

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

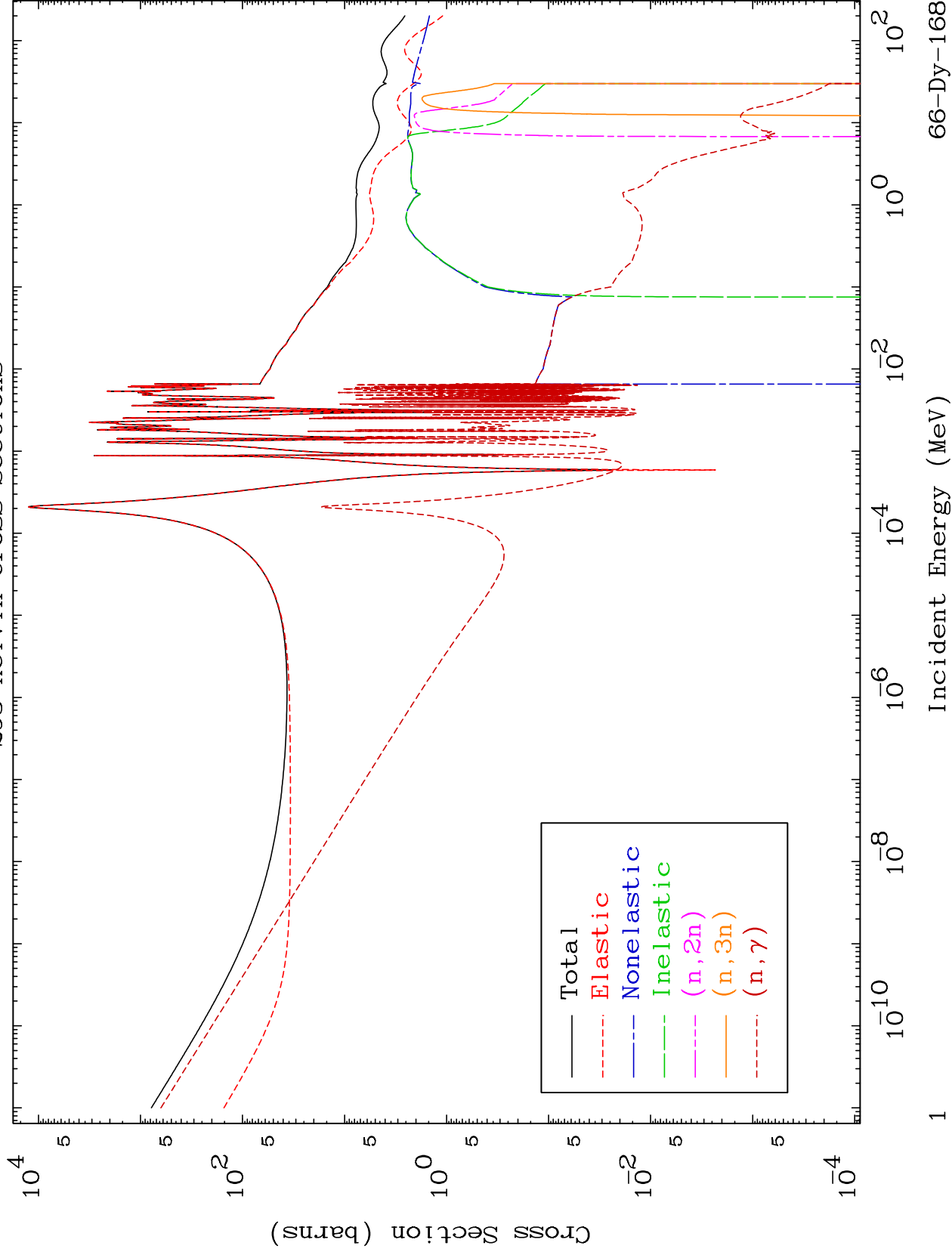
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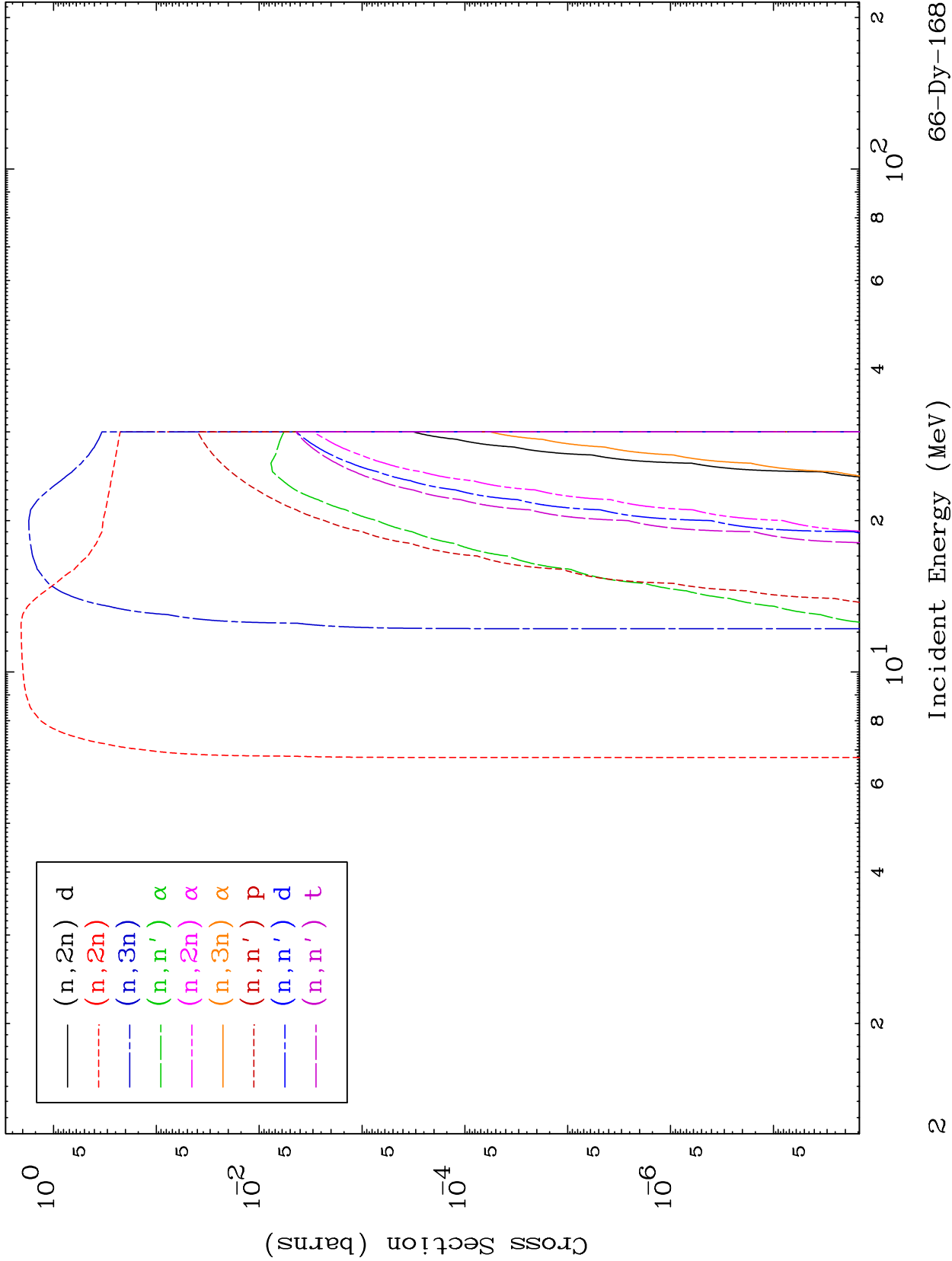
Press Mouse Button to Start

MAT 6661

Neutron Major  
293 Kelvin Cross Sections

66-Dy-168

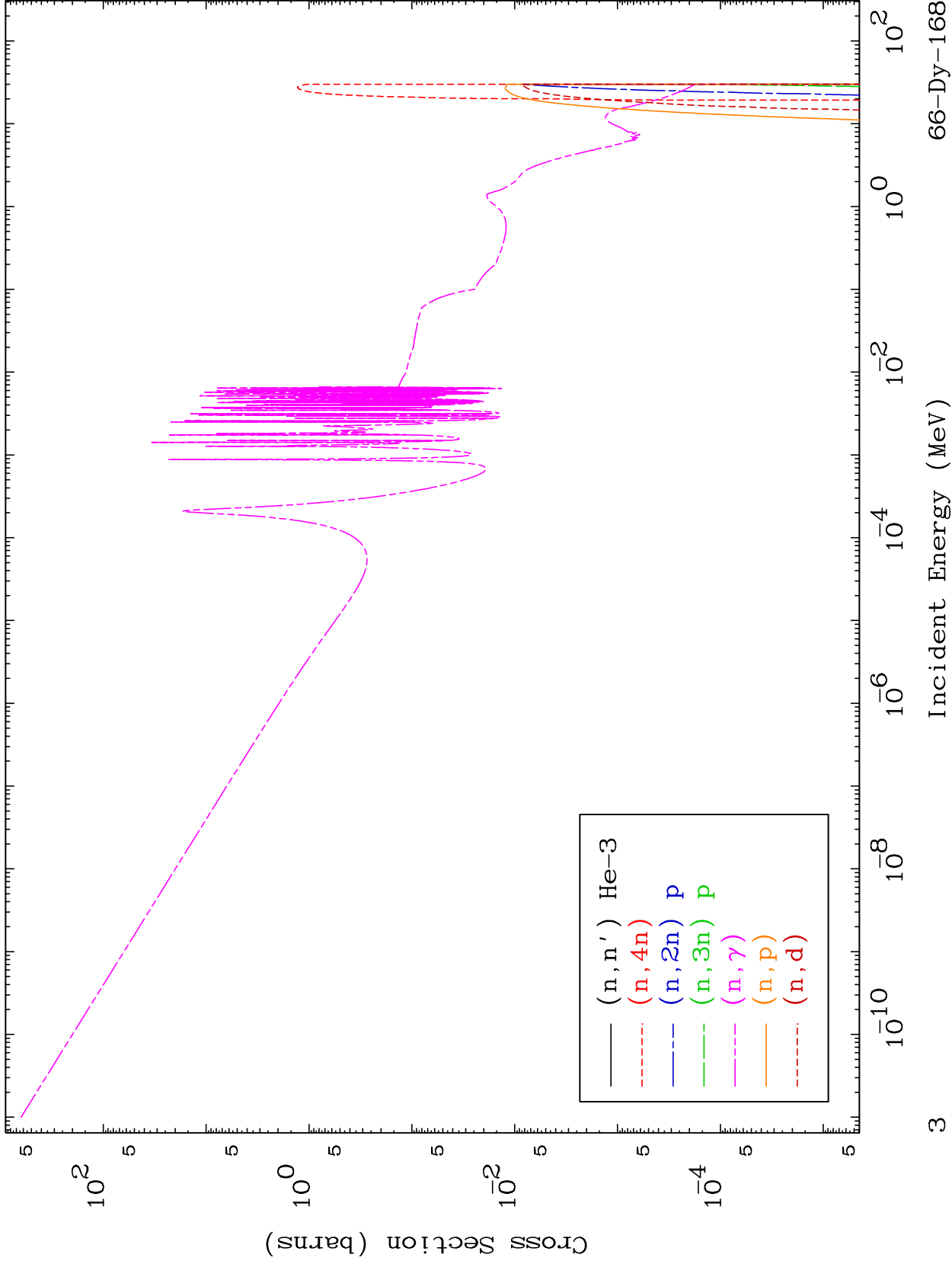




MAT 6661

Neutron Absorption  
293 Kelvin Cross Sections

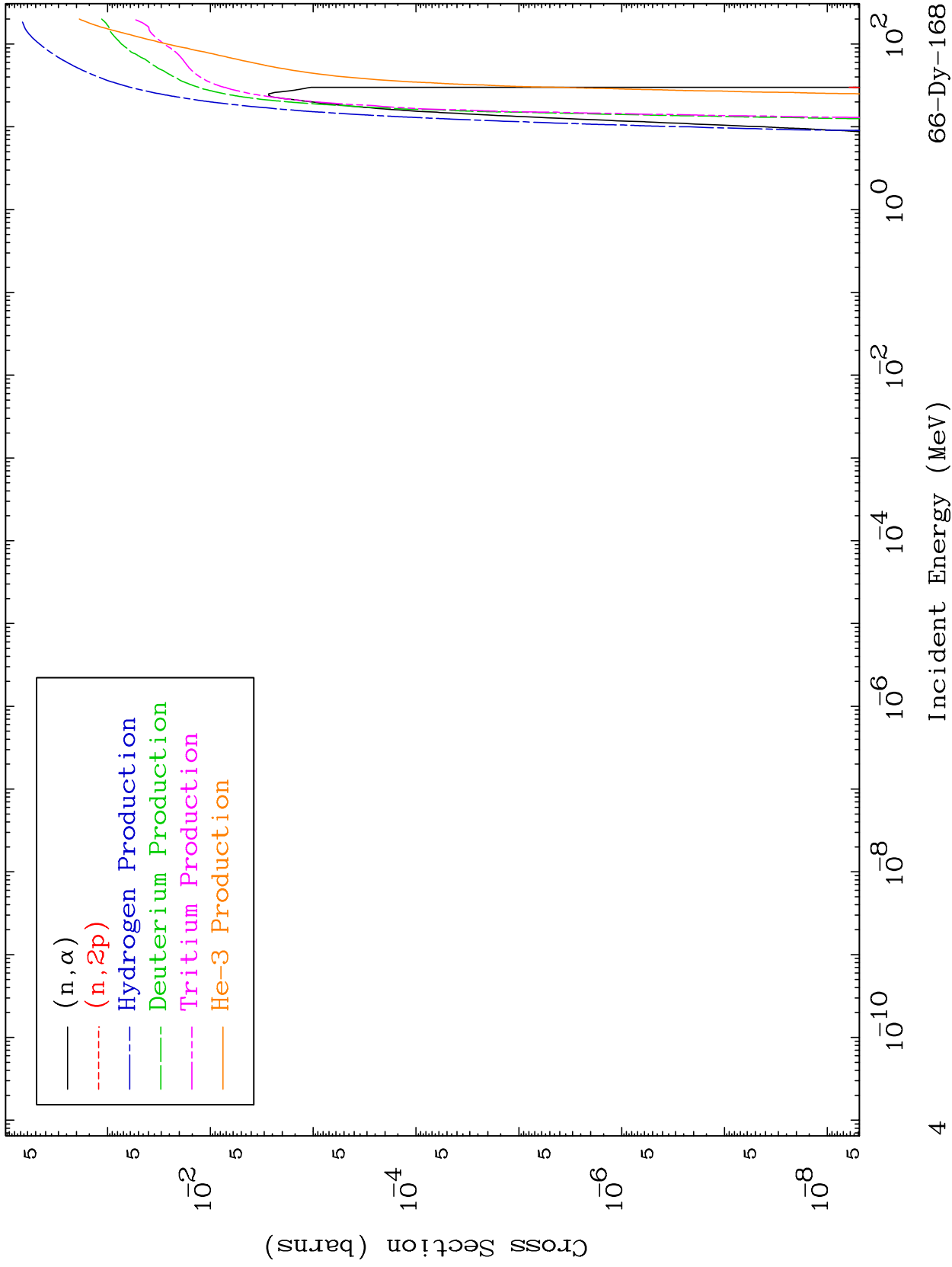
66-Dy-168



MAT 6661

Neutron Absorption  
293 Kelvin Cross Sections

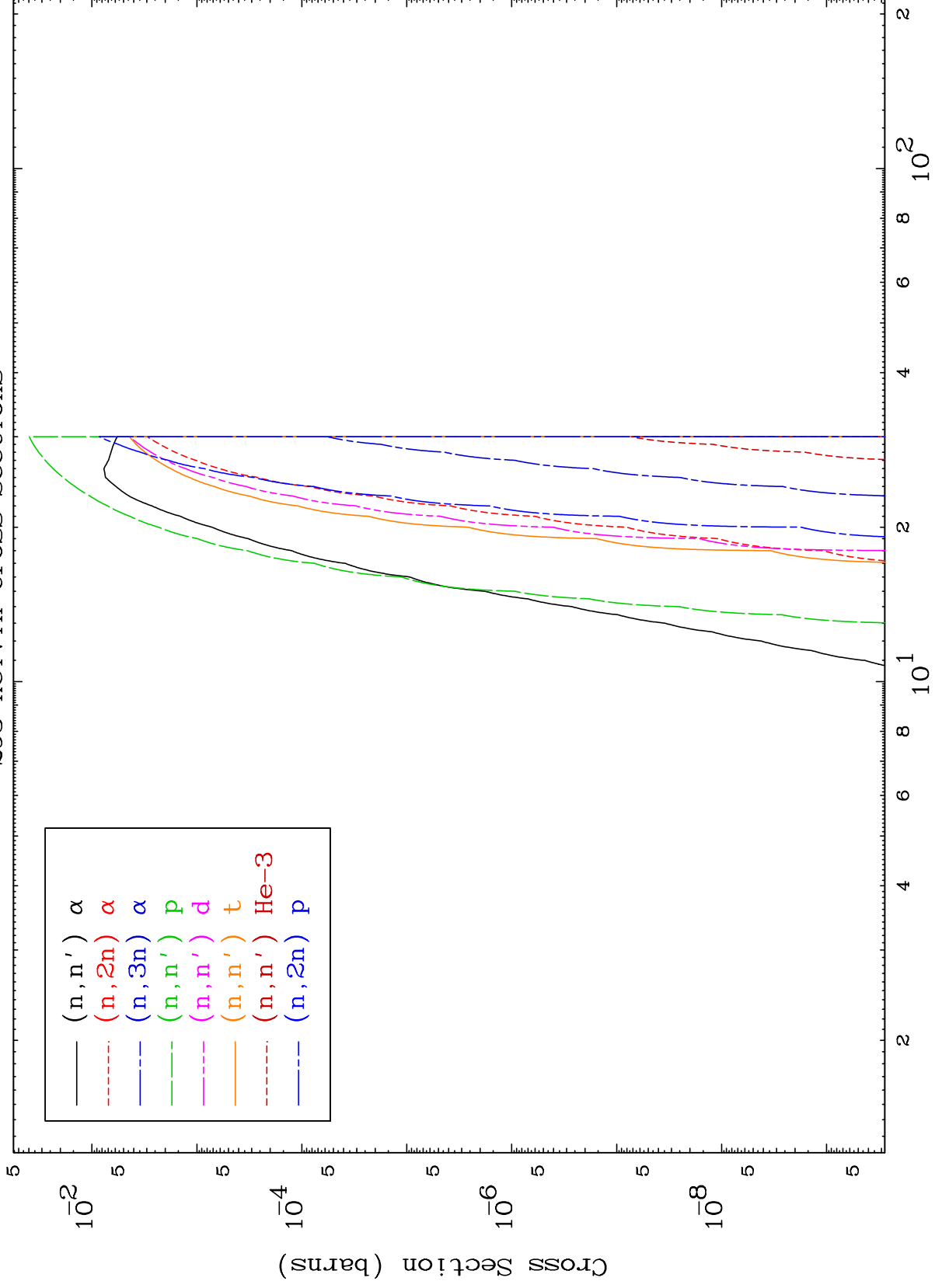
66-Dy-168



MAT 6661

Charged Particle  
293 Kelvin Cross Sections

66-Dy-168



5

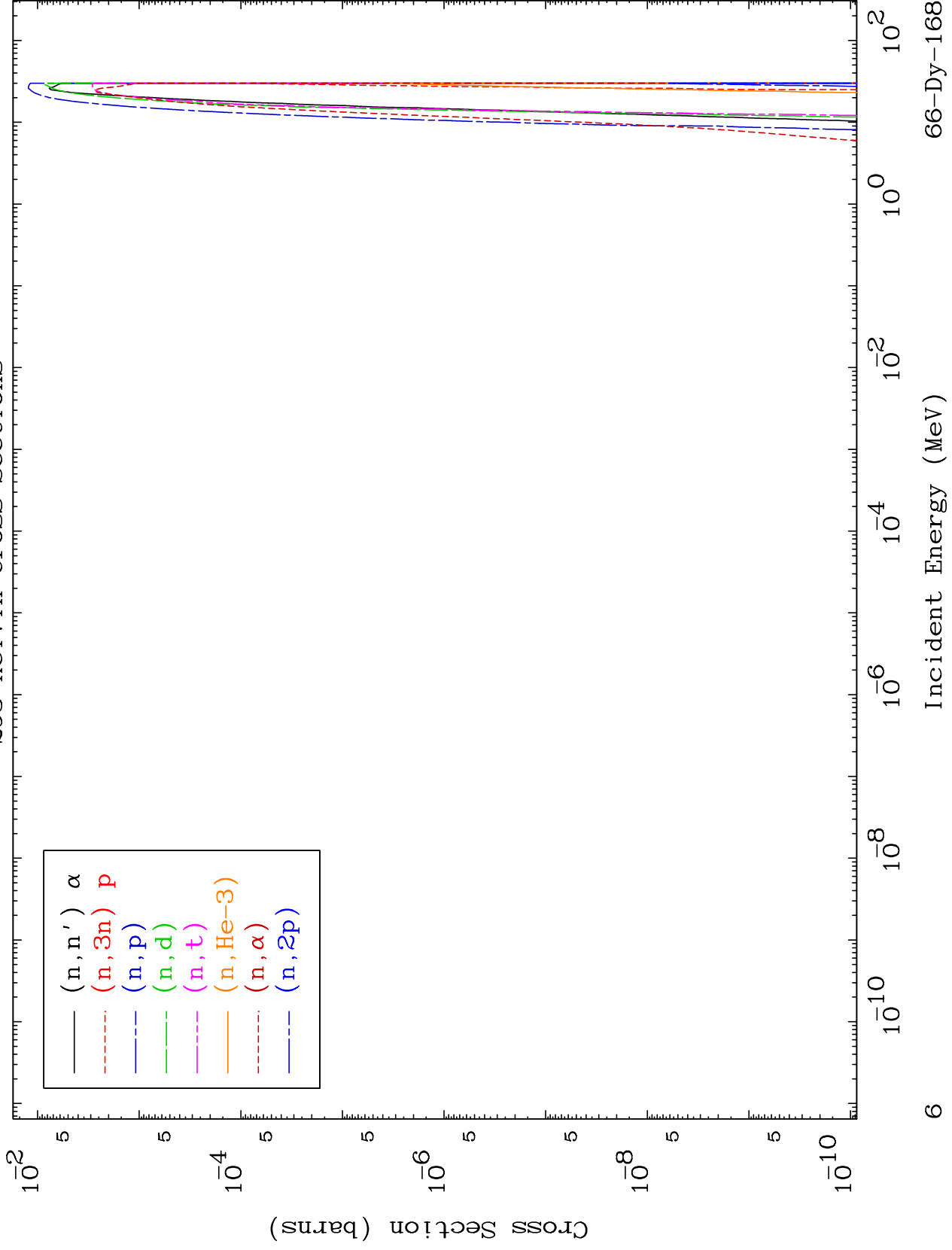
Incident Energy (MeV)

66-Dy-168

MAT 6661

Charged Particle  
293 Kelvin Cross Sections

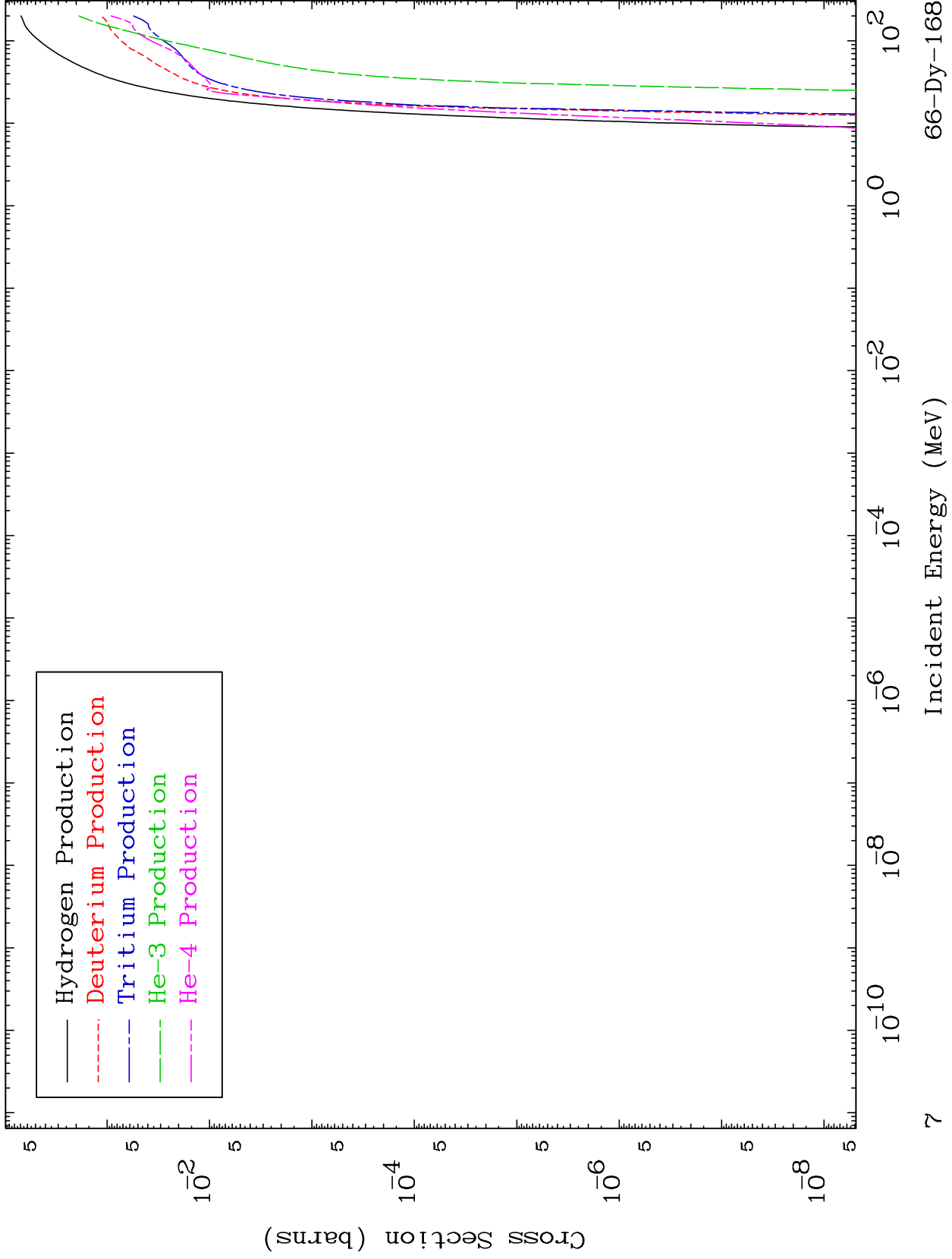
66-Dy-168



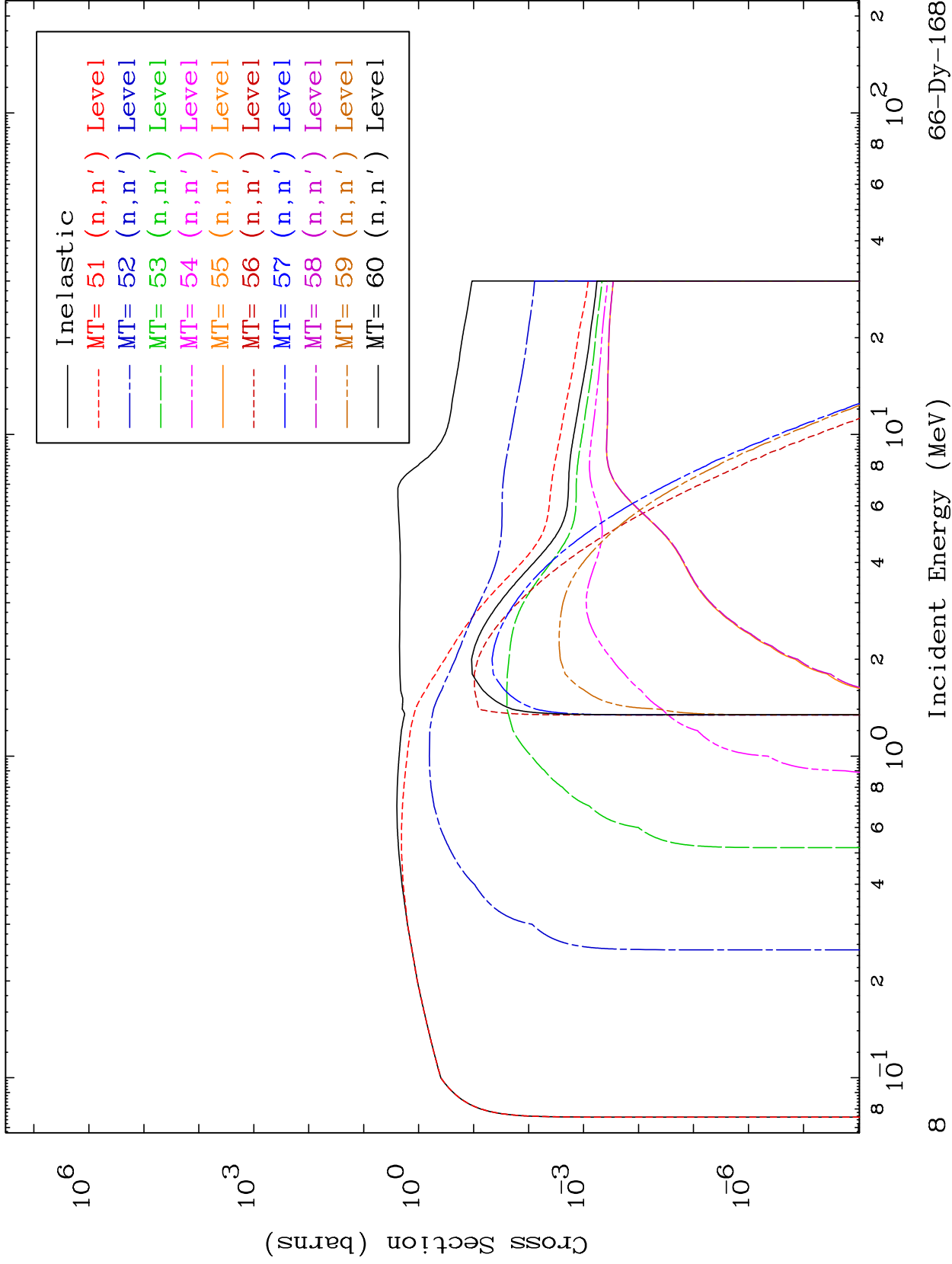
MAT 6661

Particle Production  
293 Kelvin Cross Sections

66-Dy-168





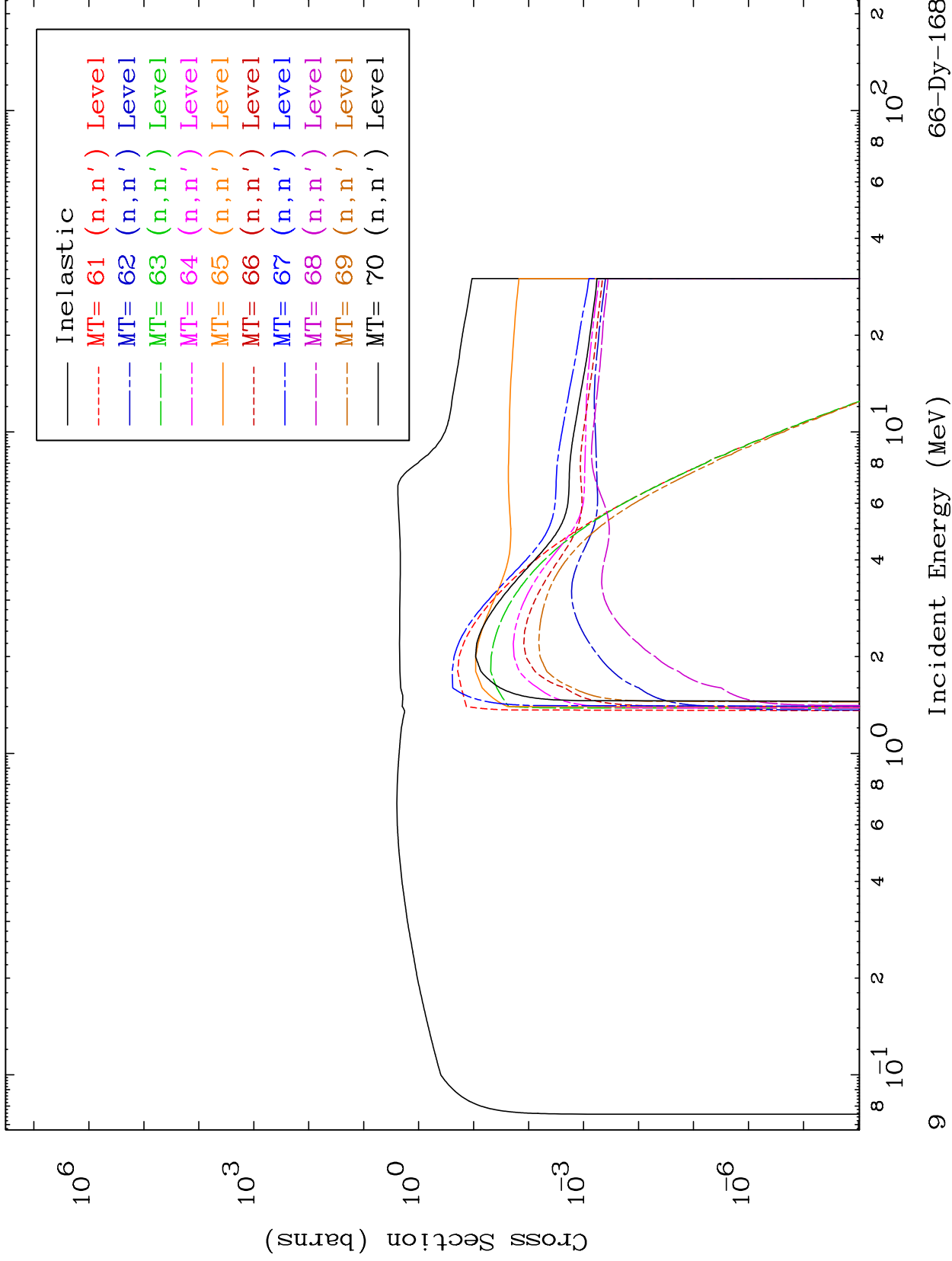


MAT 6661

(n,n') Levels

66-Dy-168

293 Kelvin Cross Sections

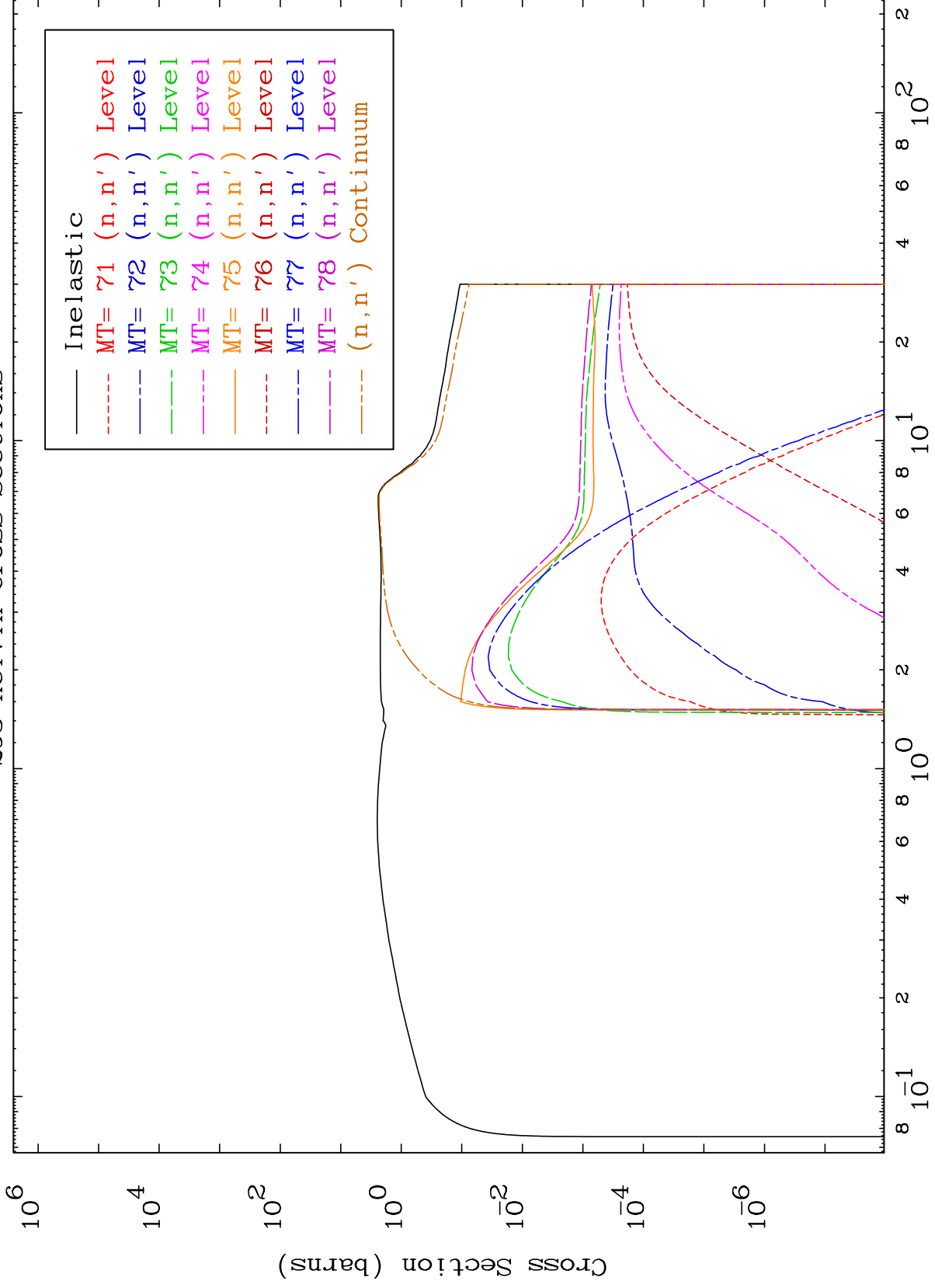


MAT 6661

(n,n') Levels

293 Kelvin Cross Sections

66-Dy-168



10

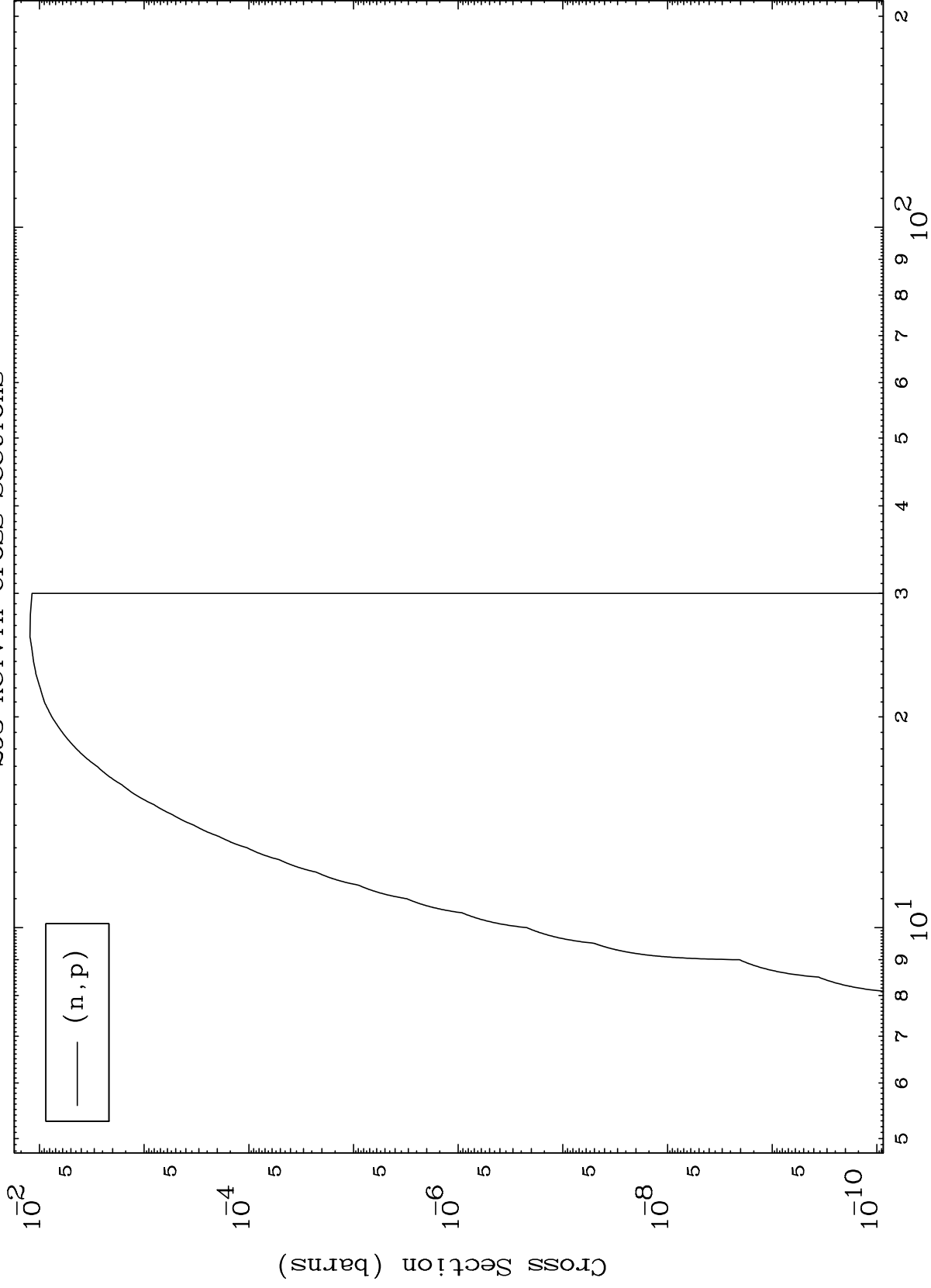
Incident Energy (MeV)

66-Dy-168

MAT 6661

(n,p) Levels  
293 Kelvin Cross Sections

66-Dy-168



11

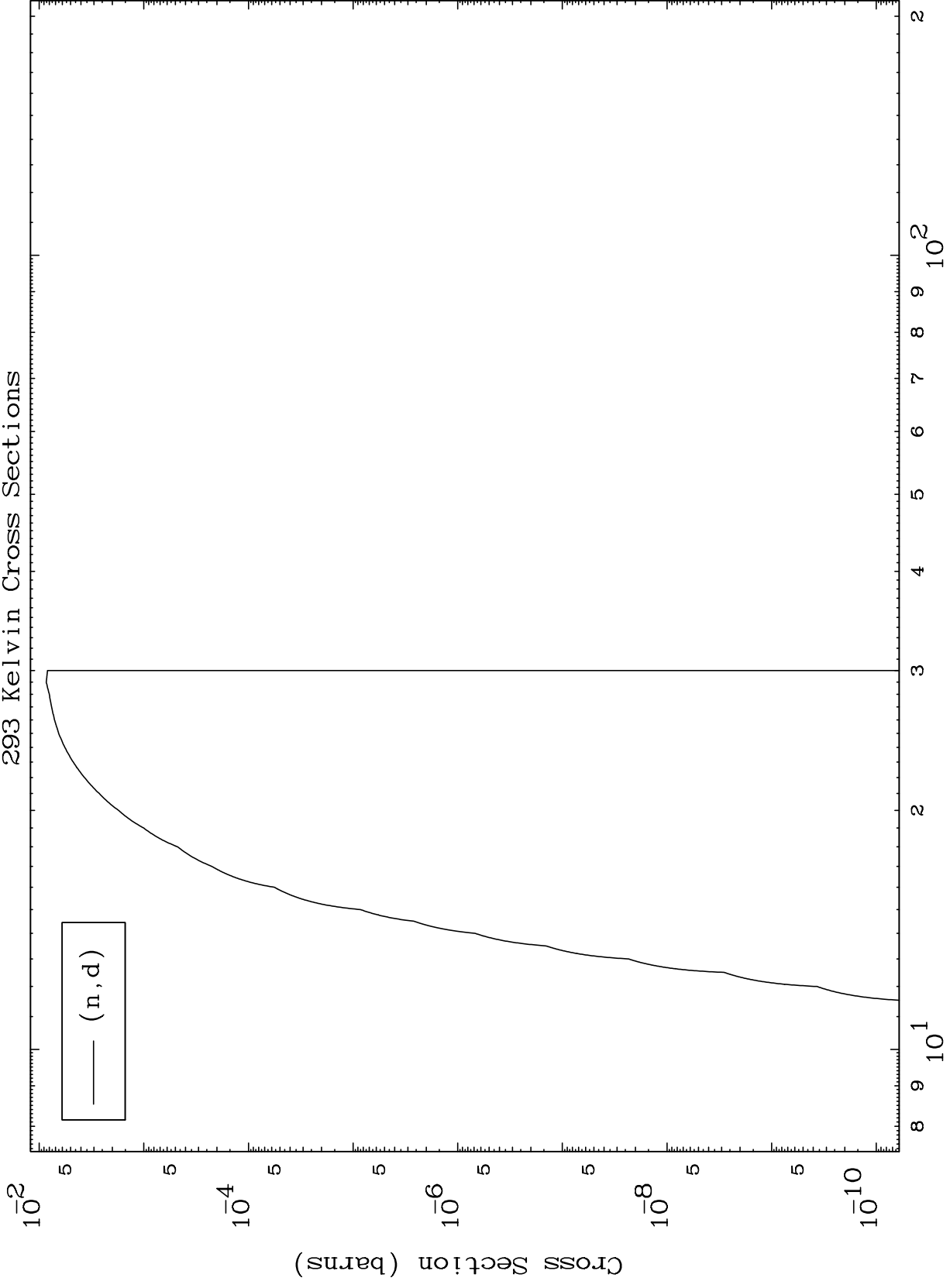
Incident Energy (MeV)

66-Dy-168

MAT 6661

(n,d) Levels  
293 Kelvin Cross Sections

66-Dy-168



12

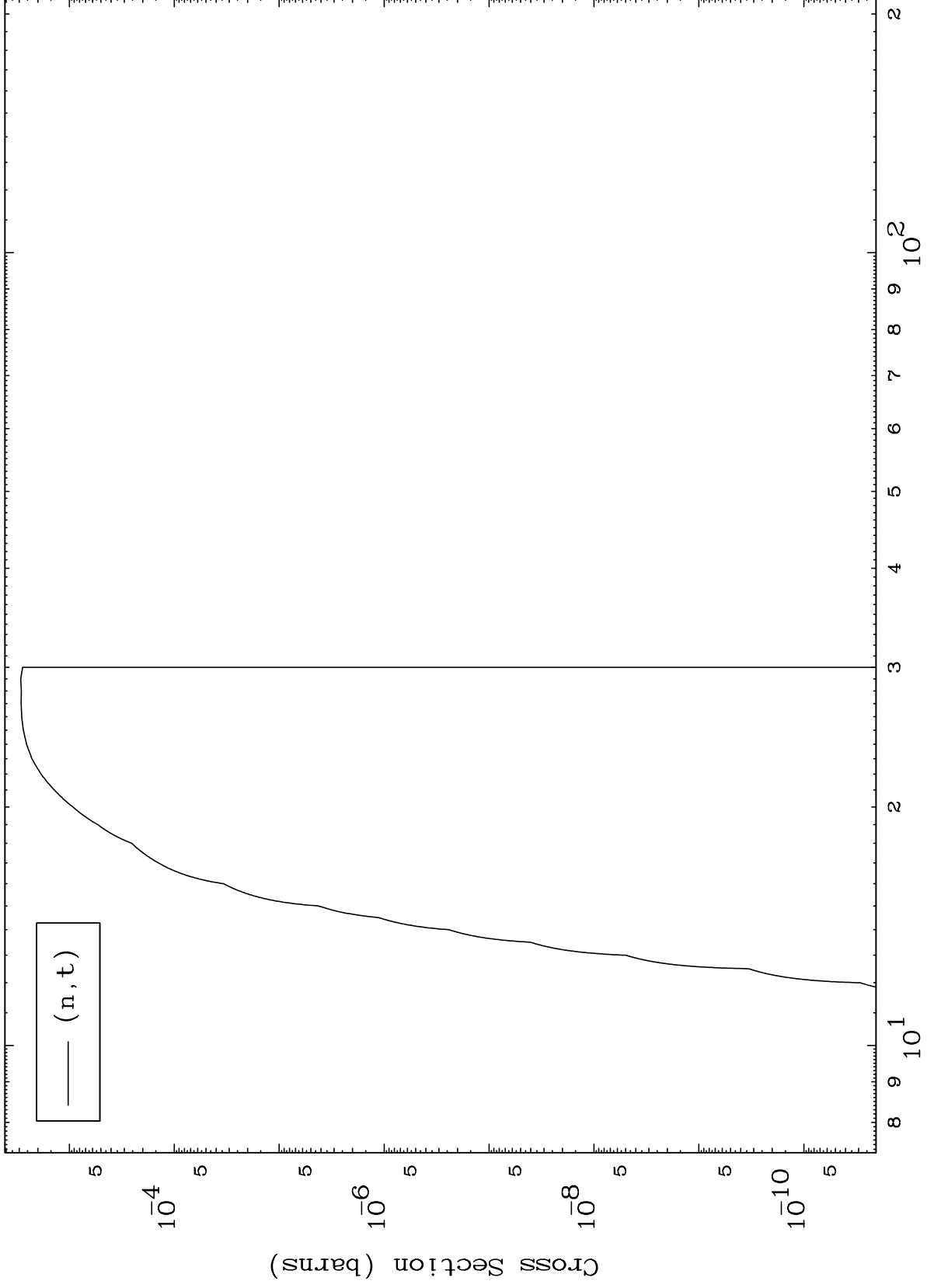
Incident Energy (MeV)

66-Dy-168

MAT 6661

(n,t) Levels  
293 Kelvin Cross Sections

66-Dy-168



13

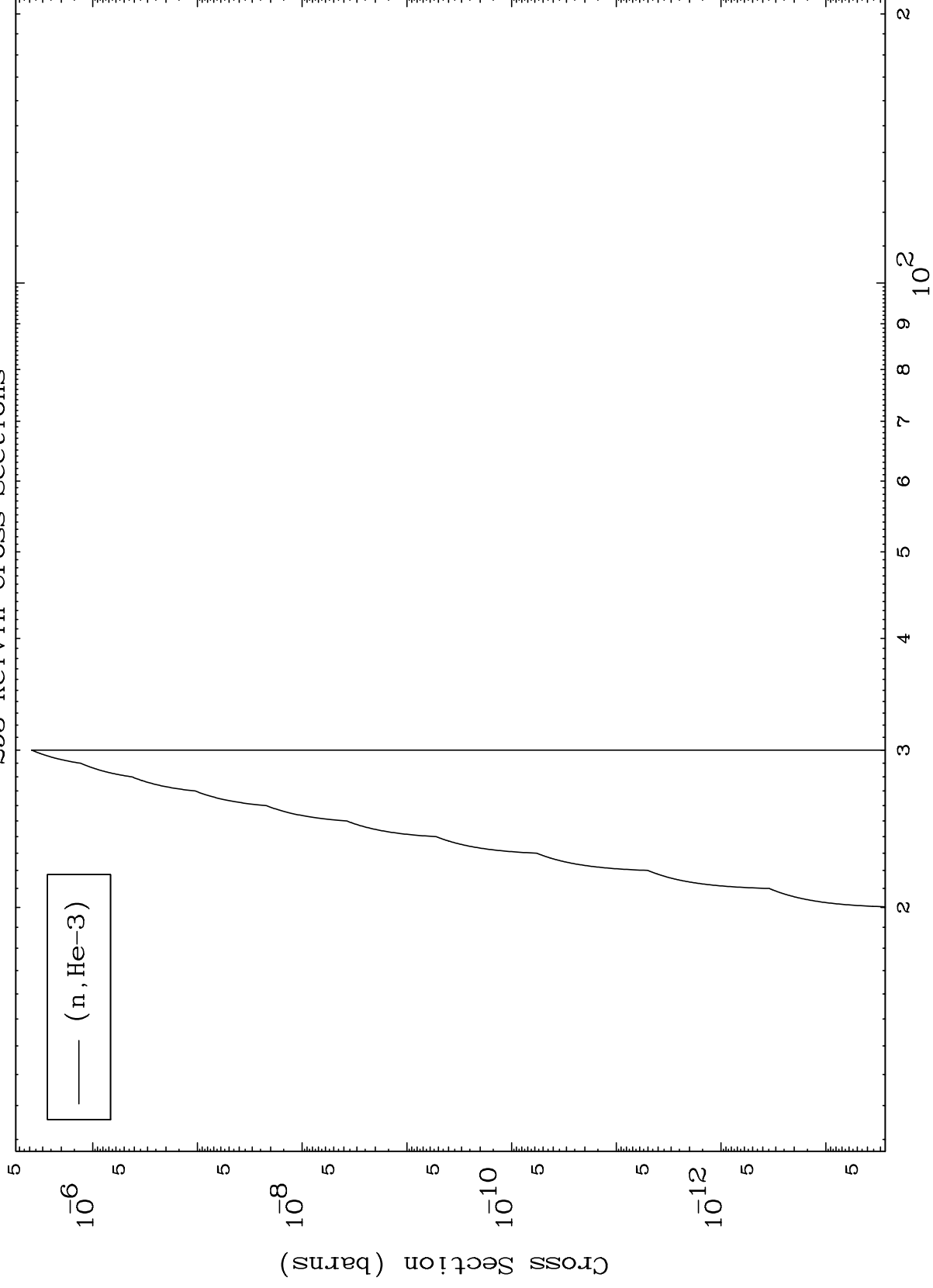
Incident Energy (MeV)

66-Dy-168

MAT 6661

(n,He3) Levels  
293 Kelvin Cross Sections

66-Dy-168



14

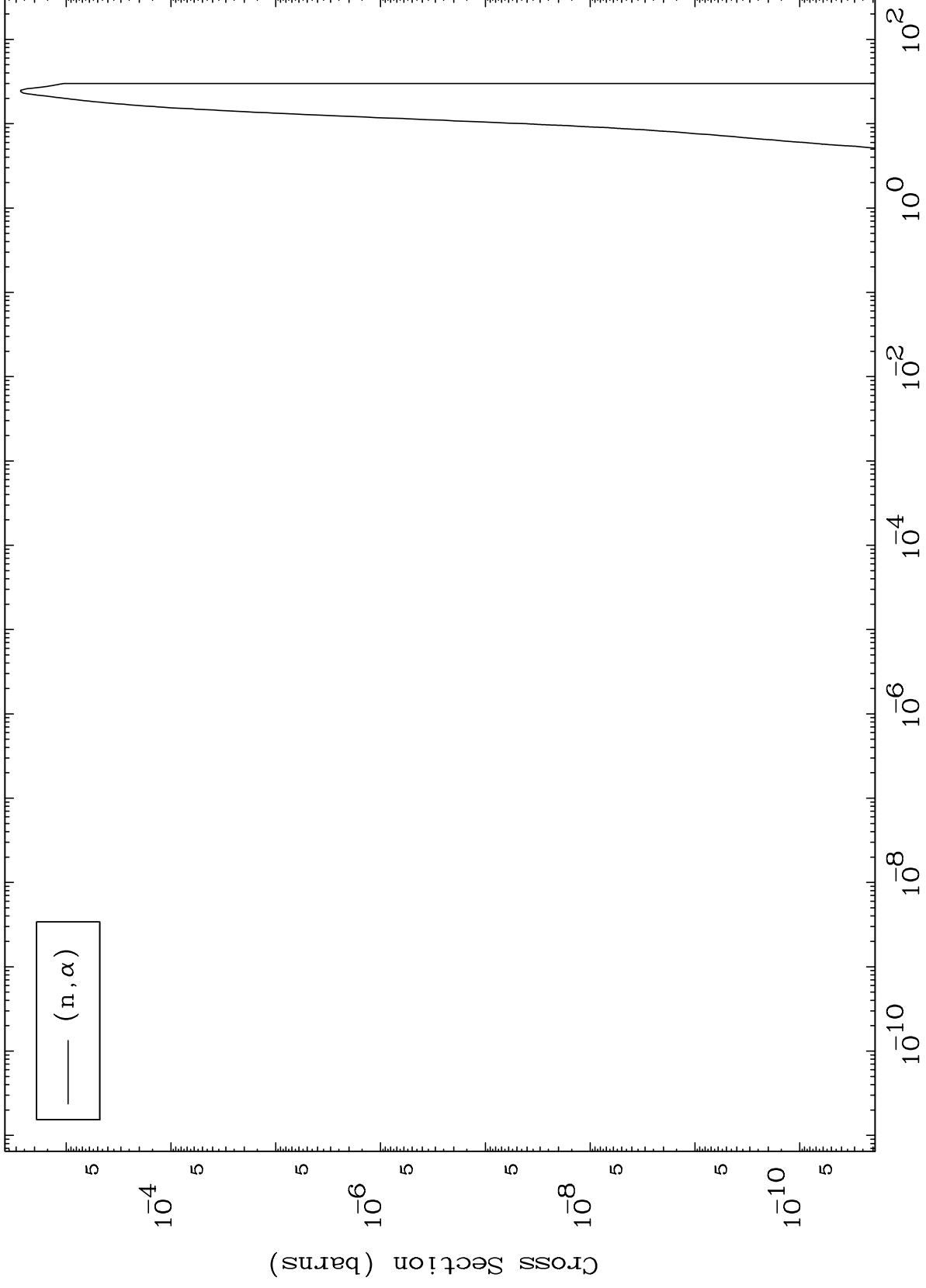
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

66-Dy-168

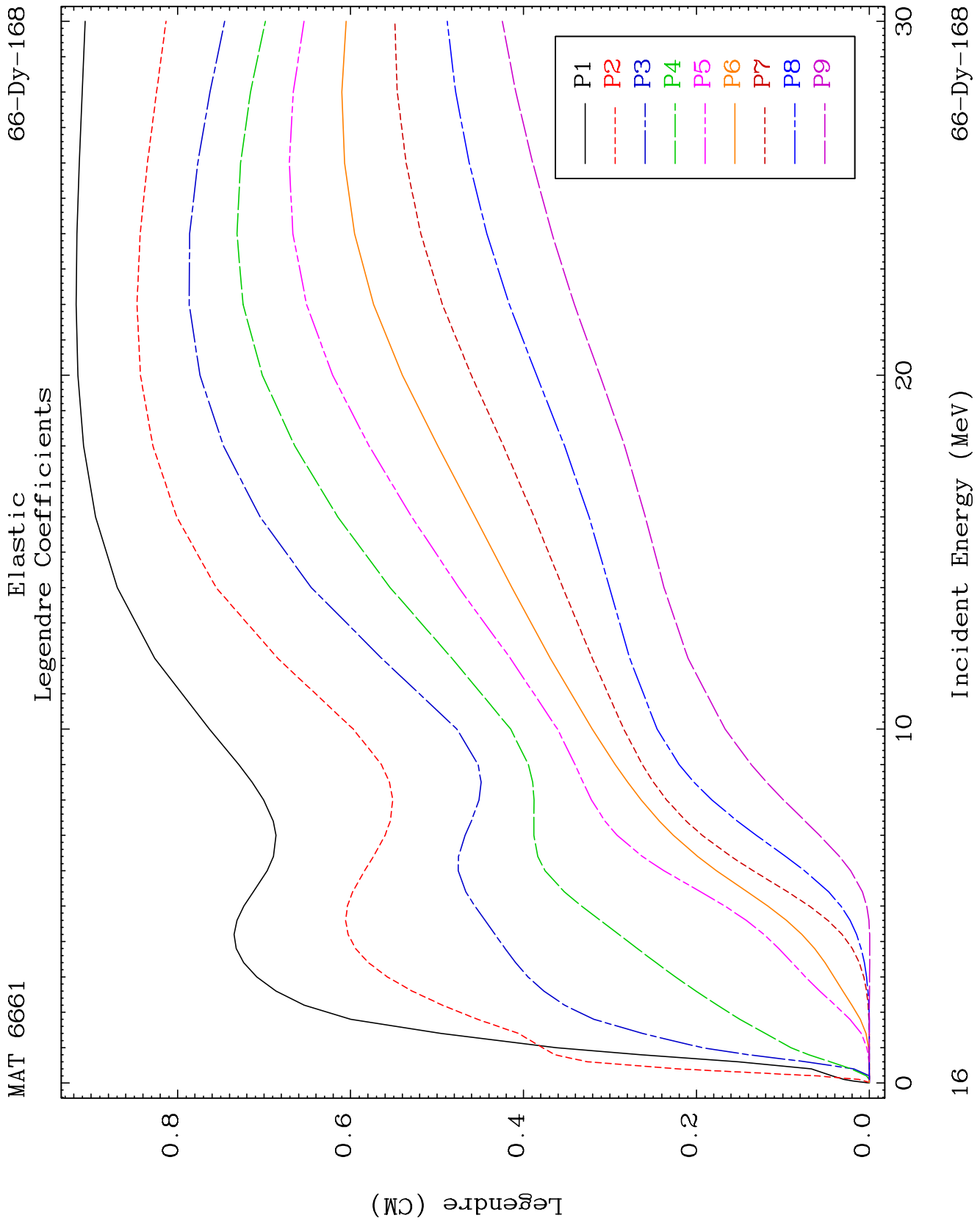


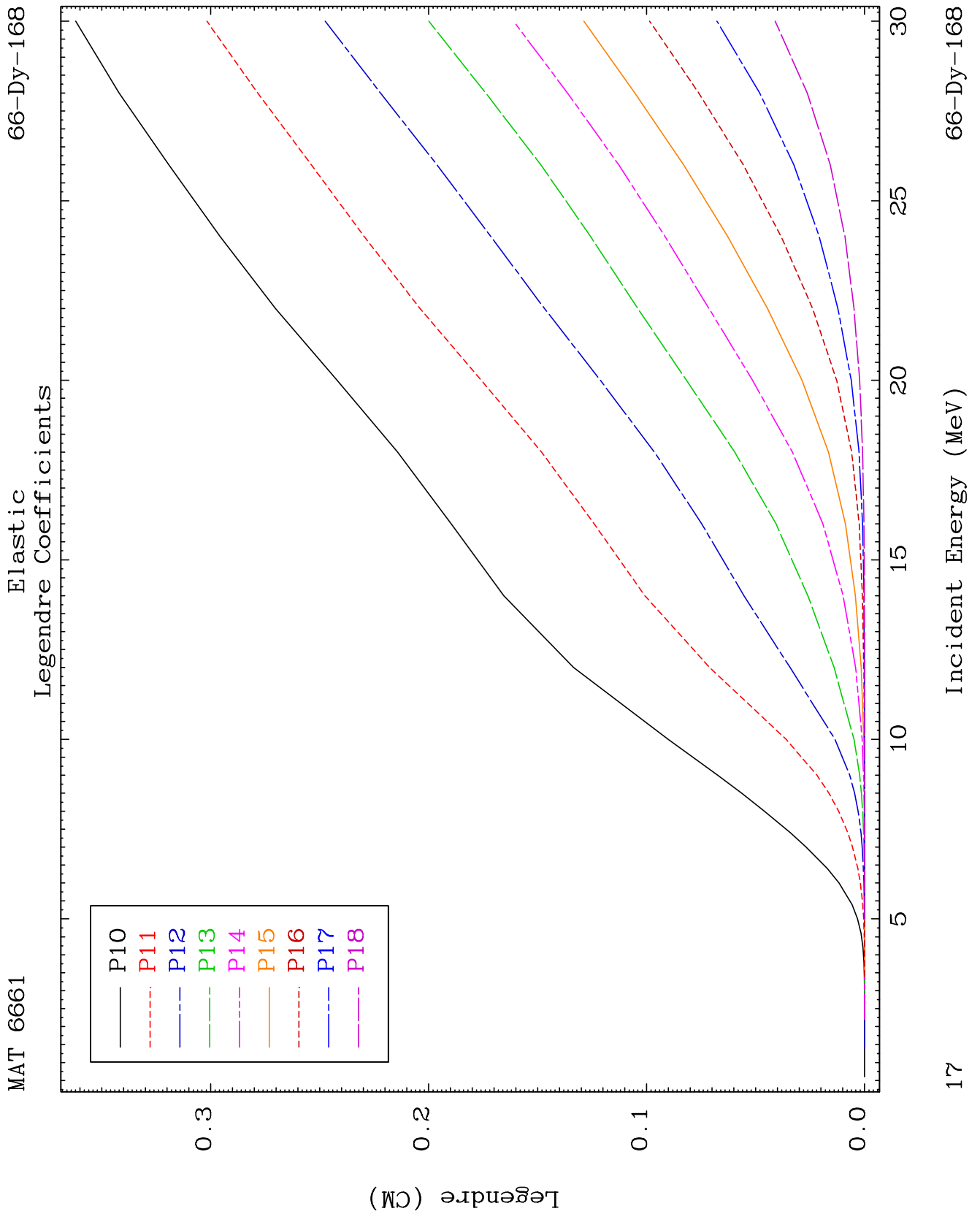
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Incident Energy (MeV)

66-Dy-168



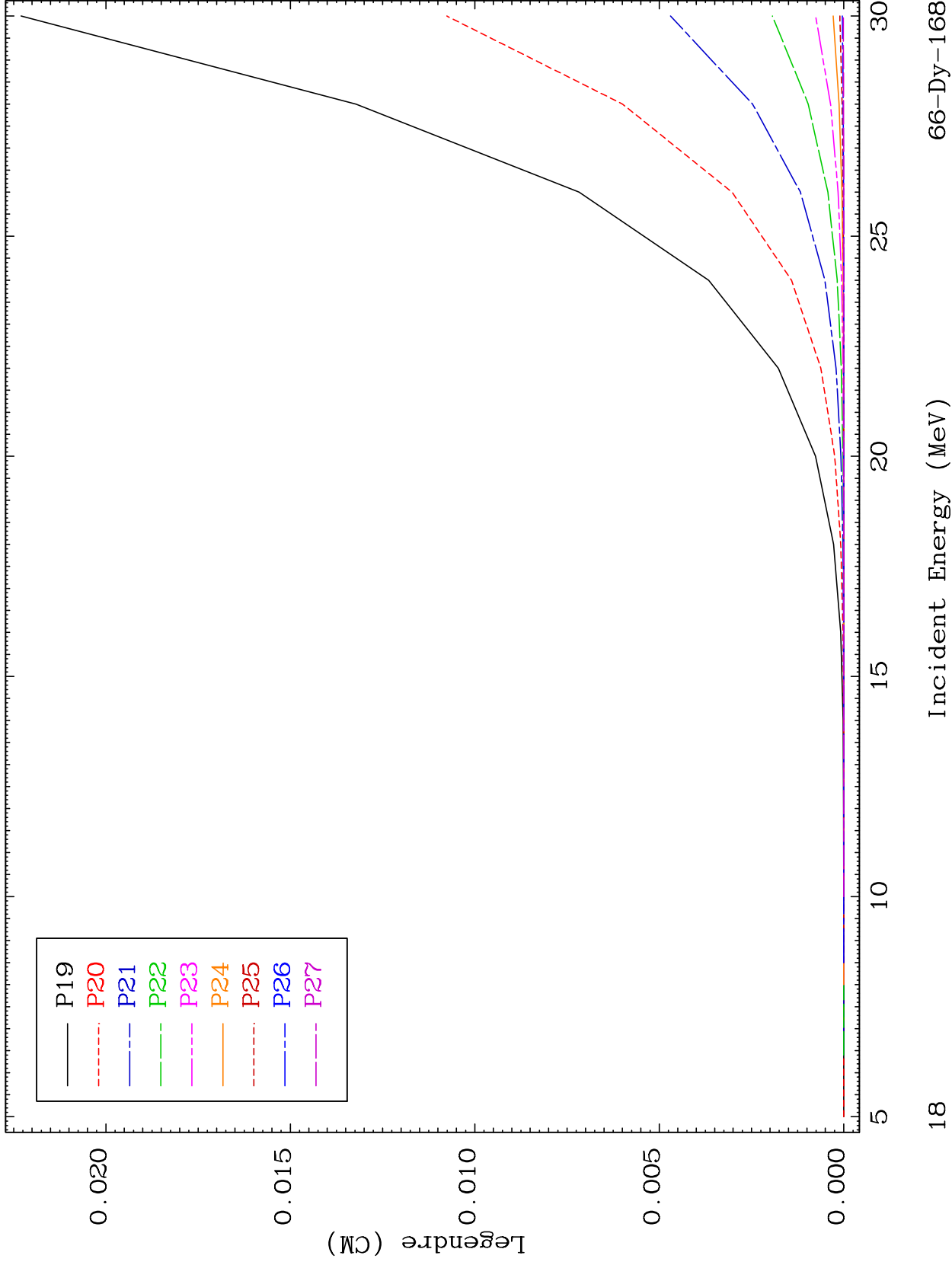




MAT 6661

### Elastic Legendre Coefficients

66-Dy-168



18

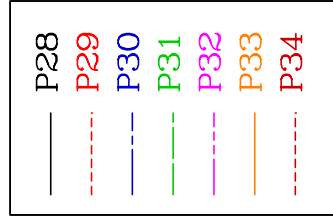
Incident Energy (MeV)

66-Dy-168

MAT 6661

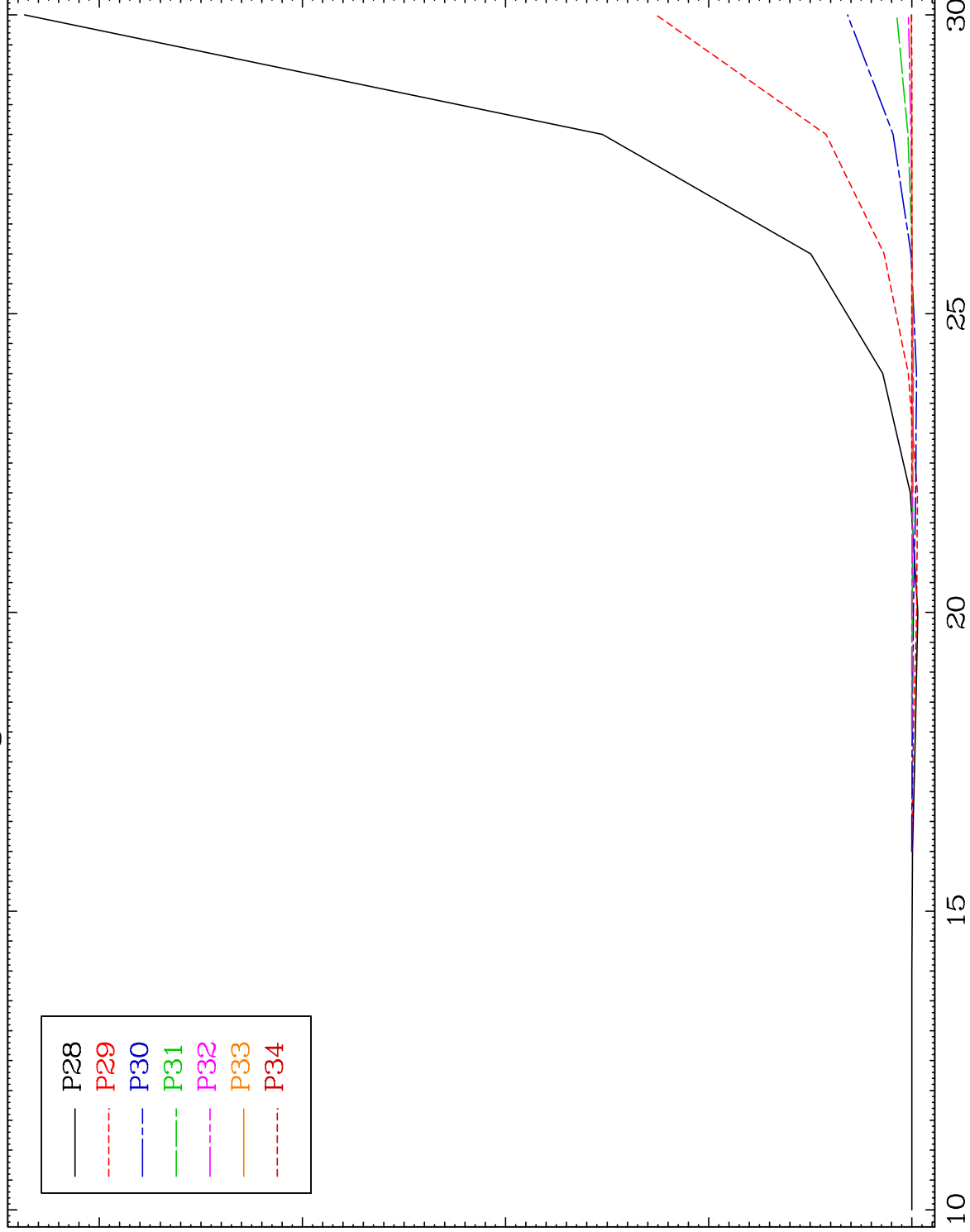
Elastic  
Legendre Coefficients

66-Dy-168



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

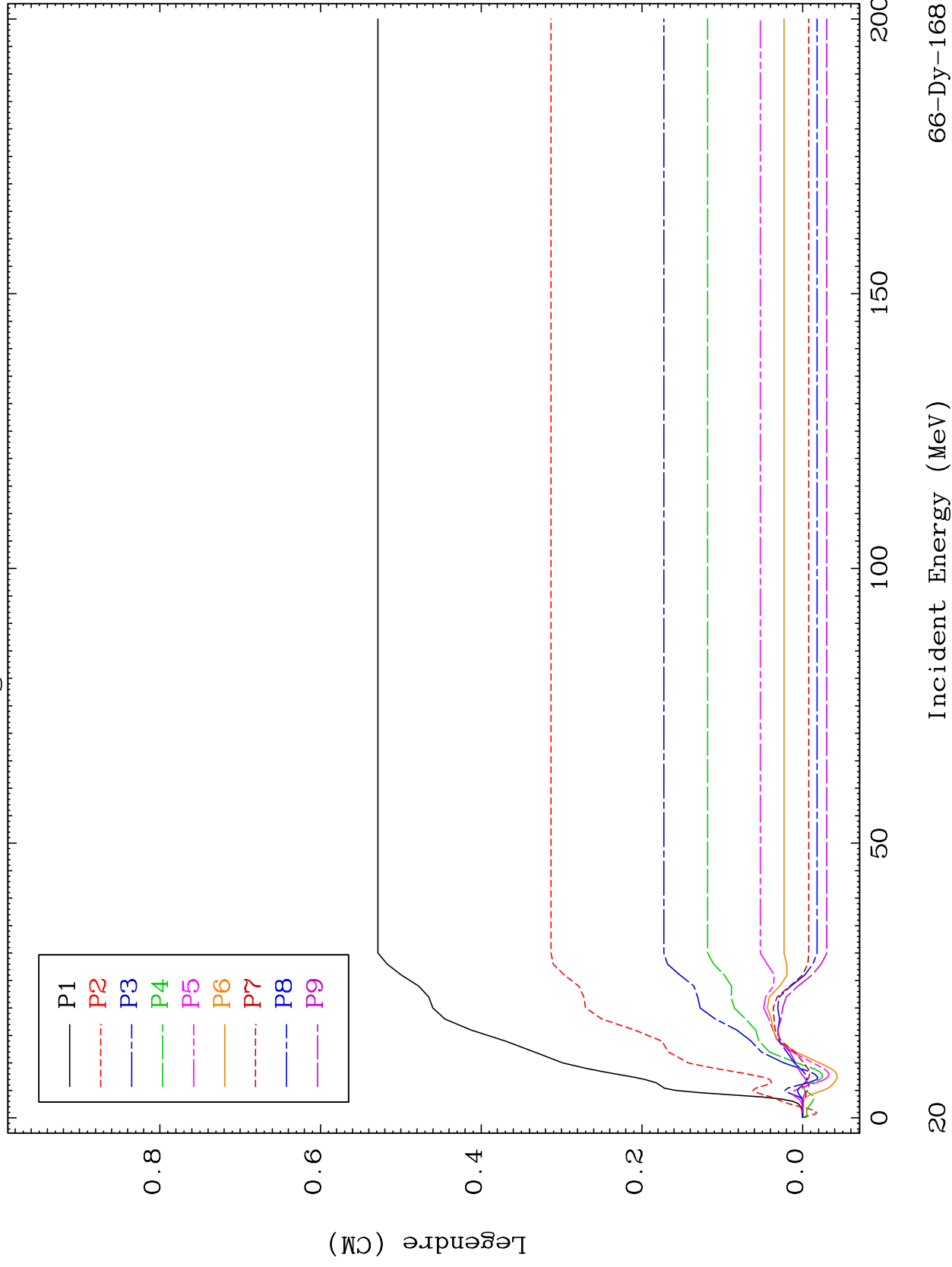
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

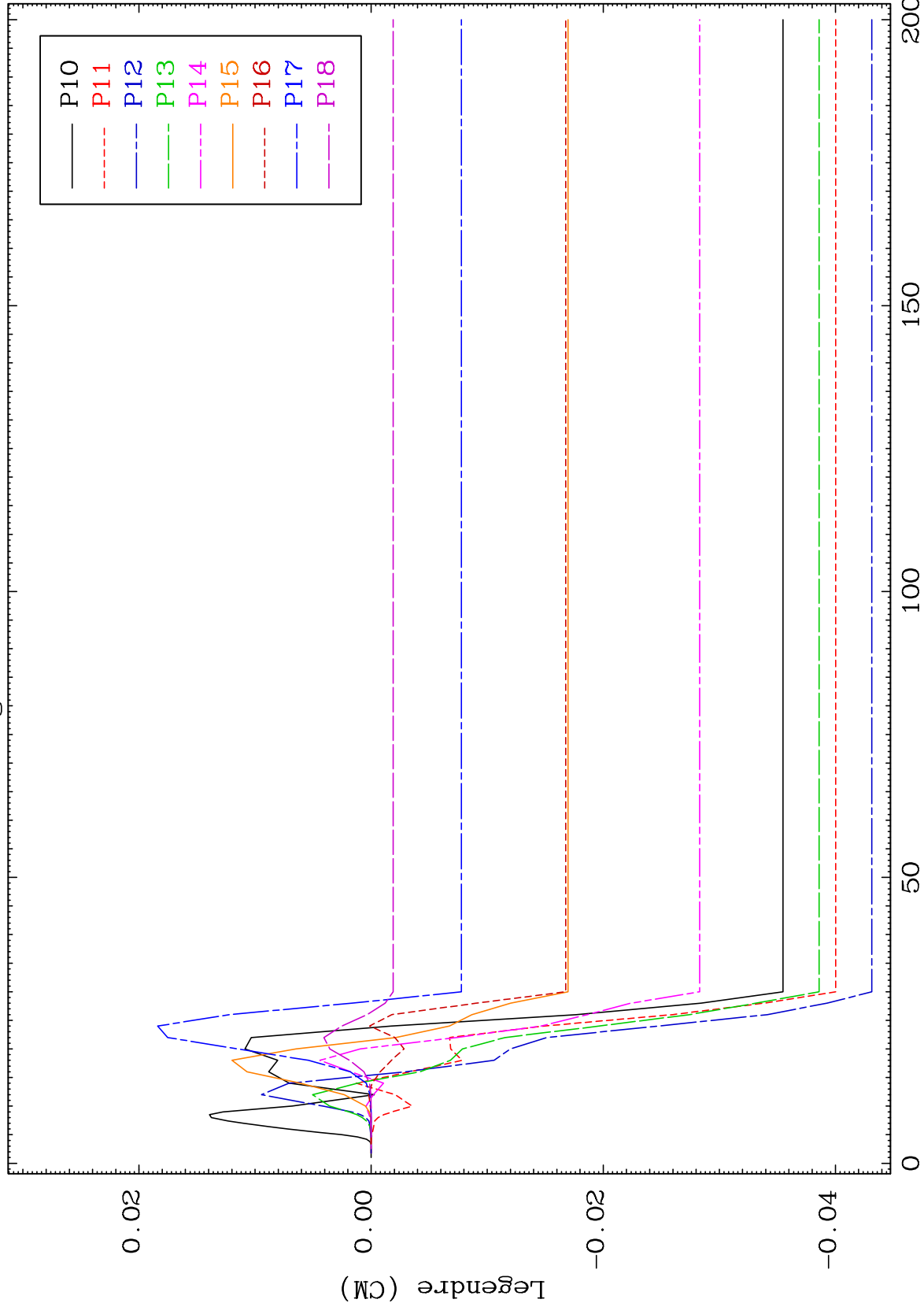
66-Dy-168



MAT 6661

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

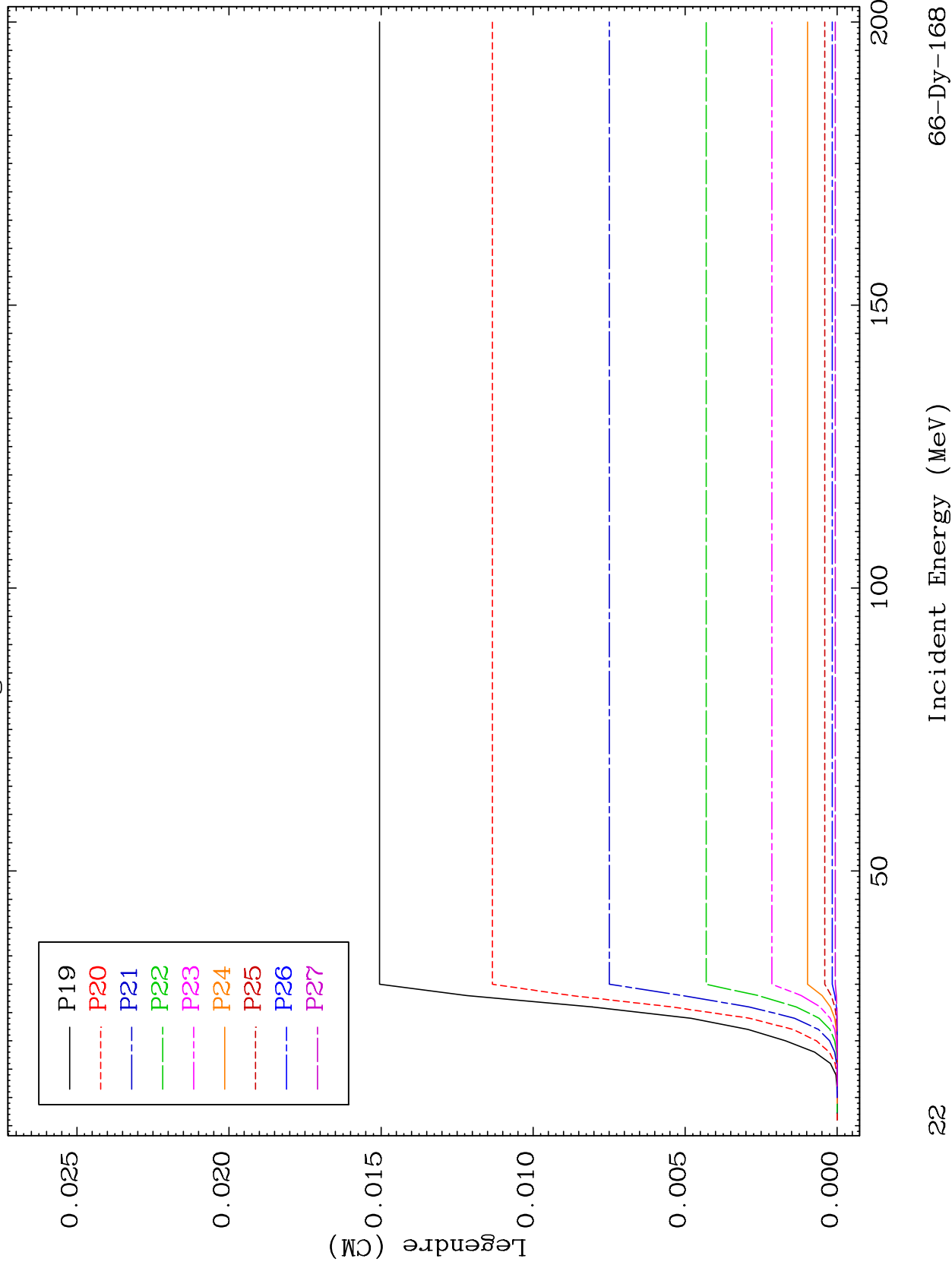
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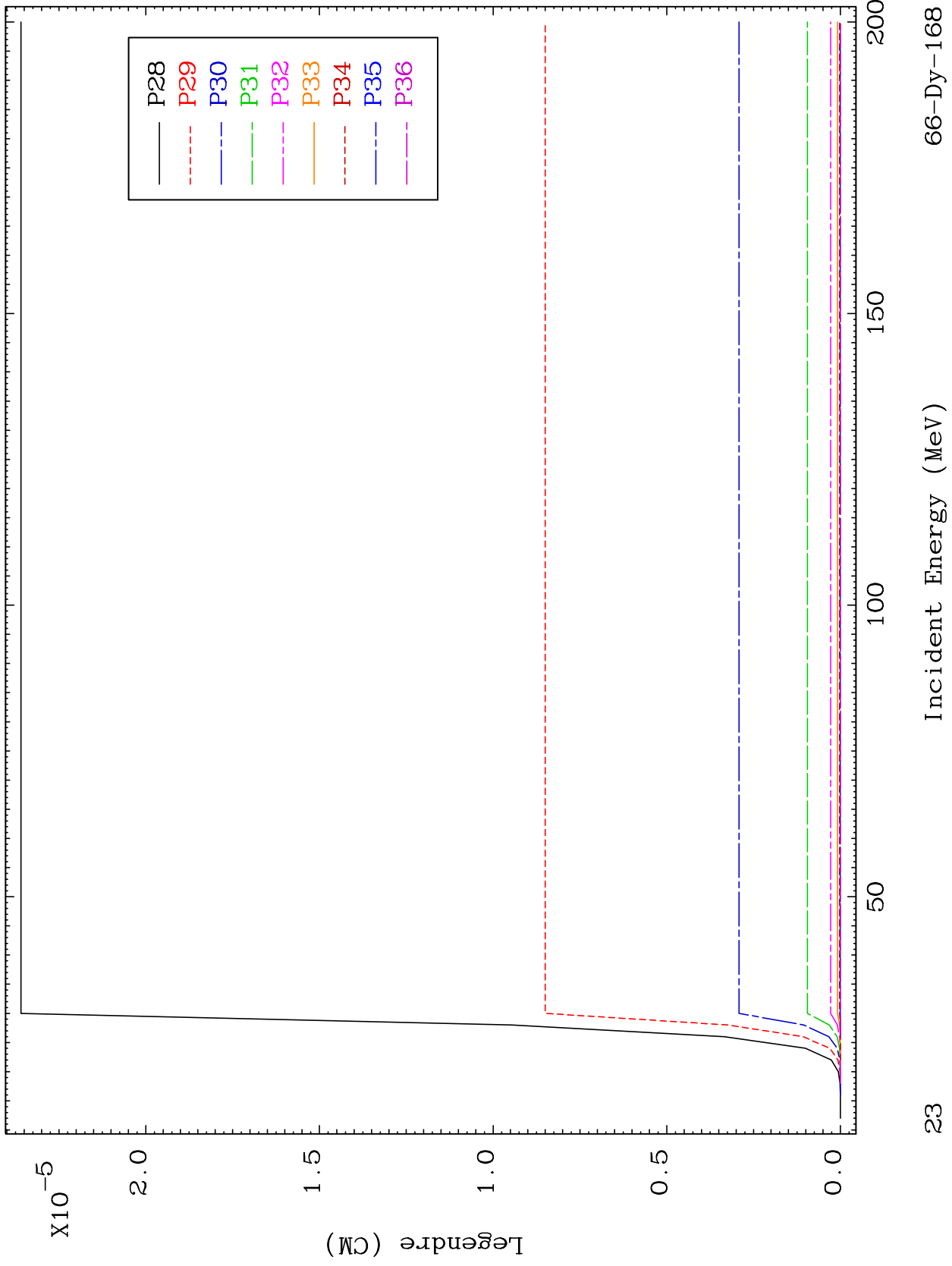


21

Incident Energy (MeV)

66-Dy-168



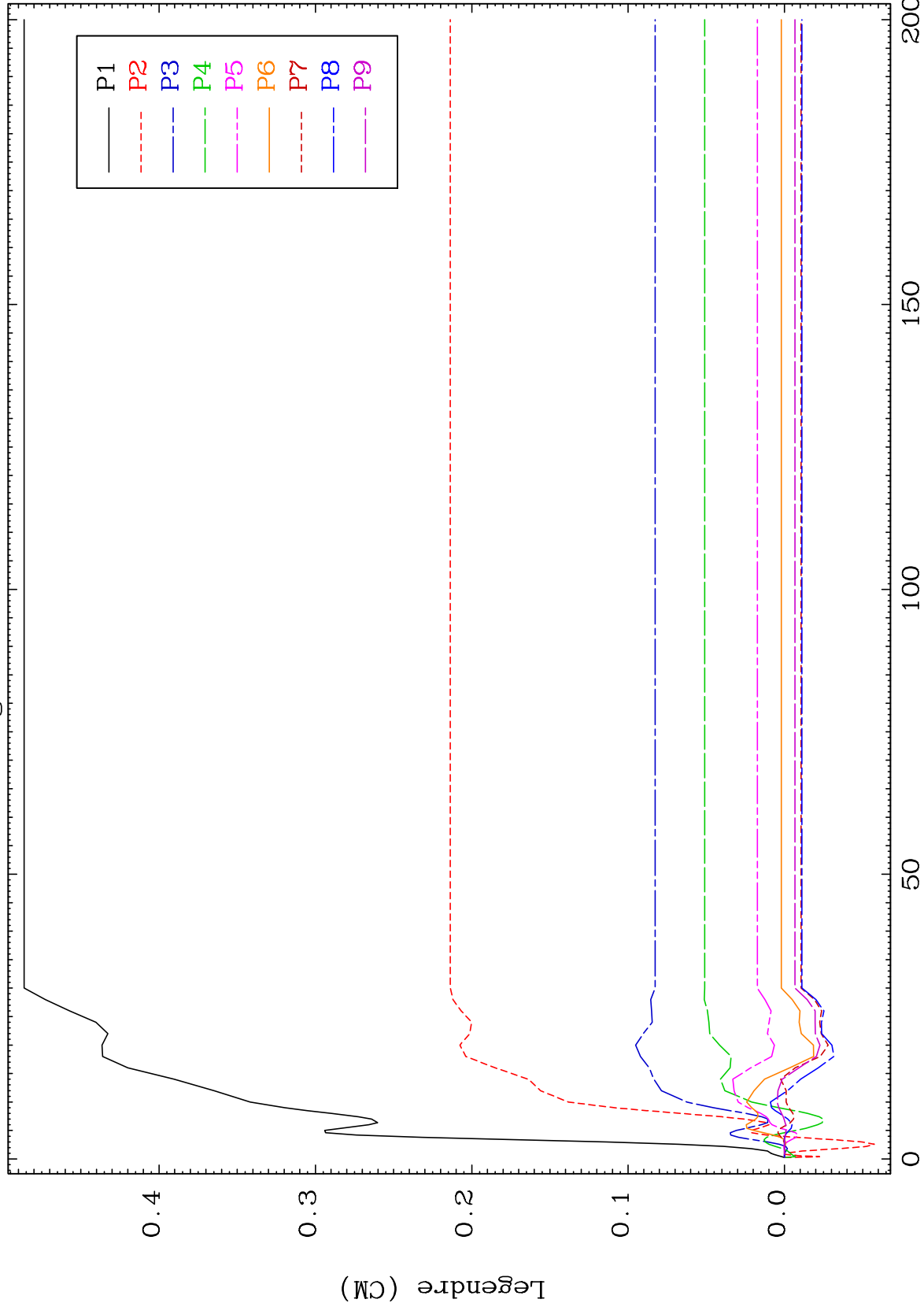




MAT 6661

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

66-Dy-168



24

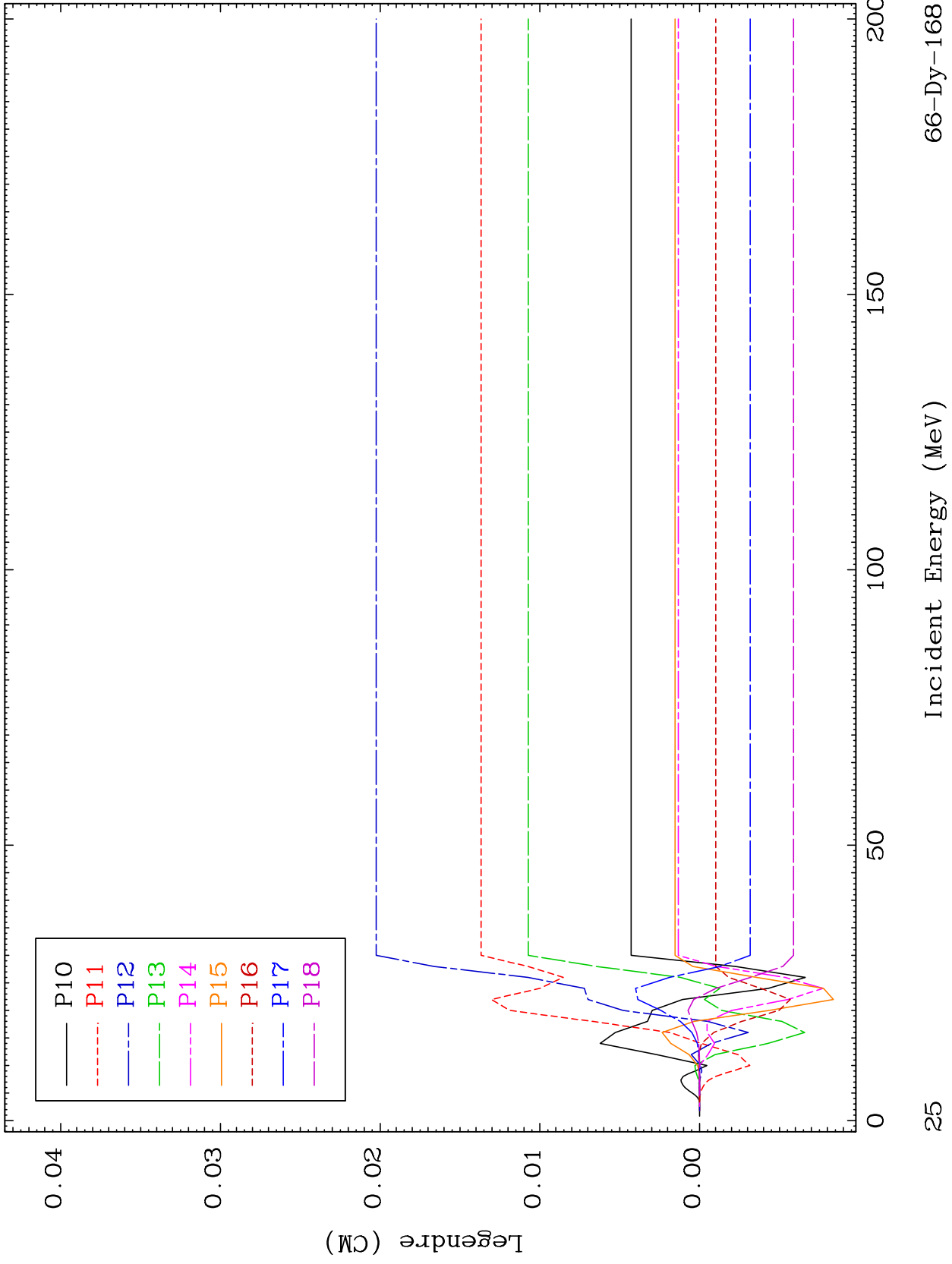
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

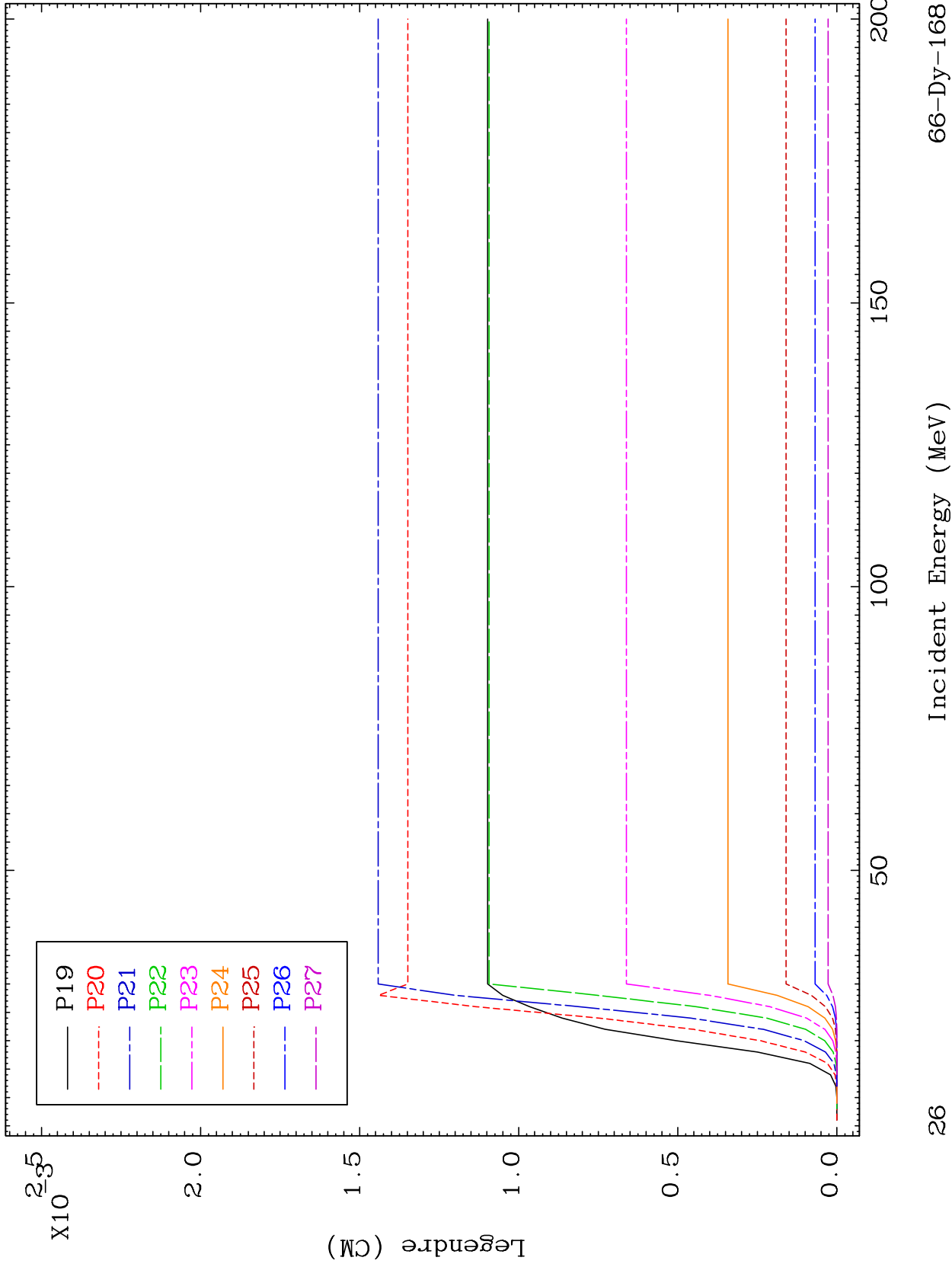
66-Dy-168



66-Dy-168

Incident Energy (MeV)

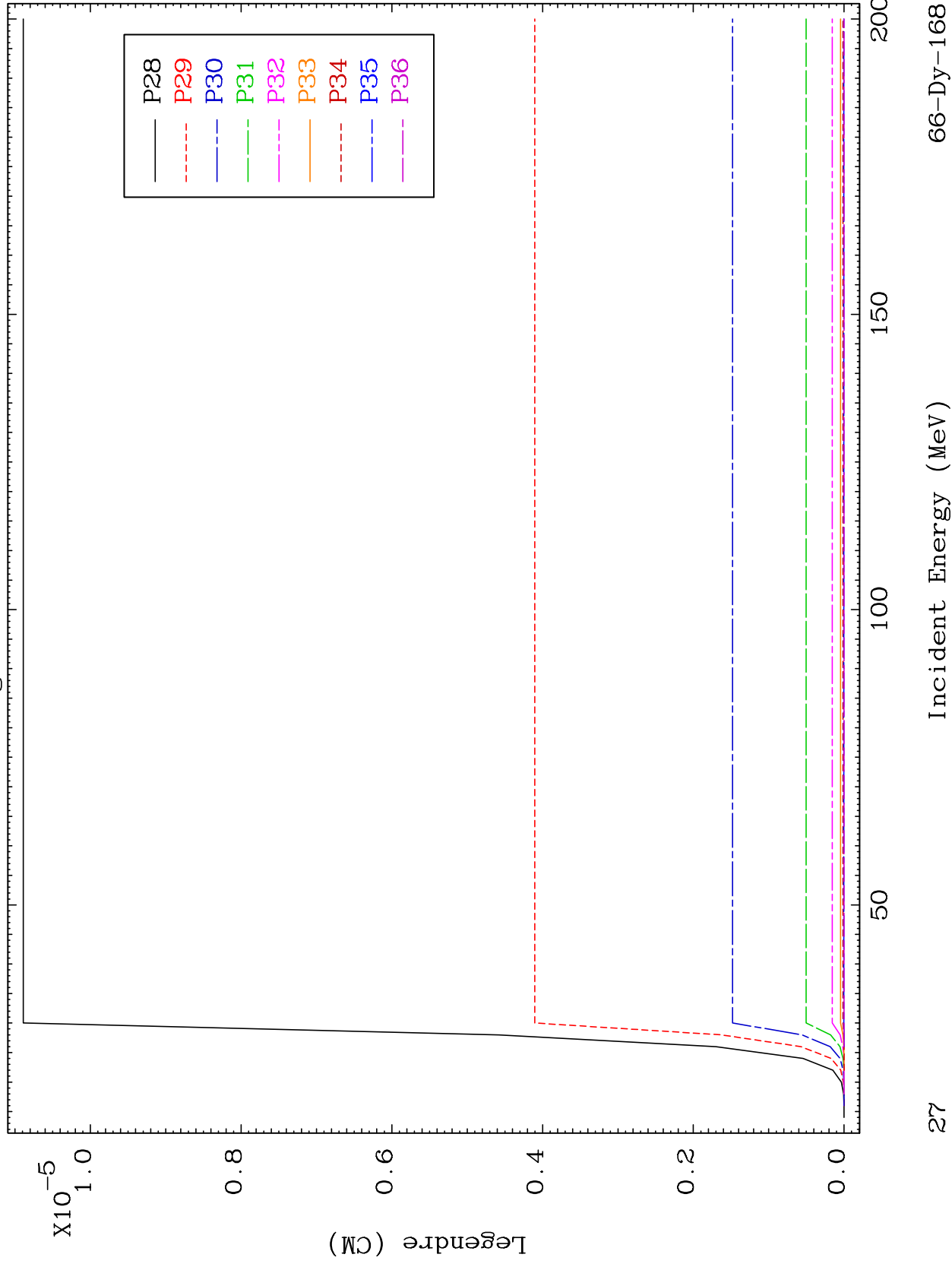
25



MAT 6661

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

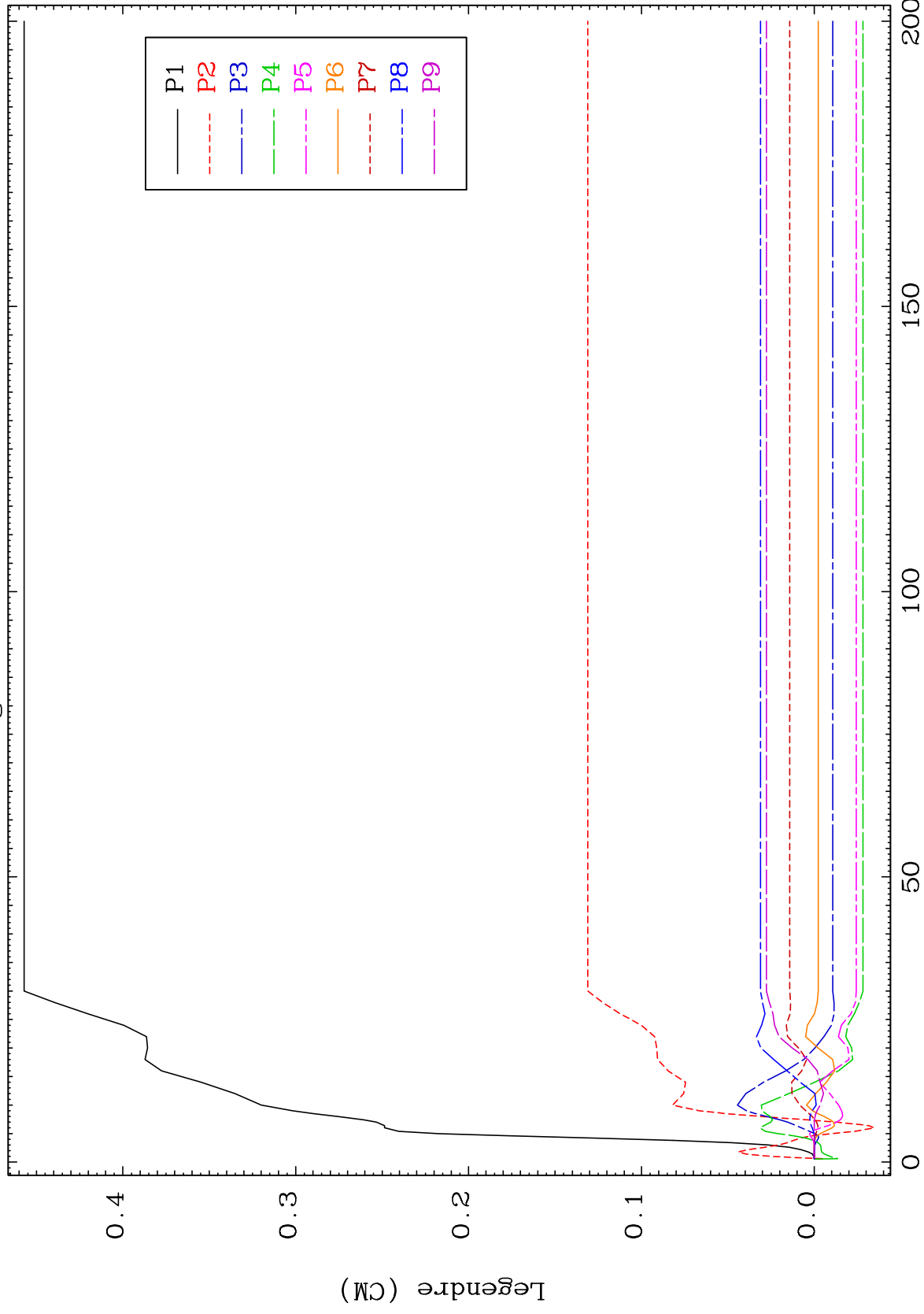
66-Dy-168



MAT 6661

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

66-Dy-168



28

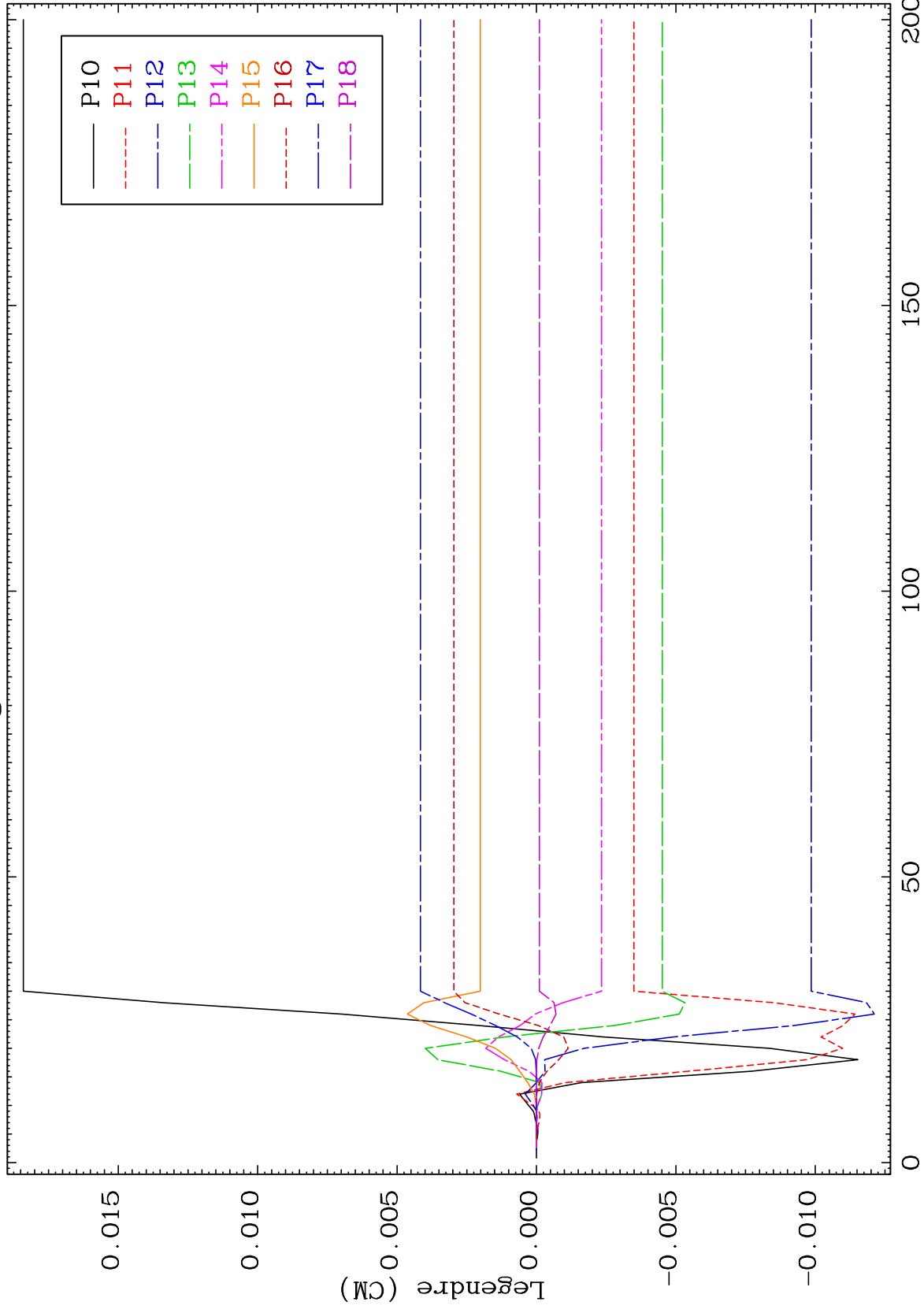
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

66-Dy-168



29

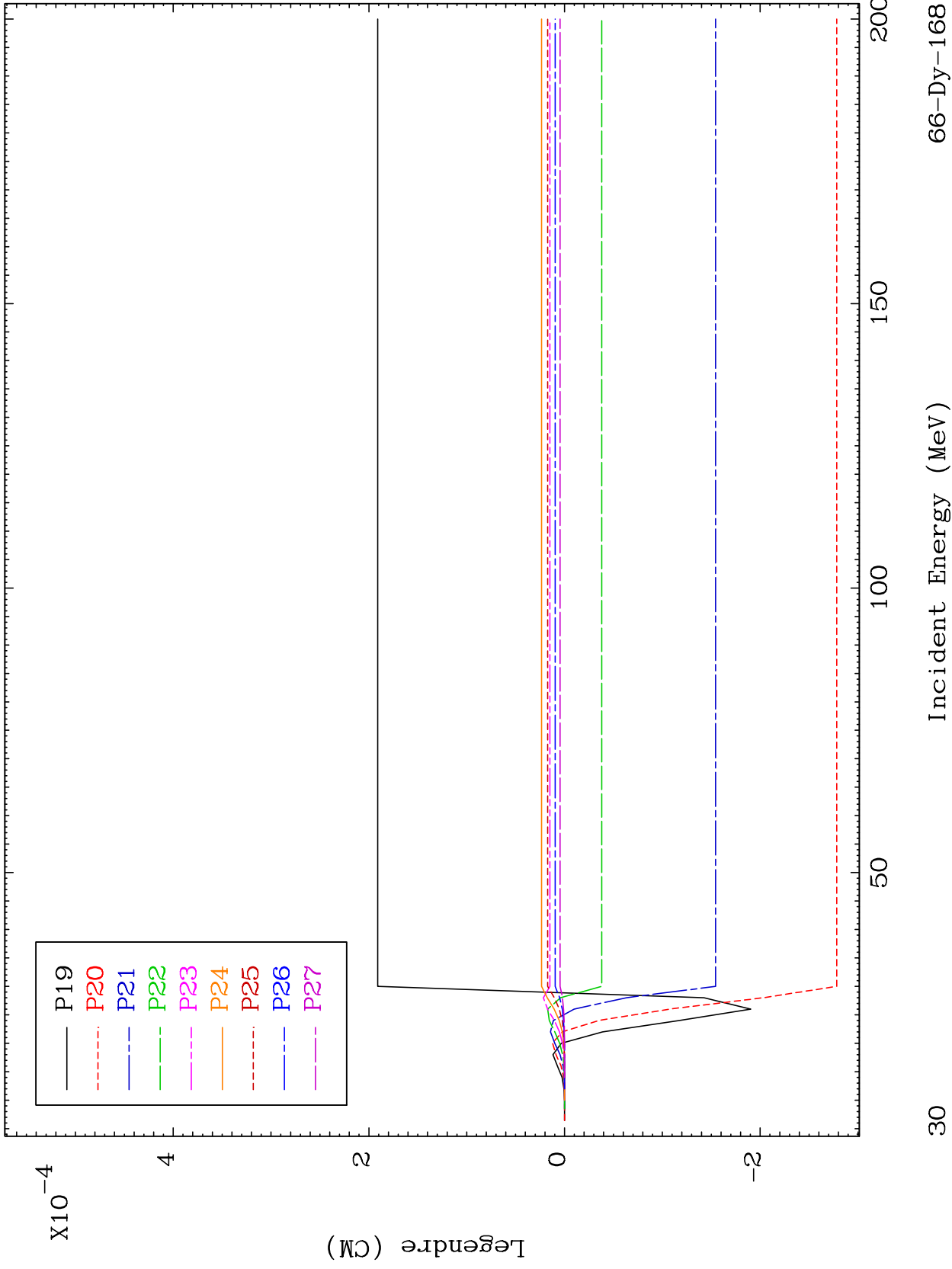
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

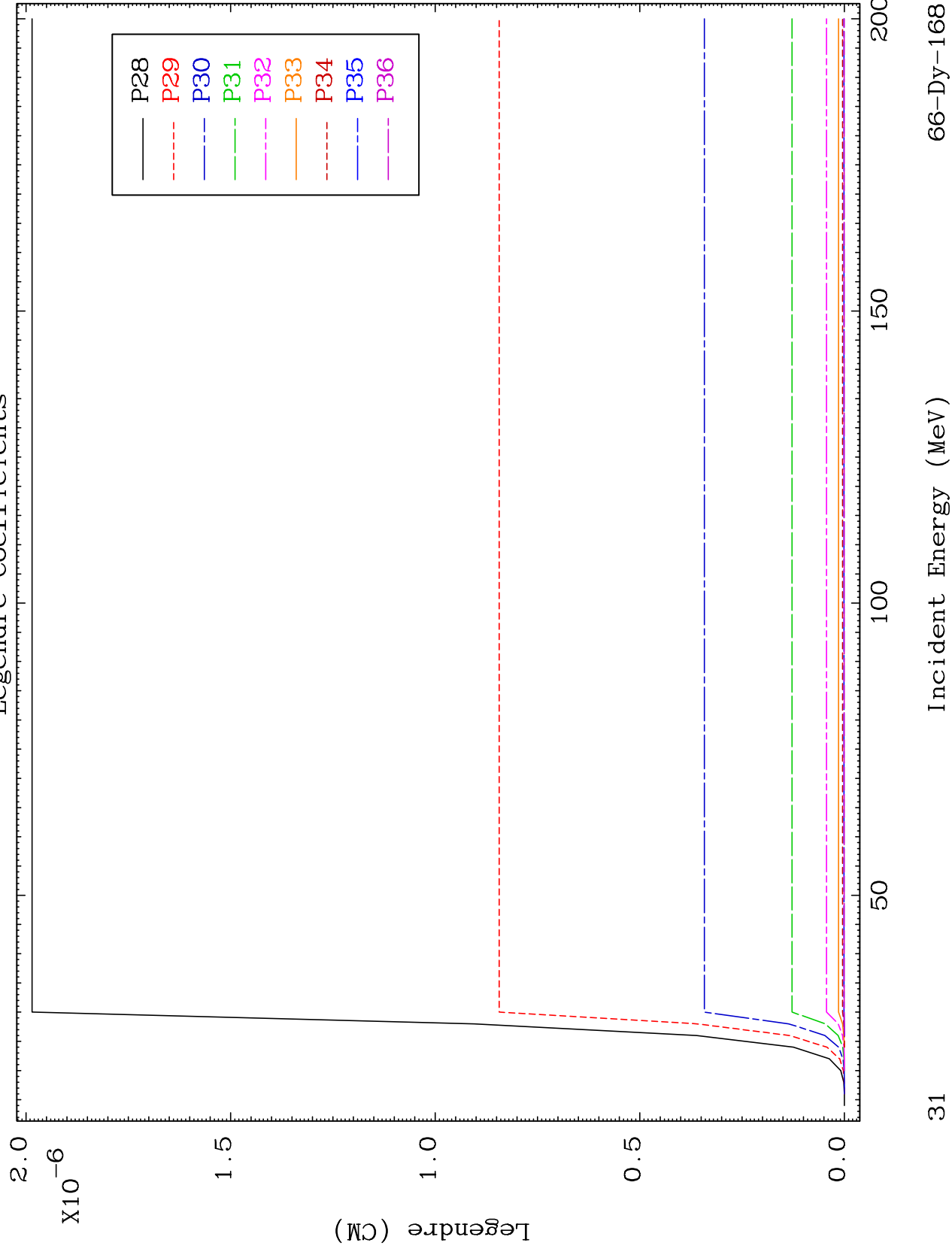
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MAT 6661

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

66-Dy-168

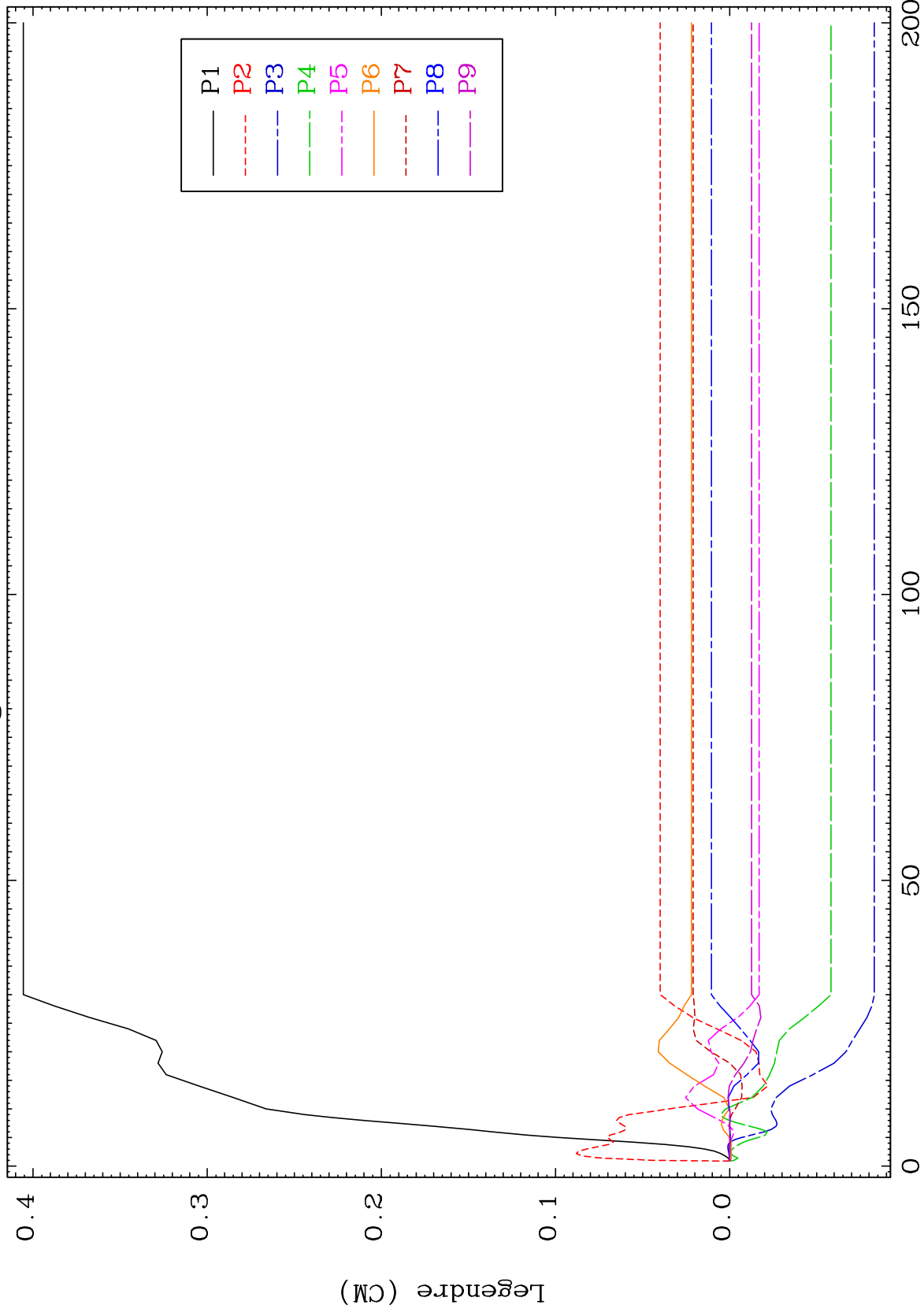




MAT 6661

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

66-Dy-168



32

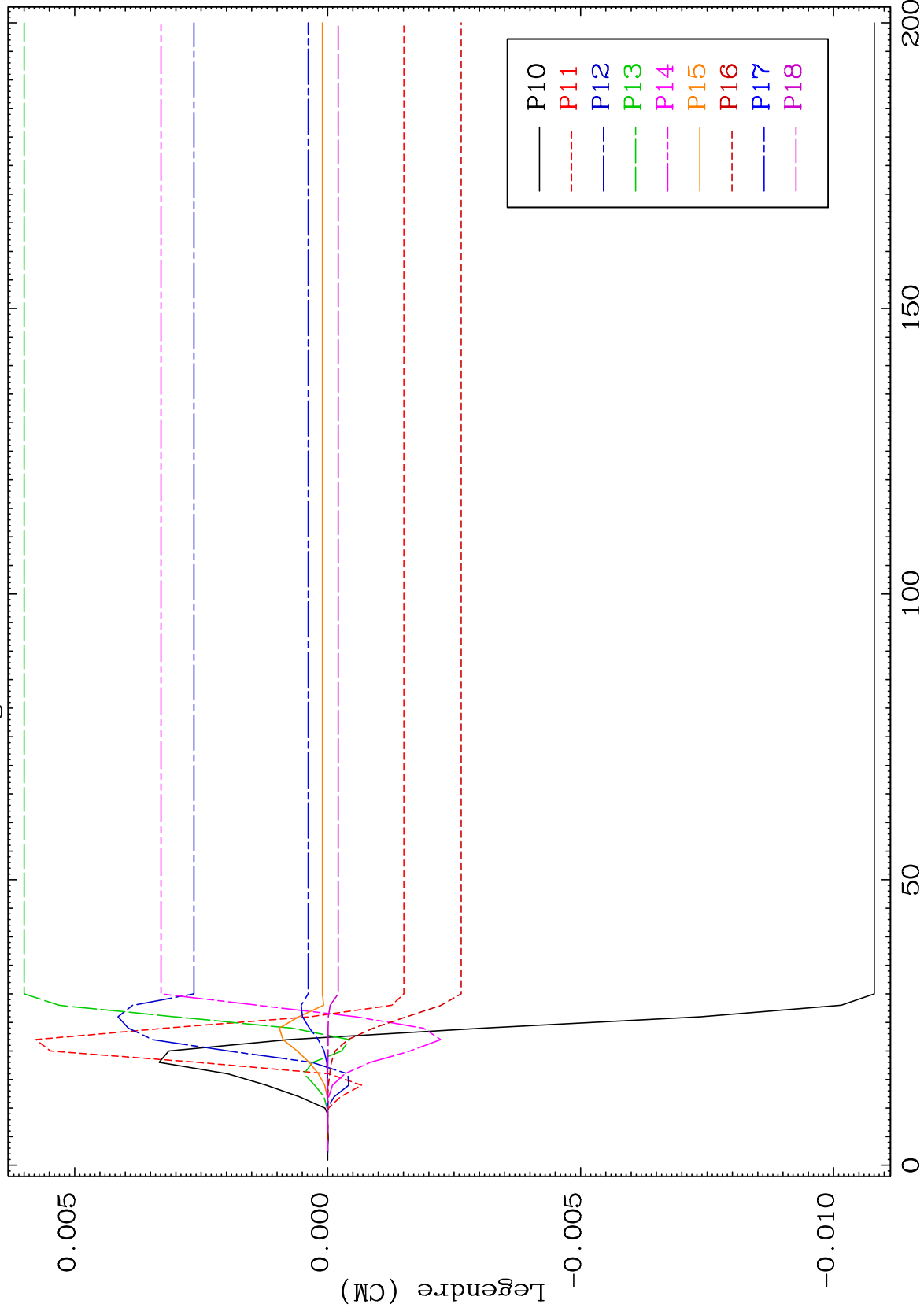
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

66-Dy-168



33

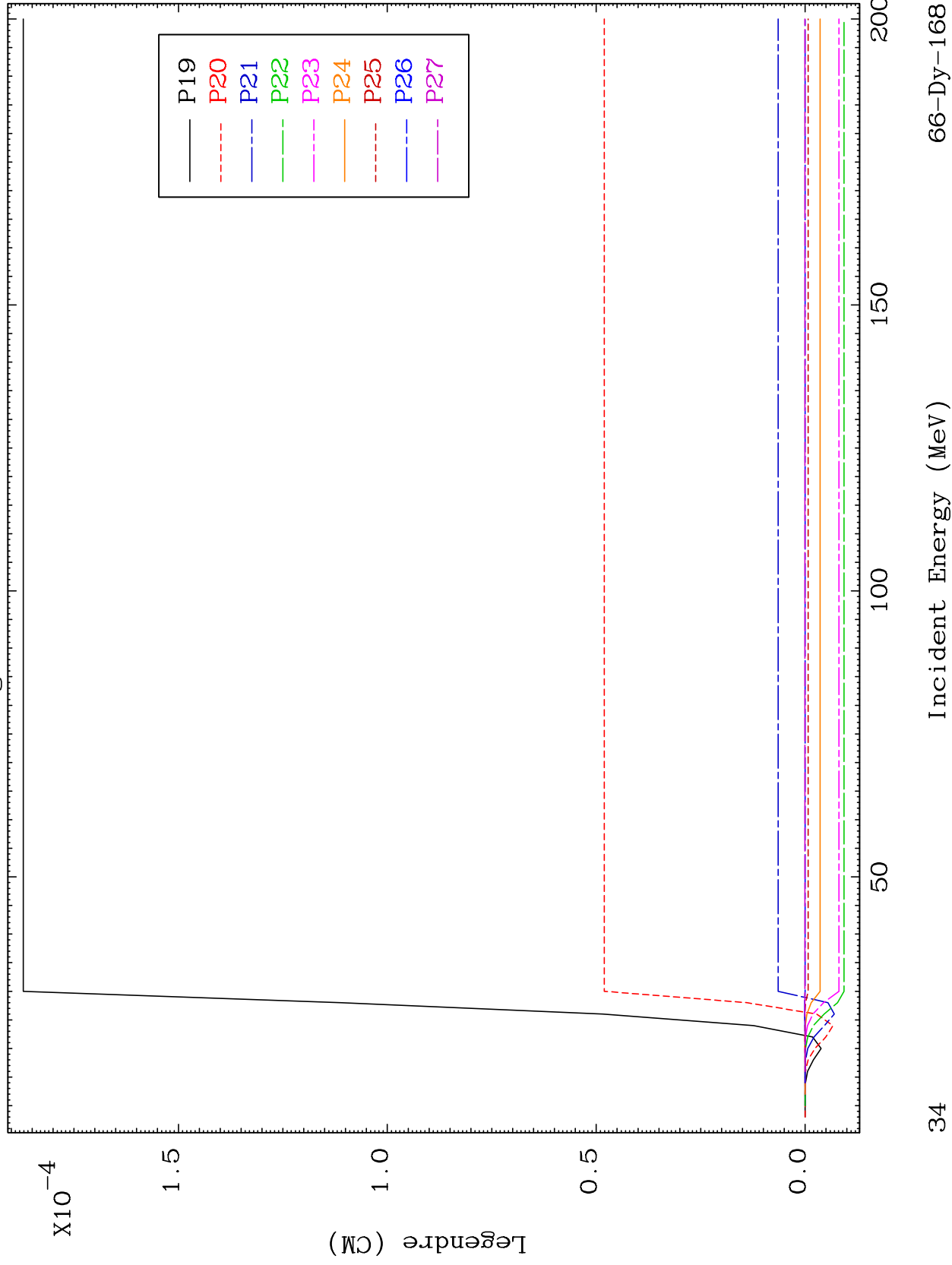
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

66-Dy-168

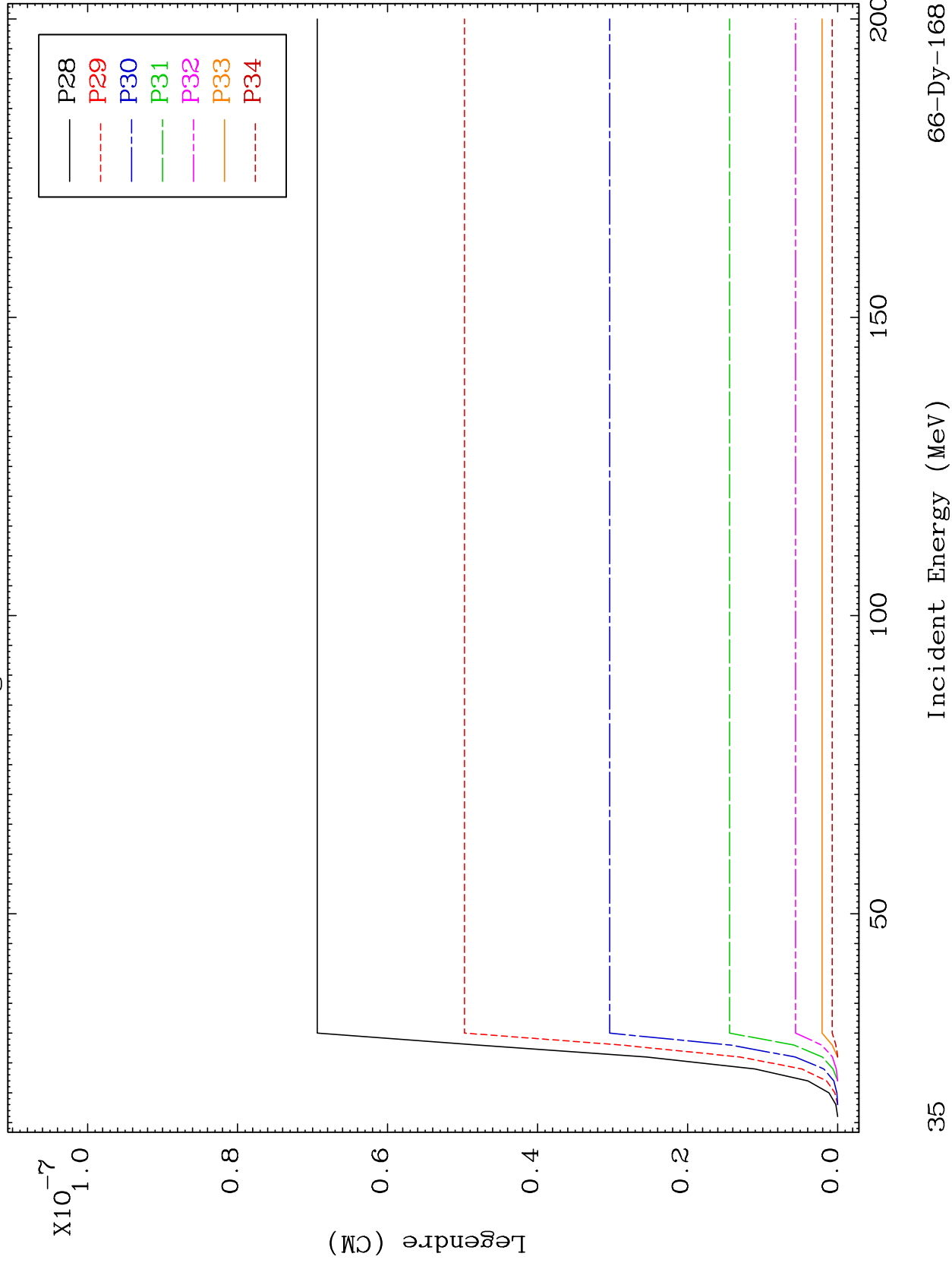


34

MAT 6661

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

66-Dy-168



35

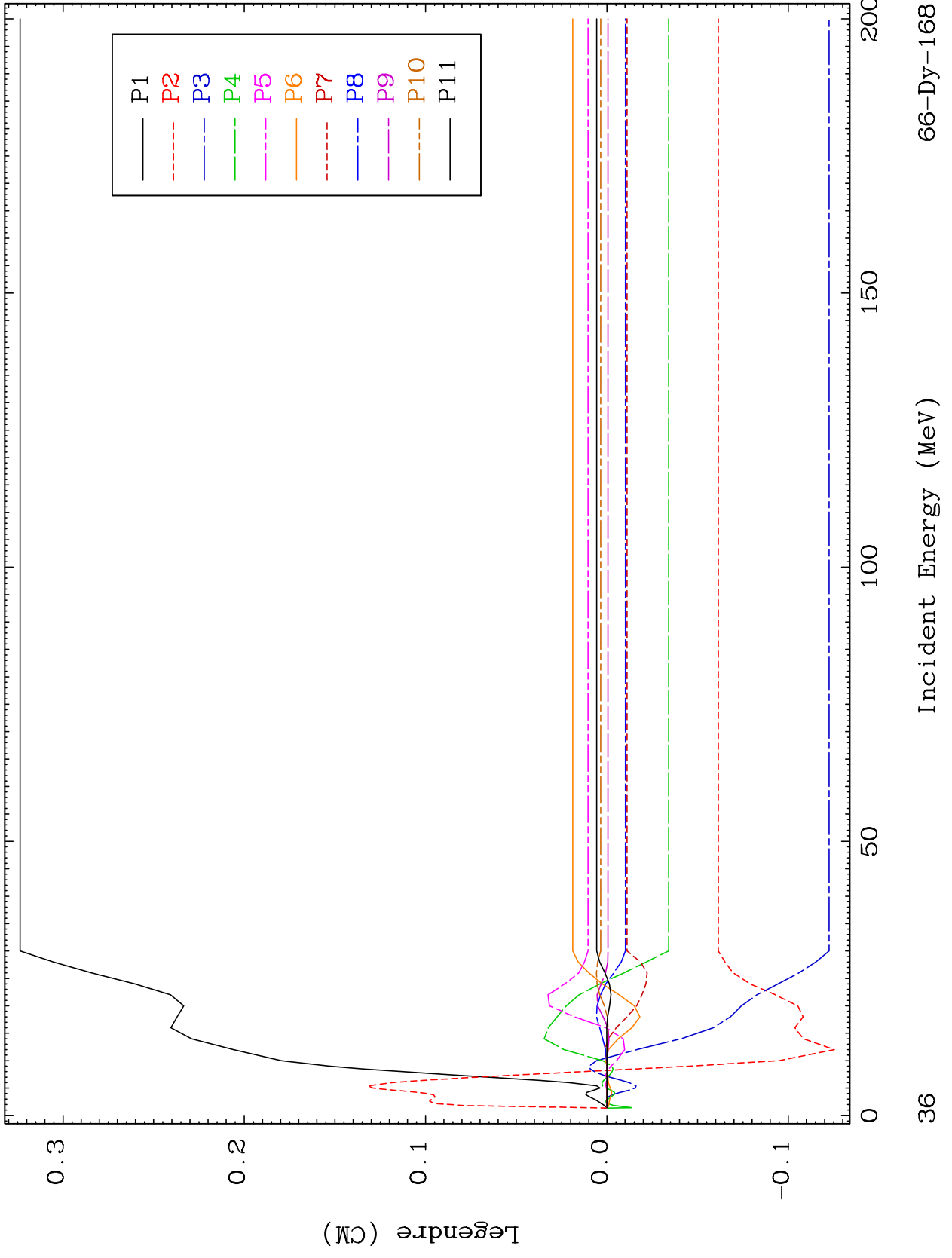
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

66-Dy-168

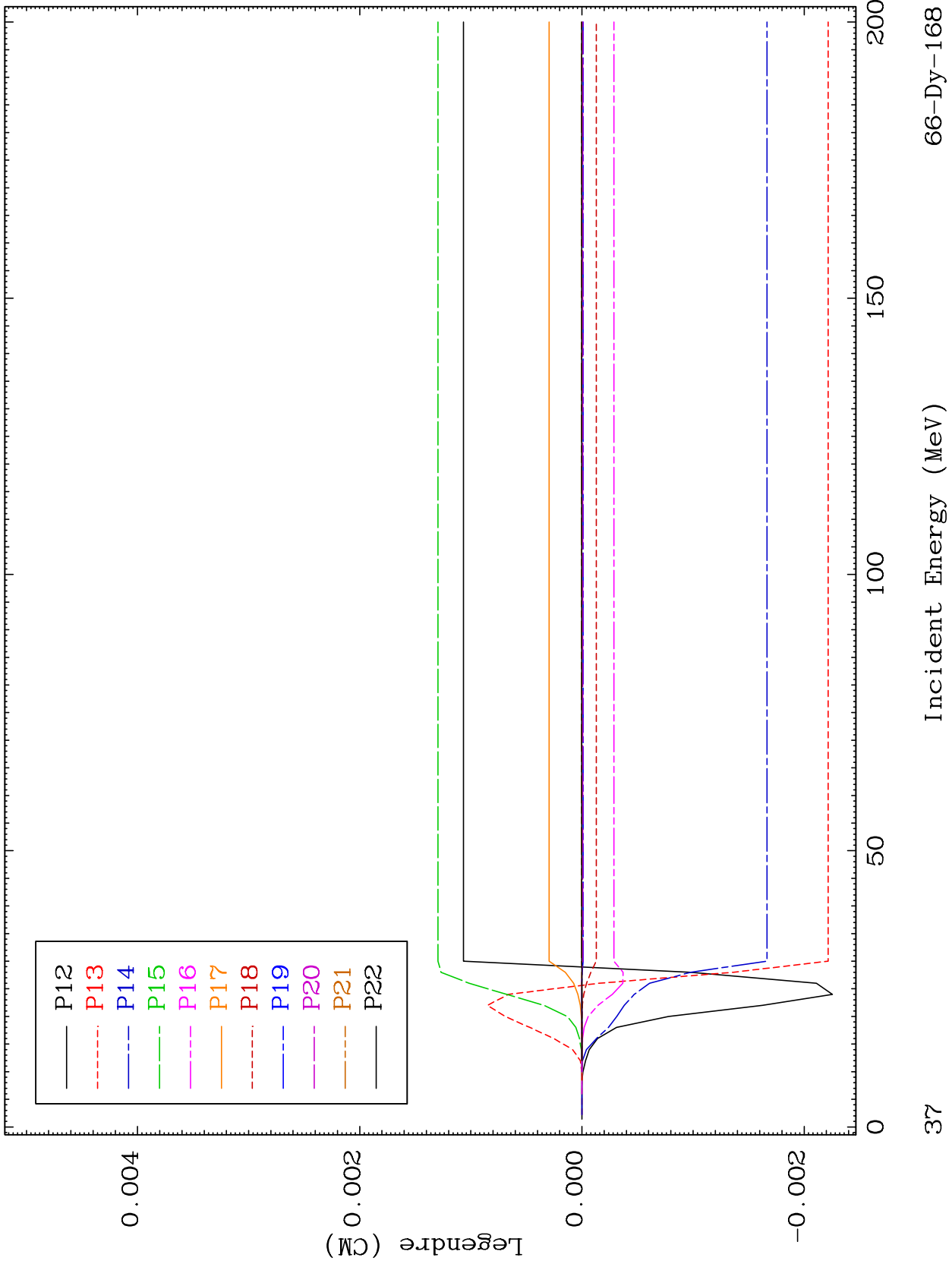


36

MAT 6661

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

66-Dy-168



37

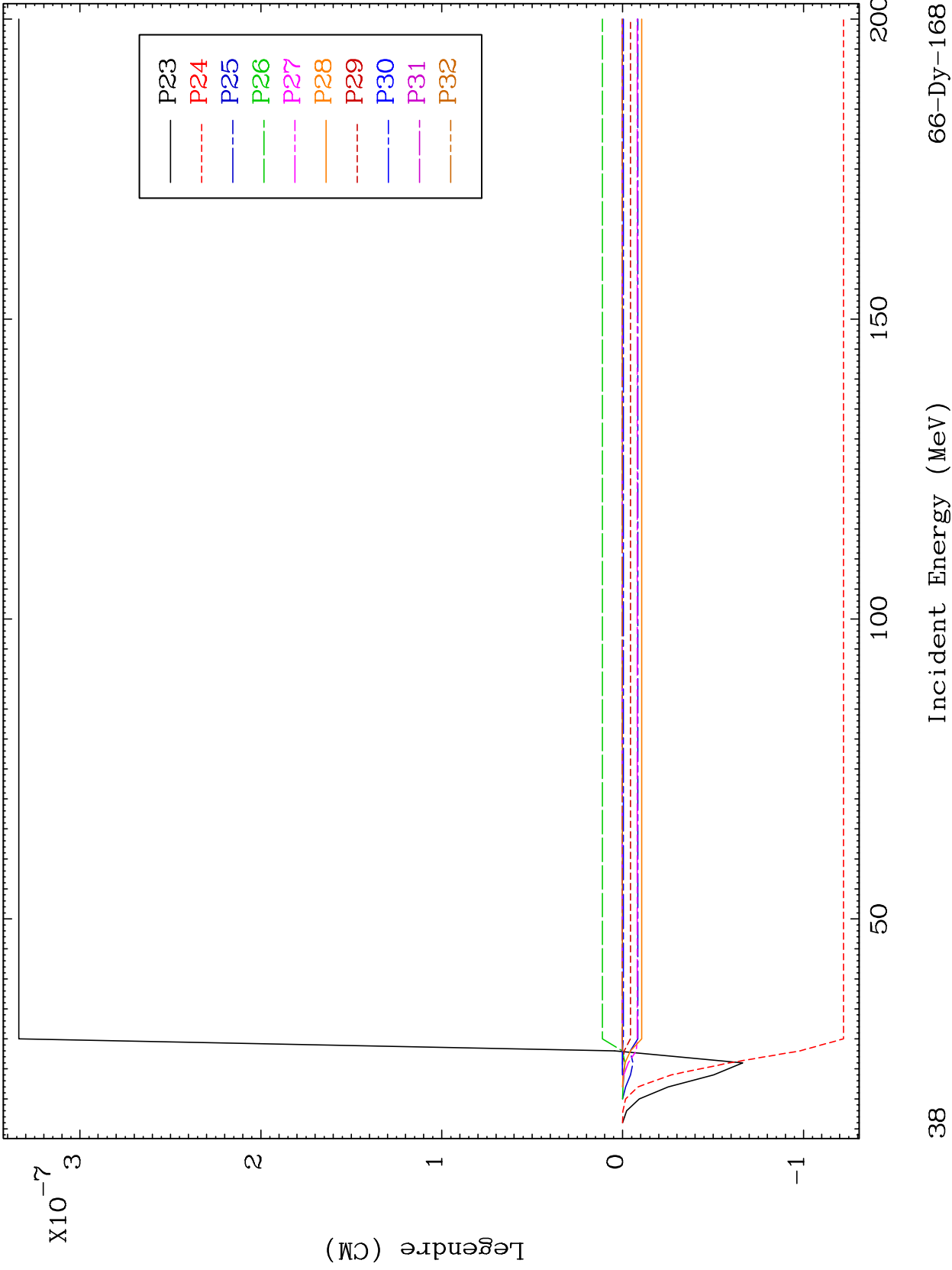
Incident Energy (MeV)

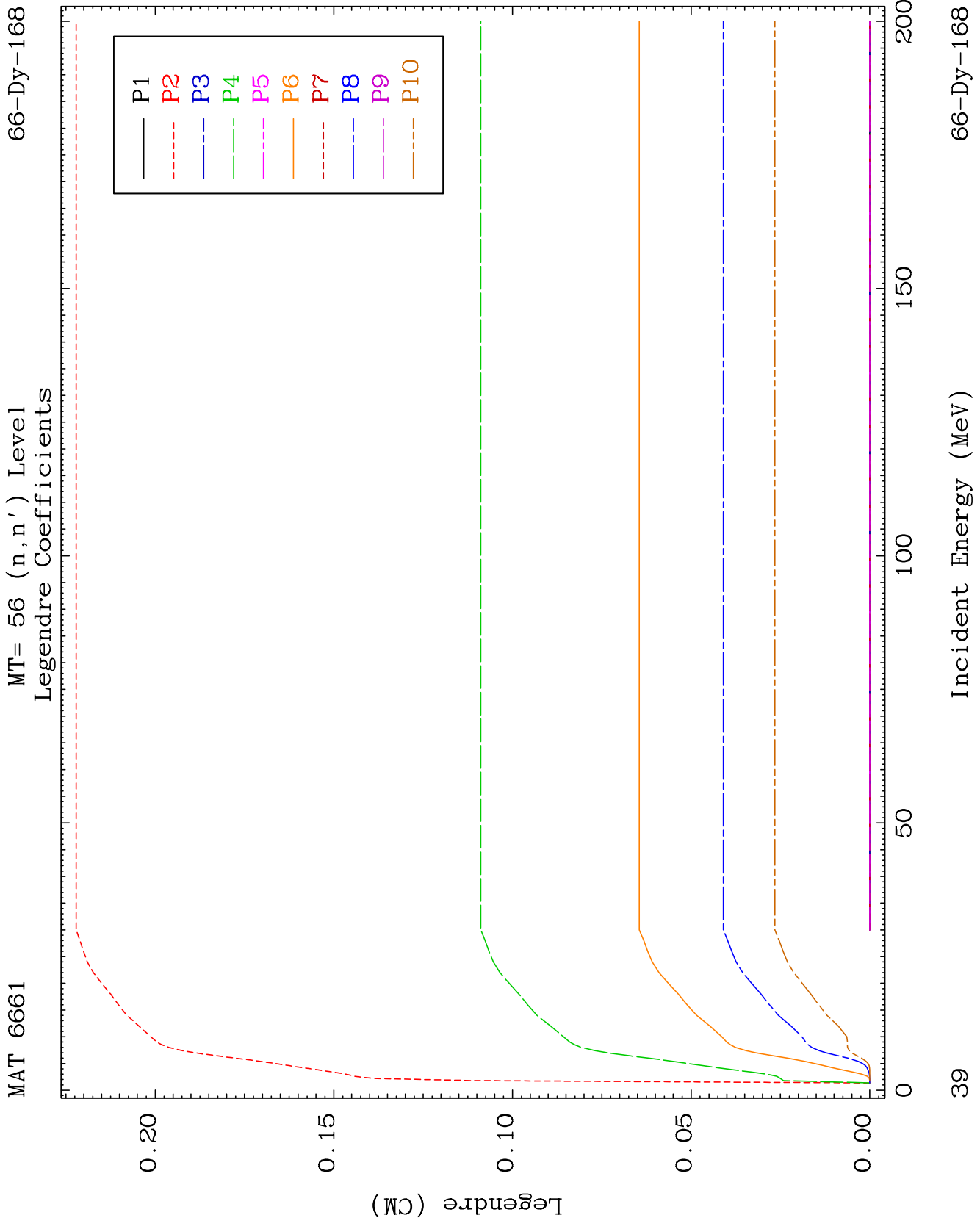
66-Dy-168

MAT 6661

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

66-Dy-168



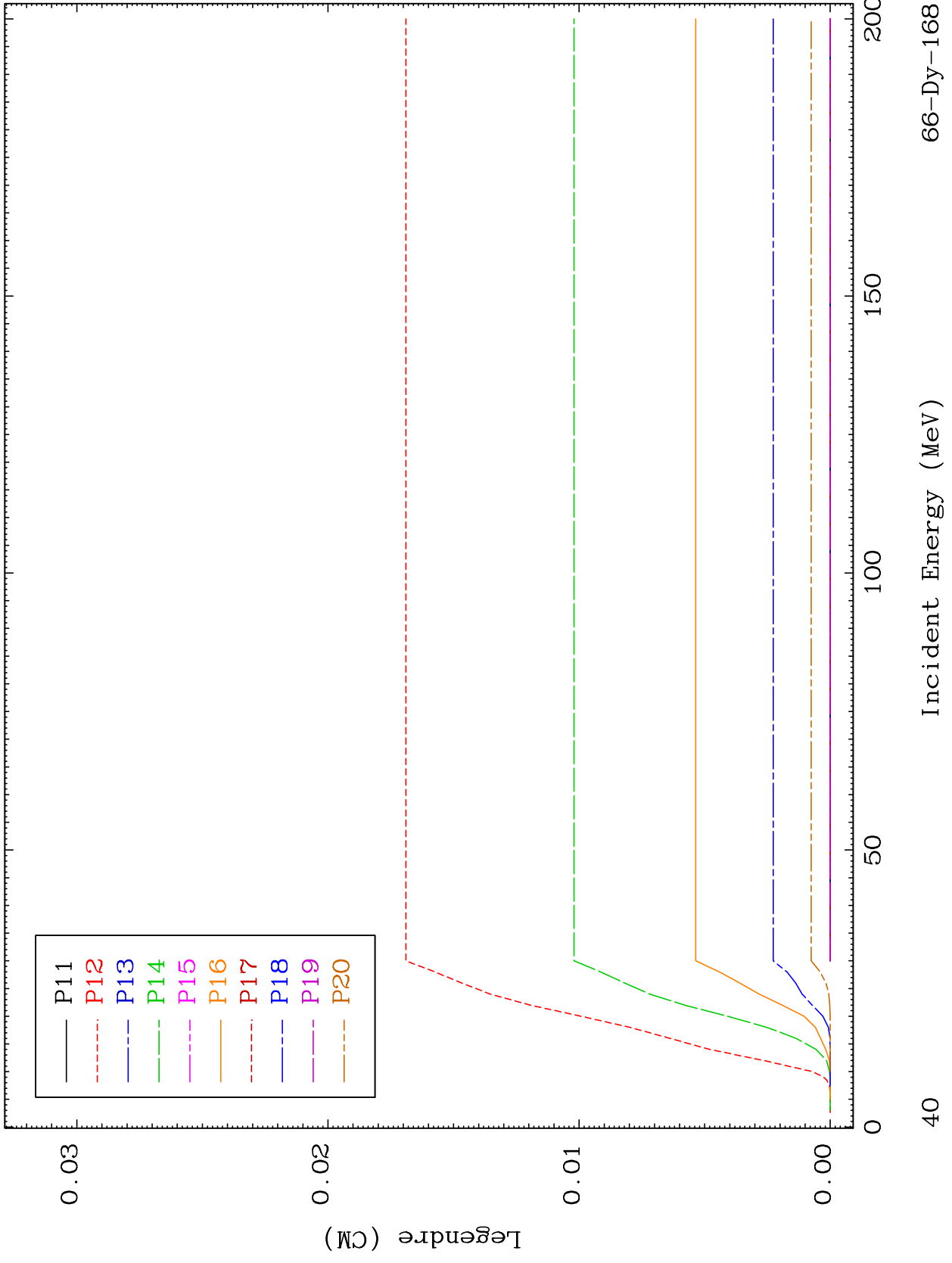




MAT 6661

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

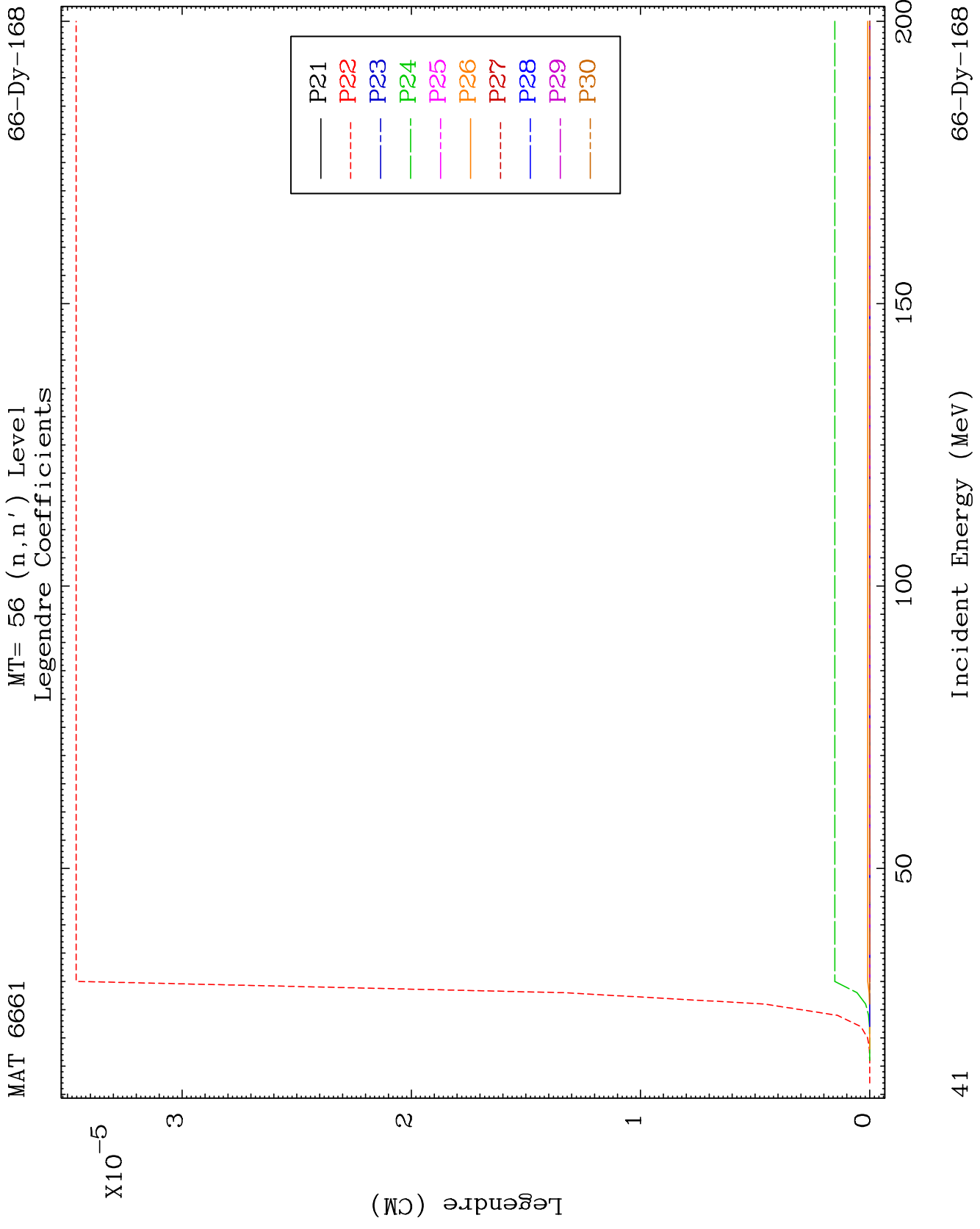
66-Dy-168



66-Dy-168

Incident Energy (MeV)

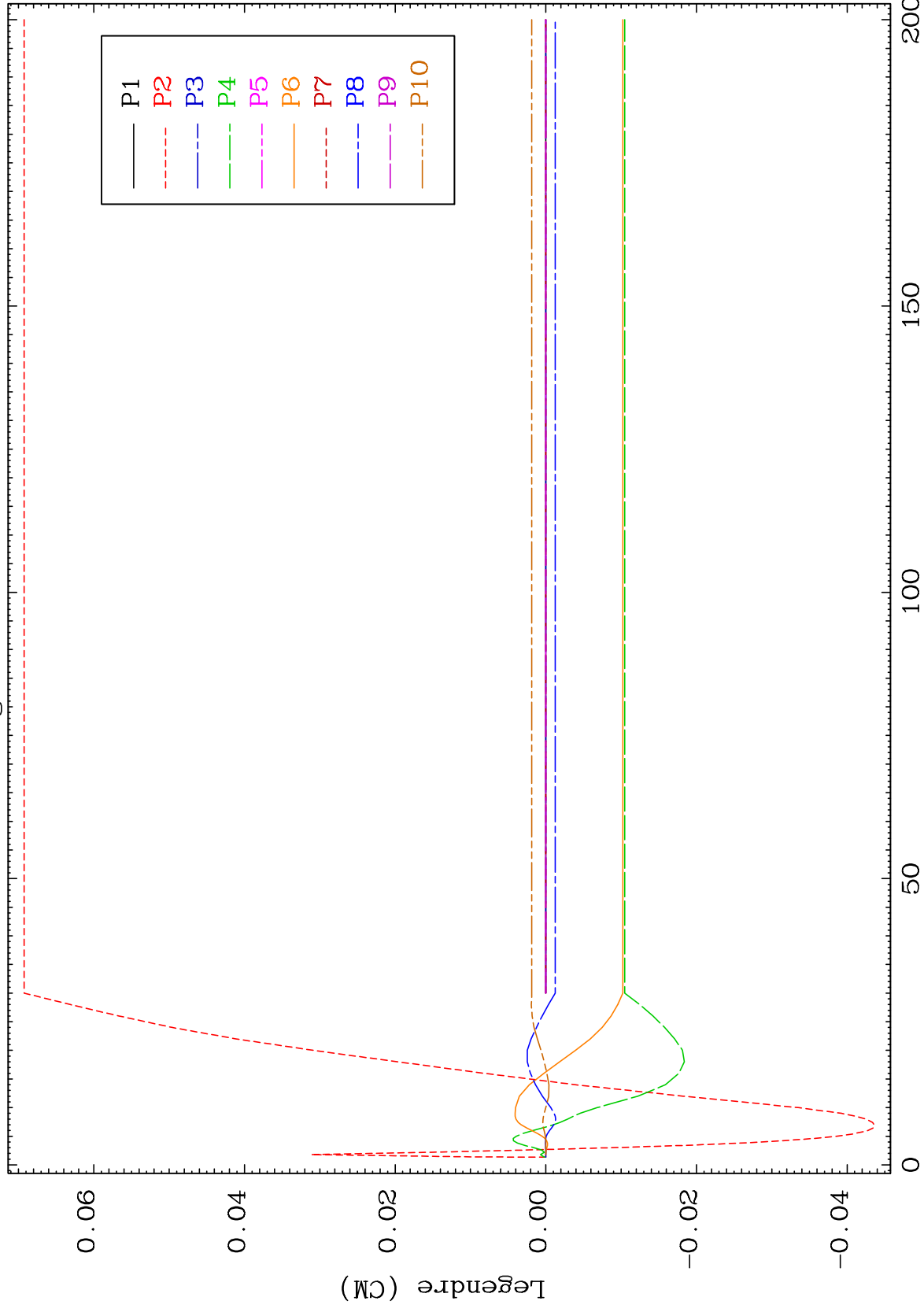
40



MAT 6661

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

66-Dy-168



42

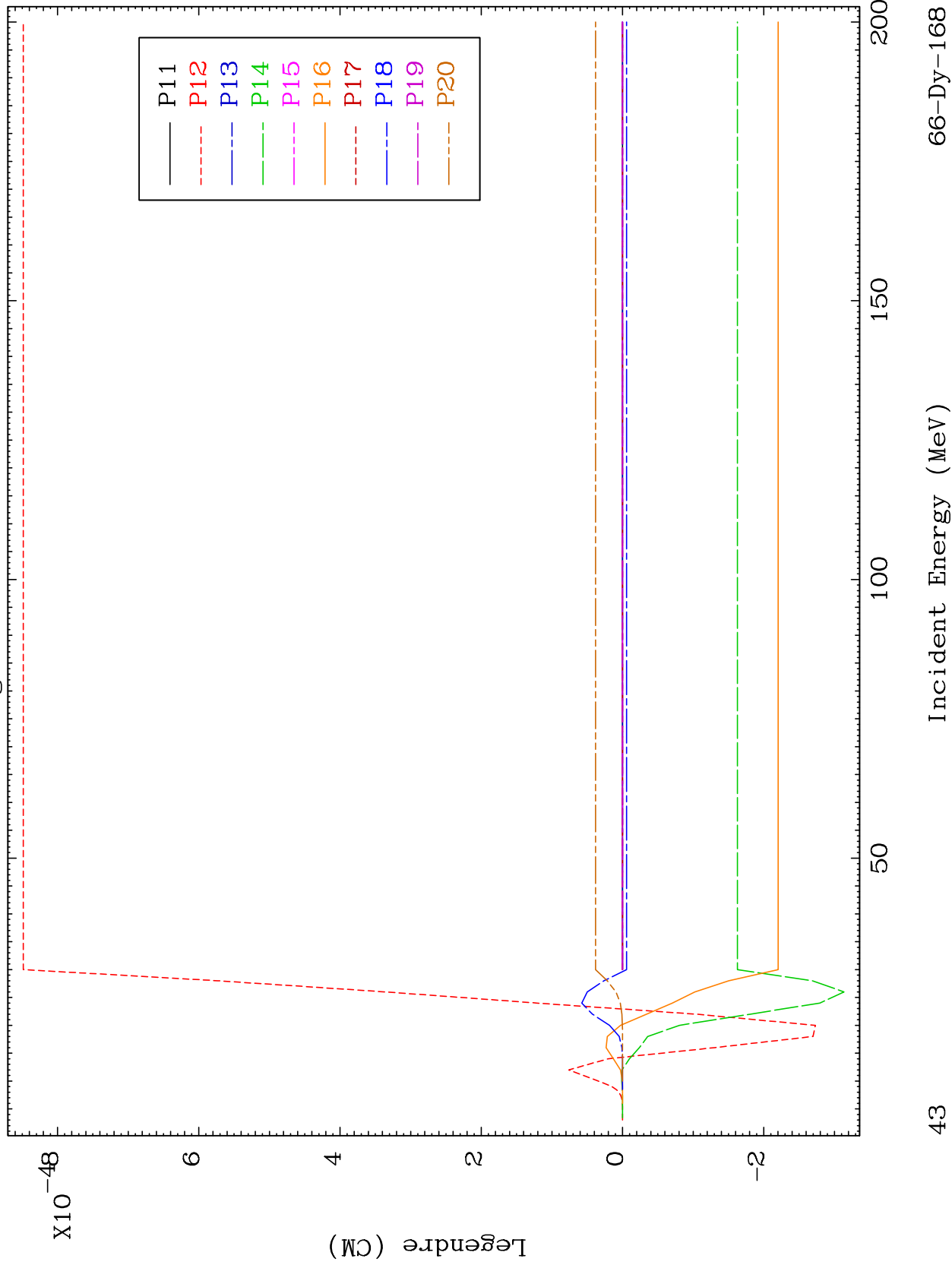
Incident Energy (MeV)

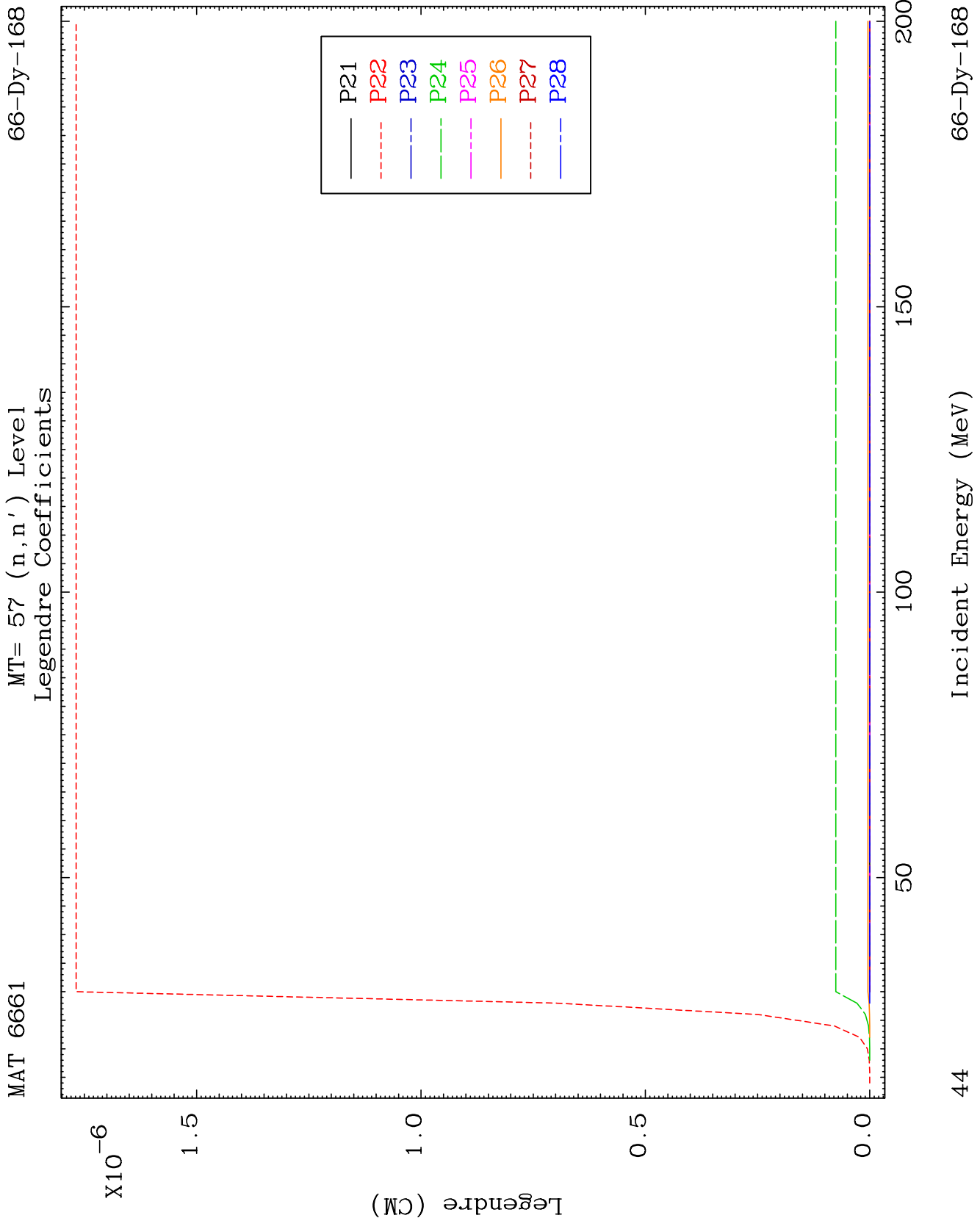
66-Dy-168

MAT 6661

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

66-Dy-168

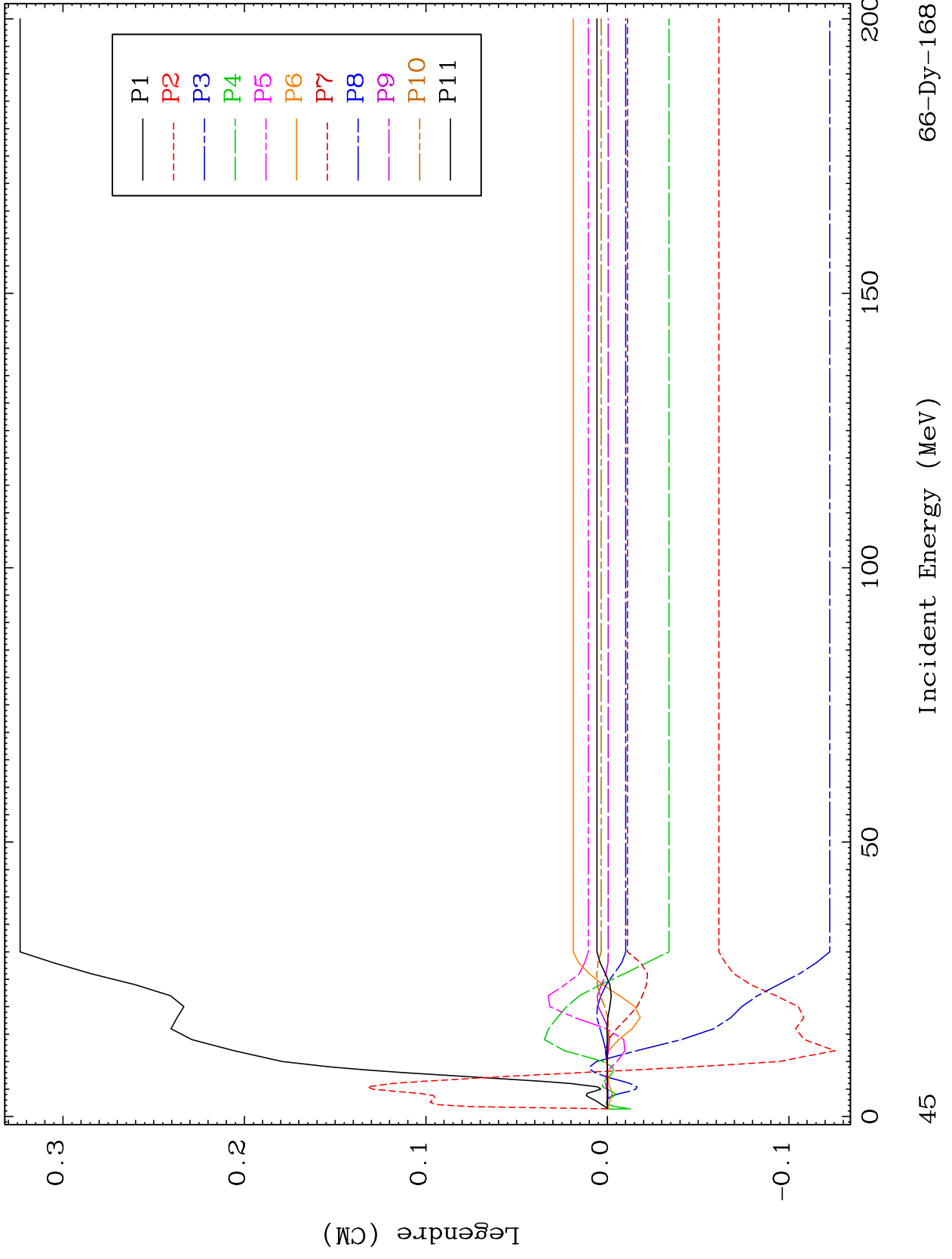




MAT 6661

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

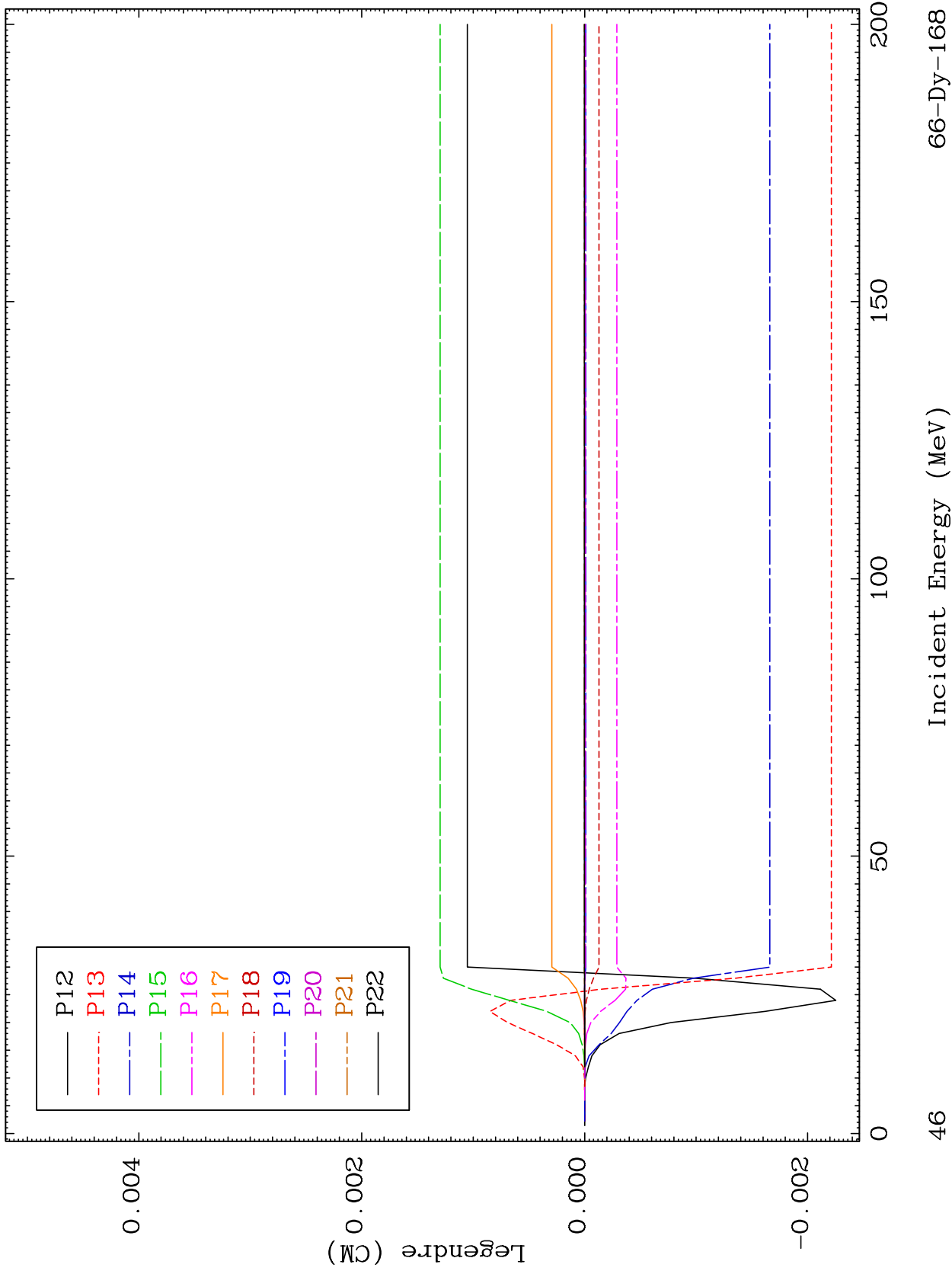
66-Dy-168



MAT 6661

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

66-Dy-168



46

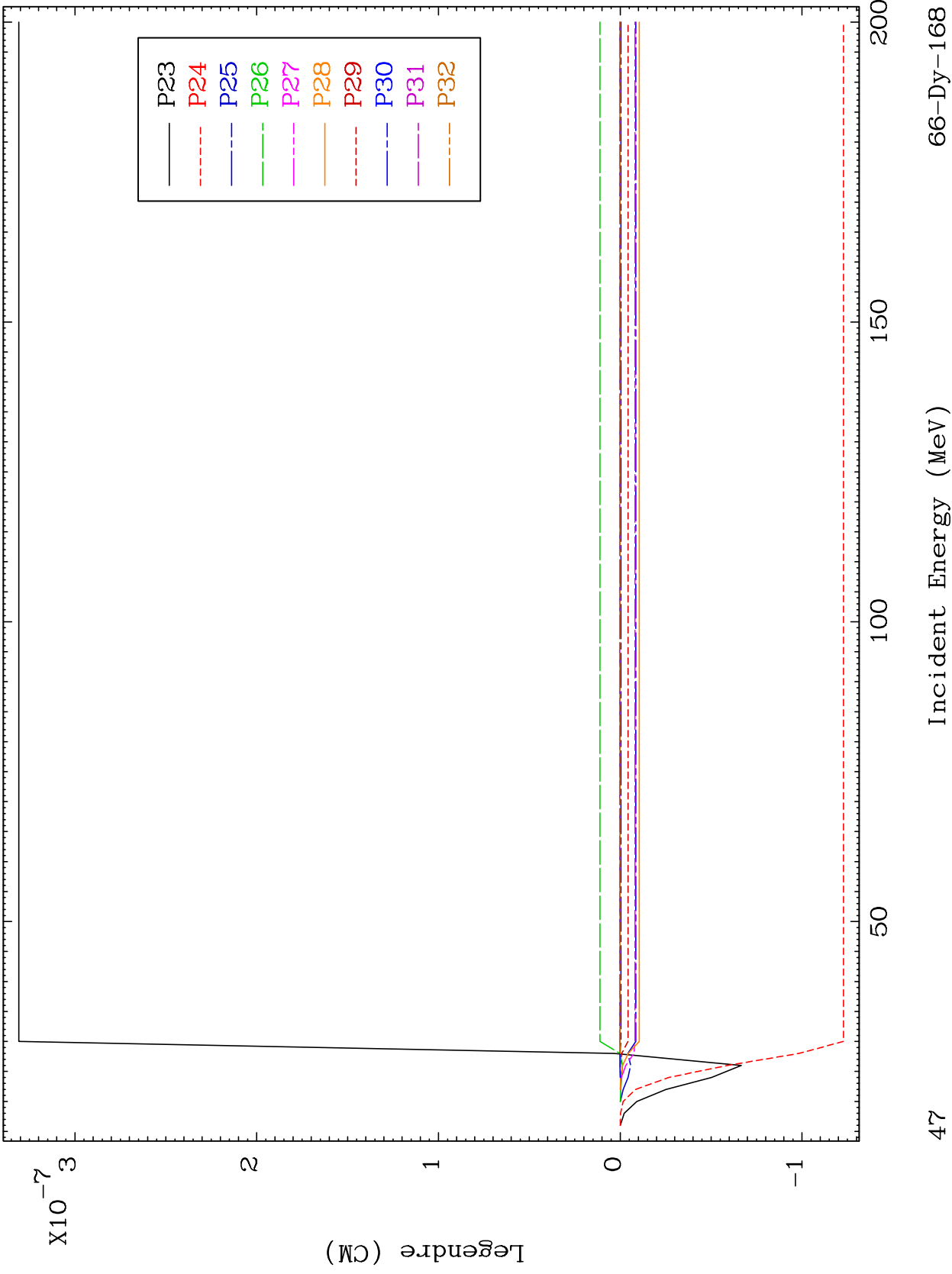
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

66-Dy-168

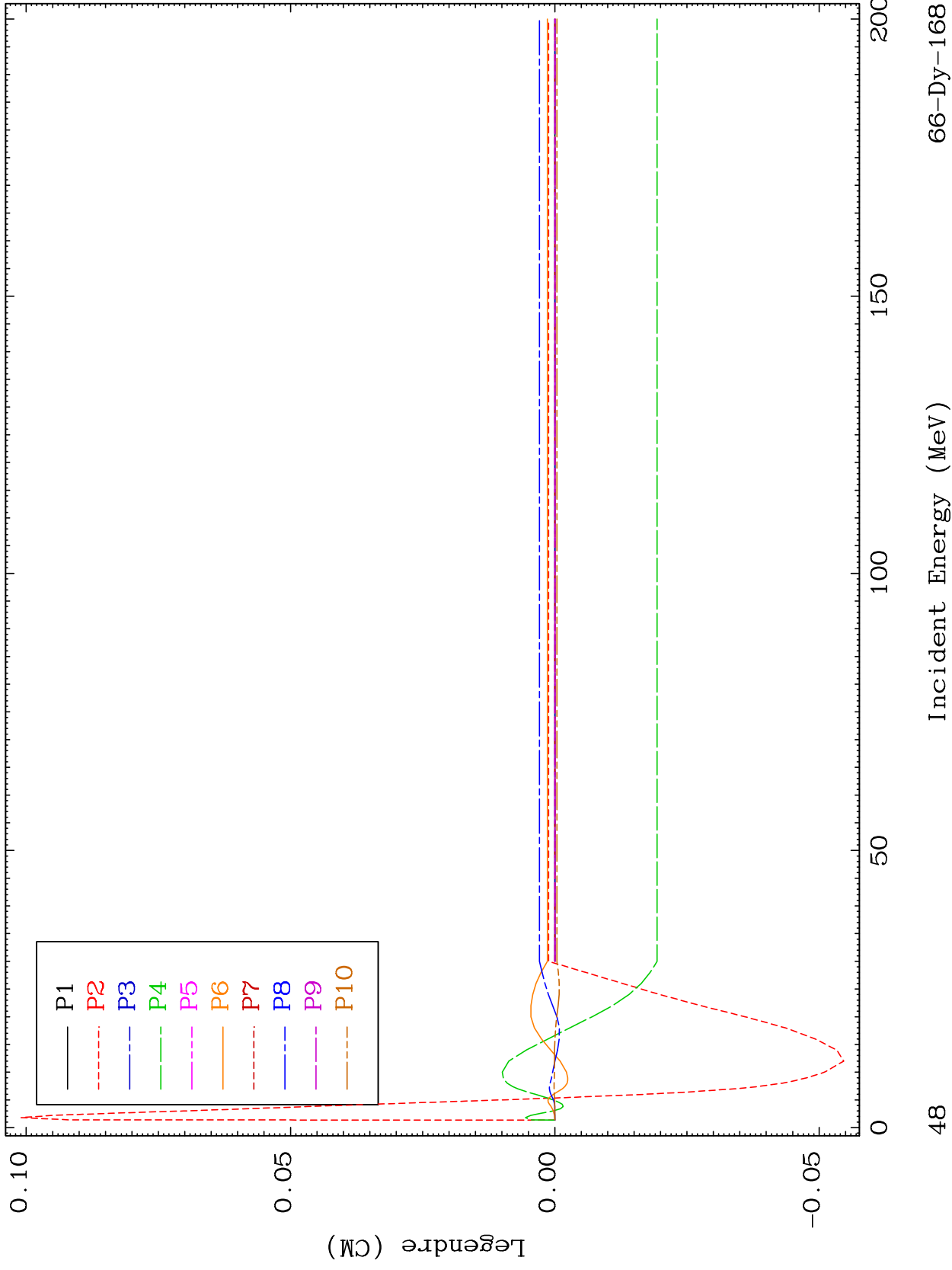




MAT 6661

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

66-Dy-168



66-Dy-168

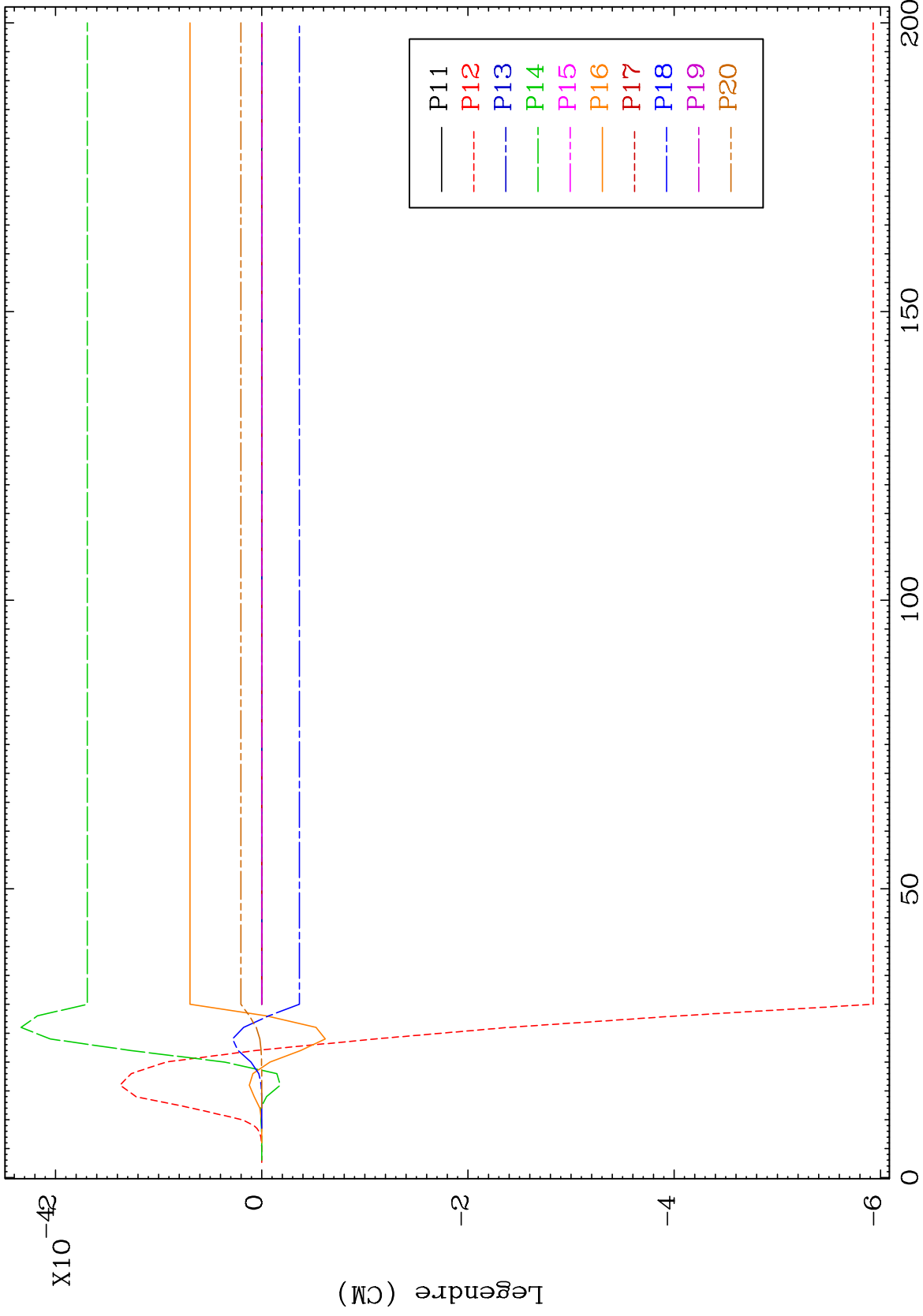
Incident Energy (MeV)

48

MAT 6661

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

66-Dy-168



49

Incident Energy (MeV)

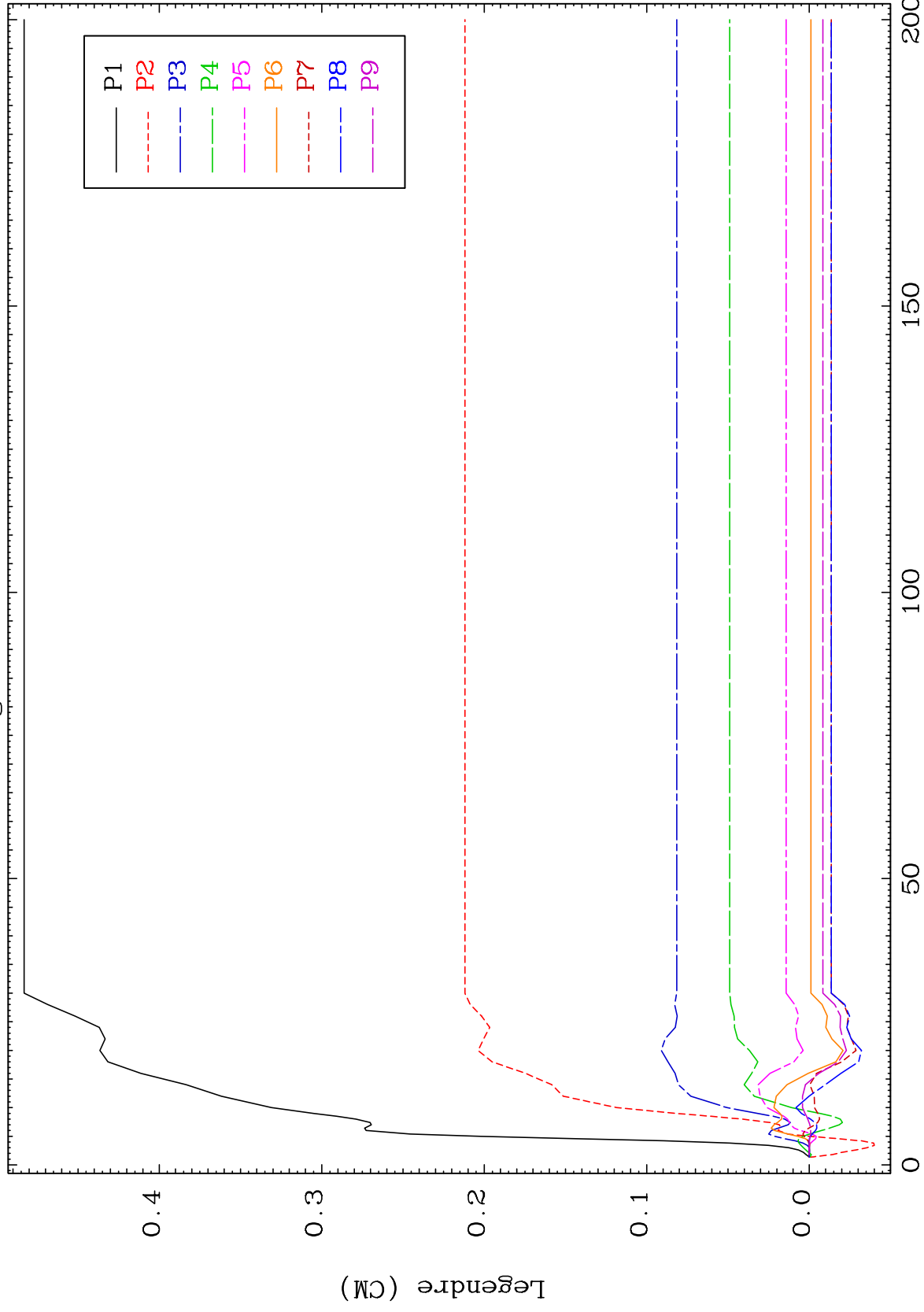
66-Dy-168



MAT 6661

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

66-Dy-168

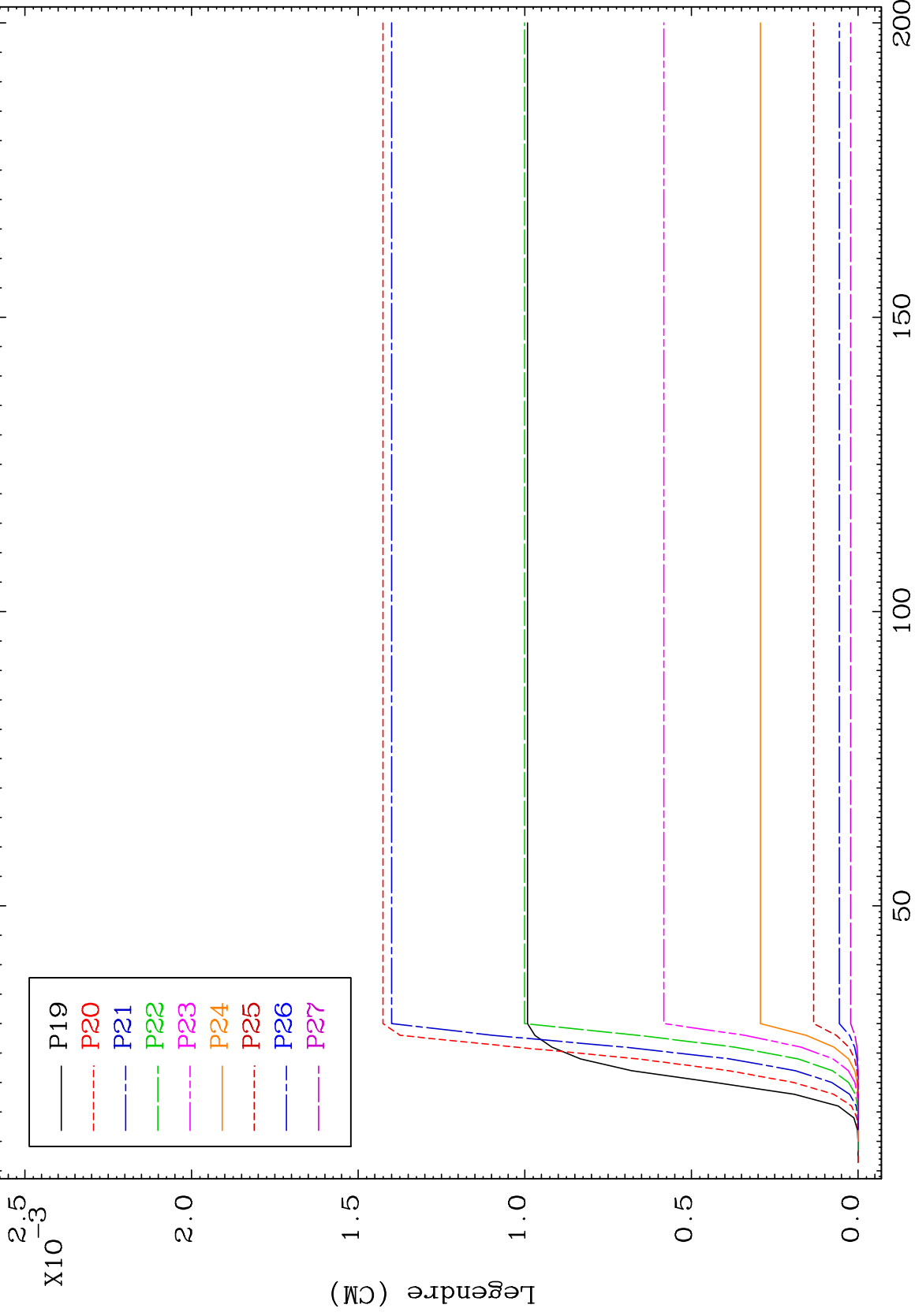


51

Incident Energy (MeV)

66-Dy-168

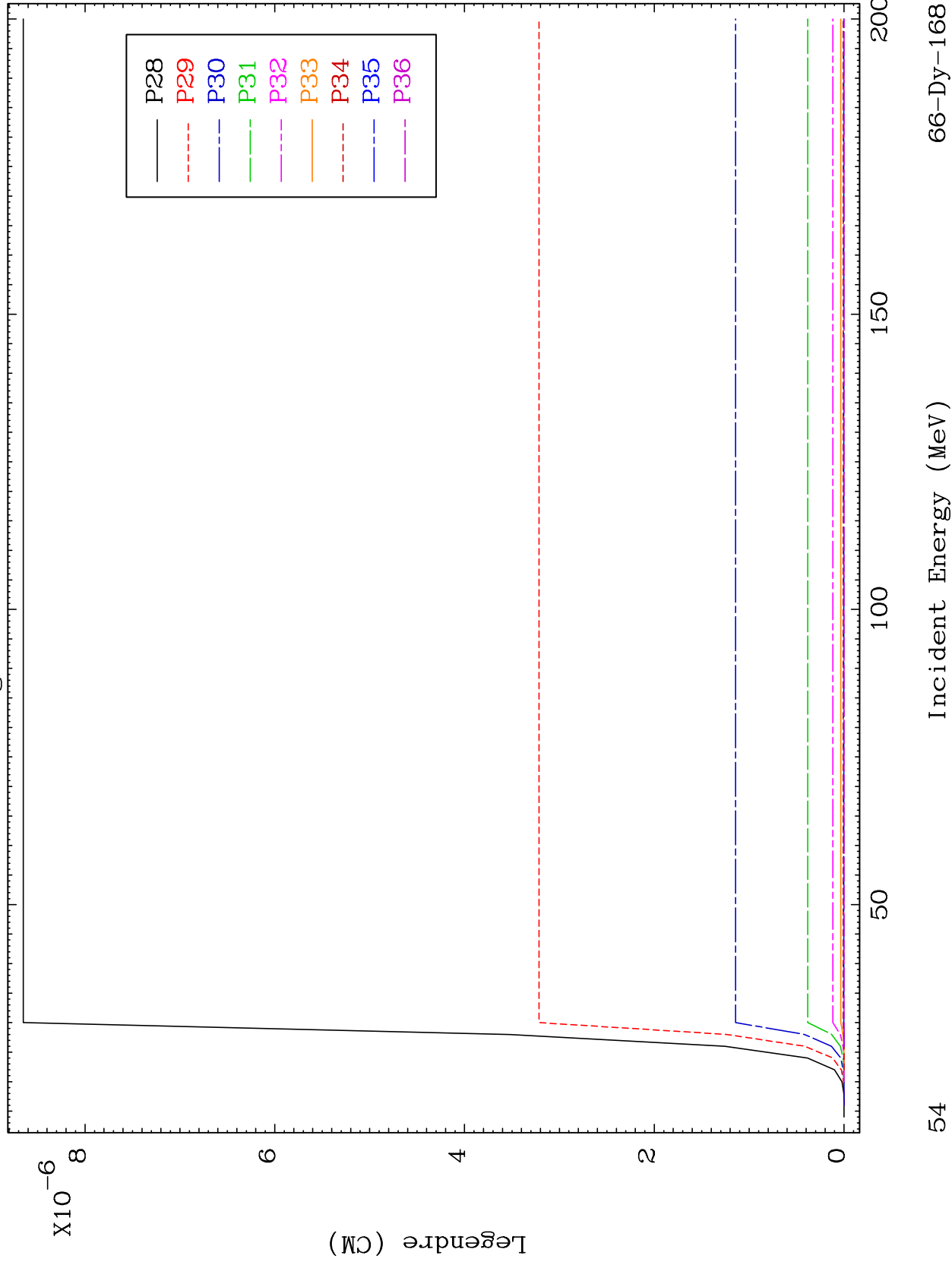




MAT 6661

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

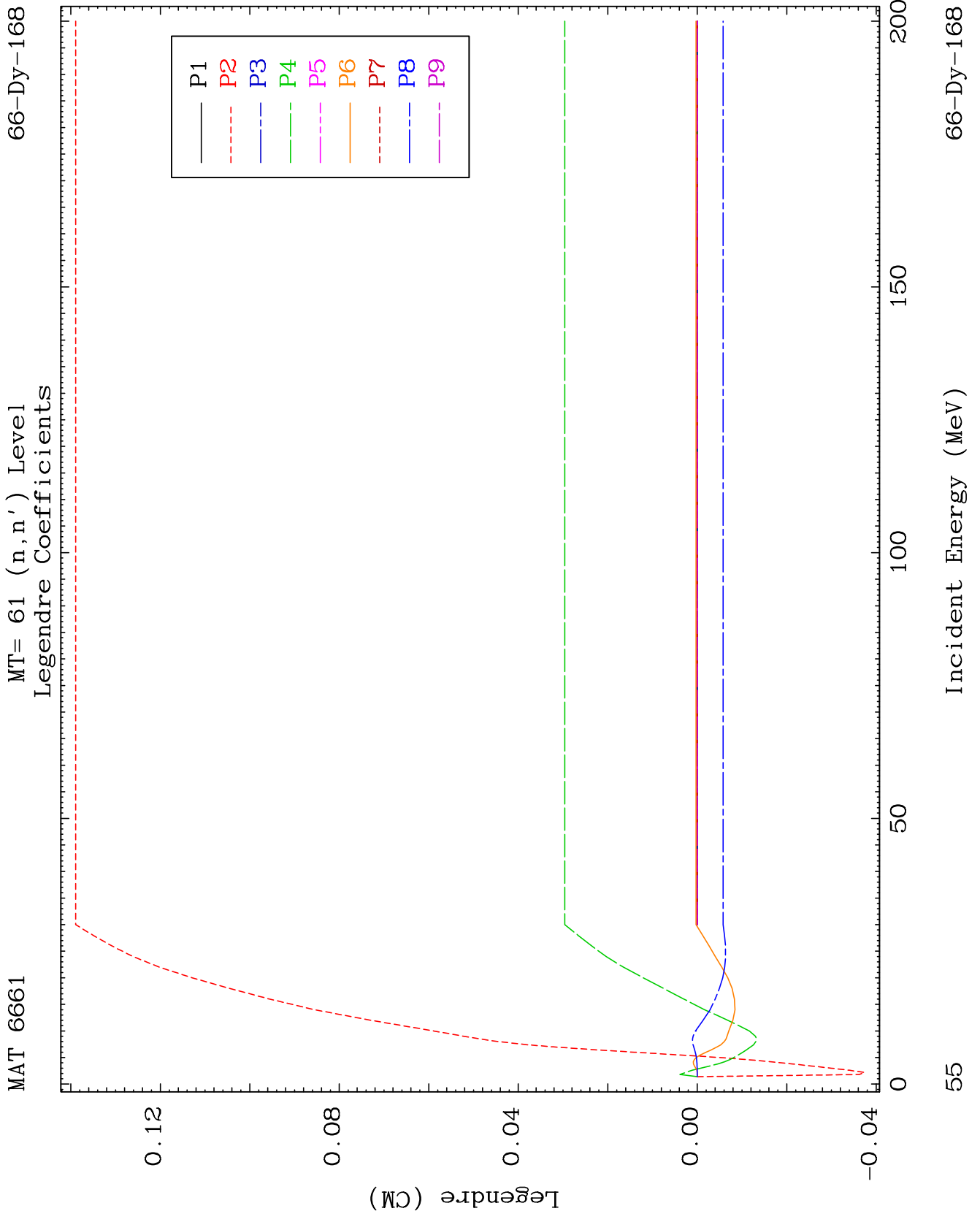
66-Dy-168



54

Incident Energy (MeV)

66-Dy-168

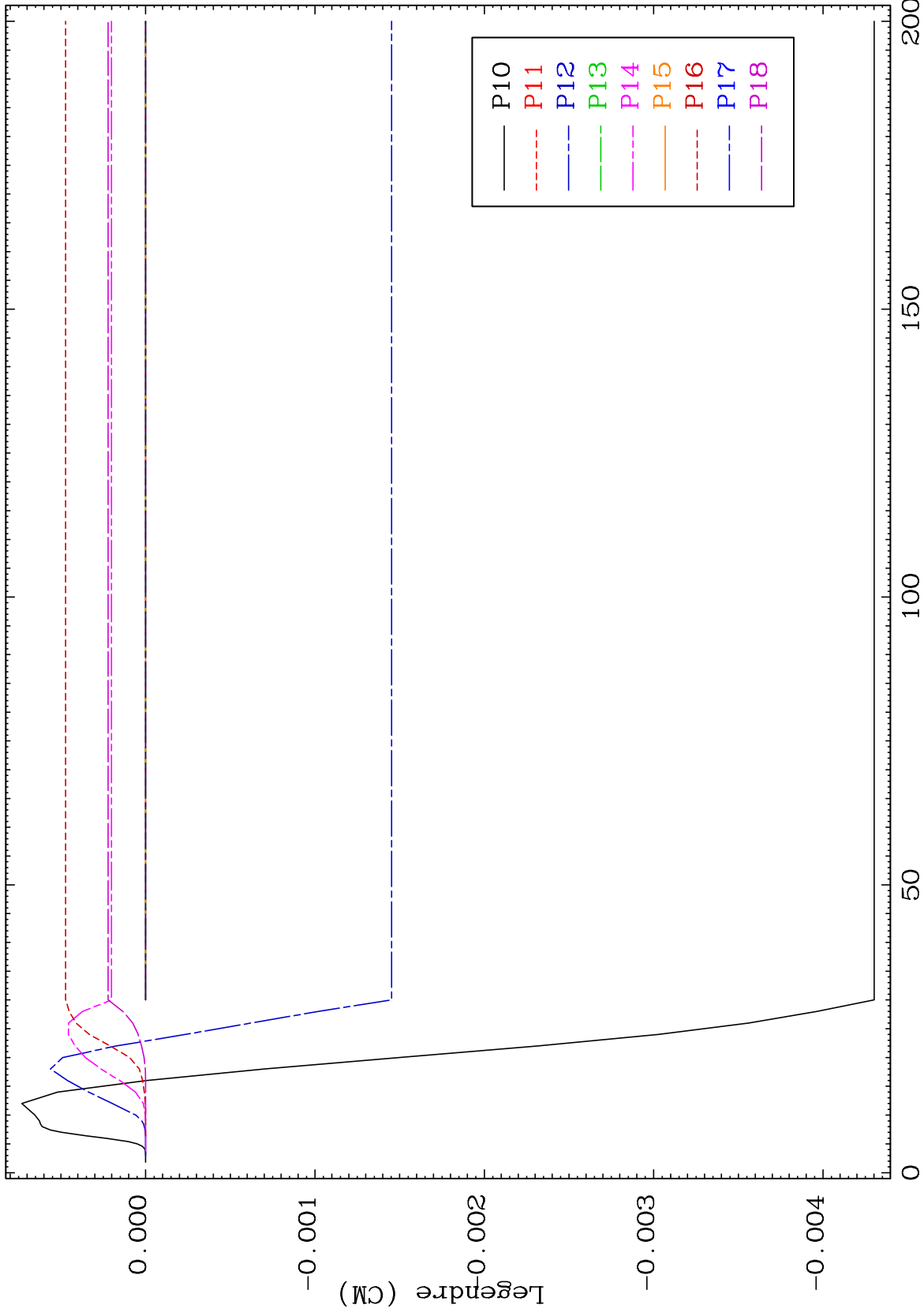




MAT 6661

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

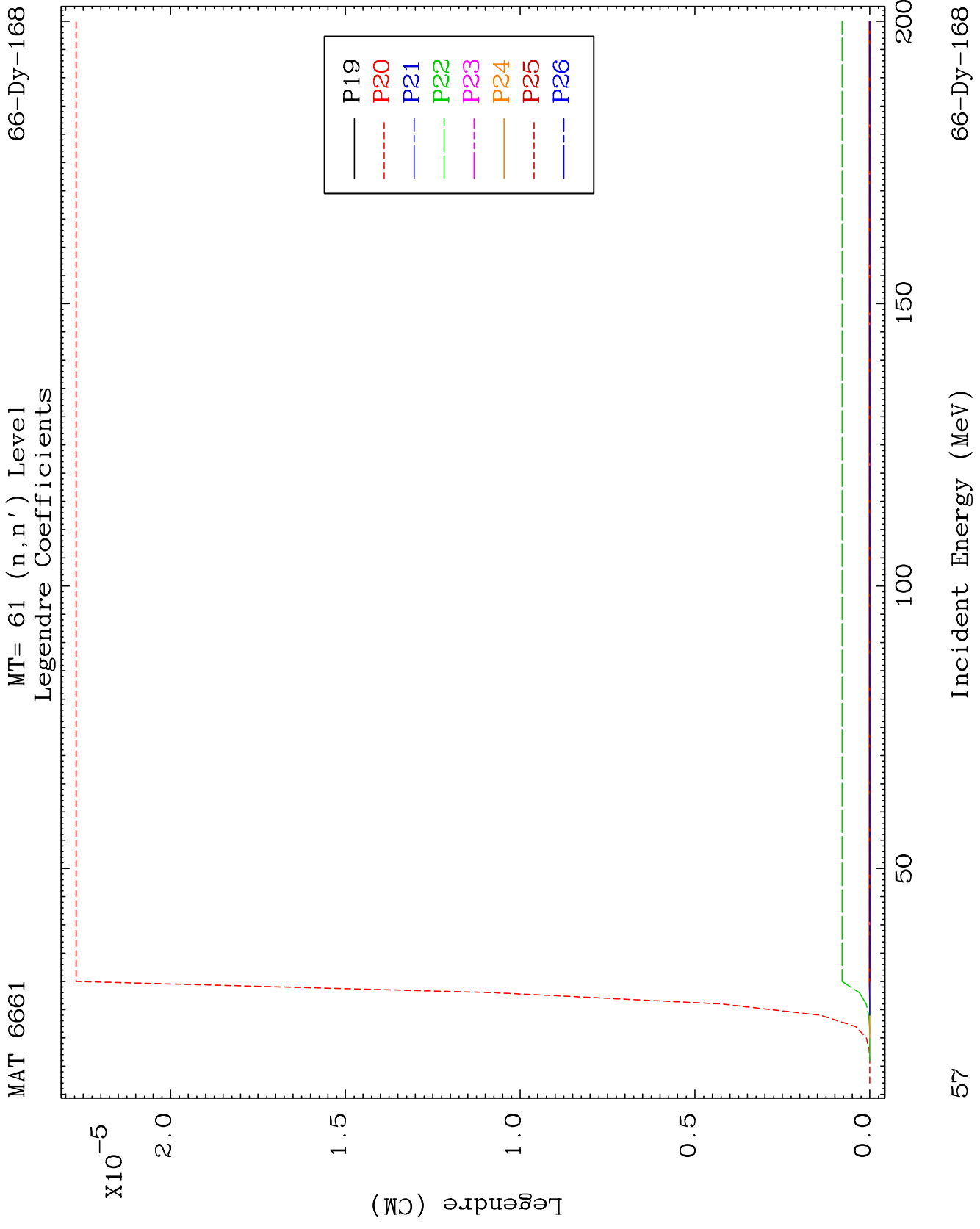
66-Dy-168



56

Incident Energy (MeV)

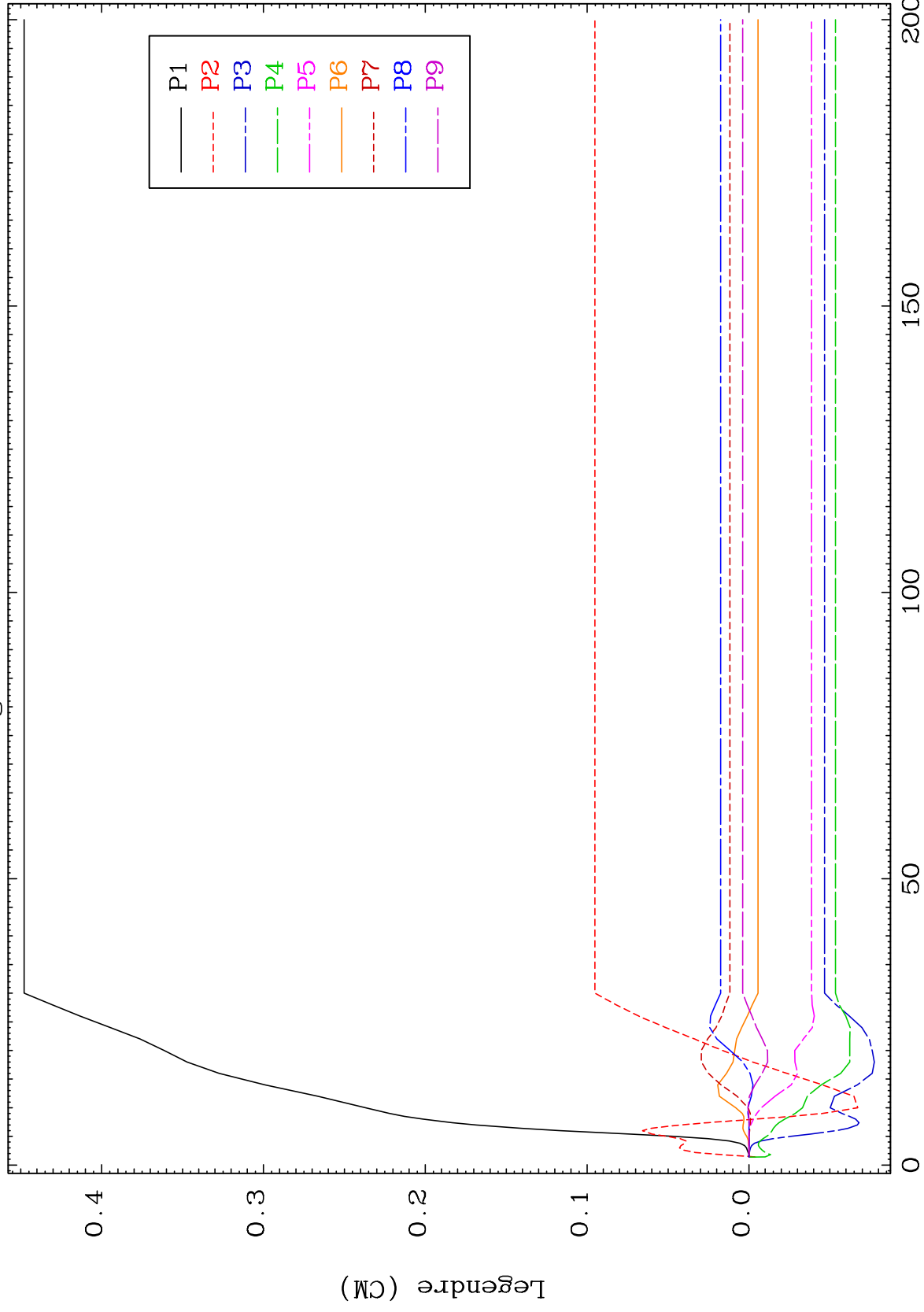
66-Dy-168



MAT 6661

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

66-Dy-168



58

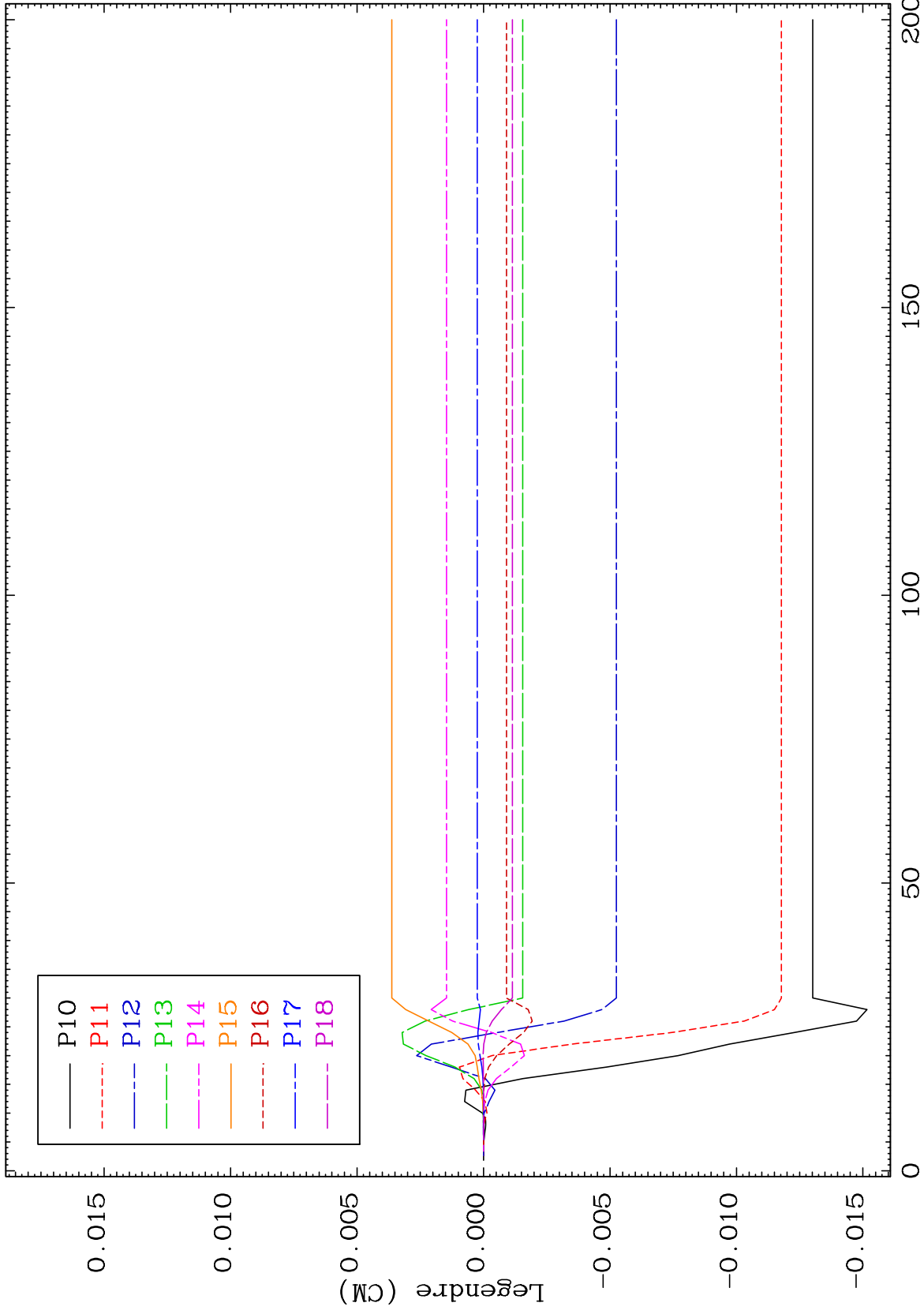
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

66-Dy-168



59

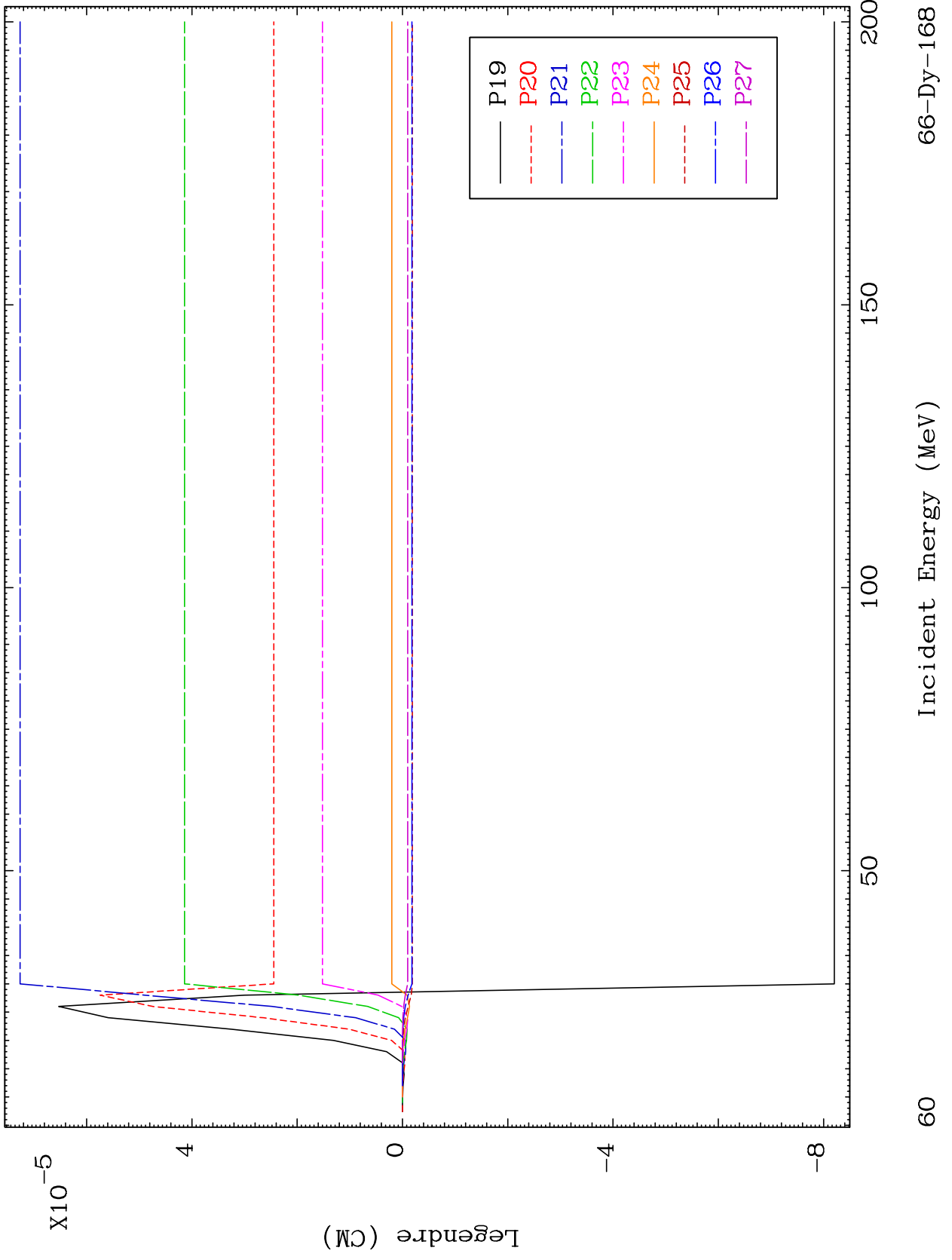
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

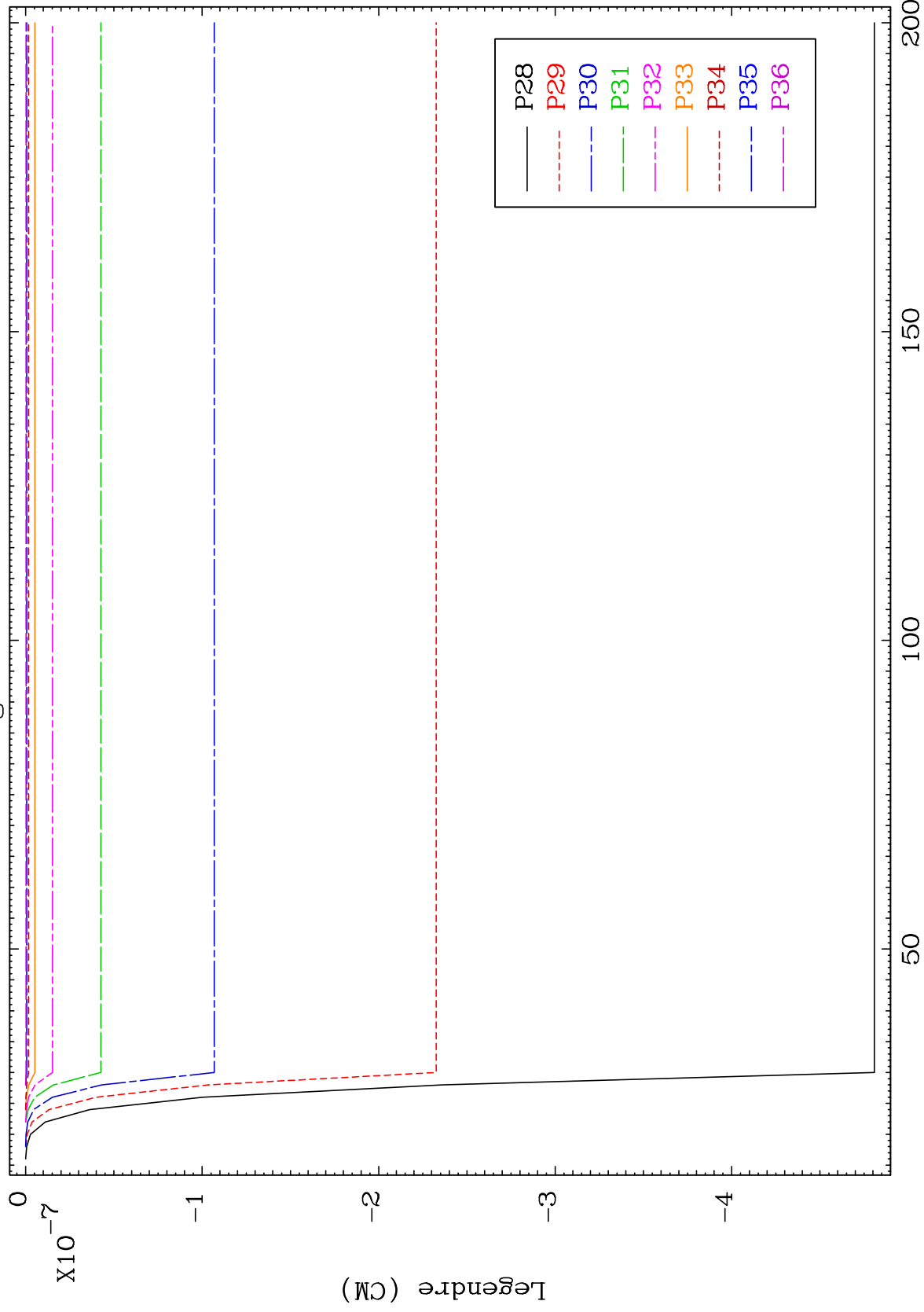
66-Dy-168



MAT 6661

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

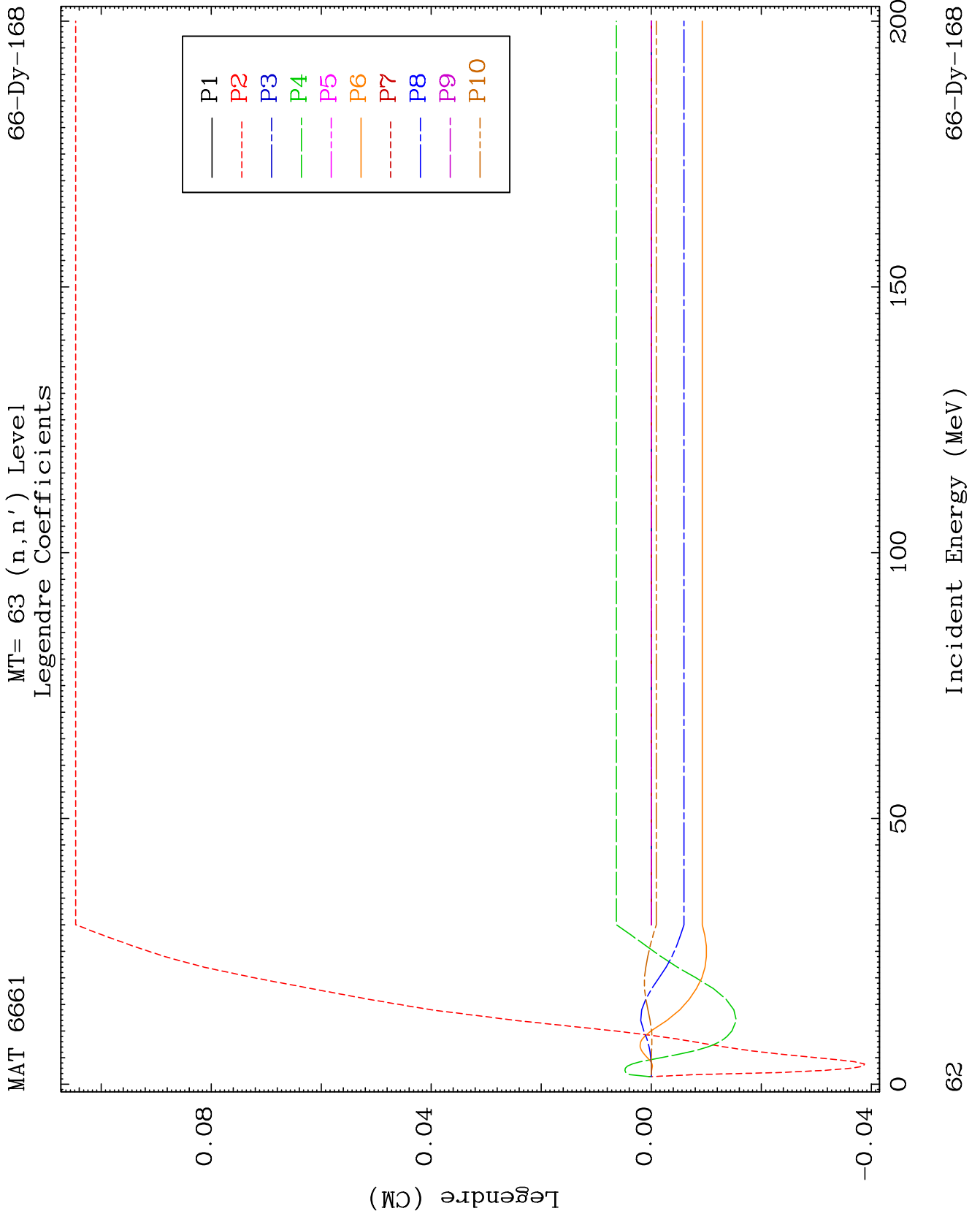
66-Dy-168



61

Incident Energy (MeV)

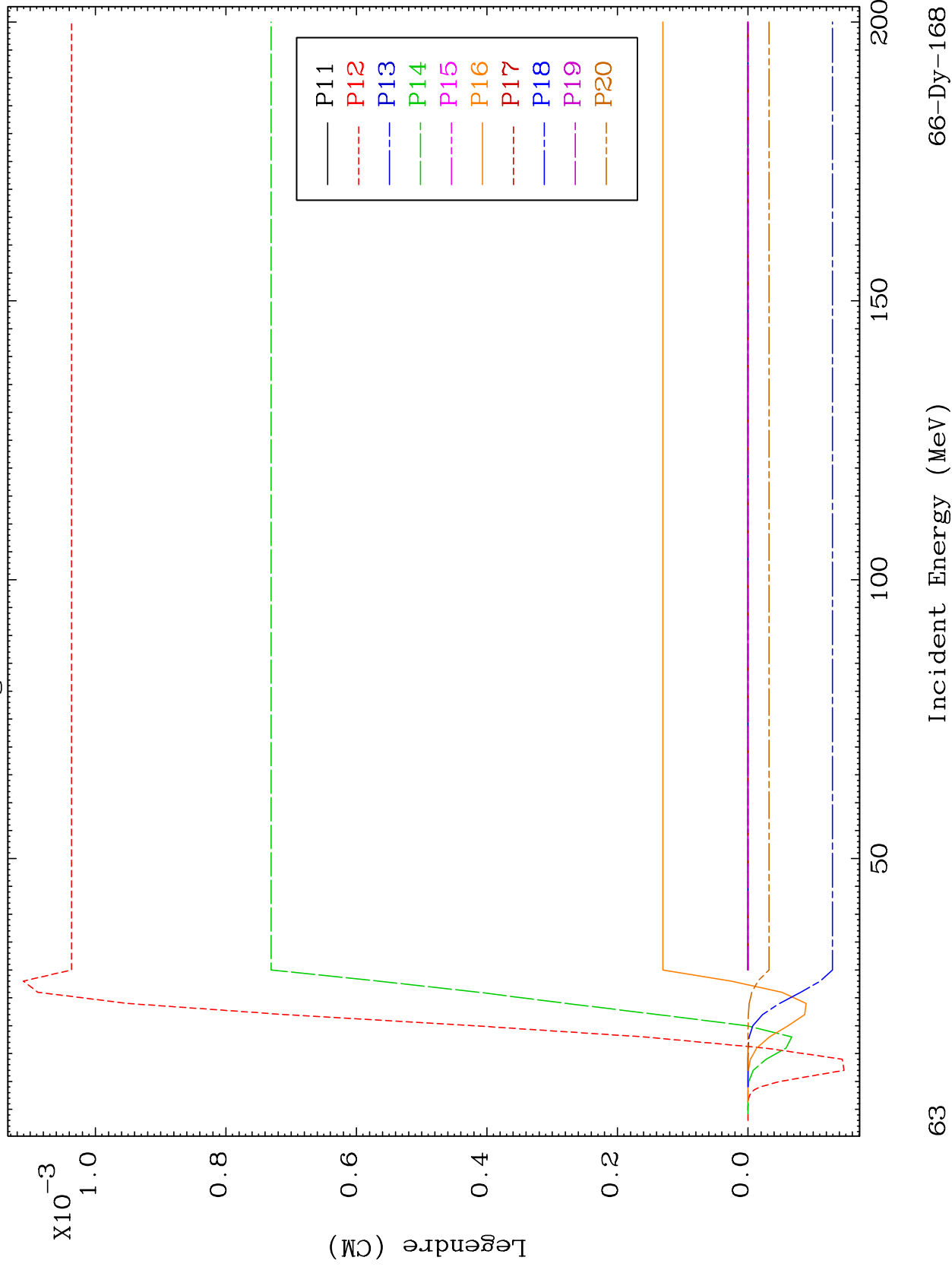
66-Dy-168



MAT 6661

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

66-Dy-168

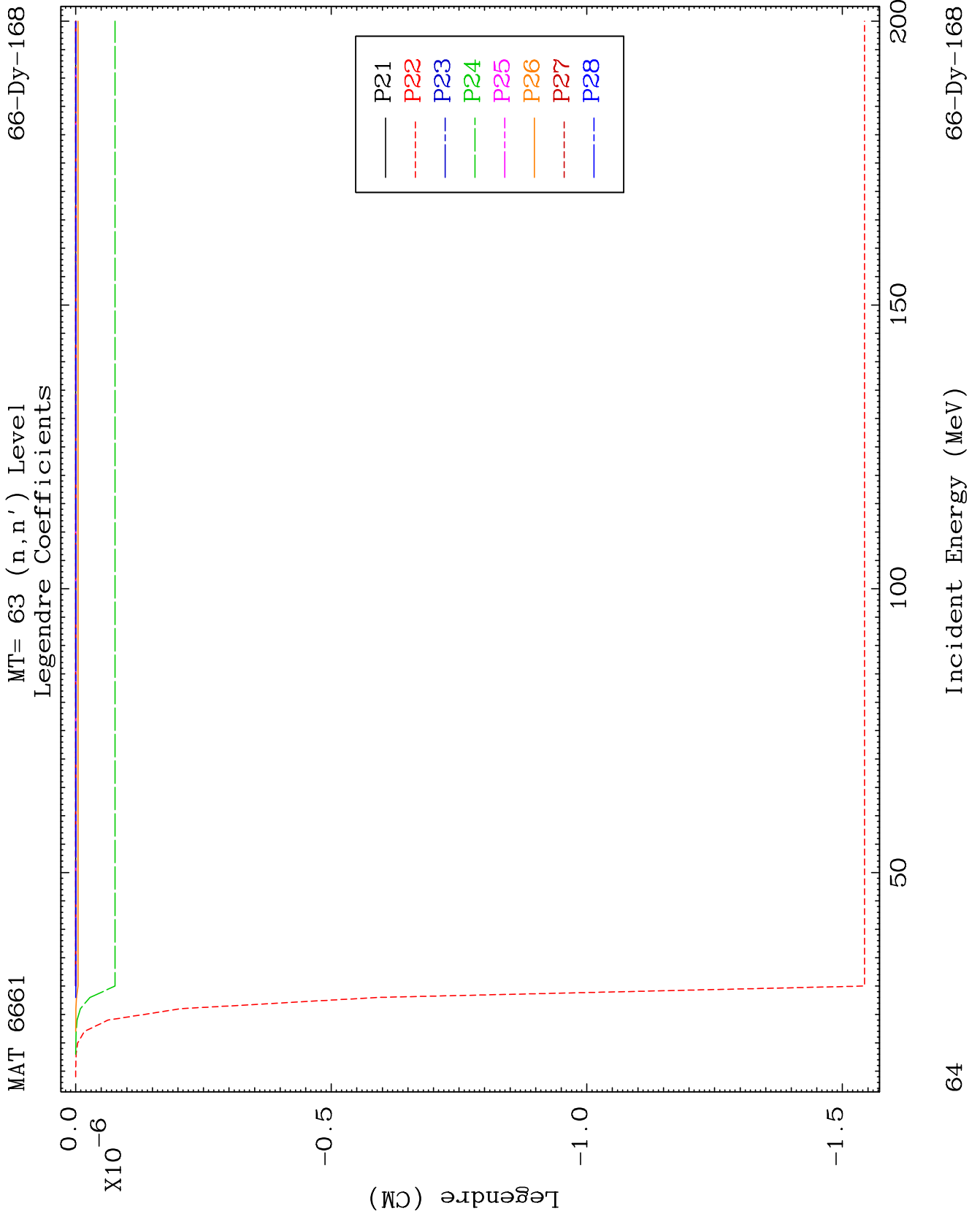


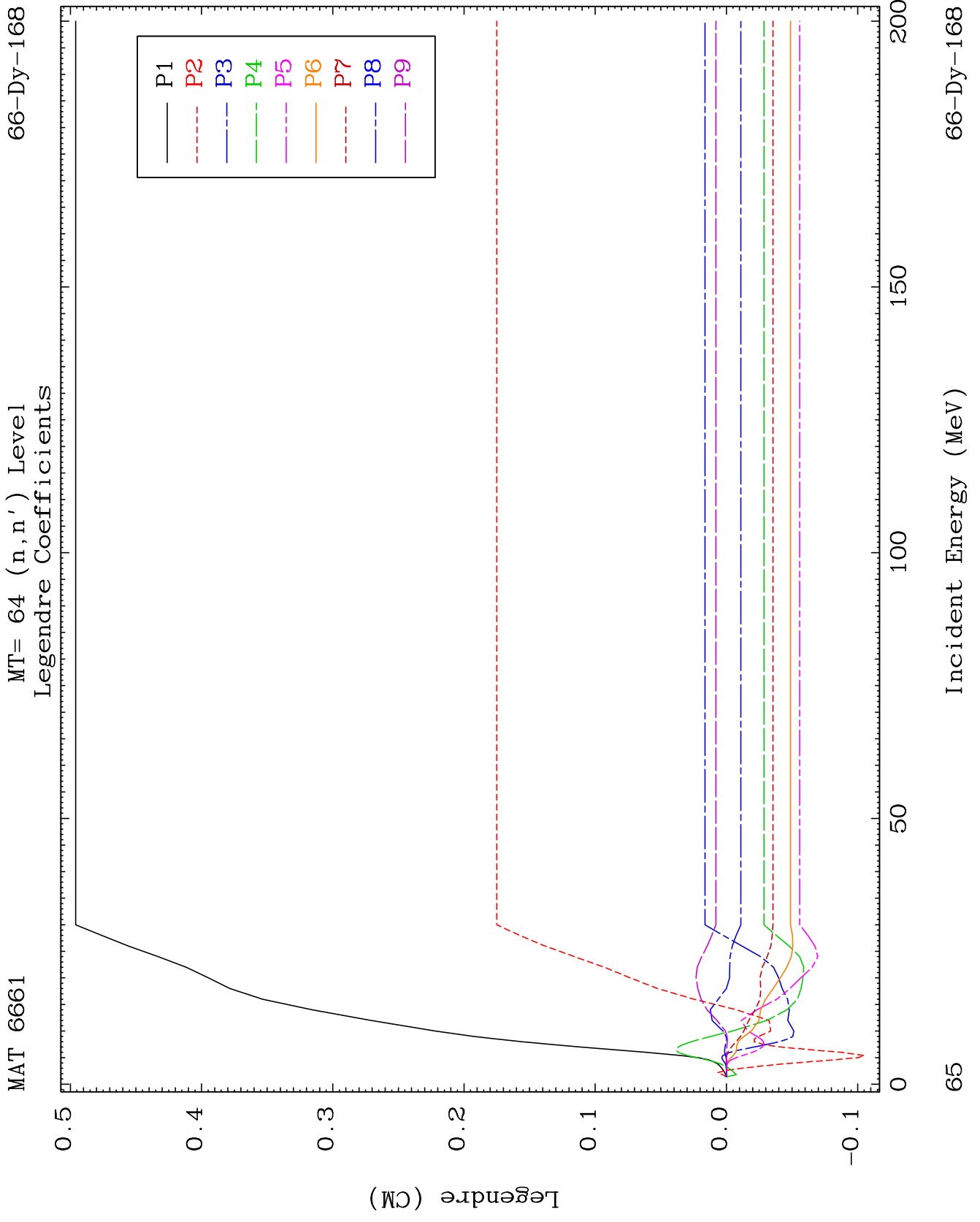
63

Incident Energy (MeV)

66-Dy-168



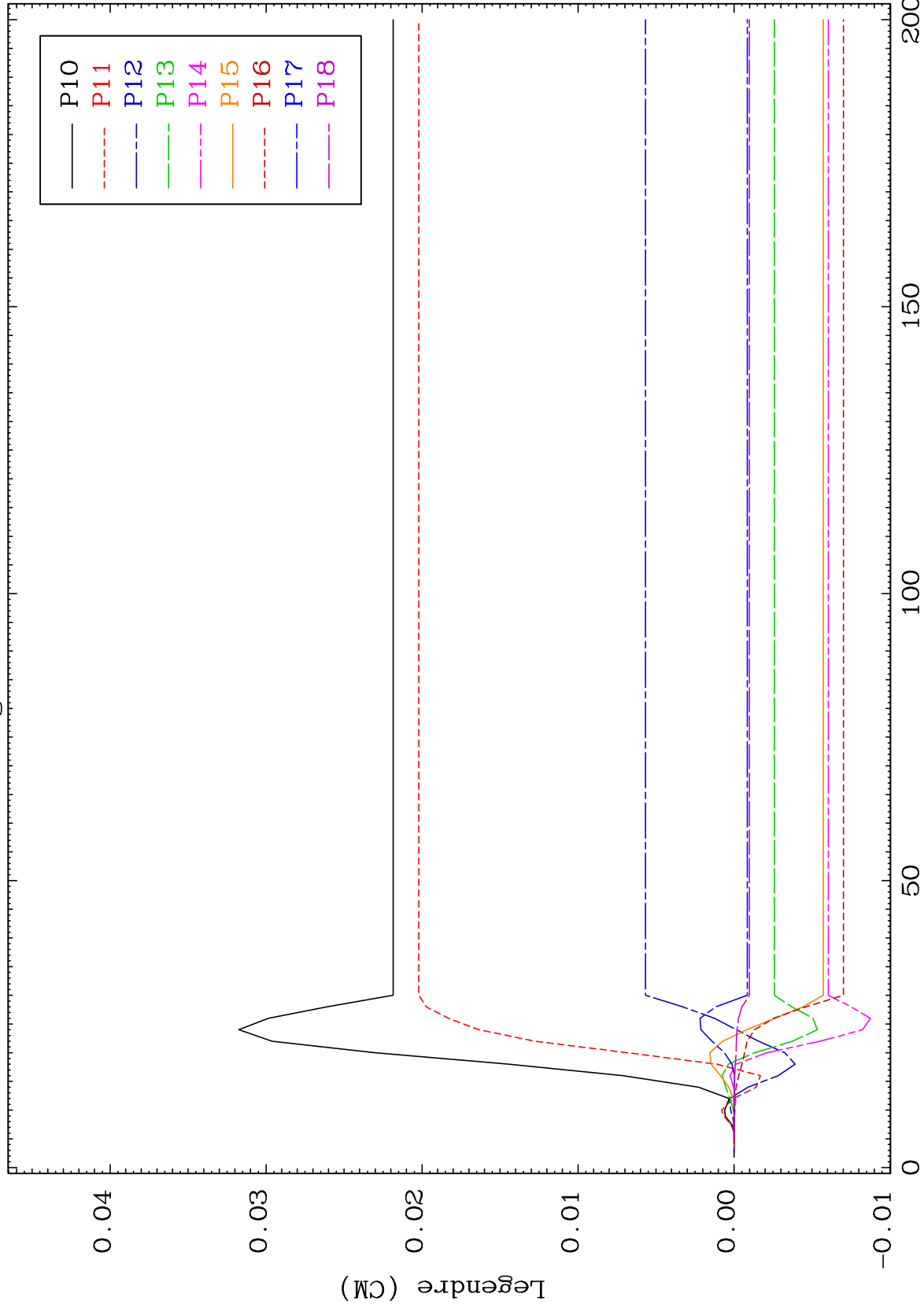




MAT 6661

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

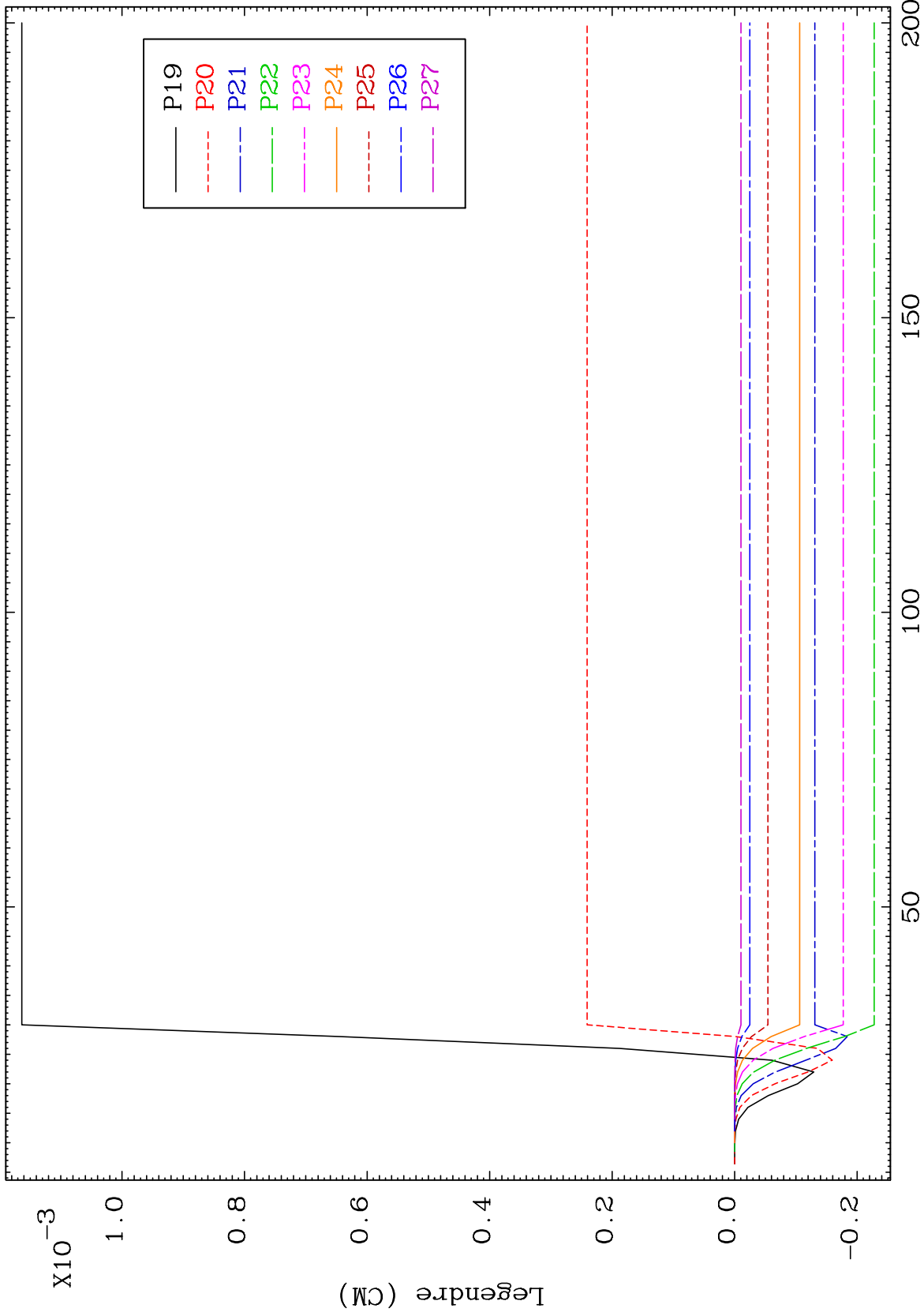
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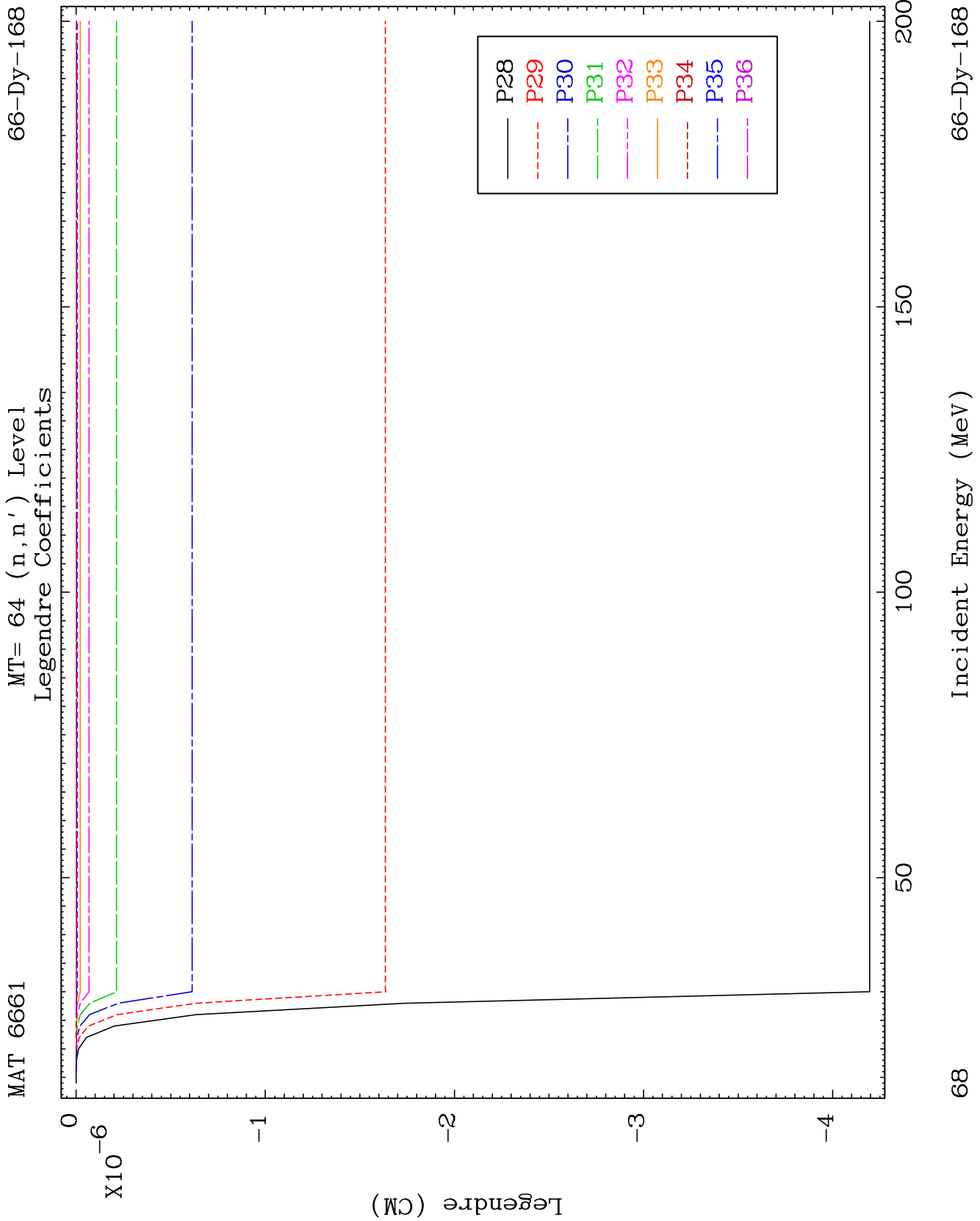


66

Incident Energy (MeV)

66-Dy-168

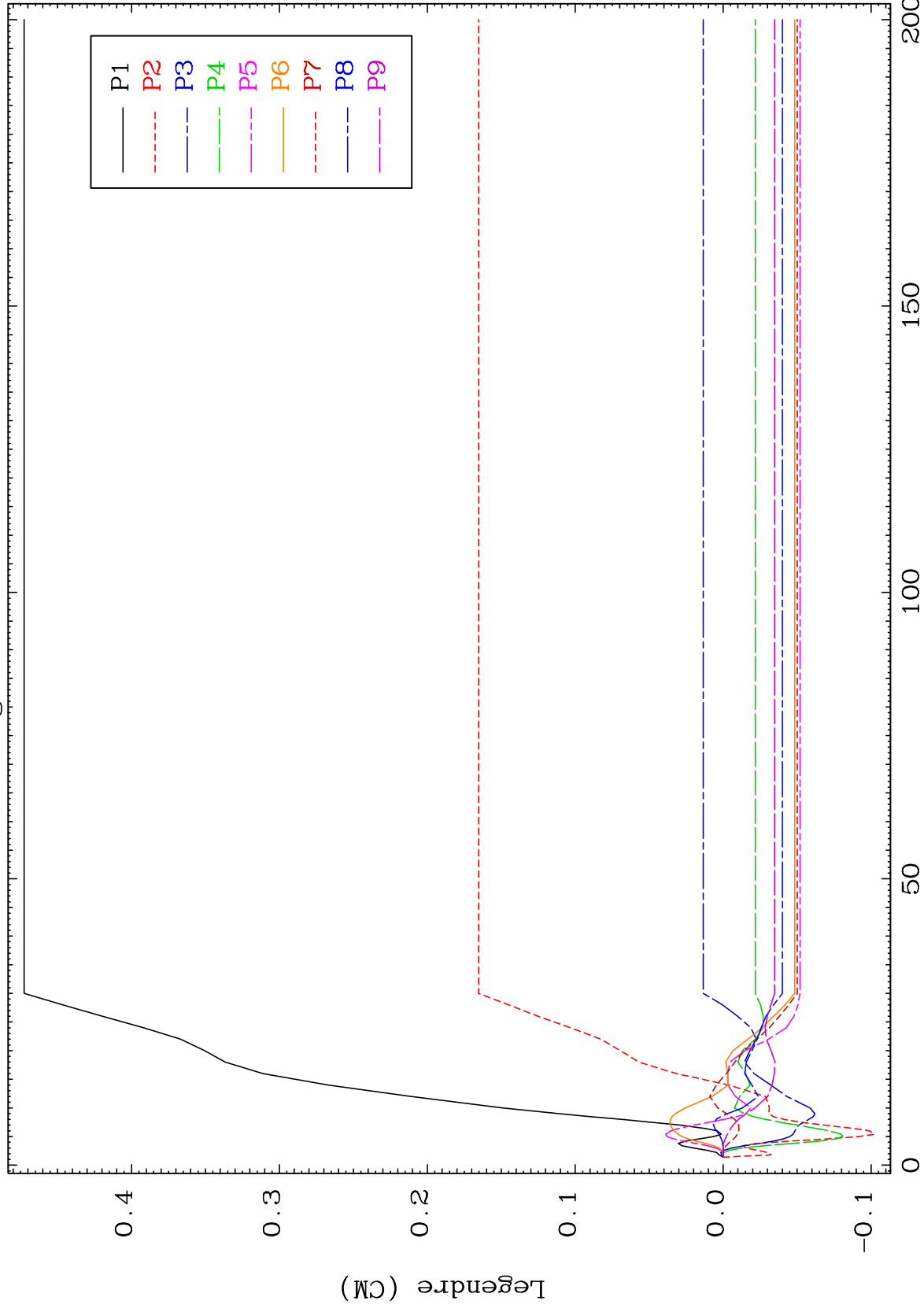




MAT 6661

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

66-Dy-168



69

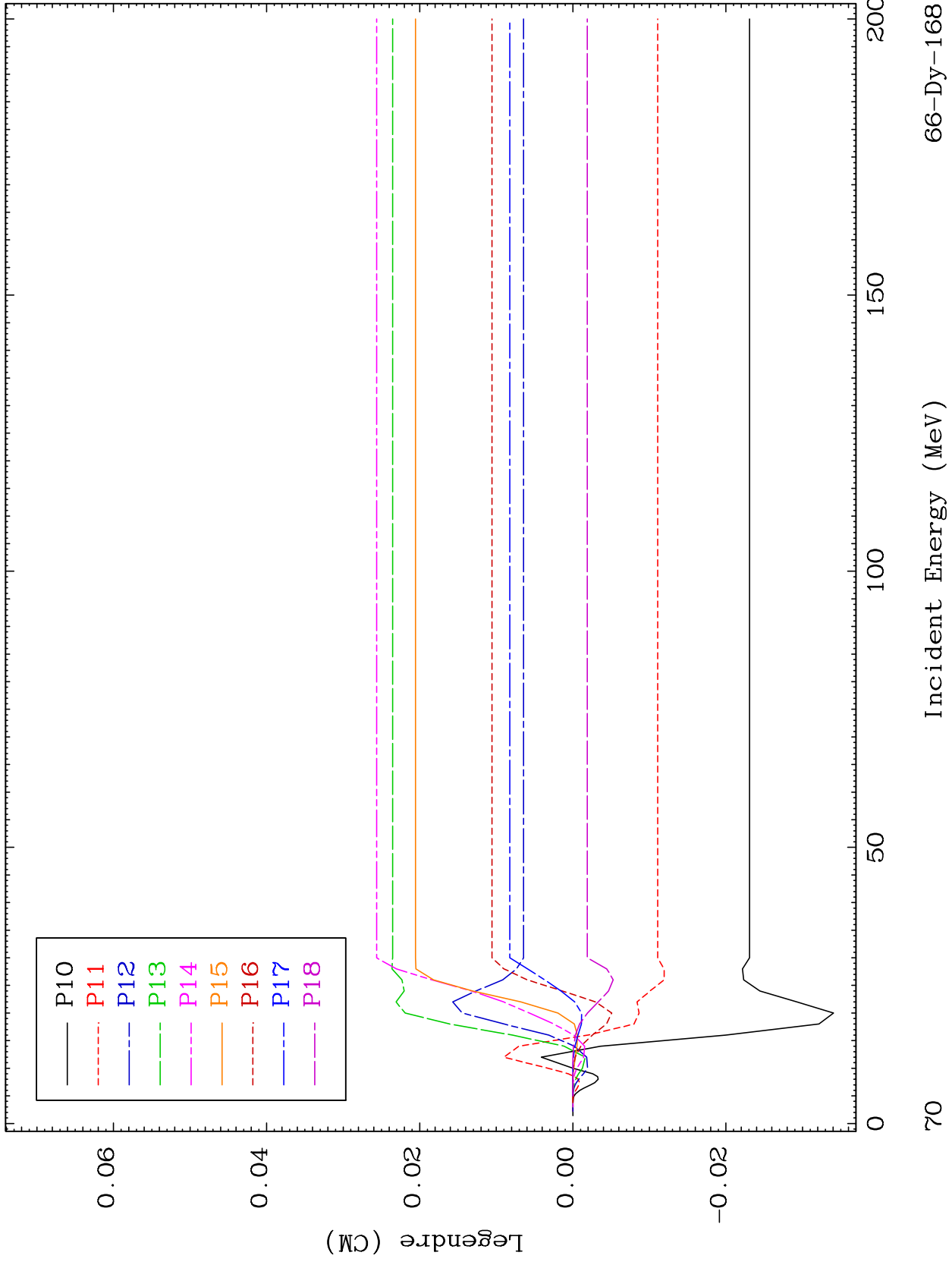
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

66-Dy-168



66-Dy-168

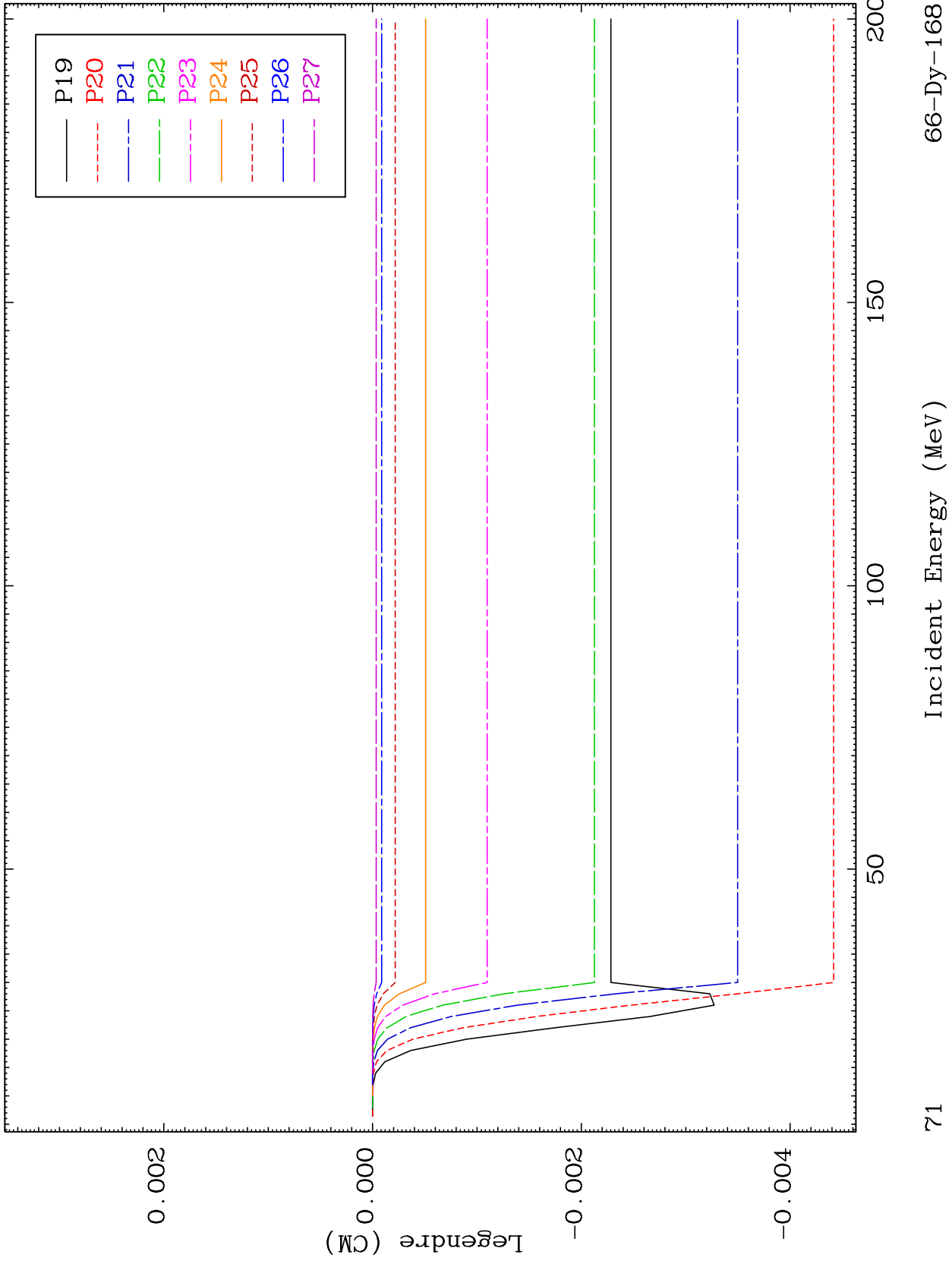
Incident Energy (MeV)

70

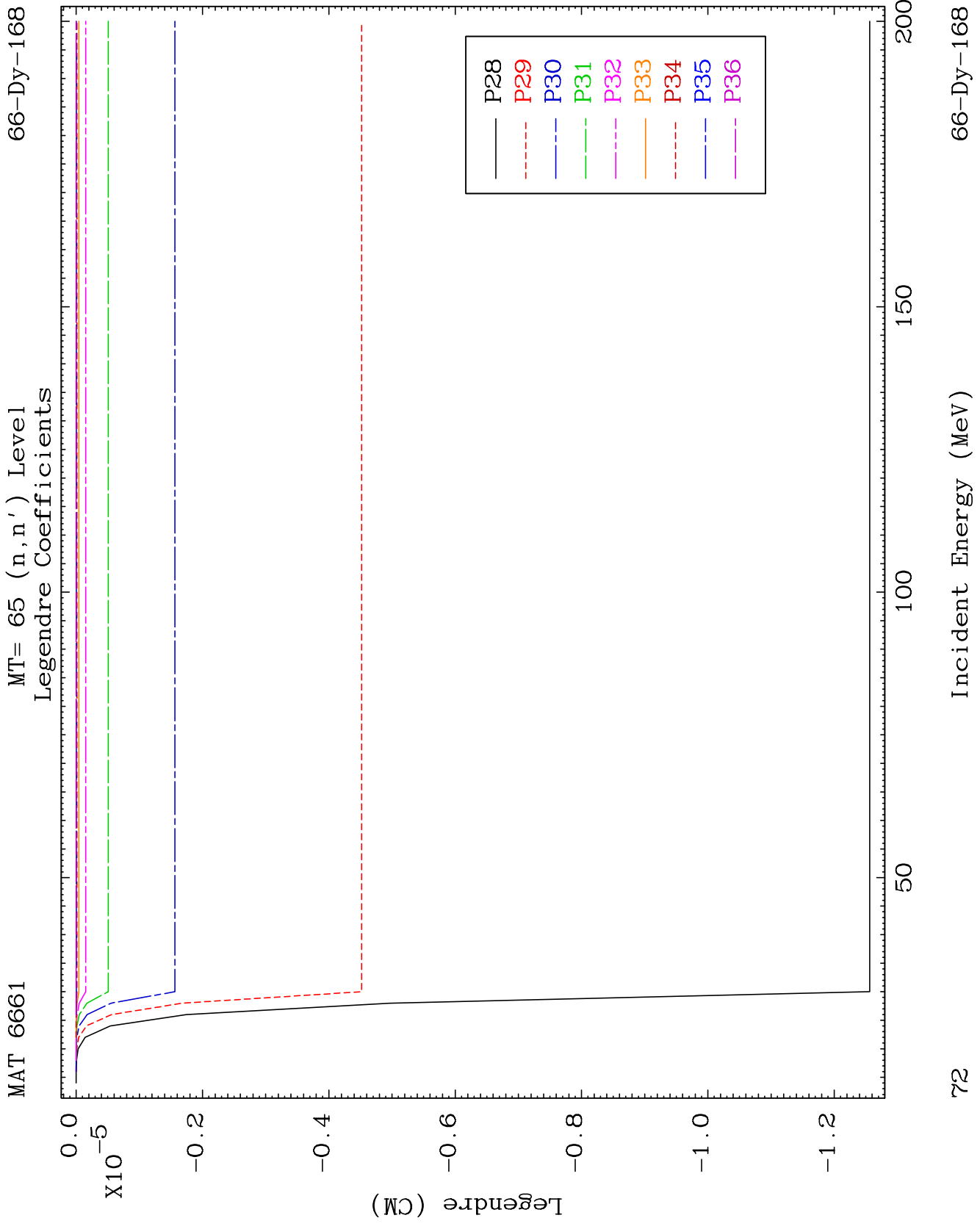
MAT 6661

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

66-Dy-168



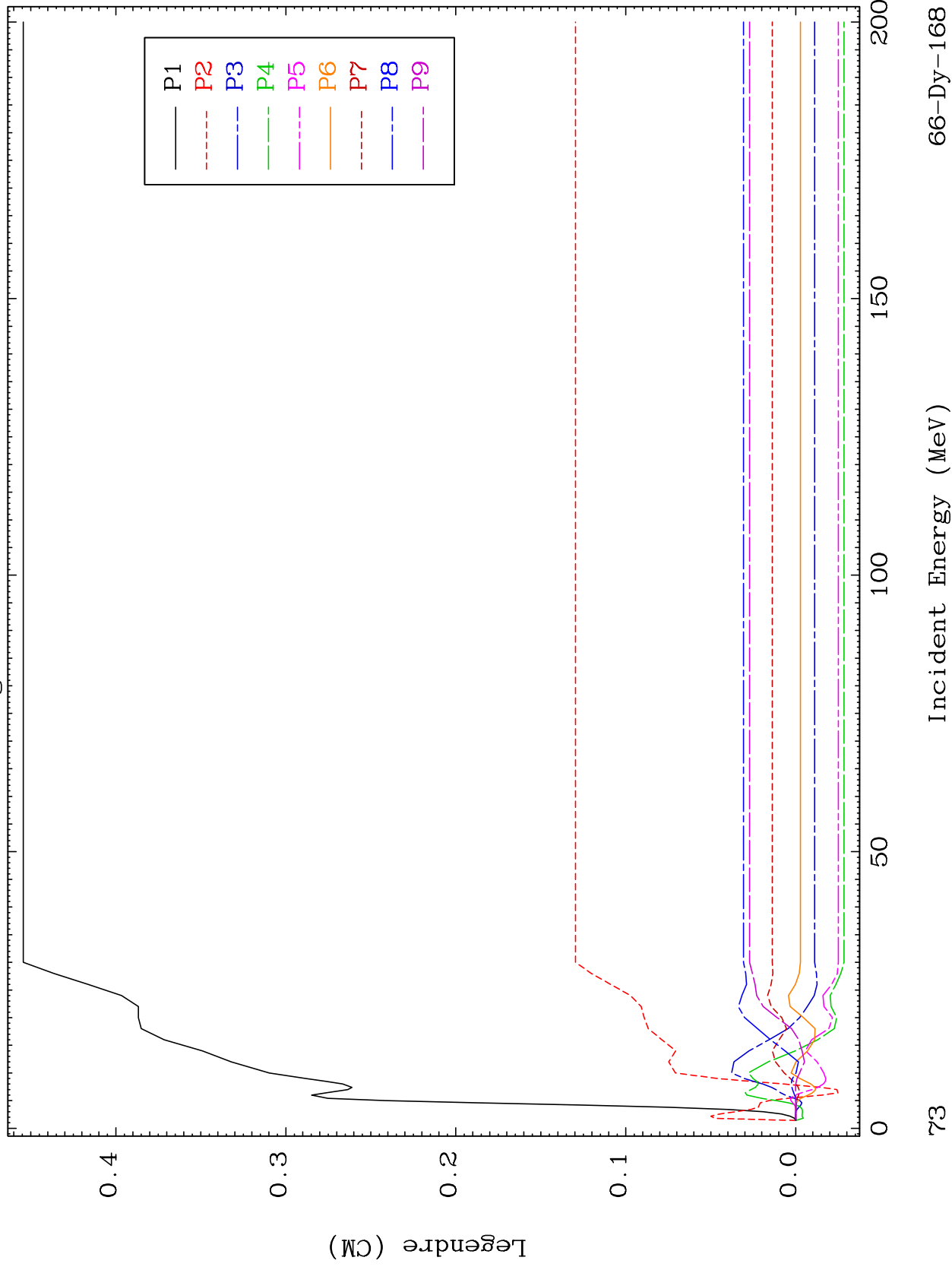




MAT 6661

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

66-Dy-168



73

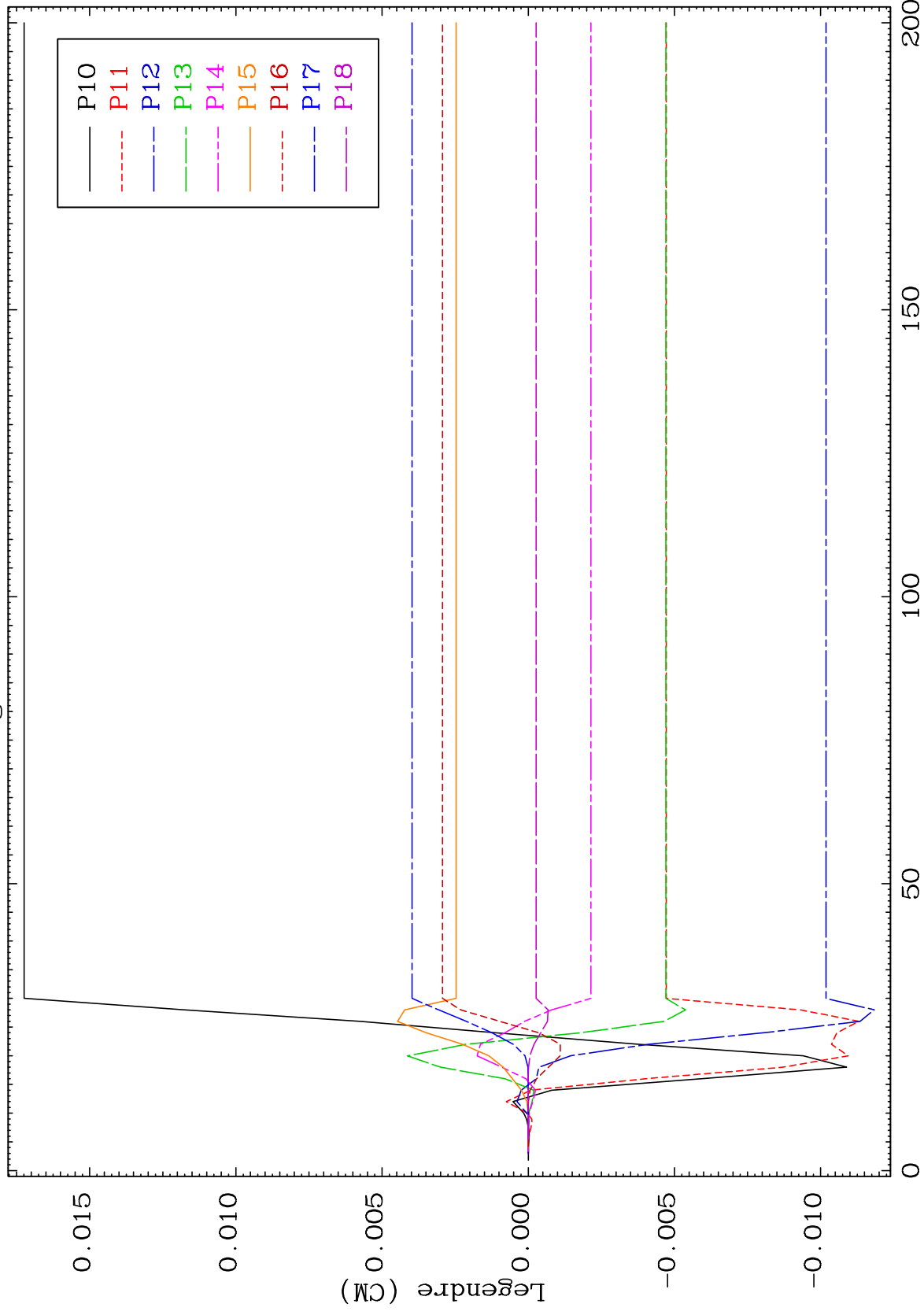
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

66-Dy-168



74

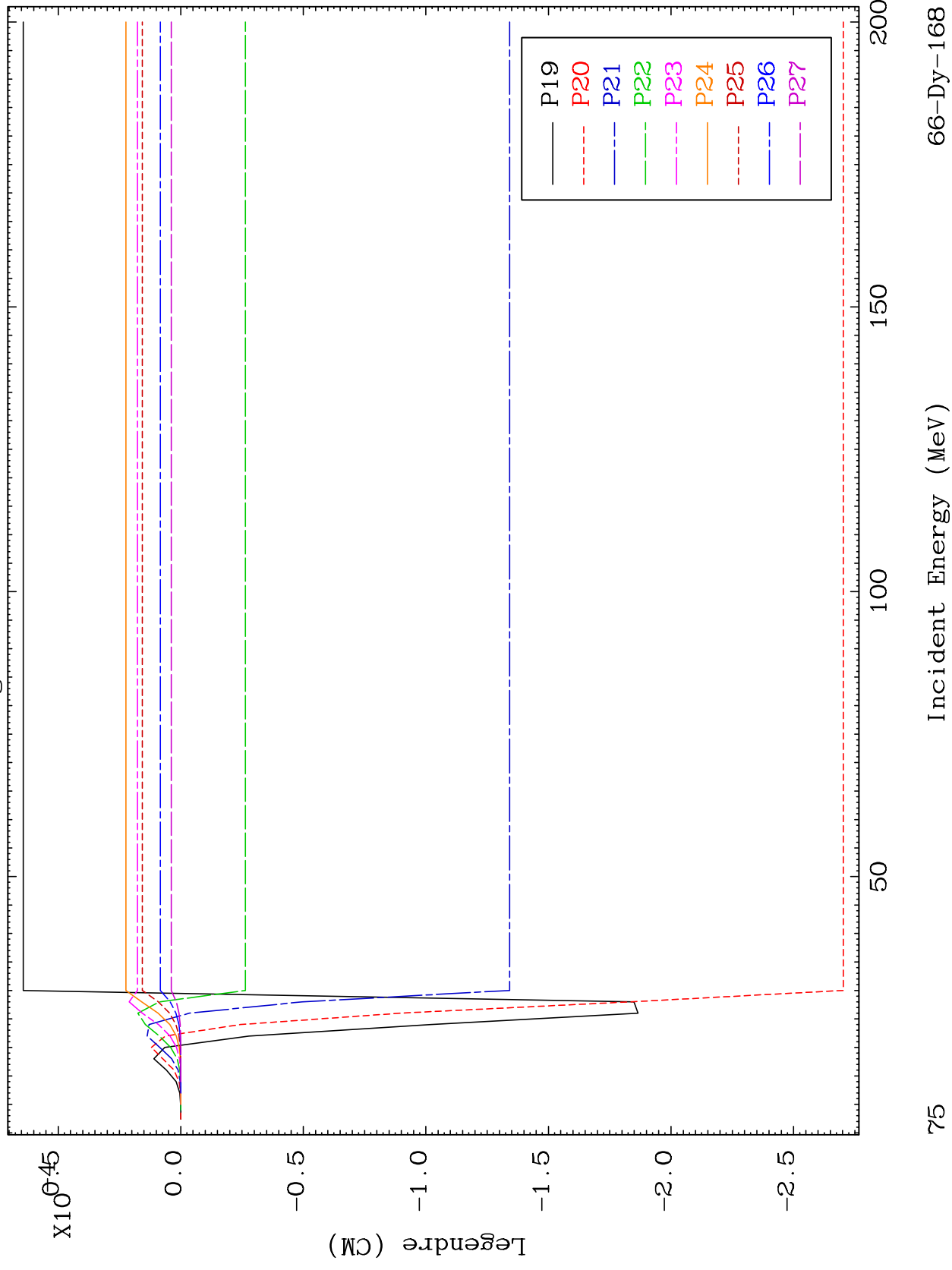
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

66-Dy-168



75

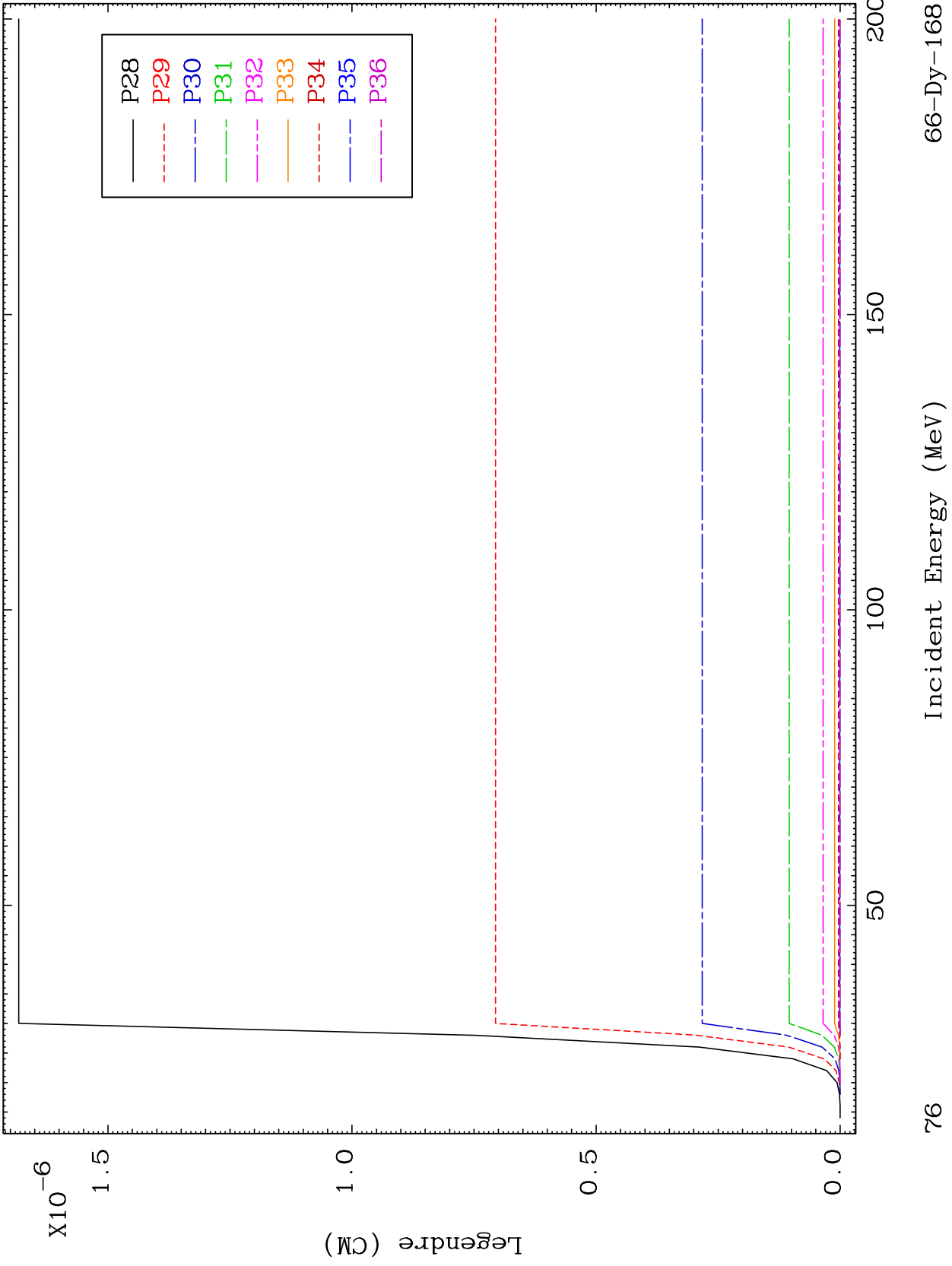
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

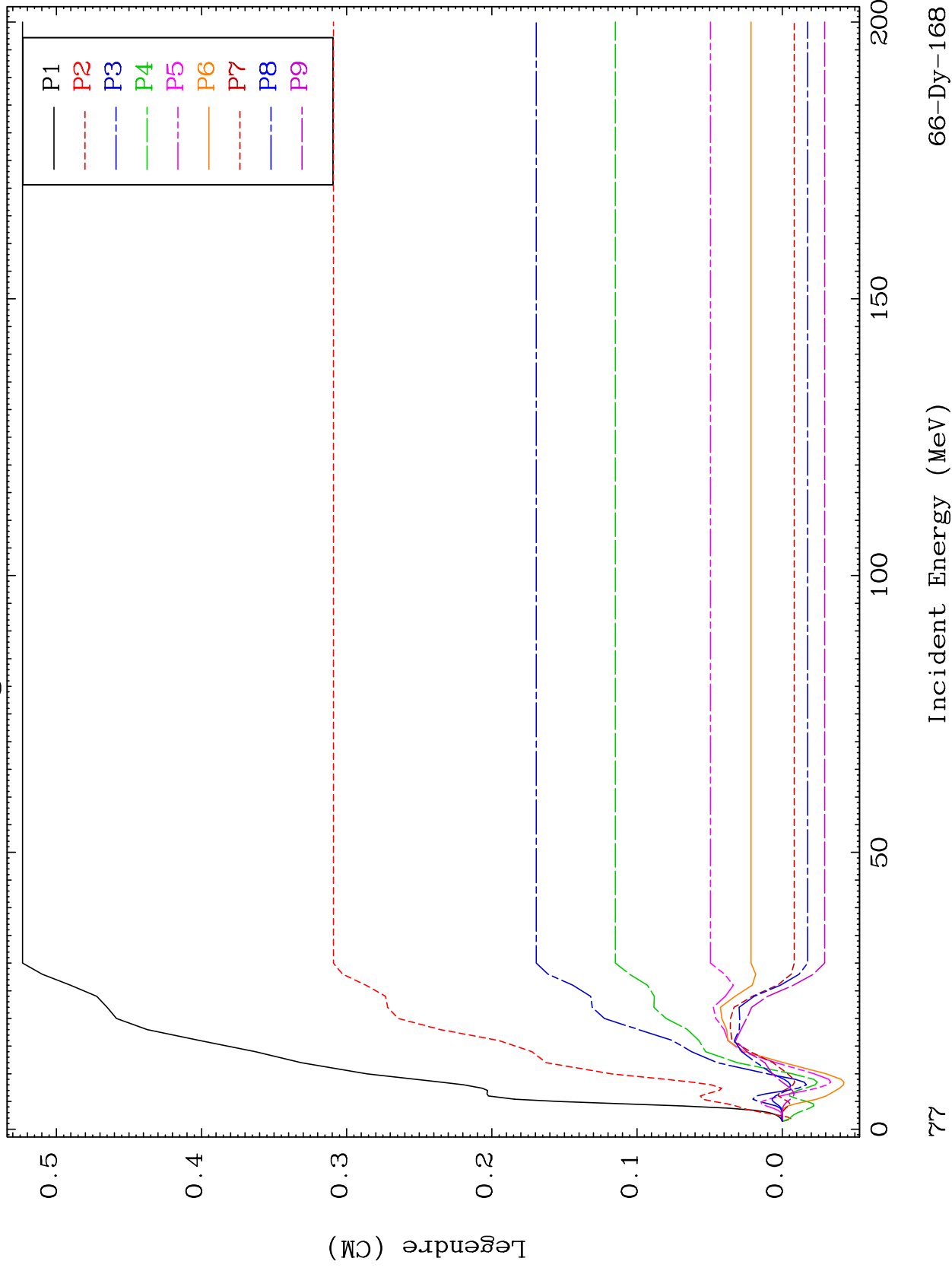
66-Dy-168



MAT 6661

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

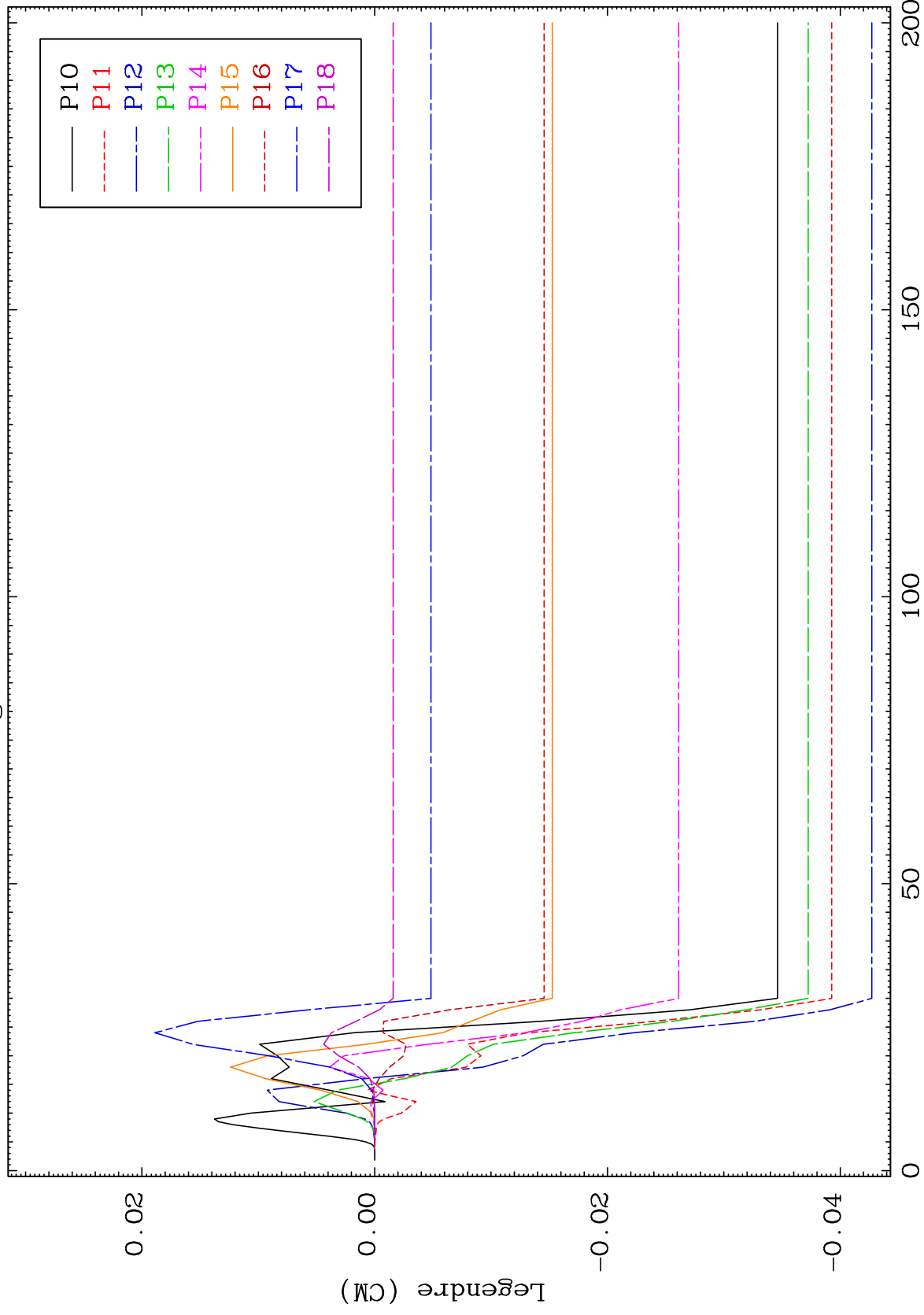
66-Dy-168



MAT 6661

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

66-Dy-168



78

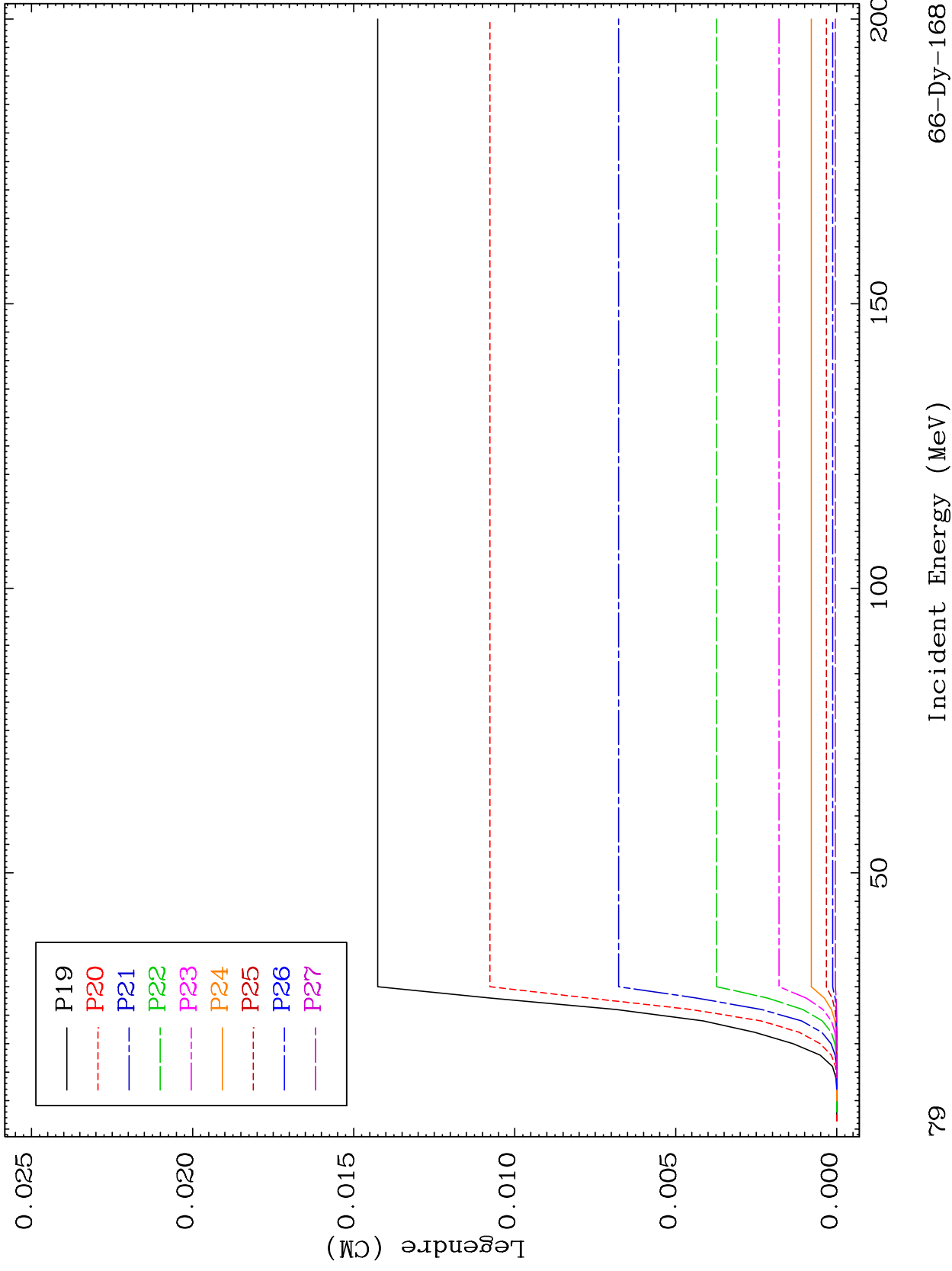
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

66-Dy-168



79

Incident Energy (MeV)

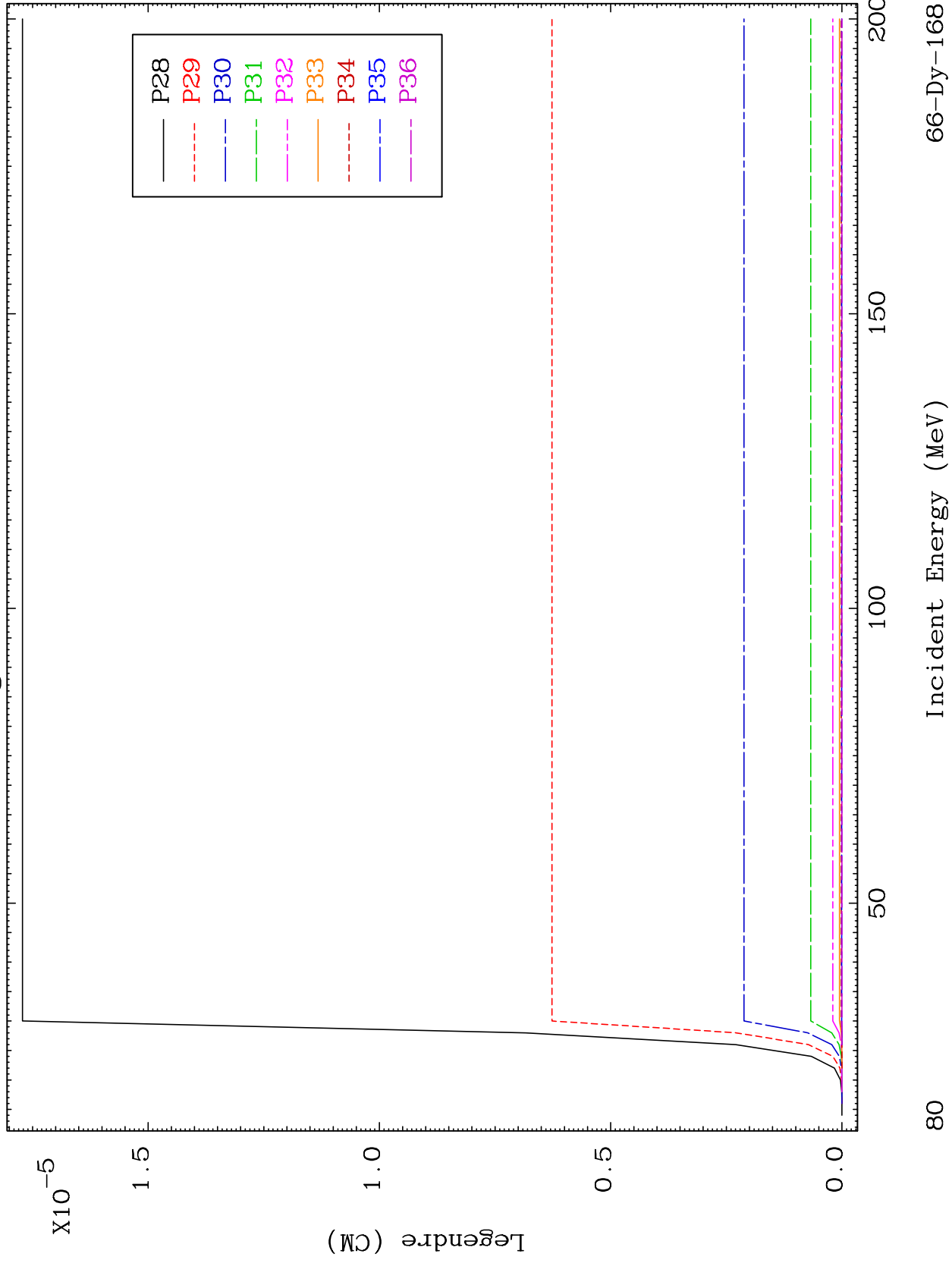
66-Dy-168



MAT 6661

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

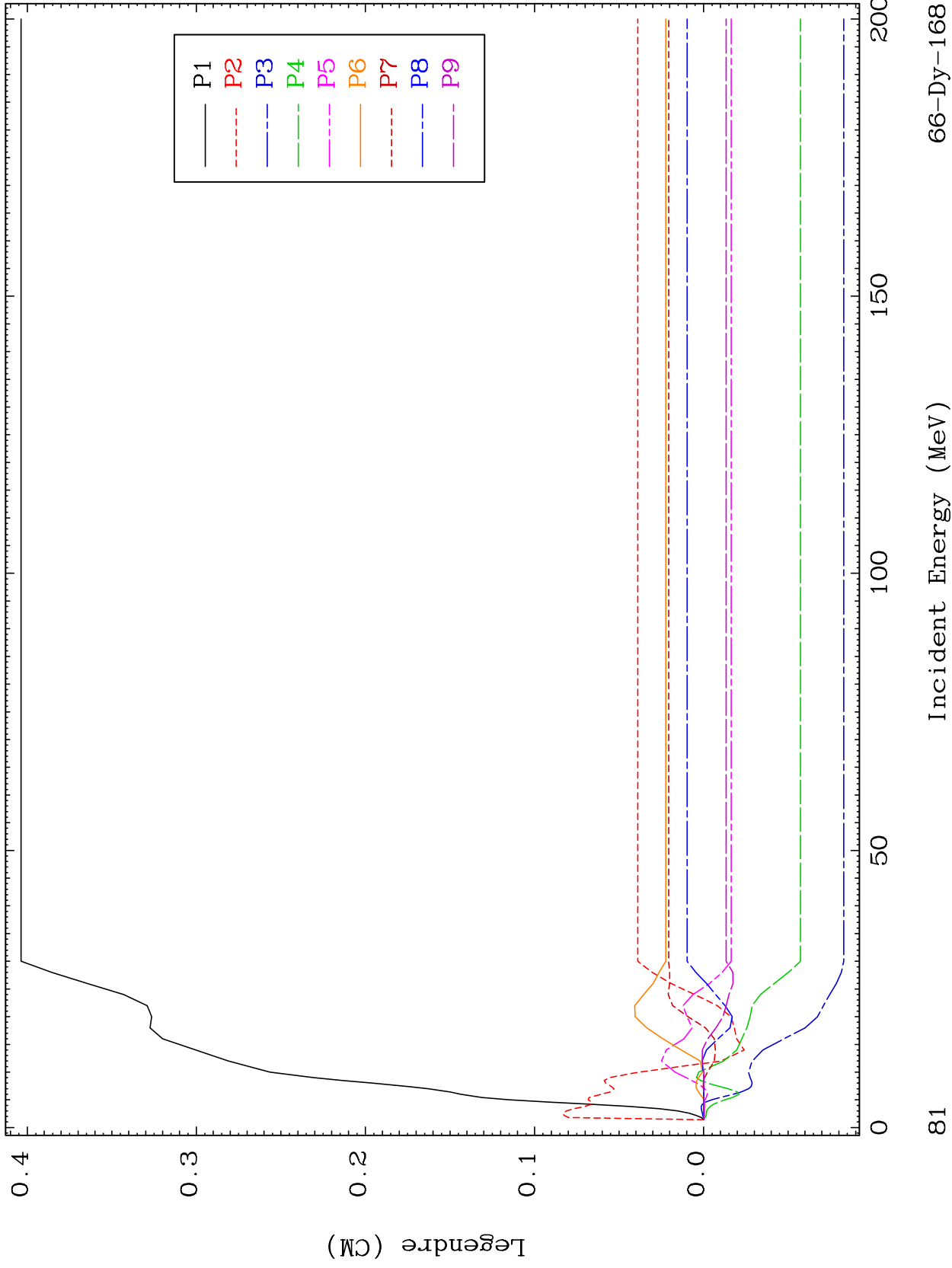
66-Dy-168



MAT 6661

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

66-Dy-168



81

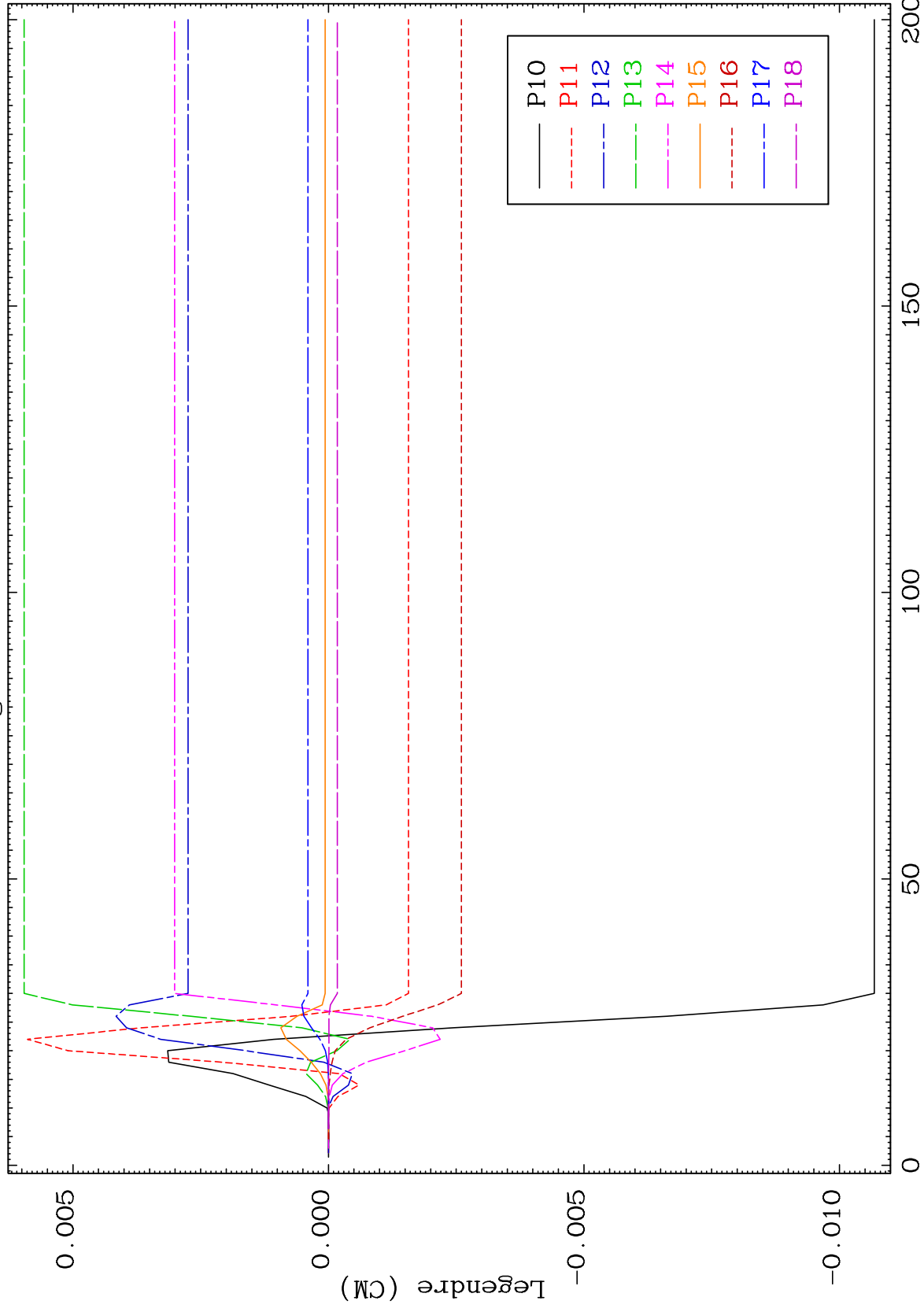
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

66-Dy-168



82

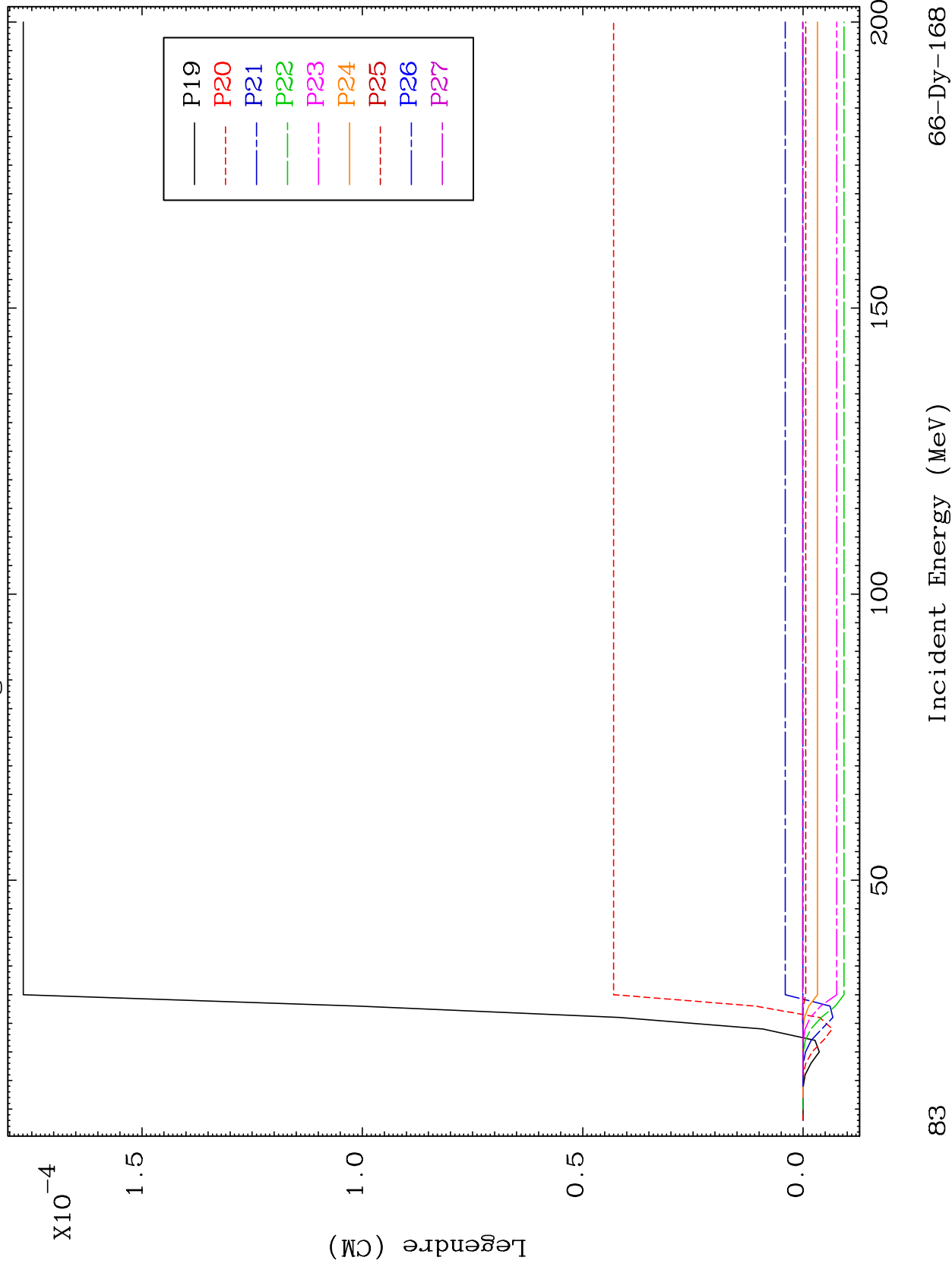
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

66-Dy-168



83

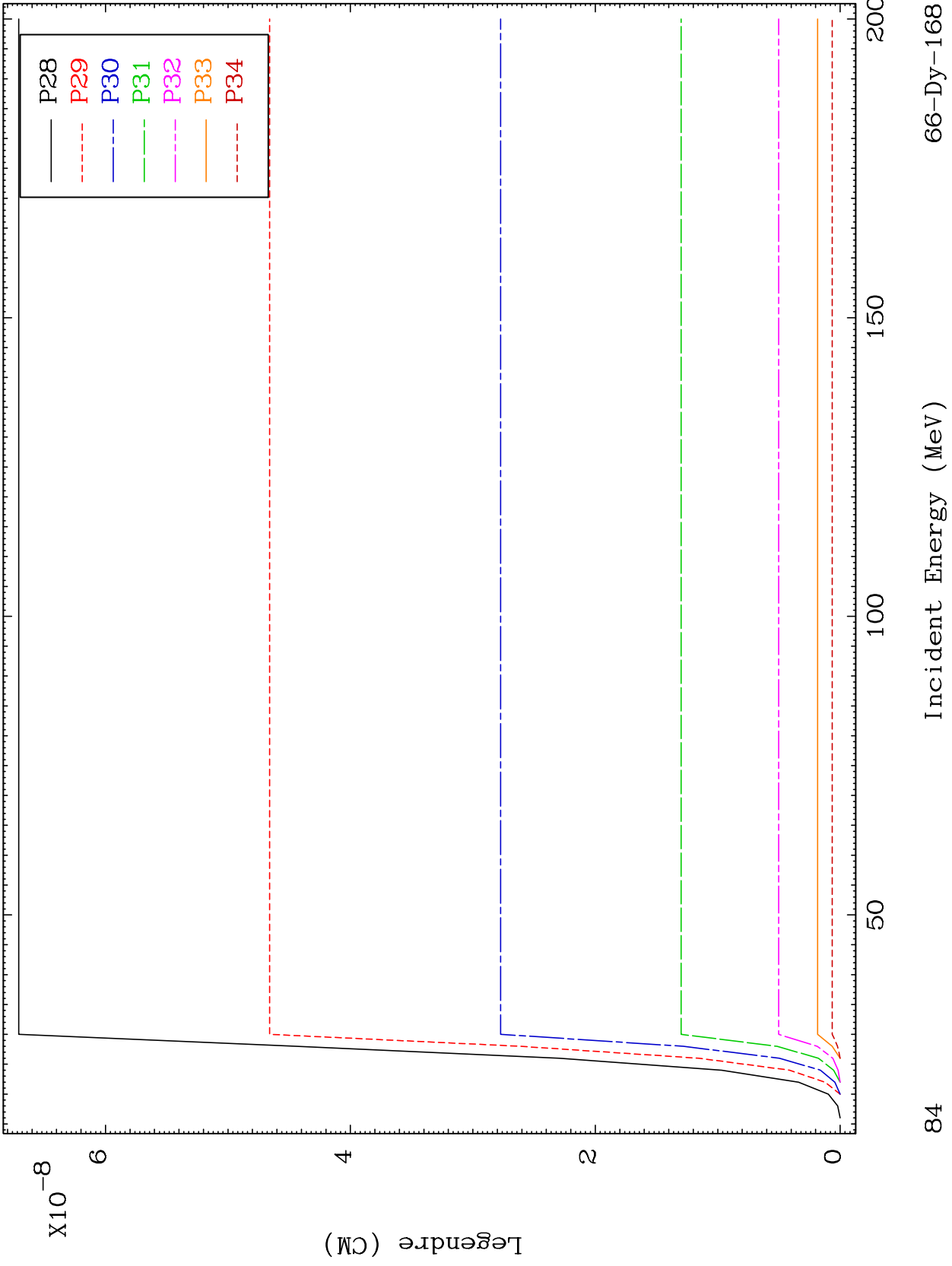
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

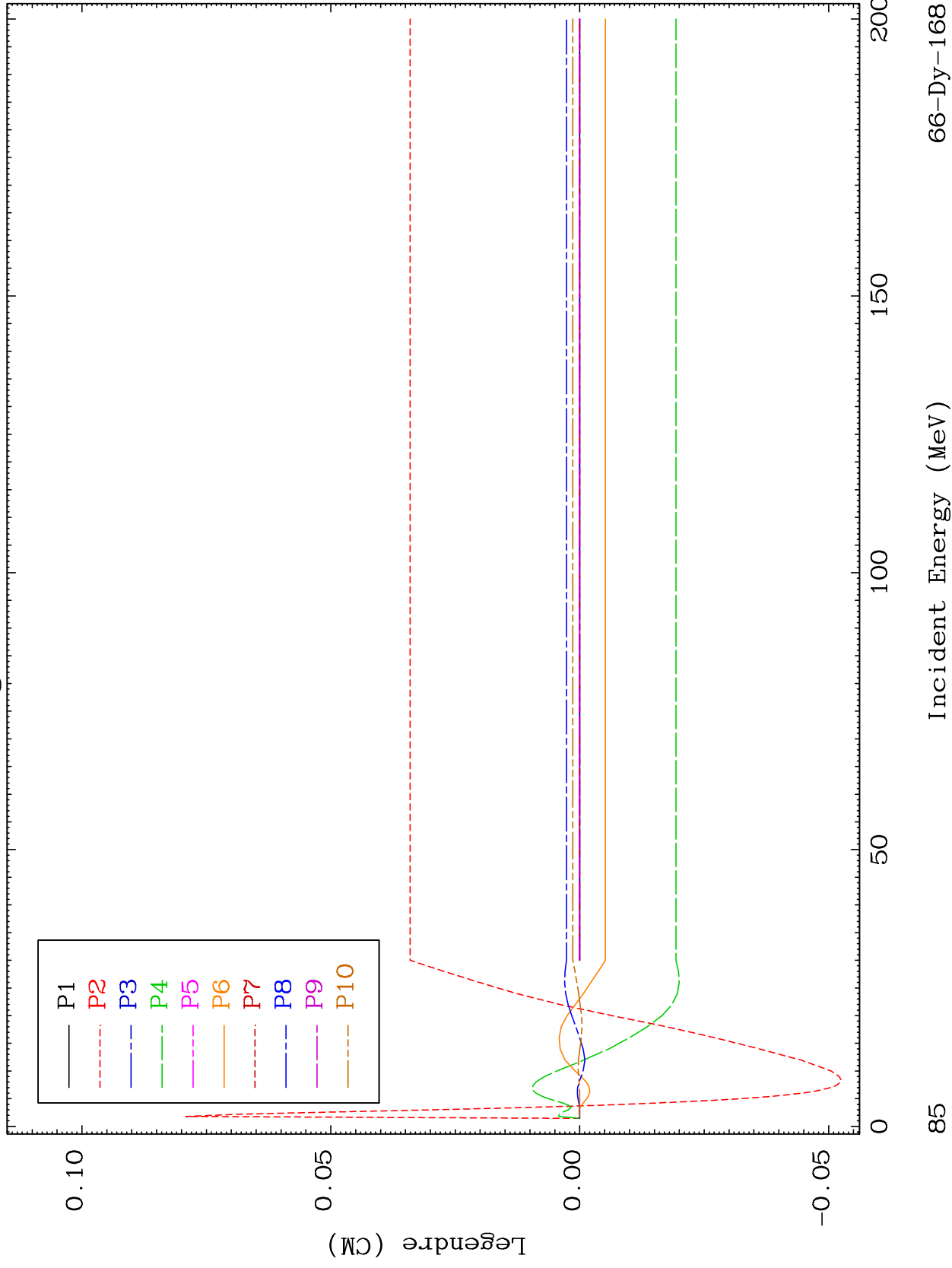
66-Dy-168



MAT 6661

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

66-Dy-168



66-Dy-168

Incident Energy (MeV)

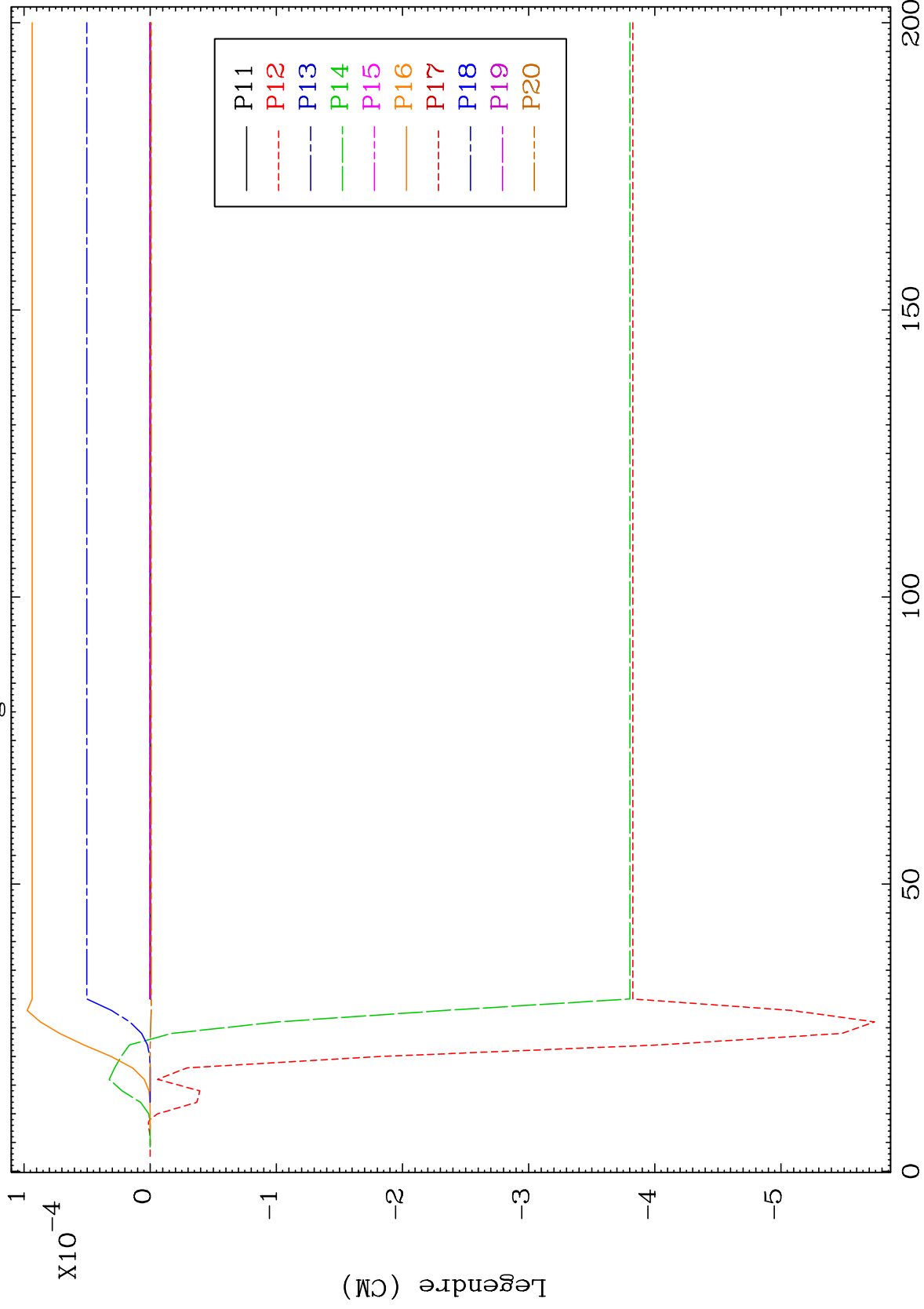
85

MAT 6661

MT= 69 (n,n') Level

66-Dy-168

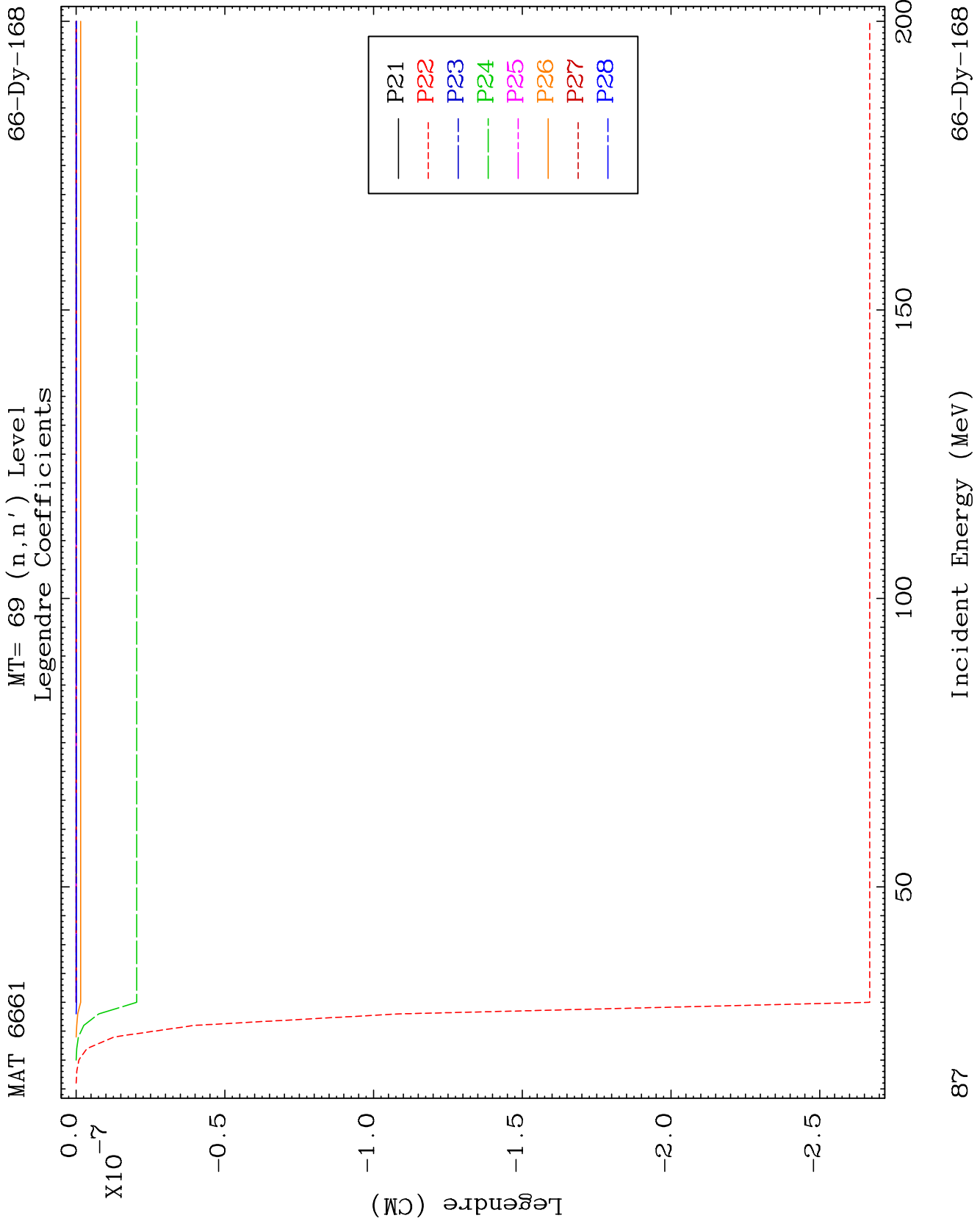
Legendre Coefficients



86

Incident Energy (MeV)

66-Dy-168

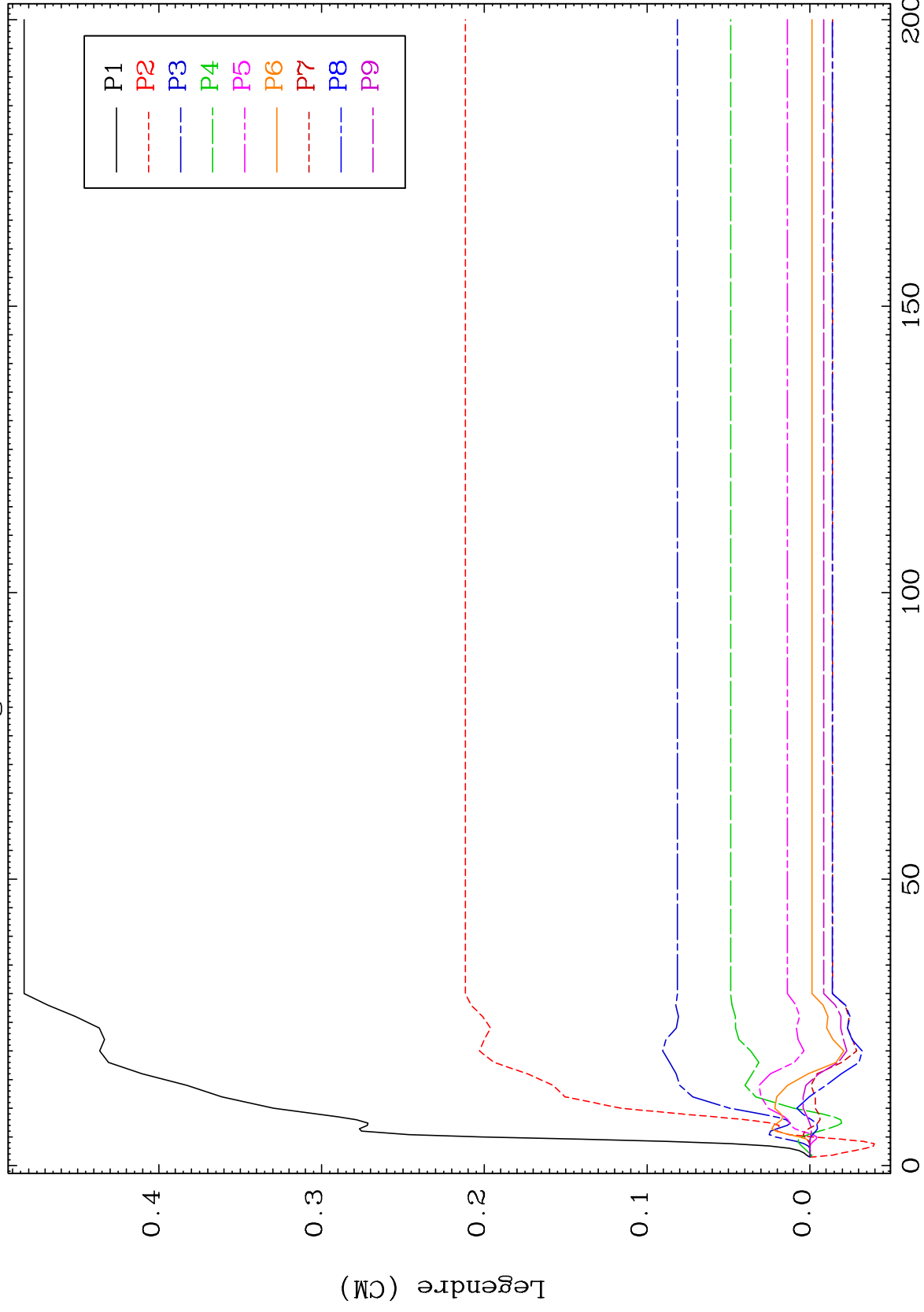




MAT 6661

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

66-Dy-168



66-Dy-168

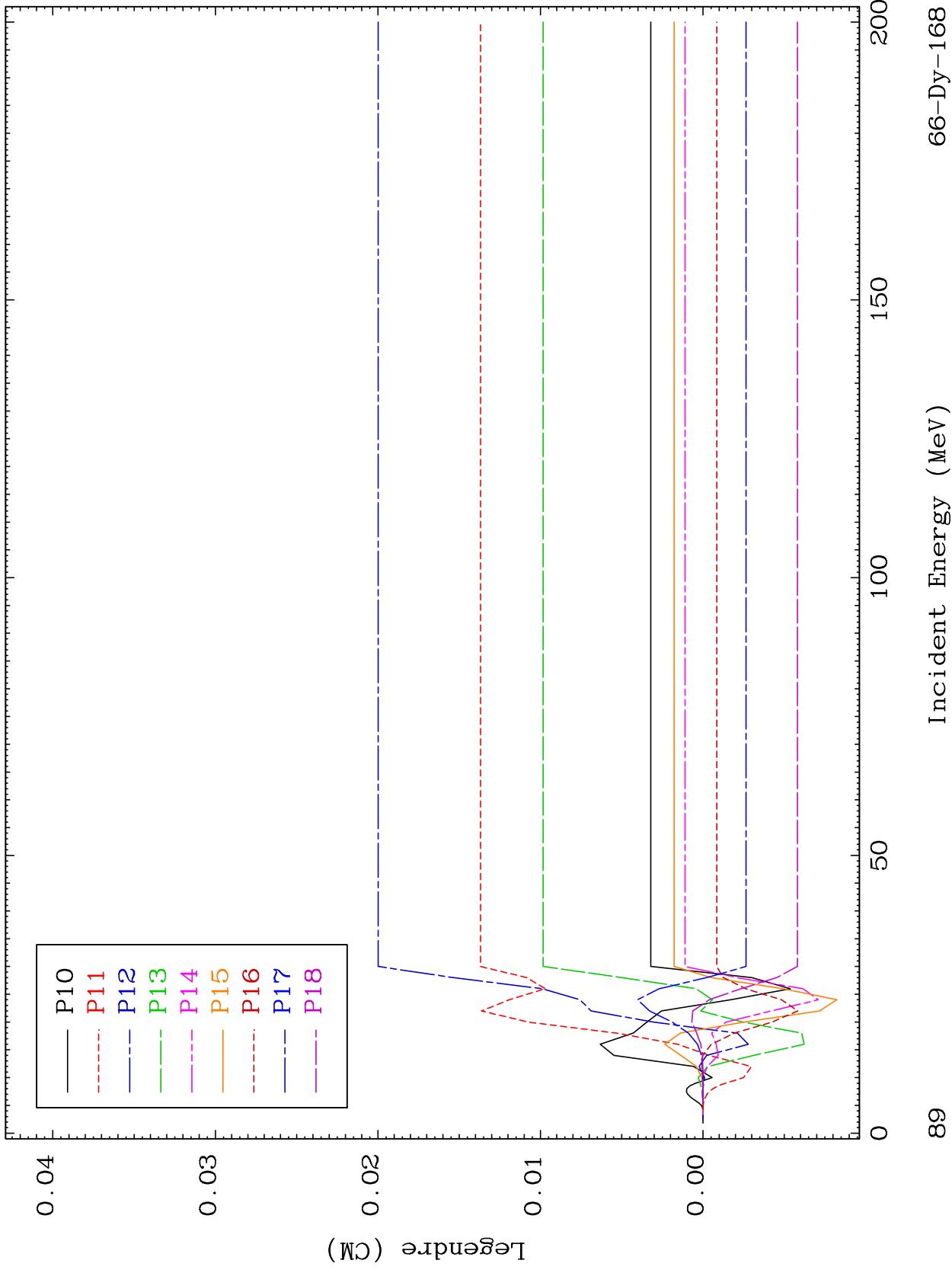
Incident Energy (MeV)

88

MAT 6661

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

66-Dy-168



89

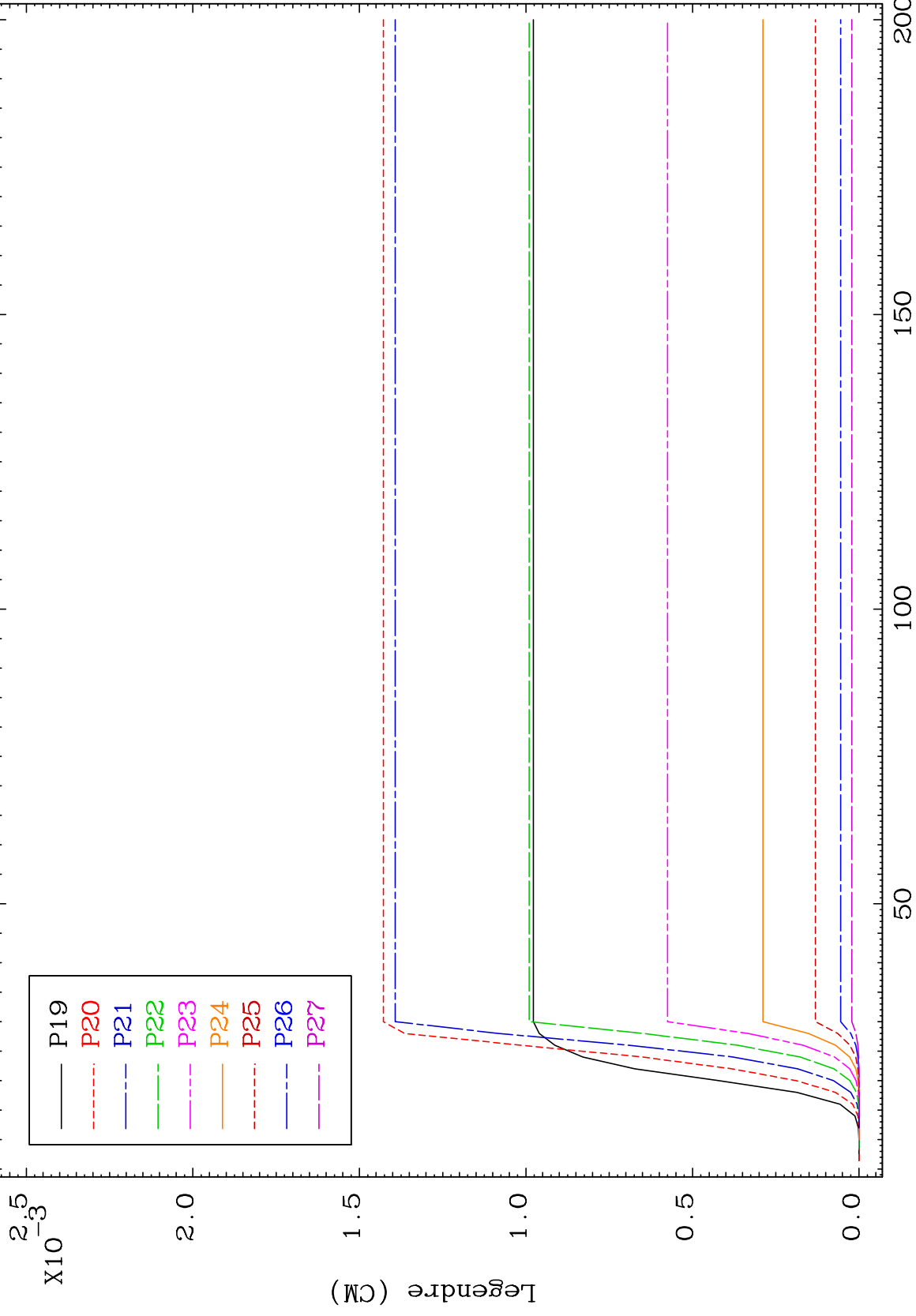
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

66-Dy-168



90

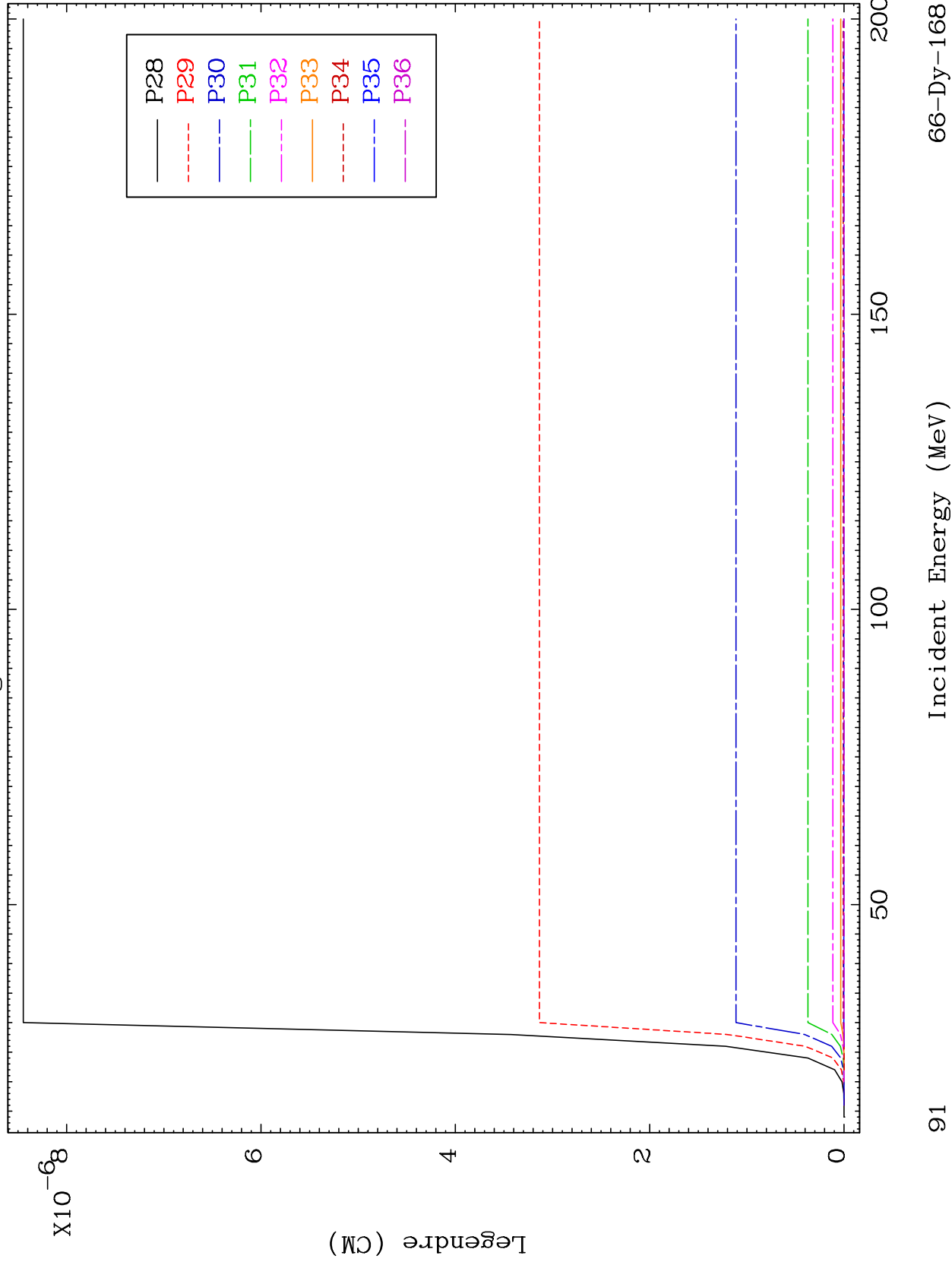
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

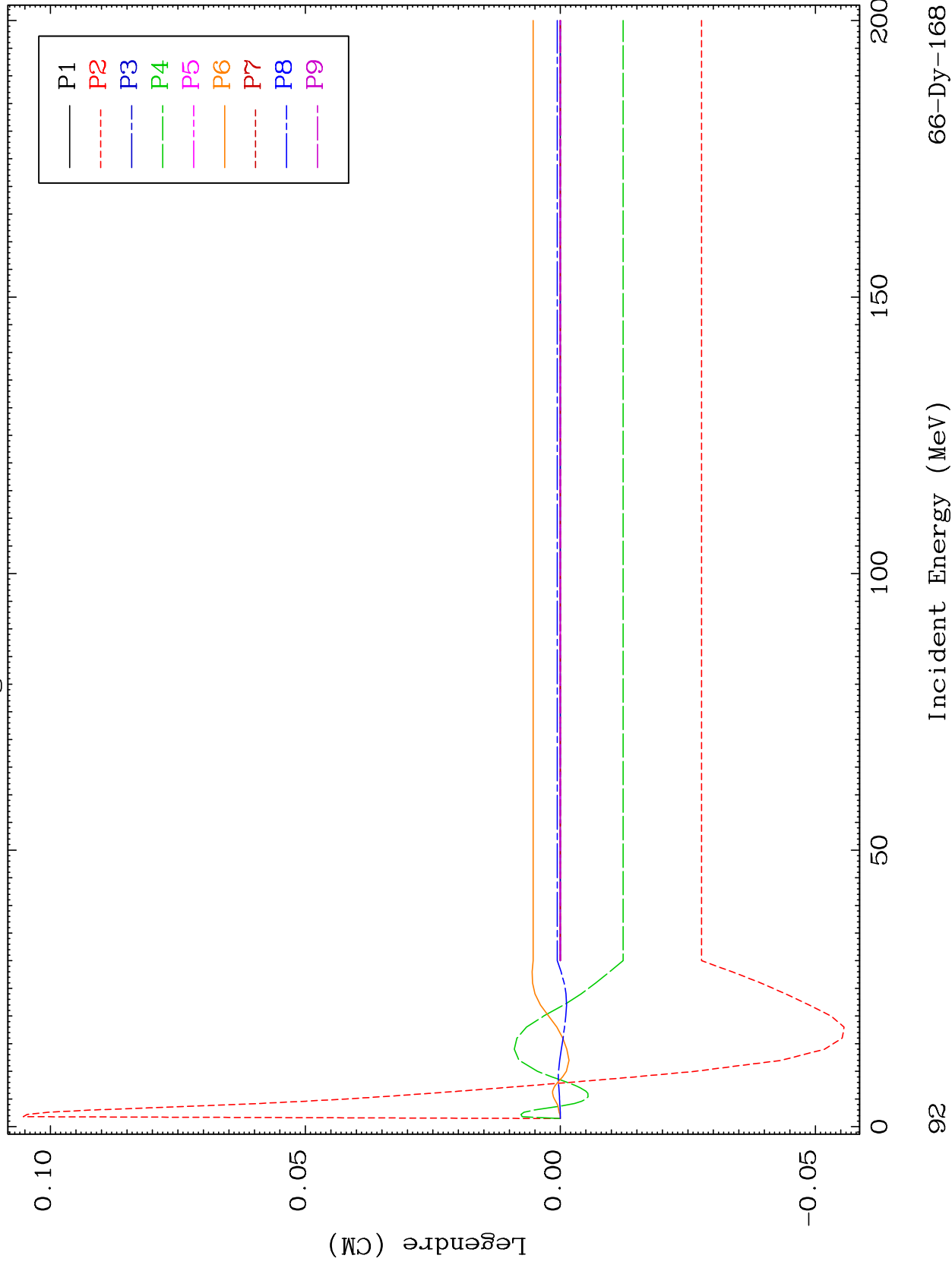
66-Dy-168



MAT 6661

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

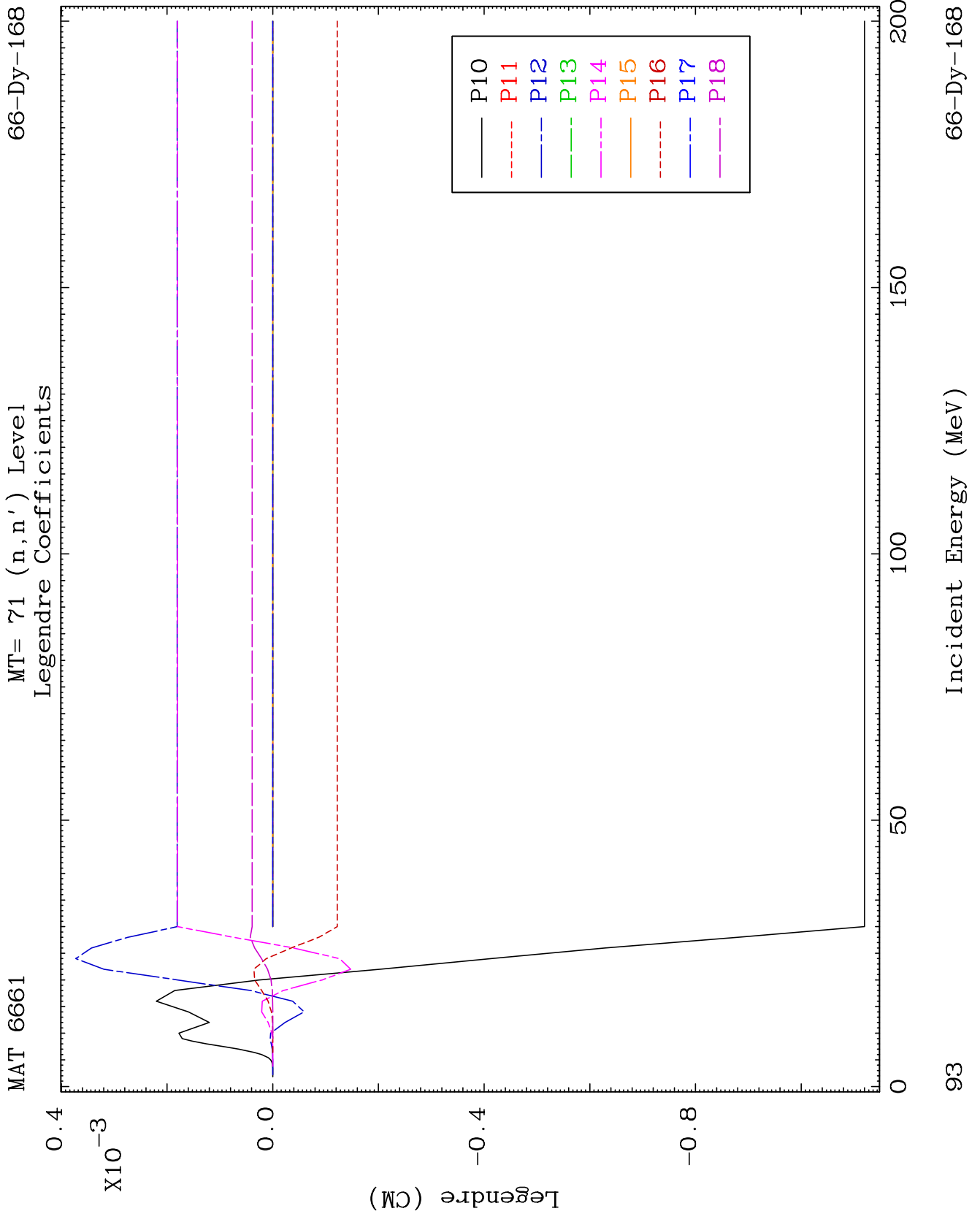
66-Dy-168



66-Dy-168

Incident Energy (MeV)

92

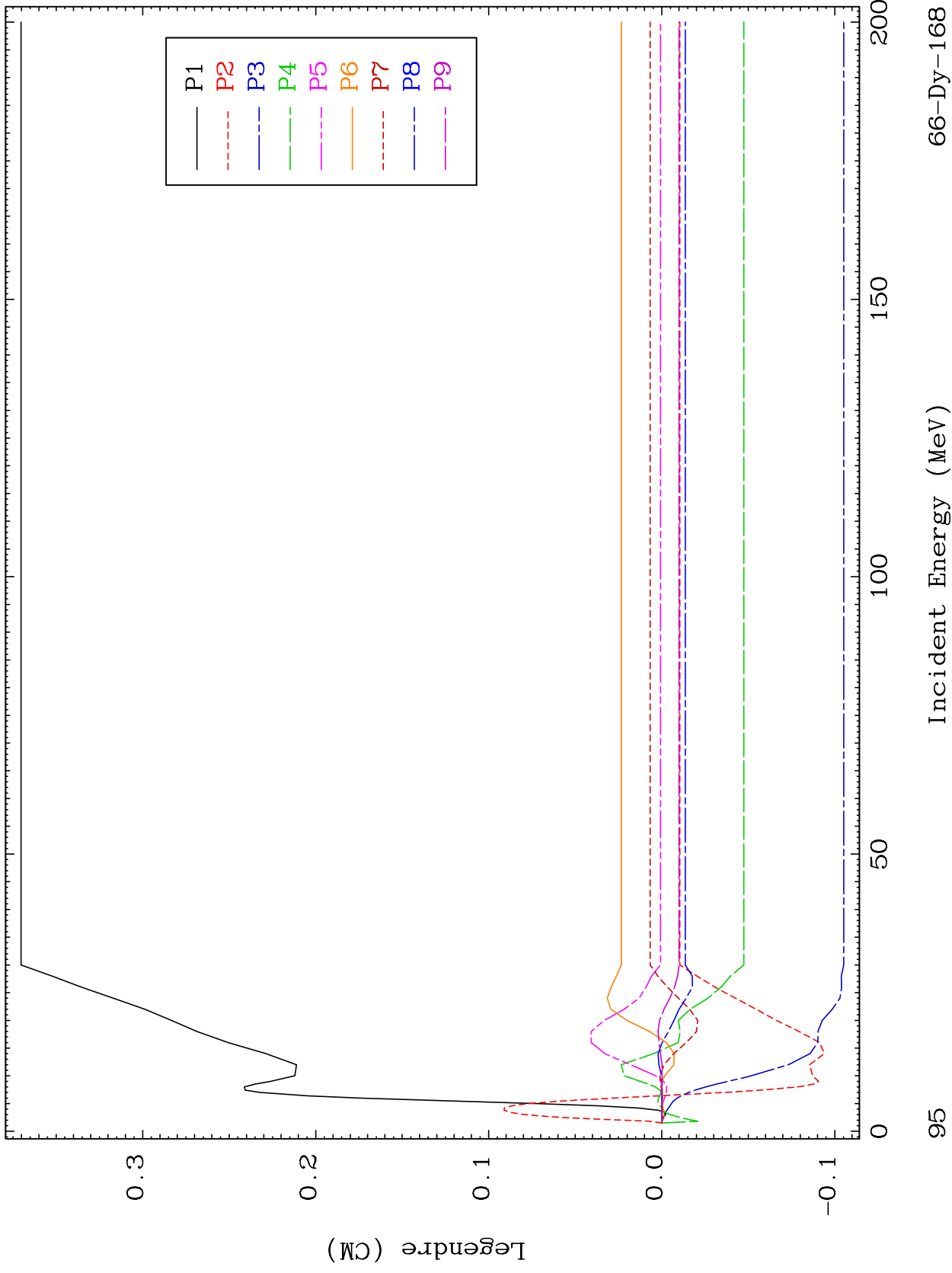




MAT 6661

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

66-Dy-168



66-Dy-168

Incident Energy (MeV)

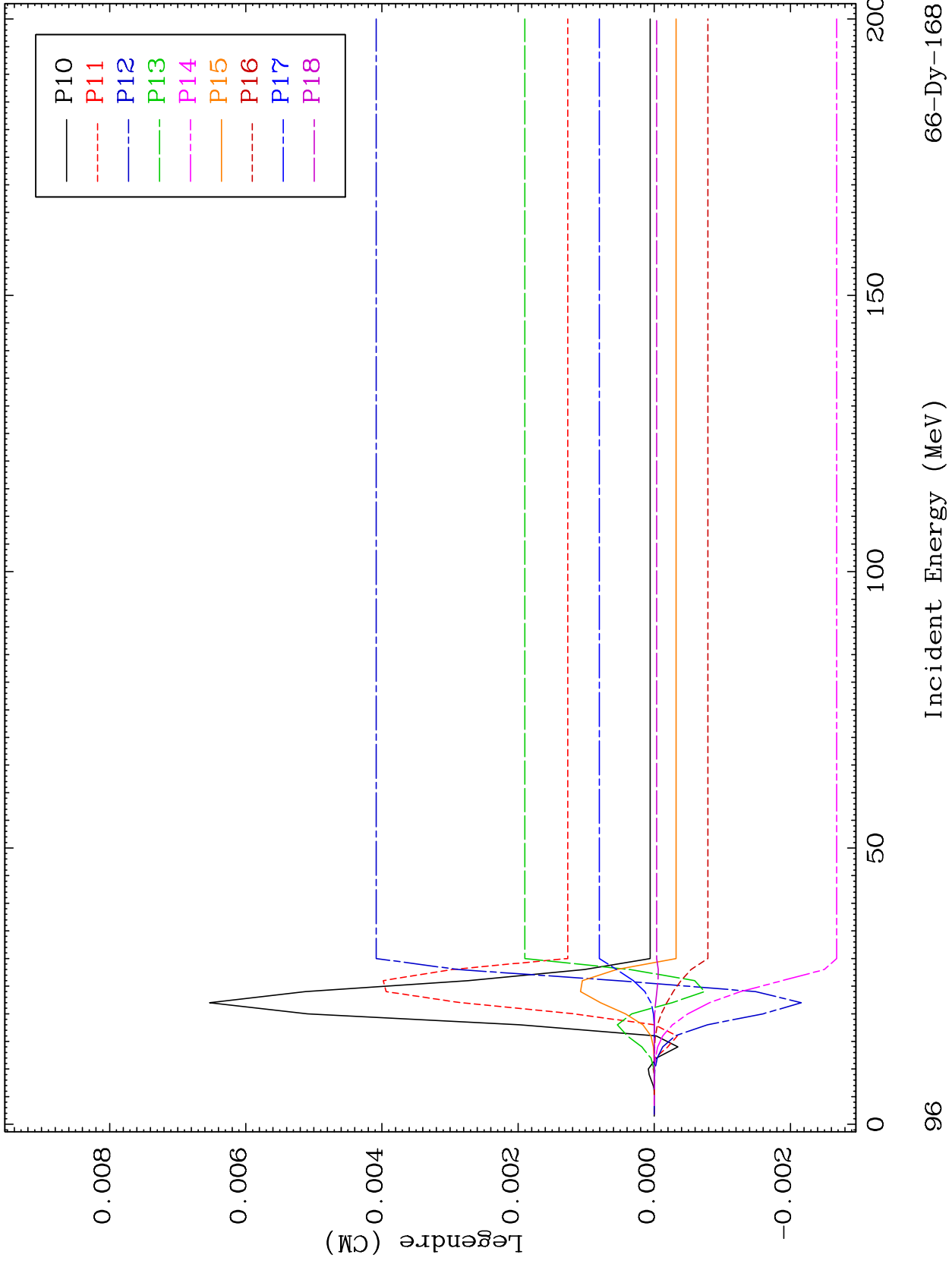
95



MAT 6661

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

66-Dy-168



96

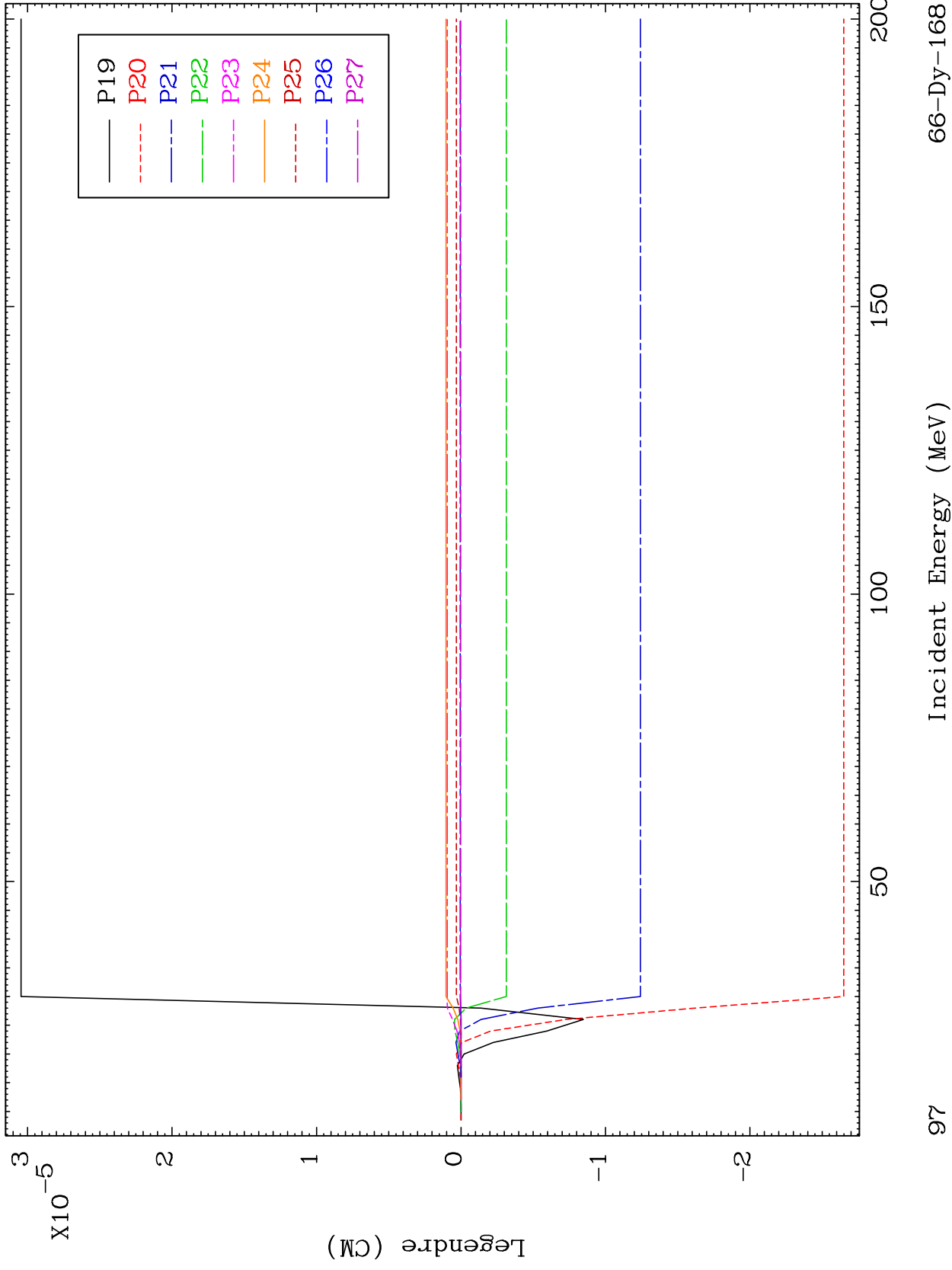
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

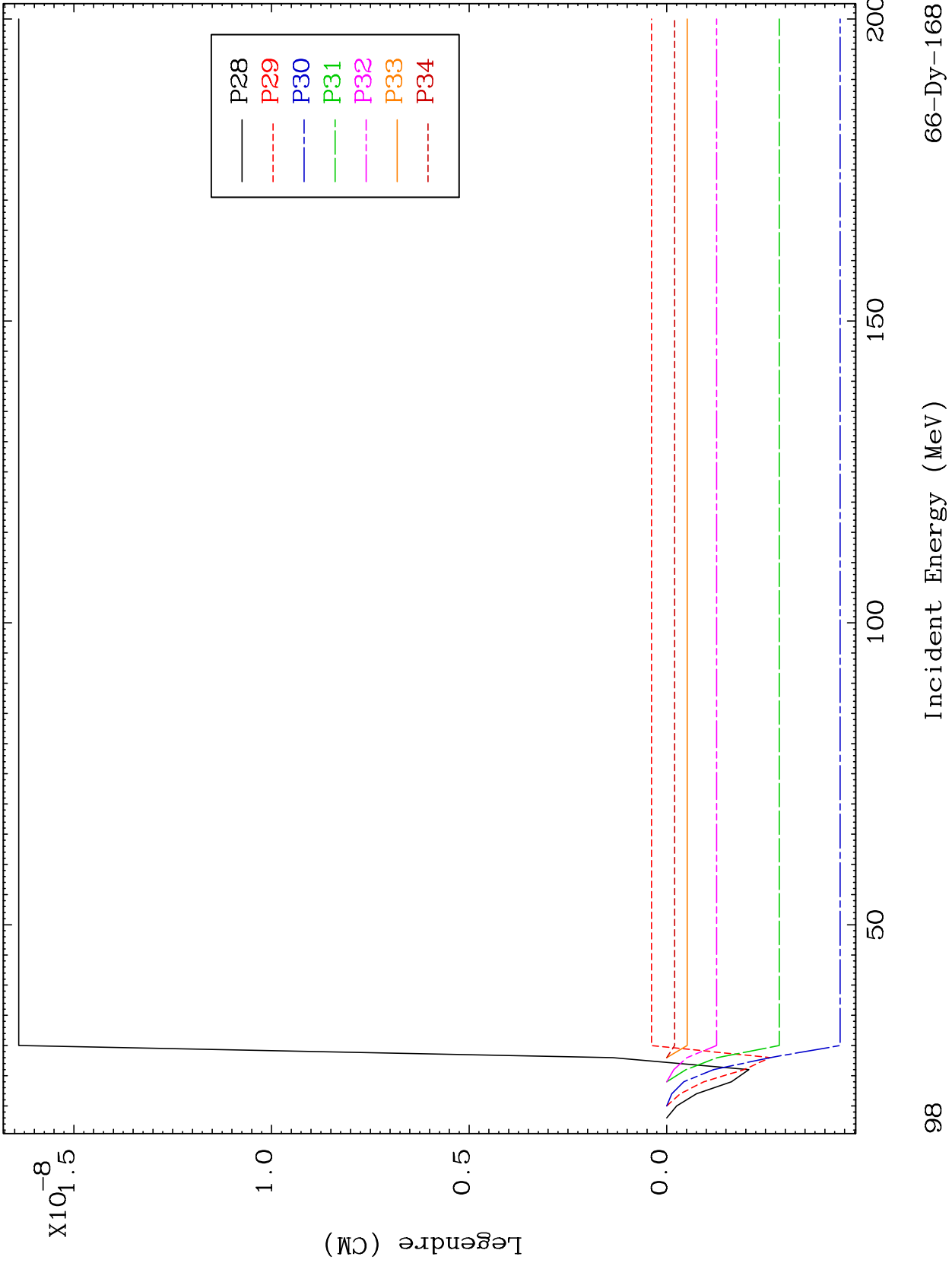
66-Dy-168



MAT 6661

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

66-Dy-168

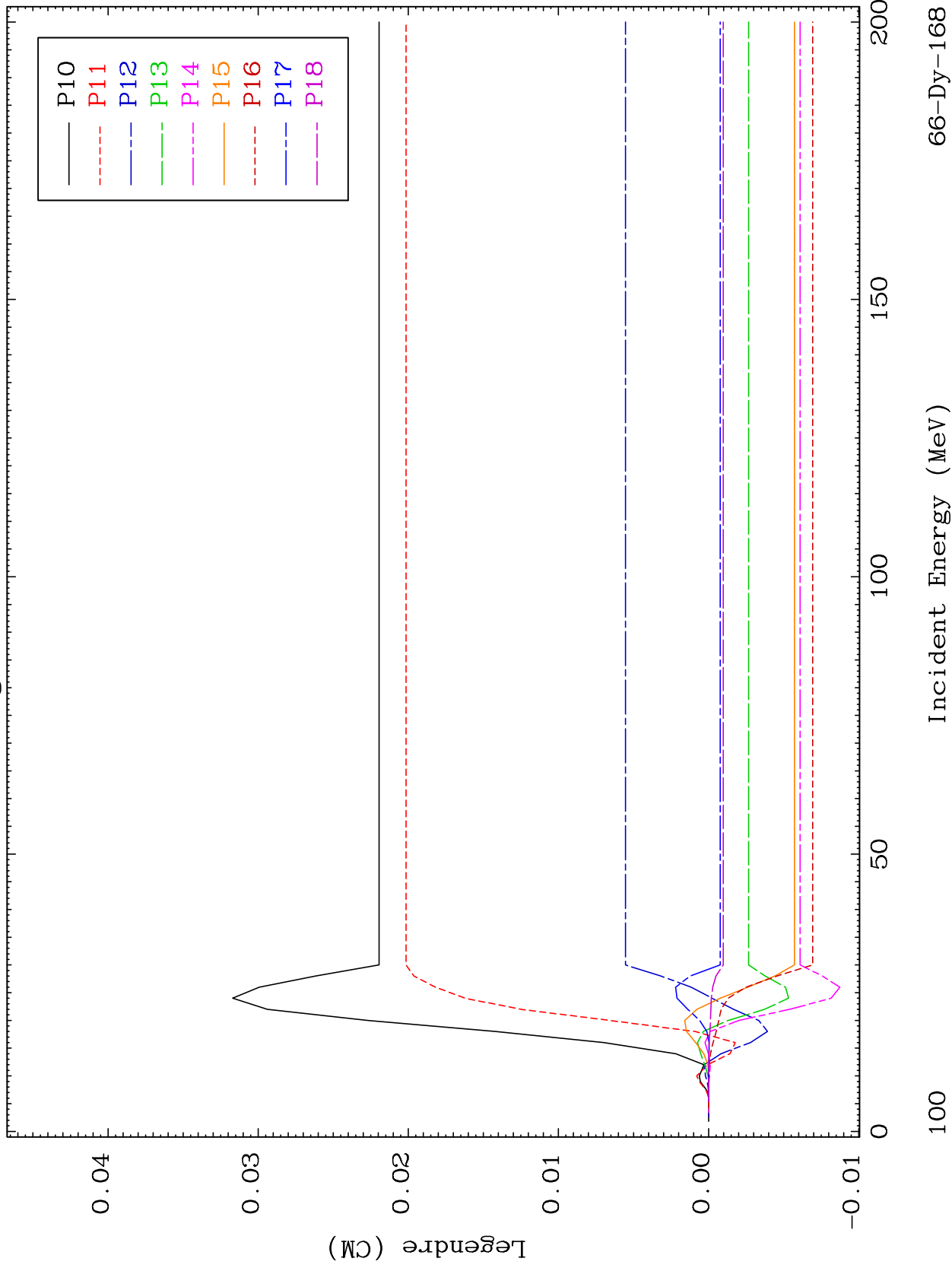




MAT 6661

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

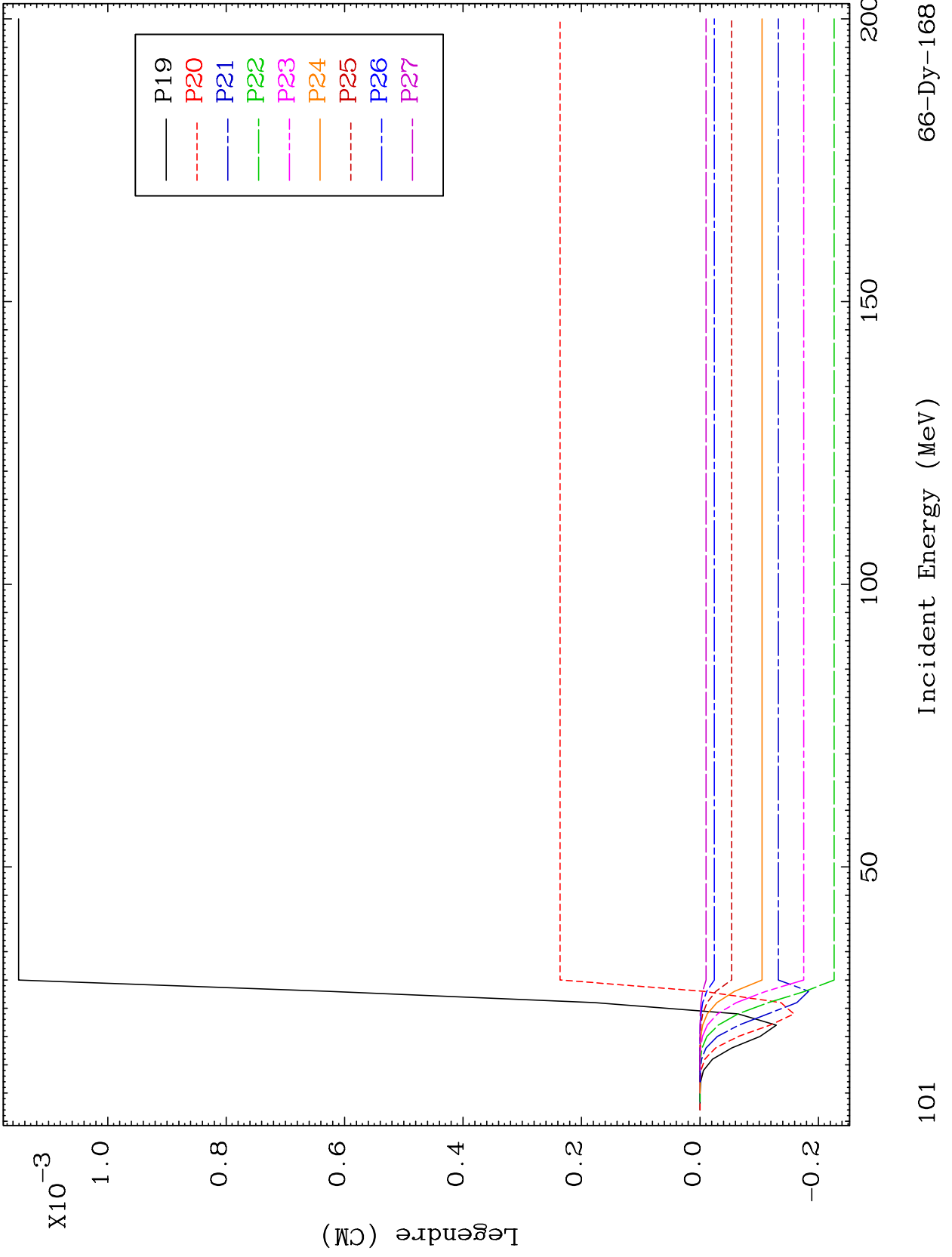
66-Dy-168



MAT 6661

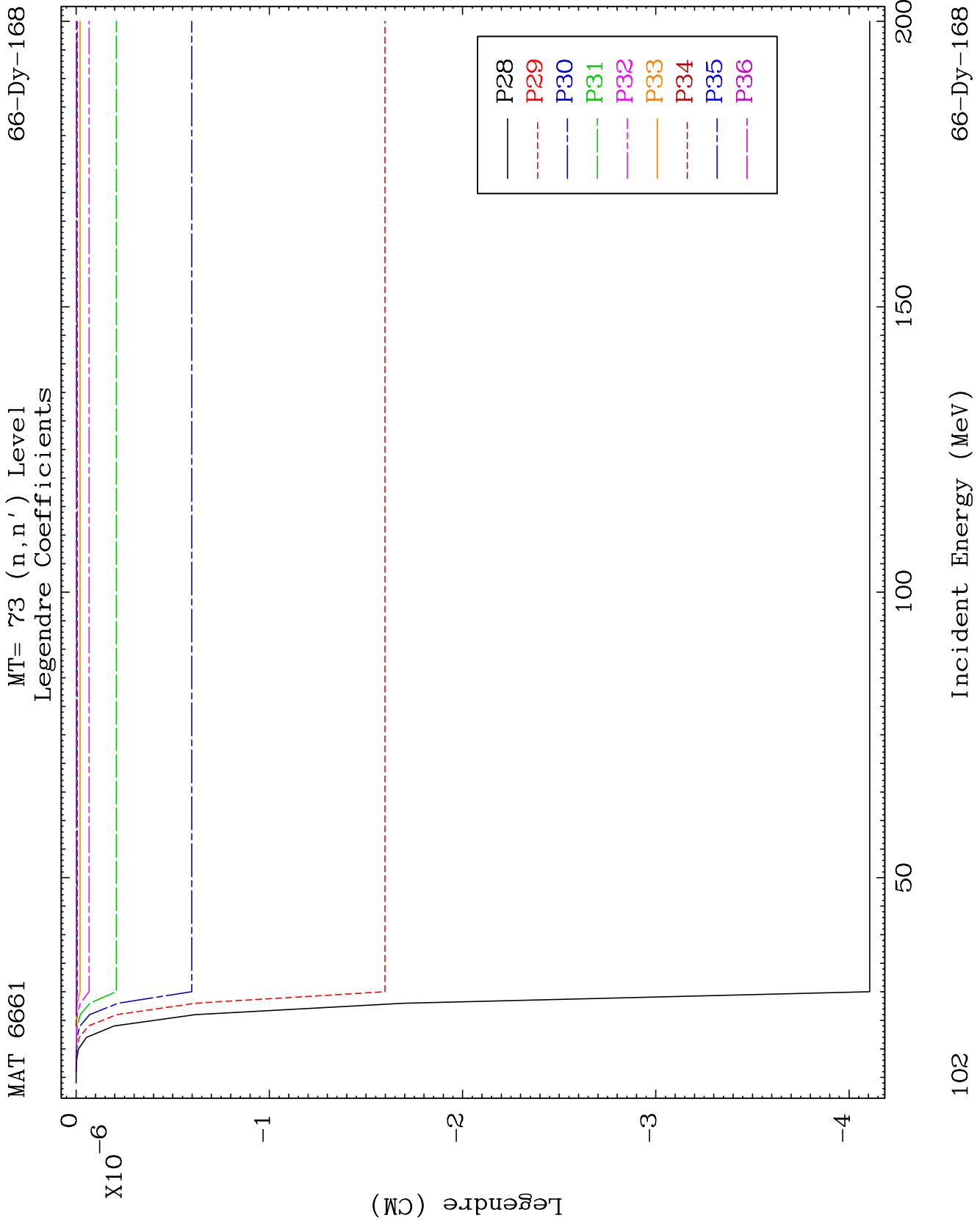
MT= 73 (n,n') Level  
Legendre Coefficients

66-Dy-168



101

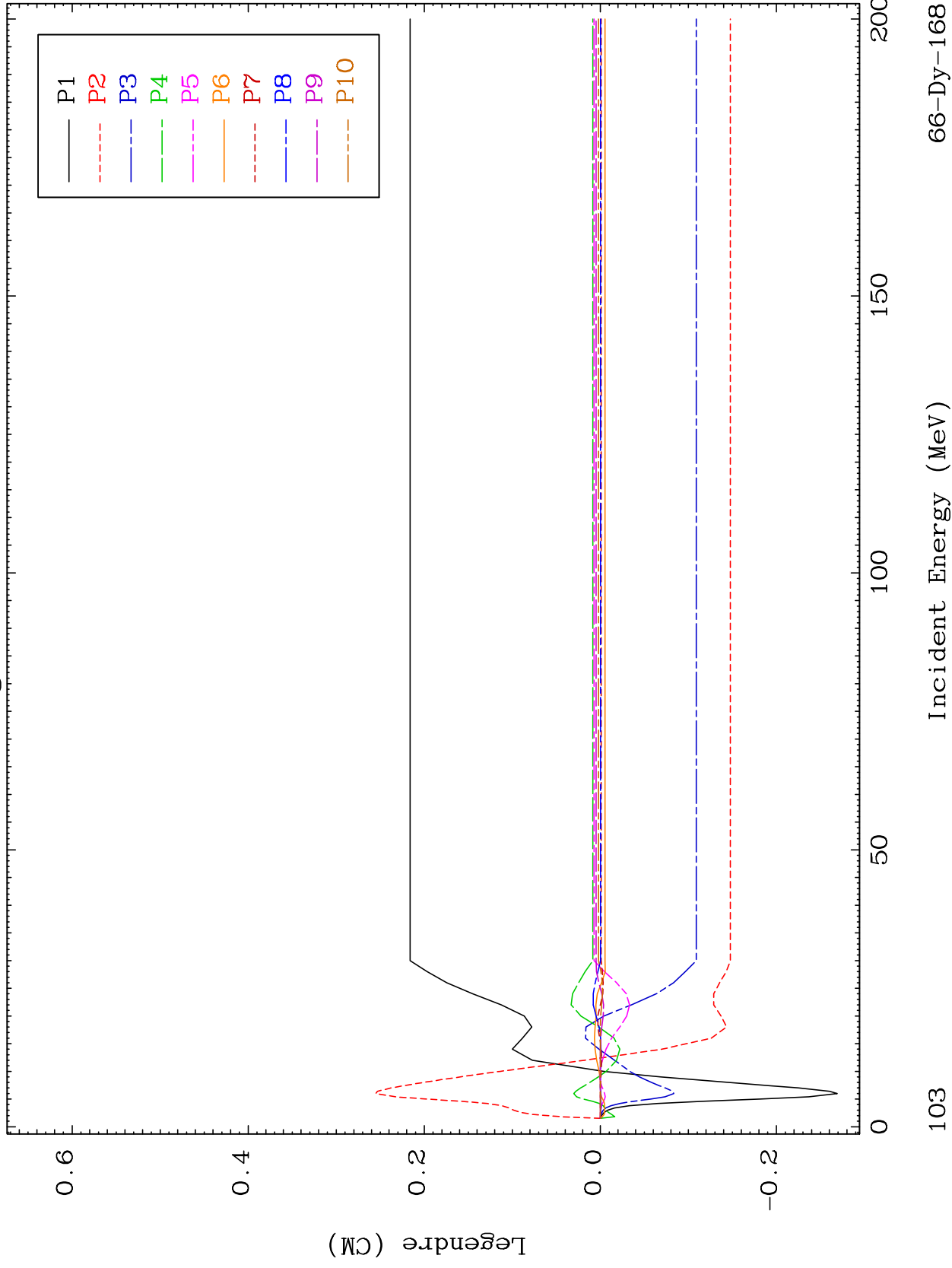
66-Dy-168



MAT 6661

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

66-Dy-168



66-Dy-168

Incident Energy (MeV)

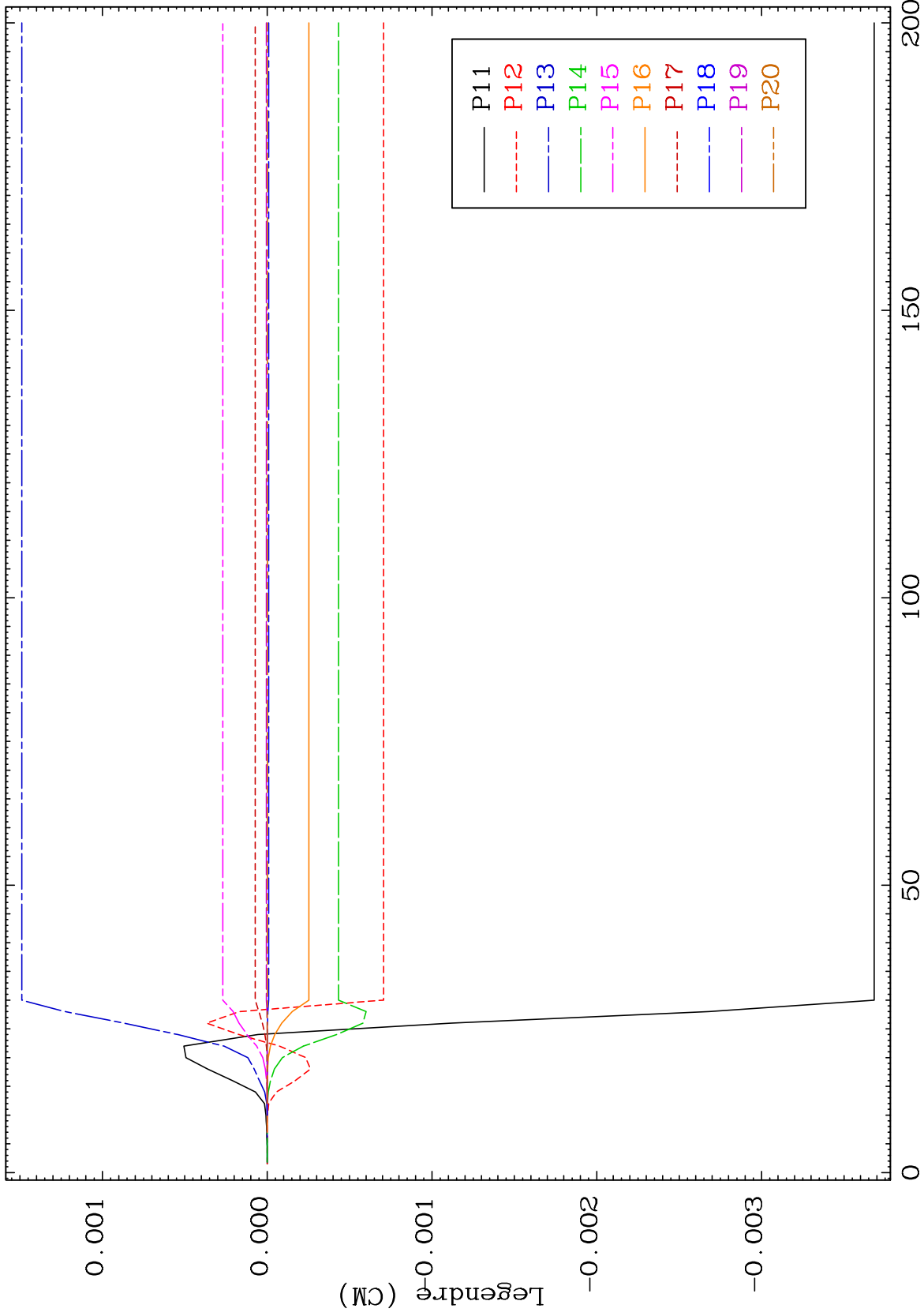
103



MAT 6661

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

66-Dy-168



104

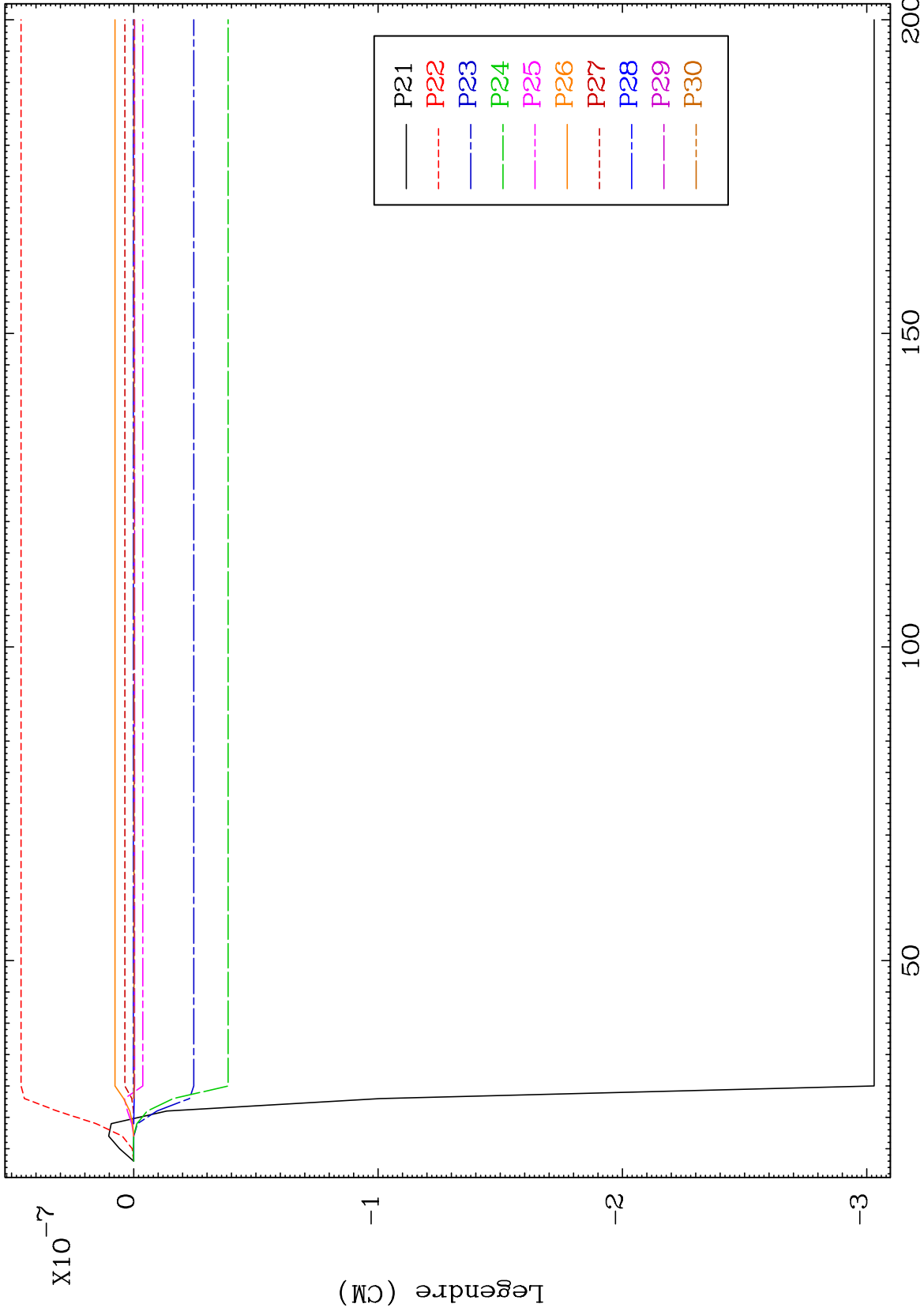
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

66-Dy-168



105

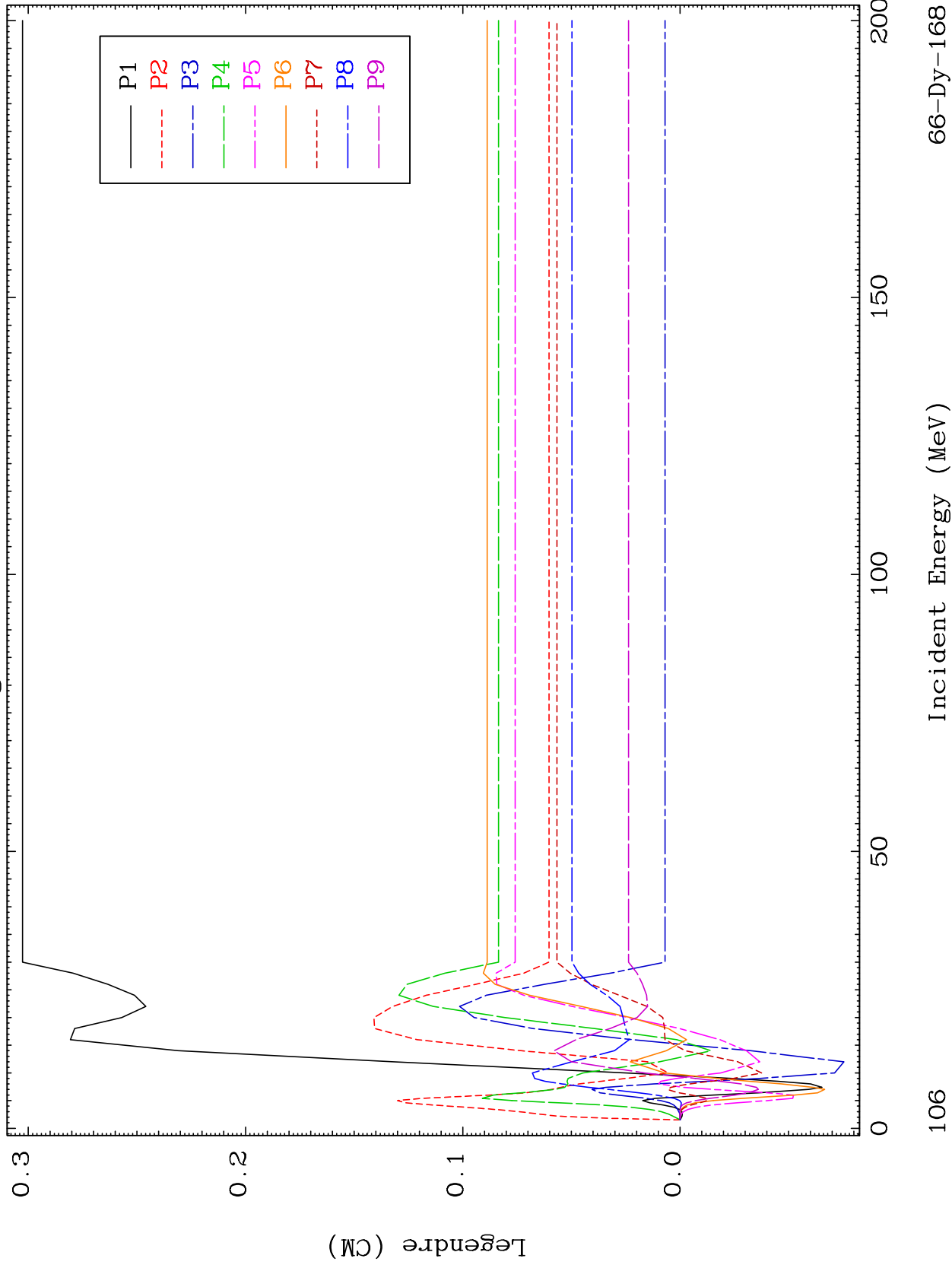
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

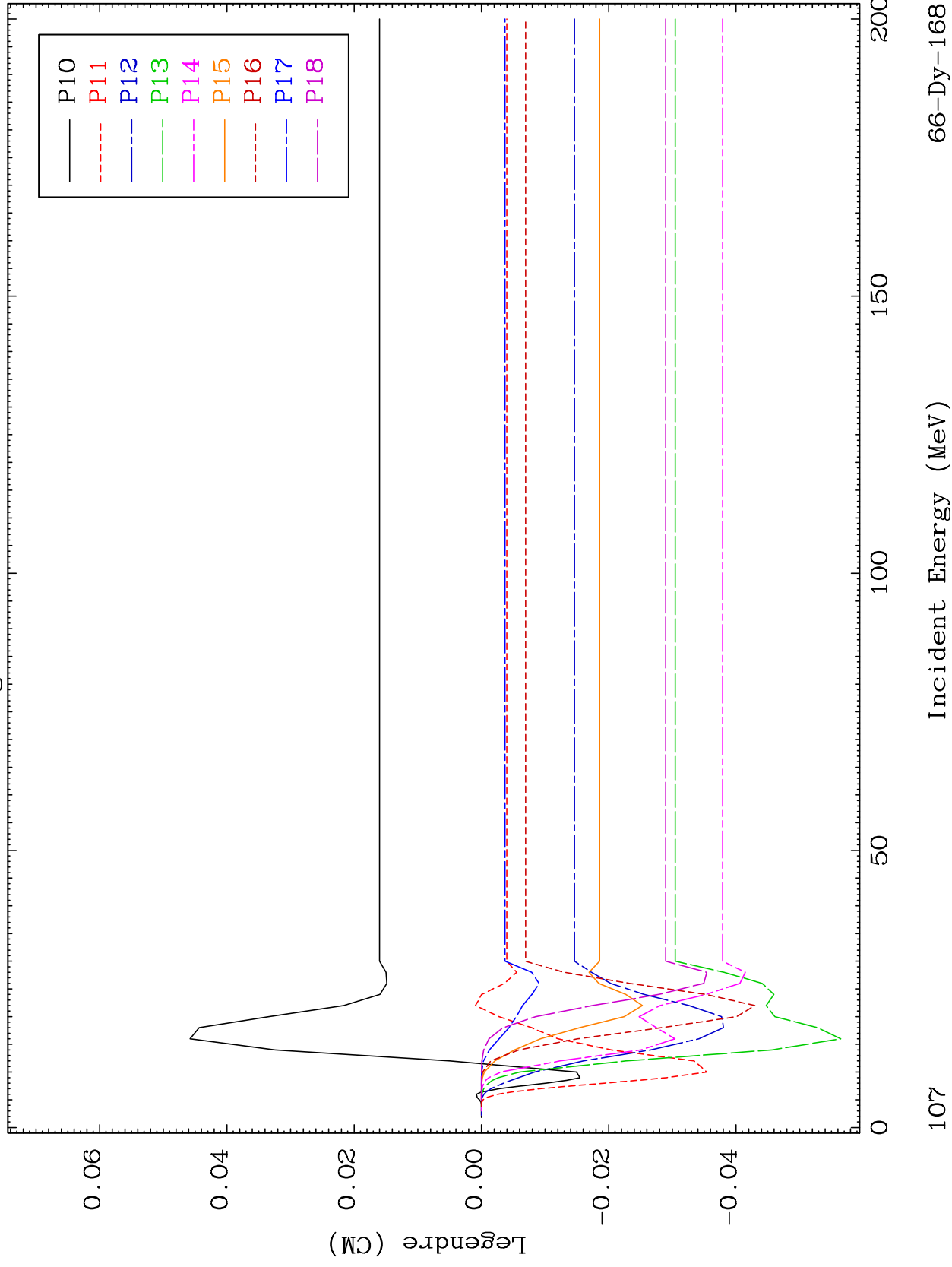
66-Dy-168



MAT 6661

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

66-Dy-168

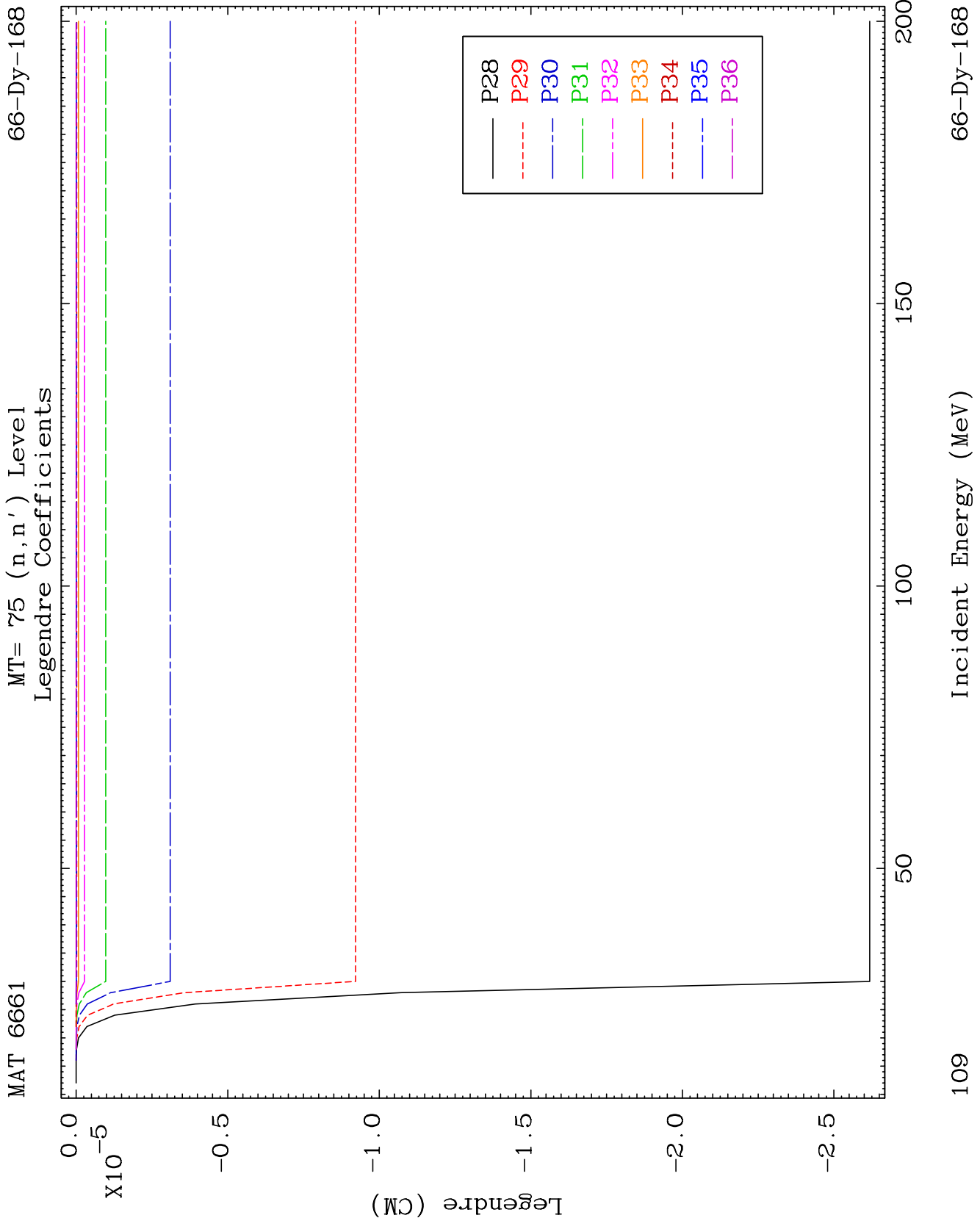


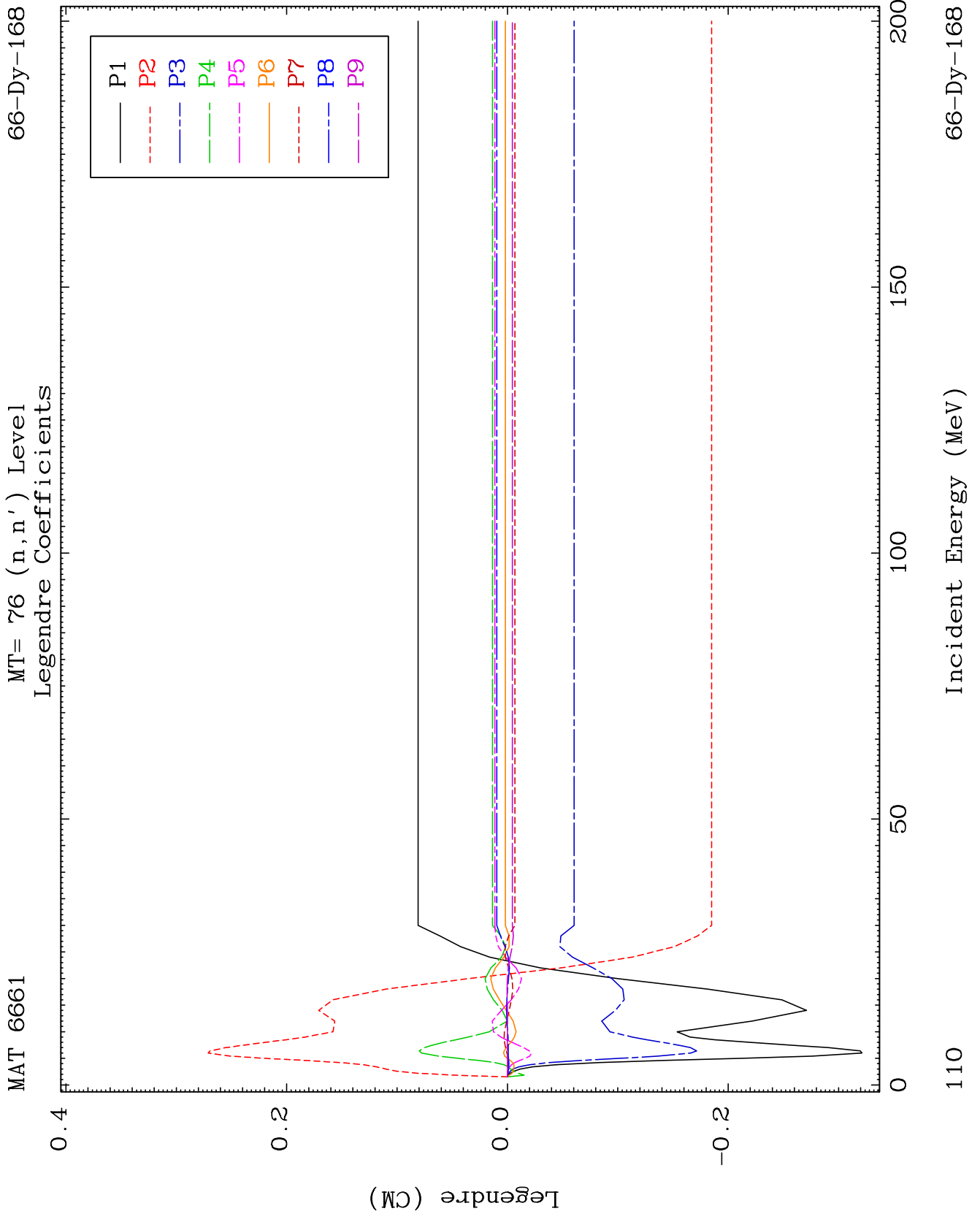
66-Dy-168

Incident Energy (MeV)

107



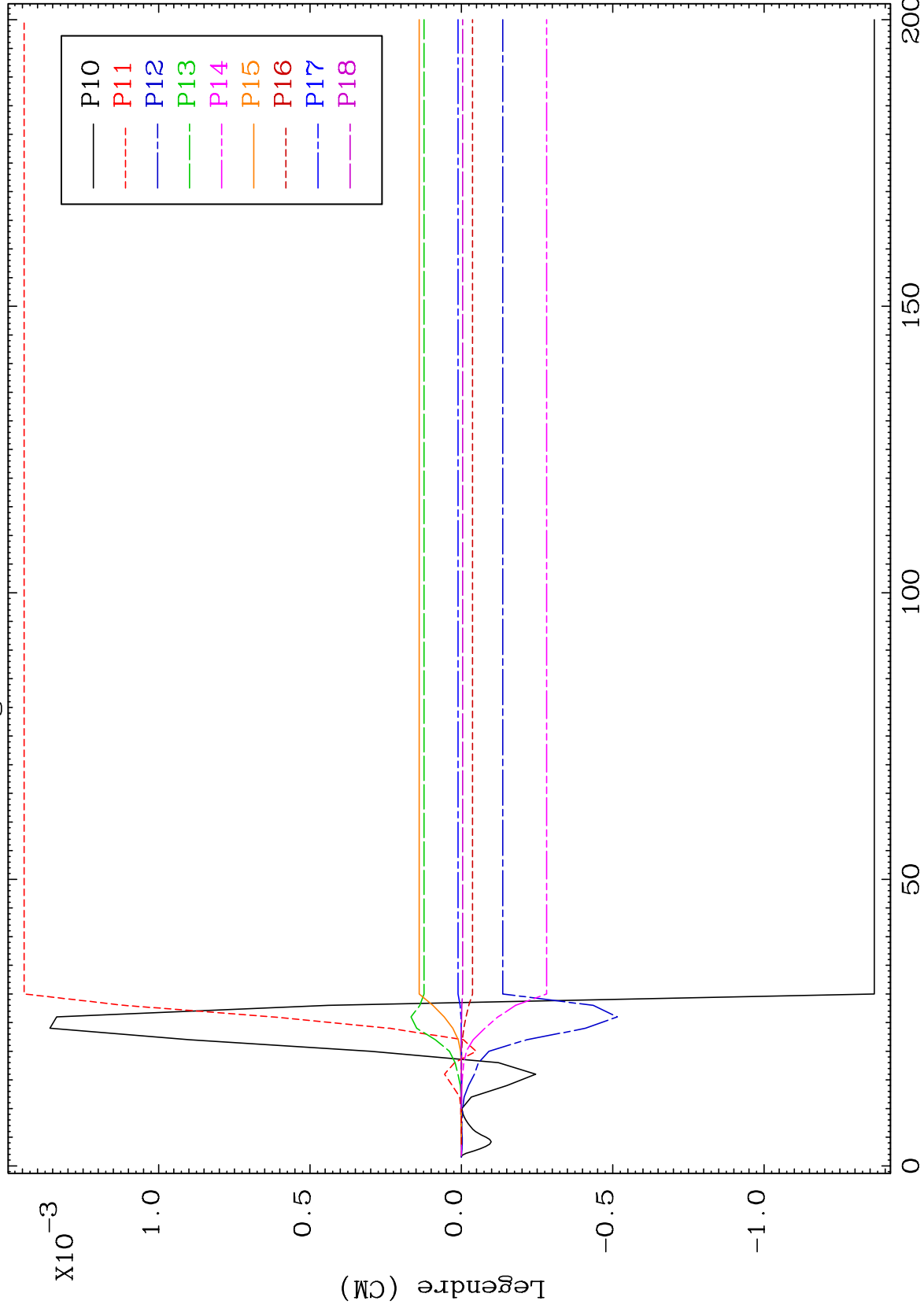




MAT 6661

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

66-Dy-168



111

Incident Energy (MeV)

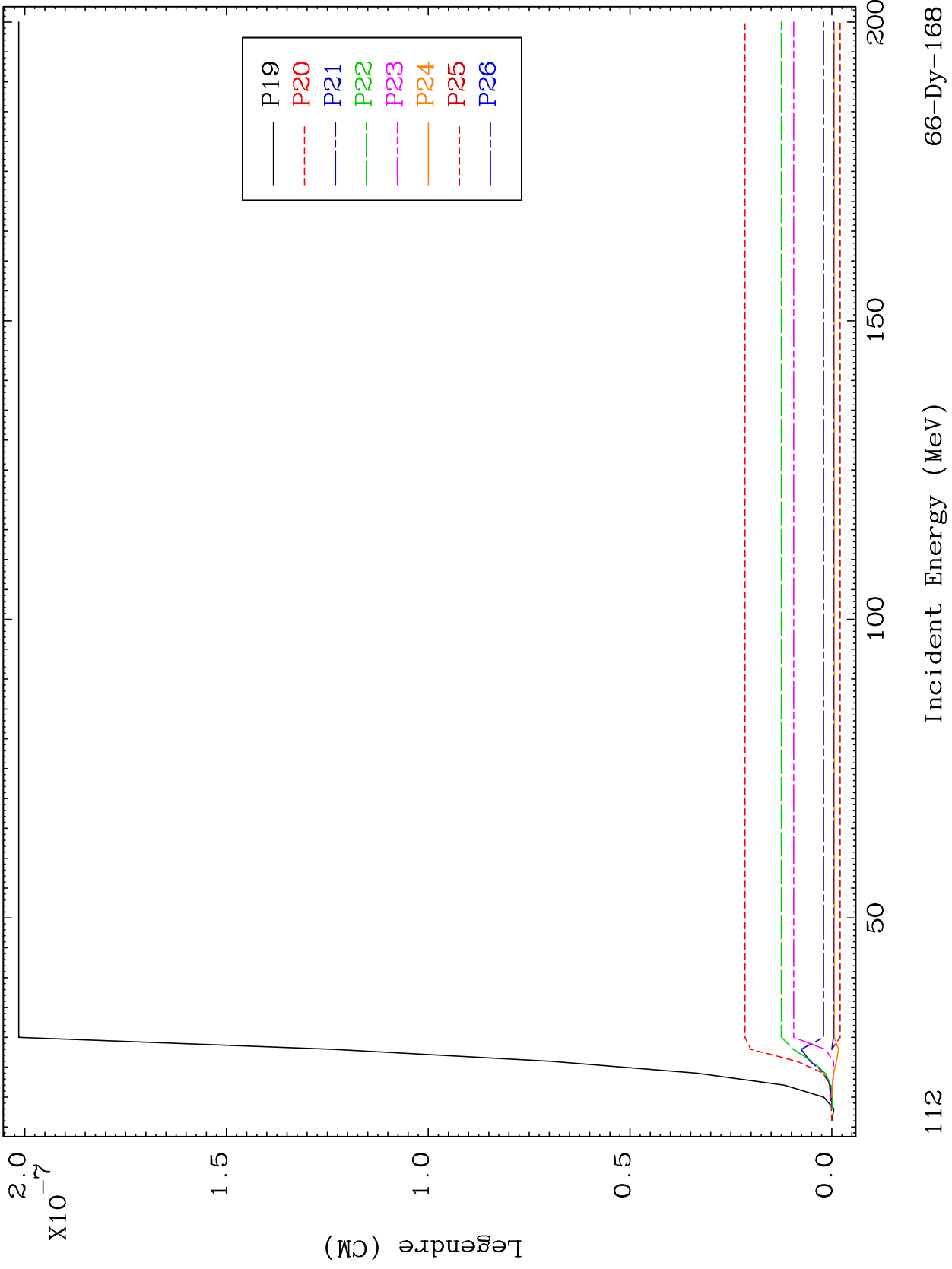
66-Dy-168



MAT 6661

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

66-Dy-168



112

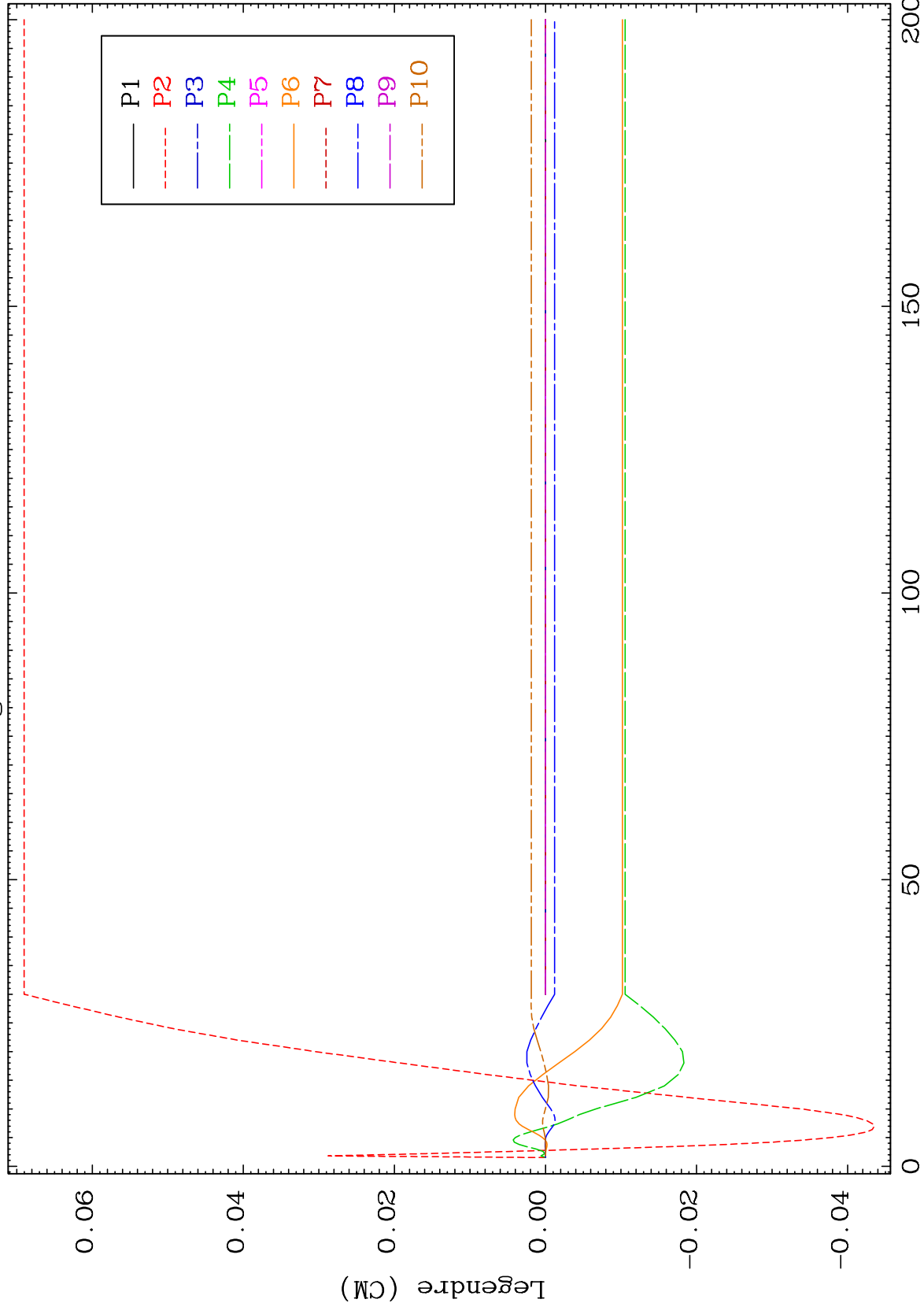
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

66-Dy-168



113

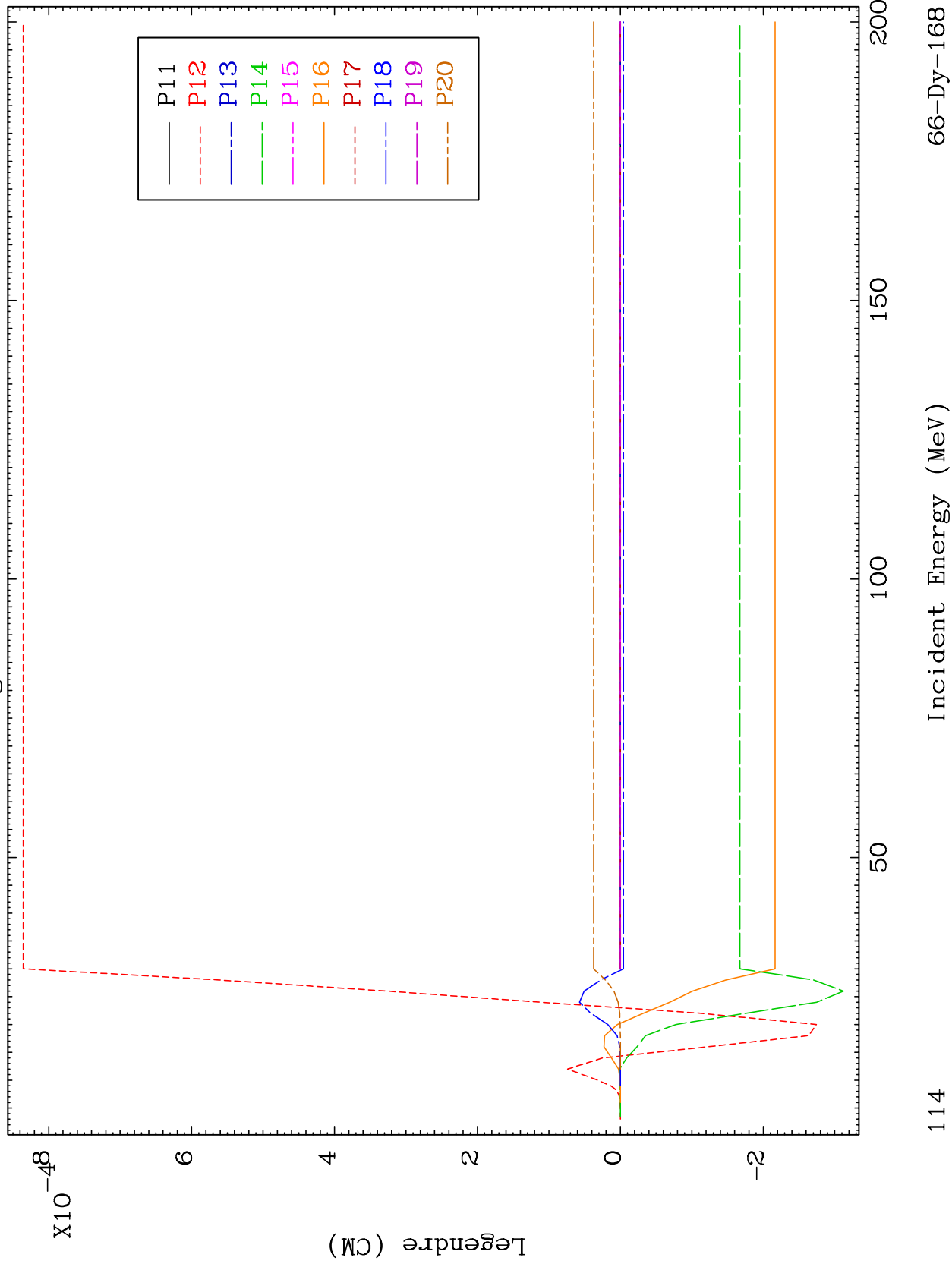
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

66-Dy-168



114

Incident Energy (MeV)

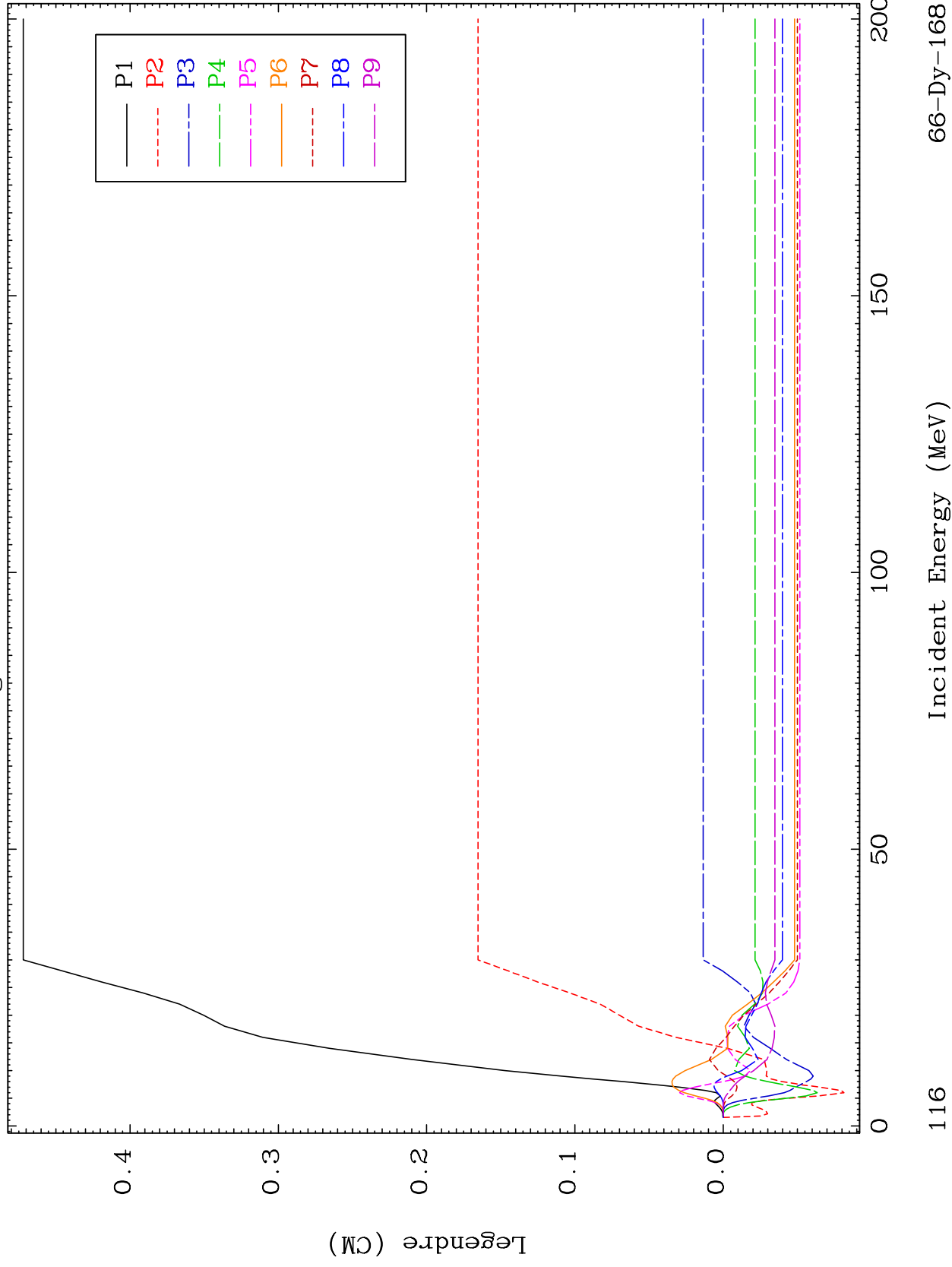
66-Dy-168



MAT 6661

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

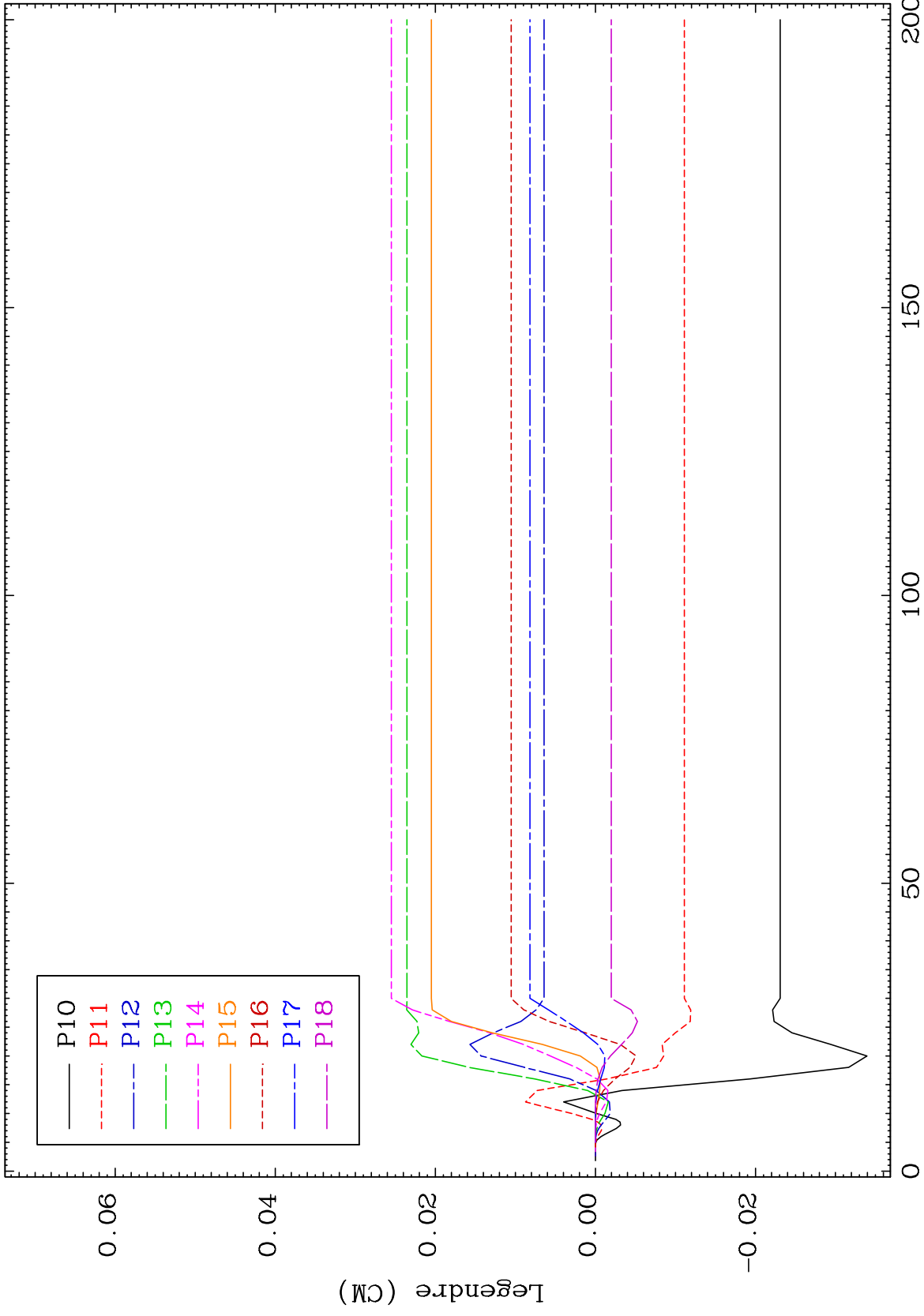
66-Dy-168



MAT 6661

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

66-Dy-168



117

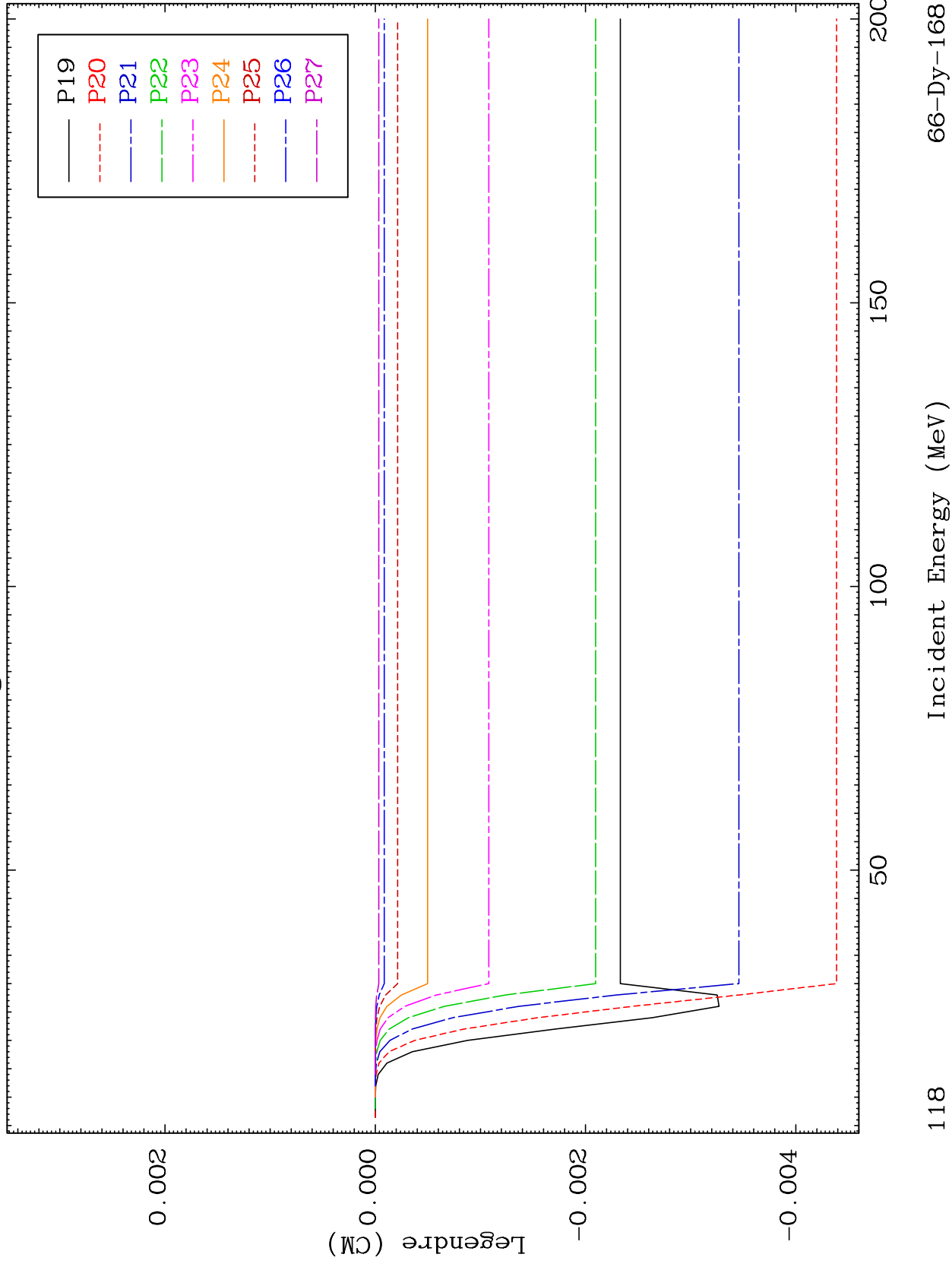
Incident Energy (MeV)

66-Dy-168

MAT 6661

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

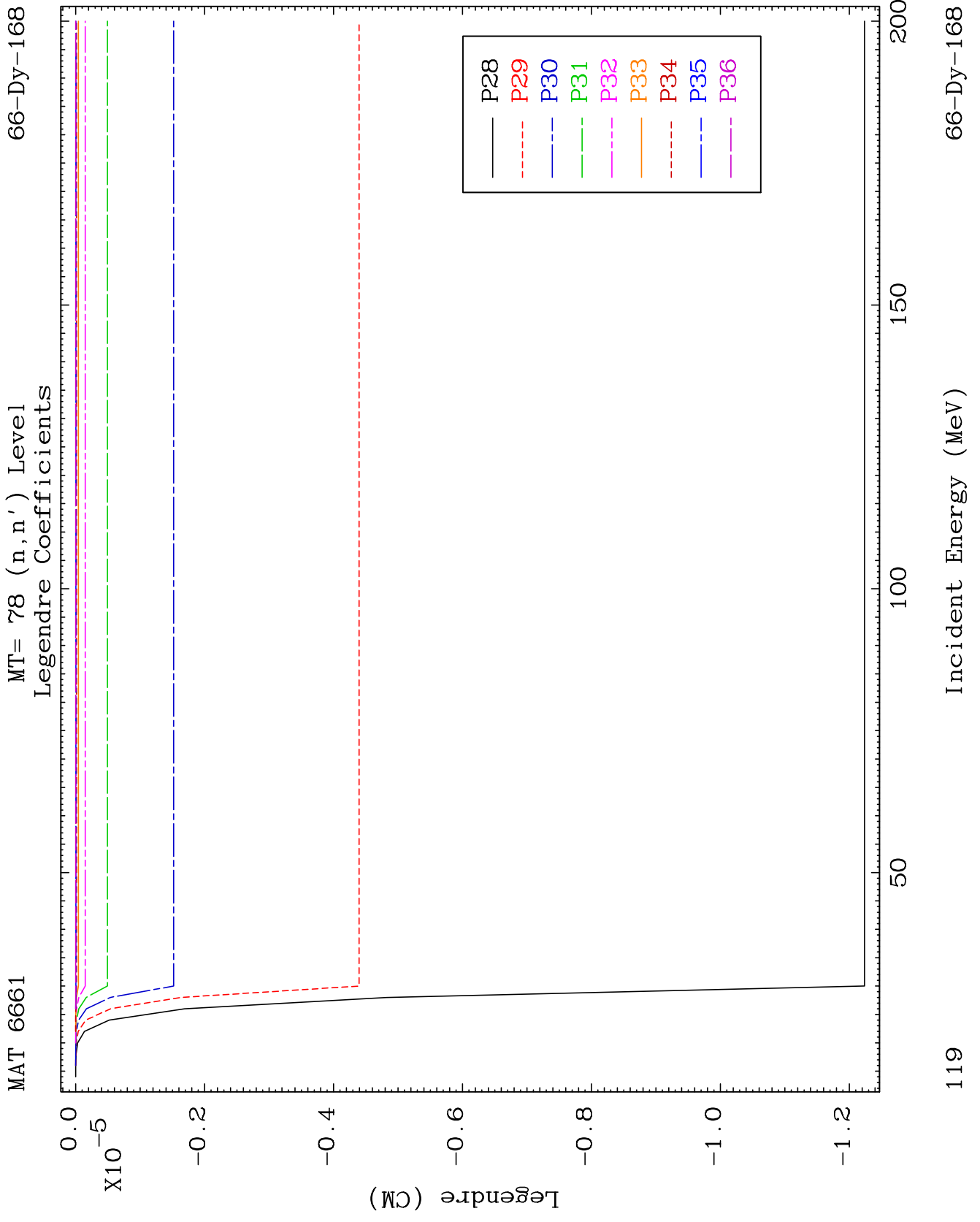
66-Dy-168



118

Incident Energy (MeV)

66-Dy-168



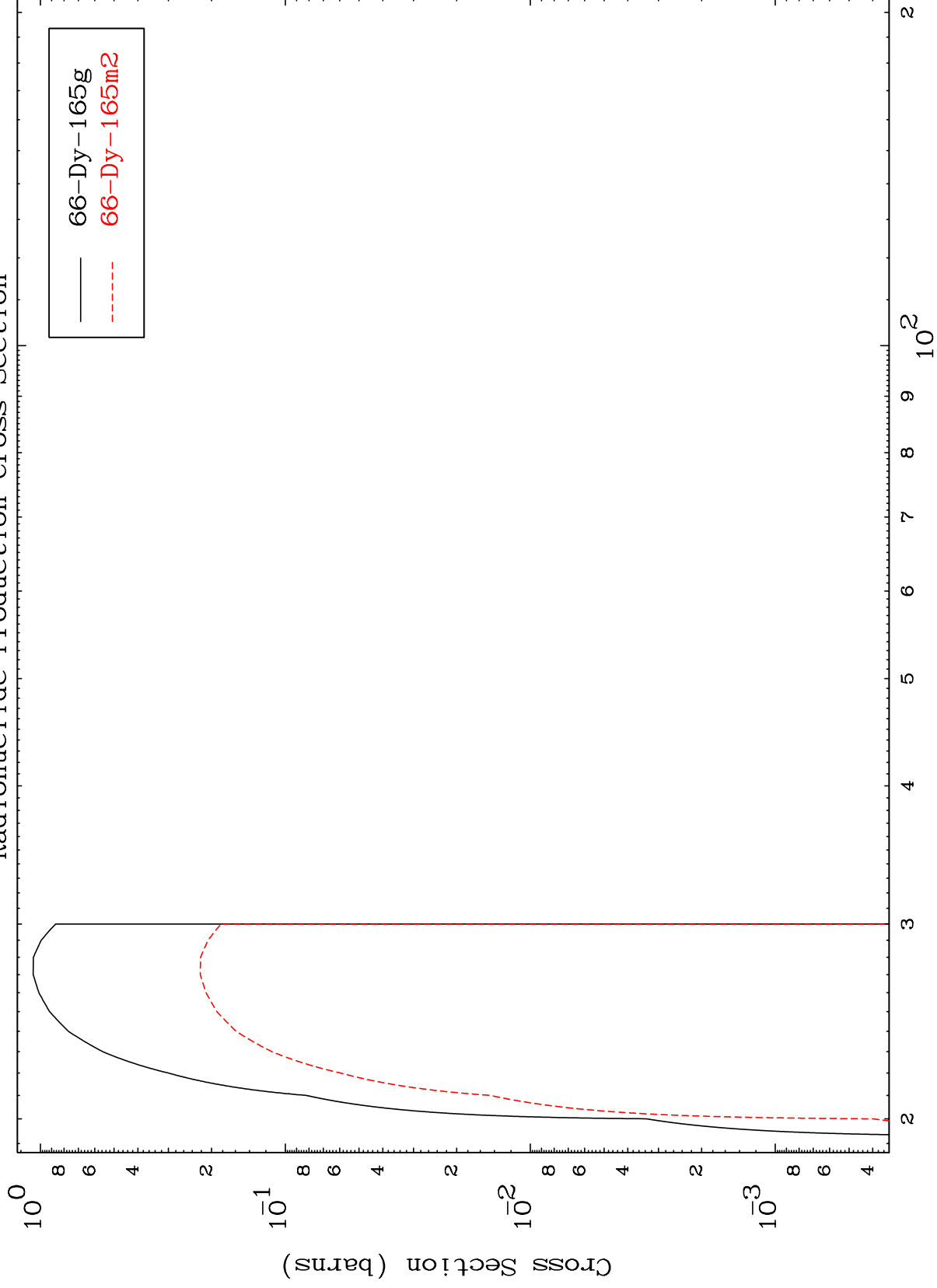


MAT 6661

(n,4n)

66-Dy-168

Radionuclide Production Cross Section



120

Incident Energy (MeV)

66-Dy-168