

Program EVALPLOT  
(Version 2018-1)

by

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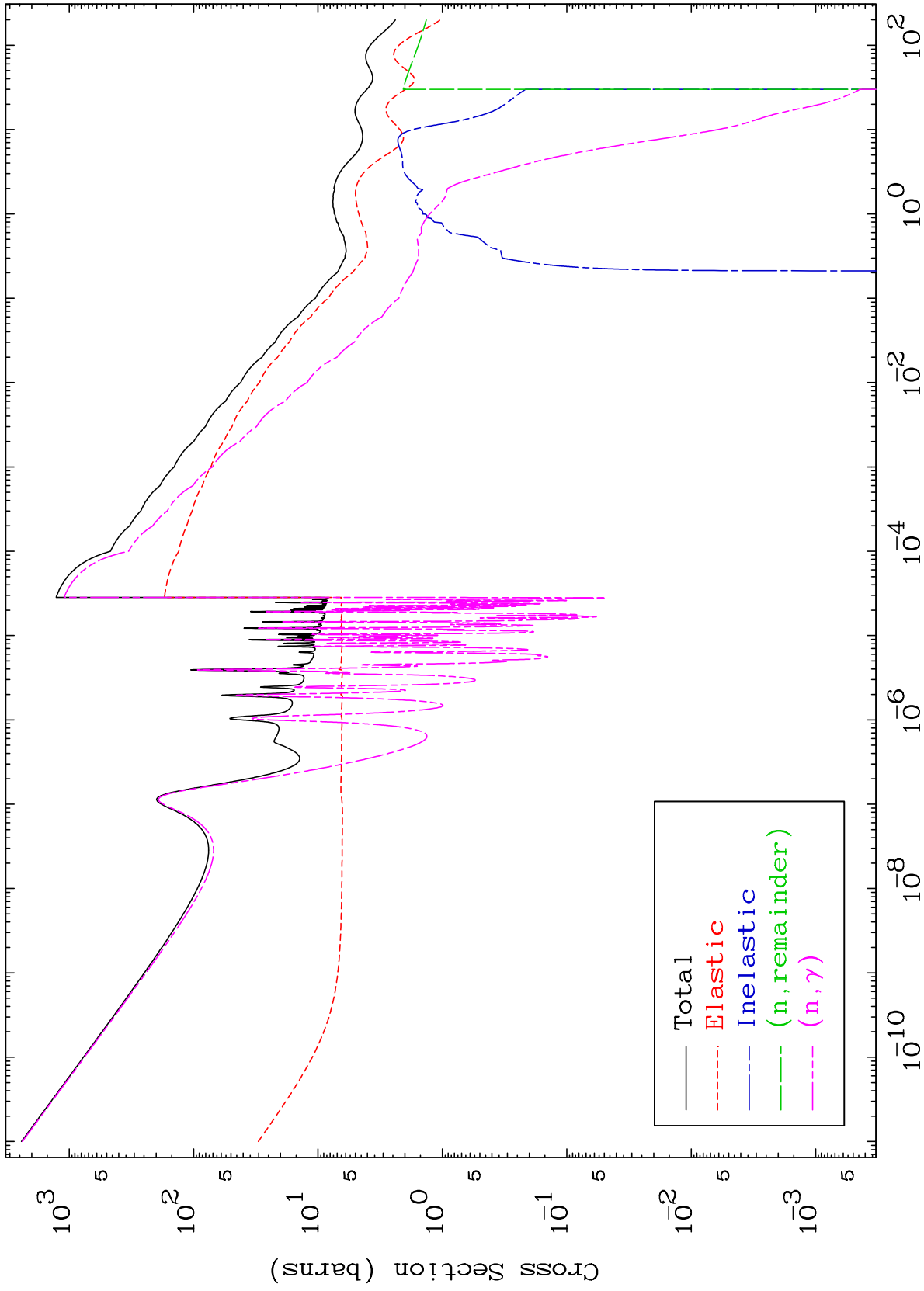
Press Mouse Button to Start

MAT 6610

Major

293 Kelvin Cross Sections

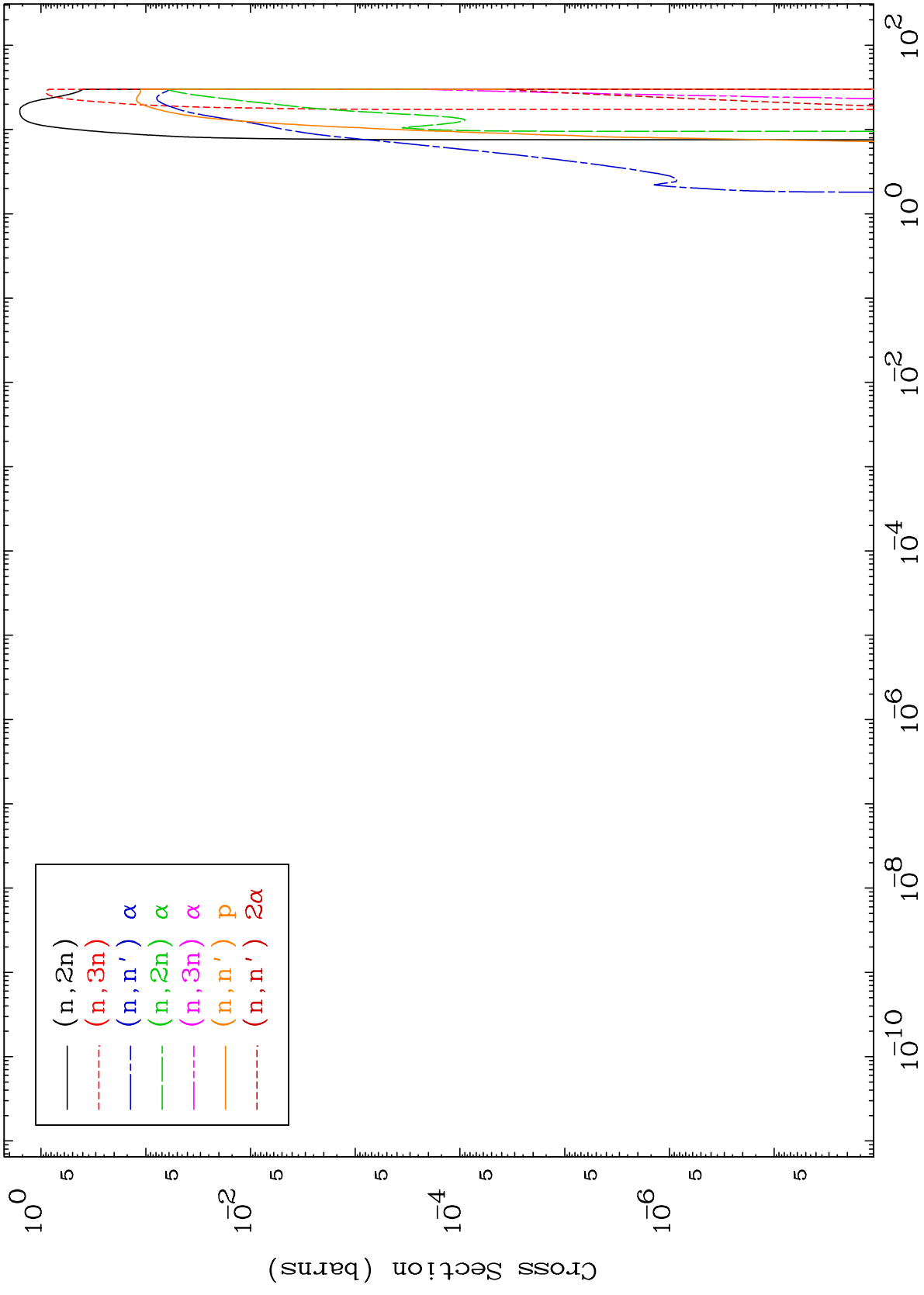
66-Dy-151

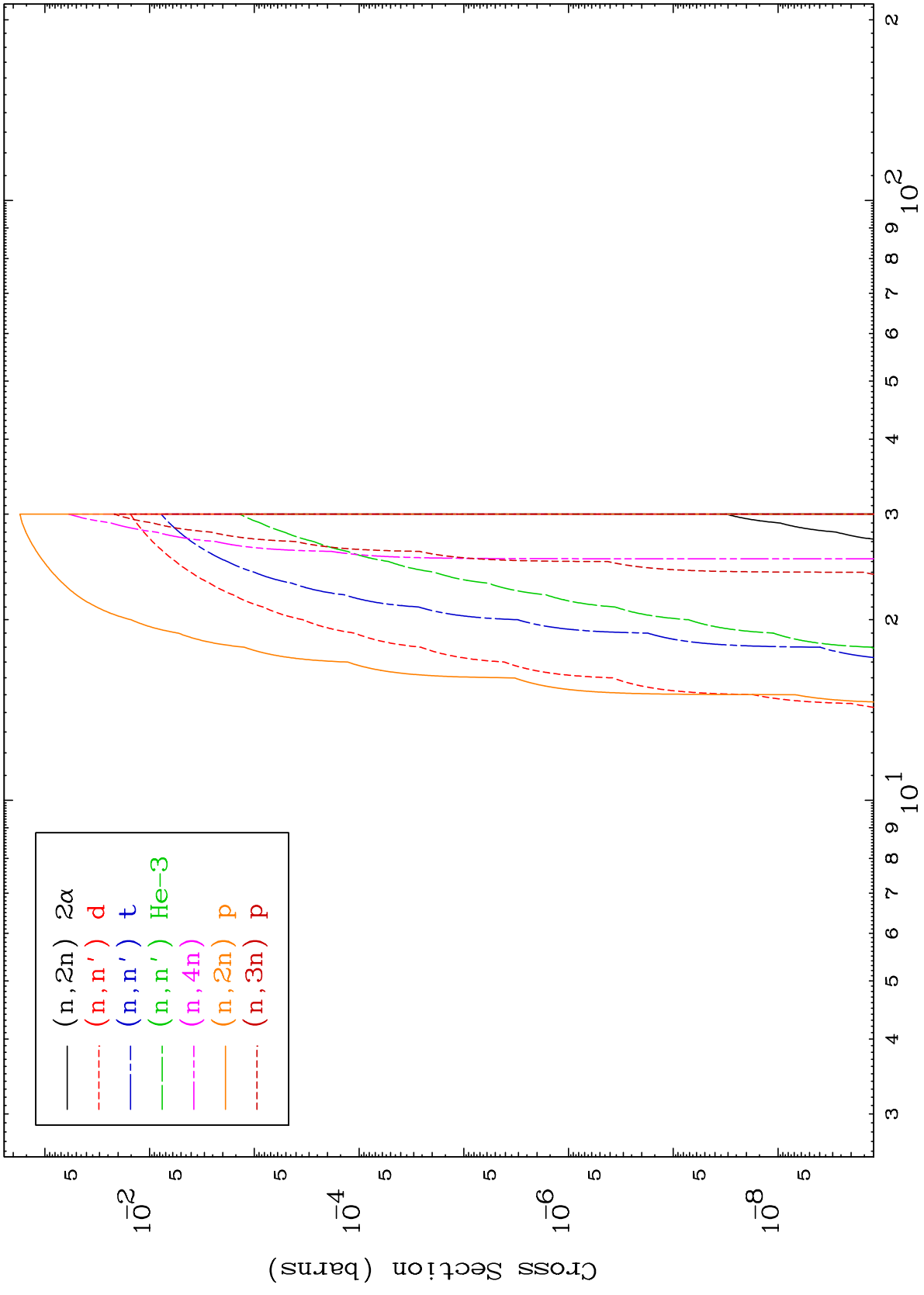


MAT 6610

Neutron Production  
293 Kelvin Cross Sections

66-Dy-151

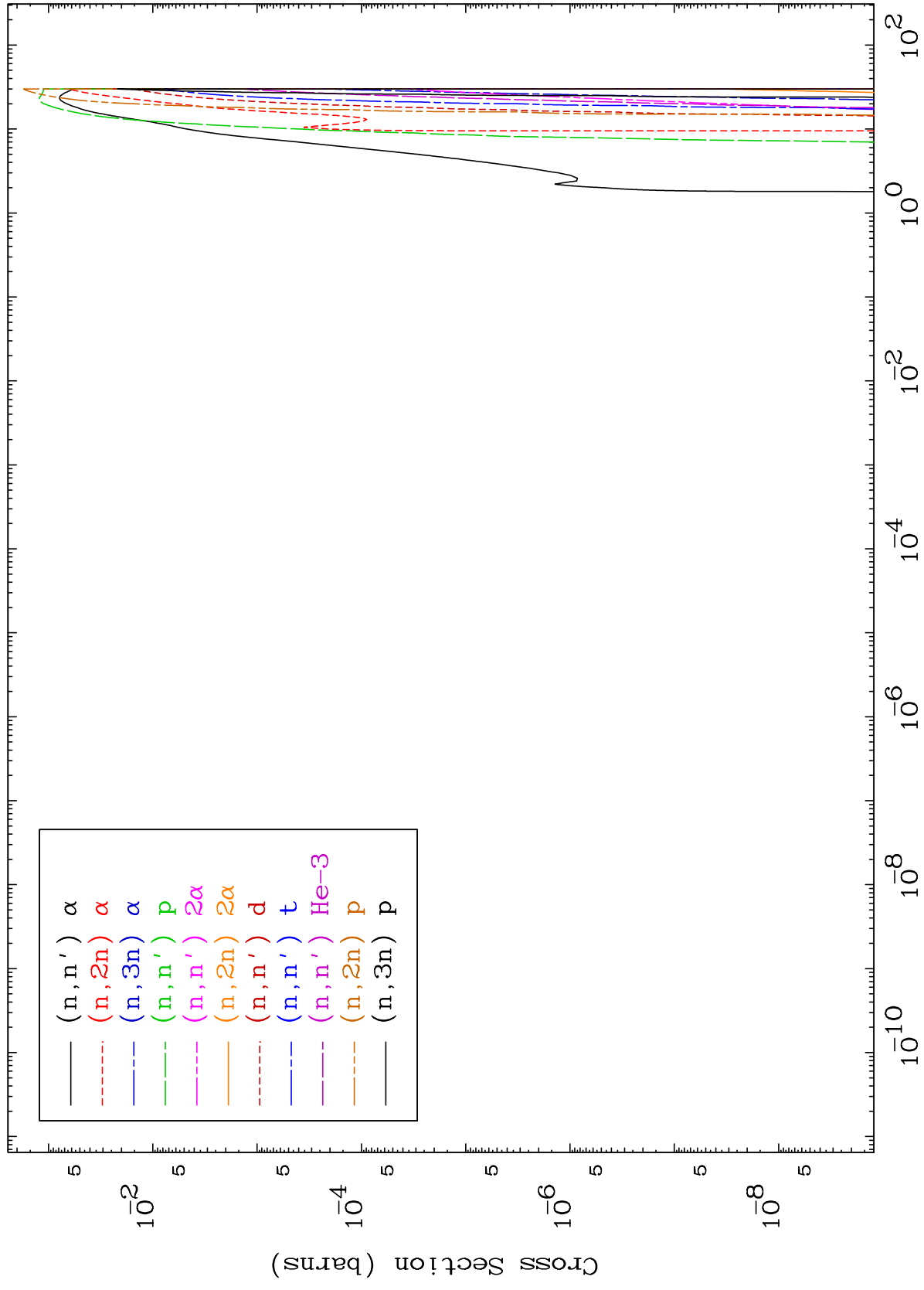




MAT 6610

Charged Particle  
293 Kelvin Cross Sections

66-Dy-151

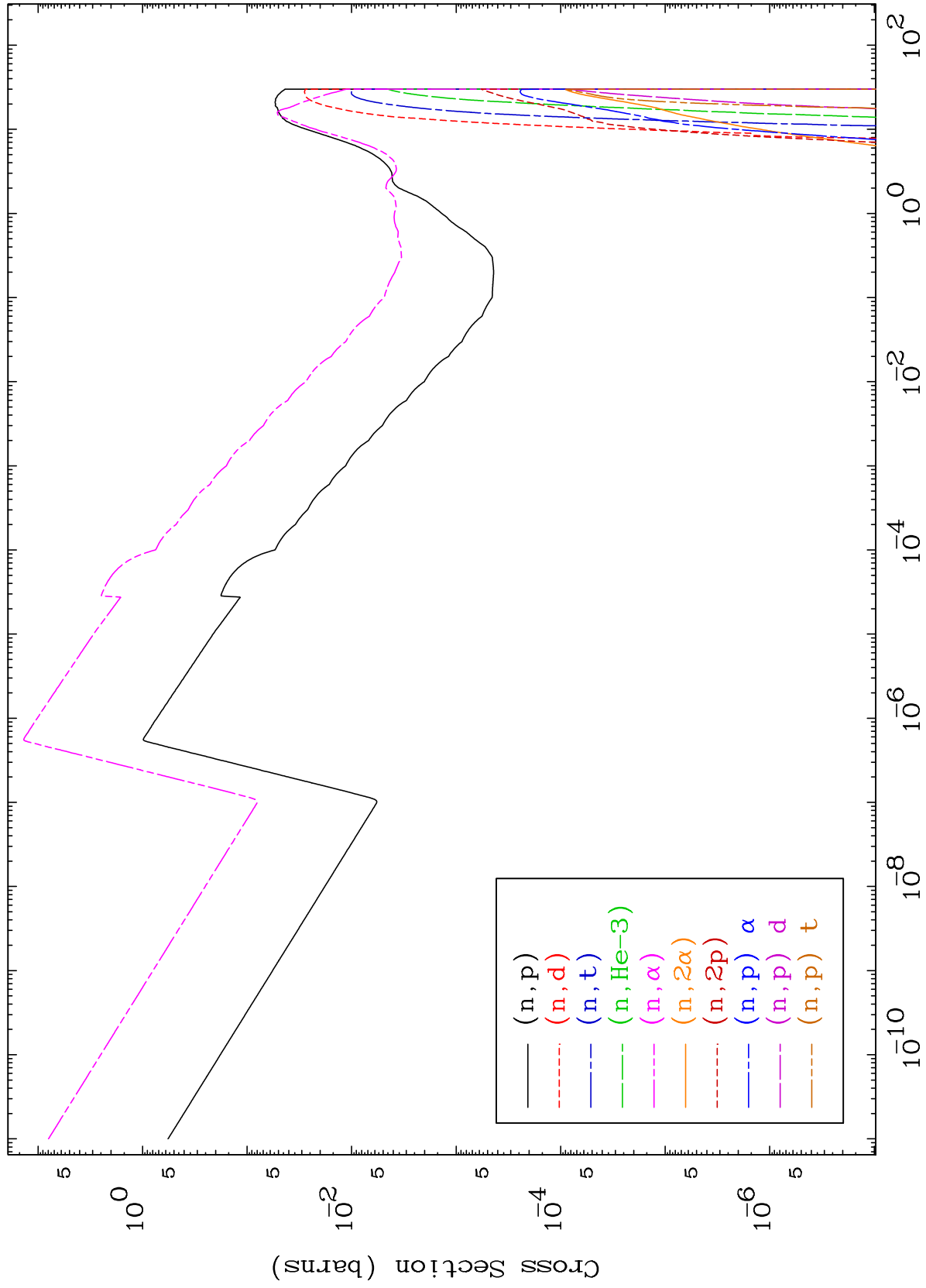


66-Dy-151

MAT 6610

Charged Particle  
293 Kelvin Cross Sections

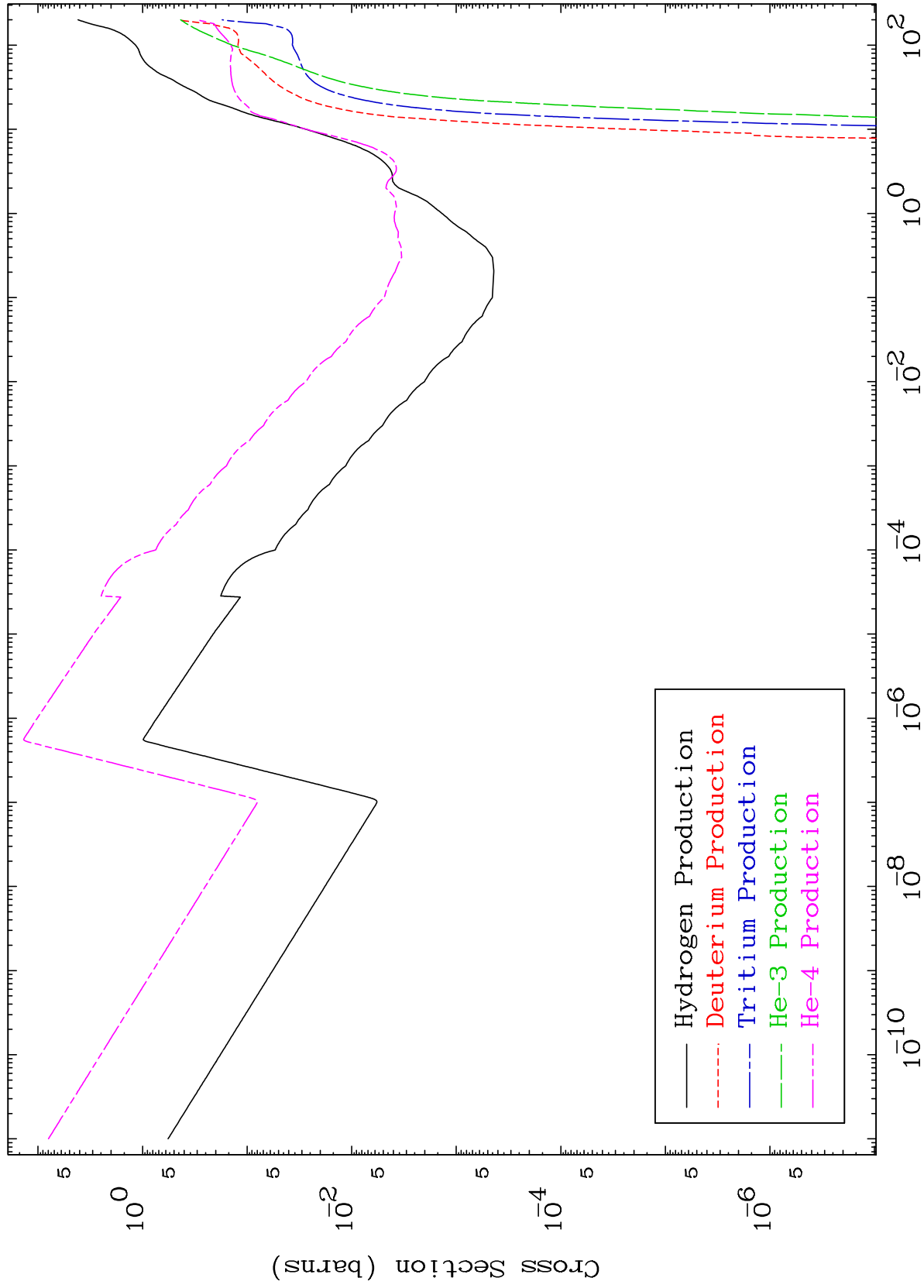
66-Dy-151



MAT 6610

Particle Production  
293 Kelvin Cross Sections

66-Dy-151



6

Incident Energy (MeV)

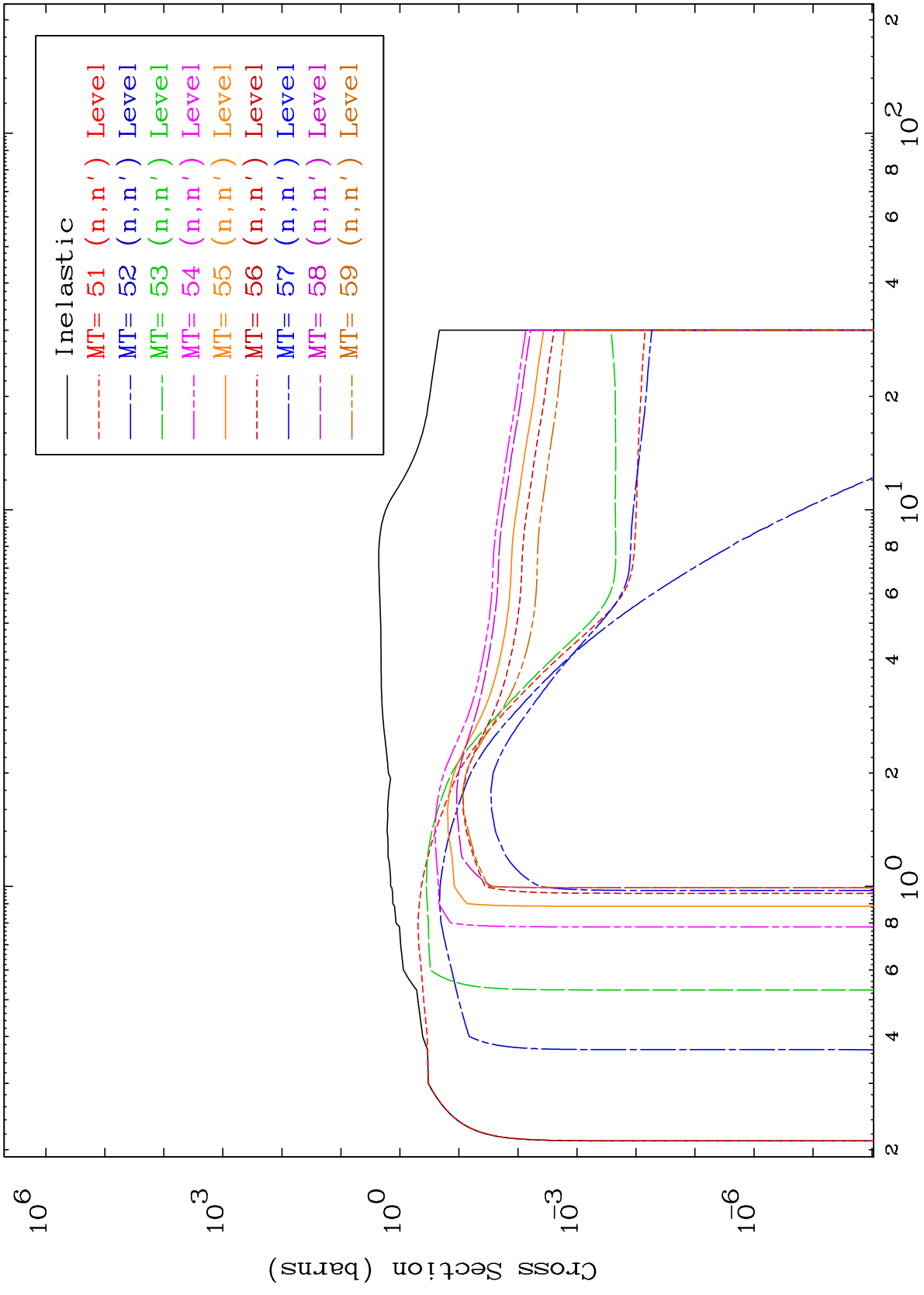
66-Dy-151

MAT 6610

(n,n') Level

66-Dy-151

293 Kelvin Cross Sections



7

Incident Energy (MeV)

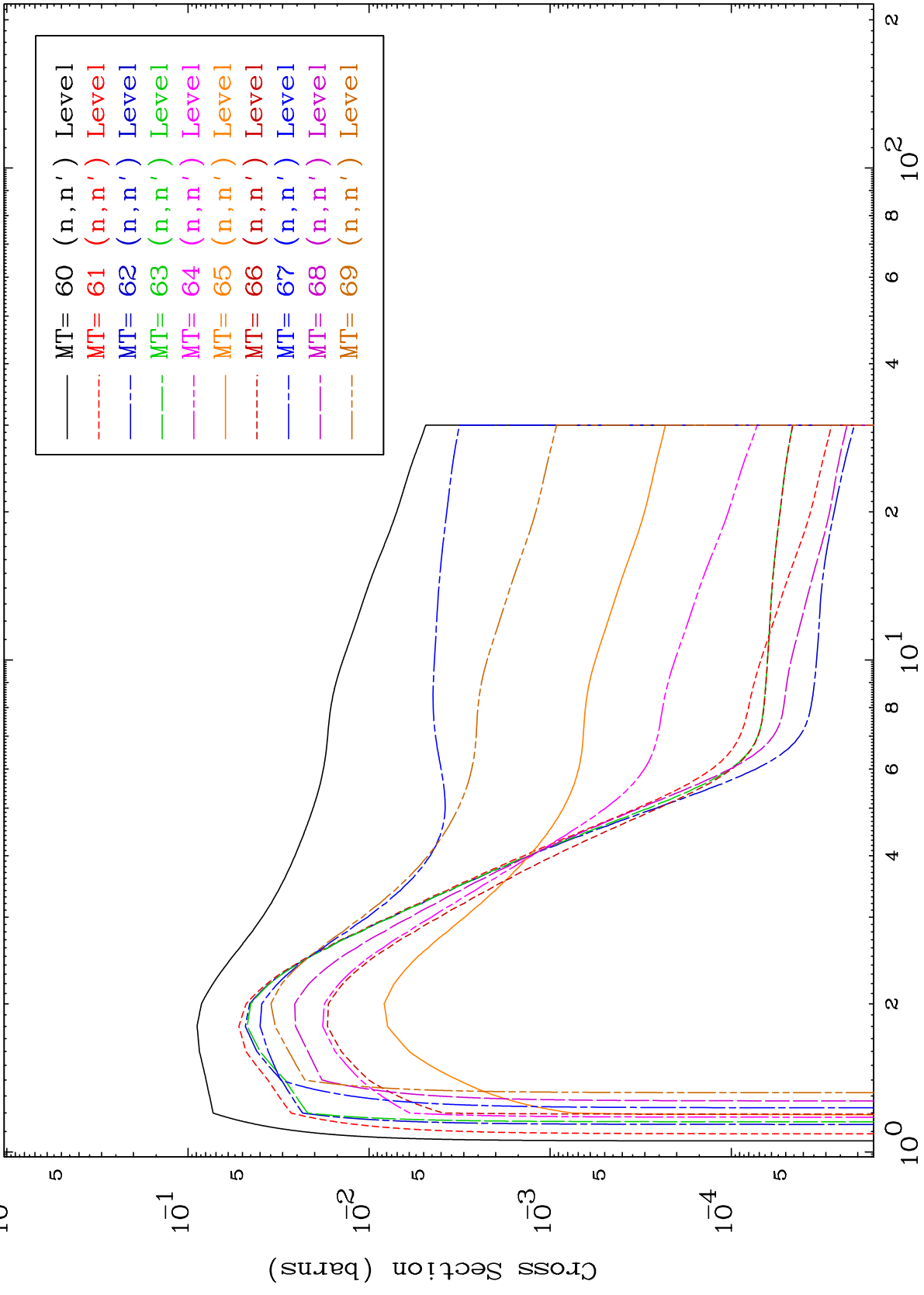
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MAT 6610

(n,n') Level

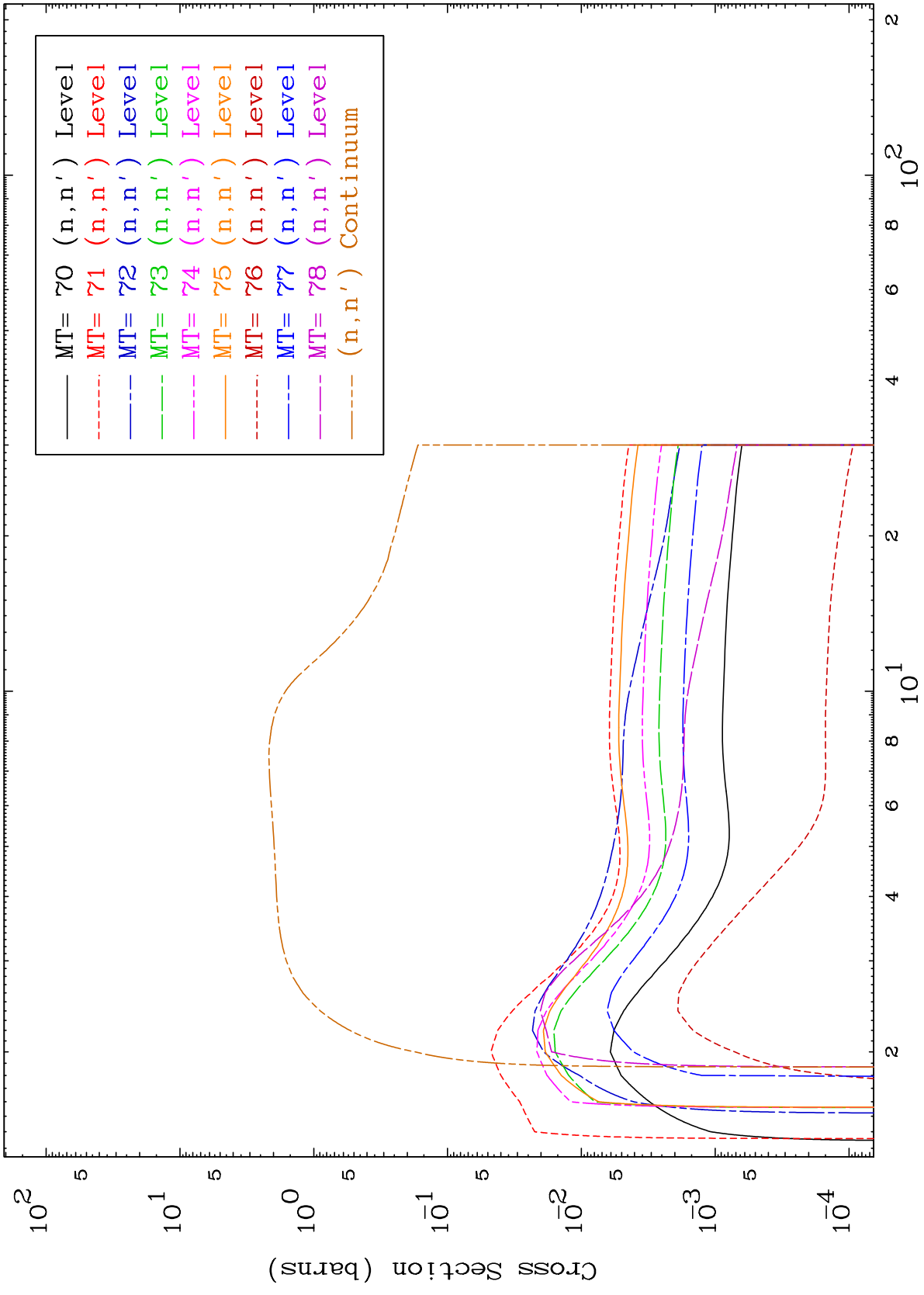
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293 Kelvin Cross Sections



Incident Energy (MeV)

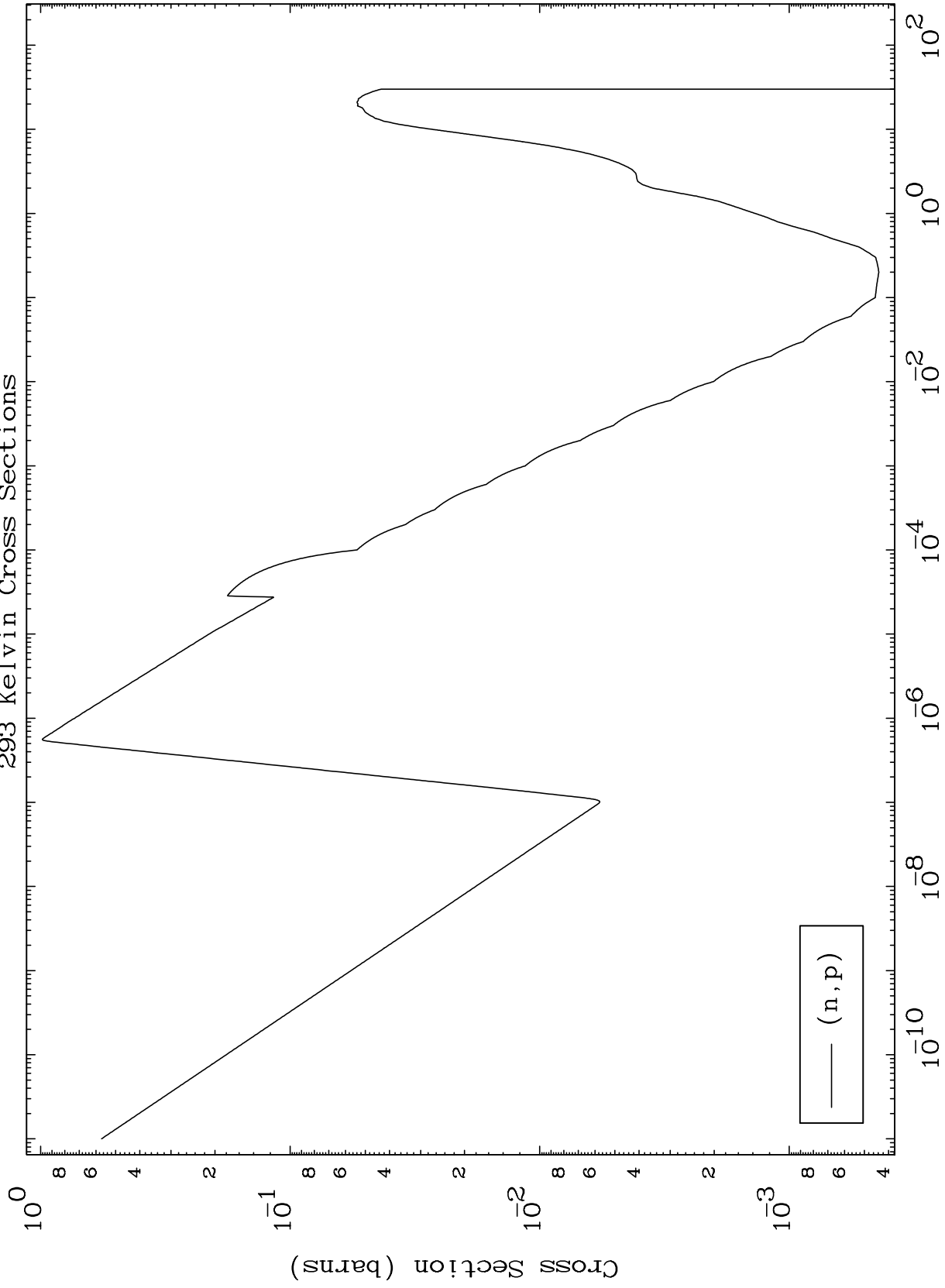
66-Dy-151



MAT 6610

(n,p) Levels  
293 Kelvin Cross Sections

66-Dy-151



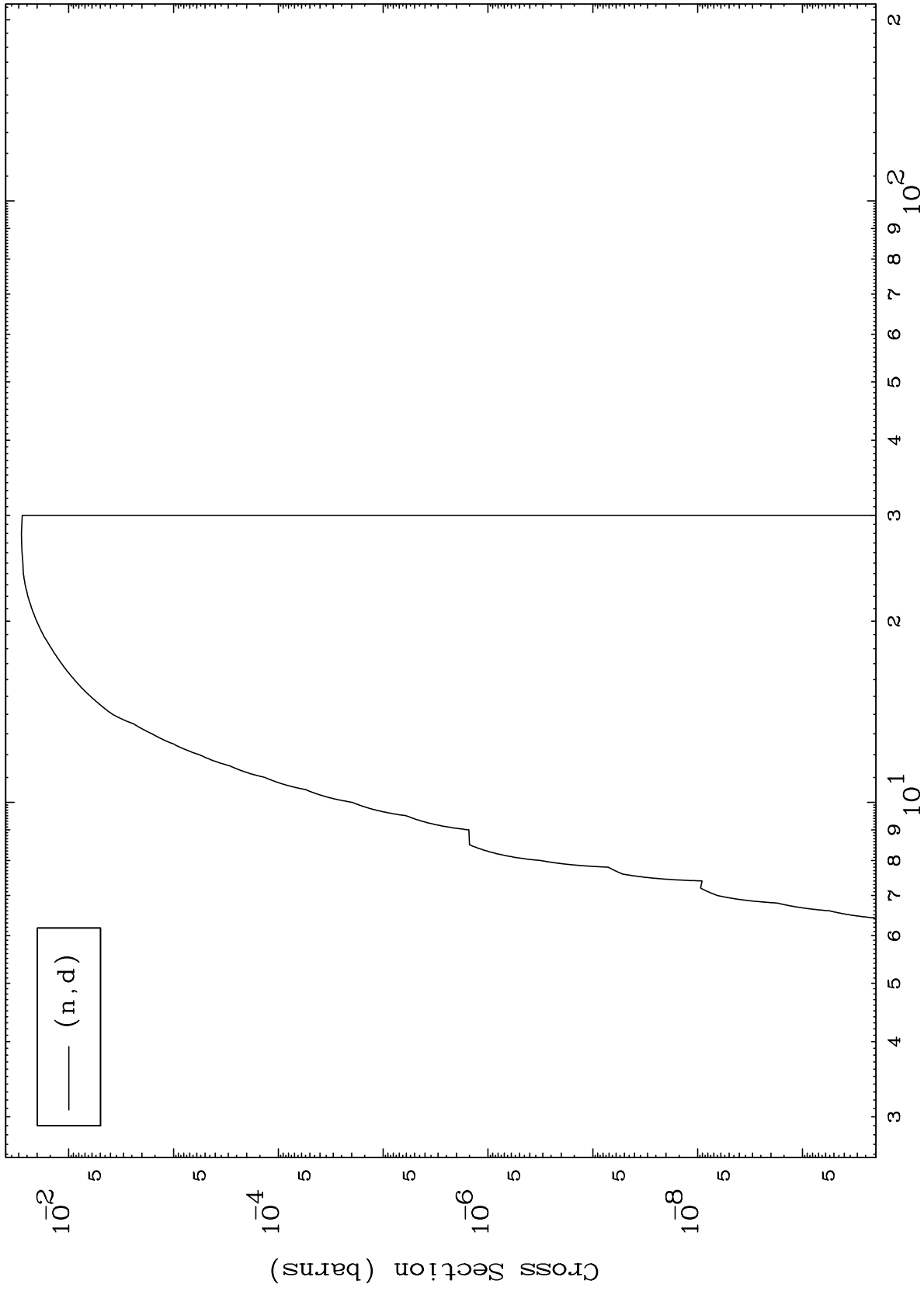
10

66-Dy-151

MAT 6610

(n,d) Levels  
293 Kelvin Cross Sections

66-Dy-151



11

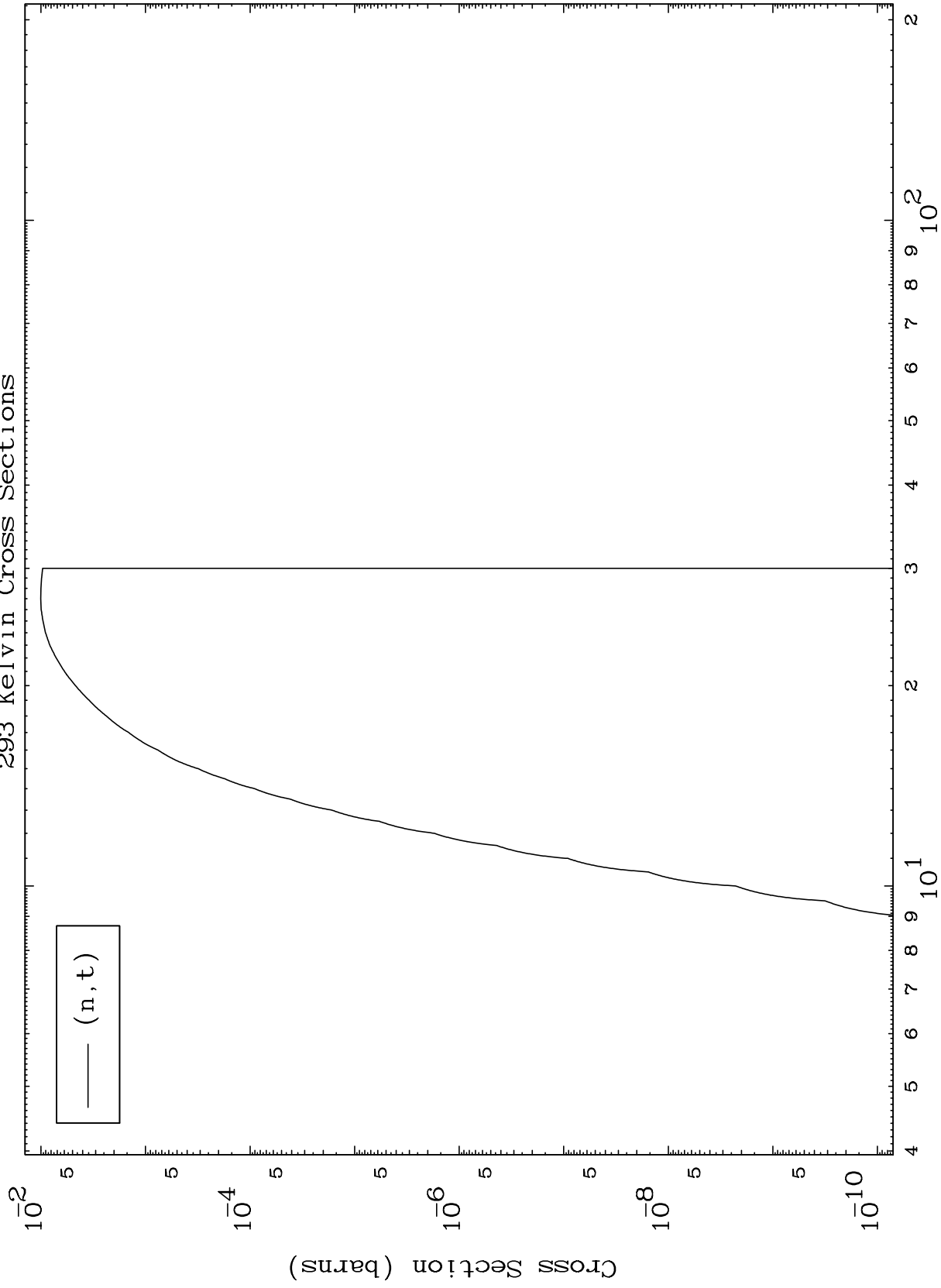
Incident Energy (MeV)

66-Dy-151

MAT 6610

(n,t) Levels  
293 Kelvin Cross Sections

66-Dy-151



12

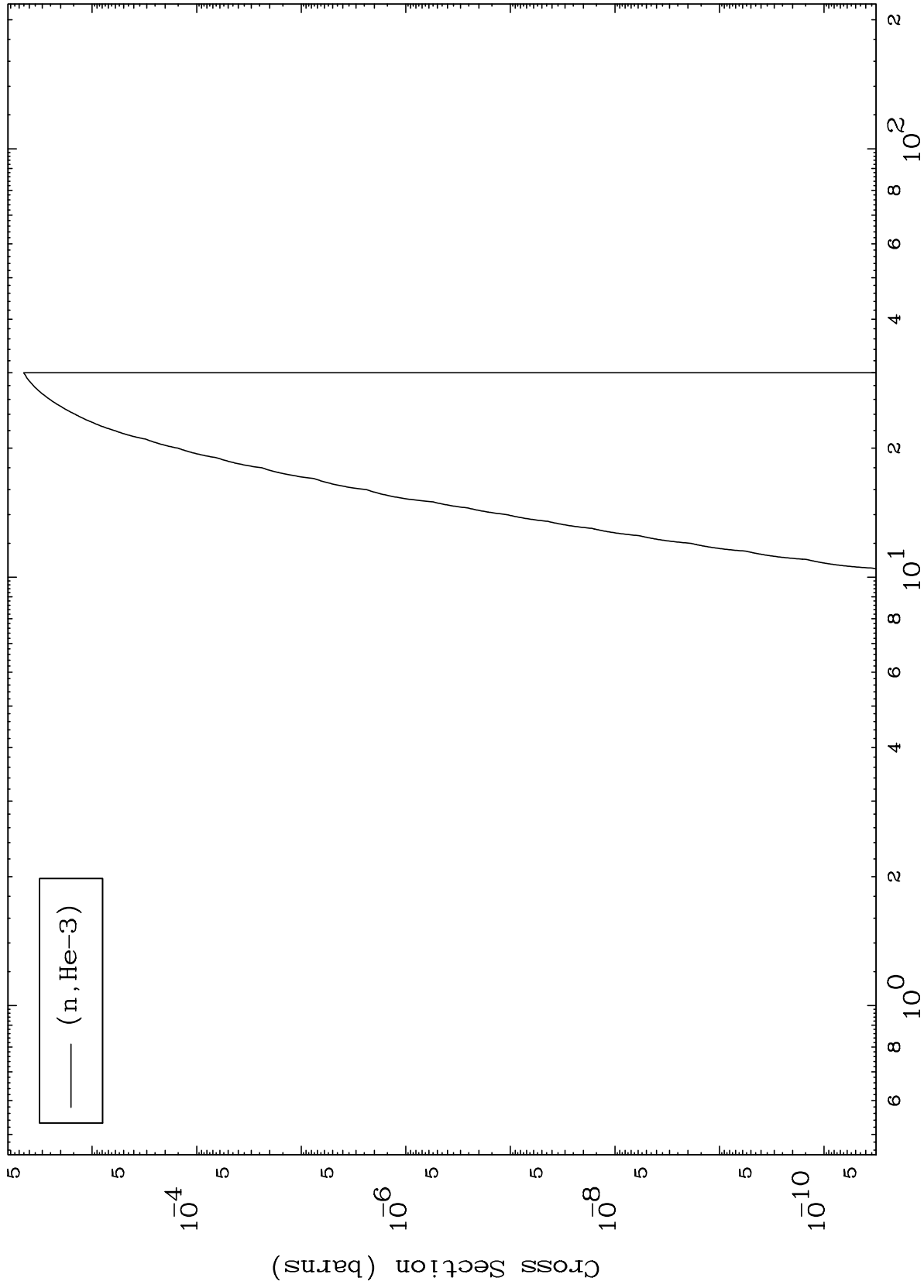
Incident Energy (MeV)

66-Dy-151

MAT 6610

(n,He3) Levels  
293 Kelvin Cross Sections

66-Dy-151



13

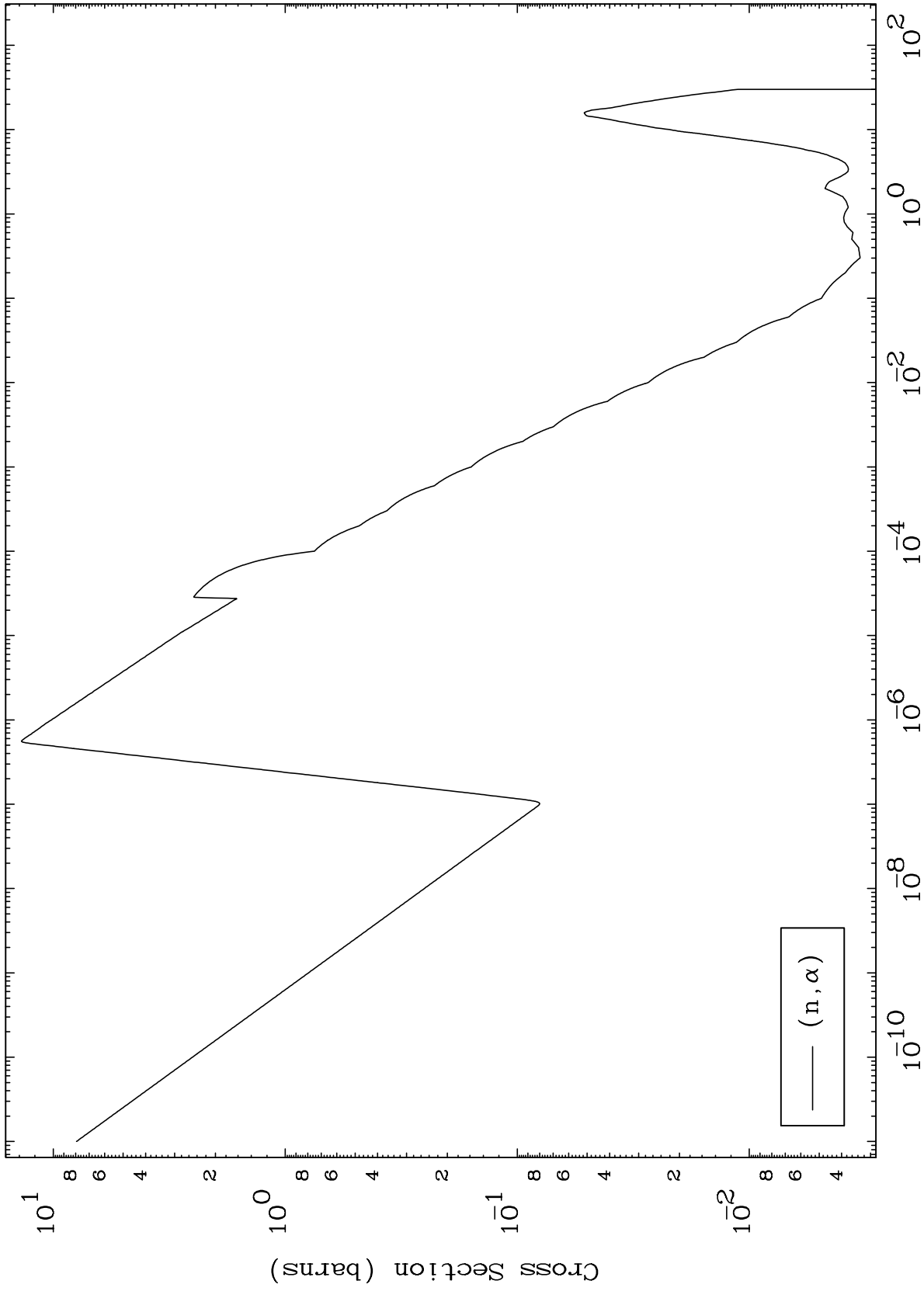
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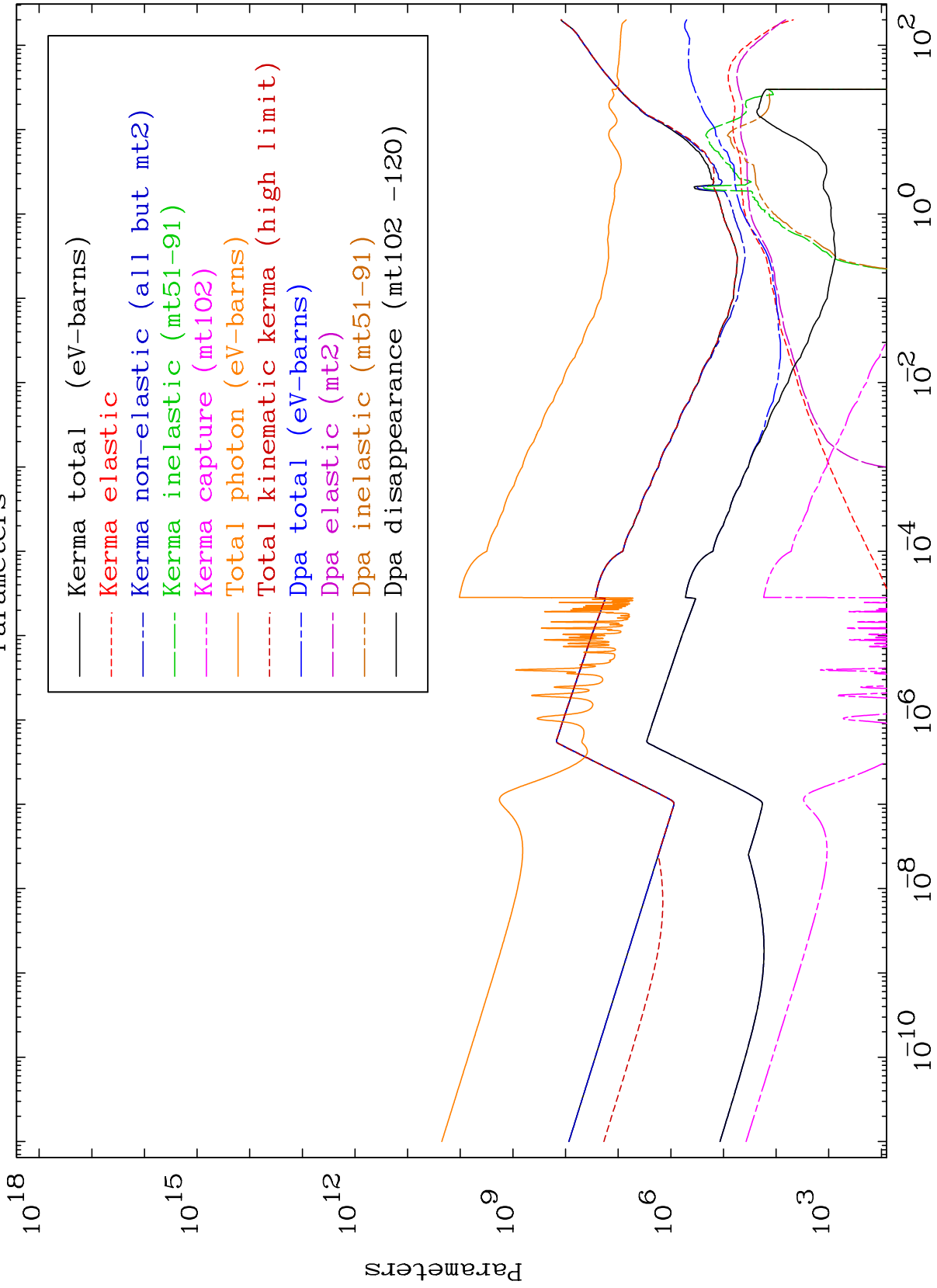
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MAT 6610

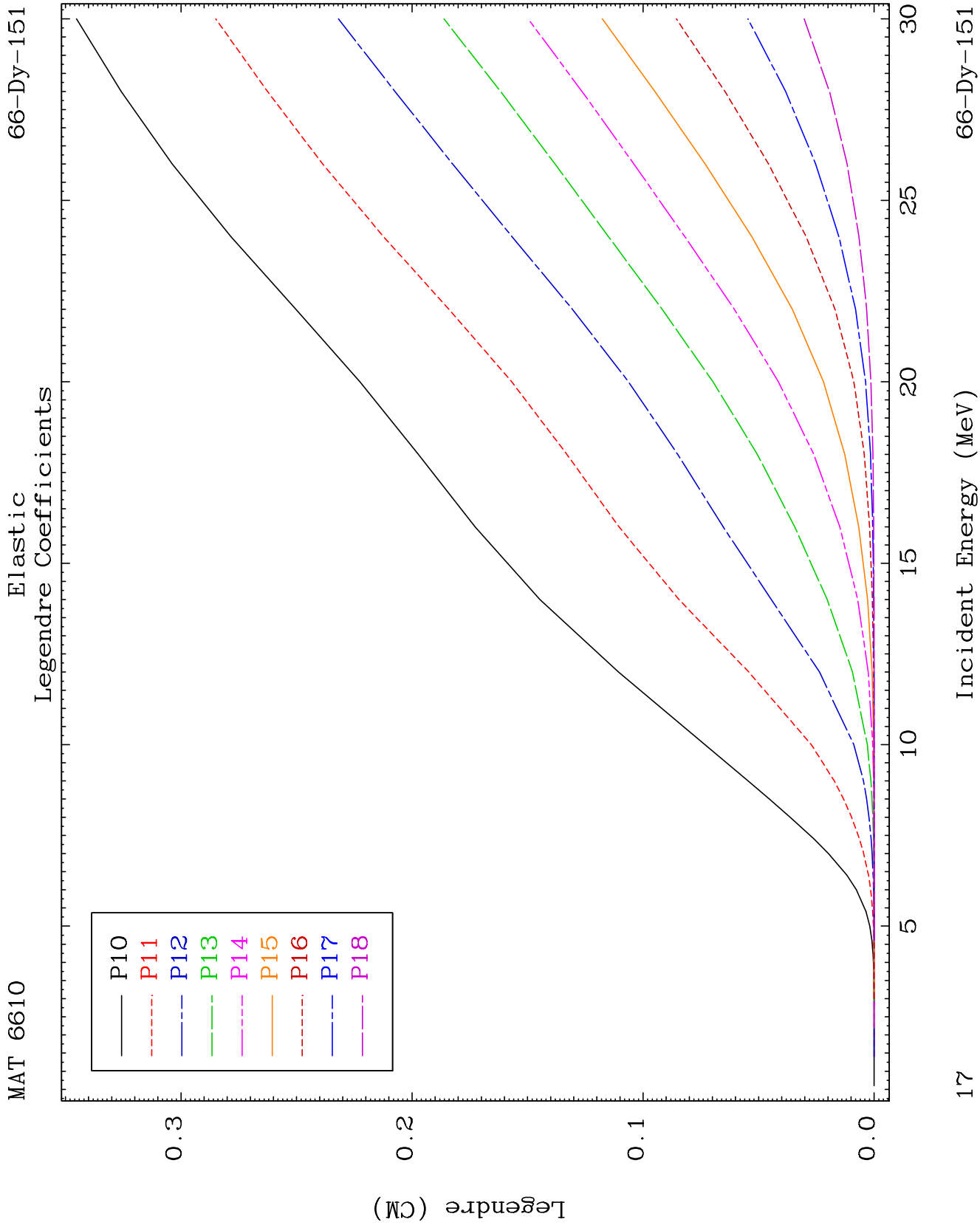
(n,α) Levels  
293 Kelvin Cross Sections

66-Dy-151





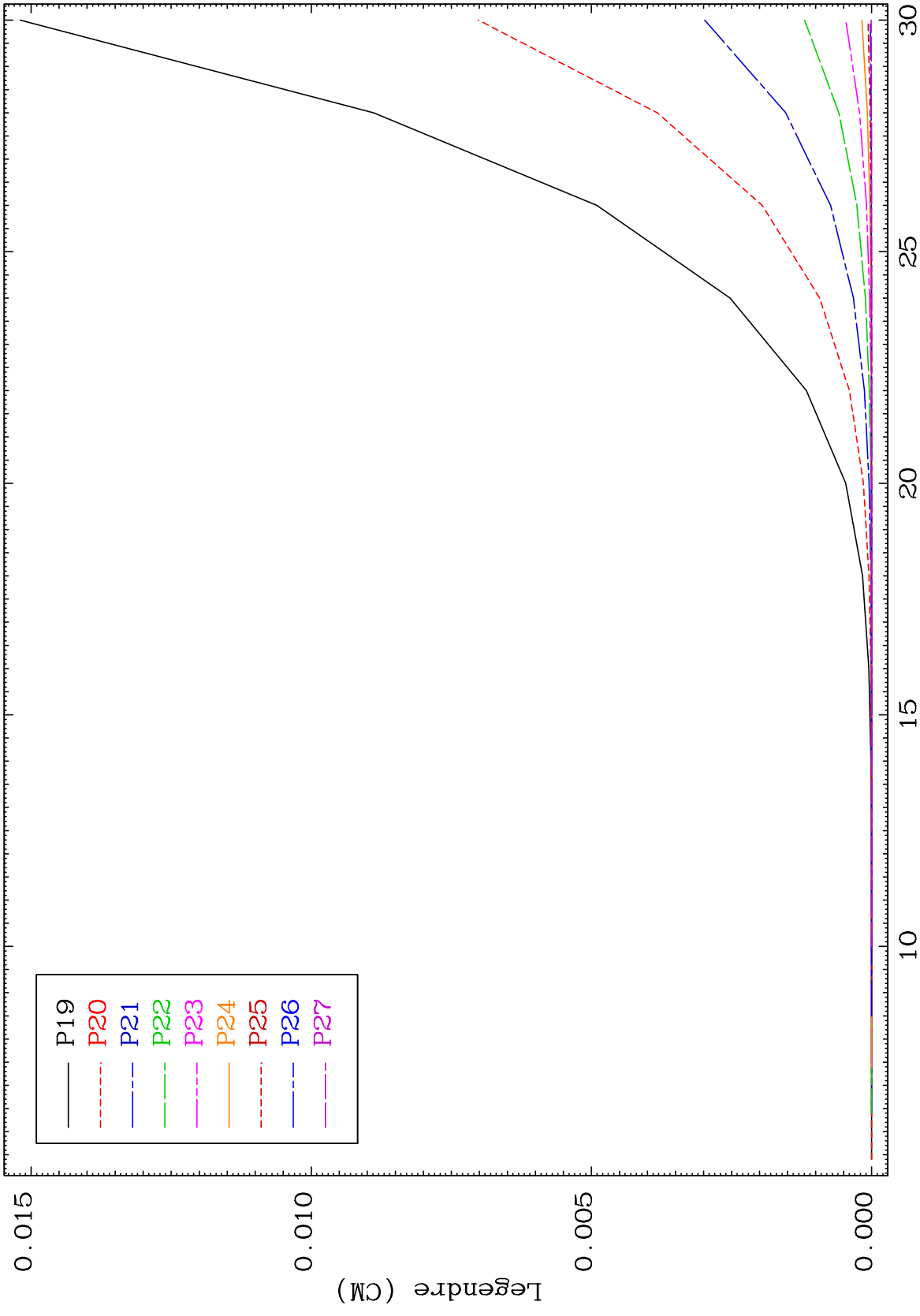




MAT 6610

Elastic Legendre Coefficients

66-Dy-151



18

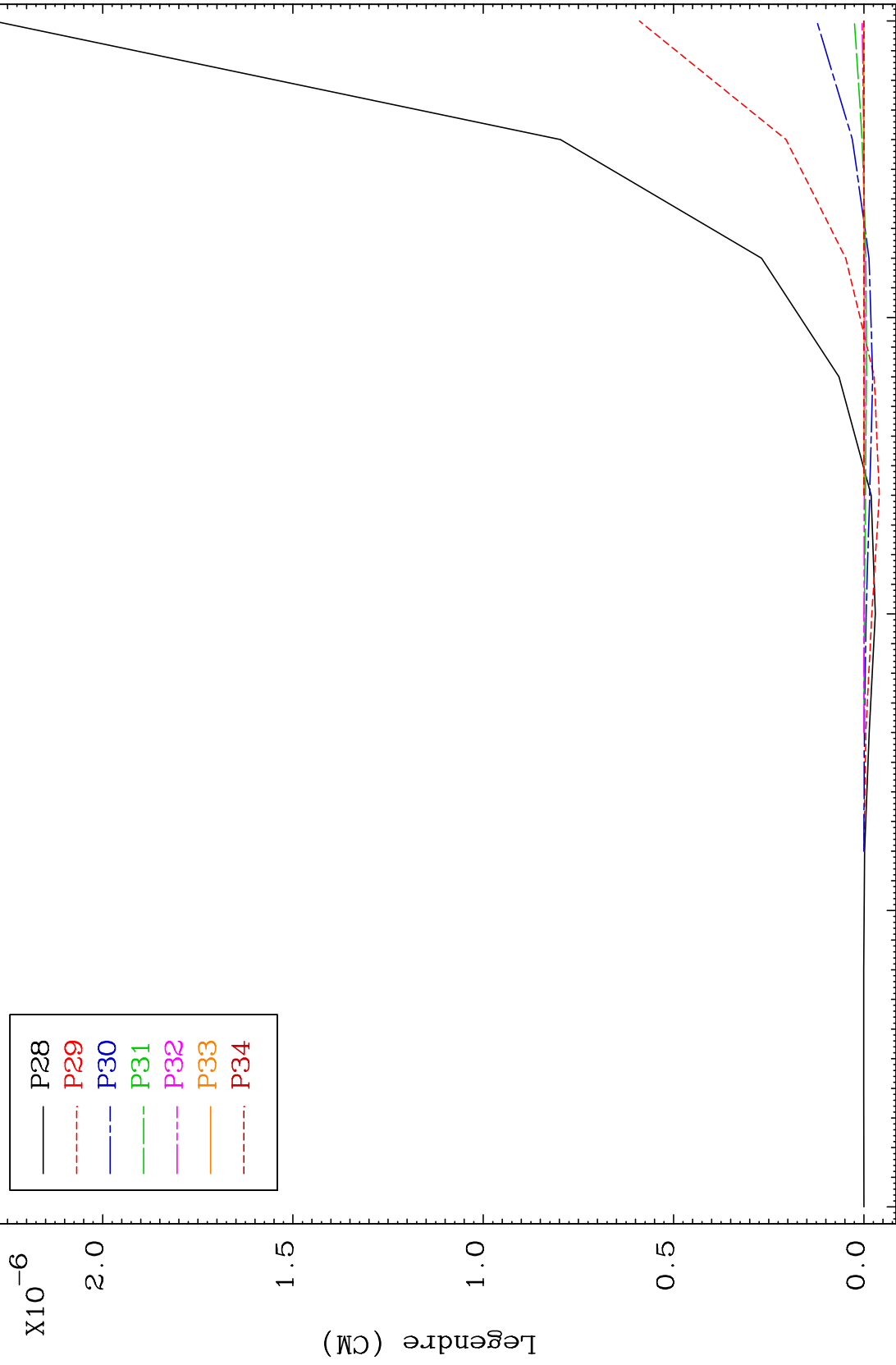
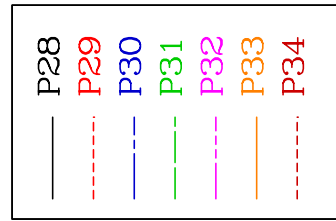
Incident Energy (MeV)

66-Dy-151

MAT 6610

Elastic Legendre Coefficients

66-Dy-151

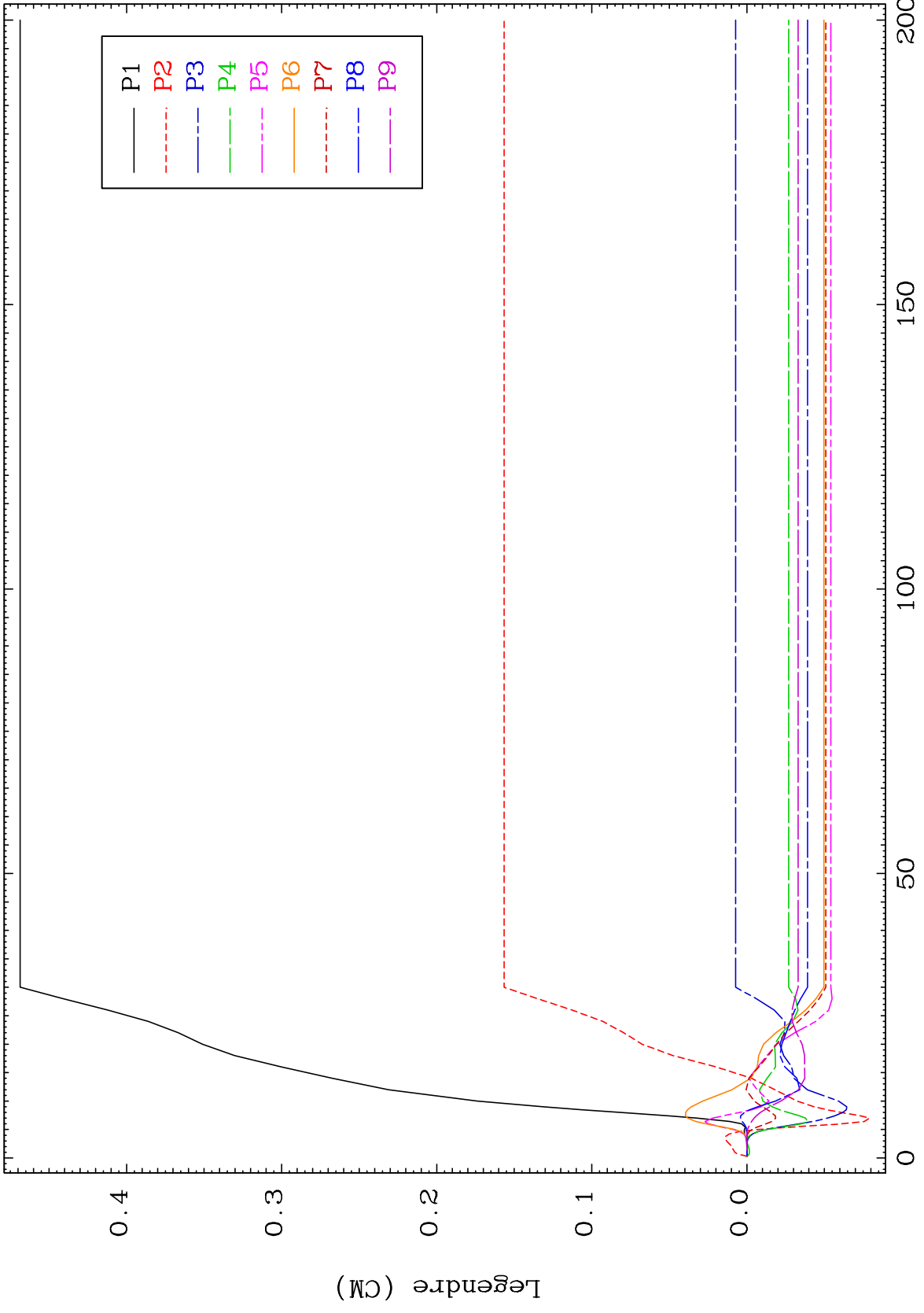


19

Incident Energy (MeV)

66-Dy-151

MAT 6610 MT= 51 (n,n') Level Legendre Coefficients 66-Dy-151

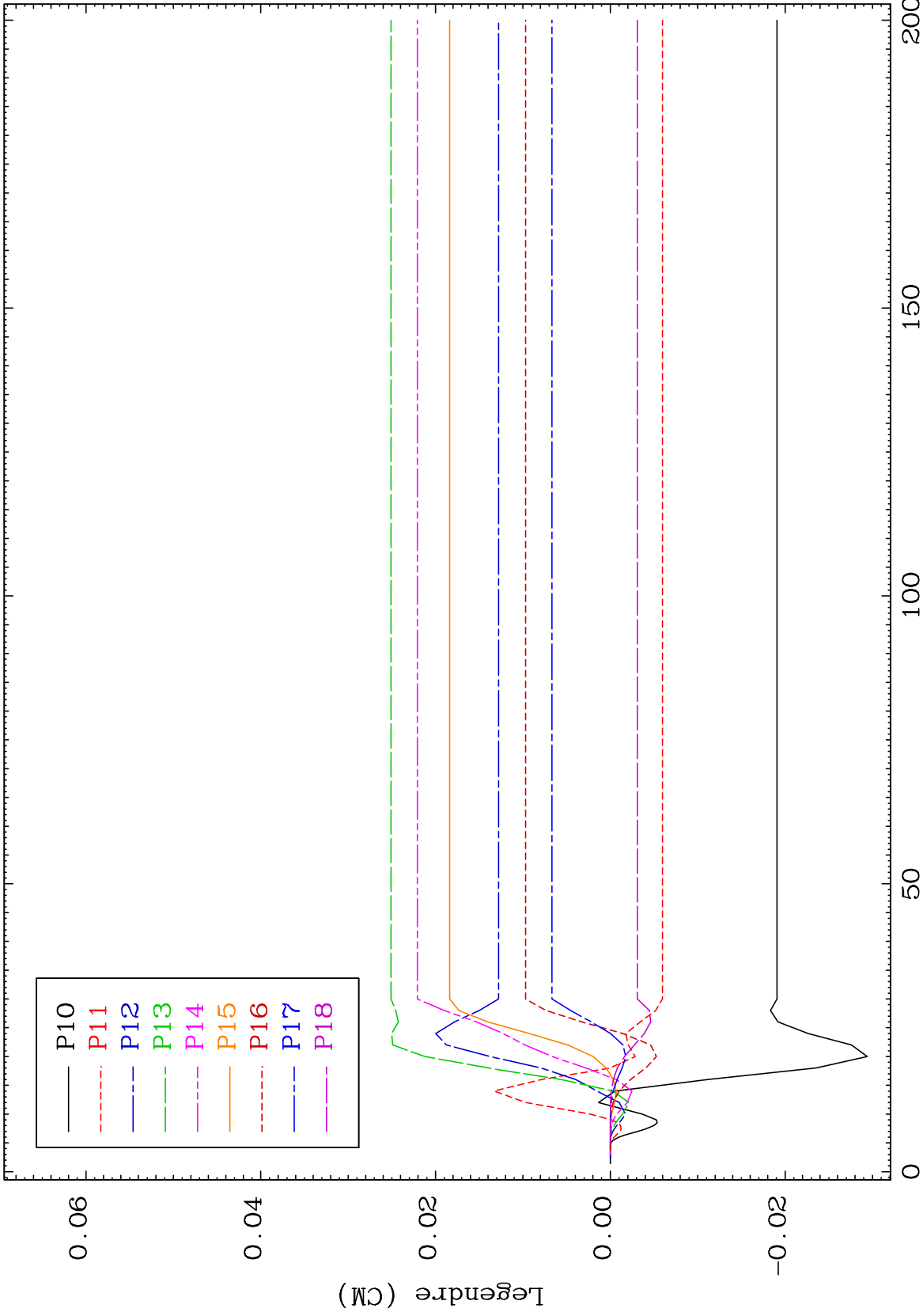


66-Dy-151

MAT 6610

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

66-Dy-151



21

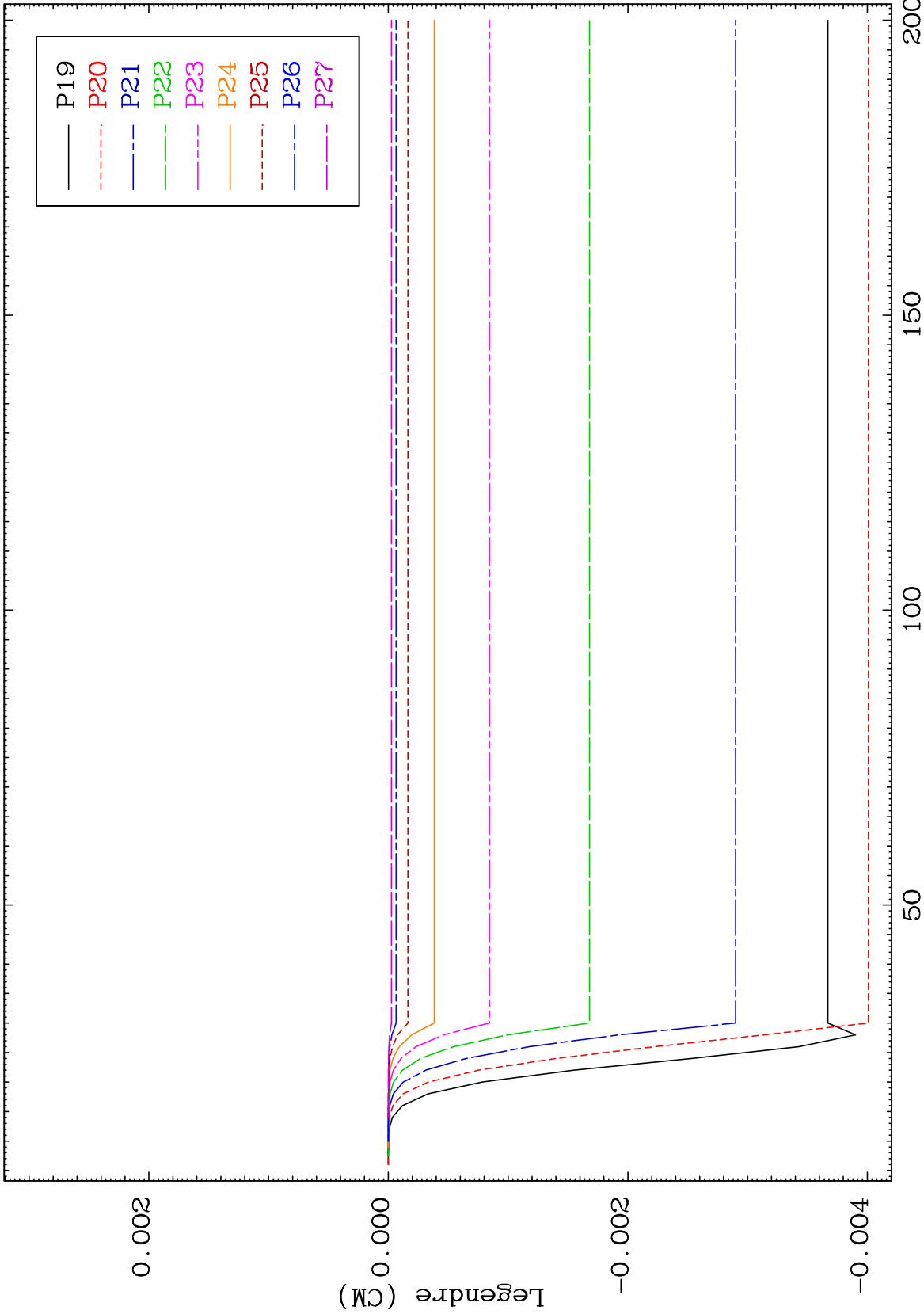
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



22

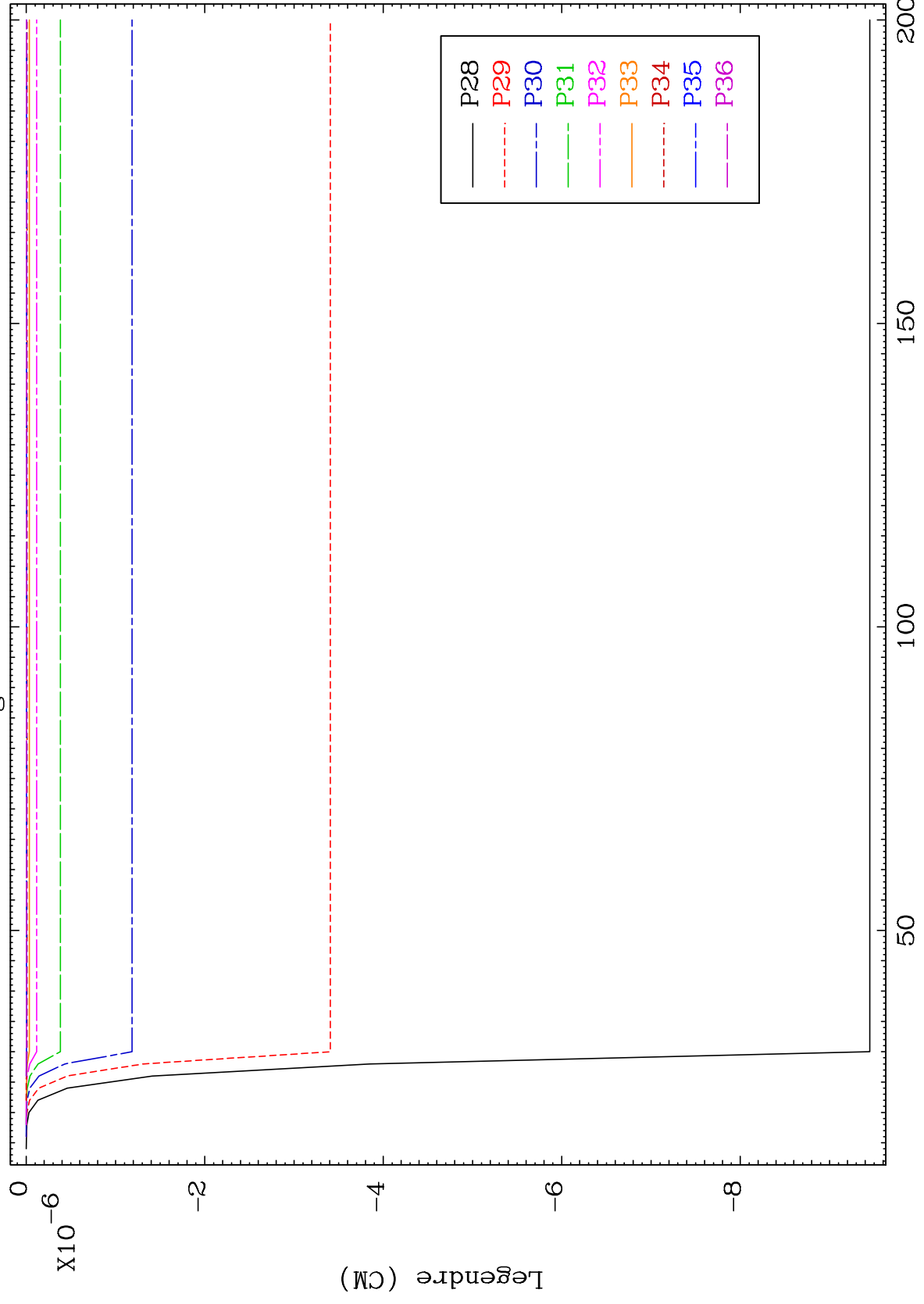
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151

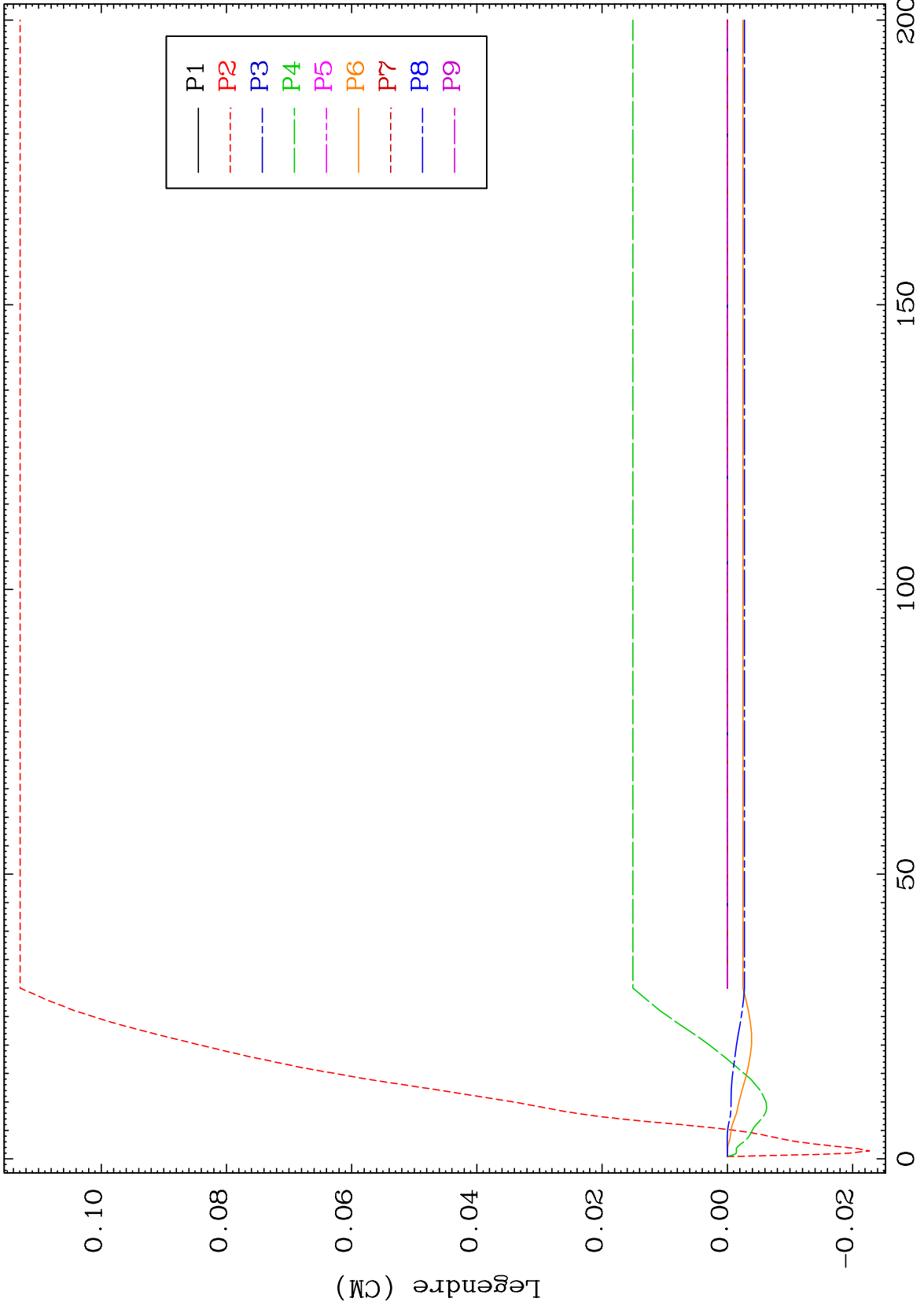


66-Dy-151

Incident Energy (MeV)

23

MAT 6610 MT= 52 (n,n') Level Legendre Coefficients 66-Dy-151

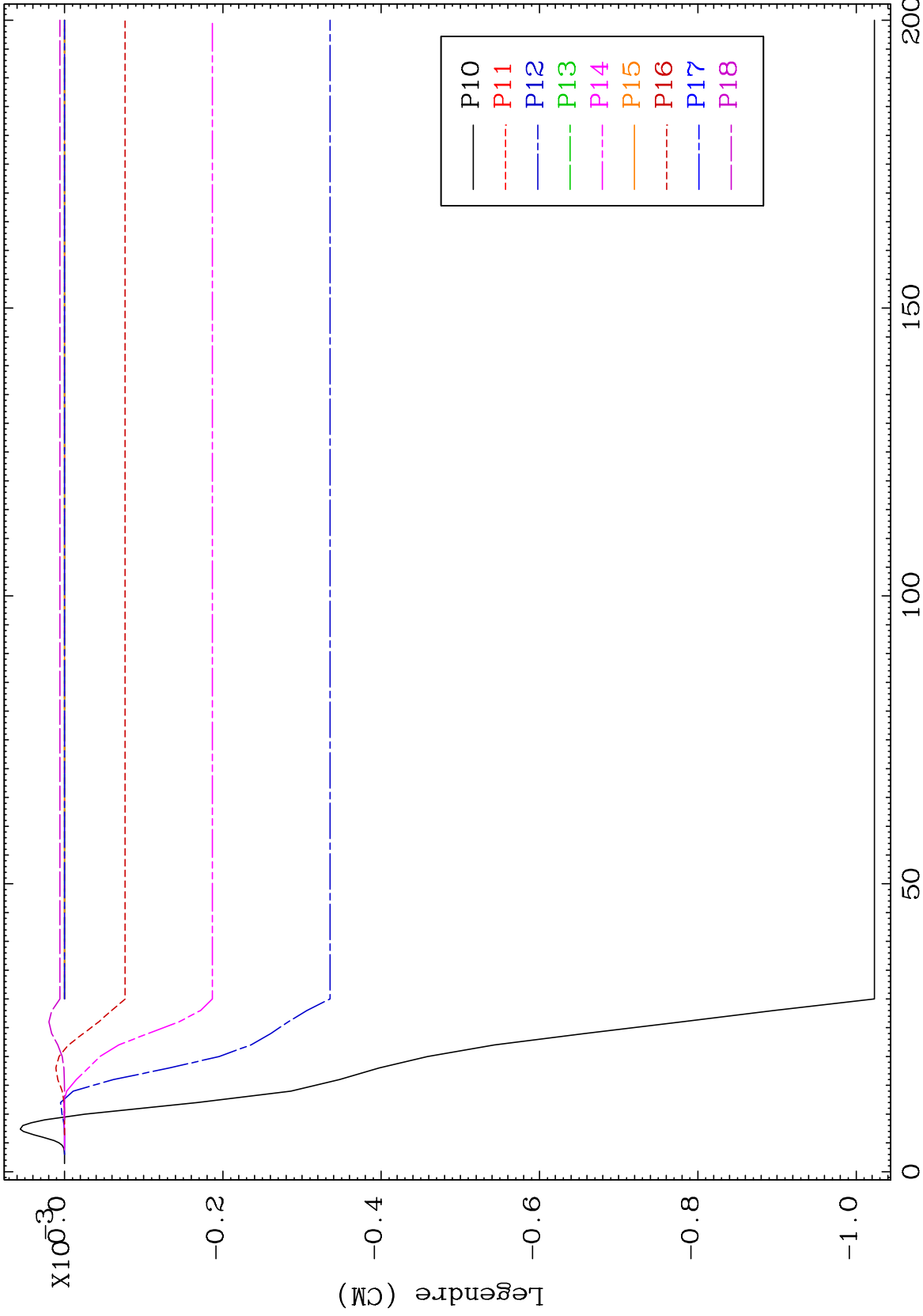


24 66-Dy-151

MAT 6610

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

66-Dy-151

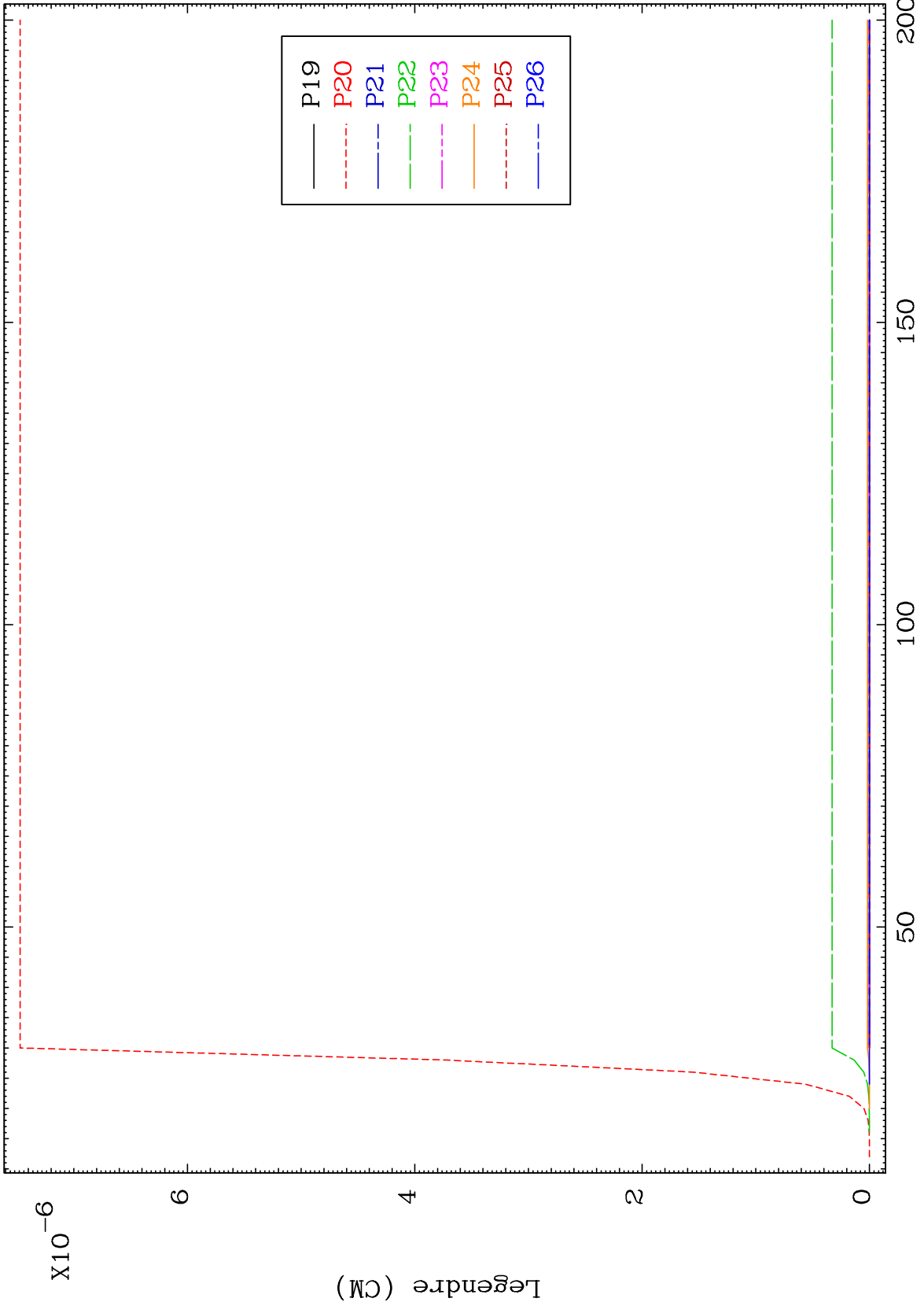


25

Incident Energy (MeV)

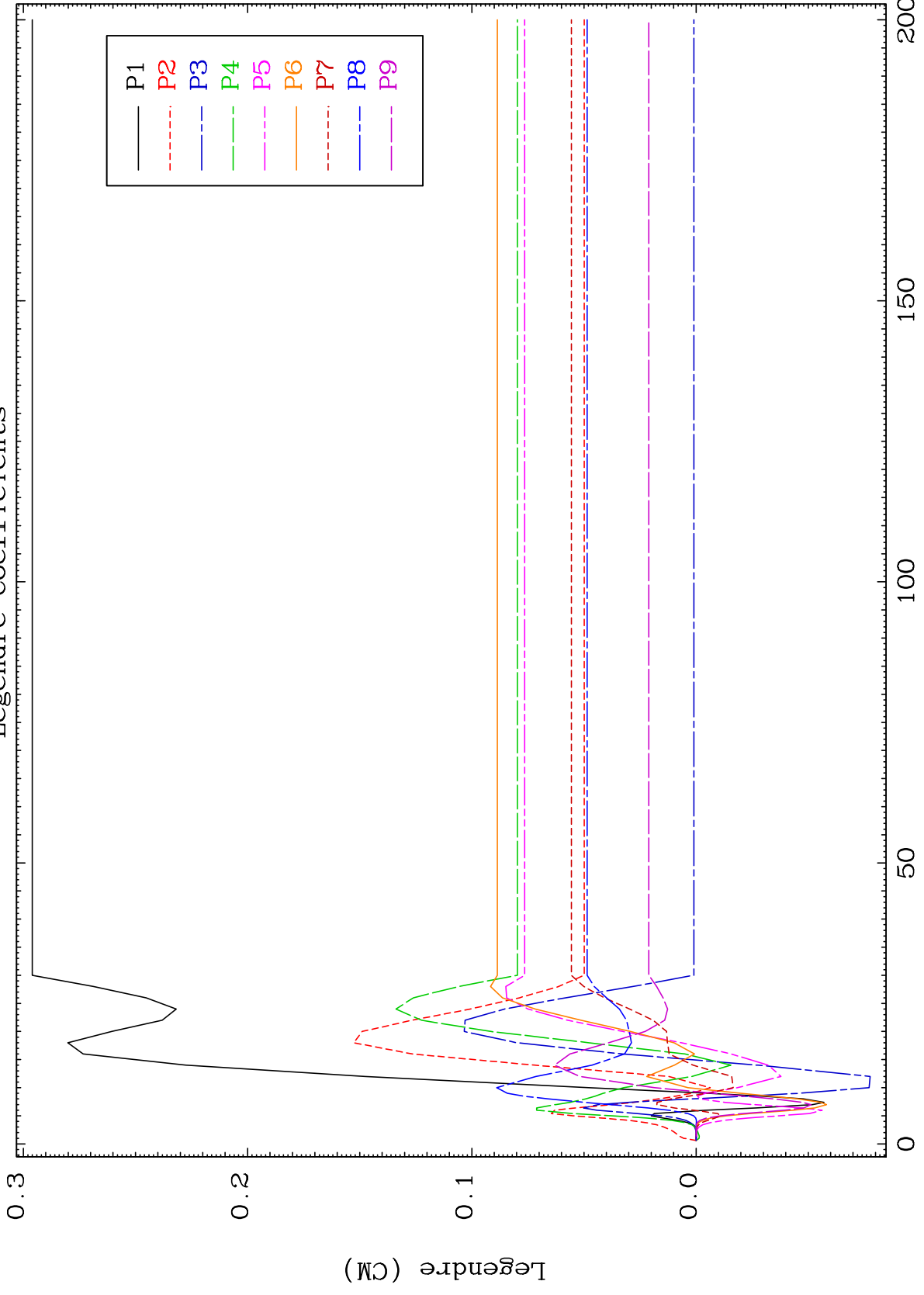
66-Dy-151

MAT 6610 MT= 52 (n,n') Level Legendre Coefficients 66-Dy-151



26 Incident Energy (MeV) 66-Dy-151

MAT 6610 MT= 53 (n,n') Level Legendre Coefficients 66-Dy-151

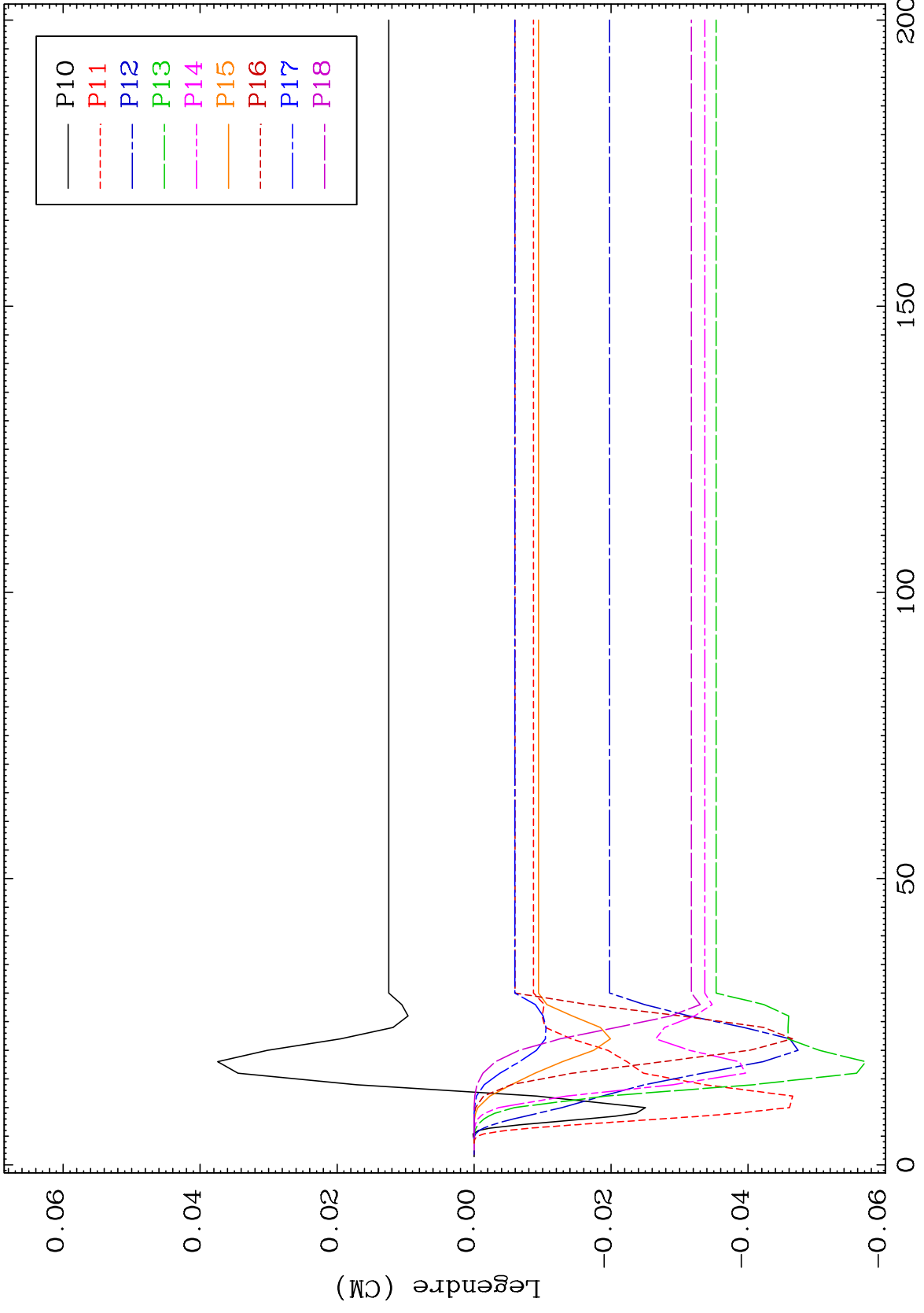


27 Incident Energy (MeV) 66-Dy-151

MAT 6610

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

66-Dy-151



28

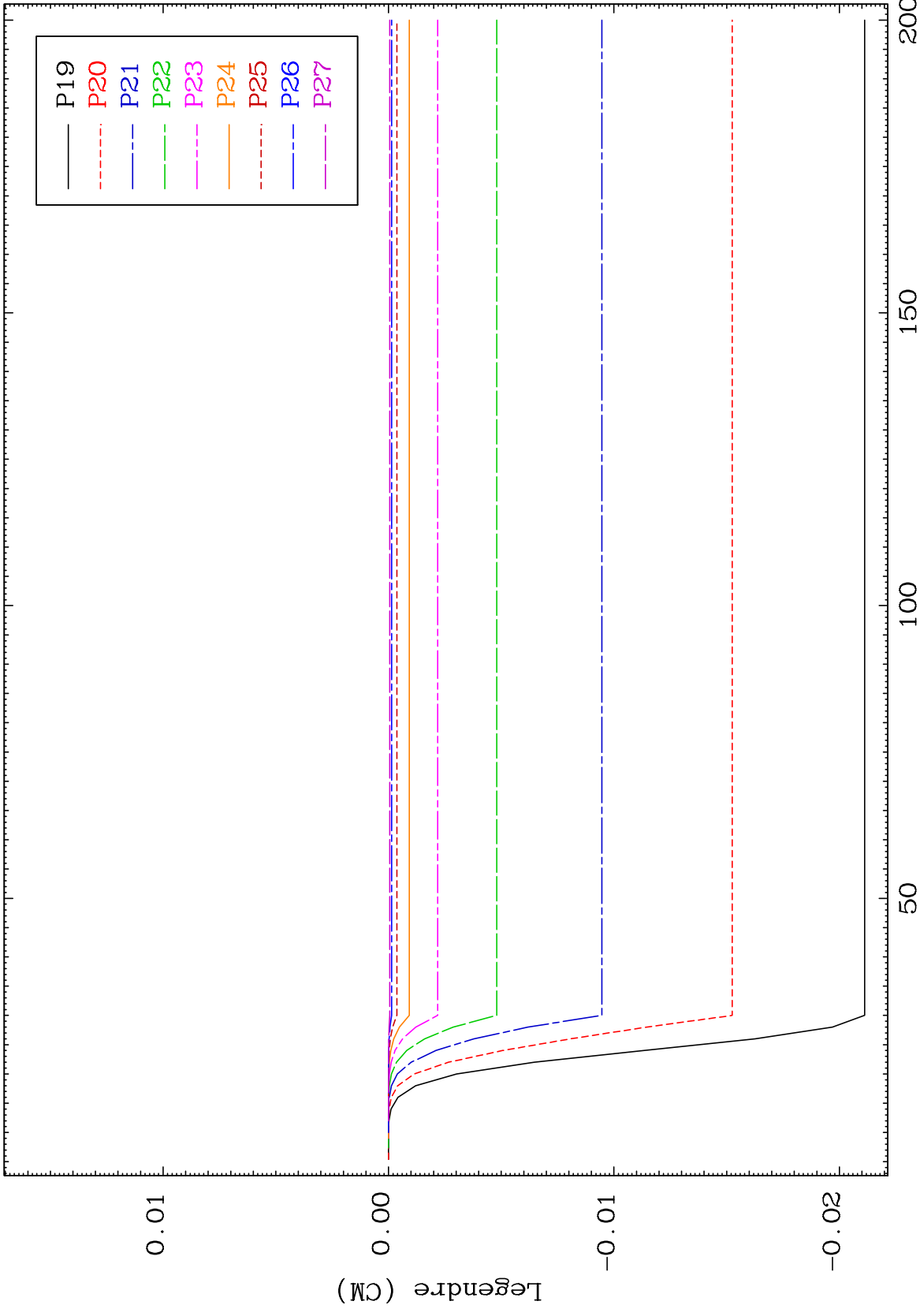
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



29

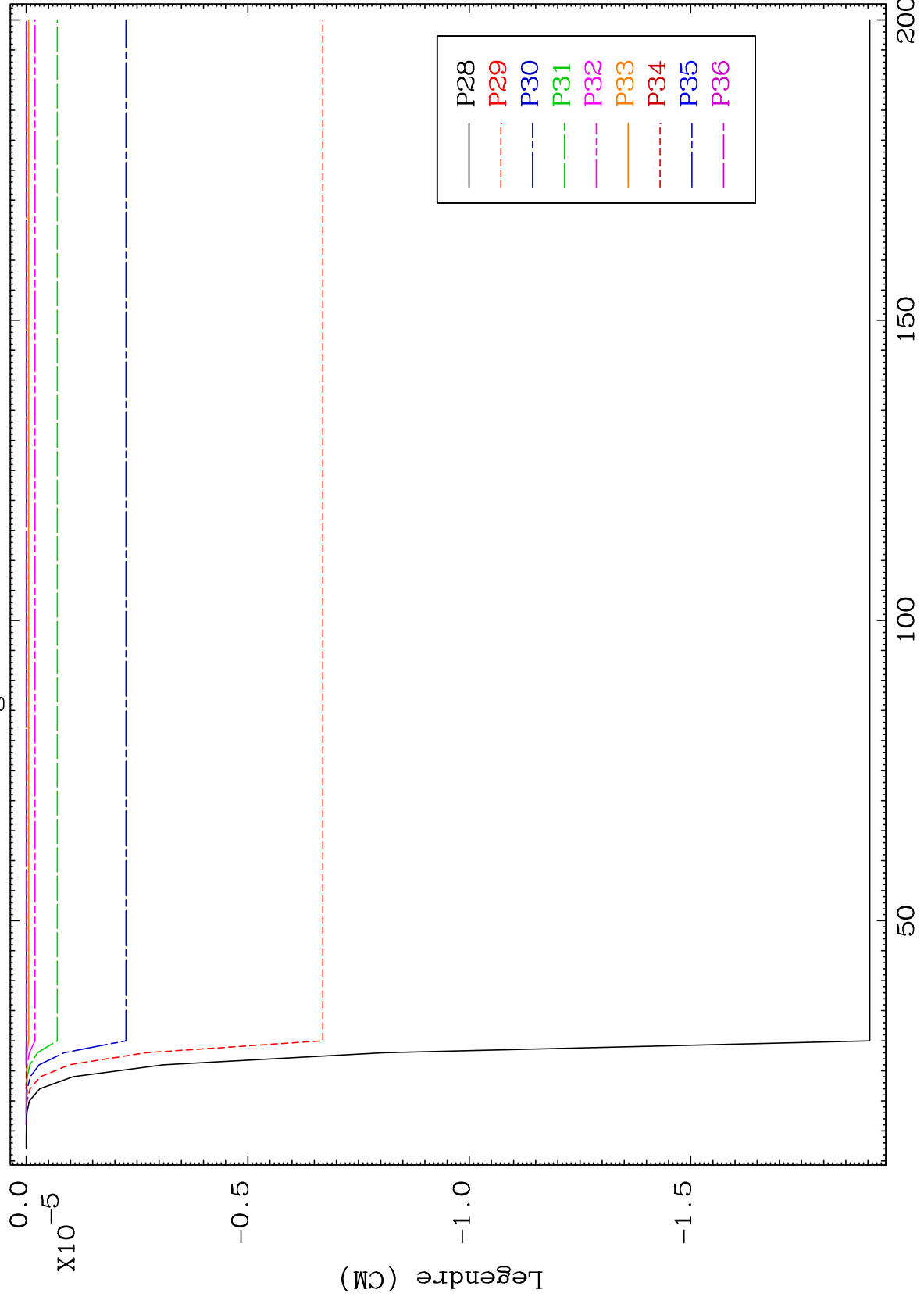
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151

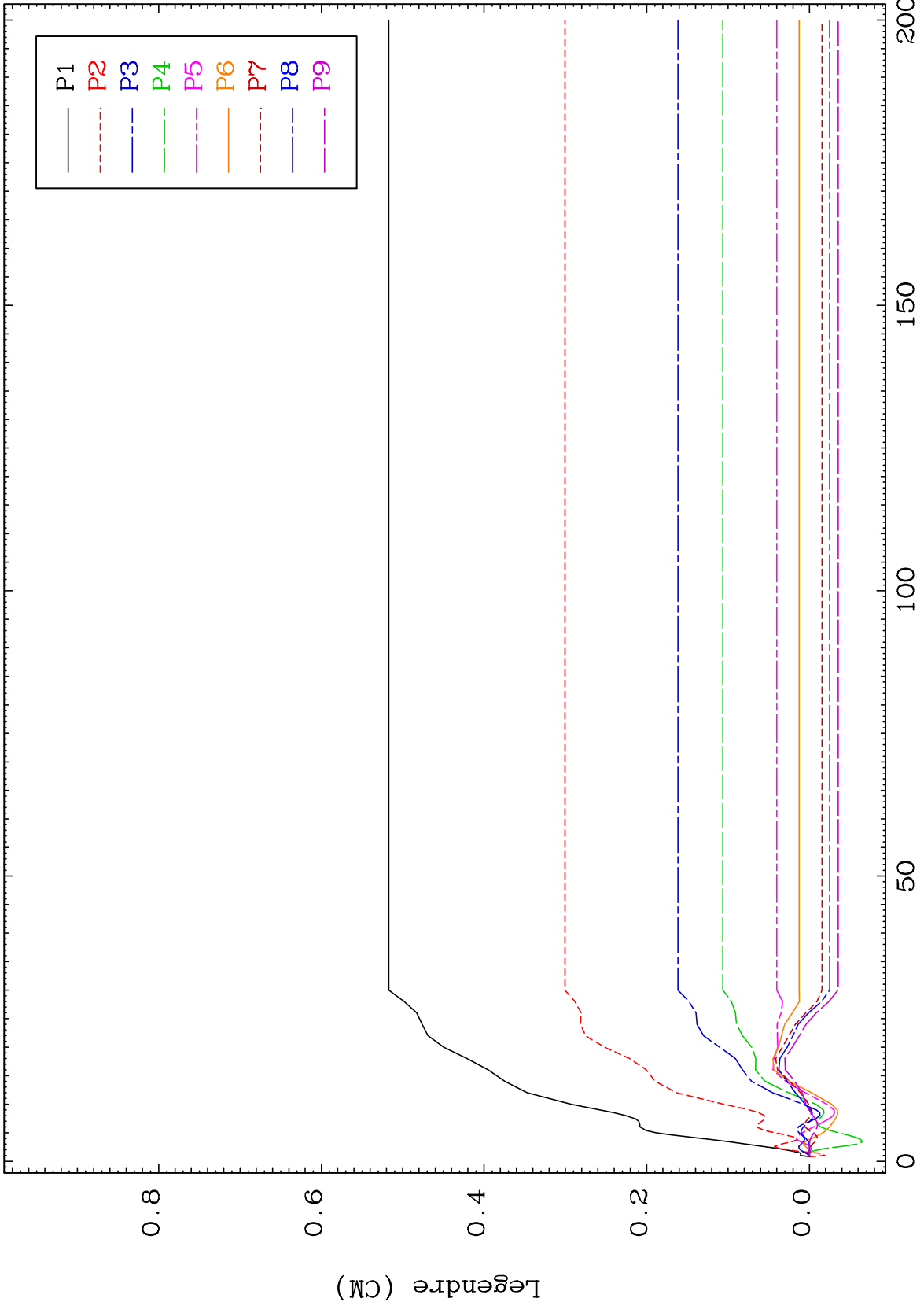


66-Dy-151

Incident Energy (MeV)

30

MAT 6610 MT= 54 (n,n') Level Legendre Coefficients 66-Dy-151

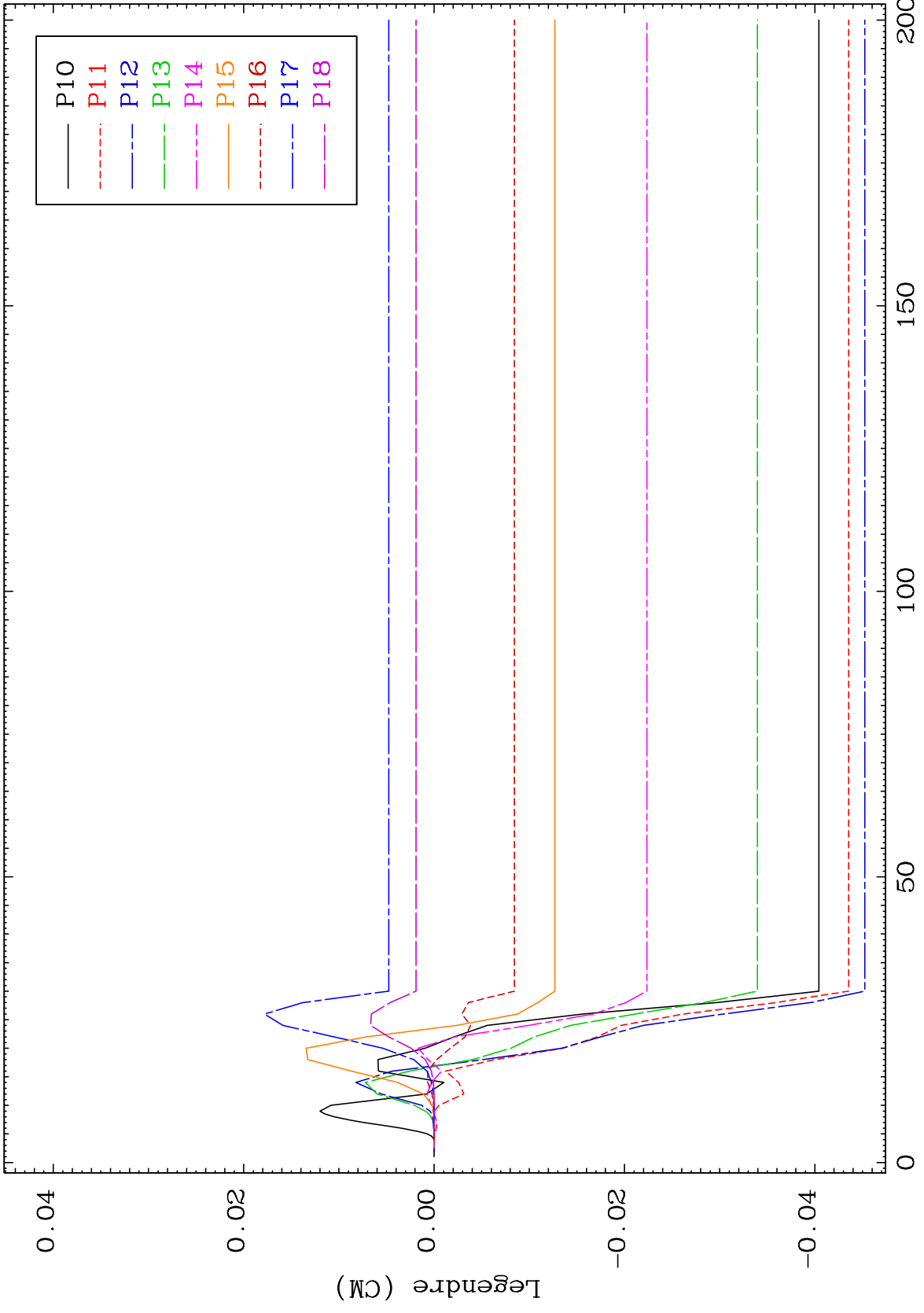


31 66-Dy-151

MAT 6610

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

66-Dy-151



32

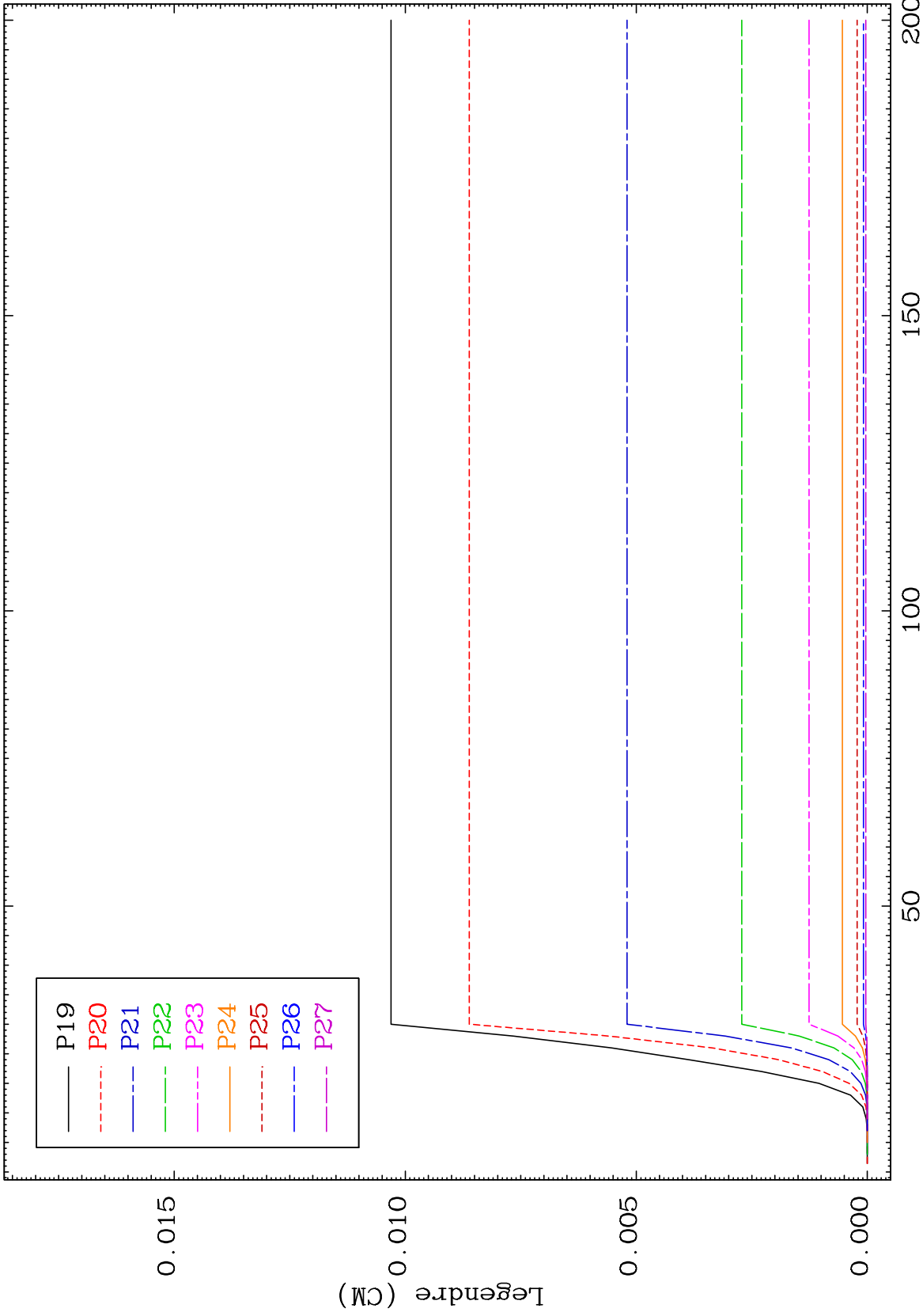
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



33

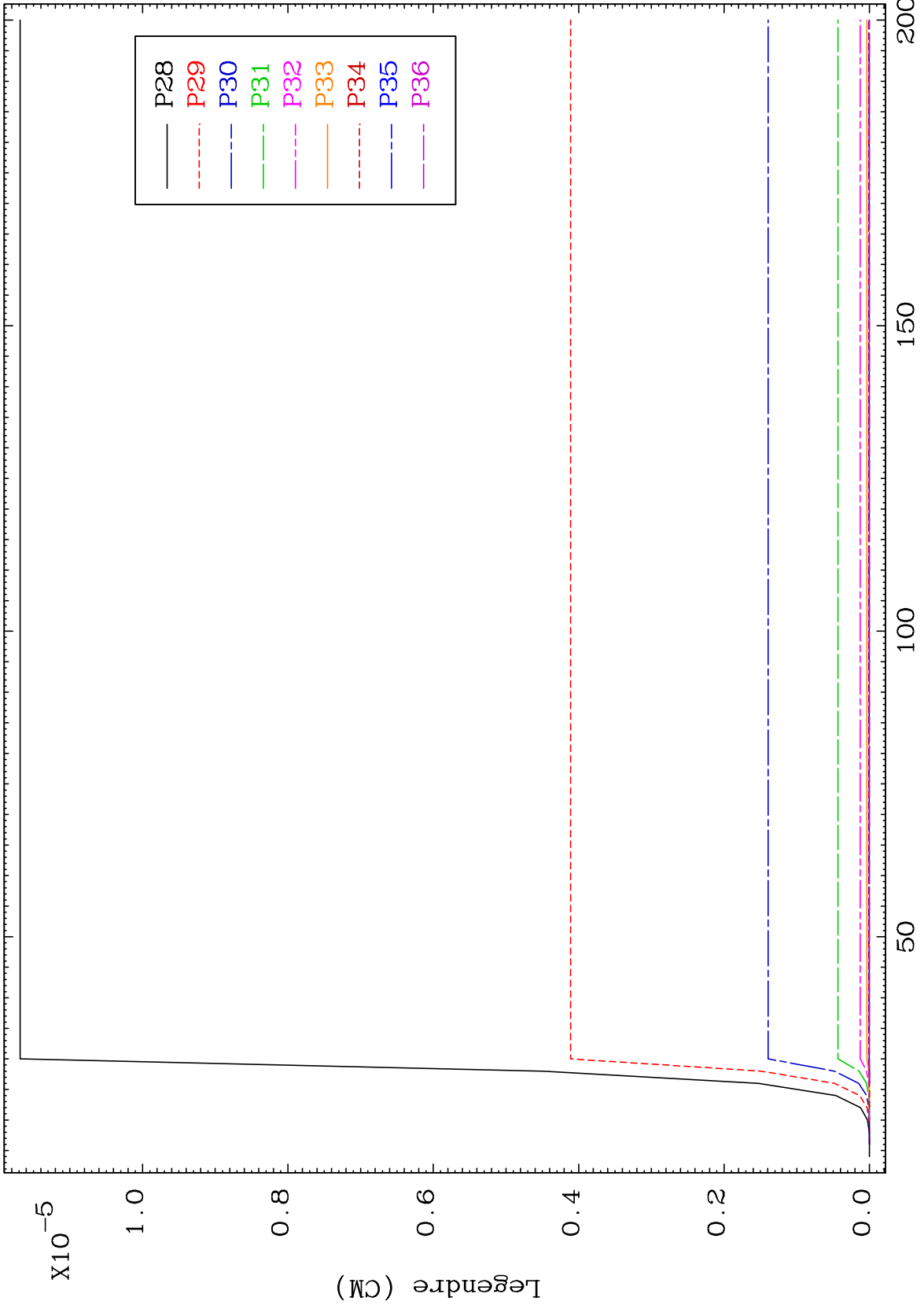
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

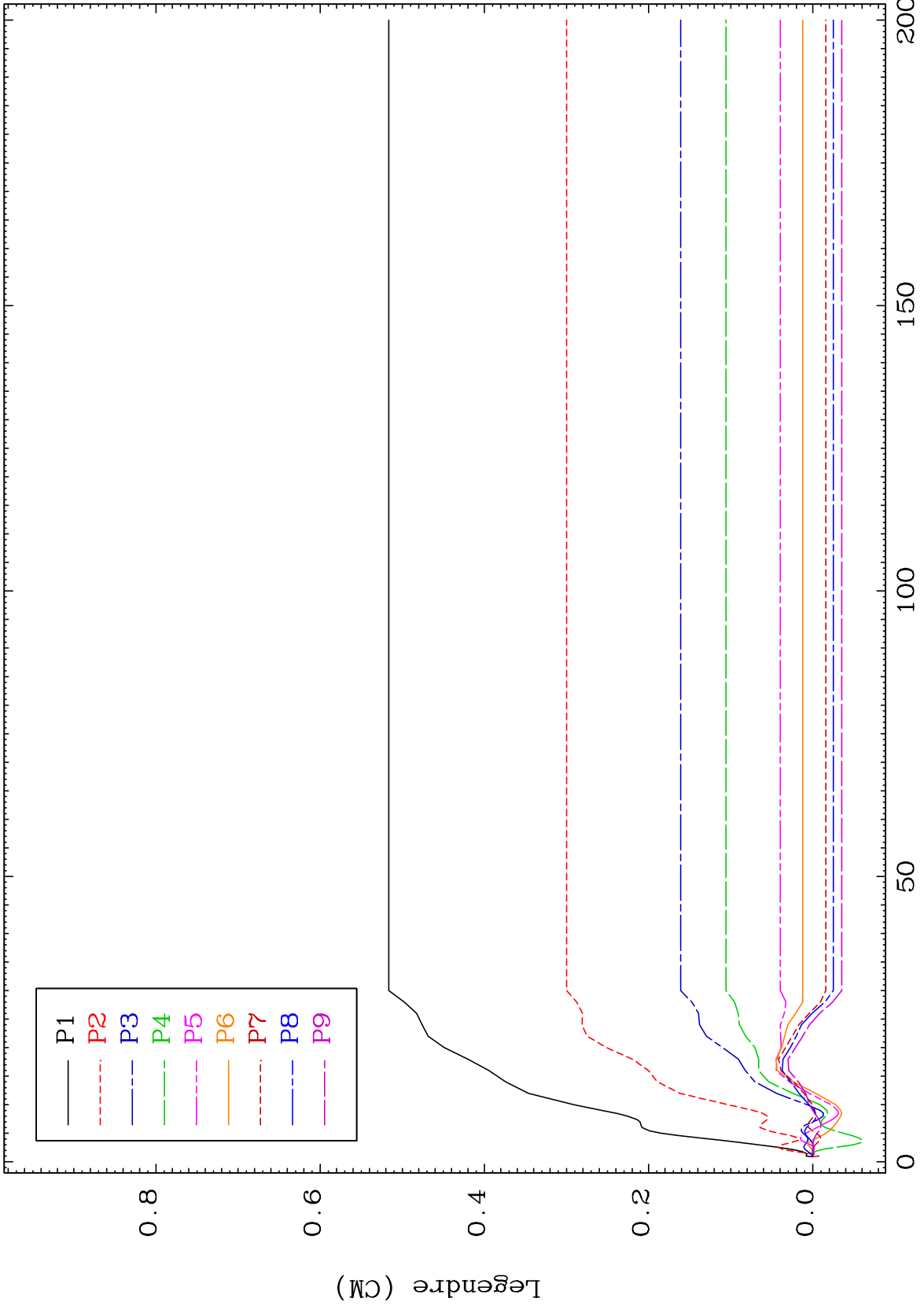
66-Dy-151



34

66-Dy-151

MAT 6610 MT= 55 (n,n') Level Legendre Coefficients 66-Dy-151

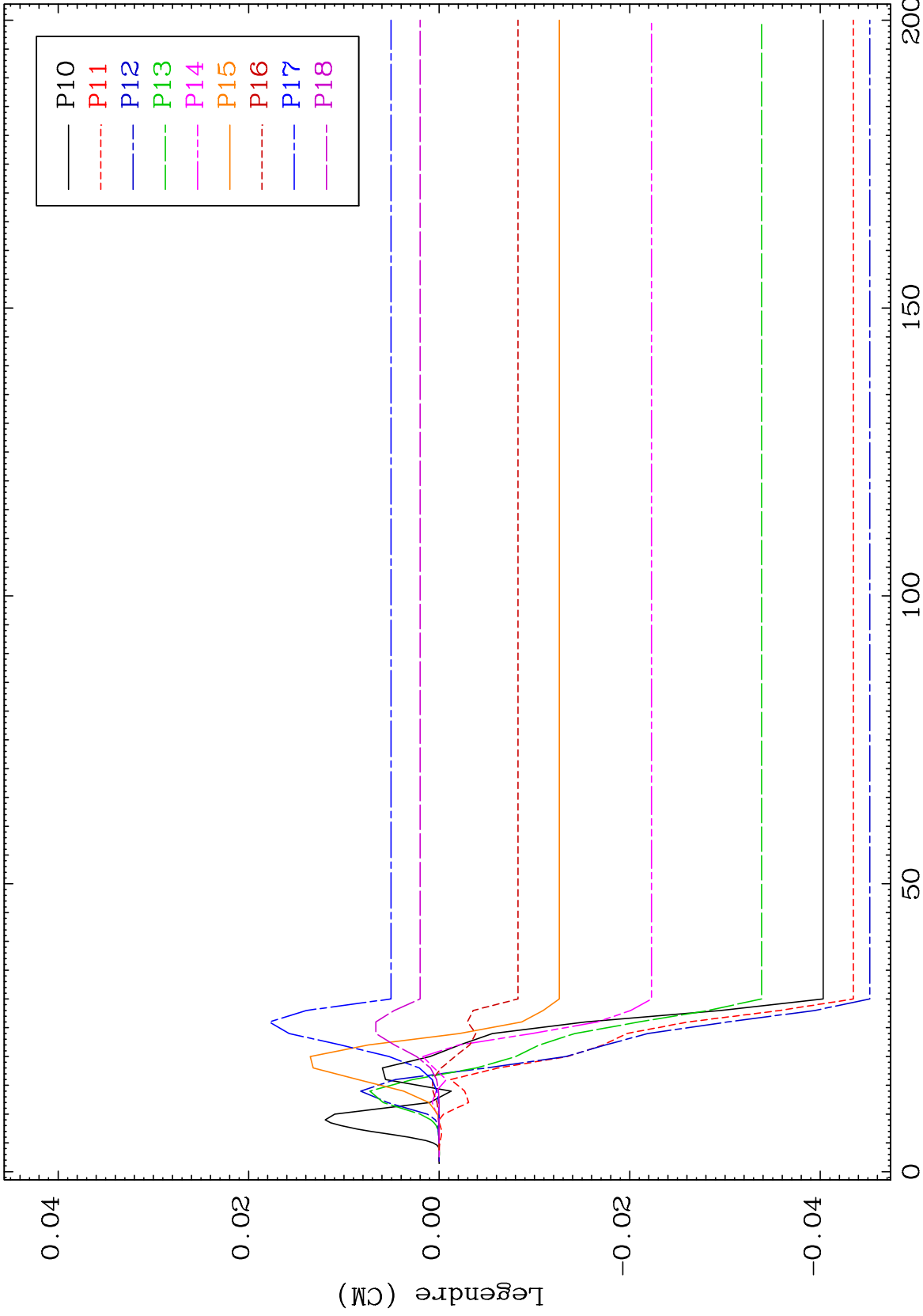


35 Incident Energy (MeV) 66-Dy-151

MAT 6610

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

66-Dy-151



36

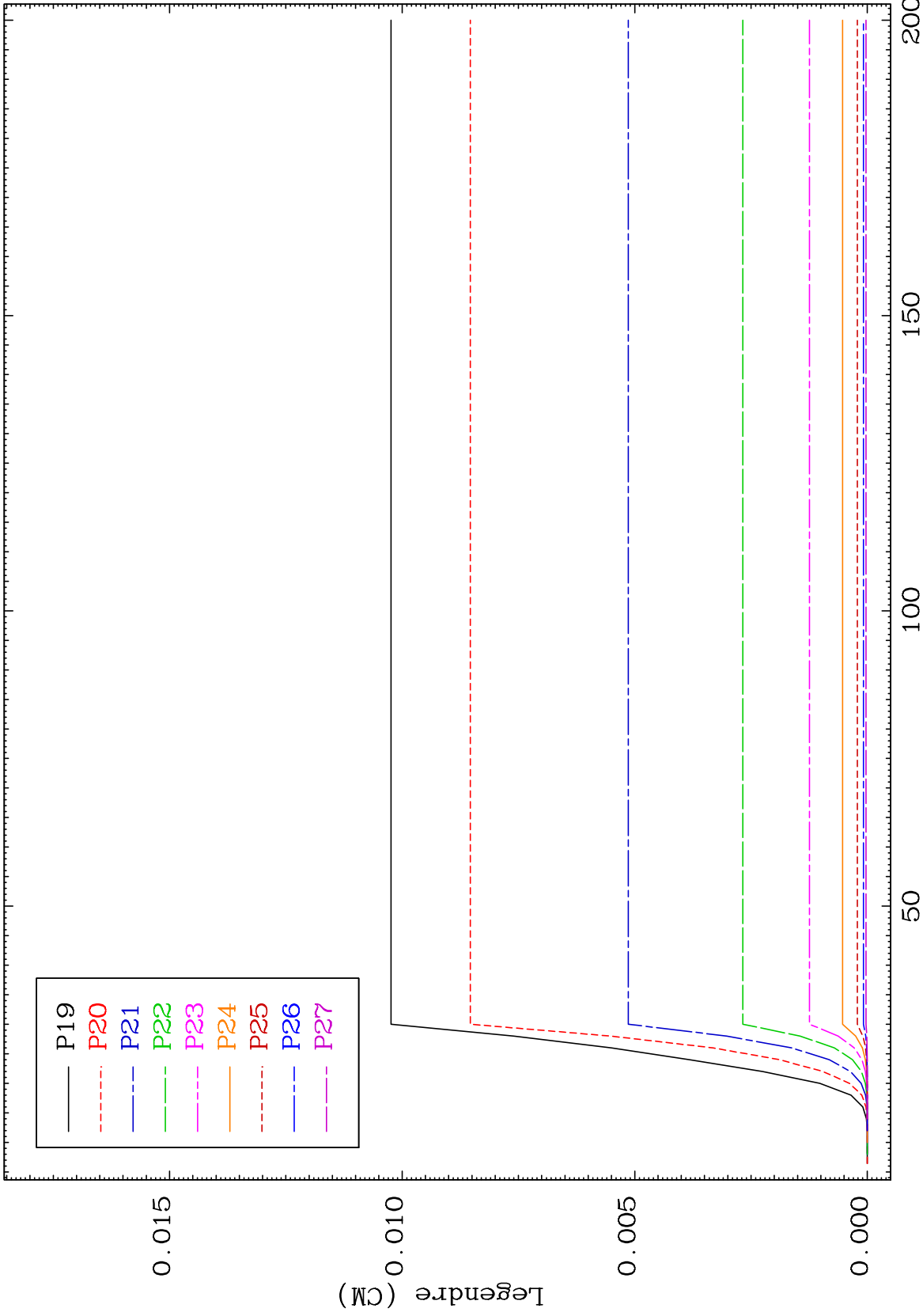
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



37

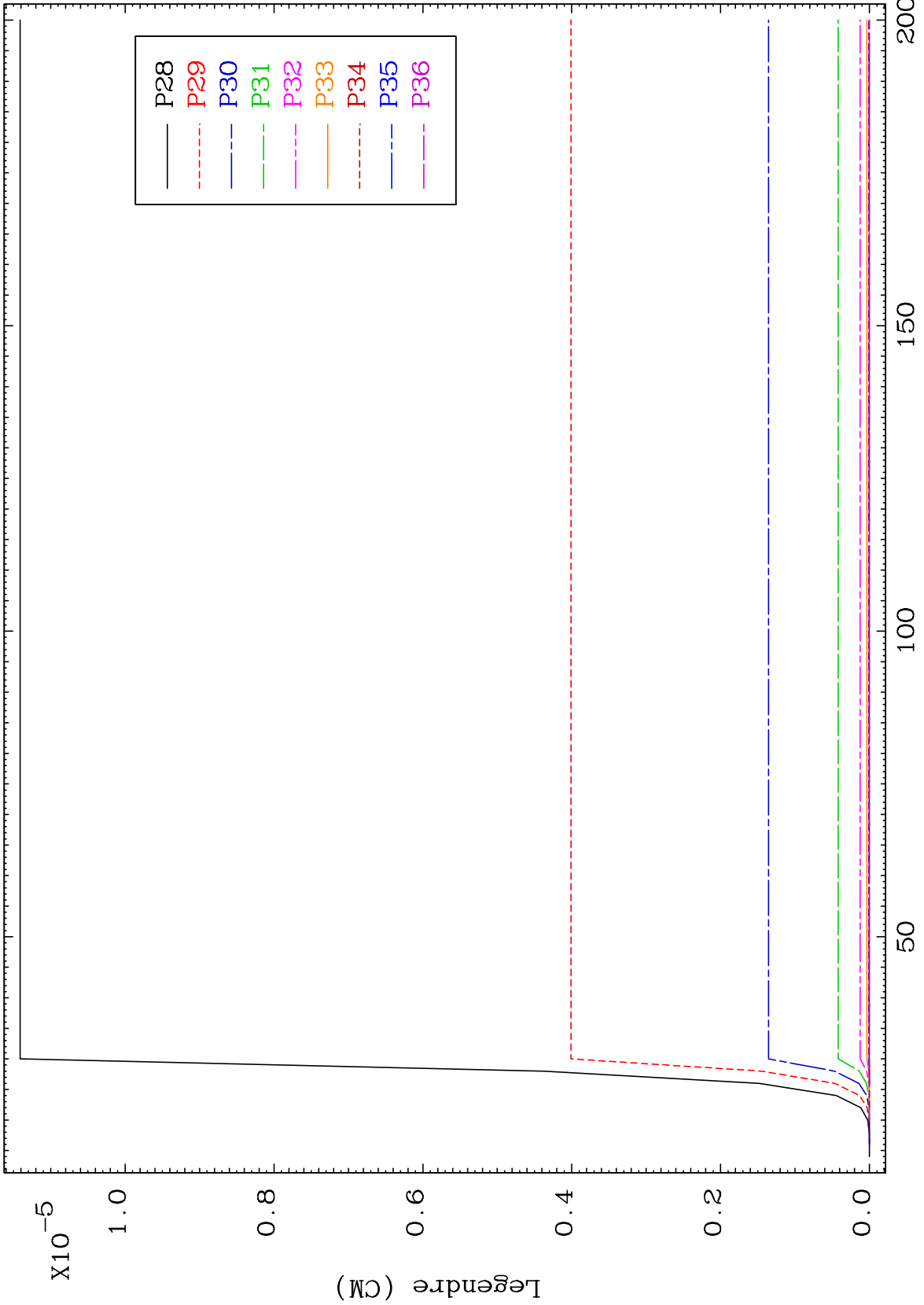
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



38

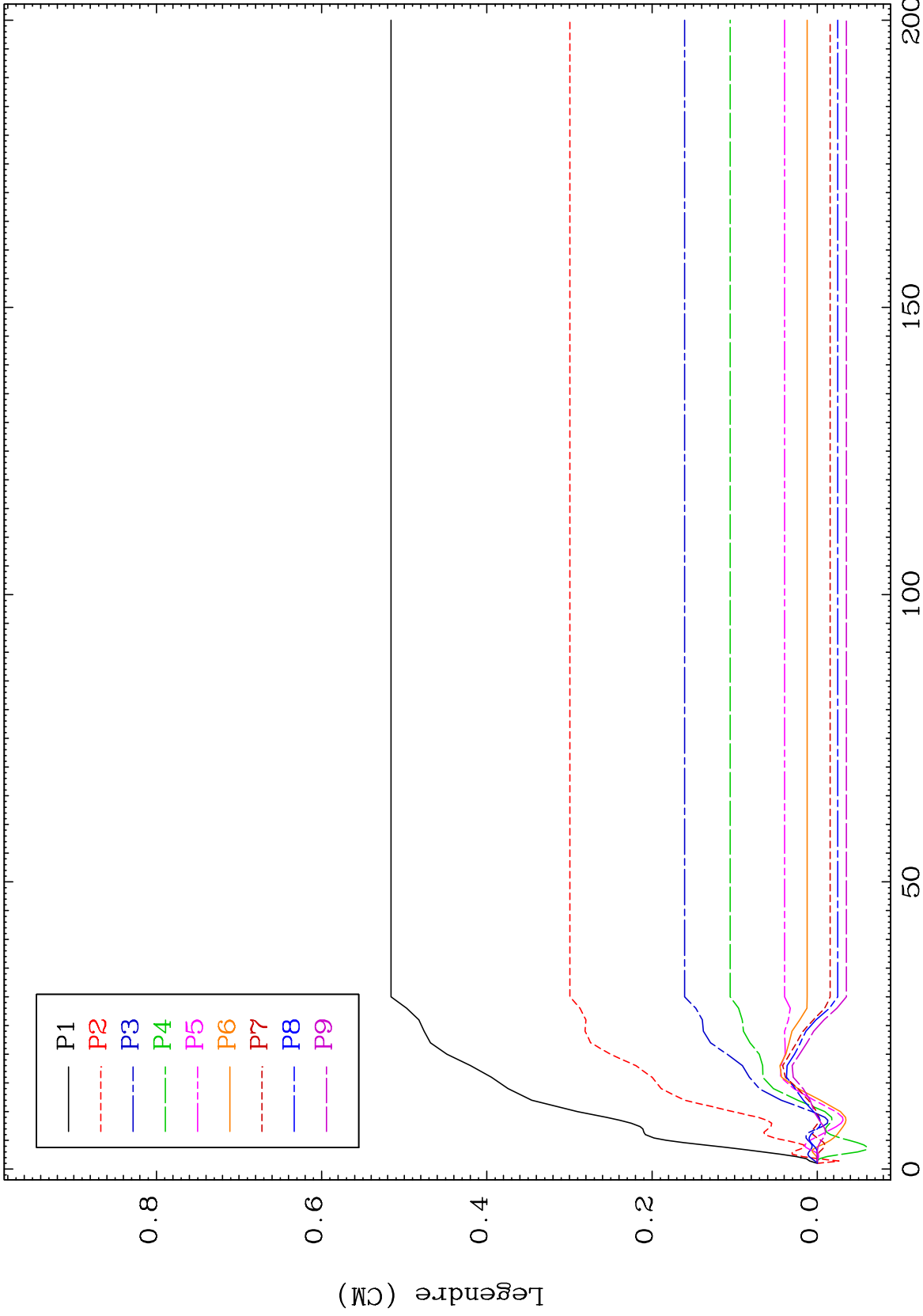
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151

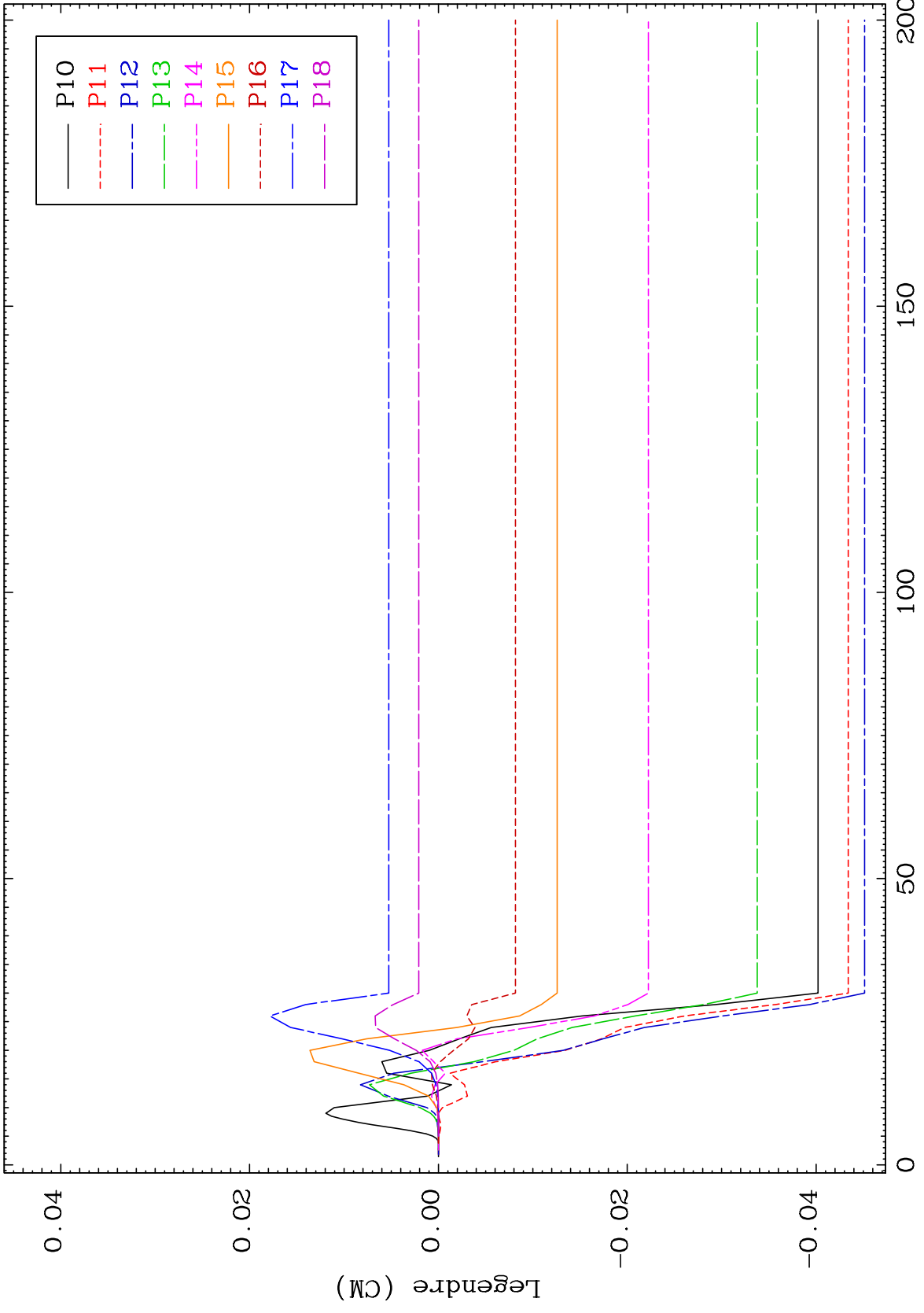


39

Incident Energy (MeV)

66-Dy-151

MAT 6610 MT= 56 (n,n') Level Legendre Coefficients 66-Dy-151

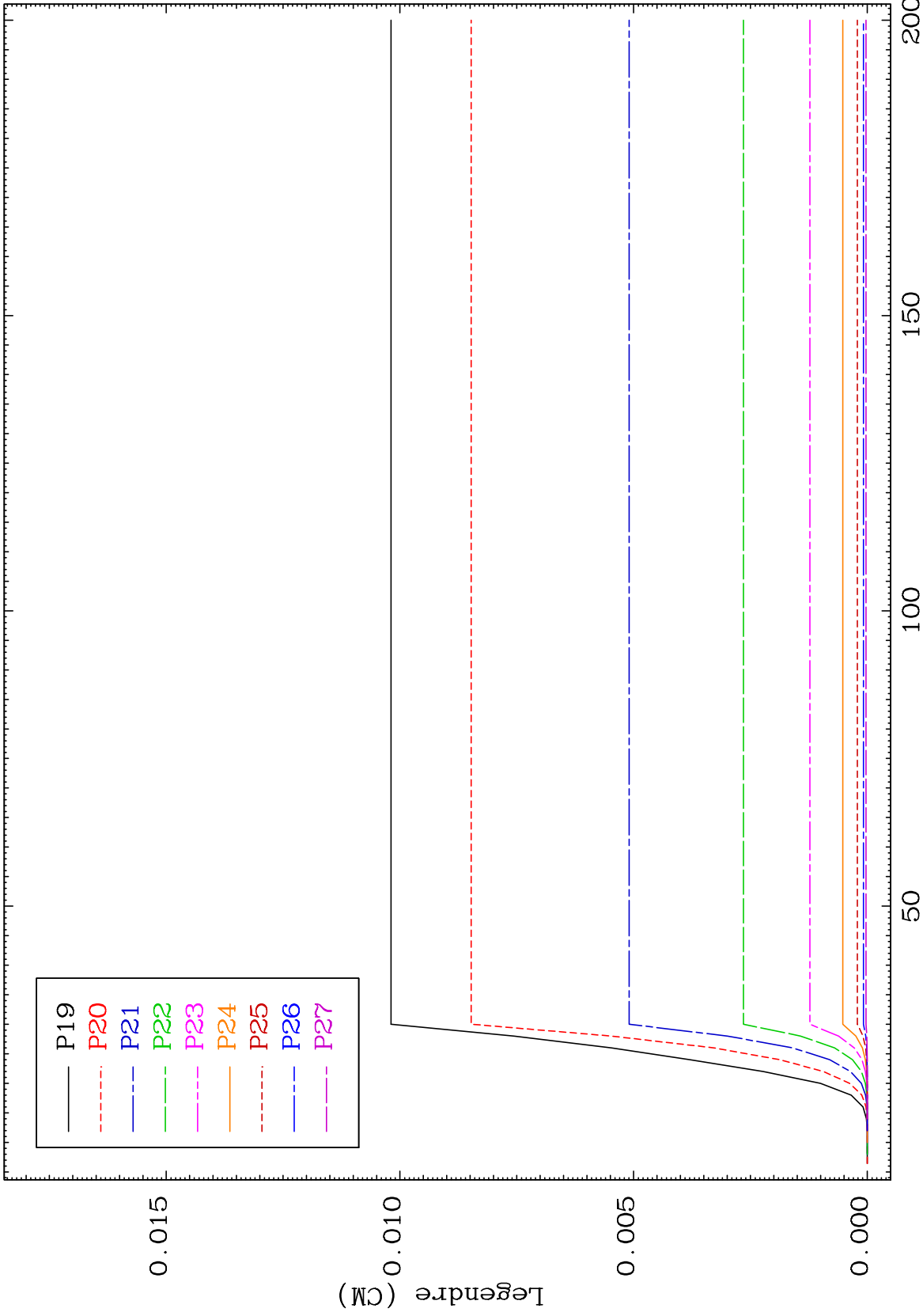


Legendre (CM) Incident Energy (MeV) 66-Dy-151

MAT 6610

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

66-Dy-151



41

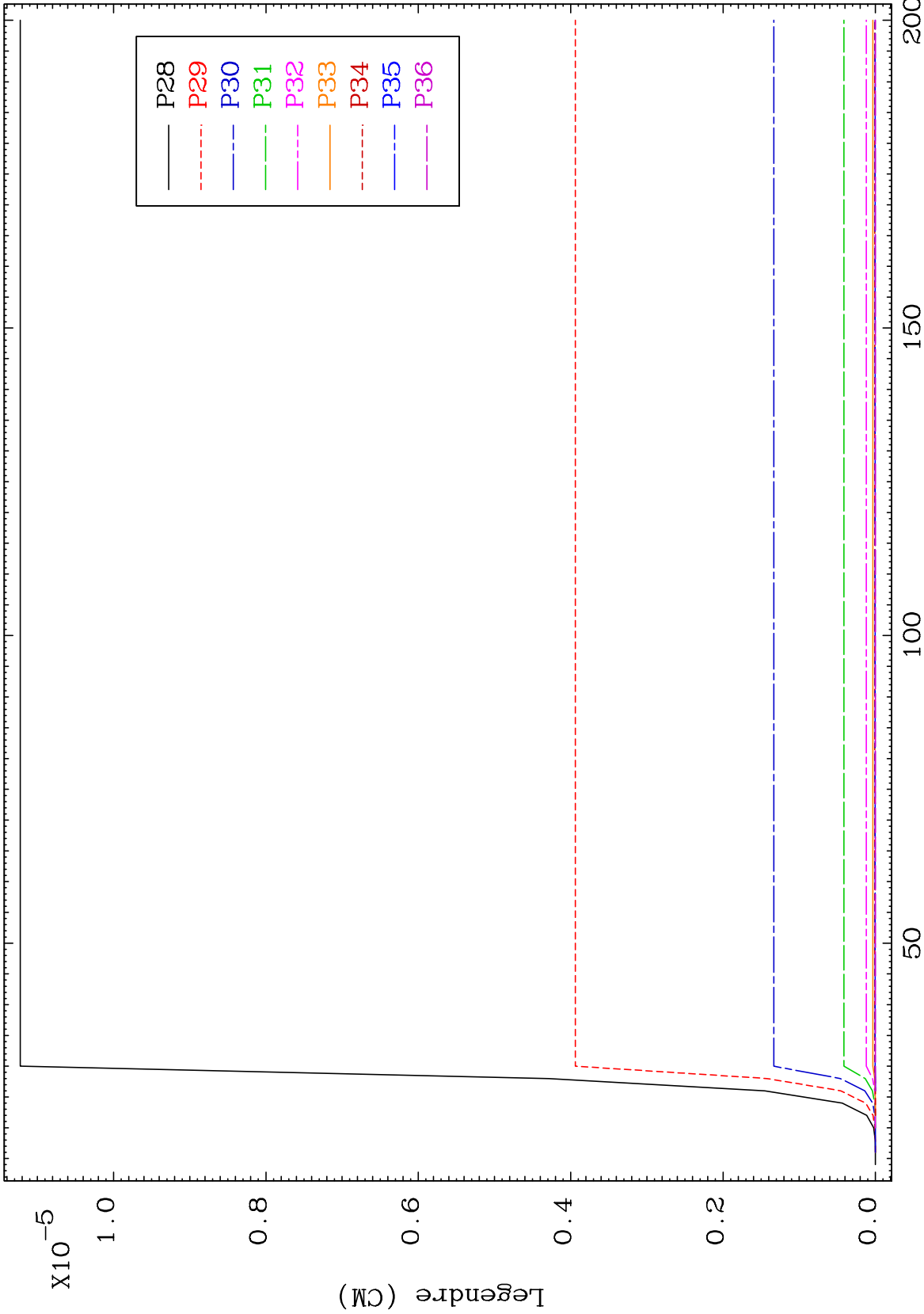
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



42

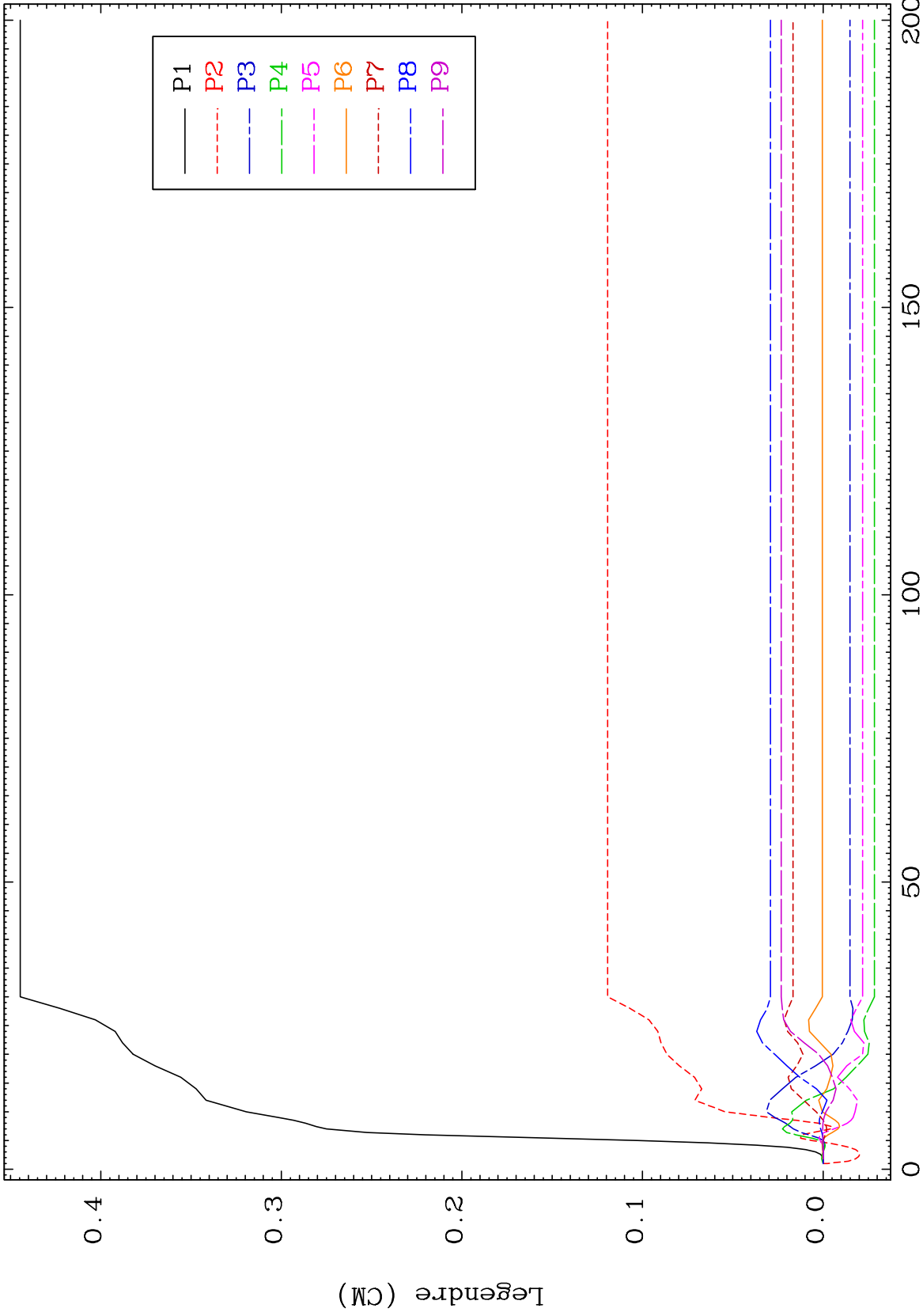
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



43

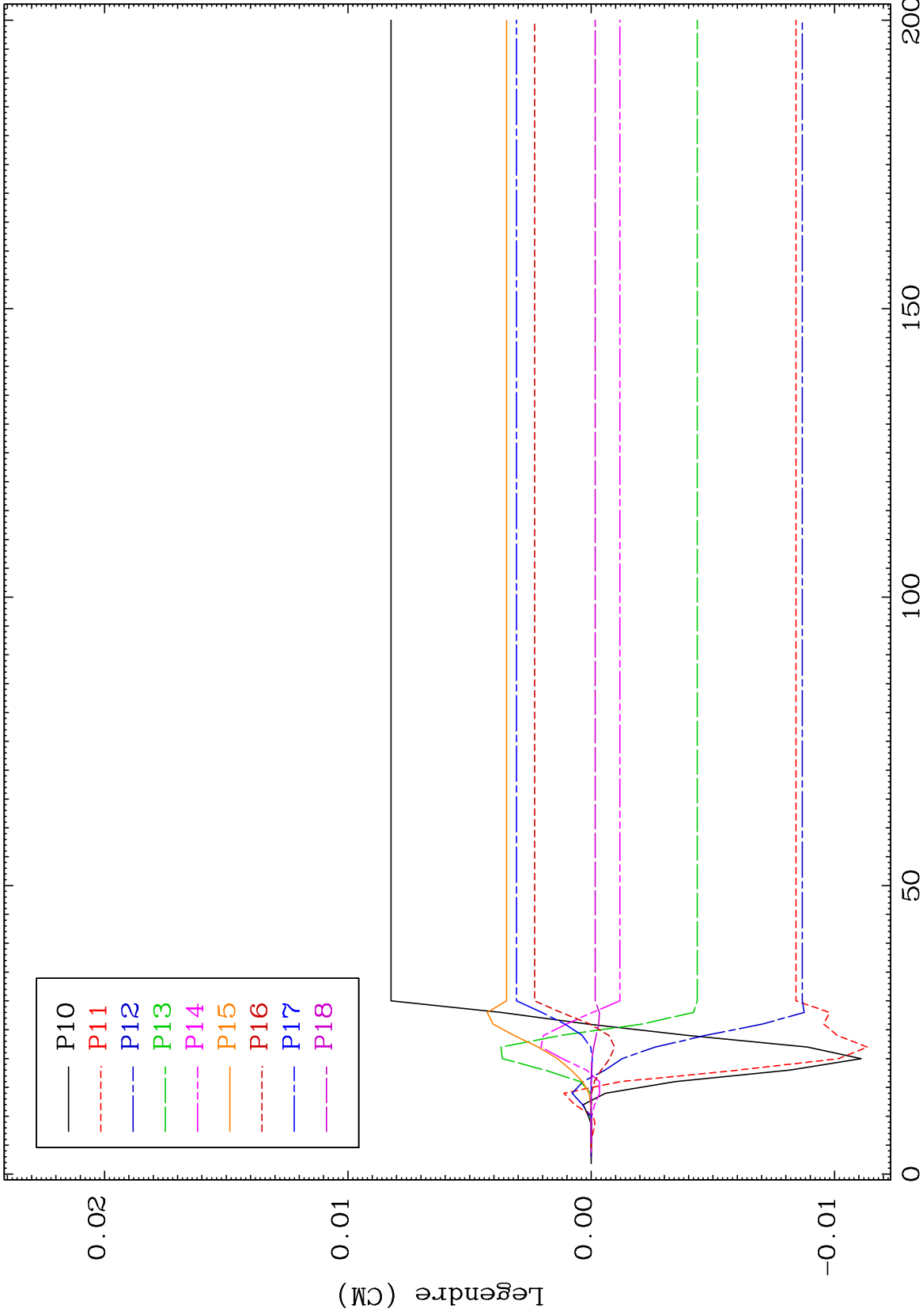
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



44

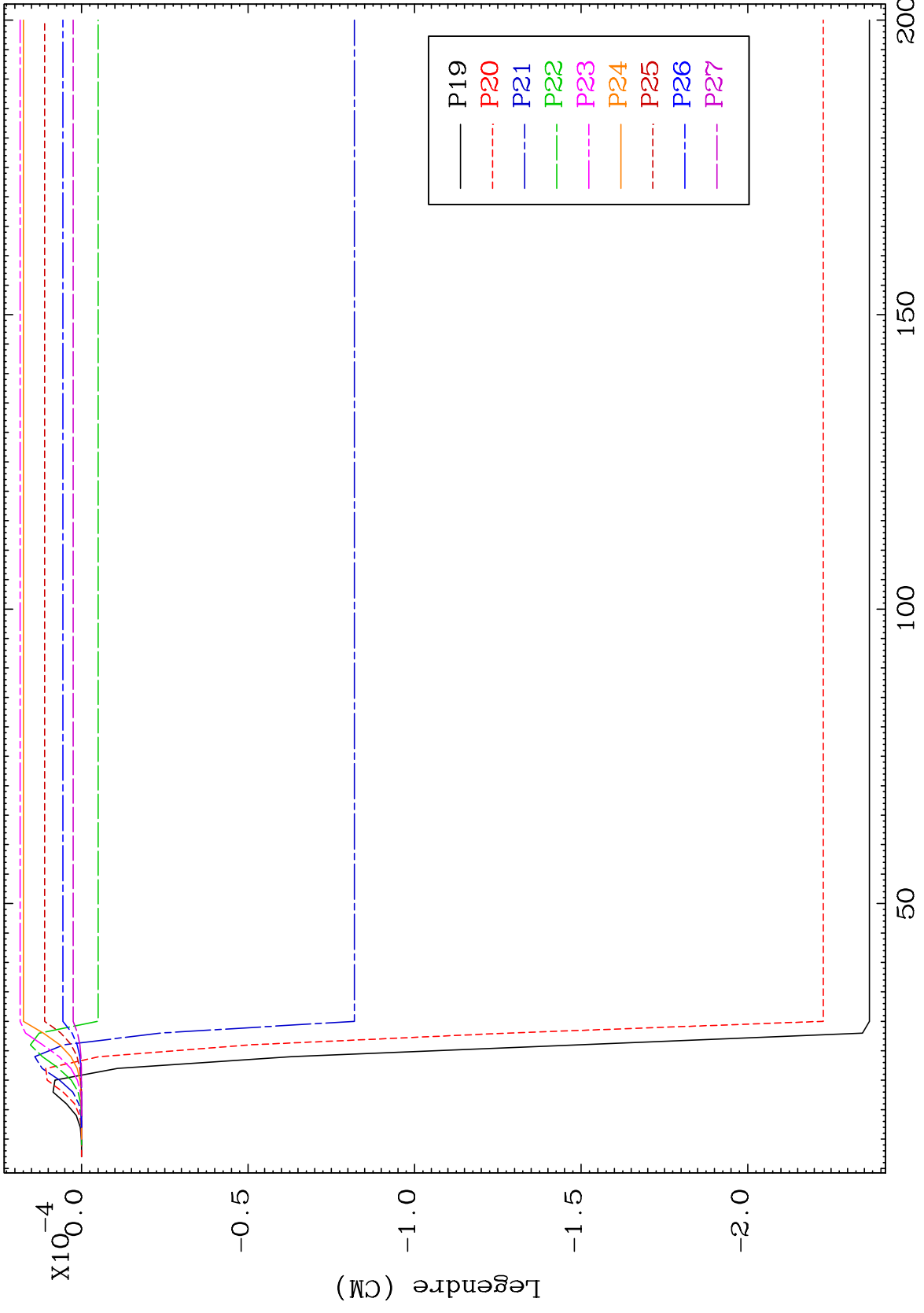
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



66-Dy-151

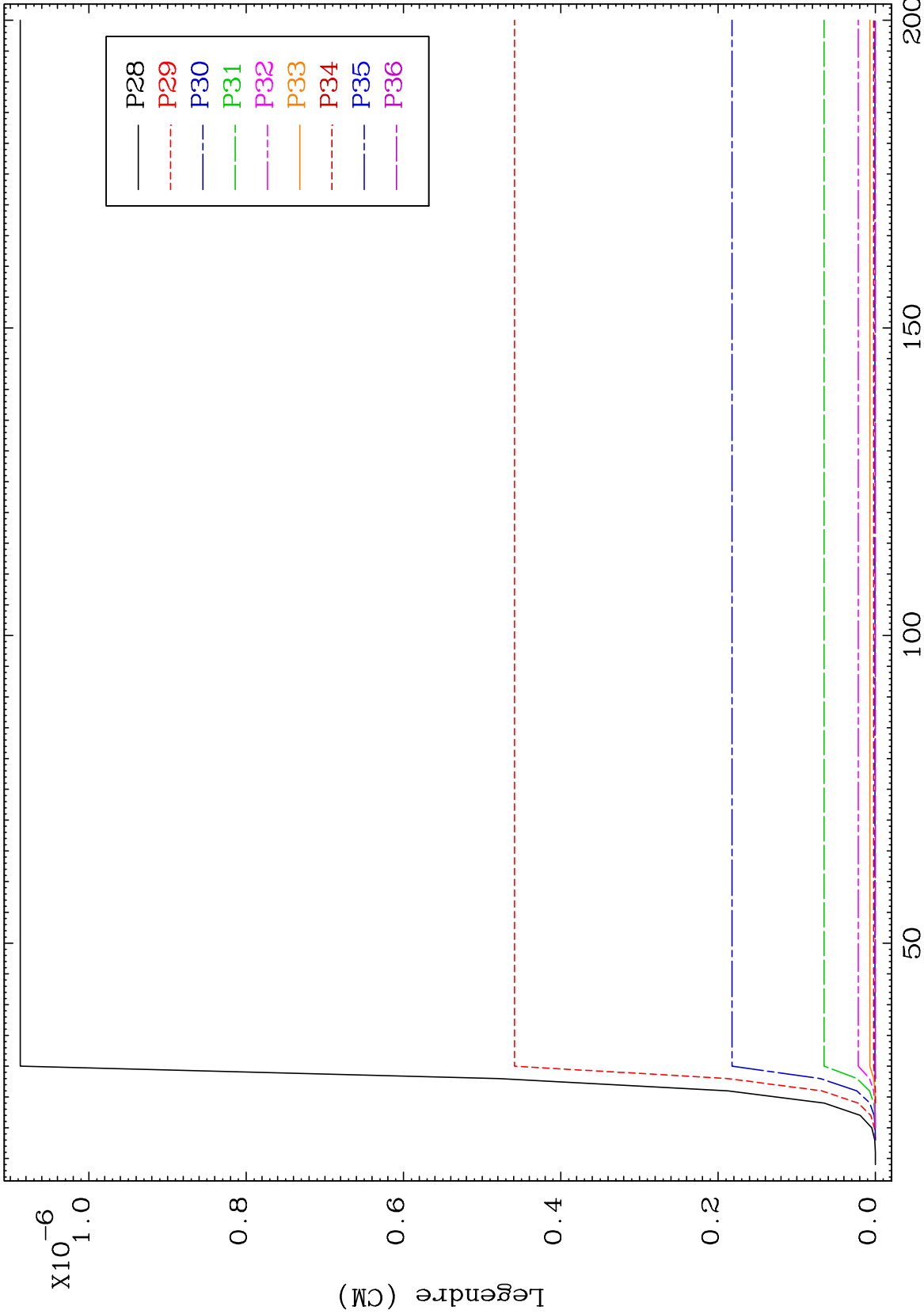
Incident Energy (MeV)

45

MAT 6610

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

66-Dy-151

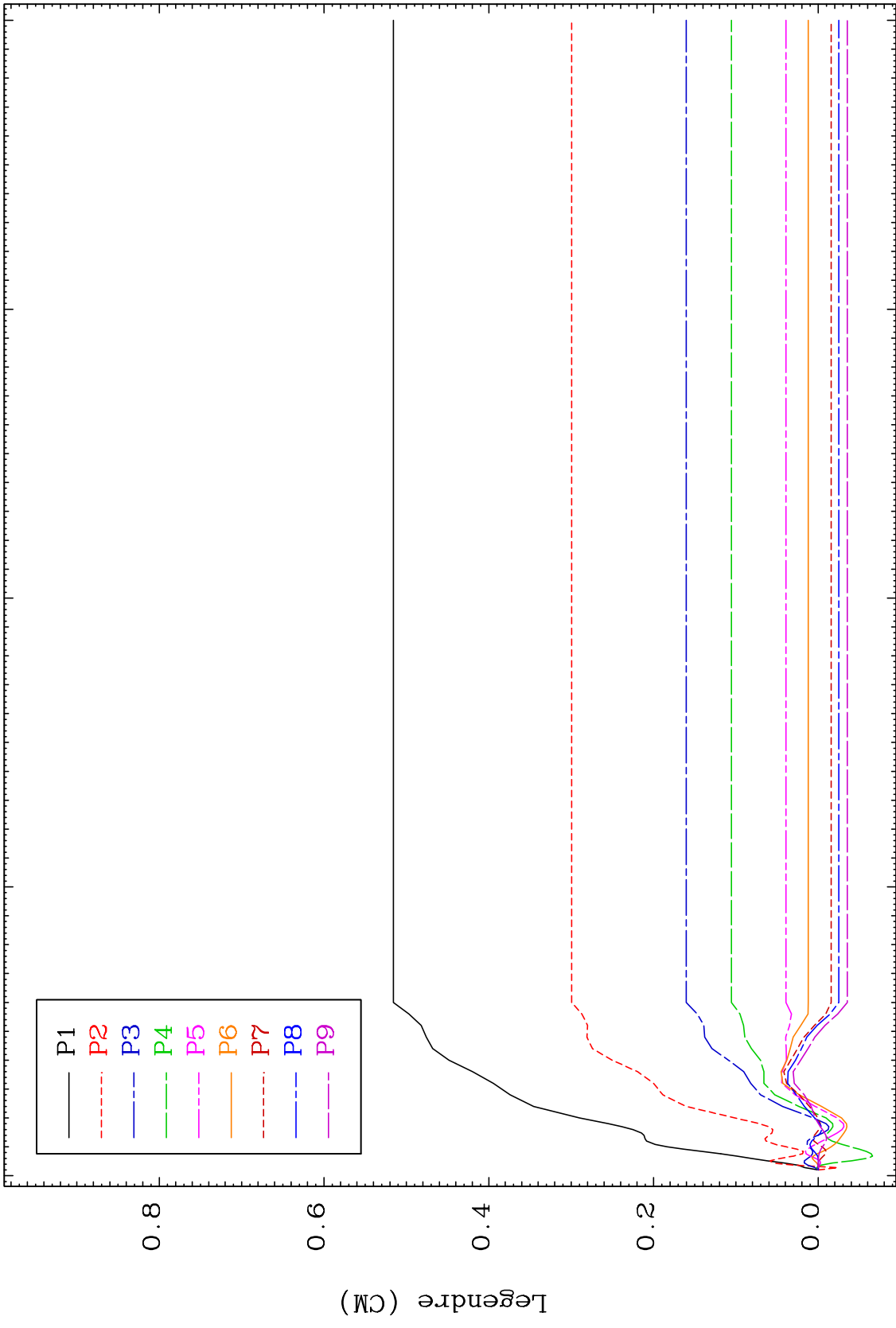


46

Incident Energy (MeV)

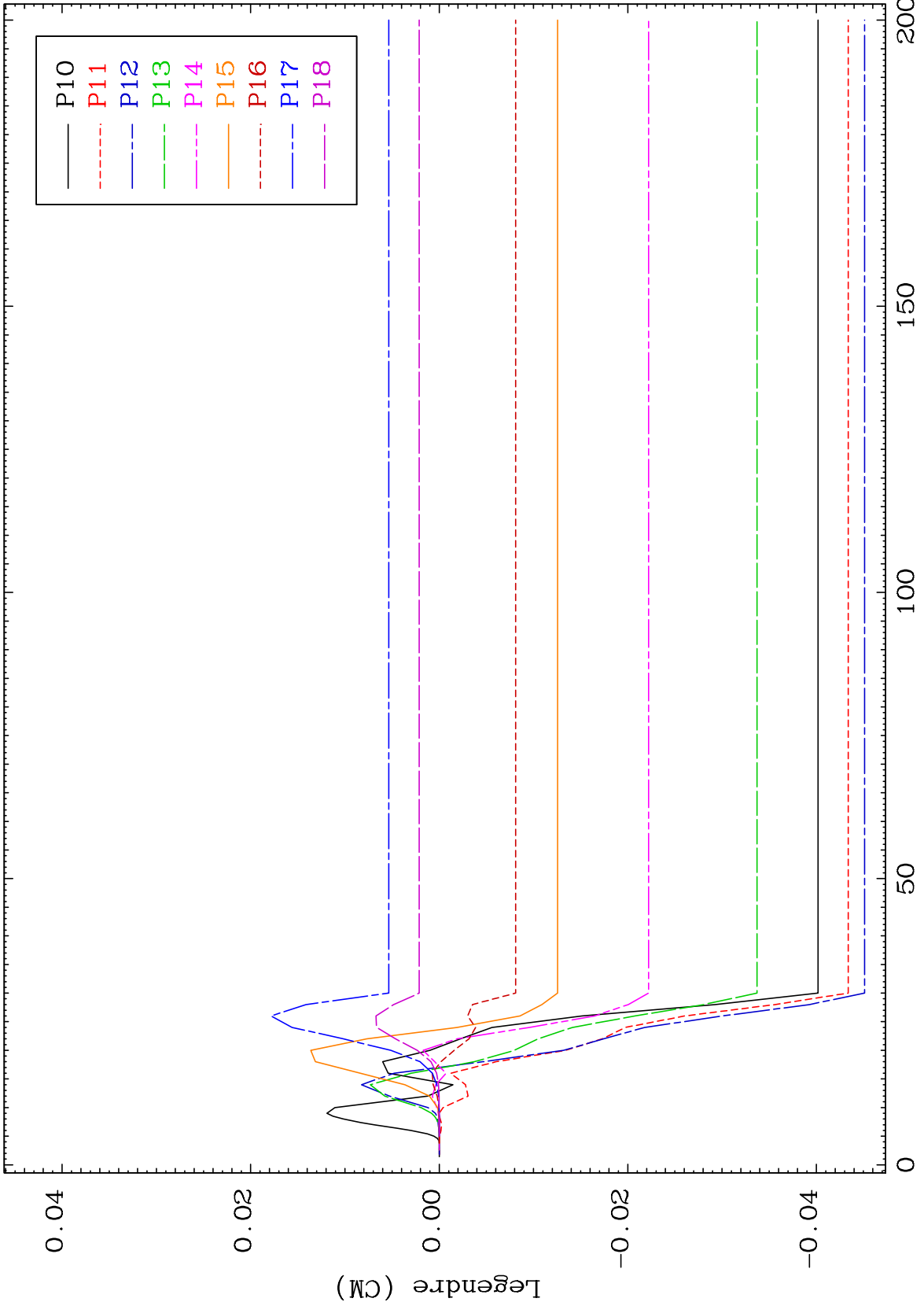
66-Dy-151

MAT 6610 MT= 58 (n,n') Level Legendre Coefficients 66-Dy-151



47 66-Dy-151

MAT 6610 MT= 58 (n,n') Level Legendre Coefficients 66-Dy-151

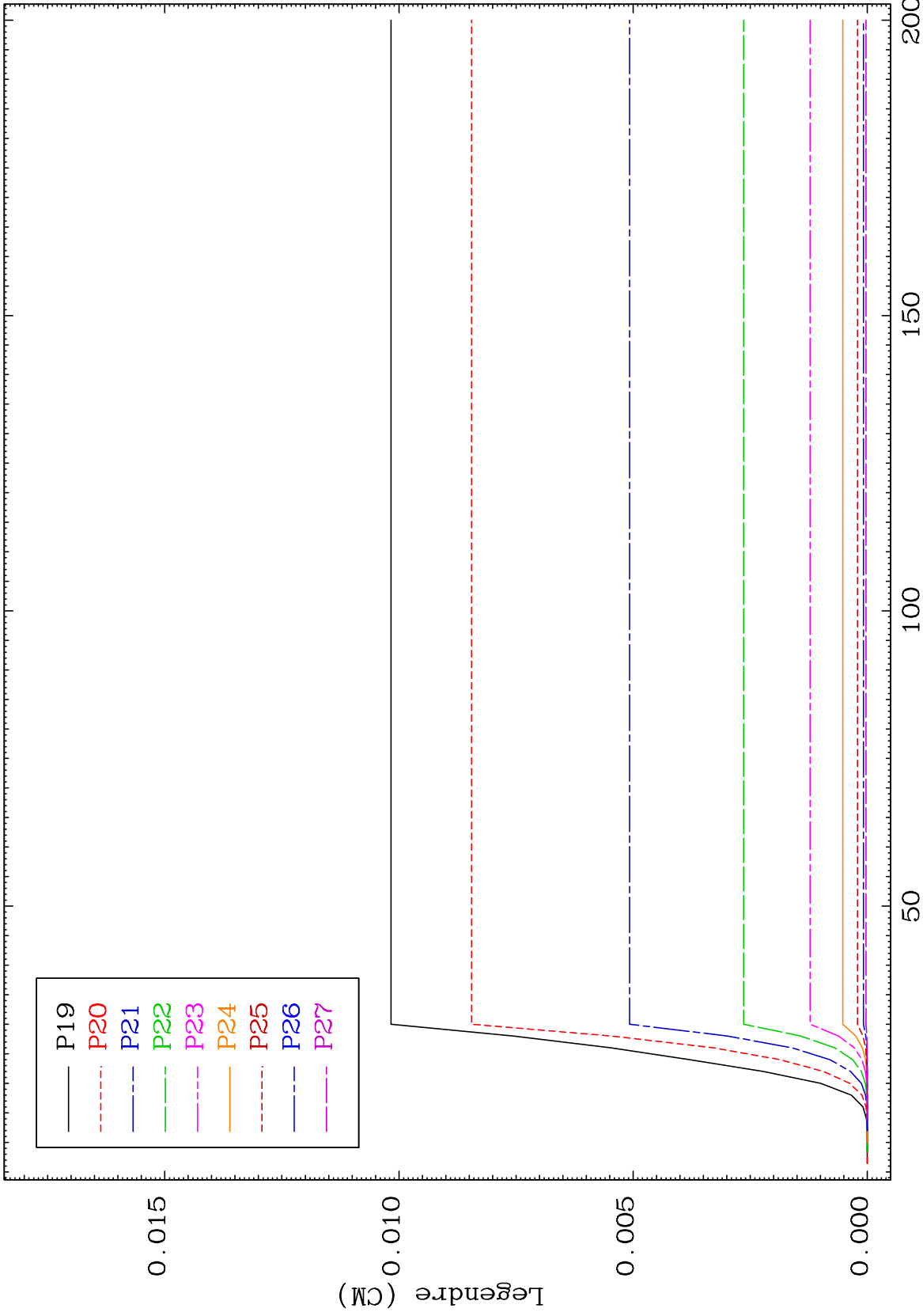


48 66-Dy-151

MAT 6610

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

66-Dy-151



49

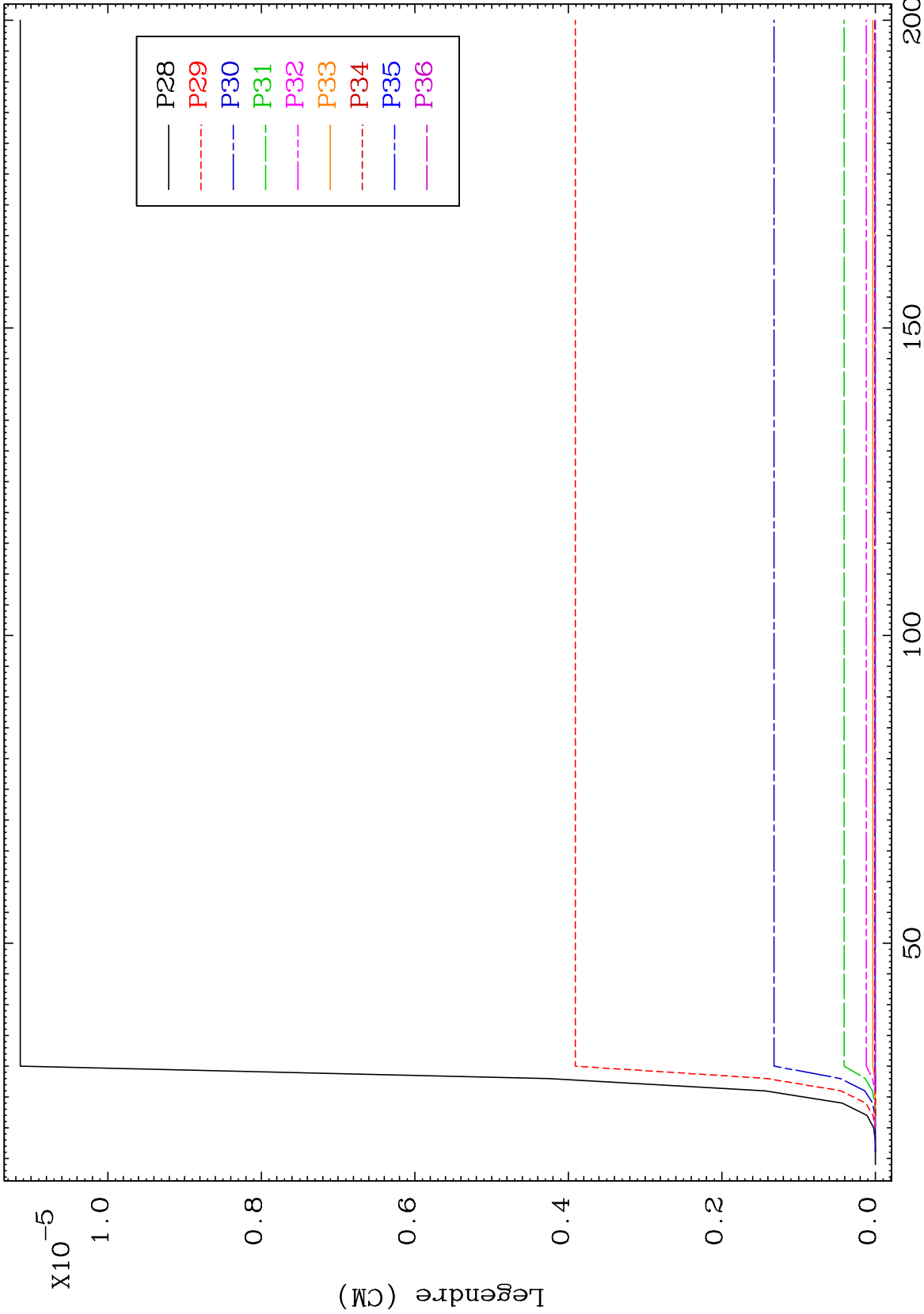
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



50

50

100

150

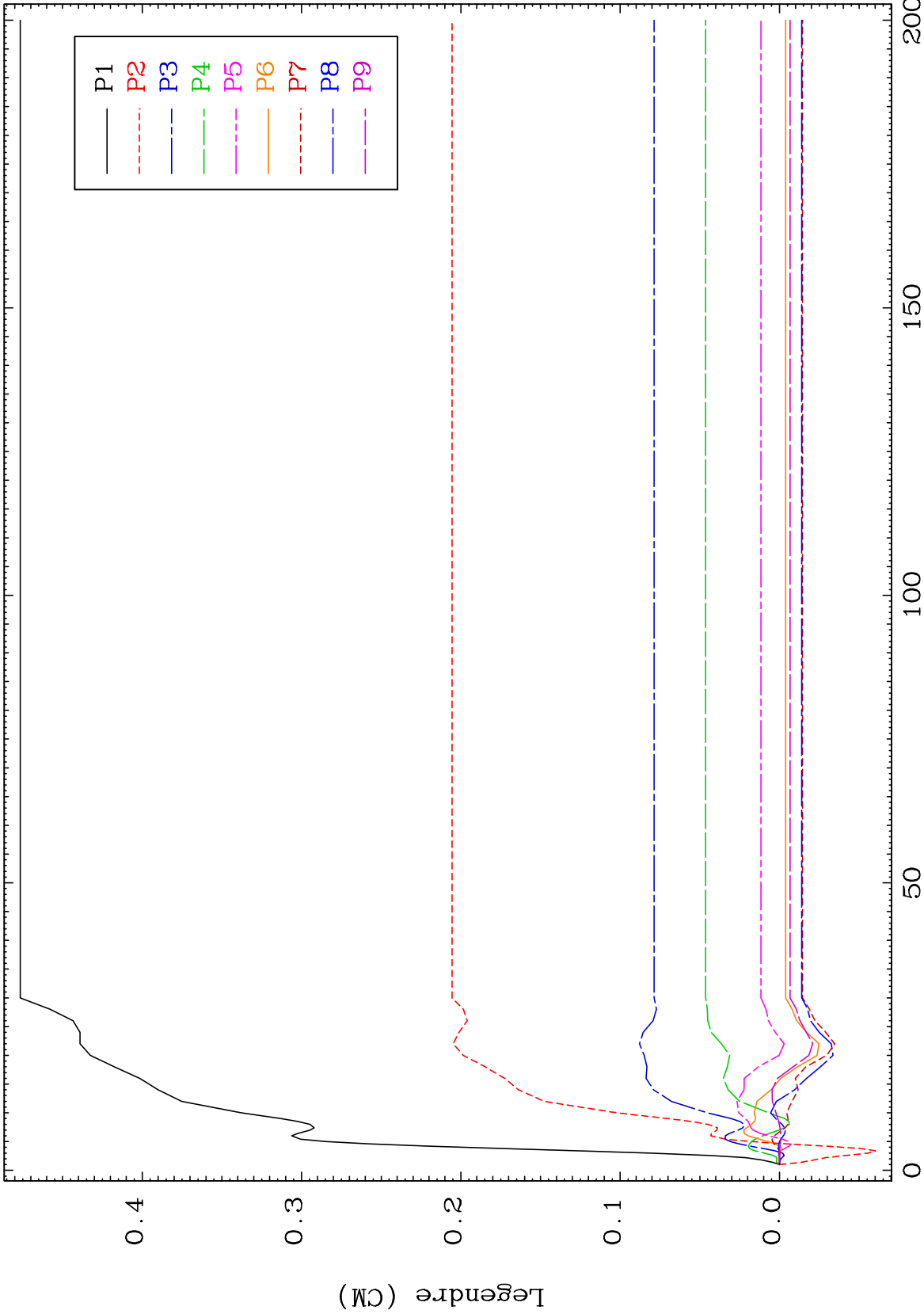
200

66-Dy-151

MAT 6610

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

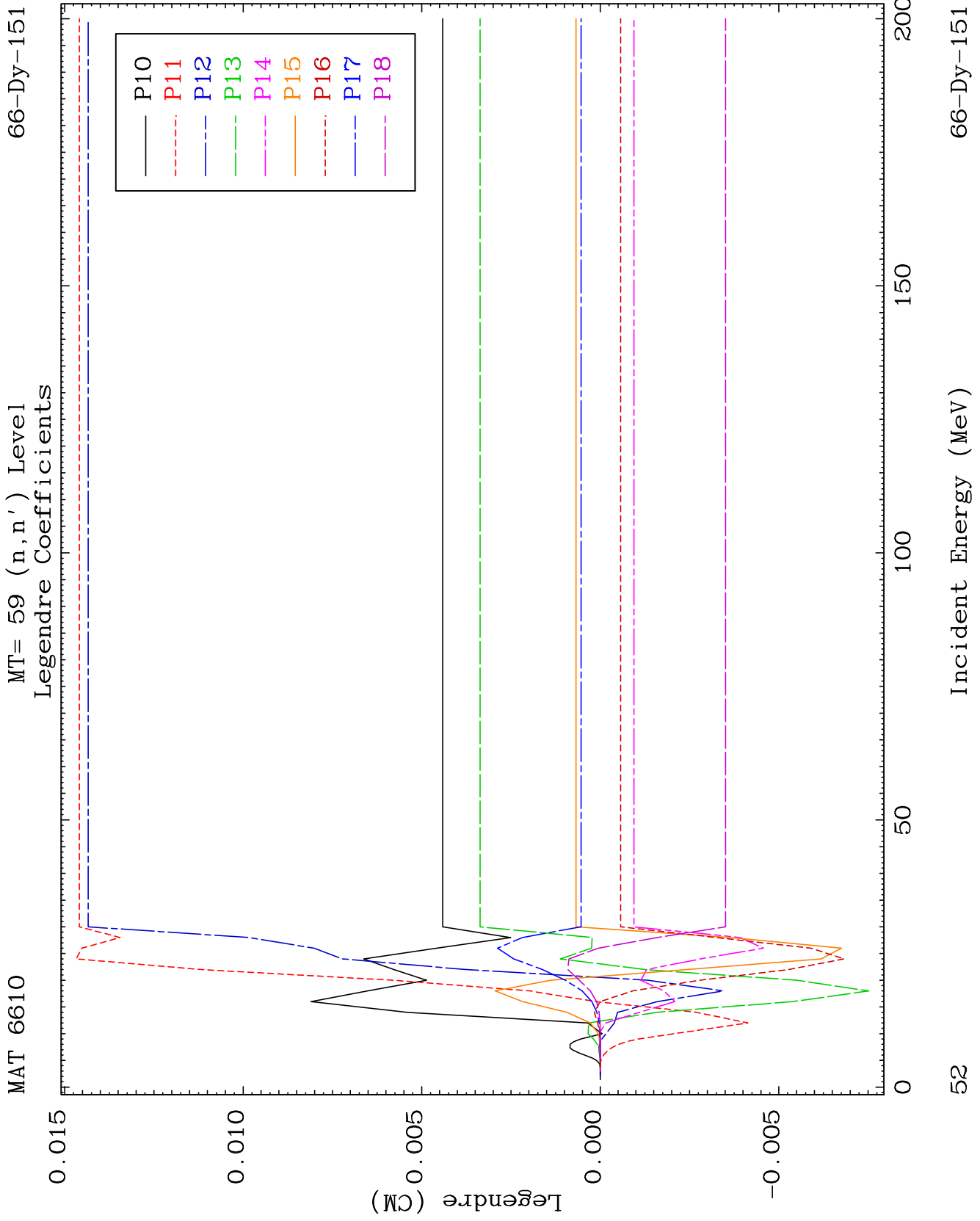
66-Dy-151



51

Incident Energy (MeV)

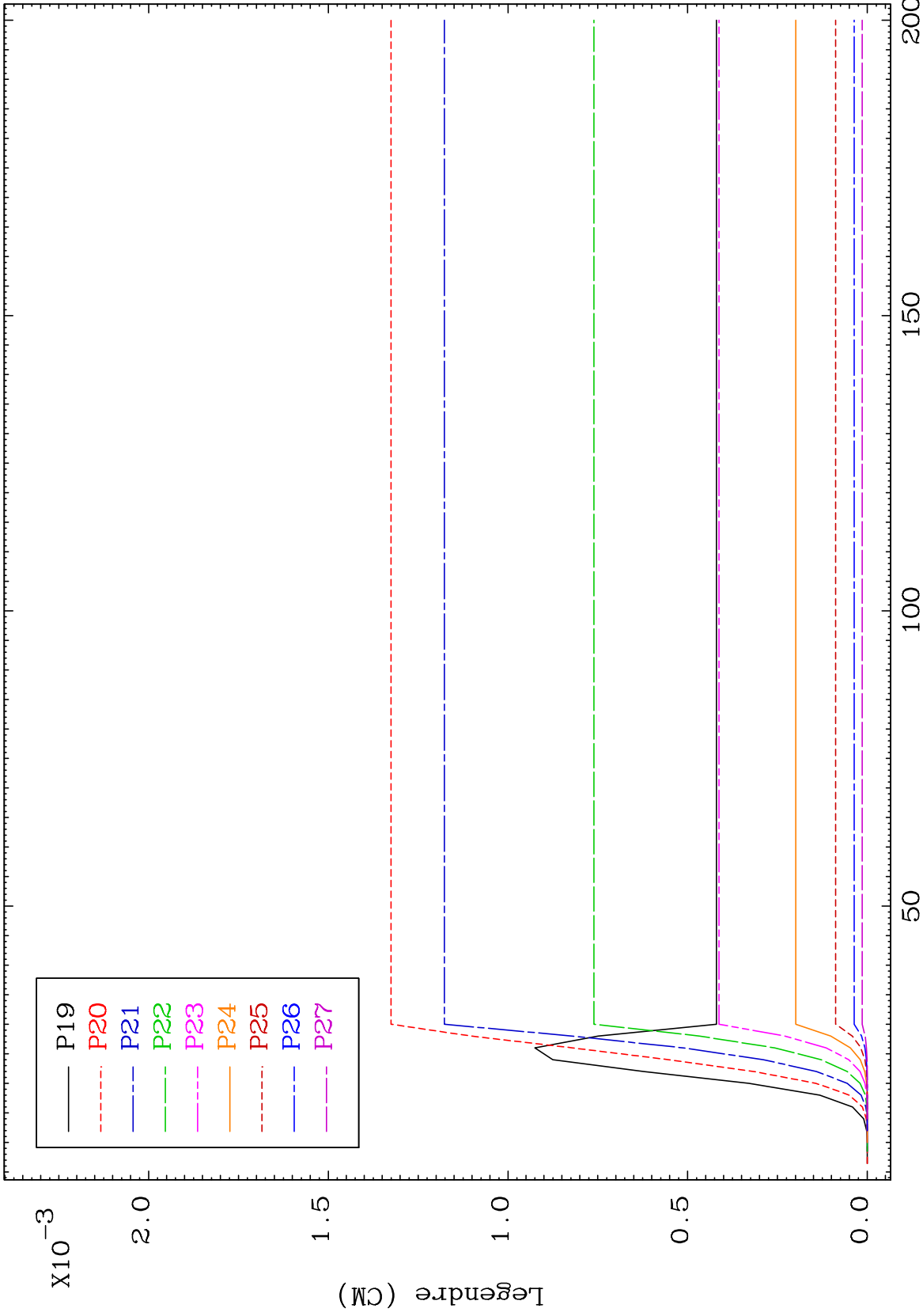
66-Dy-151



MAT 6610

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

66-Dy-151



53

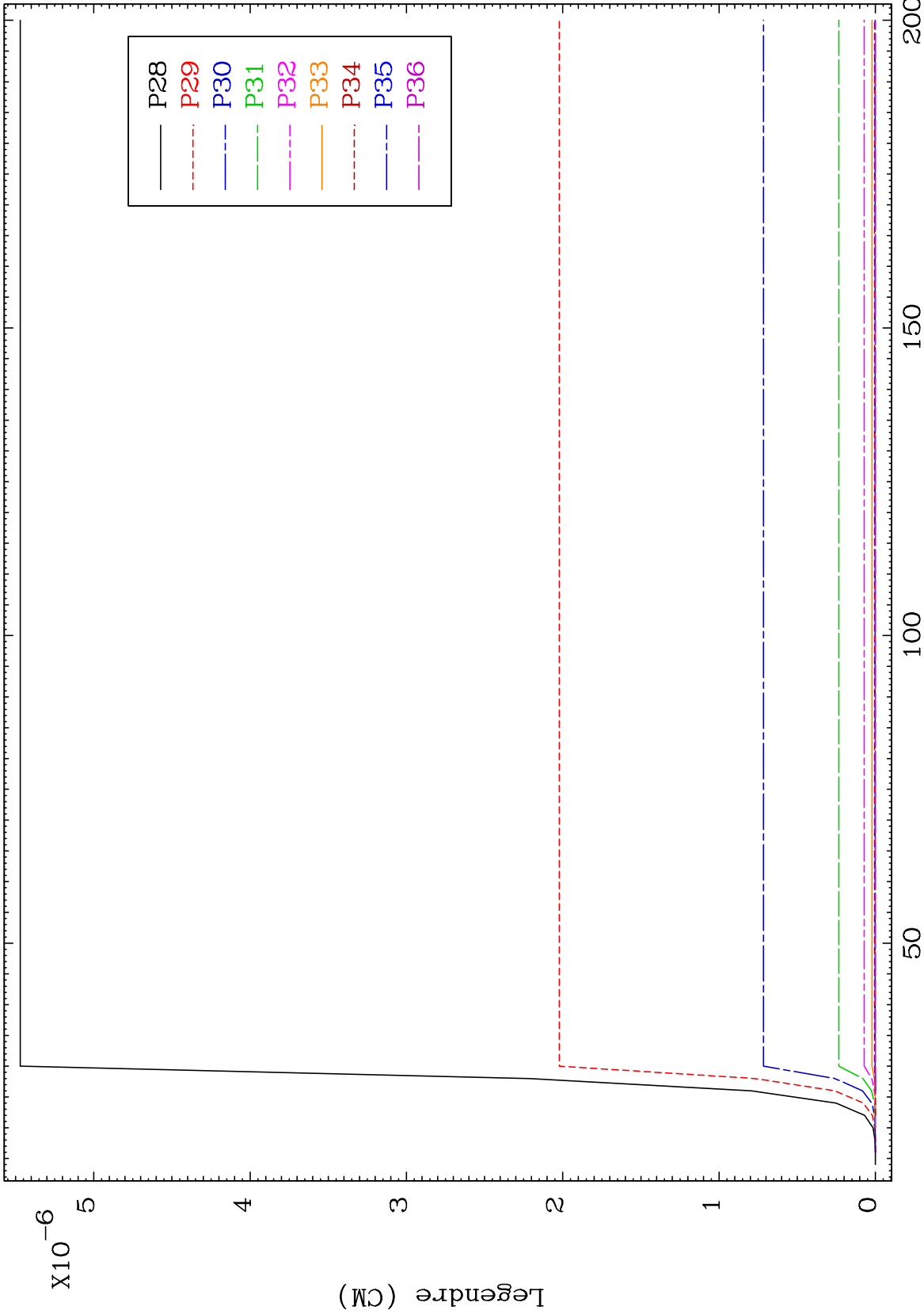
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151

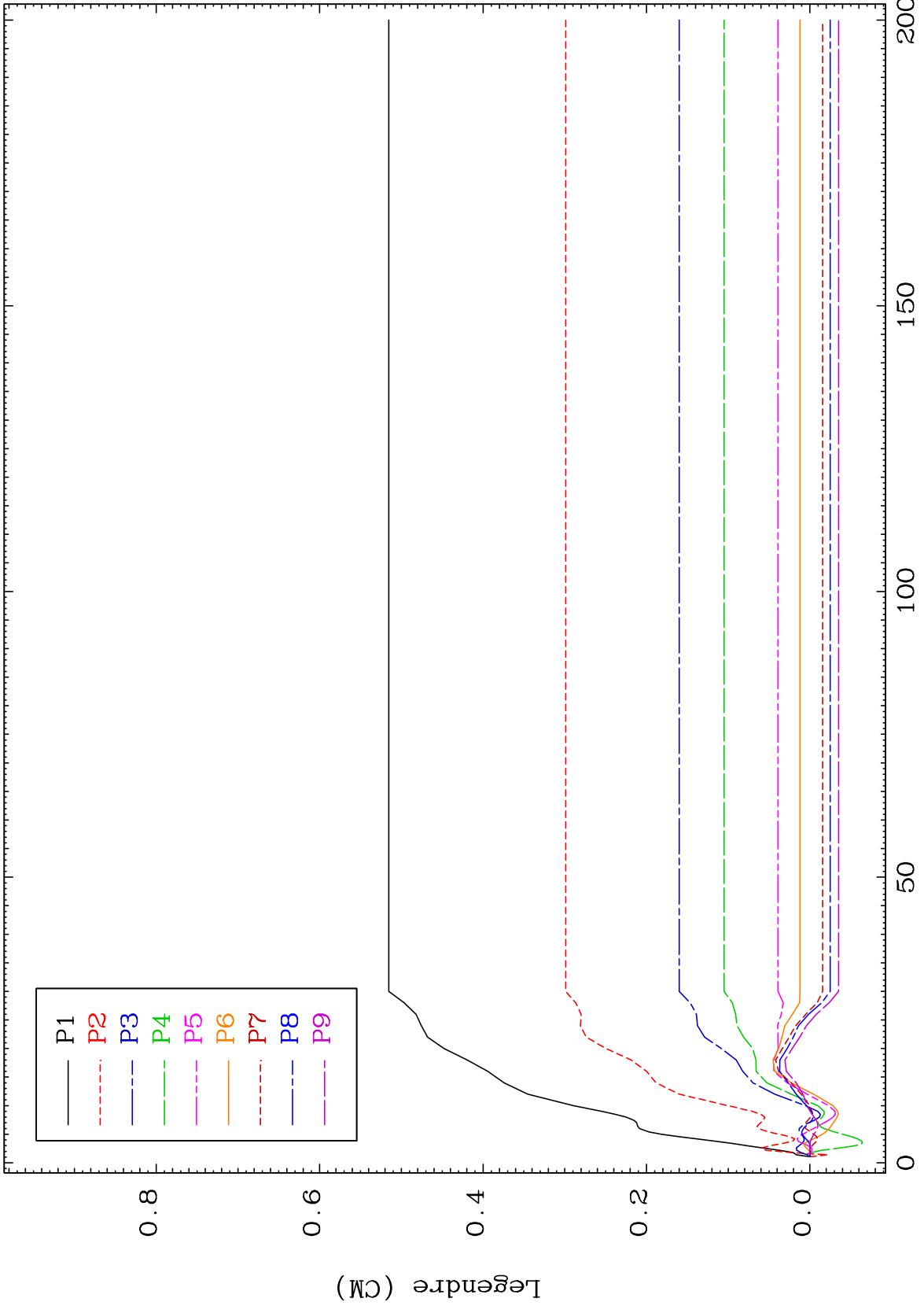


54

Incident Energy (MeV)

66-Dy-151

MAT 6610 MT= 60 (n,n') Level Legendre Coefficients 66-Dy-151

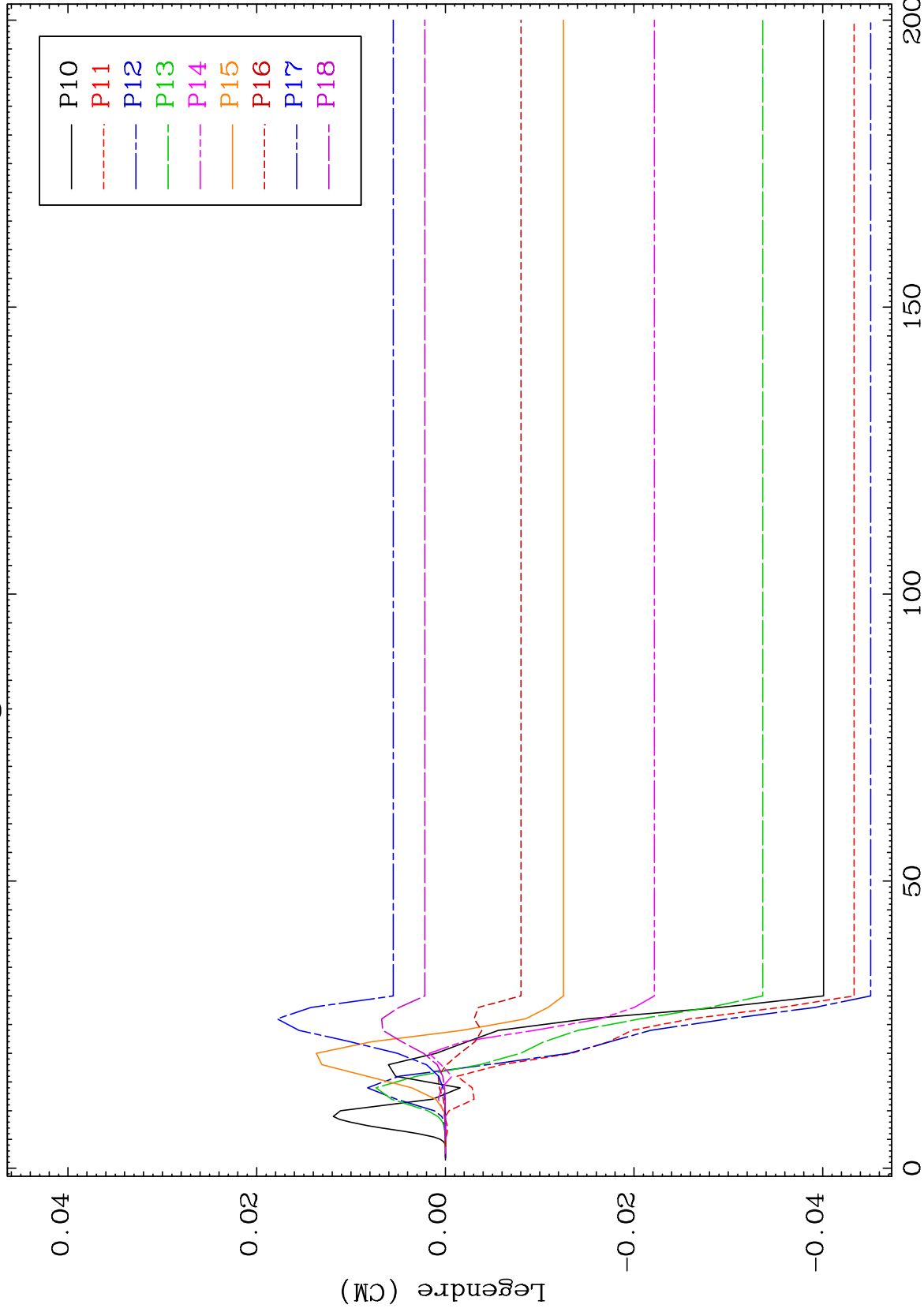


55 Incident Energy (MeV) 66-Dy-151

MAT 6610

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

66-Dy-151



56

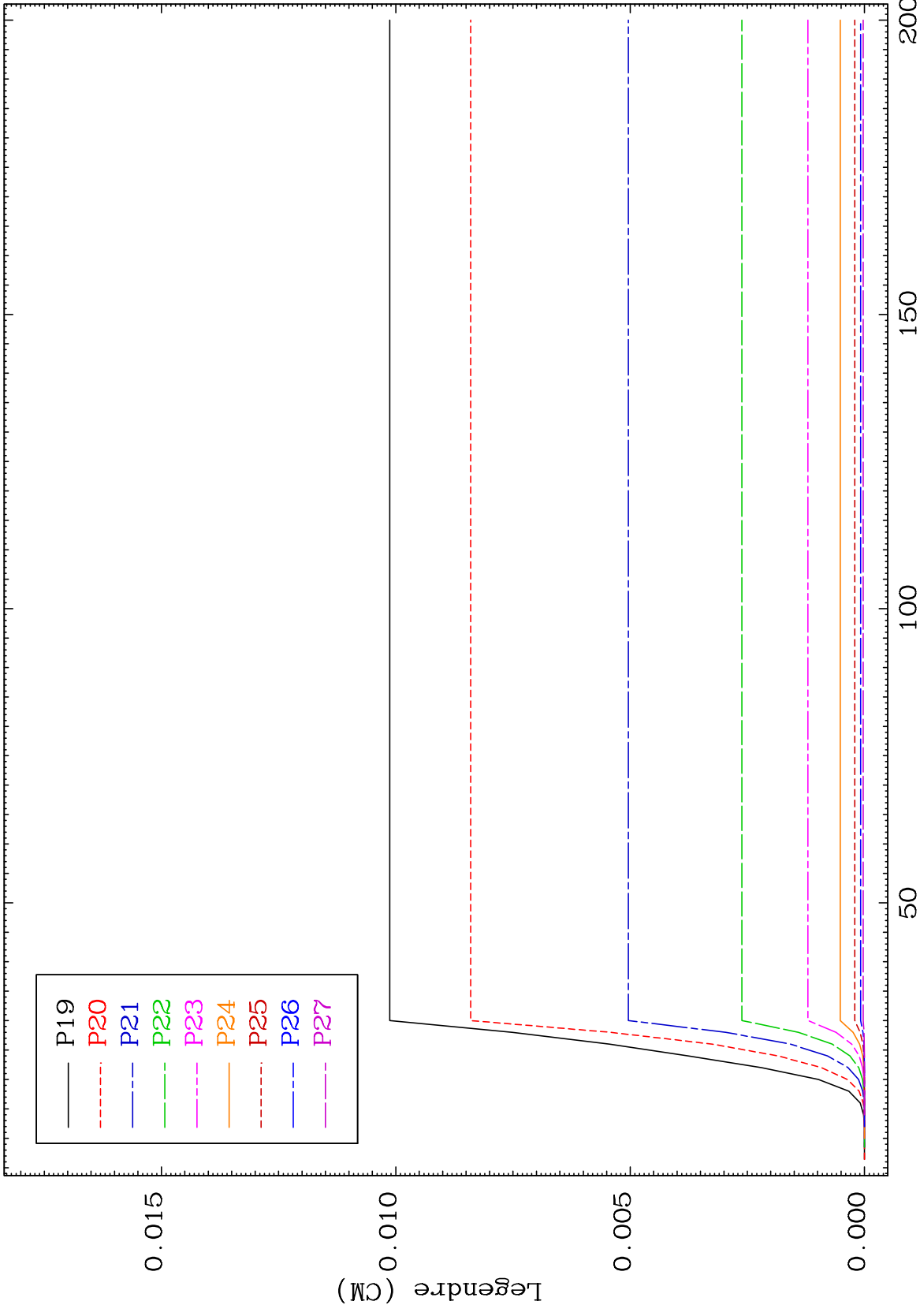
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



57

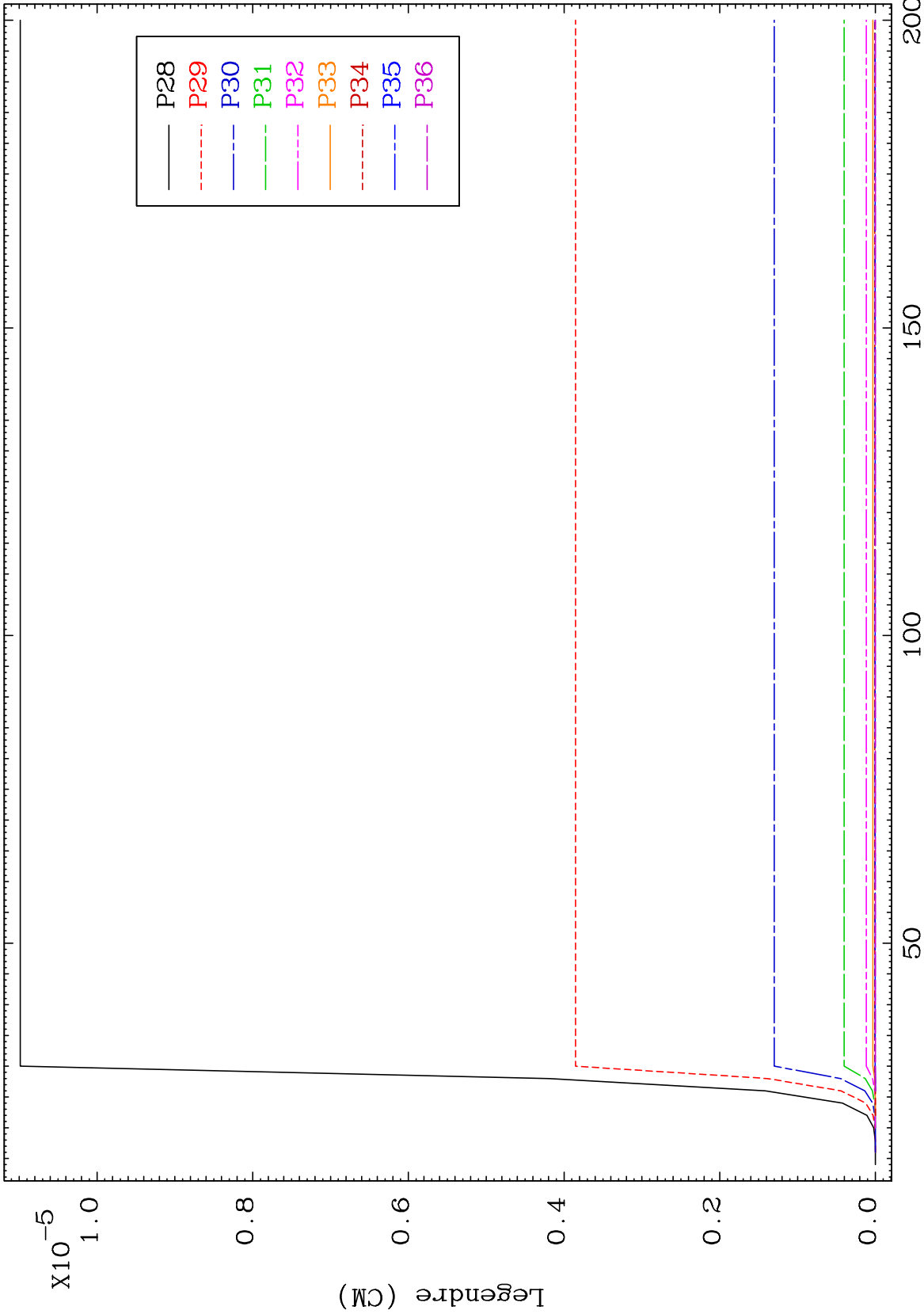
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151

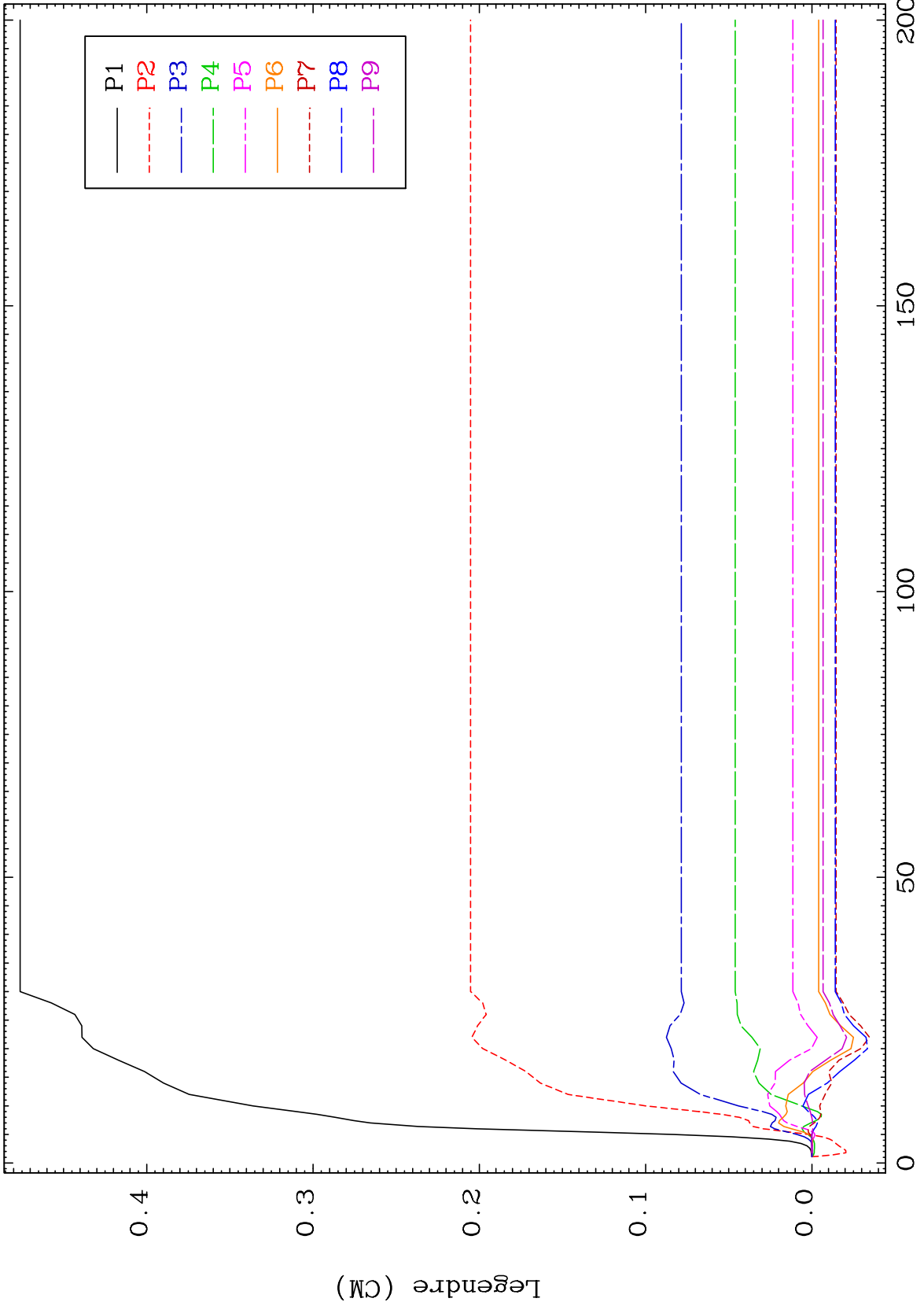


58

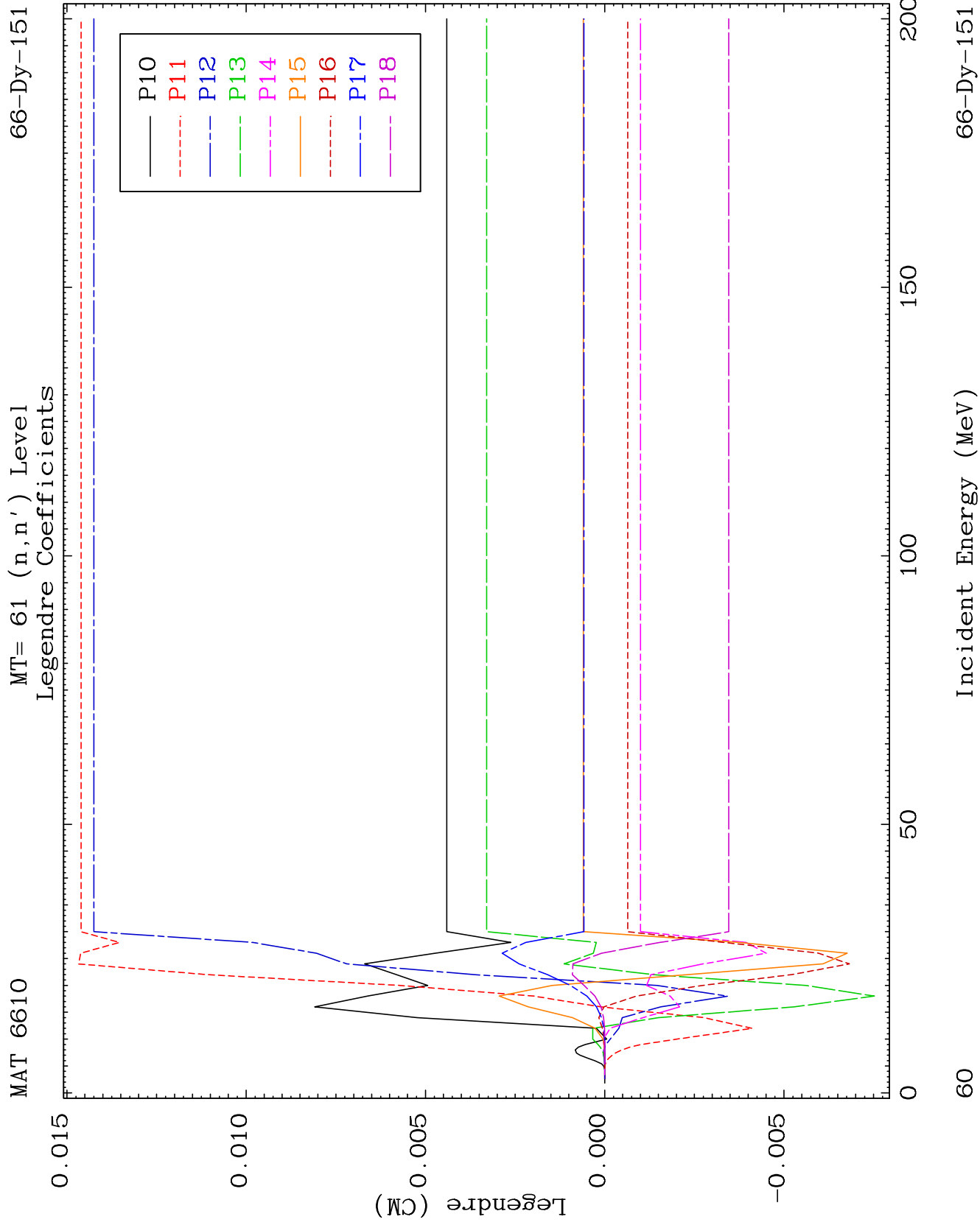
Incident Energy (MeV)

66-Dy-151

MAT 6610 MT= 61 (n,n') Level Legendre Coefficients 66-Dy-151



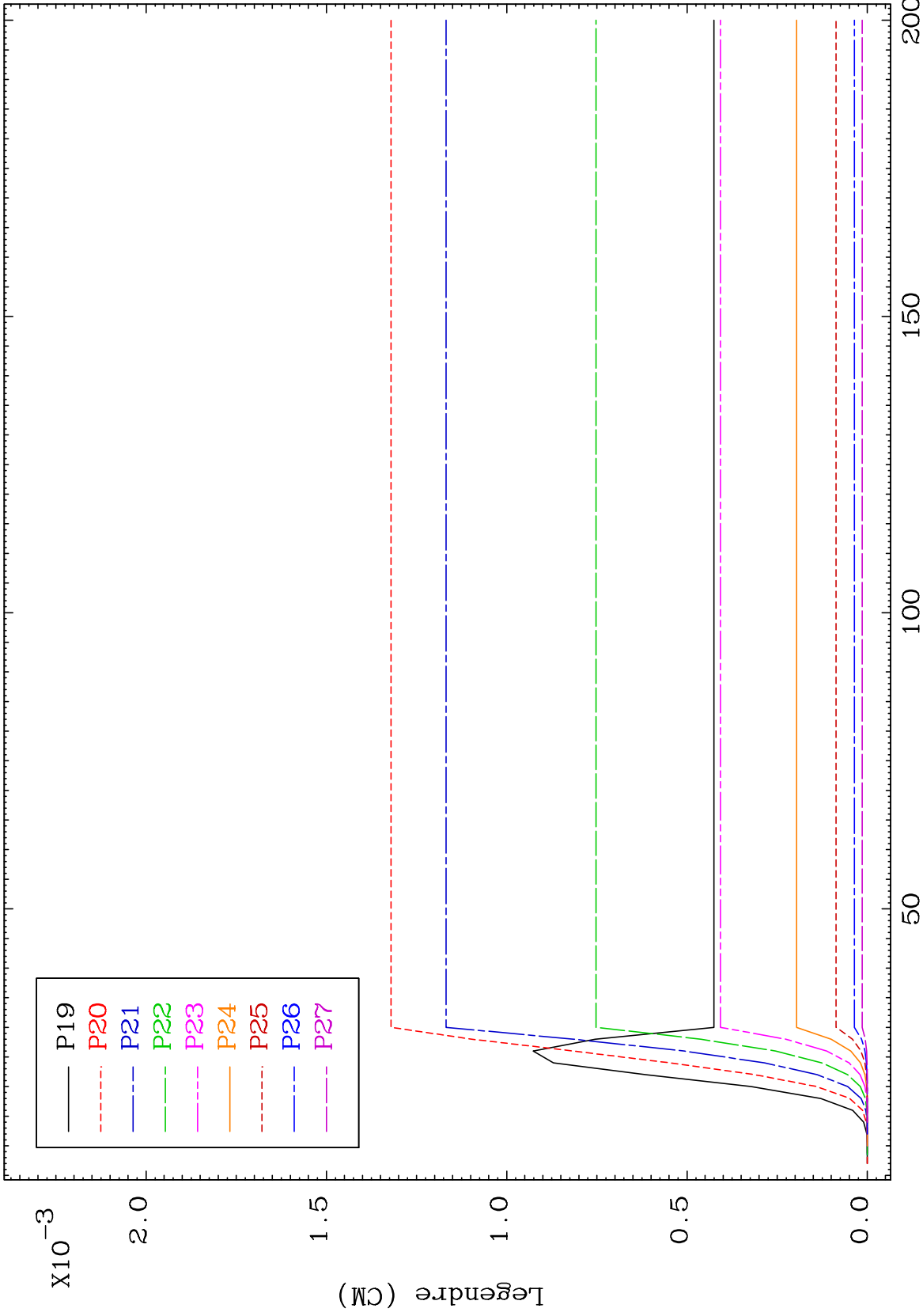
59 Incident Energy (MeV) 66-Dy-151



MAT 6610

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

66-Dy-151



61

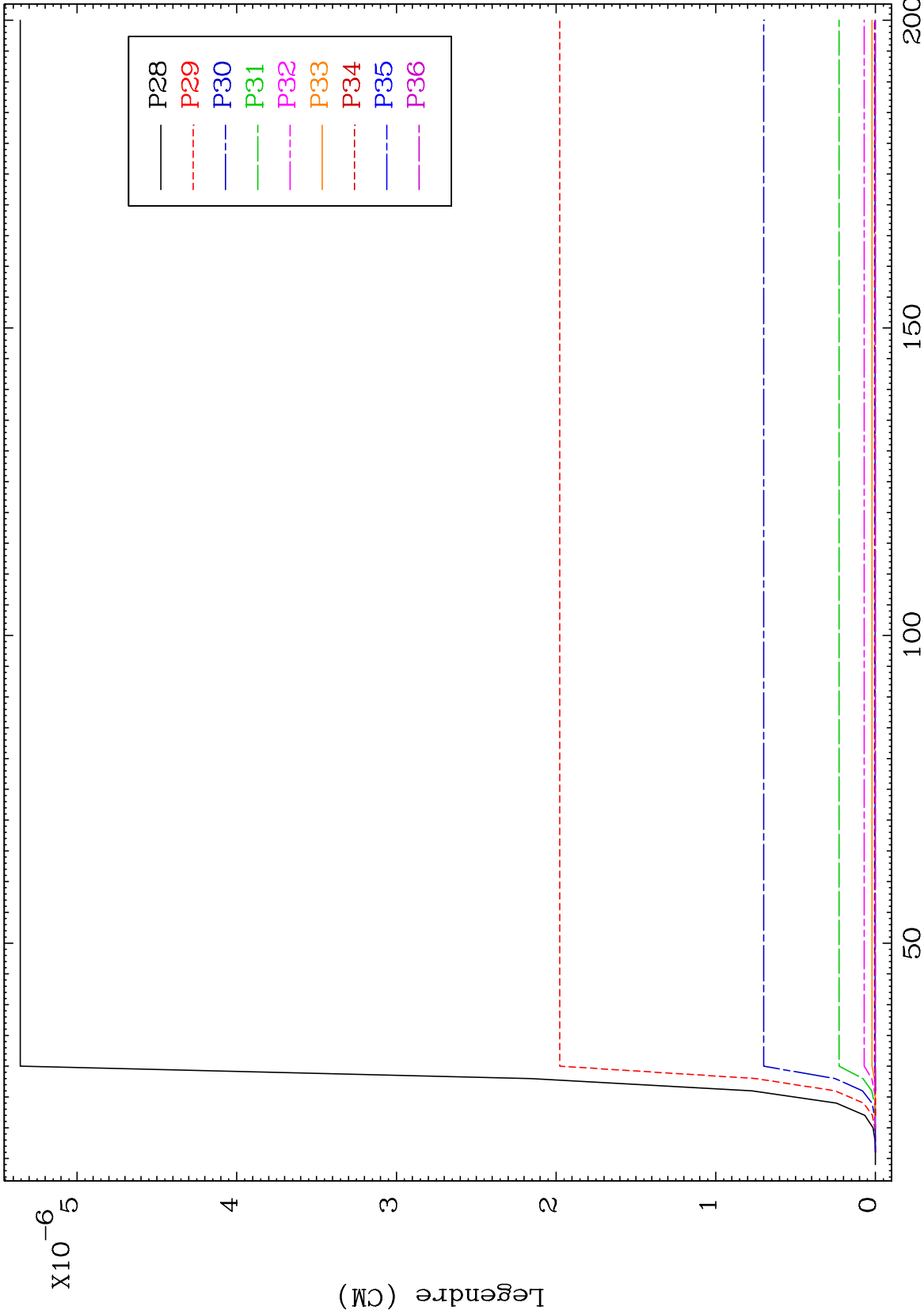
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151

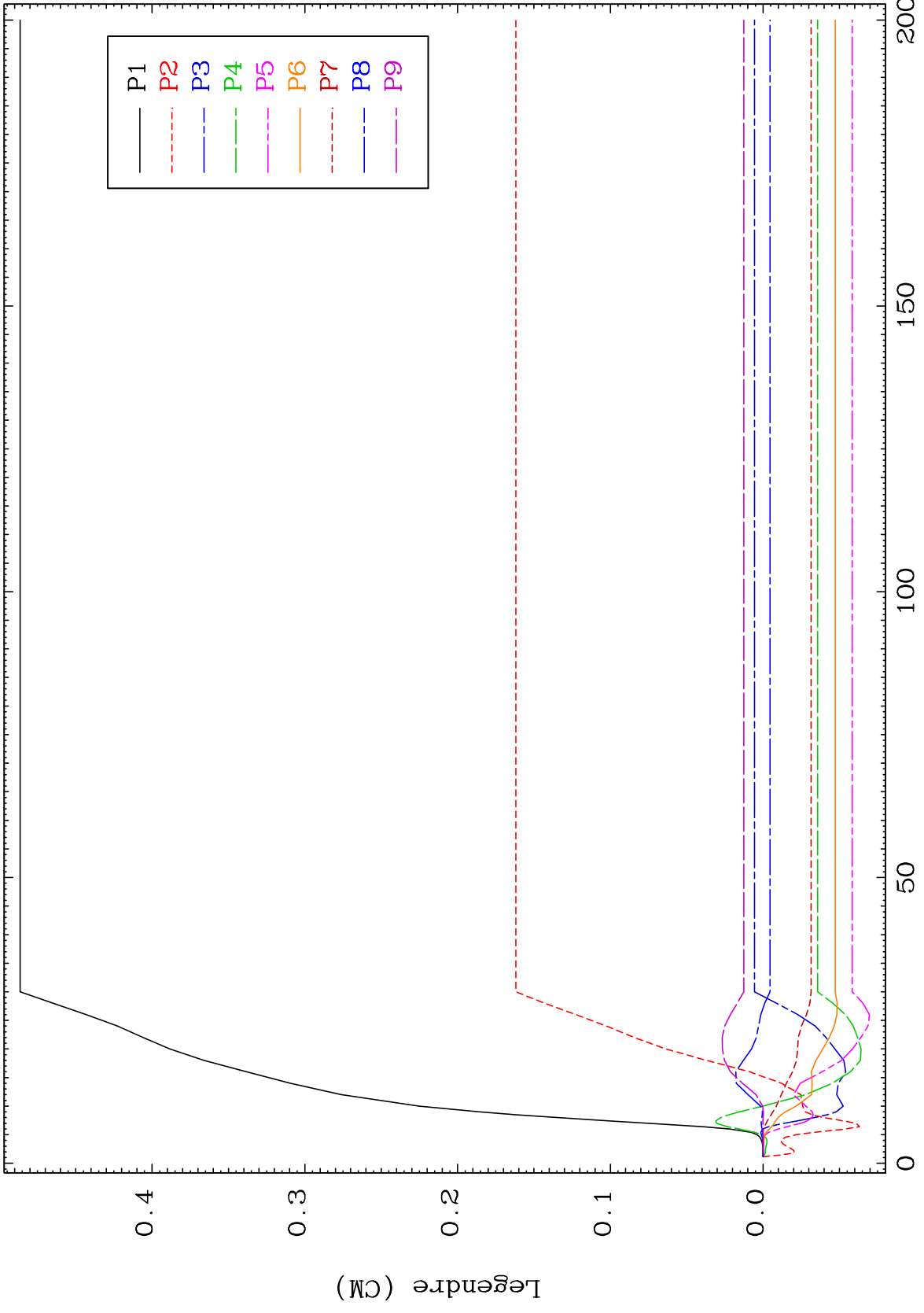


62

Incident Energy (MeV)

66-Dy-151

MAT 6610 MT= 62 (n,n') Level Legendre Coefficients 66-Dy-151



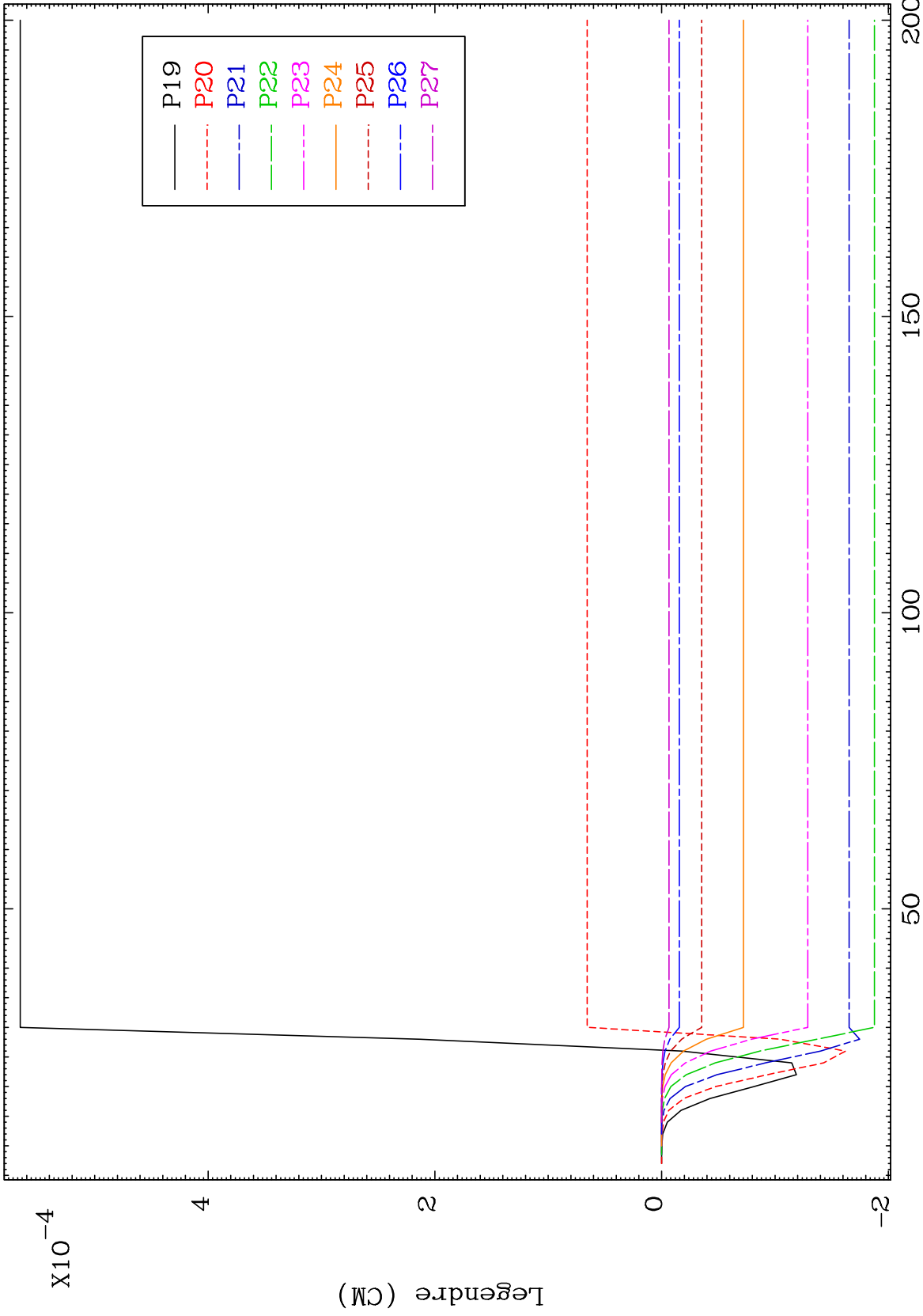
66-Dy-151 63



MAT 6610

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

66-Dy-151



65

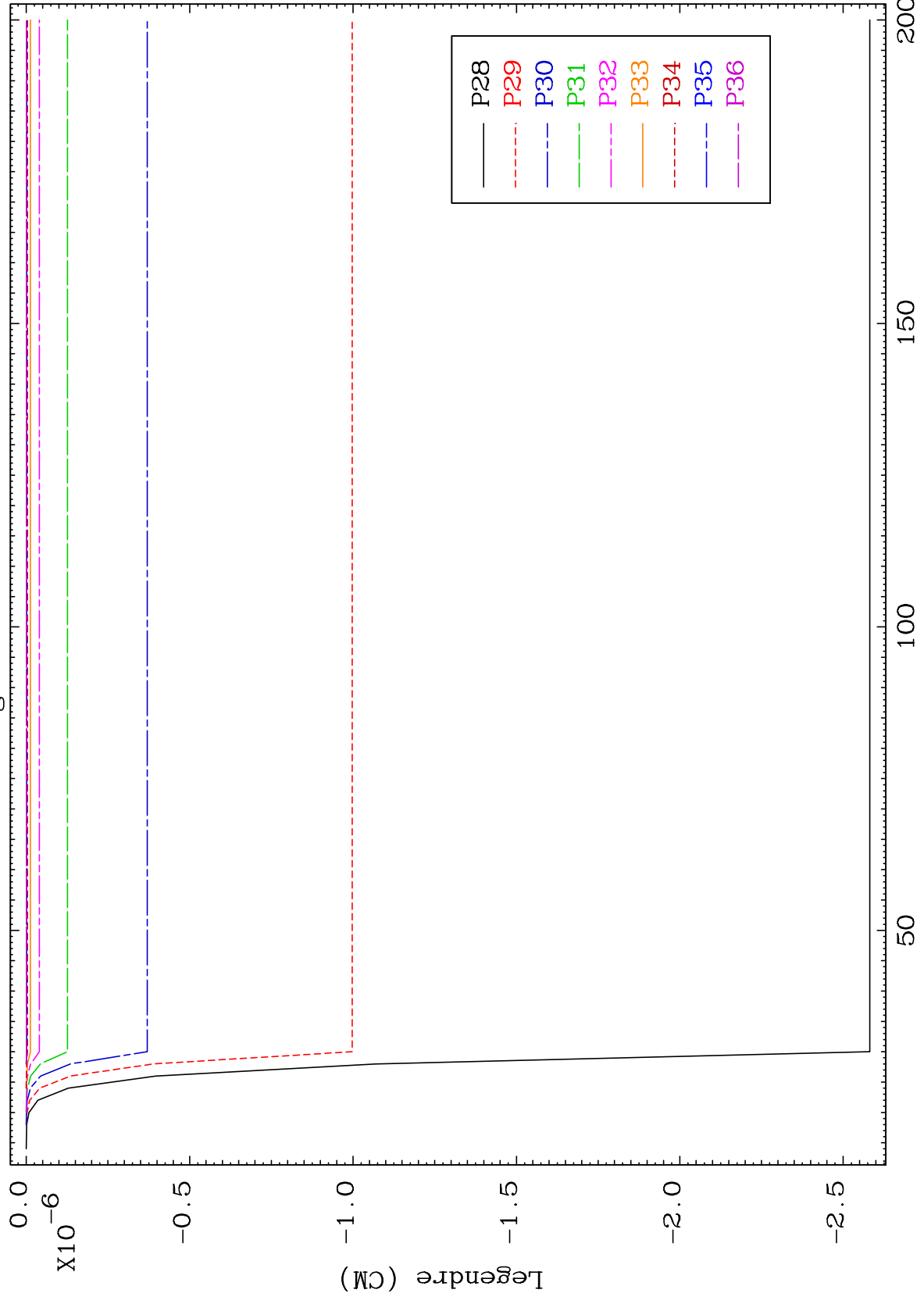
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



66-Dy-151

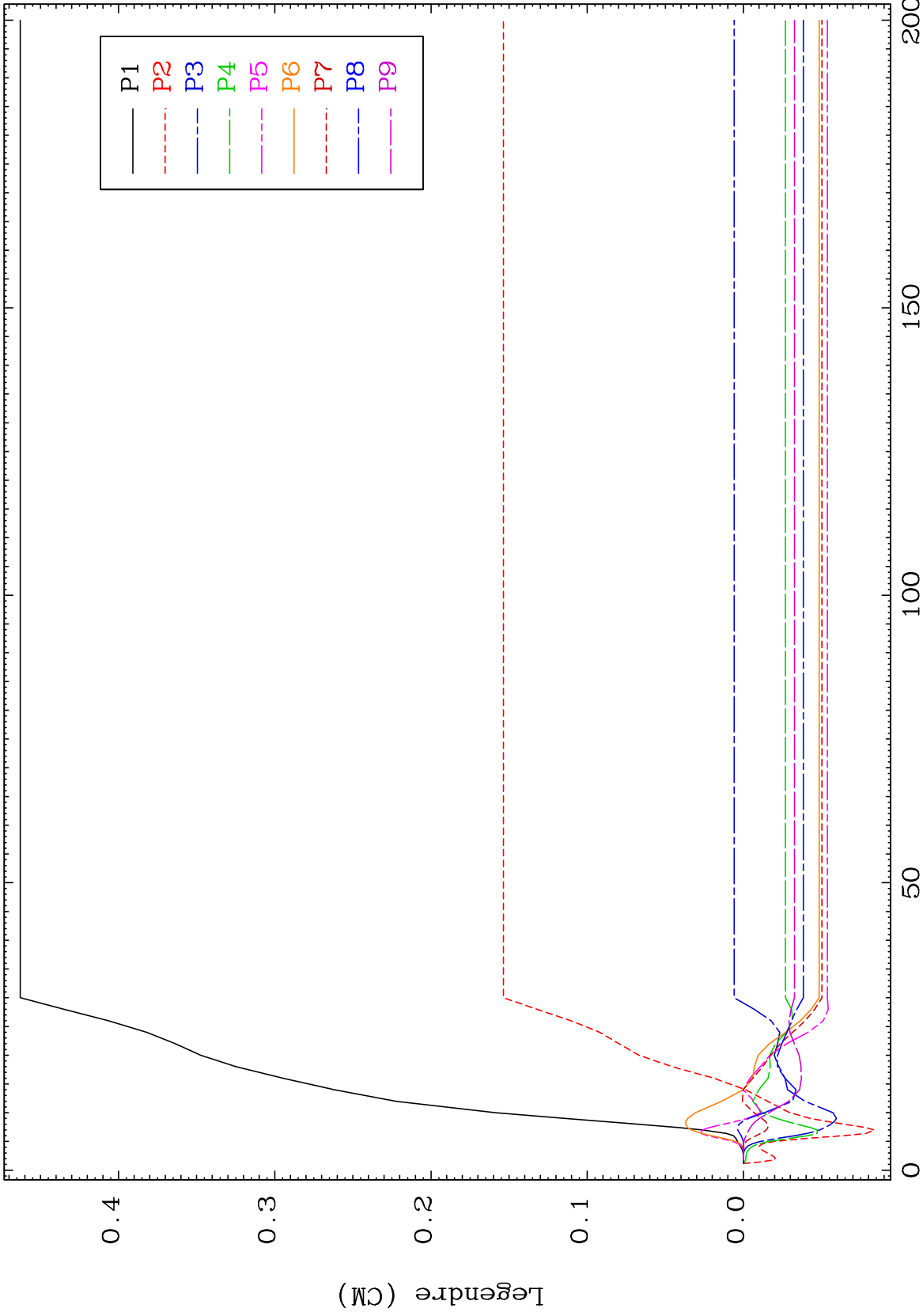
Incident Energy (MeV)

66

MAT 6610

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

66-Dy-151



67

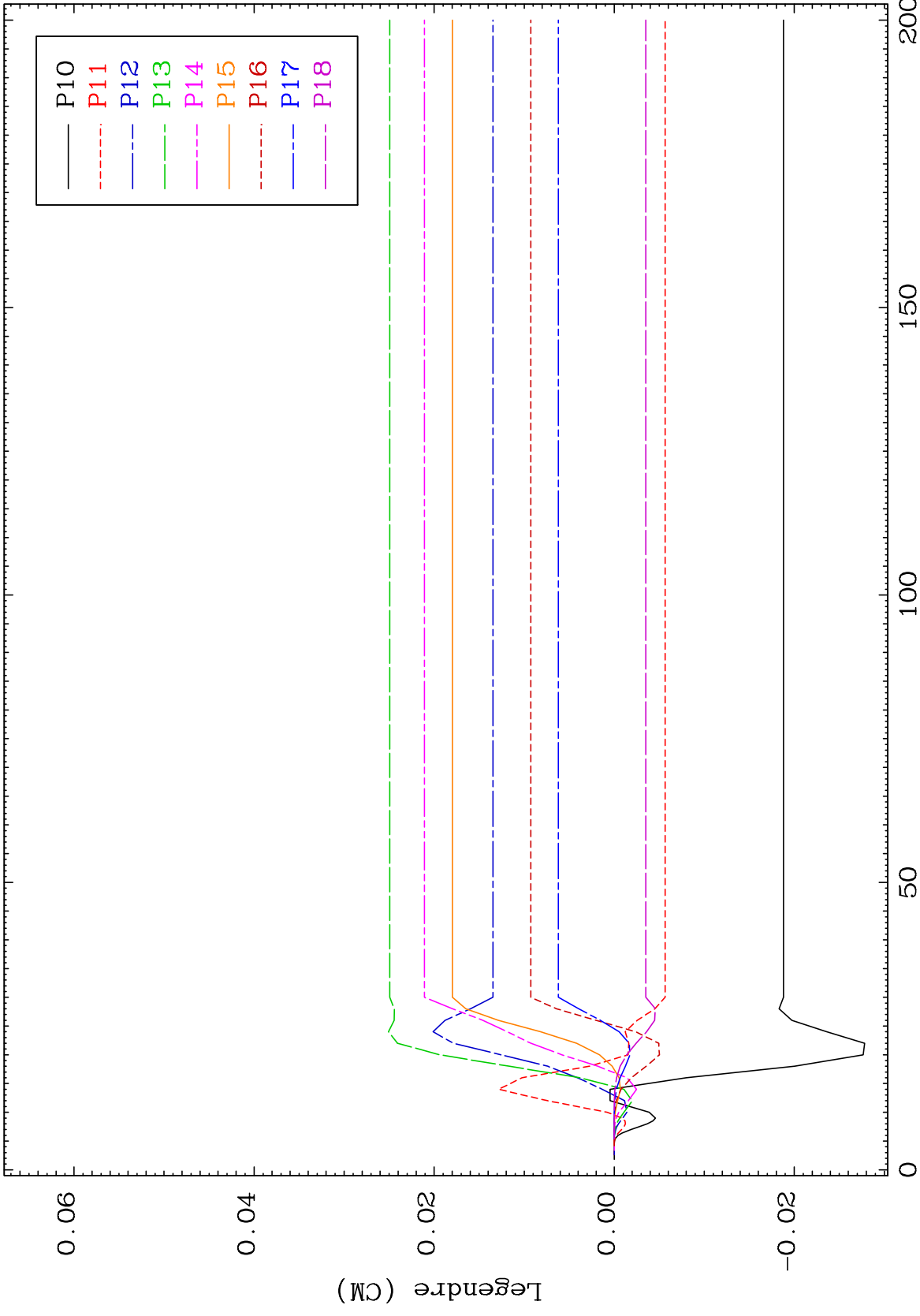
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



68

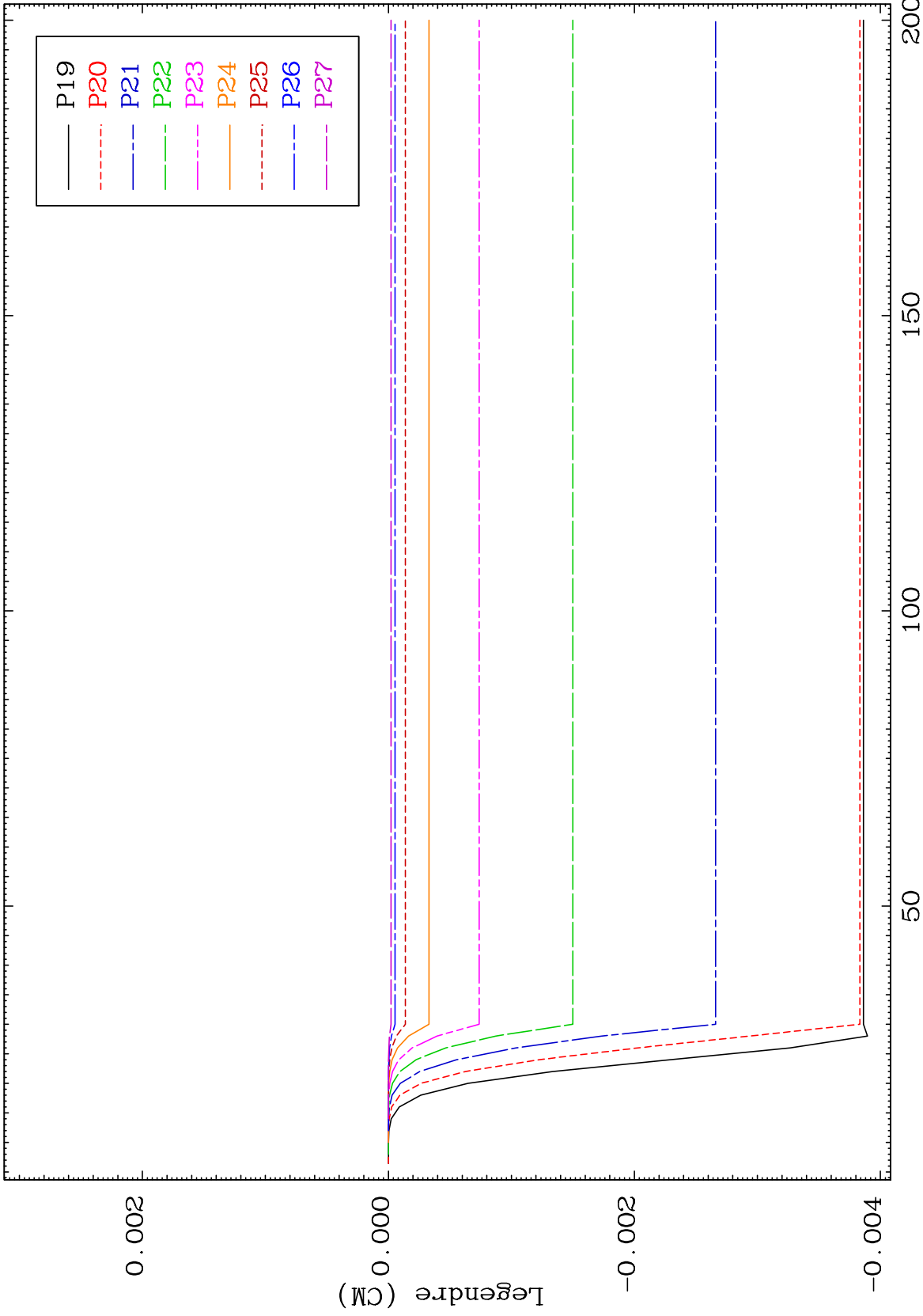
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

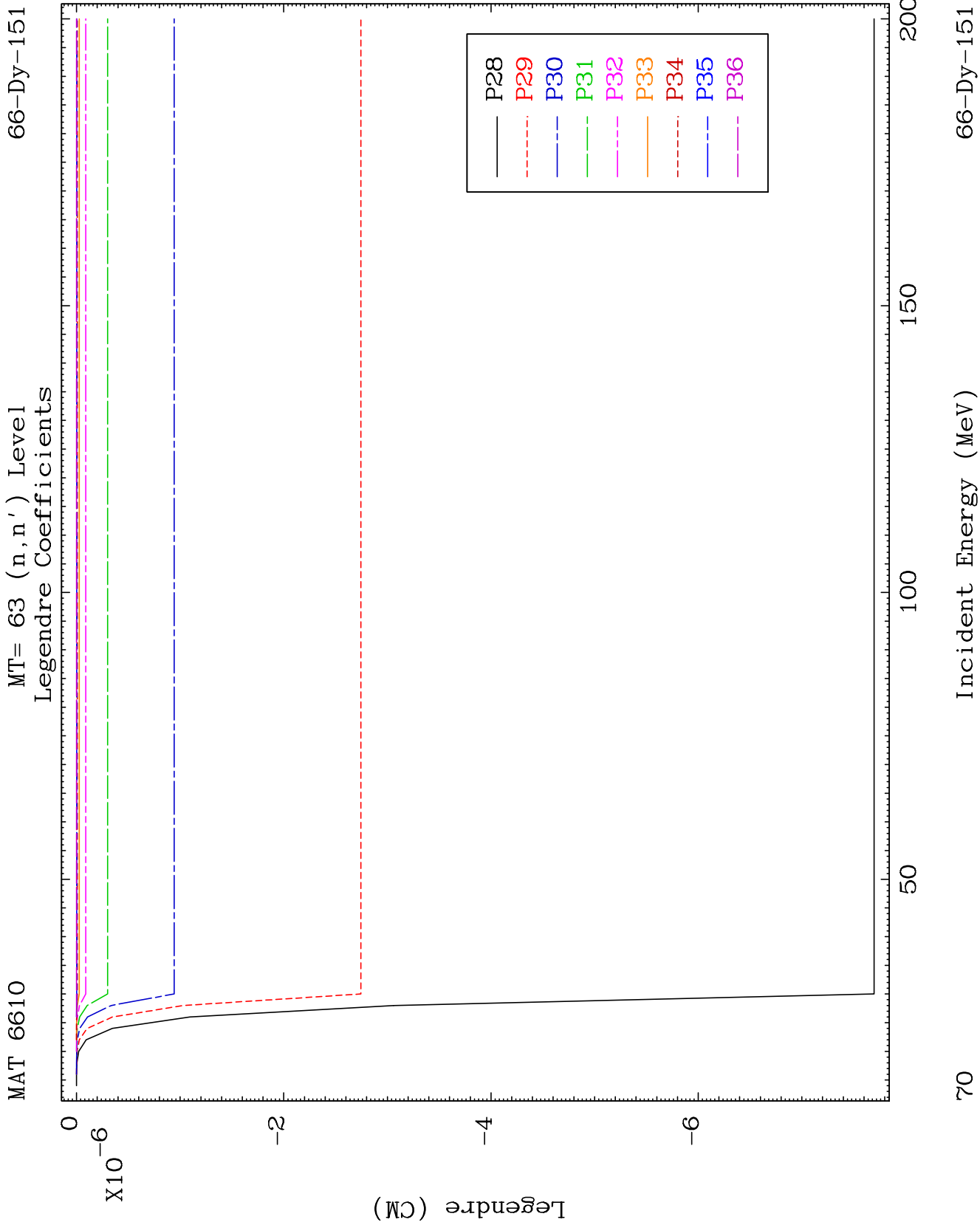
66-Dy-151



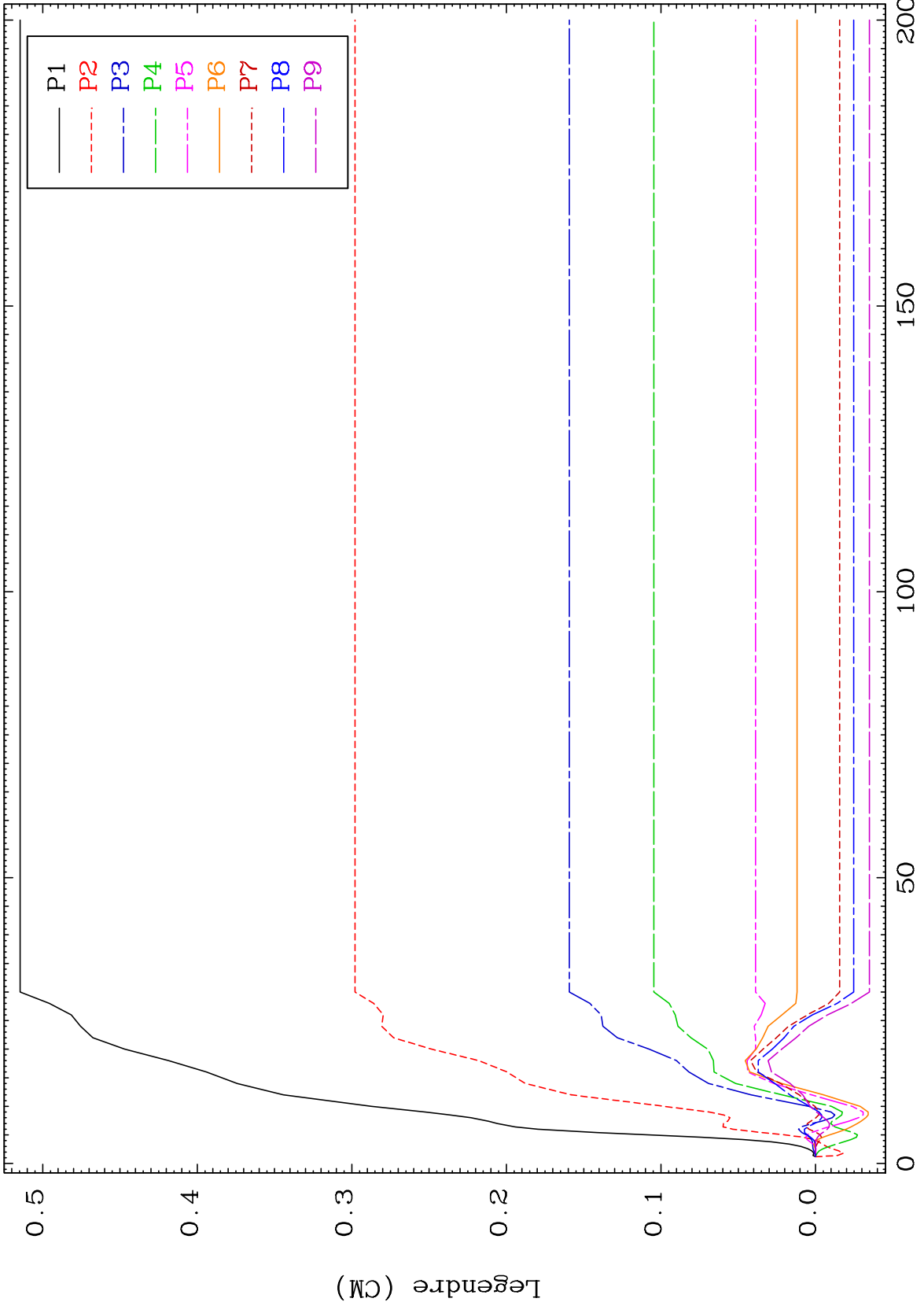
69

Incident Energy (MeV)

66-Dy-151



MAT 6610 MT= 64 (n,n') Level Legendre Coefficients 66-Dy-151

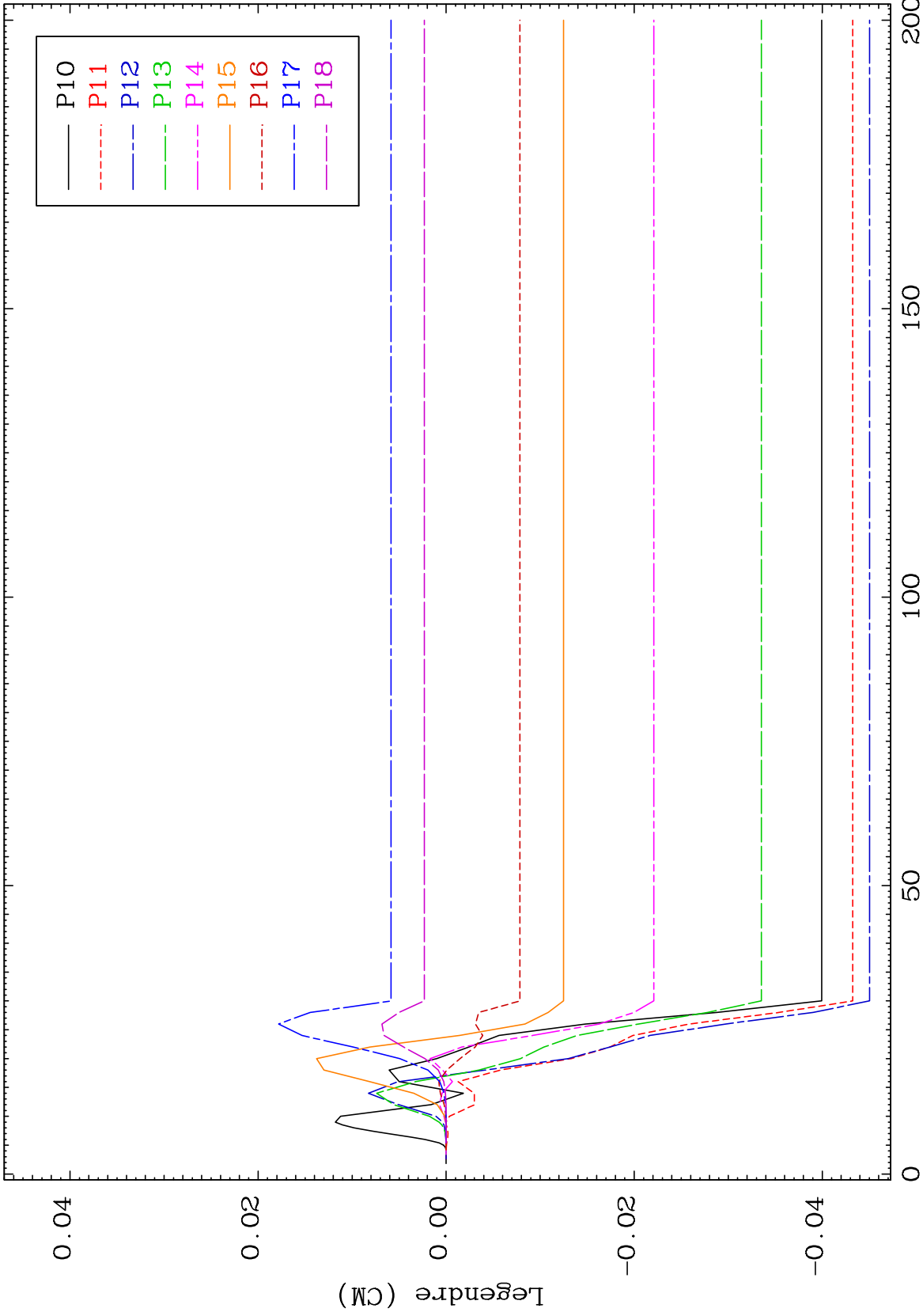


71 66-Dy-151

MAT 6610

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

66-Dy-151



72

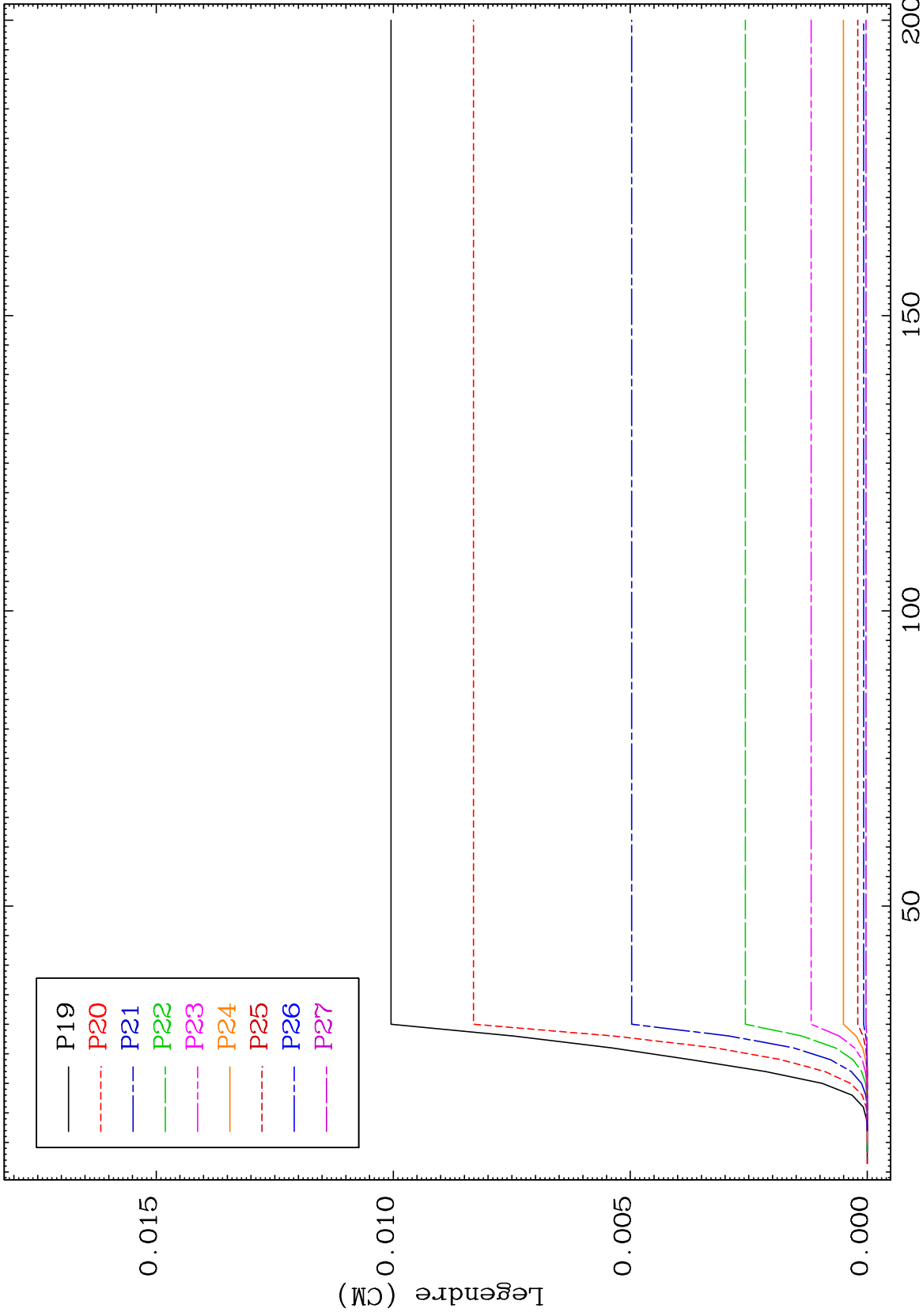
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



73

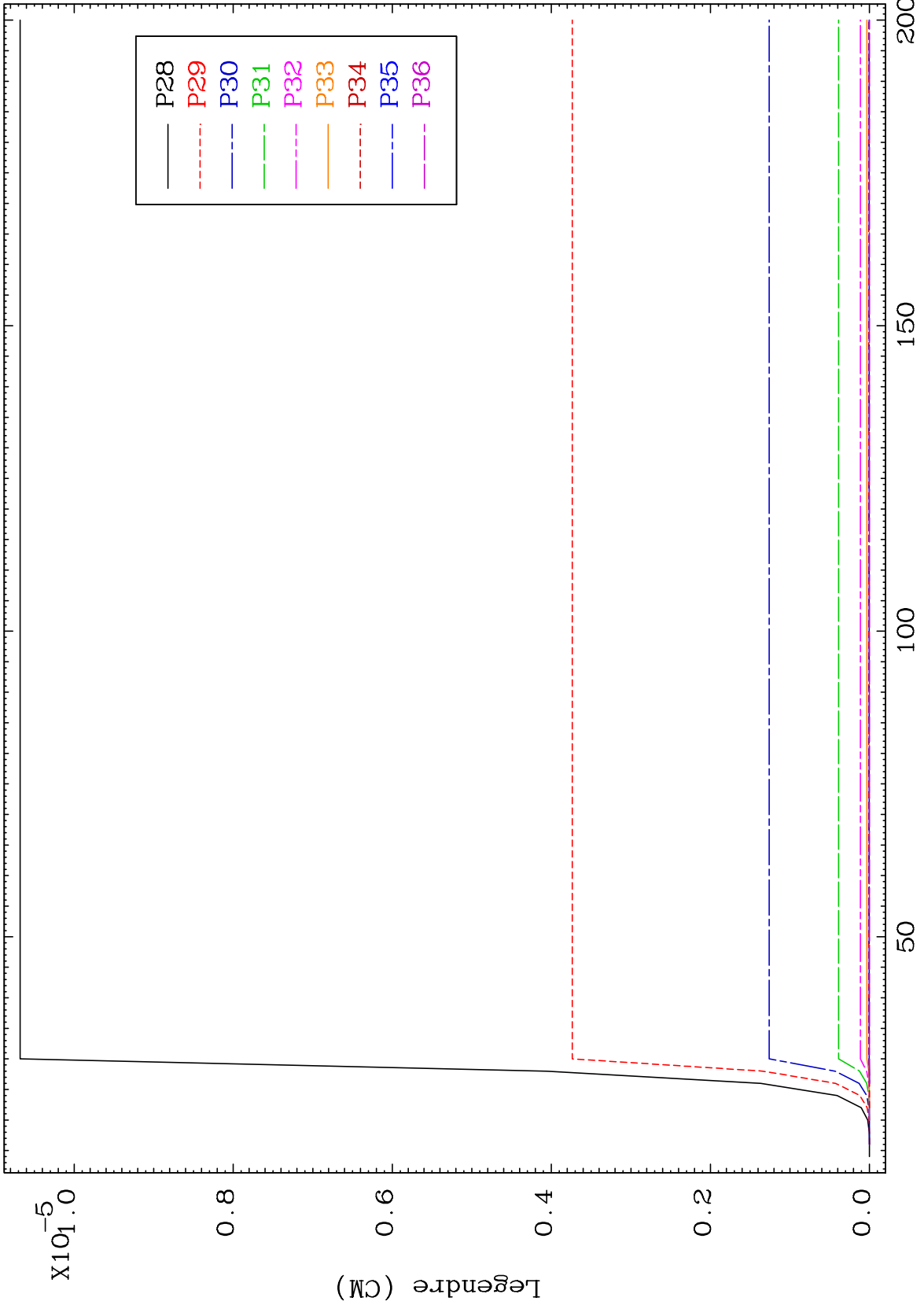
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151

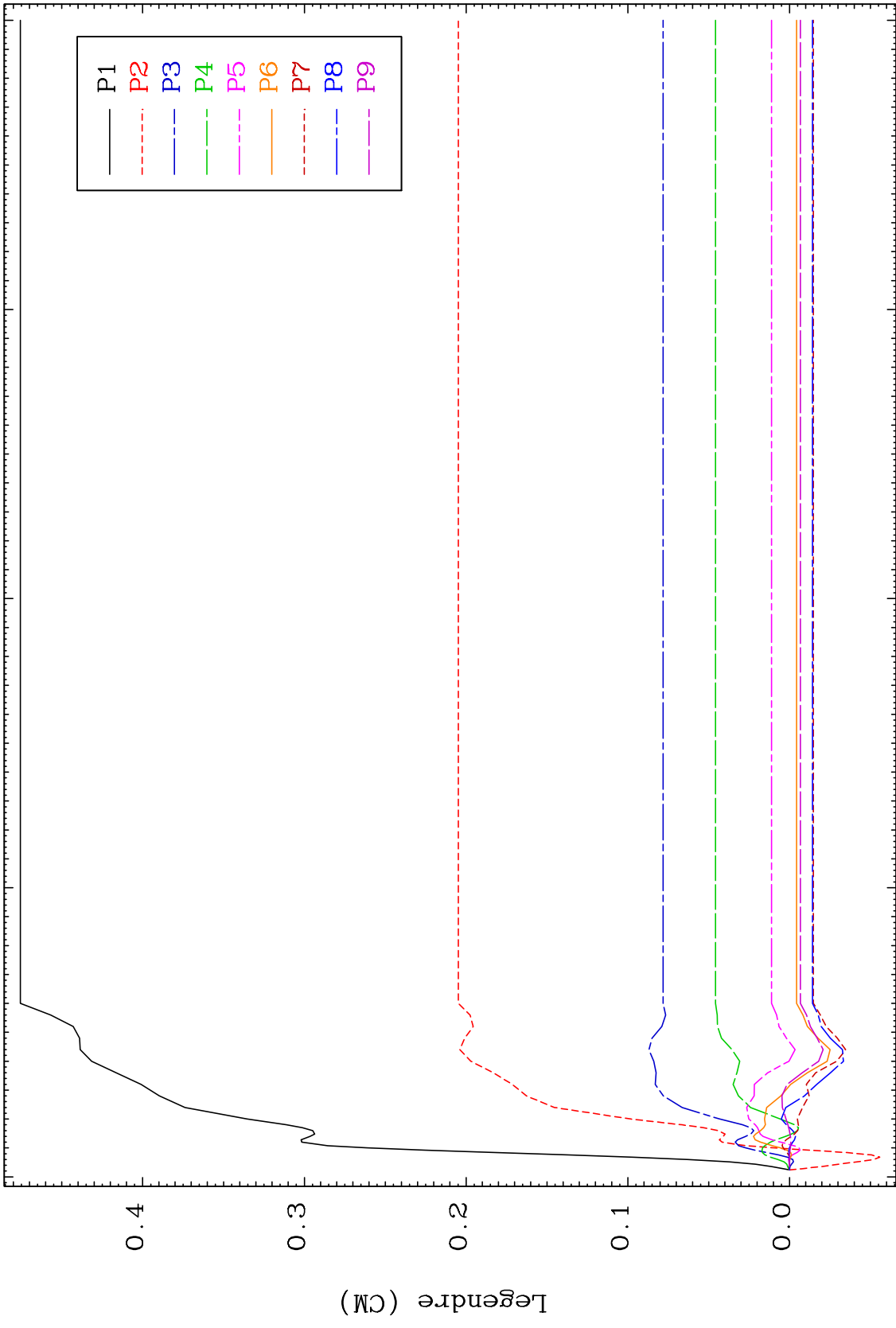


74

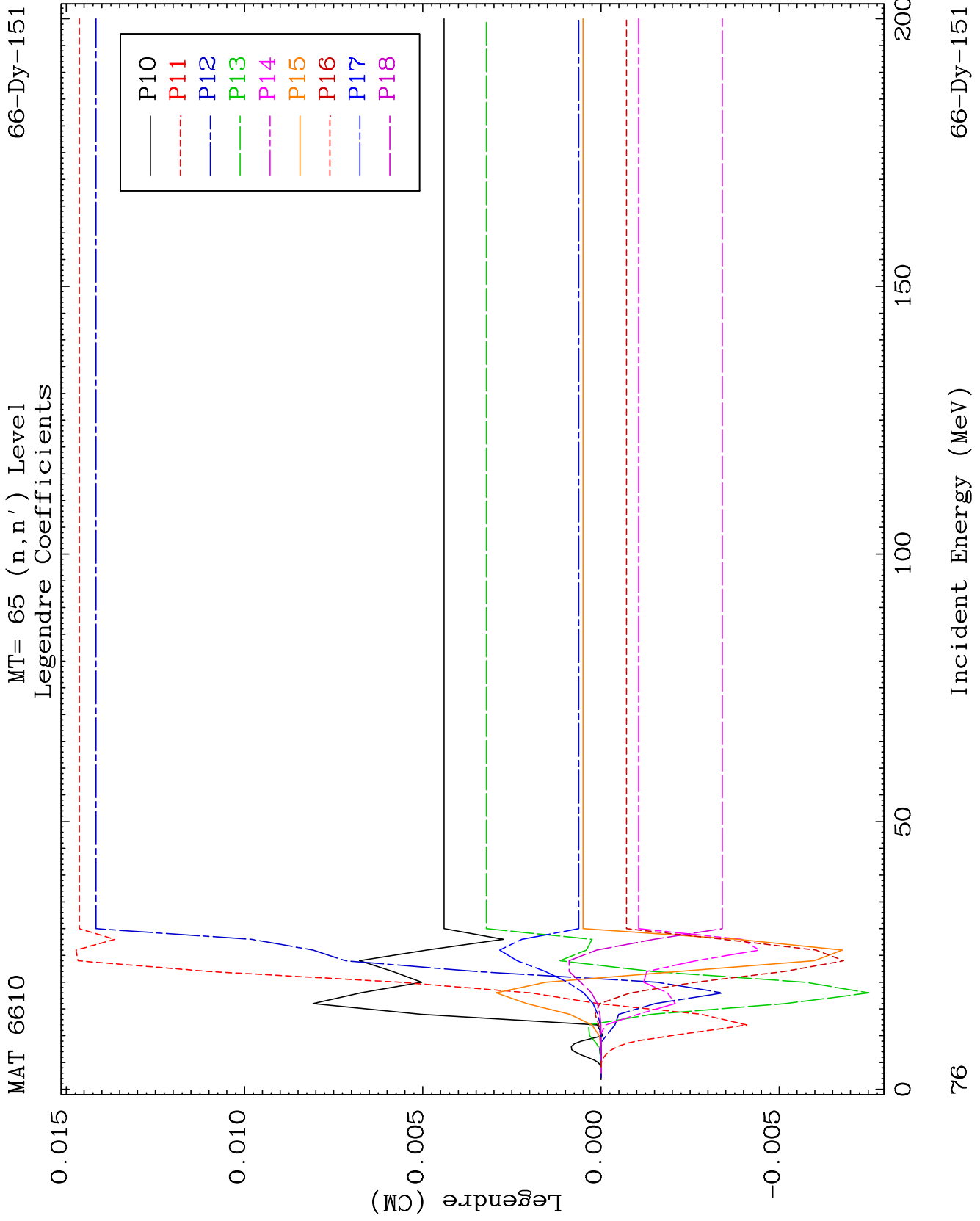
Incident Energy (MeV)

66-Dy-151

MAT 6610 MT= 65 (n,n') Level Legendre Coefficients 66-Dy-151



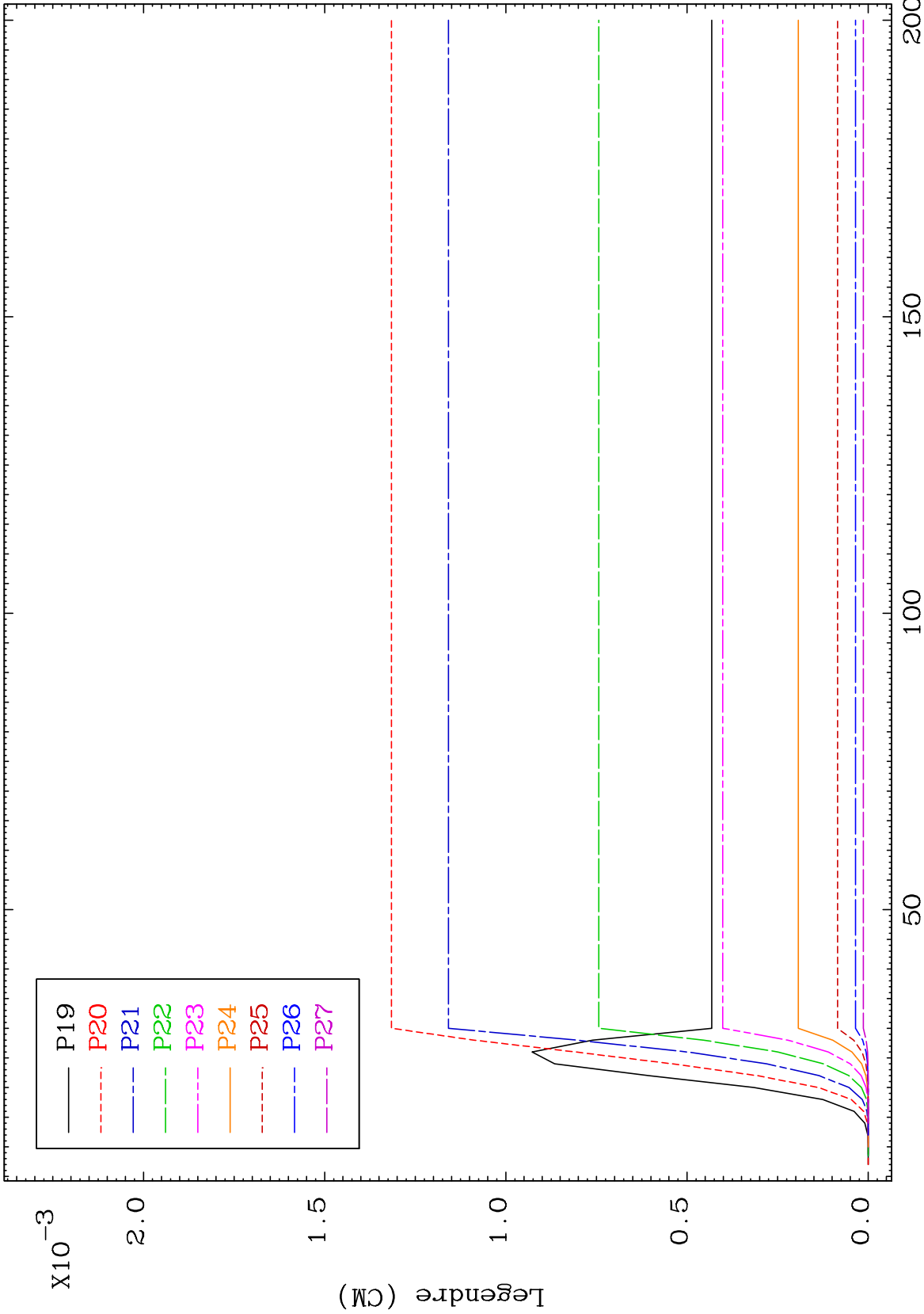
75 Incident Energy (MeV) 66-Dy-151



MAT 6610

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

66-Dy-151



77

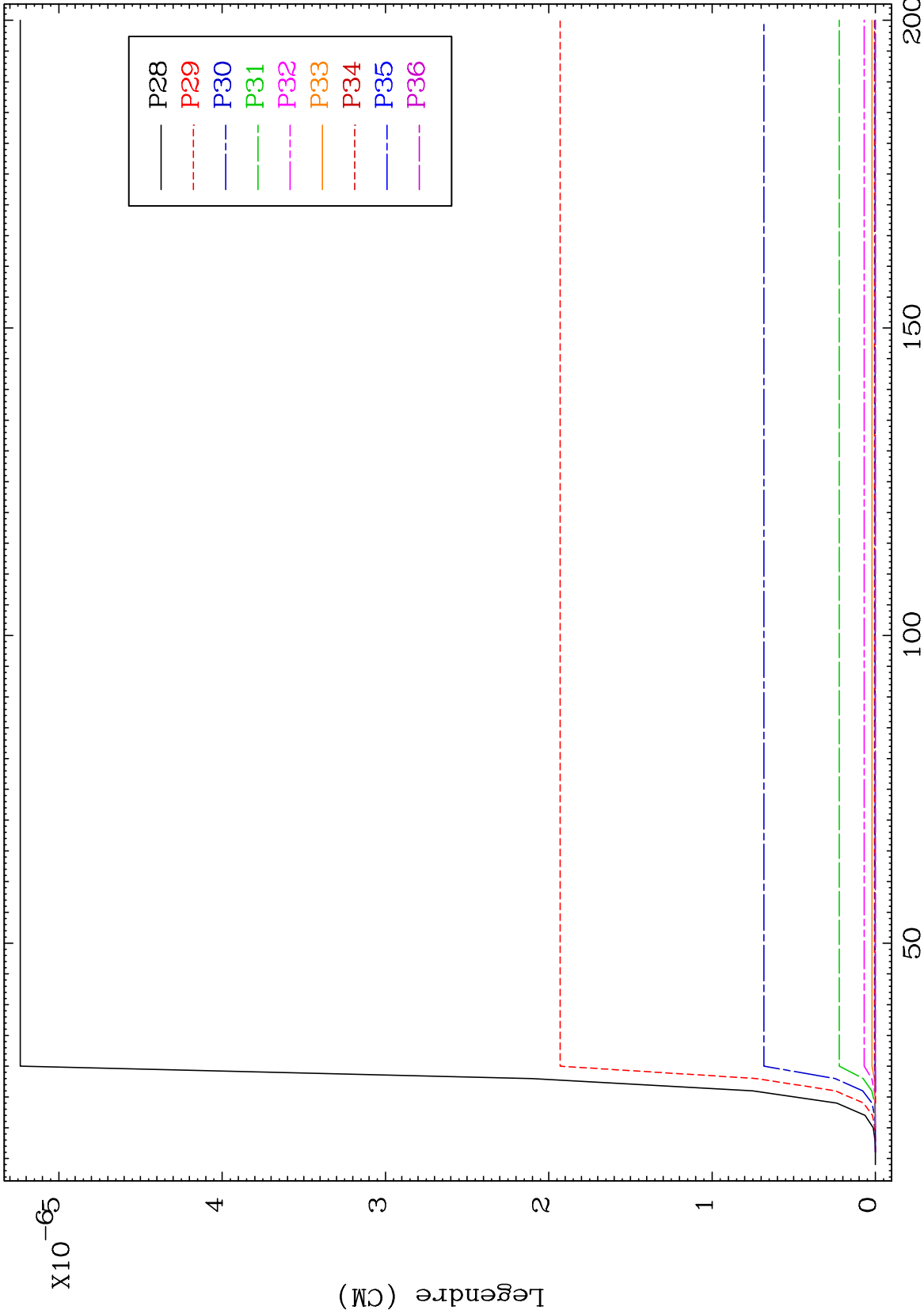
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



78

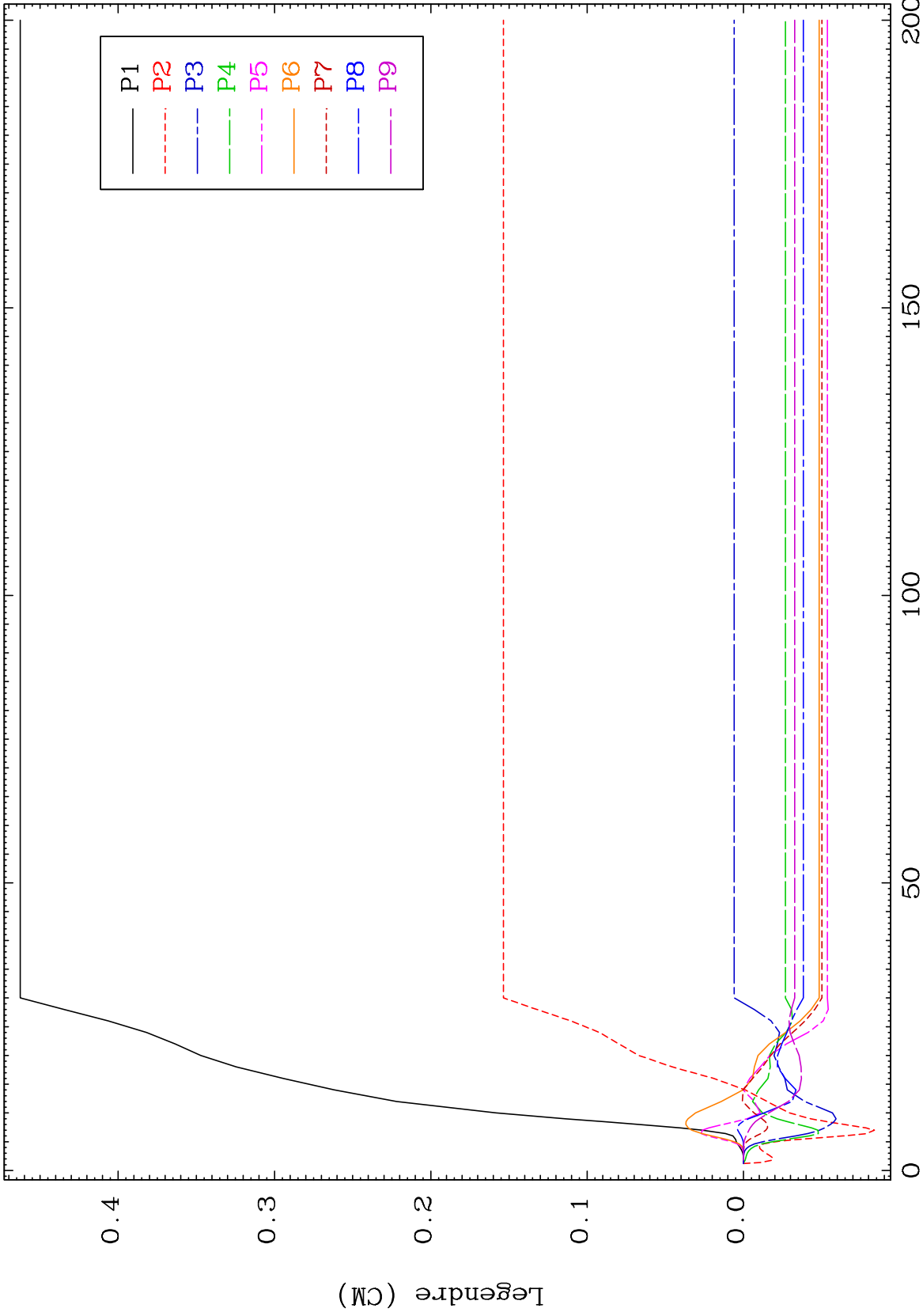
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

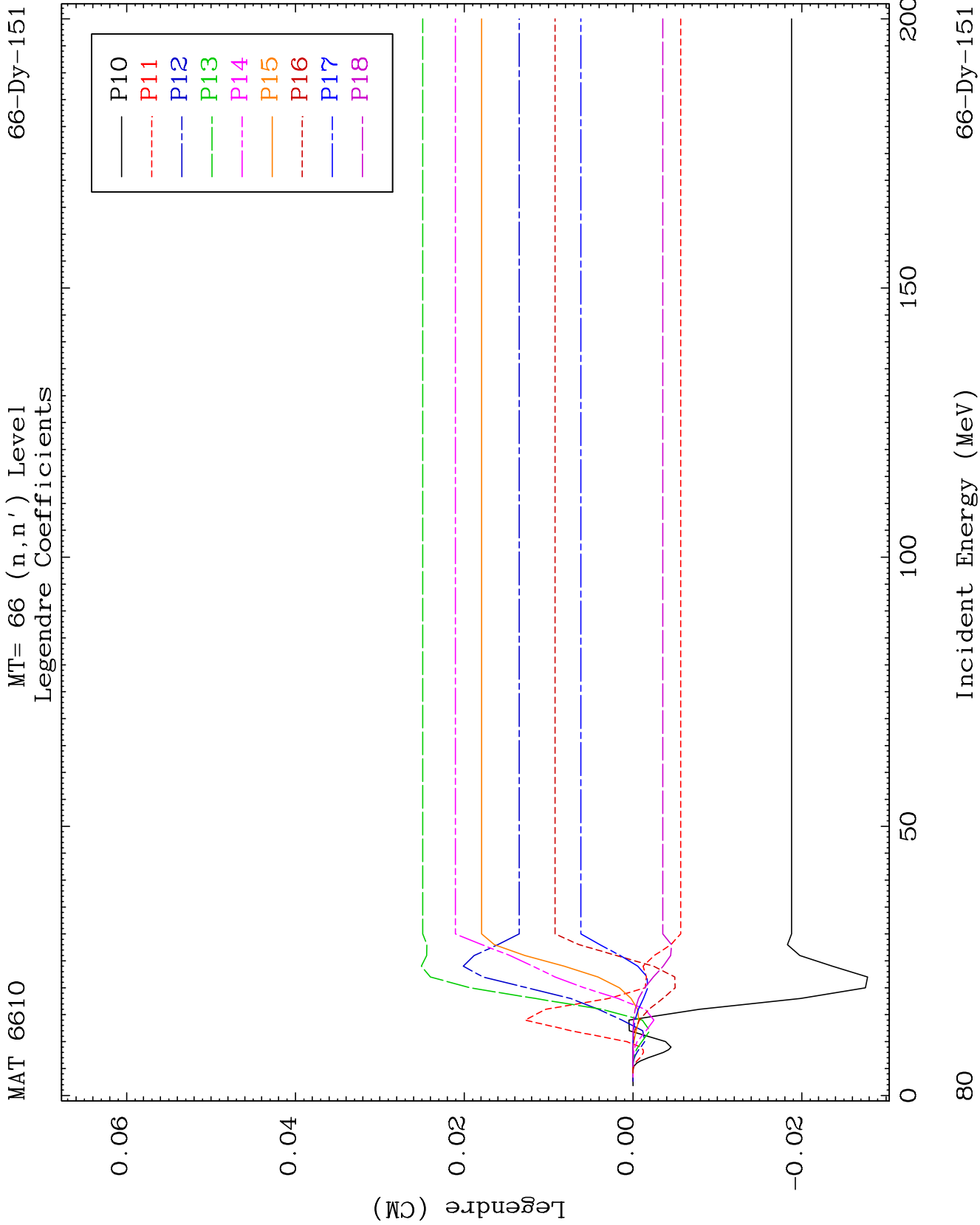
66-Dy-151



79

Incident Energy (MeV)

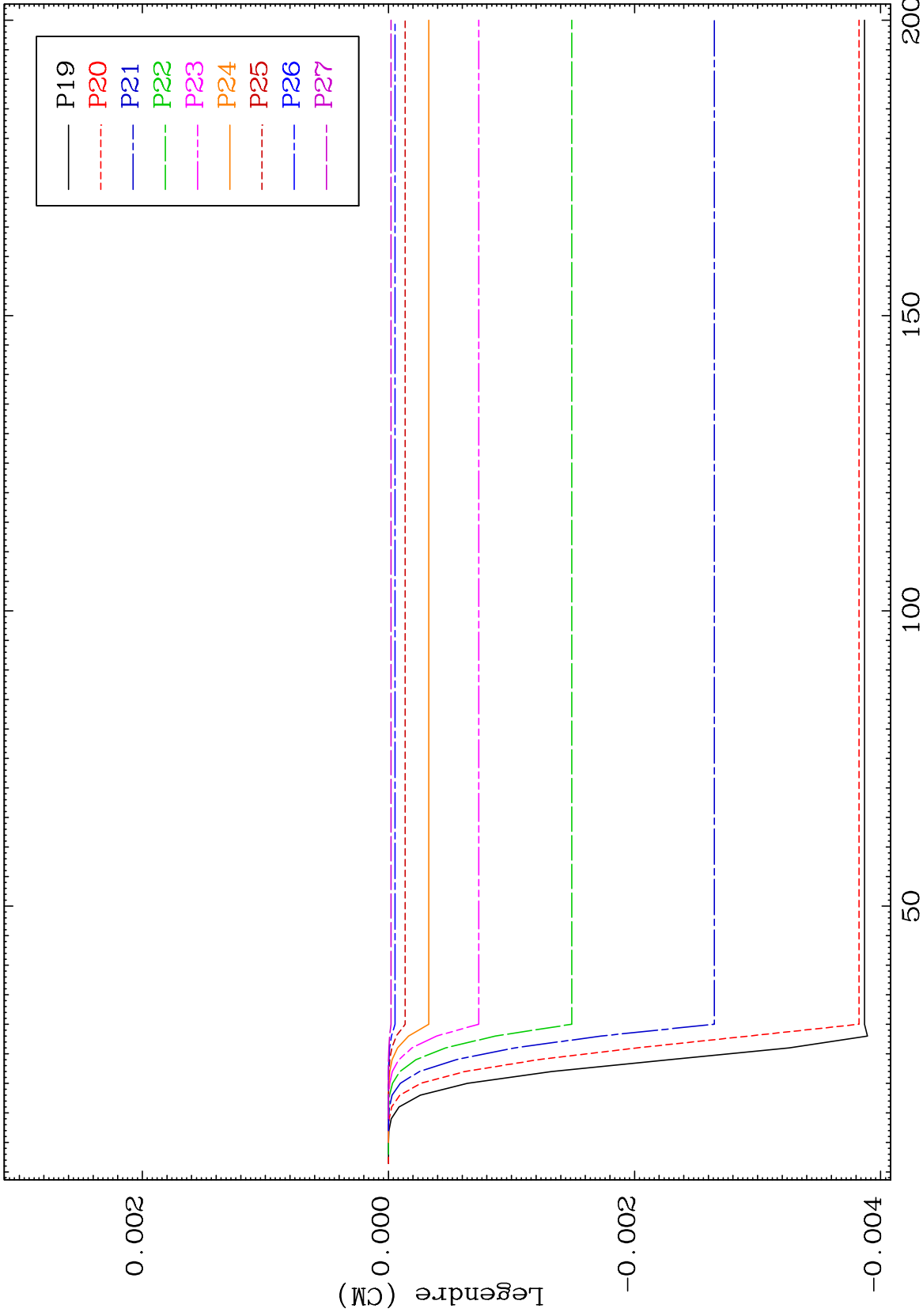
66-Dy-151



MAT 6610

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

66-Dy-151



81

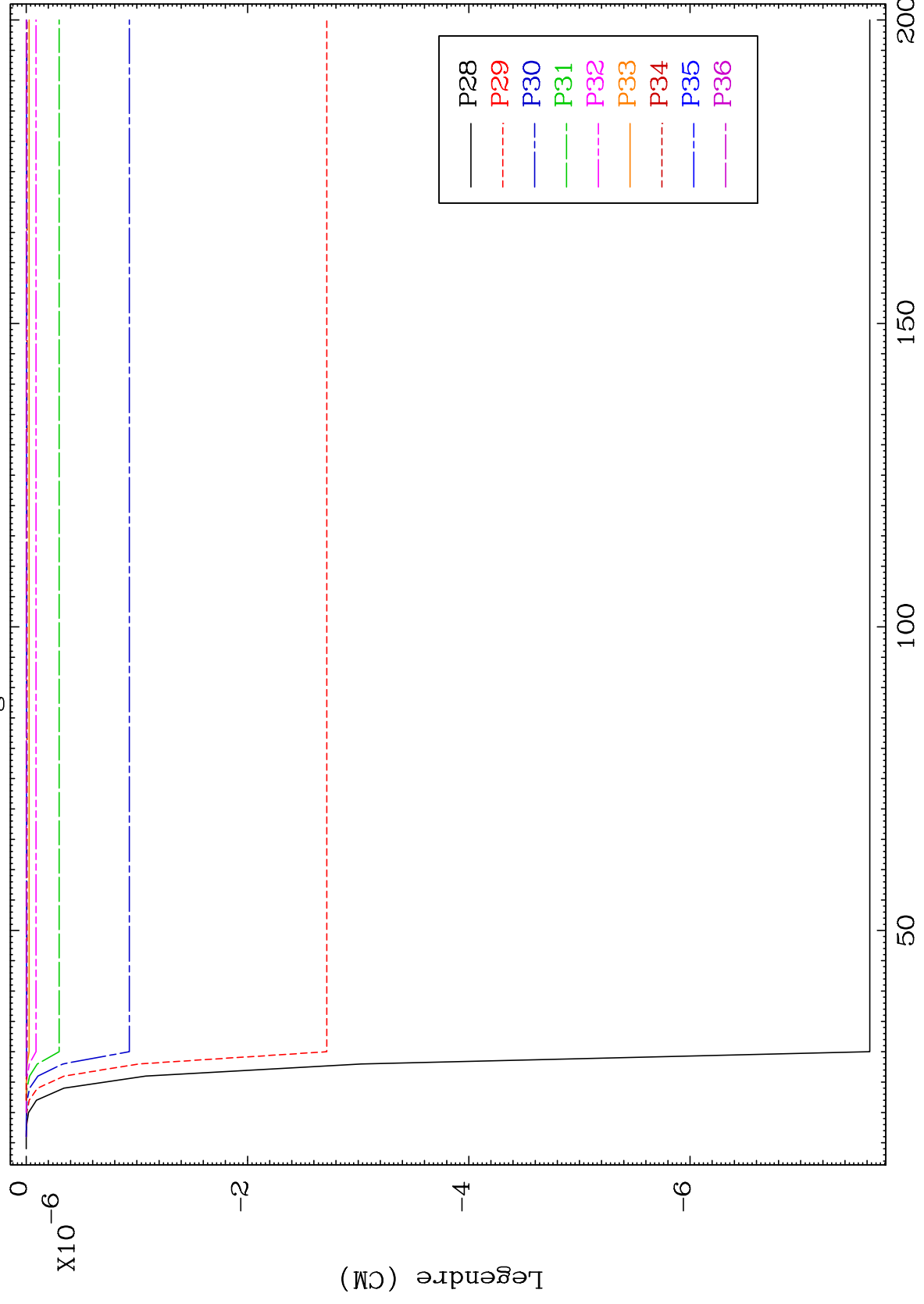
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



66-Dy-151

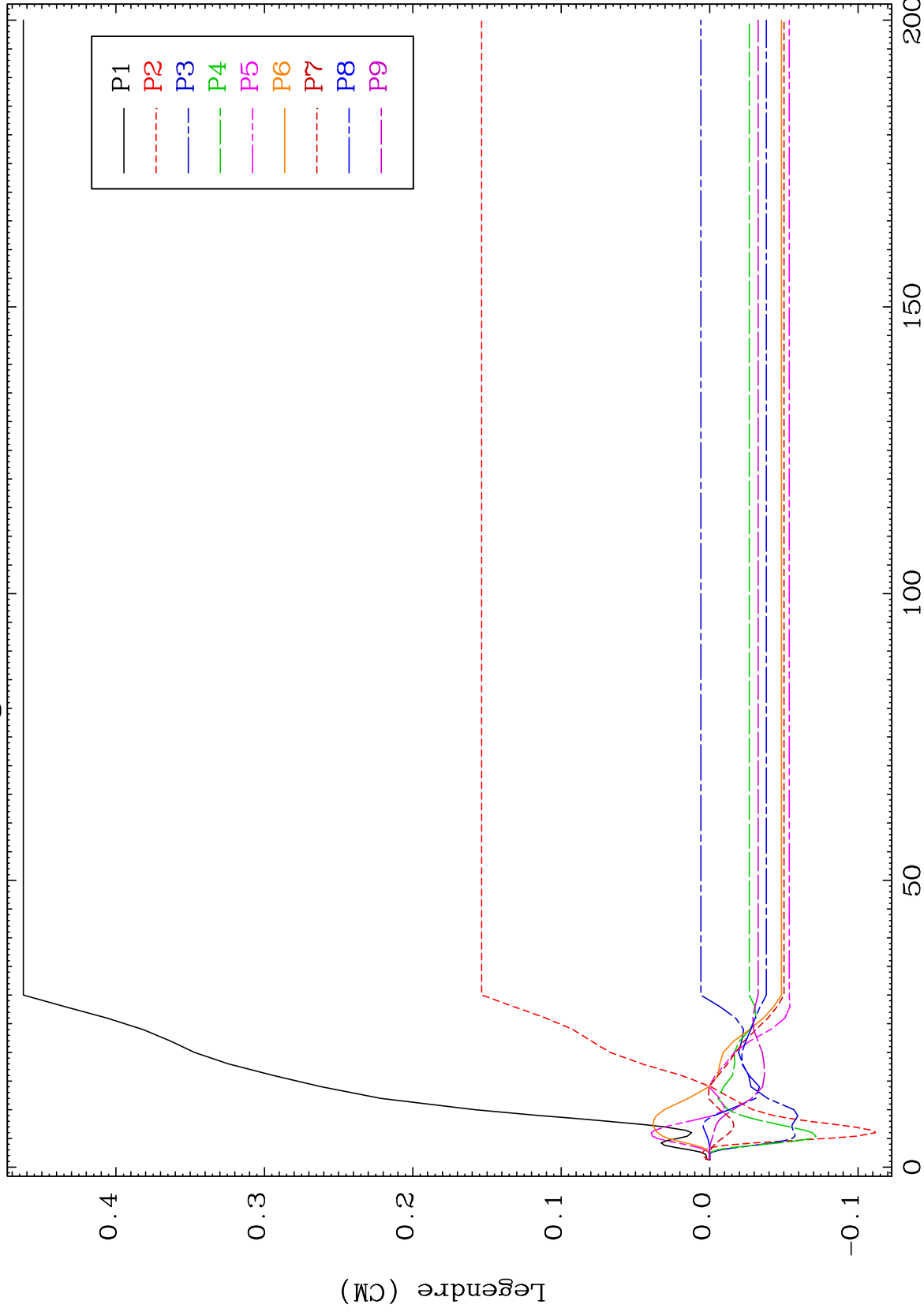
Incident Energy (MeV)

82

MAT 6610

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

66-Dy-151

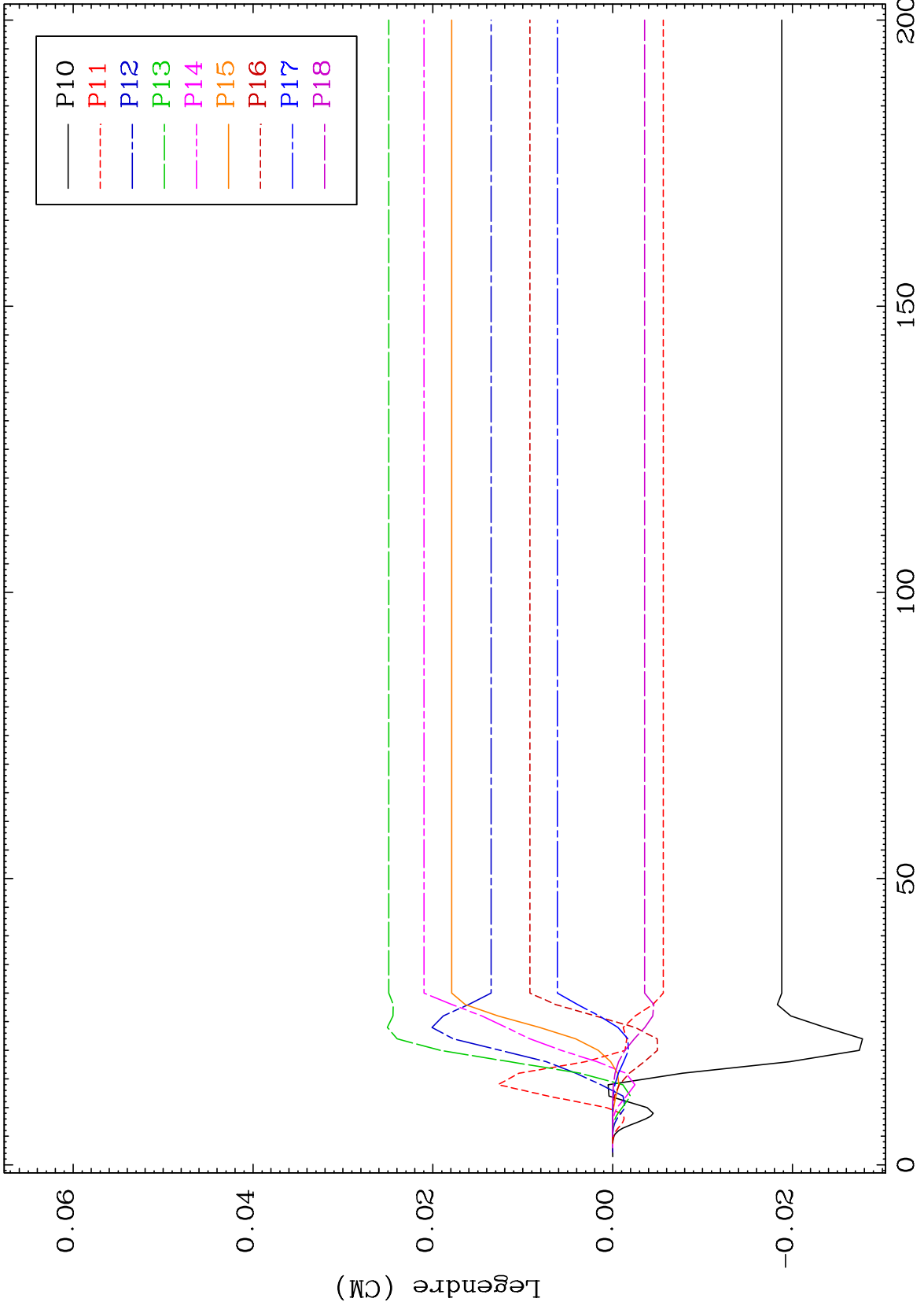


83

Incident Energy (MeV)

66-Dy-151

MAT 6610 MT= 67 (n,n') Level Legendre Coefficients 66-Dy-151

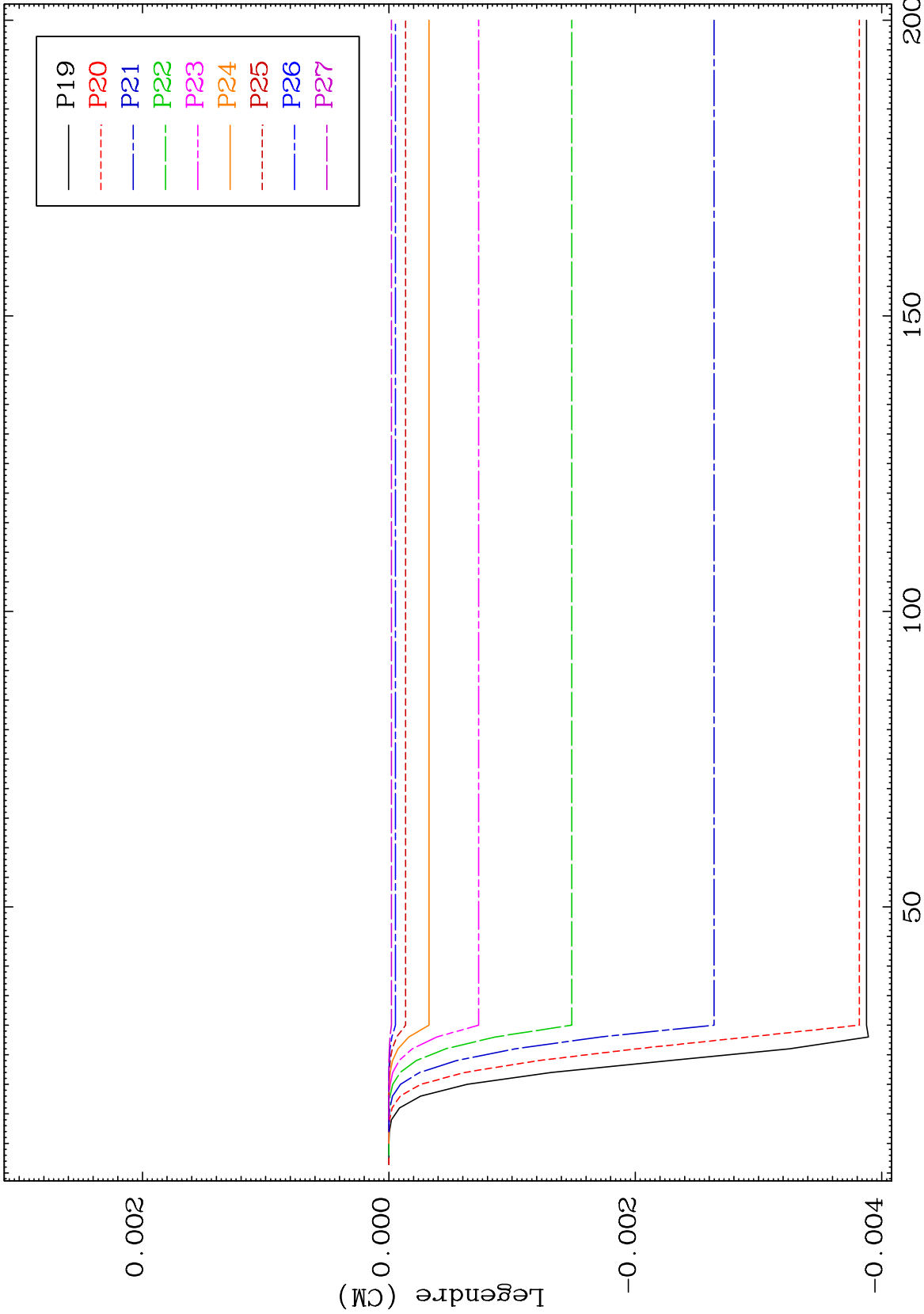


84 66-Dy-151

MAT 6610

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

66-Dy-151



85

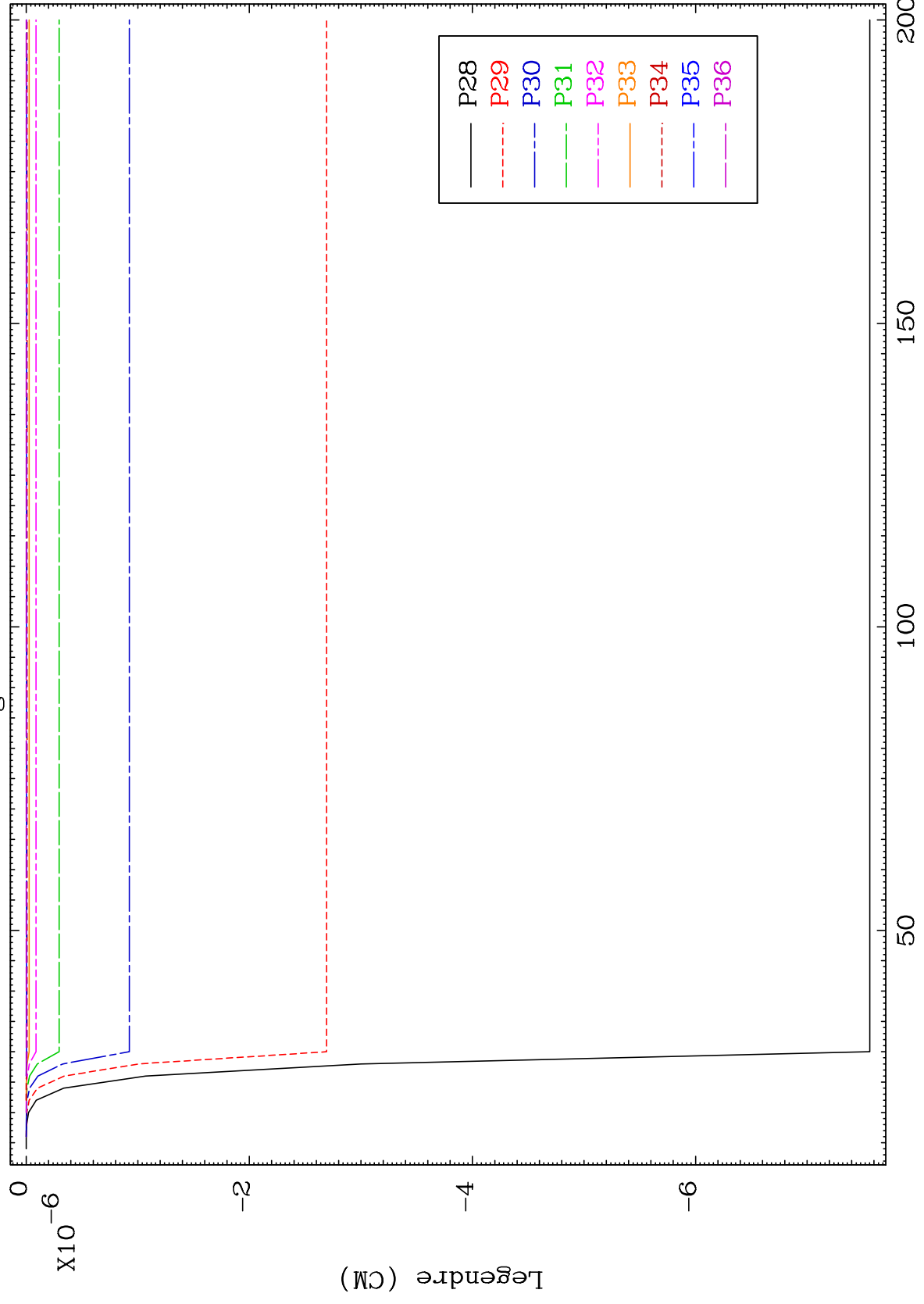
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



66-Dy-151

Incident Energy (MeV)

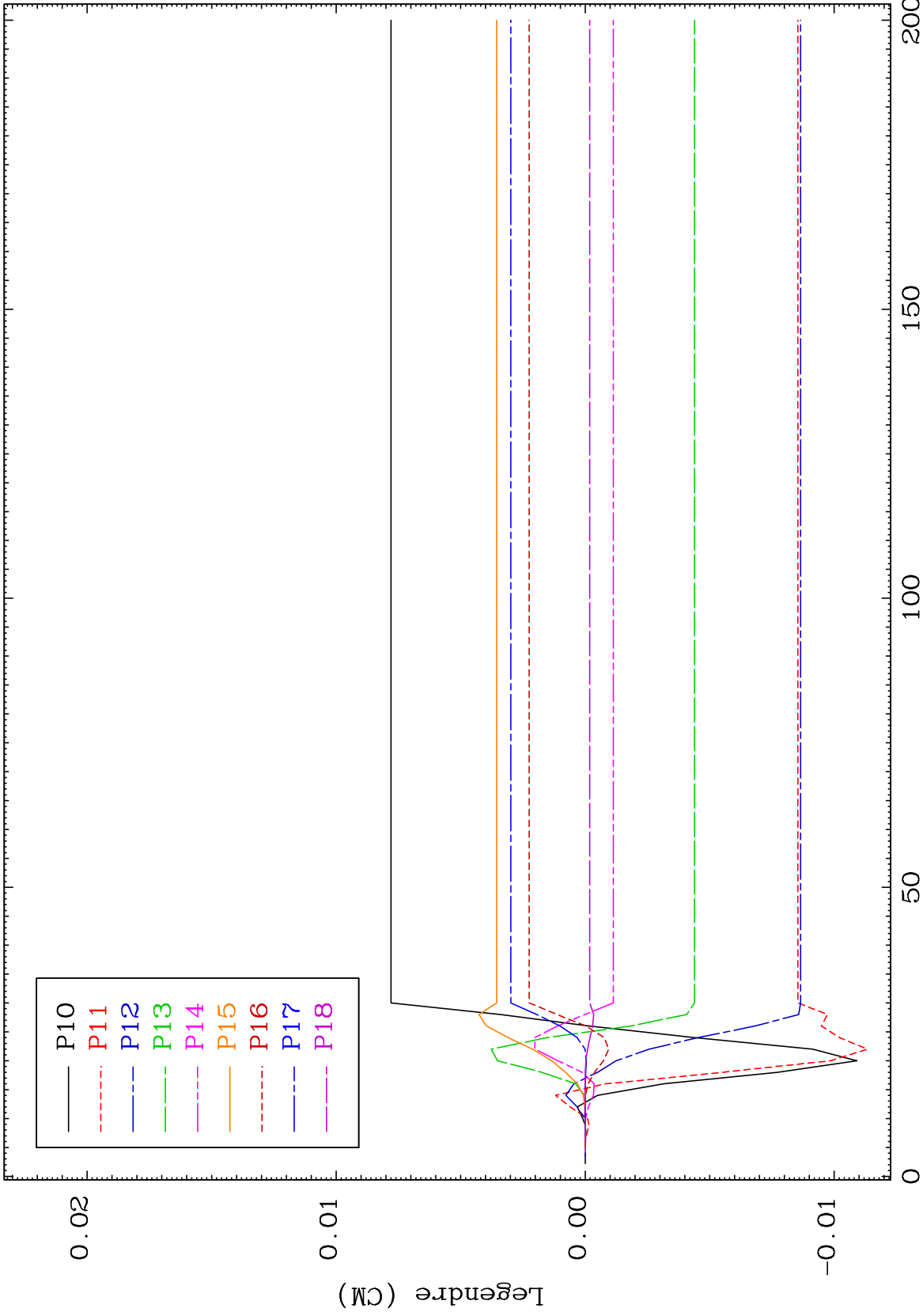
86



MAT 6610

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

66-Dy-151



88

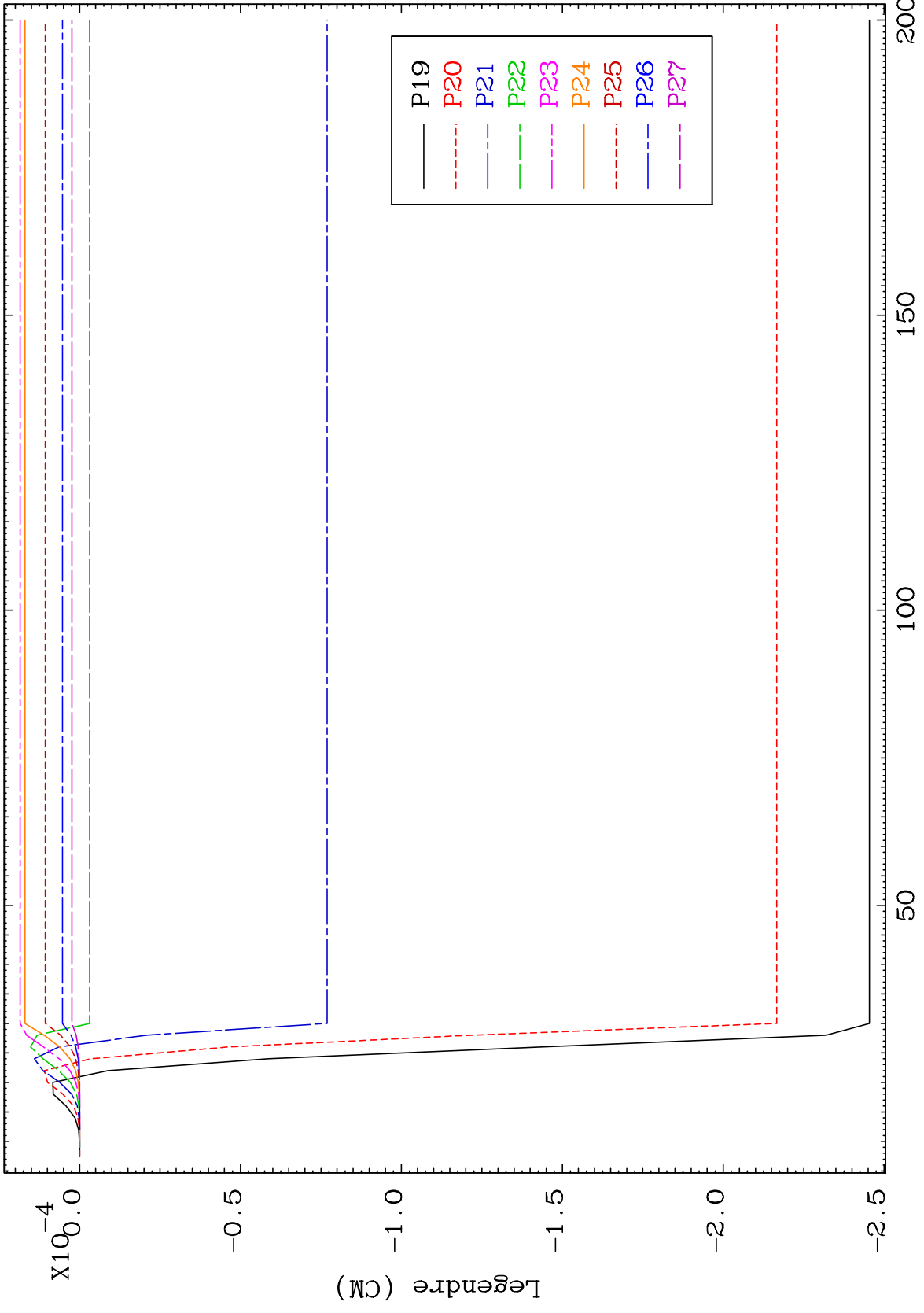
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



89

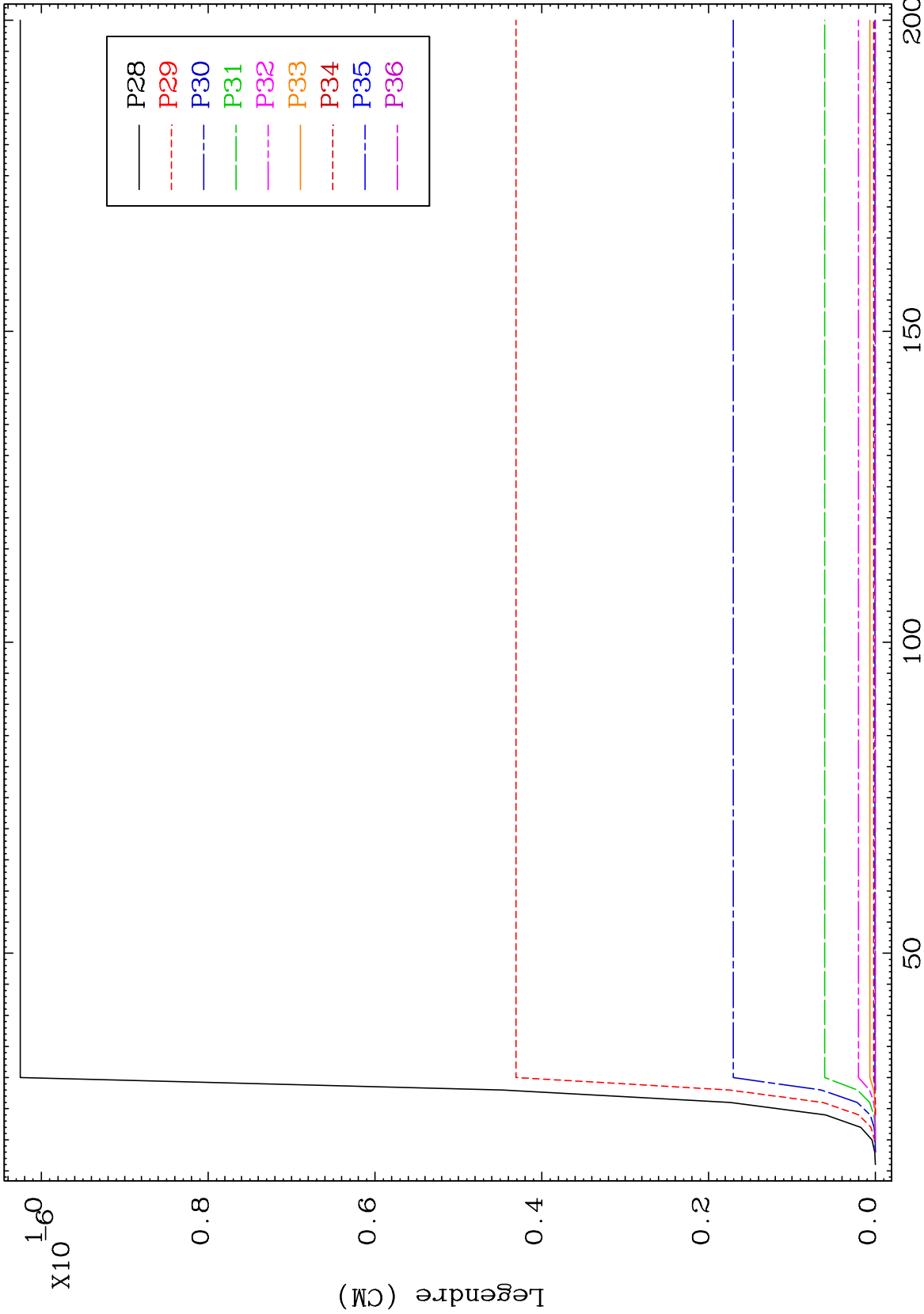
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



90

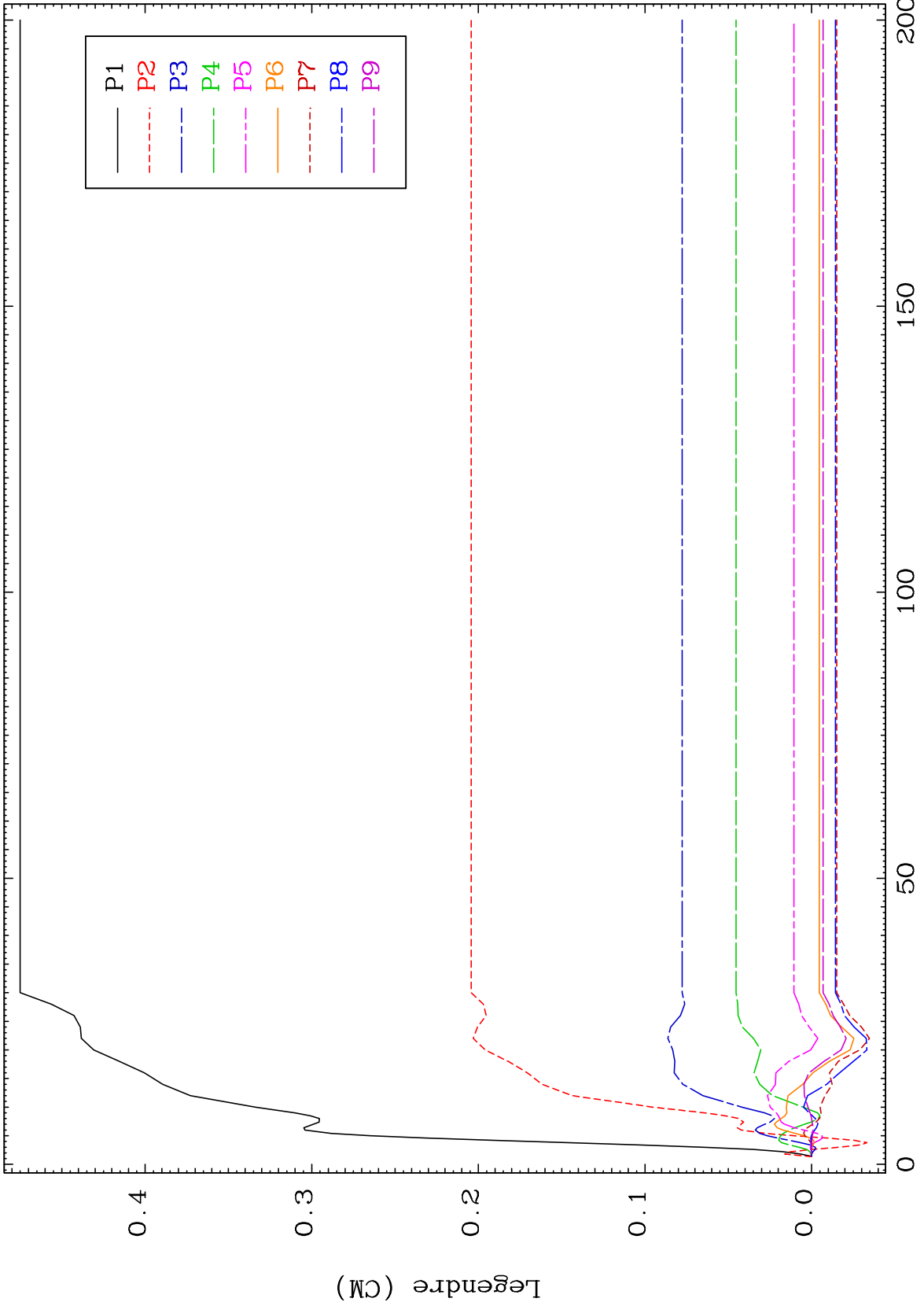
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



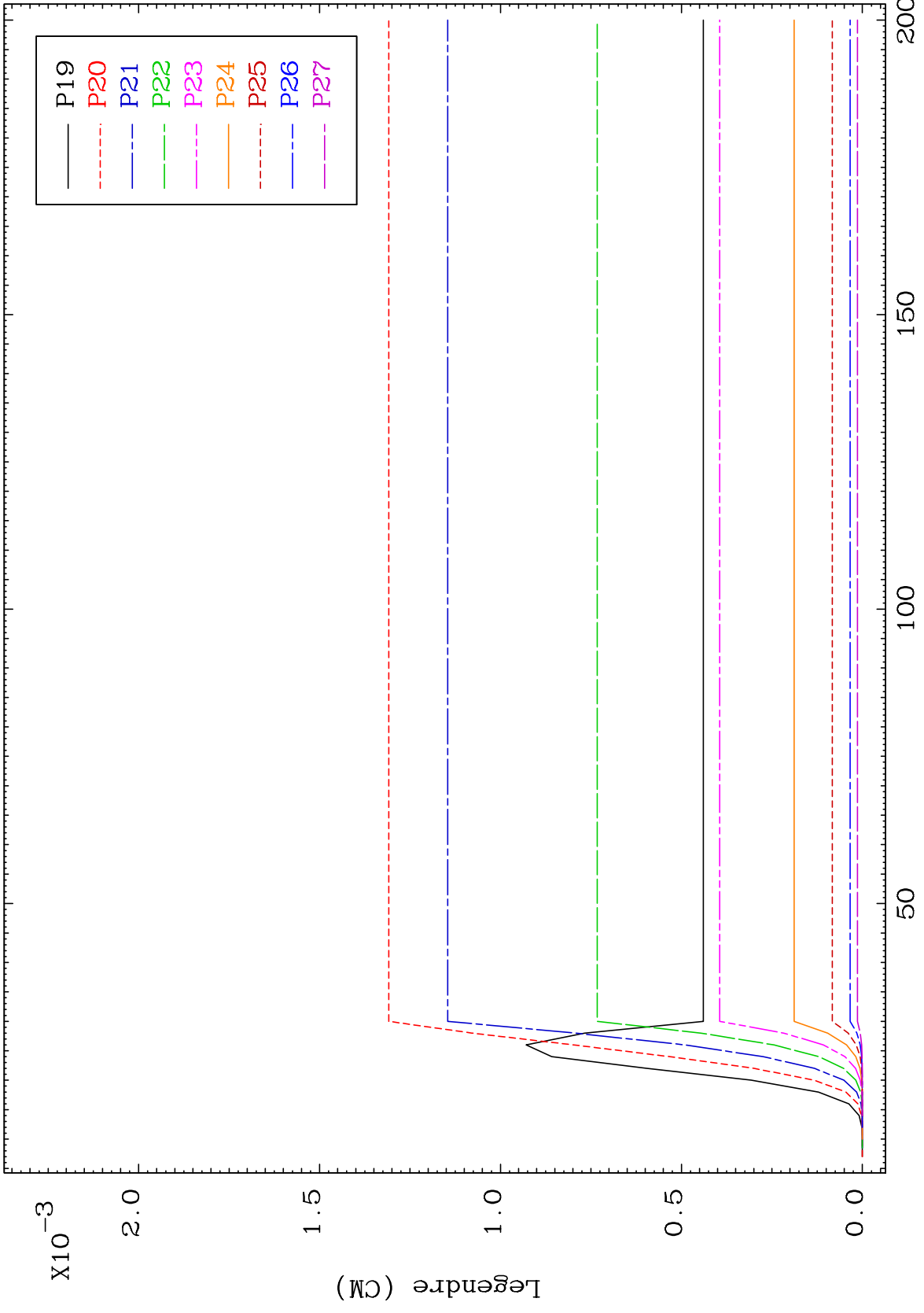
91

Incident Energy (MeV)

66-Dy-151



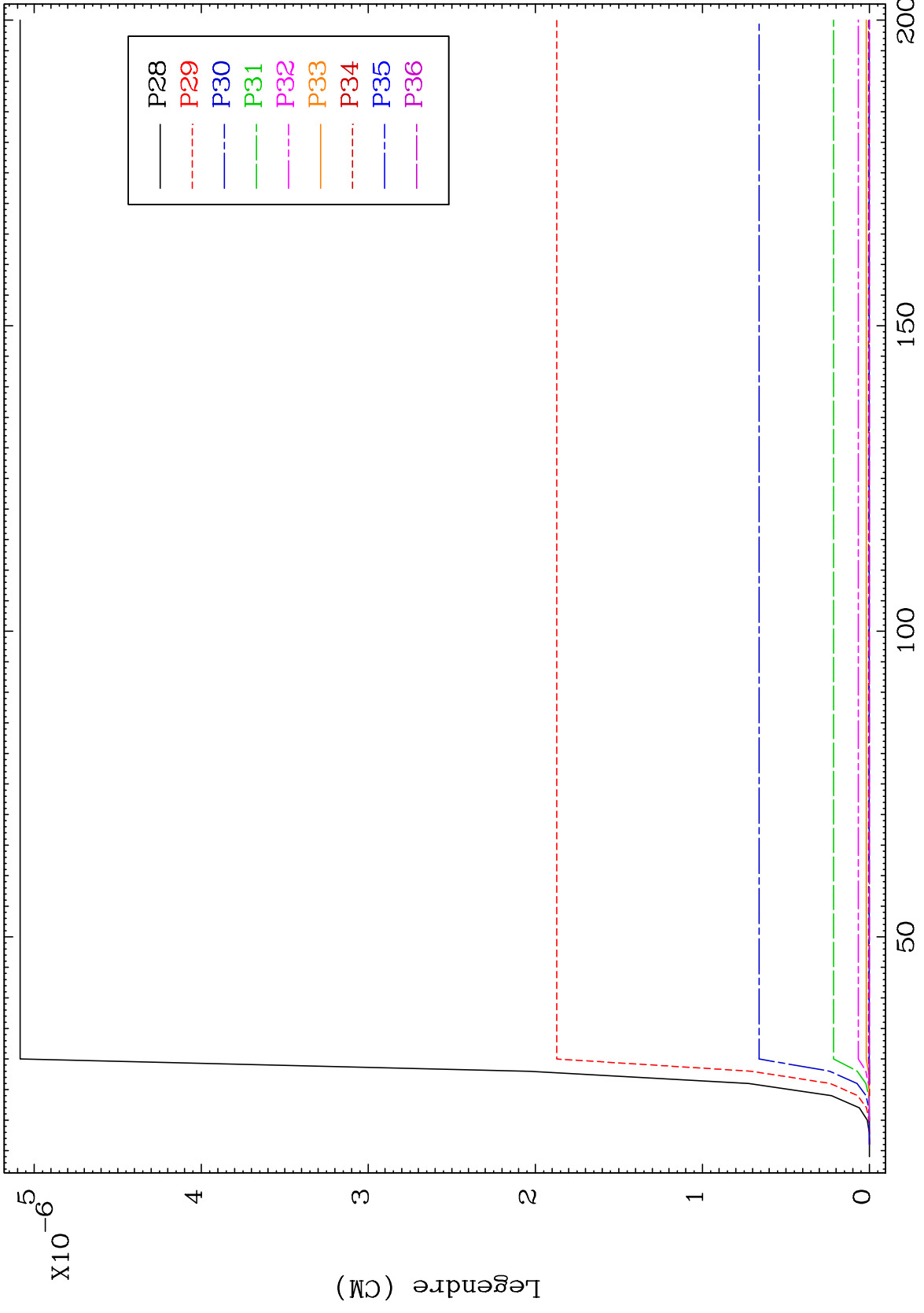
MAT 6610 MT= 69 (n,n') Level Legendre Coefficients 66-Dy-151



MAT 6610

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

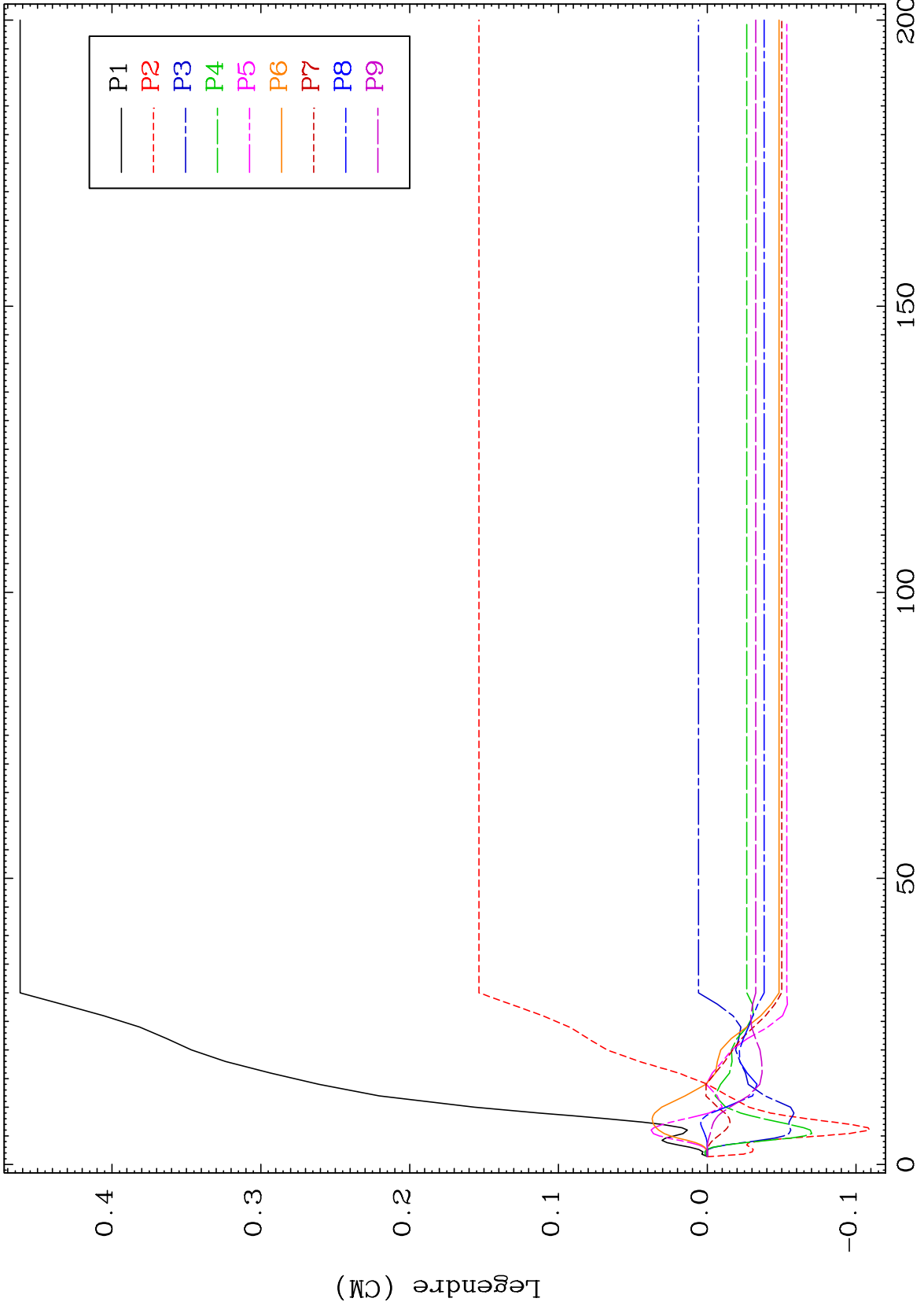
66-Dy-151



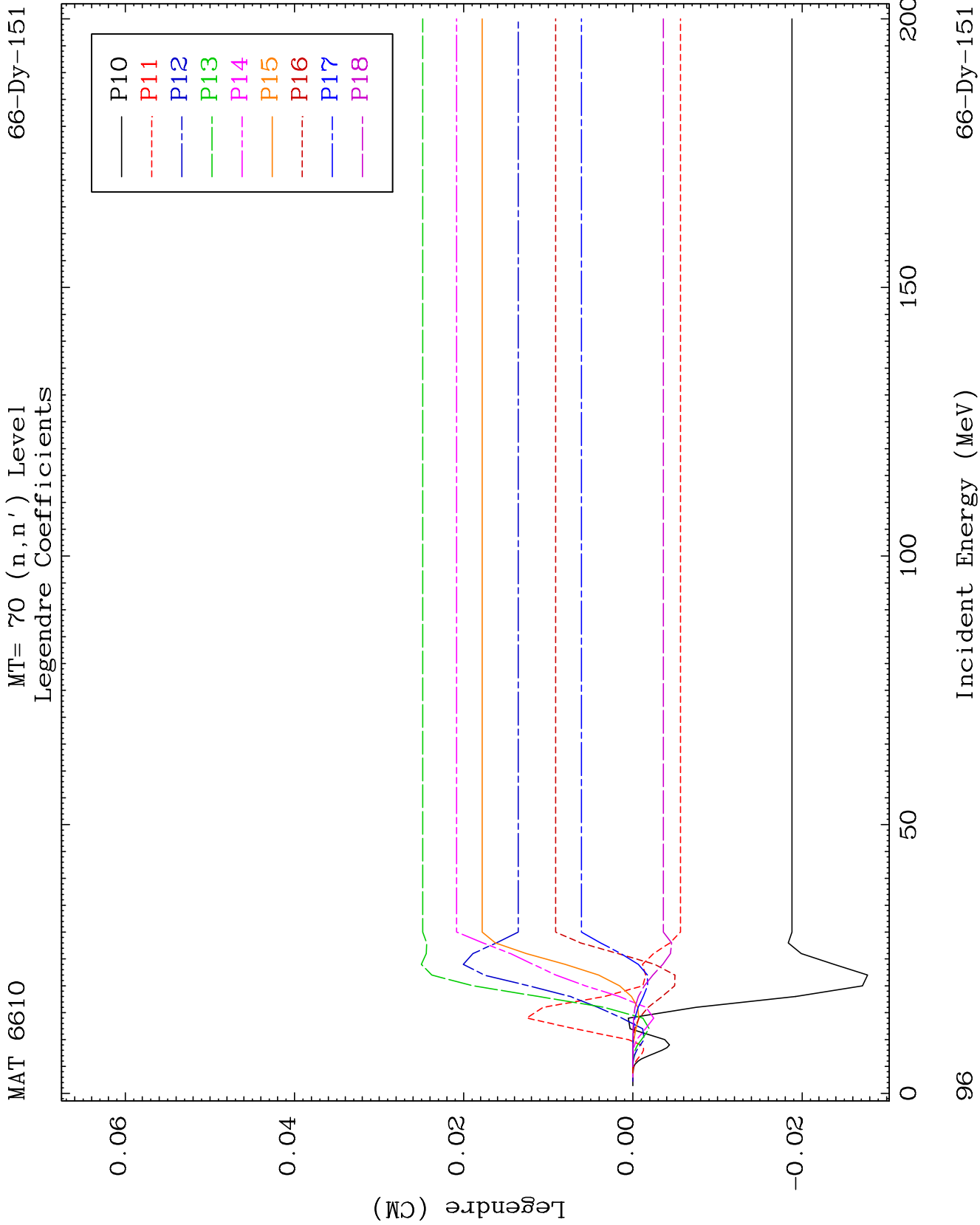
94

66-Dy-151

MAT 6610 MT= 70 (n,n') Level Legendre Coefficients 66-Dy-151



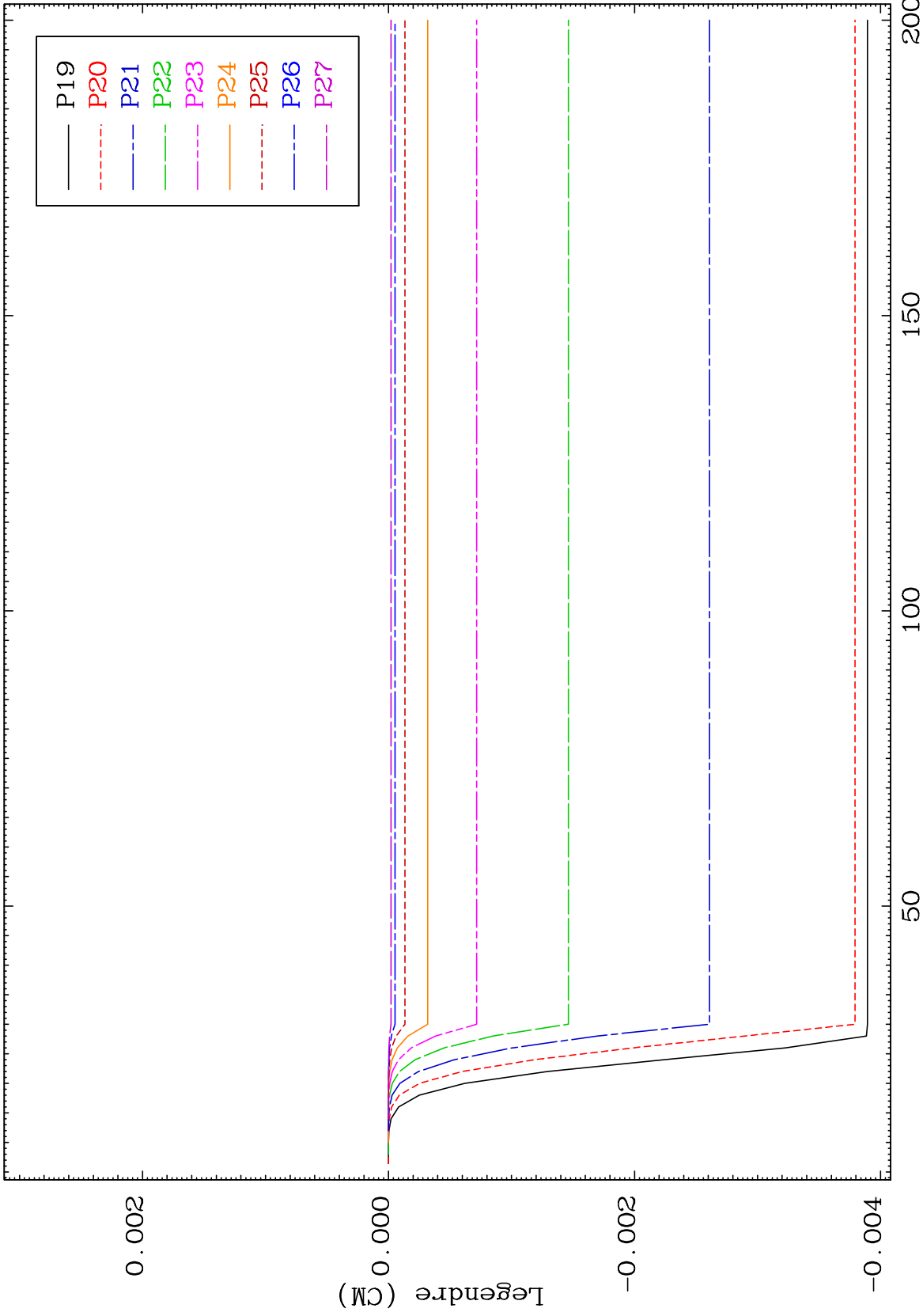
95 Incident Energy (MeV) 66-Dy-151



MAT 6610

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

66-Dy-151

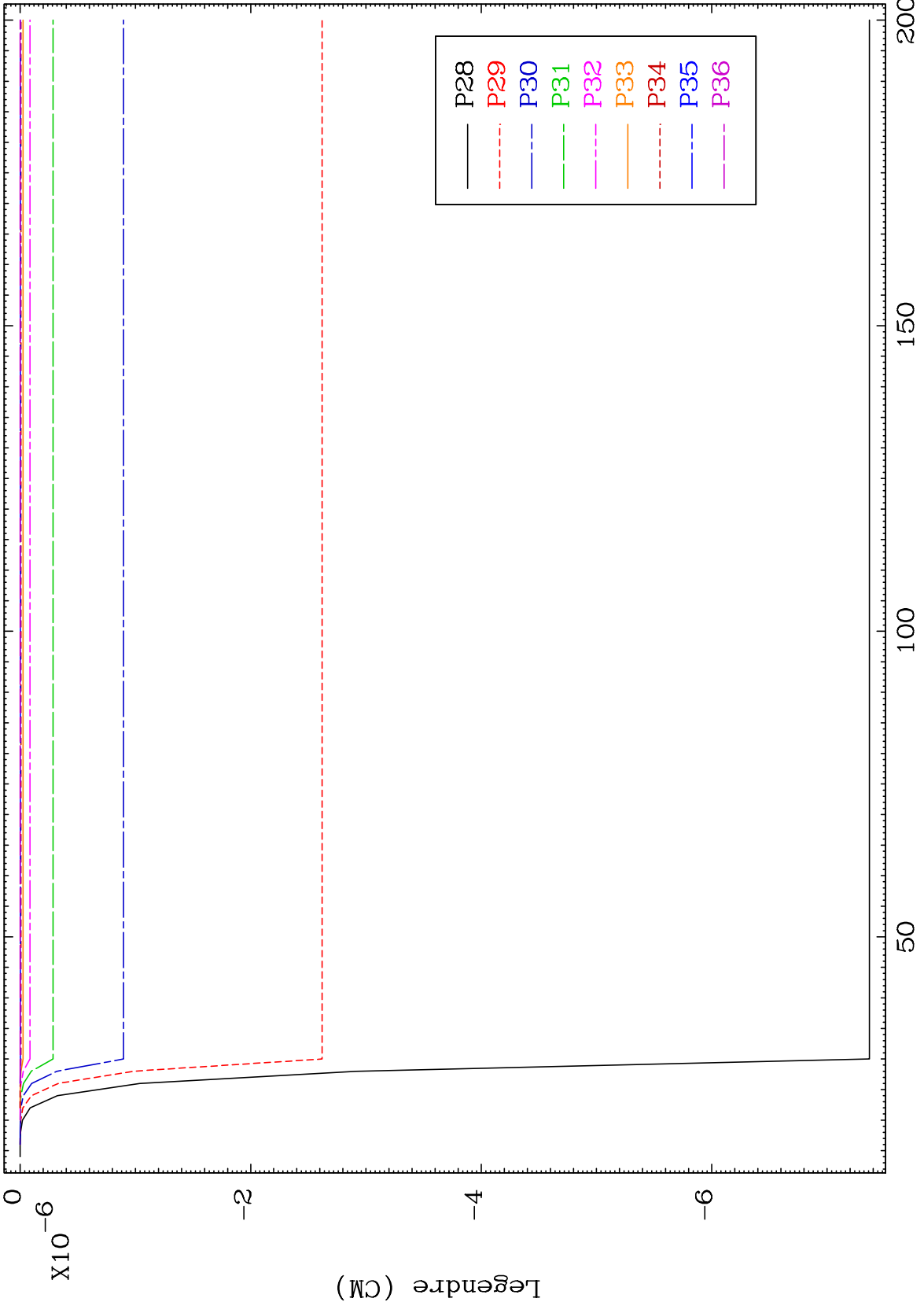


97

Incident Energy (MeV)

66-Dy-151

MAT 6610 MT= 70 (n,n') Level Legendre Coefficients 66-Dy-151

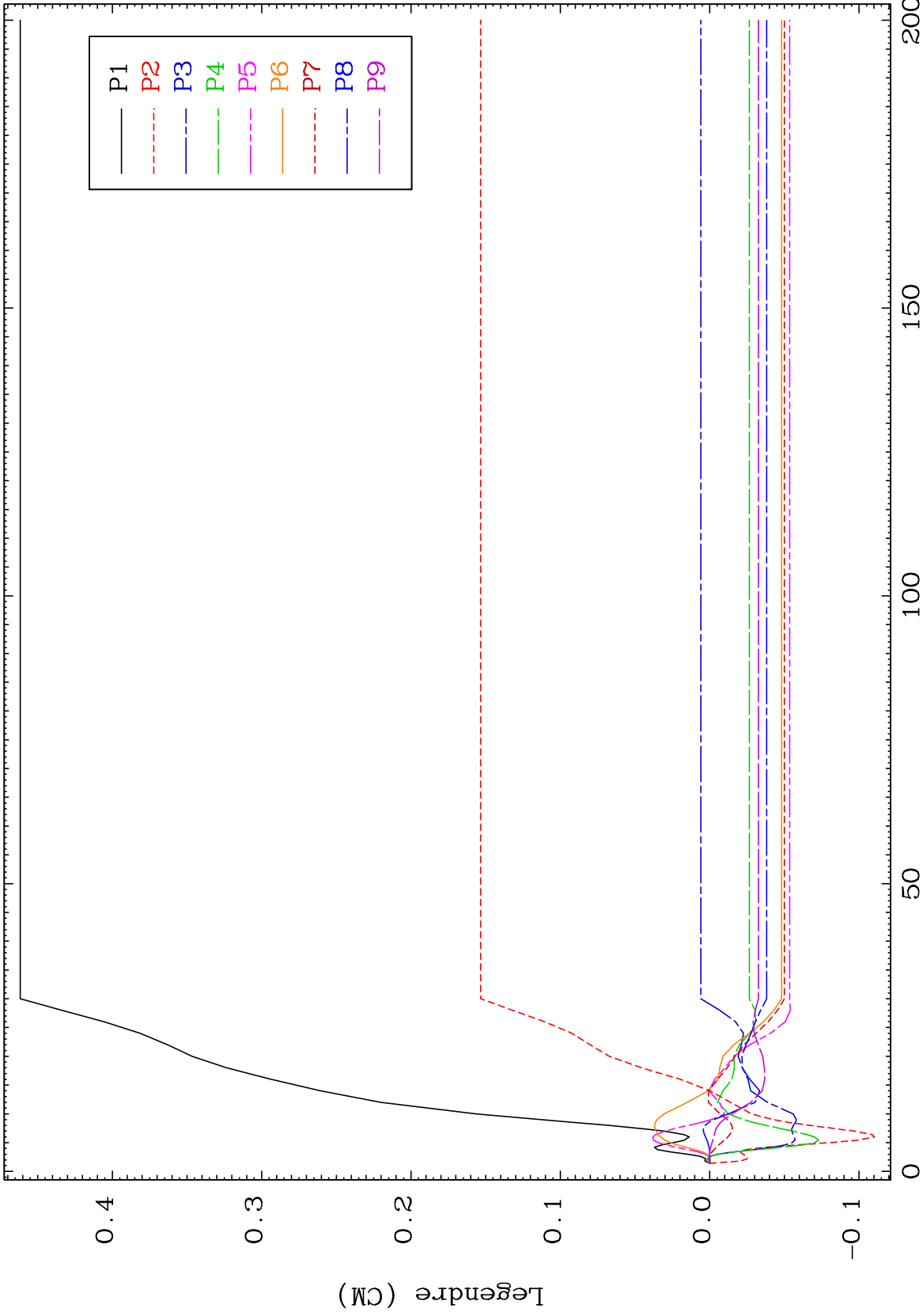


98 66-Dy-151

MAT 6610

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

66-Dy-151



99

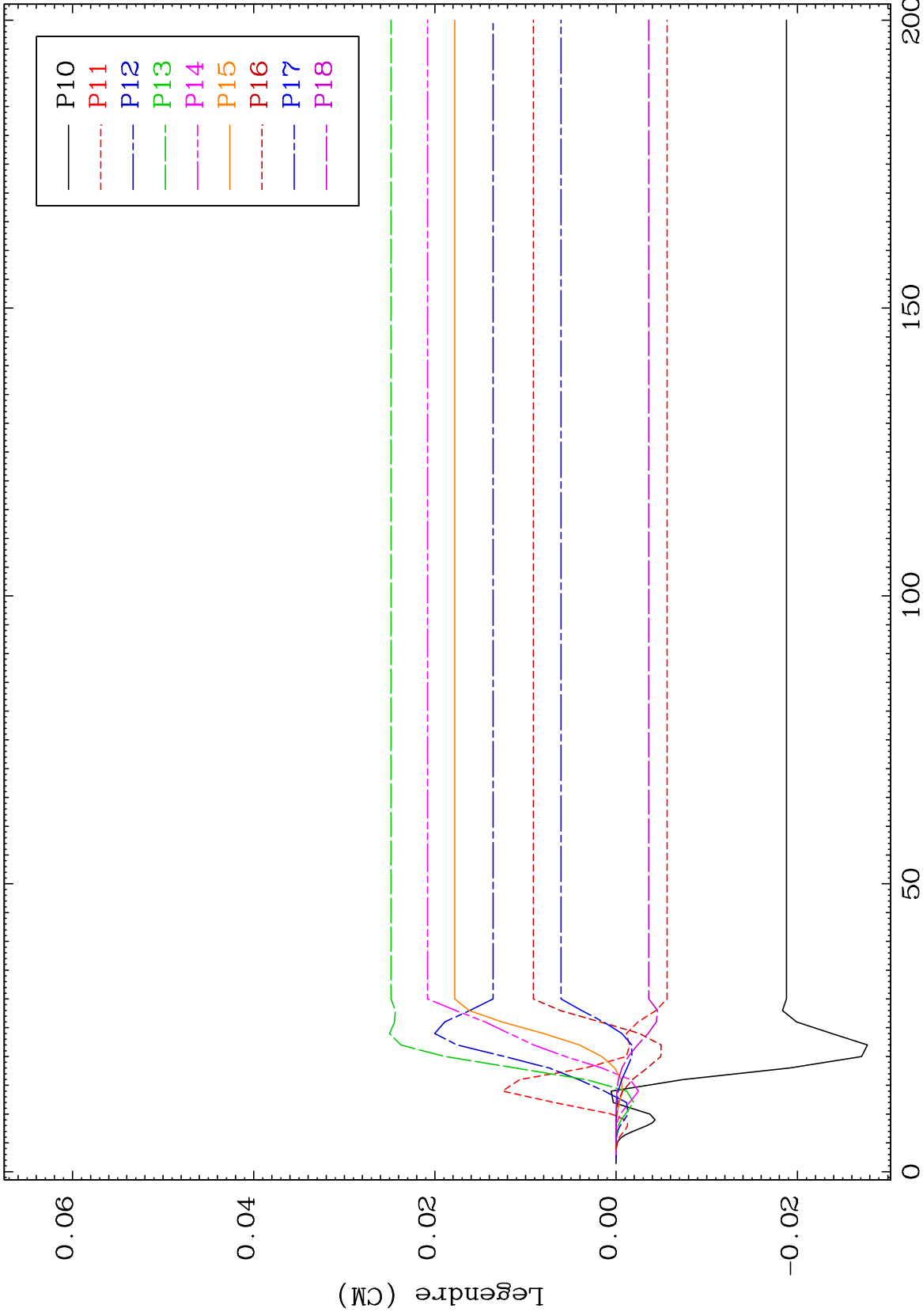
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



66-Dy-151

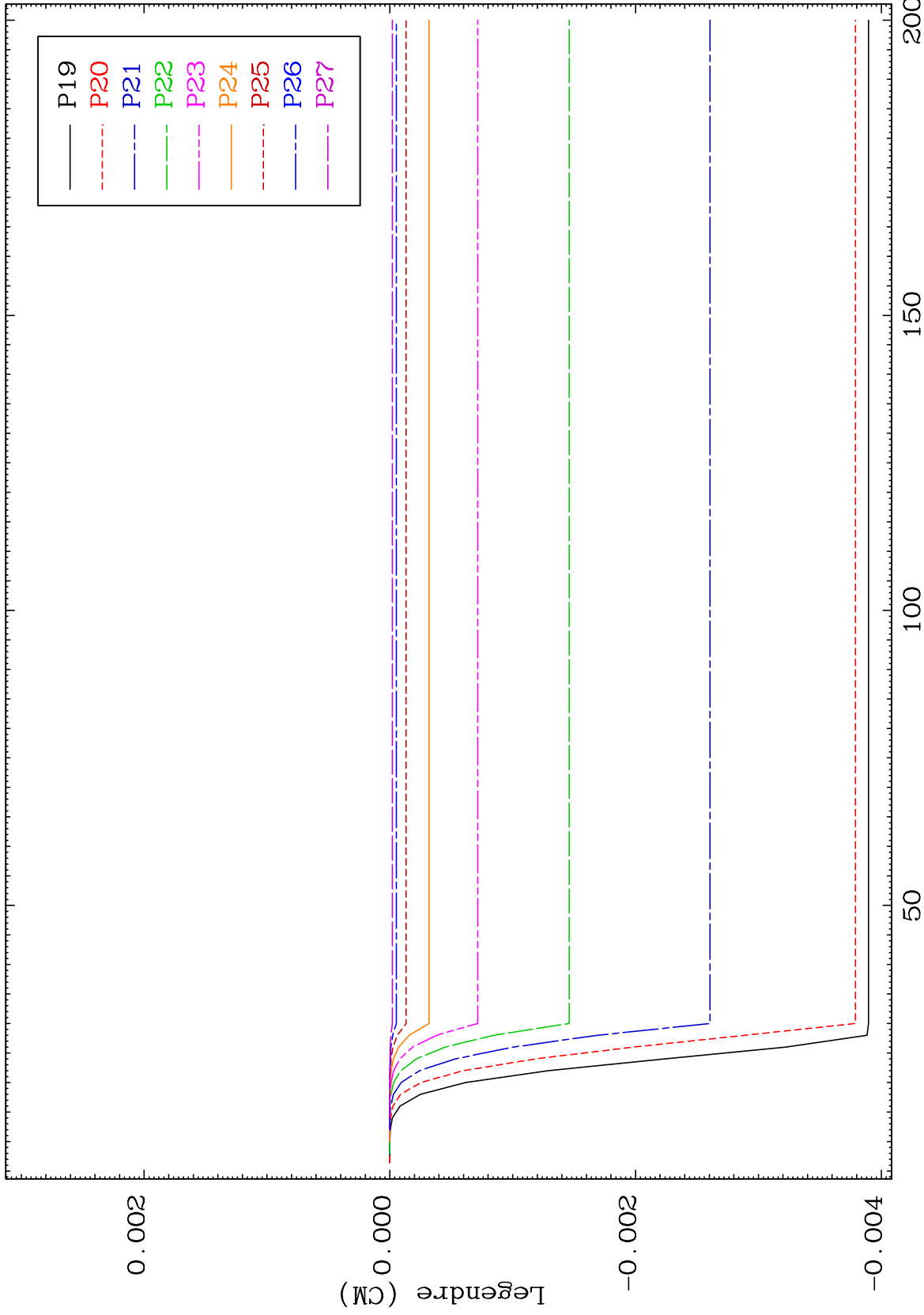
Incident Energy (MeV)

Legendre (CM)

MAT 6610

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

66-Dy-151

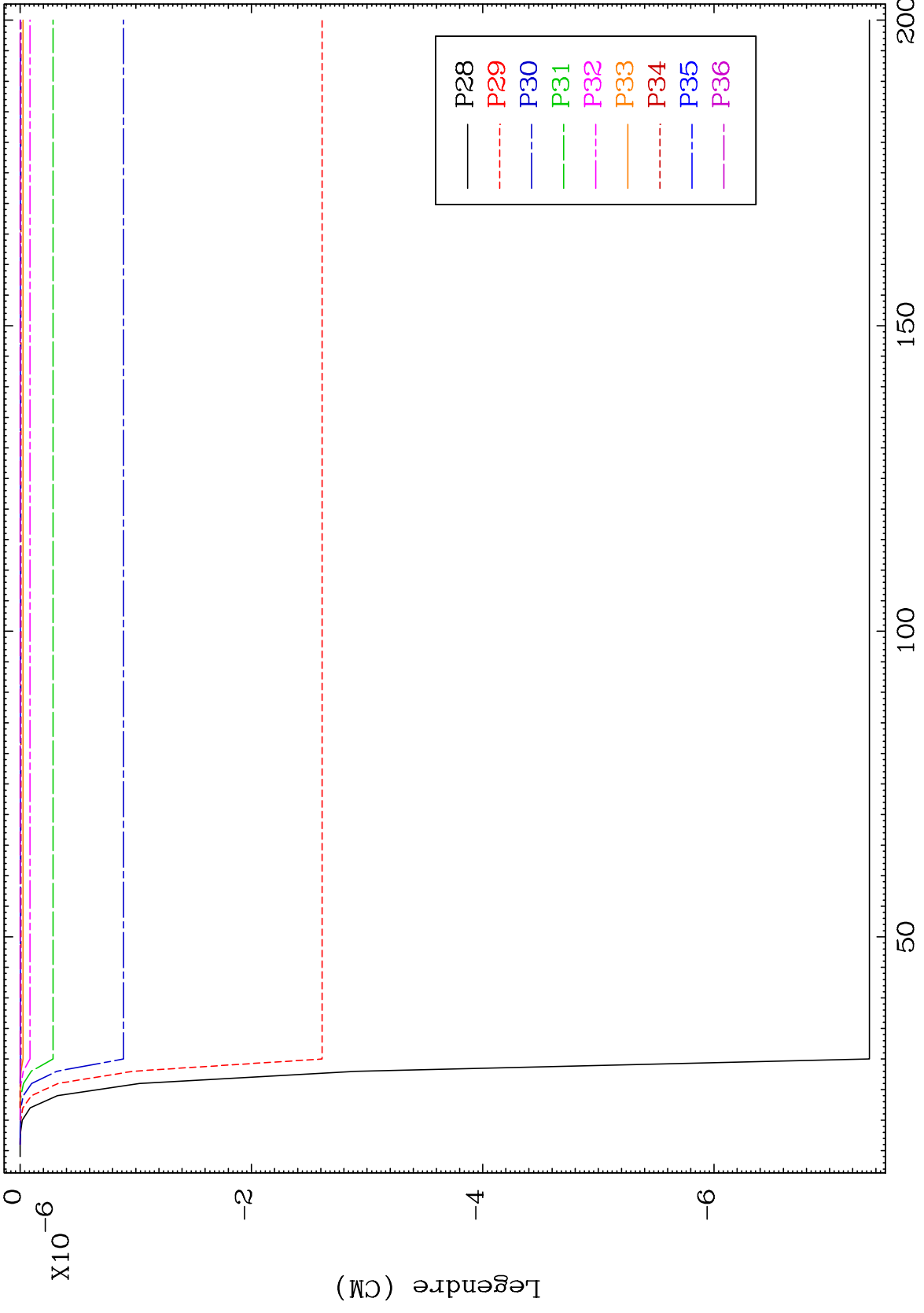


101

Incident Energy (MeV)

66-Dy-151

MAT 6610 MT= 71 (n,n') Level Legendre Coefficients 66-Dy-151

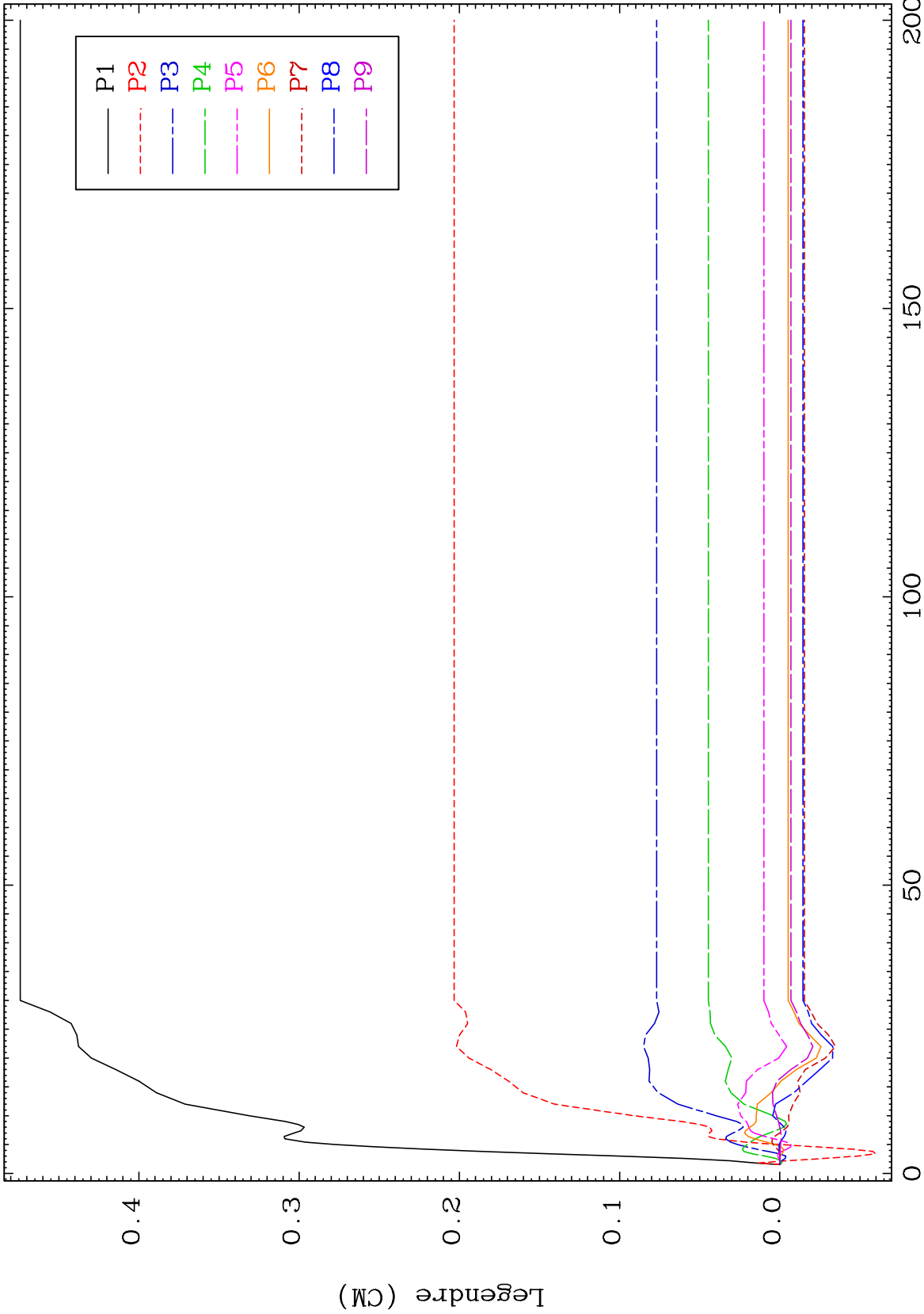


102 Incident Energy (MeV) 66-Dy-151

MAT 6610

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

66-Dy-151

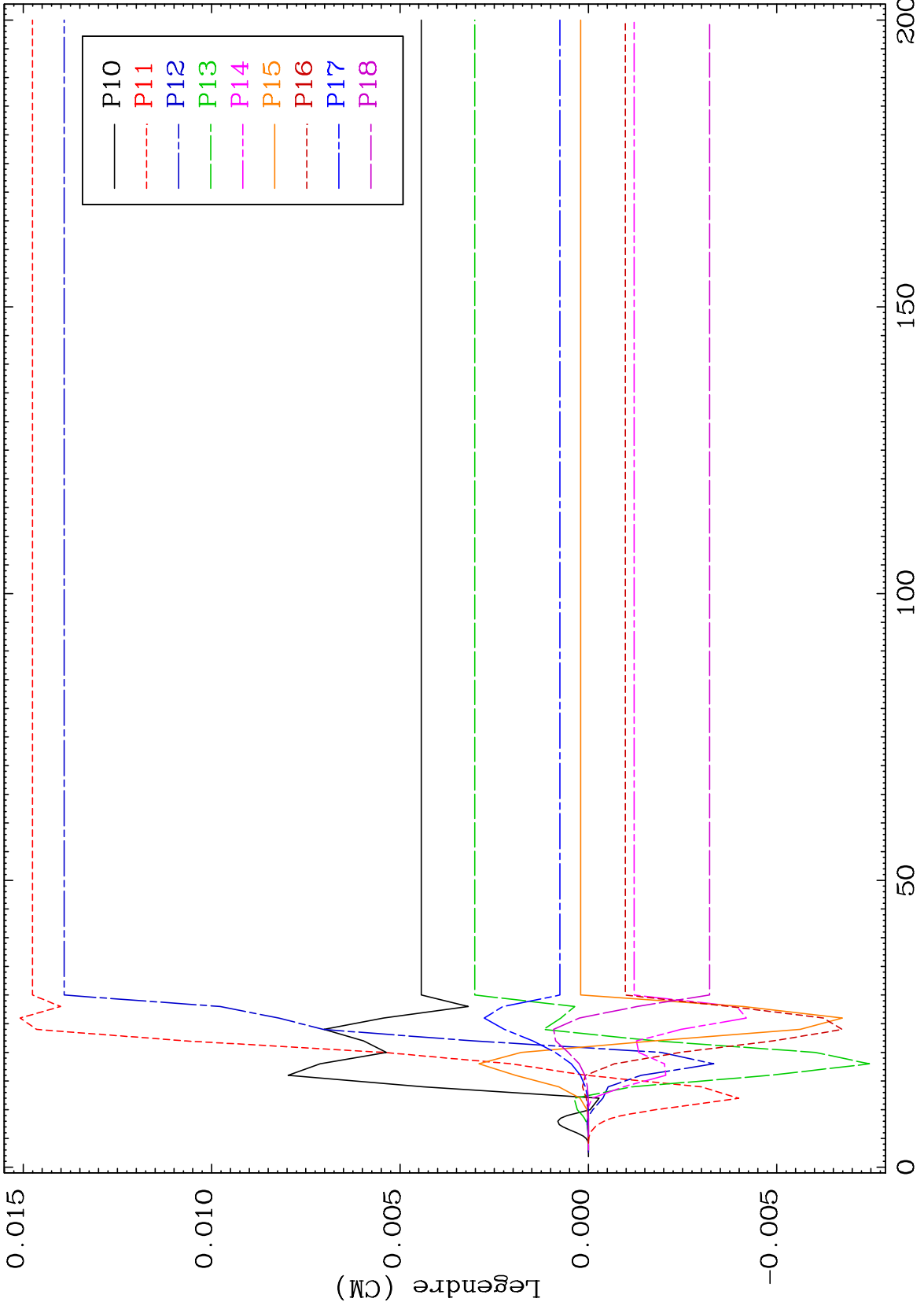


103

Incident Energy (MeV)

66-Dy-151

MAT 6610 MT= 72 (n,n') Level Legendre Coefficients 66-Dy-151

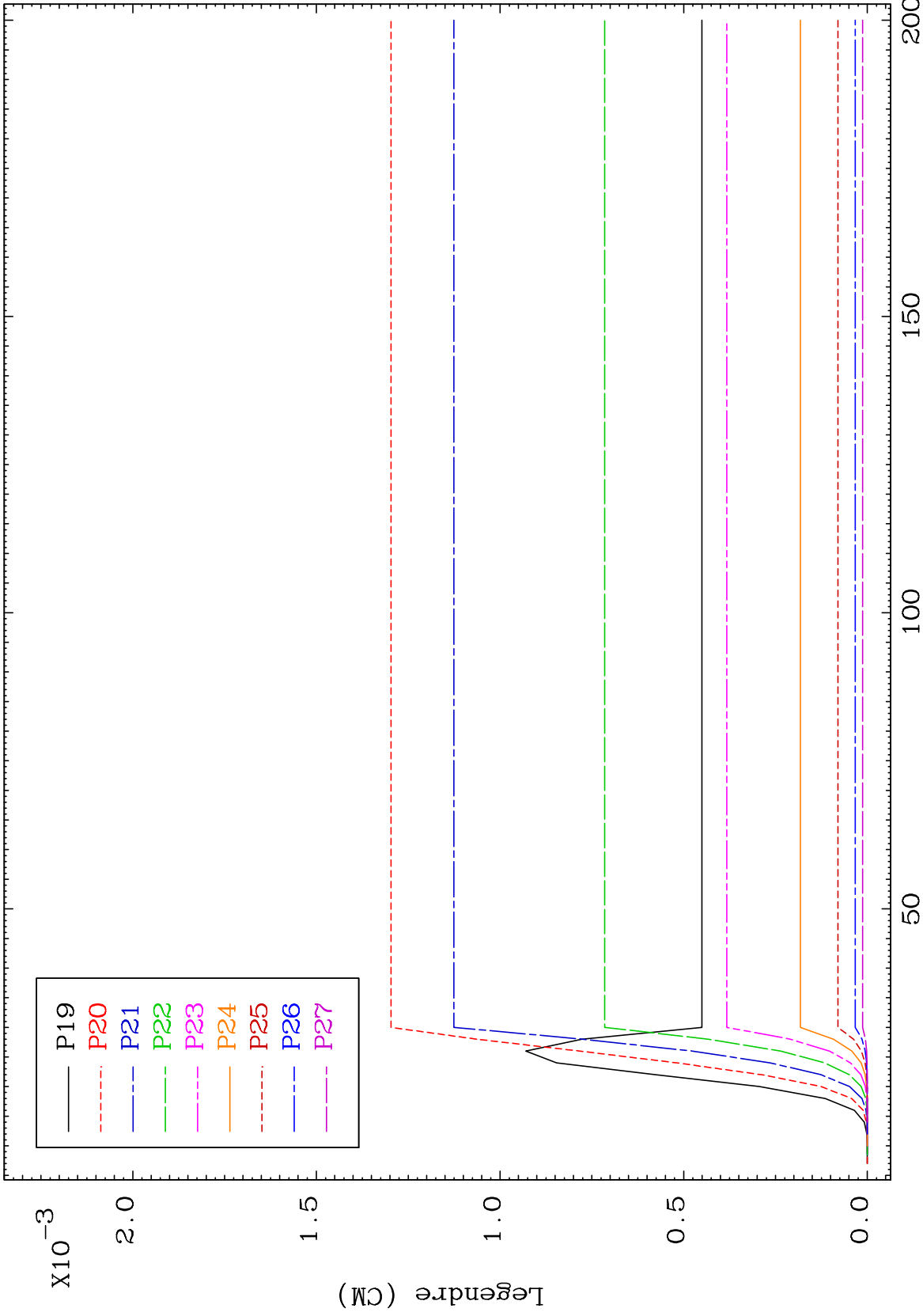


104 66-Dy-151

MAT 6610

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

66-Dy-151



105

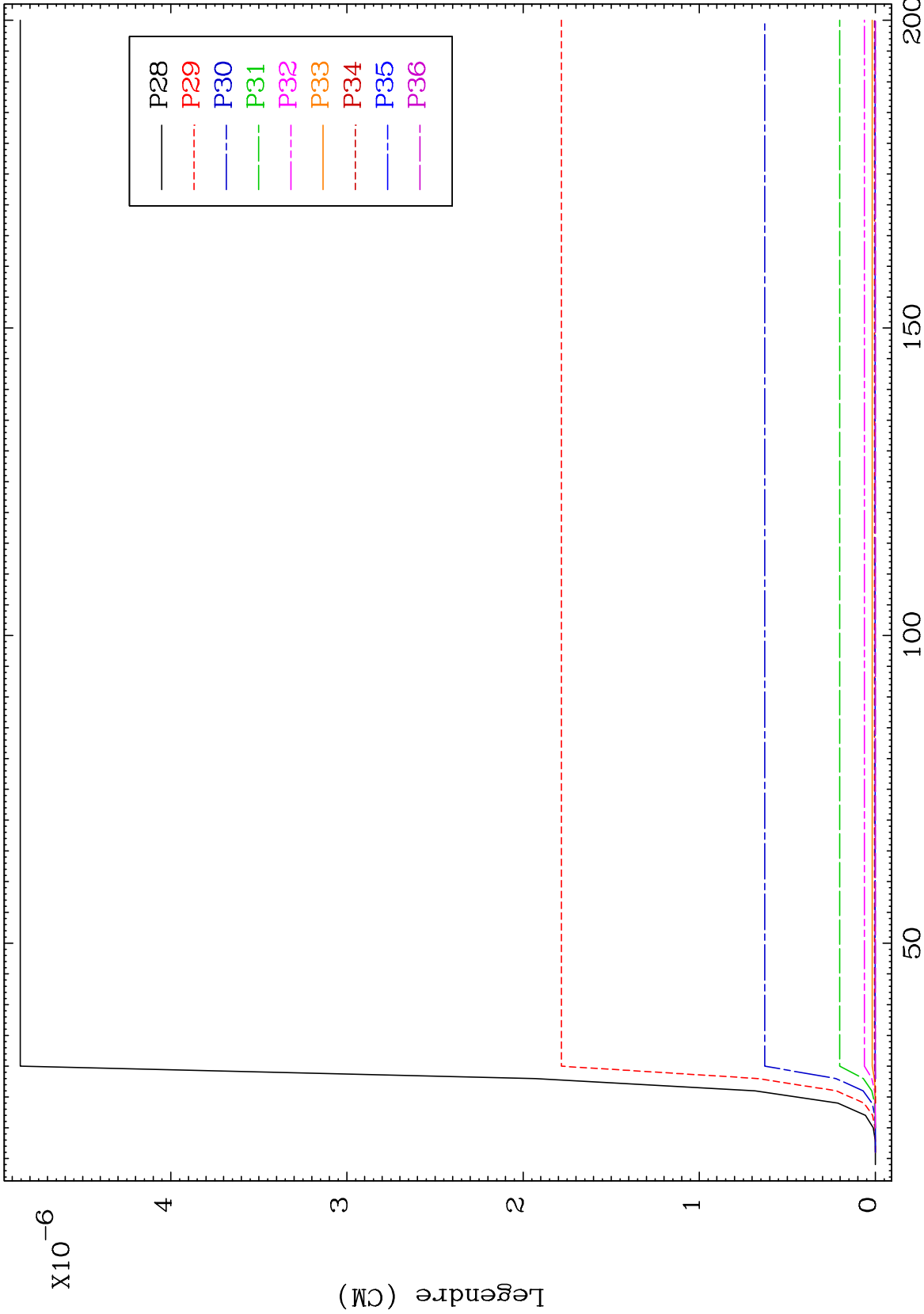
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



106

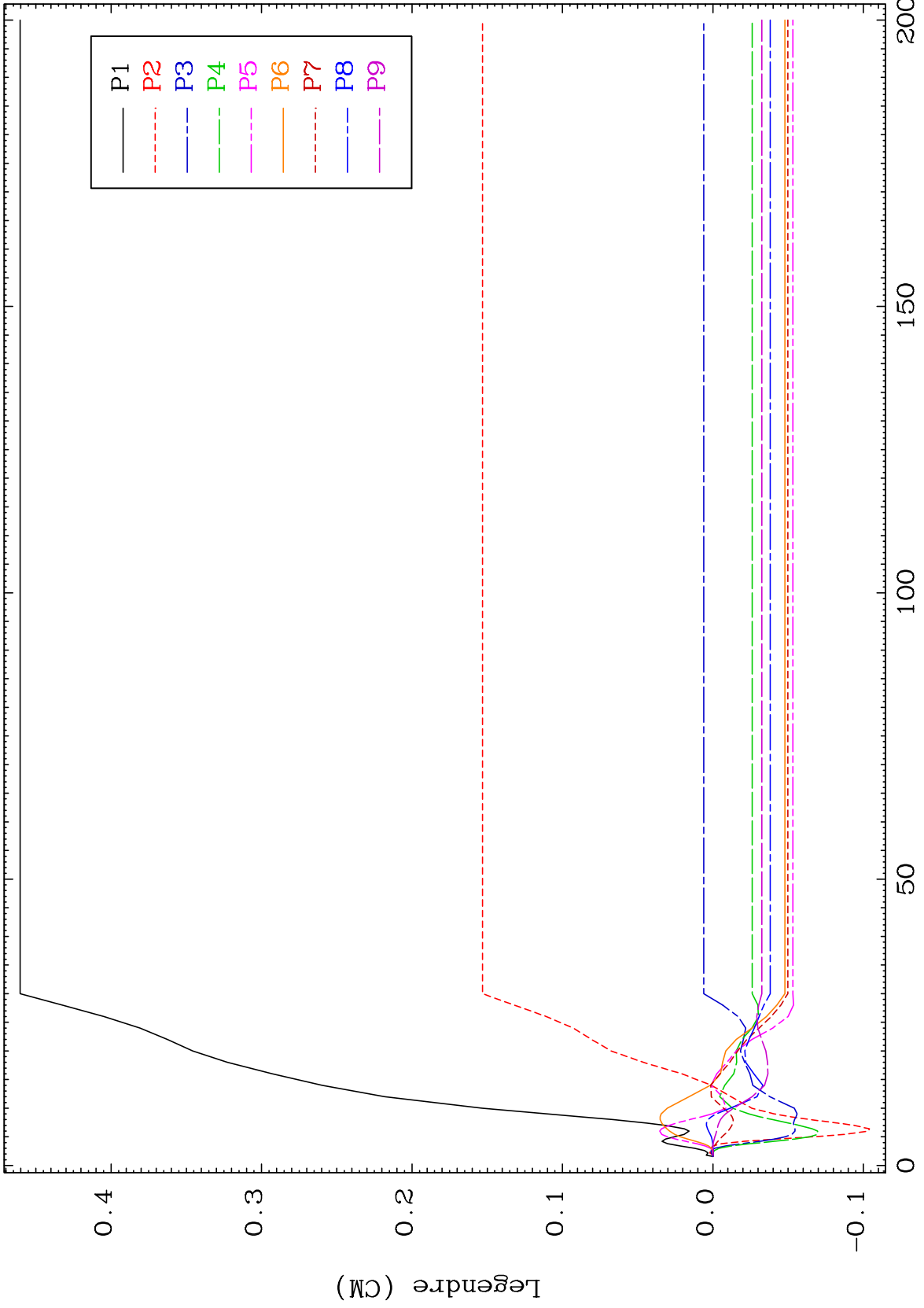
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



107

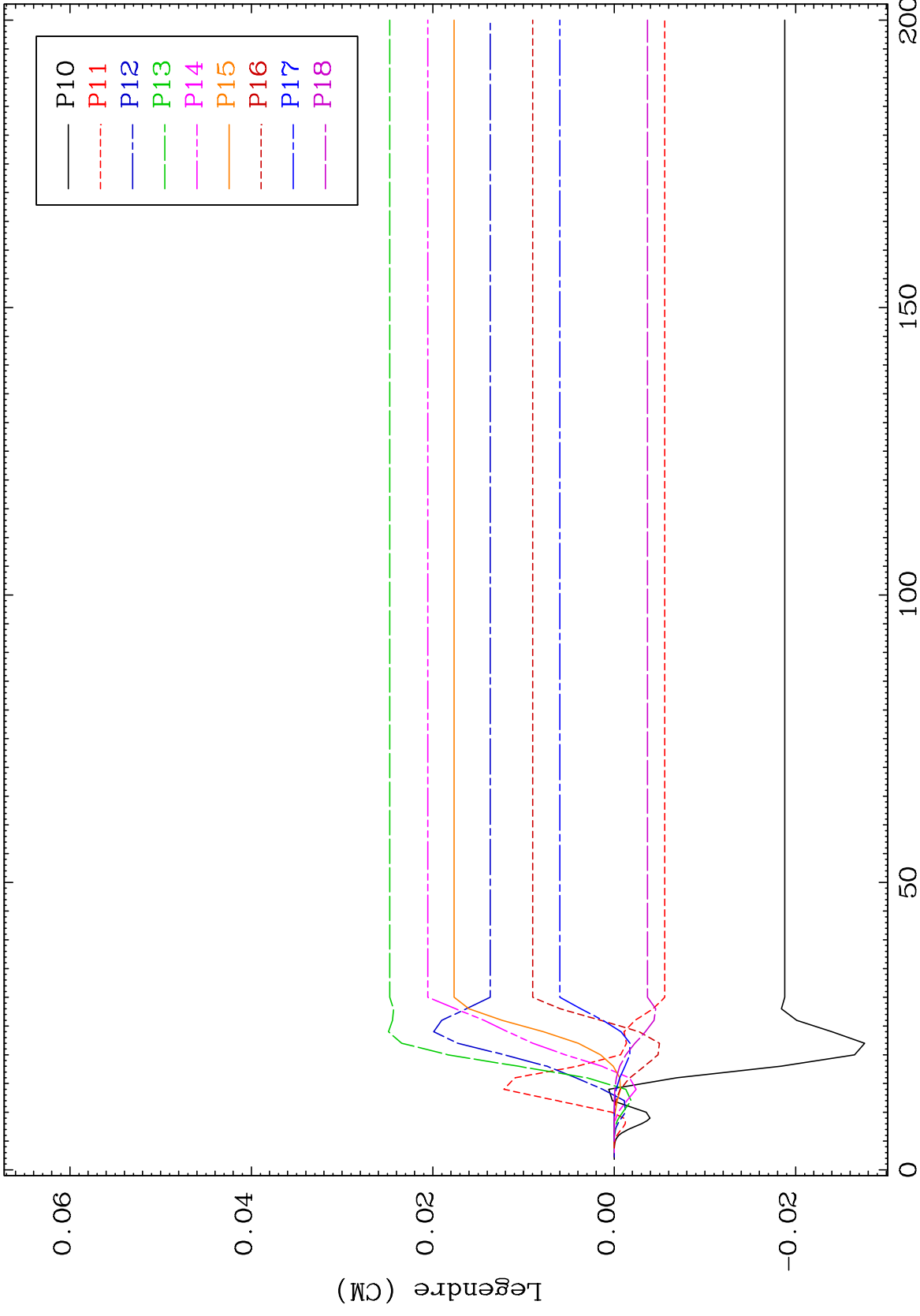
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



108

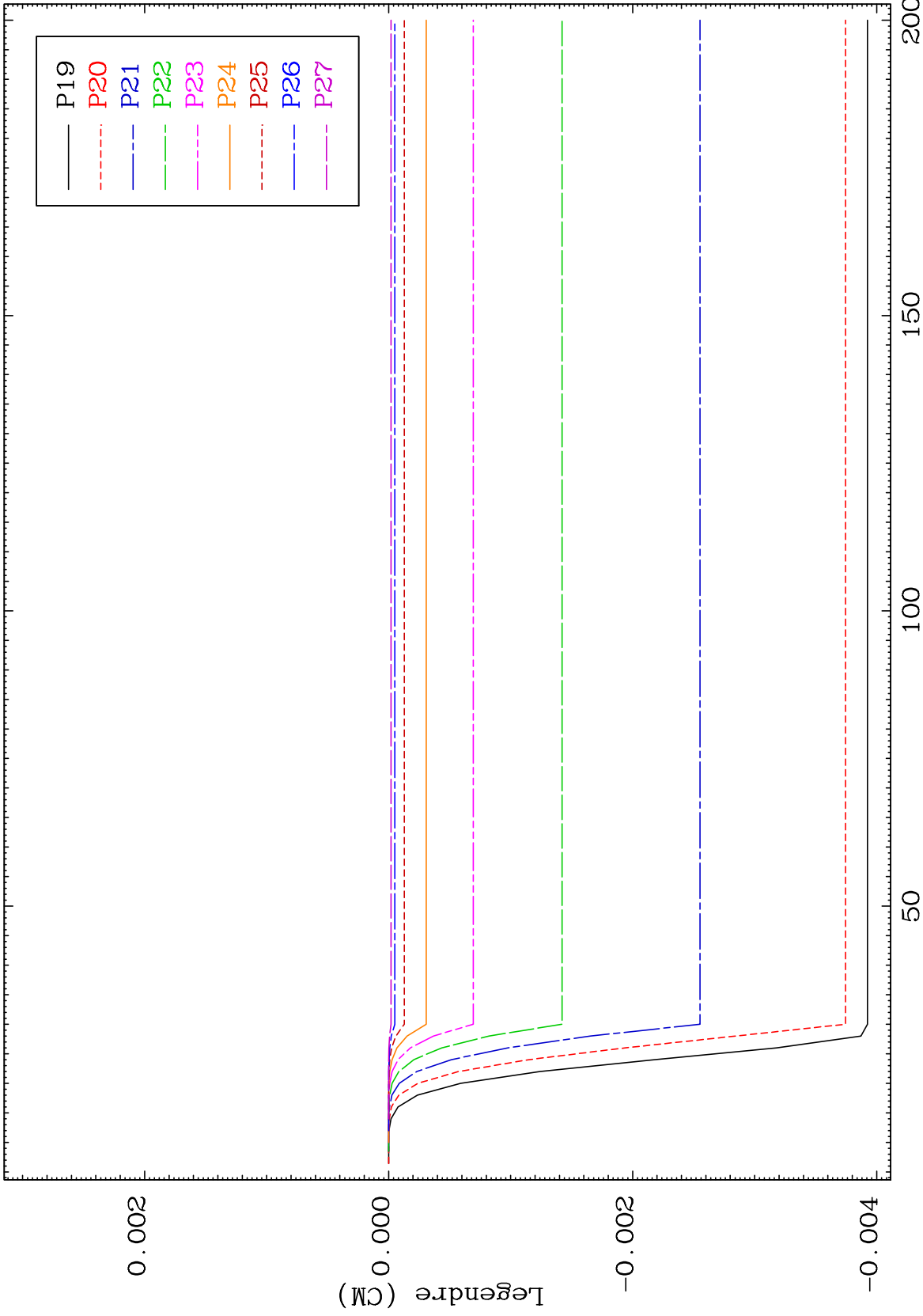
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

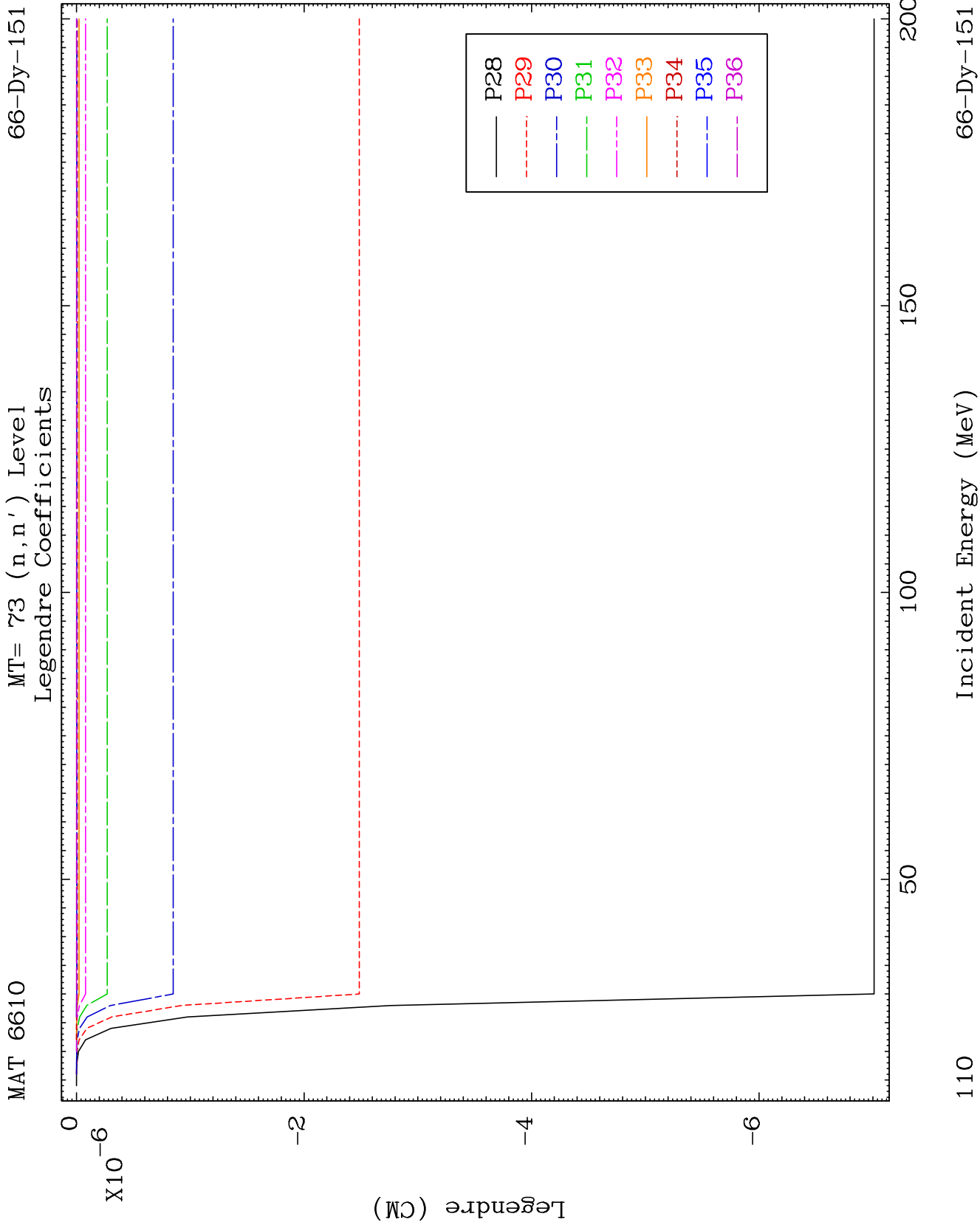
66-Dy-151



109

Incident Energy (MeV)

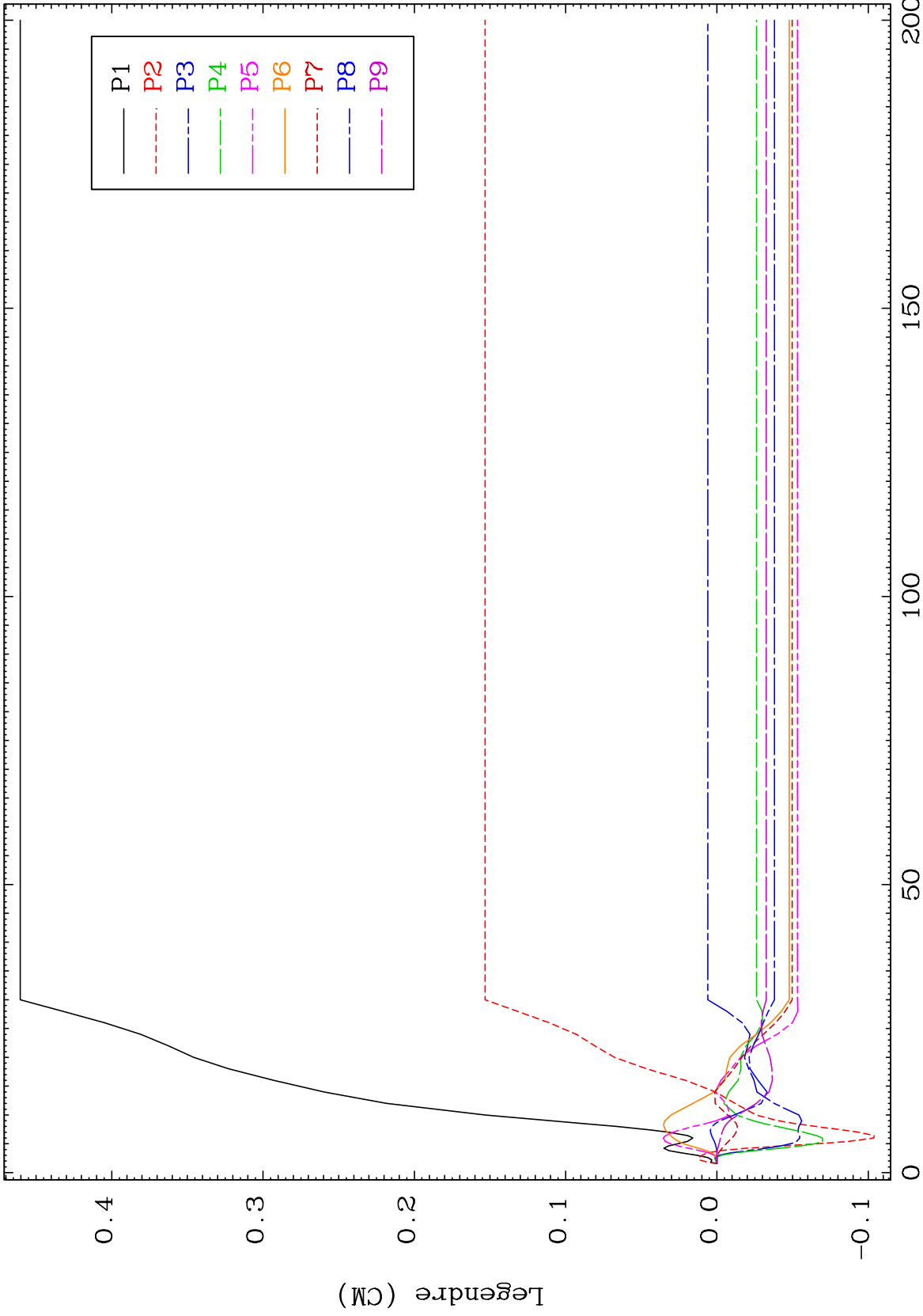
66-Dy-151



MAT 6610

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

66-Dy-151

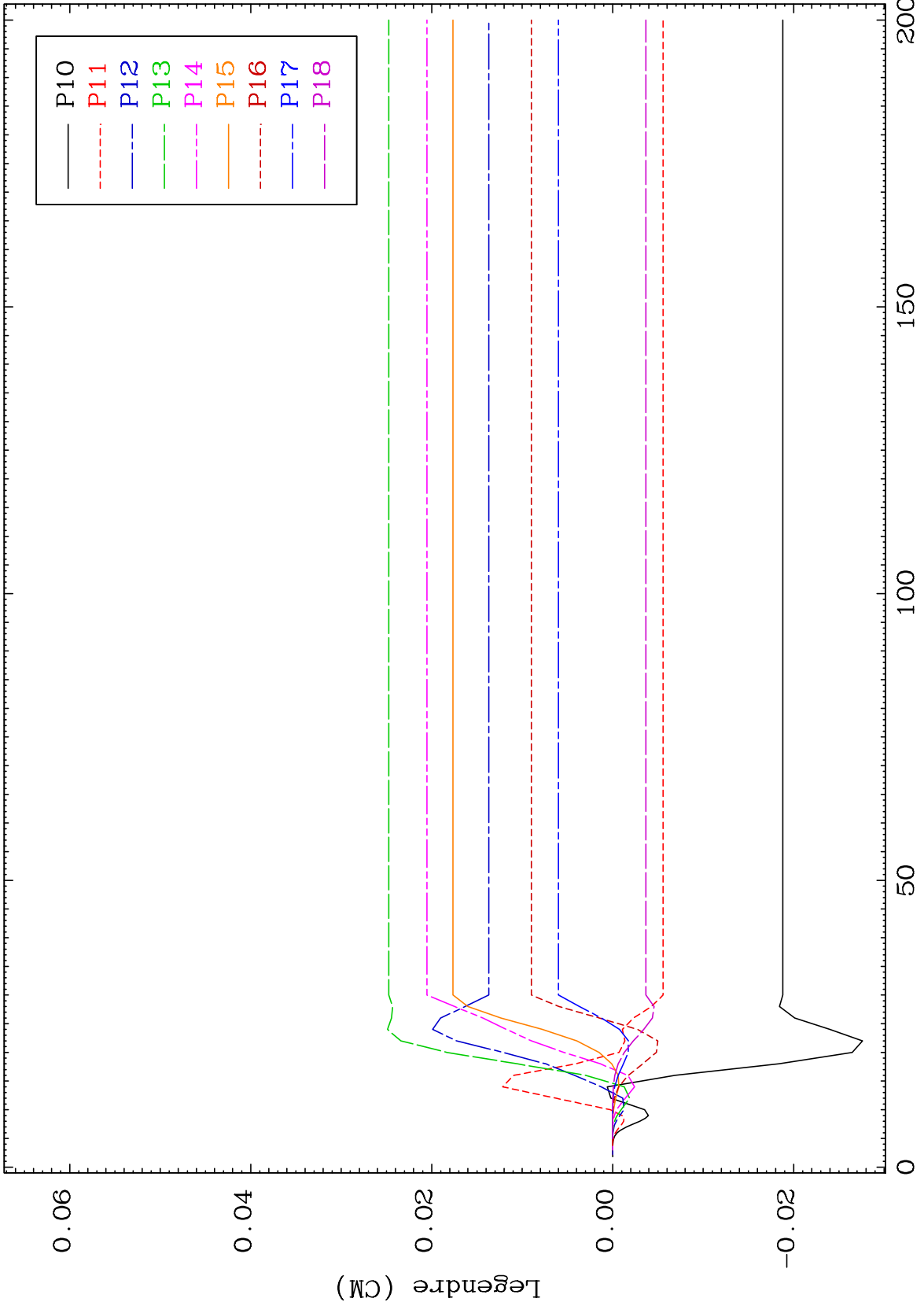


111

Incident Energy (MeV)

66-Dy-151

MAT 6610 MT= 74 (n,n') Level Legendre Coefficients 66-Dy-151

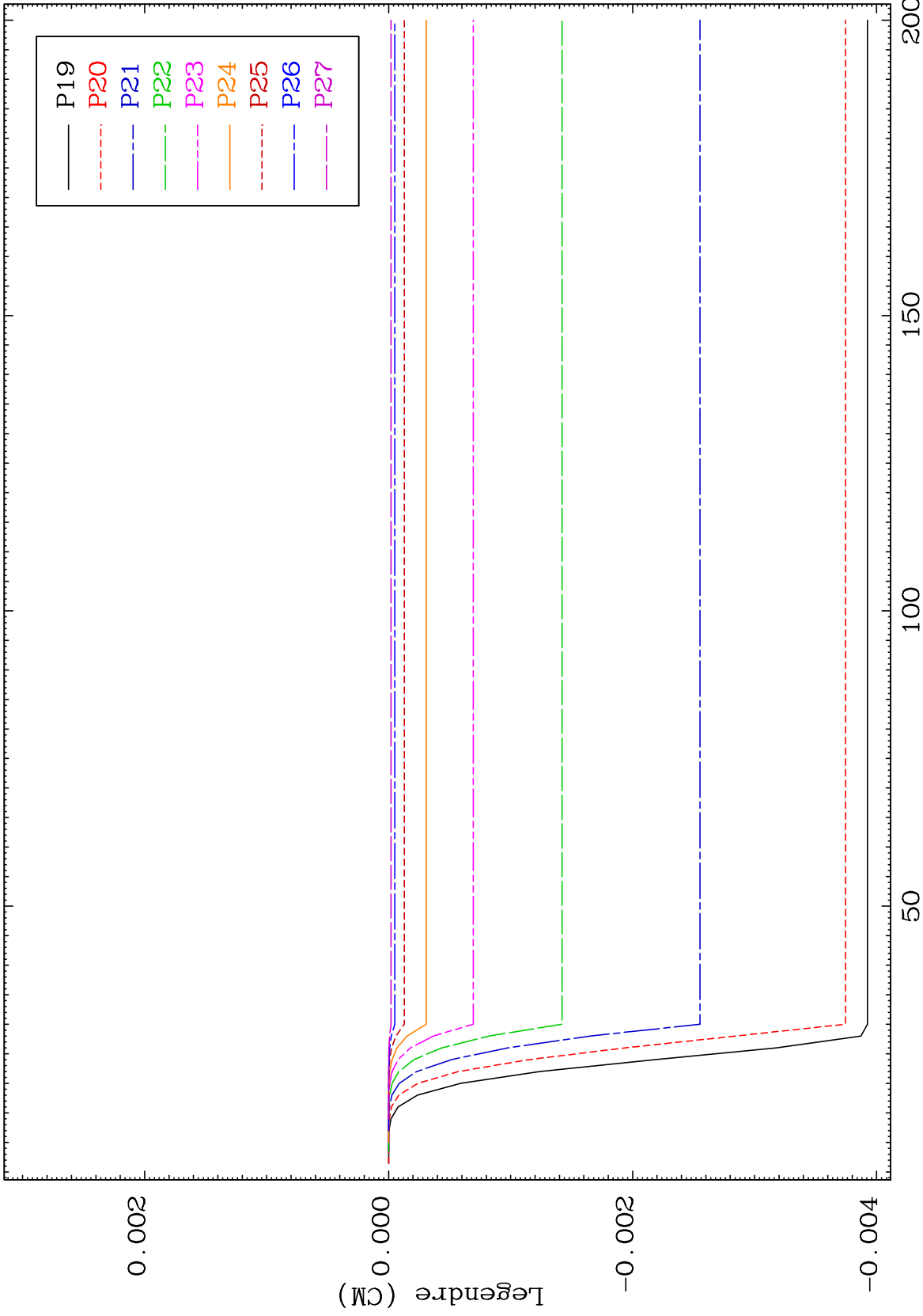


112 66-Dy-151

MAT 6610

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

66-Dy-151

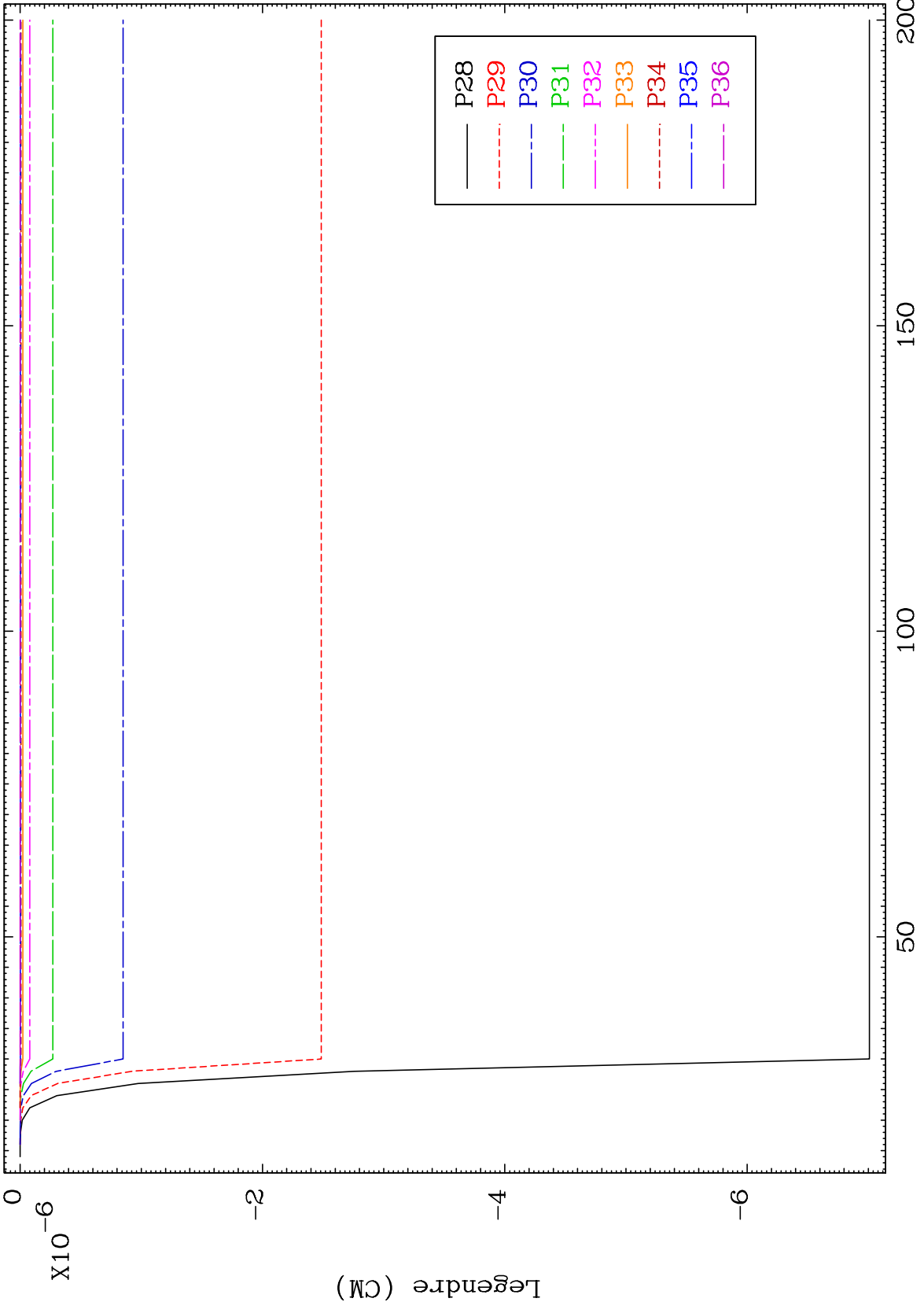


113

Incident Energy (MeV)

66-Dy-151

MAT 6610 MT= 74 (n,n') Level Legendre Coefficients 66-Dy-151

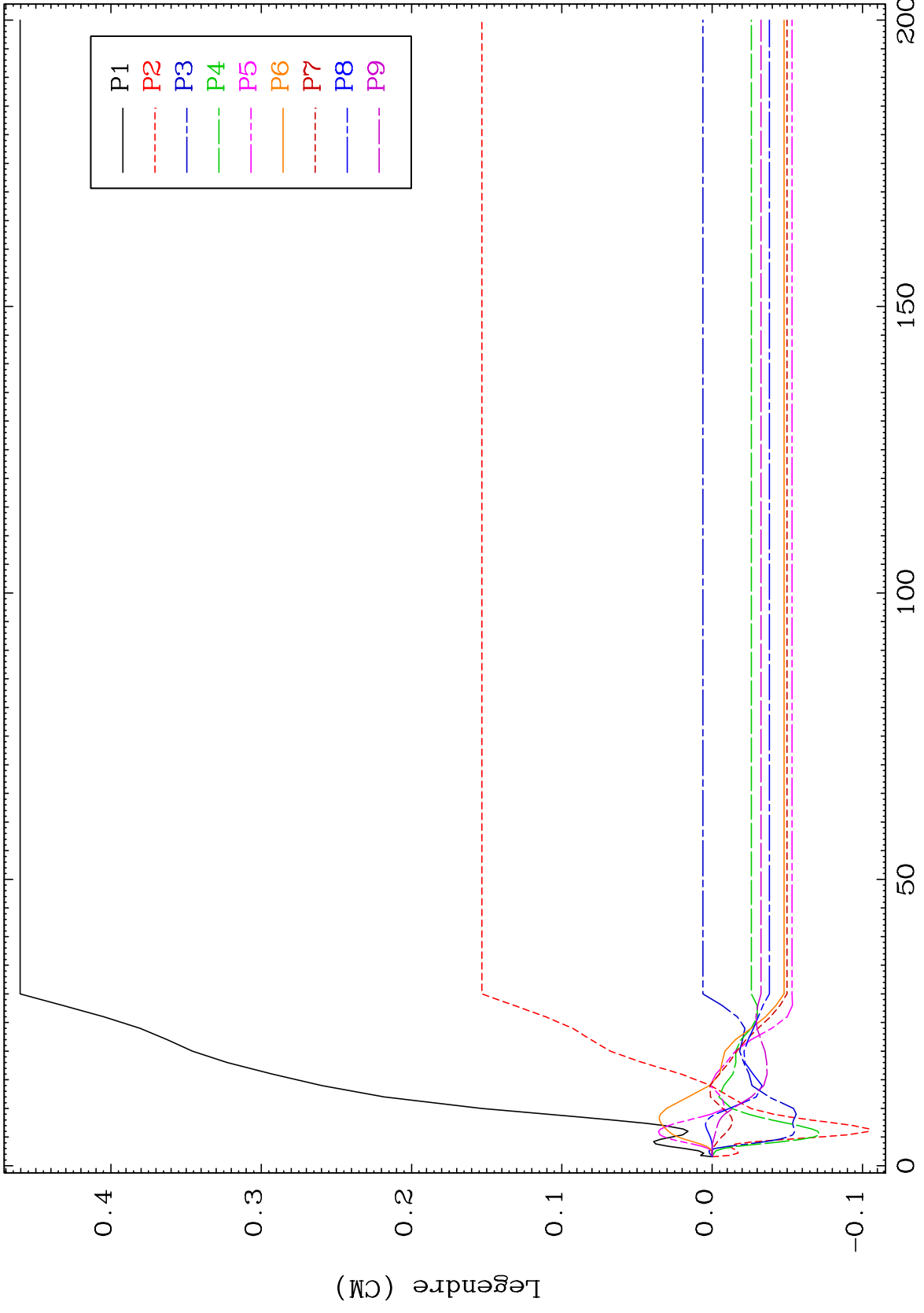


114 66-Dy-151

MAT 6610

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

66-Dy-151



115

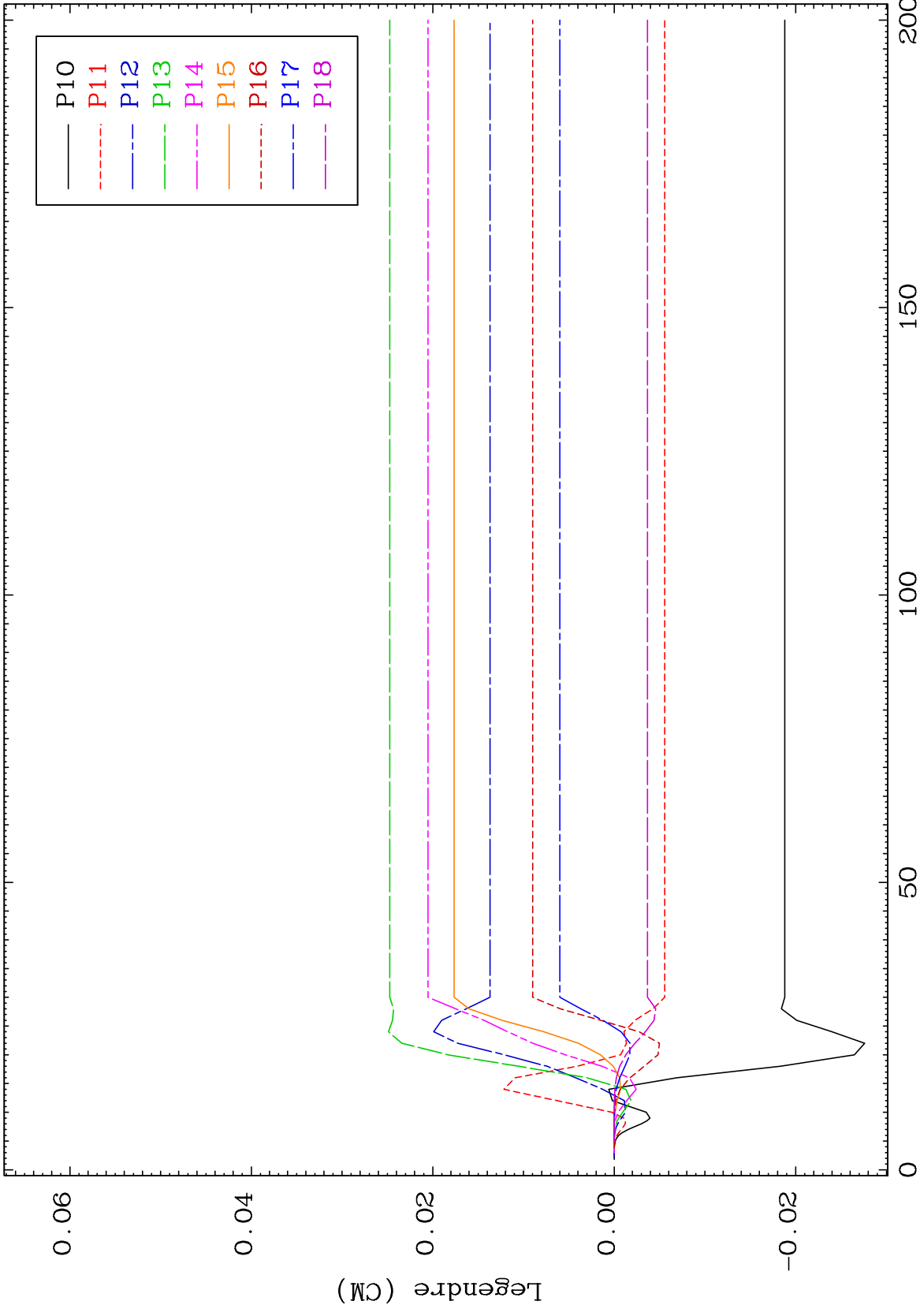
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



116

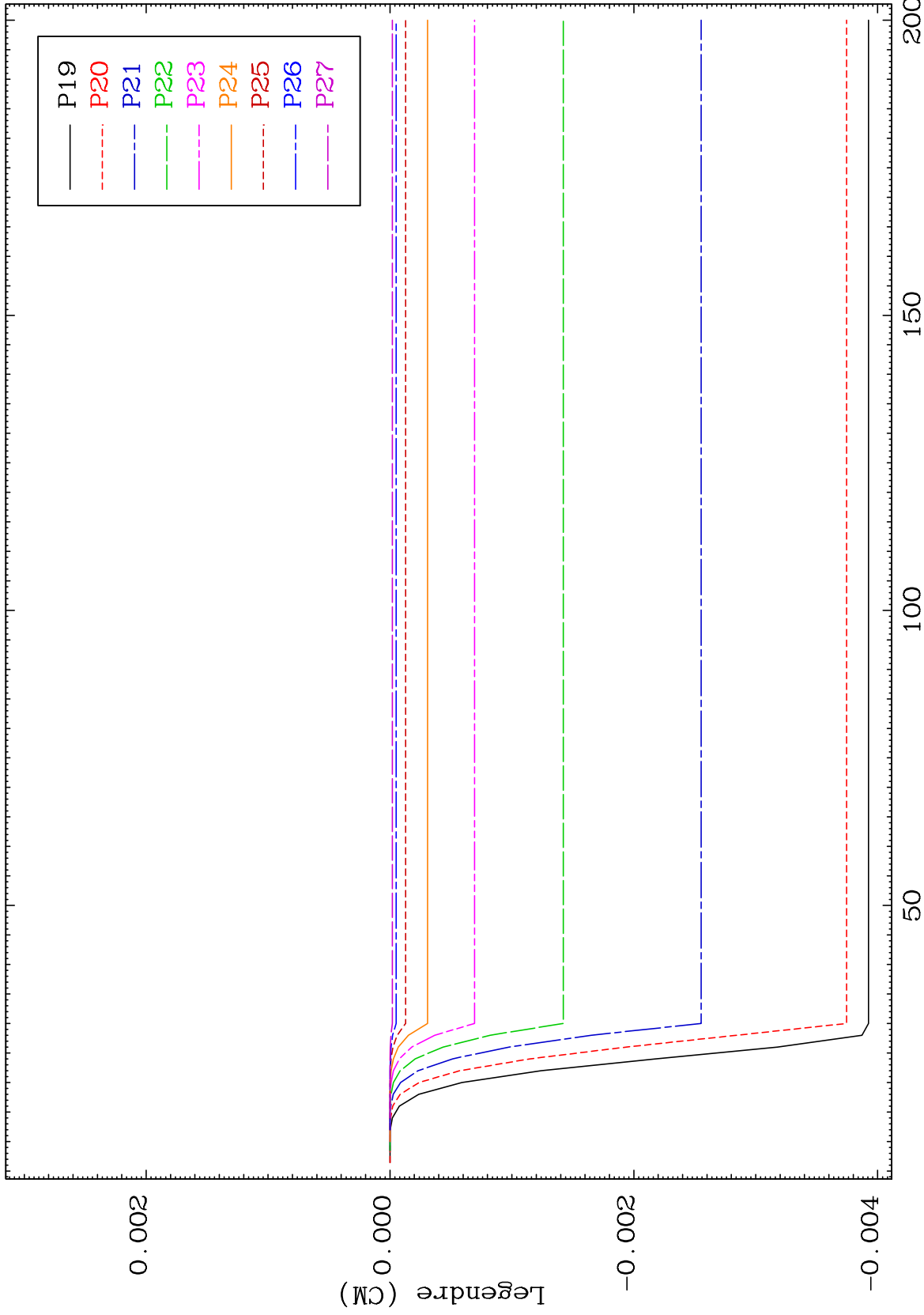
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



117

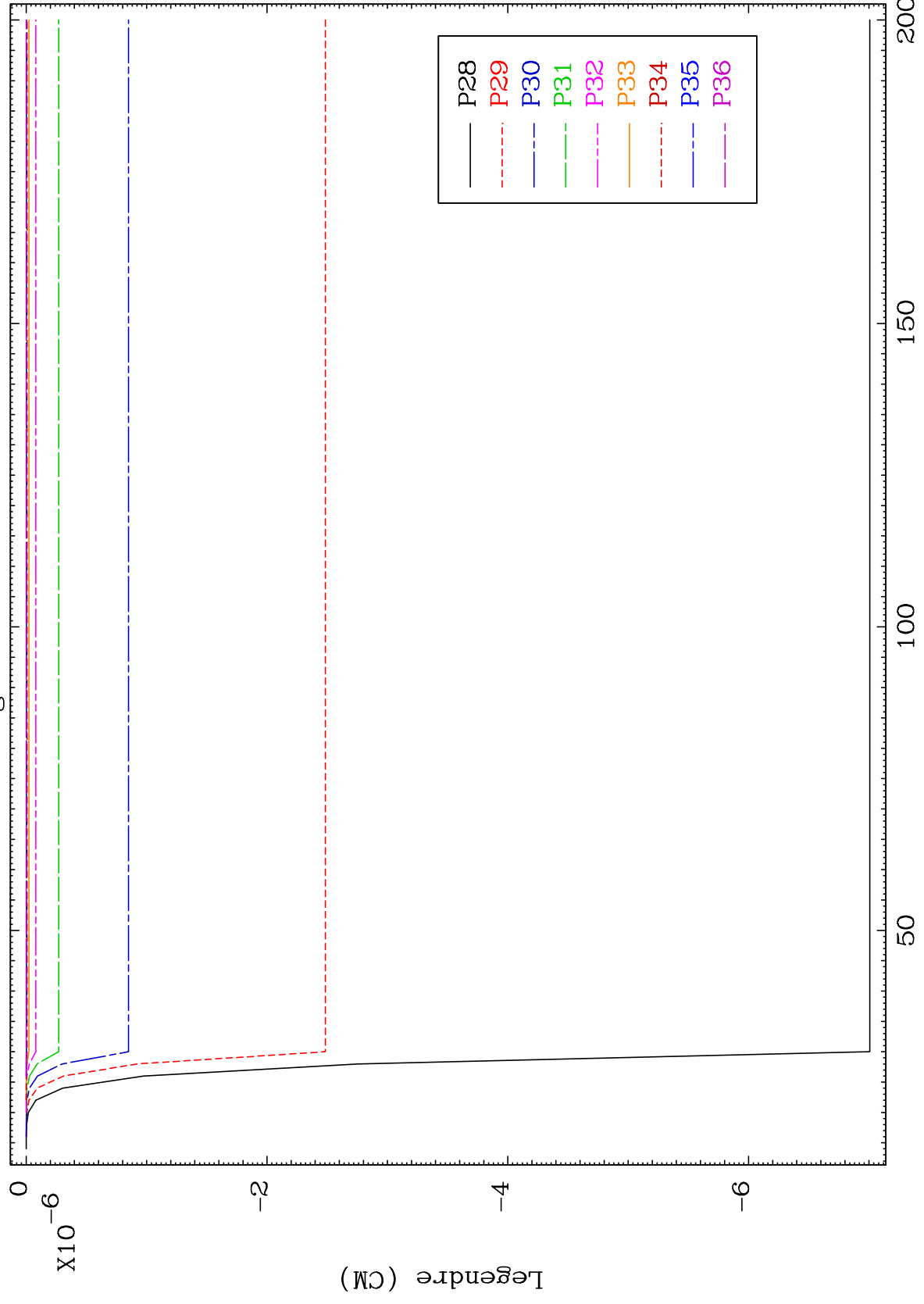
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



66-Dy-151

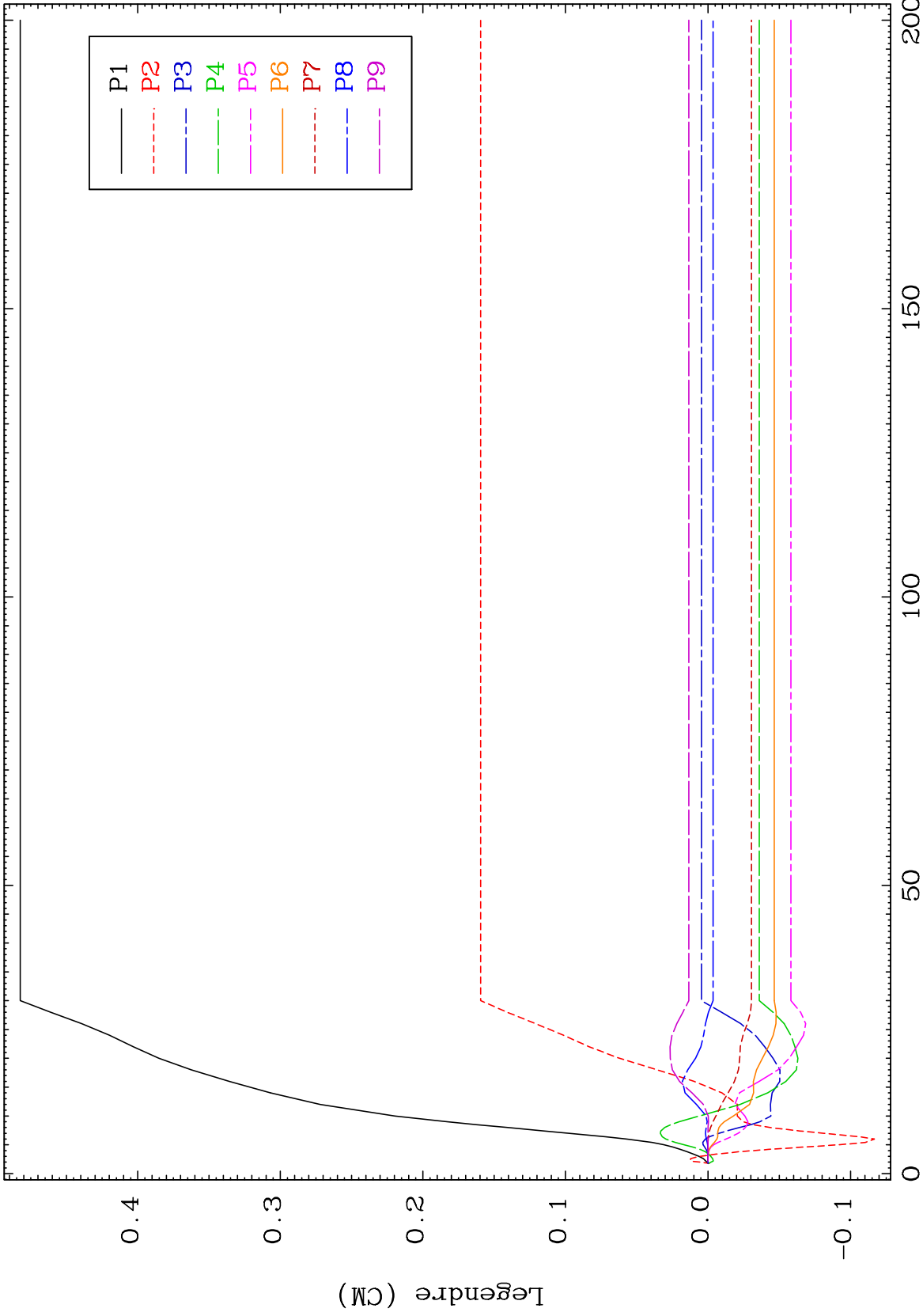
Incident Energy (MeV)

118

MAT 6610

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

66-Dy-151

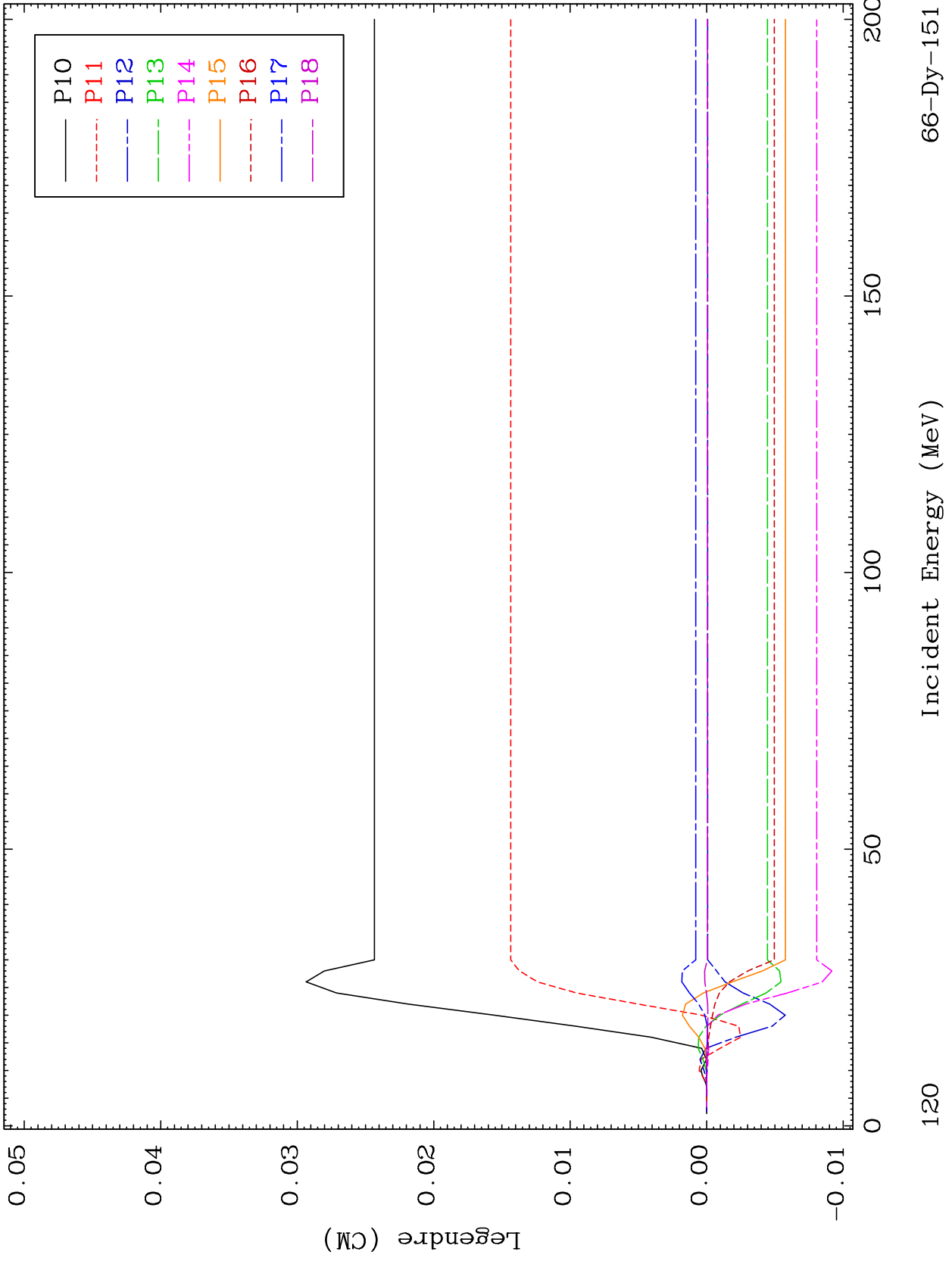


119

Incident Energy (MeV)

66-Dy-151

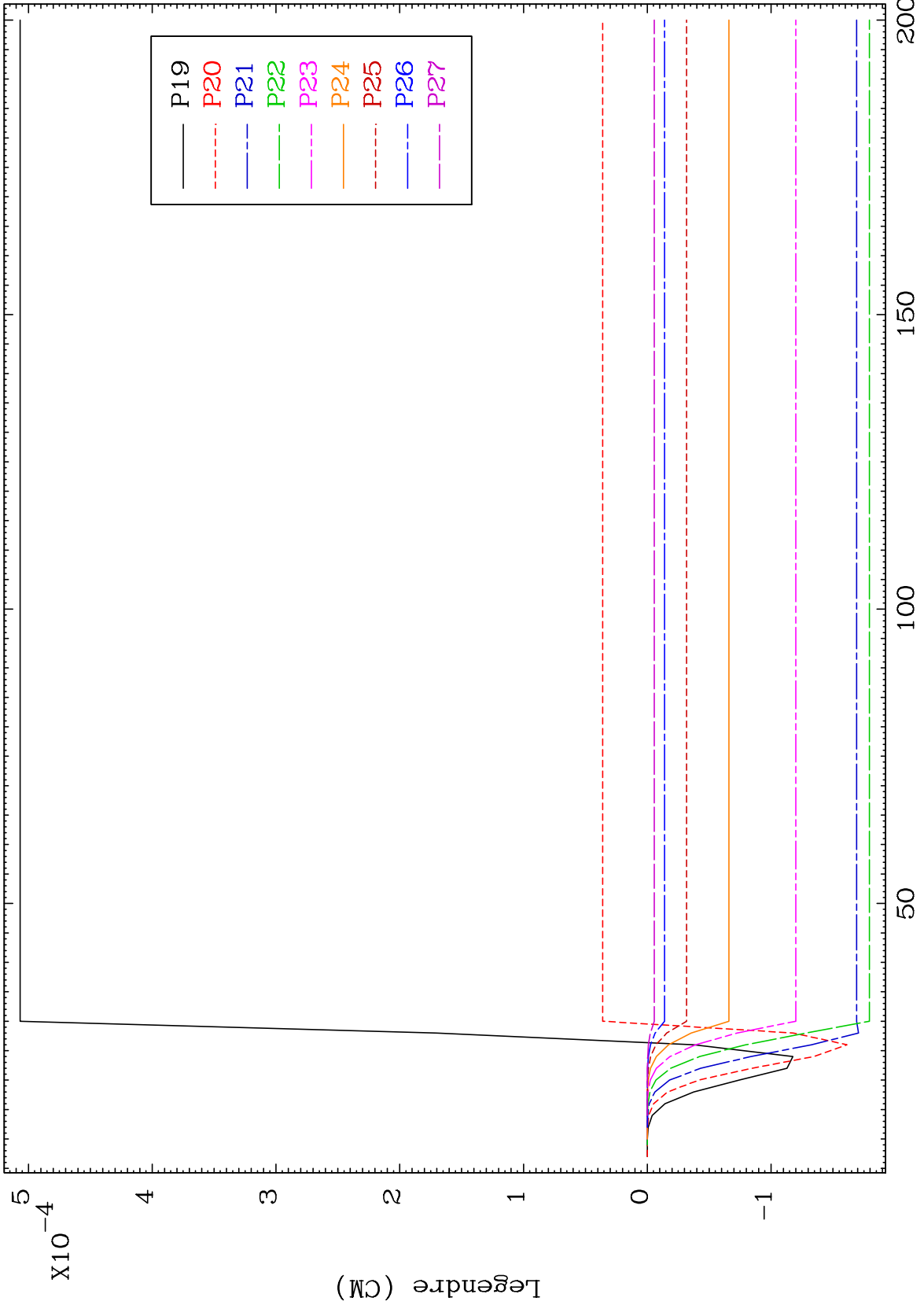
MAT 6610 MT= 76 (n,n') Level Legendre Coefficients 66-Dy-151



MAT 6610

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

66-Dy-151



121

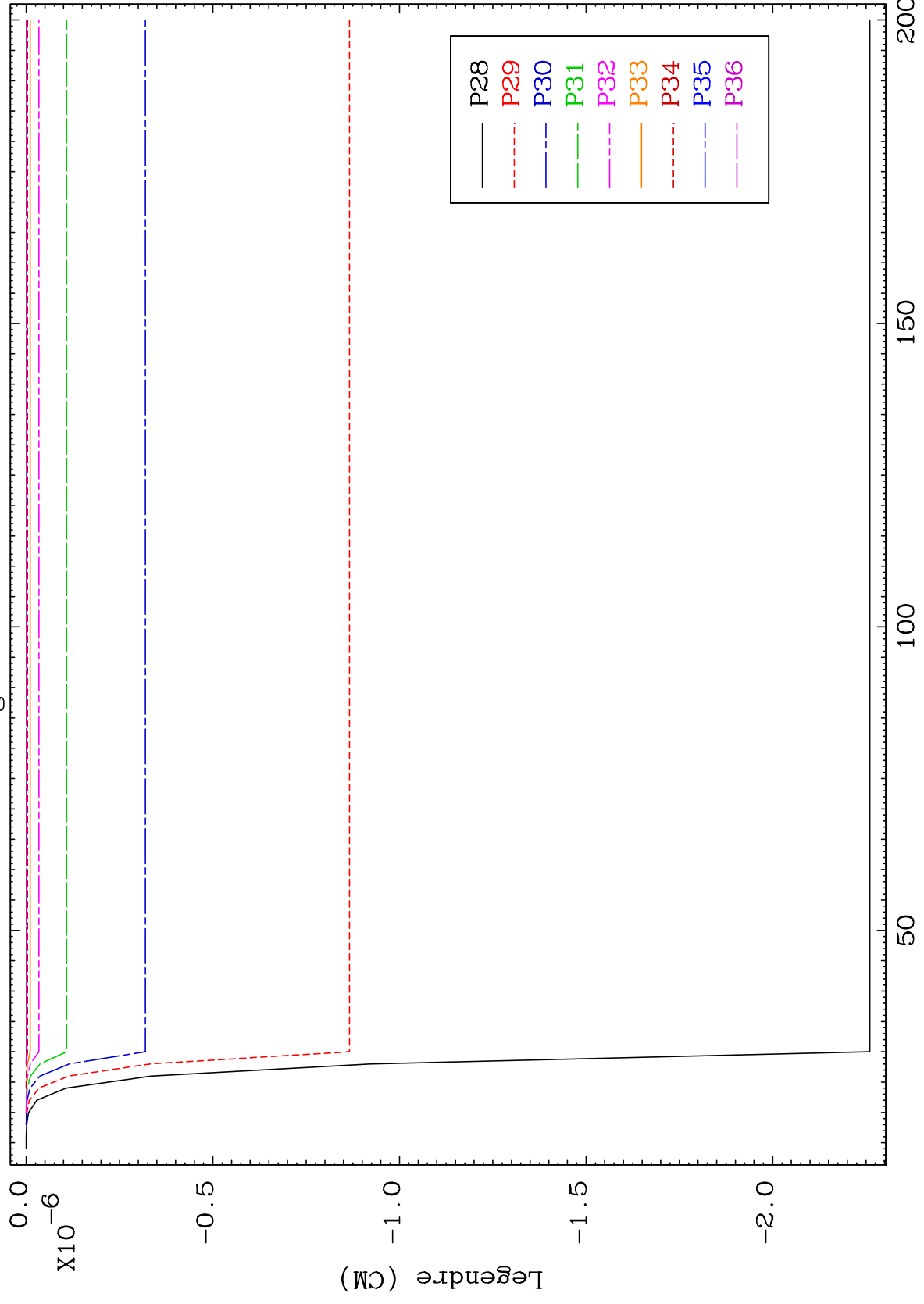
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



66-Dy-151

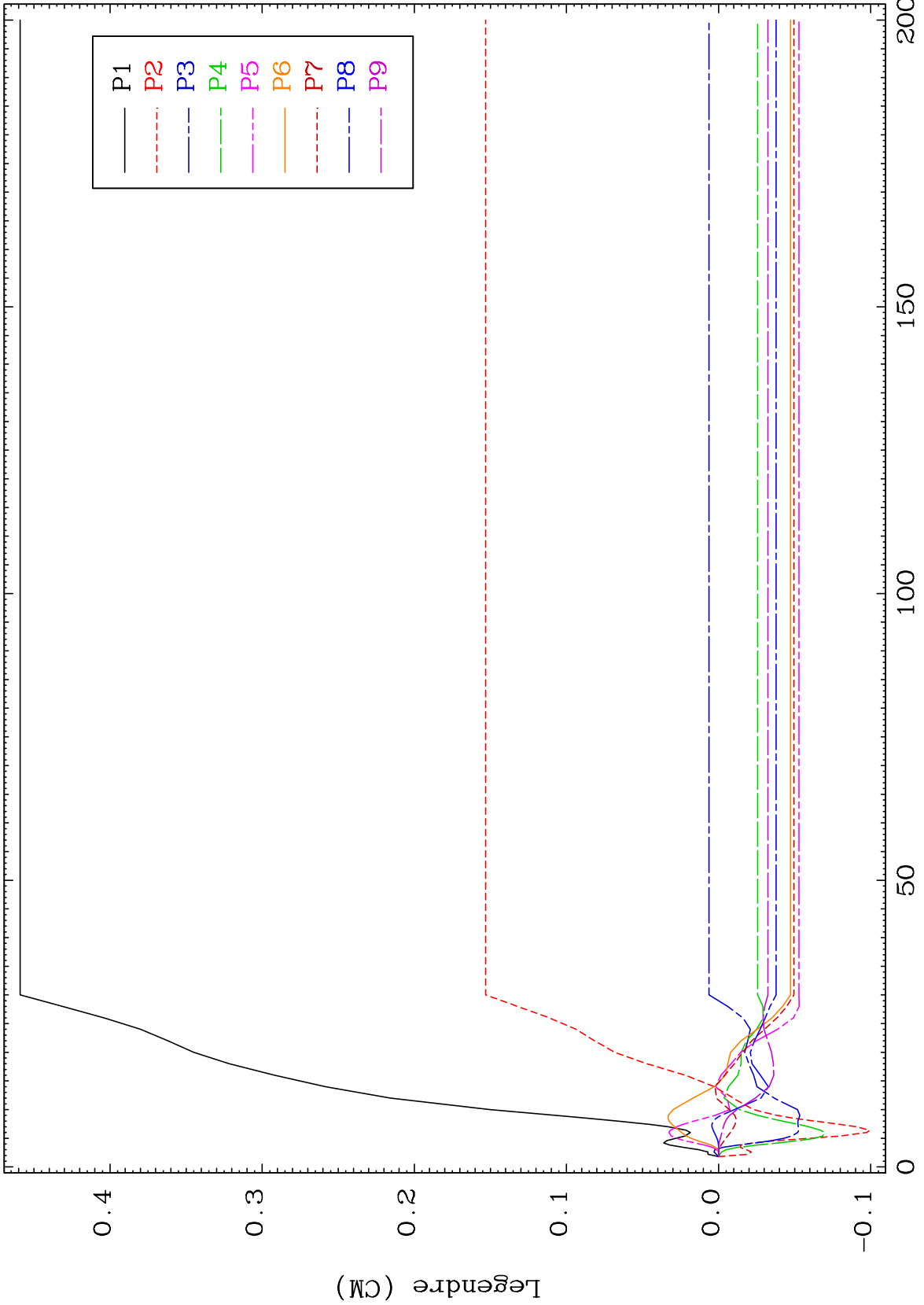
Incident Energy (MeV)

122

MAT 6610

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

66-Dy-151



123

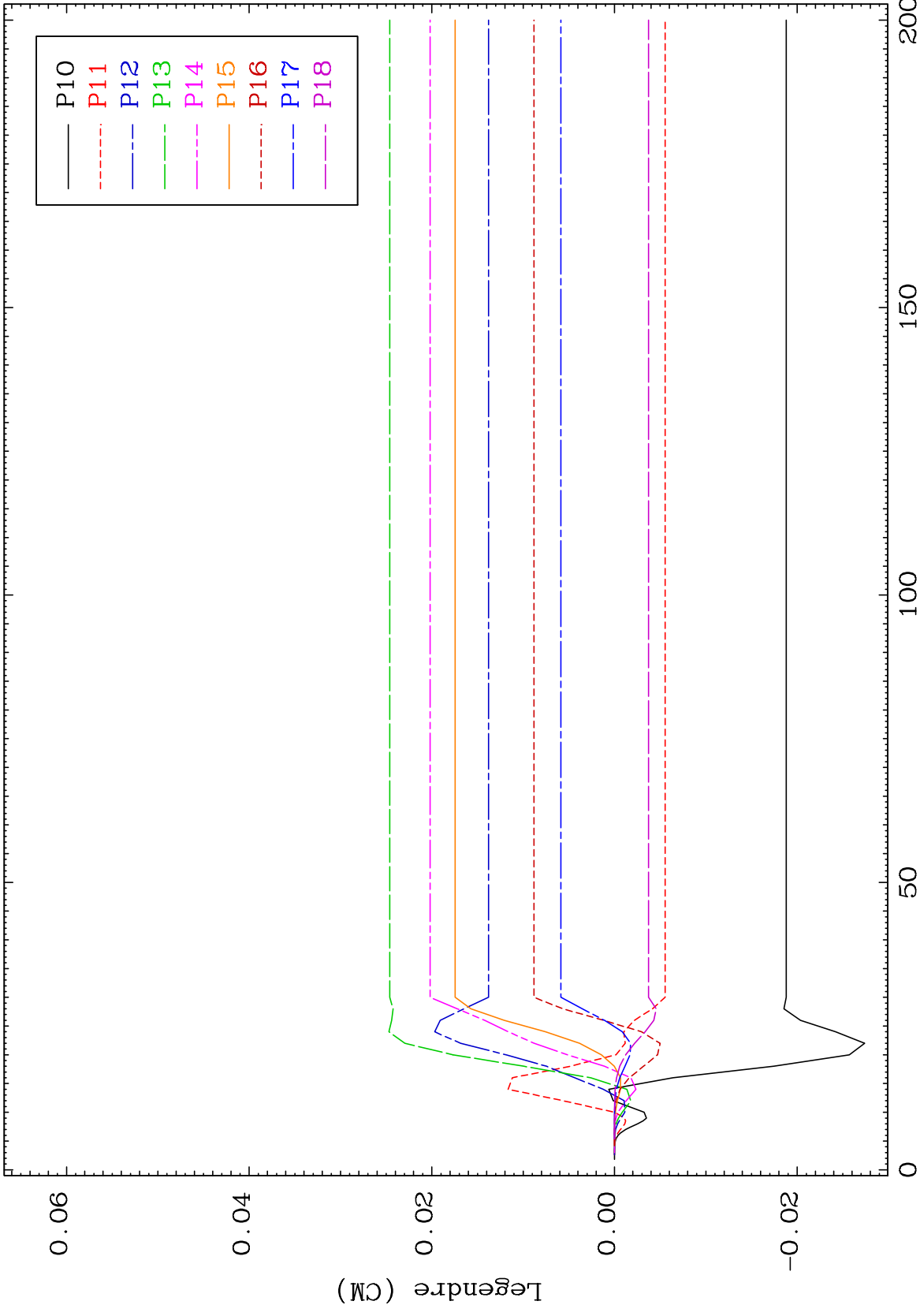
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



124

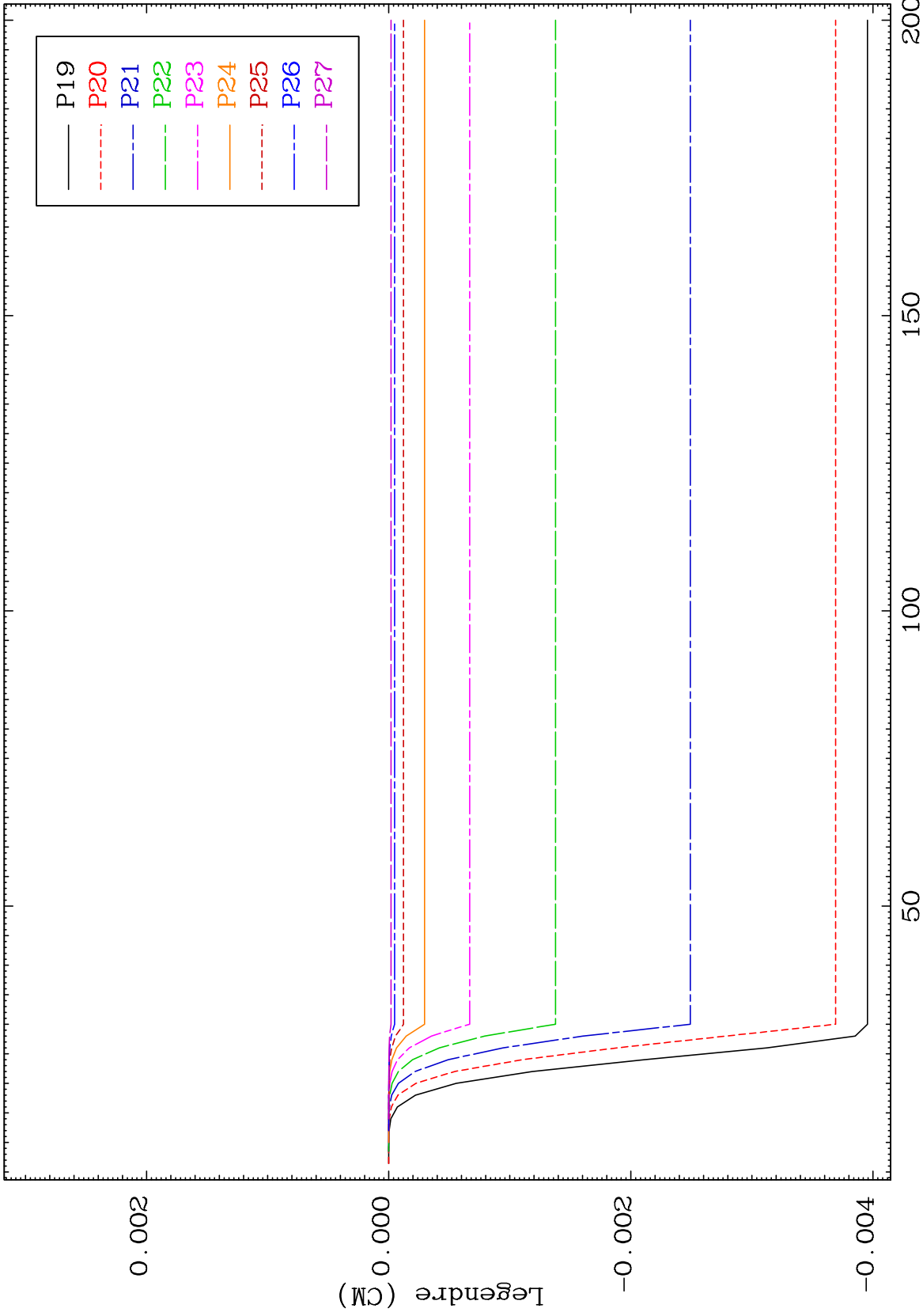
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

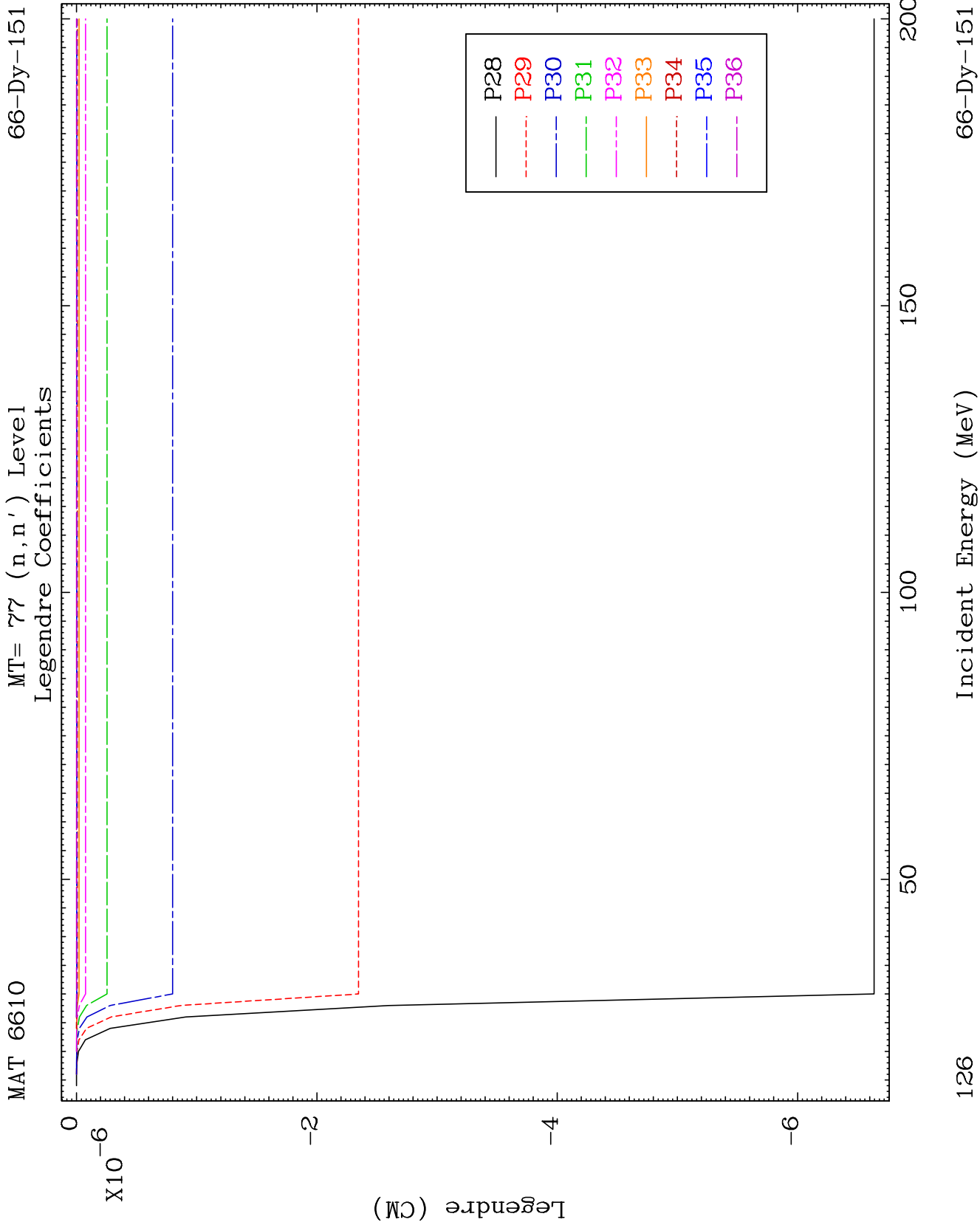
66-Dy-151



125

Incident Energy (MeV)

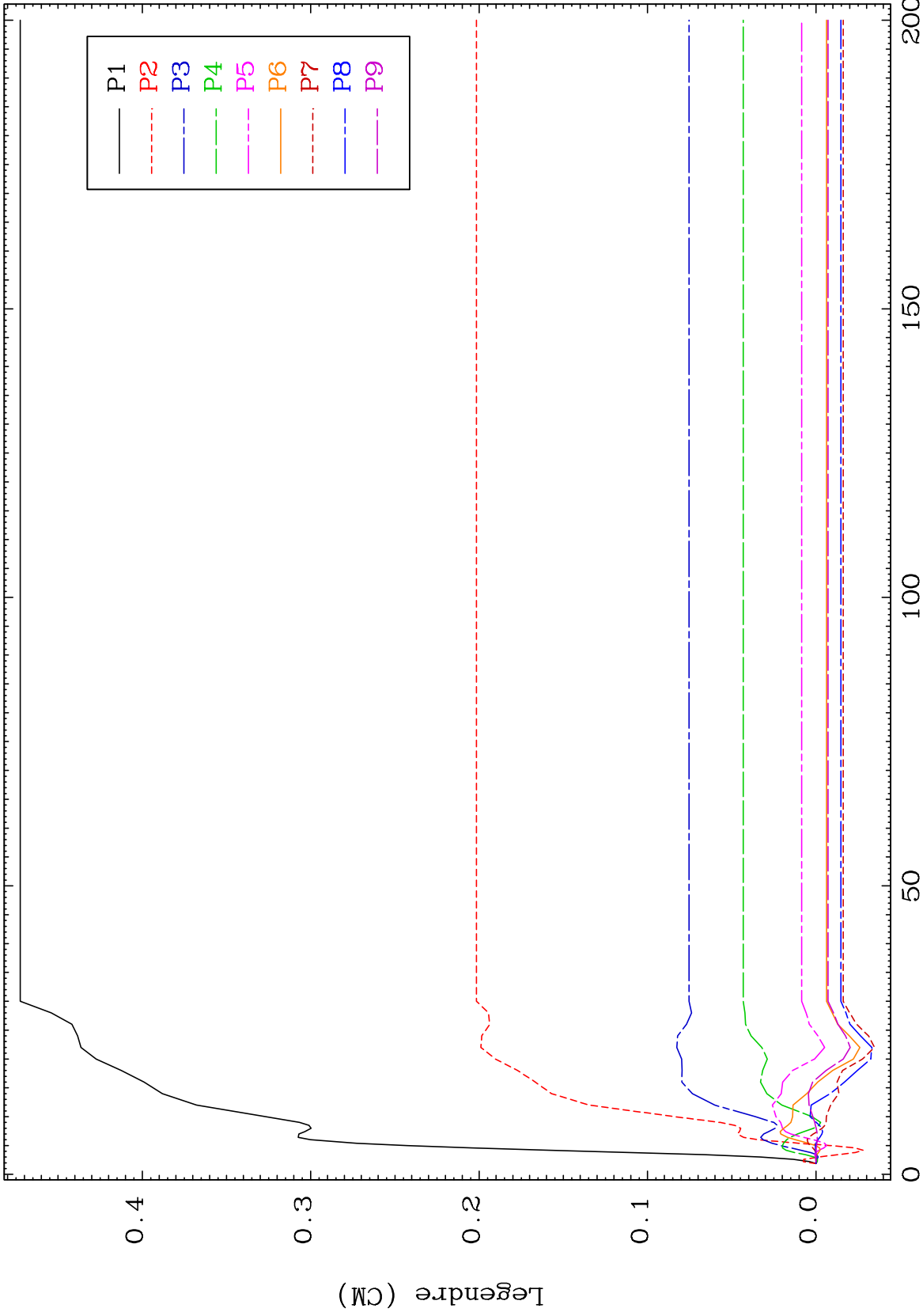
66-Dy-151



MAT 6610

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

66-Dy-151

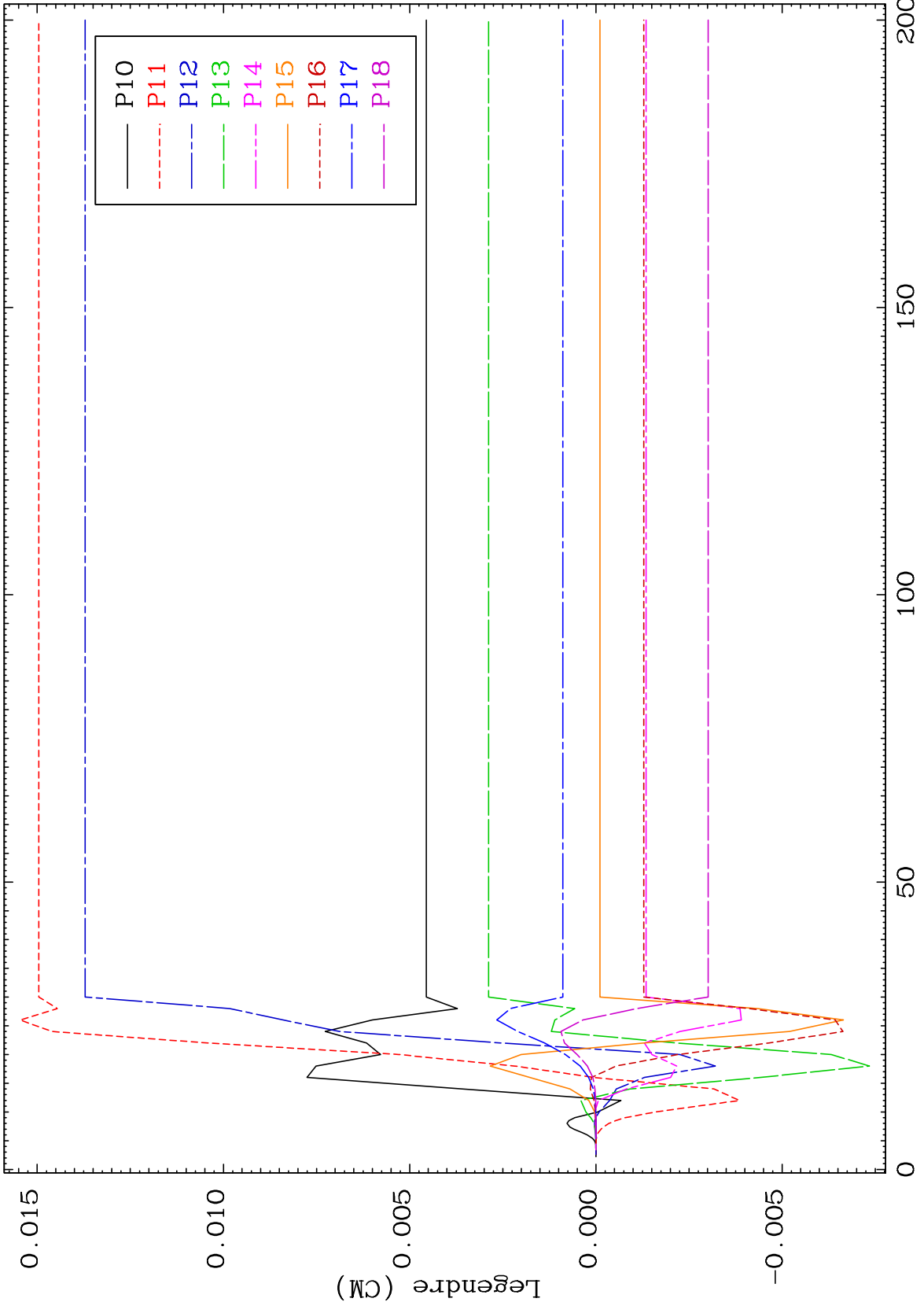


127

Incident Energy (MeV)

66-Dy-151

MAT 6610 MT= 78 (n,n') Level Legendre Coefficients 66-Dy-151

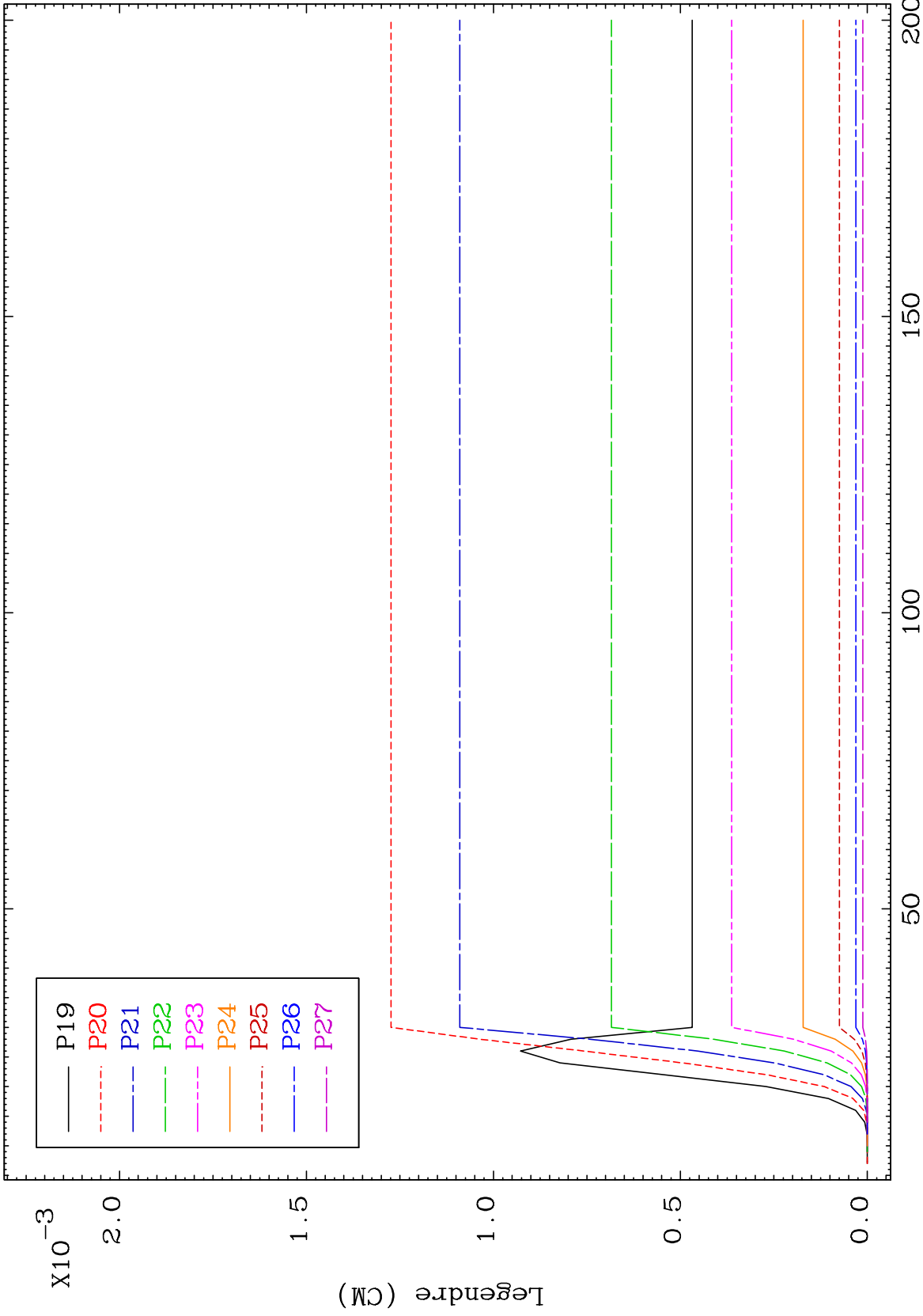


128 Incident Energy (MeV) 66-Dy-151

MAT 6610

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

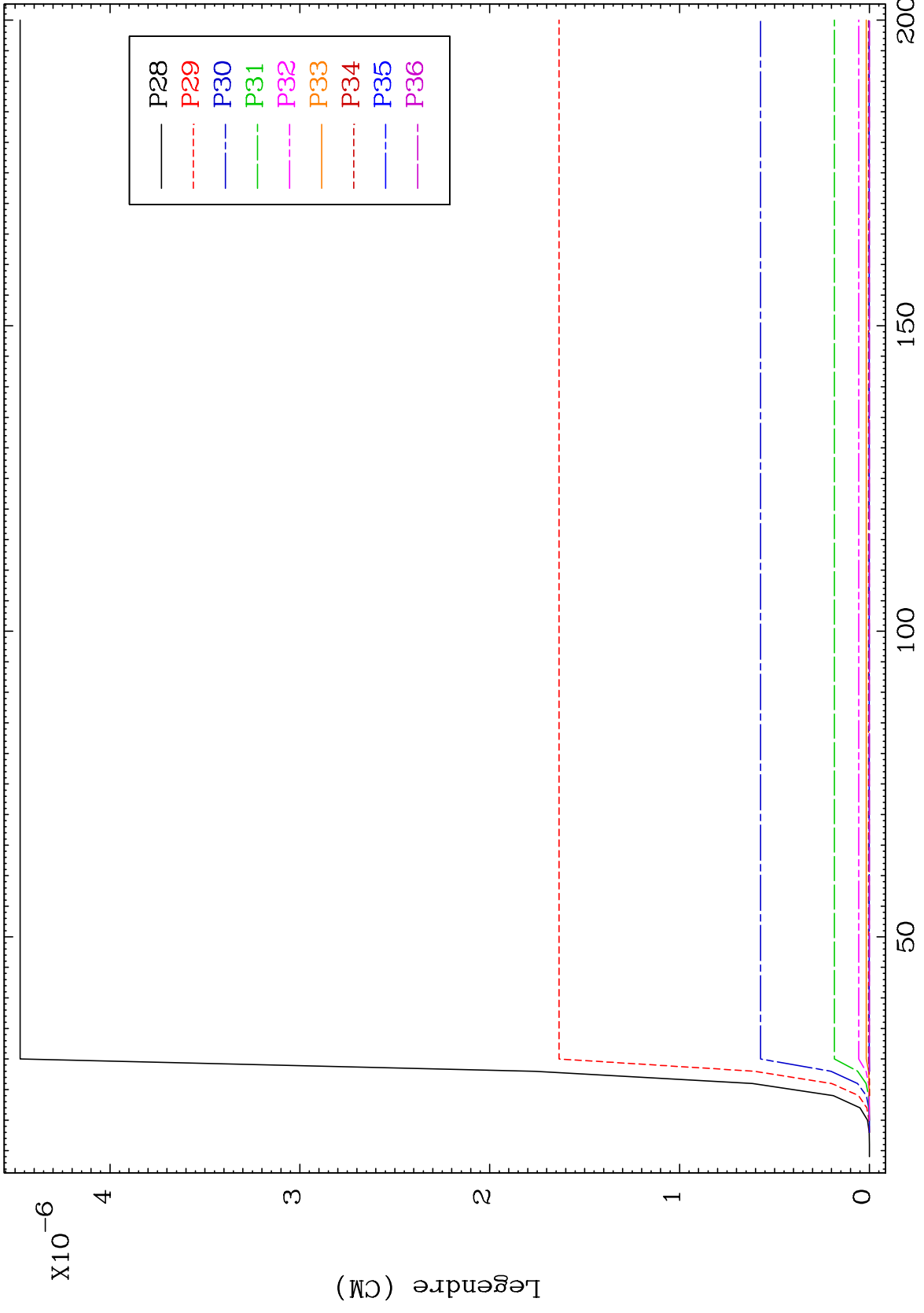
66-Dy-151



129

66-Dy-151

MAT 6610 MT= 78 (n,n') Level Legendre Coefficients 66-Dy-151



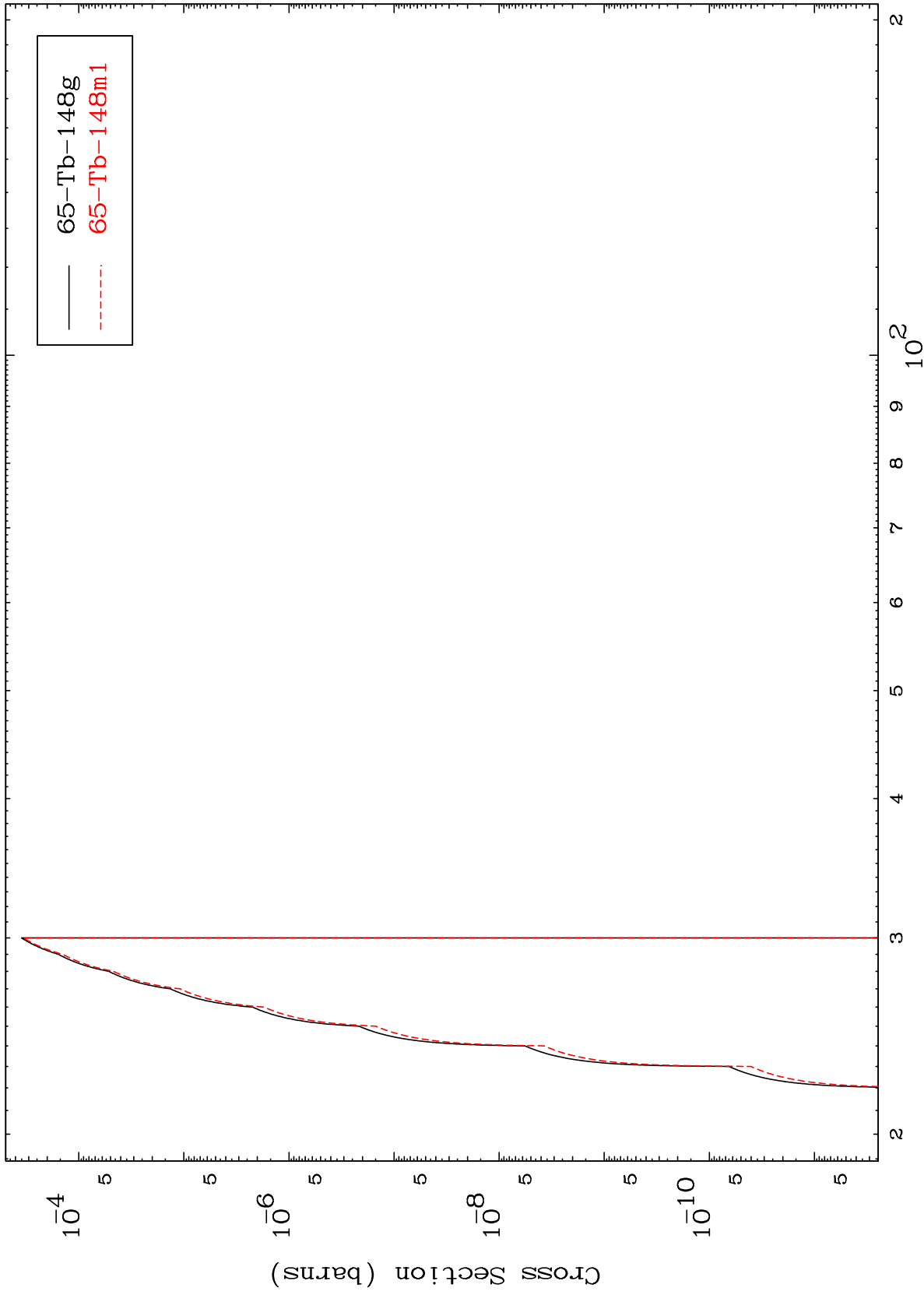
130 50 100 150 200 66-Dy-151

MAT 6610

(n,2n) d

66-Dy-151

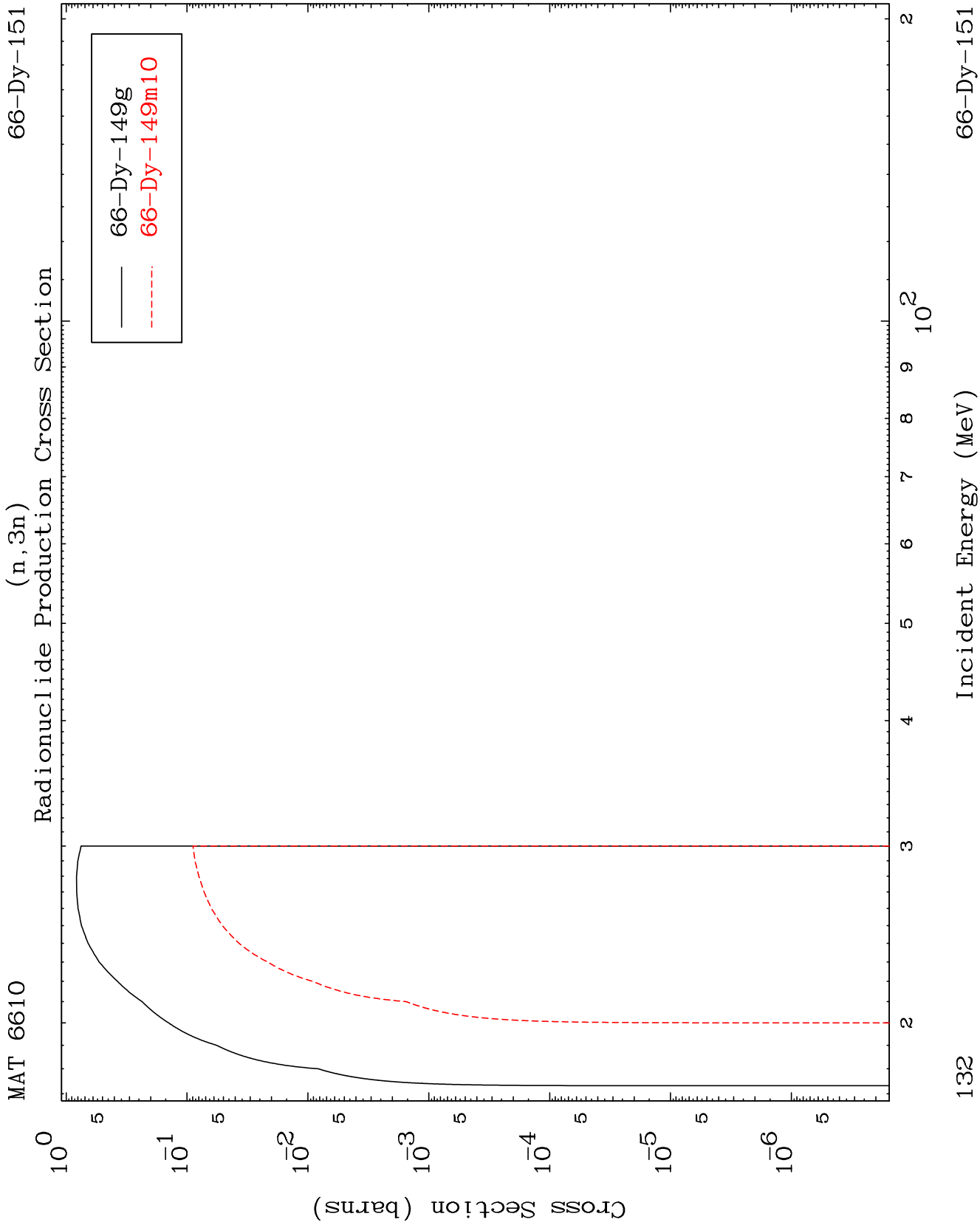
Radionuclide Production Cross Section



131

Incident Energy (MeV)

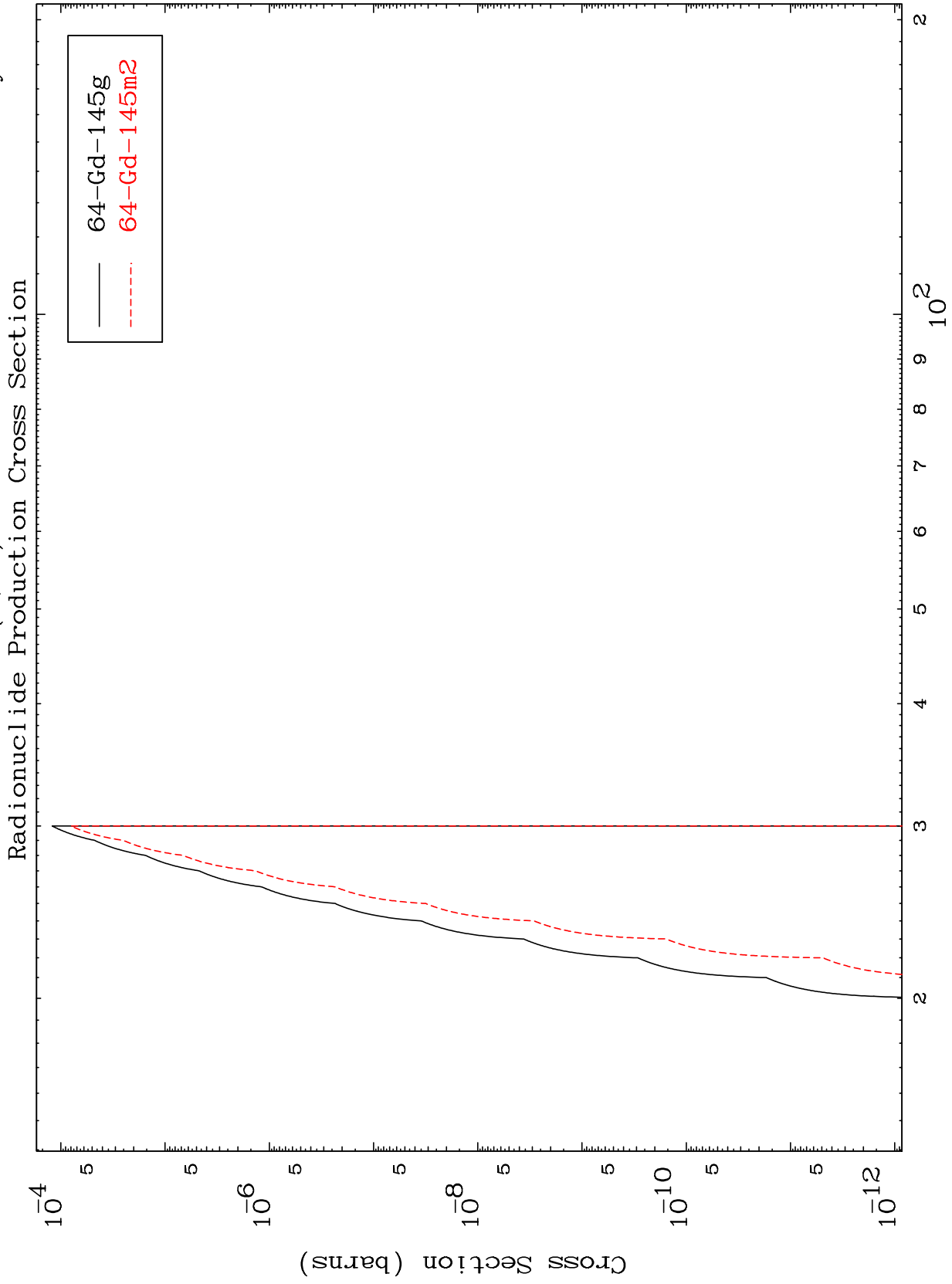
66-Dy-151



MAT 6610

(n,3n)  $\alpha$

66-Dy-151



133

Incident Energy (MeV)

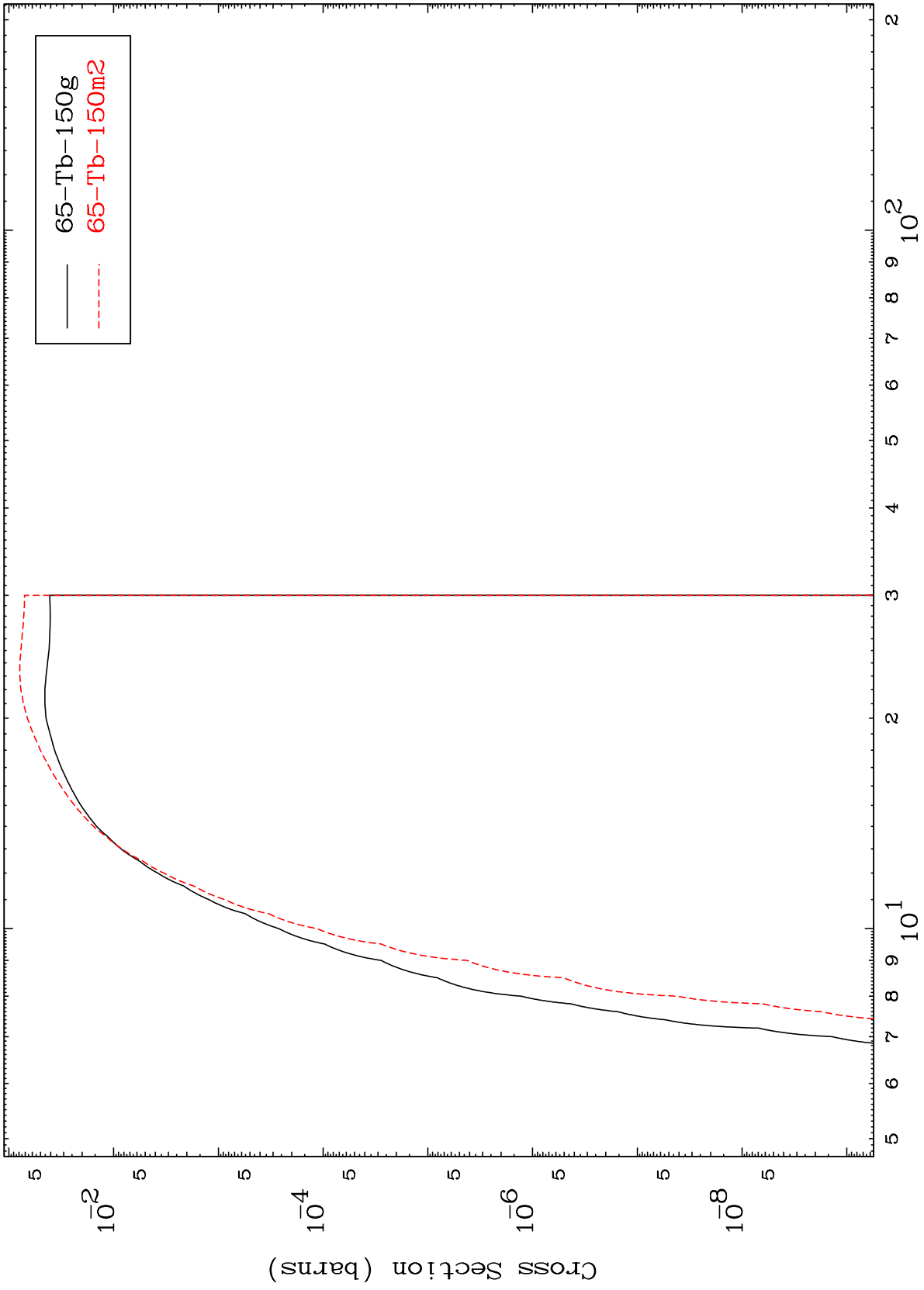
66-Dy-151

MAT 6610

(n,n') p

66-Dy-151

Radionuclide Production Cross Section



134

Incident Energy (MeV)

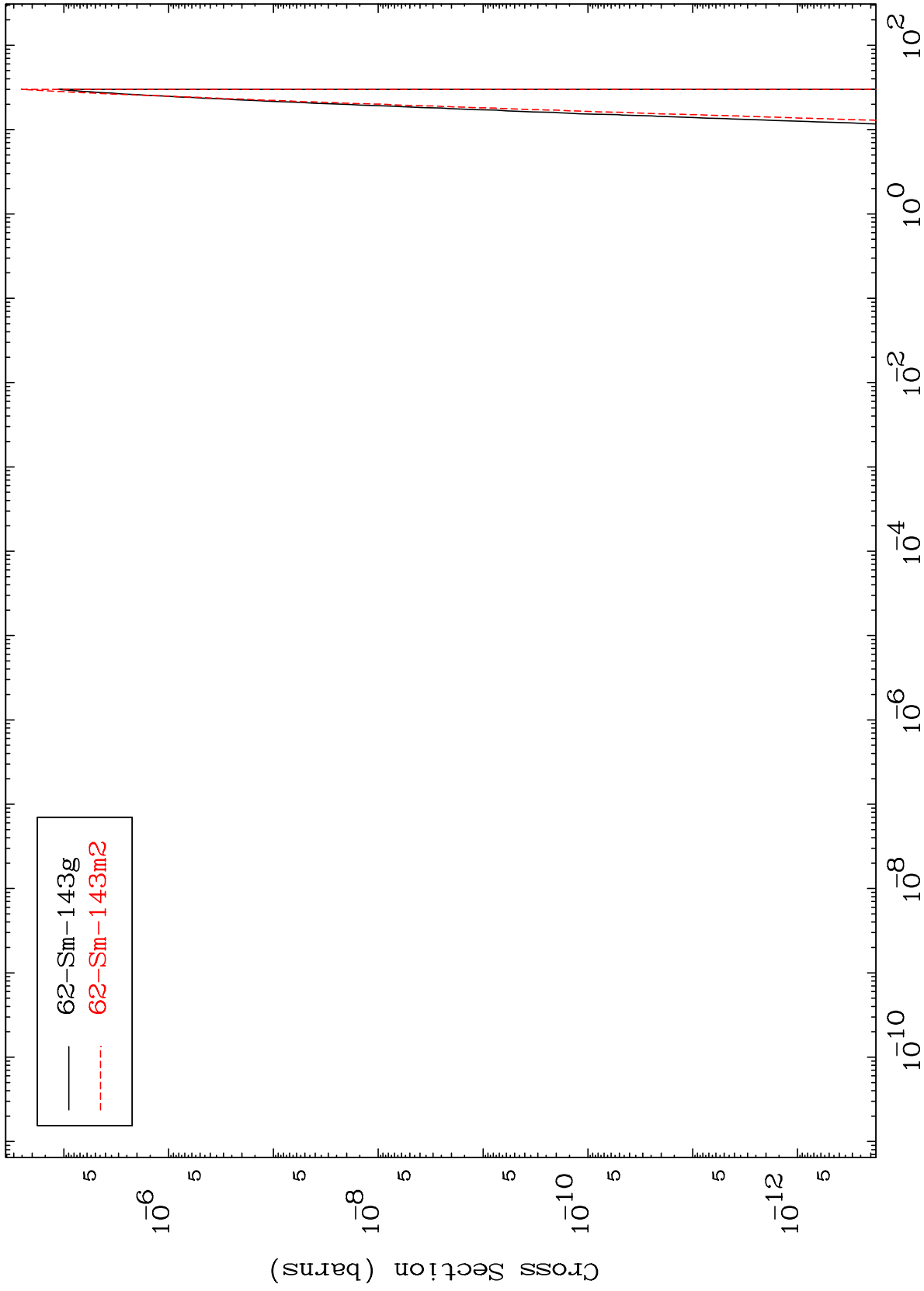
66-Dy-151

MAT 6610

(n,n') 2 $\alpha$

66-Dy-151

Radionuclide Production Cross Section



135

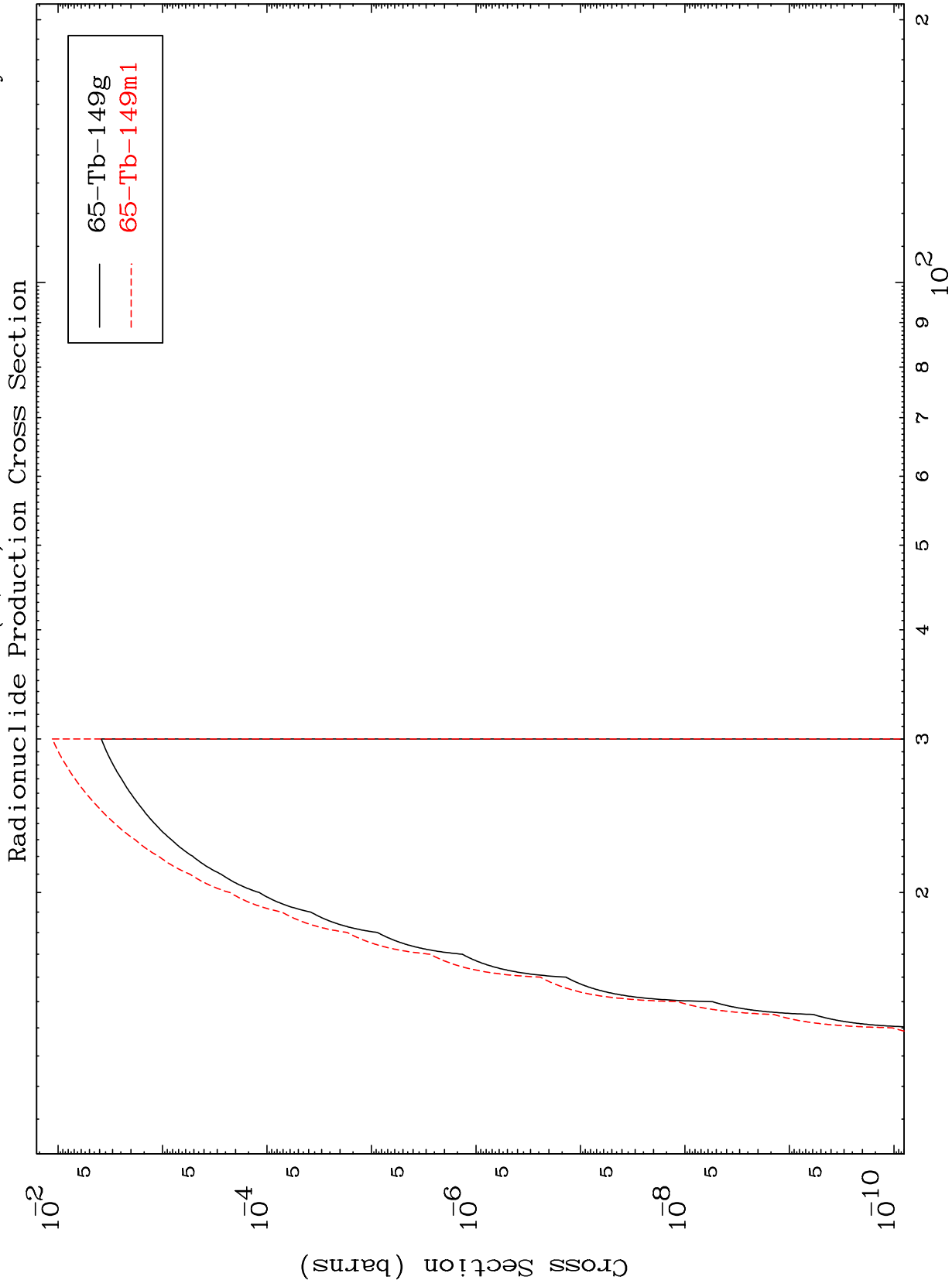
Incident Energy (MeV)

66-Dy-151

MAT 6610

(n,n') d

66-Dy-151



136

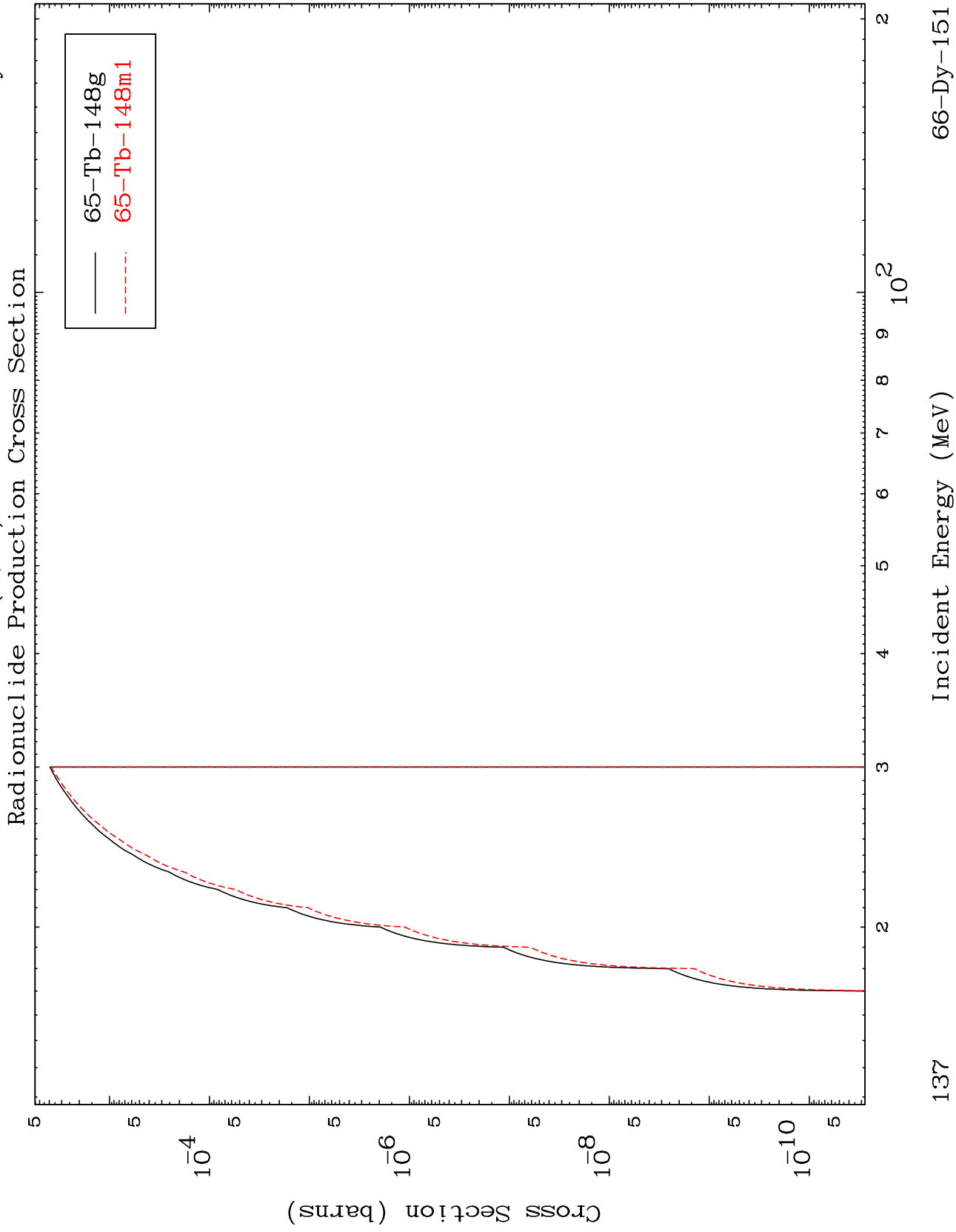
Incident Energy (MeV)

66-Dy-151

MAT 6610

(n,n') t

66-Dy-151



137

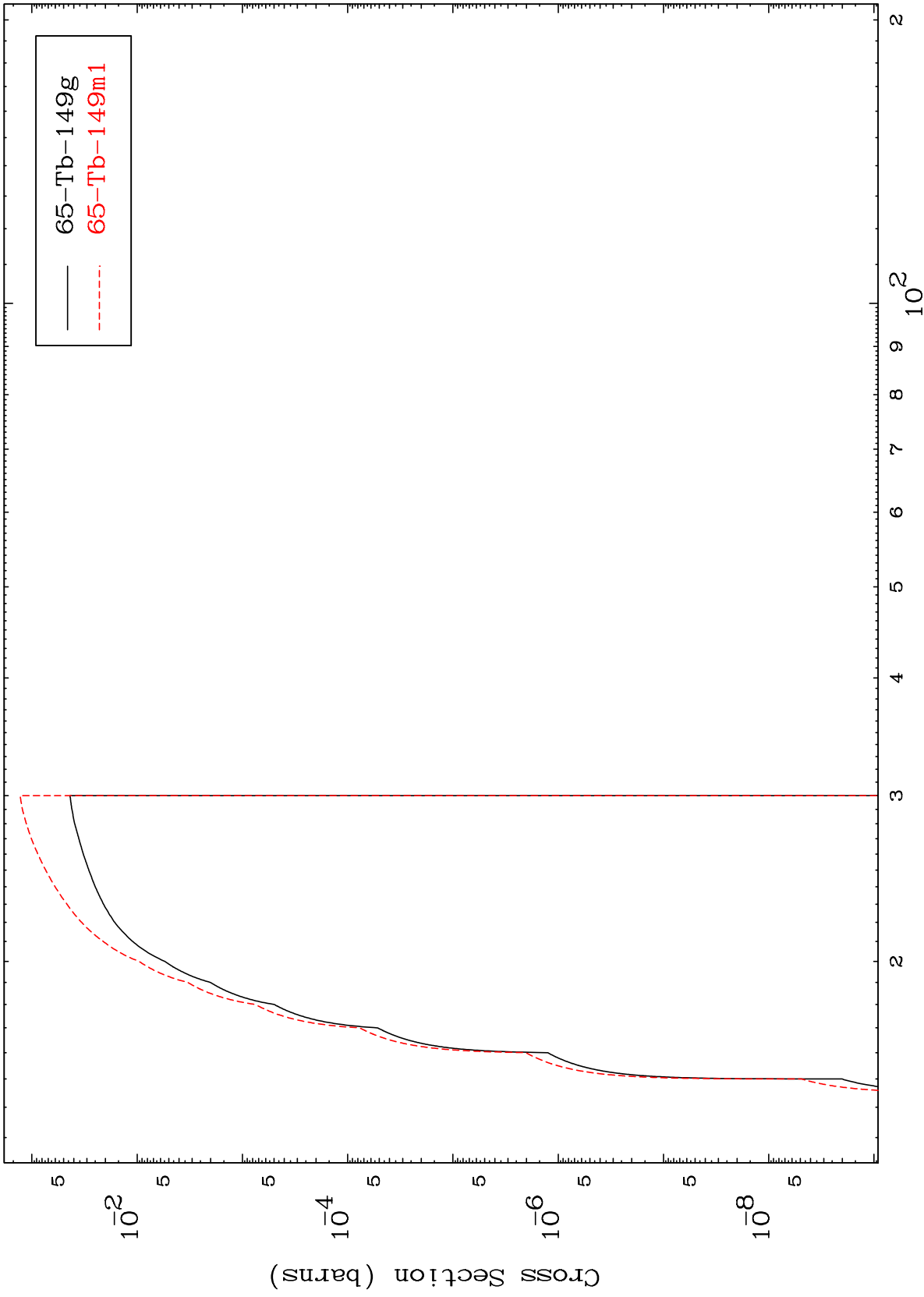
66-Dy-151

MAT 6610

(n,2n) p

66-Dy-151

Radionuclide Production Cross Section



138

Incident Energy (MeV)

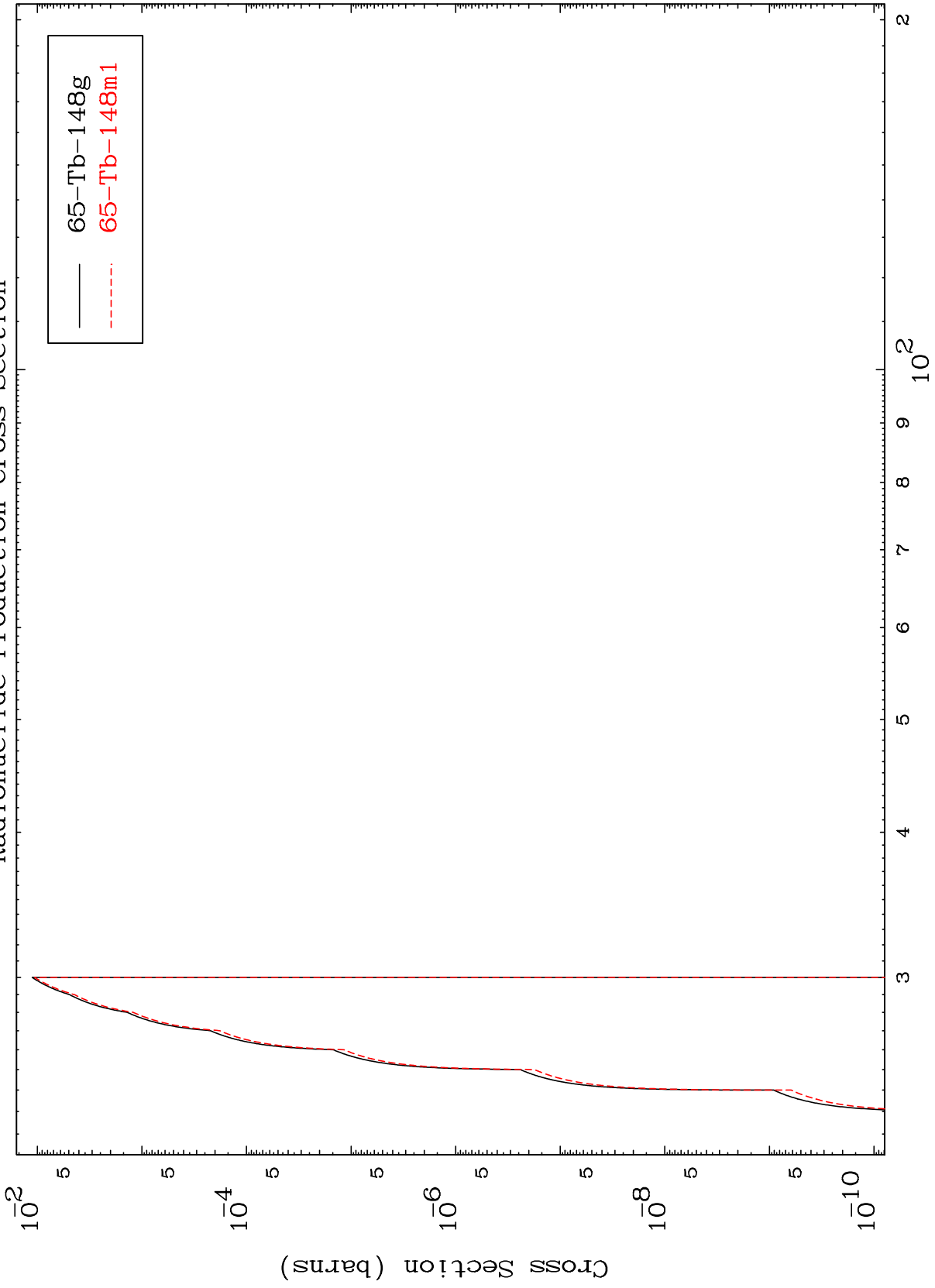
66-Dy-151

MAT 6610

(n,3n) p

66-Dy-151

Radionuclide Production Cross Section



139

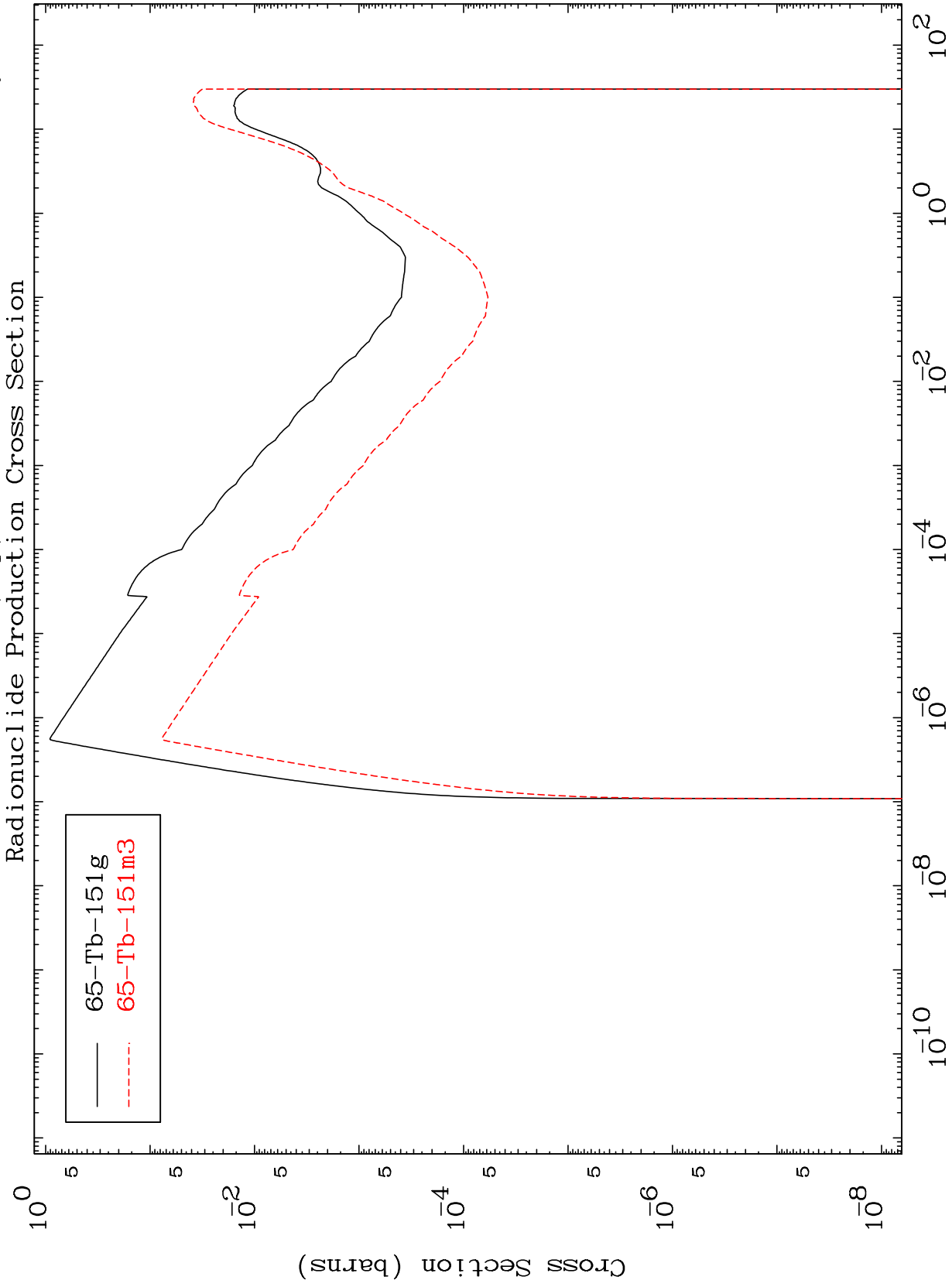
Incident Energy (MeV)

66-Dy-151

MAT 6610

(n,p)

66-Dy-151



65-Tb-151 g  
65-Tb-151 m3



