

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

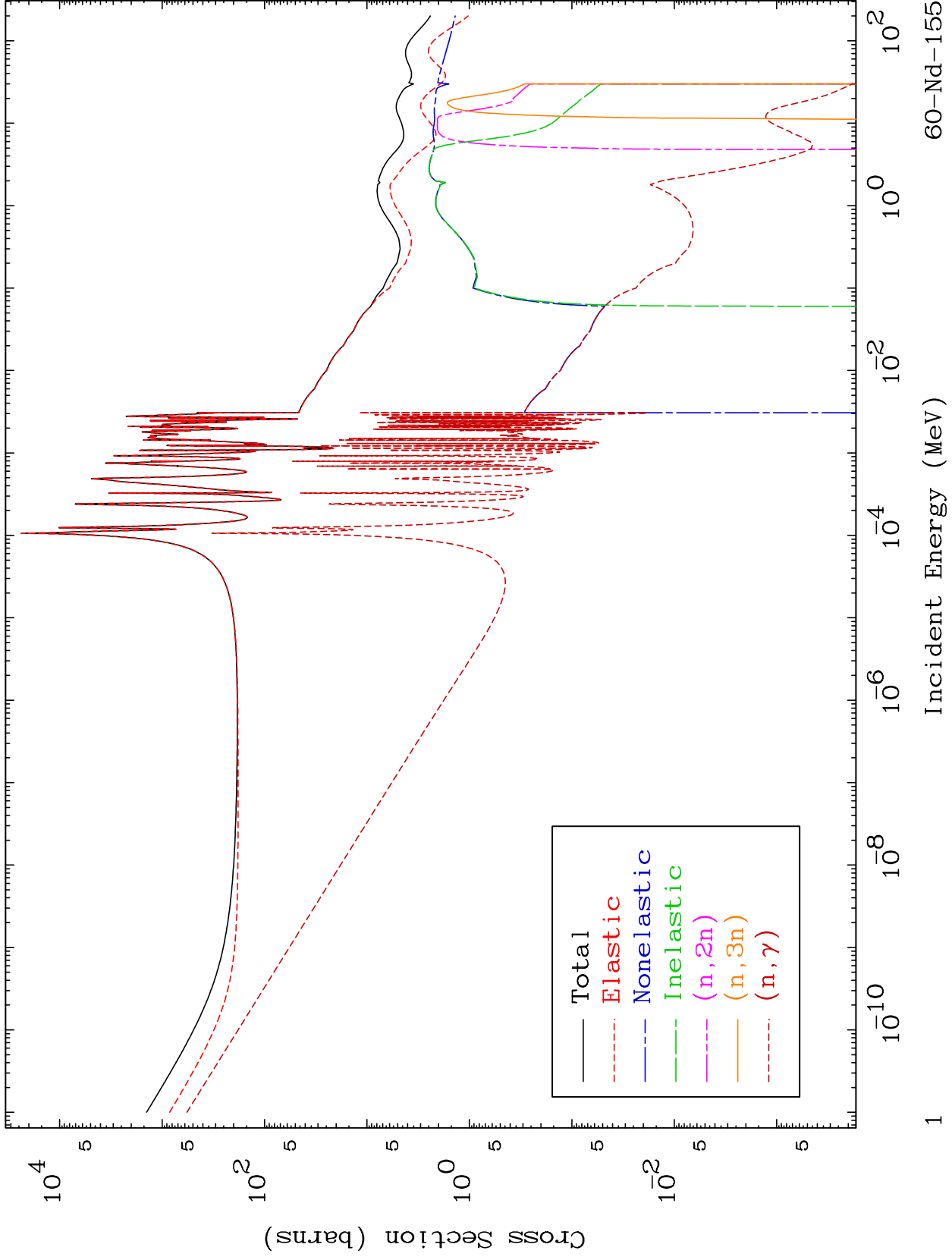
Web:redcullen1.net/HOMEPAGE.NEW

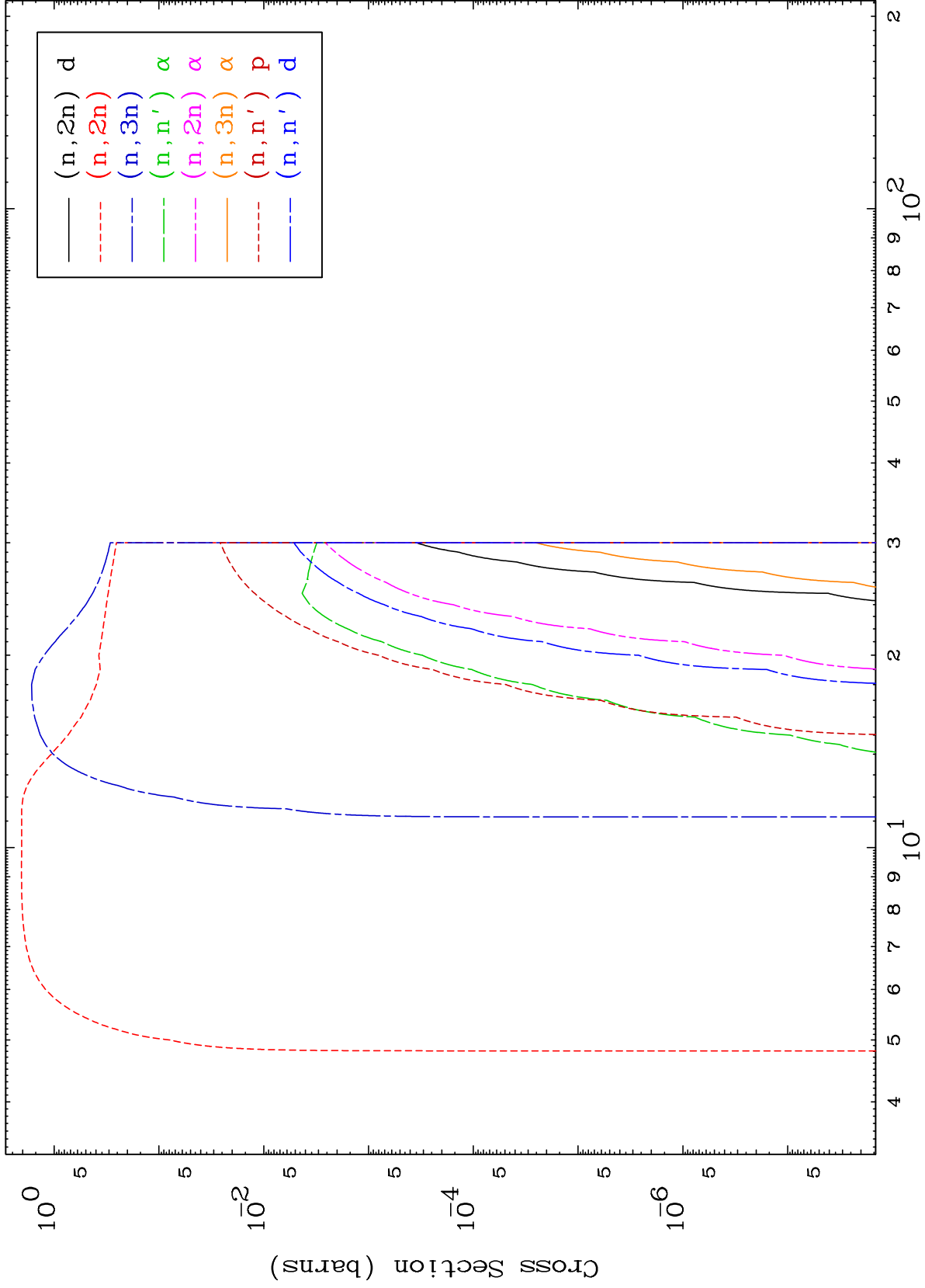
Press Mouse Button to Start

MAT 6064

Neutron Major  
293 Kelvin Cross Sections

60-Nd-155

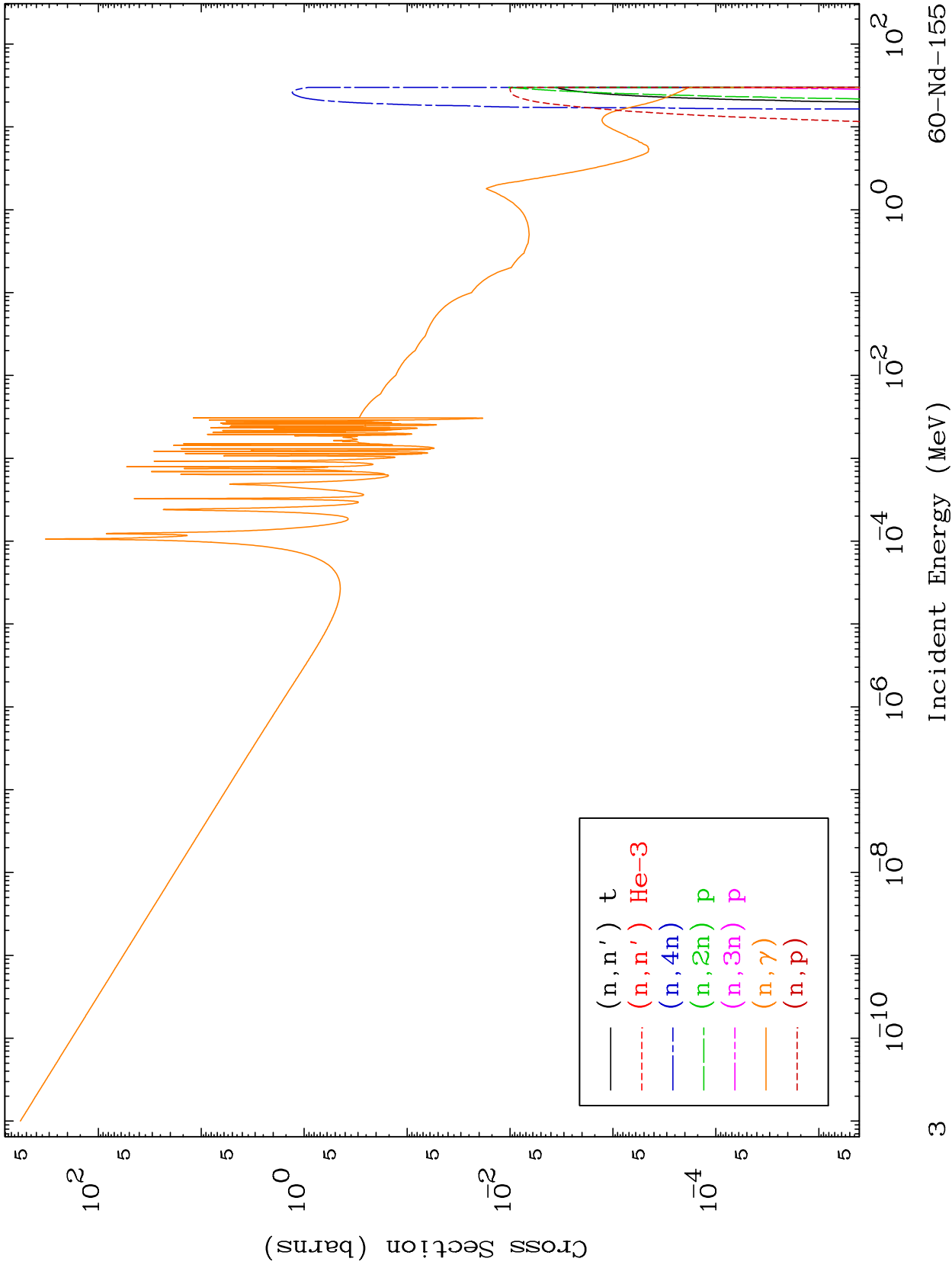




MAT 6064

Neutron Absorption  
293 Kelvin Cross Sections

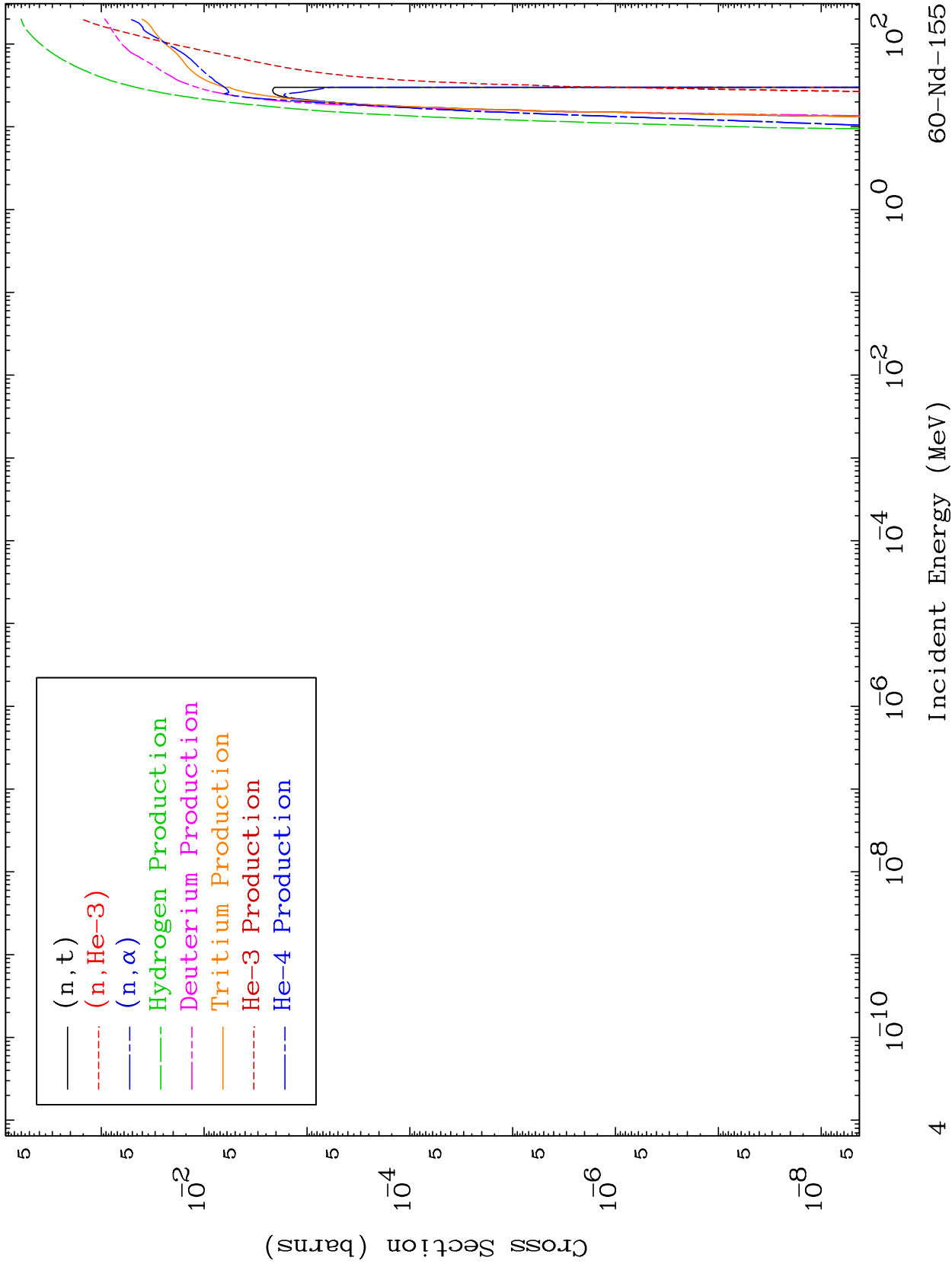
60-Nd-155

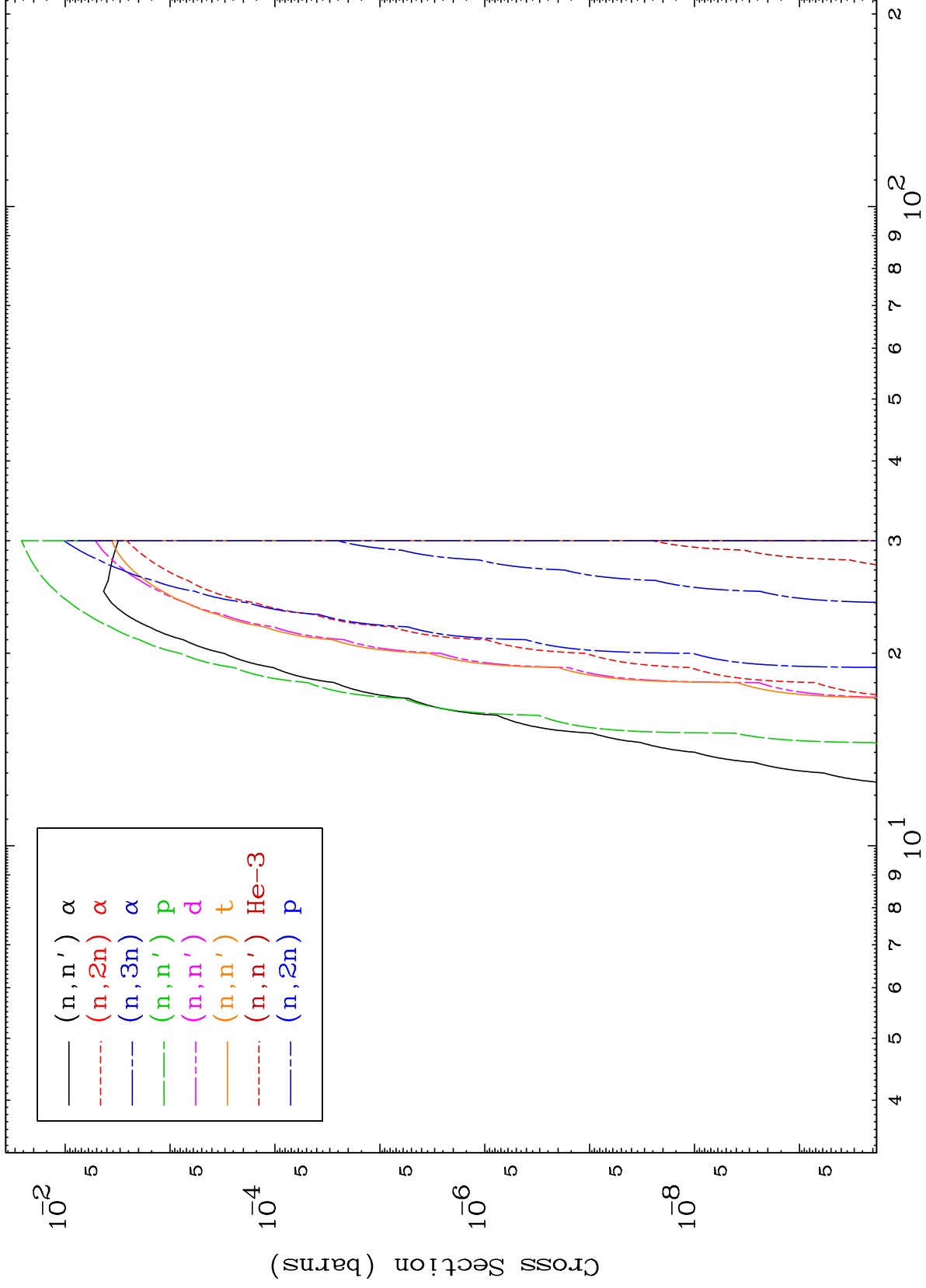


MAT 6064

Neutron Absorption  
293 Kelvin Cross Sections

60-Nd-155

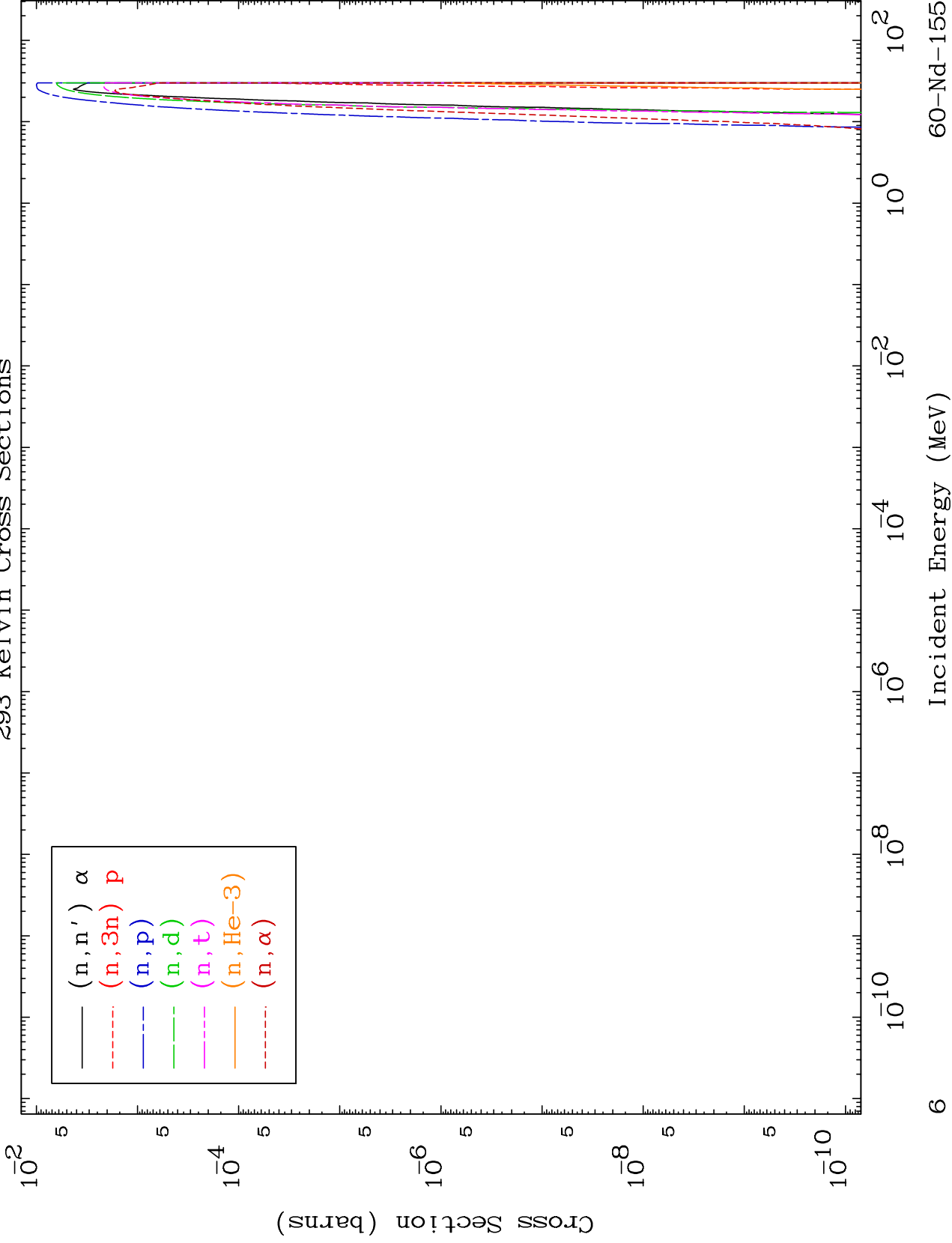




MAT 6064

Charged Particle  
293 Kelvin Cross Sections

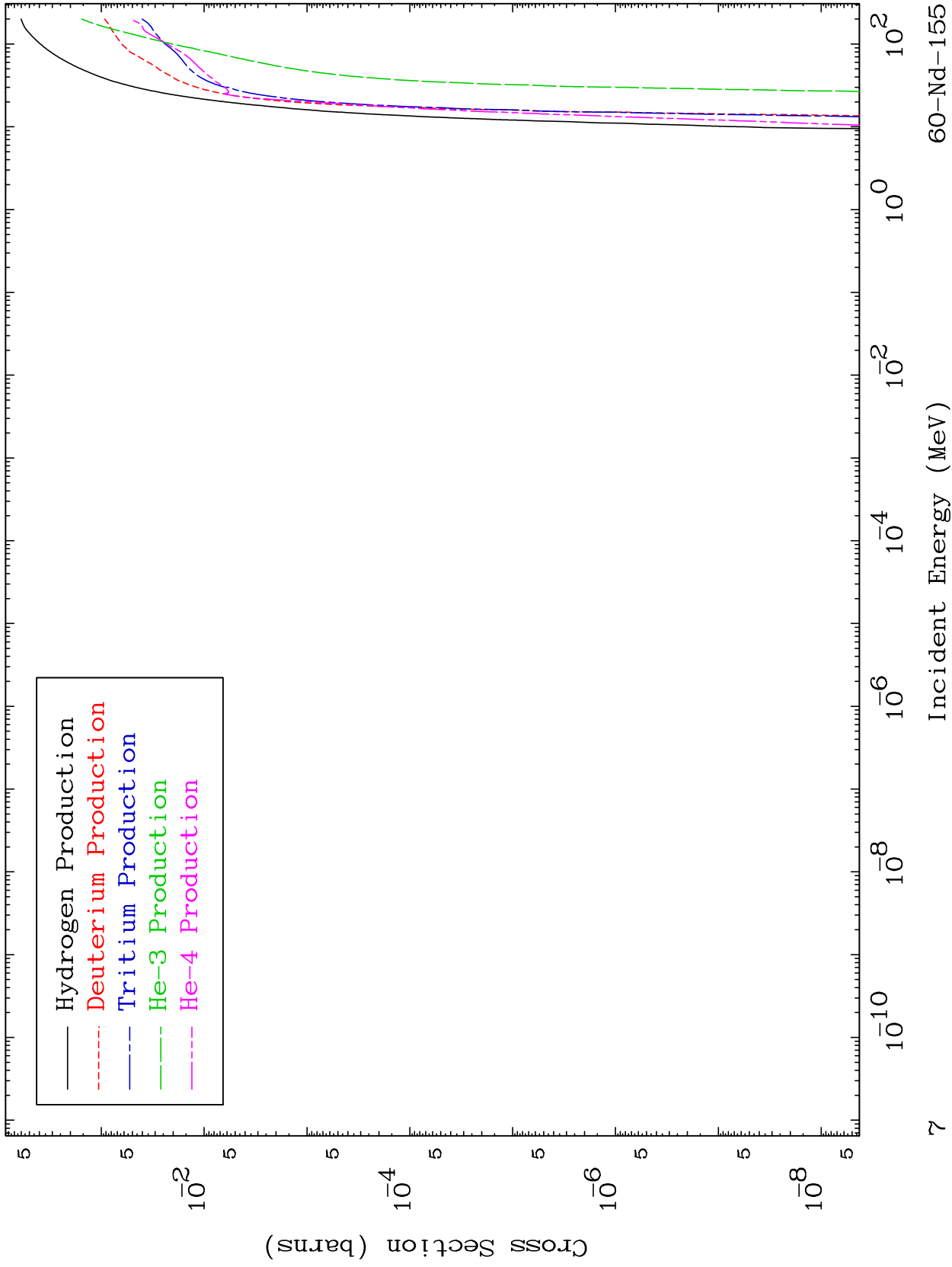
60-Nd-155



MAT 6064

Particle Production  
293 Kelvin Cross Sections

60-Nd-155

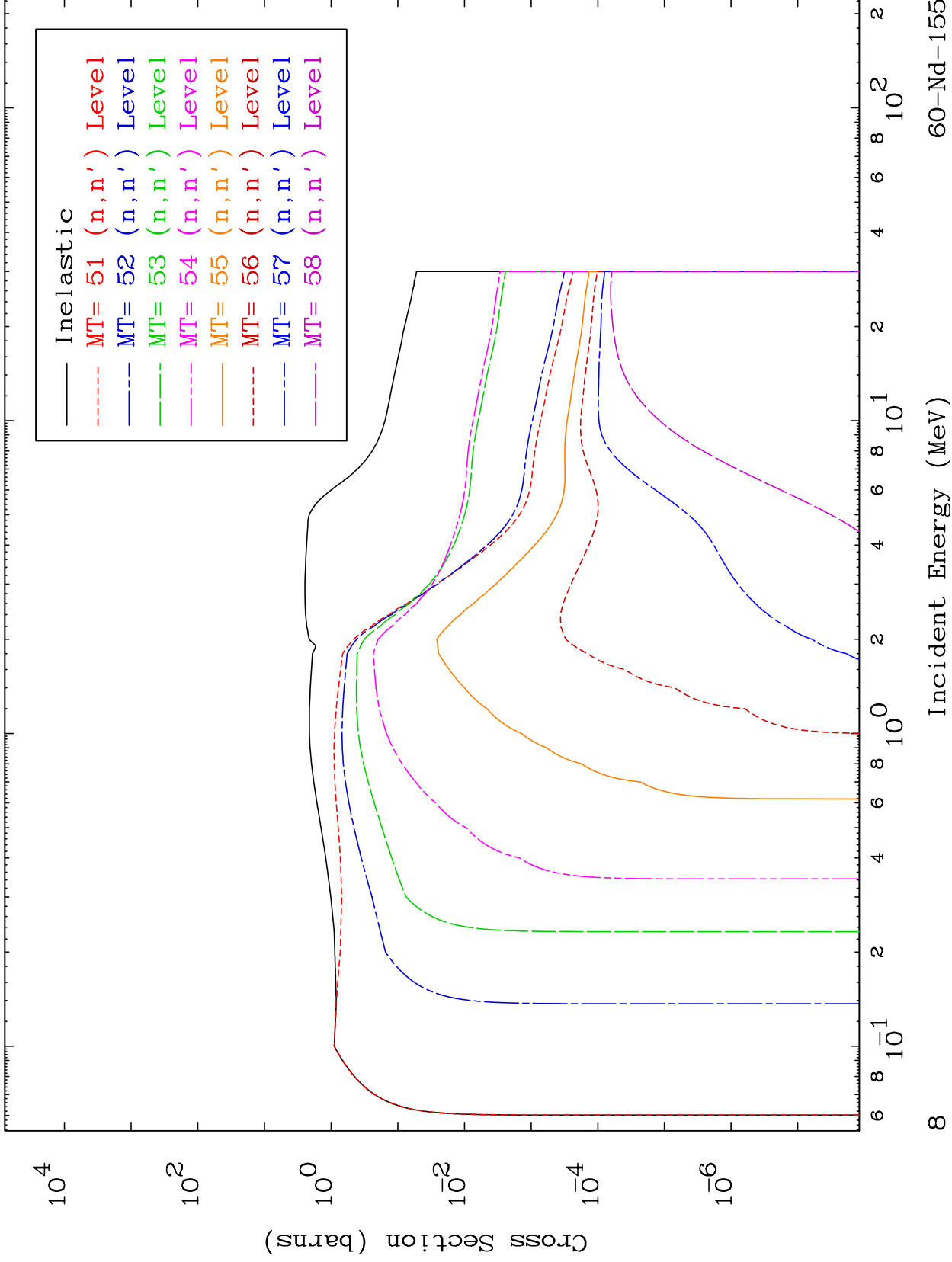


MAT 6064

(n,n') Levels

60-Nd-155

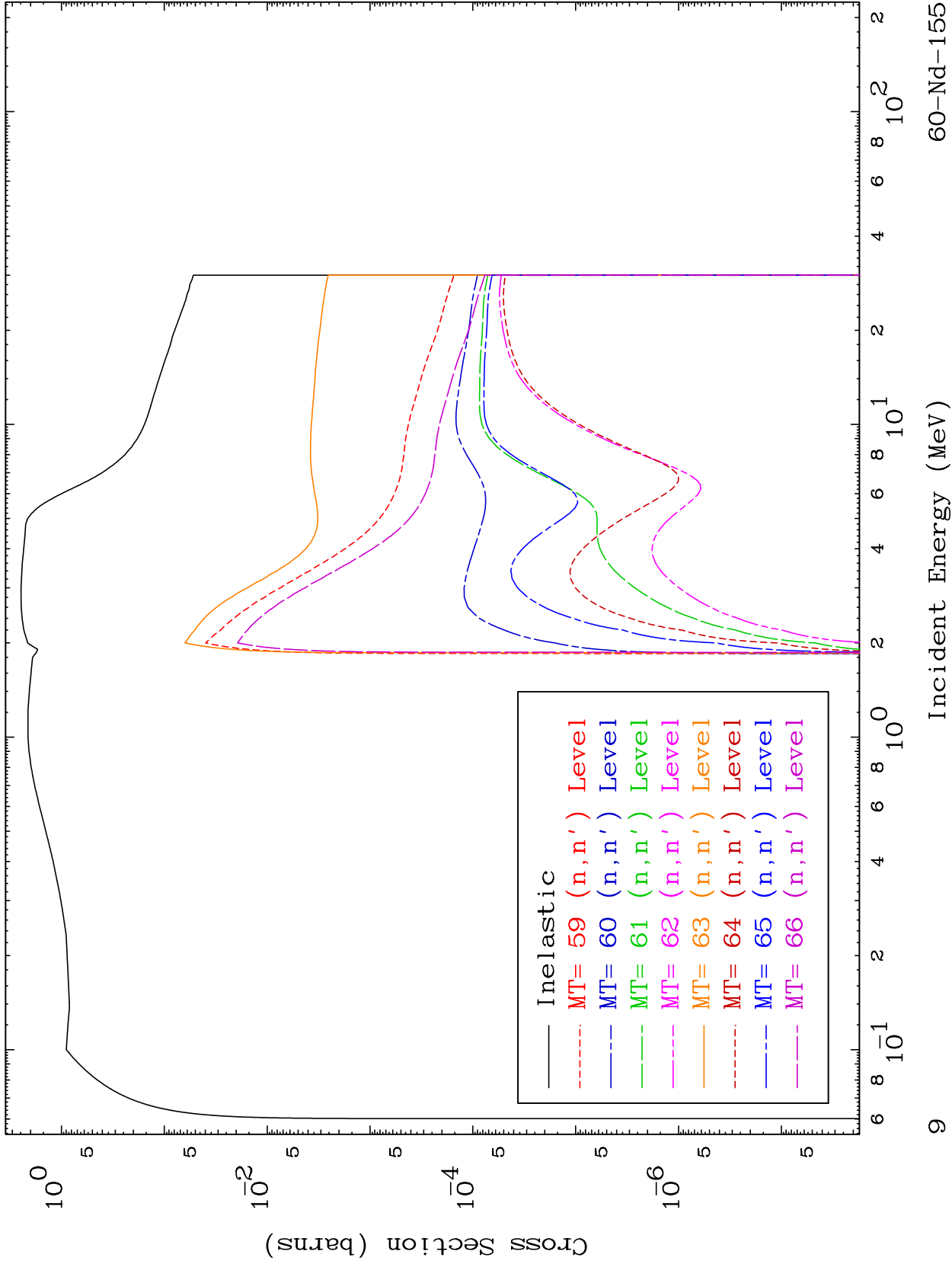
293 Kelvin Cross Sections



MAT 6064

(n,n') Levels  
293 Kelvin Cross Sections

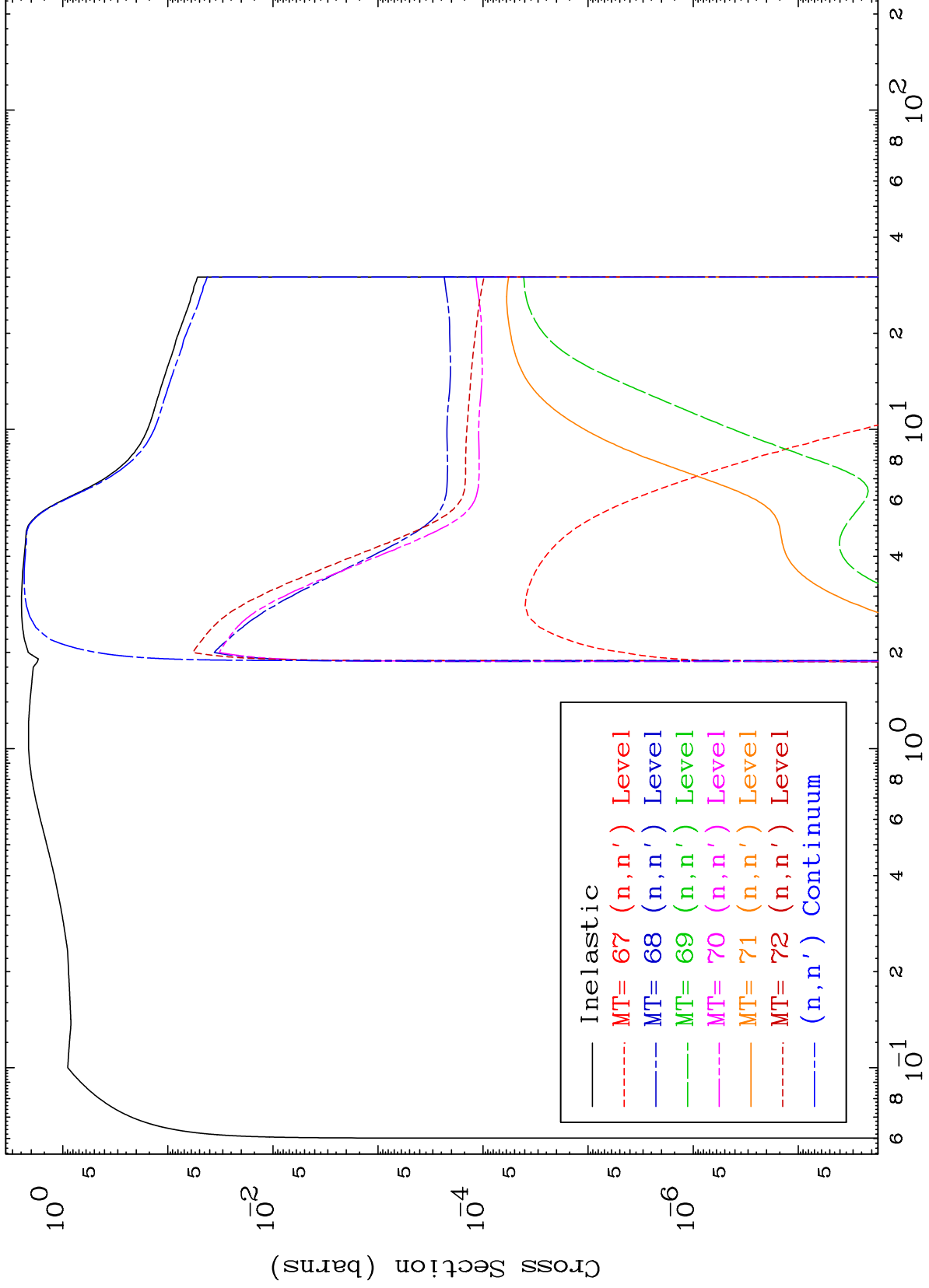
60-Nd-155



MAT 6064

(n,n') Levels  
293 Kelvin Cross Sections

60-Nd-155



10

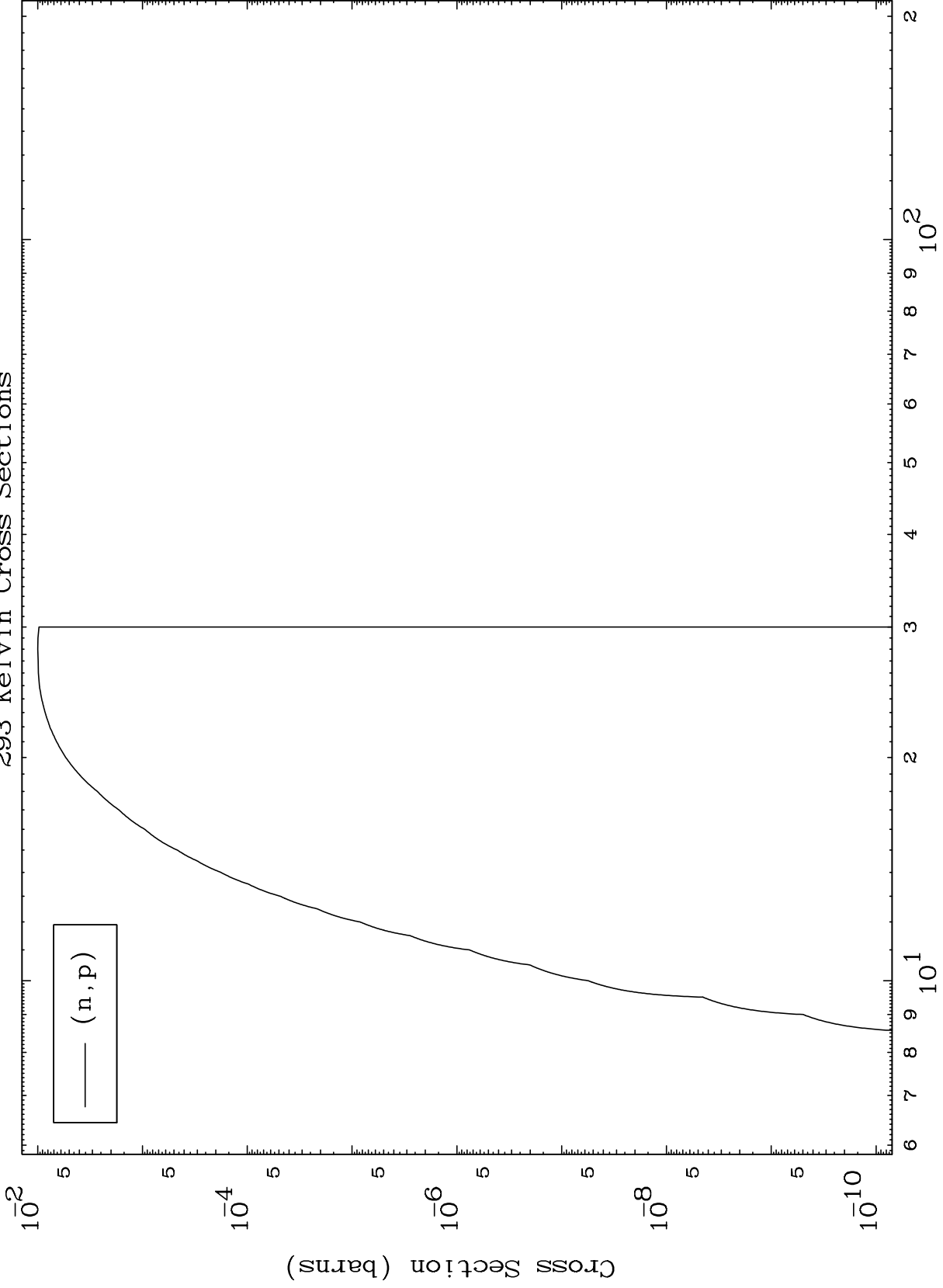
Incident Energy (MeV)

60-Nd-155

MAT 6064

(n,p) Levels  
293 Kelvin Cross Sections

60-Nd-155



11

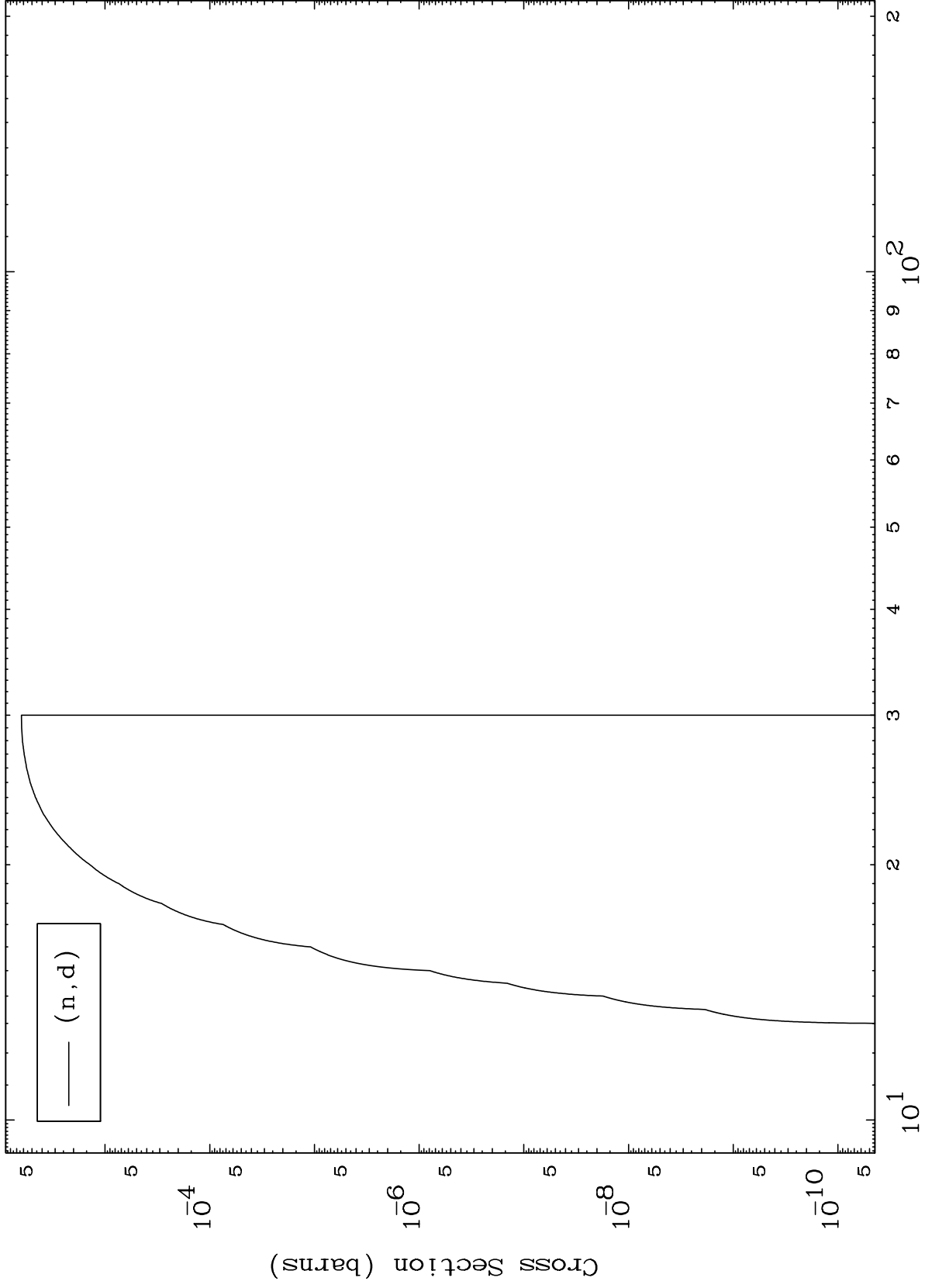
Incident Energy (MeV)

60-Nd-155

MAT 6064

(n,d) Levels  
293 Kelvin Cross Sections

60-Nd-155



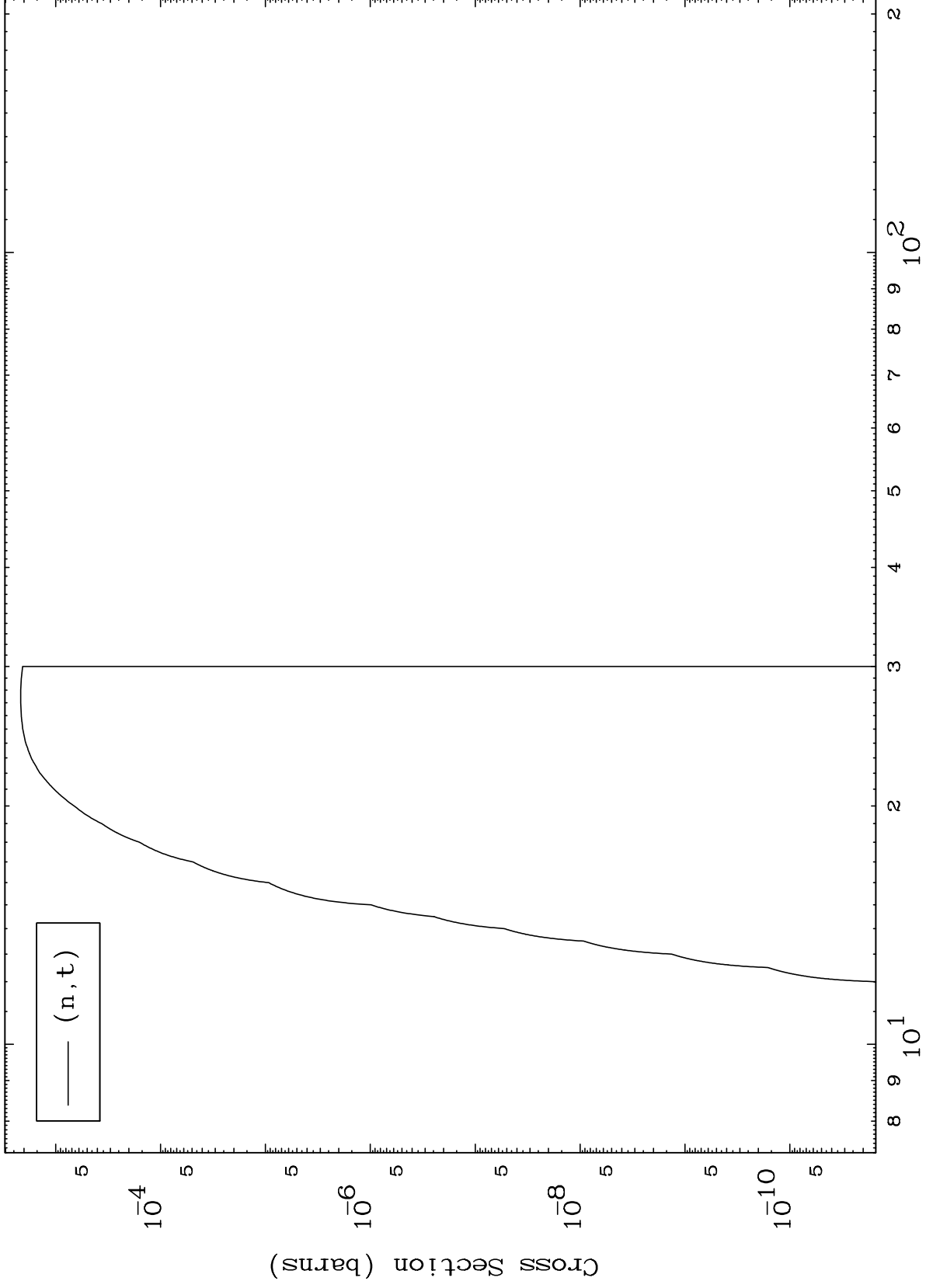
Incident Energy (MeV)

60-Nd-155

MAT 6064

(n,t) Levels  
293 Kelvin Cross Sections

60-Nd-155



13

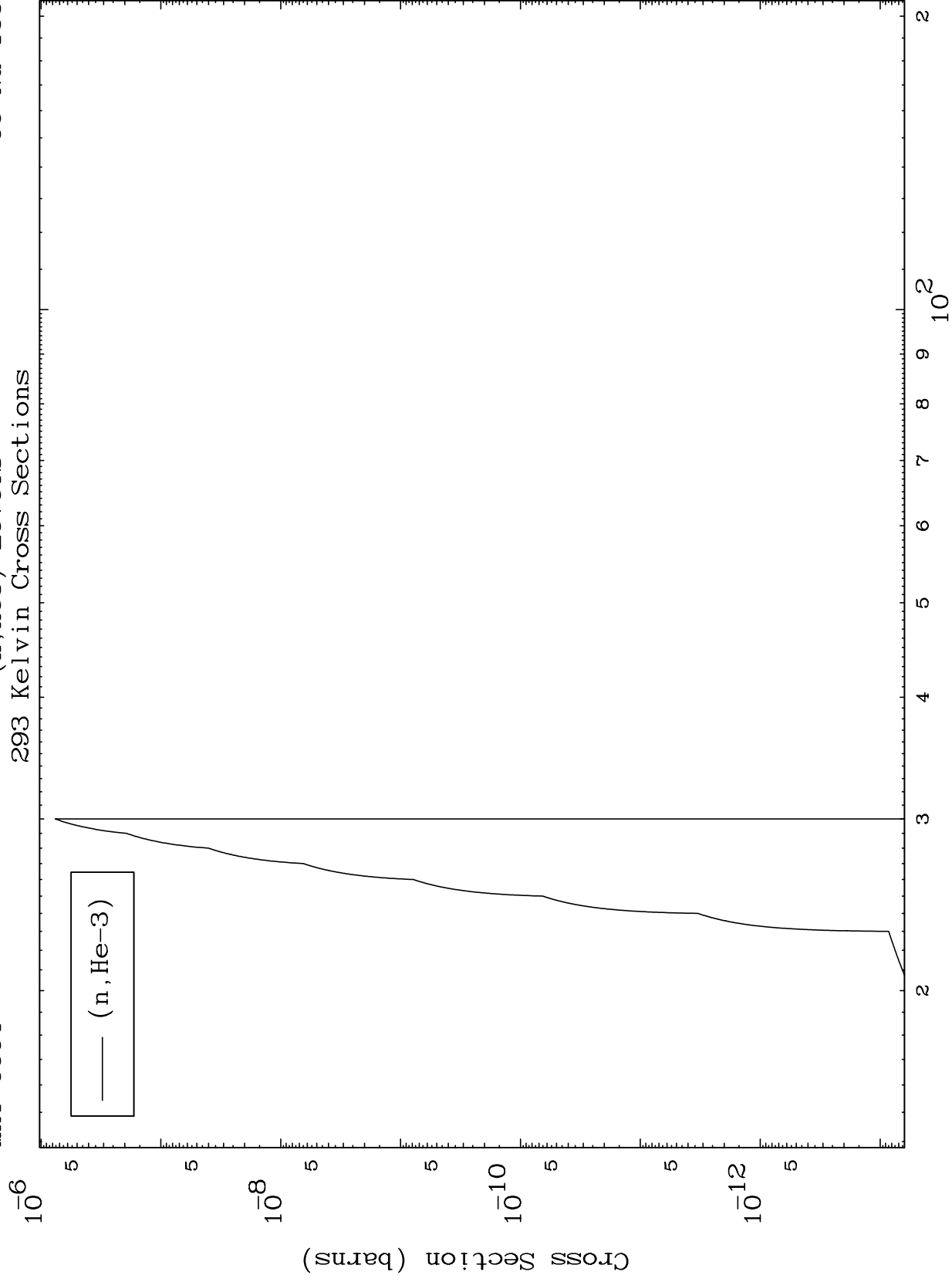
Incident Energy (MeV)

60-Nd-155

MAT 6064

(n,He3) Levels  
293 Kelvin Cross Sections

60-Nd-155



14

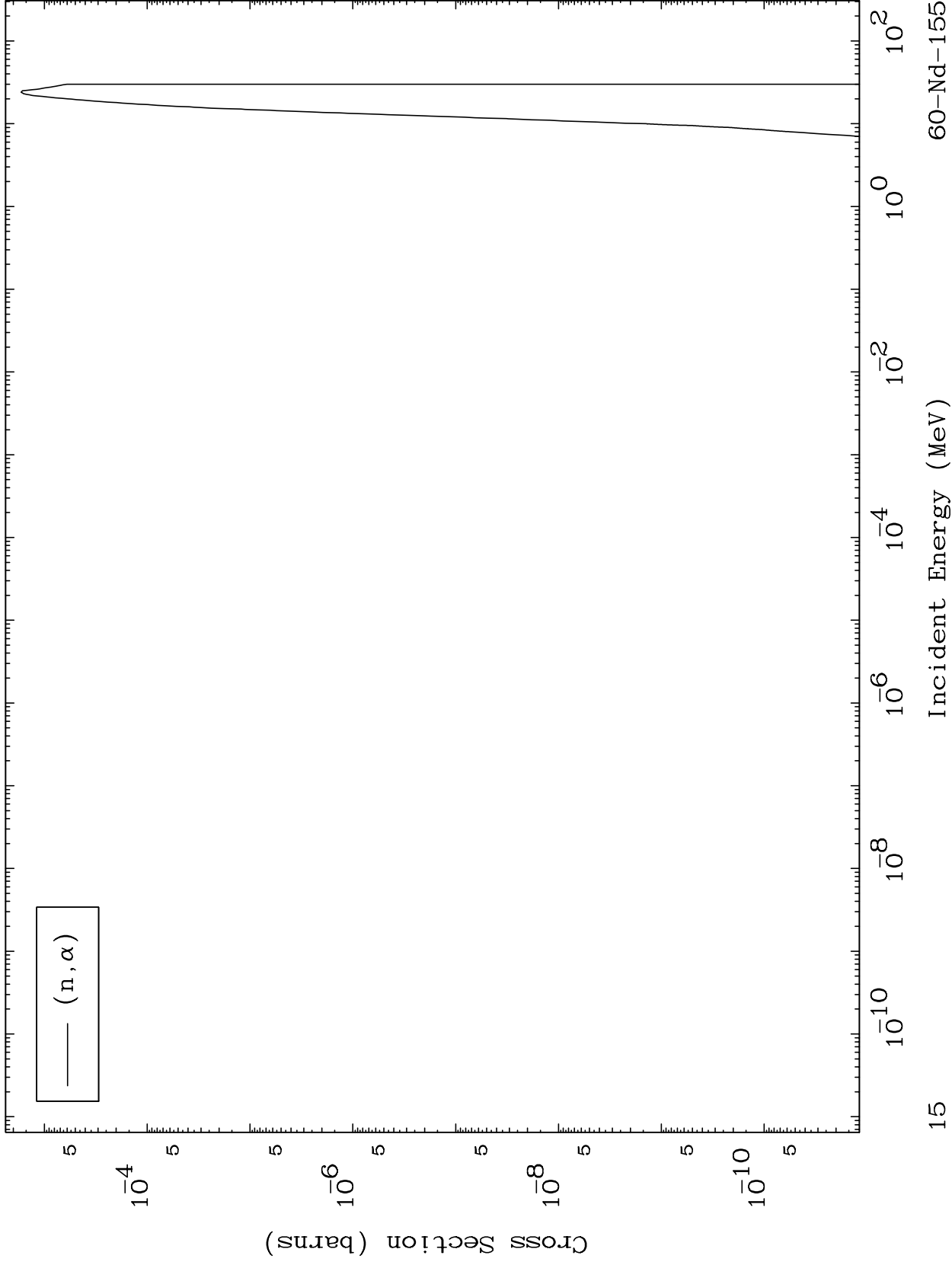
Incident Energy (MeV)

60-Nd-155

MAT 6064

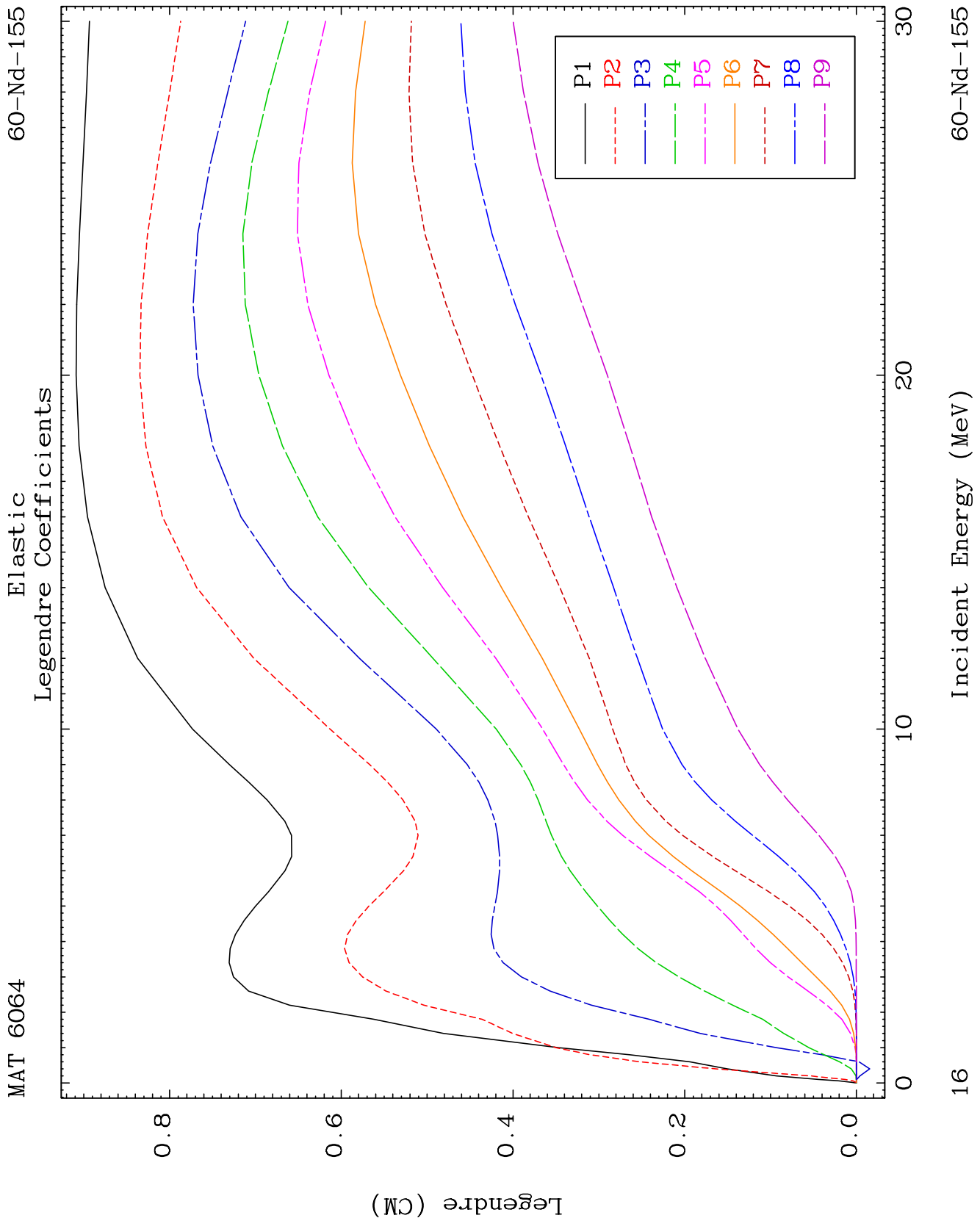
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

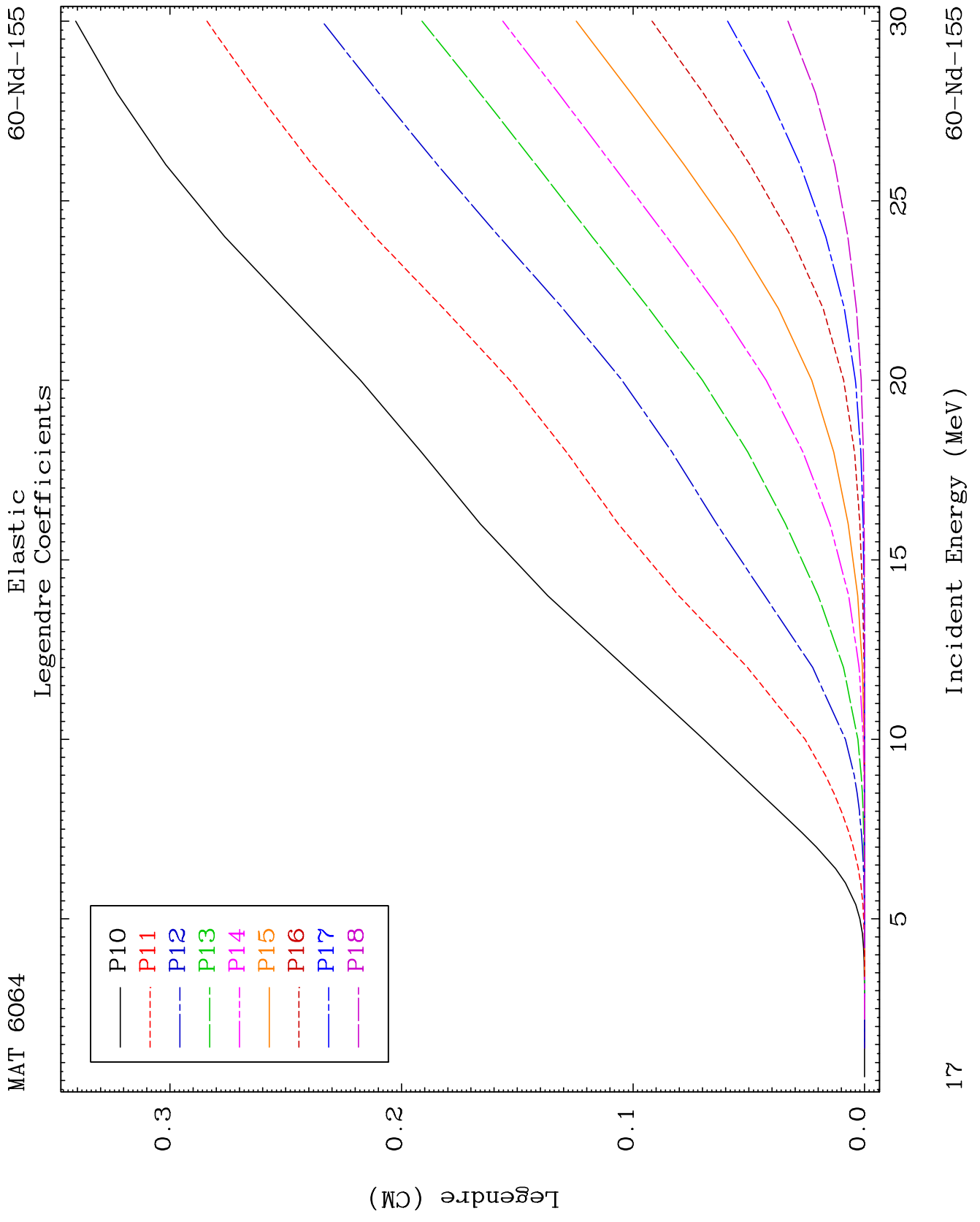
60-Nd-155



15

60-Nd-155

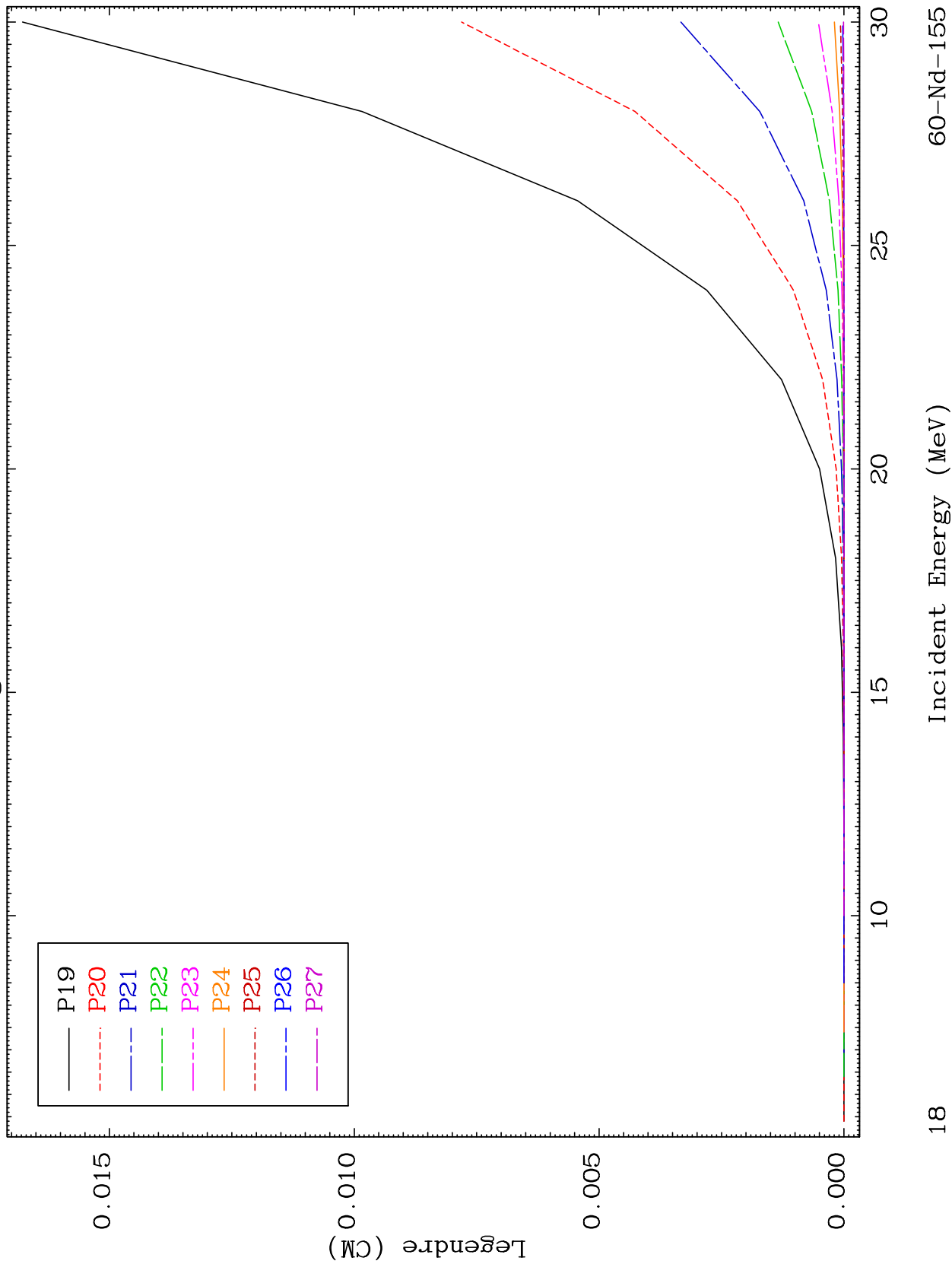




MAT 6064

### Elastic Legendre Coefficients

60-Nd-155



18

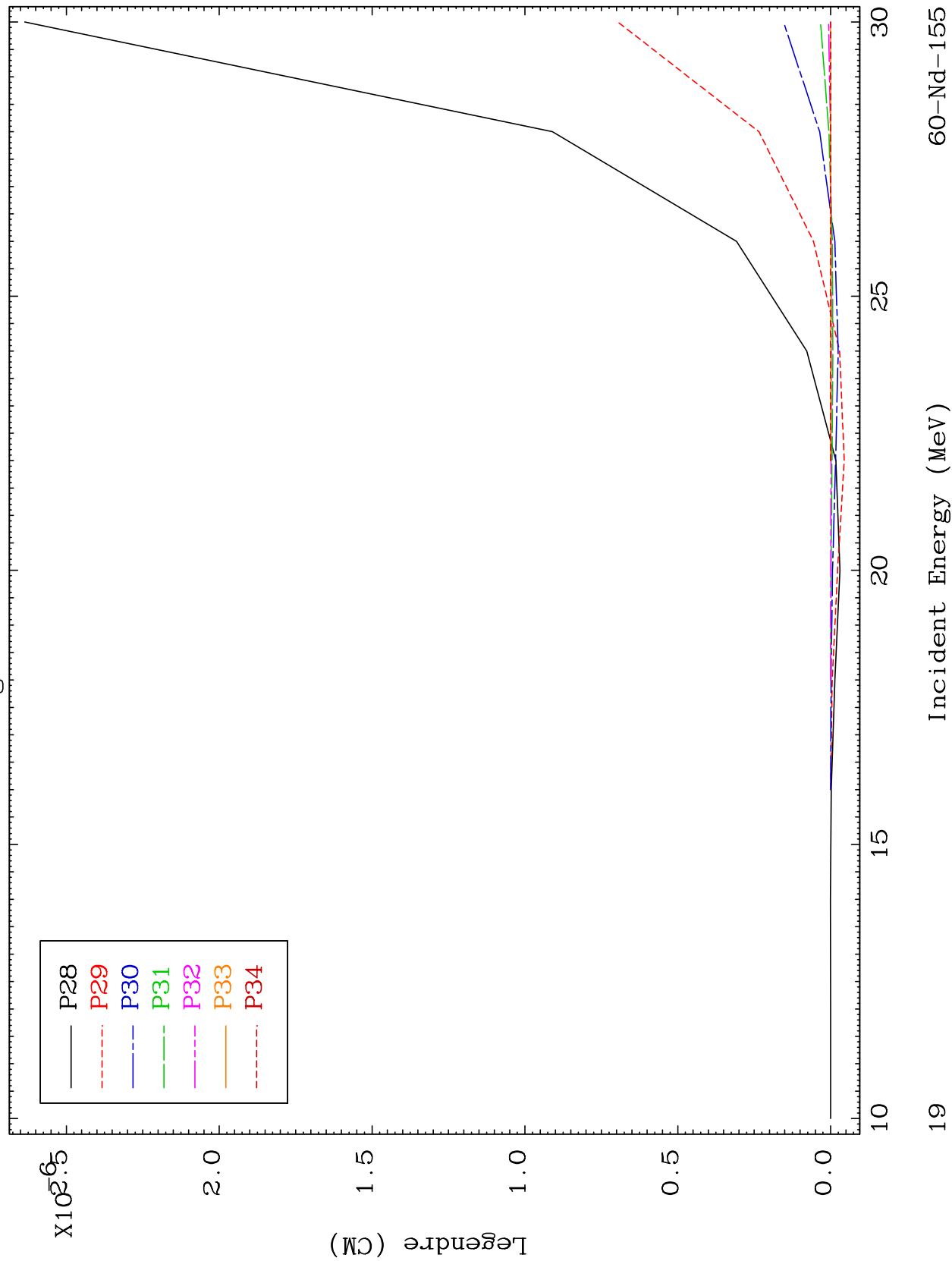
Incident Energy (MeV)

60-Nd-155

MAT 6064

Elastic  
Legendre Coefficients

60-Nd-155



19

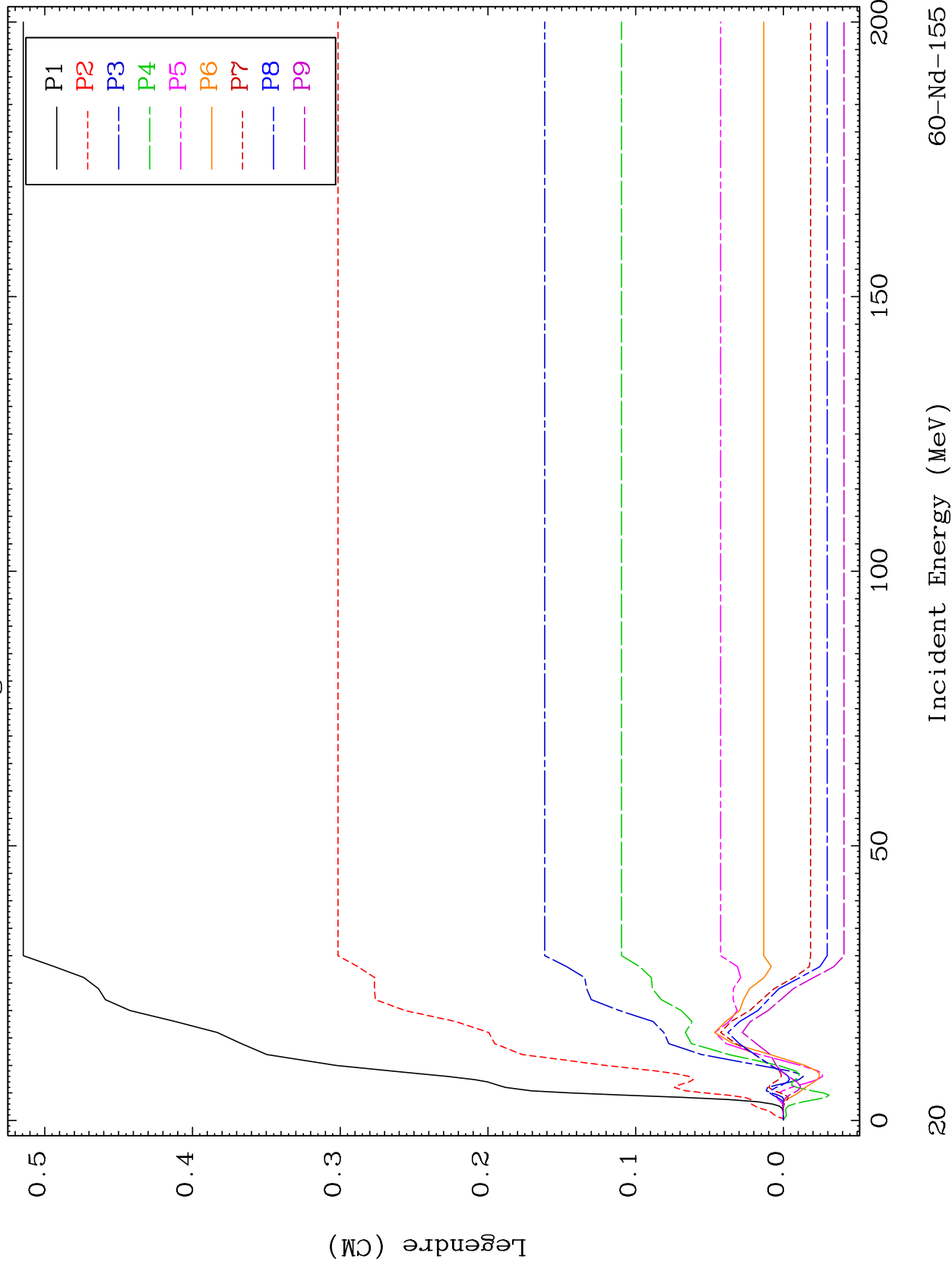
Incident Energy (MeV)

60-Nd-155

MAT 6064

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

60-Nd-155

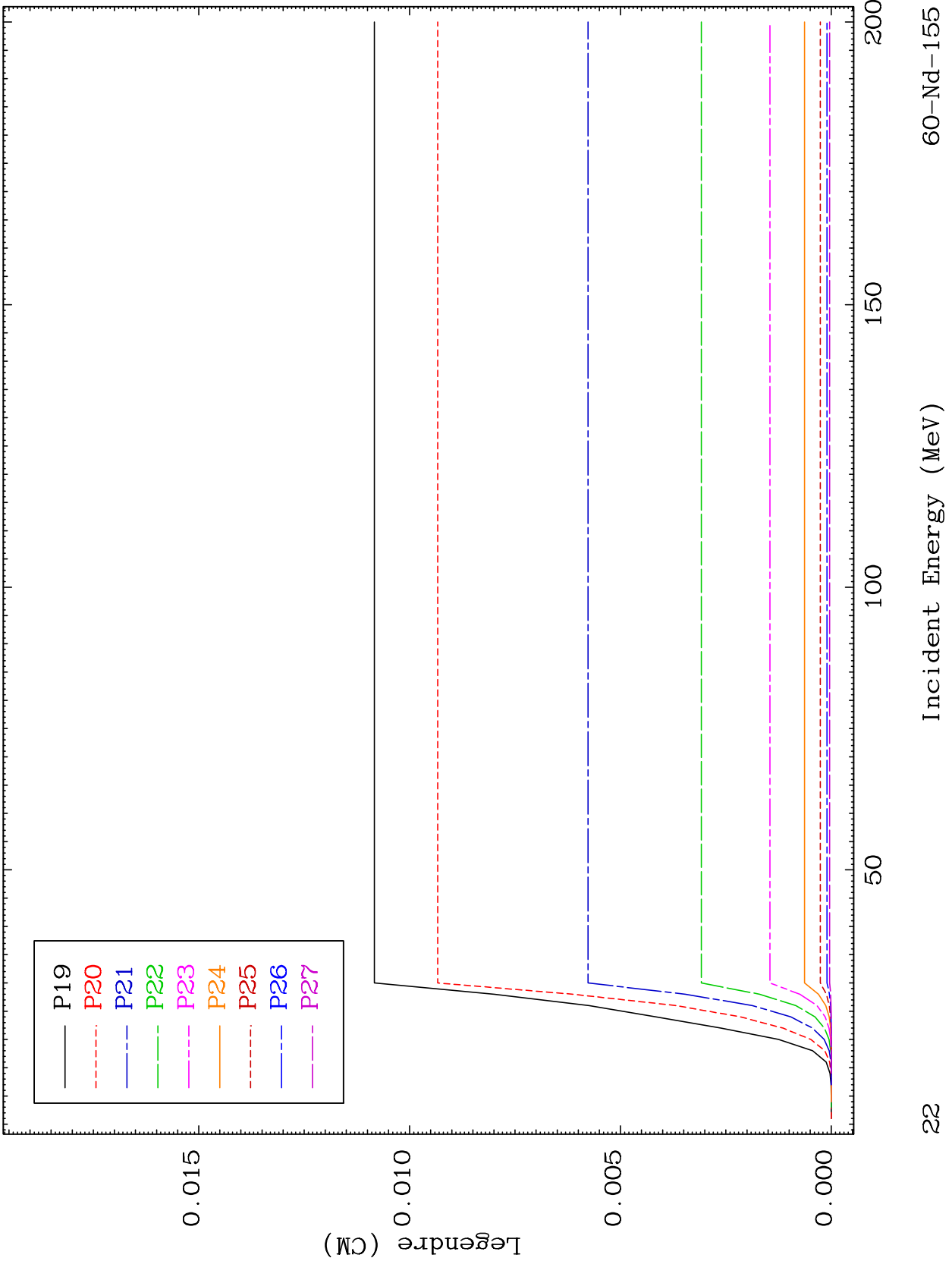




MAT 6064

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

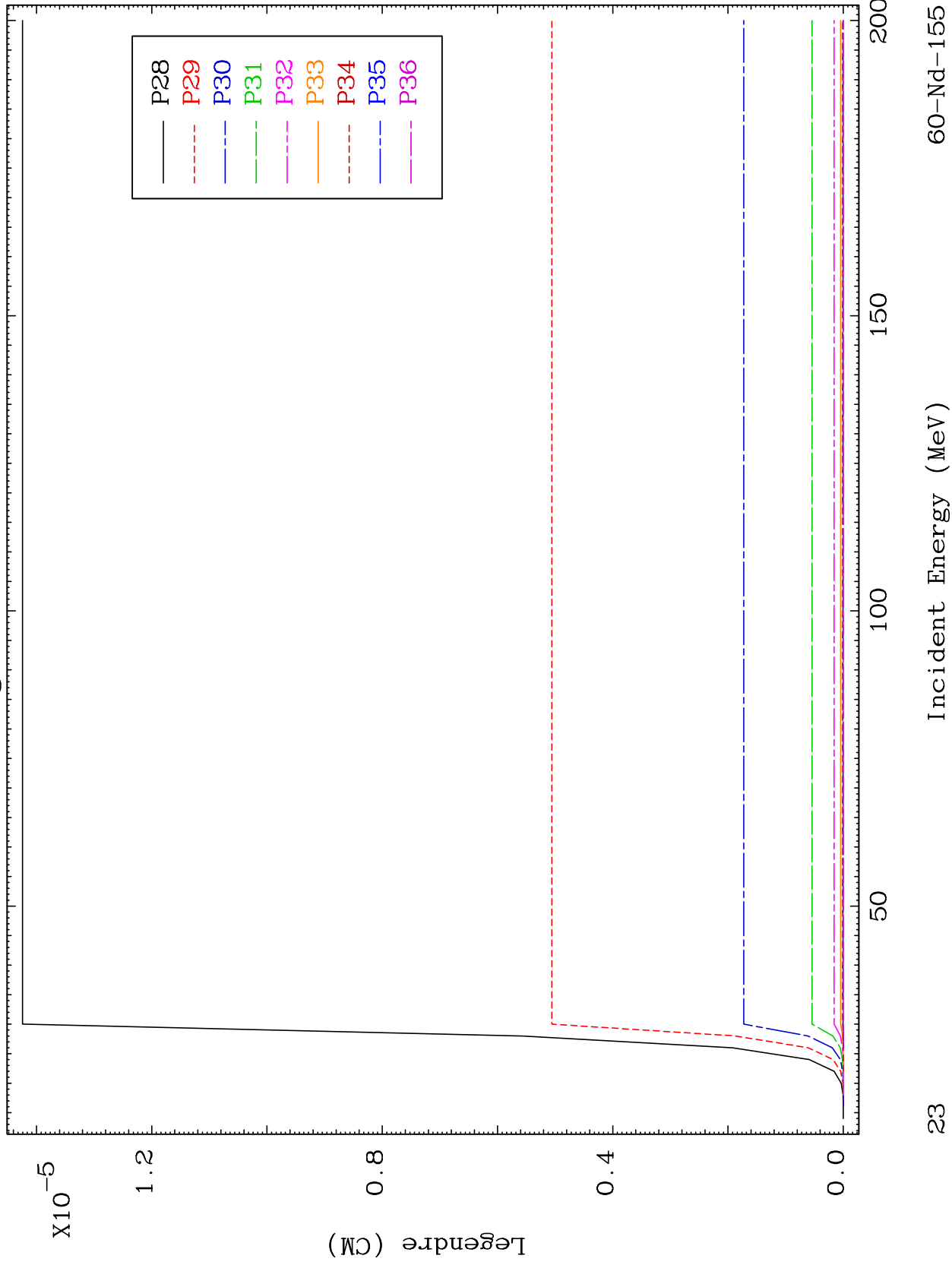
60-Nd-155



MAT 6064

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

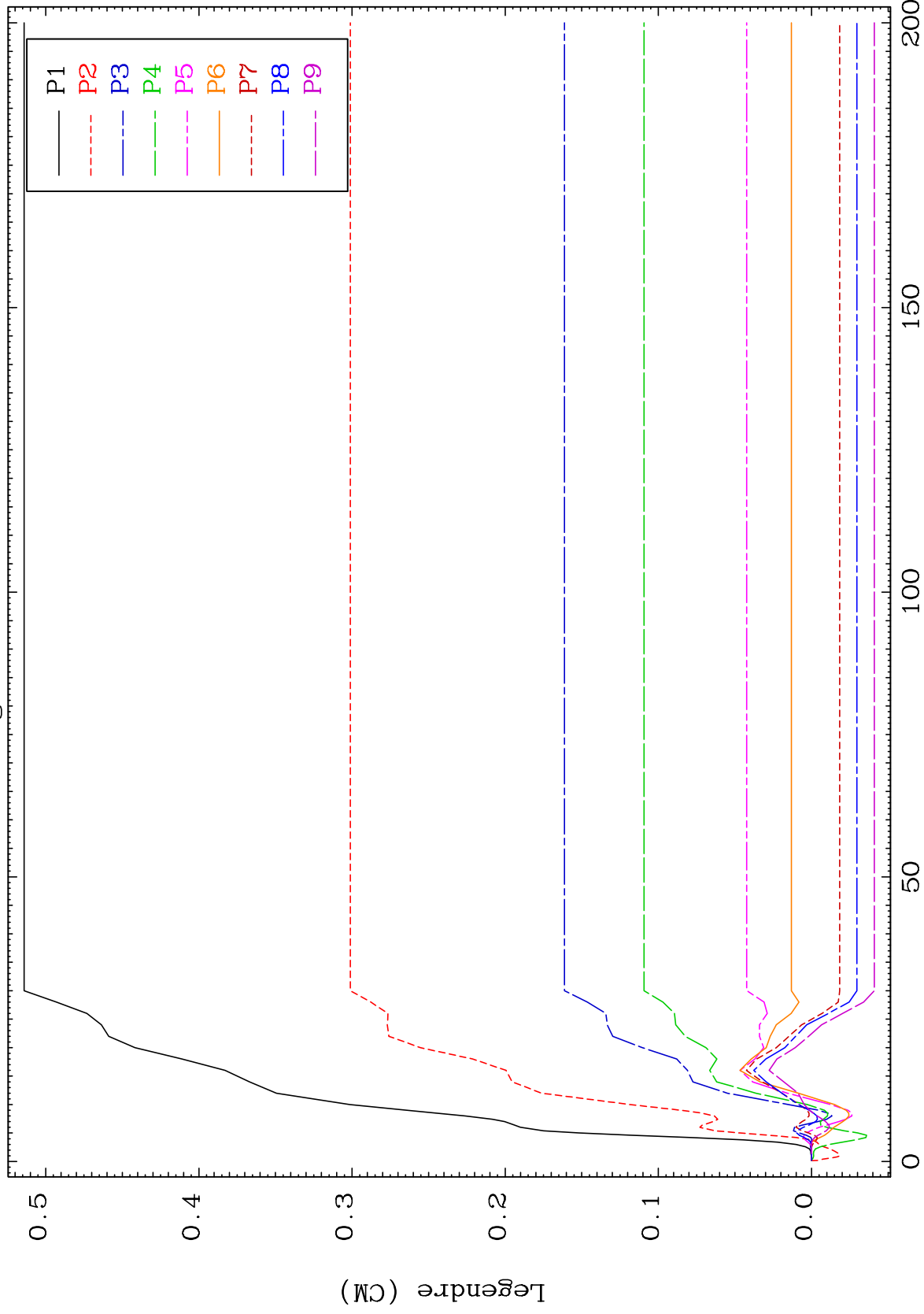
60-Nd-155



MAT 6064

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

60-Nd-155



24

Incident Energy (MeV)

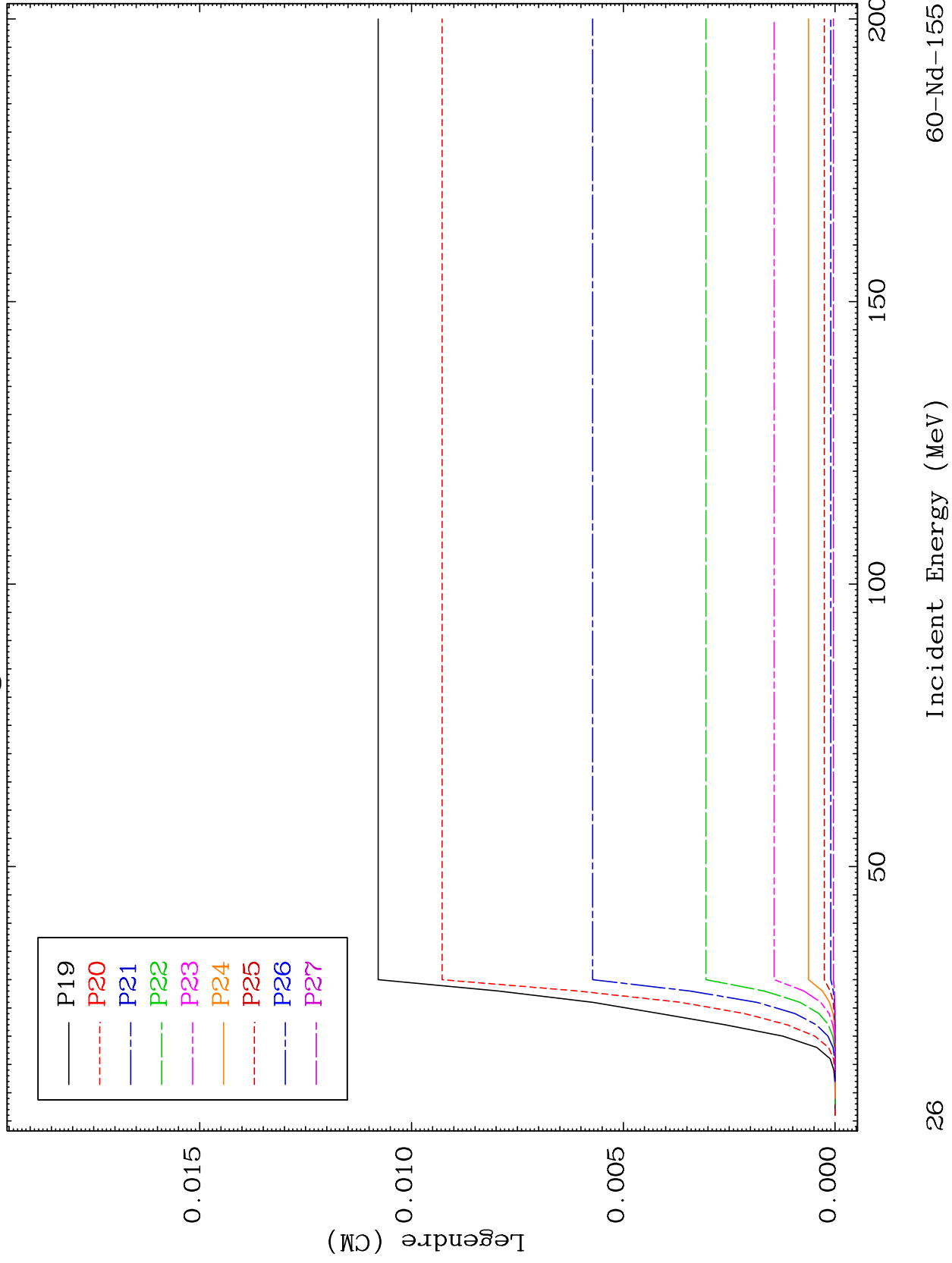
60-Nd-155



MAT 6064

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

60-Nd-155



26

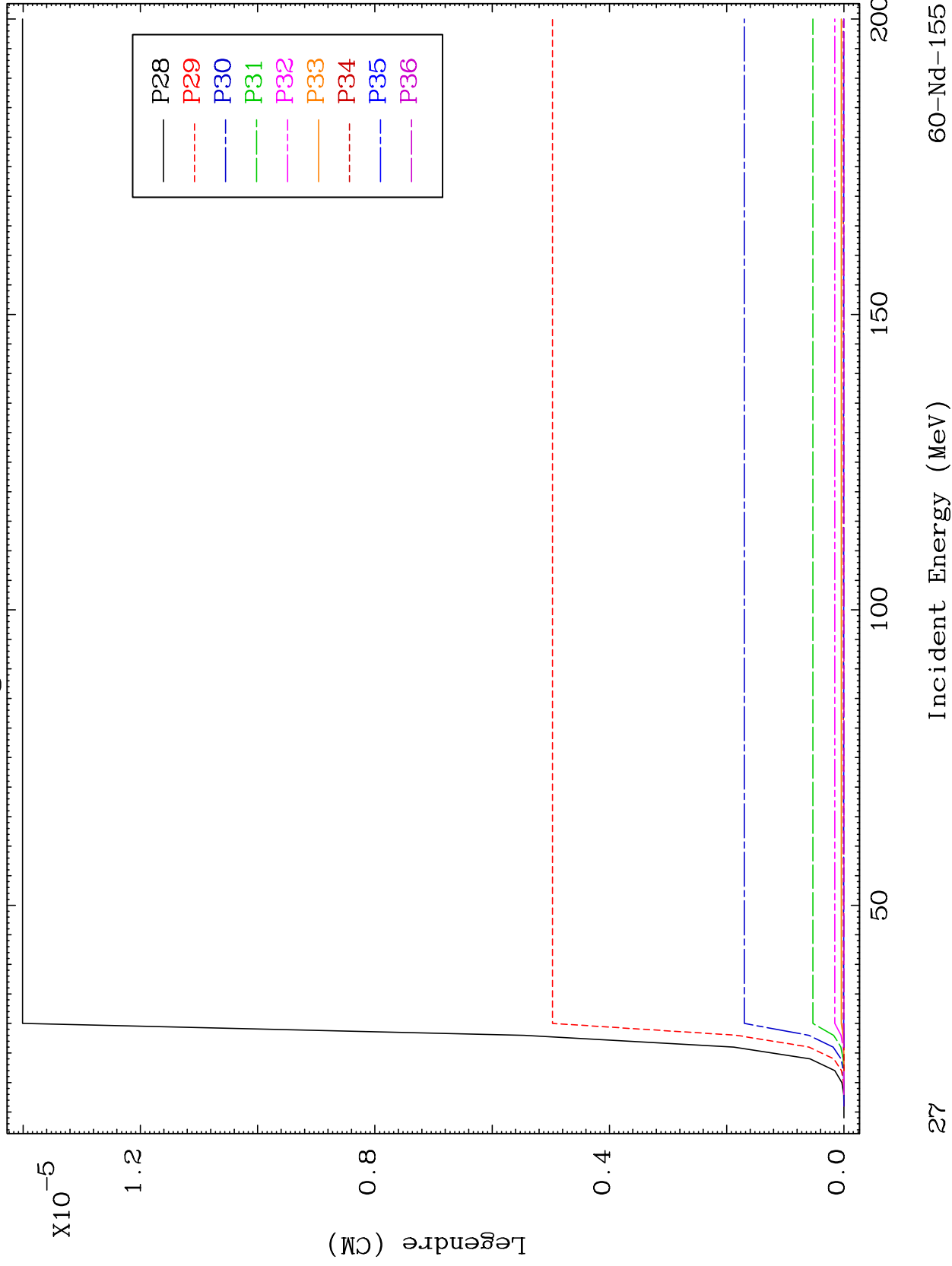
Incident Energy (MeV)

60-Nd-155

MAT 6064

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

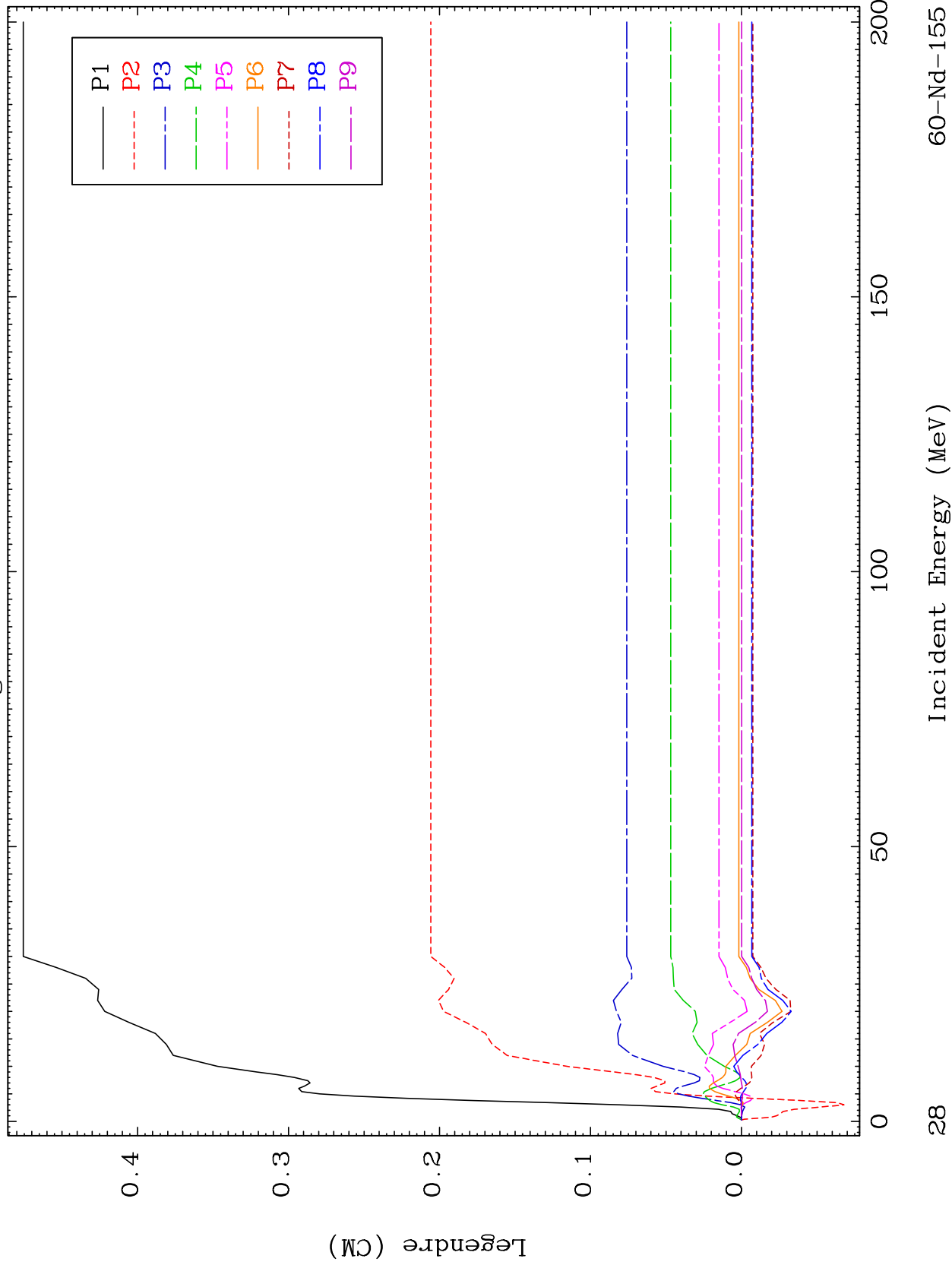
60-Nd-155



MAT 6064

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

60-Nd-155



60-Nd-155

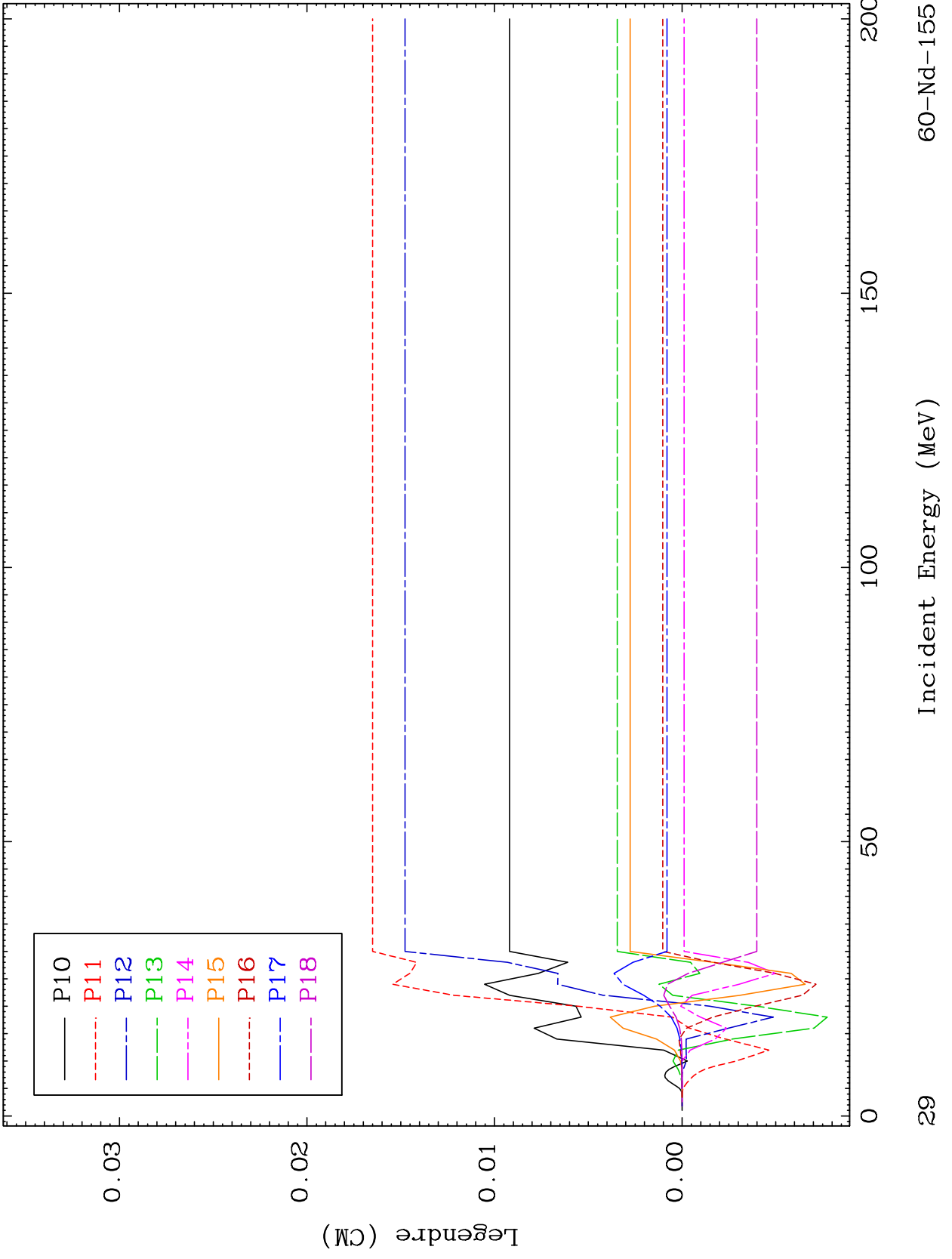
Incident Energy (MeV)

28

MAT 6064

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

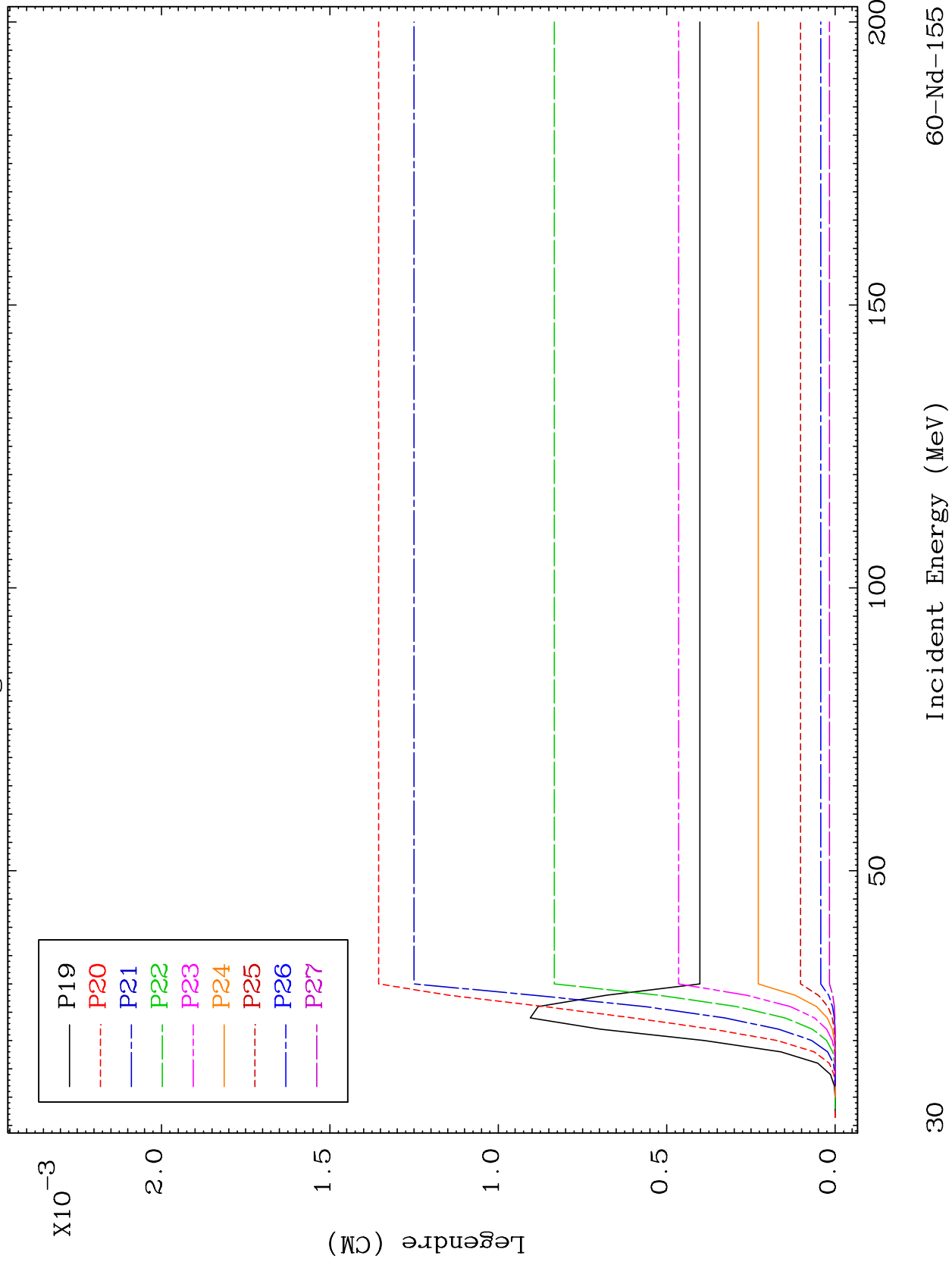
60-Nd-155



MAT 6064

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

60-Nd-155



30

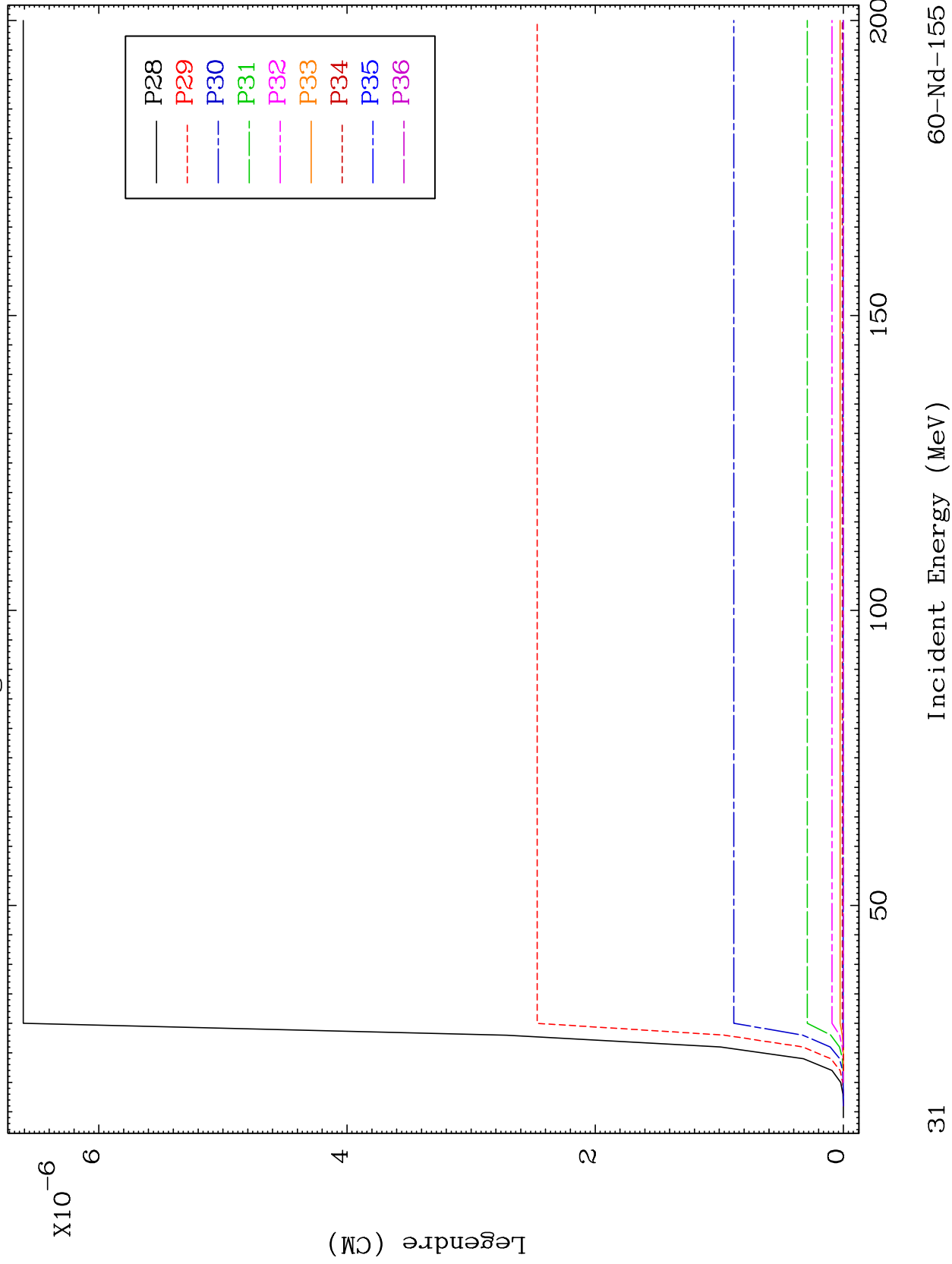
Incident Energy (MeV)

60-Nd-155

MAT 6064

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

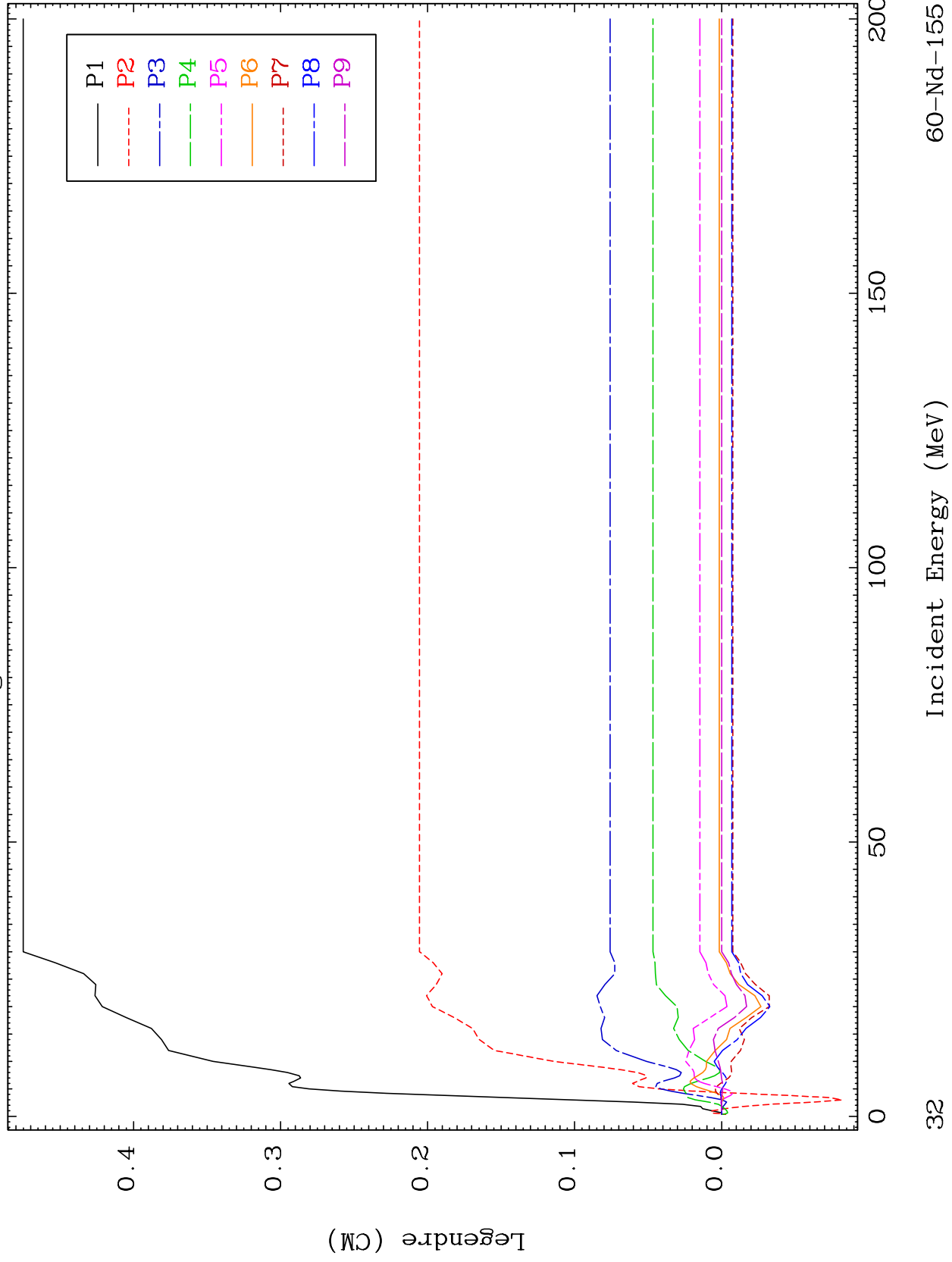
60-Nd-155



MAT 6064

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

60-Nd-155



60-Nd-155

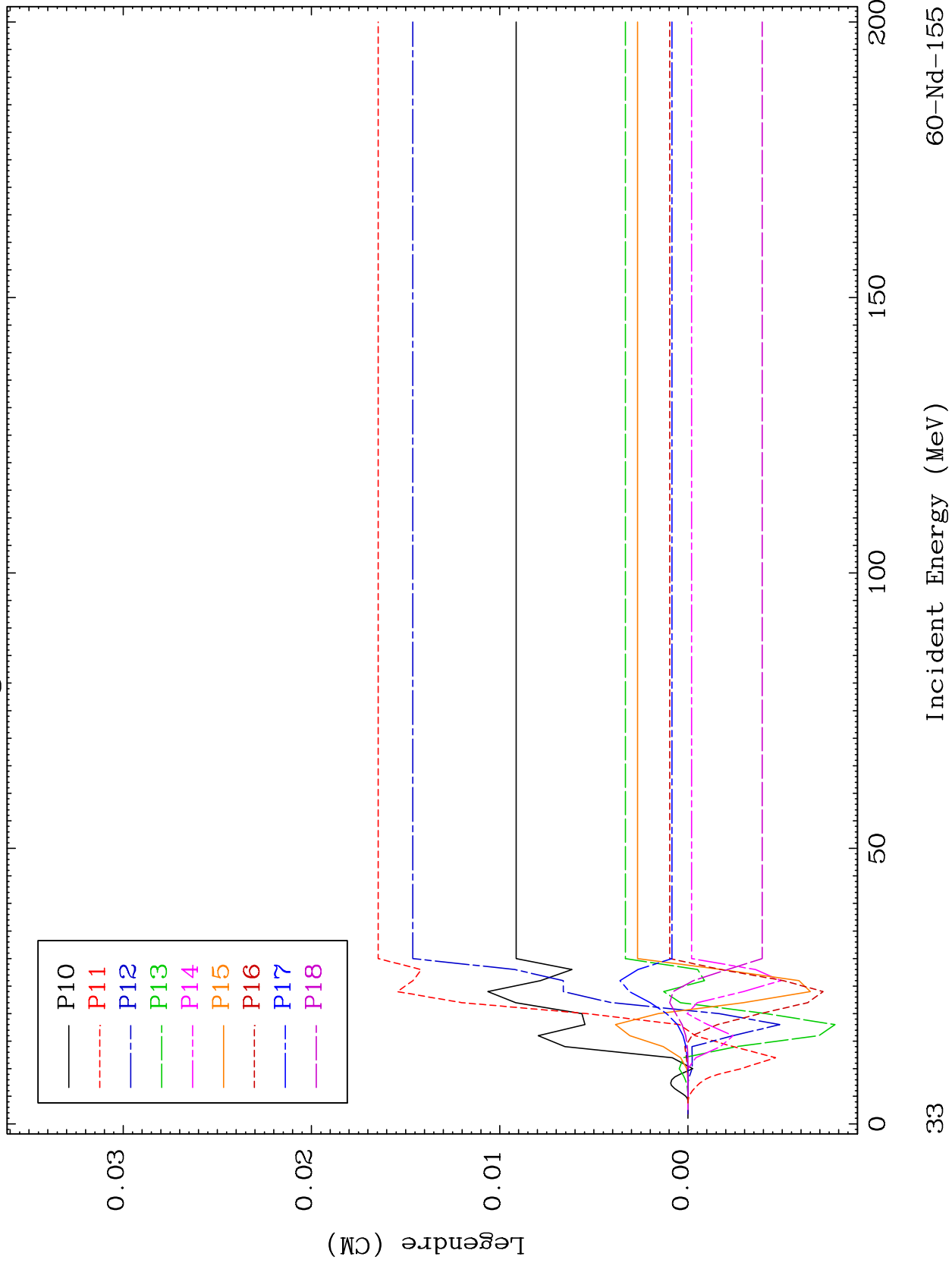
Incident Energy (MeV)

32

MAT 6064

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

60-Nd-155



33

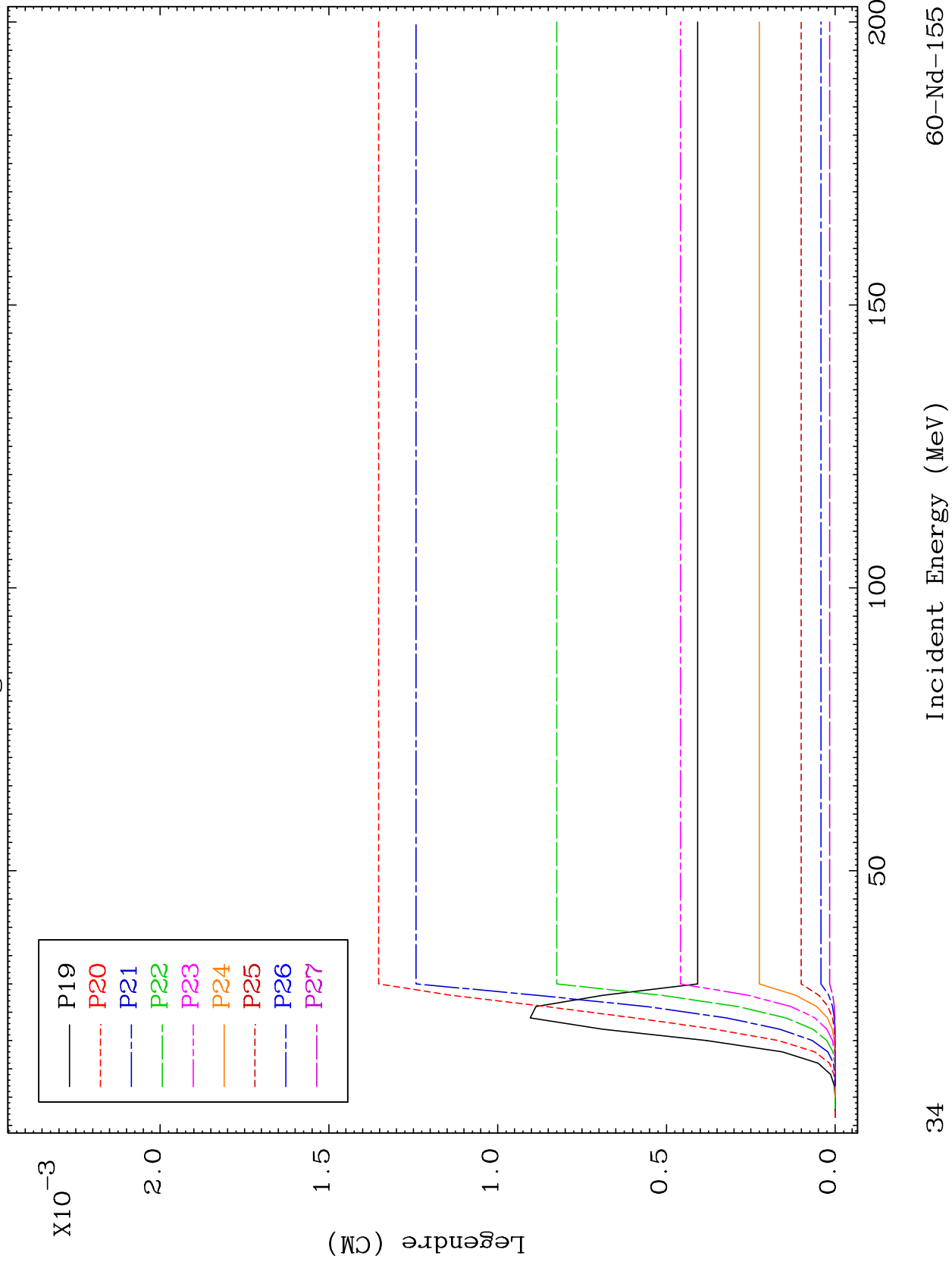
Incident Energy (MeV)

60-Nd-155

MAT 6064

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

60-Nd-155



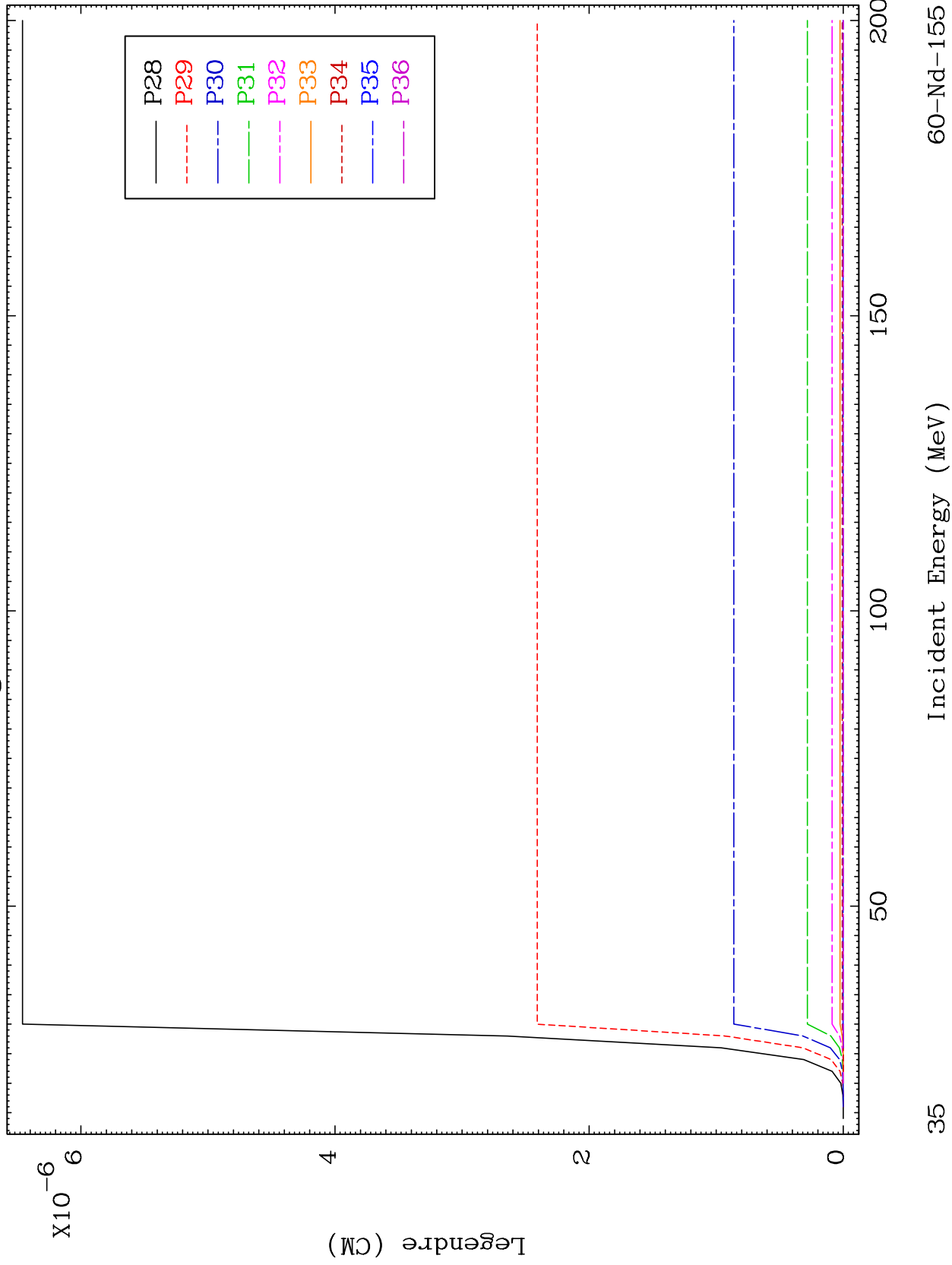
34

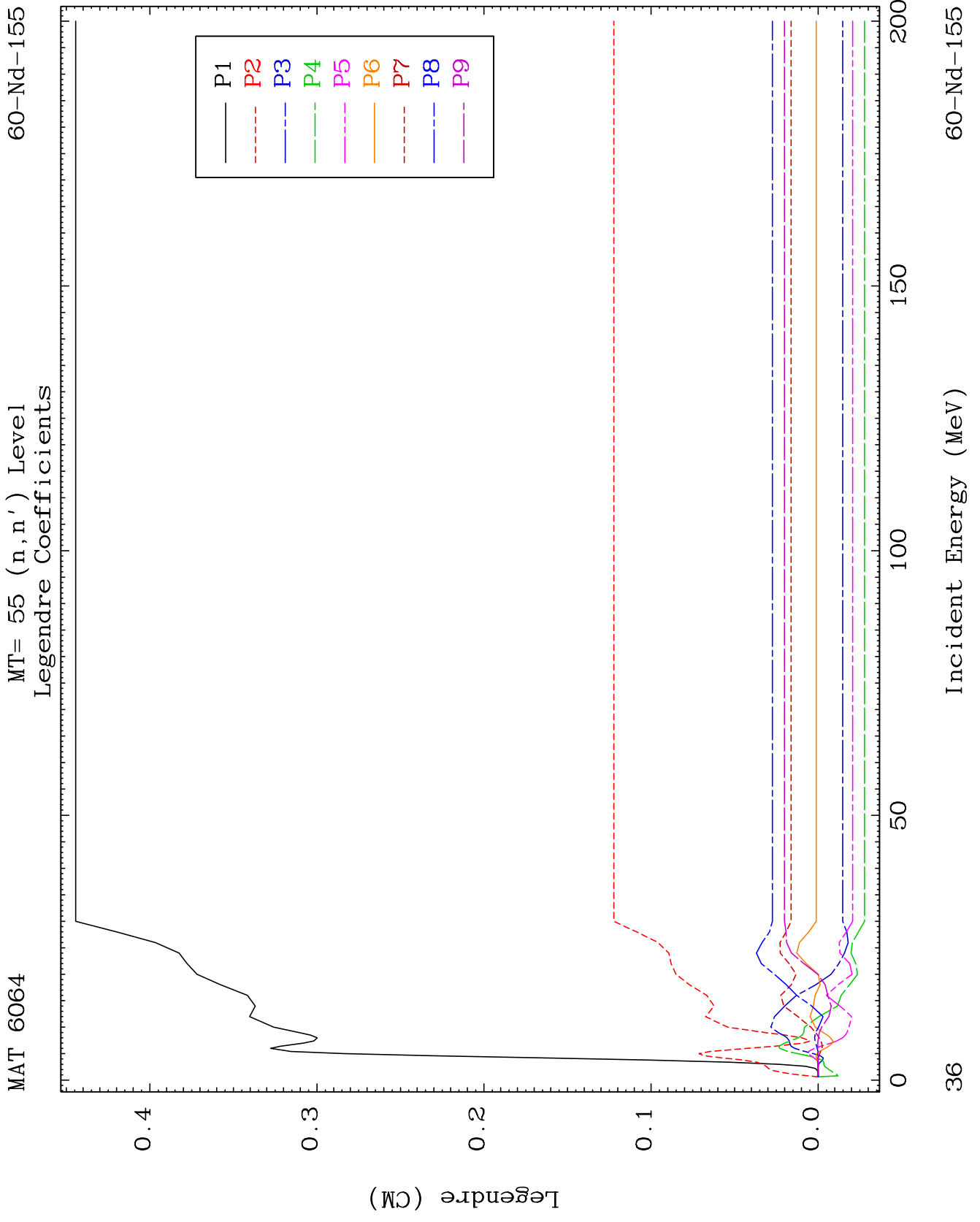
60-Nd-155

MAT 6064

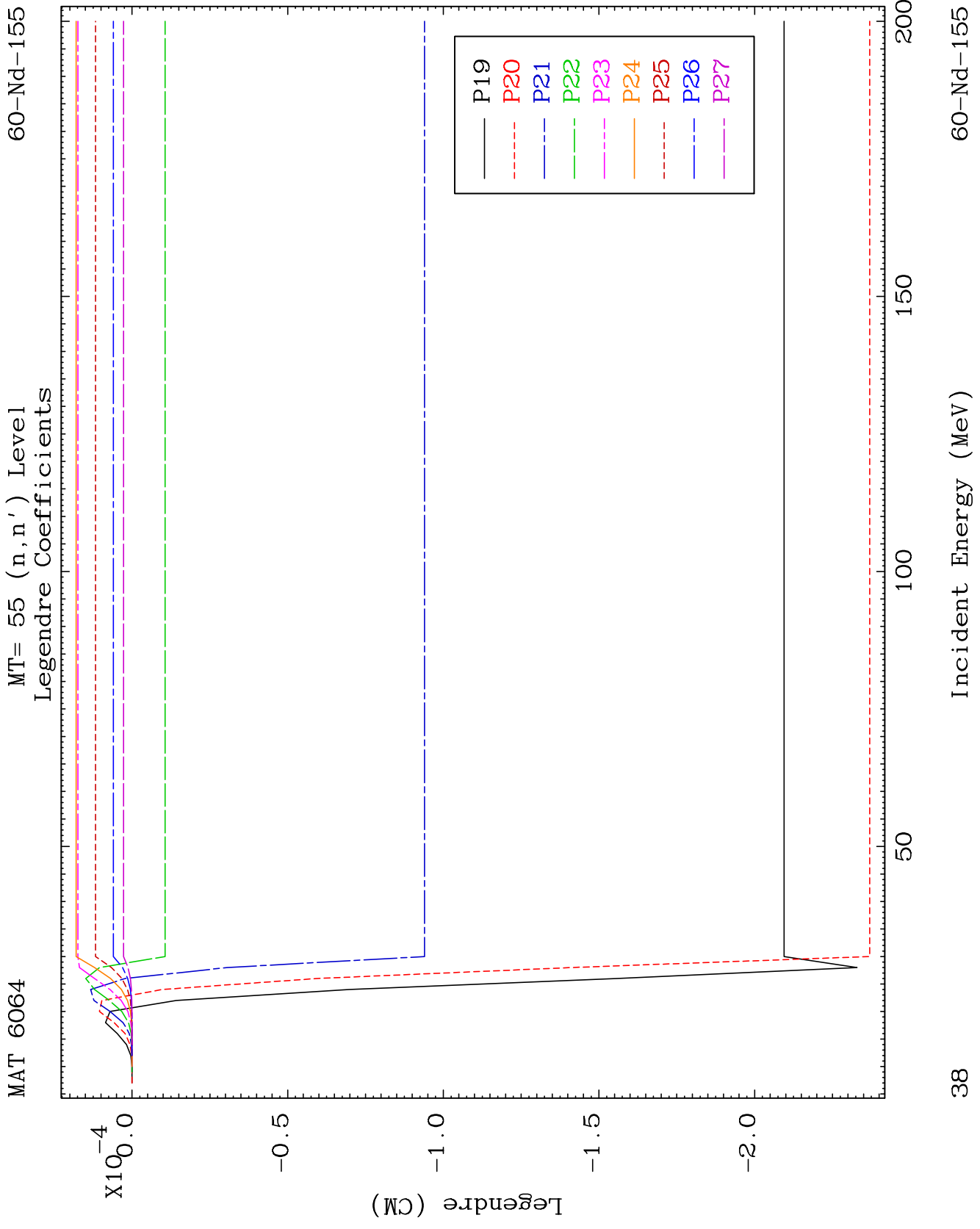
MT= 54 (n,n') Level  
Legendre Coefficients

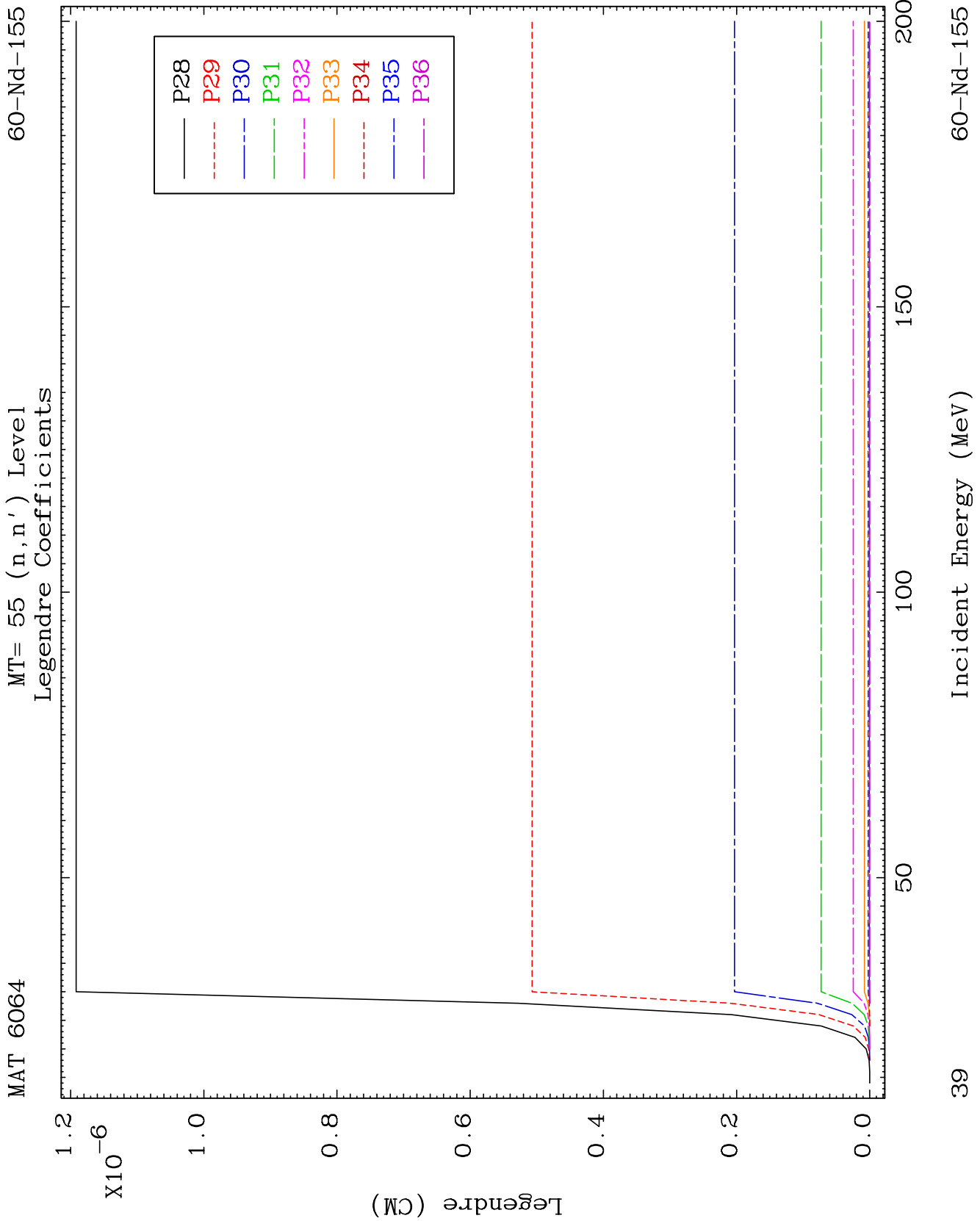
60-Nd-155









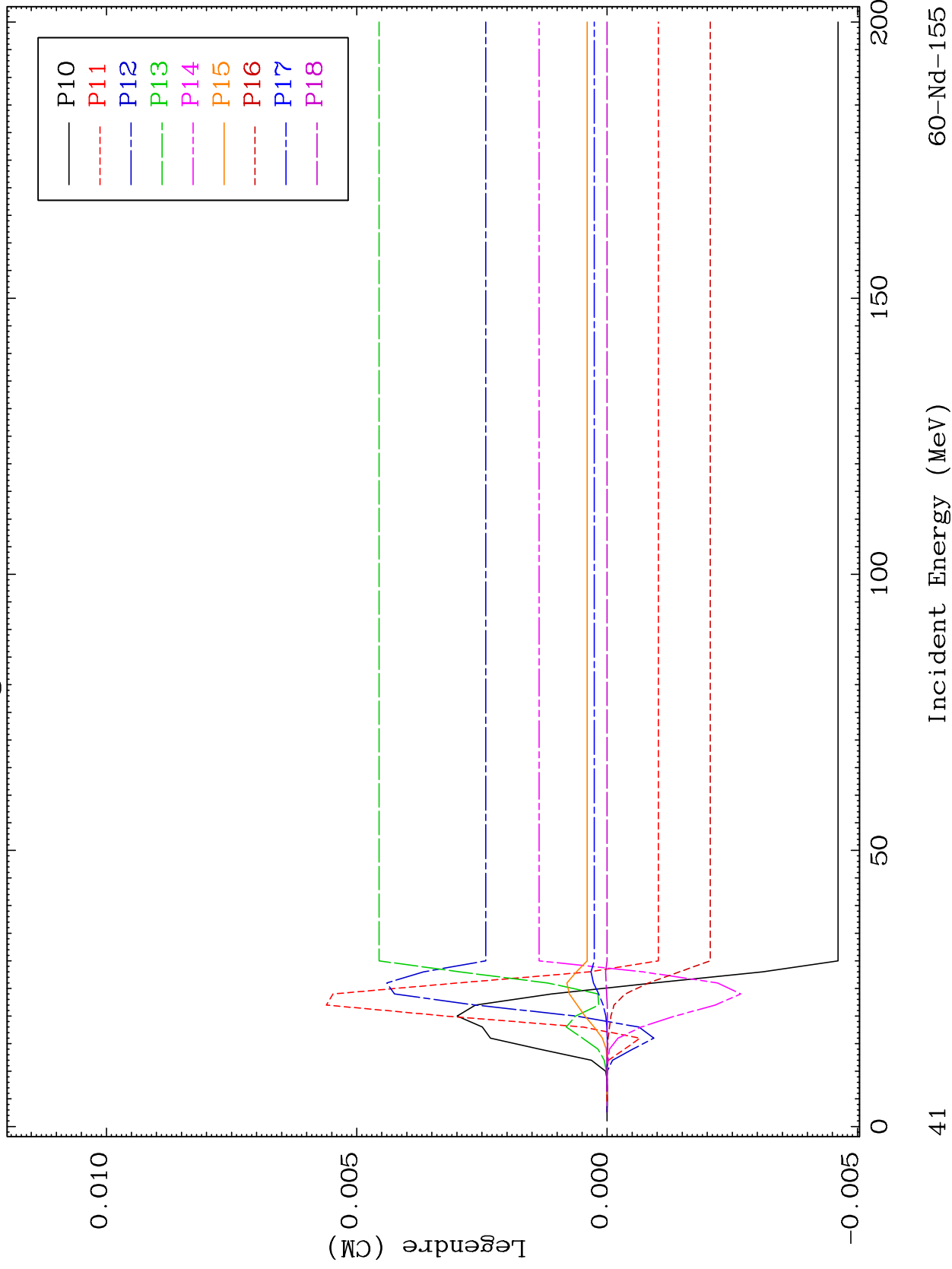




MAT 6064

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

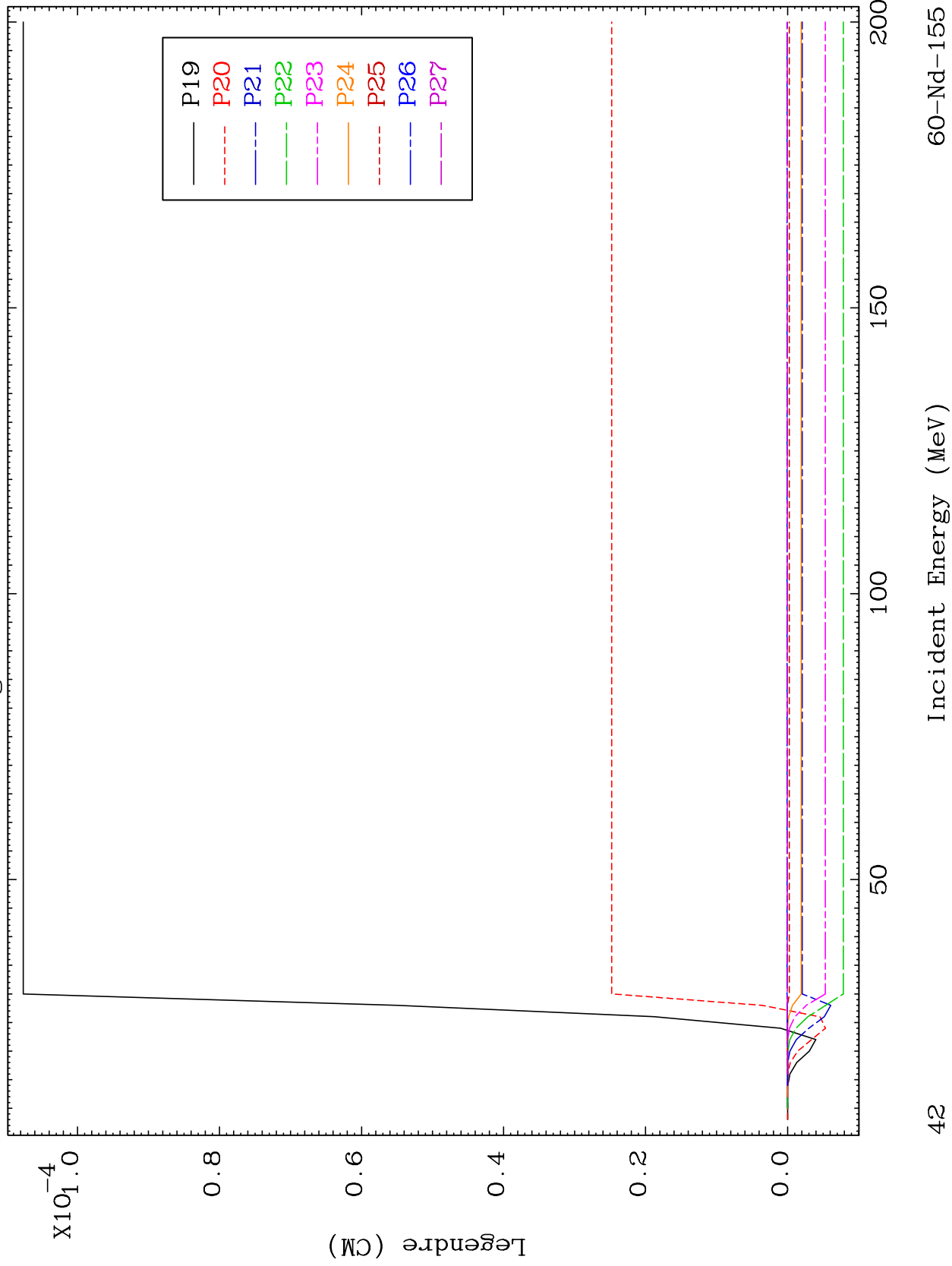
60-Nd-155



MAT 6064

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

60-Nd-155



42

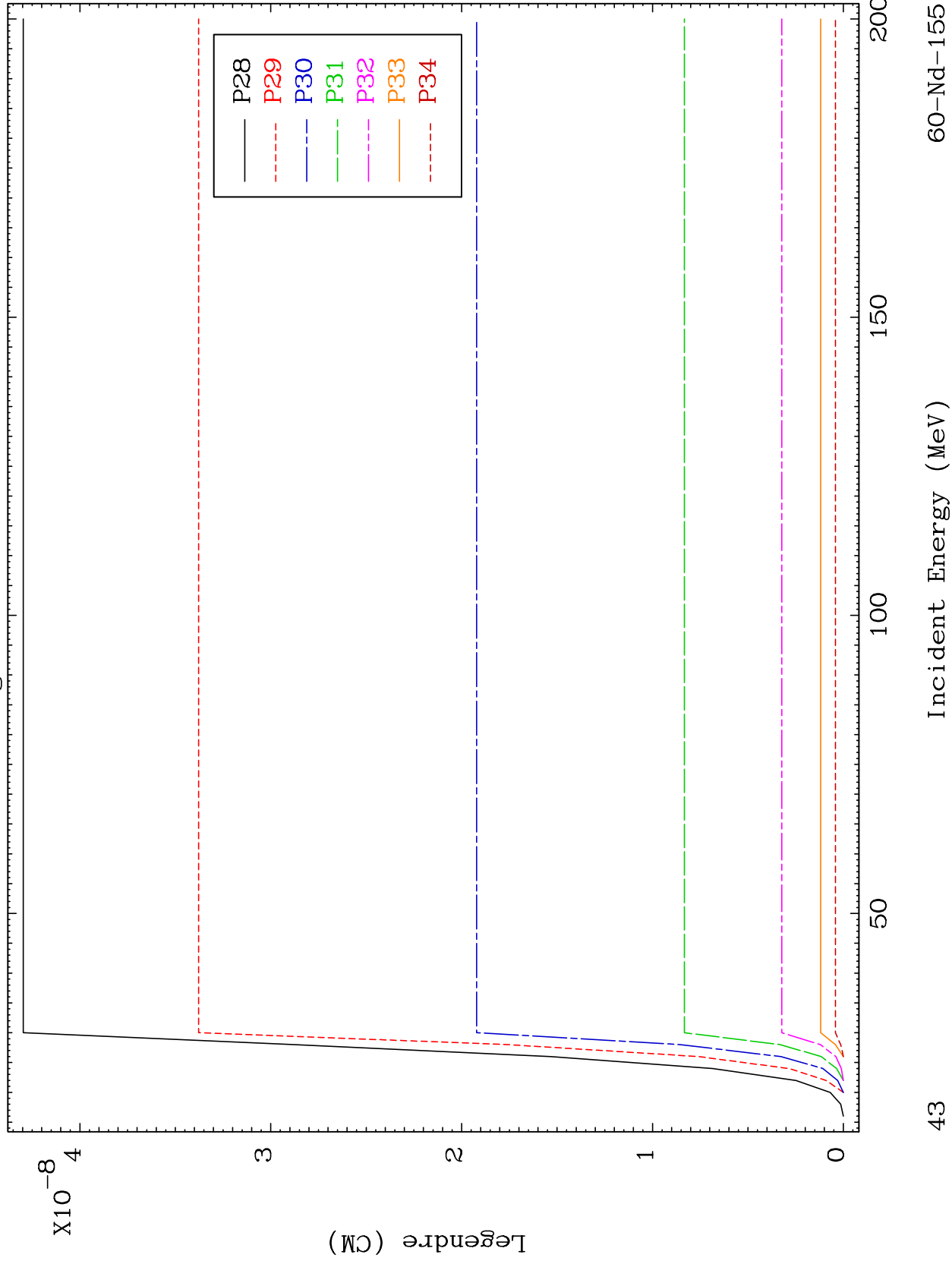
Incident Energy (MeV)

60-Nd-155

MAT 6064

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

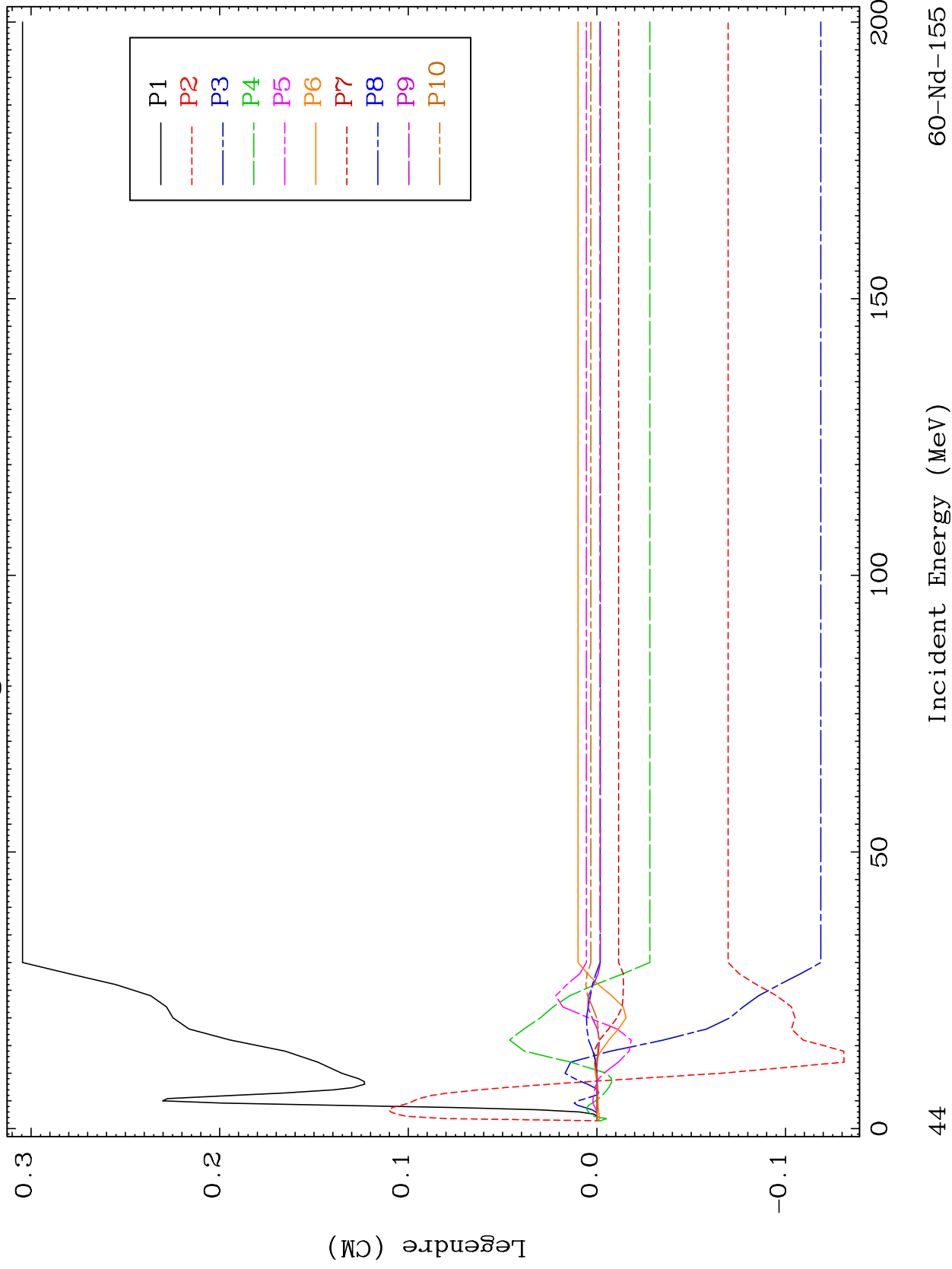
60-Nd-155

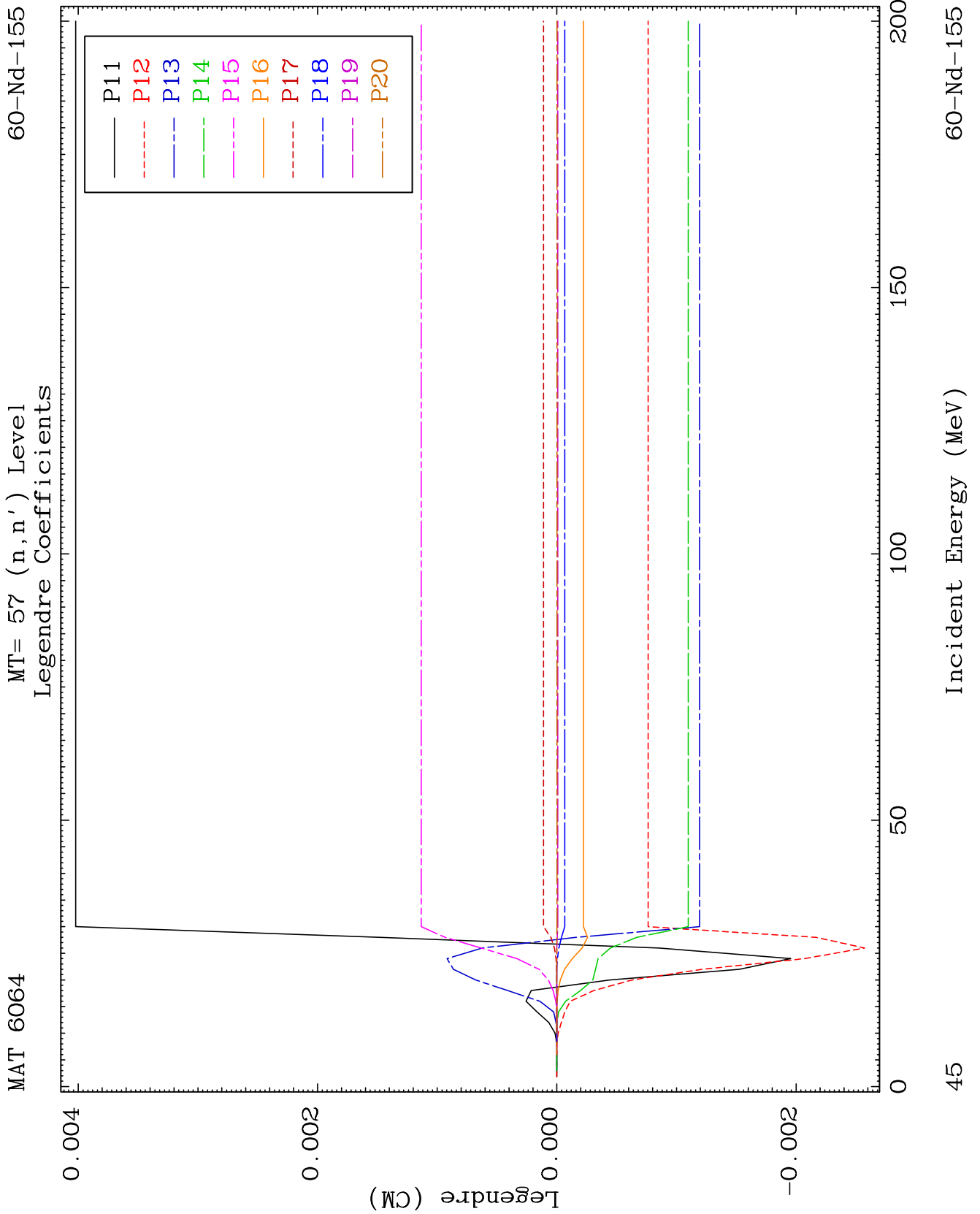


MAT 6064

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

60-Nd-155



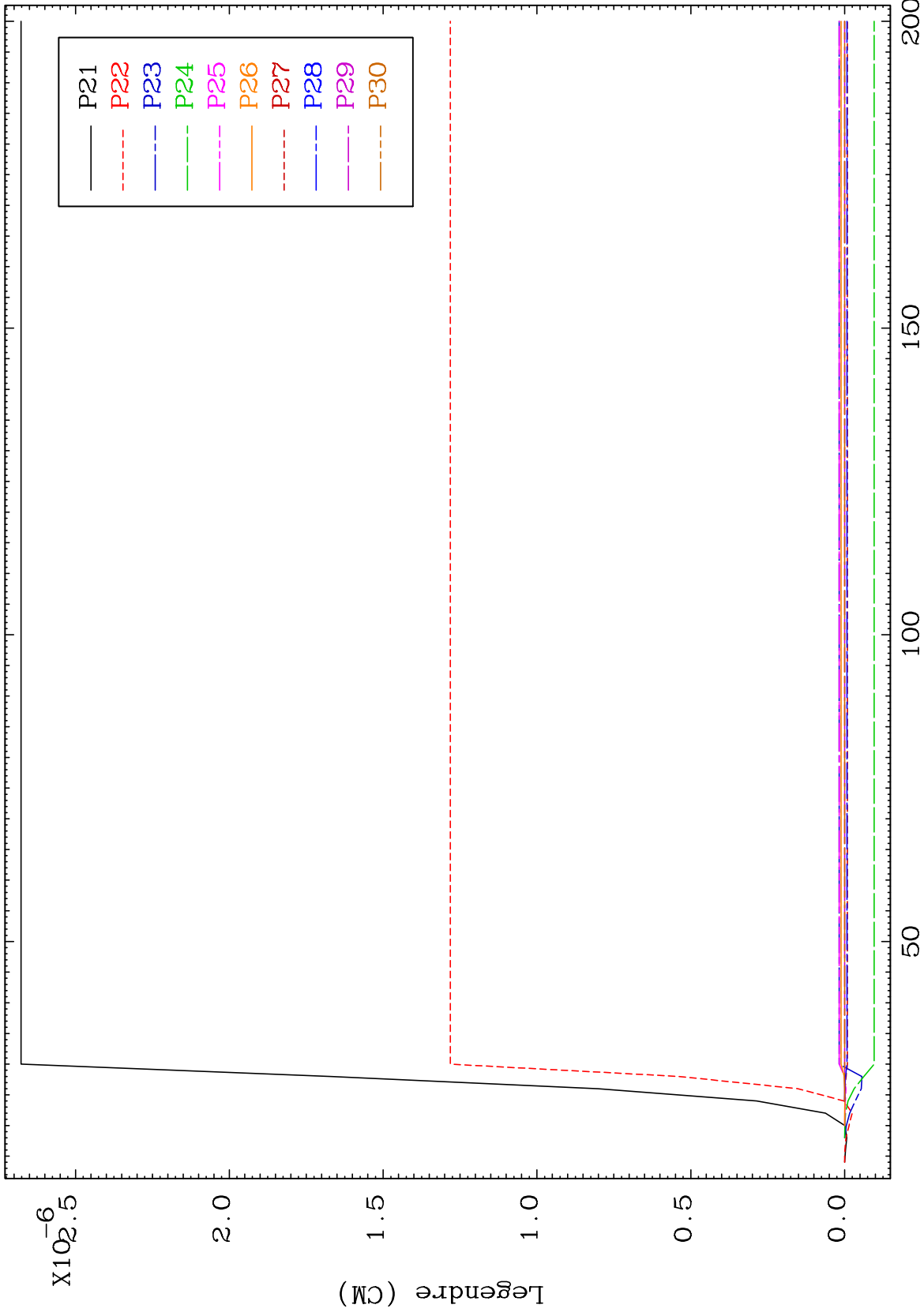


MAT 6064

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

60-Nd-155

$\times 10^{-6}$



46

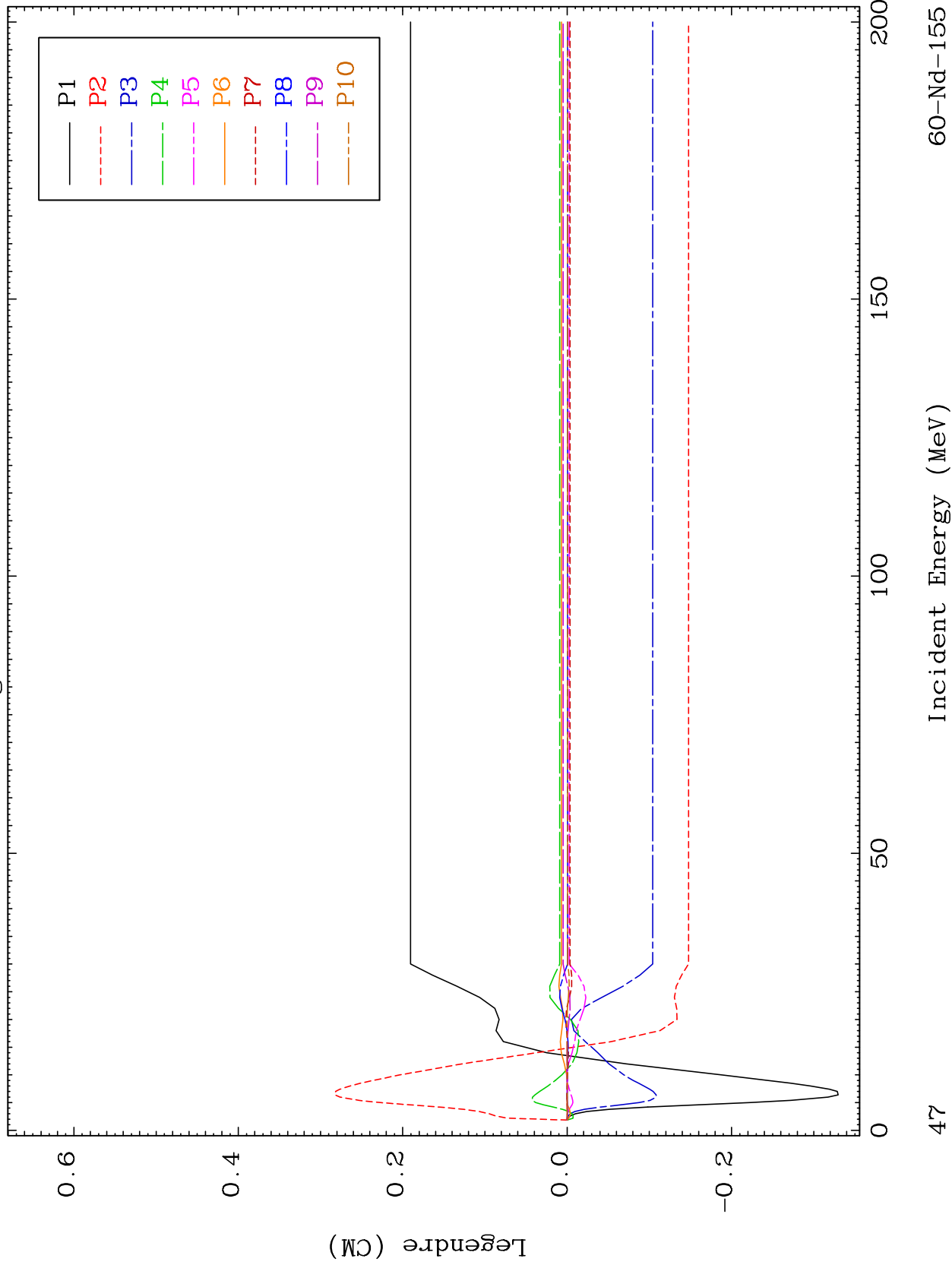
Incident Energy (MeV)

60-Nd-155

MAT 6064

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

60-Nd-155



47

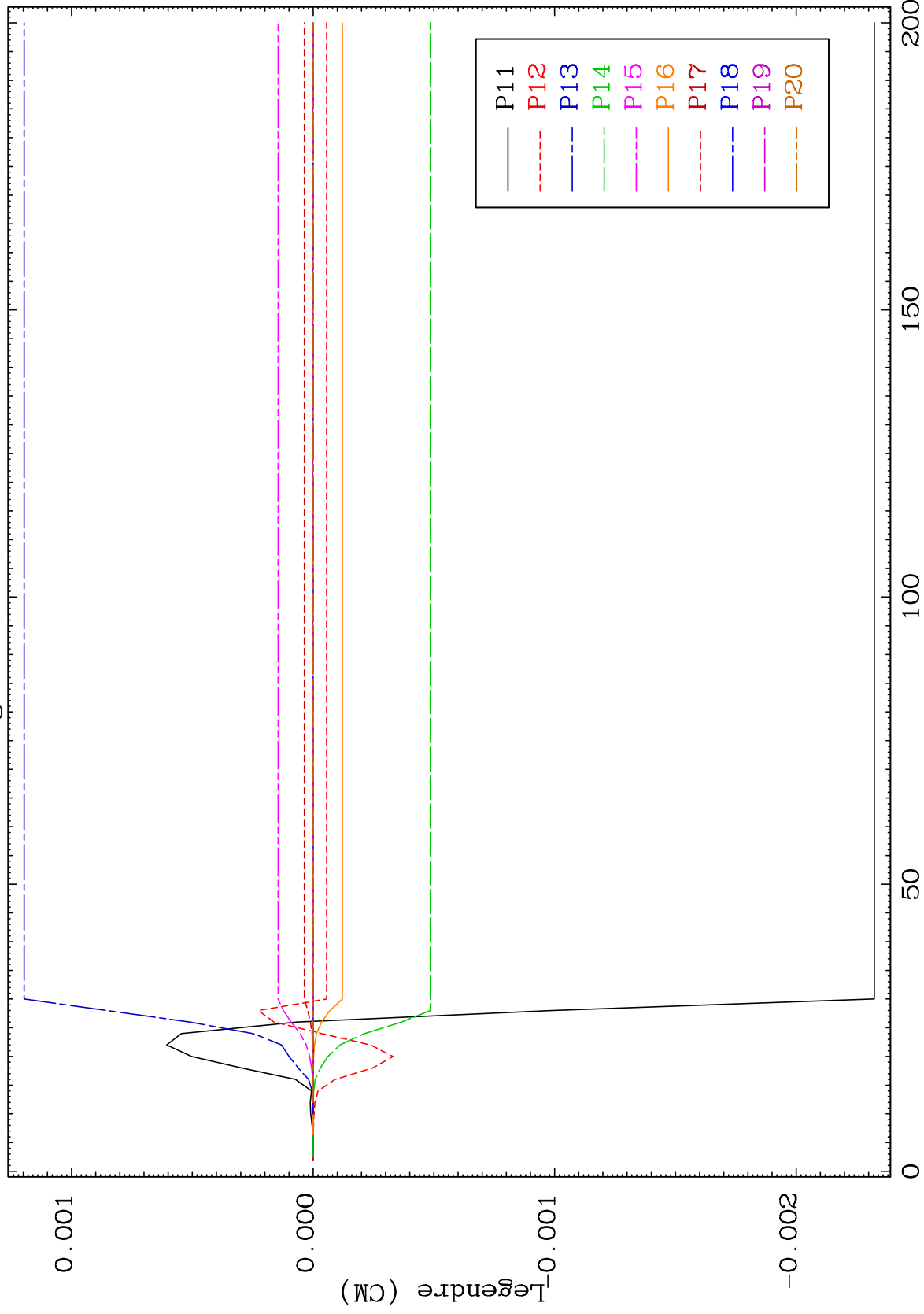
Incident Energy (MeV)

60-Nd-155

MAT 6064

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

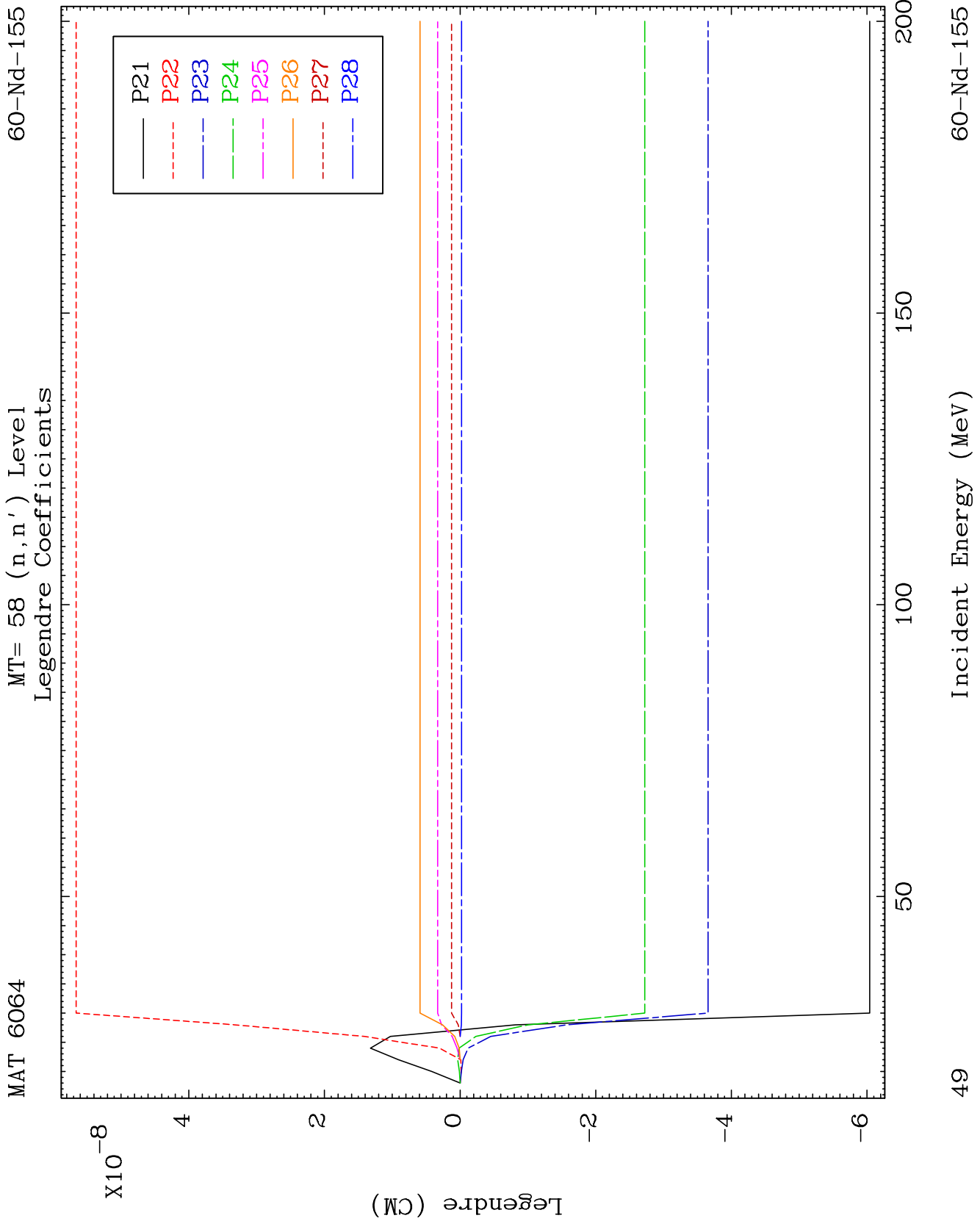
60-Nd-155

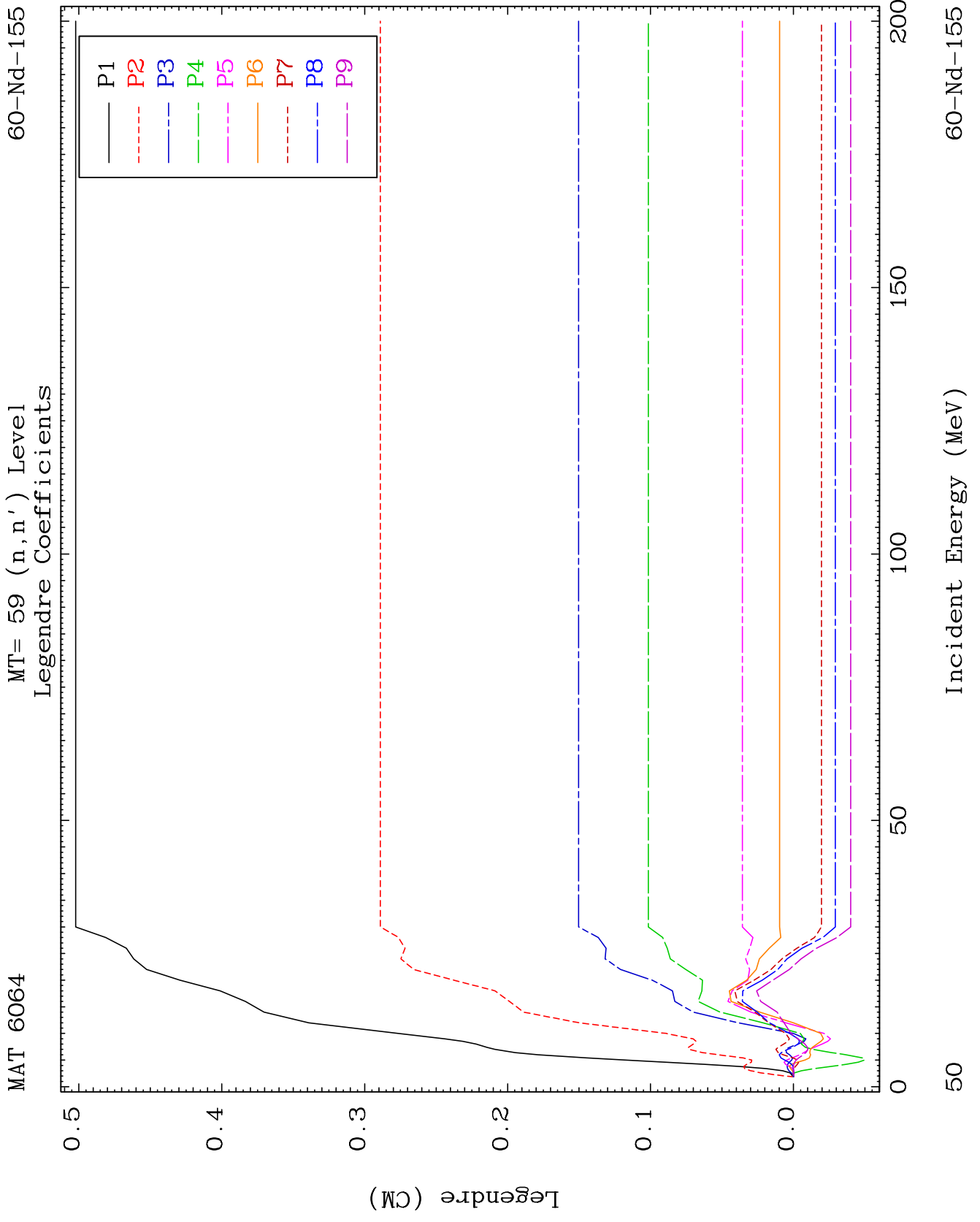


48

Incident Energy (MeV)

60-Nd-155

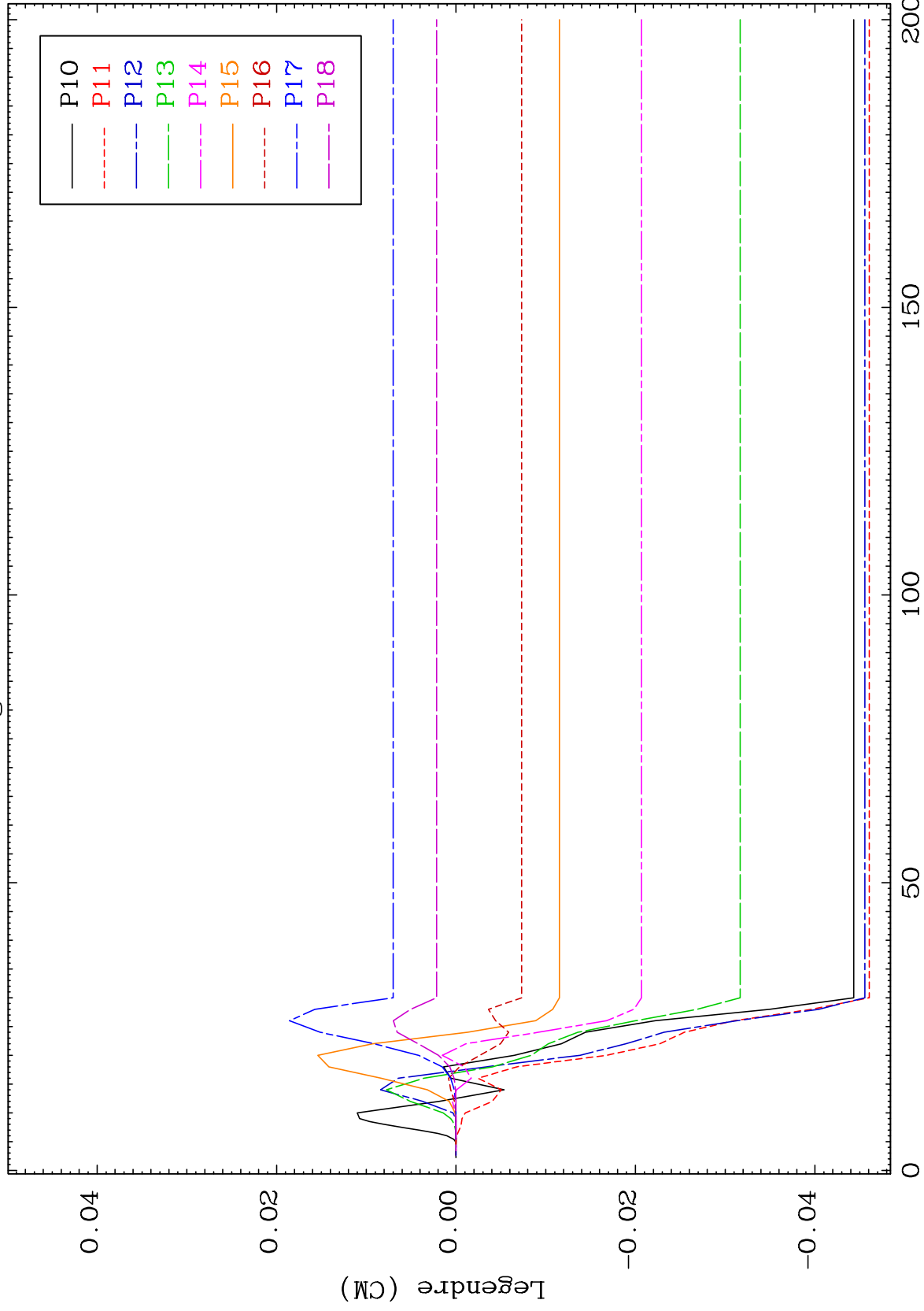




MAT 6064

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

60-Nd-155



51

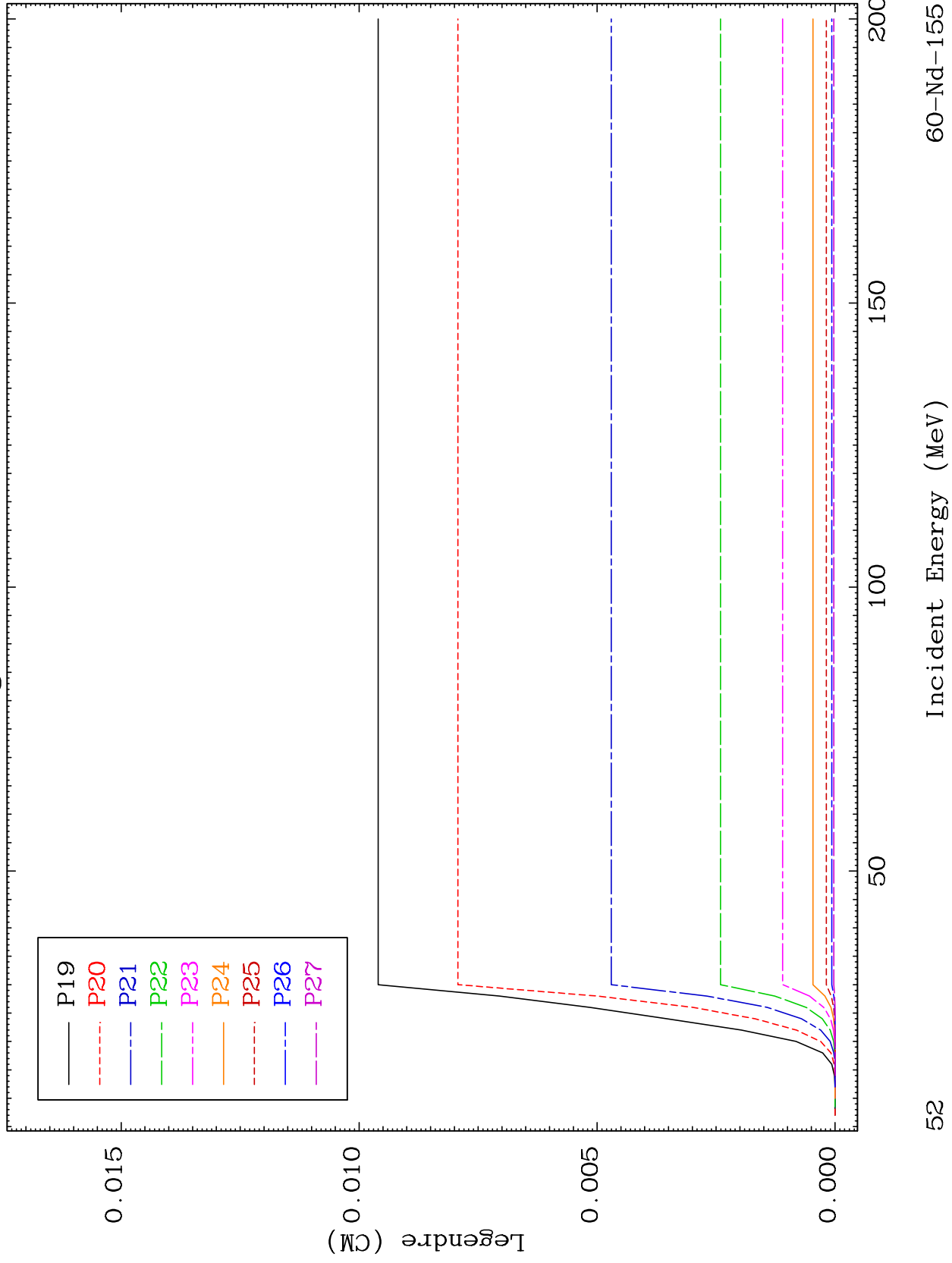
Incident Energy (MeV)

60-Nd-155

MAT 6064

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

60-Nd-155



52

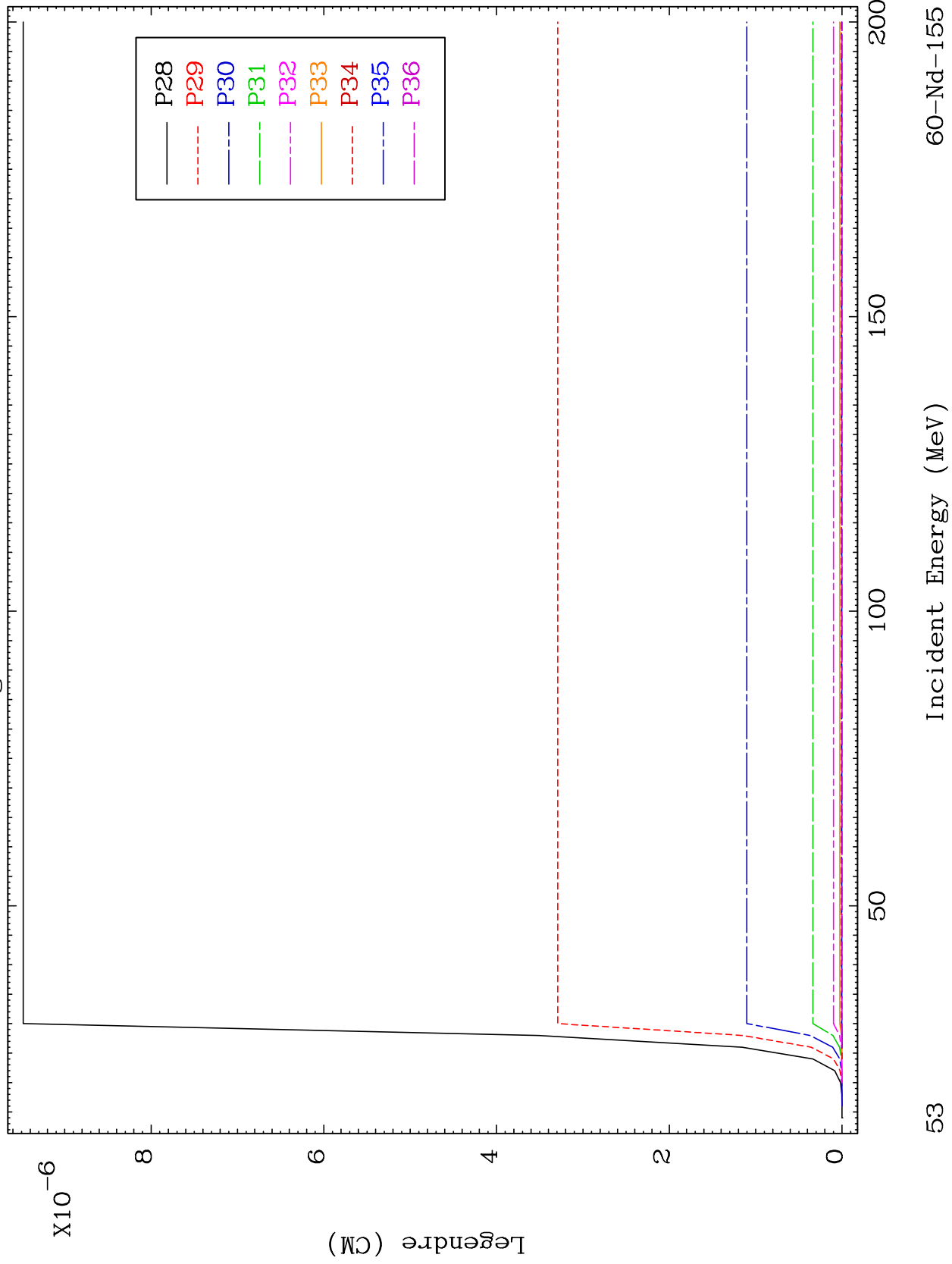
Incident Energy (MeV)

60-Nd-155

MAT 6064

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

60-Nd-155



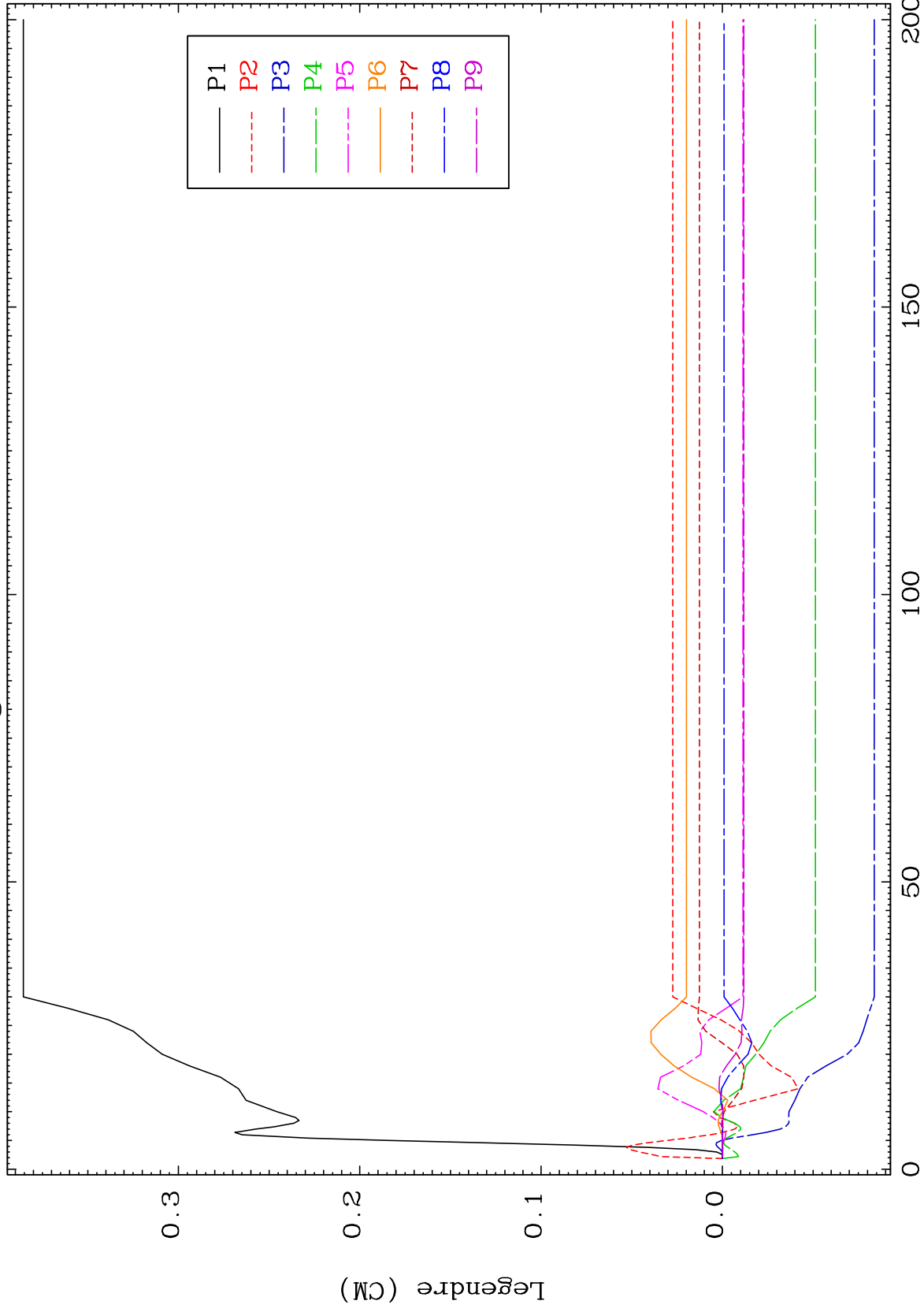
53

60-Nd-155

MAT 6064

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

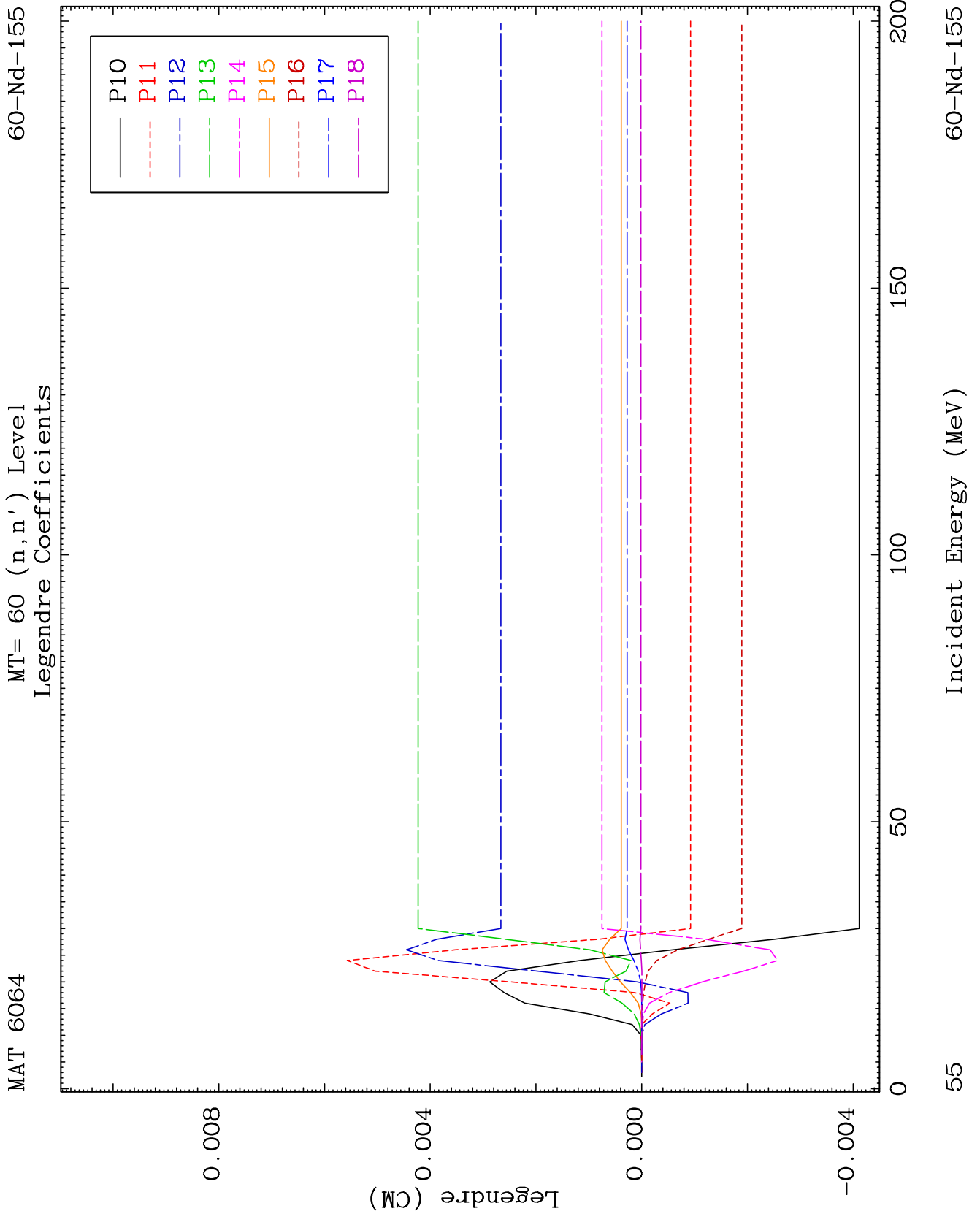
60-Nd-155



54

Incident Energy (MeV)

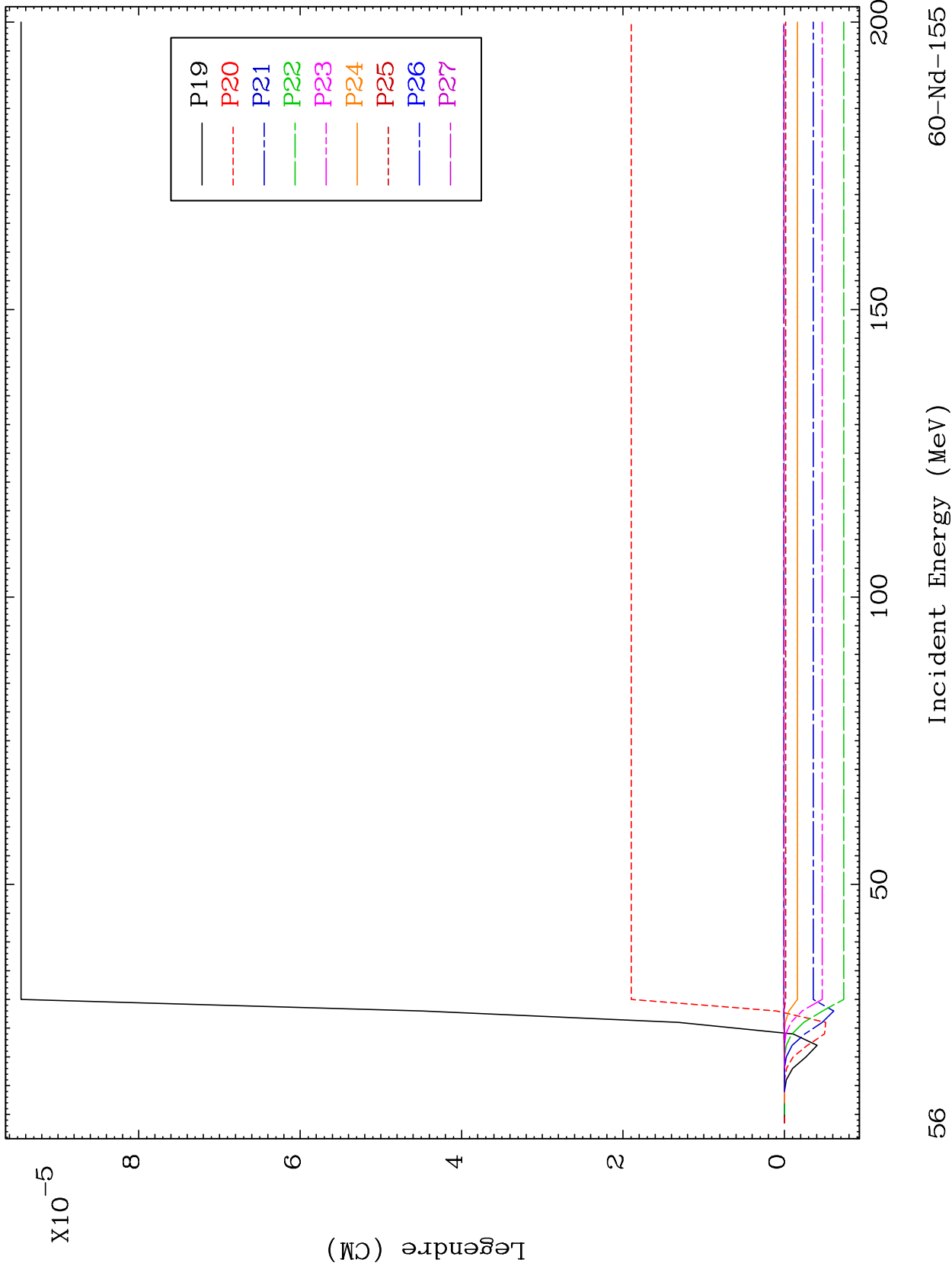
60-Nd-155



MAT 6064

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

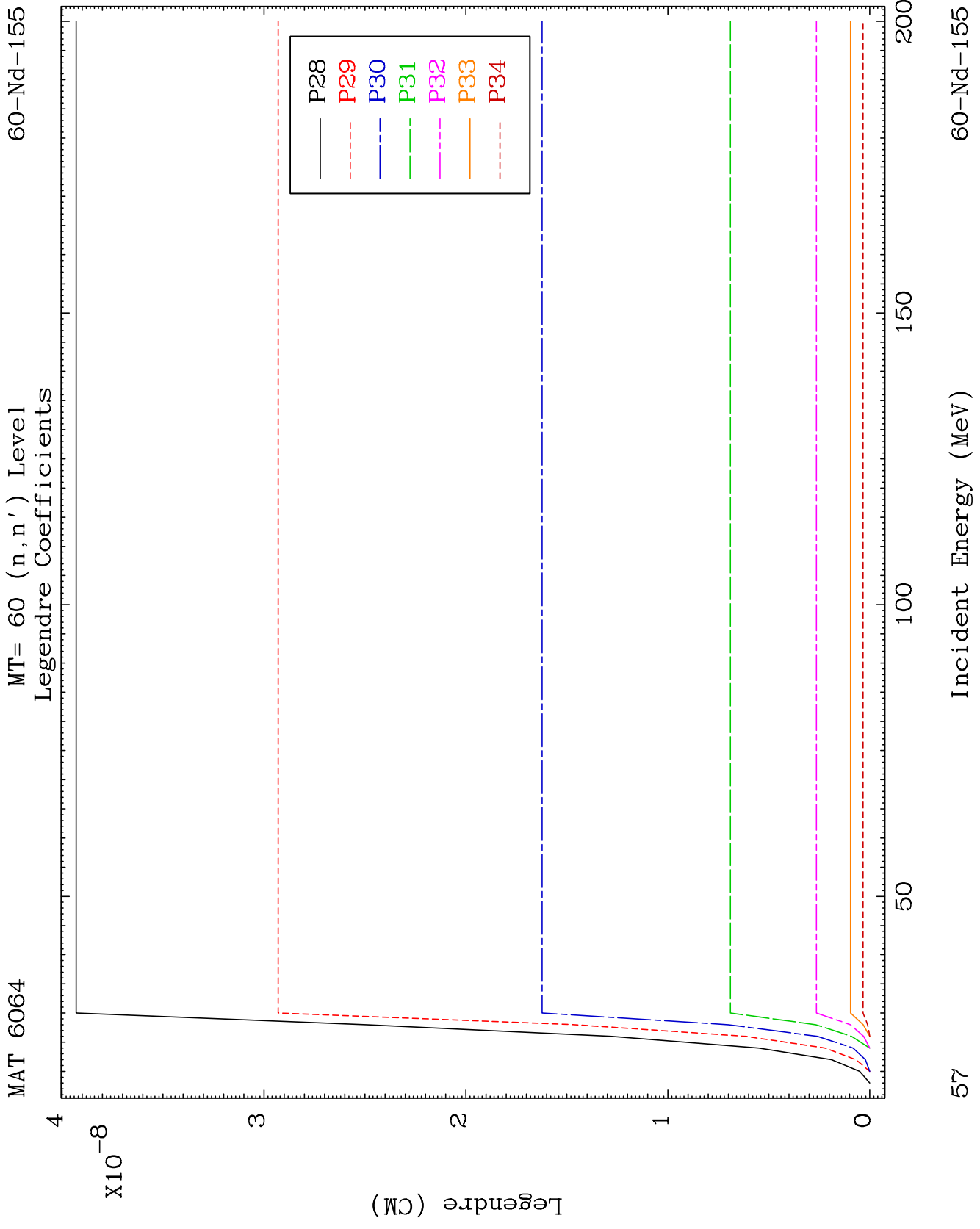
60-Nd-155



56

Incident Energy (MeV)

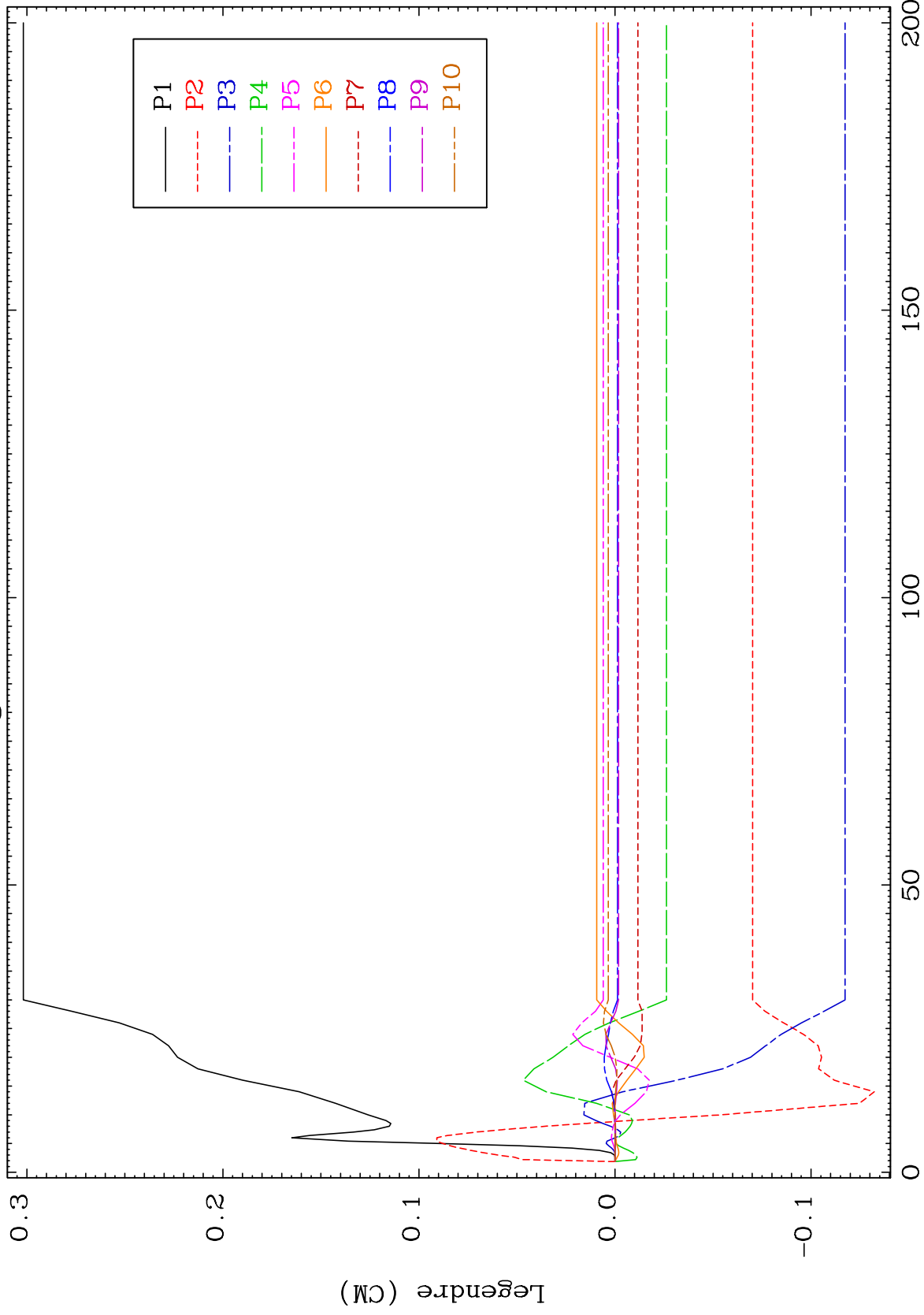
60-Nd-155



MAT 6064

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

60-Nd-155



58

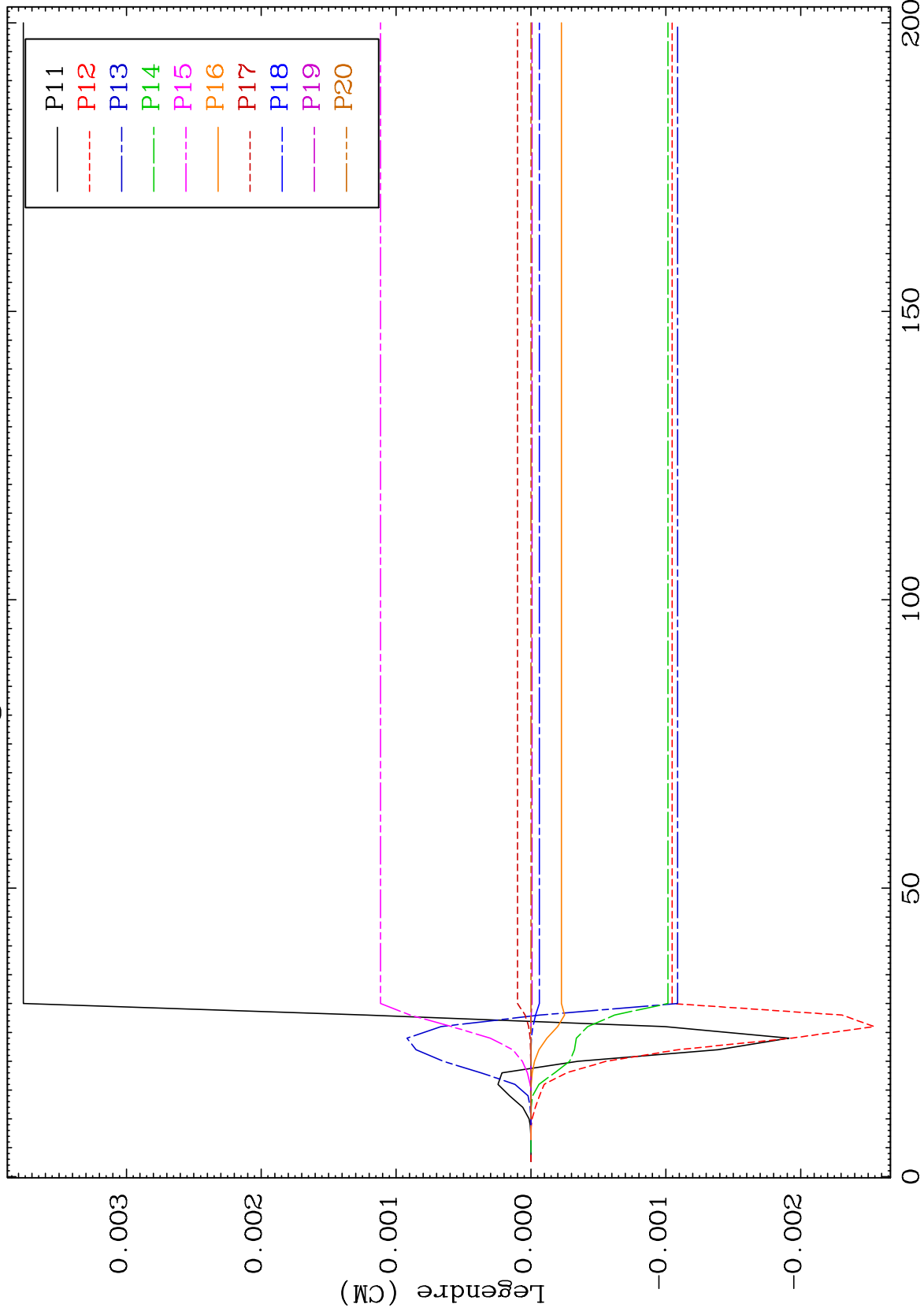
Incident Energy (MeV)

60-Nd-155

MAT 6064

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

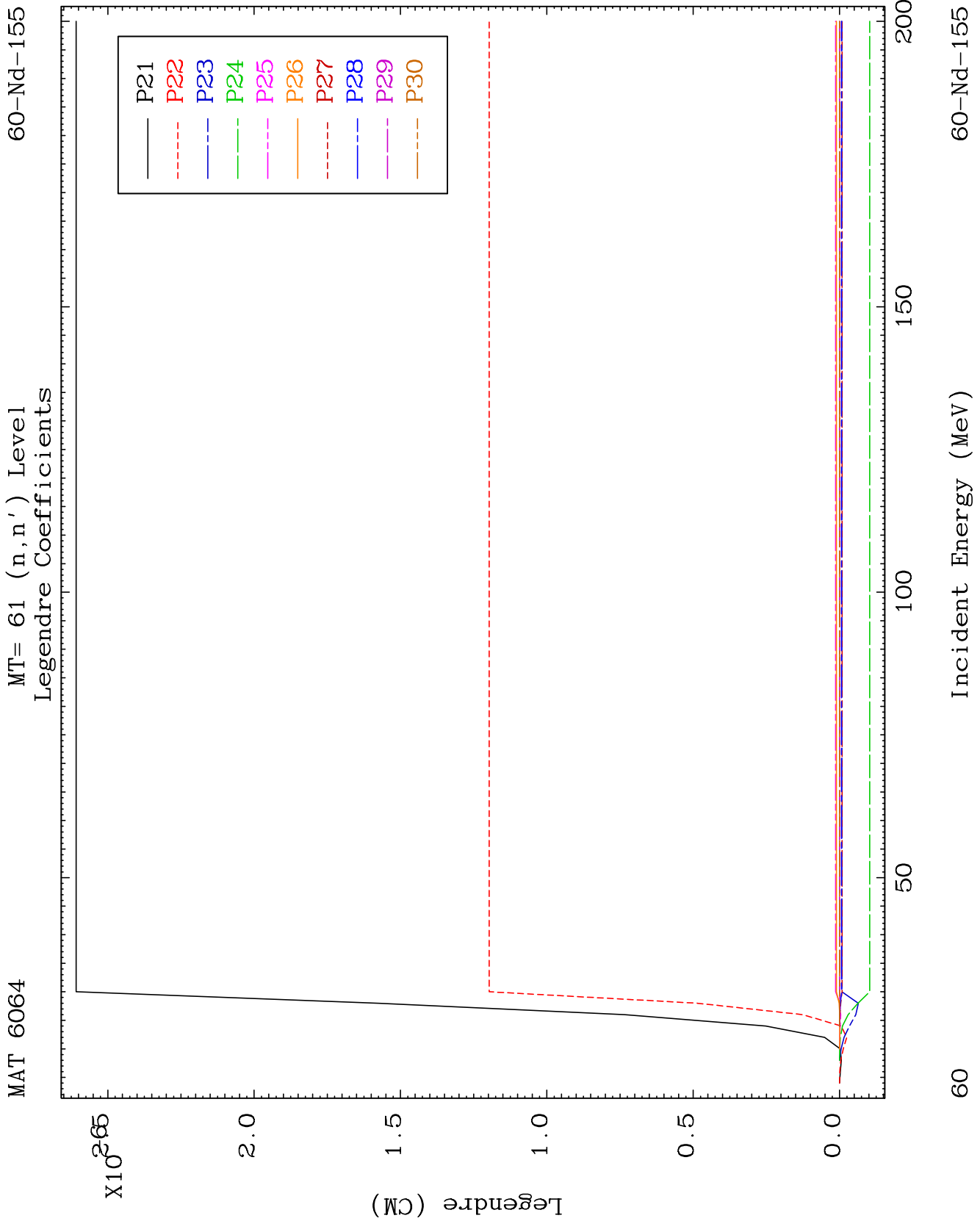
60-Nd-155

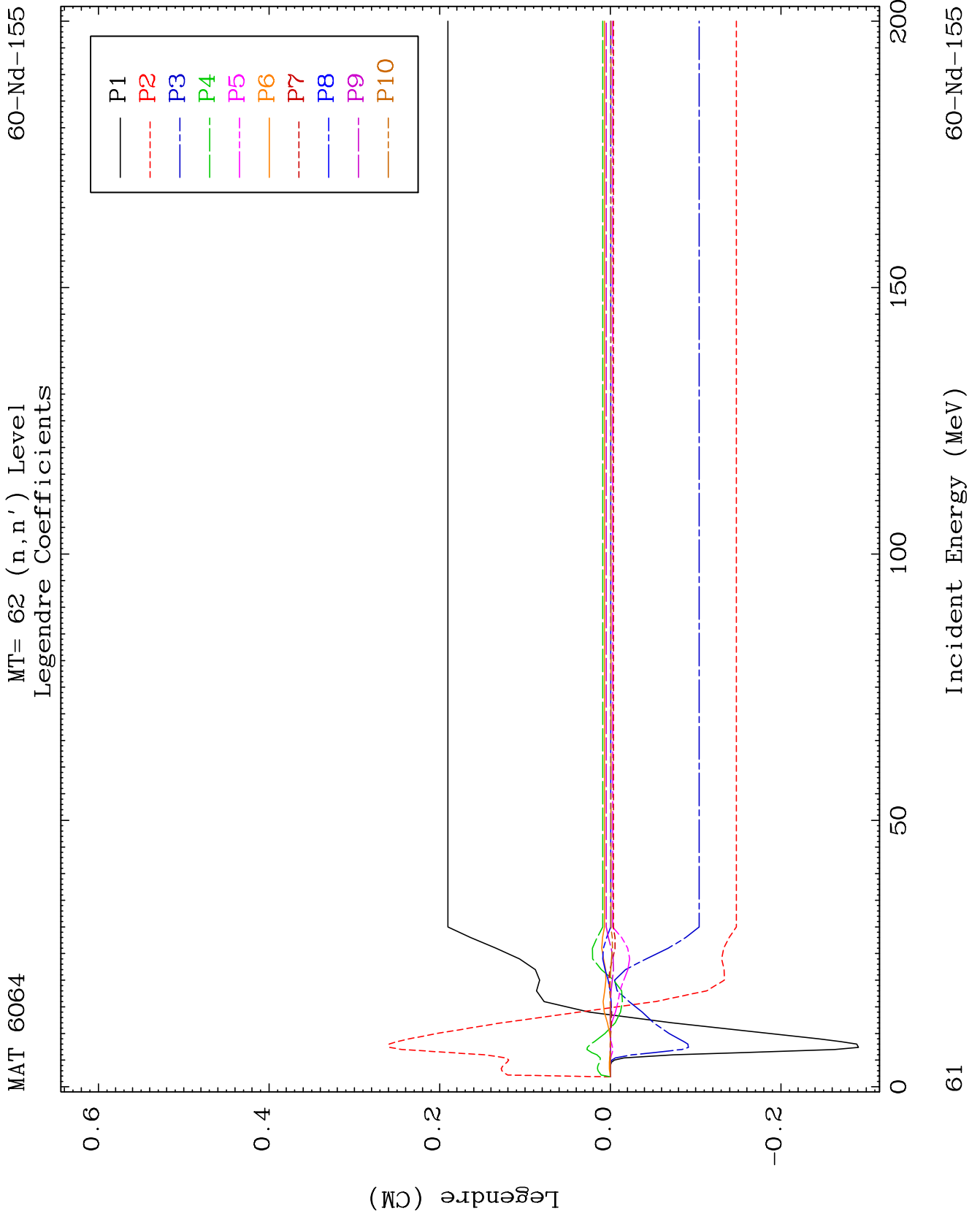


59

Incident Energy (MeV)

60-Nd-155

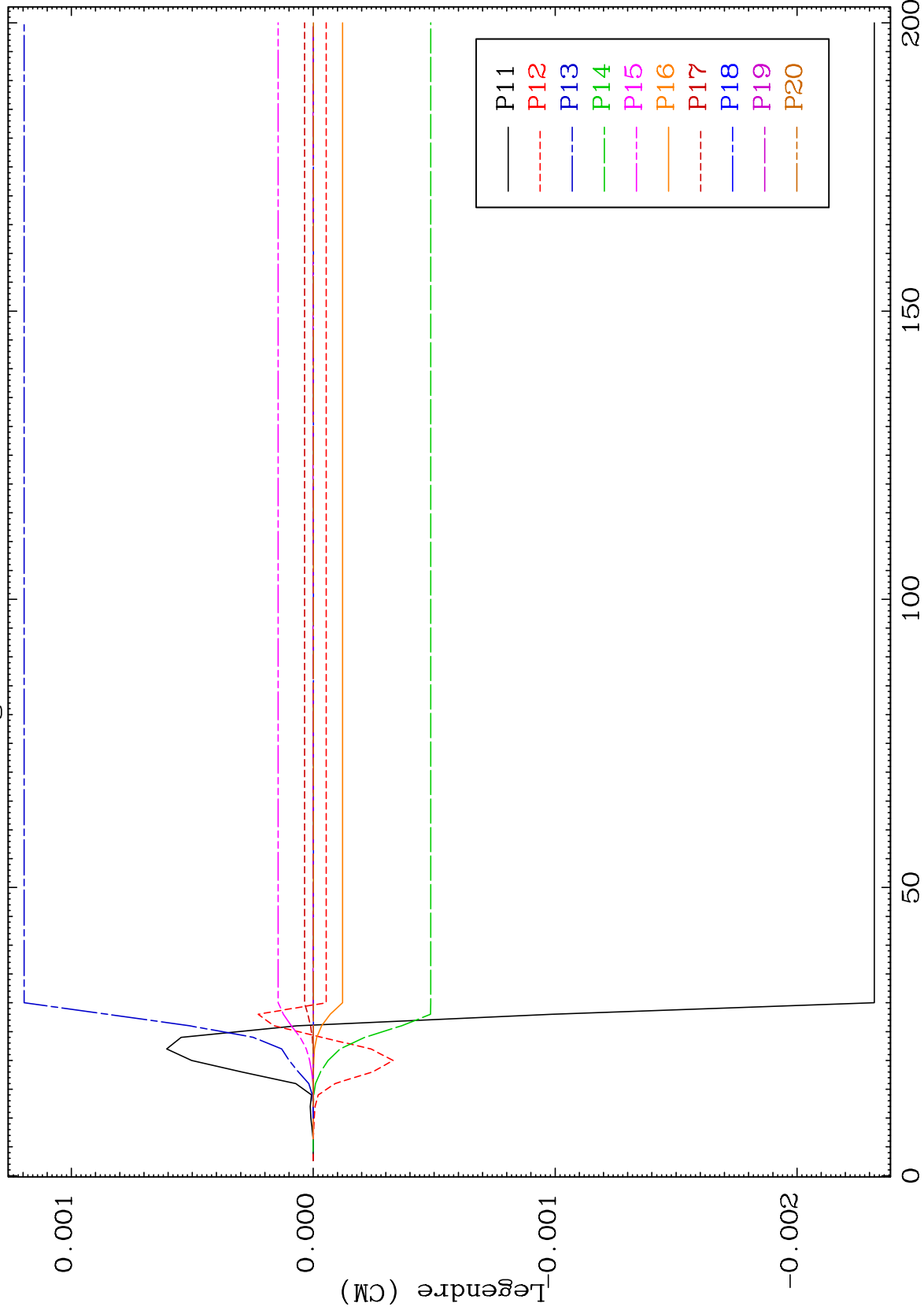




MAT 6064

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

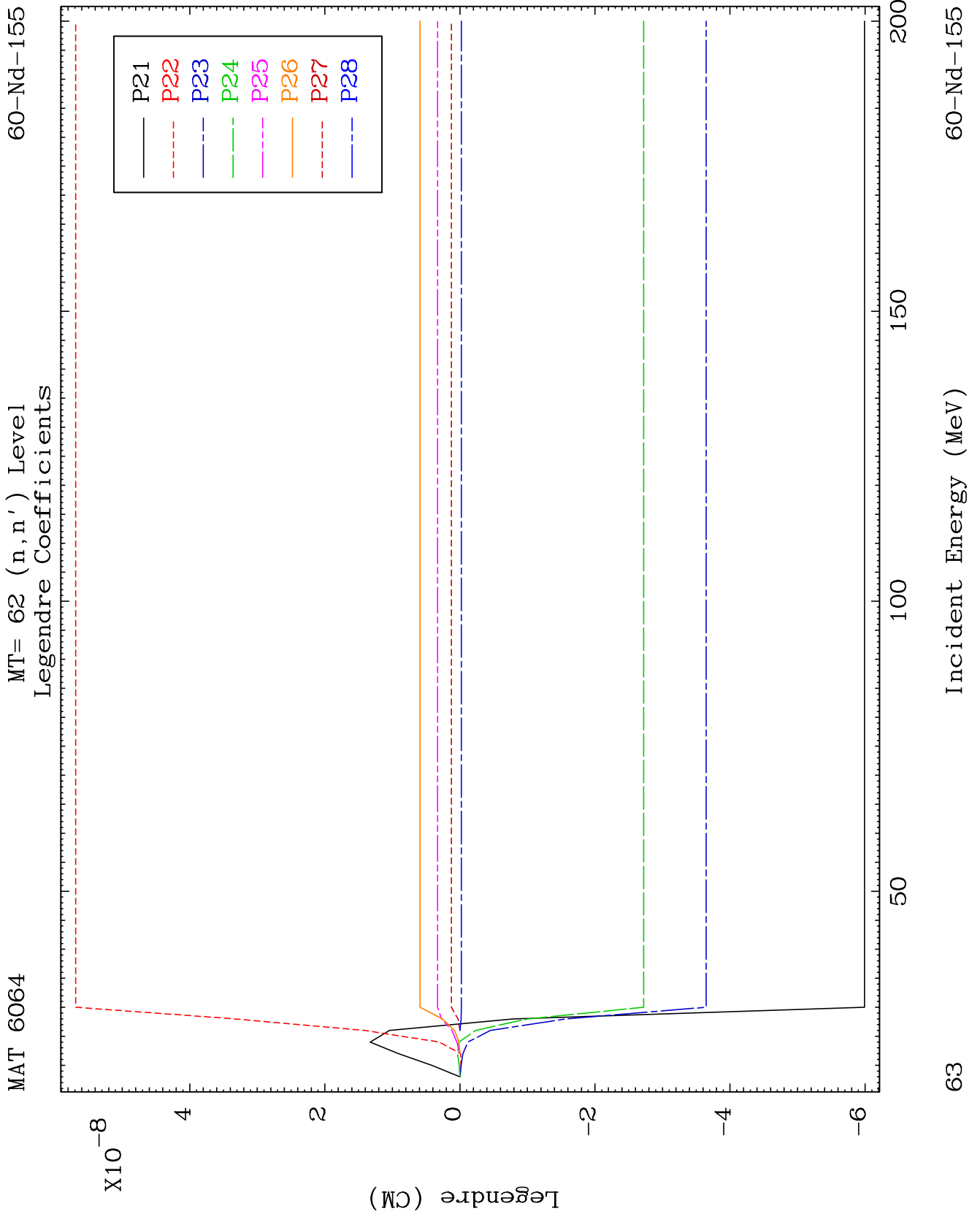
60-Nd-155



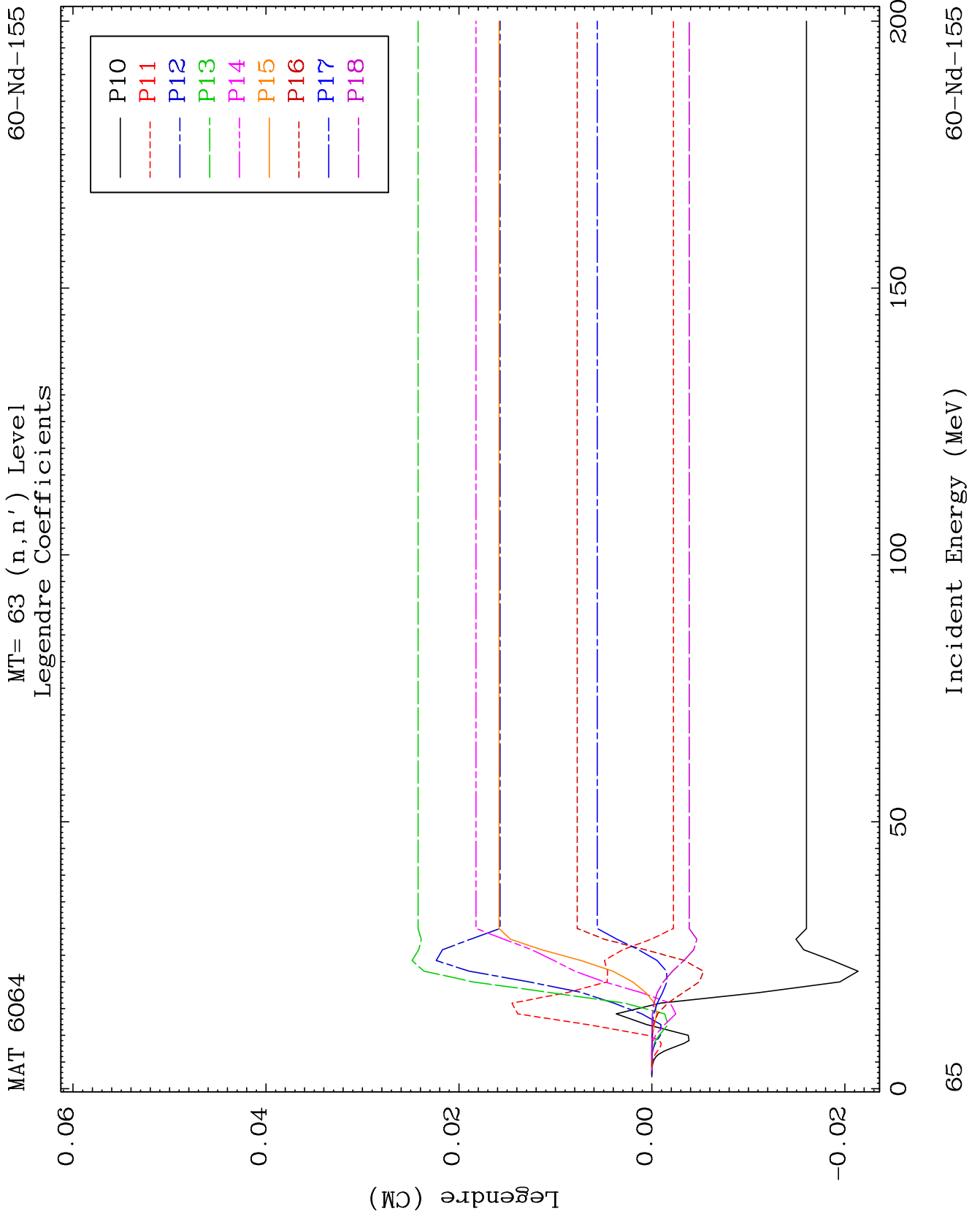
62

Incident Energy (MeV)

60-Nd-155



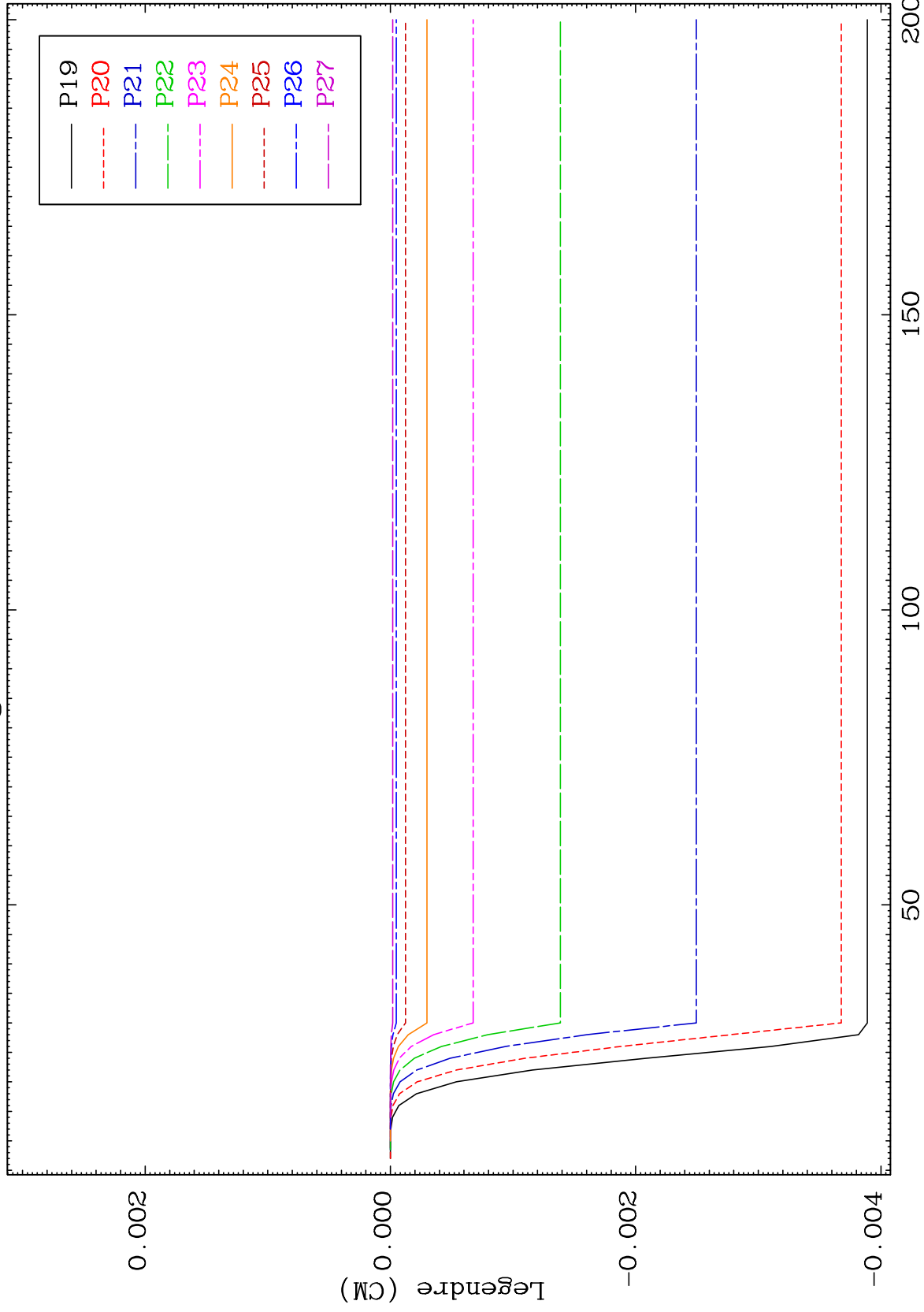




MAT 6064

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

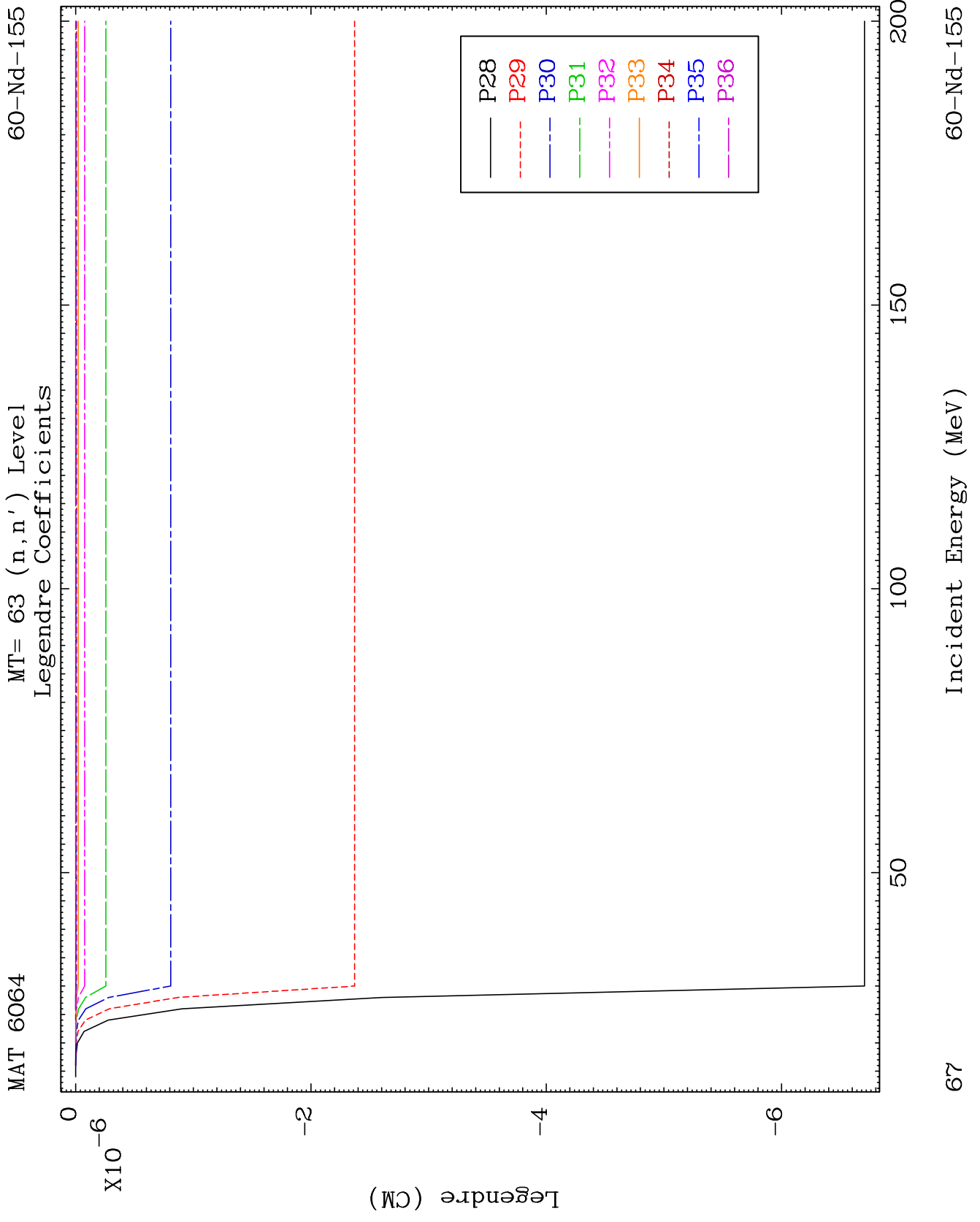
60-Nd-155



66

Incident Energy (MeV)

60-Nd-155

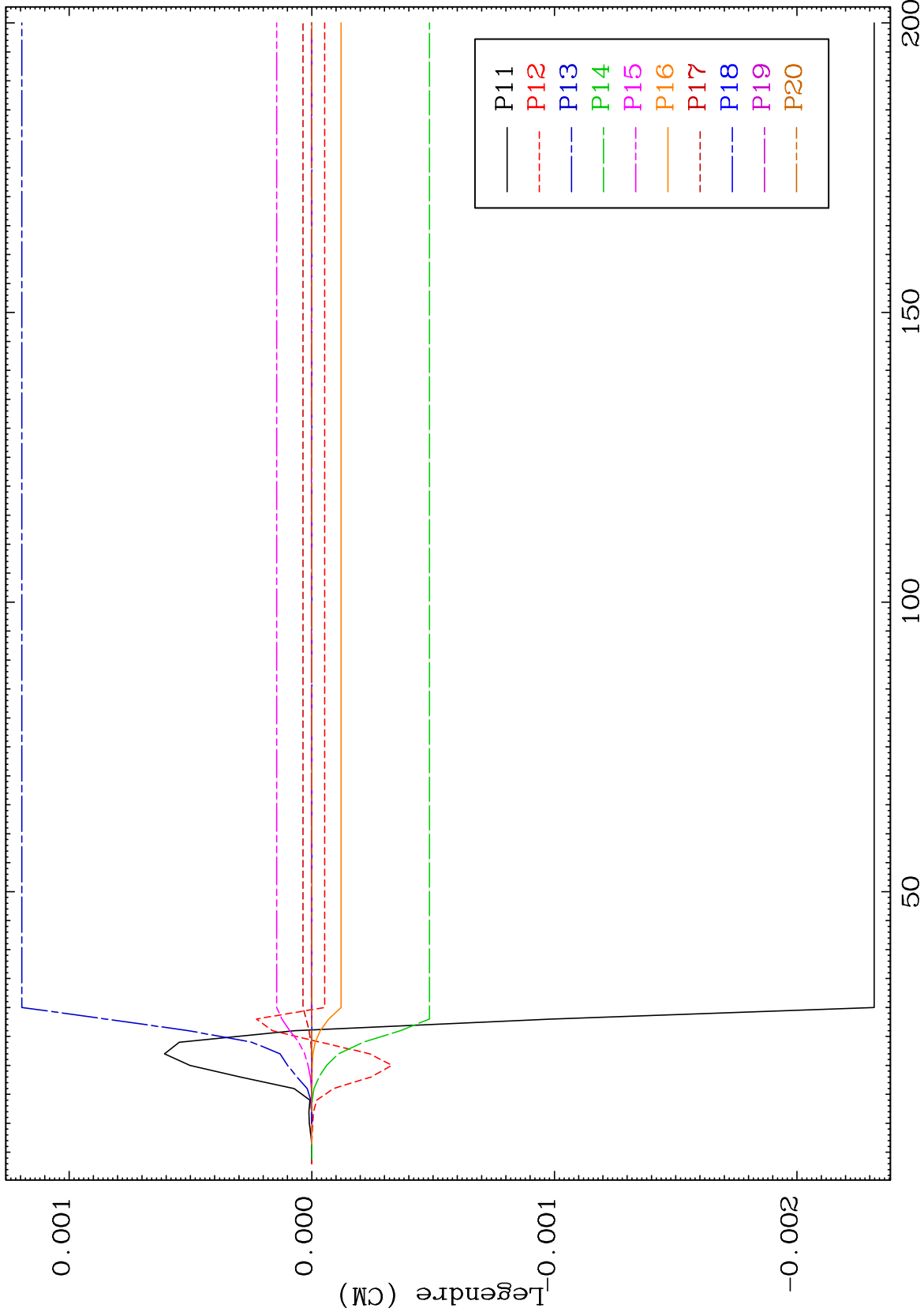




MAT 6064

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

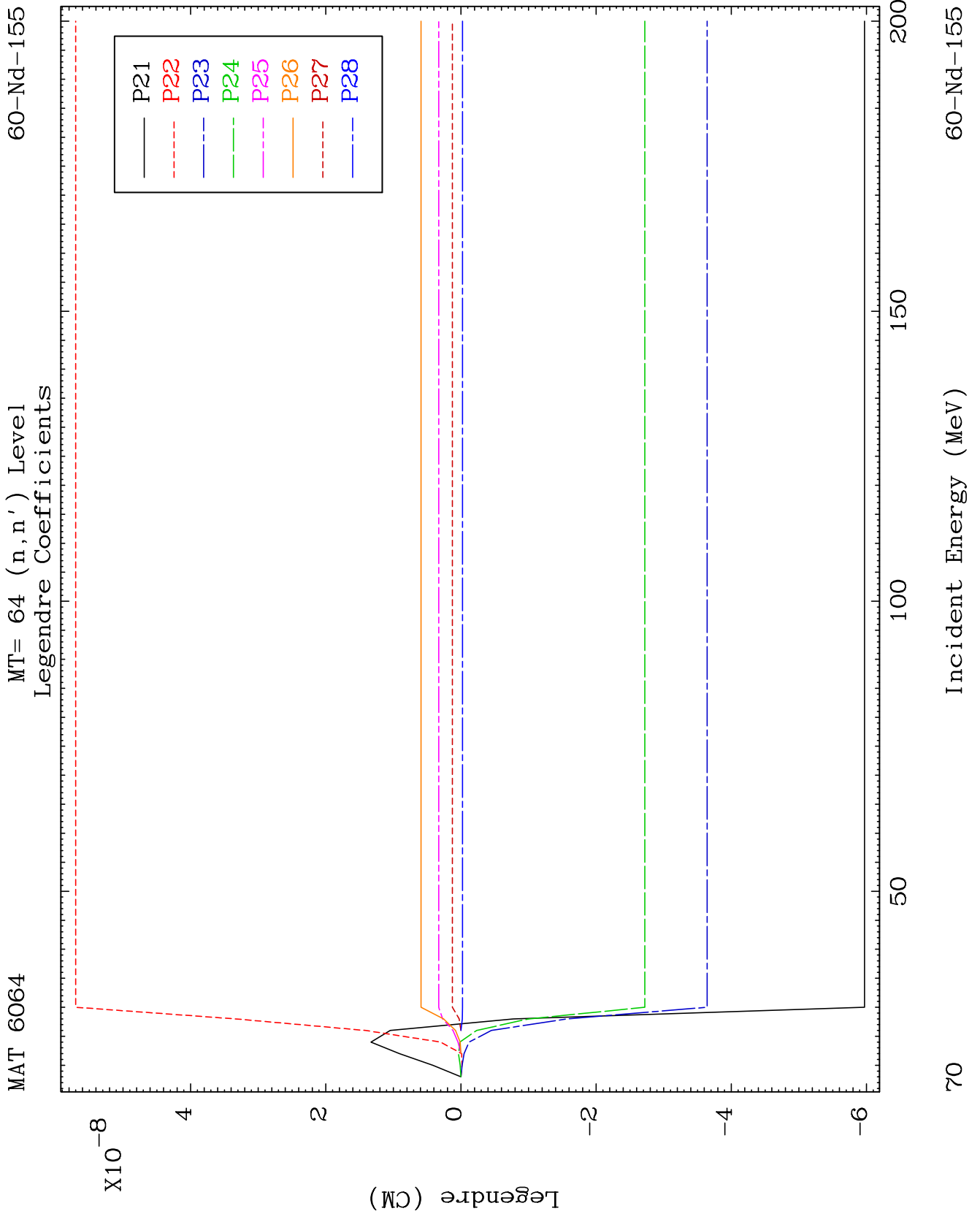
60-Nd-155



69

Incident Energy (MeV)

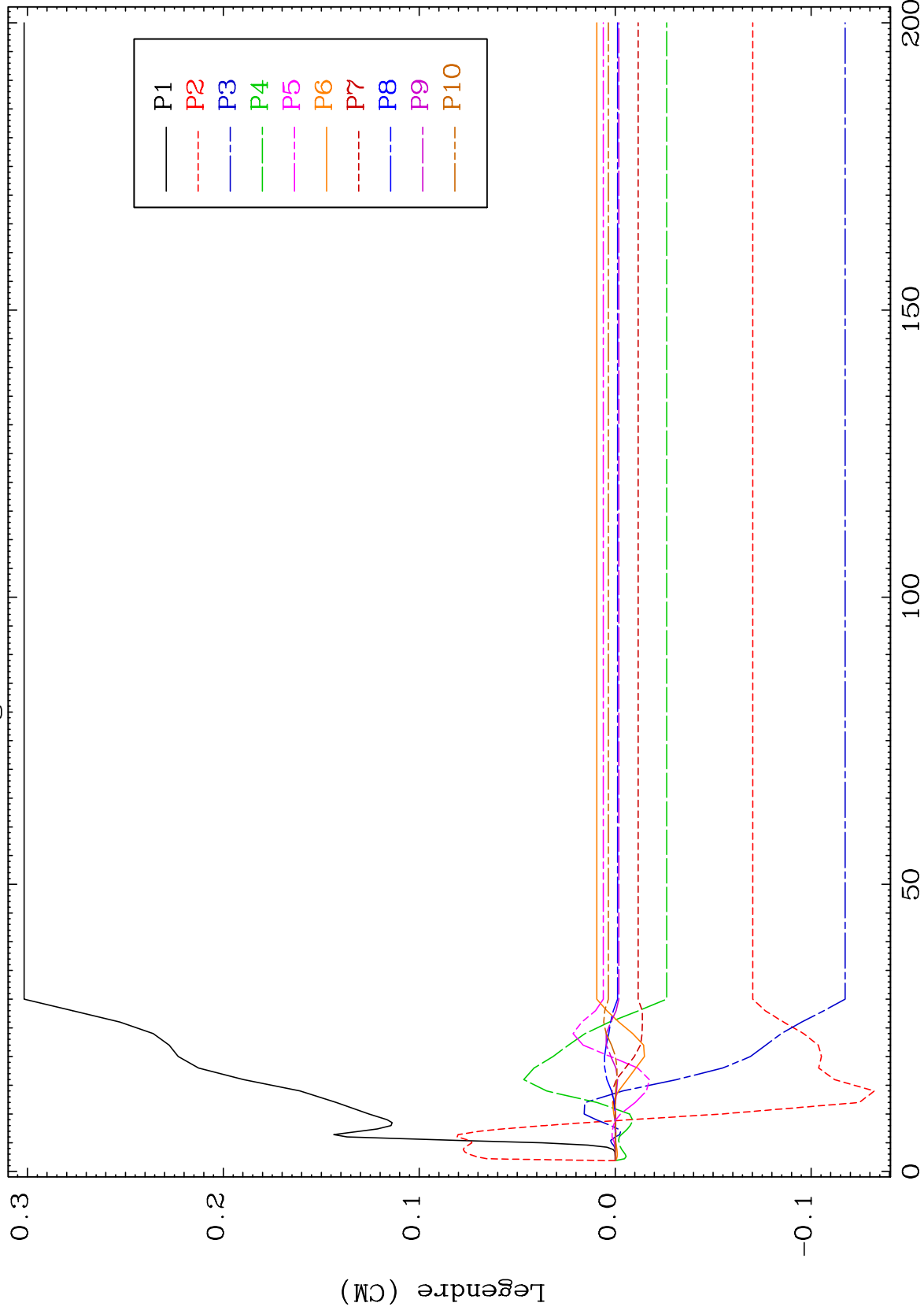
60-Nd-155



MAT 6064

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

60-Nd-155



71

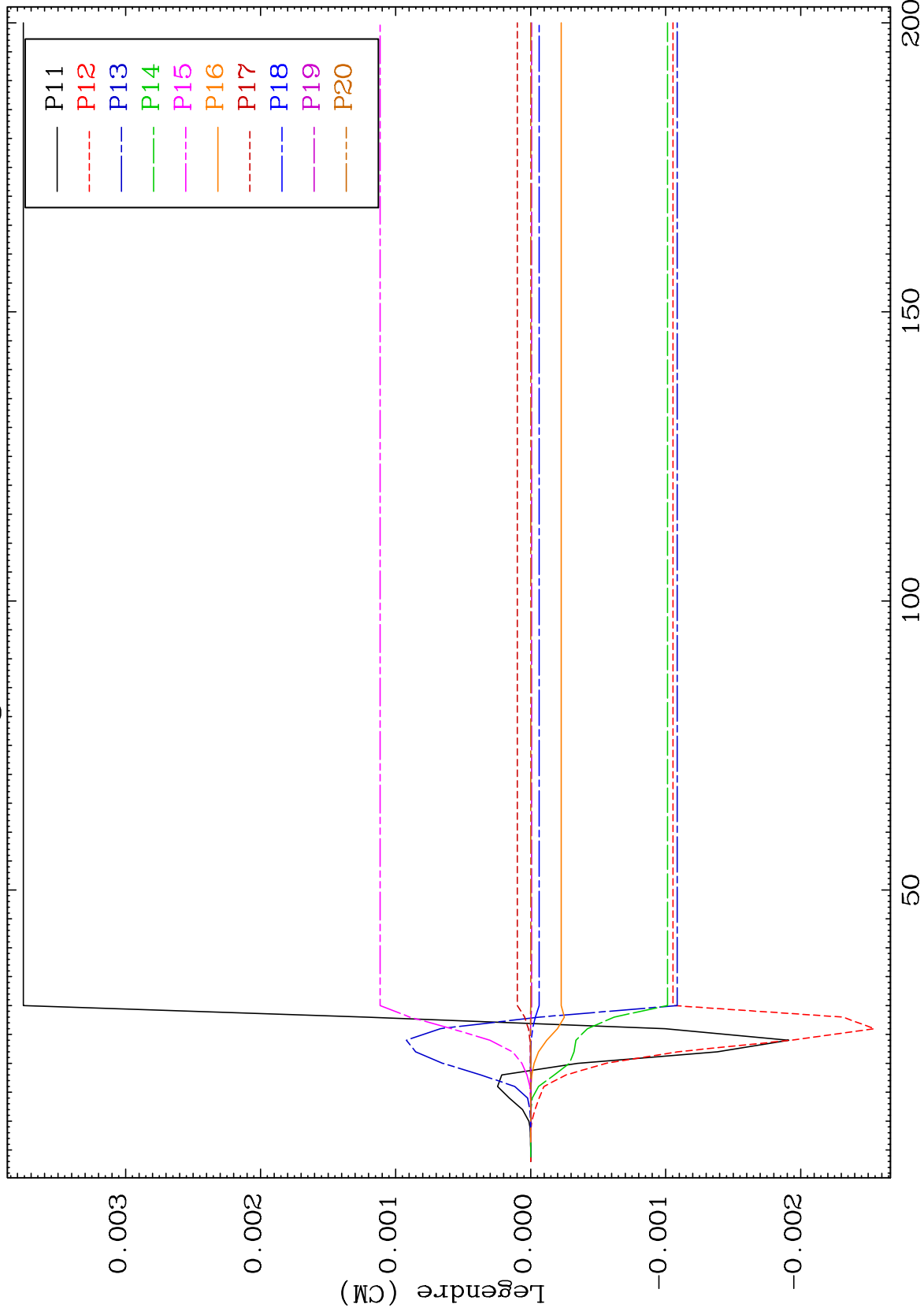
Incident Energy (MeV)

60-Nd-155

MAT 6064

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

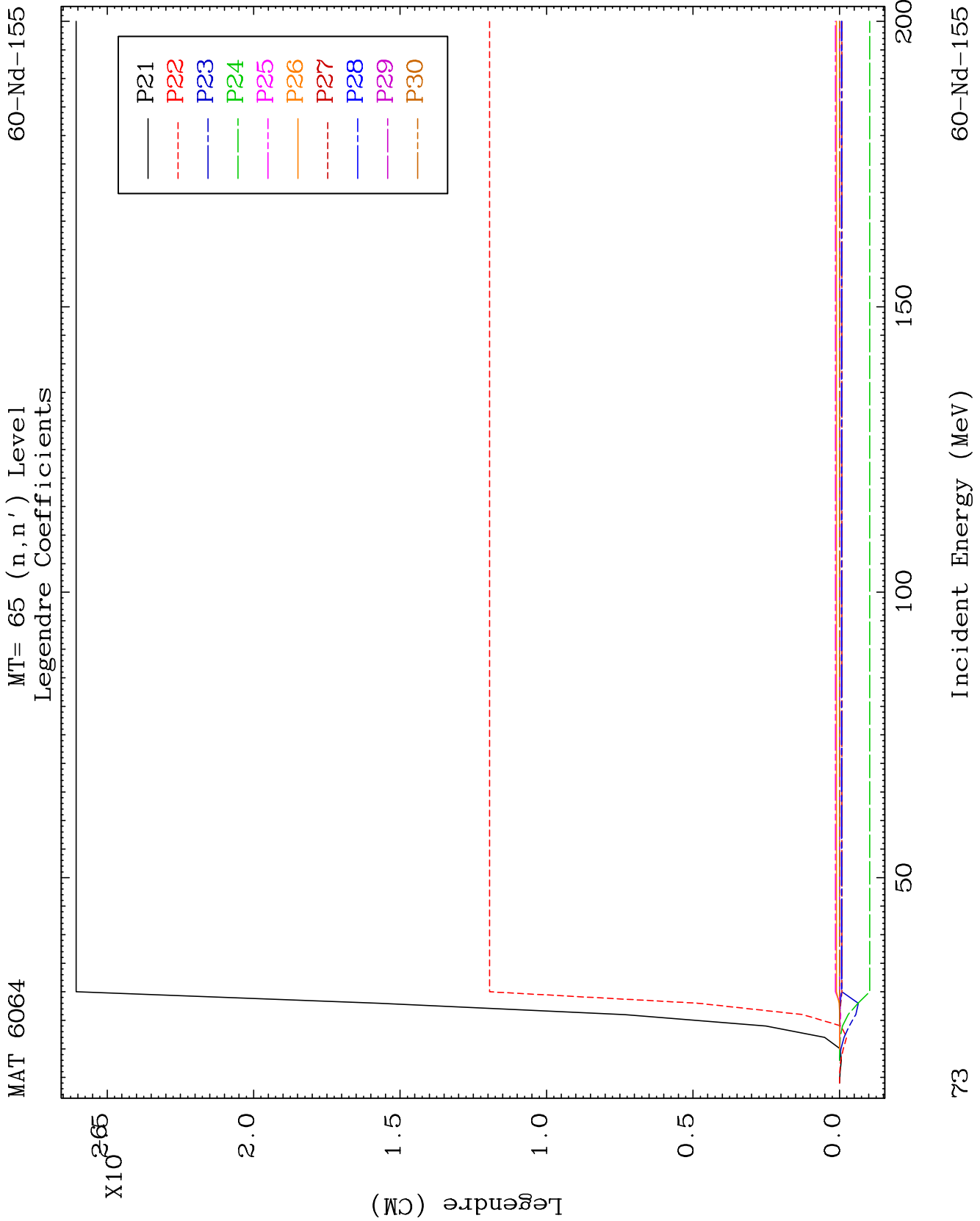
60-Nd-155

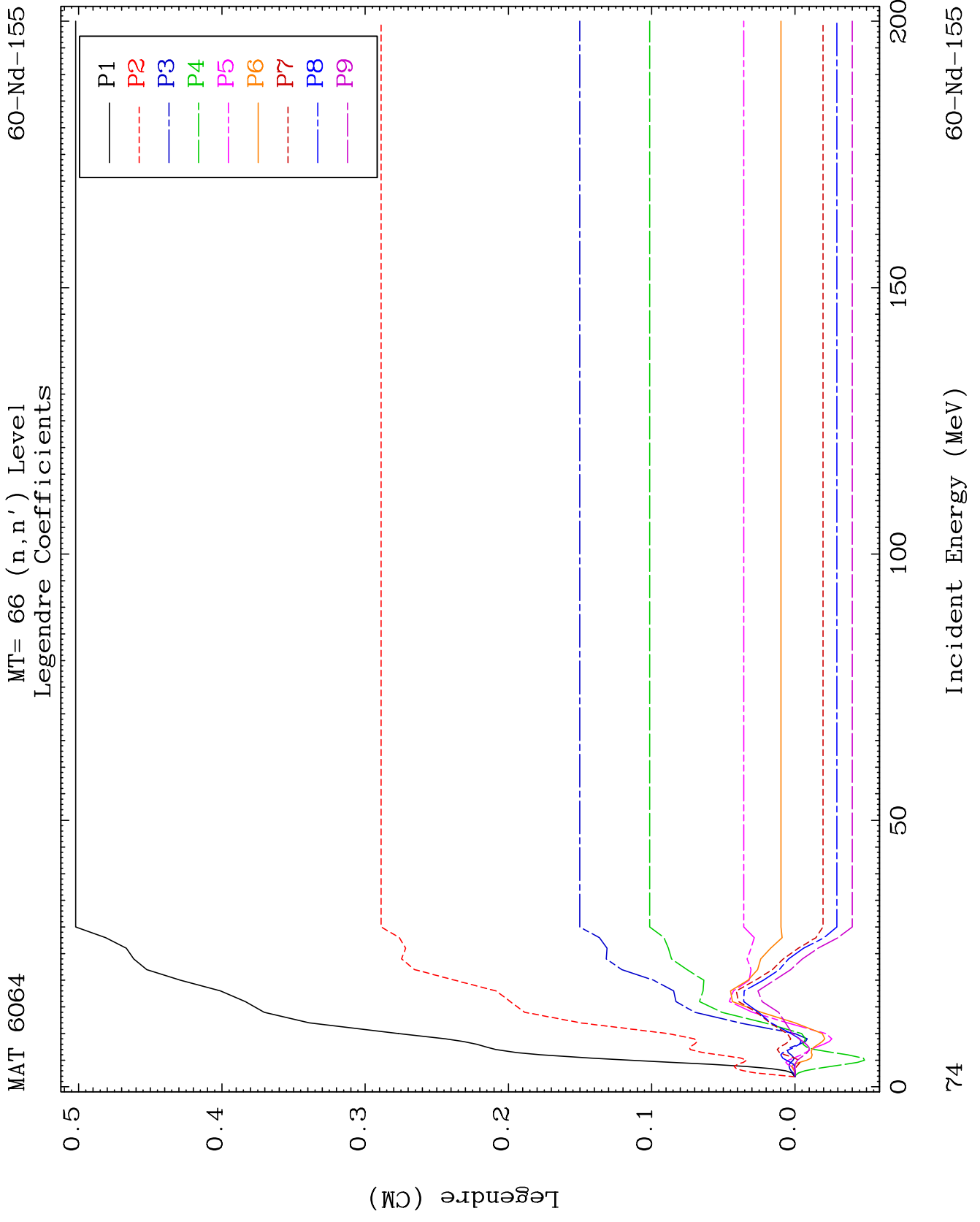


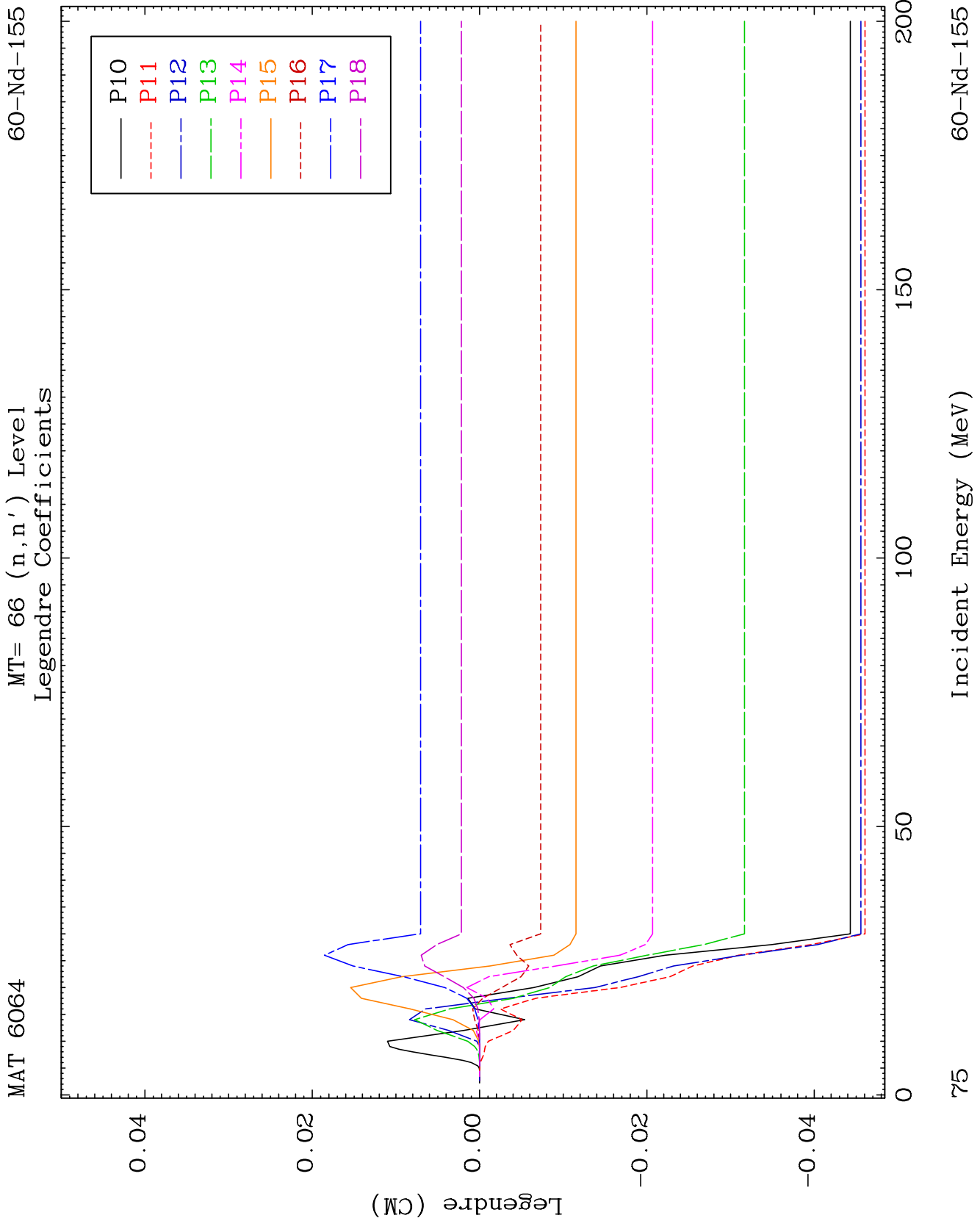
72

Incident Energy (MeV)

60-Nd-155



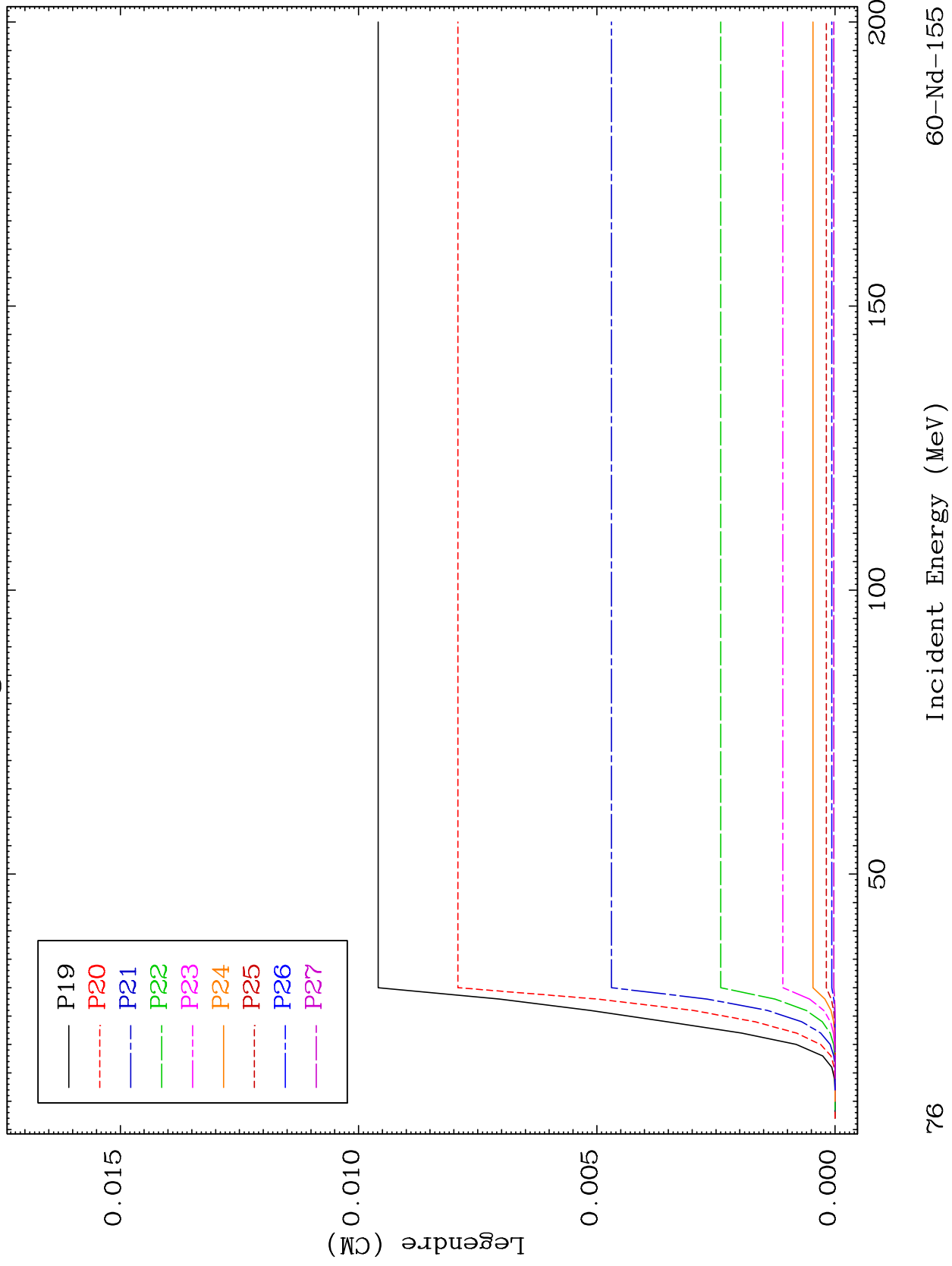




MAT 6064

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

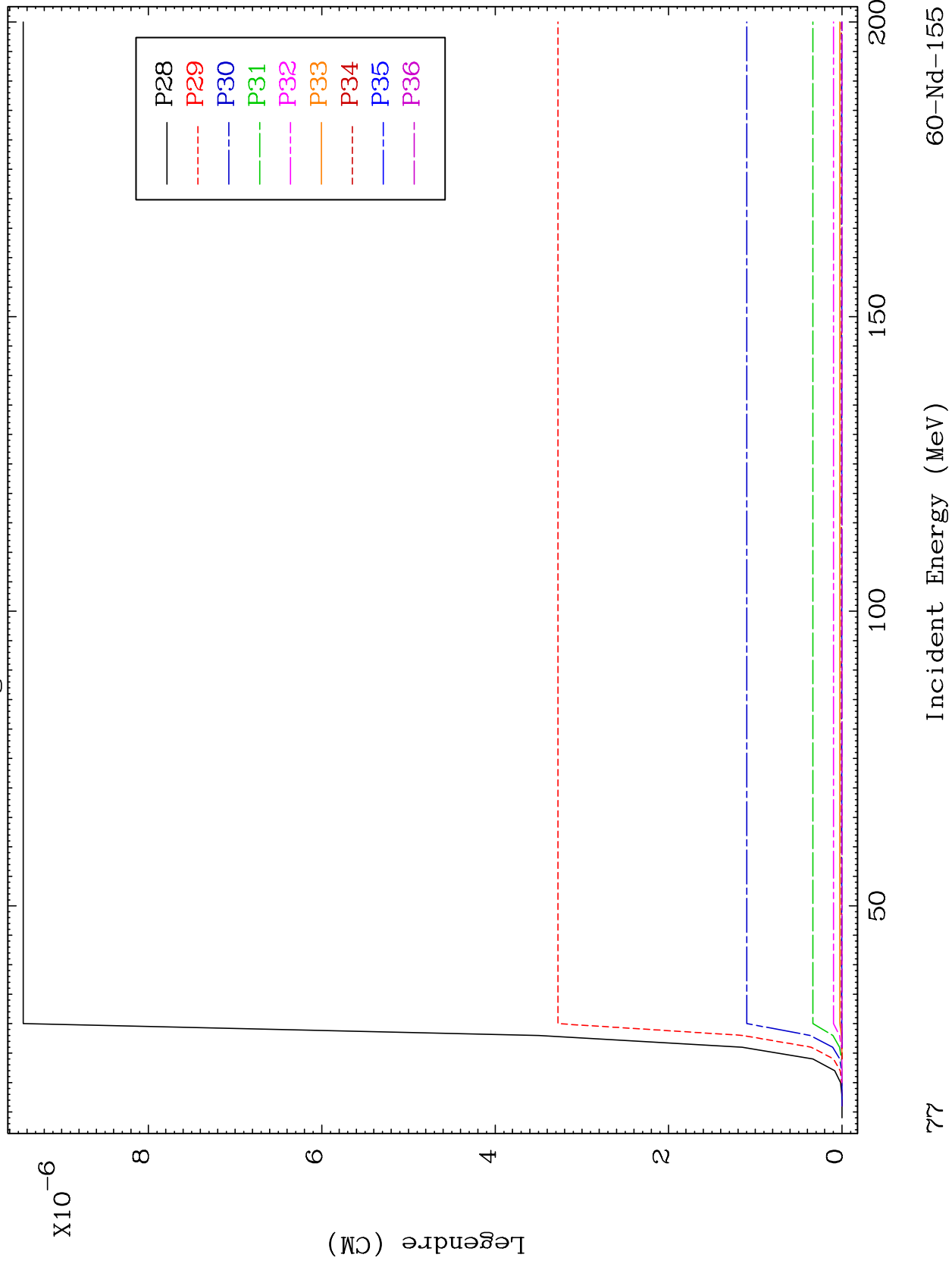
60-Nd-155



MAT 6064

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

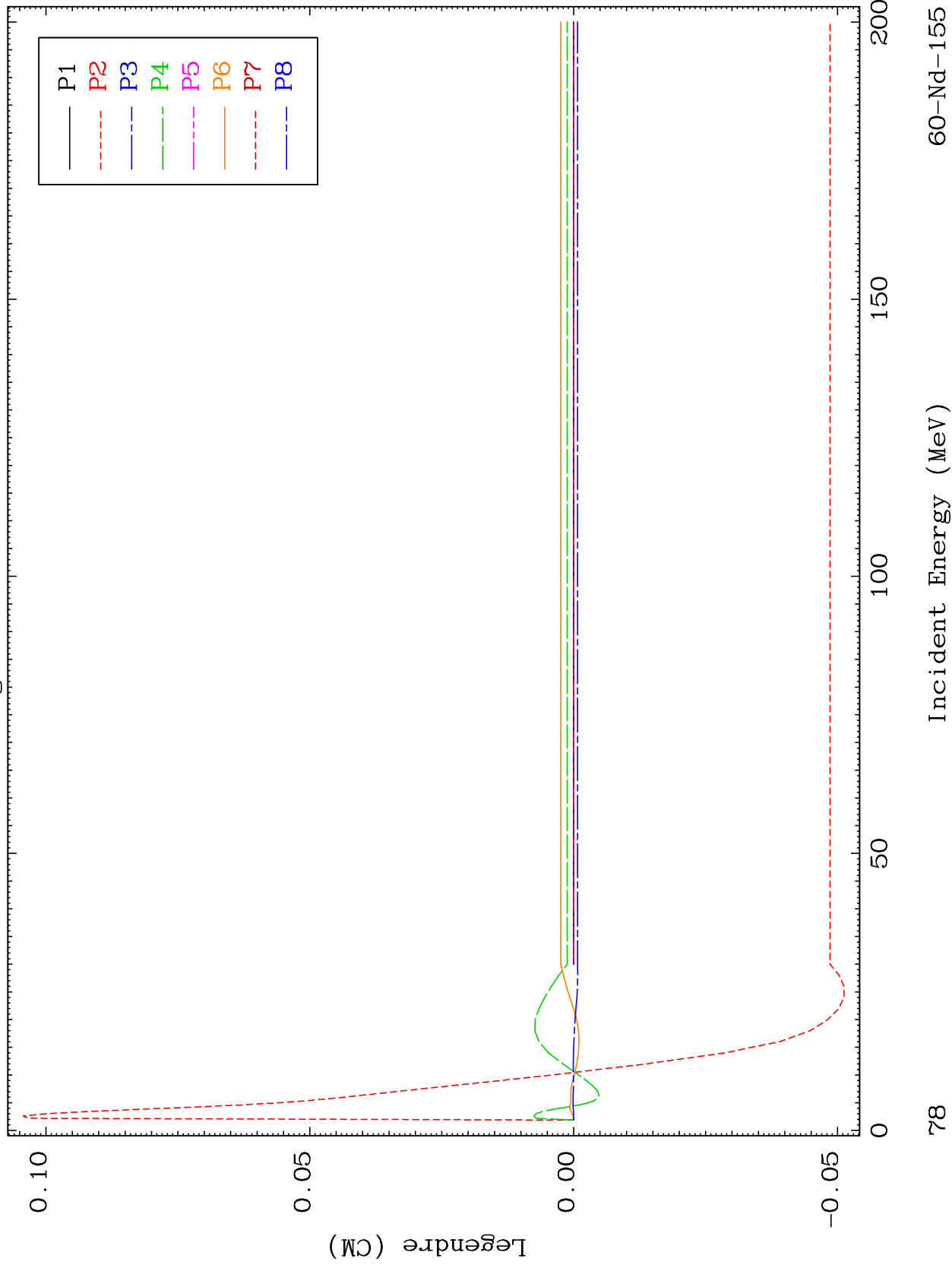
60-Nd-155



MAT 6064

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

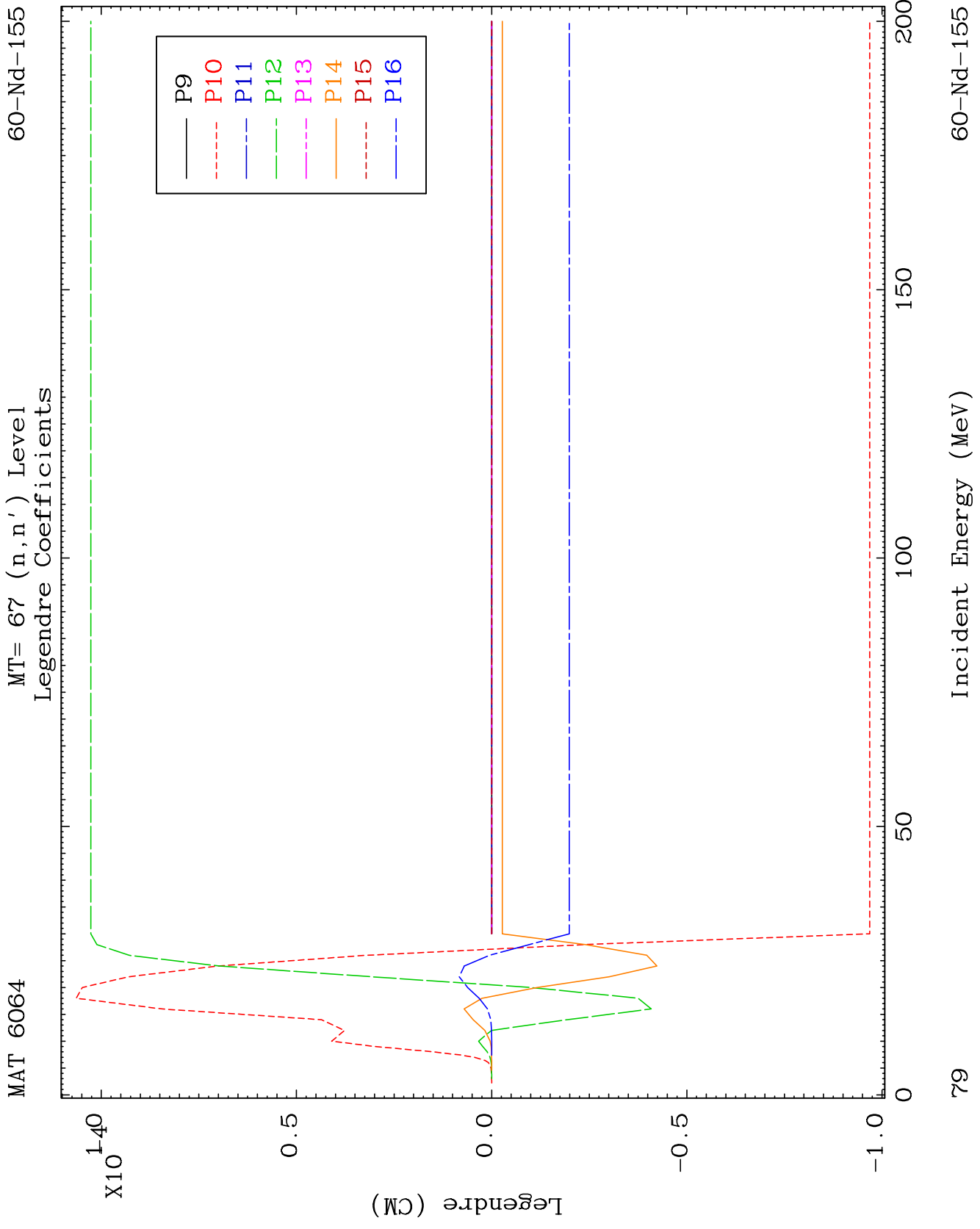
60-Nd-155



60-Nd-155

Incident Energy (MeV)

78

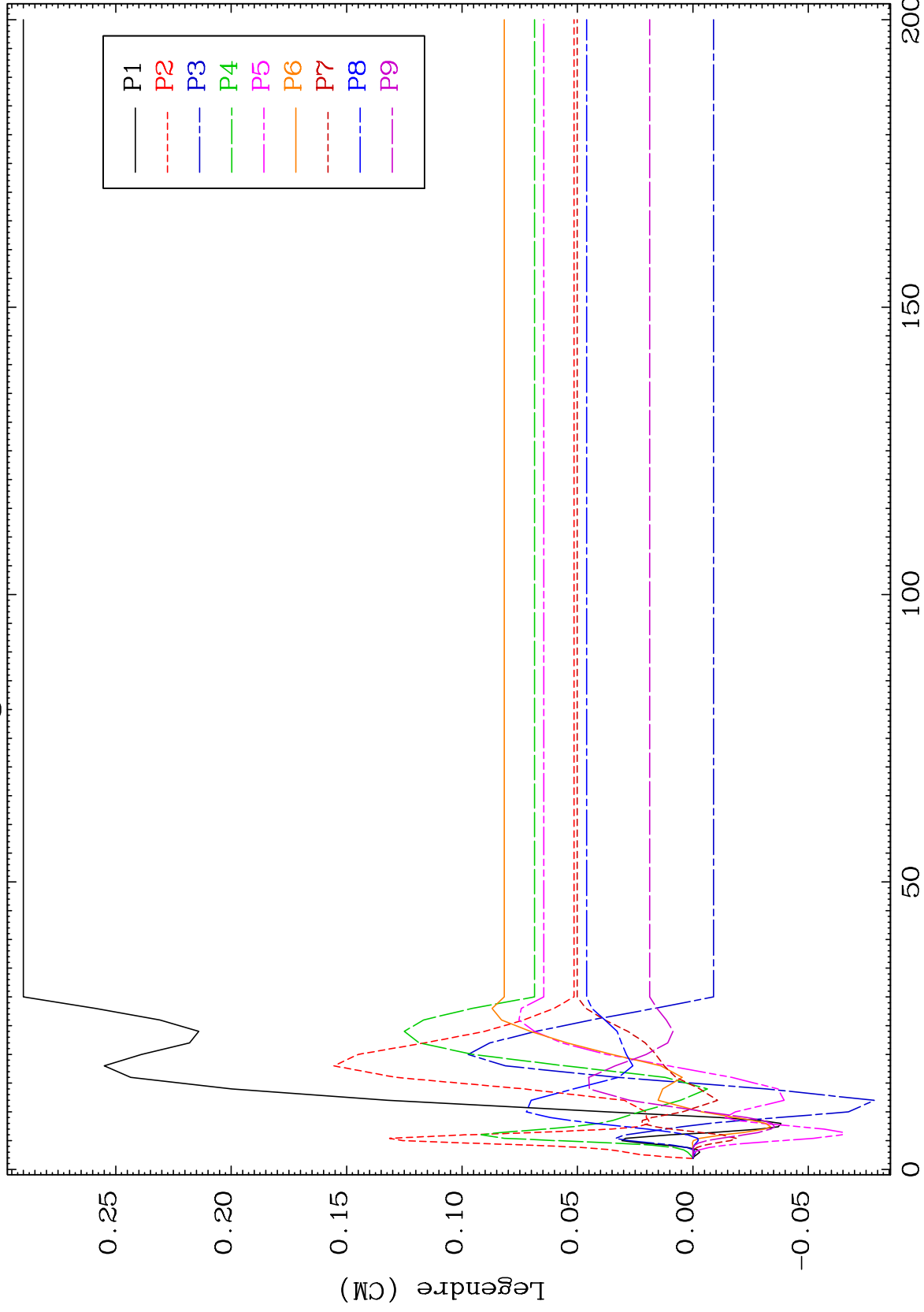




MAT 6064

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

60-Nd-155



60-Nd-155

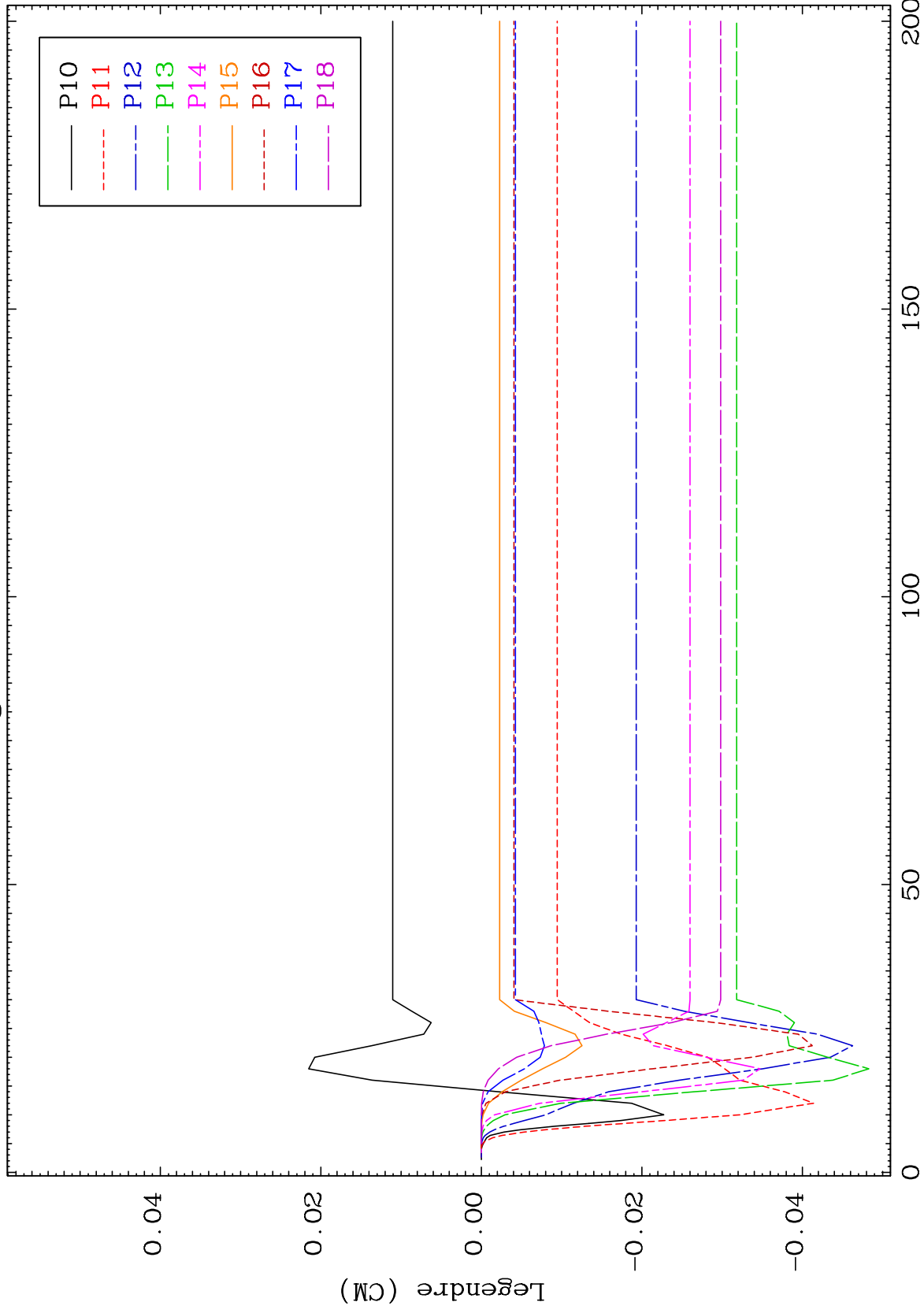
Incident Energy (MeV)

81

MAT 6064

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

60-Nd-155



82

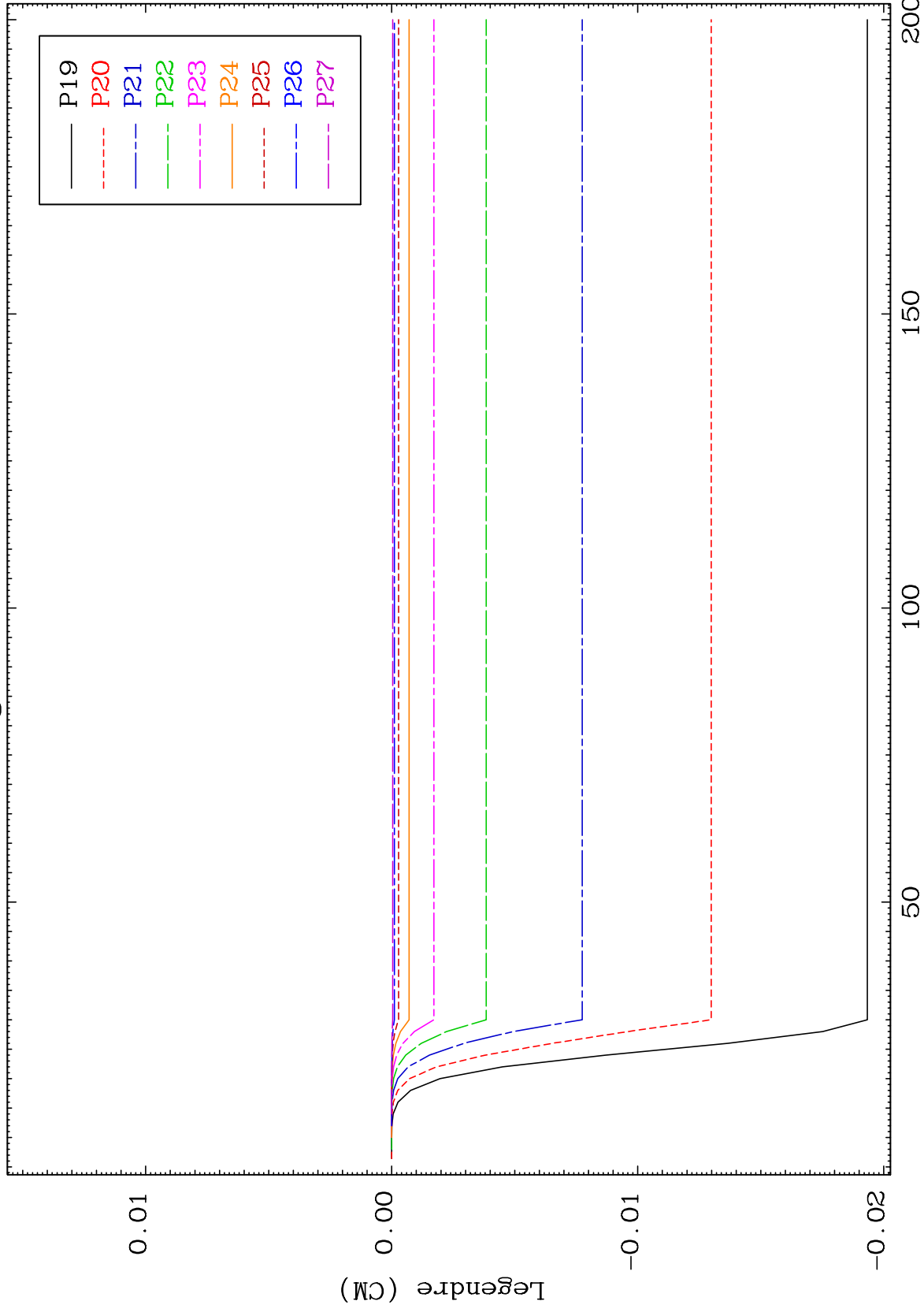
Incident Energy (MeV)

60-Nd-155

MAT 6064

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

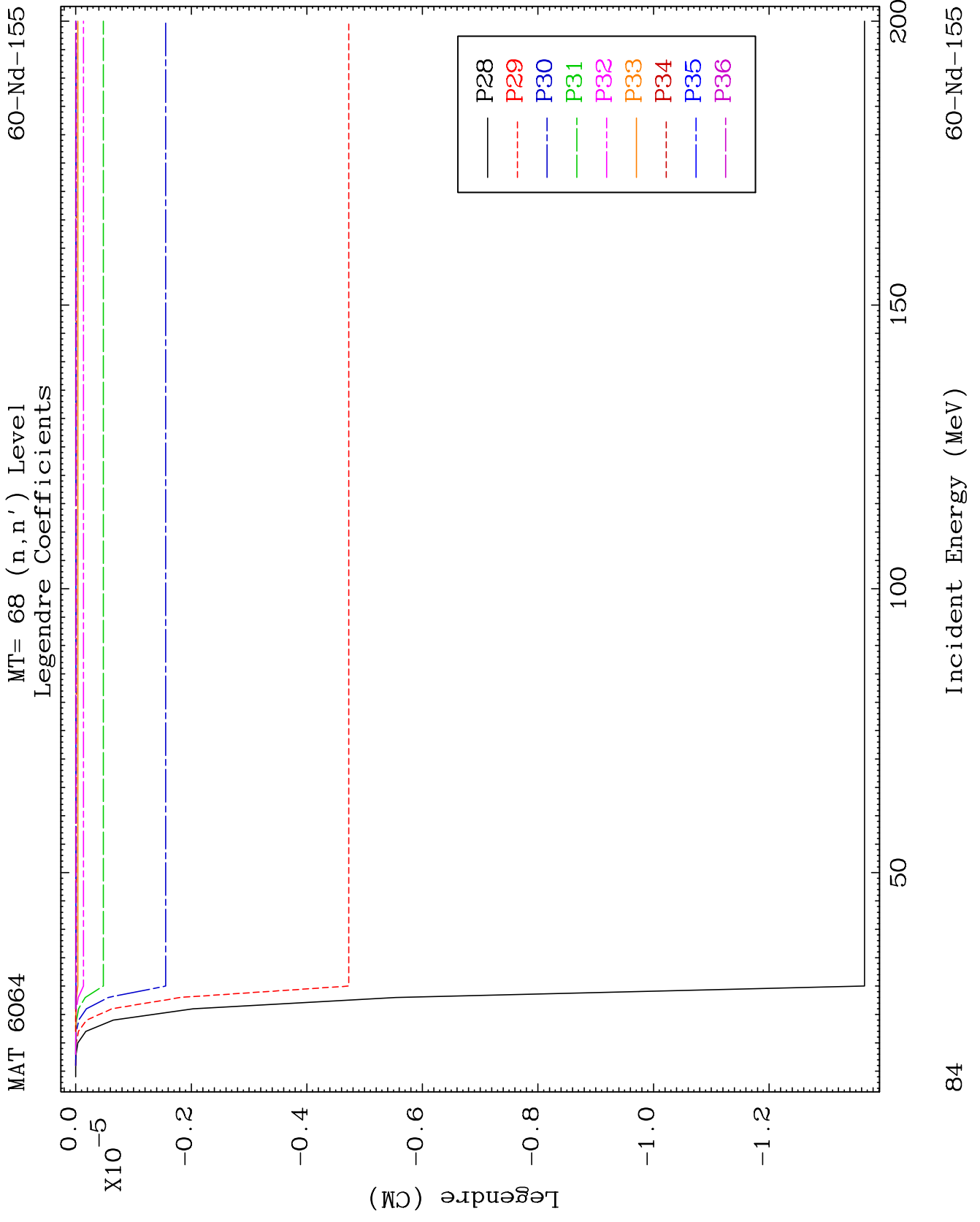
60-Nd-155

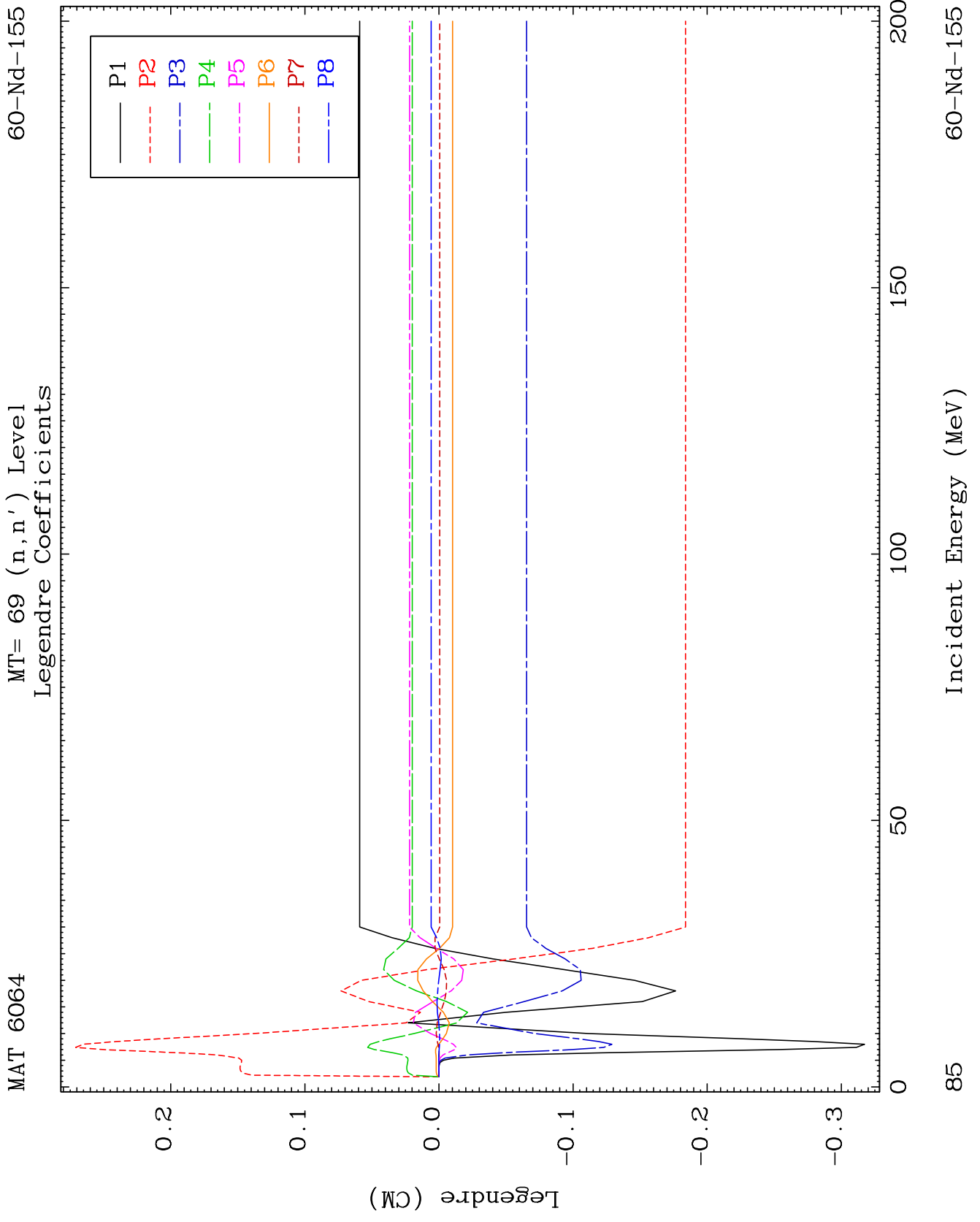


83

Incident Energy (MeV)

60-Nd-155

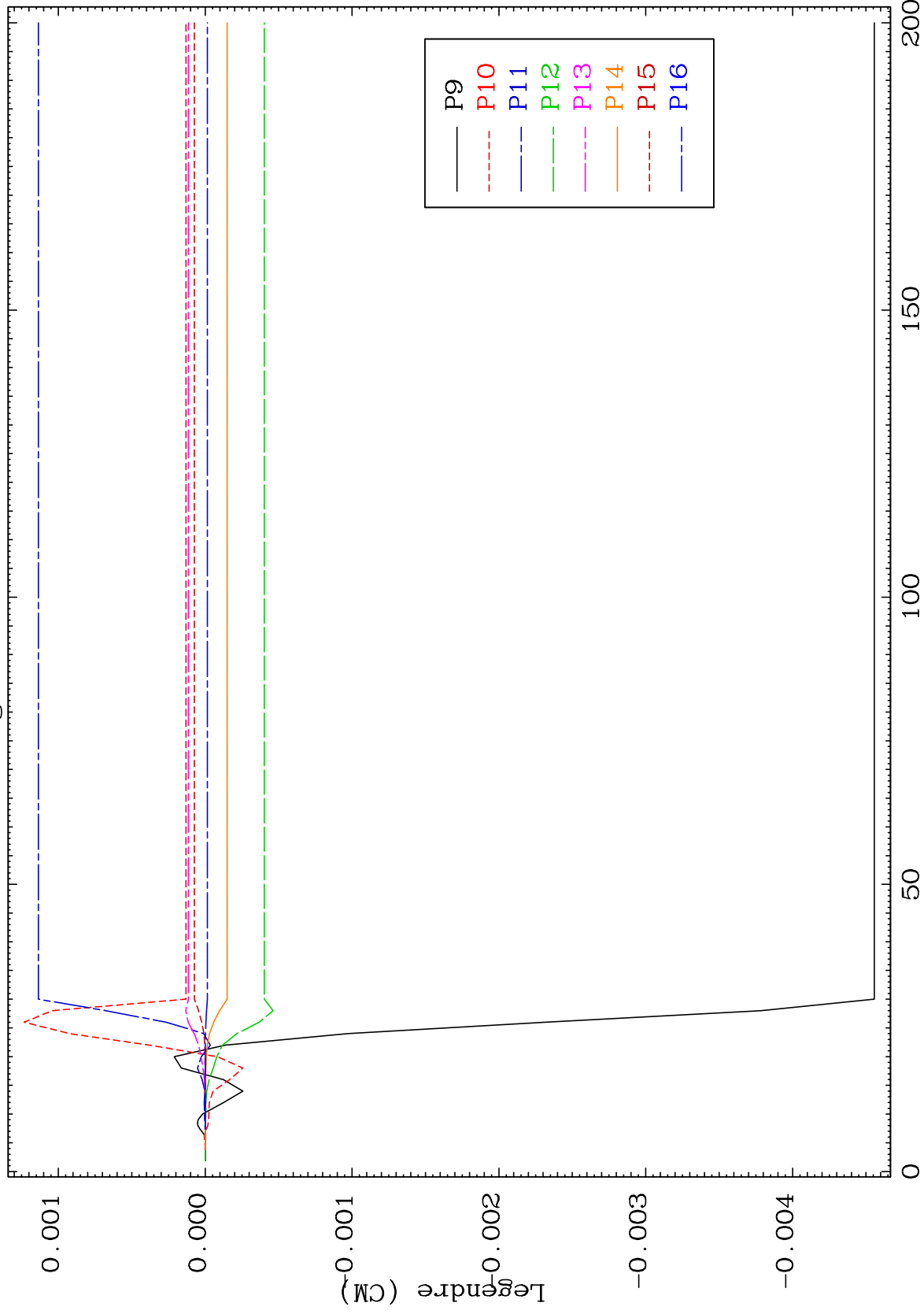




MAT 6064

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

60-Nd-155



86

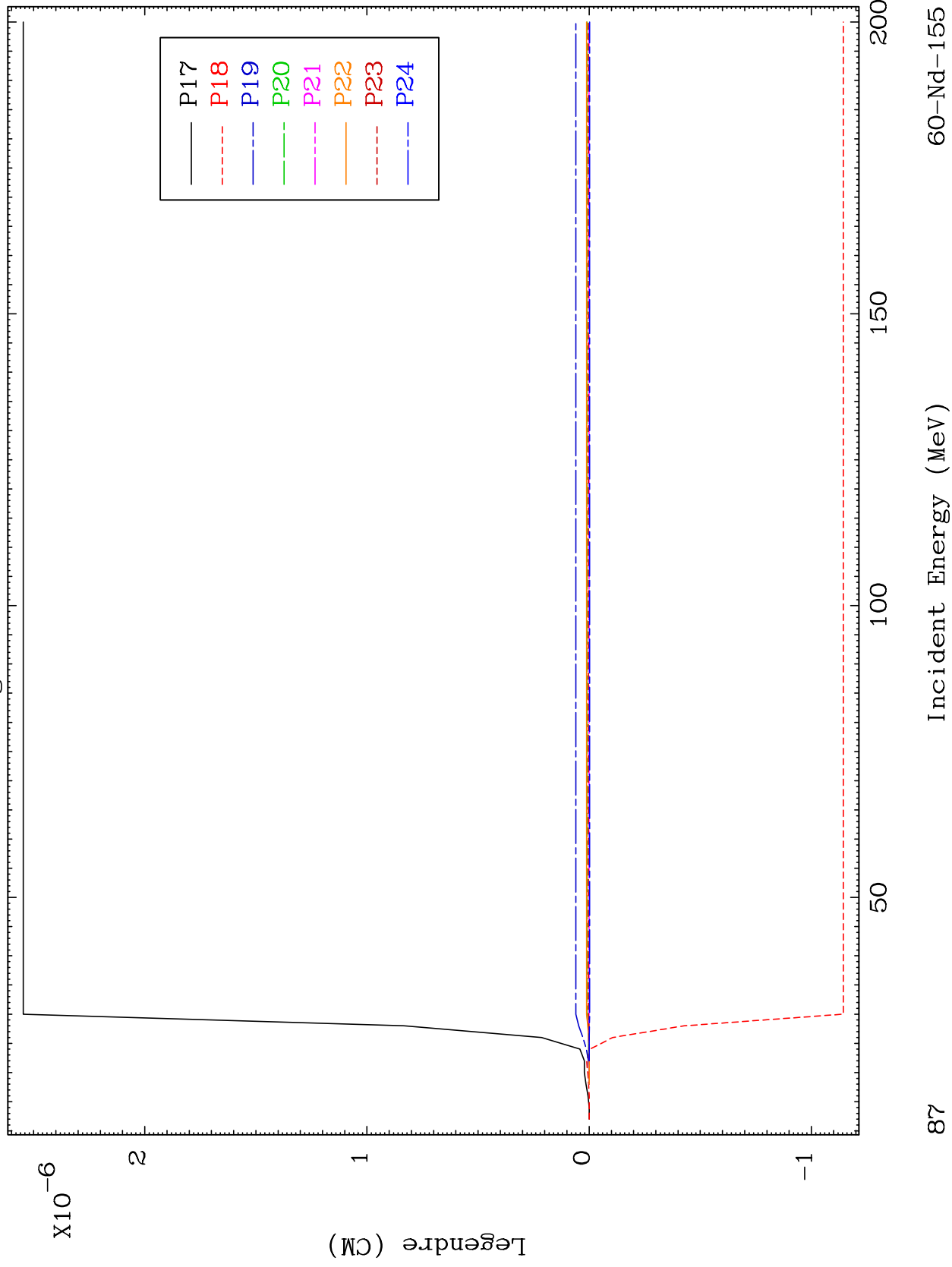
Incident Energy (MeV)

60-Nd-155

MAT 6064

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

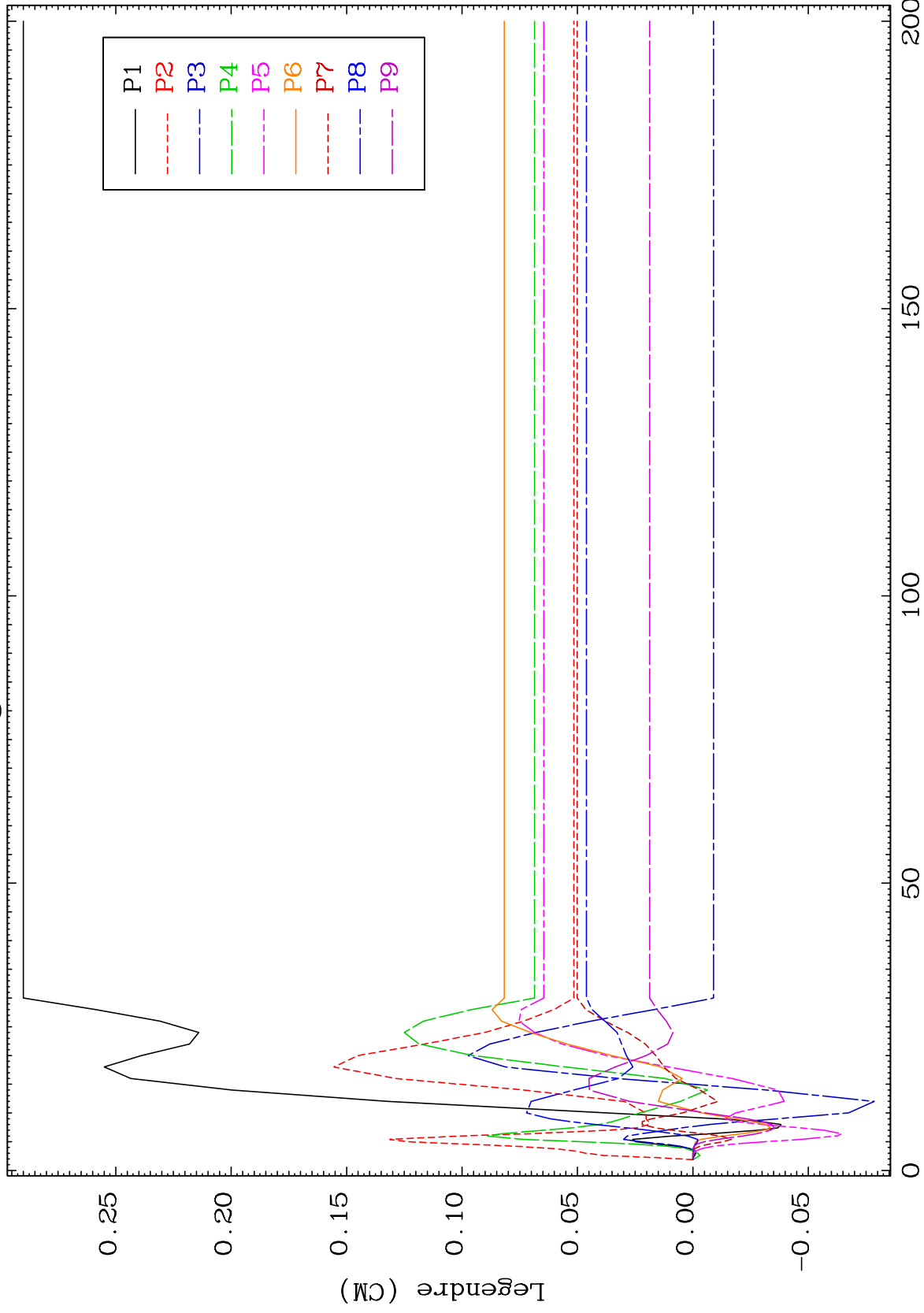
60-Nd-155



MAT 6064

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

60-Nd-155



88

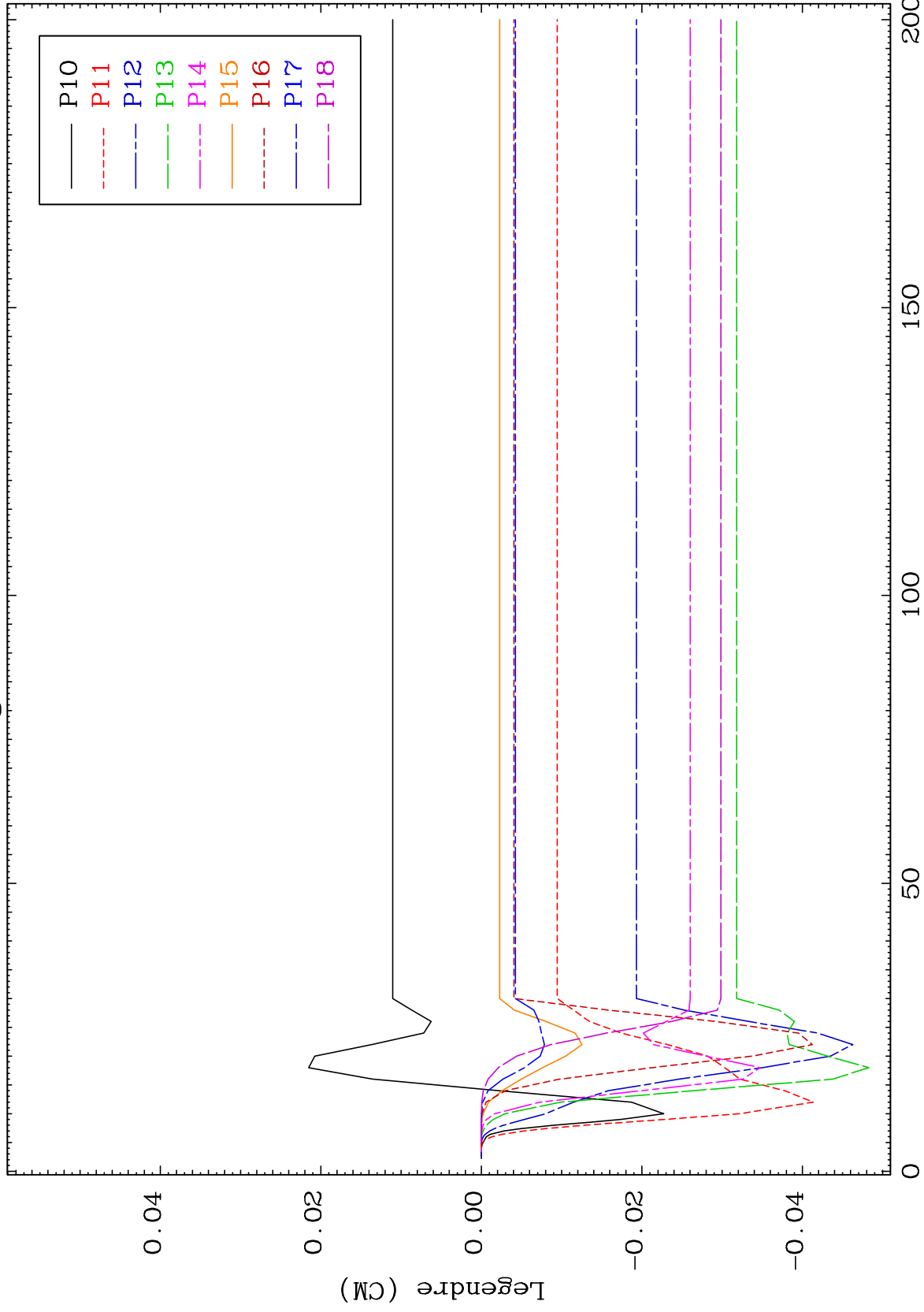
Incident Energy (MeV)

60-Nd-155

MAT 6064

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

60-Nd-155



89

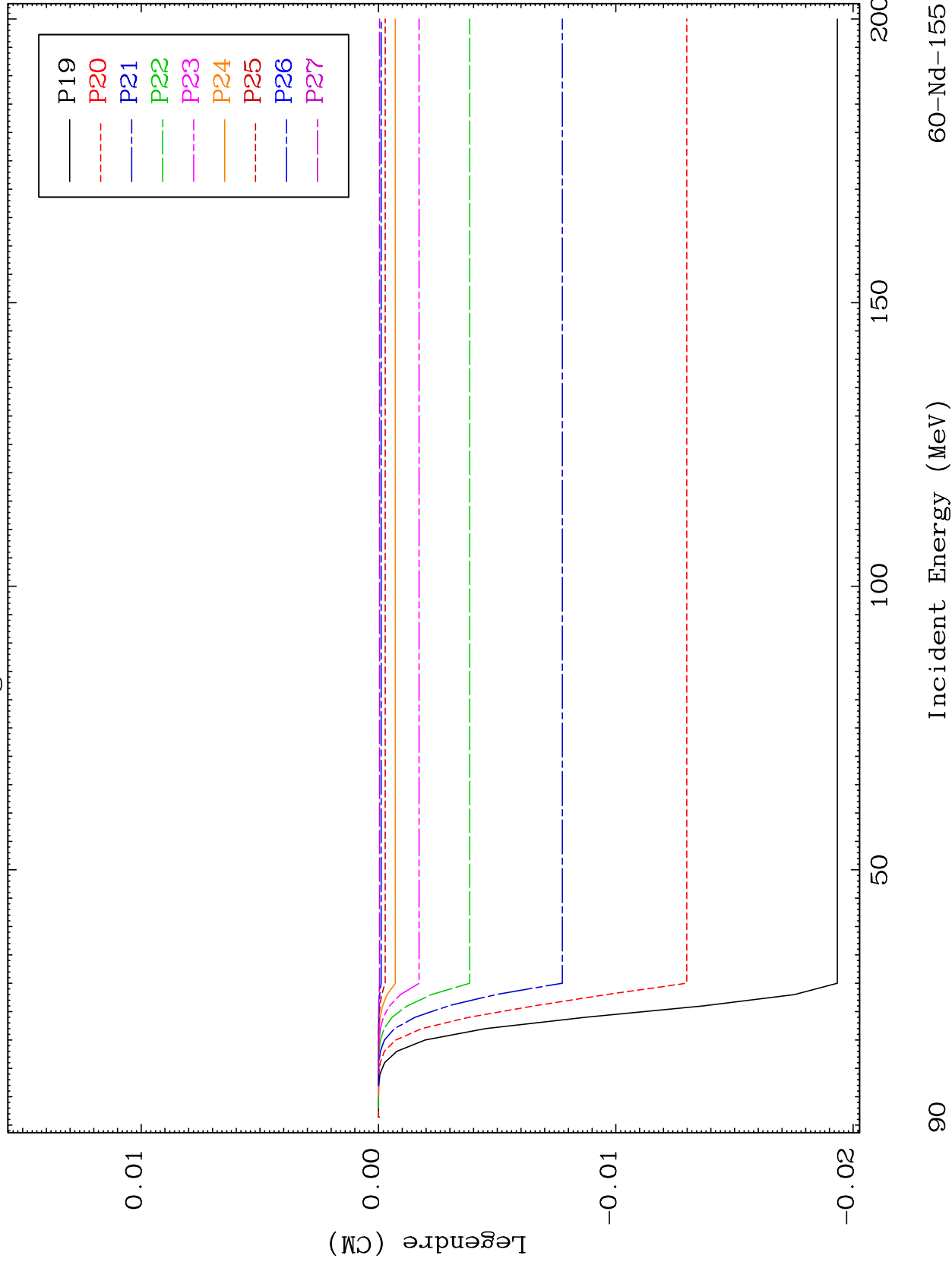
Incident Energy (MeV)

60-Nd-155

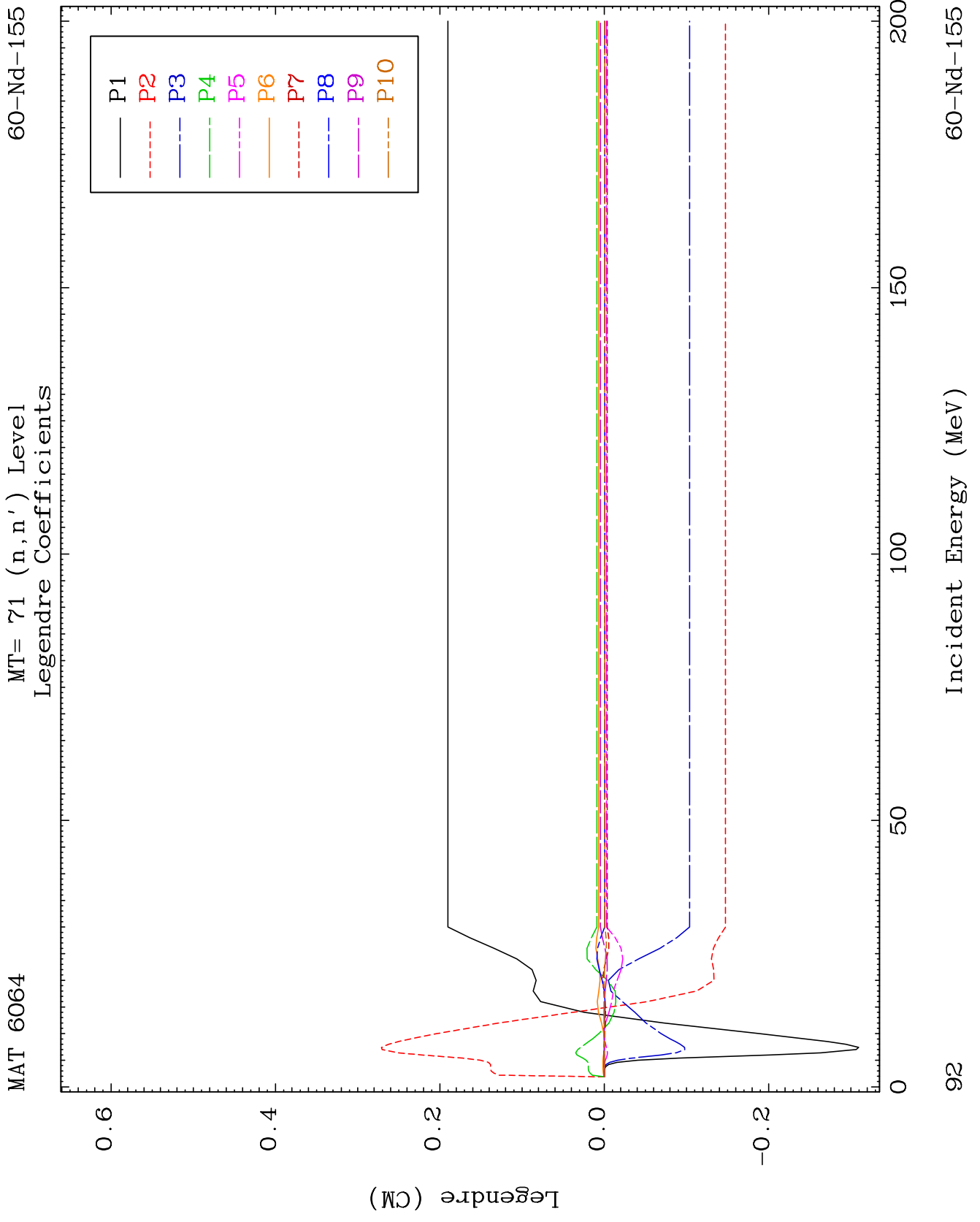
MAT 6064

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

60-Nd-155



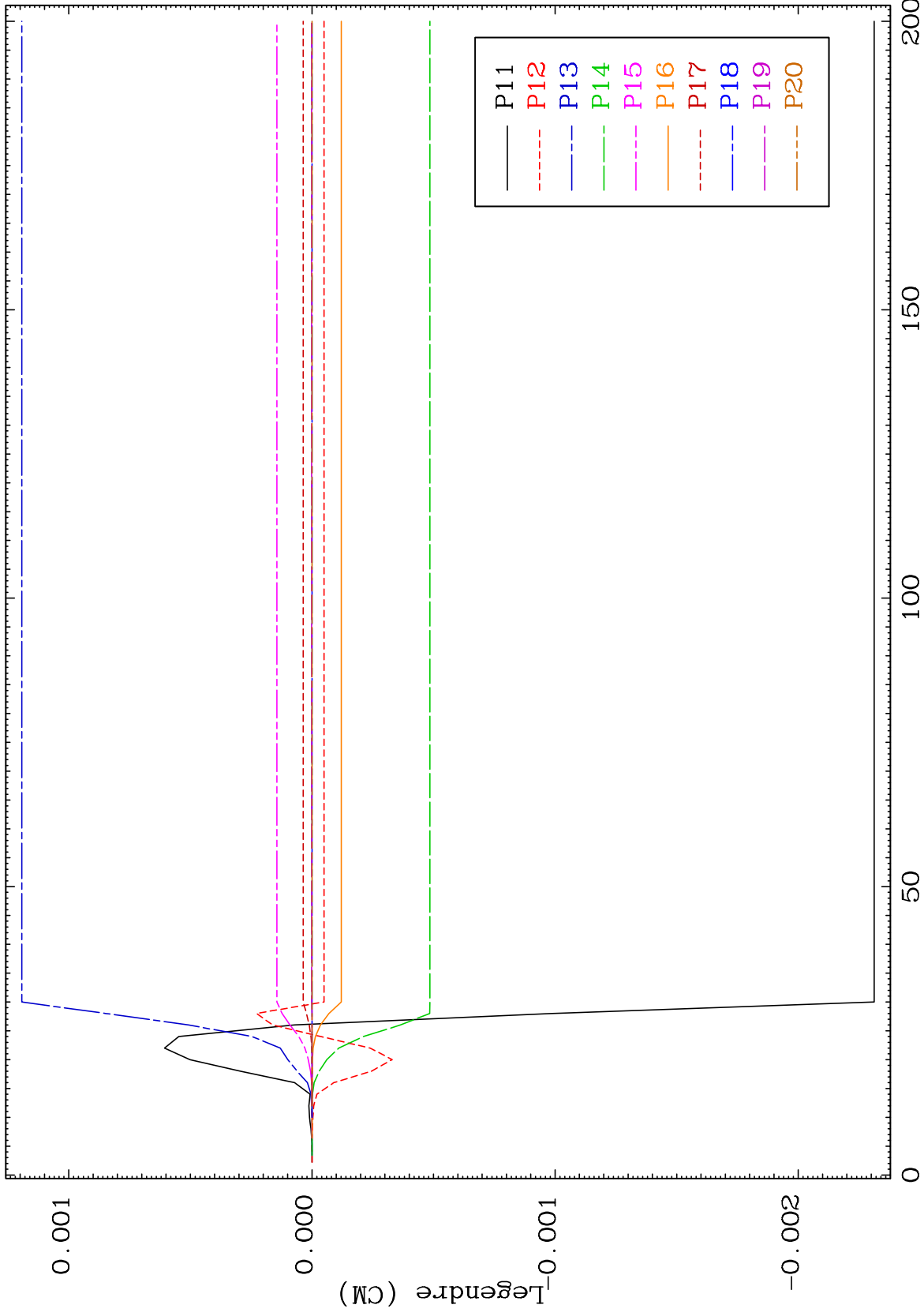




MAT 6064

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

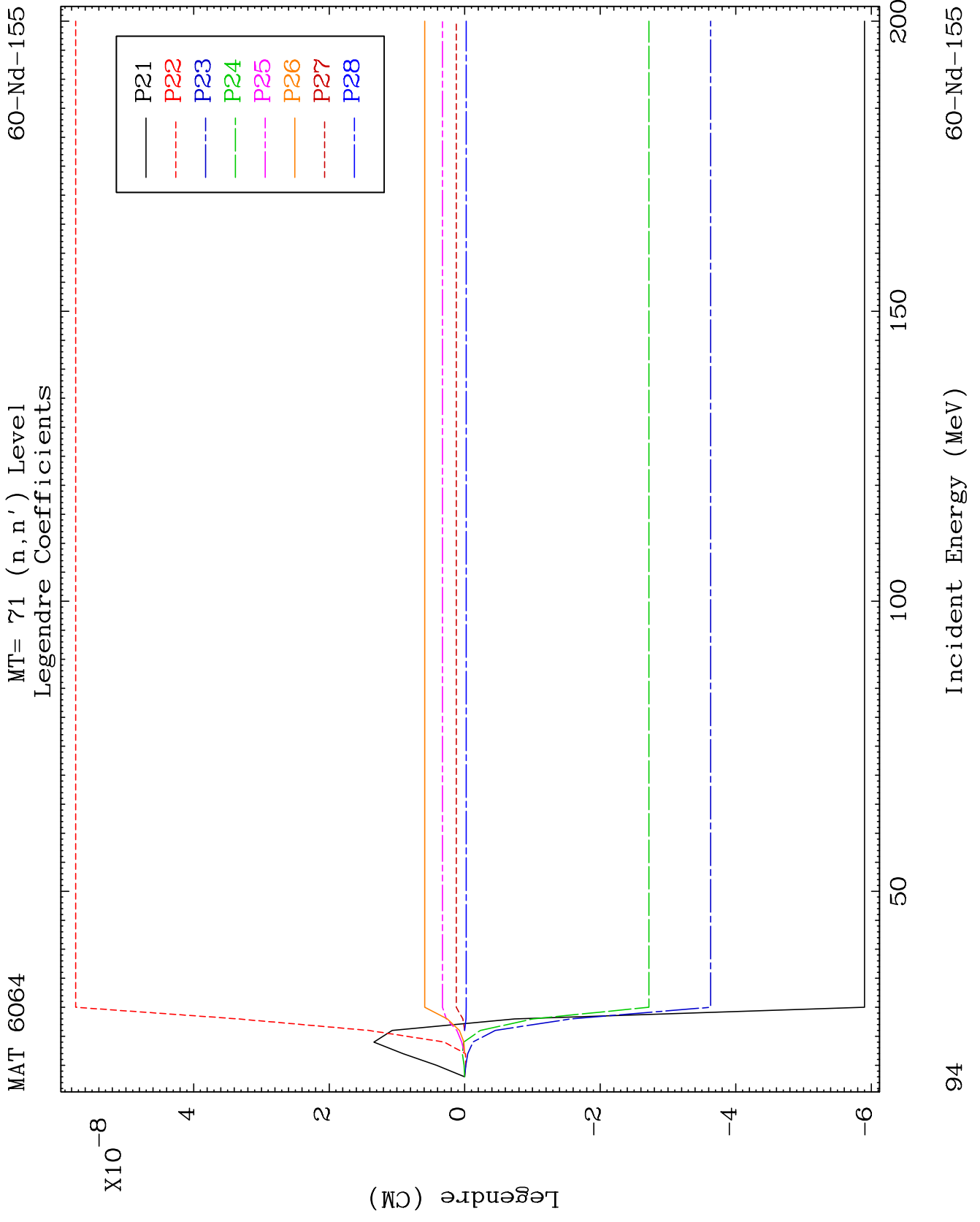
60-Nd-155



93

Incident Energy (MeV)

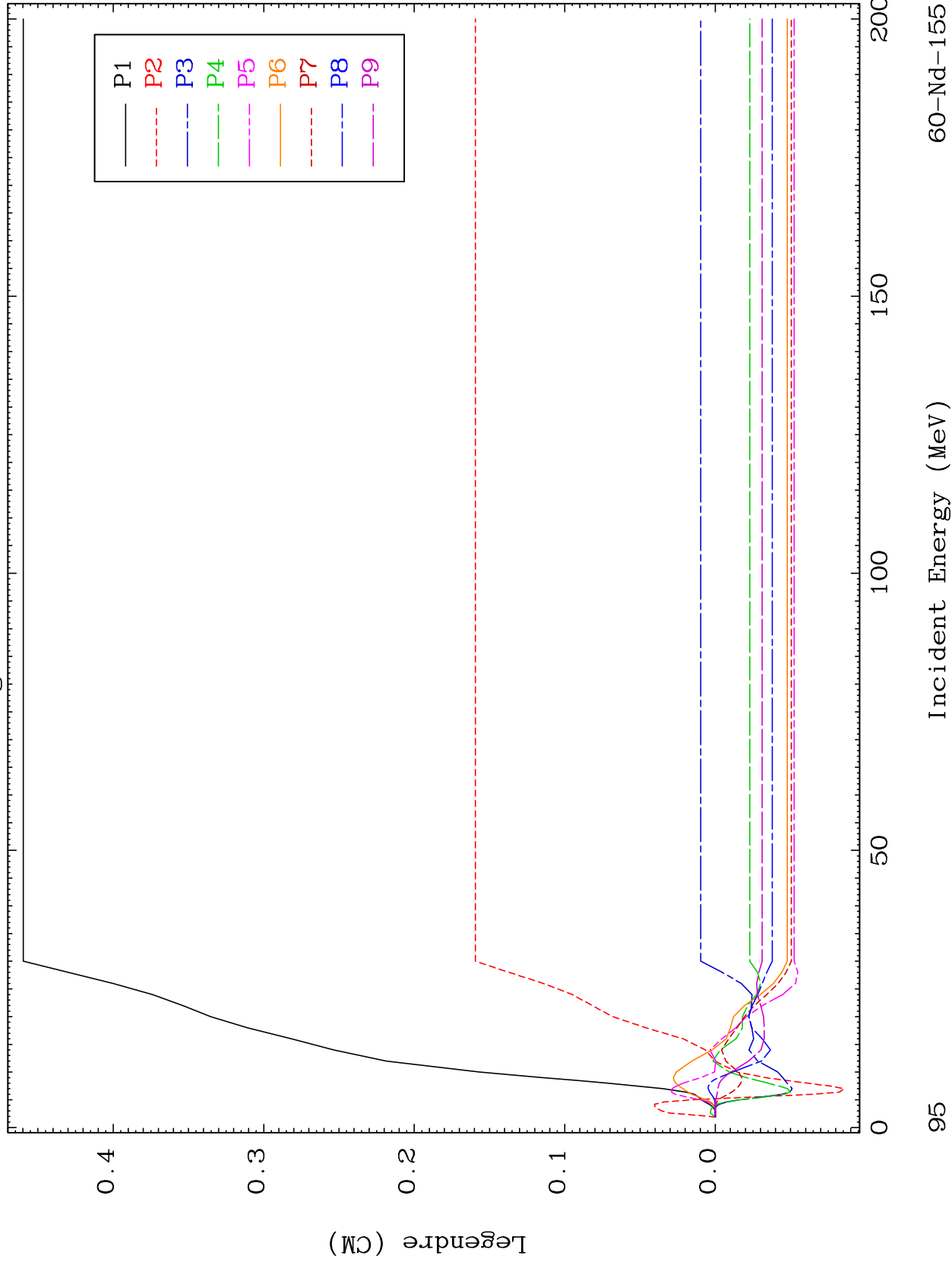
60-Nd-155



MAT 6064

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

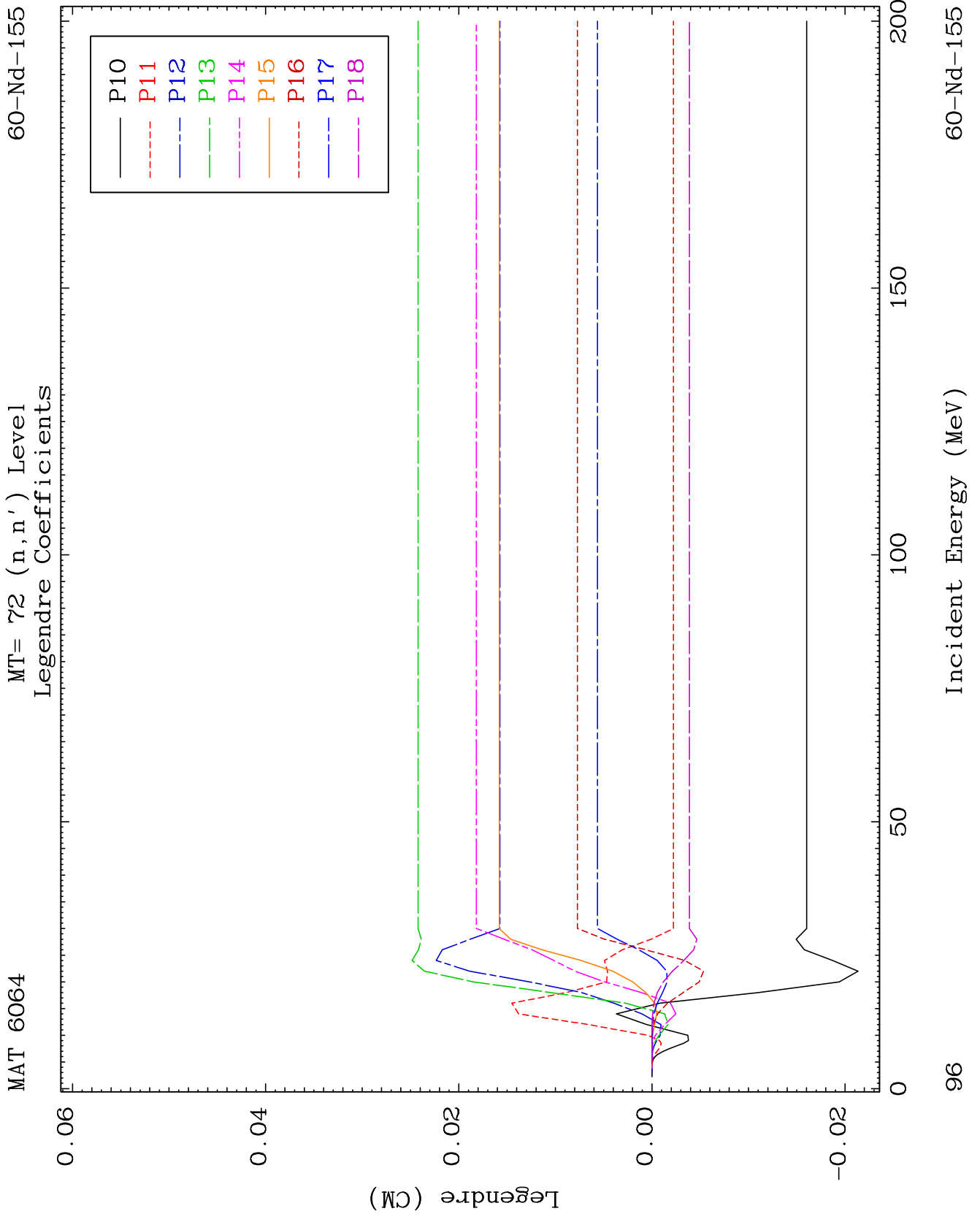
60-Nd-155



60-Nd-155

Incident Energy (MeV)

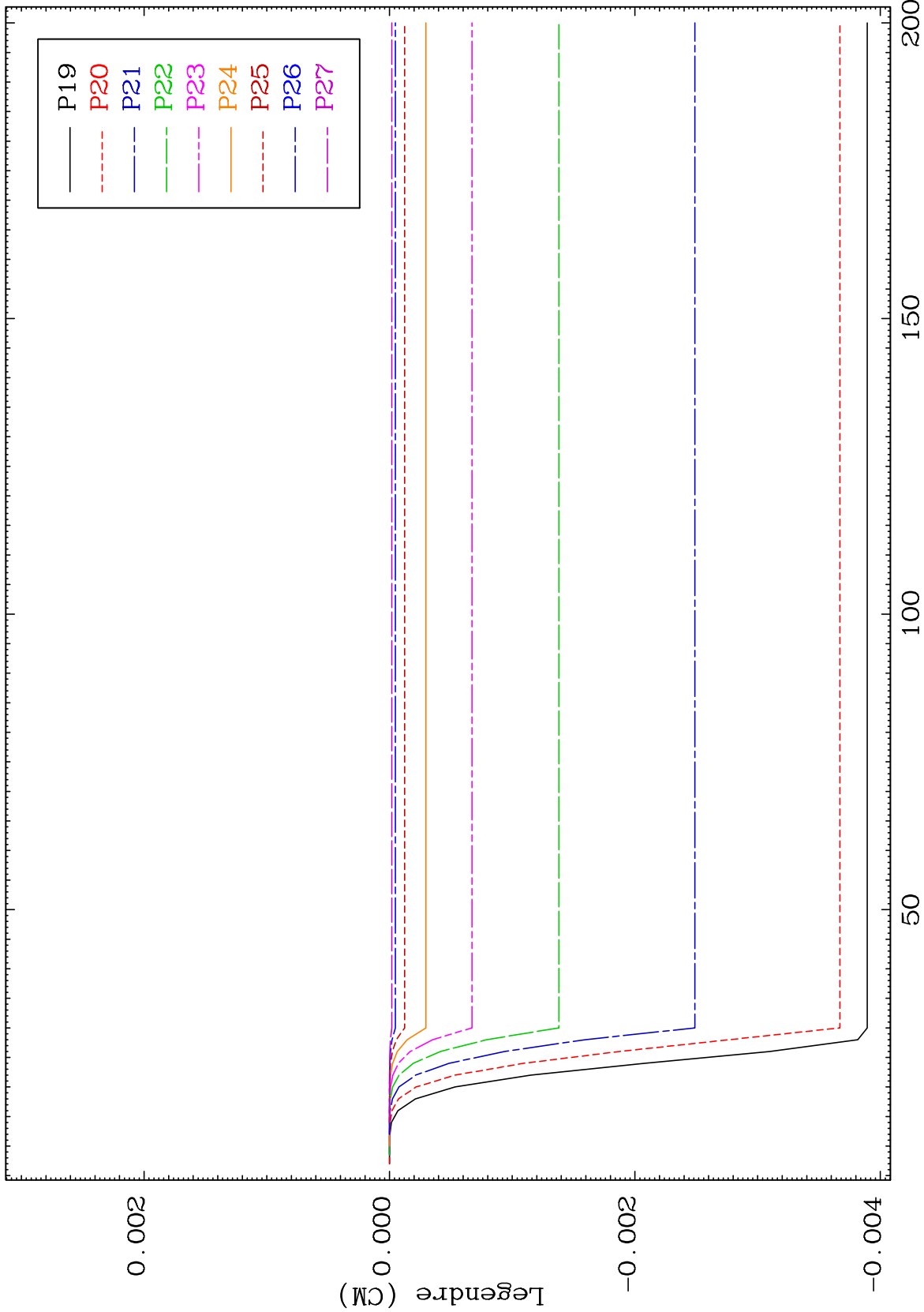
95



MAT 6064

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

60-Nd-155



97

Incident Energy (MeV)

60-Nd-155

