

Program EVALPLOT  
(Version 2021-1)

by

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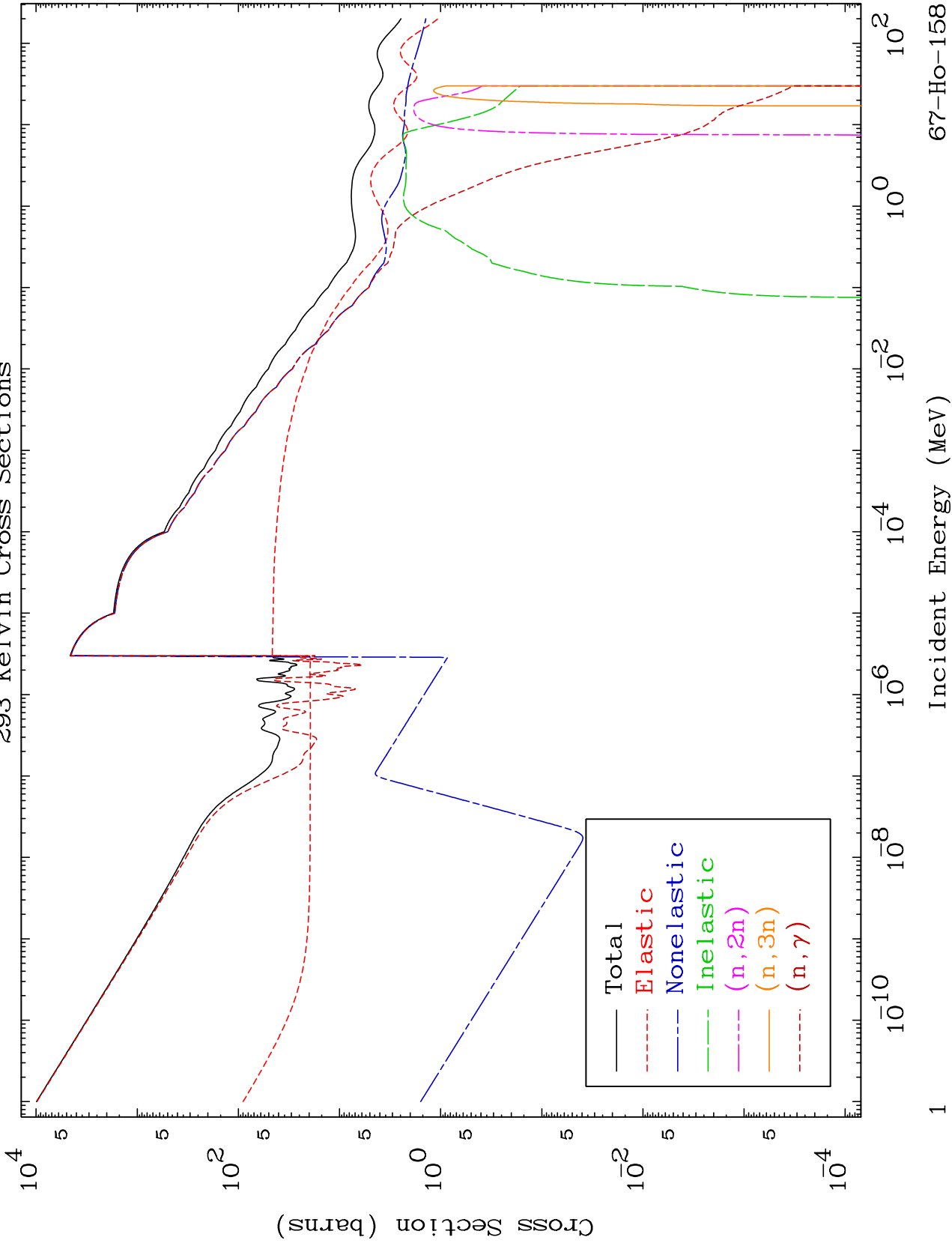
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Press Mouse Button to Start

MAT 6704

Neutron Major  
293 Kelvin Cross Sections

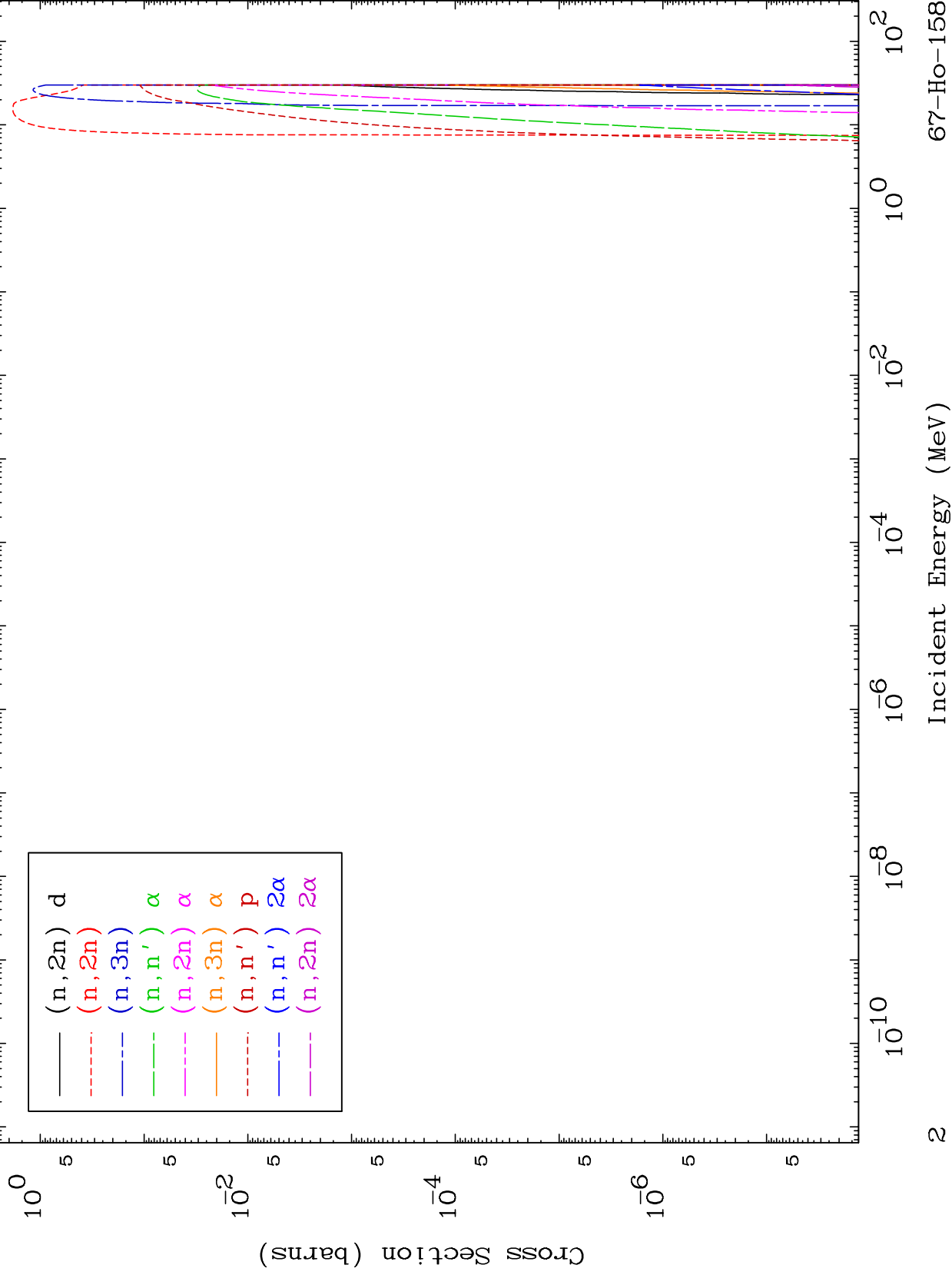
67-Ho-158



MAT 6704

Neutron Absorption  
293 Kelvin Cross Sections

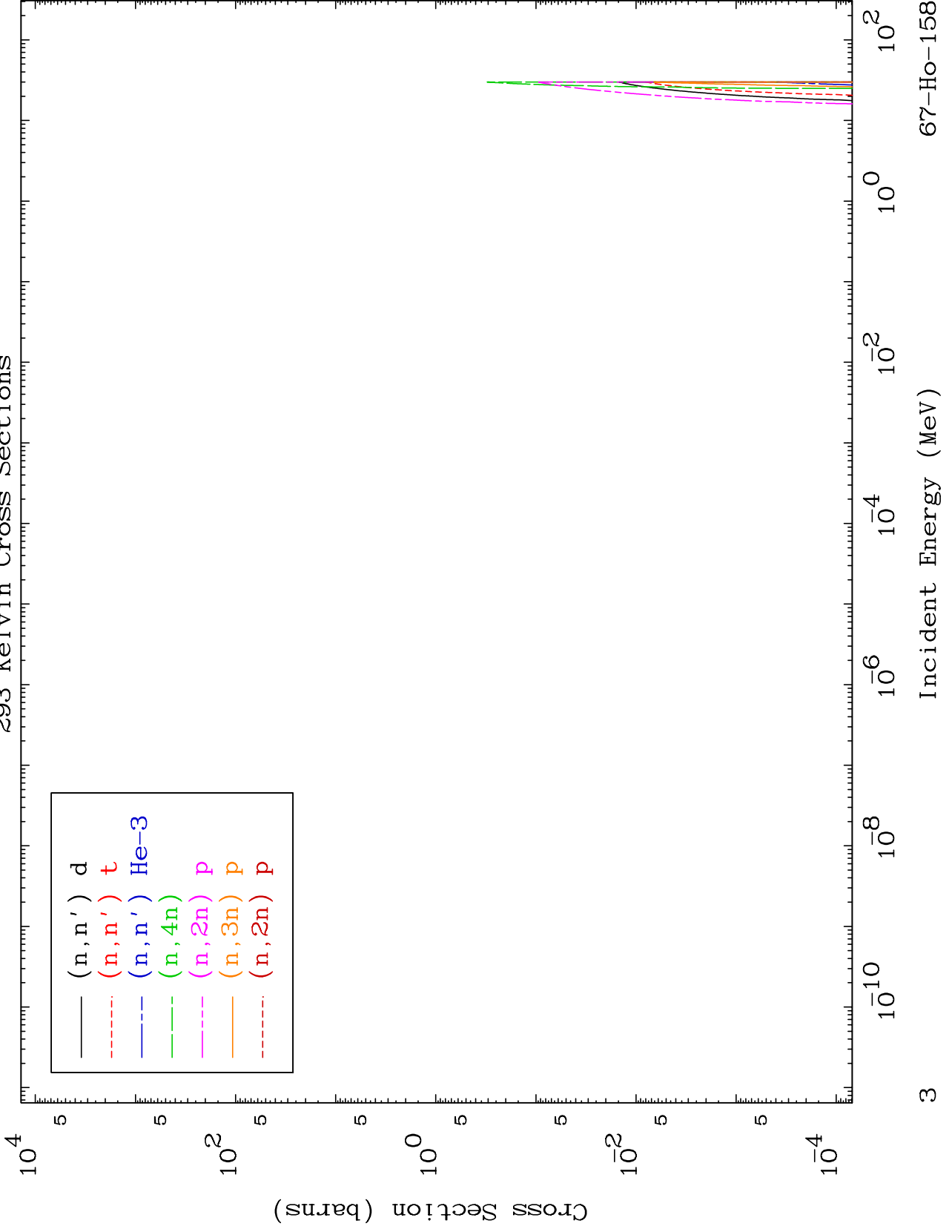
67-Ho-158



MAT 6704

Neutron Absorption  
293 Kelvin Cross Sections

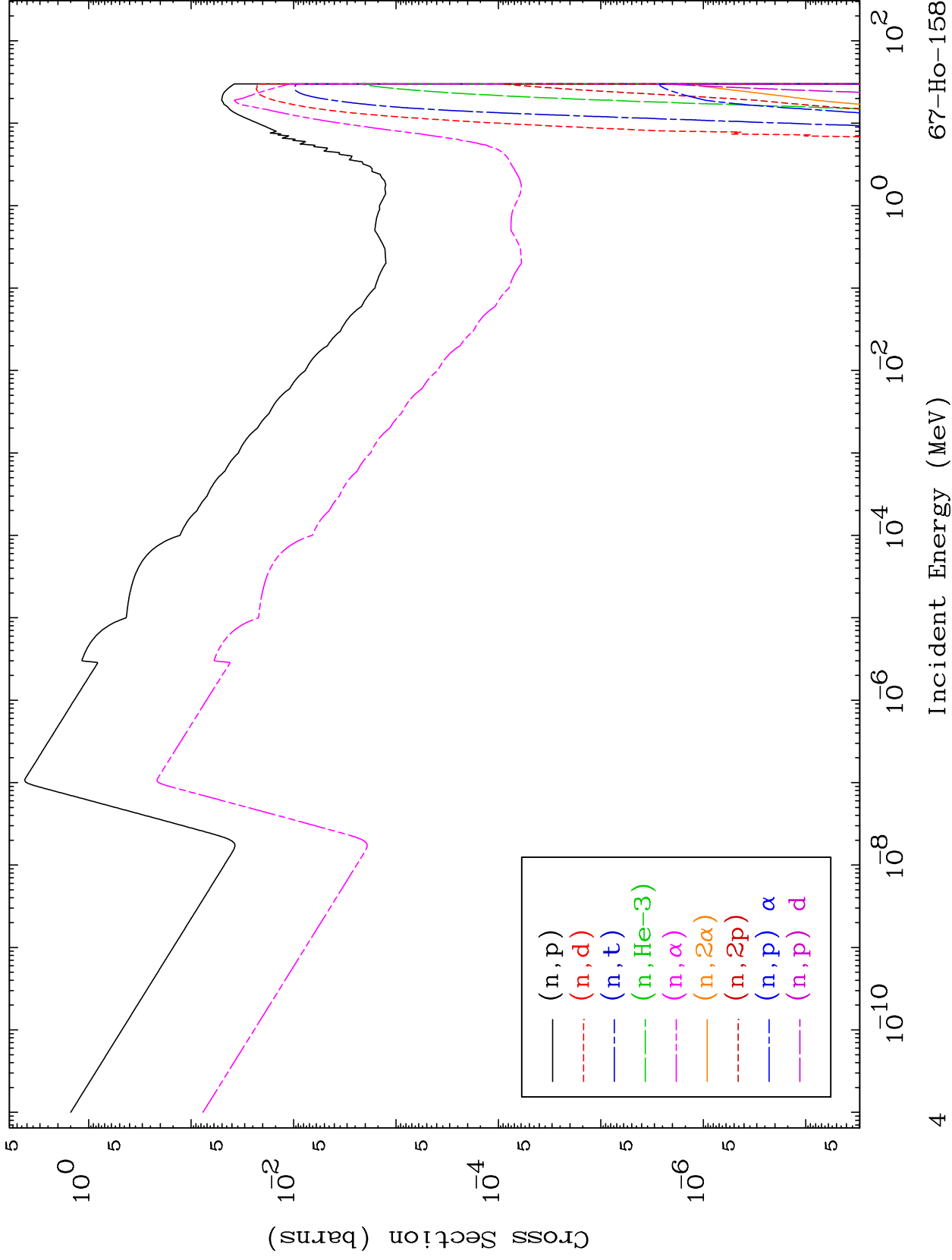
67-Ho-158

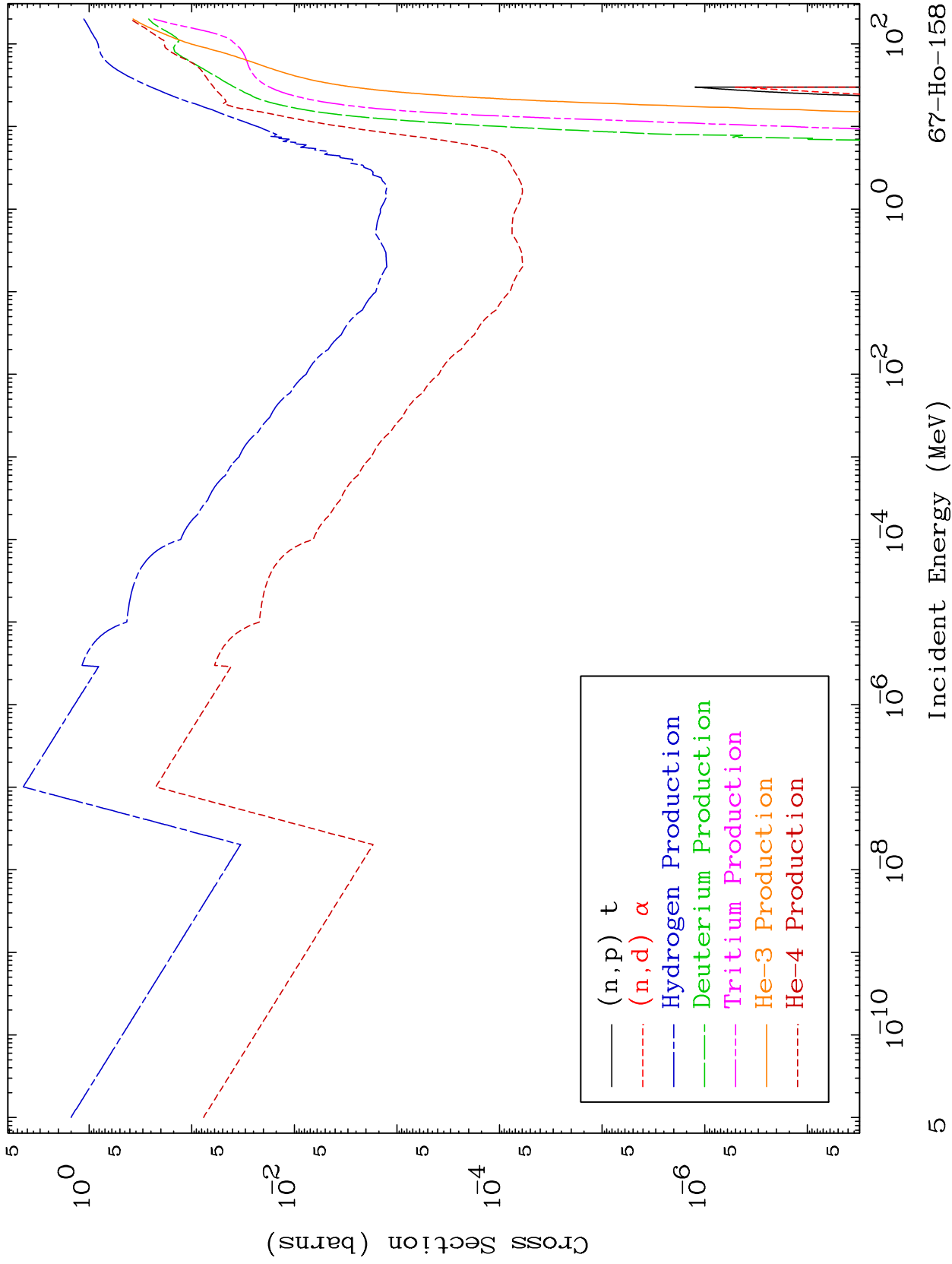


MAT 6704

Neutron Absorption  
293 Kelvin Cross Sections

67-Ho-158

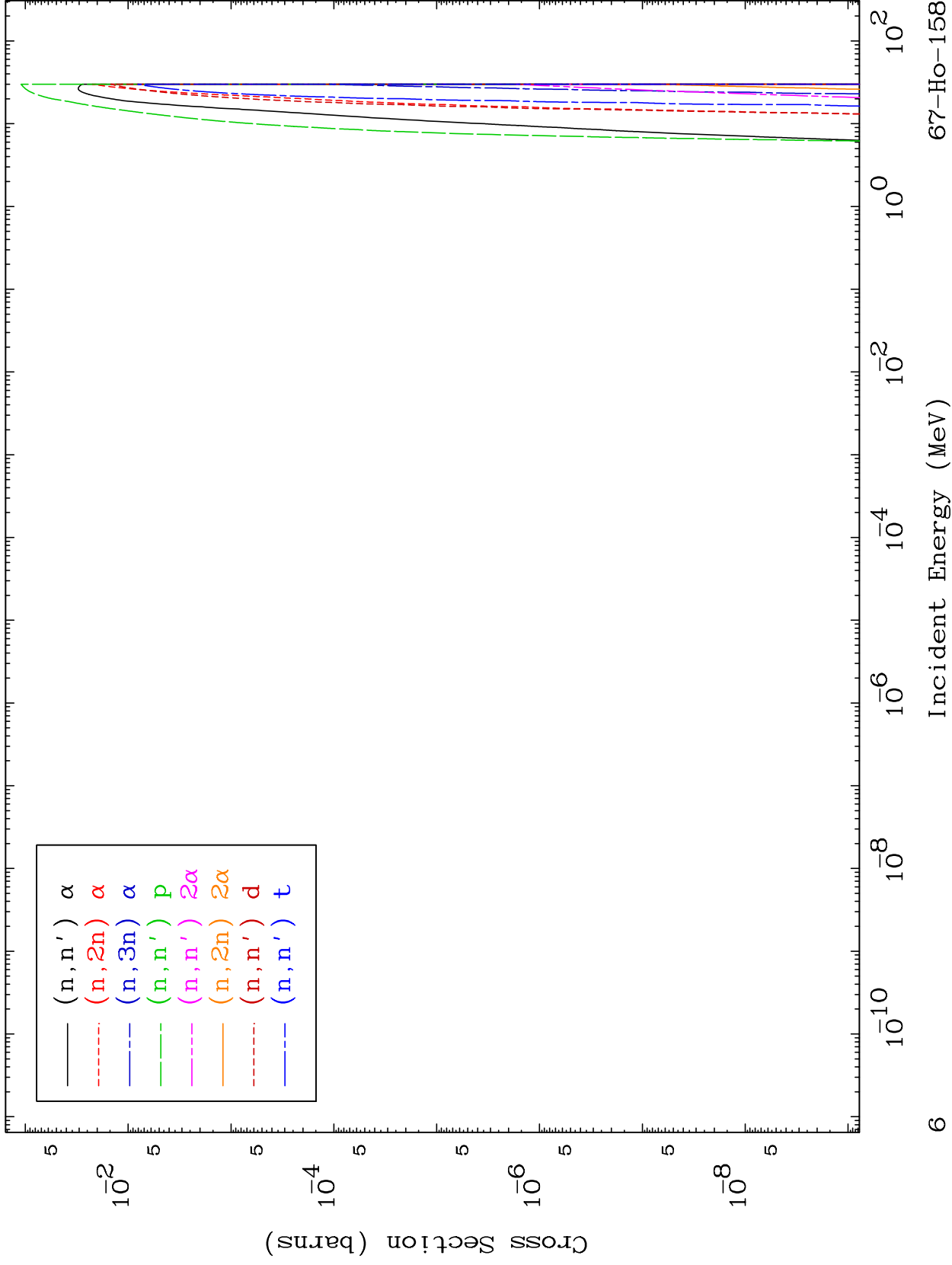




MAT 6704

Charged Particle  
293 Kelvin Cross Sections

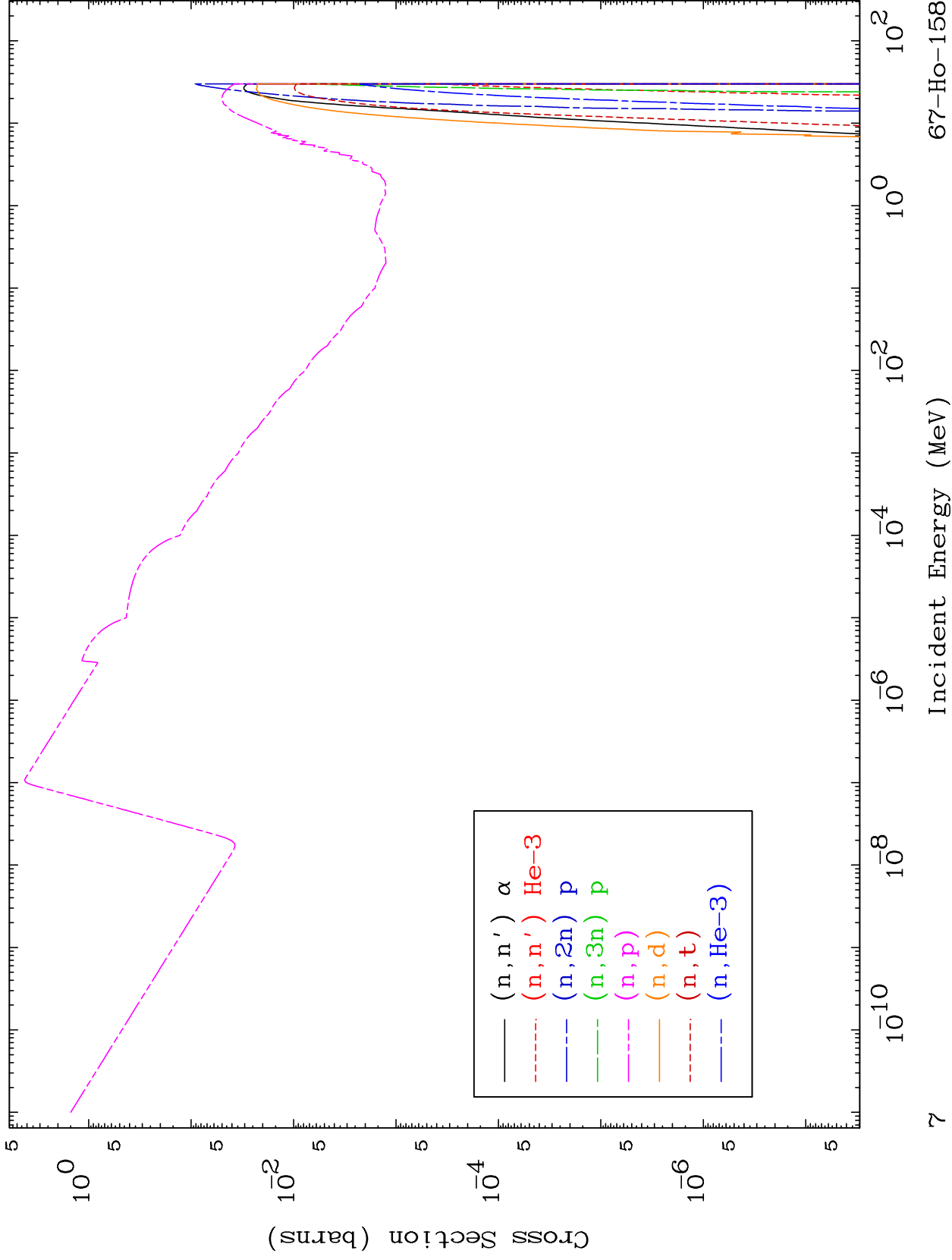
67-Ho-158



MAT 6704

Charged Particle  
293 Kelvin Cross Sections

67-Ho-158

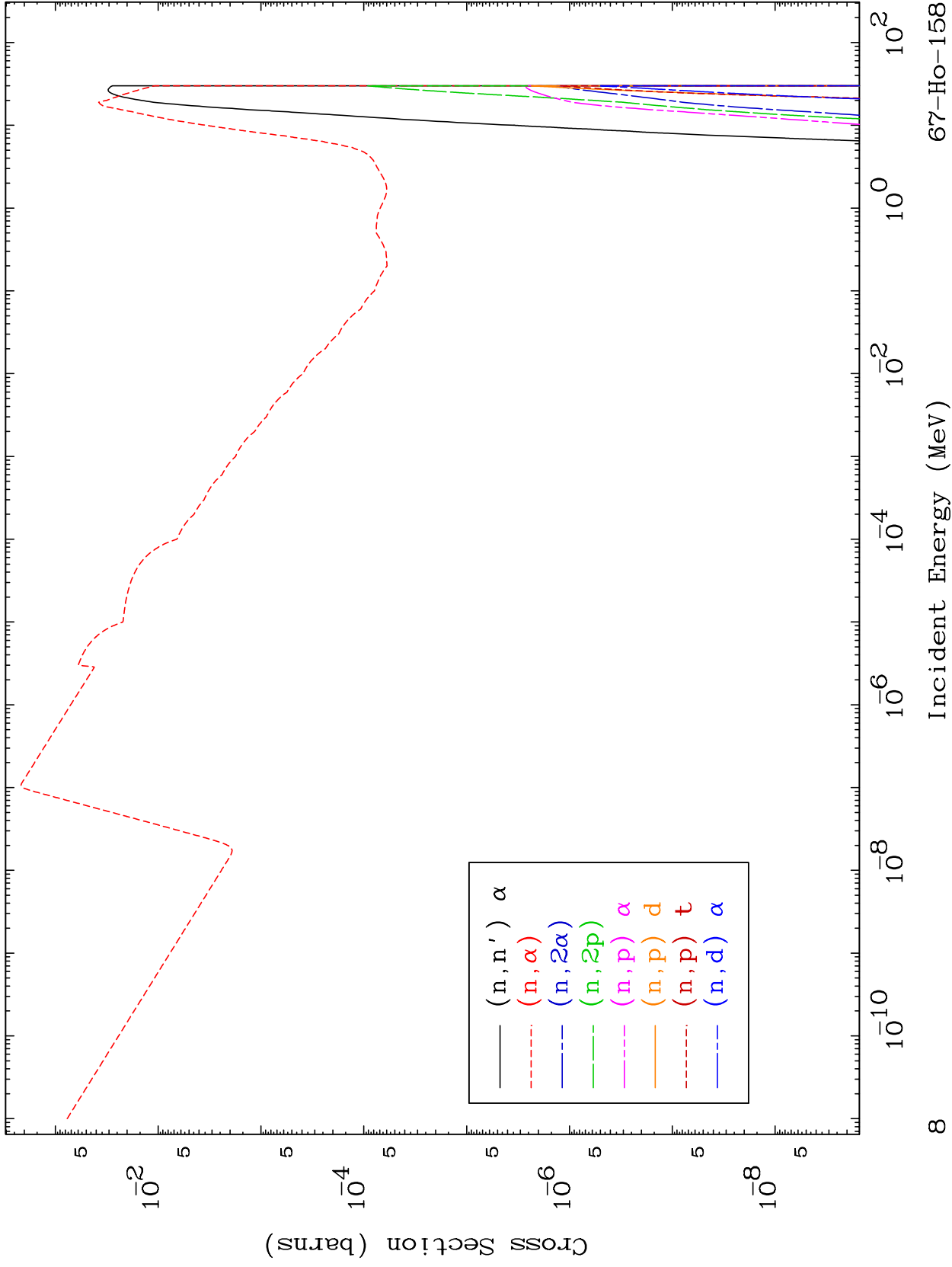




MAT 6704

Charged Particle  
293 Kelvin Cross Sections

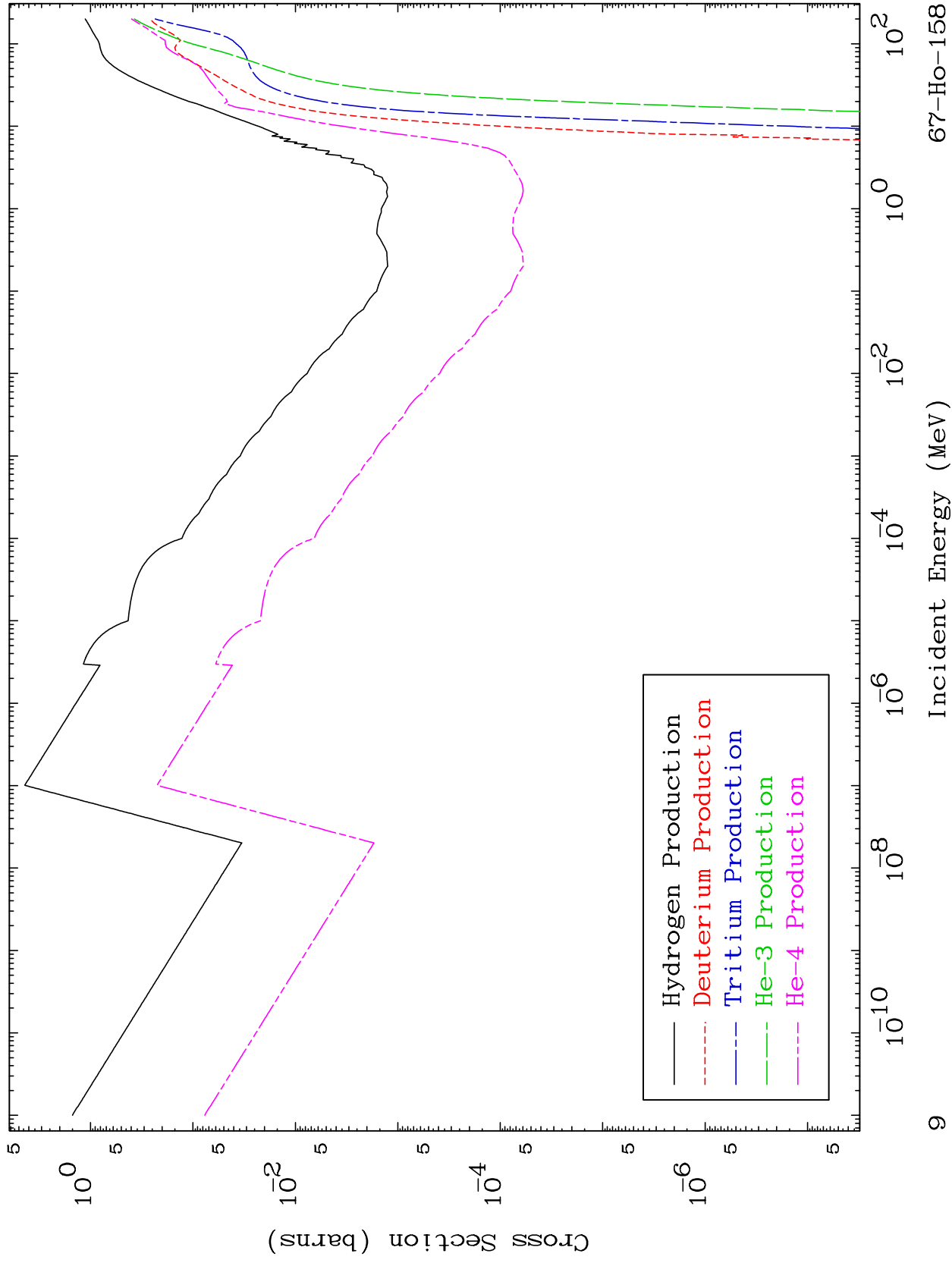
67-Ho-158



MAT 6704

Particle Production  
293 Kelvin Cross Sections

67-Ho-158

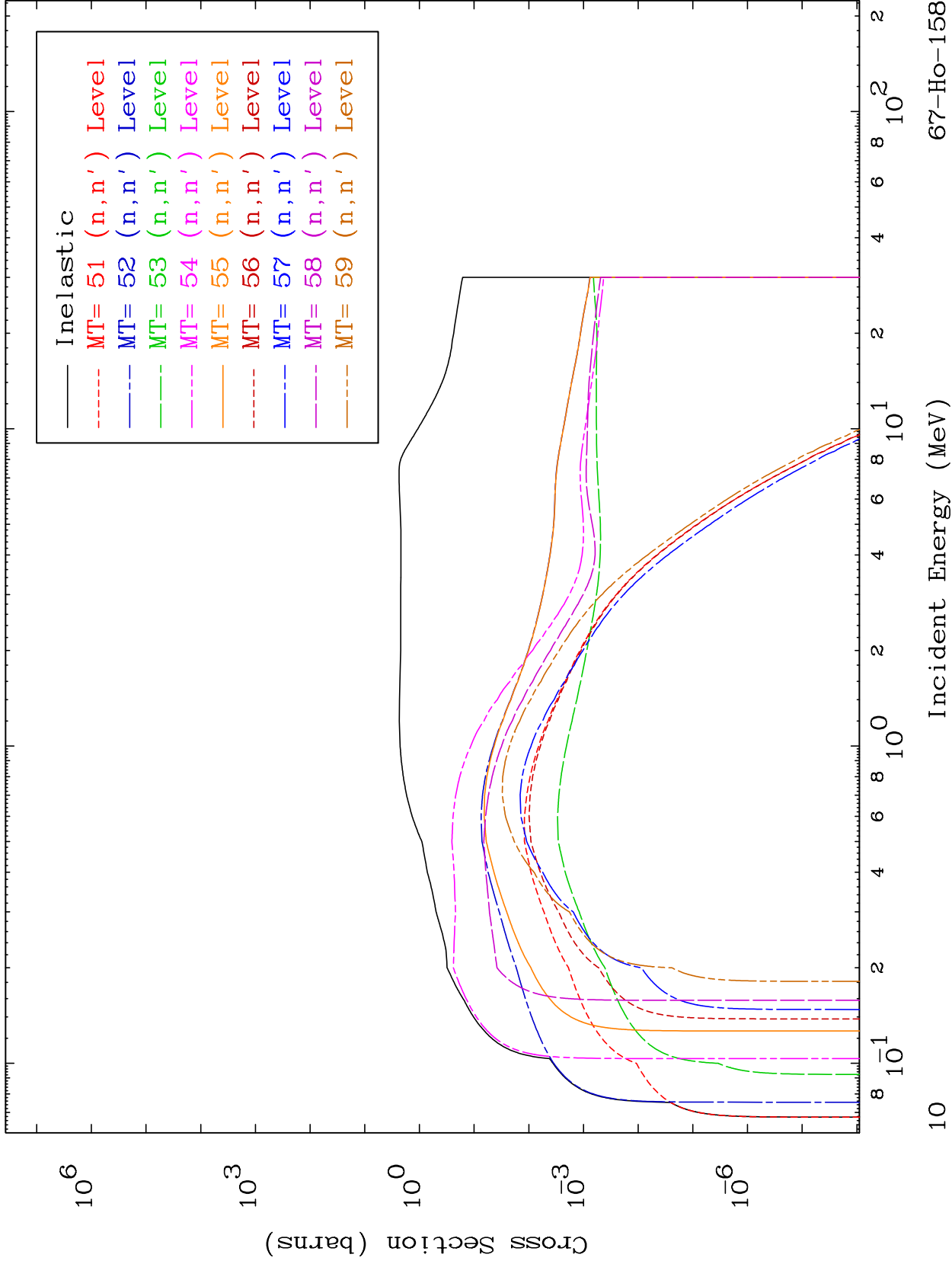


MAT 6704

(n,n') Levels

67-Ho-158

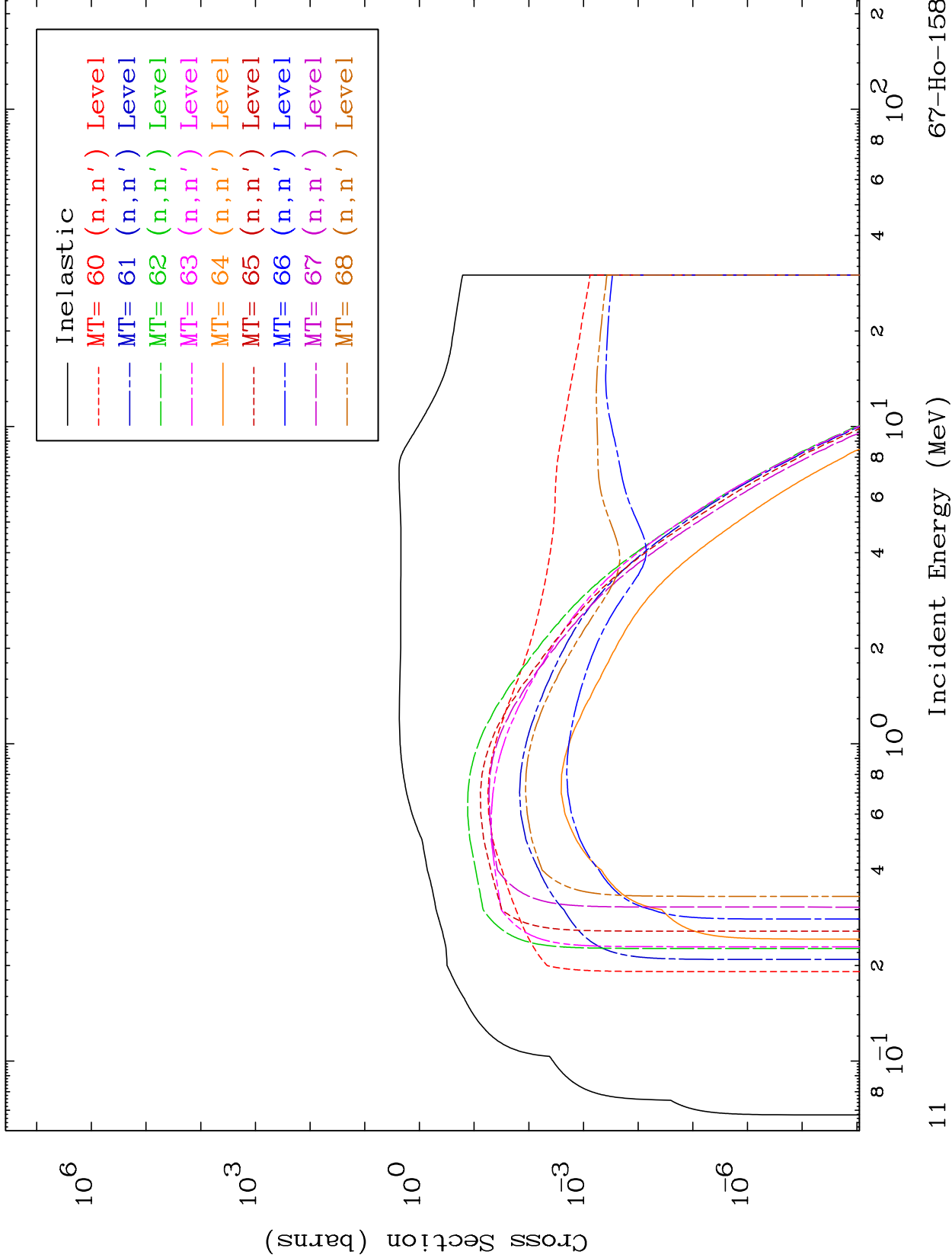
293 Kelvin Cross Sections



10

Incident Energy (MeV)

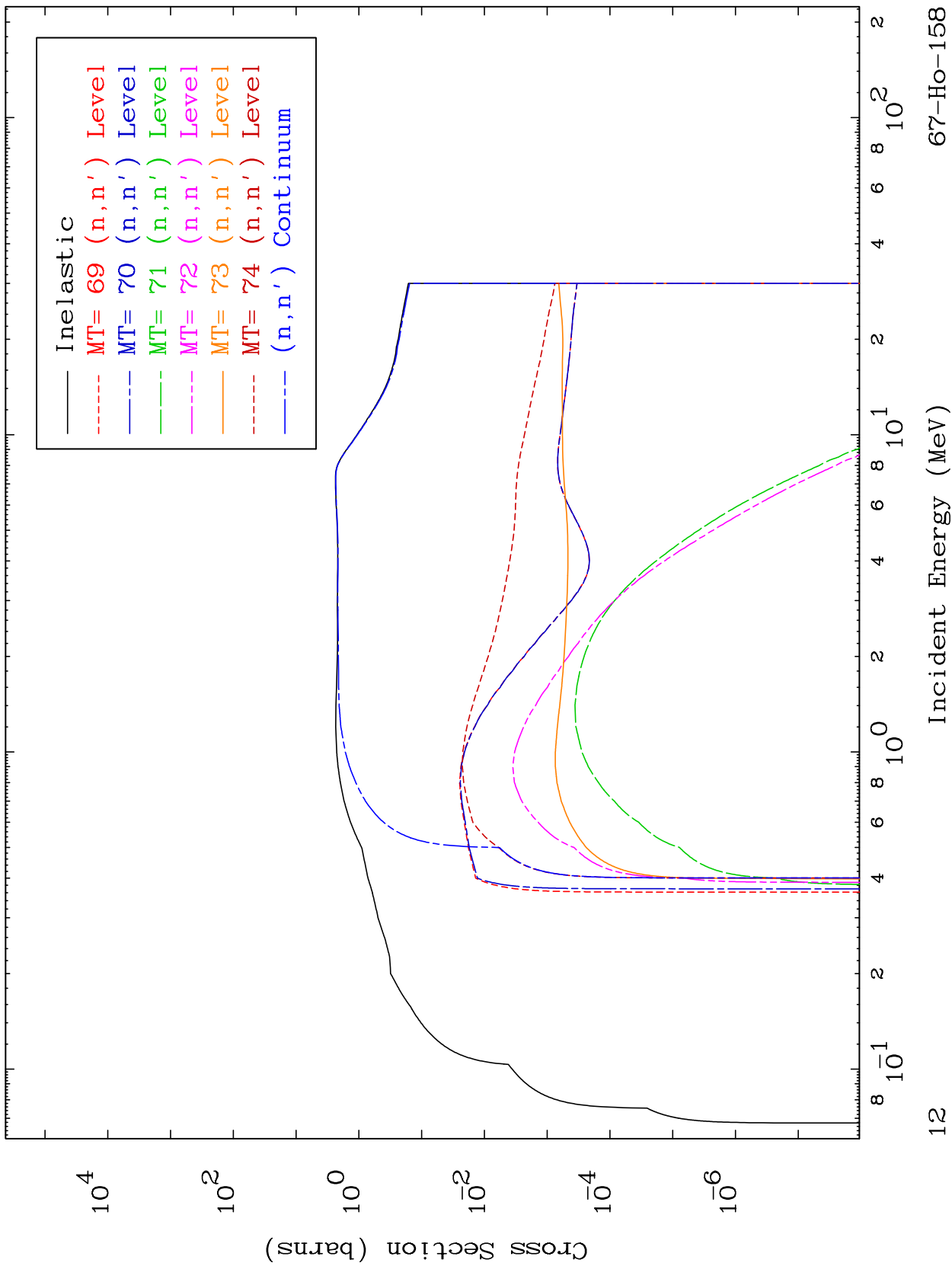
67-Ho-158



MAT 6704

(n,n') Levels  
293 Kelvin Cross Sections

67-Ho-158



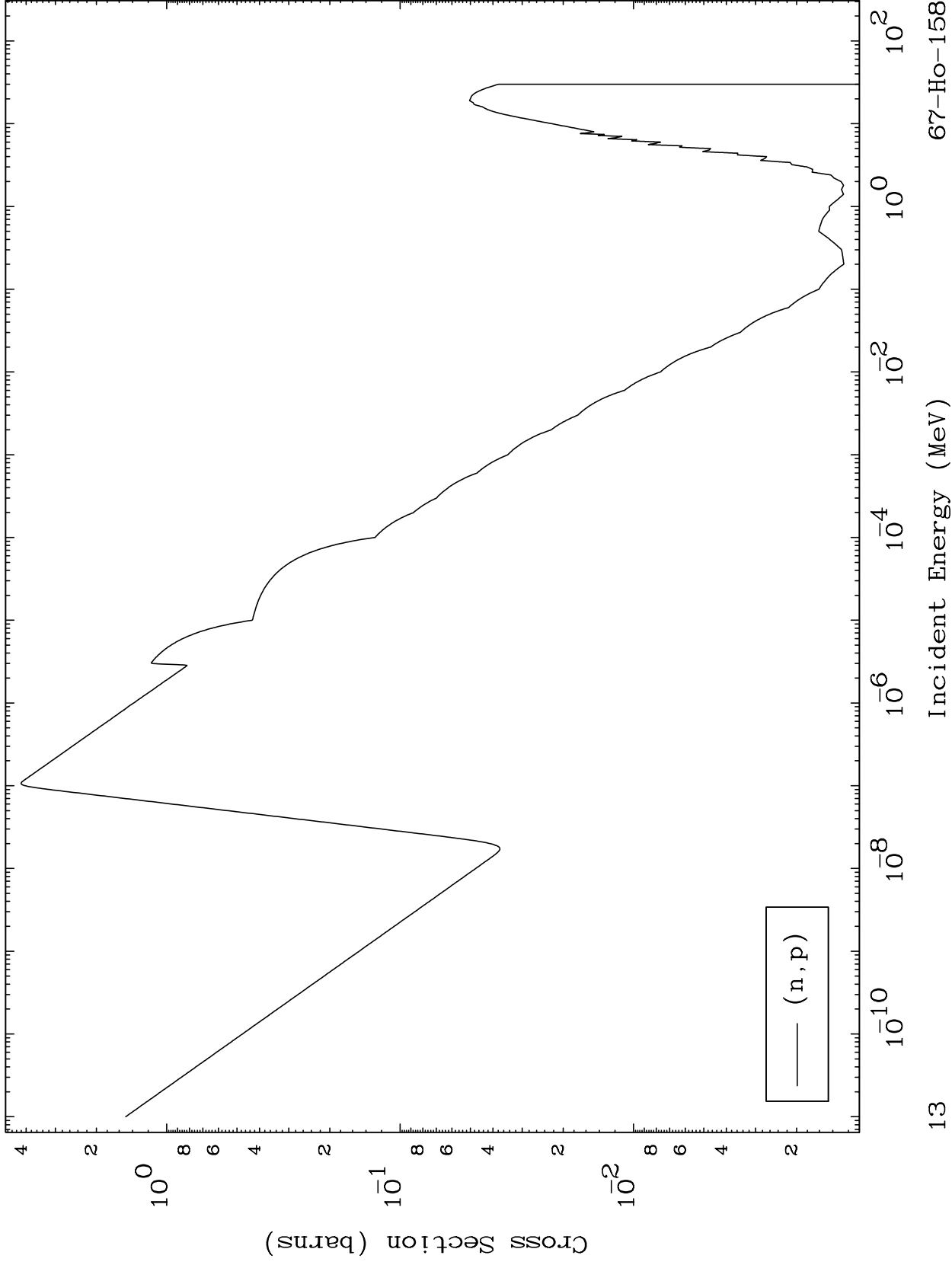
12

67-Ho-158

MAT 6704

(n,p) Levels  
293 Kelvin Cross Sections

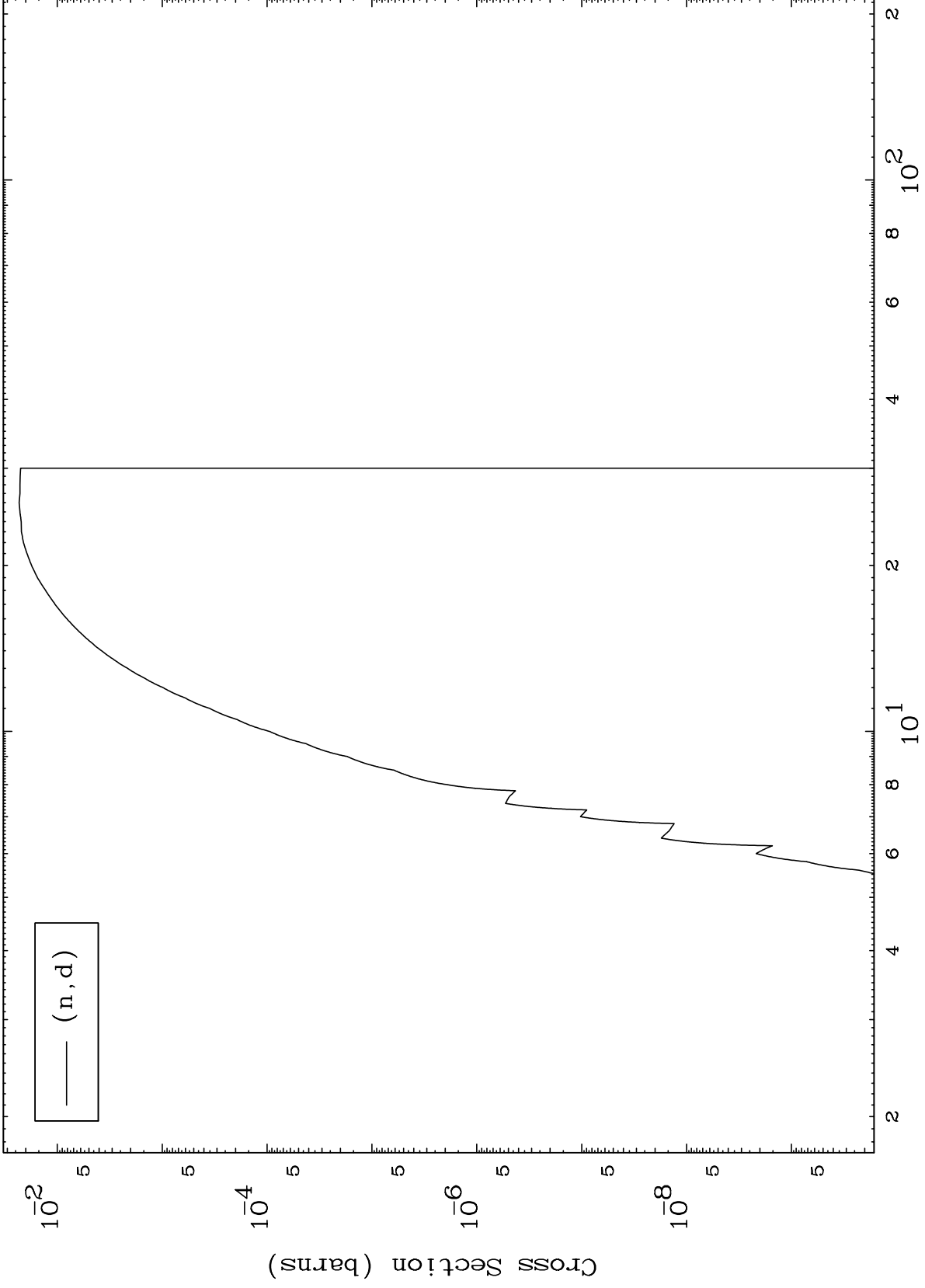
67-Ho-158



MAT 6704

(n,d) Levels  
293 Kelvin Cross Sections

67-Ho-158



14

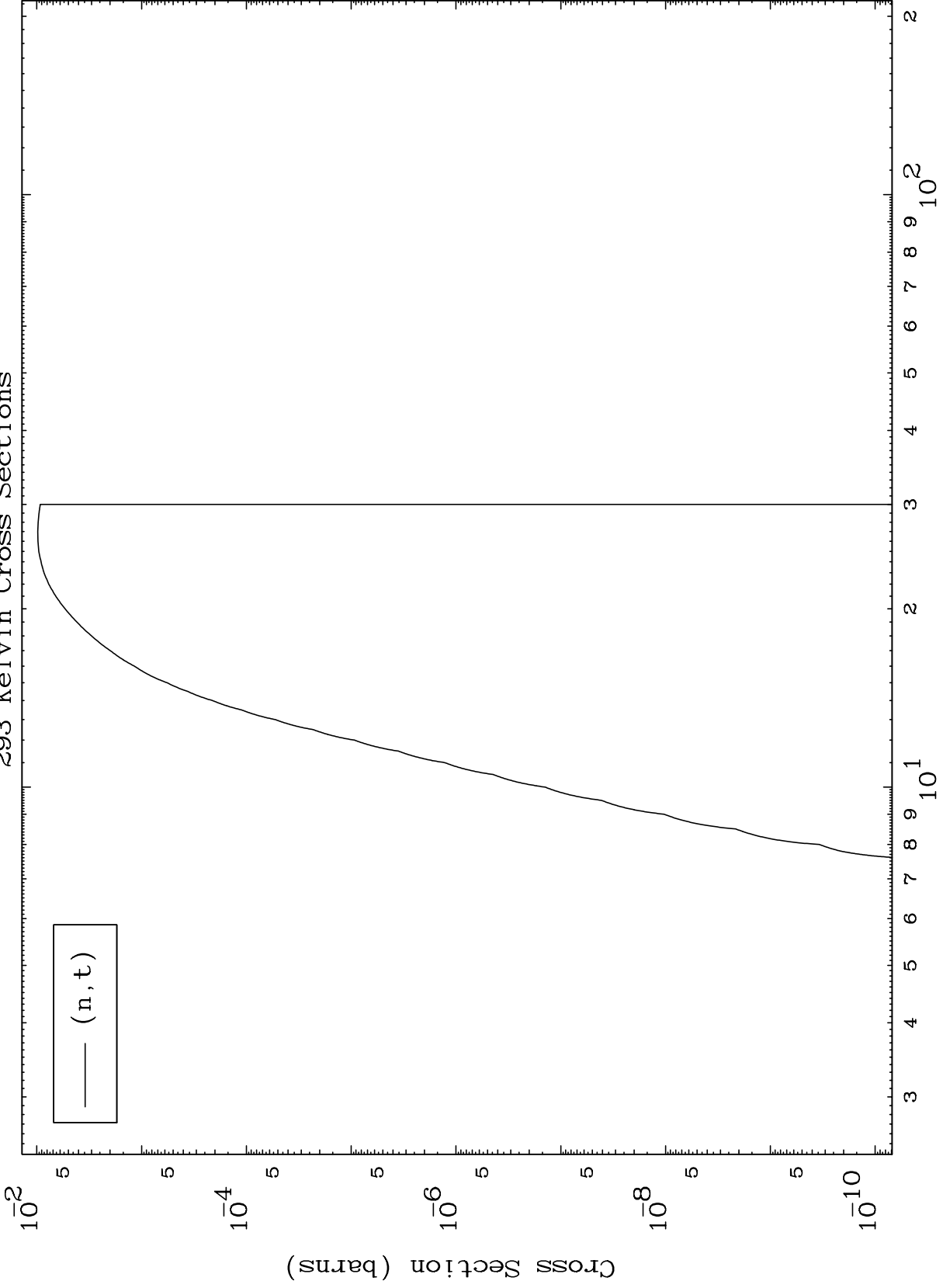
Incident Energy (MeV)

67-Ho-158

MAT 6704

(n,t) Levels  
293 Kelvin Cross Sections

67-Ho-158



15

Incident Energy (MeV)

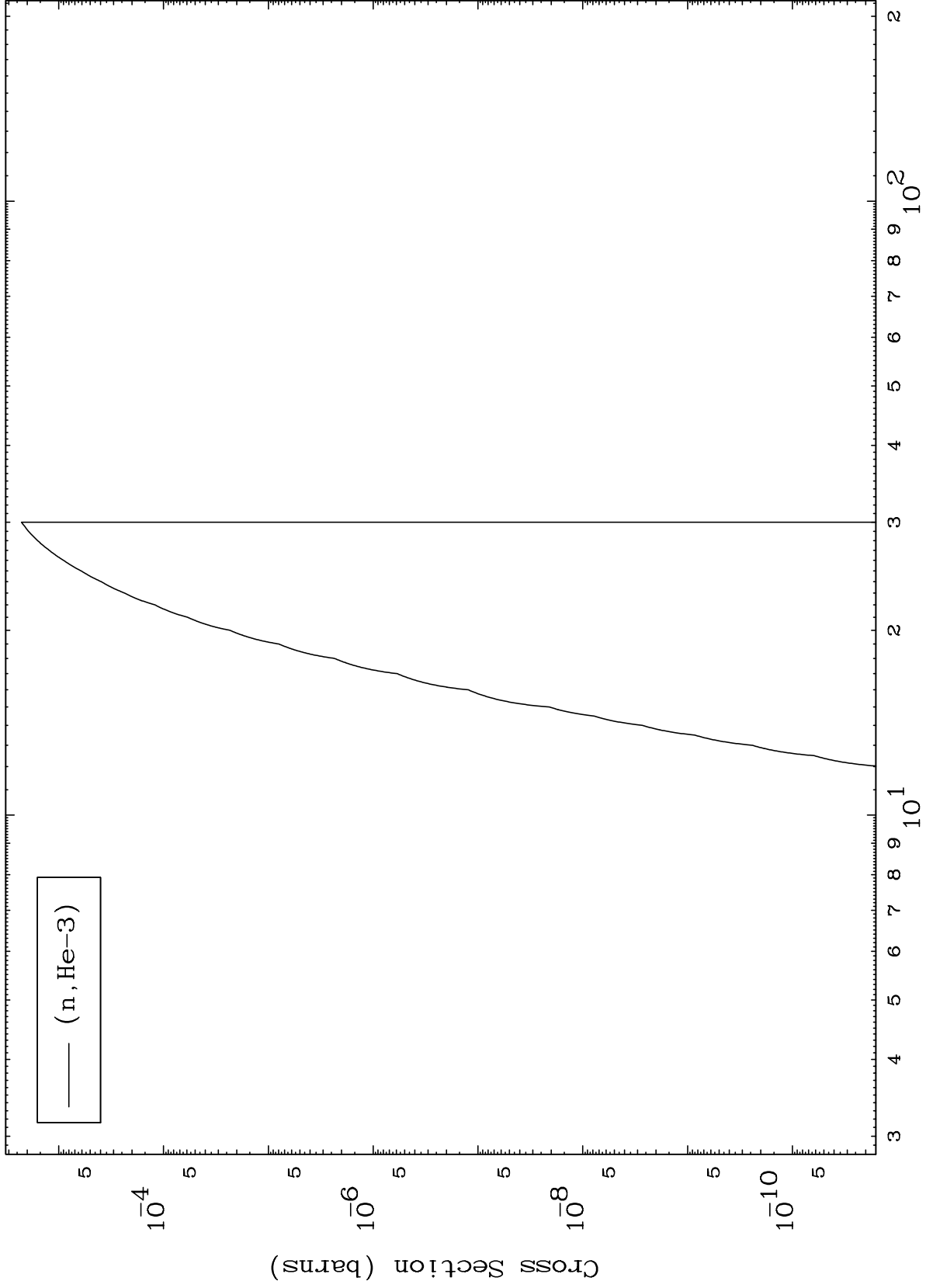
67-Ho-158



MAT 6704

(n,He3) Levels  
293 Kelvin Cross Sections

67-Ho-158



16

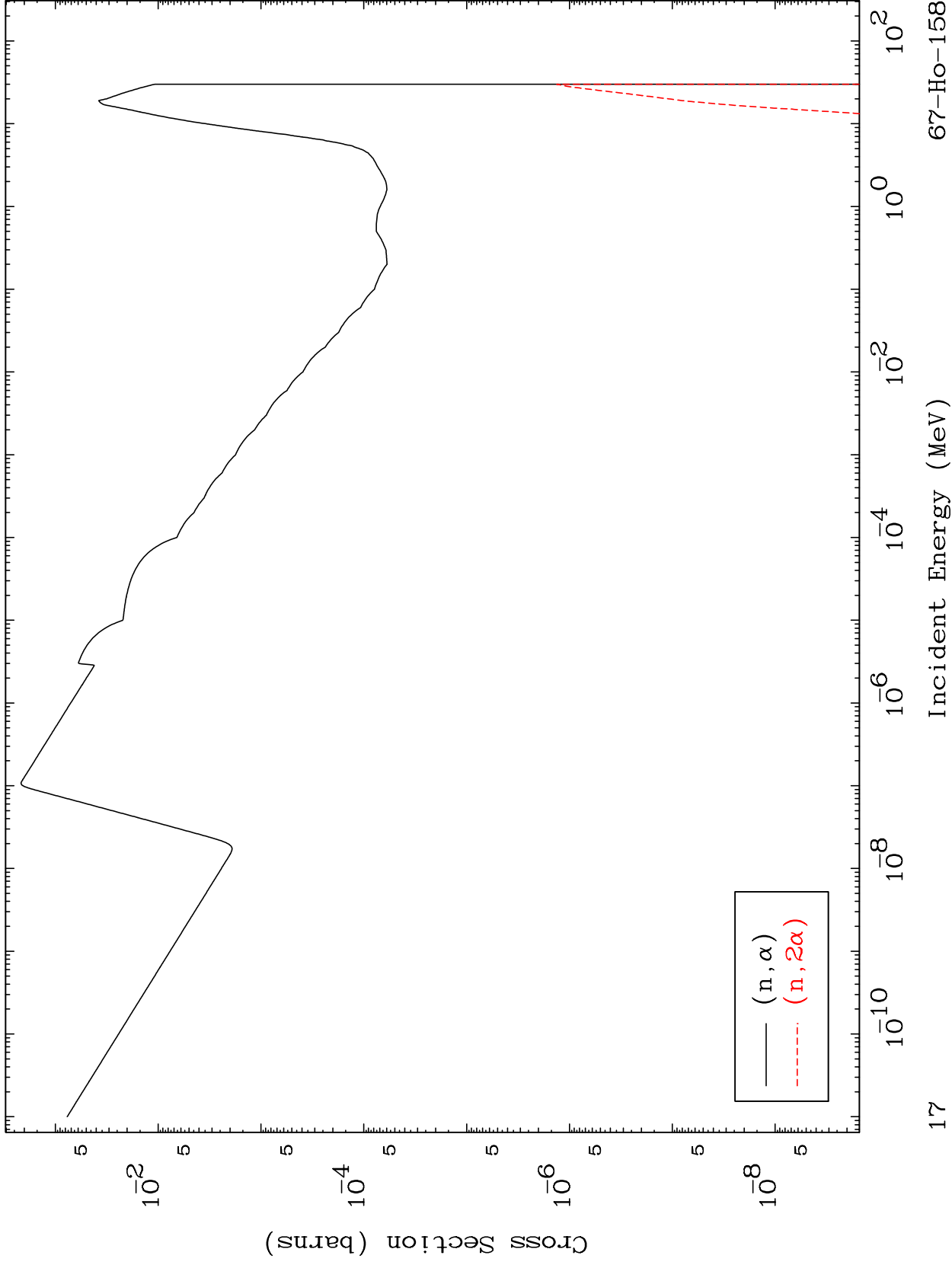
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

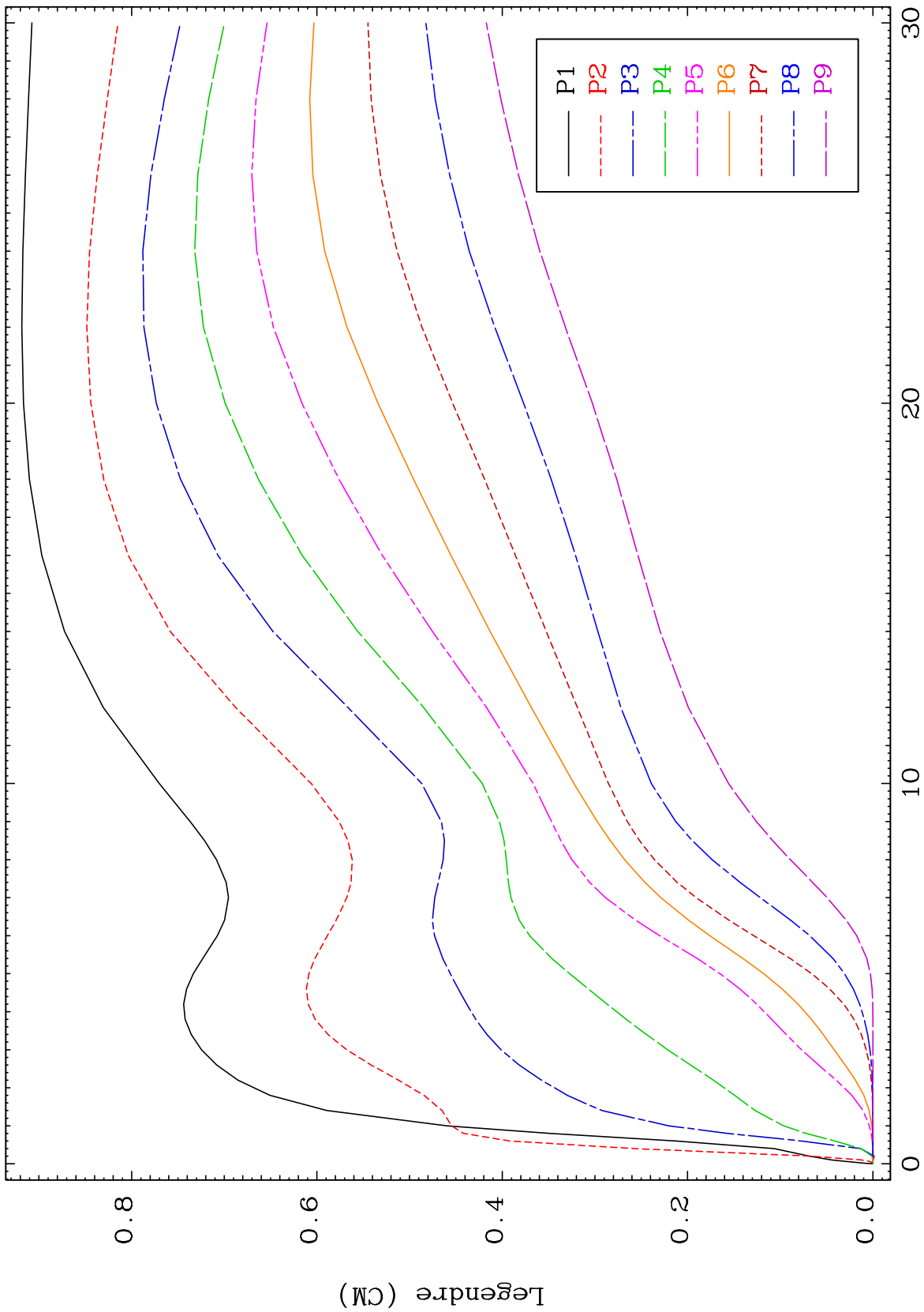
67-Ho-158



MAT 6704

67-Ho-158

Elastic Legendre Coefficients



67-Ho-158

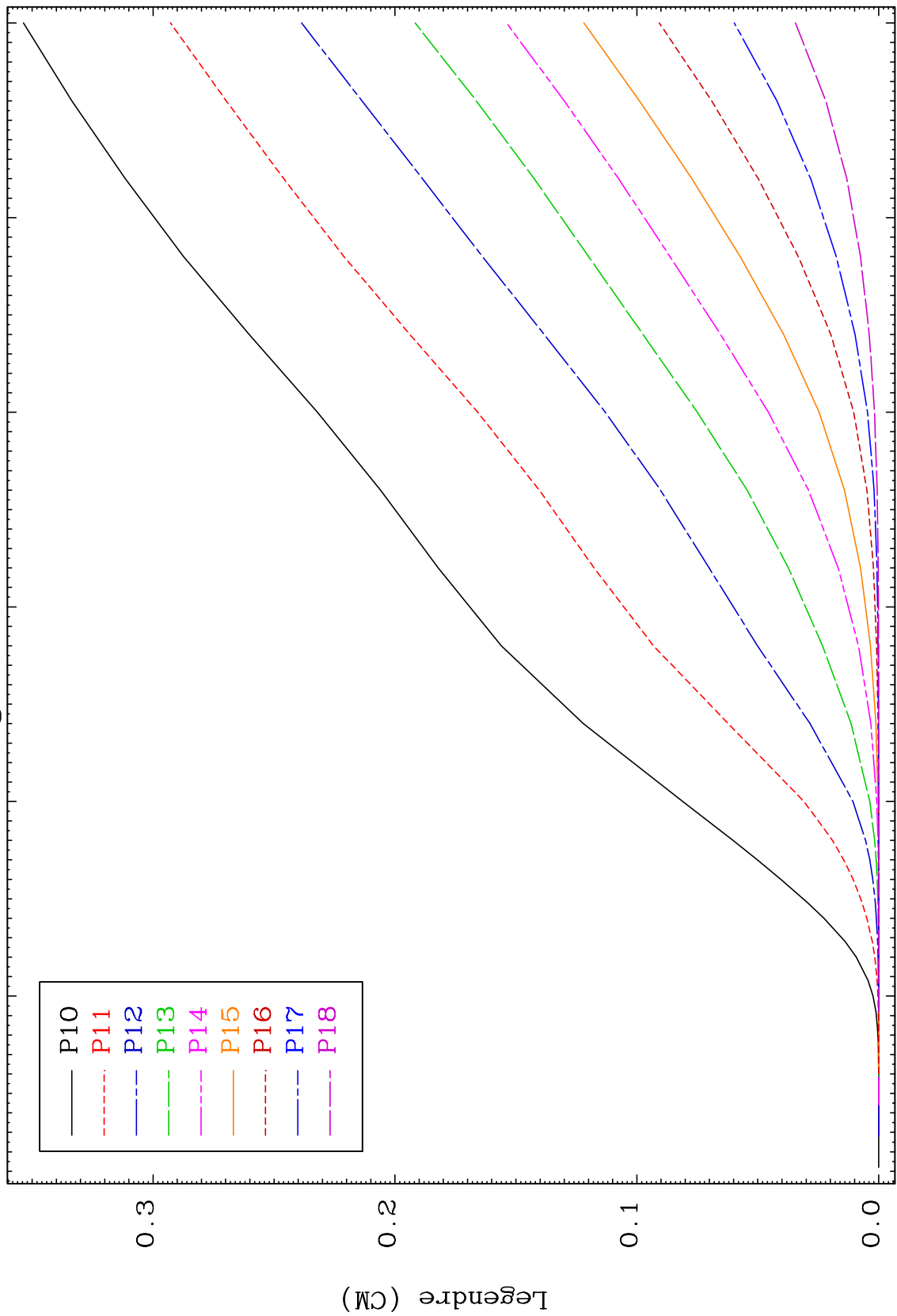
Incident Energy (MeV)

18

MAT 6704

Elastic Legendre Coefficients

67-Ho-158



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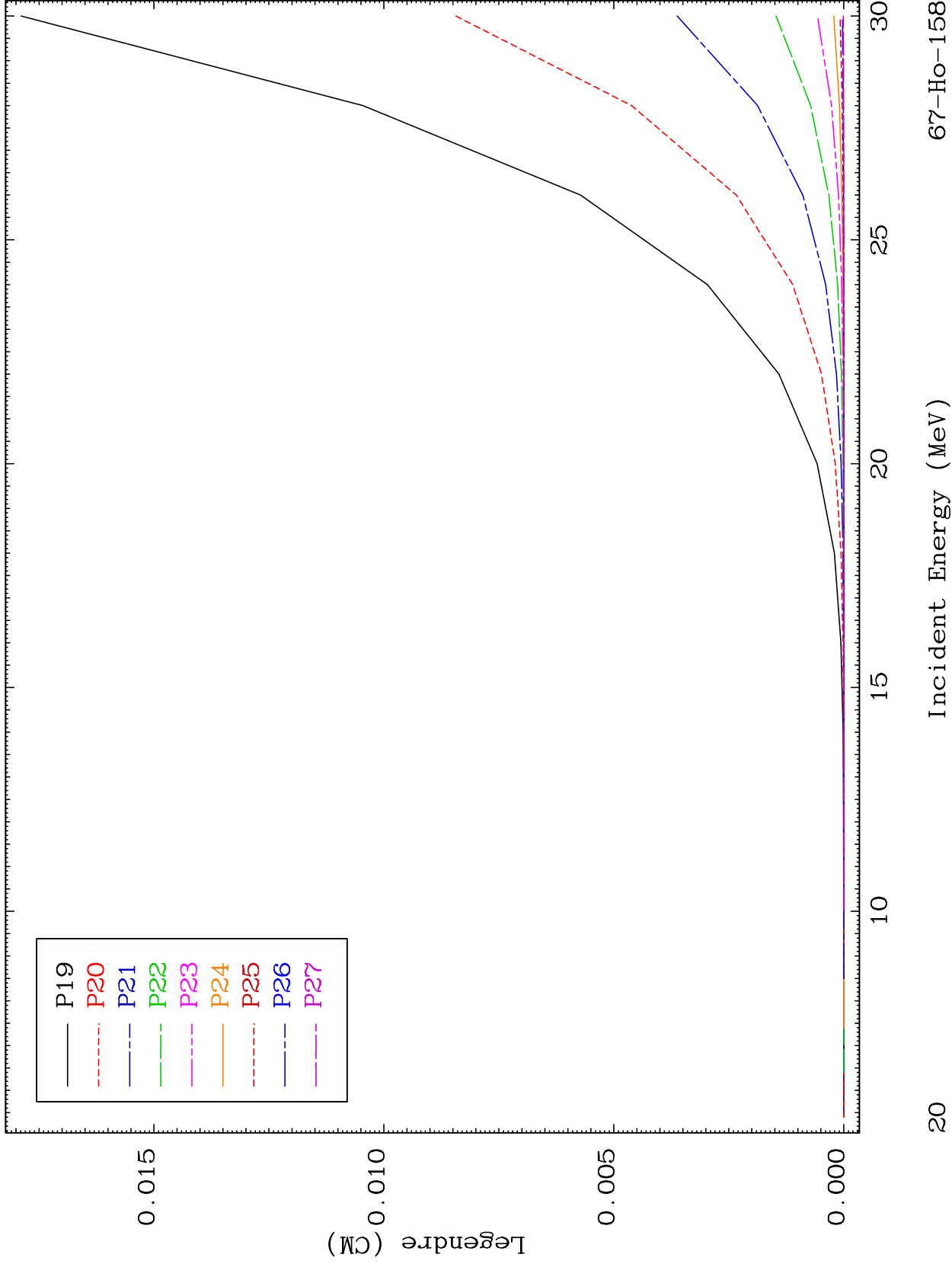
67-Ho-158

Incident Energy (MeV)

MAT 6704

### Elastic Legendre Coefficients

67-Ho-158



20

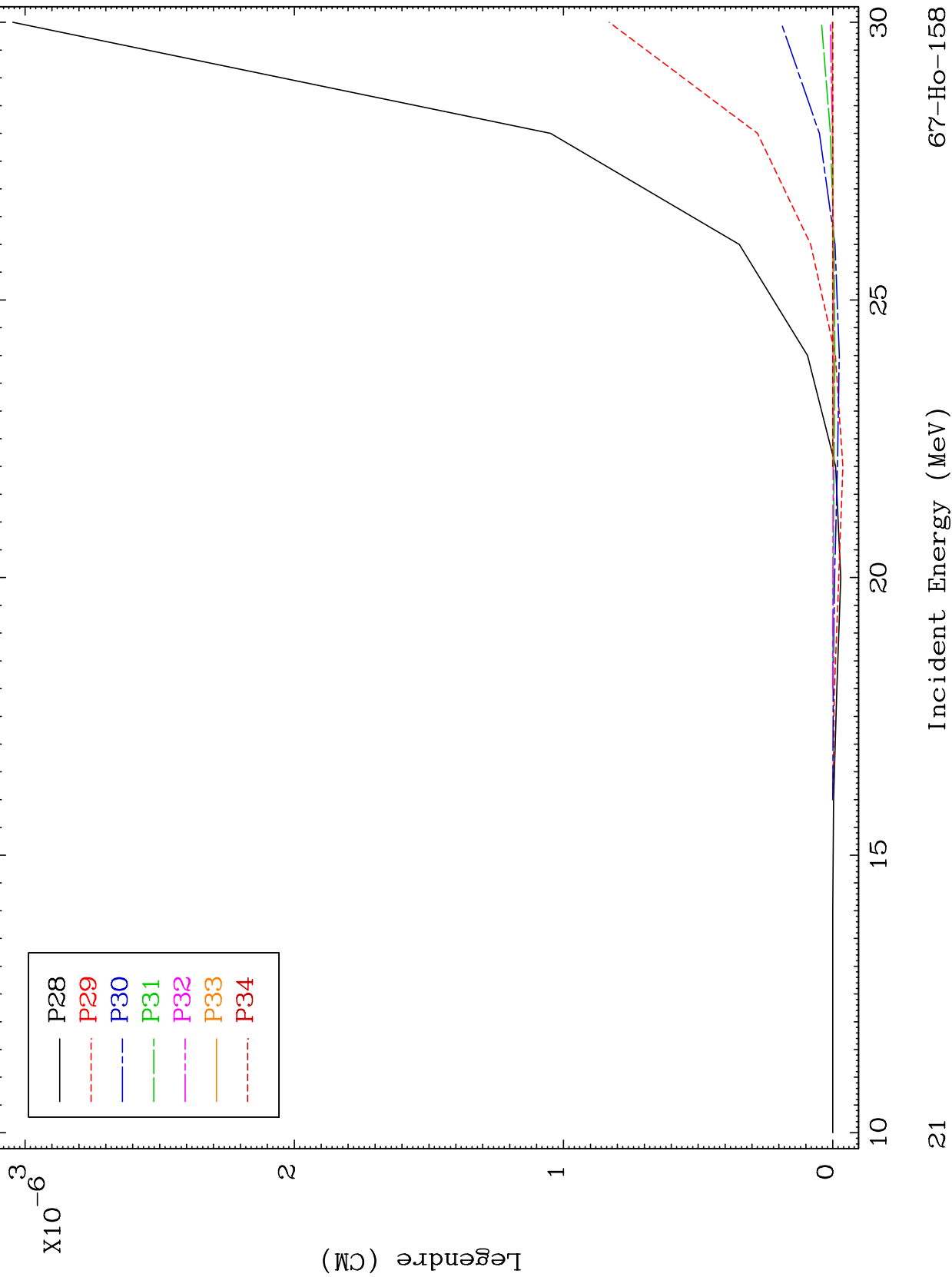
Incident Energy (MeV)

67-Ho-158

MAT 6704

Elastic Legendre Coefficients

67-Ho-158



21

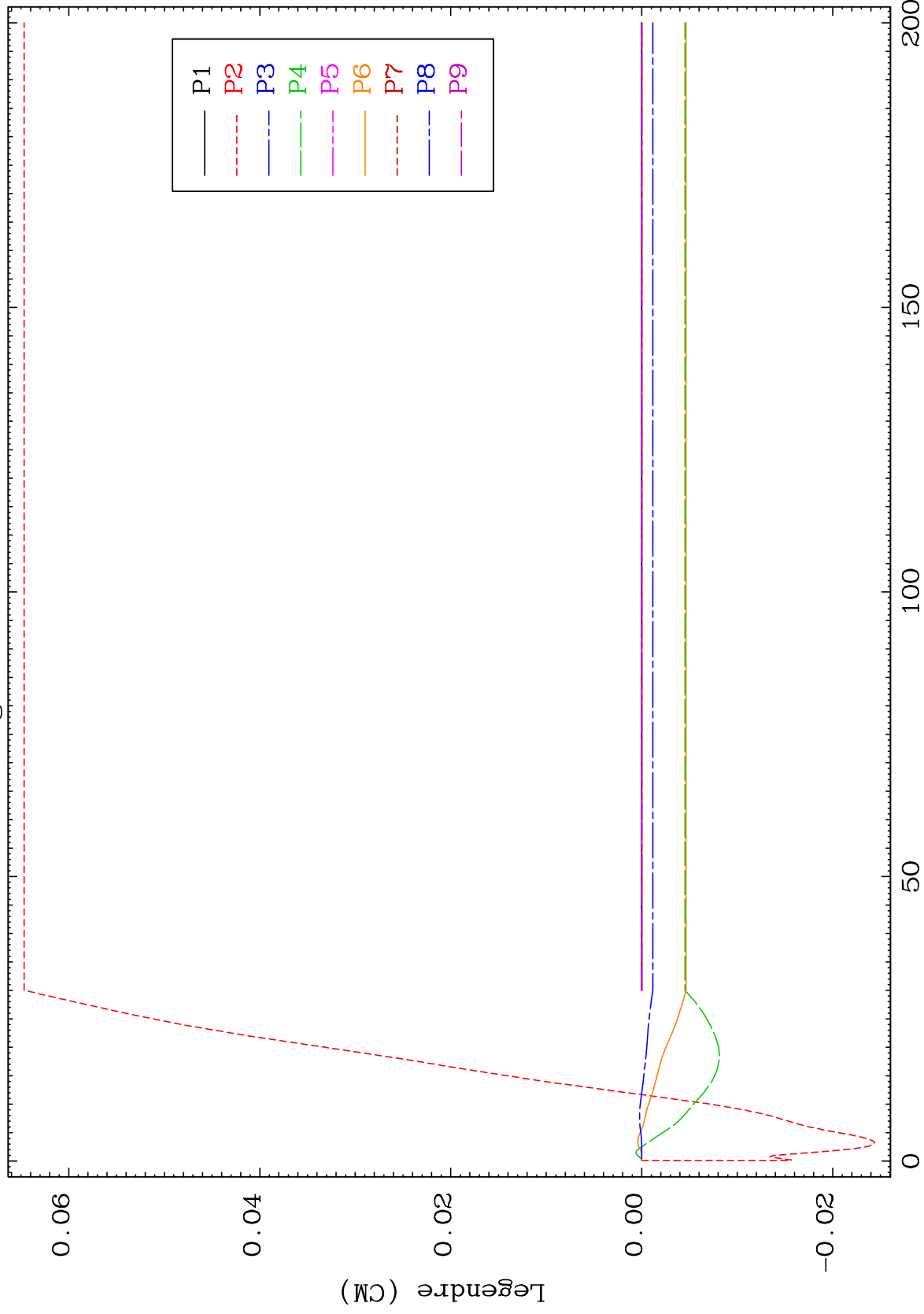
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



22

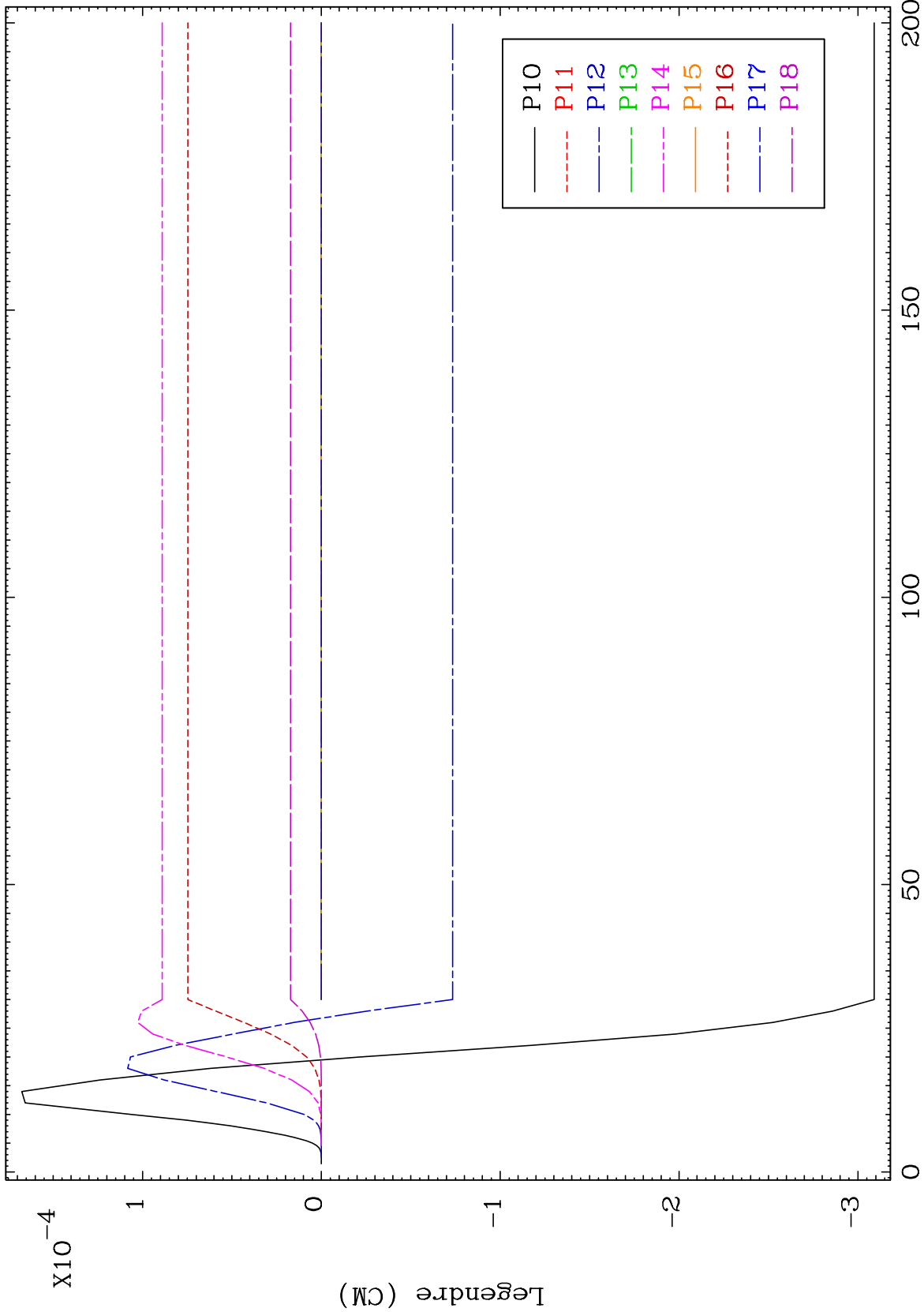
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158

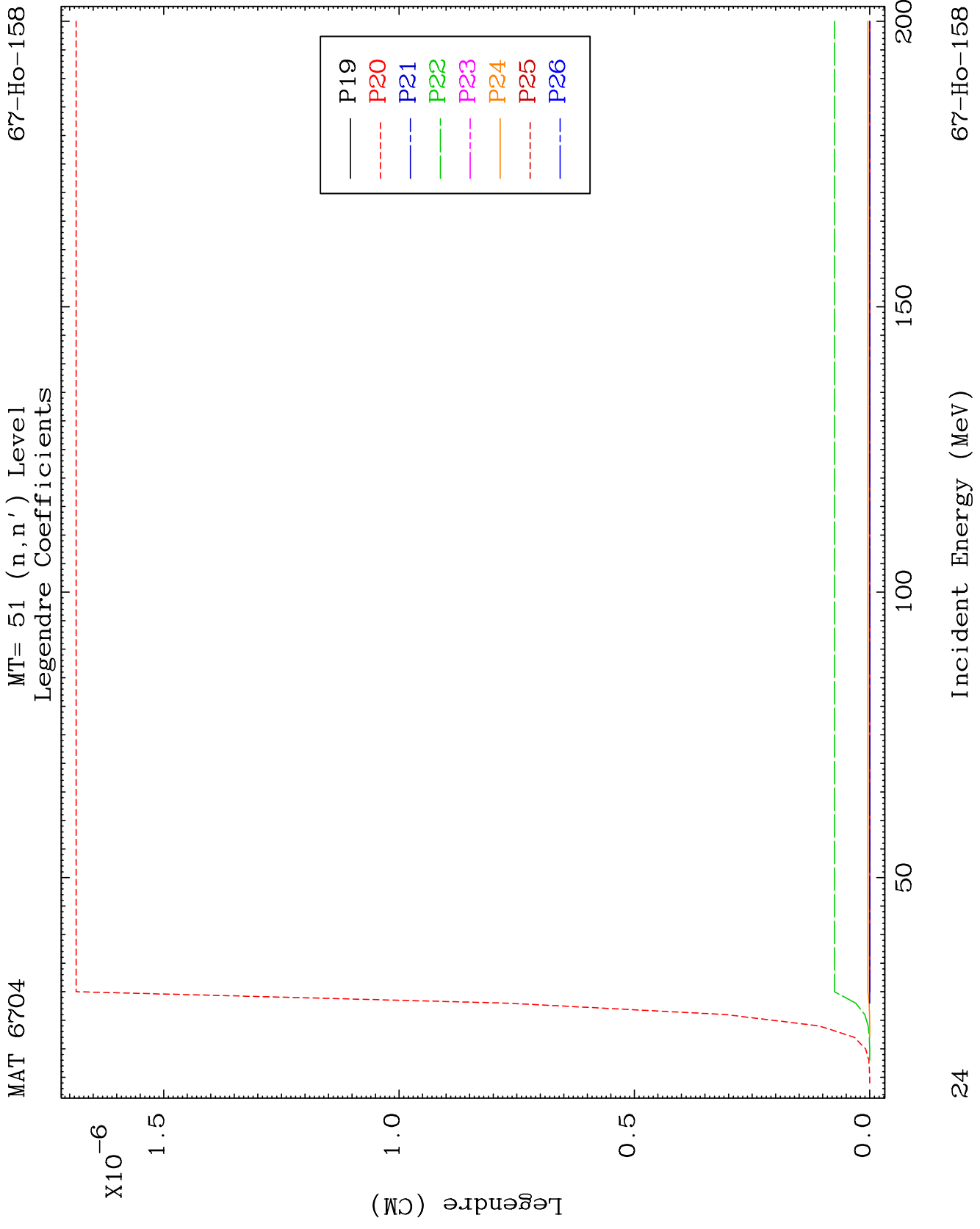


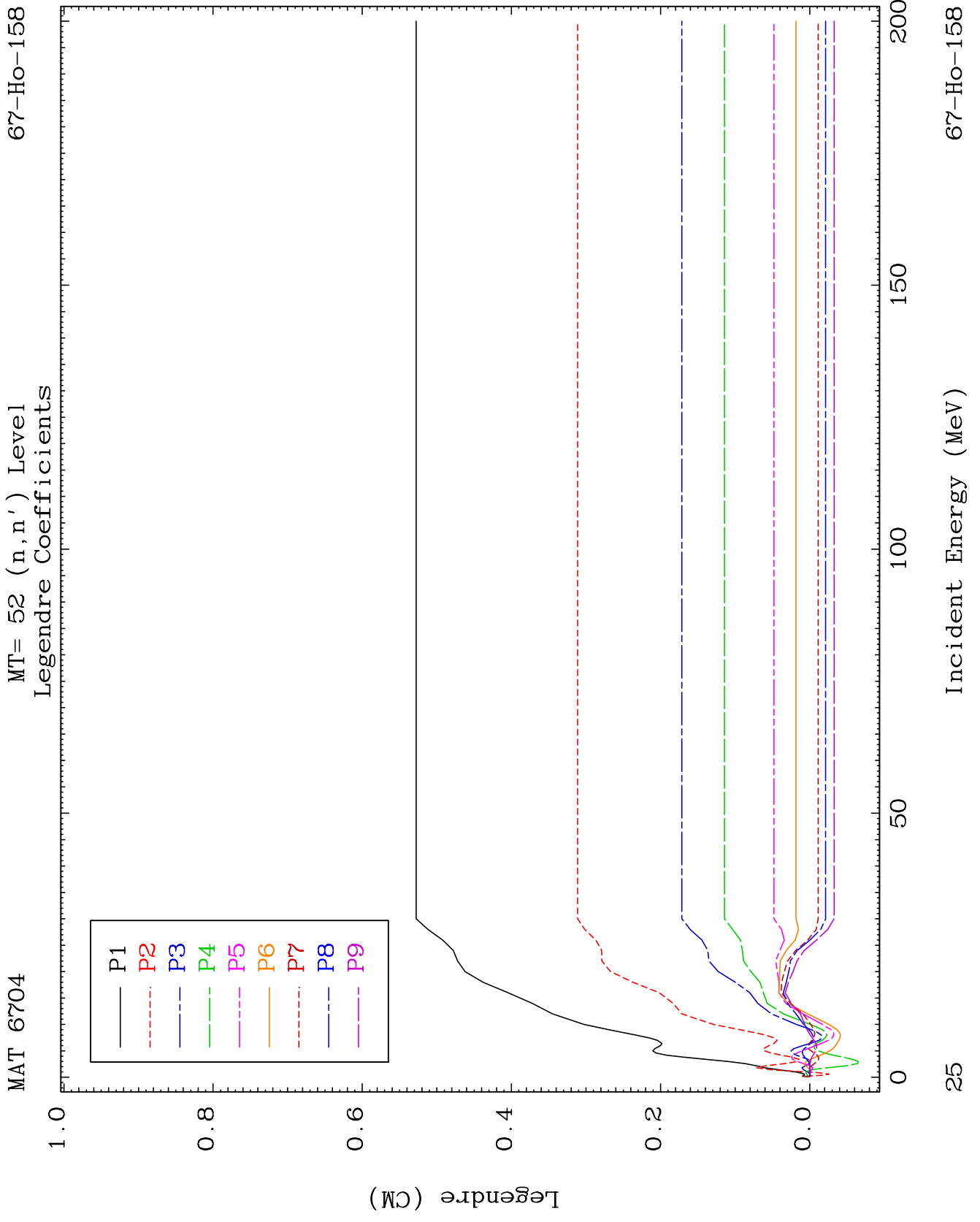
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Incident Energy (MeV)

67-Ho-158



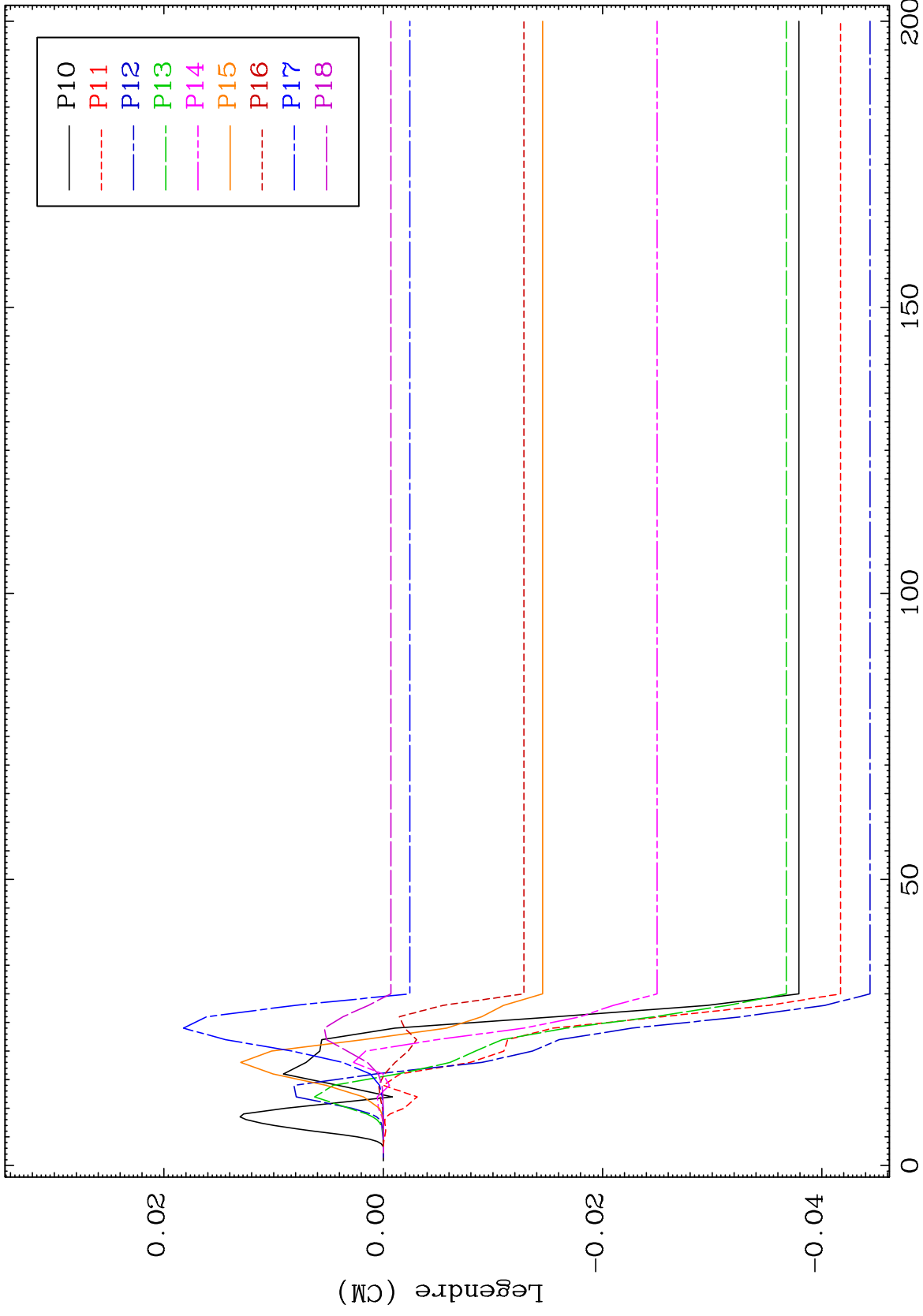




MAT 6704

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

67-Ho-158



26

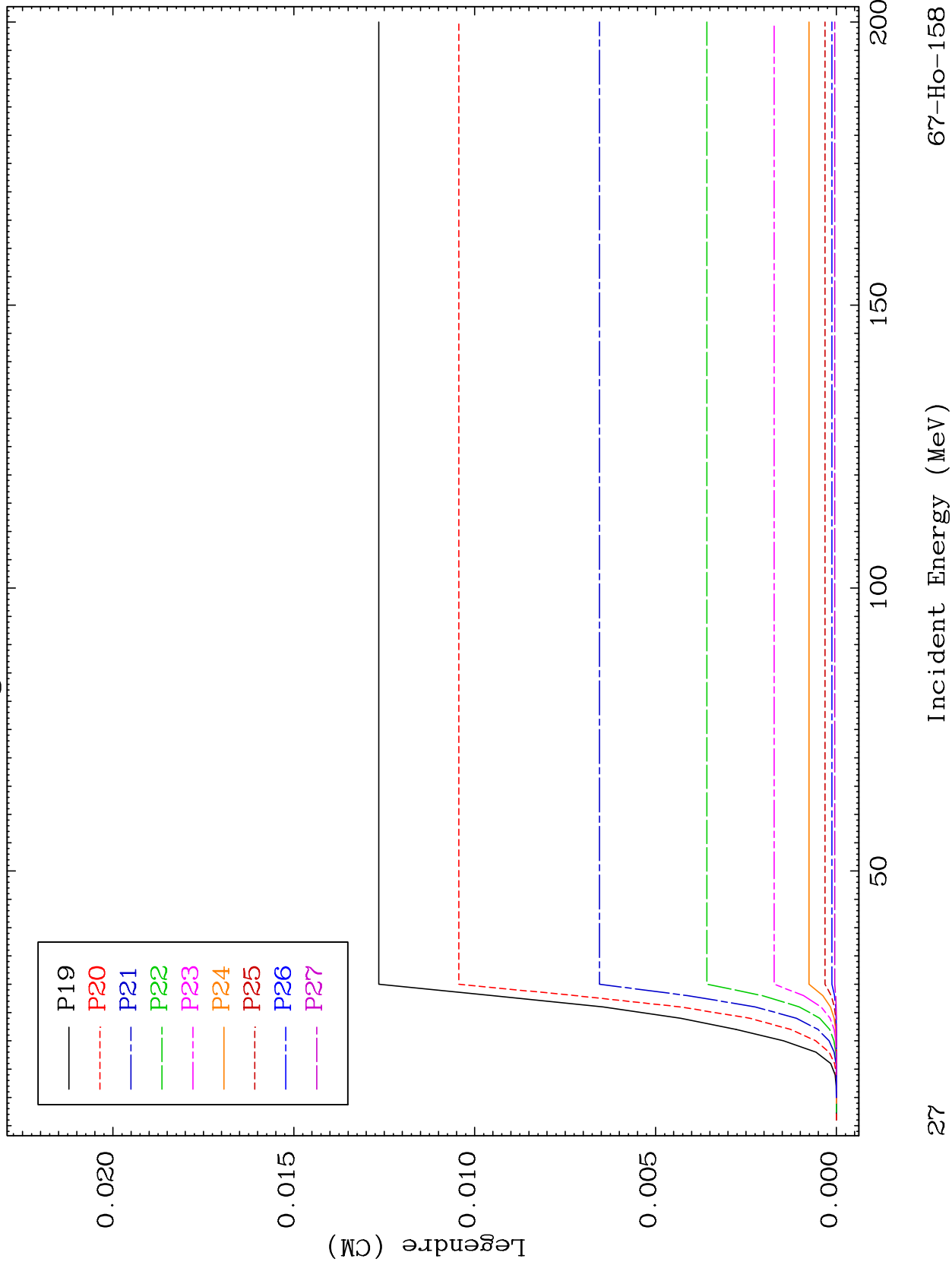
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



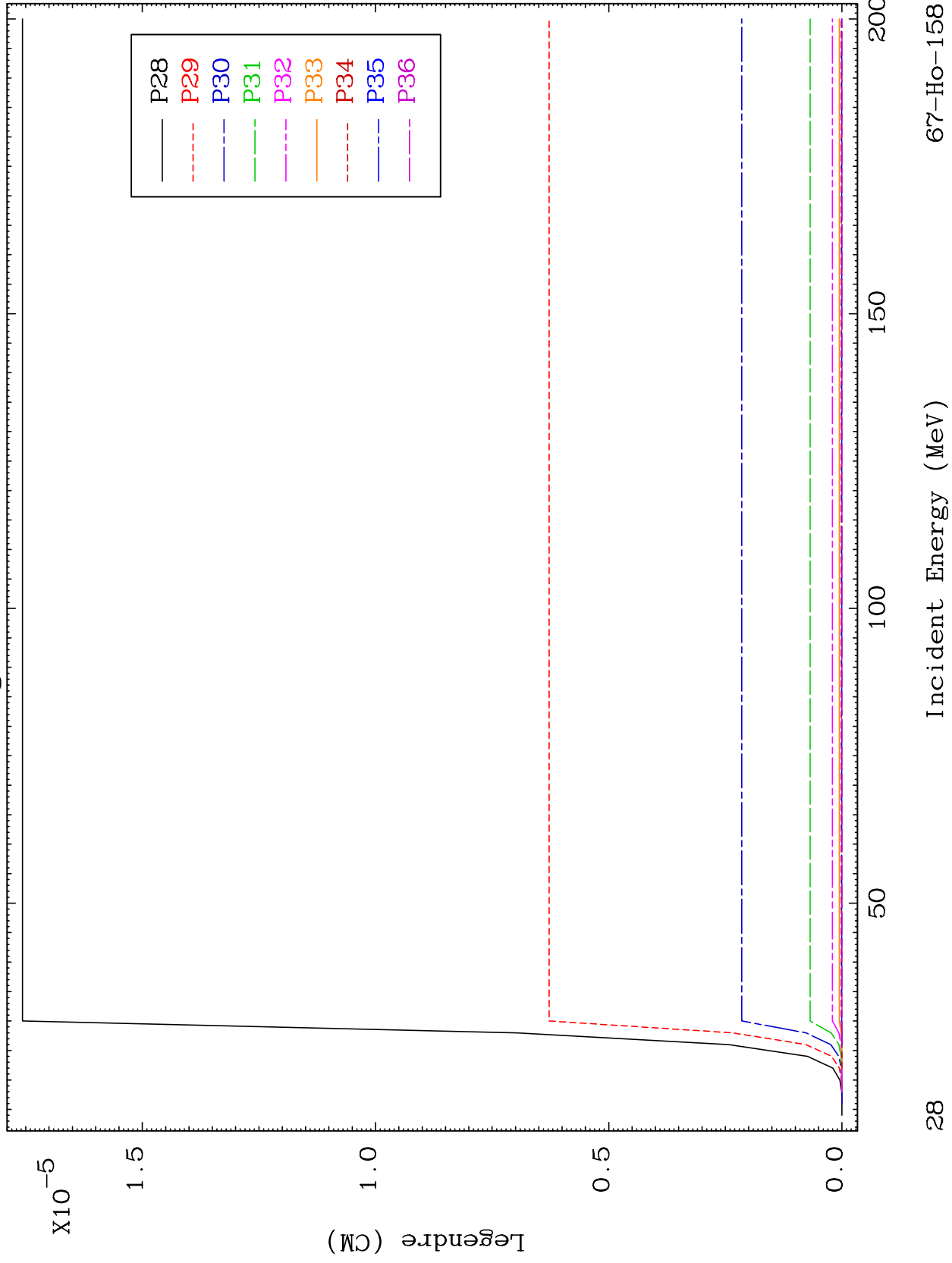
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67-Ho-158

MAT 6704

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

67-Ho-158



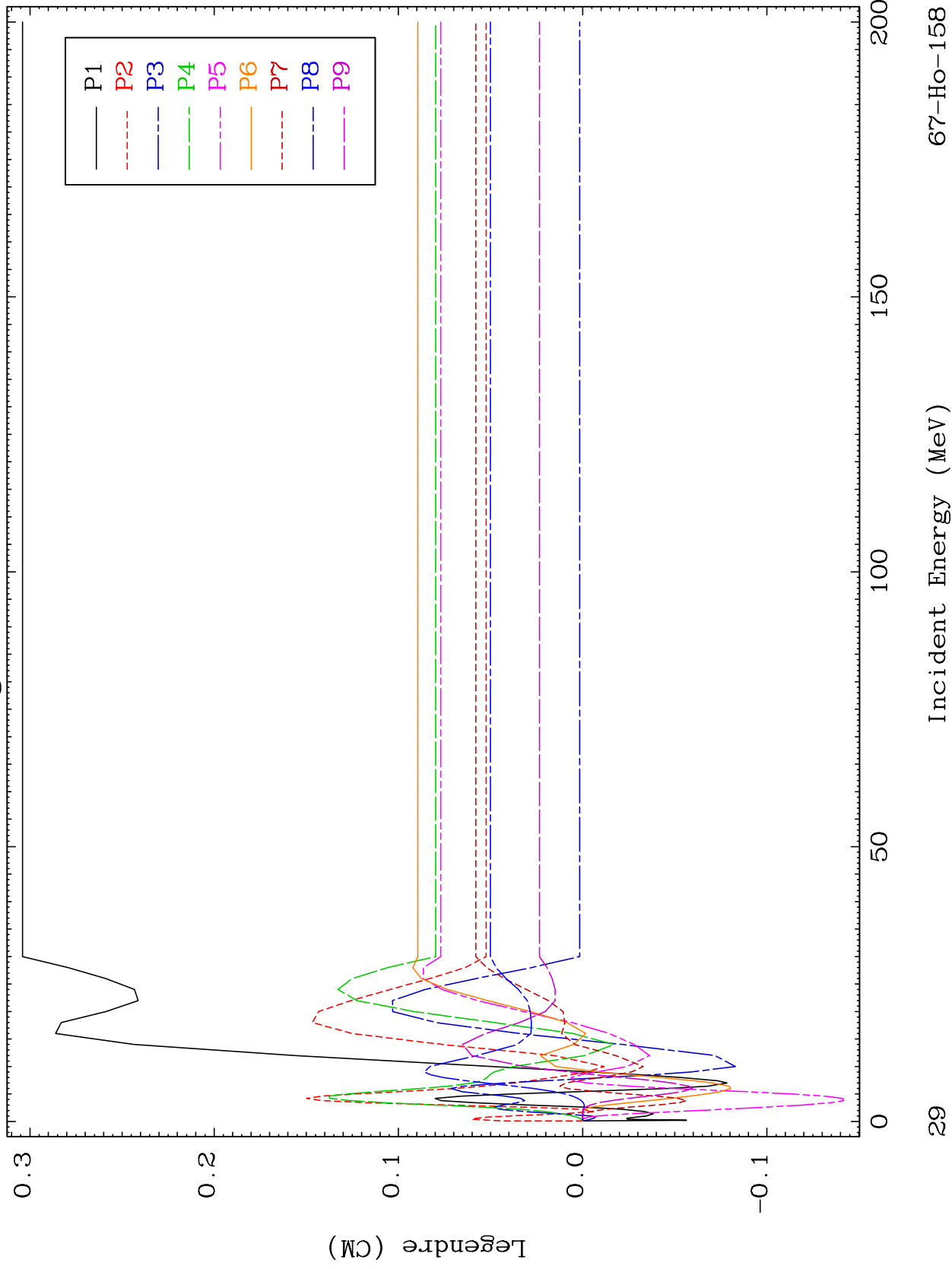
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67-Ho-158

MAT 6704

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

67-Ho-158



67-Ho-158

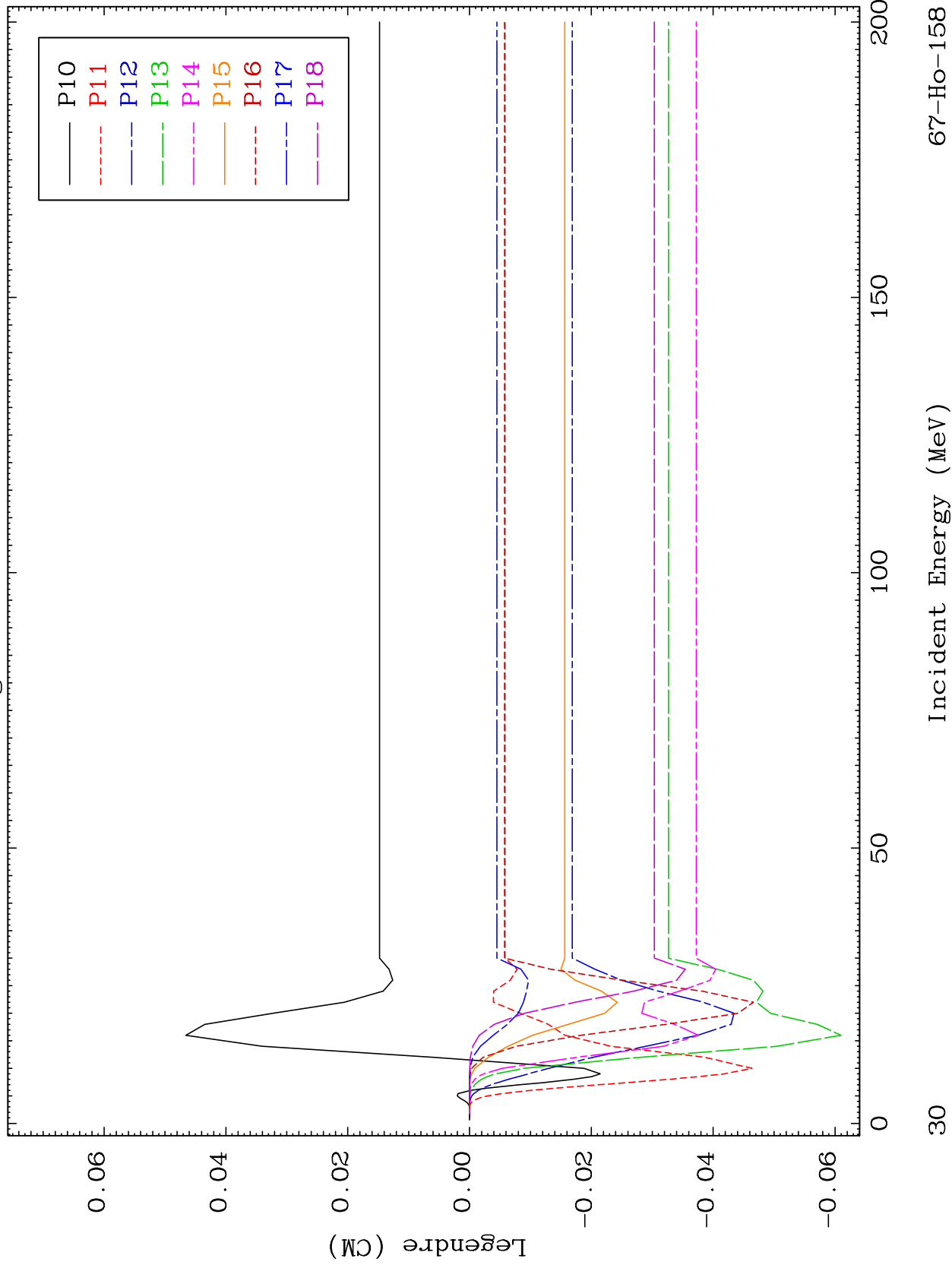
Incident Energy (MeV)

29

MAT 6704

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

67-Ho-158



67-Ho-158

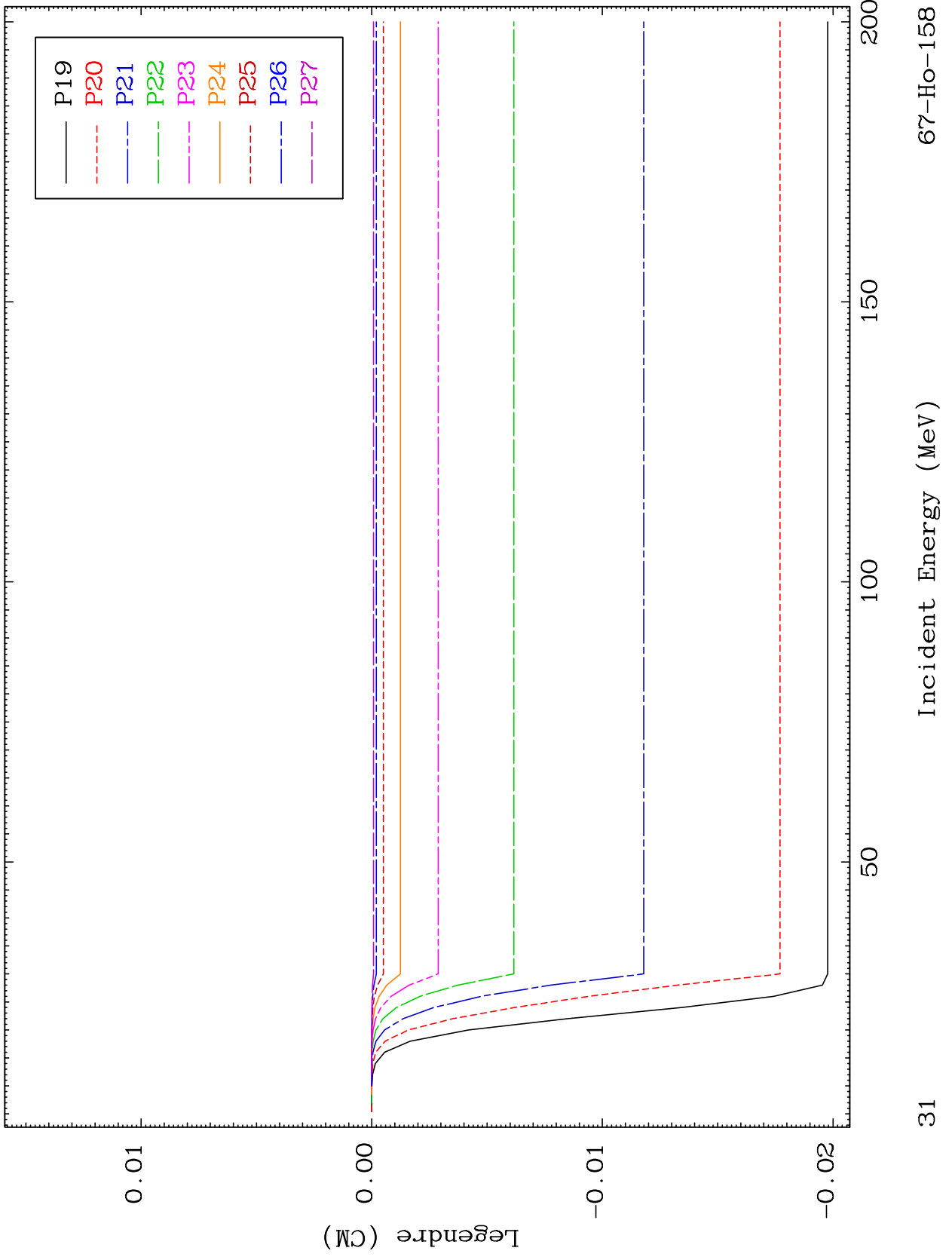
Incident Energy (MeV)

30

MAT 6704

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

67-Ho-158



31

Incident Energy (MeV)

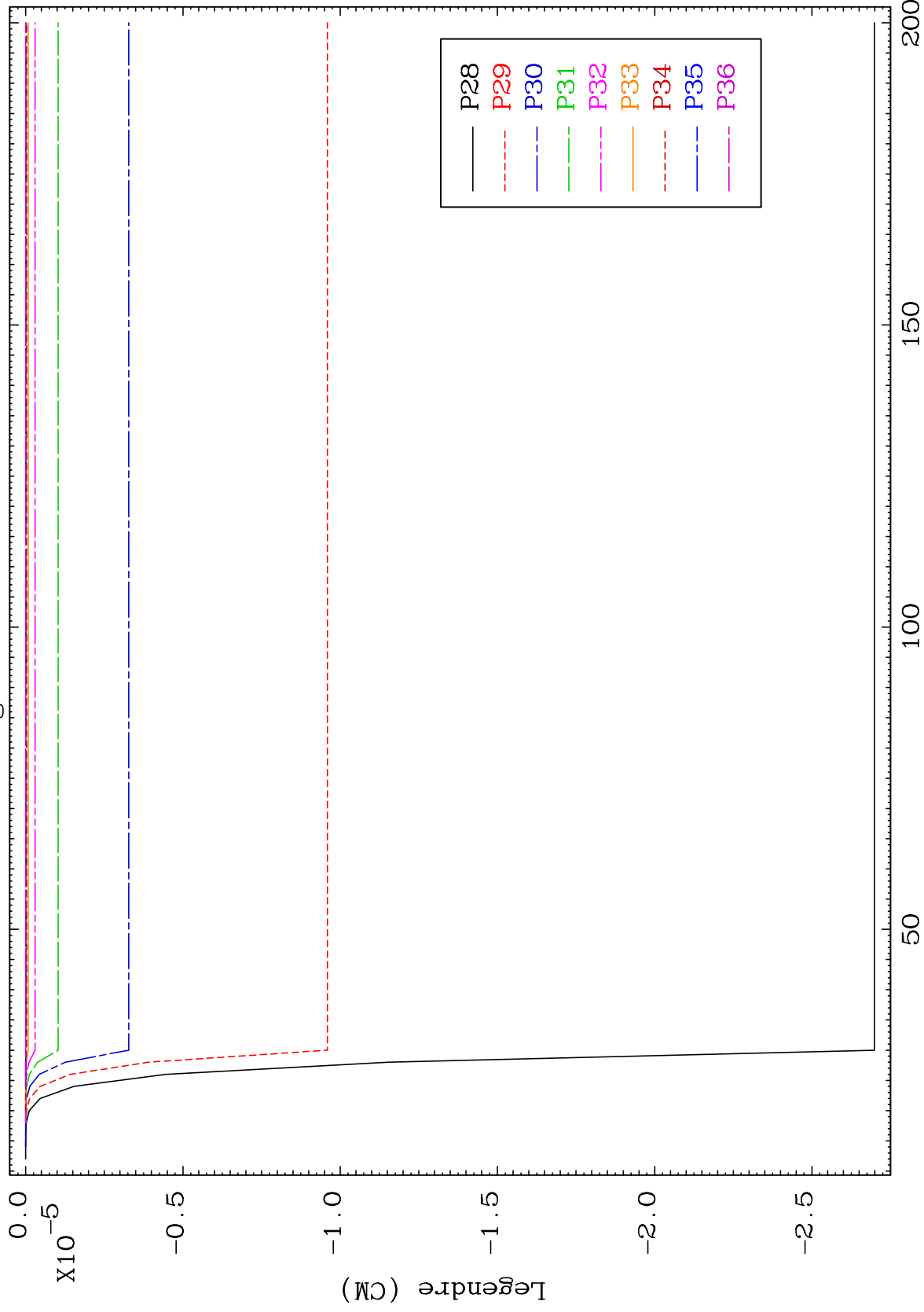
67-Ho-158



MAT 6704

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

67-Ho-158



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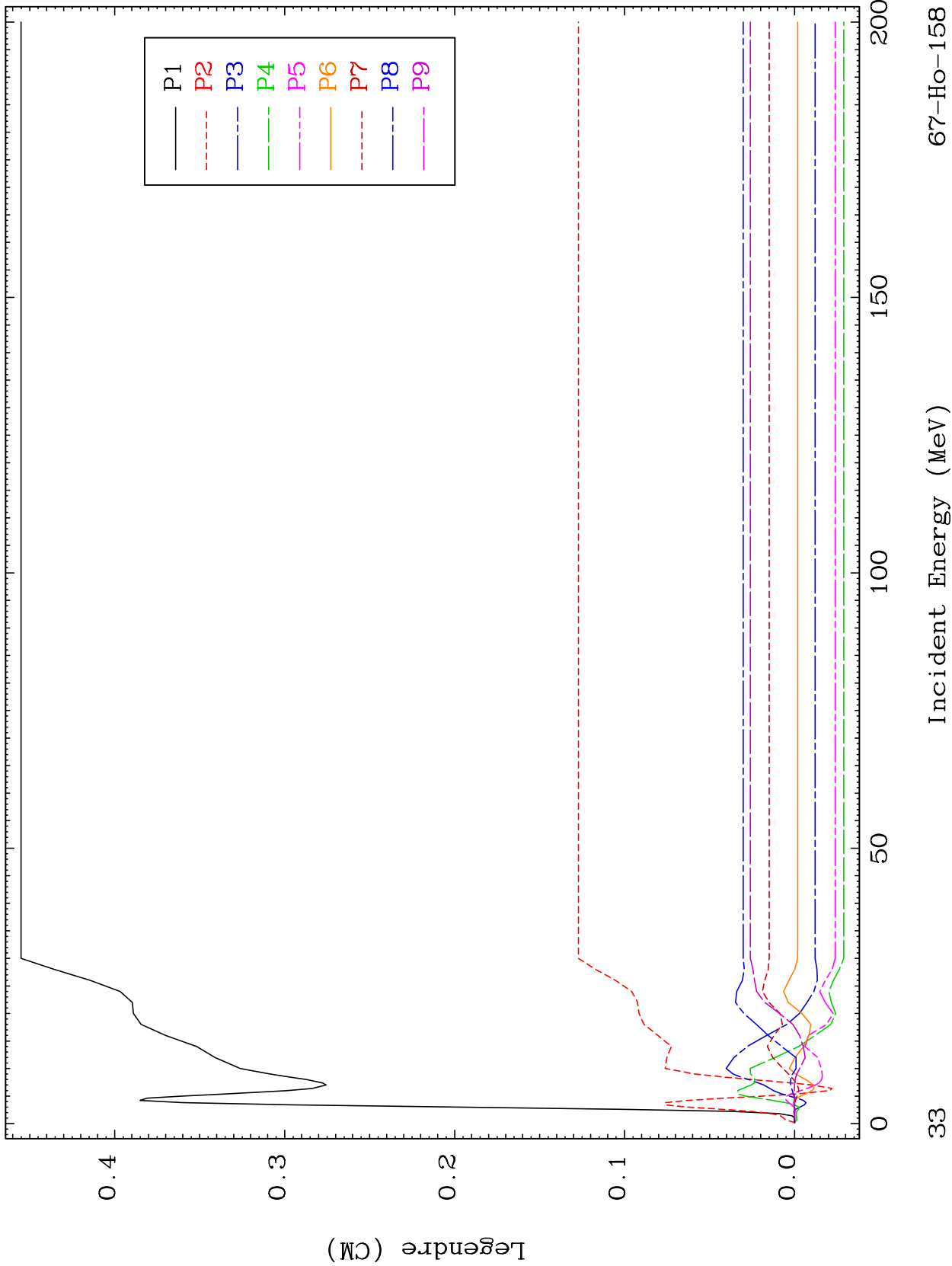
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



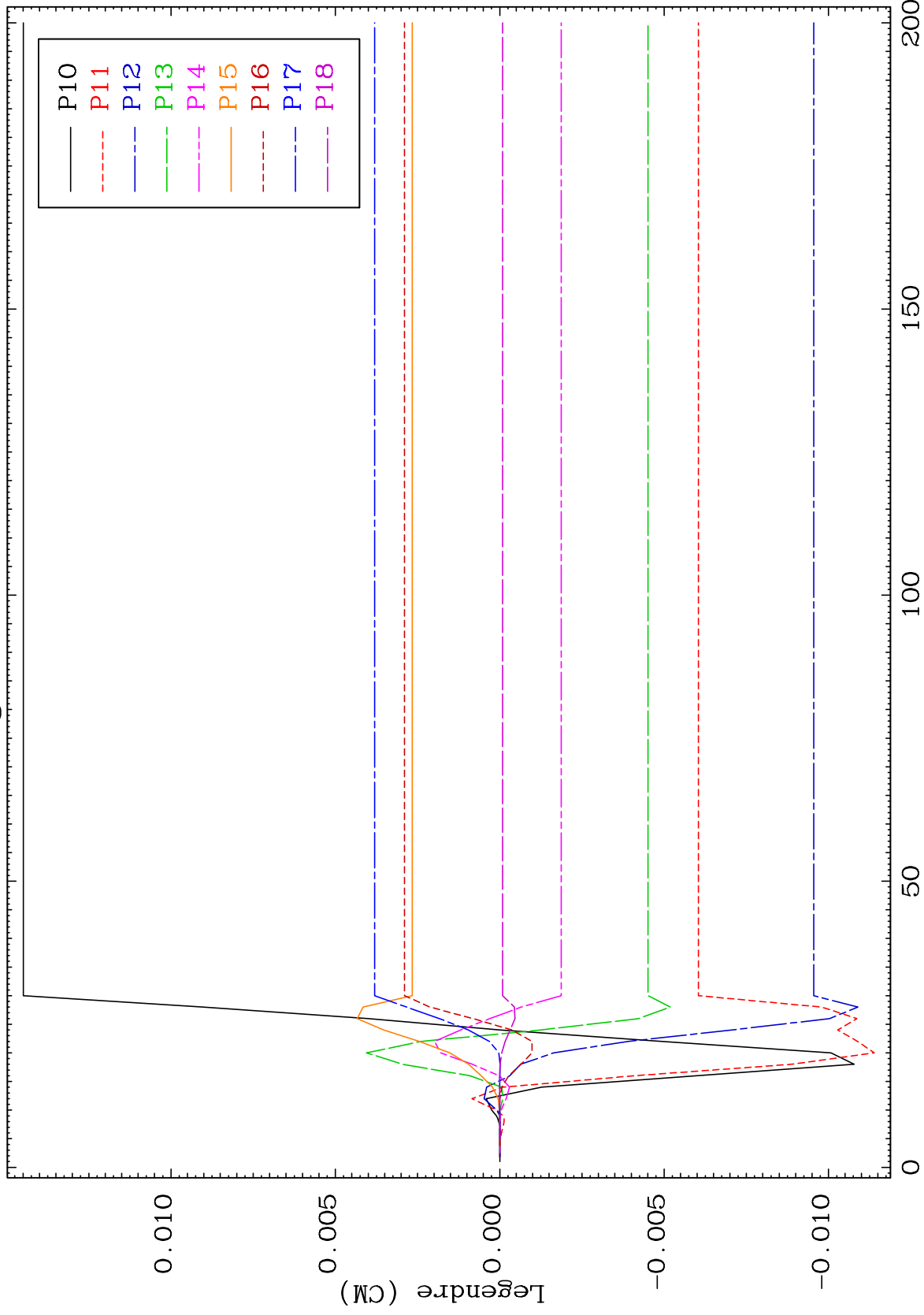
33

67-Ho-158

MAT 6704

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

67-Ho-158



34

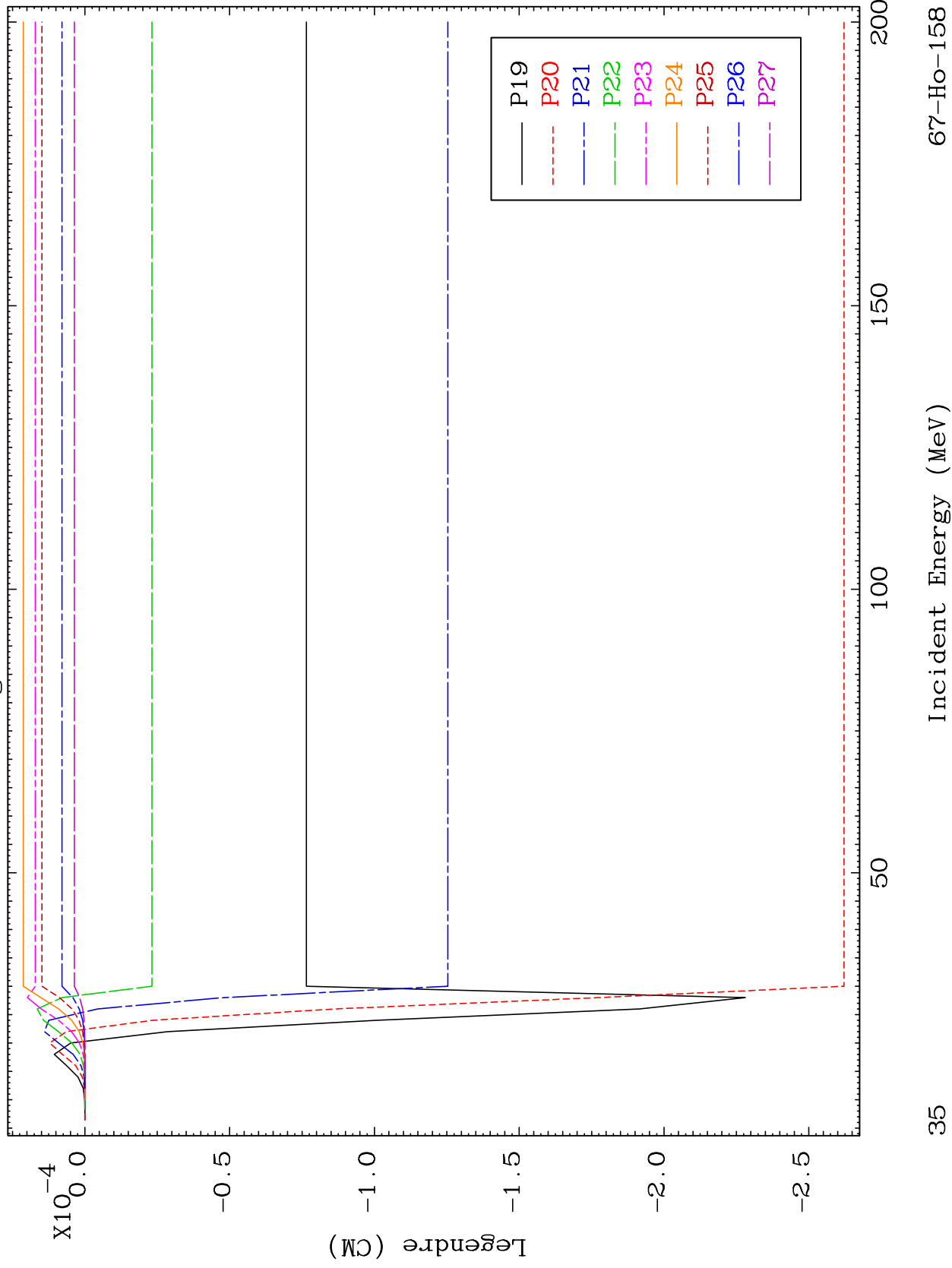
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



35

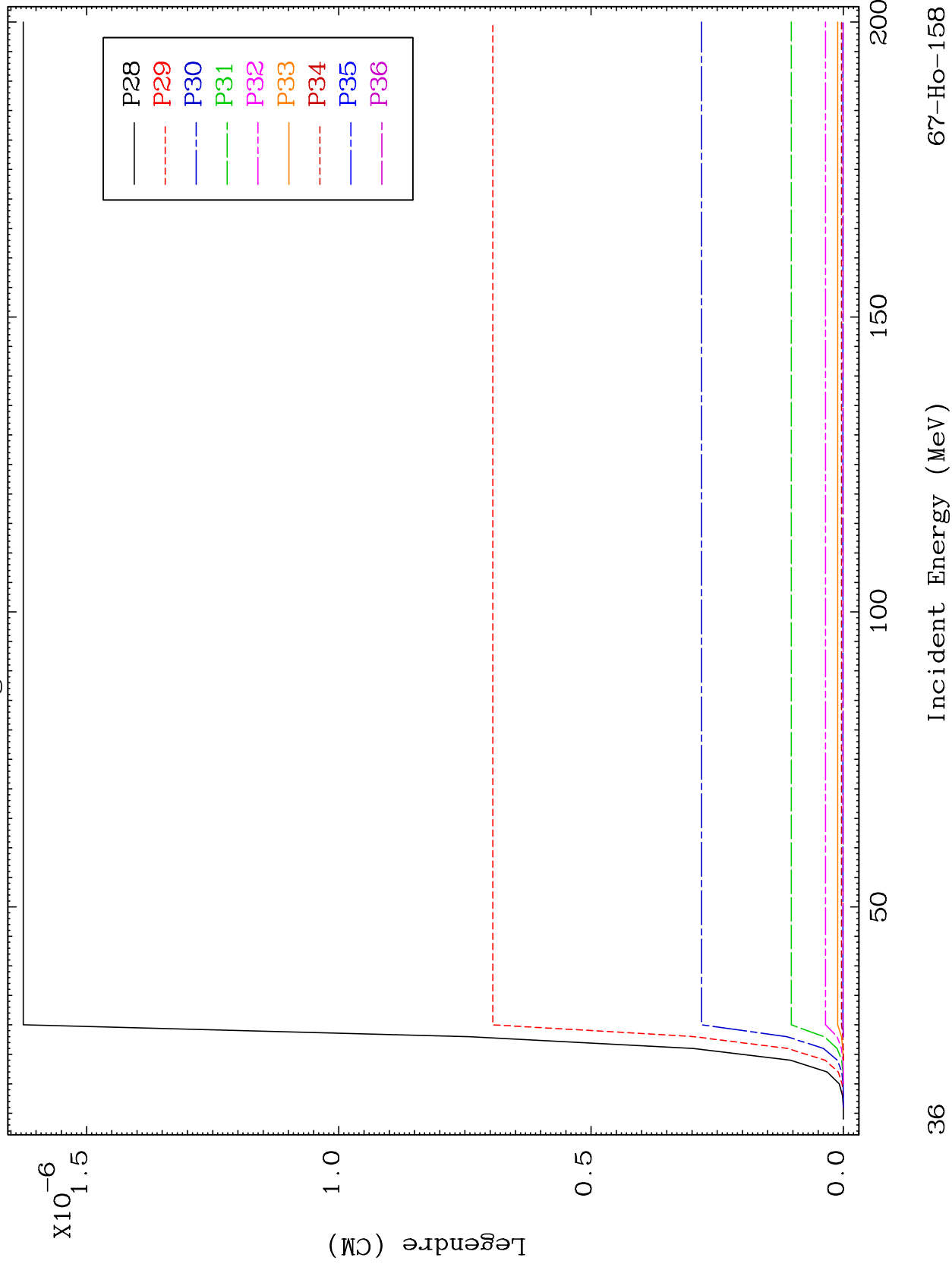
Incident Energy (MeV)

67-Ho-158

MAT 6704

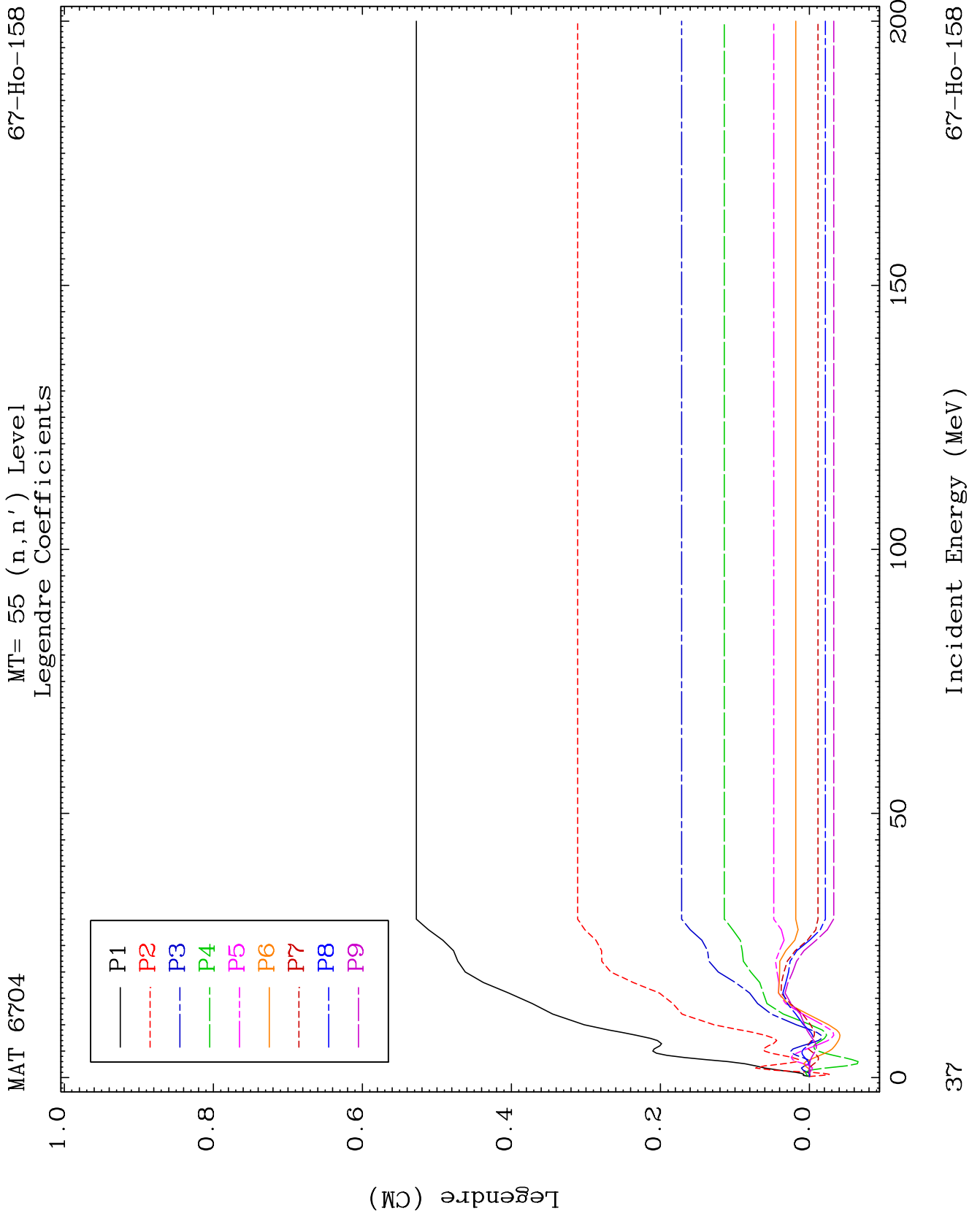
MT= 54 (n,n') Level  
Legendre Coefficients

67-Ho-158



36

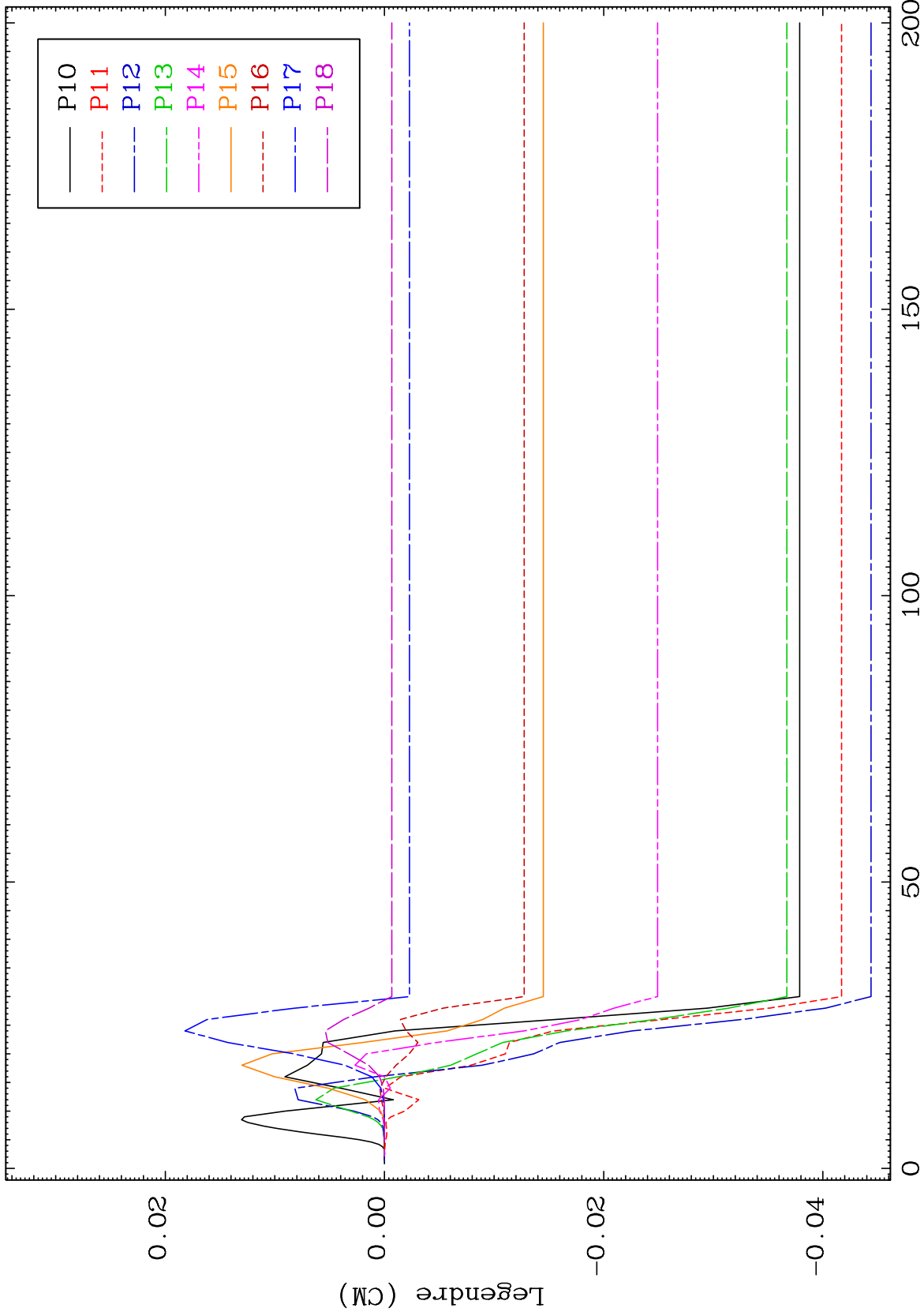
67-Ho-158



MAT 6704

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

67-Ho-158



38

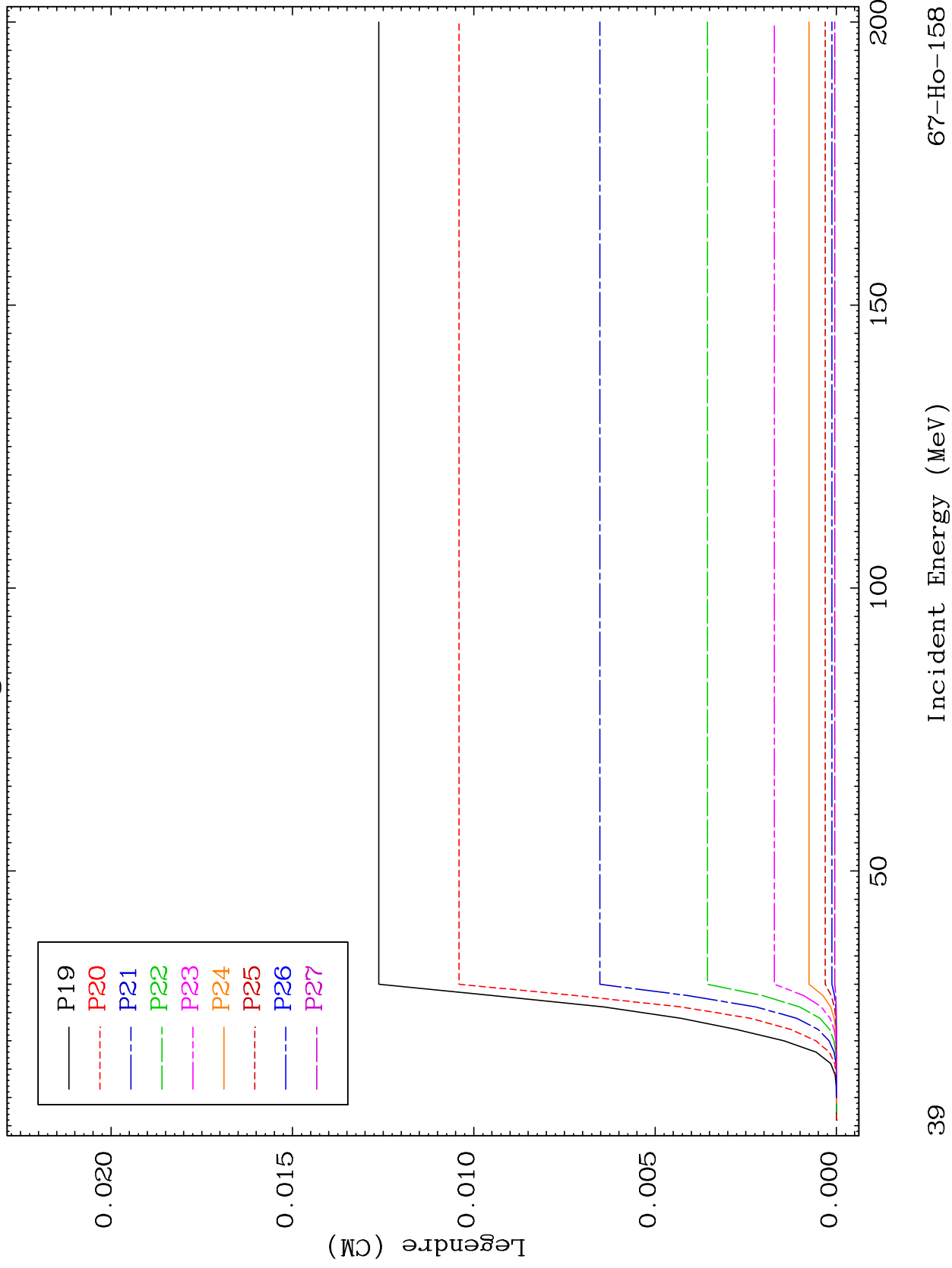
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



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67-Ho-158

Incident Energy (MeV)

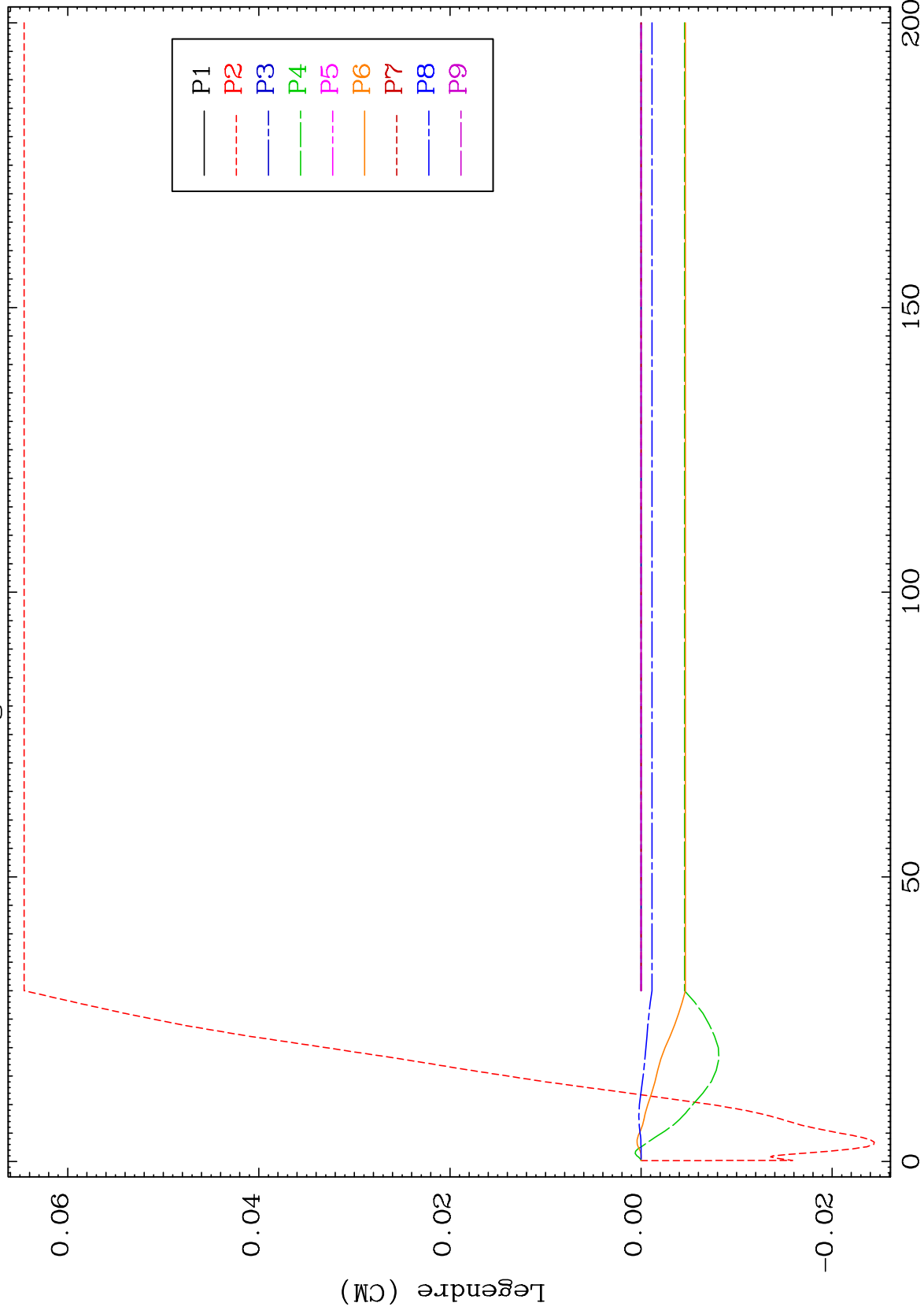




MAT 6704

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

67-Ho-158



41

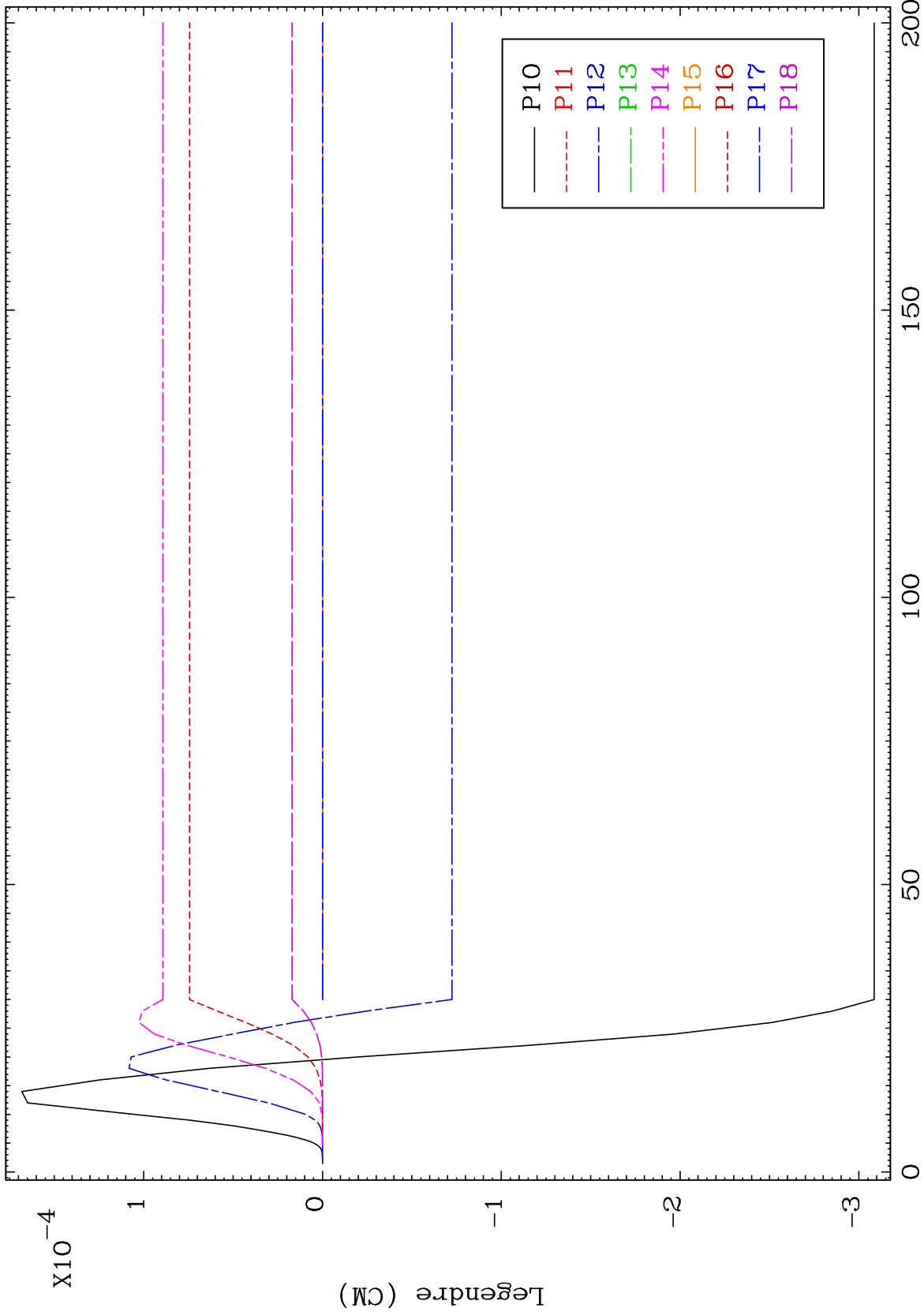
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

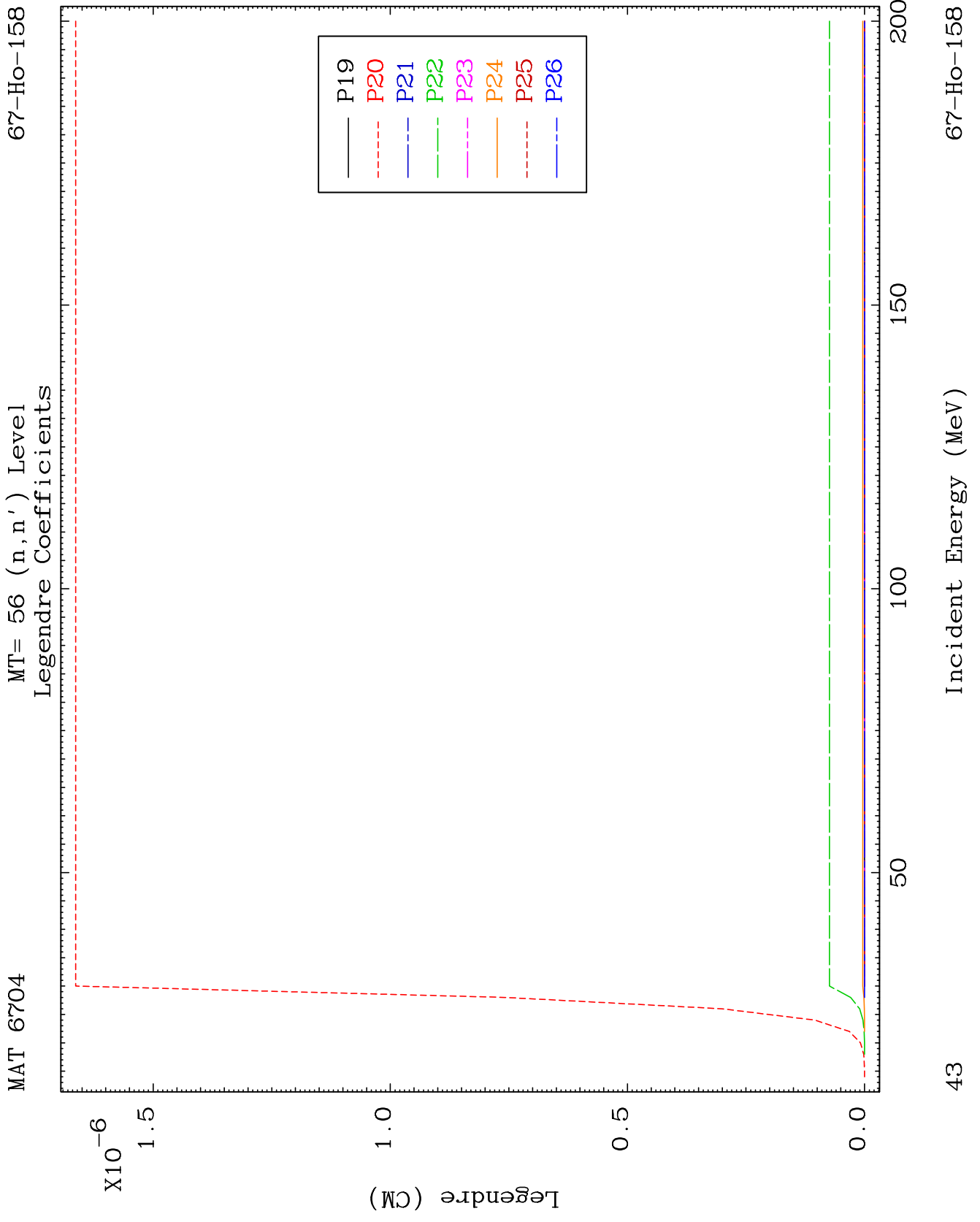
67-Ho-158



42

Incident Energy (MeV)

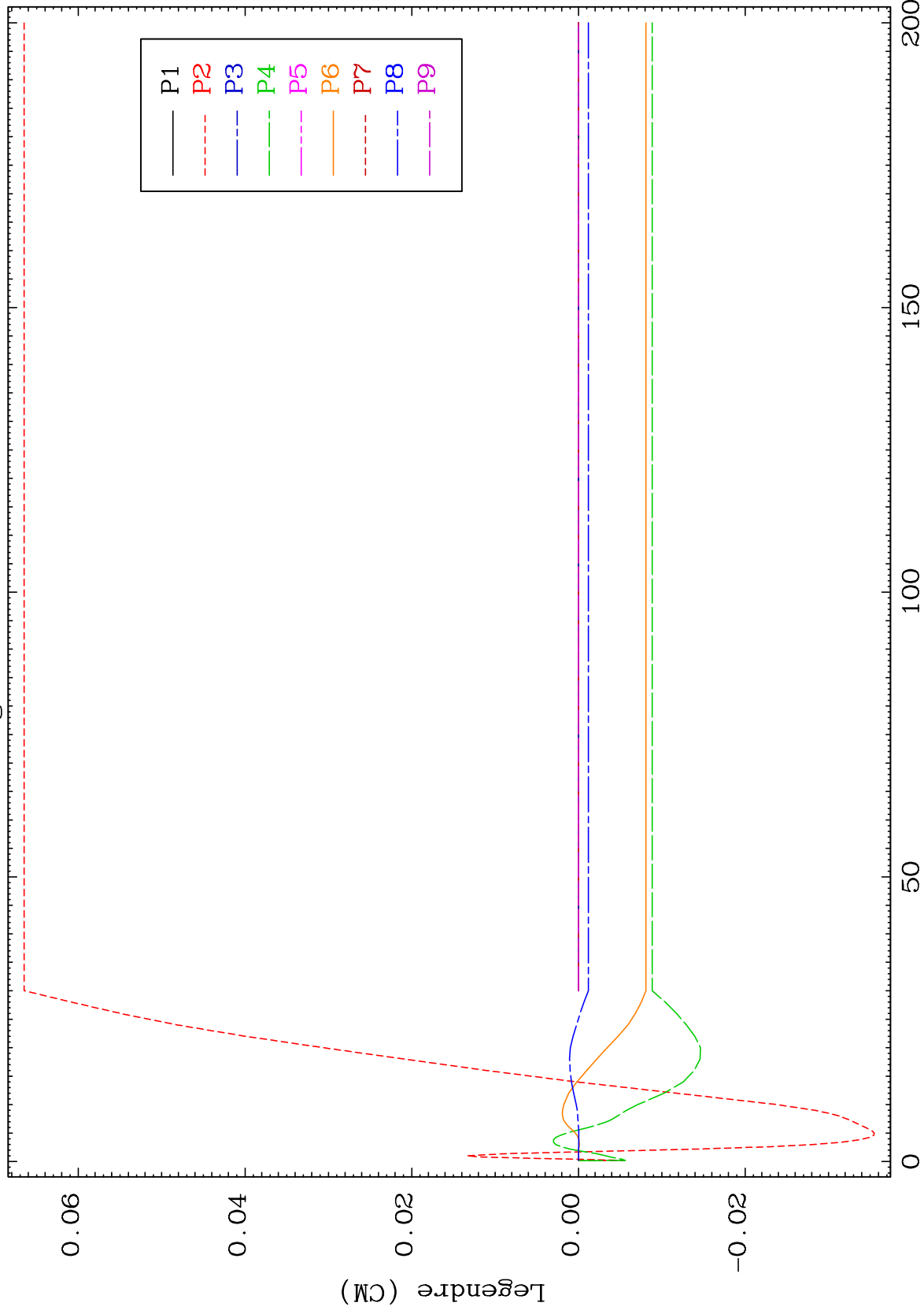
67-Ho-158



MAT 6704

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

67-Ho-158



44

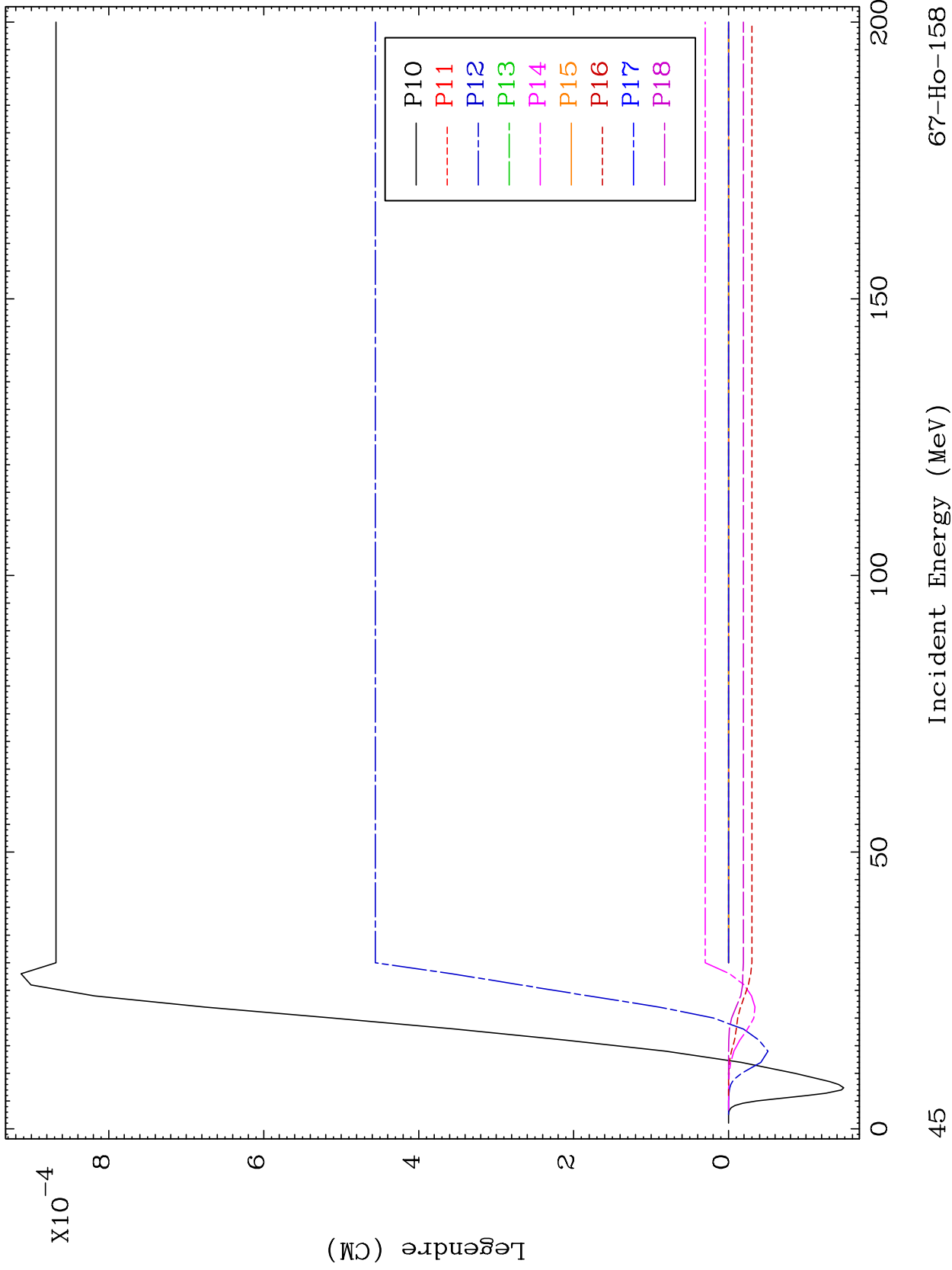
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

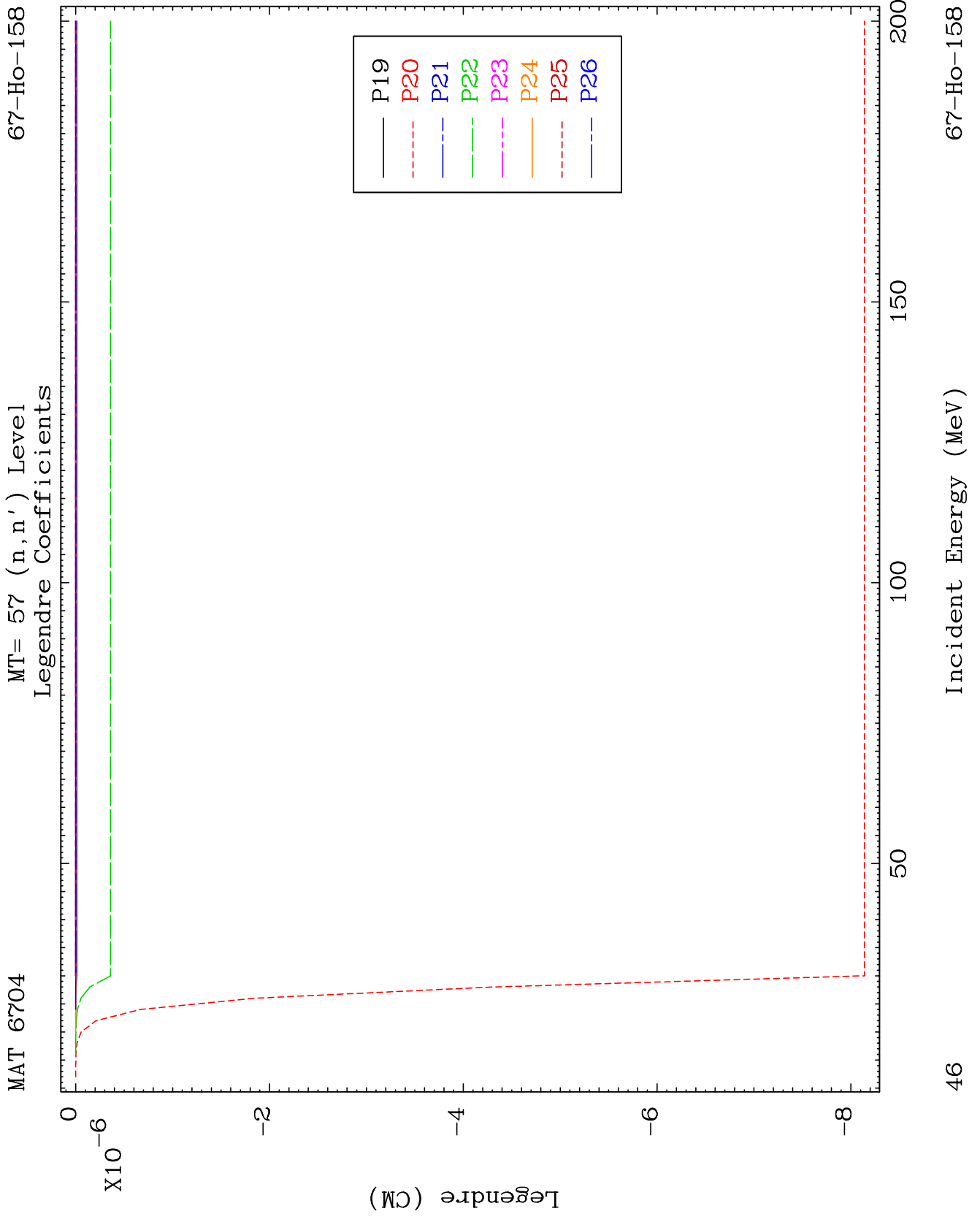
67-Ho-158



67-Ho-158

Incident Energy (MeV)

45

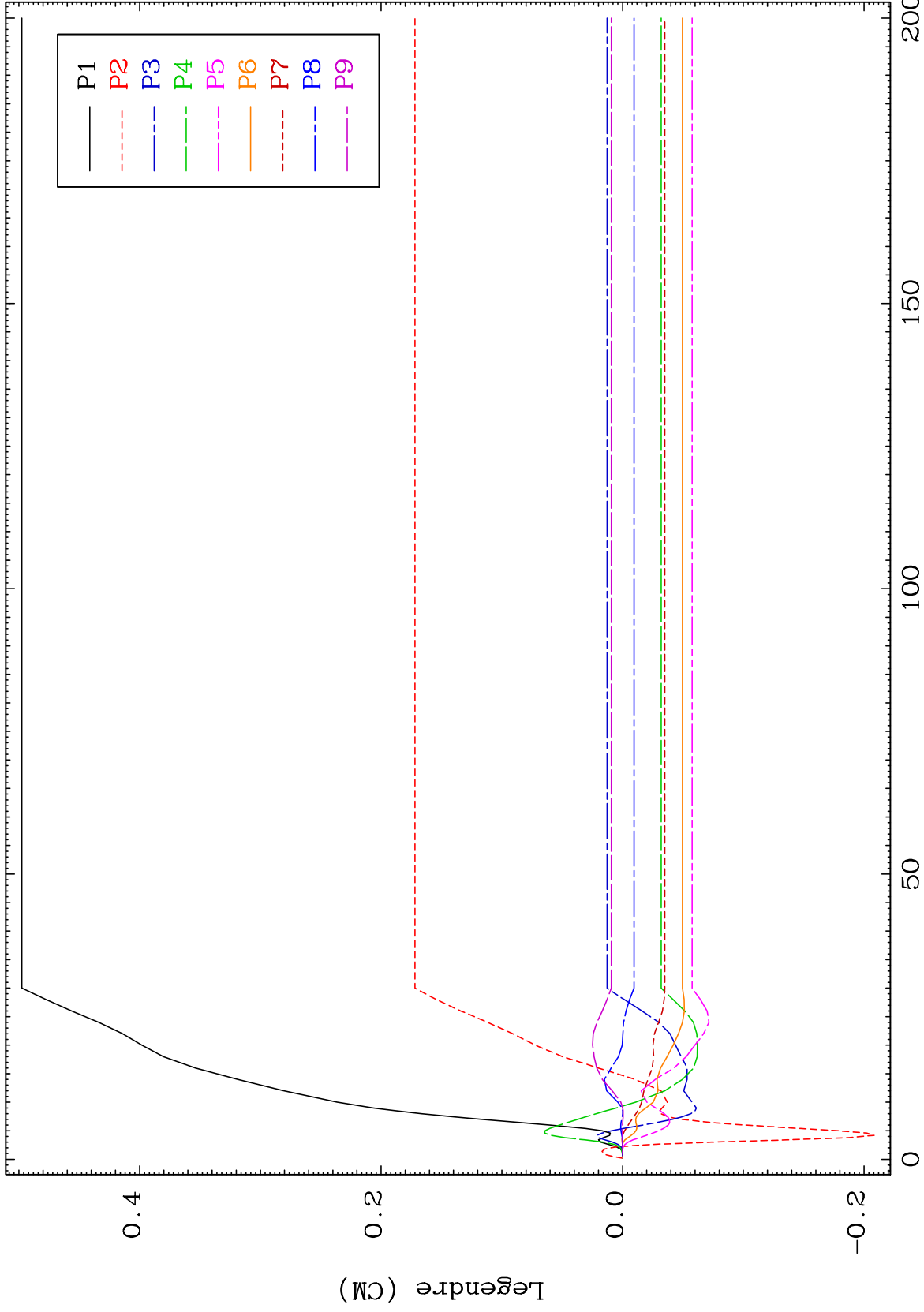


MAT 6704

MT= 58 (n,n') Level

67-Ho-158

Legendre Coefficients



47

Incident Energy (MeV)

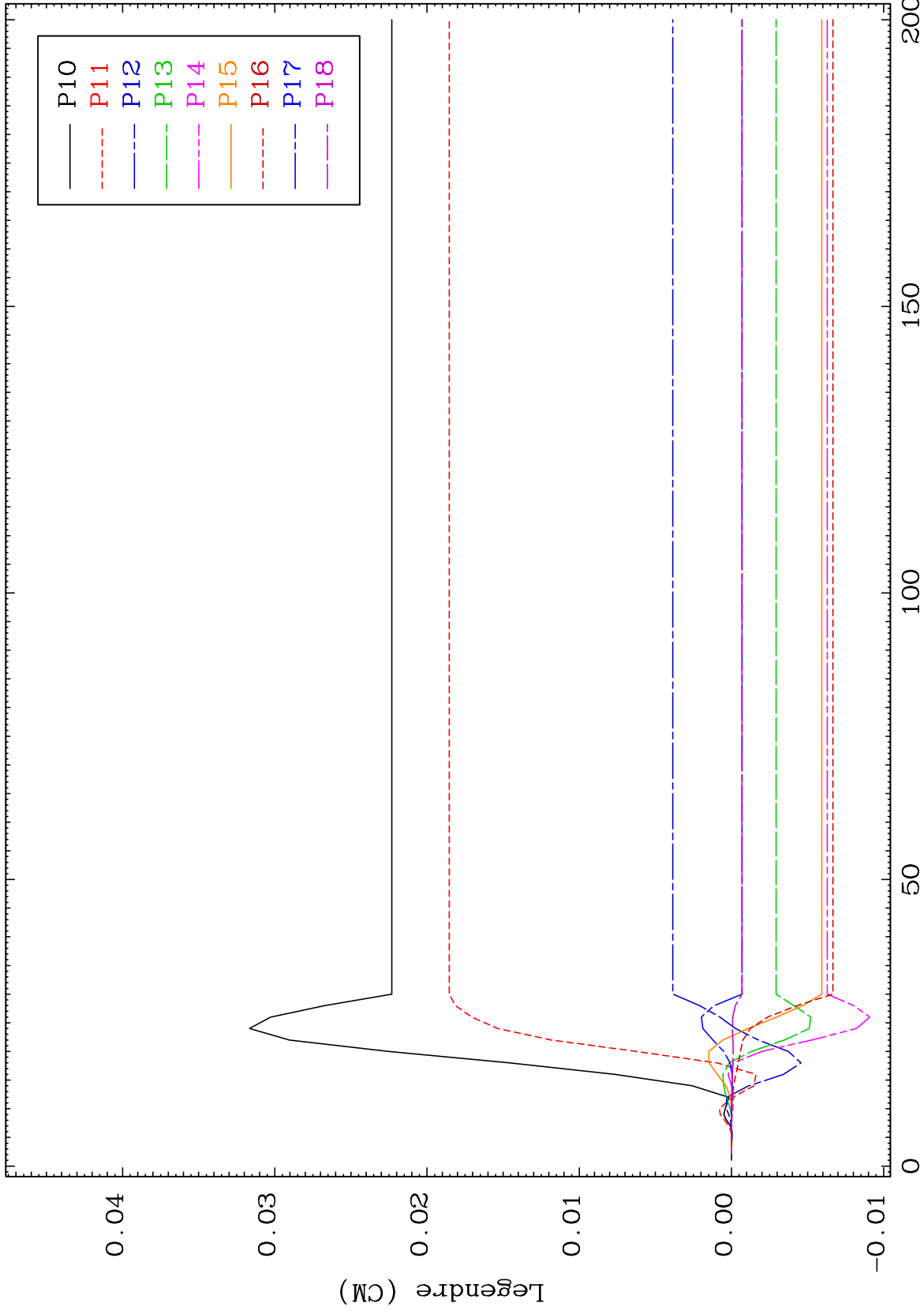
67-Ho-158



MAT 6704

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

67-Ho-158



67-Ho-158

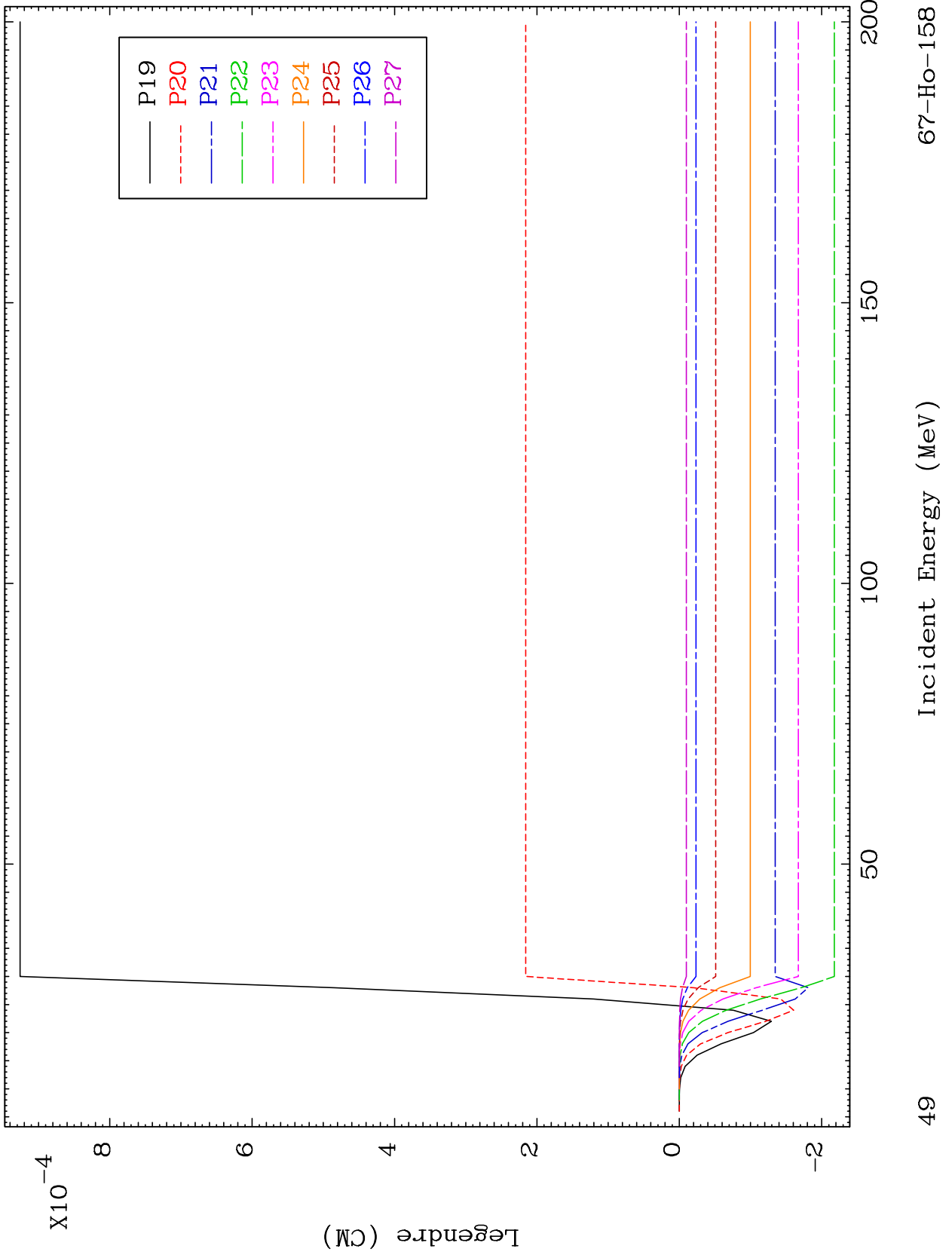
Incident Energy (MeV)

48

MAT 6704

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

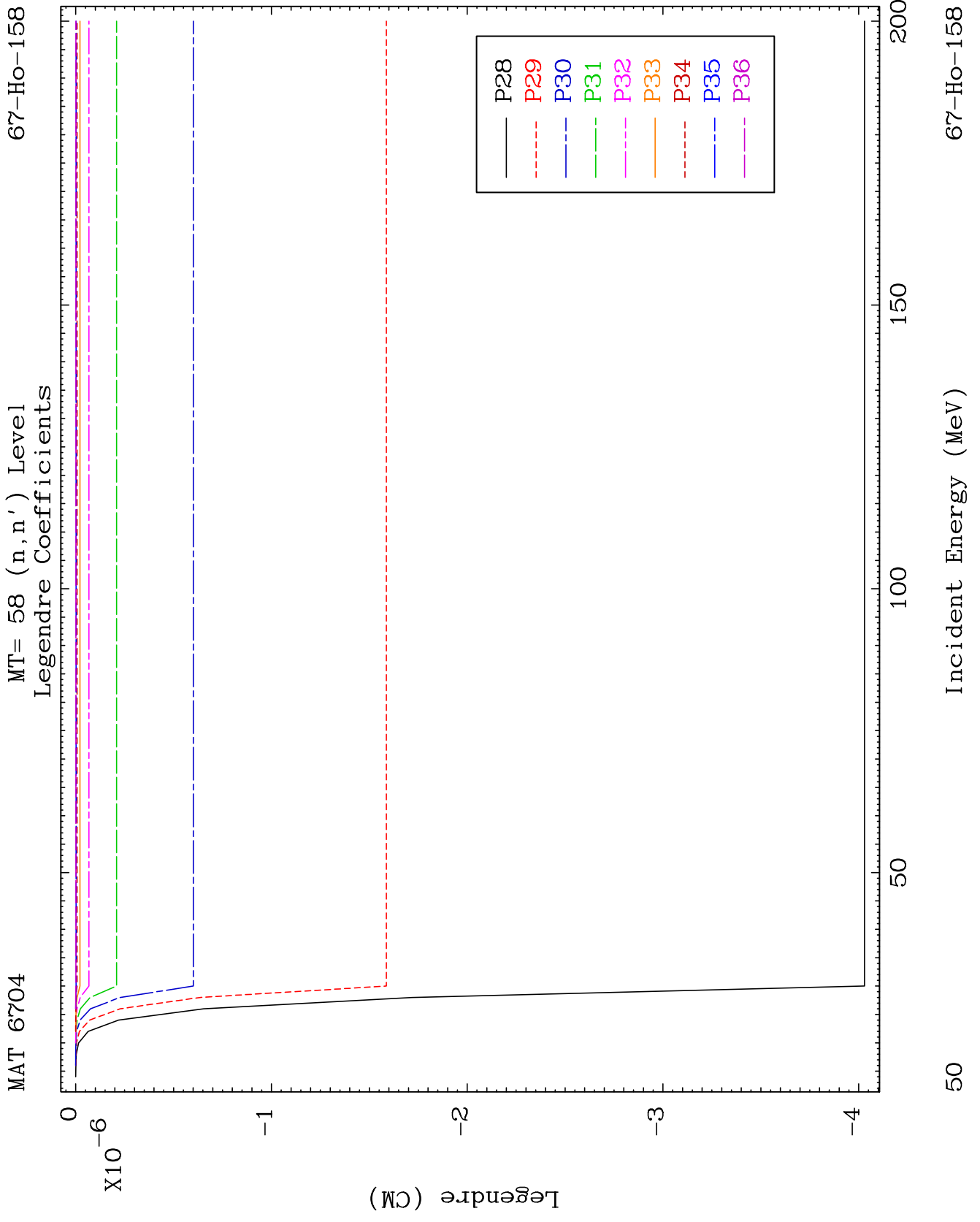
67-Ho-158



49

Incident Energy (MeV)

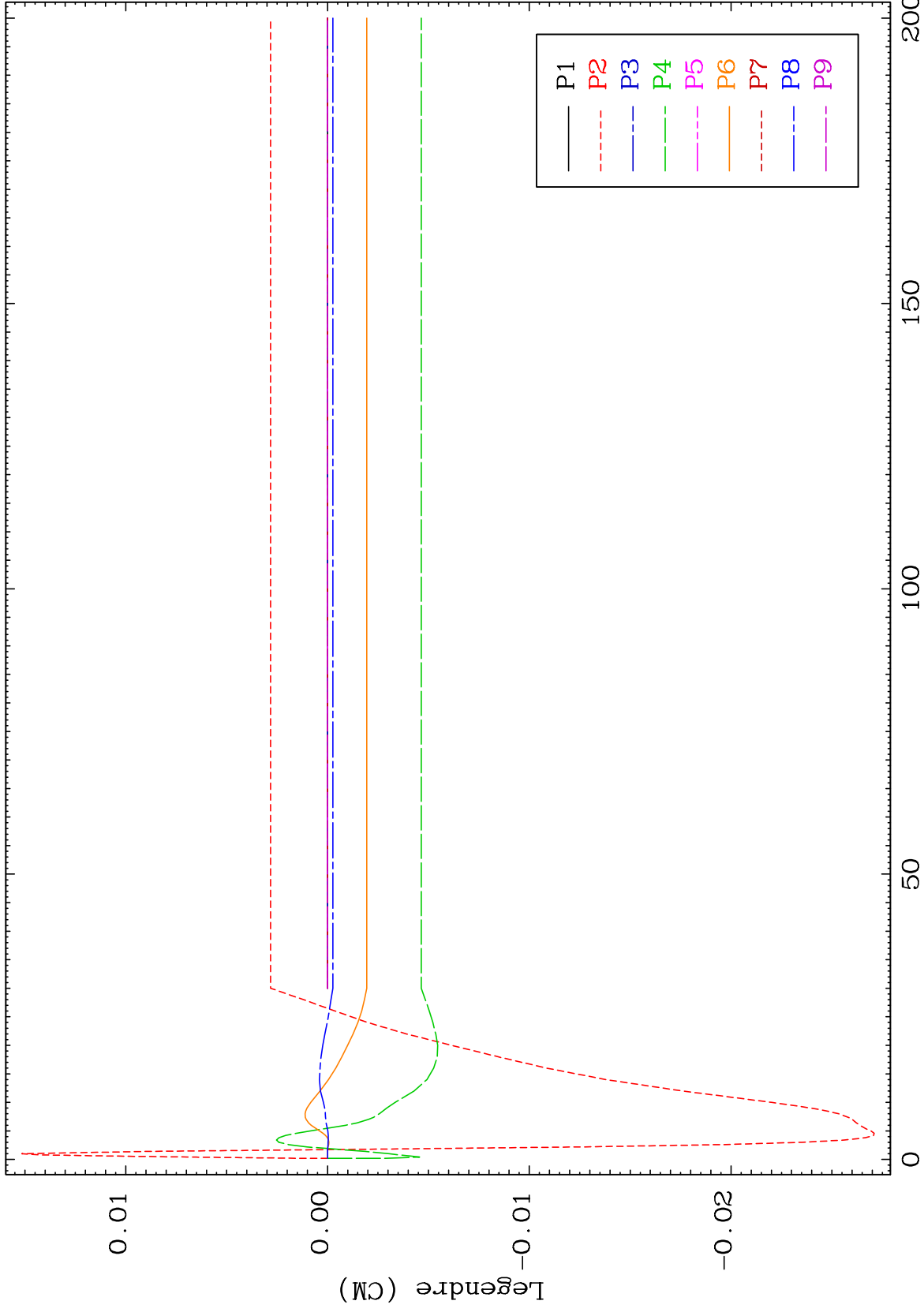
67-Ho-158



MAT 6704

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

67-Ho-158



67-Ho-158

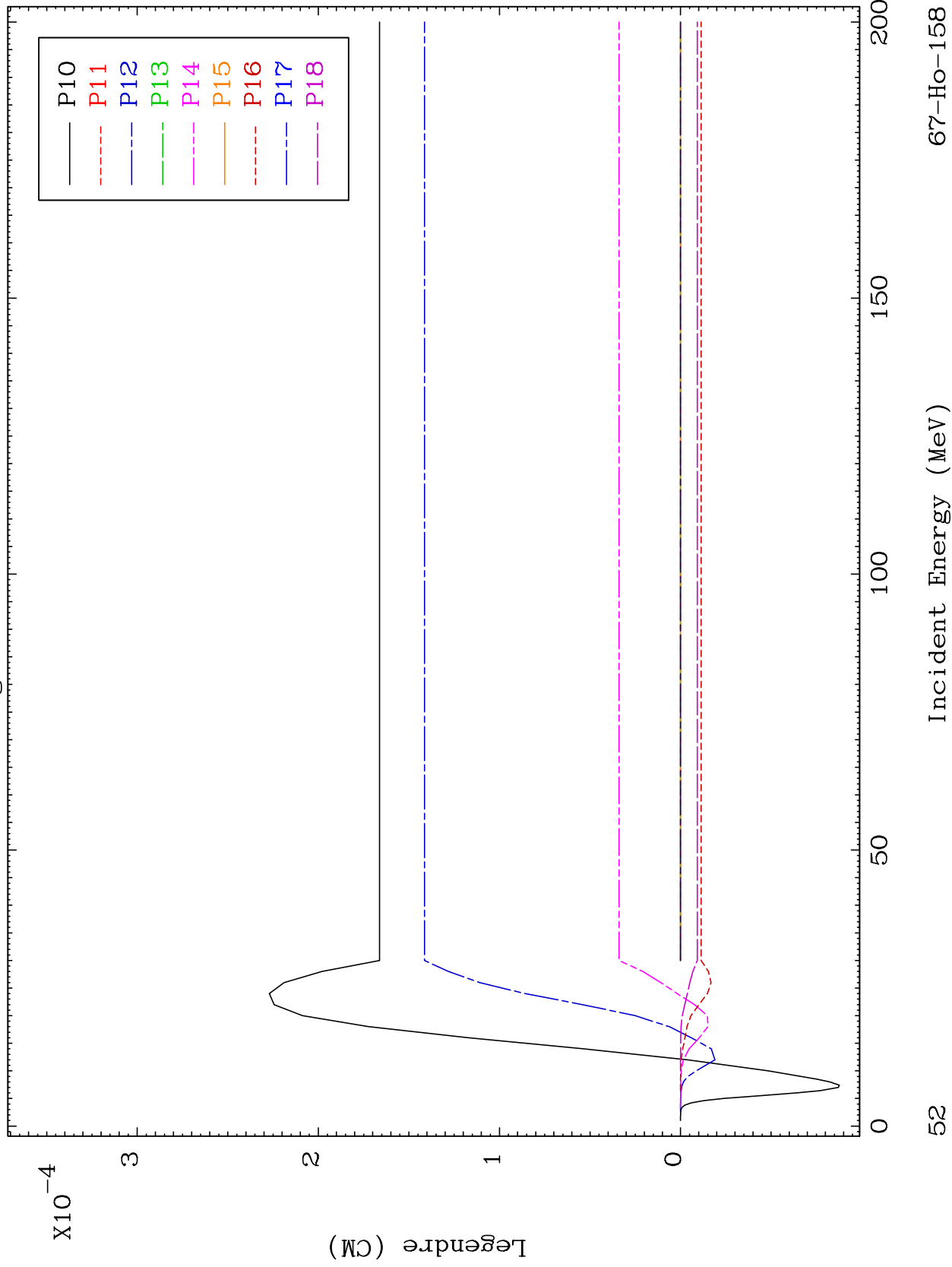
Incident Energy (MeV)

51

MAT 6704

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

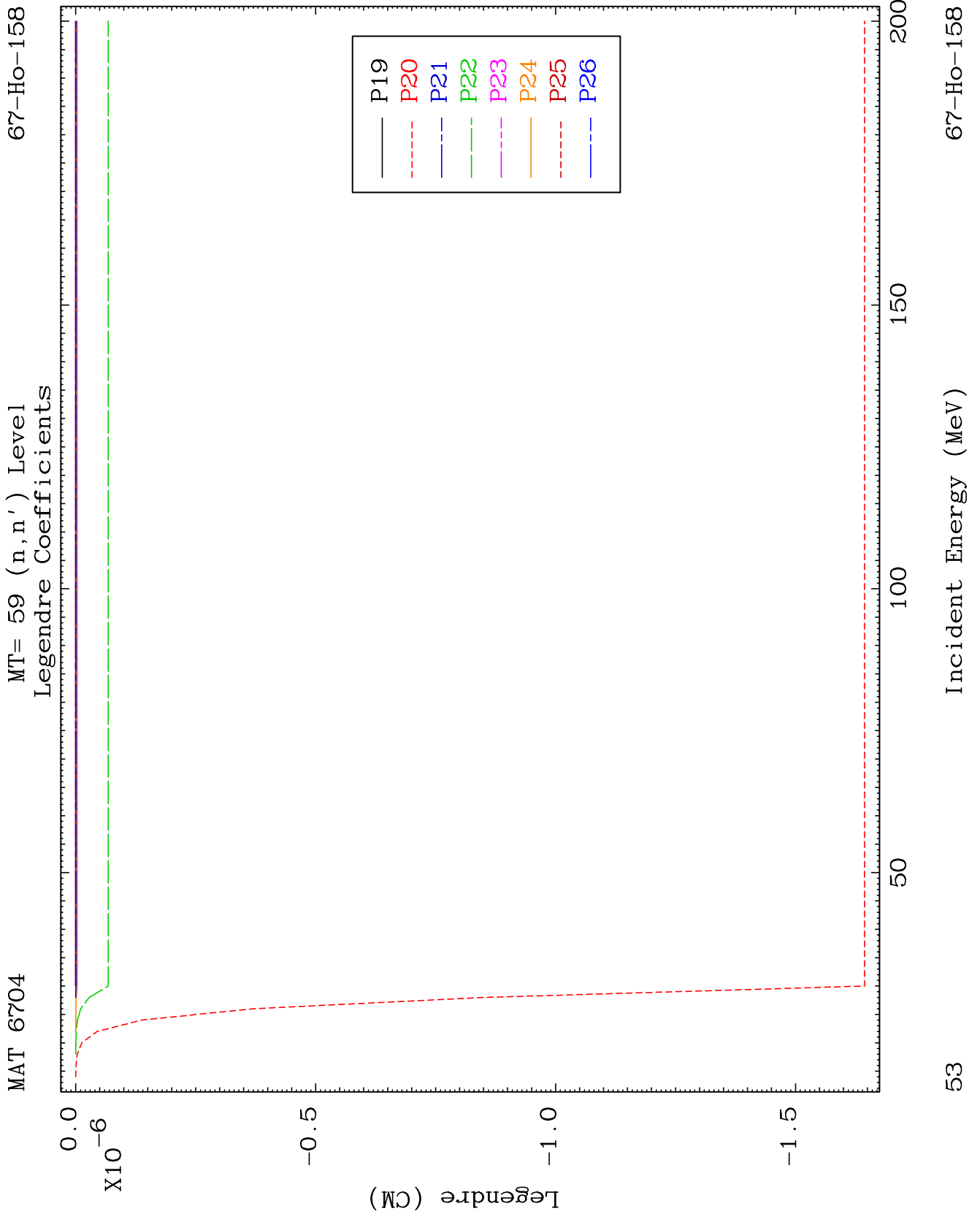
67-Ho-158



67-Ho-158

Incident Energy (MeV)

52

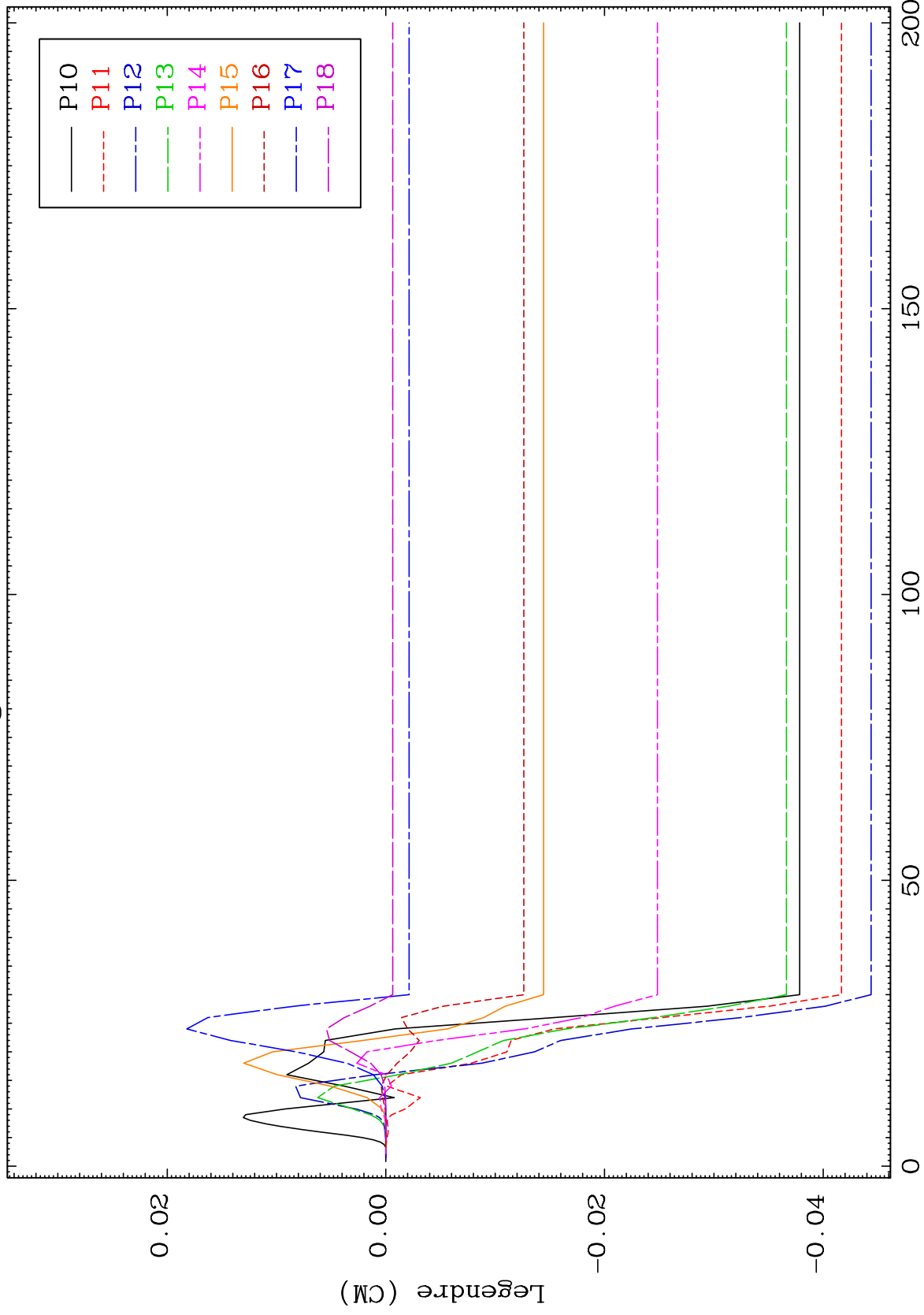




MAT 6704

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

67-Ho-158



67-Ho-158

Incident Energy (MeV)

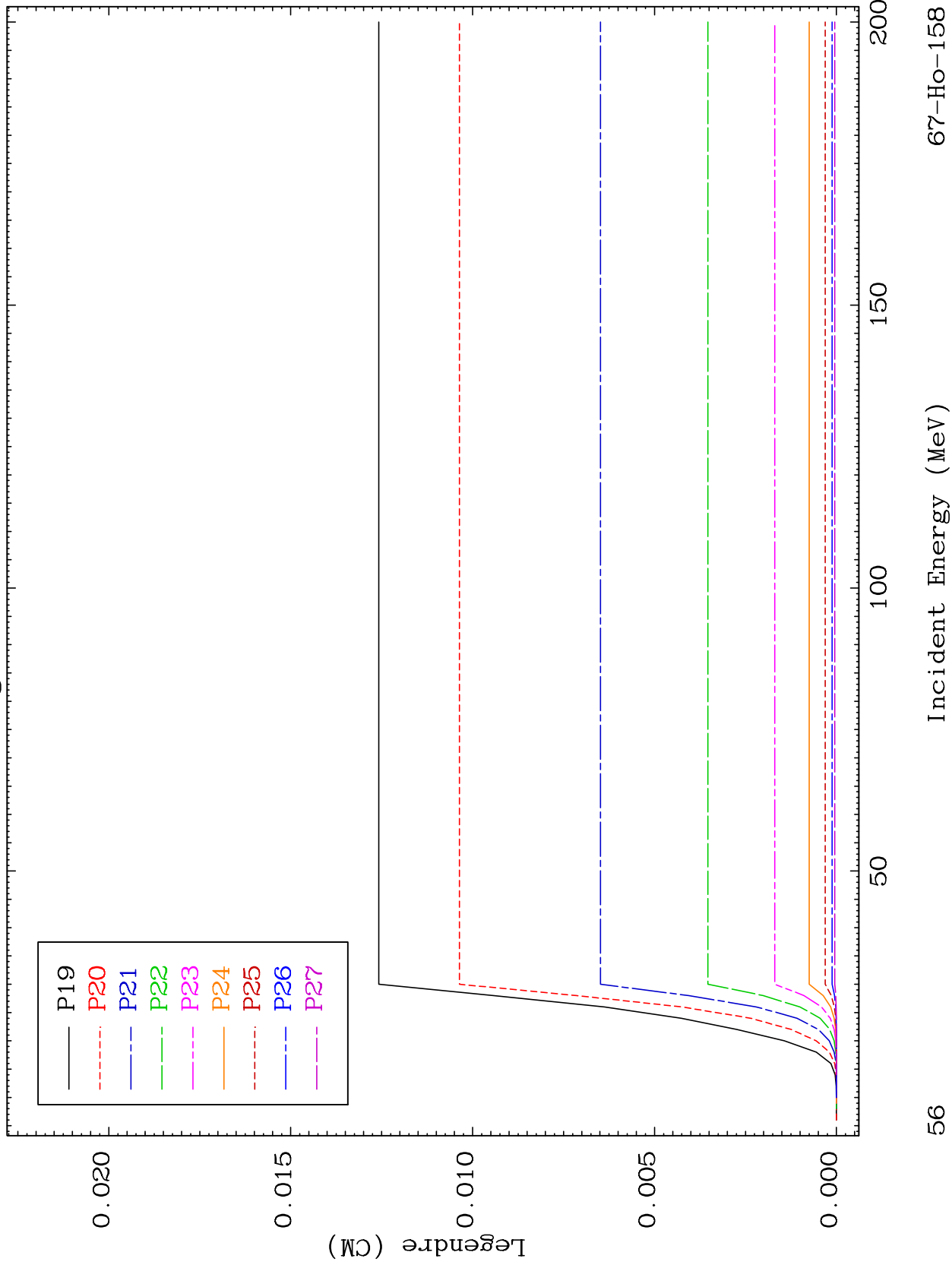
55



MAT 6704

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

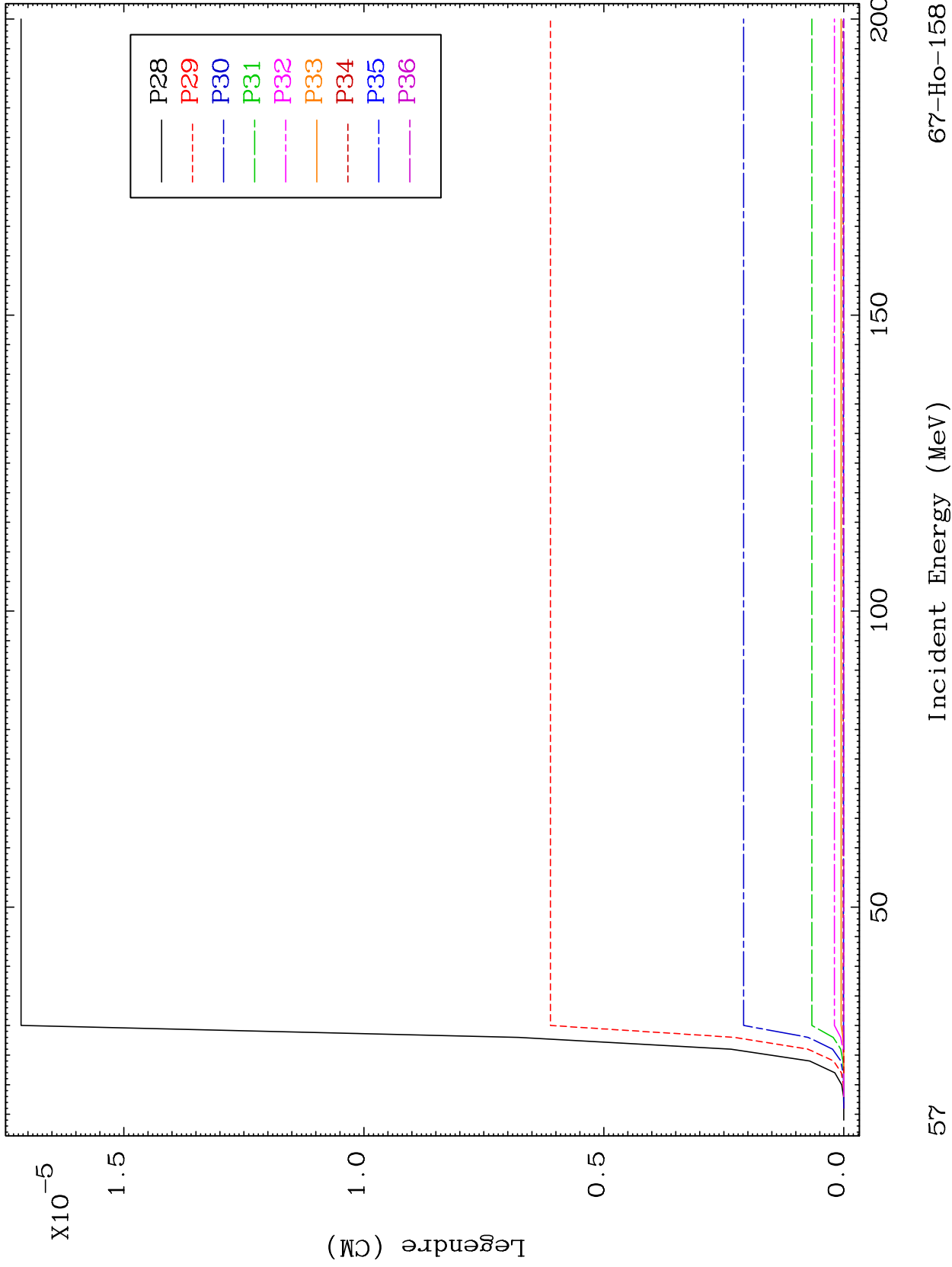
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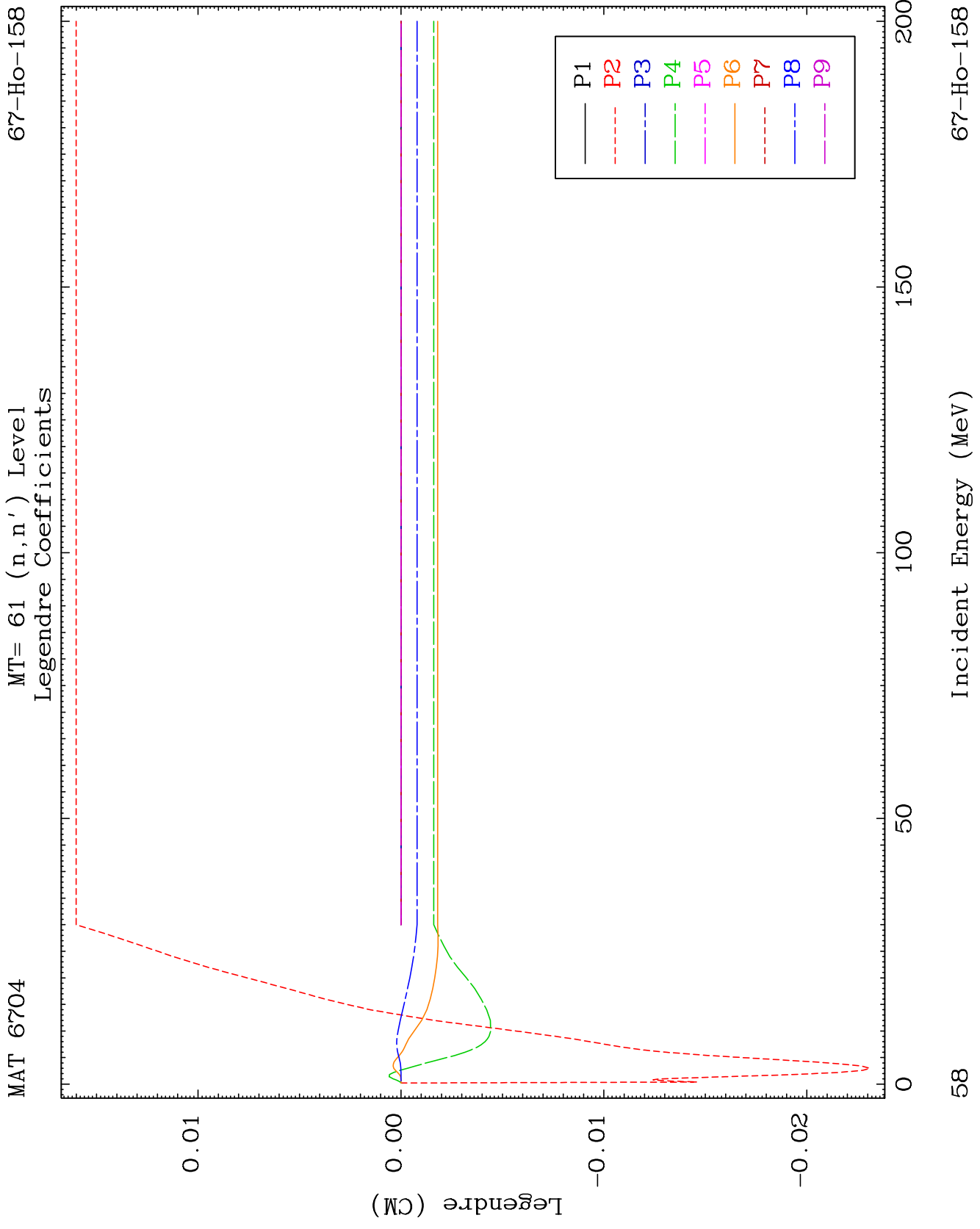


MAT 6704

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

67-Ho-158

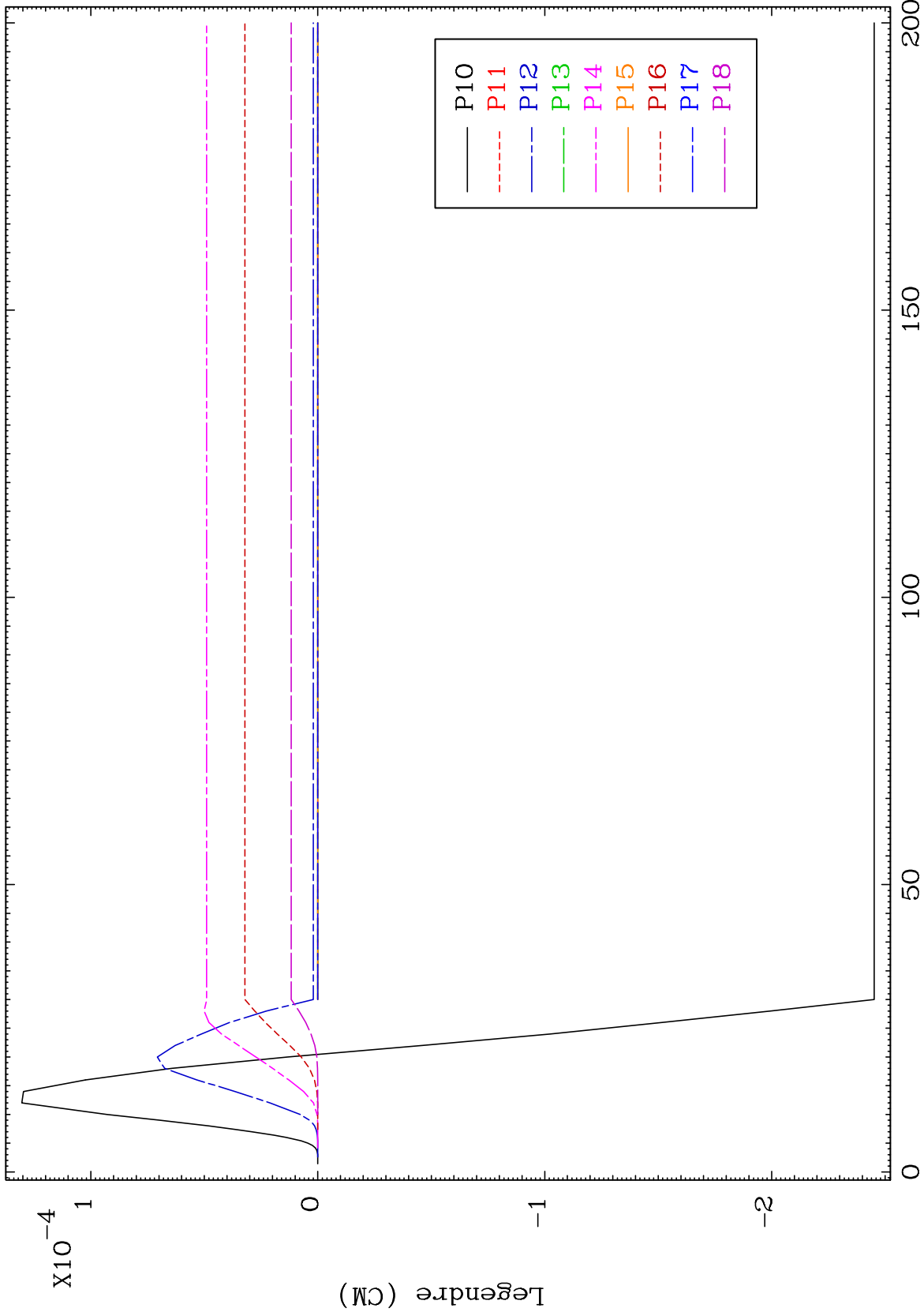




MAT 6704

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

67-Ho-158



59

Incident Energy (MeV)

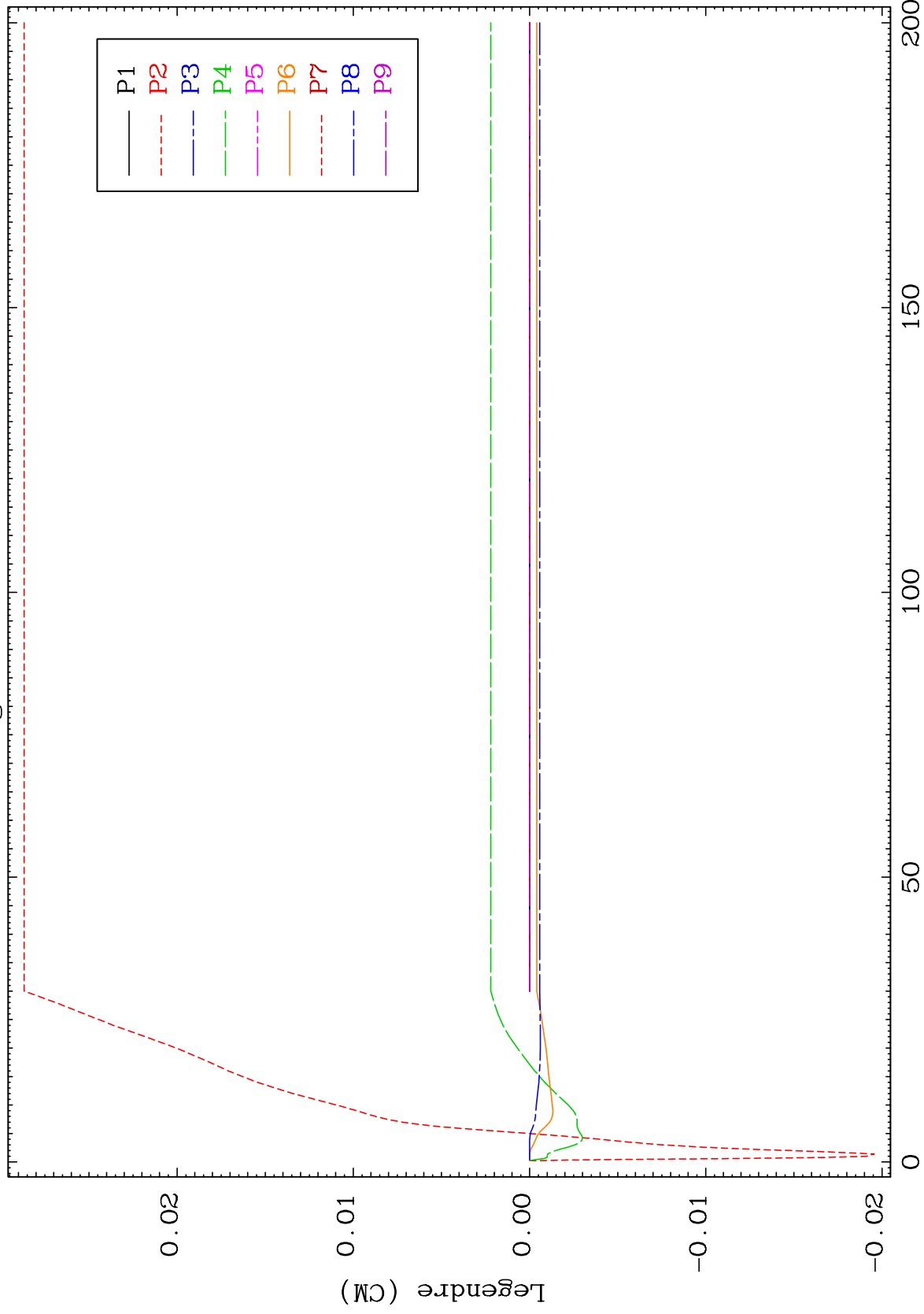
67-Ho-158



MAT 6704

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

67-Ho-158



61

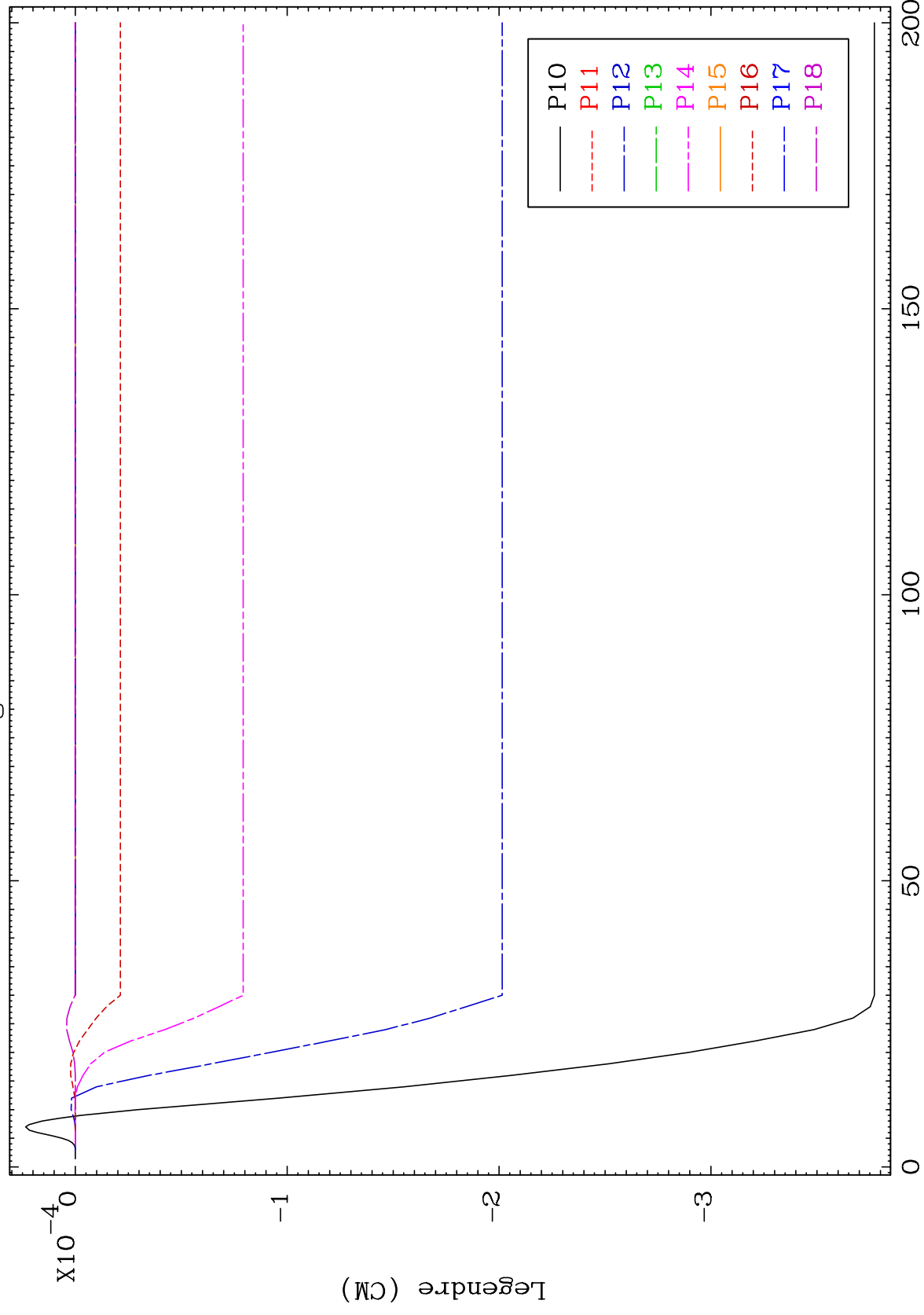
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



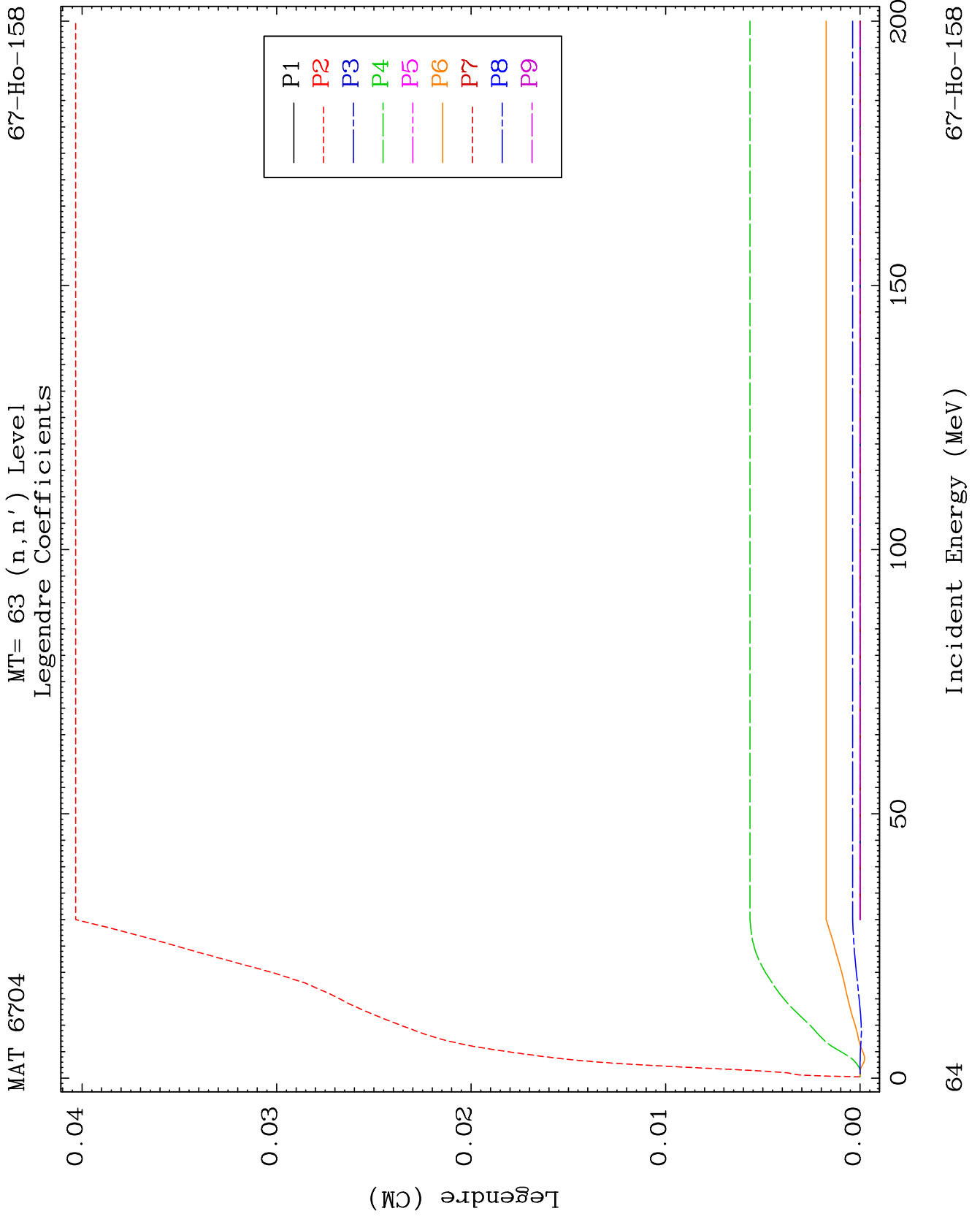
67-Ho-158

Incident Energy (MeV)

62



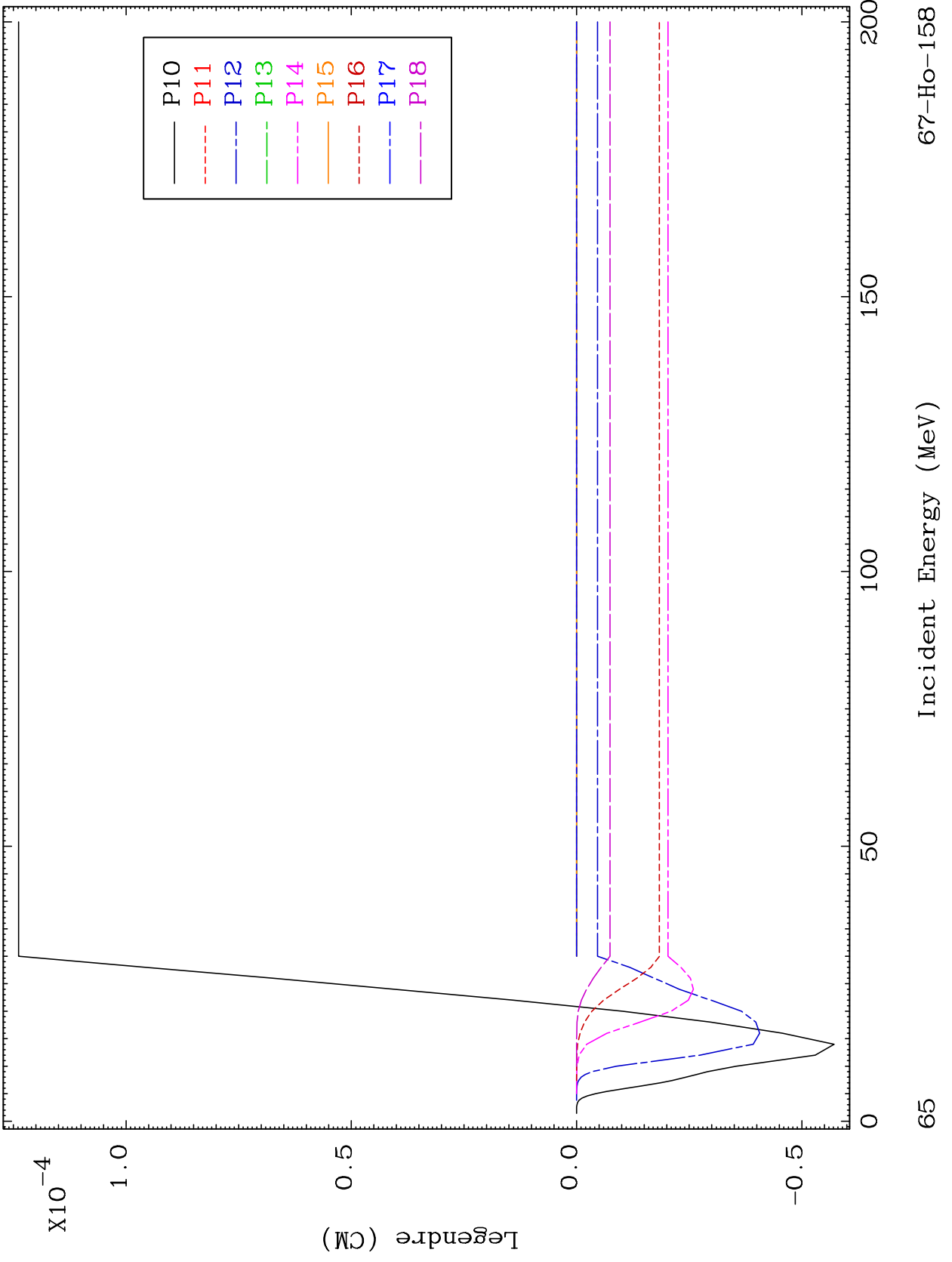


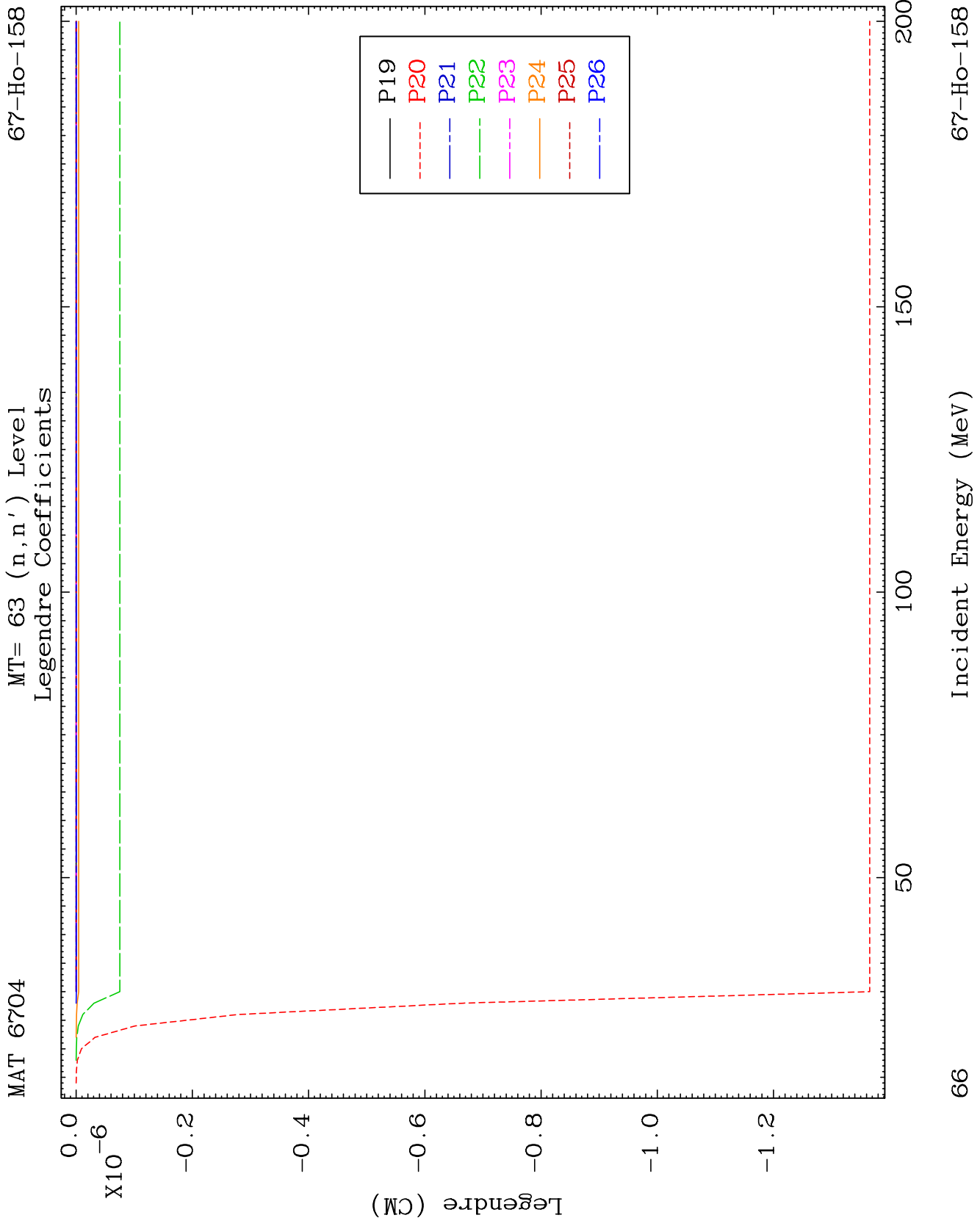


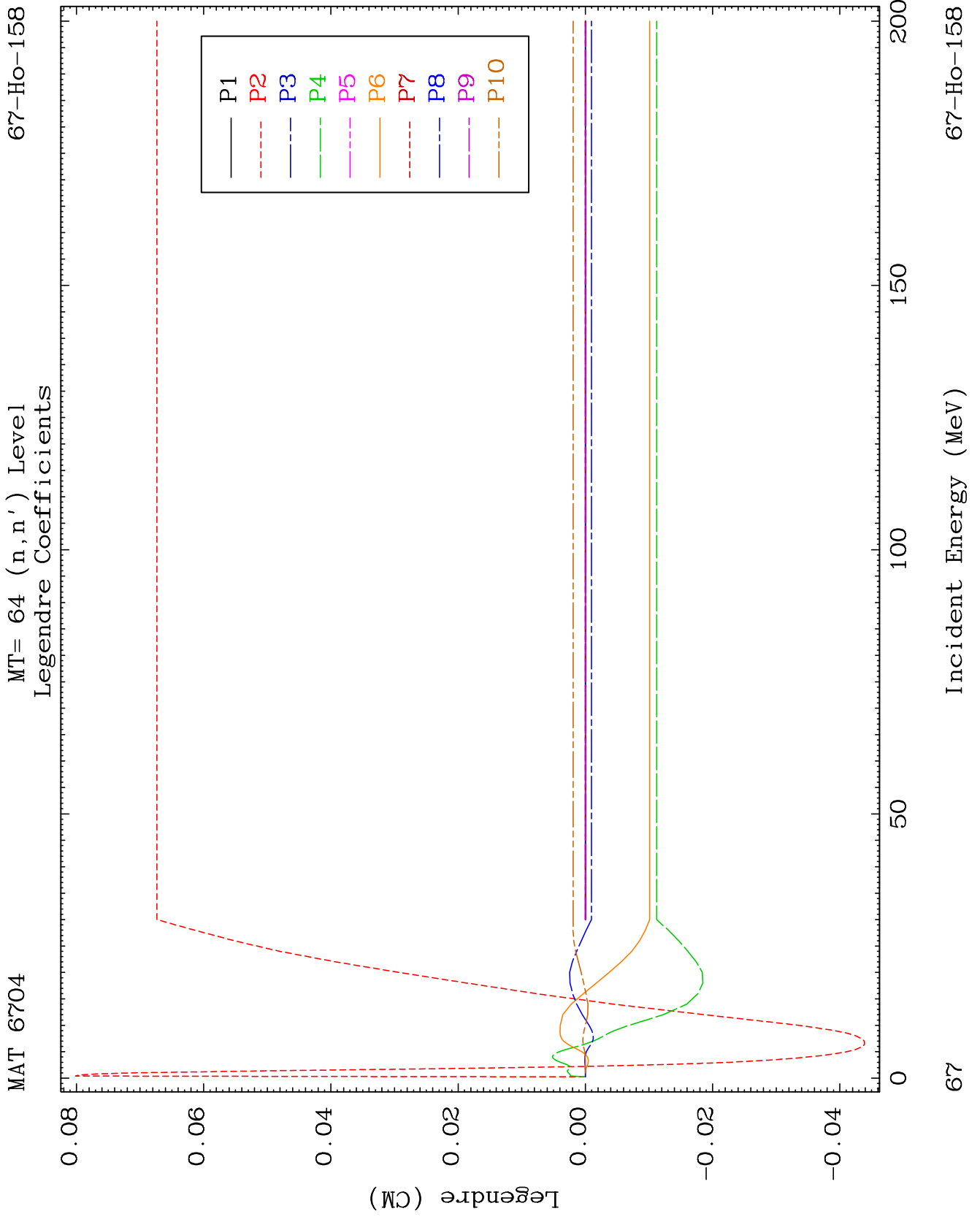
MAT 6704

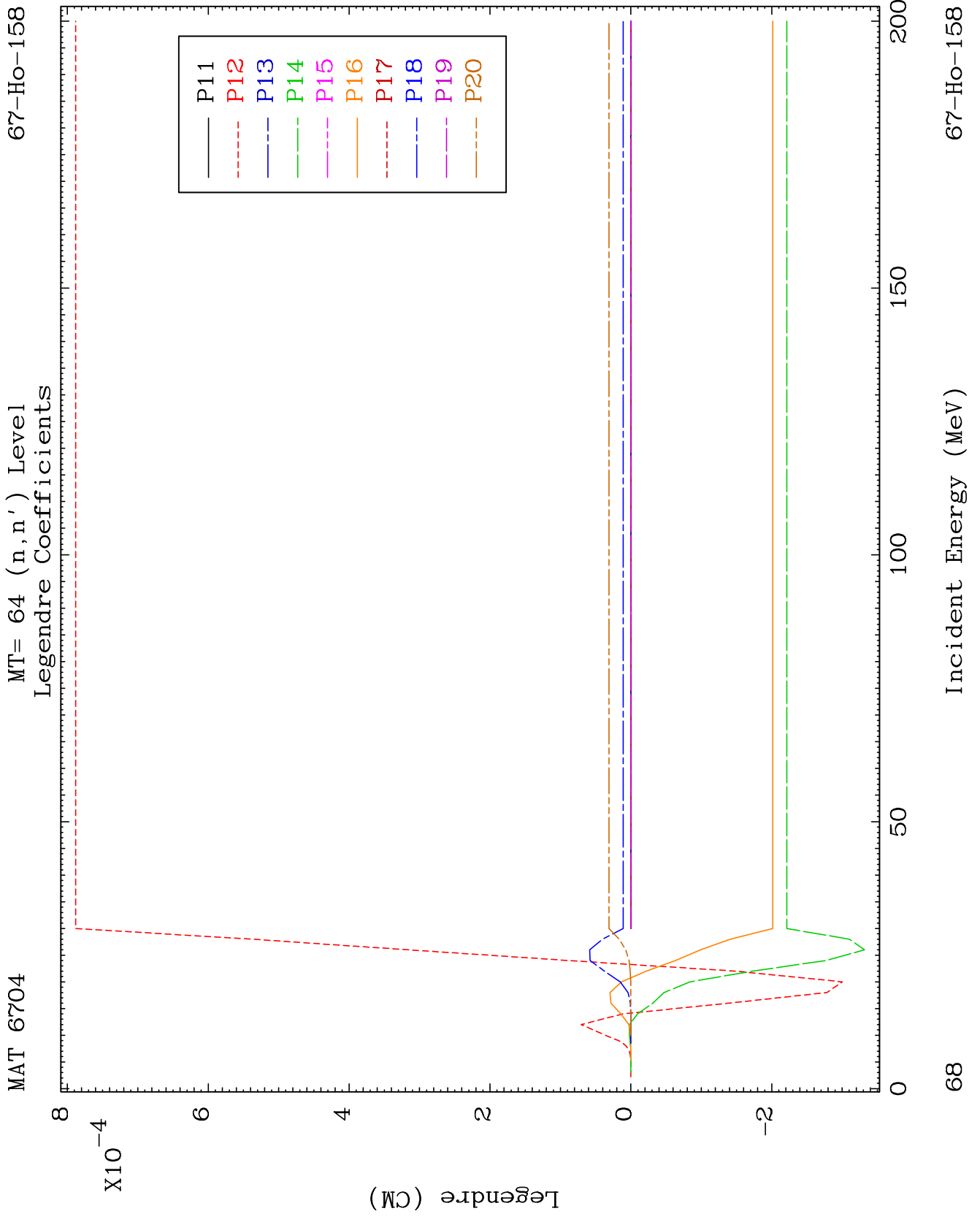
MT= 63 (n,n') Level  
Legendre Coefficients

67-Ho-158









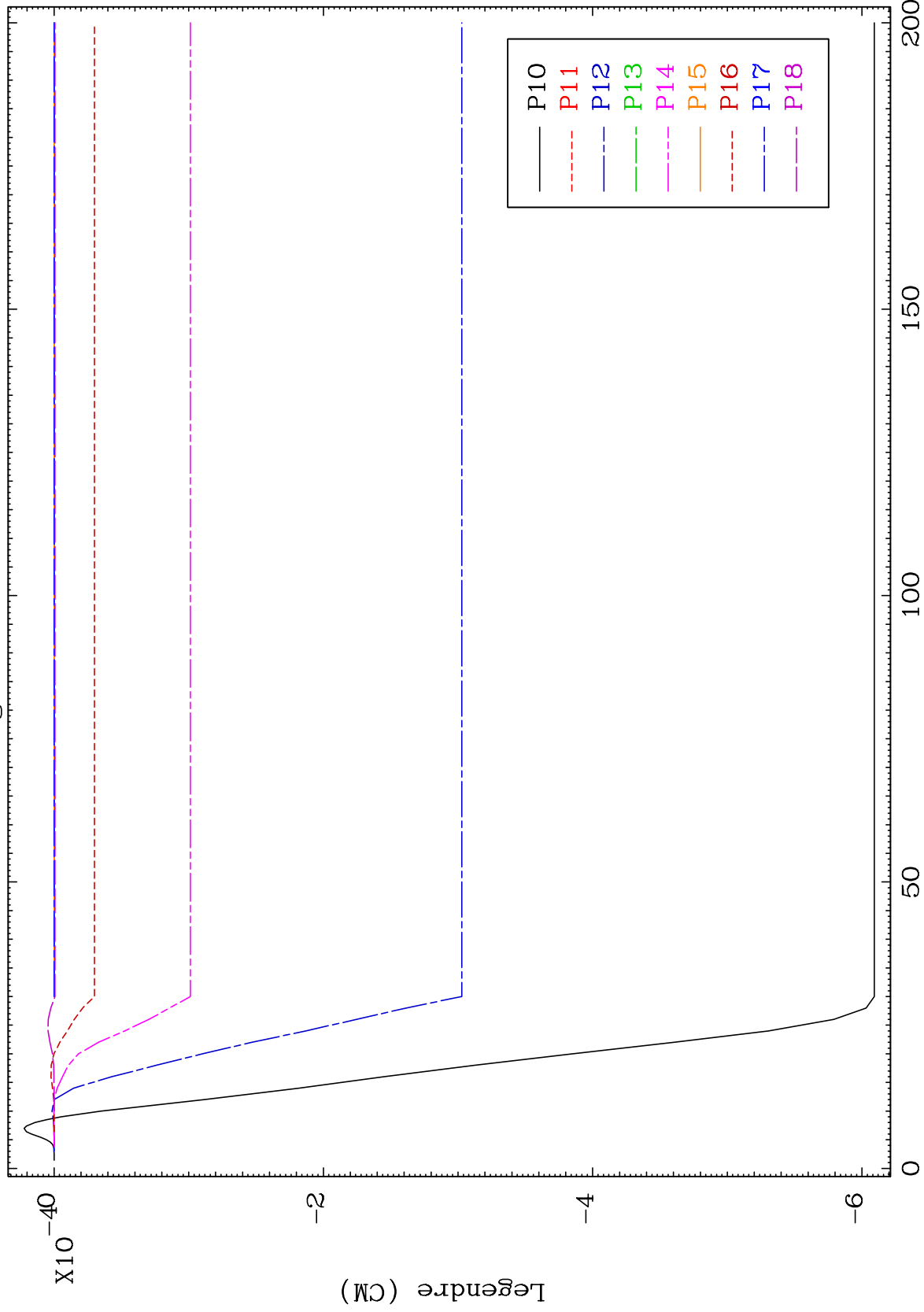




MAT 6704

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

67-Ho-158

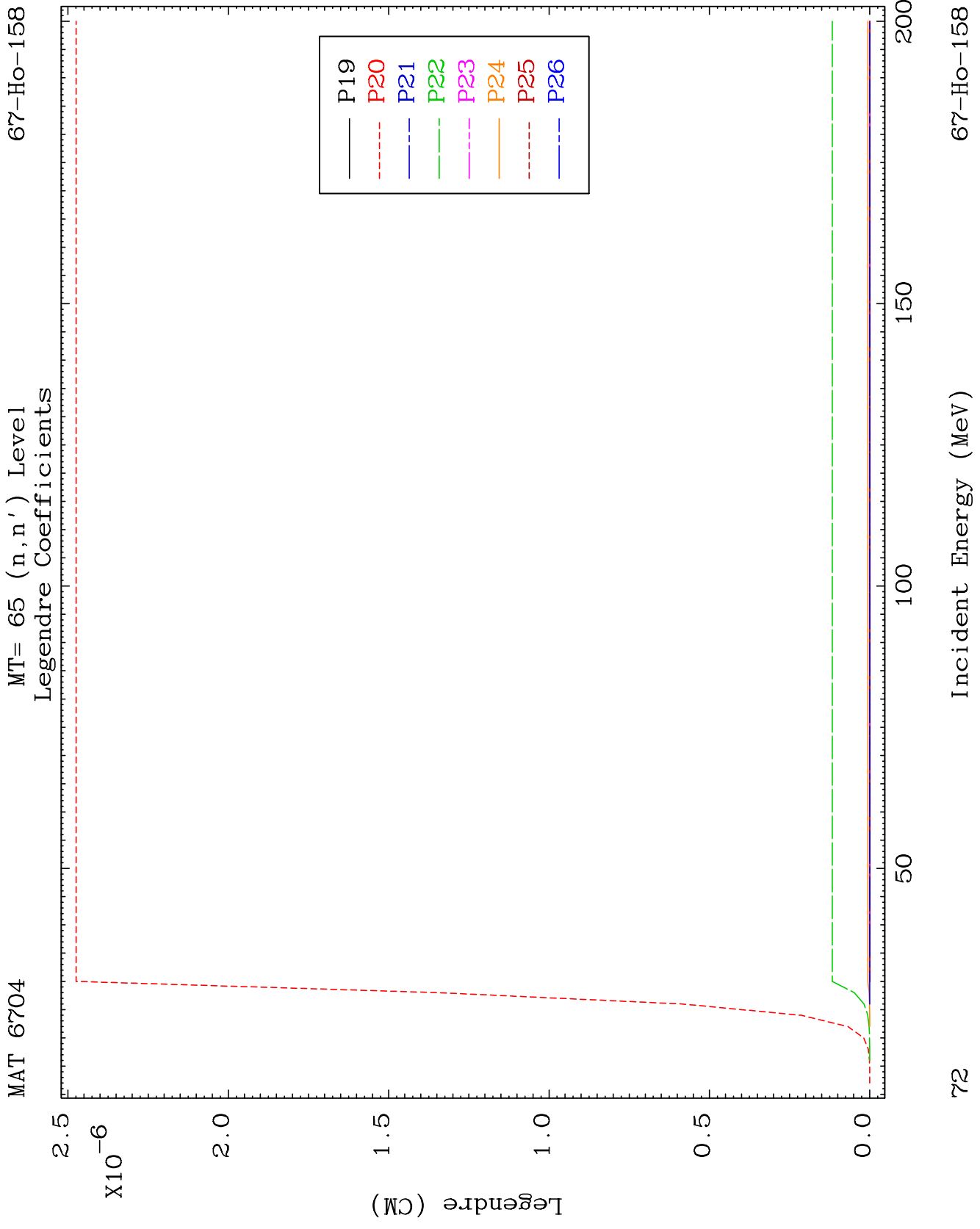


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Incident Energy (MeV)

67-Ho-158

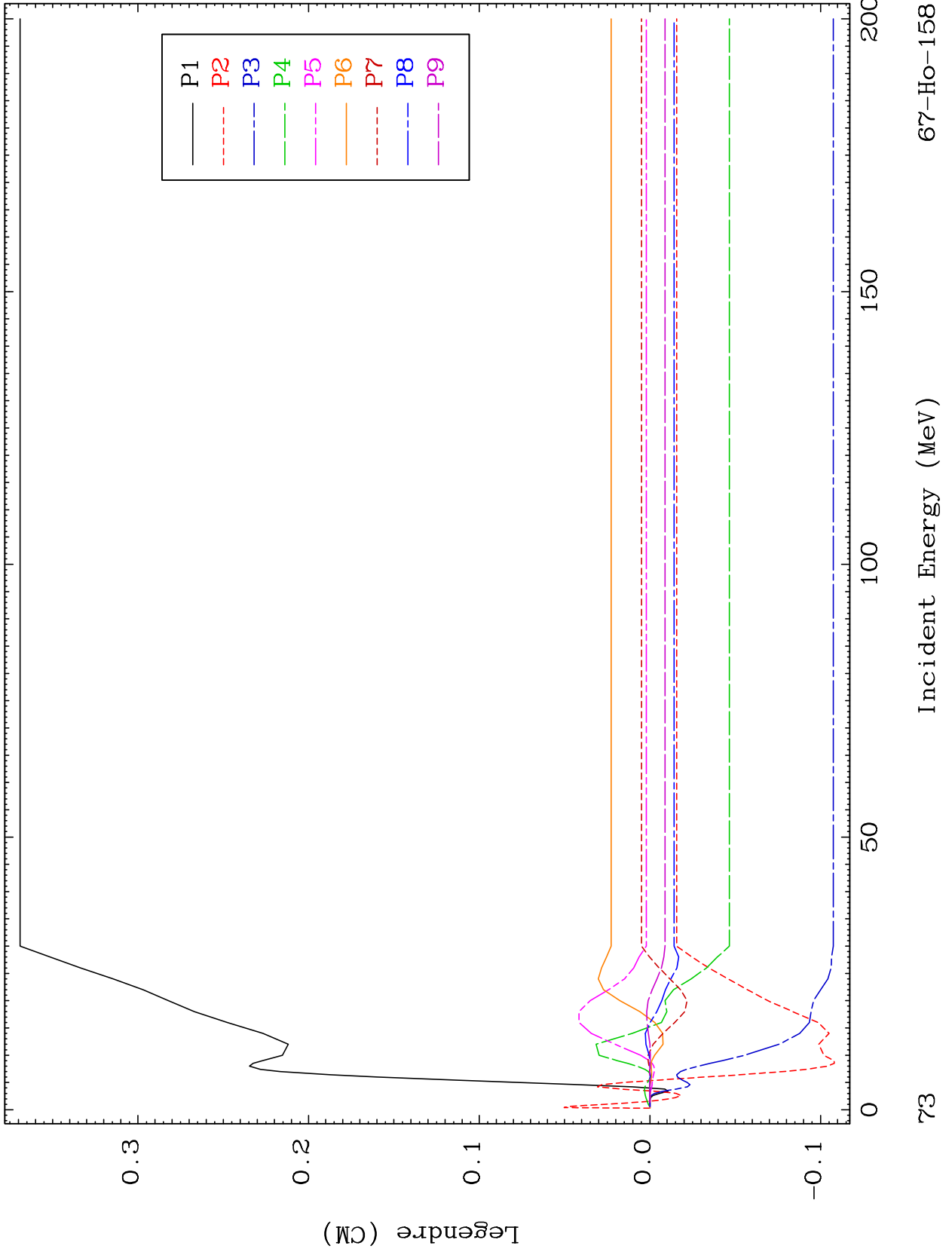




MAT 6704

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

67-Ho-158



67-Ho-158

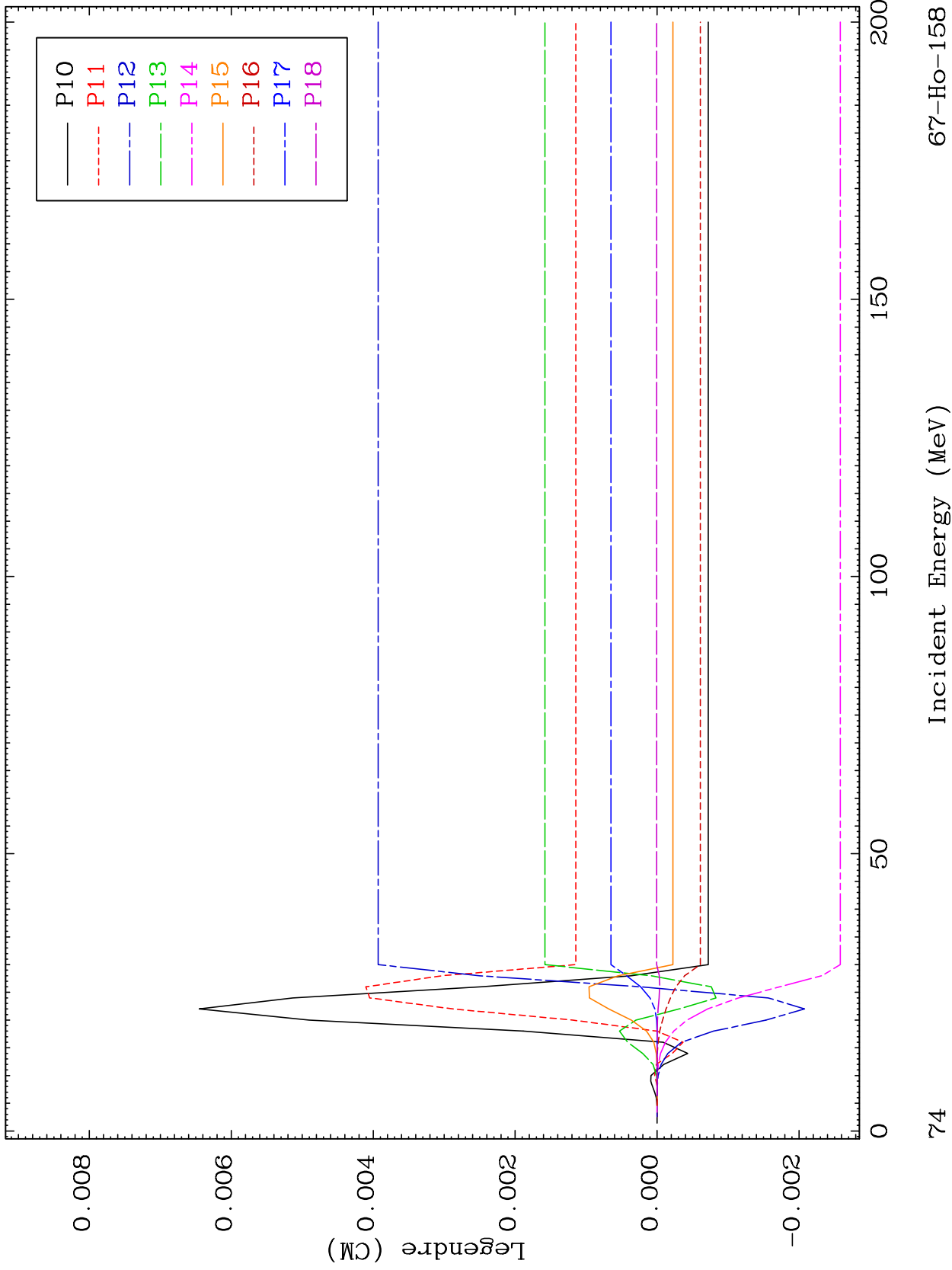
Incident Energy (MeV)

73

MAT 6704

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

67-Ho-158



74

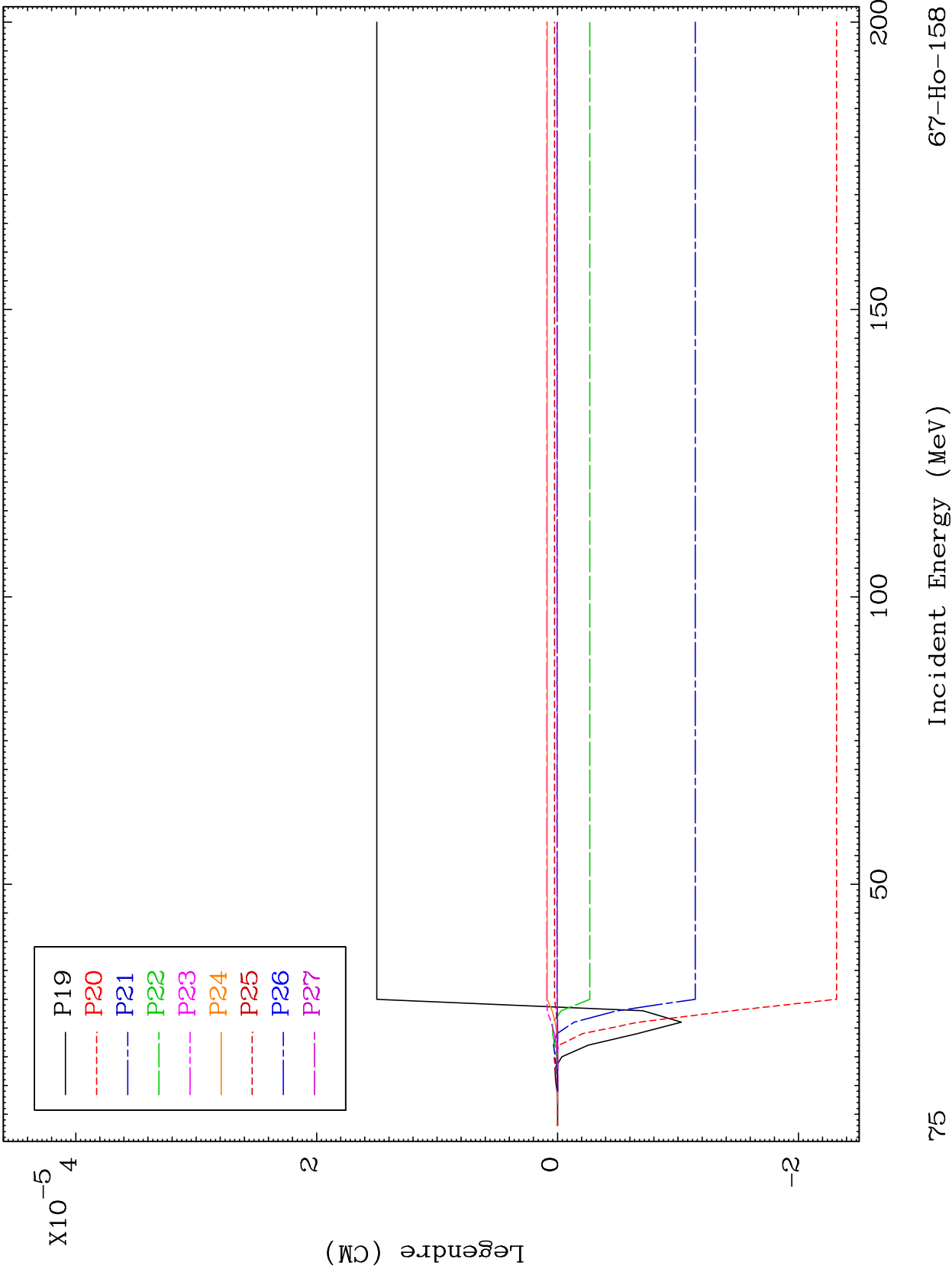
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



75

Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158

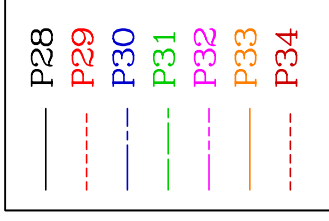
$\times 10^{-8}$   
1.5

1.0

0.5

0.0

Legendre (CM)



50

100

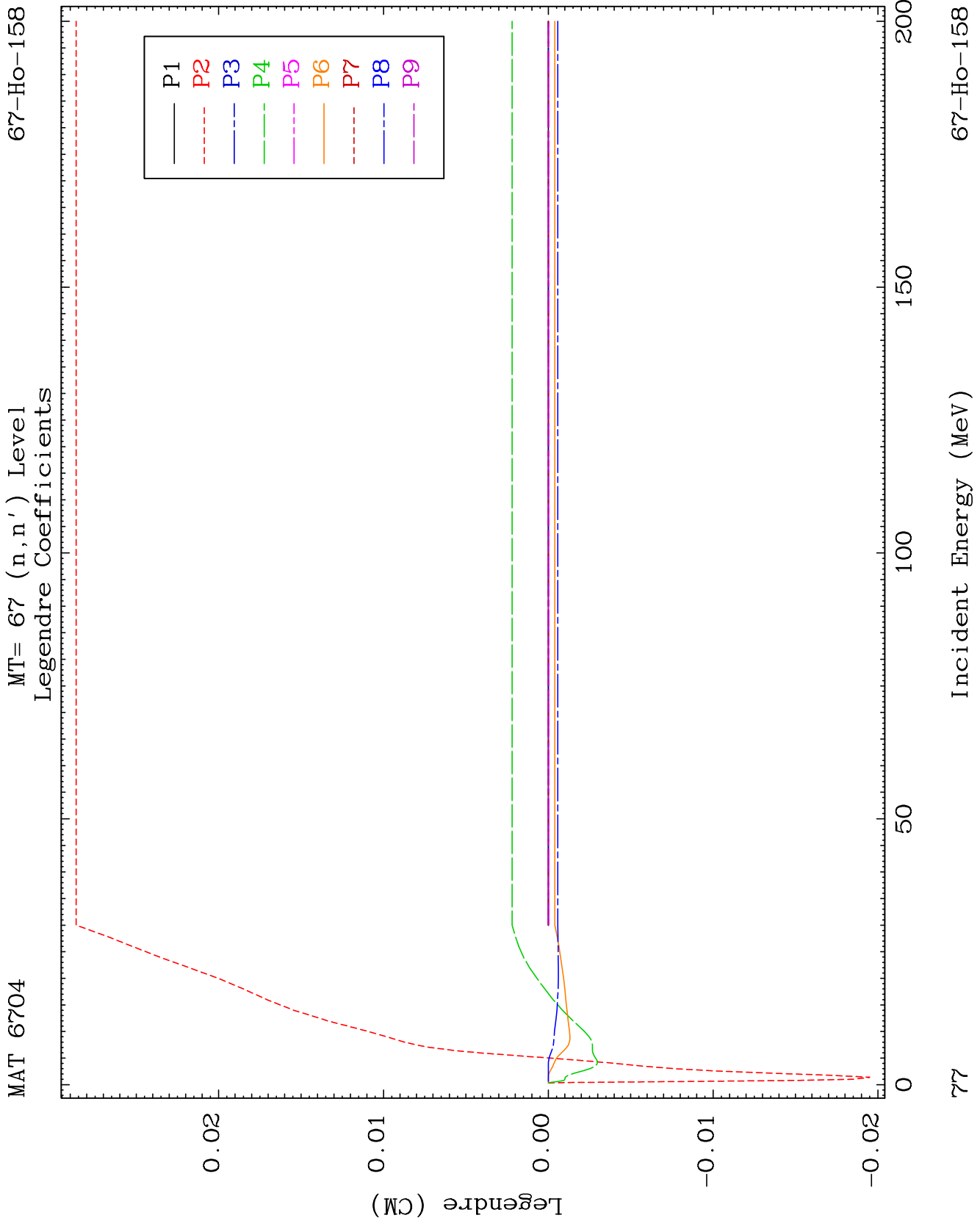
150

200

76

Incident Energy (MeV)

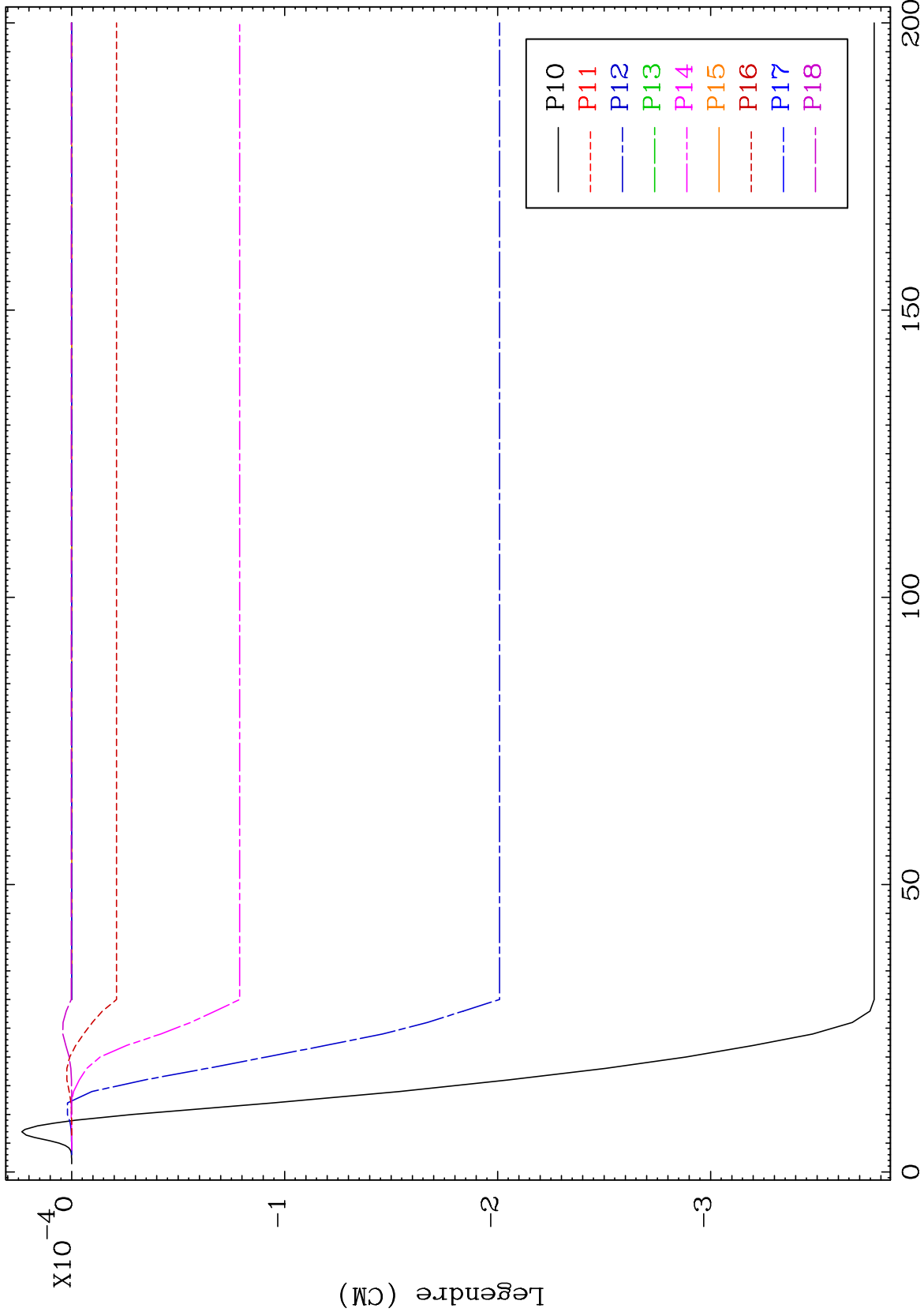
67-Ho-158



MAT 6704

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

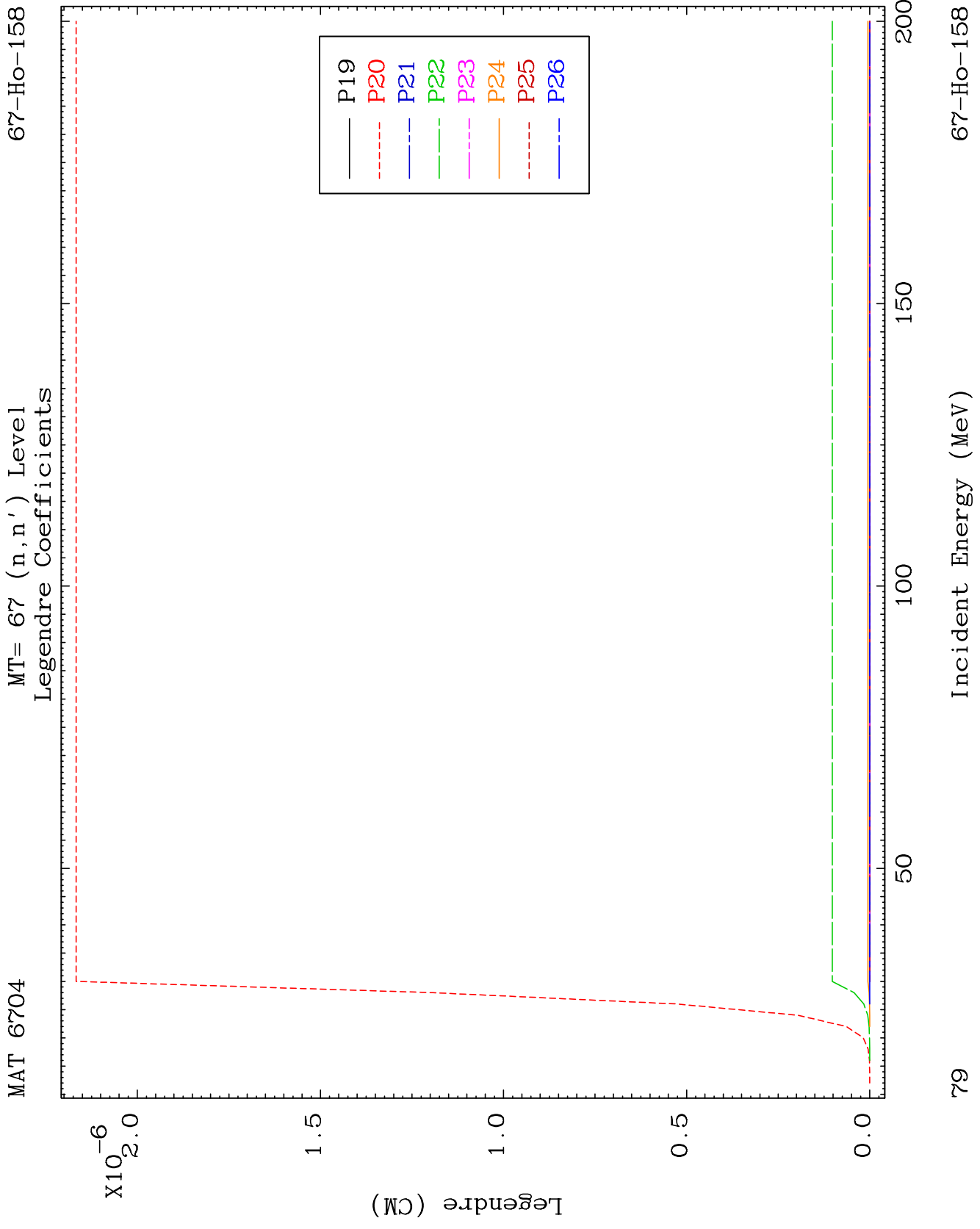
67-Ho-158



78

Incident Energy (MeV)

67-Ho-158

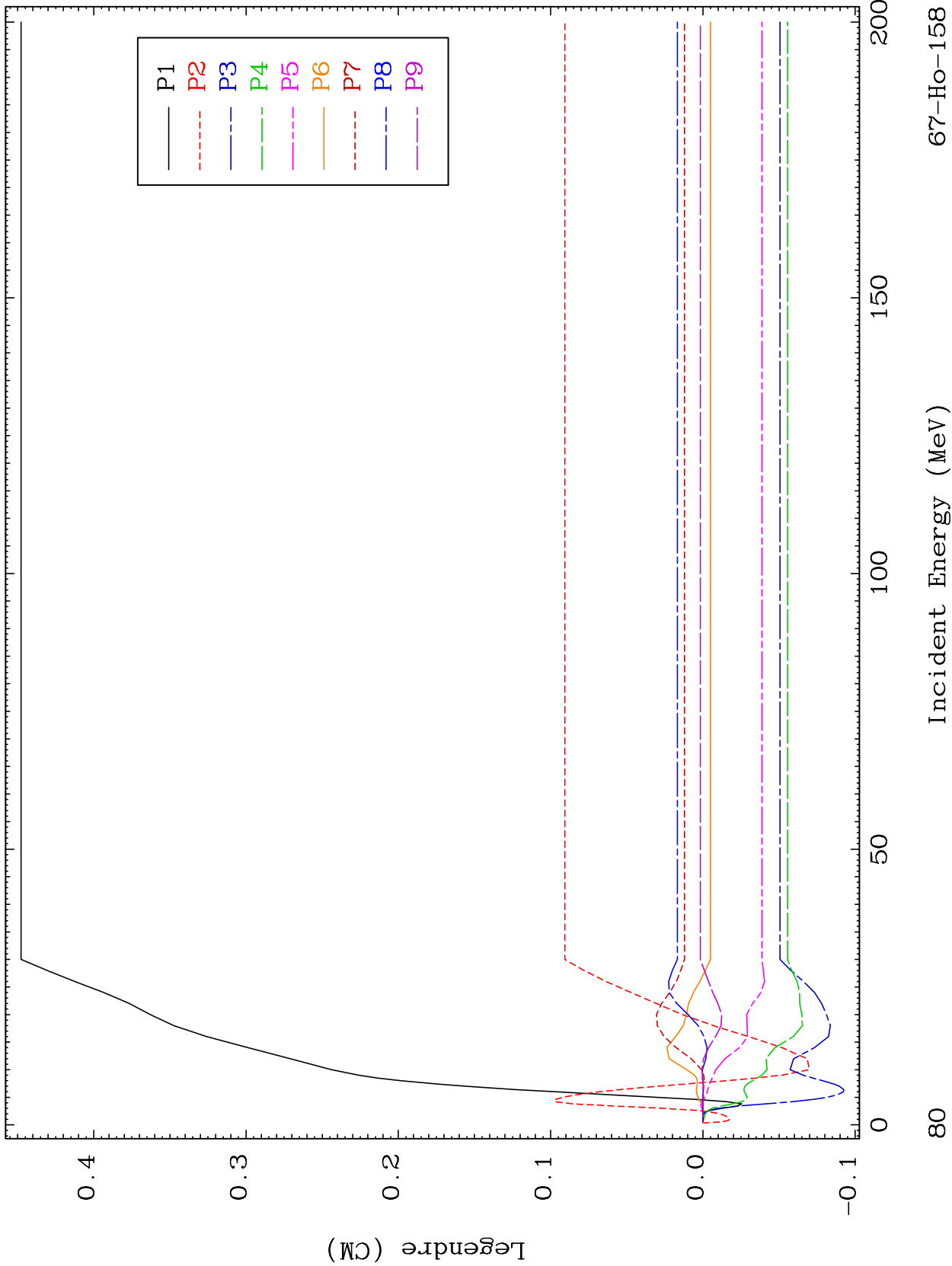




MAT 6704

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

67-Ho-158



67-Ho-158

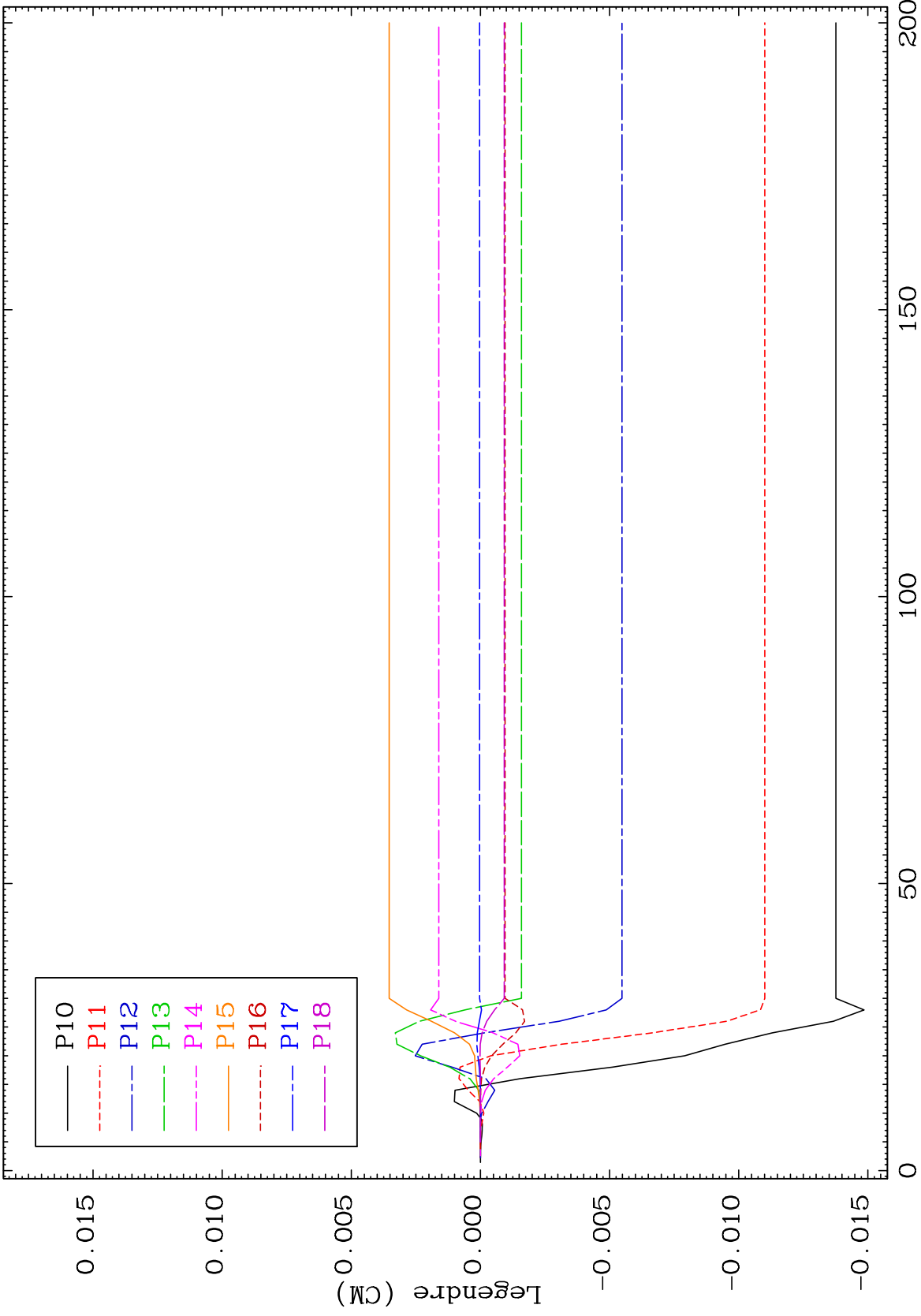
Incident Energy (MeV)

80

MAT 6704

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

67-Ho-158



81

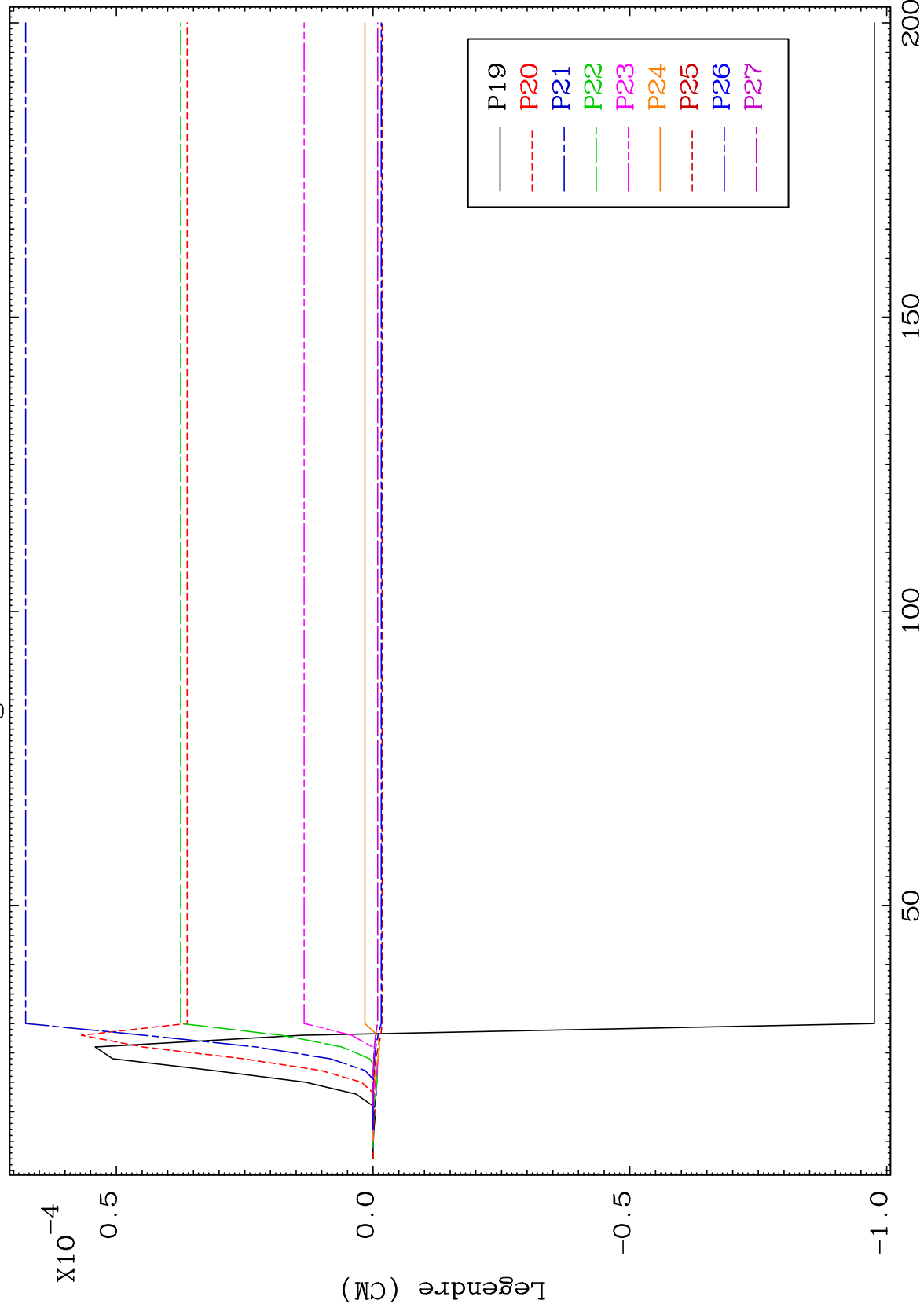
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



82

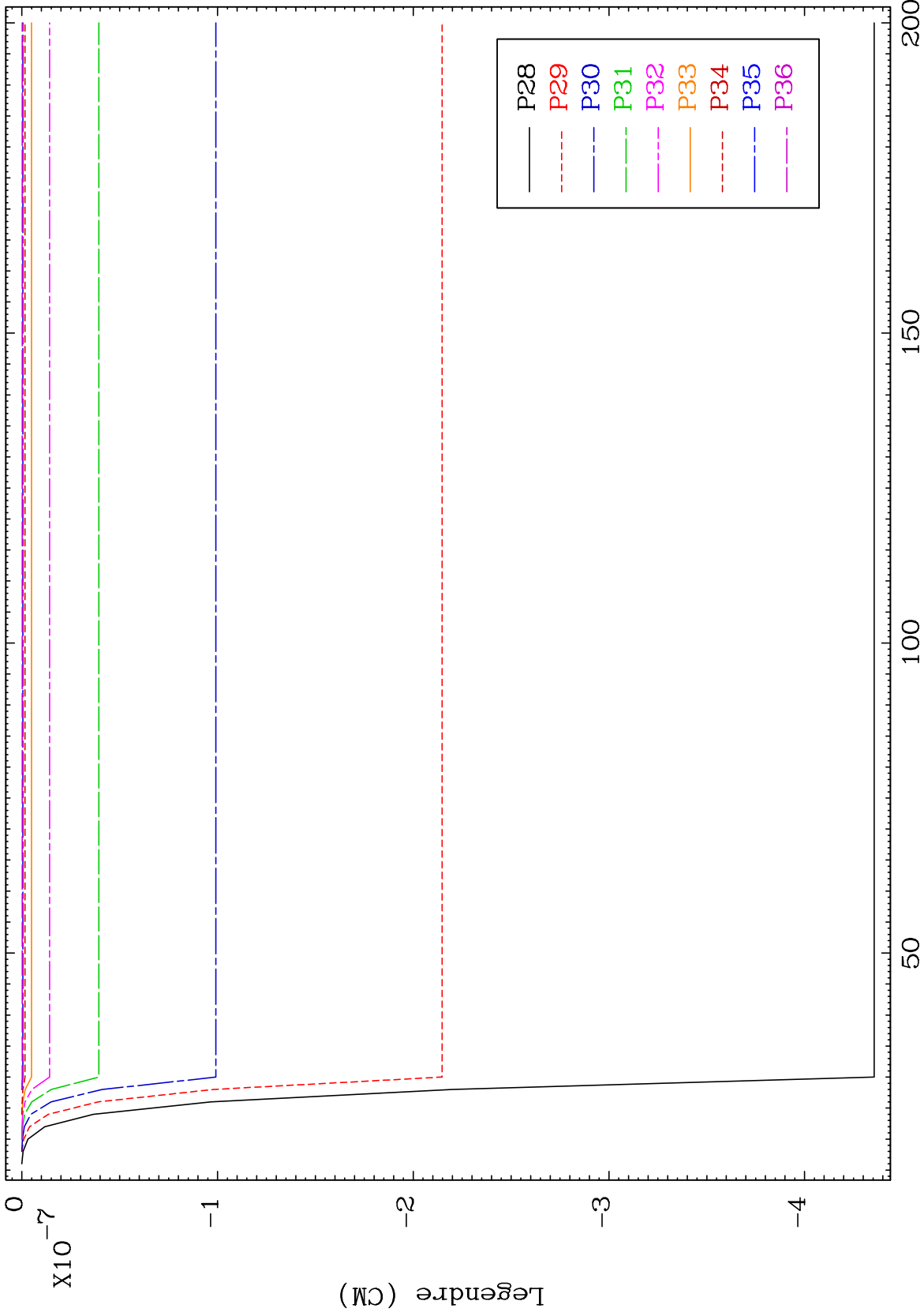
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



83

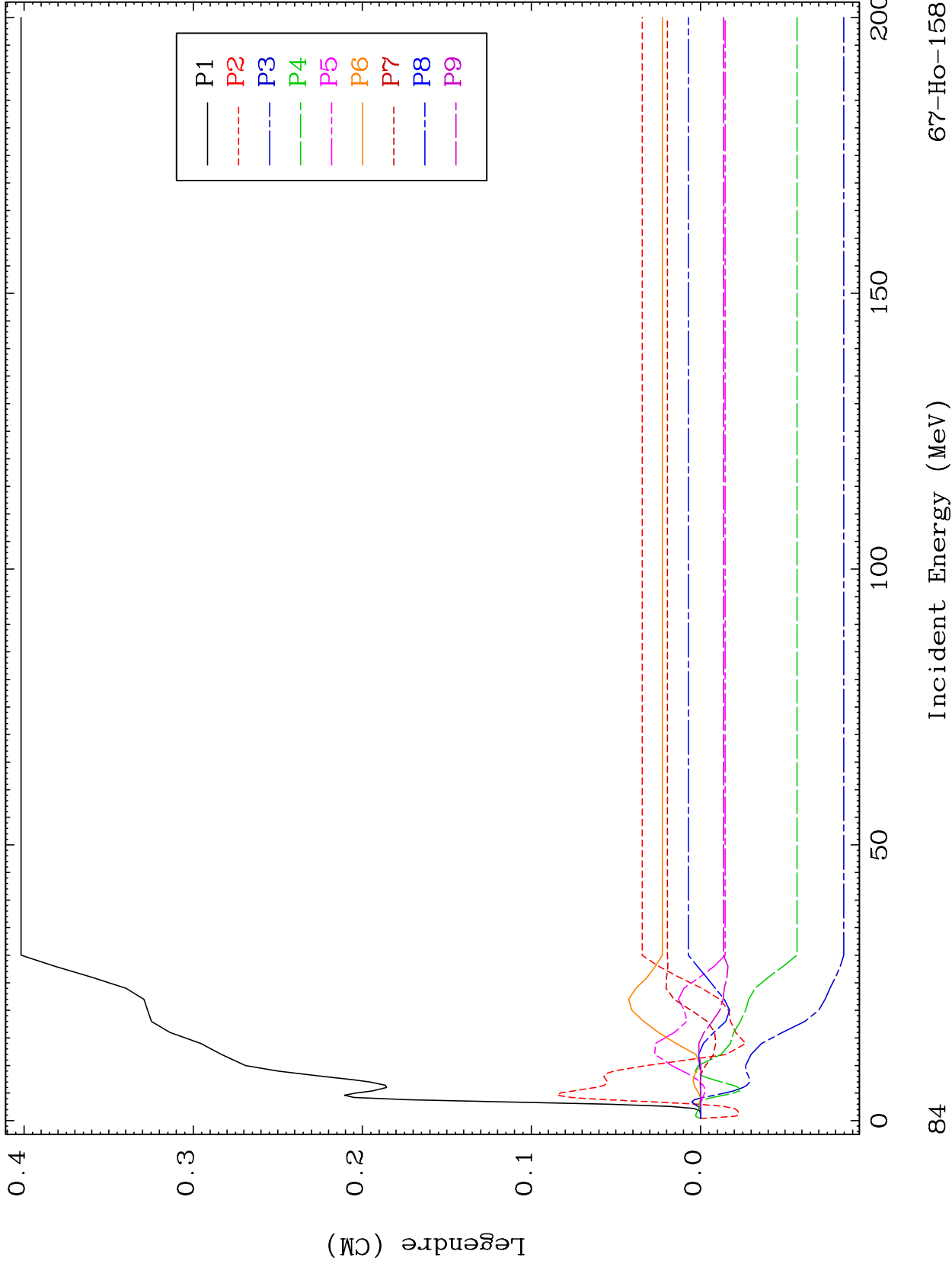
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



67-Ho-158

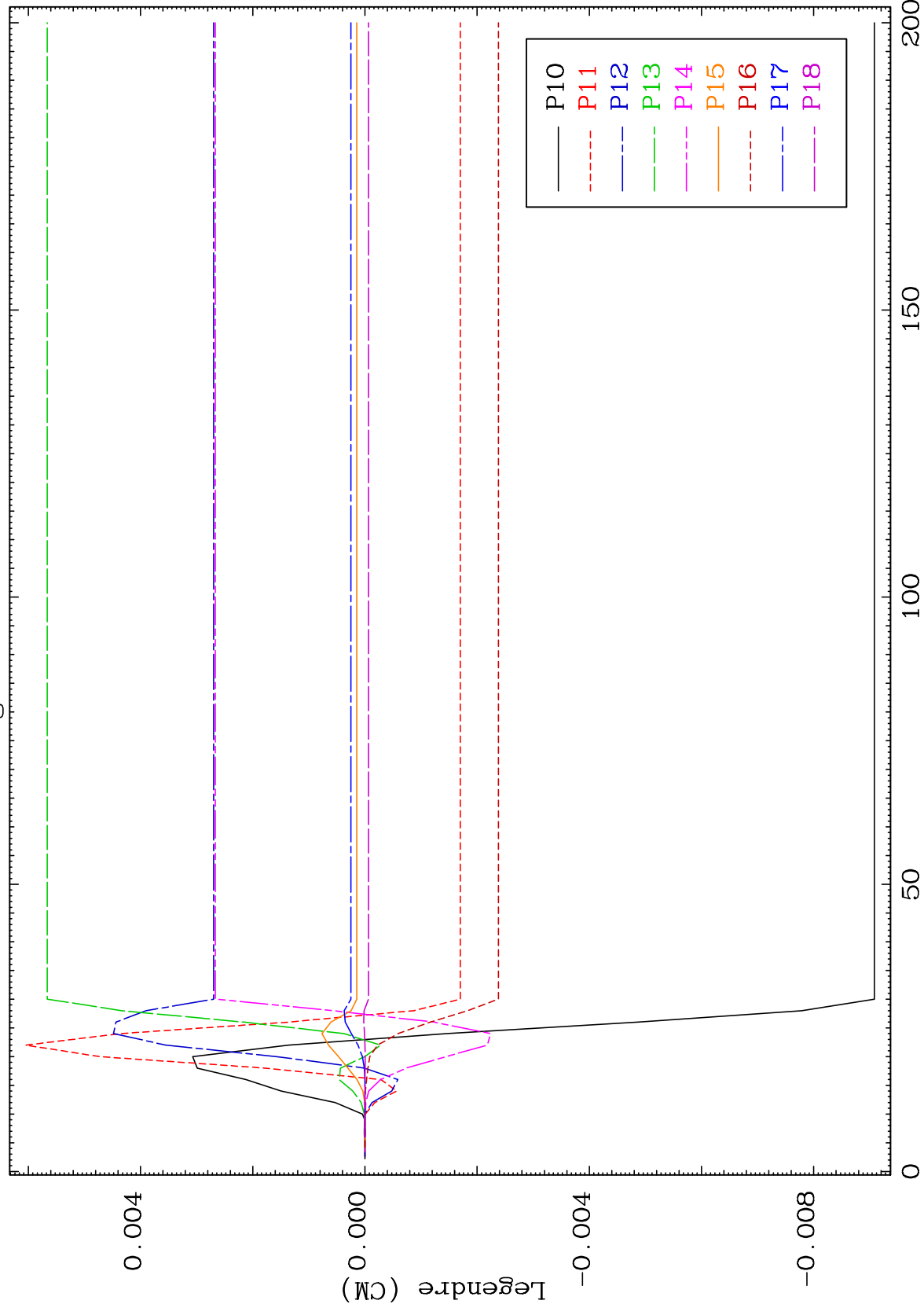
Incident Energy (MeV)

84

MAT 6704

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

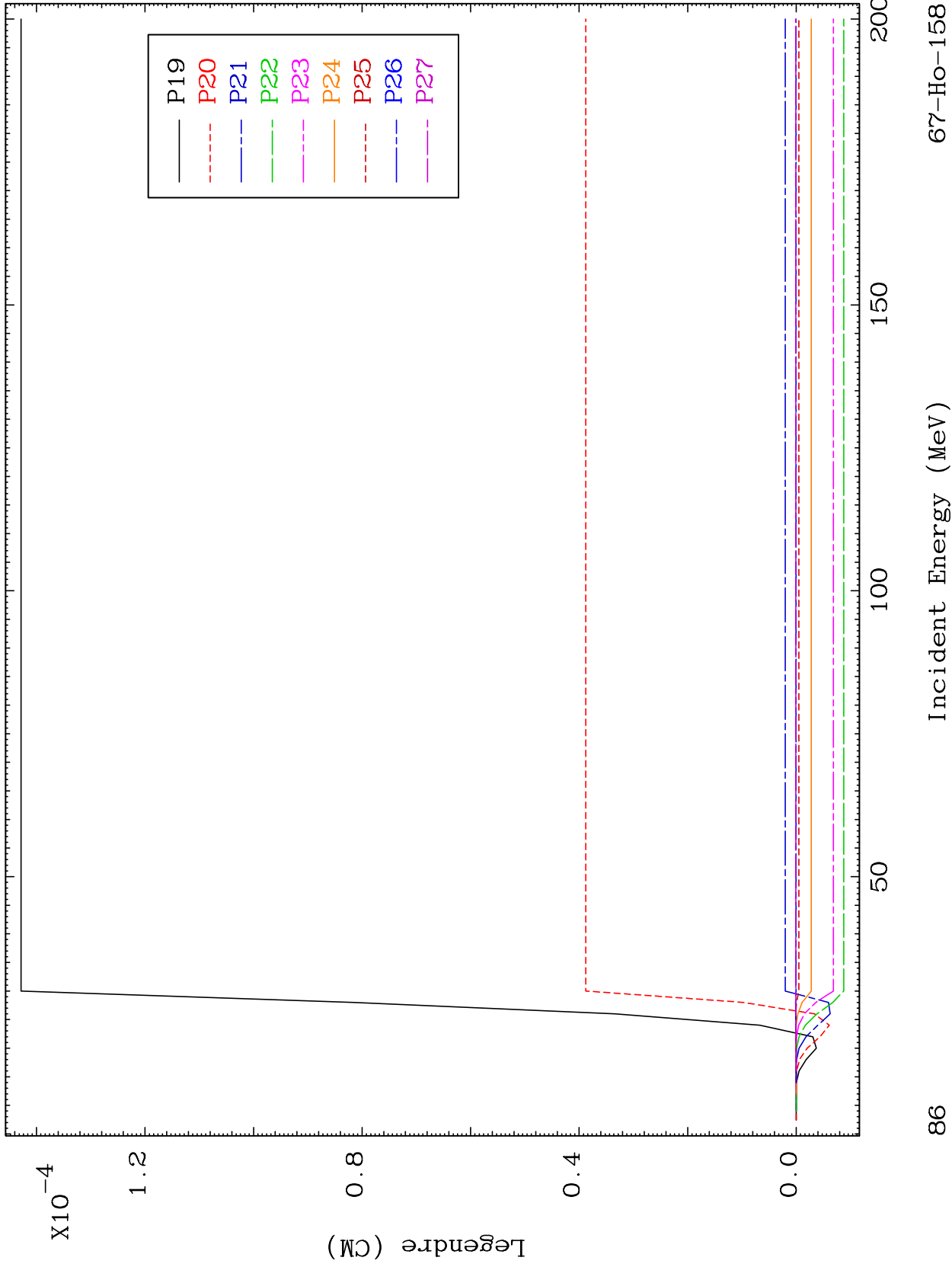
67-Ho-158



85

Incident Energy (MeV)

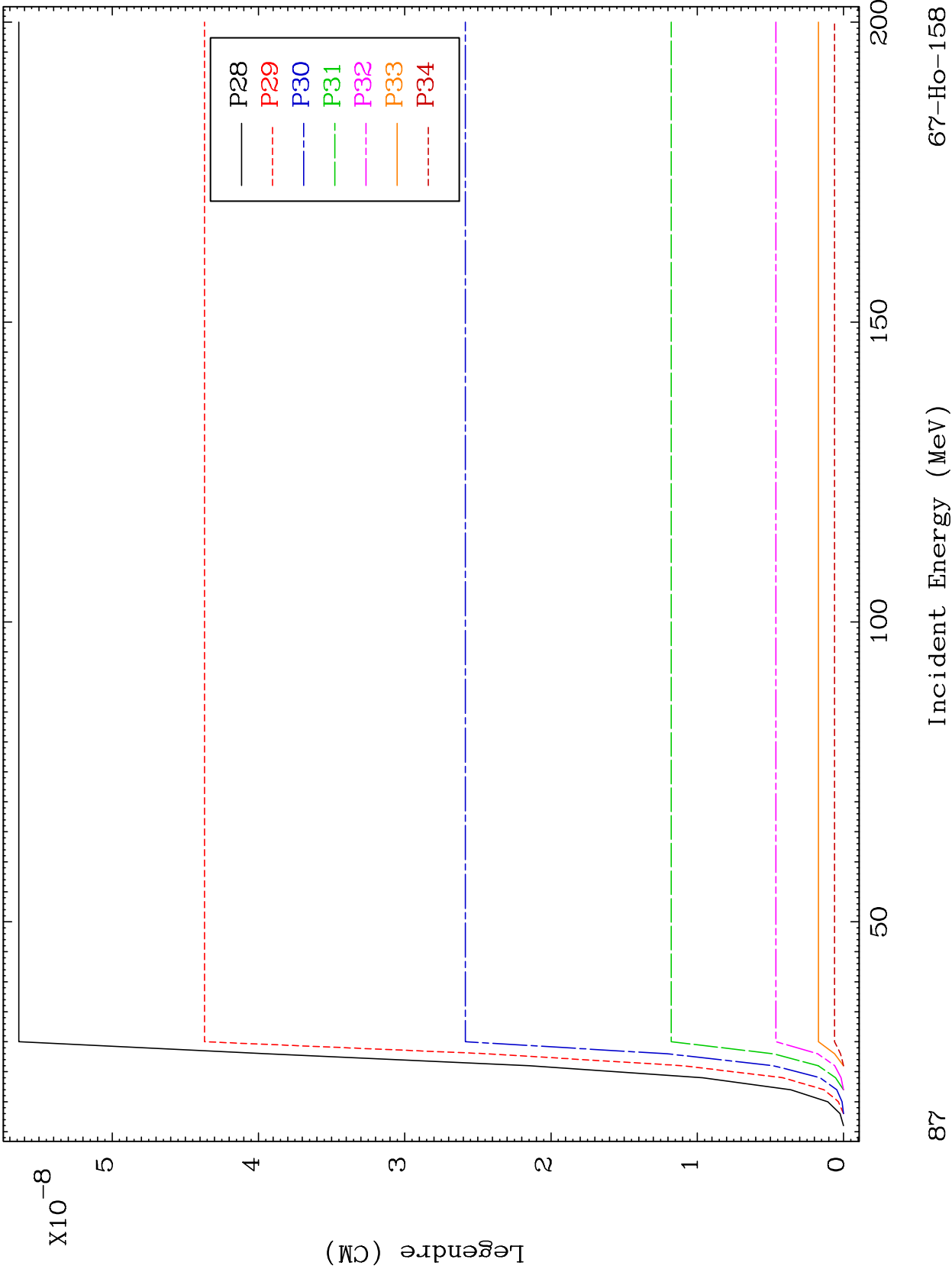
67-Ho-158



MAT 6704

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

67-Ho-158

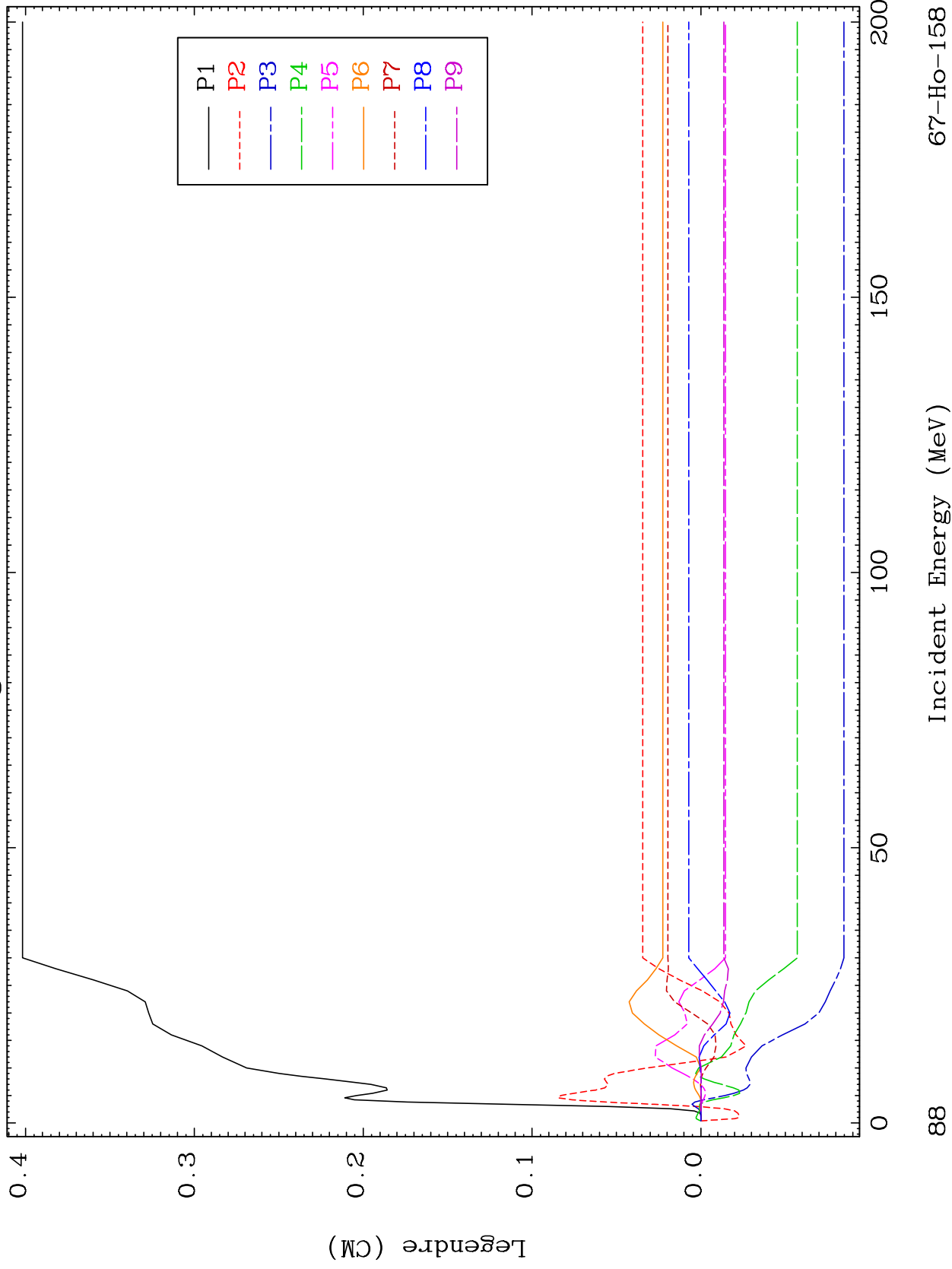




MAT 6704

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

67-Ho-158



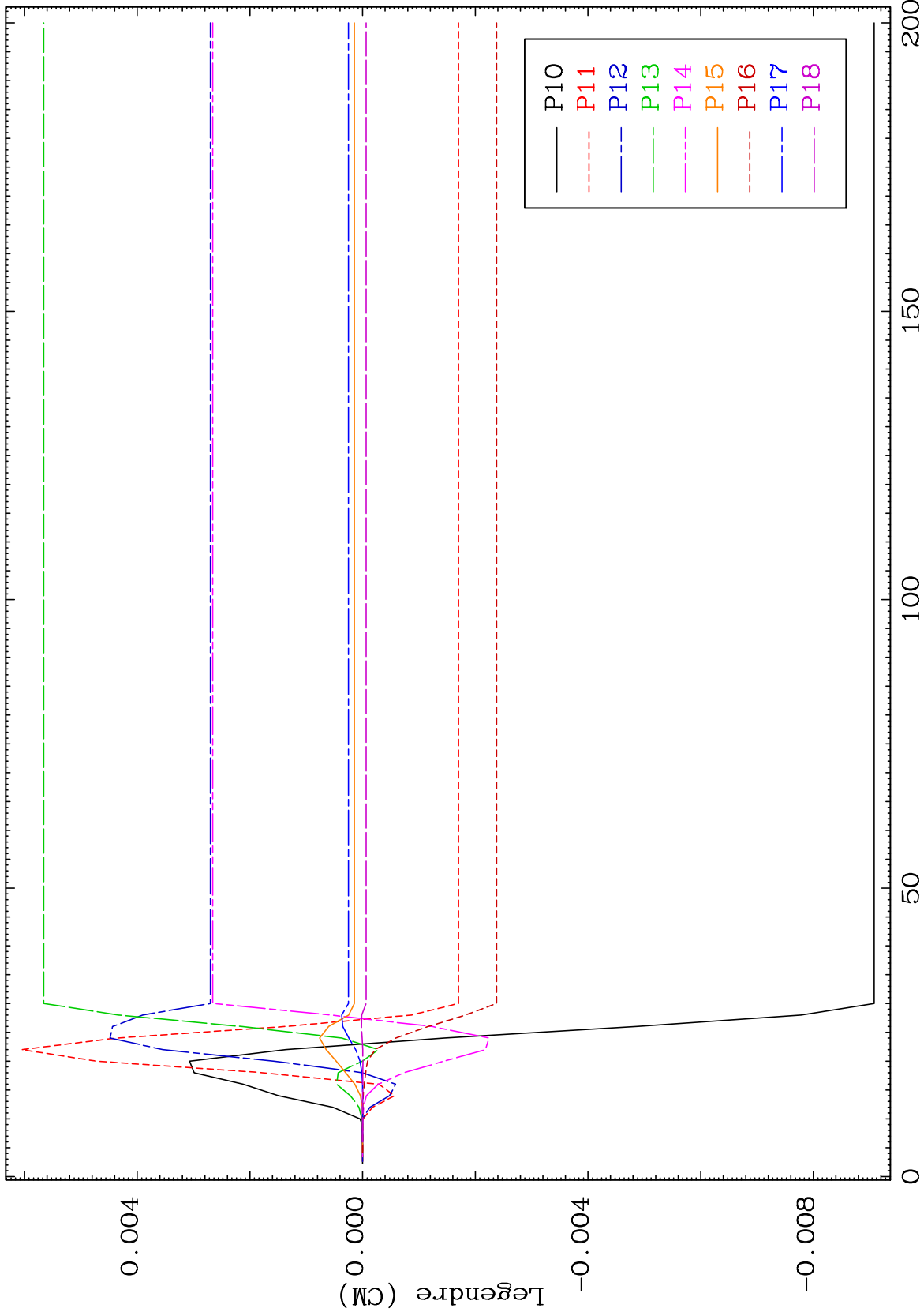
88

67-Ho-158

MAT 6704

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

67-Ho-158



89

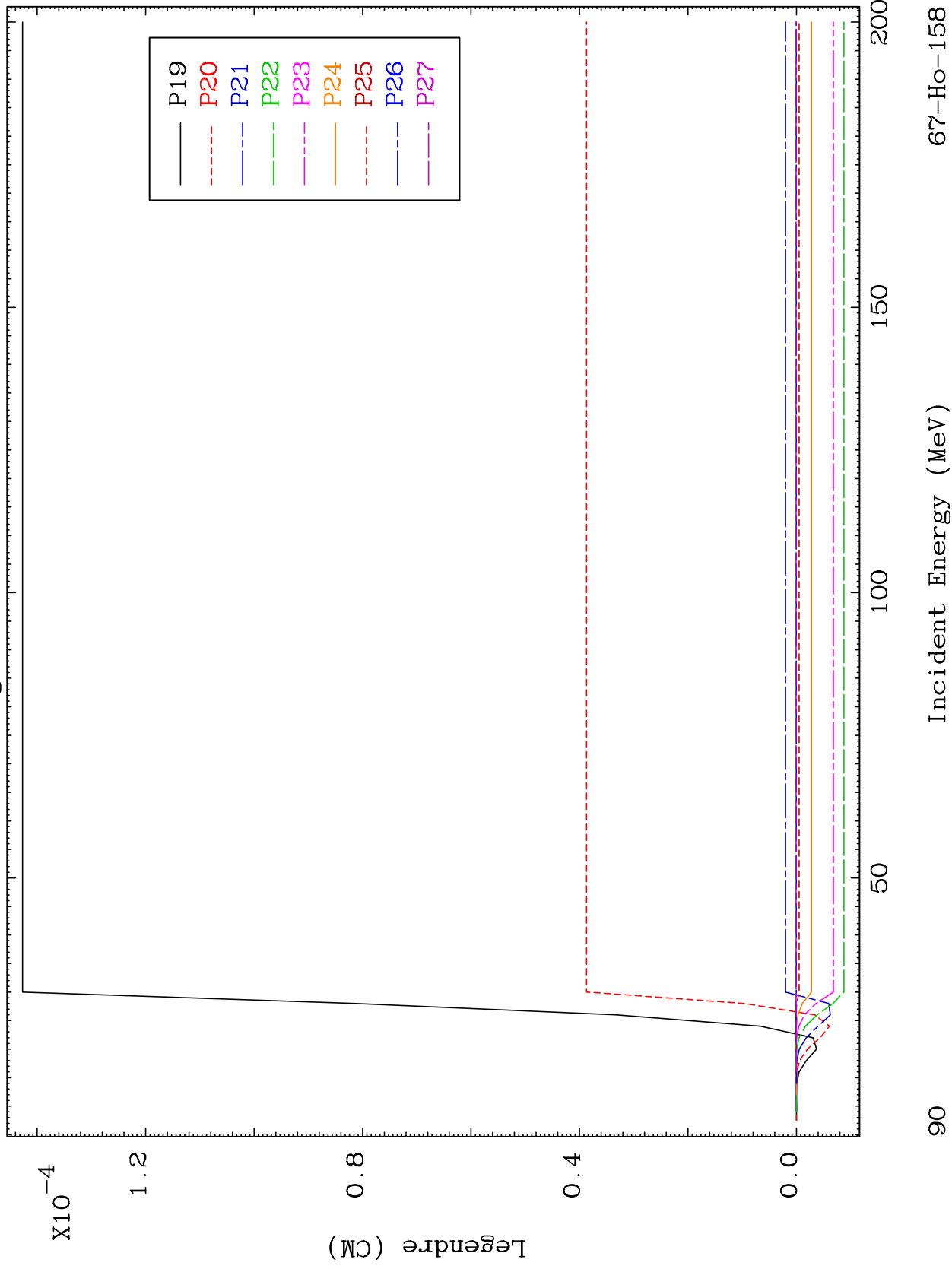
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



67-Ho-158

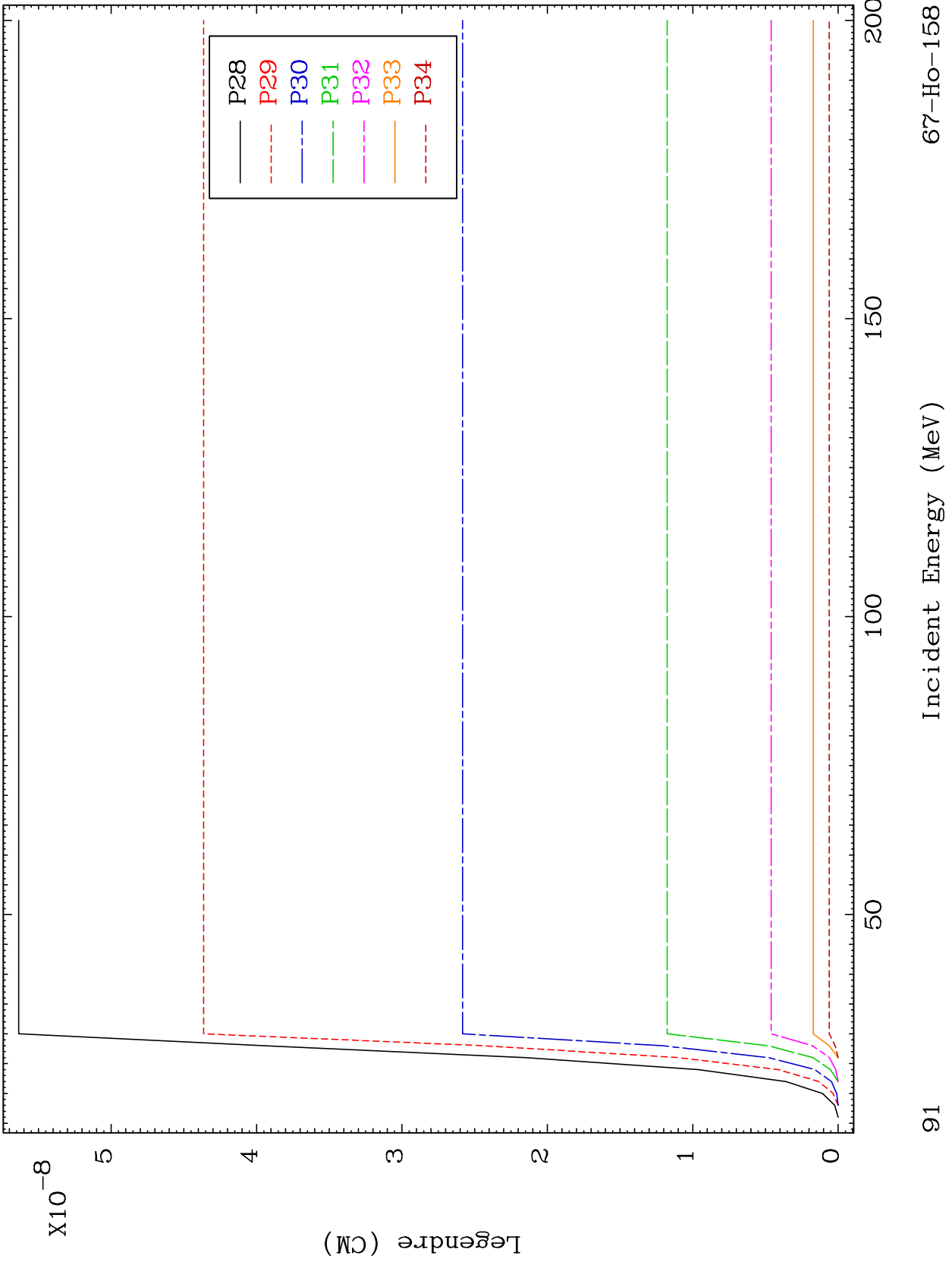
Incident Energy (MeV)

90

MAT 6704

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

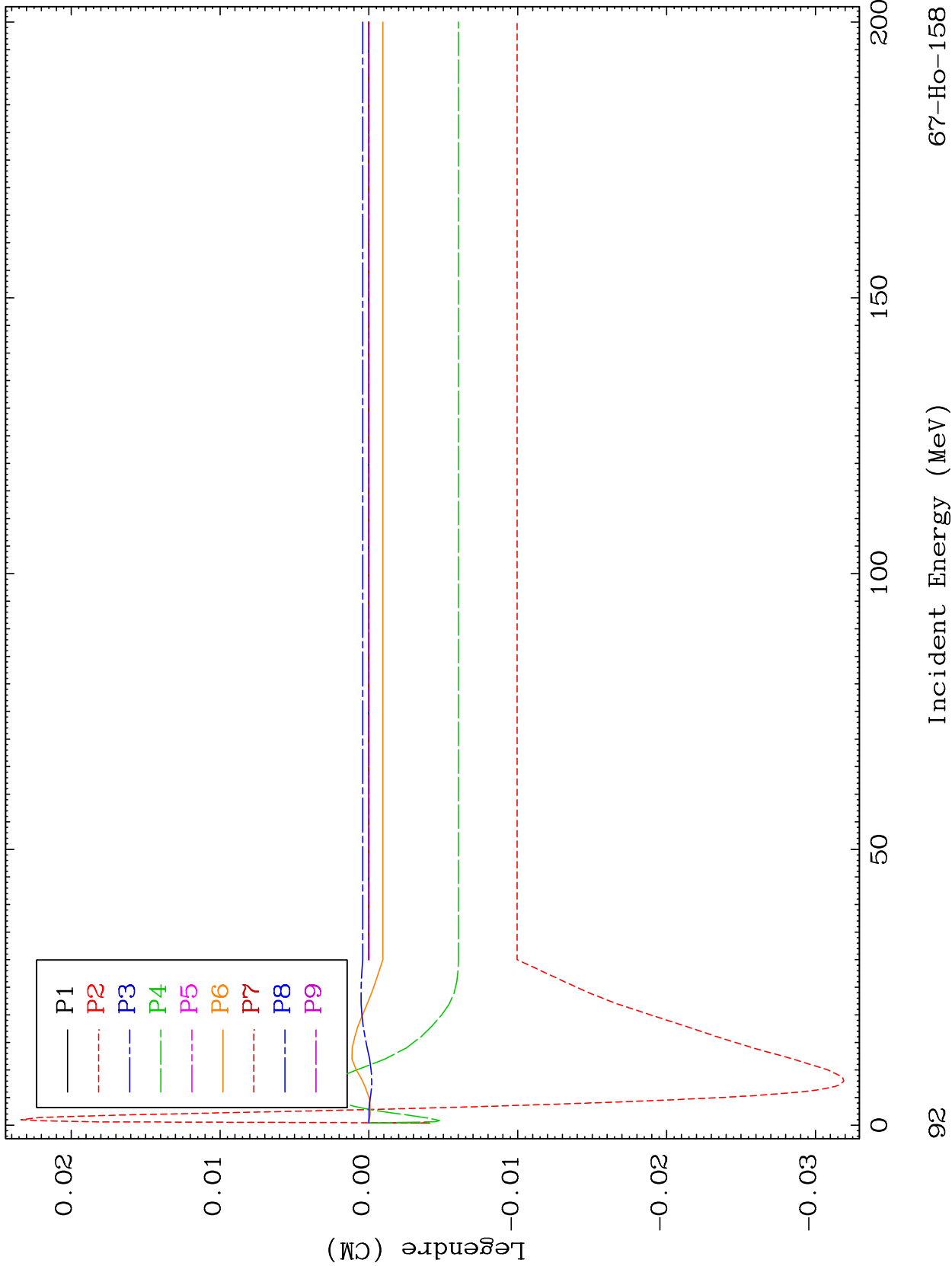
67-Ho-158



MAT 6704

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

67-Ho-158



67-Ho-158

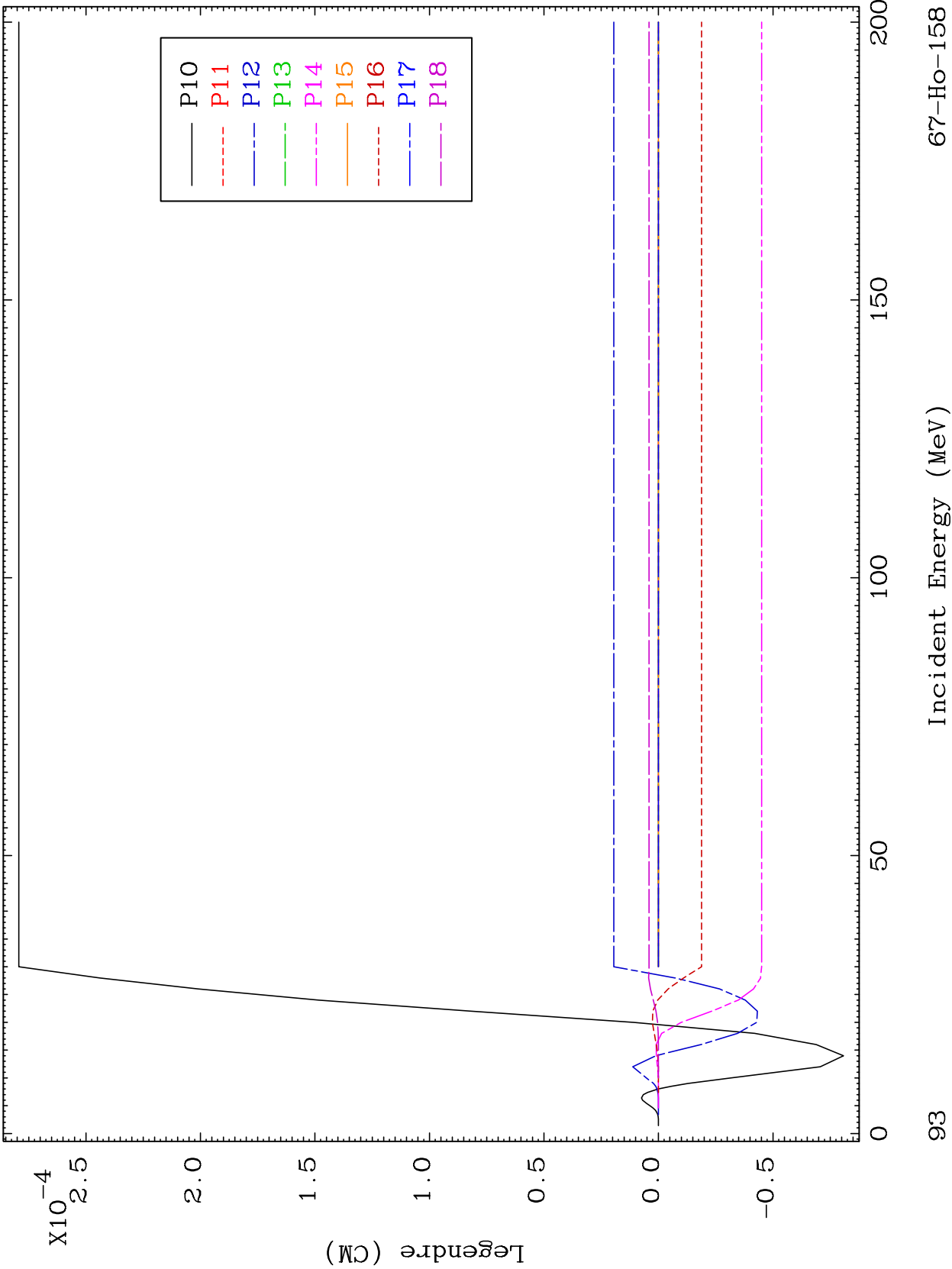
Incident Energy (MeV)

92

MAT 6704

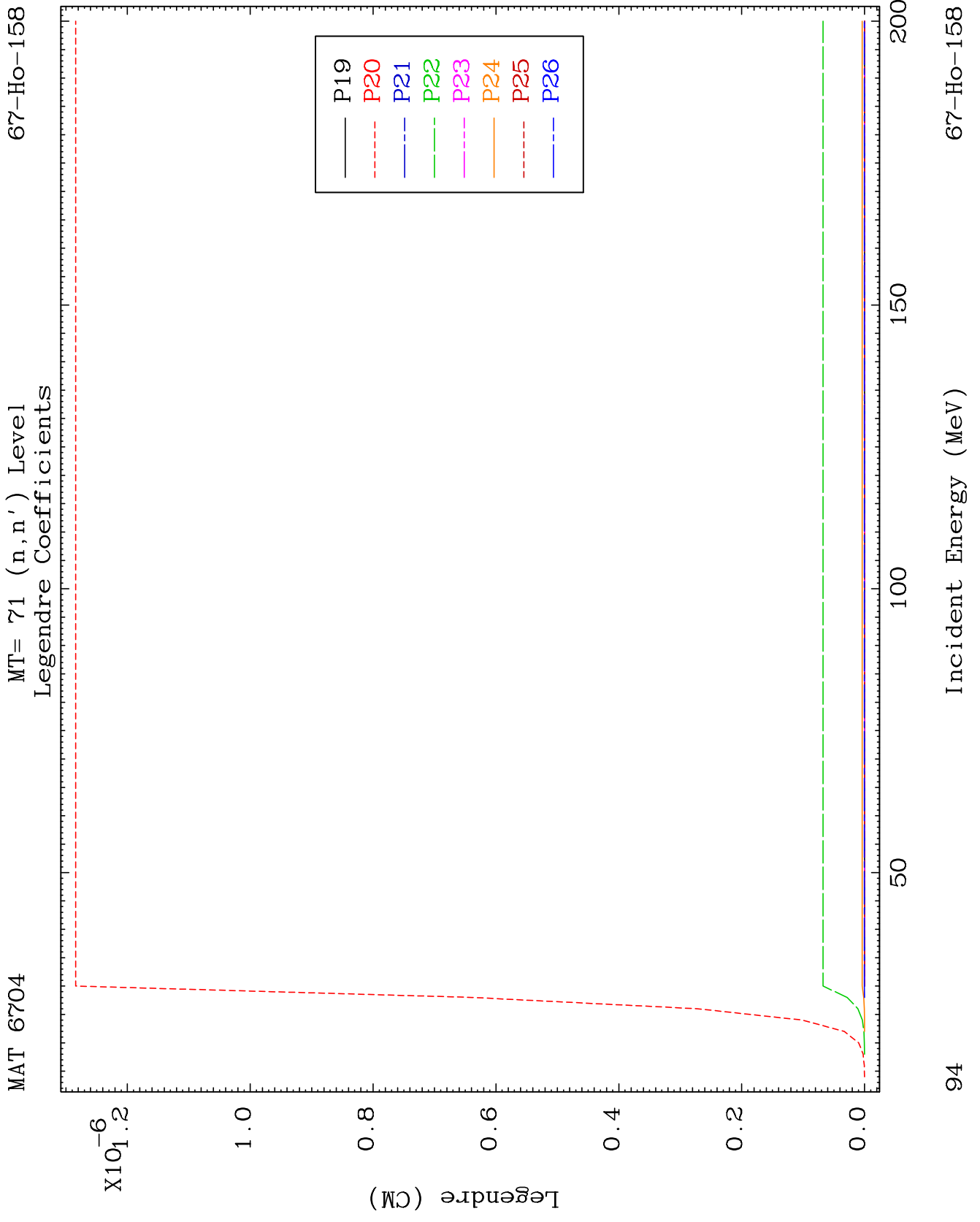
MT= 71 (n,n') Level  
Legendre Coefficients

67-Ho-158



93

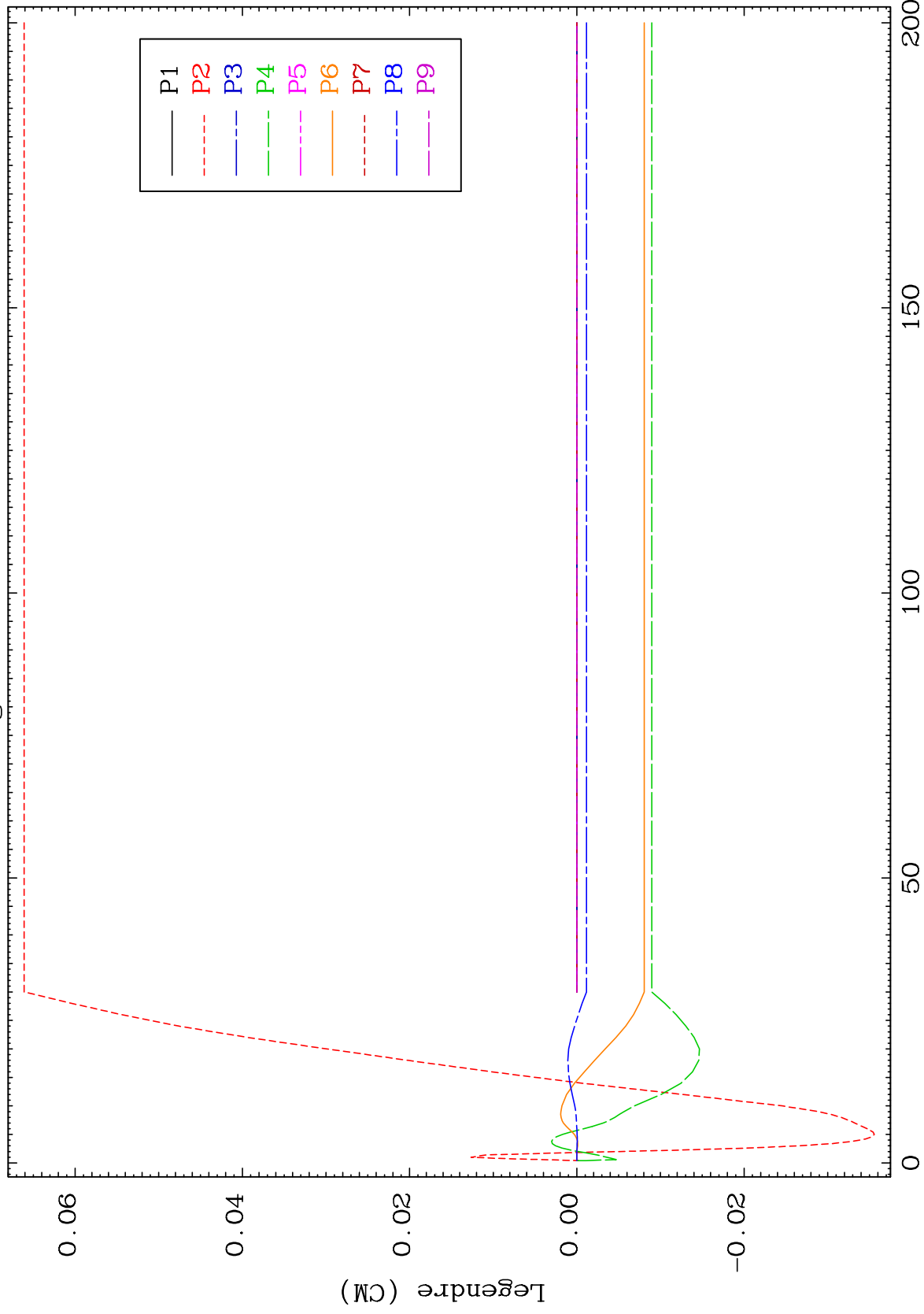
67-Ho-158



MAT 6704

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

67-Ho-158



95

Incident Energy (MeV)

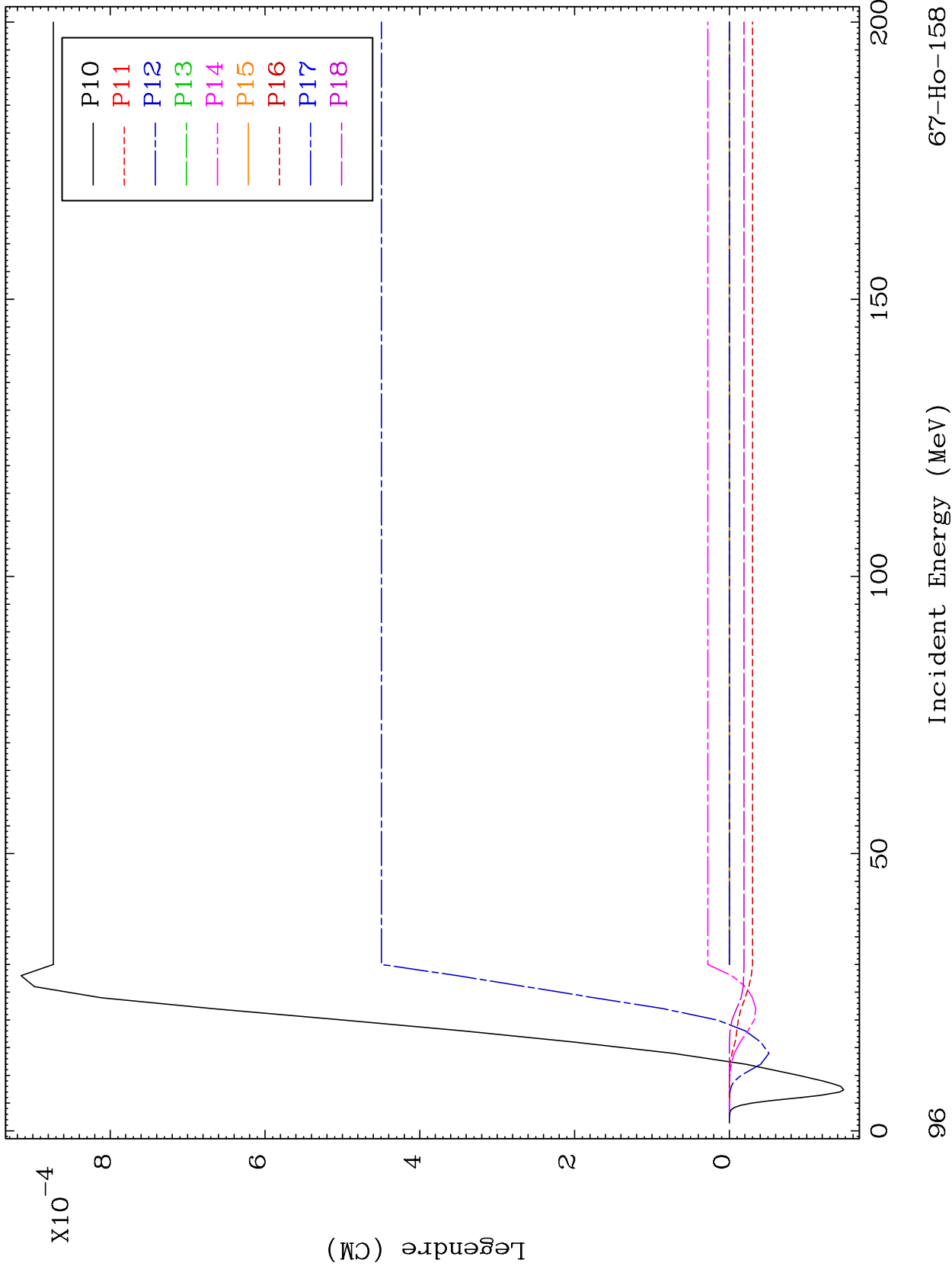
67-Ho-158

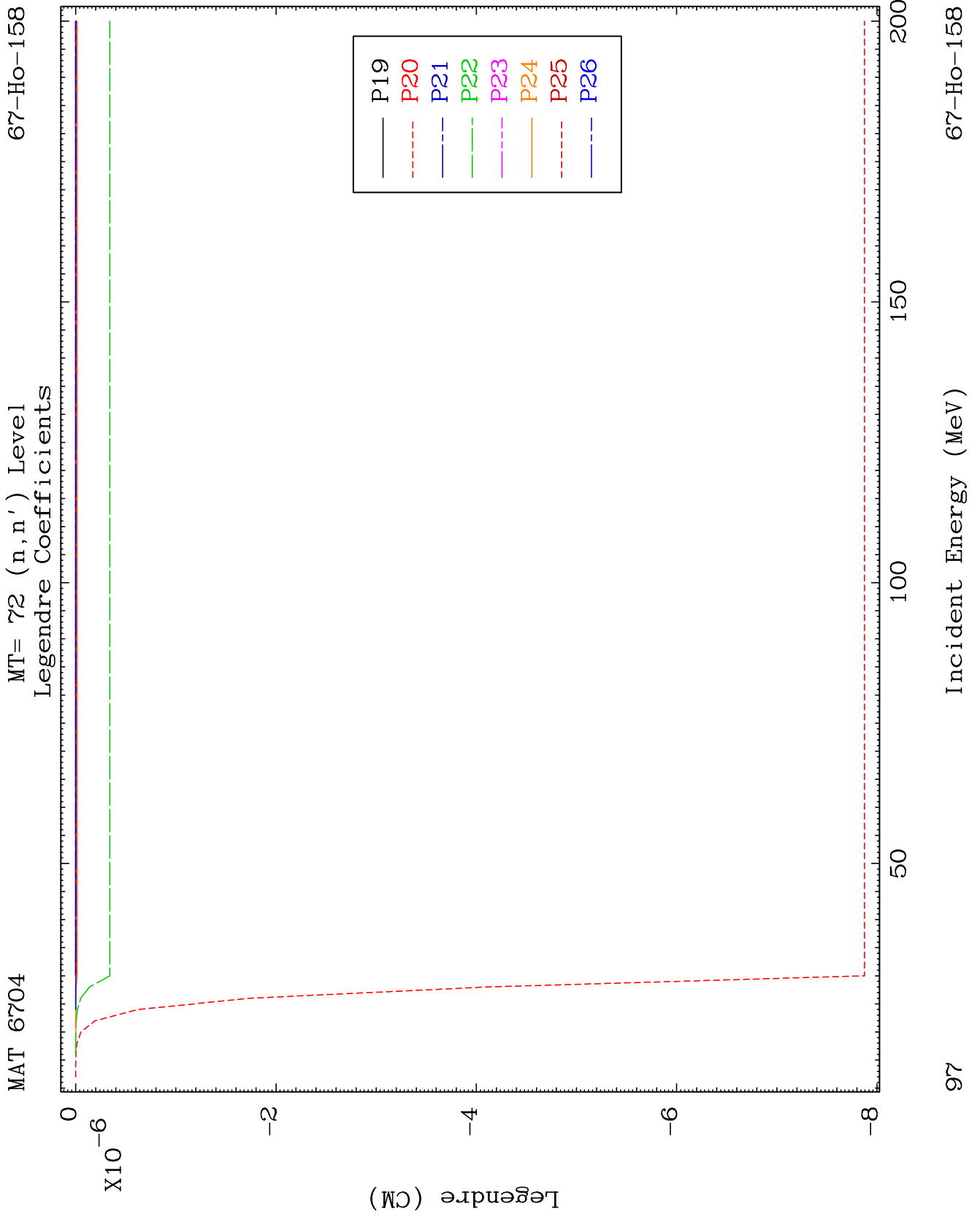


MAT 6704

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

67-Ho-158

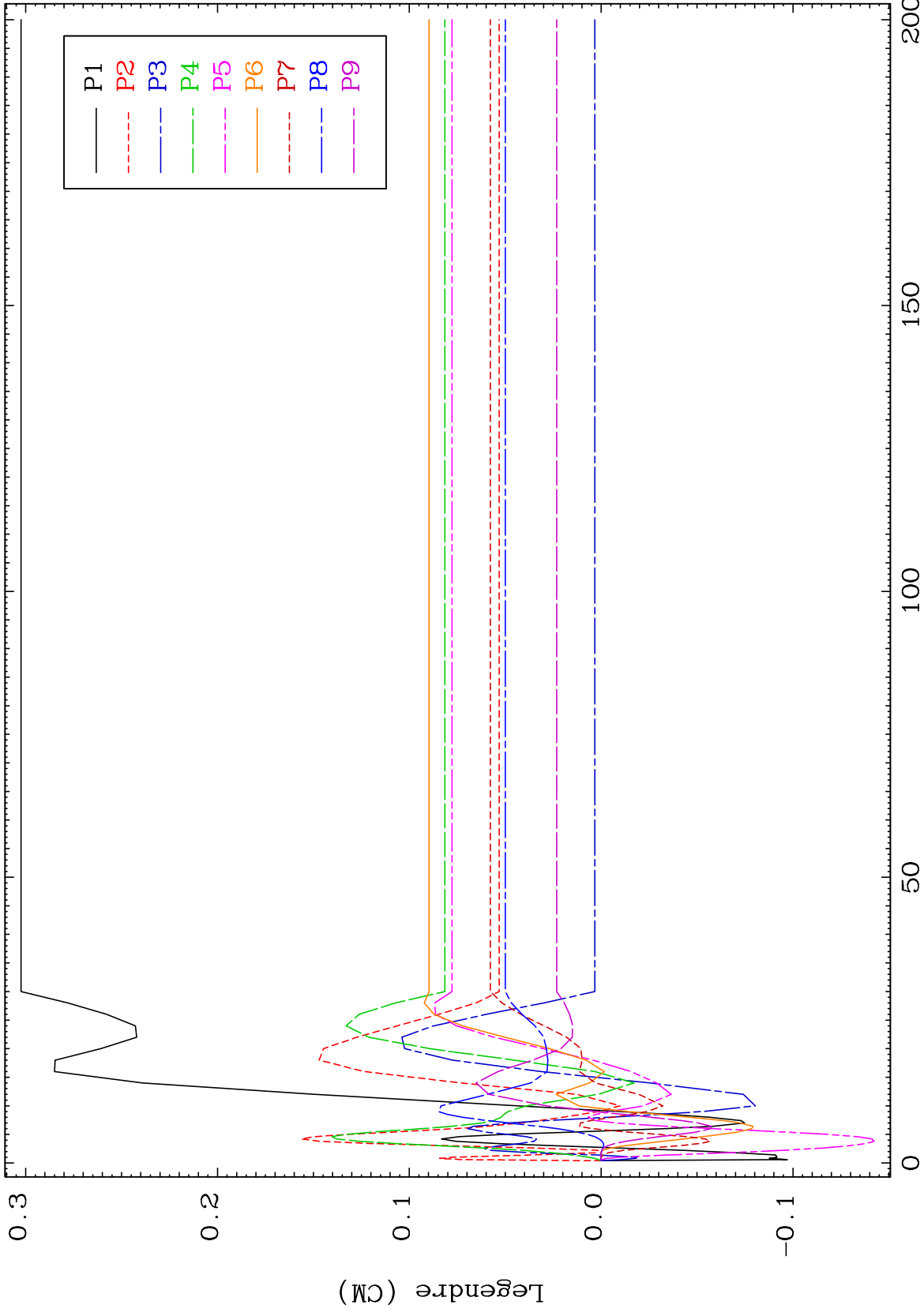




MAT 6704

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

67-Ho-158



98

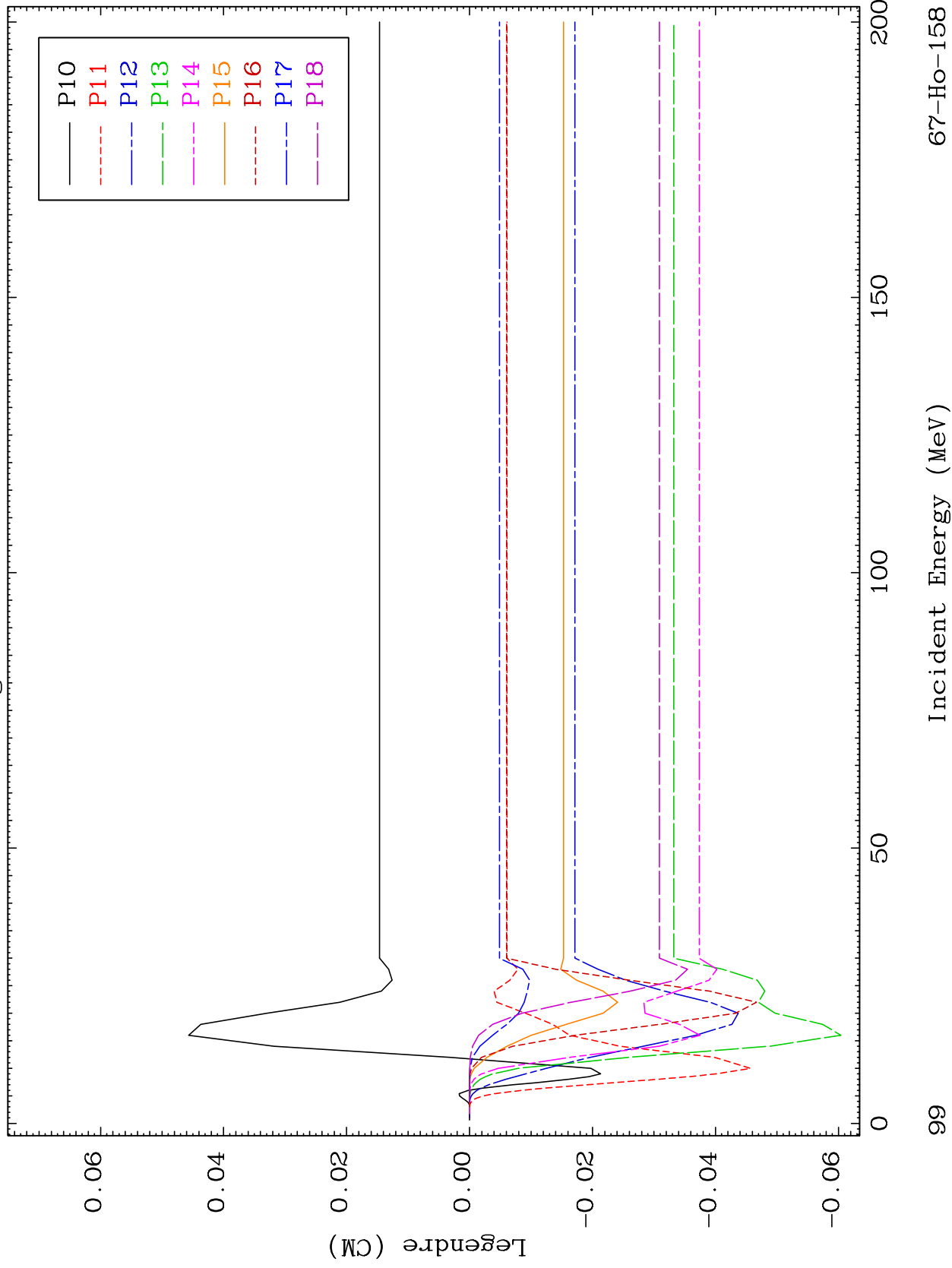
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



99

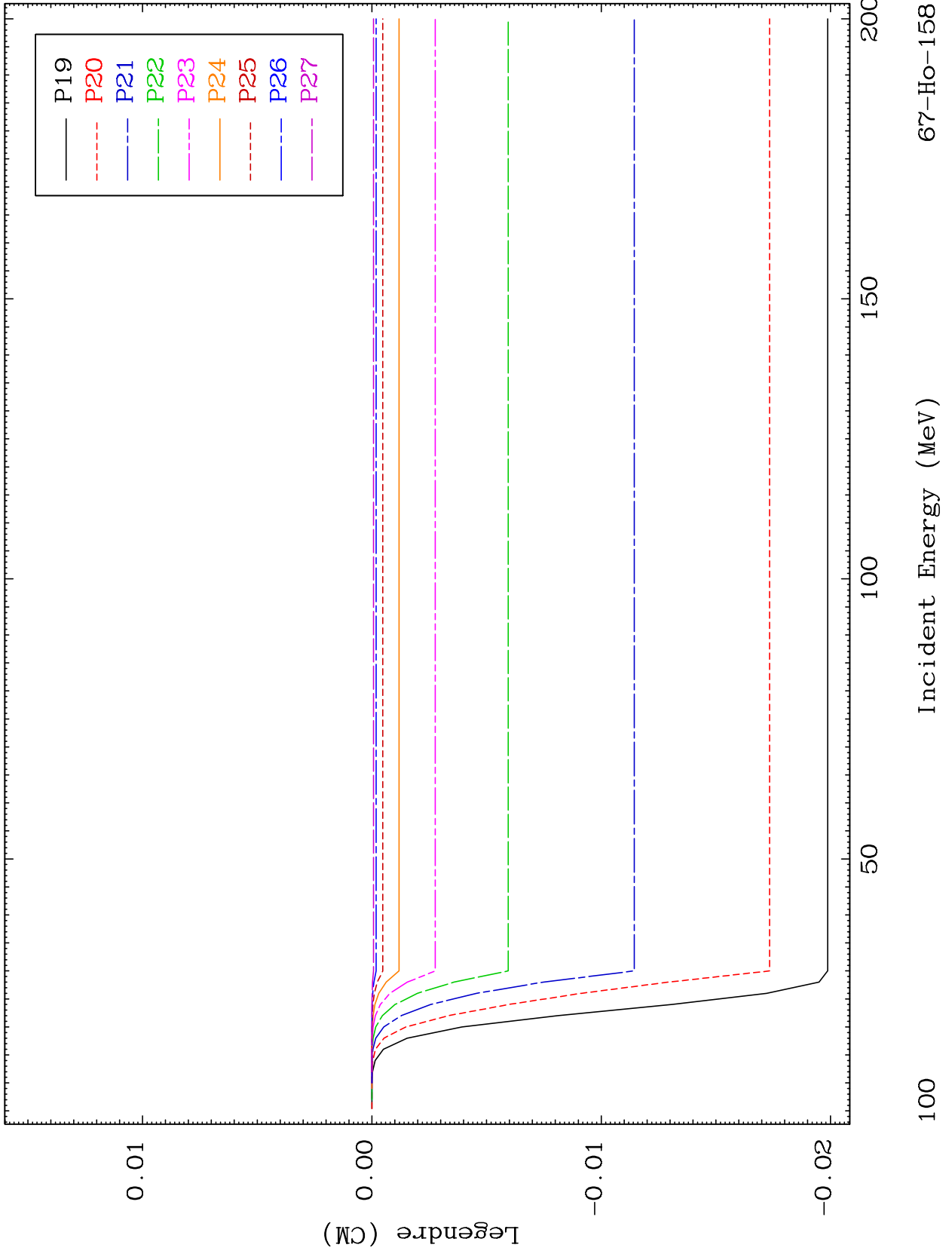
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



67-Ho-158

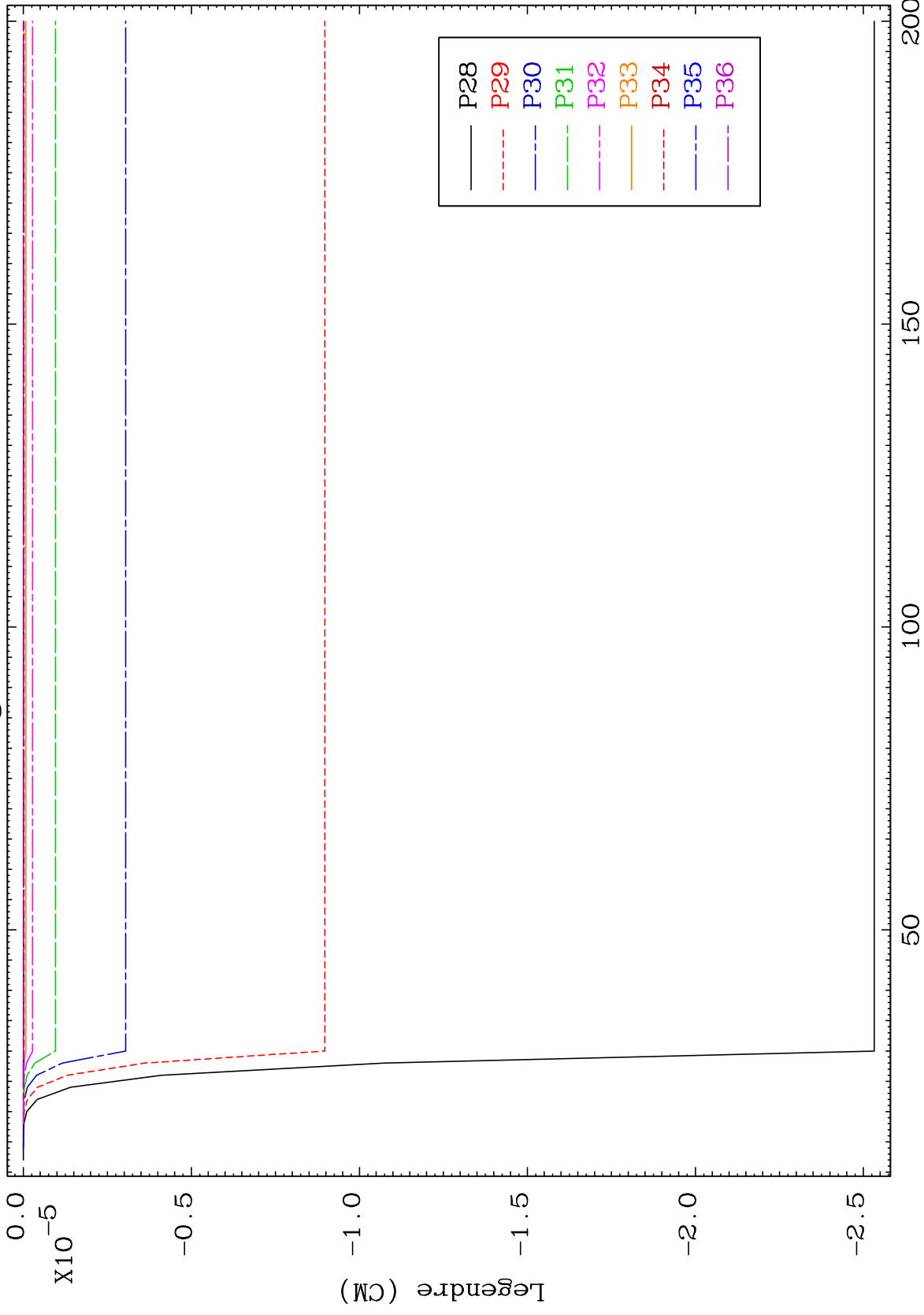
Incident Energy (MeV)

Legendre (CM)

MAT 6704

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

67-Ho-158



101

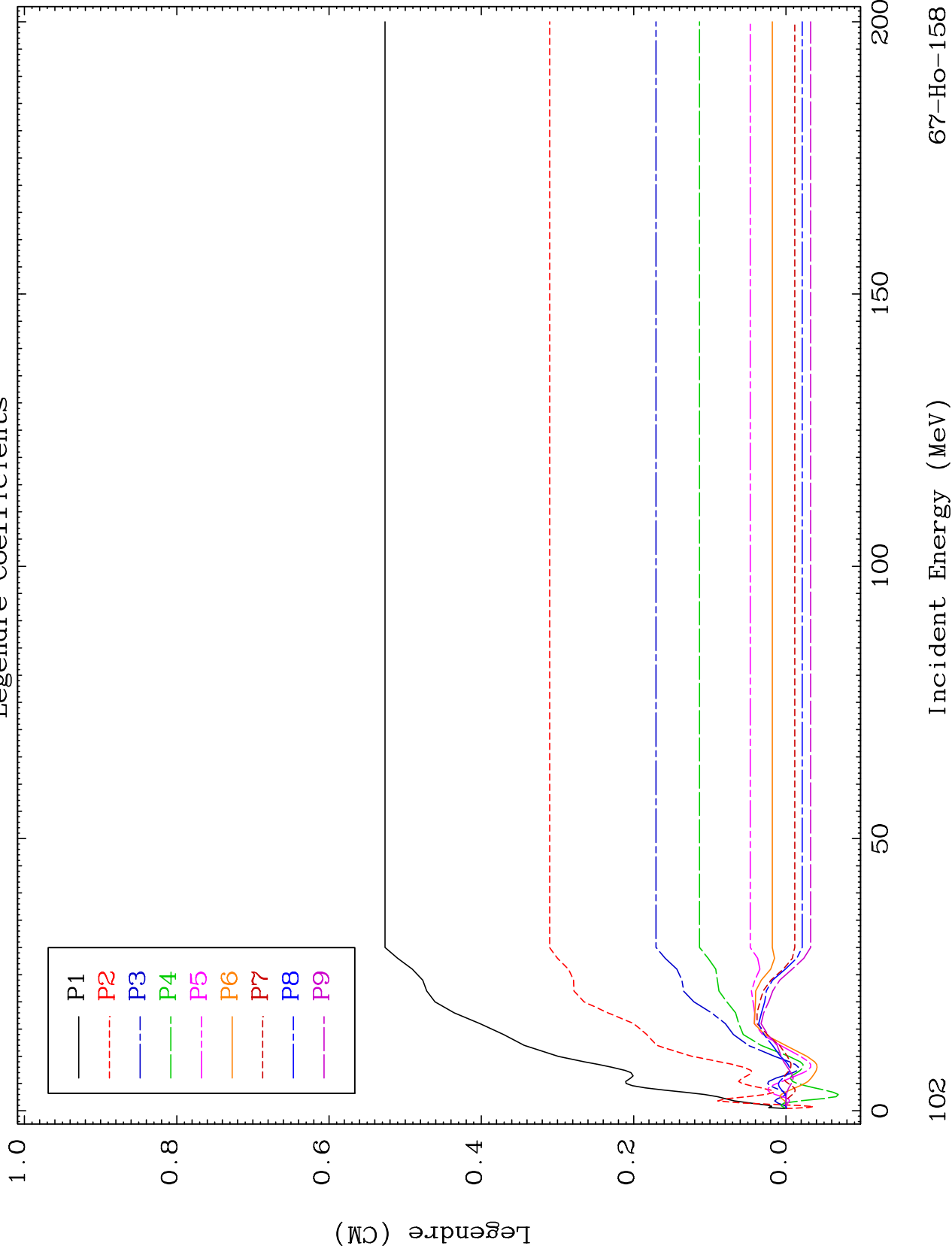
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



67-Ho-158

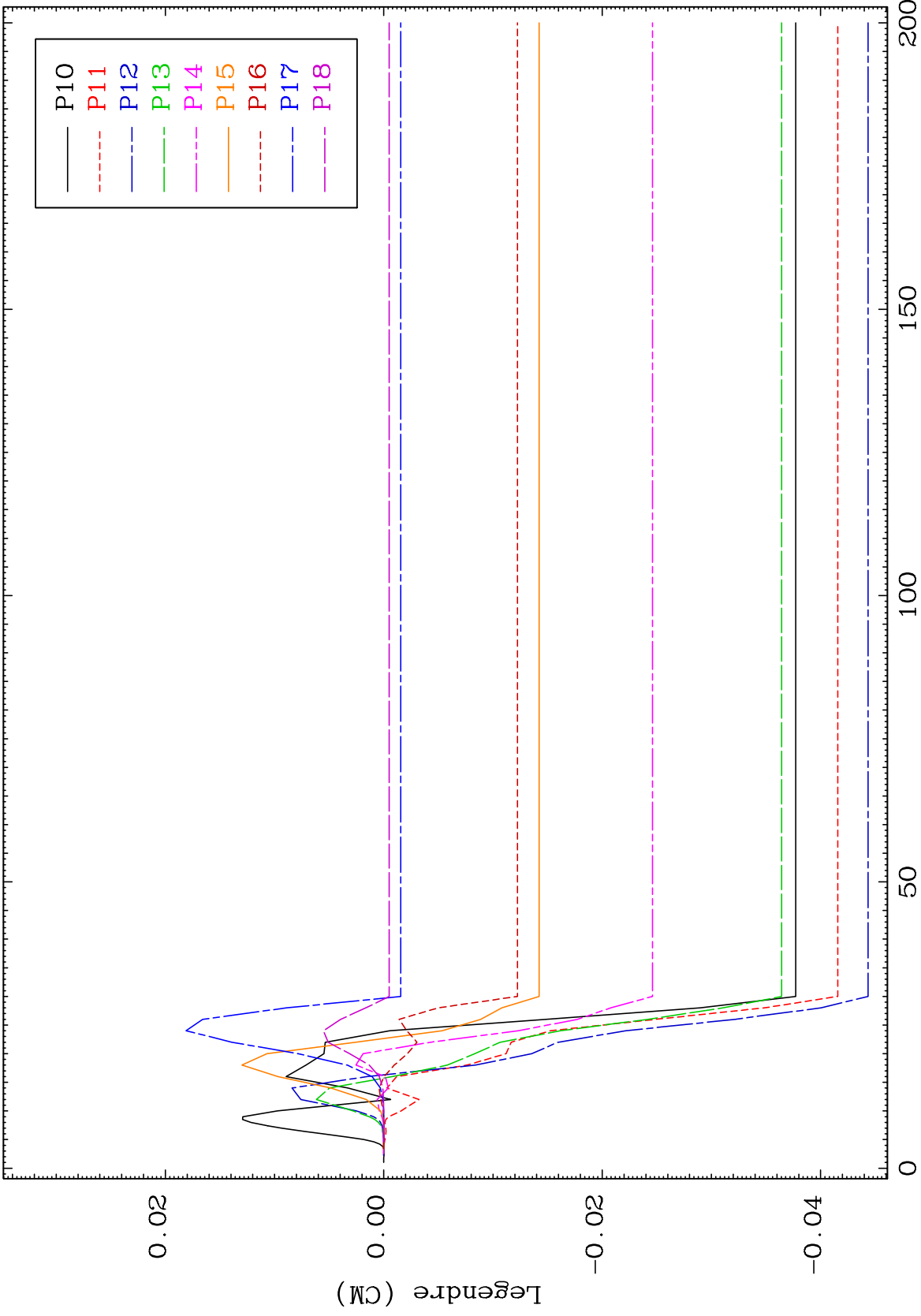
Incident Energy (MeV)

102

MAT 6704

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

67-Ho-158



103

Incident Energy (MeV)

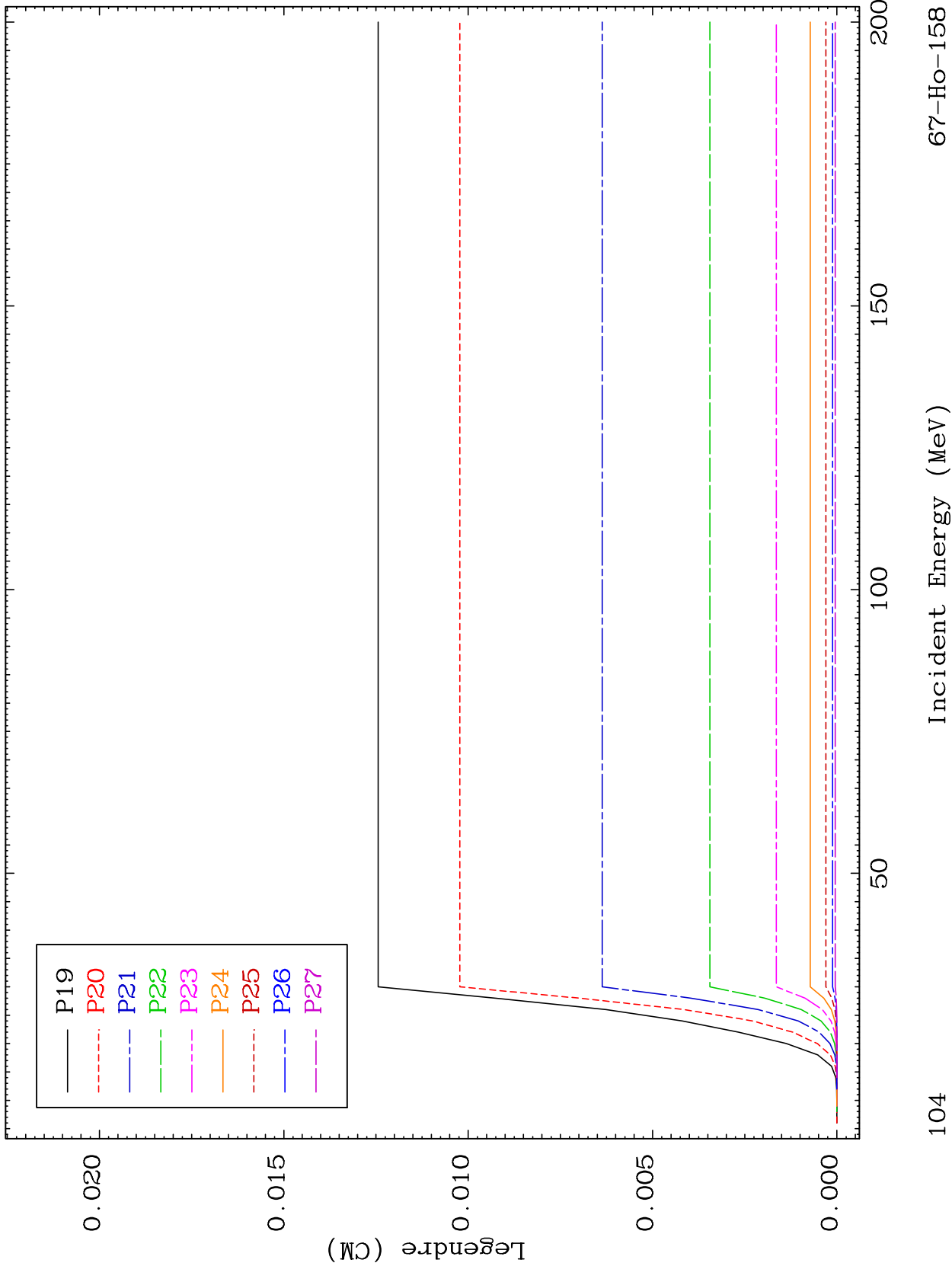
67-Ho-158



MAT 6704

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

67-Ho-158



104

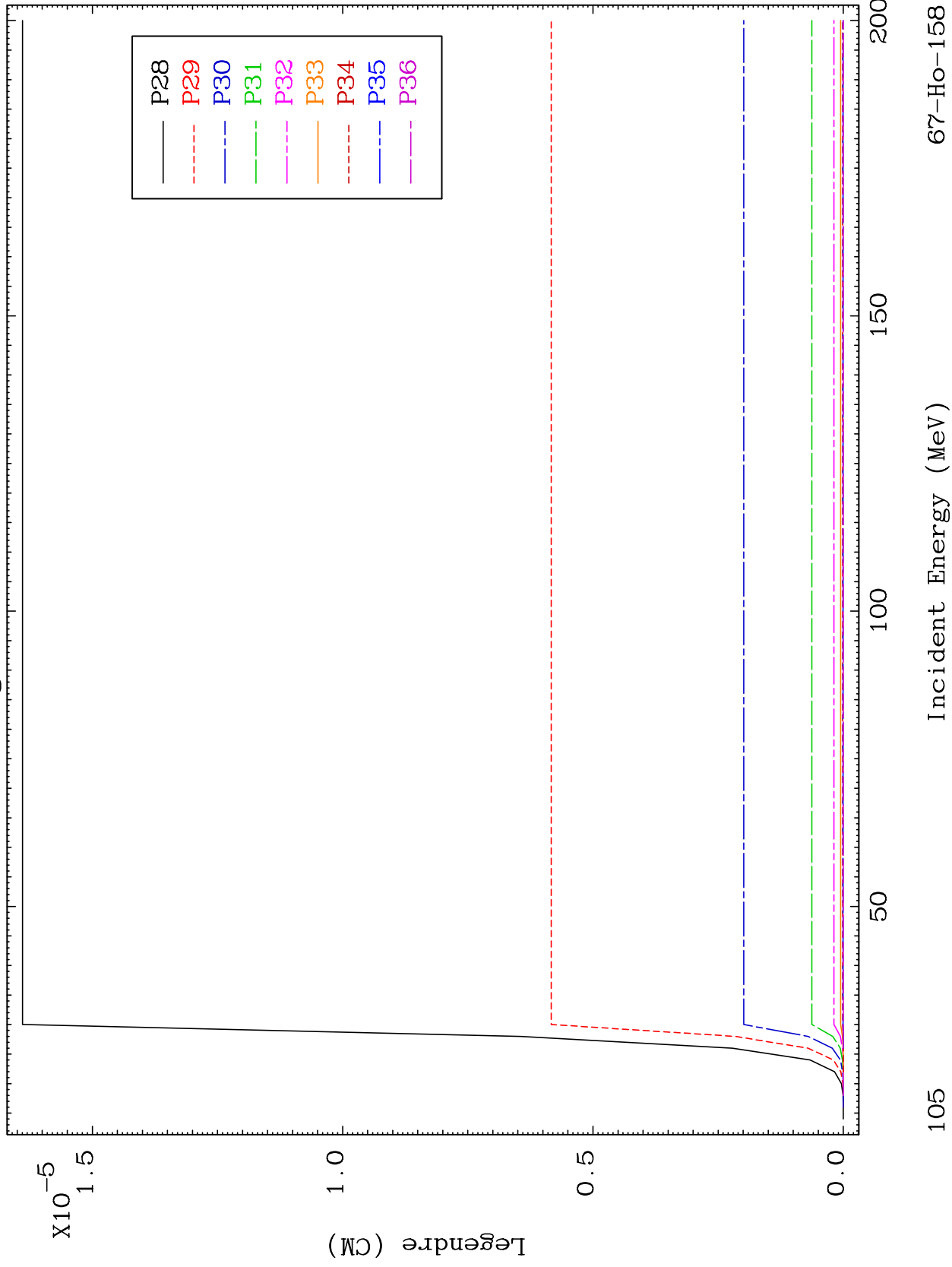
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158

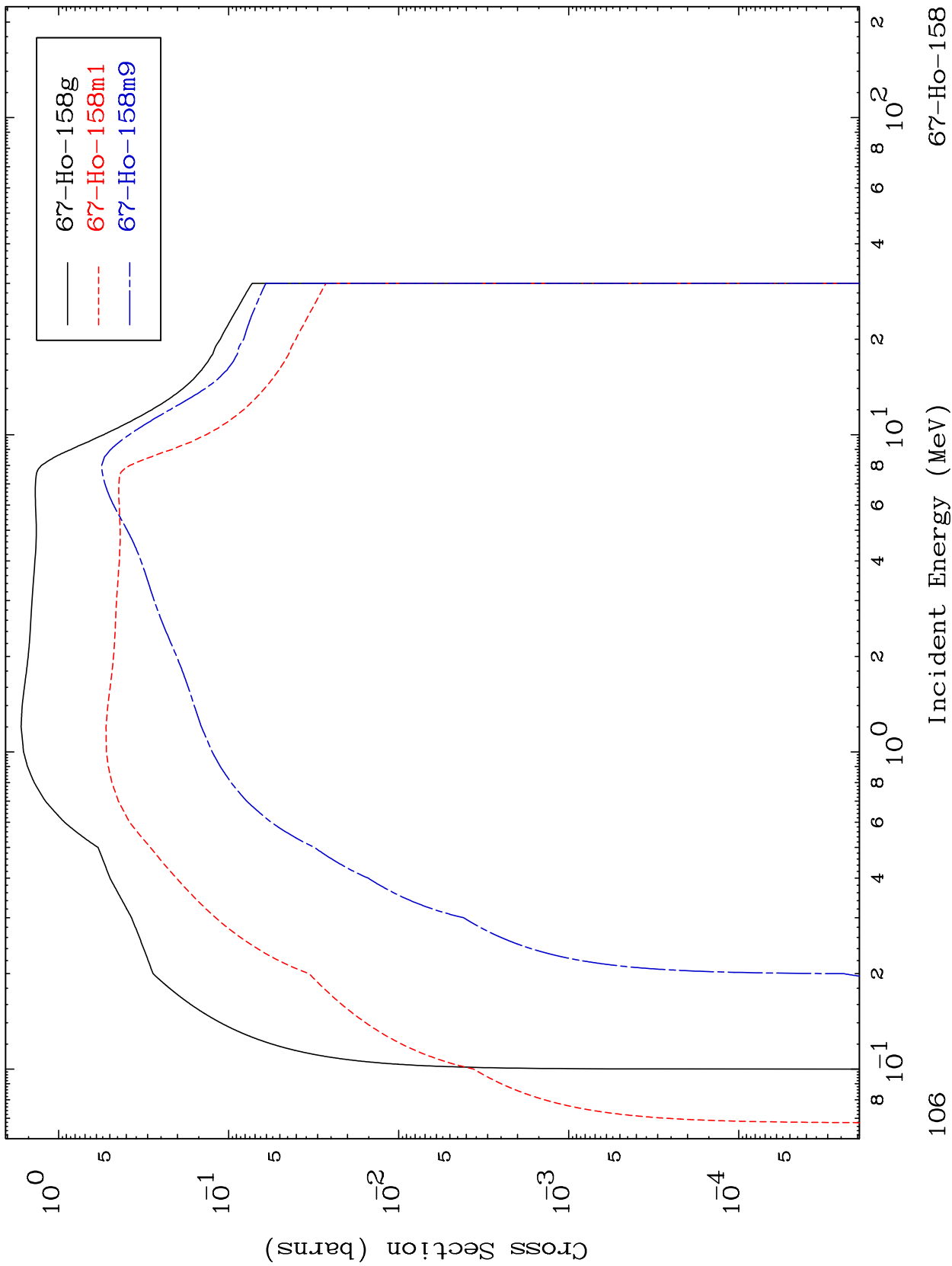


67-Ho-158

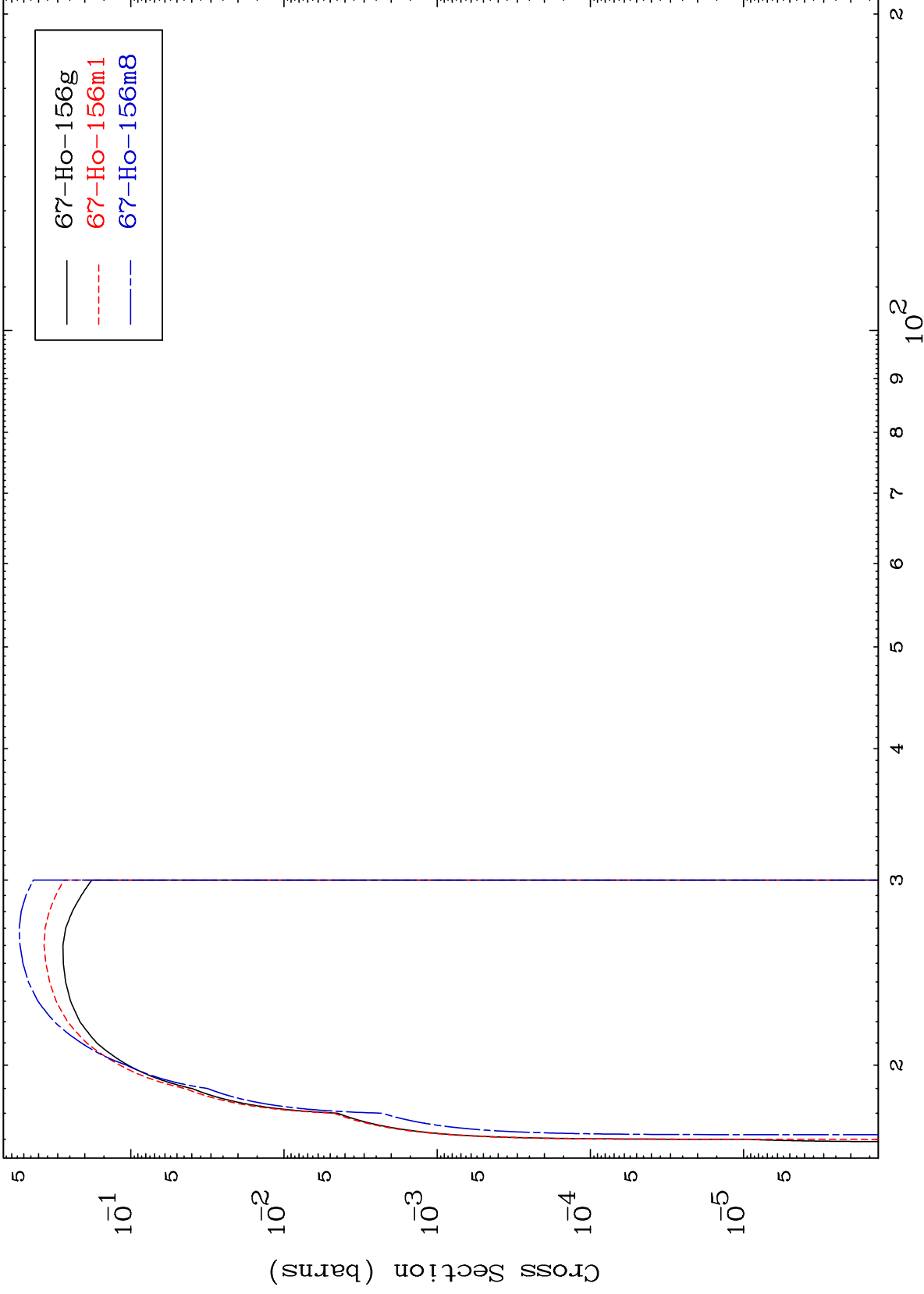
Incident Energy (MeV)

105

Inelastic  
Radionuclide Production Cross Section



(n,3n)  
Radionuclide Production Cross Section

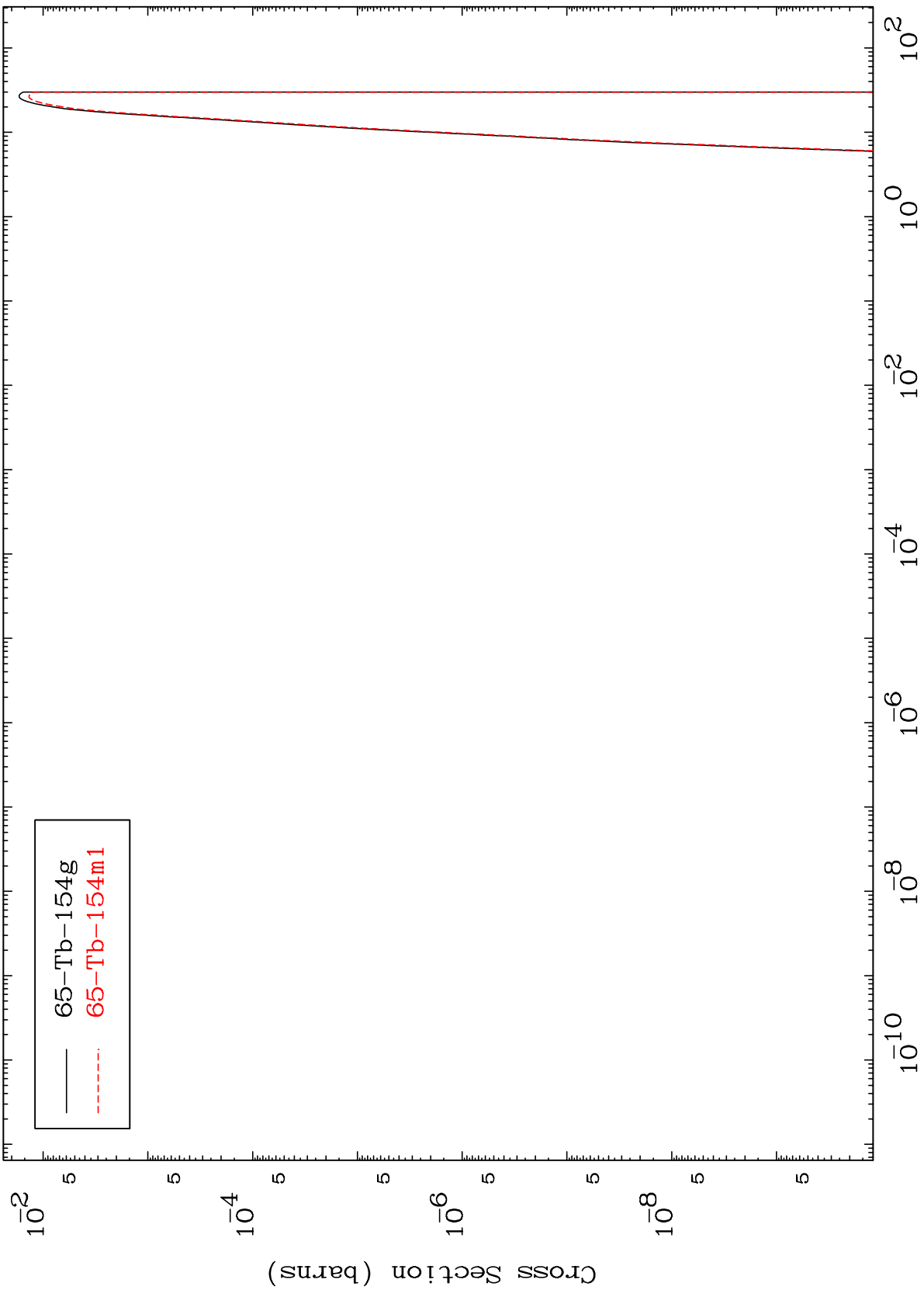


MAT 6704

$(n, n') \alpha$

67-Ho-158

Radionuclide Production Cross Section

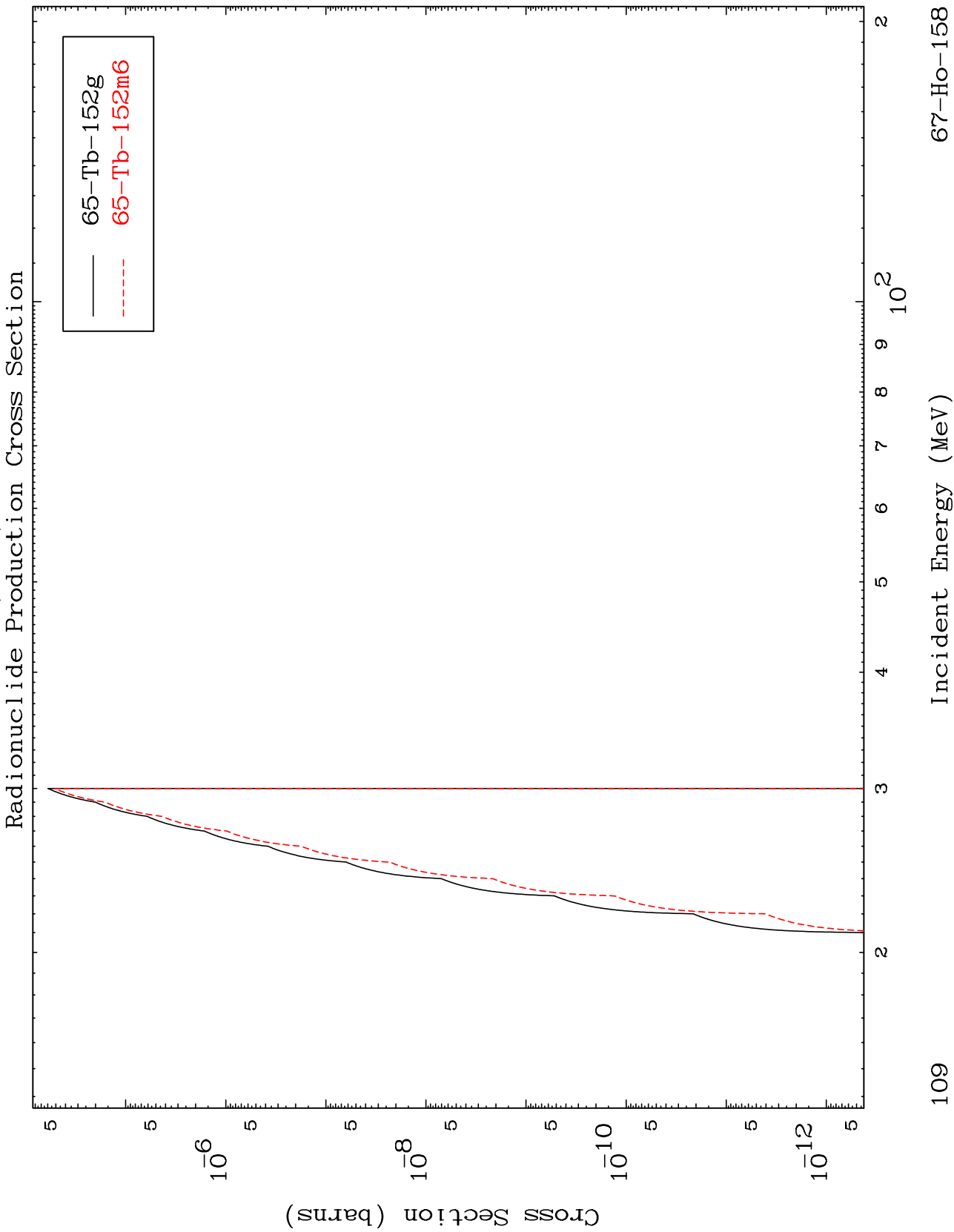


65-Tb-154g  
65-Tb-154m1

108

Incident Energy (MeV)

67-Ho-158

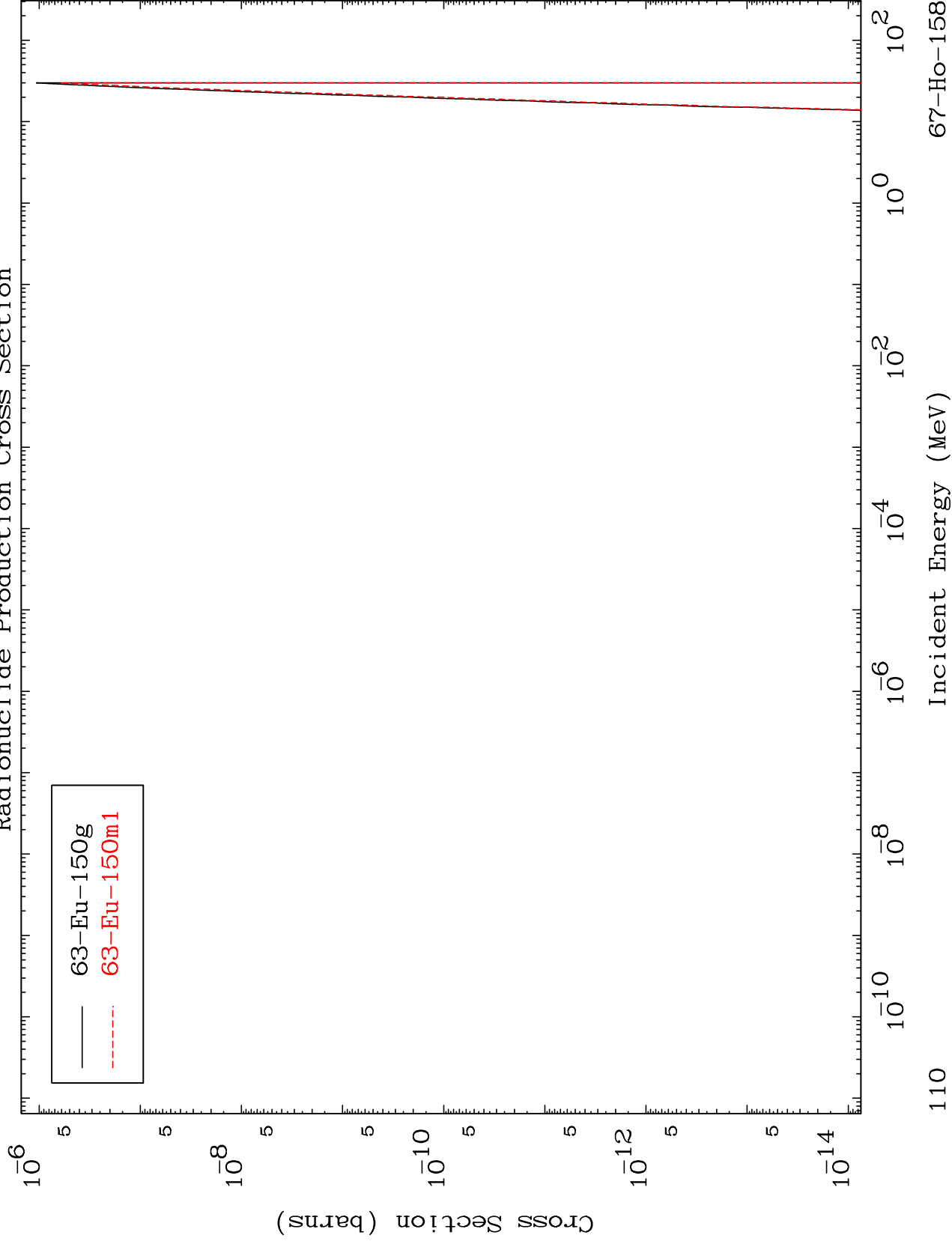


MAT 6704

(n,n') 2 $\alpha$

67-Ho-158

Radionuclide Production Cross Section



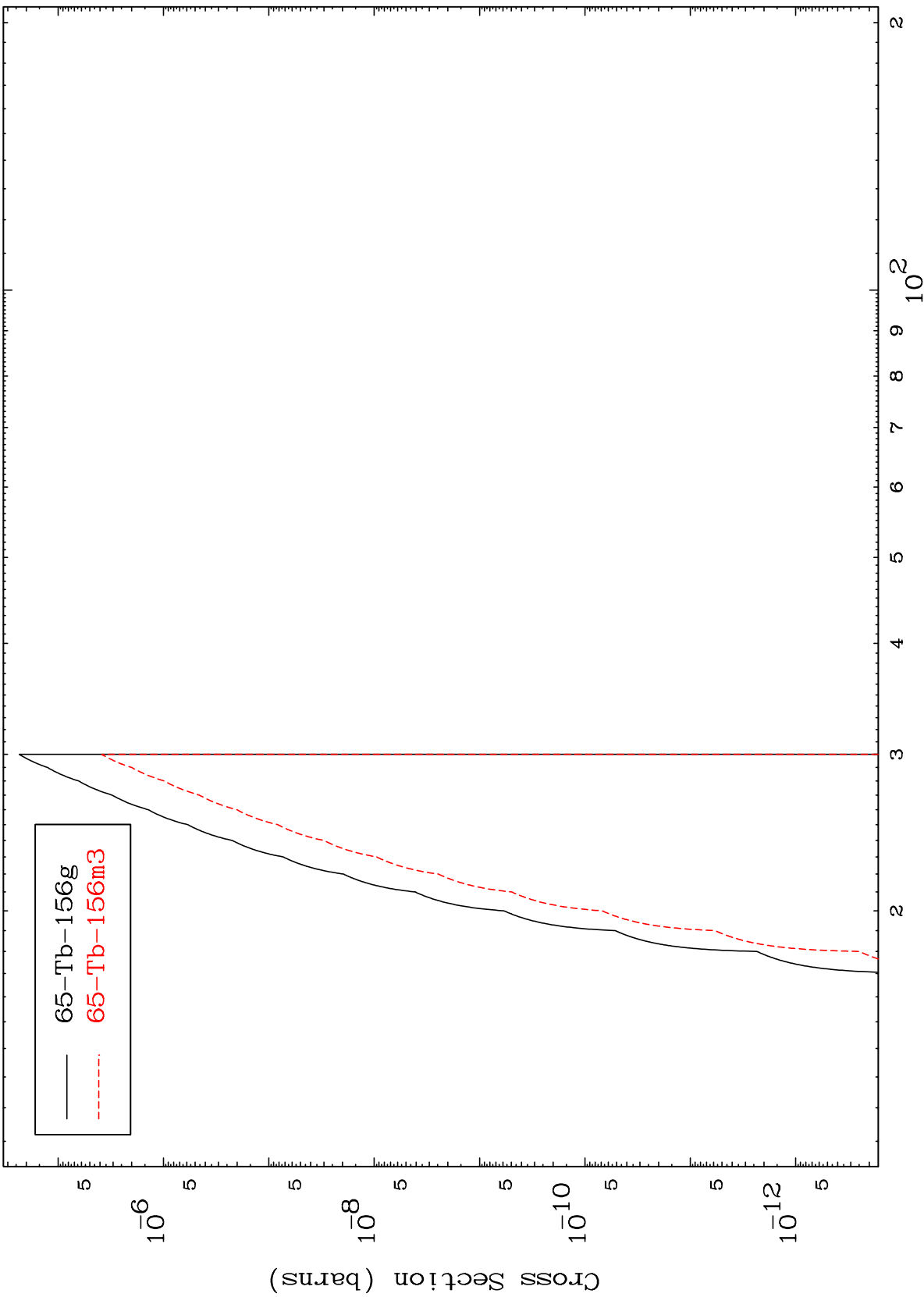
63-Eu-150g  
63-Eu-150m1

MAT 6704

(n,2n) p

67-Ho-158

Radionuclide Production Cross Section



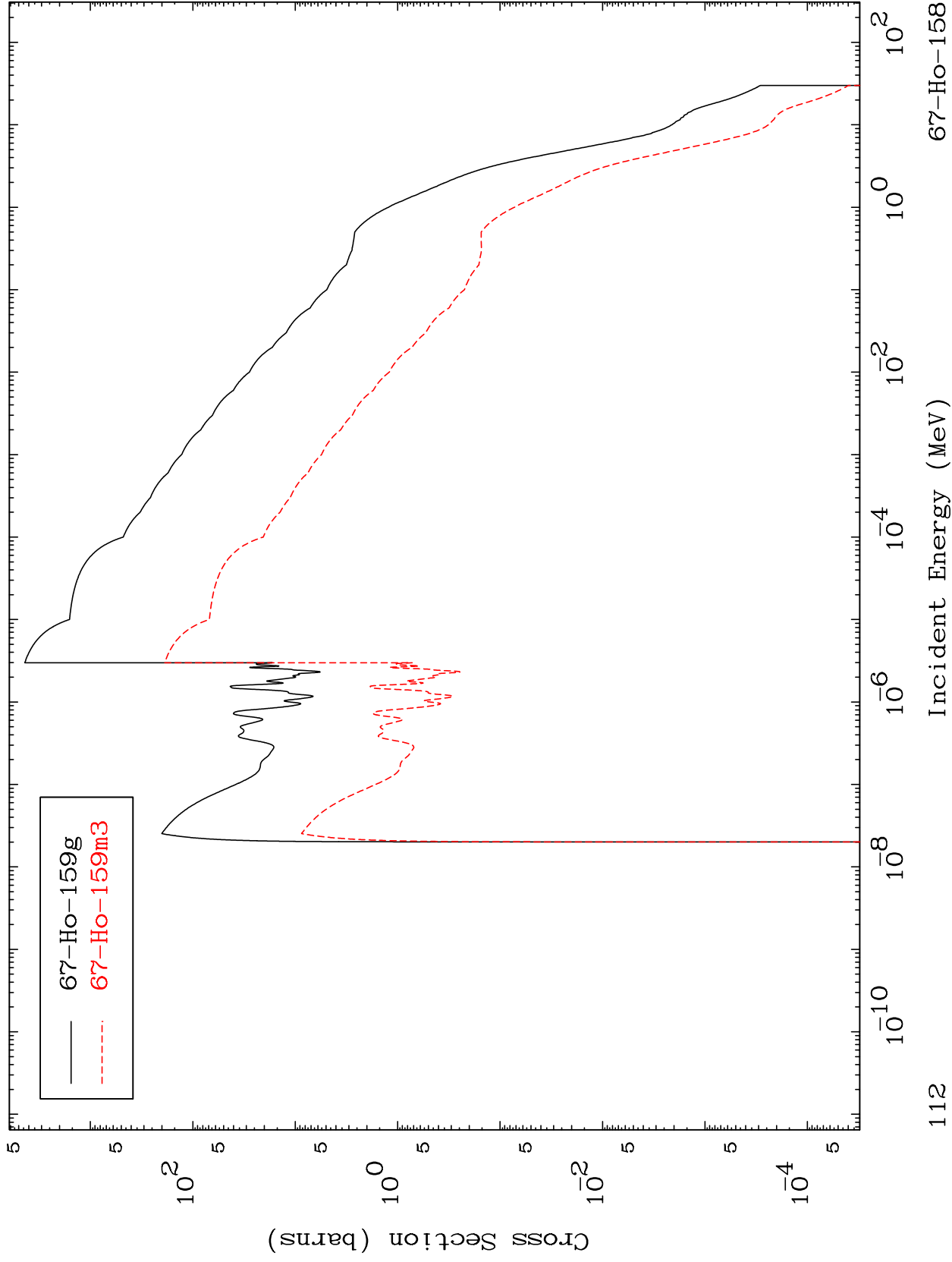
65-Tb-156g  
65-Tb-156m3



MAT 6704

<sup>67</sup>Ho-158

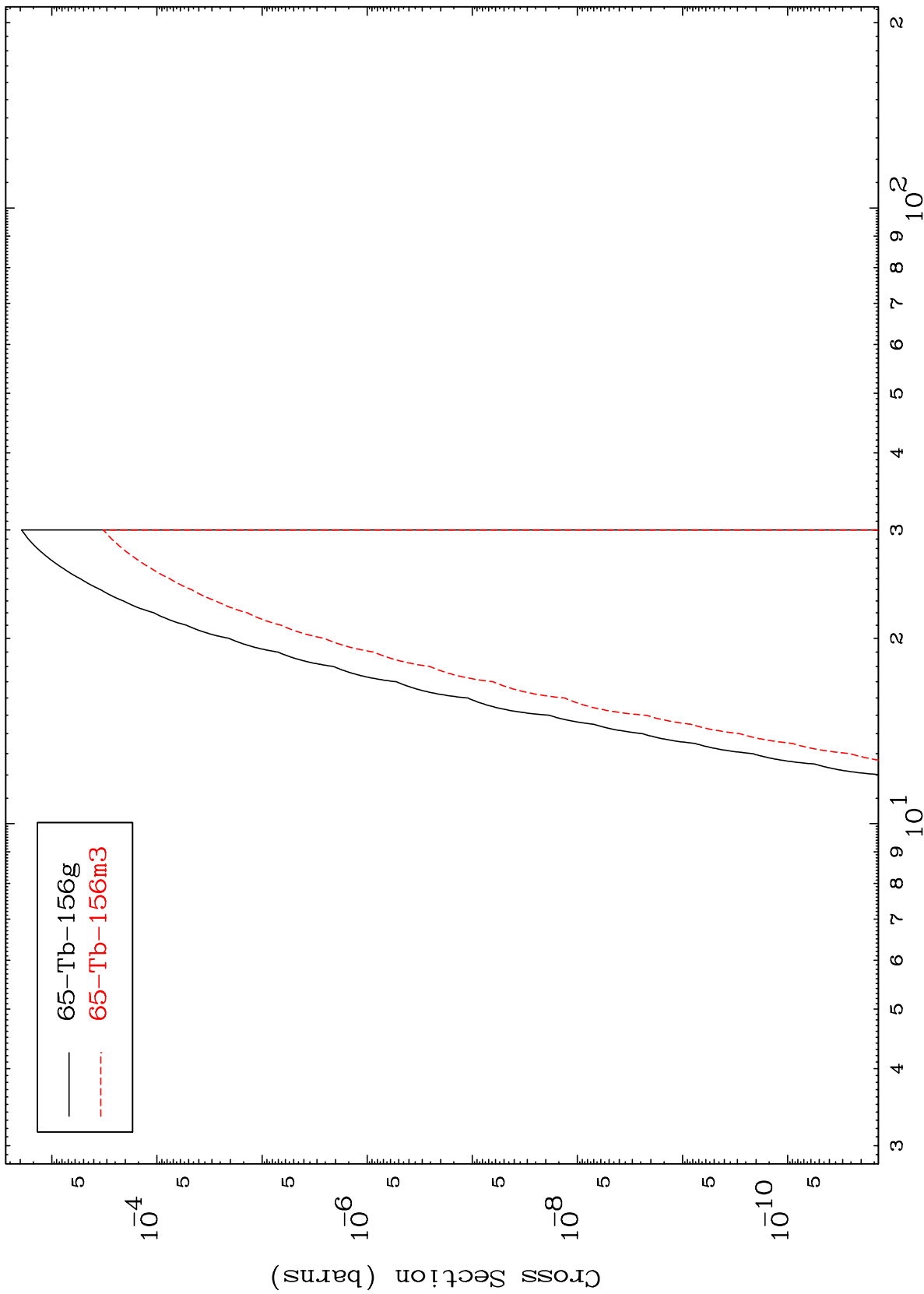
(n,γ)  
Radionuclide Production Cross Section



MAT 6704

67-Ho-158

Radionuclide Production Cross Section  
(n,He-3)



113

Incident Energy (MeV)

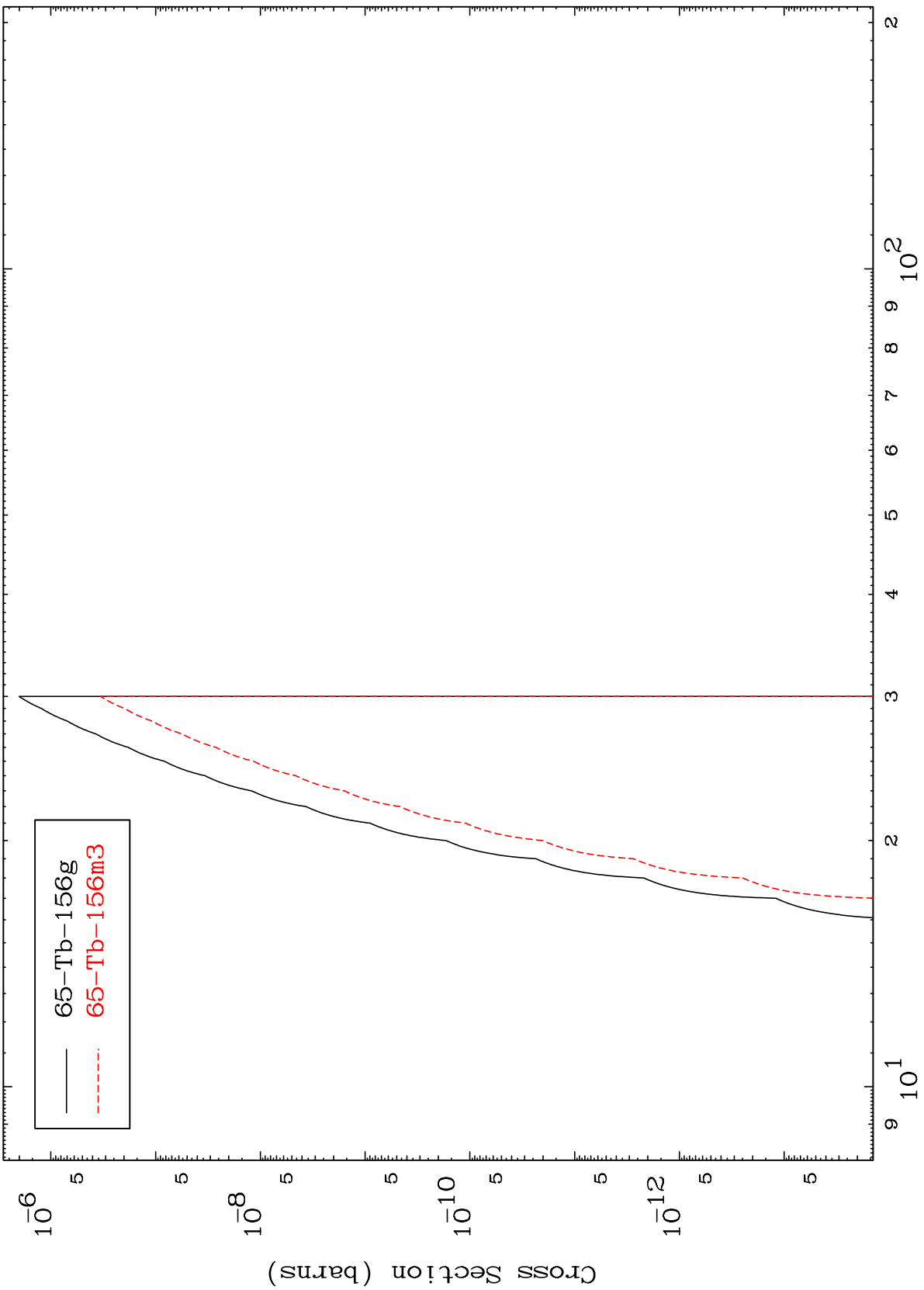
67-Ho-158

MAT 6704

(n,p) d

67-Ho-158

Radionuclide Production Cross Section



65-Tb-156g  
65-Tb-156m3

114

Incident Energy (MeV)

67-Ho-158