

Program EVALPLOT  
(Version 2021-1)

by

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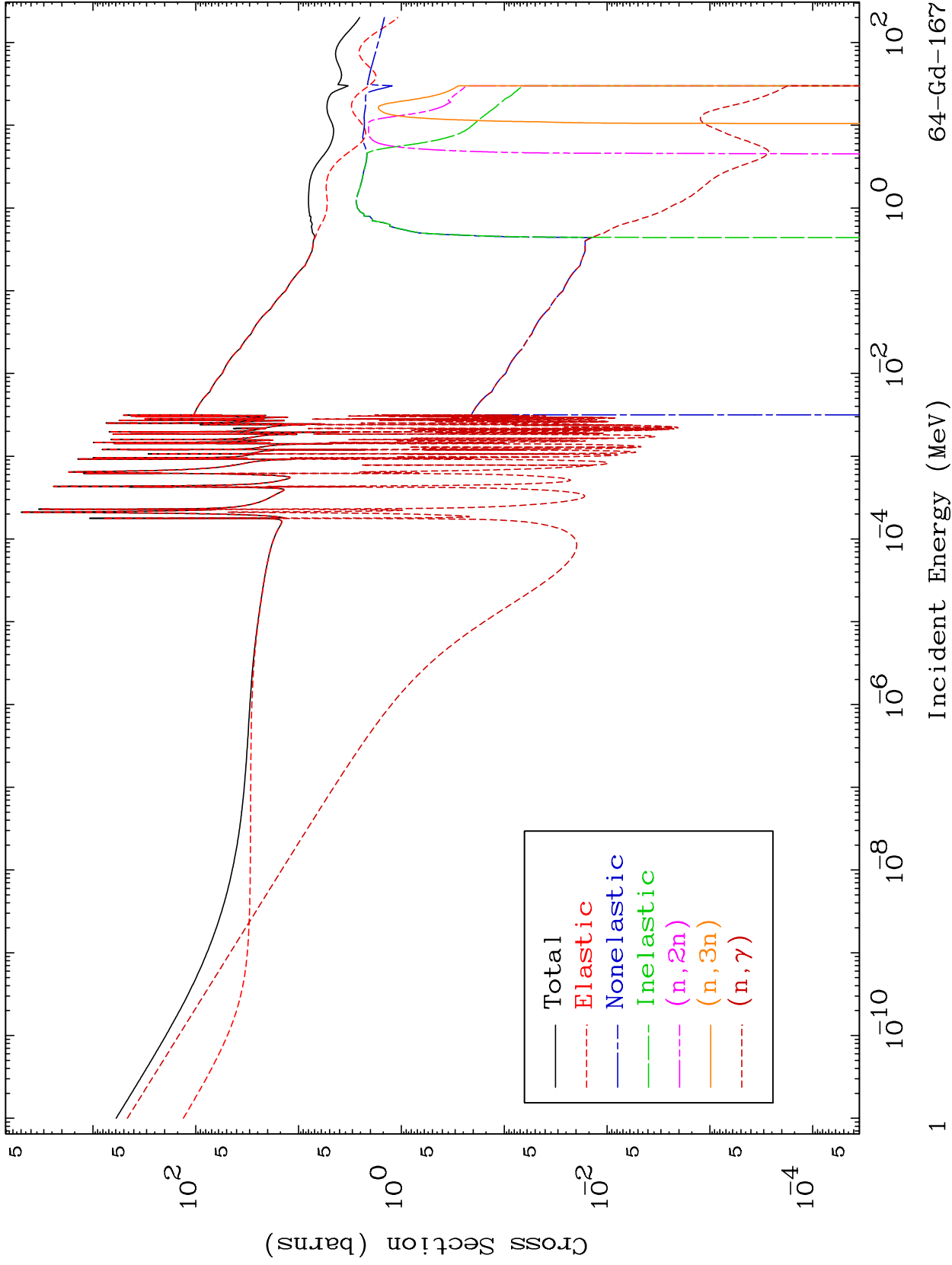
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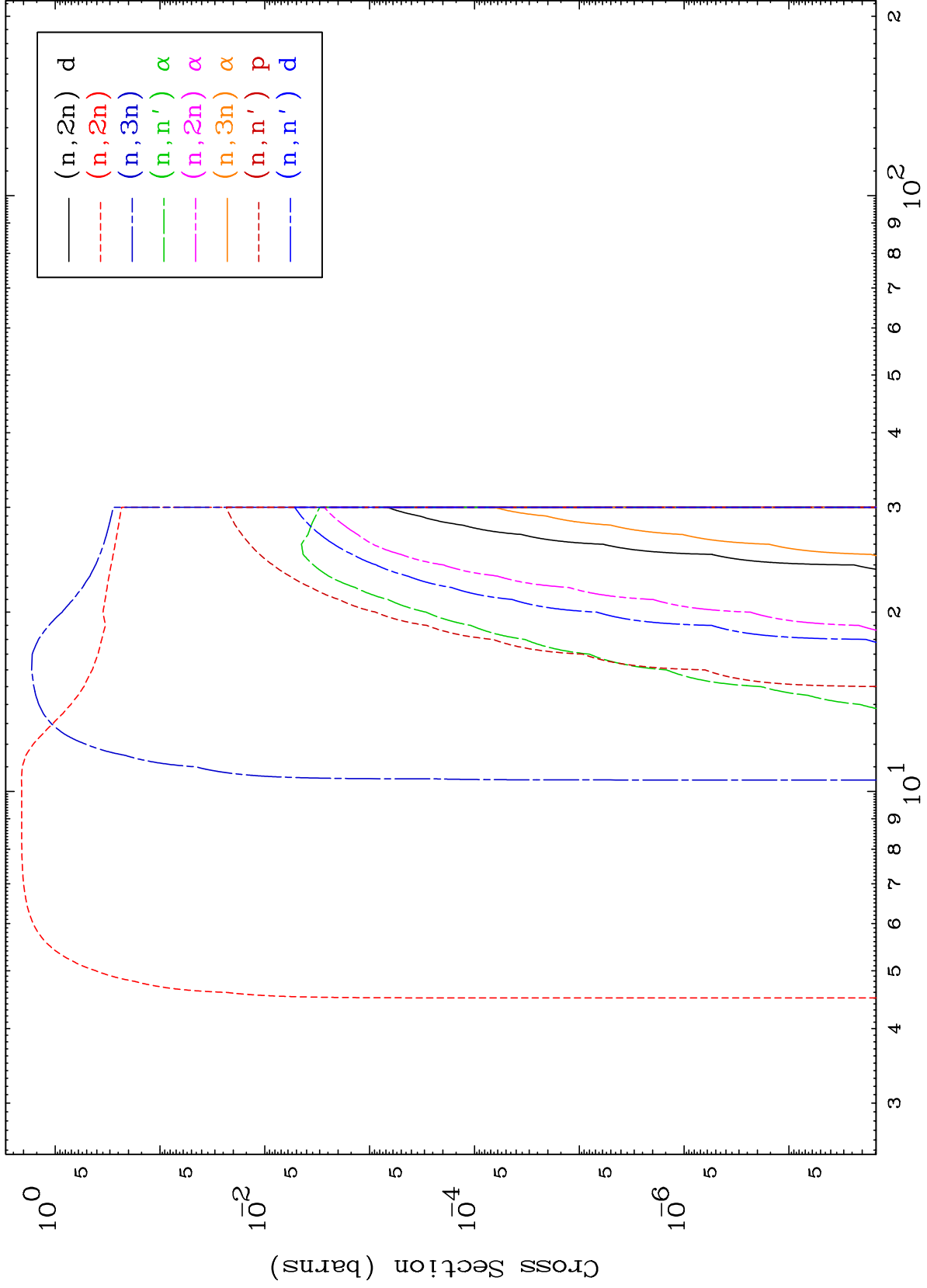
Press Mouse Button to Start

MAT 6470

Neutron Major  
293 Kelvin Cross Sections

64-Gd-167

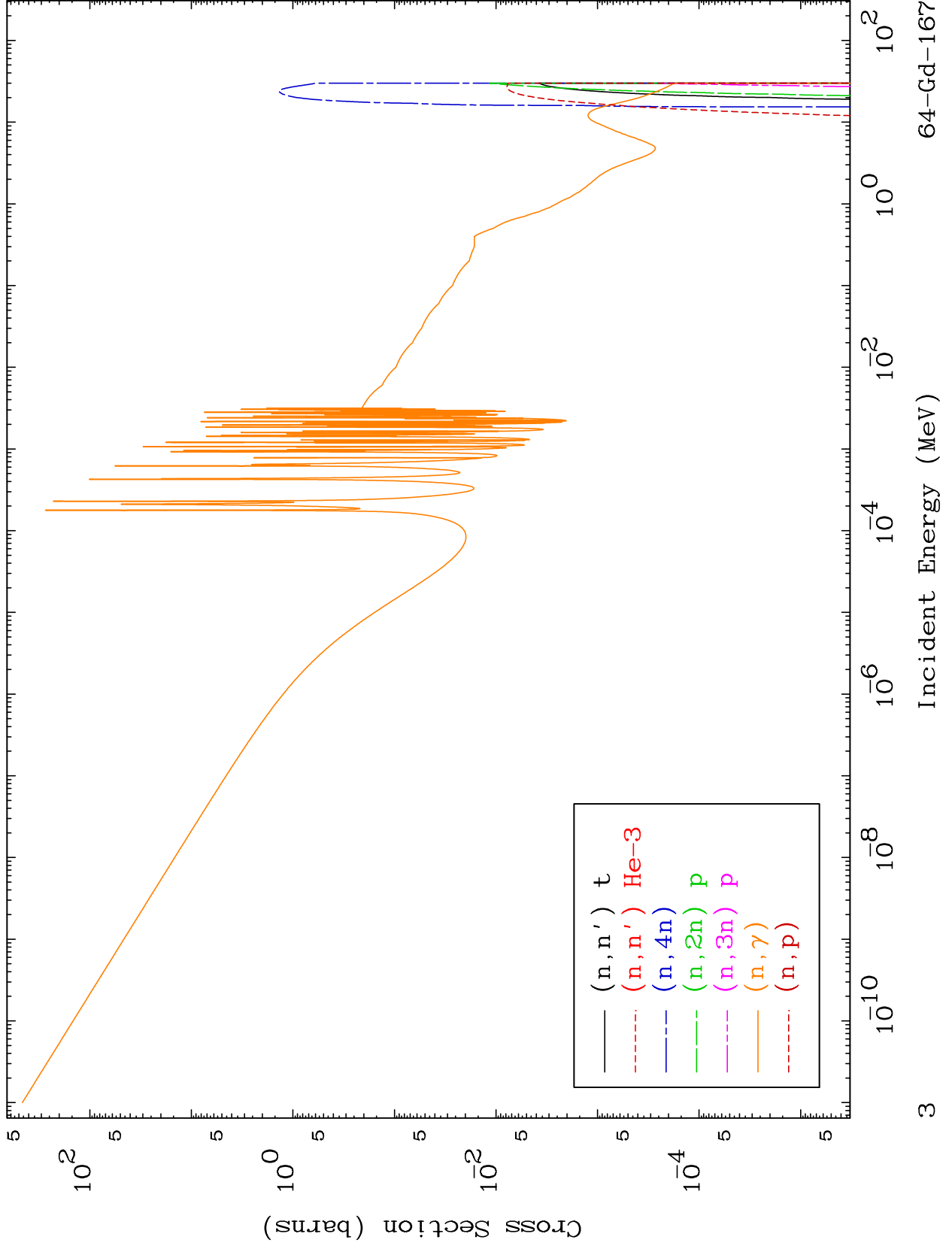




MAT 6470

Neutron Absorption  
293 Kelvin Cross Sections

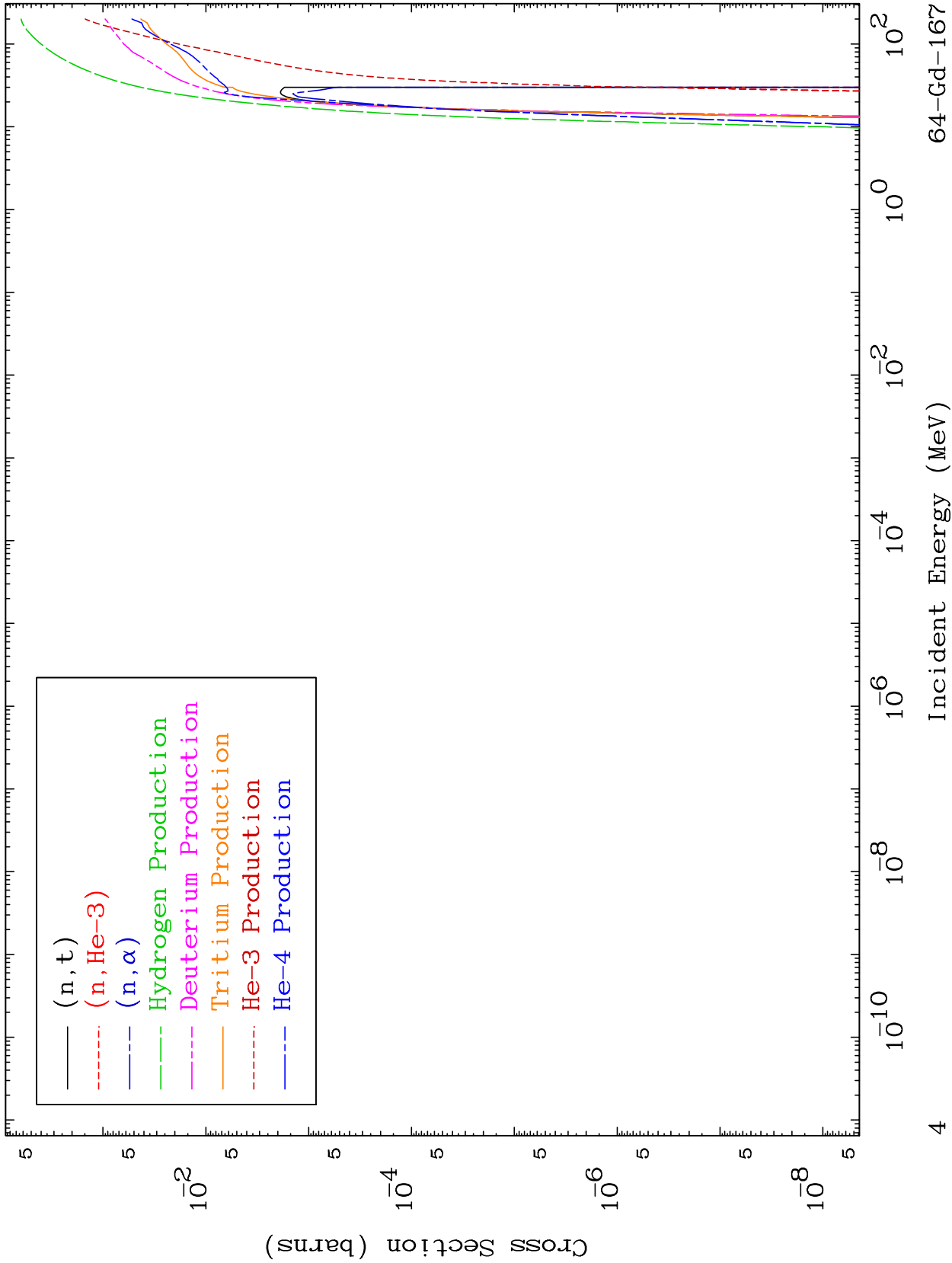
64-Gd-167

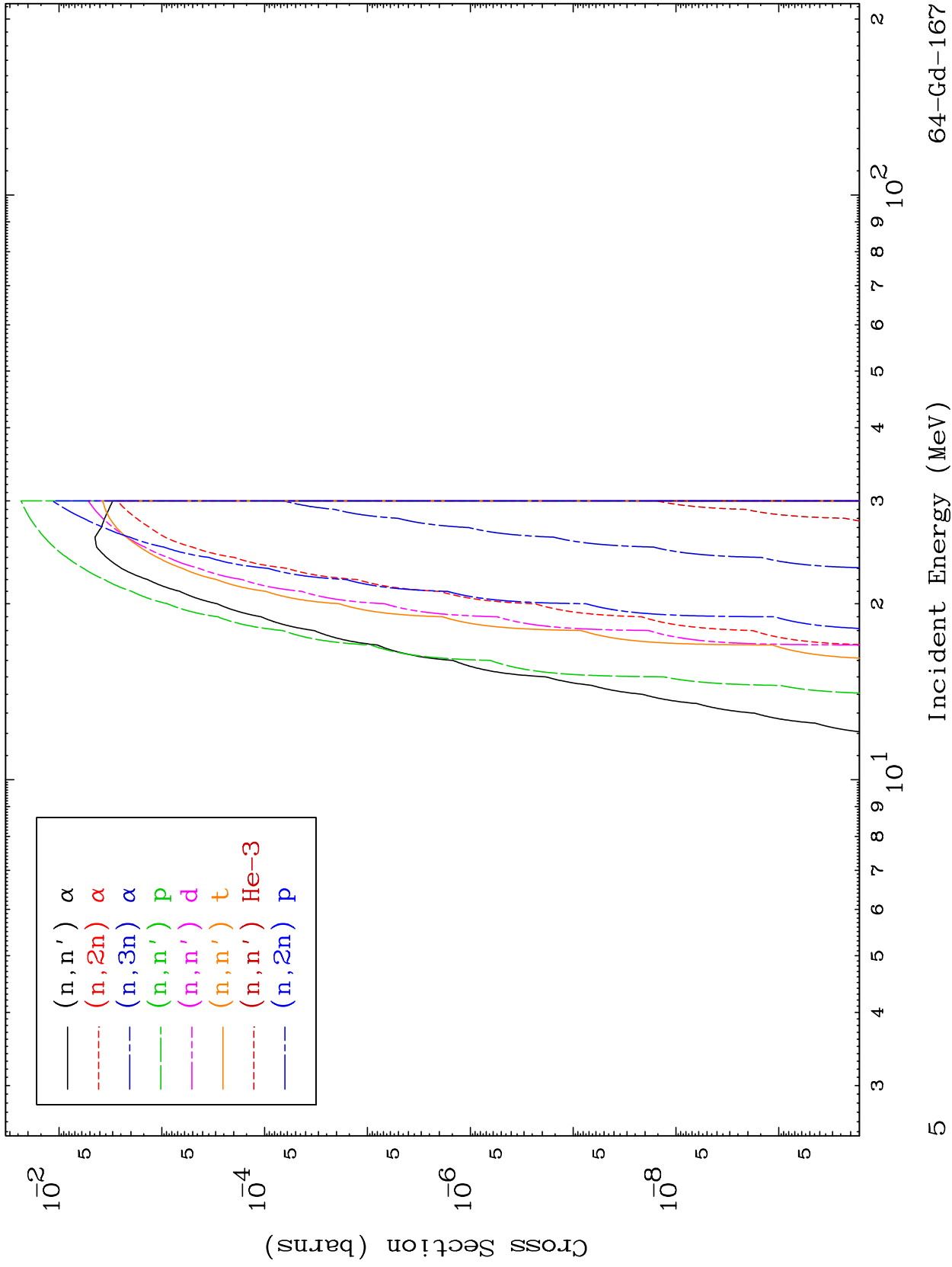


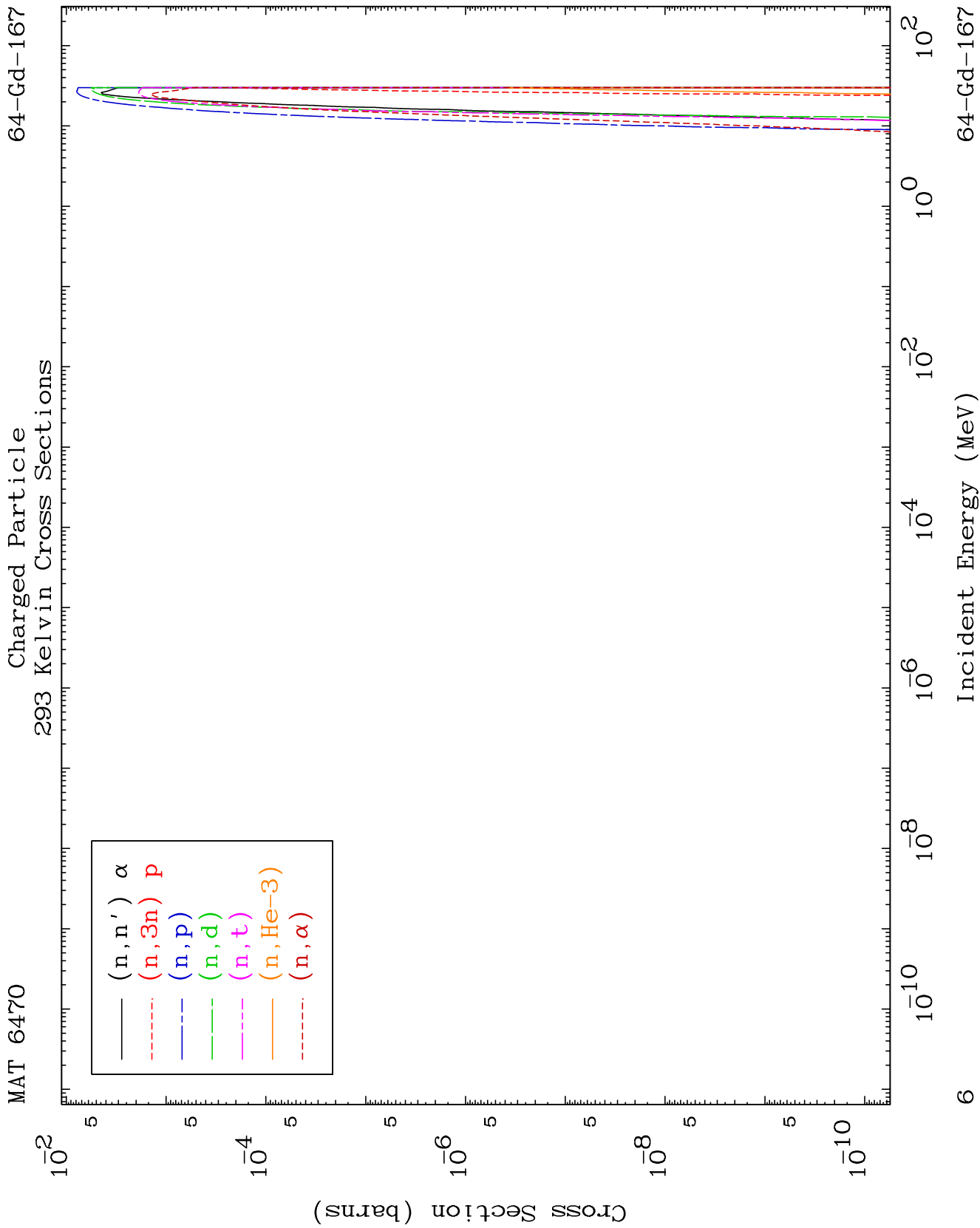
MAT 6470

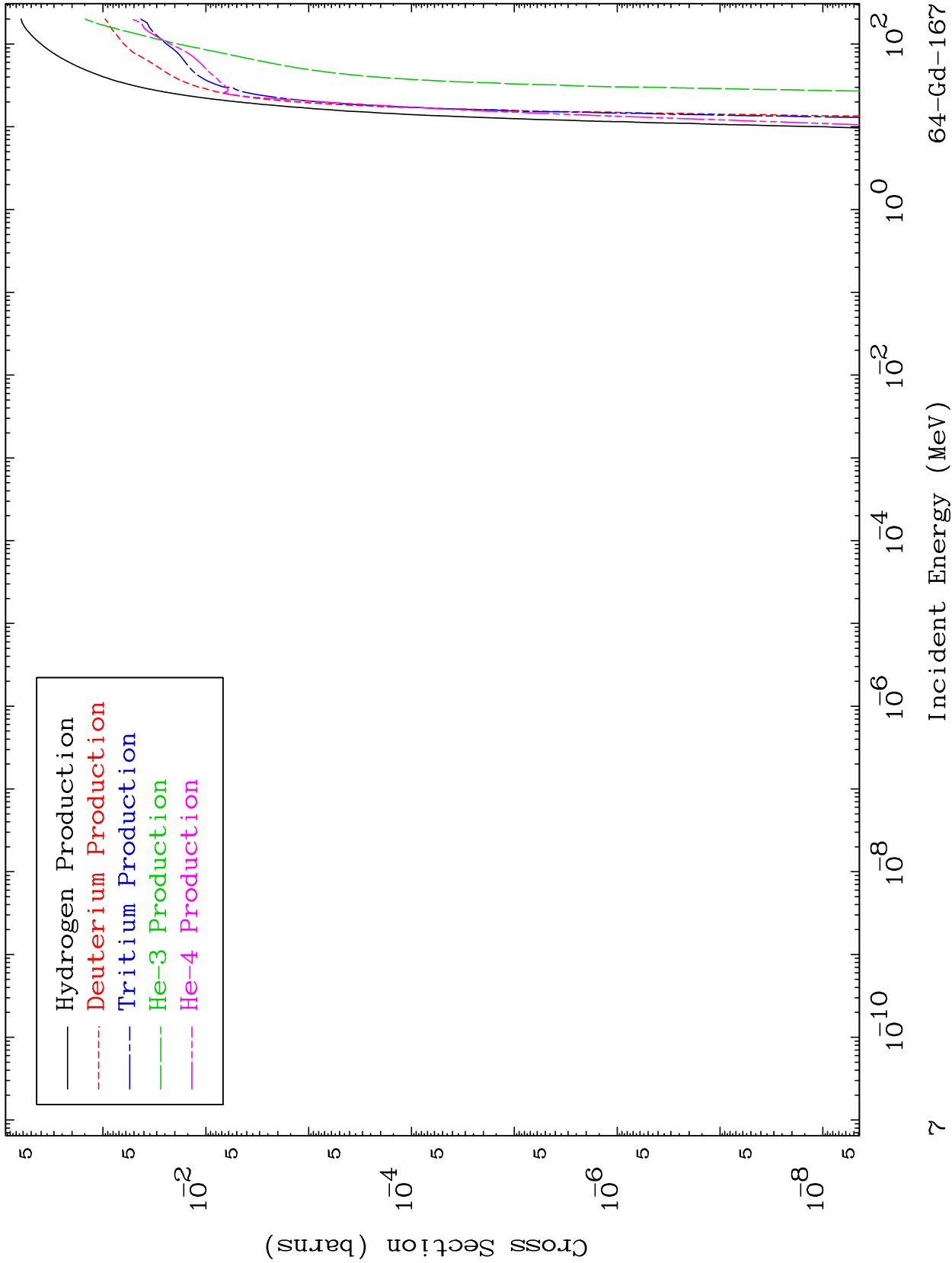
Neutron Absorption  
293 Kelvin Cross Sections

64-Gd-167









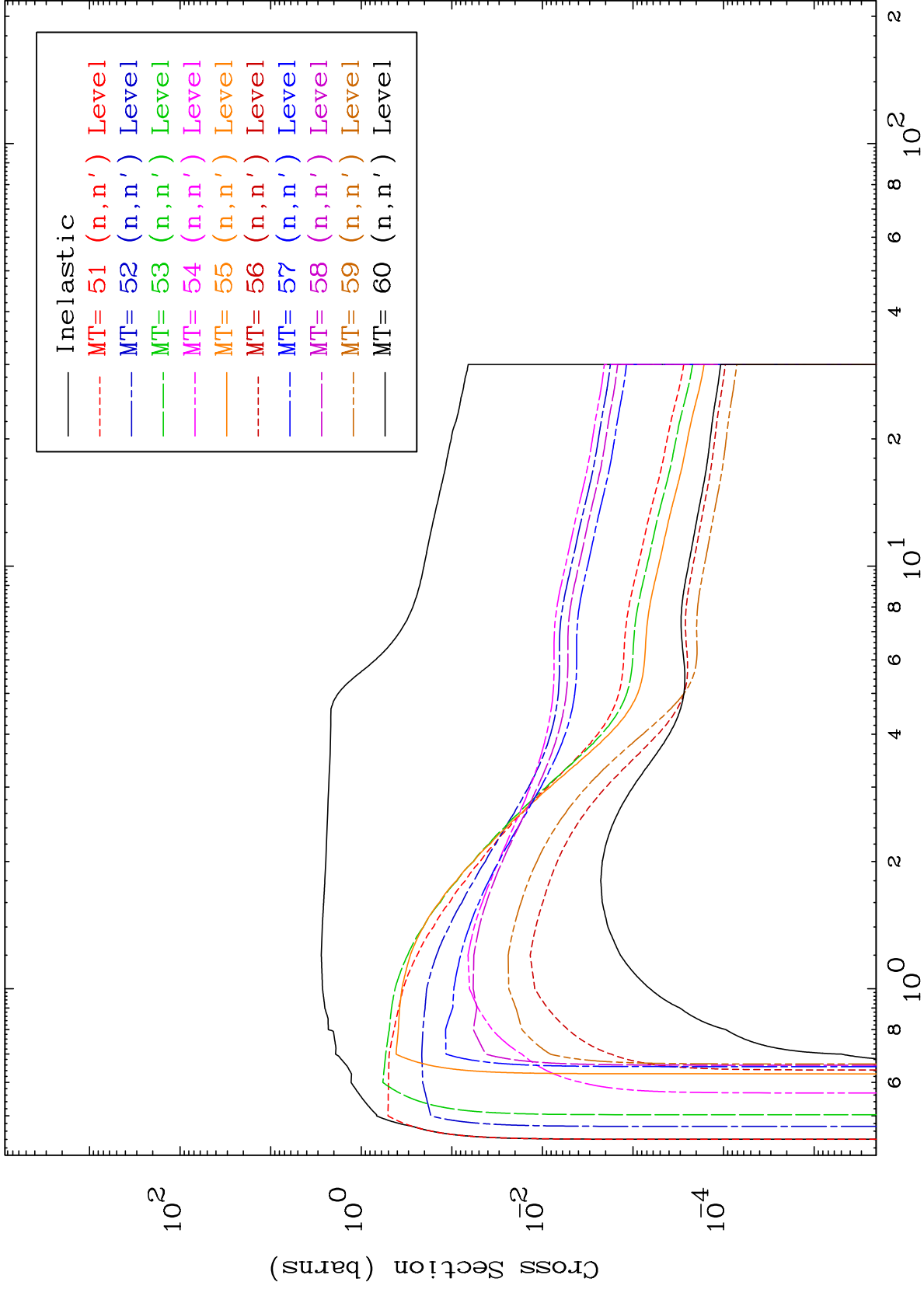


MAT 6470

(n,n') Levels

64-Gd-167

293 Kelvin Cross Sections

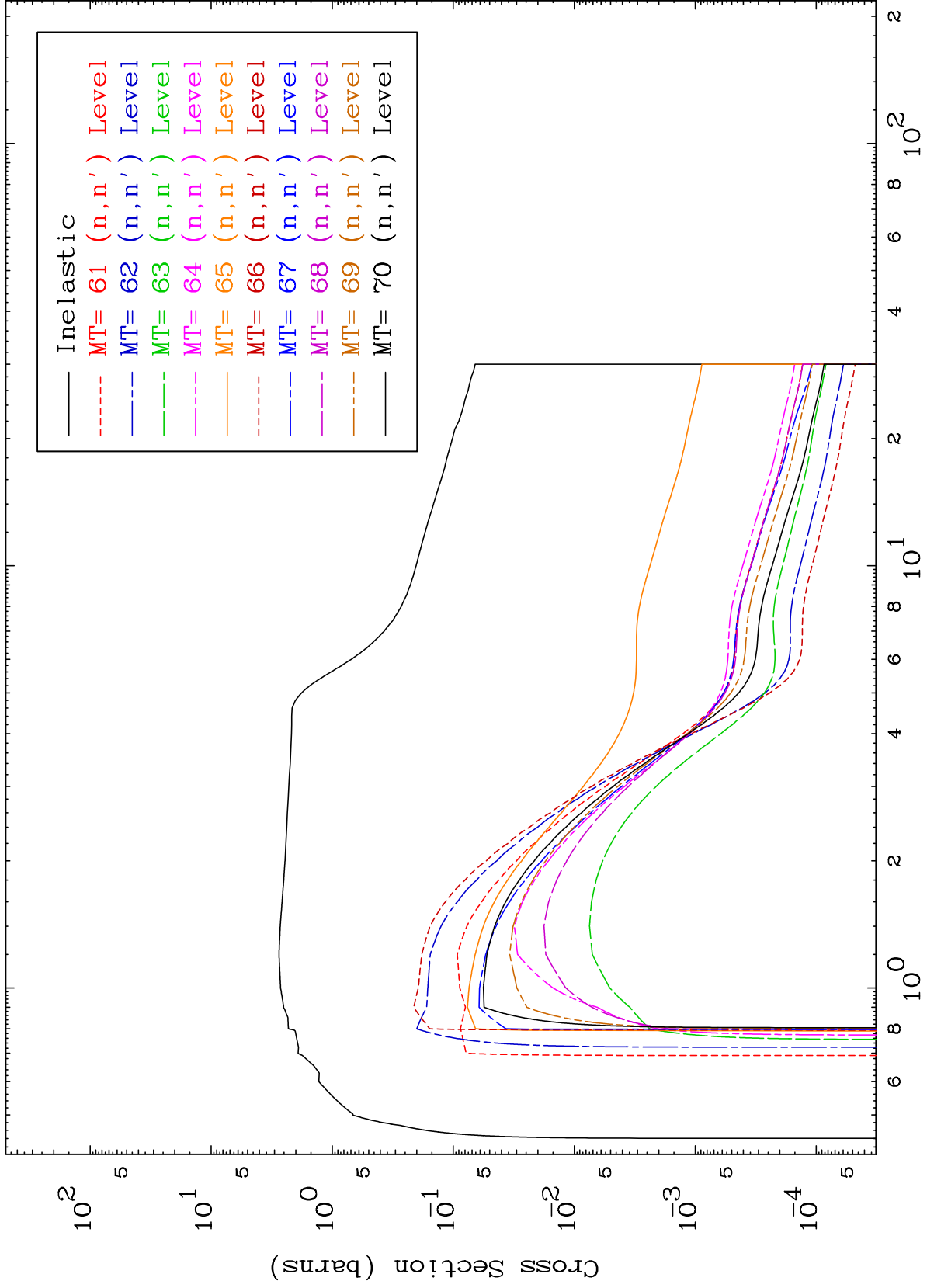


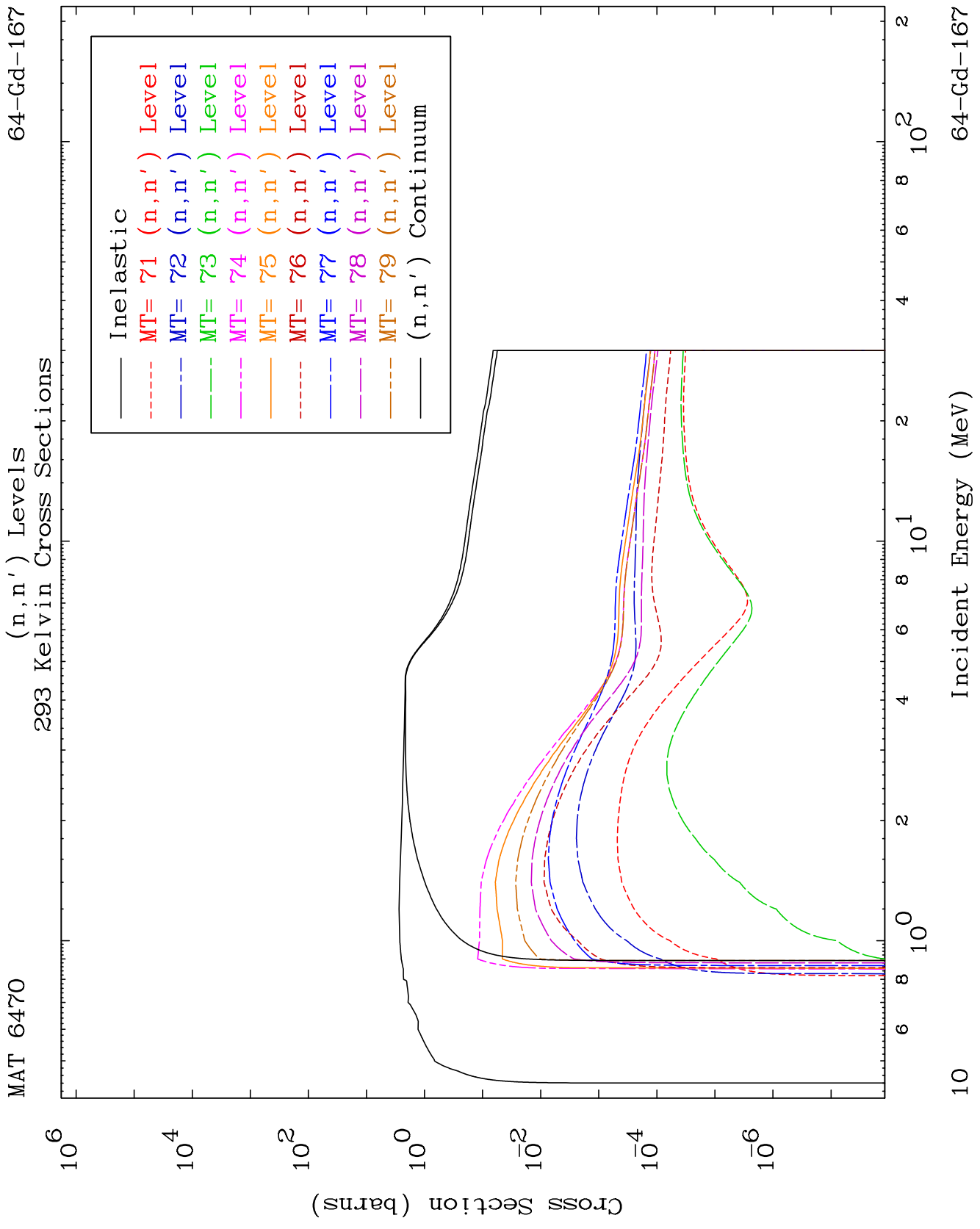
8

Incident Energy (MeV)

64-Gd-167

293 Kelvin Cross Sections

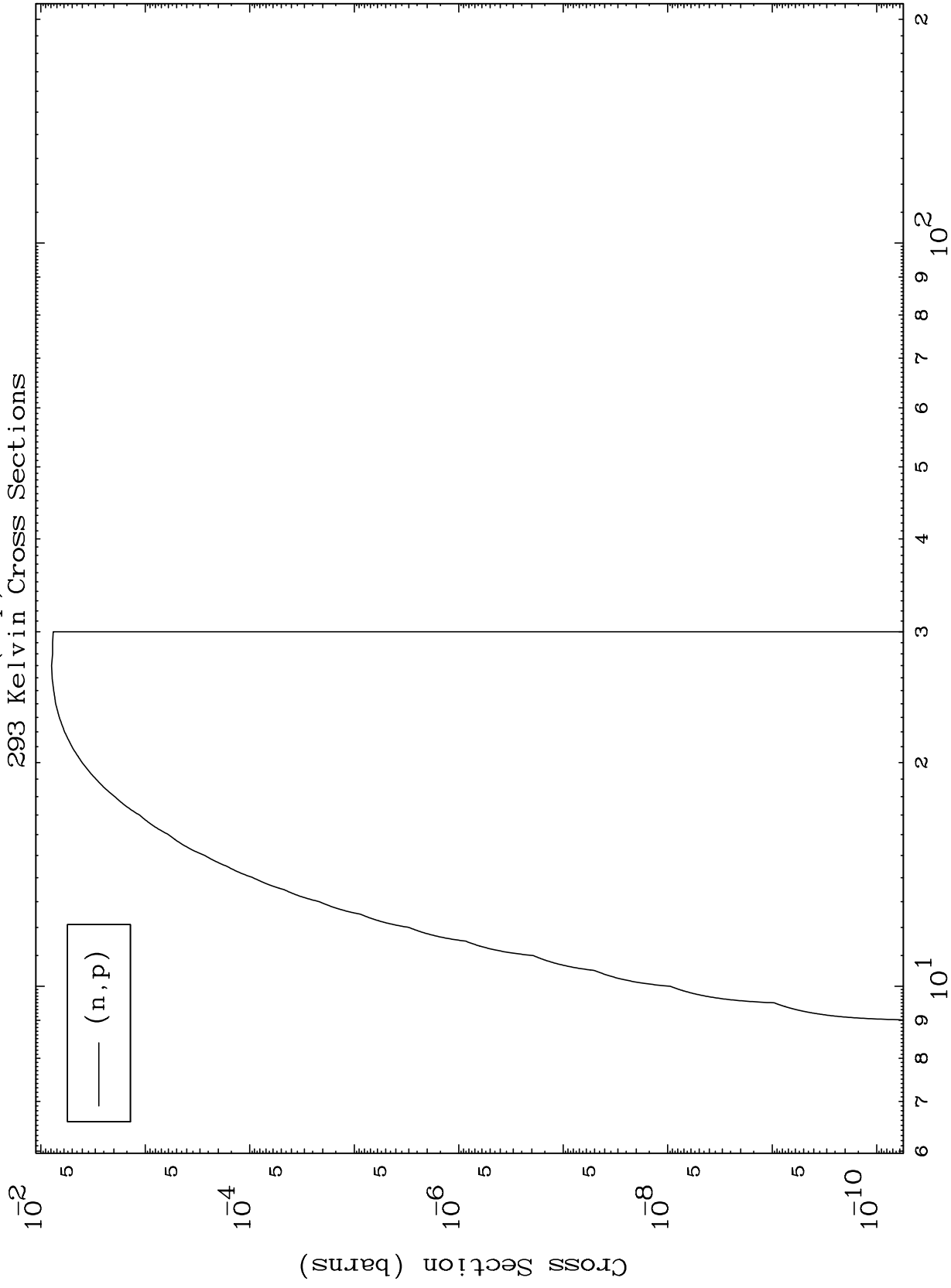




MAT 6470

(n,p) Levels  
293 Kelvin Cross Sections

64-Gd-167



11

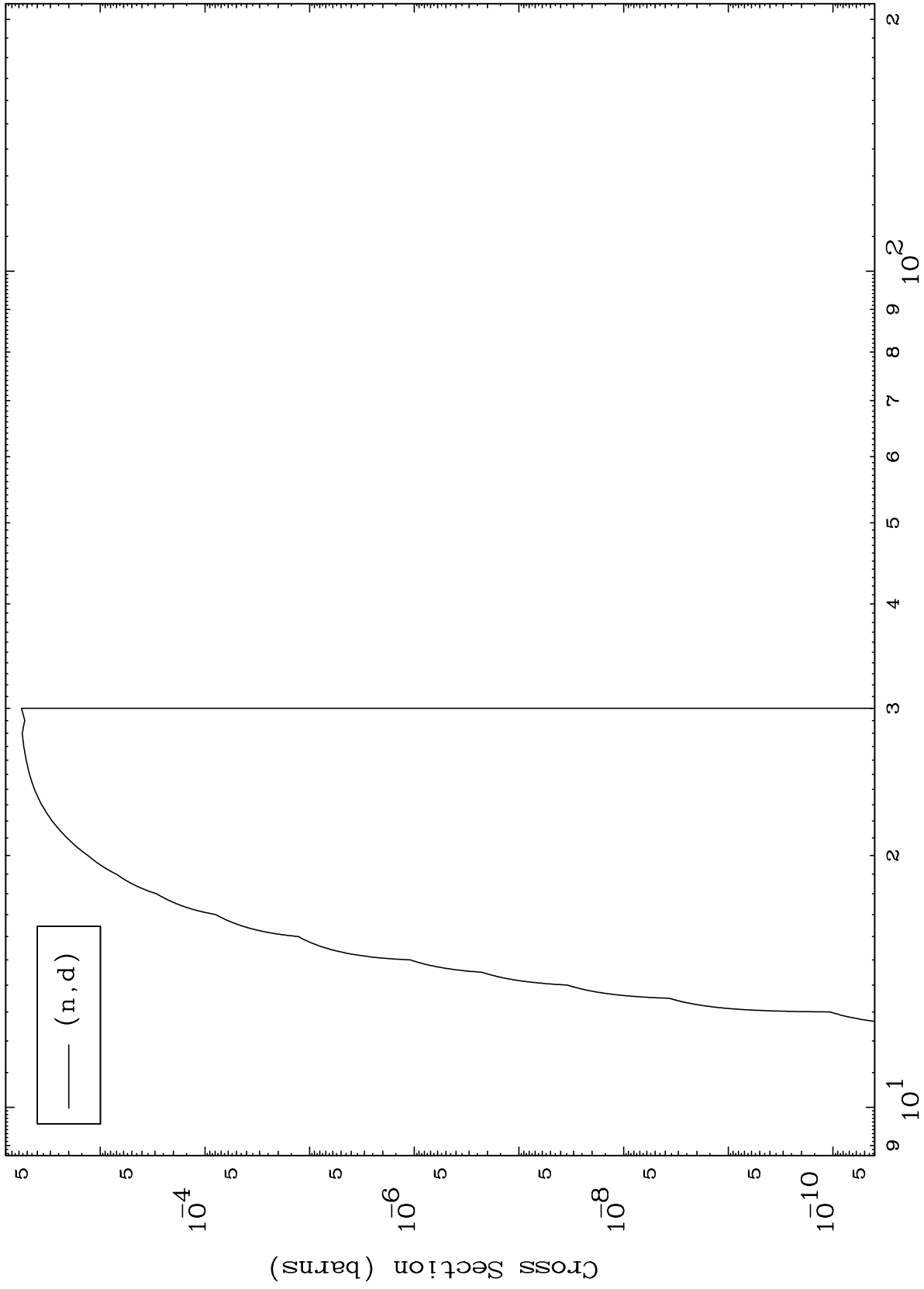
Incident Energy (MeV)

64-Gd-167

MAT 6470

(n,d) Levels  
293 Kelvin Cross Sections

64-Gd-167



12

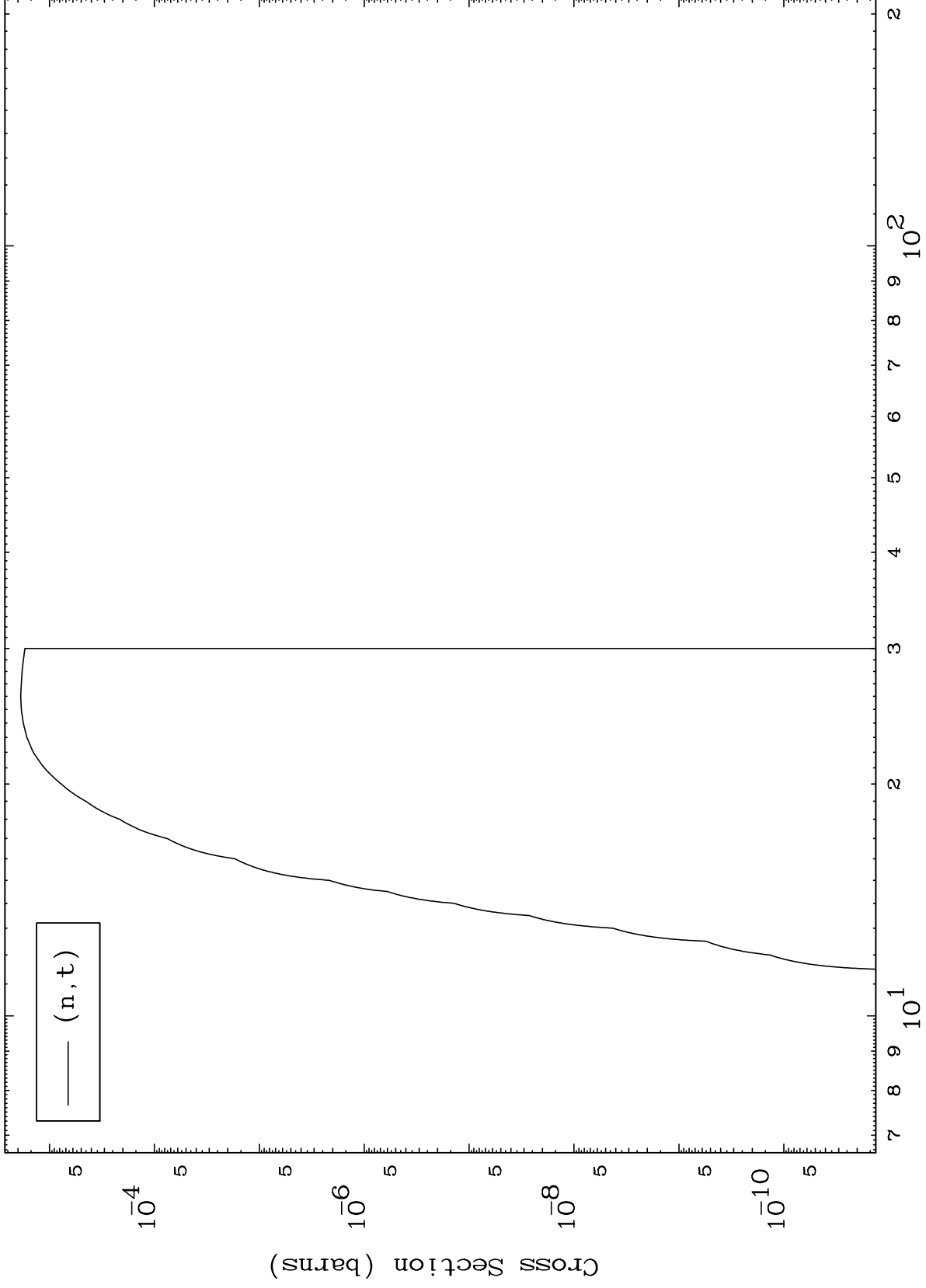
Incident Energy (MeV)

64-Gd-167

MAT 6470

(n,t) Levels  
293 Kelvin Cross Sections

64-Gd-167



13

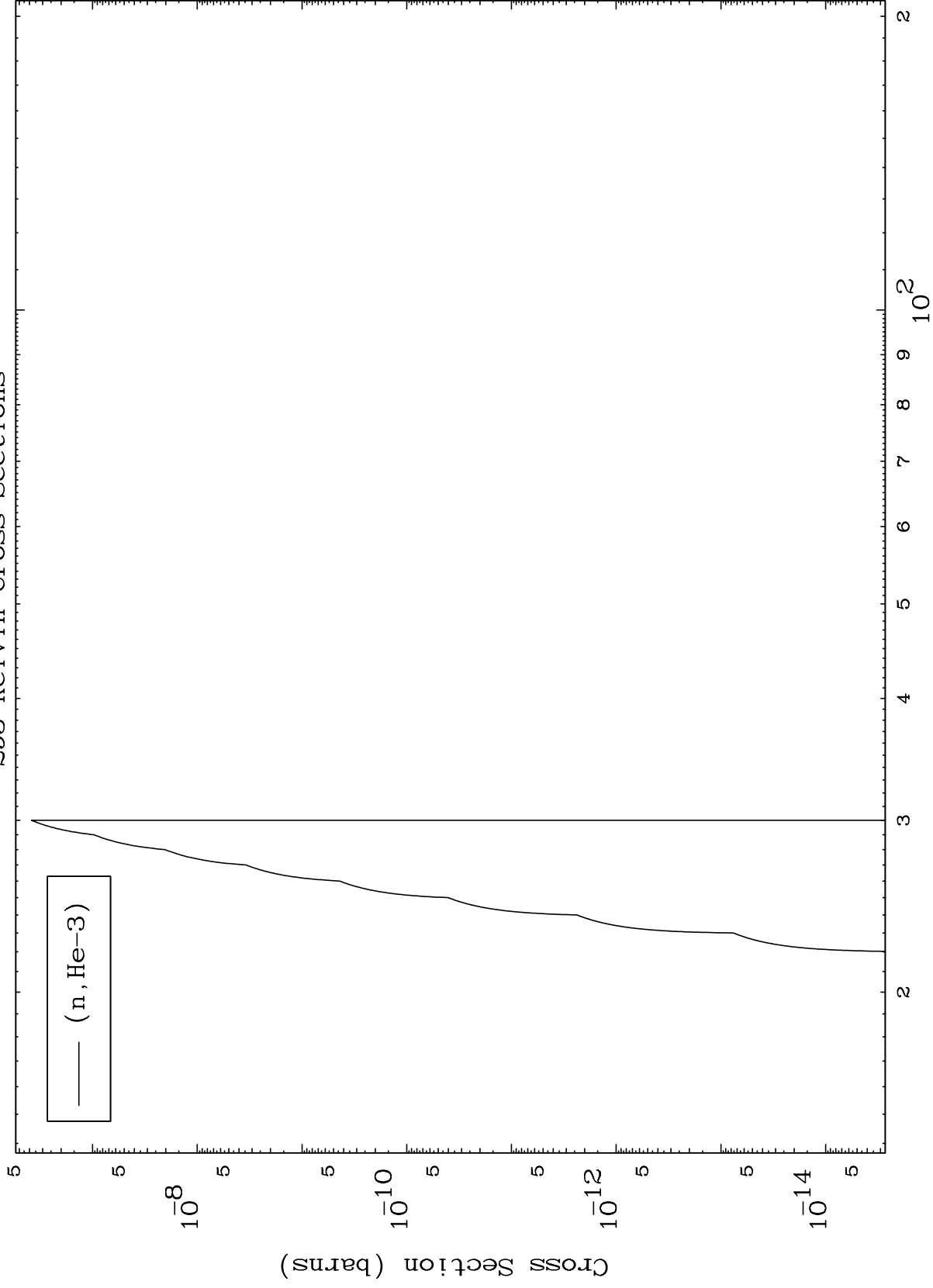
Incident Energy (MeV)

64-Gd-167

MAT 6470

(n,He3) Levels  
293 Kelvin Cross Sections

64-Gd-167



14

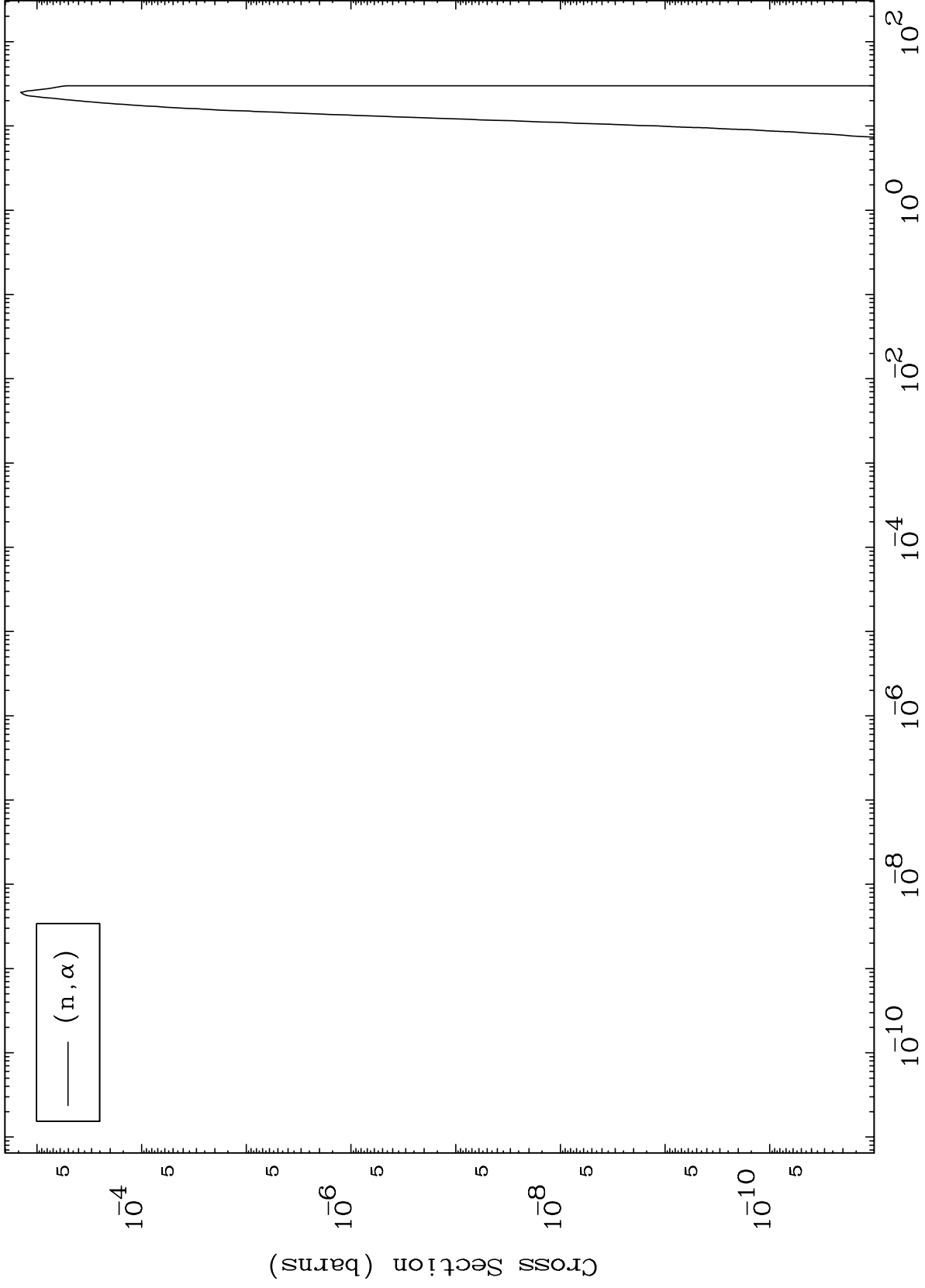
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



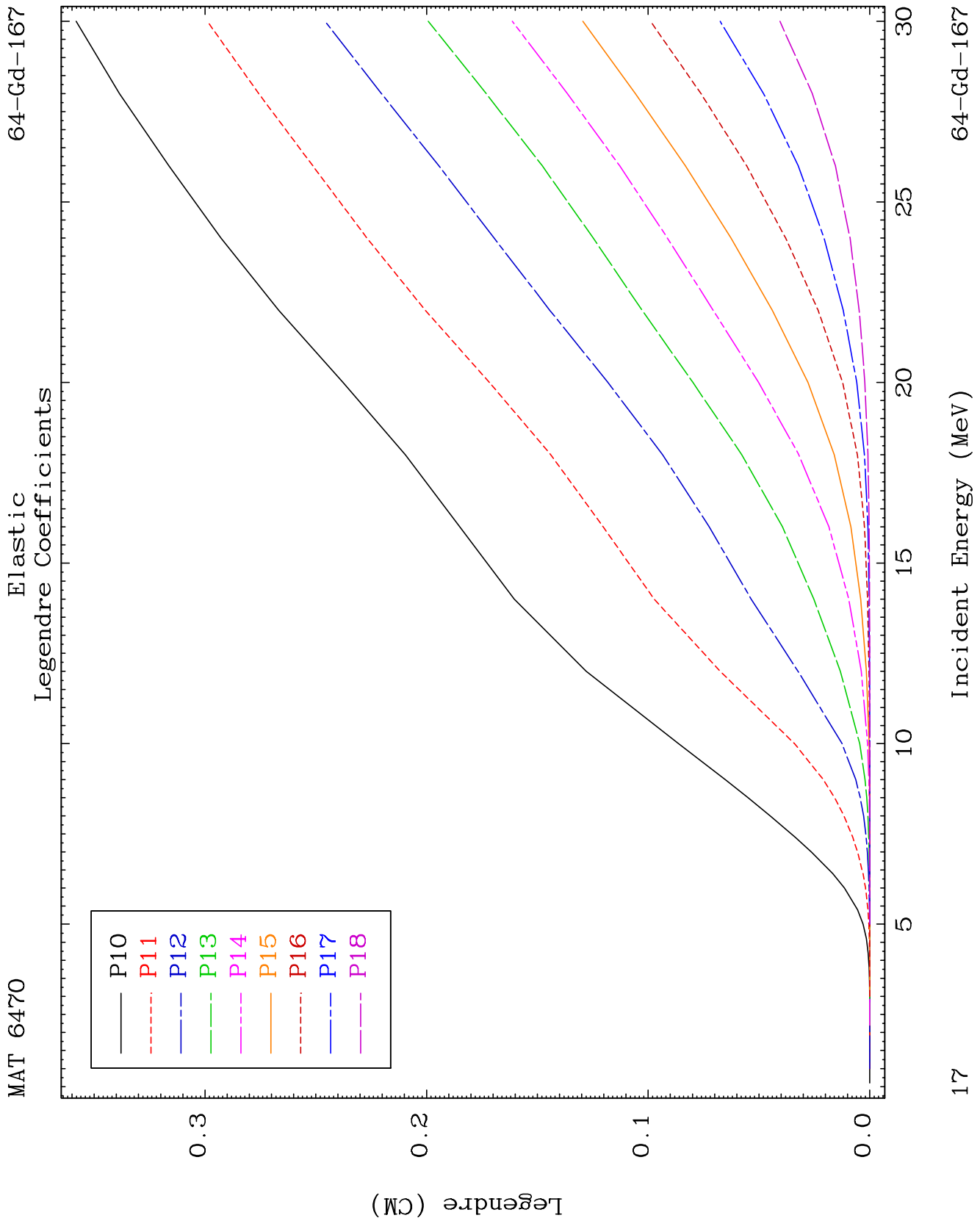
15

Incident Energy (MeV)

64-Gd-167



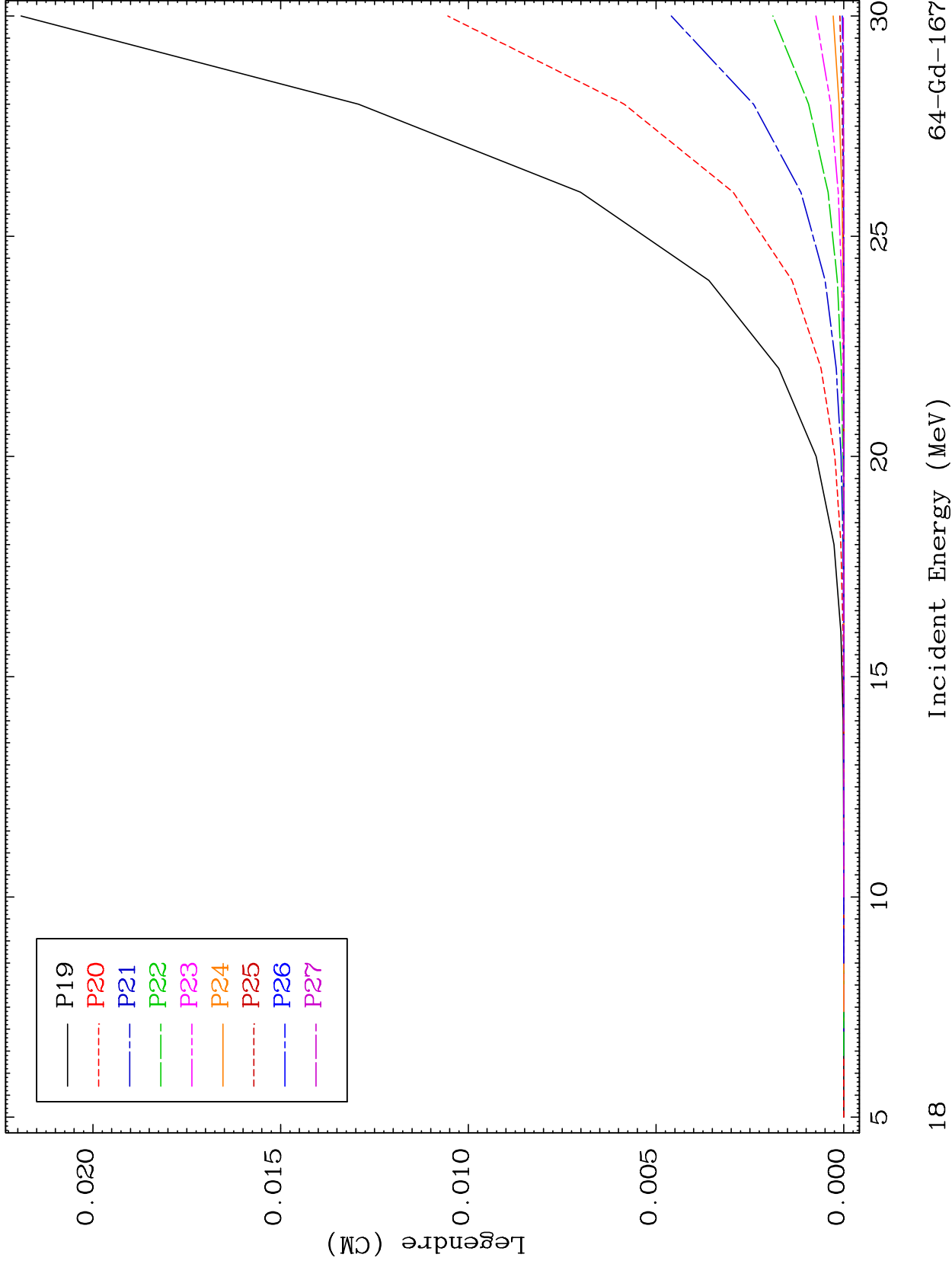




MAT 6470

### Elastic Legendre Coefficients

64-Gd-167



18

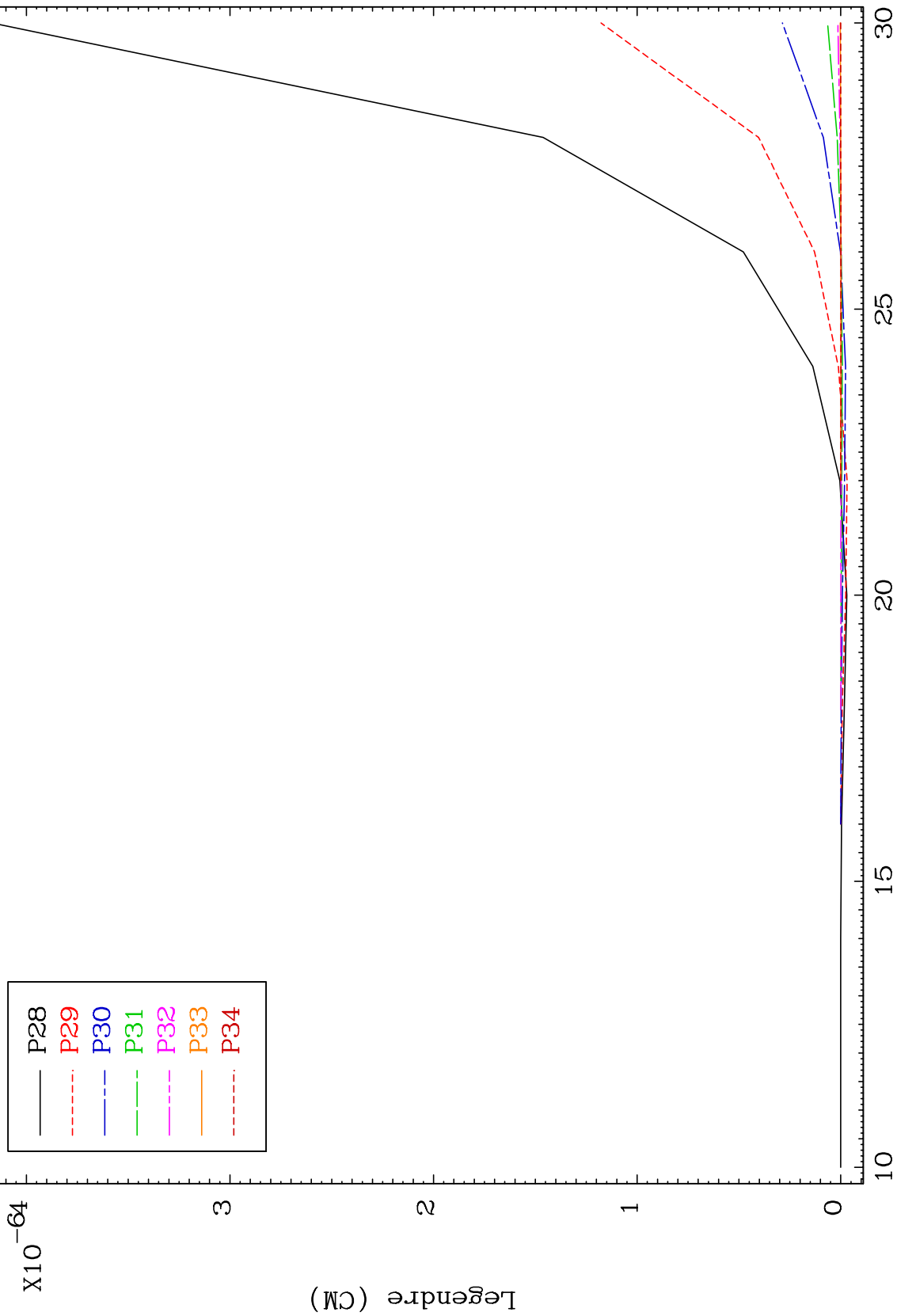
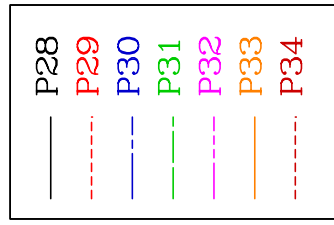
Incident Energy (MeV)

64-Gd-167

MAT 6470

Elastic Legendre Coefficients

64-Gd-167



19

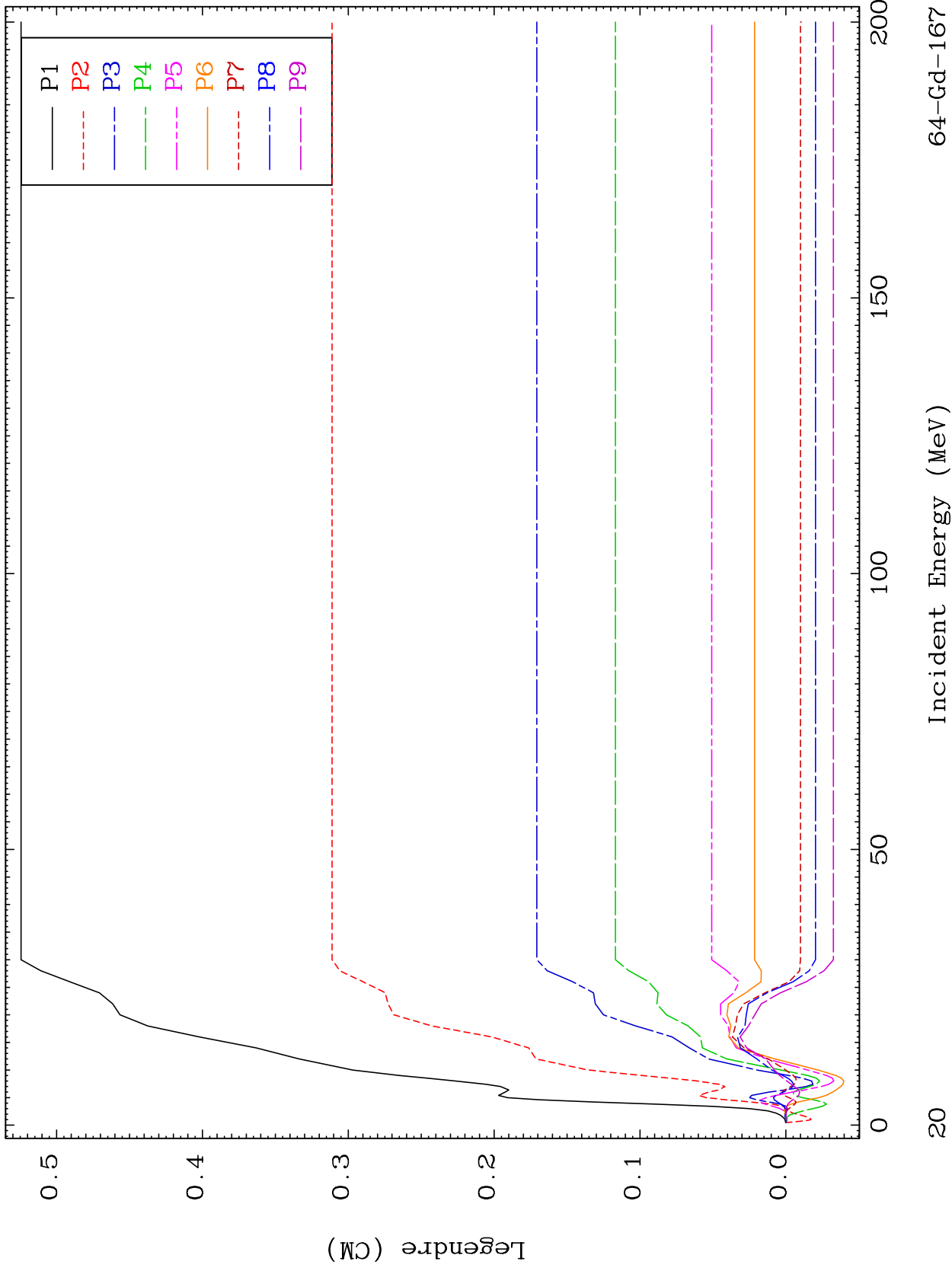
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



64-Gd-167

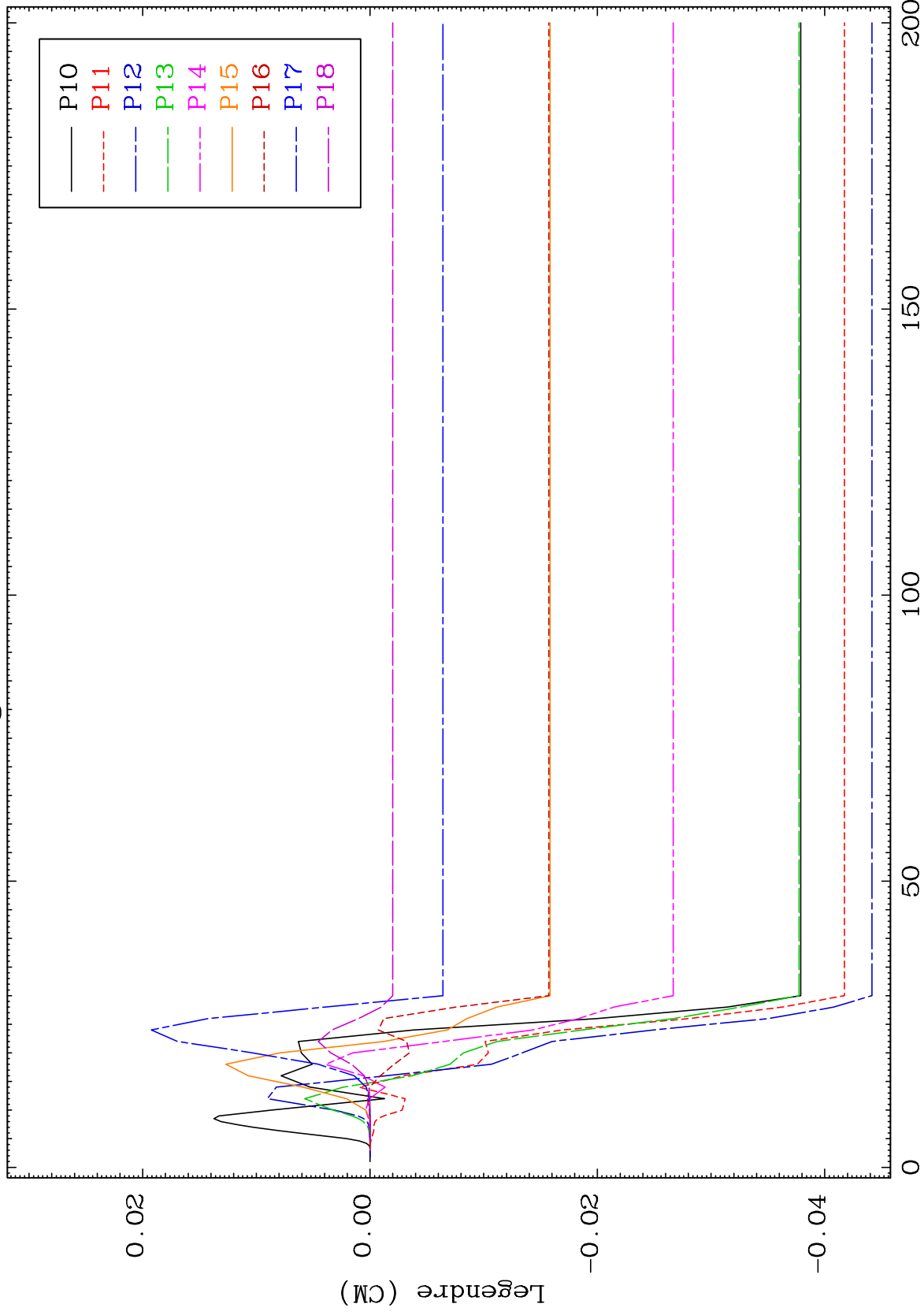
Incident Energy (MeV)

20

MAT 6470

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

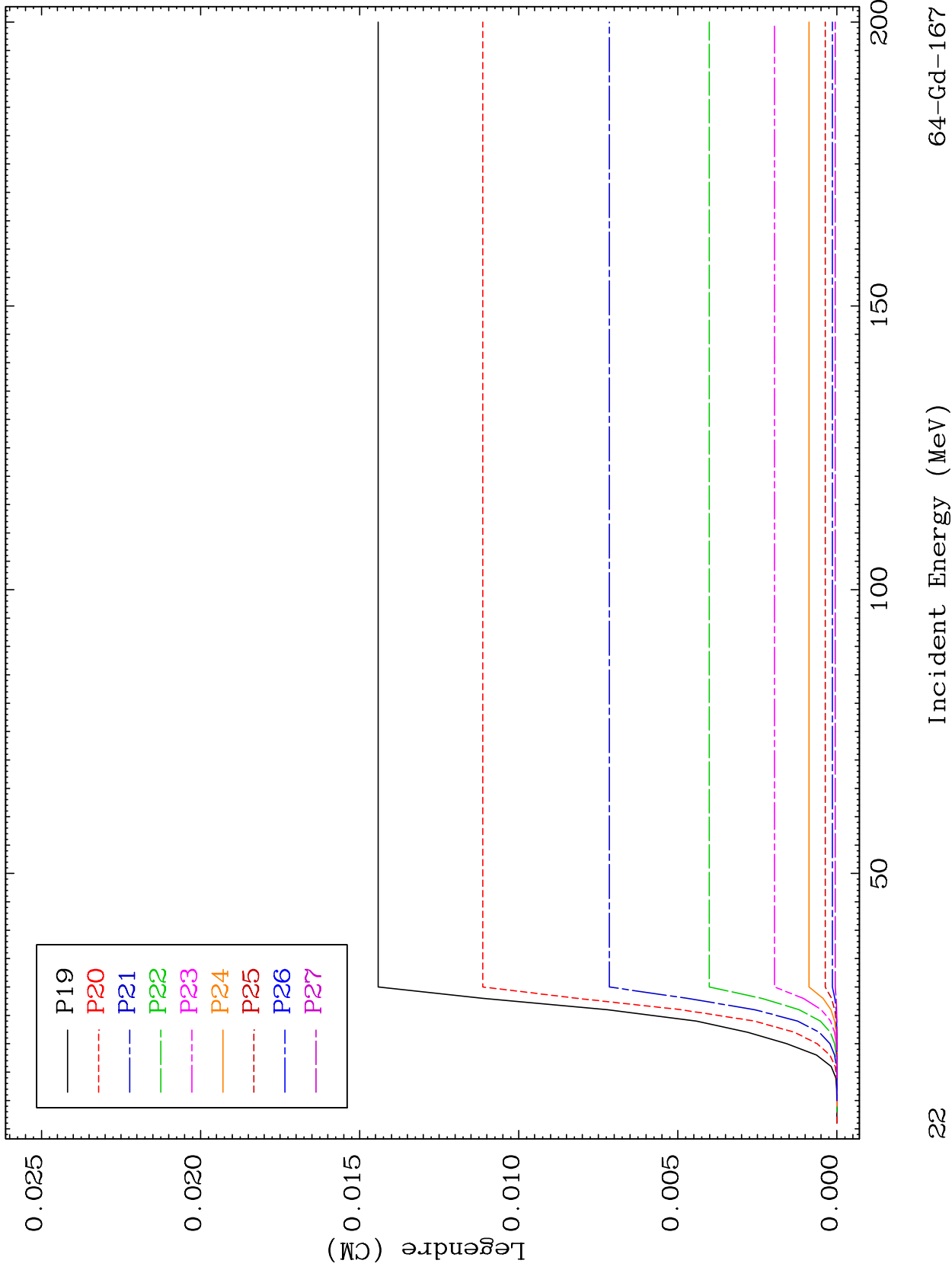
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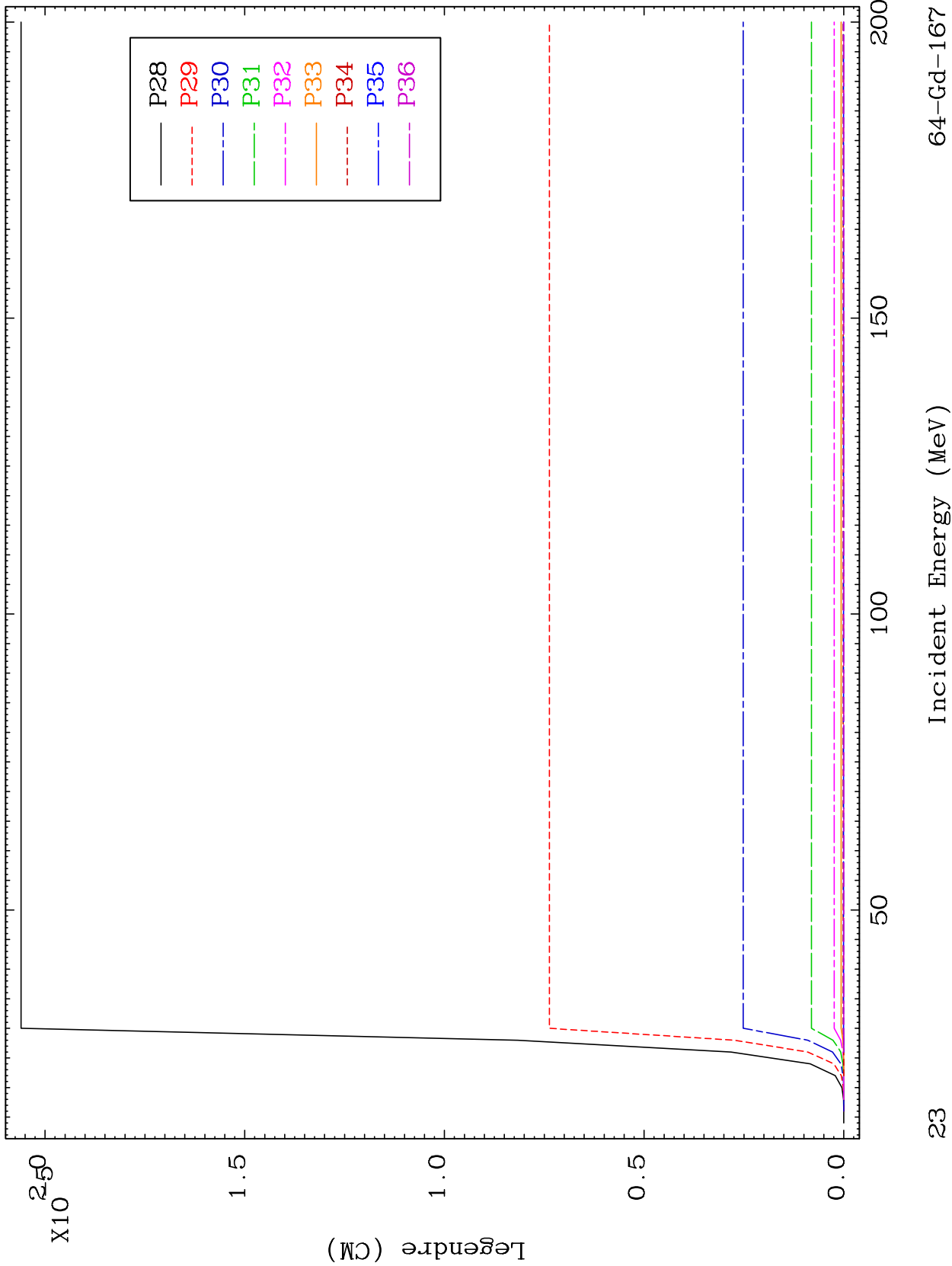


21

Incident Energy (MeV)

64-Gd-167



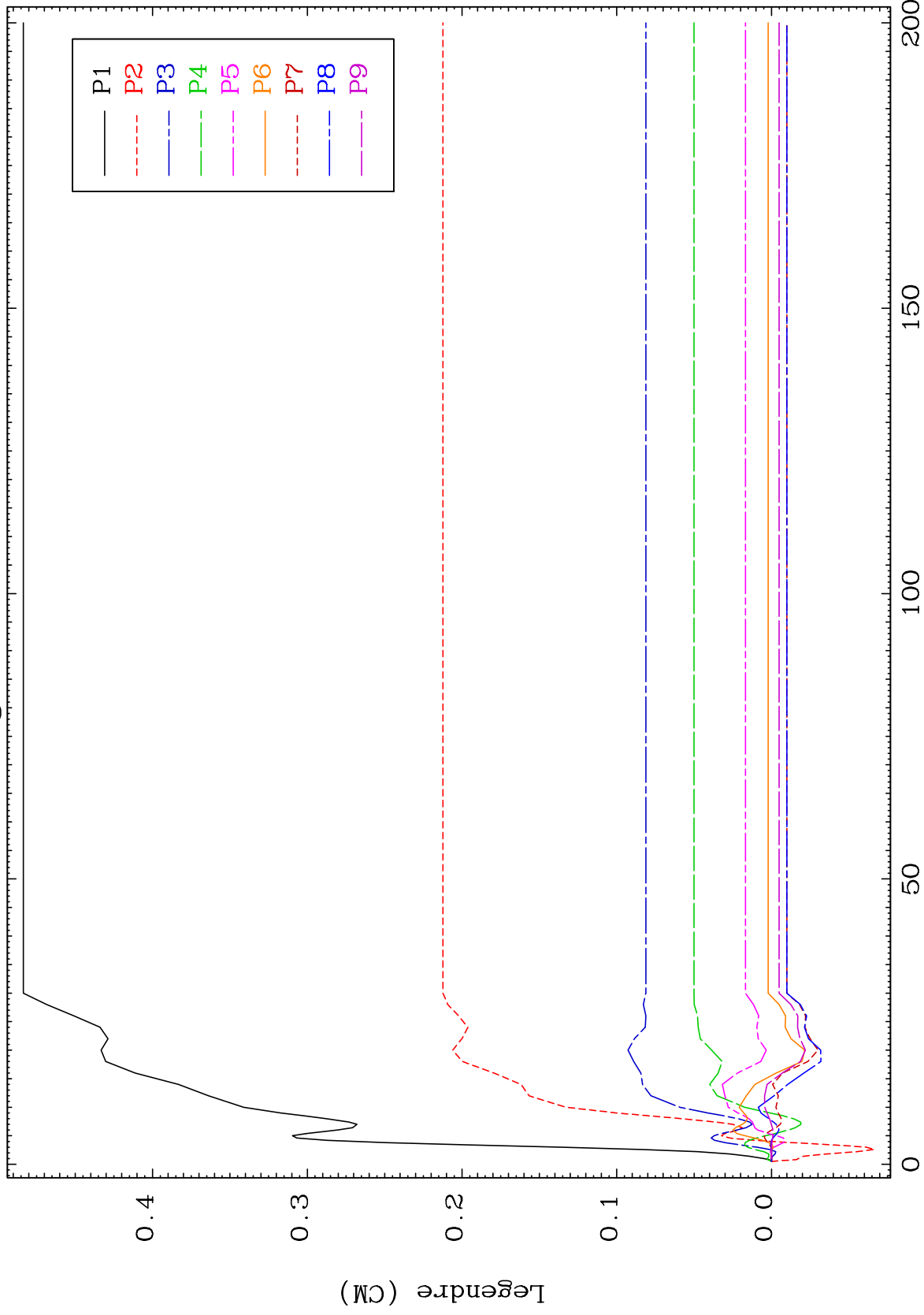




MAT 6470

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

64-Gd-167



24

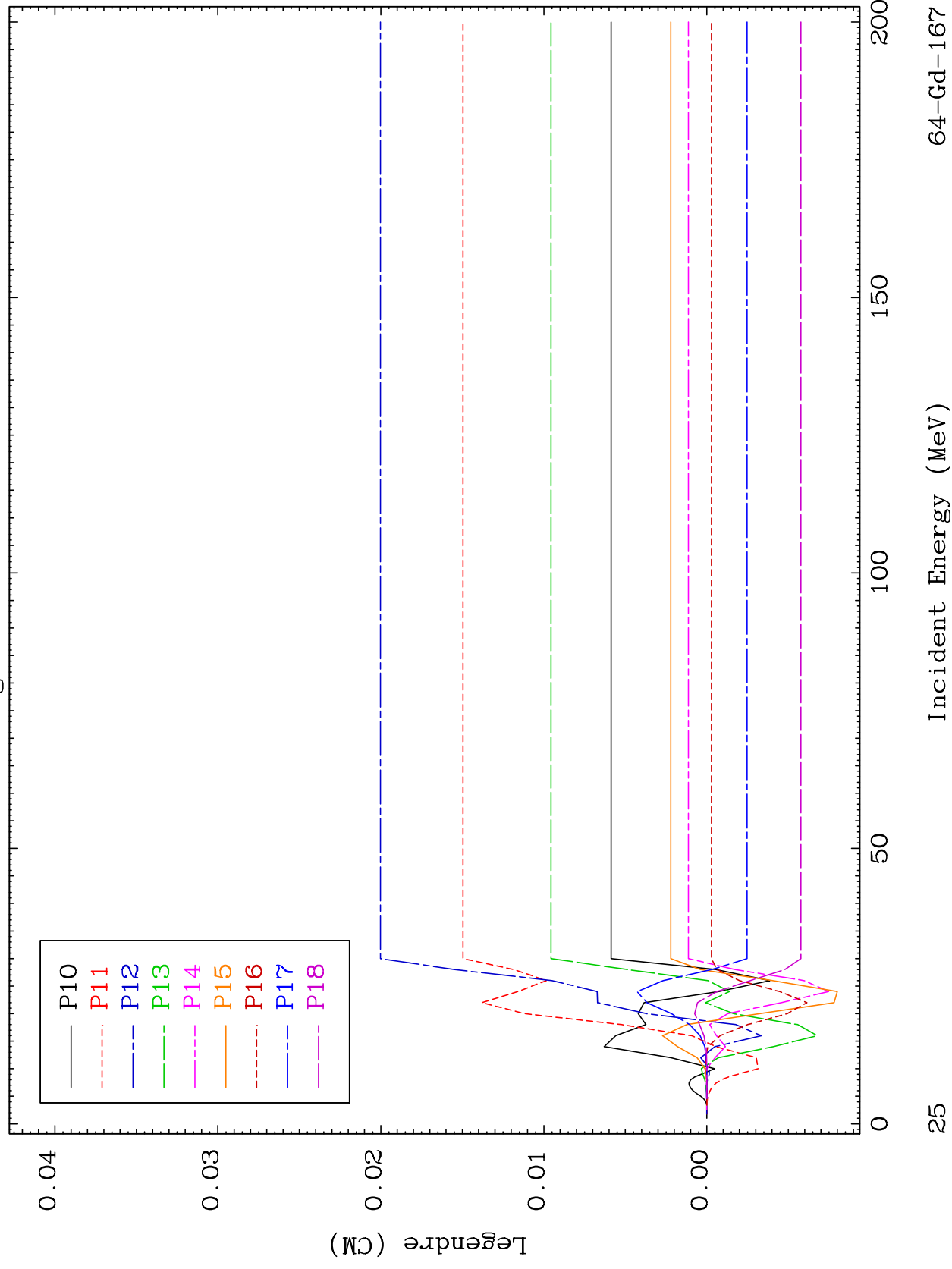
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

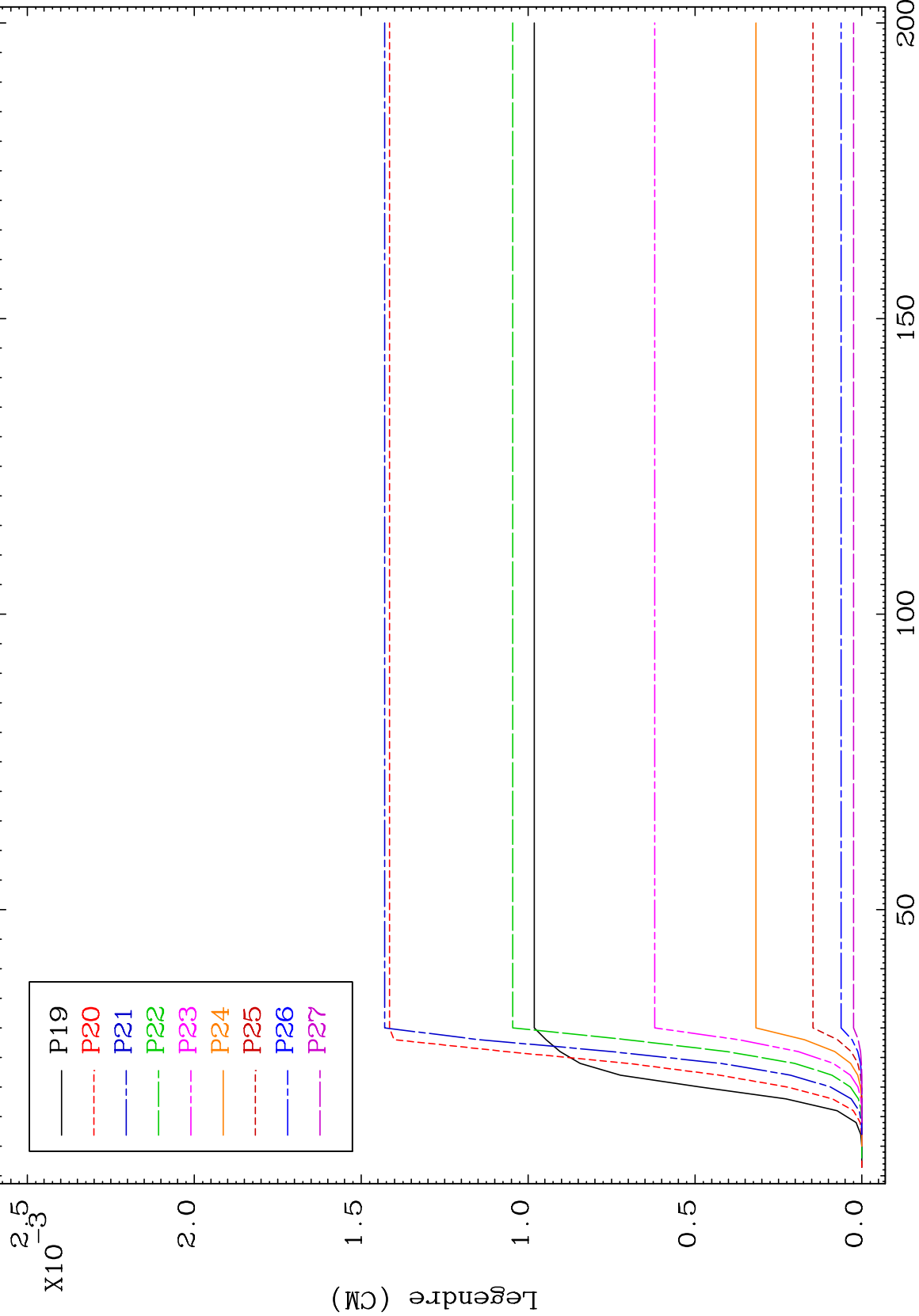
64-Gd-167



64-Gd-167

Incident Energy (MeV)

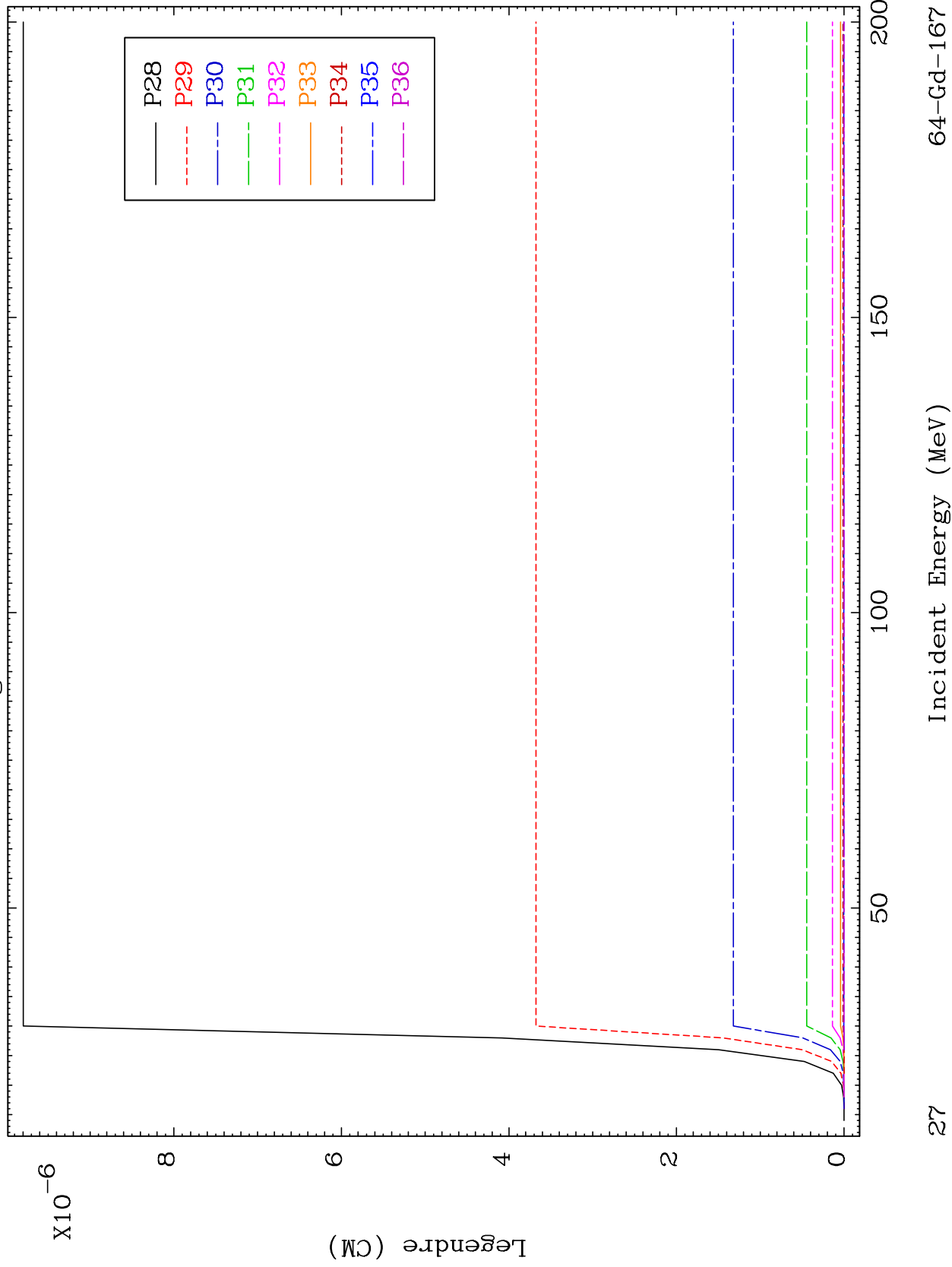
25



MAT 6470

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

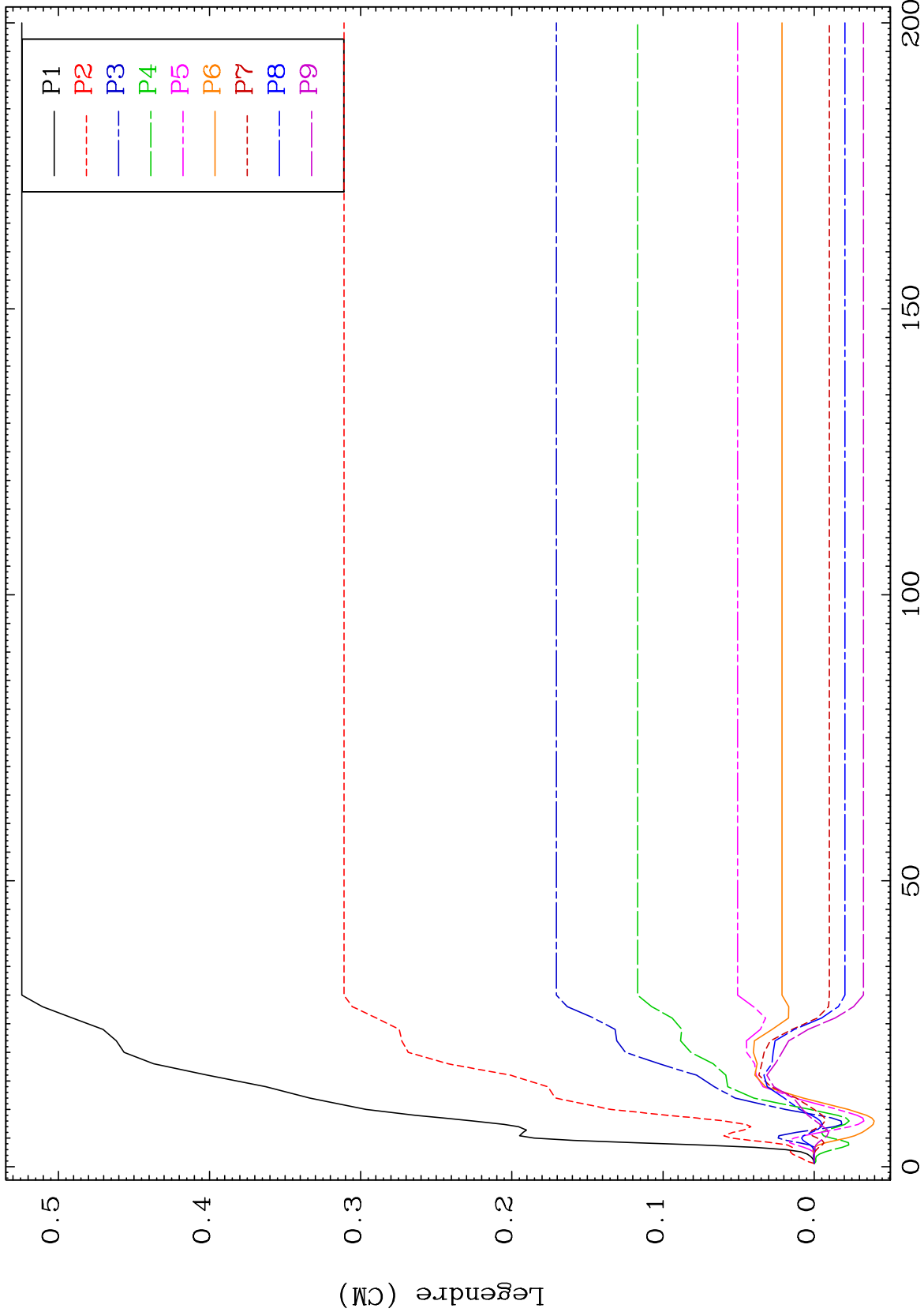
64-Gd-167



MAT 6470

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

64-Gd-167



64-Gd-167

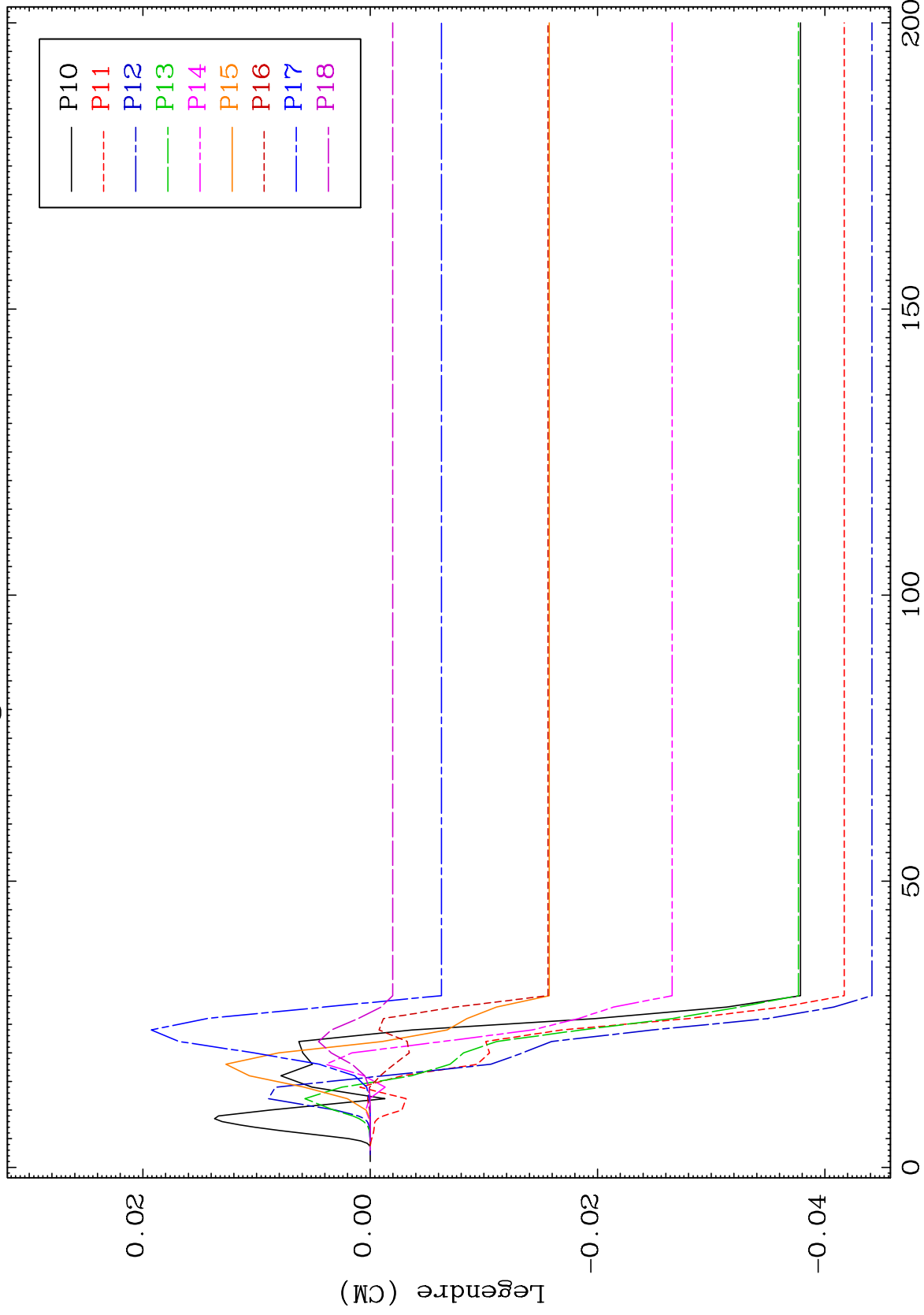
Incident Energy (MeV)

28

MAT 6470

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

64-Gd-167



29

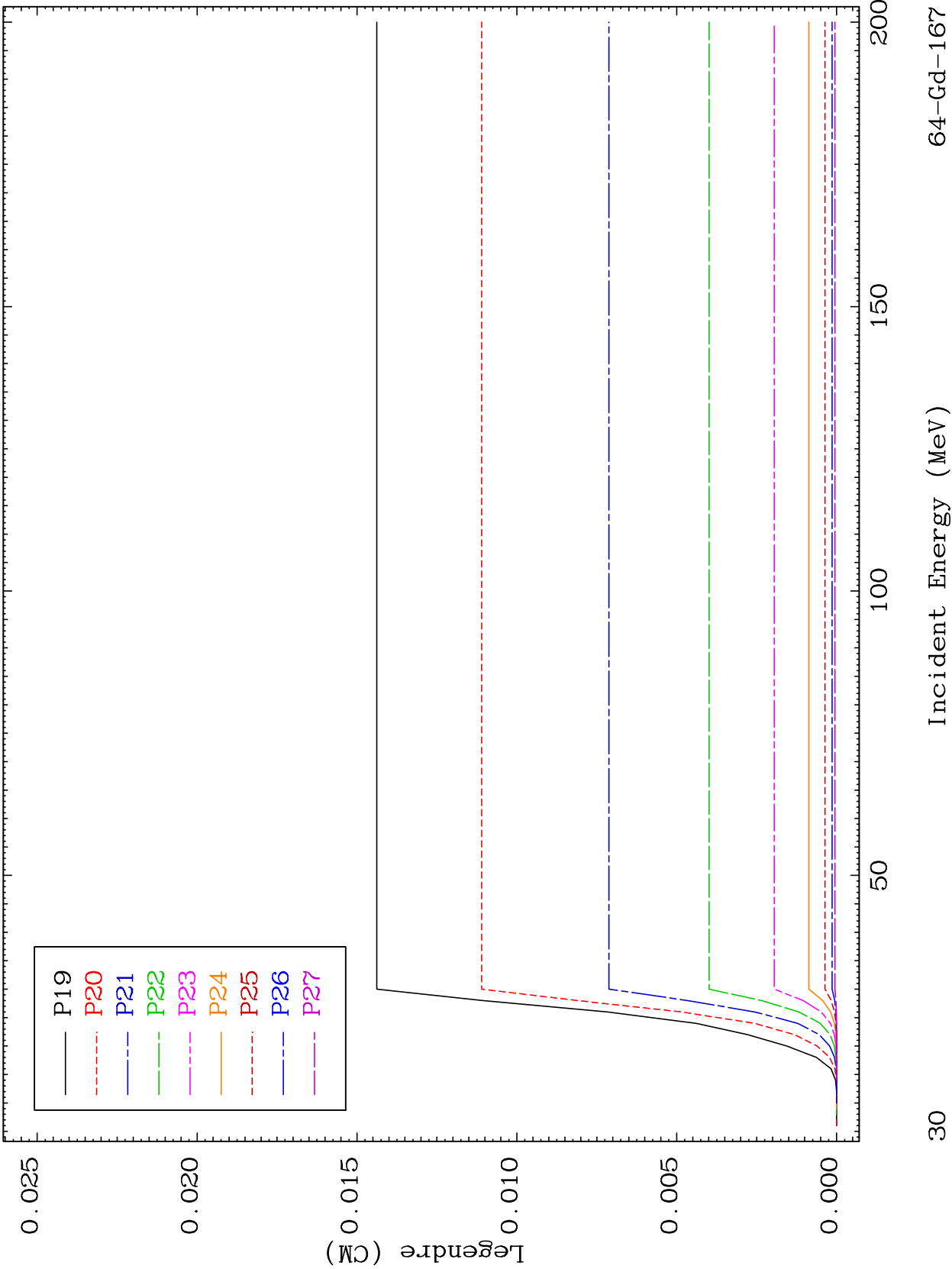
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



30

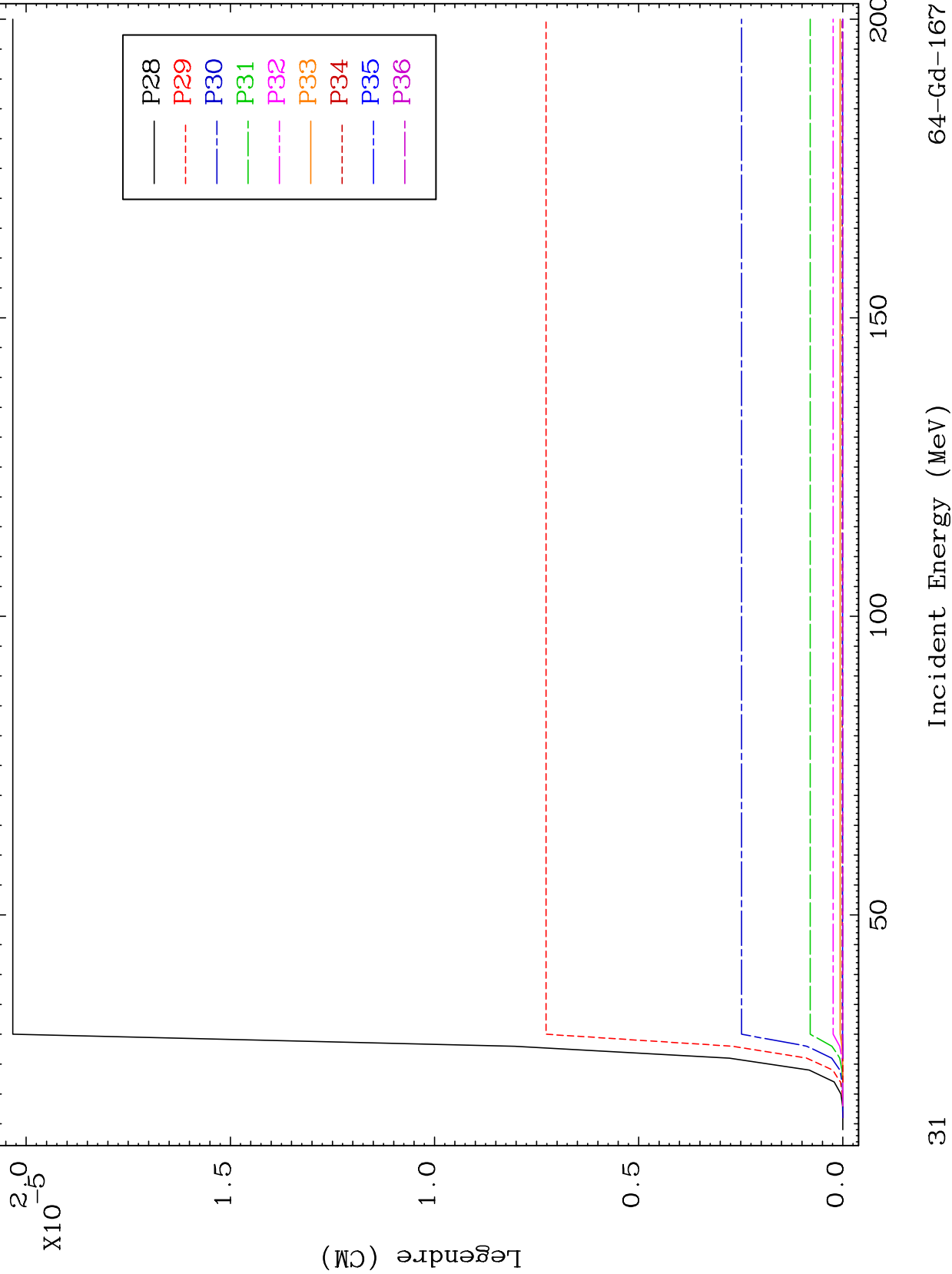
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



31

Incident Energy (MeV)

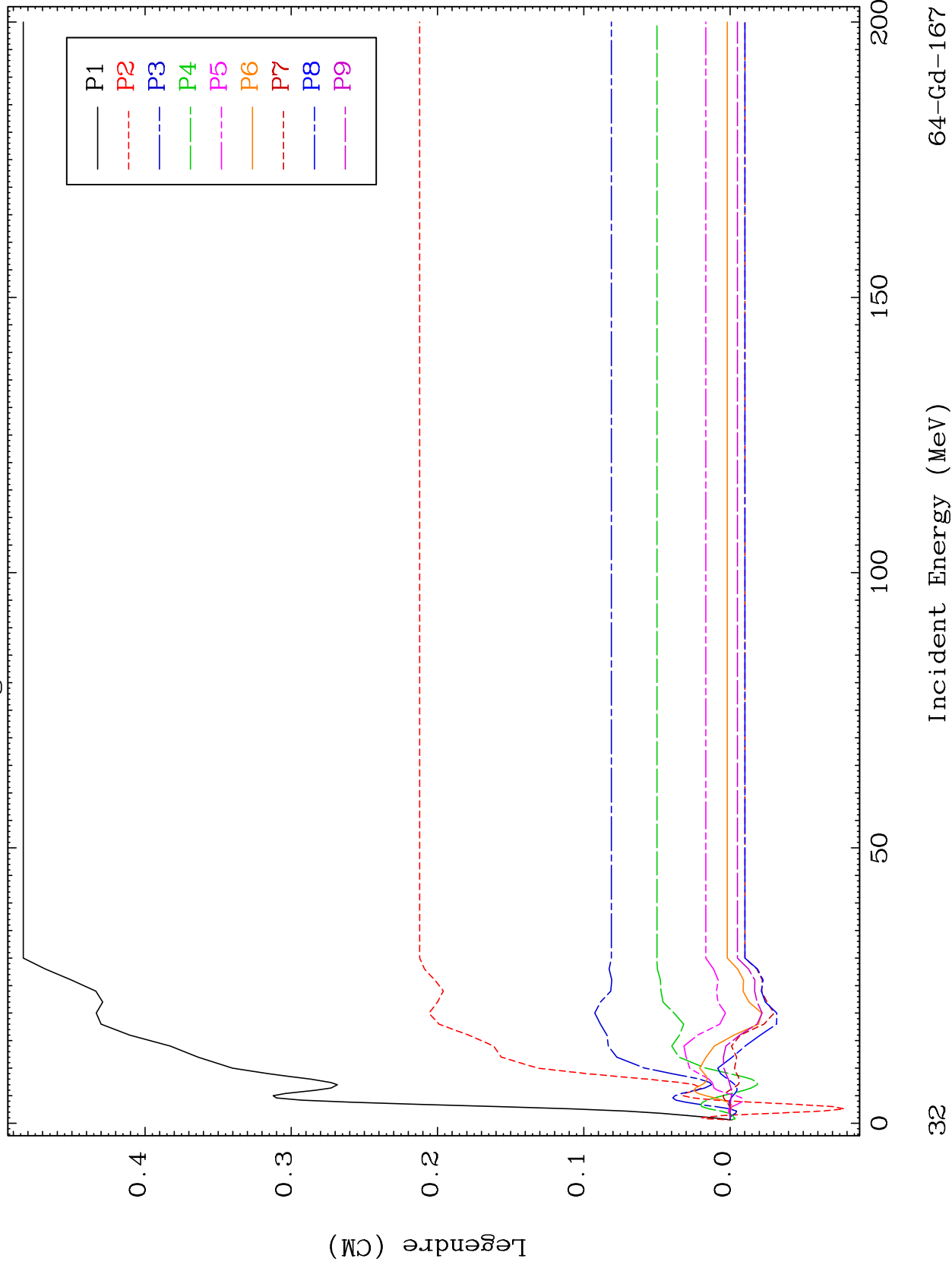
64-Gd-167



MAT 6470

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

64-Gd-167



64-Gd-167

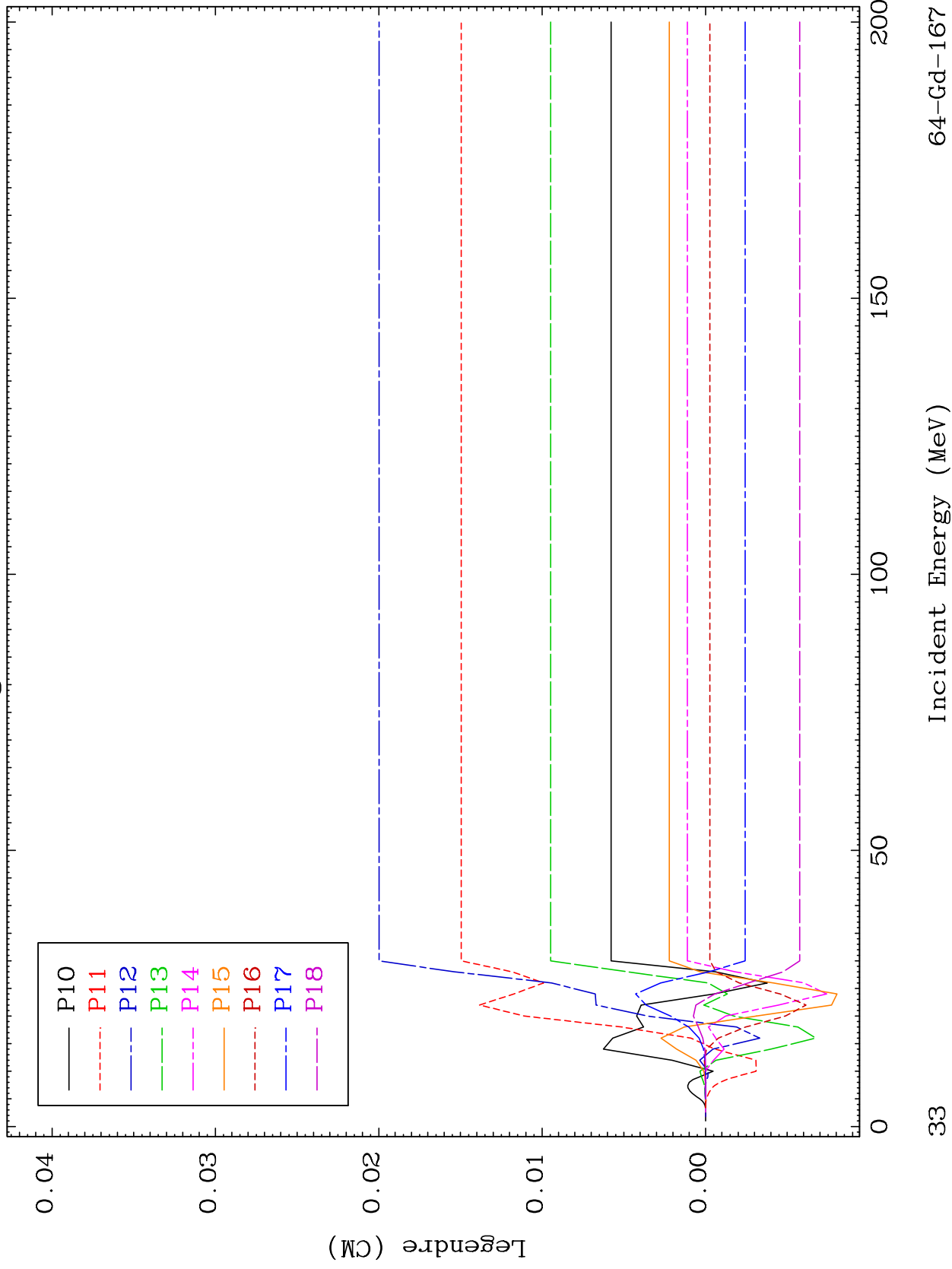
Incident Energy (MeV)

32

MAT 6470

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

64-Gd-167



33

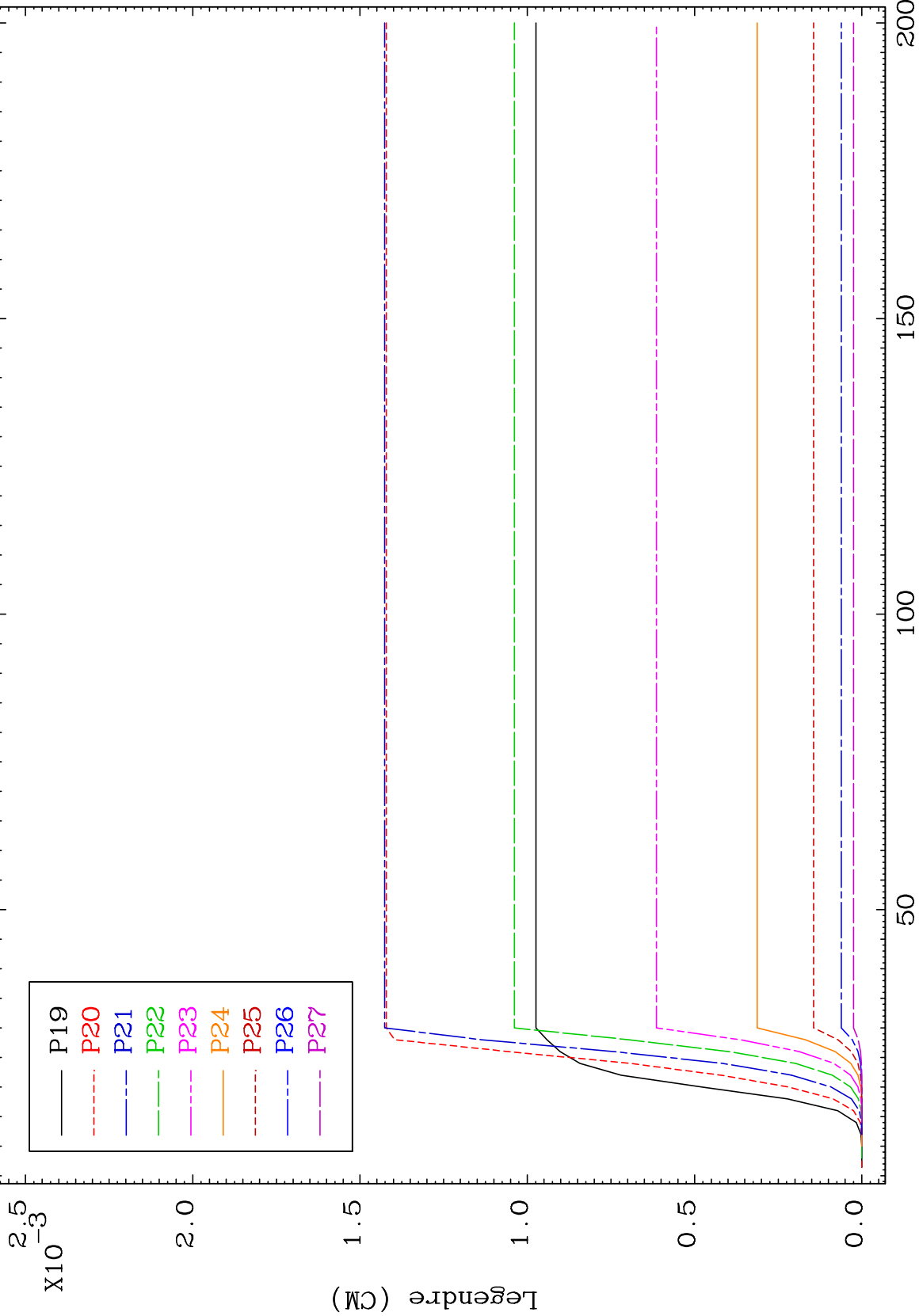
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



34

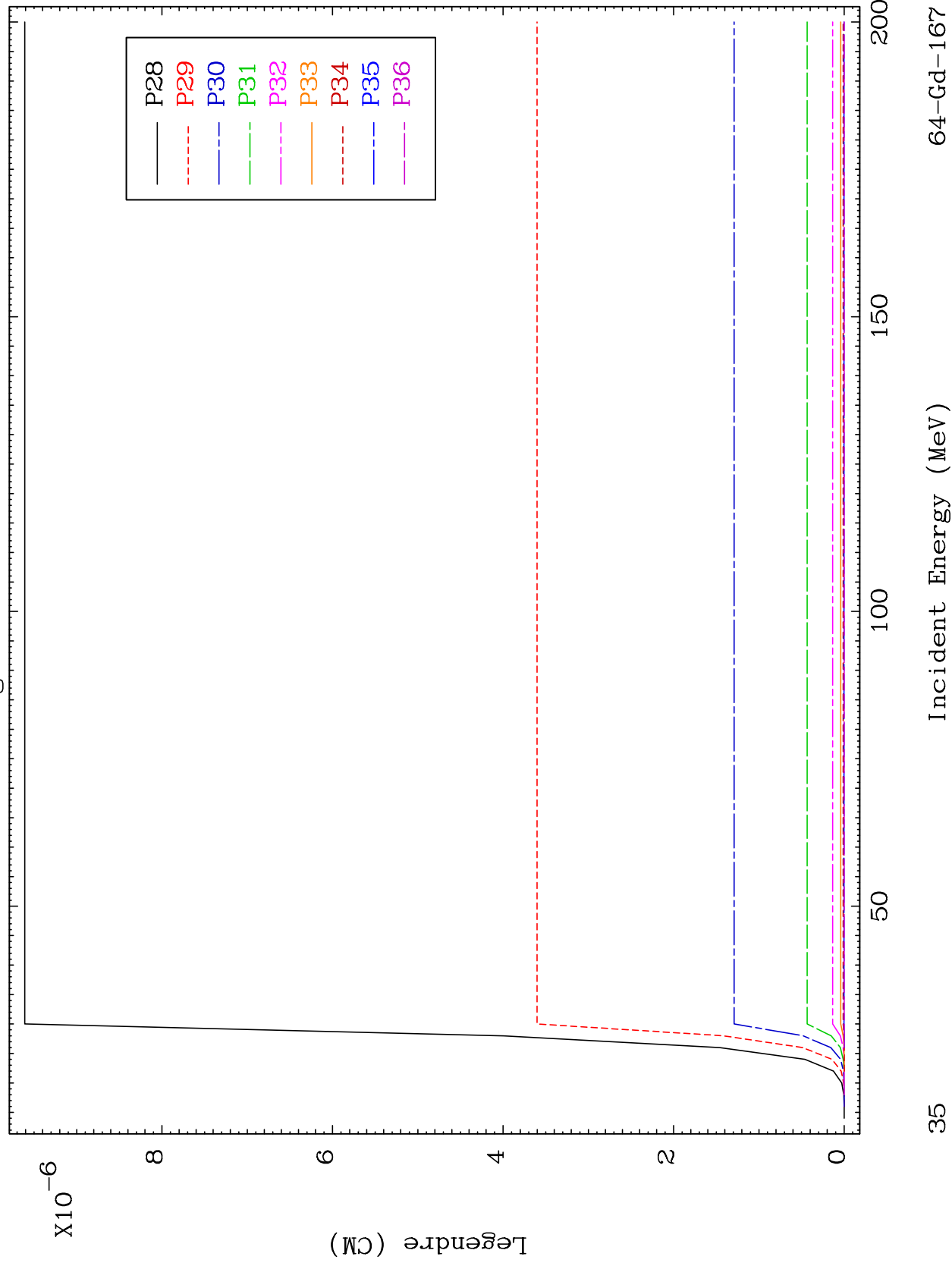
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



35

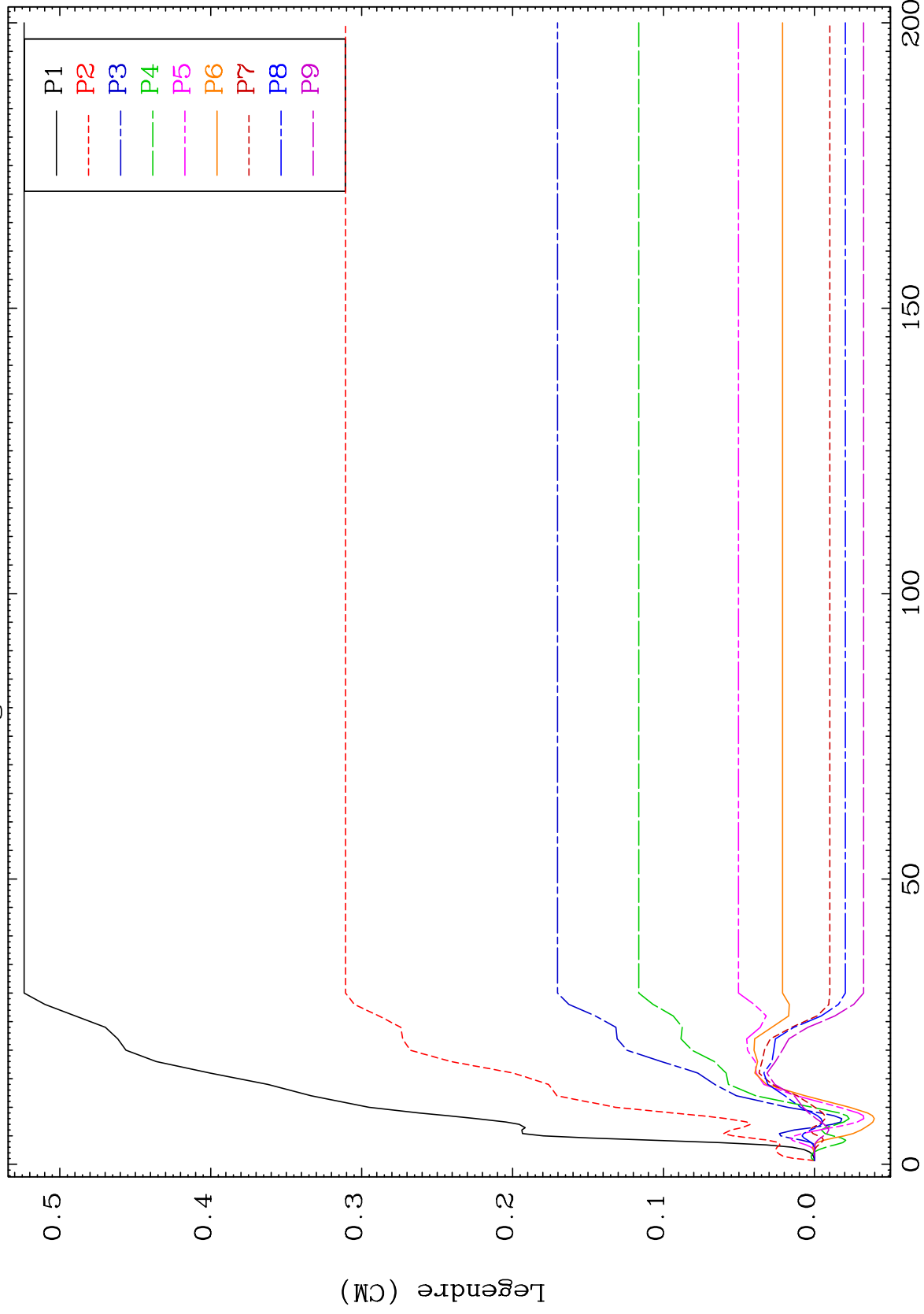
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



36

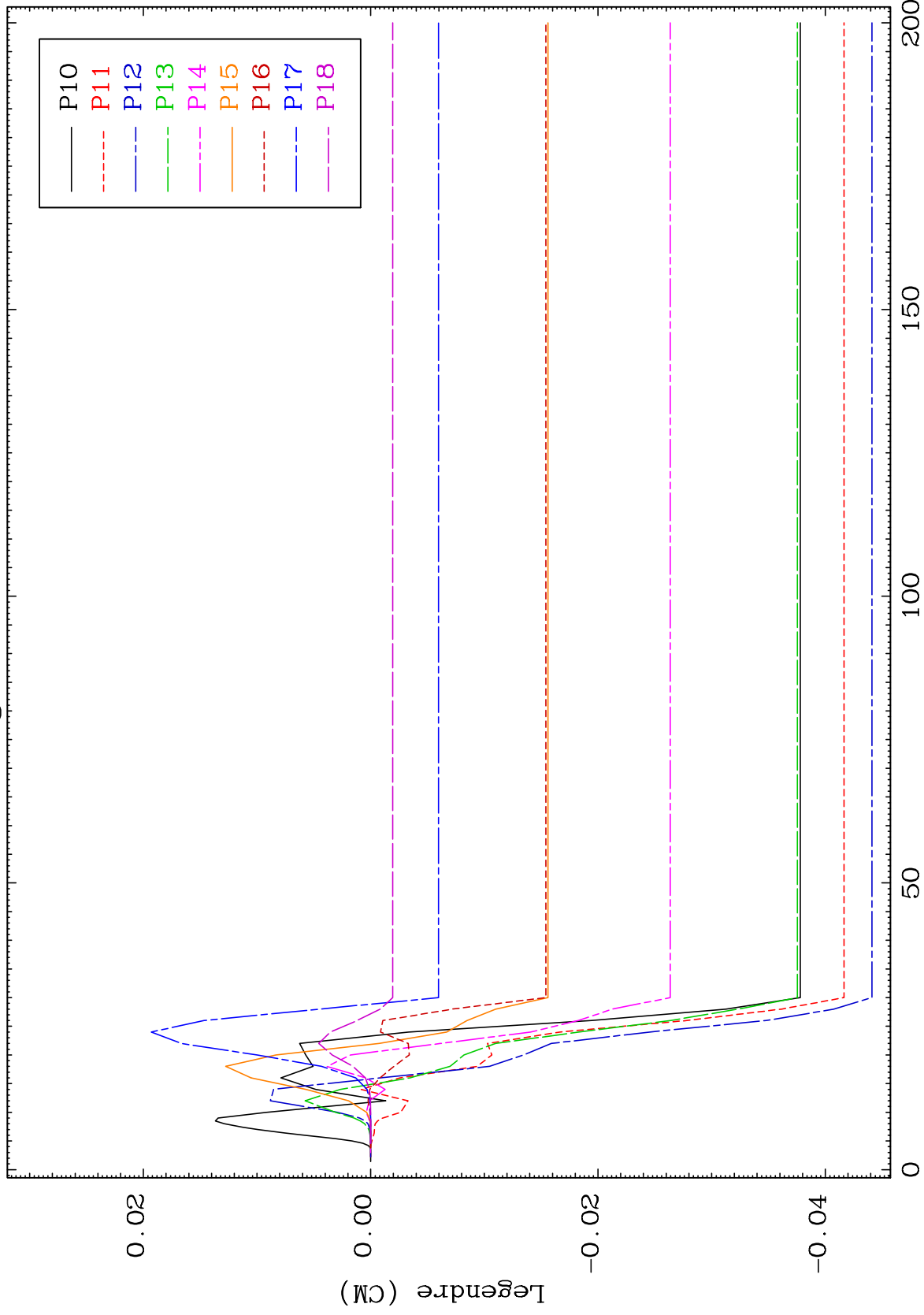
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



37

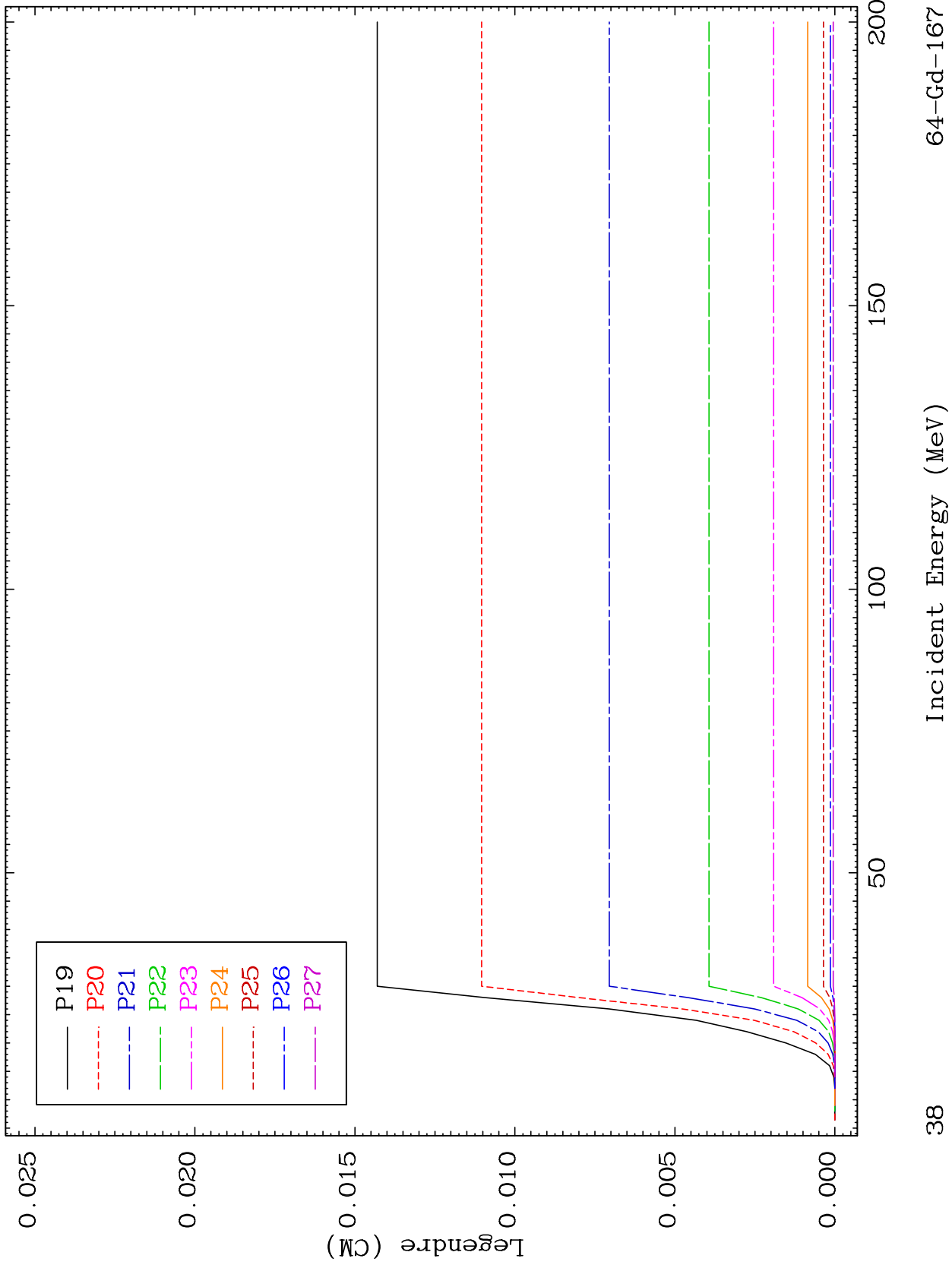
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

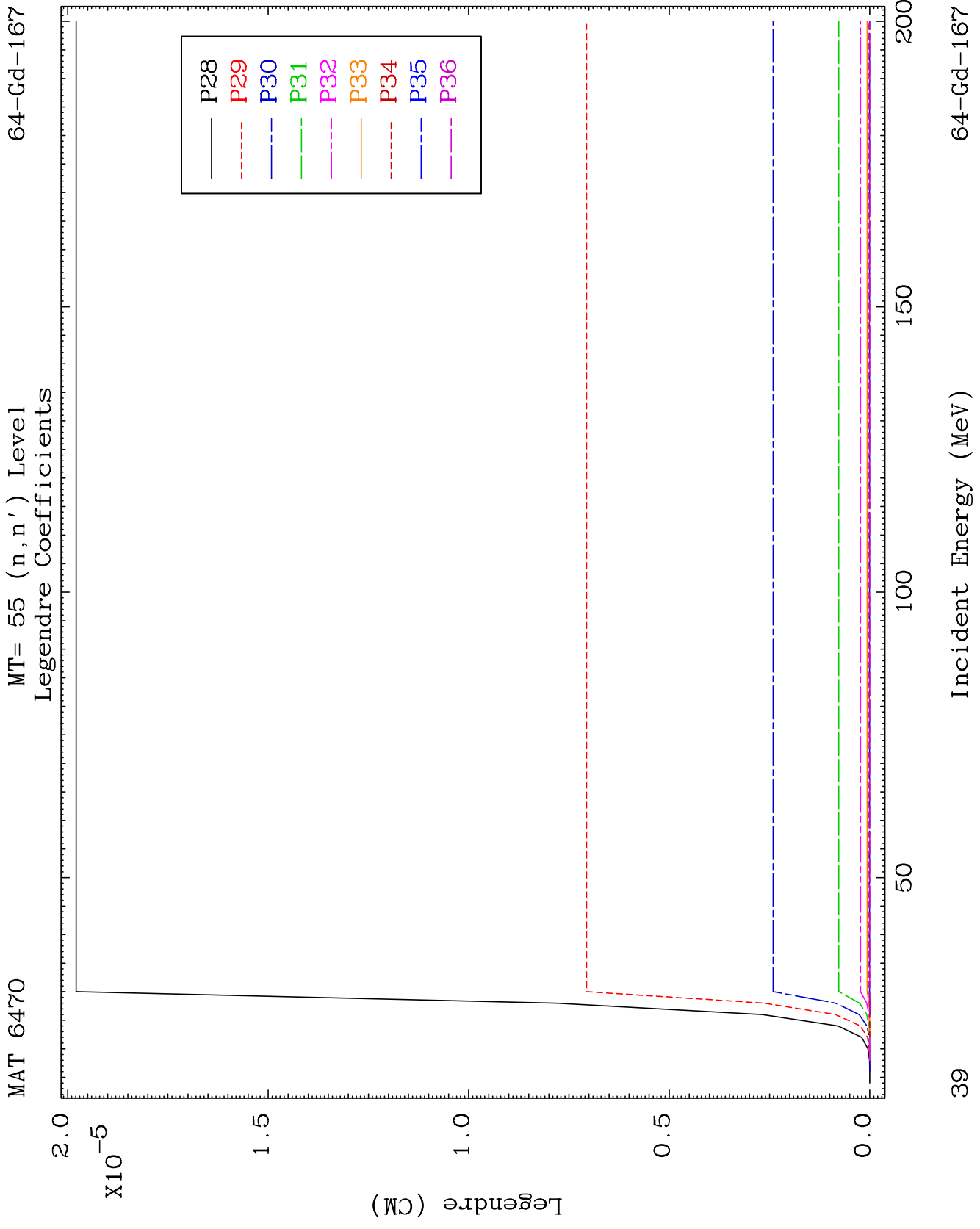
64-Gd-167



38

Incident Energy (MeV)

64-Gd-167

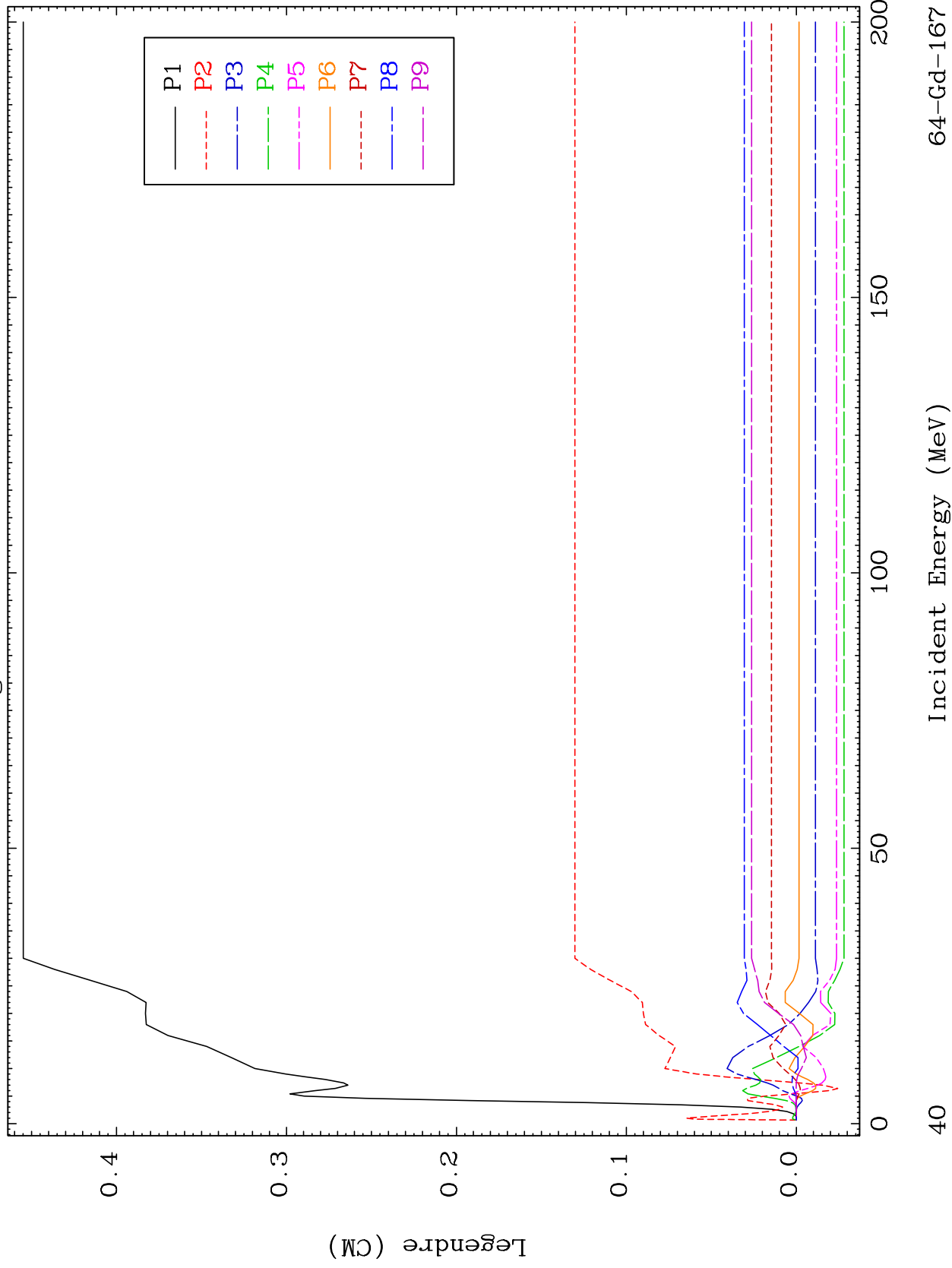




MAT 6470

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

64-Gd-167

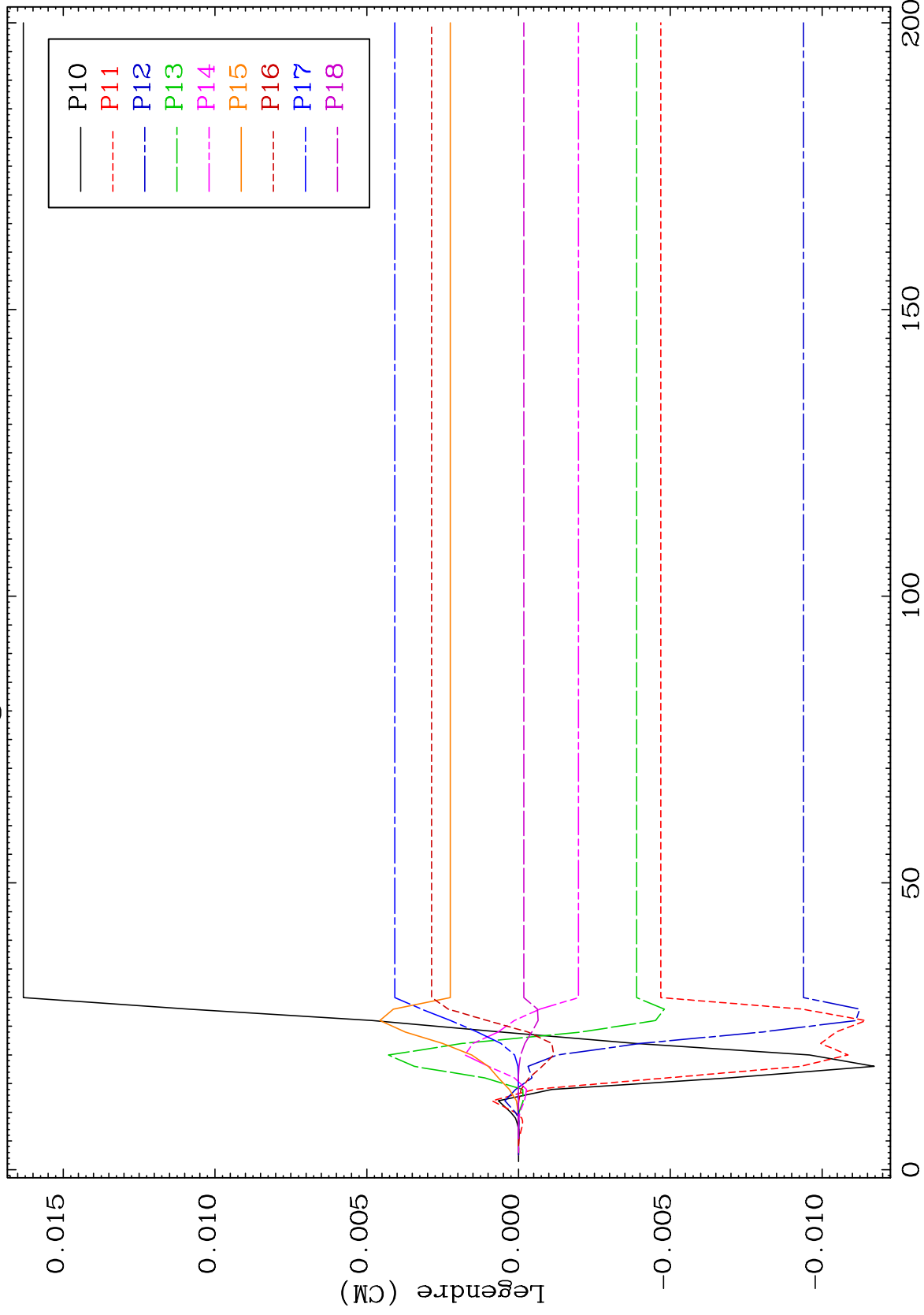


64-Gd-167

MAT 6470

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

64-Gd-167



41

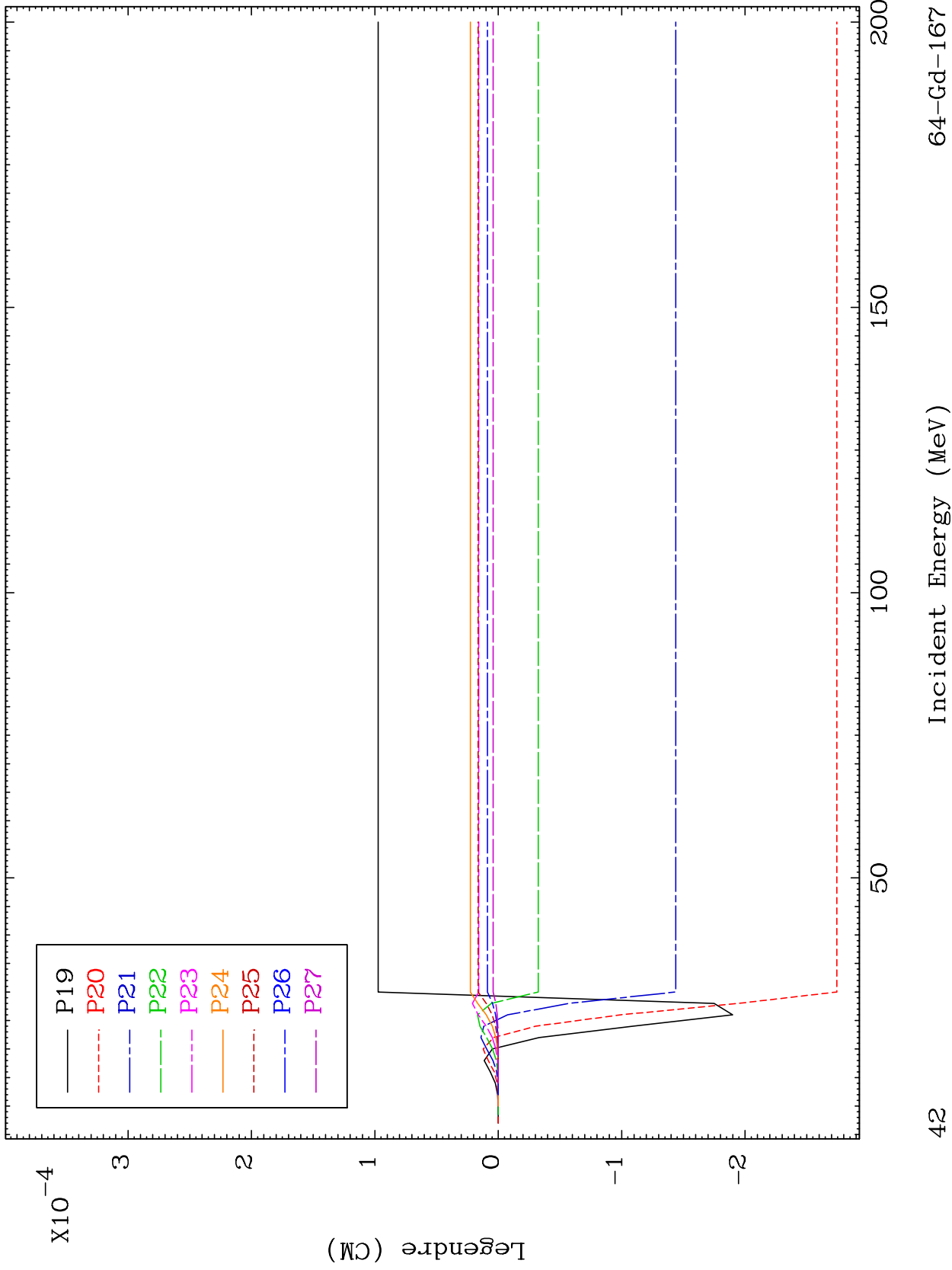
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

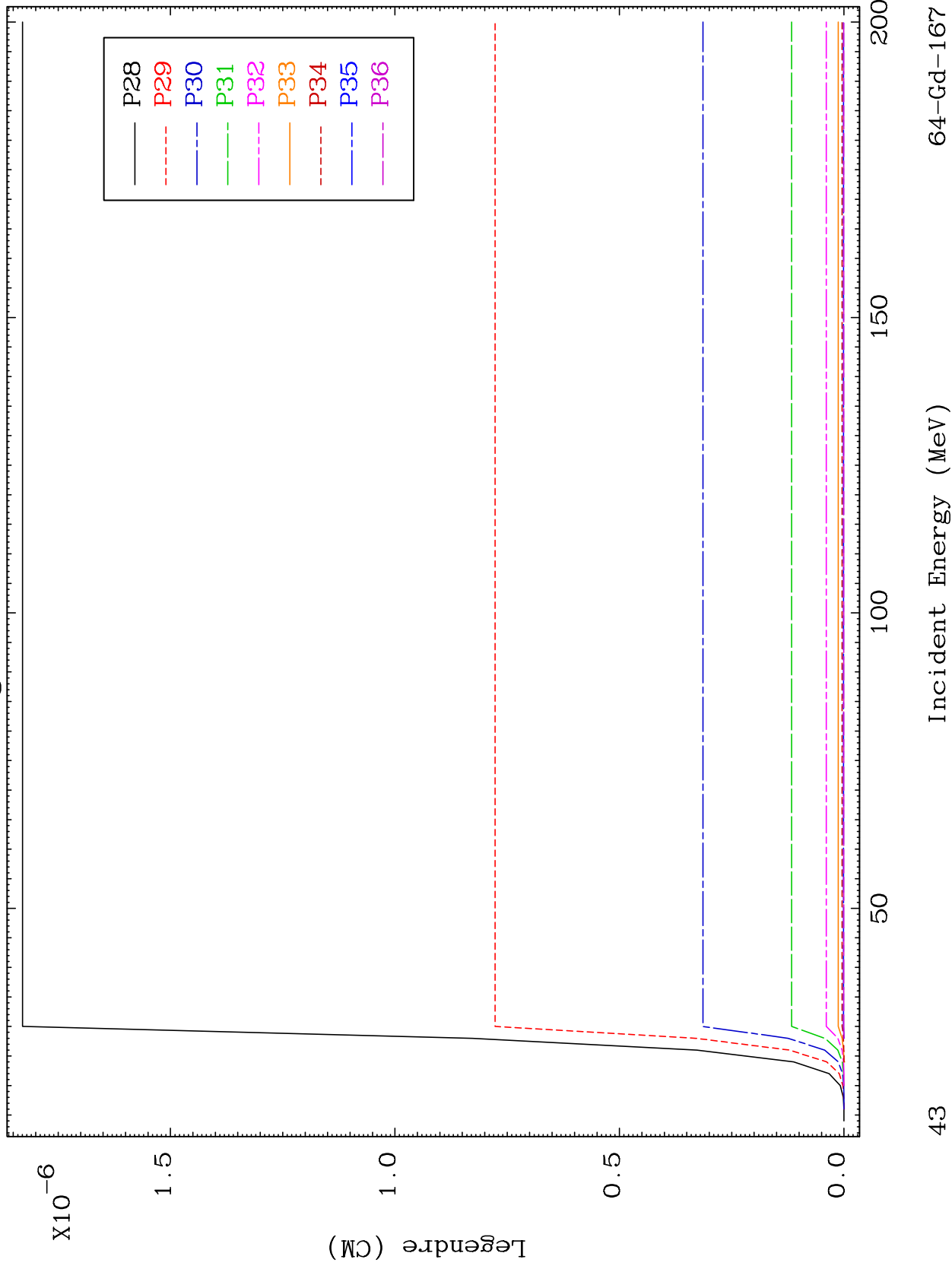
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MAT 6470

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

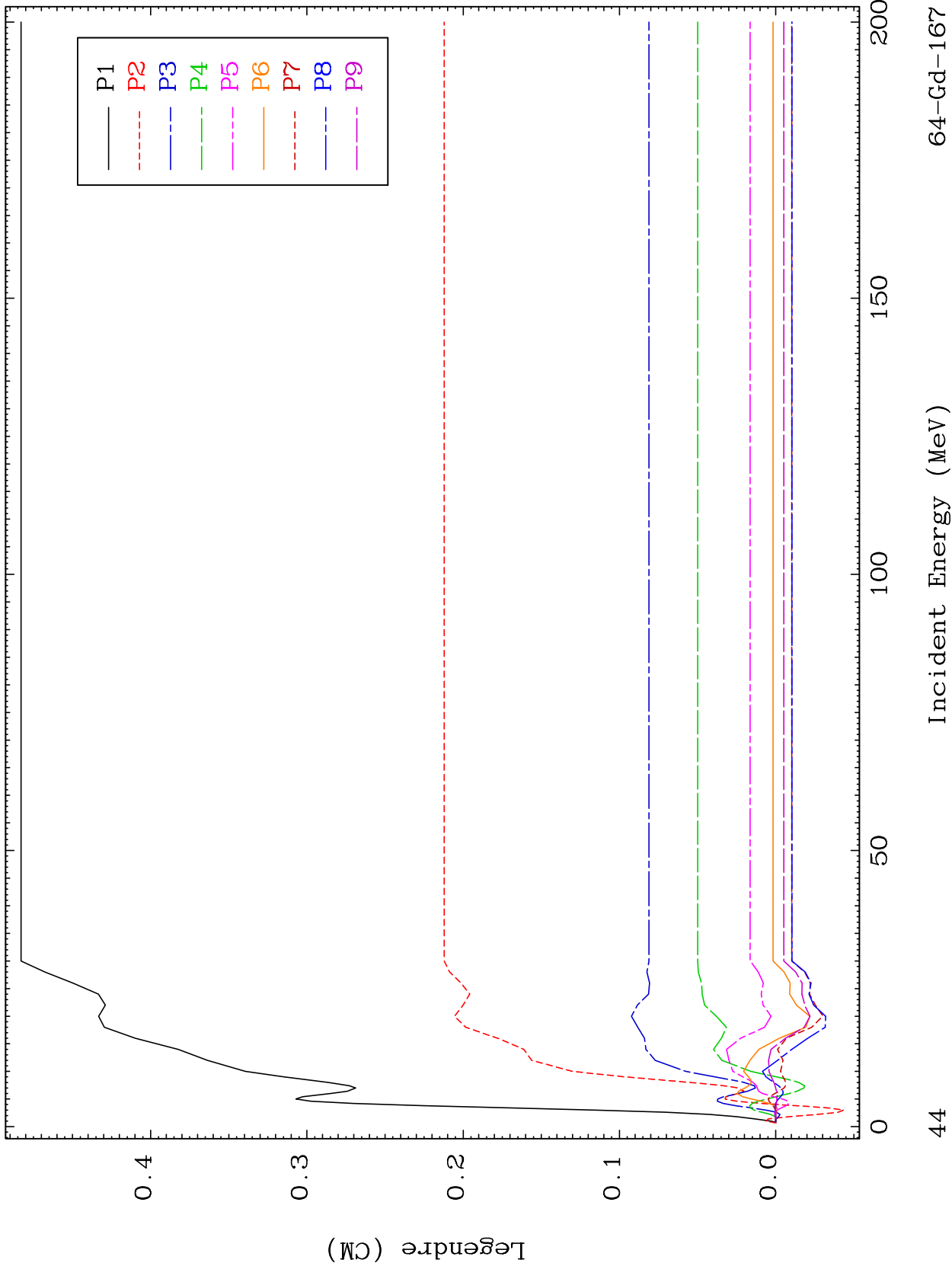
64-Gd-167



MAT 6470

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

64-Gd-167



64-Gd-167

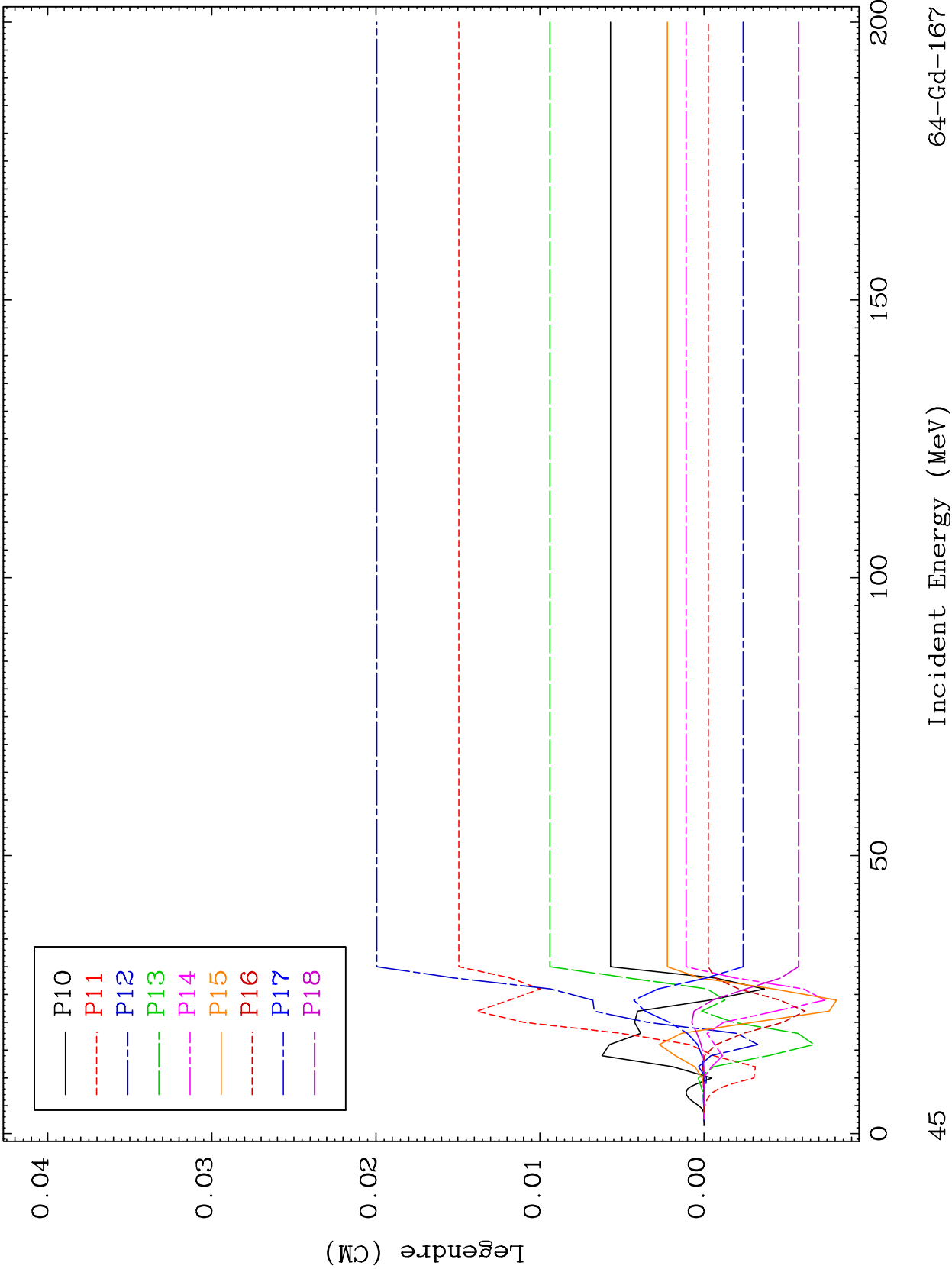
Incident Energy (MeV)

44

MAT 6470

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

64-Gd-167



64-Gd-167

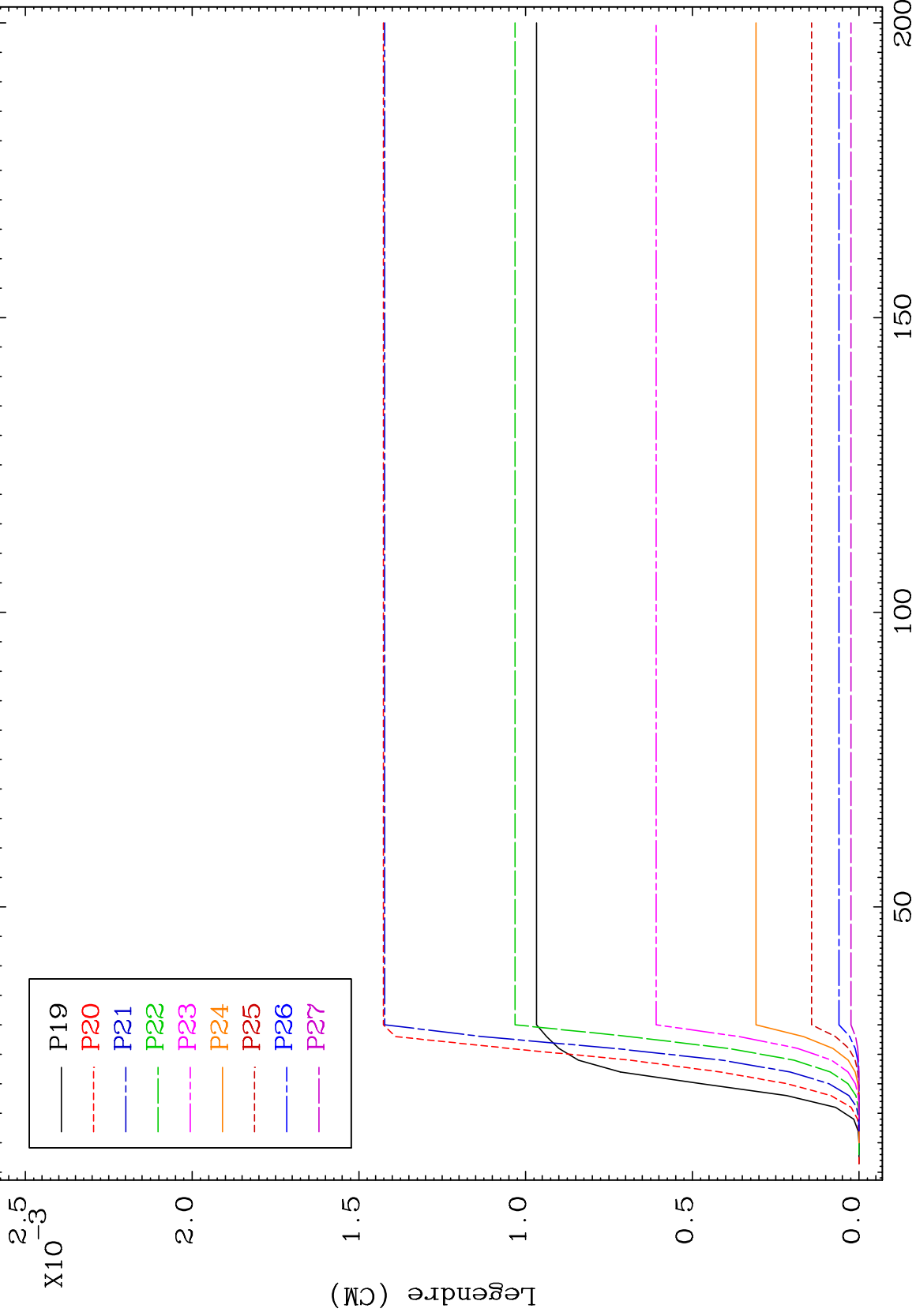
Incident Energy (MeV)

45

MAT 6470

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

64-Gd-167



46

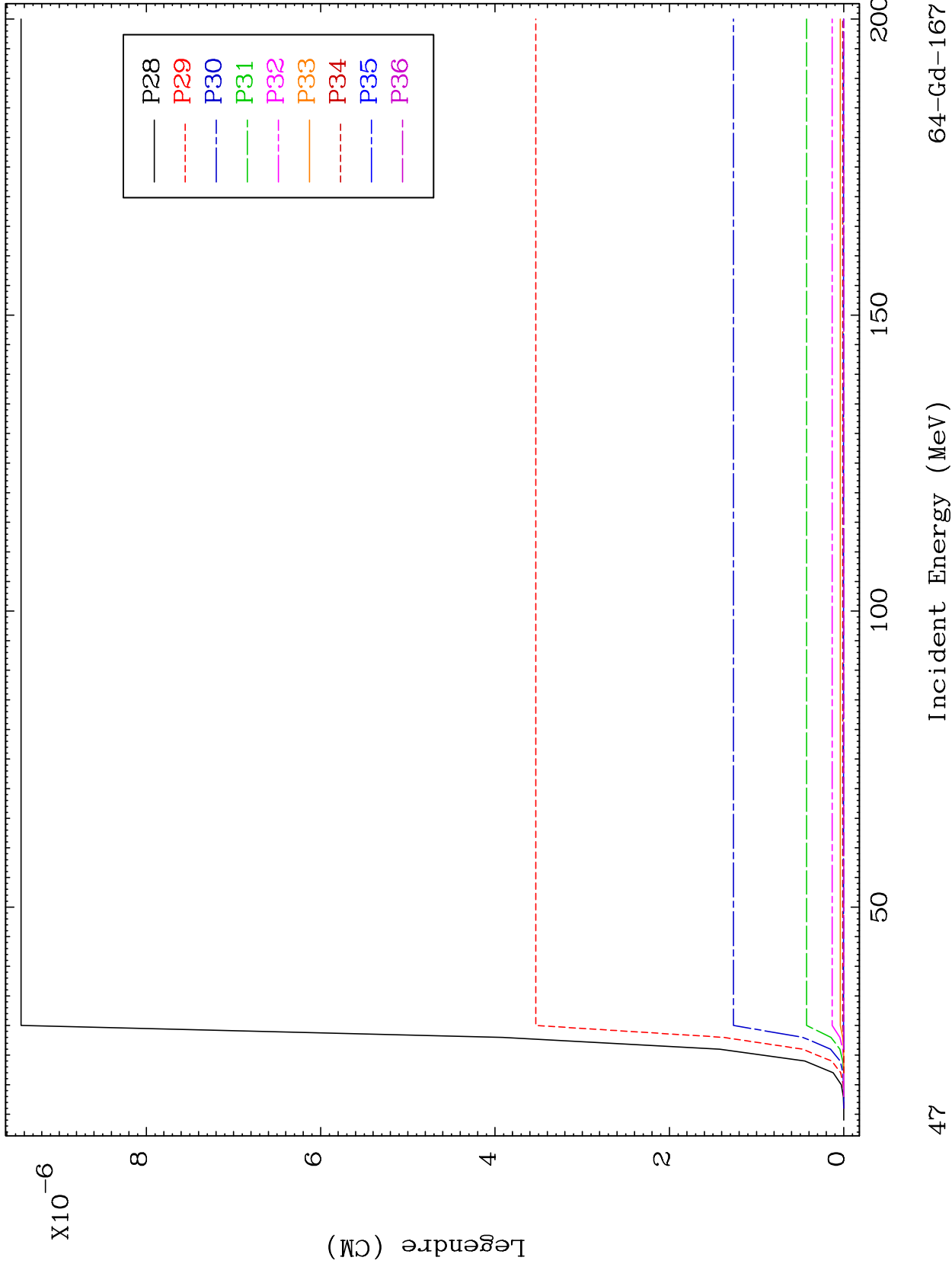
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167

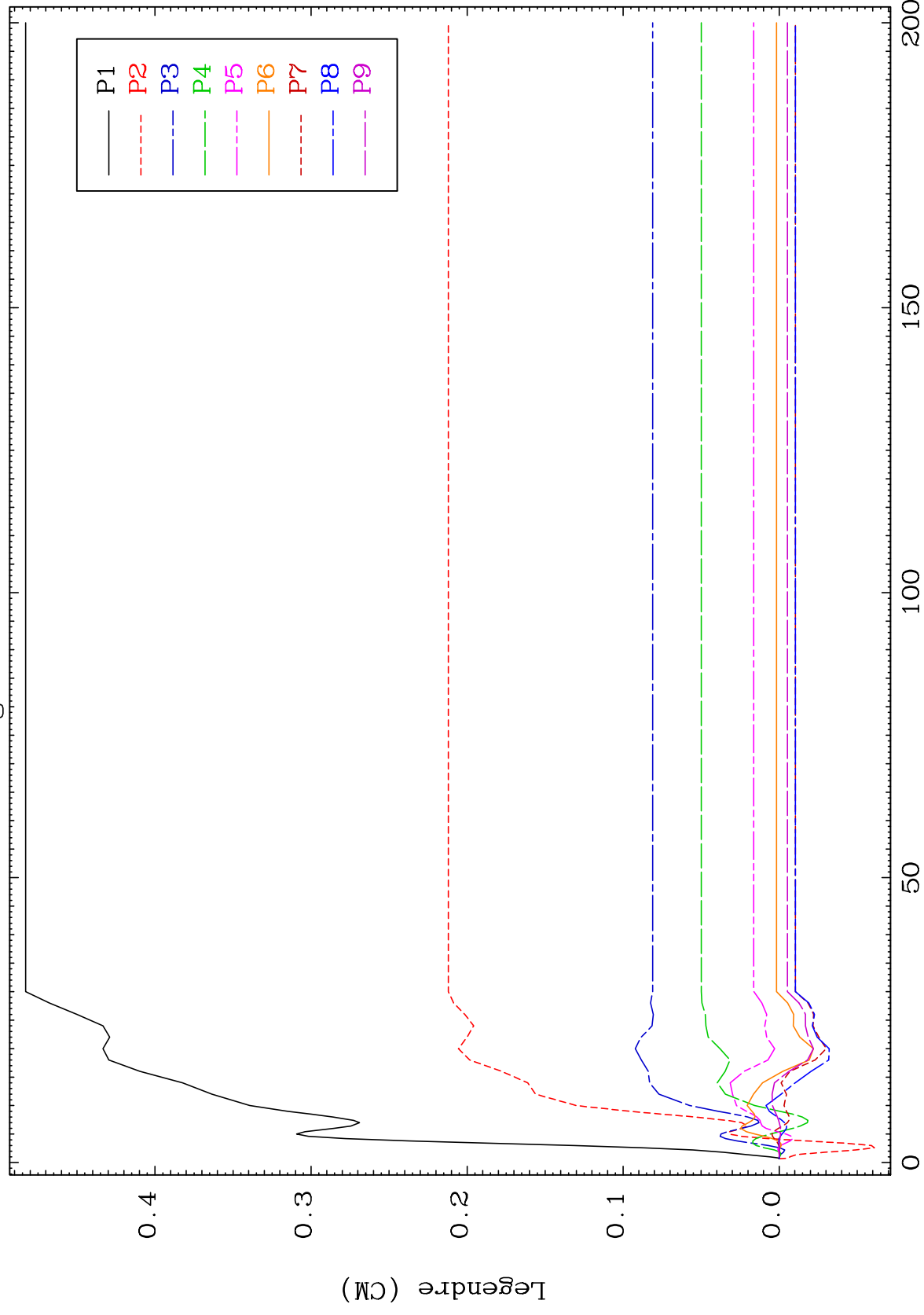




MAT 6470

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

64-Gd-167



48

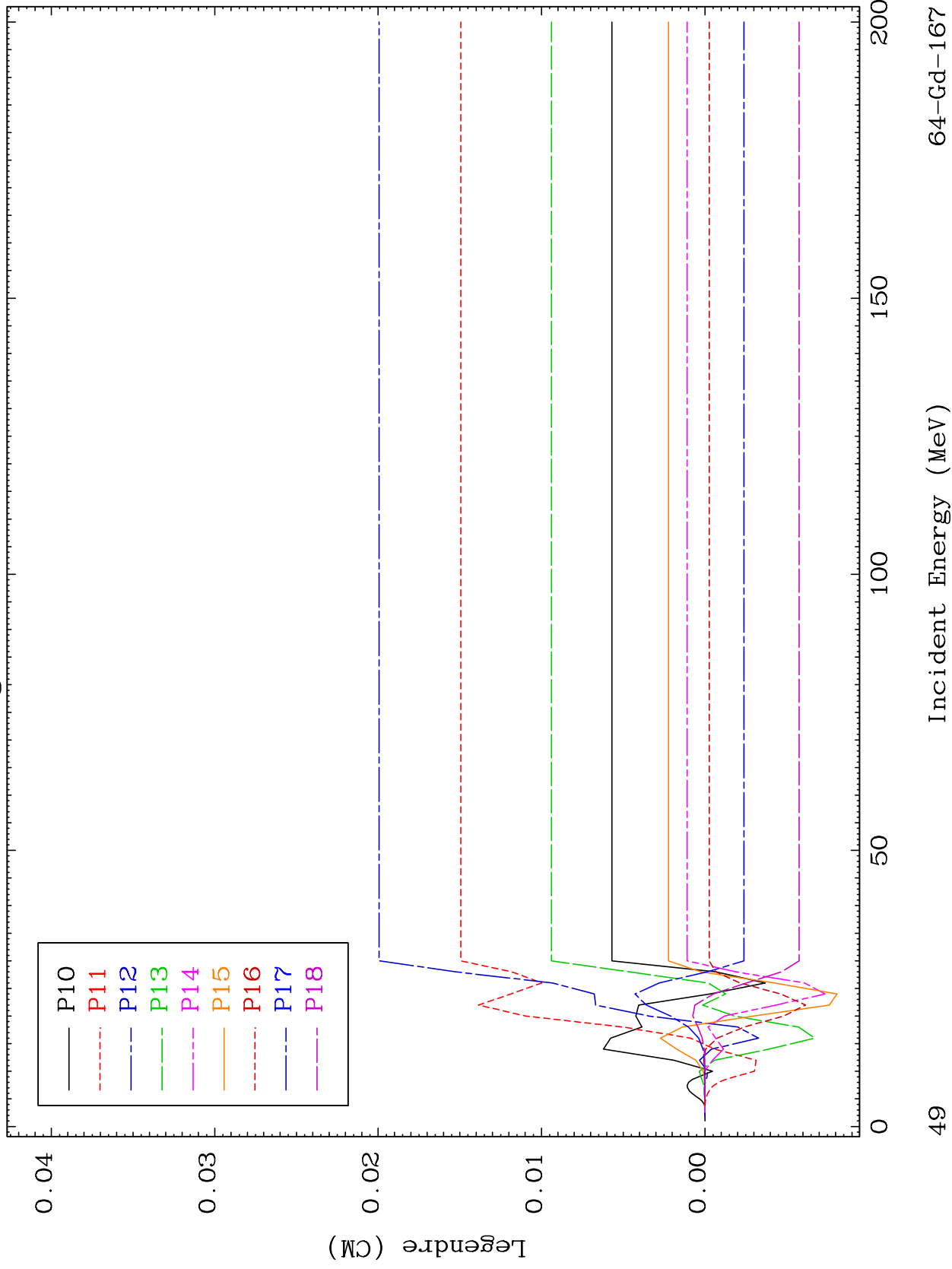
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



49

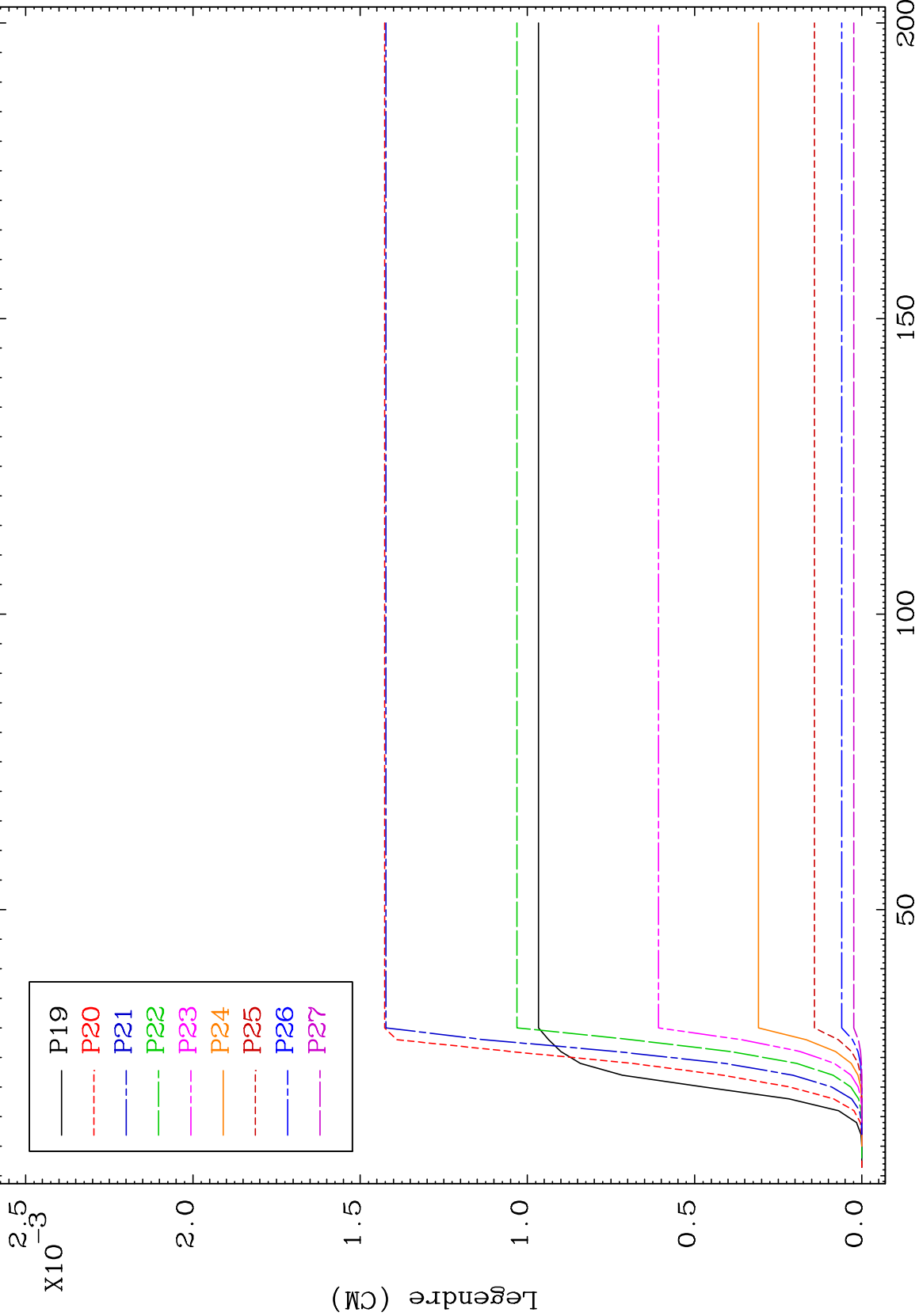
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



50

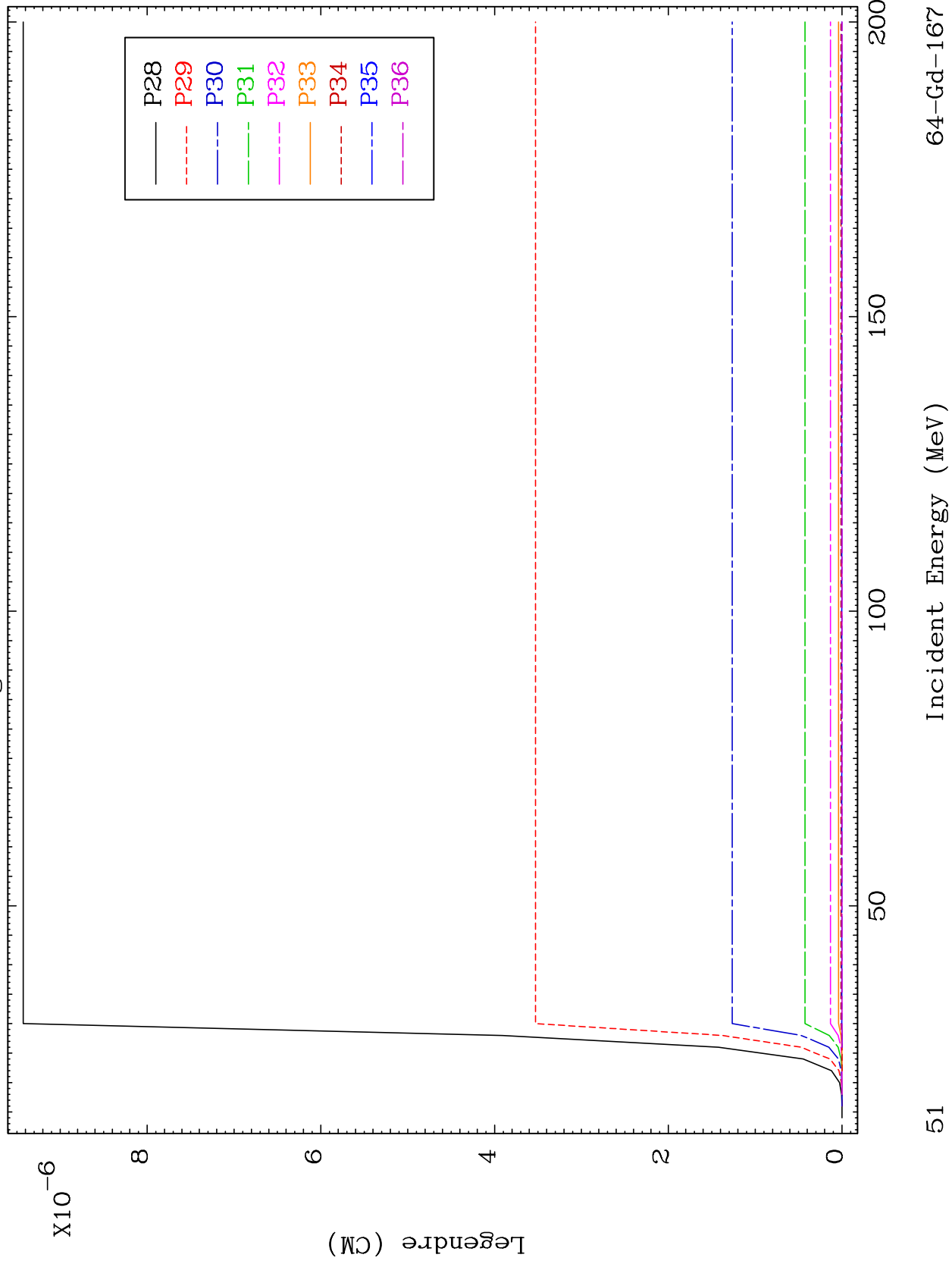
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



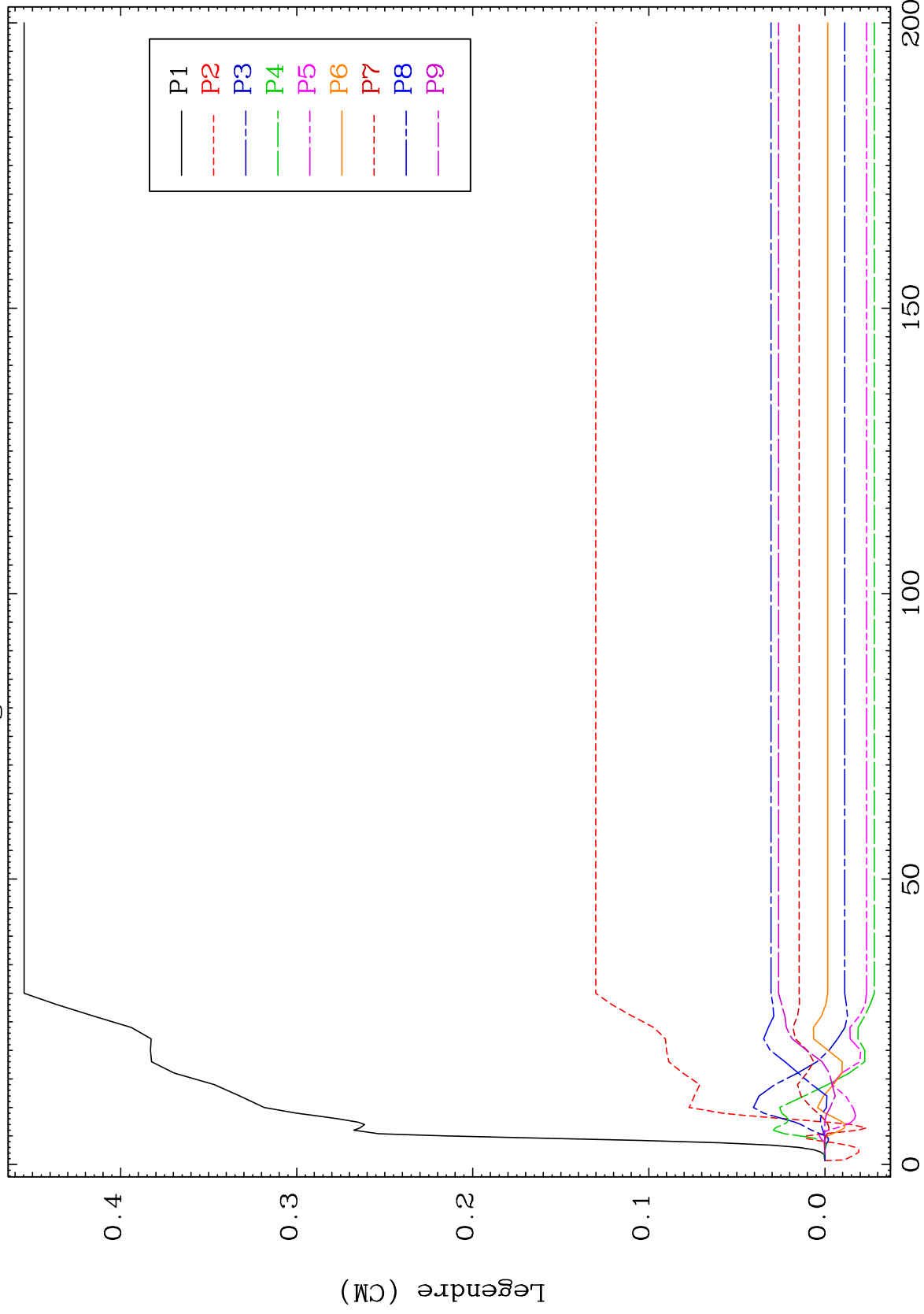
51

64-Gd-167

MAT 6470

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

64-Gd-167



64-Gd-167

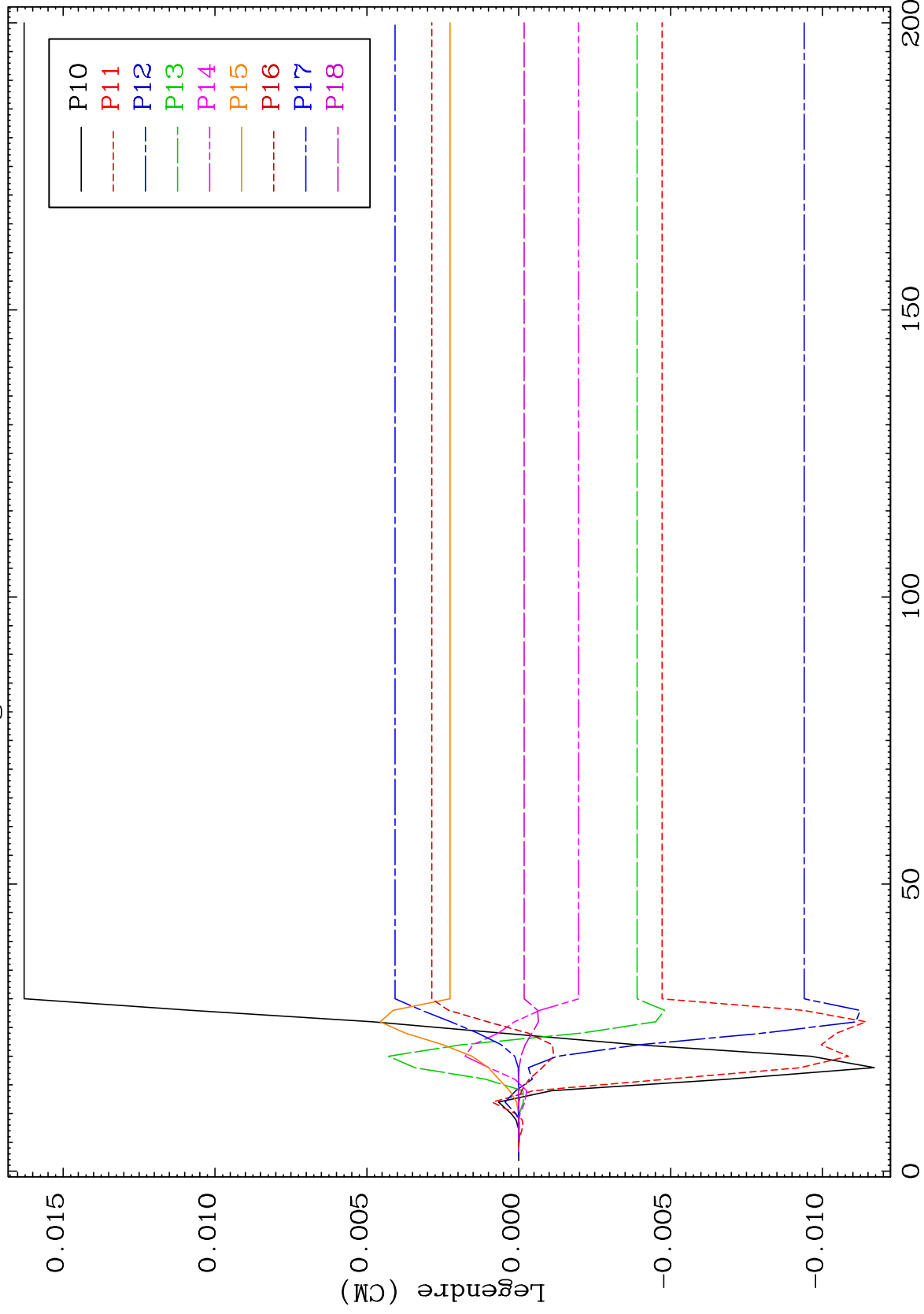
Incident Energy (MeV)

52

MAT 6470

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

64-Gd-167



53

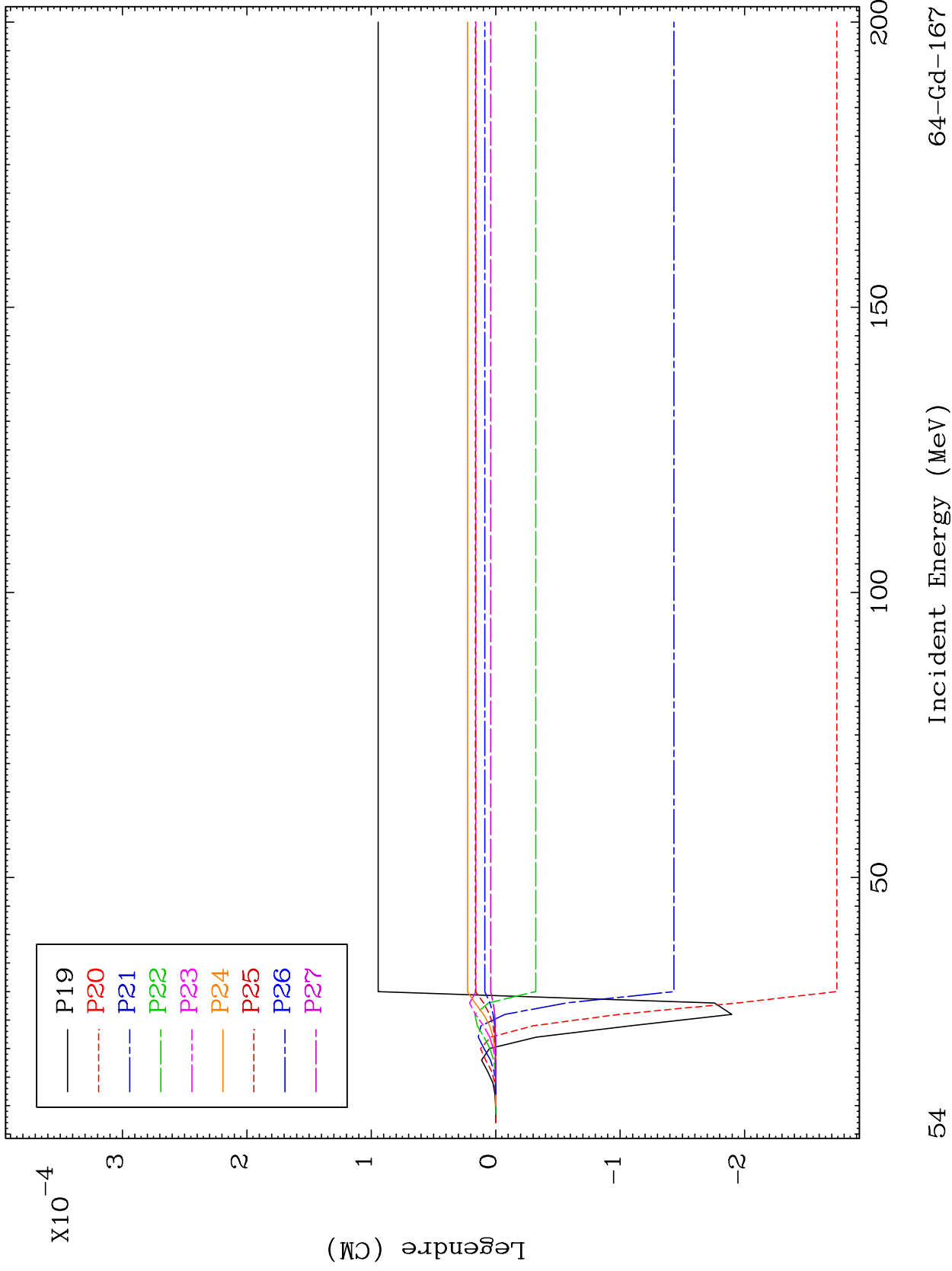
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



54

Incident Energy (MeV)

64-Gd-167

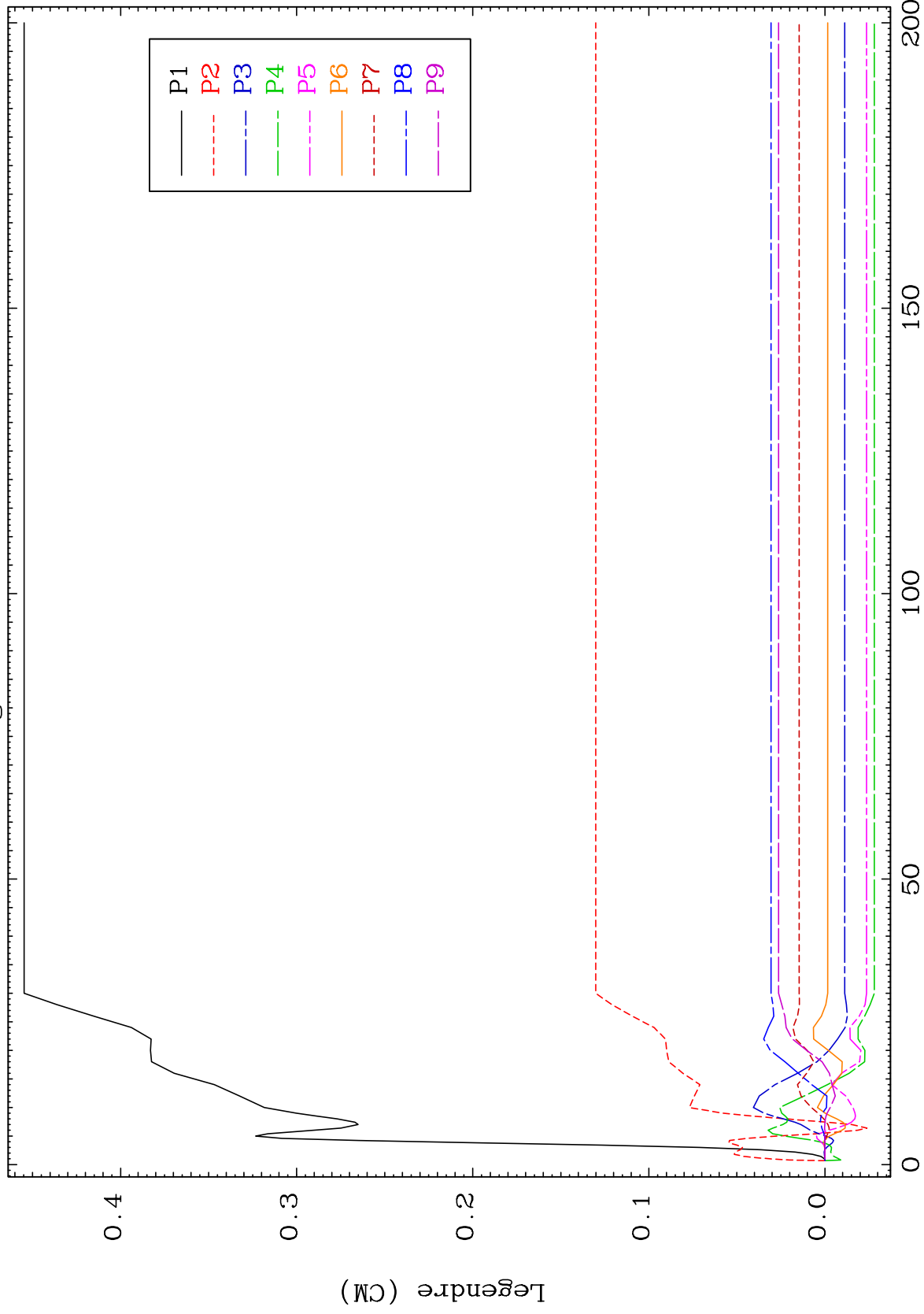




MAT 6470

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

64-Gd-167



56

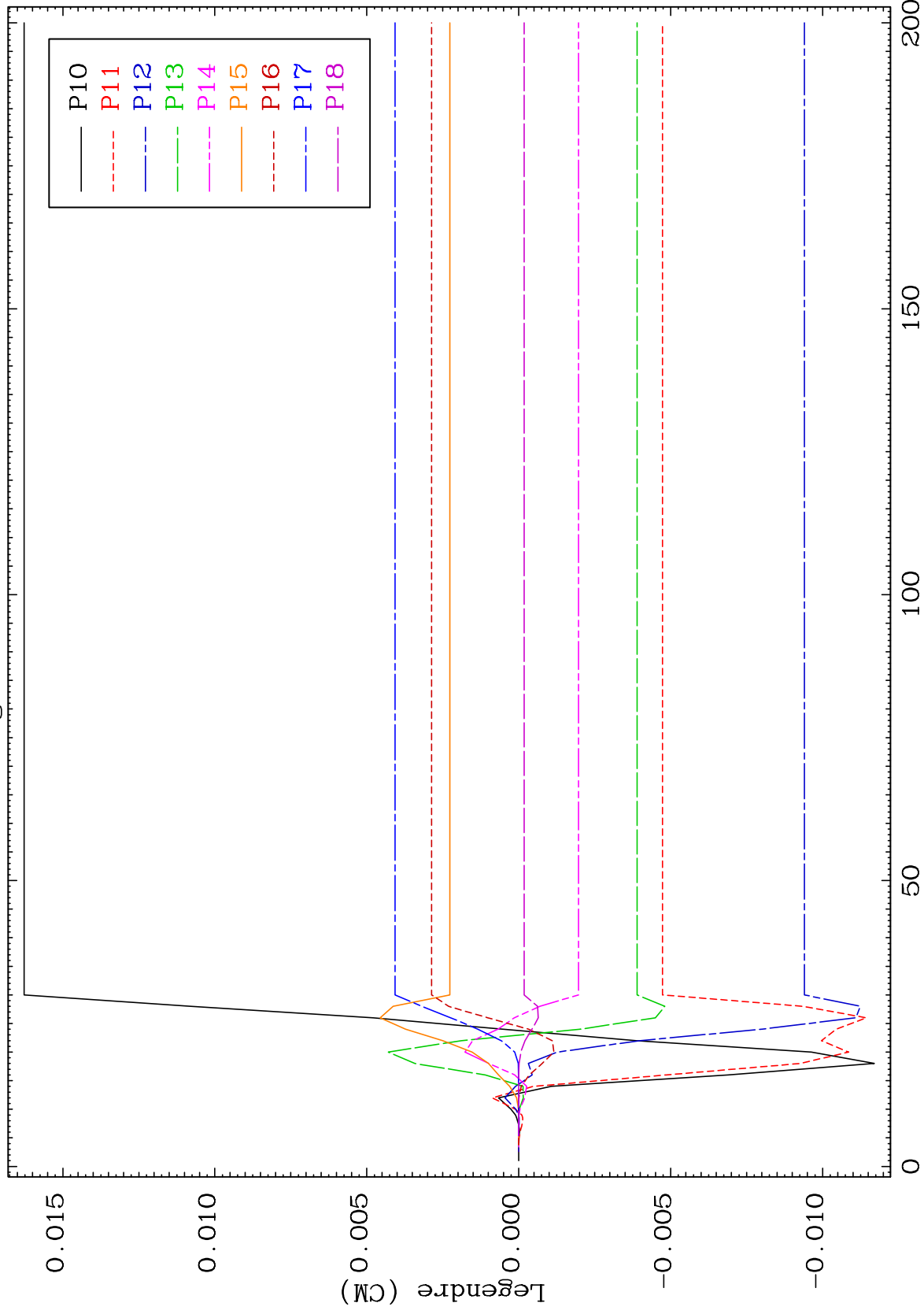
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

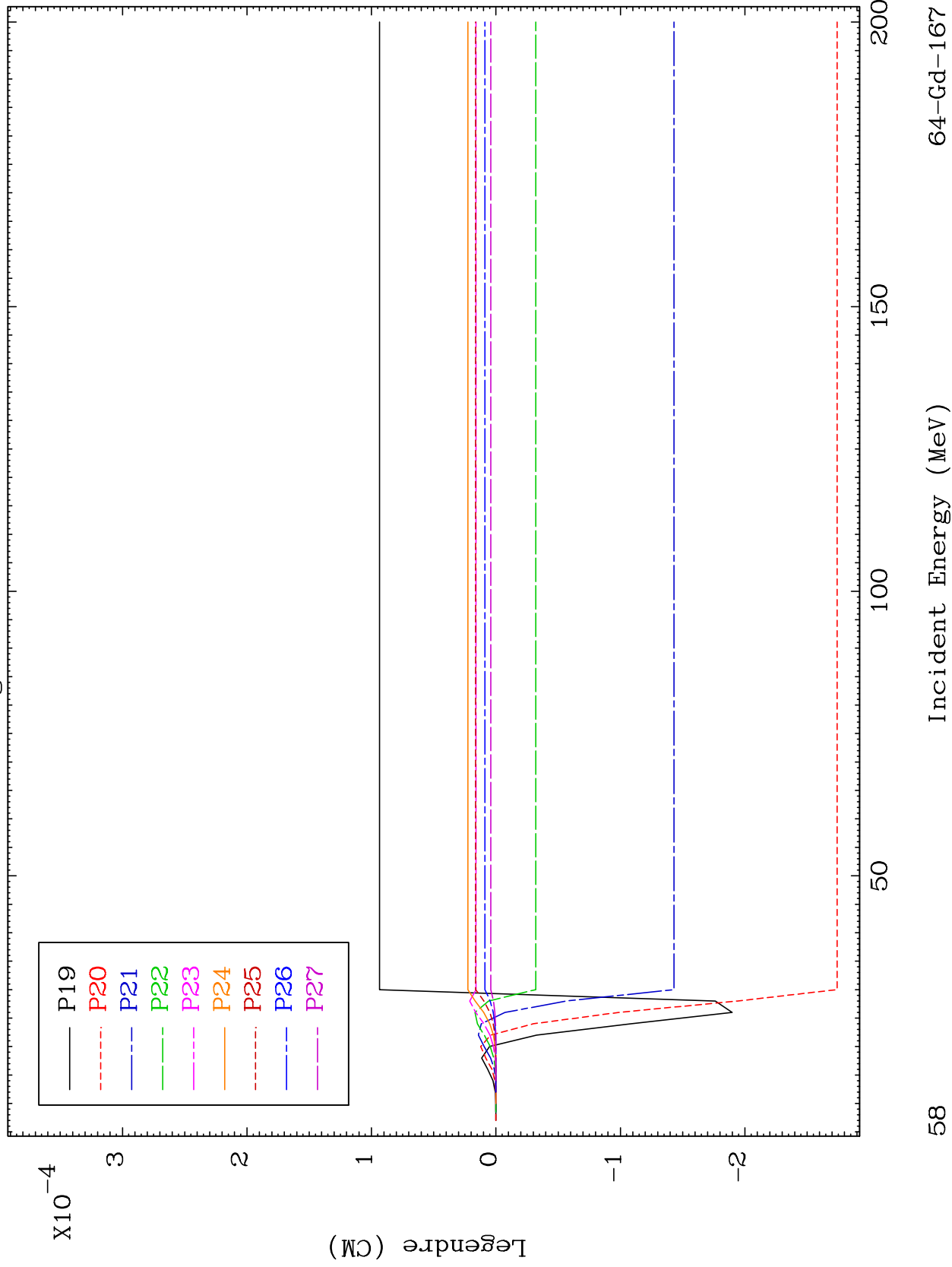
64-Gd-167



57

Incident Energy (MeV)

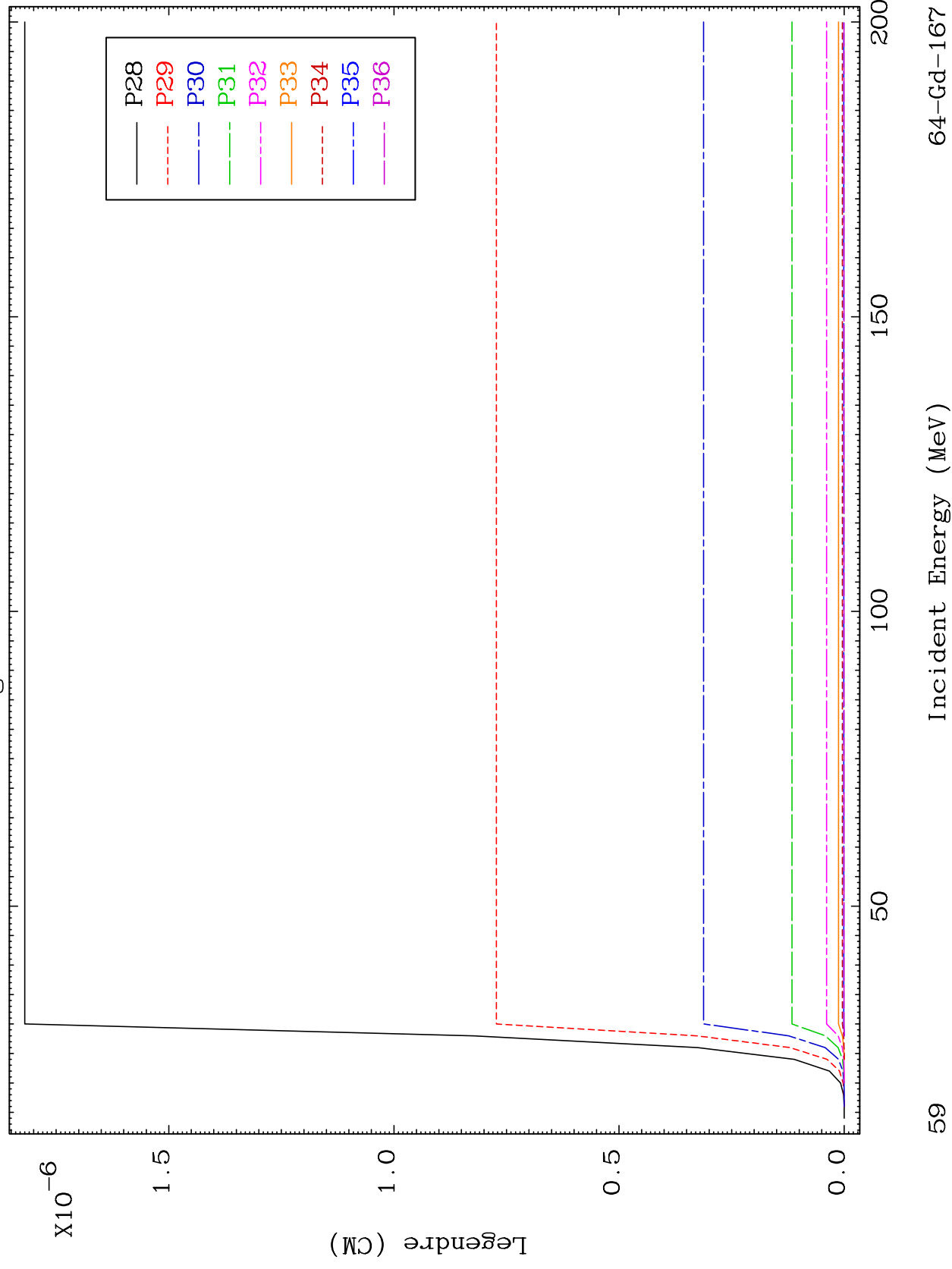
64-Gd-167



MAT 6470

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

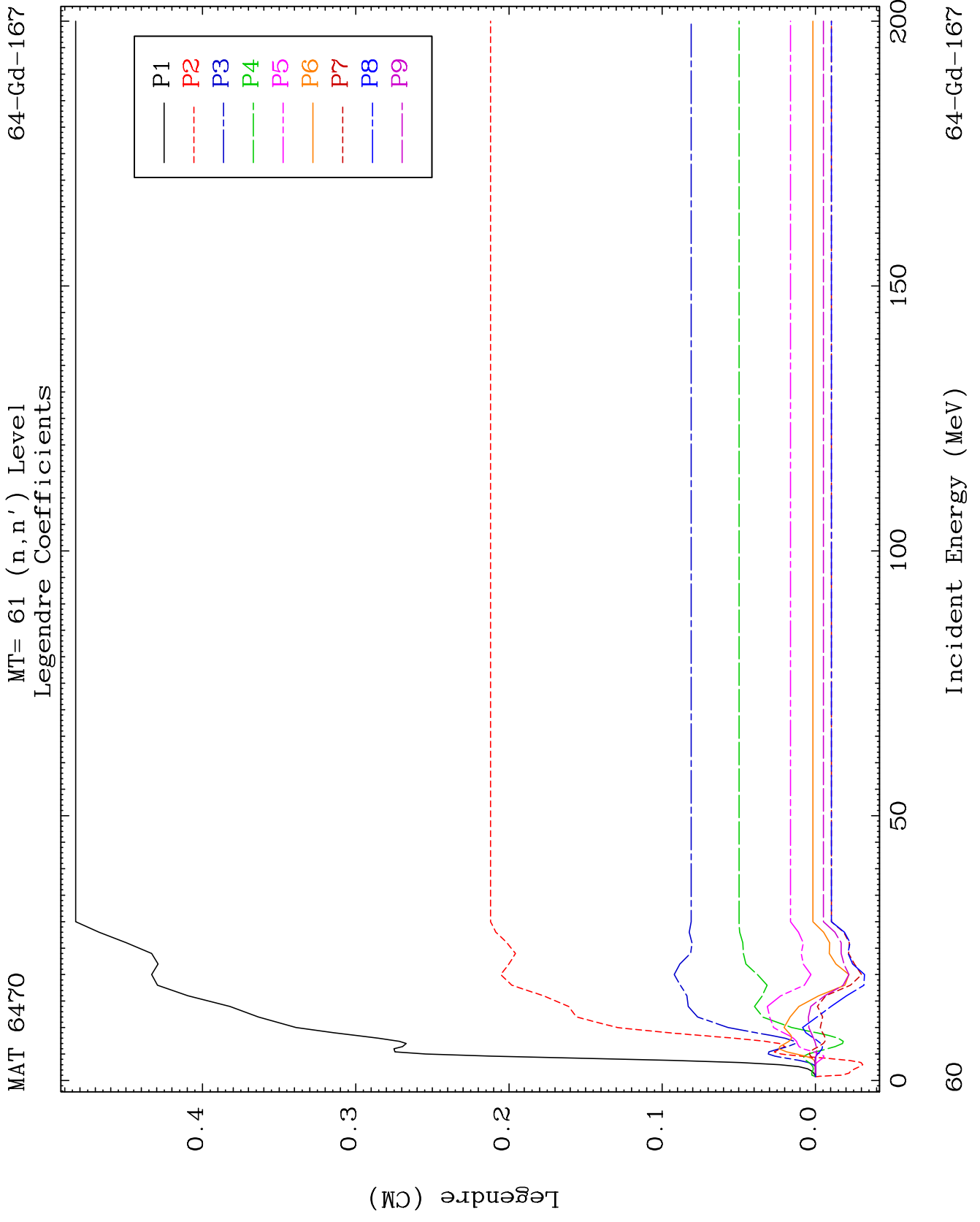
64-Gd-167



59

Incident Energy (MeV)

64-Gd-167

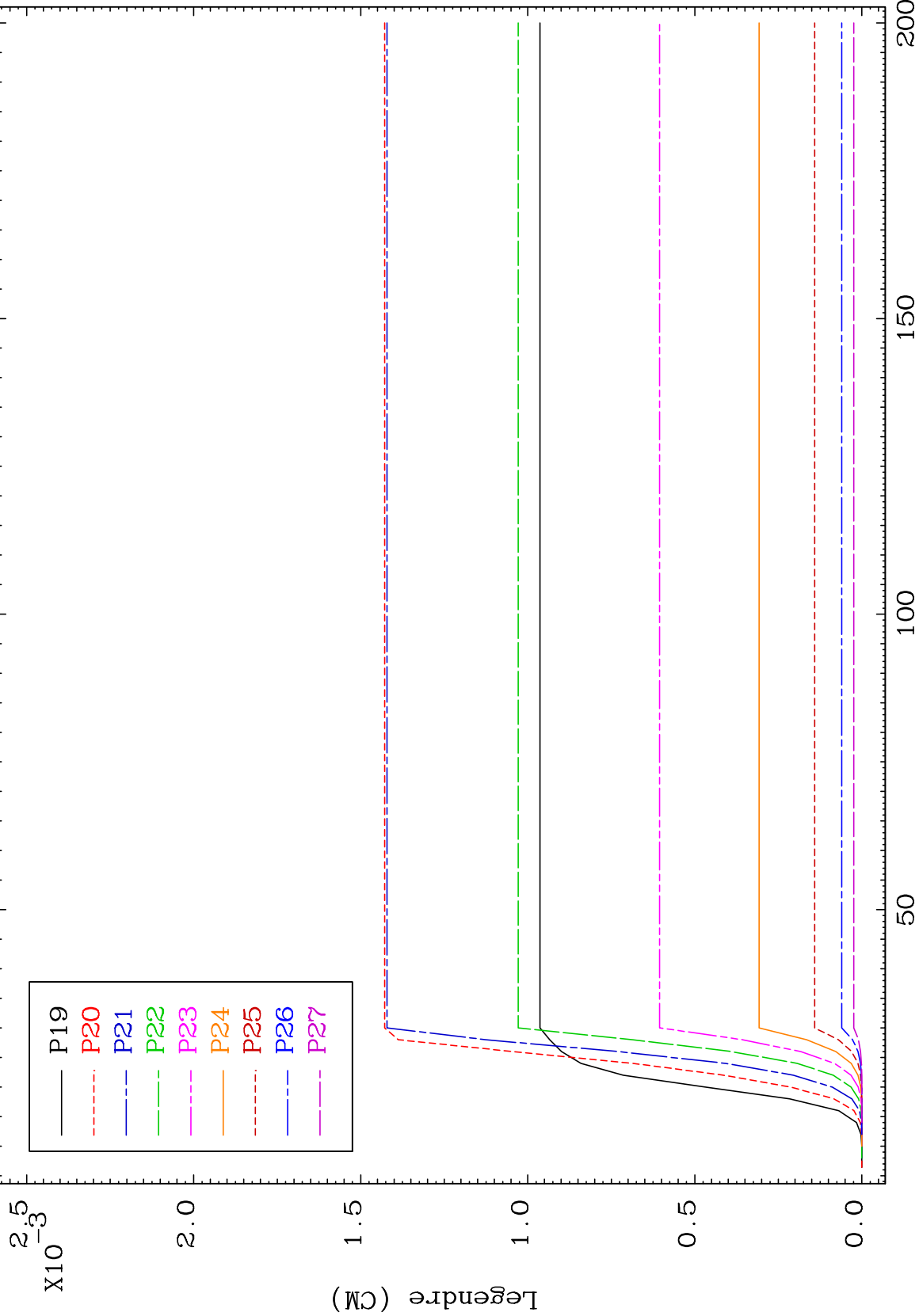




MAT 6470

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

64-Gd-167



62

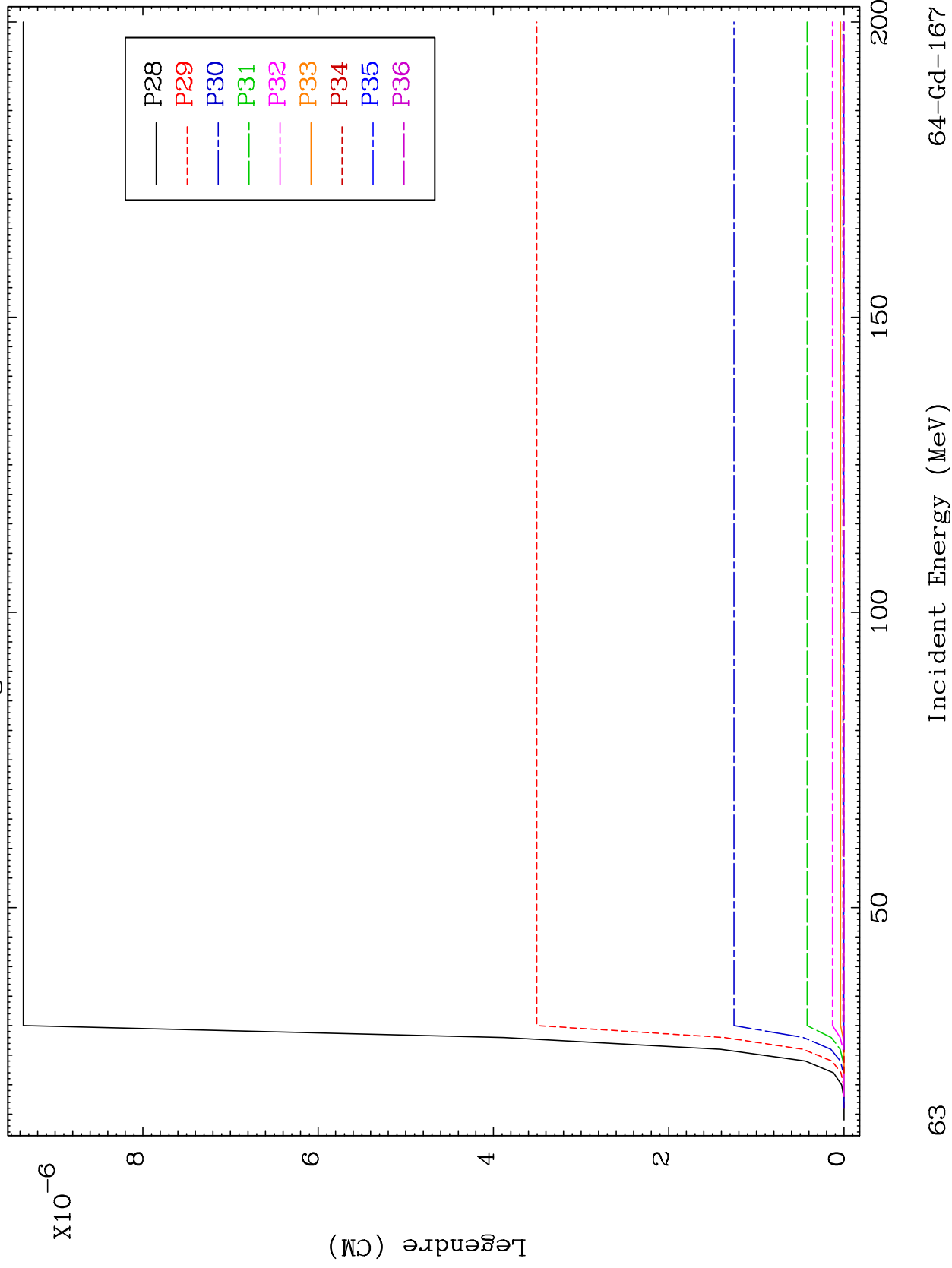
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



63

64-Gd-167

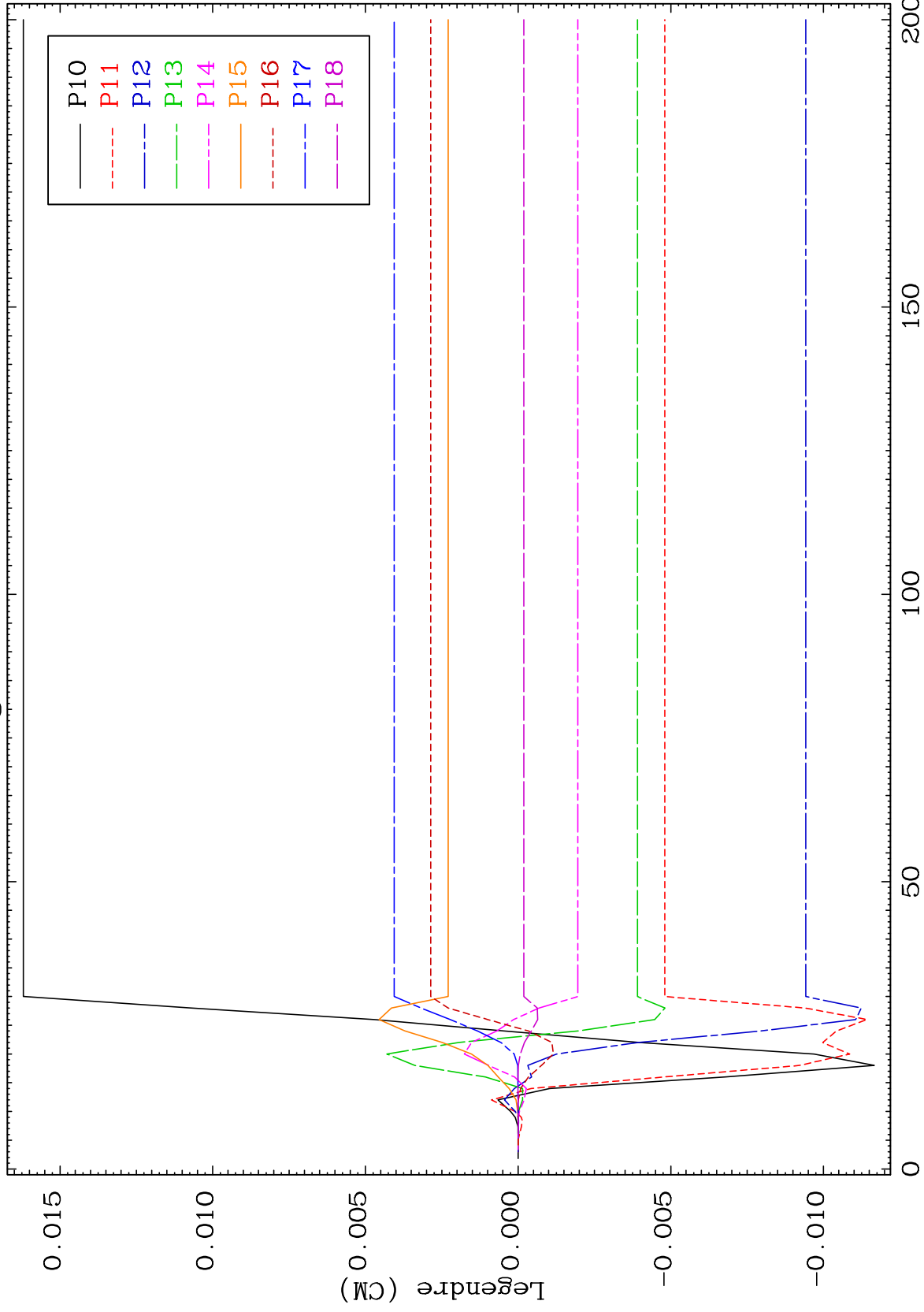




MAT 6470

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

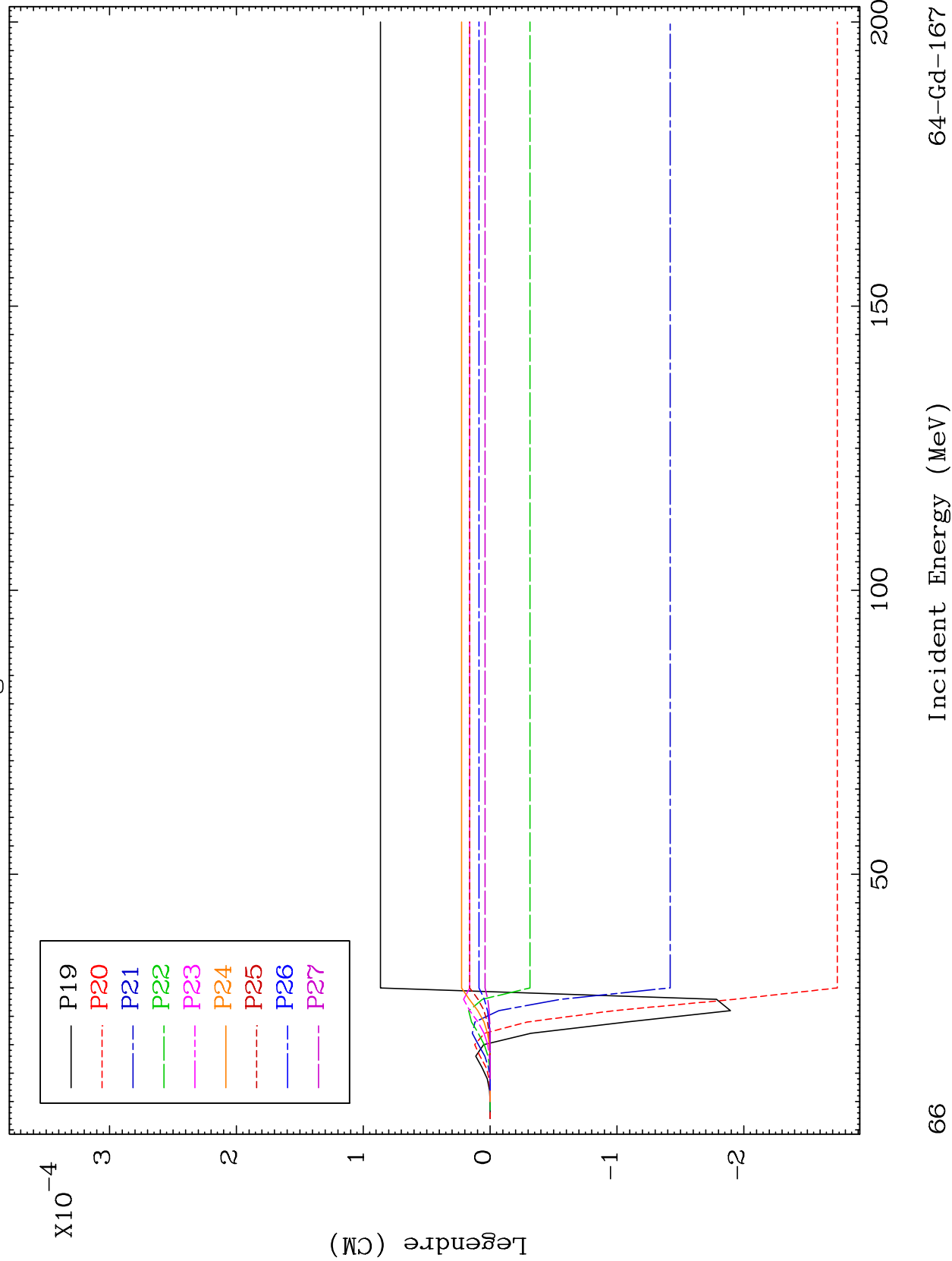
64-Gd-167



65

Incident Energy (MeV)

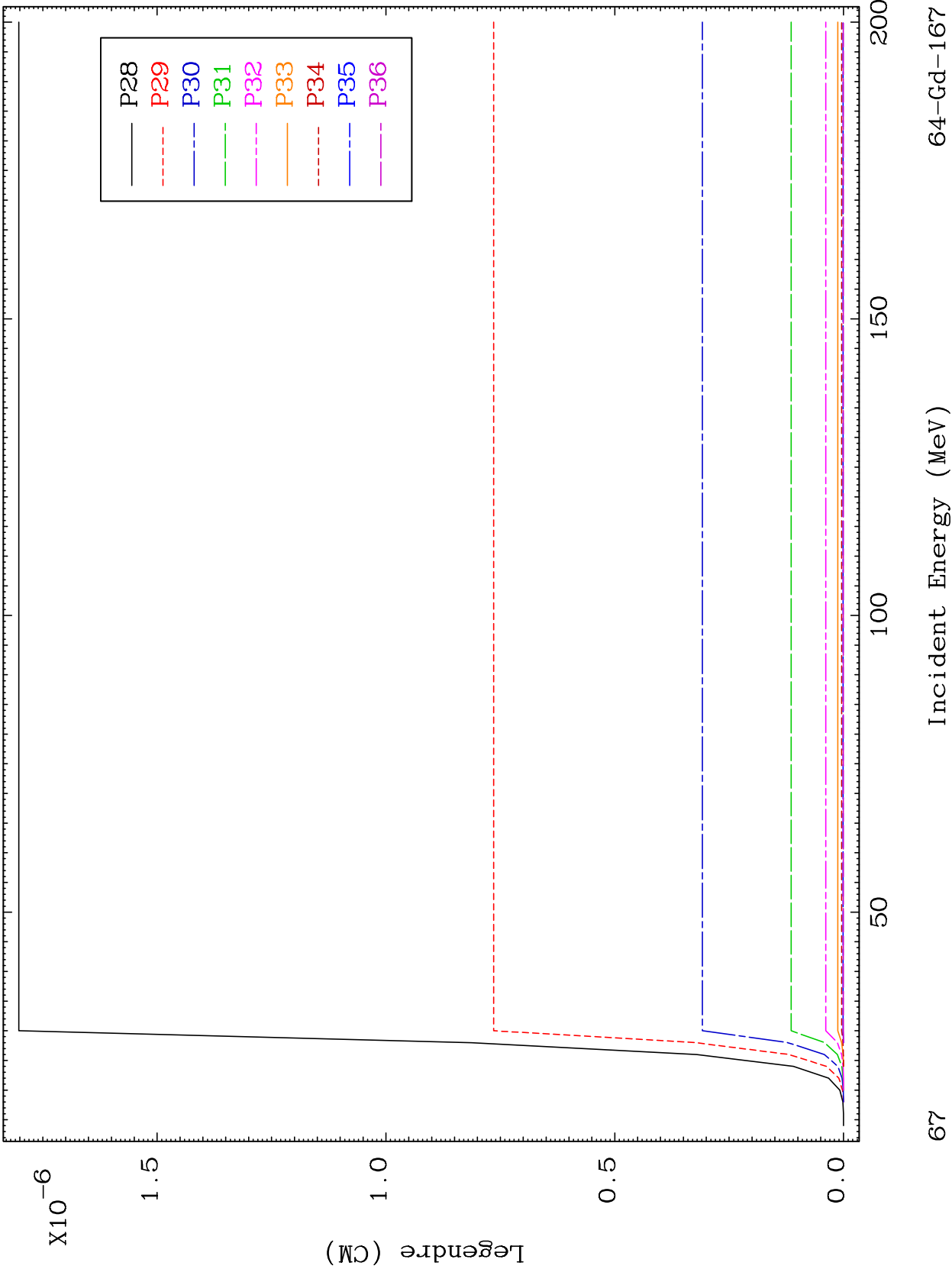
64-Gd-167



MAT 6470

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

64-Gd-167



67

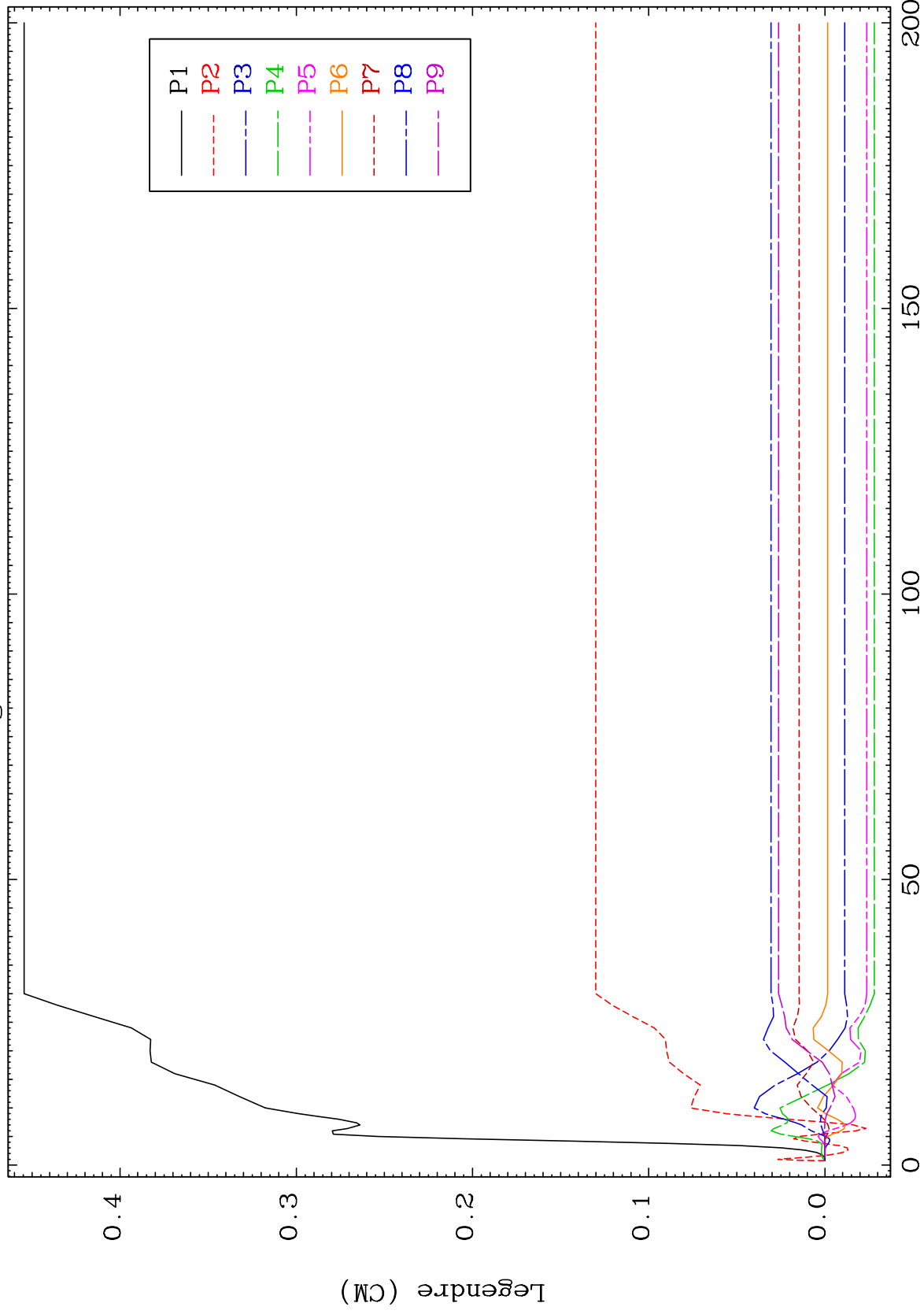
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



68

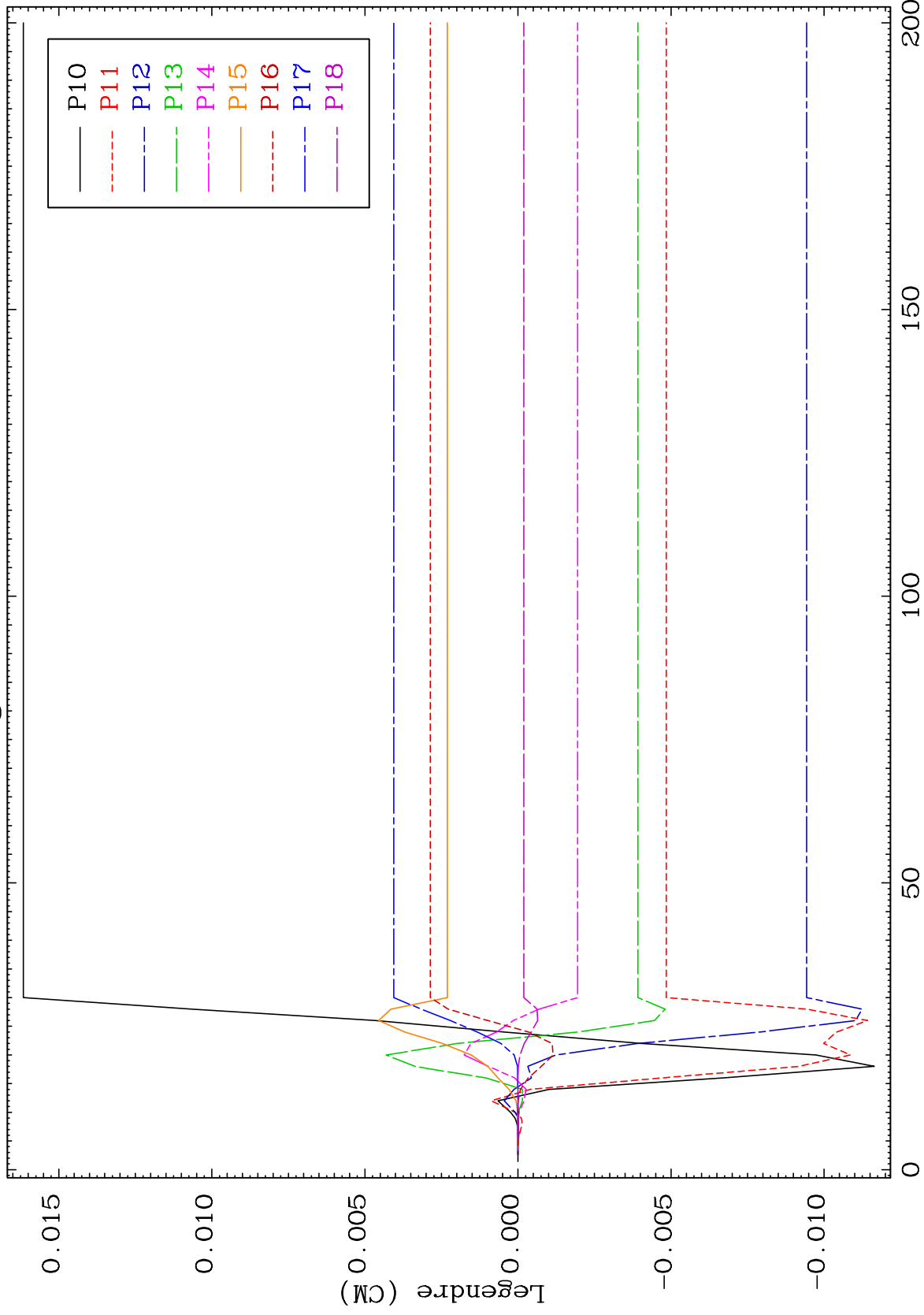
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



69

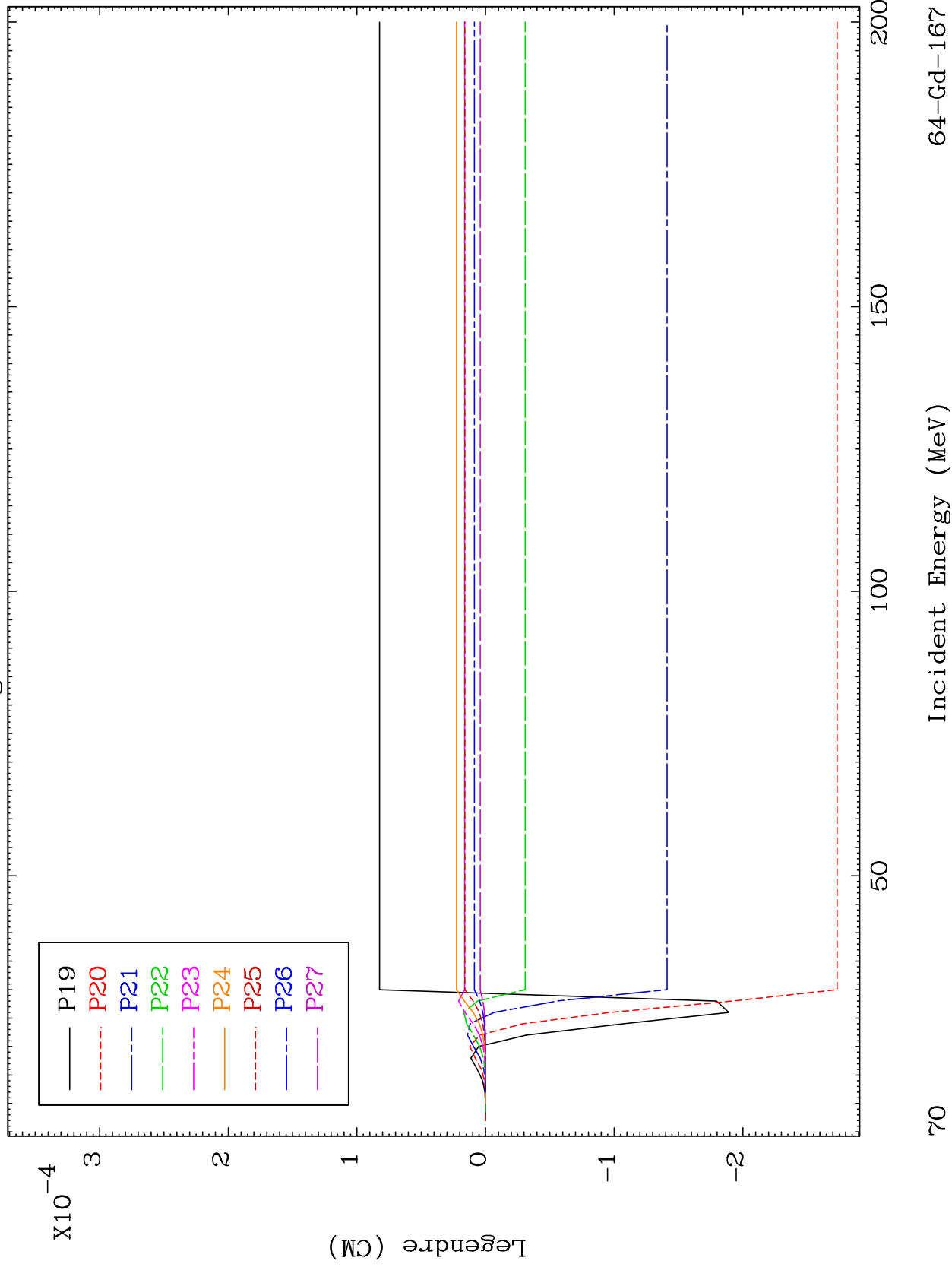
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



70

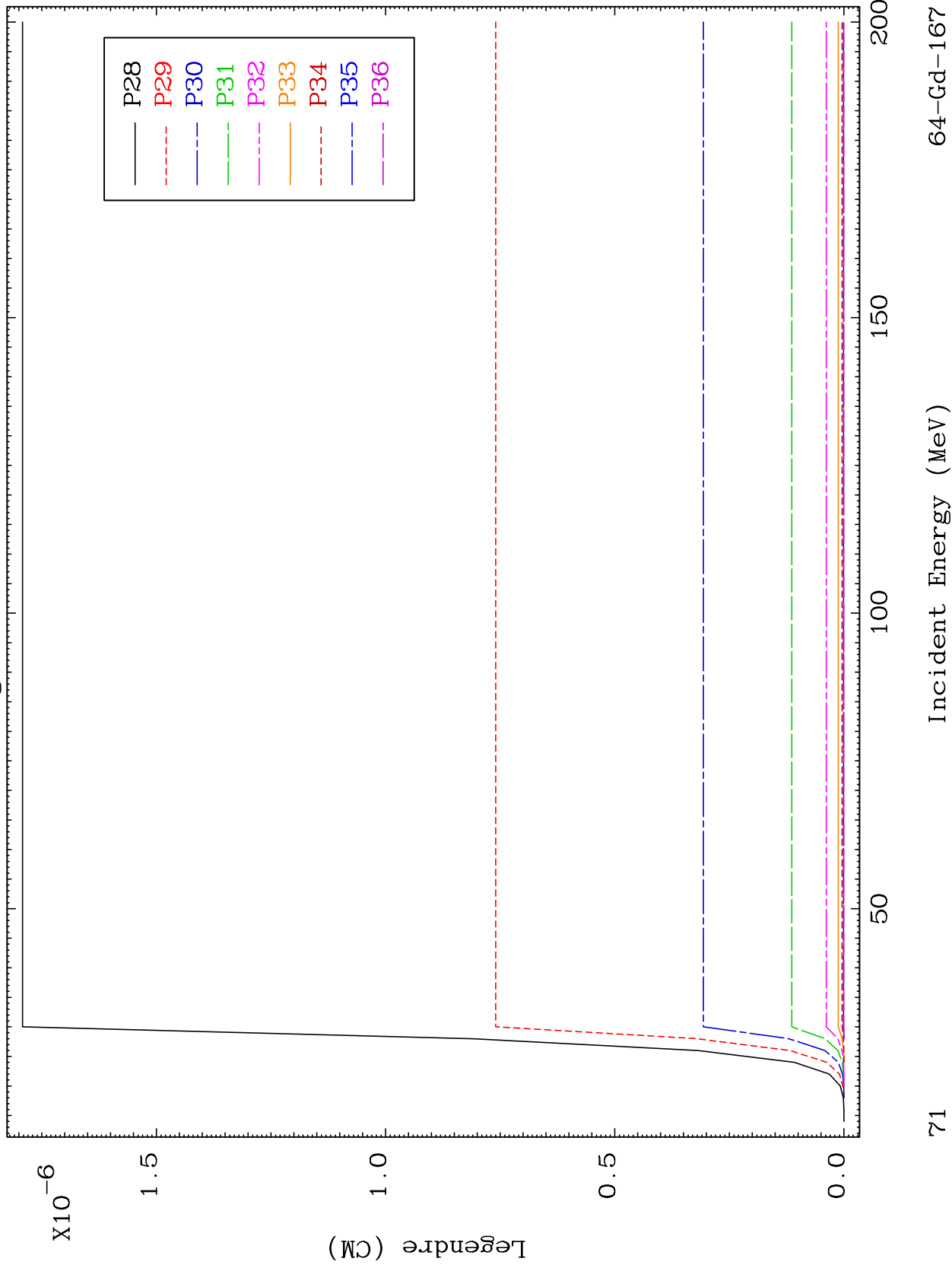
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



71

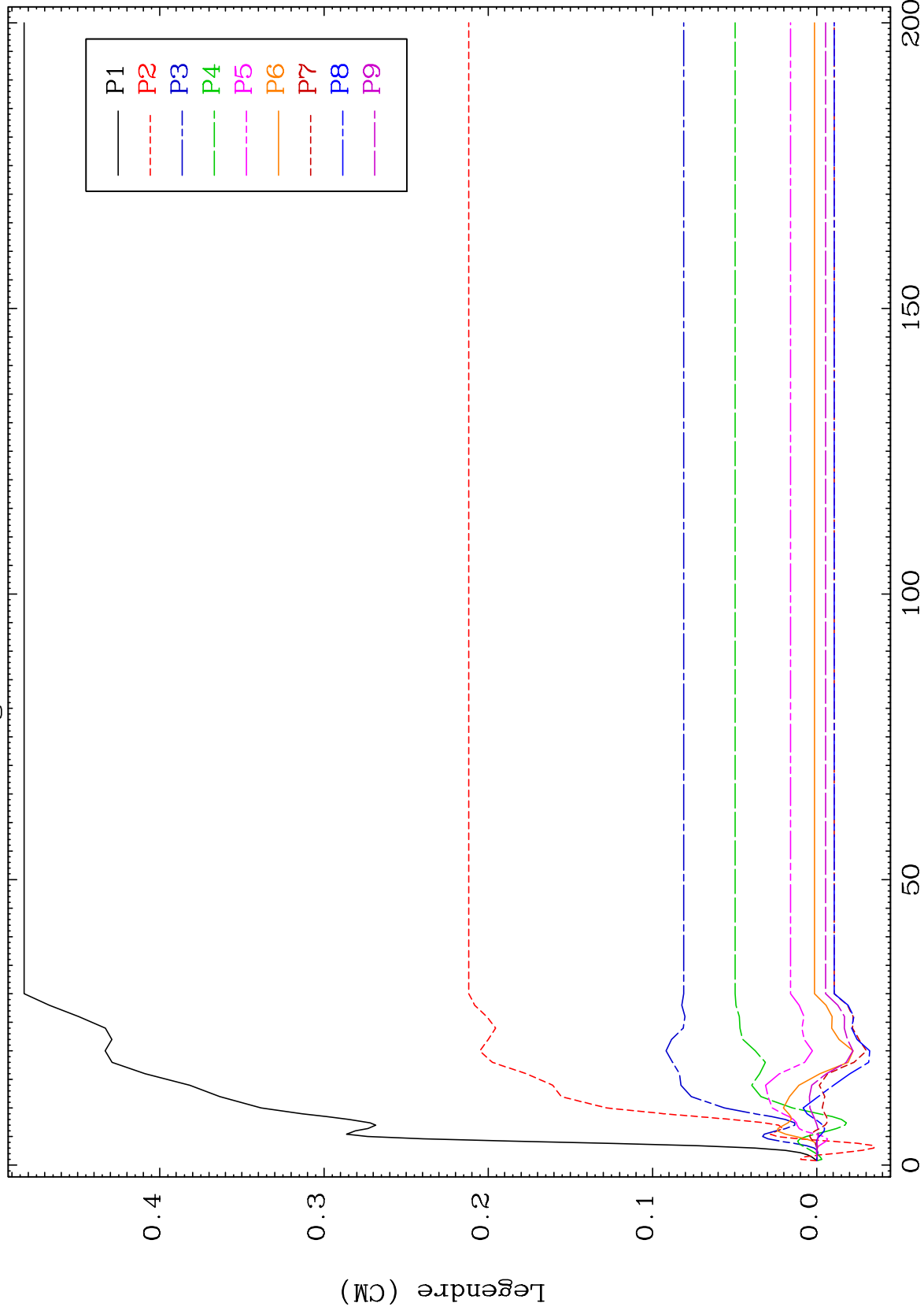
64-Gd-167



MAT 6470

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

64-Gd-167



72

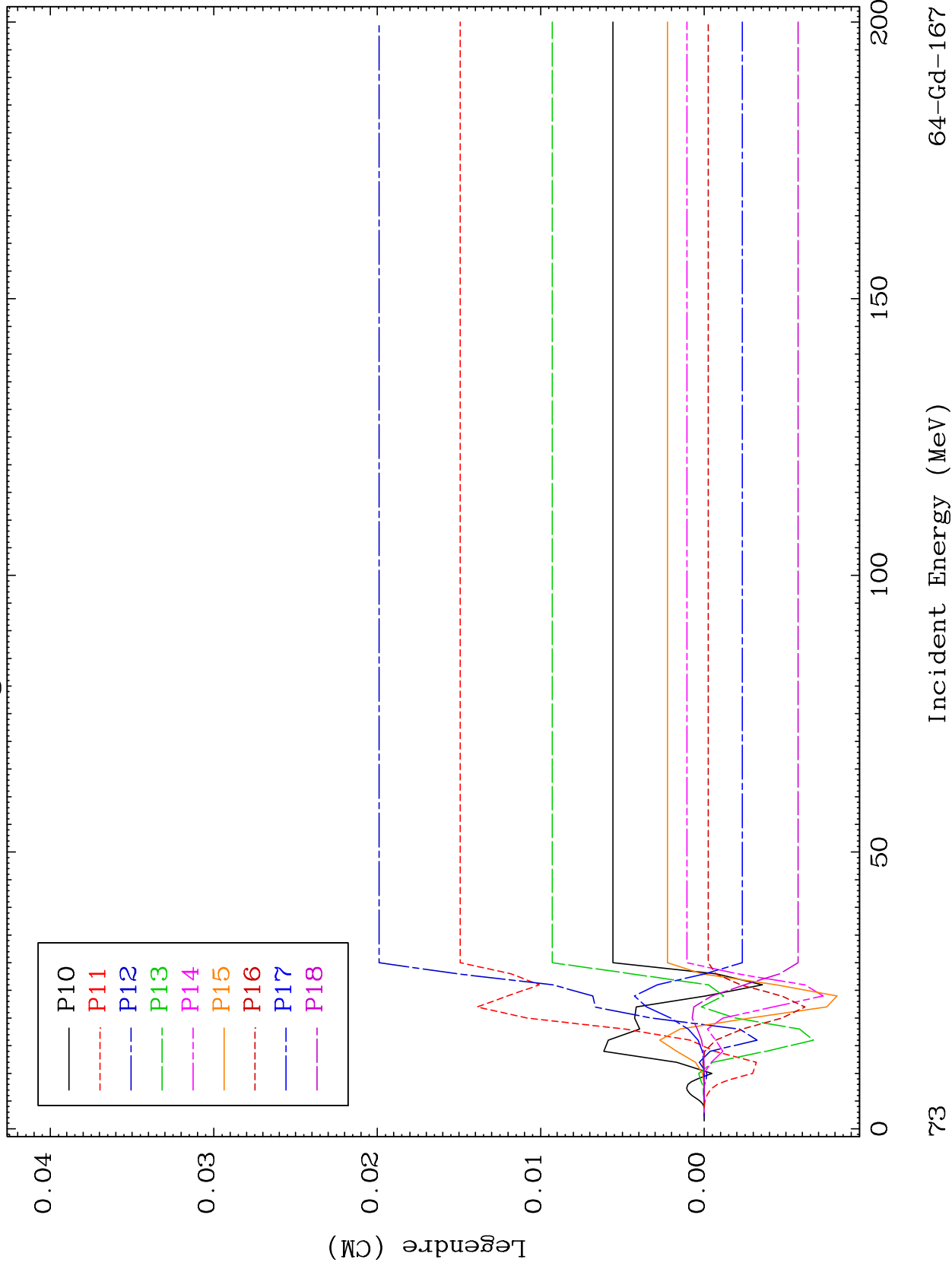
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



73

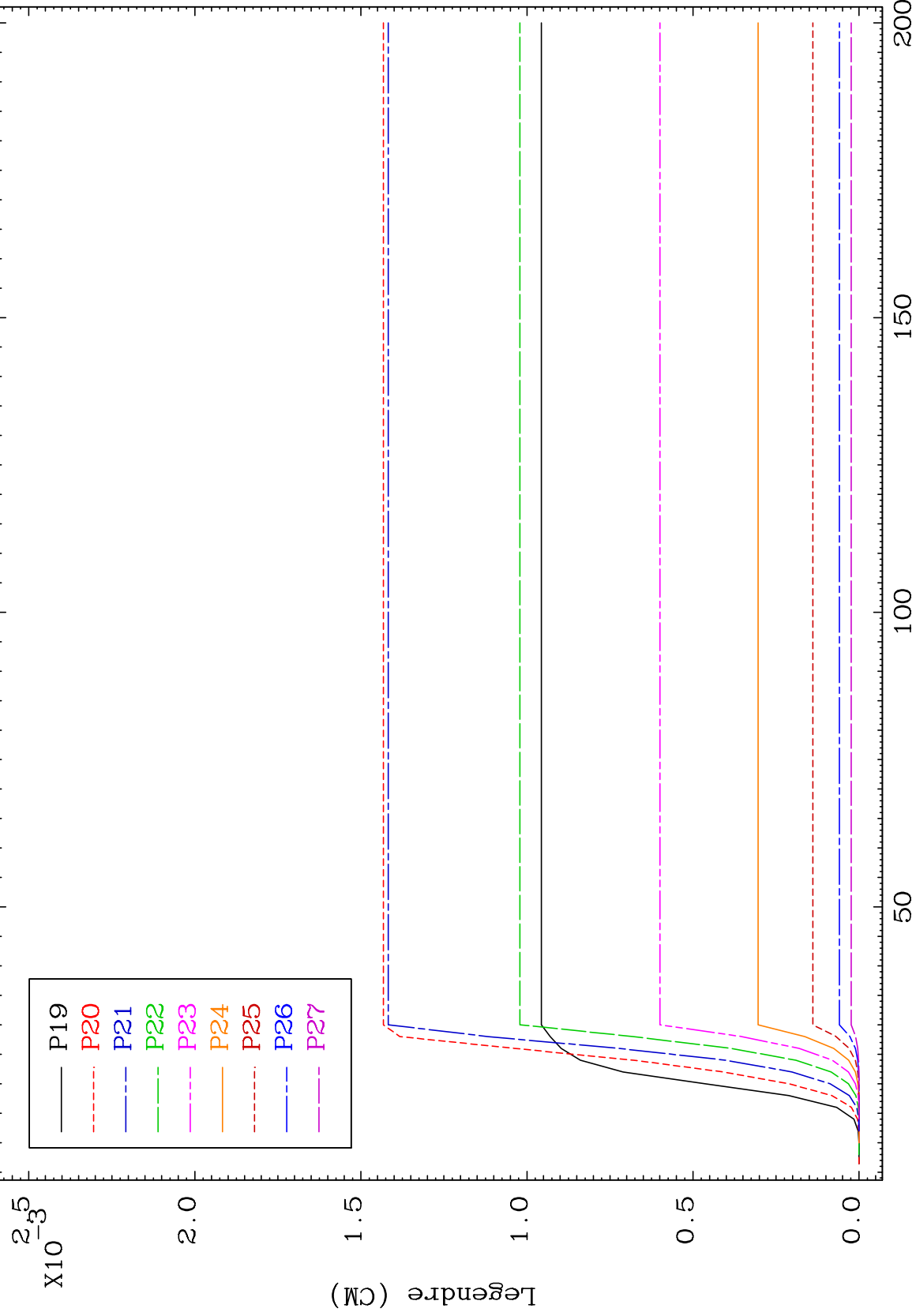
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



74

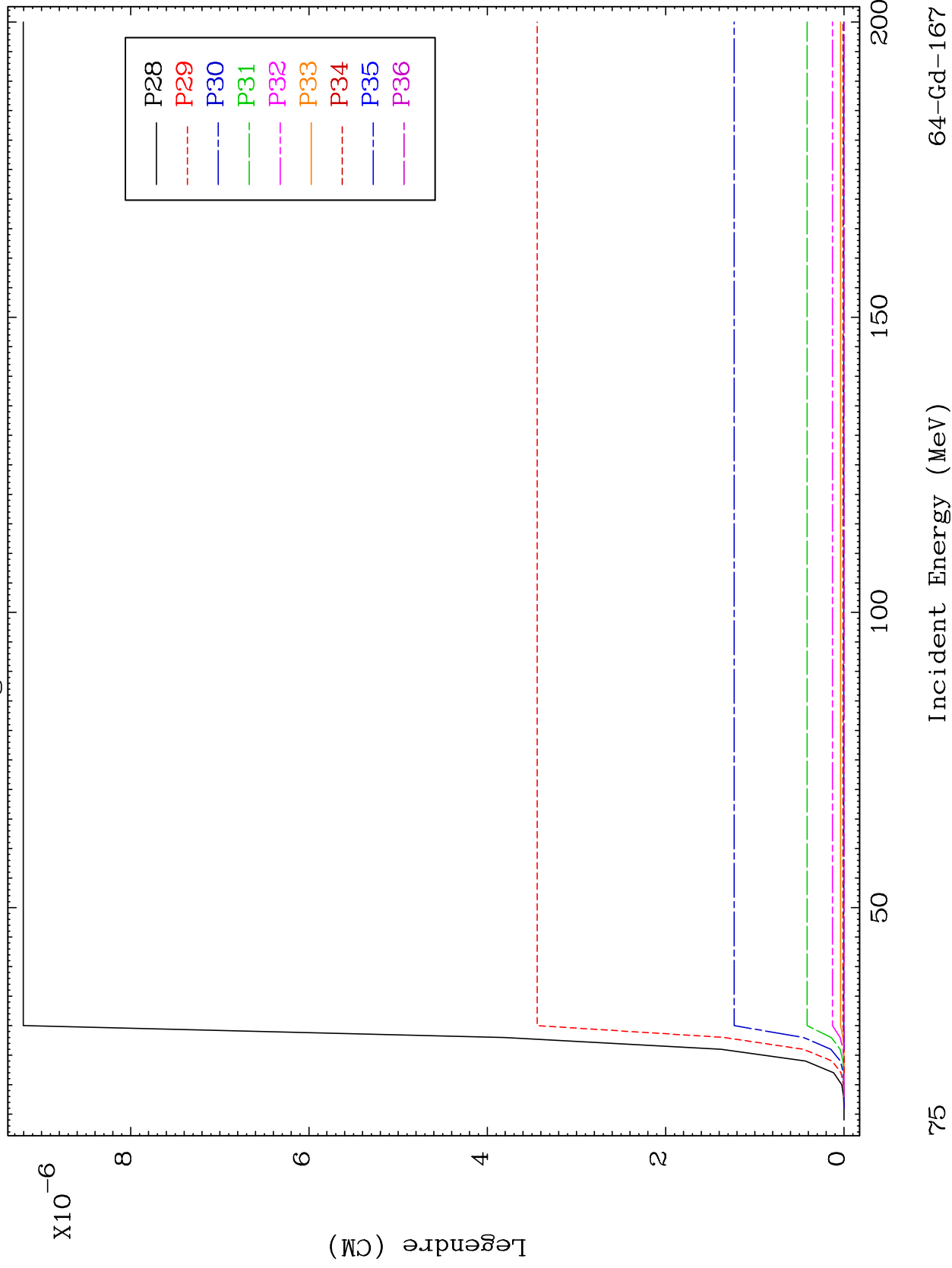
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

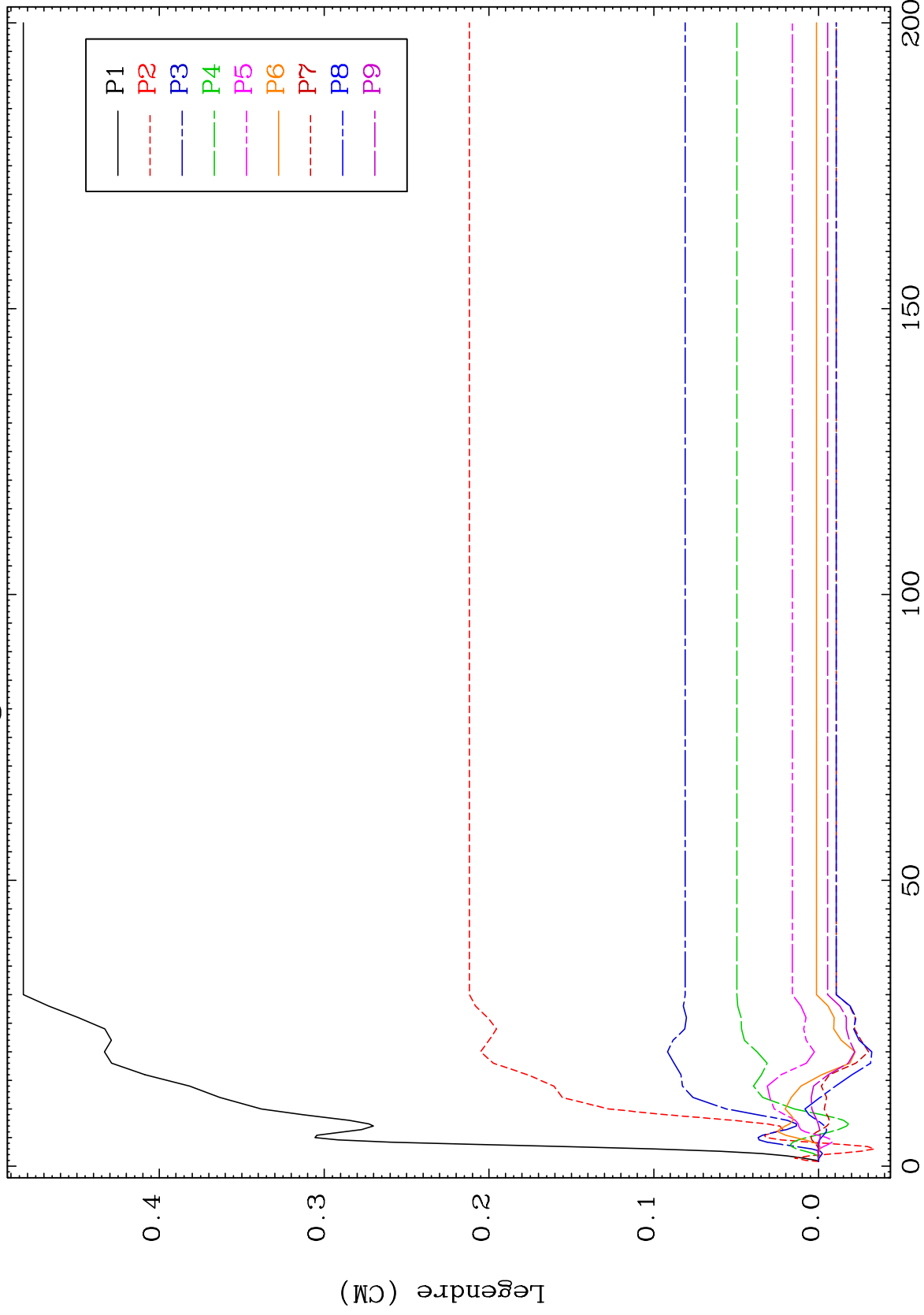
64-Gd-167



MAT 6470

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

64-Gd-167



64-Gd-167

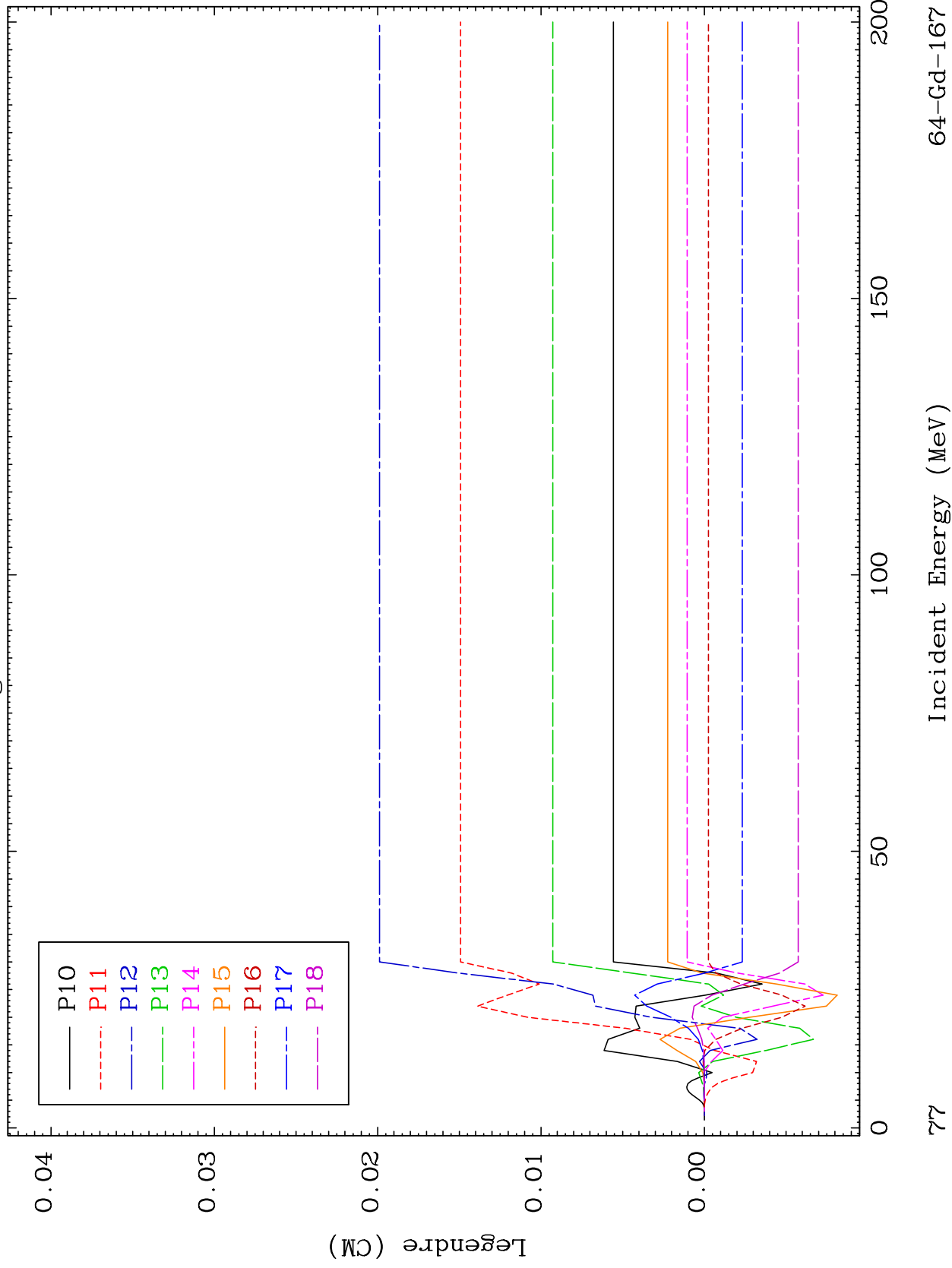
Incident Energy (MeV)

76

MAT 6470

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

64-Gd-167



77

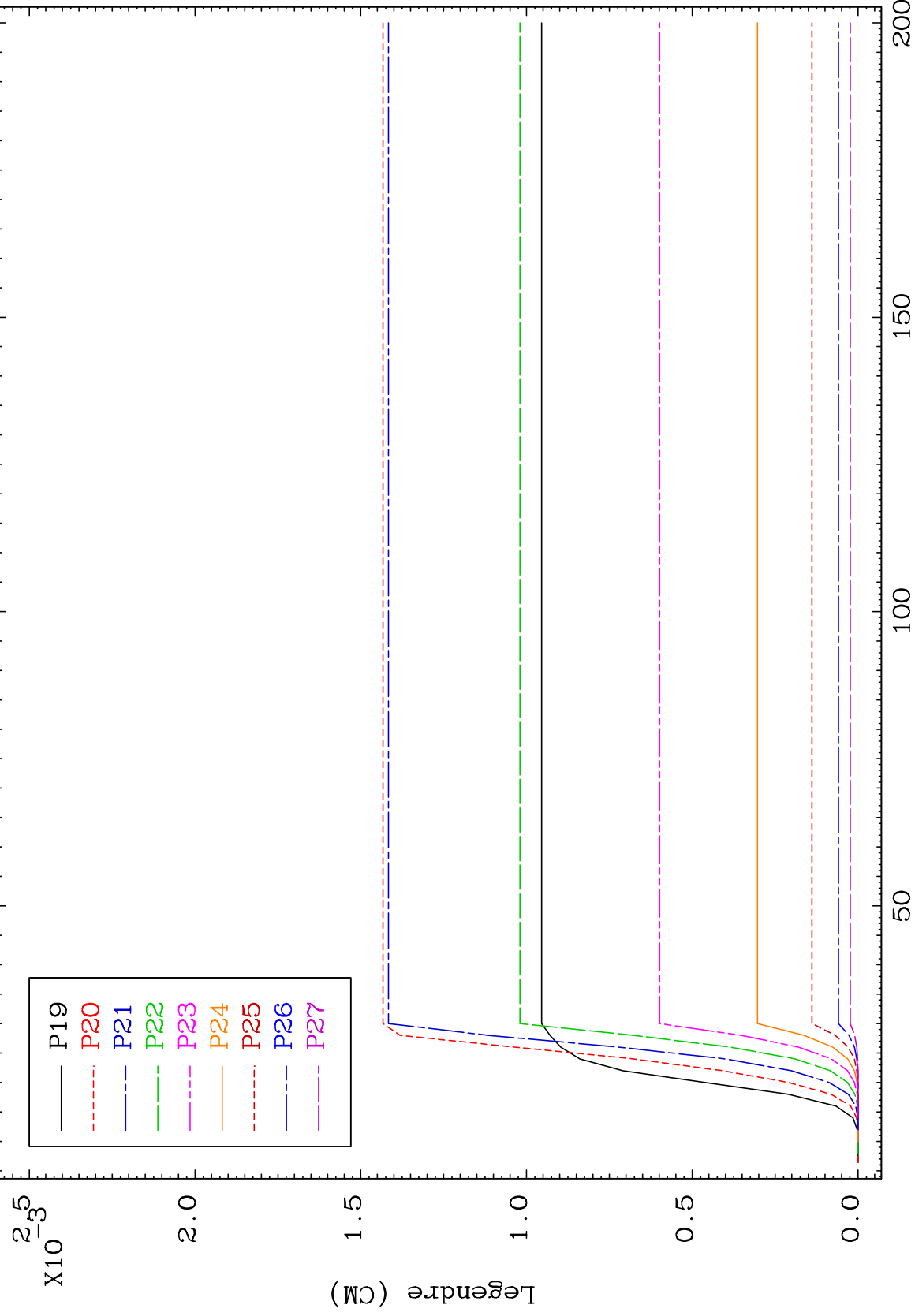
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



78

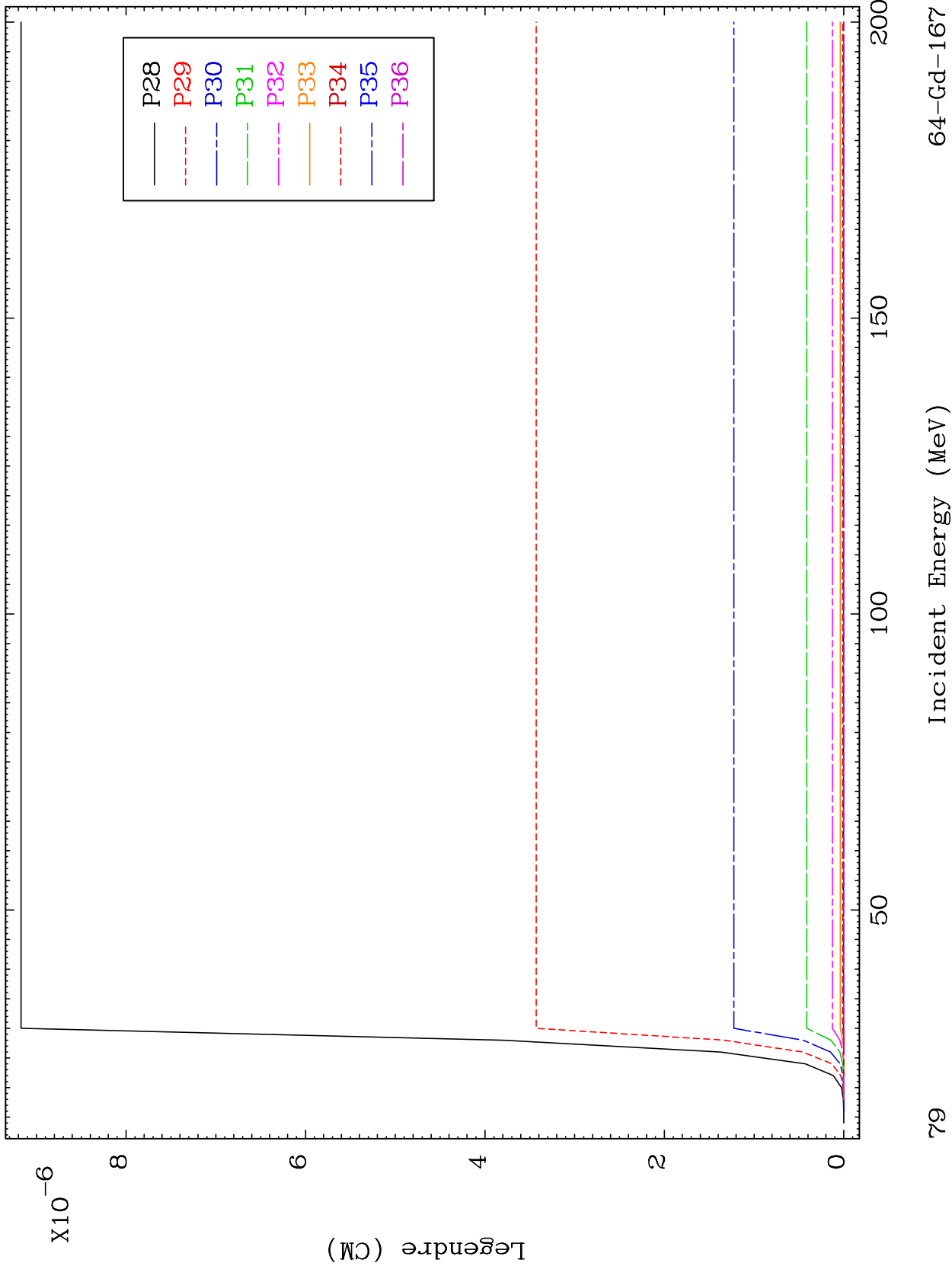
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167

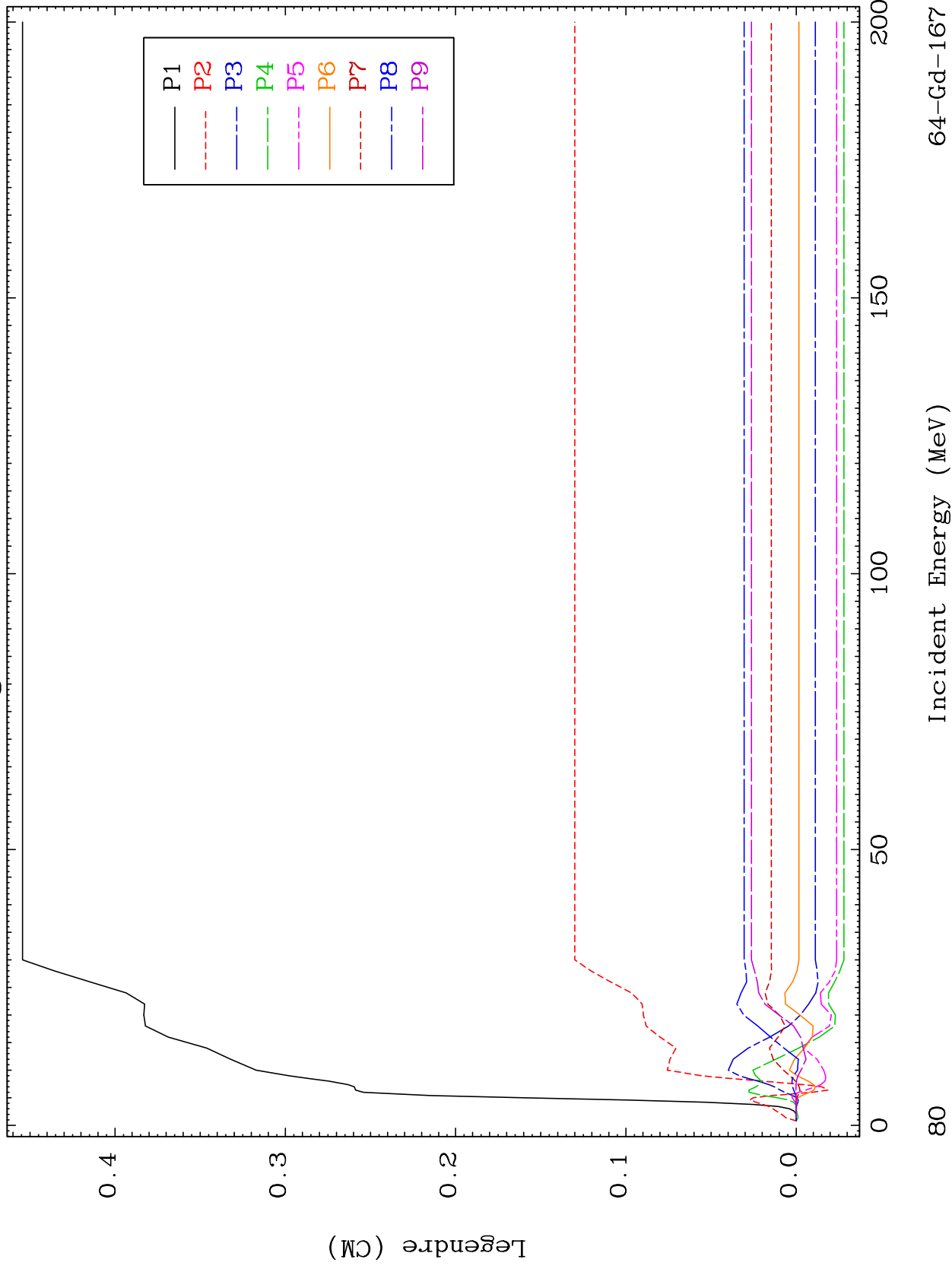




MAT 6470

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

64-Gd-167



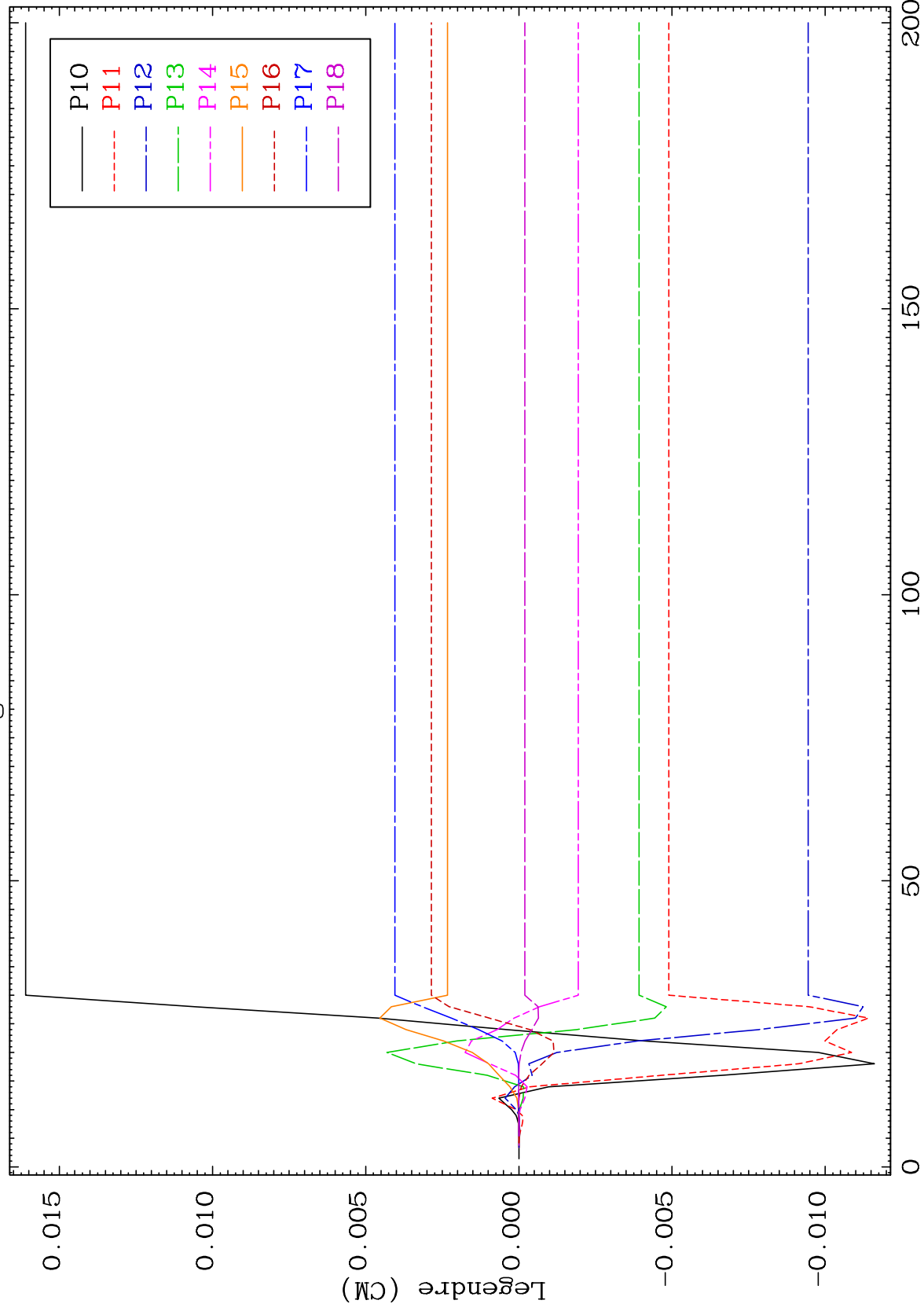
64-Gd-167

Incident Energy (MeV)

MAT 6470

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

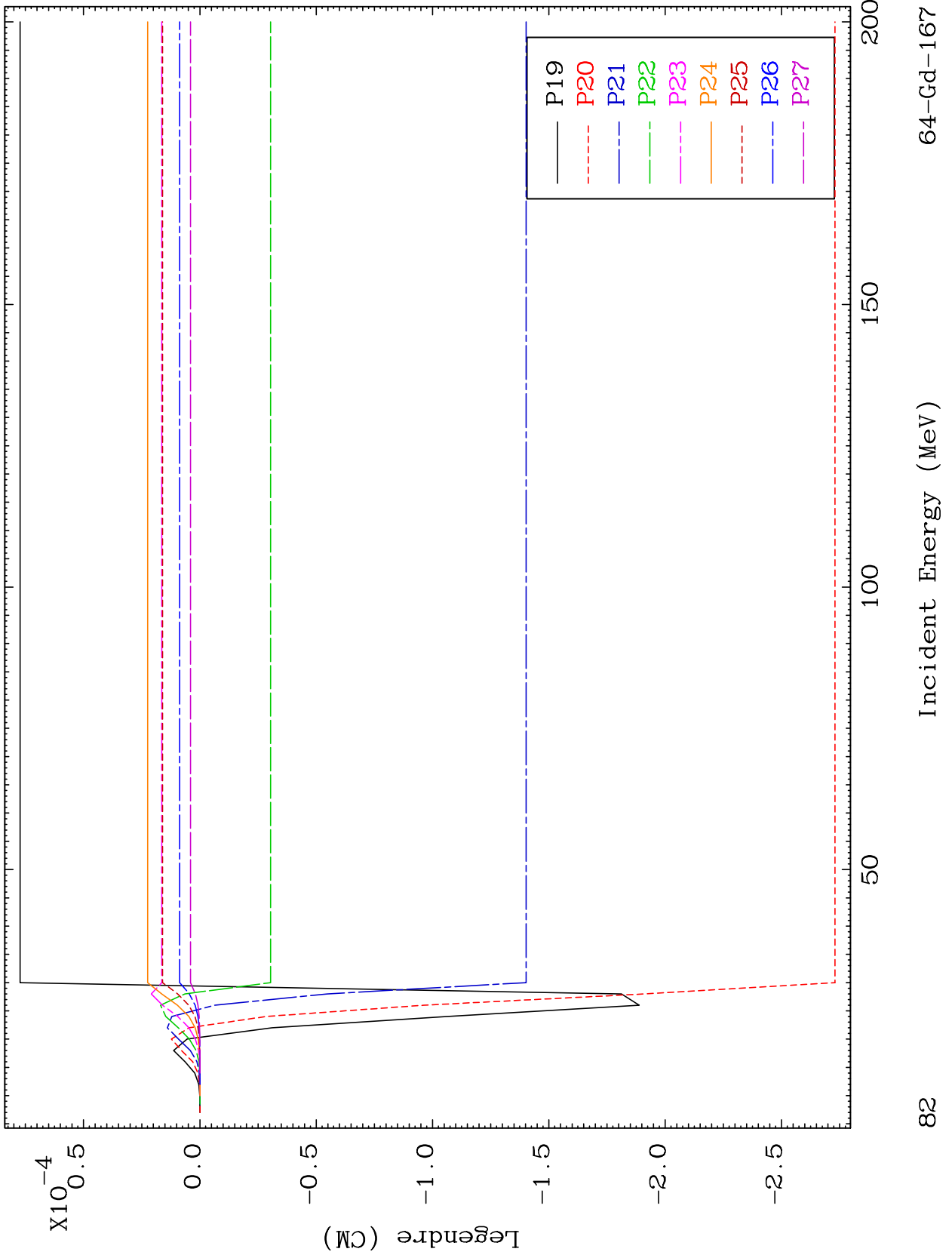
64-Gd-167



81

Incident Energy (MeV)

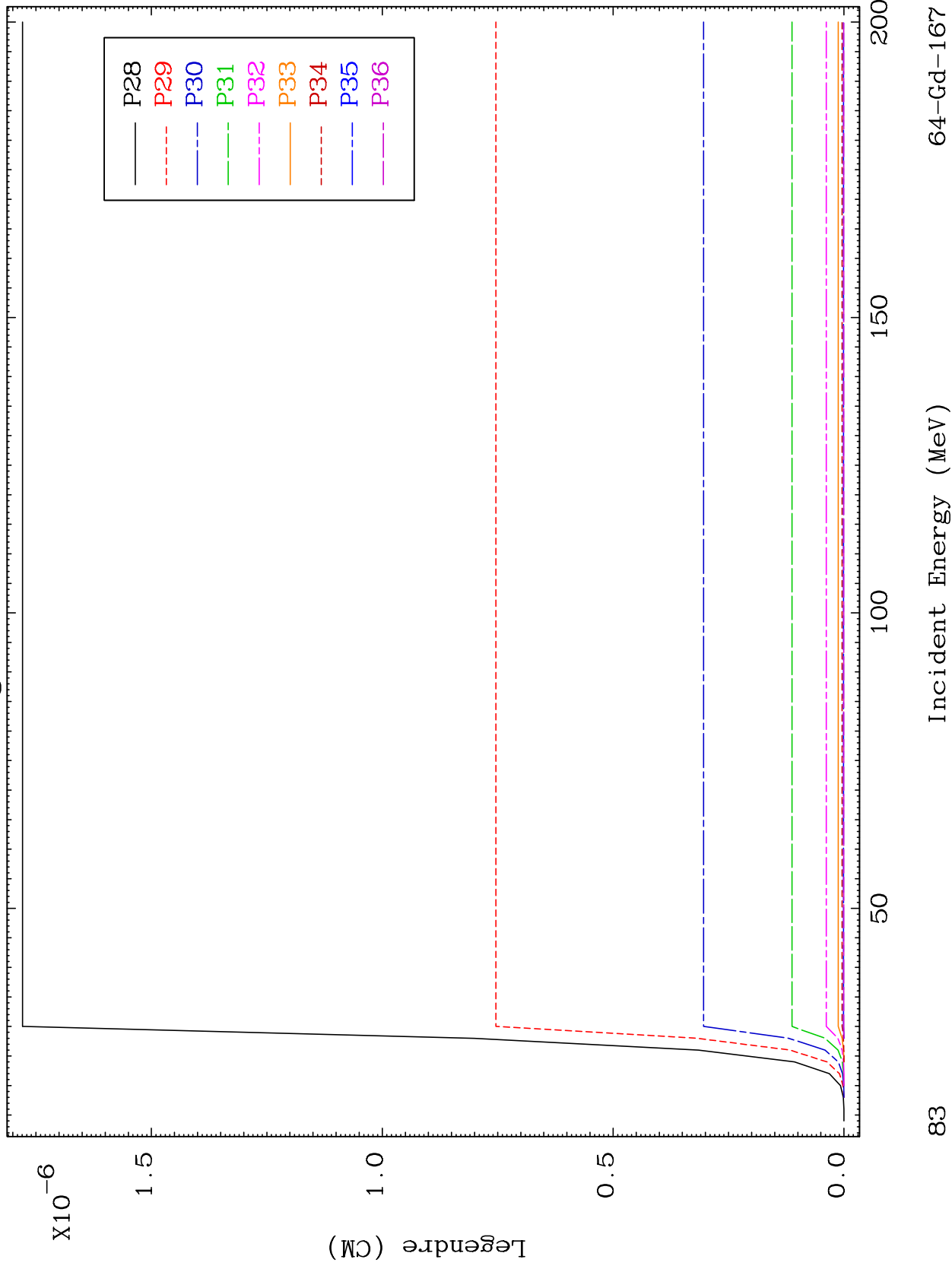
64-Gd-167

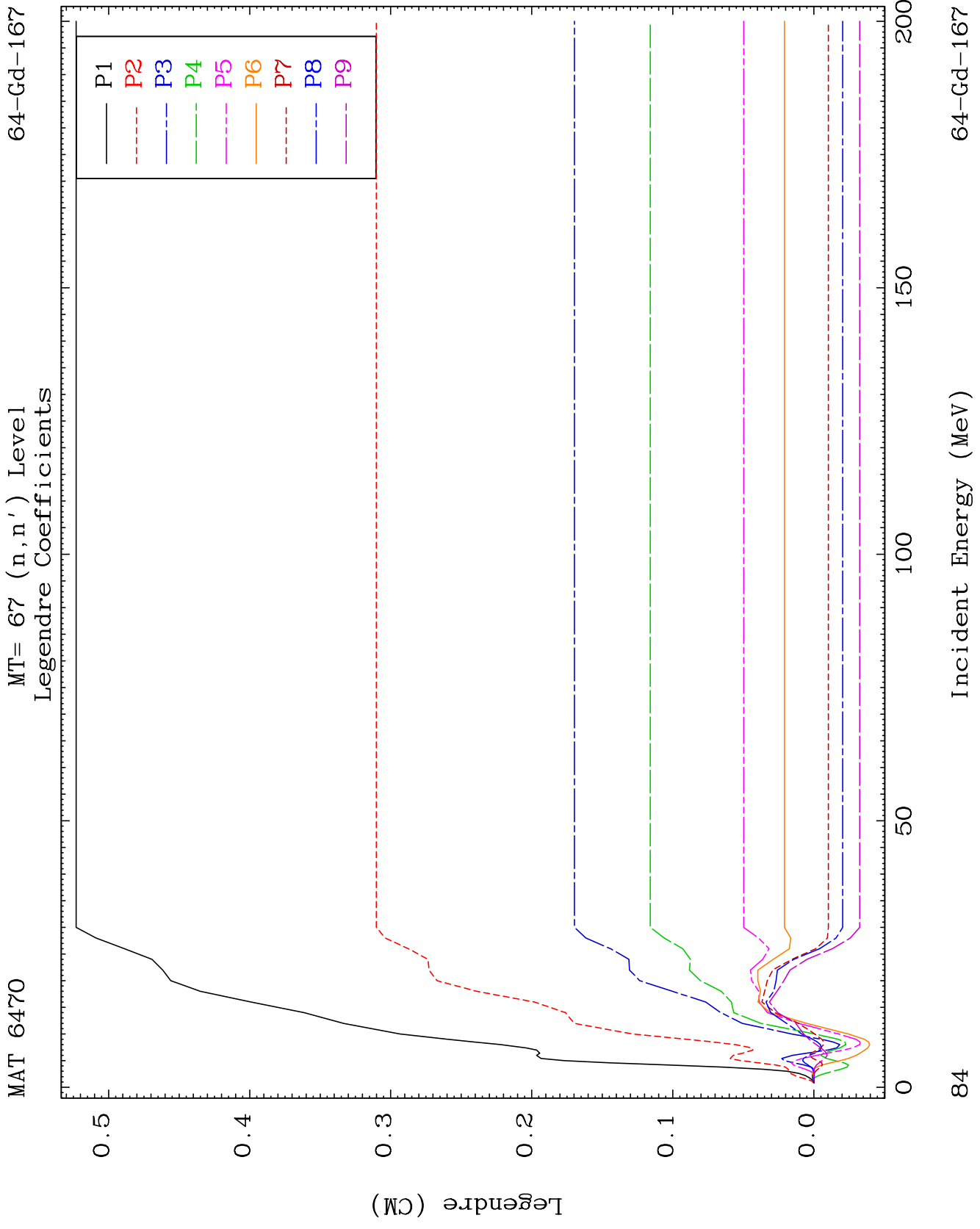


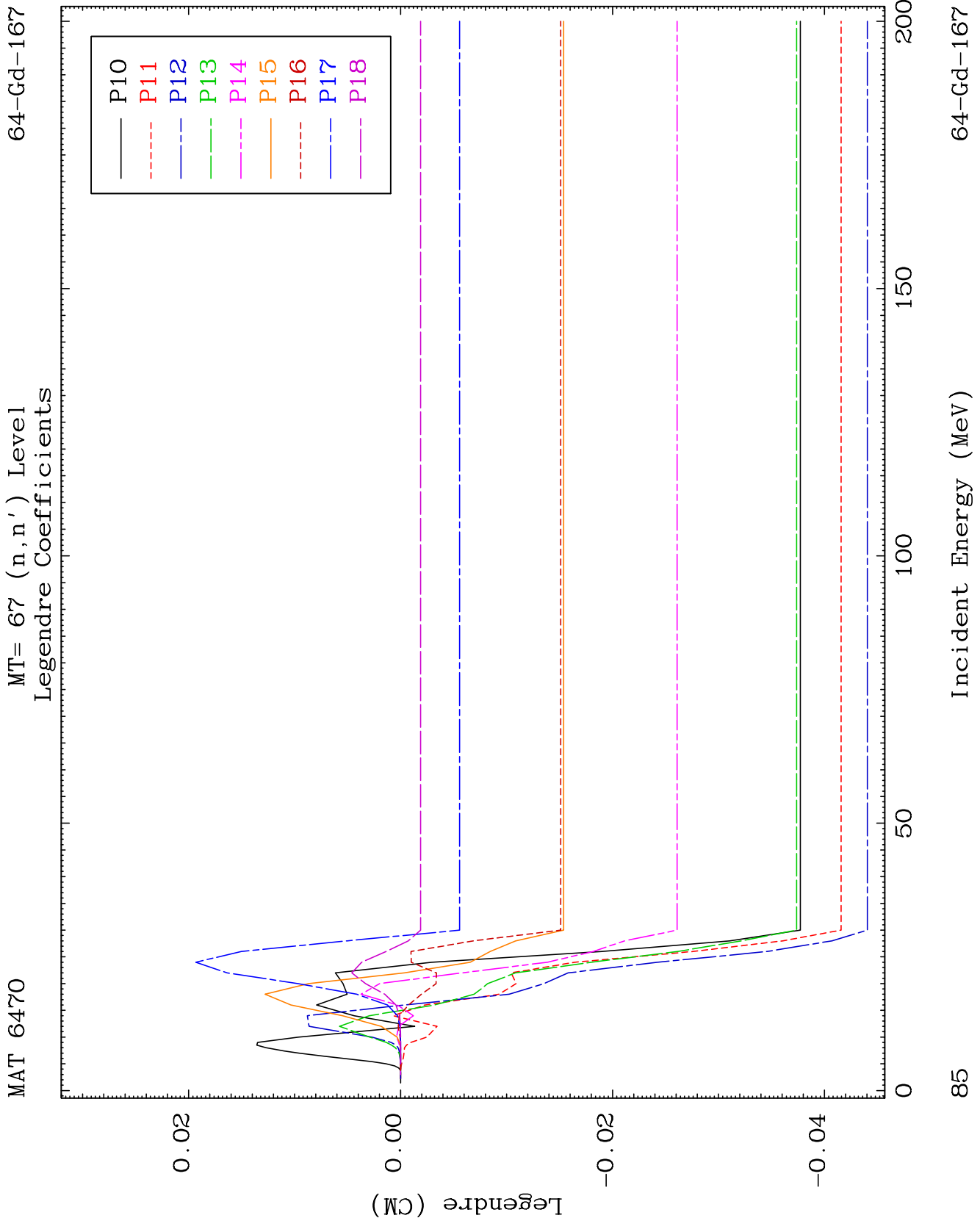
MAT 6470

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

64-Gd-167



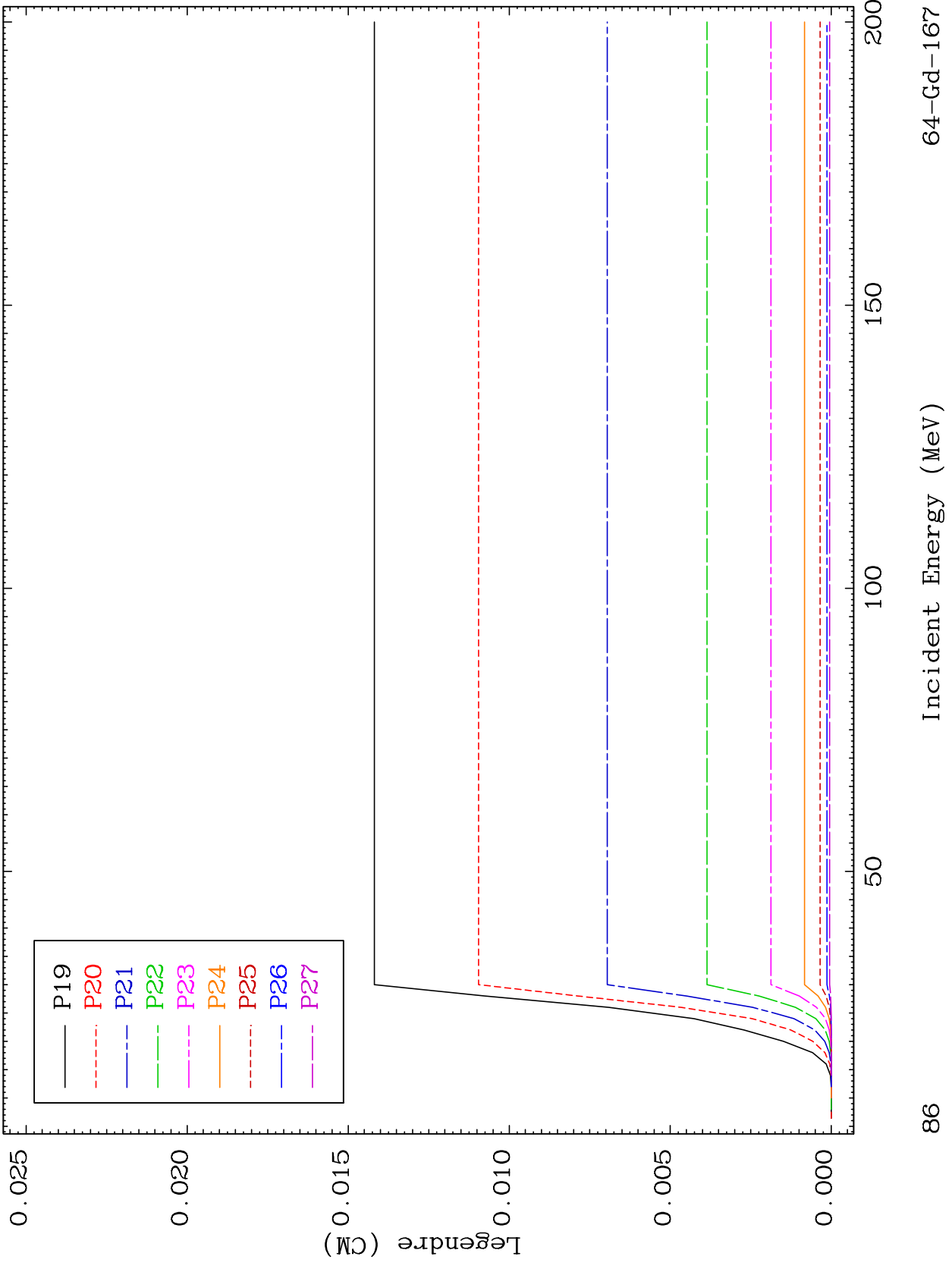




MAT 6470

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

64-Gd-167



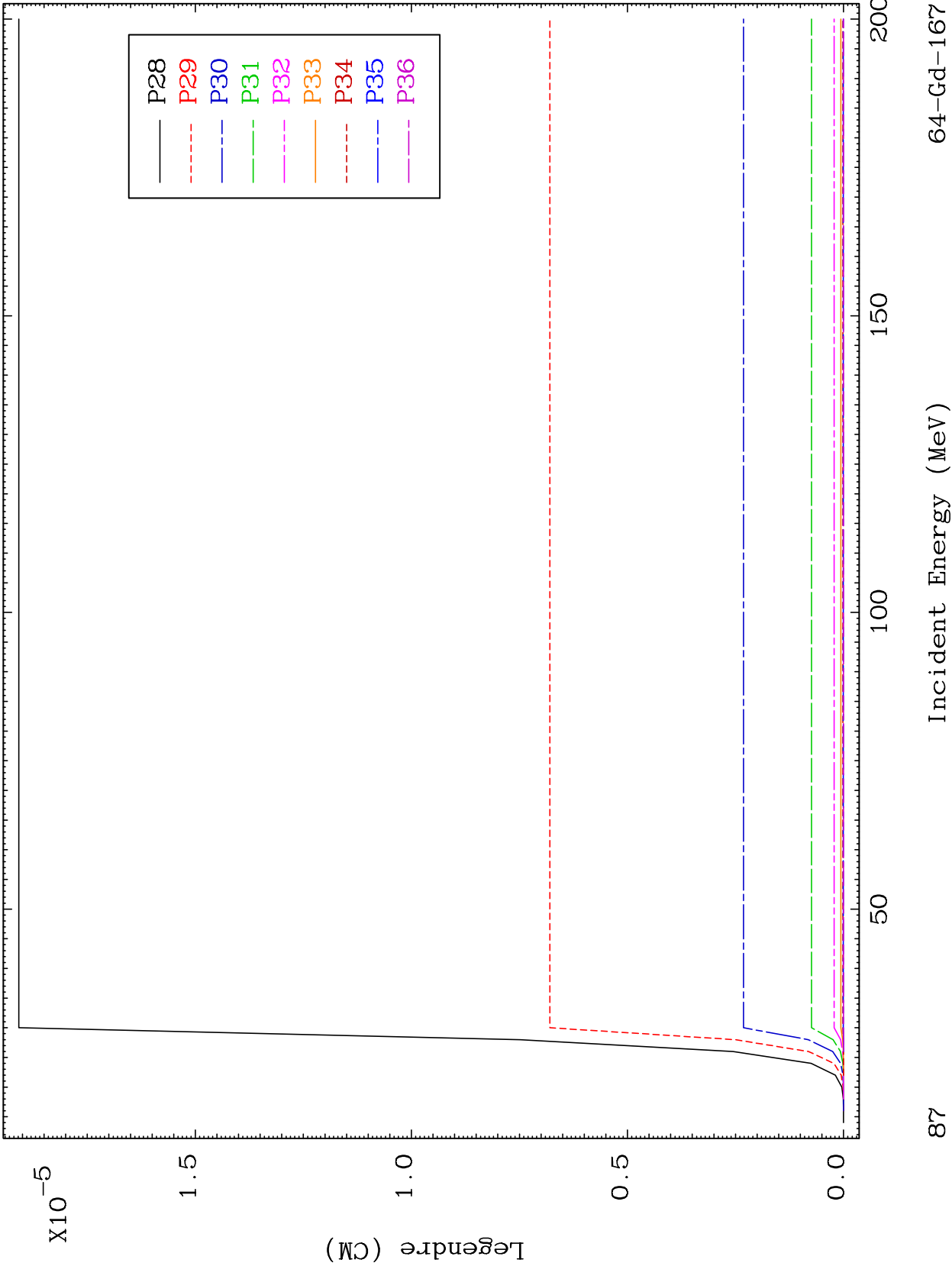
86

64-Gd-167

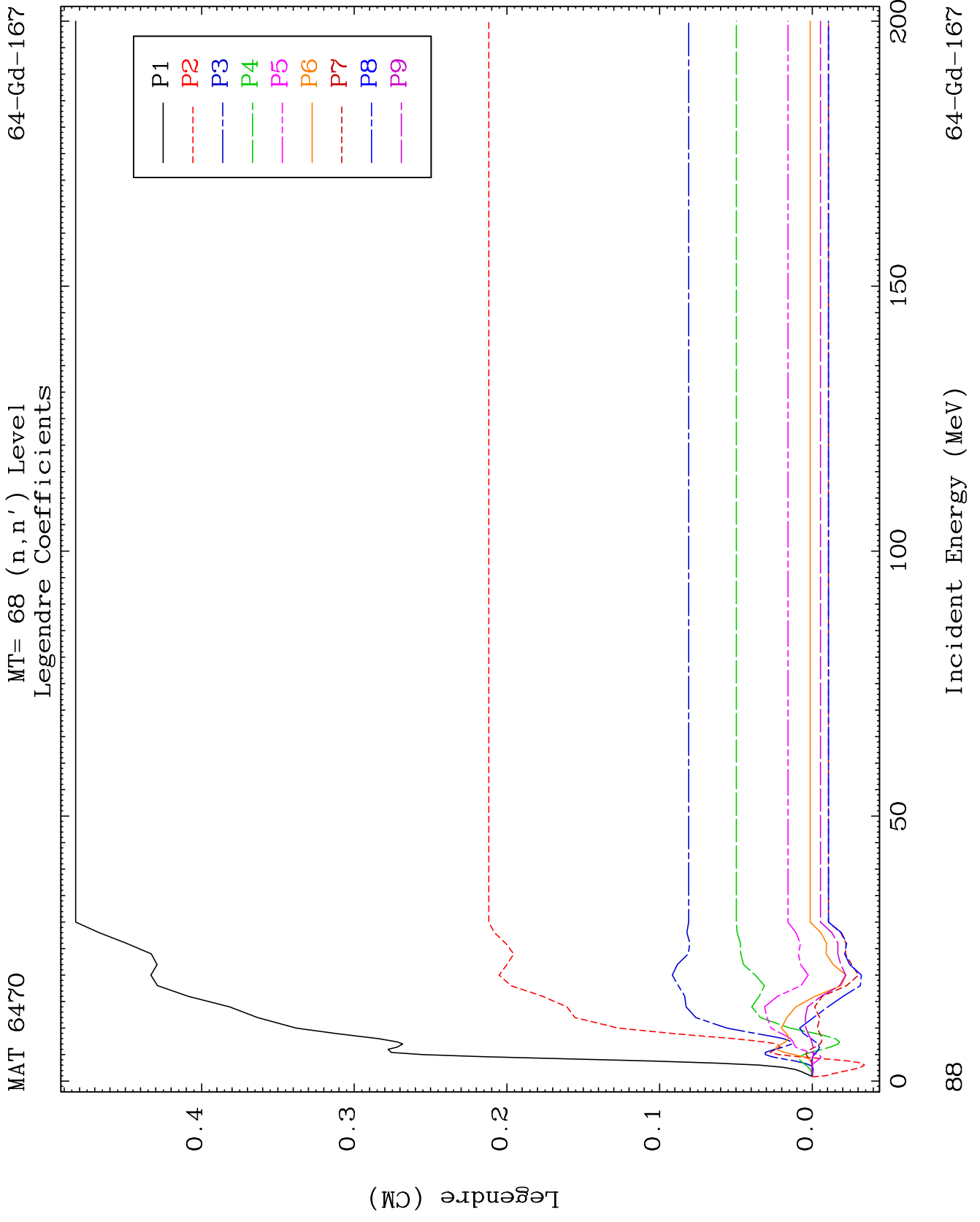
MAT 6470

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

64-Gd-167



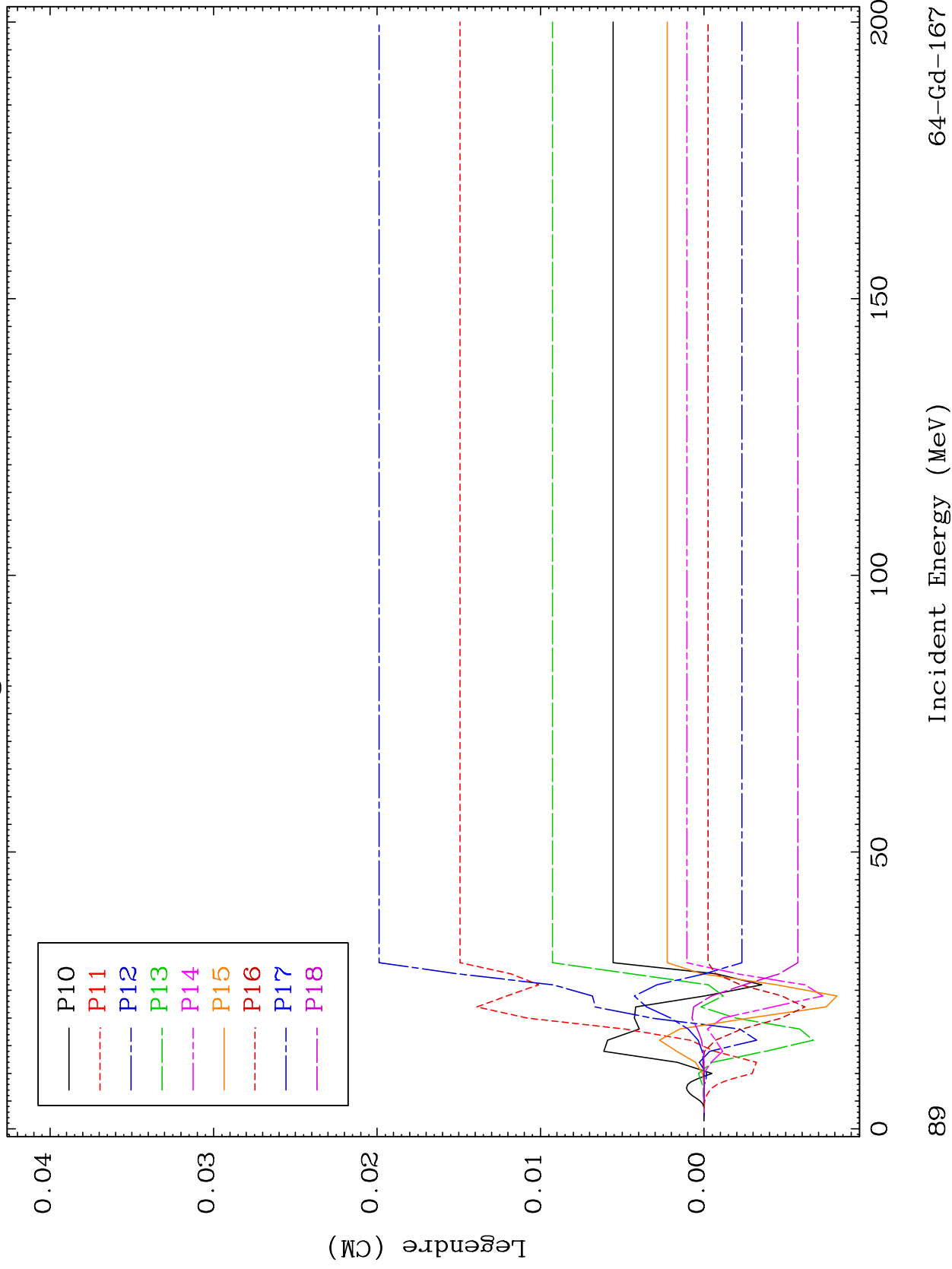




MAT 6470

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

64-Gd-167



89

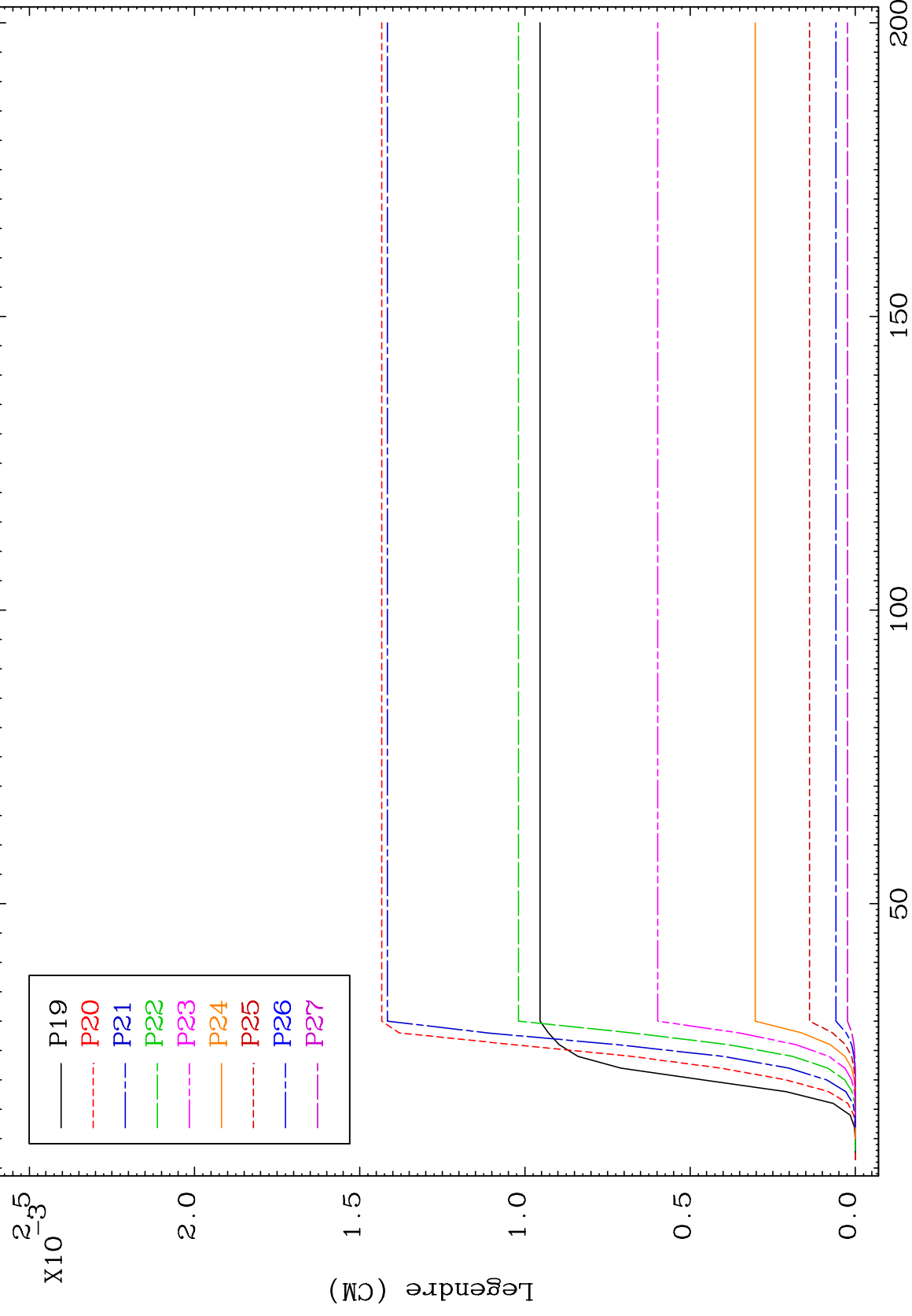
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



90

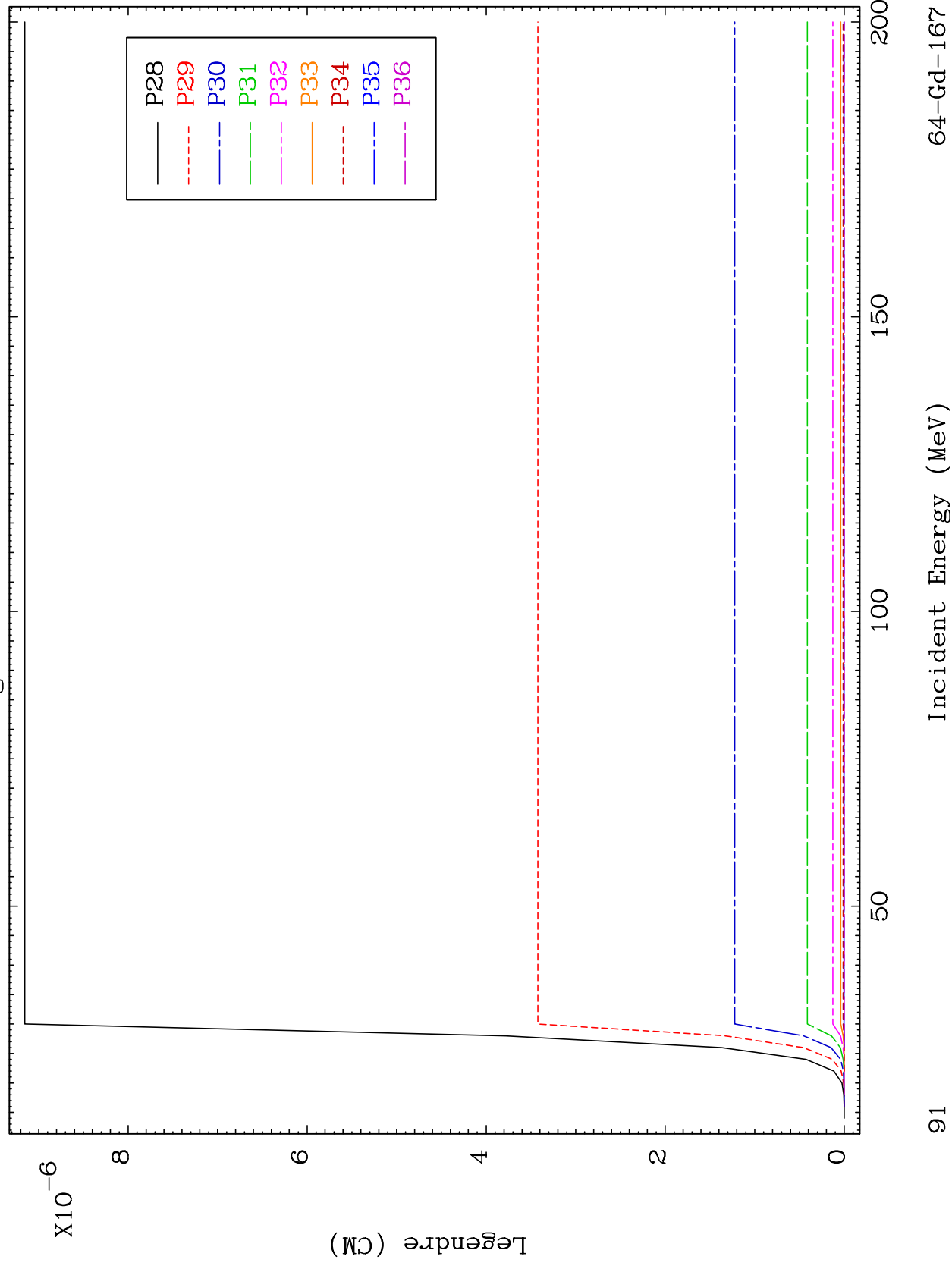
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167

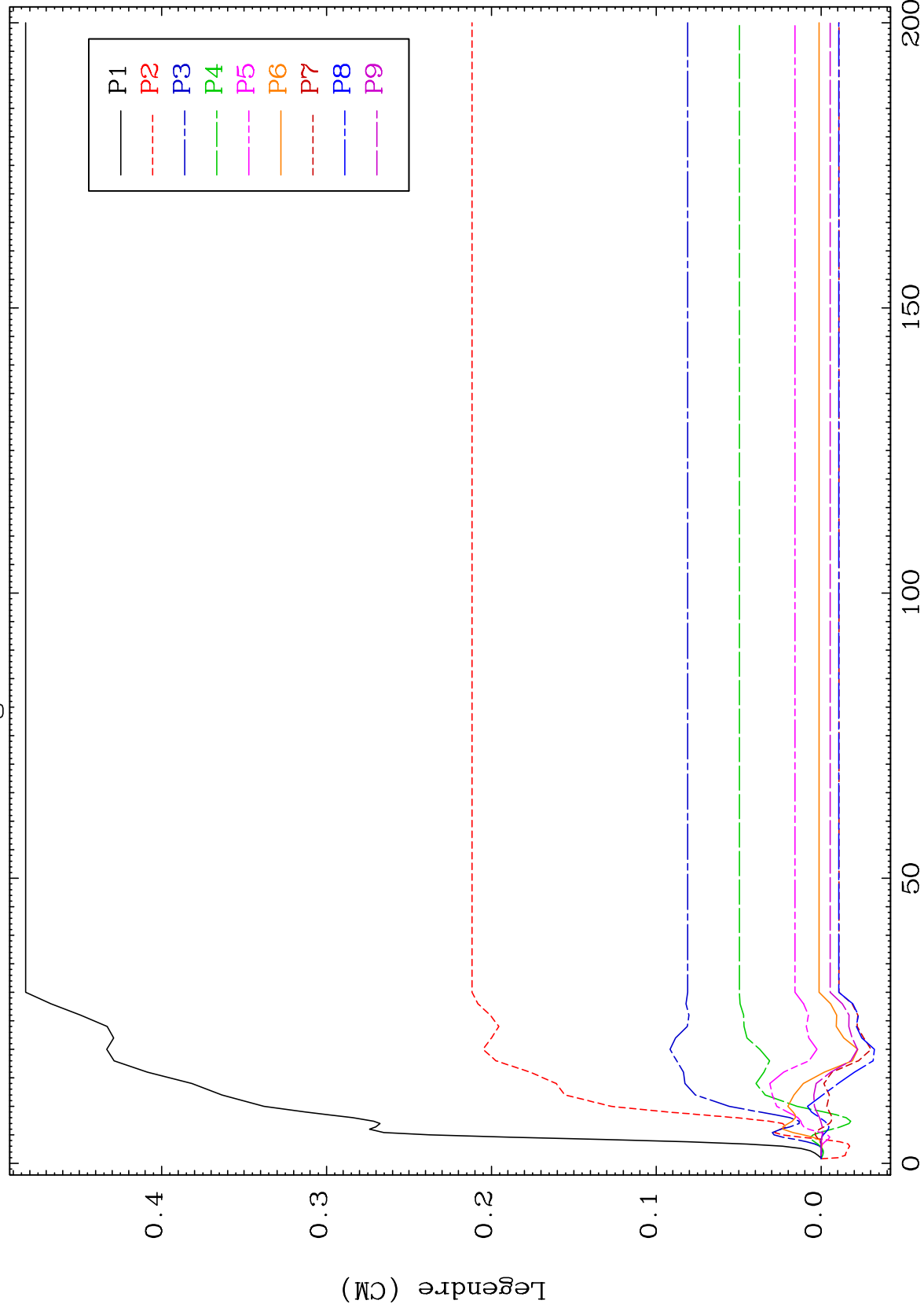


91

MAT 6470

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

64-Gd-167



92

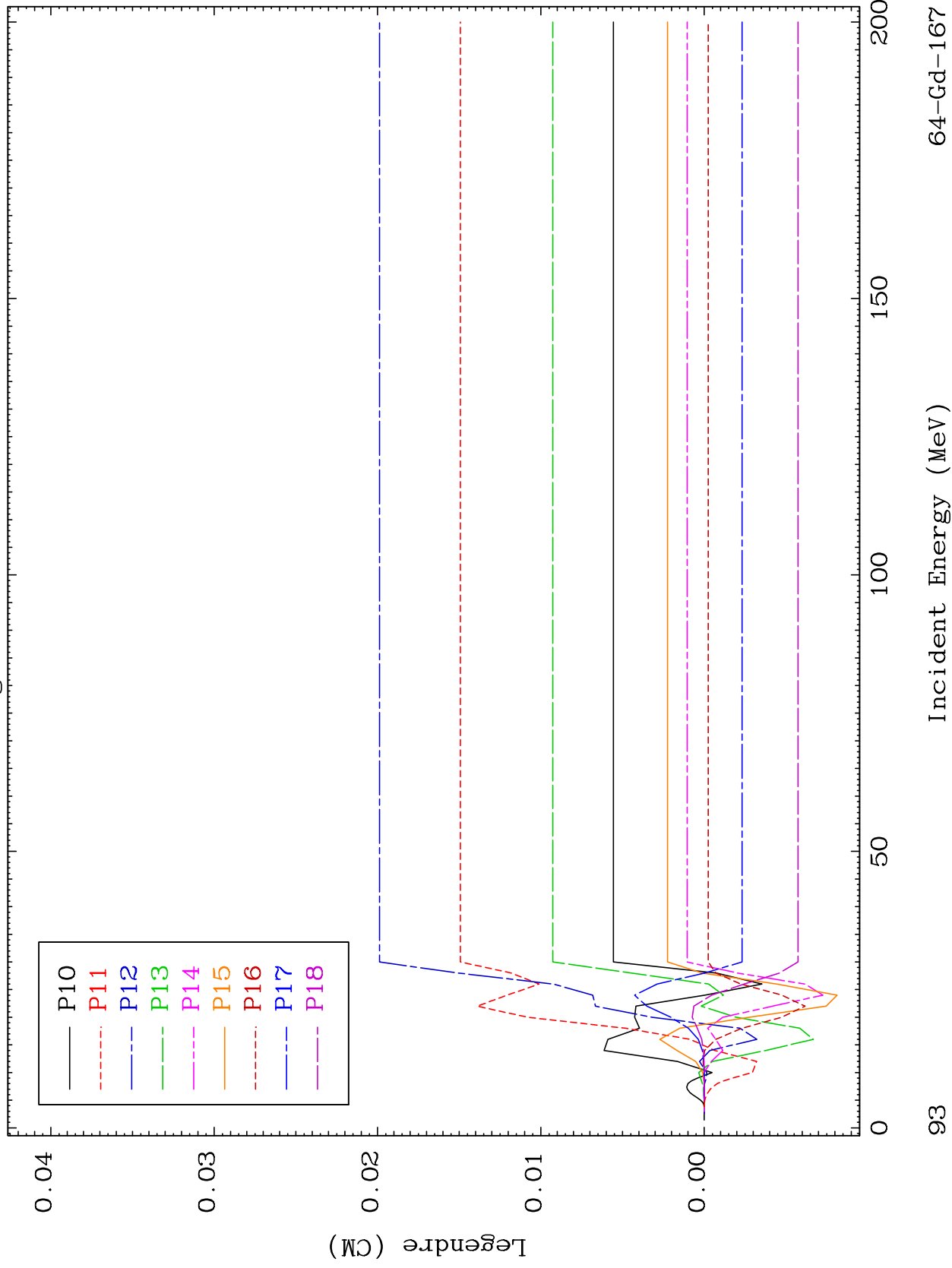
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



93

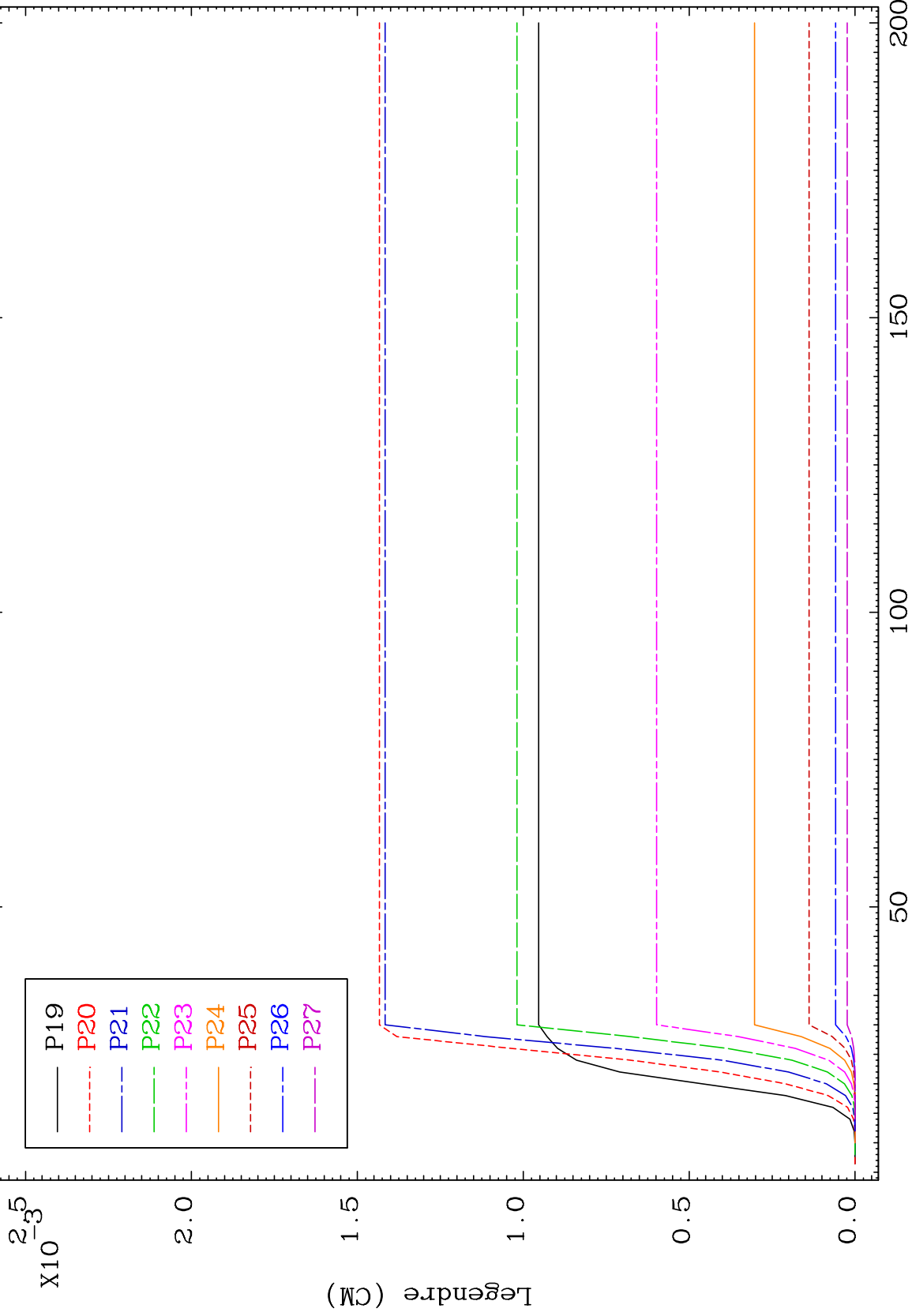
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



94

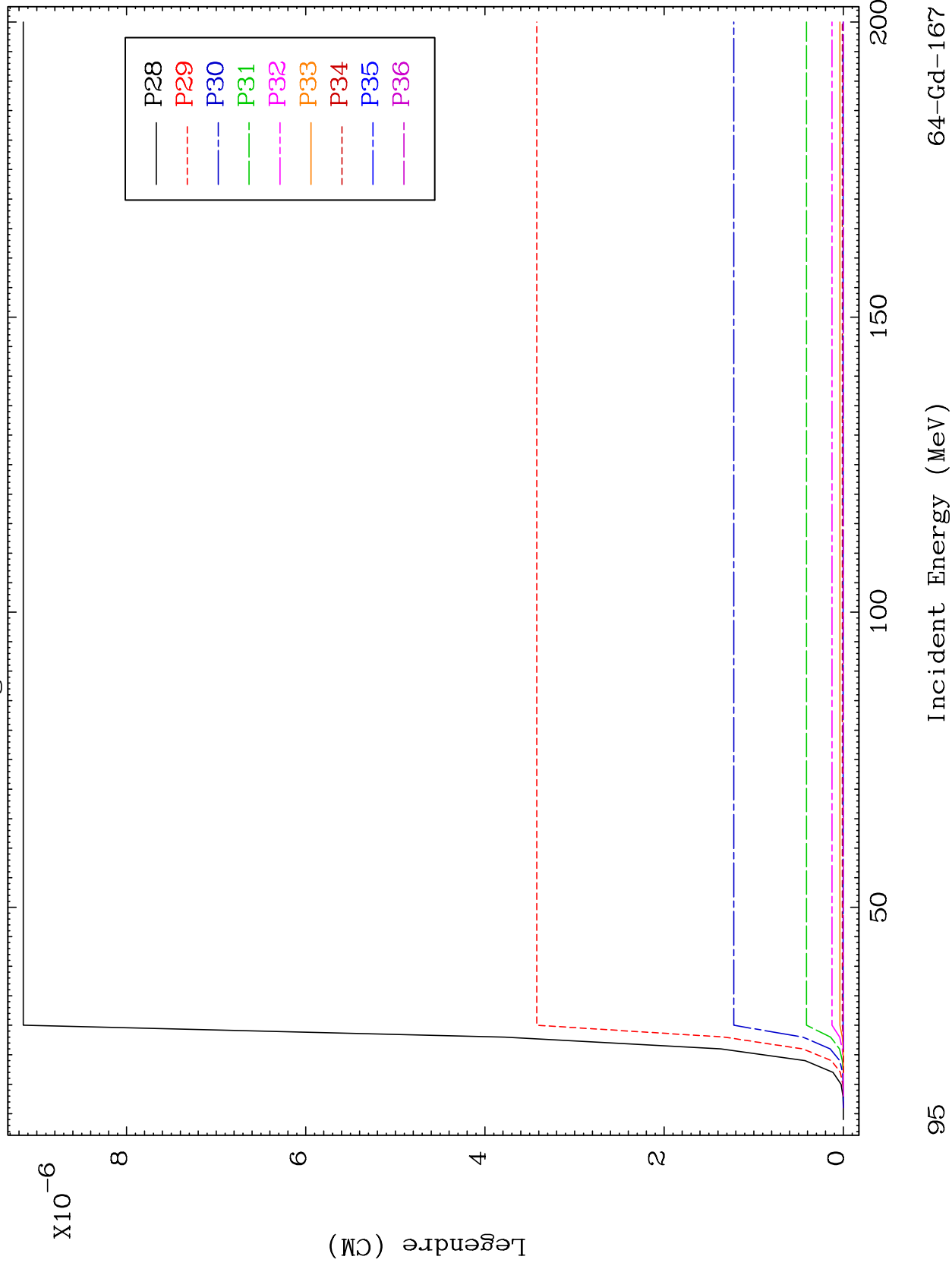
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167

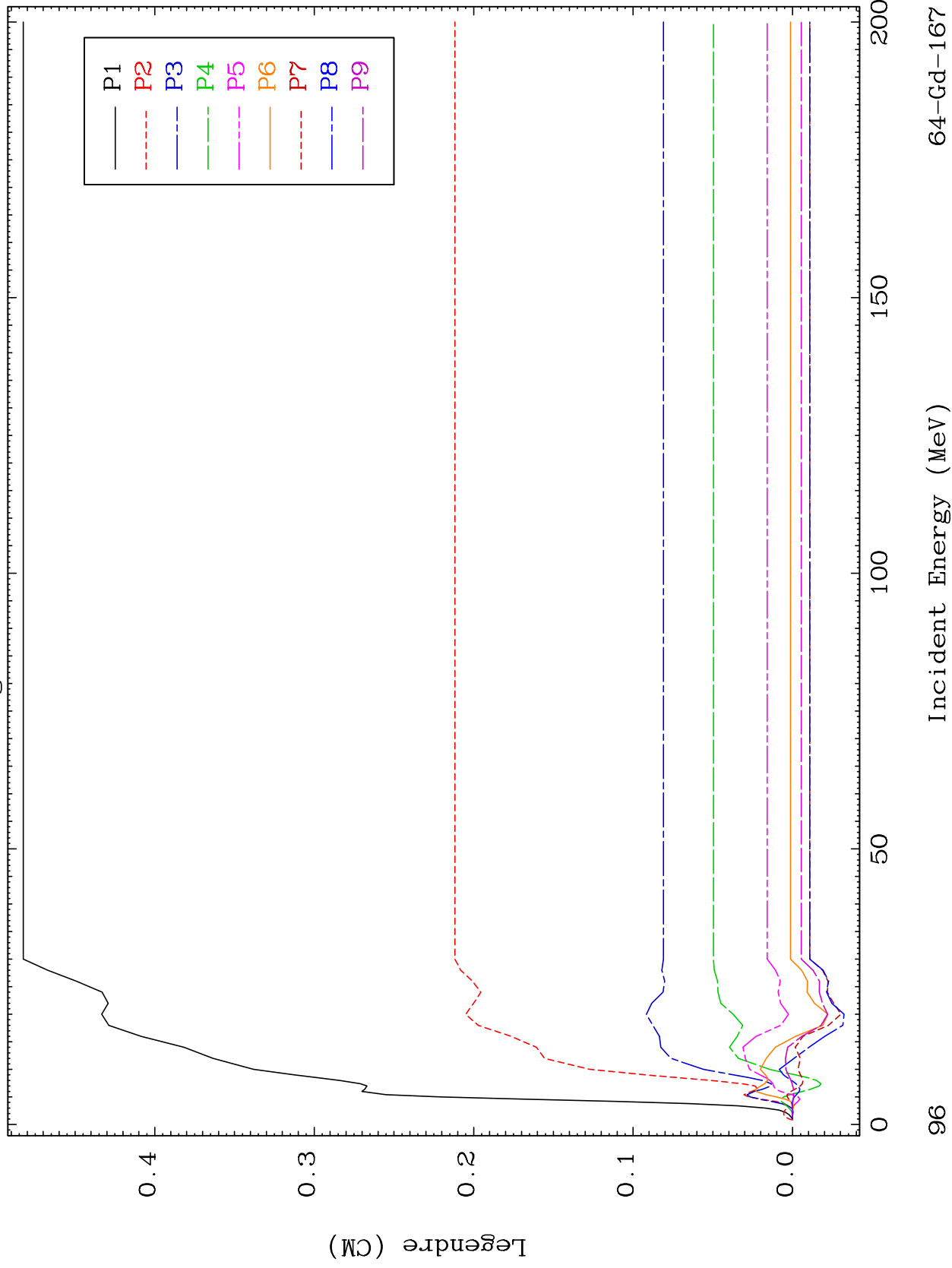




MAT 6470

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

64-Gd-167



64-Gd-167

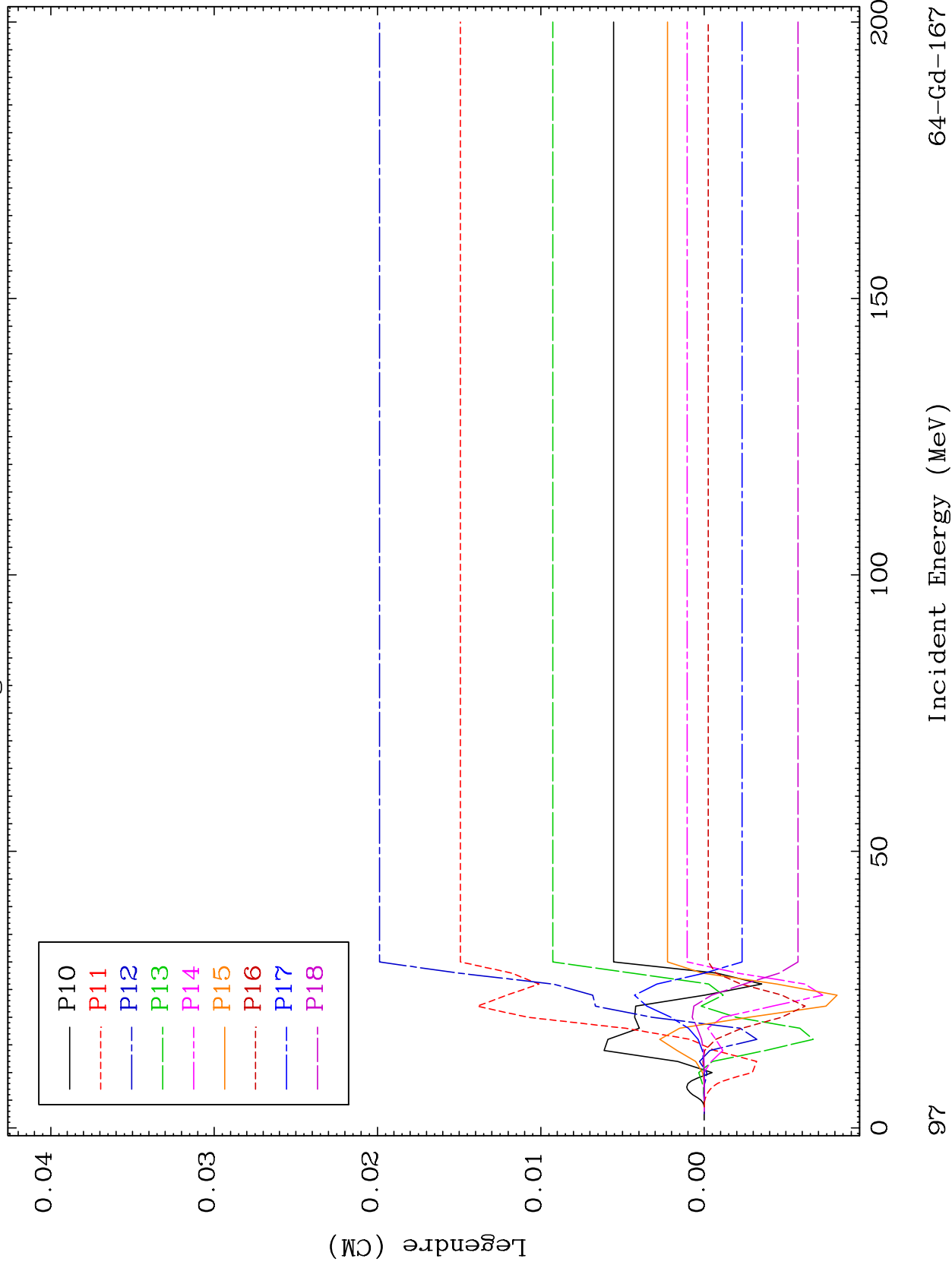
Incident Energy (MeV)

96

MAT 6470

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

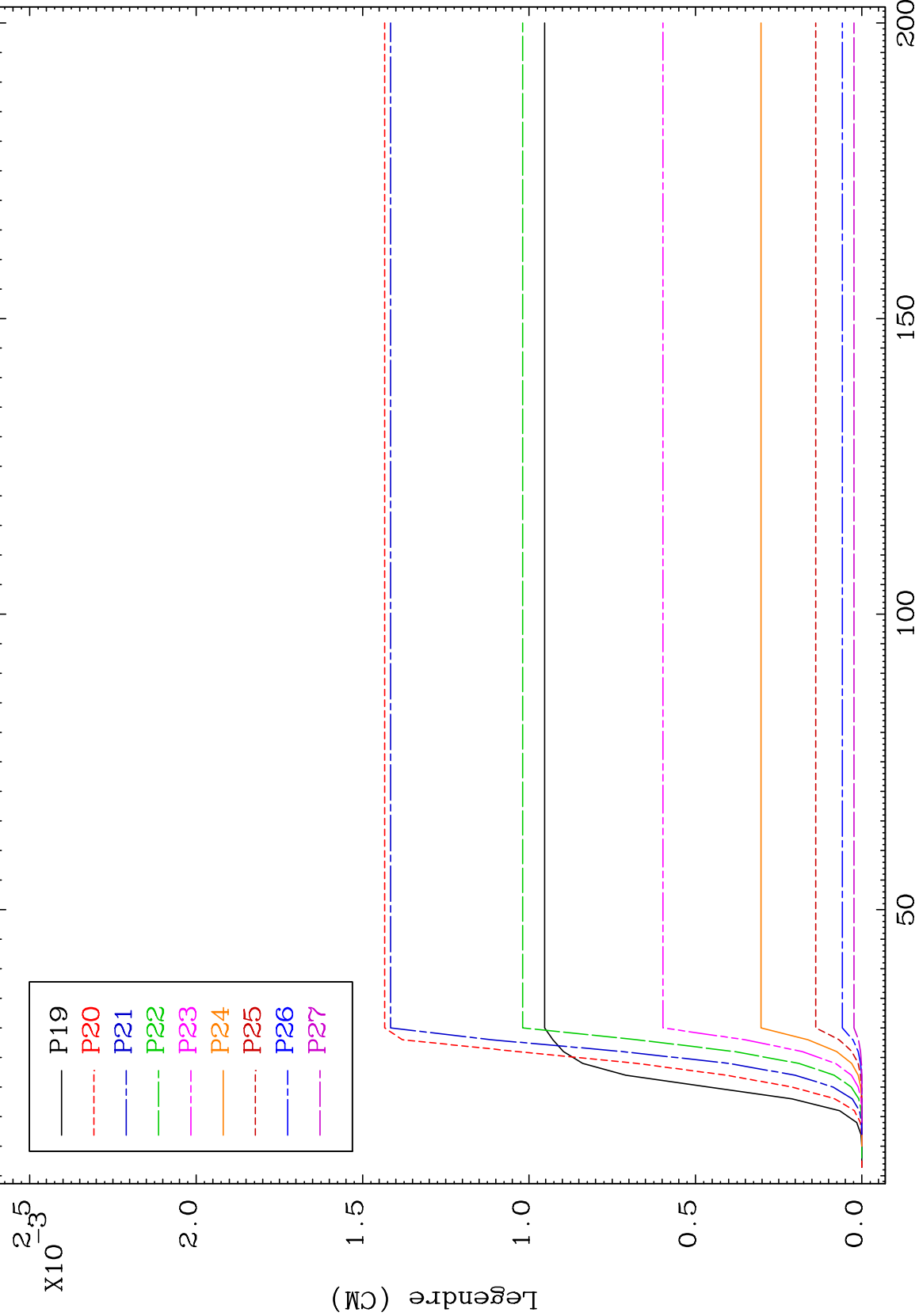
64-Gd-167



97

Incident Energy (MeV)

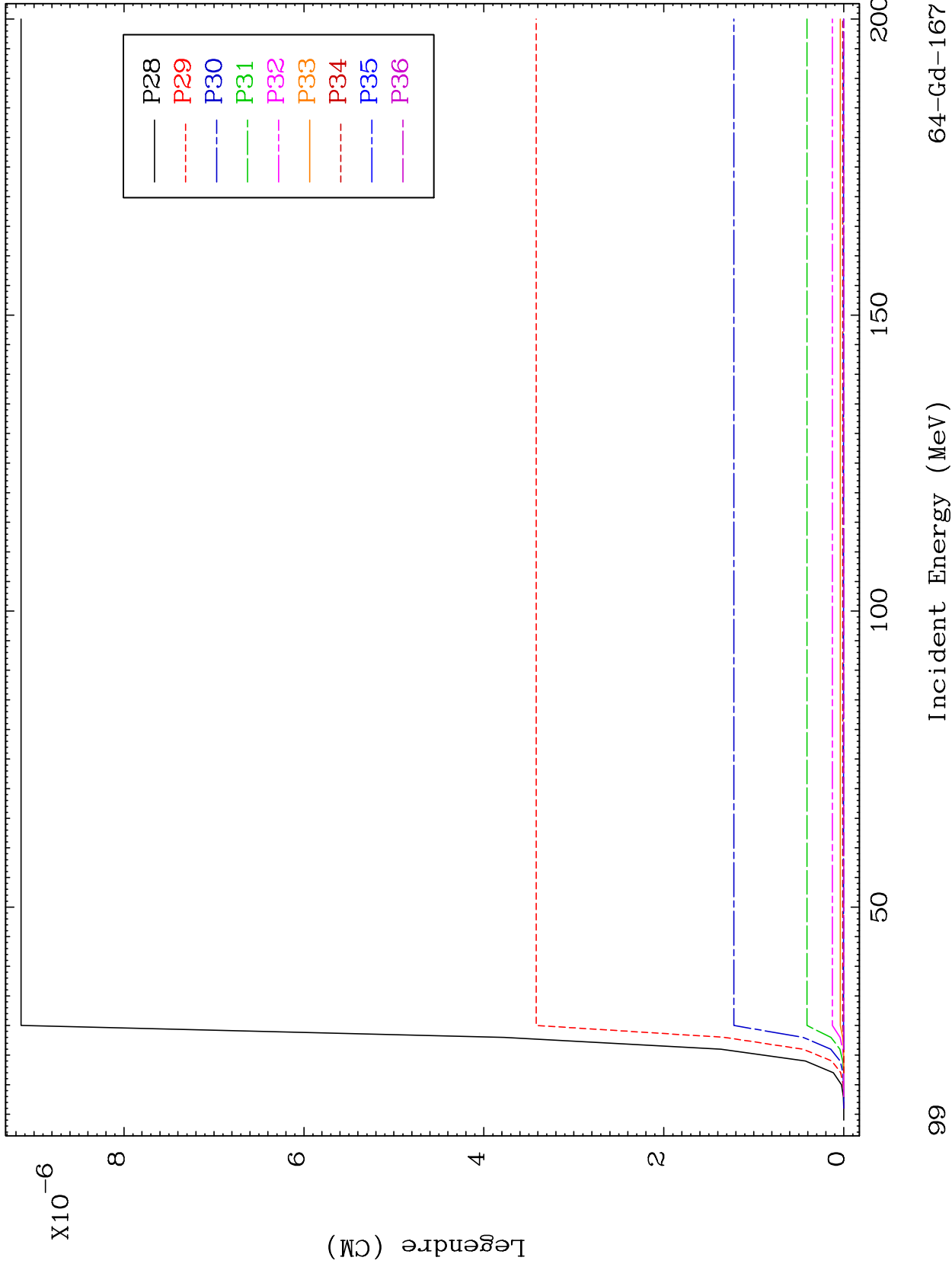
64-Gd-167



MAT 6470

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

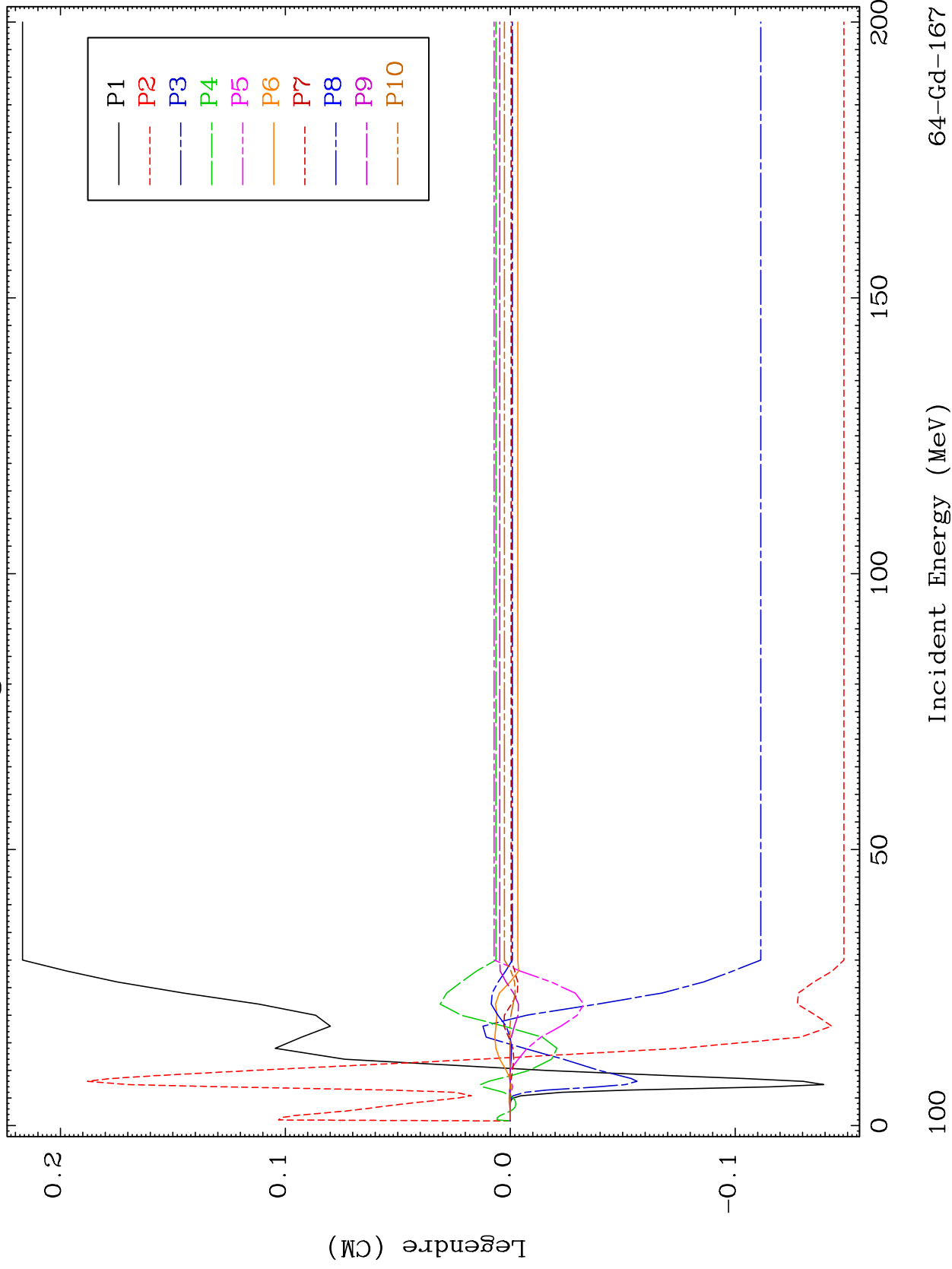
64-Gd-167



MAT 6470

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

64-Gd-167

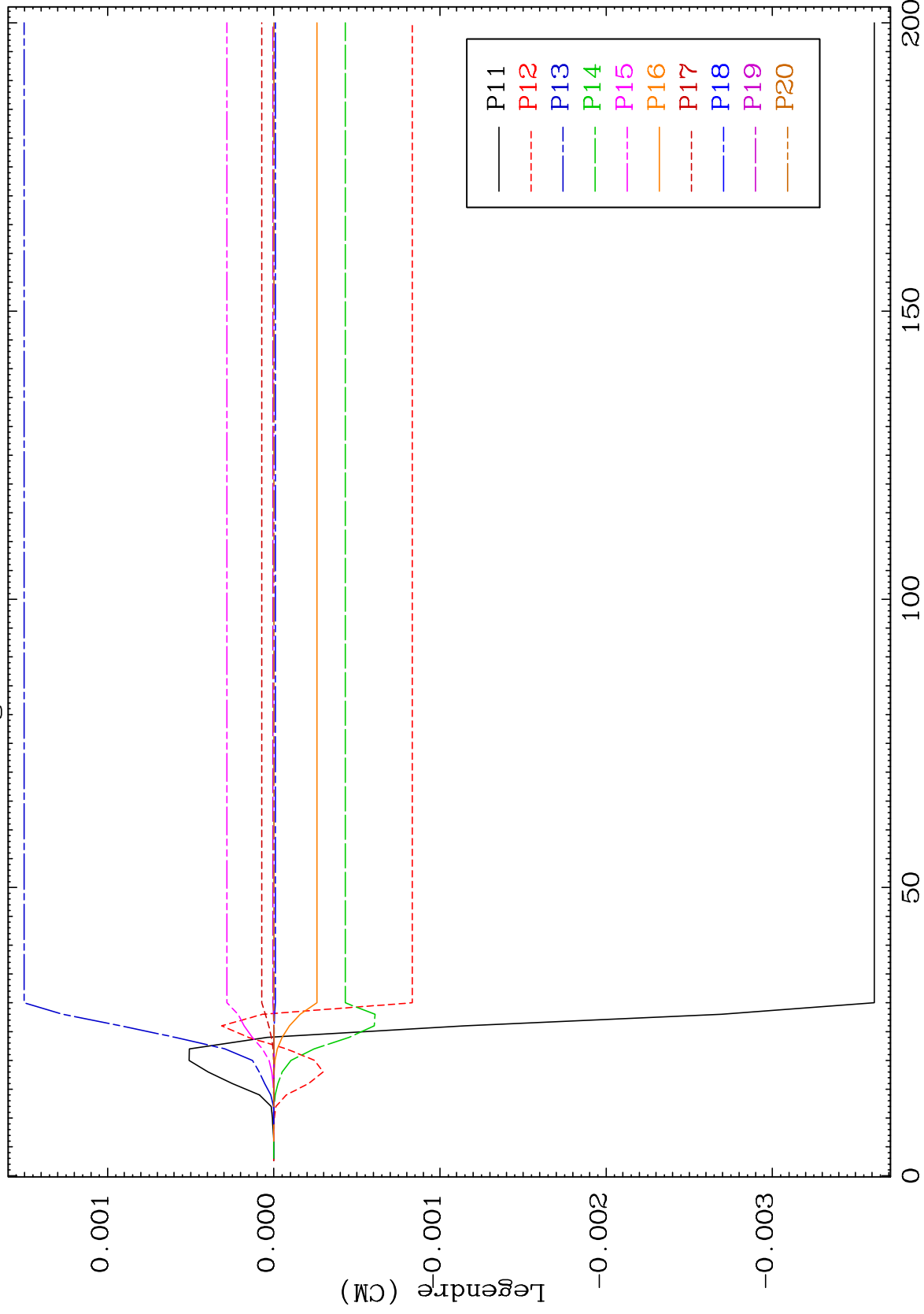


64-Gd-167

MAT 6470

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

64-Gd-167



101

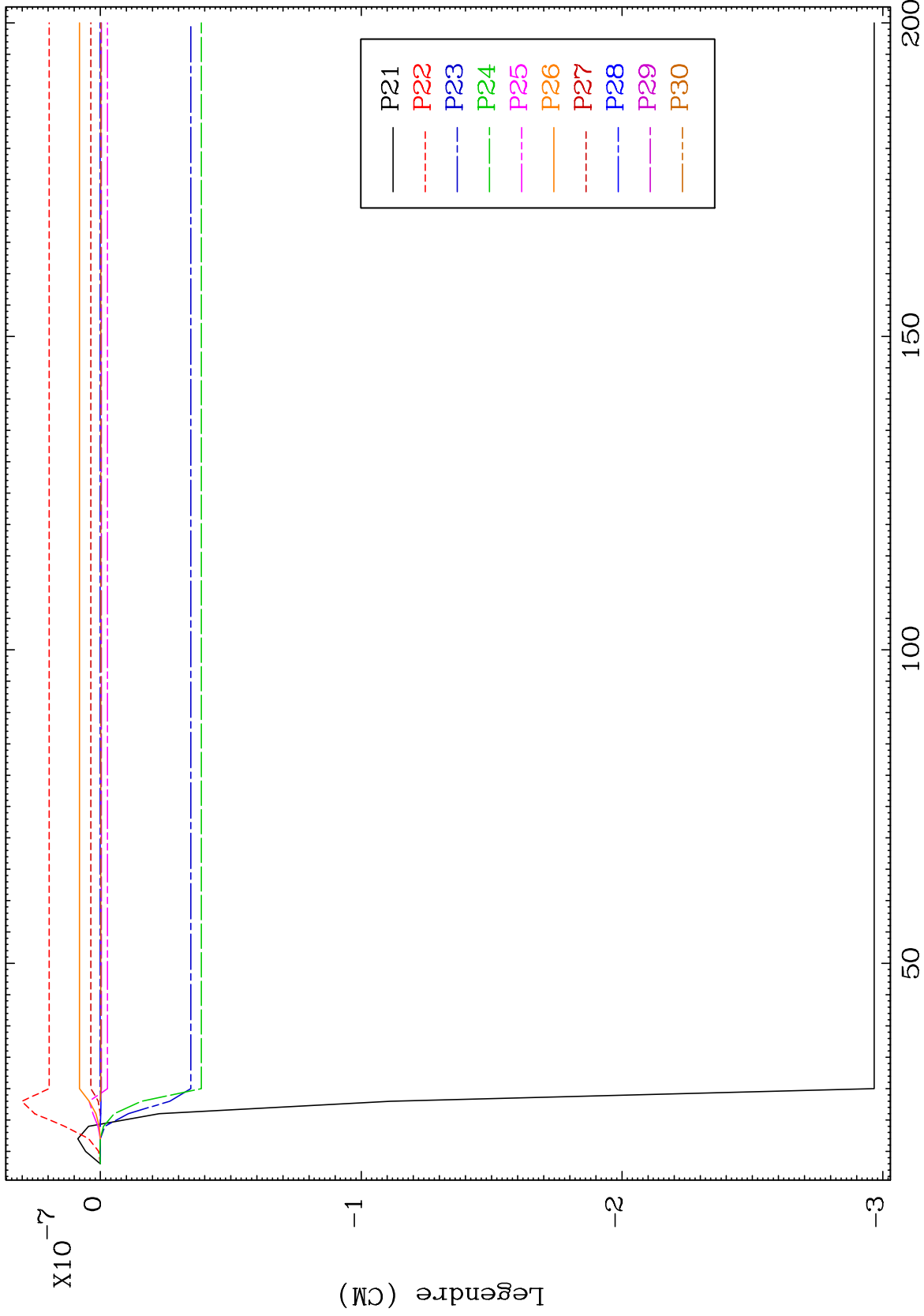
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



102

64-Gd-167

64-Gd-167

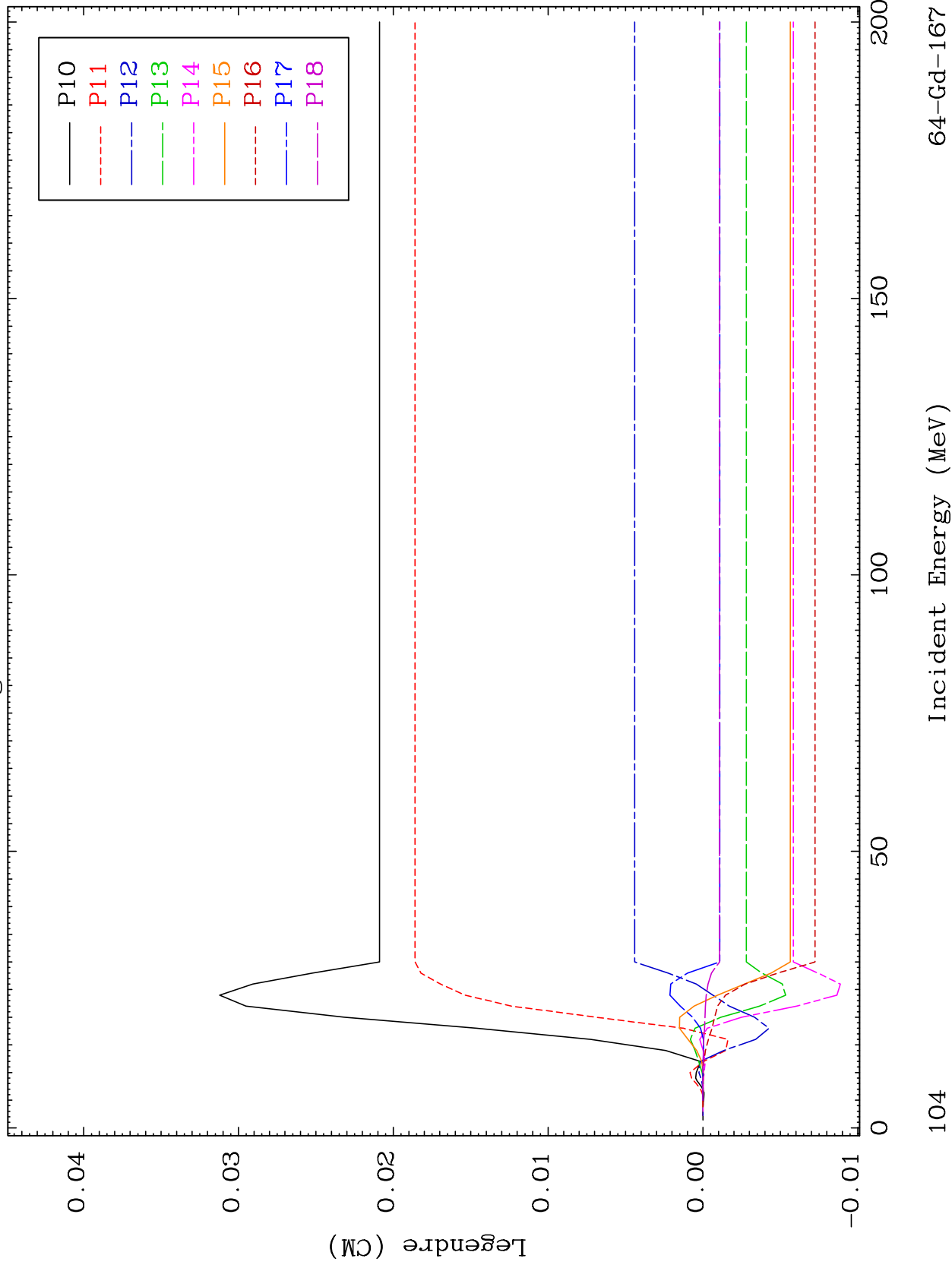




MAT 6470

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

64-Gd-167



104

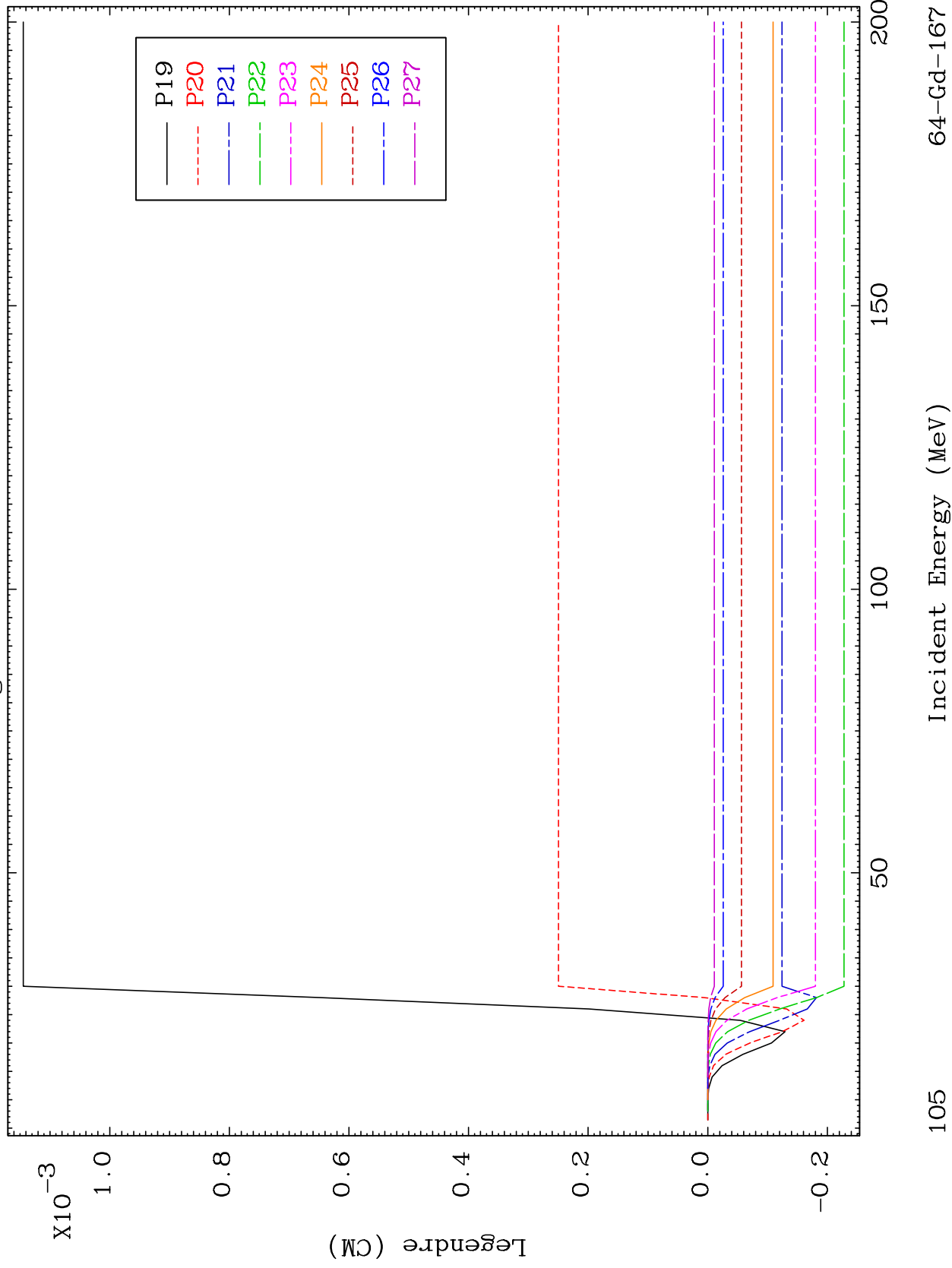
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

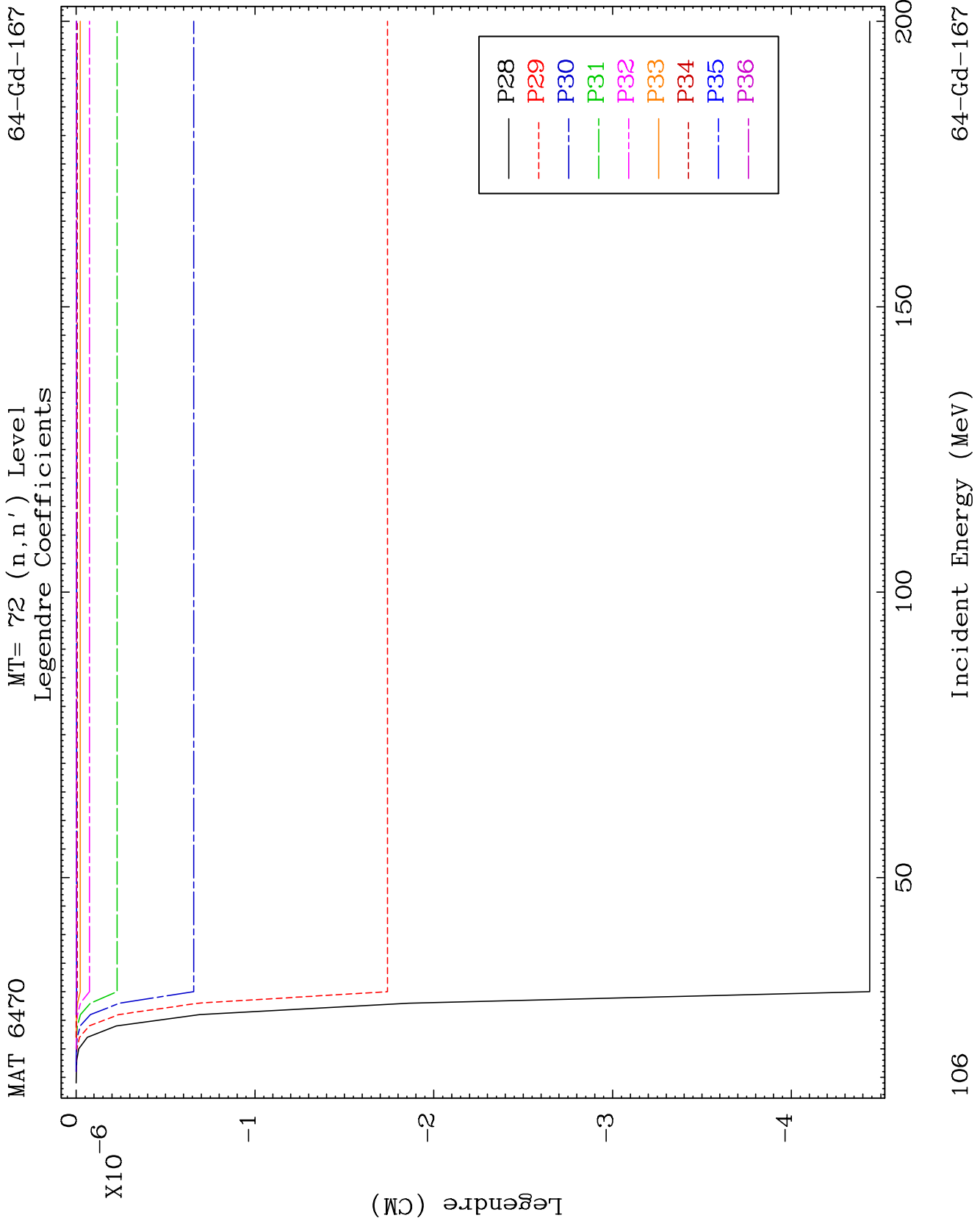
64-Gd-167



105

Incident Energy (MeV)

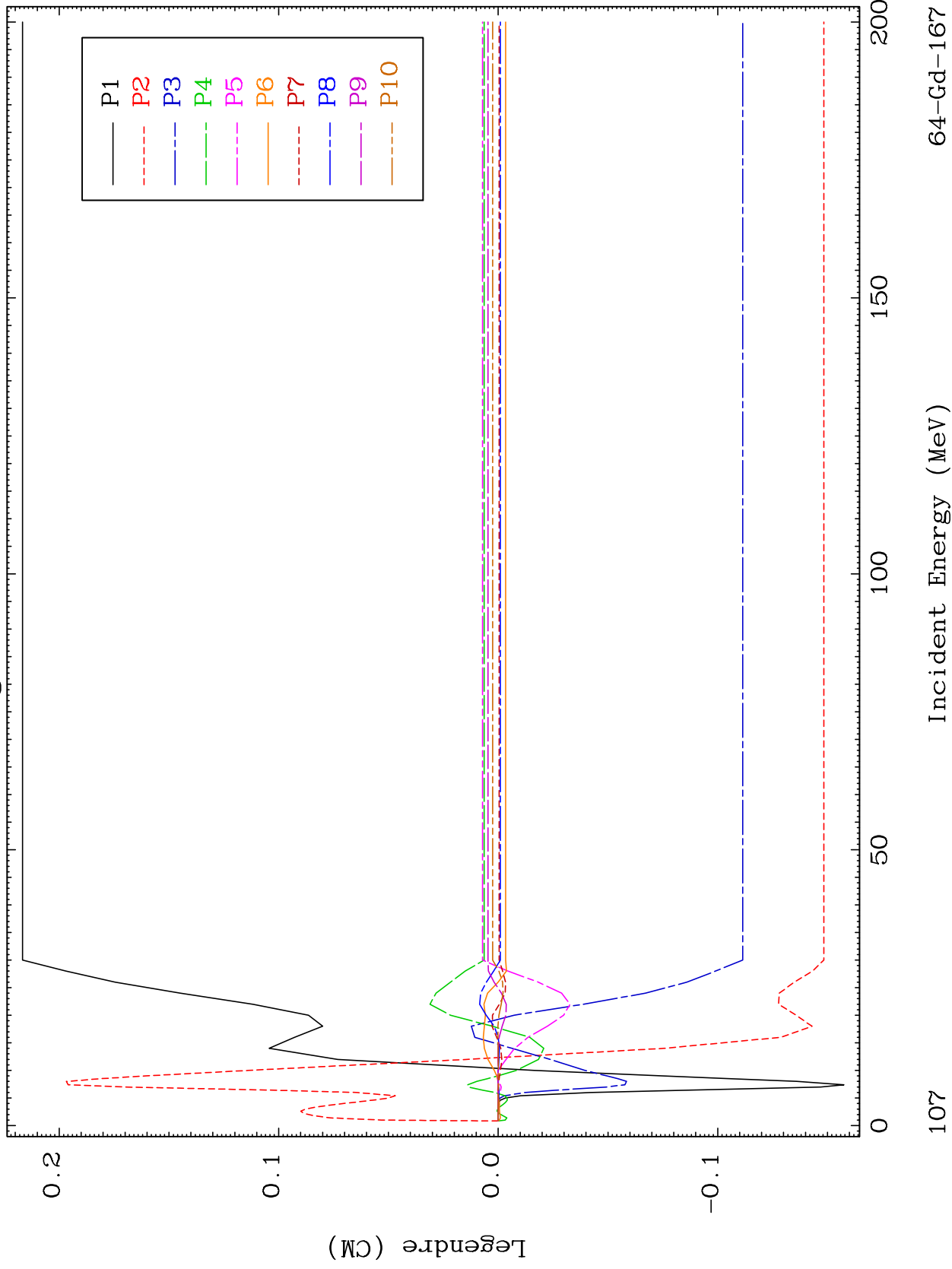
64-Gd-167



MAT 6470

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

64-Gd-167



64-Gd-167

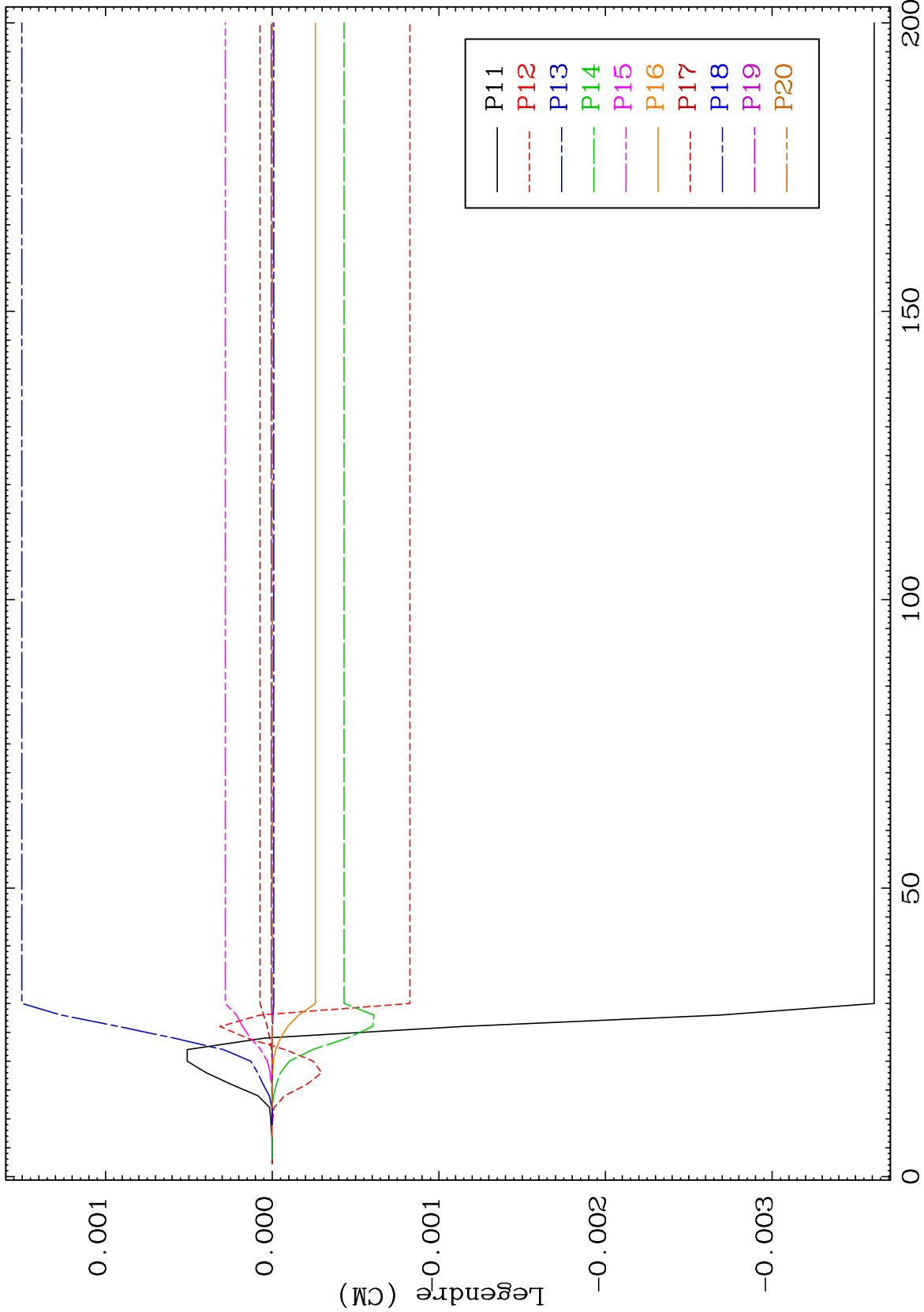
Incident Energy (MeV)

107

MAT 6470

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

64-Gd-167



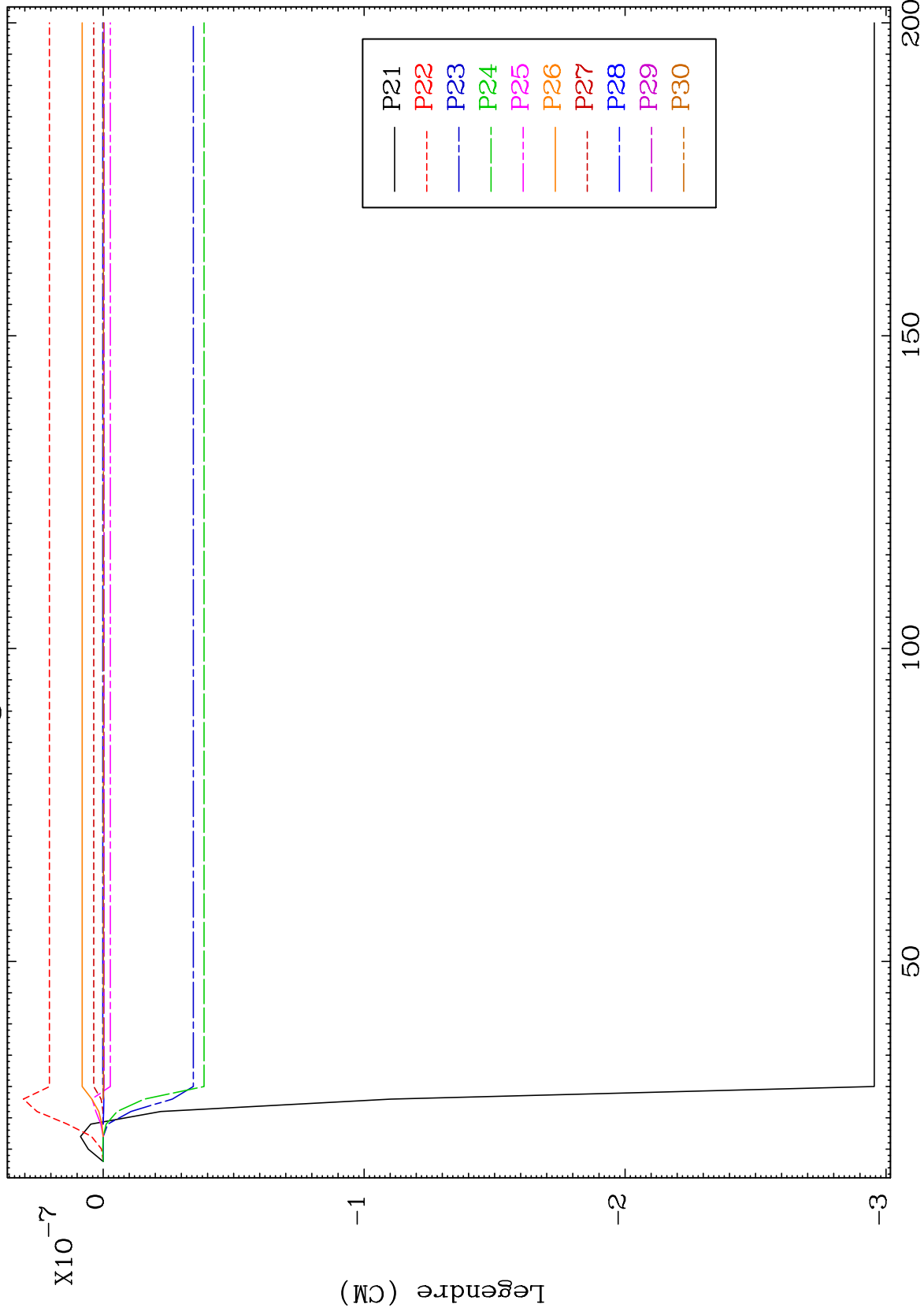
108

64-Gd-167

MAT 6470

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

64-Gd-167



109

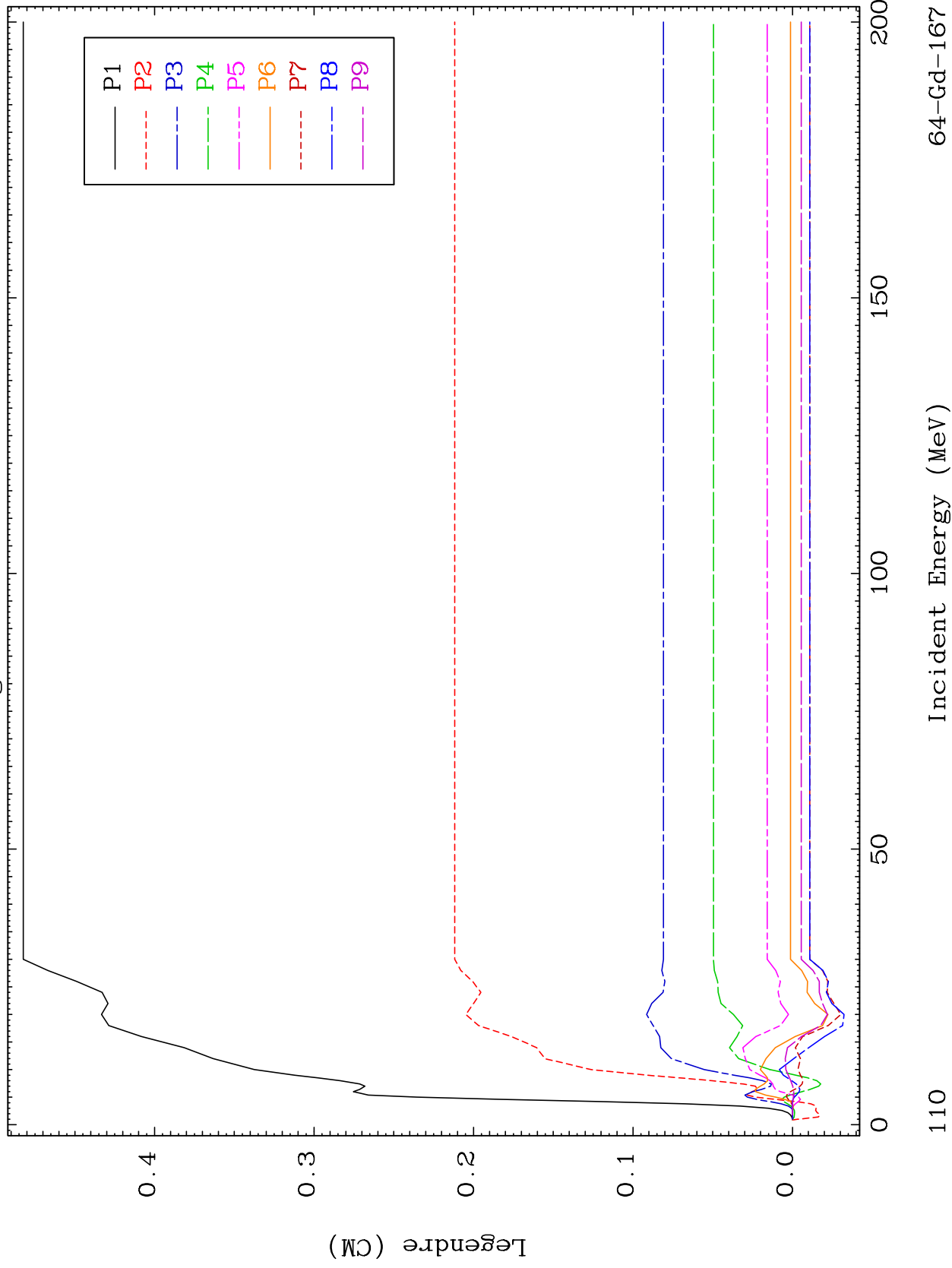
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



64-Gd-167

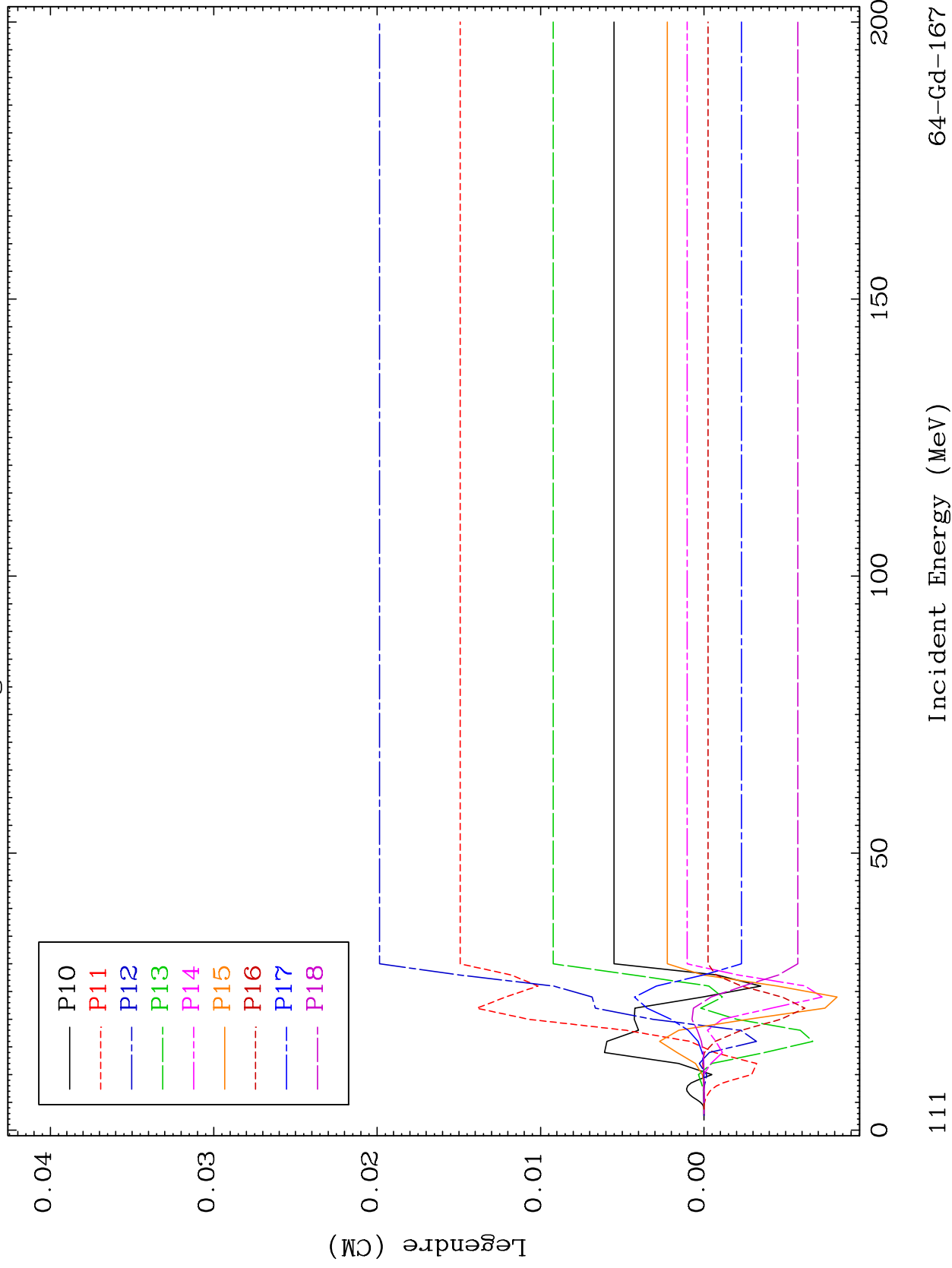
Incident Energy (MeV)

110

MAT 6470

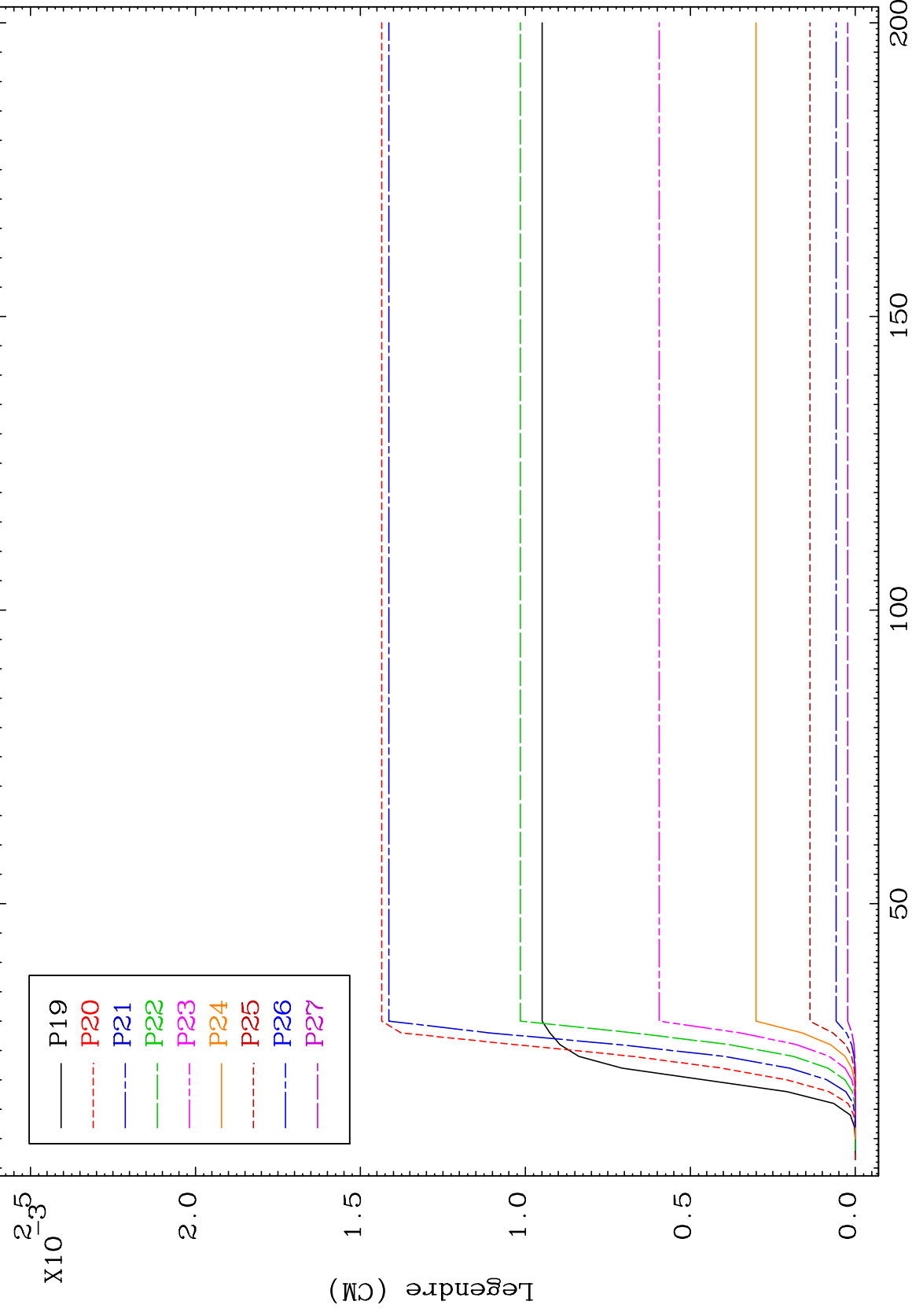
MT= 74 (n,n') Level  
Legendre Coefficients

64-Gd-167



111

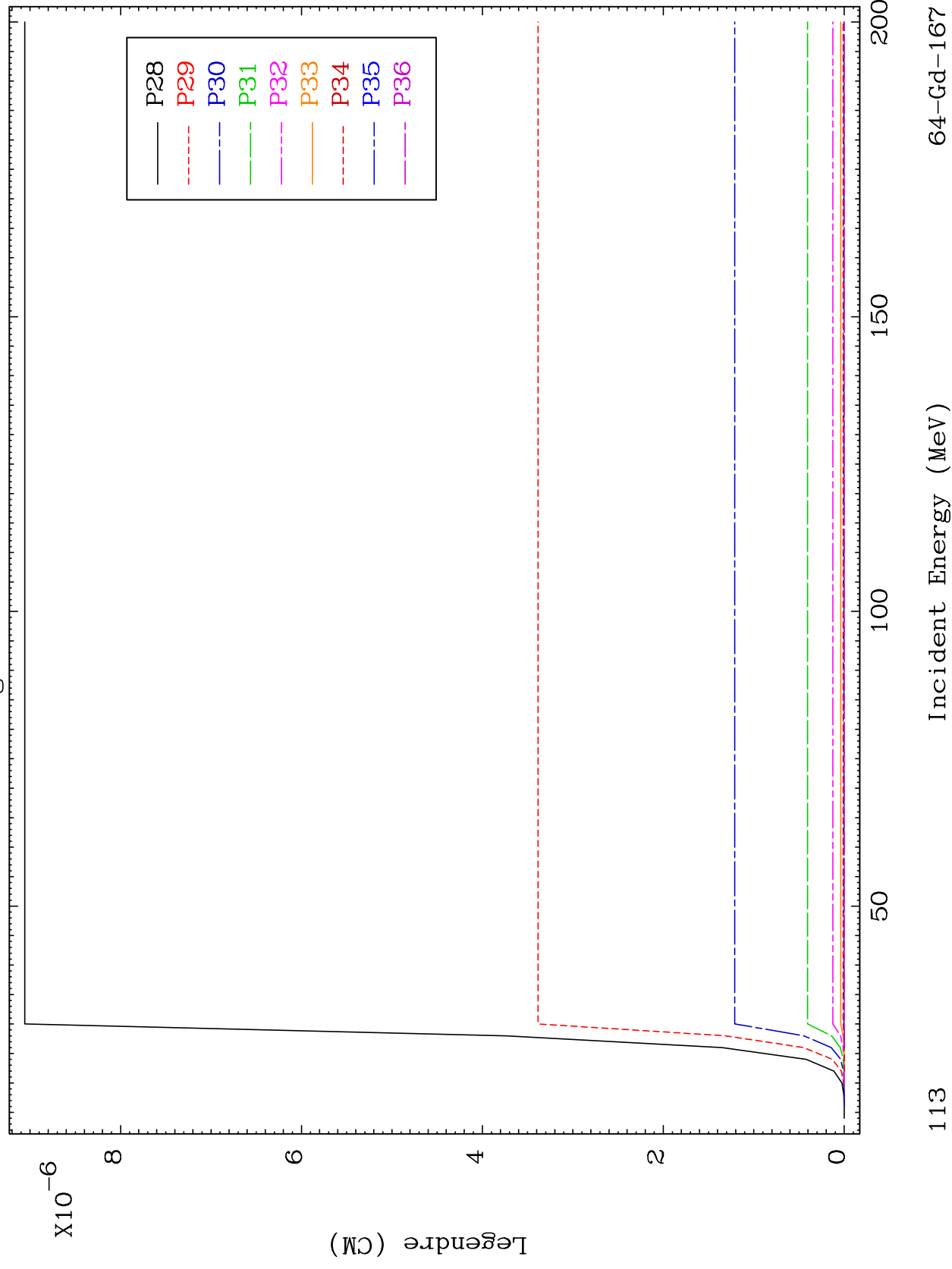




MAT 6470

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

64-Gd-167



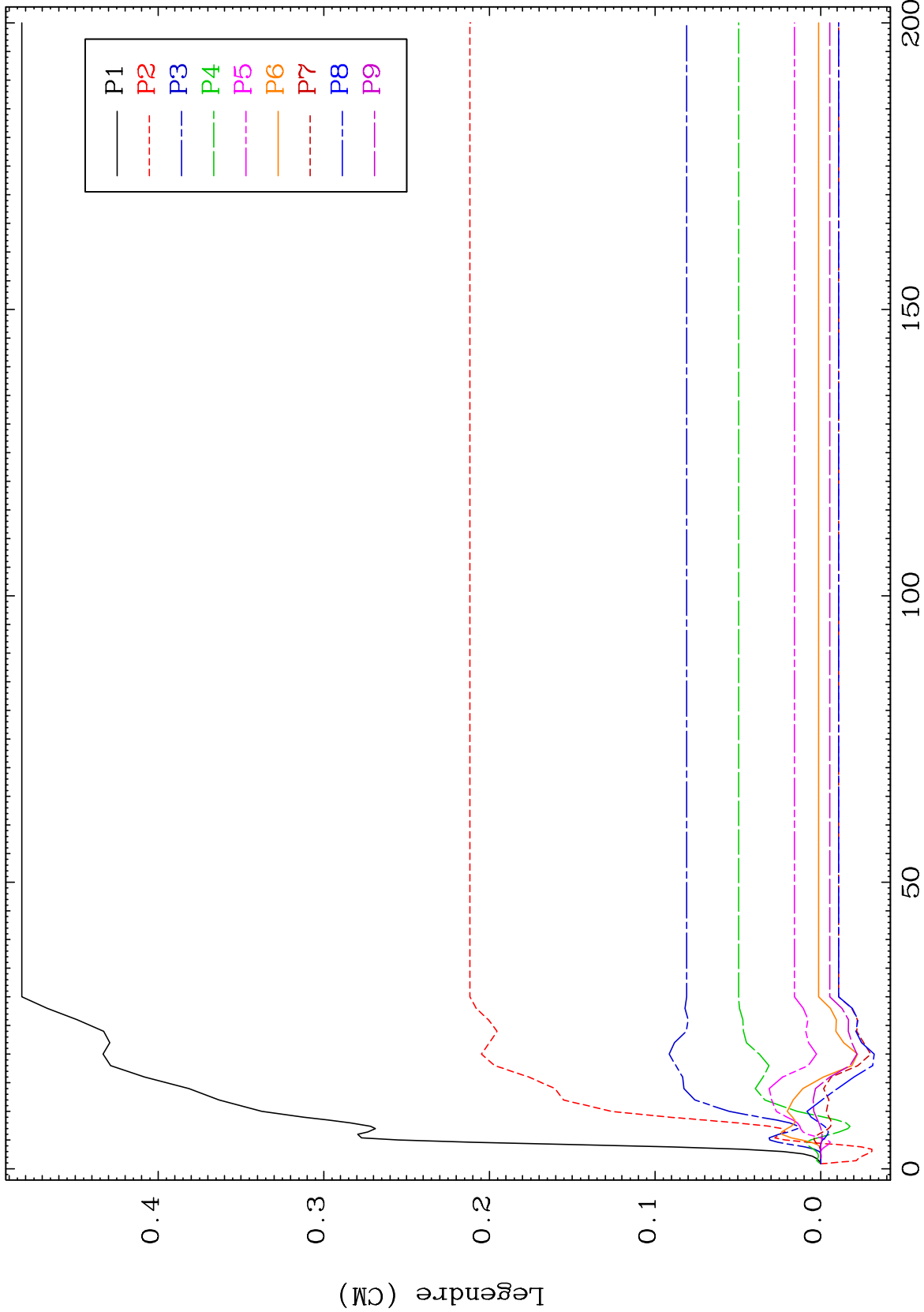
113

64-Gd-167

MAT 6470

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

64-Gd-167



114

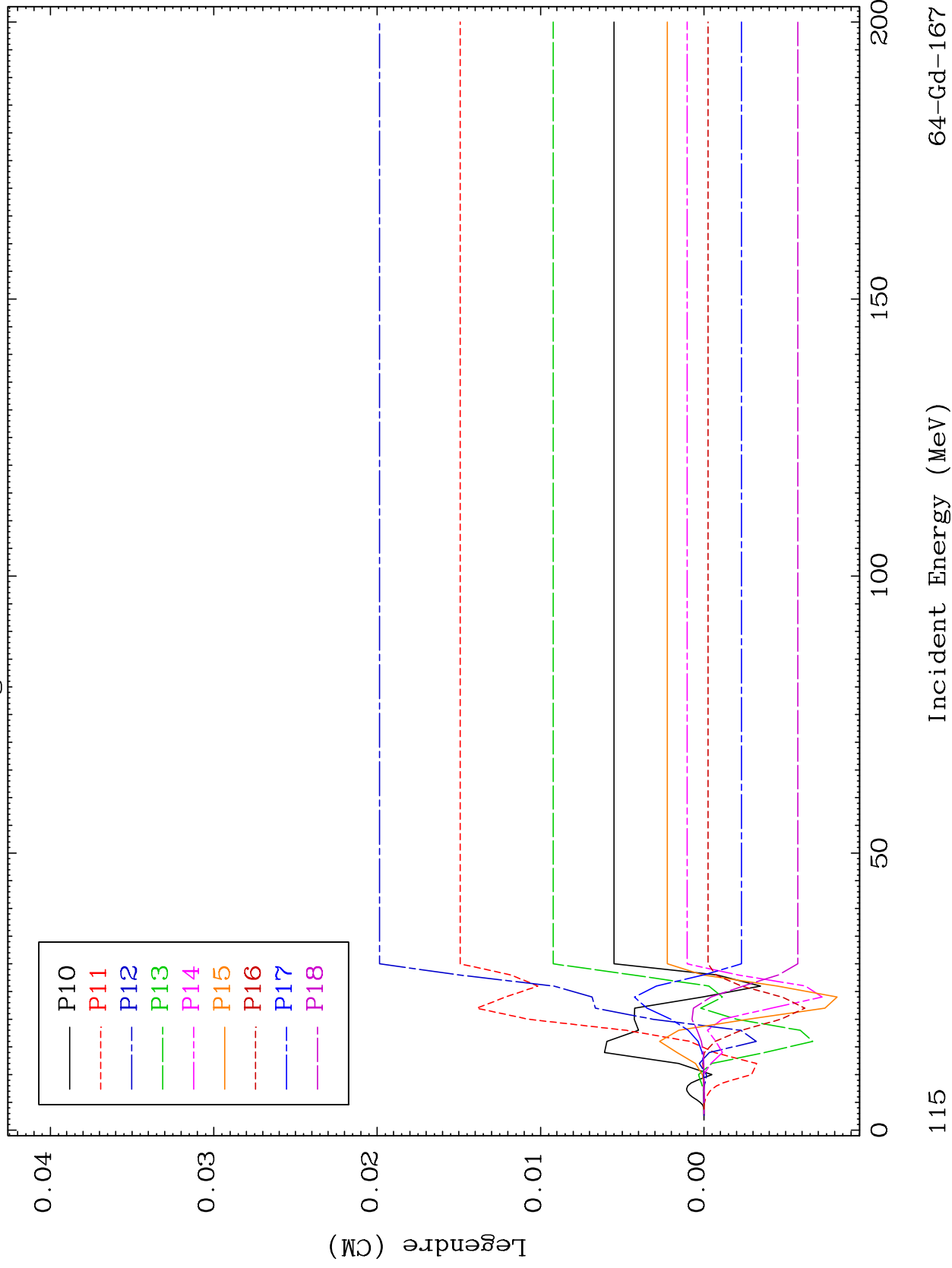
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



115

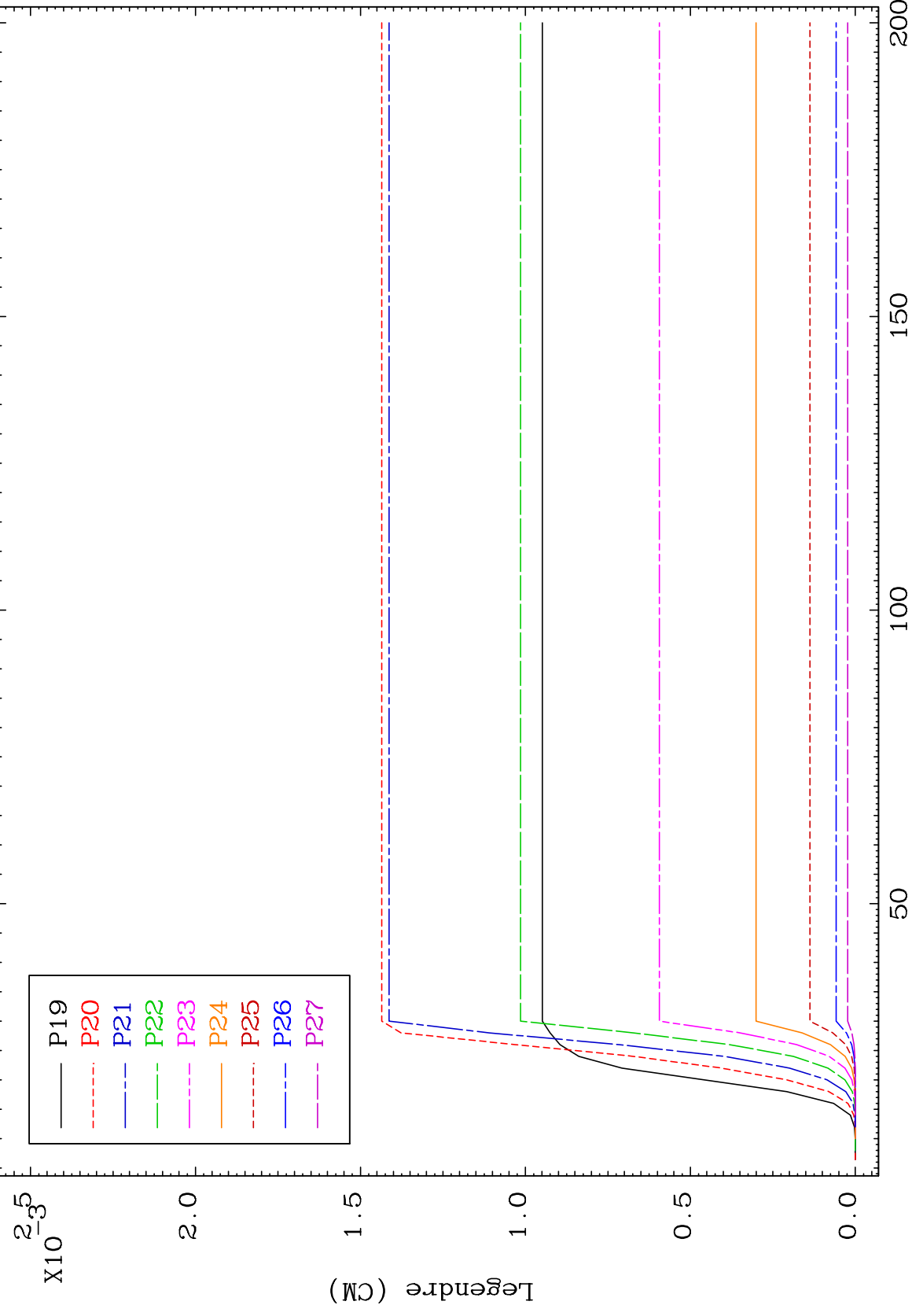
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



116

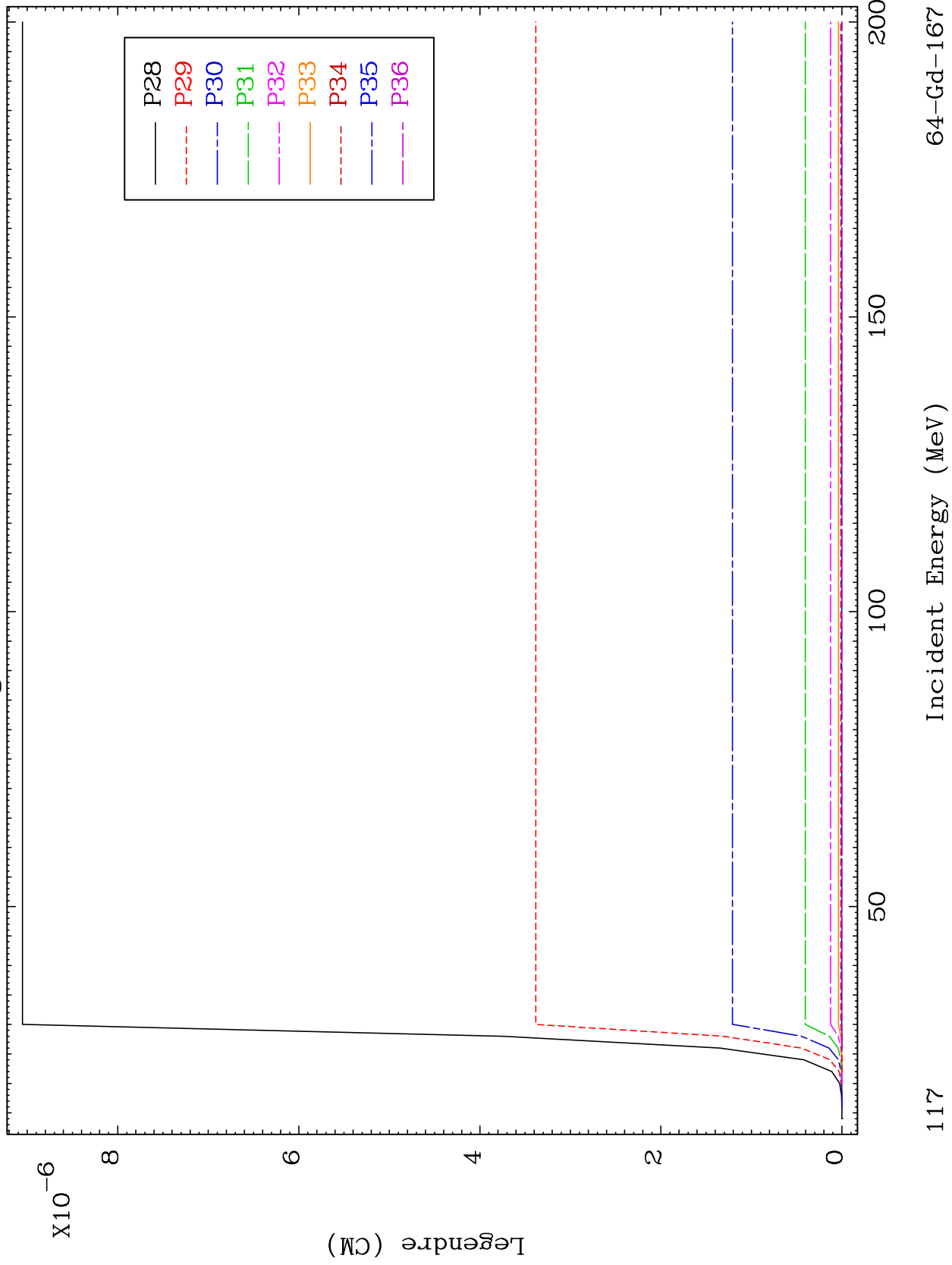
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



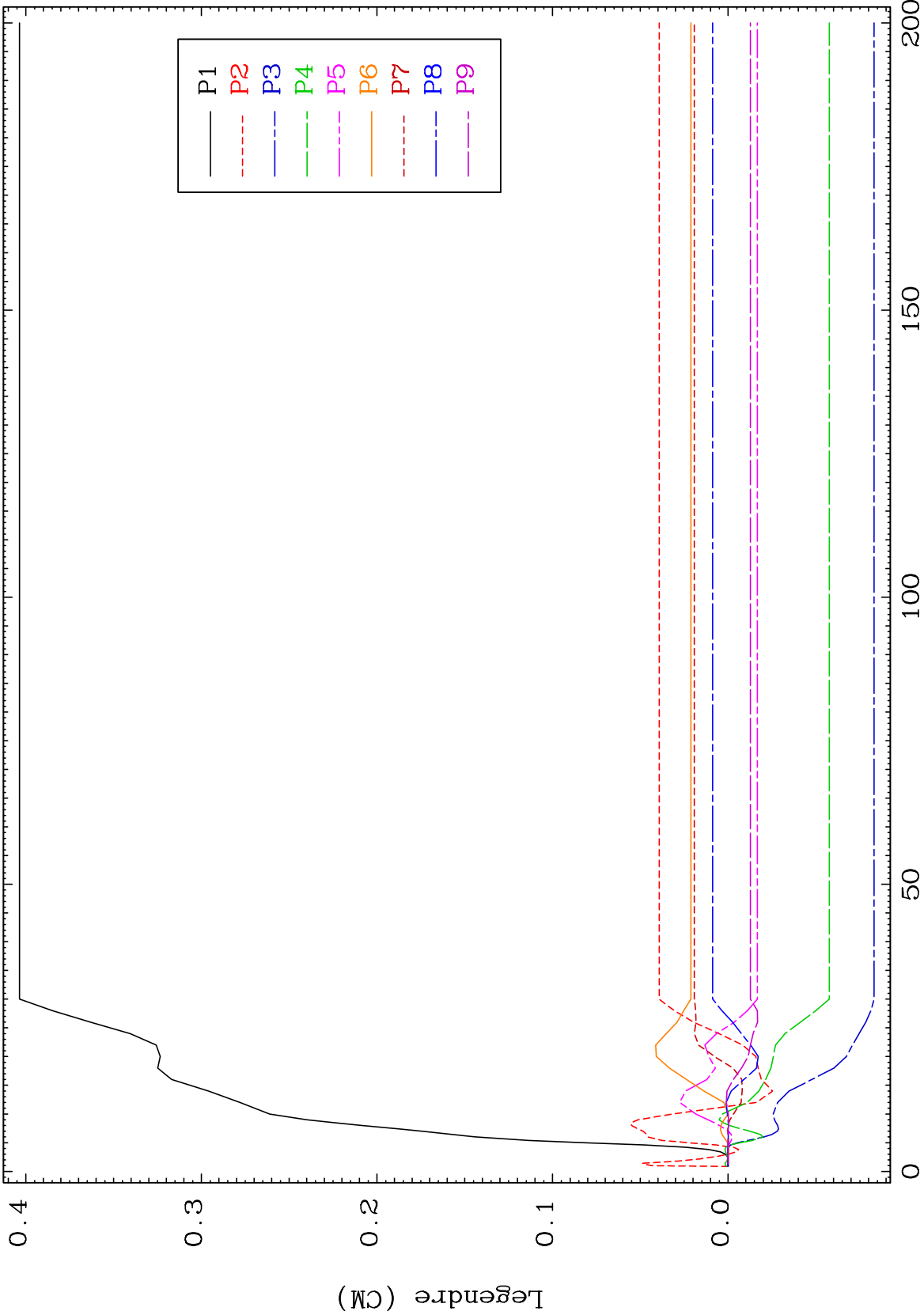
117

64-Gd-167

MAT 6470

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

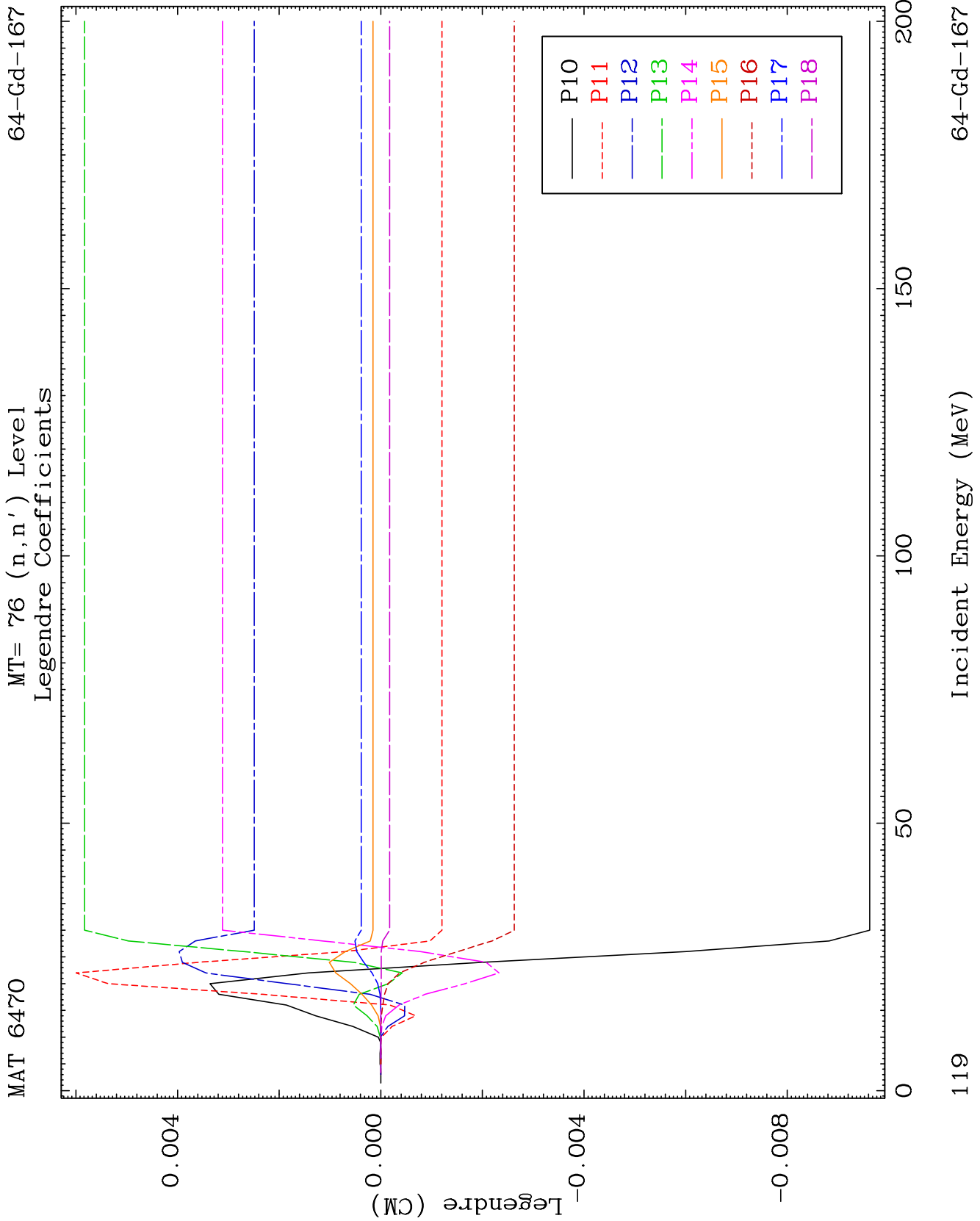
64-Gd-167



118

Incident Energy (MeV)

64-Gd-167

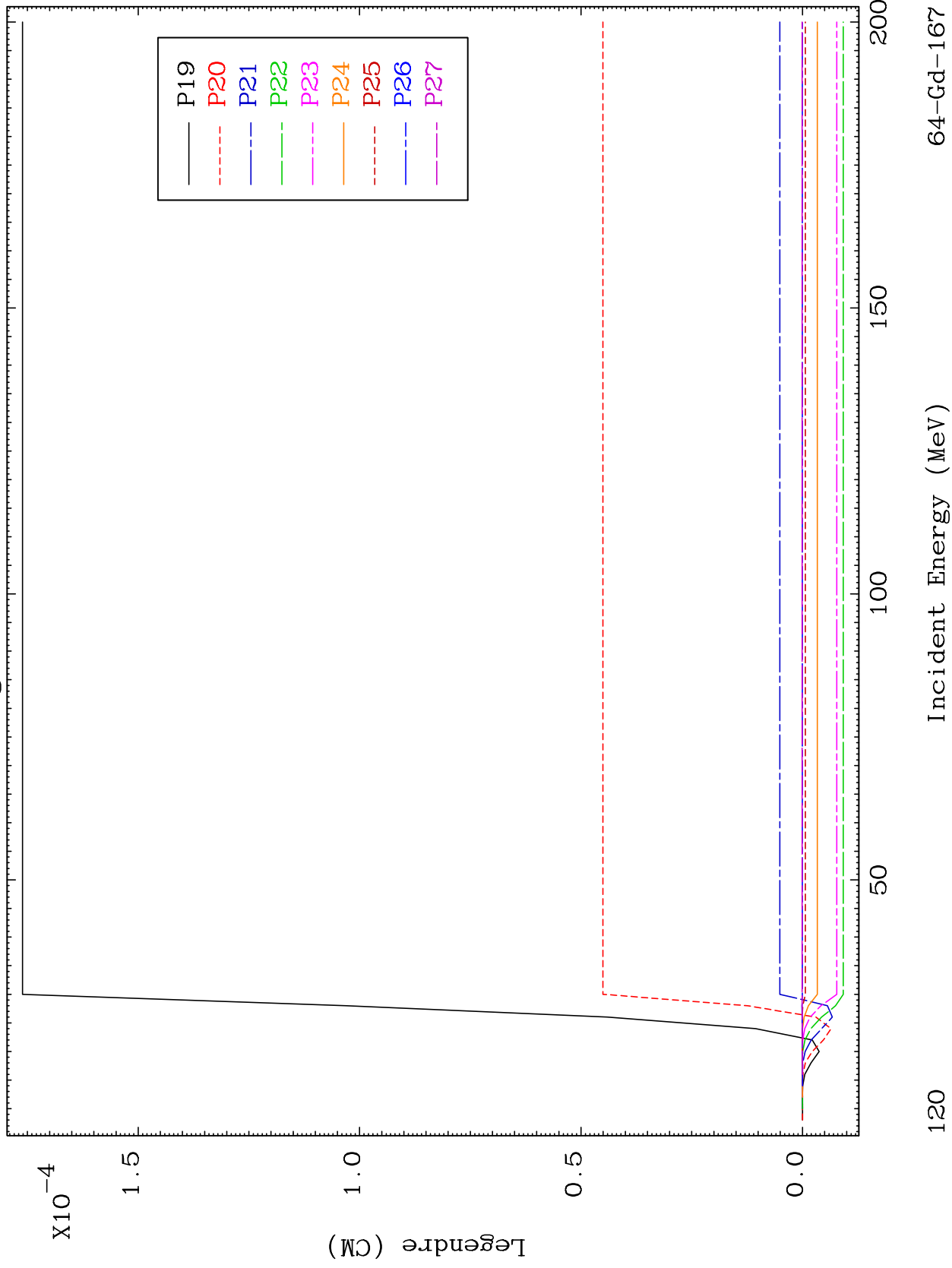




MAT 6470

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

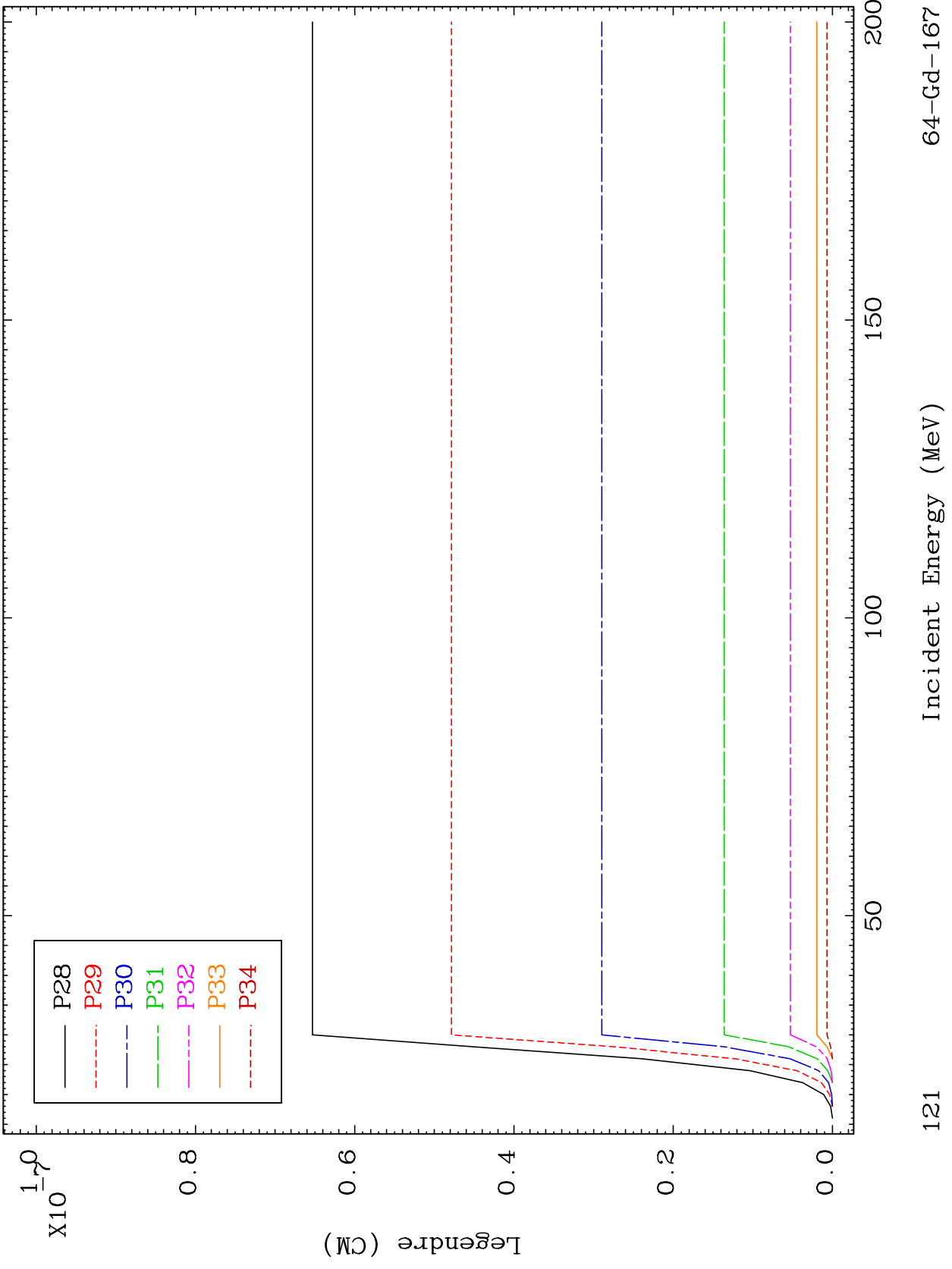
64-Gd-167



MAT 6470

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

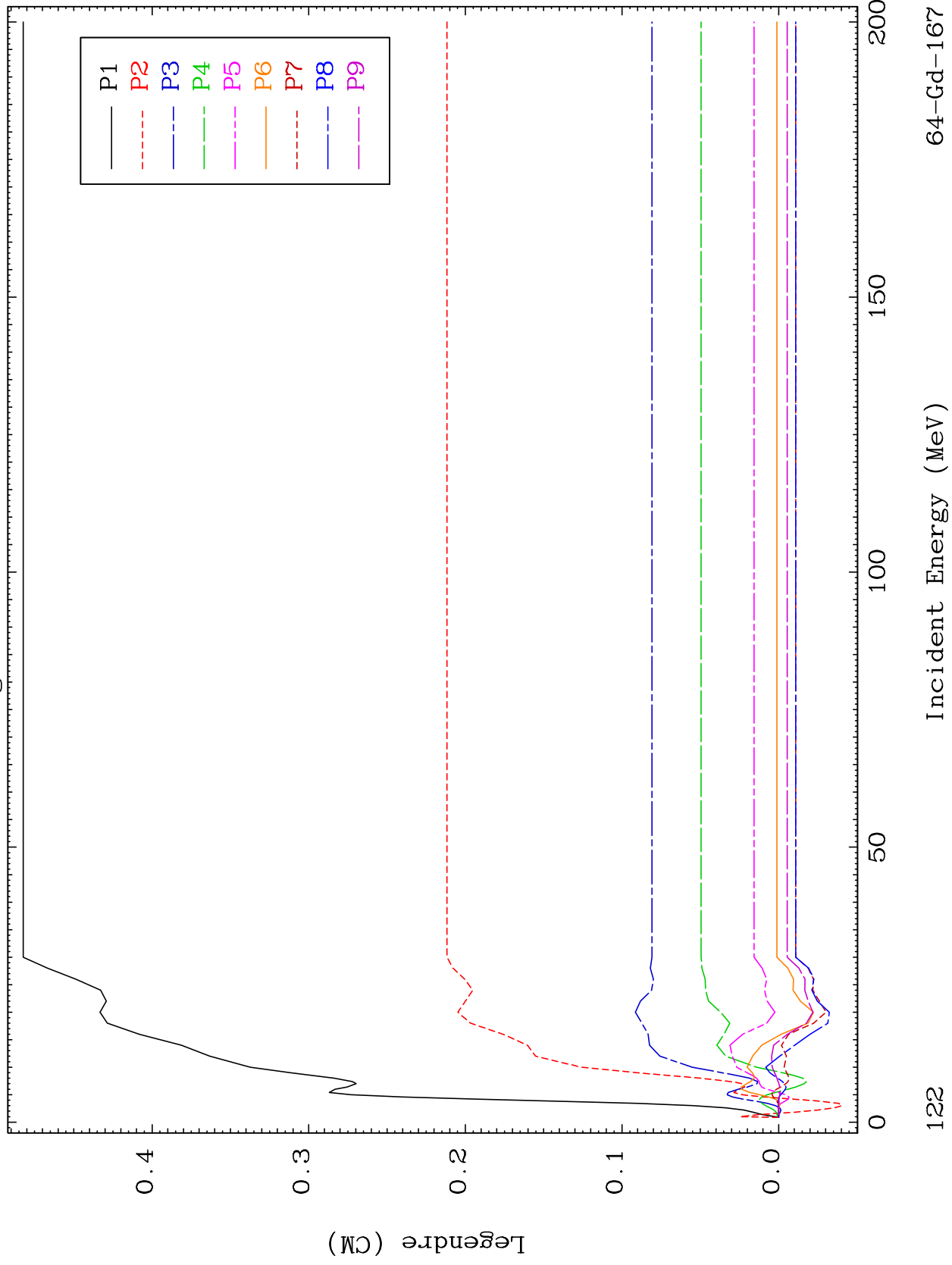
64-Gd-167



MAT 6470

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

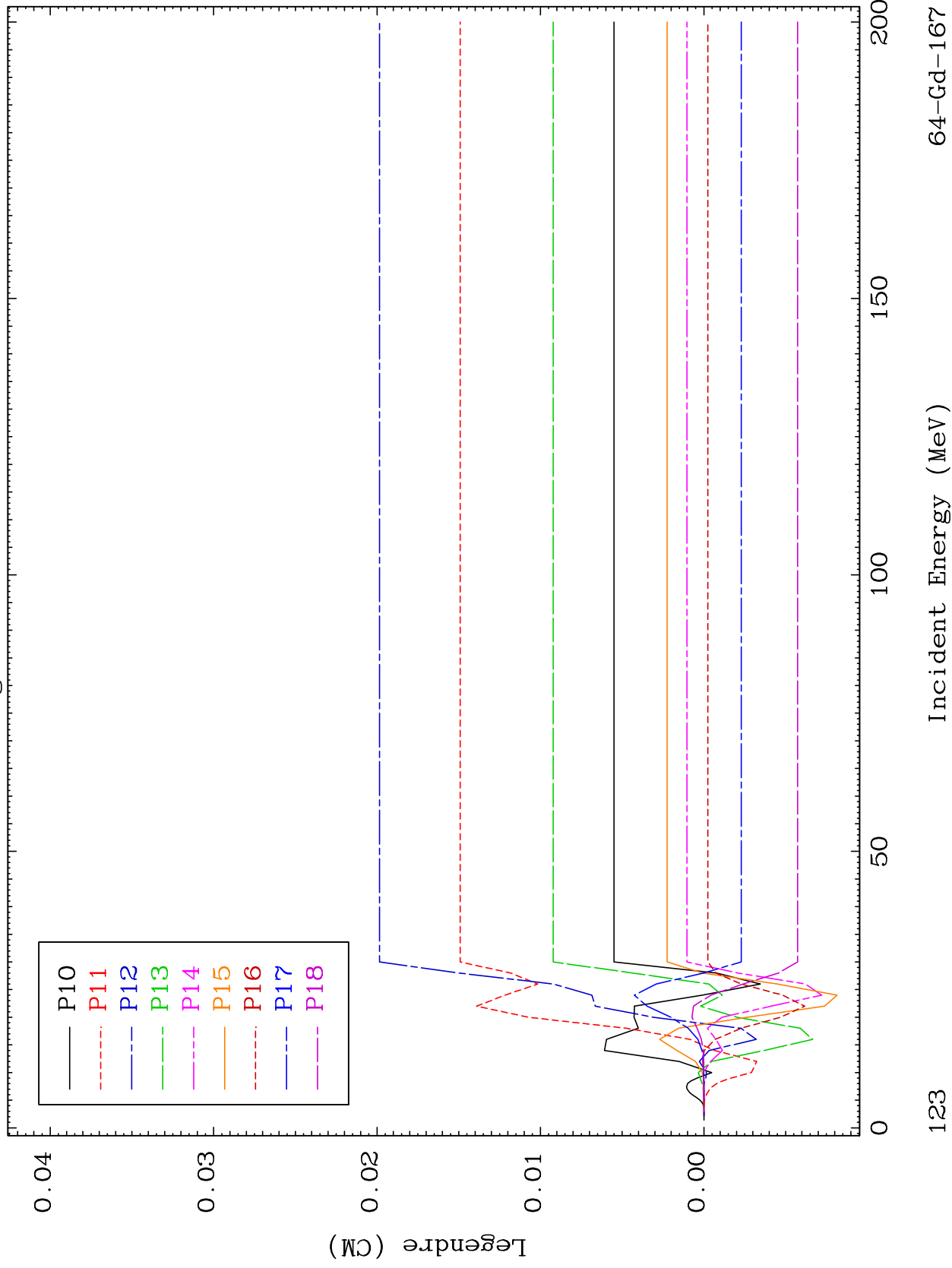
64-Gd-167



MAT 6470

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

64-Gd-167



123

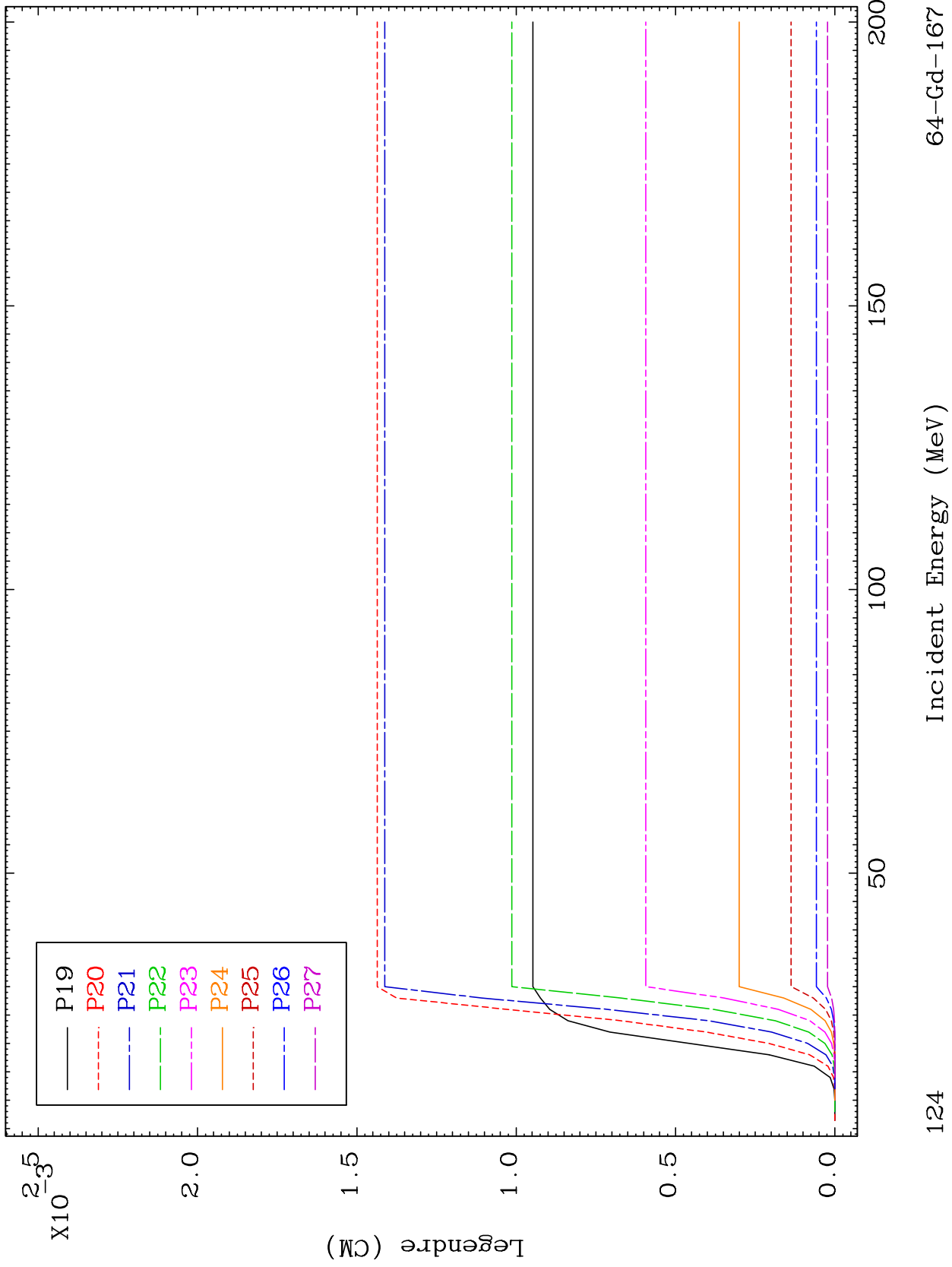
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

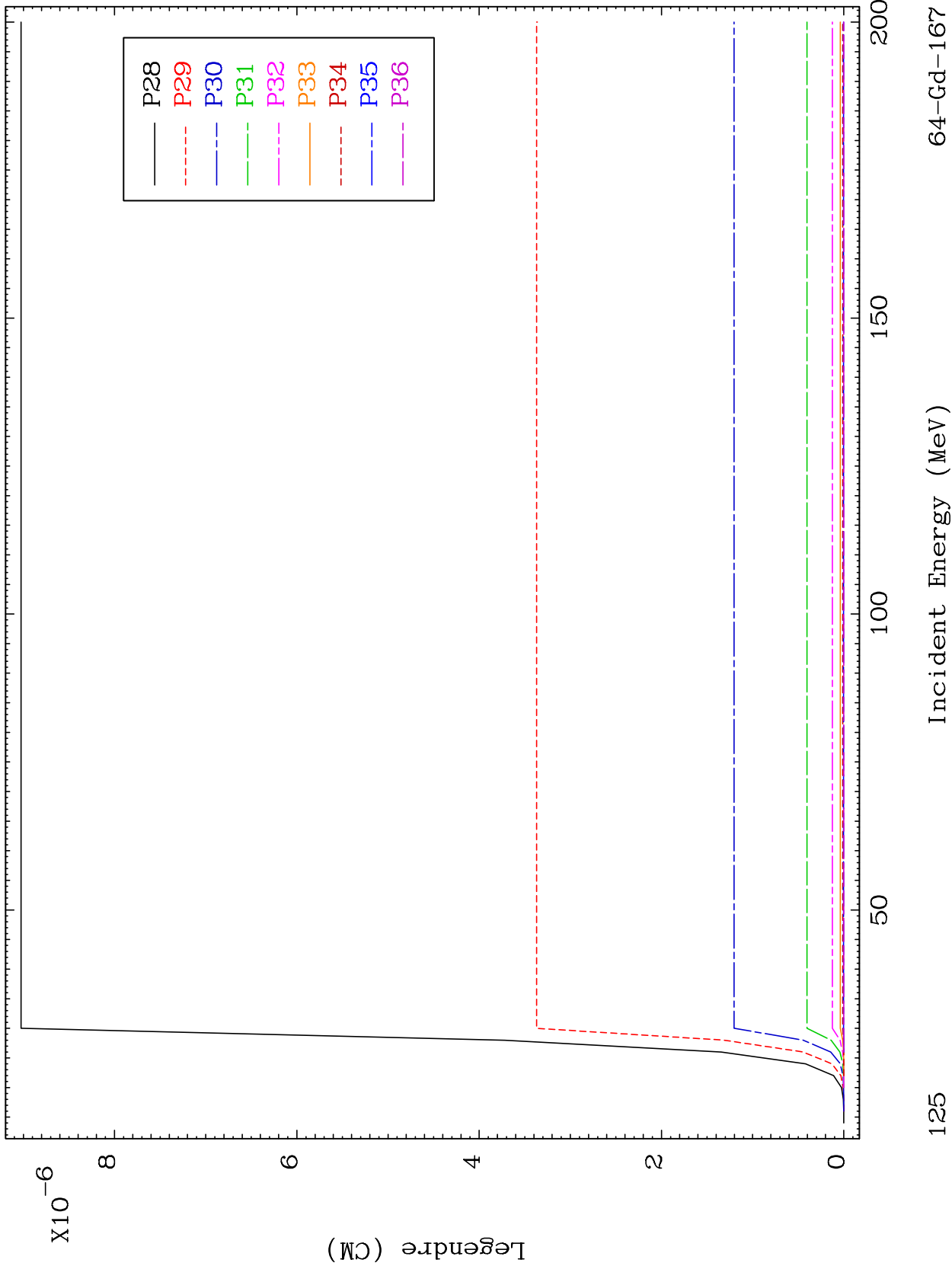
64-Gd-167



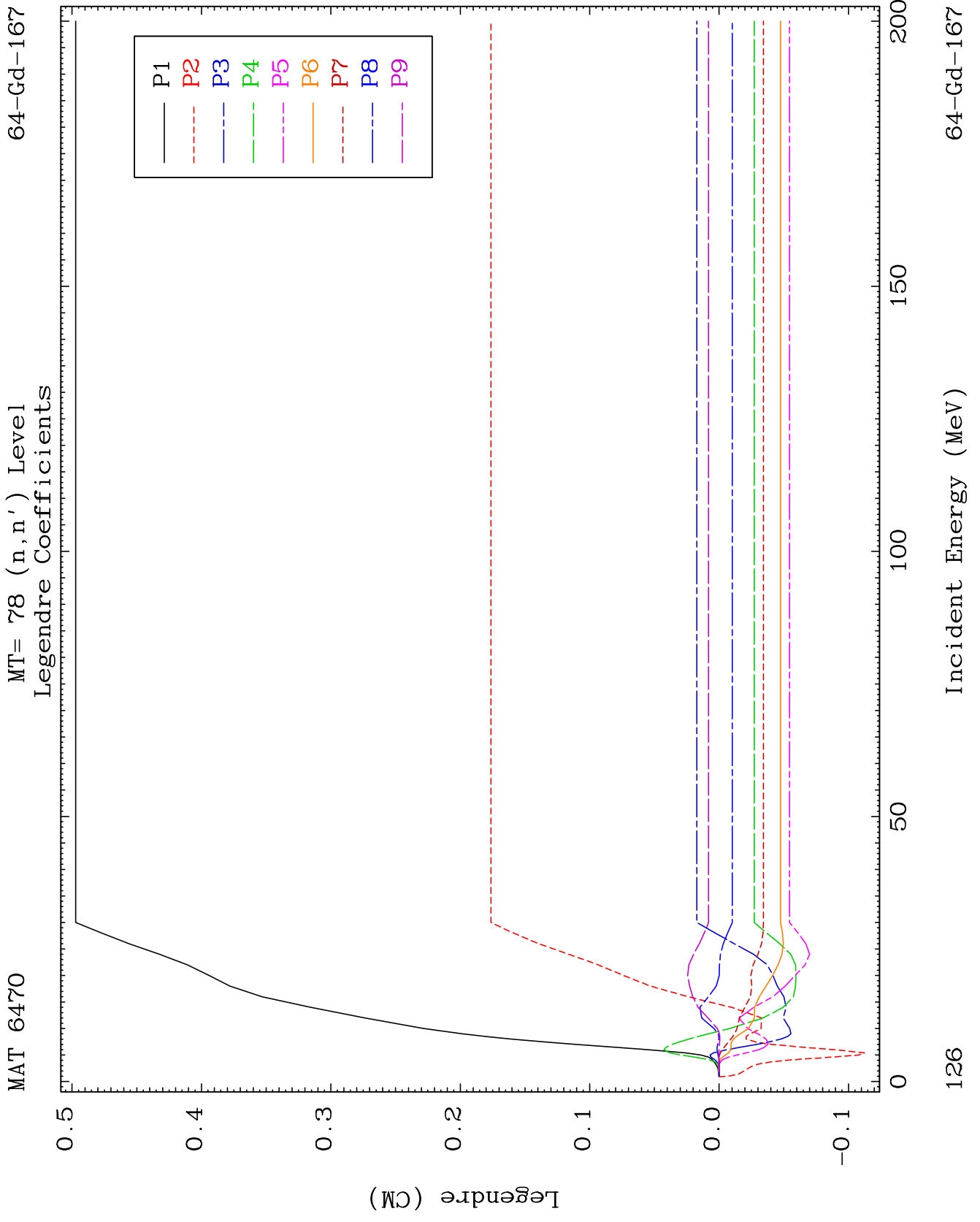
MAT 6470

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

64-Gd-167



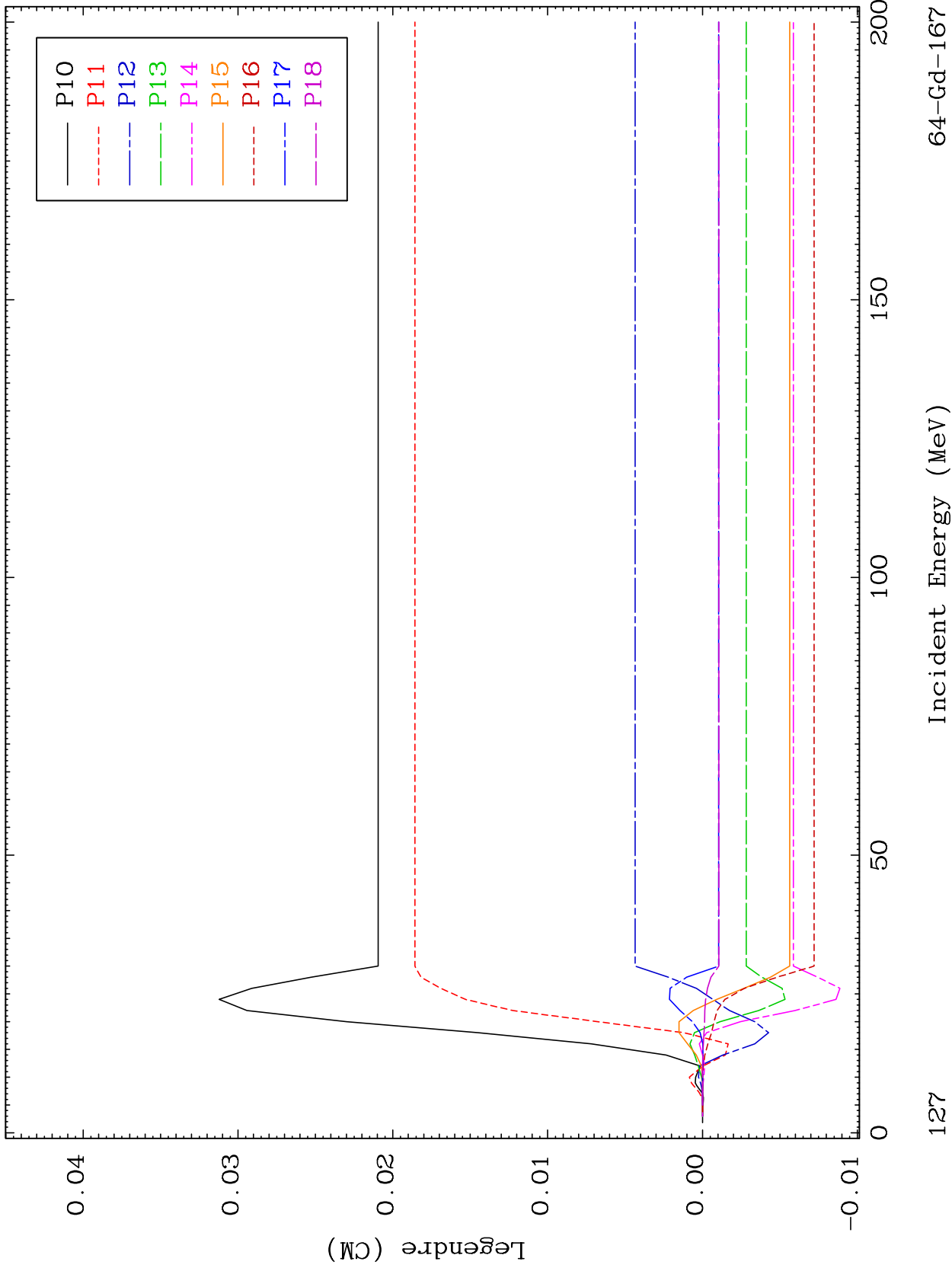
64-Gd-167



MAT 6470

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

64-Gd-167



127

Incident Energy (MeV)

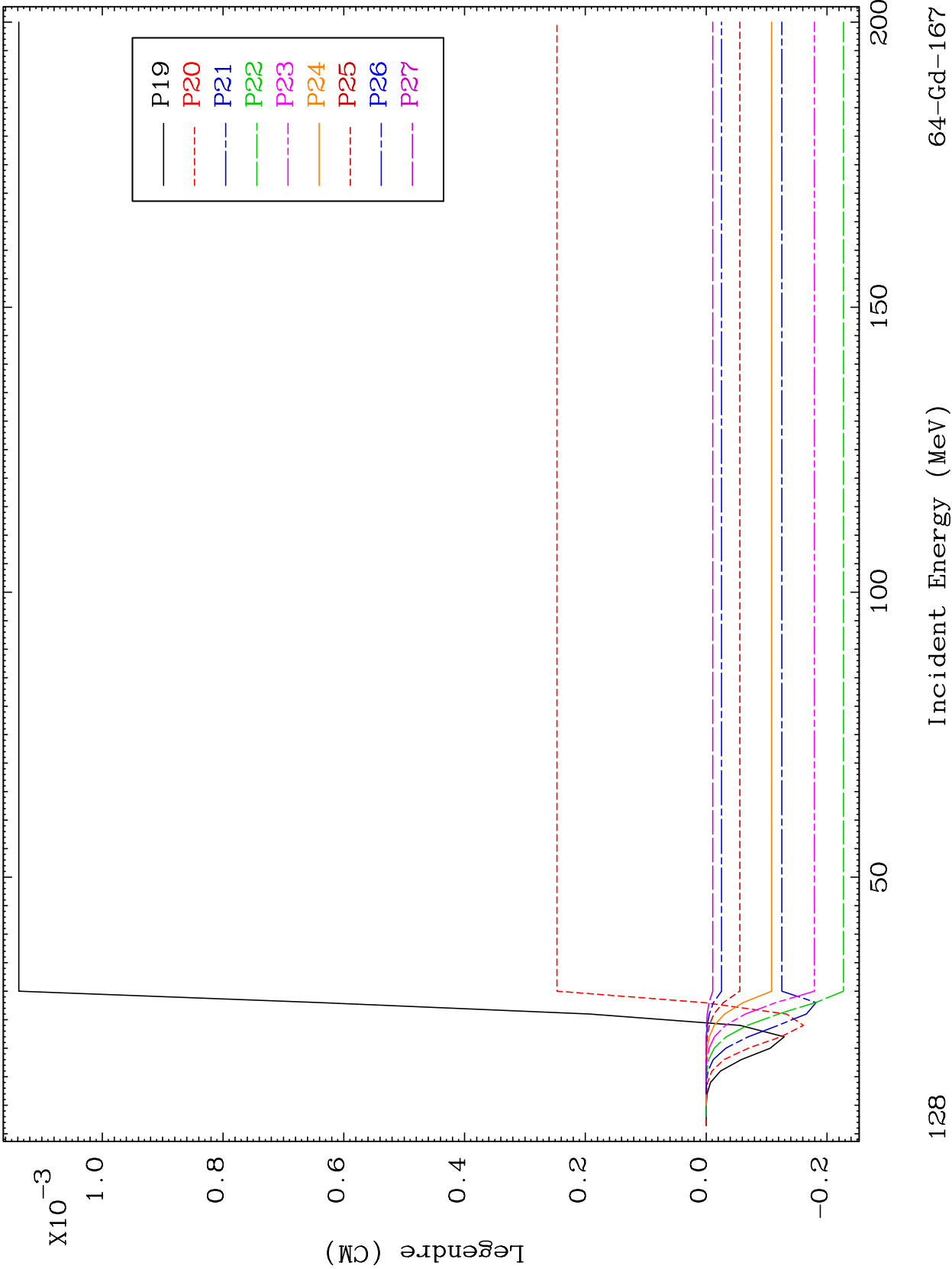
64-Gd-167



MAT 6470

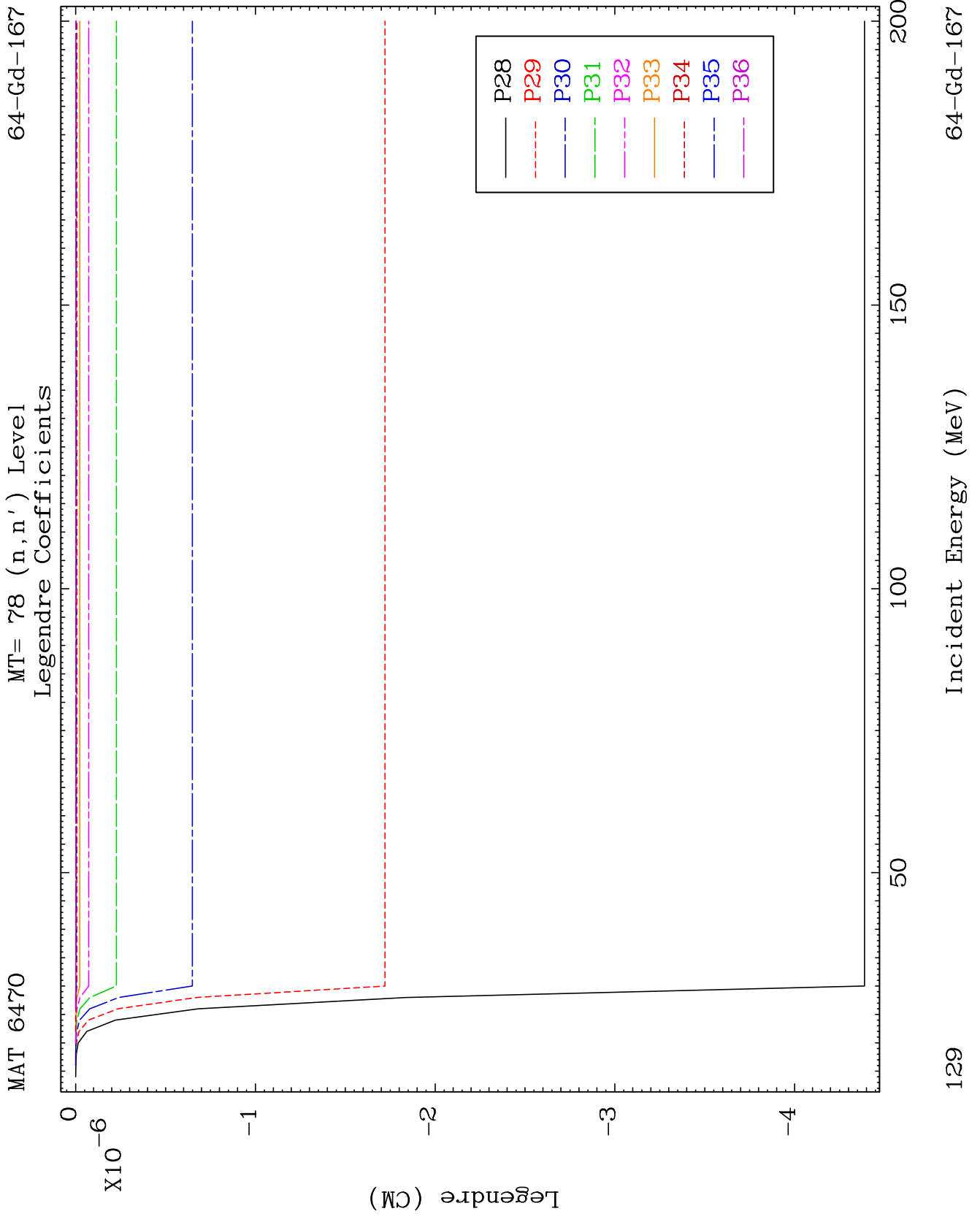
MT= 78 (n,n') Level  
Legendre Coefficients

64-Gd-167



128

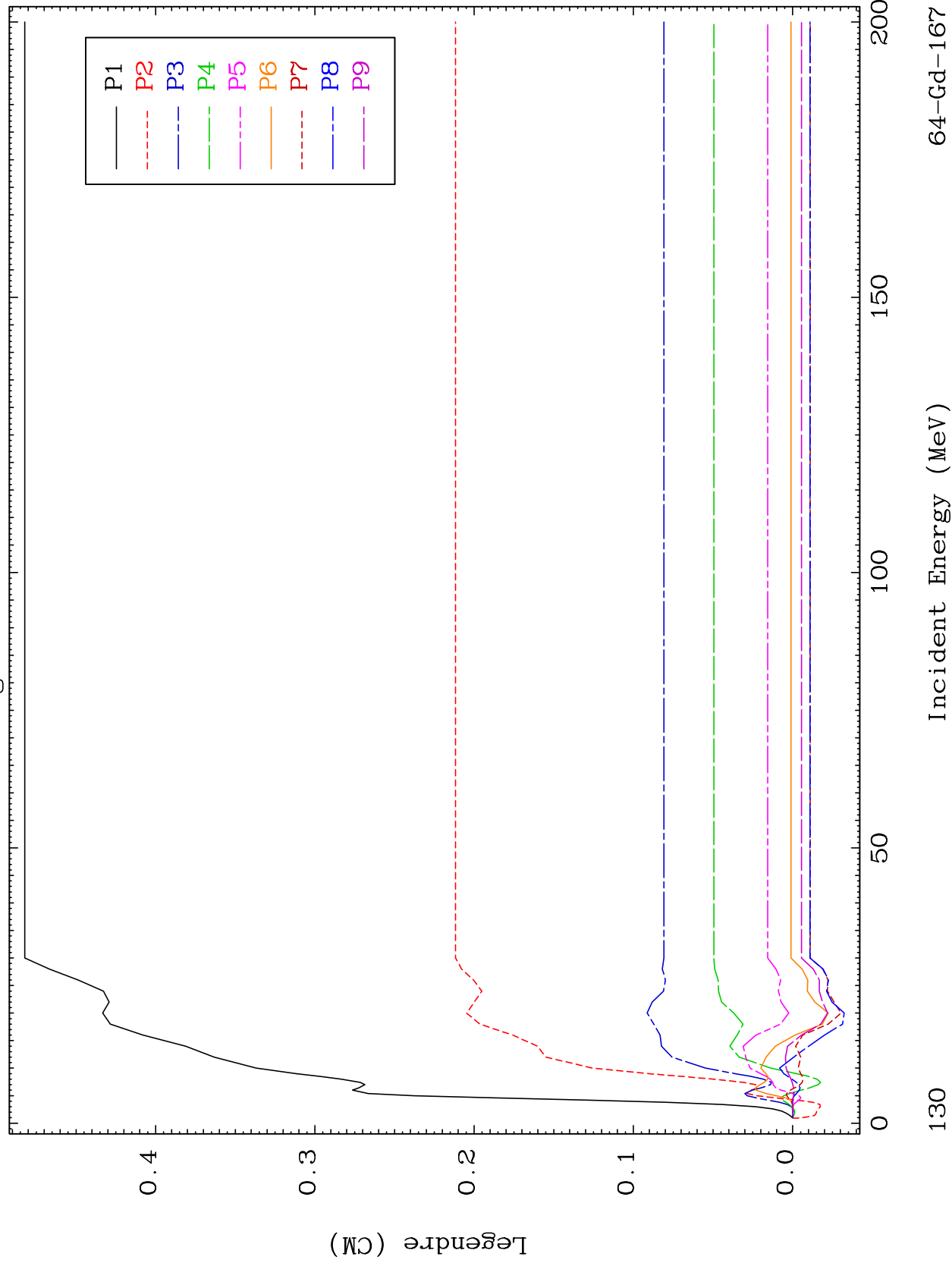
64-Gd-167



MAT 6470

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

64-Gd-167



64-Gd-167

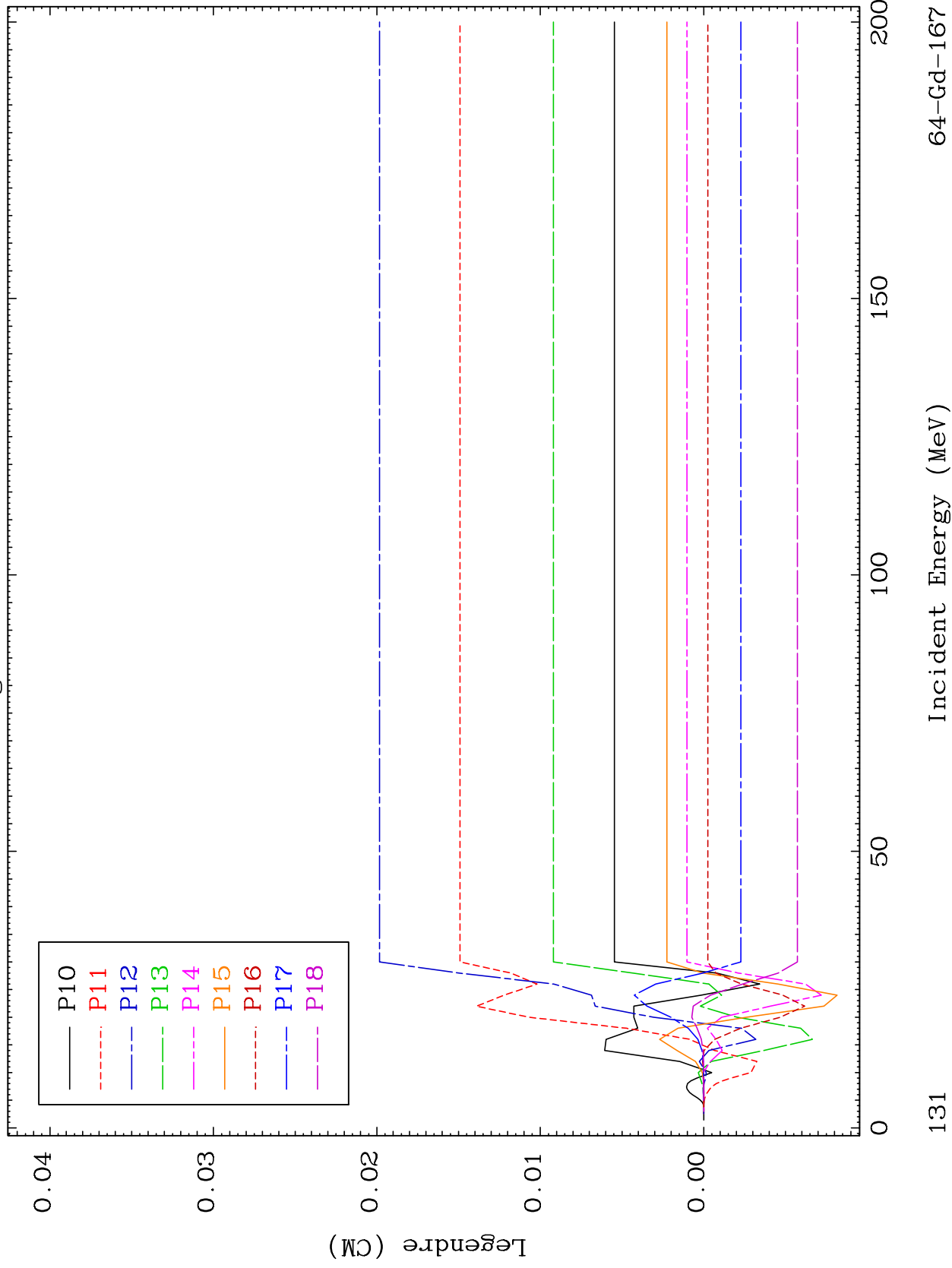
Incident Energy (MeV)

130

MAT 6470

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

64-Gd-167



131

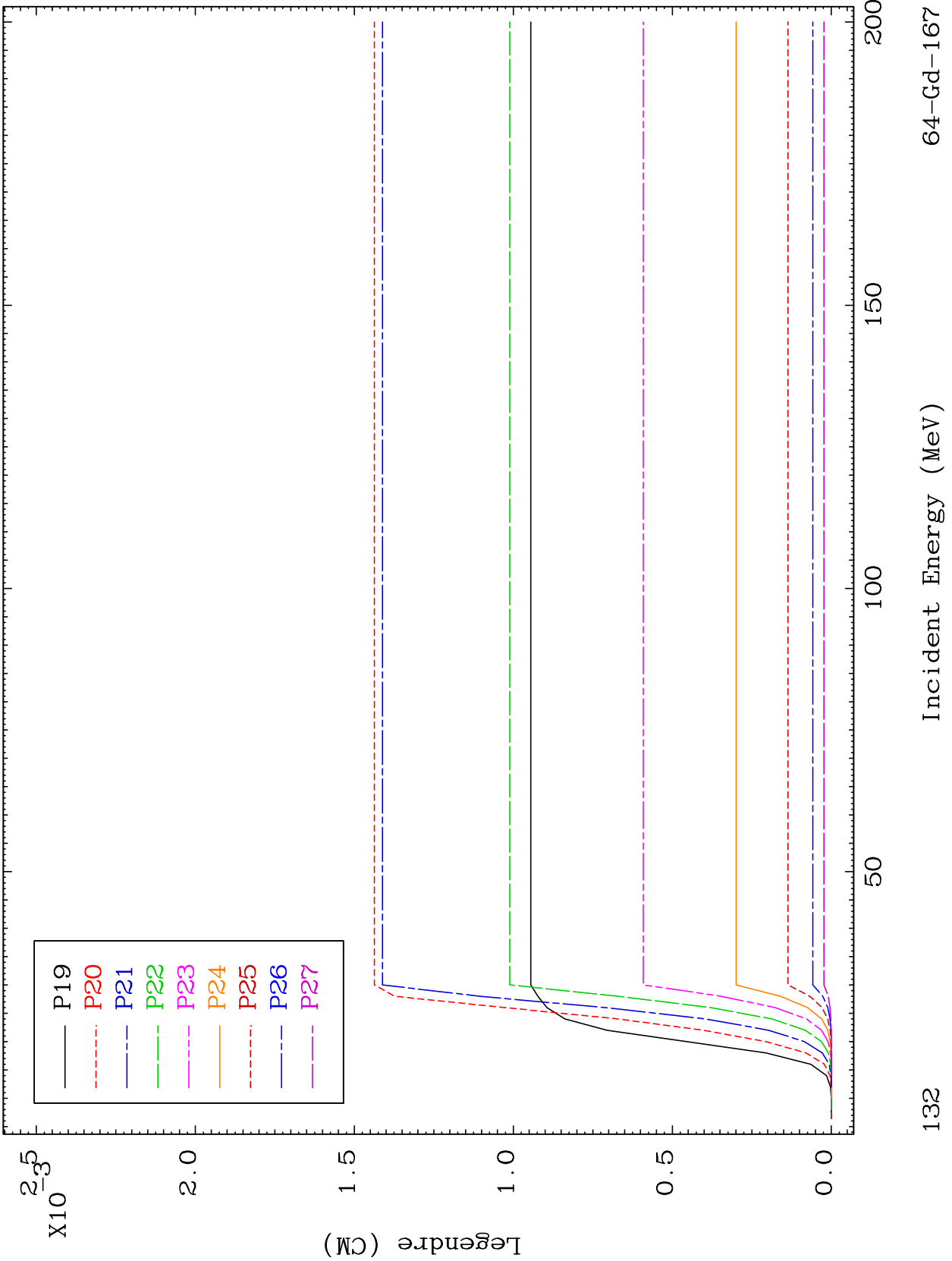
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



132

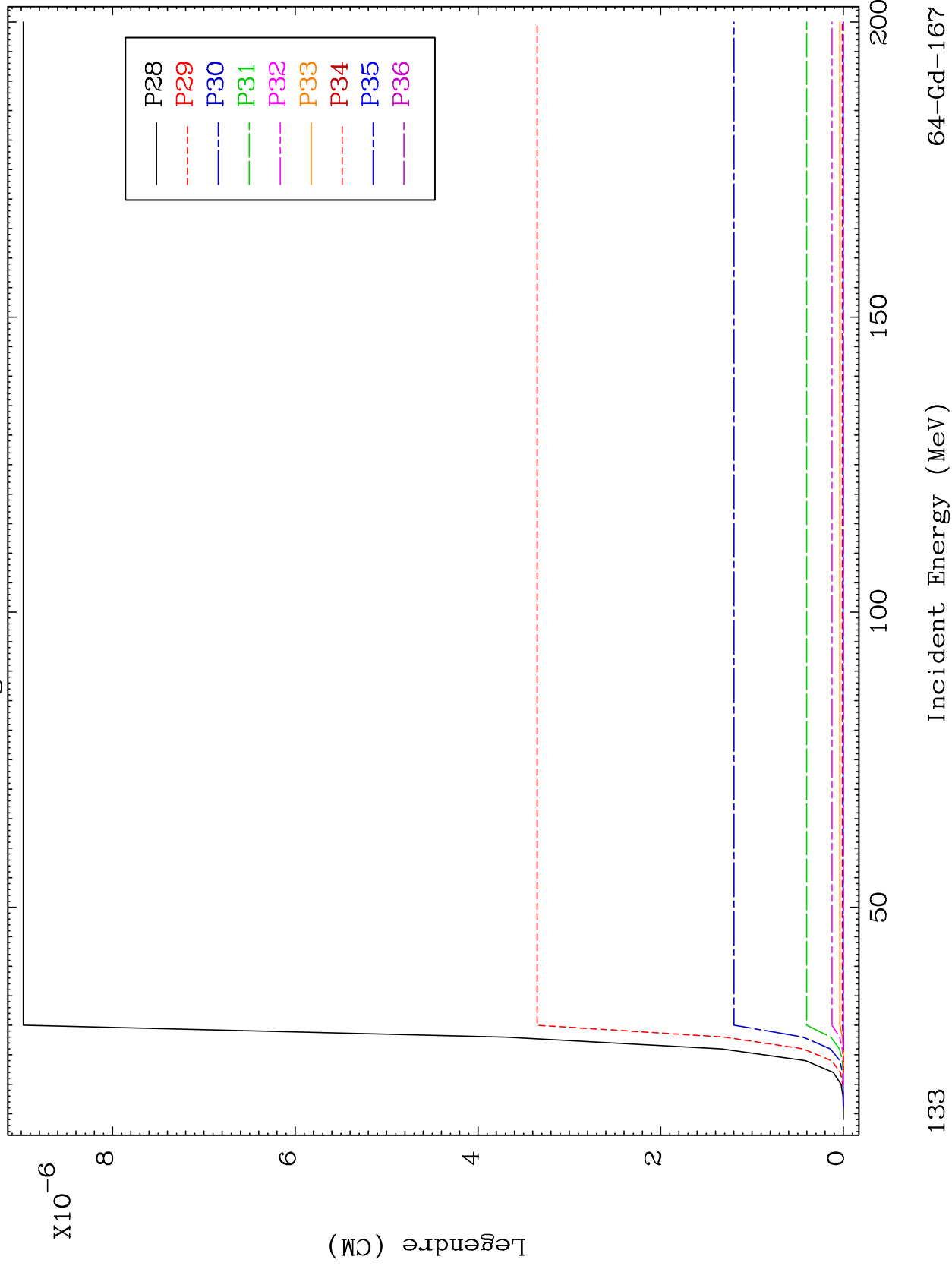
Incident Energy (MeV)

64-Gd-167

MAT 6470

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

64-Gd-167



133