

Program EVALPLOT  
(Version 2018-1)

by

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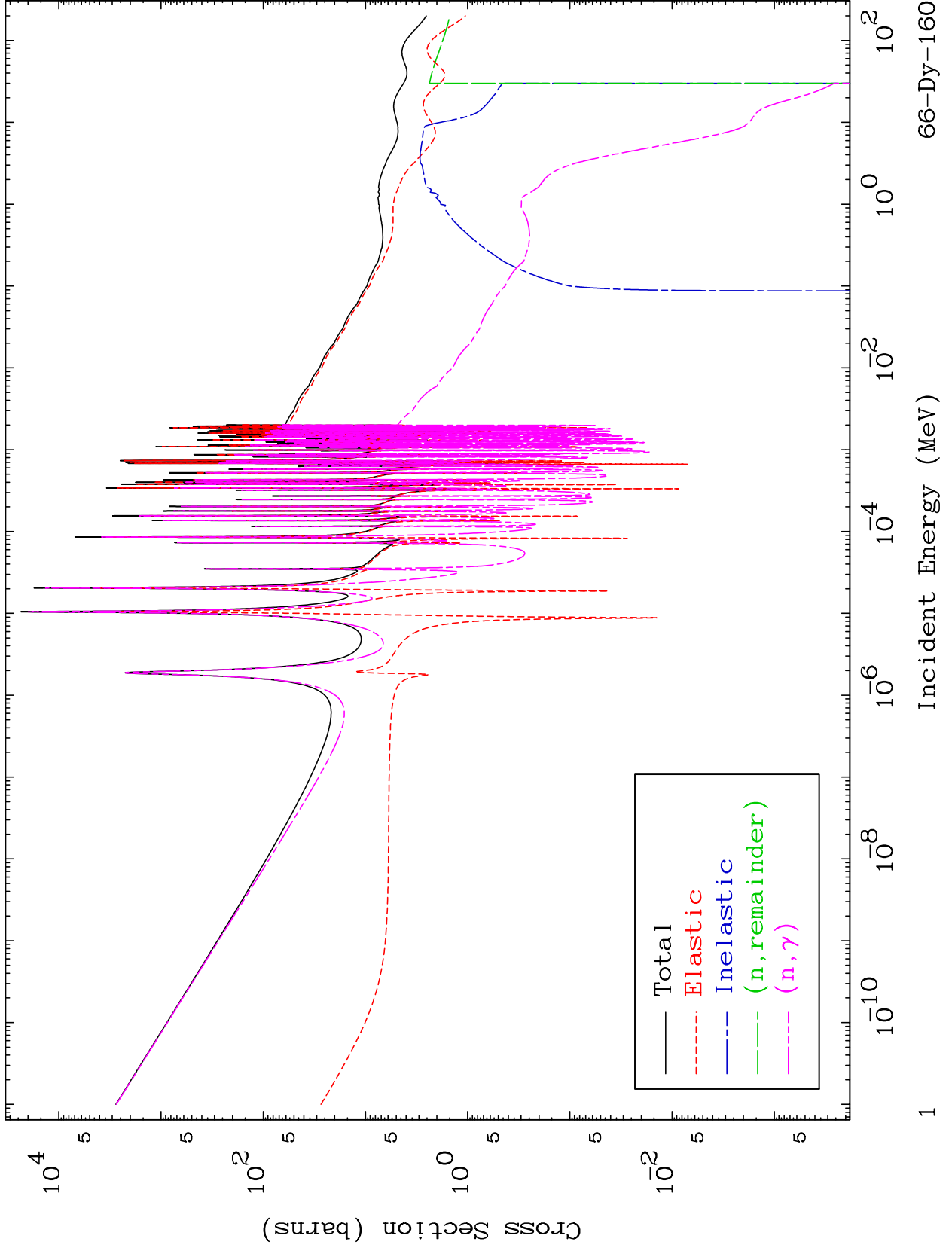
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Press Mouse Button to Start

MAT 6637

Major  
293 Kelvin Cross Sections

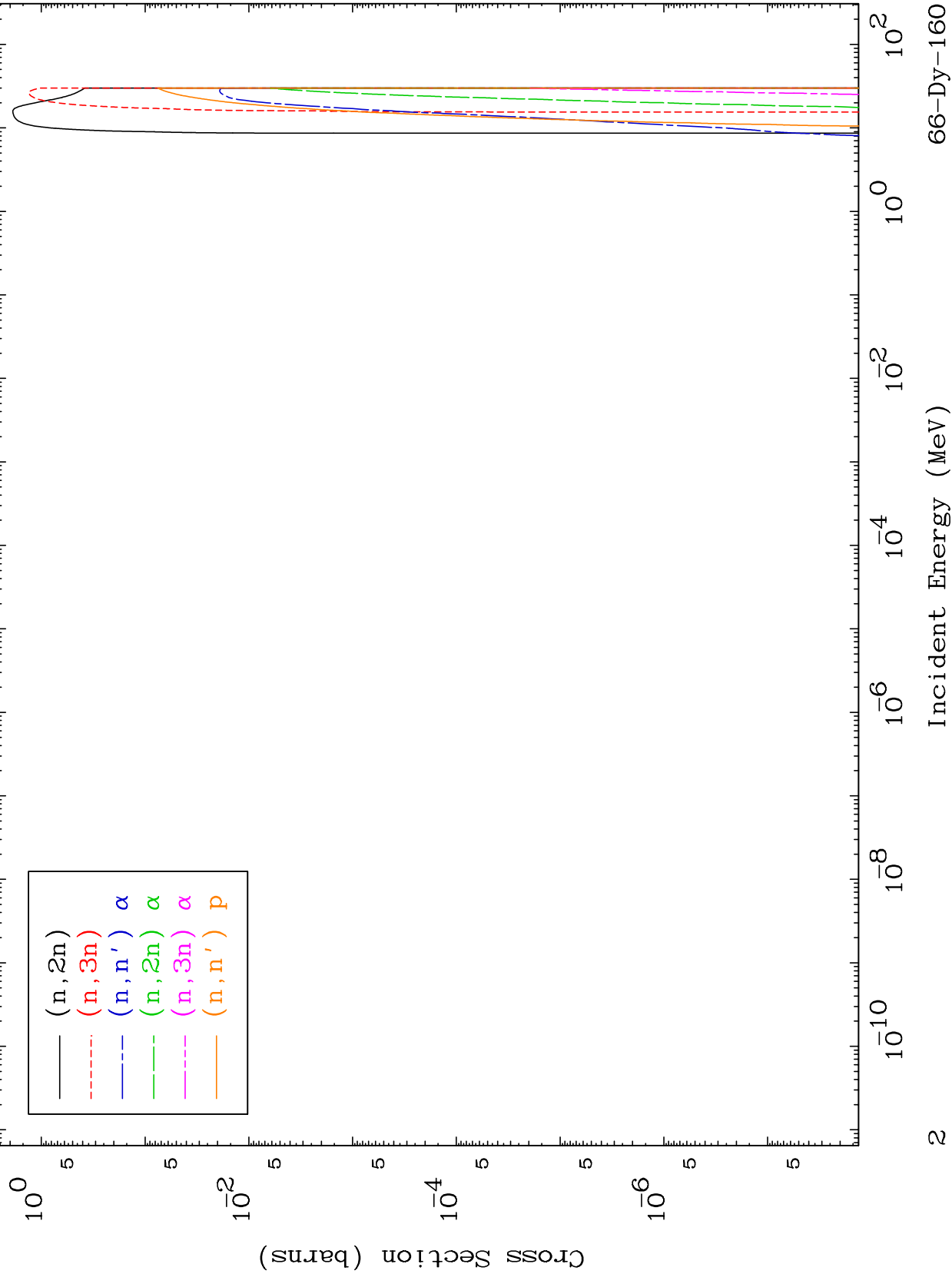
66-Dy-160

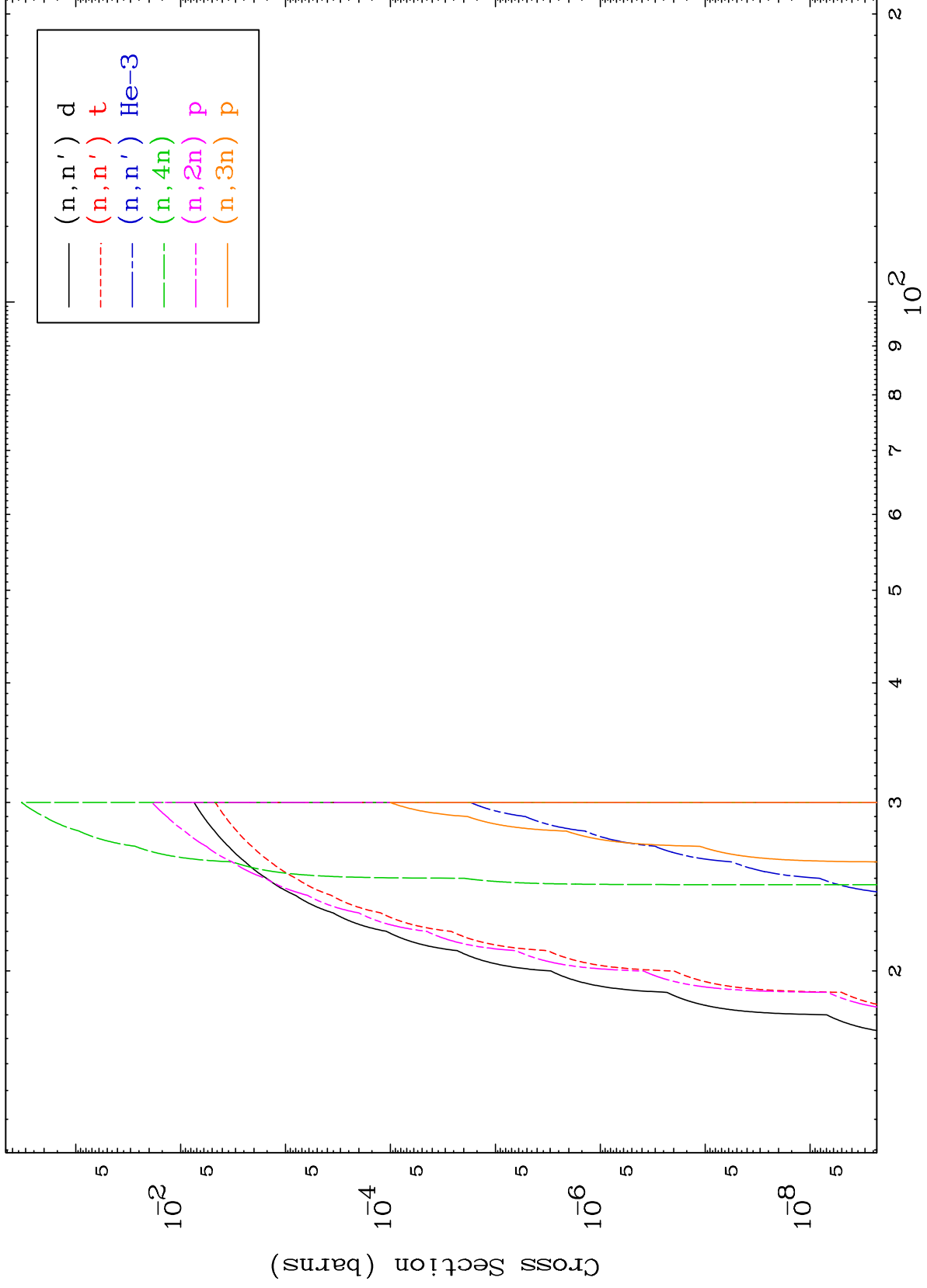


MAT 6637

Neutron Production  
293 Kelvin Cross Sections

66-Dy-160

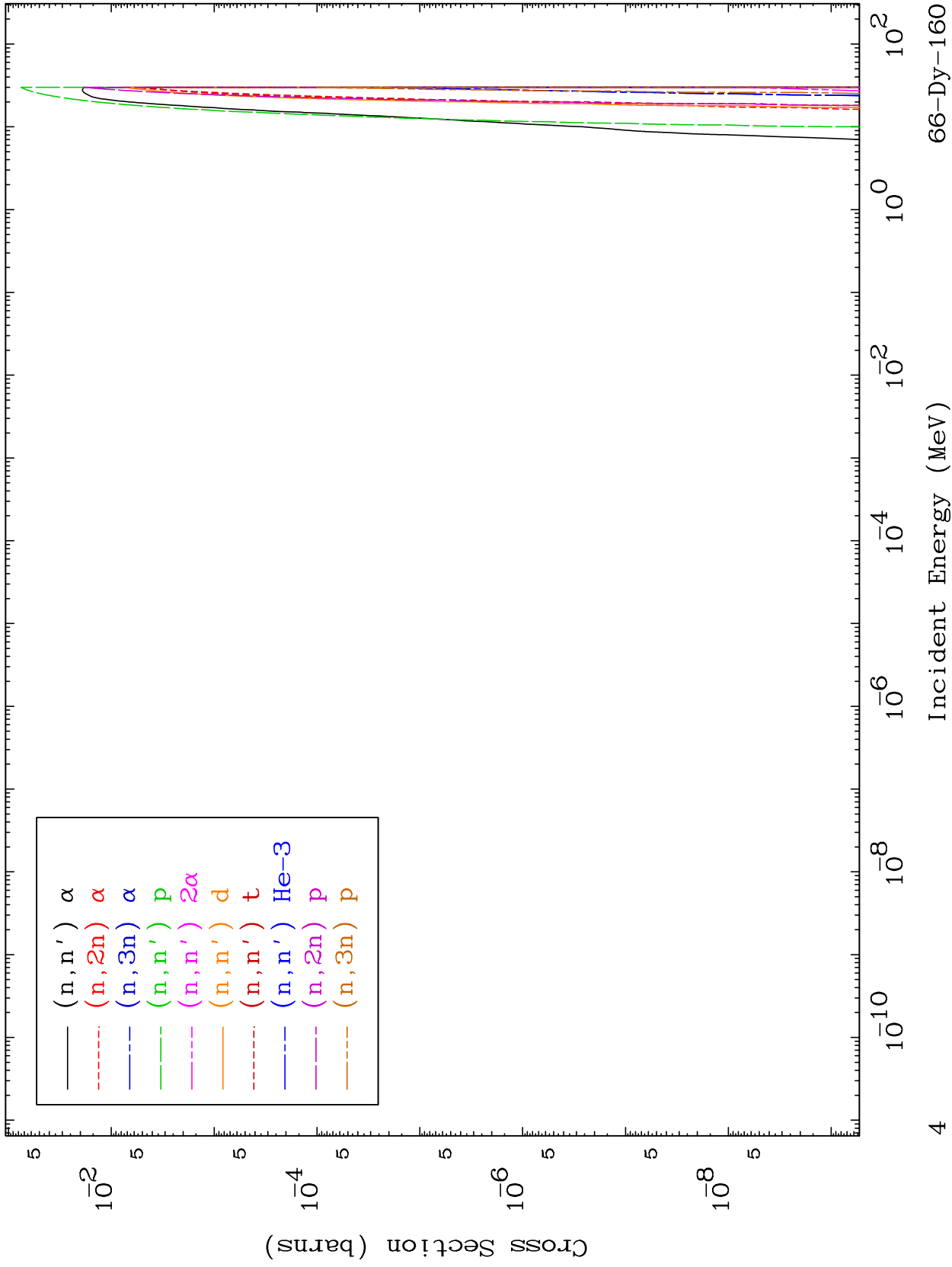




MAT 6637

Charged Particle  
293 Kelvin Cross Sections

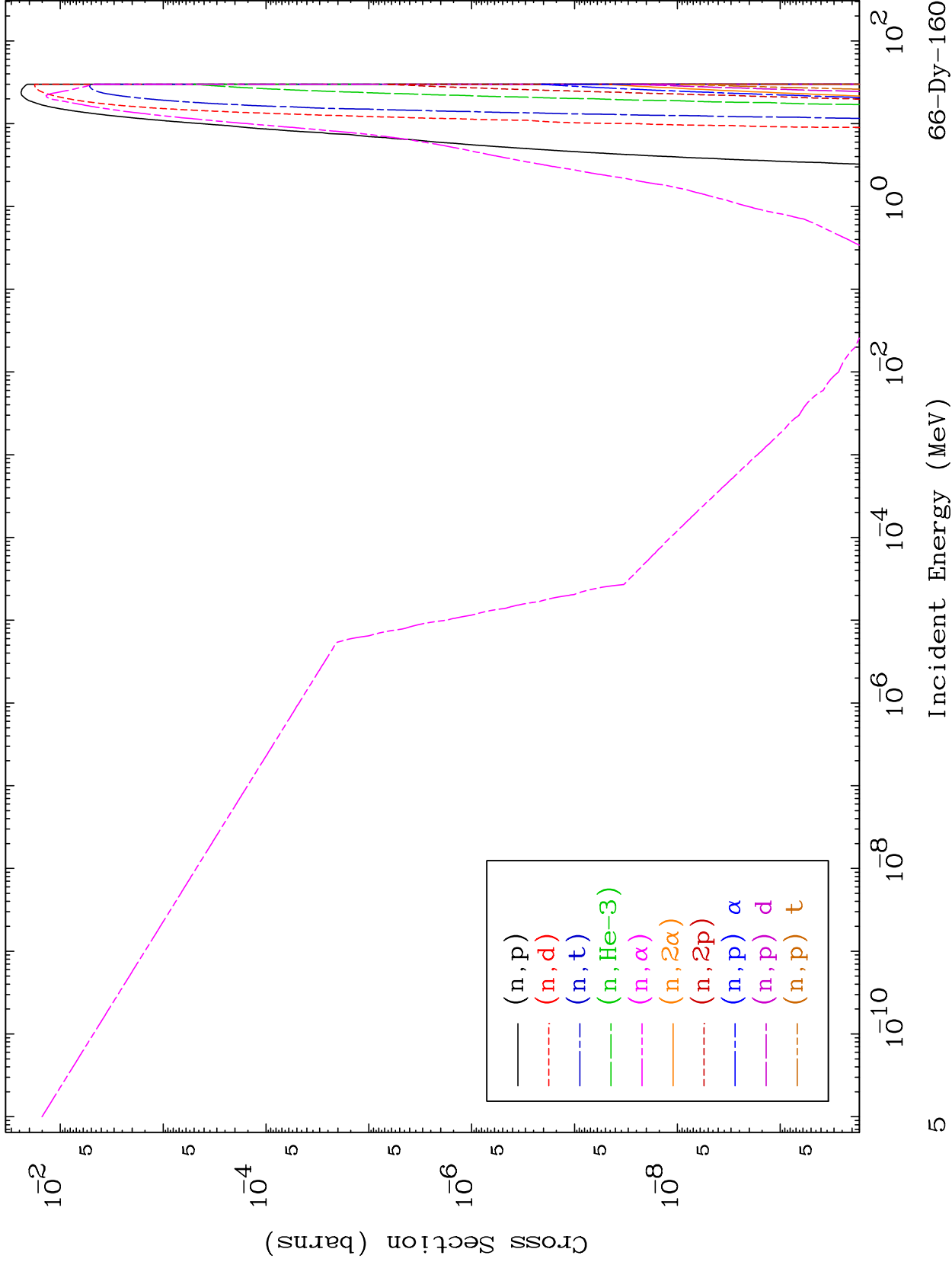
66-Dy-160



MAT 6637

Charged Particle  
293 Kelvin Cross Sections

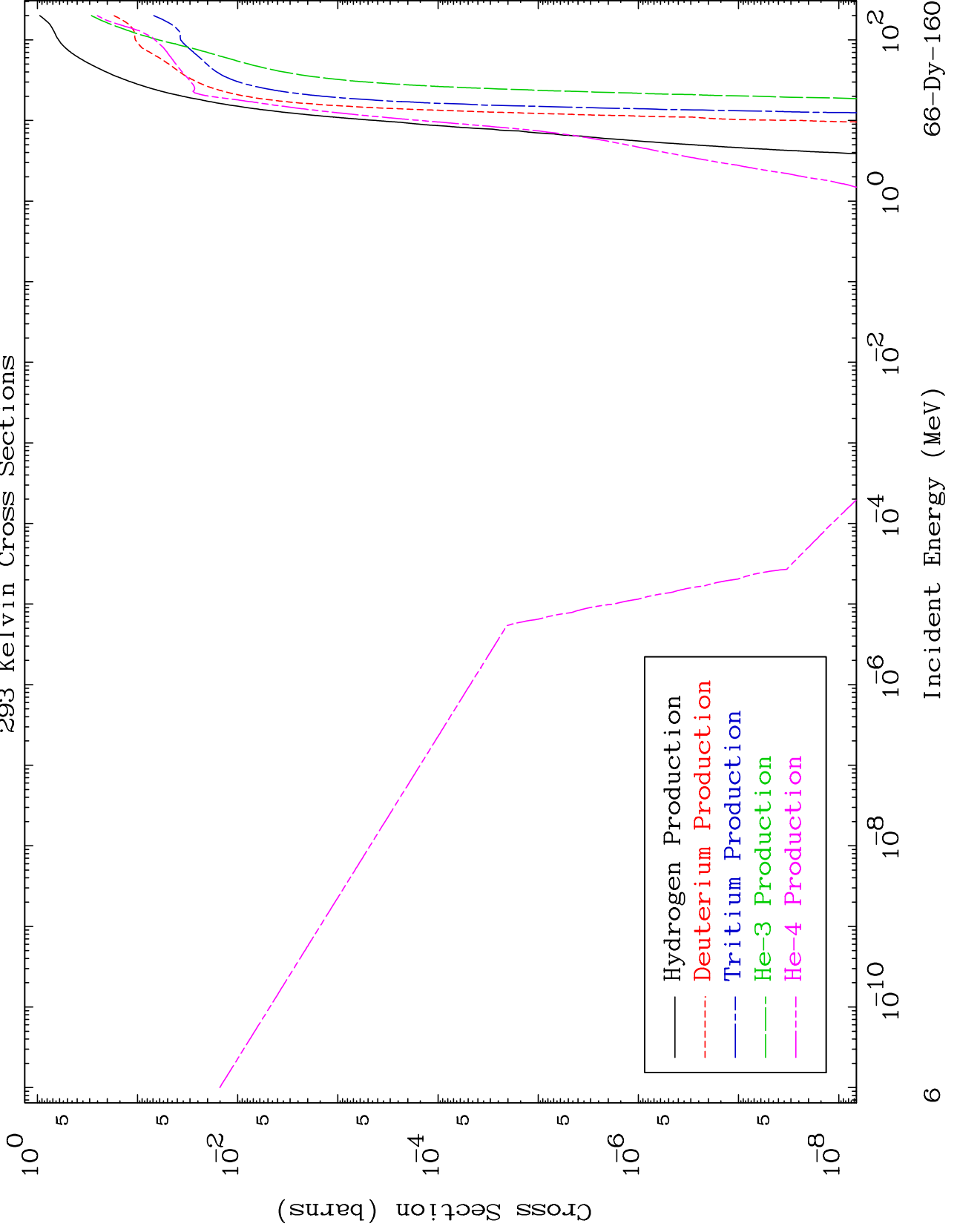
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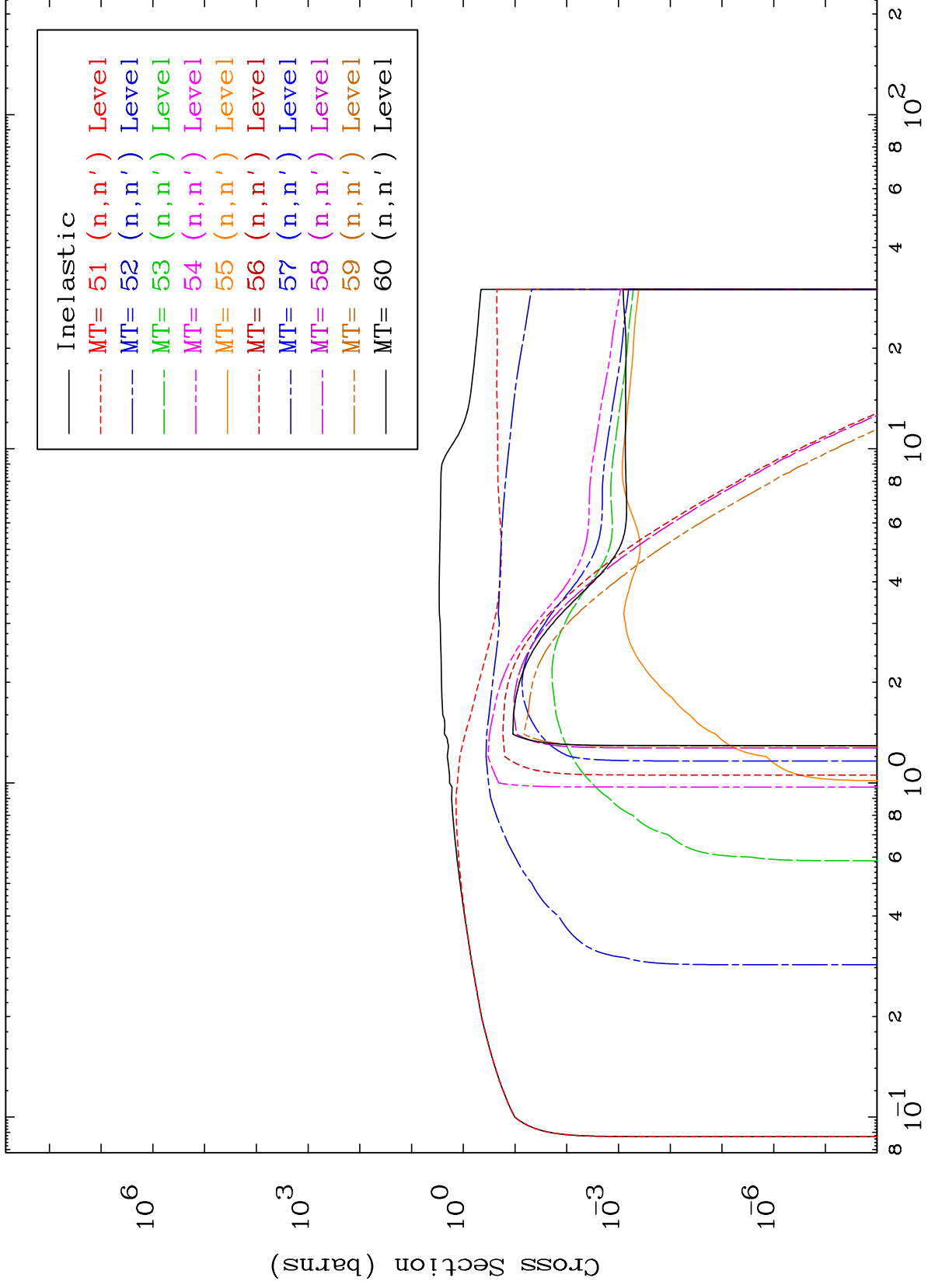
MAT 6637

Particle Production  
293 Kelvin Cross Sections

66-Dy-160



293 Kelvin Cross Sections



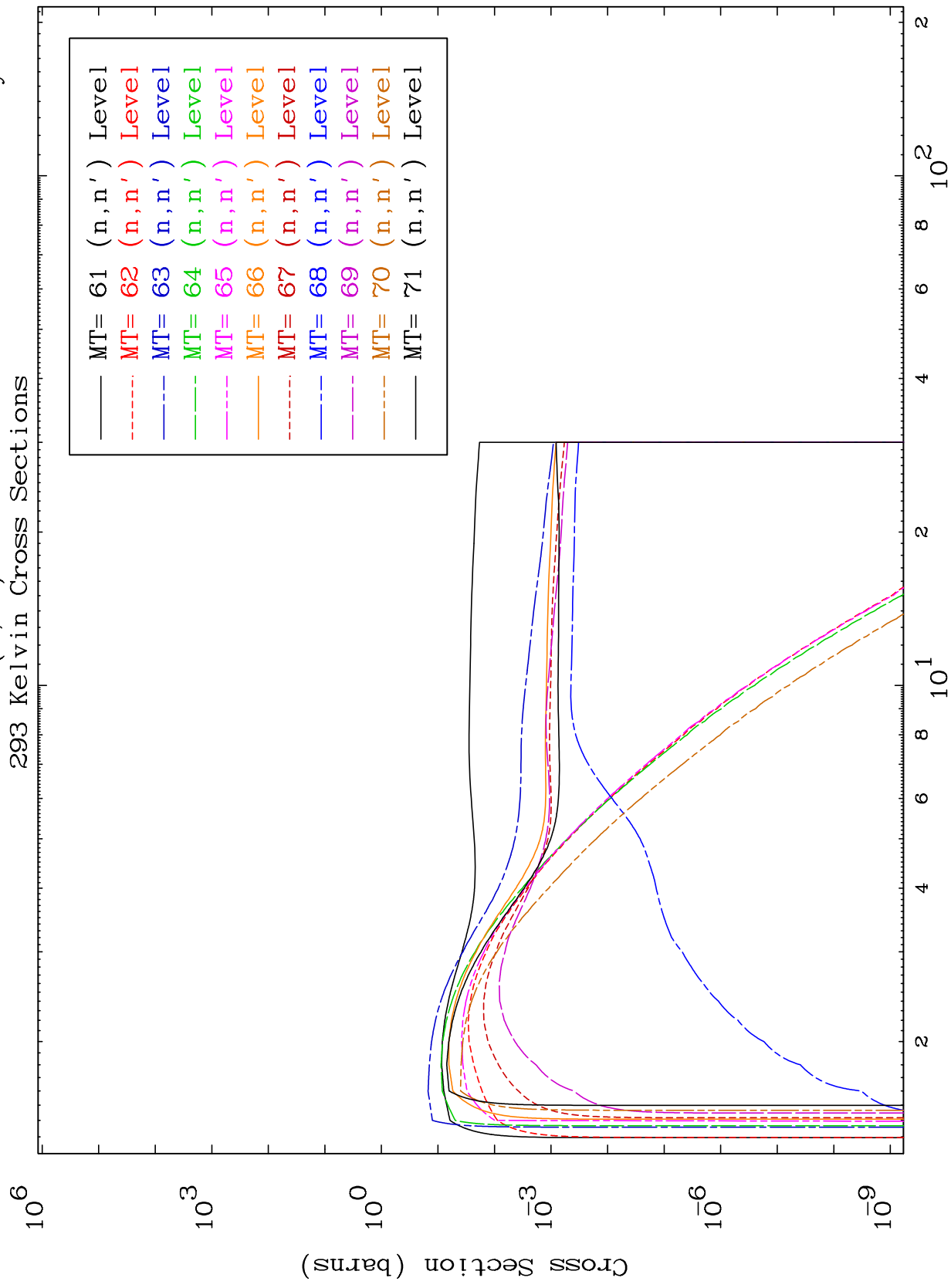


MAT 6637

(n,n') Level

66-Dy-160

293 Kelvin Cross Sections



8

Incident Energy (MeV)

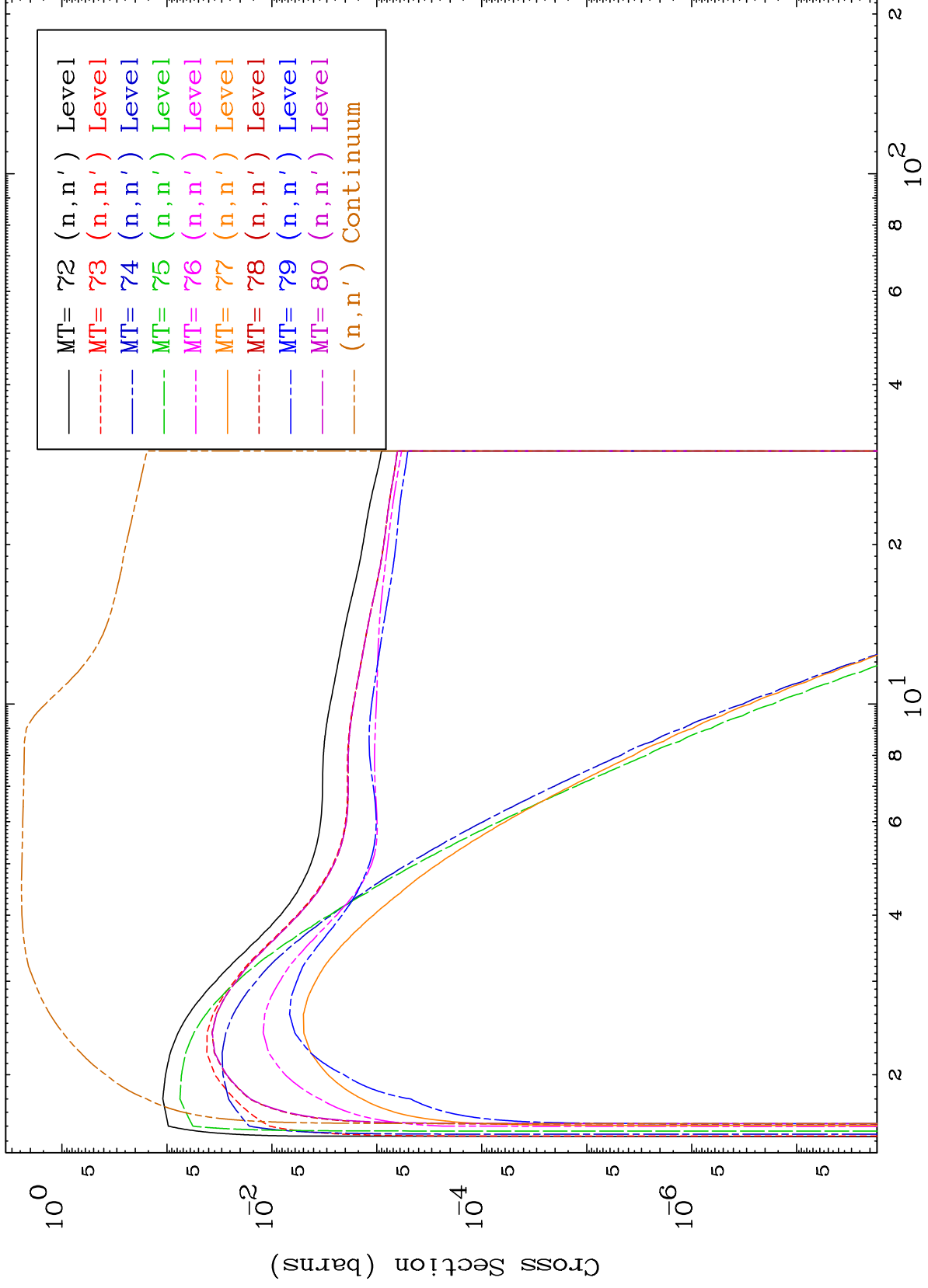
66-Dy-160

MAT 6637

(n,n') Level

66-Dy-160

293 Kelvin Cross Sections



9

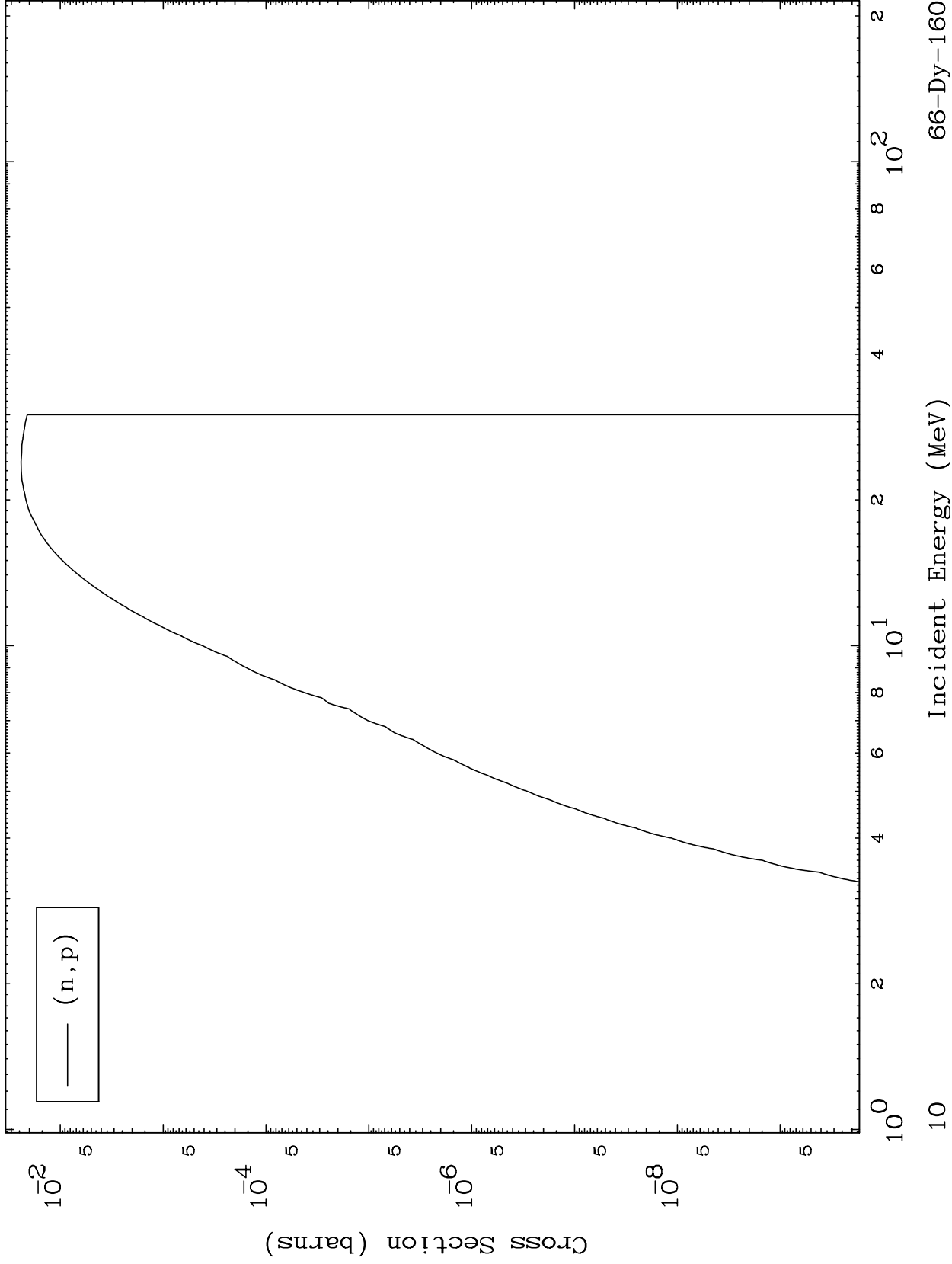
Incident Energy (MeV)

66-Dy-160

MAT 6637

(n,p) Levels  
293 Kelvin Cross Sections

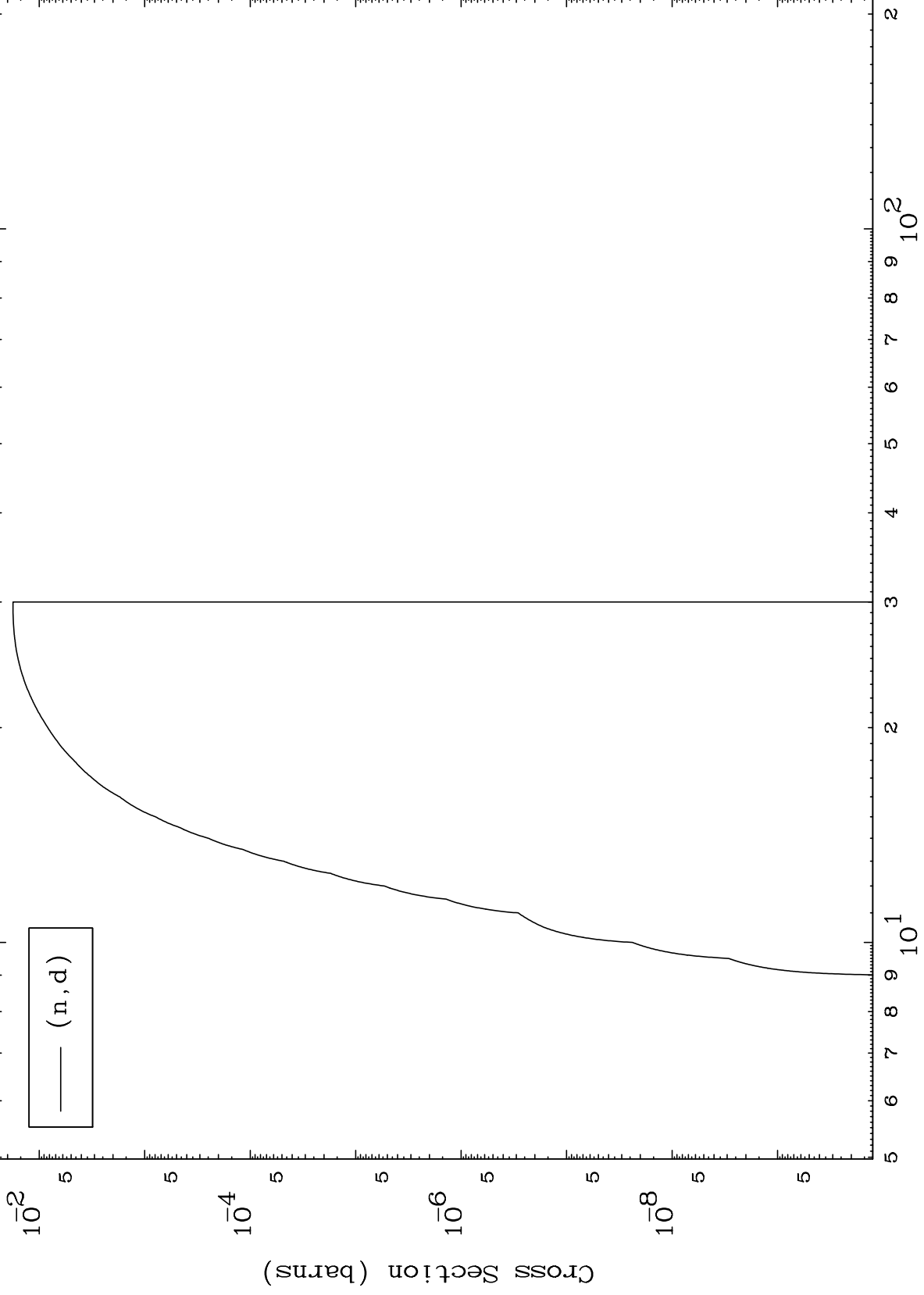
66-Dy-160



MAT 6637

(n,d) Levels  
293 Kelvin Cross Sections

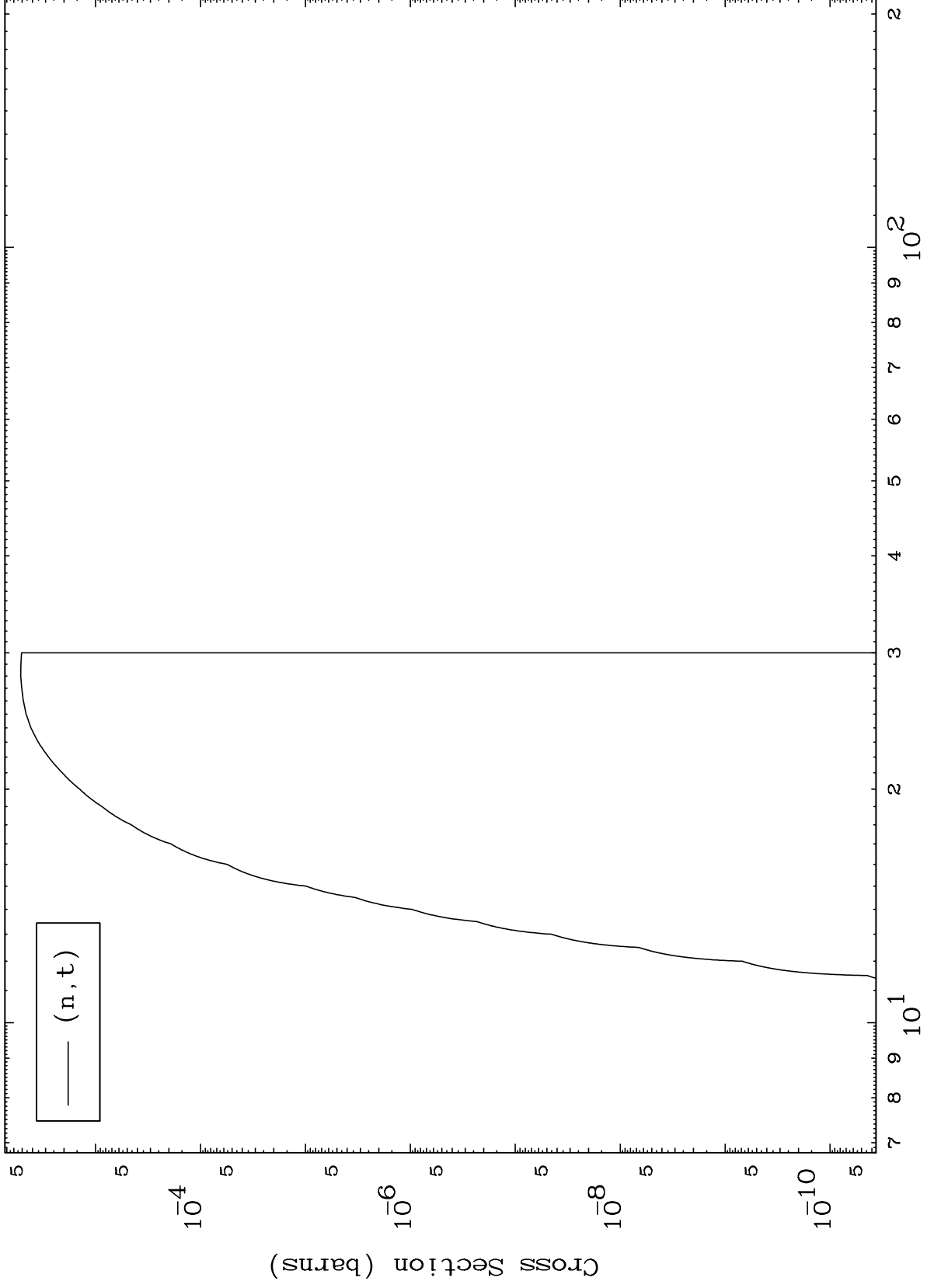
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MAT 6637

(n,t) Levels  
293 Kelvin Cross Sections

66-Dy-160



12

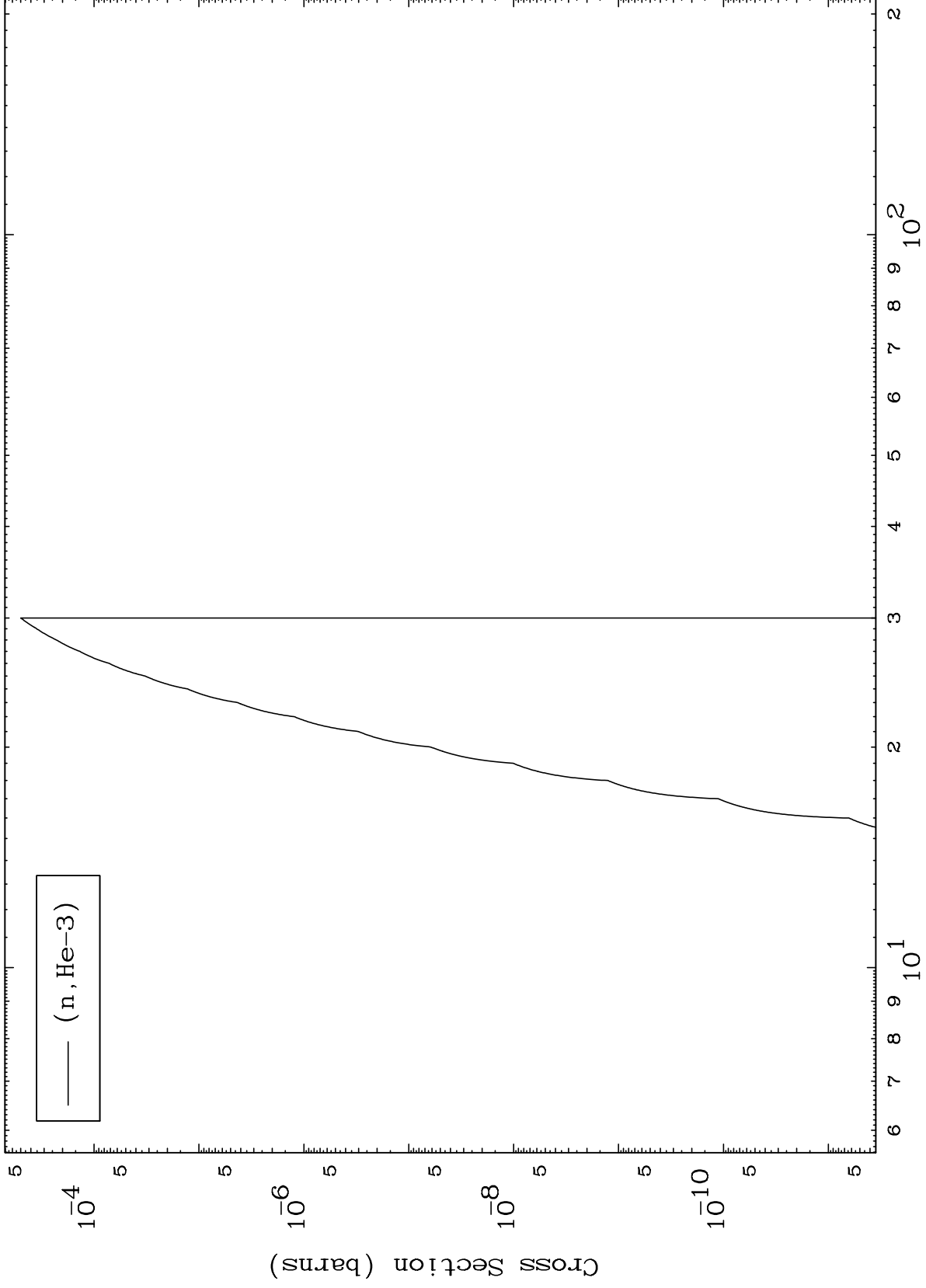
Incident Energy (MeV)

66-Dy-160

MAT 6637

(n,He3) Levels  
293 Kelvin Cross Sections

66-Dy-160



13

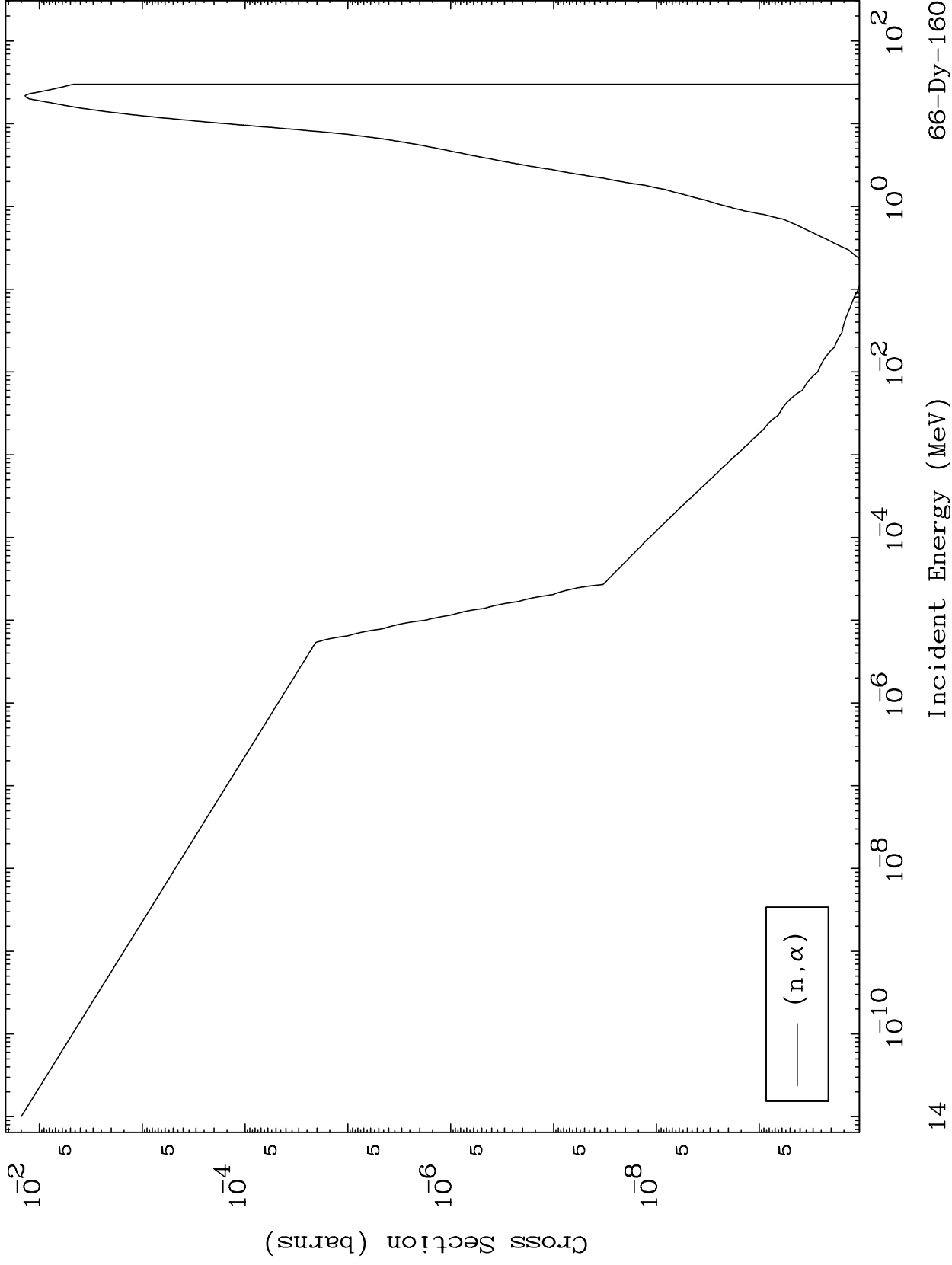
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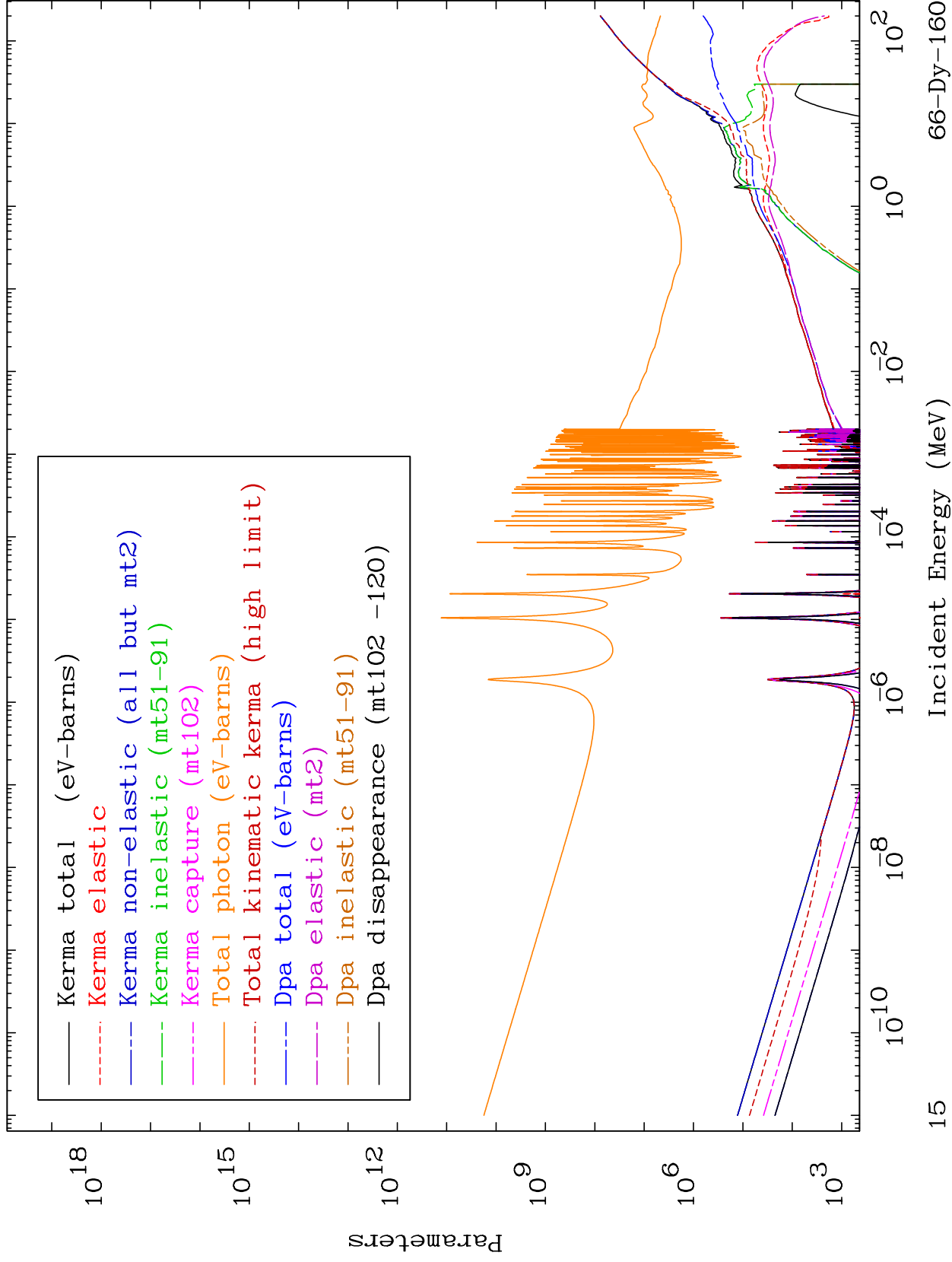
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MAT 6637

(n,α) Levels  
293 Kelvin Cross Sections

66-Dy-160



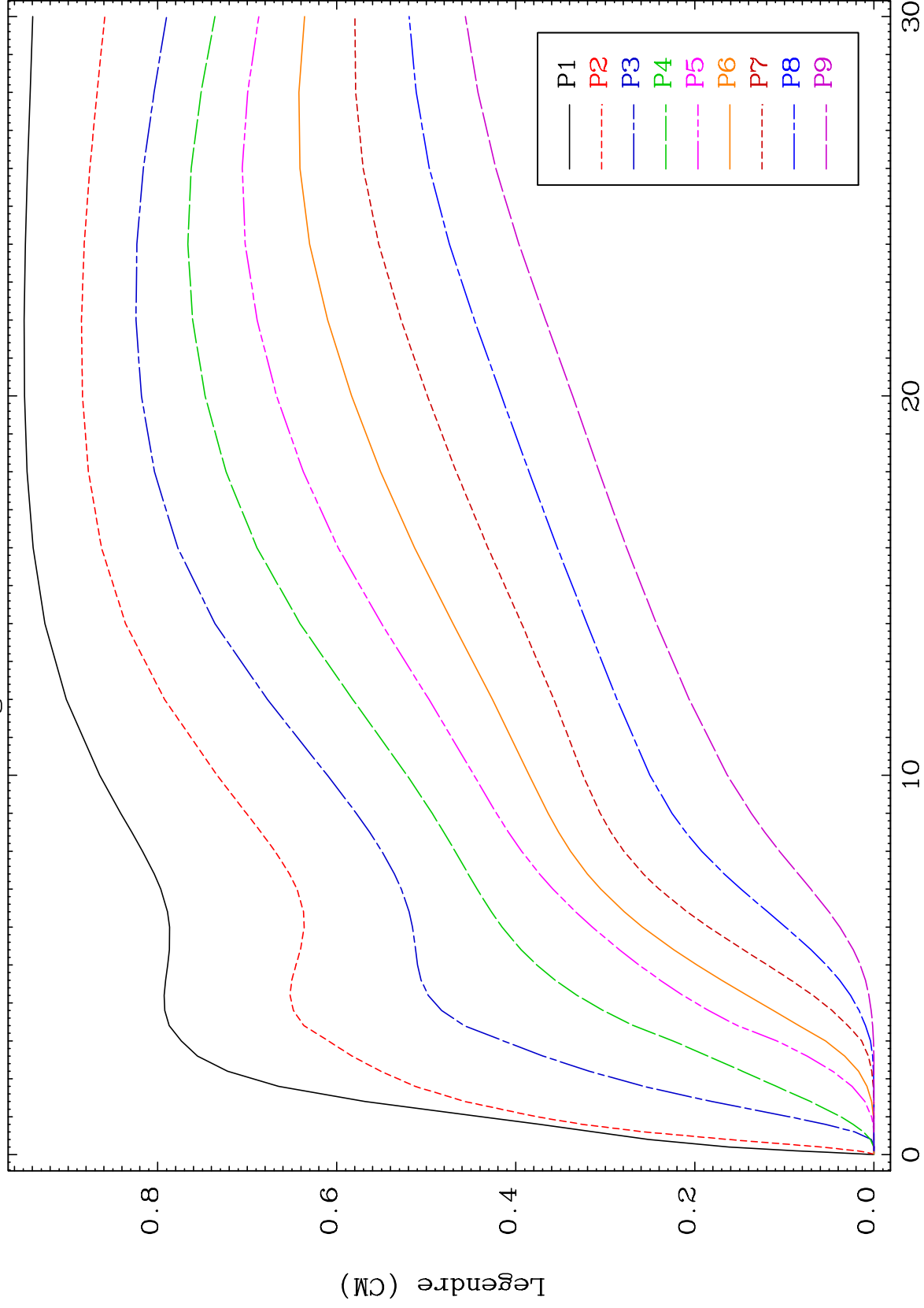




MAT 6637

Elastic Legendre Coefficients

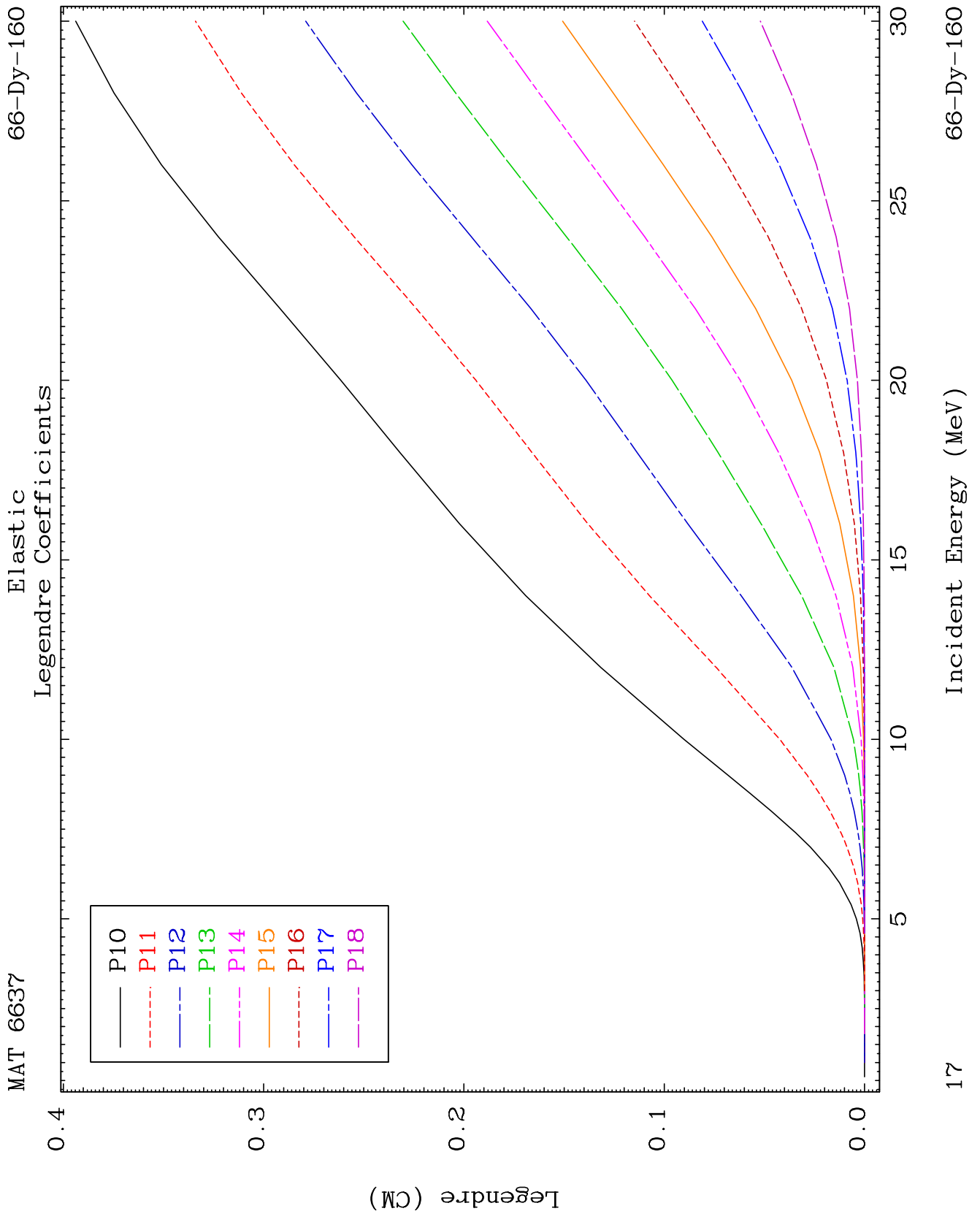
66-Dy-160



16

Incident Energy (MeV)

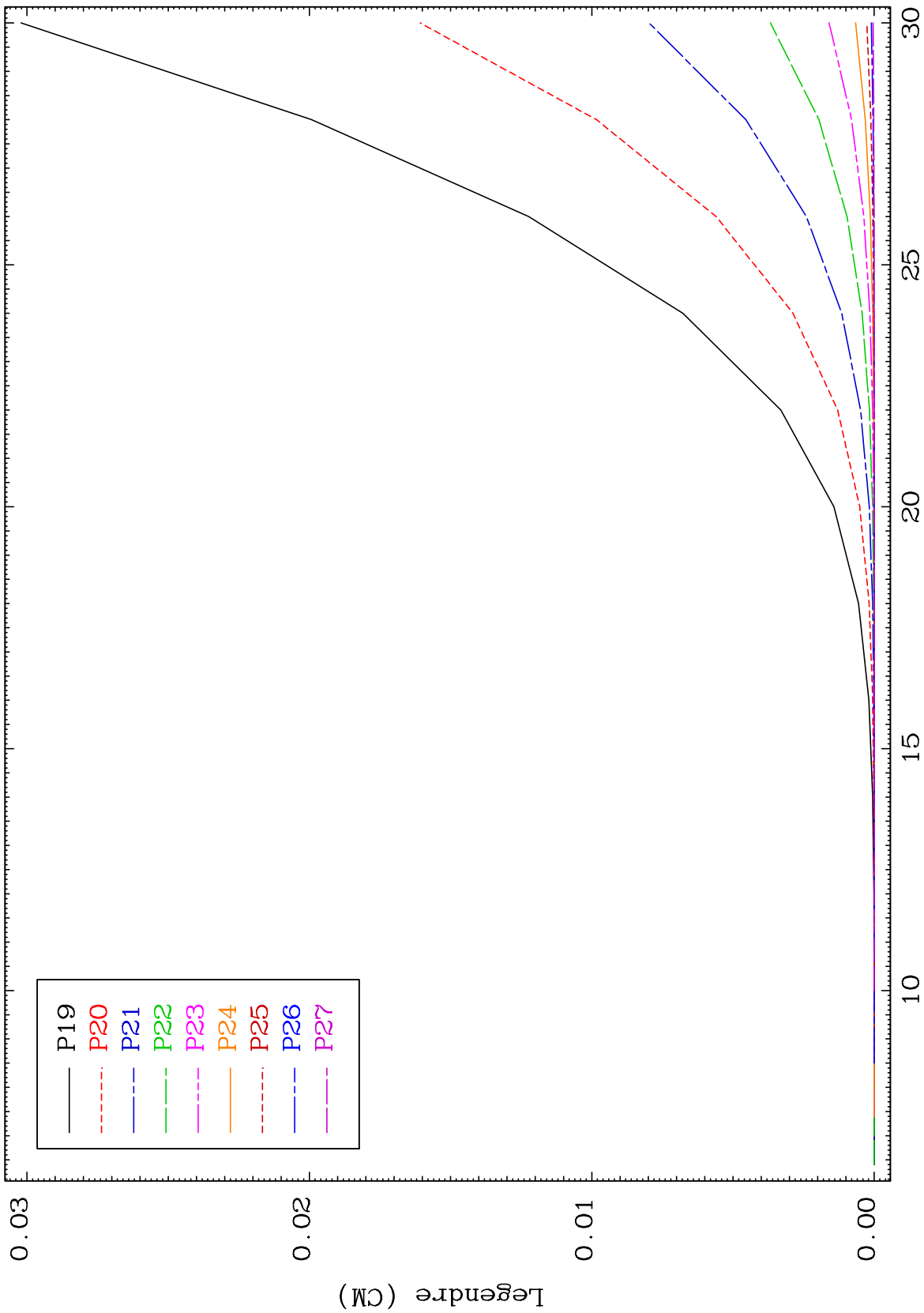
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MAT 6637

Elastic  
Legendre Coefficients

66-Dy-160



18

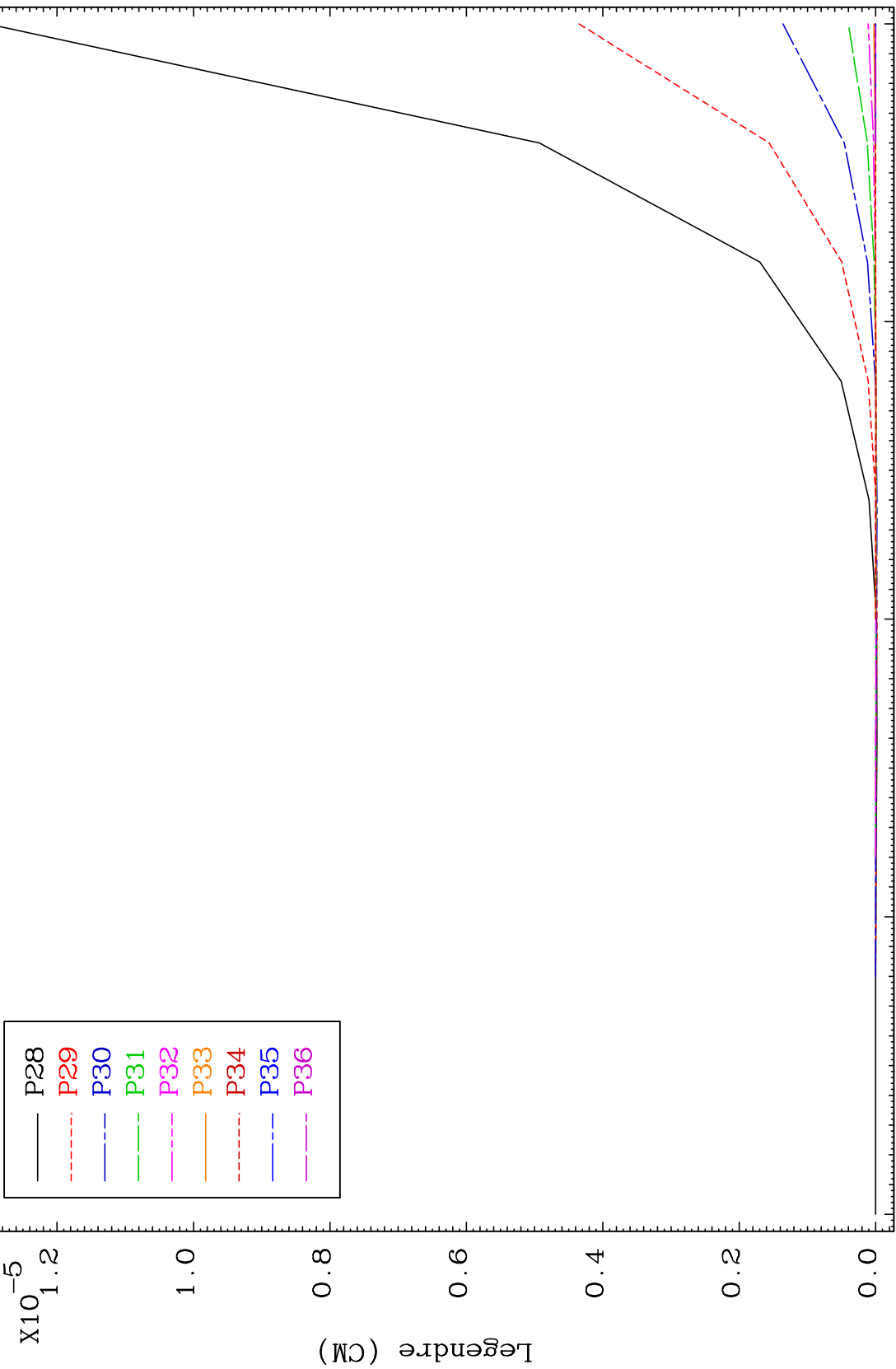
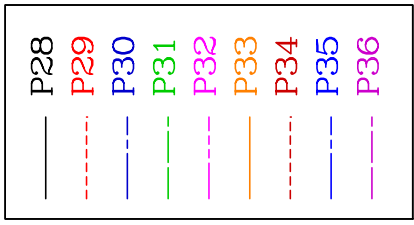
Incident Energy (MeV)

66-Dy-160

MAT 6637

Elastic Legendre Coefficients

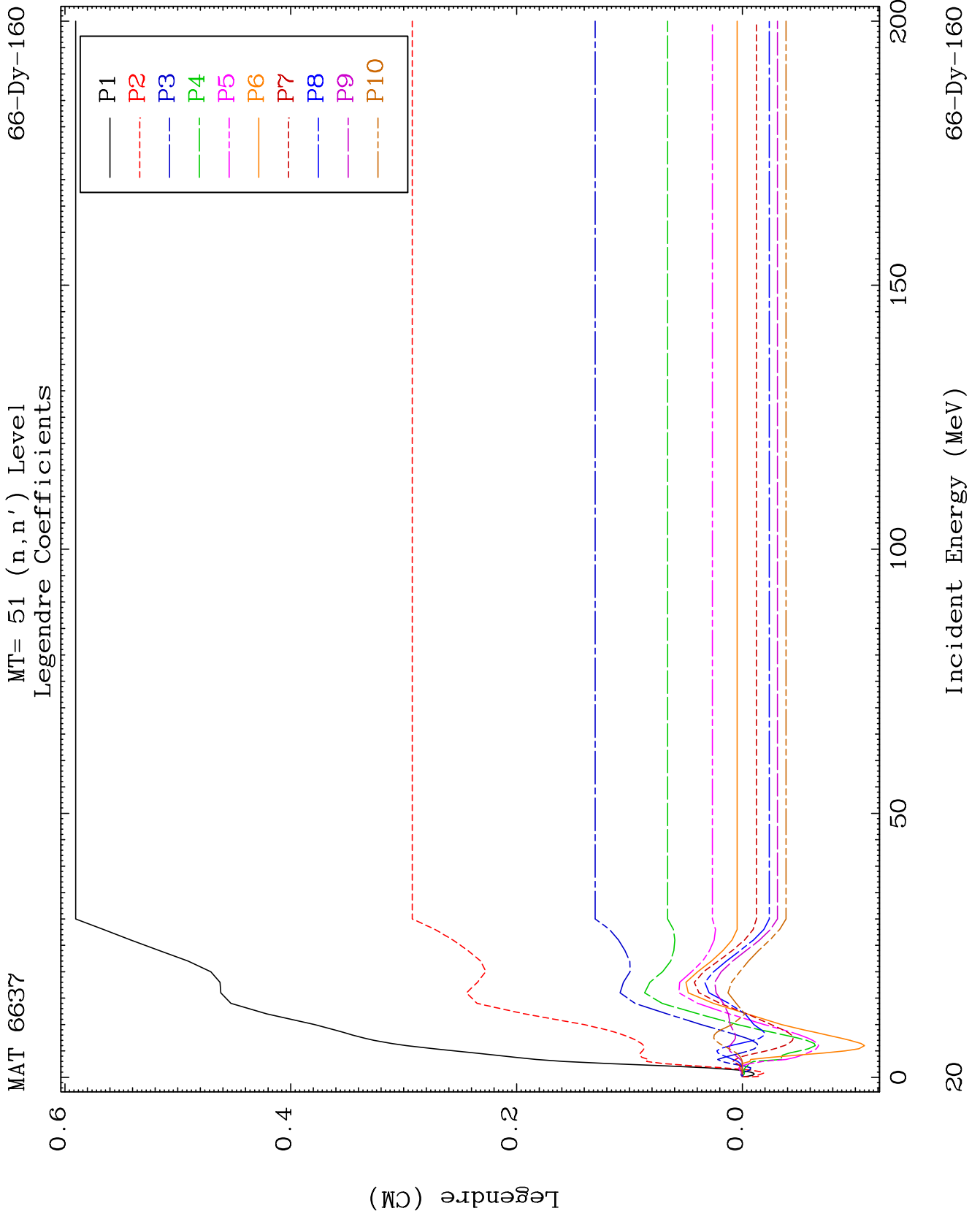
66-Dy-160



19

Incident Energy (MeV)

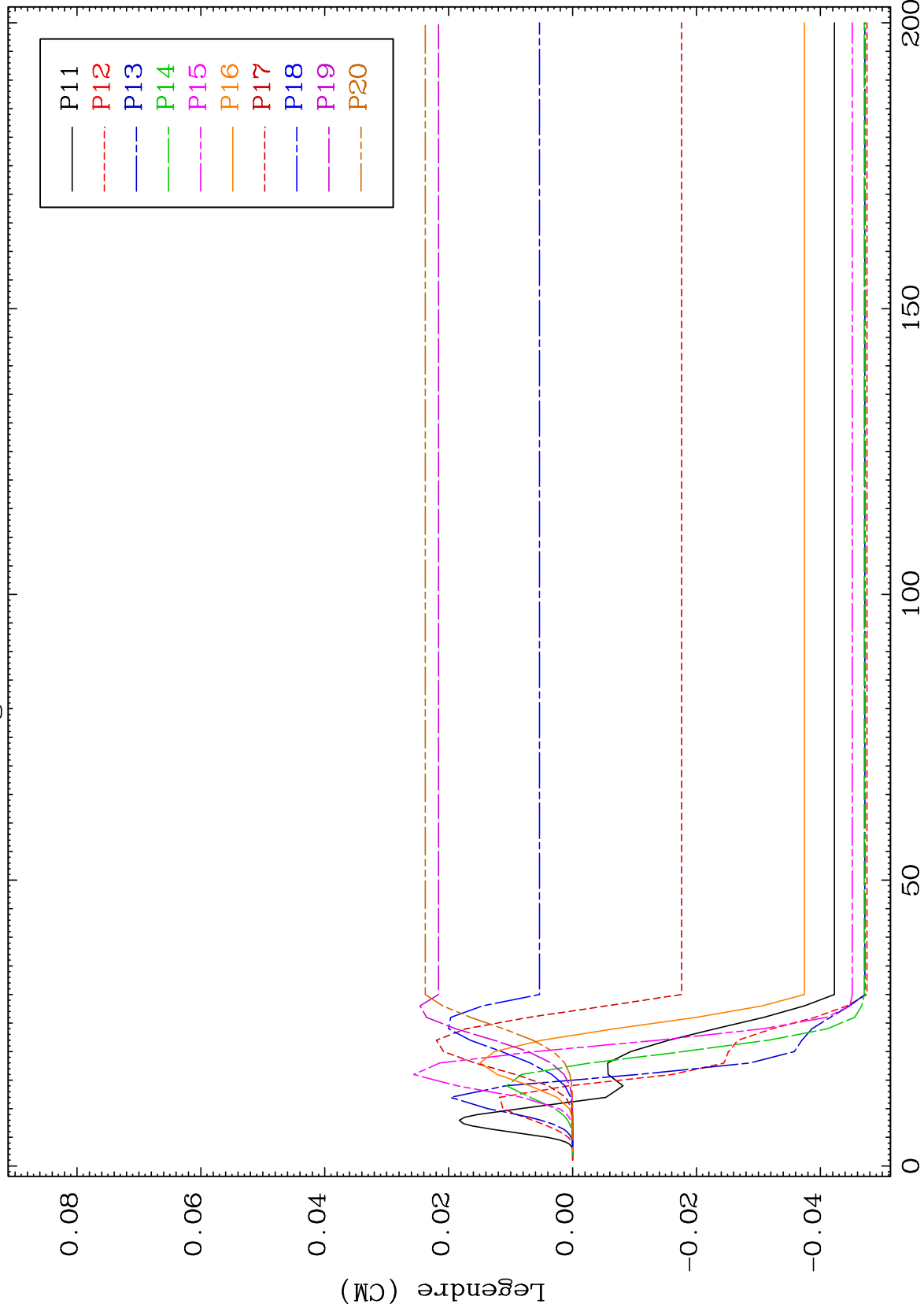
66-Dy-160



MAT 6637

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

66-Dy-160



21

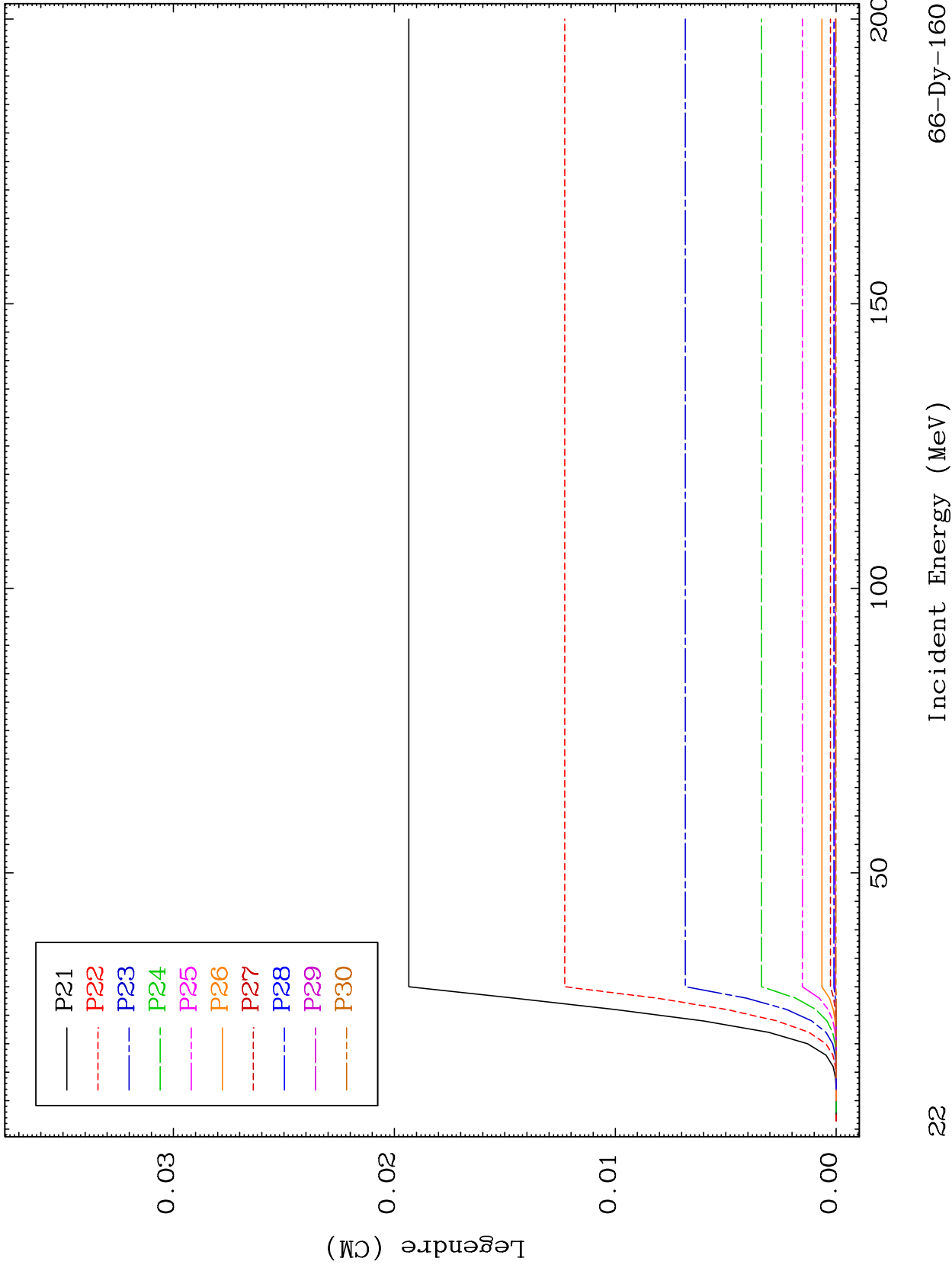
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



22

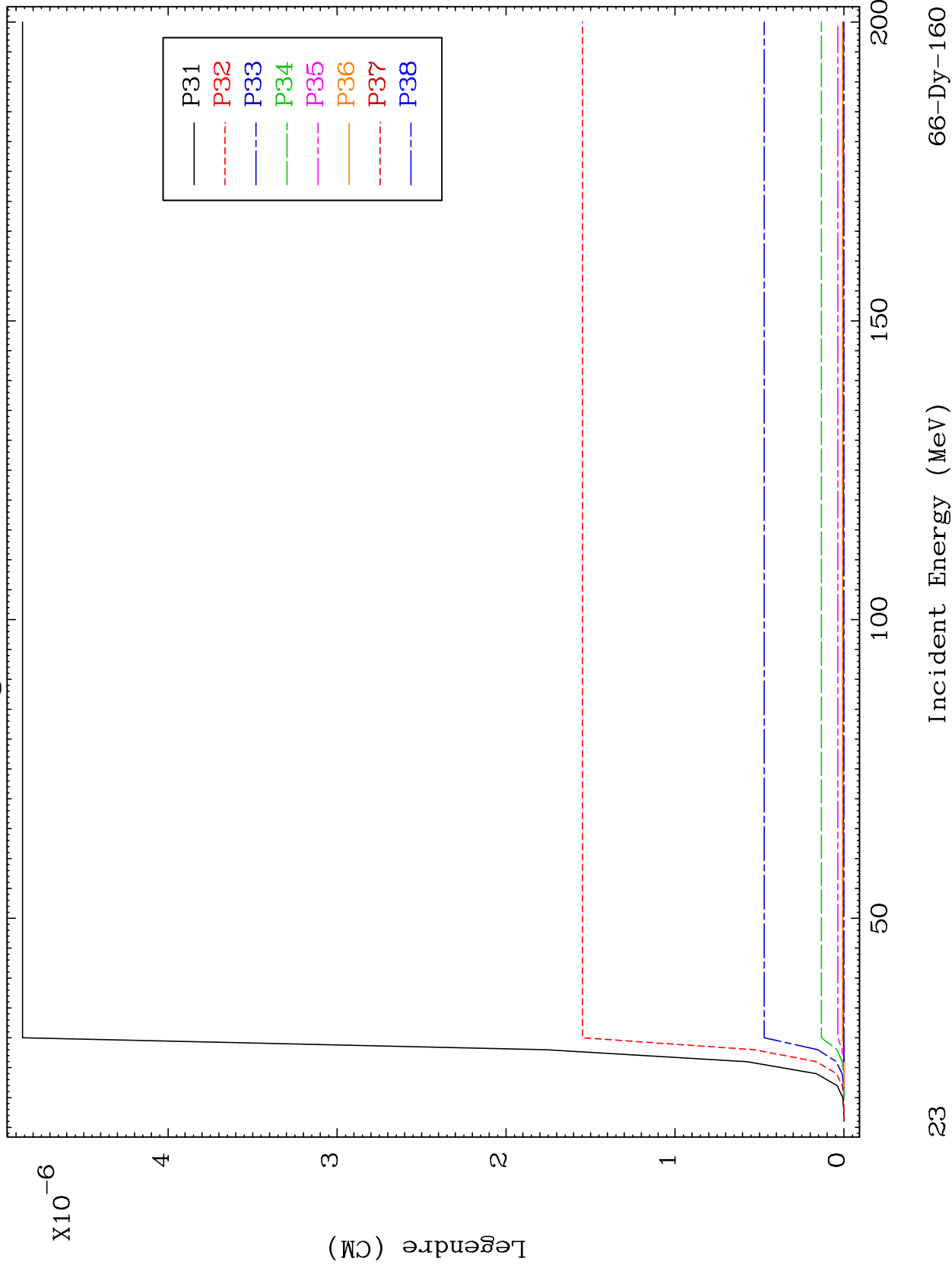
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



23

Incident Energy (MeV)

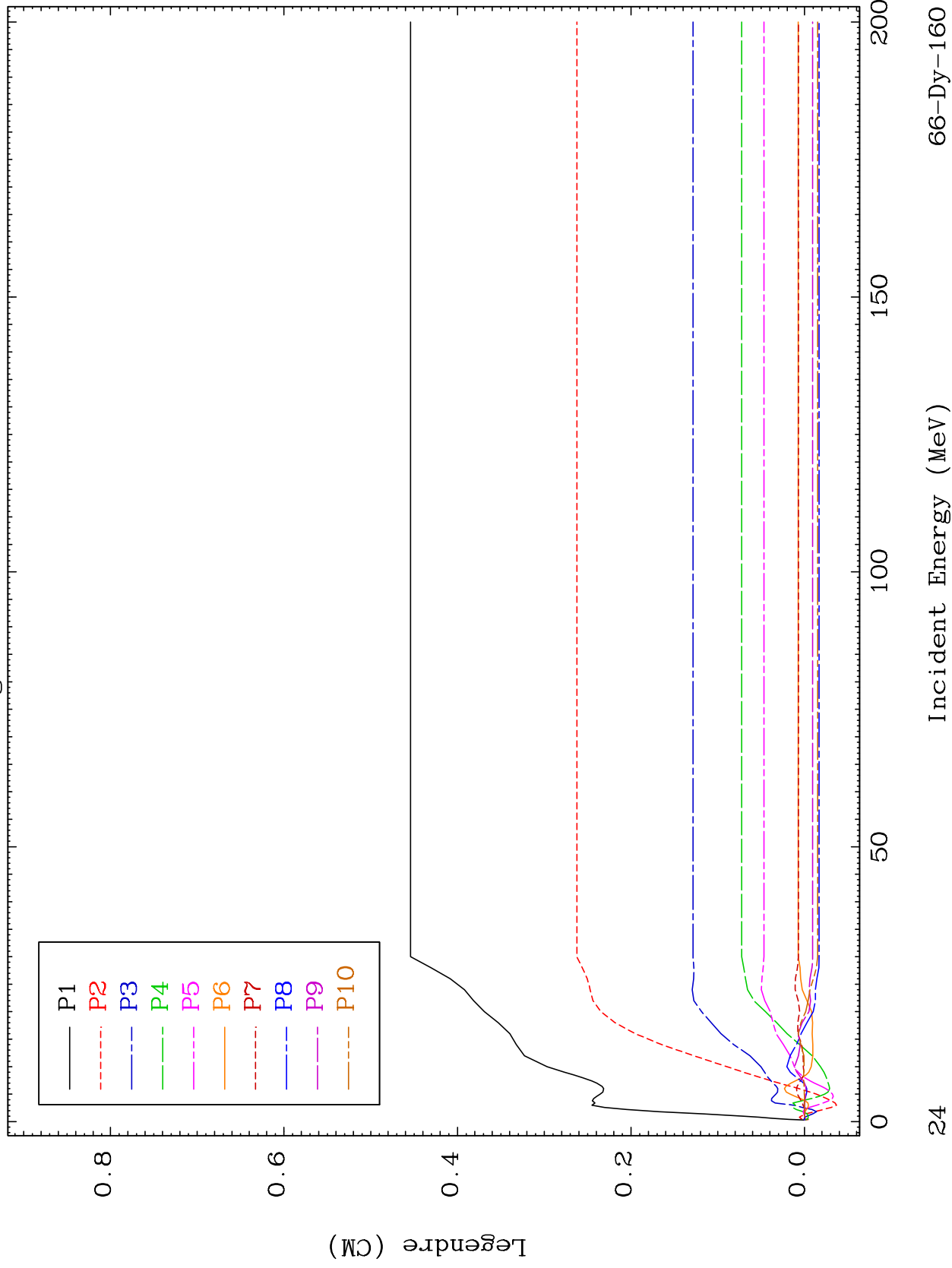
66-Dy-160



MAT 6637

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

66-Dy-160



24

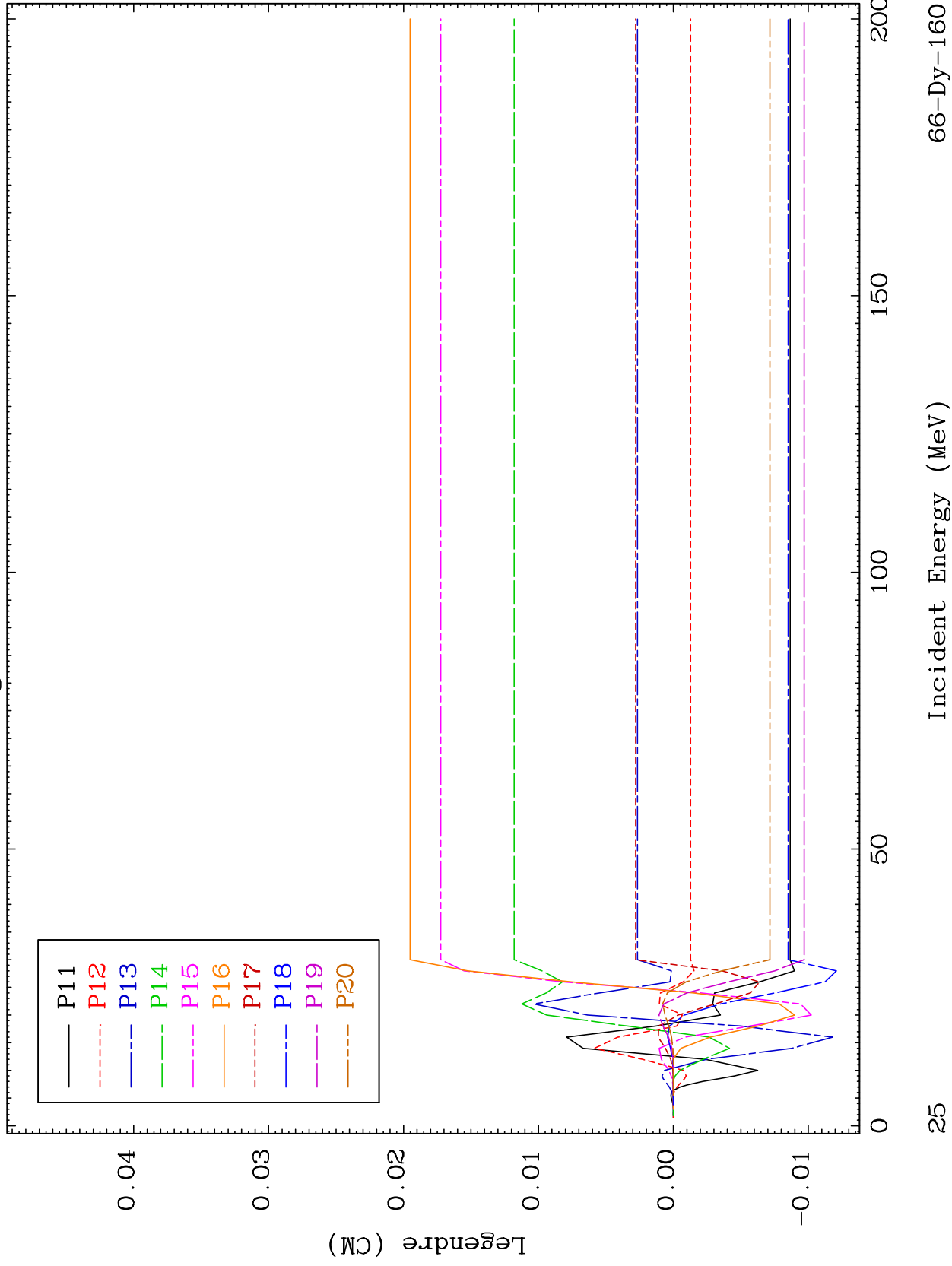
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

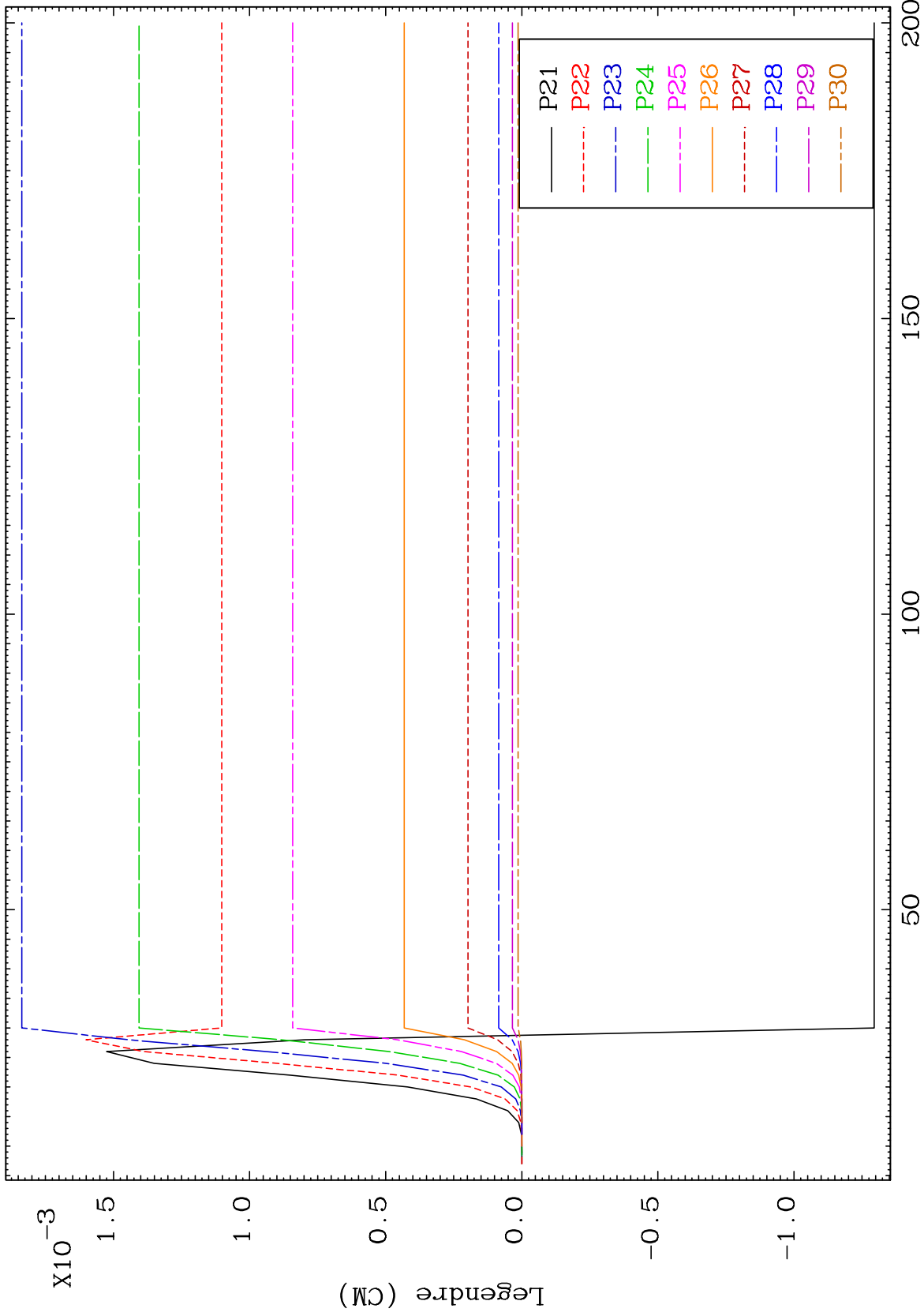
66-Dy-160



66-Dy-160

Incident Energy (MeV)

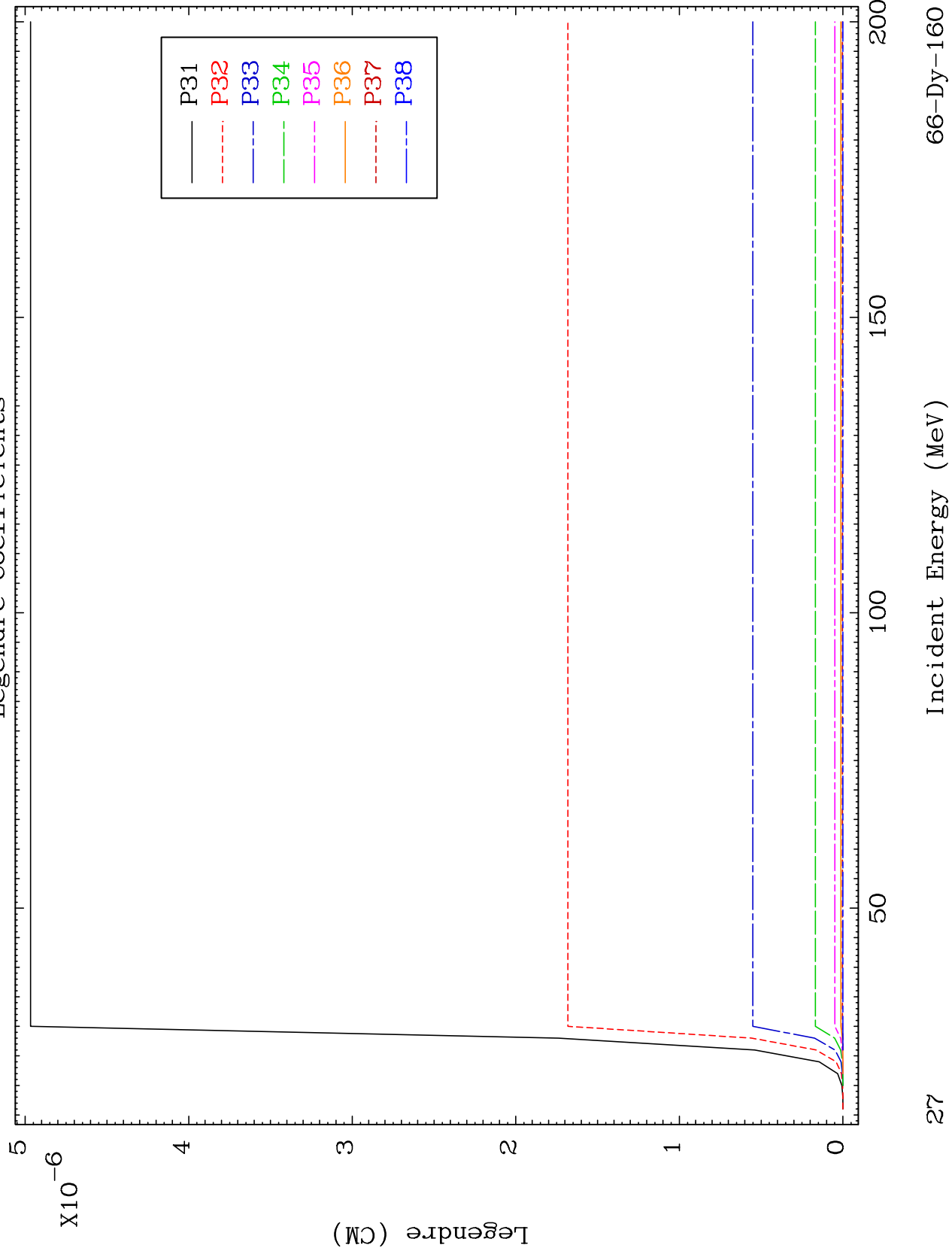
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MAT 6637

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

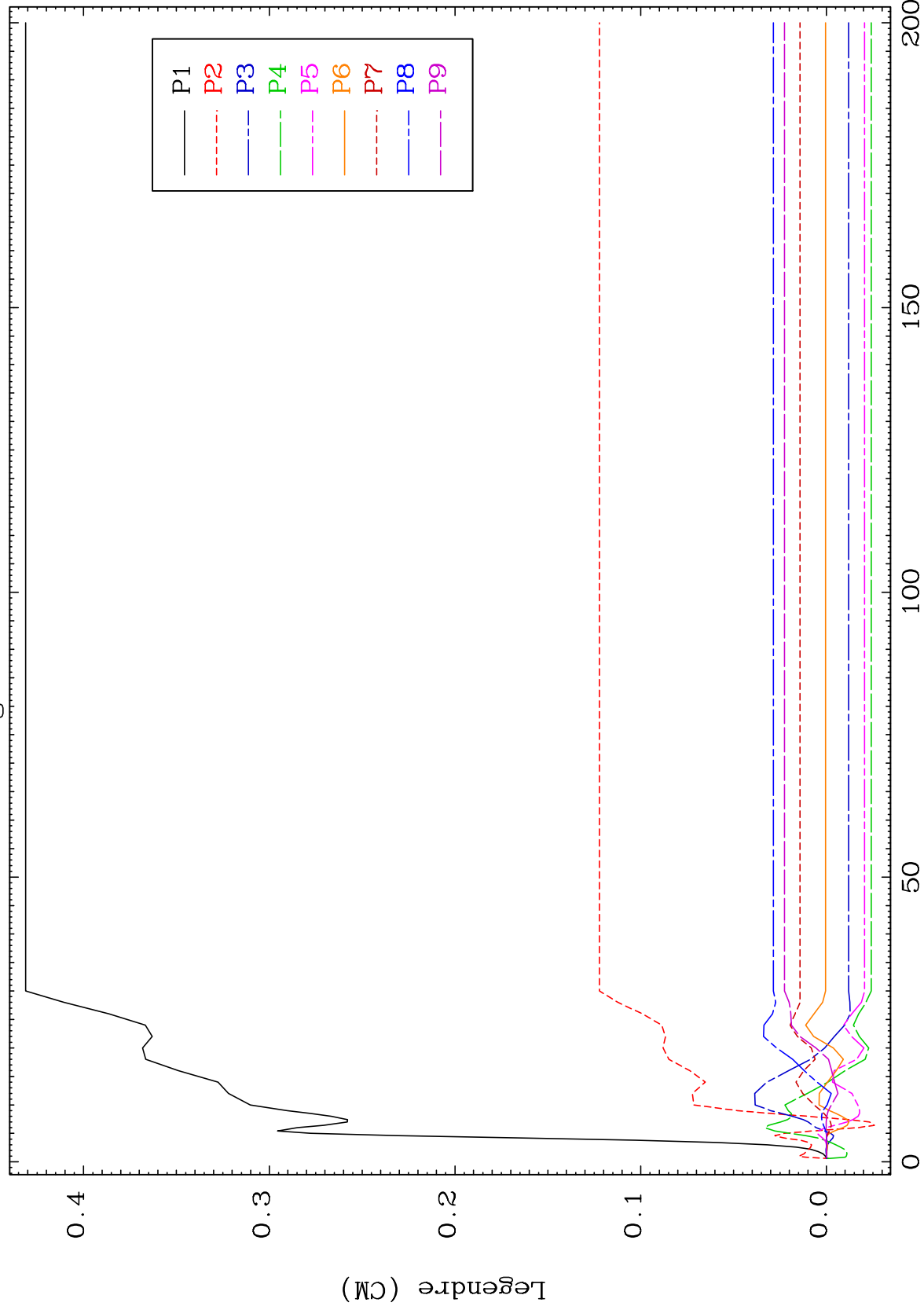
66-Dy-160



MAT 6637

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

66-Dy-160



28

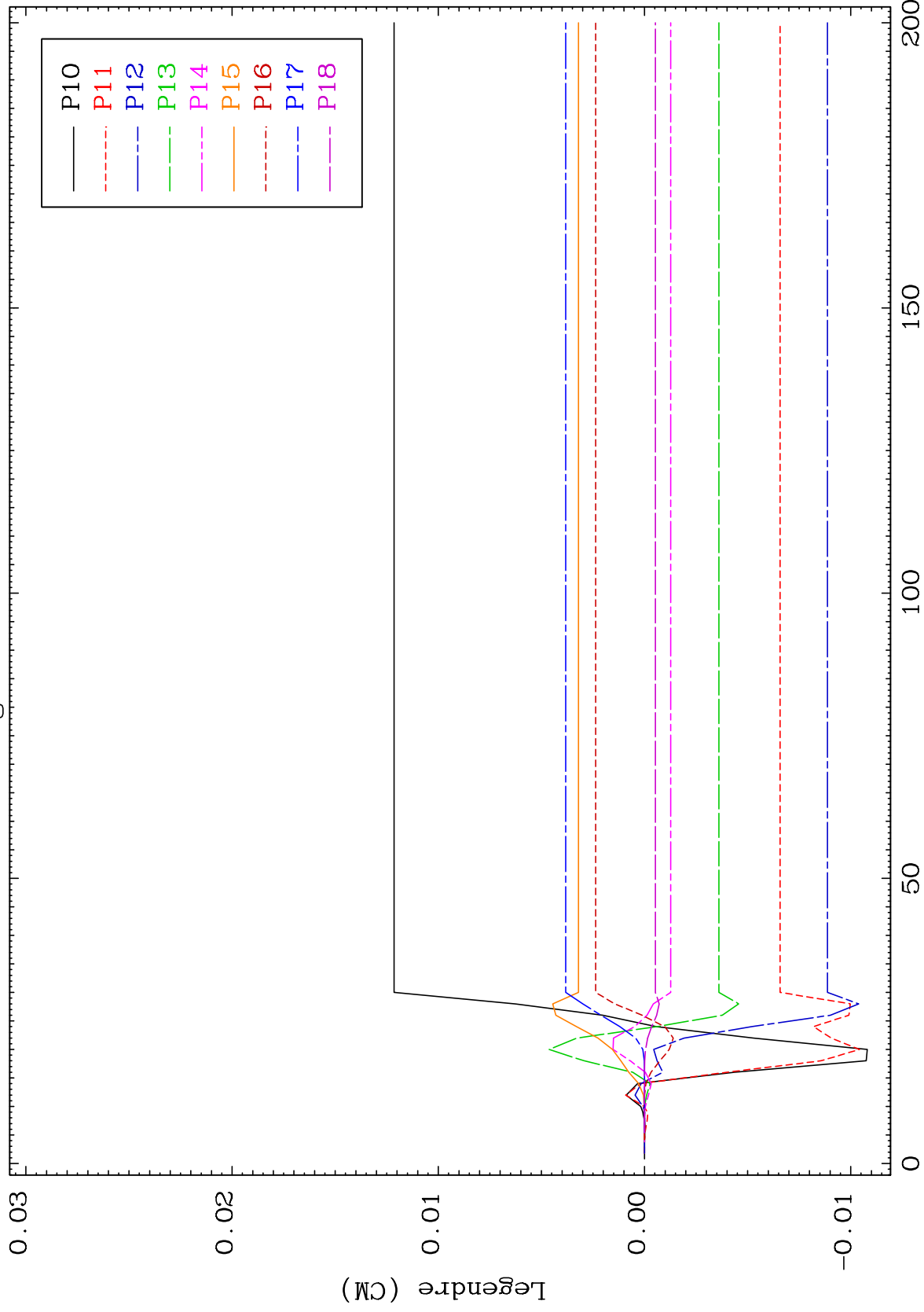
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



29

Incident Energy (MeV)

66-Dy-160

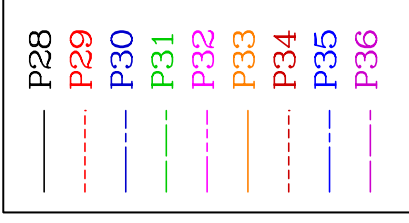


MAT 6637

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

66-Dy-160

$\times 10^{-6}$   
1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0.0



Legendre (CM)

50 100 150 200

31

Incident Energy (MeV)

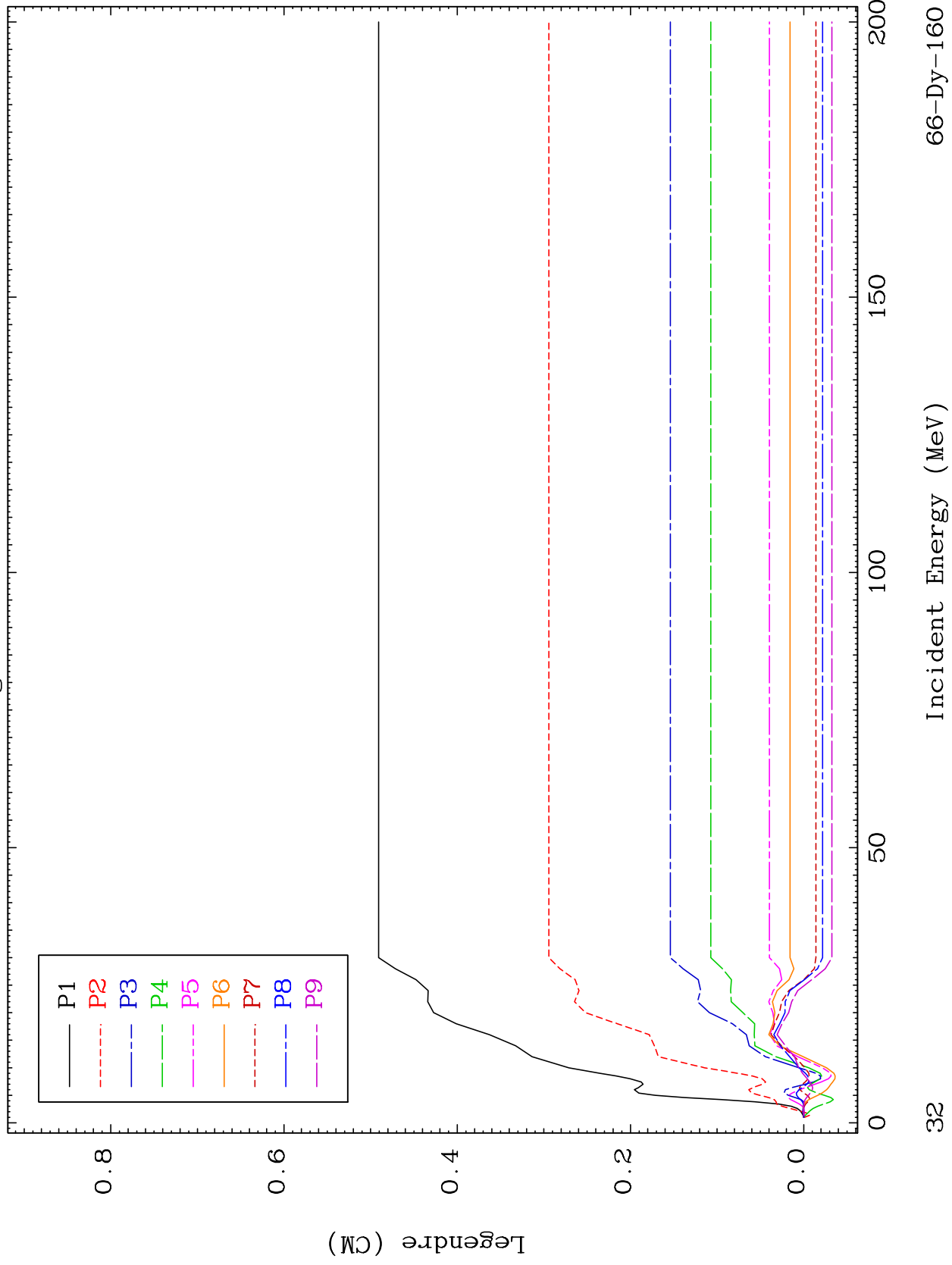
66-Dy-160



MAT 6637

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

66-Dy-160

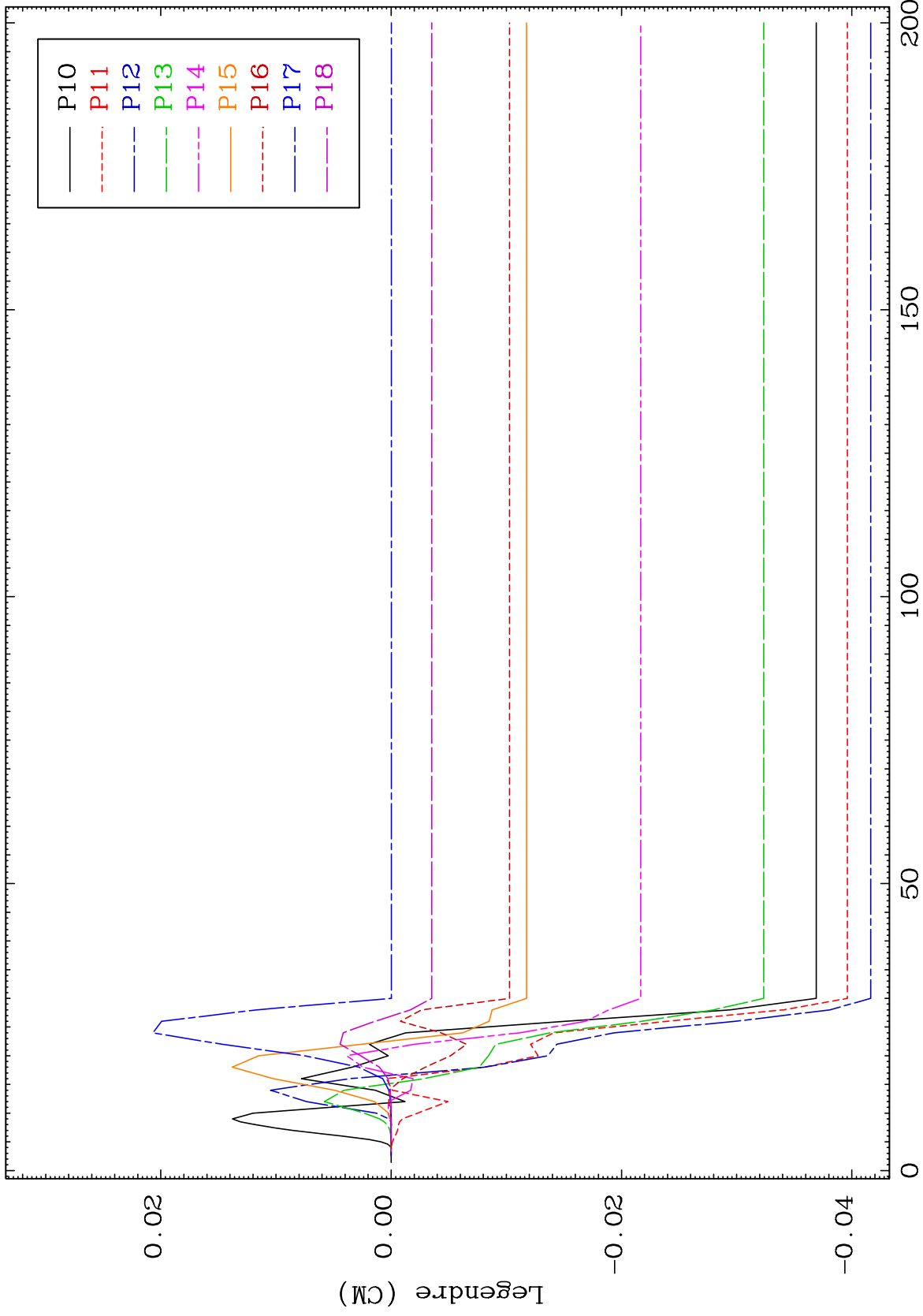


32

MAT 6637

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

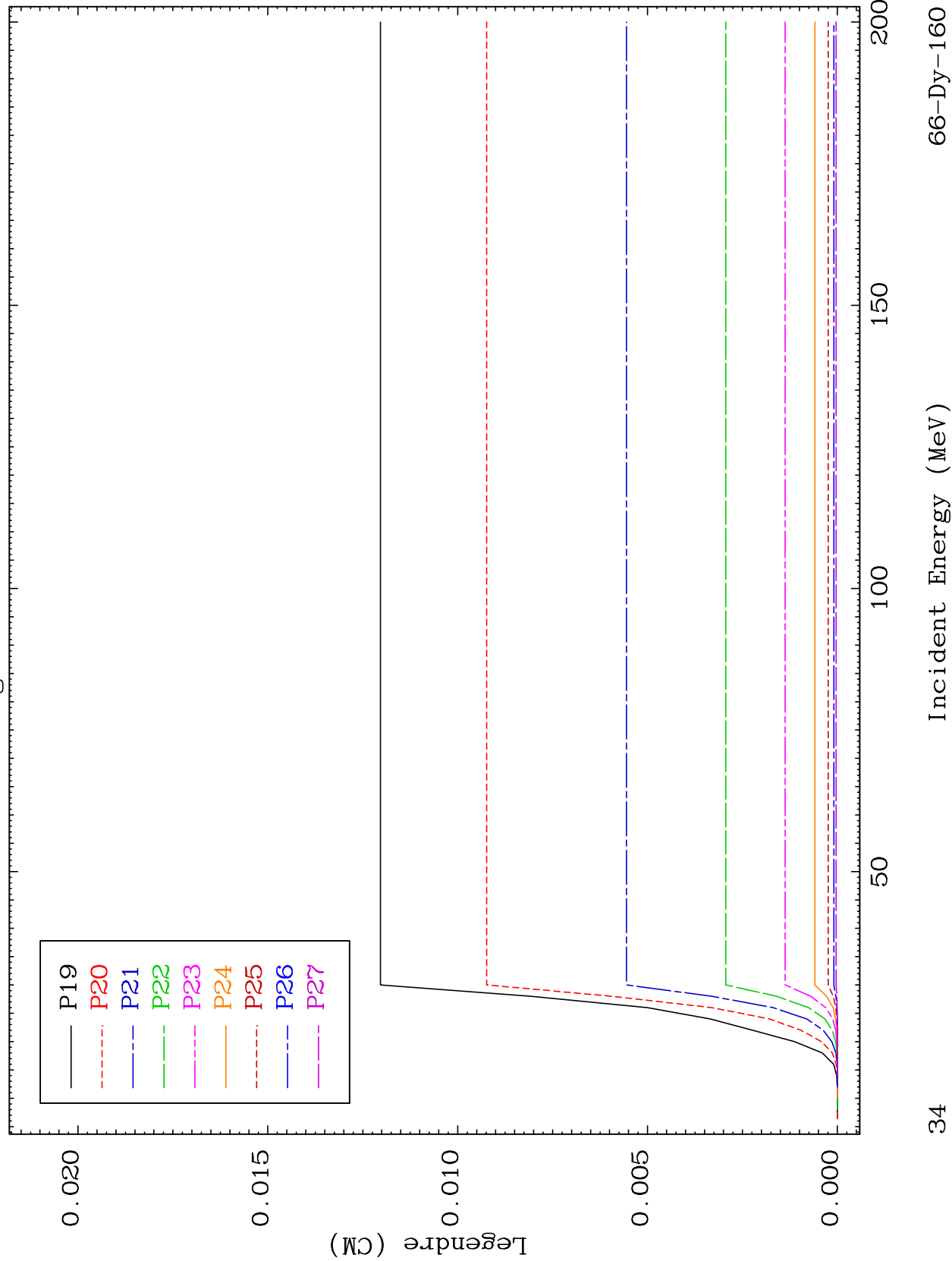
66-Dy-160



33

Incident Energy (MeV)

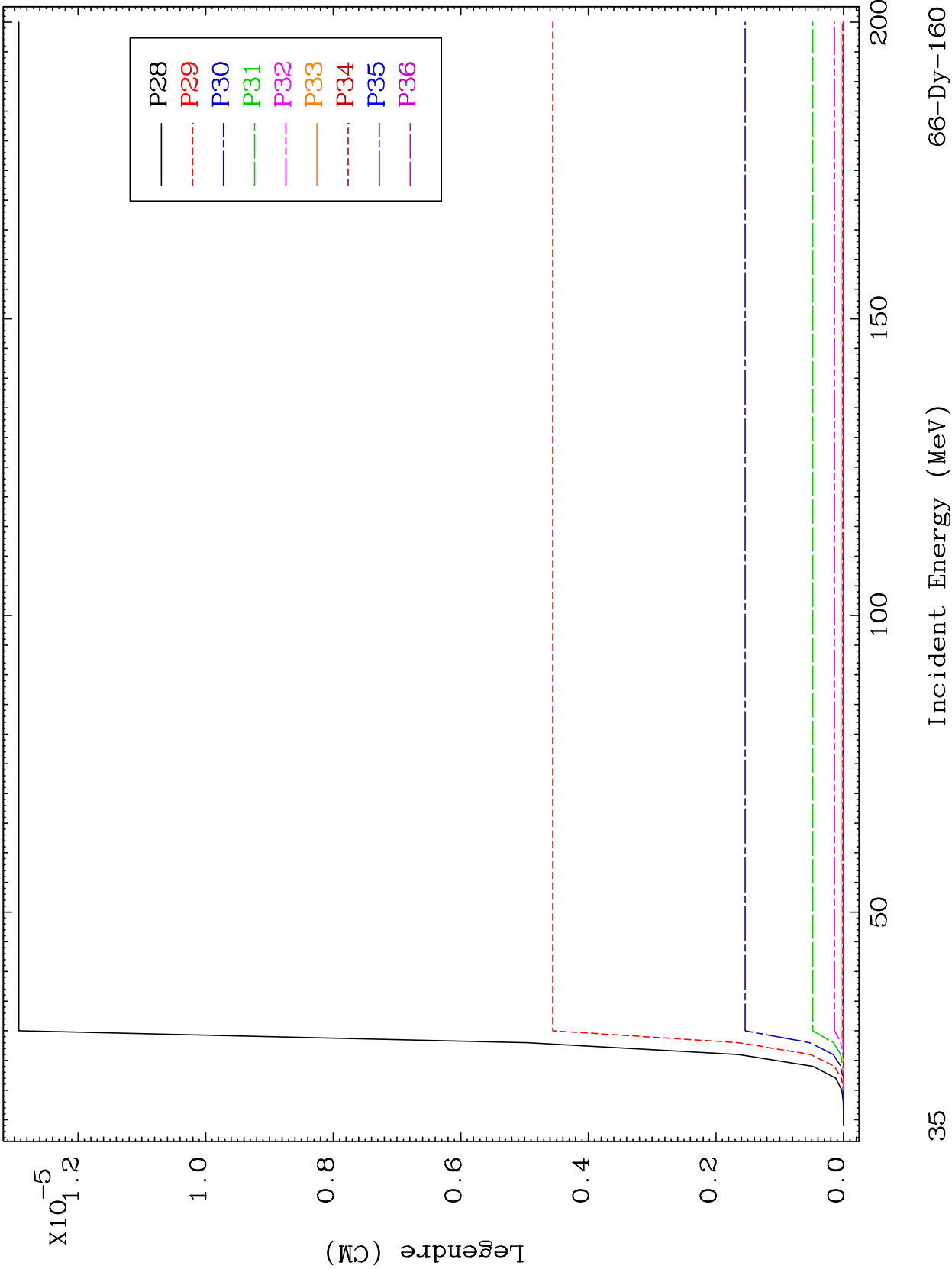
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MAT 6637

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

66-Dy-160



35

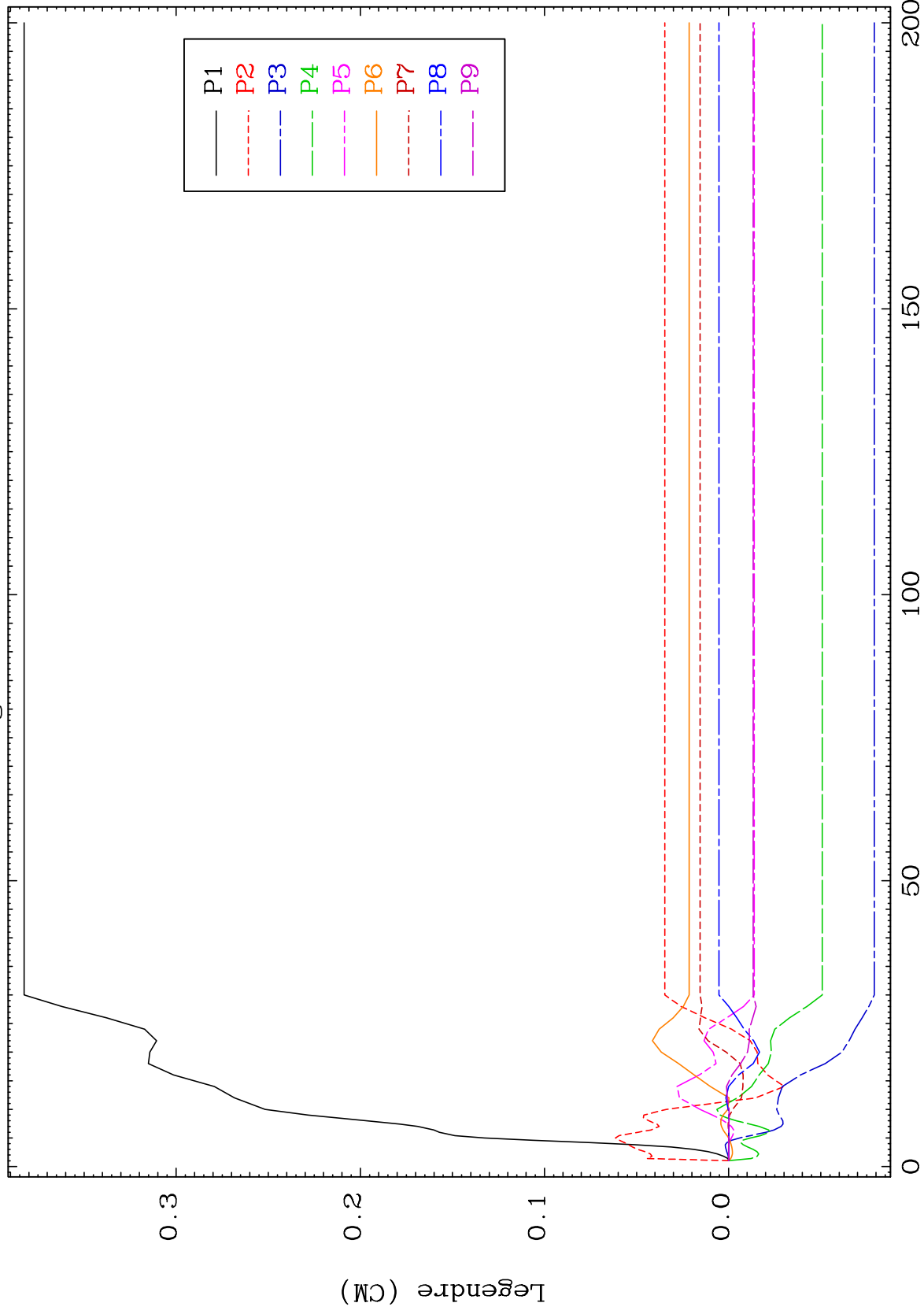
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



36

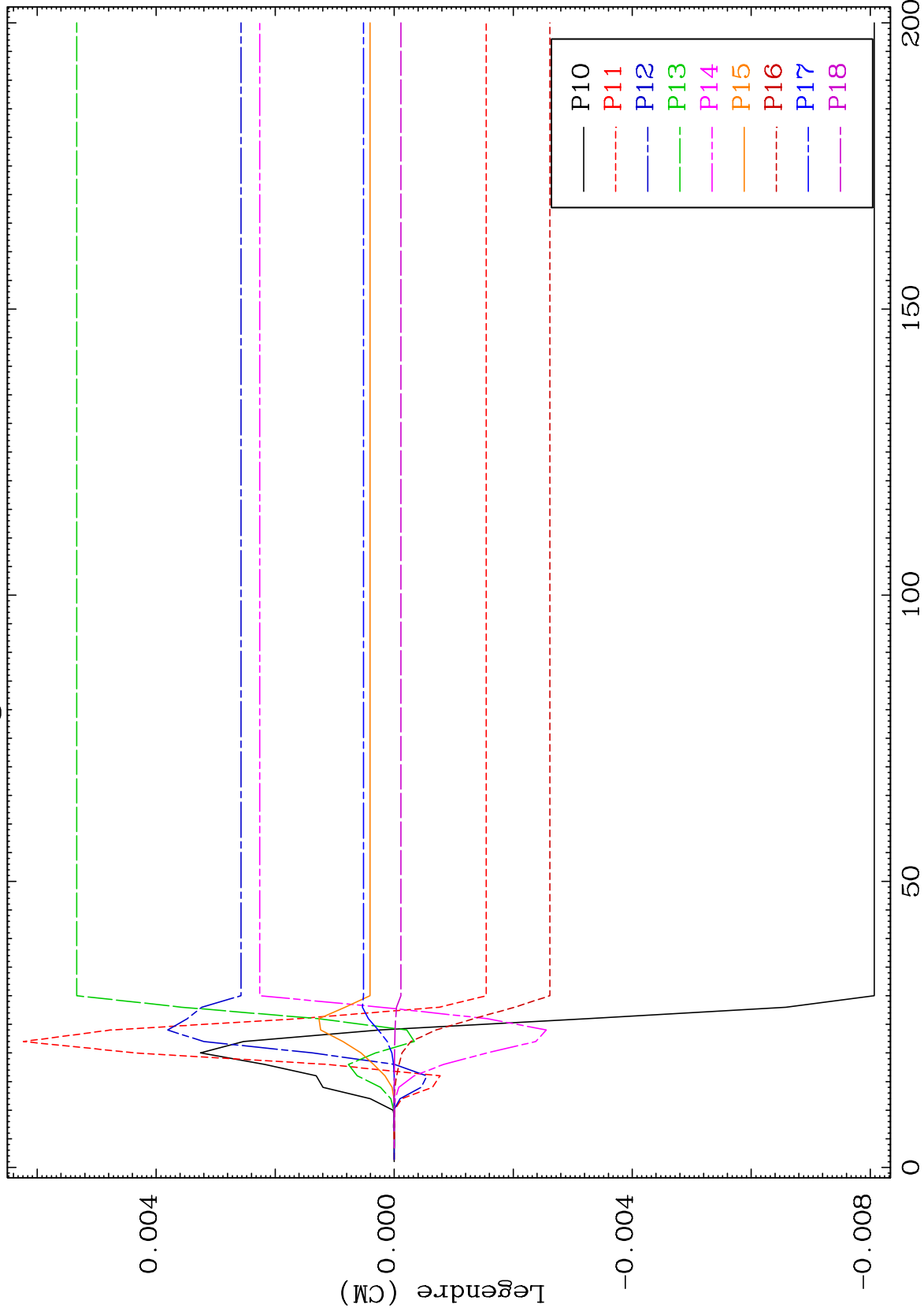
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

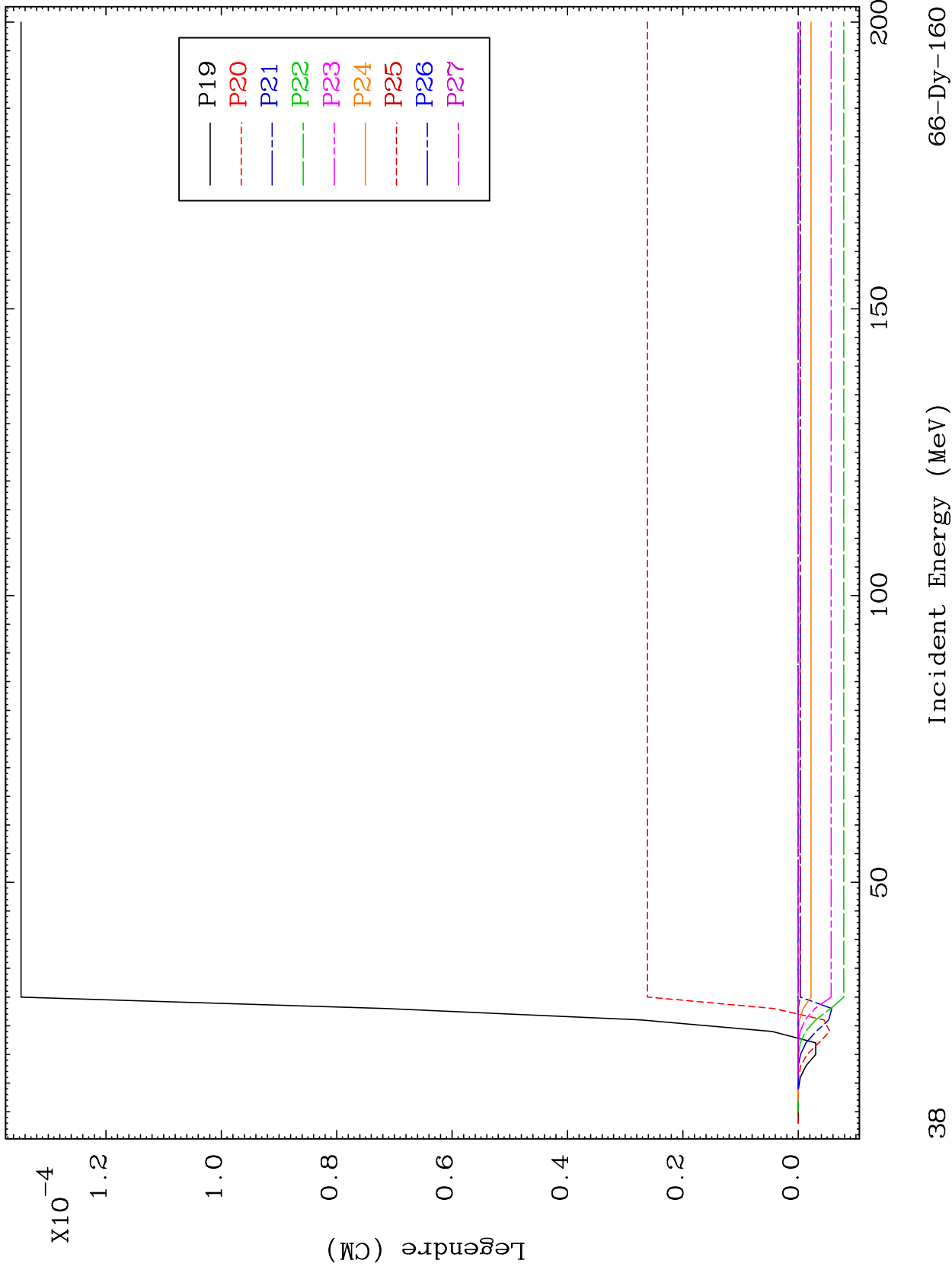
66-Dy-160



37

Incident Energy (MeV)

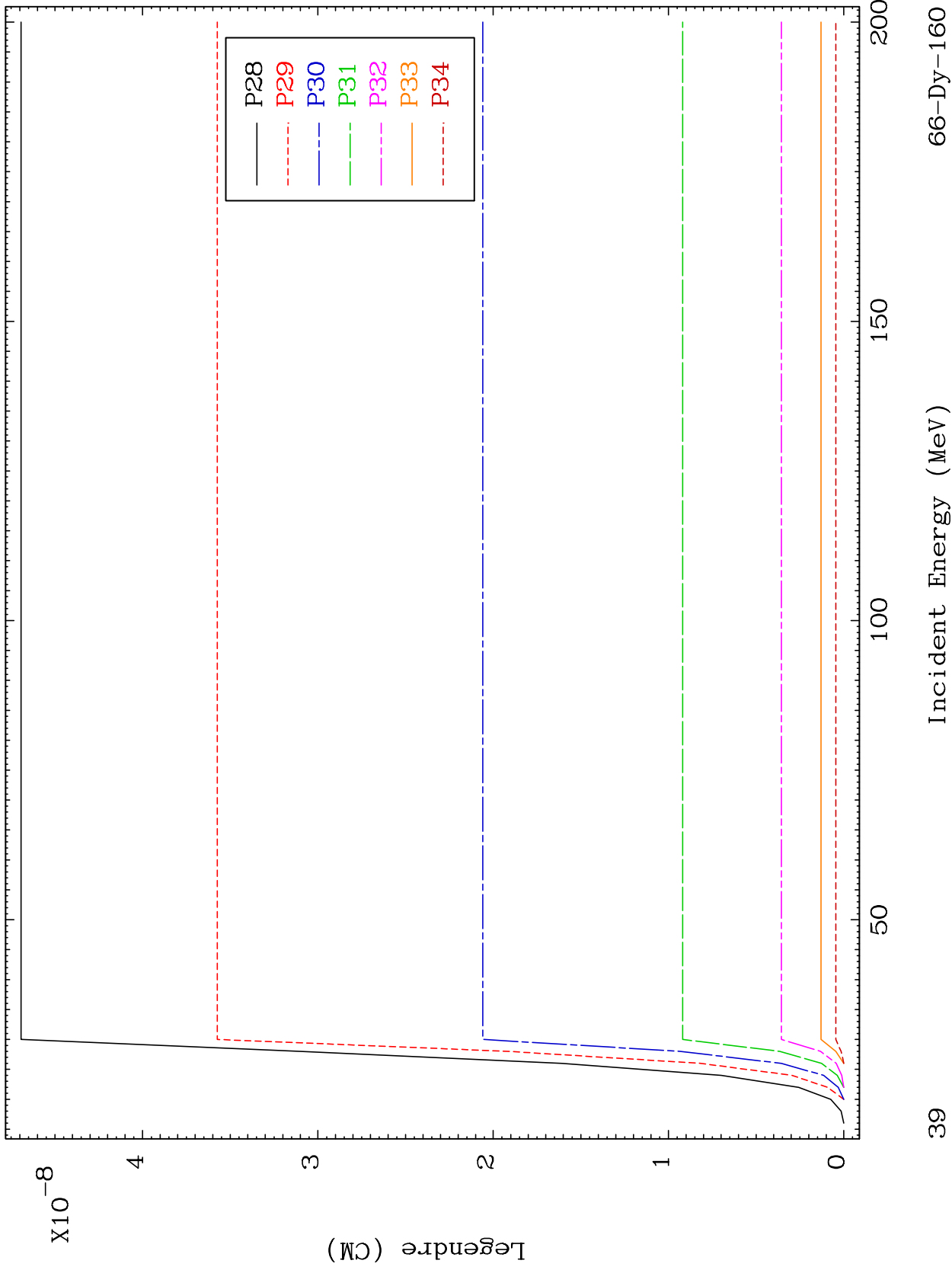
66-Dy-160



MAT 6637

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

66-Dy-160

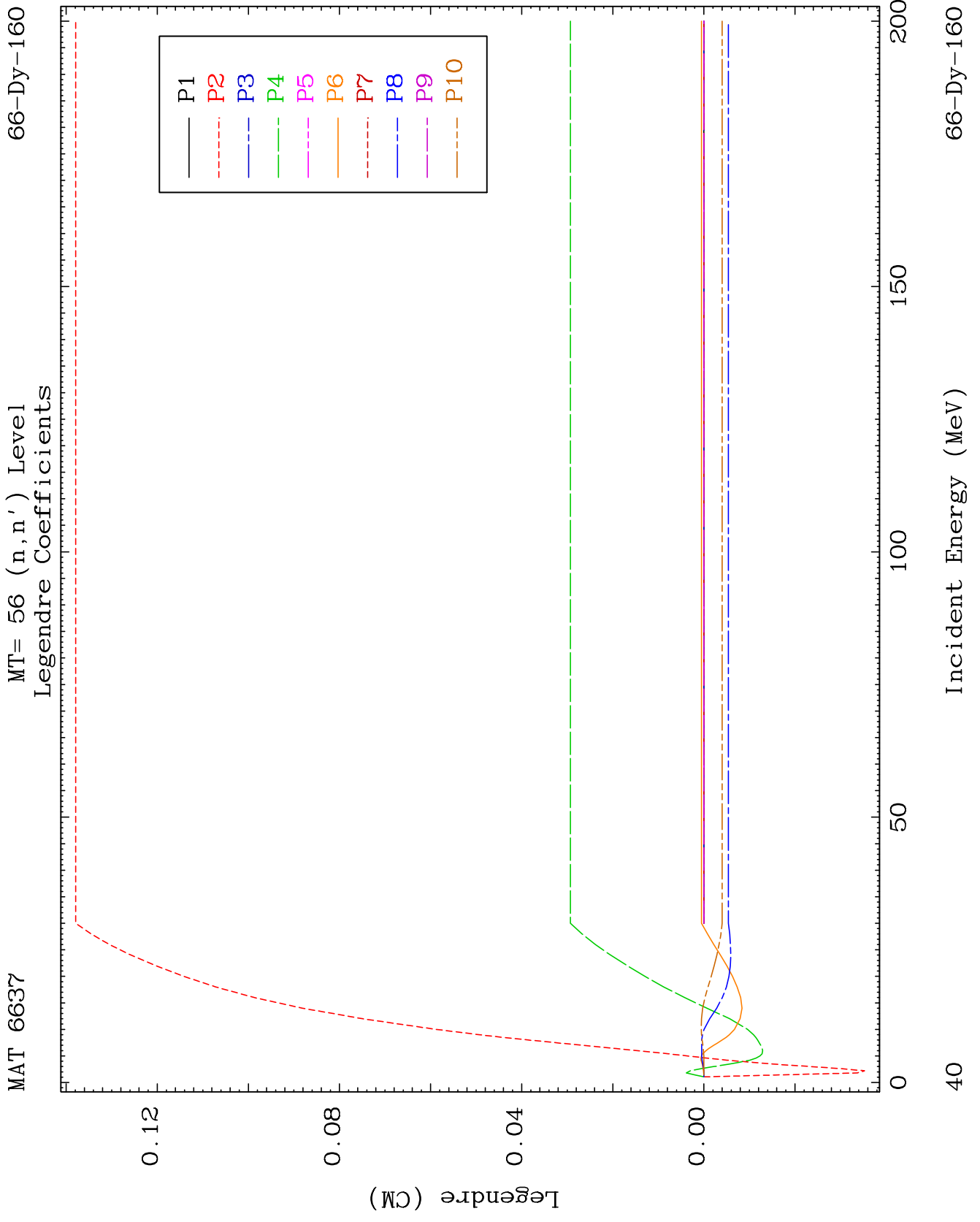


39

Incident Energy (MeV)

66-Dy-160

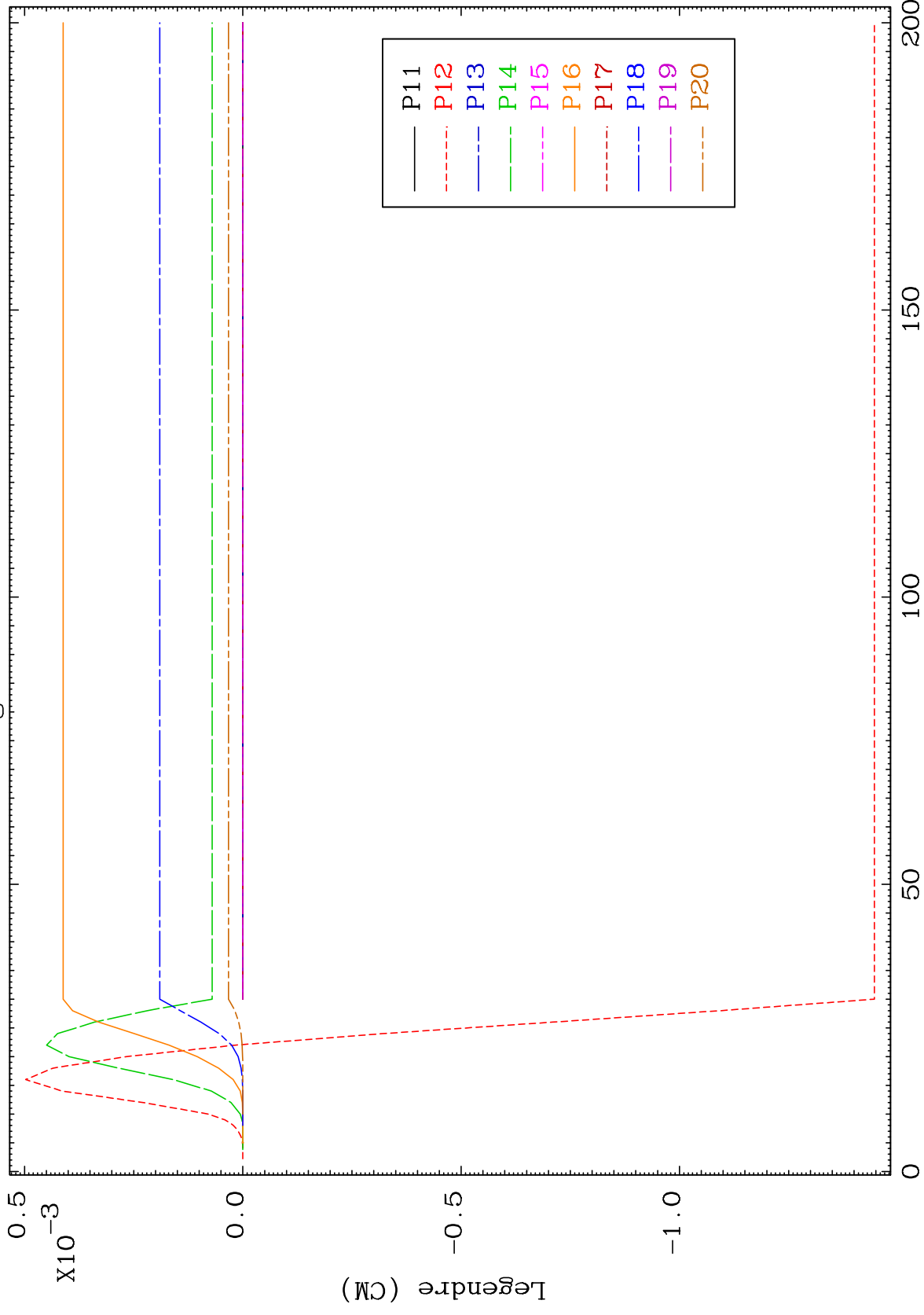




MAT 6637

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

66-Dy-160



41

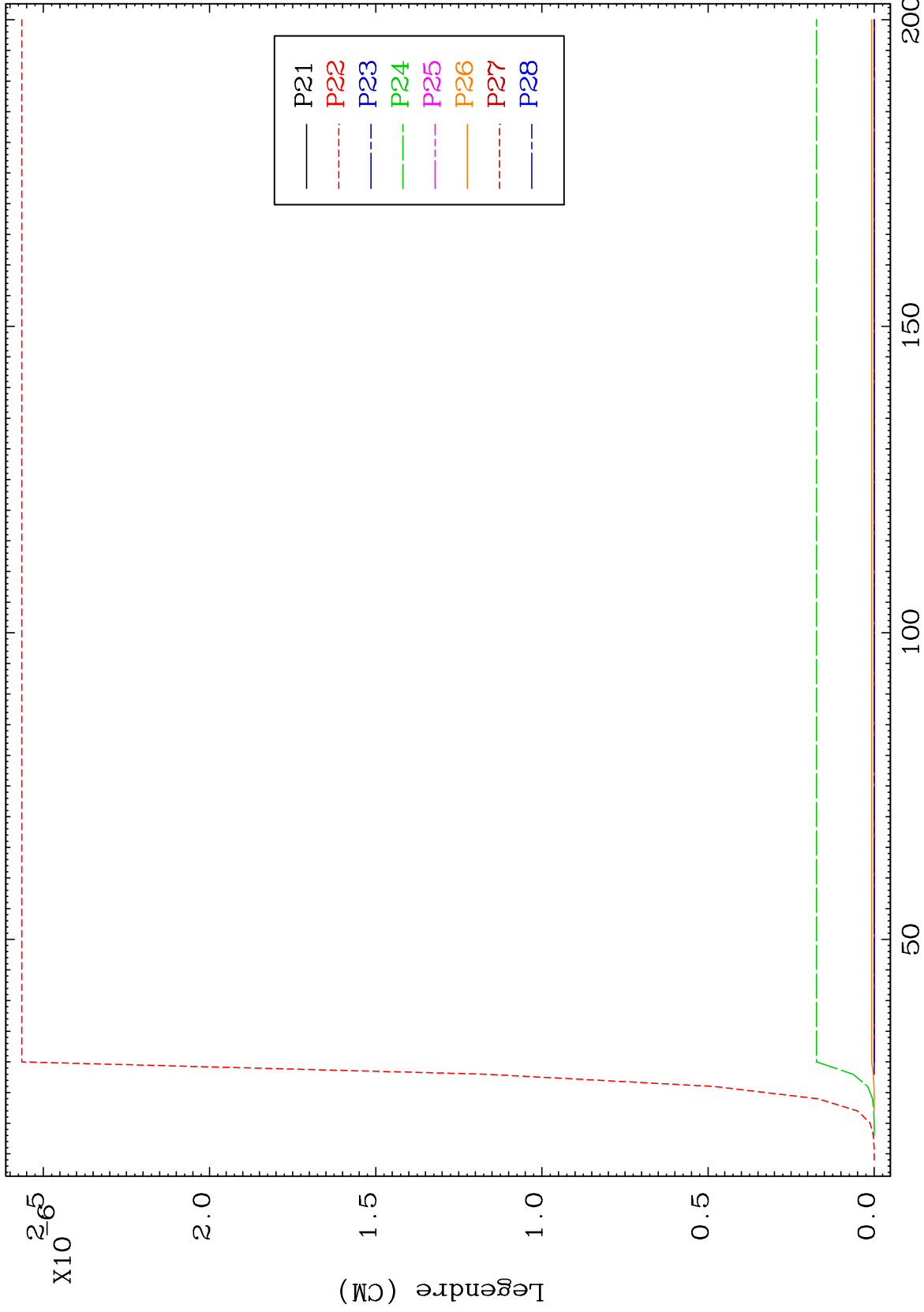
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



42

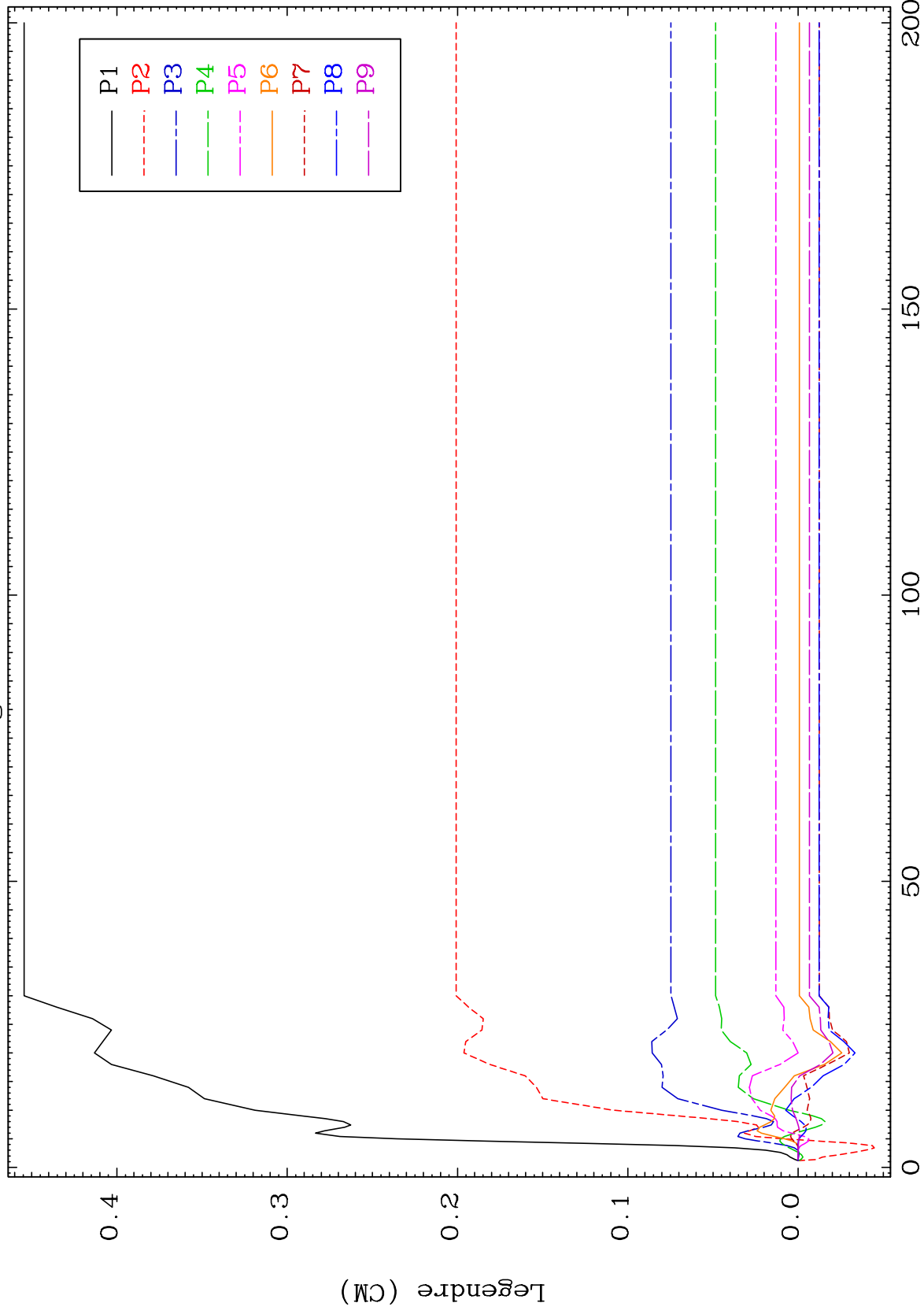
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



43

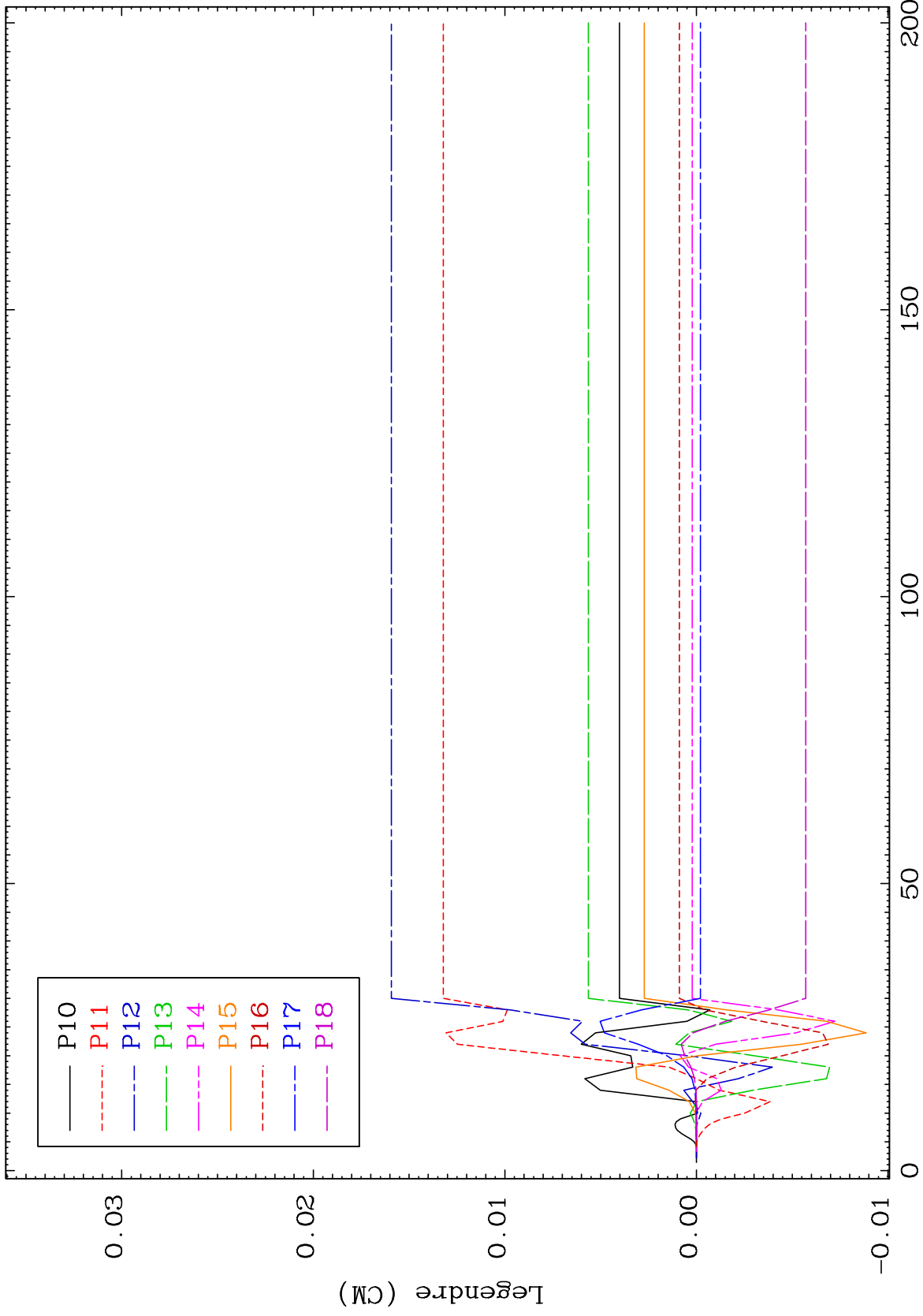
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

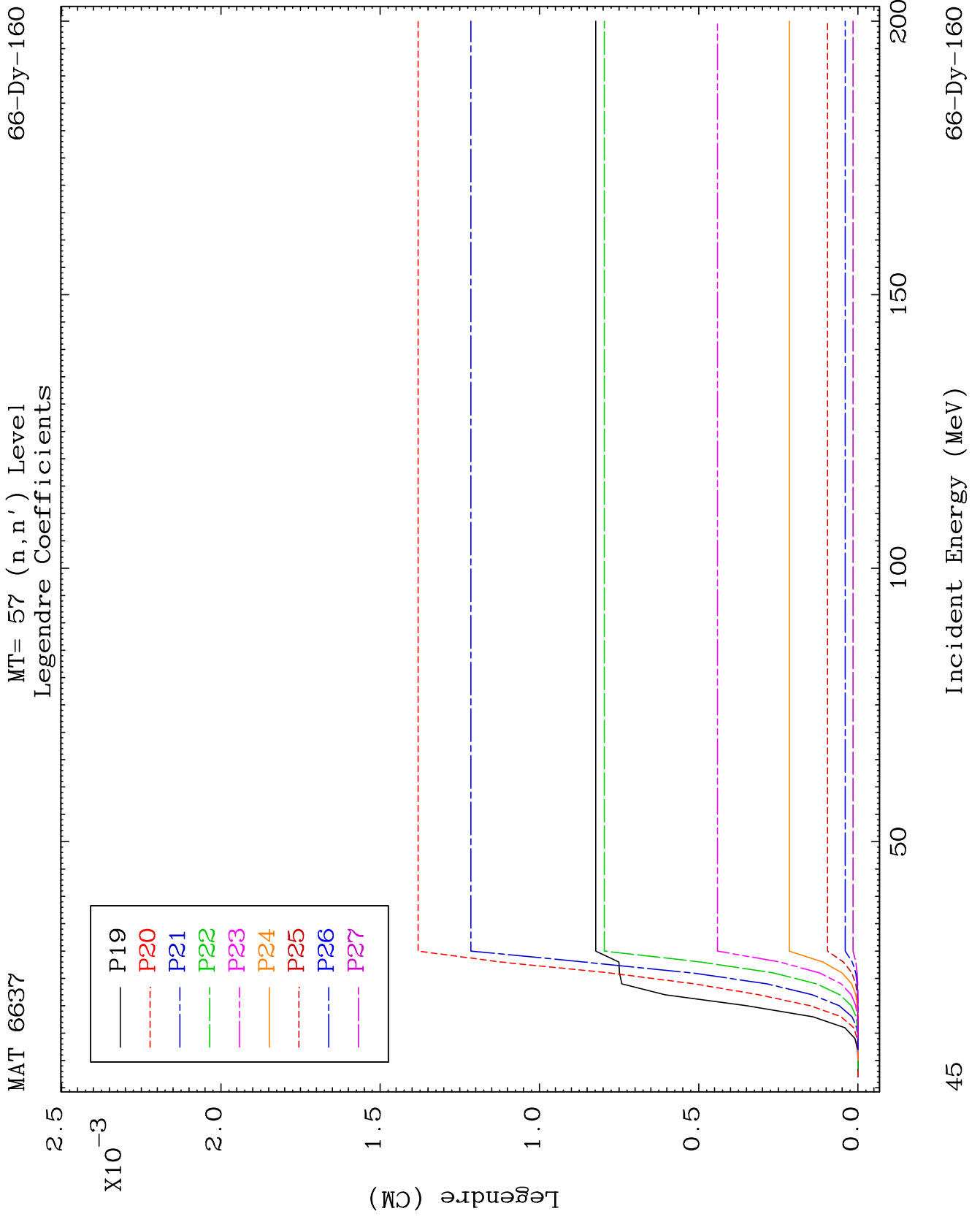
66-Dy-160



44

Incident Energy (MeV)

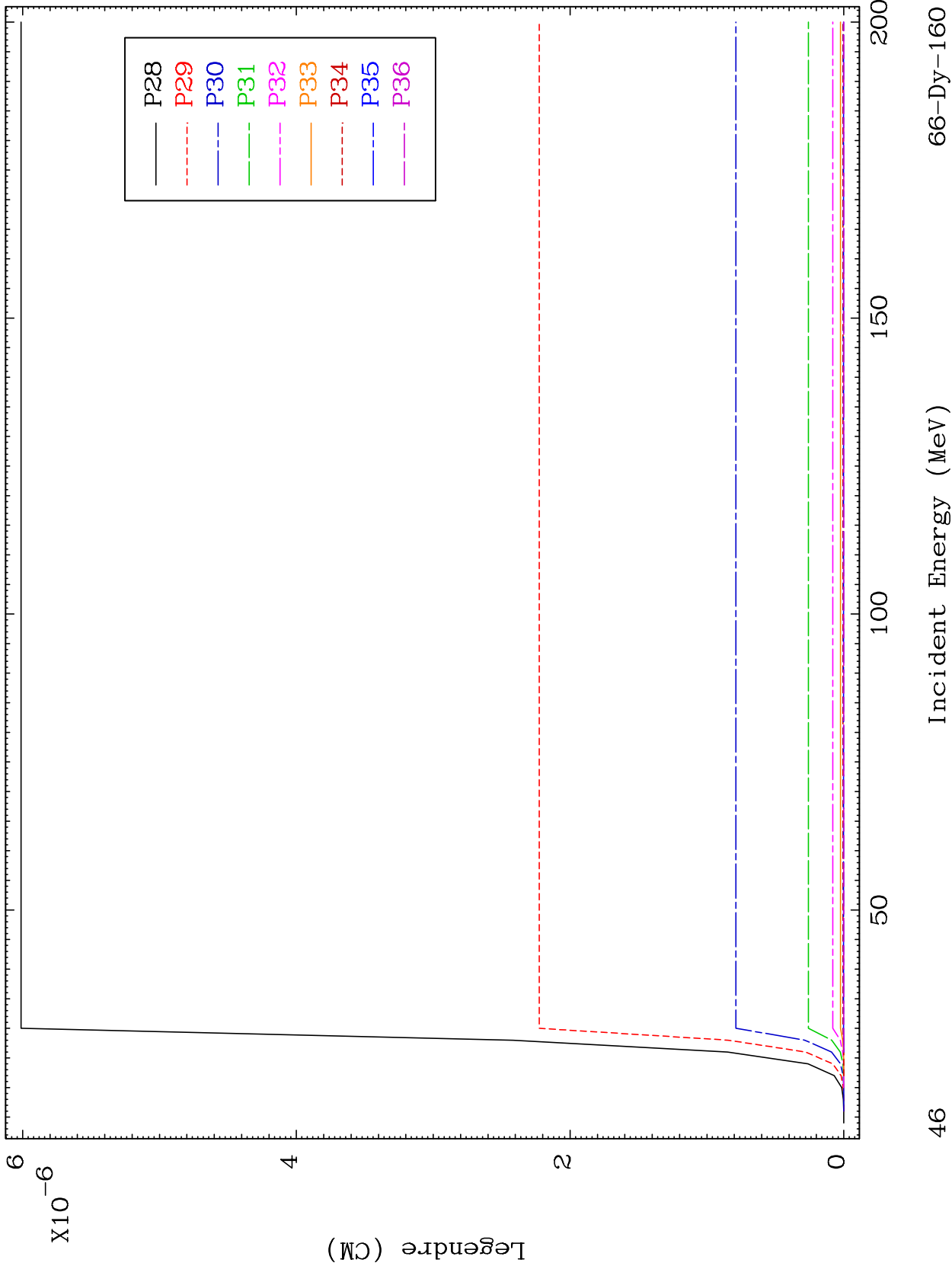
66-Dy-160



MAT 6637

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

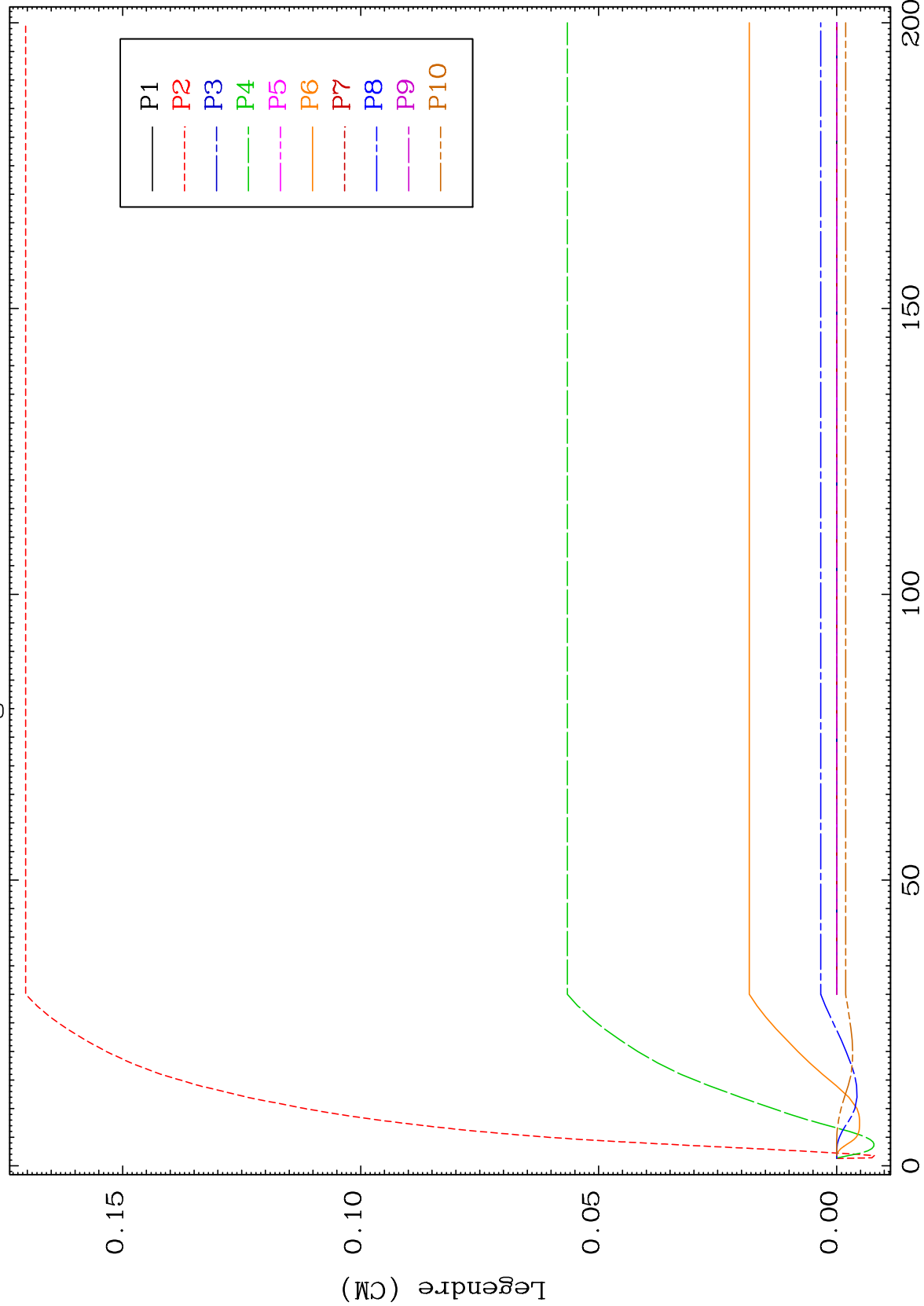
66-Dy-160



MAT 6637

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

66-Dy-160



47

Incident Energy (MeV)

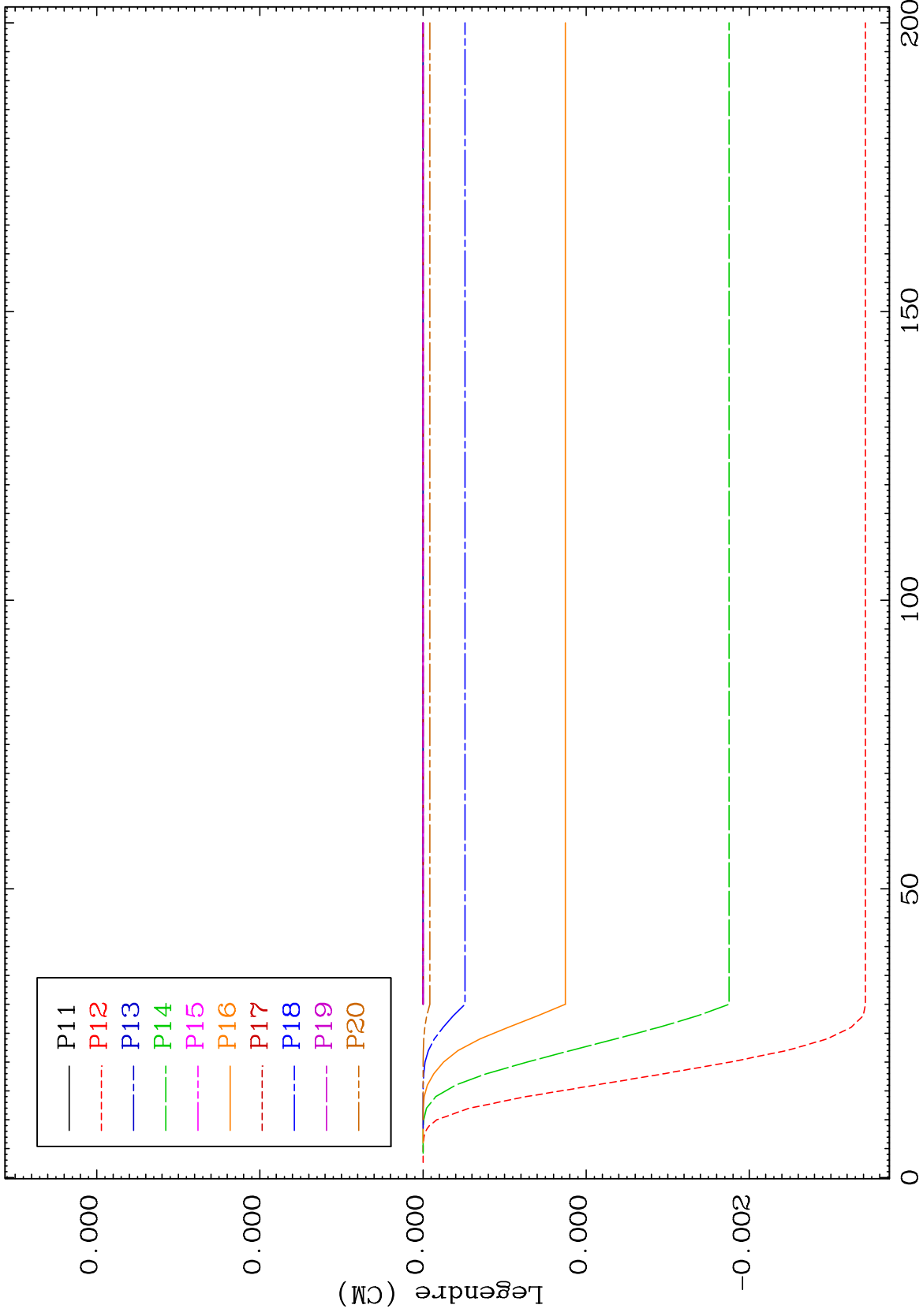
66-Dy-160



MAT 6637

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

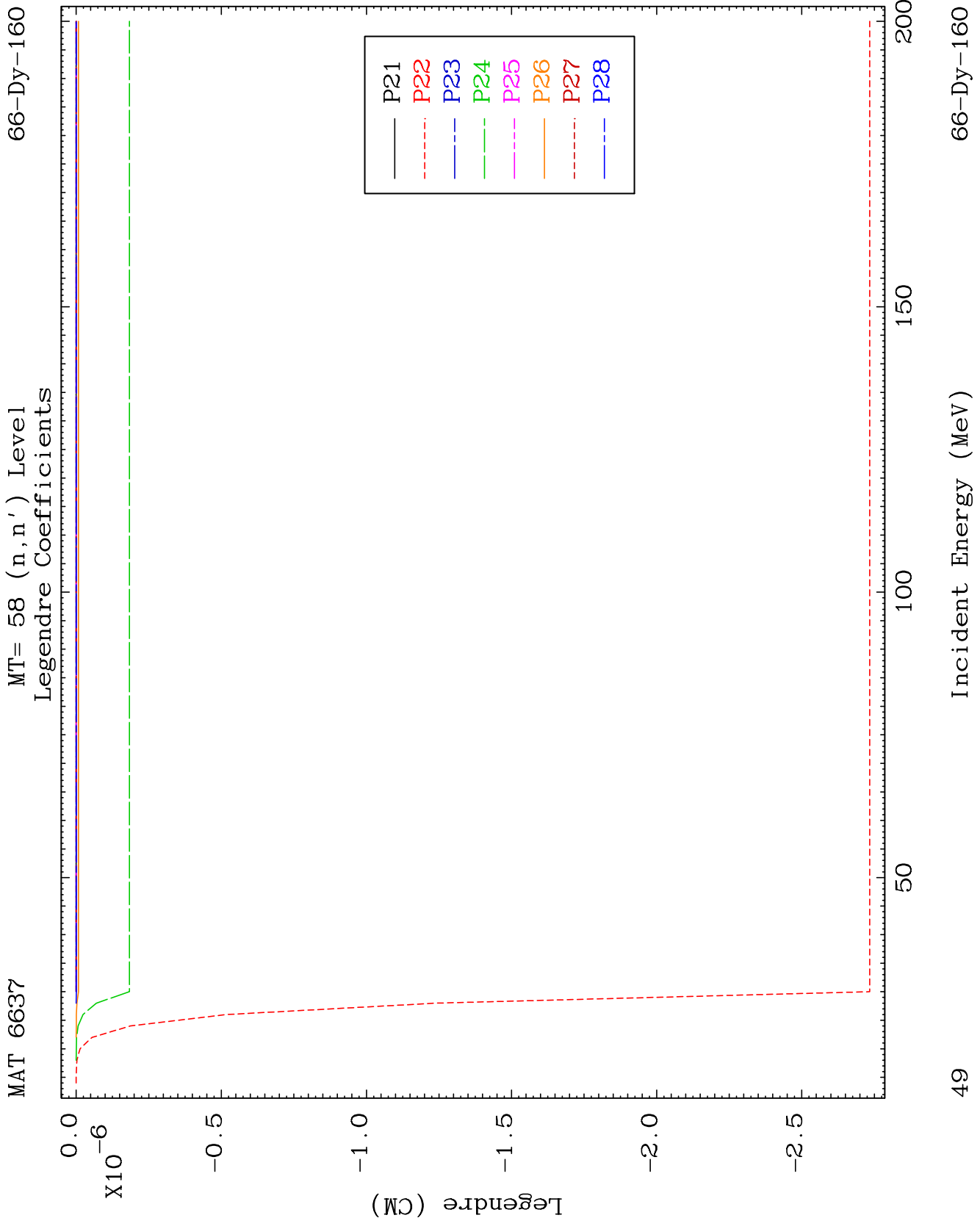
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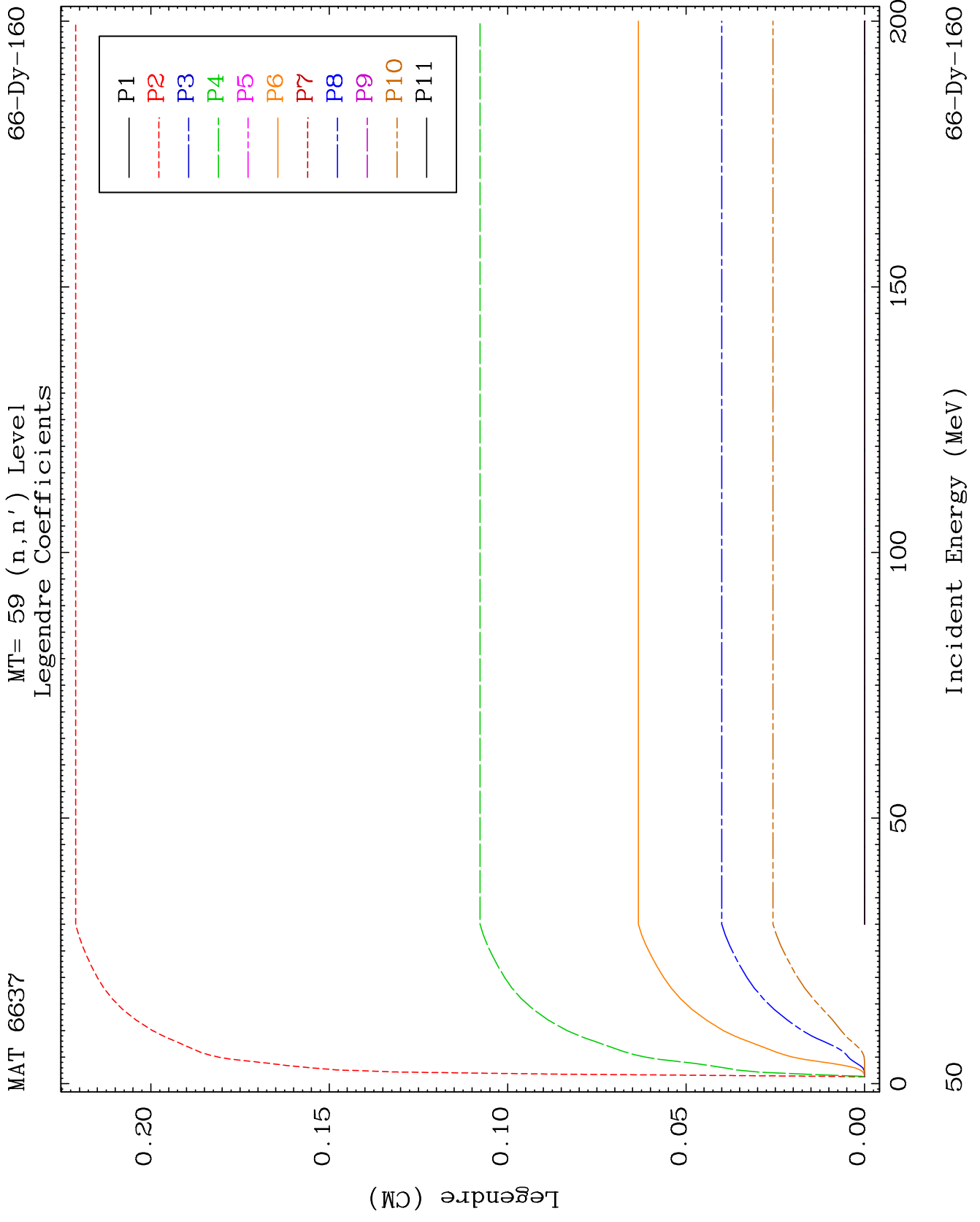


48

Incident Energy (MeV)

66-Dy-160

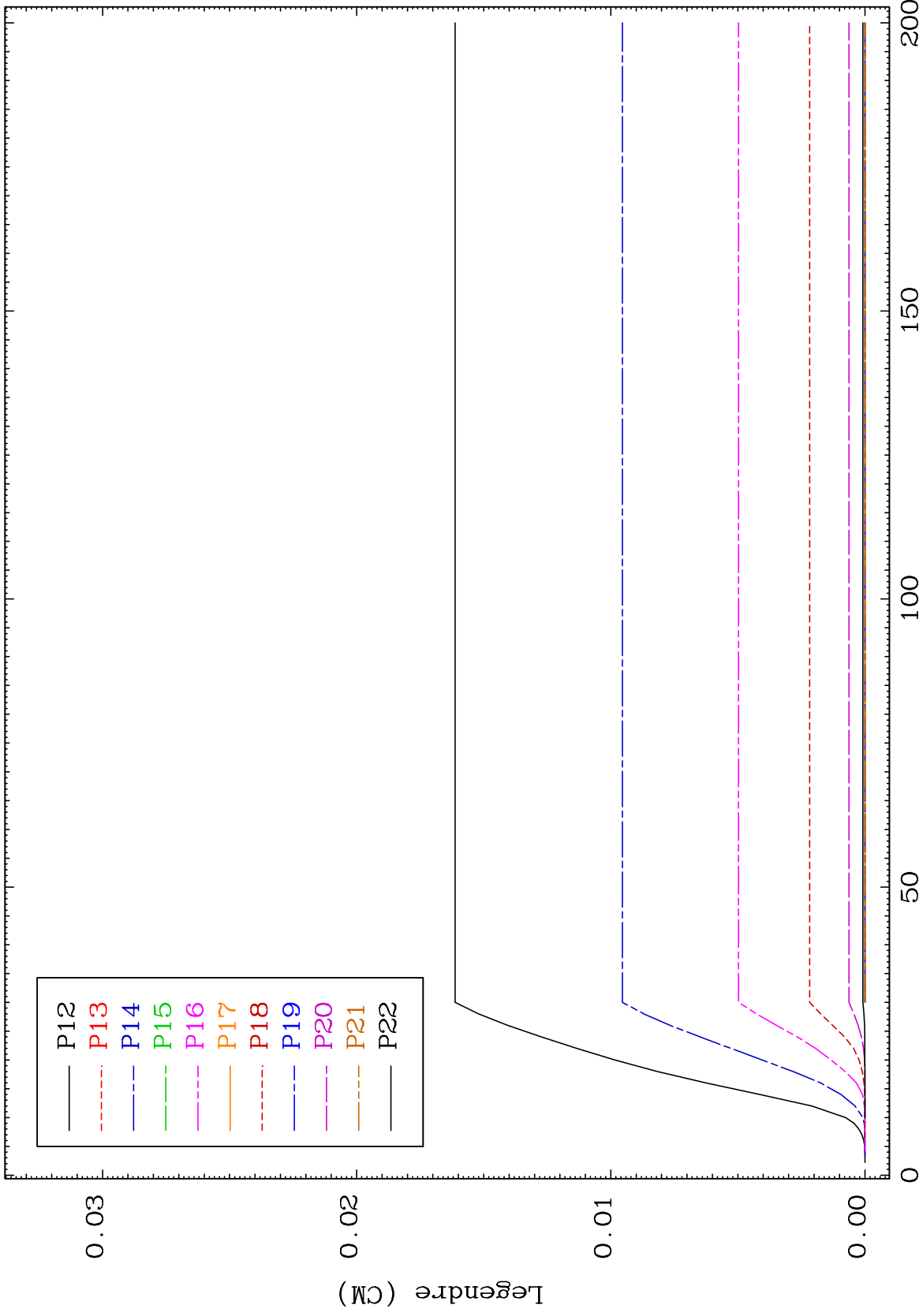




MAT 6637

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

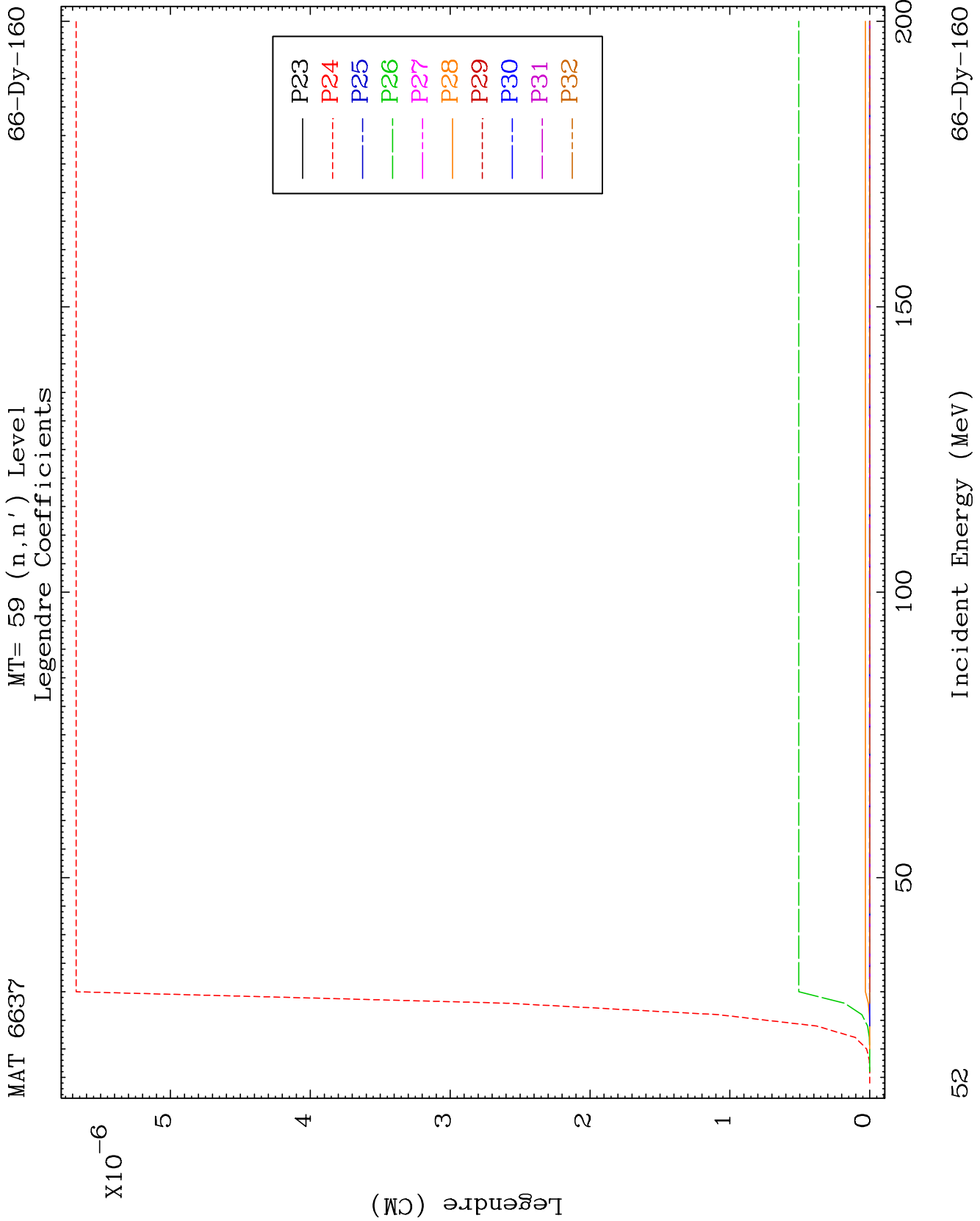
66-Dy-160



51

Incident Energy (MeV)

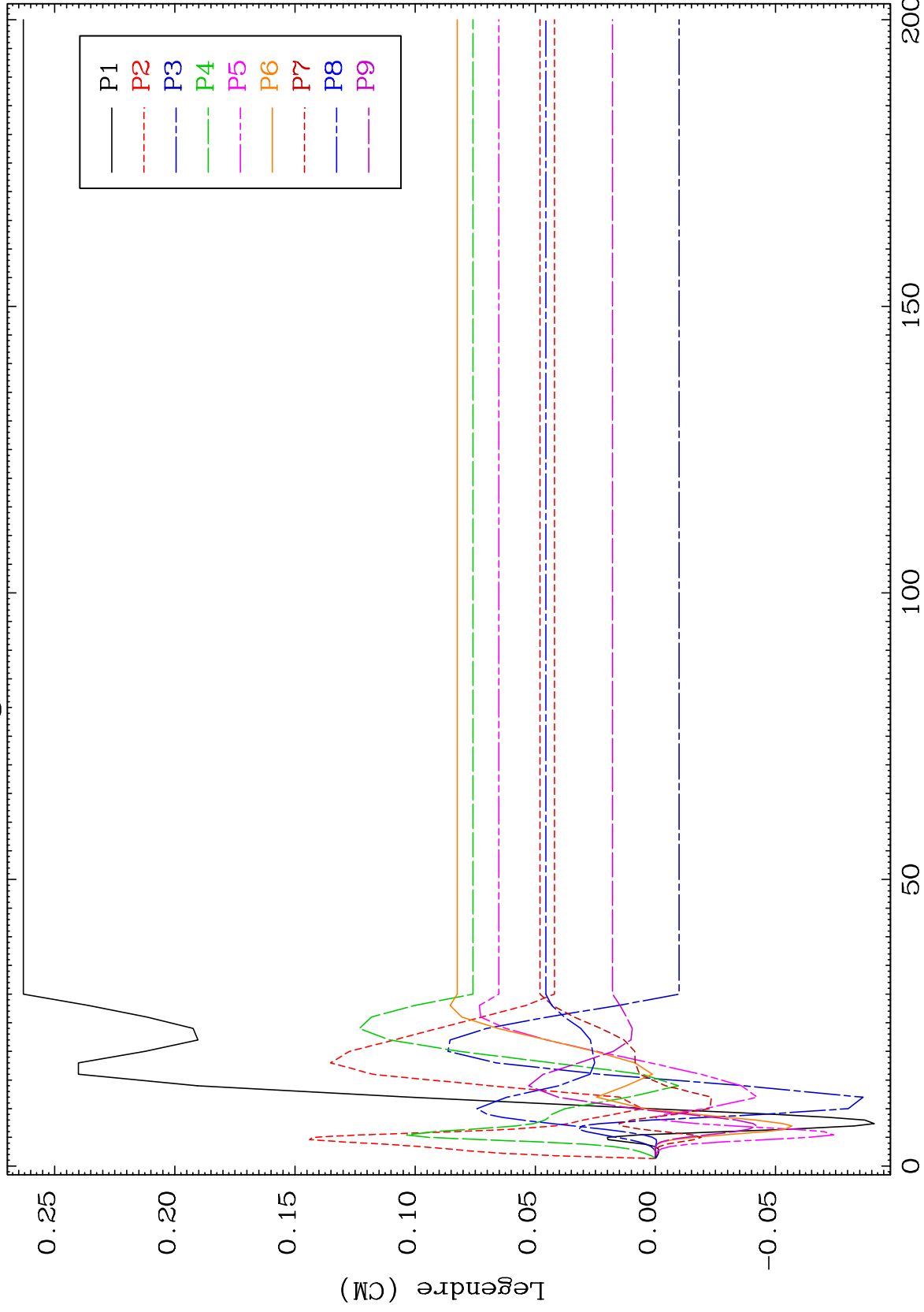
66-Dy-160



MAT 6637

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

66-Dy-160



53

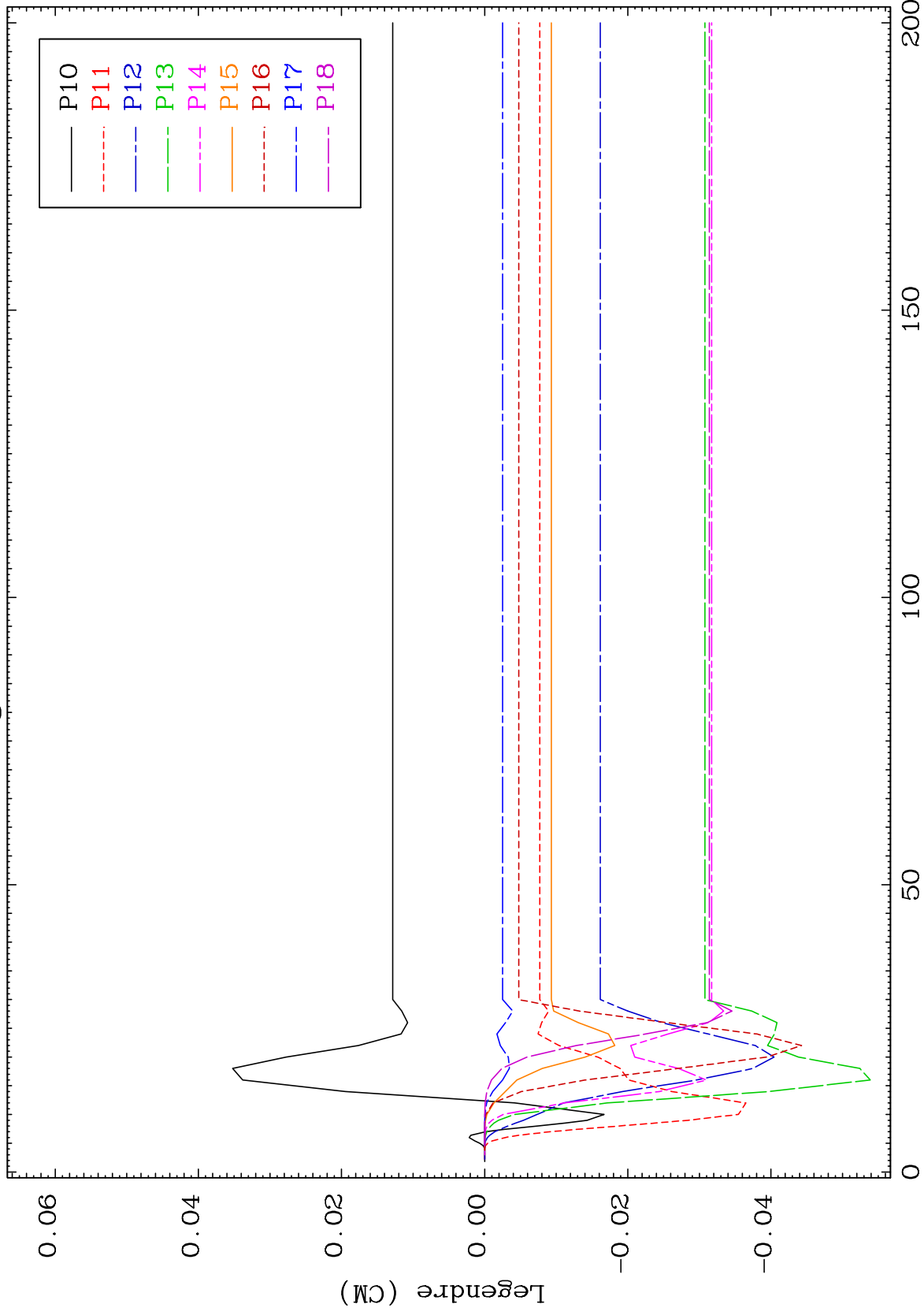
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



54

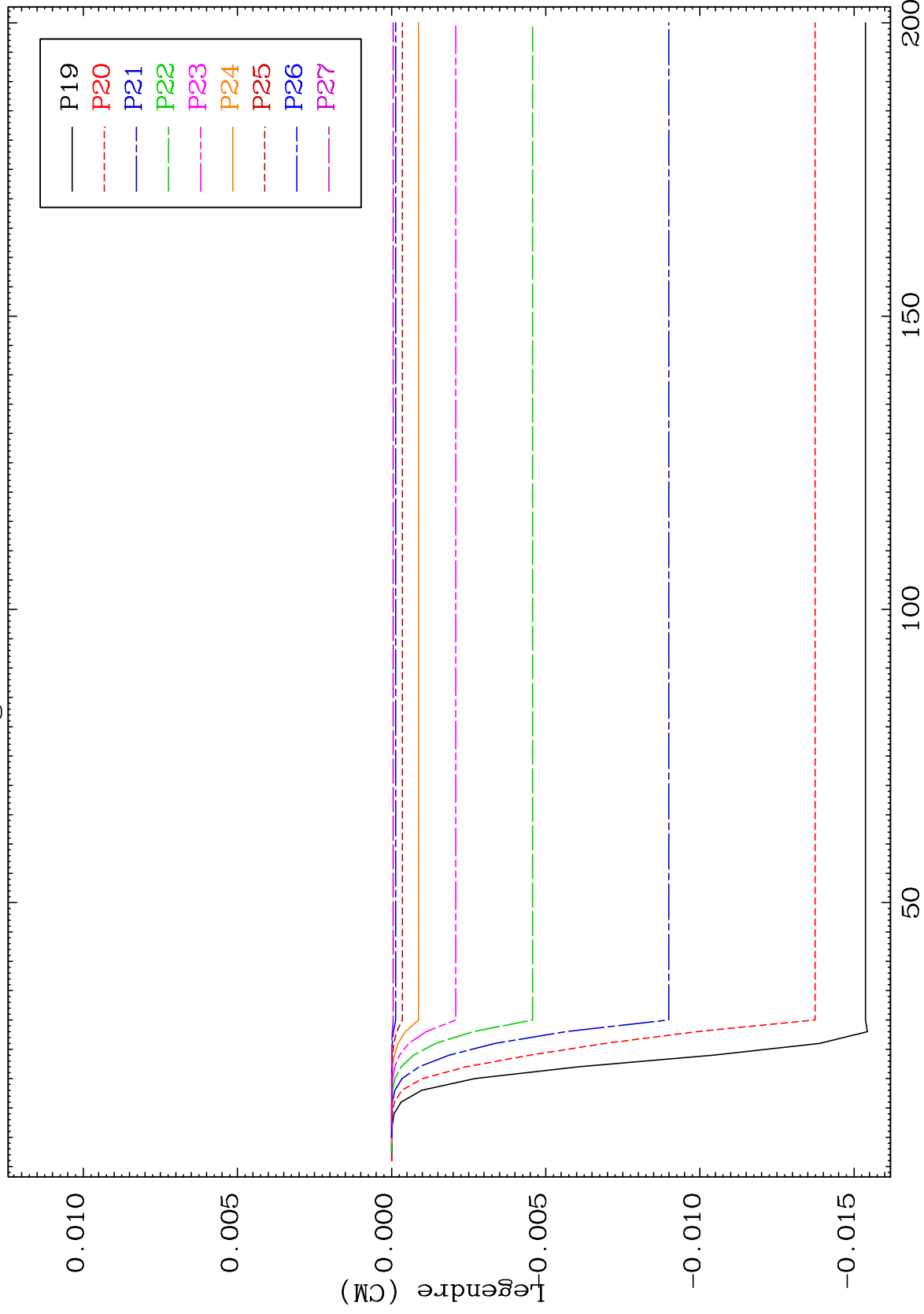
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160

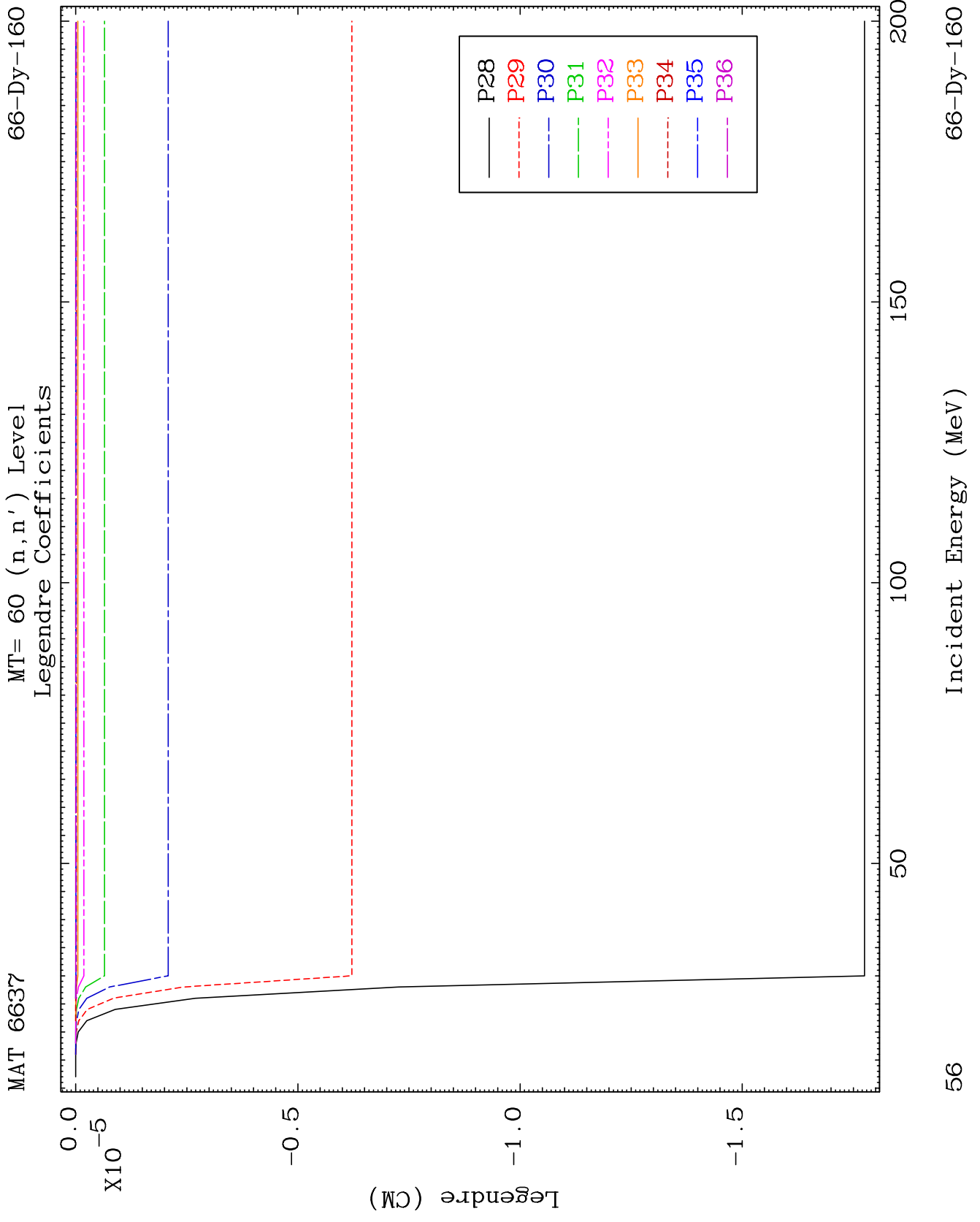


55

Incident Energy (MeV)

66-Dy-160

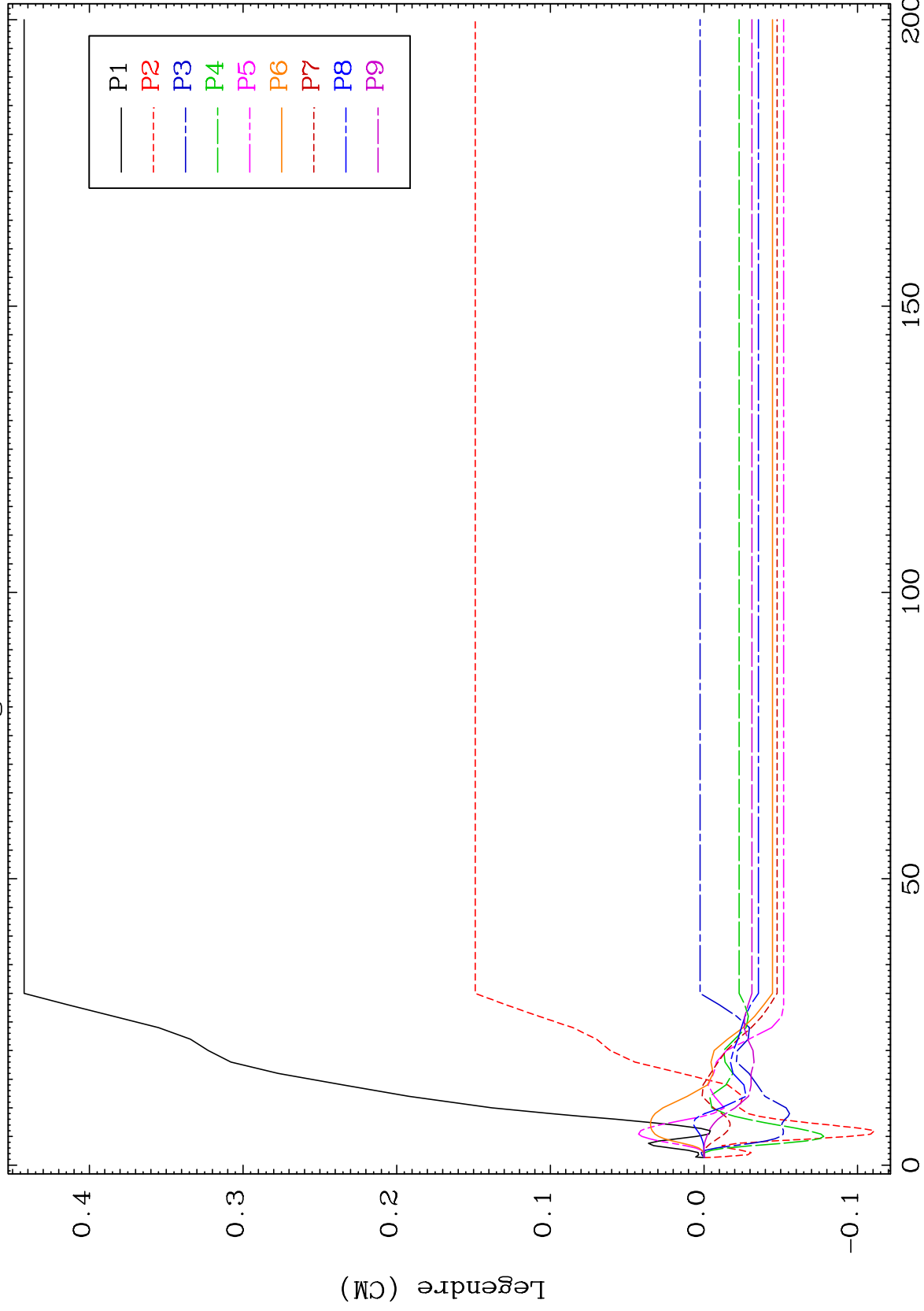




MAT 6637

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

66-Dy-160



57

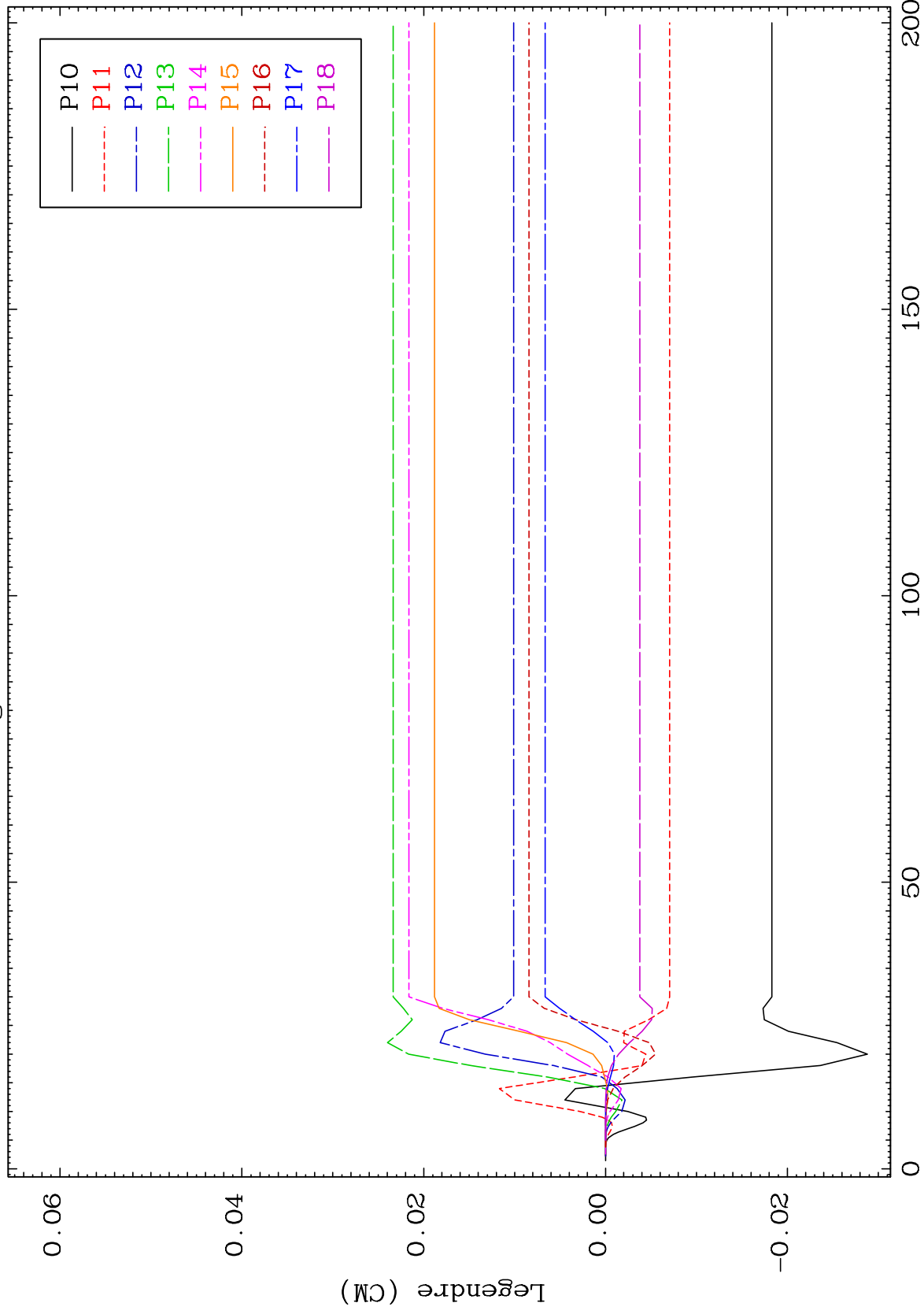
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



58

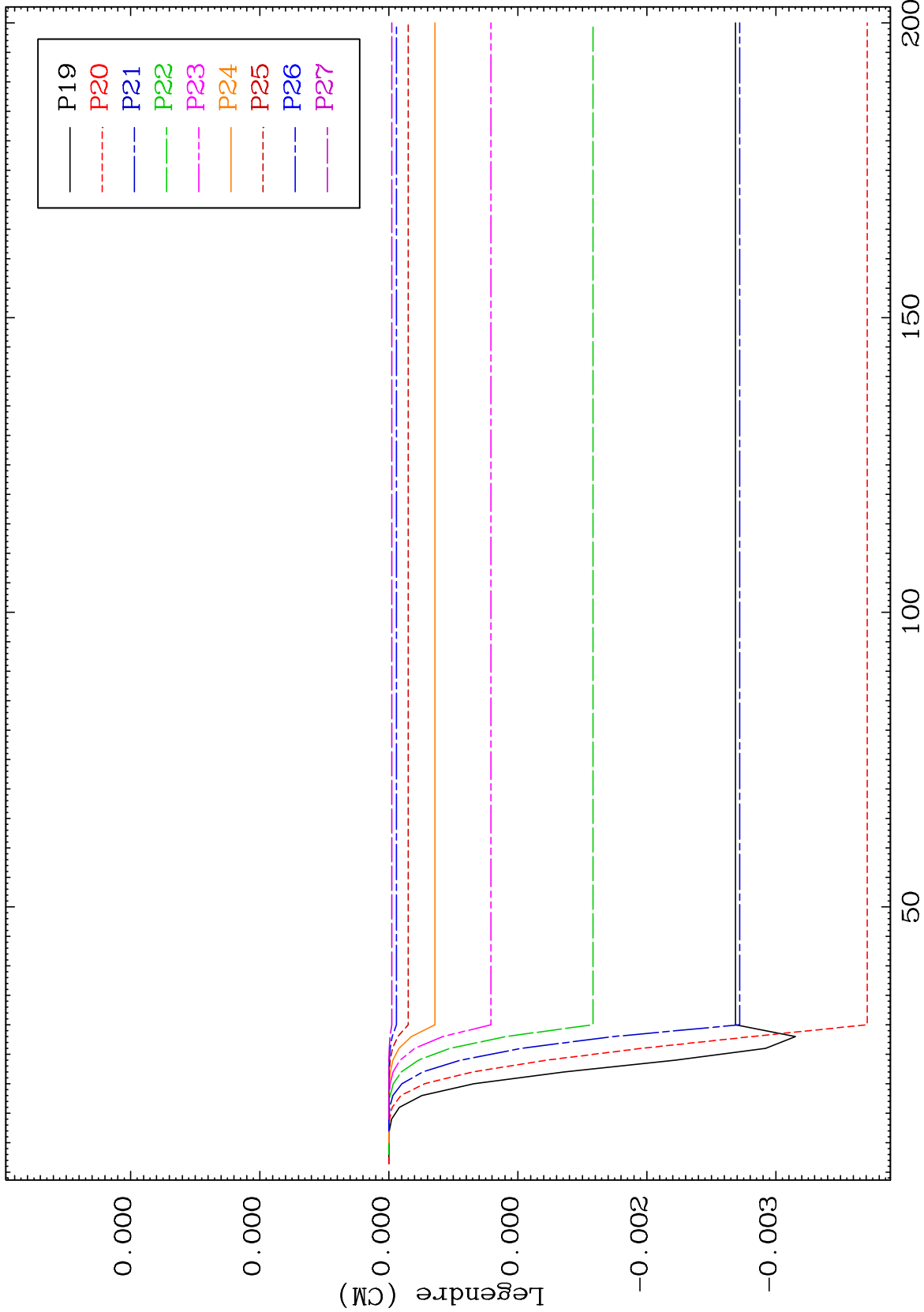
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

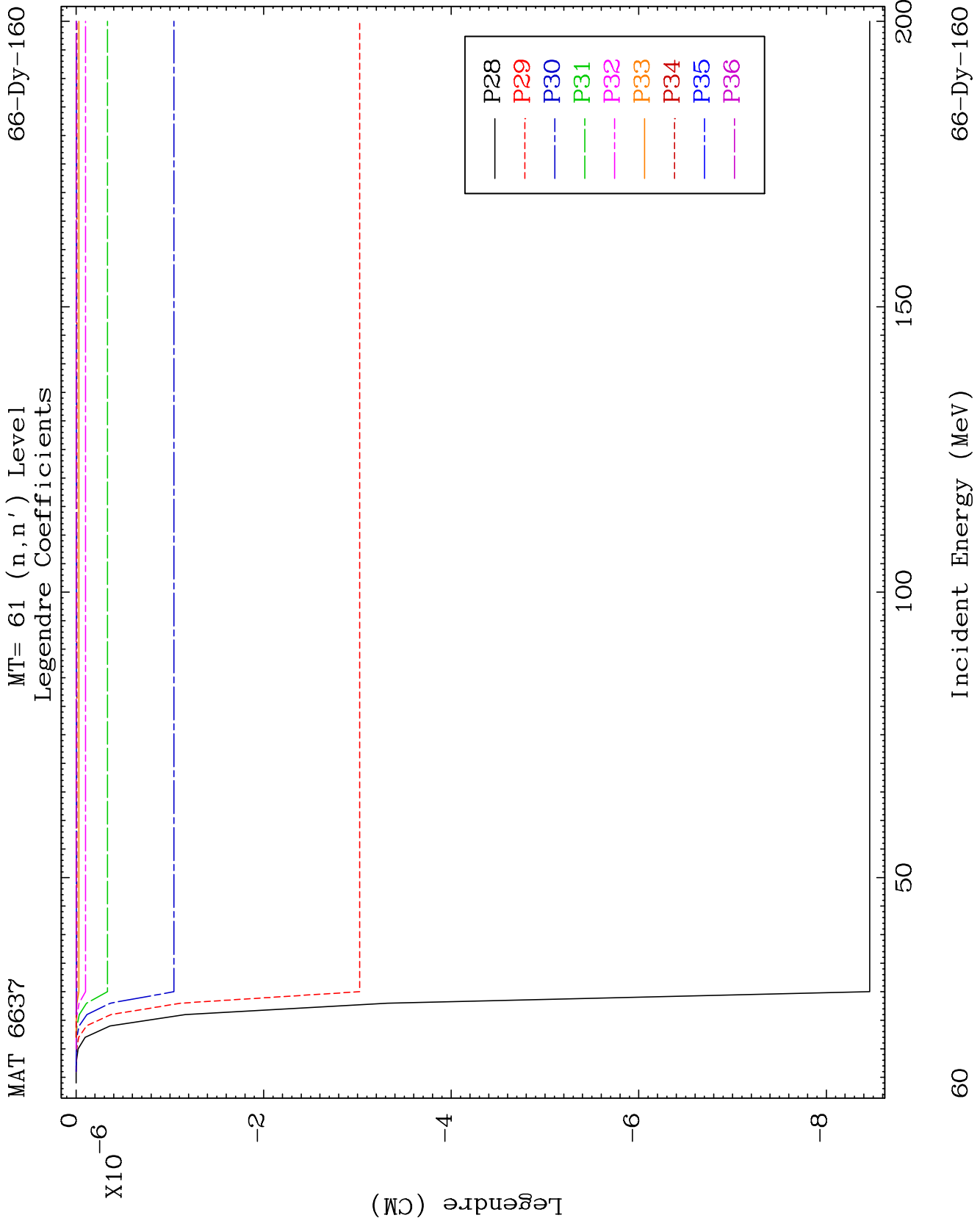
66-Dy-160



59

Incident Energy (MeV)

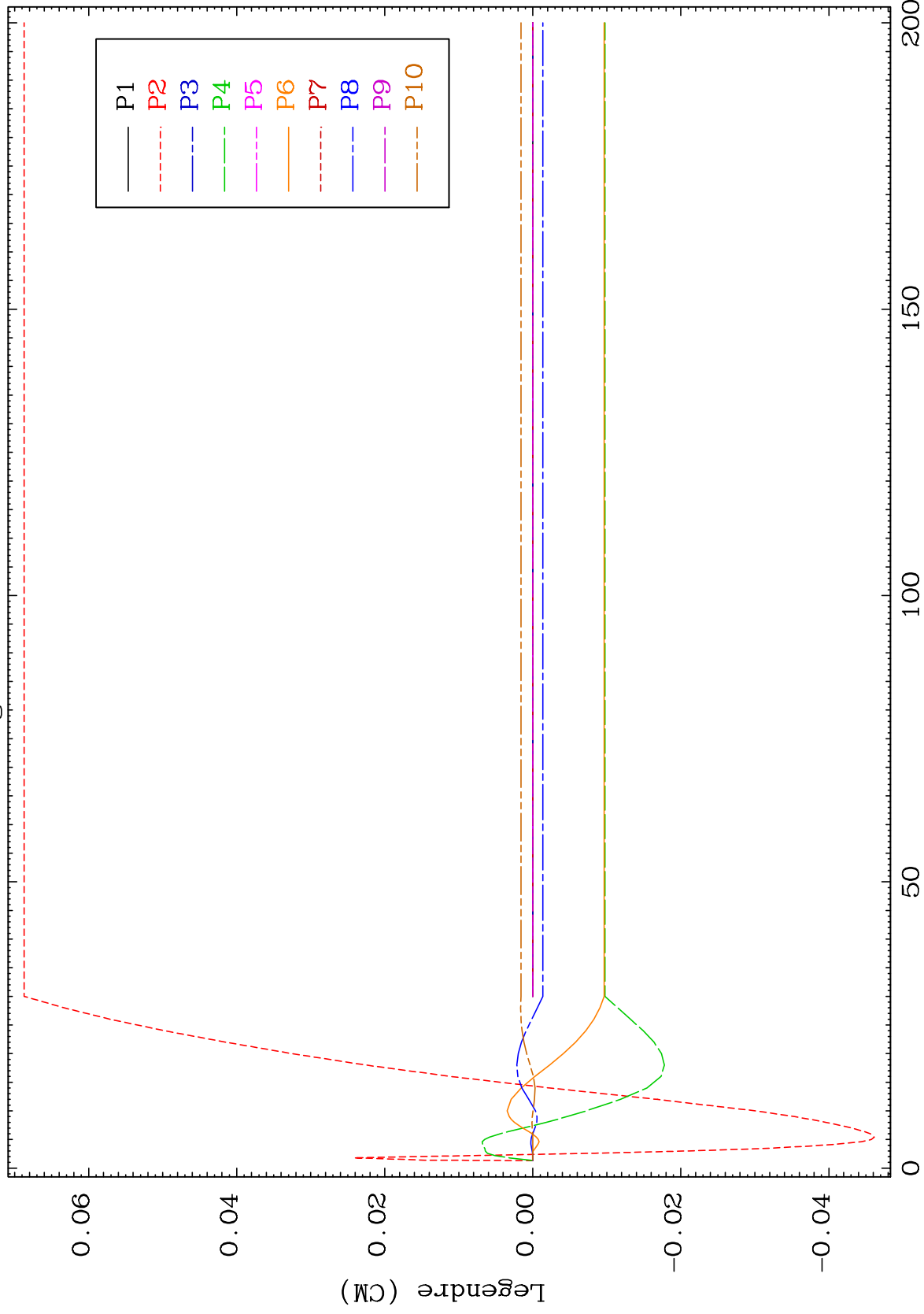
66-Dy-160



MAT 6637

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

66-Dy-160



61

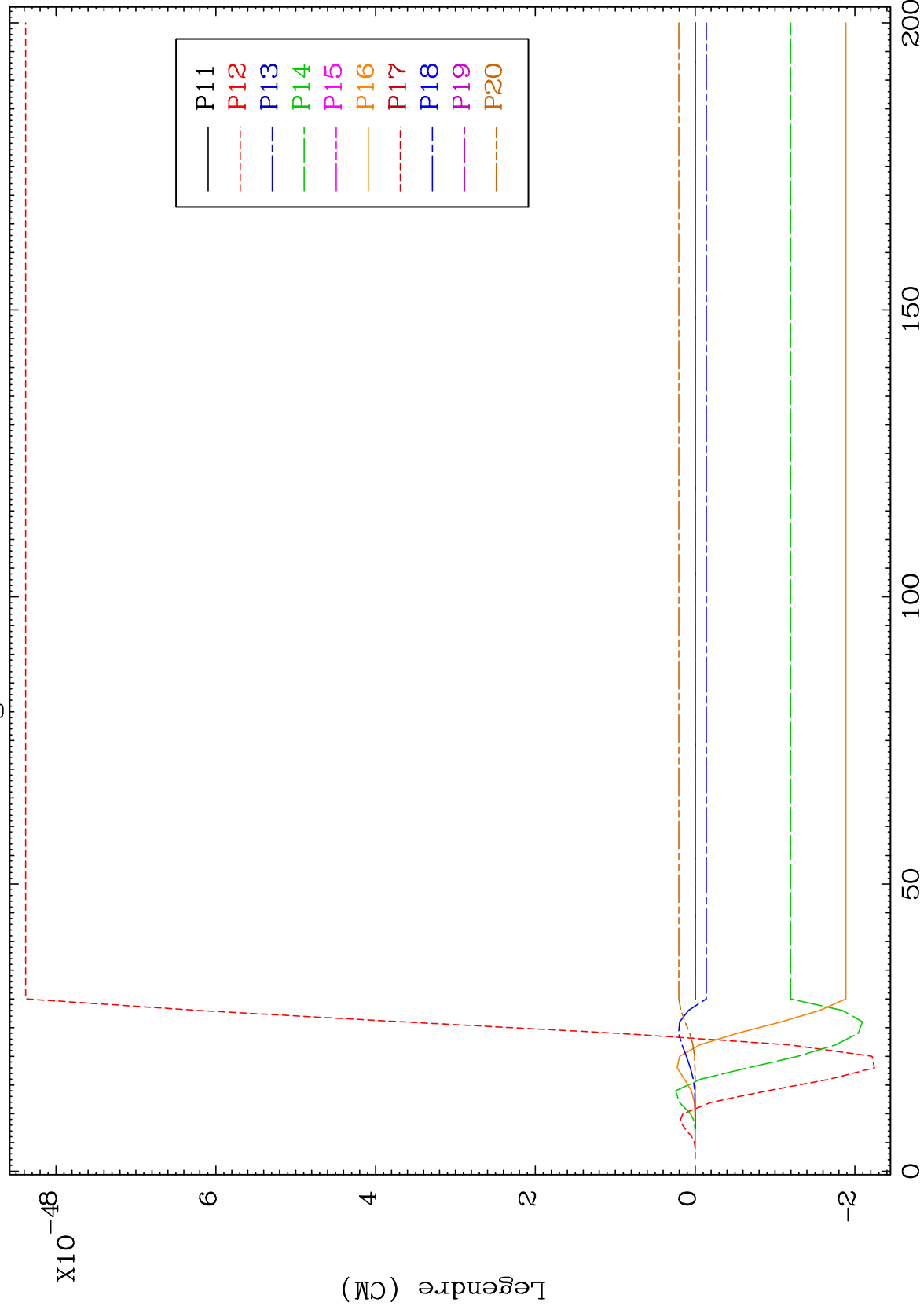
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



62

Incident Energy (MeV)

66-Dy-160

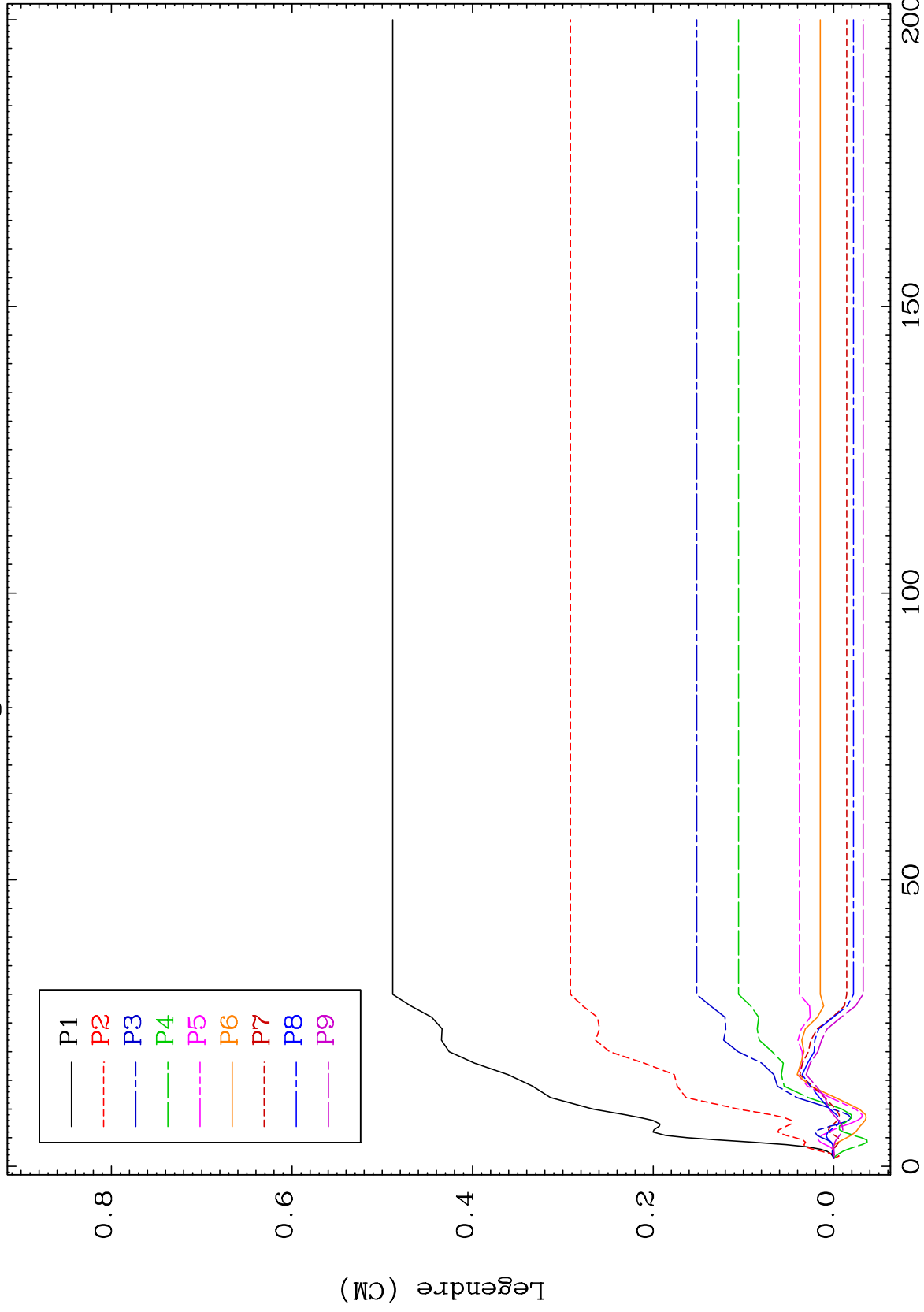




MAT 6637

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

66-Dy-160



64

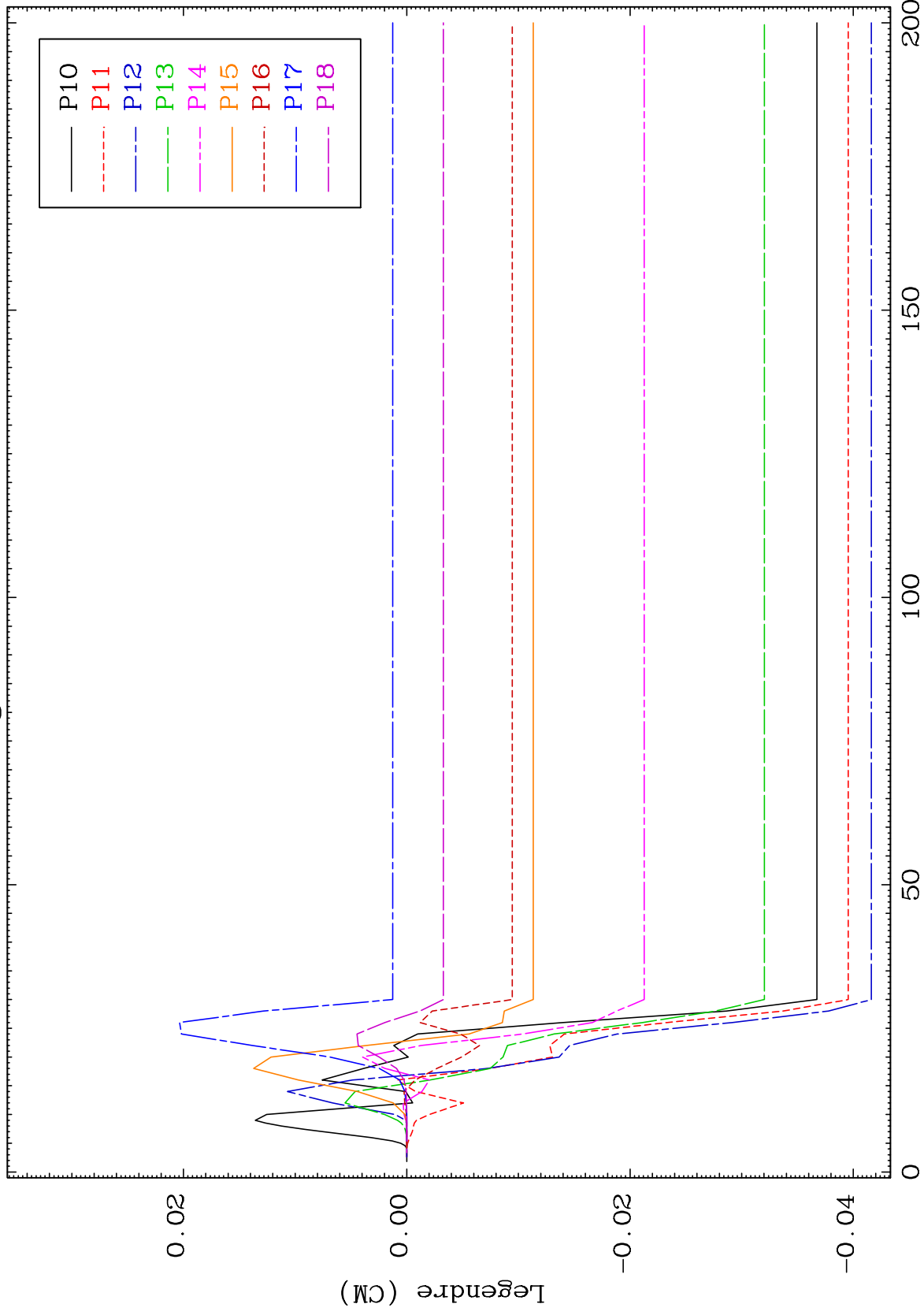
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



65

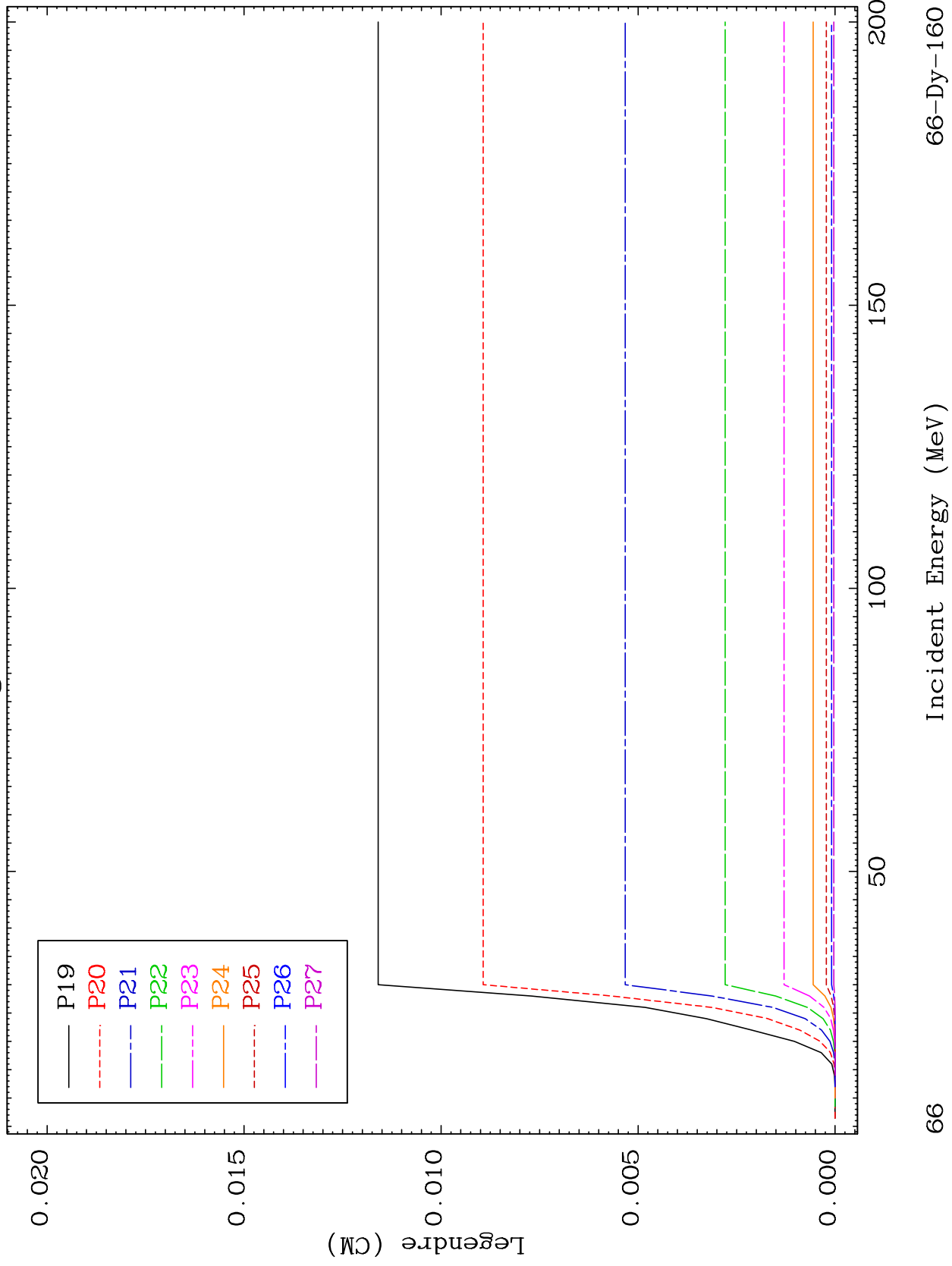
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



66

Incident Energy (MeV)

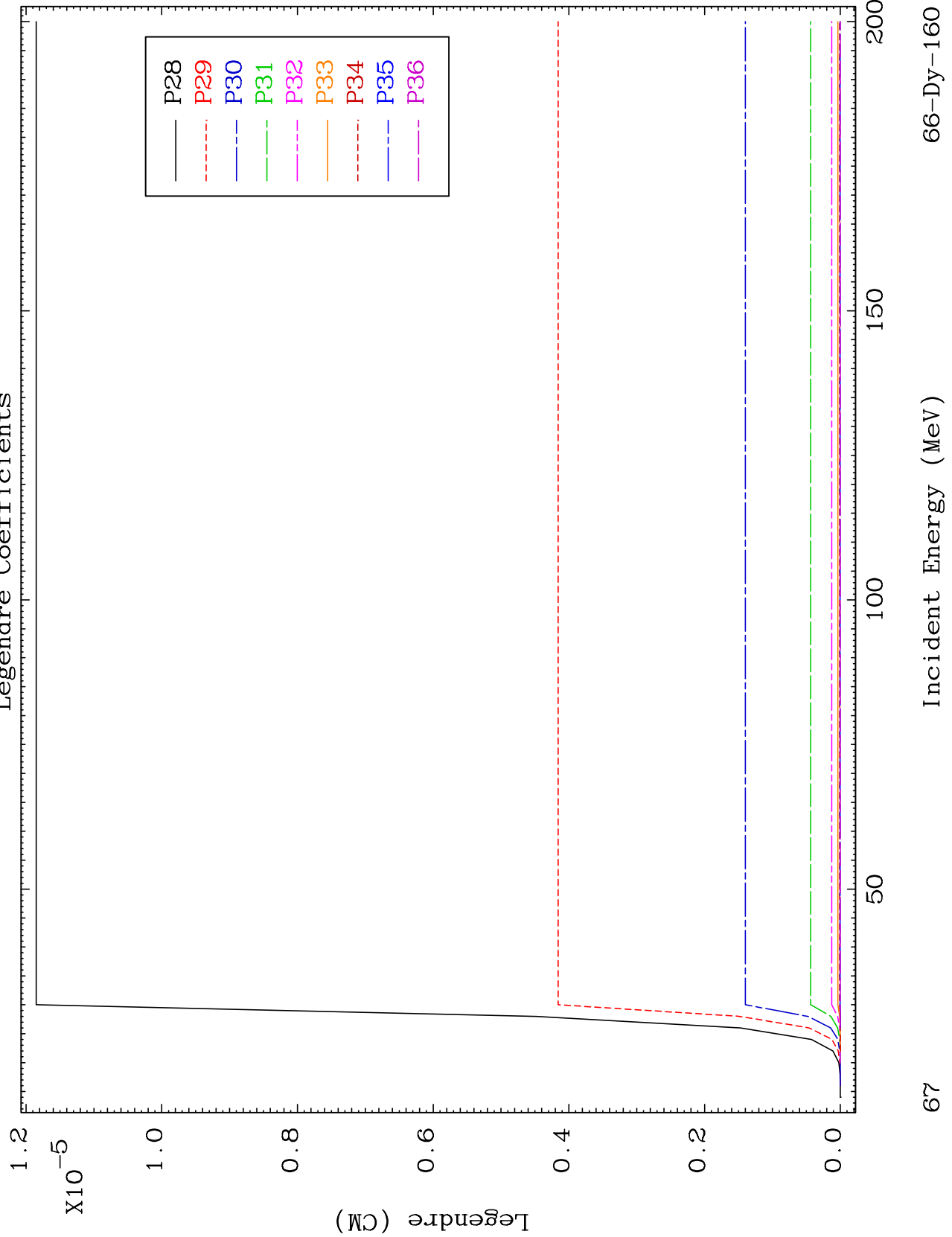
66-Dy-160

MAT 6637

MT= 63 (n,n') Level

66-Dy-160

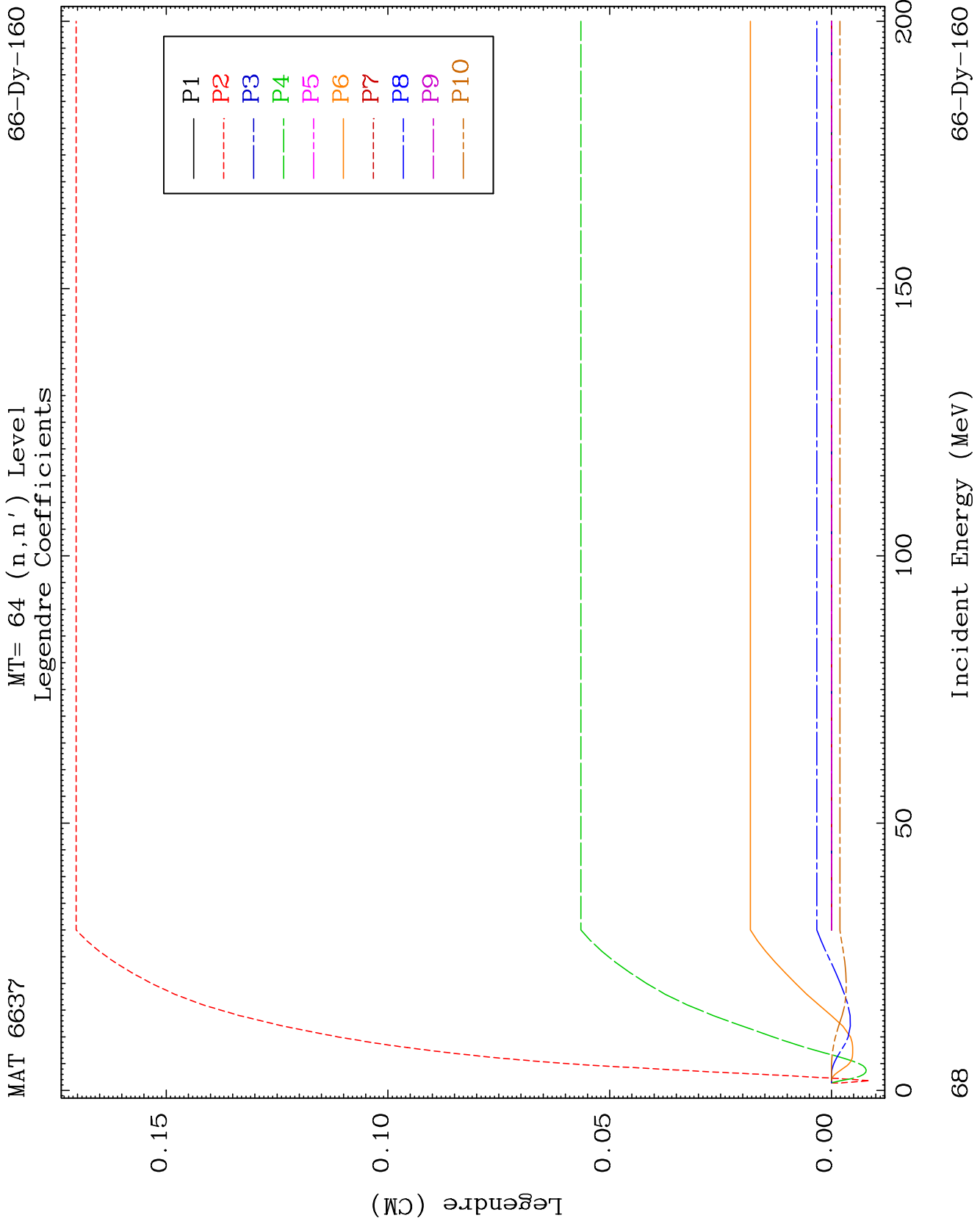
Legendre Coefficients

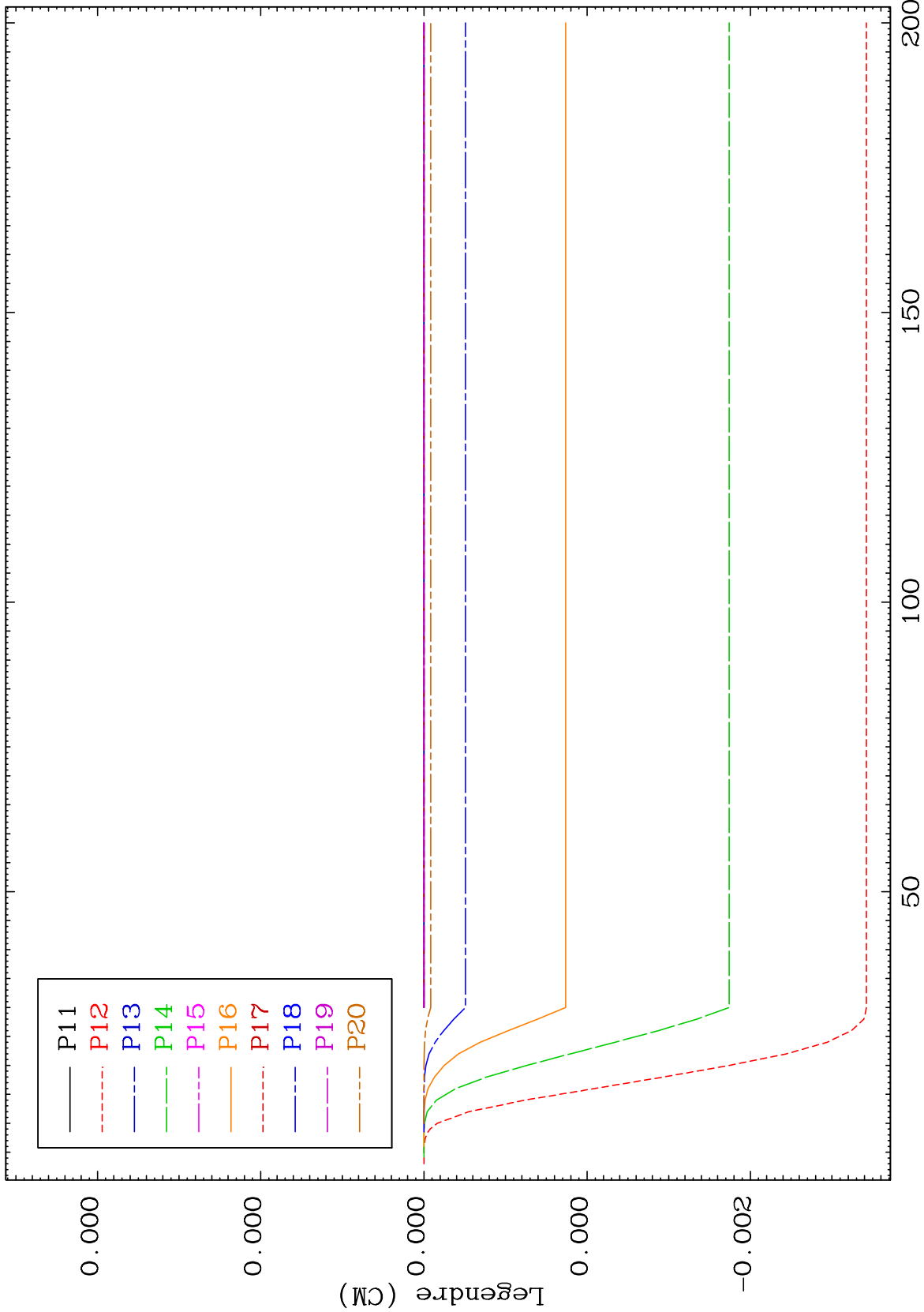


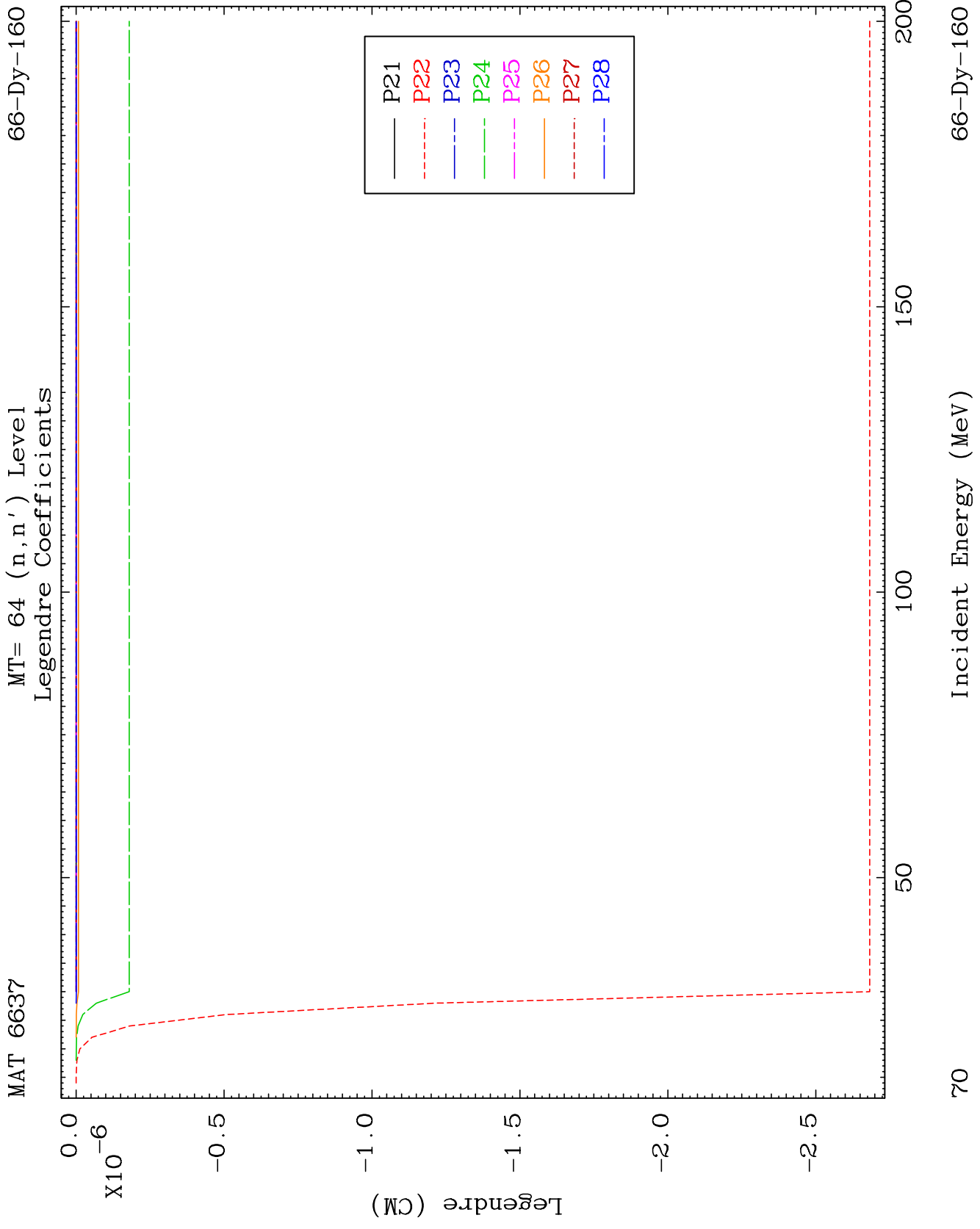
66-Dy-160

Incident Energy (MeV)

67



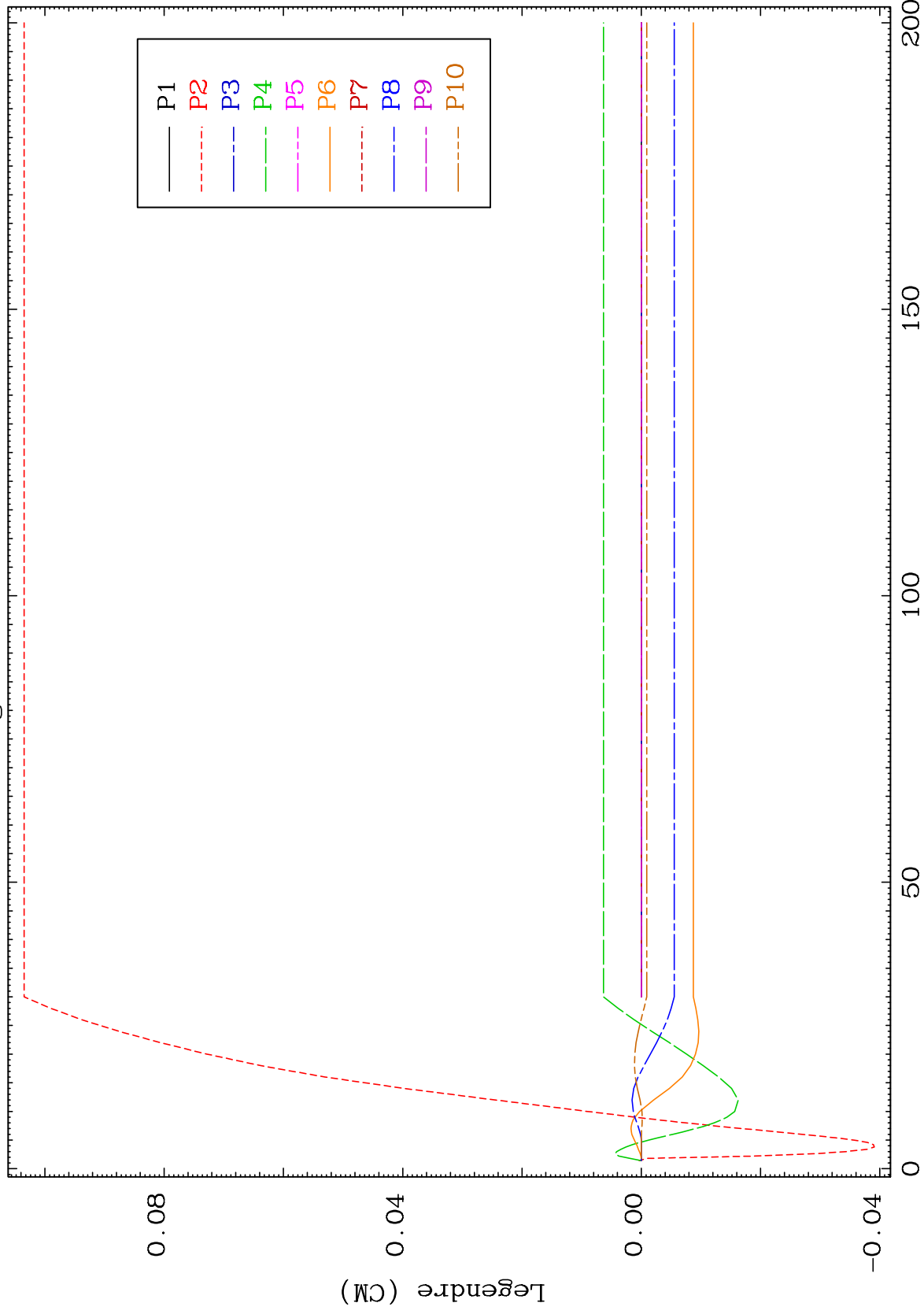




MAT 6637

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

66-Dy-160



71

Incident Energy (MeV)

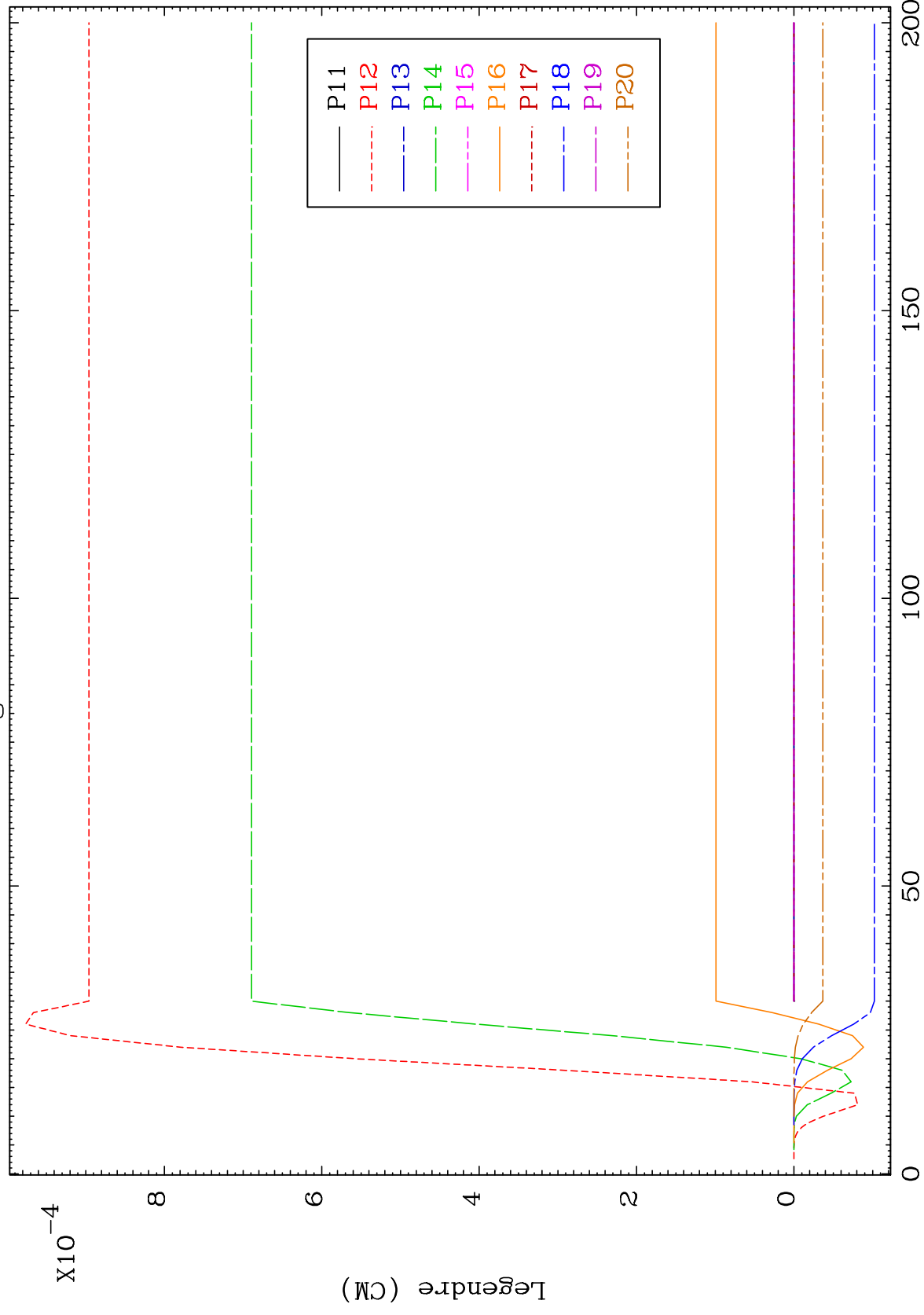
66-Dy-160



MAT 6637

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

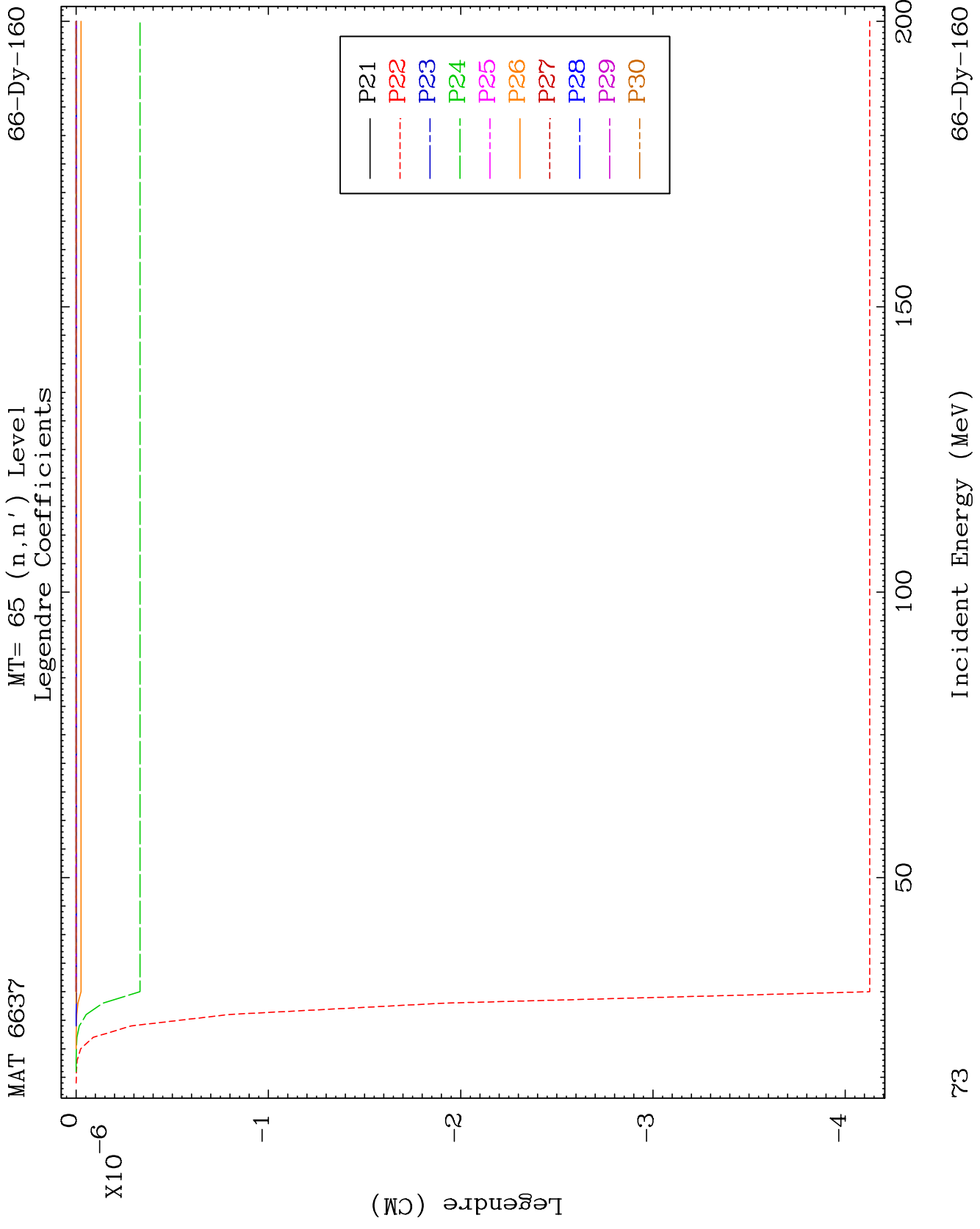
66-Dy-160



72

Incident Energy (MeV)

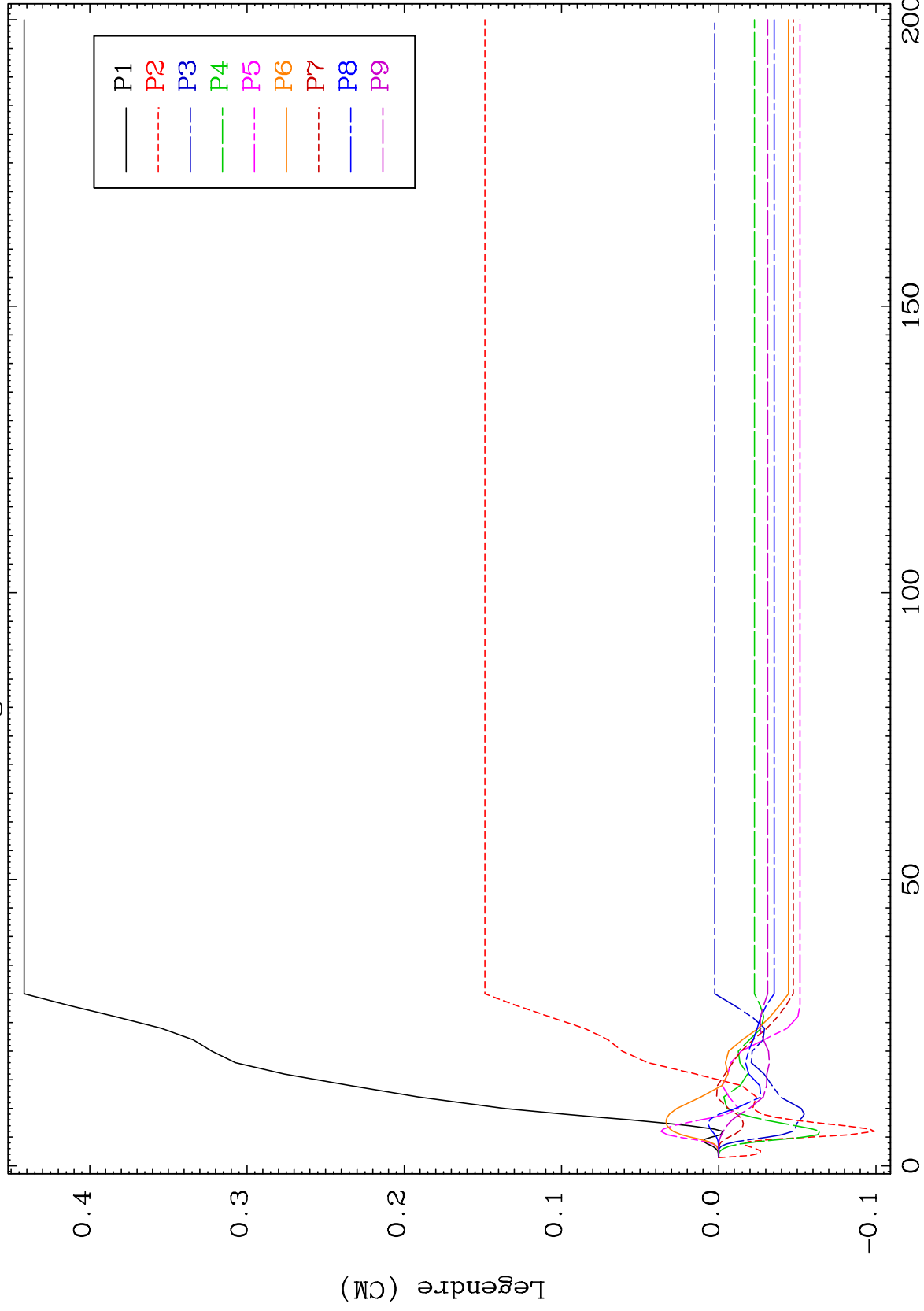
66-Dy-160



MAT 6637

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

66-Dy-160



74

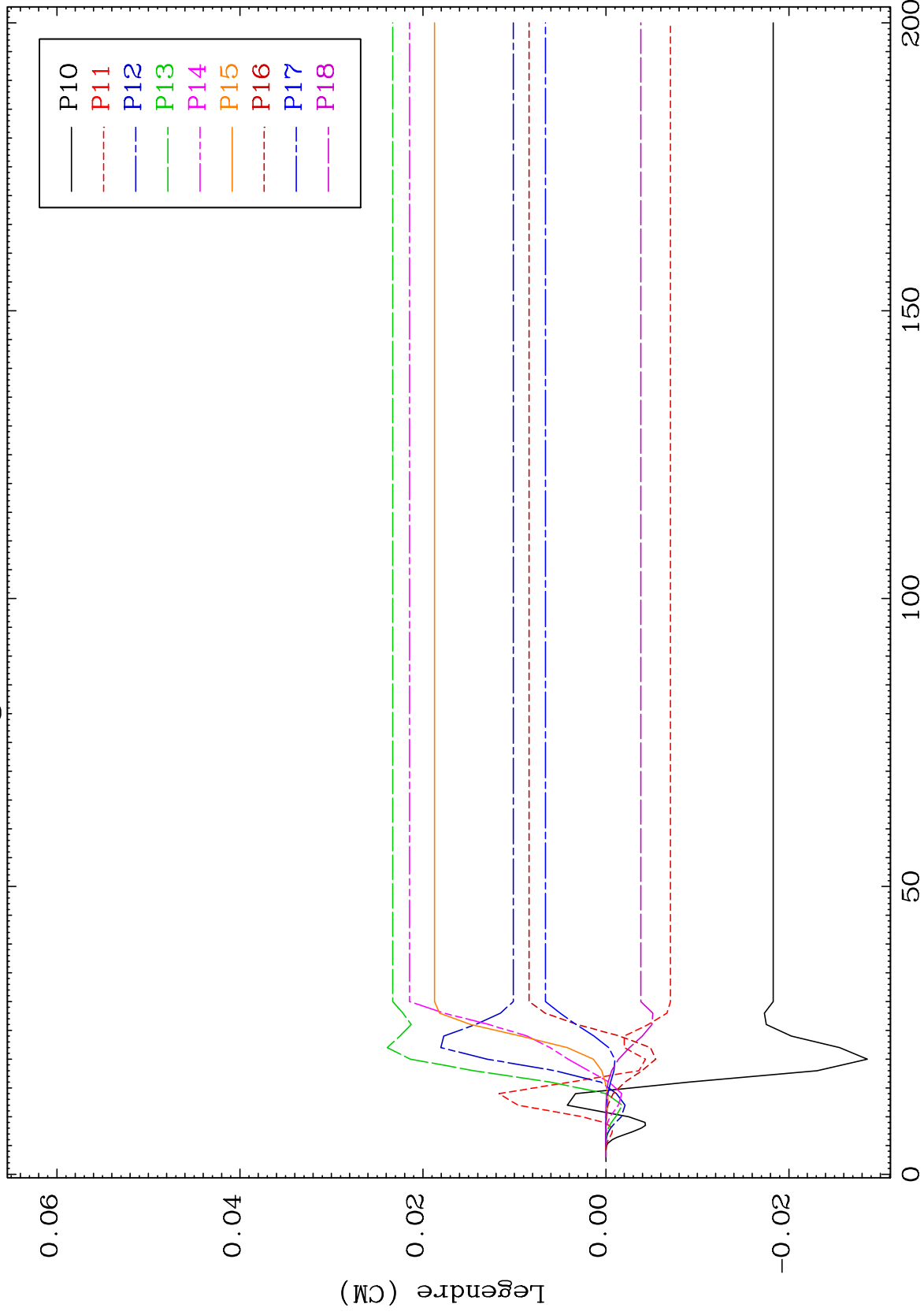
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



75

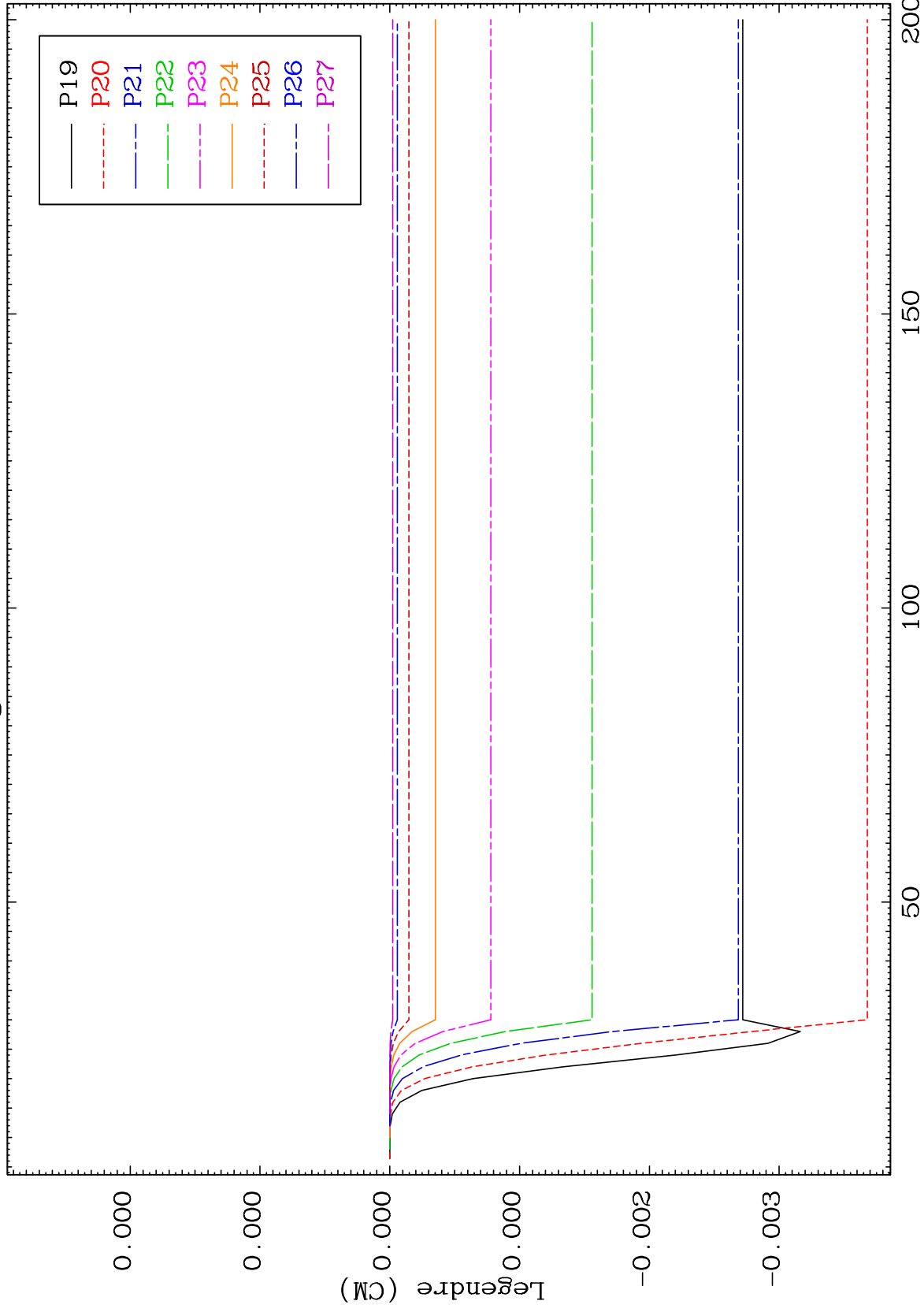
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

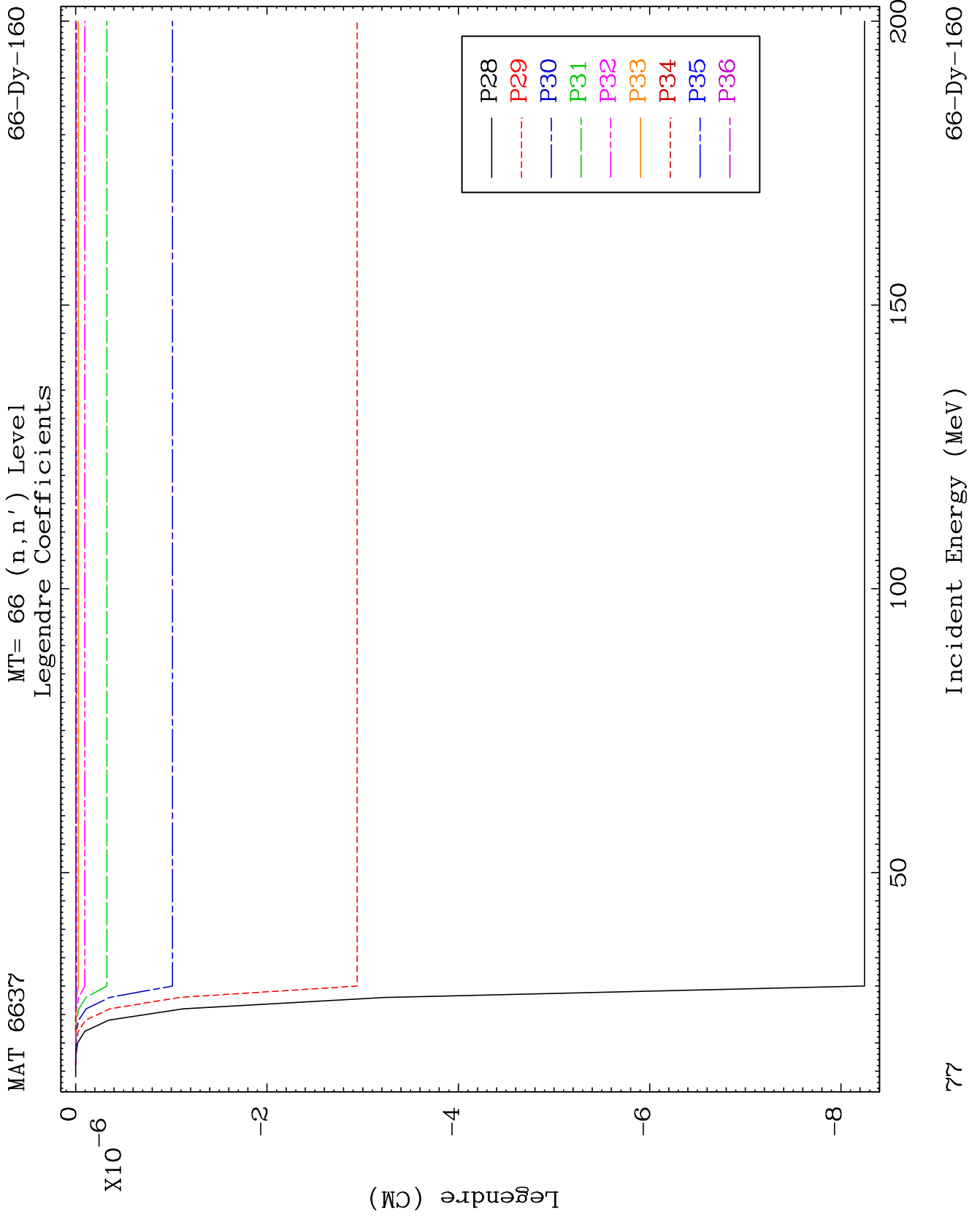
66-Dy-160



76

Incident Energy (MeV)

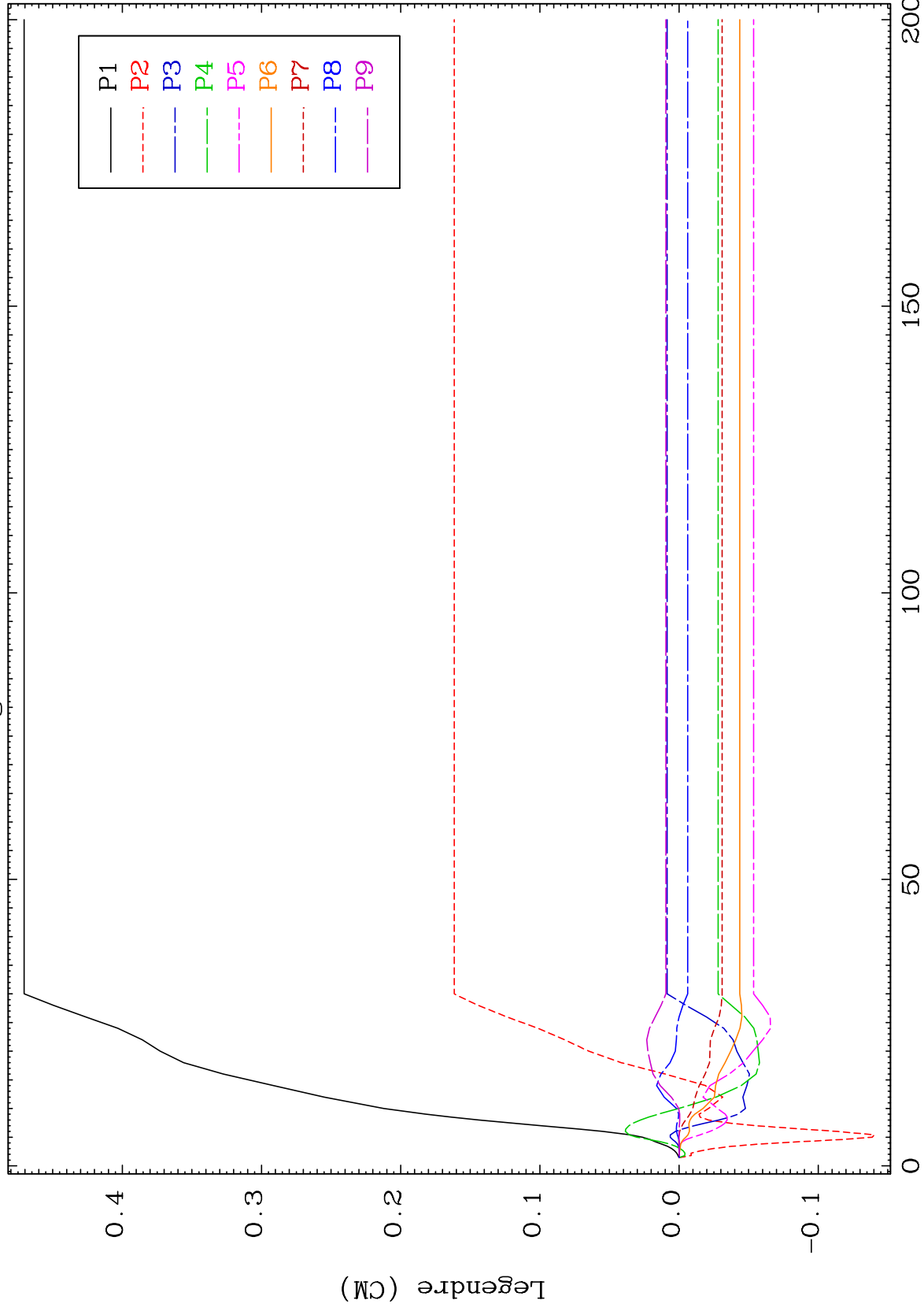
66-Dy-160



MAT 6637

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

66-Dy-160



66-Dy-160

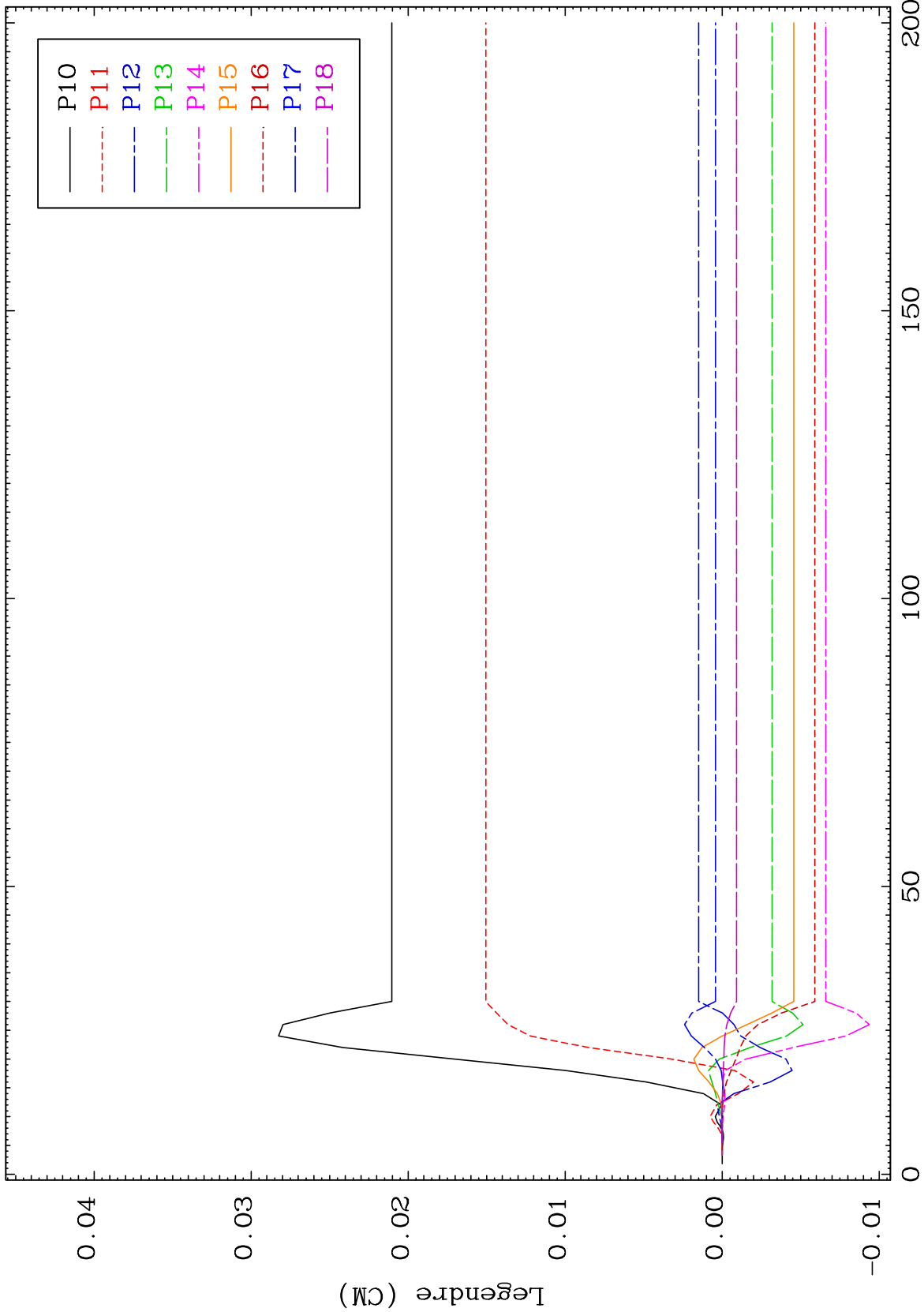
Incident Energy (MeV)

78

MAT 6637

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

66-Dy-160



79

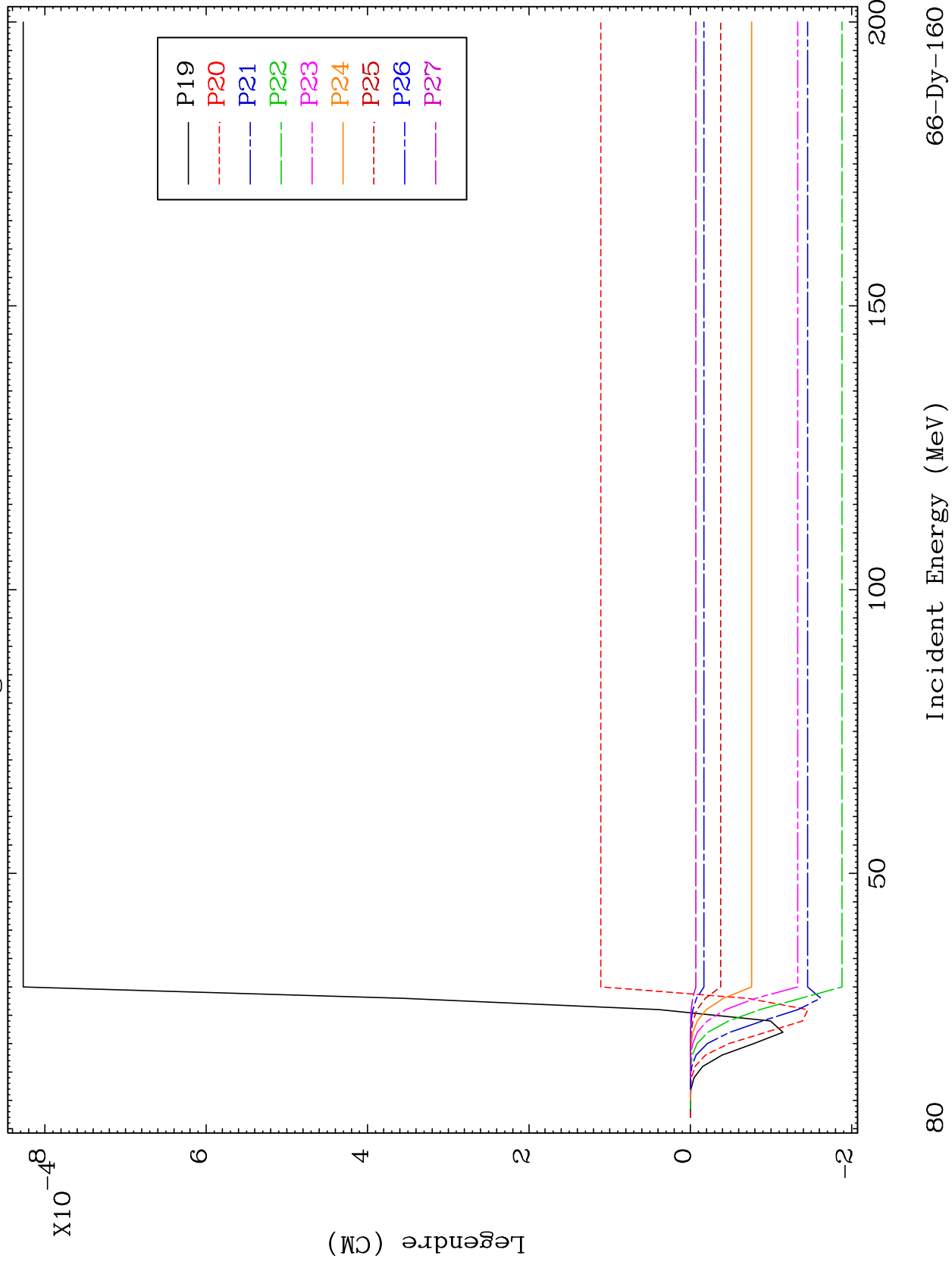
66-Dy-160



MAT 6637

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

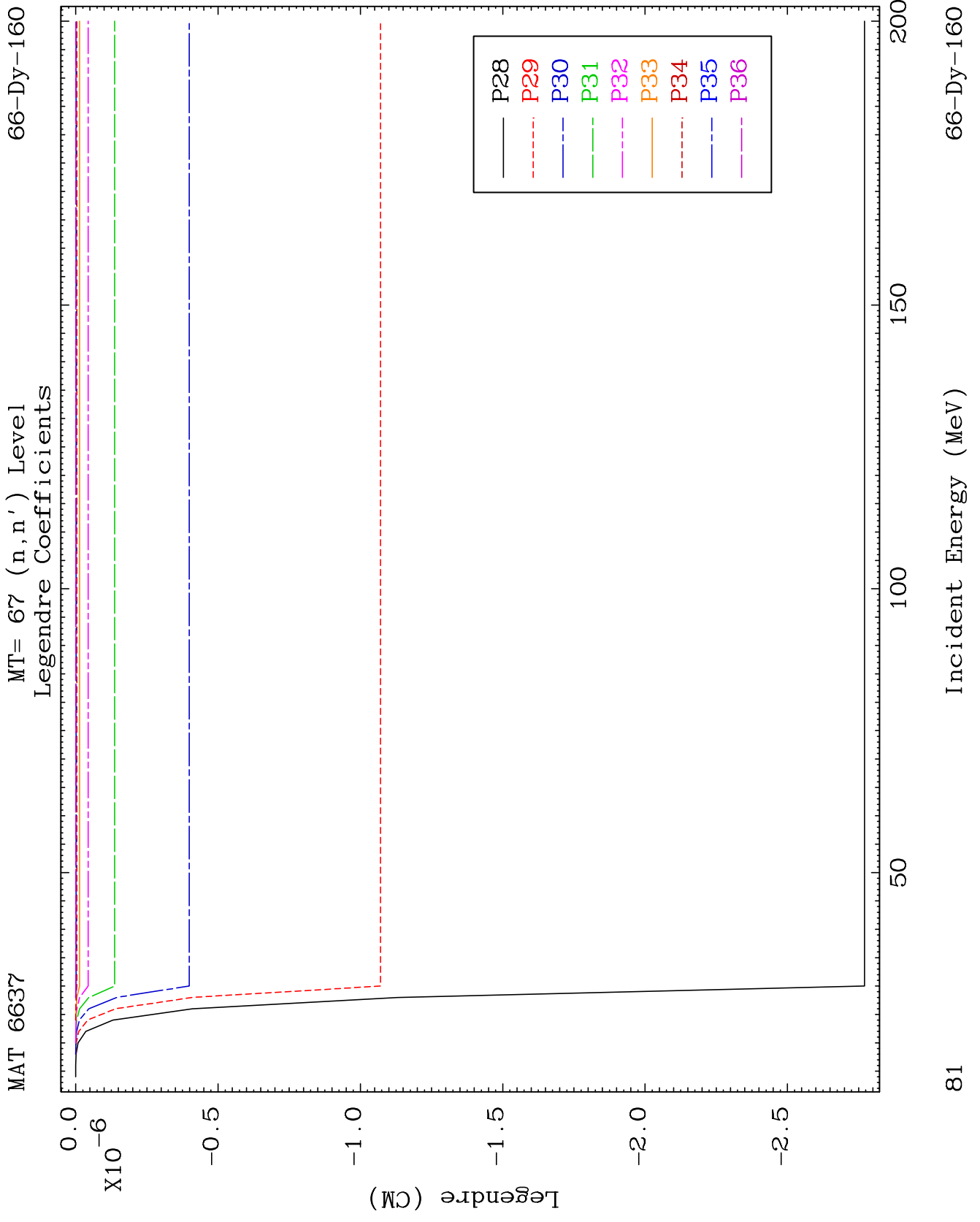
66-Dy-160



80

Incident Energy (MeV)

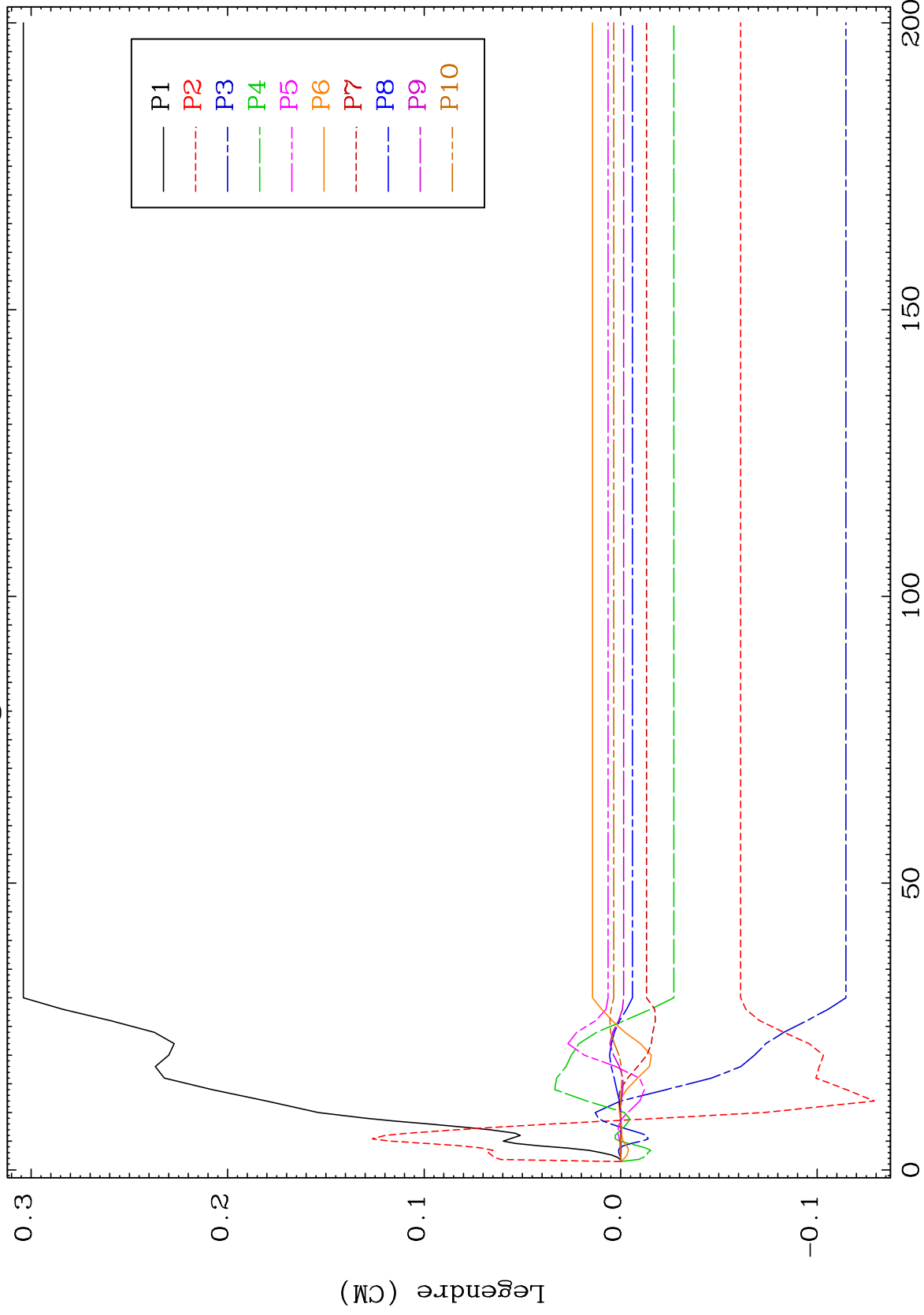
66-Dy-160



MAT 6637

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

66-Dy-160



82

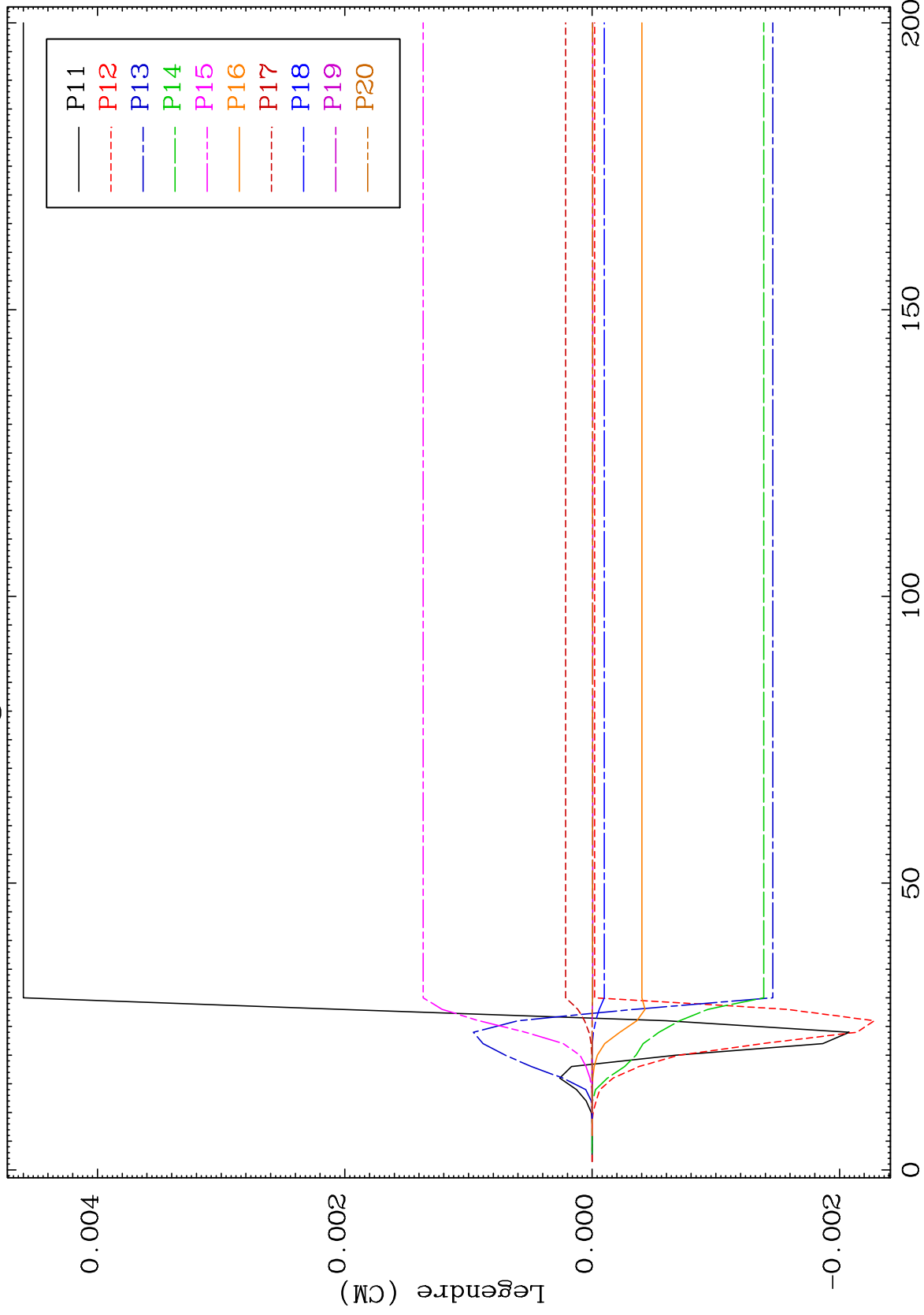
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



83

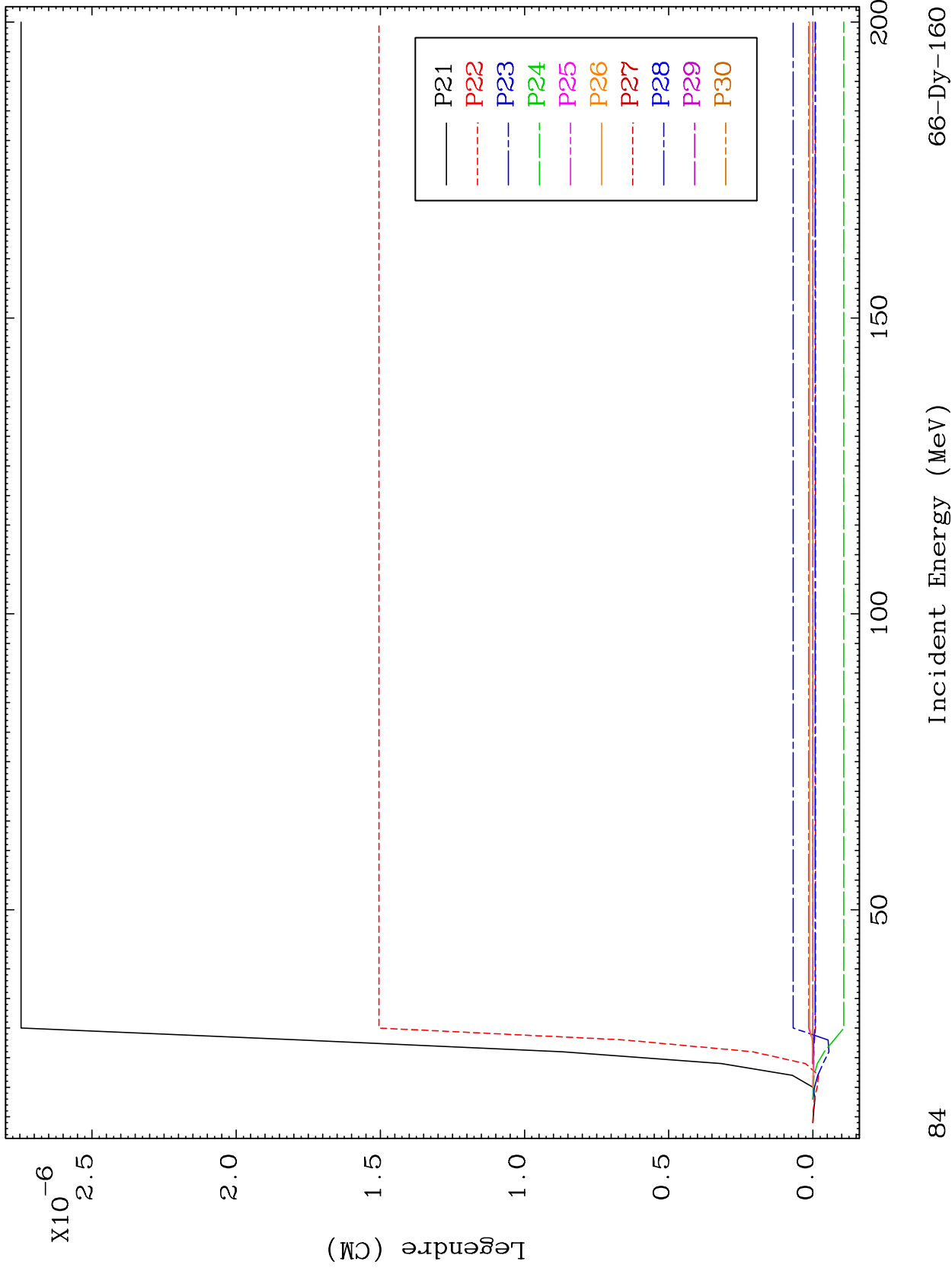
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



84

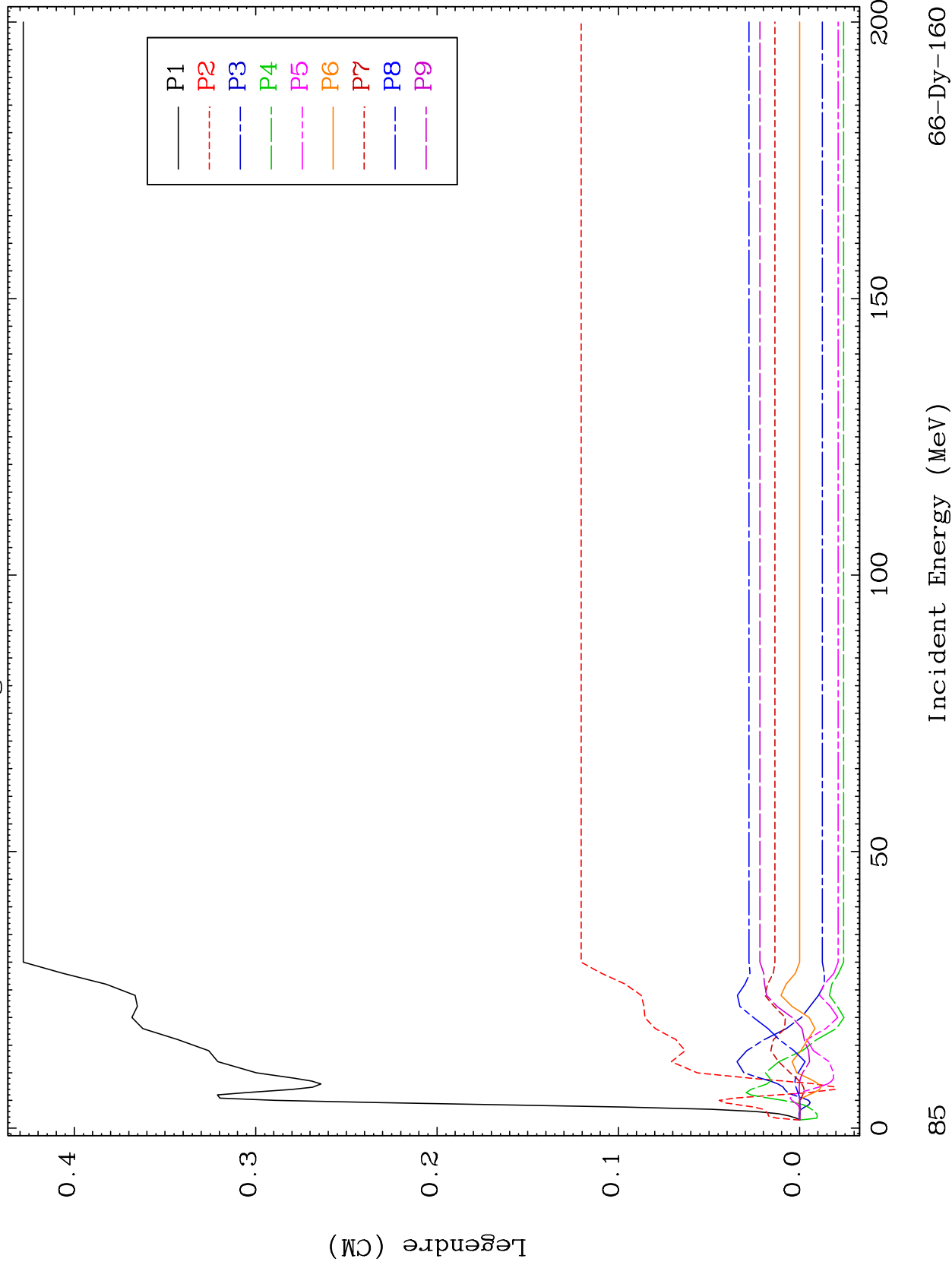
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



66-Dy-160

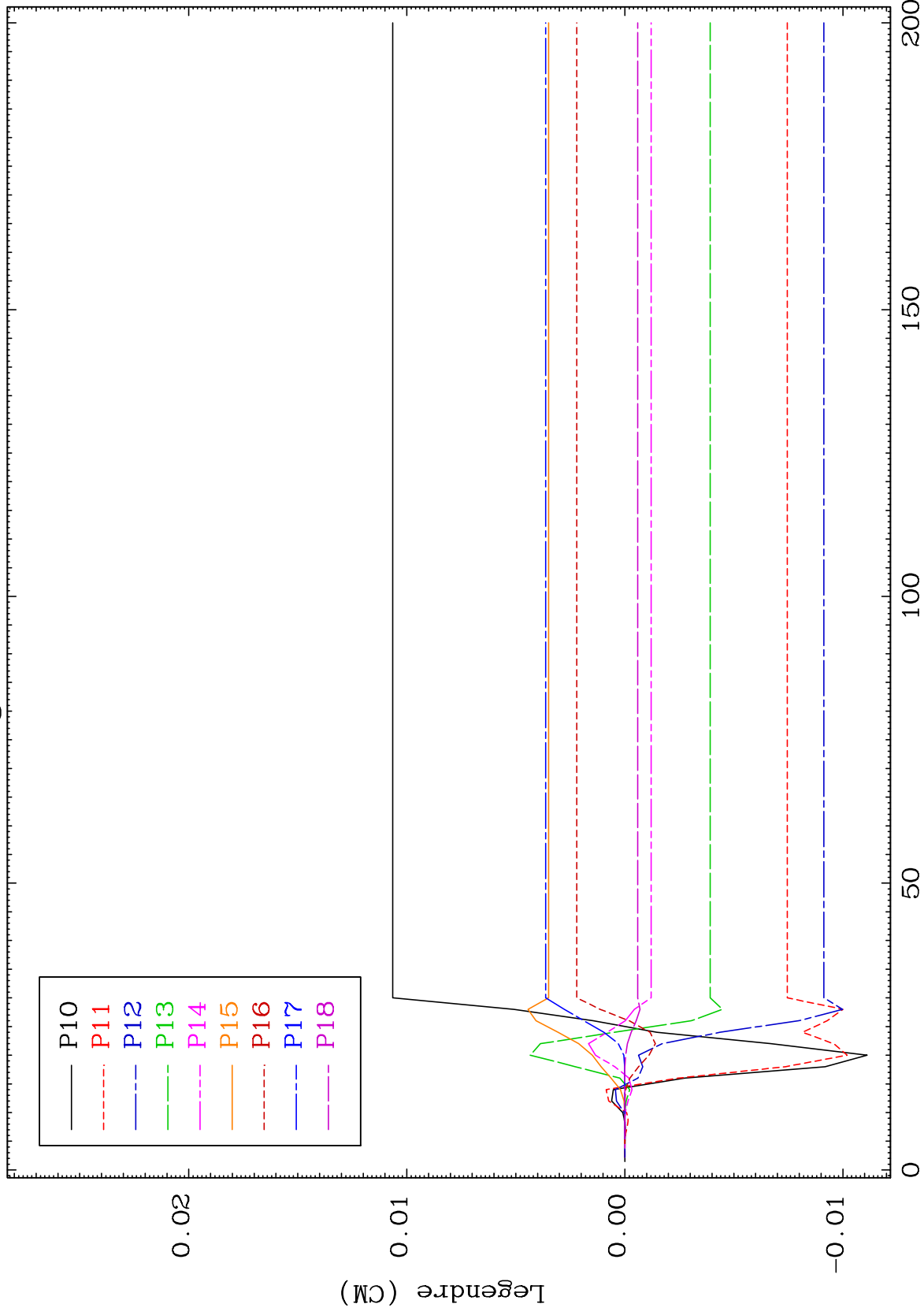
Incident Energy (MeV)

85

MAT 6637

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

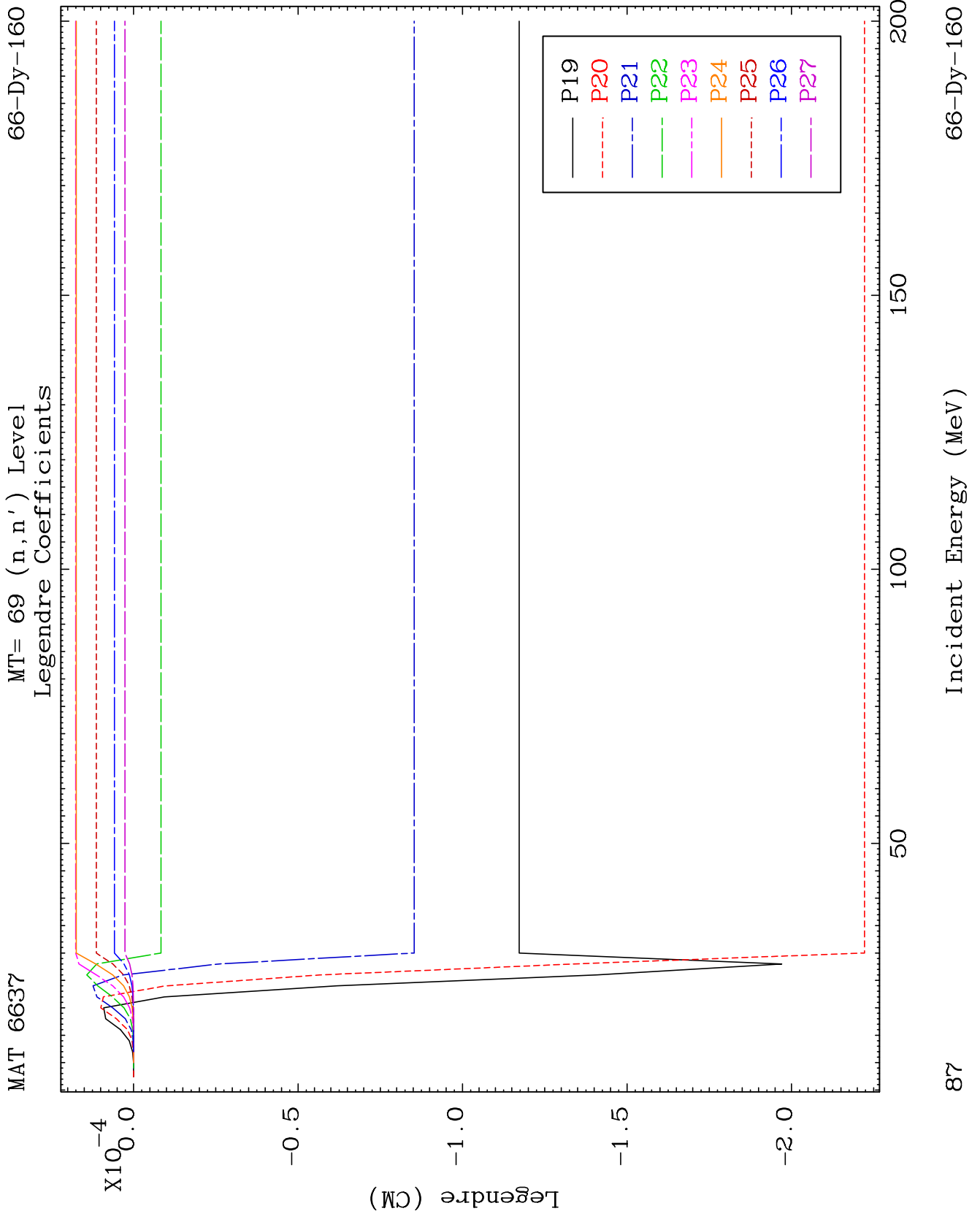
66-Dy-160



86

Incident Energy (MeV)

66-Dy-160

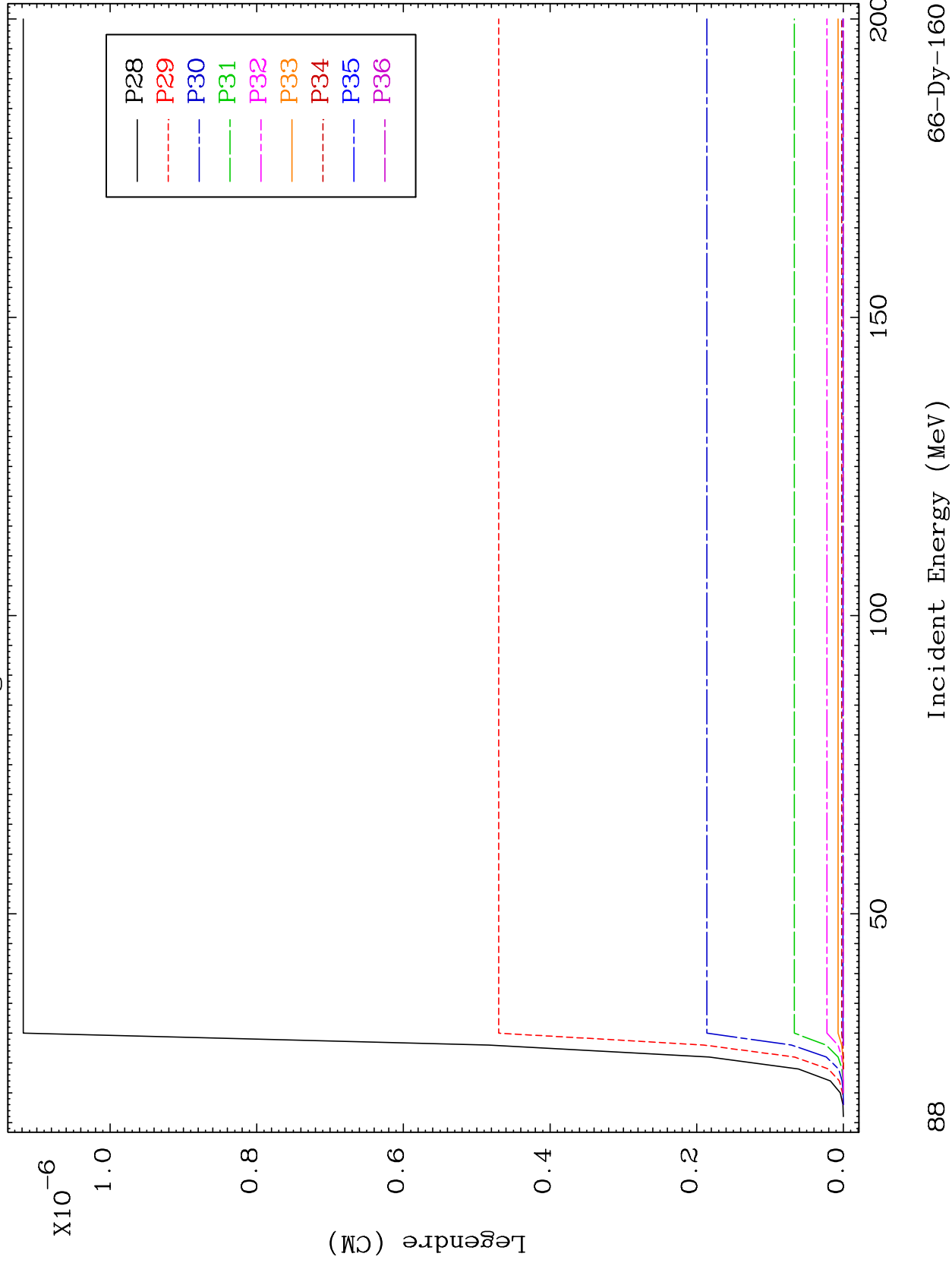




MAT 6637

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

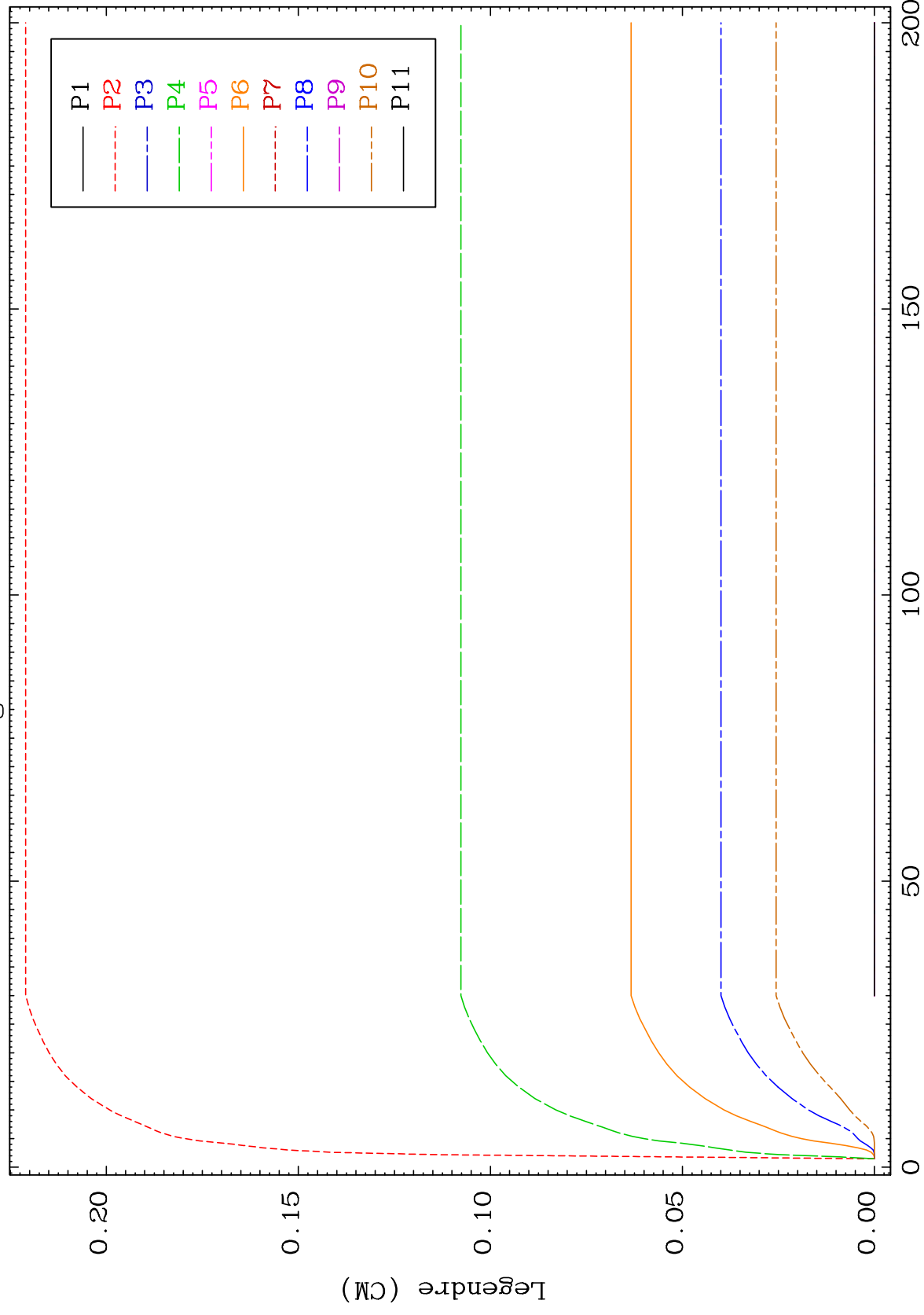
66-Dy-160



MAT 6637

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

66-Dy-160



89

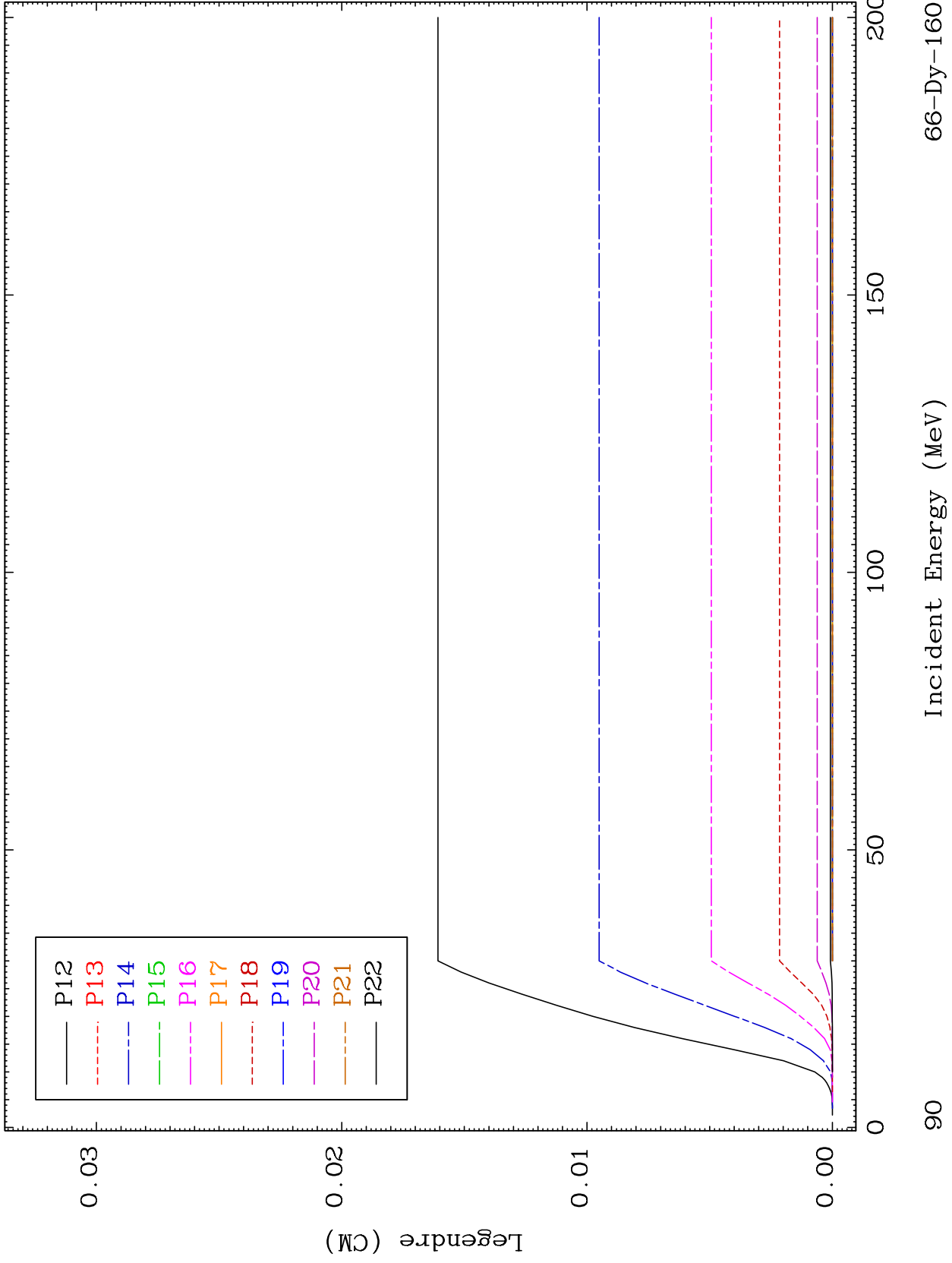
Incident Energy (MeV)

66-Dy-160

MAT 6637

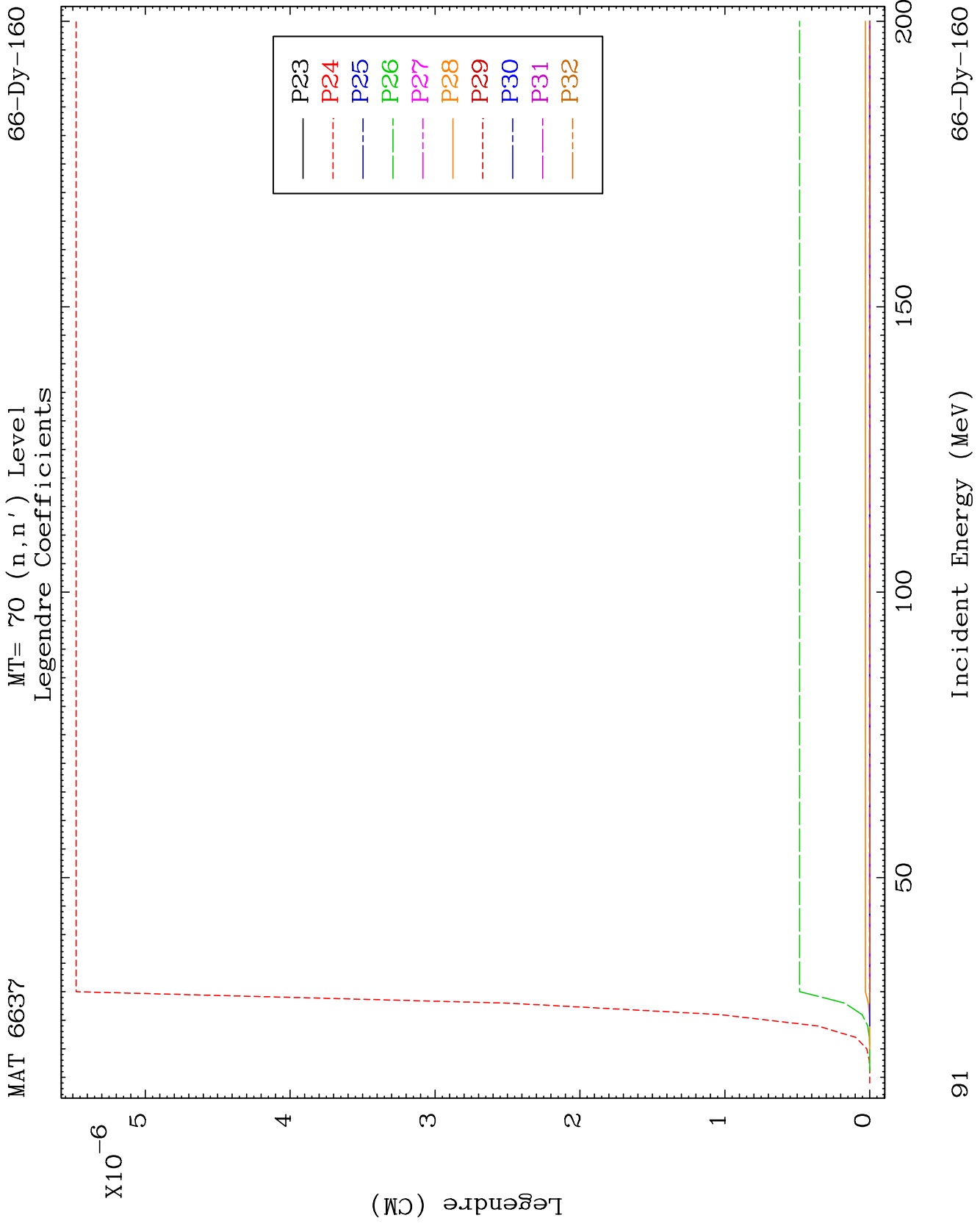
MT= 70 (n,n') Level  
Legendre Coefficients

66-Dy-160



66-Dy-160

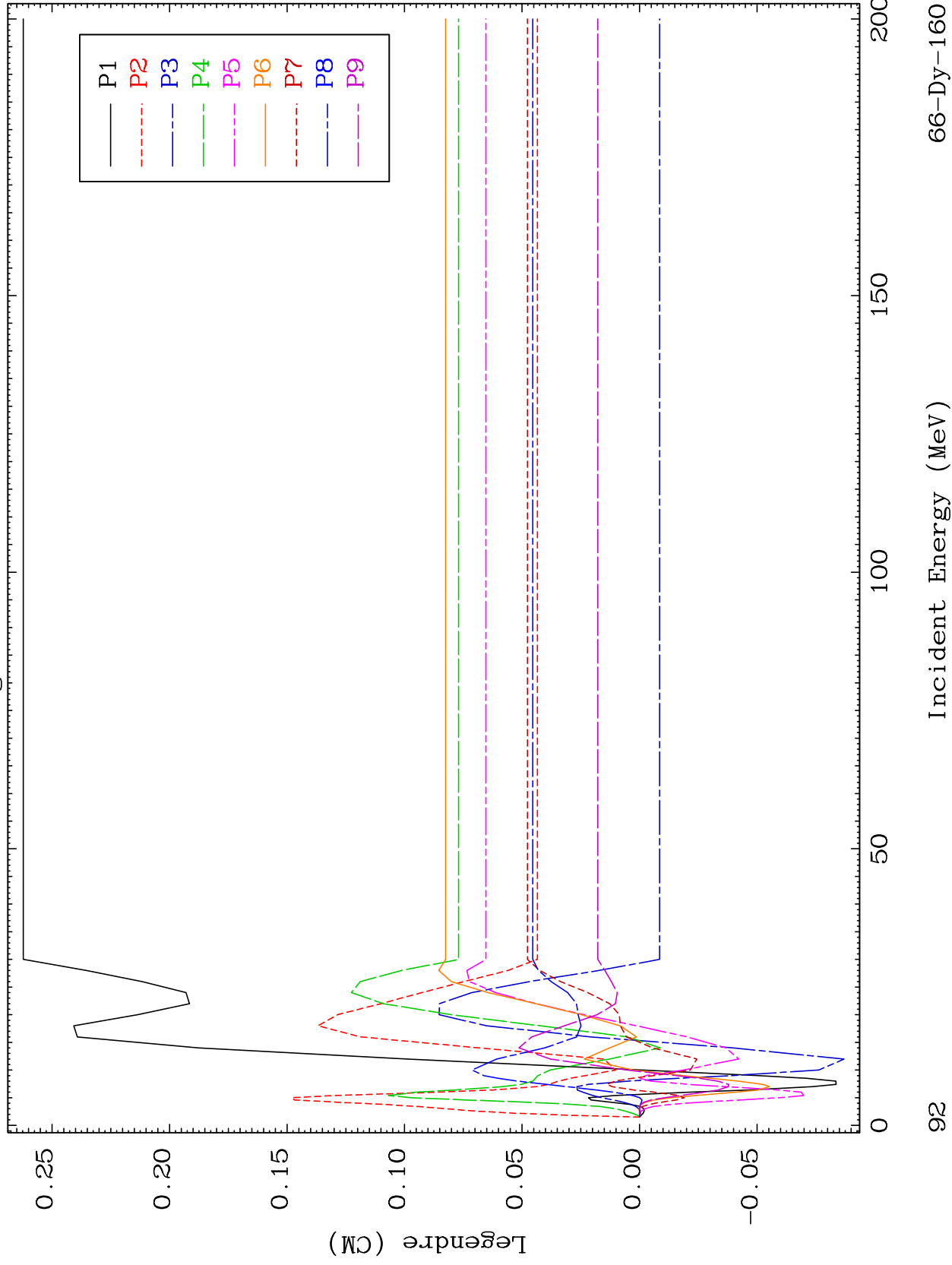
Incident Energy (MeV)



MAT 6637

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

66-Dy-160



66-Dy-160

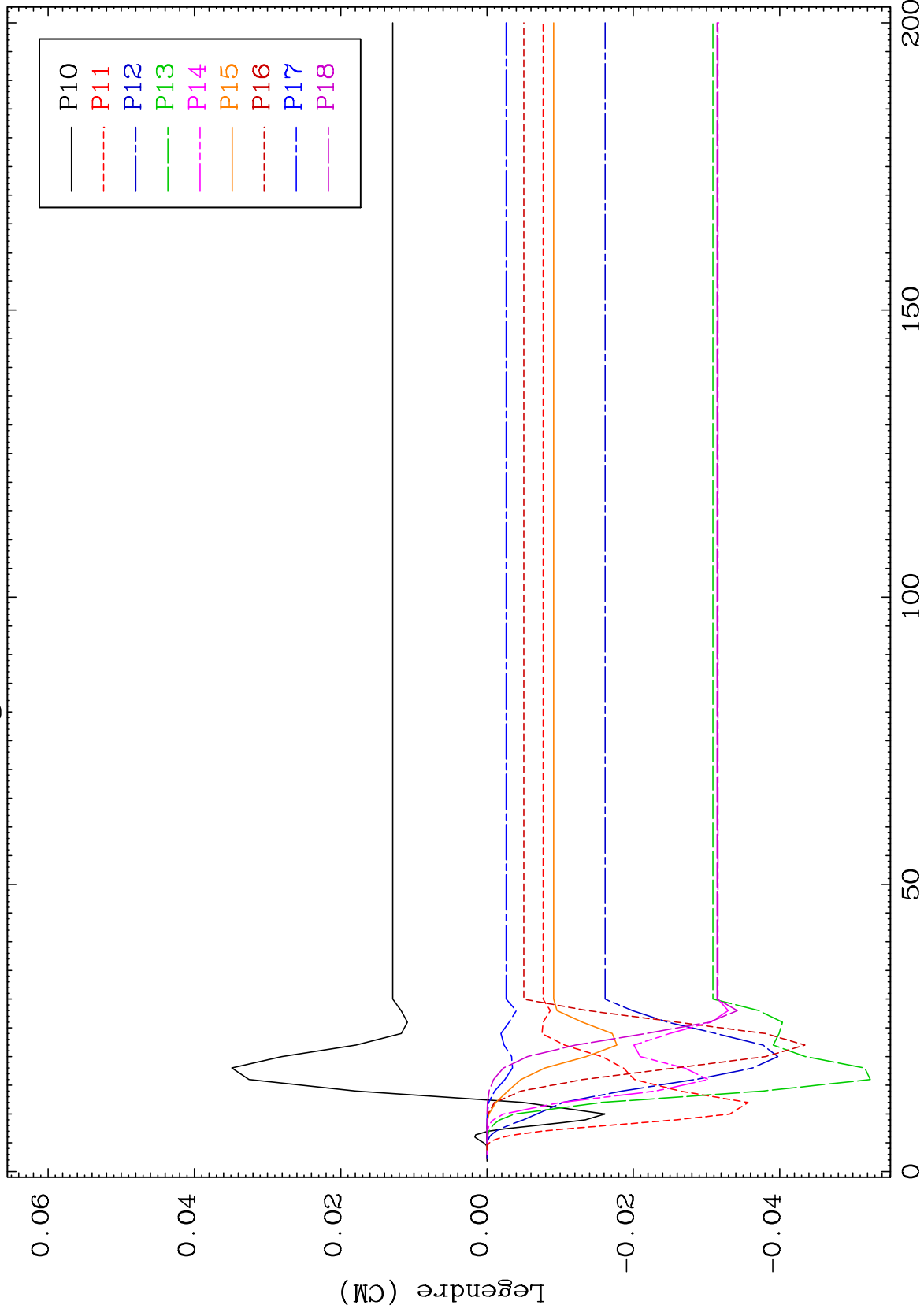
Incident Energy (MeV)

92

MAT 6637

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

66-Dy-160



93

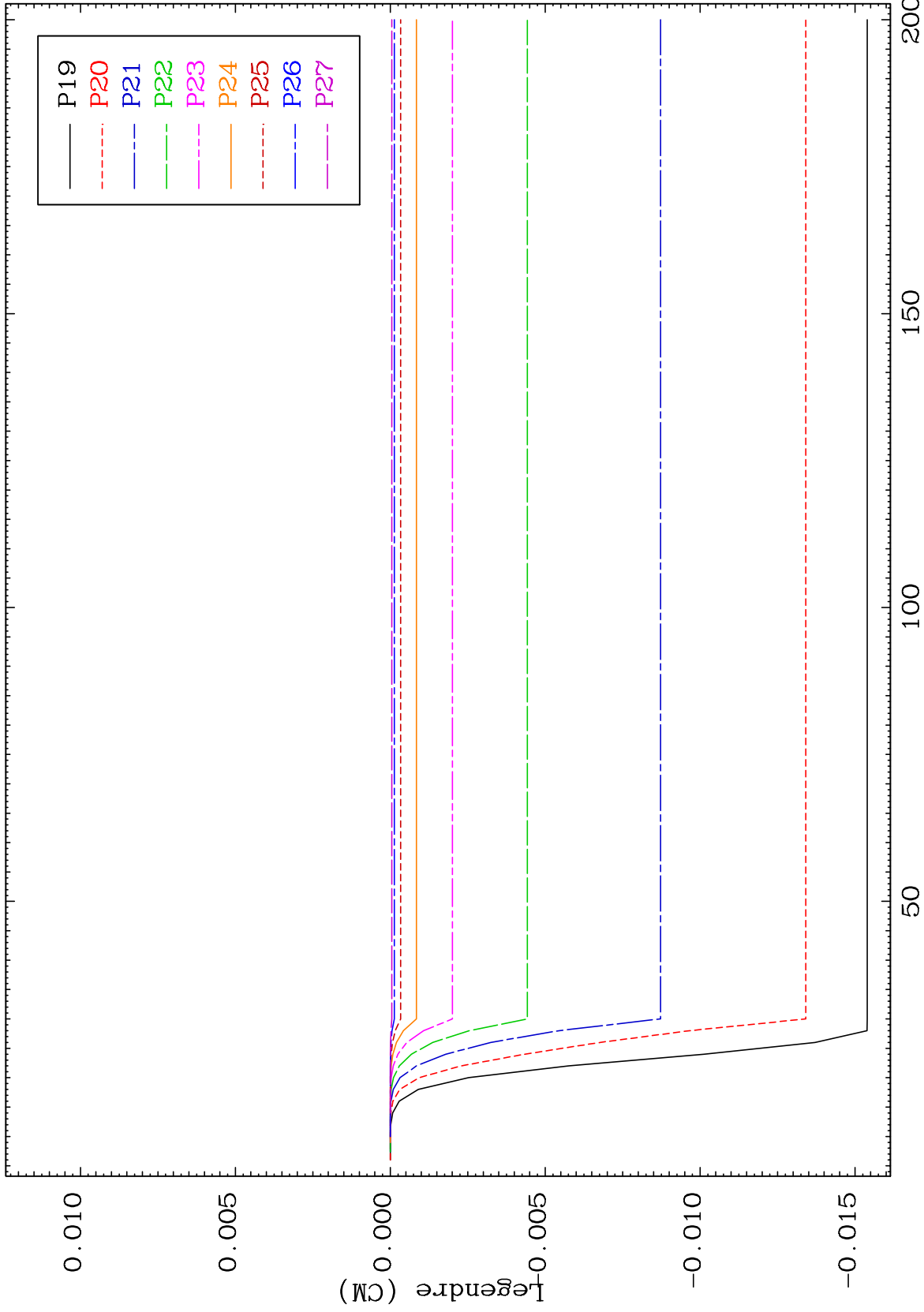
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

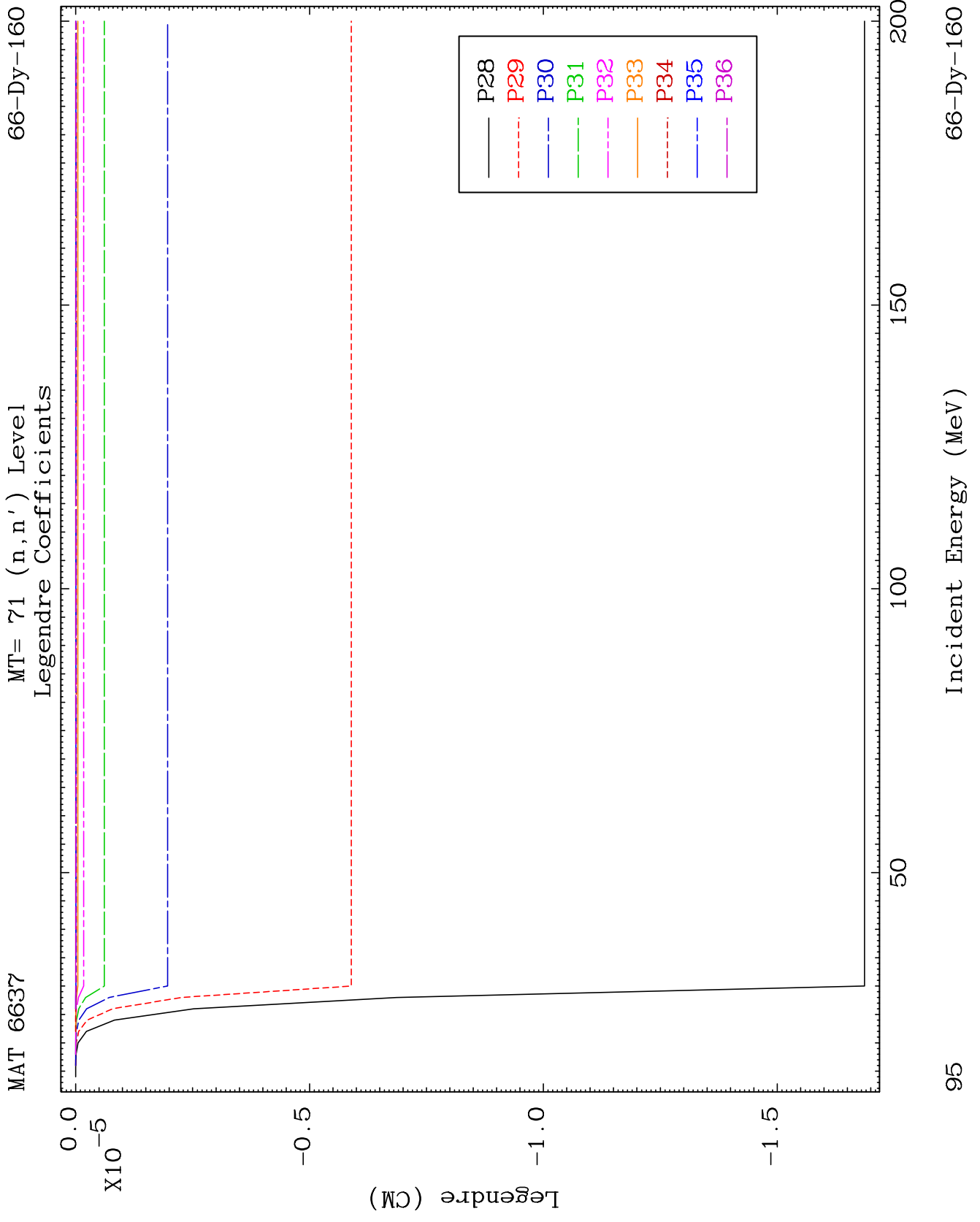
66-Dy-160



94

Incident Energy (MeV)

66-Dy-160

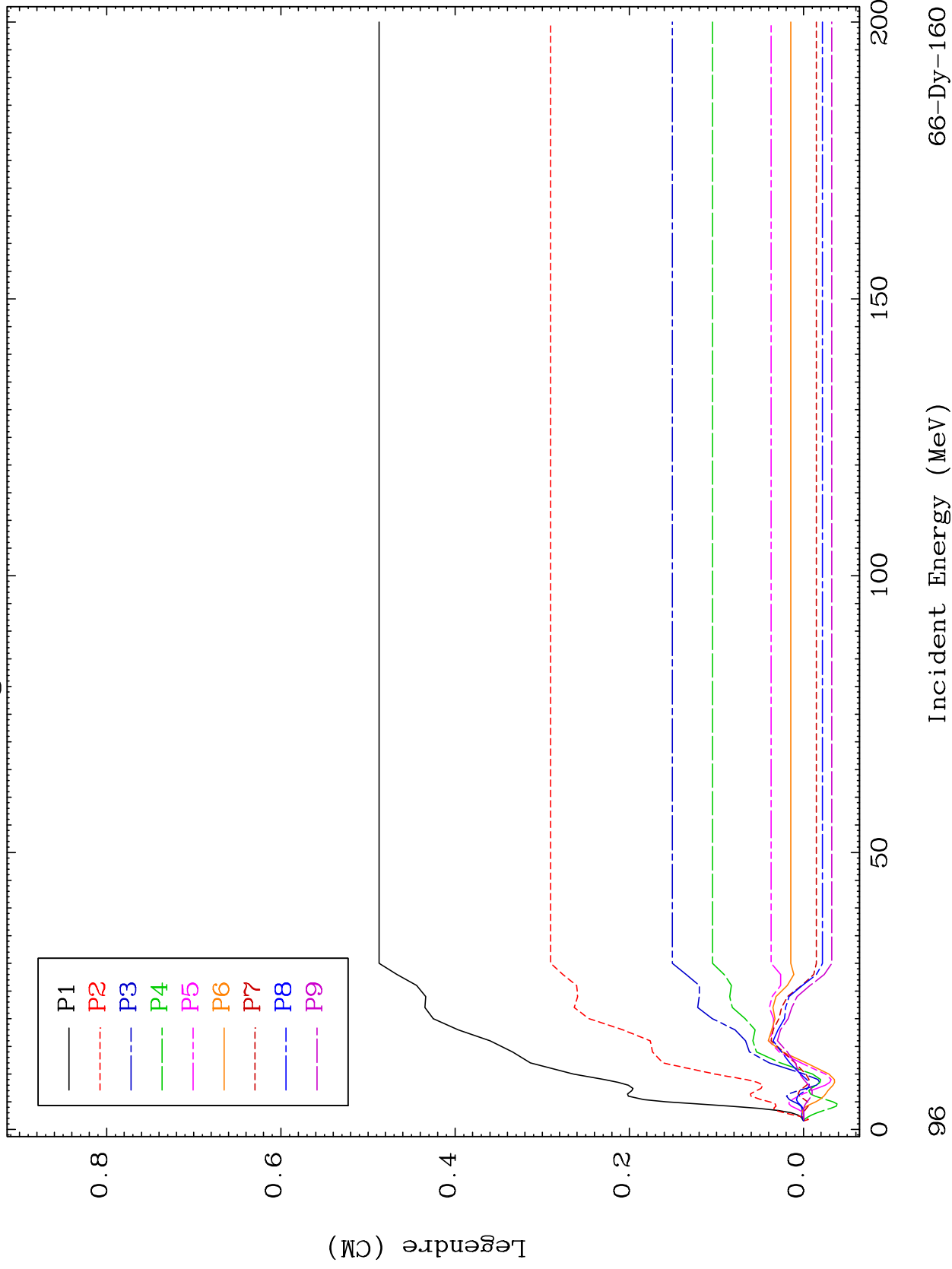




MAT 6637

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

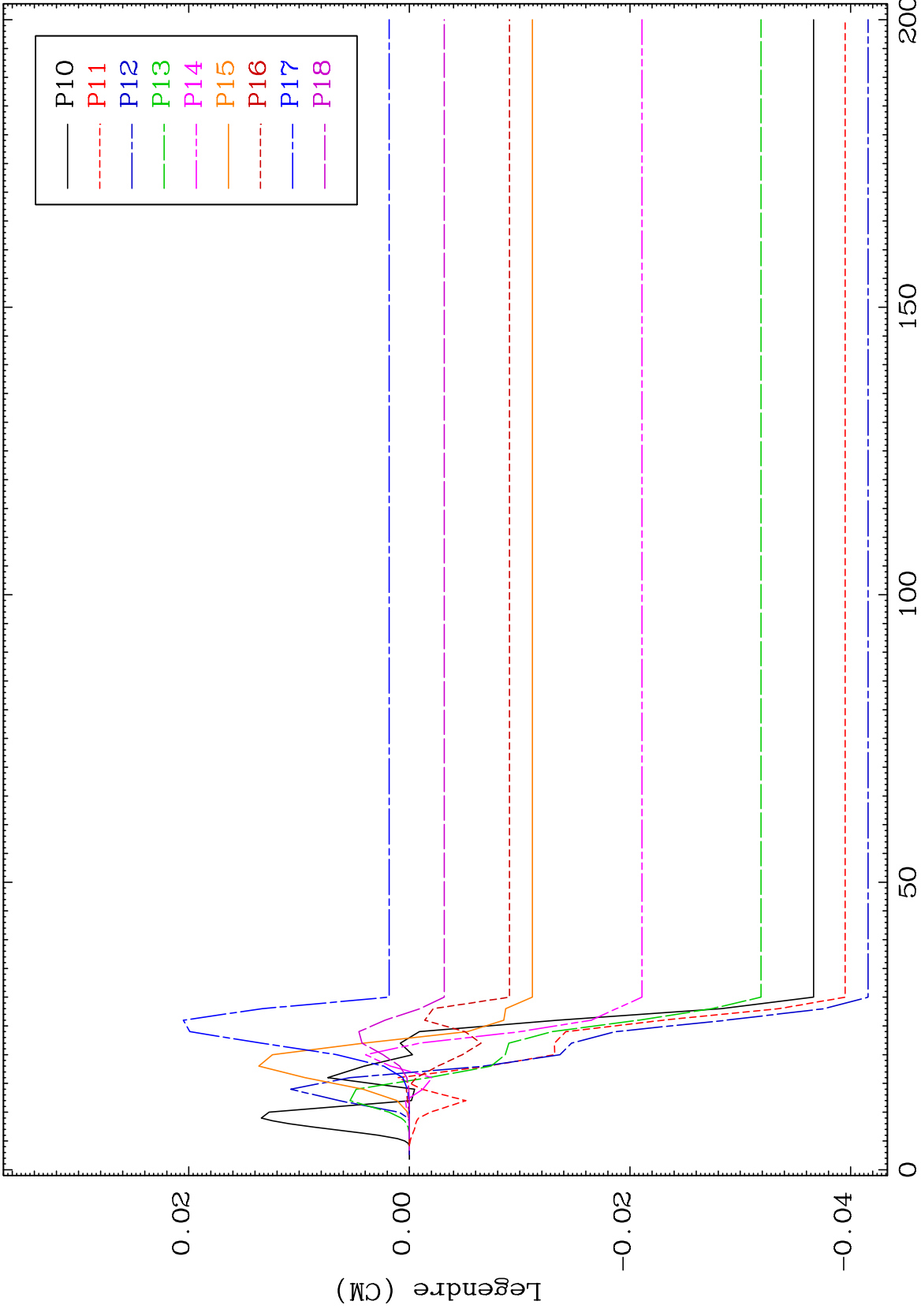
66-Dy-160



MAT 6637

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

66-Dy-160



97

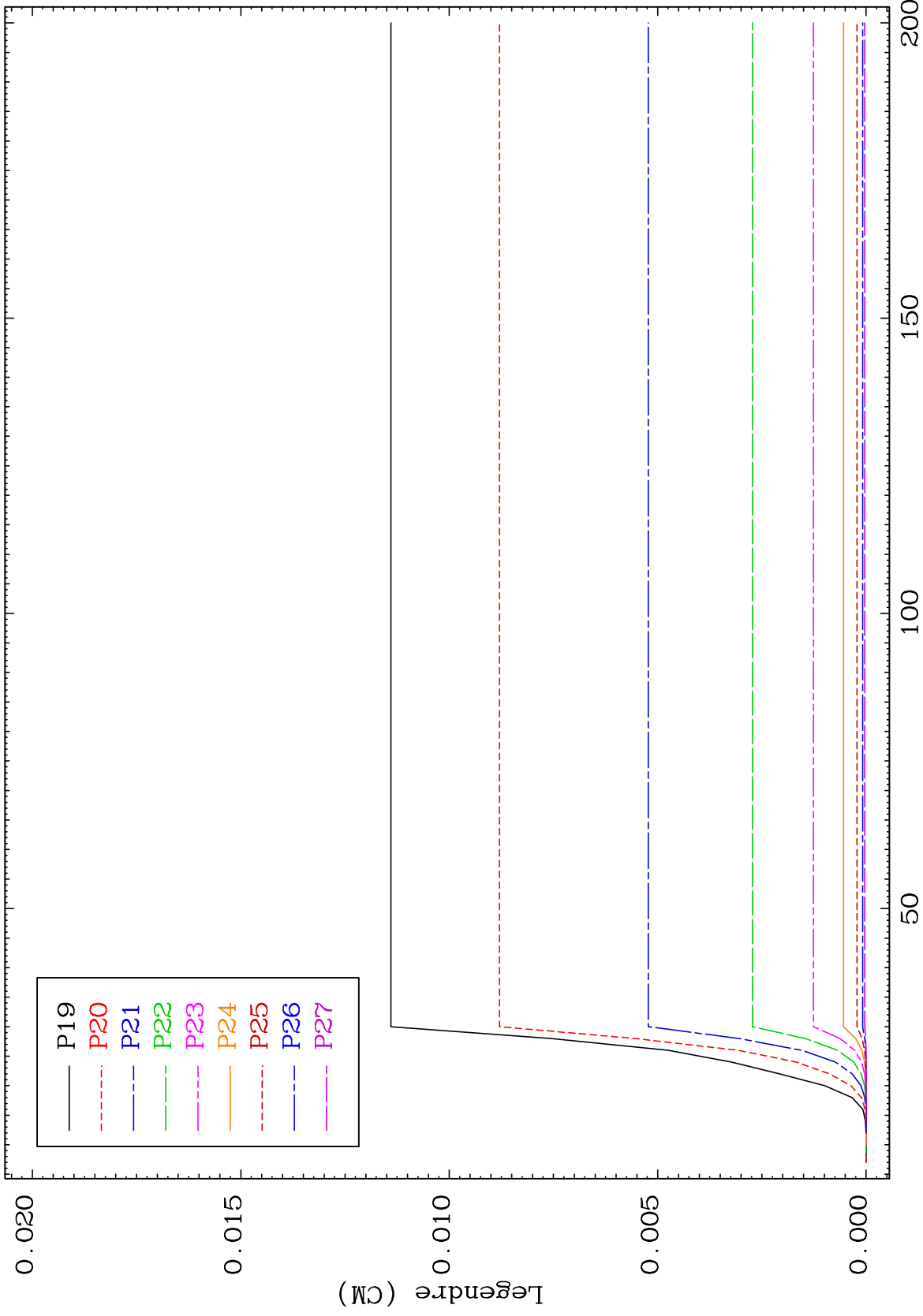
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



98

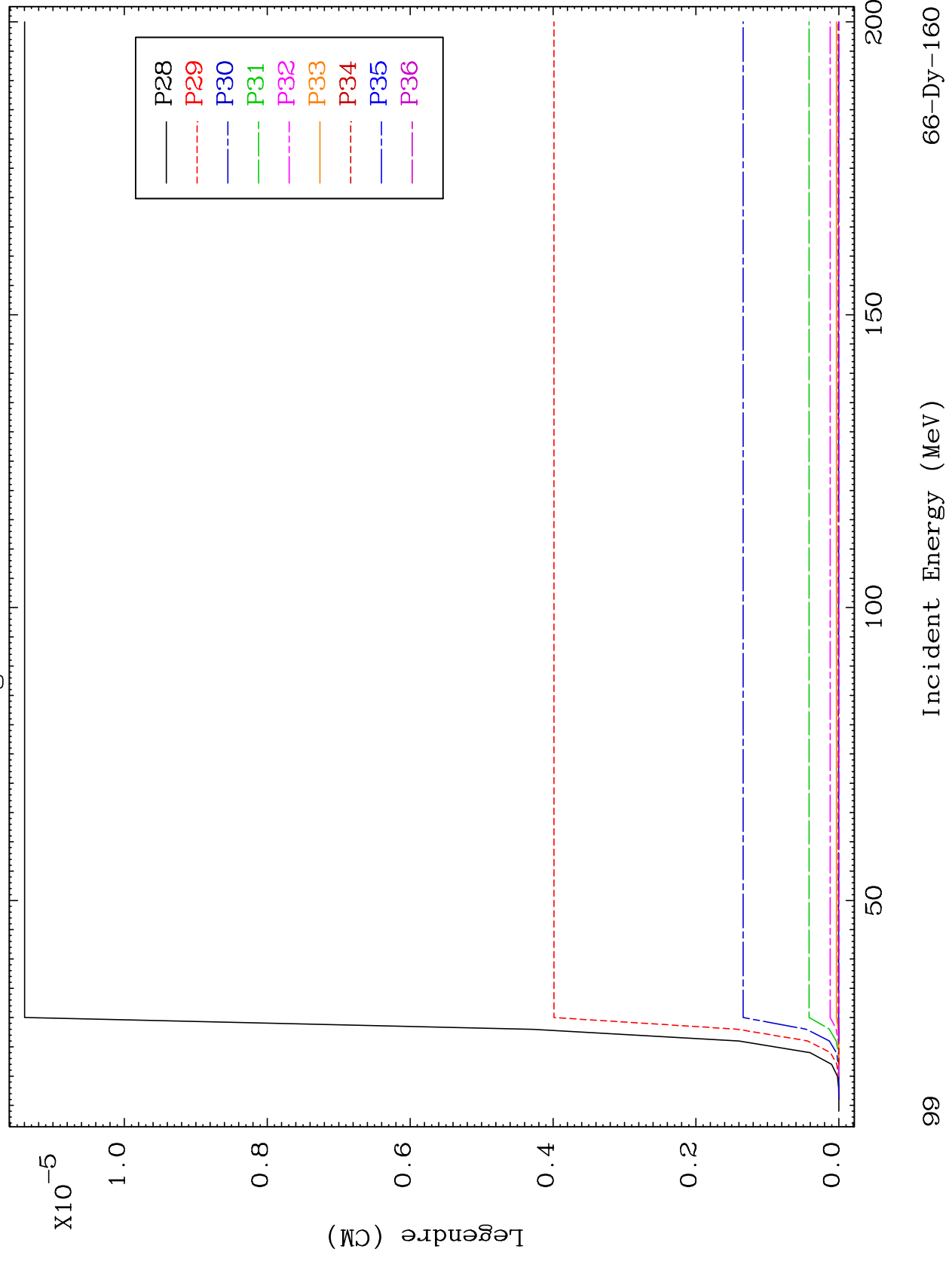
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



99

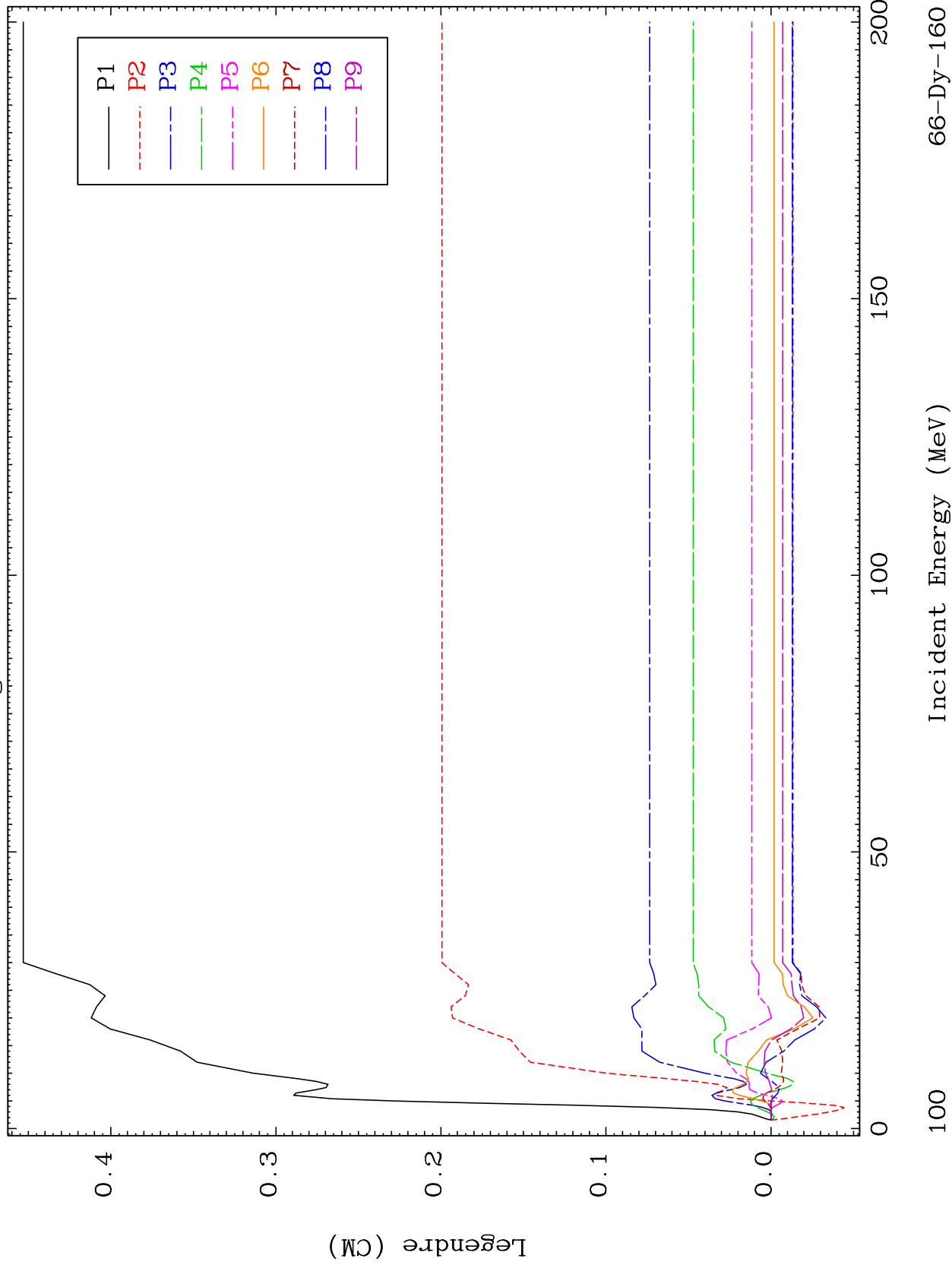
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



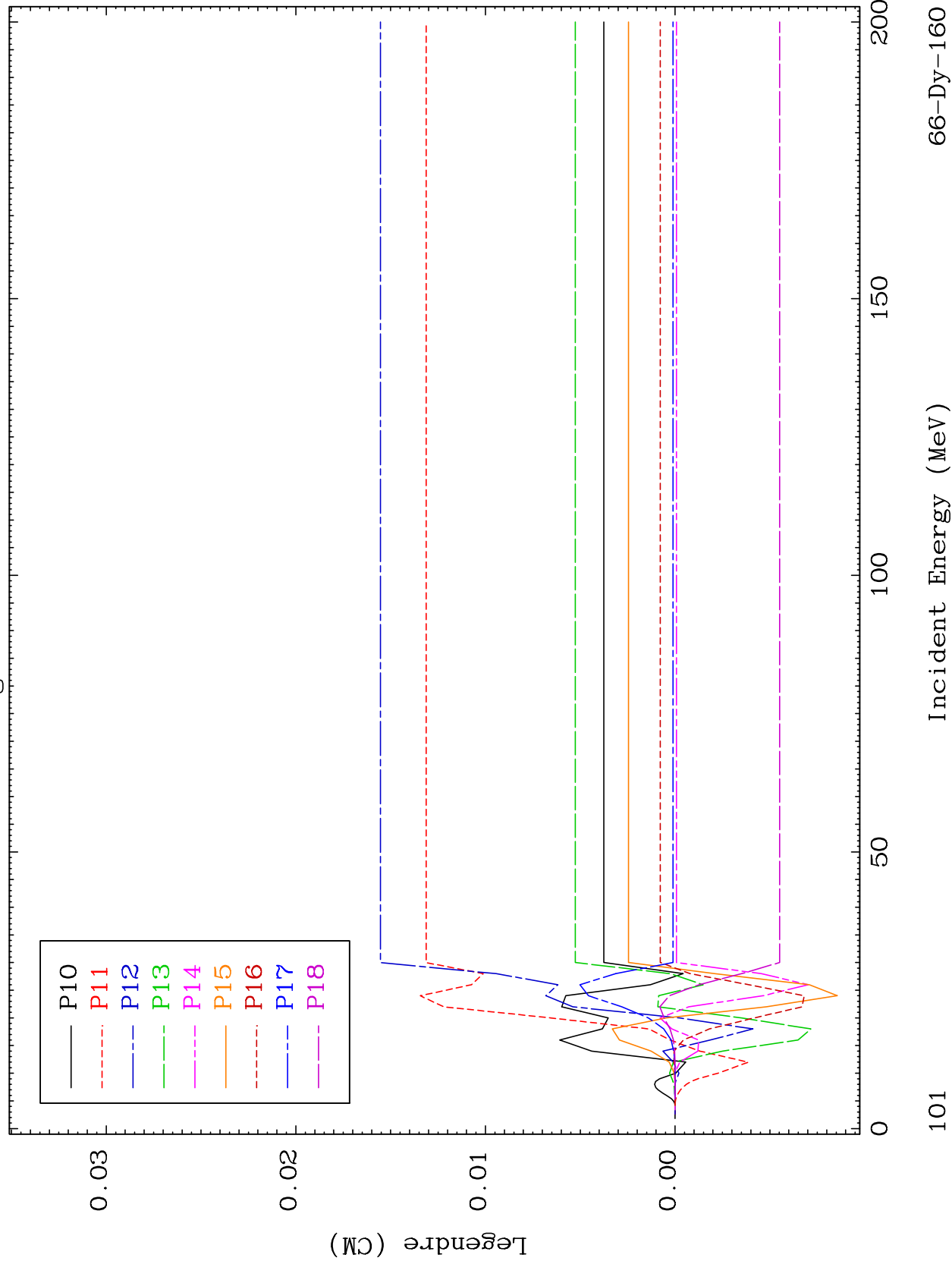
66-Dy-160

Incident Energy (MeV)

MAT 6637

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

66-Dy-160



101

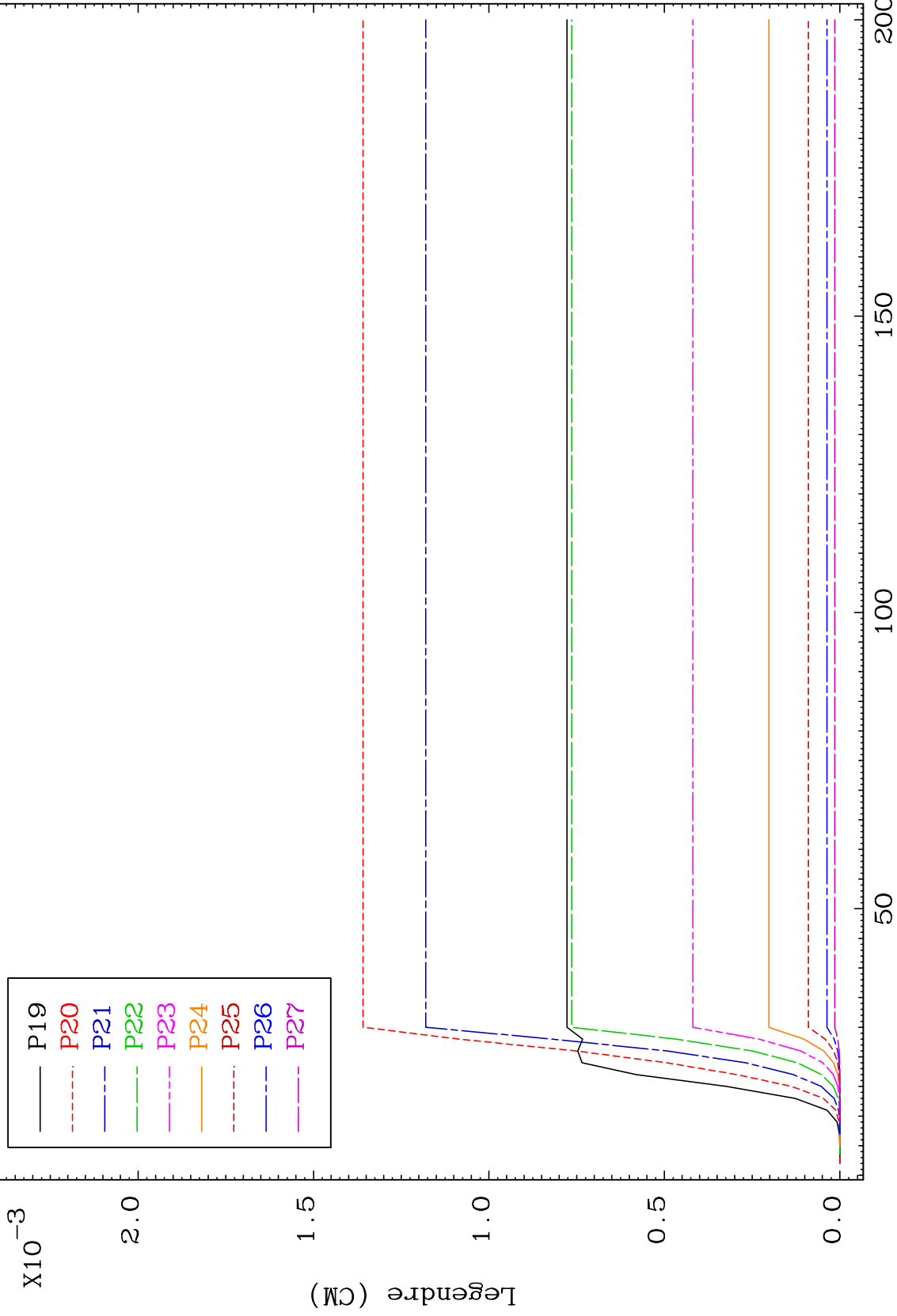
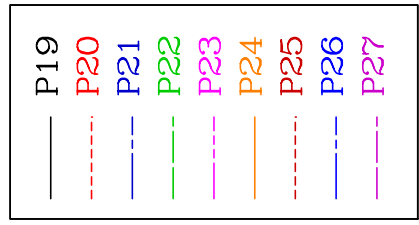
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



102

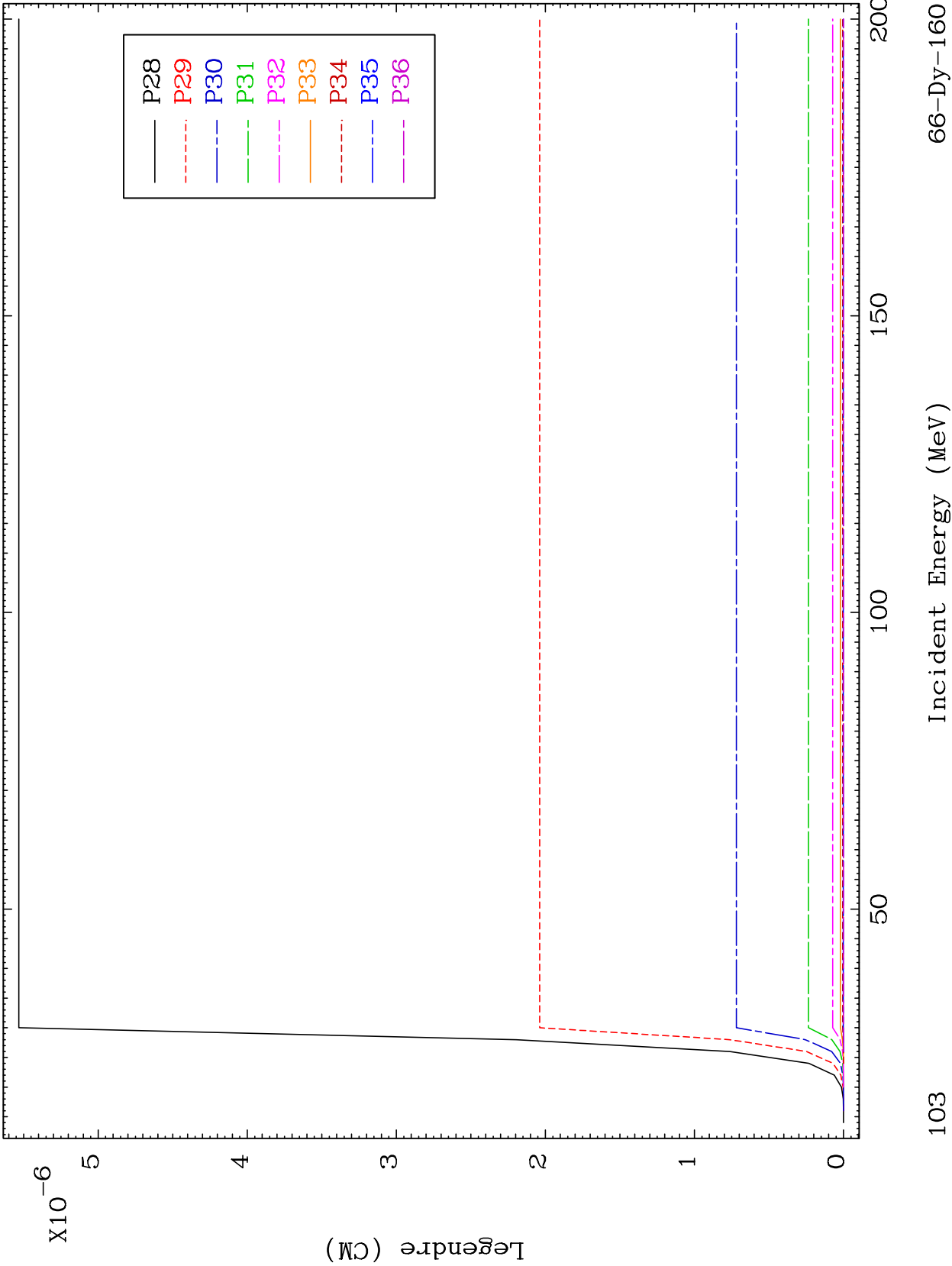
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



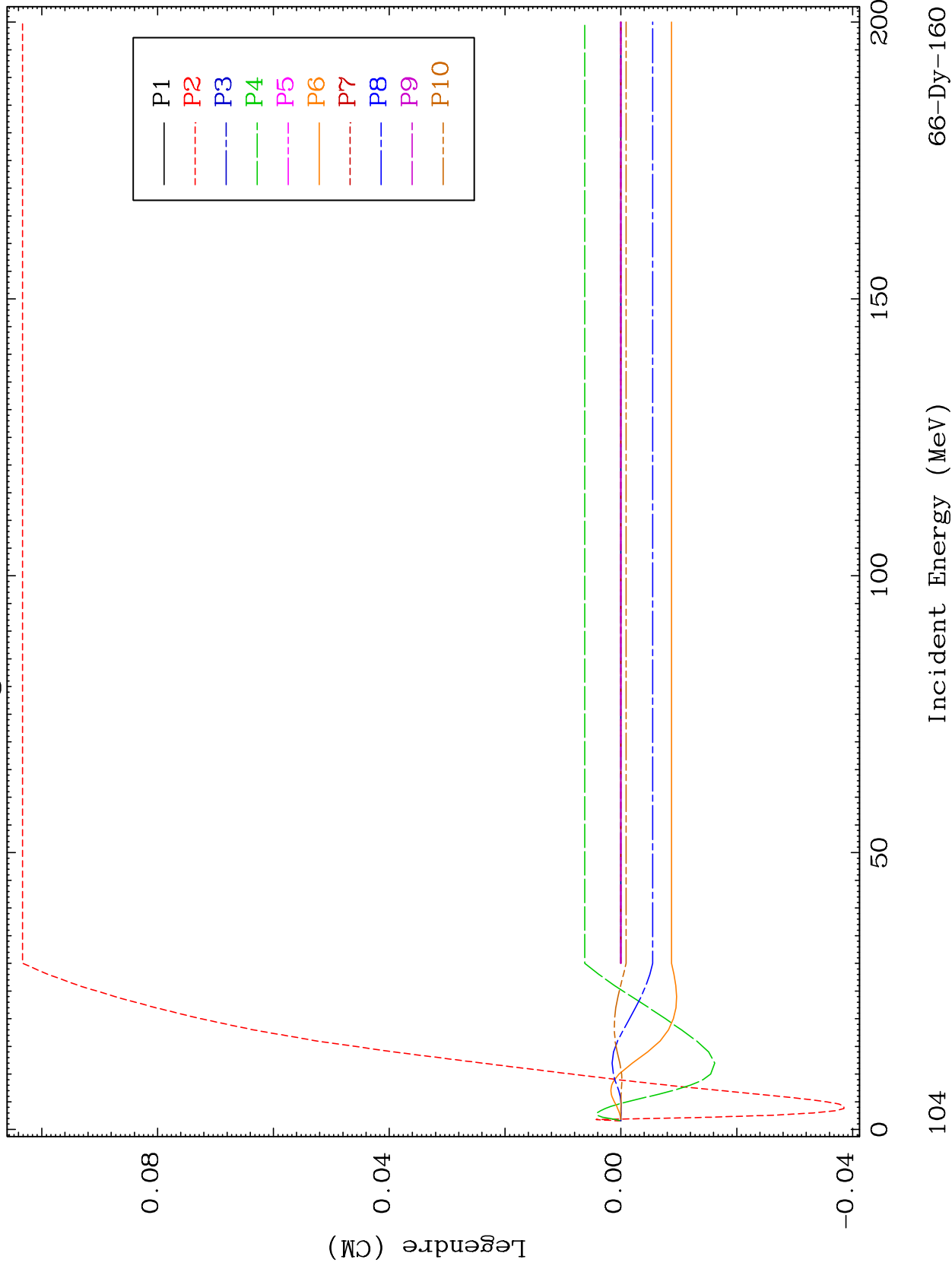
103



MAT 6637

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

66-Dy-160



66-Dy-160

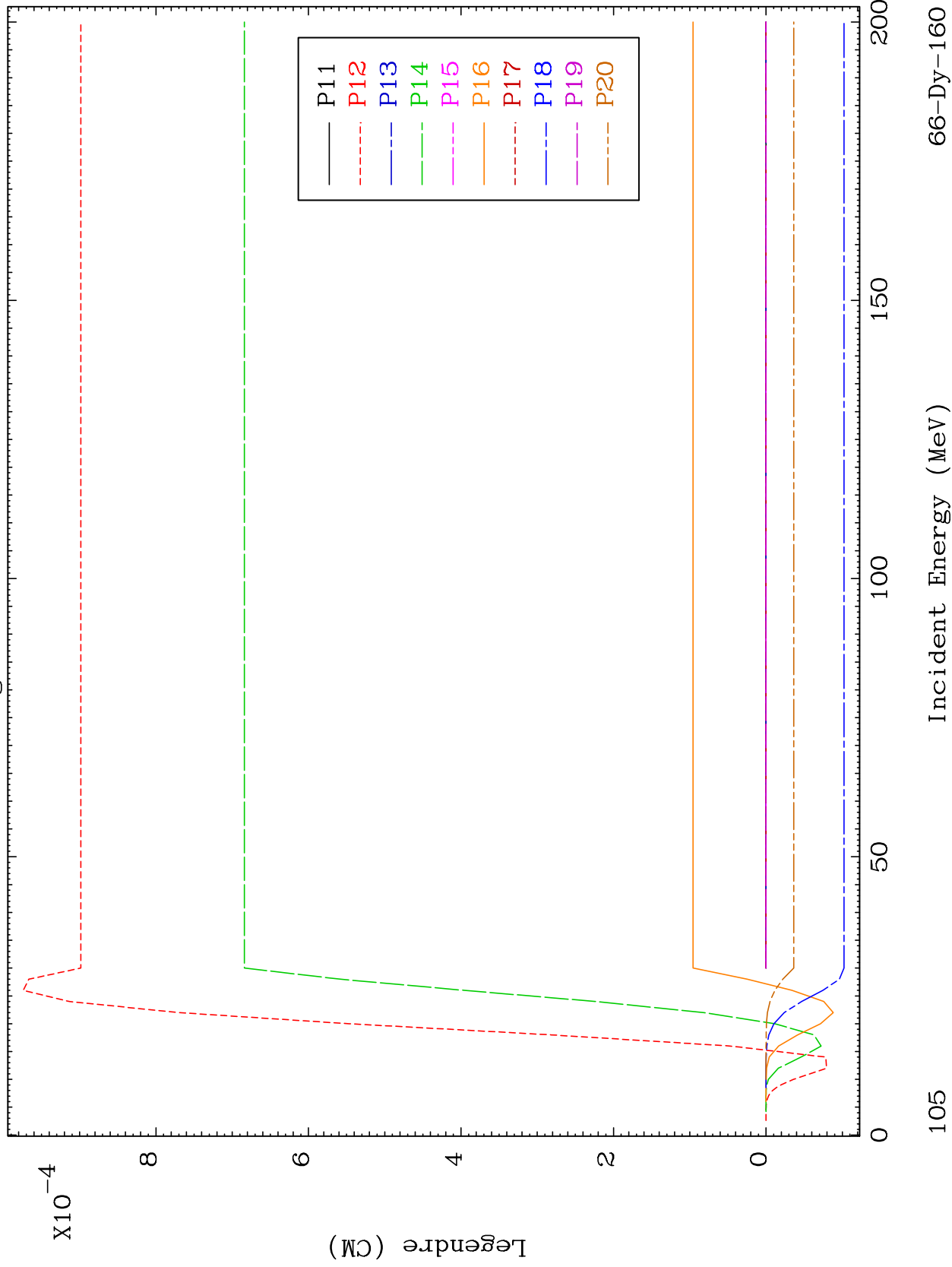
Incident Energy (MeV)

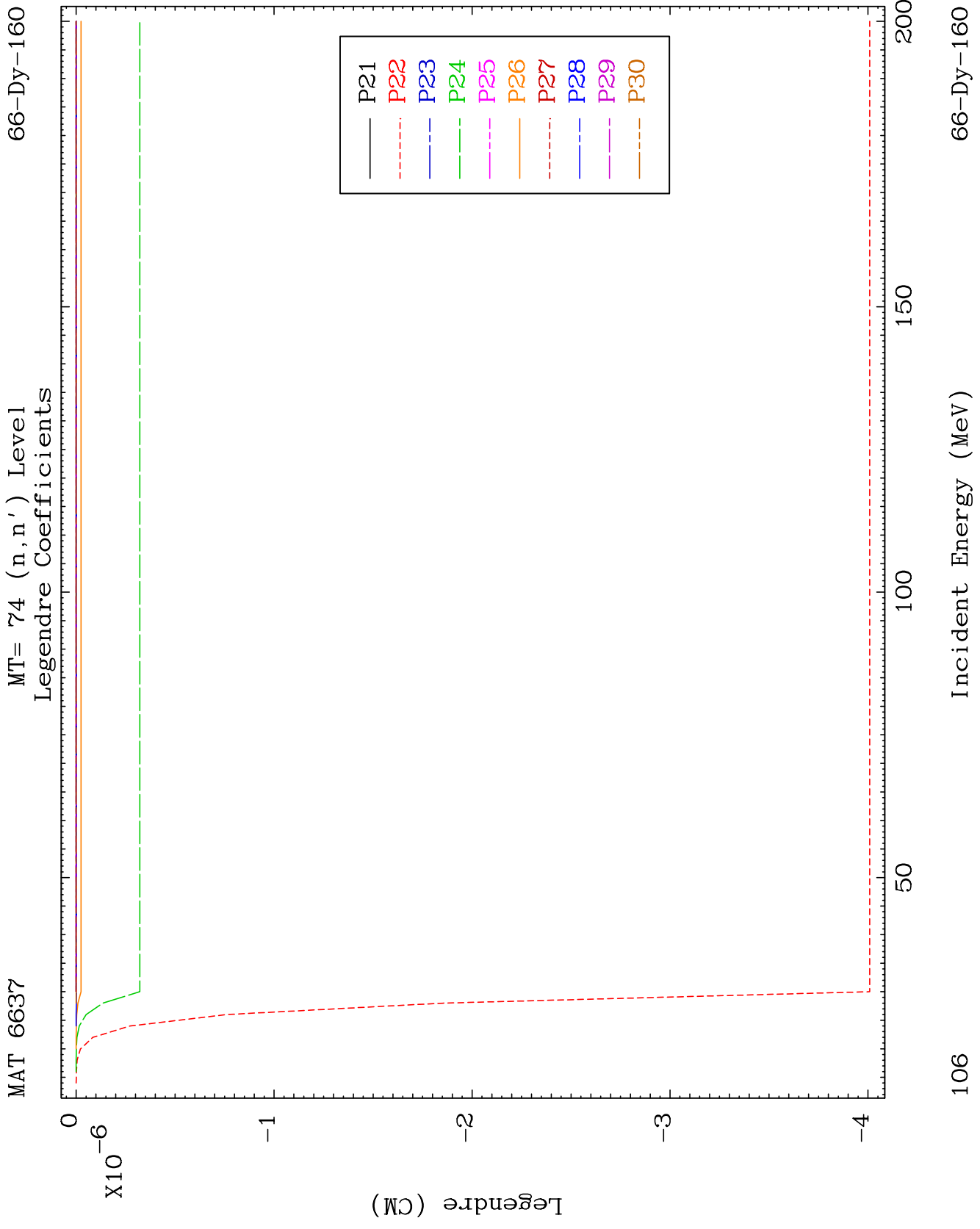
104

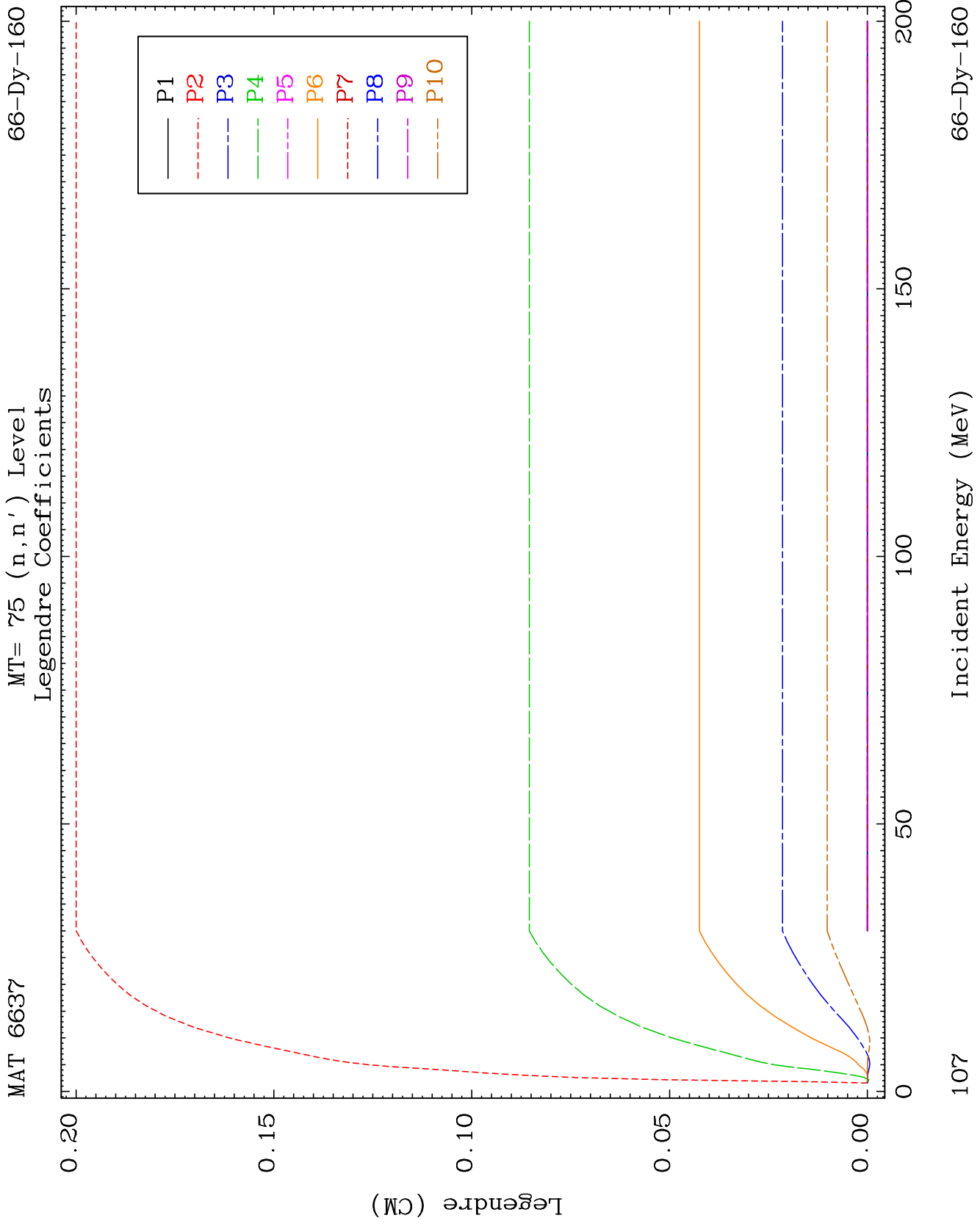
MAT 6637

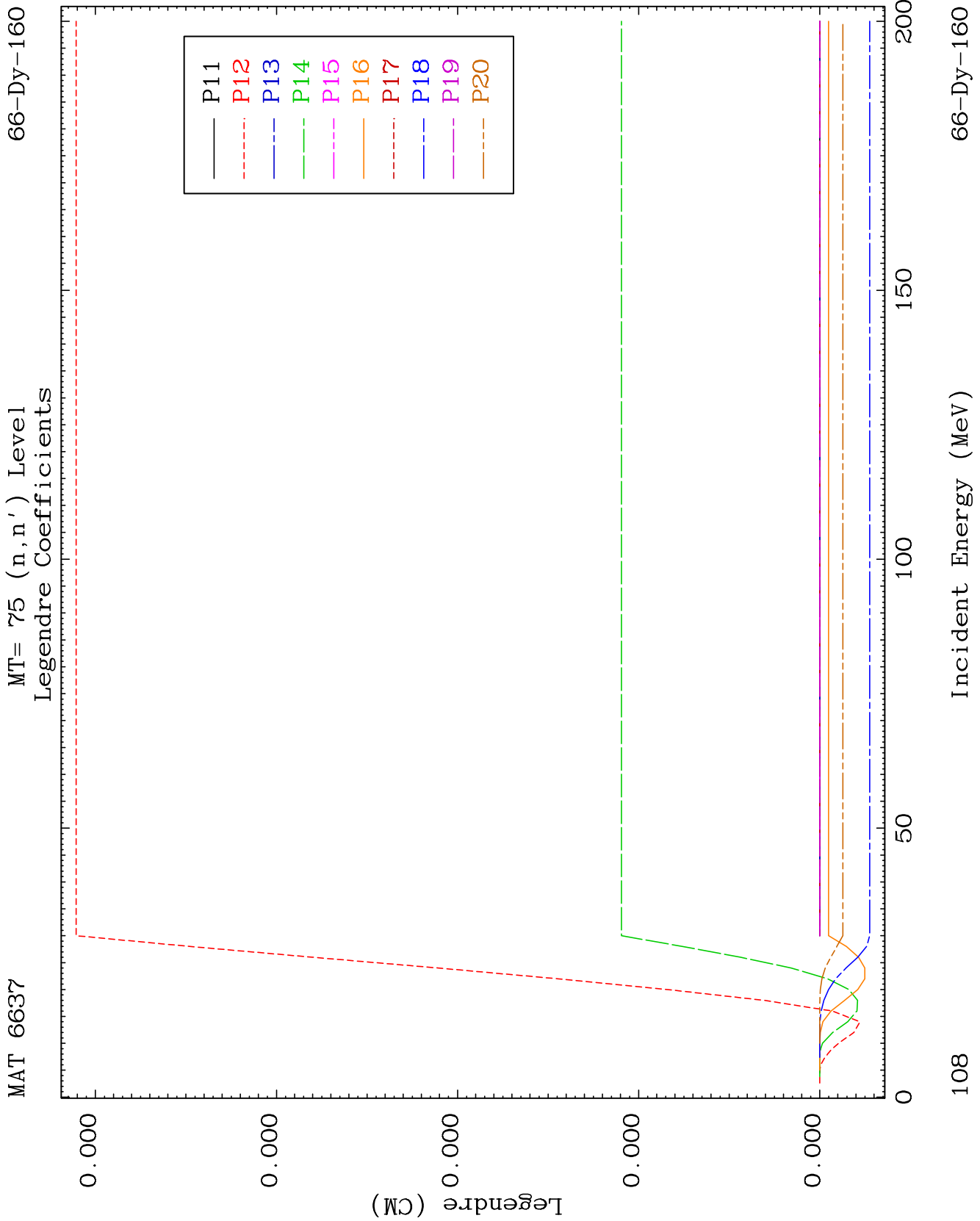
MT= 74 (n,n') Level  
Legendre Coefficients

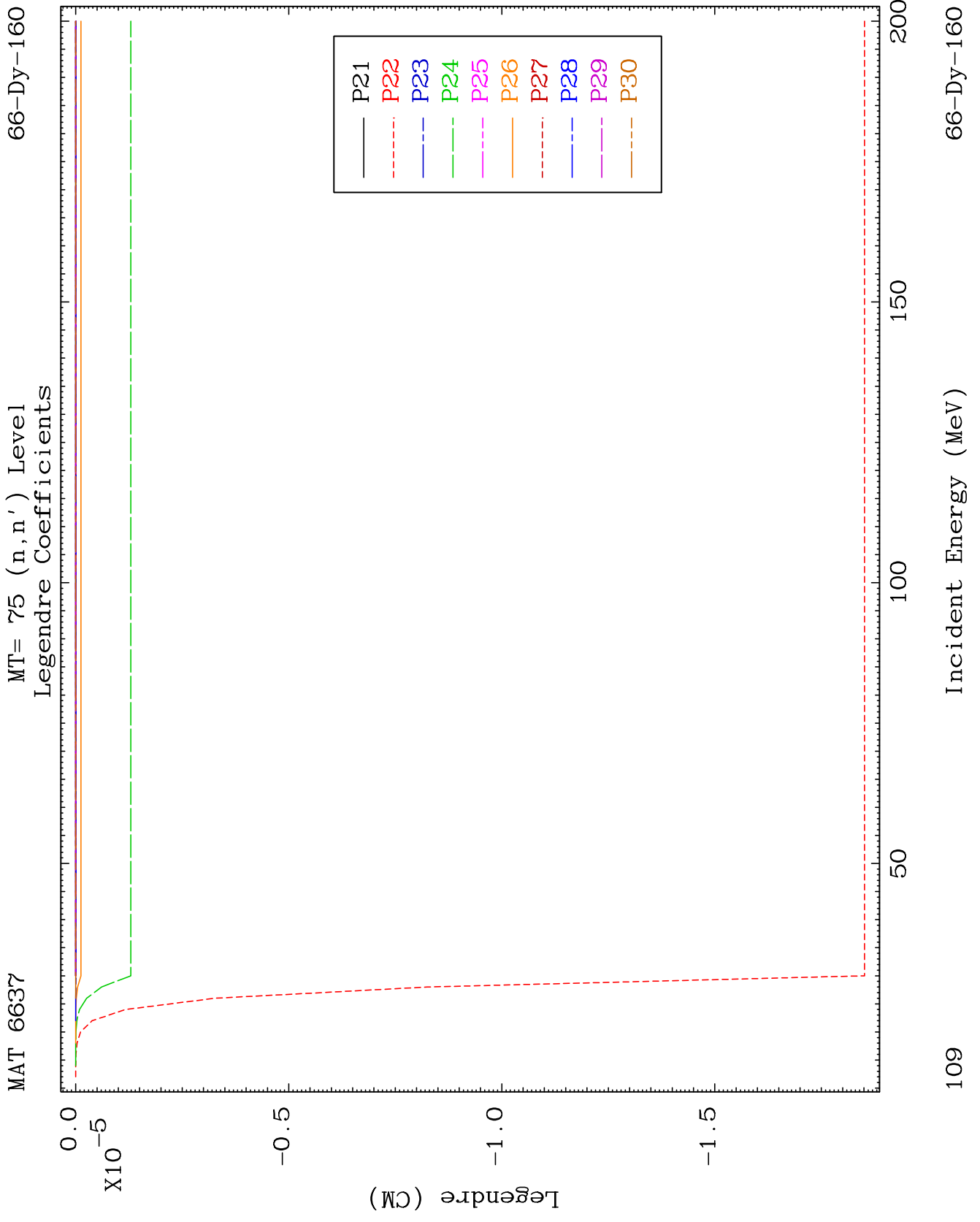
66-Dy-160







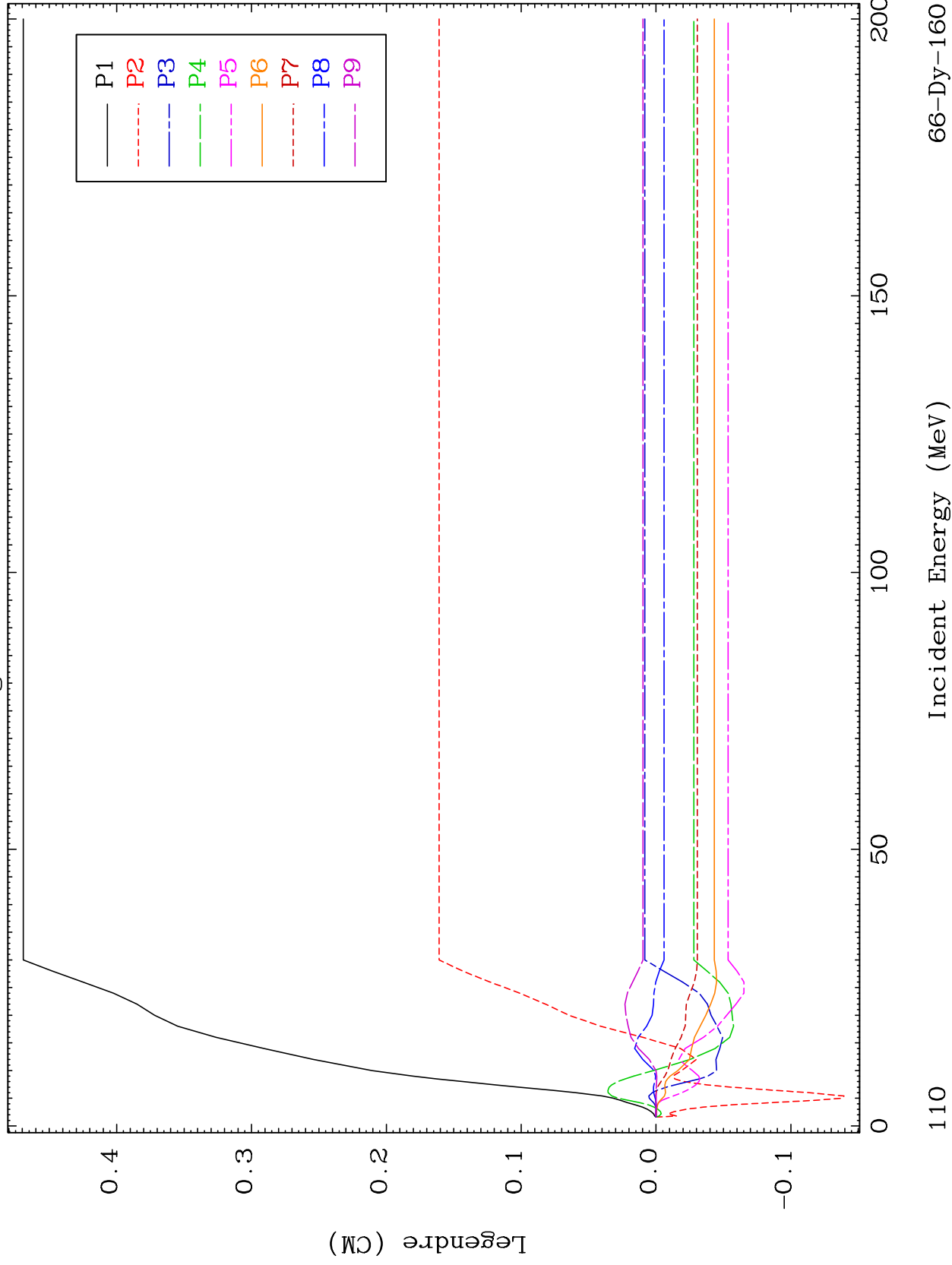




MAT 6637

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

66-Dy-160



66-Dy-160

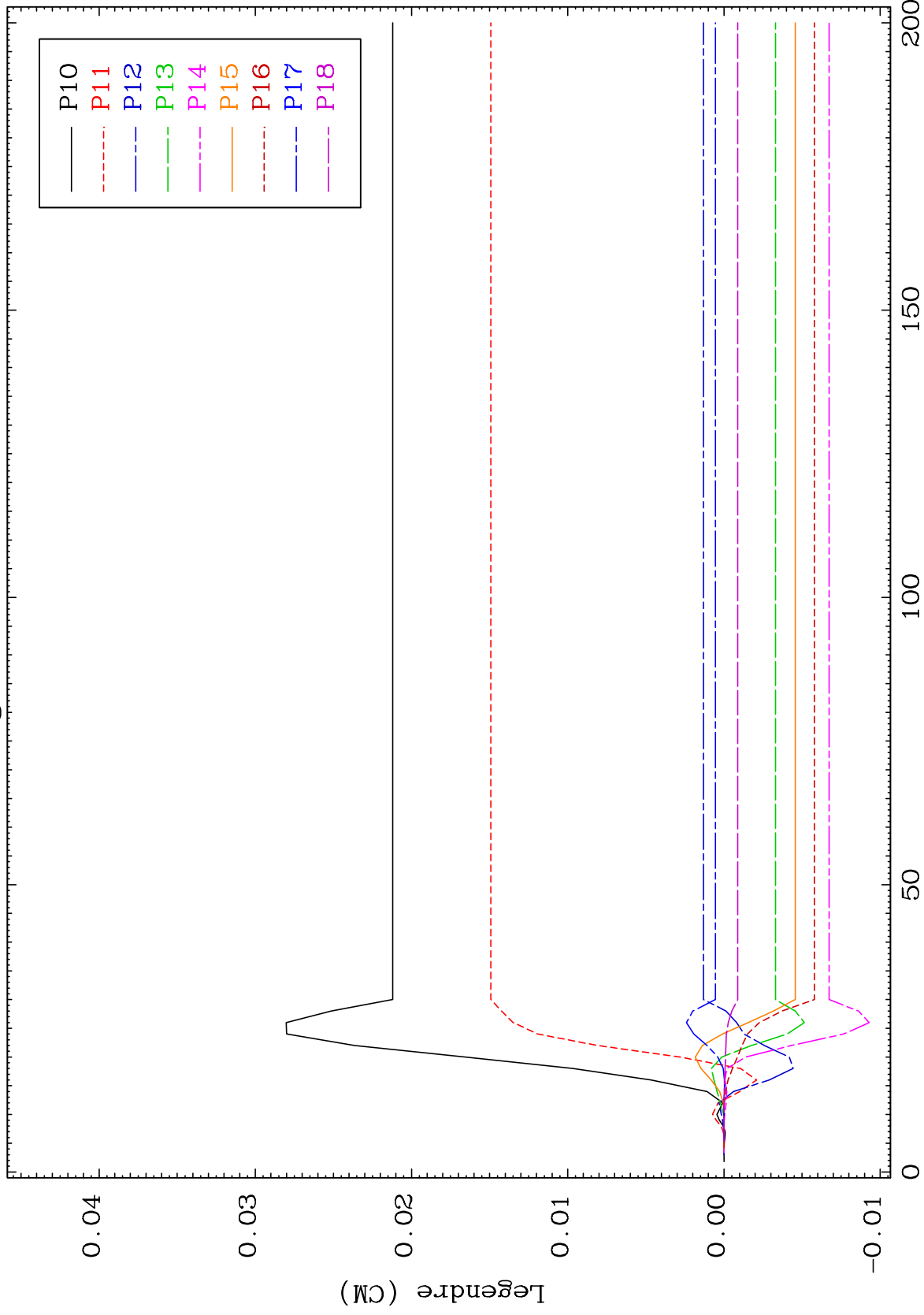
Incident Energy (MeV)

110

MAT 6637

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

66-Dy-160



111

Incident Energy (MeV)

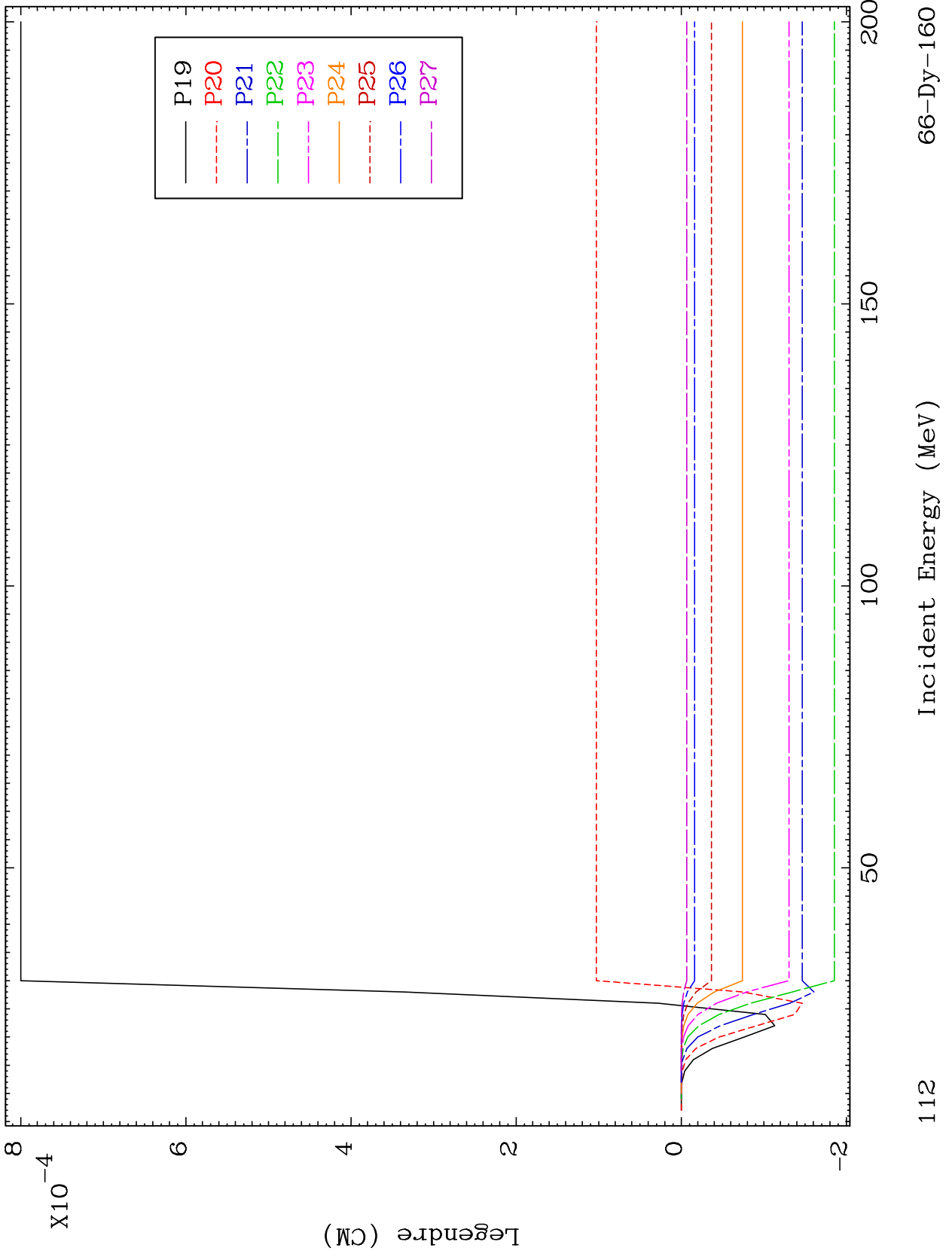
66-Dy-160

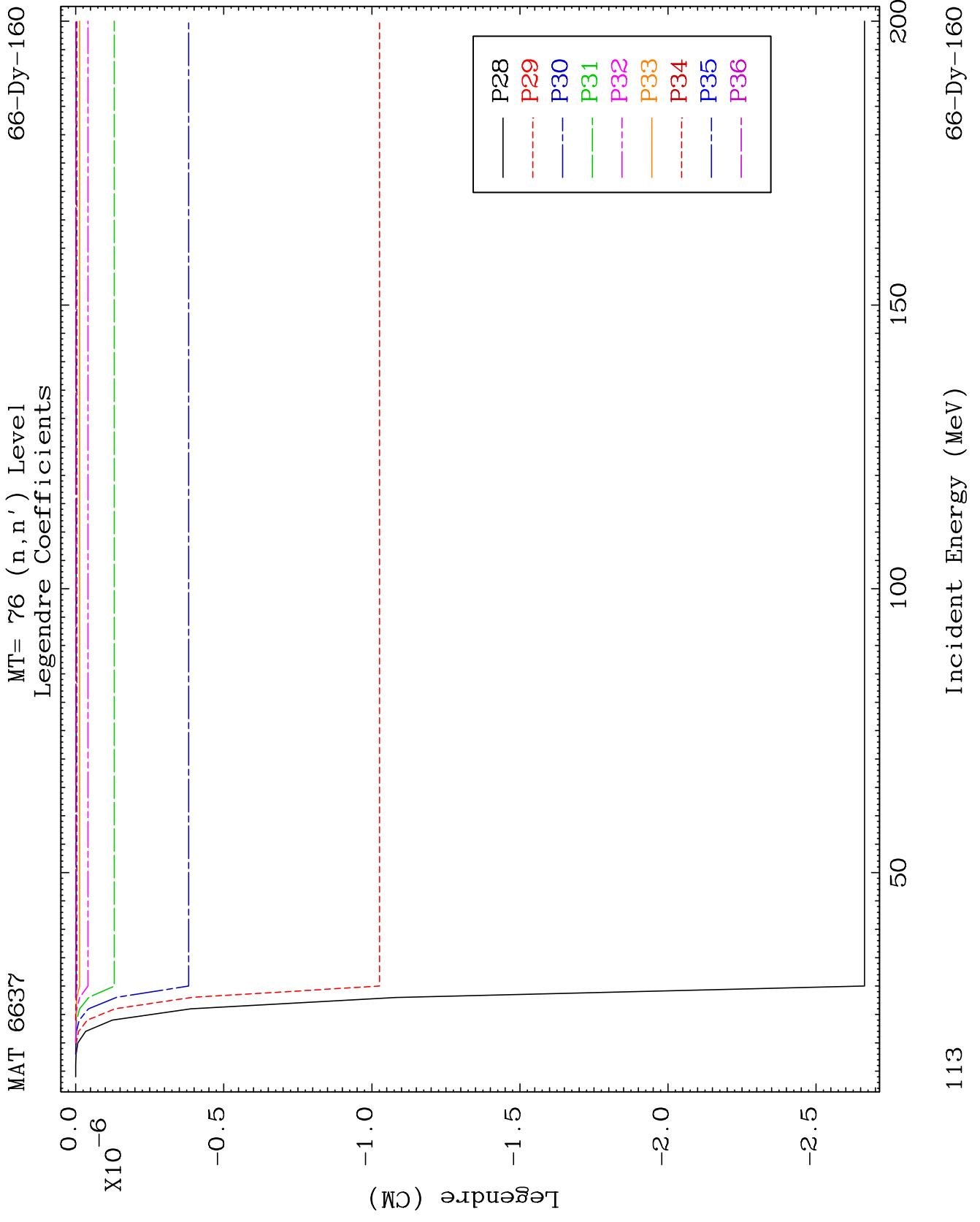


MAT 6637

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

66-Dy-160

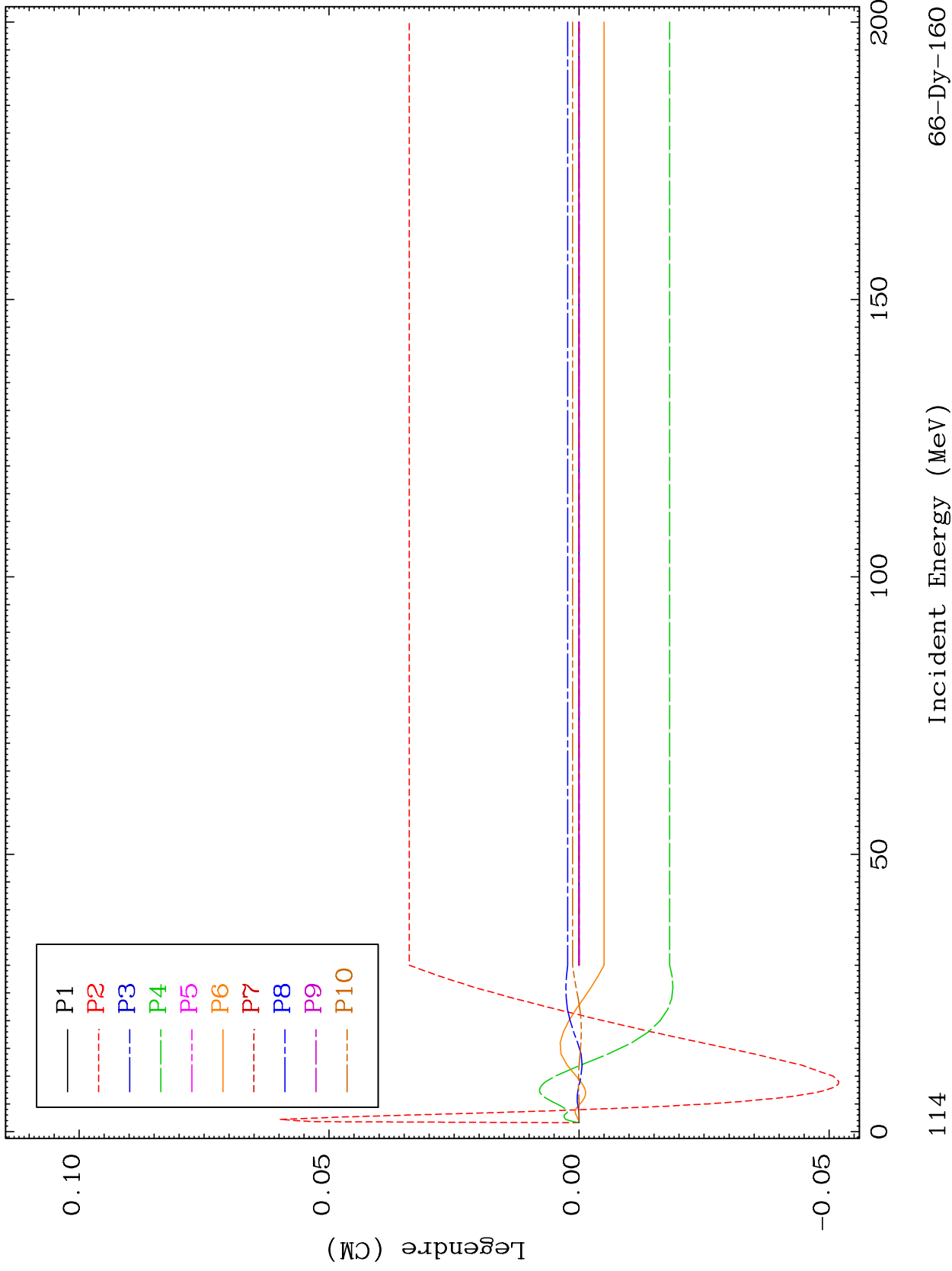




MAT 6637

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

66-Dy-160



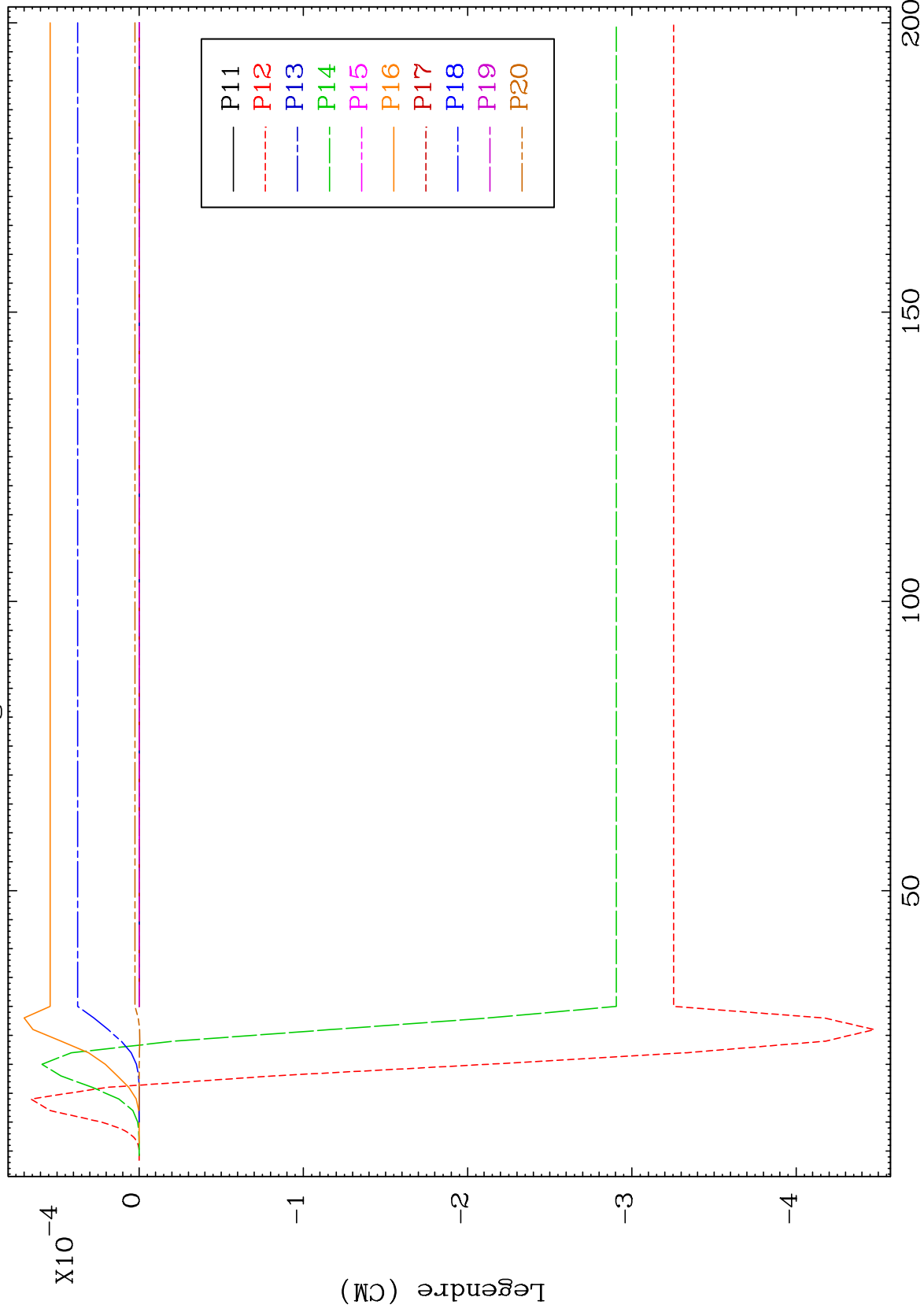
114

MAT 6637

MT= 77 (n,n') Level

66-Dy-160

Legendre Coefficients



115

Incident Energy (MeV)

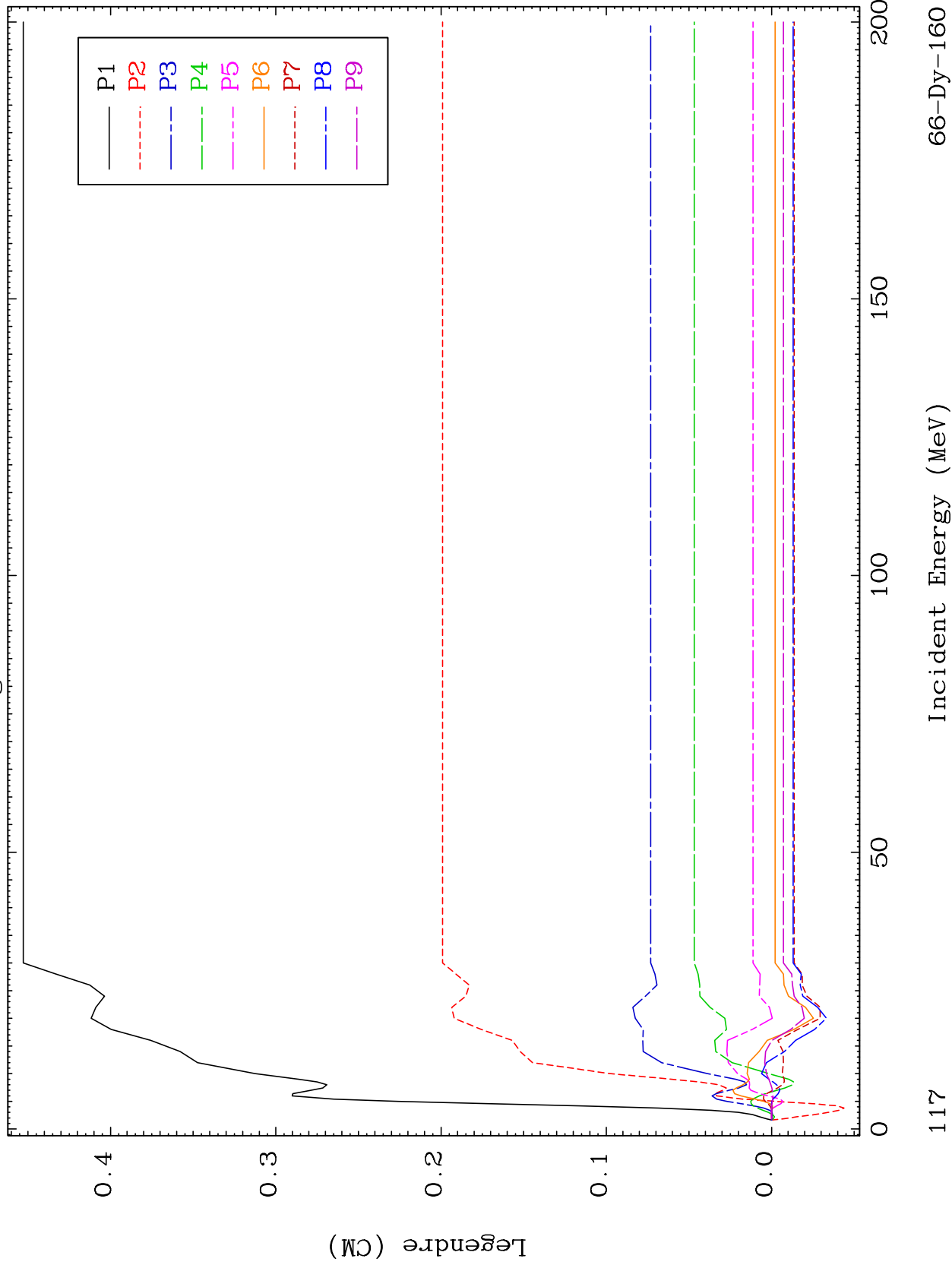
66-Dy-160



MAT 6637

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

66-Dy-160



66-Dy-160

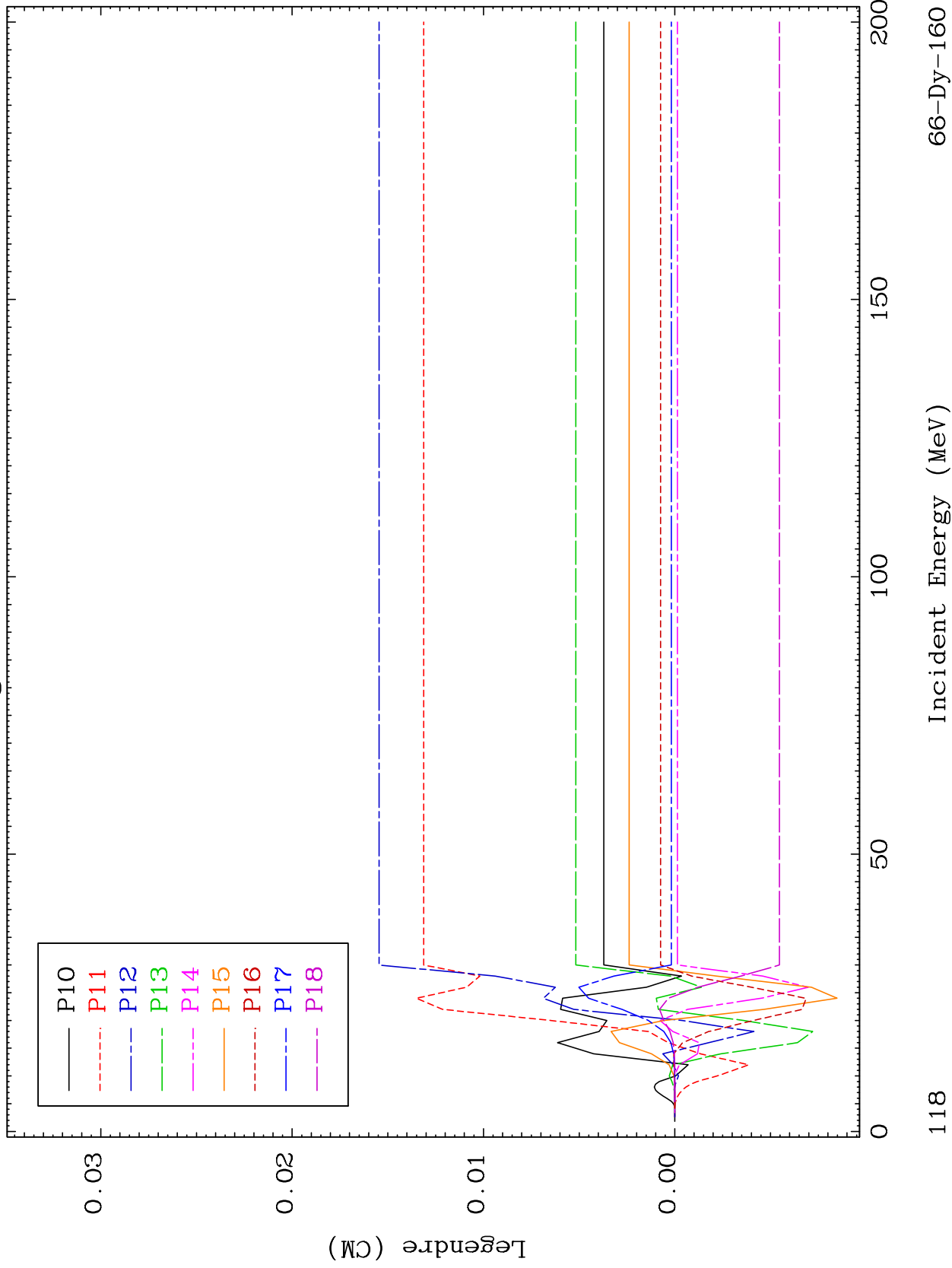
Incident Energy (MeV)

117

MAT 6637

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

66-Dy-160



118

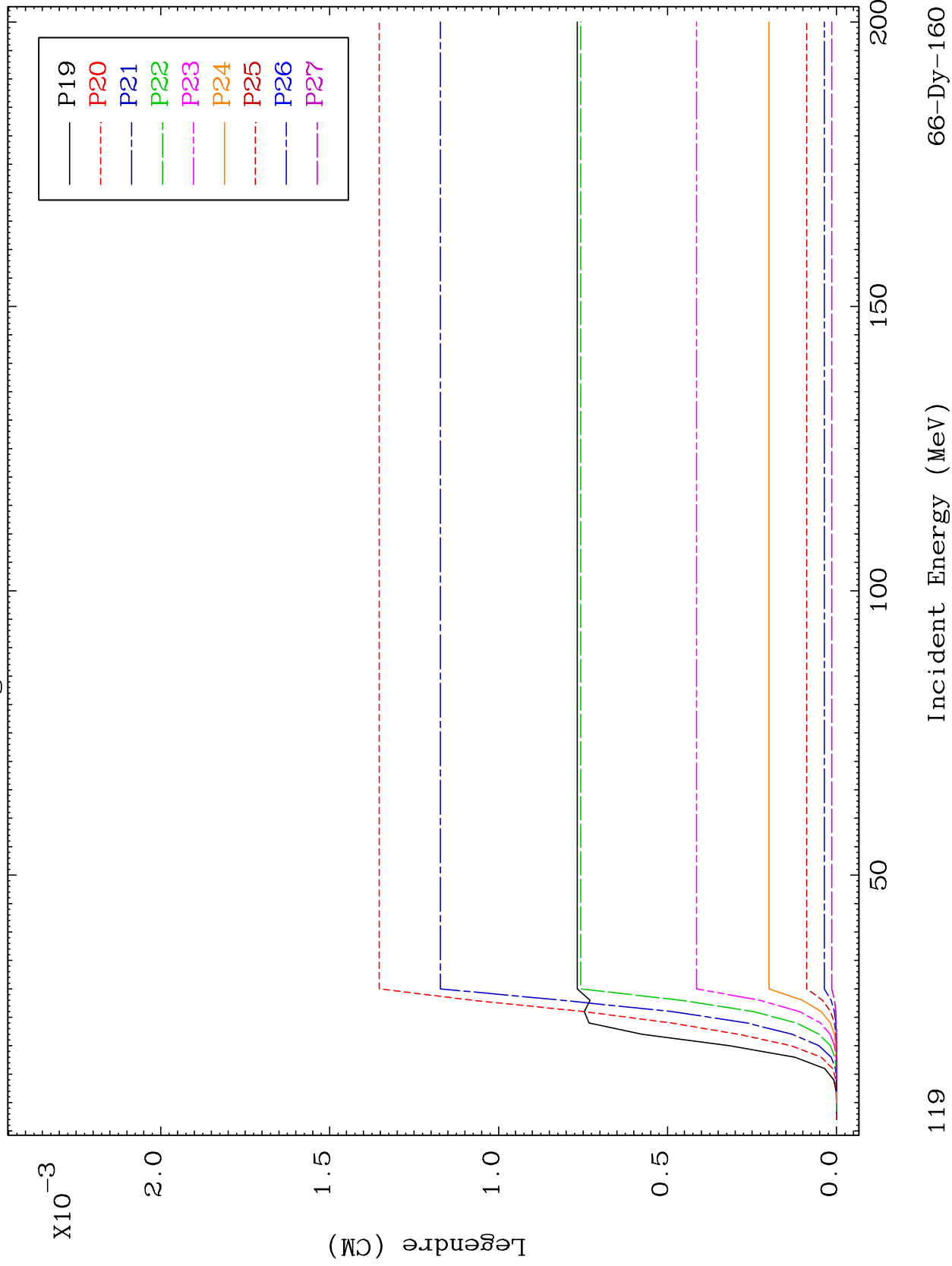
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



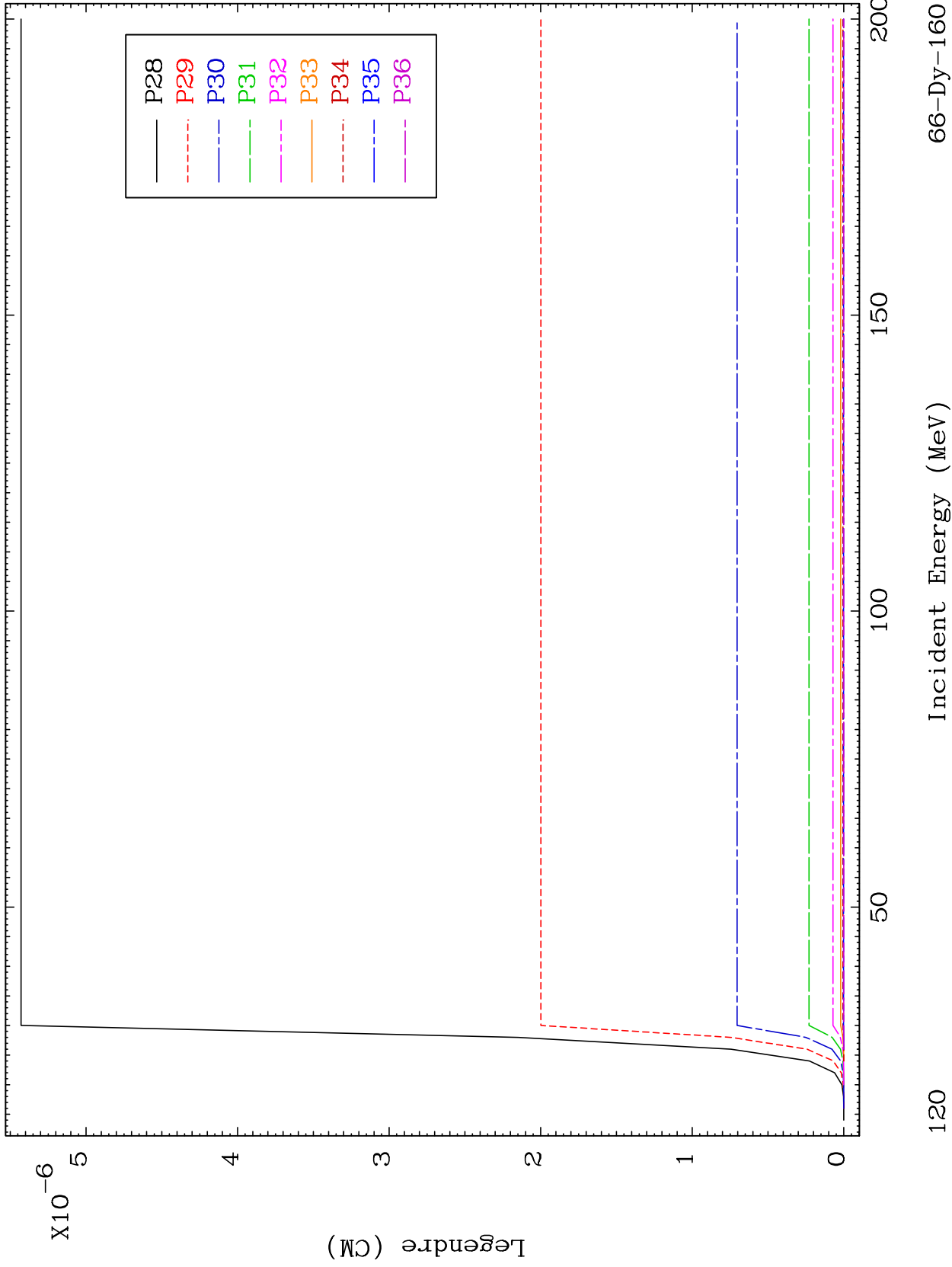
119



MAT 6637

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

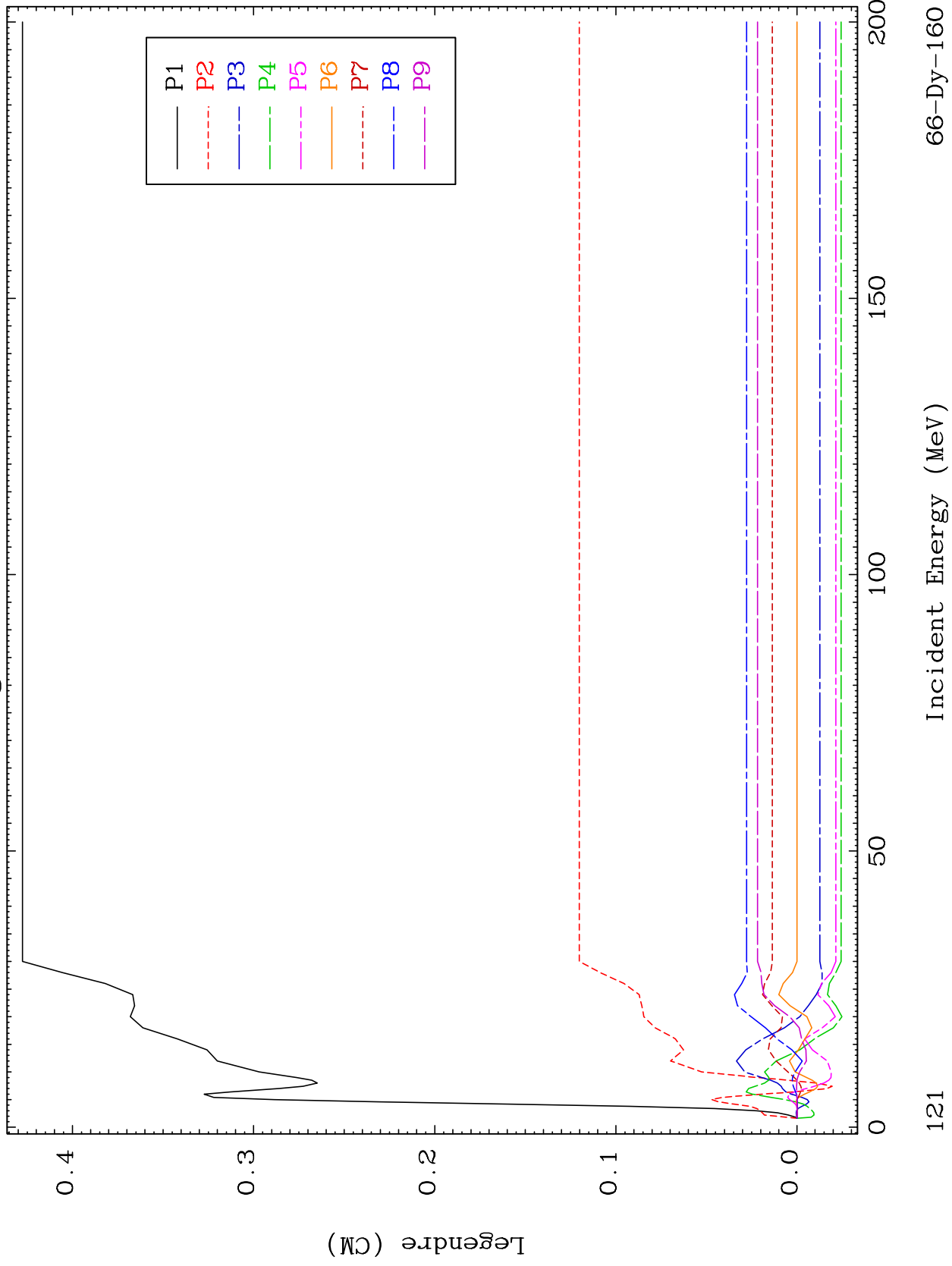
66-Dy-160



MAT 6637

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

66-Dy-160



66-Dy-160

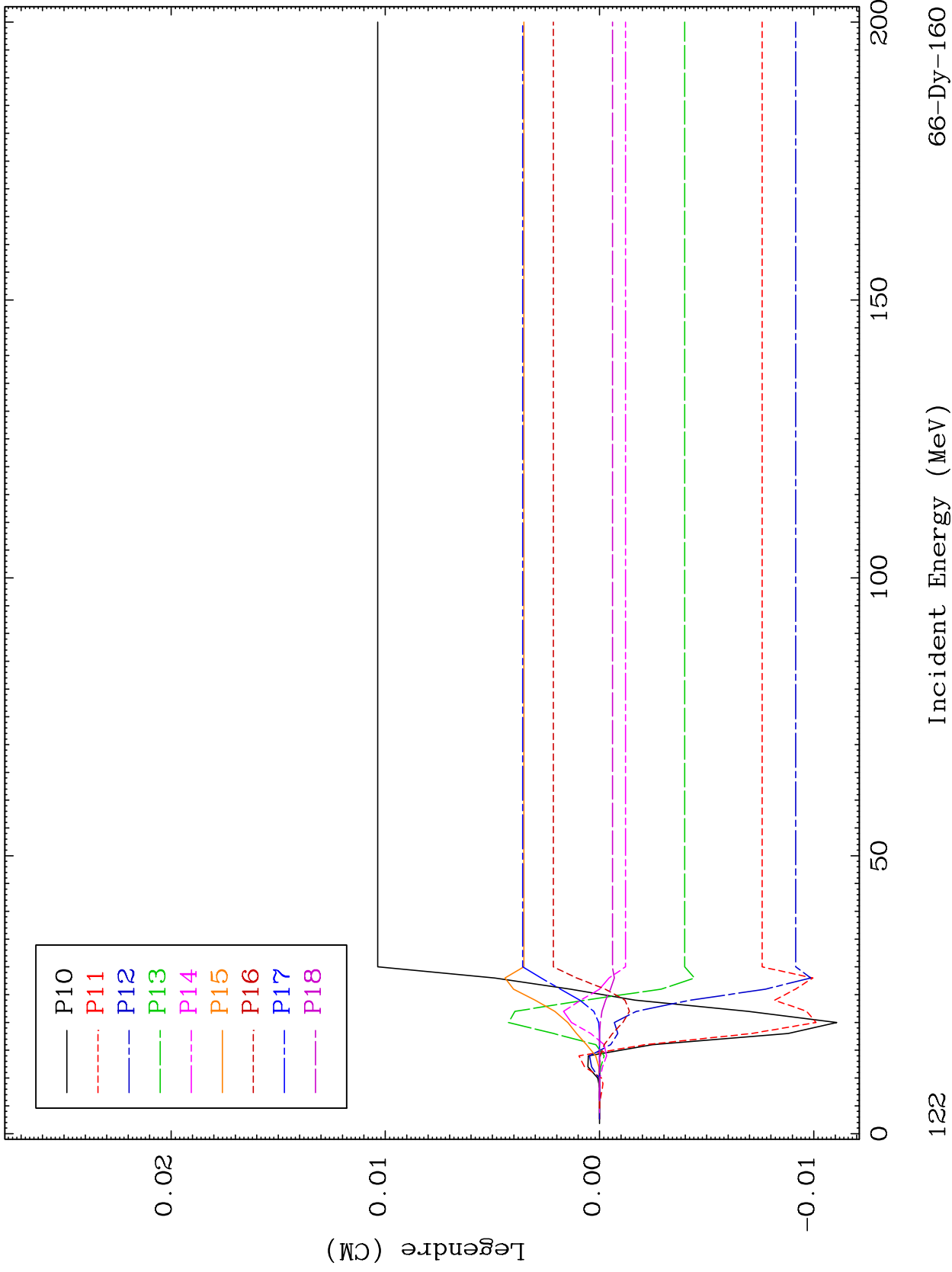
Incident Energy (MeV)

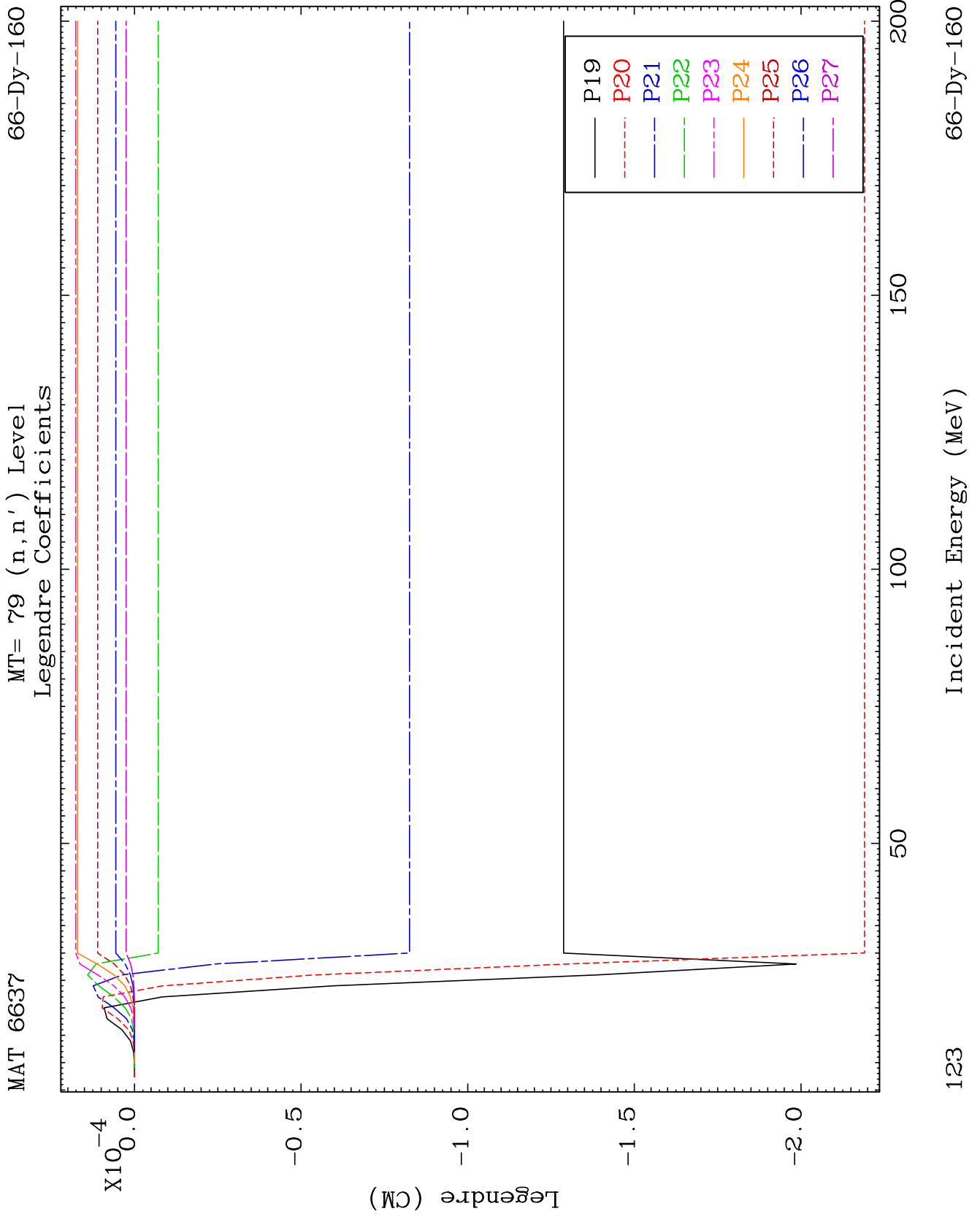
121

MAT 6637

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

66-Dy-160

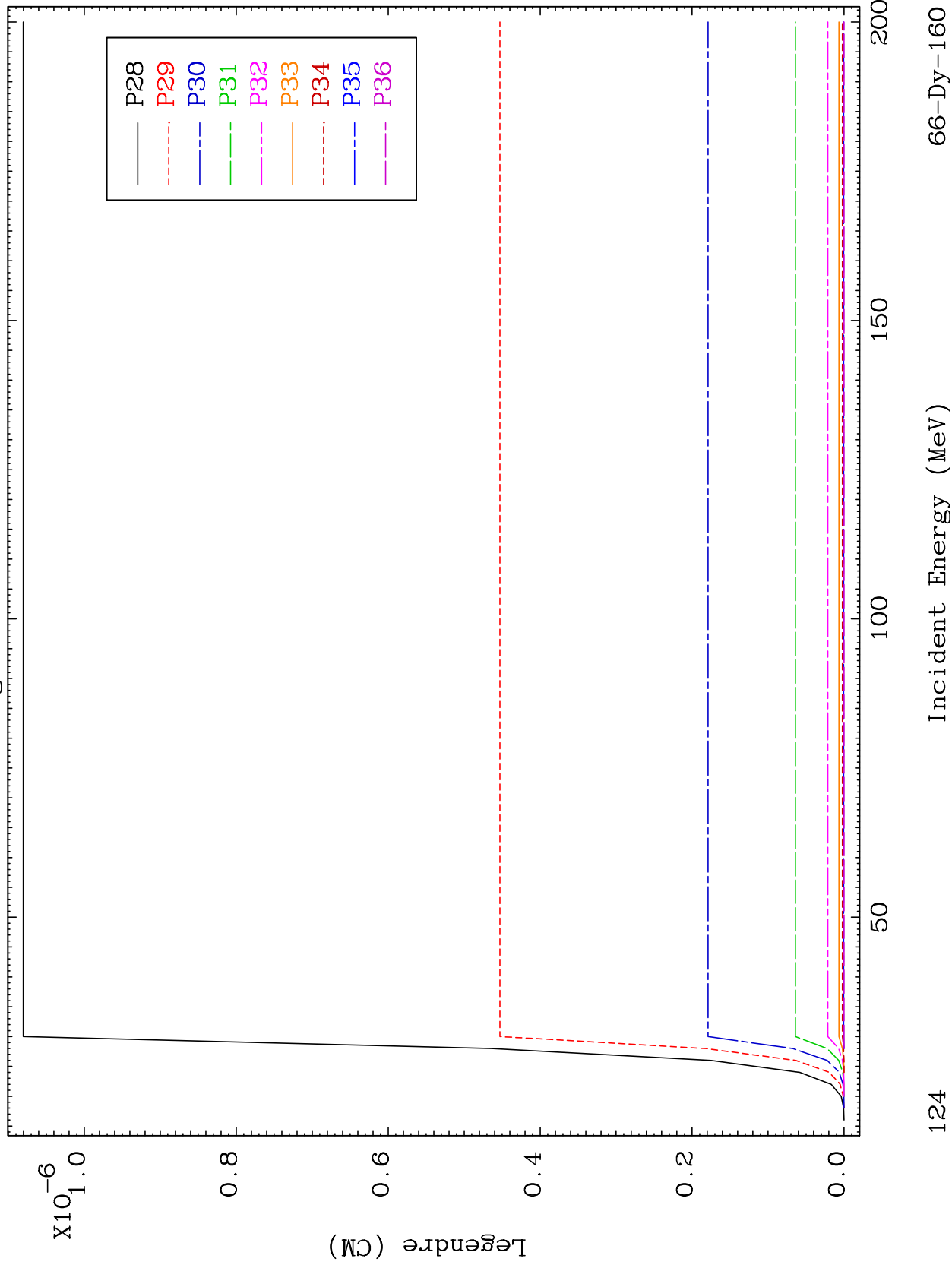




MAT 6637

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

66-Dy-160



124

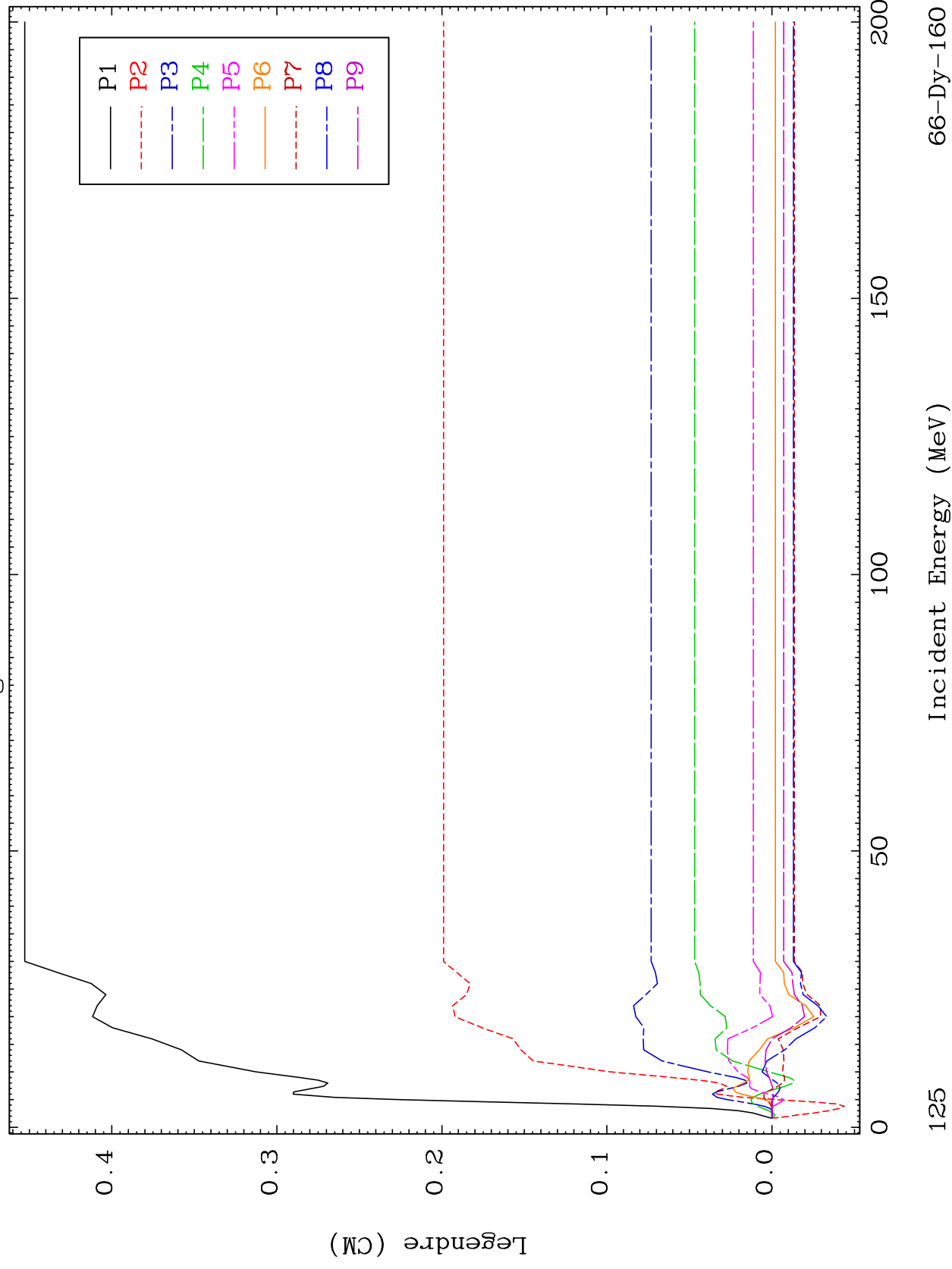
Incident Energy (MeV)

66-Dy-160

MAT 6637

MT= 80 (n,n') Level  
Legendre Coefficients

66-Dy-160



66-Dy-160

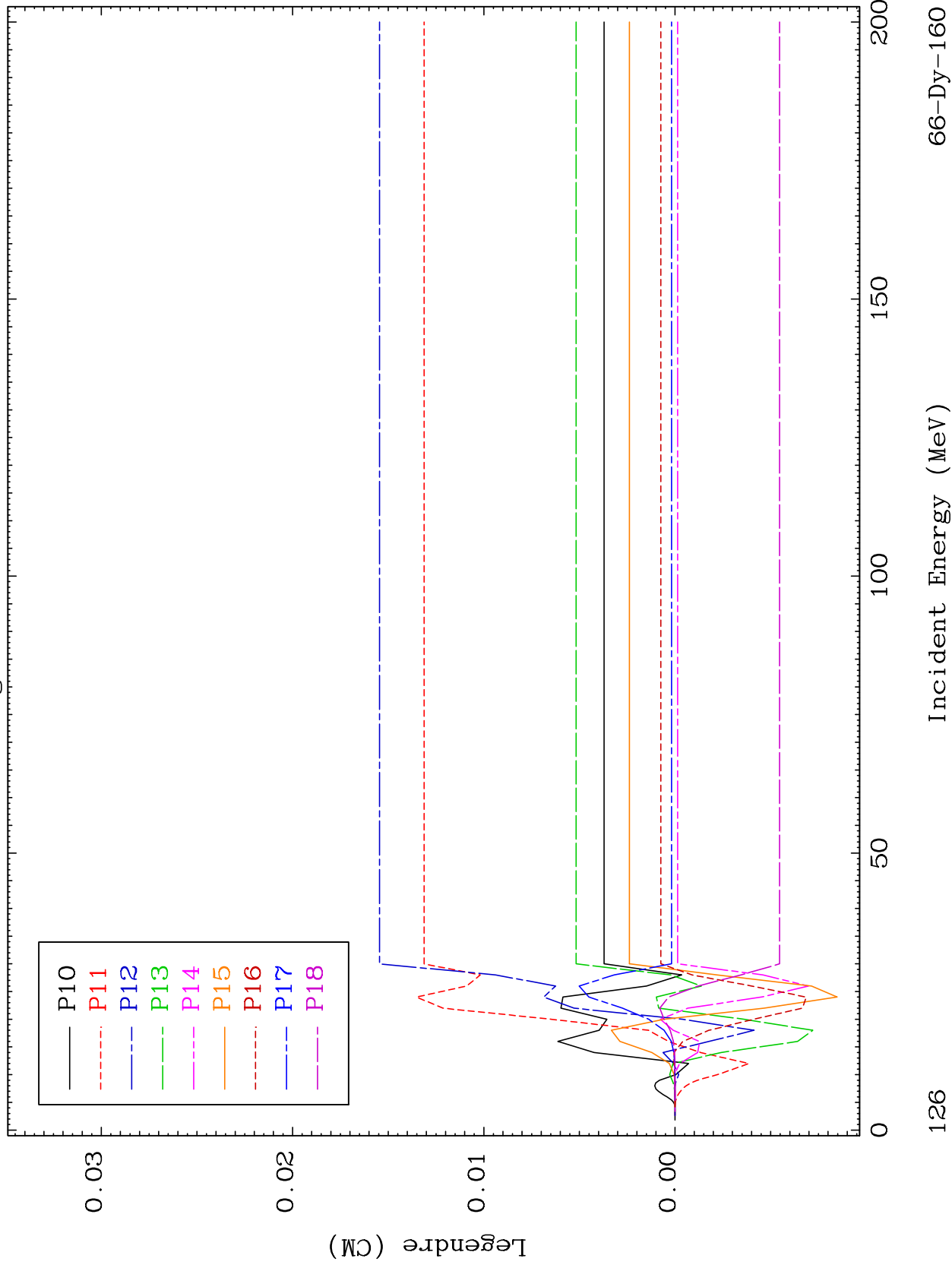
Incident Energy (MeV)

125

MAT 6637

MT= 80 (n,n') Level  
Legendre Coefficients

66-Dy-160



126

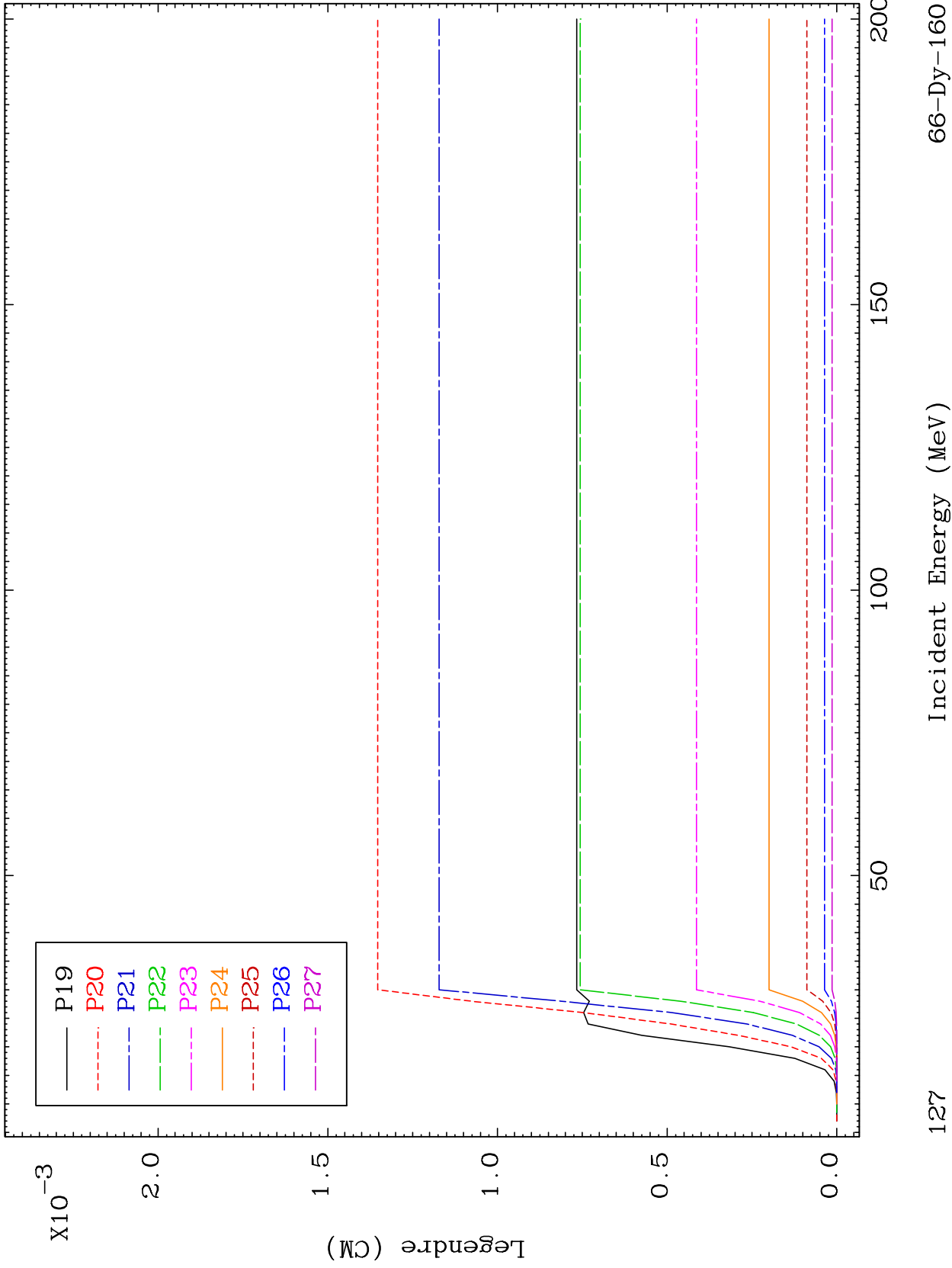
Incident Energy (MeV)

66-Dy-160

MAT 6637

MT= 80 (n,n') Level  
Legendre Coefficients

66-Dy-160

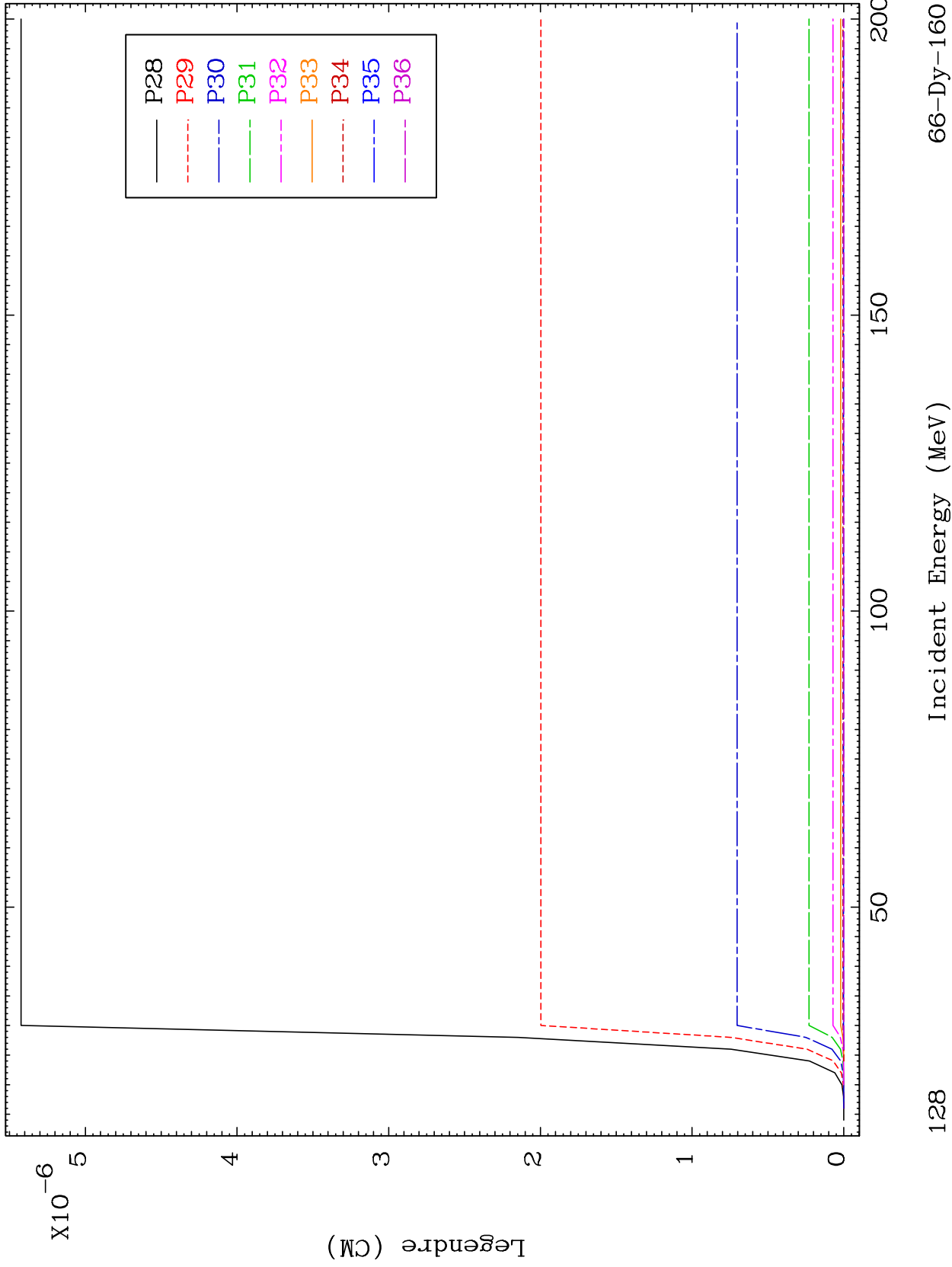




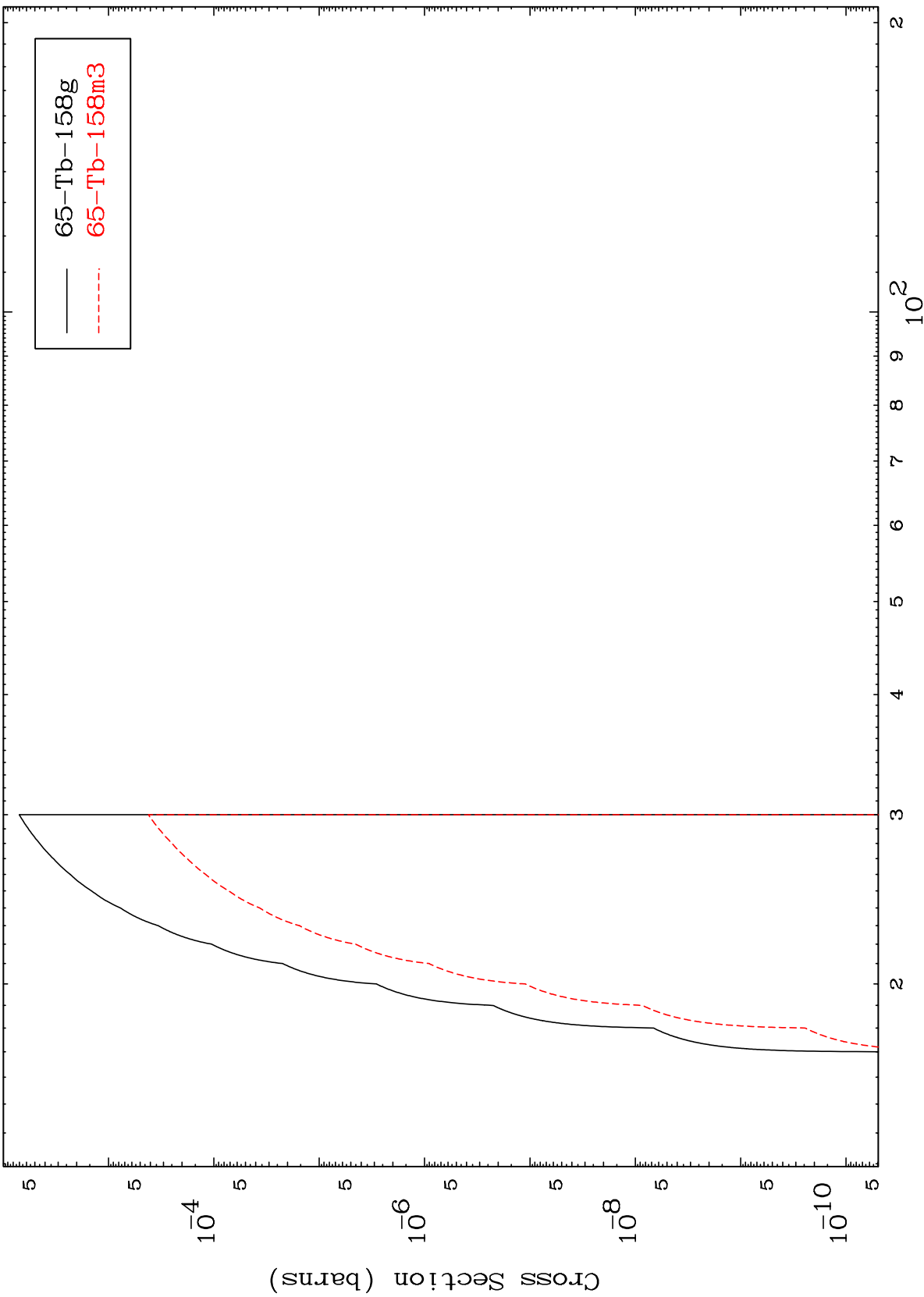
MAT 6637

MT= 80 (n,n') Level  
Legendre Coefficients

66-Dy-160



Radionuclide Production Cross Section



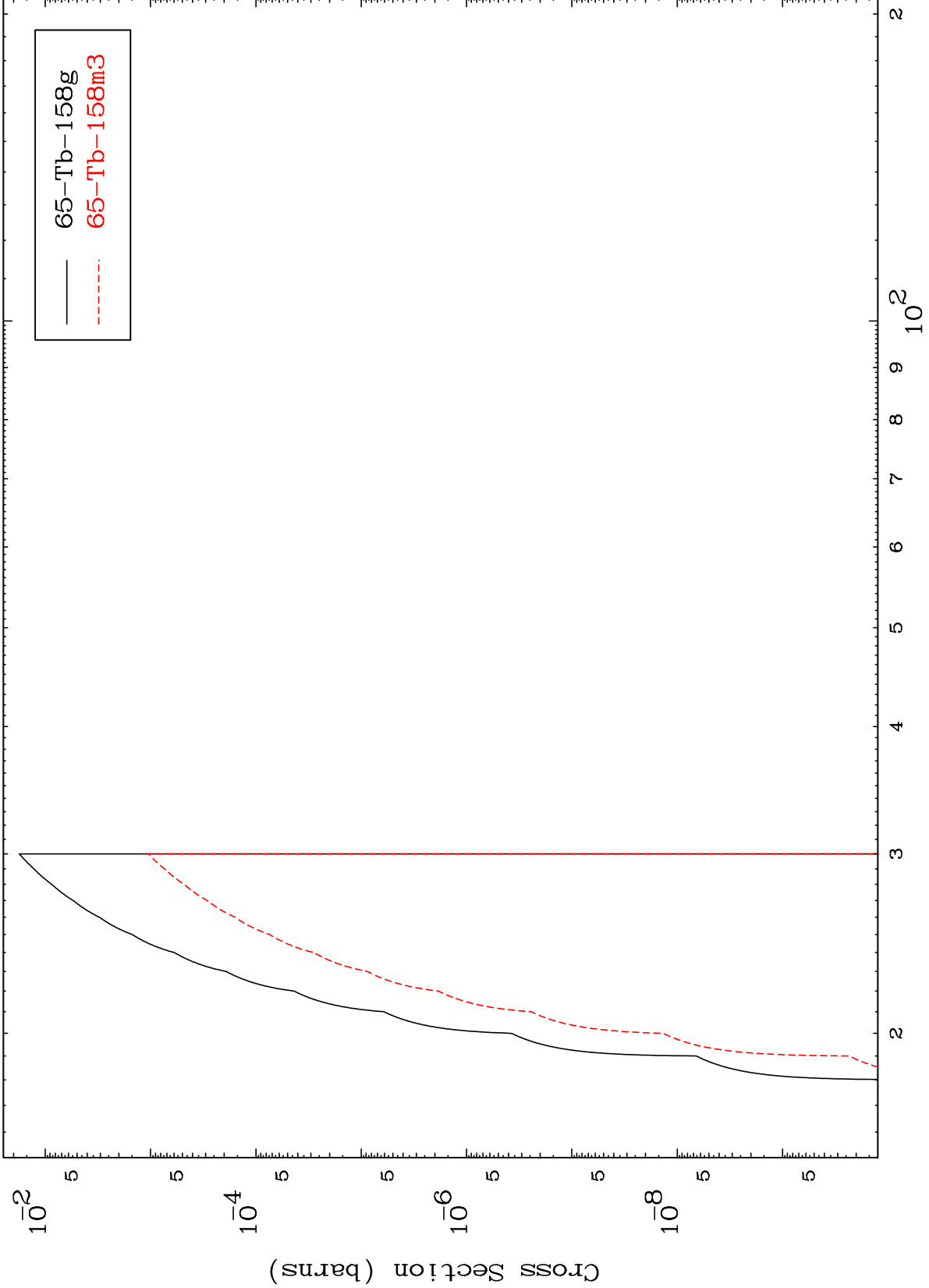
65-Tb-158g  
65-Tb-158m3

MAT 6637

(n,2n) p

66-Dy-160

Radionuclide Production Cross Section



65-Tb-158g  
65-Tb-158m3

130

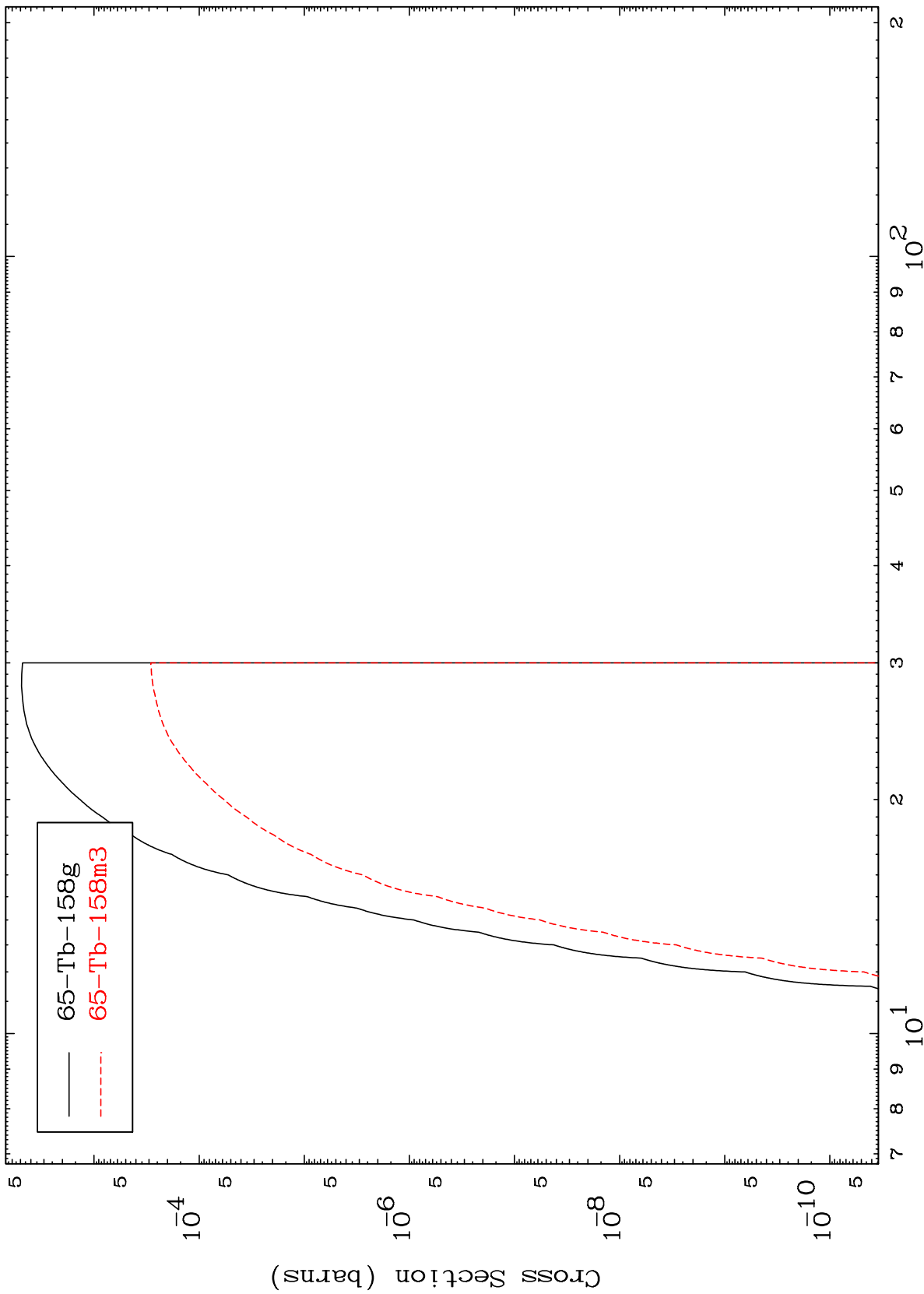
Incident Energy (MeV)

66-Dy-160

MAT 6637

66-Dy-160

(n,t)  
Radionuclide Production Cross Section



131

Incident Energy (MeV)

66-Dy-160