

Program EVALPLOT  
(Version 2018-1)

by

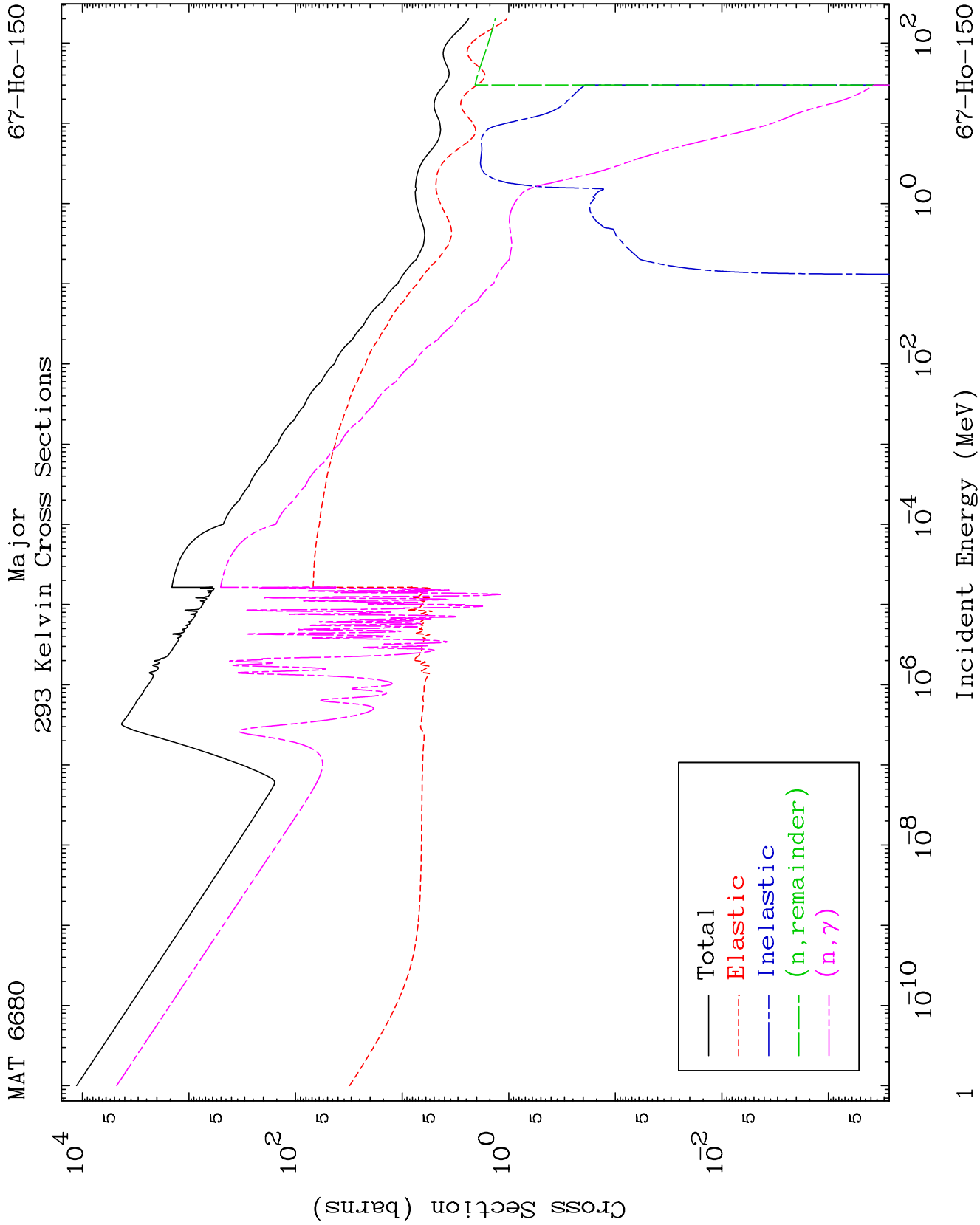
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(Present Contact Information)

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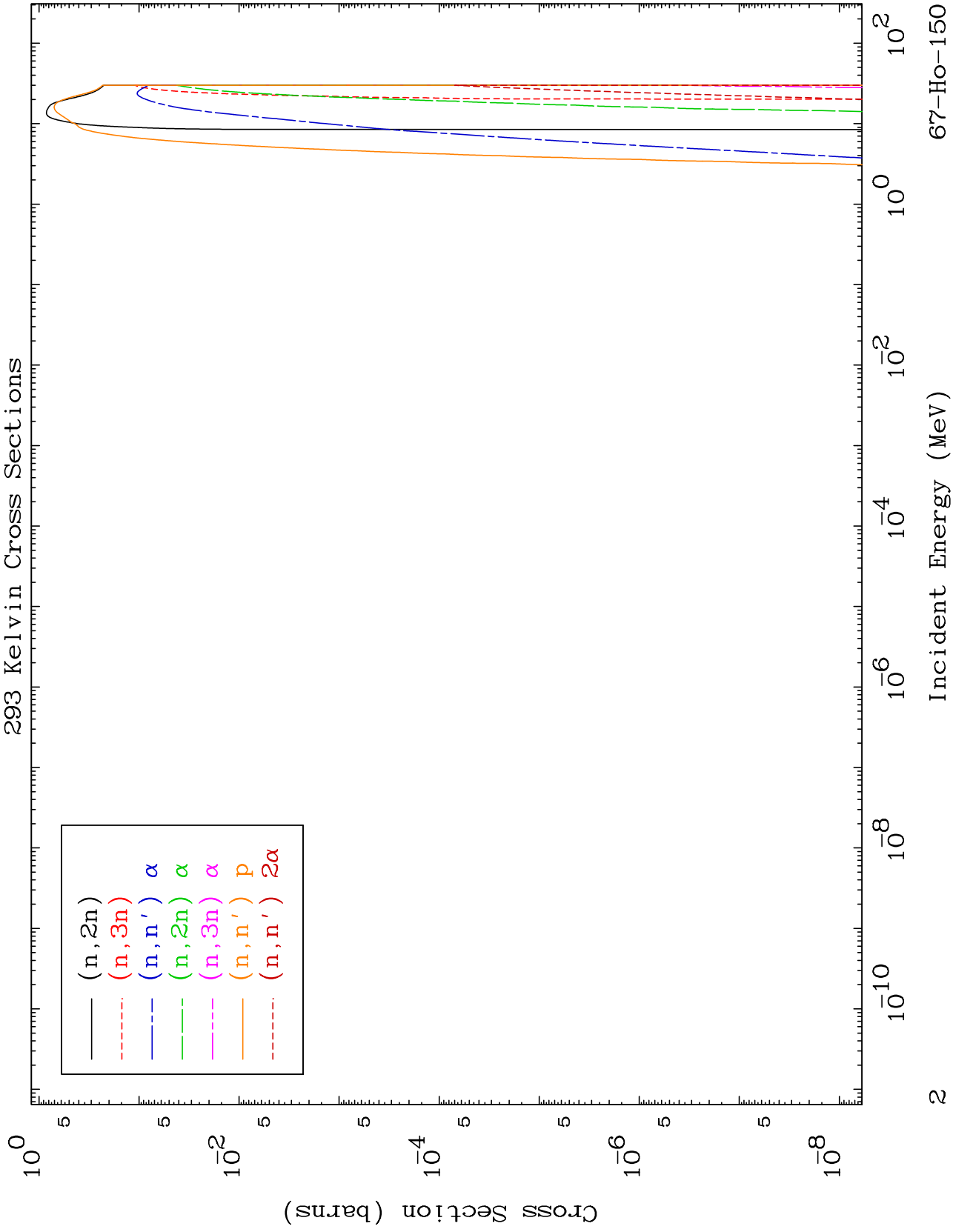
Press Mouse Button to Start



MAT 6680

Neutron Production  
293 Kelvin Cross Sections

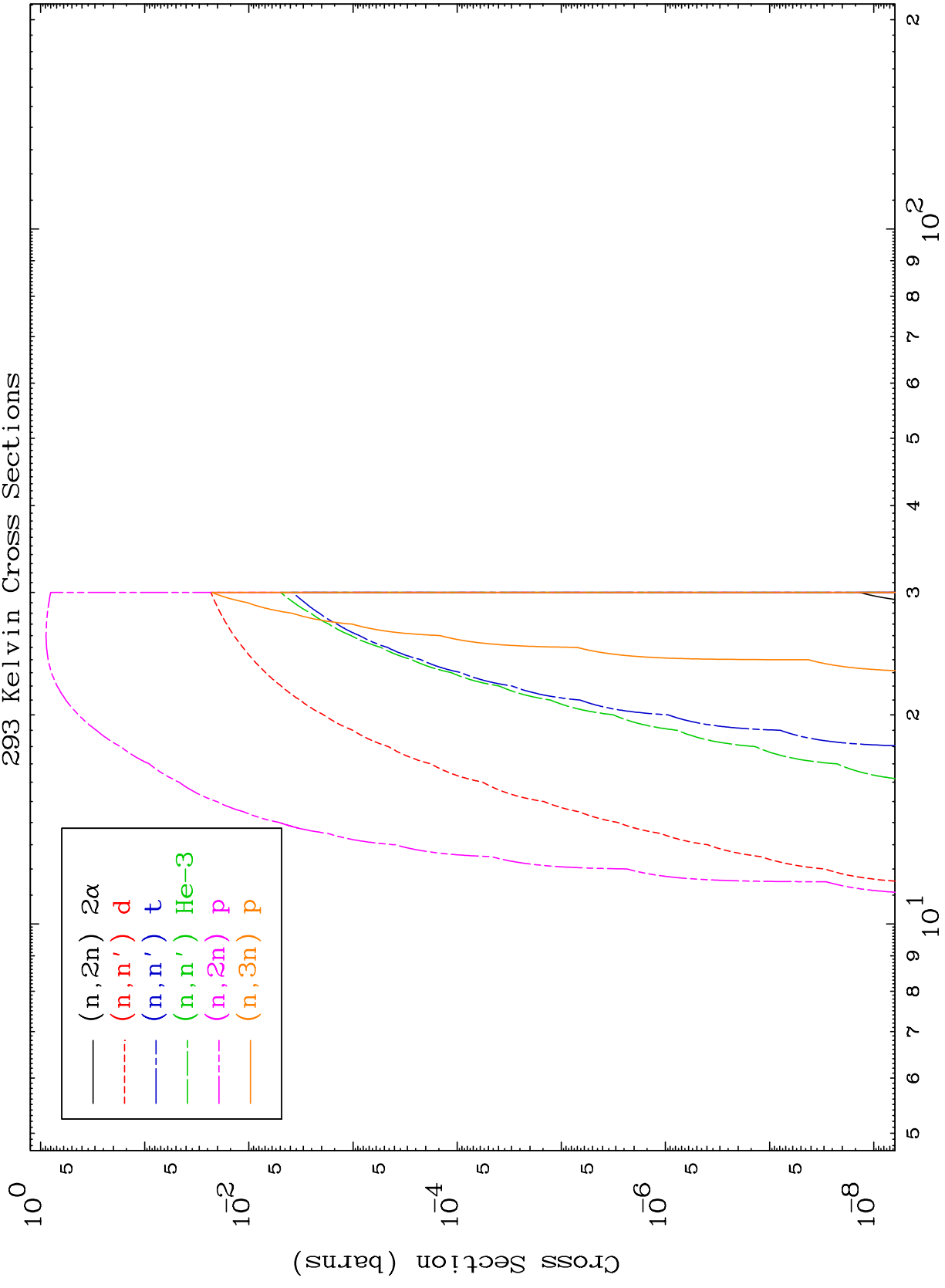
67-Ho-150



MAT 6680

Neutron Production  
293 Kelvin Cross Sections

67-Ho-150



3

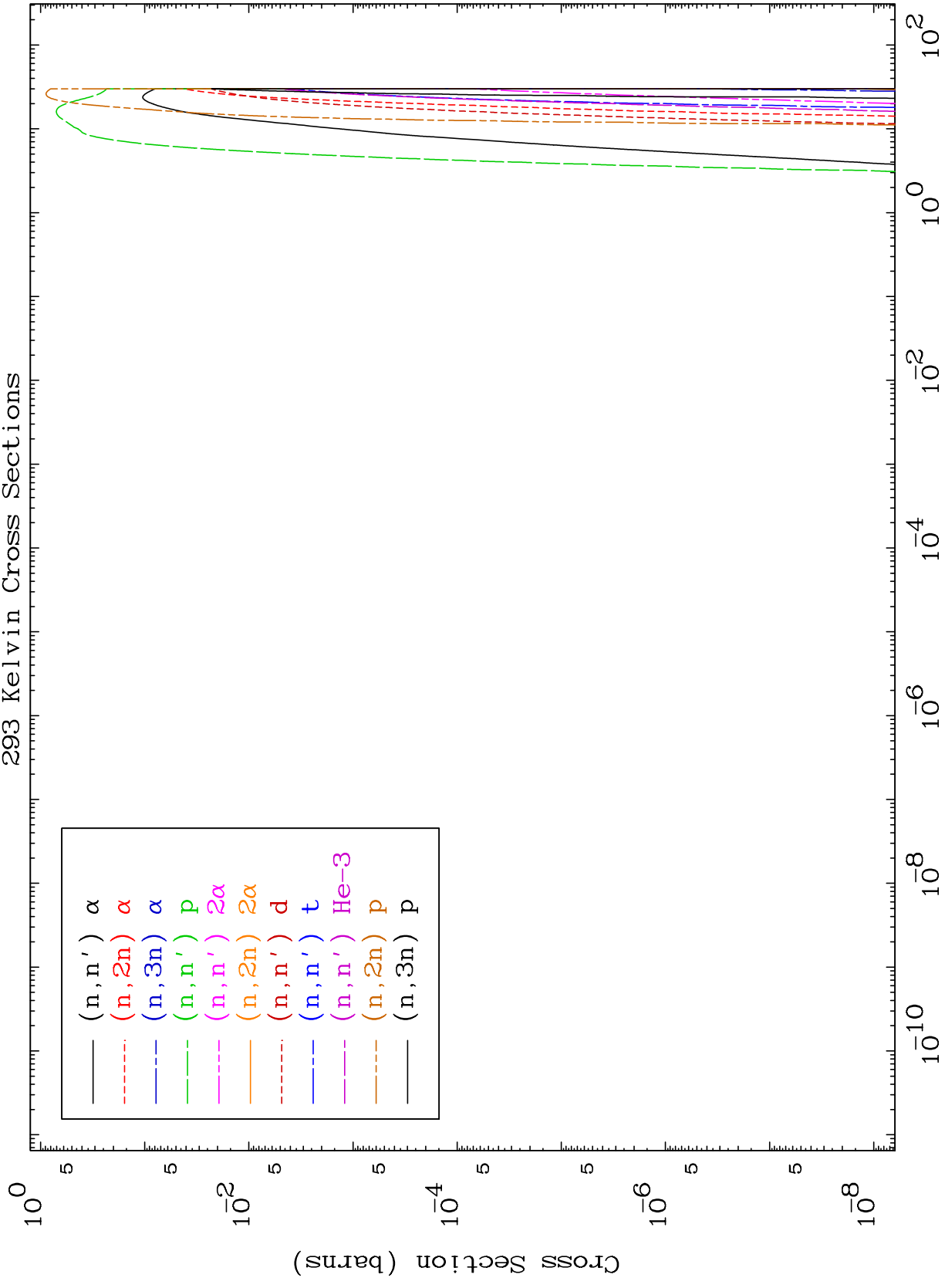
Incident Energy (MeV)

67-Ho-150

MAT 6680

Charged Particle  
293 Kelvin Cross Sections

67-Ho-150

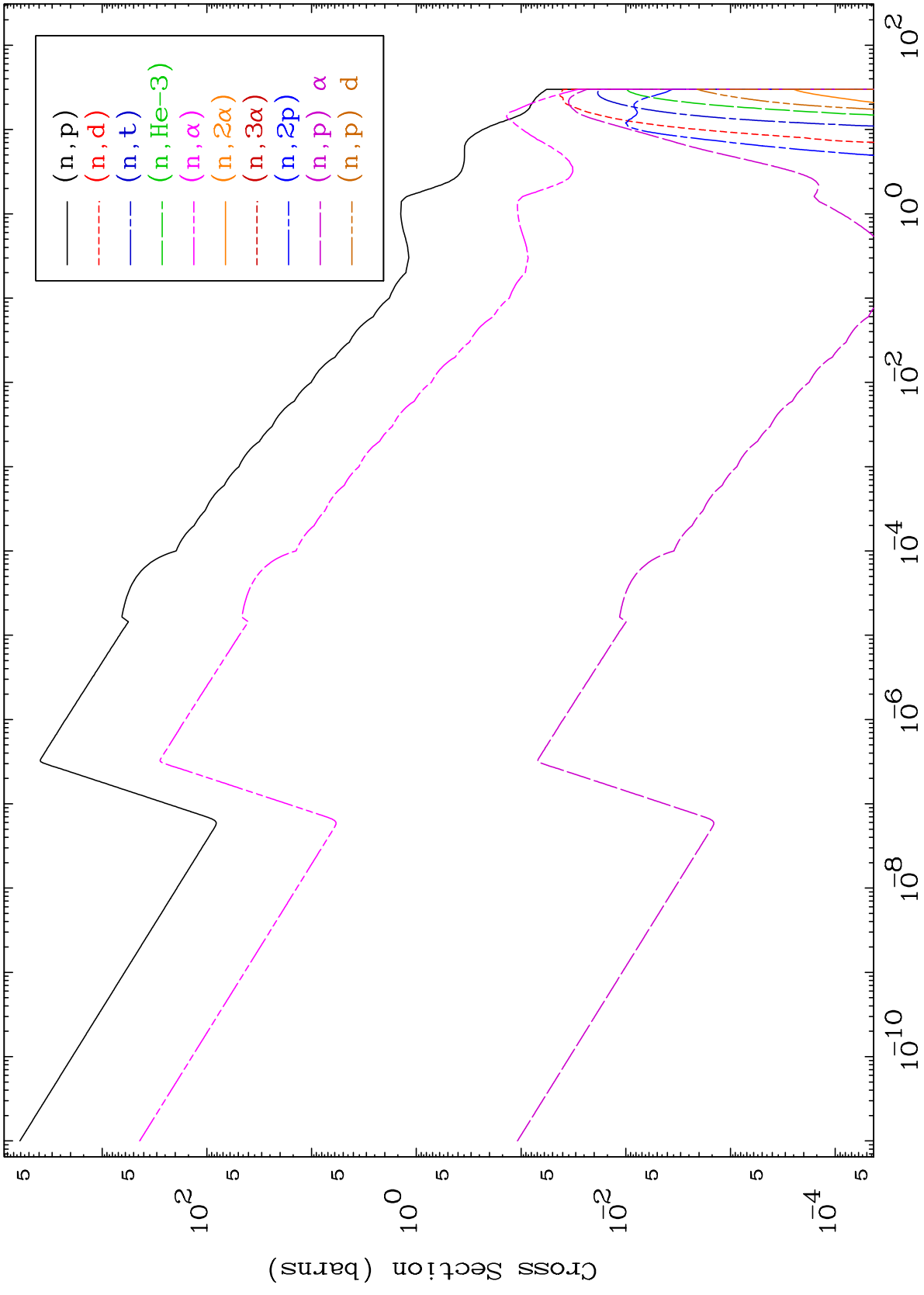


67-Ho-150

MAT 6680

293 Kelvin Cross Sections

67-Ho-150



5

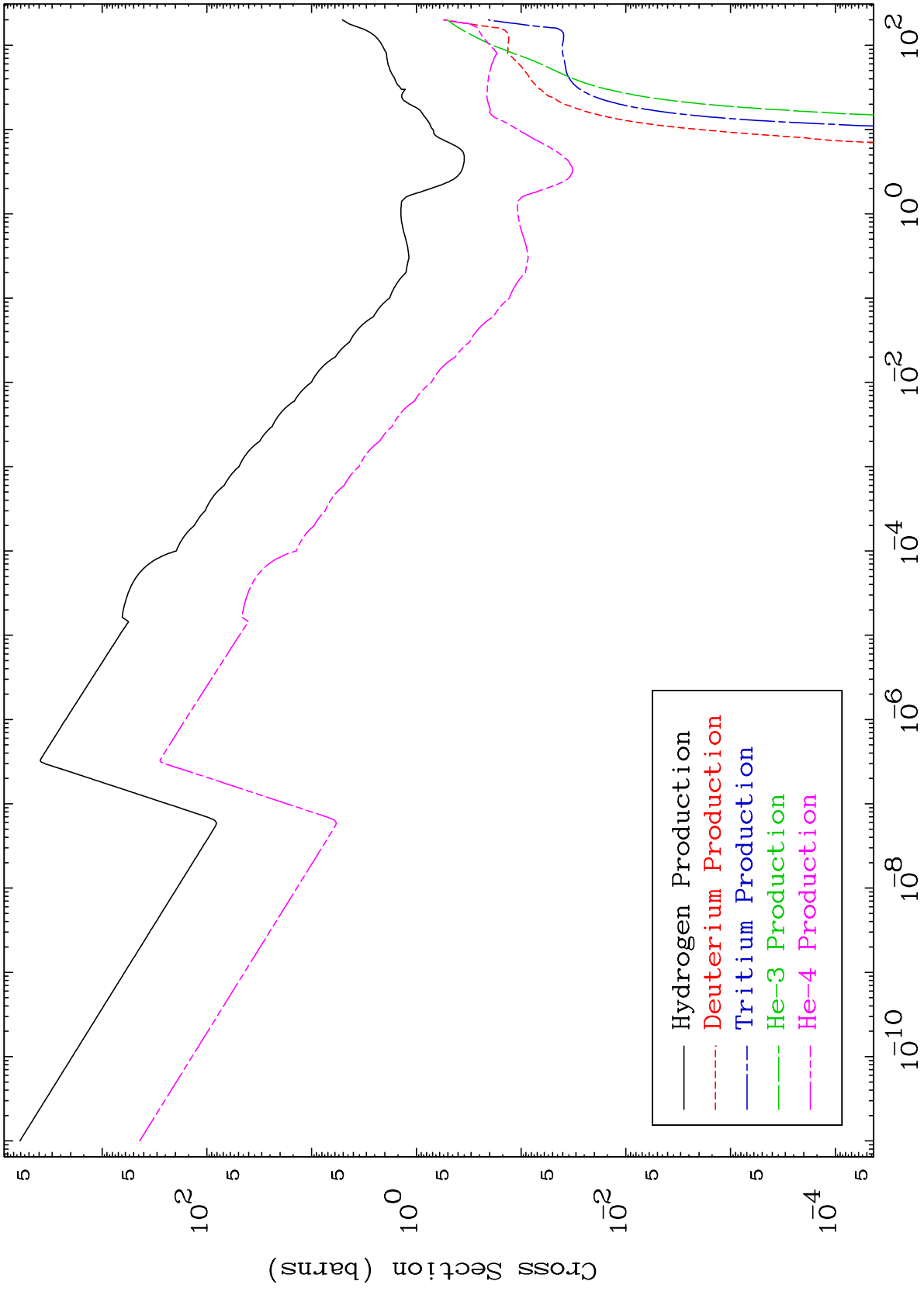
Incident Energy (MeV)

67-Ho-150

MAT 6680

Particle Production  
293 Kelvin Cross Sections

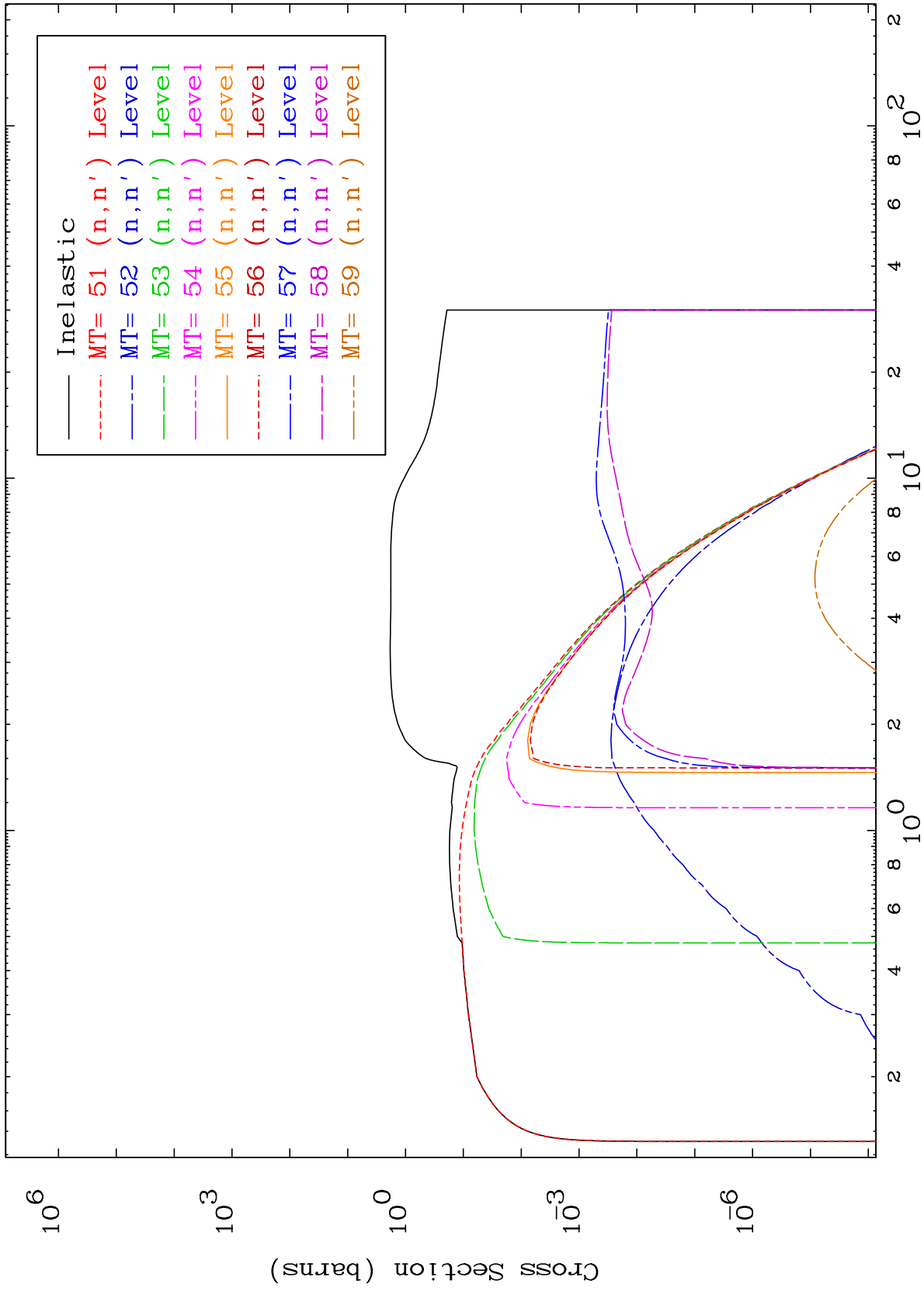
67-Ho-150



MAT 6680

(n,n') Level  
293 Kelvin Cross Sections

67-Ho-150



7

Incident Energy (MeV)

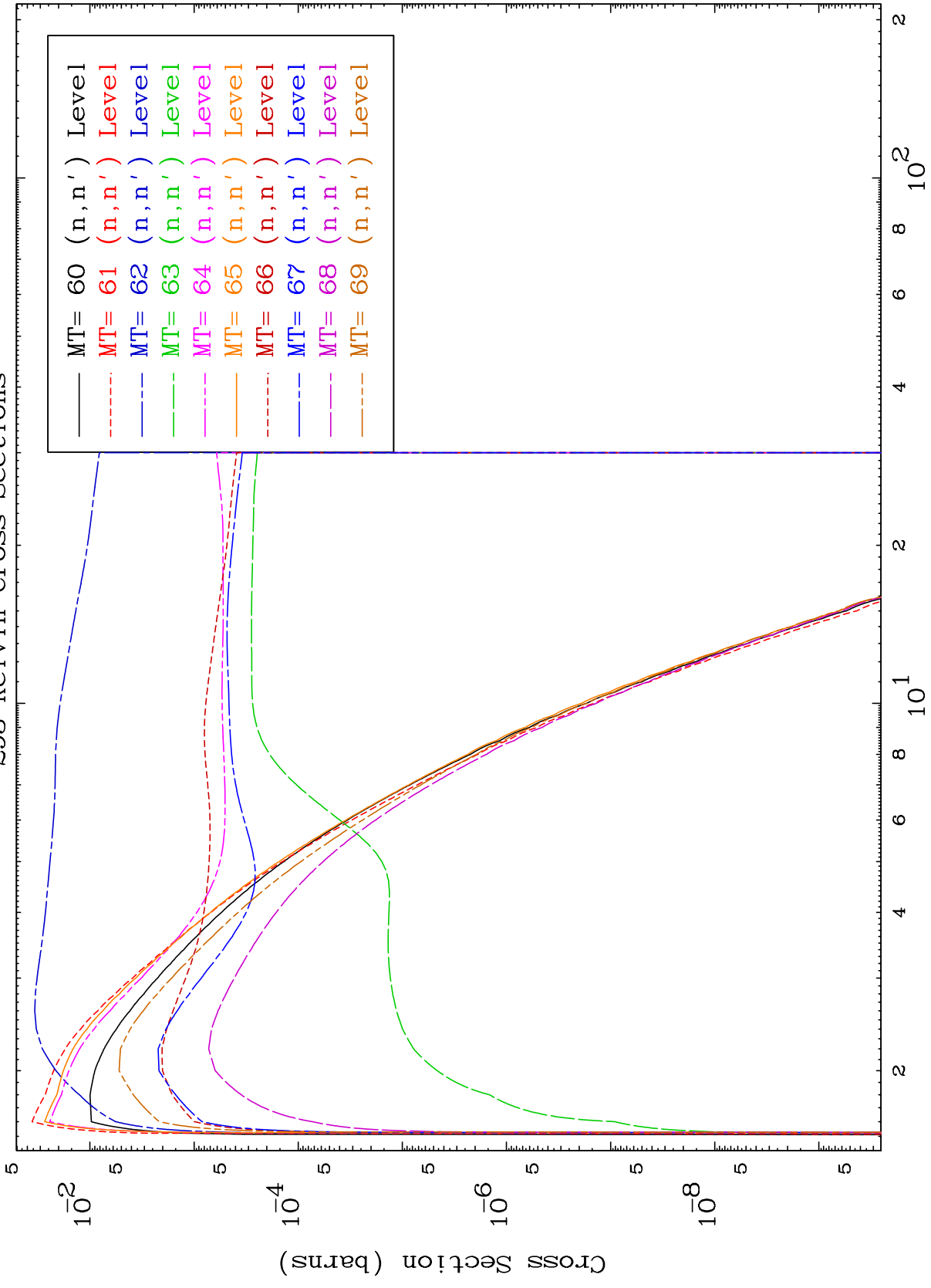
67-Ho-150



MAT 6680

(n,n') Level  
293 Kelvin Cross Sections

67-Ho-150



8

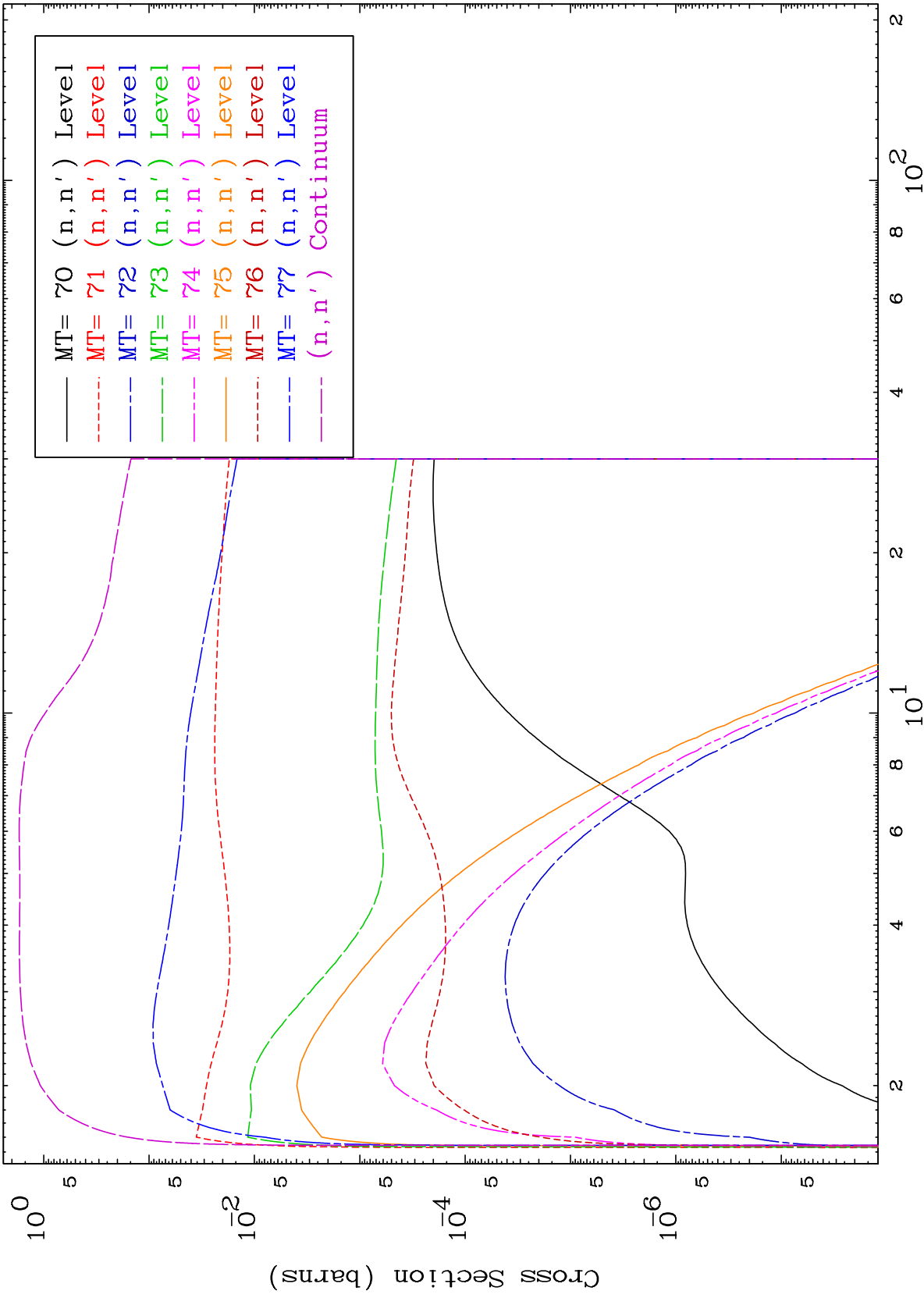
Incident Energy (MeV)

67-Ho-150

MAT 6680

(n,n') Level  
293 Kelvin Cross Sections

67-Ho-150



9

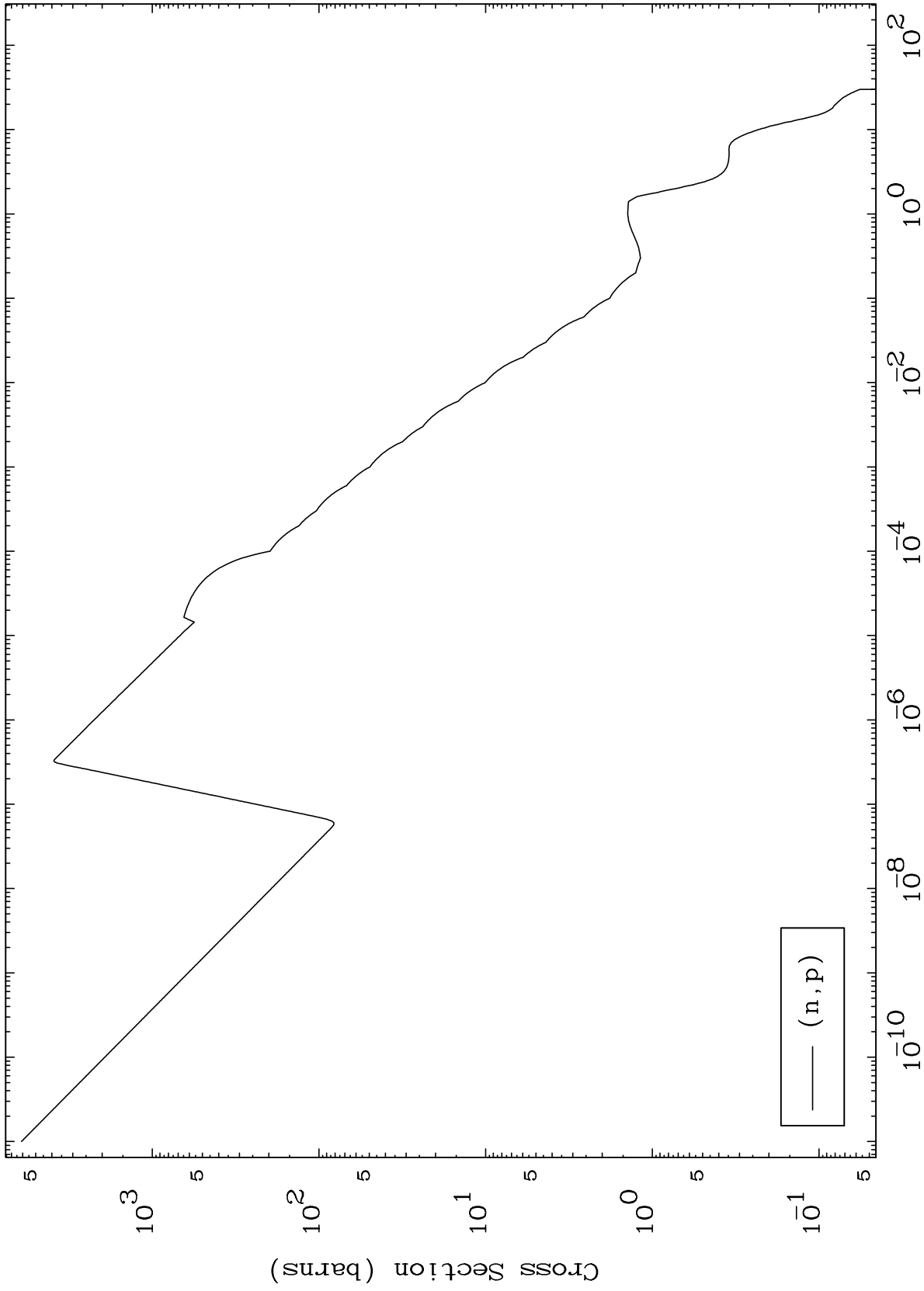
Incident Energy (MeV)

67-Ho-150

MAT 6680

(n,p) Levels  
293 Kelvin Cross Sections

67-Ho-150



10

Incident Energy (MeV)

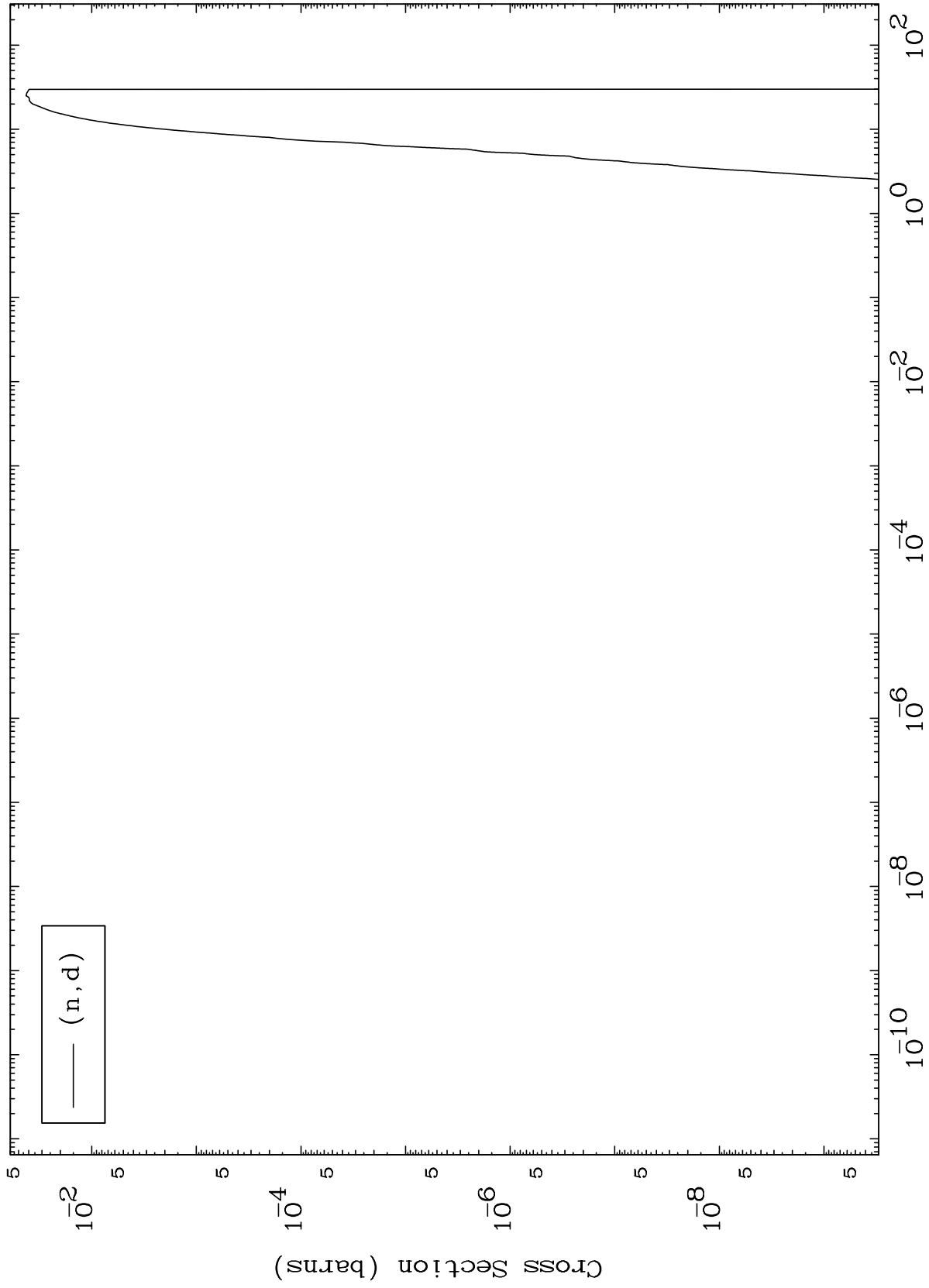
67-Ho-150

(n,p)

MAT 6680

(n,d) Levels  
293 Kelvin Cross Sections

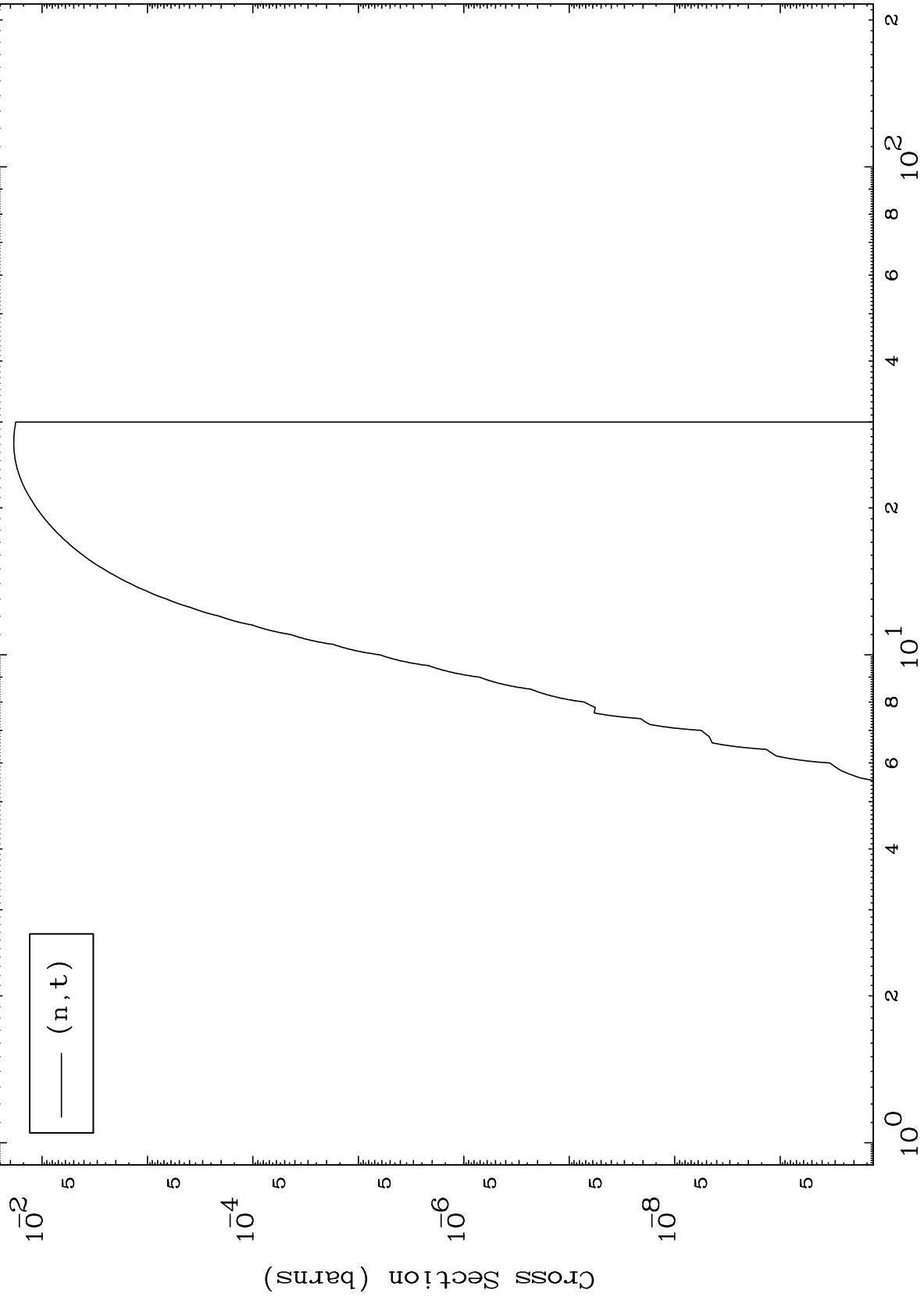
67-Ho-150



MAT 6680

(n,t) Levels  
293 Kelvin Cross Sections

67-Ho-150



12

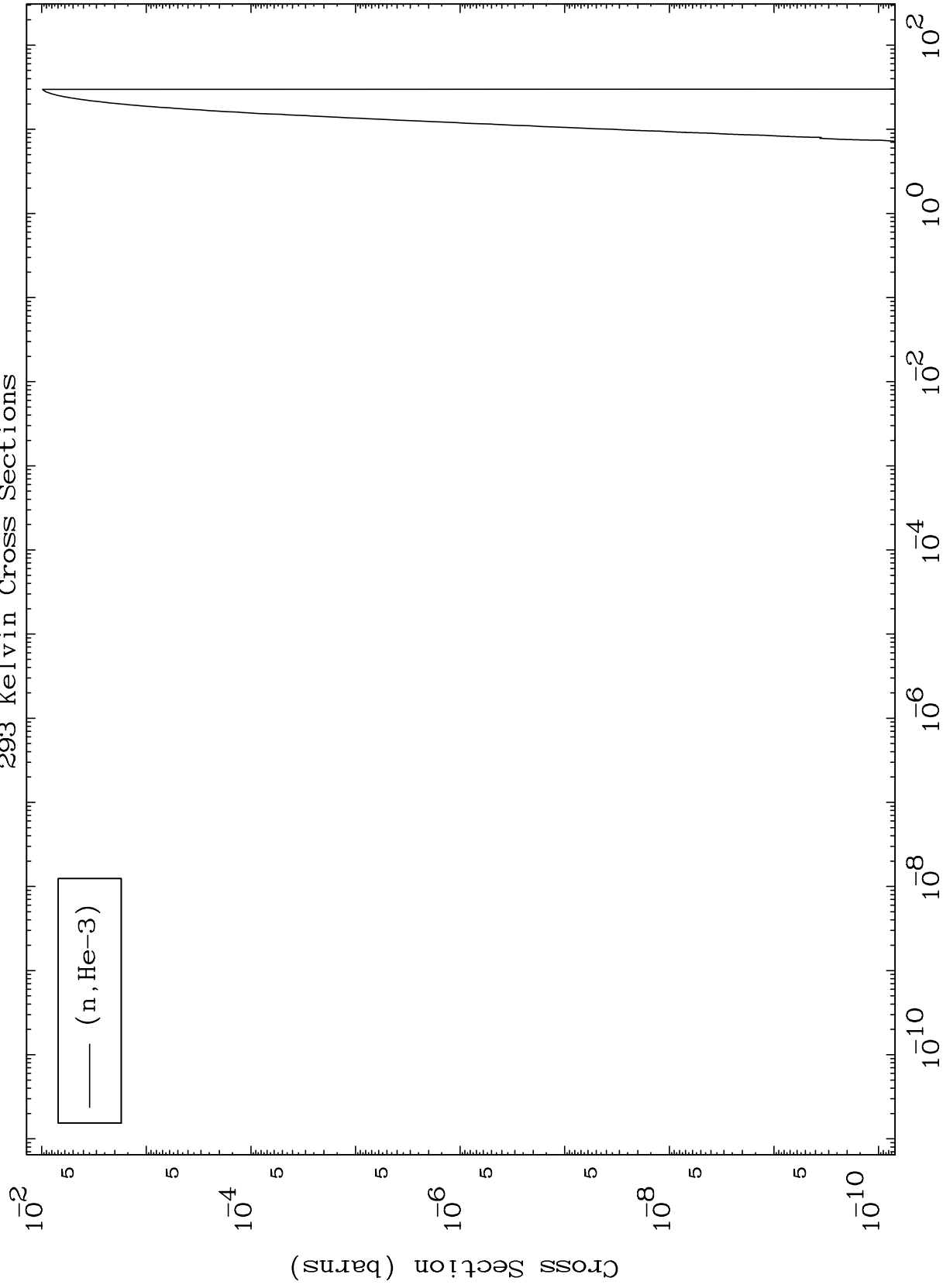
Incident Energy (MeV)

67-Ho-150

MAT 6680

(n,He3) Levels  
293 Kelvin Cross Sections

67-Ho-150

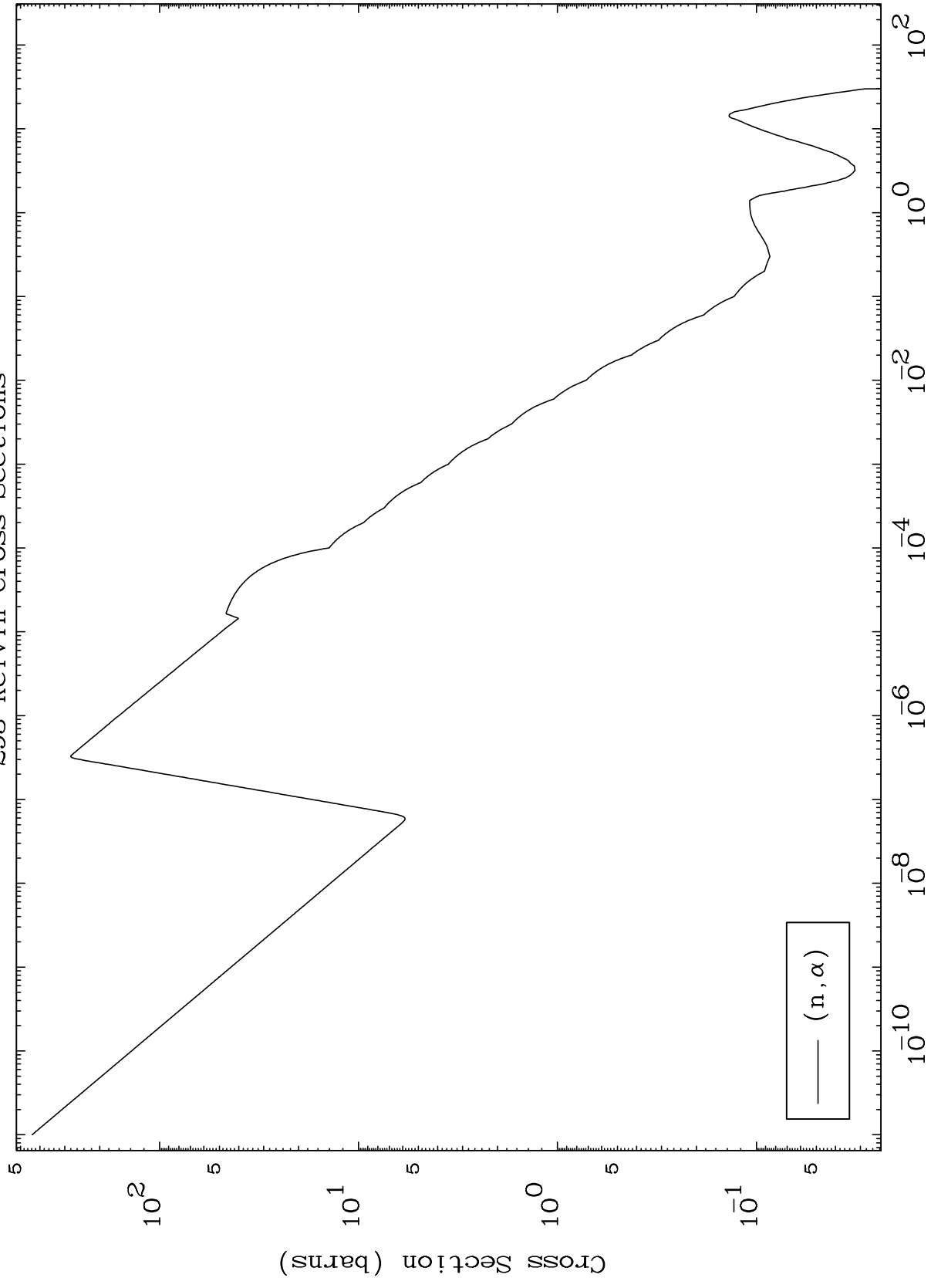


(n, He-3)

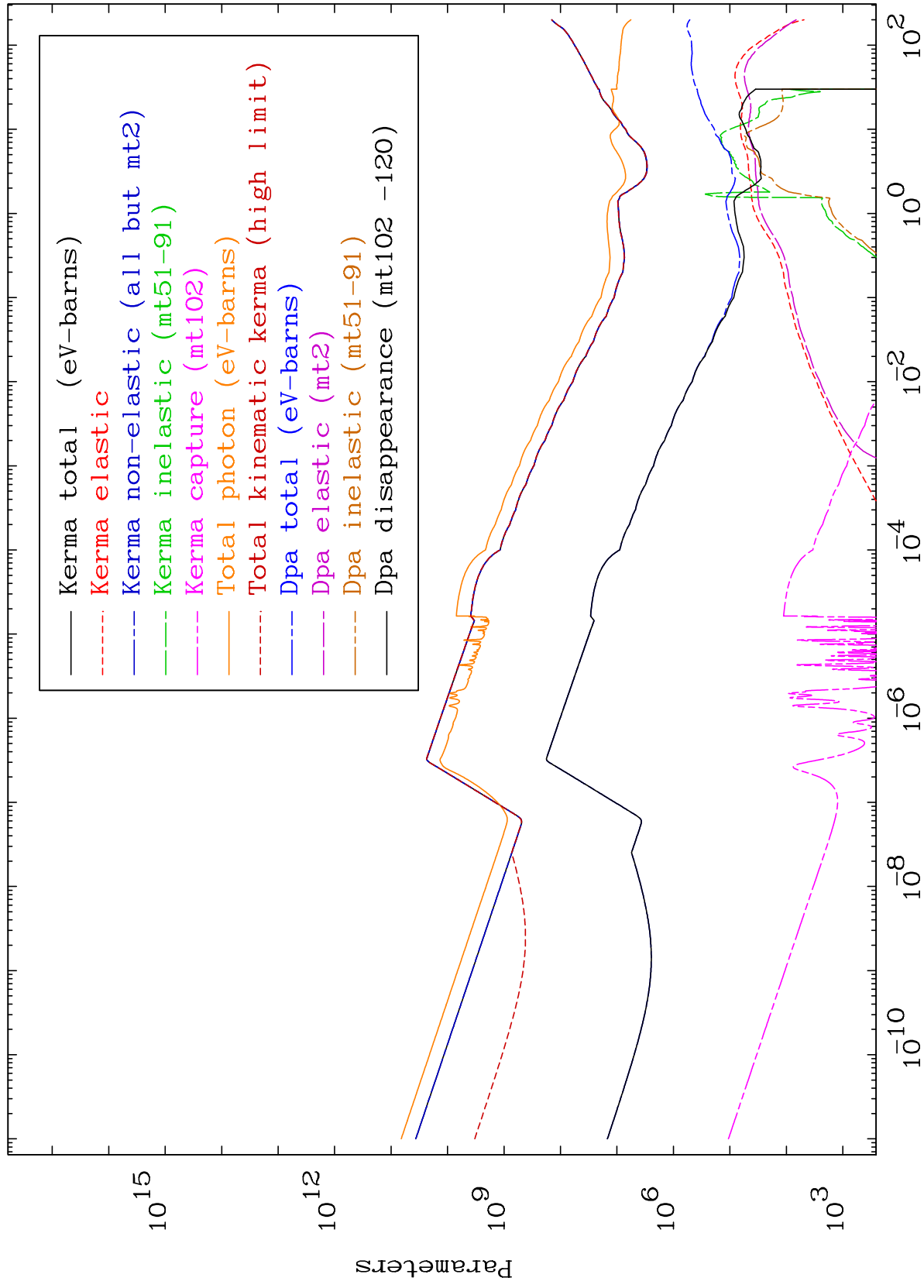
MAT 6680

(n,α) Levels  
293 Kelvin Cross Sections

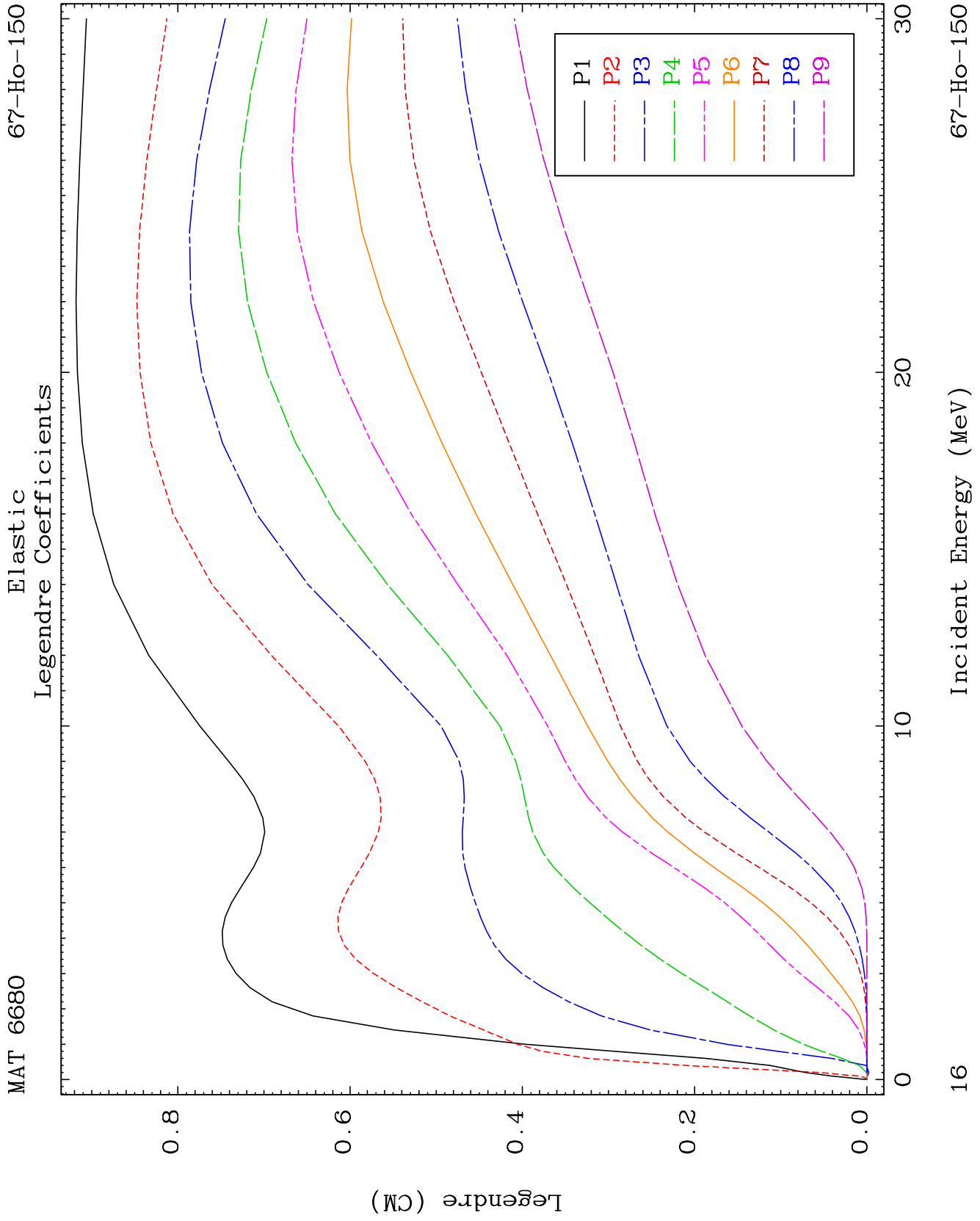
67-Ho-150



— (n,α)



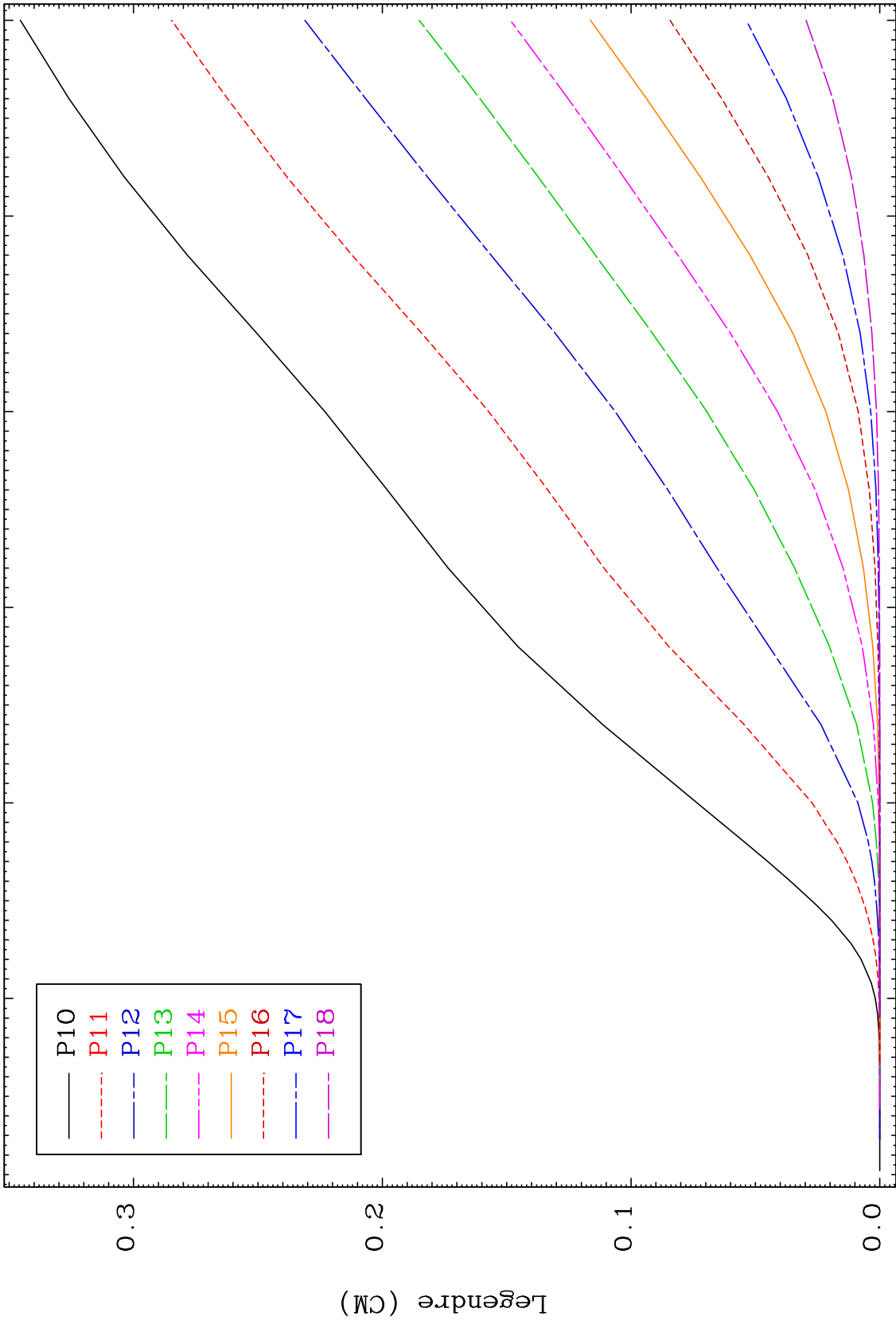




MAT 6680

Elastic Legendre Coefficients

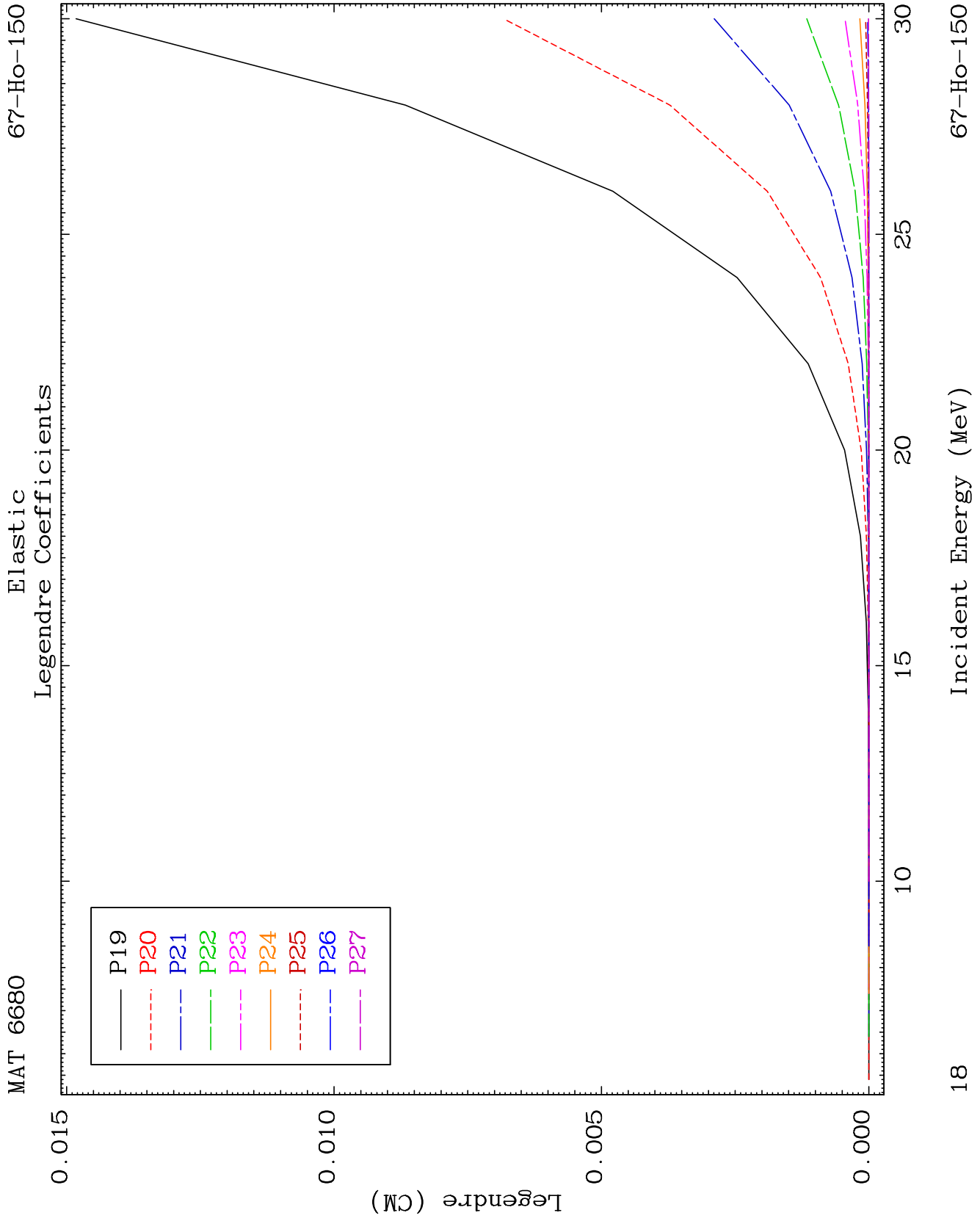
67-Ho-150



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Incident Energy (MeV)

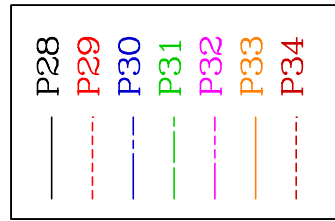
67-Ho-150



MAT 6680

Elastic Legendre Coefficients

67-Ho-150



$\times 10^{-6}$   
2.0  
1.5

Legendre (CM)

1.0

0.5

0.0

15

20

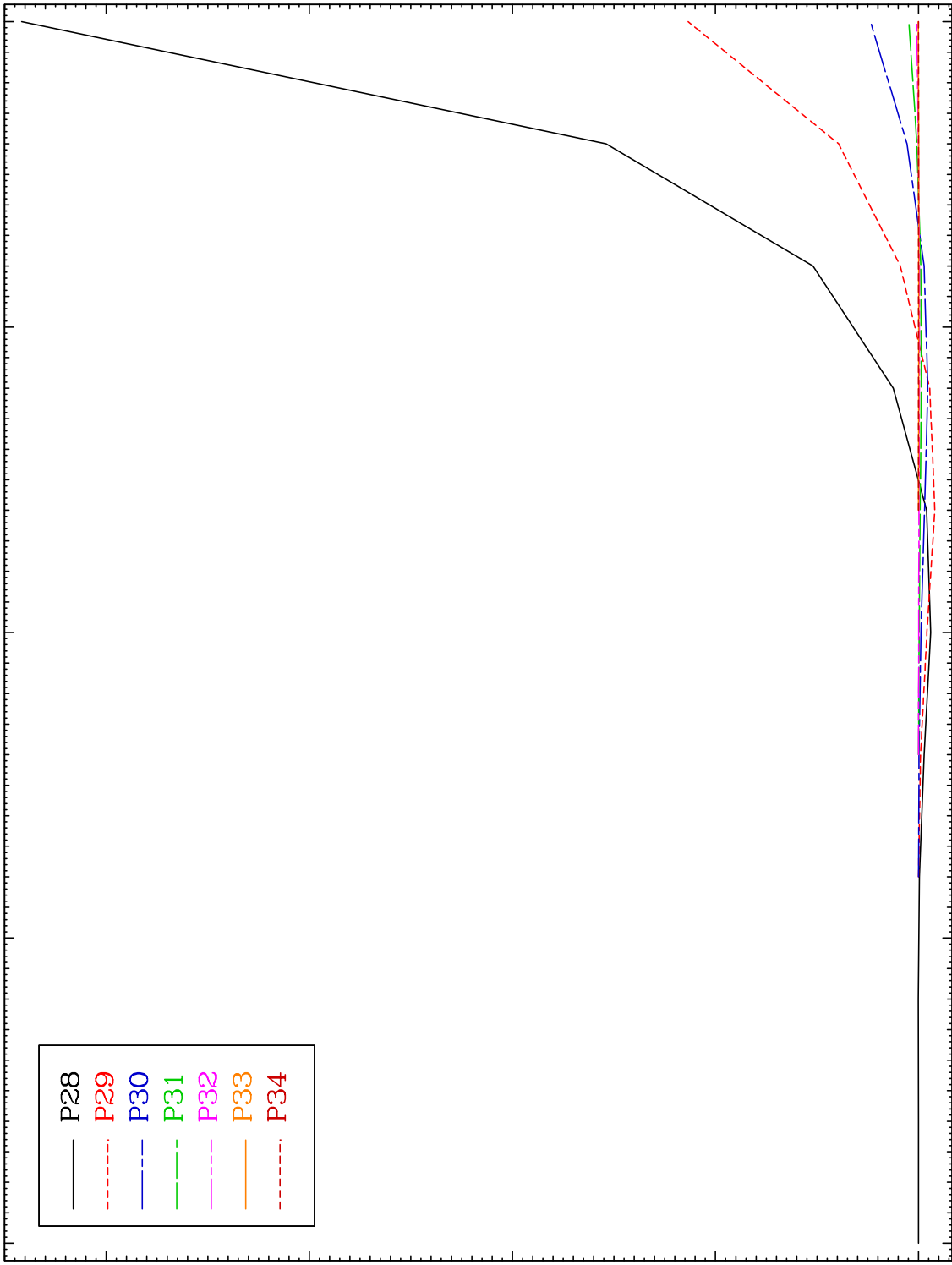
25

30

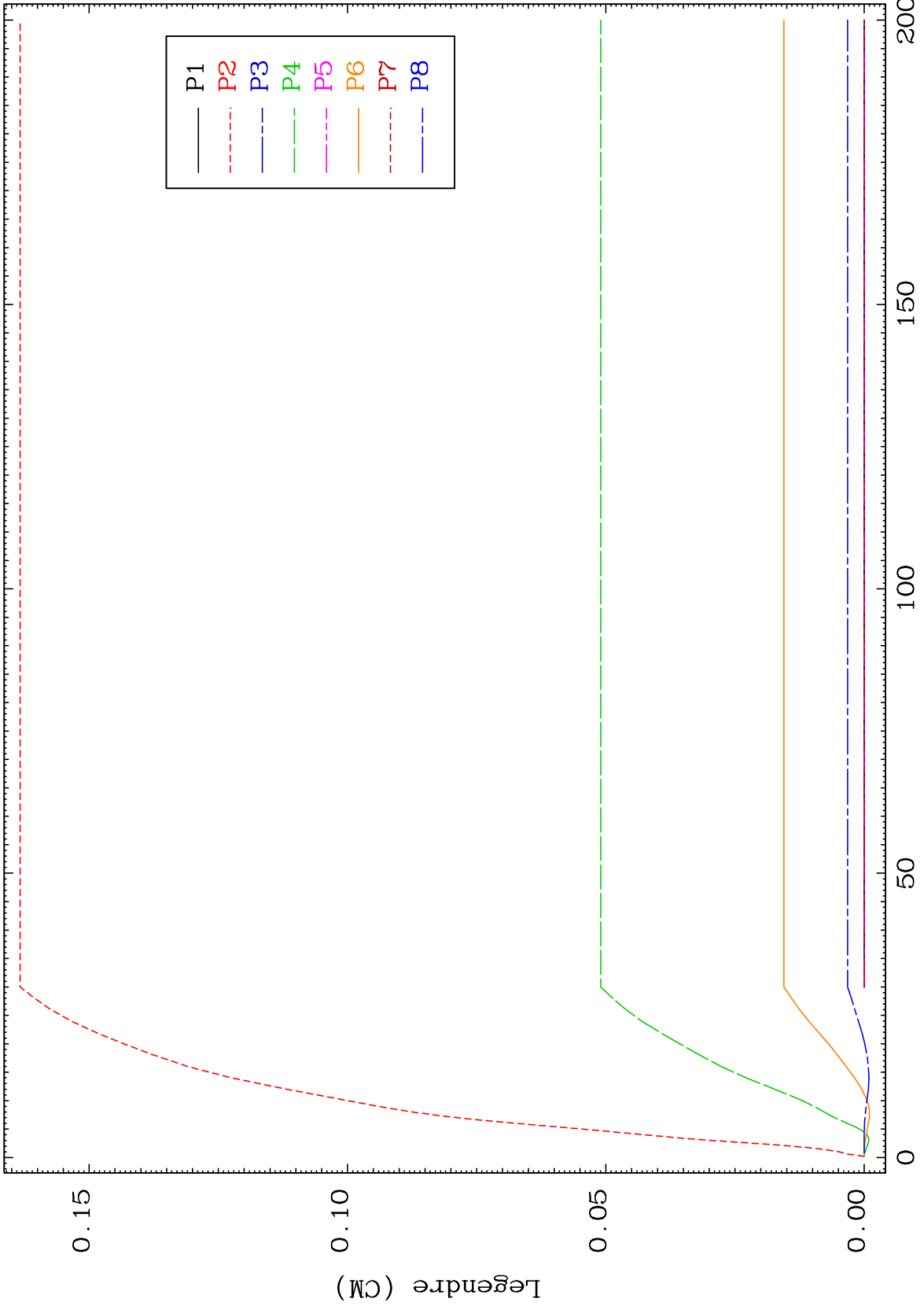
19

Incident Energy (MeV)

67-Ho-150

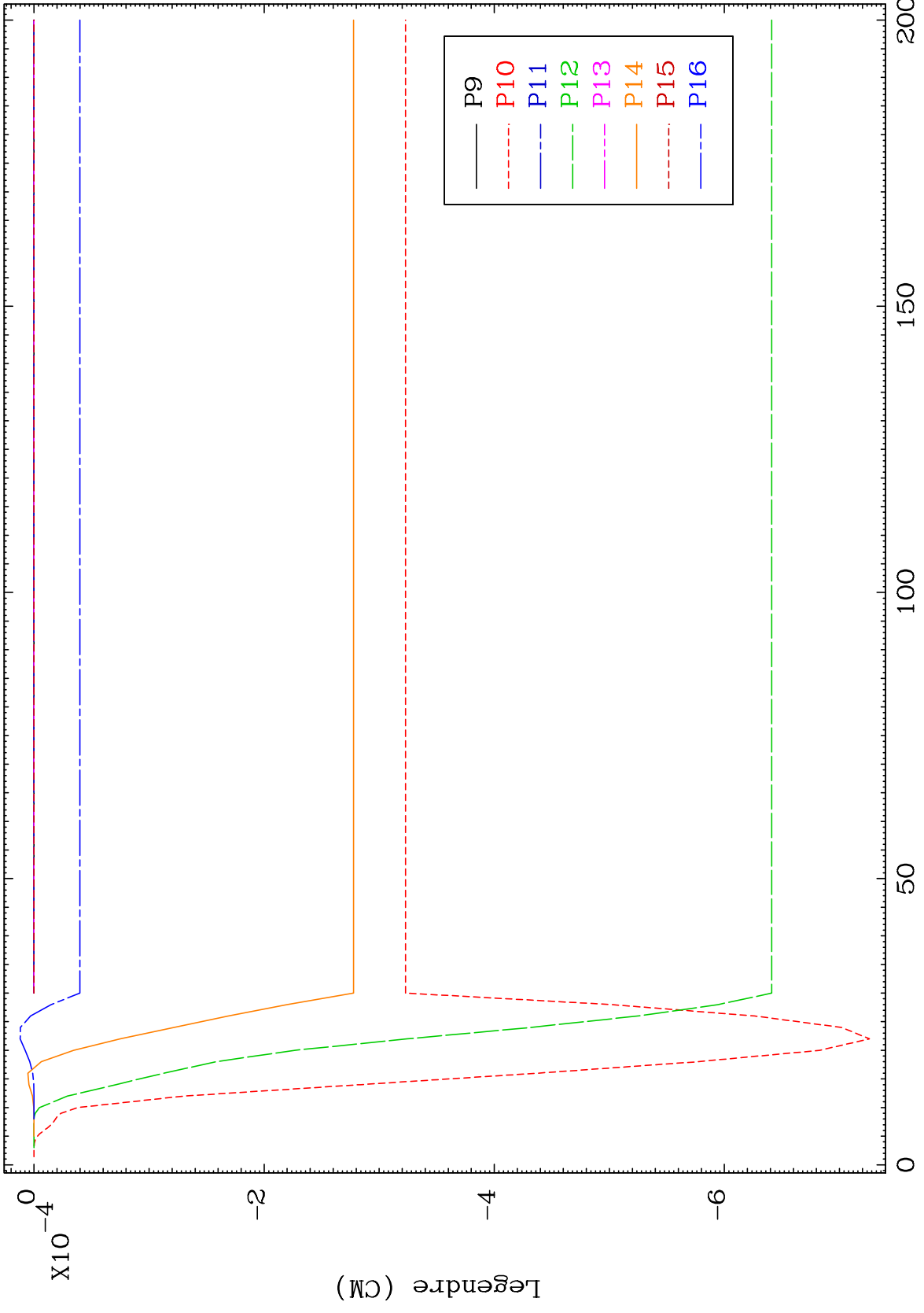


MAT 6680 MT= 51 (n,n') Level Legendre Coefficients 67-Ho-150



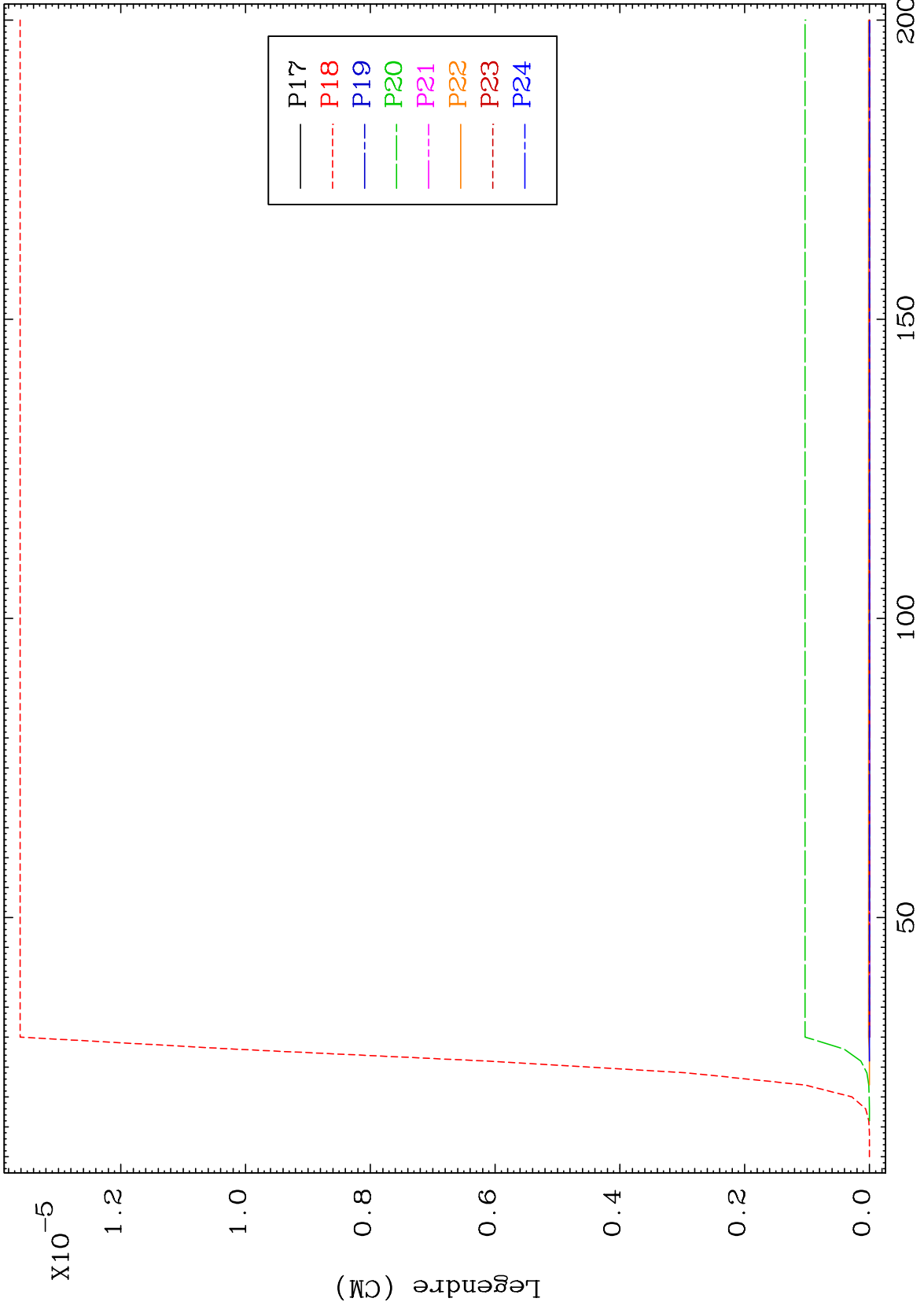
67-Ho-150

MAT 6680 MT= 51 (n,n') Level Legendre Coefficients 67-Ho-150

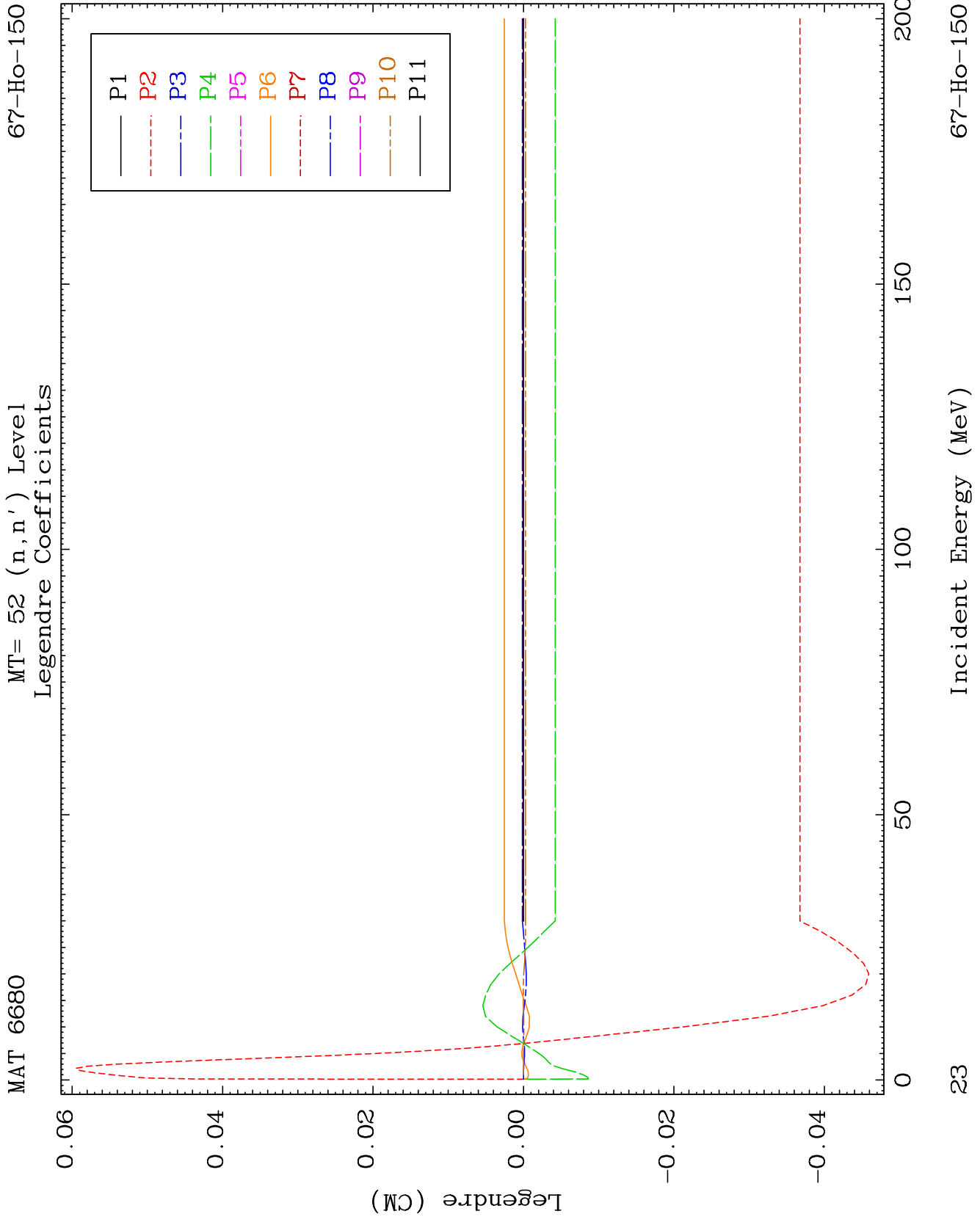


21 67-Ho-150

MAT 6680 MT= 51 (n,n') Level Legendre Coefficients 67-Ho-150



22 Incident Energy (MeV) 67-Ho-150

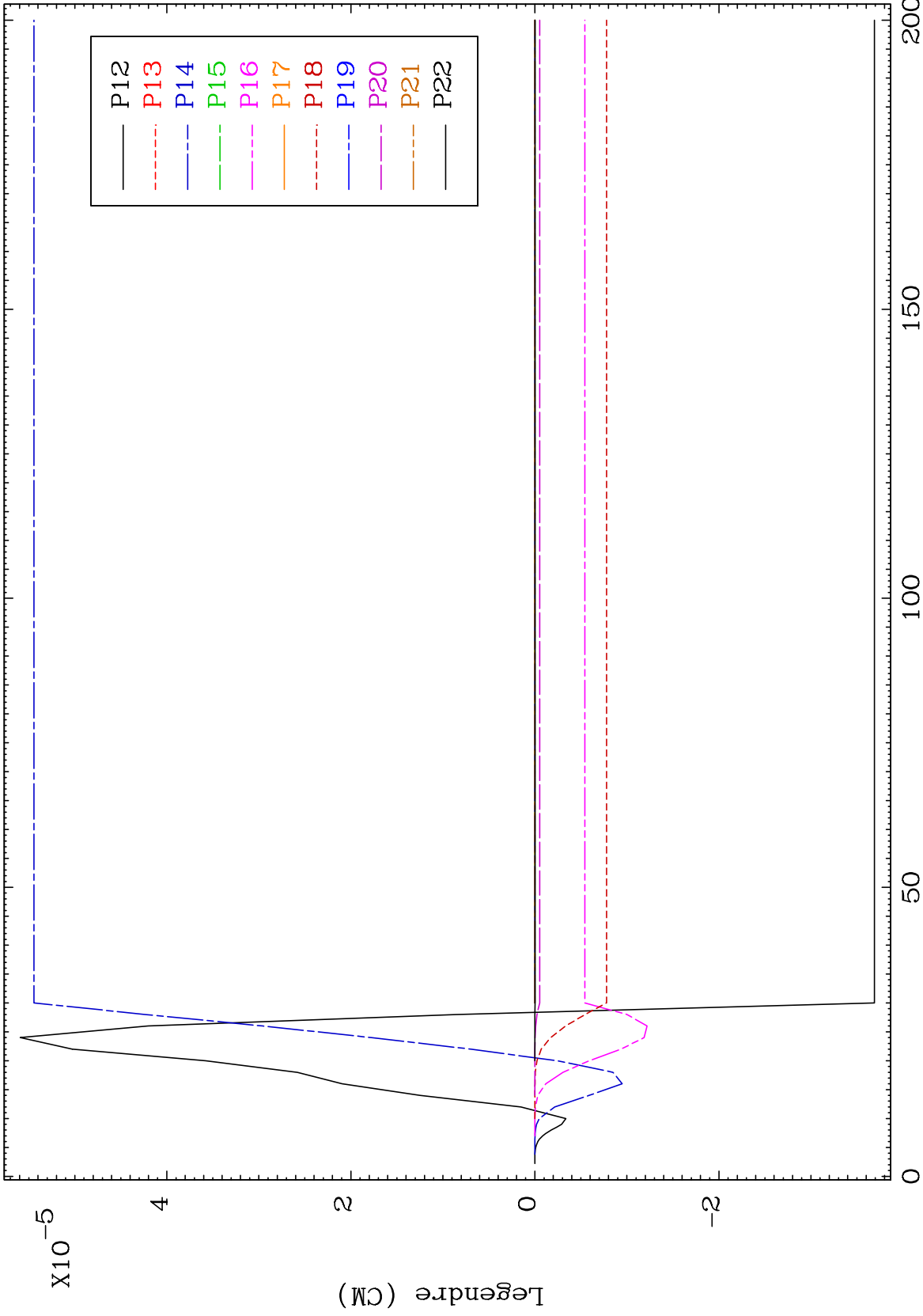




MAT 6680

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

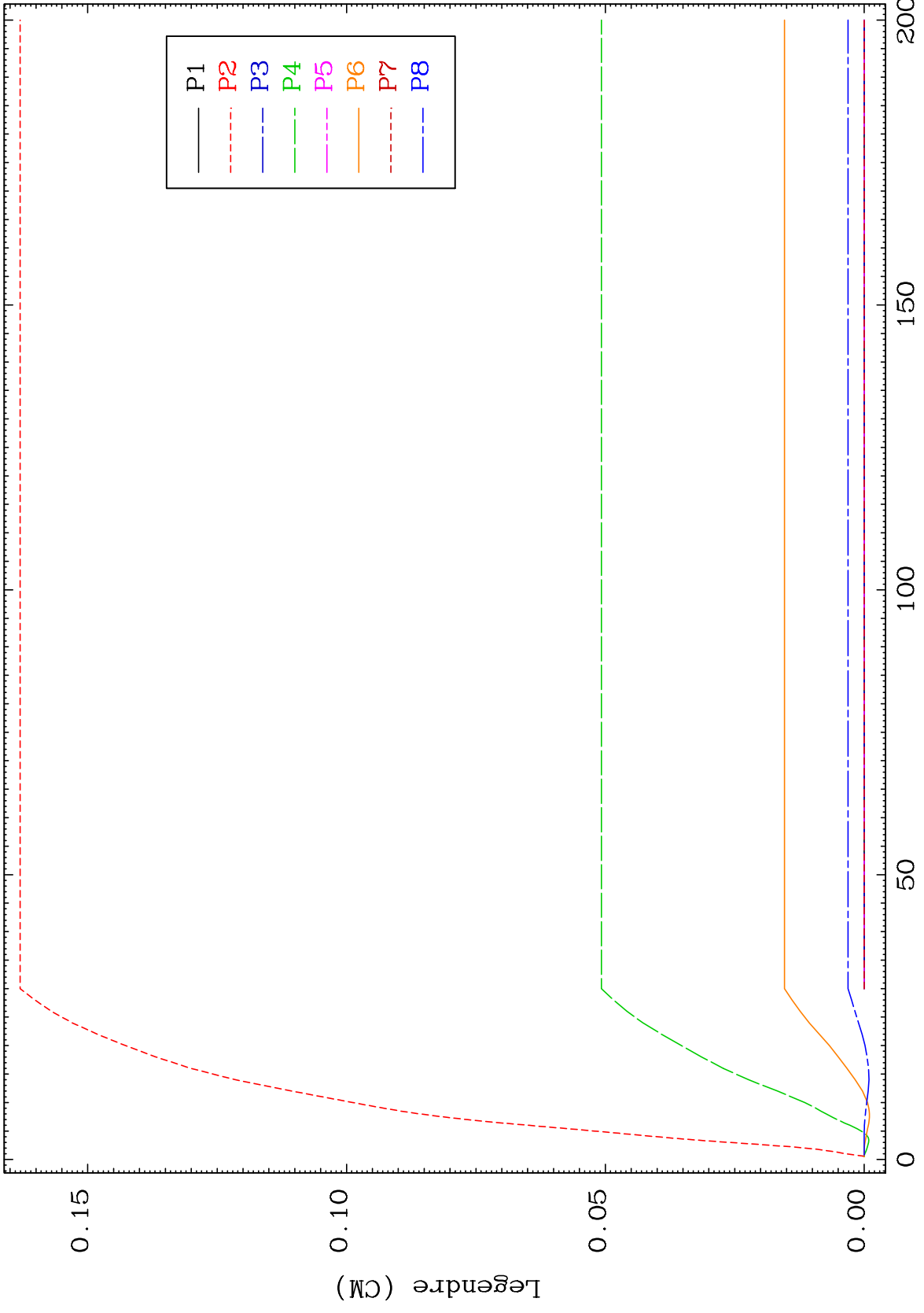
67-Ho-150



24

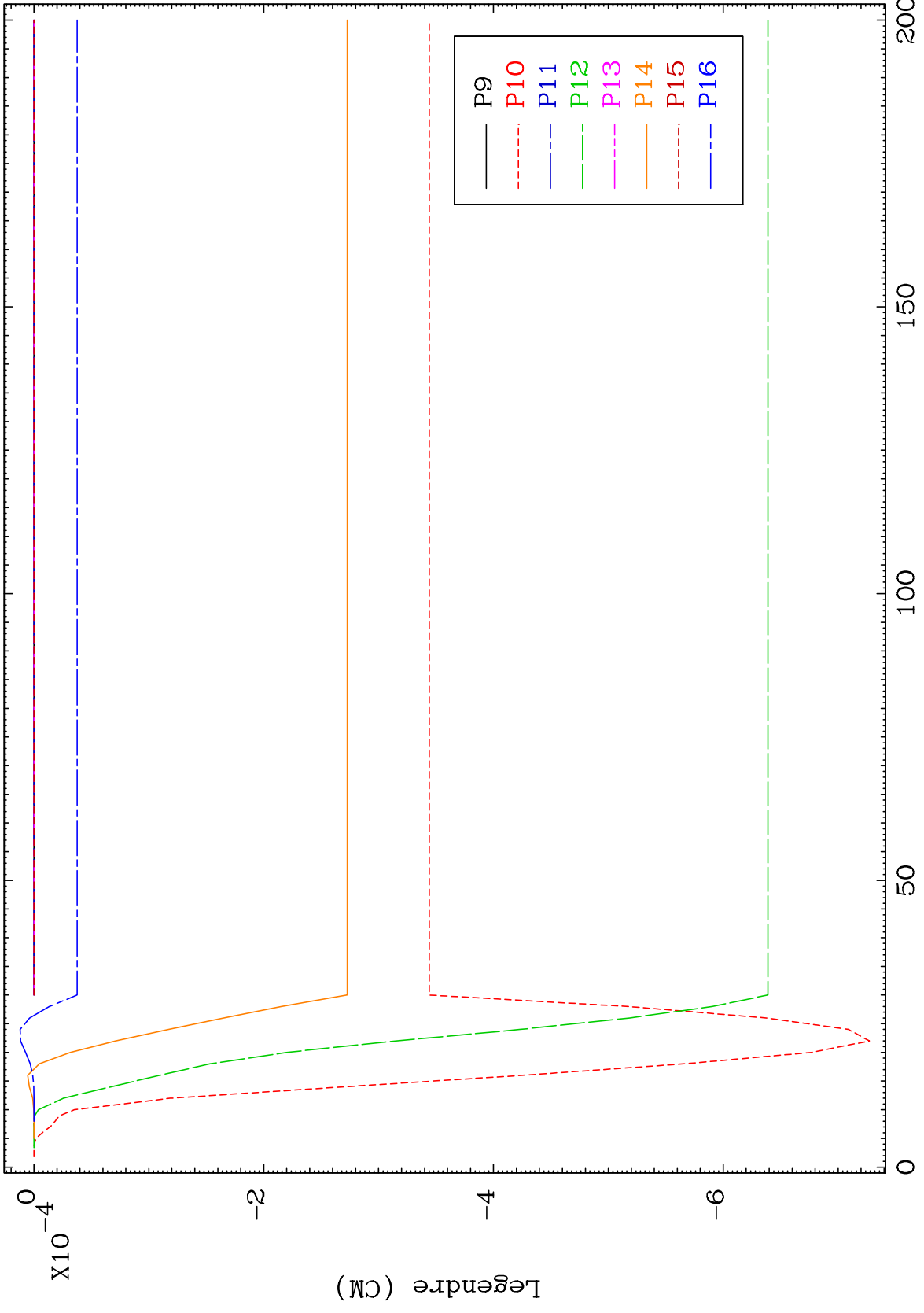
67-Ho-150

MAT 6680 MT= 53 (n,n') Level Legendre Coefficients 67-Ho-150



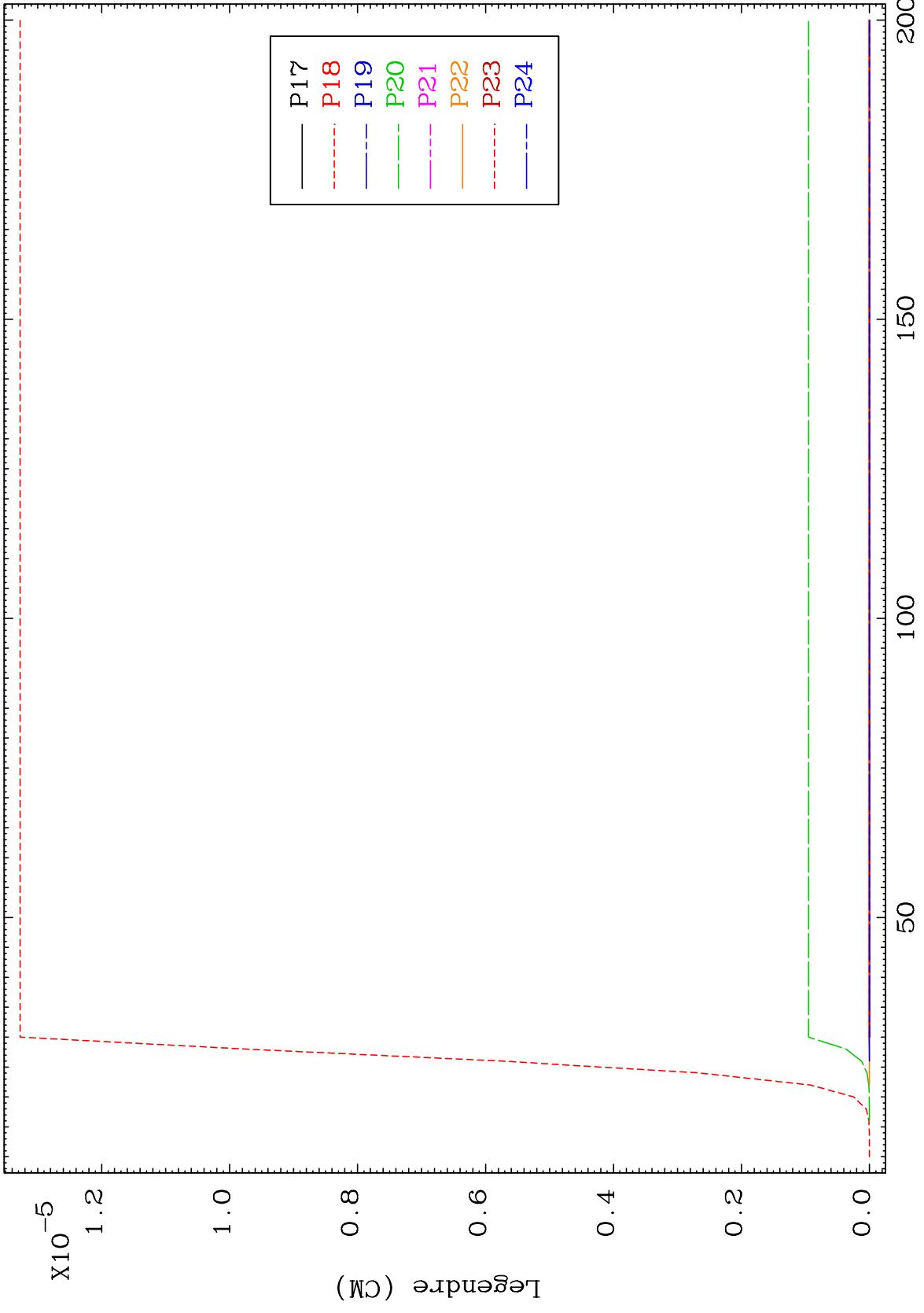
67-Ho-150

MAT 6680 MT= 53 (n,n') Level Legendre Coefficients 67-Ho-150



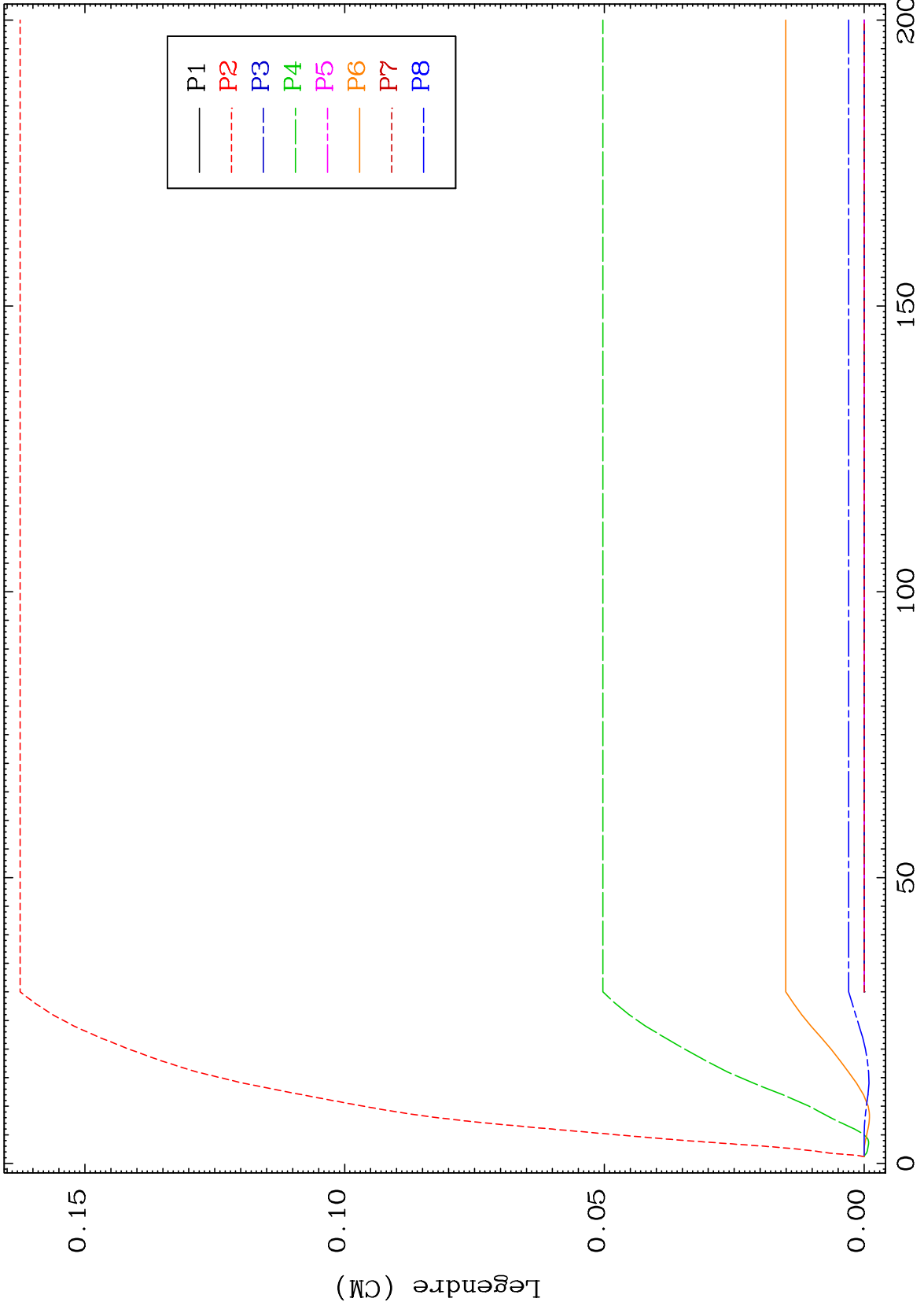
26 67-Ho-150

MAT 6680 MT= 53 (n,n') Level Legendre Coefficients 67-Ho-150



27 50 100 150 200 67-Ho-150

MAT 6680 MT= 54 (n,n') Level Legendre Coefficients 67-Ho-150

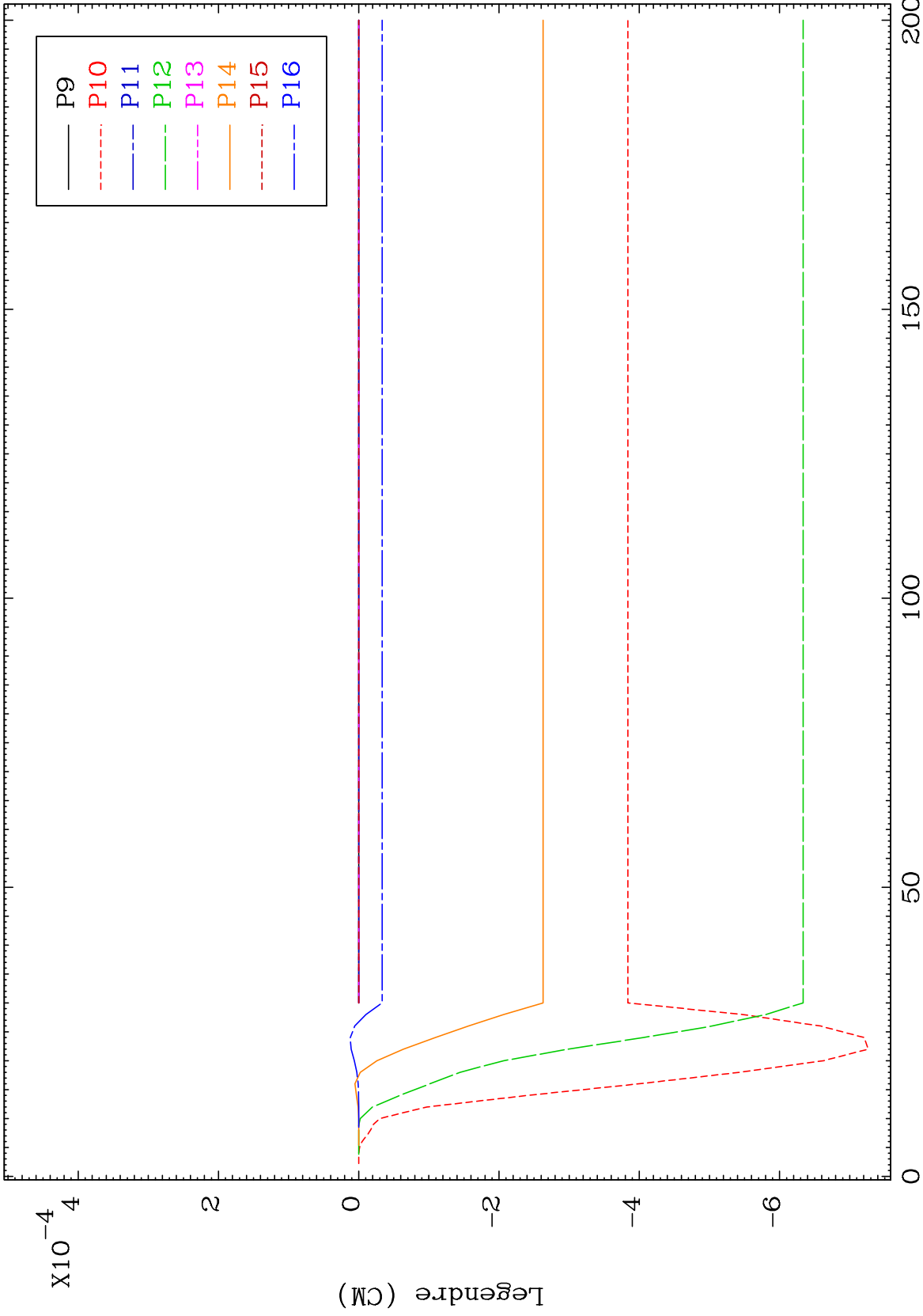


28 Incident Energy (MeV) 67-Ho-150

MAT 6680

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

67-Ho-150

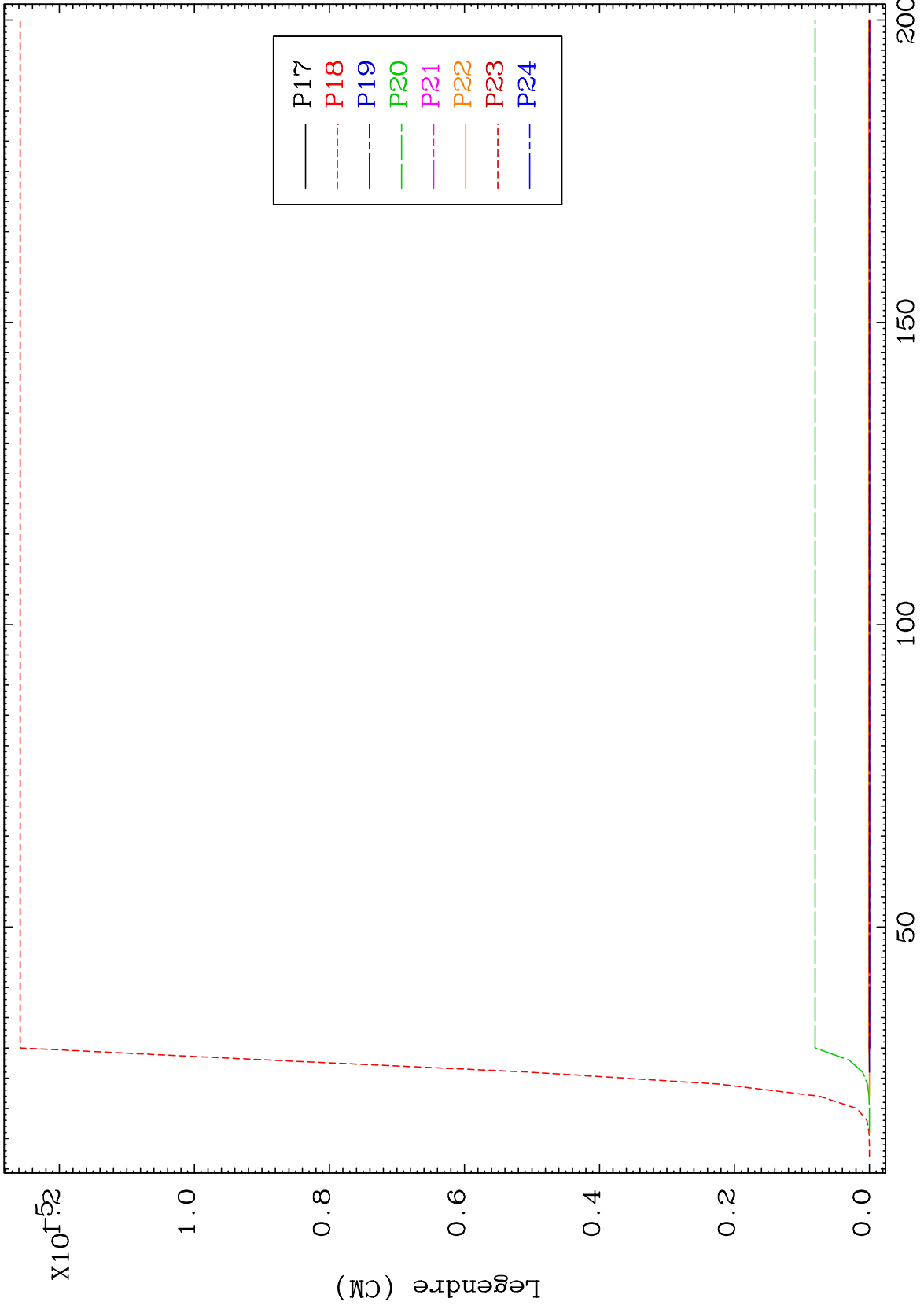


29

Incident Energy (MeV)

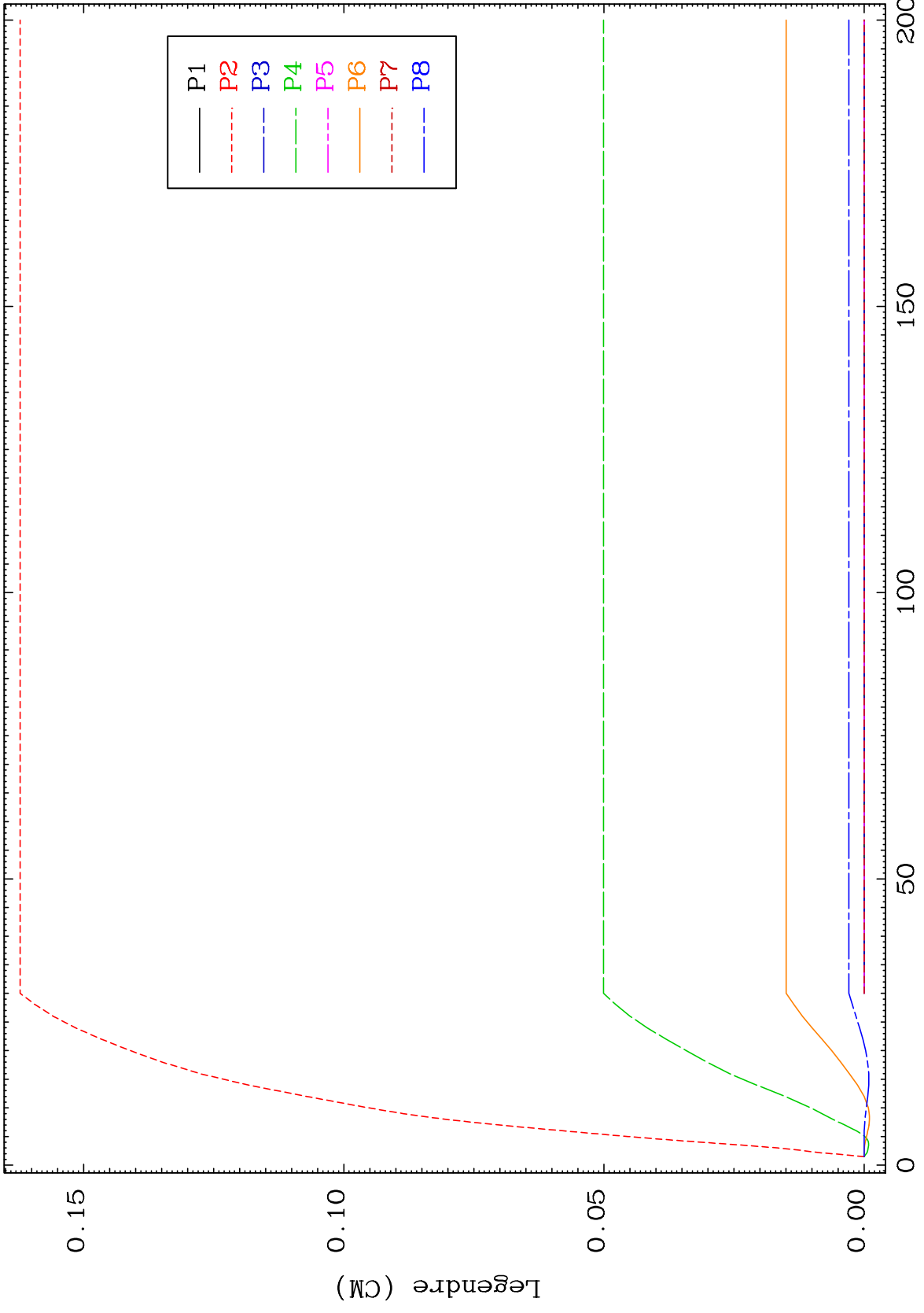
67-Ho-150

MAT 6680 MT= 54 (n,n') Level Legendre Coefficients 67-Ho-150



67-Ho-150

MAT 6680 MT= 55 (n,n') Level Legendre Coefficients 67-Ho-150



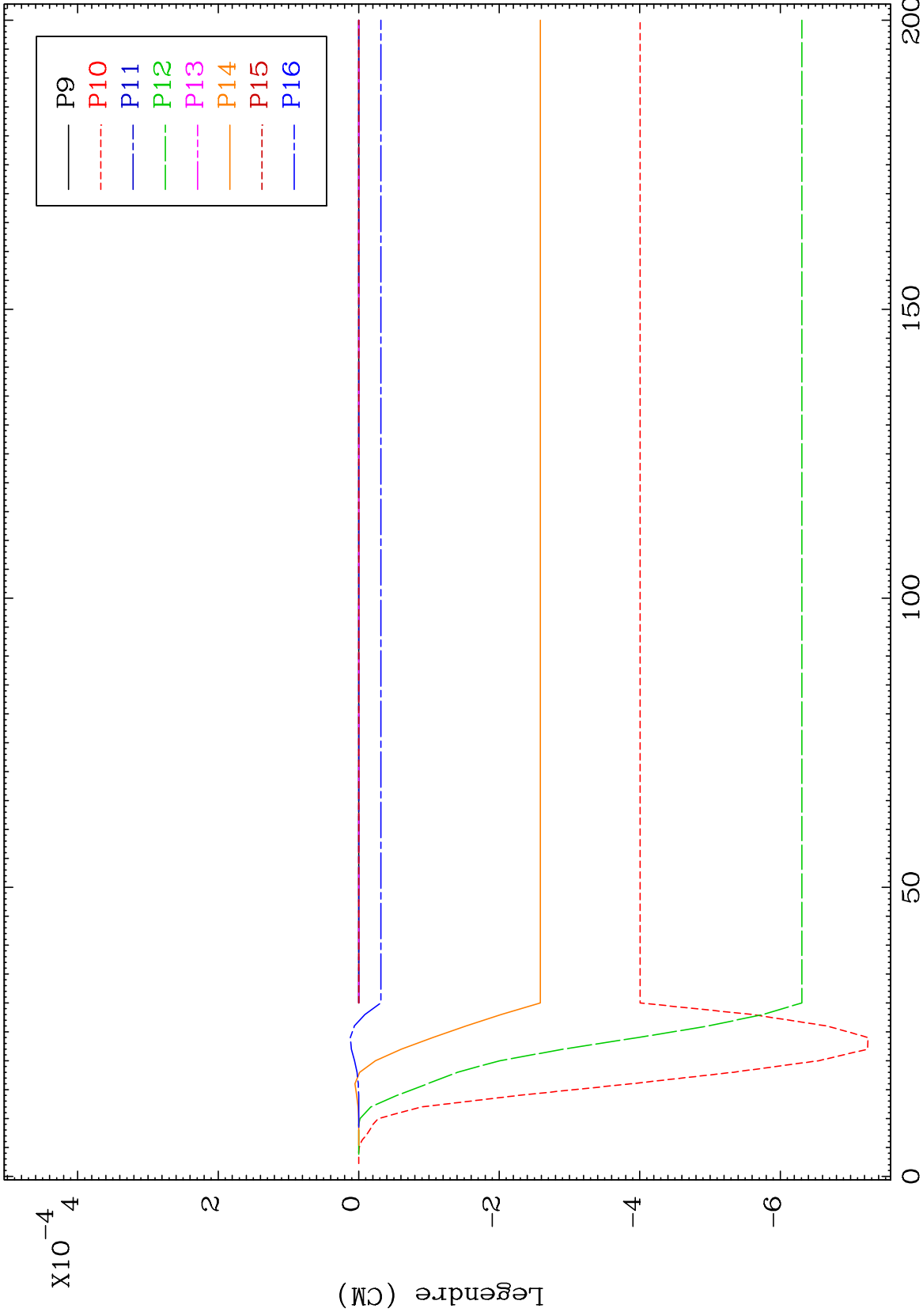
31 67-Ho-150



MAT 6680

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

67-Ho-150

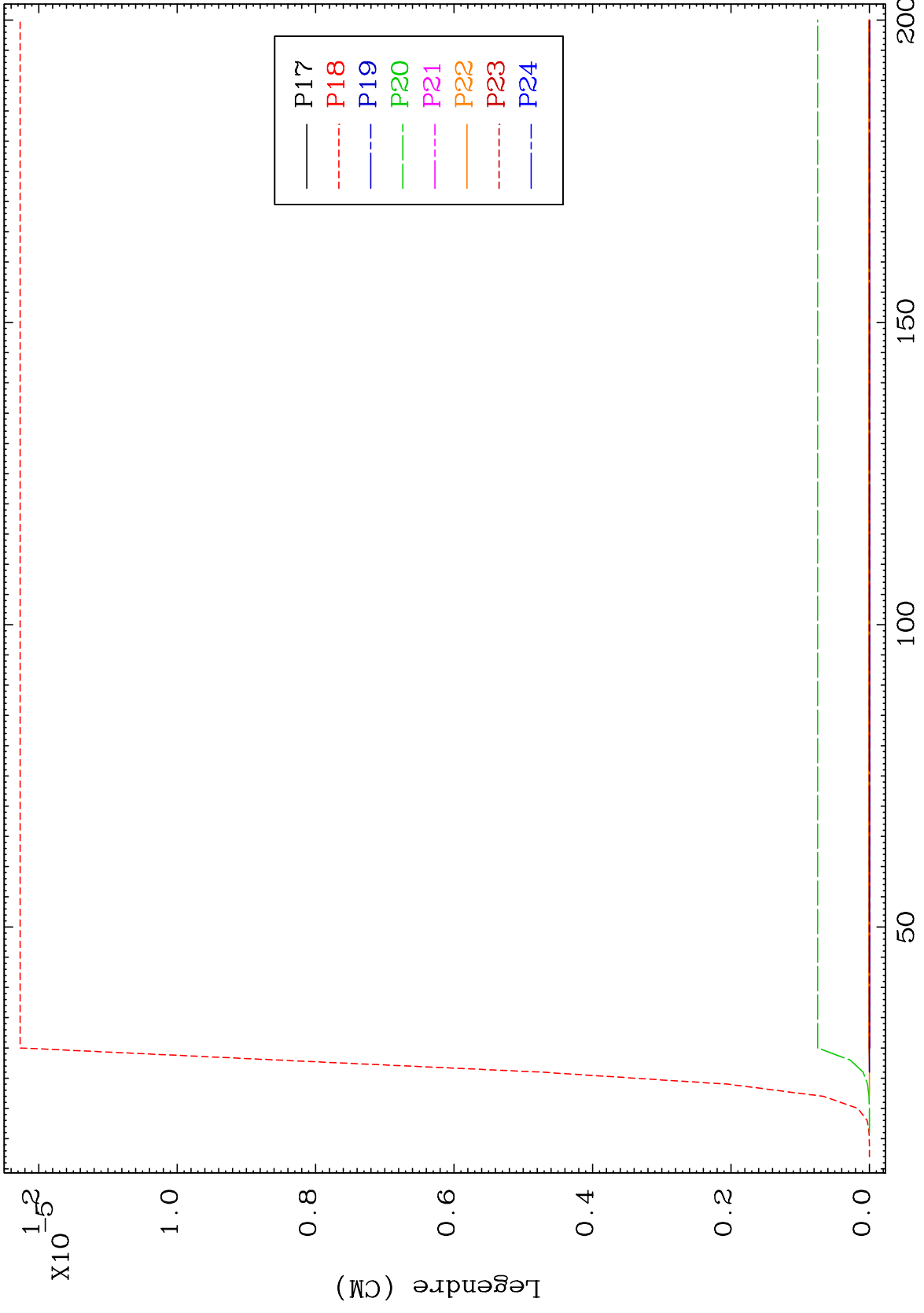


32

Incident Energy (MeV)

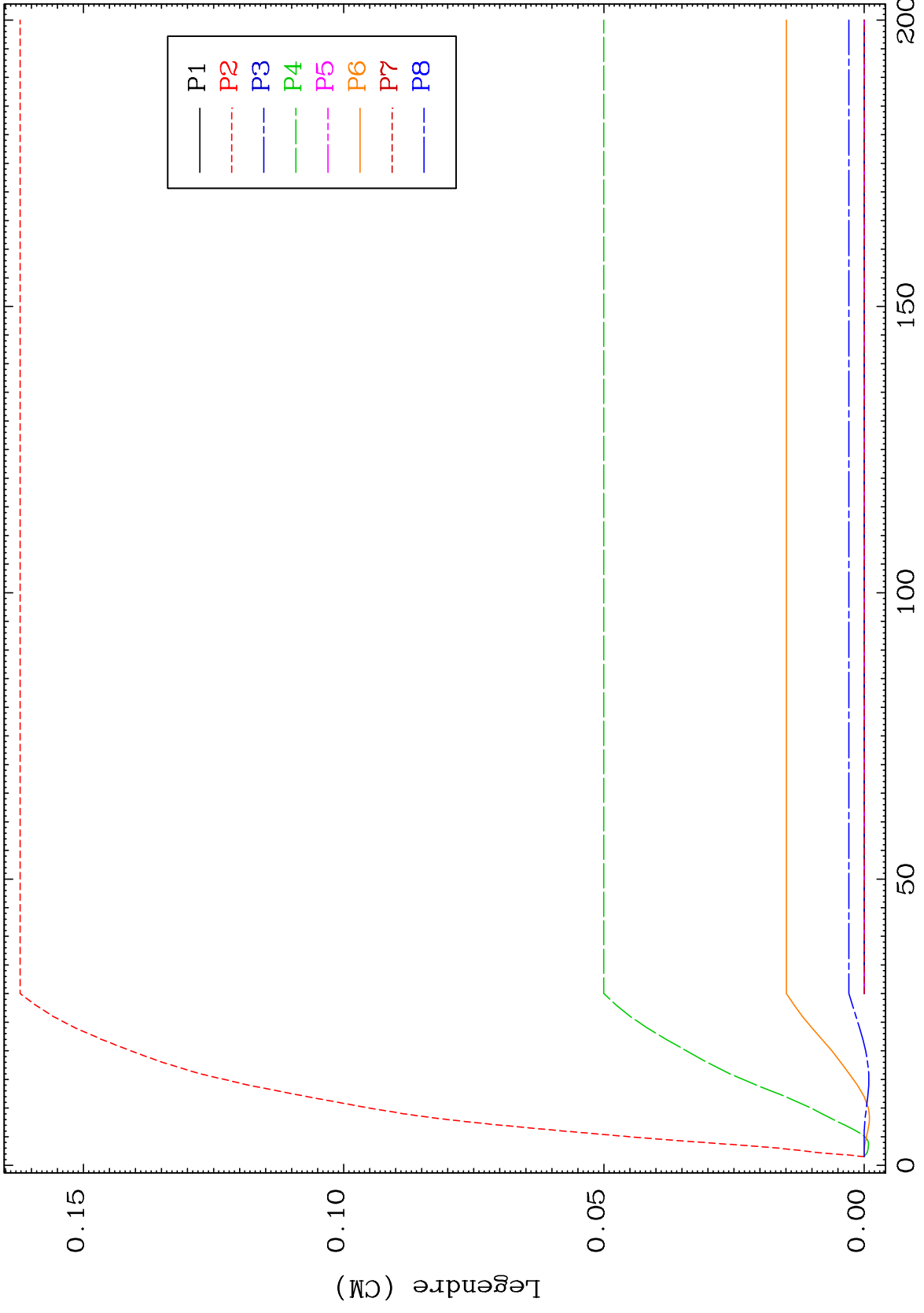
67-Ho-150

MAT 6680 MT= 55 (n,n') Level Legendre Coefficients 67-Ho-150



33 Incident Energy (MeV) 67-Ho-150

MAT 6680 MT= 56 (n,n') Level Legendre Coefficients 67-Ho-150

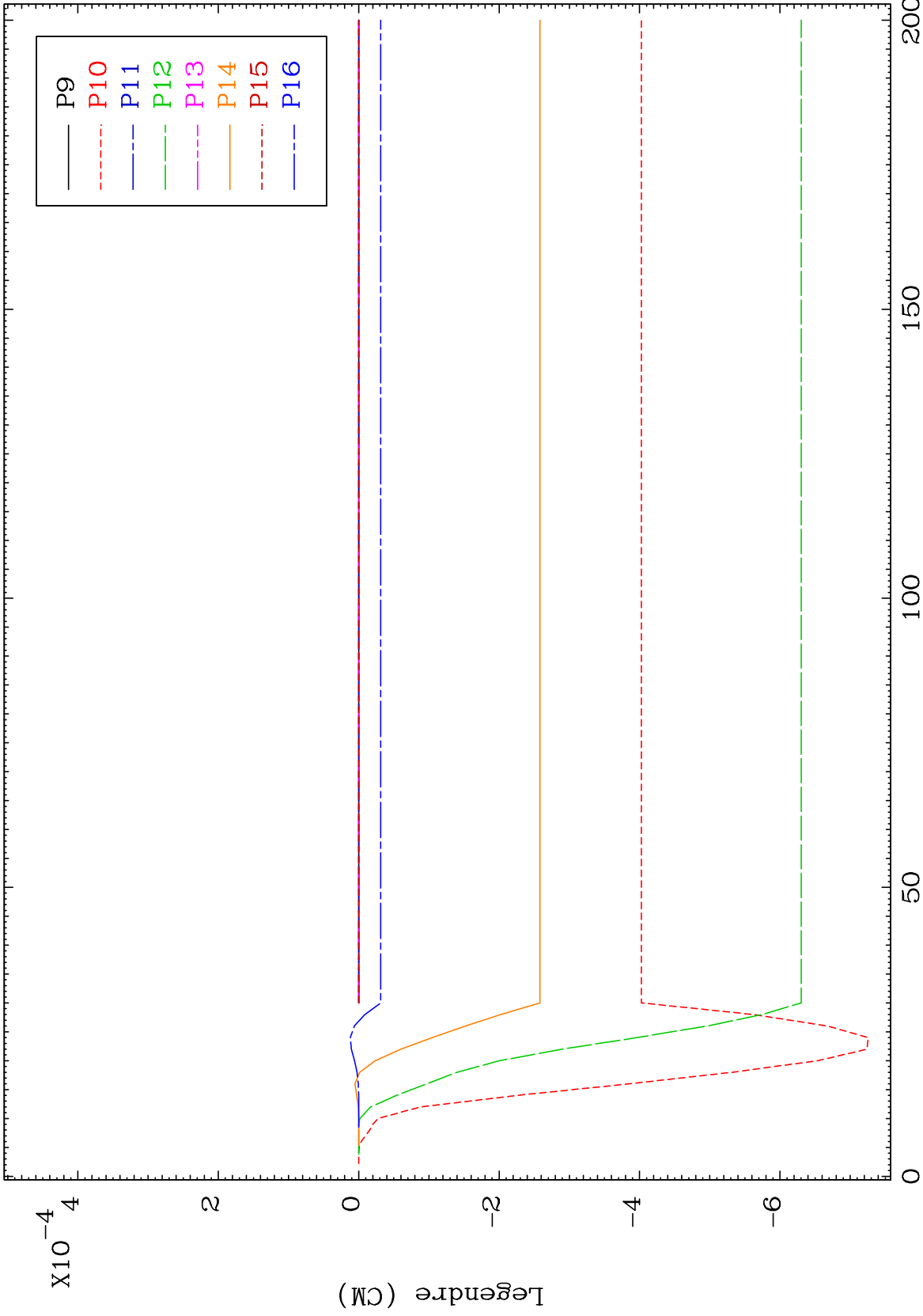


34 67-Ho-150

MAT 6680

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

67-Ho-150

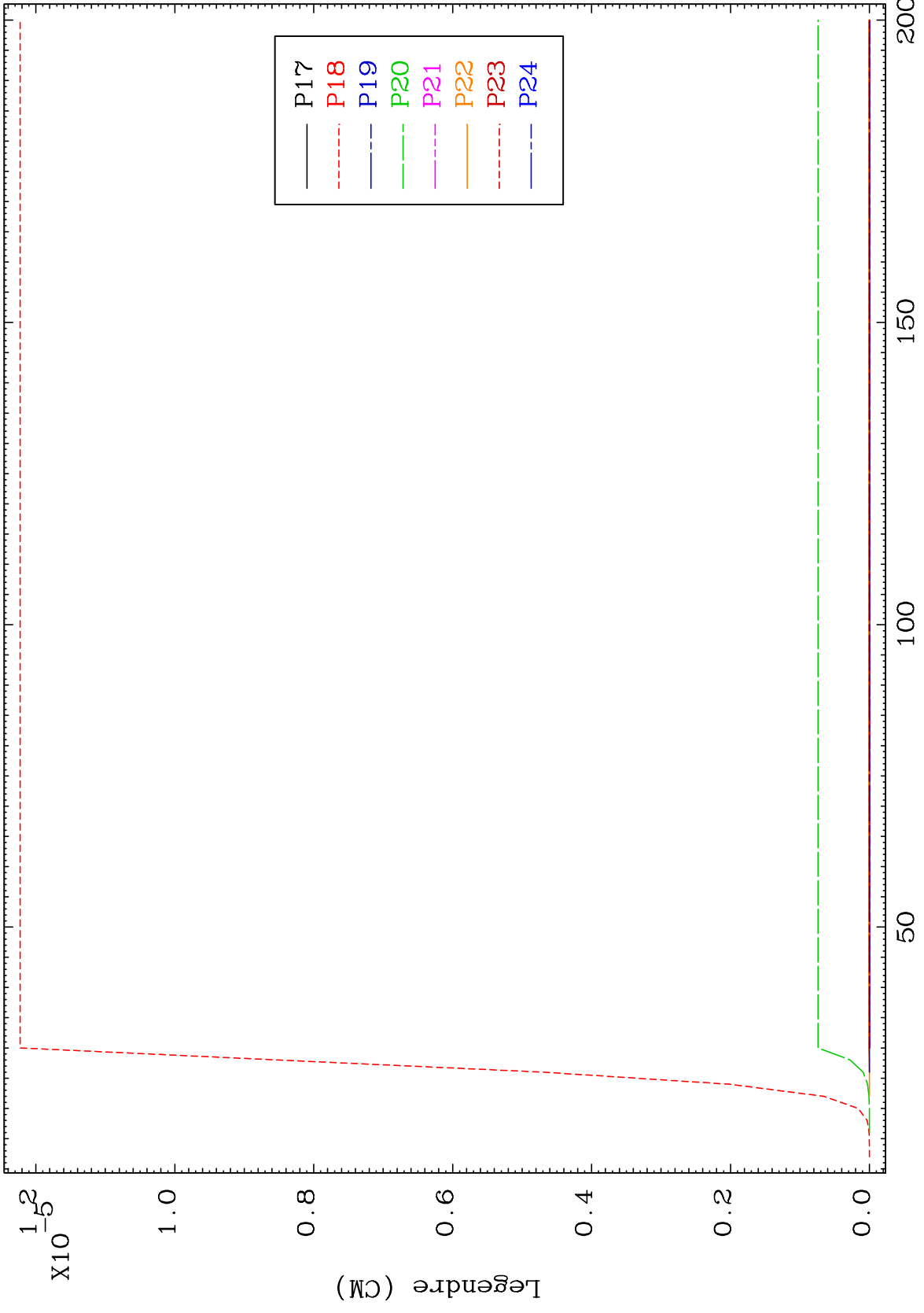


35

Incident Energy (MeV)

67-Ho-150

MAT 6680 MT= 56 (n,n') Level Legendre Coefficients 67-Ho-150

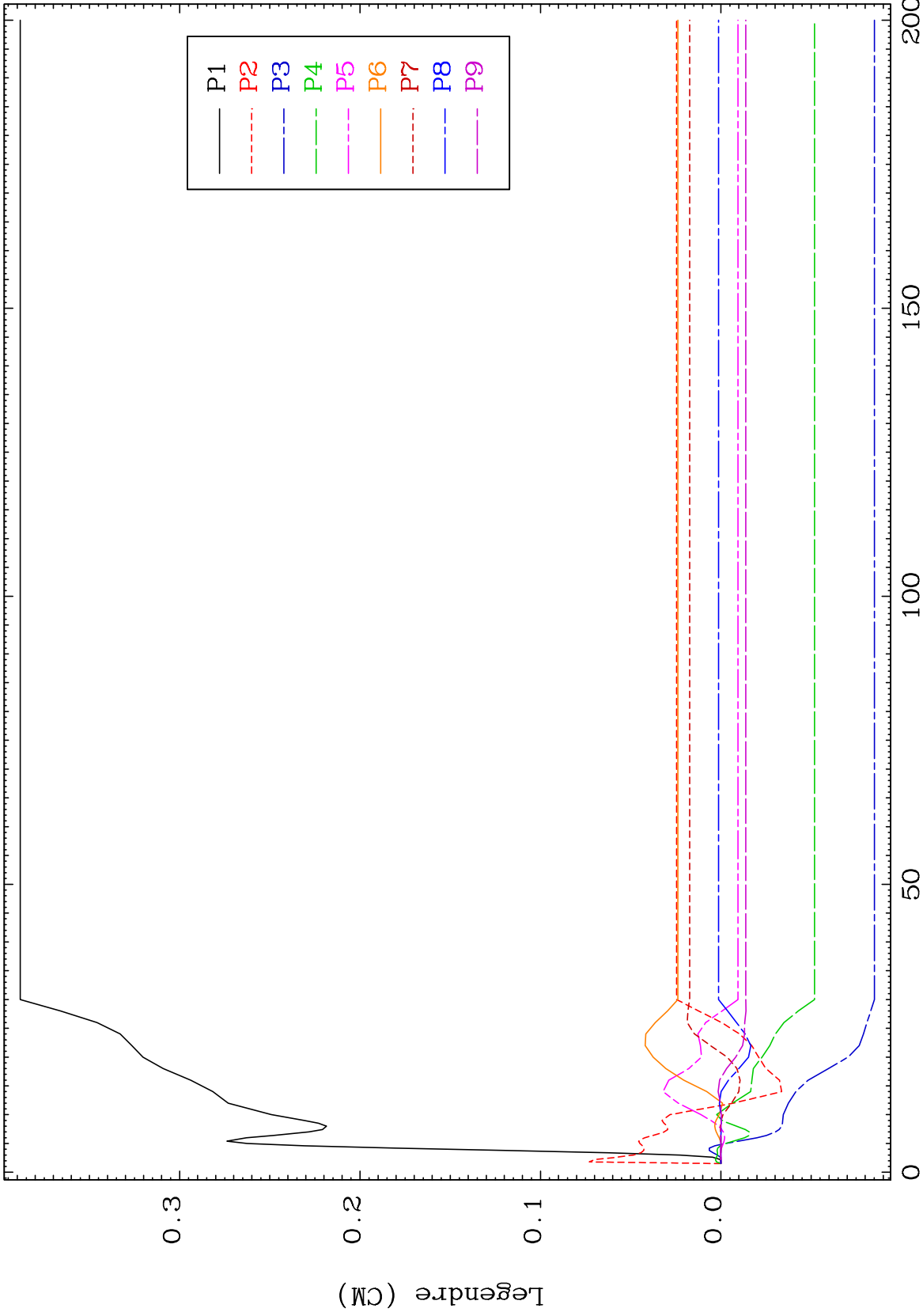


36 Incident Energy (MeV) 67-Ho-150

MAT 6680

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

67-Ho-150



37

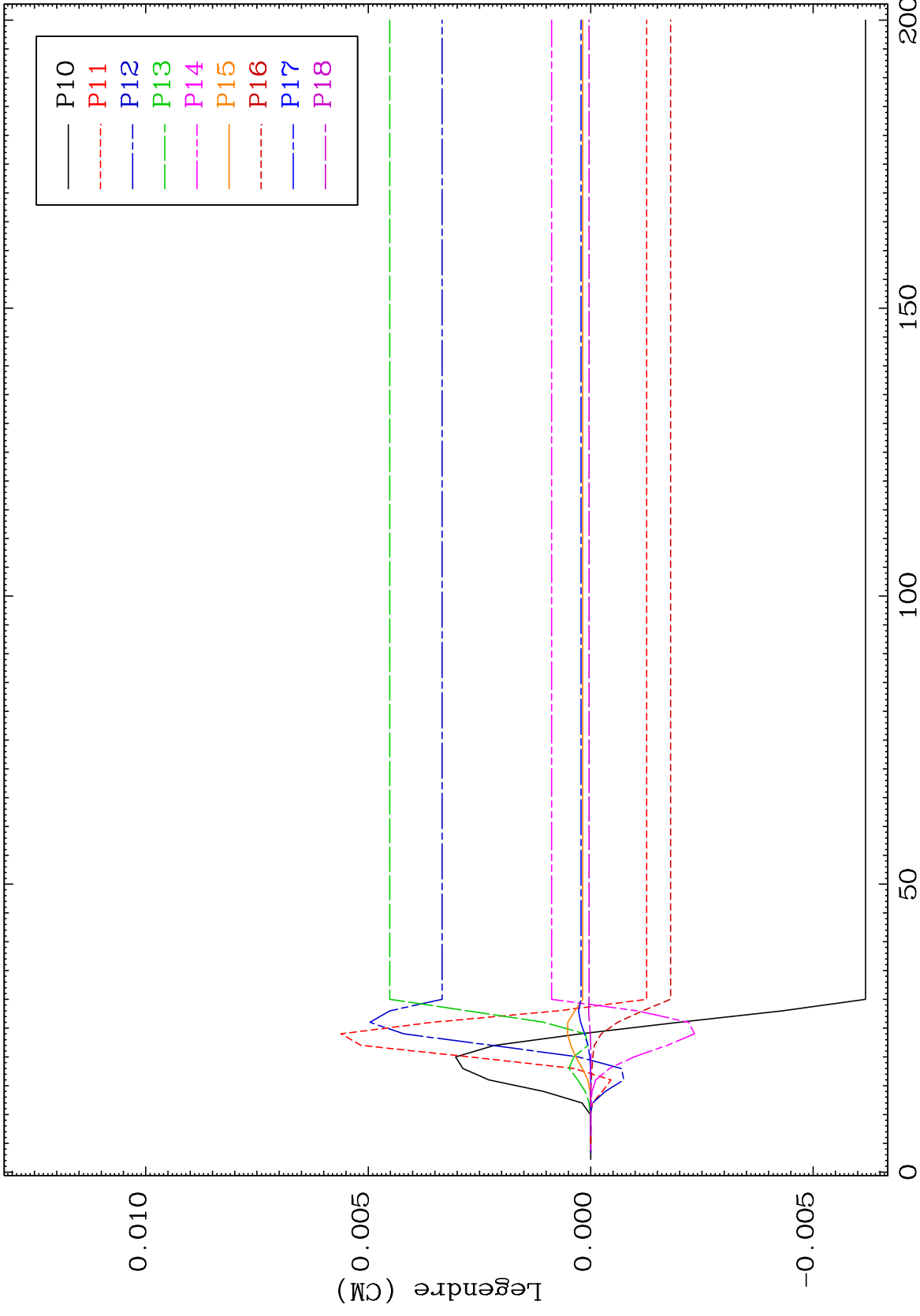
Incident Energy (MeV)

67-Ho-150

MAT 6680

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

67-Ho-150



38

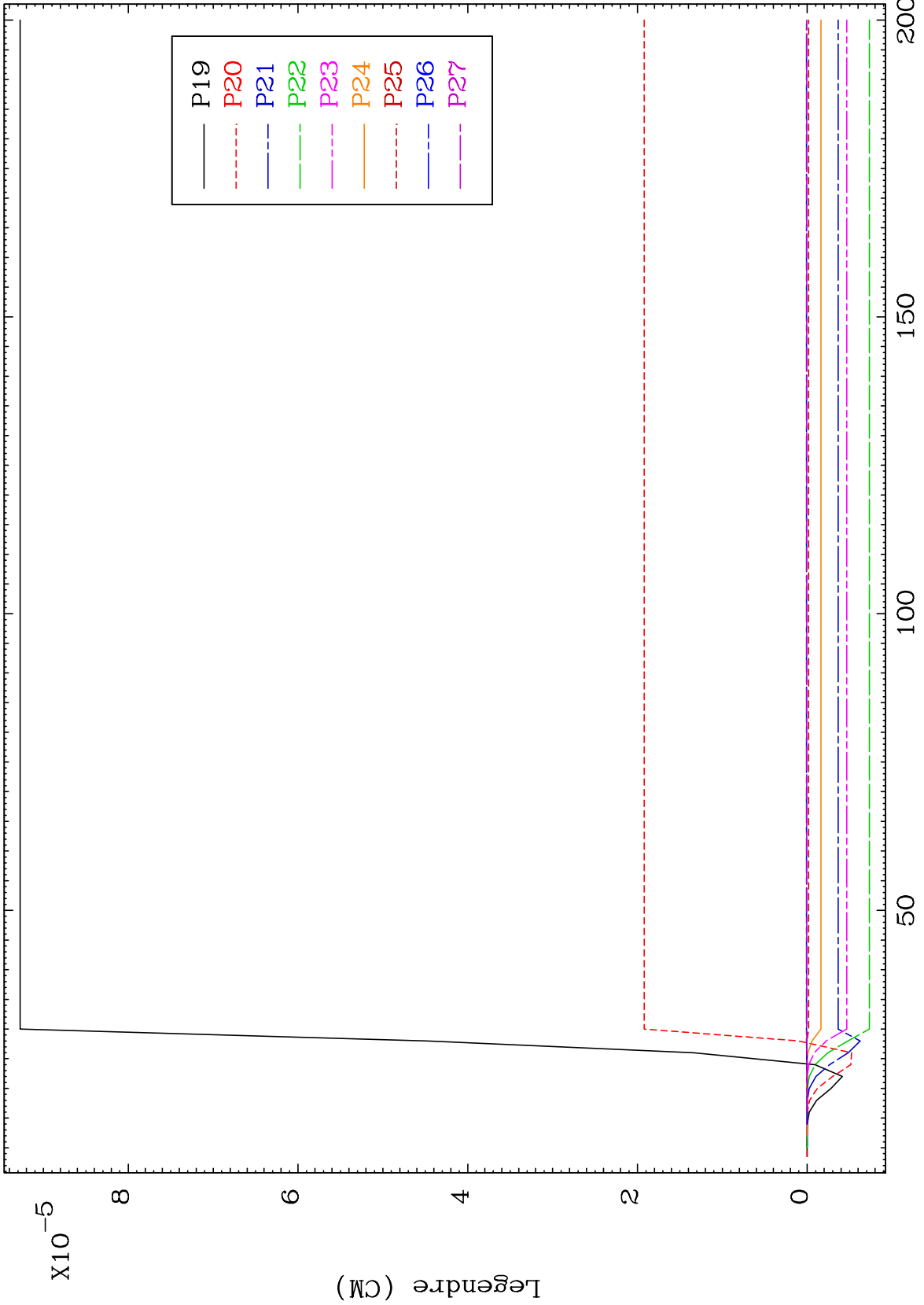
Incident Energy (MeV)

67-Ho-150

MAT 6680

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

67-Ho-150



39

Incident Energy (MeV)

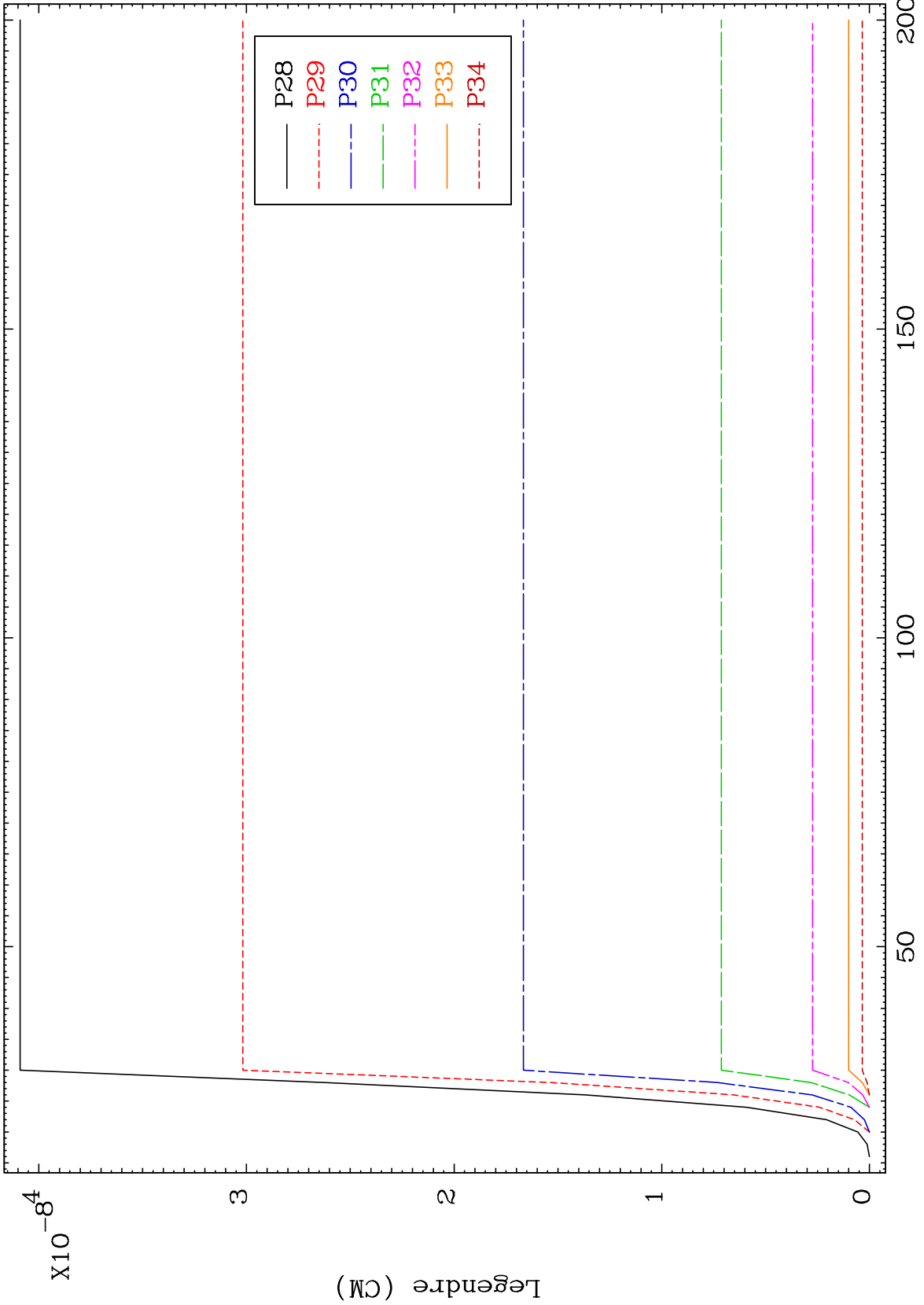
67-Ho-150



MAT 6680

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

67-Ho-150



40

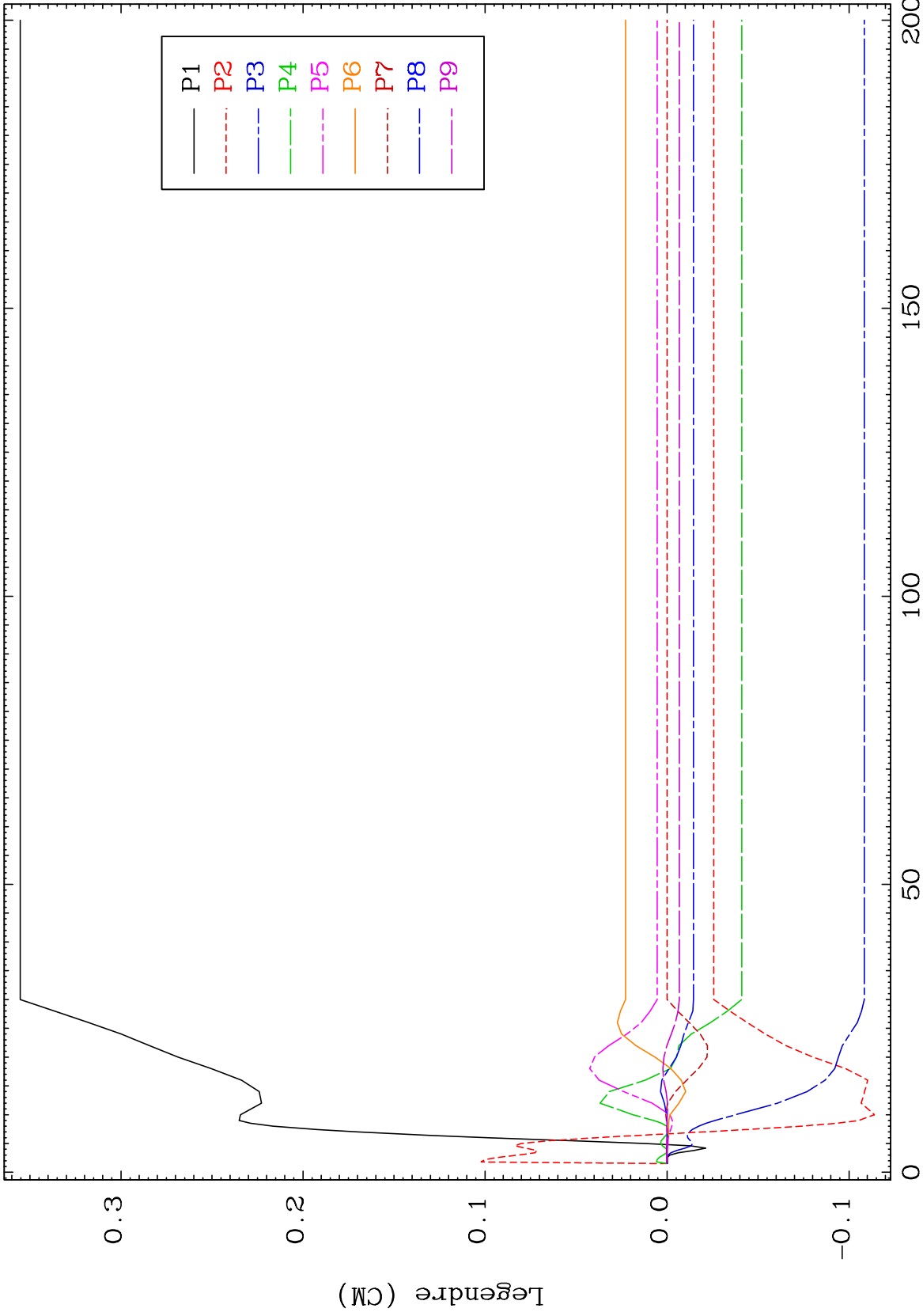
Incident Energy (MeV)

67-Ho-150

MAT 6680

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

67-Ho-150



41

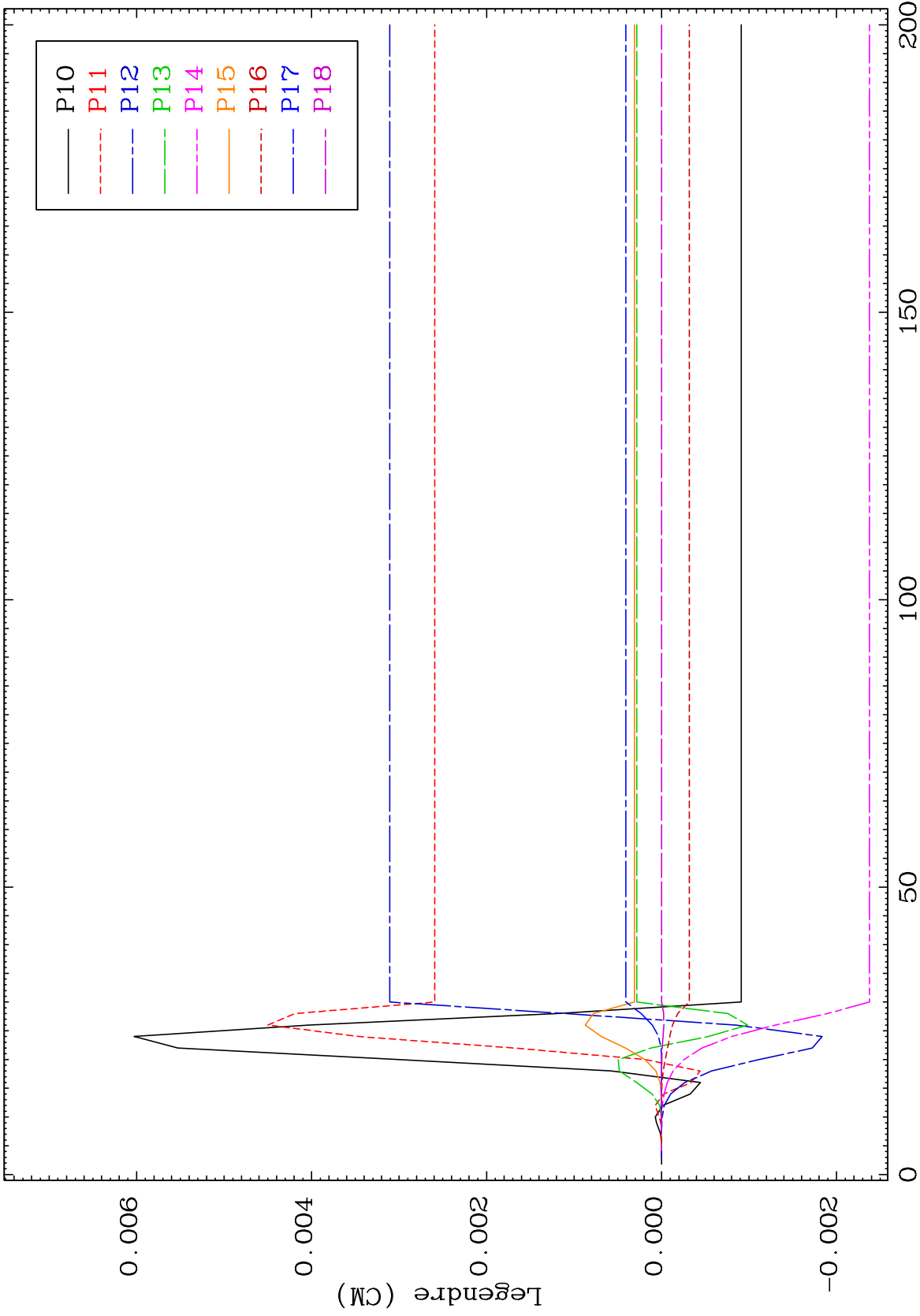
Incident Energy (MeV)

67-Ho-150

MAT 6680

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

67-Ho-150

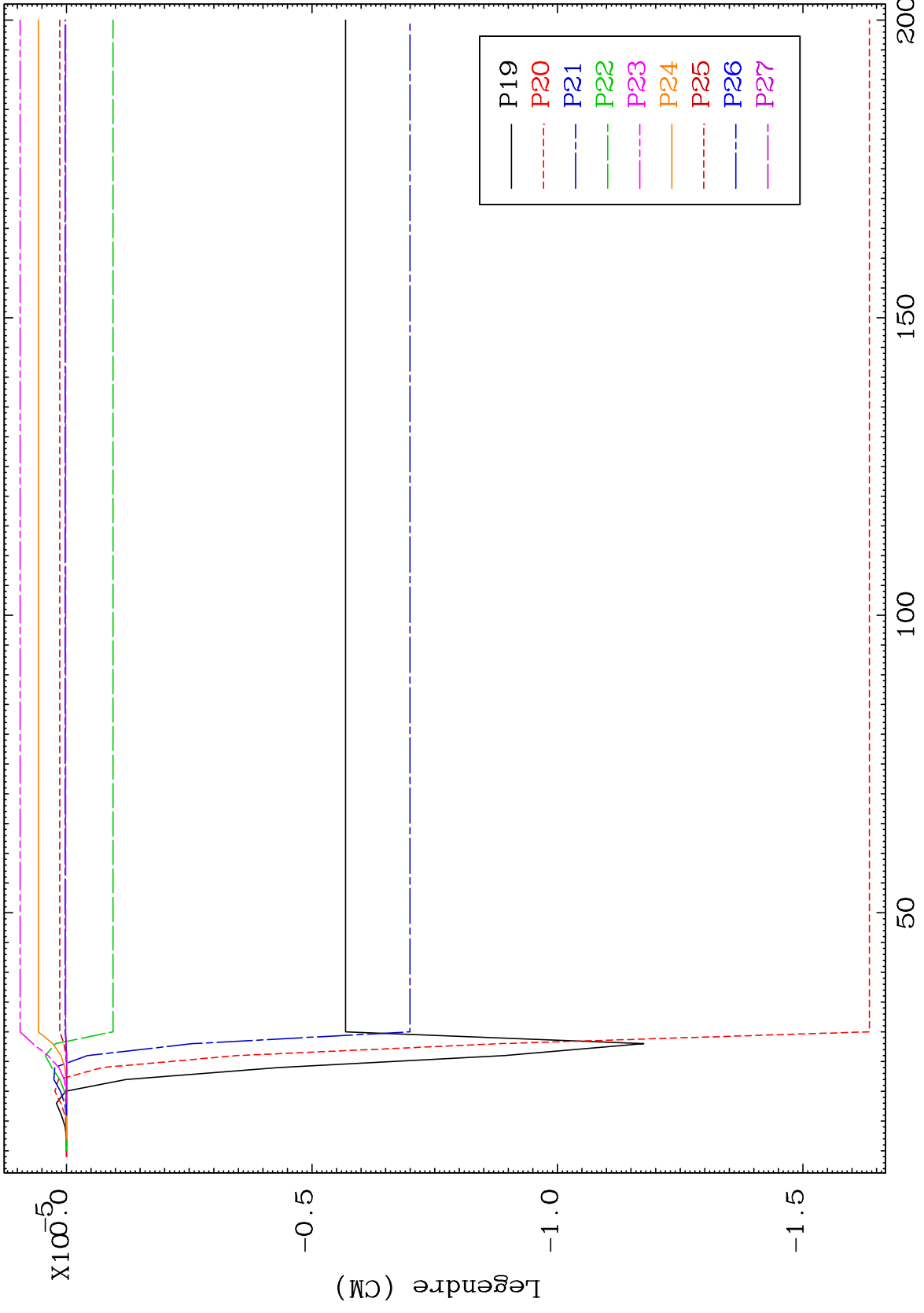


42

Incident Energy (MeV)

67-Ho-150

MAT 6680 MT= 58 (n,n') Level Legendre Coefficients 67-Ho-150

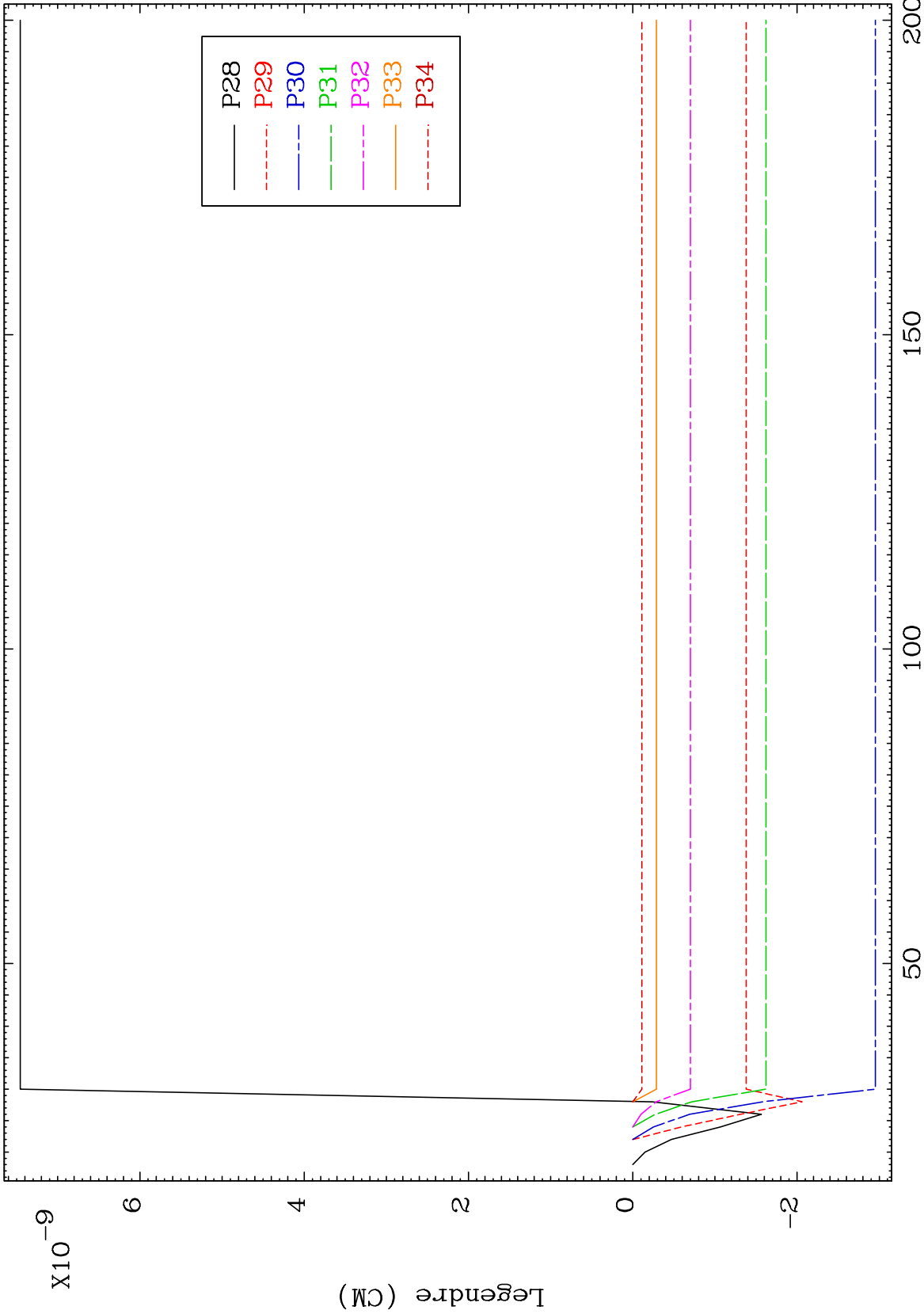


43 Incident Energy (MeV) 67-Ho-150

MAT 6680

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

67-Ho-150

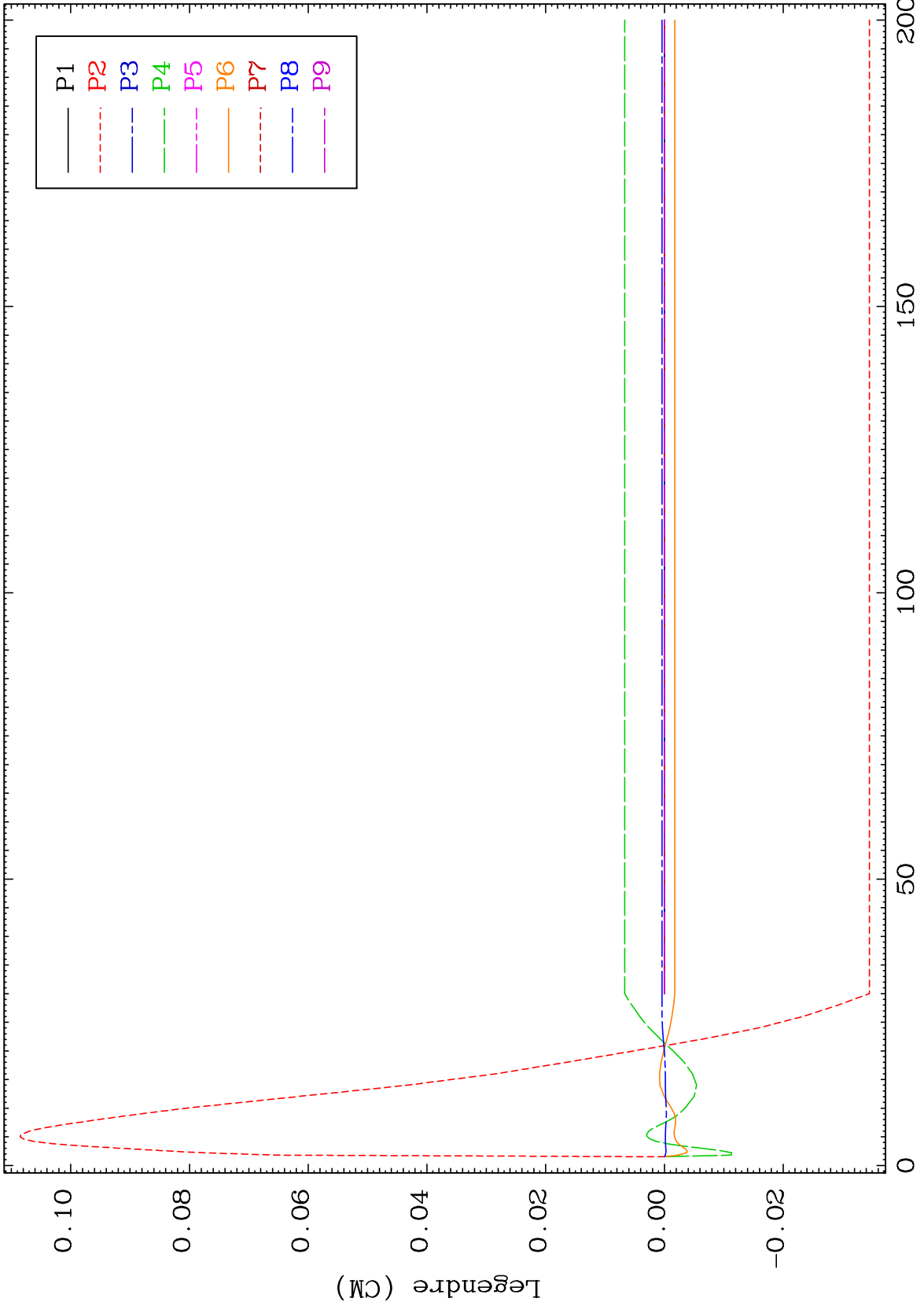


44

Incident Energy (MeV)

67-Ho-150

MAT 6680 MT= 59 (n,n') Level Legendre Coefficients 67-Ho-150

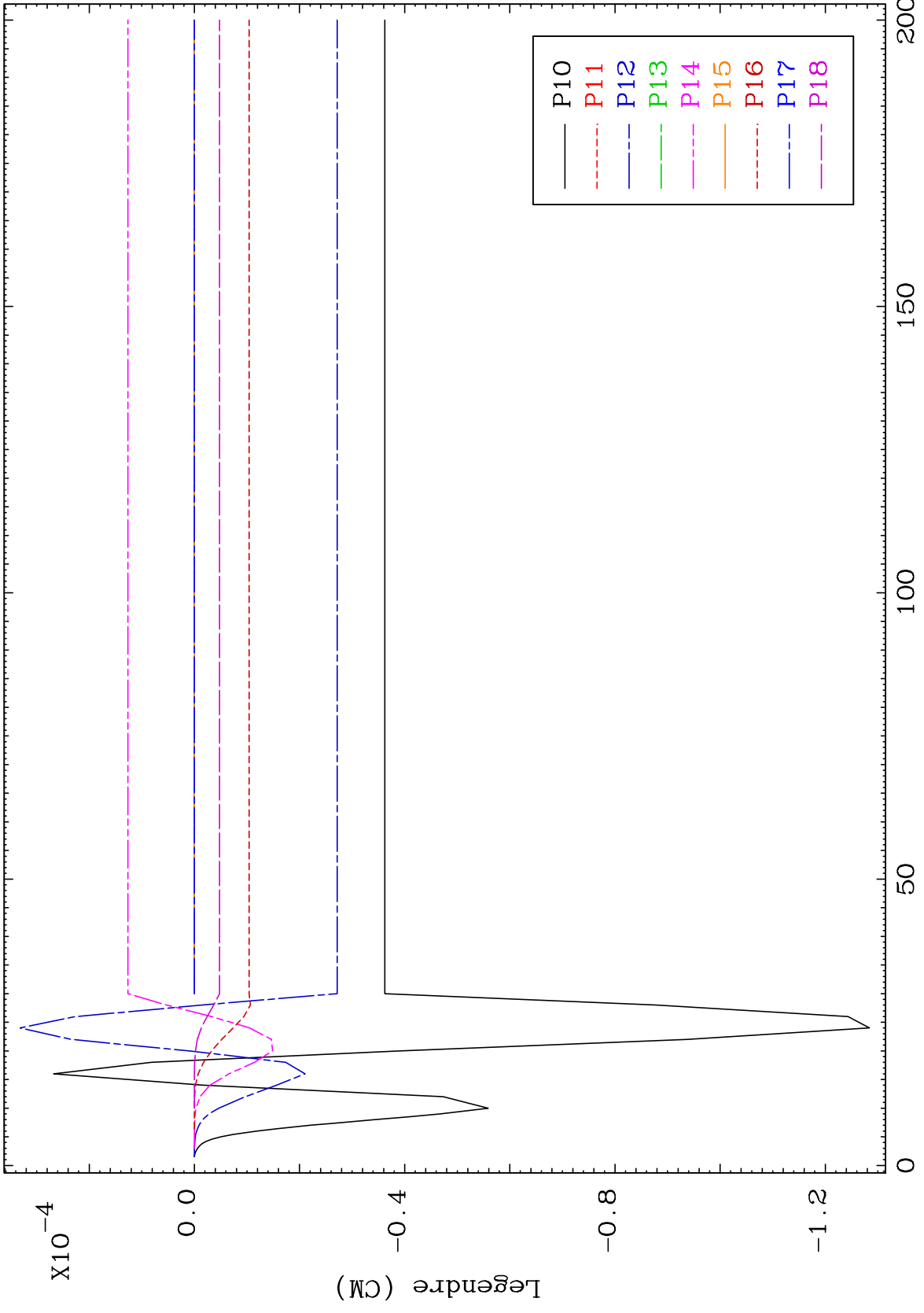


45 Incident Energy (MeV) 67-Ho-150

MAT 6680

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

67-Ho-150

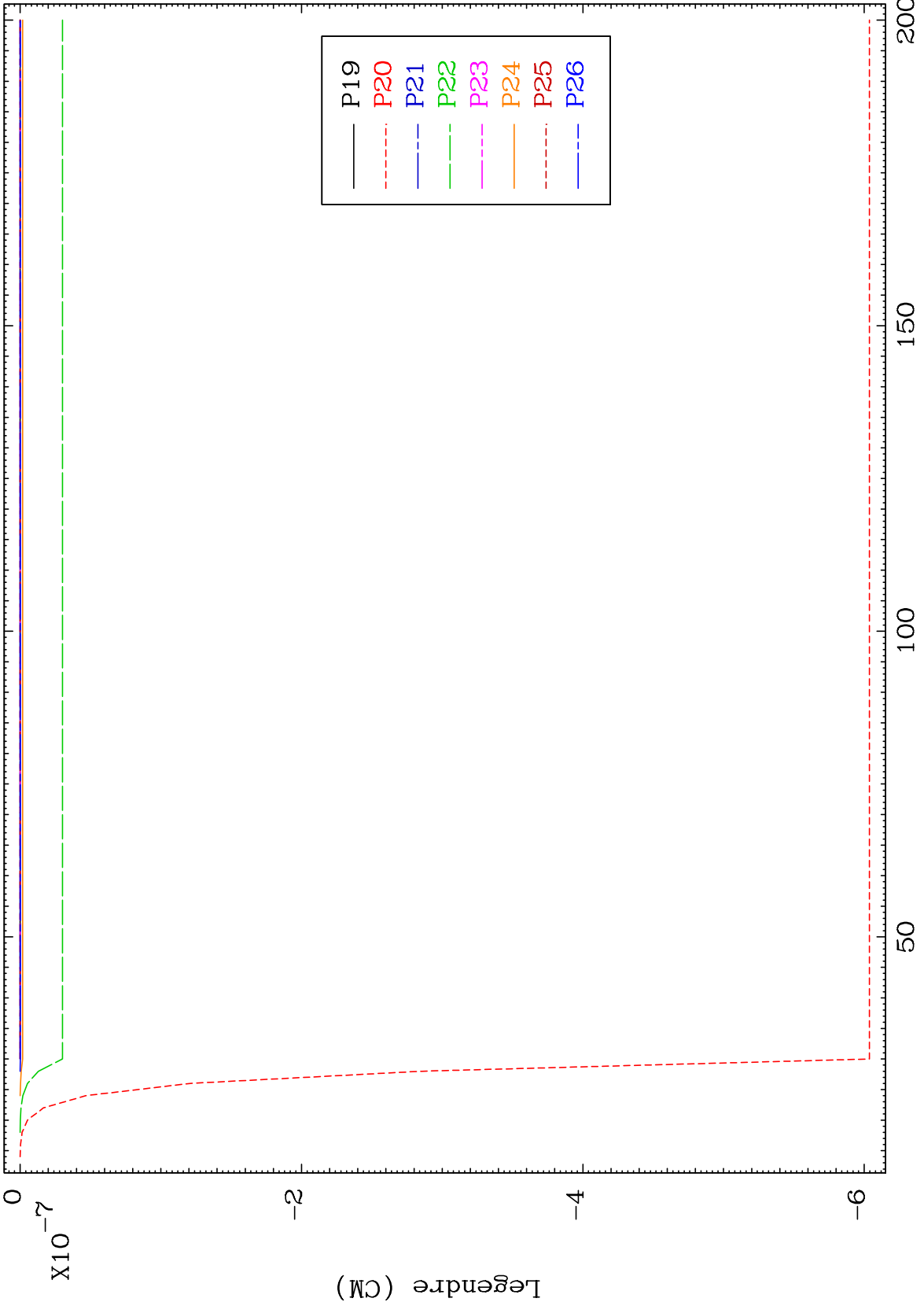


46

Incident Energy (MeV)

67-Ho-150

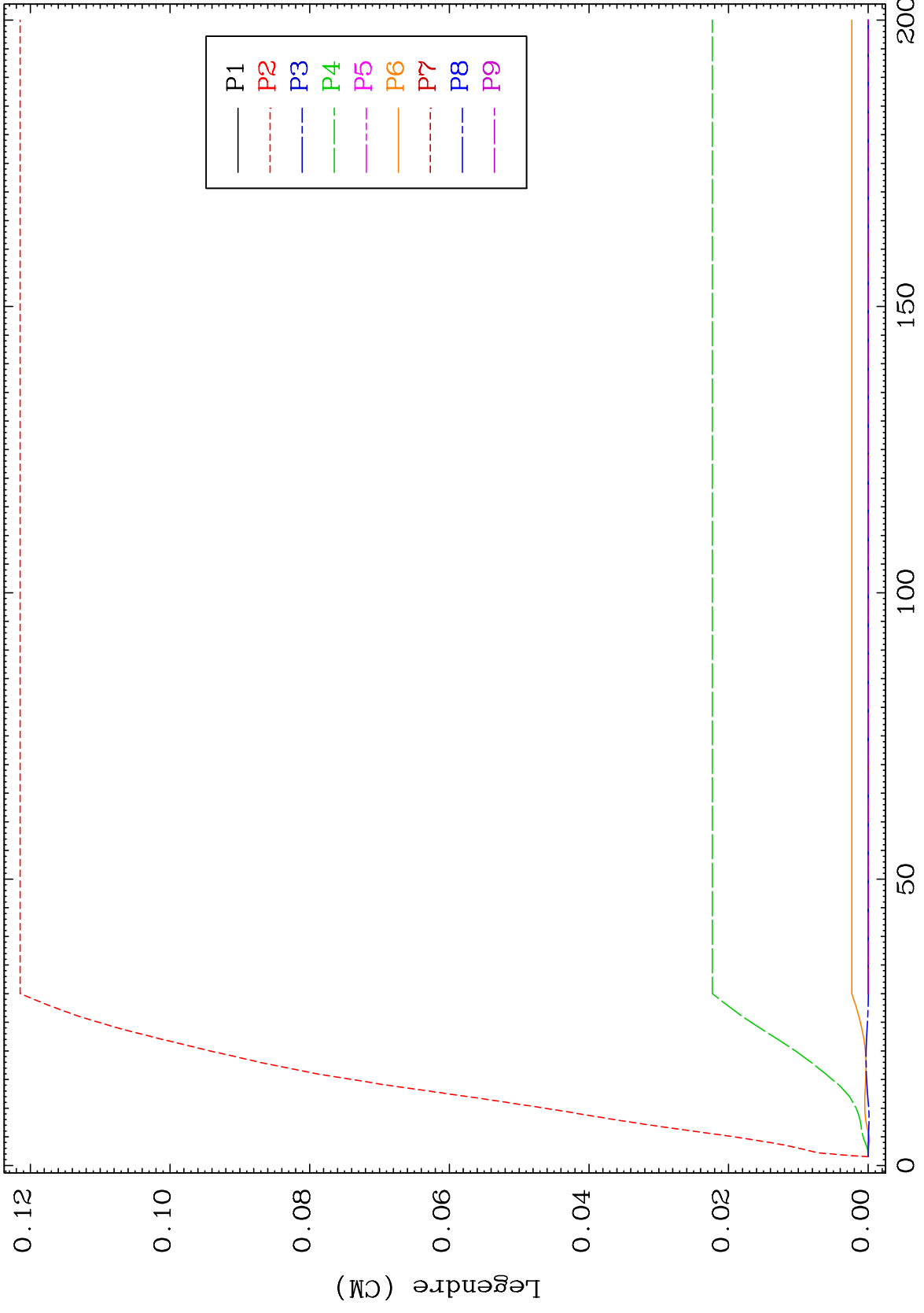
MAT 6680 MT= 59 (n,n') Level Legendre Coefficients 67-Ho-150



47 67-Ho-150



MAT 6680 MT= 60 (n,n') Level Legendre Coefficients 67-Ho-150

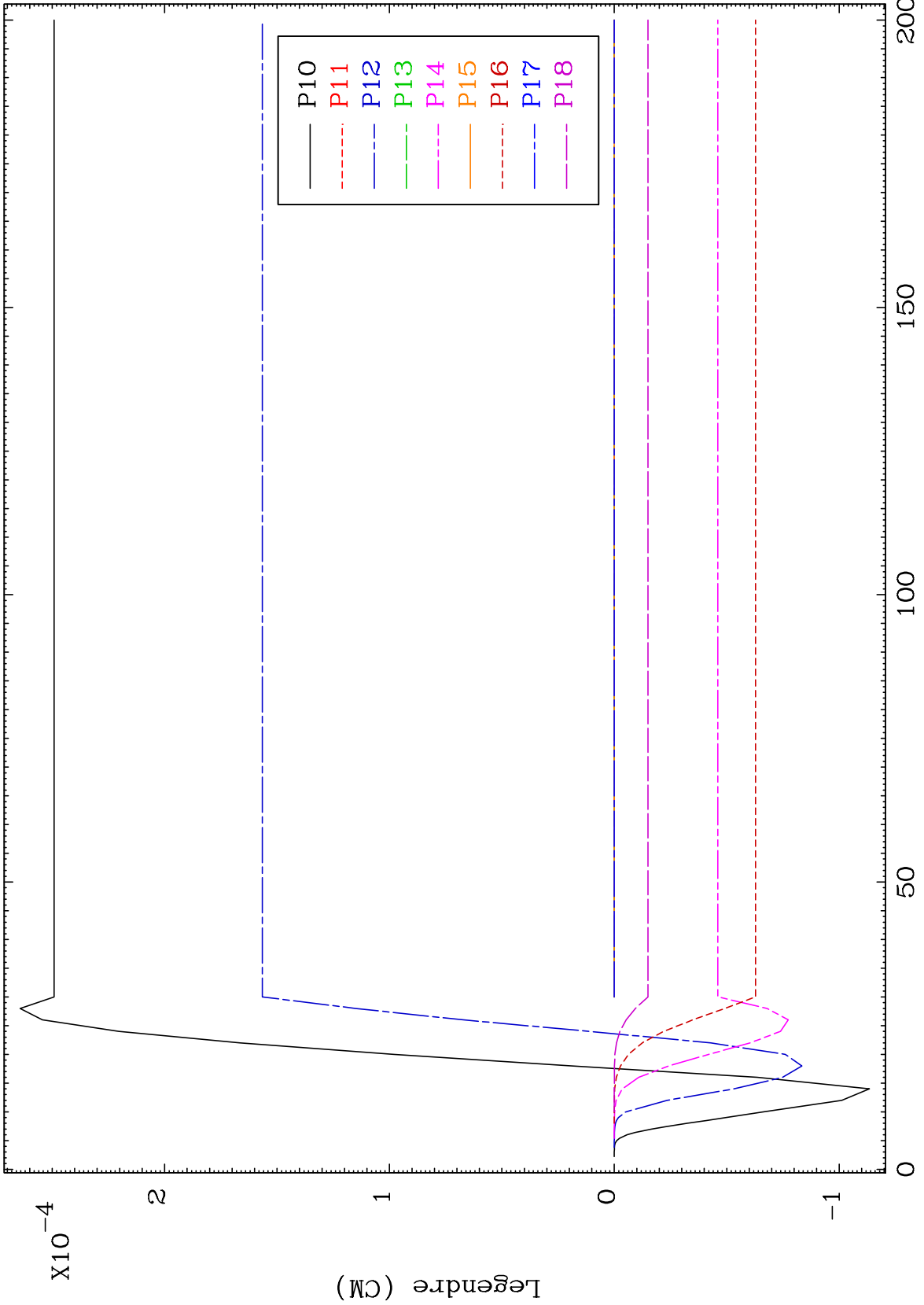


48 Incident Energy (MeV) 67-Ho-150

MAT 6680

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

67-Ho-150

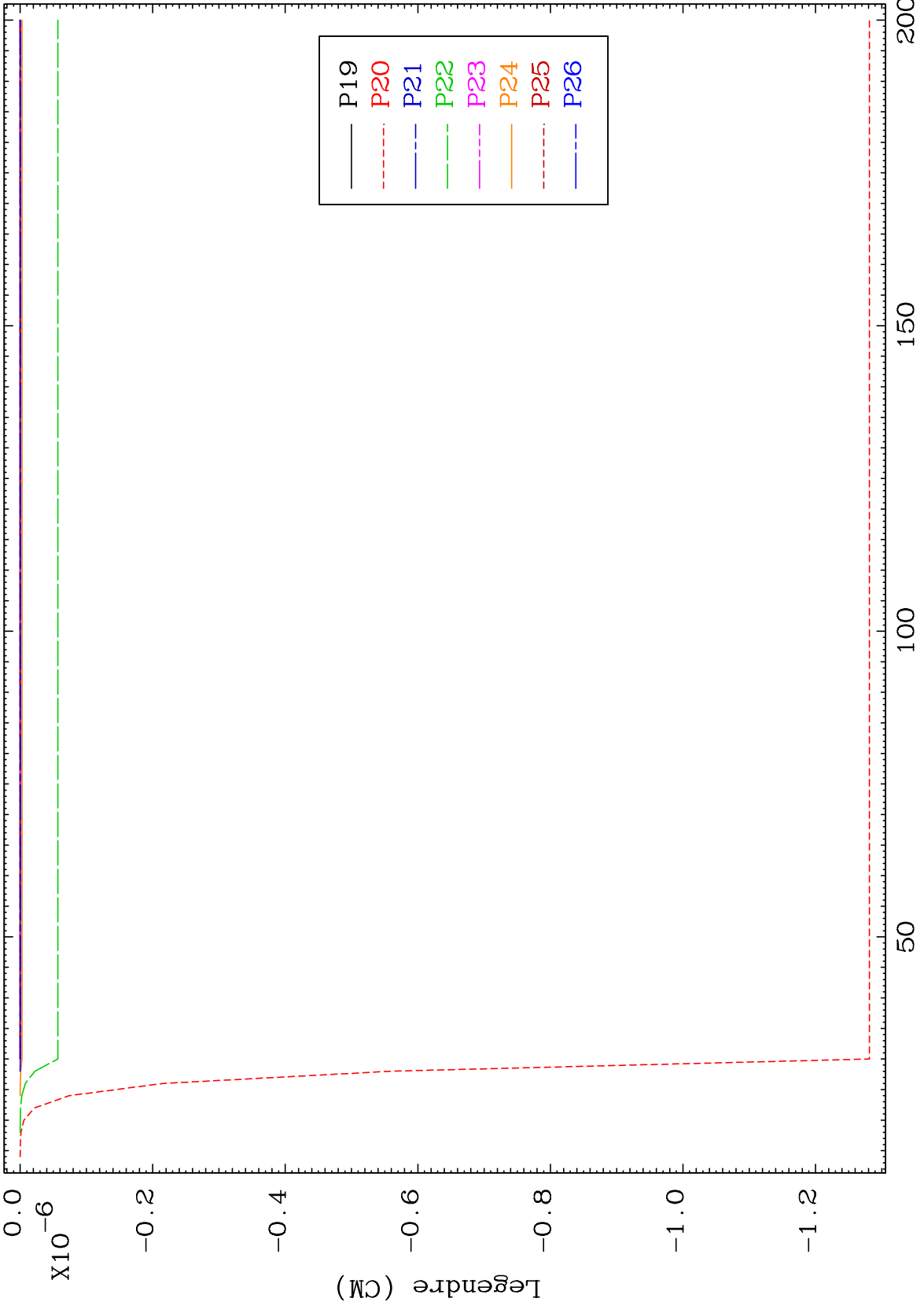


49

Incident Energy (MeV)

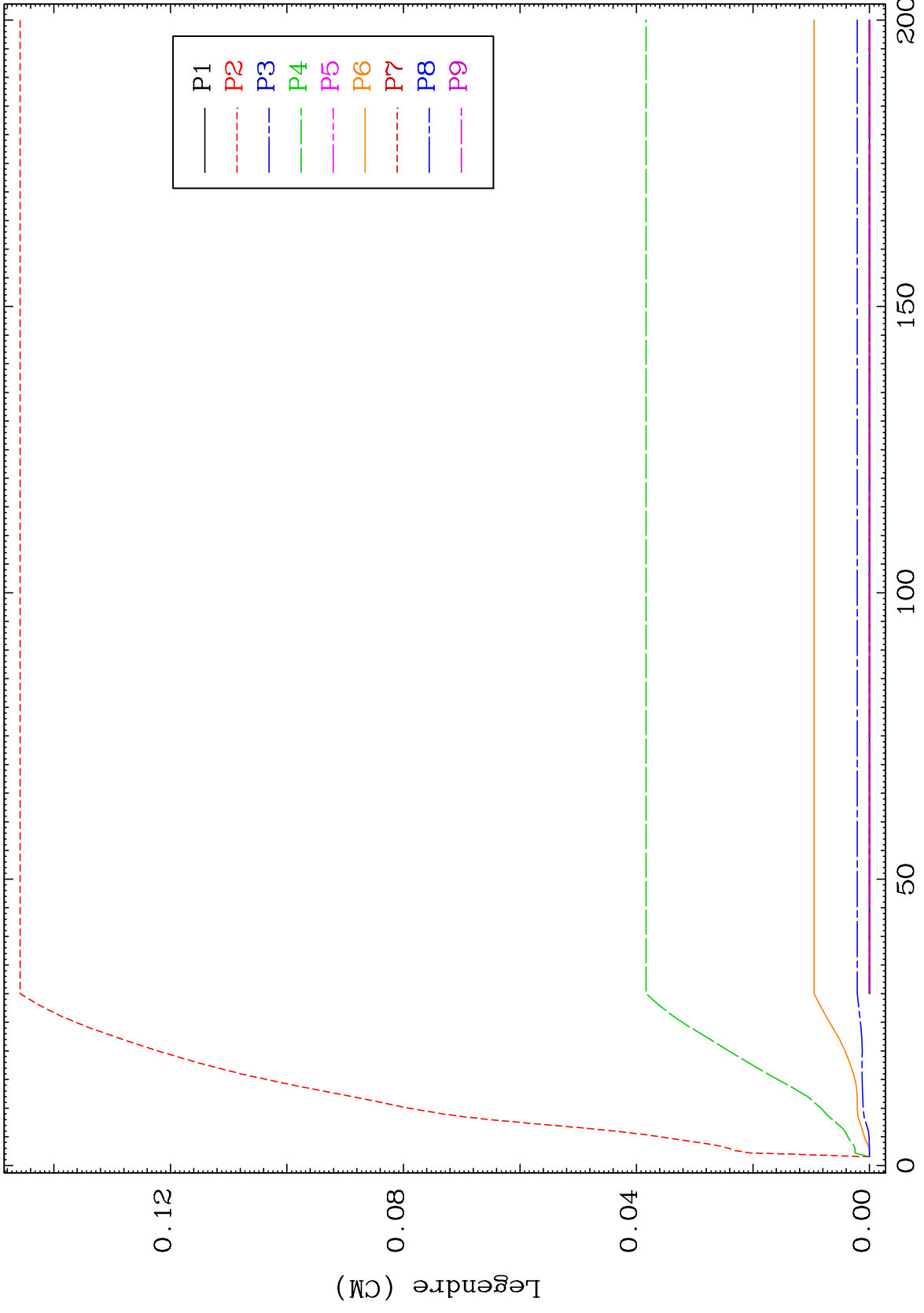
67-Ho-150

MAT 6680 MT= 60 (n,n') Level Legendre Coefficients 67-Ho-150



67-Ho-150

MAT 6680 MT= 61 (n,n') Level Legendre Coefficients 67-Ho-150

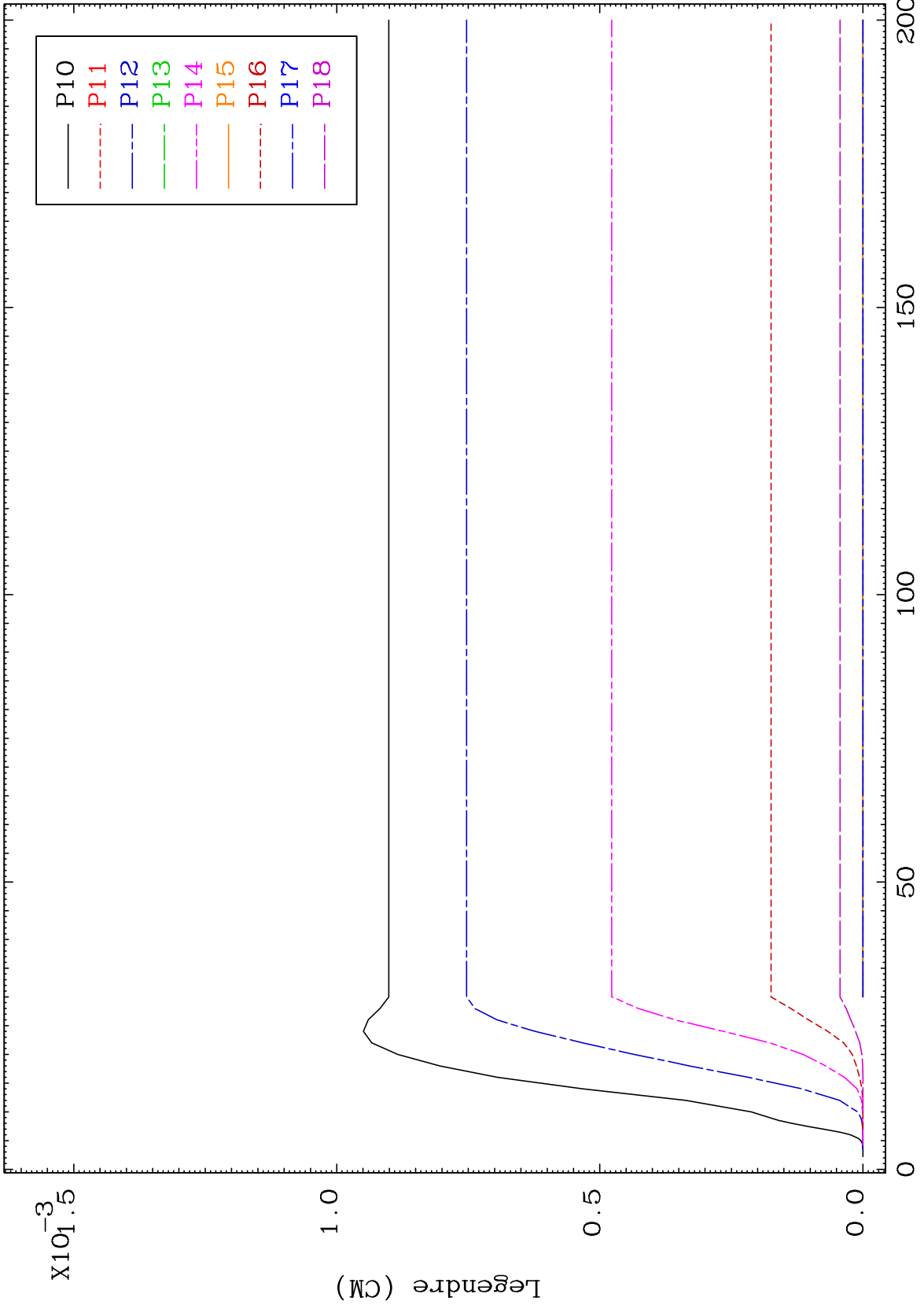


51 67-Ho-150

MAT 6680

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

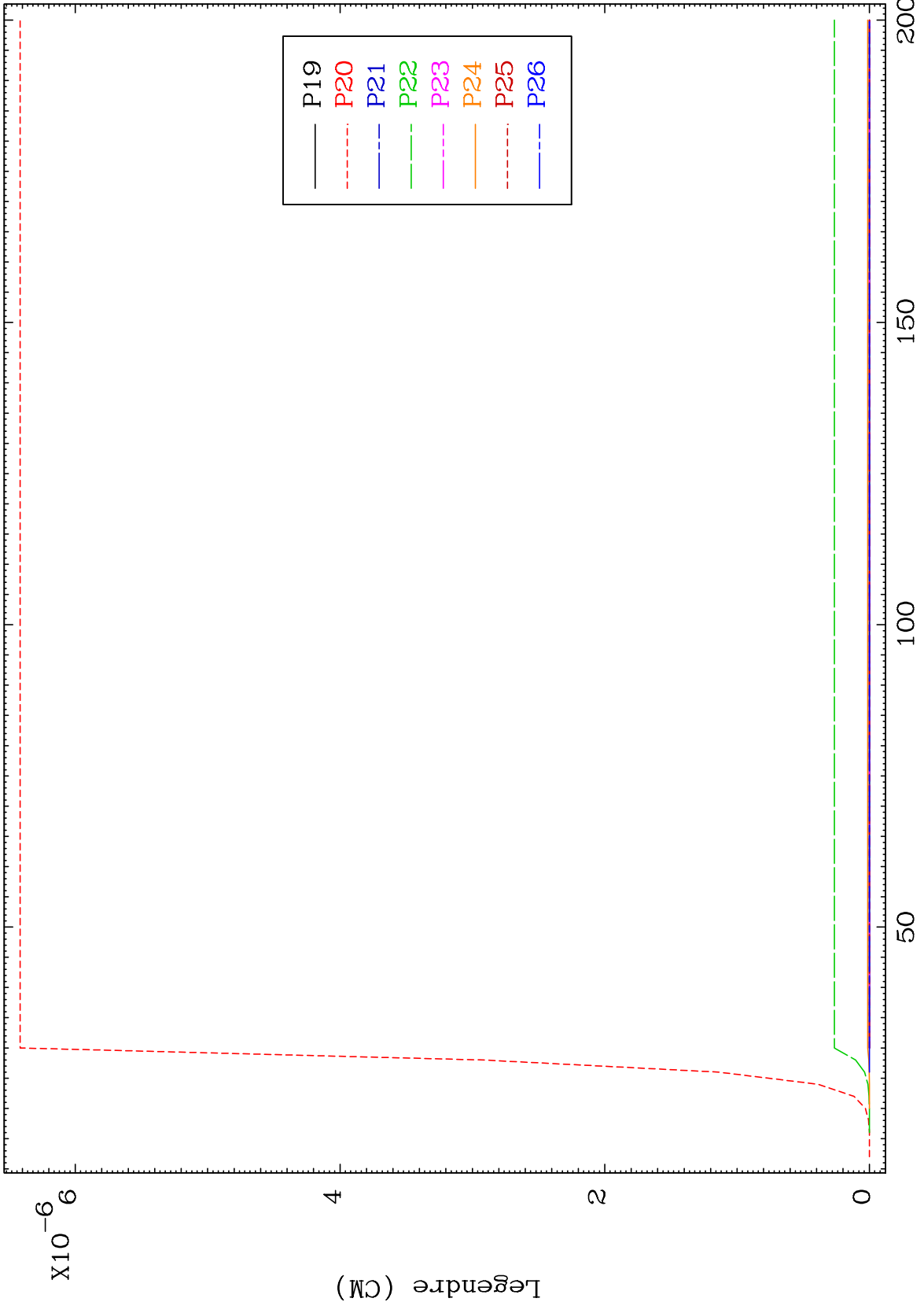
67-Ho-150



52

67-Ho-150

MAT 6680 MT= 61 (n,n') Level Legendre Coefficients 67-Ho-150

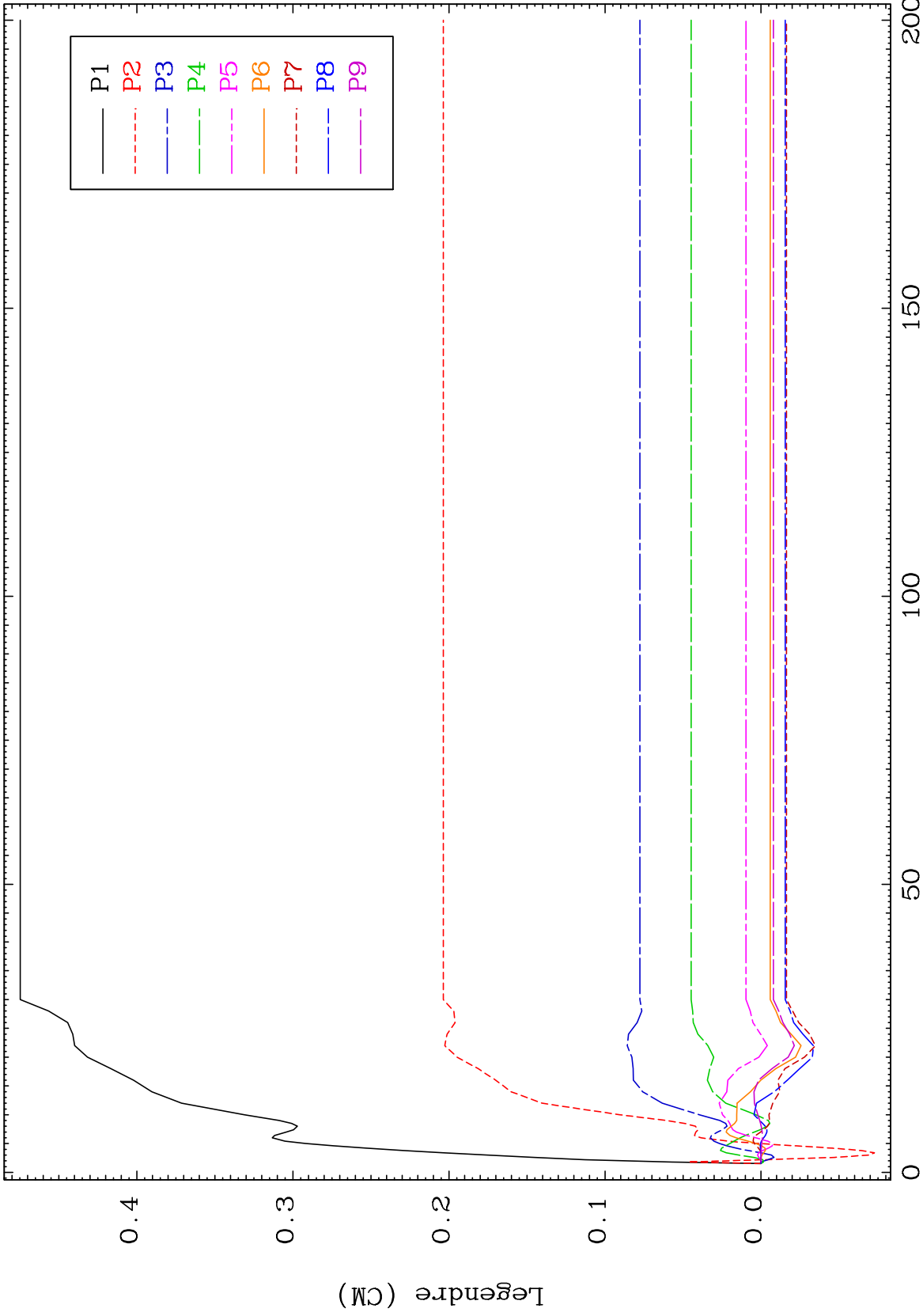


53 Incident Energy (MeV) 67-Ho-150

MAT 6680

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

67-Ho-150



54

Incident Energy (MeV)

67-Ho-150

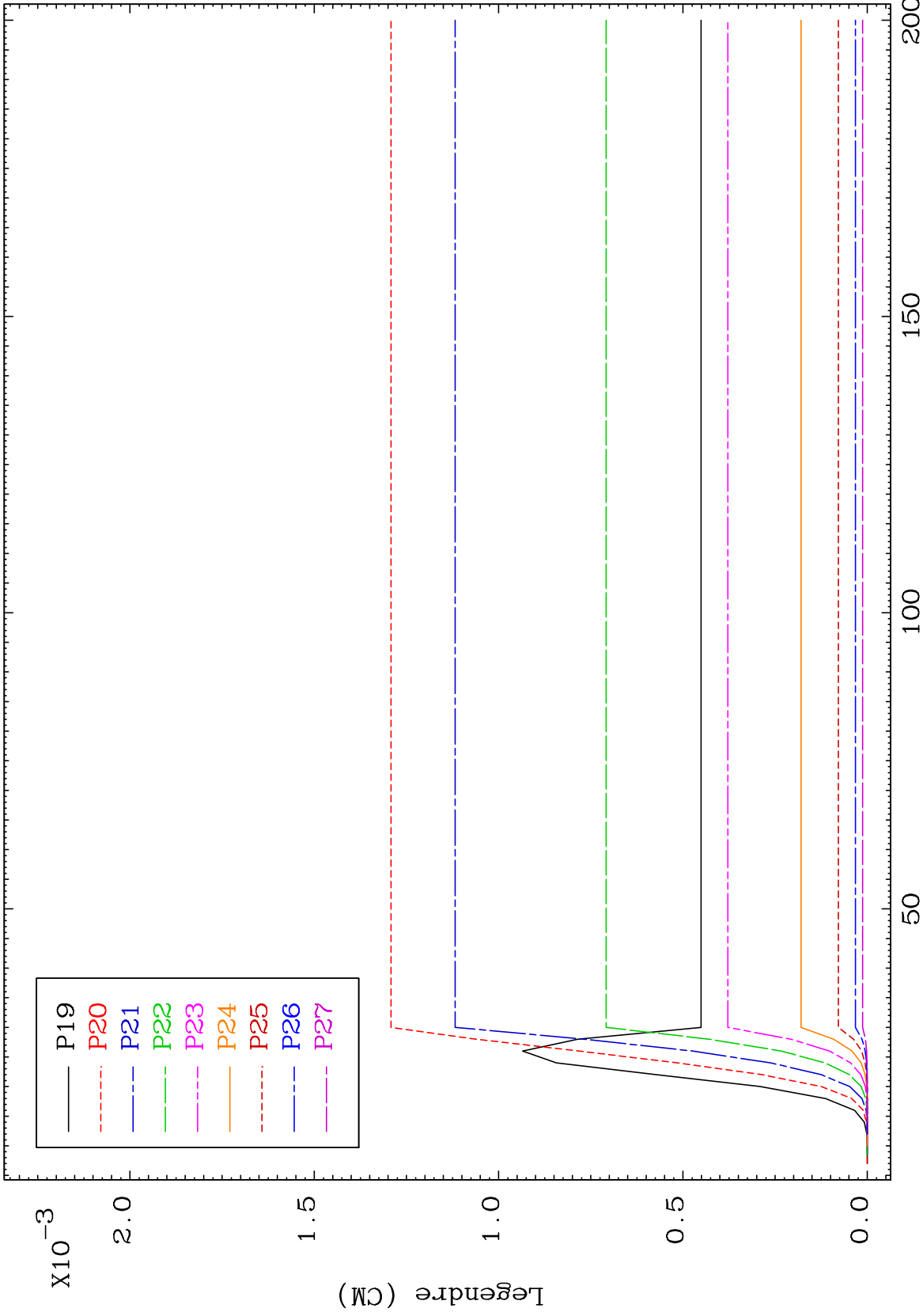




MAT 6680

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

67-Ho-150



56

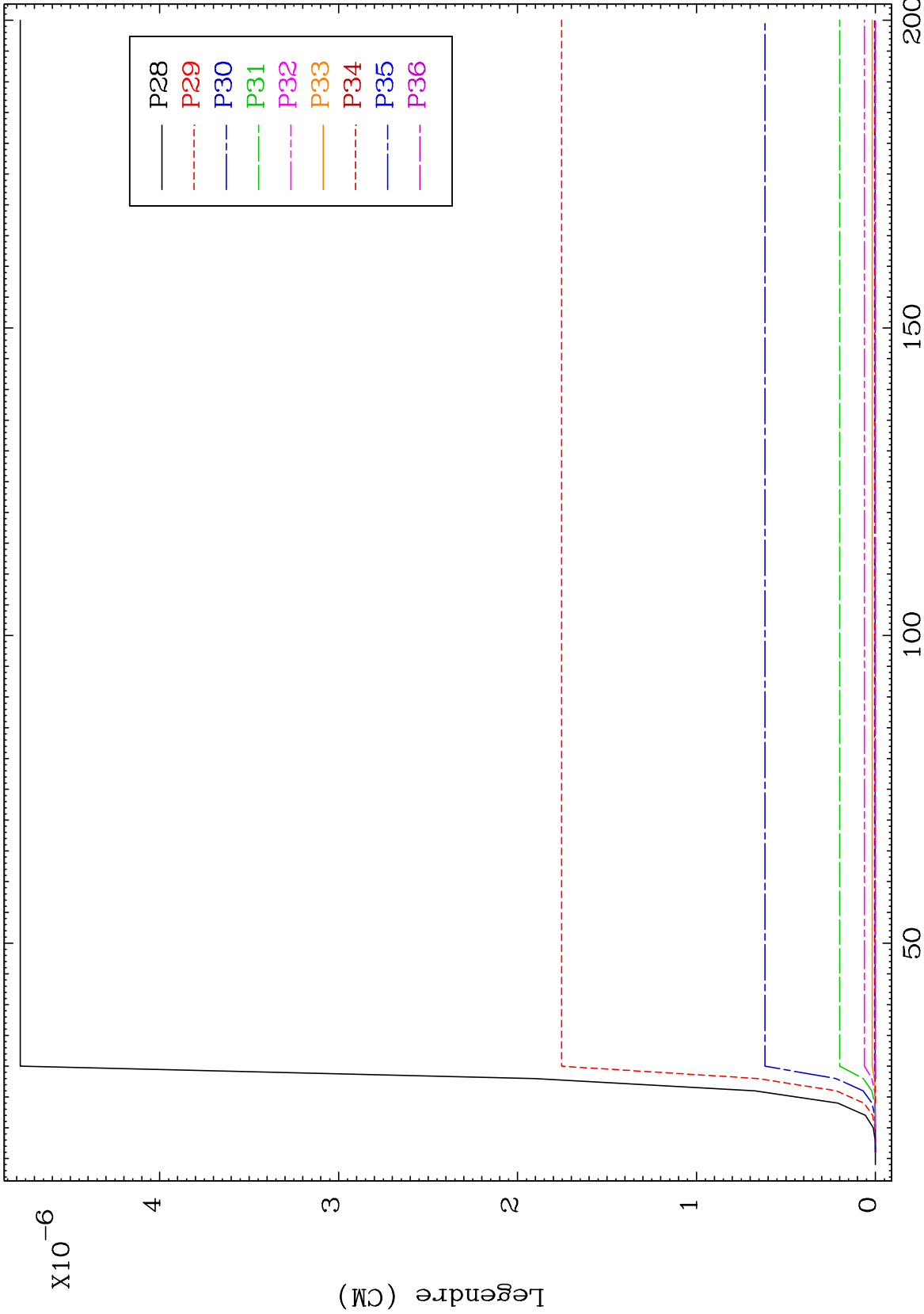
Incident Energy (MeV)

67-Ho-150

MAT 6680

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

67-Ho-150



57

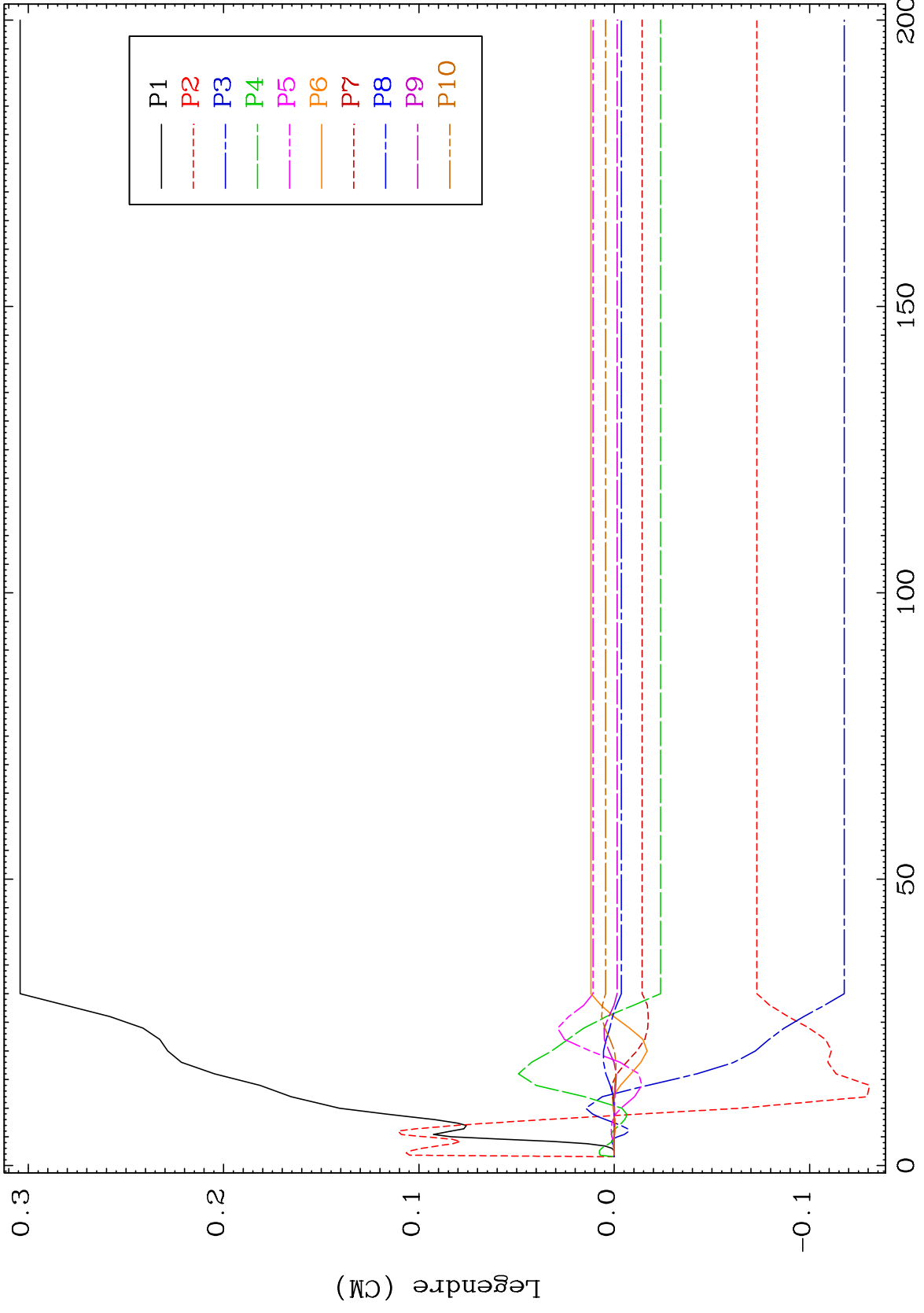
Incident Energy (MeV)

67-Ho-150

MAT 6680

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

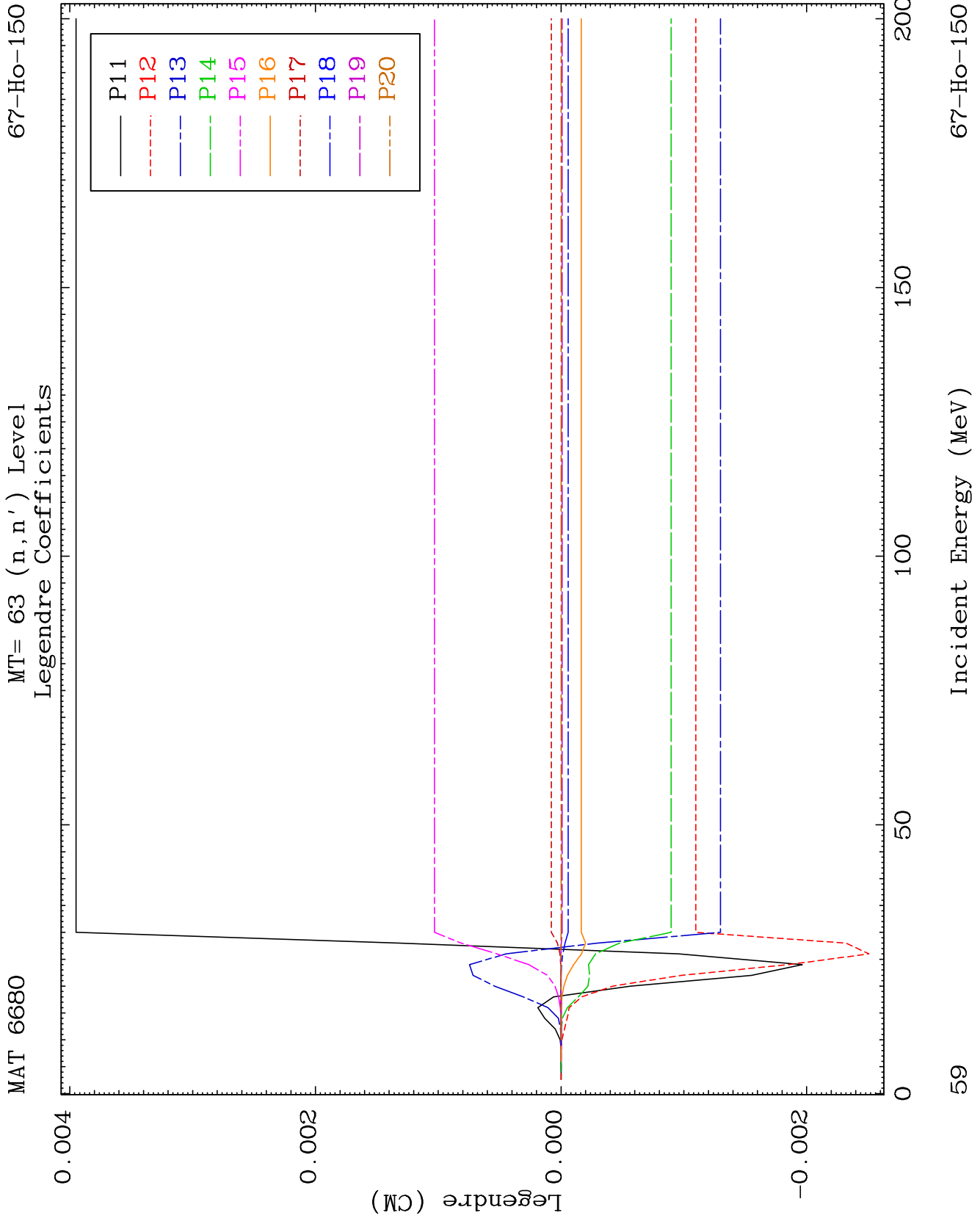
67-Ho-150



58

Incident Energy (MeV)

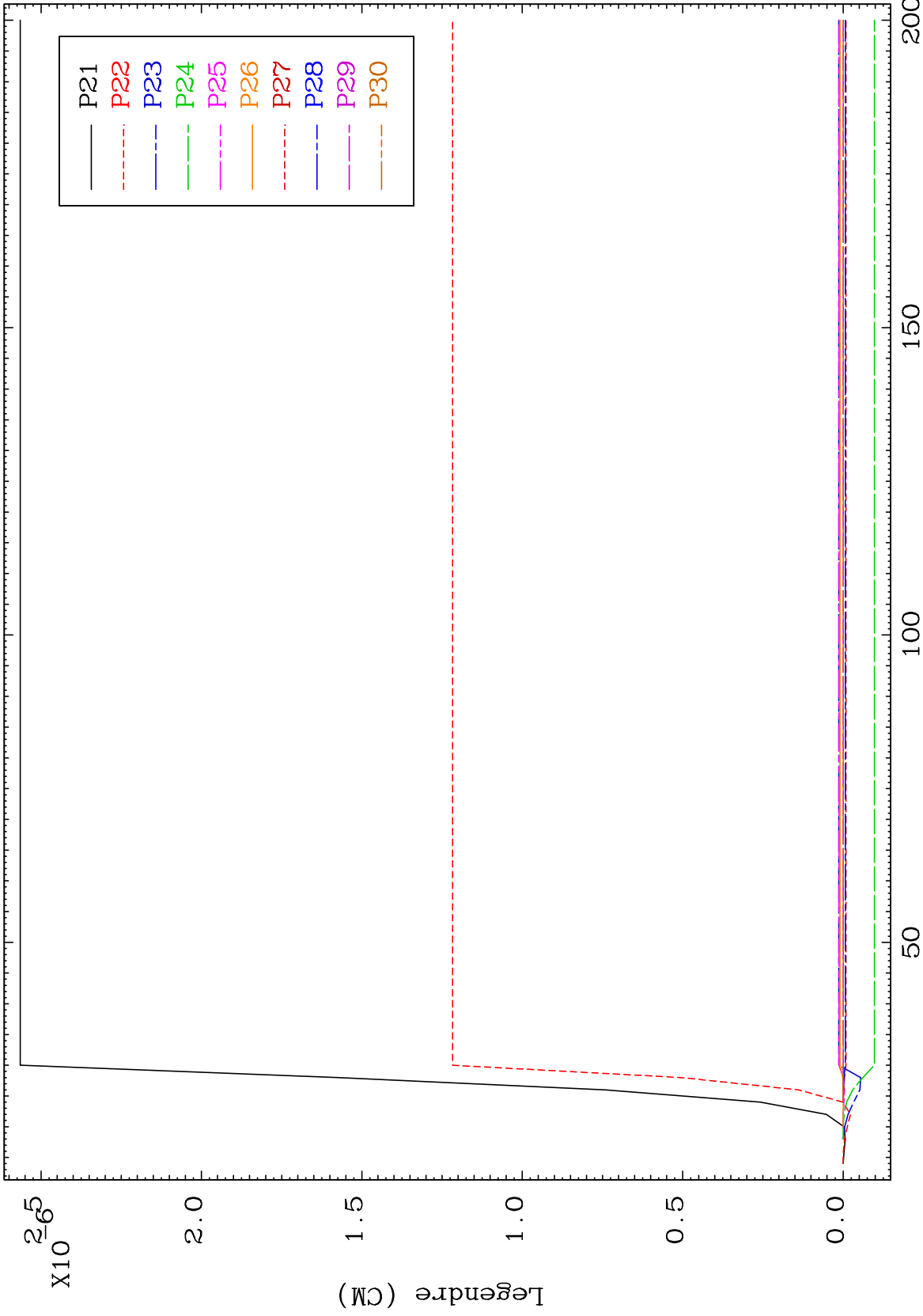
67-Ho-150



MAT 6680

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

67-Ho-150

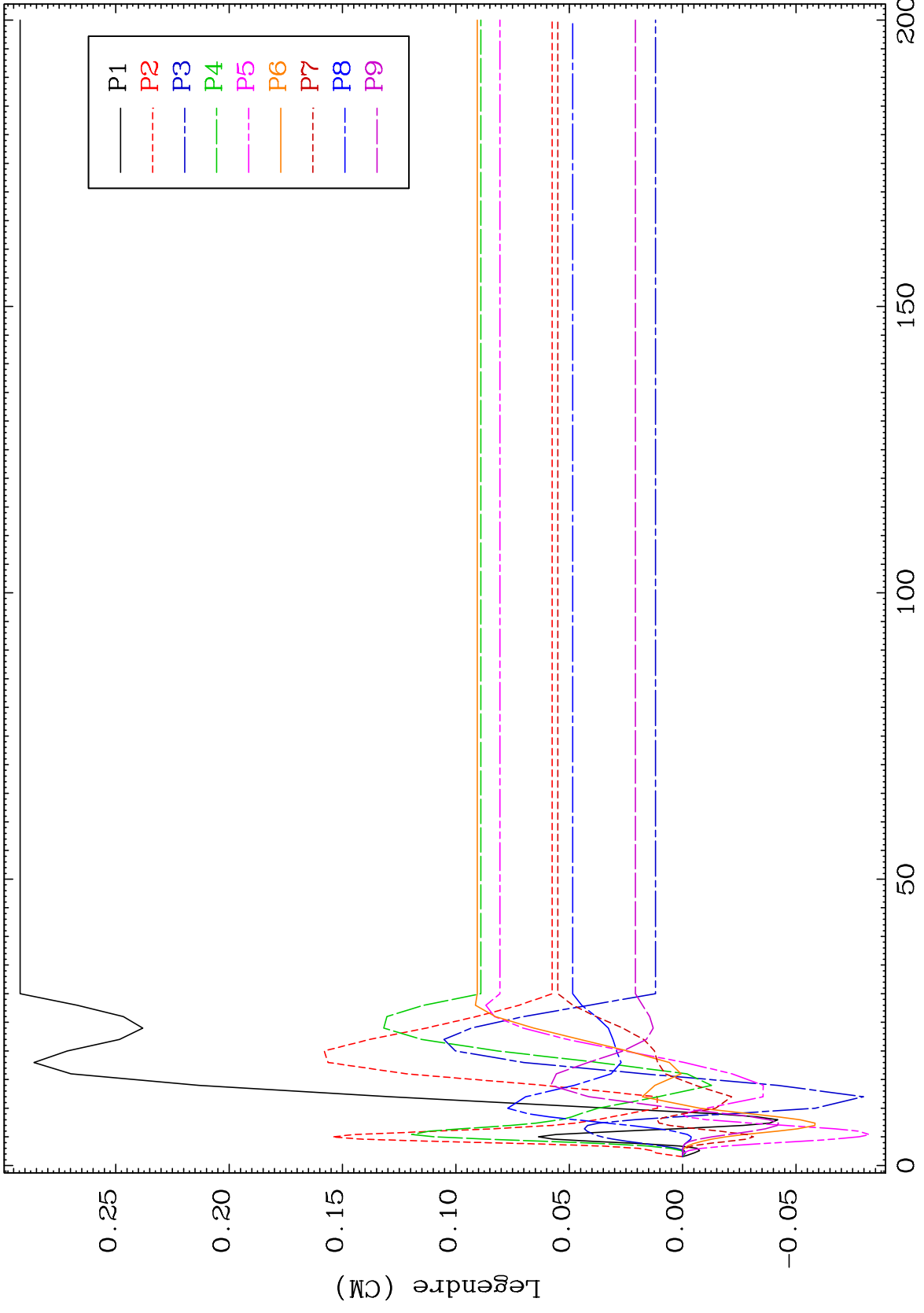


60

Incident Energy (MeV)

67-Ho-150

MAT 6680 MT= 64 (n,n') Level Legendre Coefficients 67-Ho-150

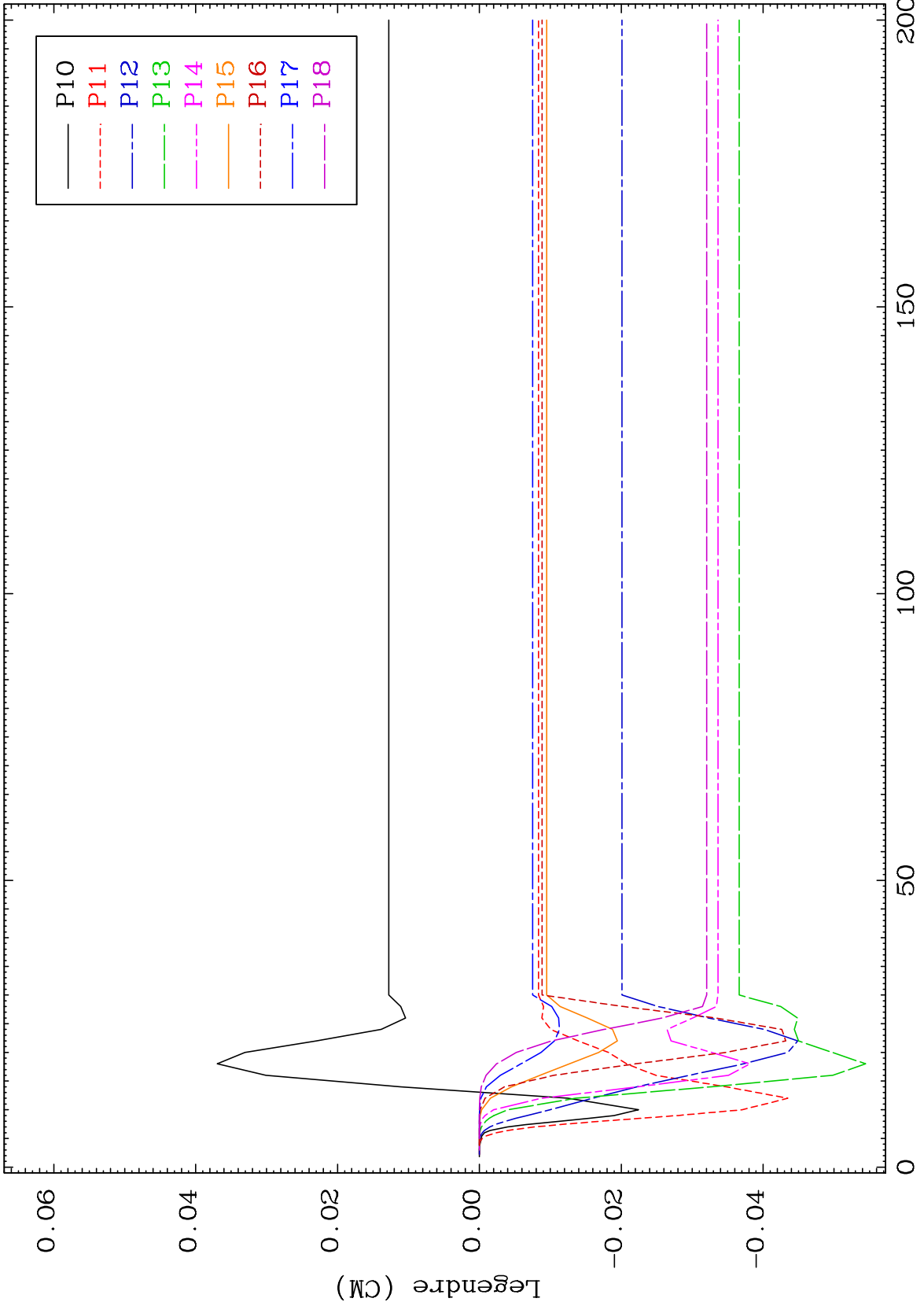


61 67-Ho-150

MAT 6680

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

67-Ho-150



62

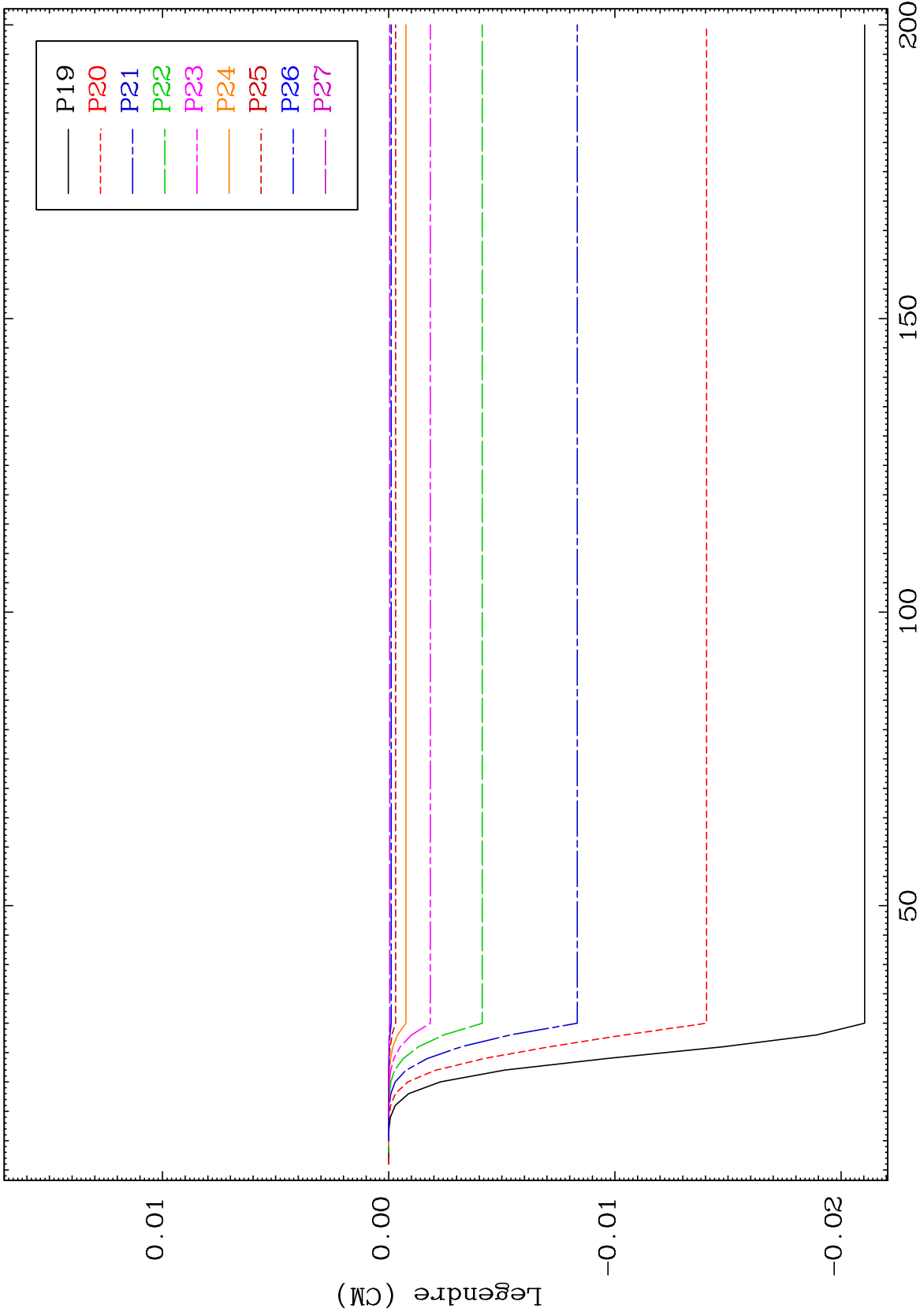
Incident Energy (MeV)

67-Ho-150

MAT 6680

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

67-Ho-150



63

Incident Energy (MeV)

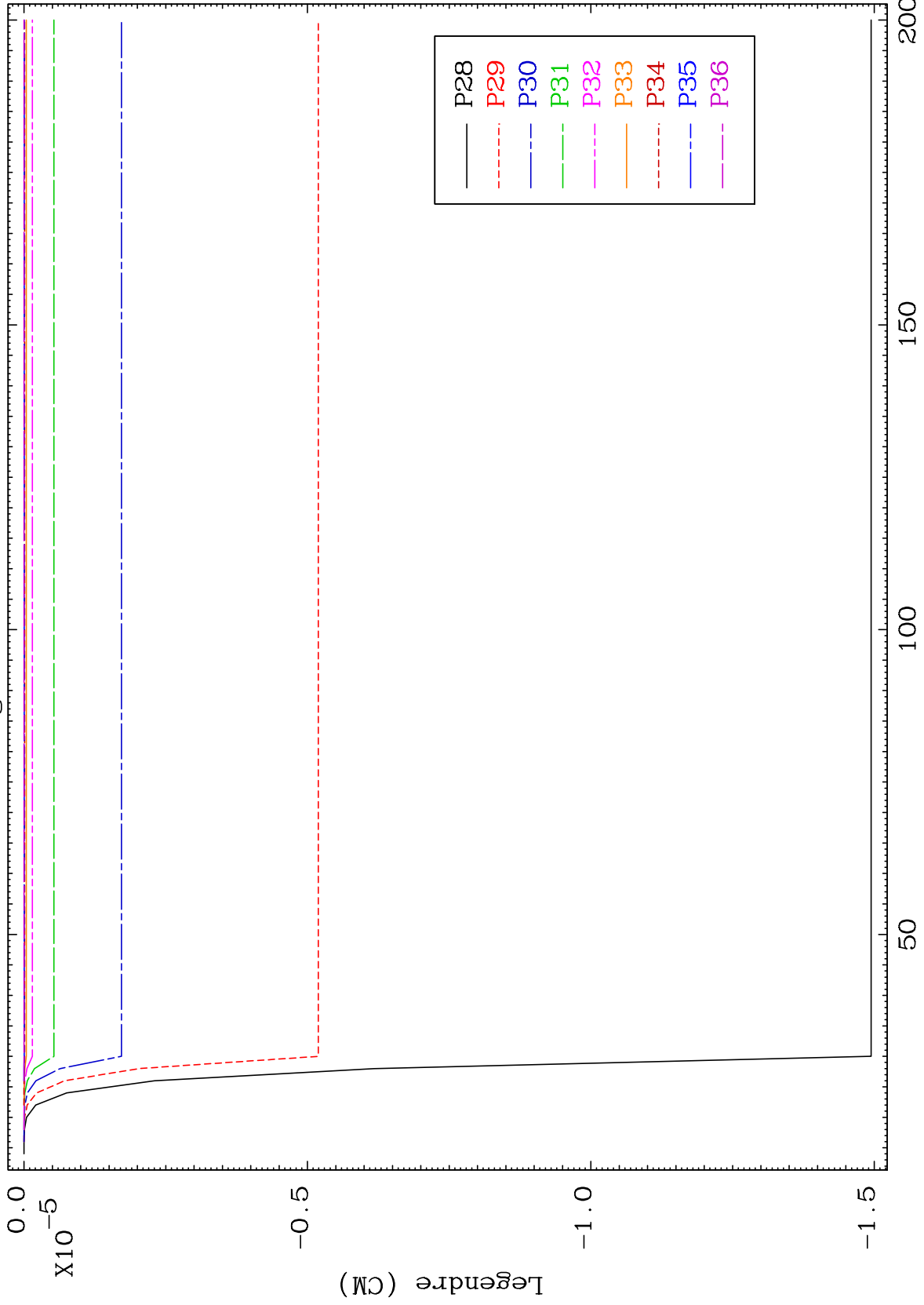
67-Ho-150



MAT 6680

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

67-Ho-150

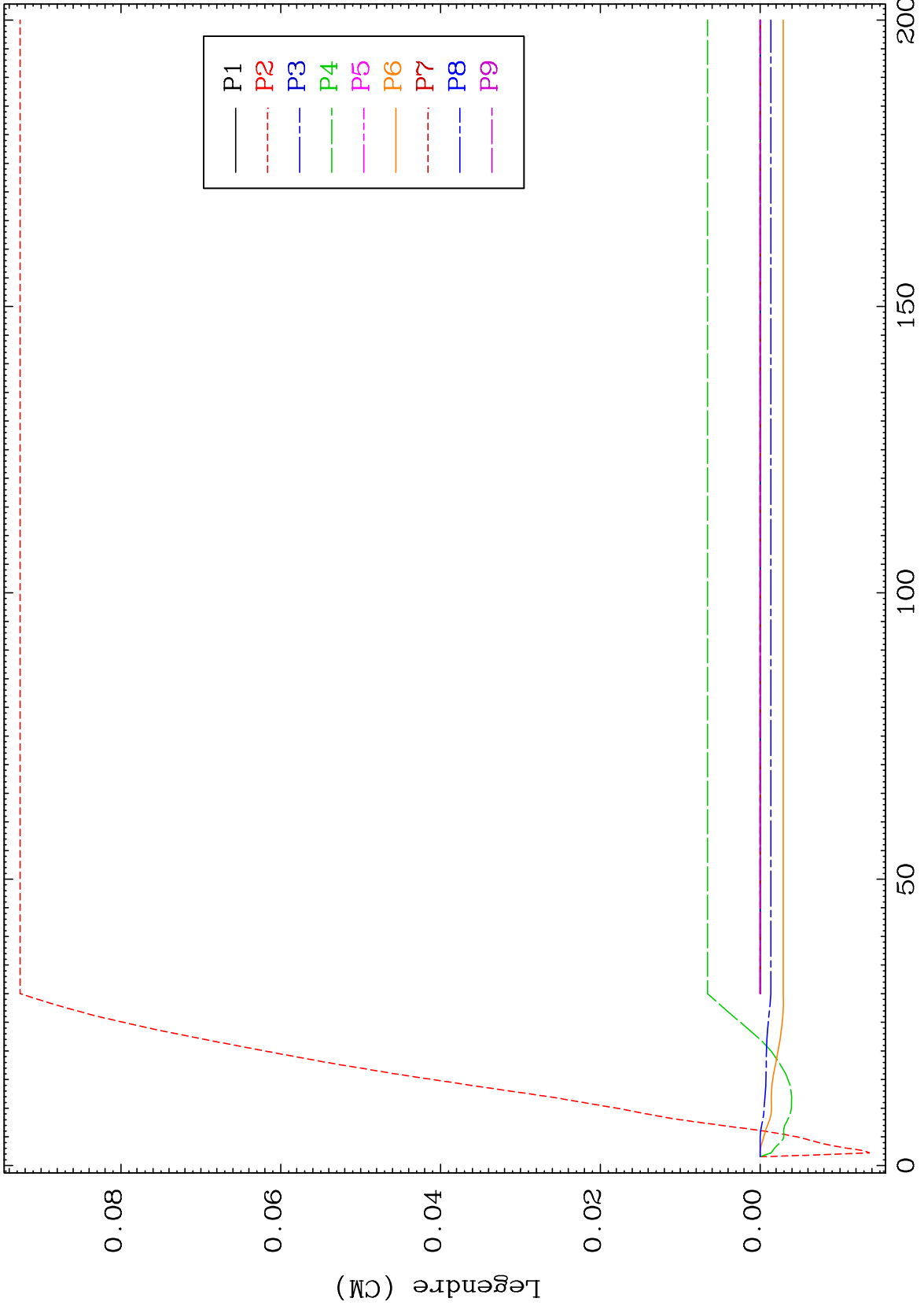


67-Ho-150

Incident Energy (MeV)

64

MAT 6680 MT= 65 (n,n') Level Legendre Coefficients 67-Ho-150

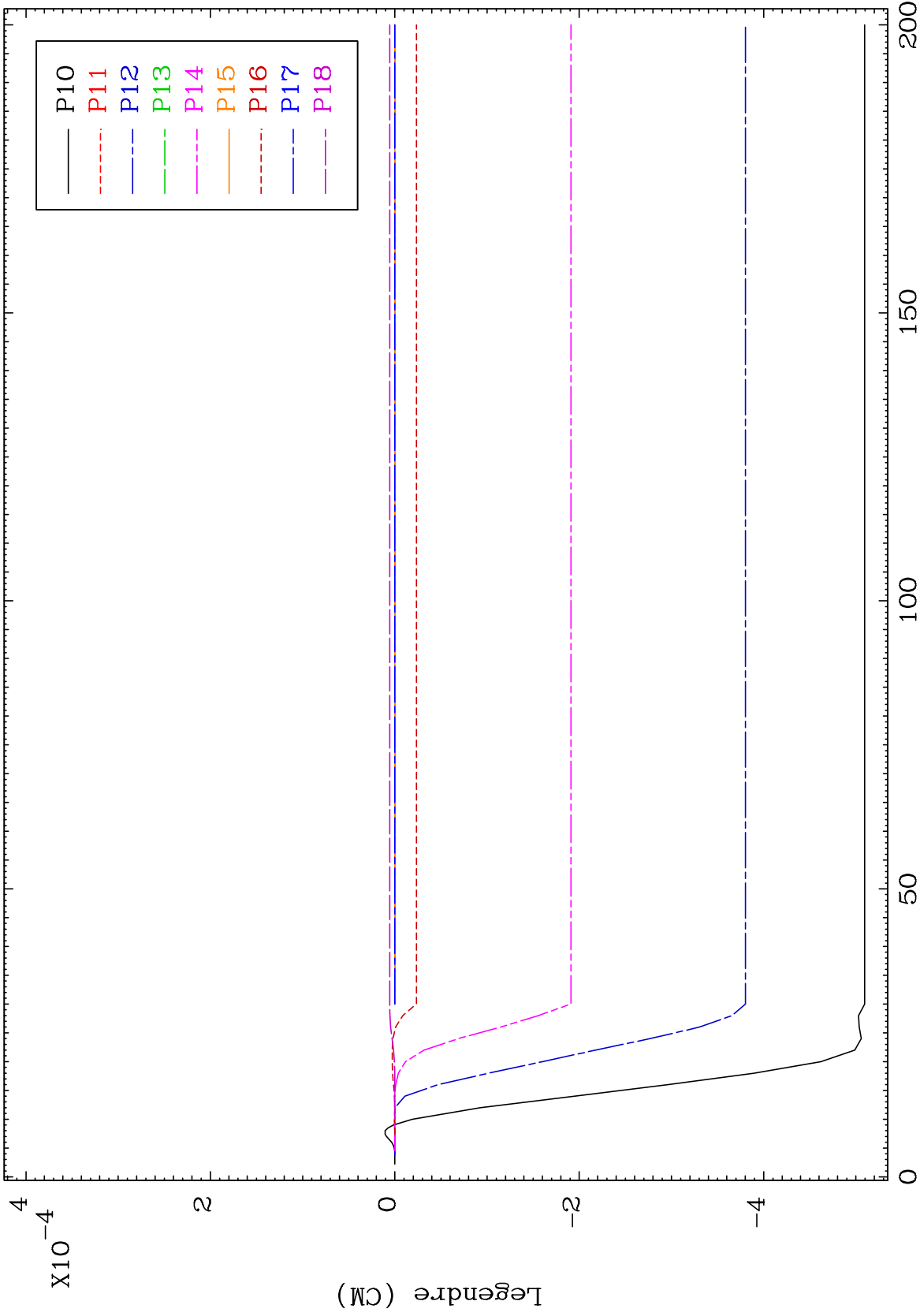


65 67-Ho-150

MAT 6680

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

67-Ho-150

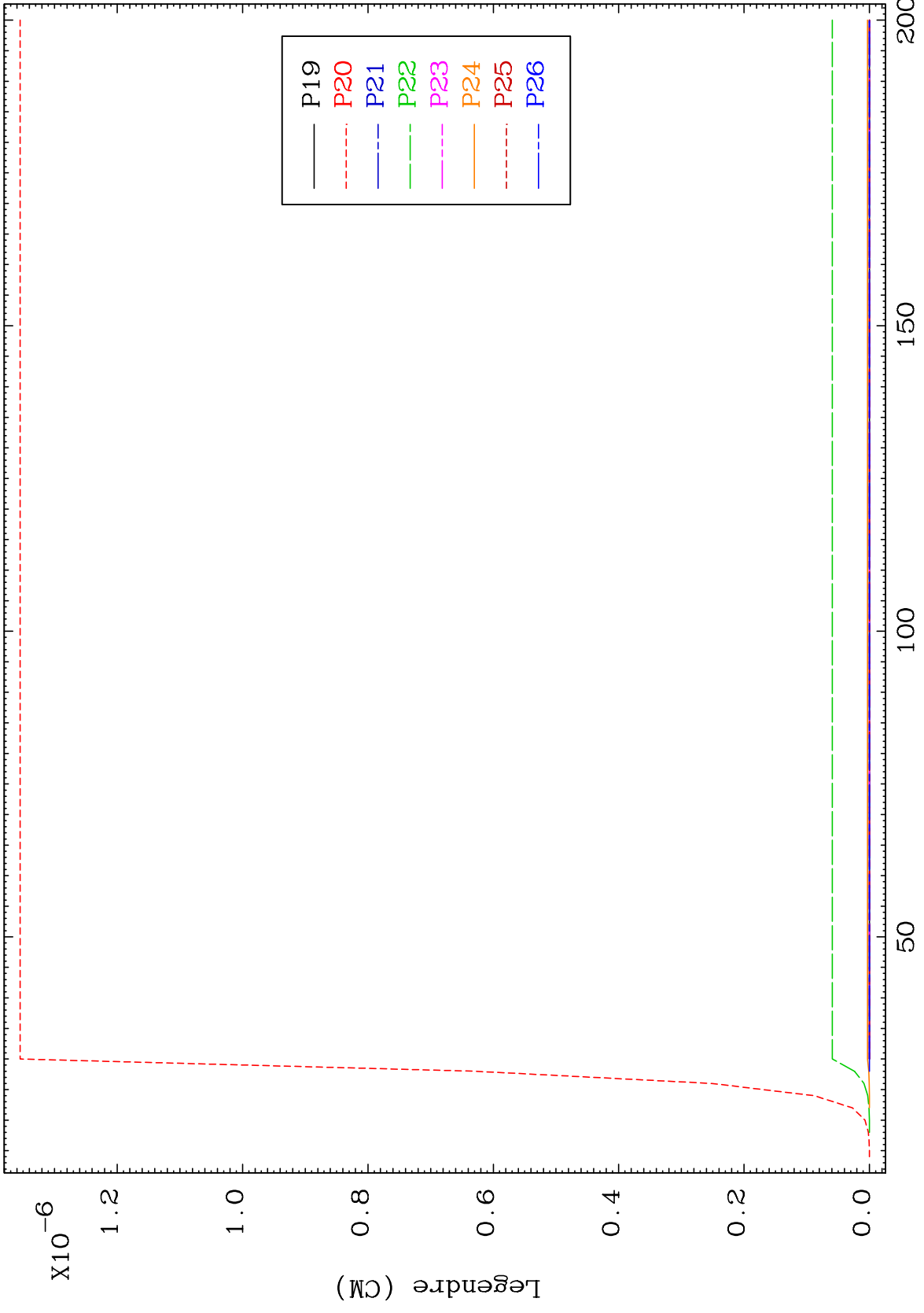


66

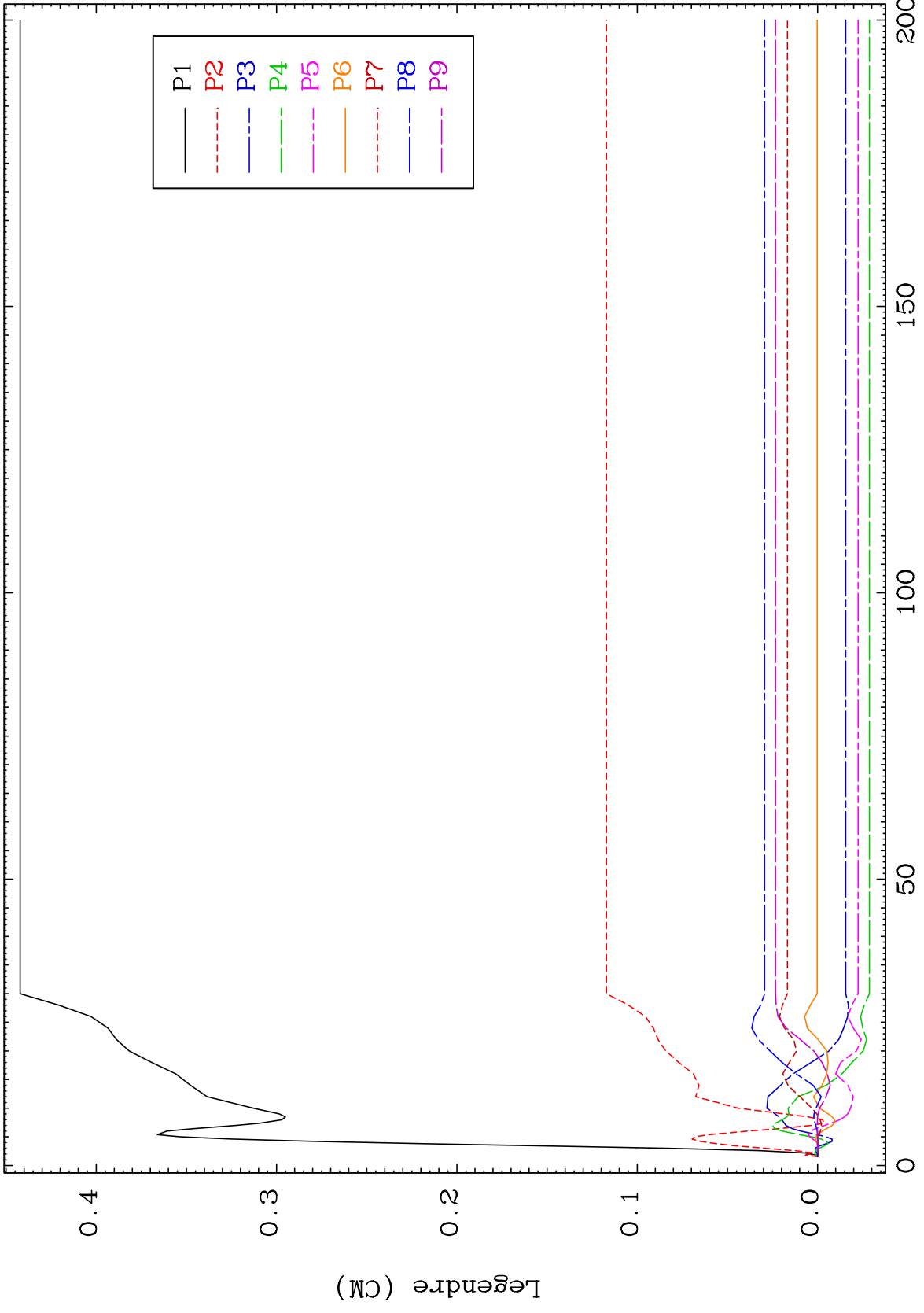
Incident Energy (MeV)

67-Ho-150

MAT 6680 MT= 65 (n,n') Level Legendre Coefficients 67-Ho-150



MAT 6680 MT= 66 (n,n') Level Legendre Coefficients 67-Ho-150

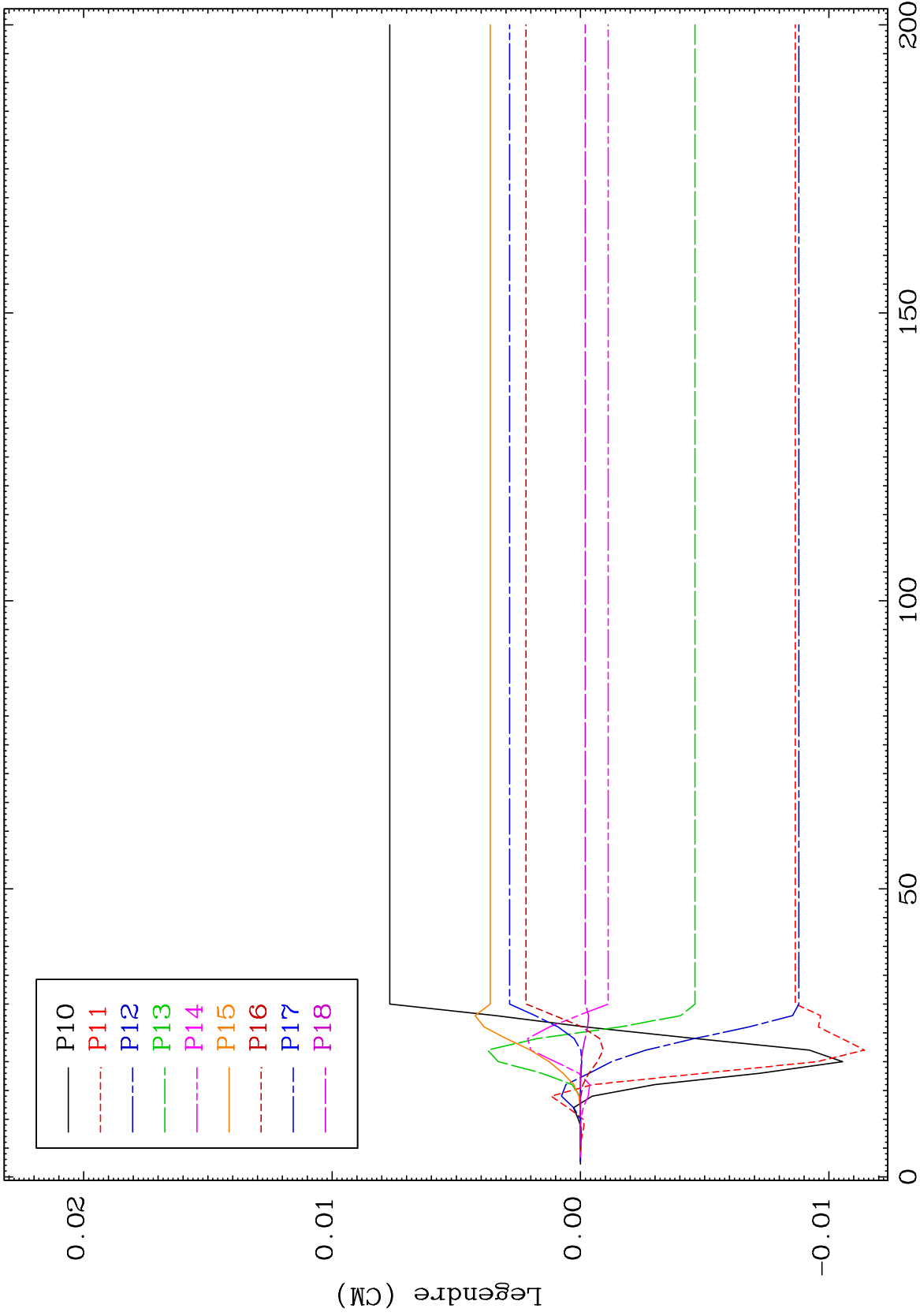


68 67-Ho-150 Incident Energy (MeV)

MAT 6680

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

67-Ho-150

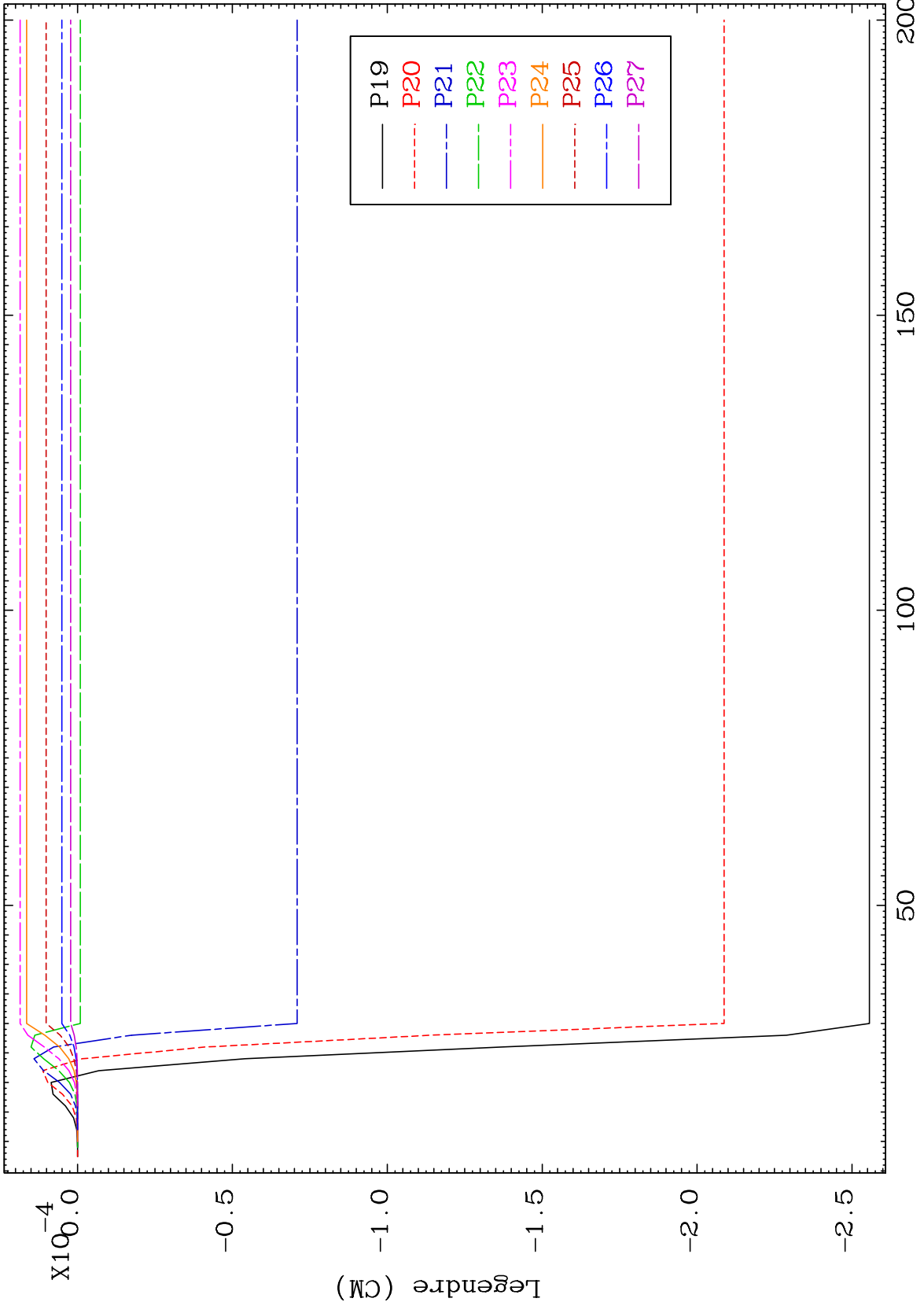


69

Incident Energy (MeV)

67-Ho-150

MAT 6680 MT= 66 (n,n') Level Legendre Coefficients 67-Ho-150

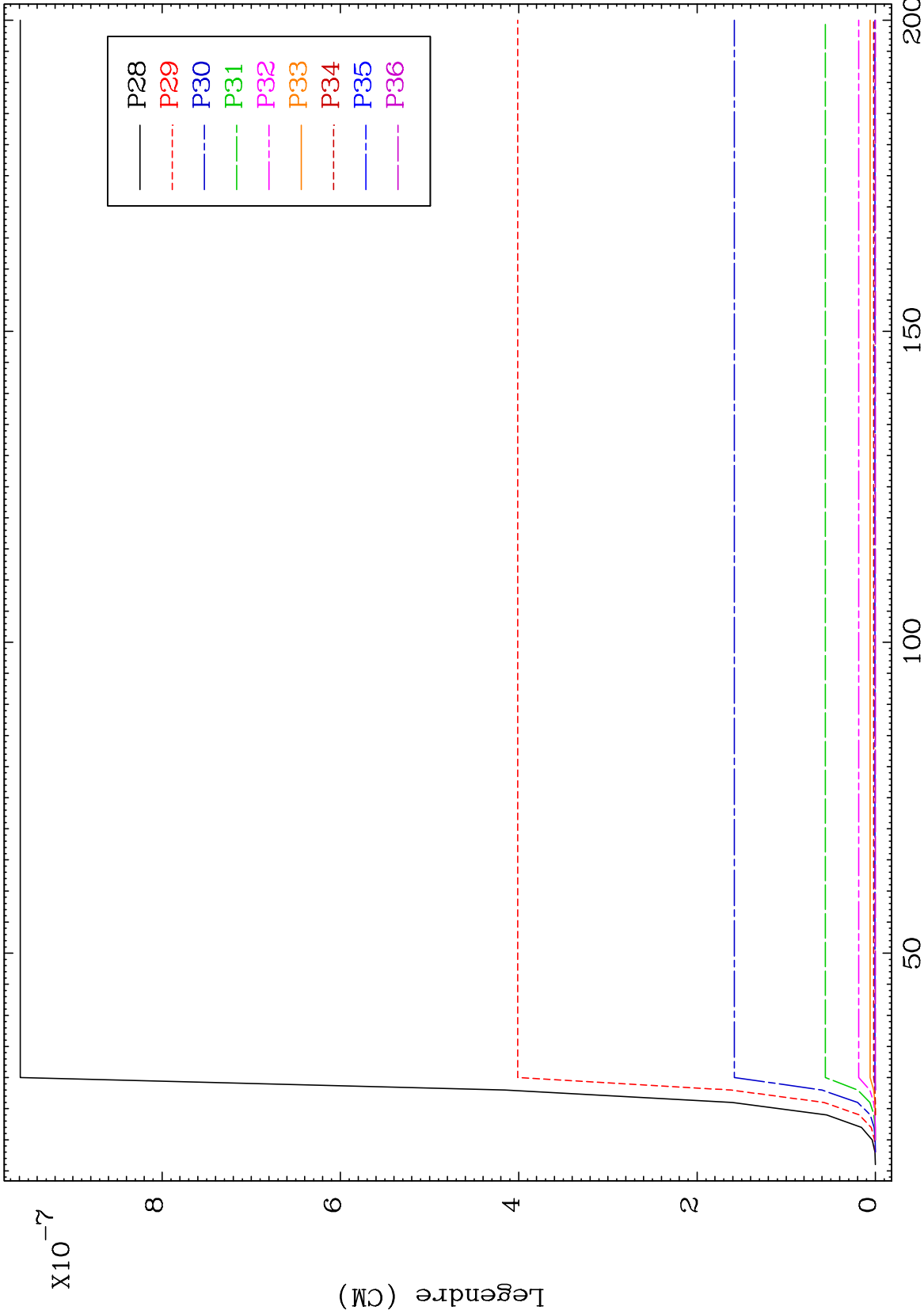


70 Incident Energy (MeV) 67-Ho-150

MAT 6680

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

67-Ho-150



71

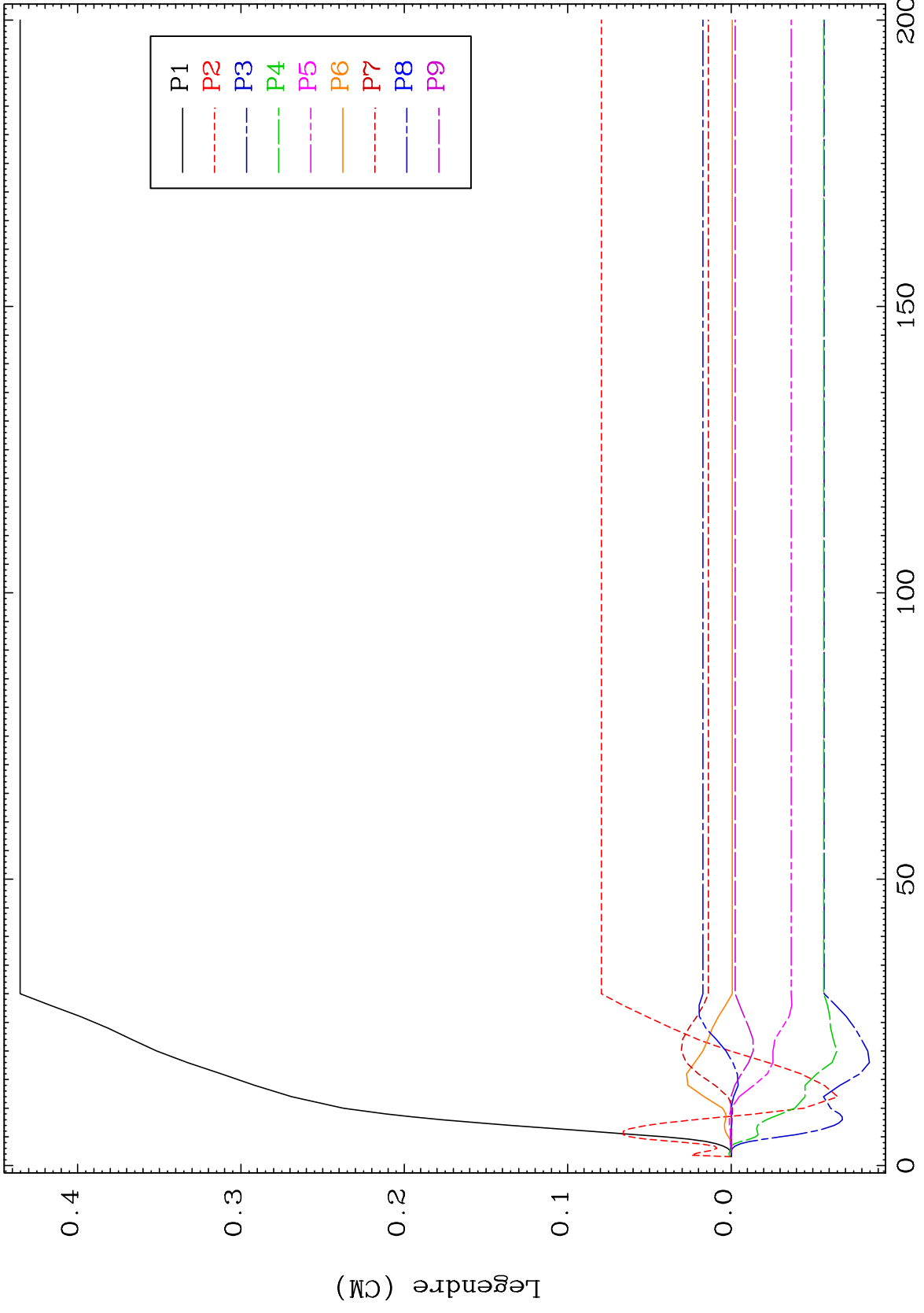
67-Ho-150



MAT 6680

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

67-Ho-150

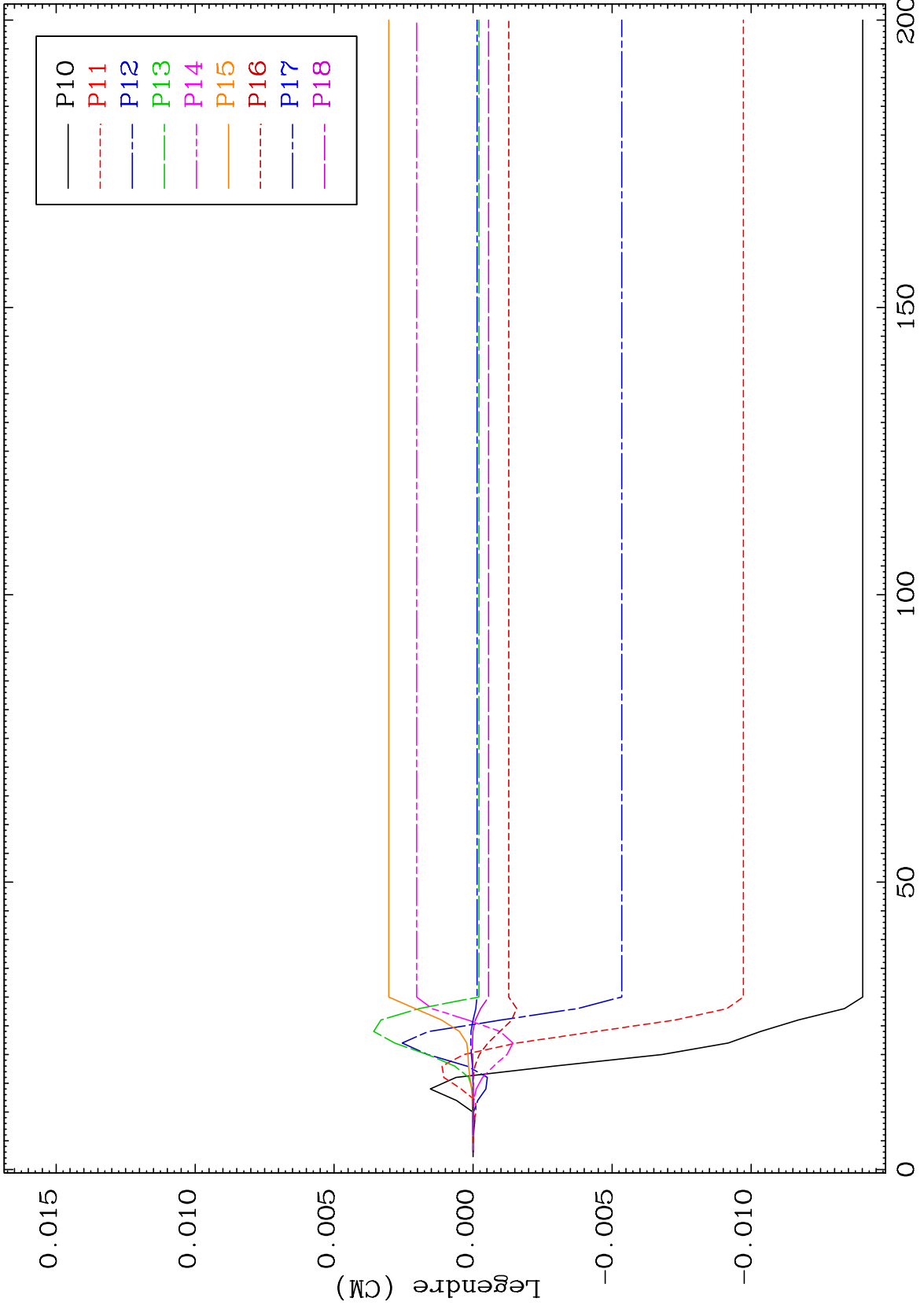


72

Incident Energy (MeV)

67-Ho-150

MAT 6680 MT= 67 (n,n') Level Legendre Coefficients 67-Ho-150

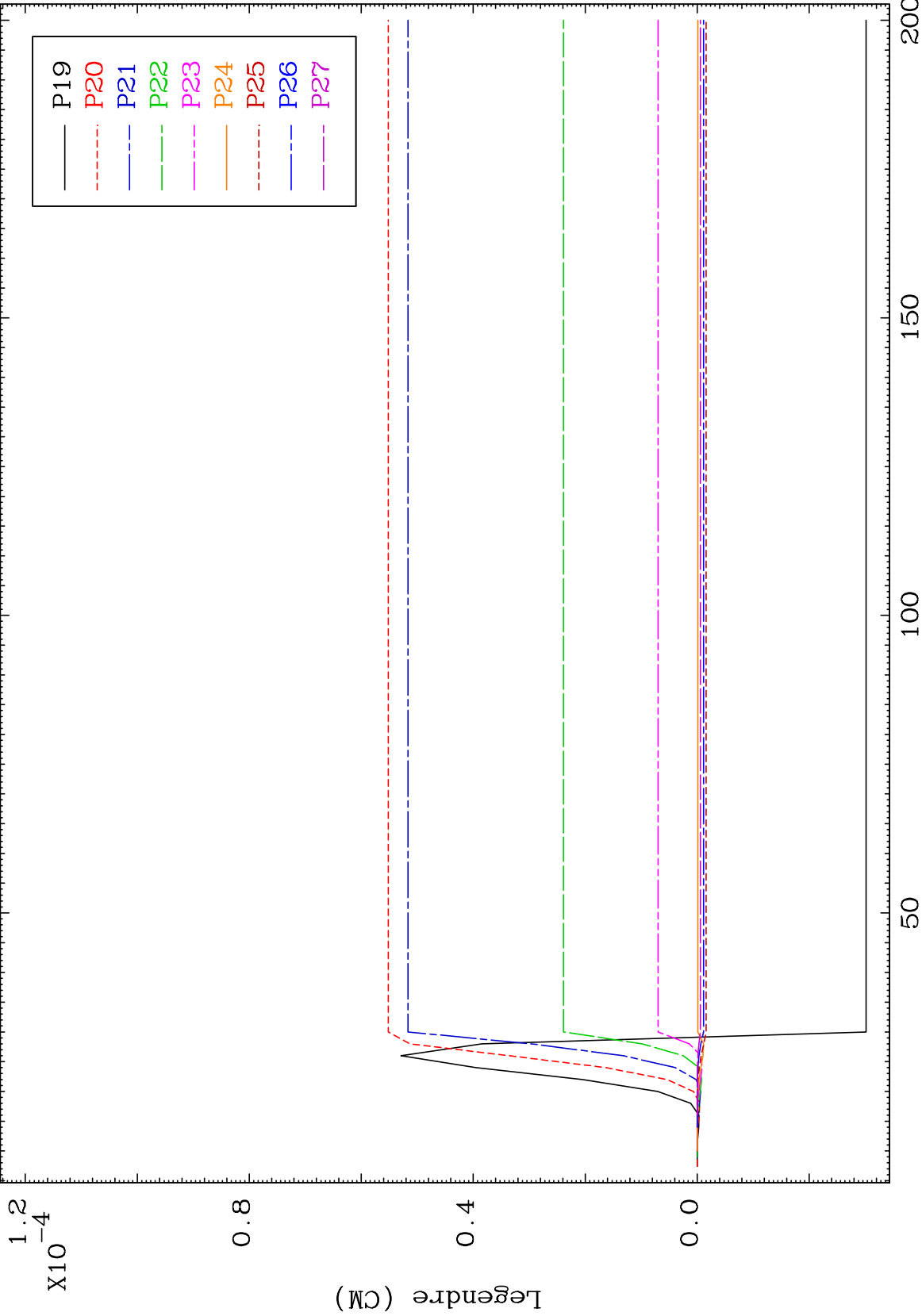


73 67-Ho-150

MAT 6680

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

67-Ho-150

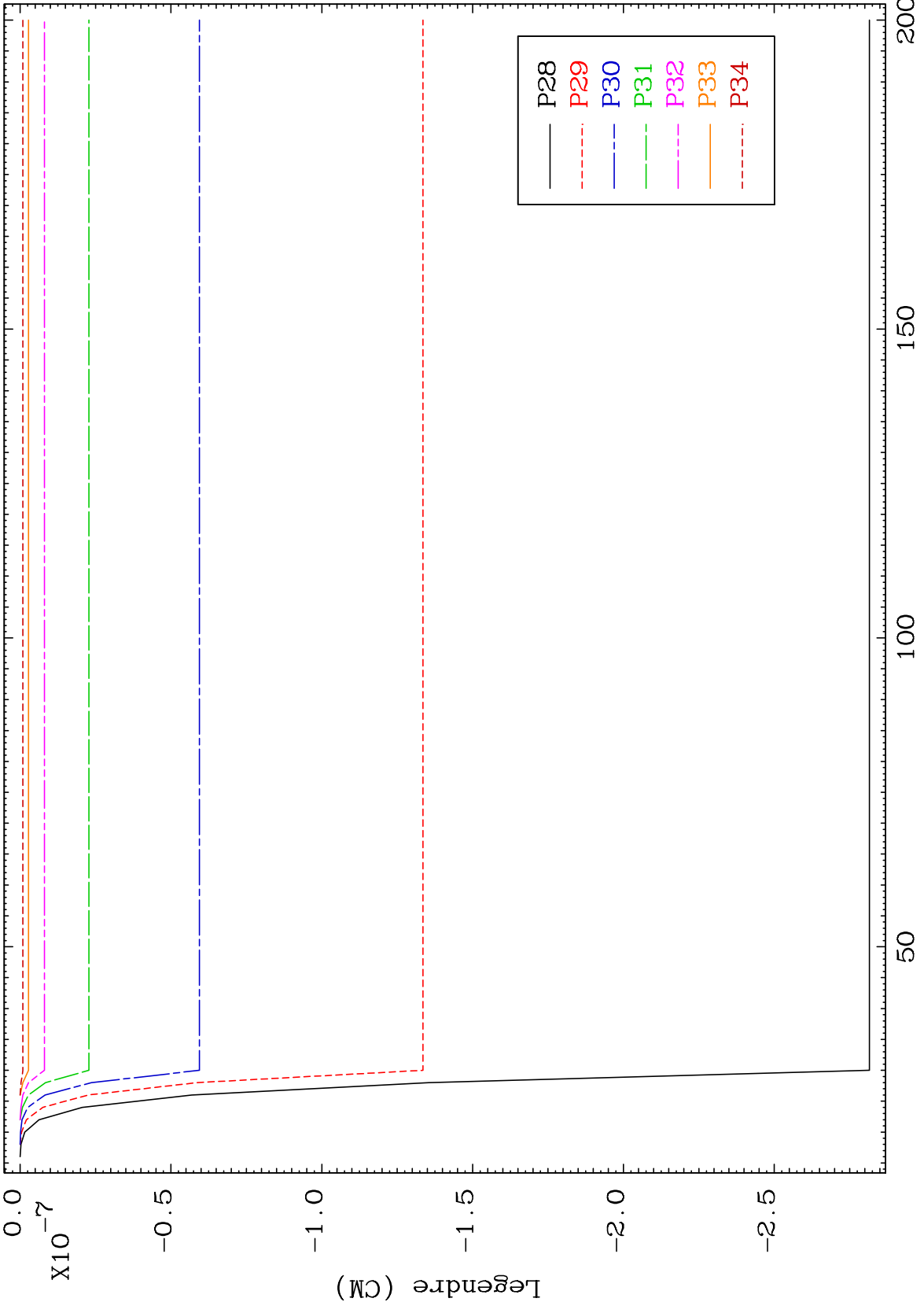


74

Incident Energy (MeV)

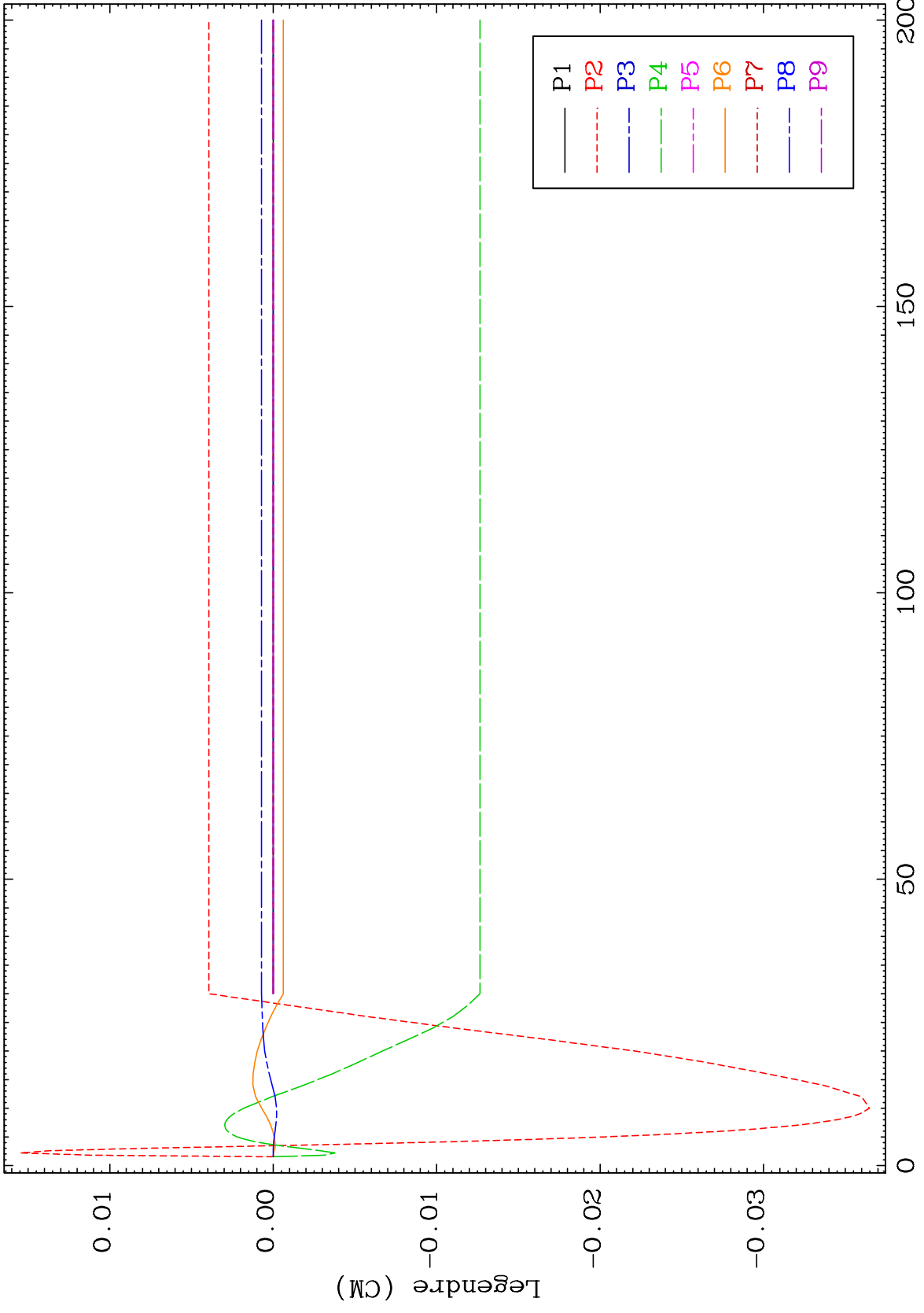
67-Ho-150

MAT 6680 MT= 67 (n,n') Level Legendre Coefficients 67-Ho-150



75 Incident Energy (MeV) 67-Ho-150

MAT 6680 MT= 68 (n,n') Level Legendre Coefficients 67-Ho-150

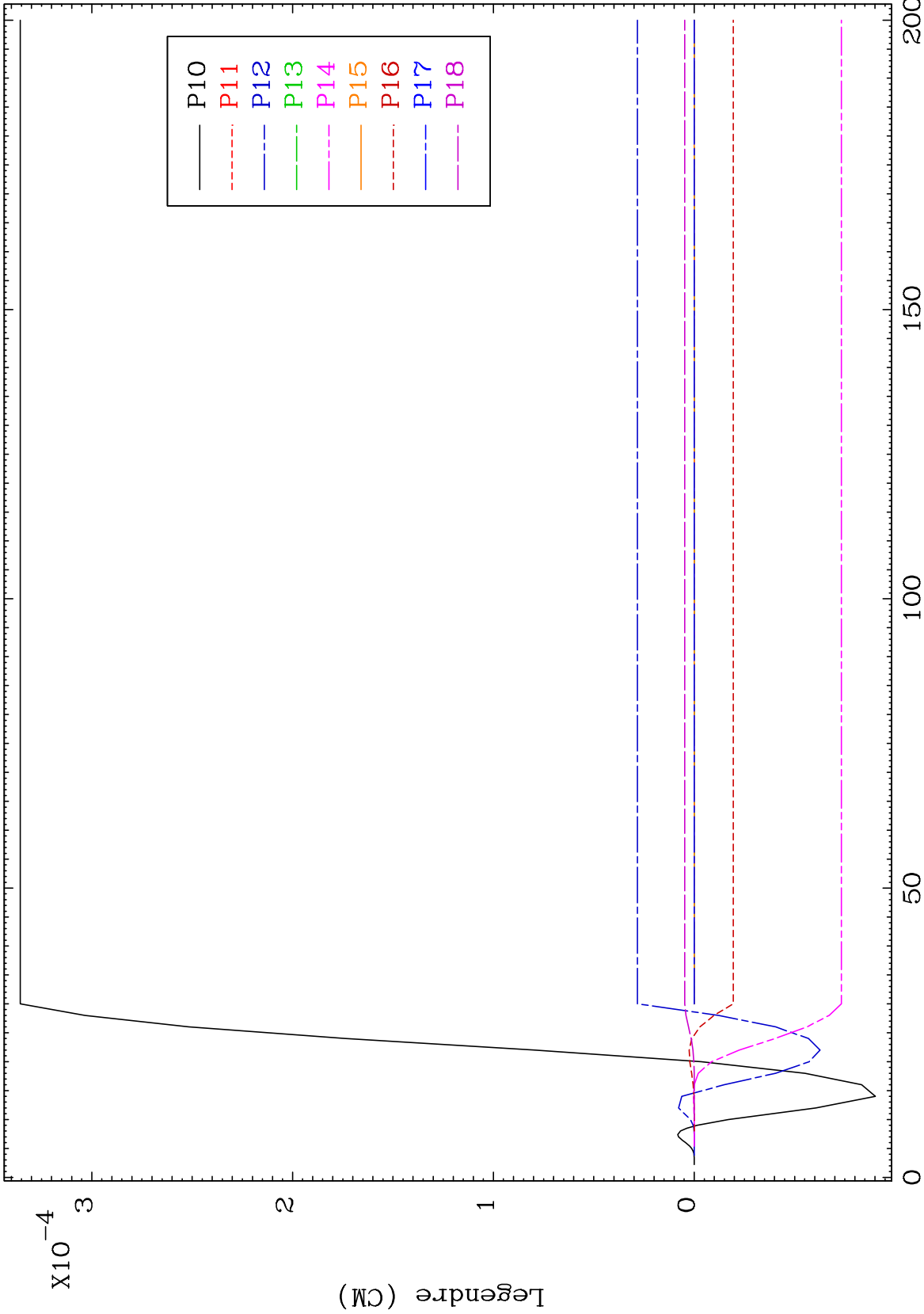


76 Incident Energy (MeV) 67-Ho-150

MAT 6680

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

67-Ho-150

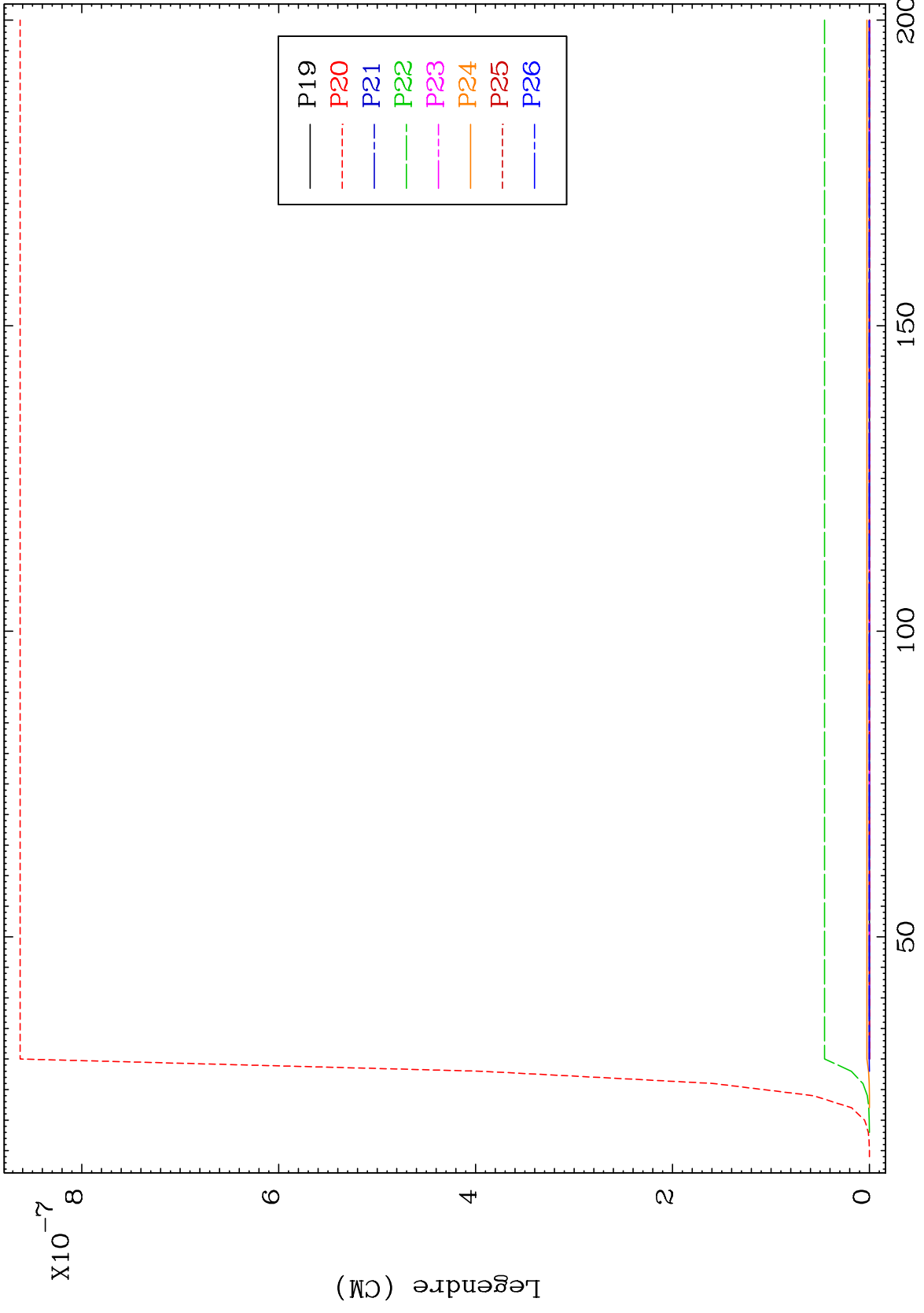


77

Incident Energy (MeV)

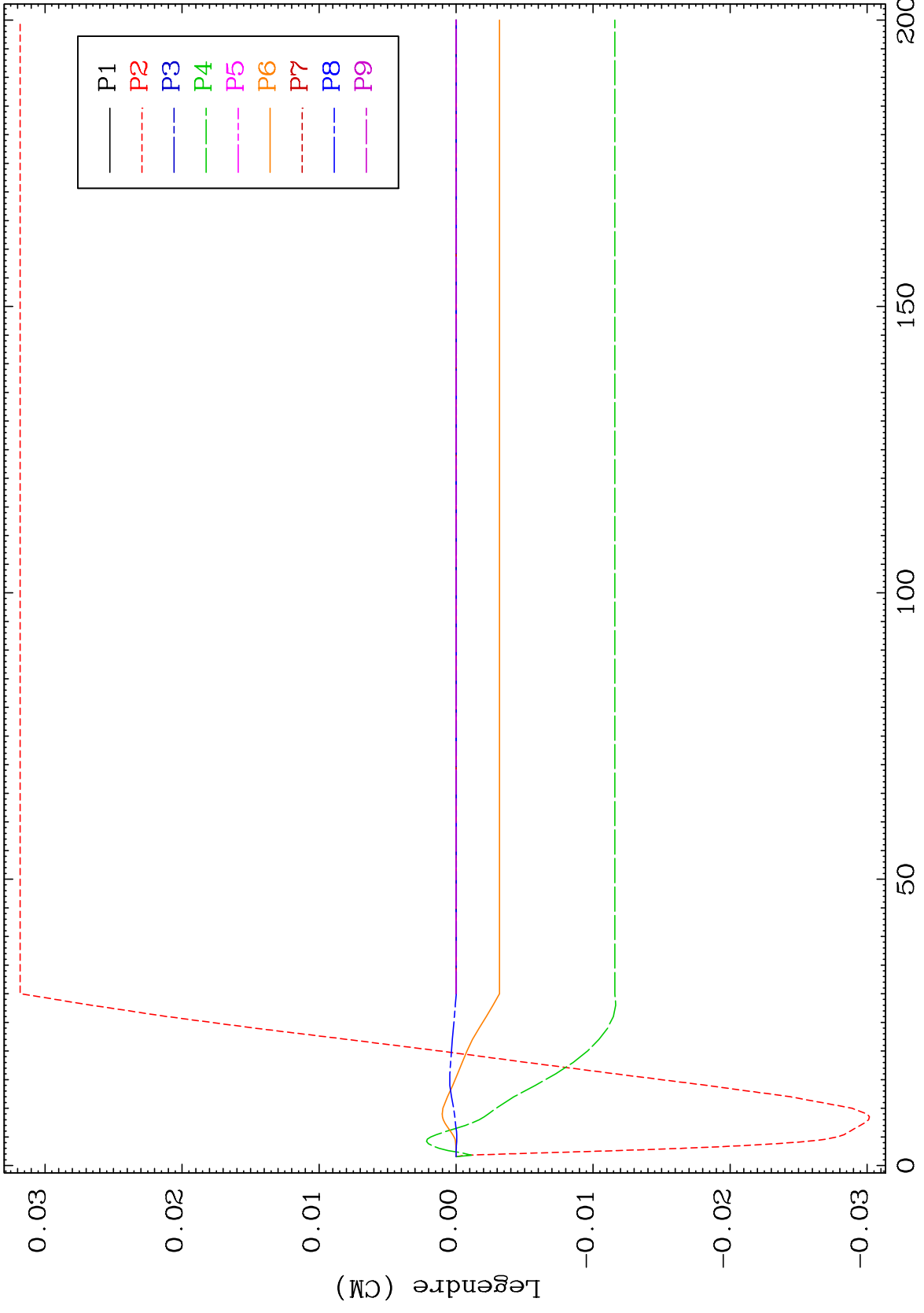
67-Ho-150

MAT 6680 MT= 68 (n,n') Level Legendre Coefficients 67-Ho-150



78 67-Ho-150

MAT 6680 MT= 69 (n,n') Level Legendre Coefficients 67-Ho-150



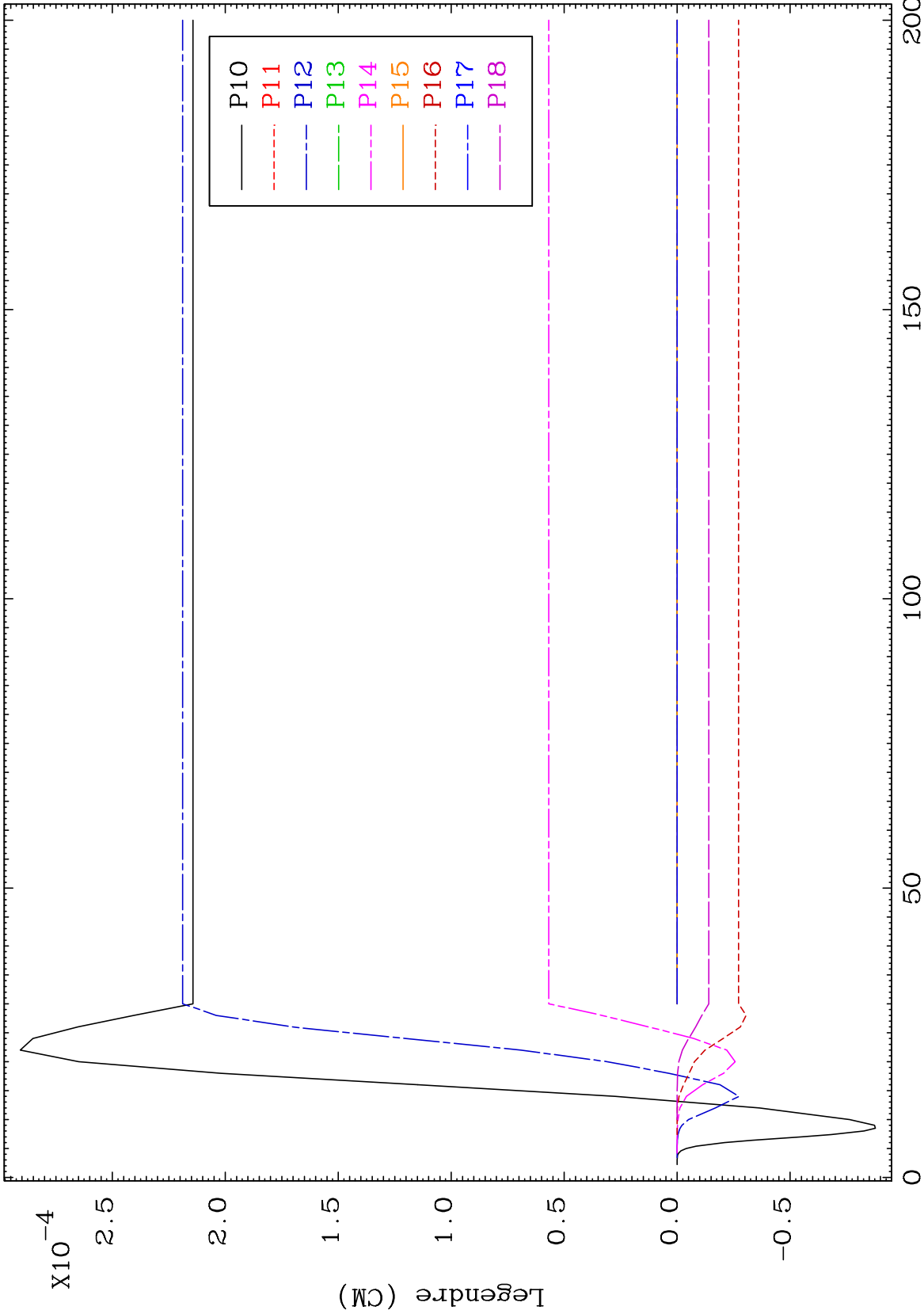
79 Incident Energy (MeV) 67-Ho-150



MAT 6680

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

67-Ho-150

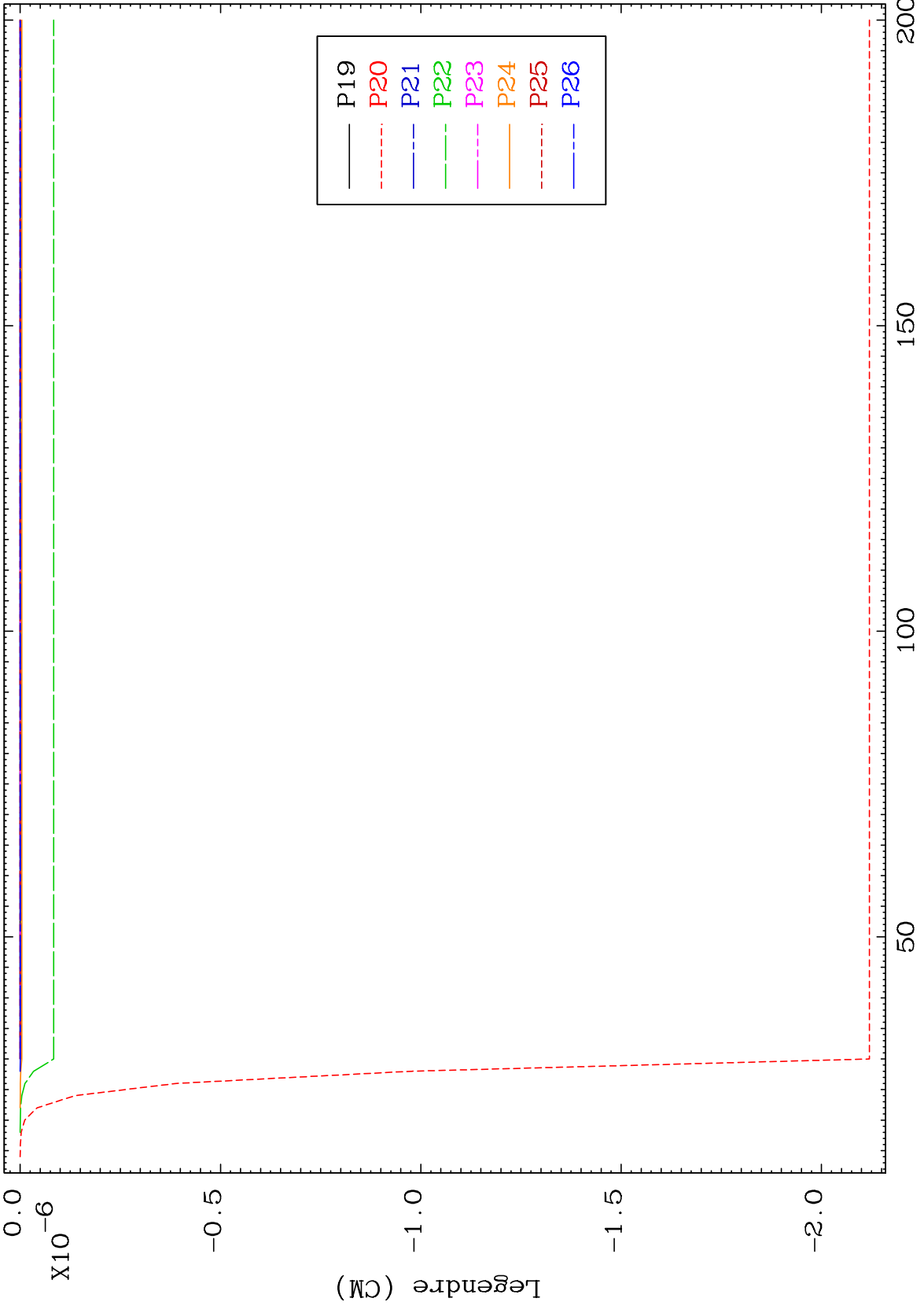


80

Incident Energy (MeV)

67-Ho-150

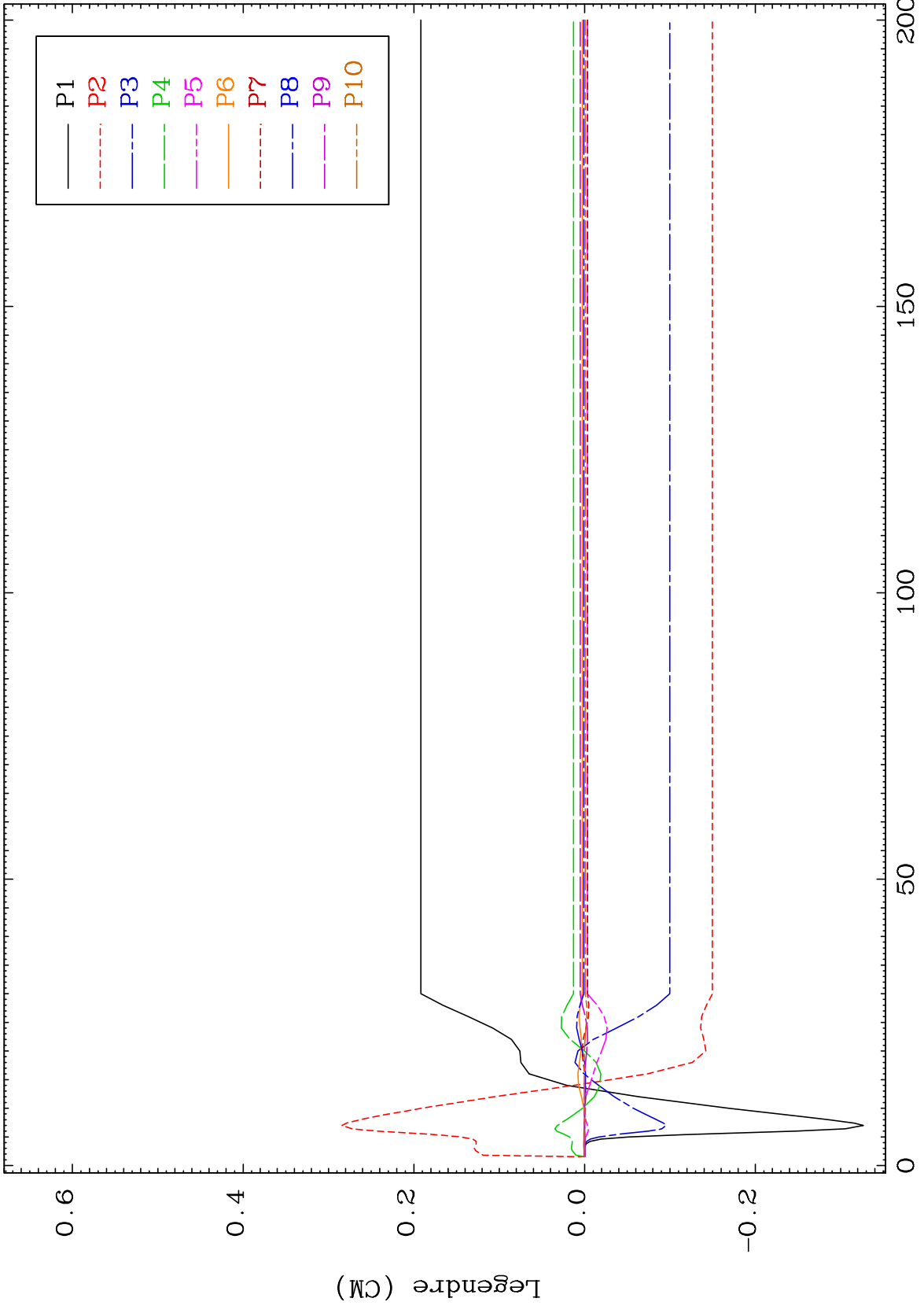
MAT 6680 MT= 69 (n,n') Level Legendre Coefficients 67-Ho-150



MAT 6680

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

67-Ho-150

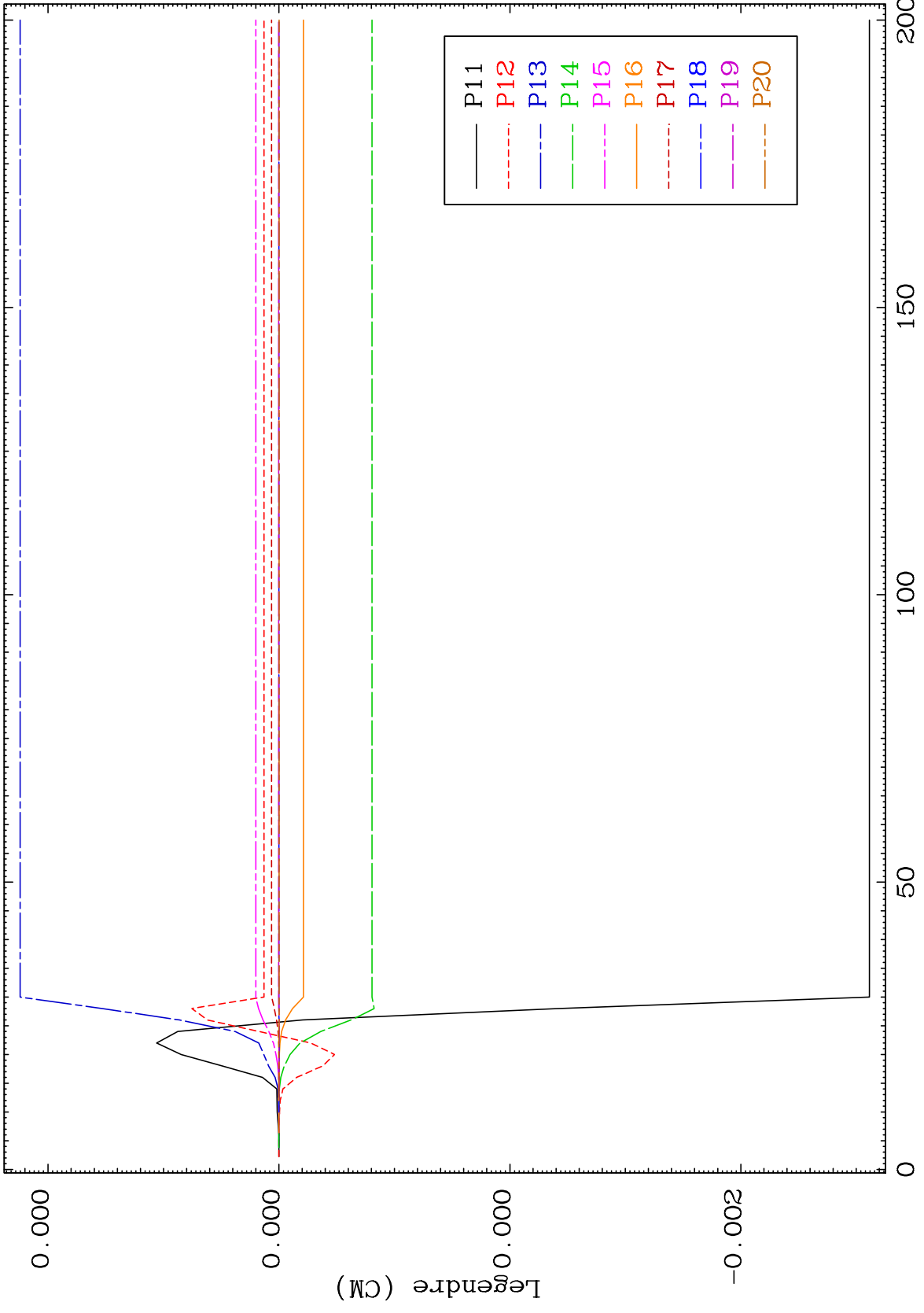


82

Incident Energy (MeV)

67-Ho-150

MAT 6680 MT= 70 (n,n') Level Legendre Coefficients 67-Ho-150

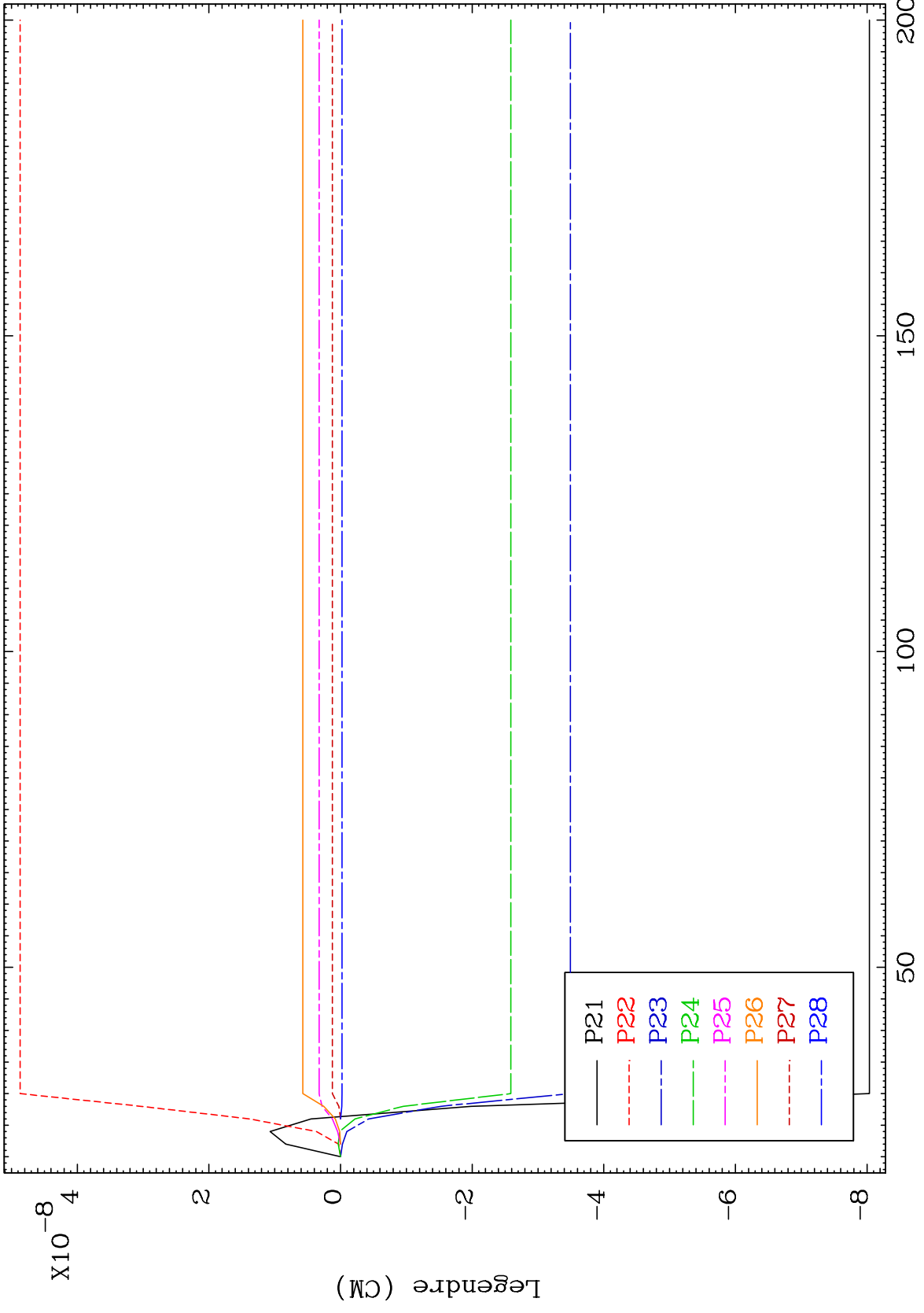


83 67-Ho-150

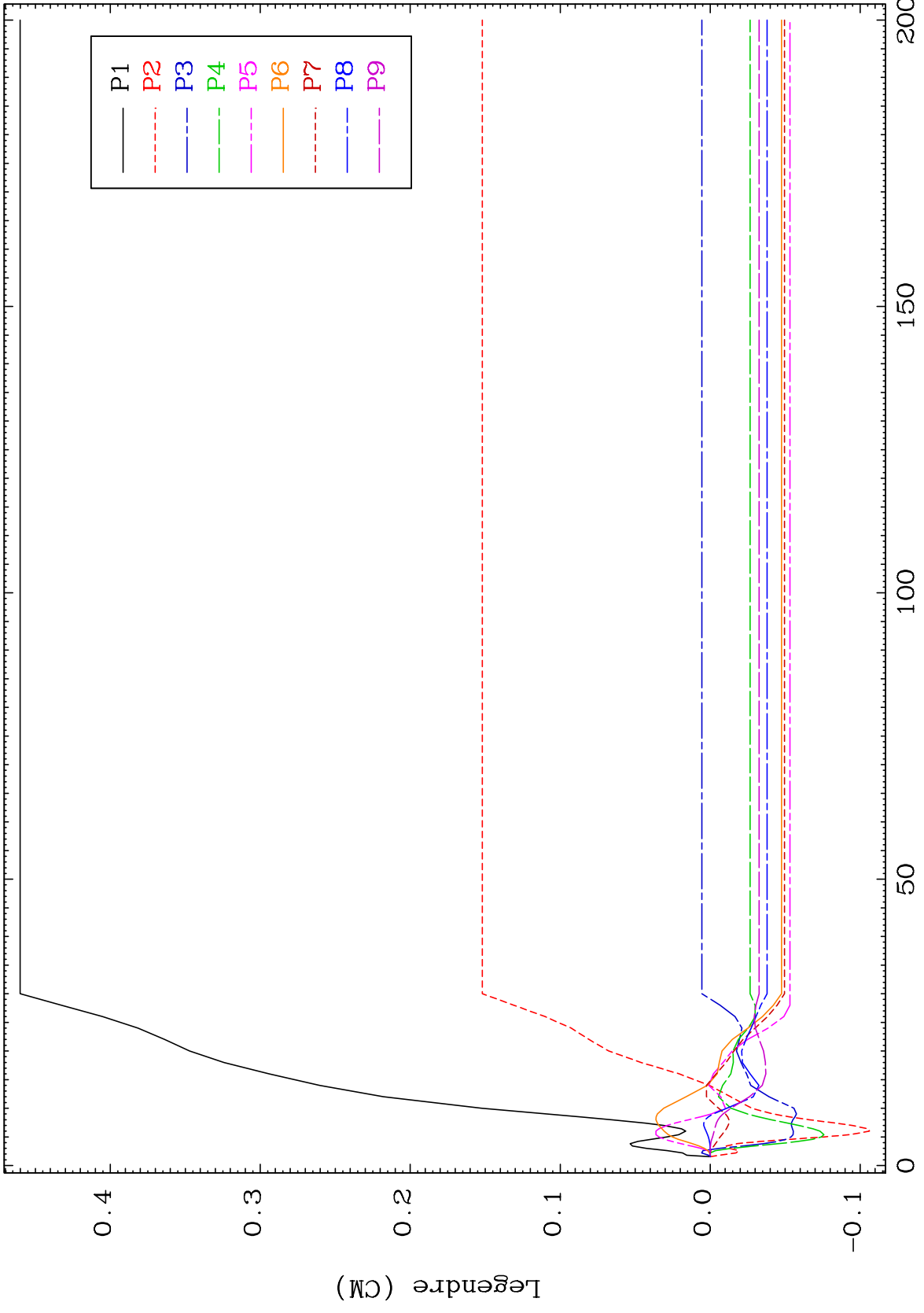
MAT 6680 MT= 70 (n,n') Level Legendre Coefficients

67-Ho-150

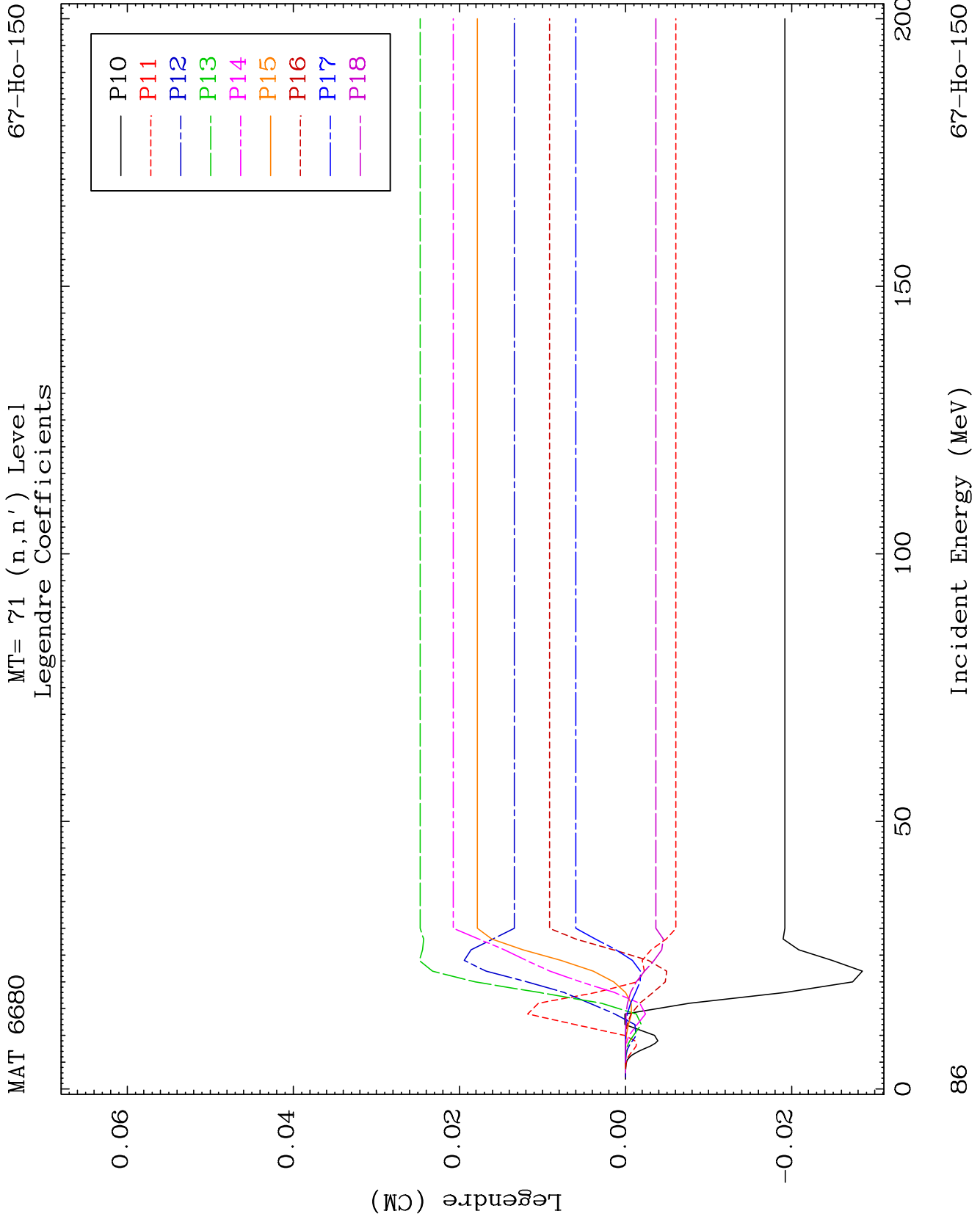
67-Ho-150



MAT 6680 MT= 71 (n,n') Level Legendre Coefficients 67-Ho-150



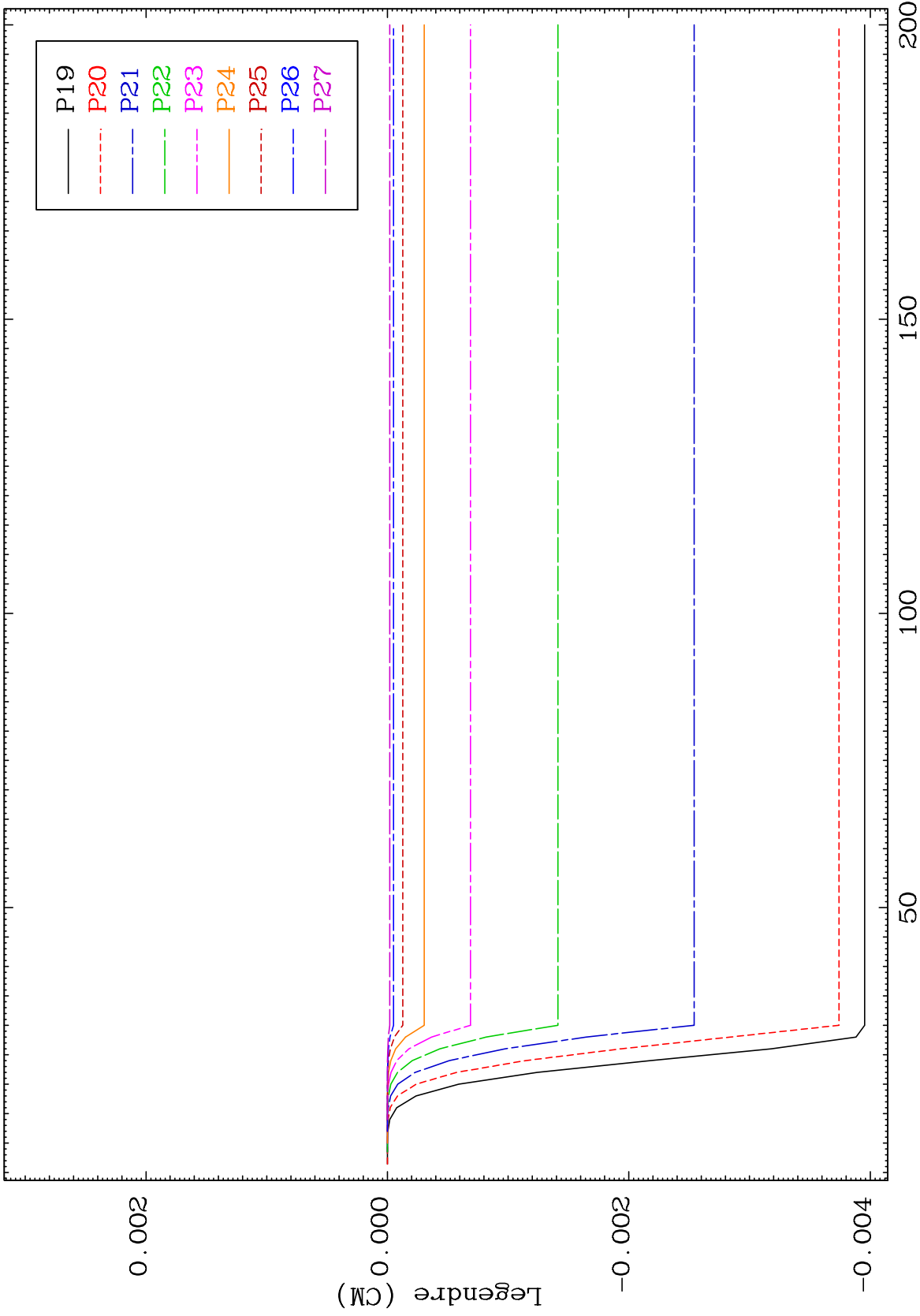
85 Incident Energy (MeV) 67-Ho-150



MAT 6680

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

67-Ho-150



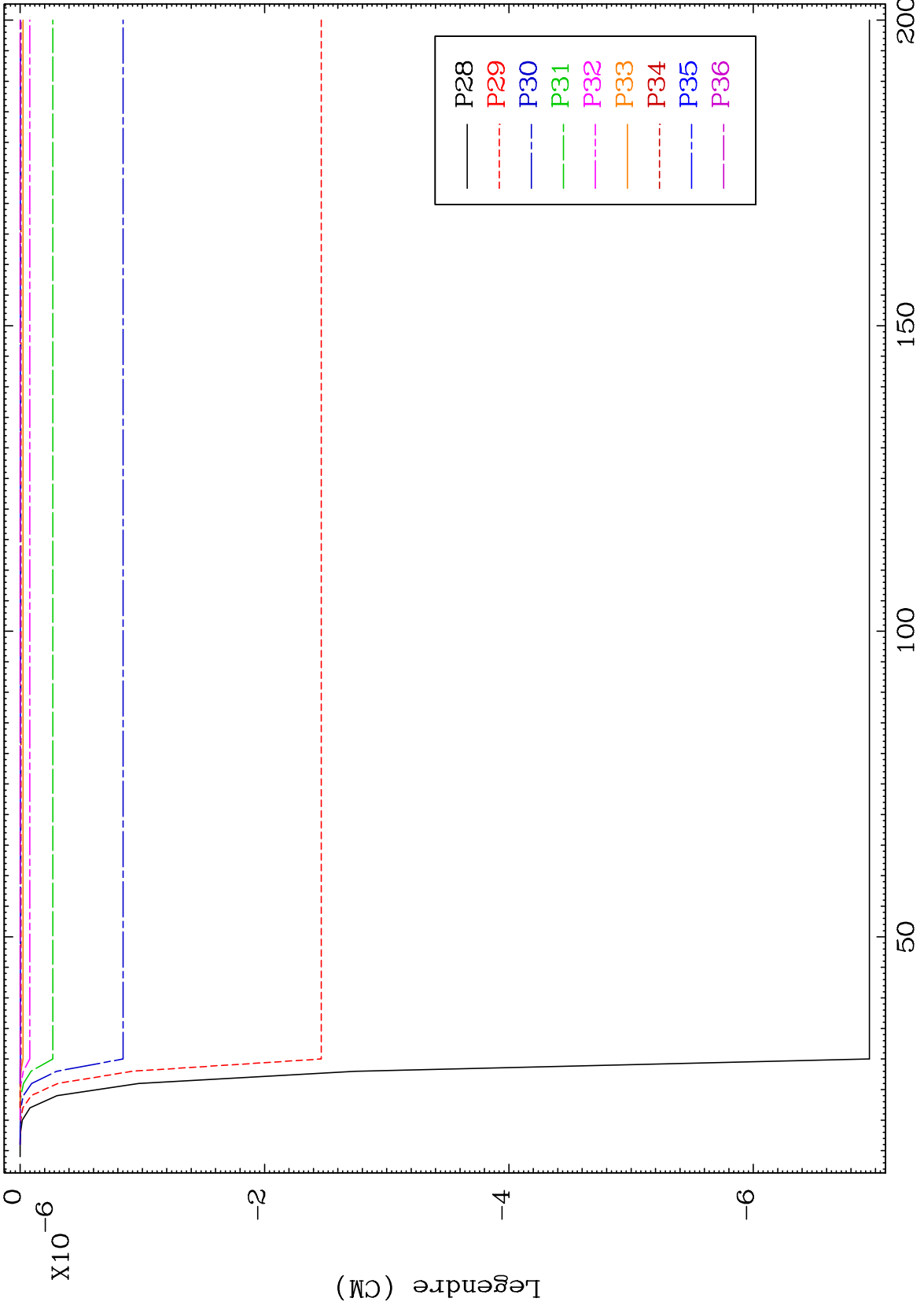
87

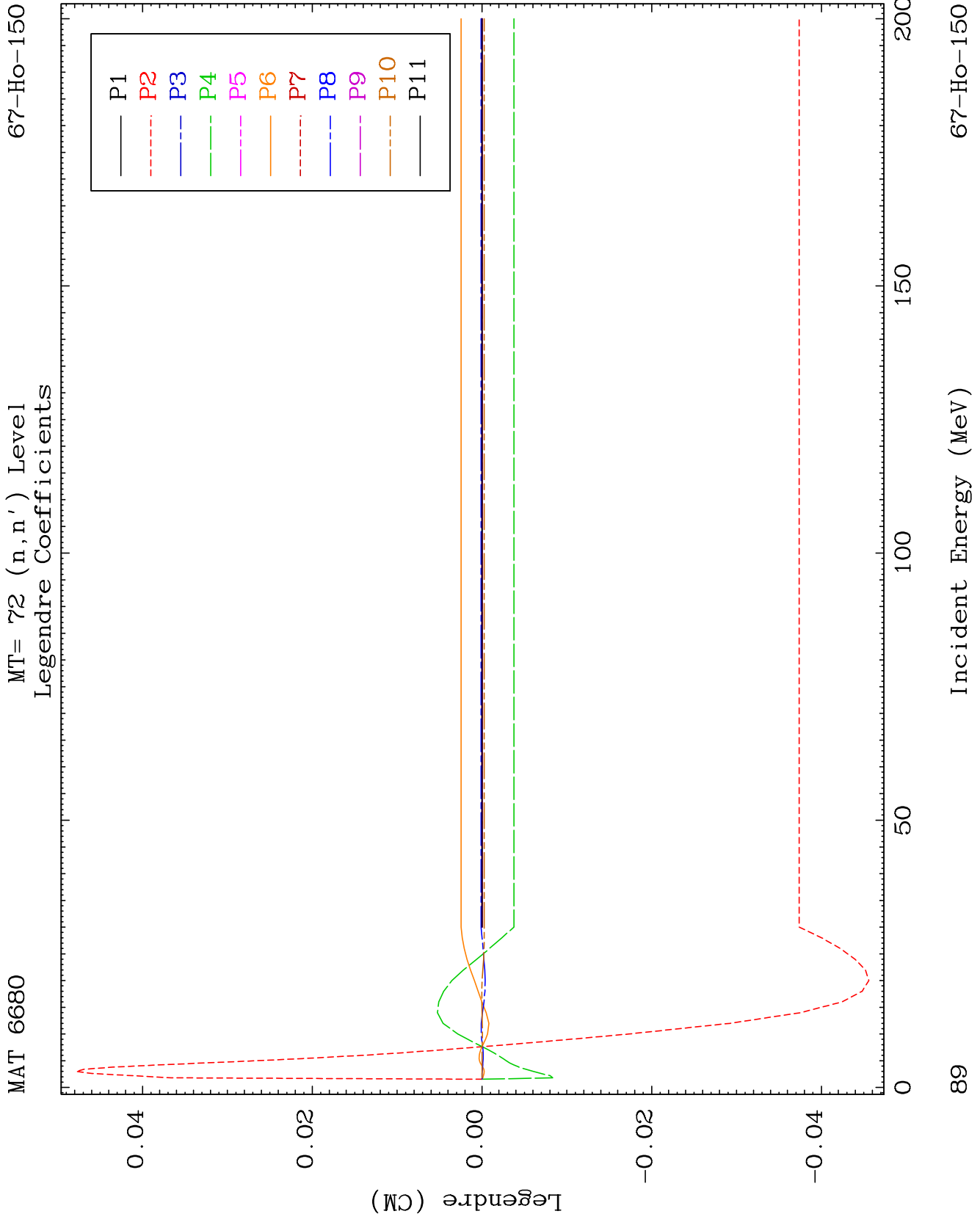
Incident Energy (MeV)

67-Ho-150



MAT 6680 MT= 71 (n,n') Level Legendre Coefficients 67-Ho-150

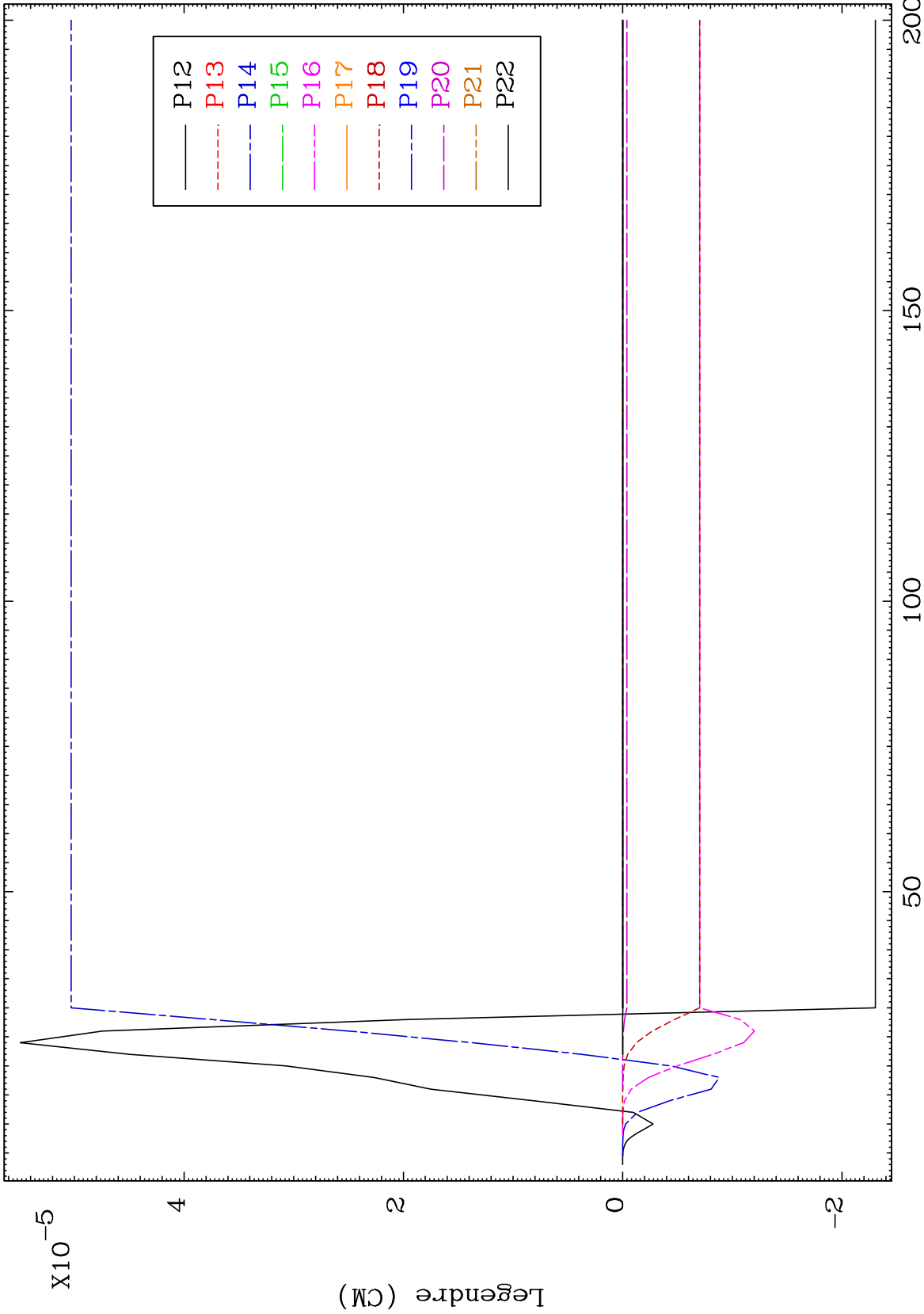




MAT 6680

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

67-Ho-150

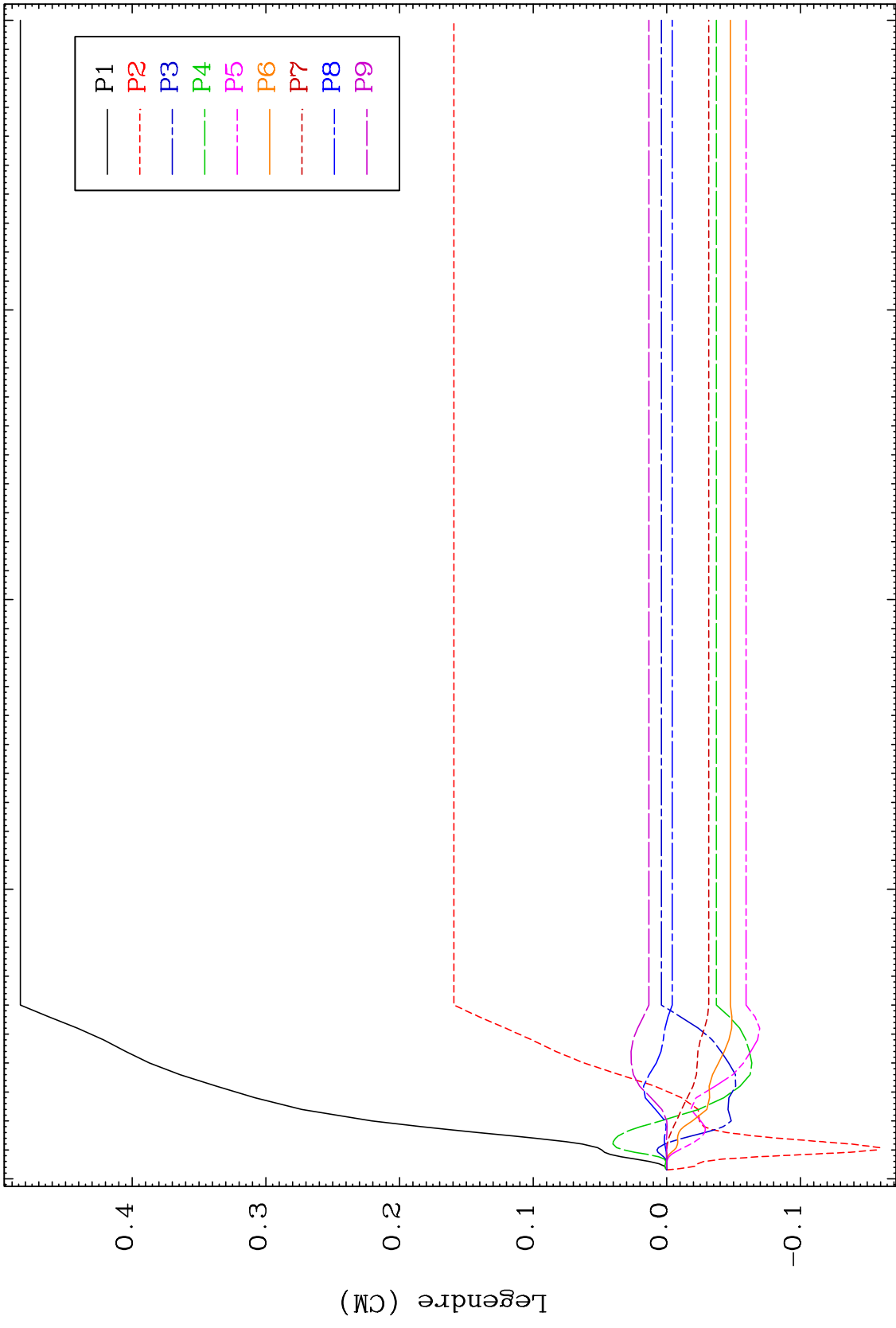


90

Incident Energy (MeV)

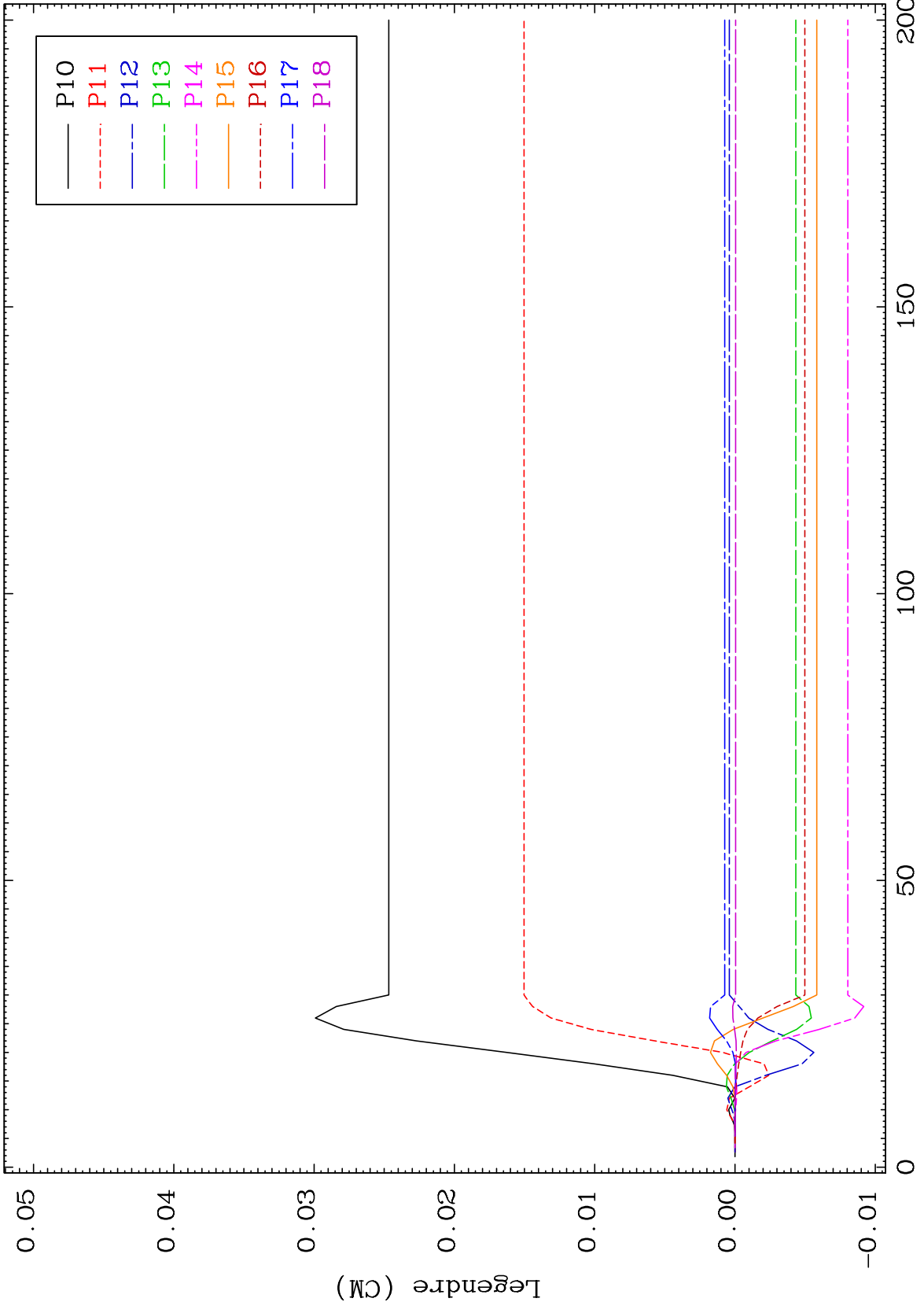
67-Ho-150

MAT 6680 MT= 73 (n,n') Level Legendre Coefficients 67-Ho-150



91 67-Ho-150

MAT 6680 MT= 73 (n,n') Level Legendre Coefficients 67-Ho-150

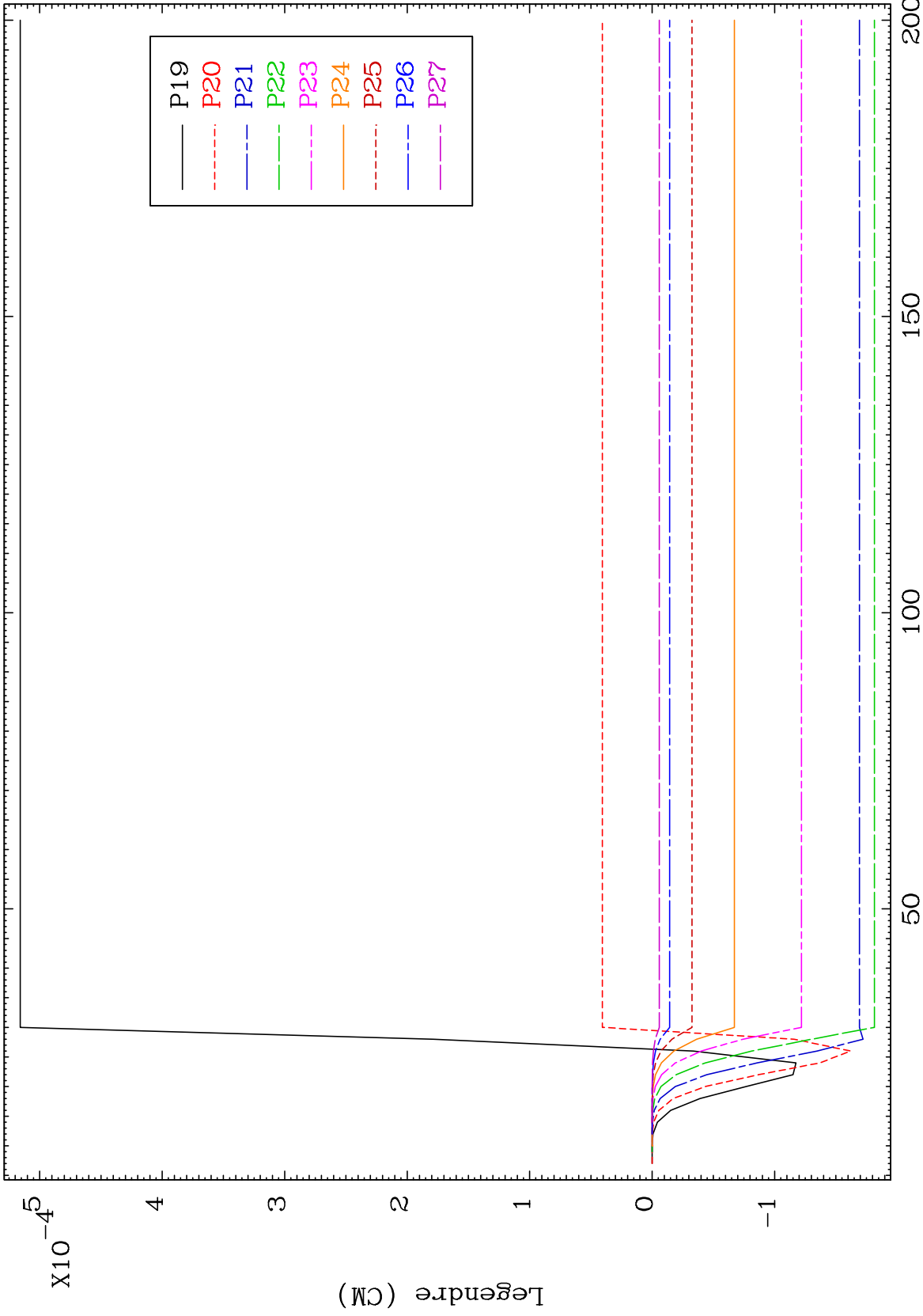


92 67-Ho-150

MAT 6680

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

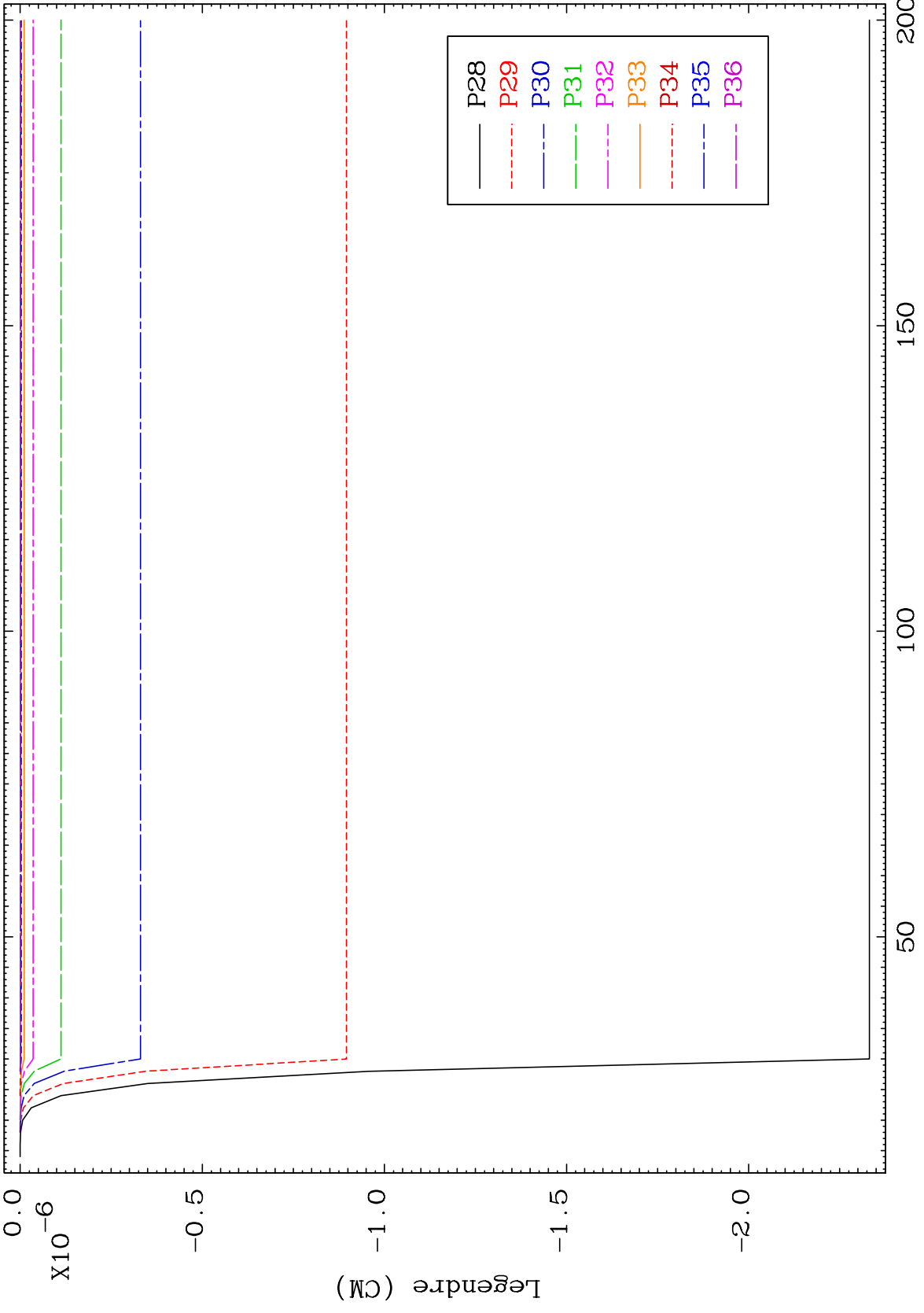
67-Ho-150



93

67-Ho-150

MAT 6680 MT= 73 (n,n') Level Legendre Coefficients 67-Ho-150



94 67-Ho-150

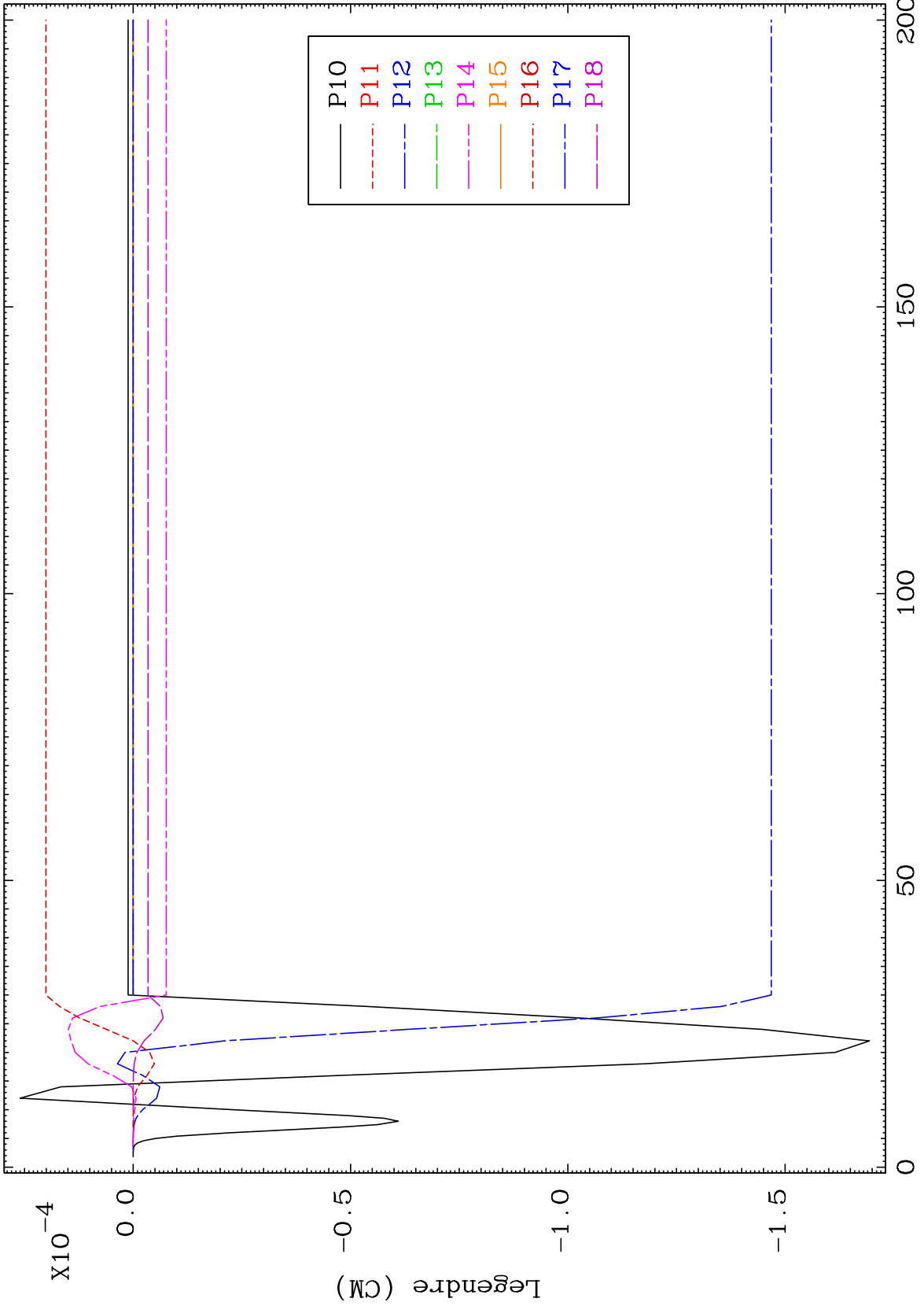




MAT 6680

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

67-Ho-150



96

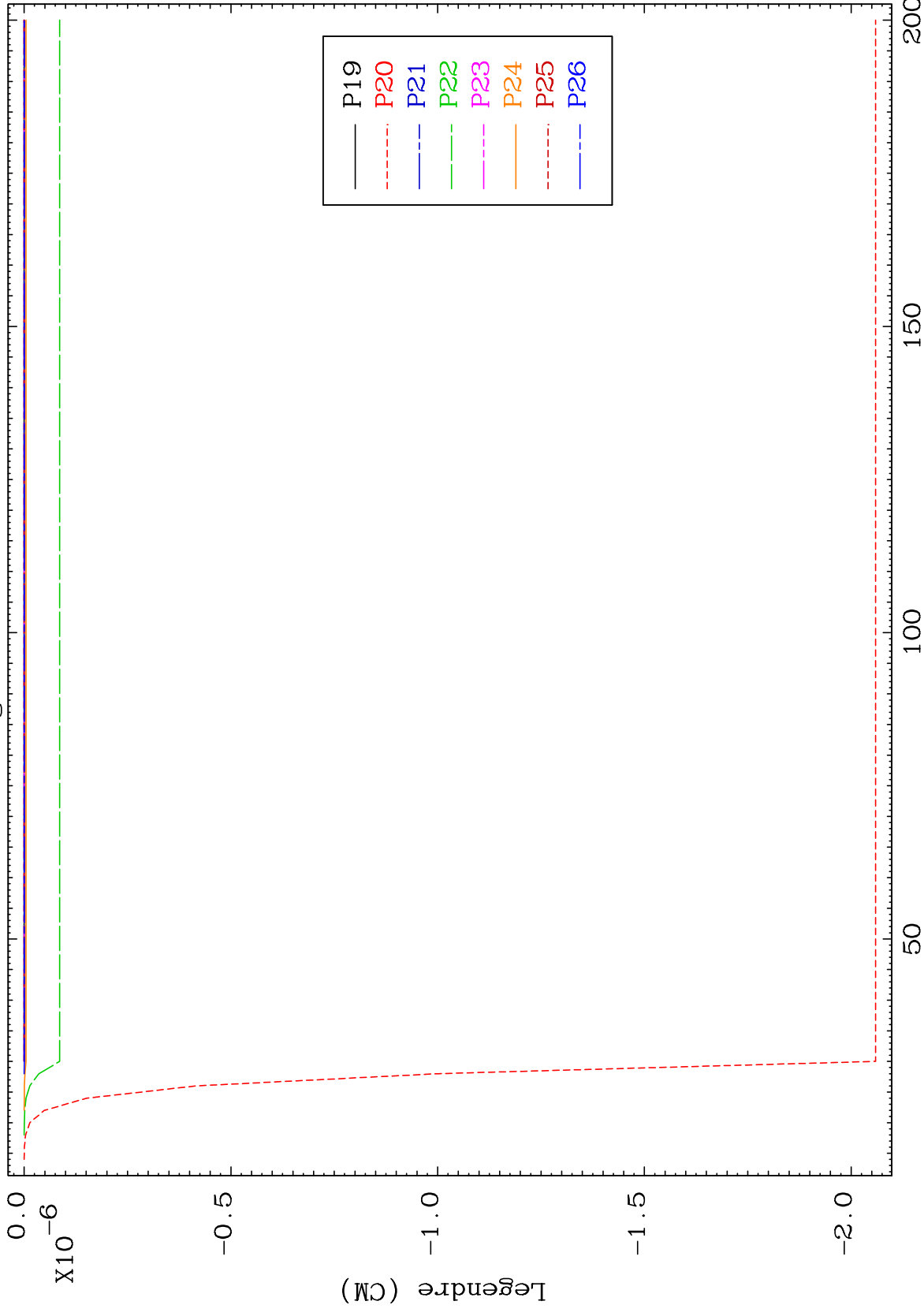
Incident Energy (MeV)

67-Ho-150

MAT 6680

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

67-Ho-150

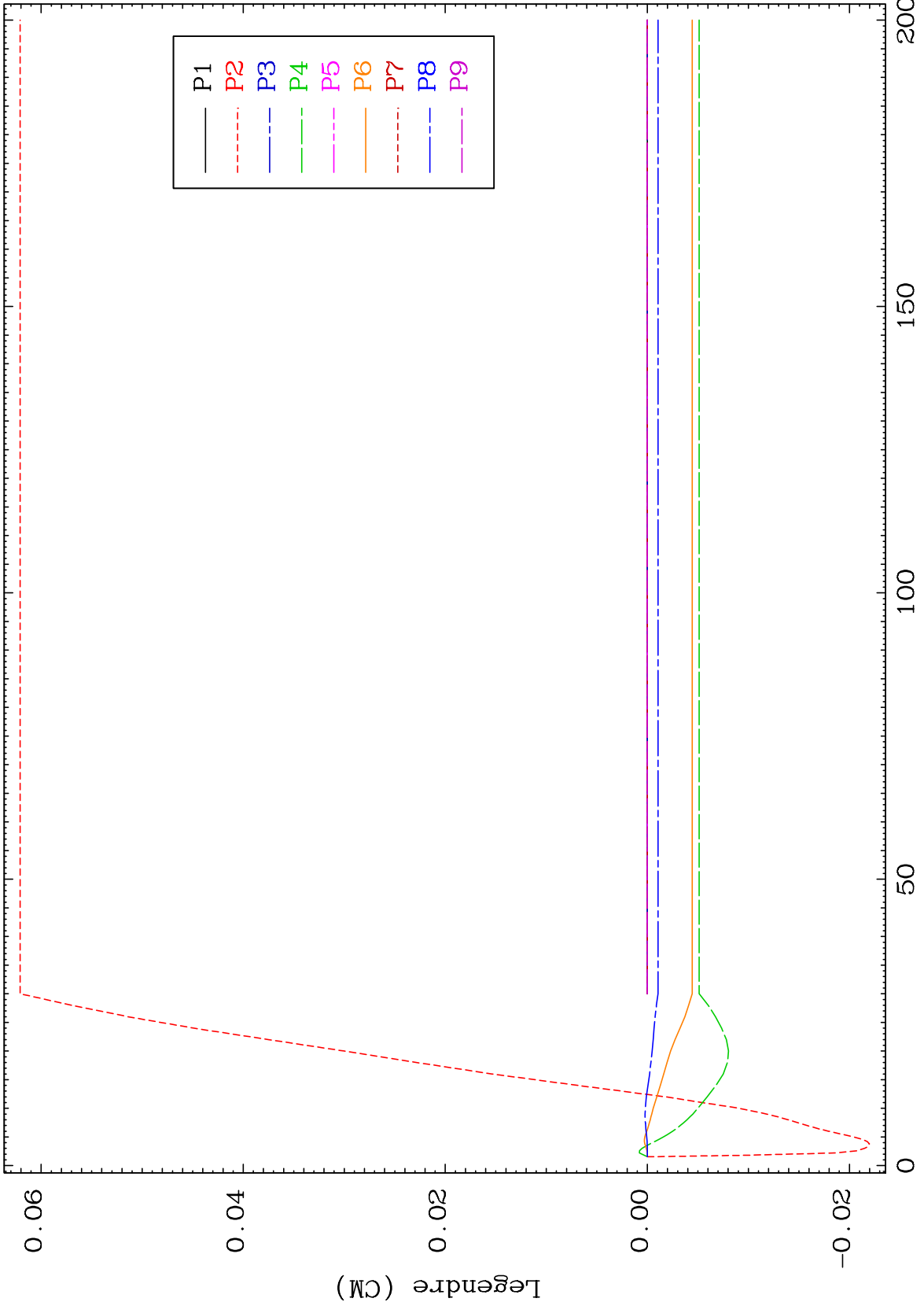


67-Ho-150

Incident Energy (MeV)

97

MAT 6680 MT= 75 (n,n') Level Legendre Coefficients 67-Ho-150

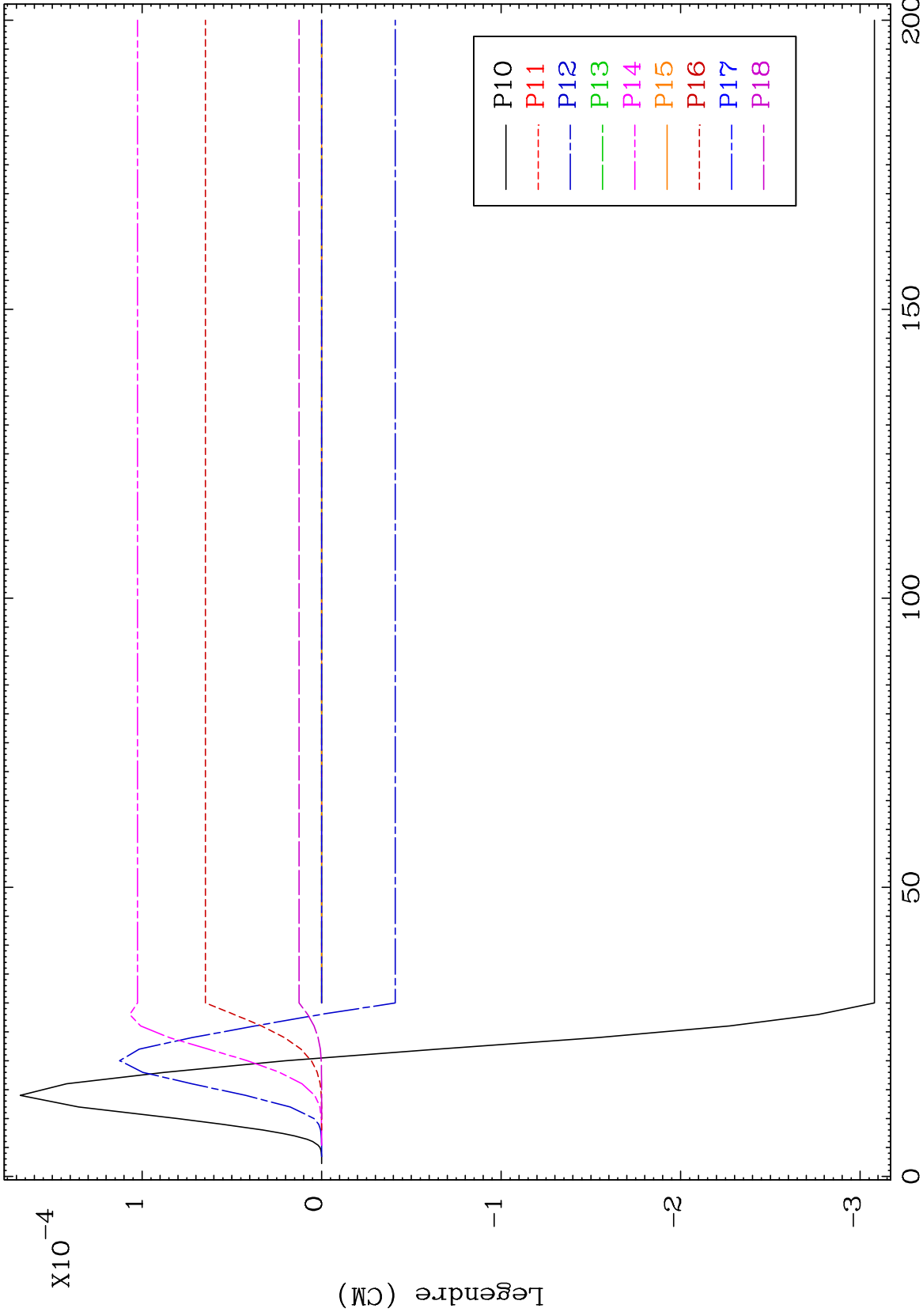


98 Incident Energy (MeV) 67-Ho-150

MAT 6680

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

67-Ho-150

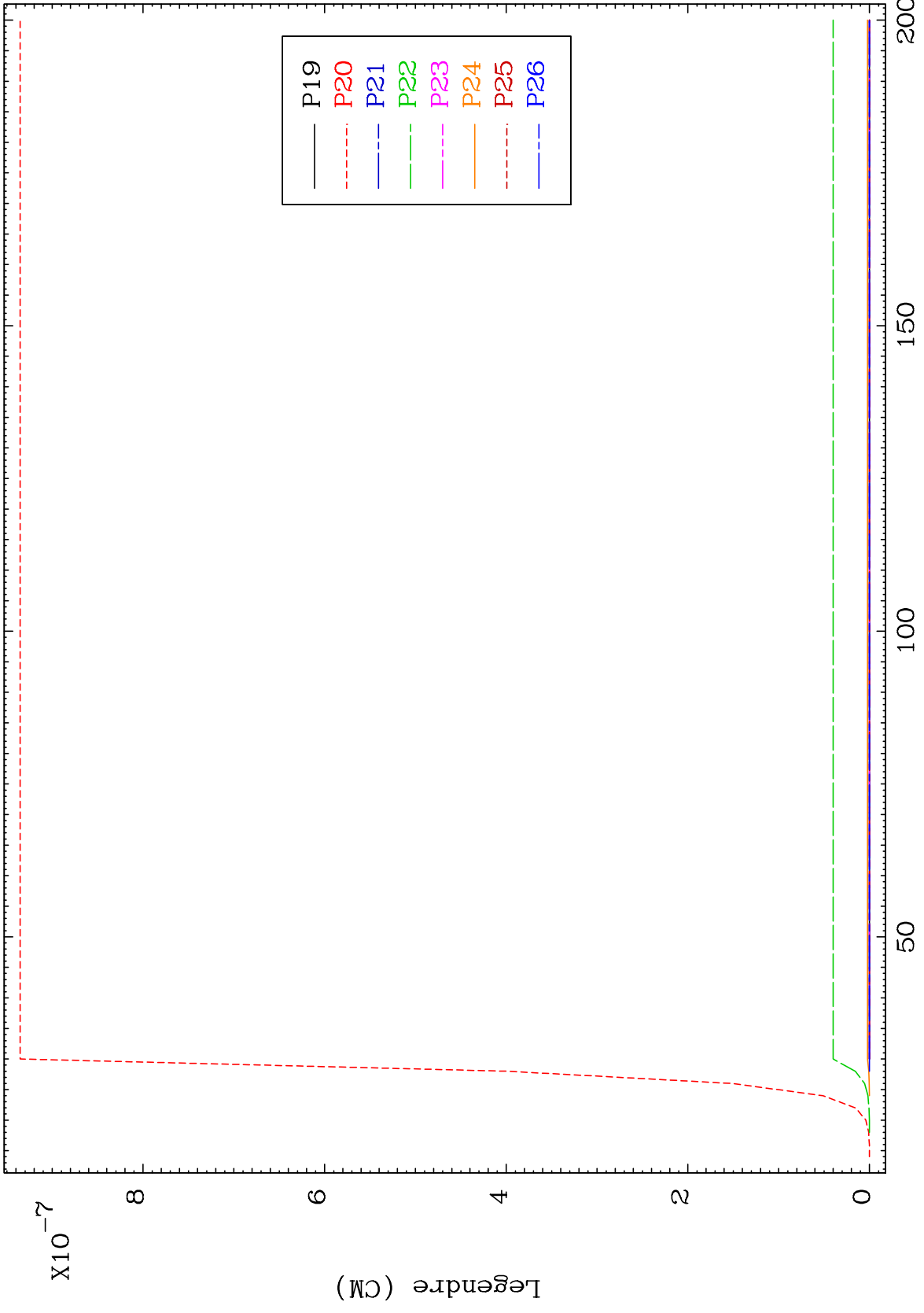


99

Incident Energy (MeV)

67-Ho-150

MAT 6680 MT= 75 (n,n') Level Legendre Coefficients 67-Ho-150

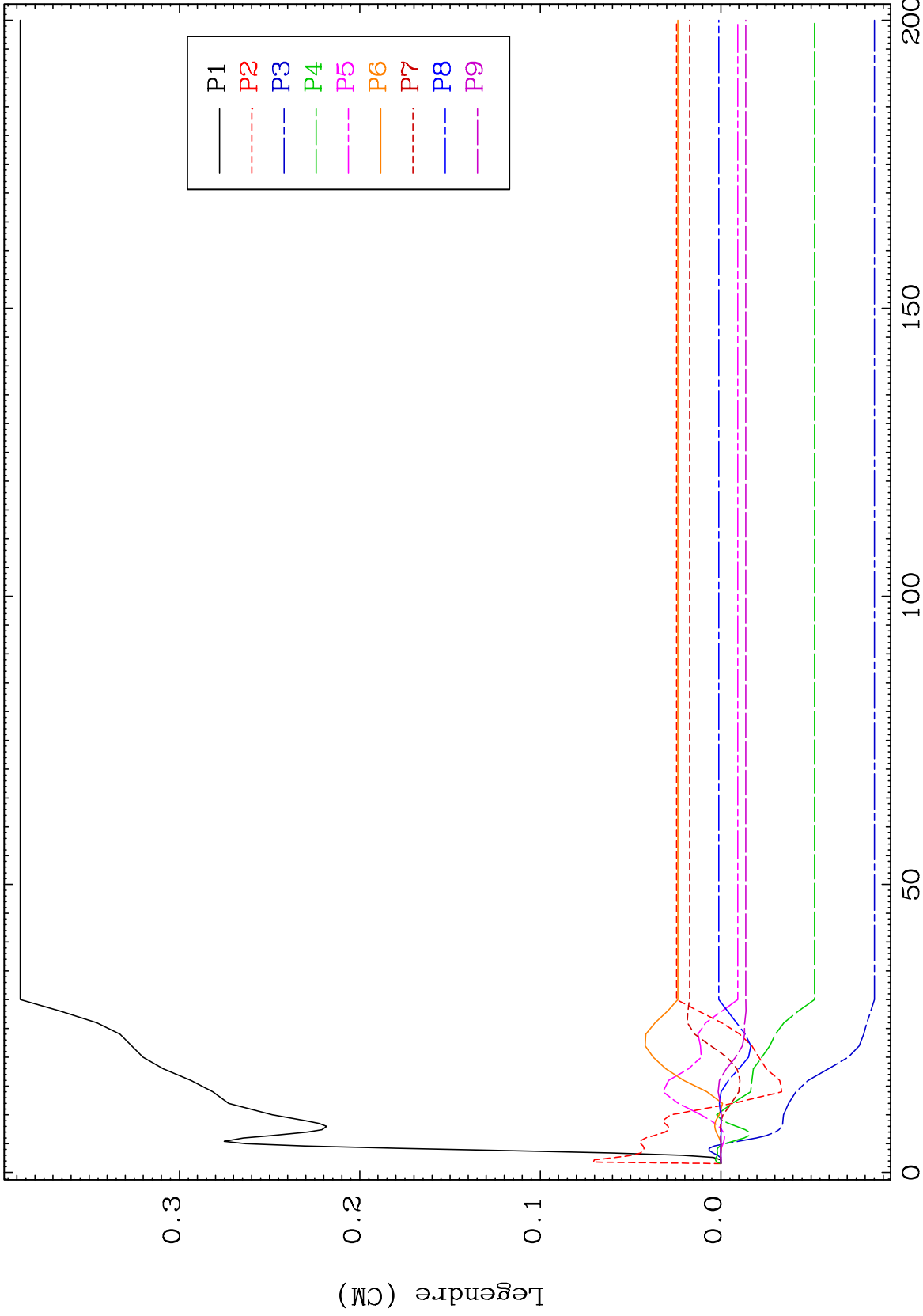


67-Ho-150

MAT 6680

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

67-Ho-150



101

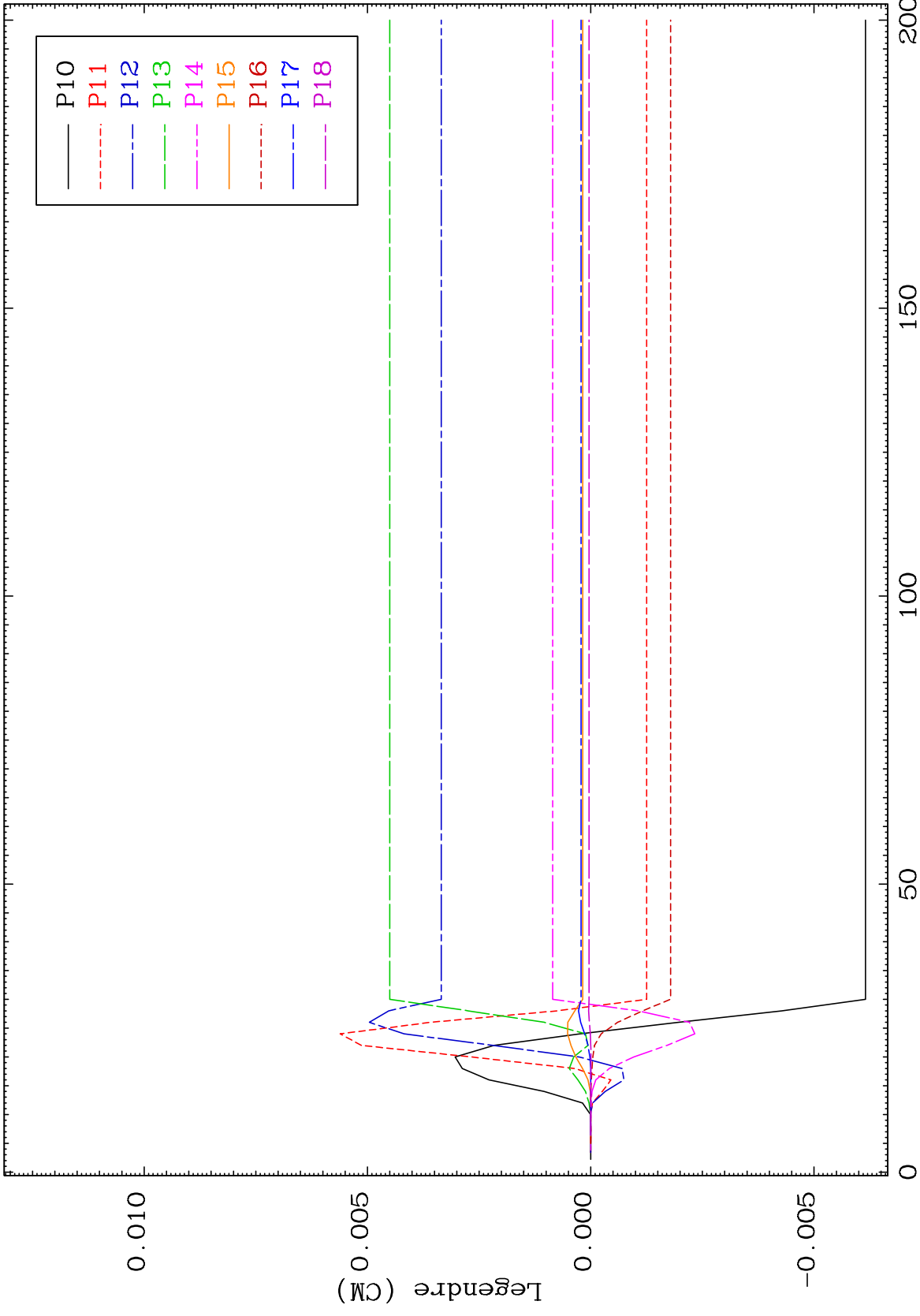
Incident Energy (MeV)

67-Ho-150

MAT 6680

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

67-Ho-150



102

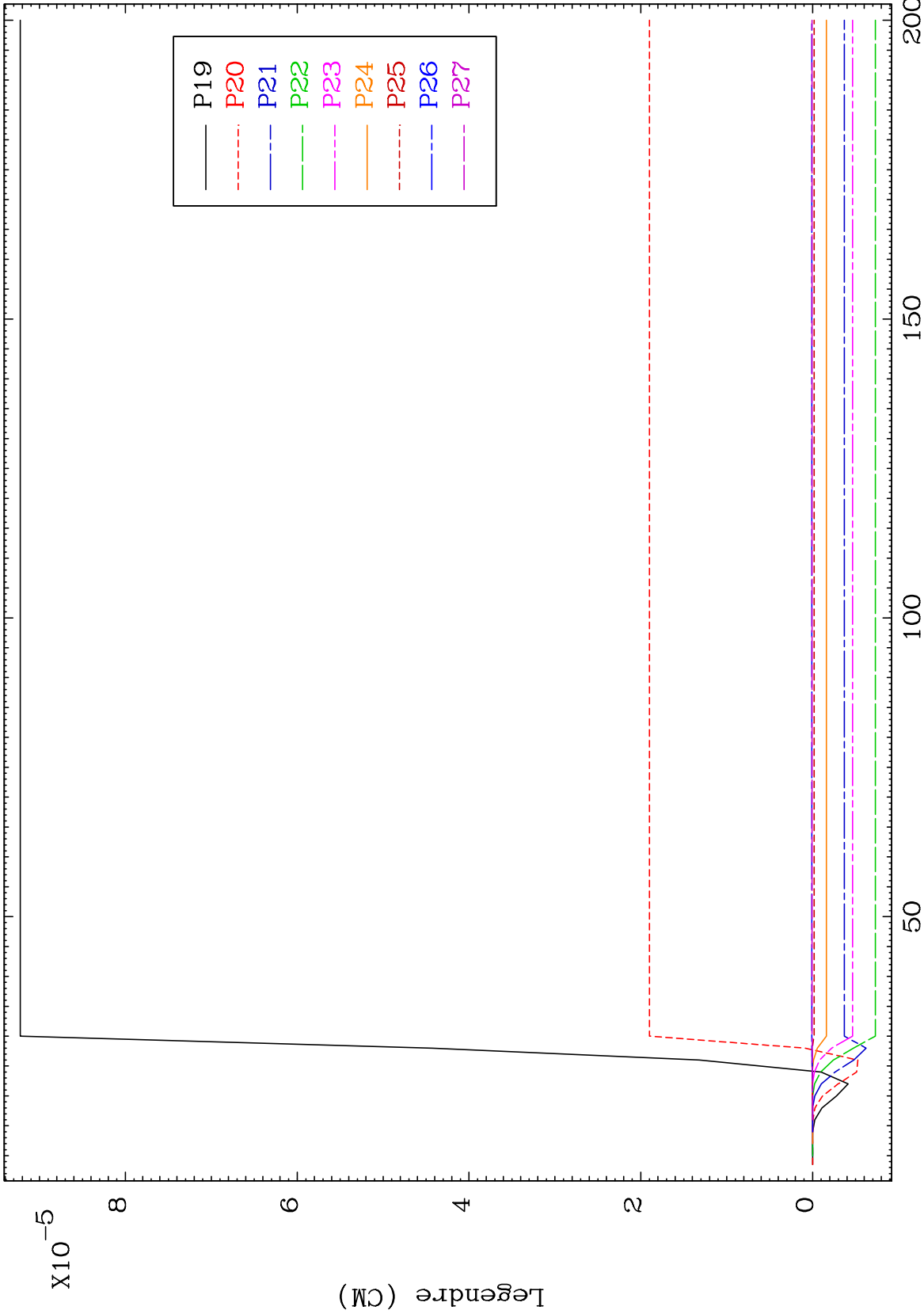
Incident Energy (MeV)

67-Ho-150

MAT 6680

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

67-Ho-150



103

Incident Energy (MeV)

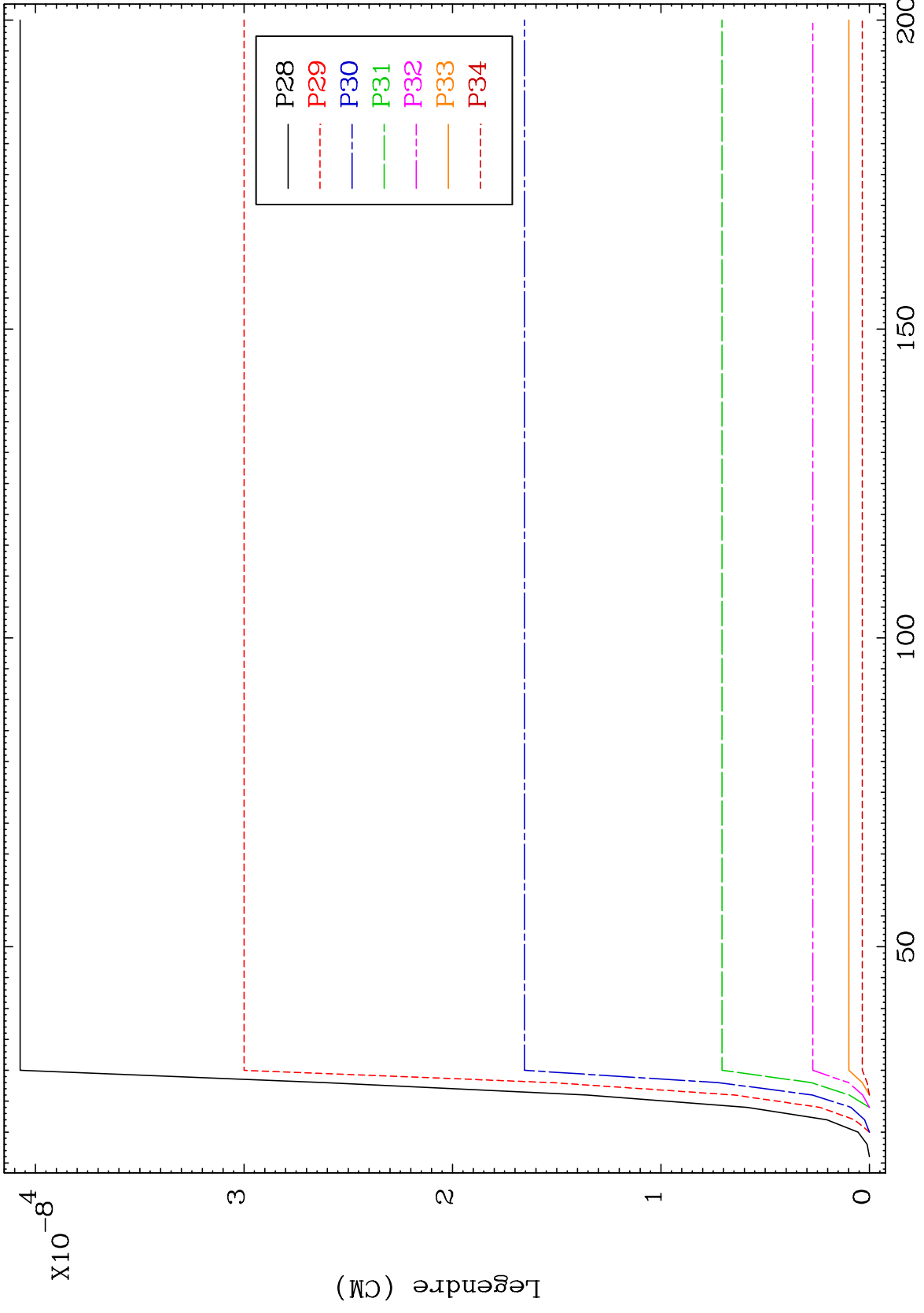
67-Ho-150



MAT 6680

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

67-Ho-150

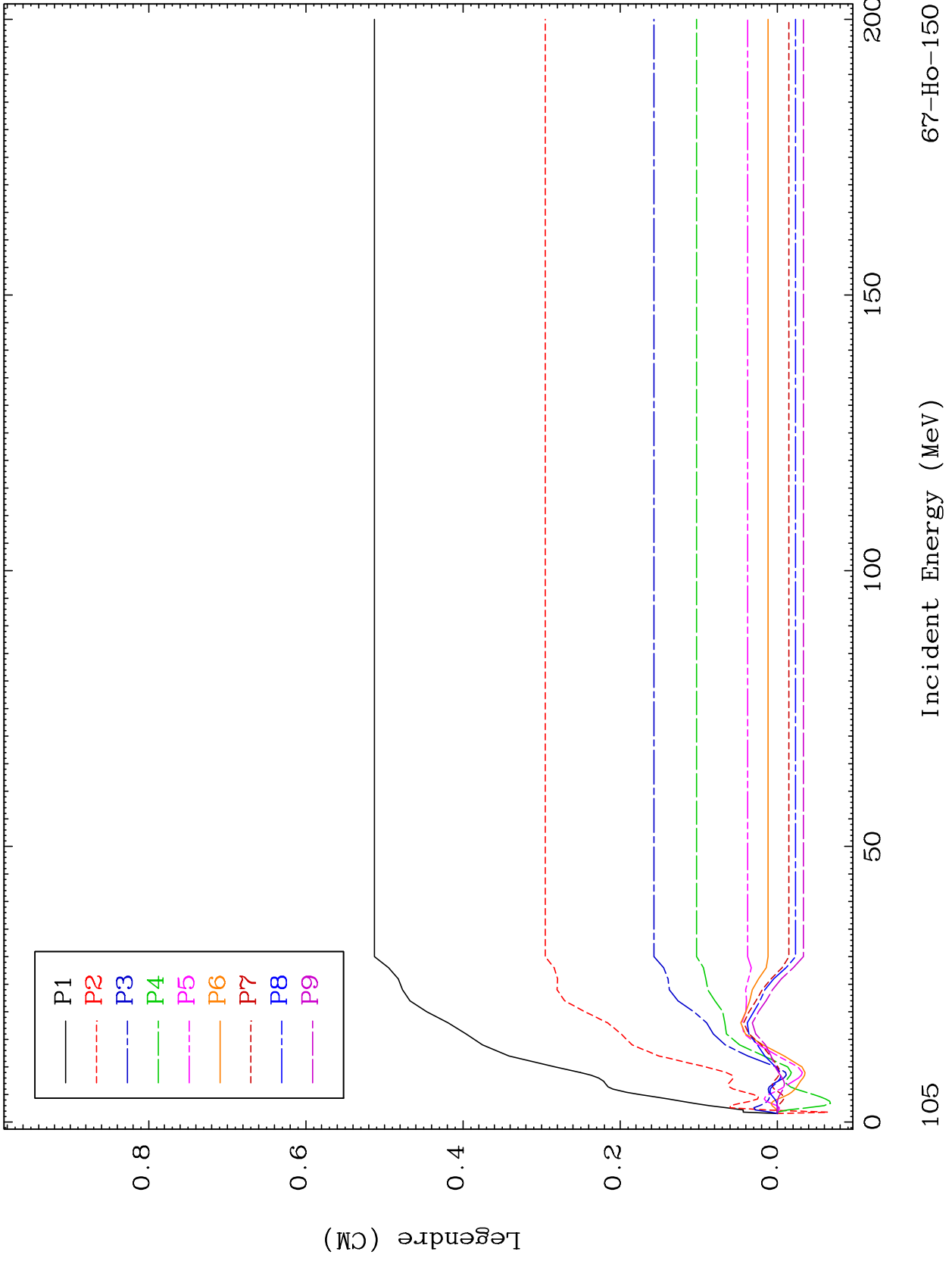


104

Incident Energy (MeV)

67-Ho-150

MAT 6680 MT= 77 (n,n') Level Legendre Coefficients 67-Ho-150



MAT 6680 MT= 77 (n,n') Level Legendre Coefficients 67-Ho-150

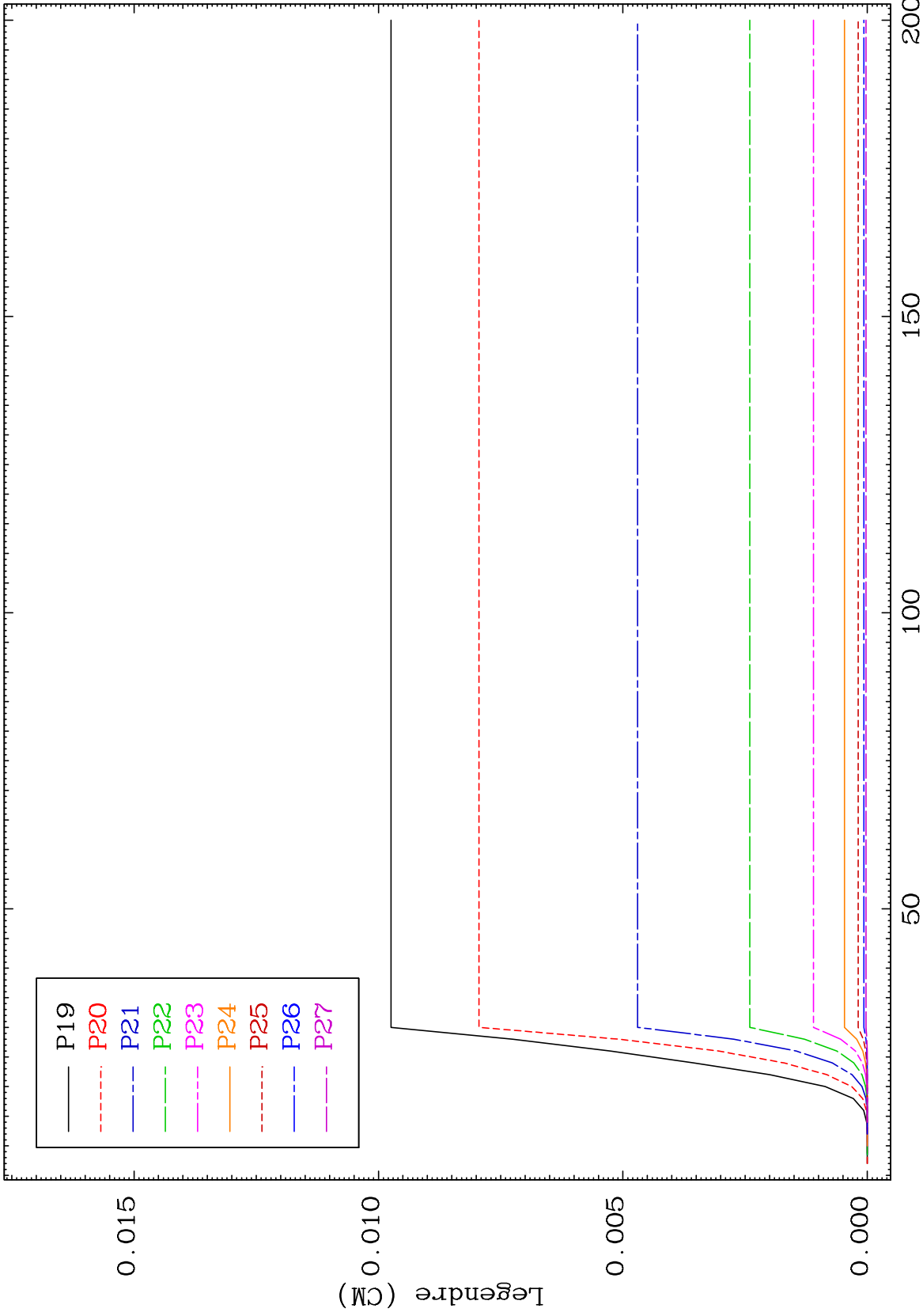


106 Incident Energy (MeV) 67-Ho-150

MAT 6680

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

67-Ho-150



107

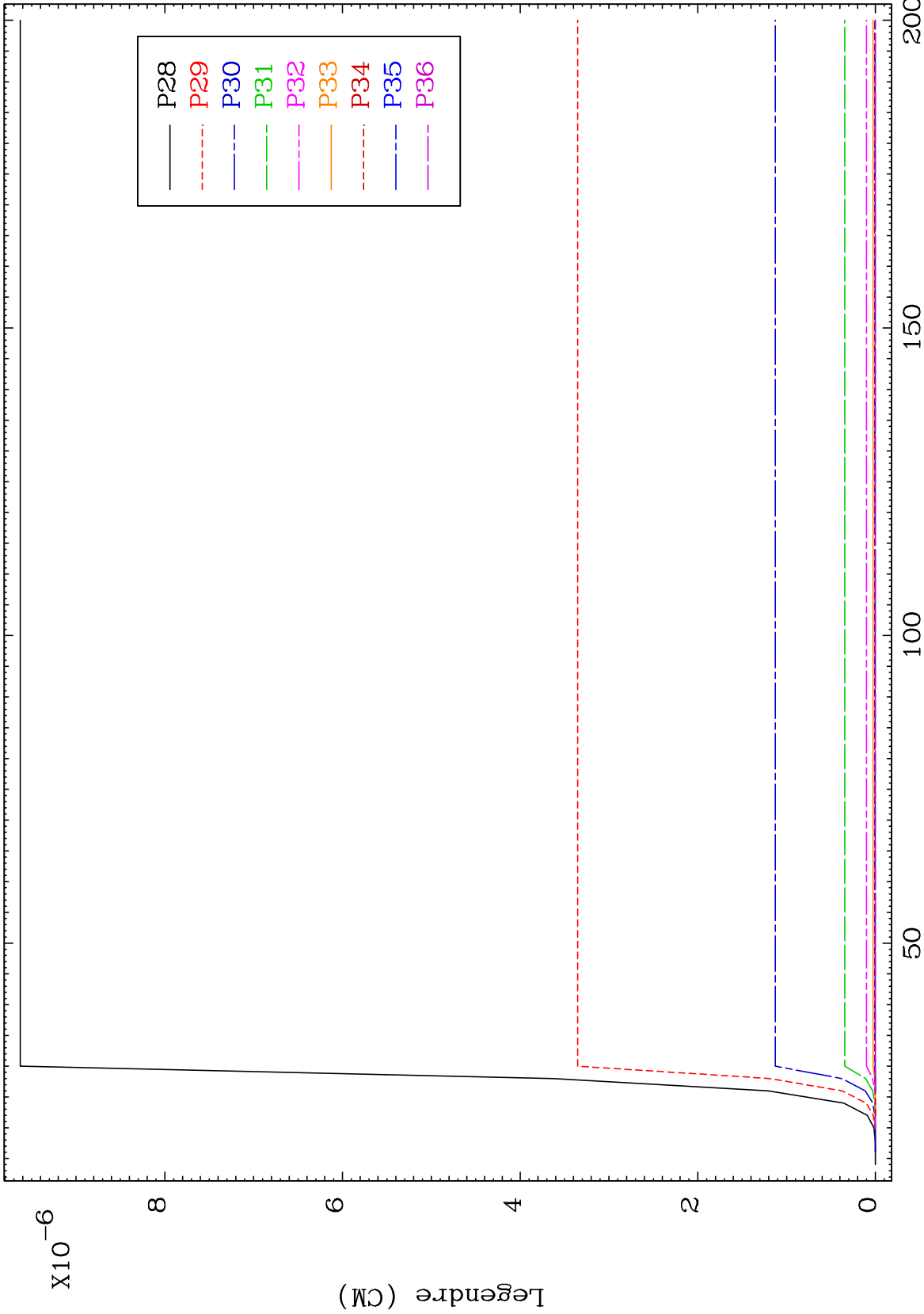
Incident Energy (MeV)

67-Ho-150

MAT 6680

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

67-Ho-150



108

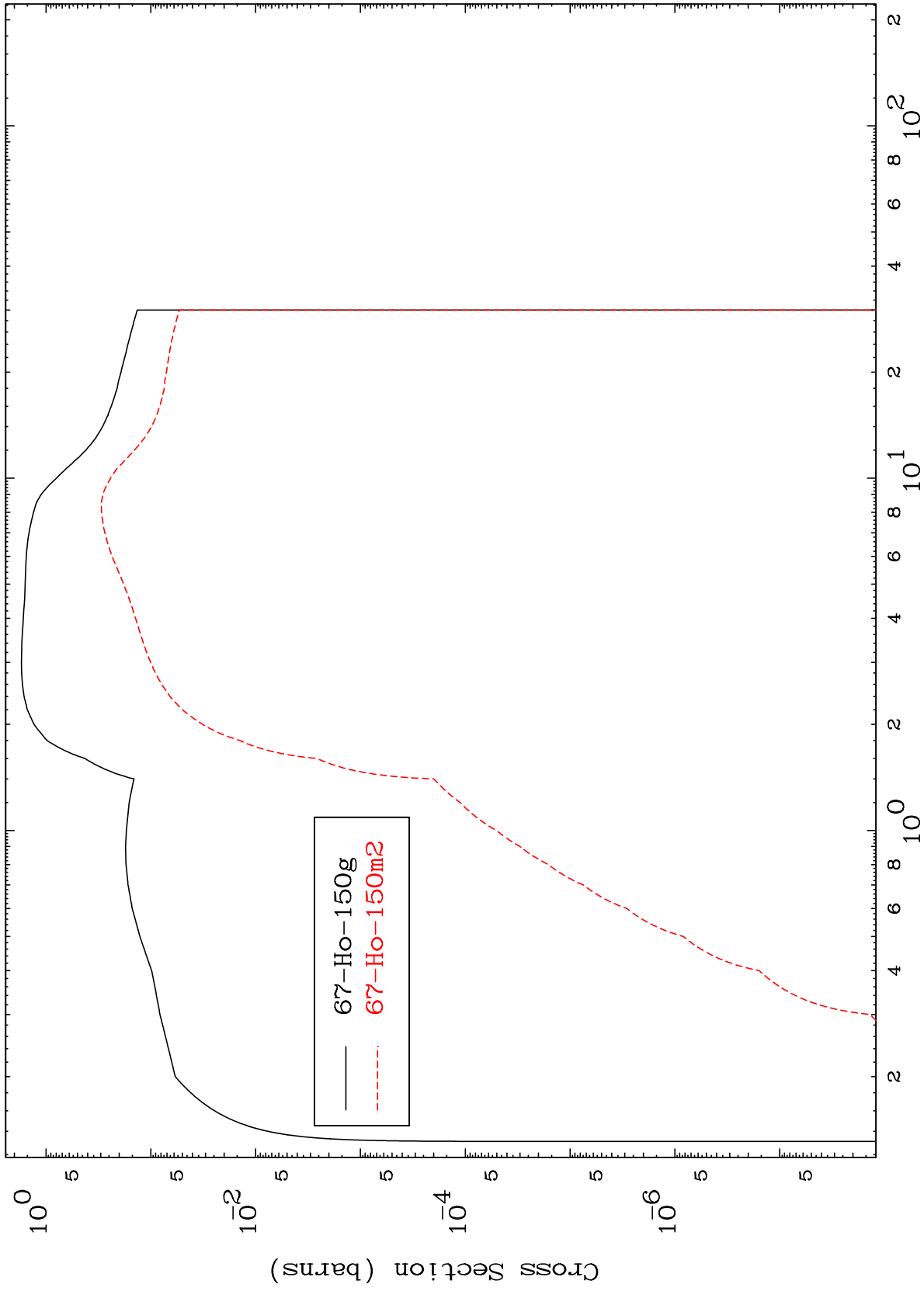
Incident Energy (MeV)

67-Ho-150

MAT 6680

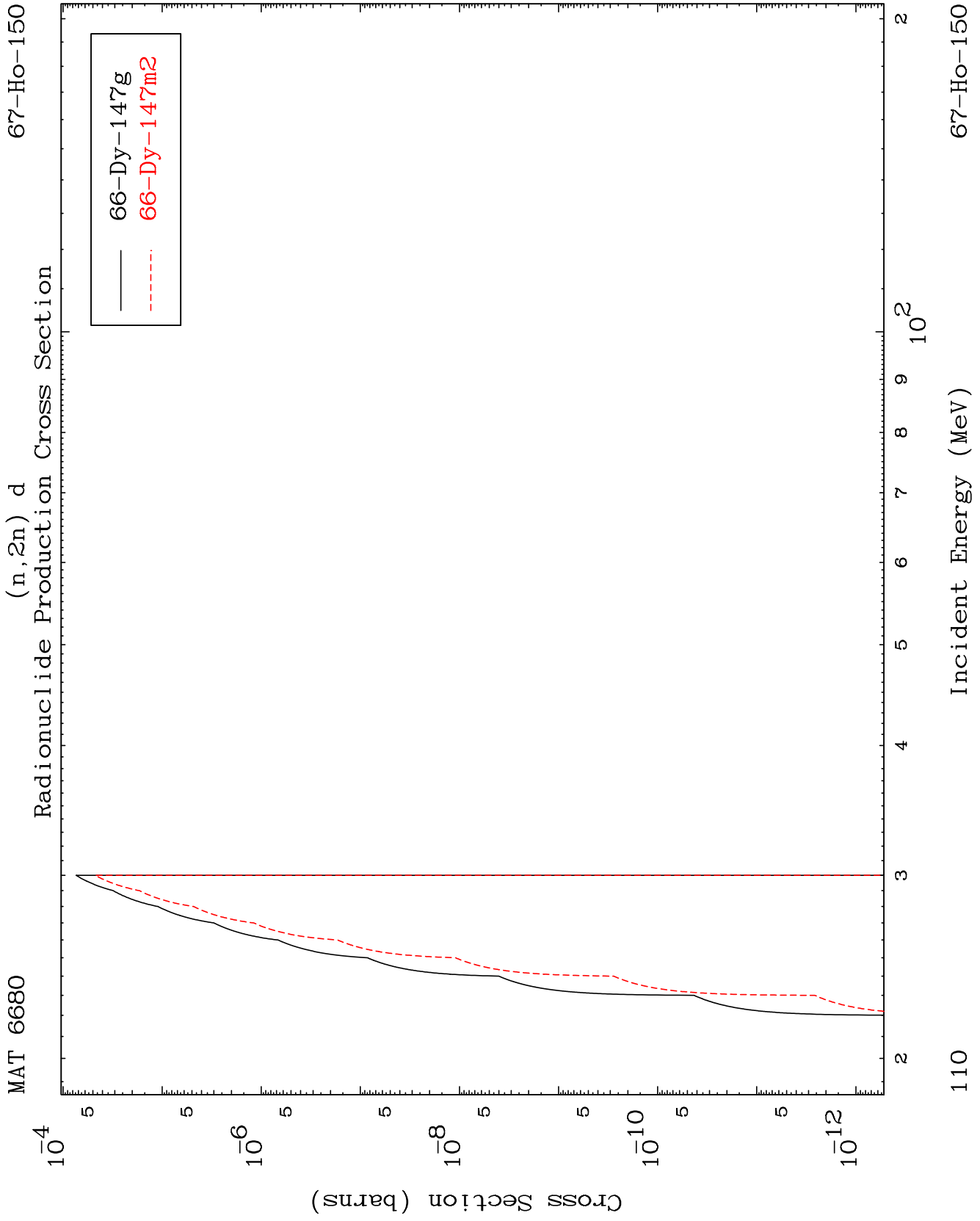
67-Ho-150

### Inelastic Radionuclide Production Cross Section



109

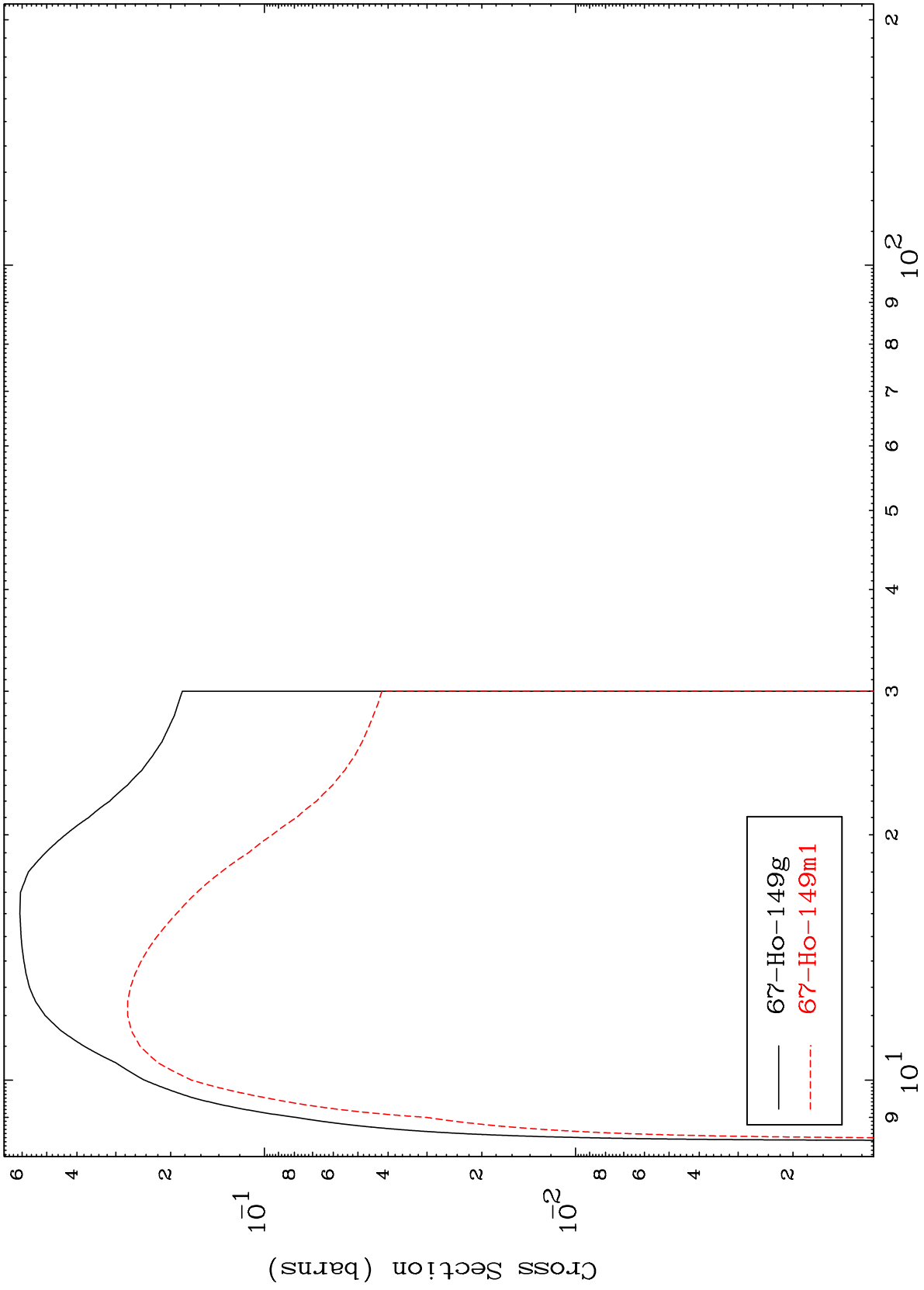
67-Ho-150



MAT 6680

67-Ho-150

(n,2n)  
Radionuclide Production Cross Section



111

Incident Energy (MeV)

67-Ho-150

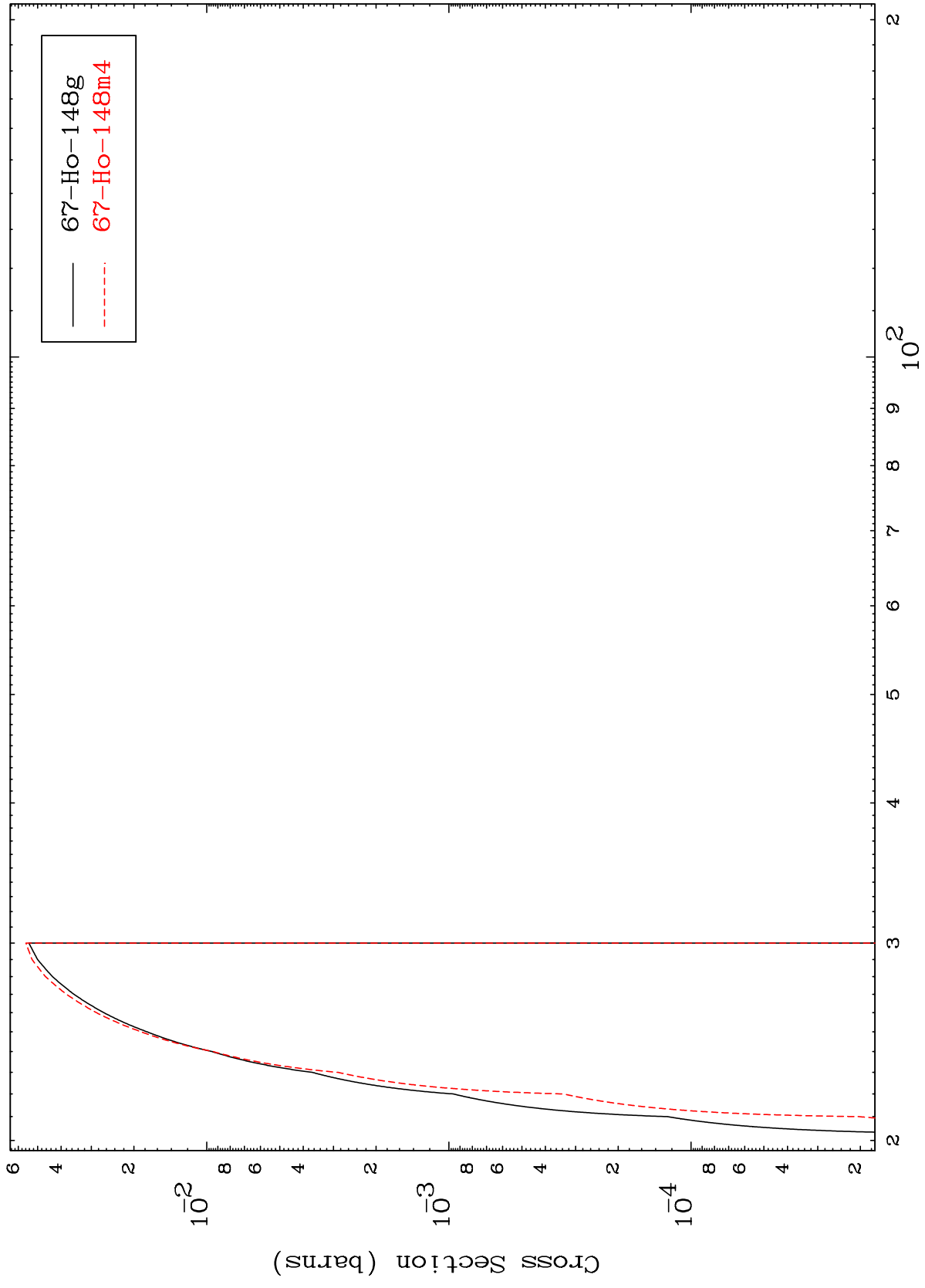


MAT 6680

(n,3n)

67-Ho-150

Radionuclide Production Cross Section



112

Incident Energy (MeV)

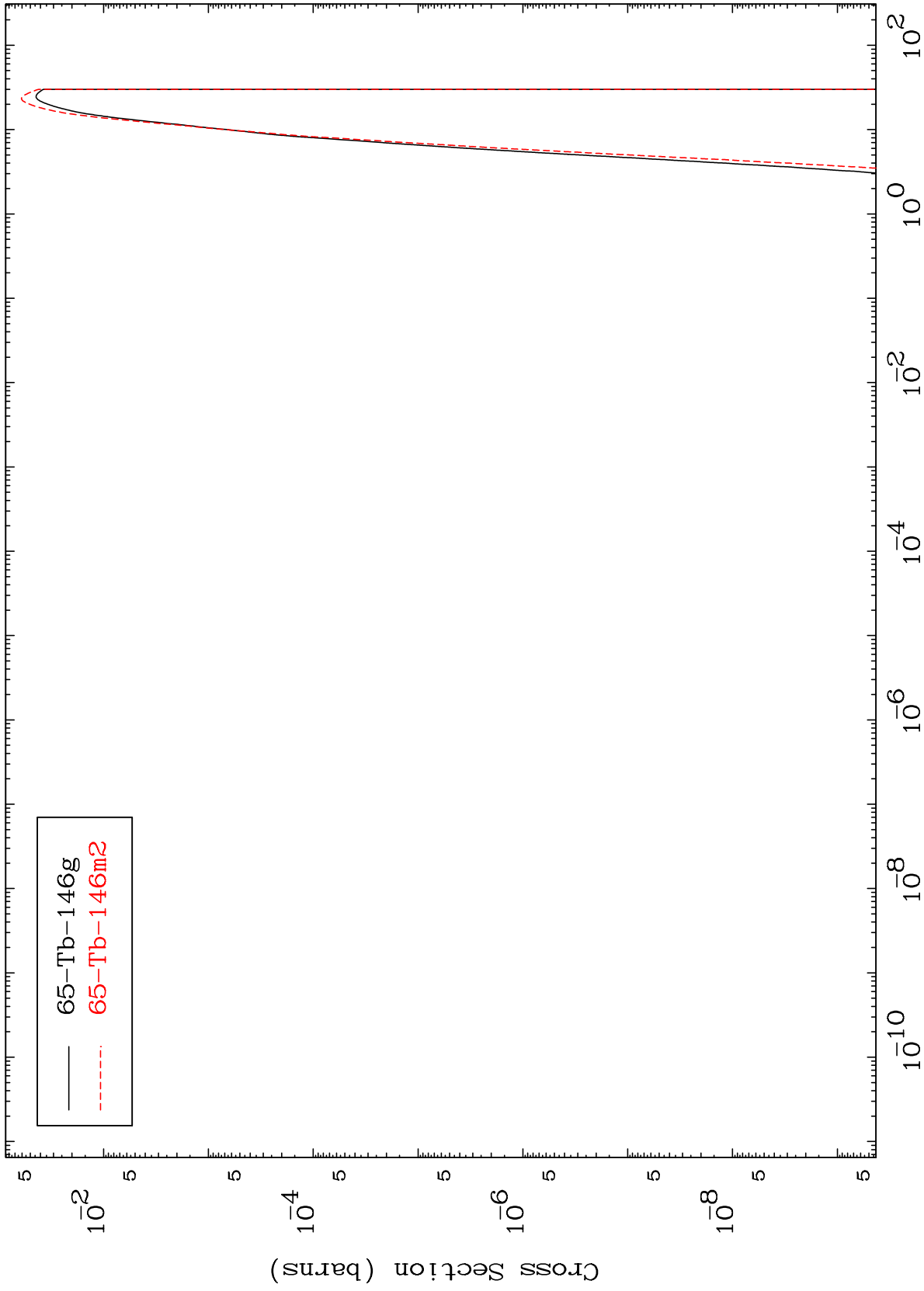
67-Ho-150

MAT 6680

(n,n')  $\alpha$

67-Ho-150

Radionuclide Production Cross Section



113

Incident Energy (MeV)

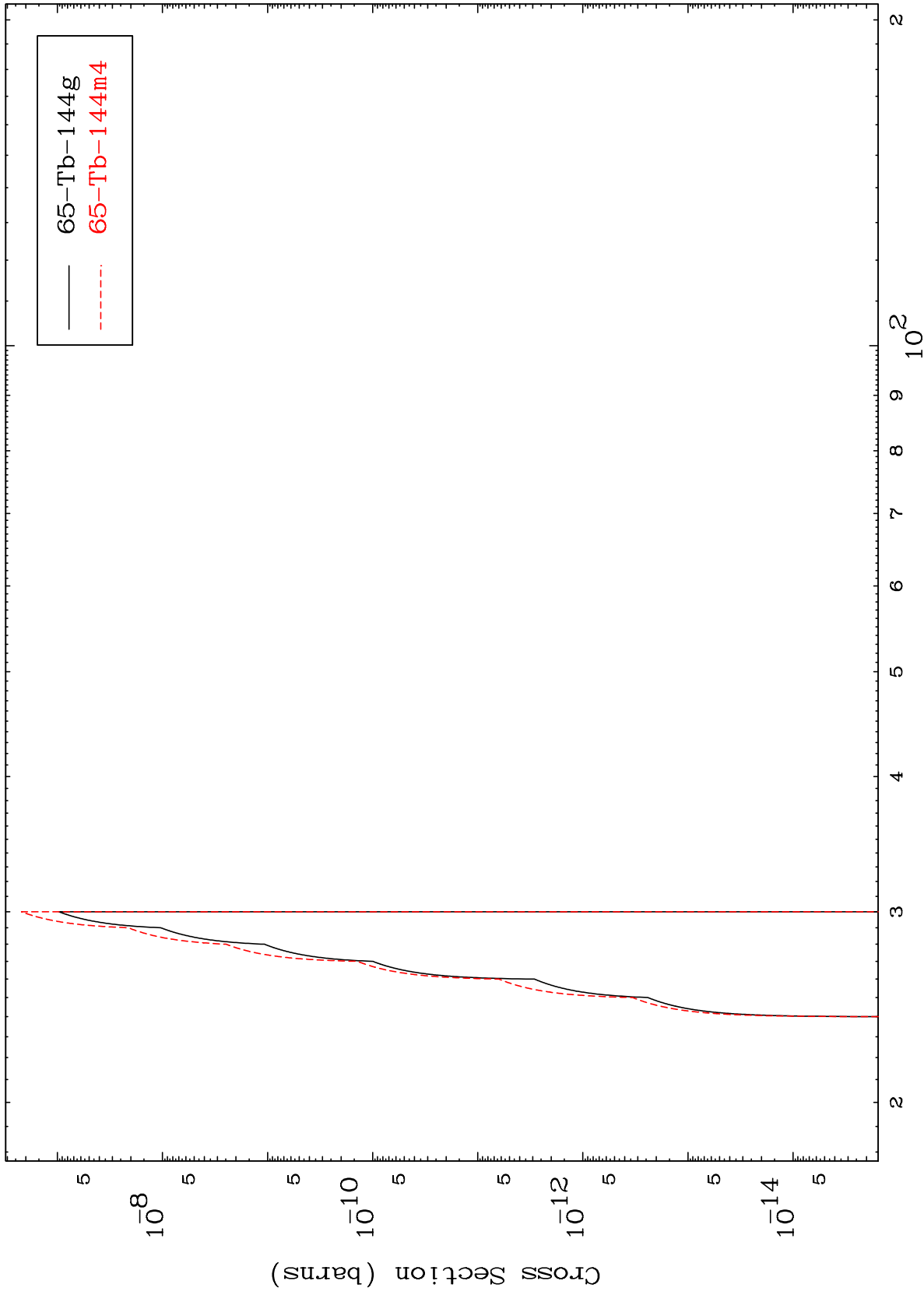
67-Ho-150

MAT 6680

(n,3n)  $\alpha$

67-Ho-150

Radionuclide Production Cross Section



114

Incident Energy (MeV)

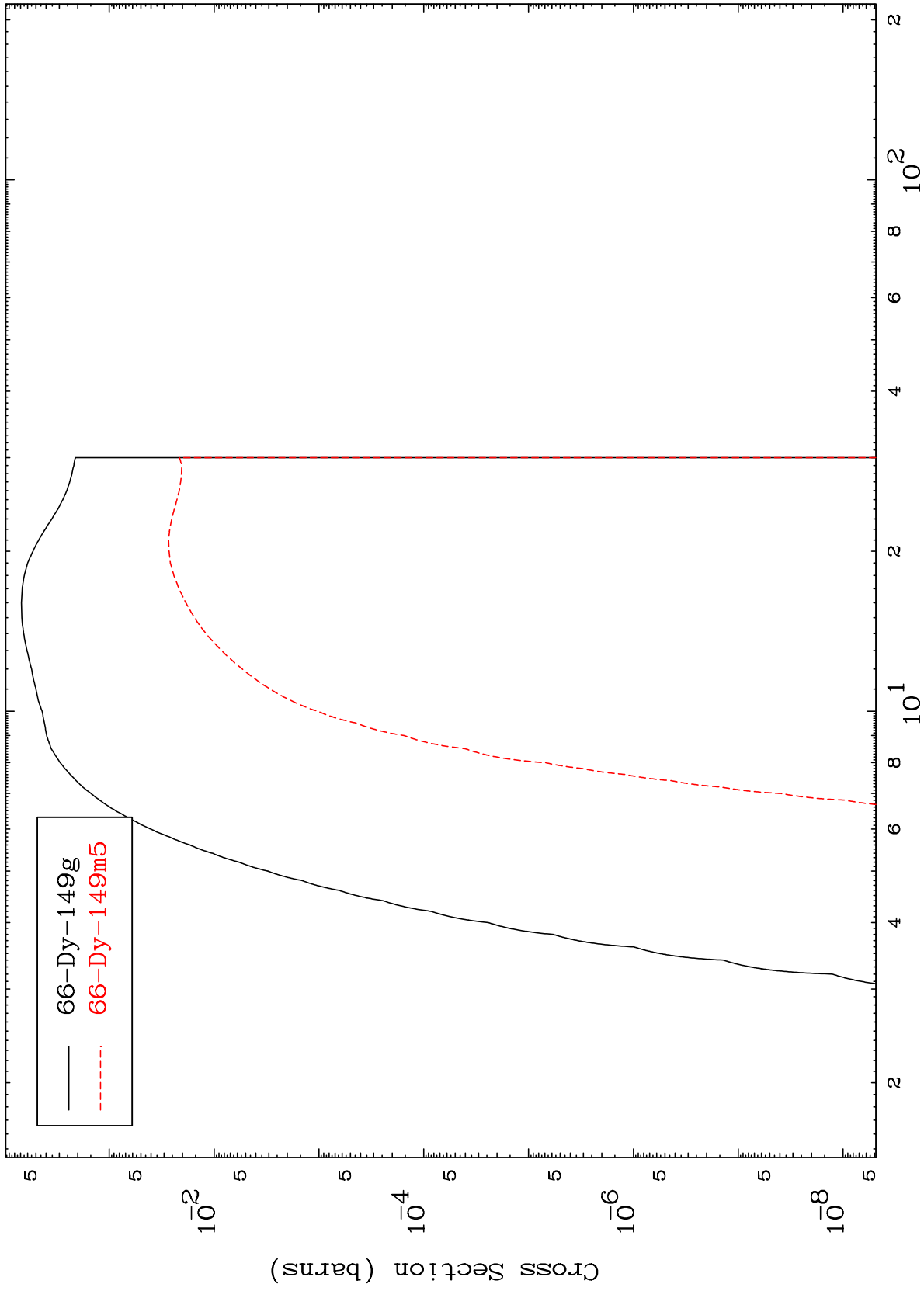
67-Ho-150

MAT 6680

(n,n') p

67-Ho-150

Radionuclide Production Cross Section



115

Incident Energy (MeV)

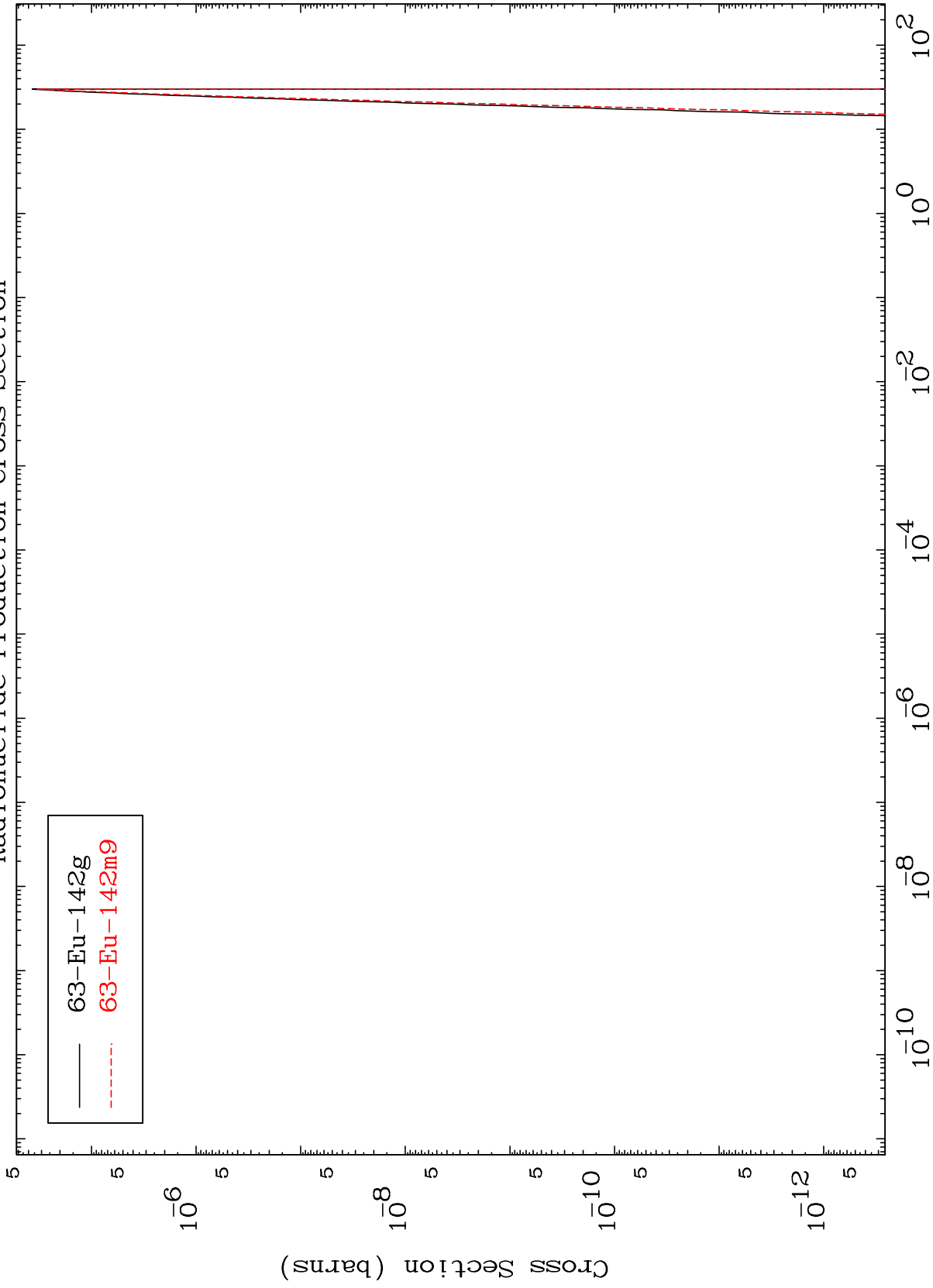
67-Ho-150

MAT 6680

(n,n') 2 $\alpha$

67-Ho-150

Radionuclide Production Cross Section



116

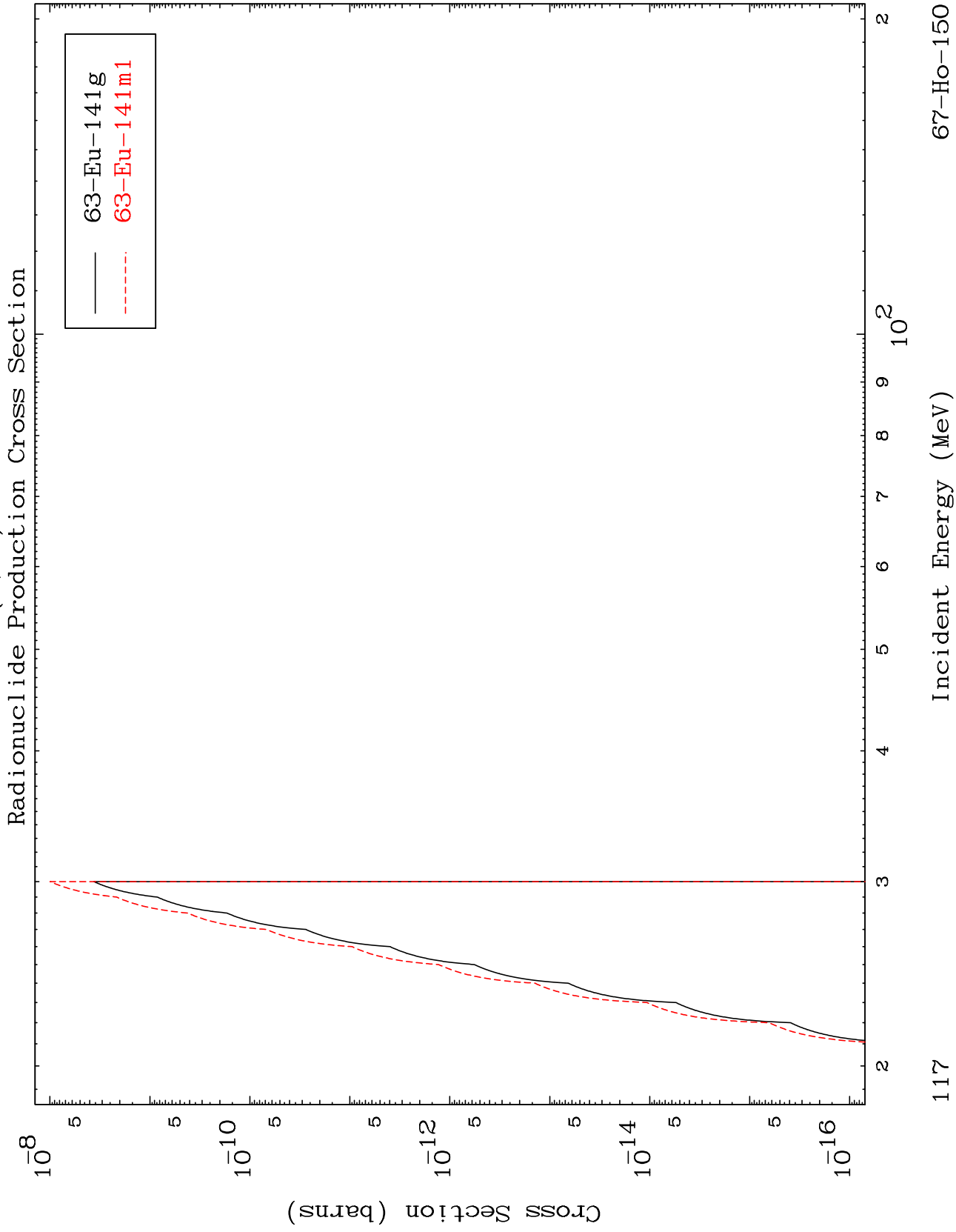
Incident Energy (MeV)

67-Ho-150

MAT 6680

(n,2n) 2α

67-Ho-150



117

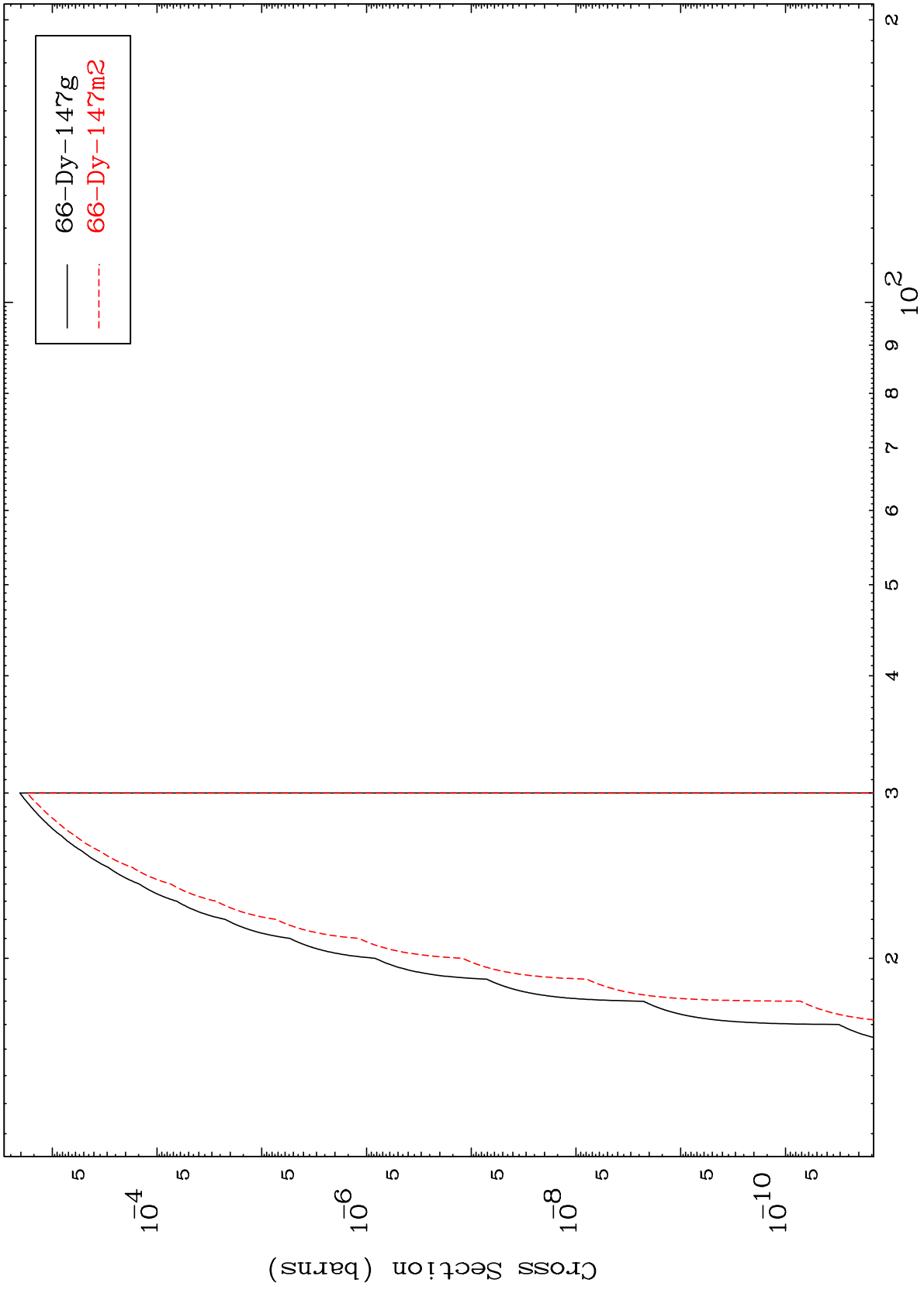
67-Ho-150

MAT 6680

(n,n') t

67-Ho-150

Radionuclide Production Cross Section



66-Dy-147g  
66-Dy-147m2

118

Incident Energy (MeV)

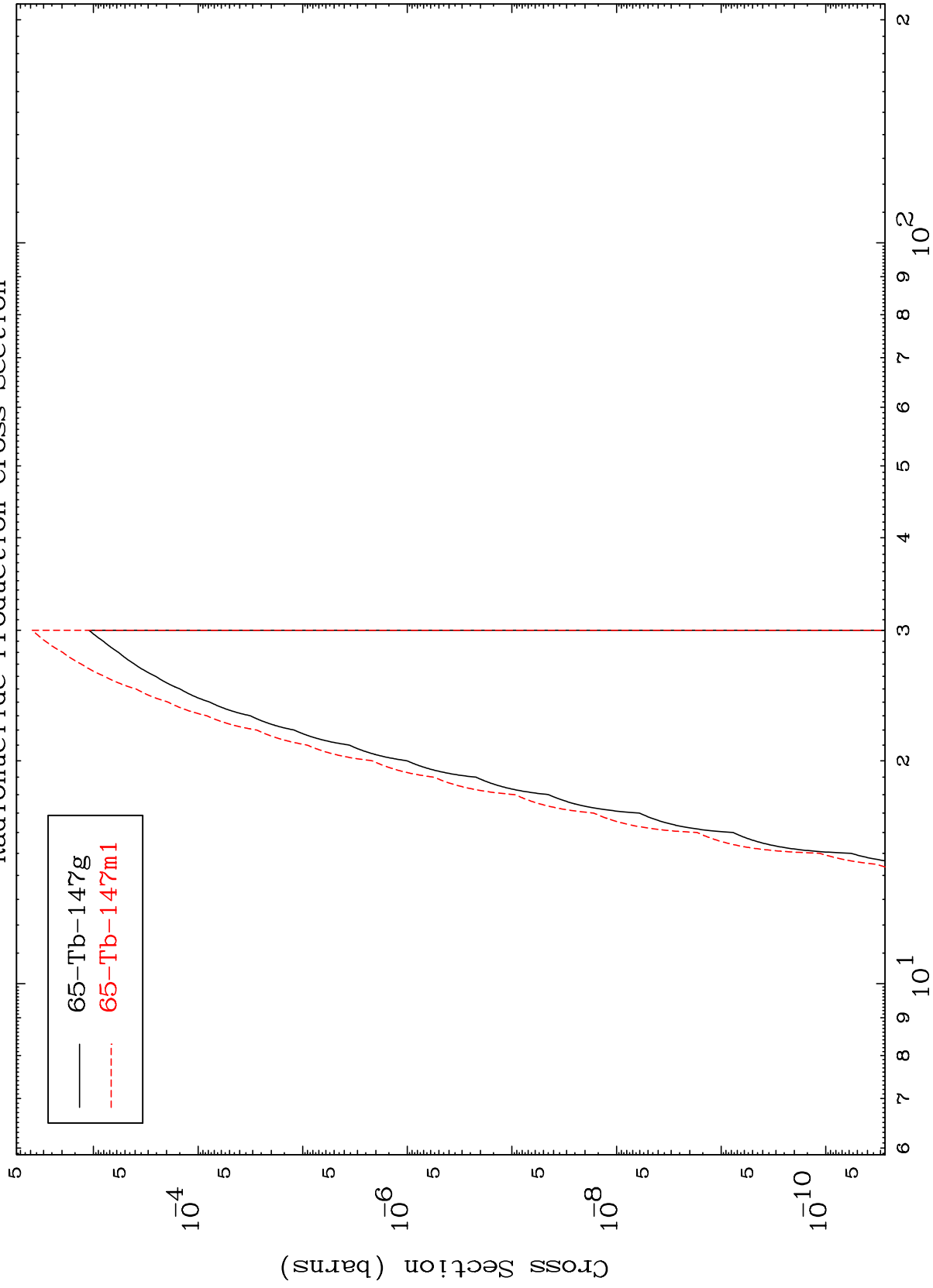
67-Ho-150

MAT 6680

(n, n') He-3

67-Ho-150

### Radionuclide Production Cross Section



119

Incident Energy (MeV)

67-Ho-150

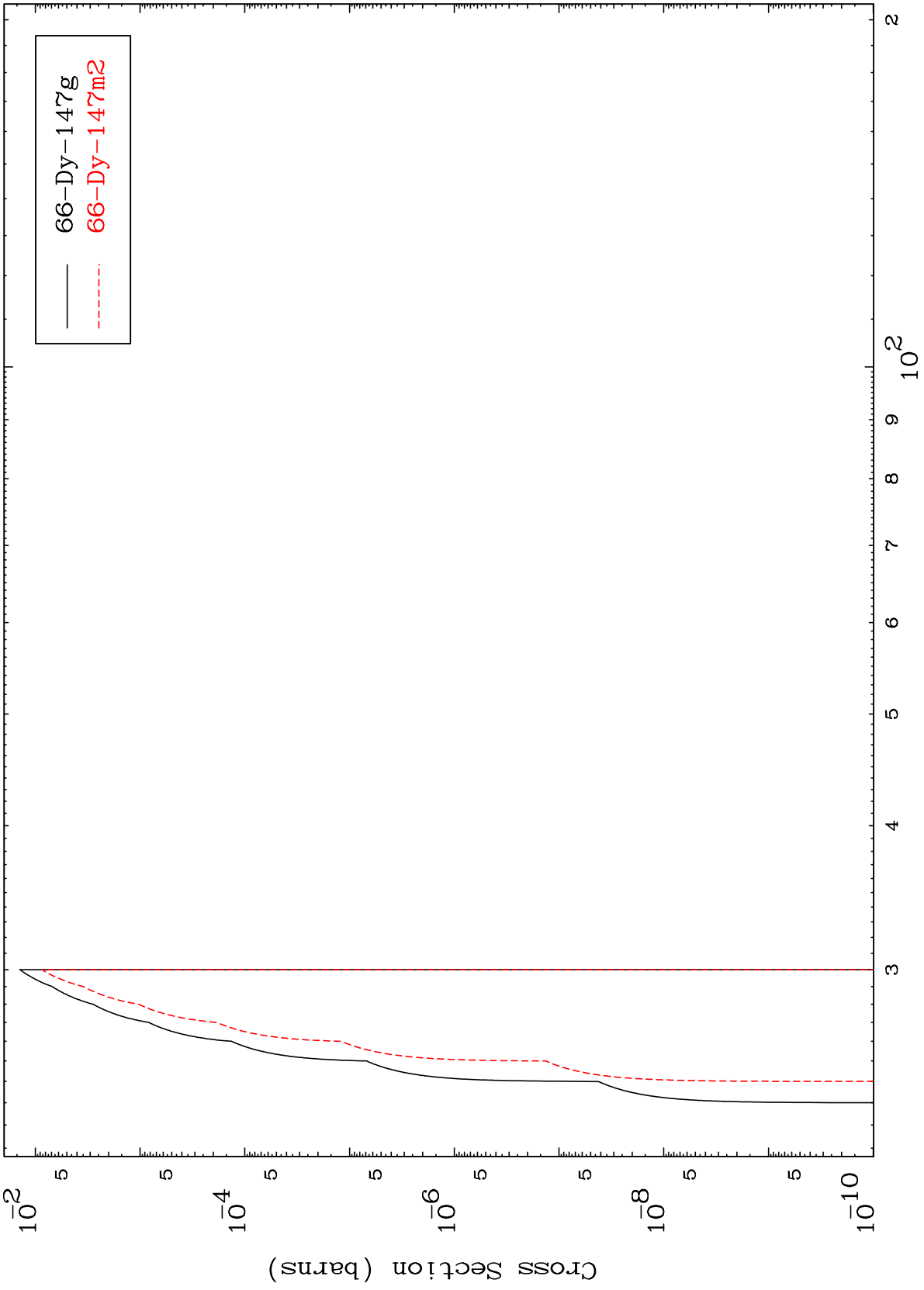


MAT 6680

(n,3n) p

67-Ho-150

Radionuclide Production Cross Section



120

Incident Energy (MeV)

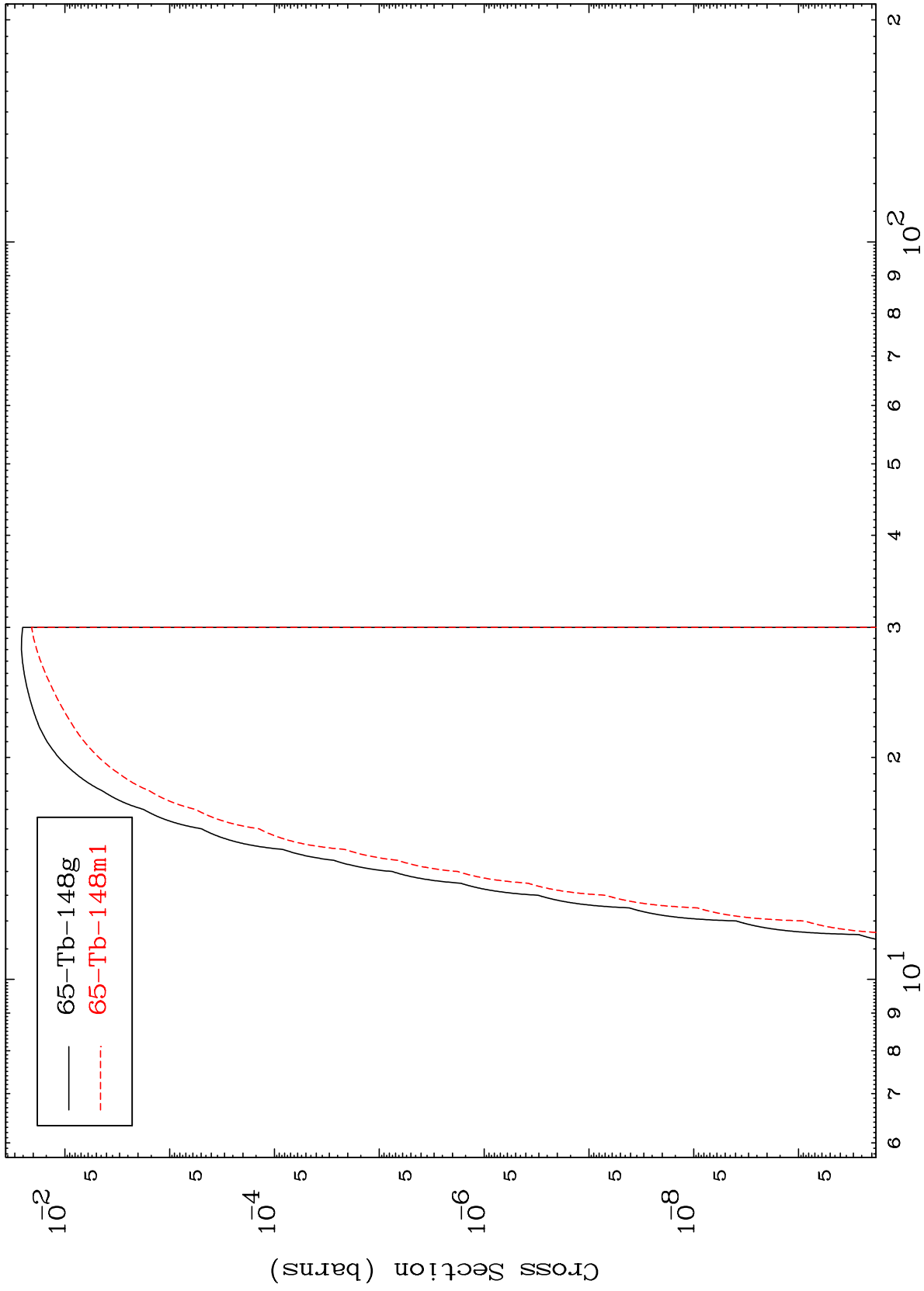
67-Ho-150

MAT 6680

(n,2n) p

67-Ho-150

Radionuclide Production Cross Section



65-Tb-148g  
65-Tb-148m1

121

Incident Energy (MeV)

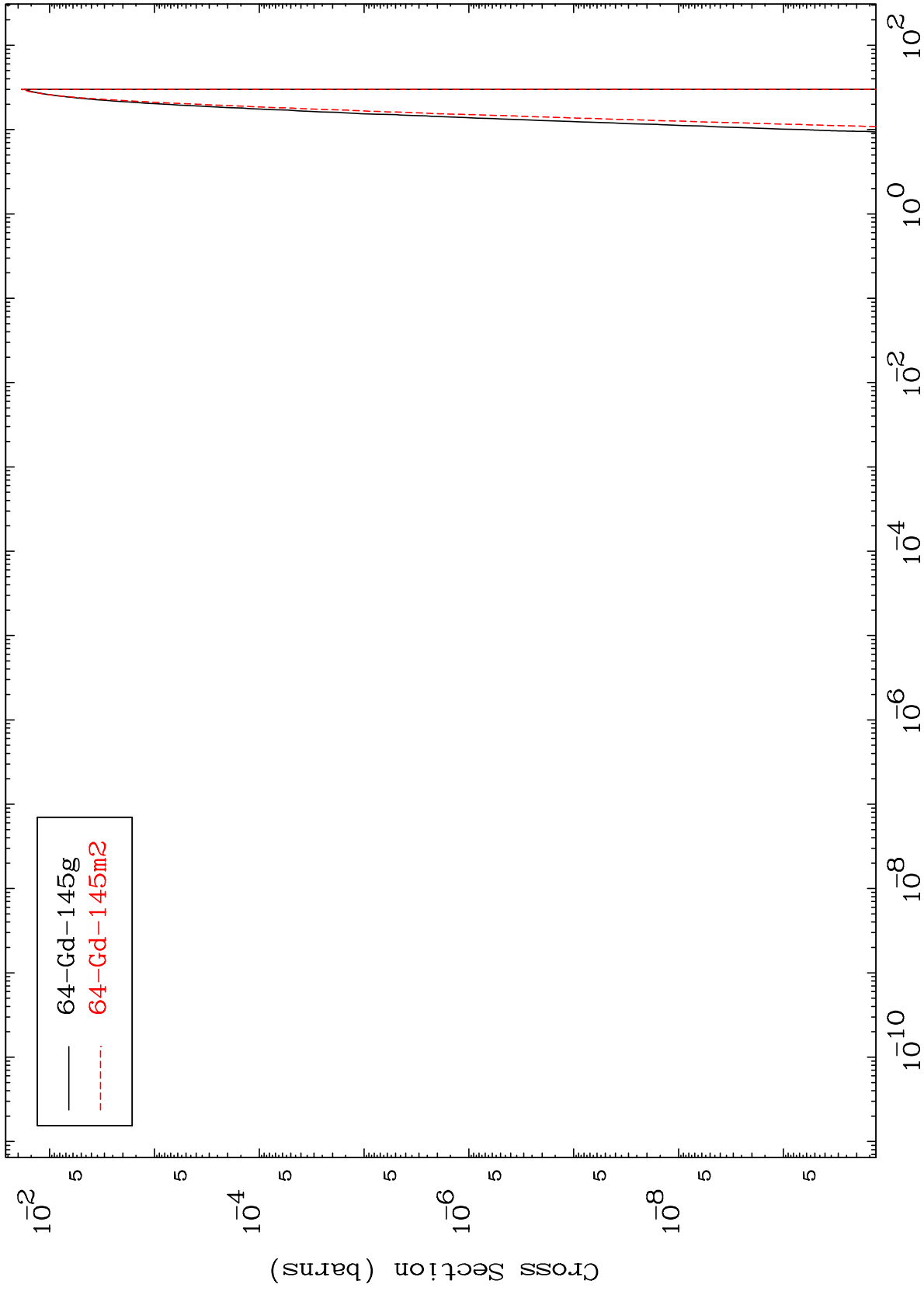
67-Ho-150

MAT 6680

(n,n') p  $\alpha$

67-Ho-150

Radionuclide Production Cross Section



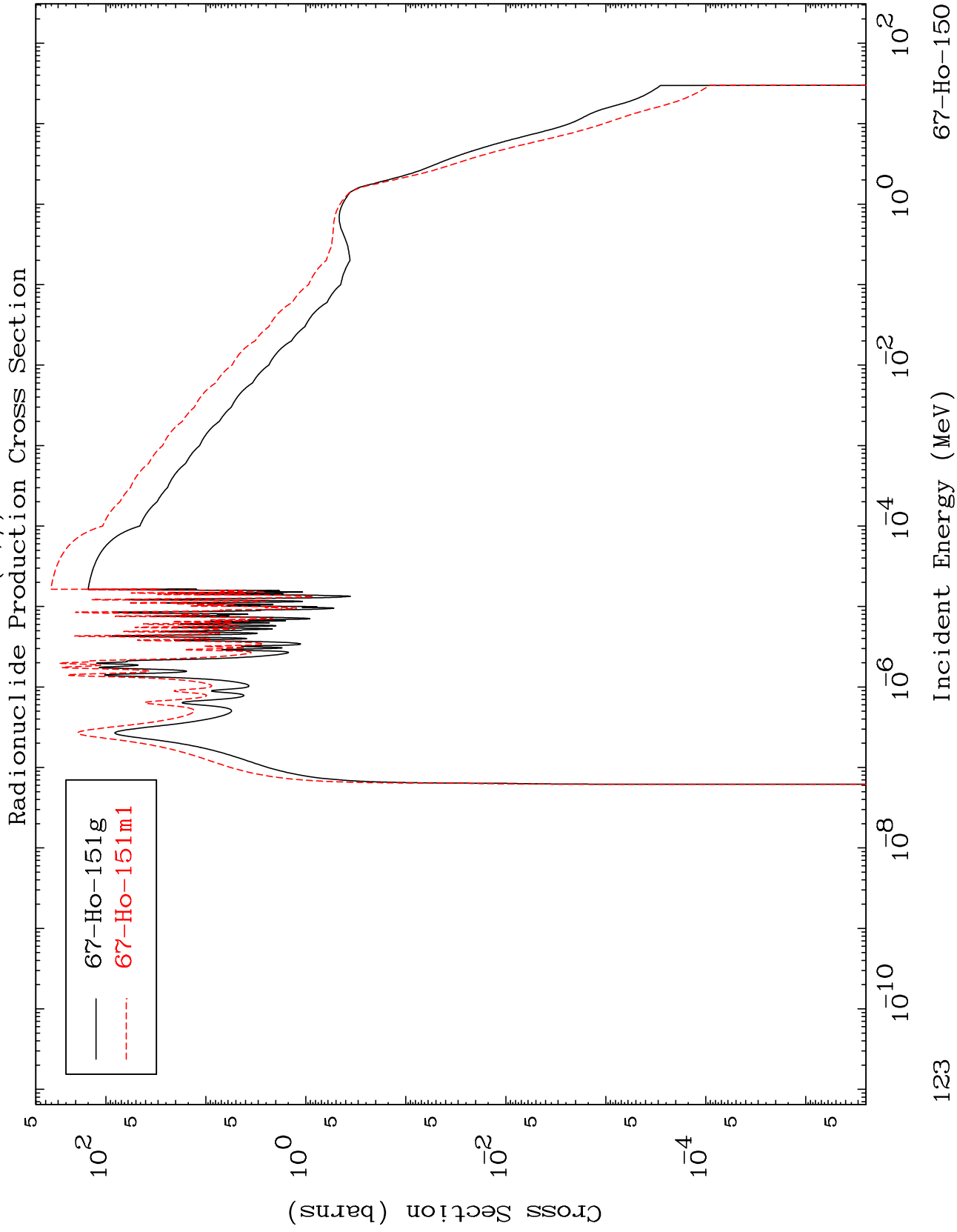
122

Incident Energy (MeV)

67-Ho-150

MAT 6680

67-Ho-150

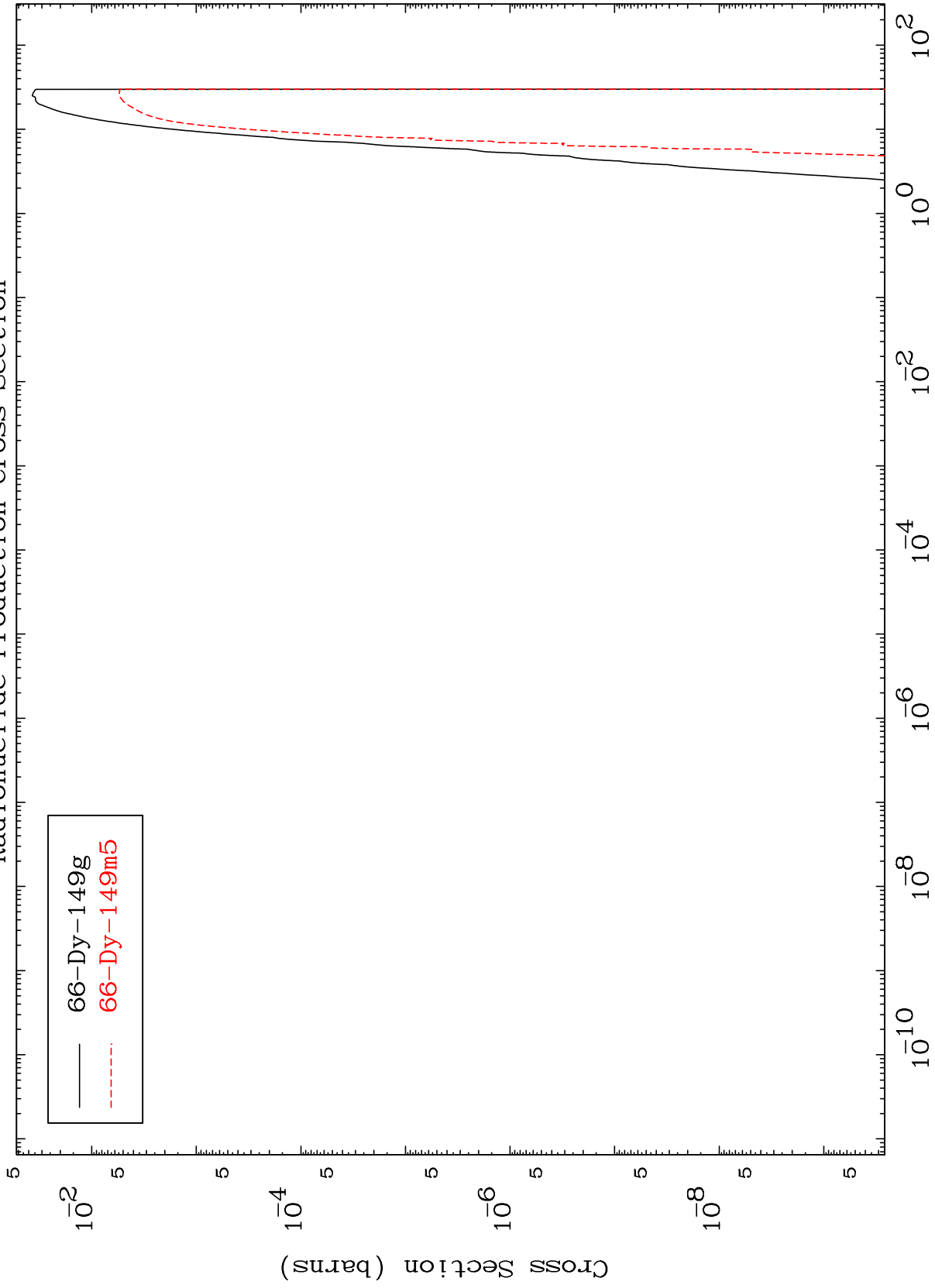


MAT 6680

(n,d)

67-Ho-150

Radionuclide Production Cross Section



124

Incident Energy (MeV)

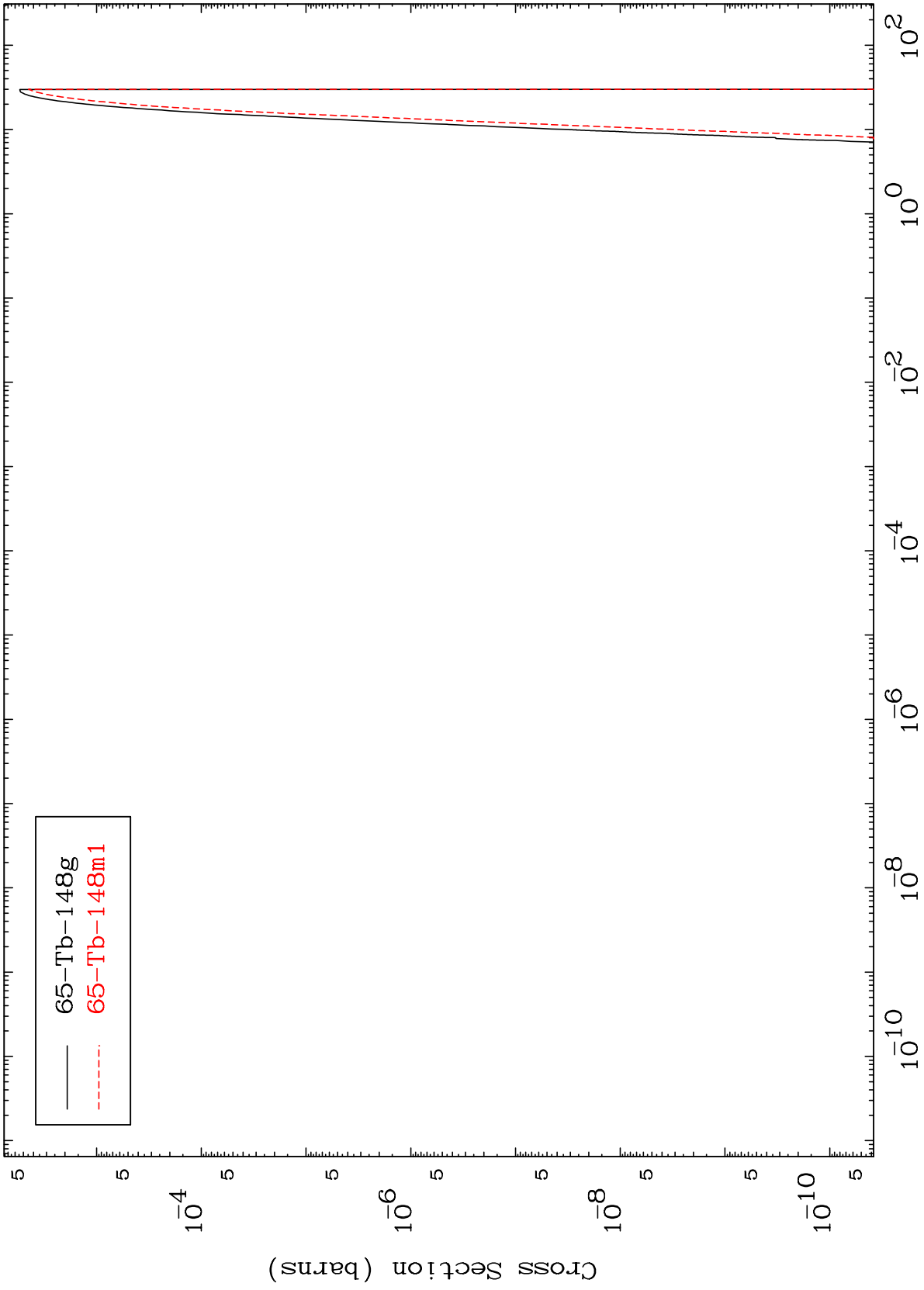
67-Ho-150

MAT 6680

(n, He-3)

67-Ho-150

Radionuclide Production Cross Section



125

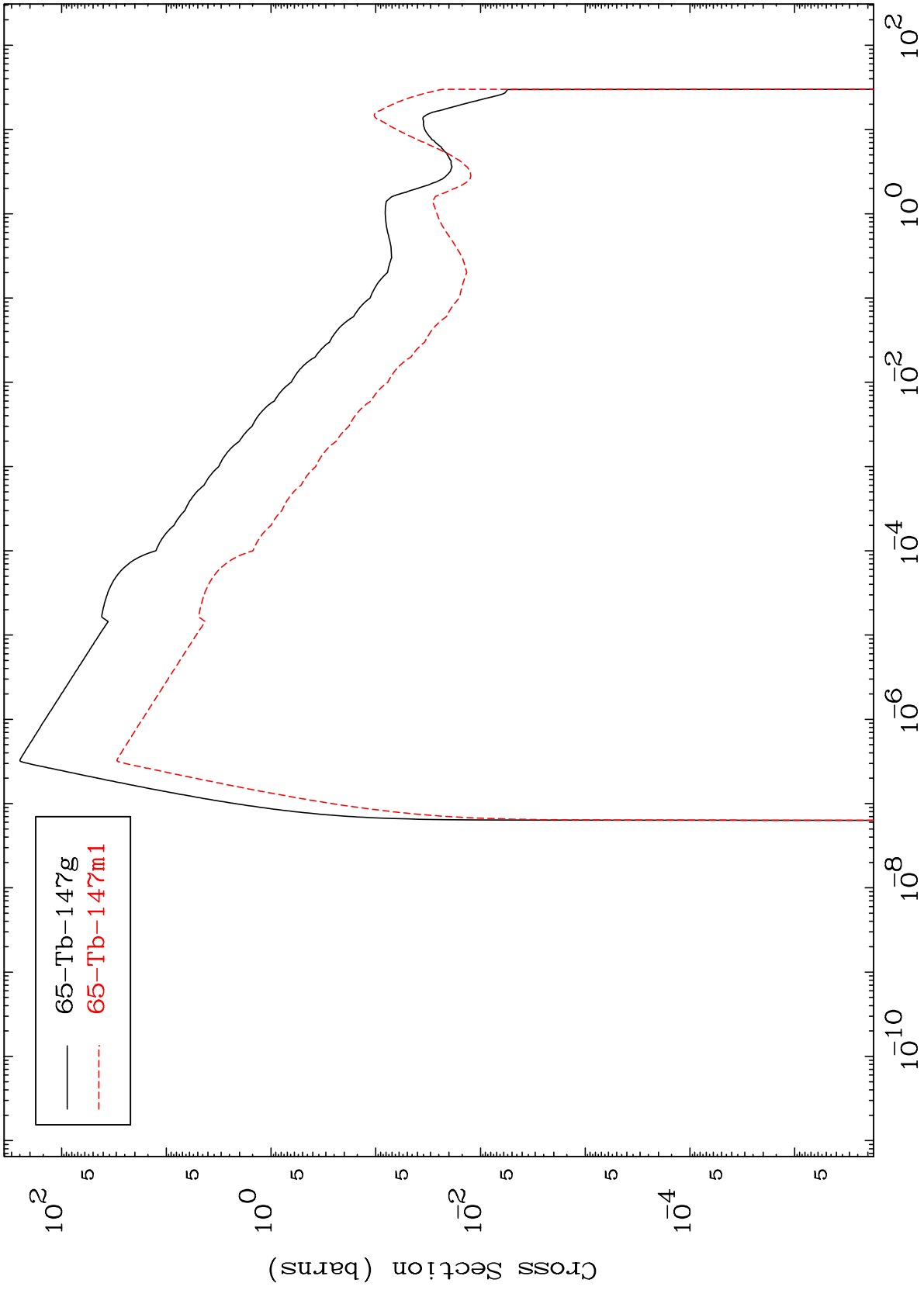
Incident Energy (MeV)

67-Ho-150

MAT 6680

67-Ho-150

Radionuclide Production Cross Section  
(n,  $\alpha$ )



126

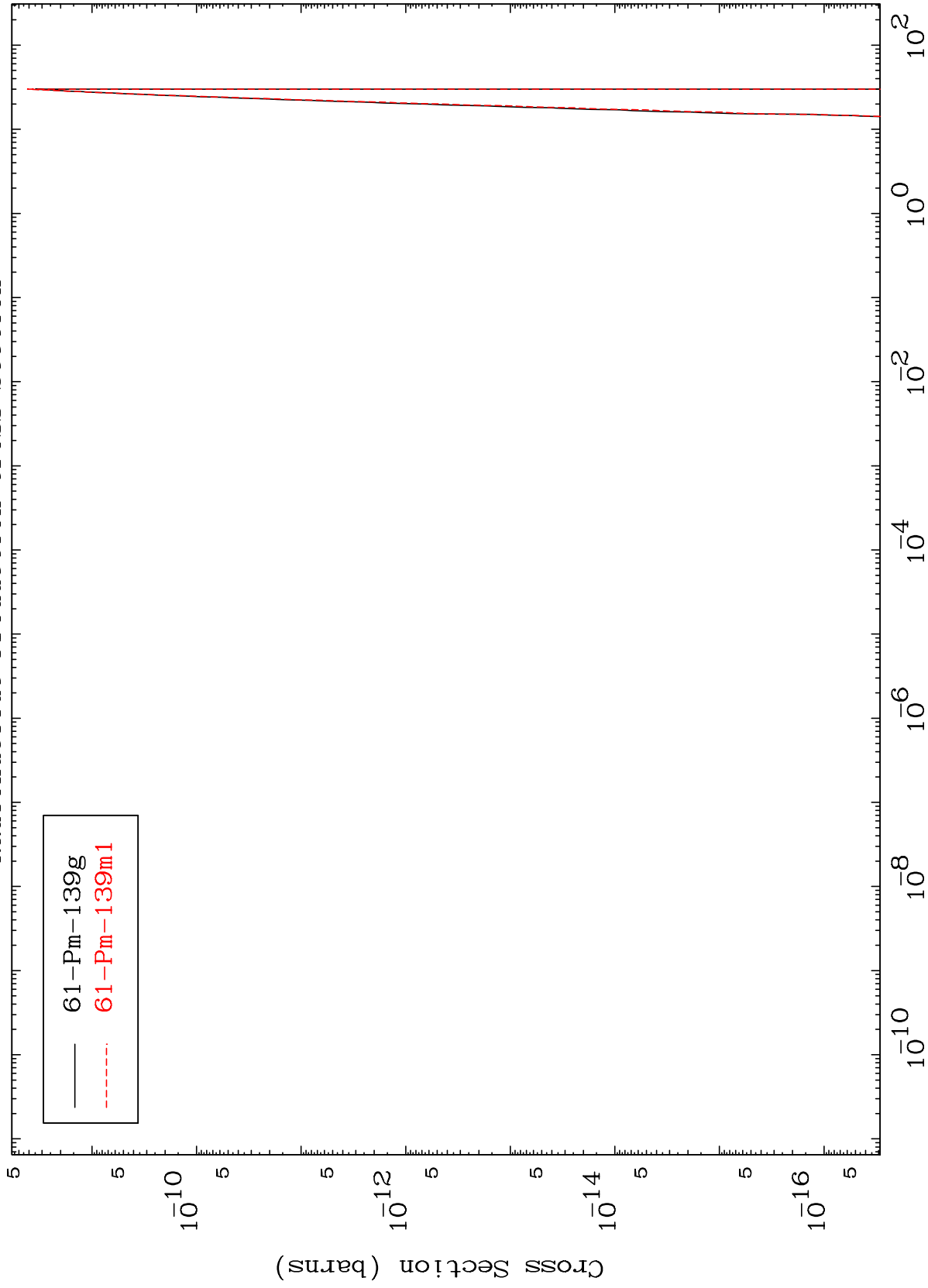
67-Ho-150

MAT 6680

(n,3α)

67-Ho-150

Radionuclide Production Cross Section



127

Incident Energy (MeV)

67-Ho-150

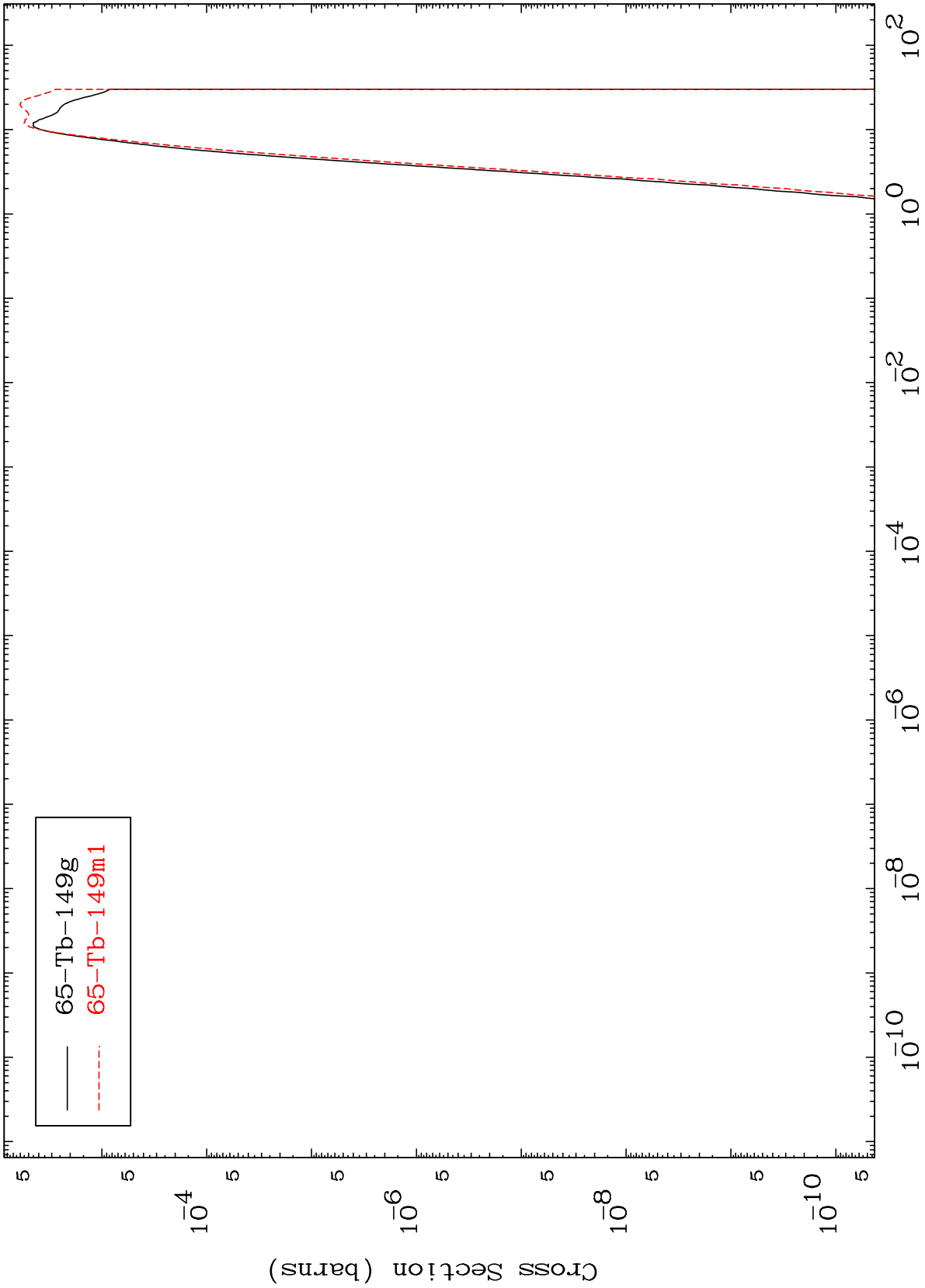


MAT 6680

(n,2p)

67-Ho-150

Radionuclide Production Cross Section



128

Incident Energy (MeV)

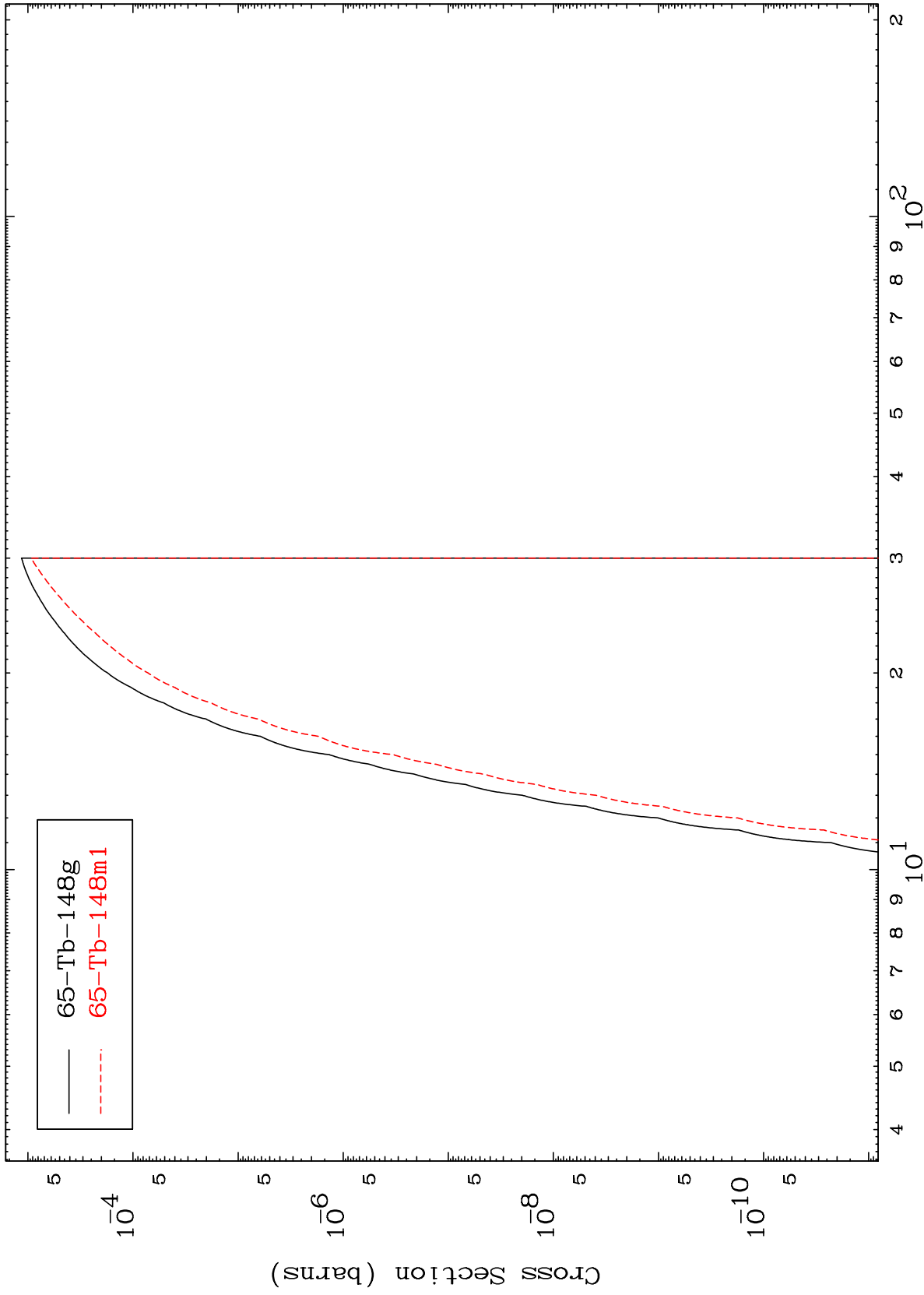
67-Ho-150

MAT 6680

(n,p) d

67-Ho-150

Radionuclide Production Cross Section



129

Incident Energy (MeV)

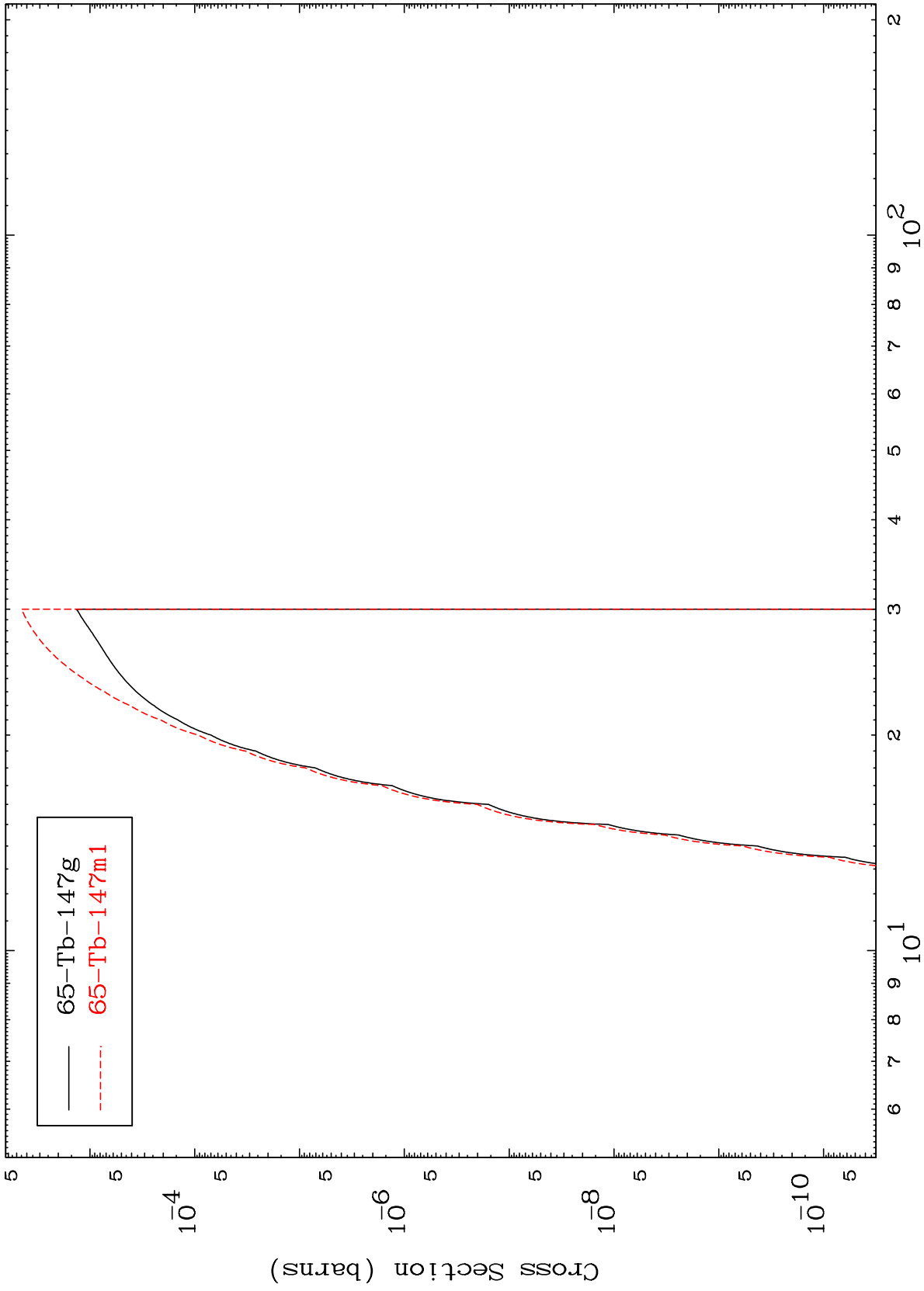
67-Ho-150

MAT 6680

(n,p) t

67-Ho-150

Radionuclide Production Cross Section



130

Incident Energy (MeV)

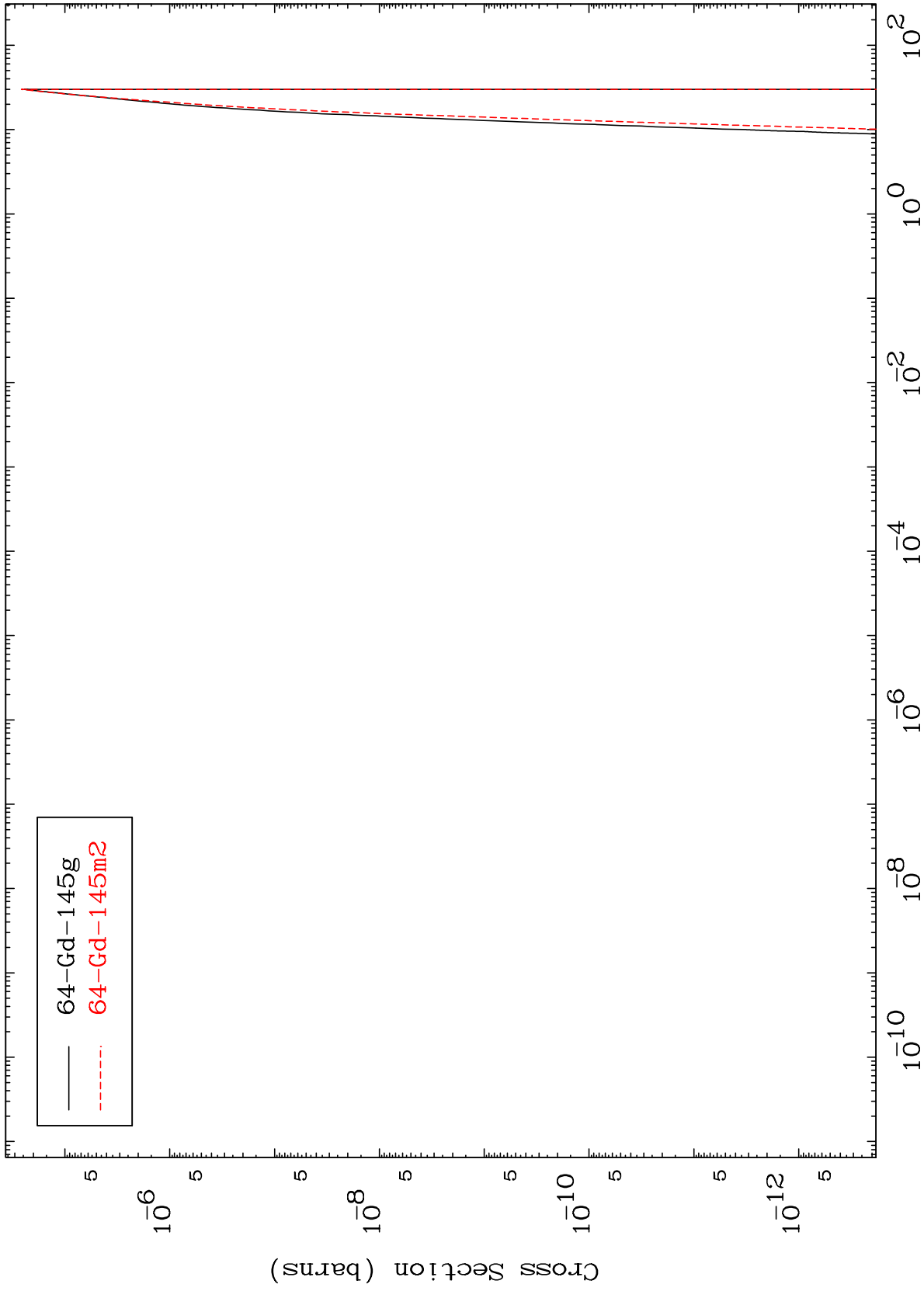
67-Ho-150

MAT 6680

(n,d)  $\alpha$

$^{67}\text{Ho-150}$

Radionuclide Production Cross Section



131

Incident Energy (MeV)

$^{67}\text{Ho-150}$