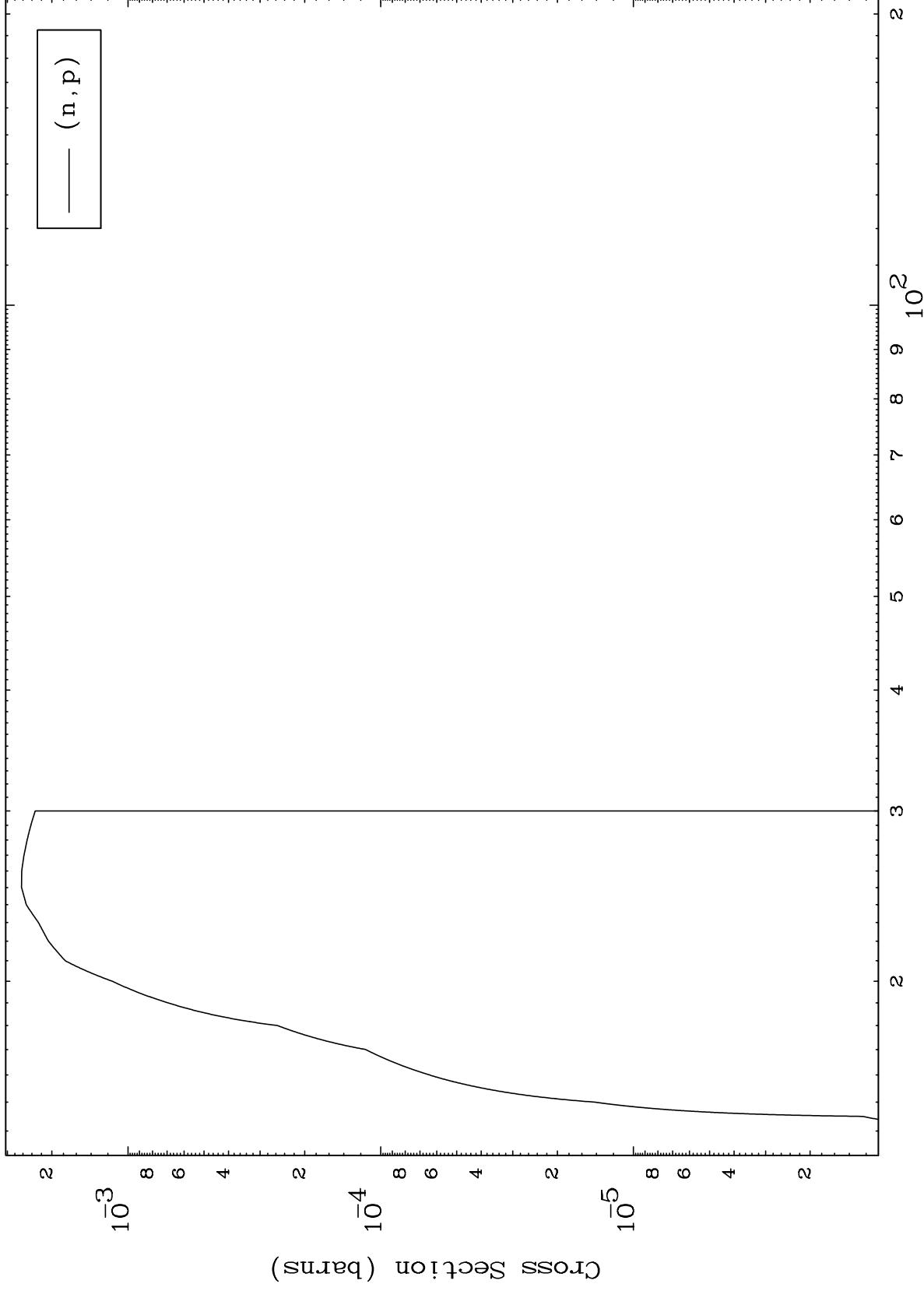








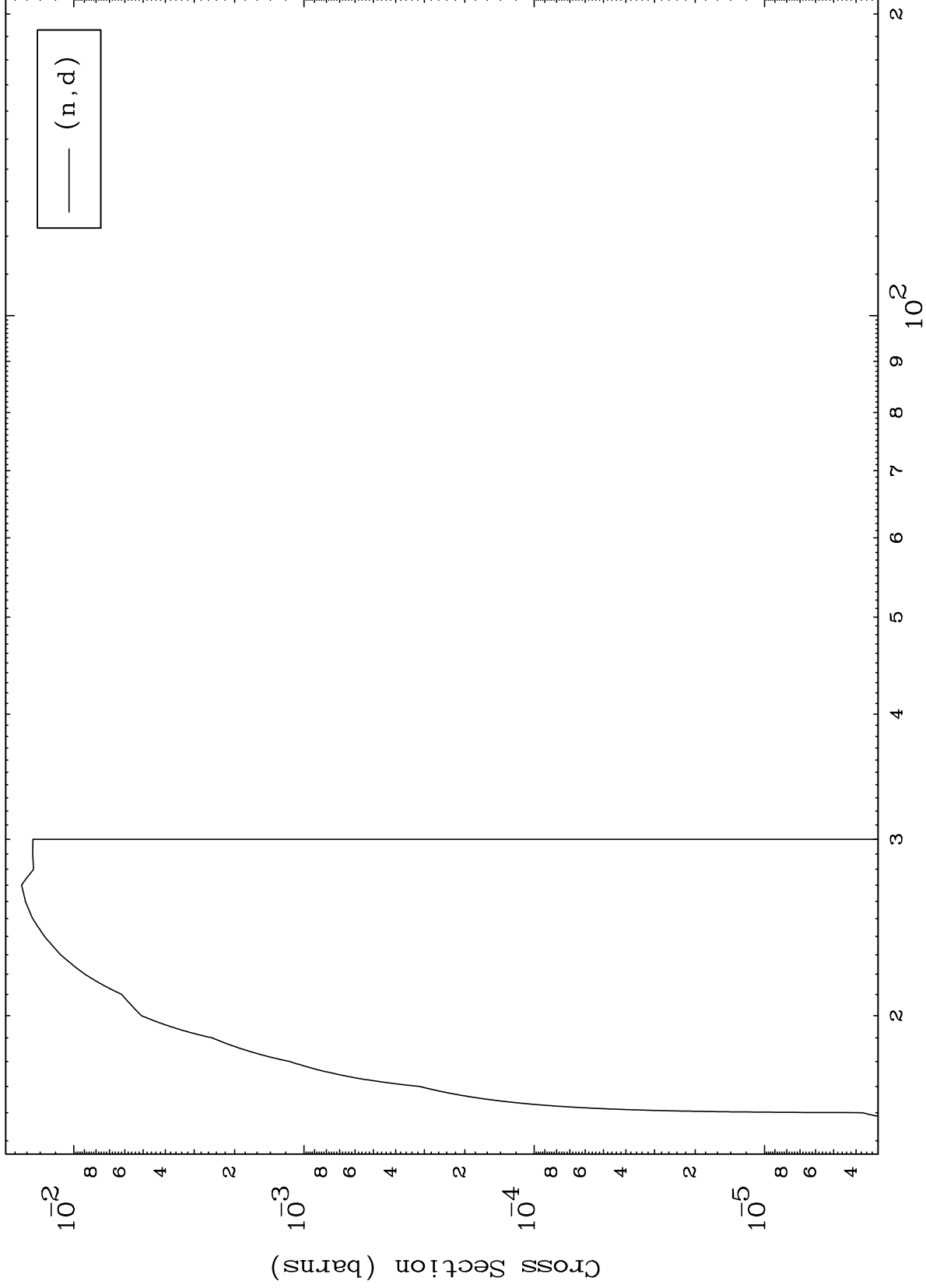




MAT 1237

(n,d) Levels  
293 Kelvin Cross Sections

12-Mg-28



12

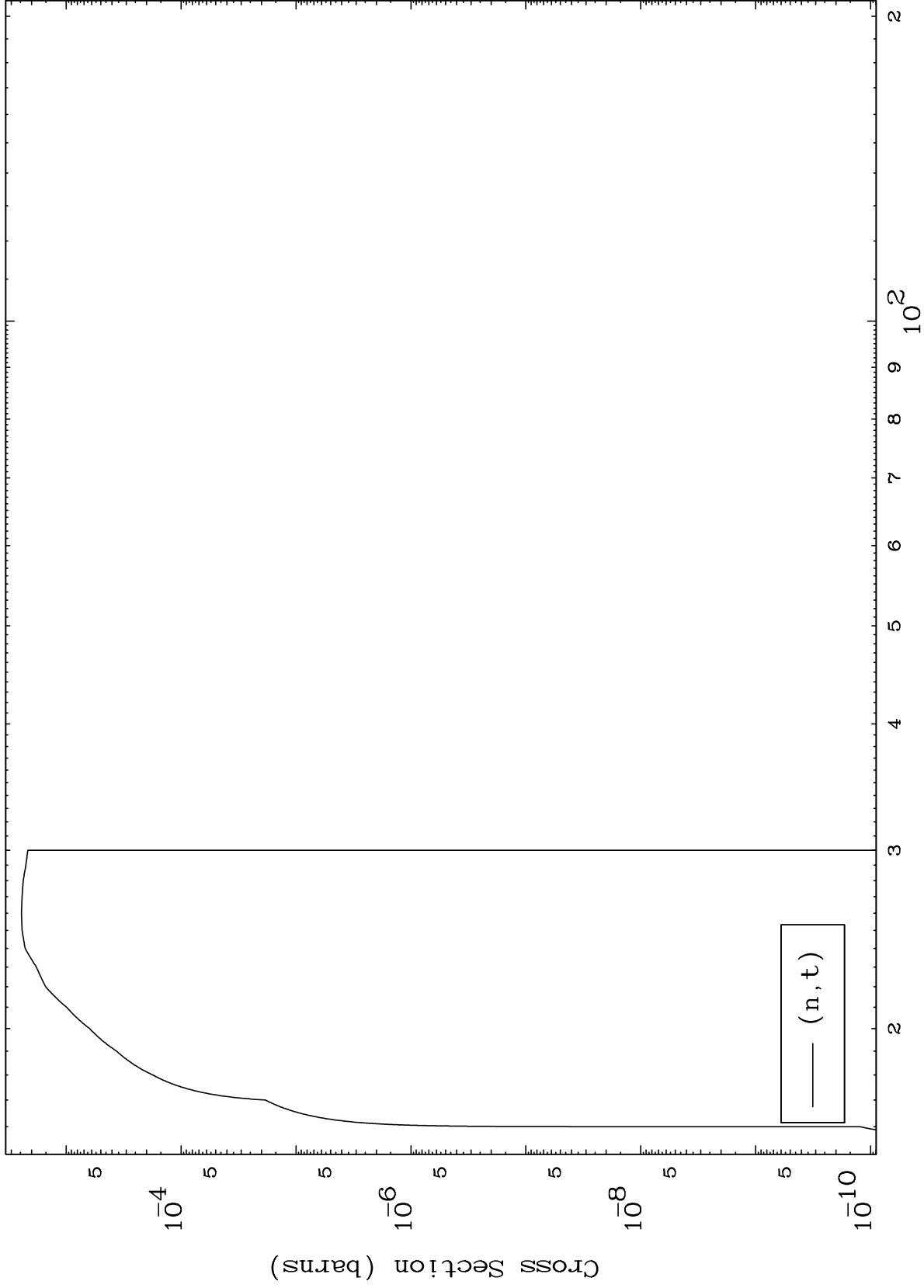
Incident Energy (MeV)

12-Mg-28

MAT 1237

(n,t) Levels  
293 Kelvin Cross Sections

12-Mg-28



13

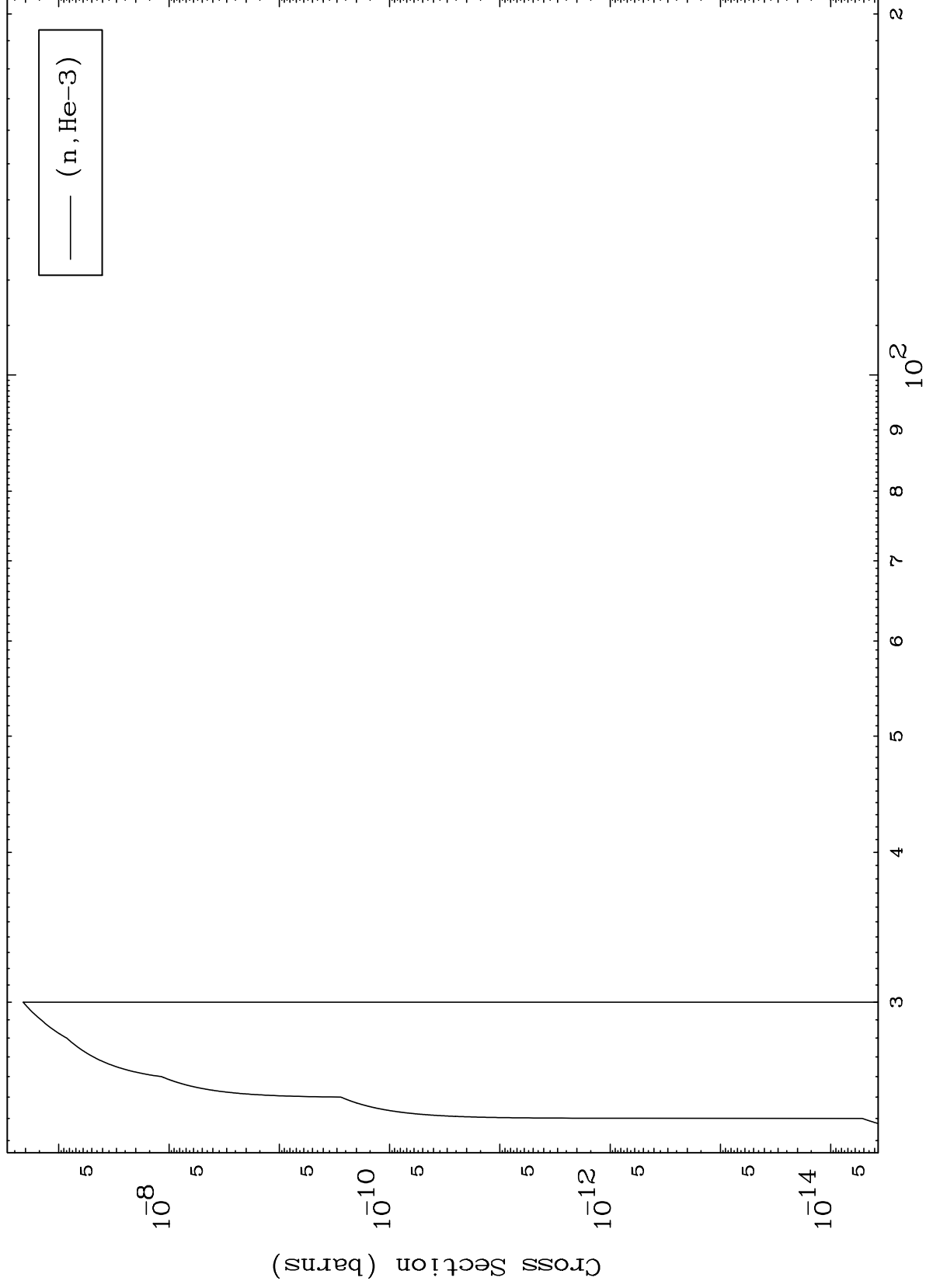
Incident Energy (MeV)

12-Mg-28

MAT 1237

(n,He3) Levels  
293 Kelvin Cross Sections

12-Mg-28



14

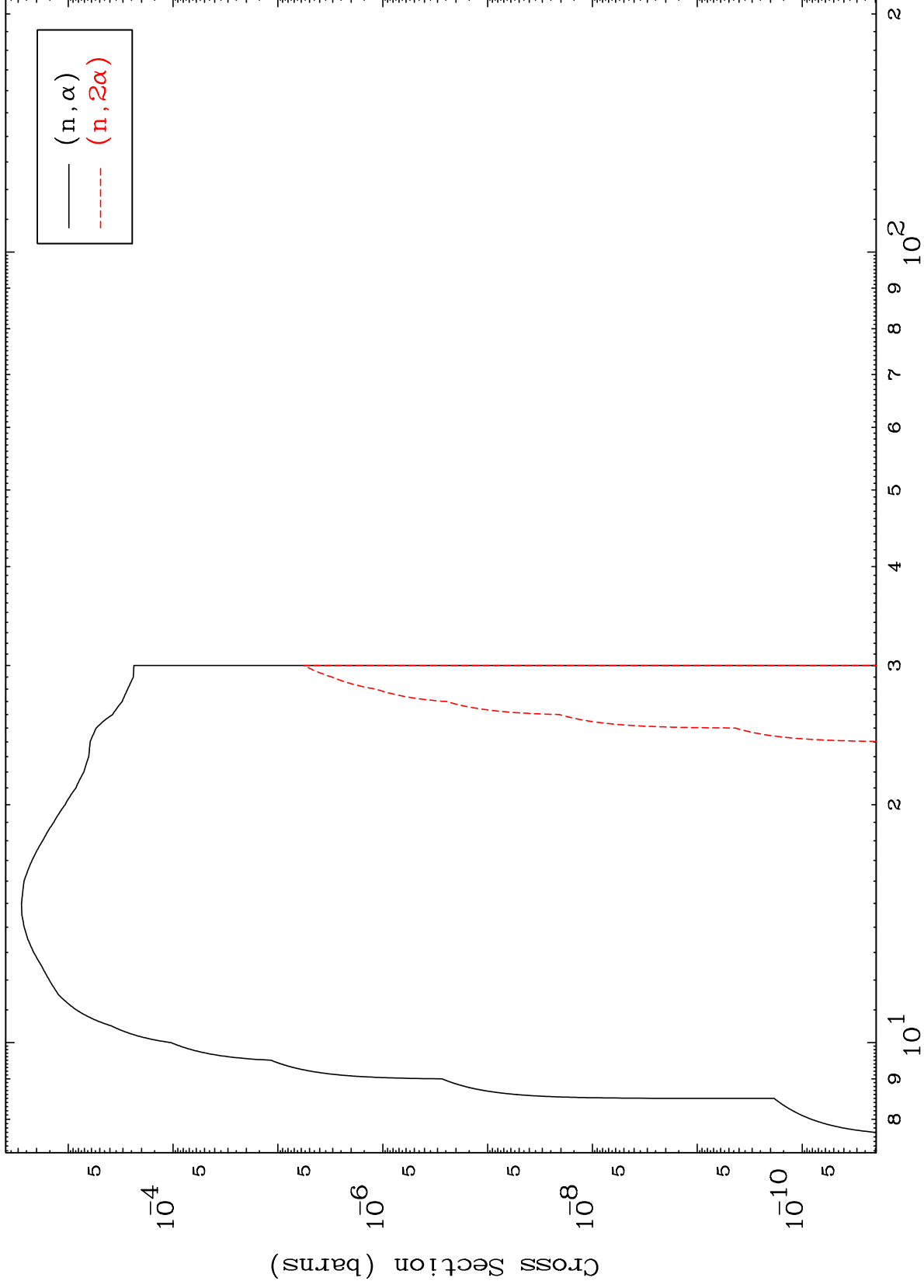
Incident Energy (MeV)

12-Mg-28

MAT 1237

(n,α) Levels  
293 Kelvin Cross Sections

12-Mg-28



15

Incident Energy (MeV)

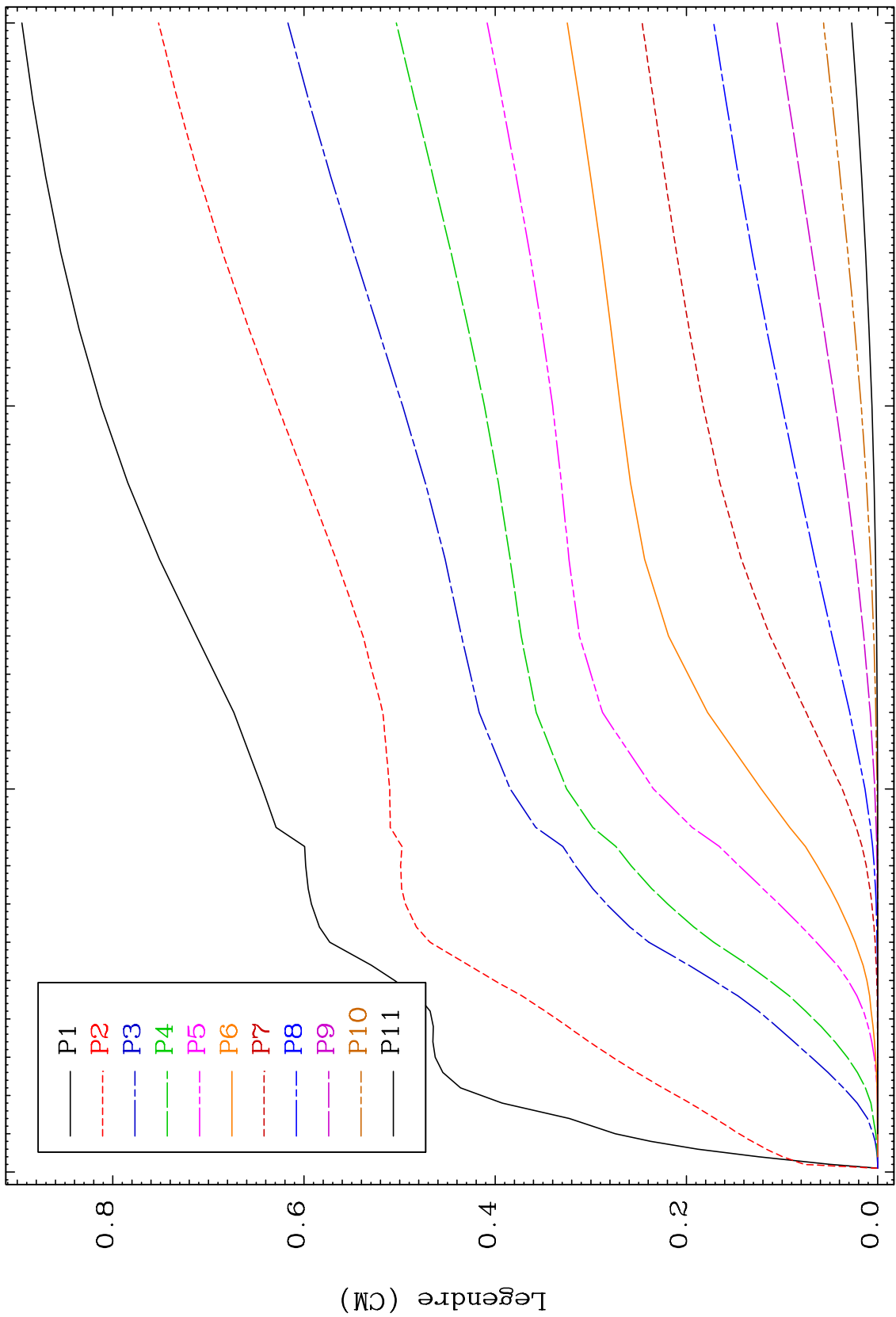
12-Mg-28



MAT 1237

12-Mg-28

Elastic Legendre Coefficients

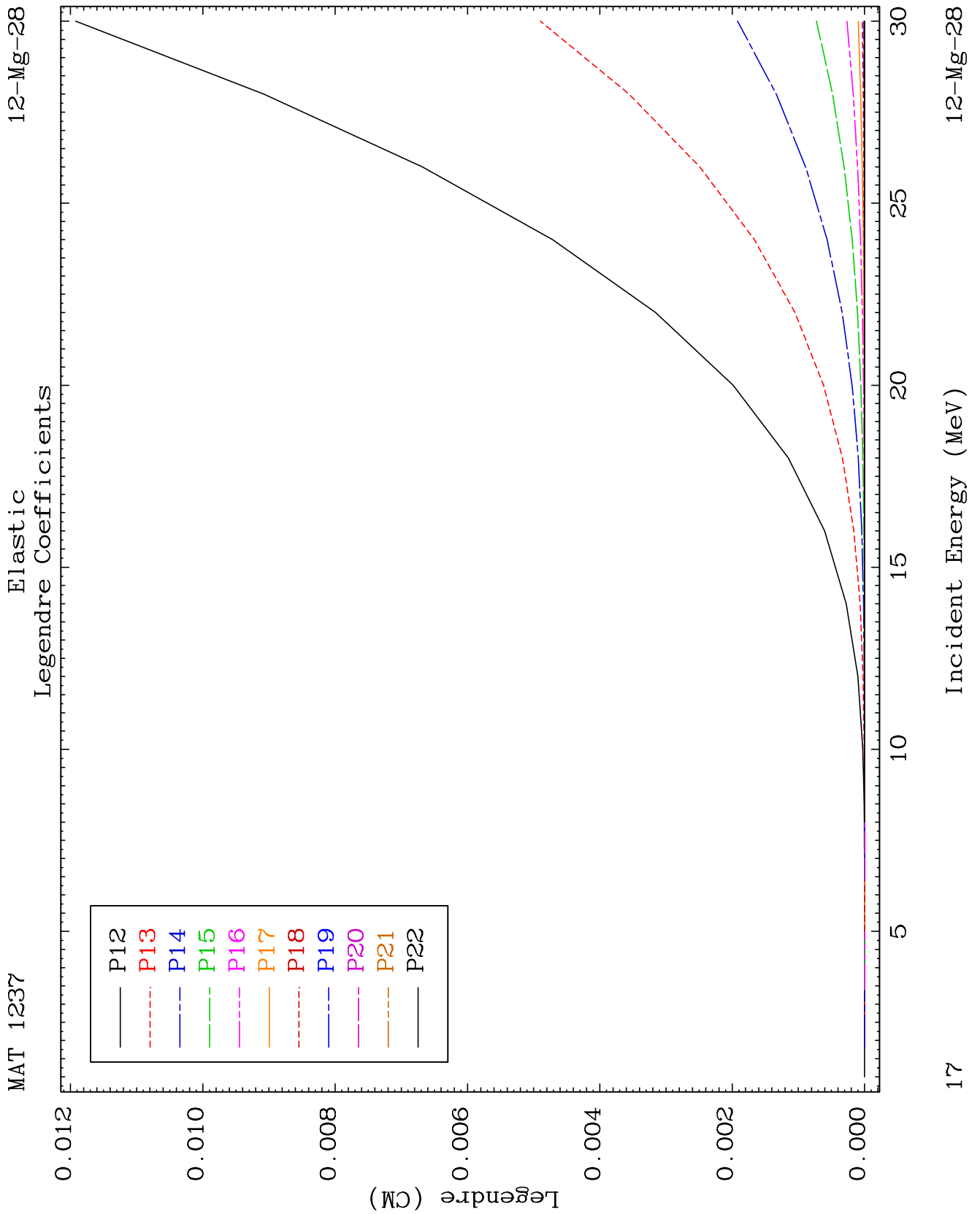


12-Mg-28

Incident Energy (MeV)

16

- P1
- P2
- P3
- P4
- P5
- P6
- P7
- P8
- P9
- P10
- P11

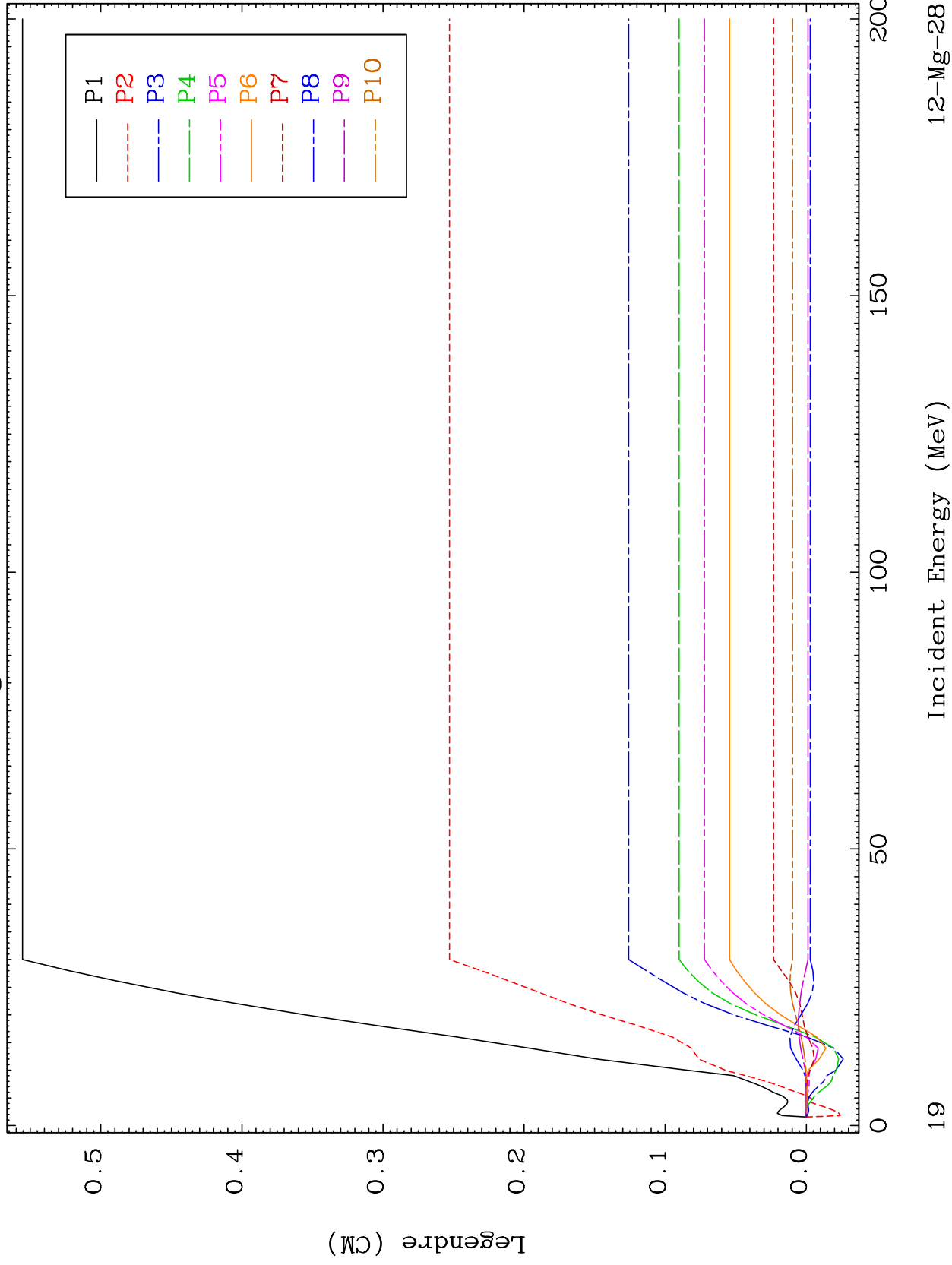




MAT 1237

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

12-Mg-28



12-Mg-28

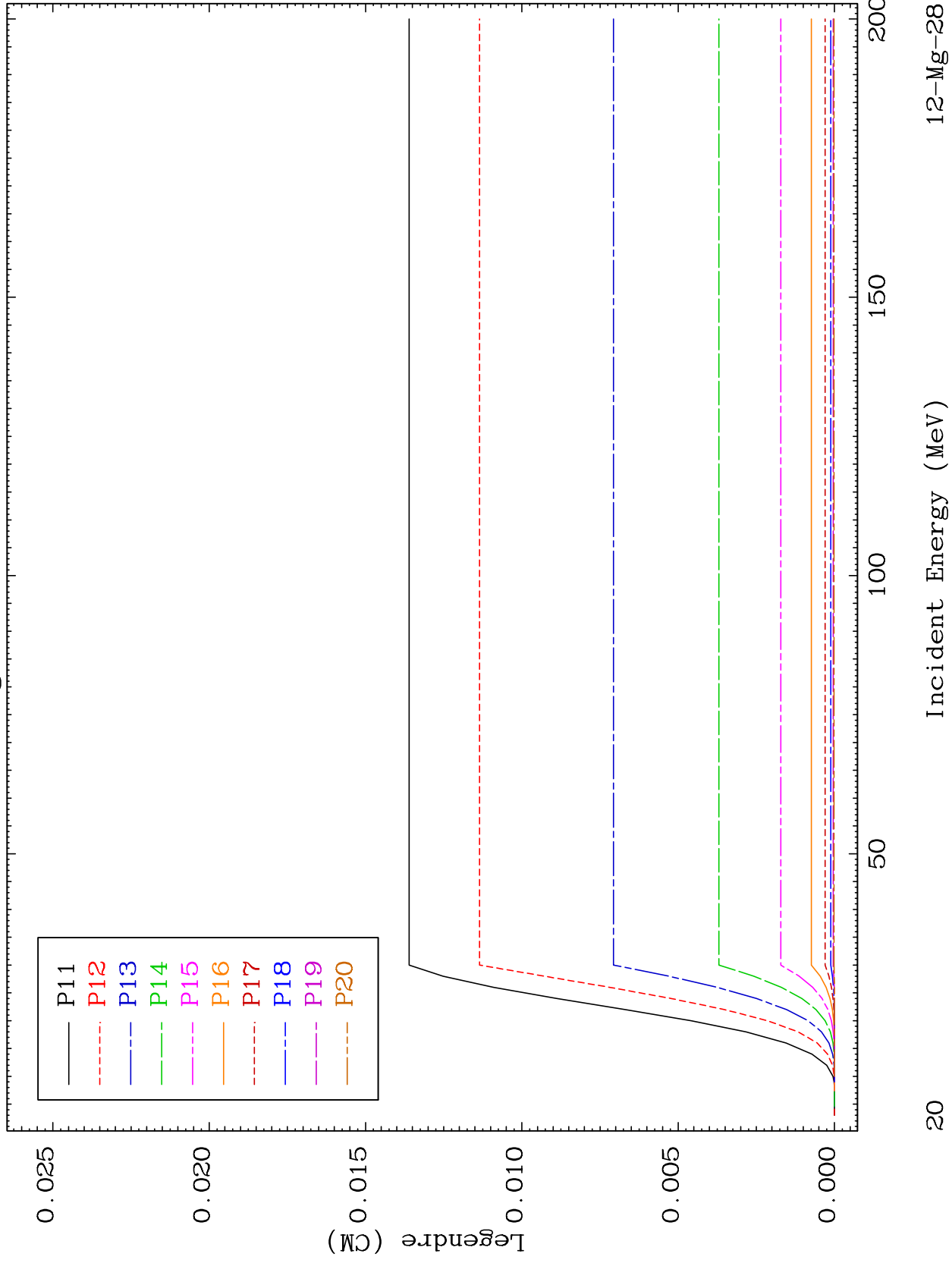
Incident Energy (MeV)

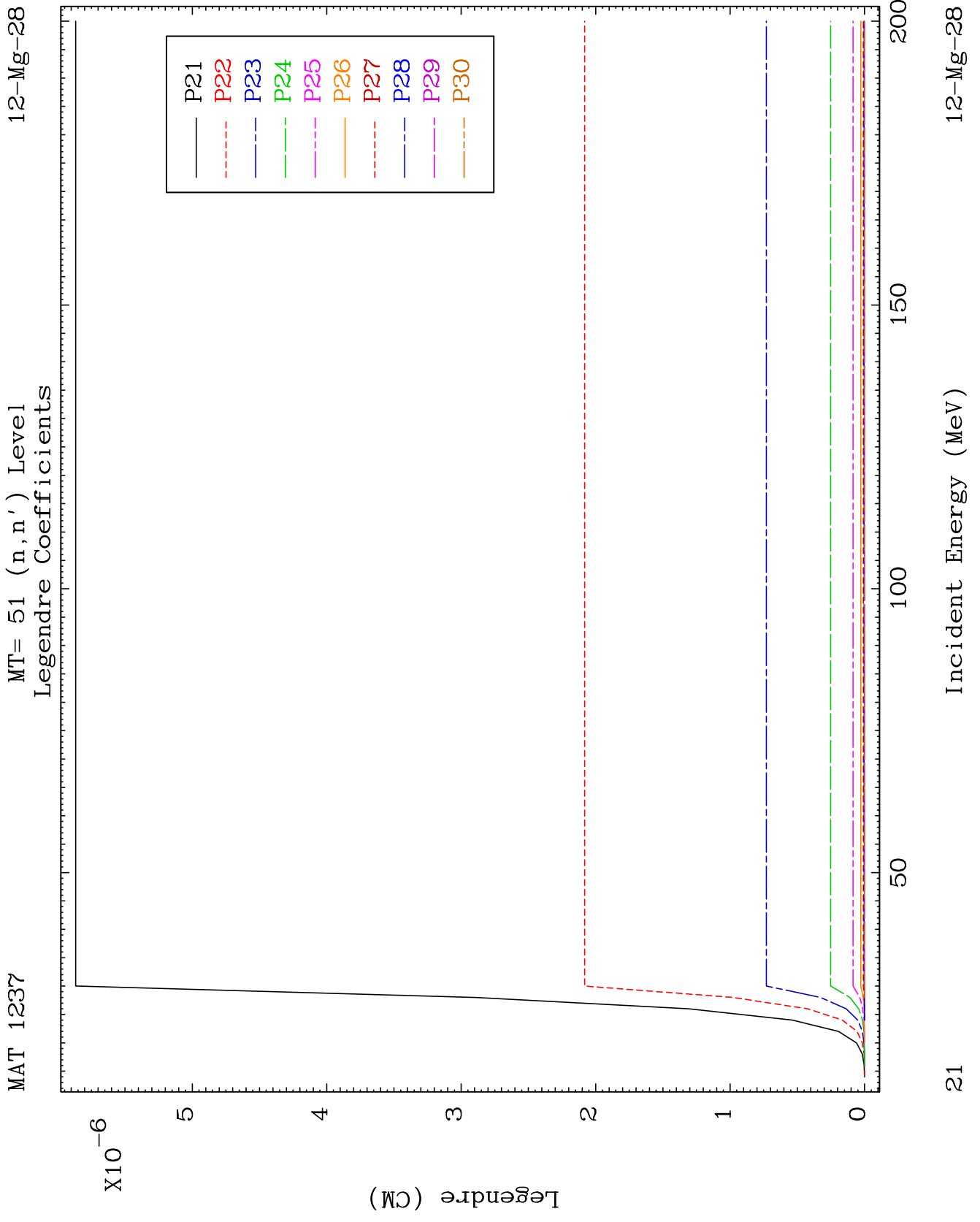
19

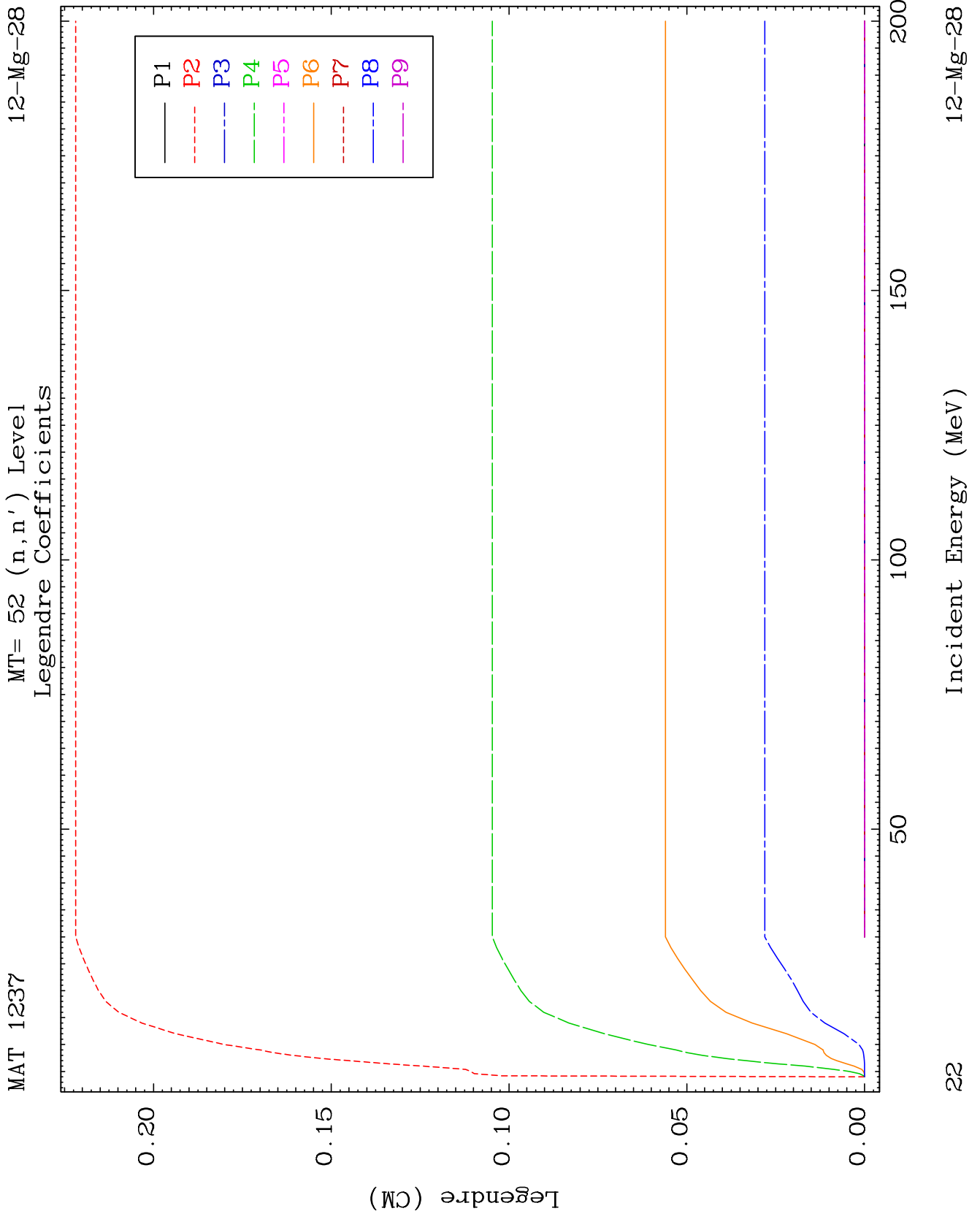
MAT 1237

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

12-Mg-28



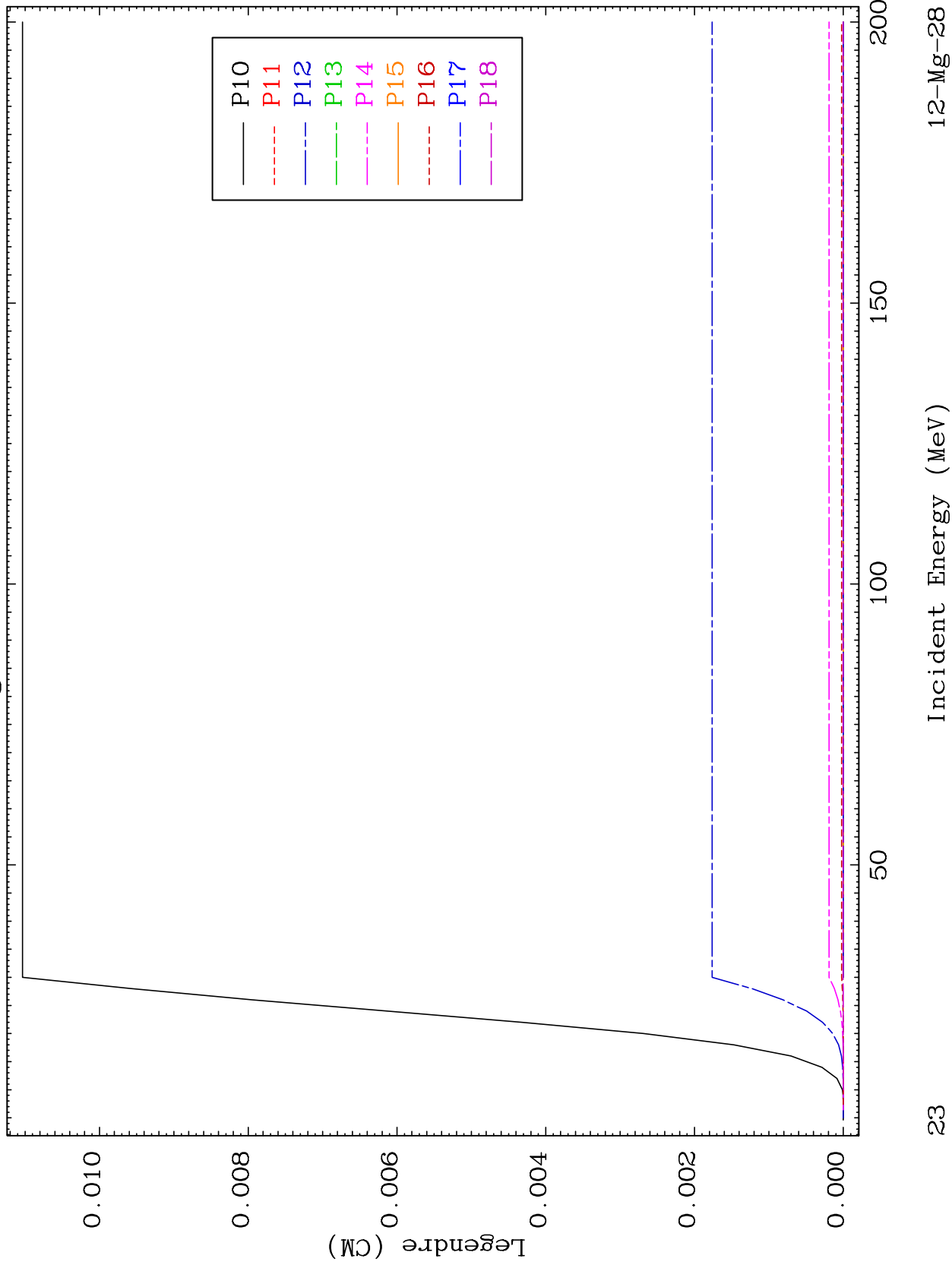




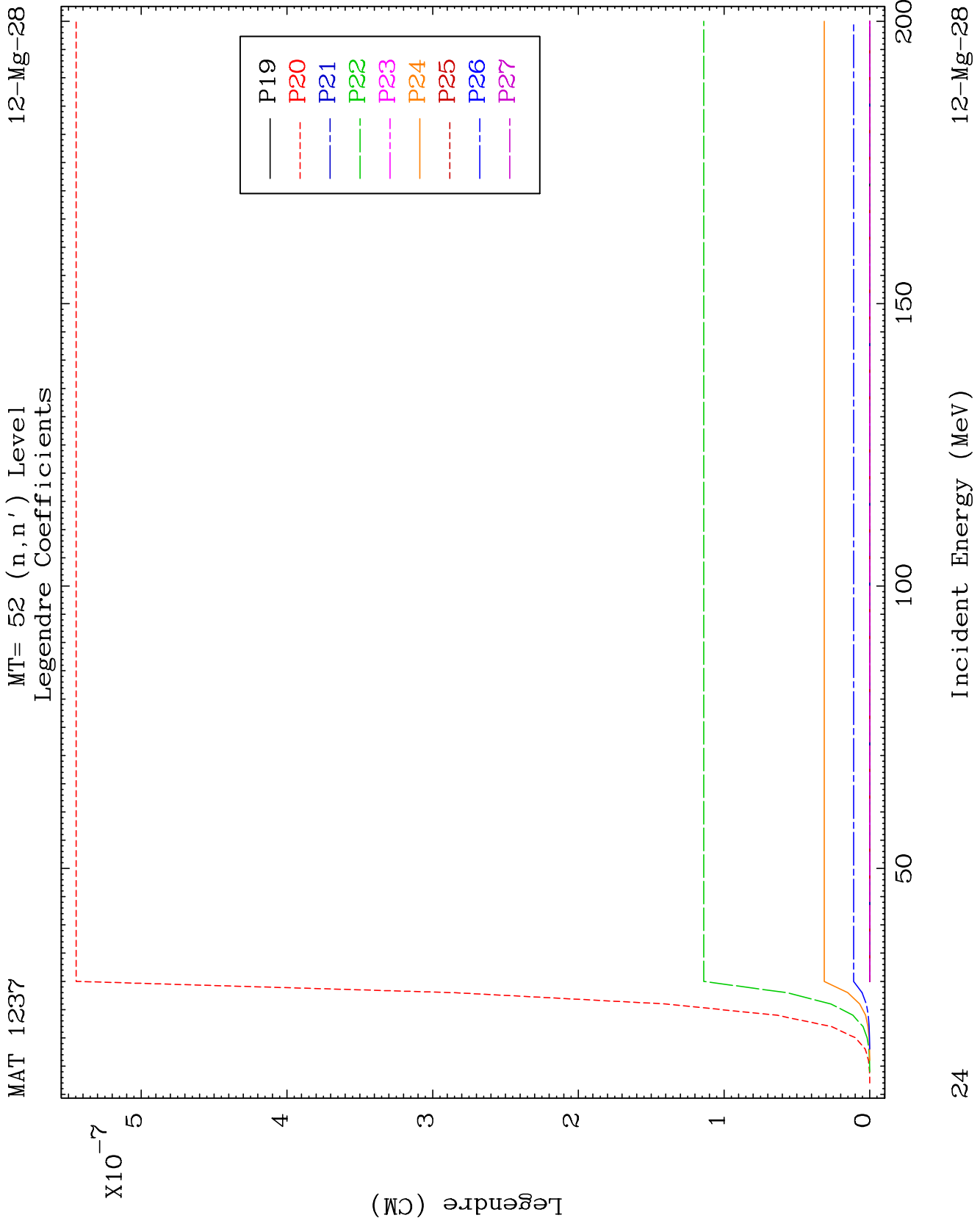
MAT 1237

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

12-Mg-28



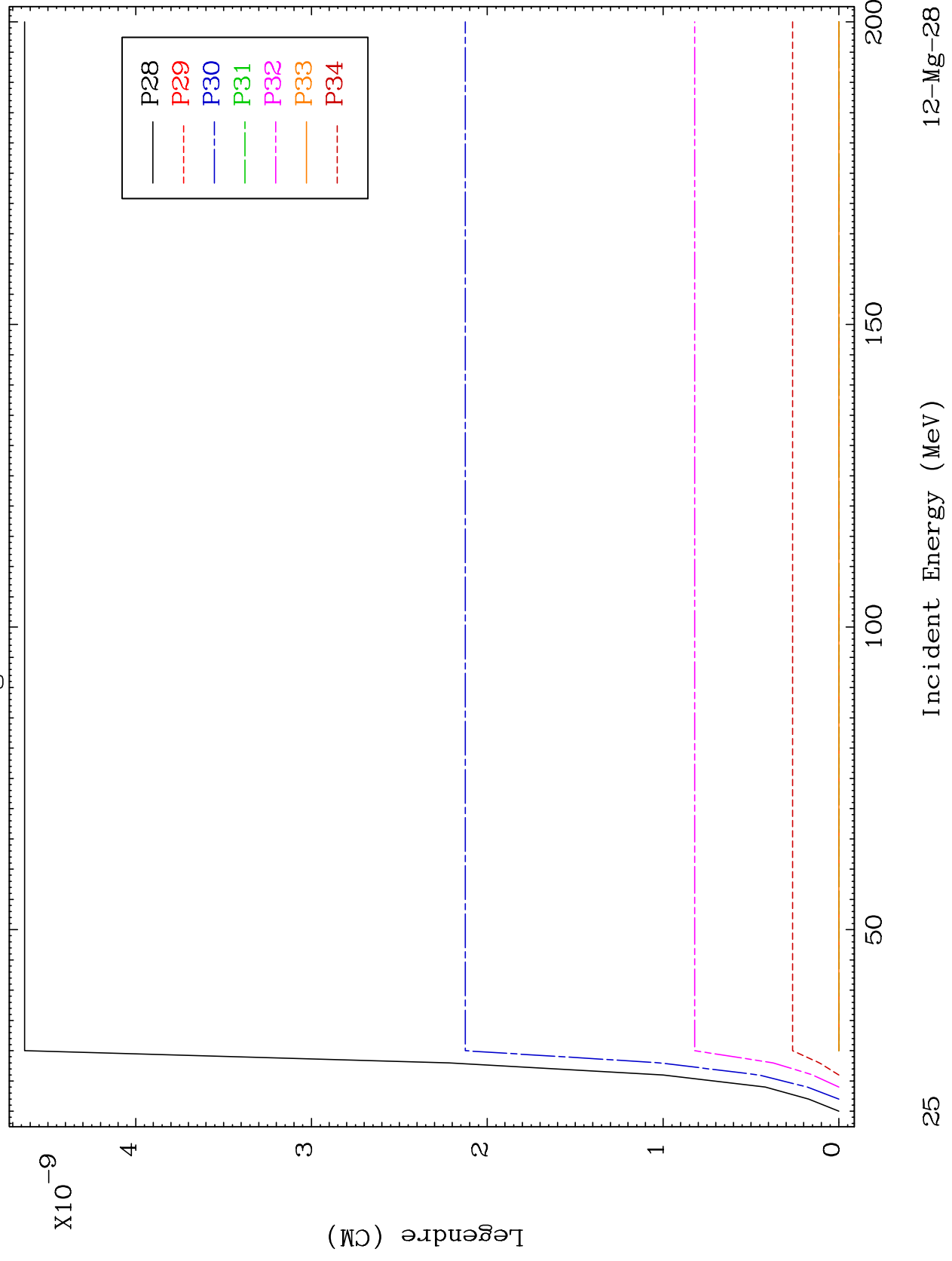




MAT 1237

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

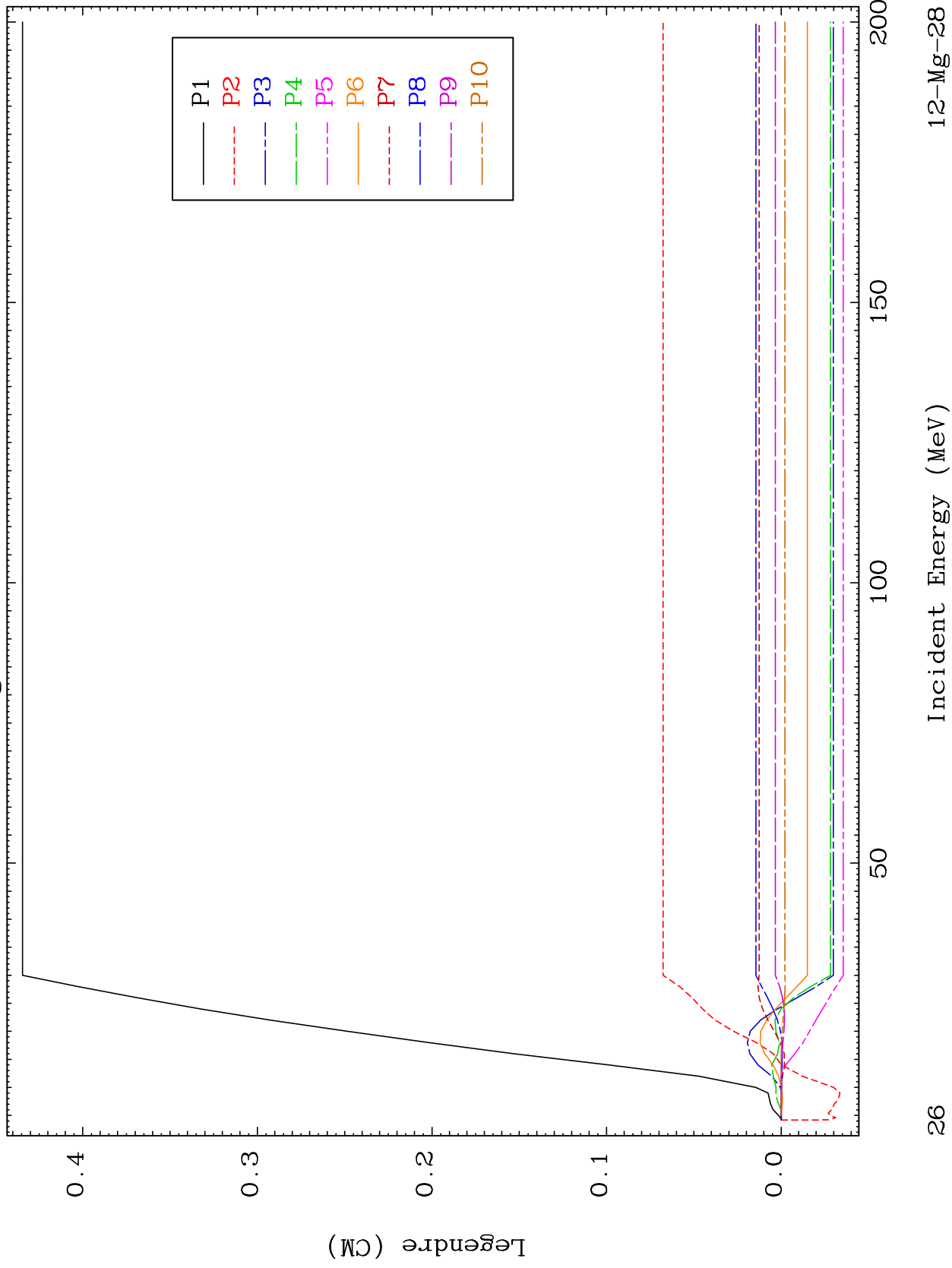
12-Mg-28



MAT 1237

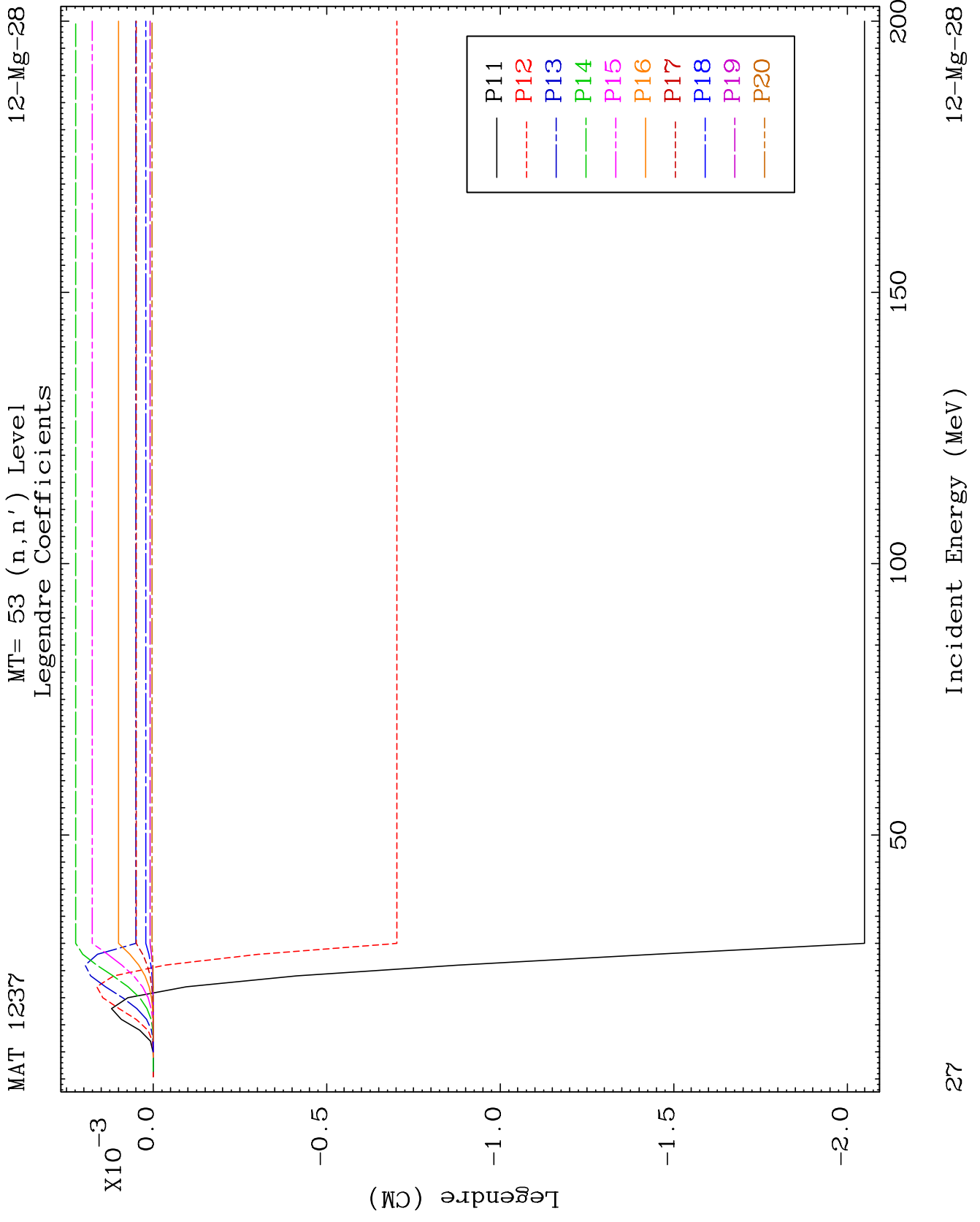
MT= 53 (n,n') Level  
Legendre Coefficients

12-Mg-28



26

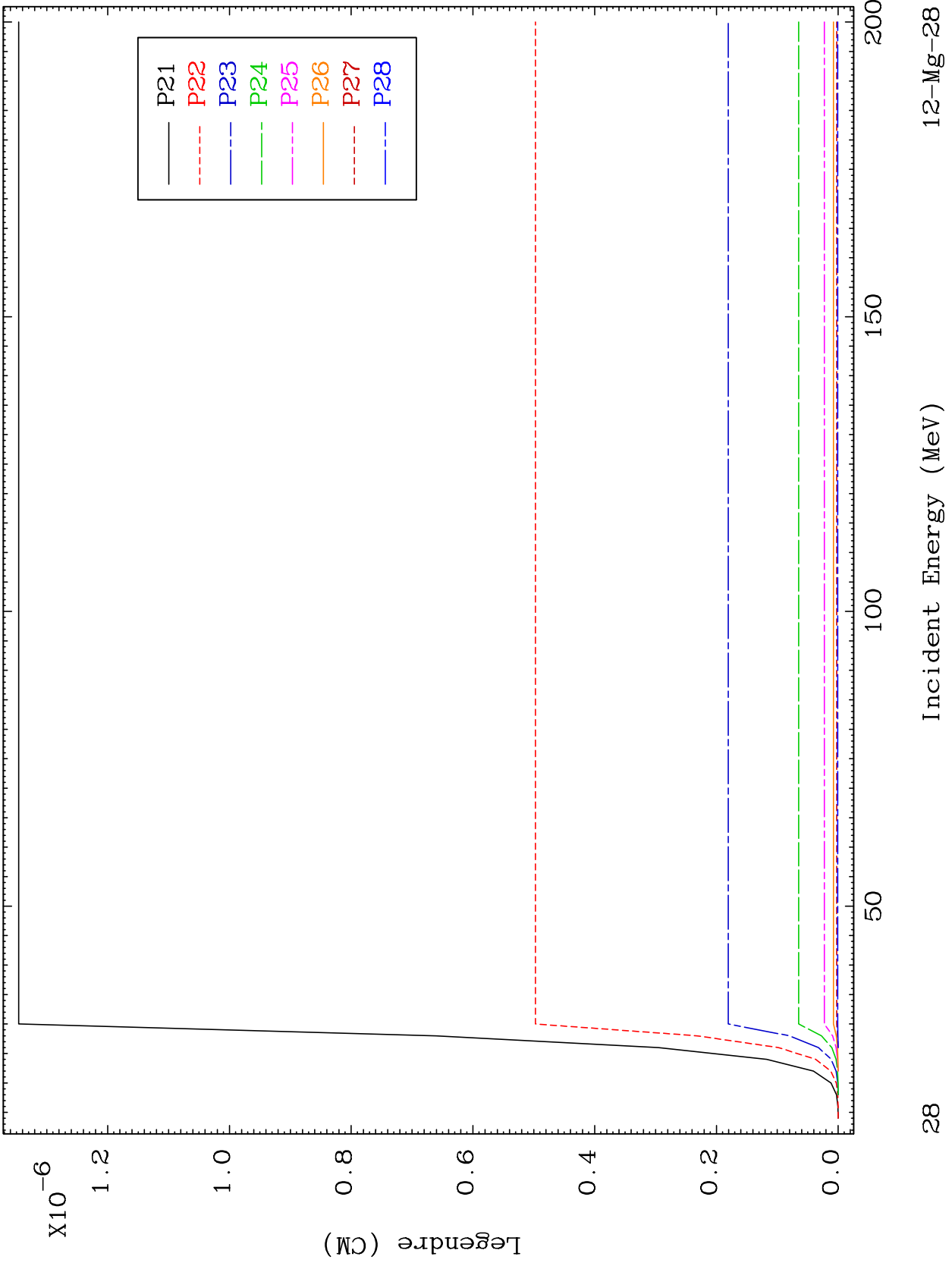
12-Mg-28



MAT 1237

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

12-Mg-28



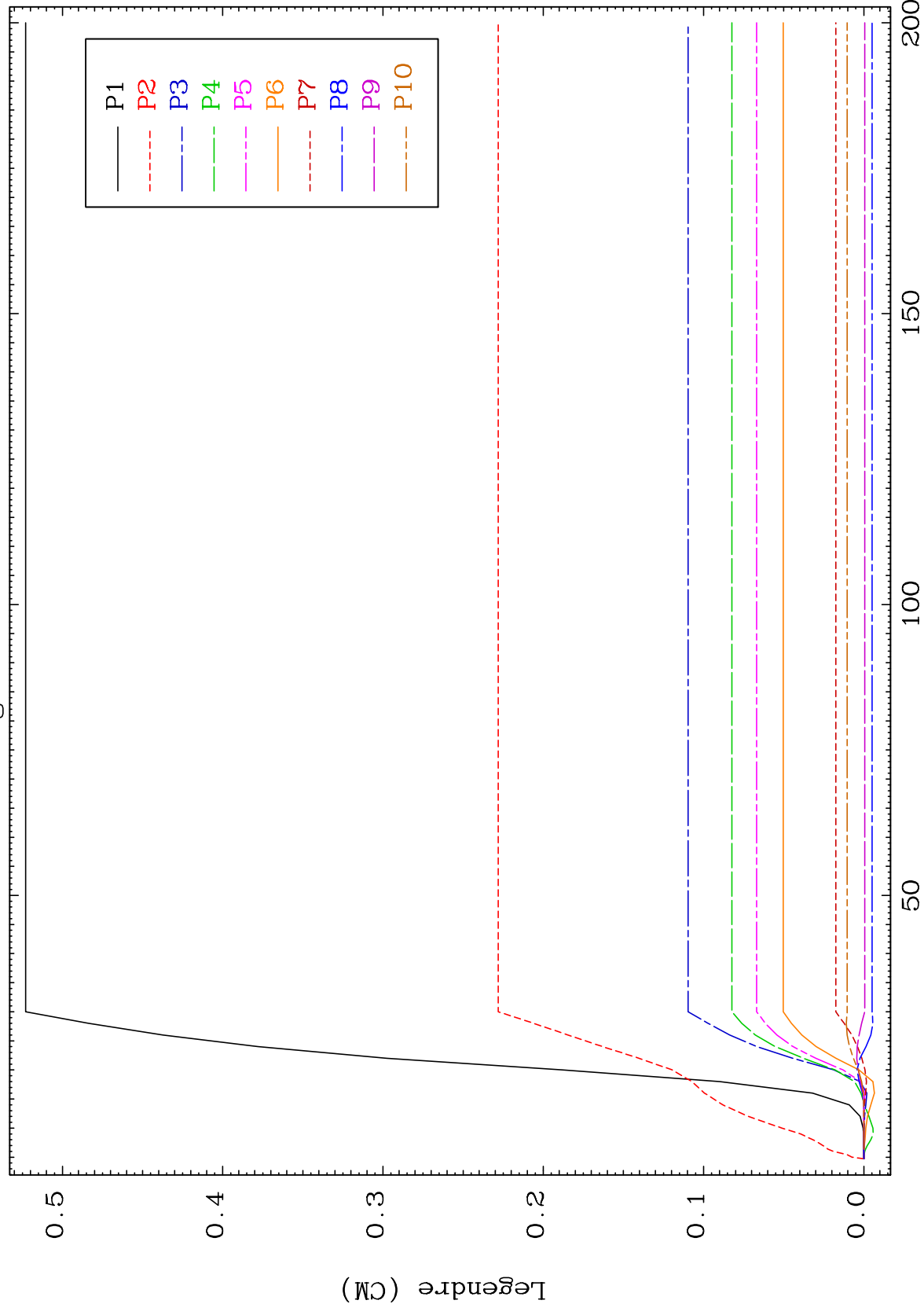
28

12-Mg-28

MAT 1237

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

12-Mg-28



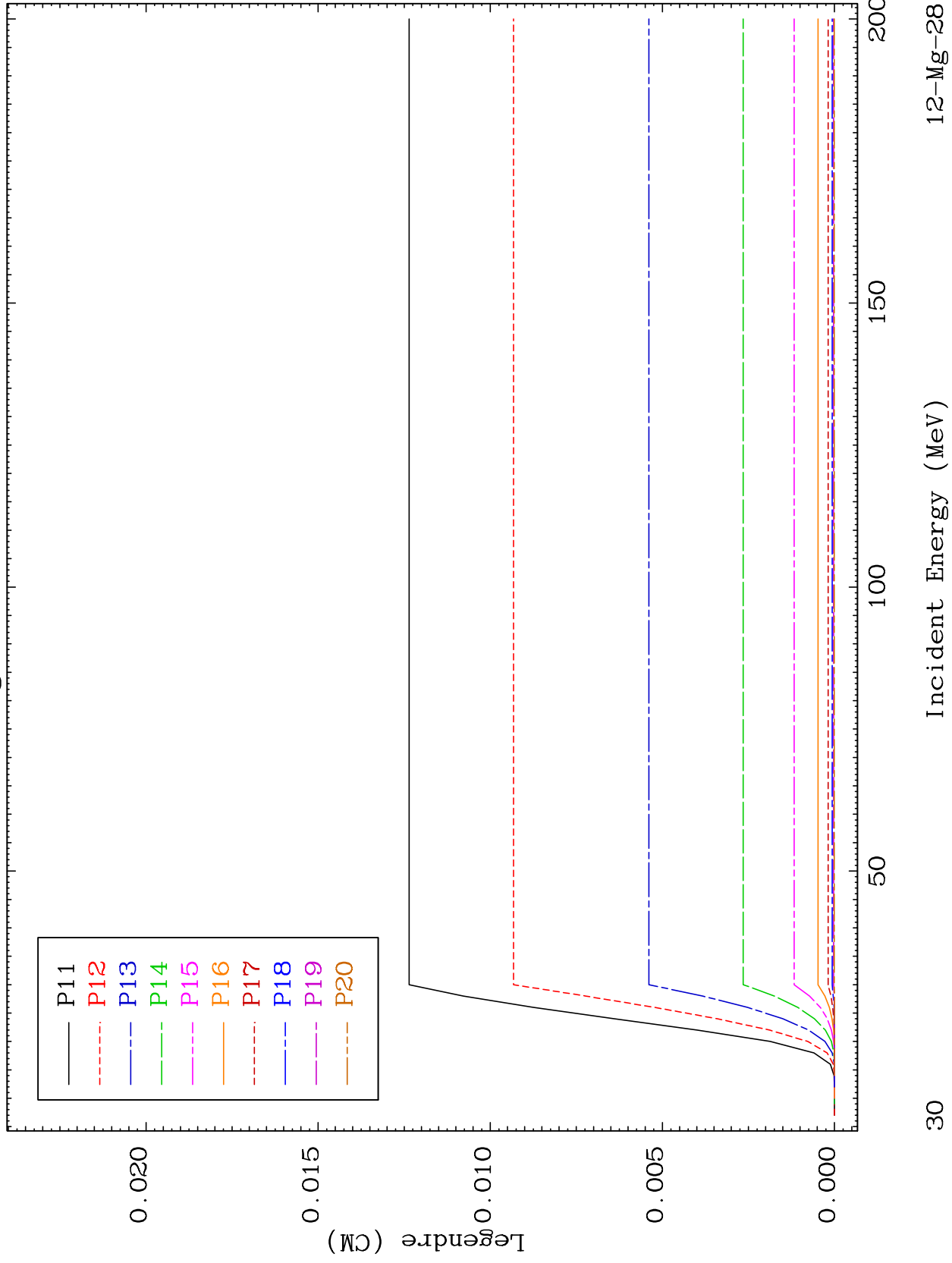
29

12-Mg-28

MAT 1237

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

12-Mg-28



30

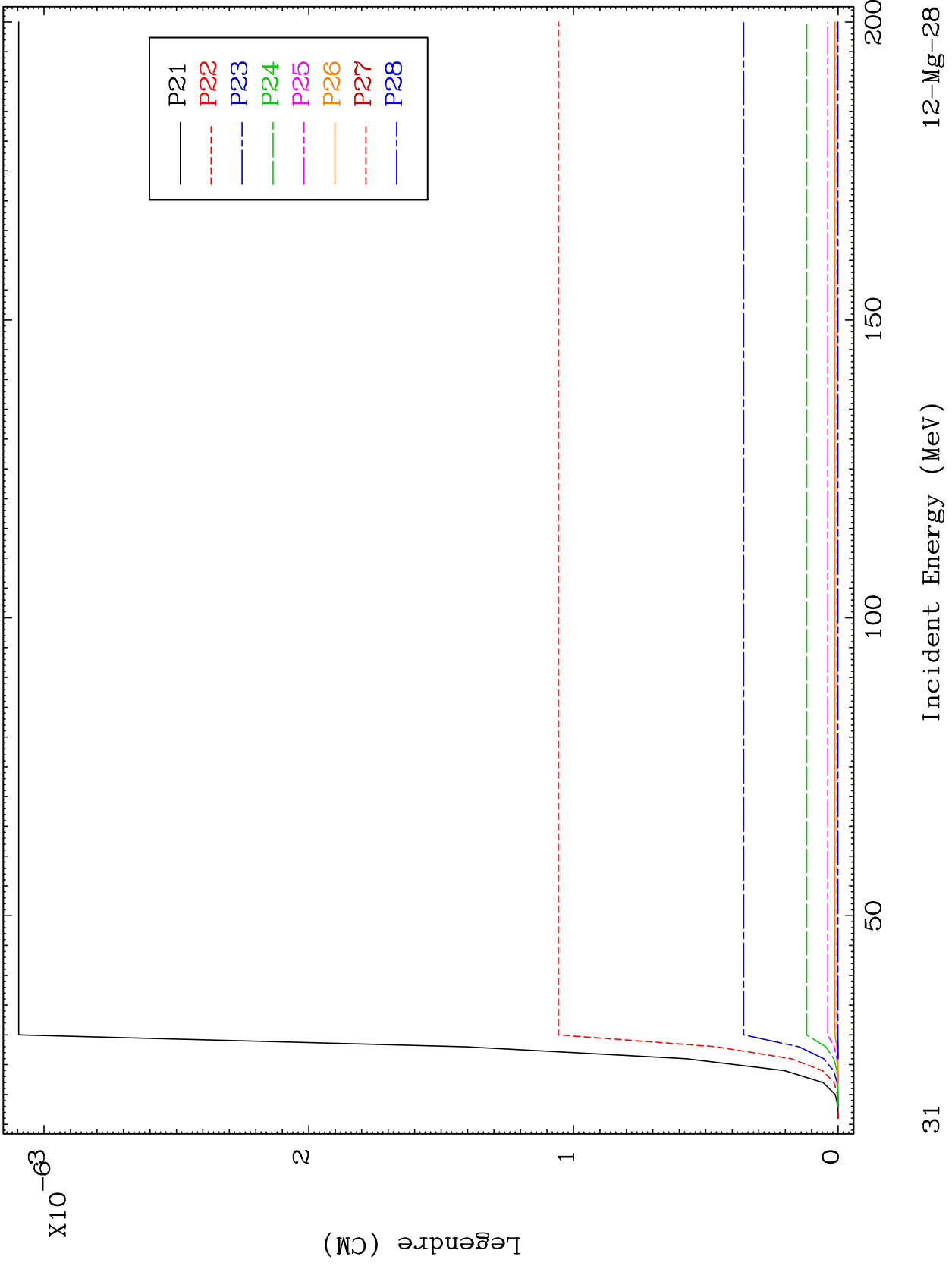
Incident Energy (MeV)

12-Mg-28

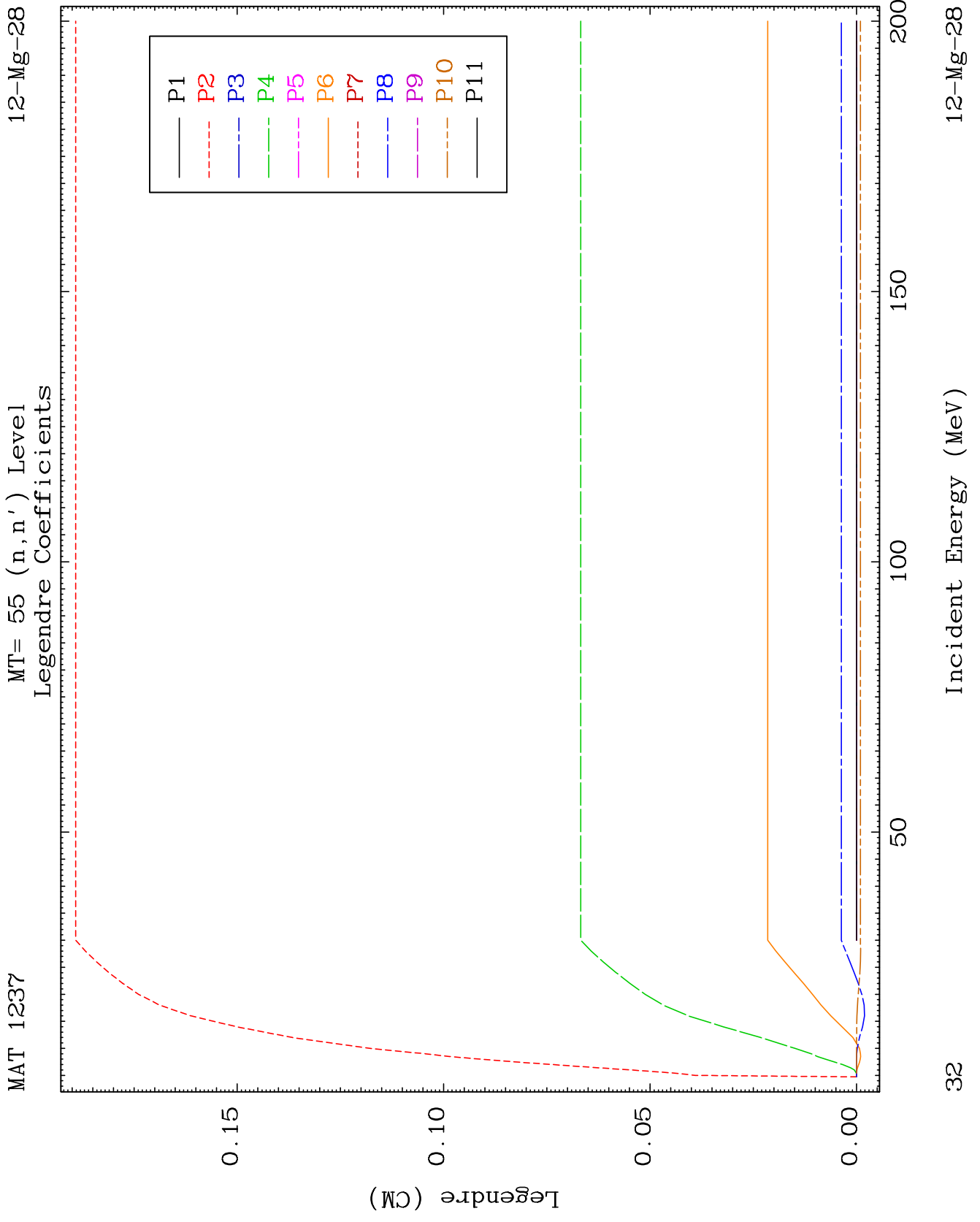
MAT 1237

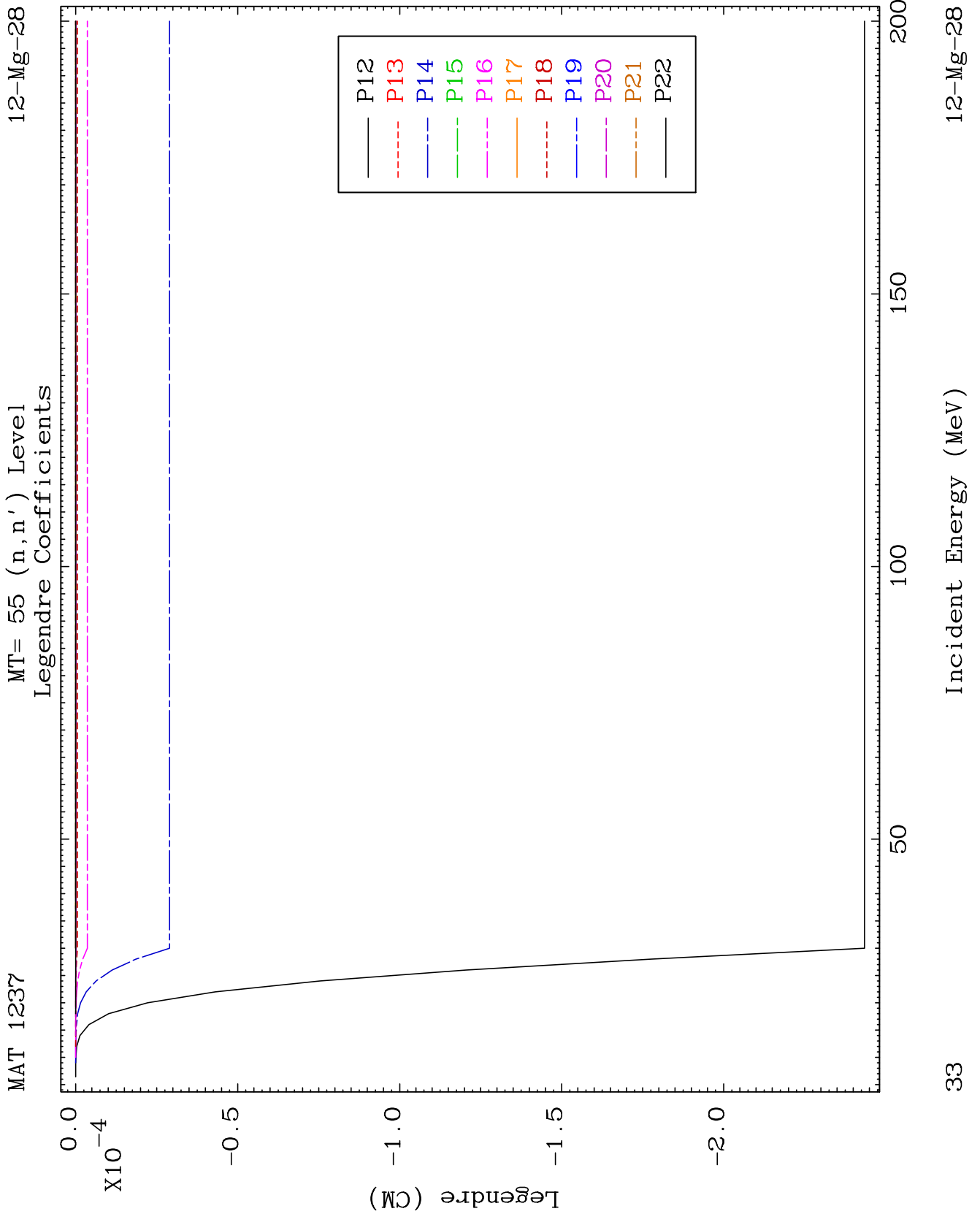
MT= 54 (n,n') Level  
Legendre Coefficients

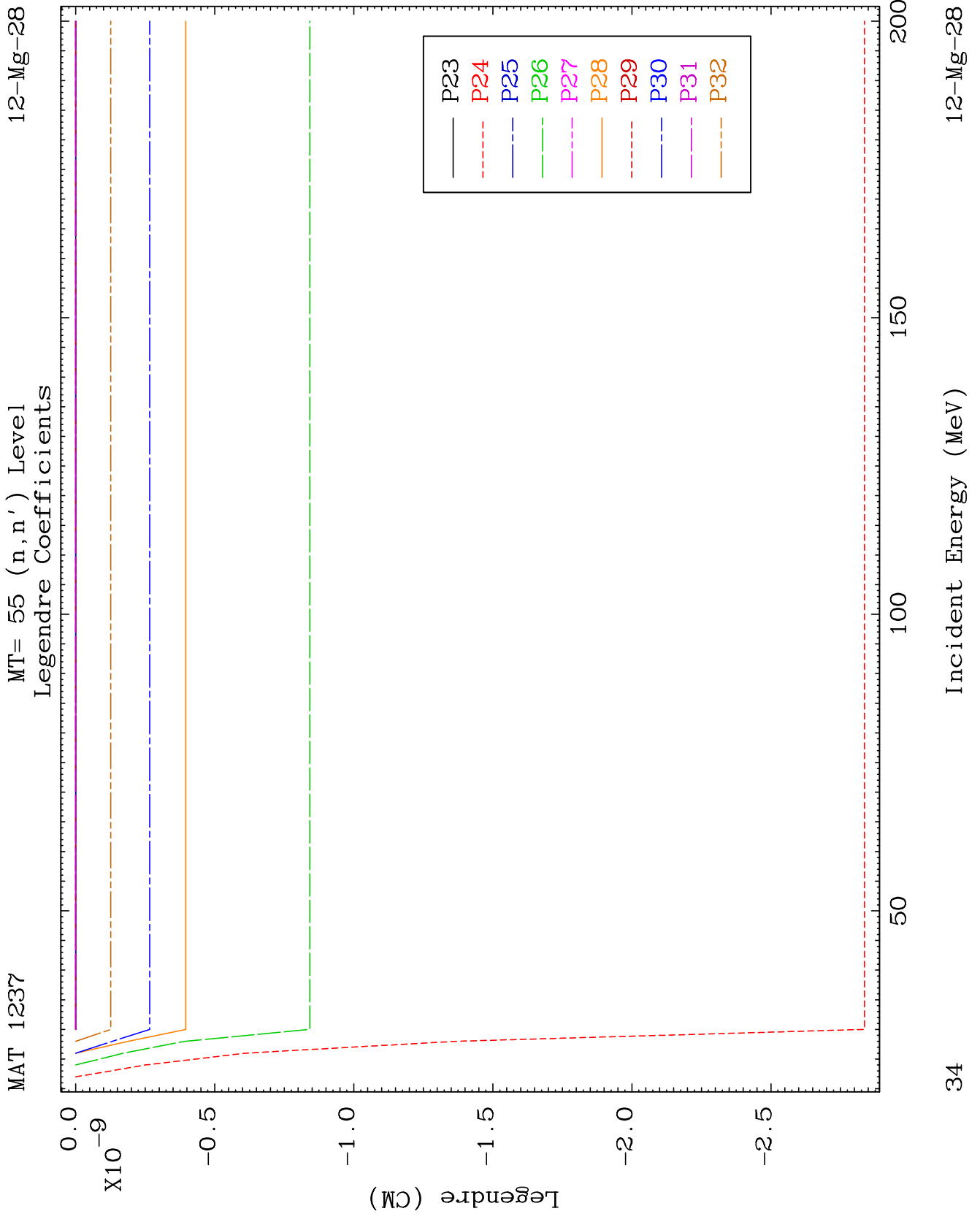
12-Mg-28







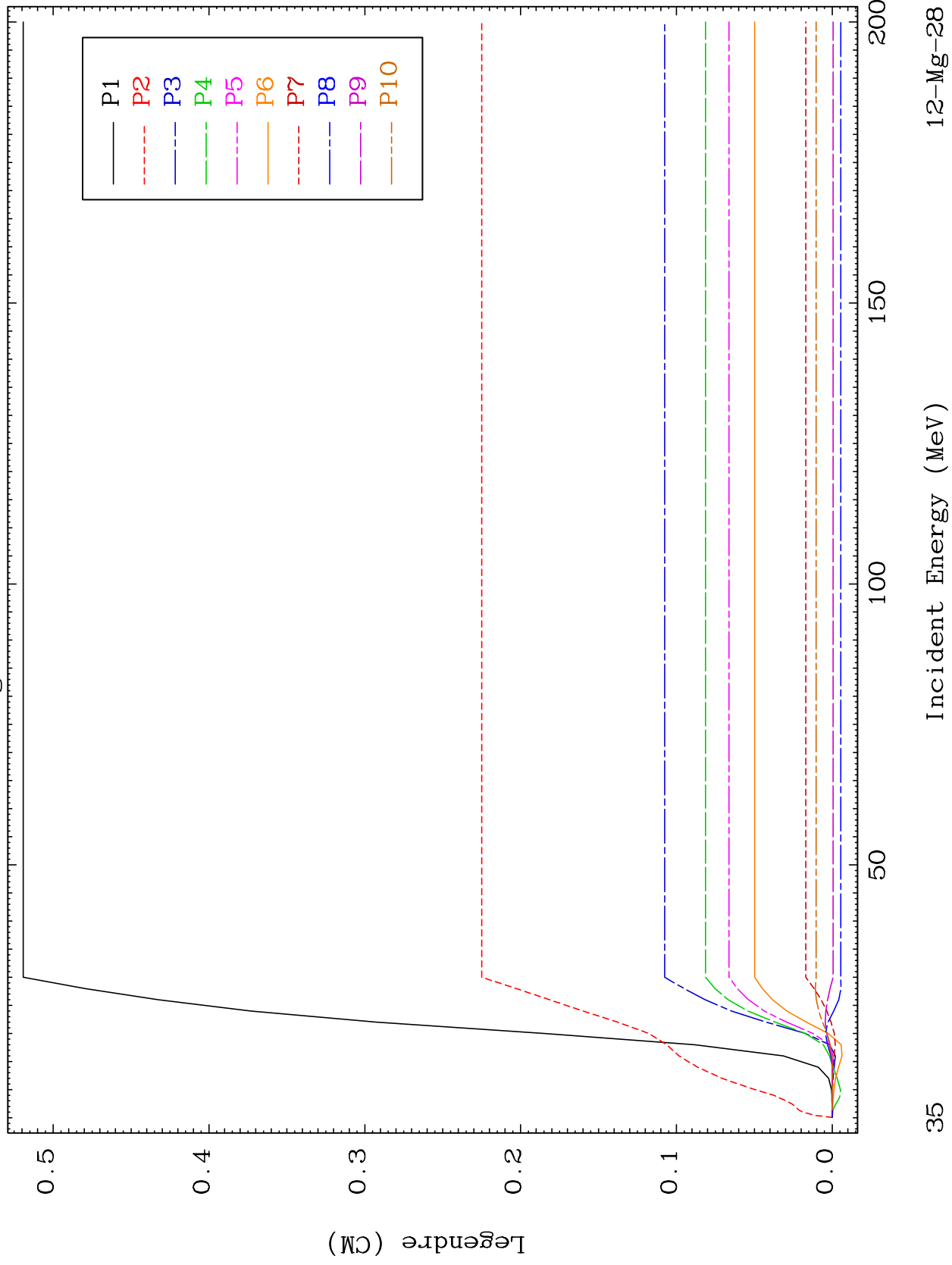




MAT 1237

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

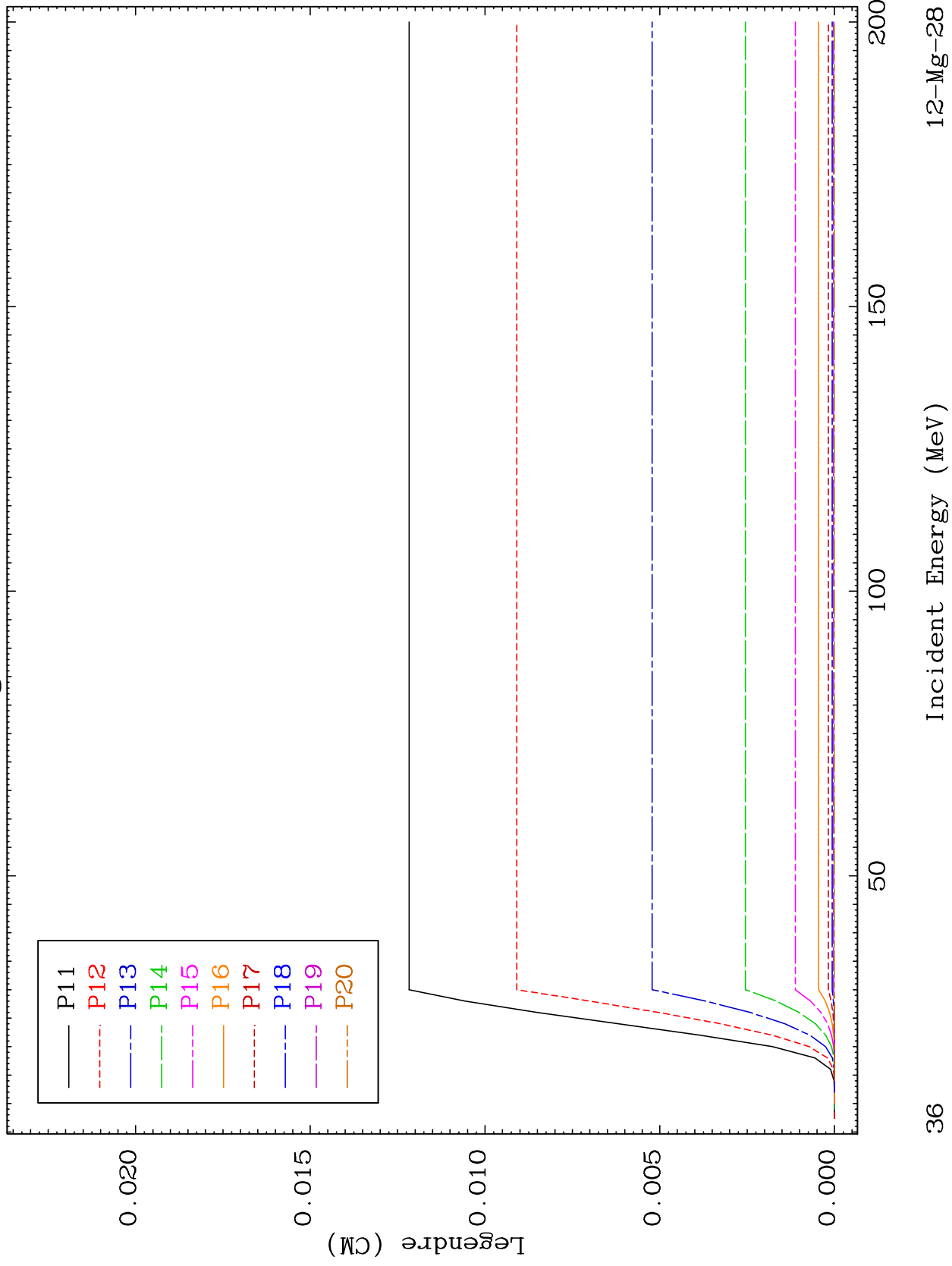
12-Mg-28



35

Incident Energy (MeV)

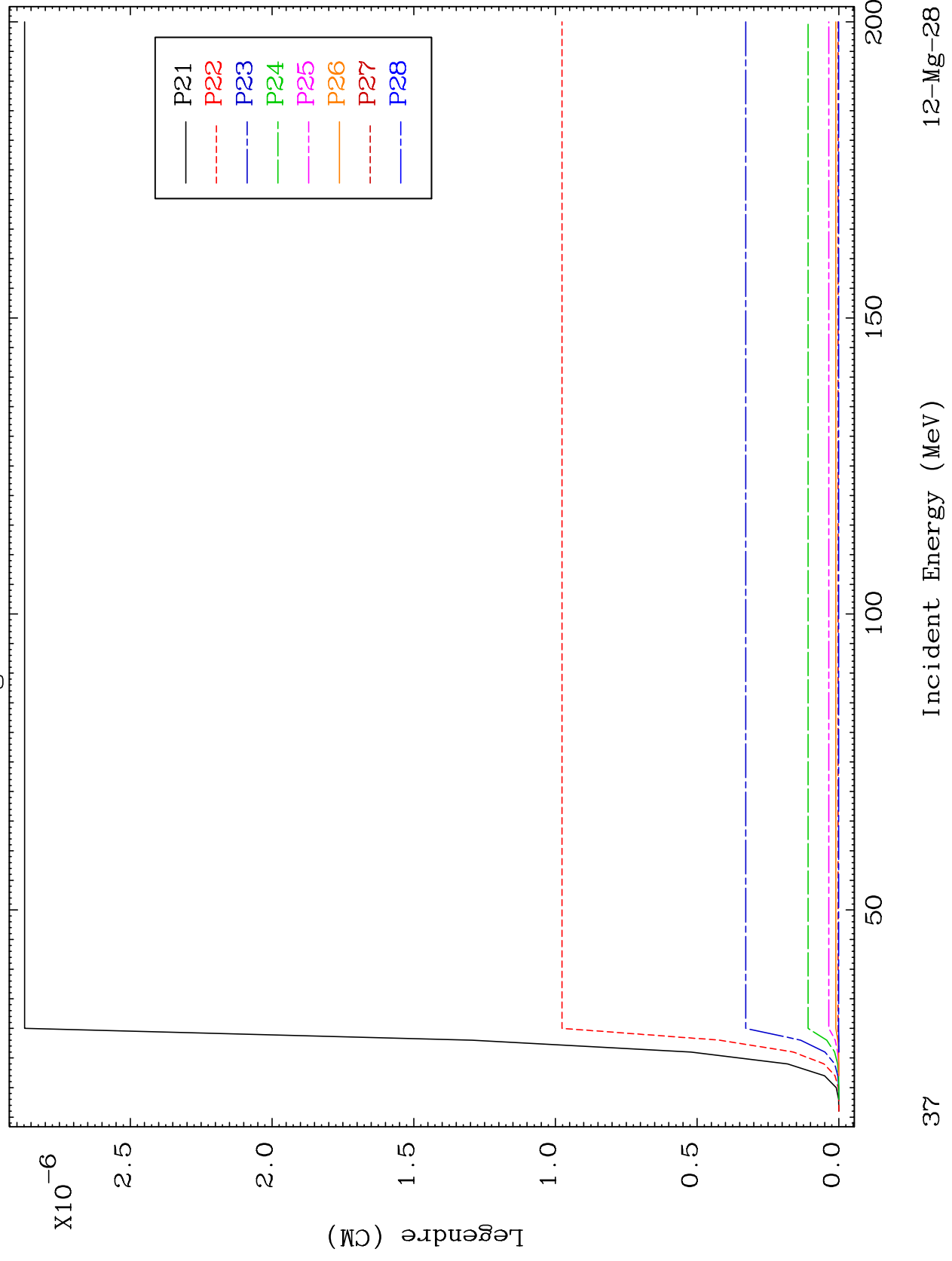
12-Mg-28



MAT 1237

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

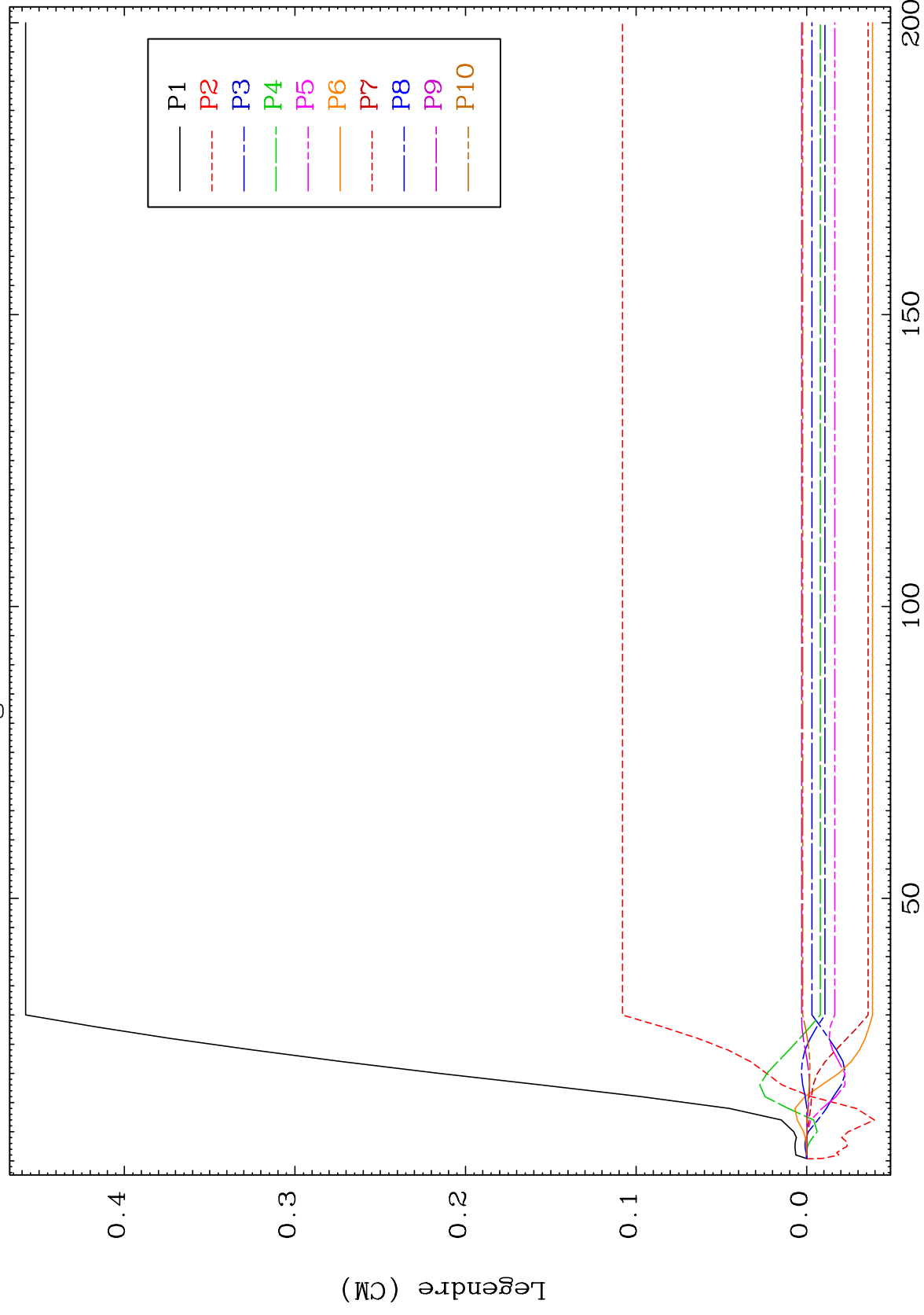
12-Mg-28



MAT 1237

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

12-Mg-28



38

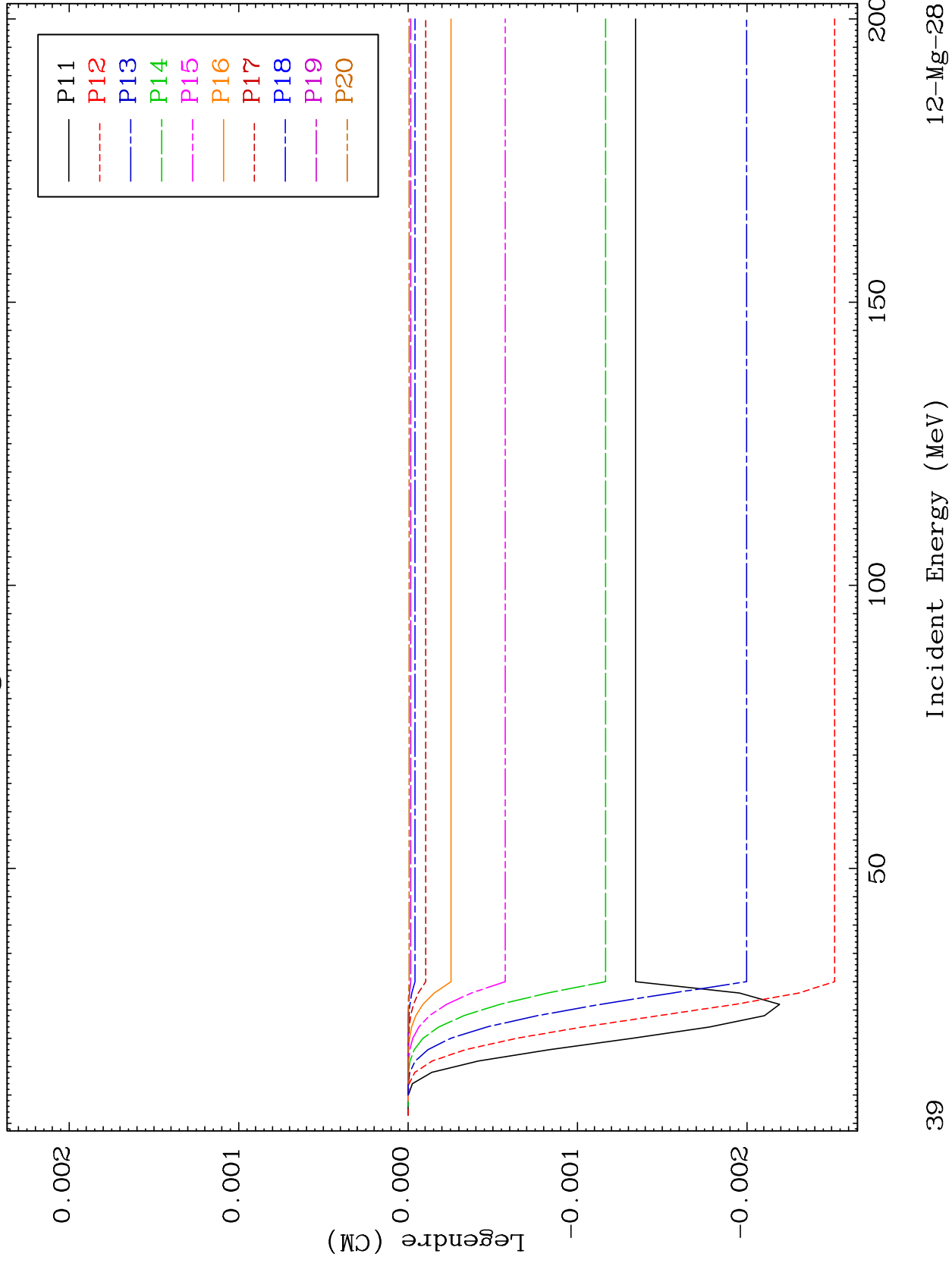
Incident Energy (MeV)

12-Mg-28

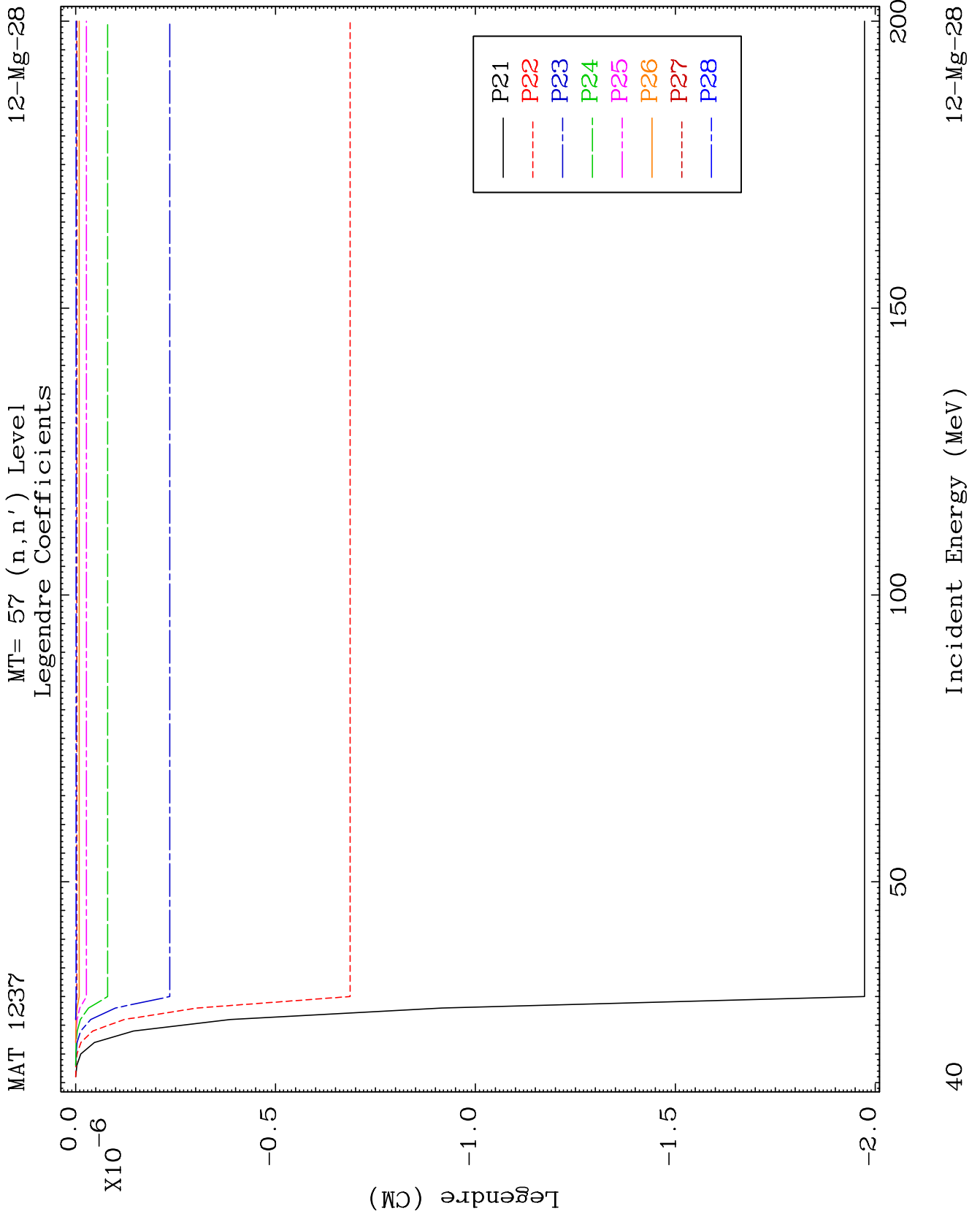
MAT 1237

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

12-Mg-28



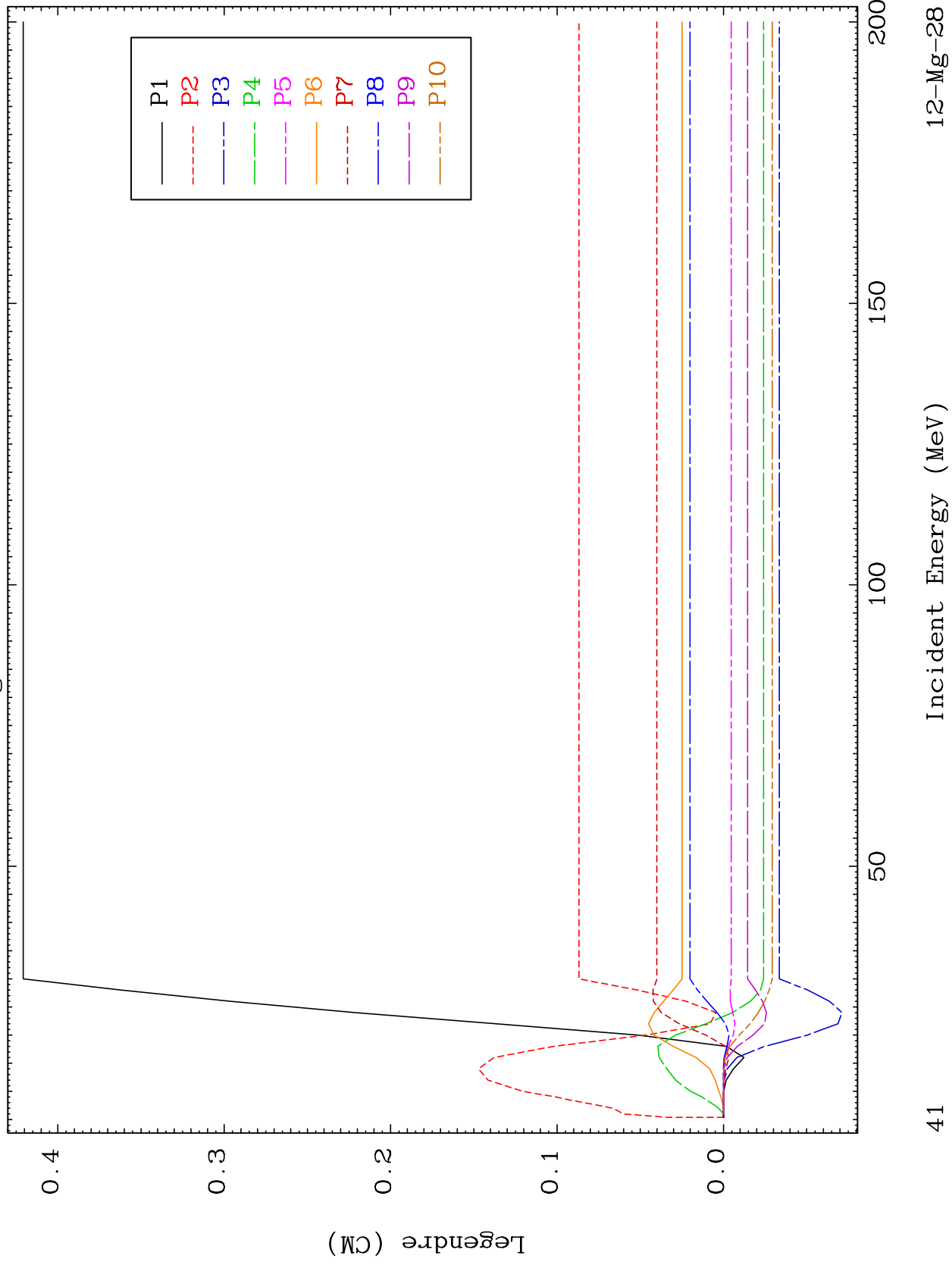




MAT 1237

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

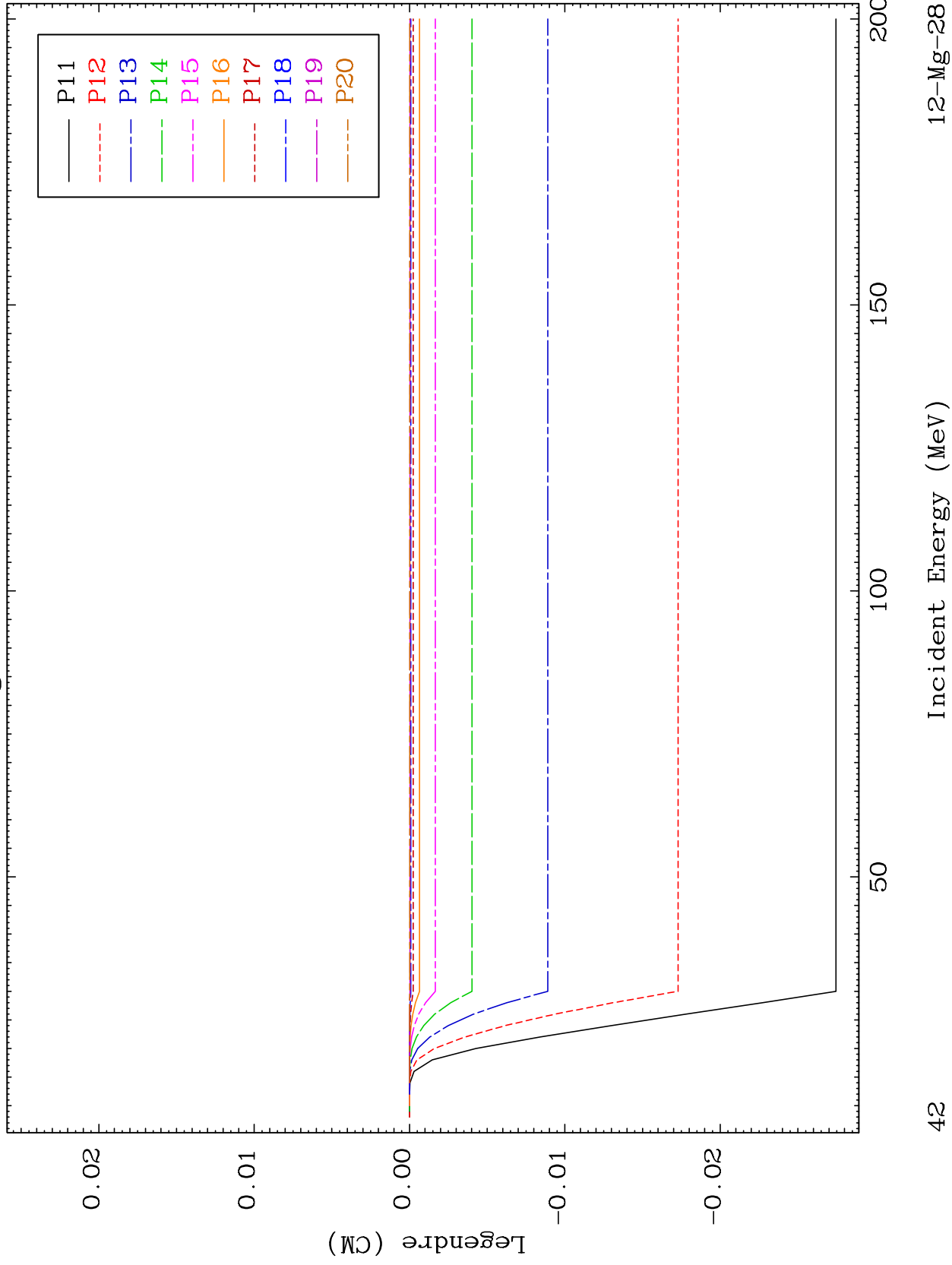
12-Mg-28



MAT 1237

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

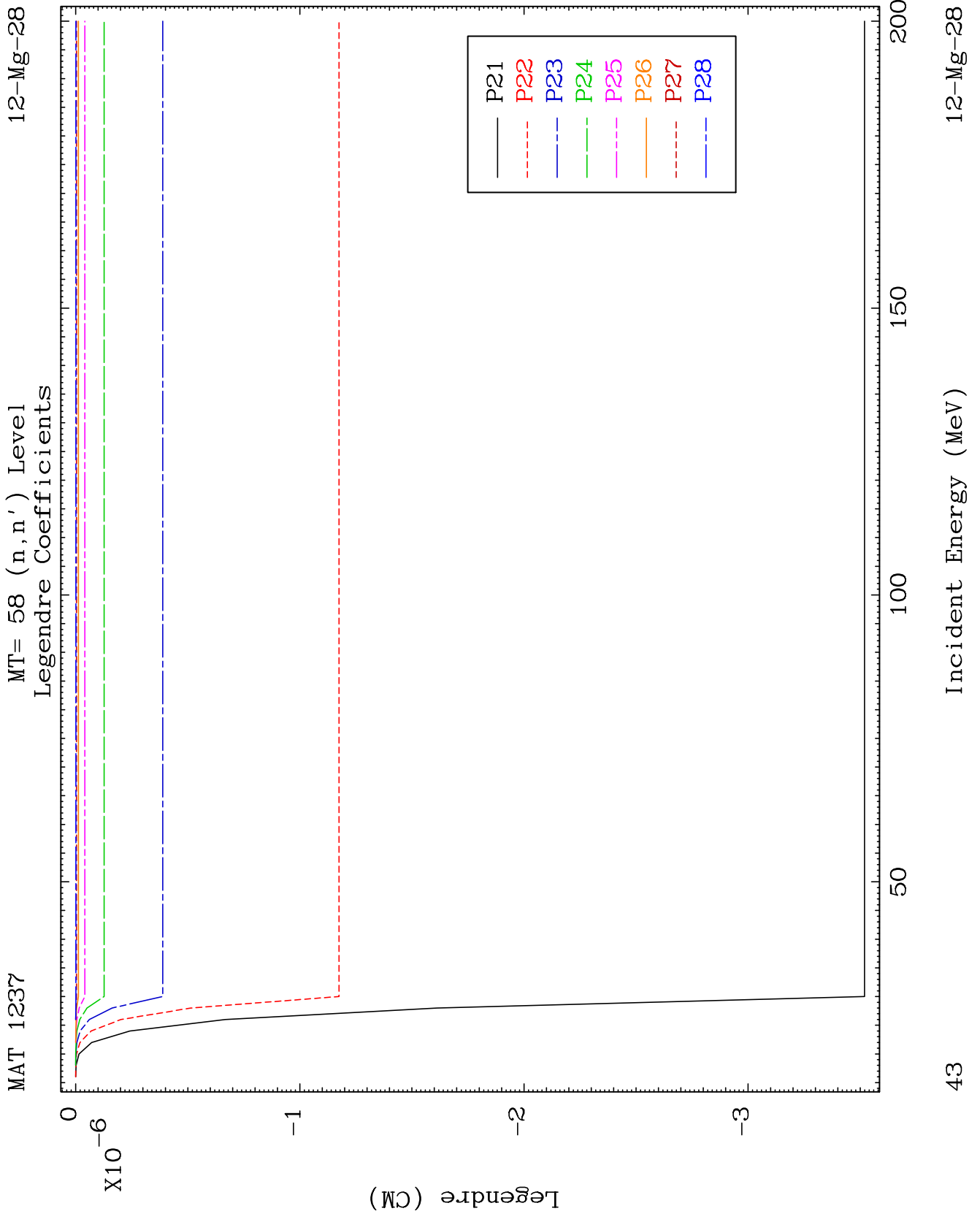
12-Mg-28

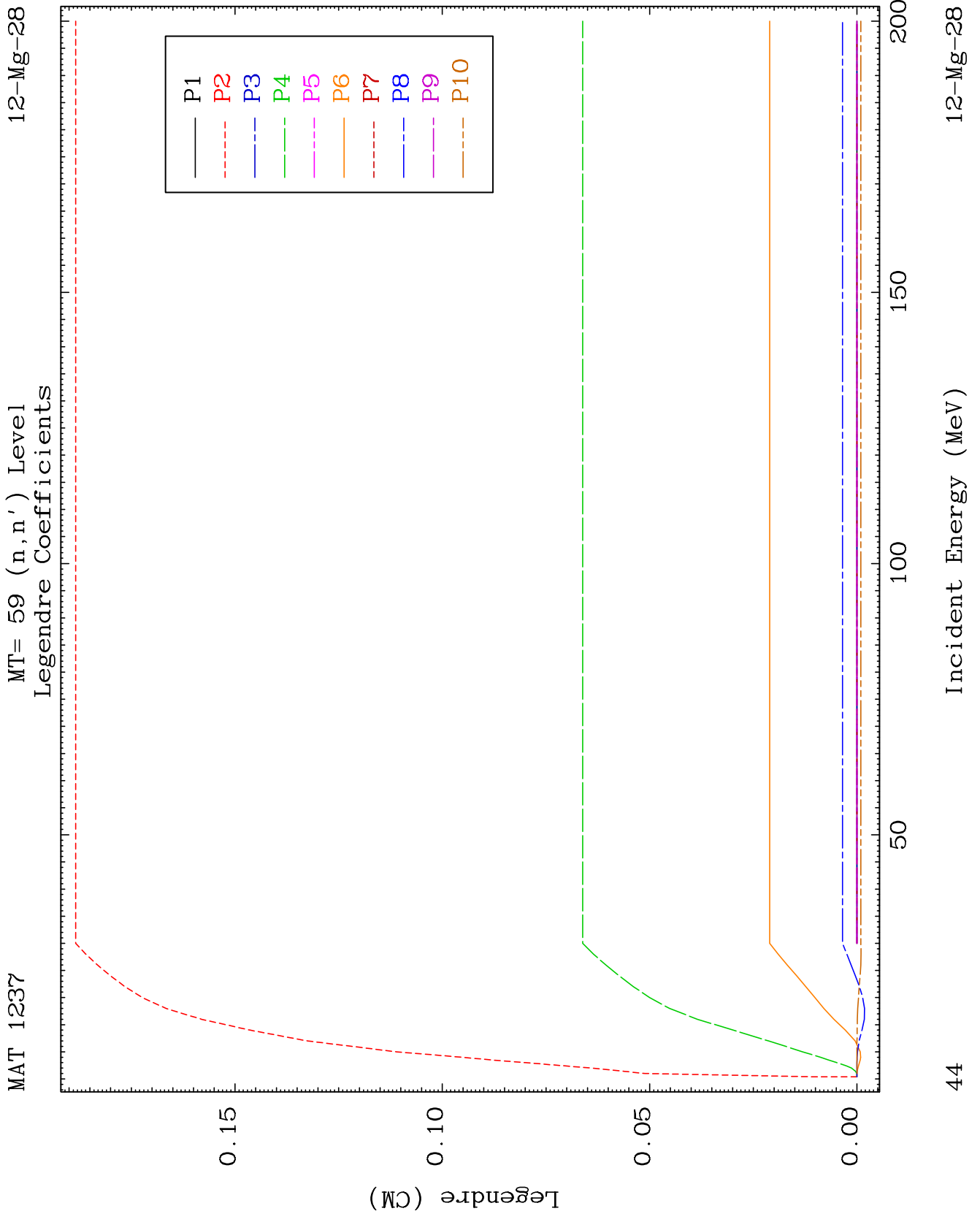


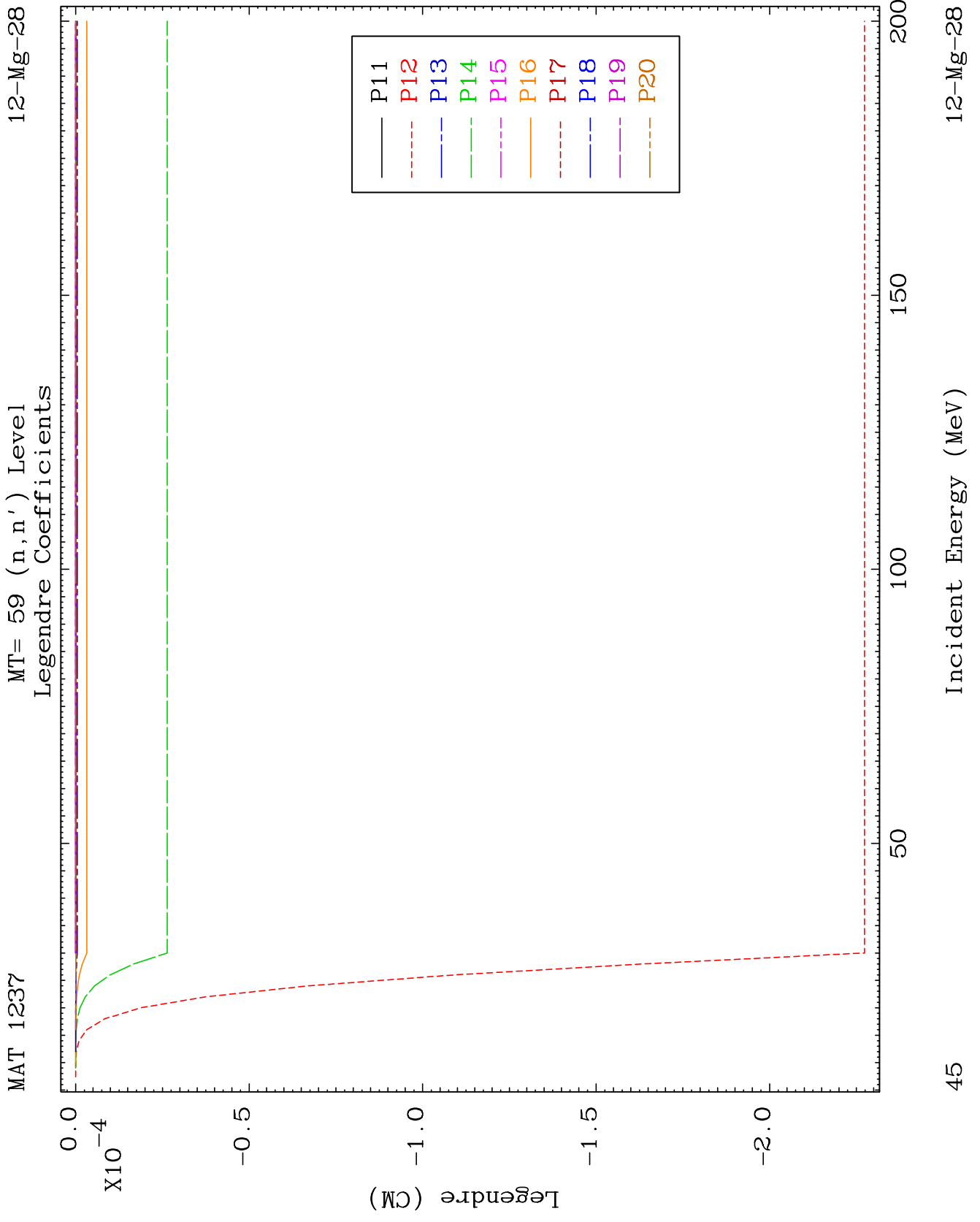
42

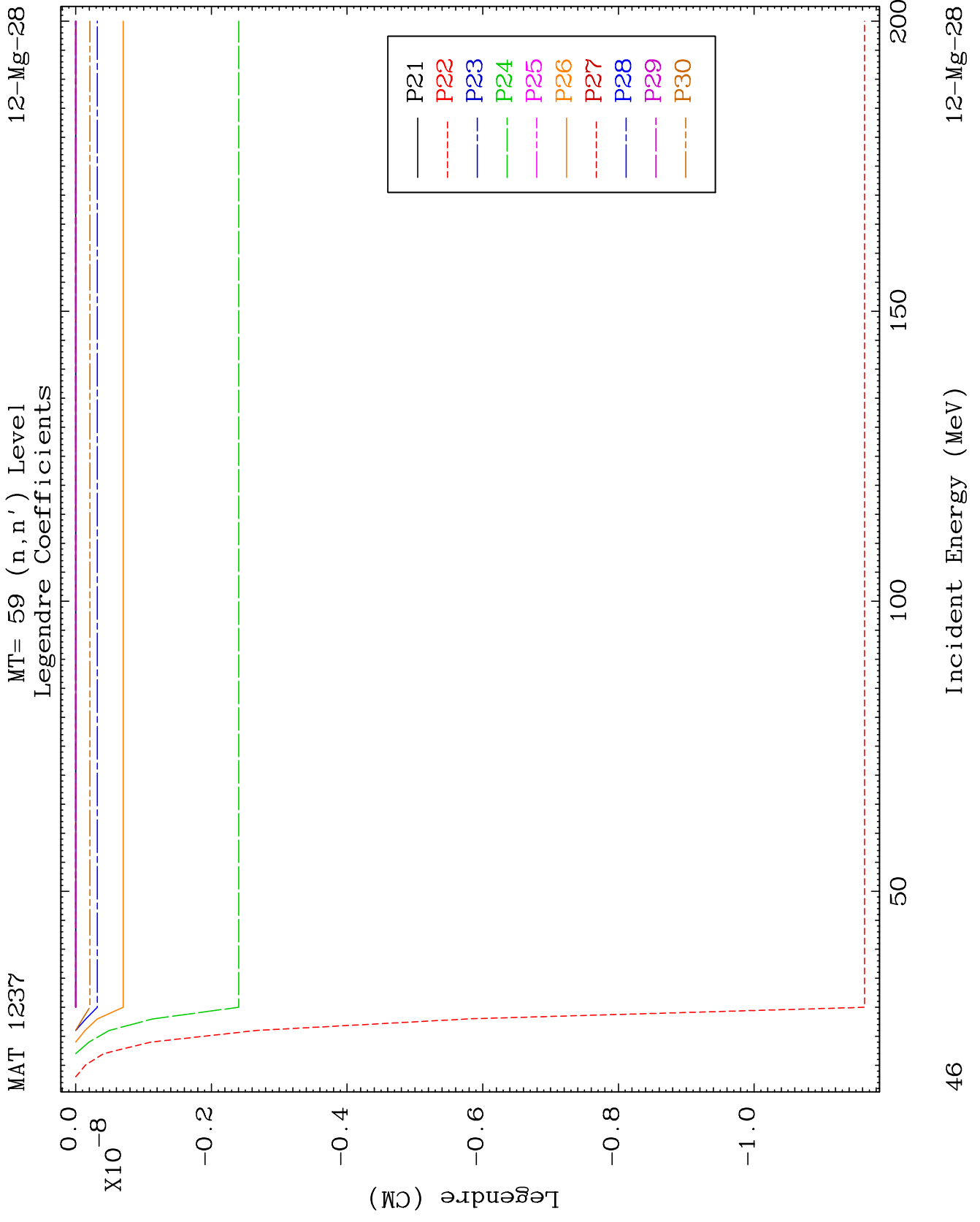
Incident Energy (MeV)

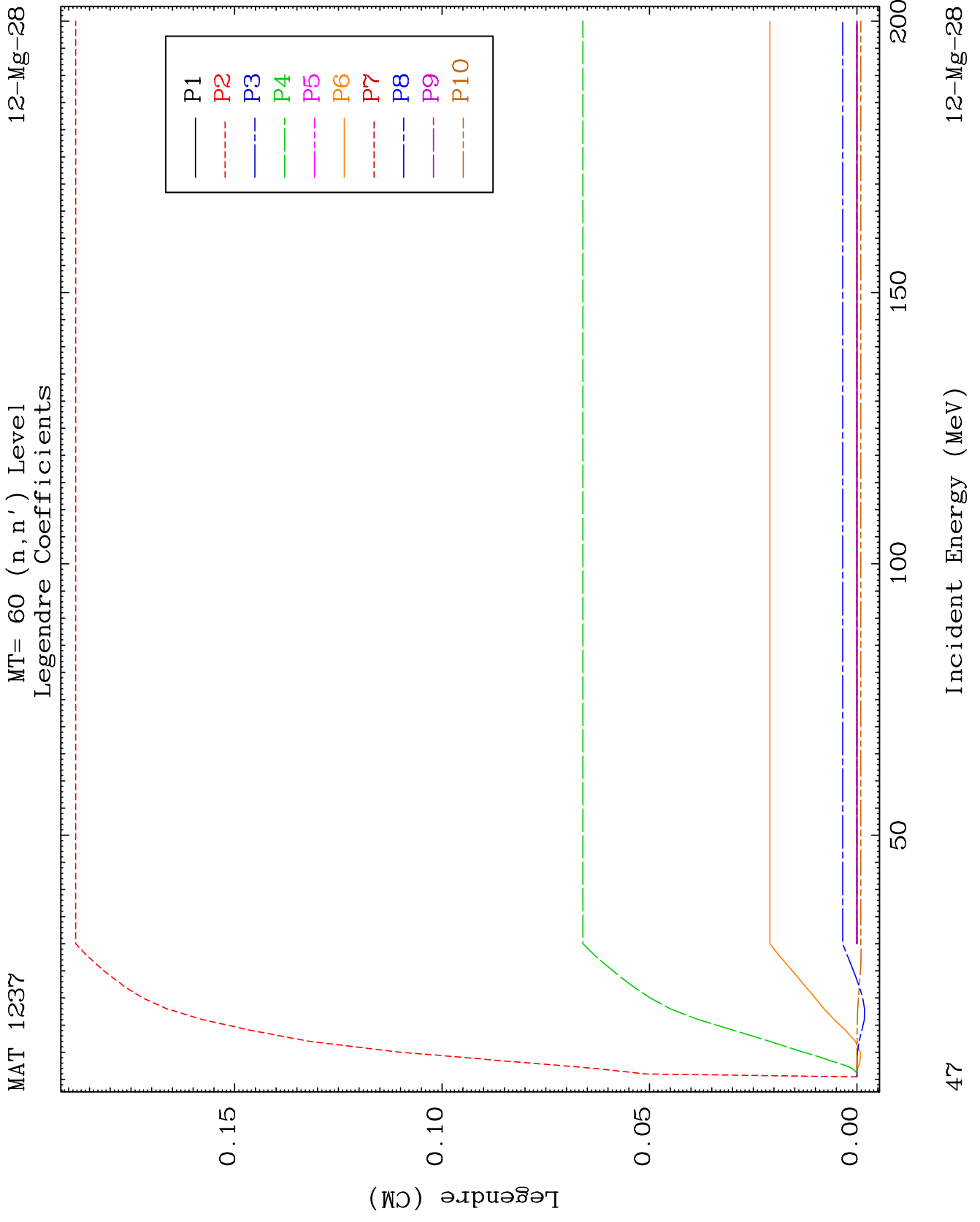
12-Mg-28





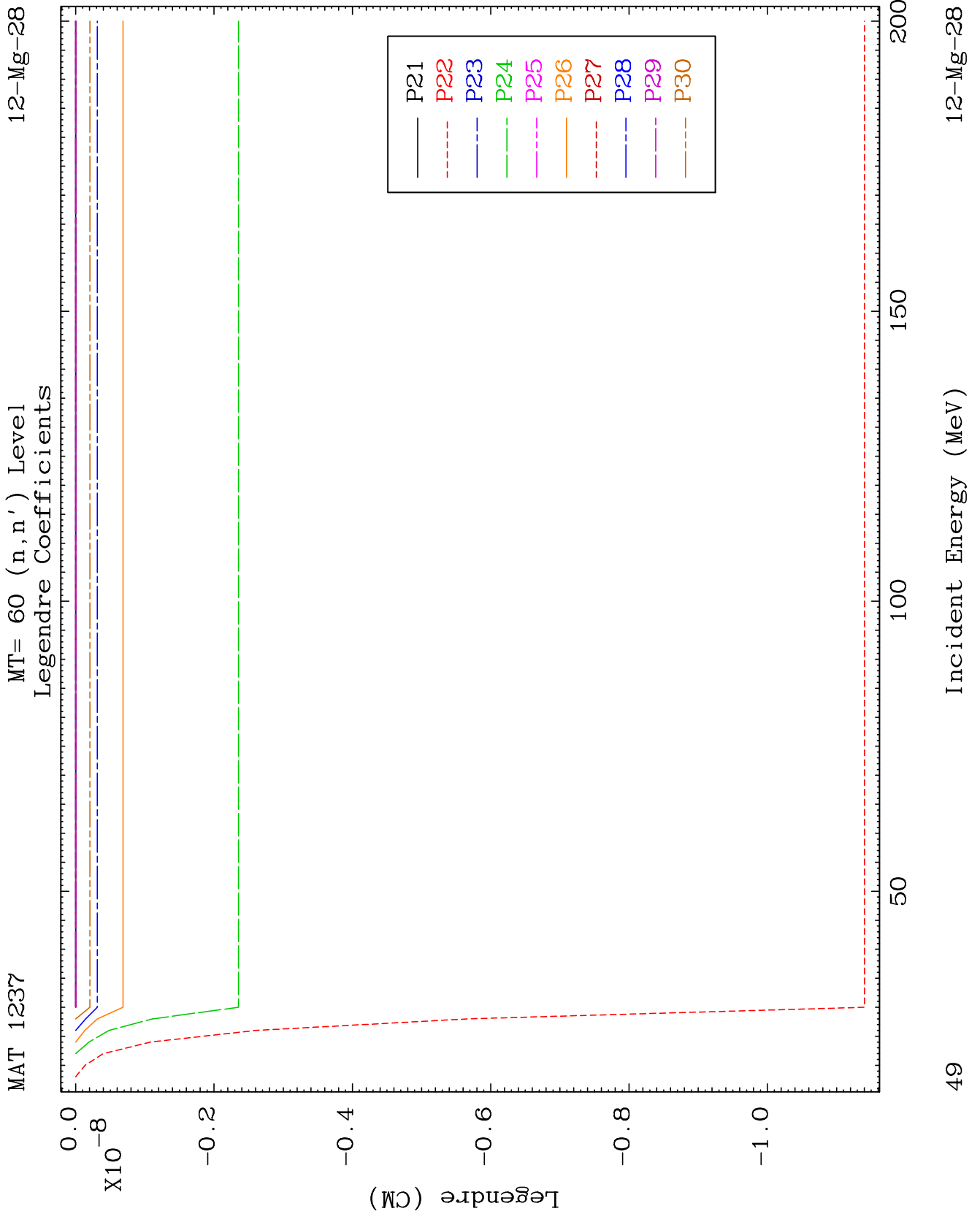


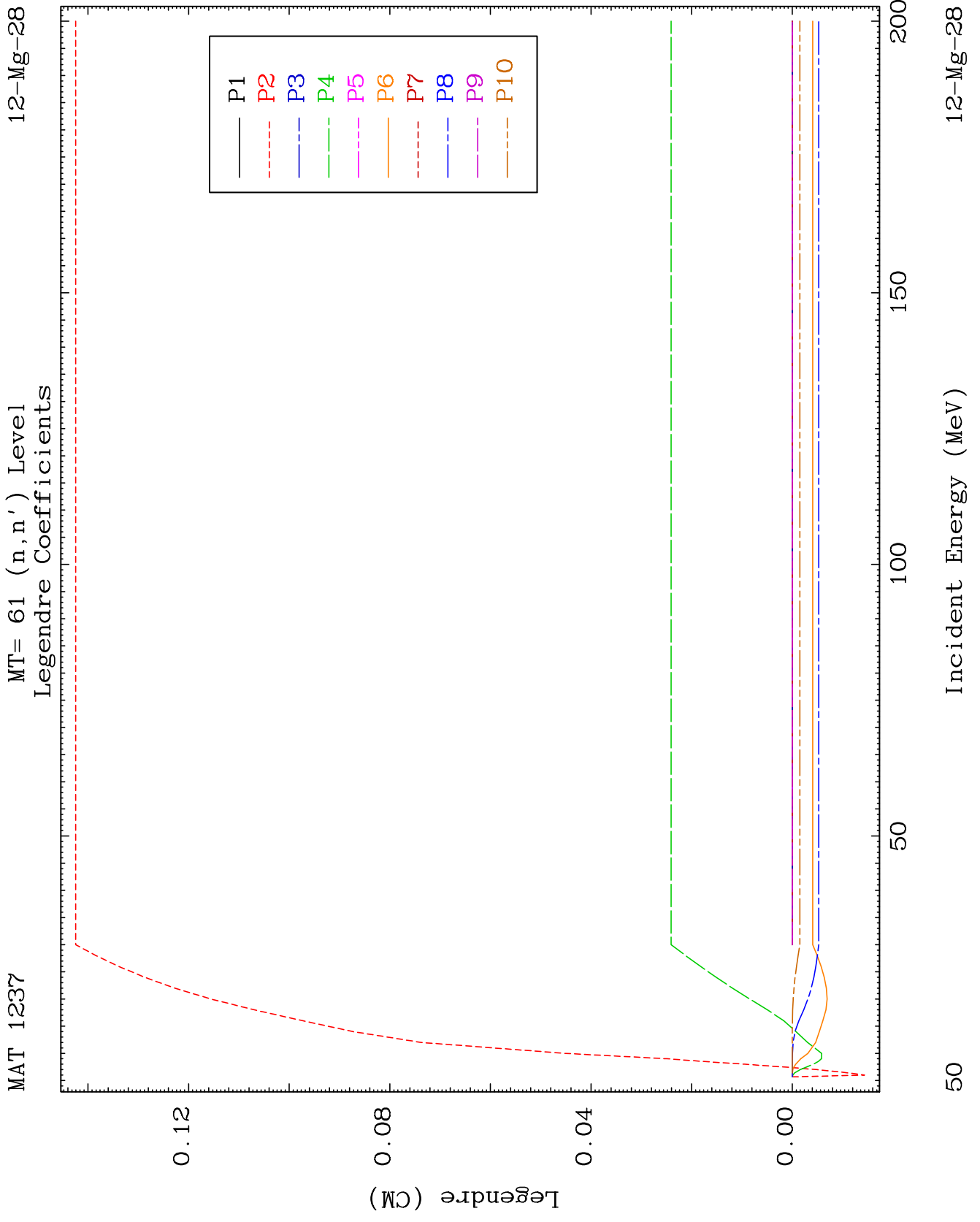


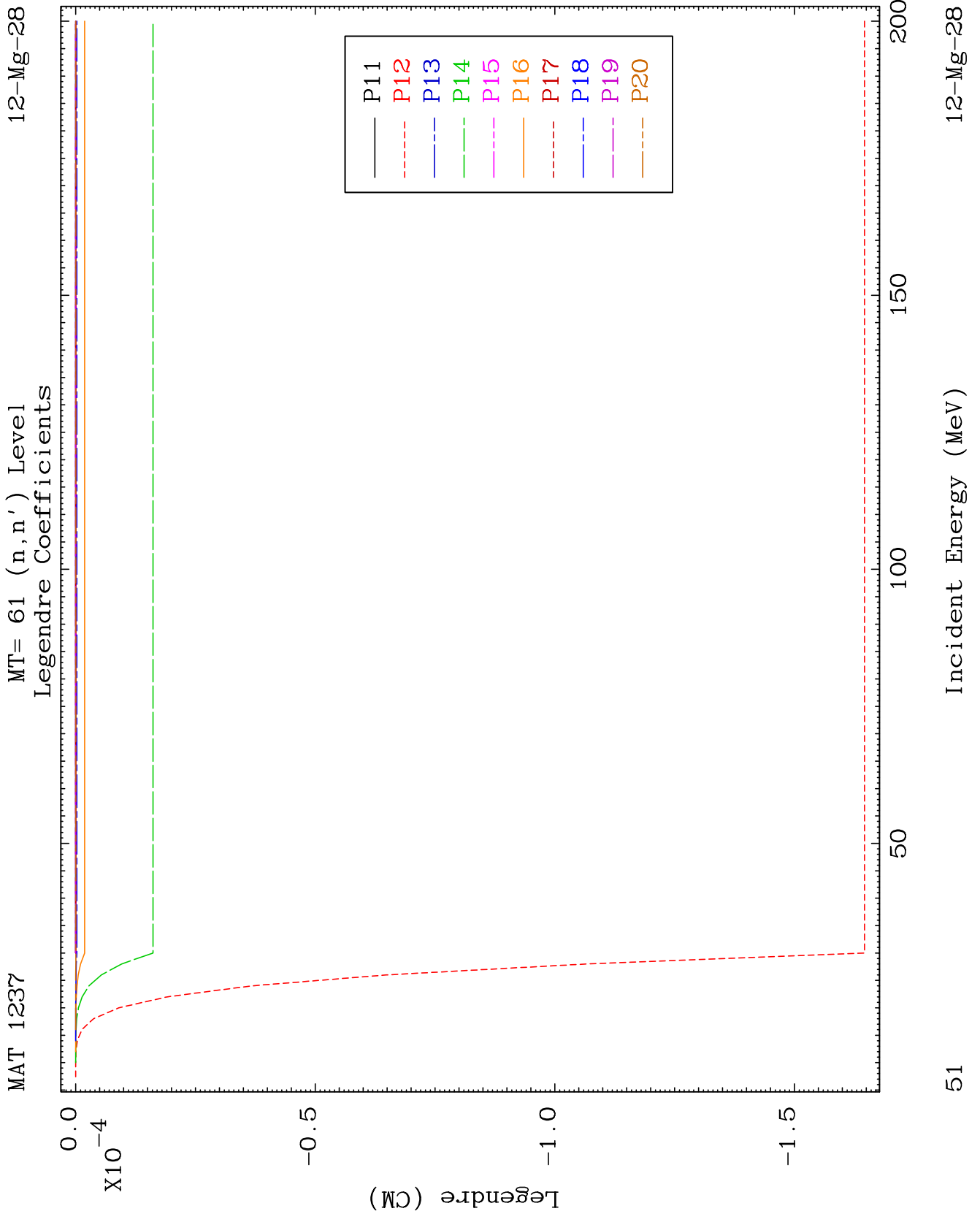


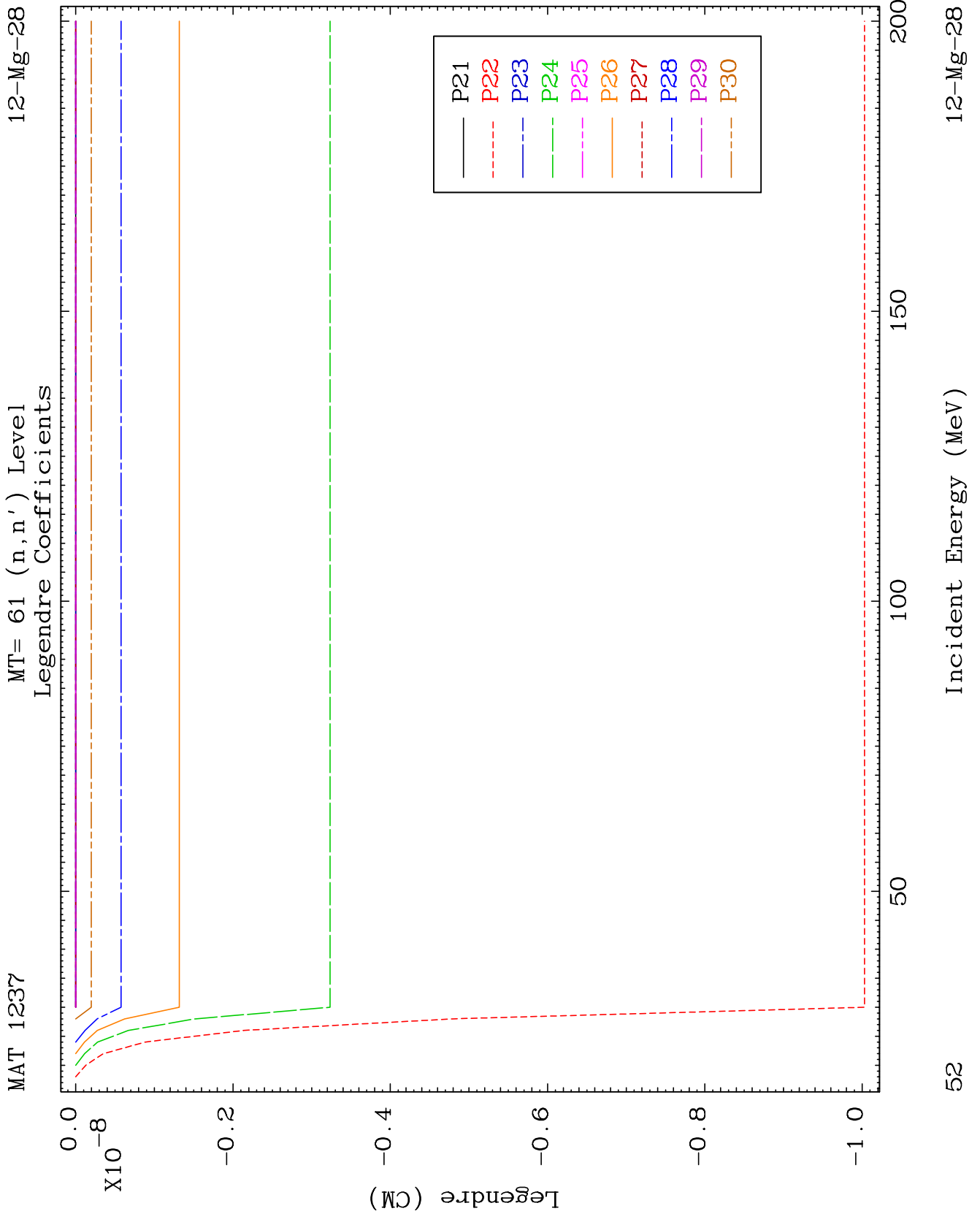








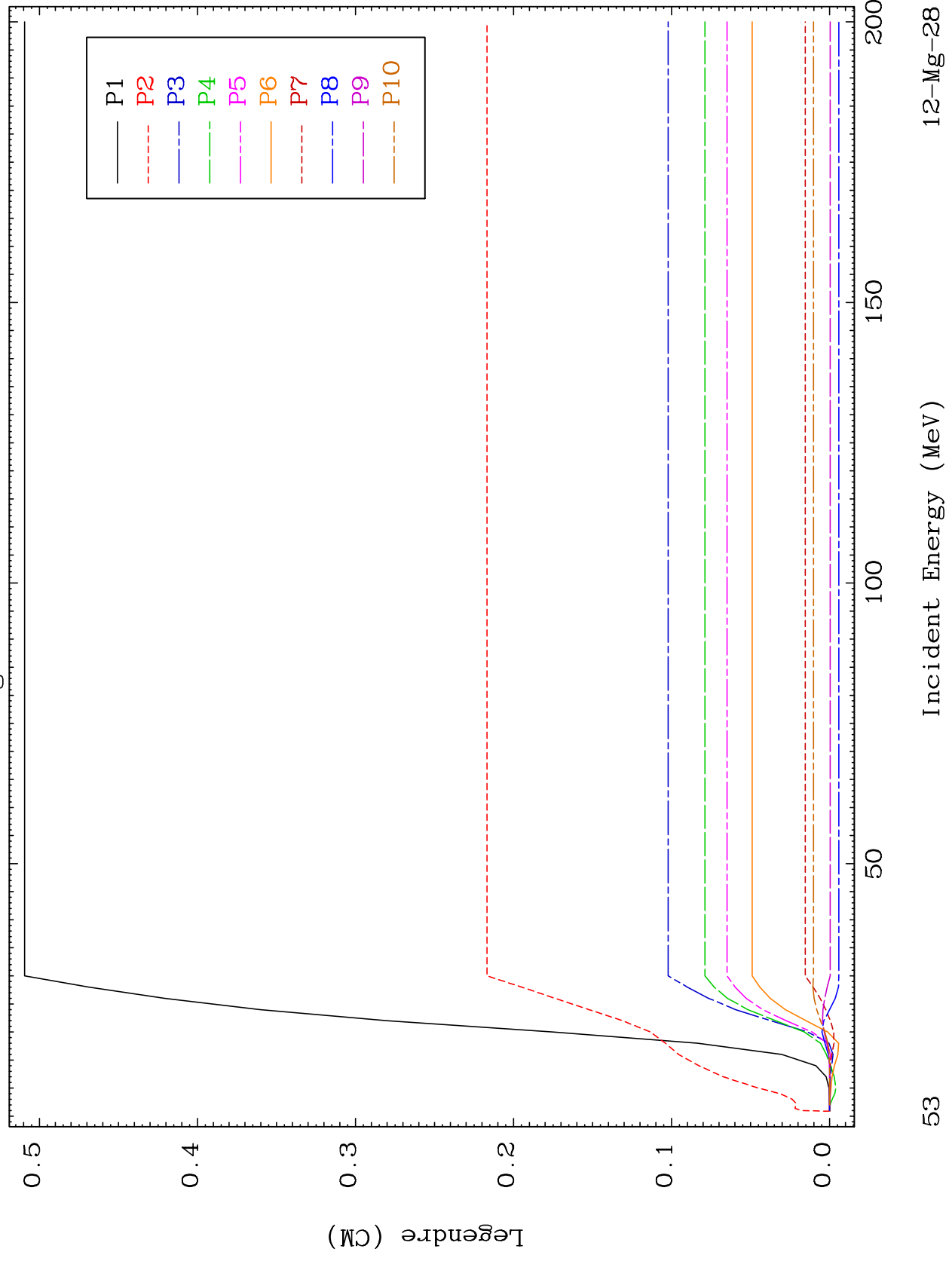




MAT 1237

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

12-Mg-28



53

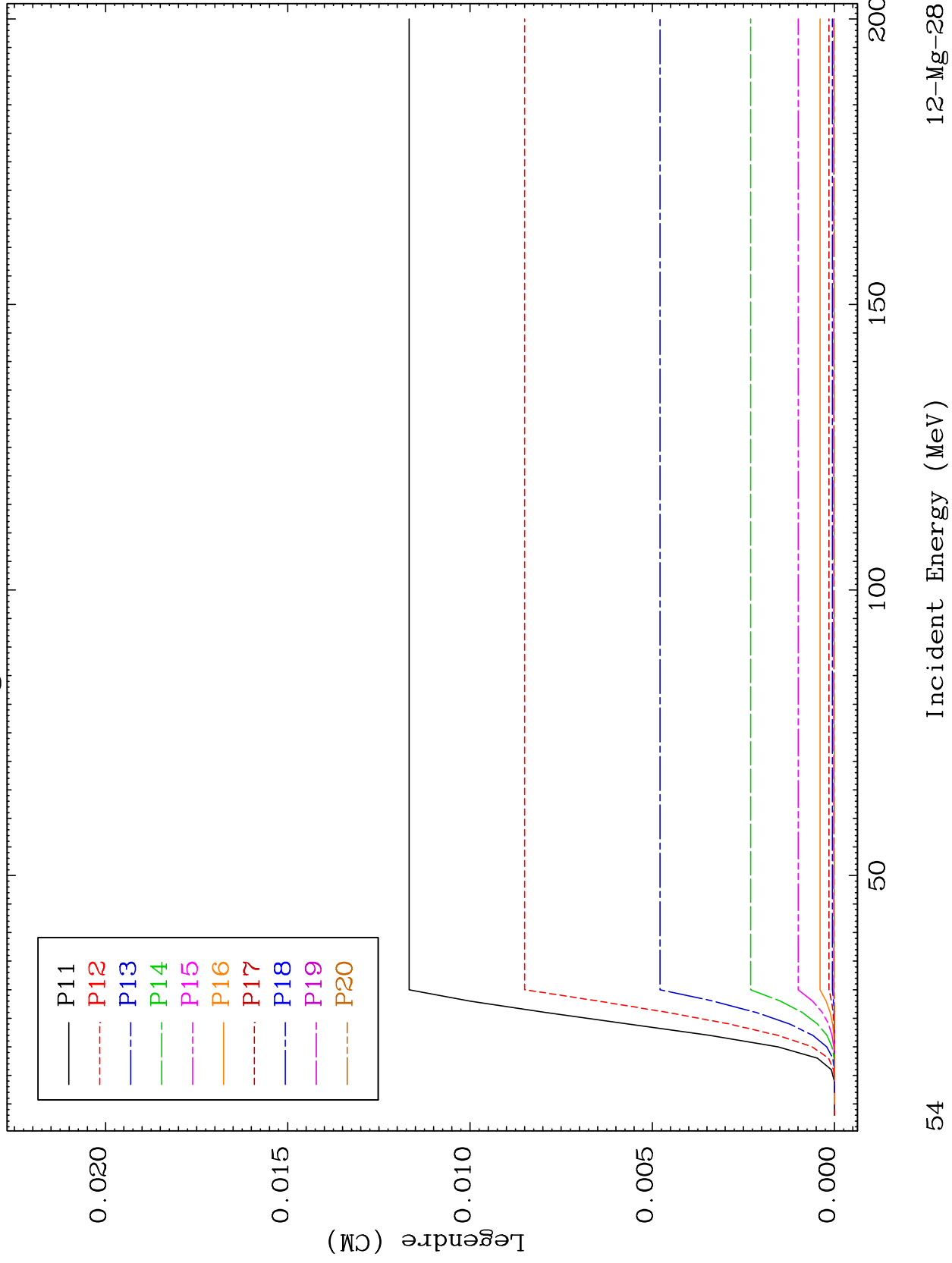
Incident Energy (MeV)

12-Mg-28

MAT 1237

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

12-Mg-28



54

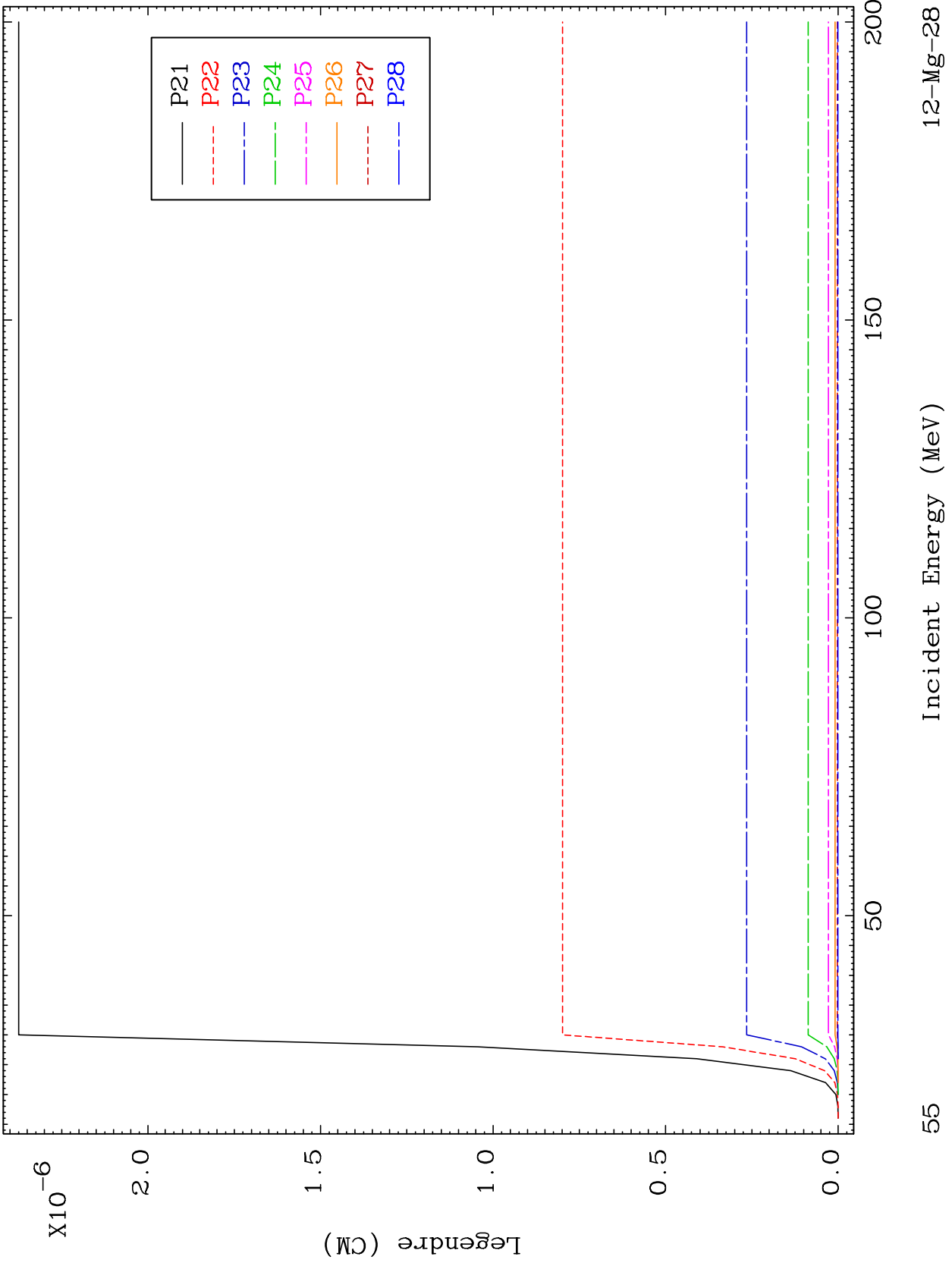
Incident Energy (MeV)

12-Mg-28

MAT 1237

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

12-Mg-28

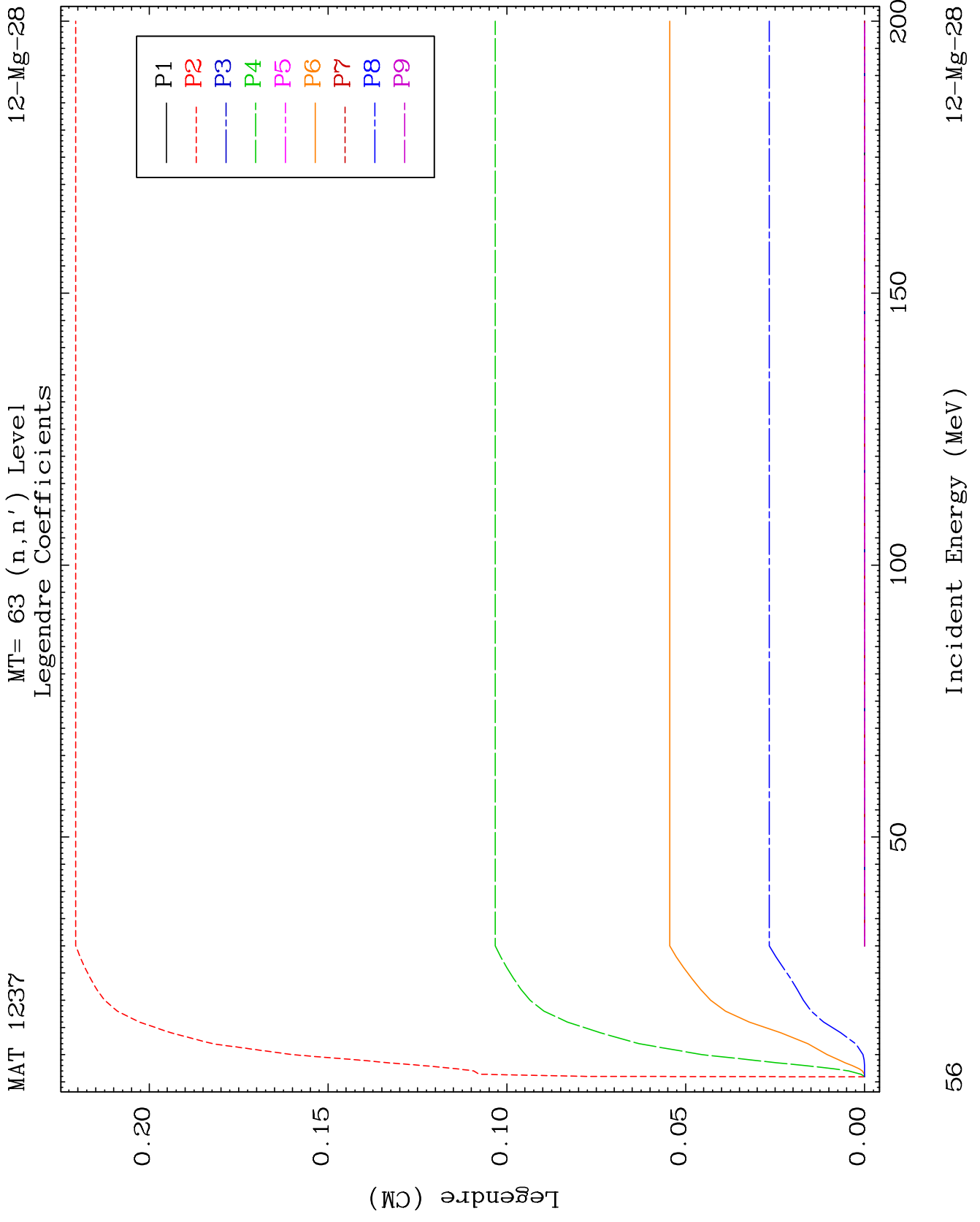


55

Incident Energy (MeV)

12-Mg-28

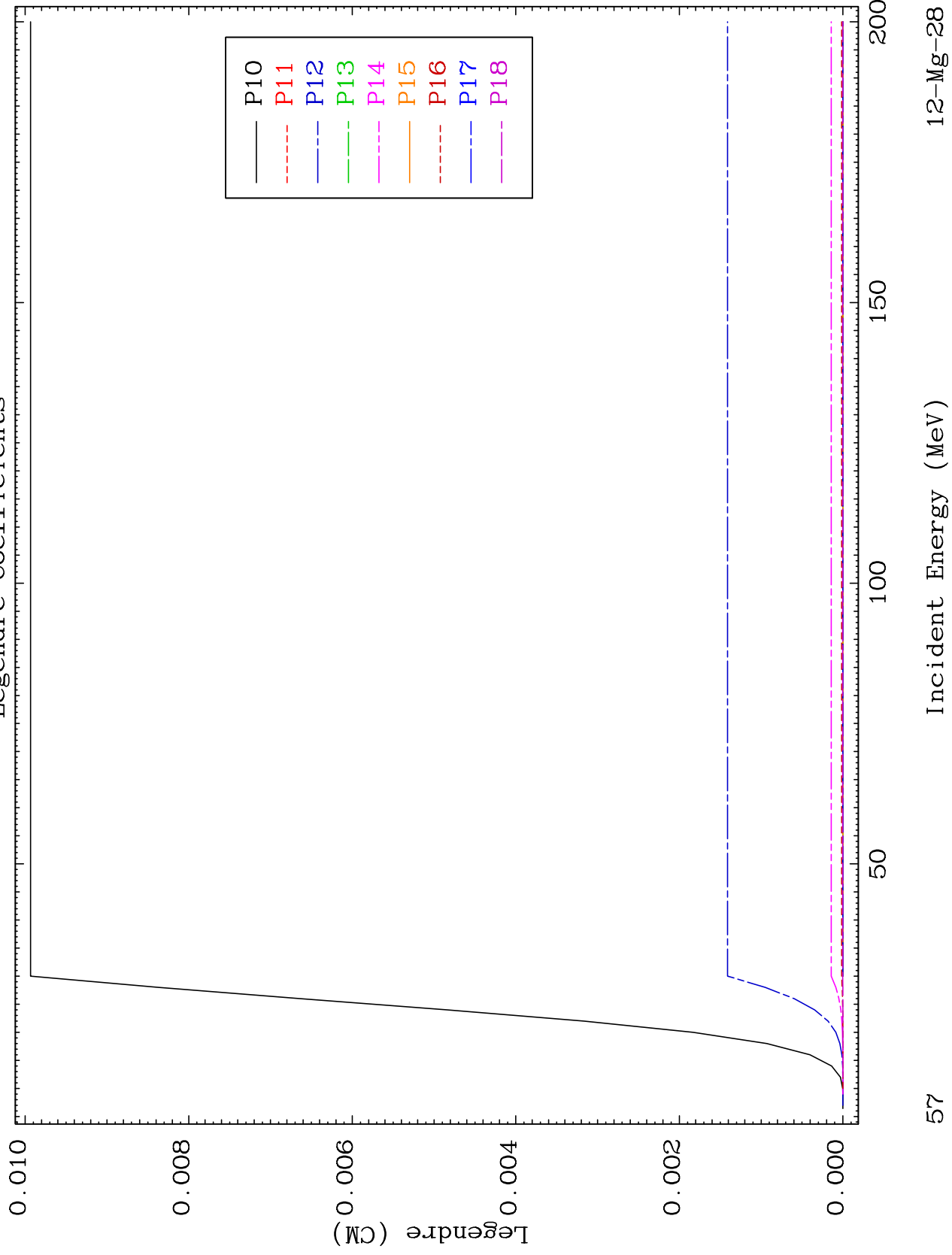




MAT 1237

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

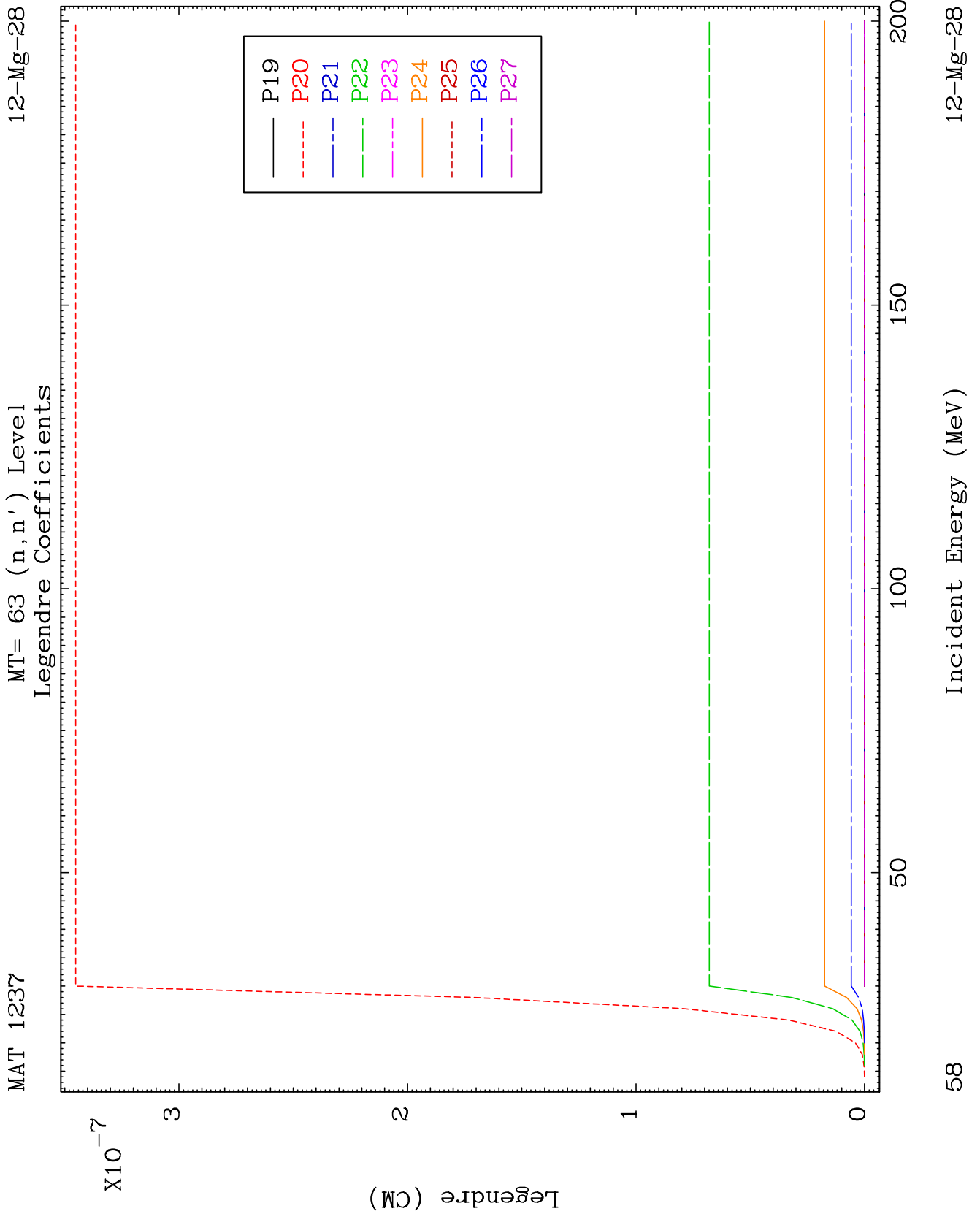
12-Mg-28



57

Incident Energy (MeV)

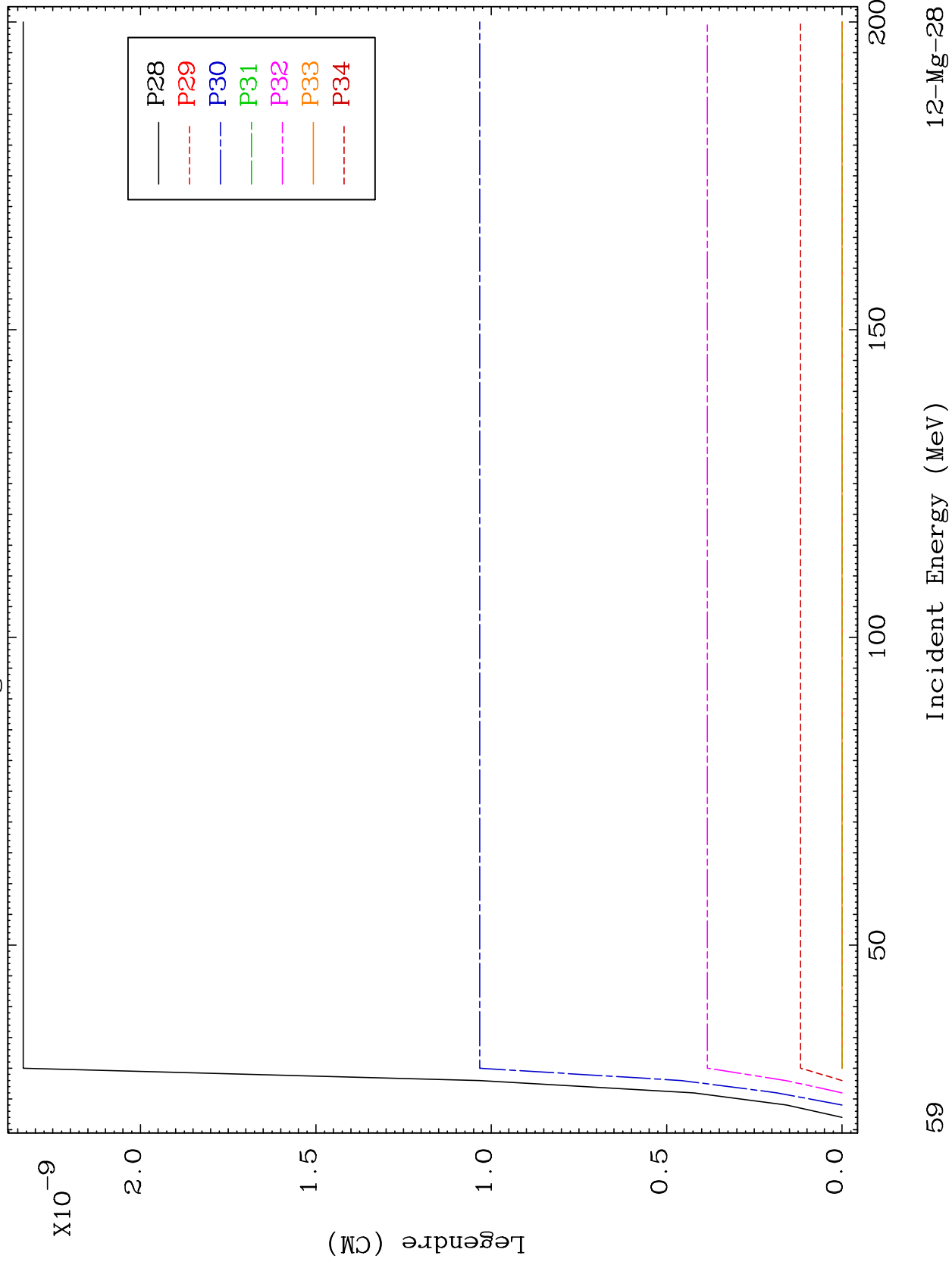
12-Mg-28



MAT 1237

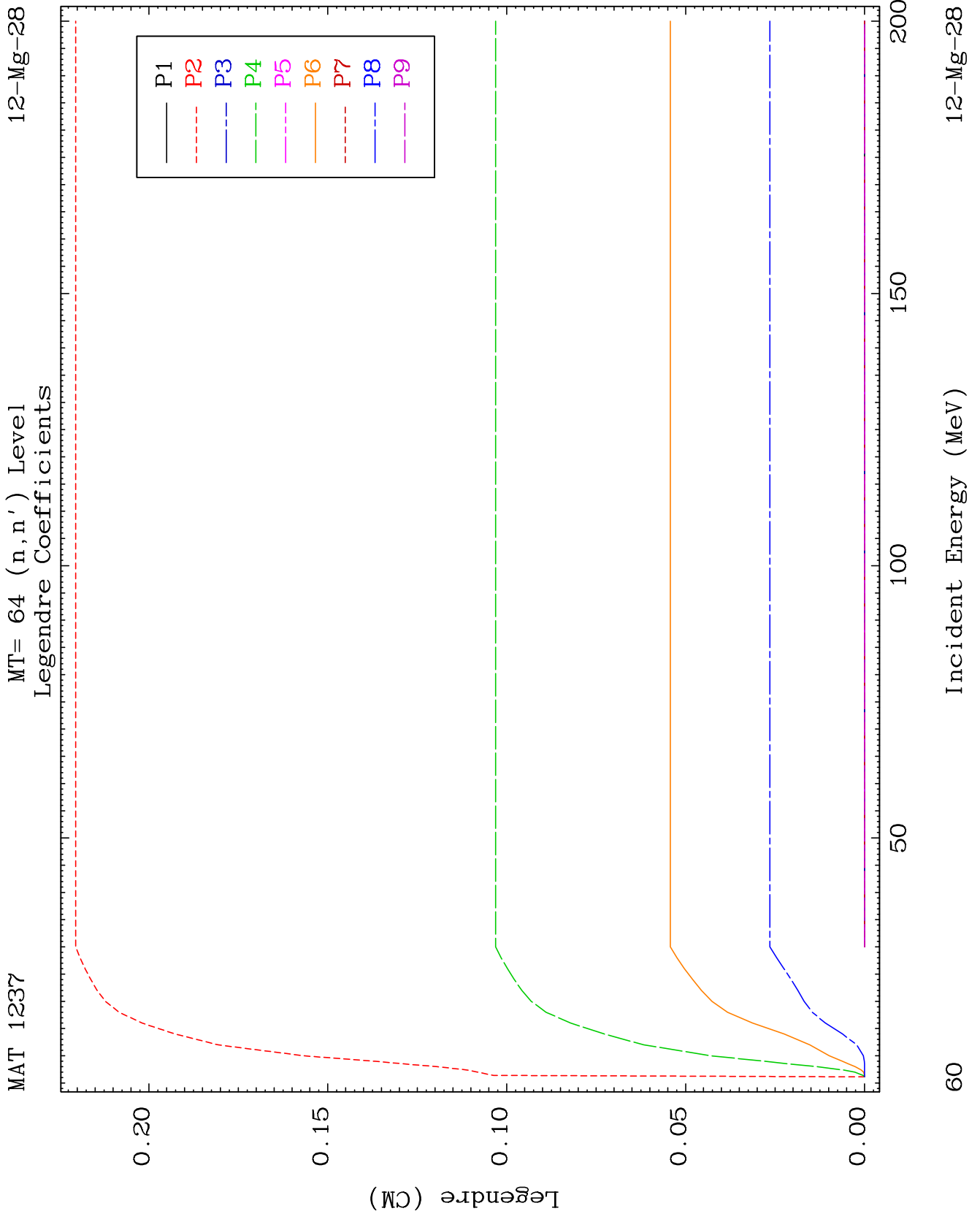
MT= 63 (n,n') Level  
Legendre Coefficients

12-Mg-28



59

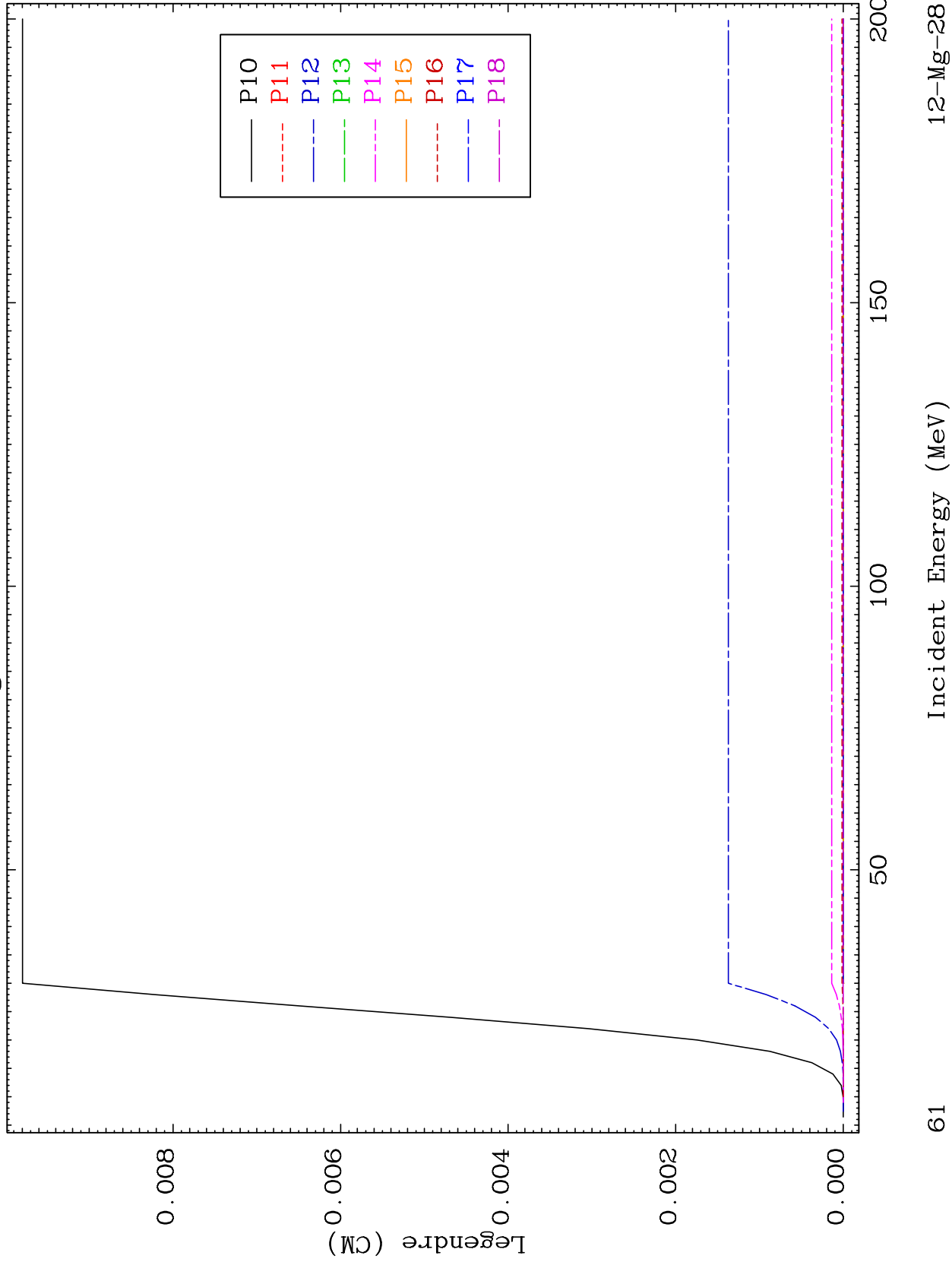
12-Mg-28



MAT 1237

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

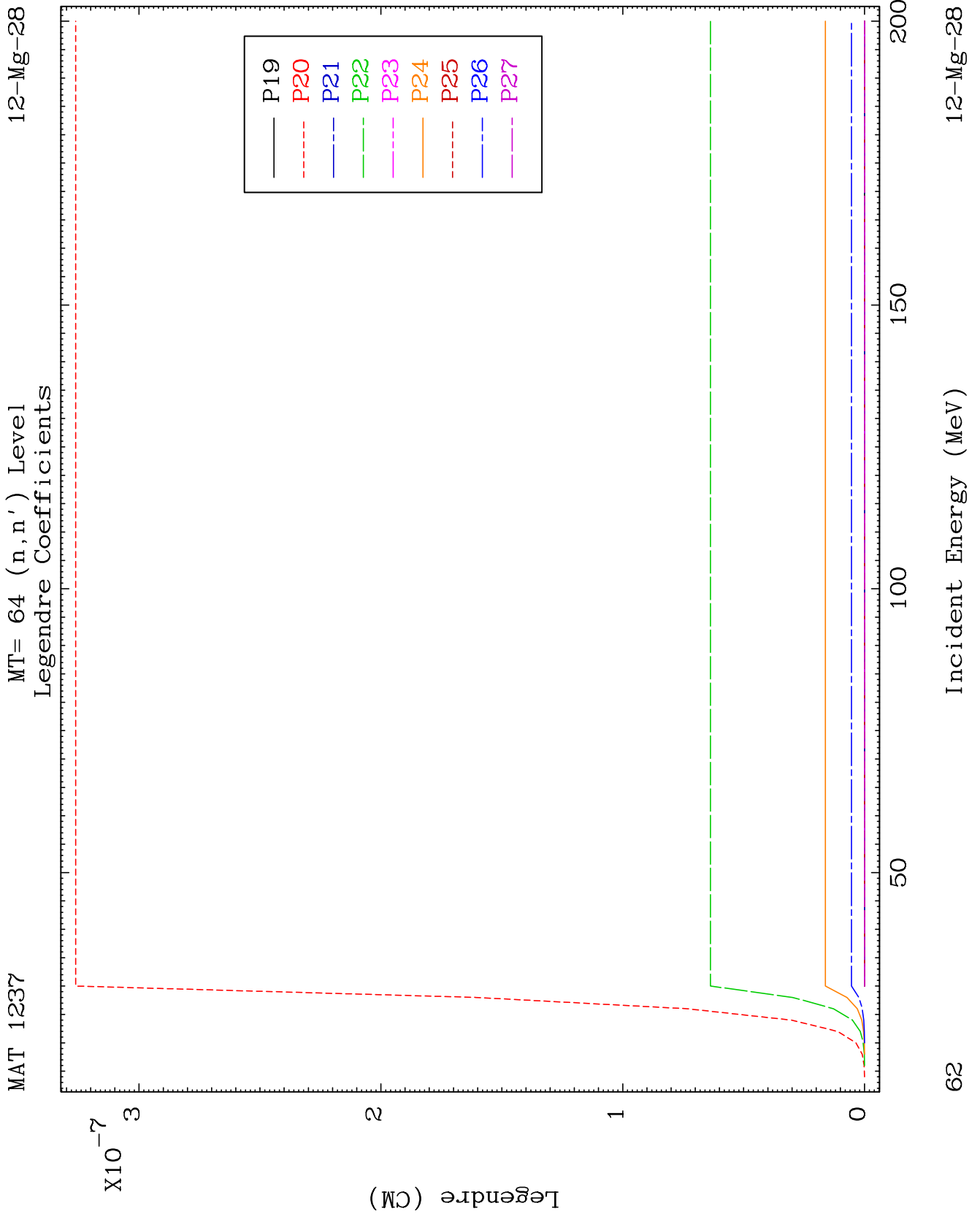
12-Mg-28



61

Incident Energy (MeV)

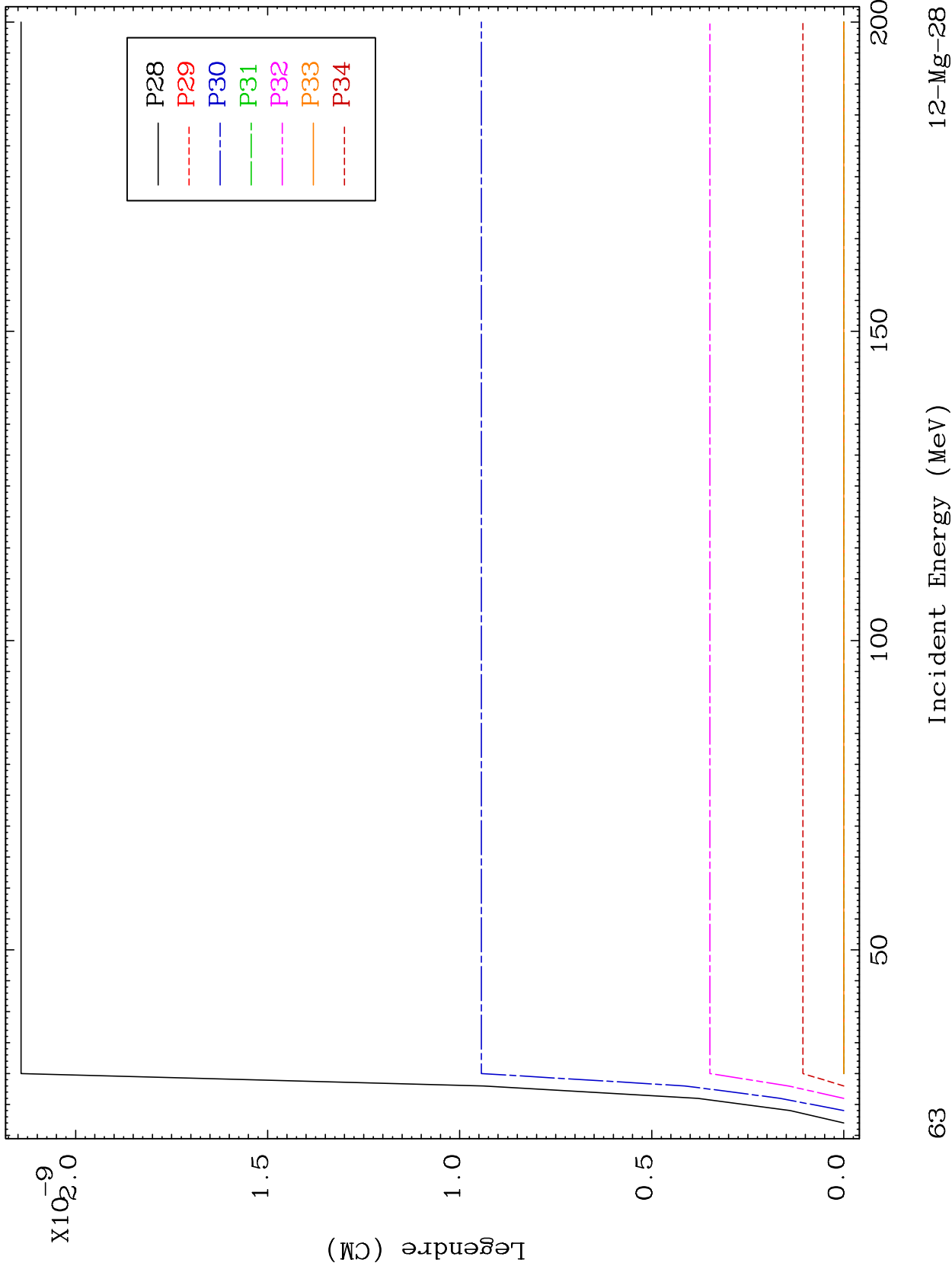
12-Mg-28



MAT 1237

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

12-Mg-28



63

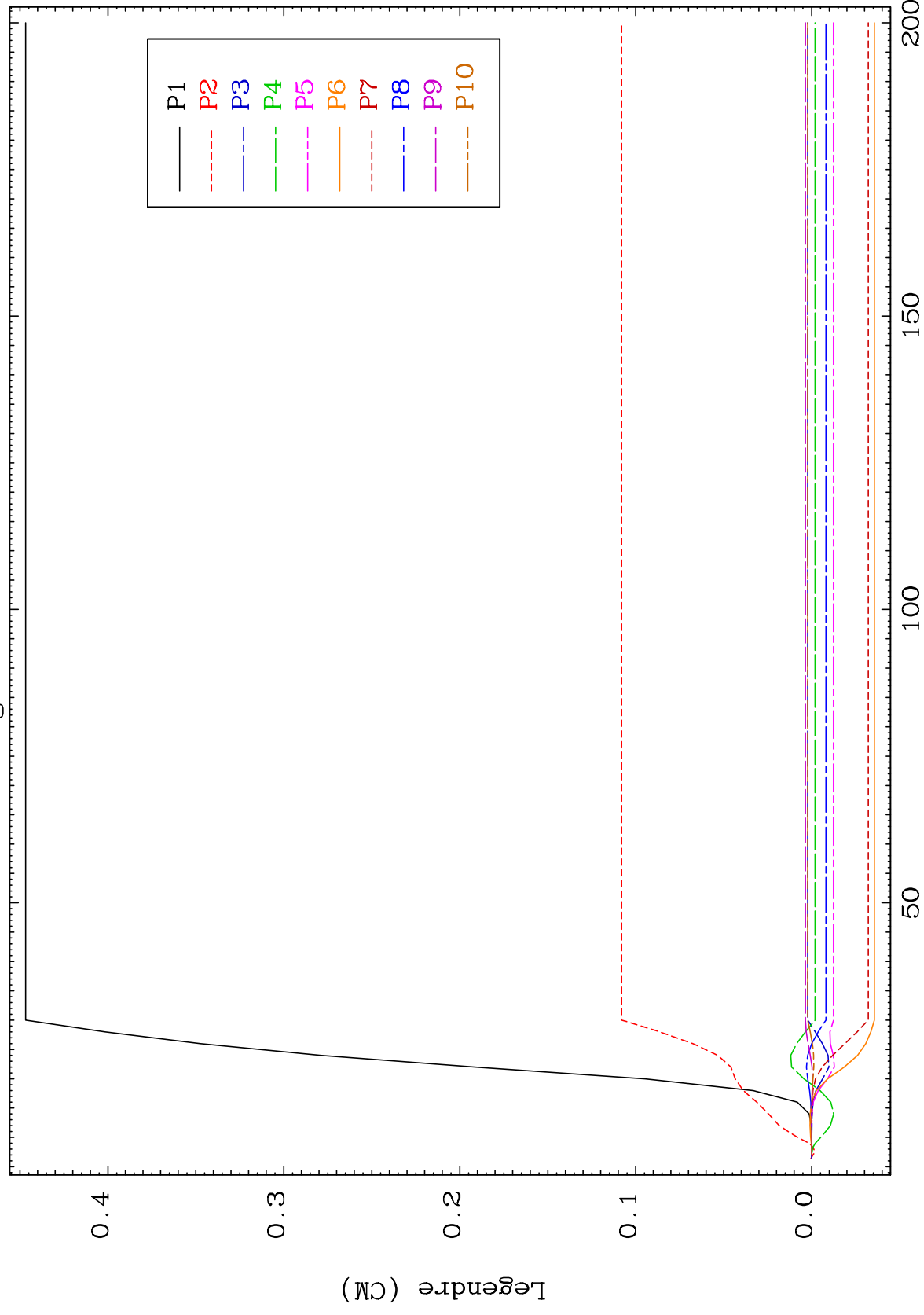
12-Mg-28



MAT 1237

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

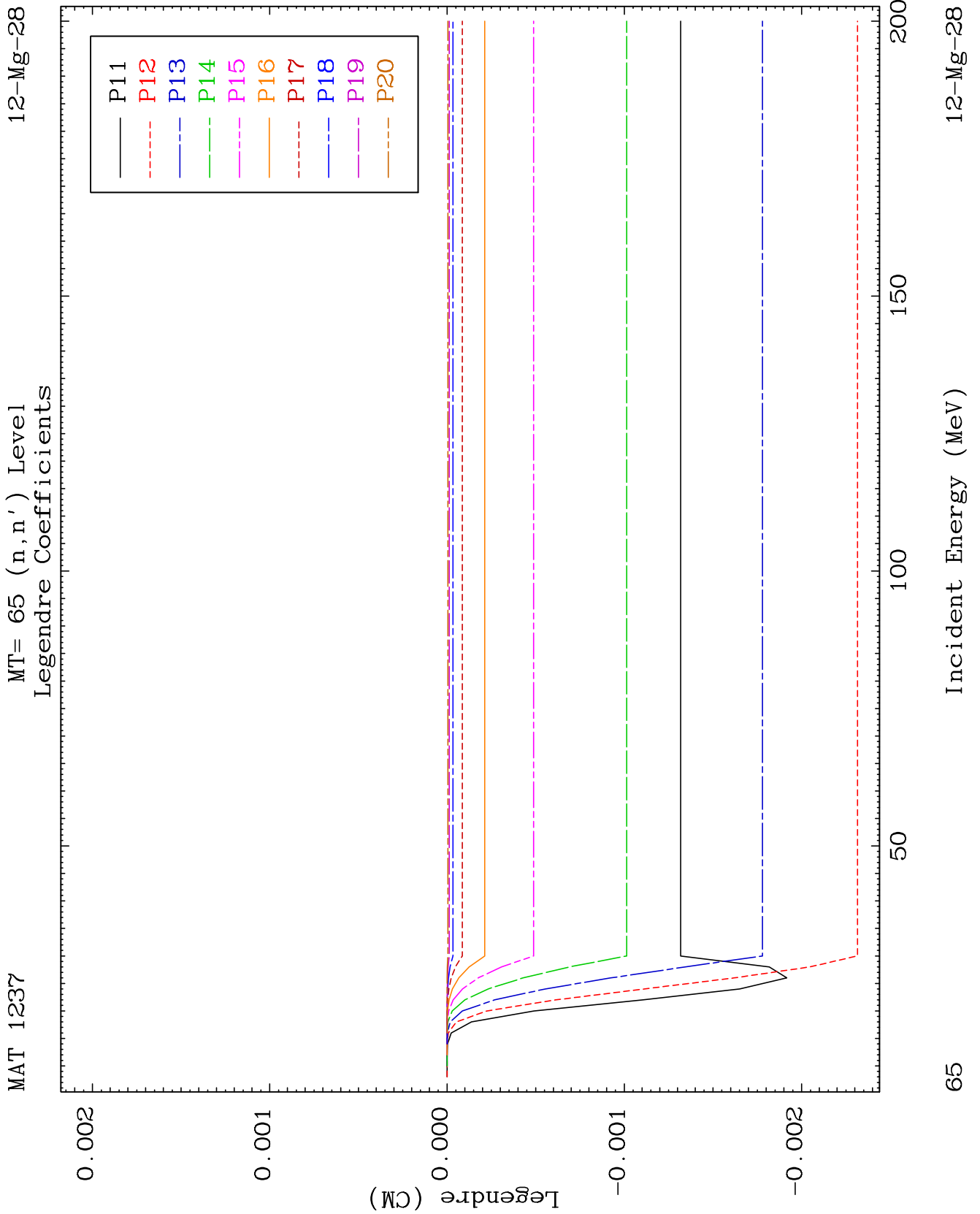
12-Mg-28

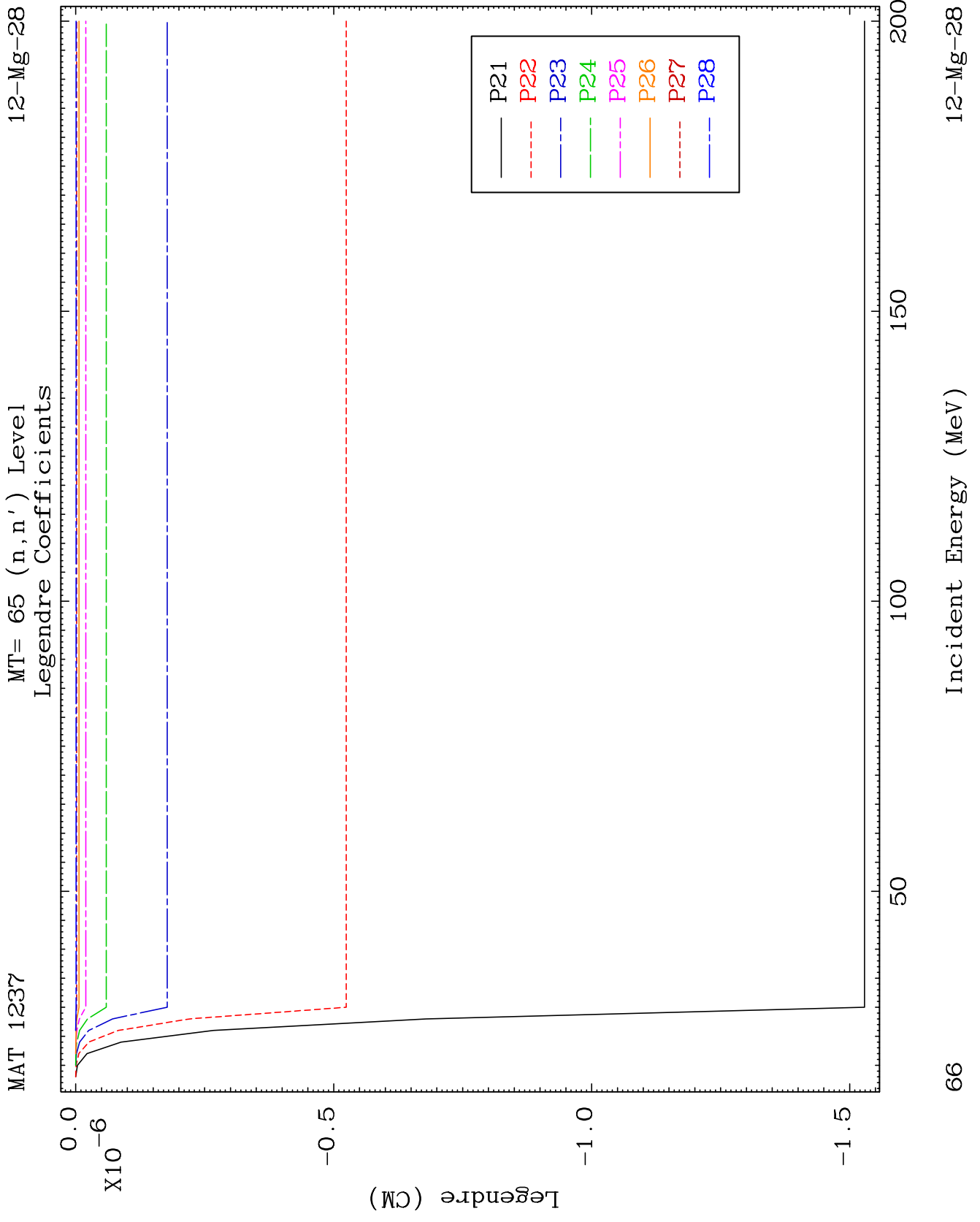


64

Incident Energy (MeV)

12-Mg-28

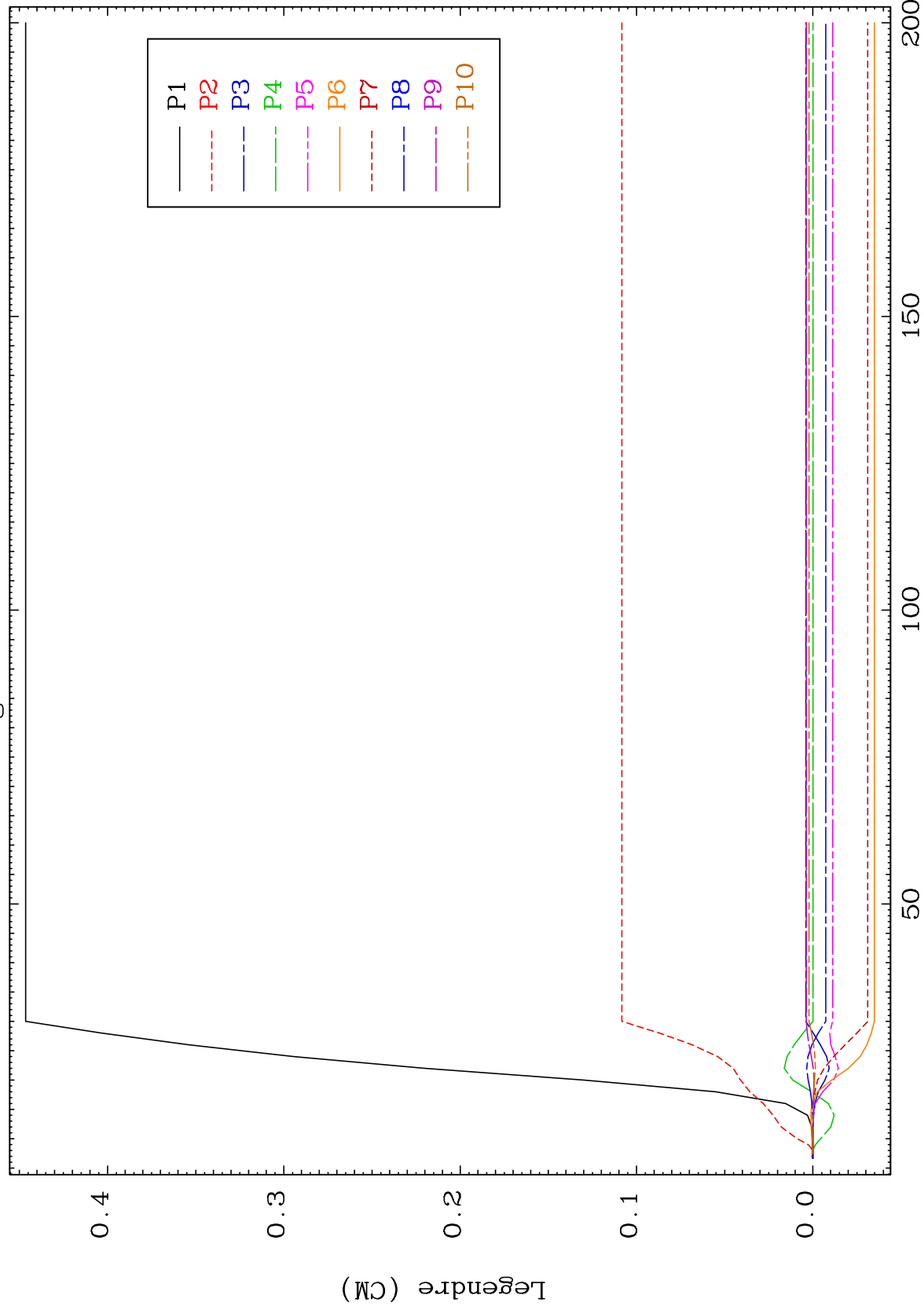




MAT 1237

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

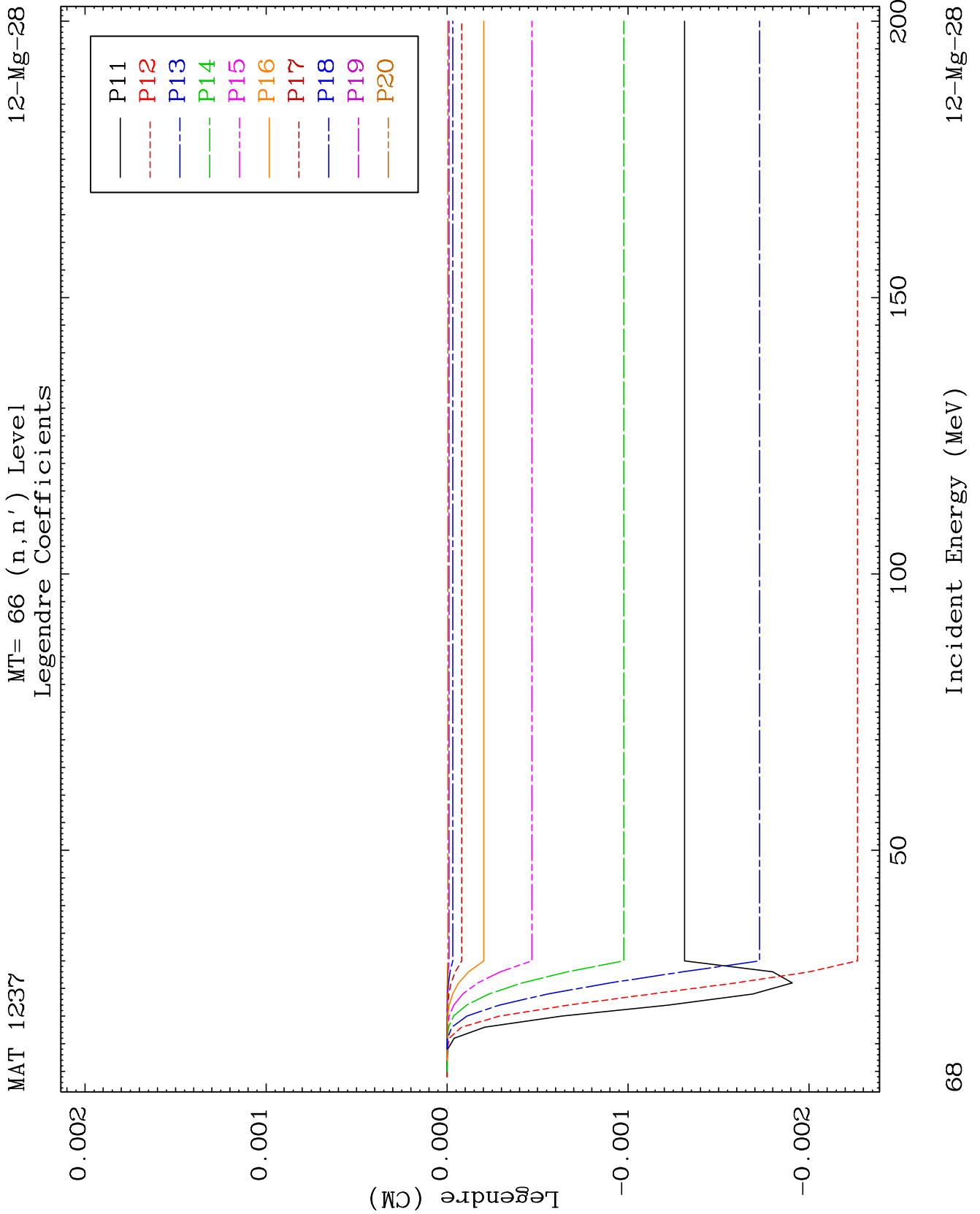
12-Mg-28

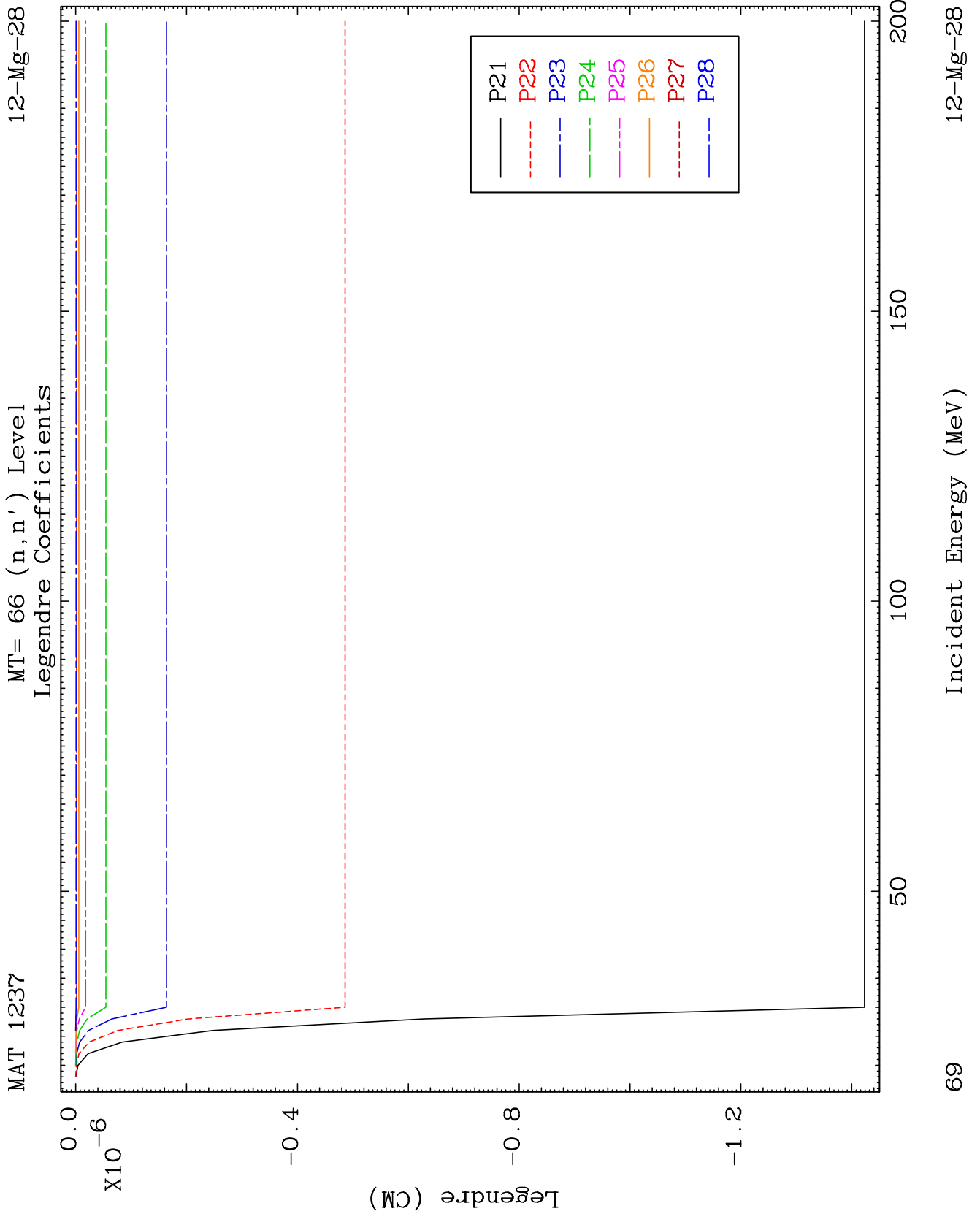


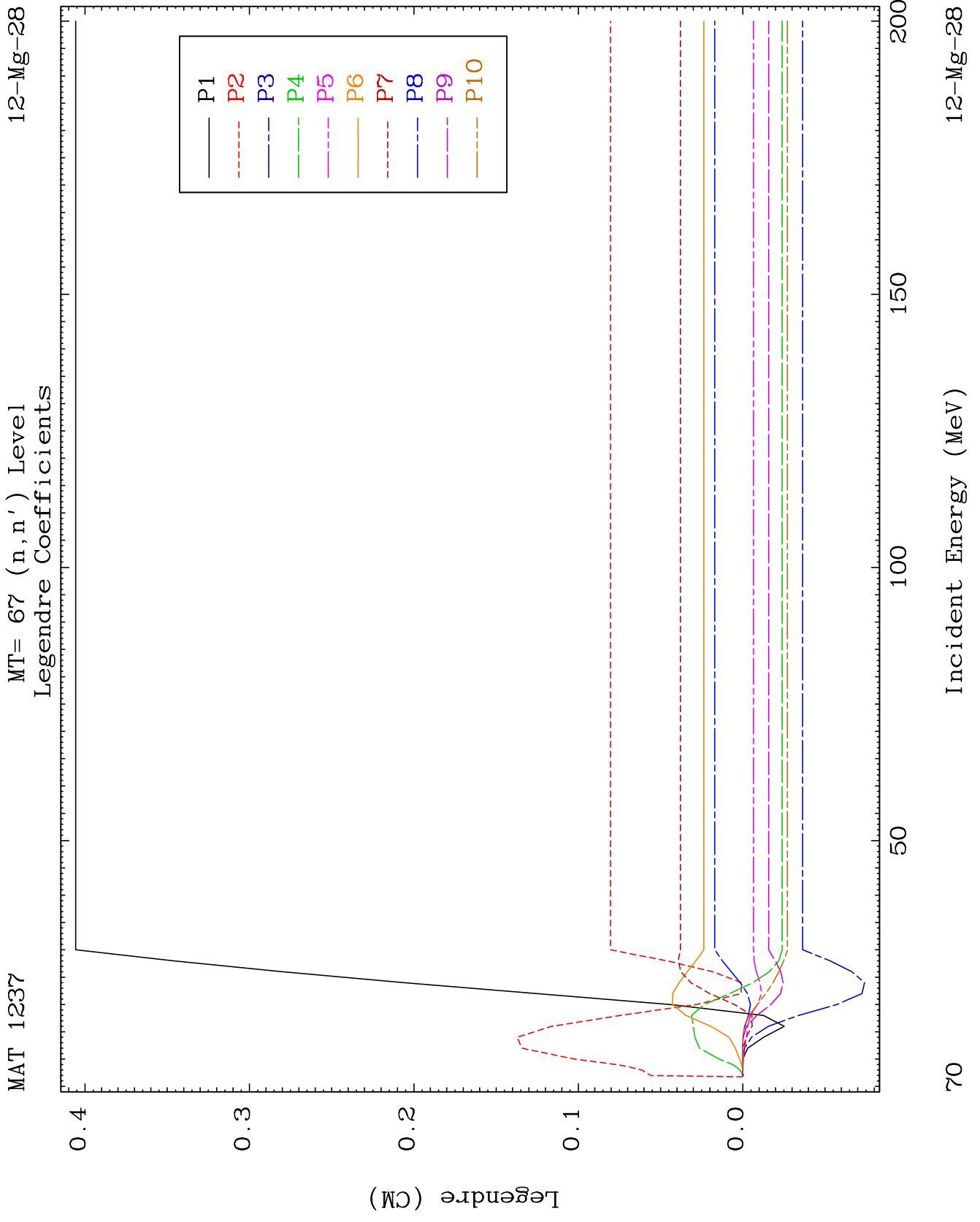
67

Incident Energy (MeV)

12-Mg-28



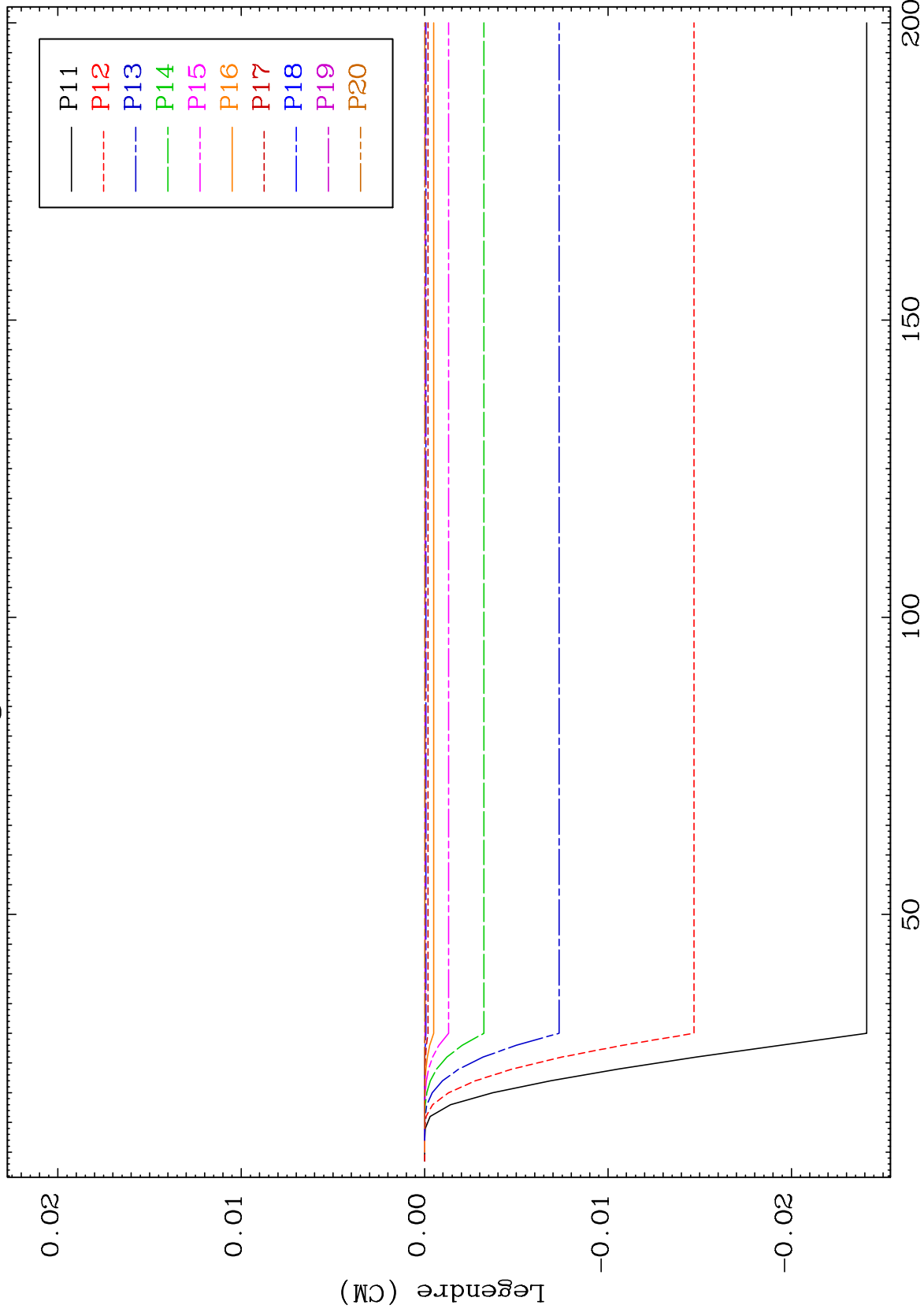




MAT 1237

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

12-Mg-28



71

Incident Energy (MeV)

12-Mg-28



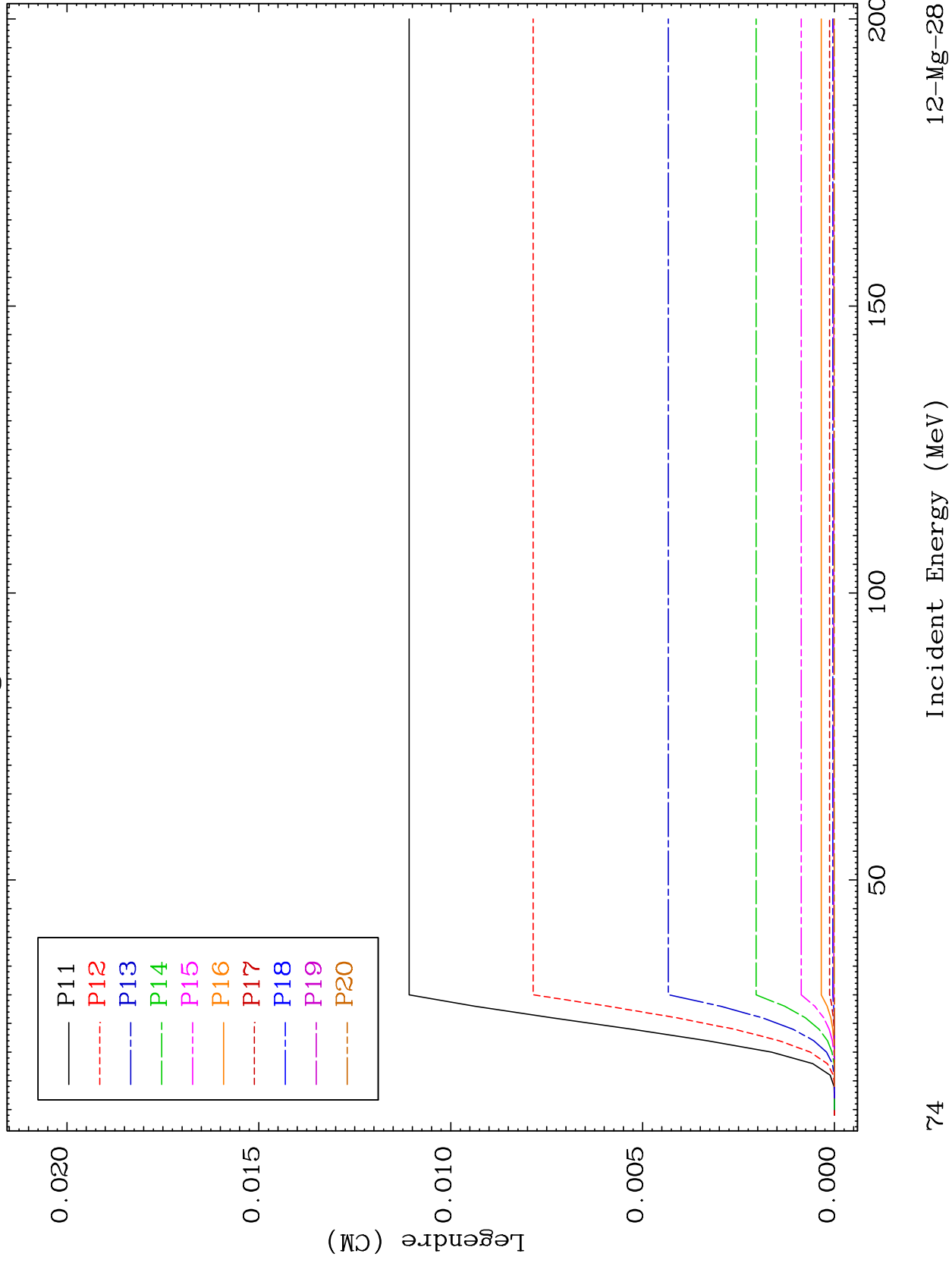




MAT 1237

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

12-Mg-28

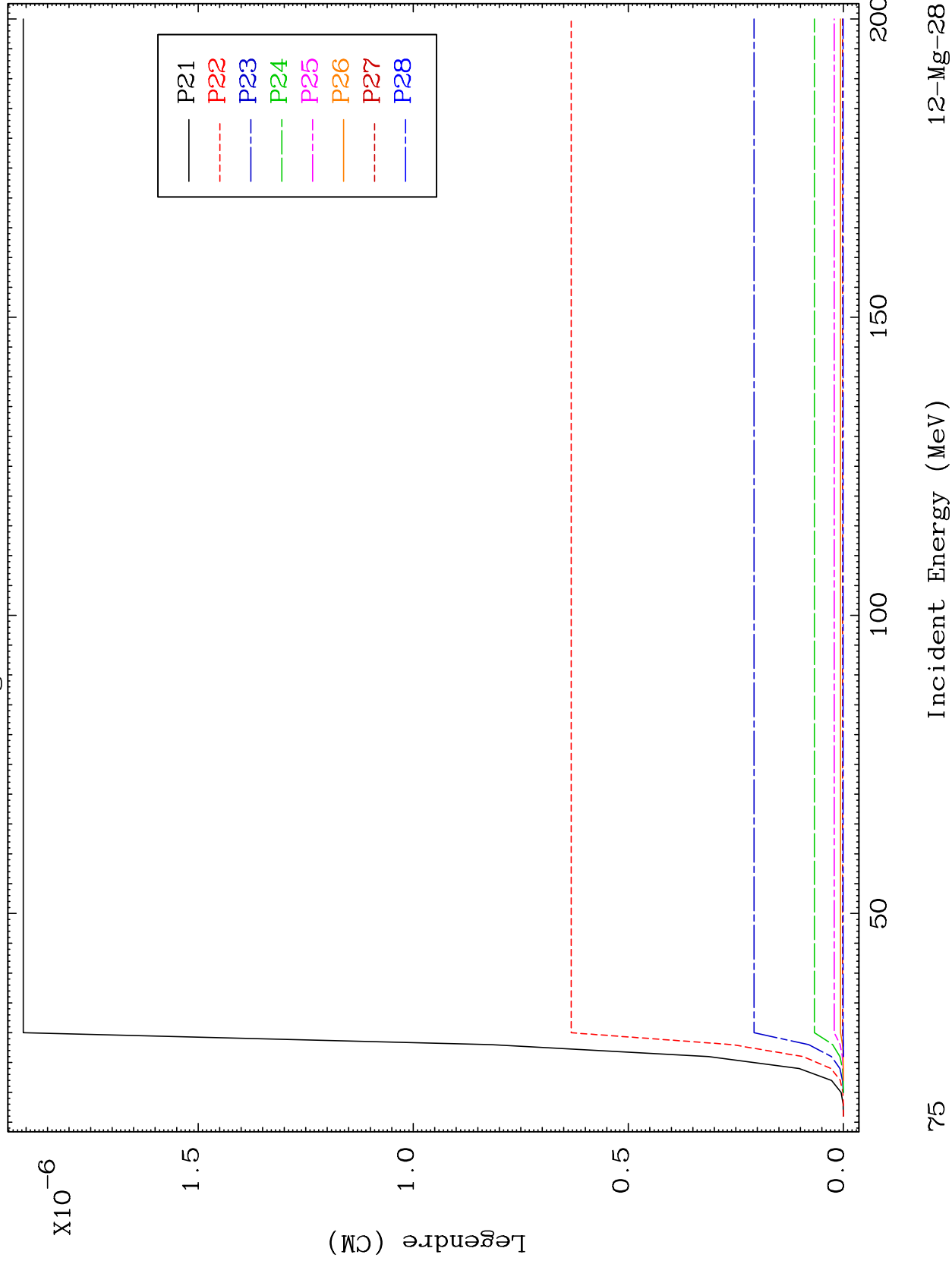


74

MAT 1237

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

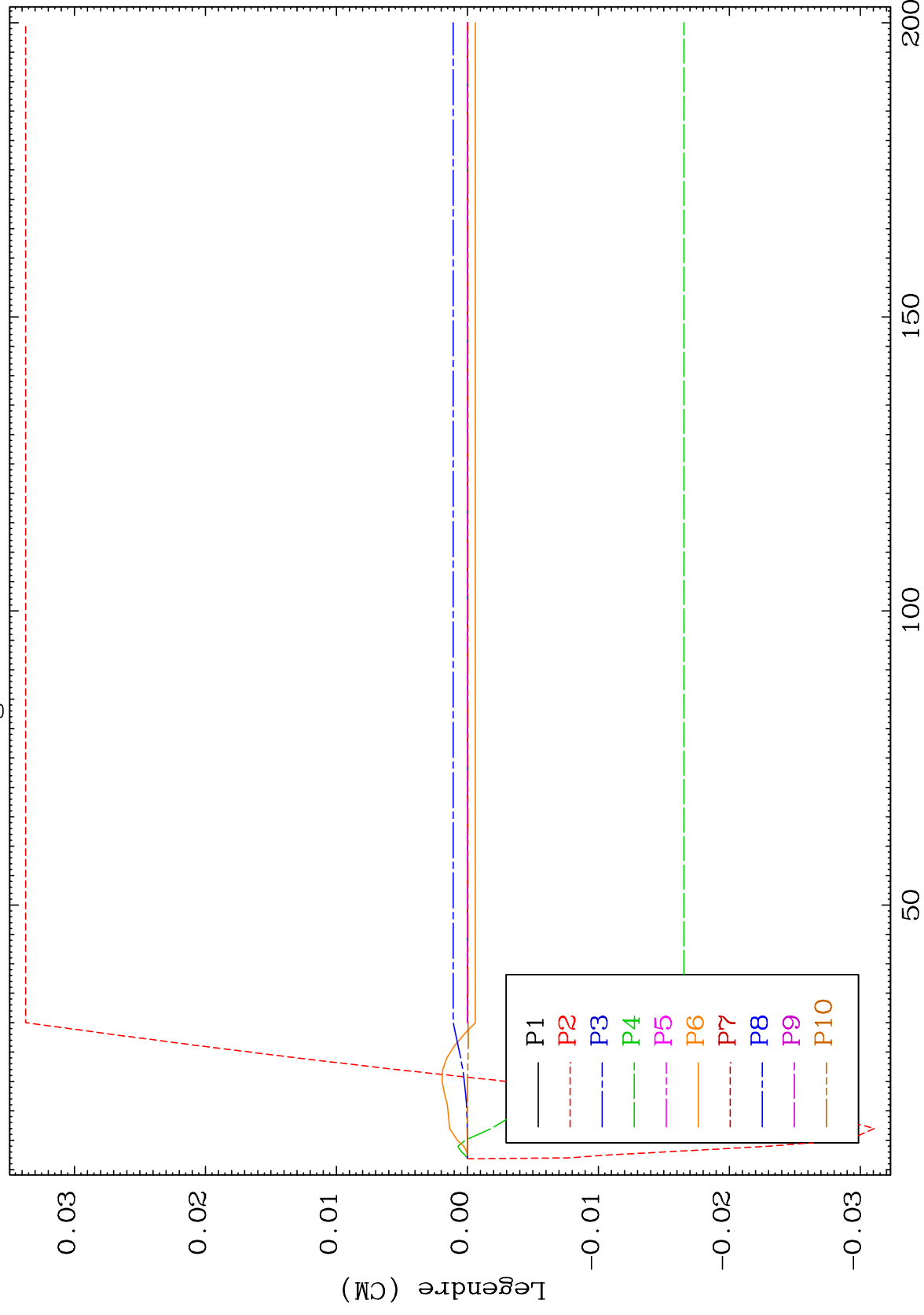
12-Mg-28



MAT 1237

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

12-Mg-28

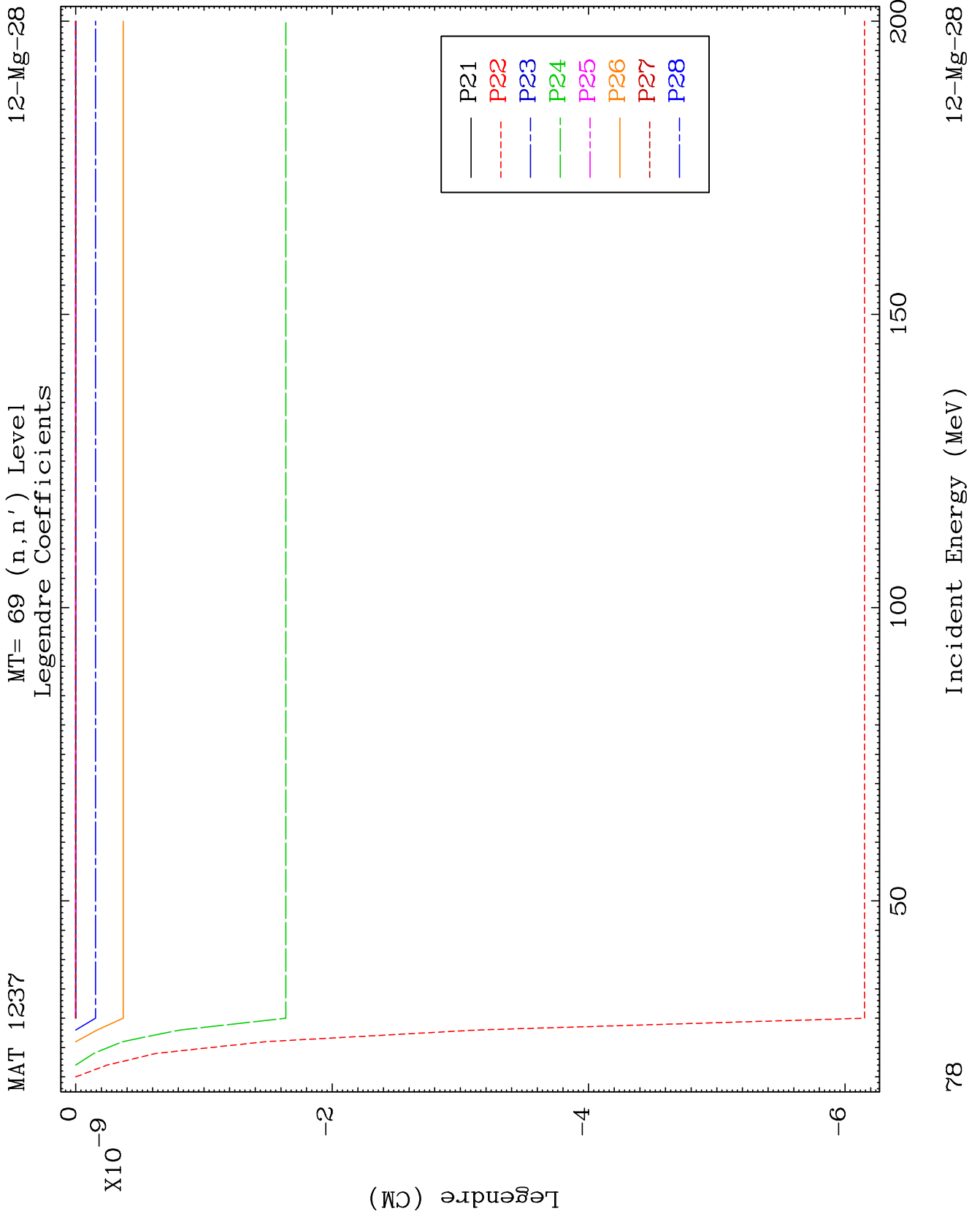


76

Incident Energy (MeV)

12-Mg-28





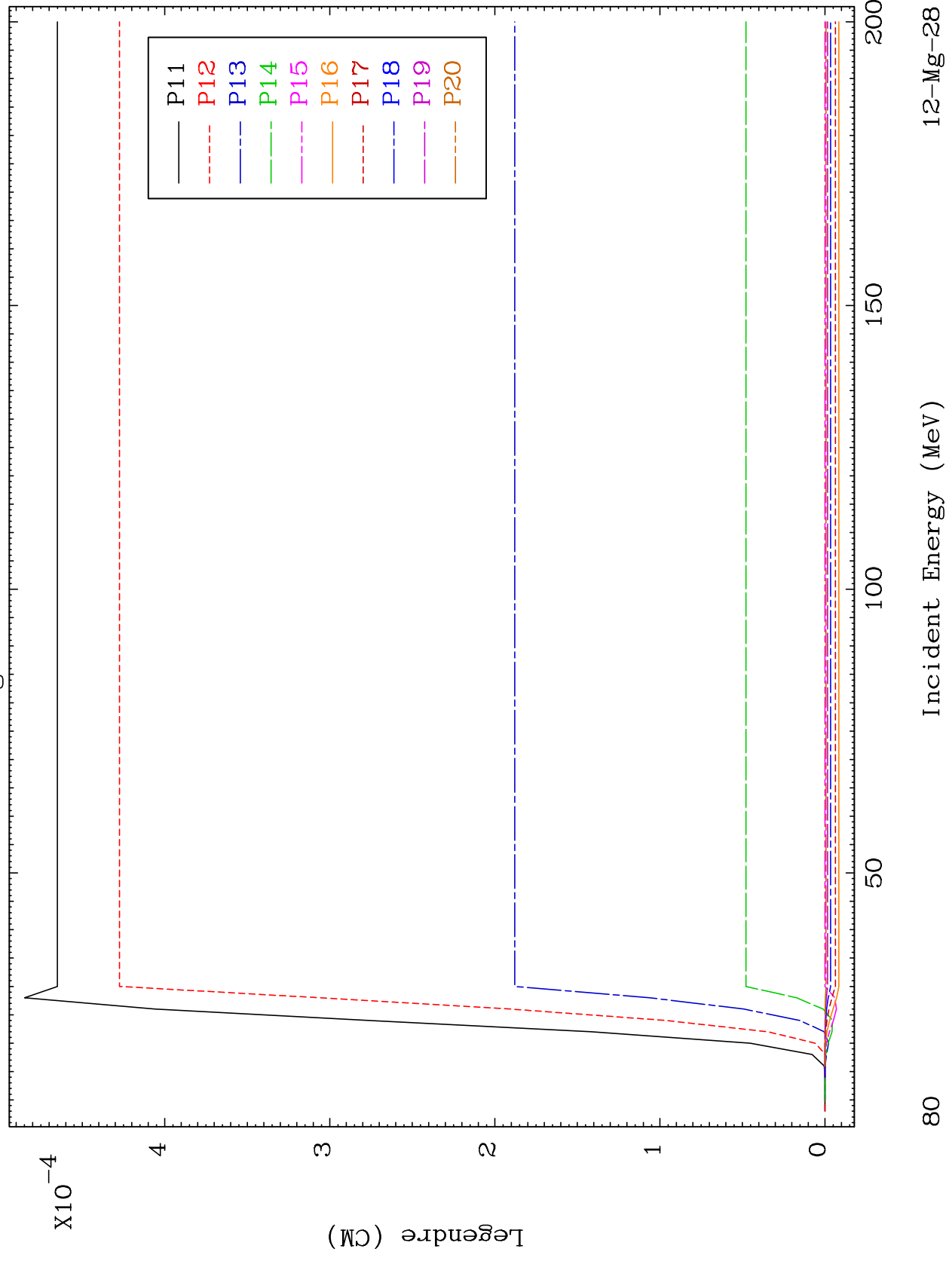




MAT 1237

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

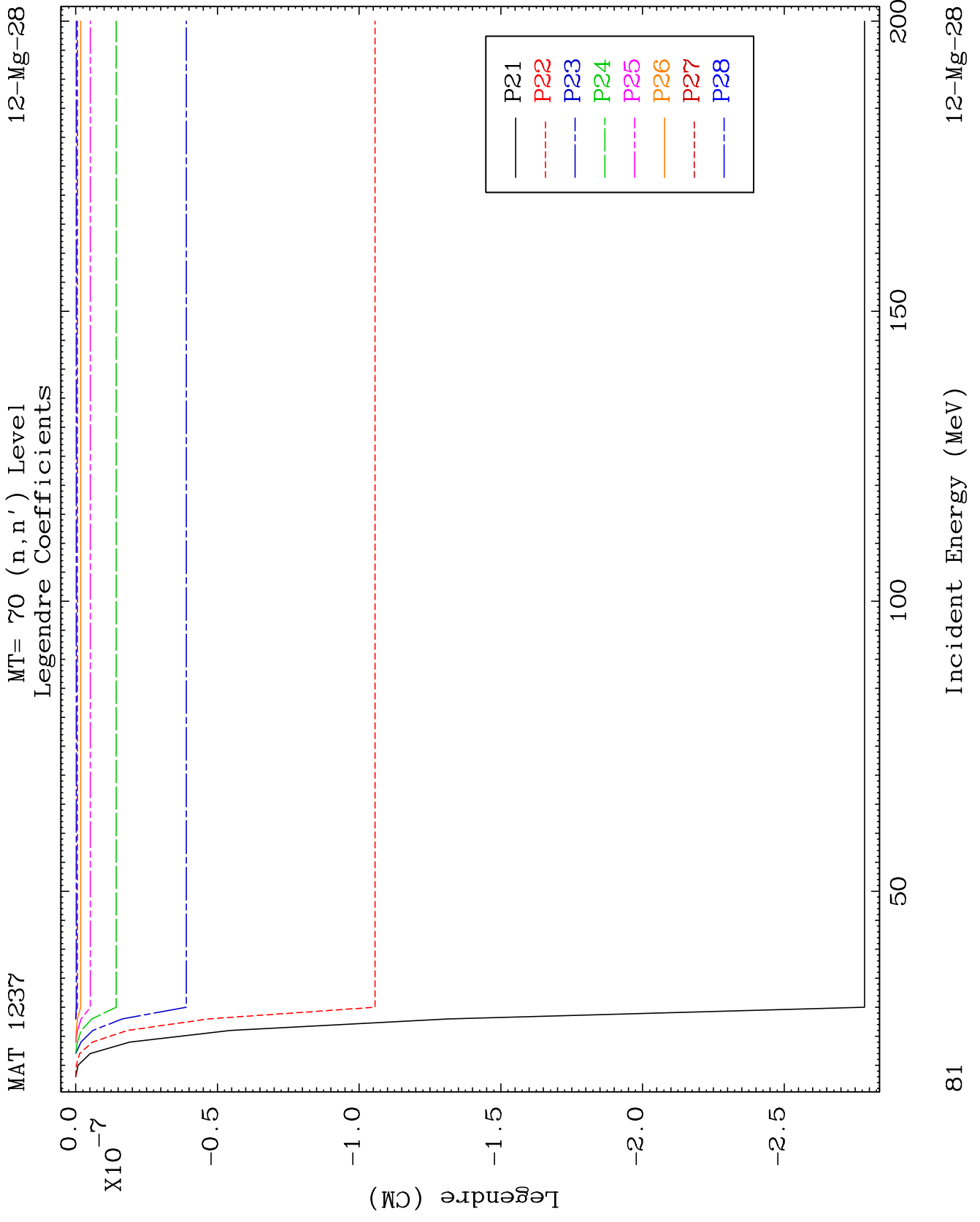
12-Mg-28



80

Incident Energy (MeV)

12-Mg-28

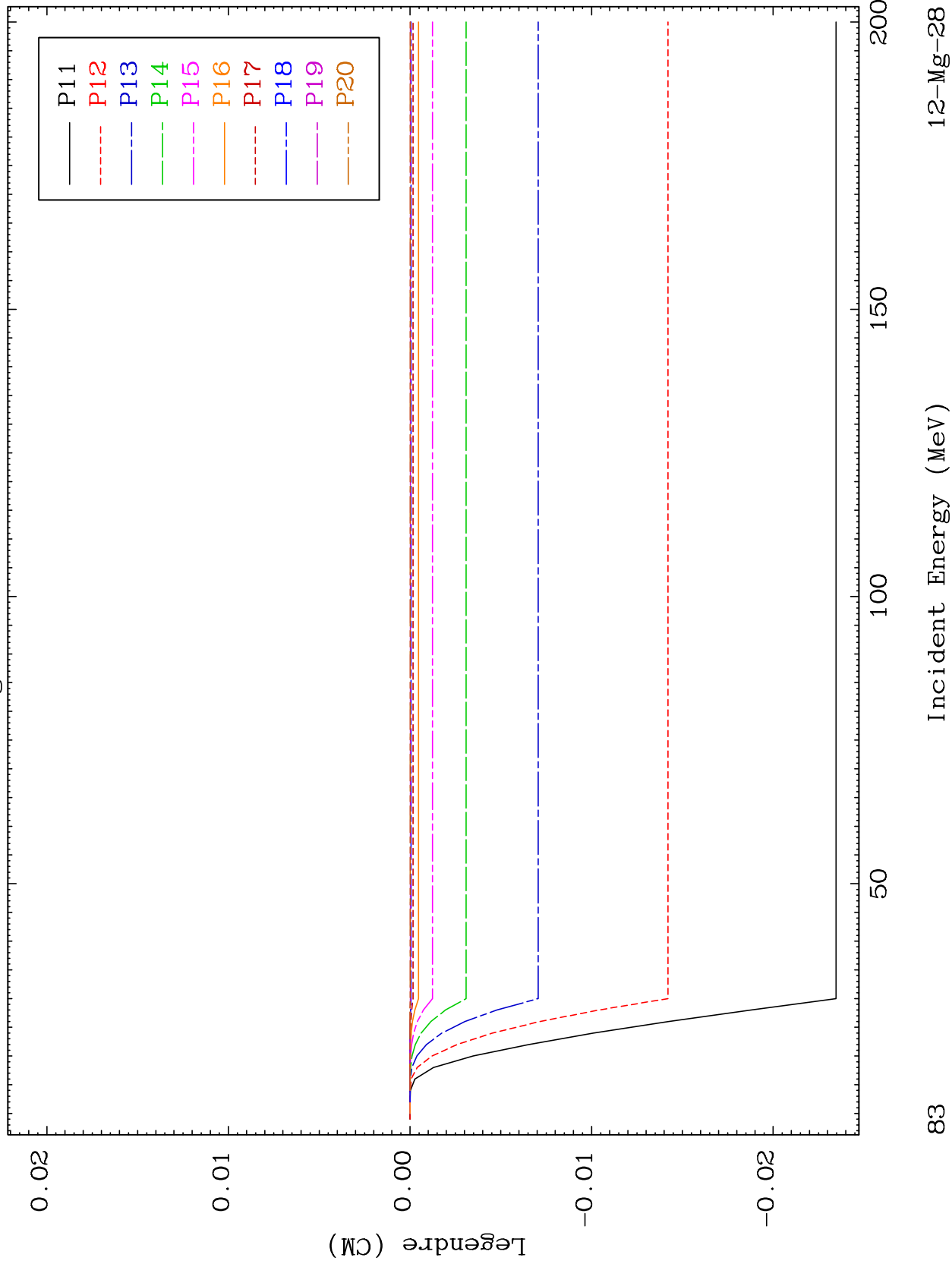




MAT 1237

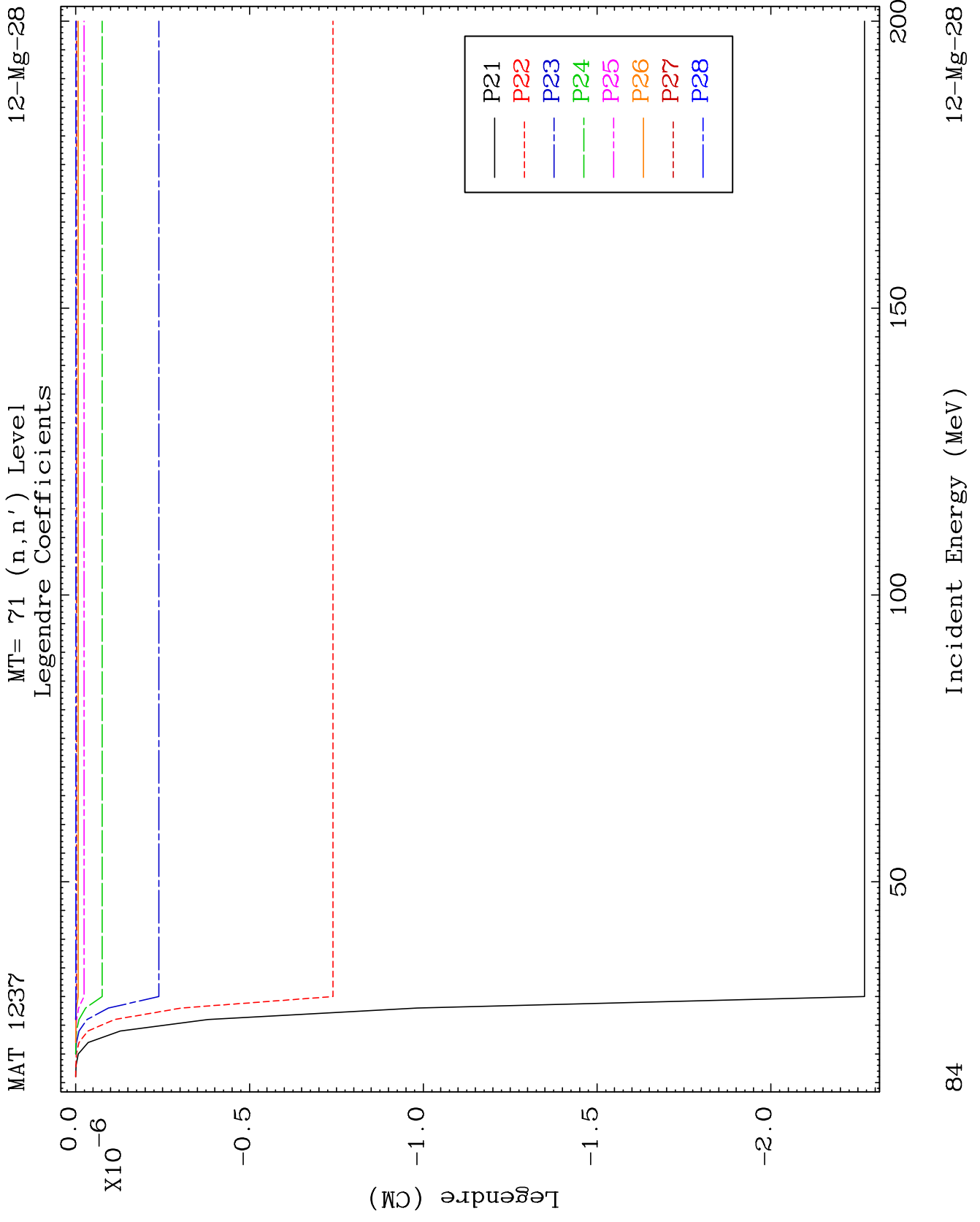
MT= 71 (n,n') Level  
Legendre Coefficients

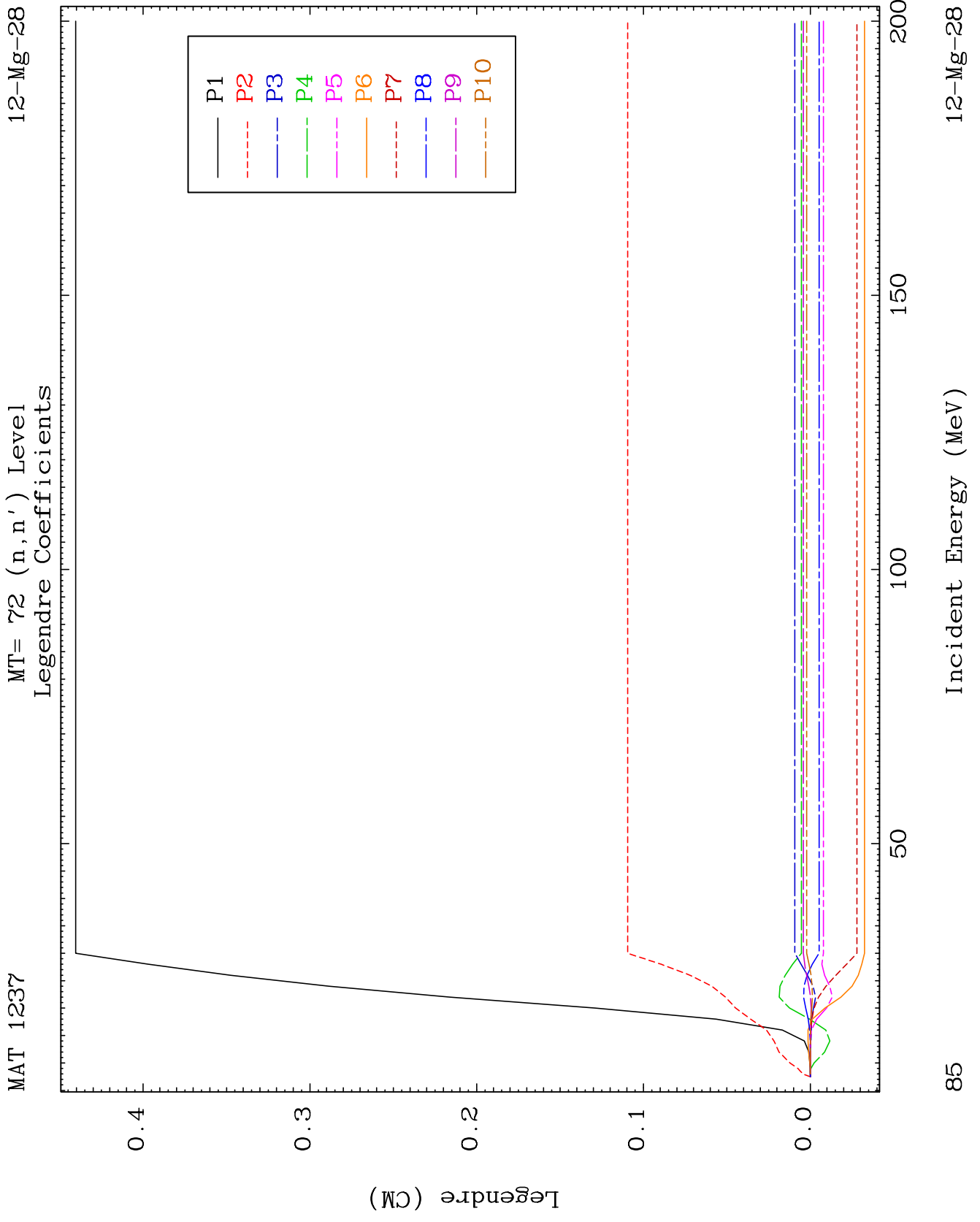
12-Mg-28



83

12-Mg-28

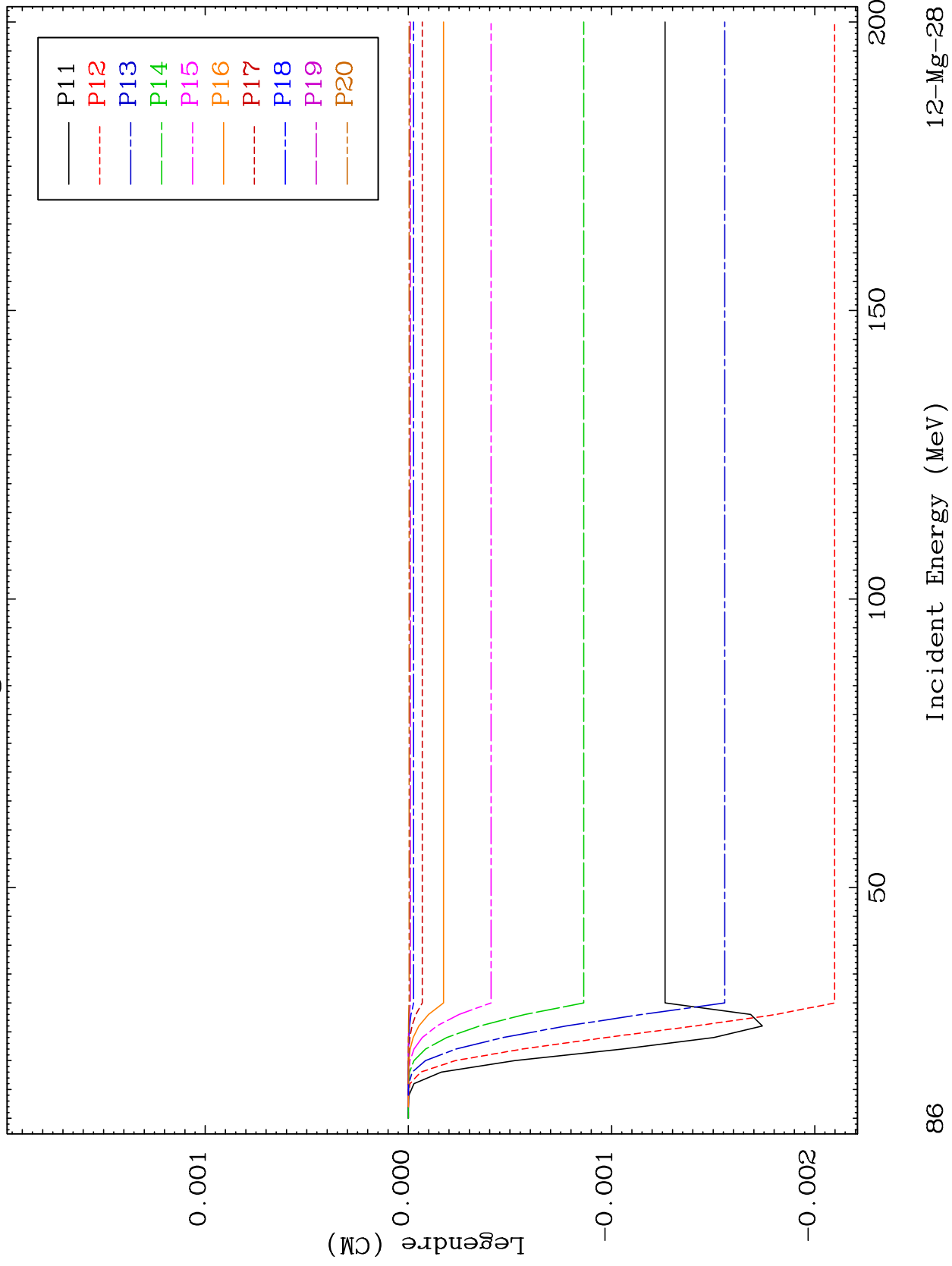




MAT 1237

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

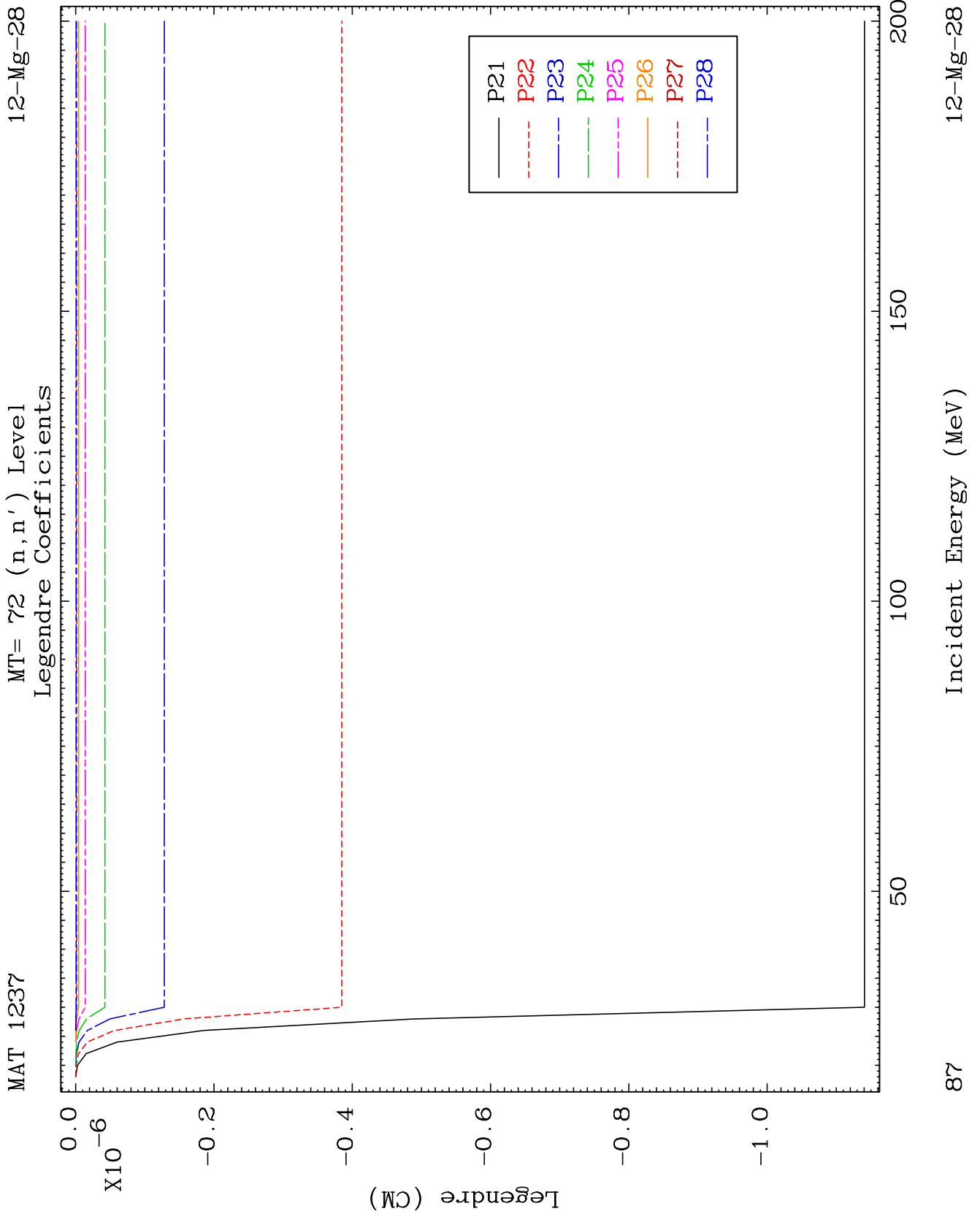
12-Mg-28



86

Incident Energy (MeV)

12-Mg-28

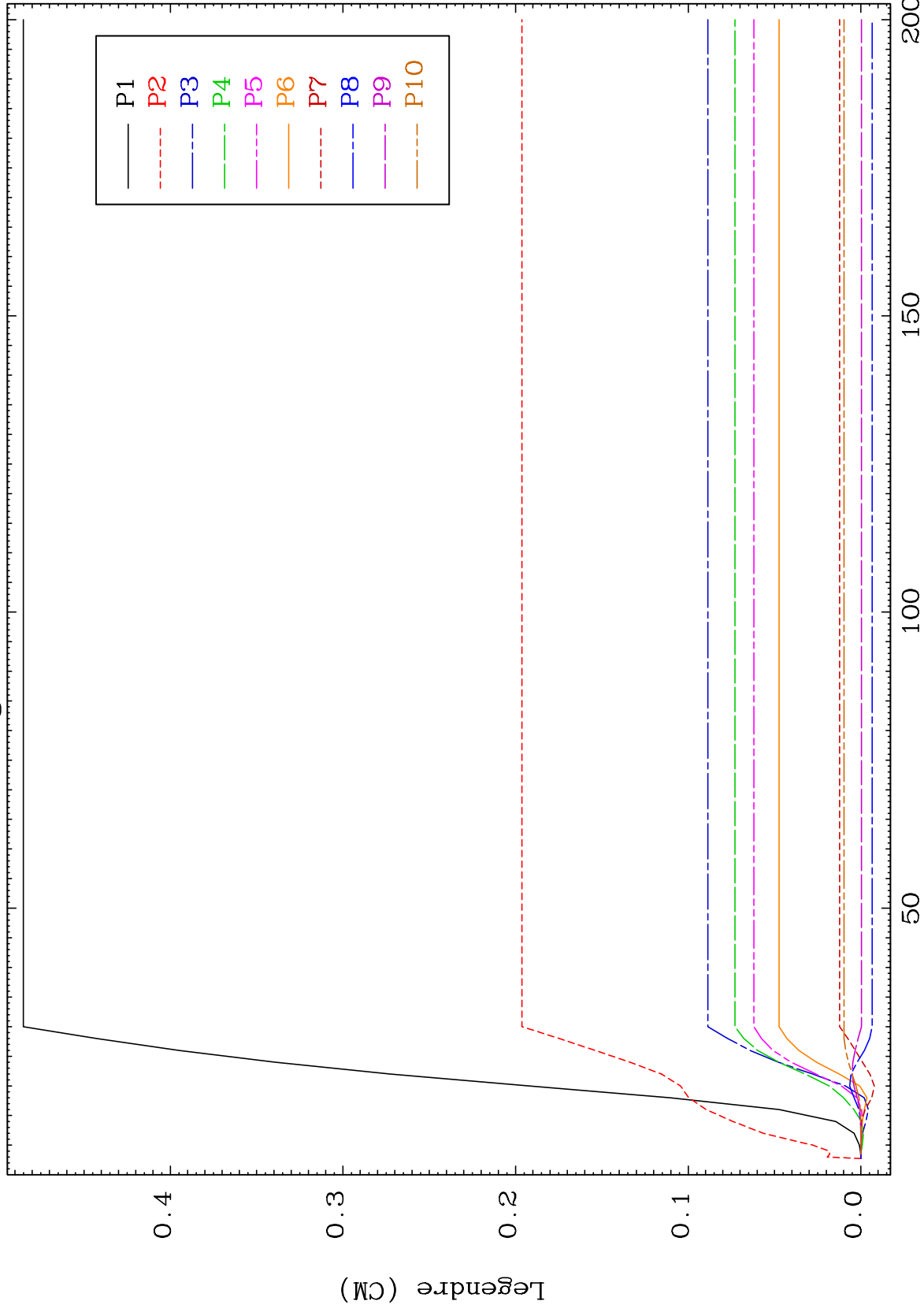




MAT 1237

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

12-Mg-28



88

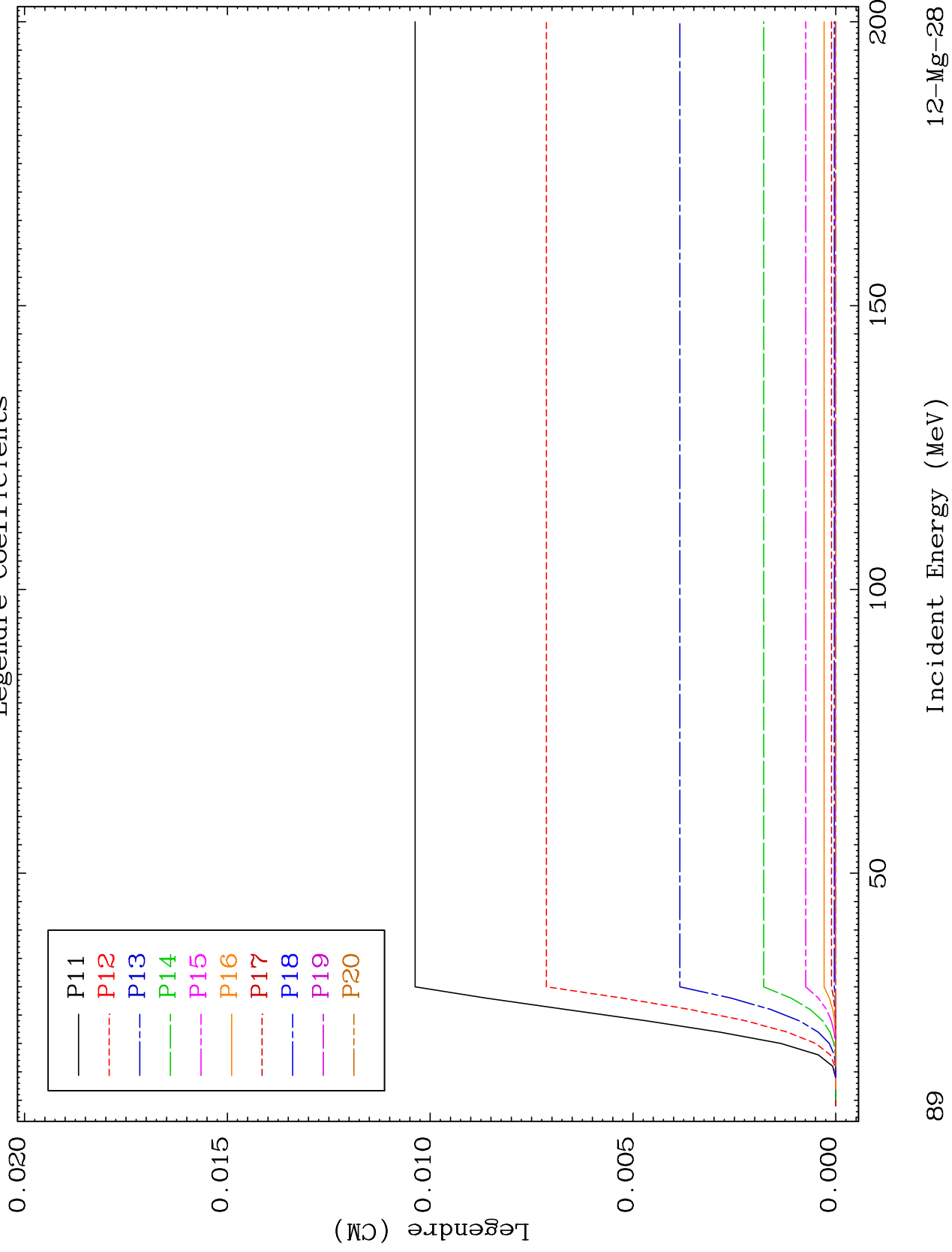
Incident Energy (MeV)

12-Mg-28

MAT 1237

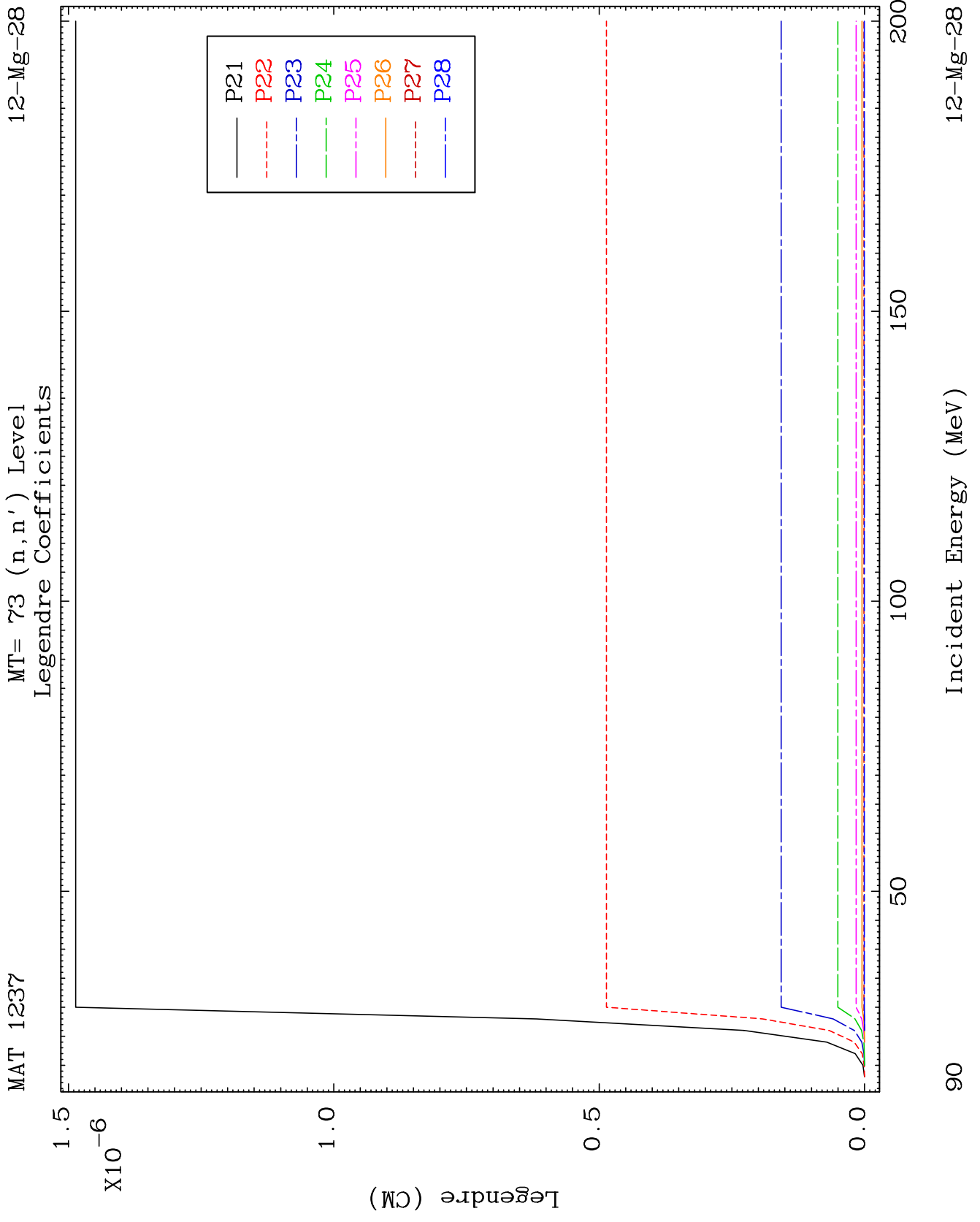
MT= 73 (n,n') Level  
Legendre Coefficients

12-Mg-28



89

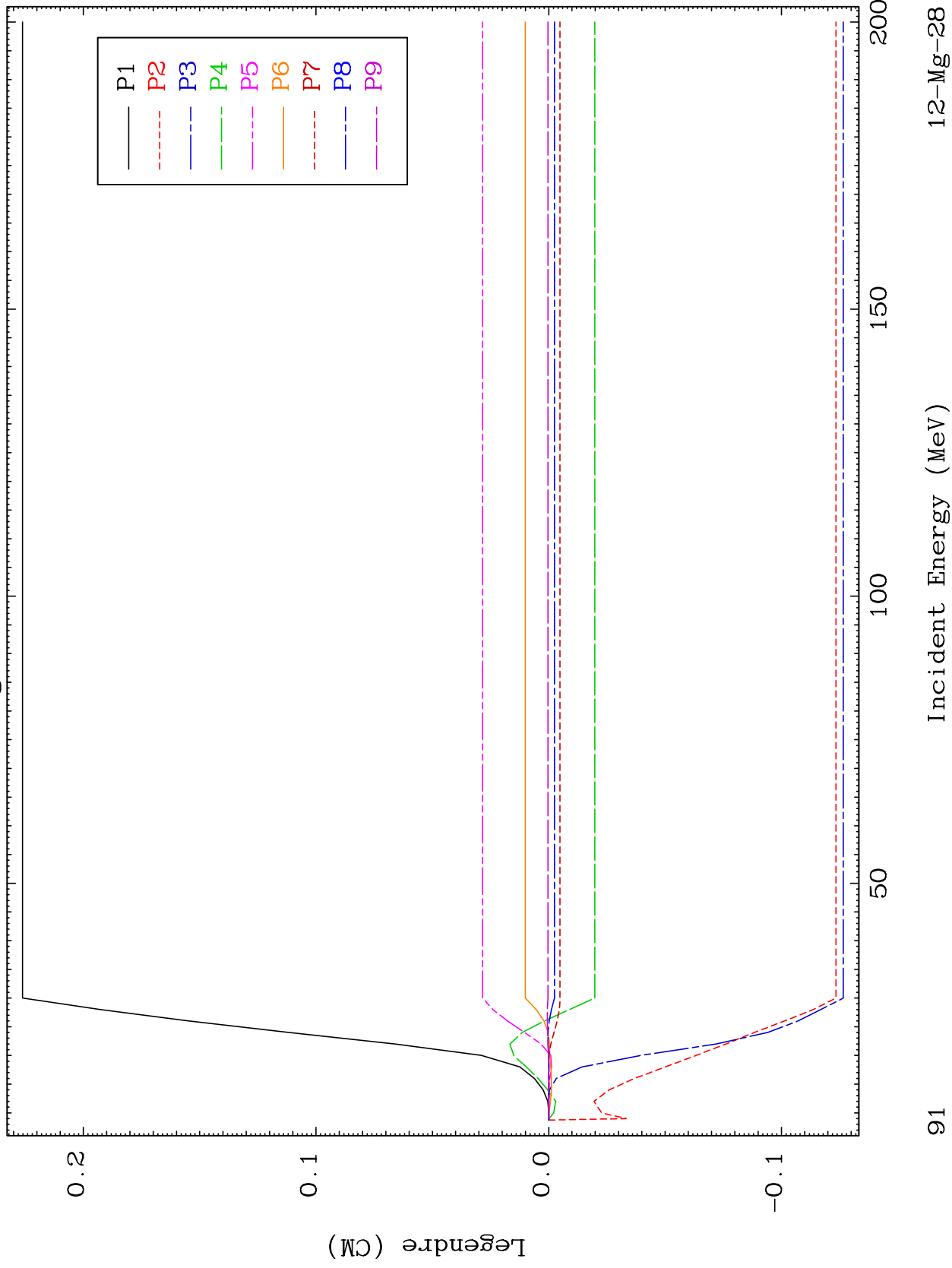
12-Mg-28



MAT 1237

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

12-Mg-28



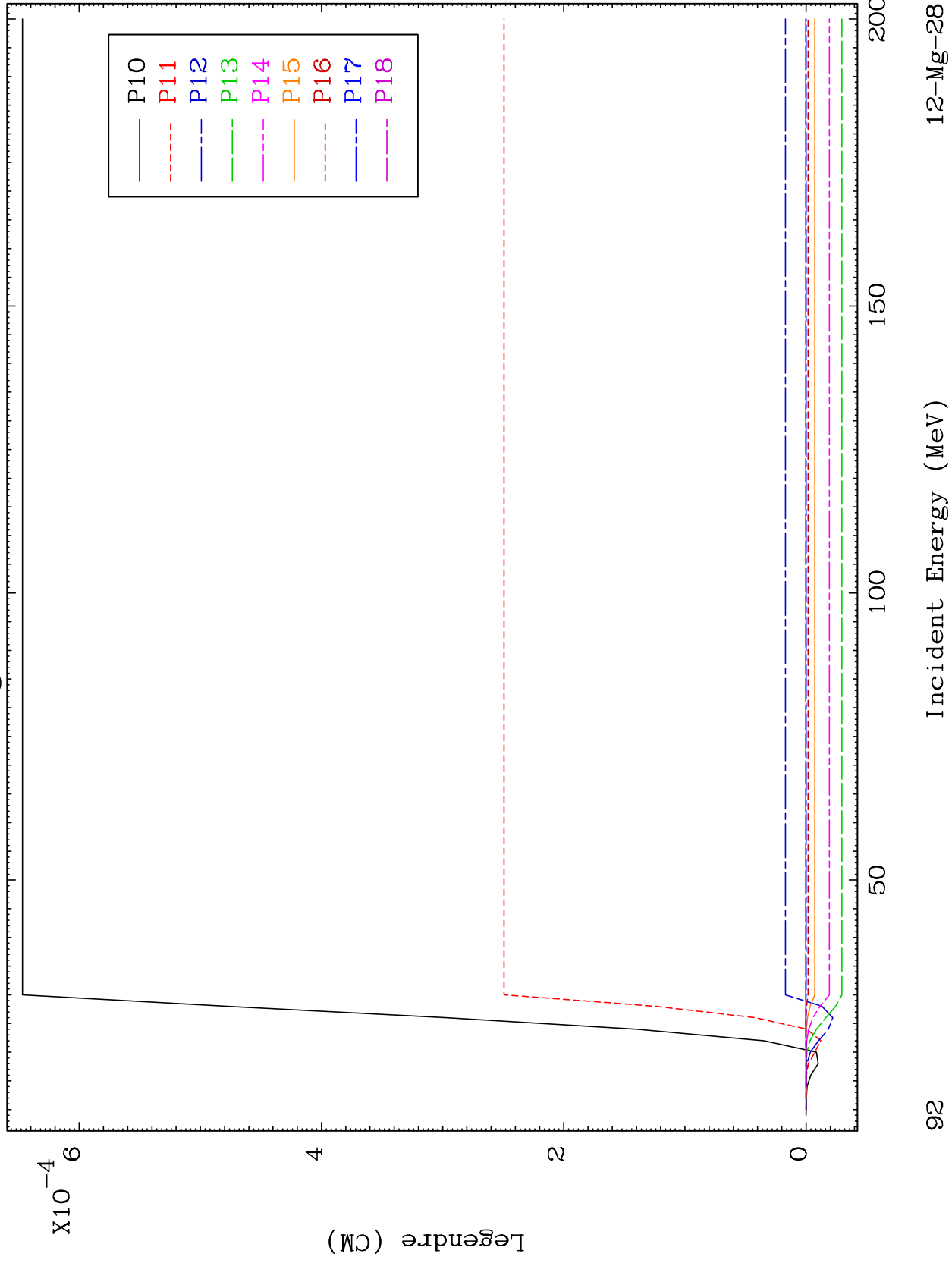
91

12-Mg-28

MAT 1237

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

12-Mg-28



92

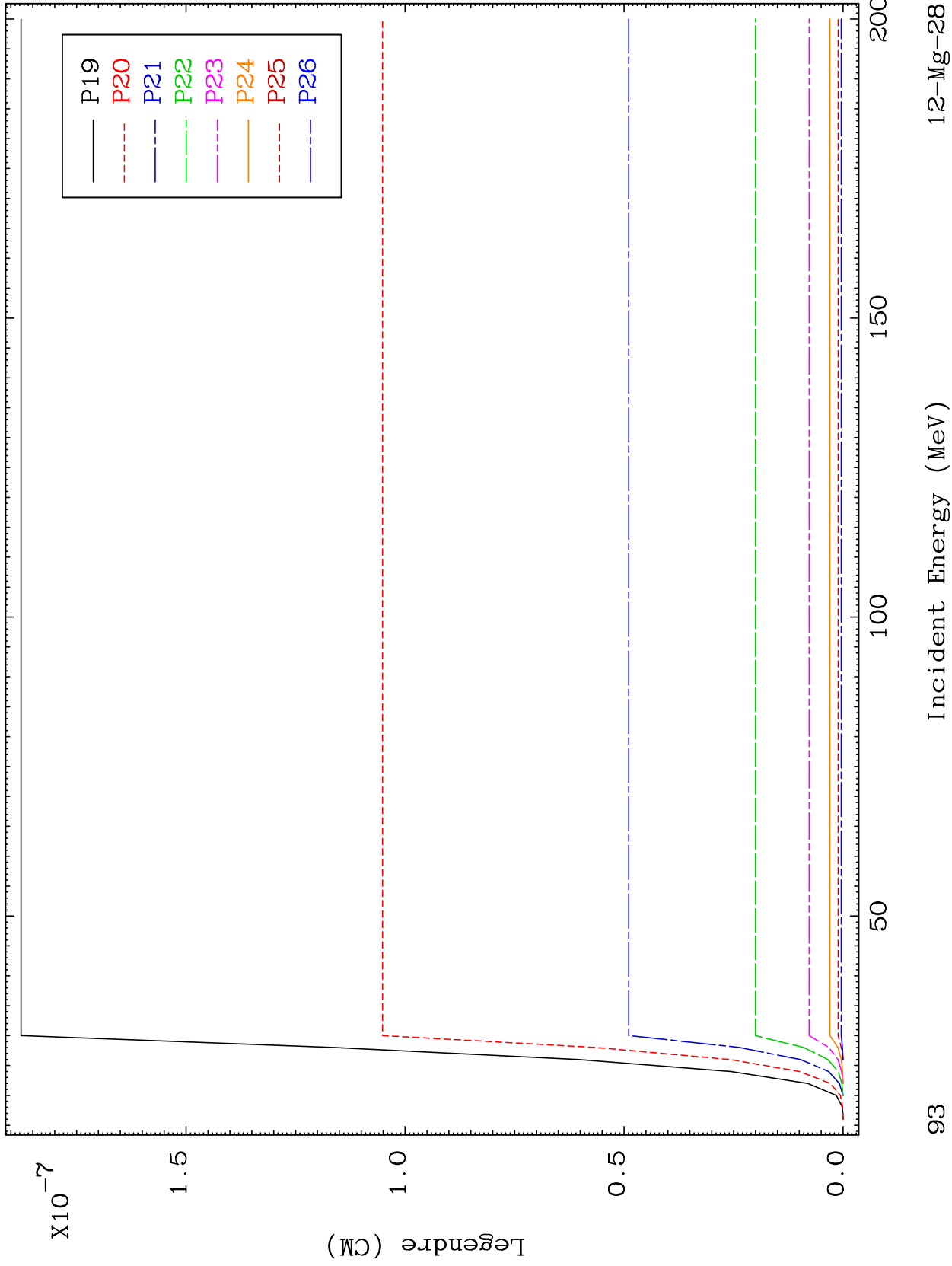
Incident Energy (MeV)

12-Mg-28

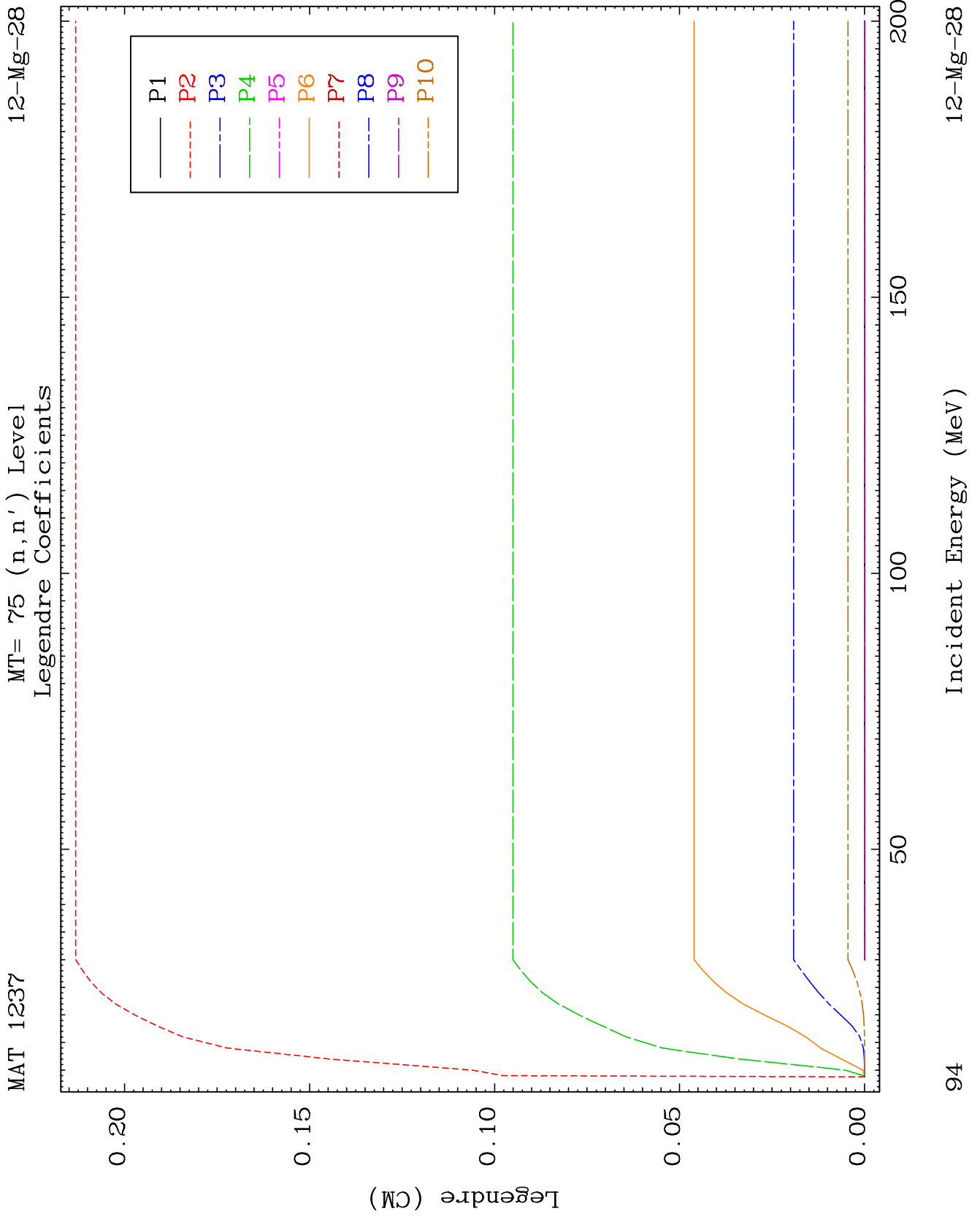
MAT 1237

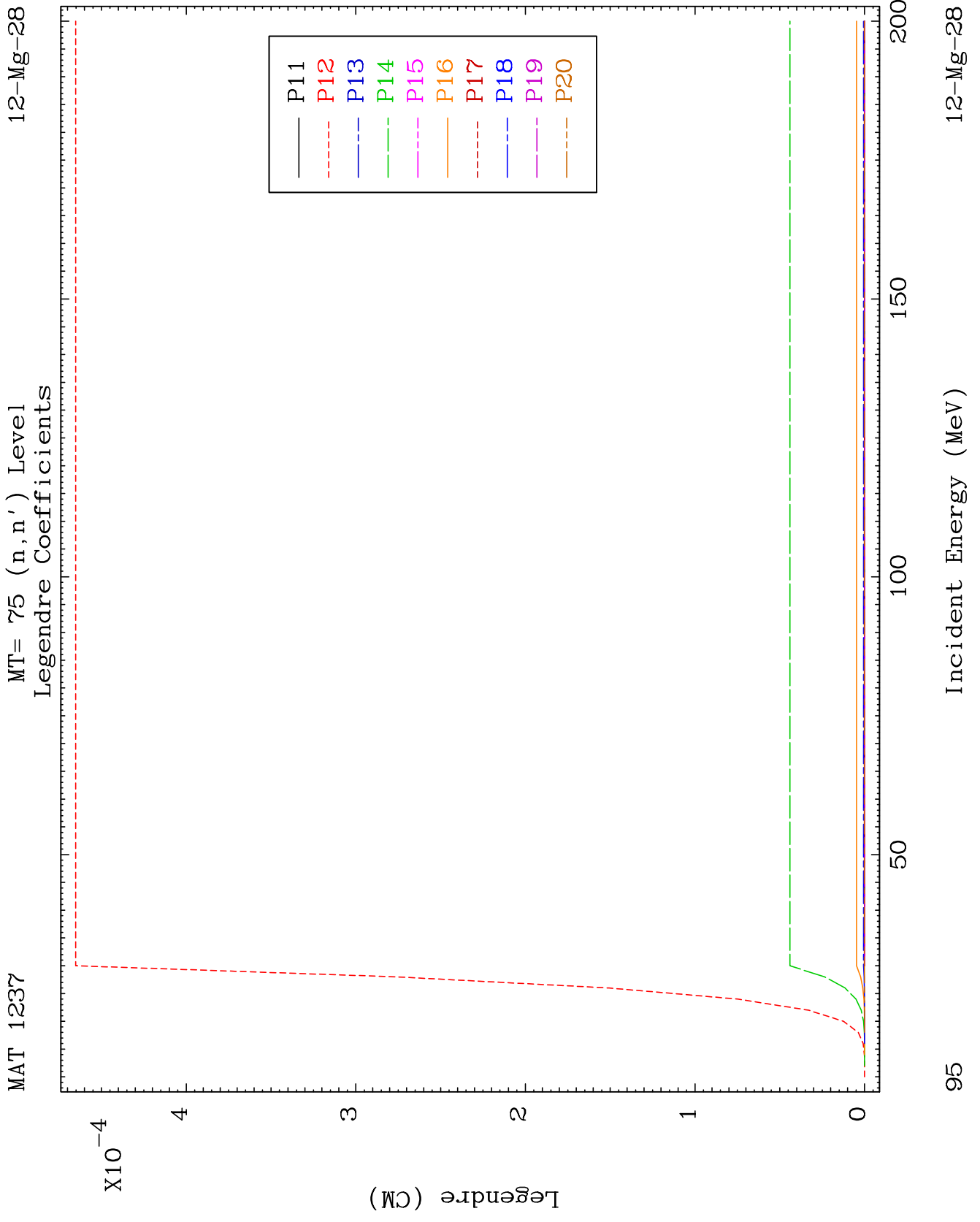
MT= 74 (n,n') Level  
Legendre Coefficients

12-Mg-28

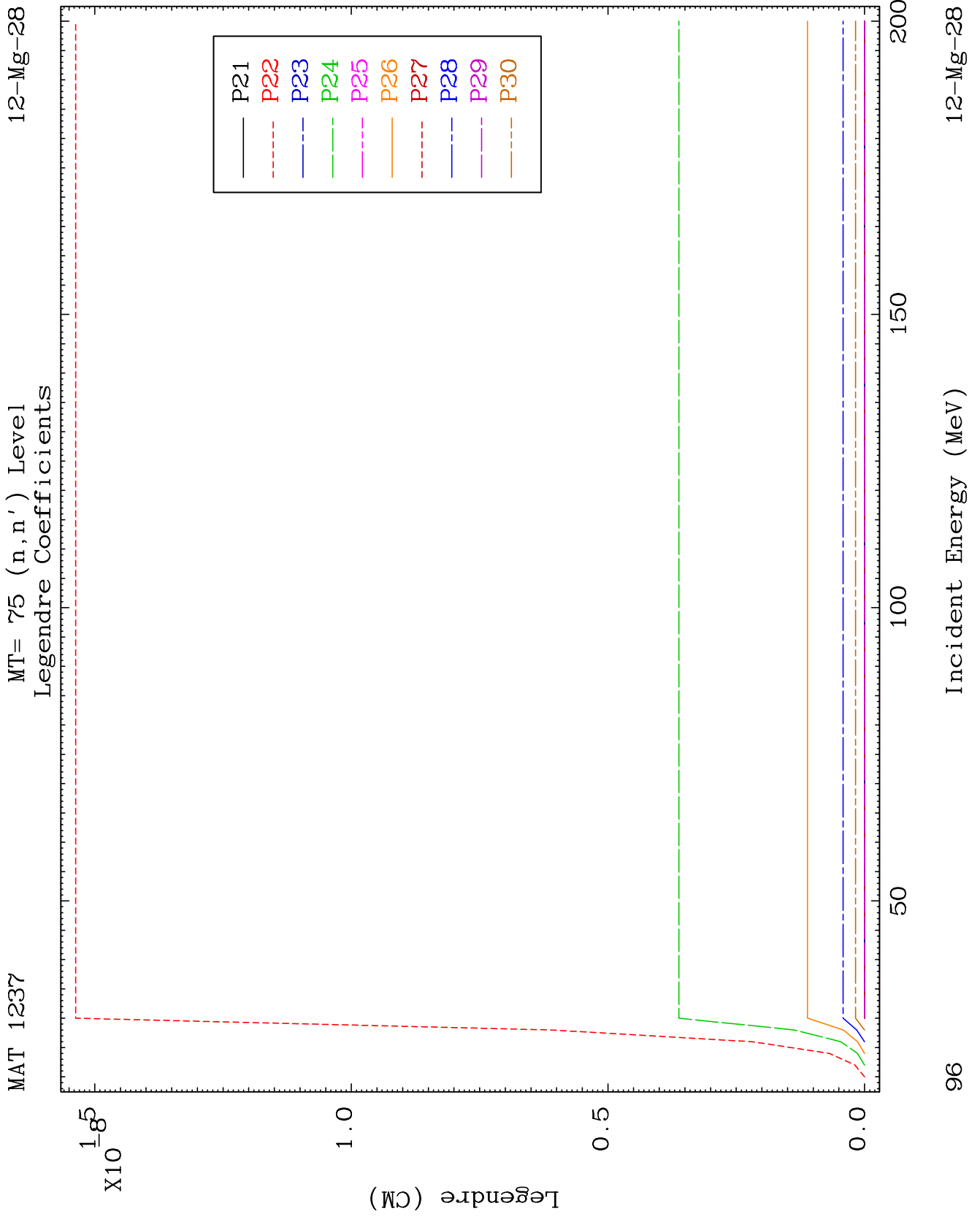


93







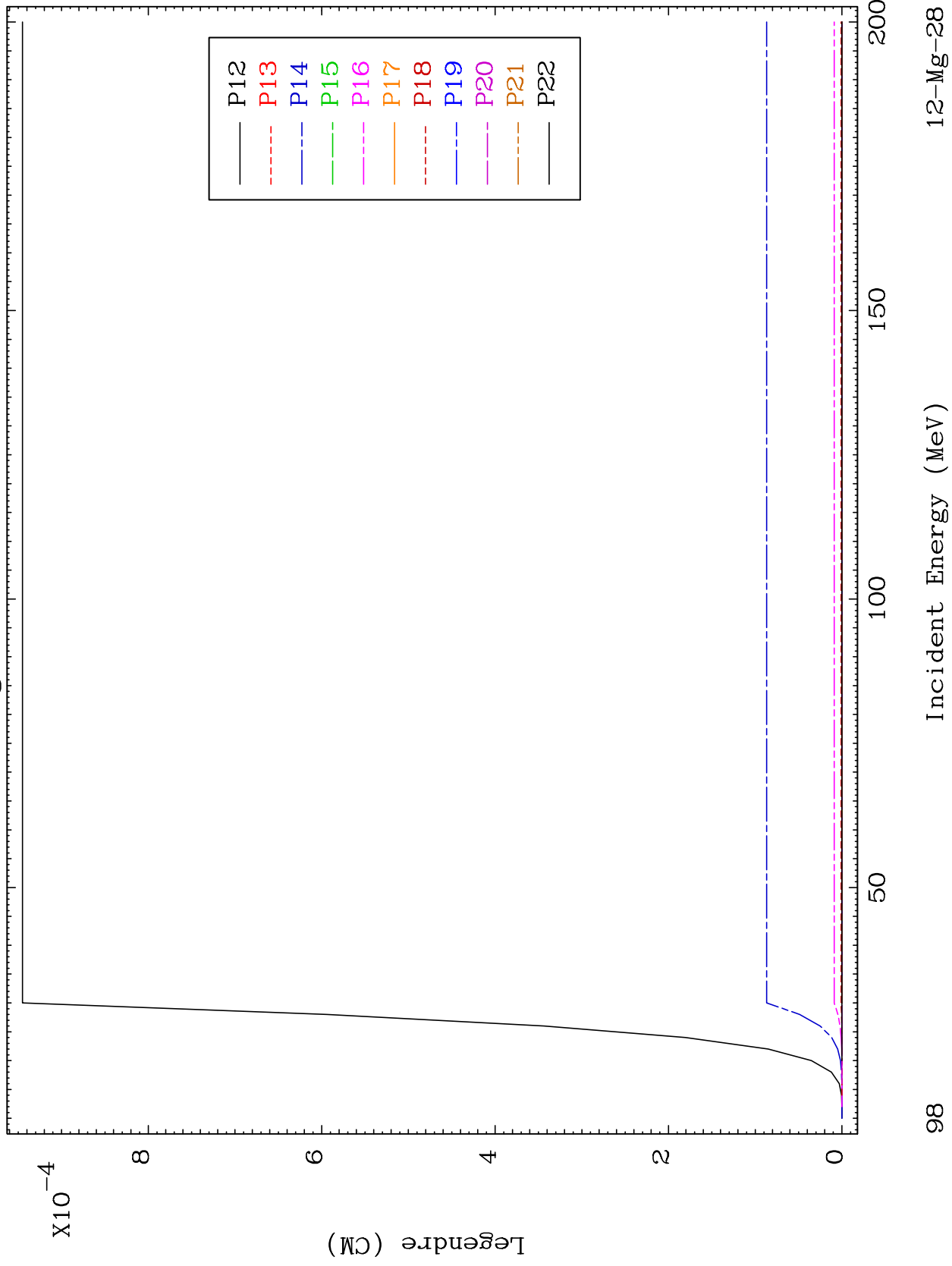




MAT 1237

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

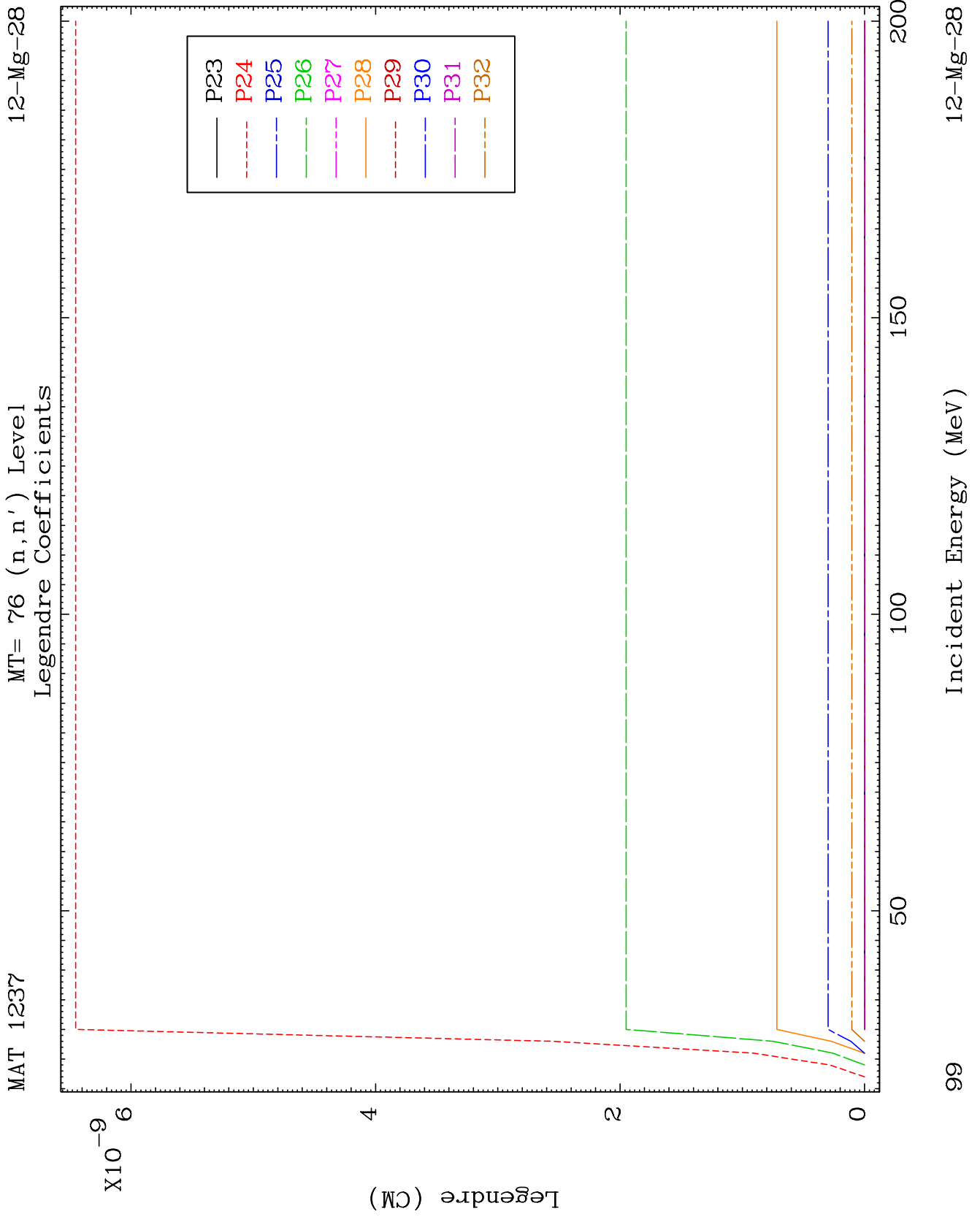
12-Mg-28

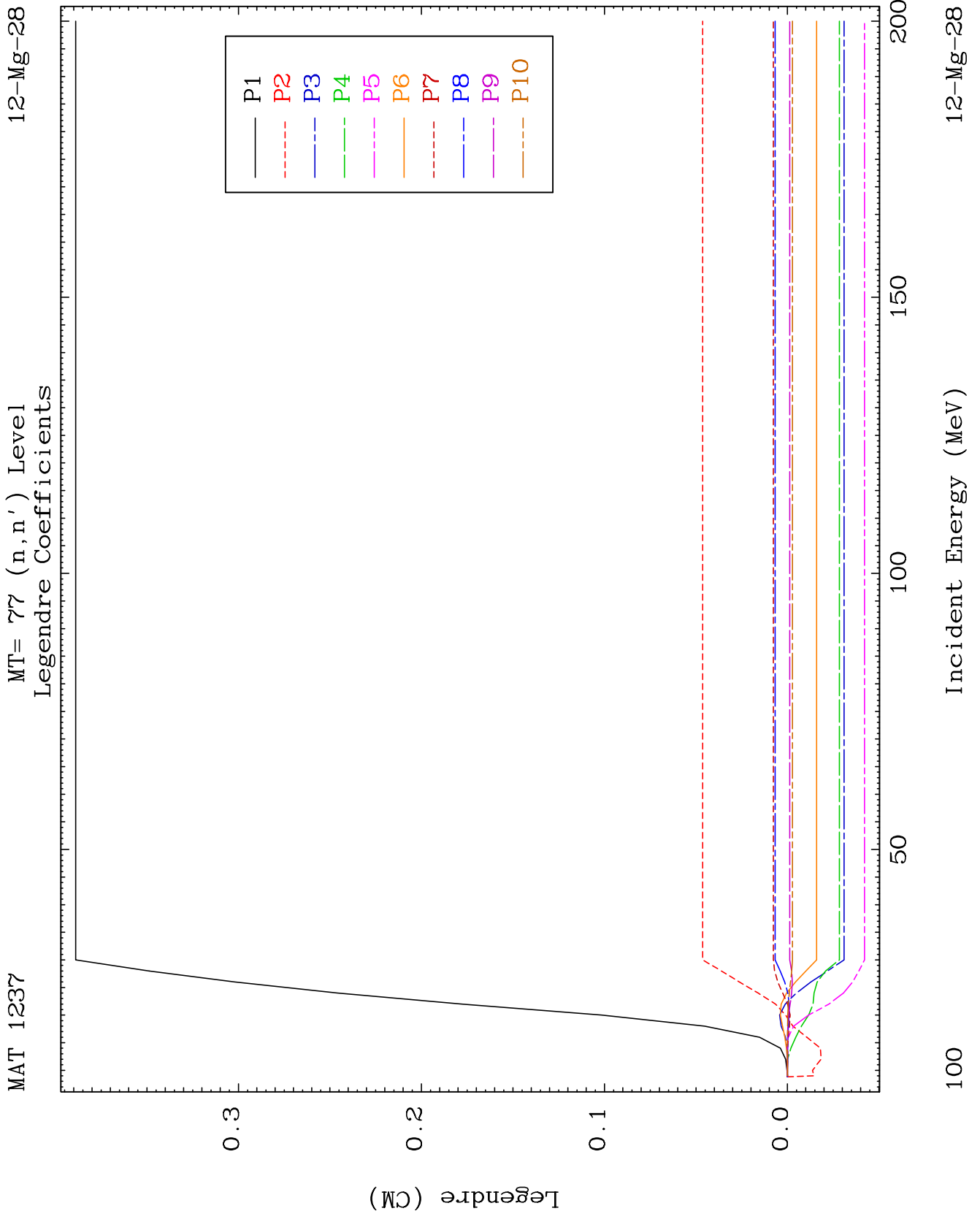


98

Incident Energy (MeV)

12-Mg-28



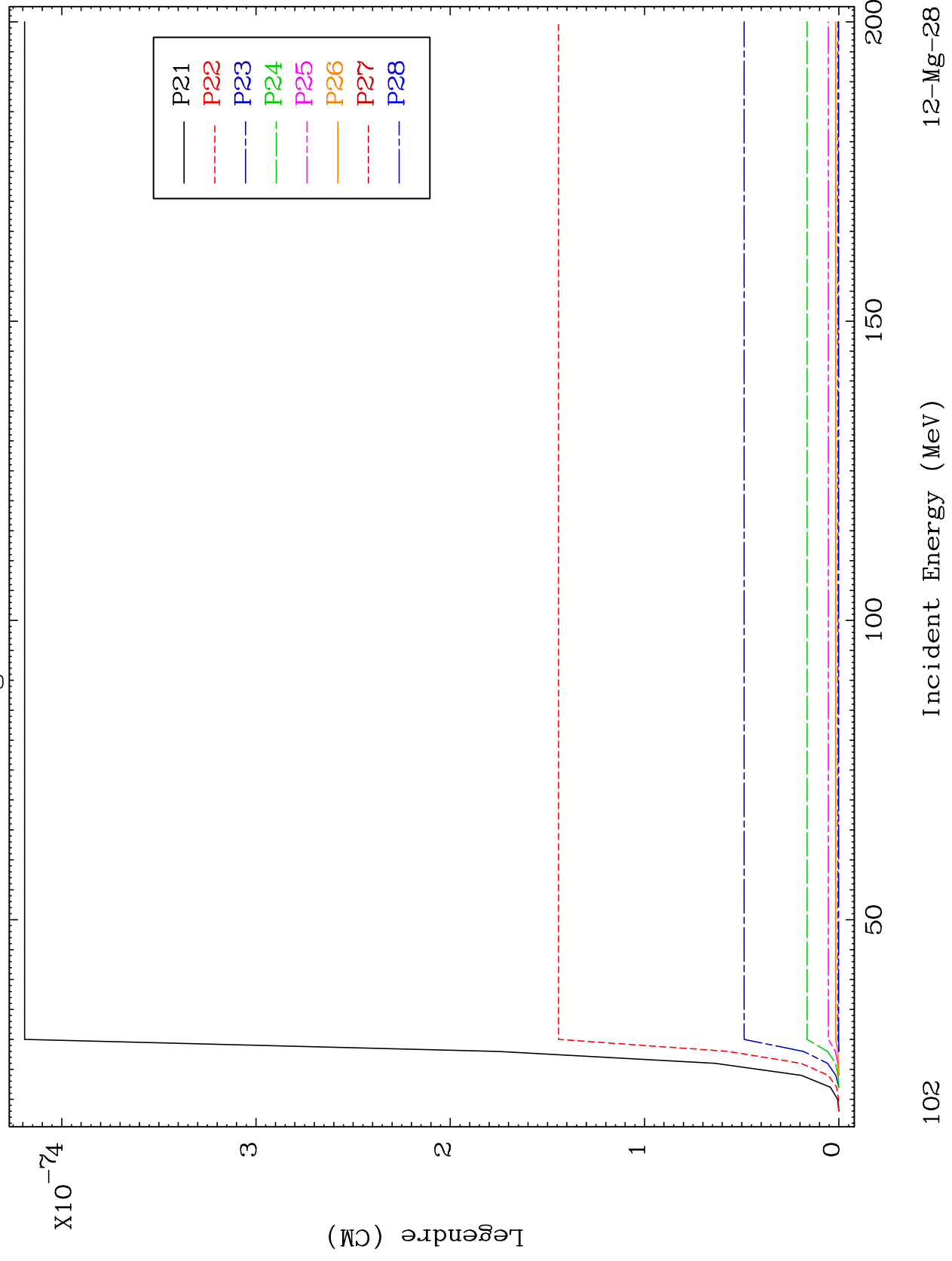




MAT 1237

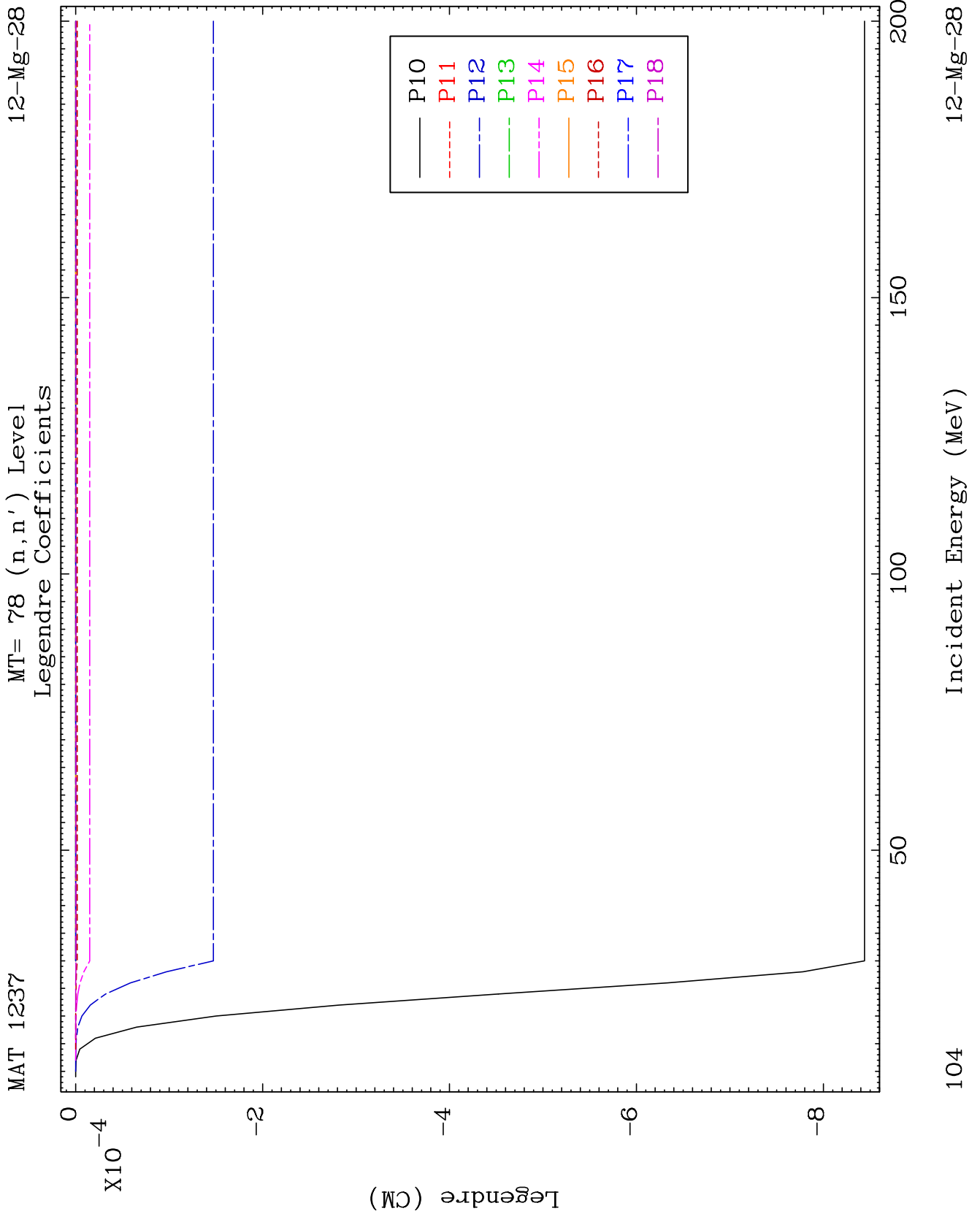
MT= 77 (n,n') Level  
Legendre Coefficients

12-Mg-28













MAT 1237

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

12-Mg-28

