

Program EVALPLOT  
(Version 2018-1)

by

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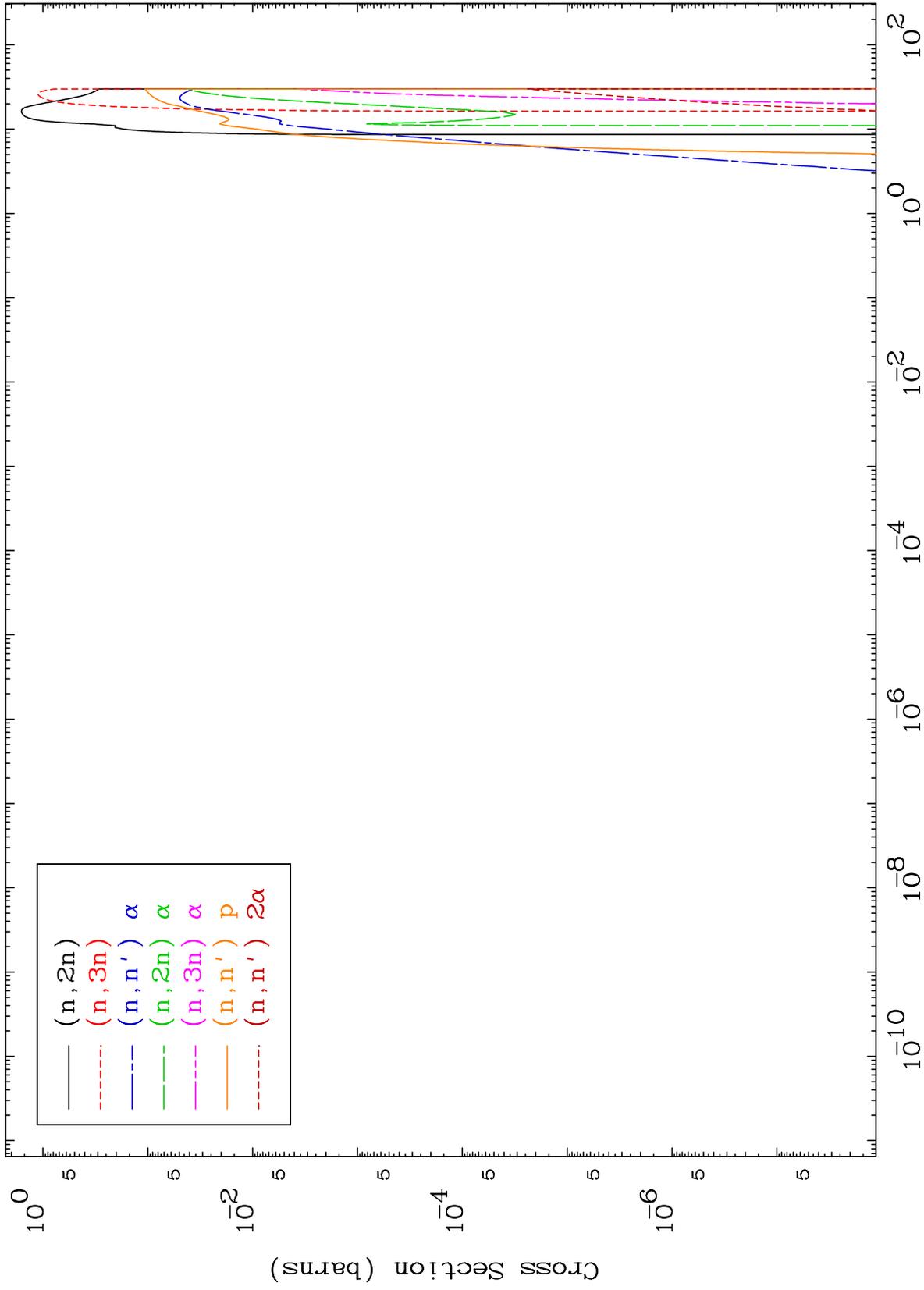
Press Mouse Button to Start



MAT 6501

Neutron Production  
293 Kelvin Cross Sections

65-Tb-151



2

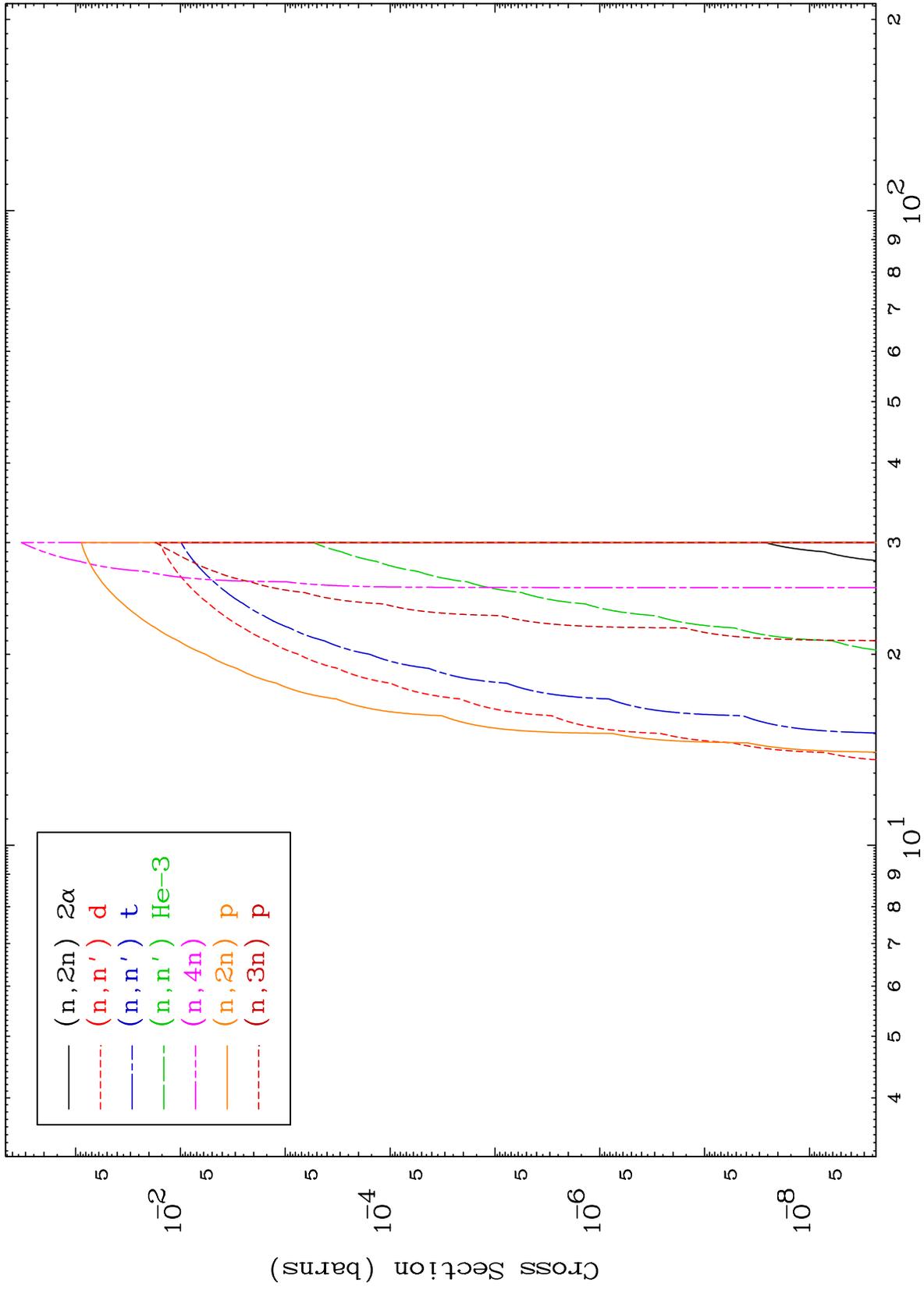
Incident Energy (MeV)

65-Tb-151

MAT 6501

Neutron Production  
293 Kelvin Cross Sections

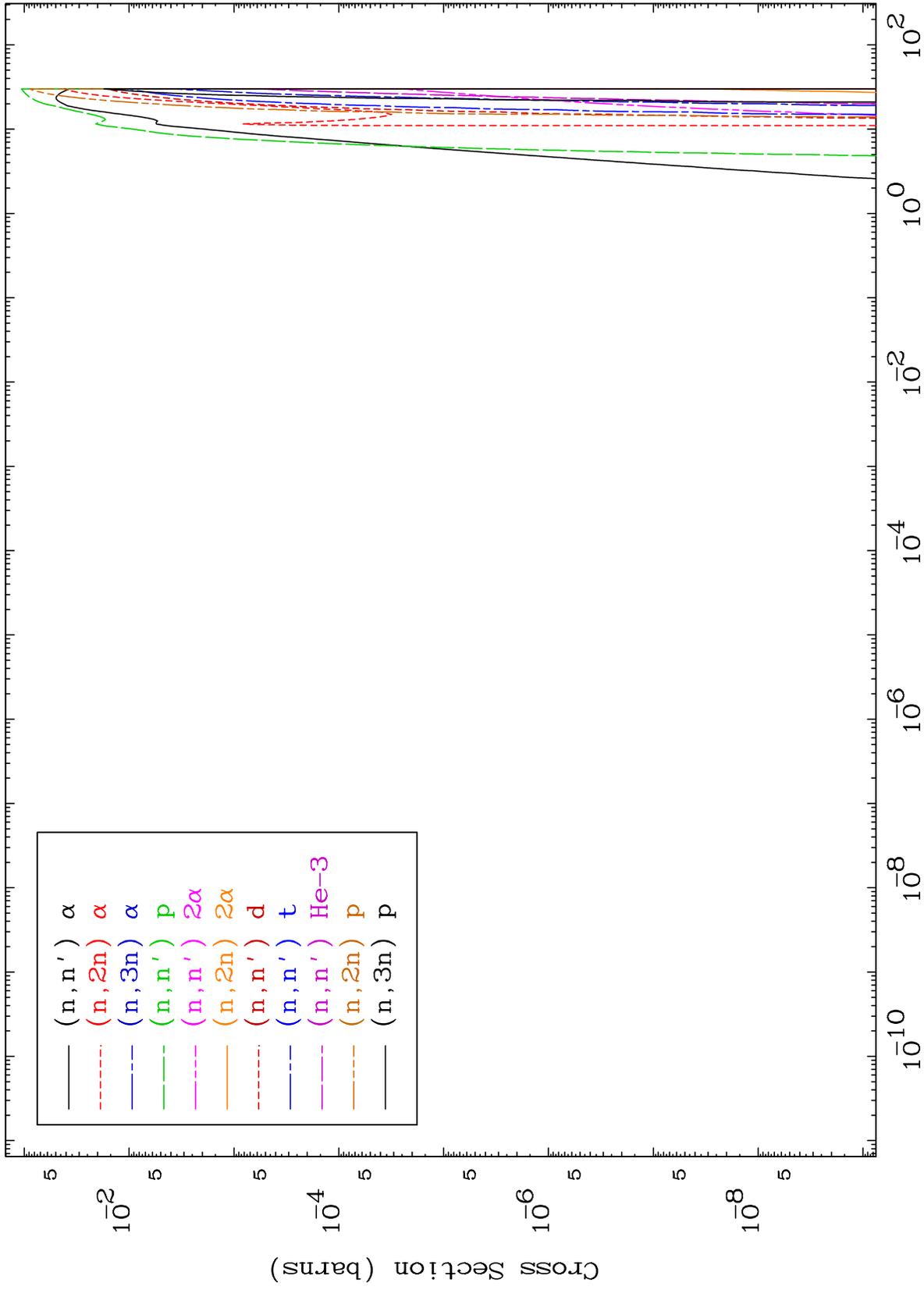
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MAT 6501

Charged Particle  
293 Kelvin Cross Sections

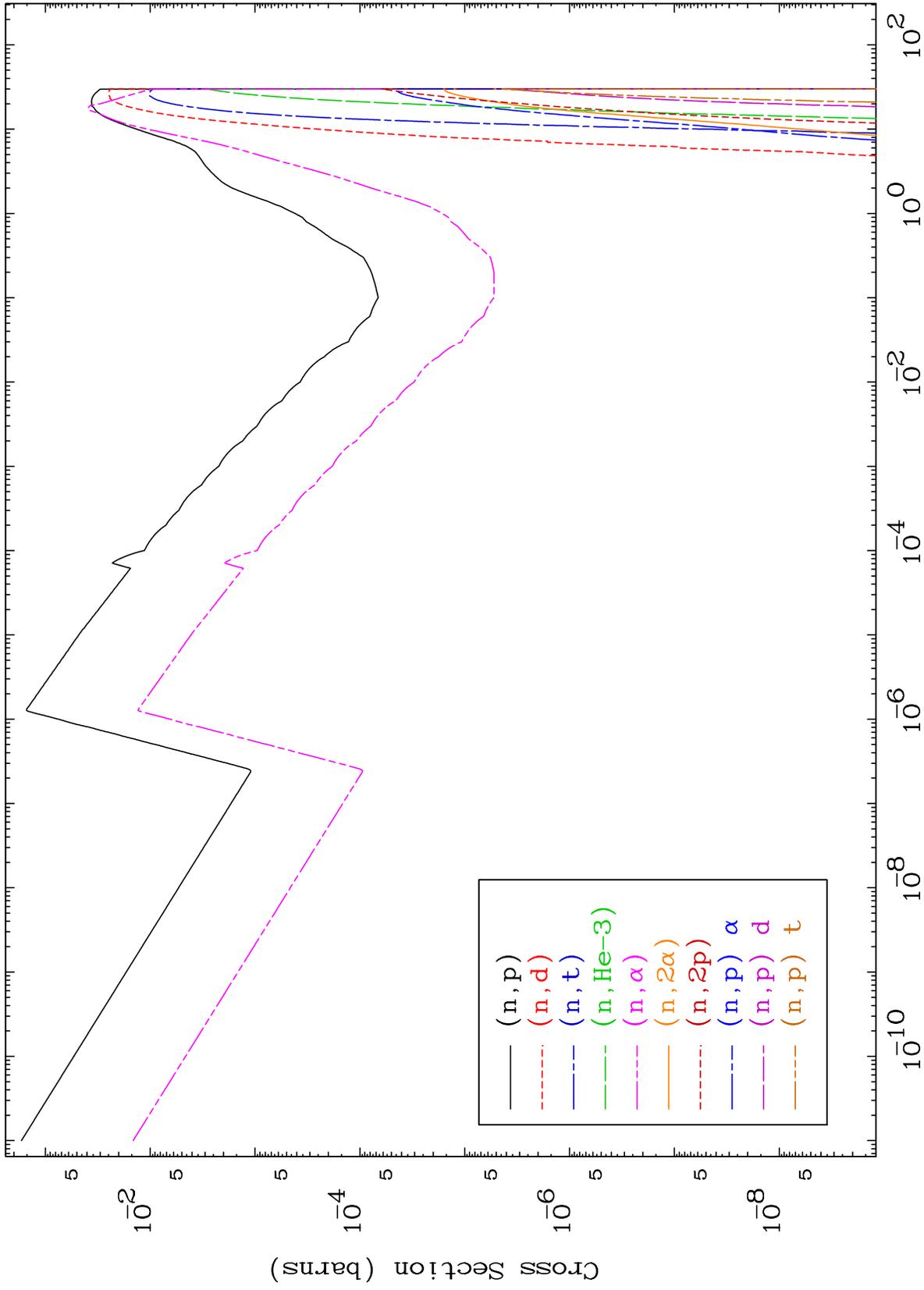
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MAT 6501

Charged Particle  
293 Kelvin Cross Sections

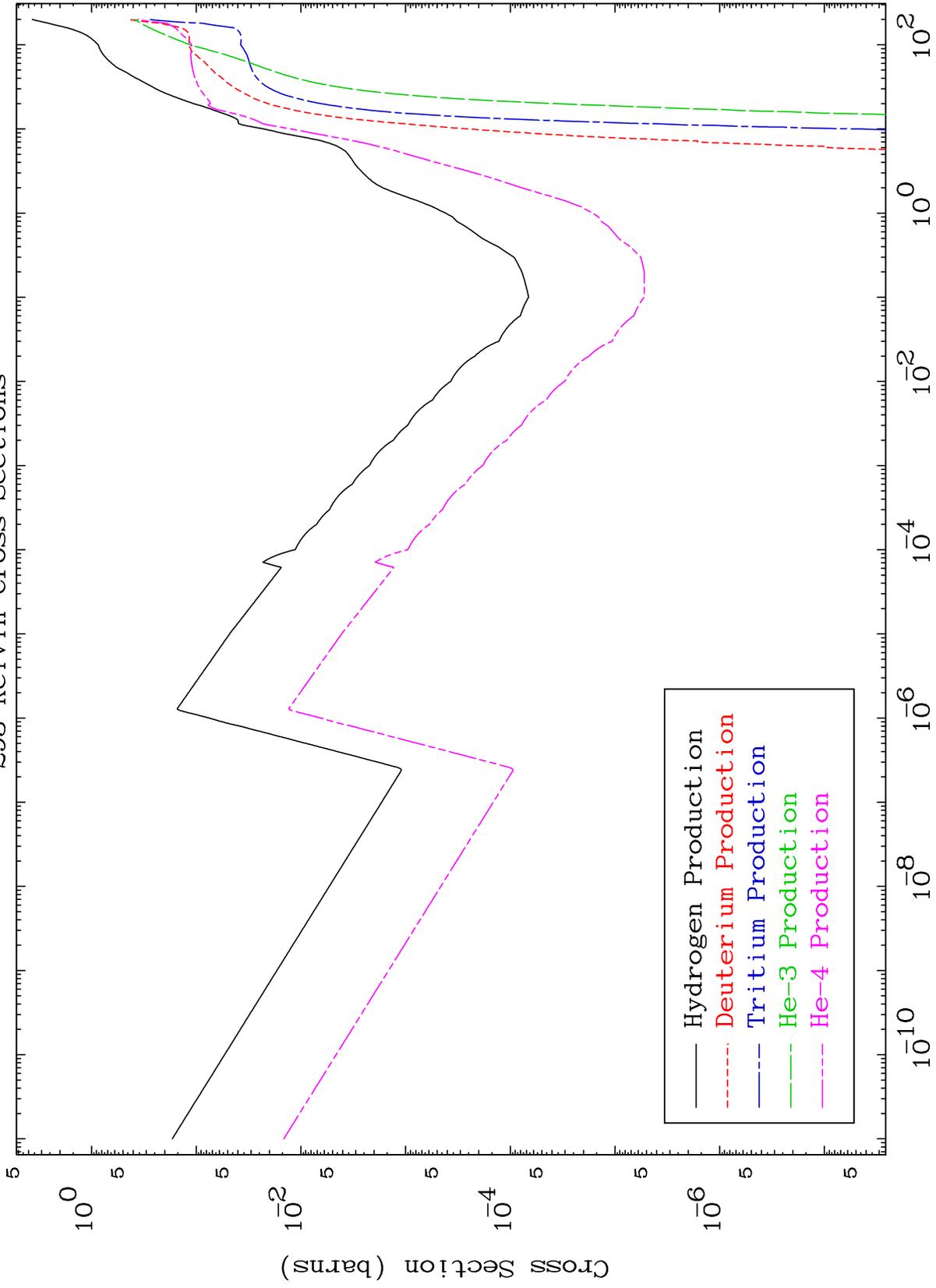
65-Tb-151



MAT 6501

Particle Production  
293 Kelvin Cross Sections

65-Tb-151

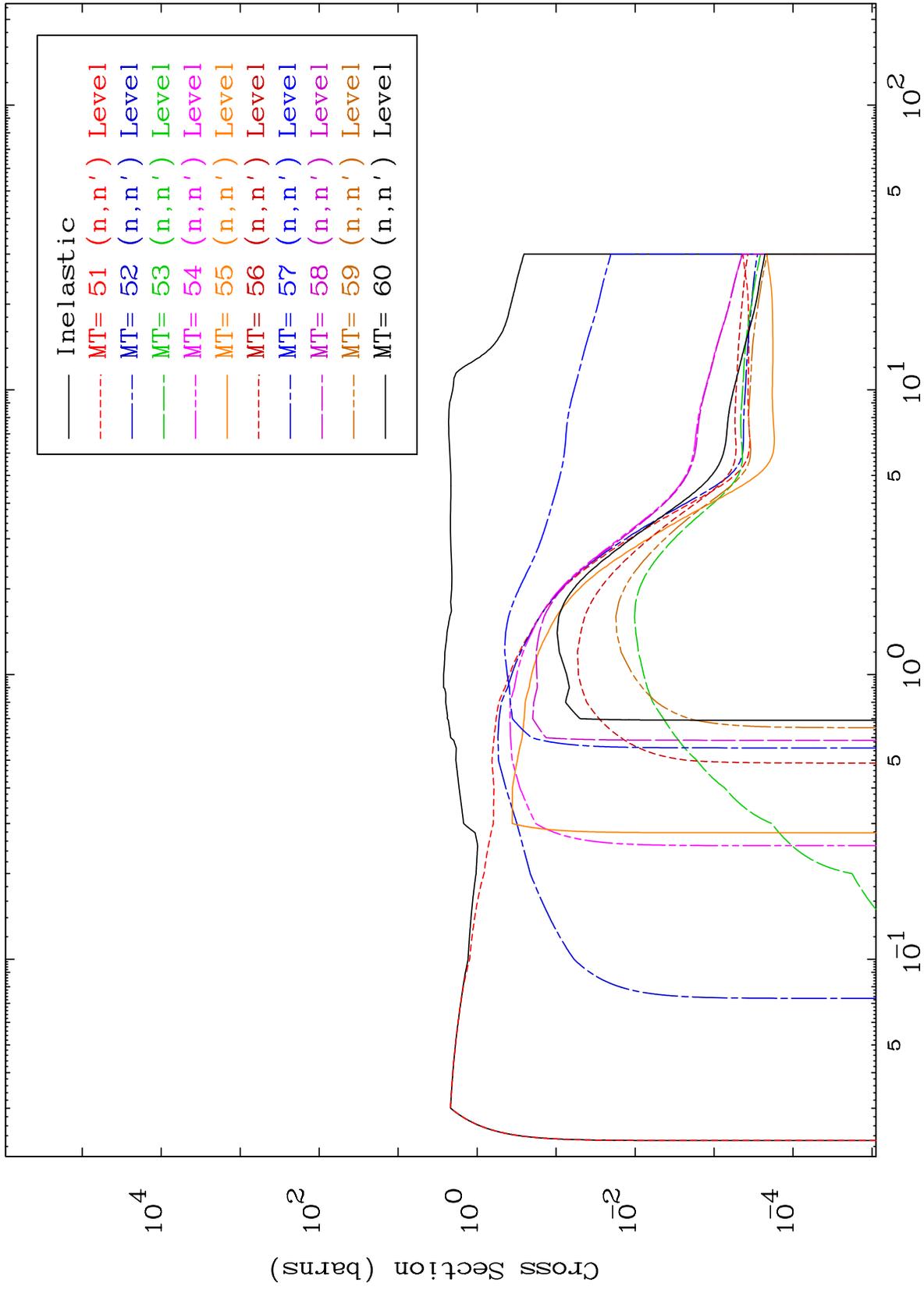


MAT 6501

(n,n') Level

65-Tb-151

293 Kelvin Cross Sections

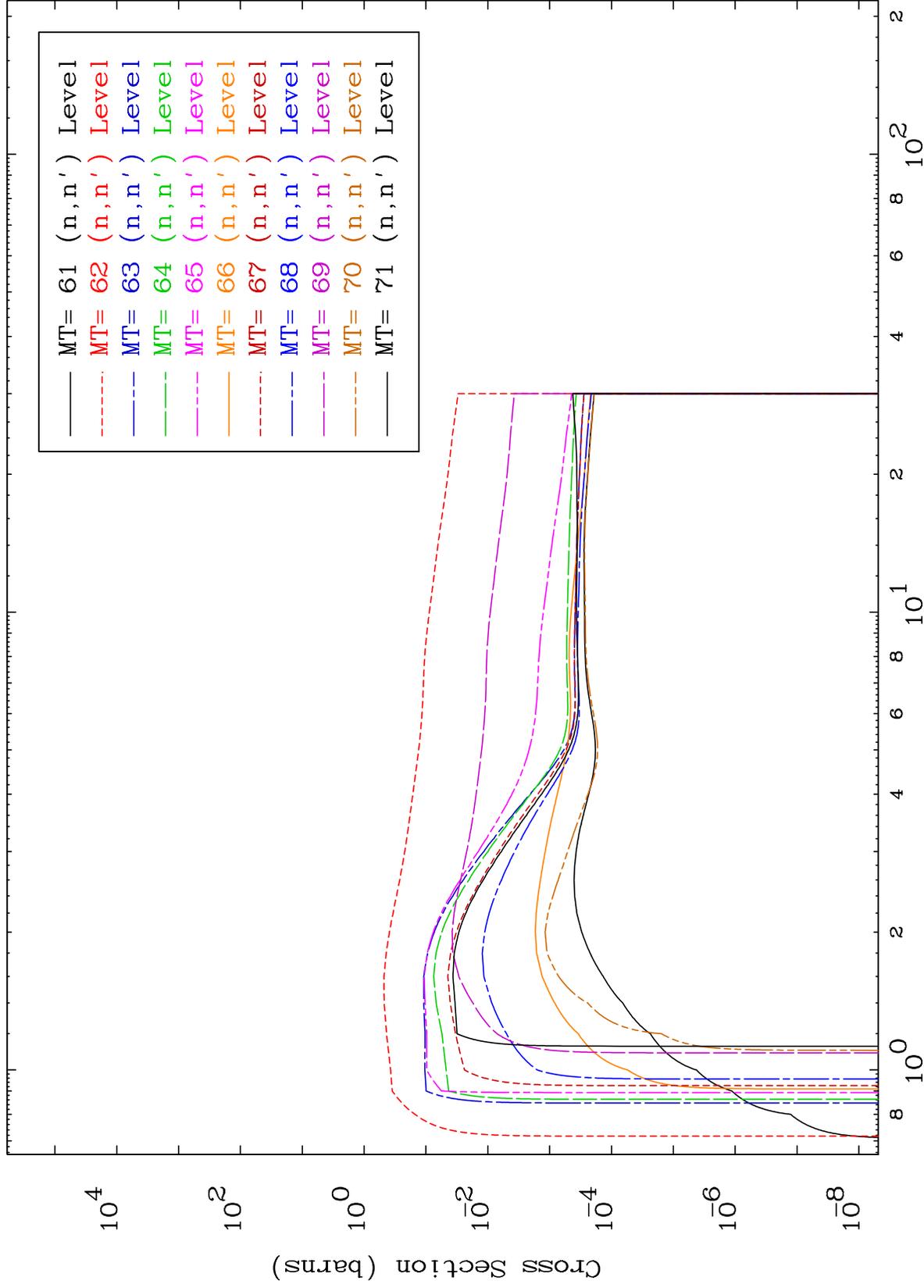


MAT 6501

(n,n') Level

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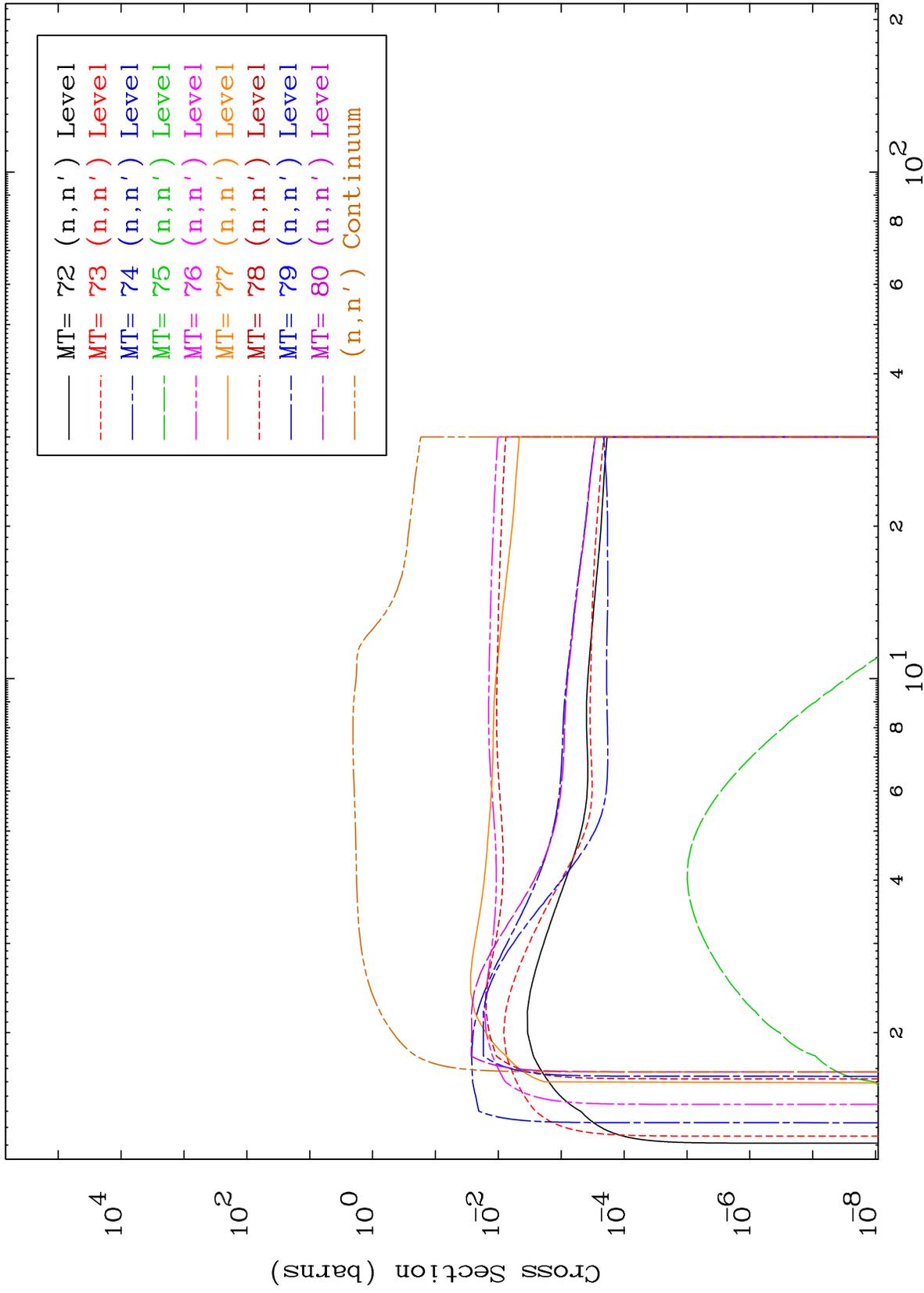
293 Kelvin Cross Sections



8

Incident Energy (MeV)

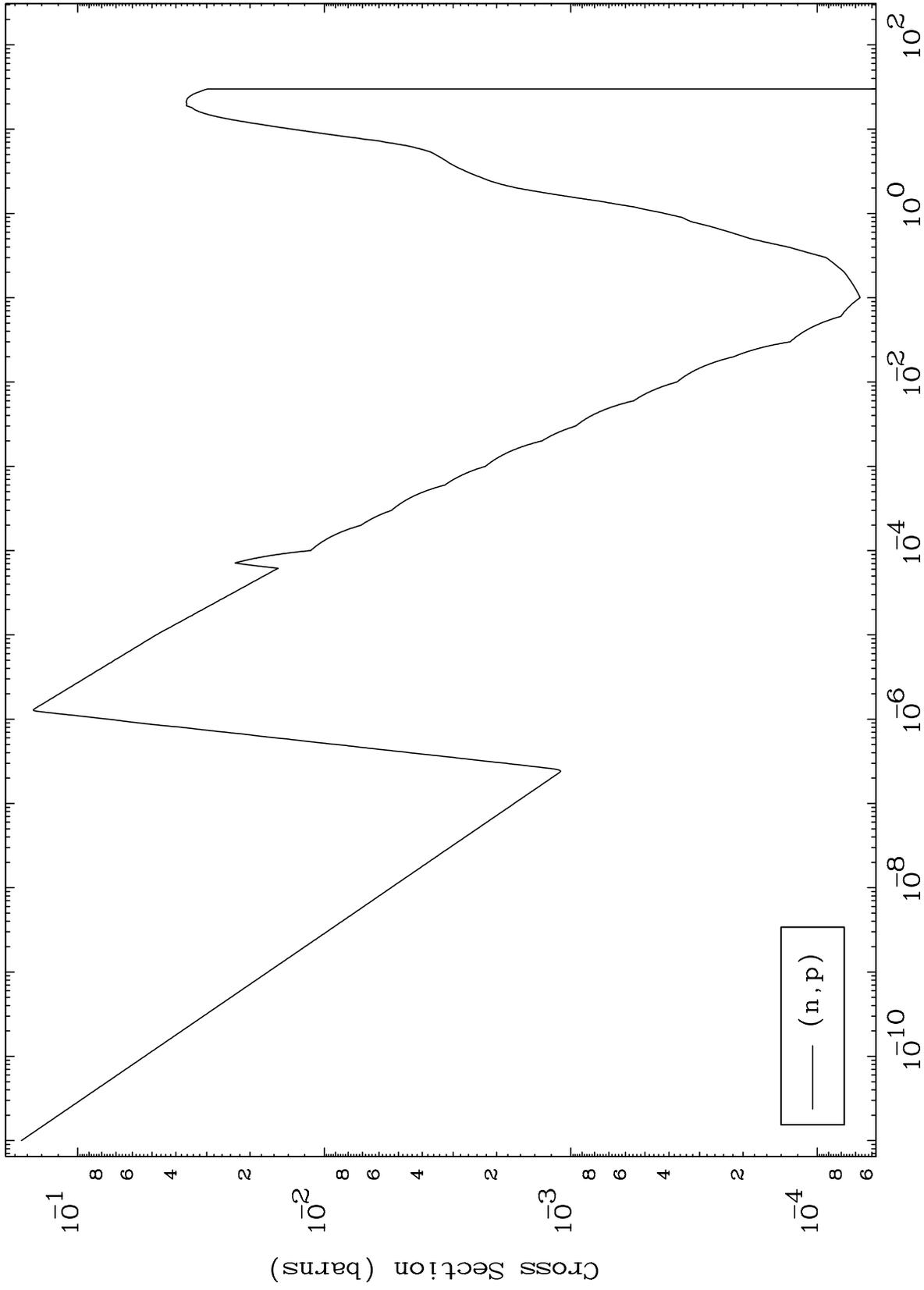
65-Tb-151



MAT 6501

(n,p) Levels  
293 Kelvin Cross Sections

65-Tb-151



10

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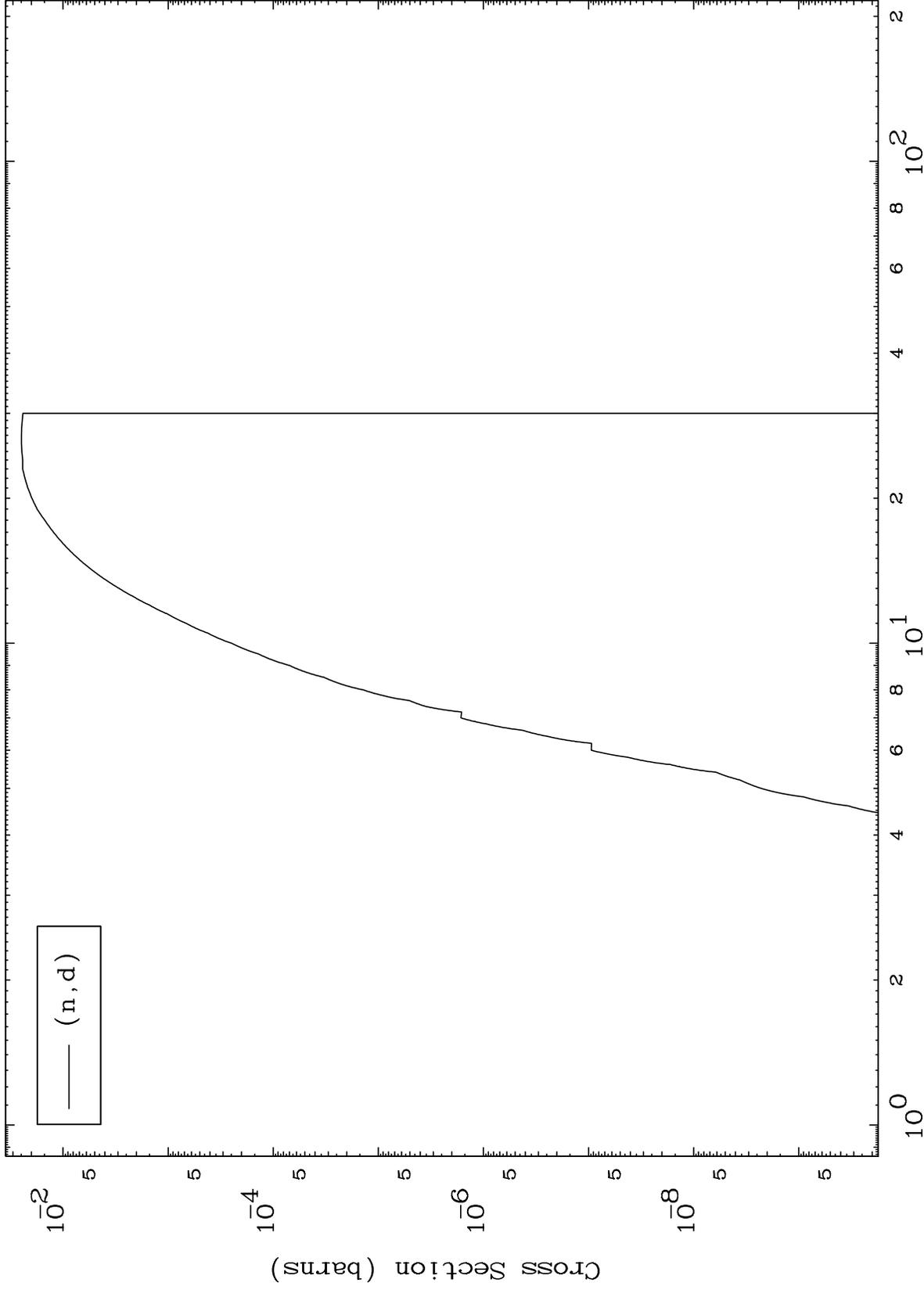
65-Tb-151

— (n,p)

MAT 6501

(n,d) Levels  
293 Kelvin Cross Sections

65-Tb-151



11

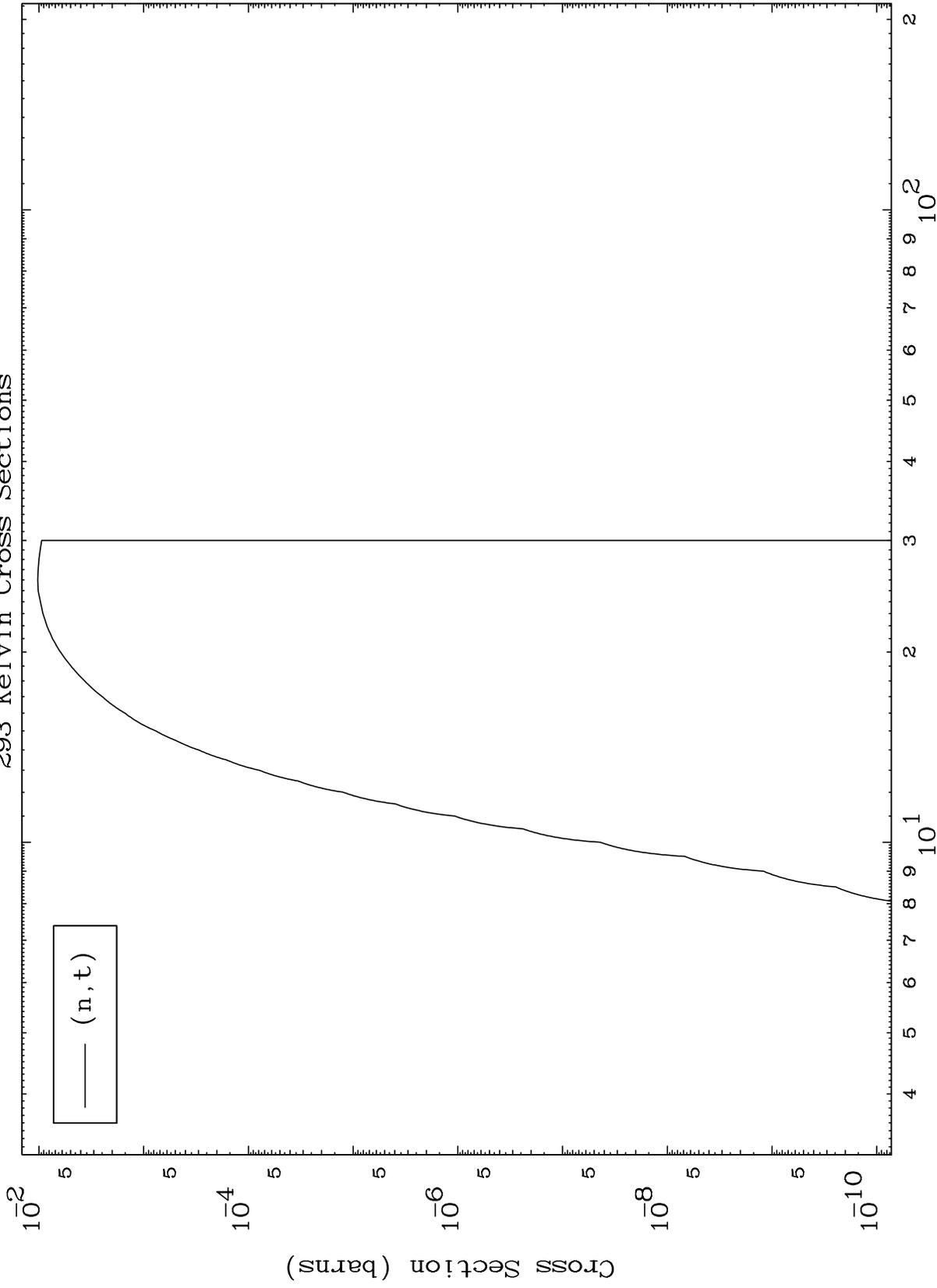
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65-Tb-151

MAT 6501

(n,t) Levels  
293 Kelvin Cross Sections

65-Tb-151



12

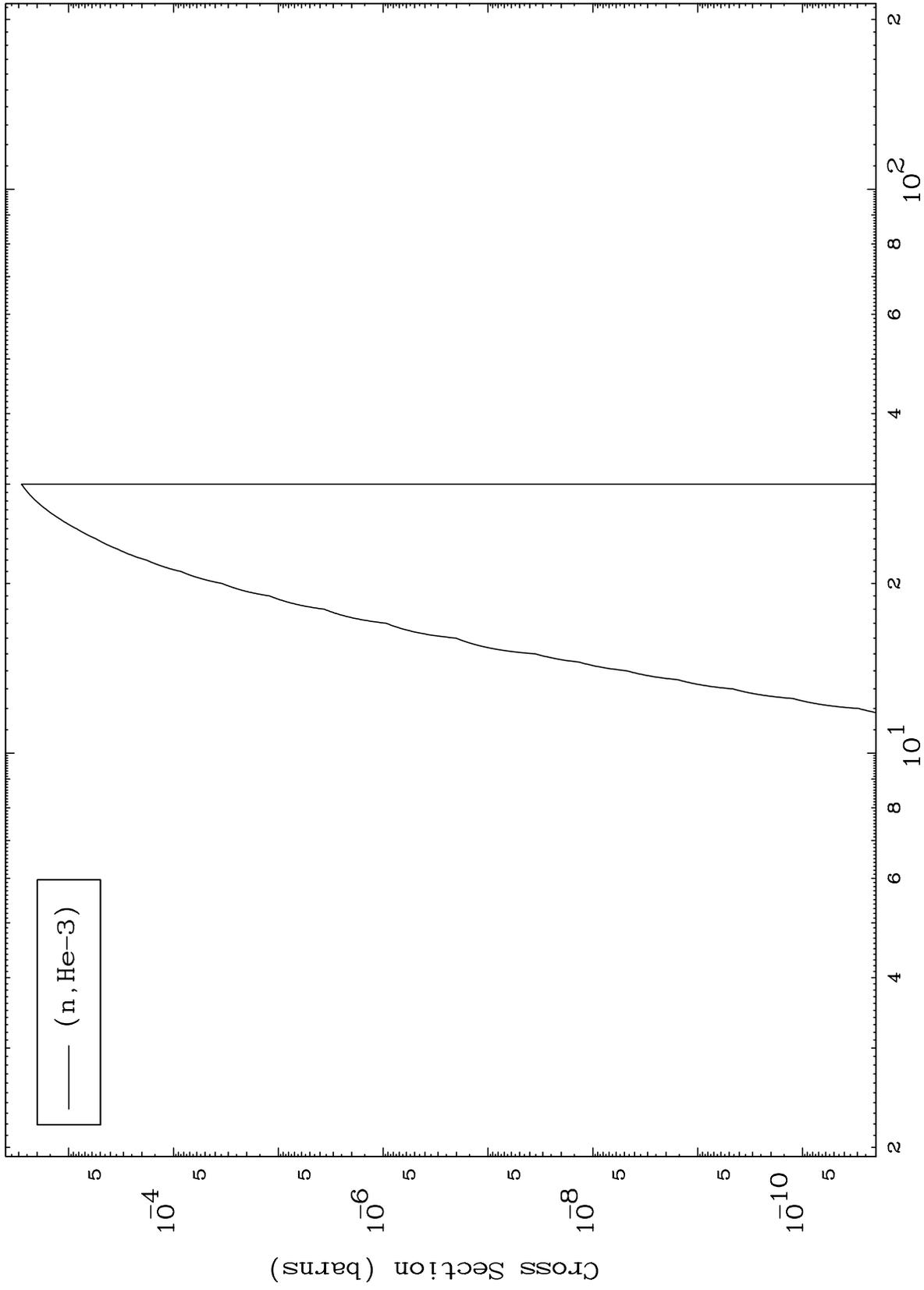
Incident Energy (MeV)

65-Tb-151

MAT 6501

(n,He3) Levels  
293 Kelvin Cross Sections

65-Tb-151



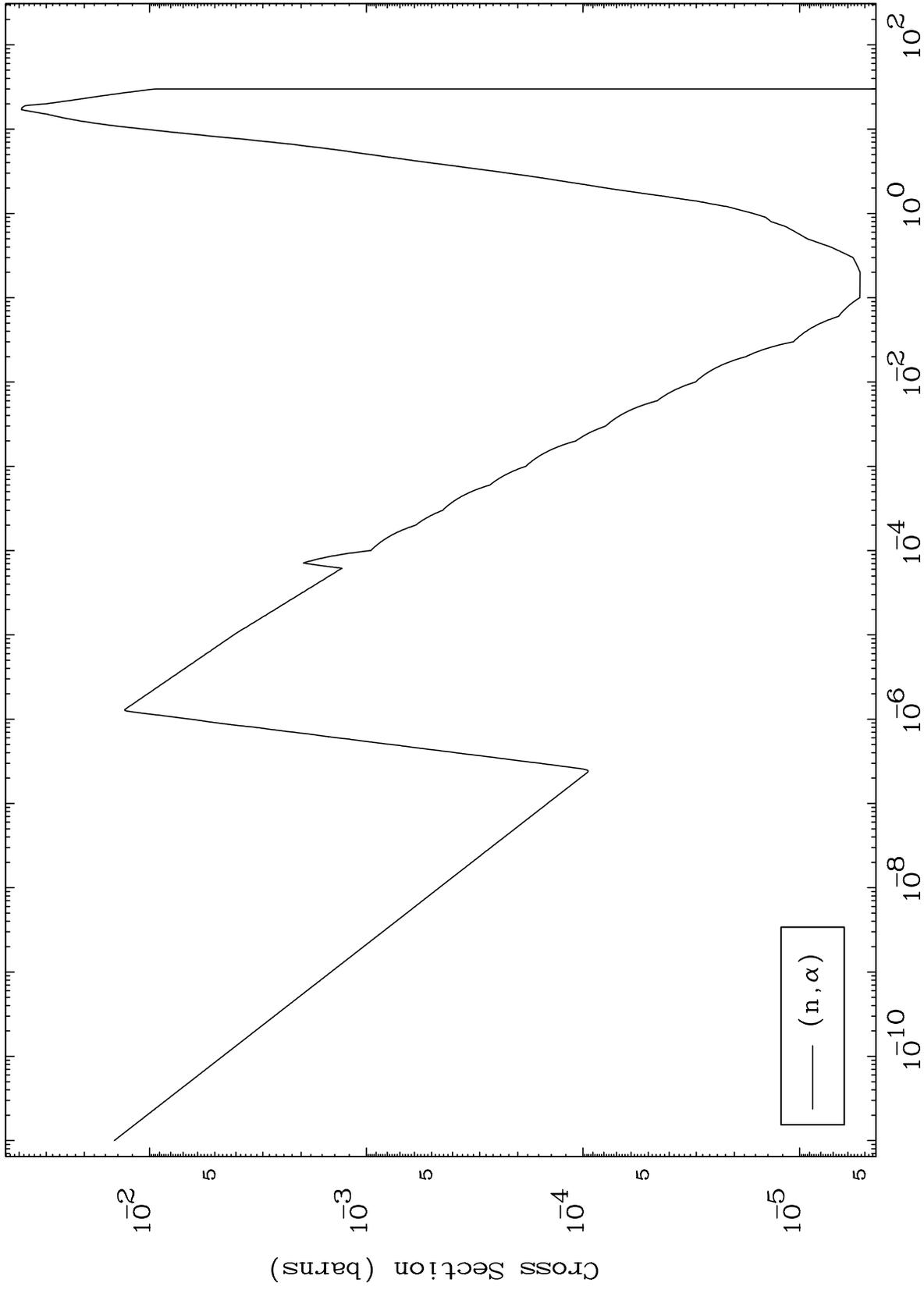
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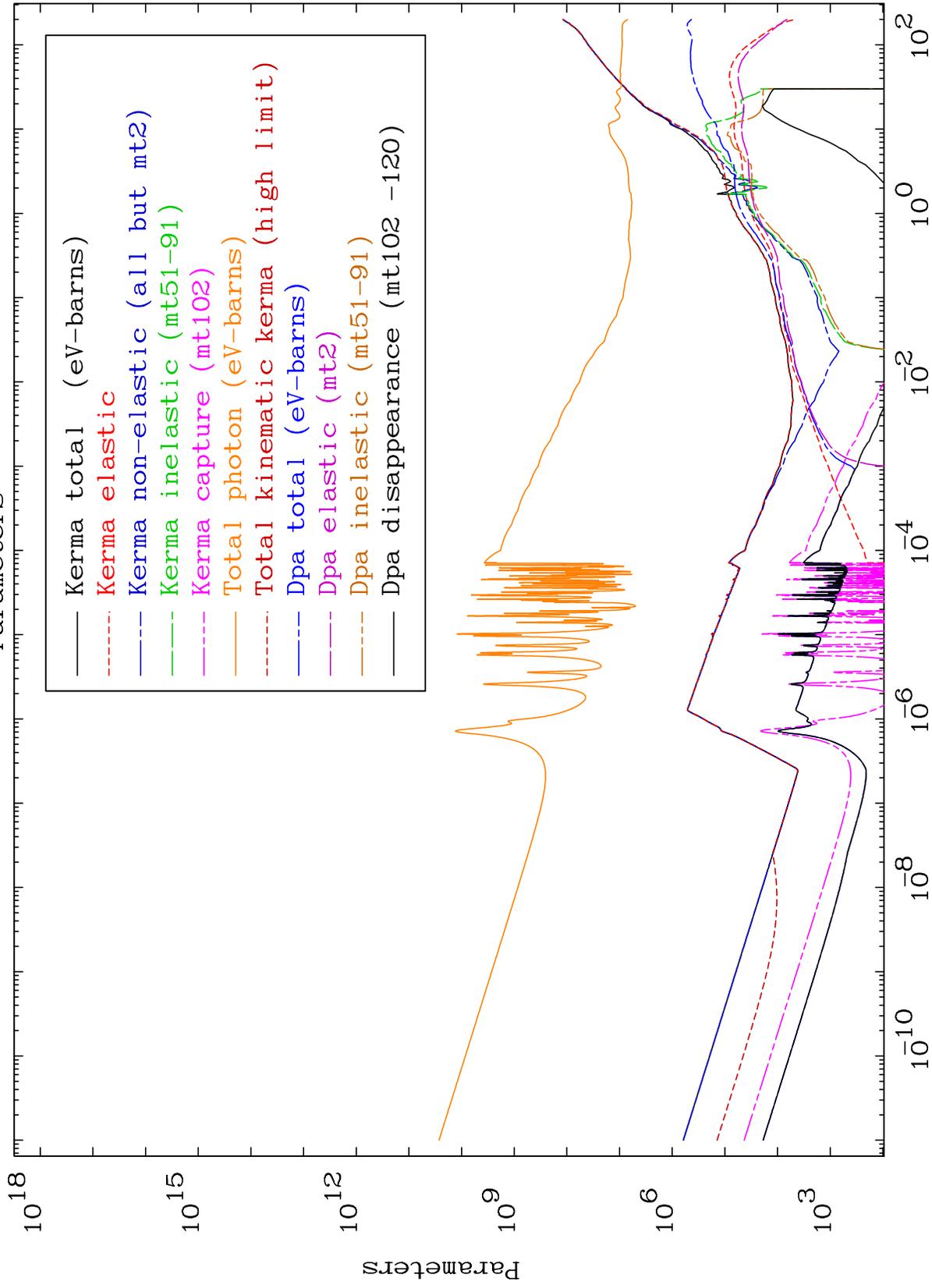
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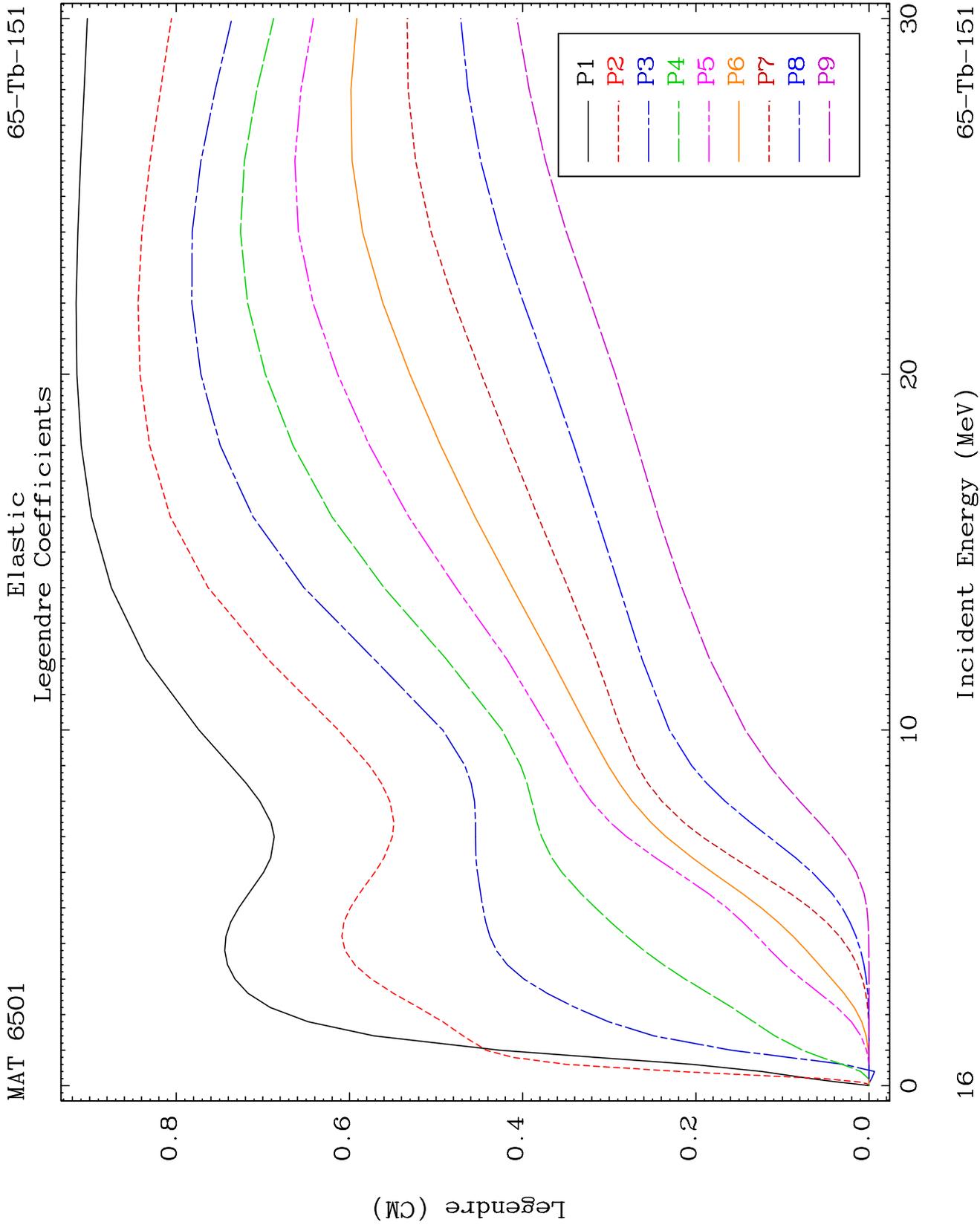
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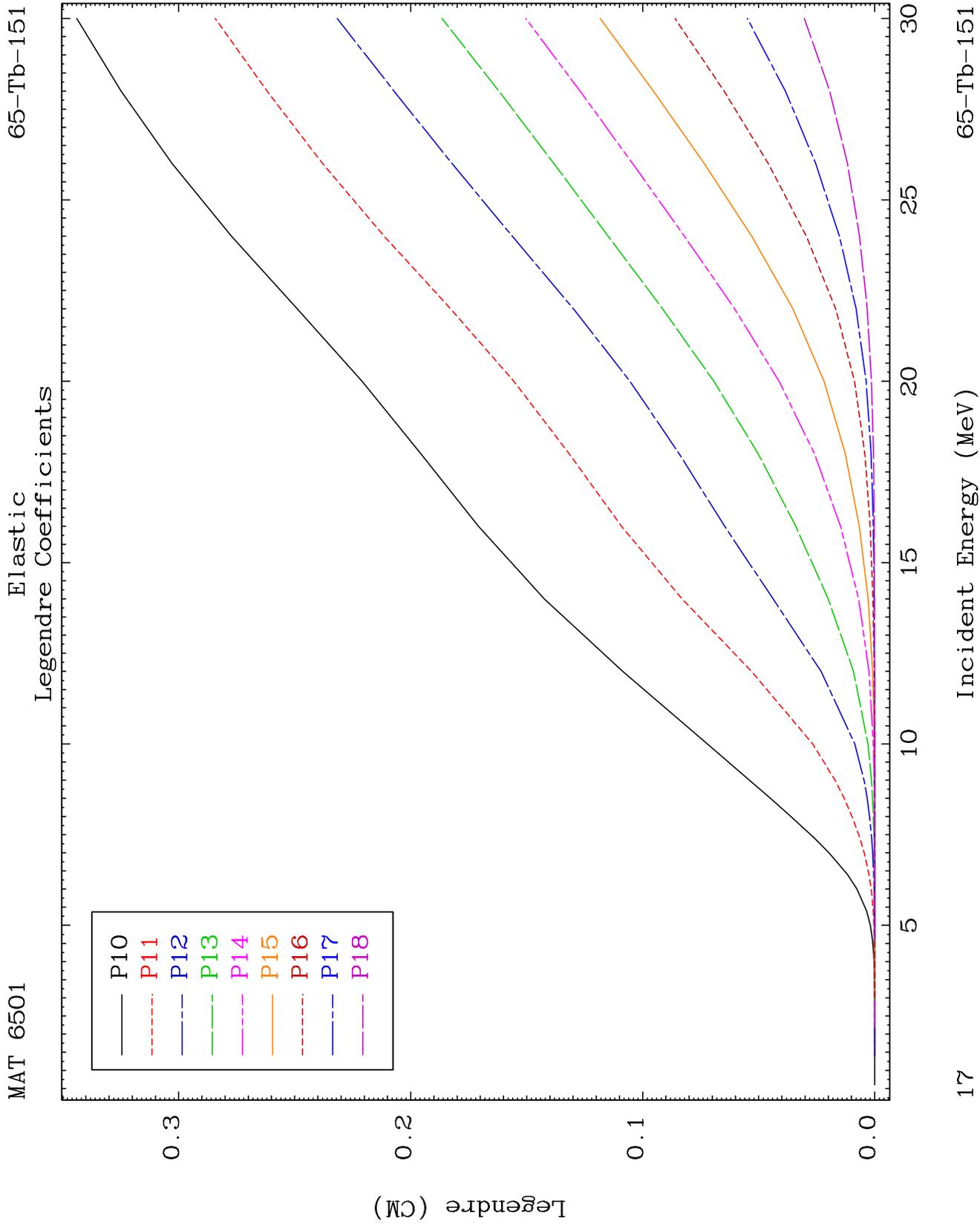
(n,α) Levels  
293 Kelvin Cross Sections

65-Tb-151





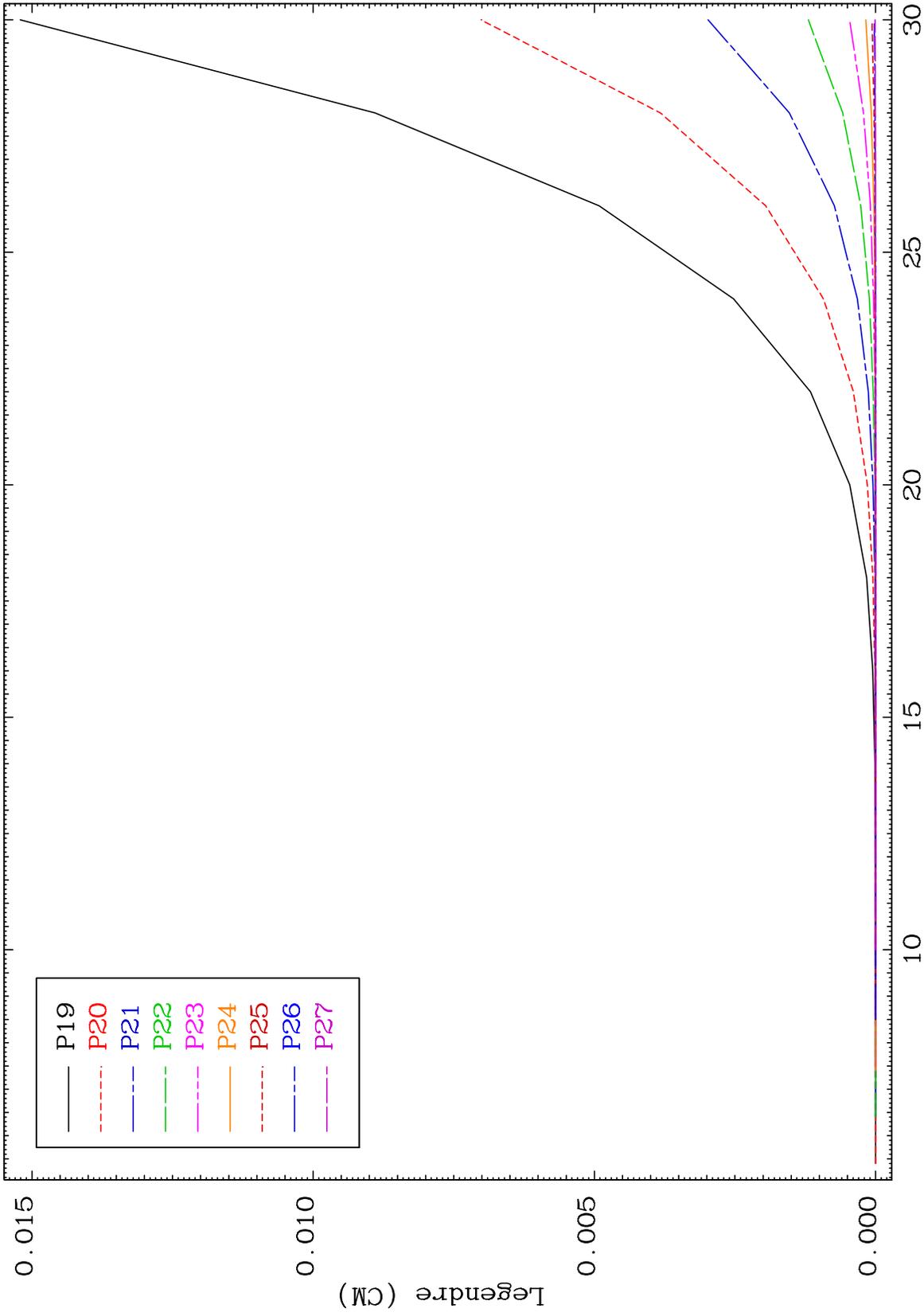




MAT 6501

Elastic Legendre Coefficients

65-Tb-151



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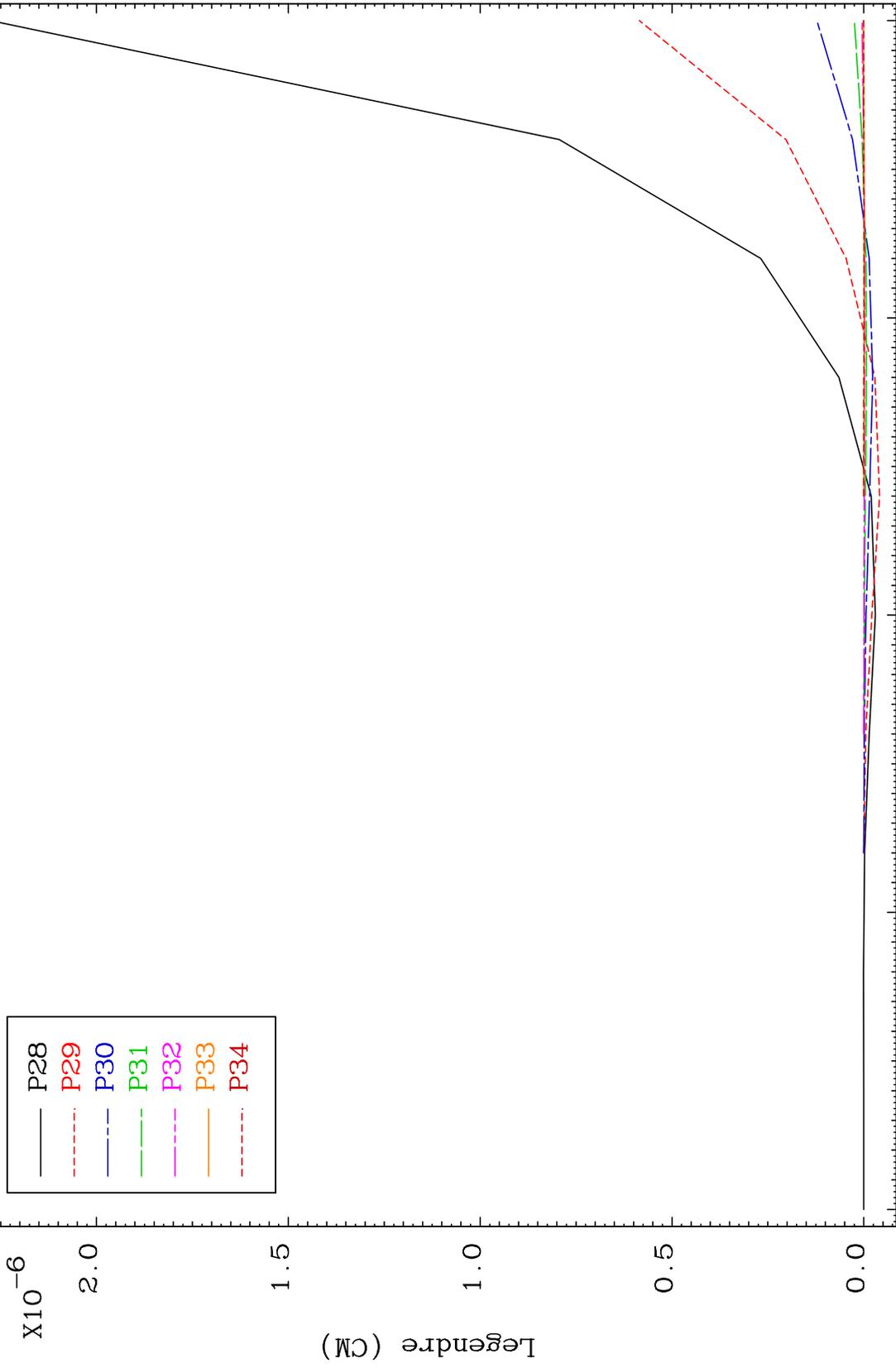
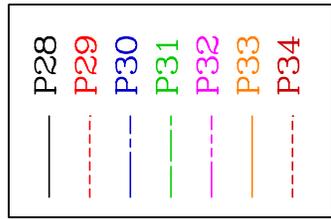
Incident Energy (MeV)

65-Tb-151

MAT 6501

Elastic Legendre Coefficients

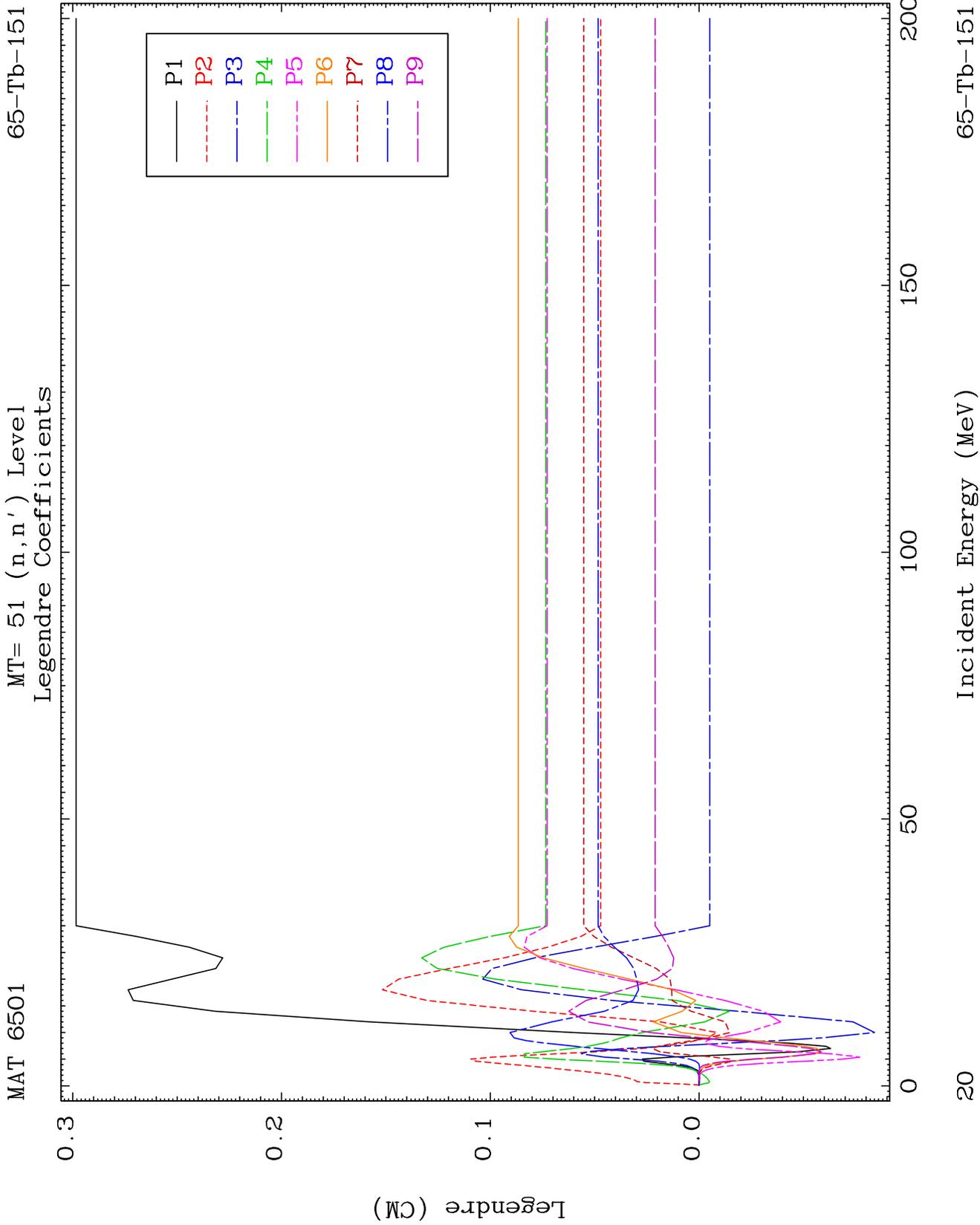
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Incident Energy (MeV)

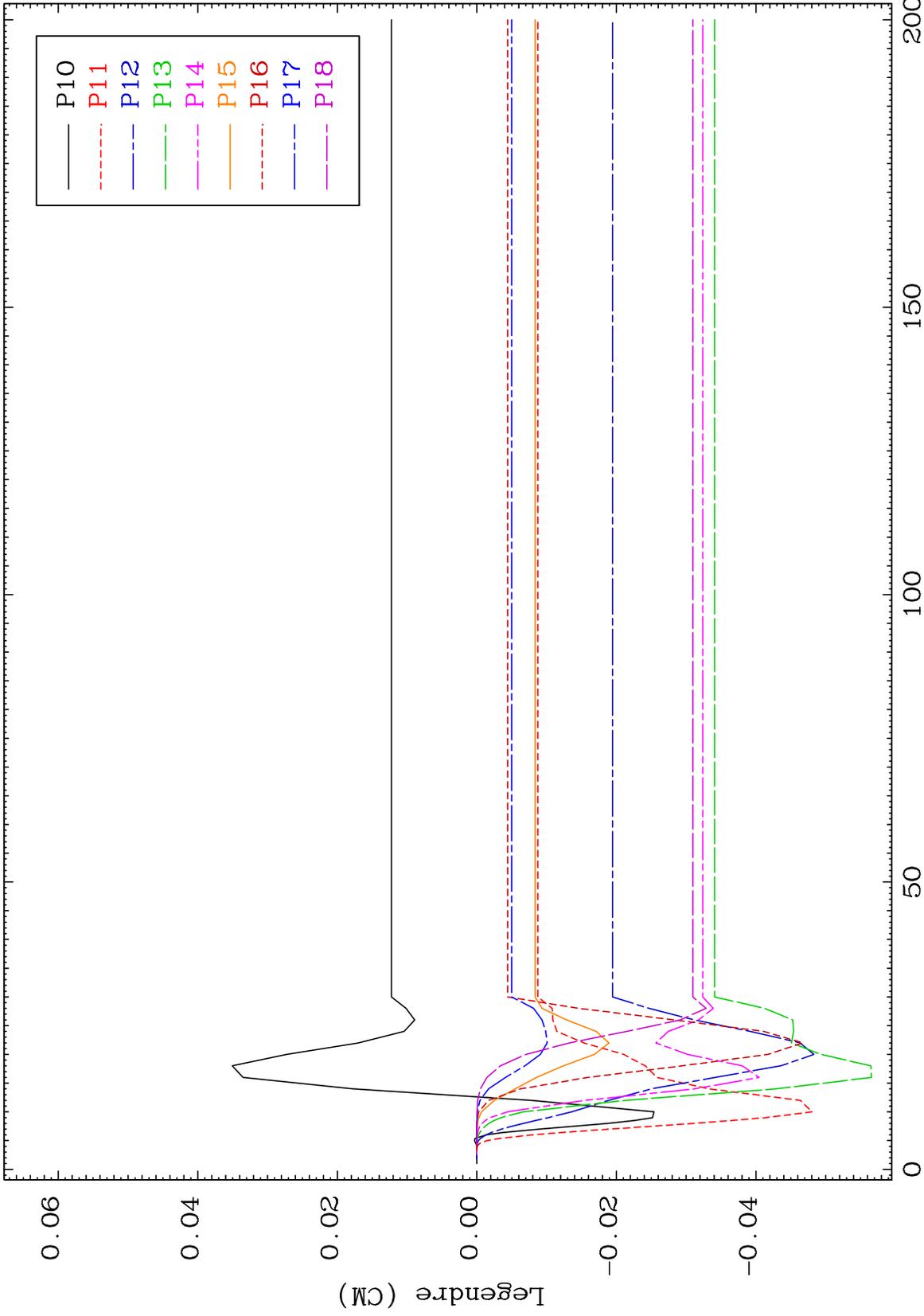
65-Tb-151



MAT 6501

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

65-Tb-151

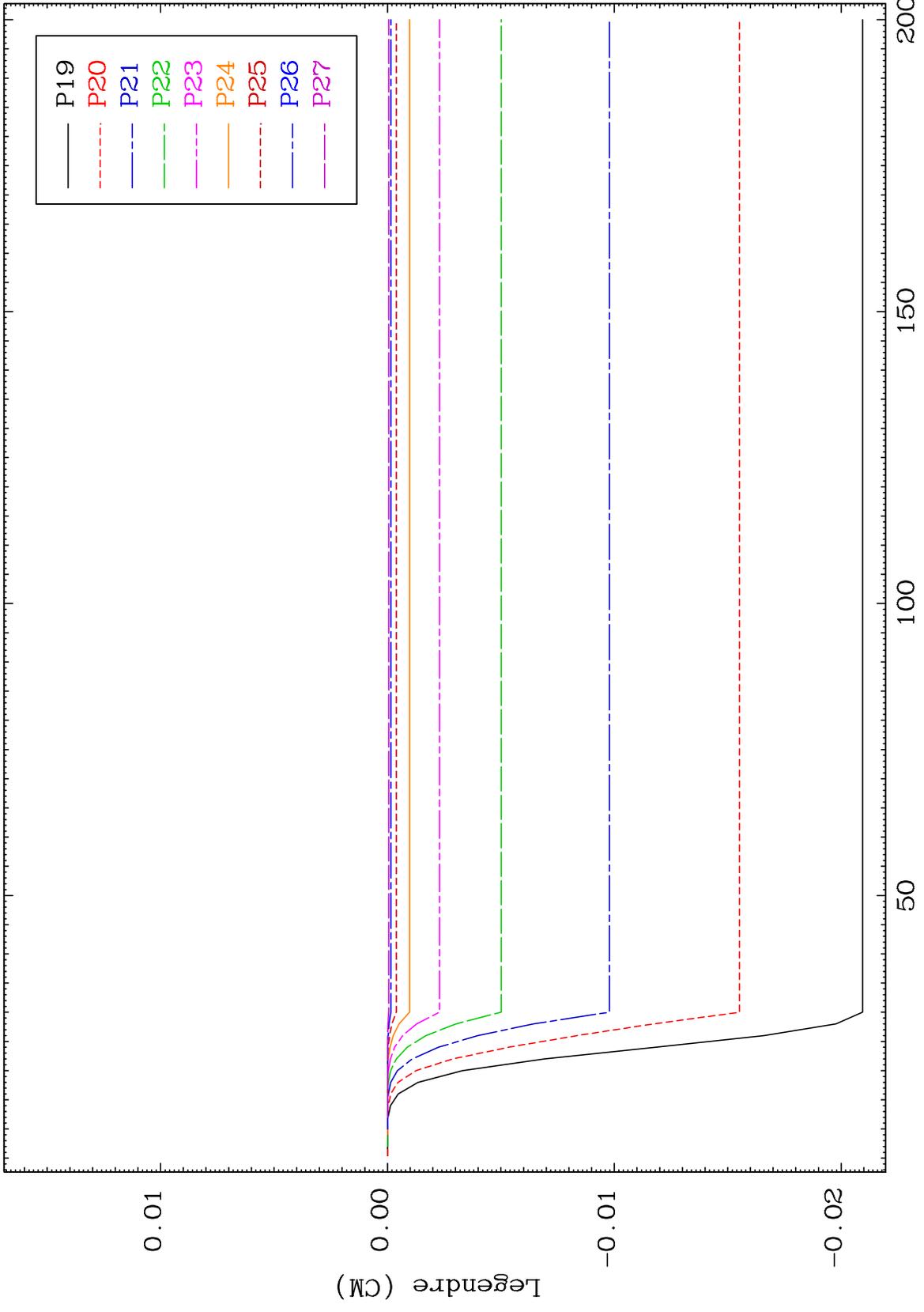


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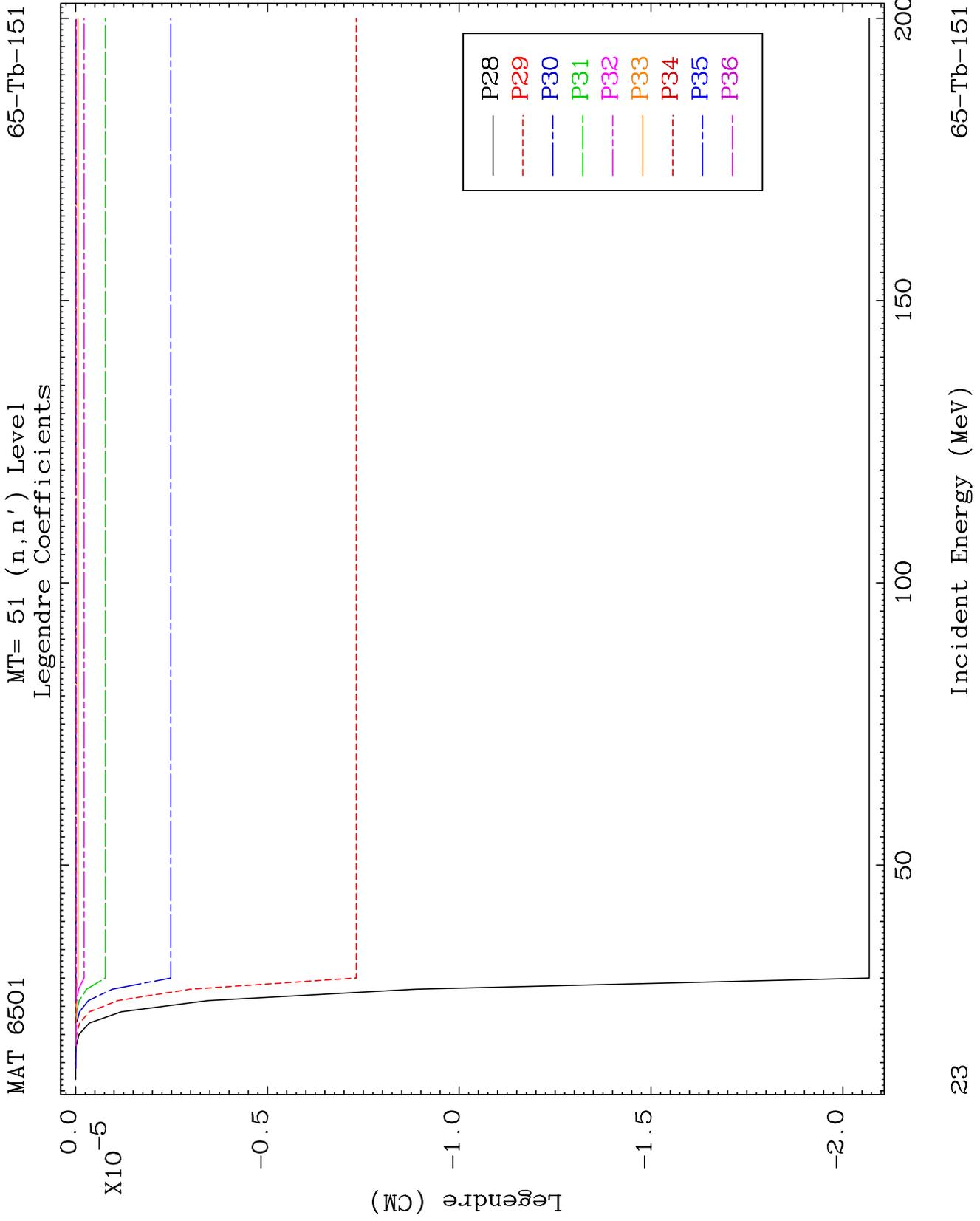
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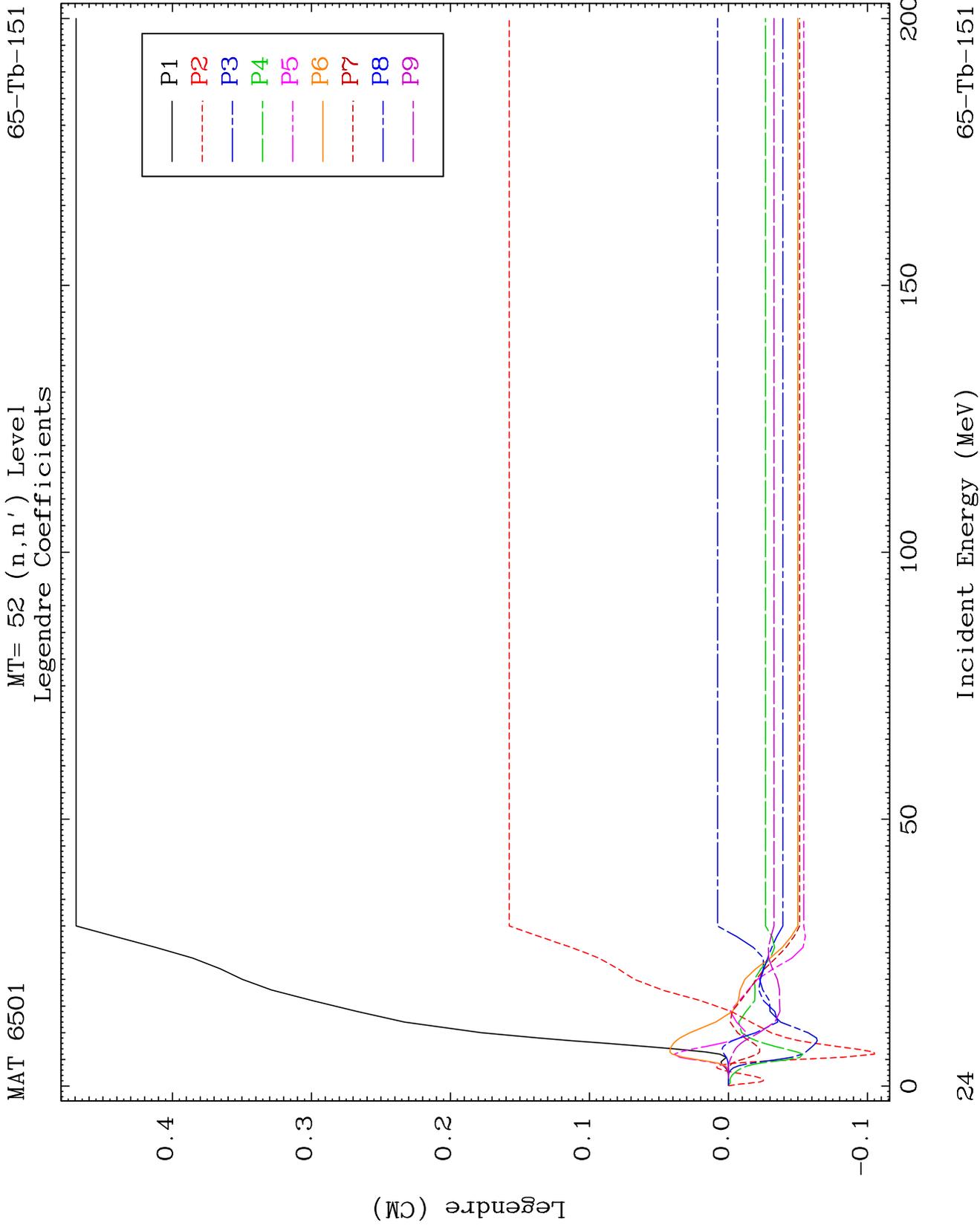
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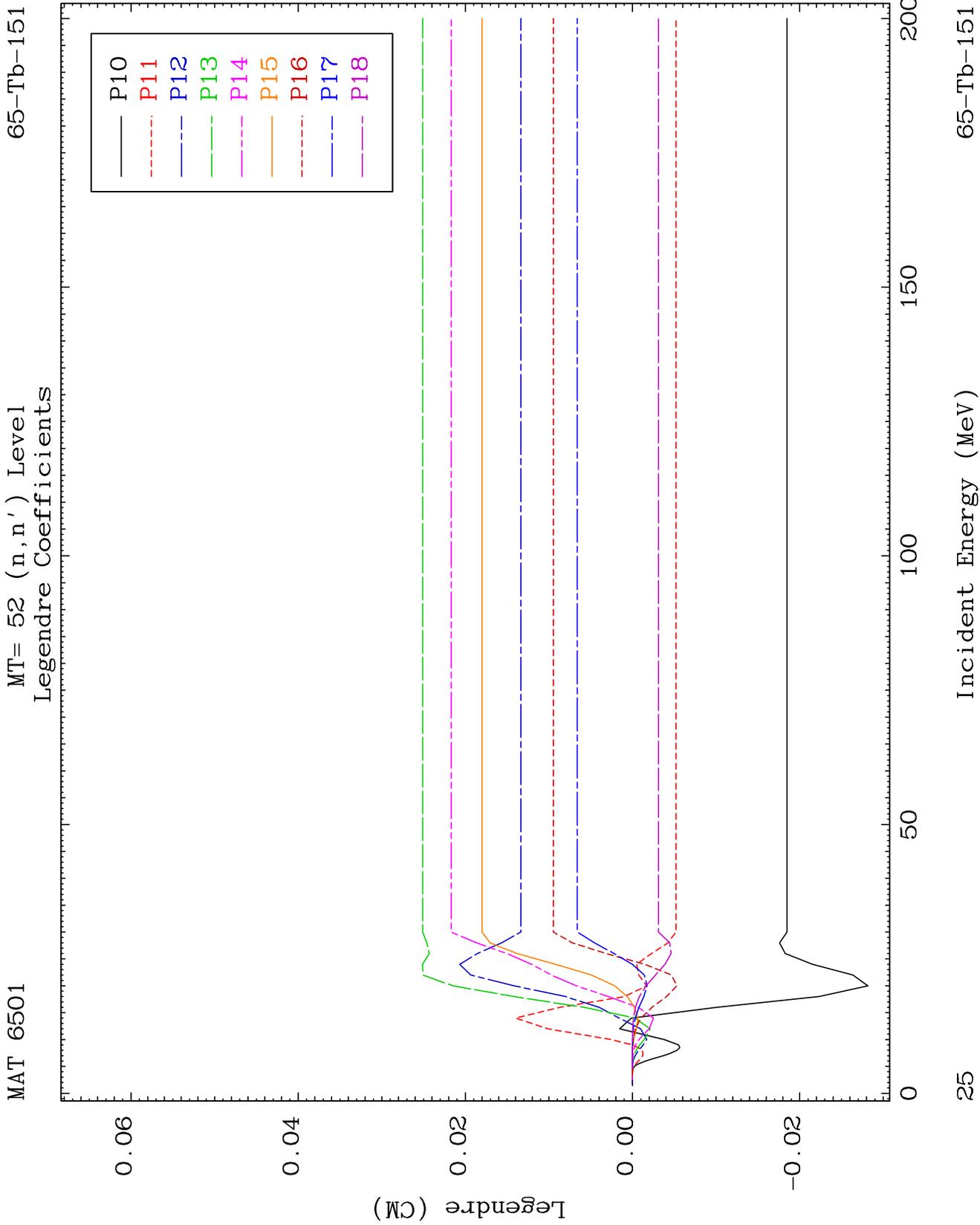
MAT 6501 MT= 51 (n,n') Level Legendre Coefficients 65-Tb-151



22 Incident Energy (MeV) 65-Tb-151



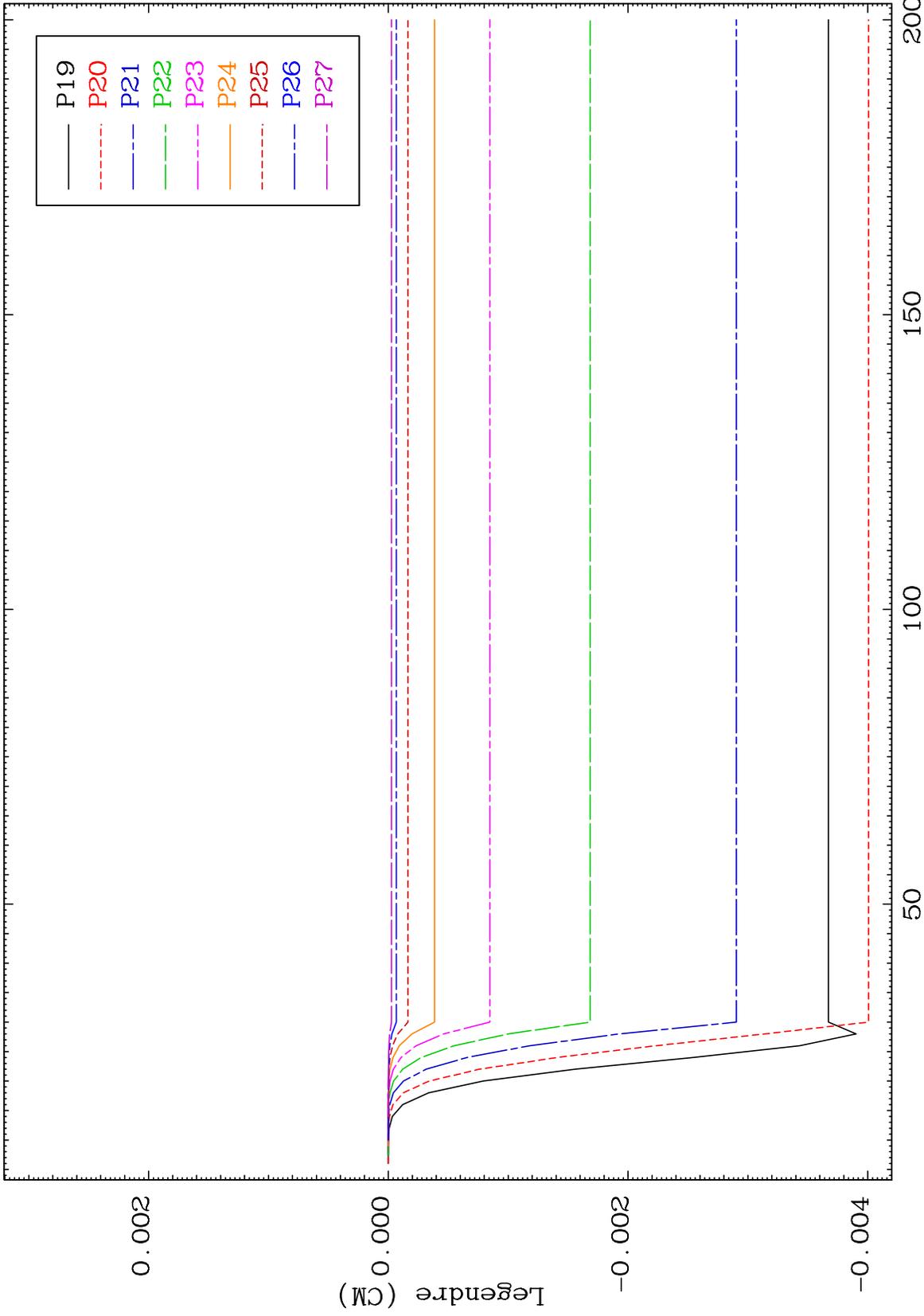




MAT 6501

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Legendre Coefficients

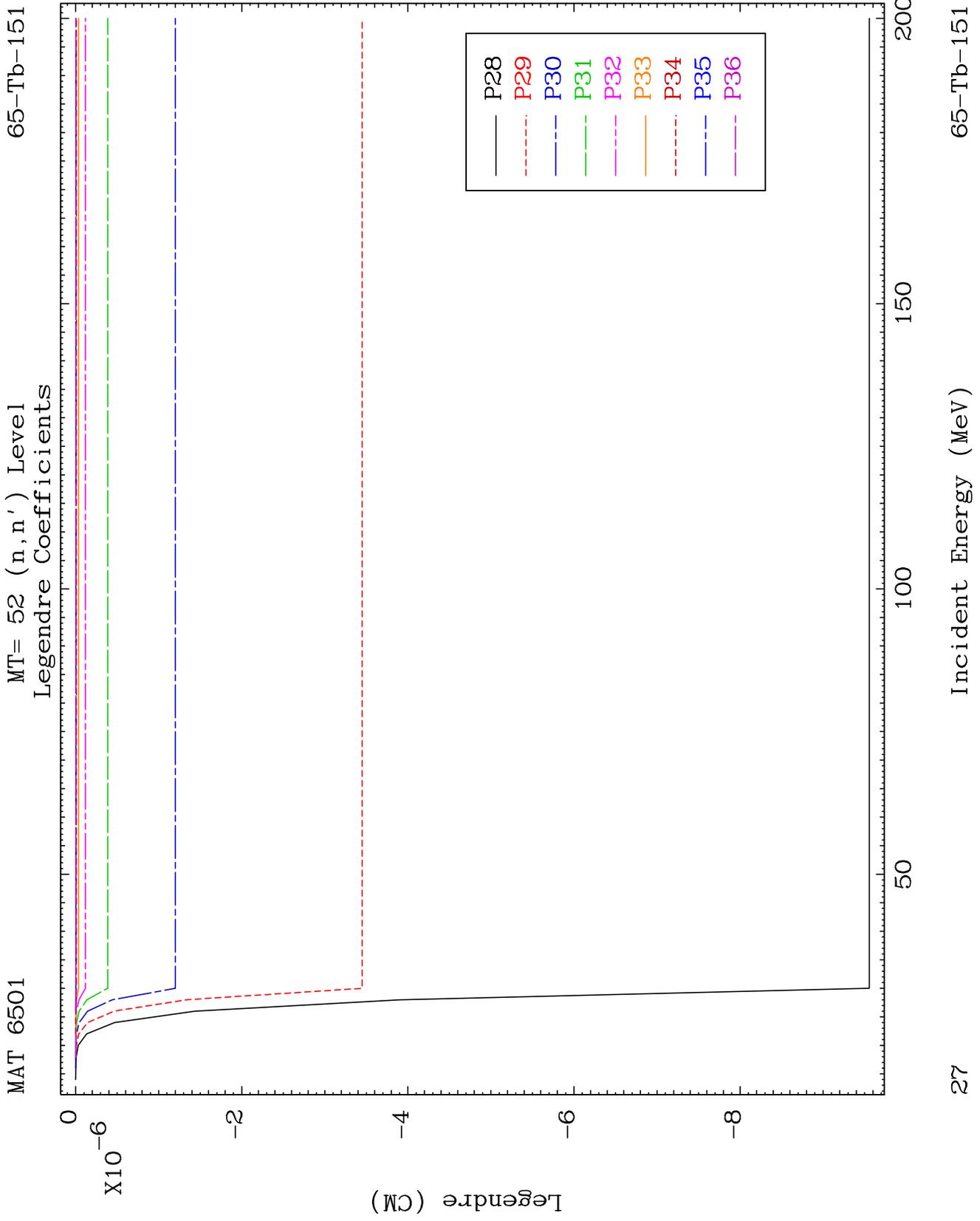
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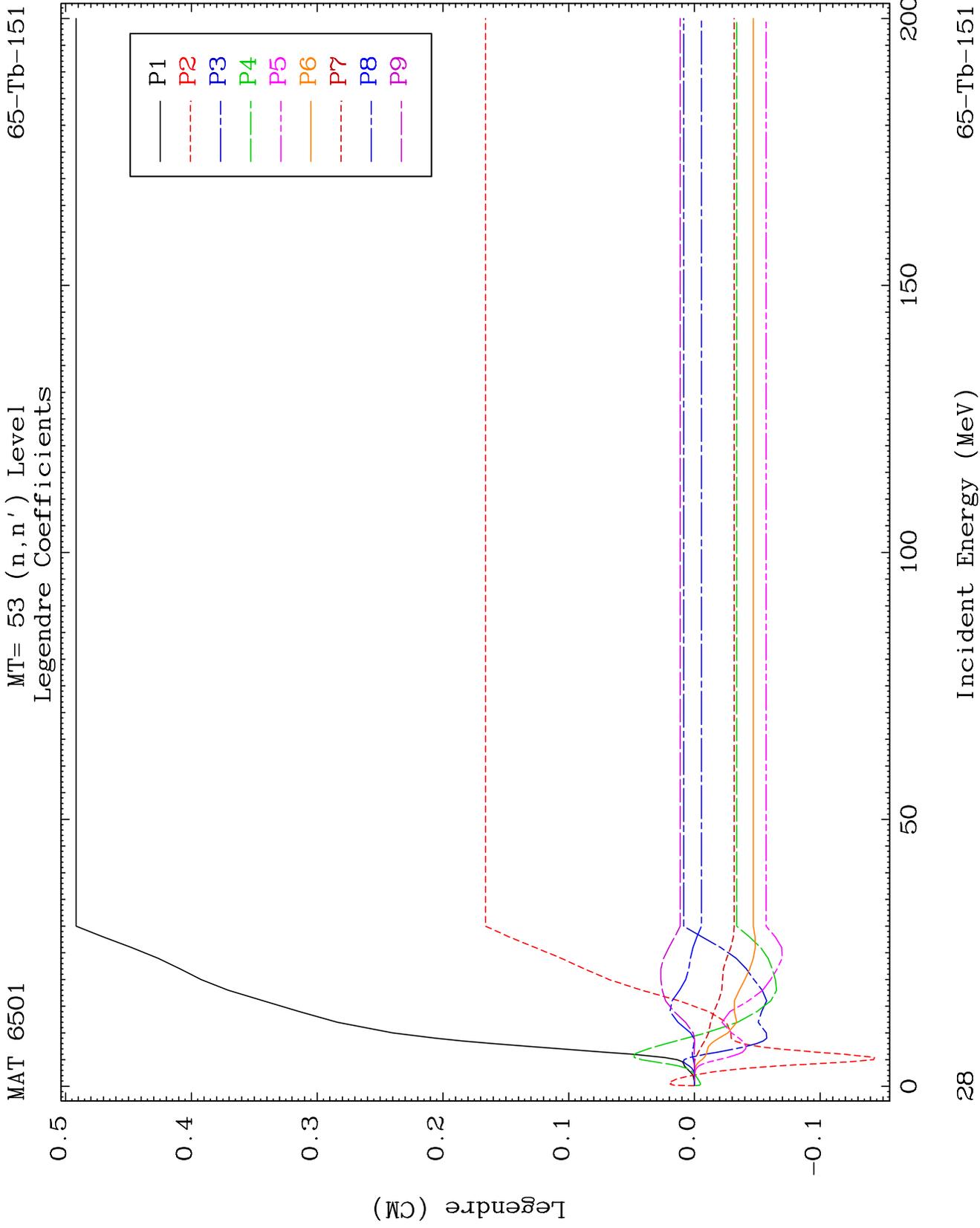


26

Incident Energy (MeV)

65-Tb-151

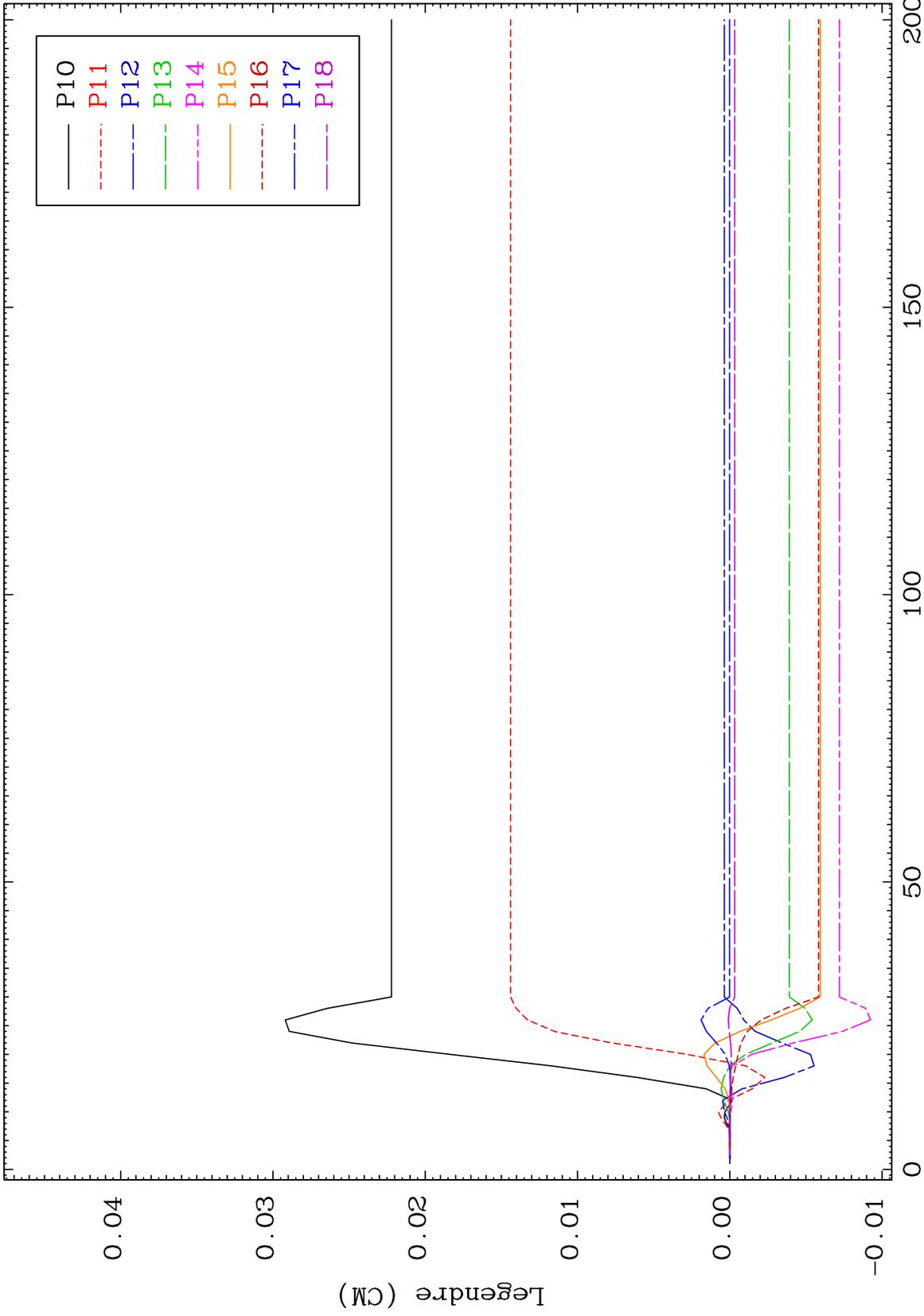




MAT 6501

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

65-Tb-151



29

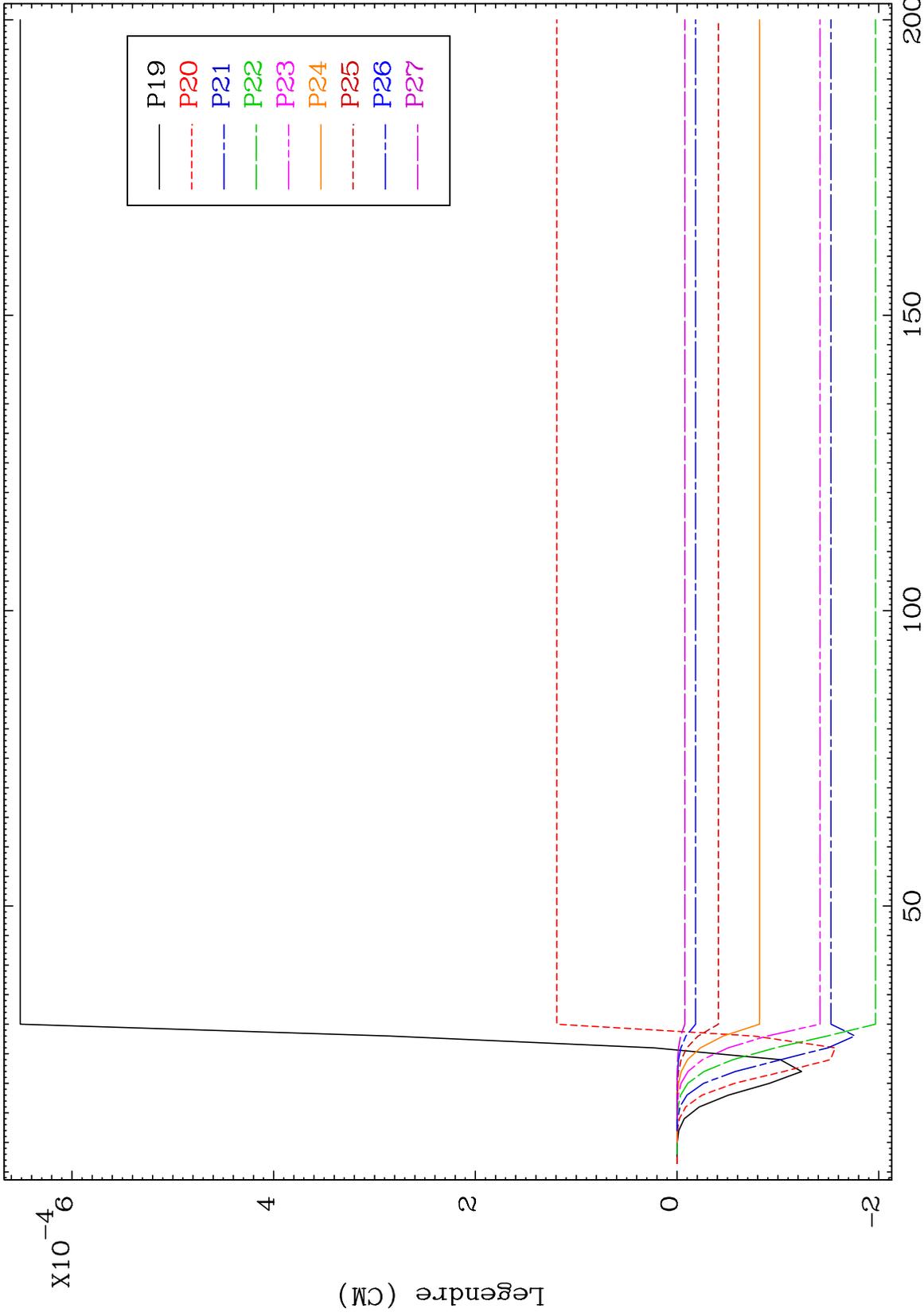
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

65-Tb-151

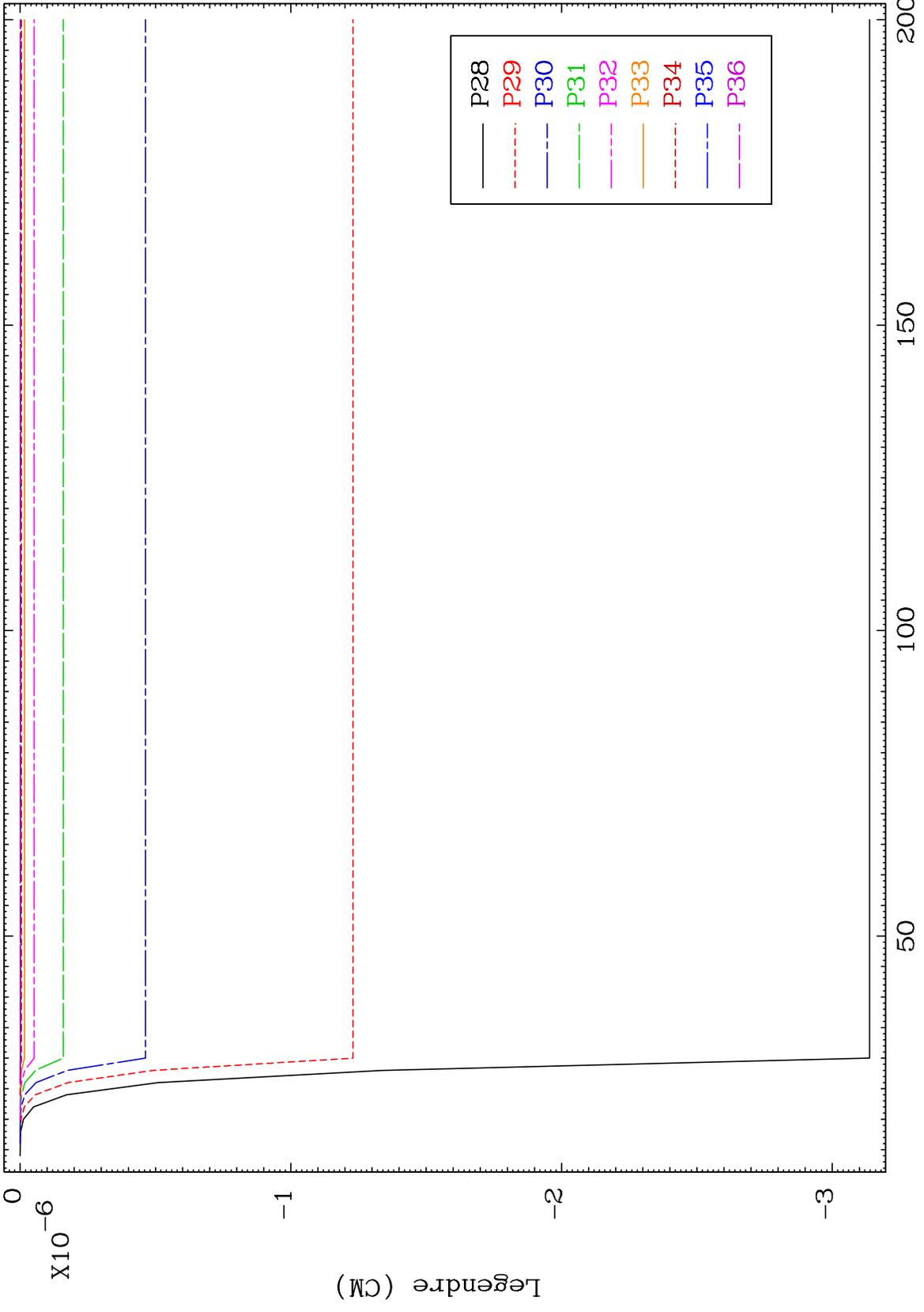


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Incident Energy (MeV)

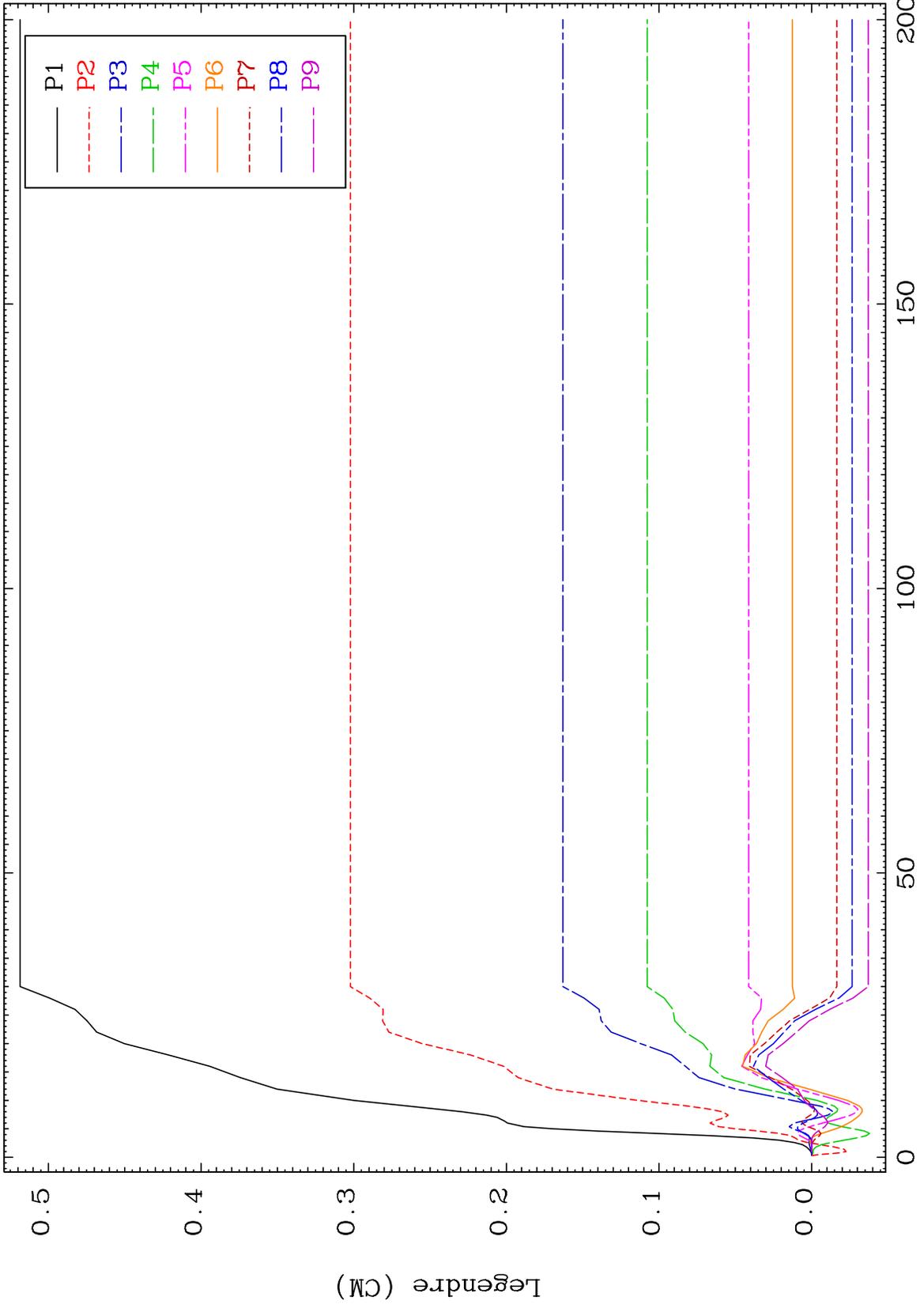
65-Tb-151

MAT 6501 MT= 53 (n,n') Level Legendre Coefficients 65-Tb-151



31 Incident Energy (MeV) 65-Tb-151

MAT 6501 MT= 54 (n,n') Level Legendre Coefficients 65-Tb-151

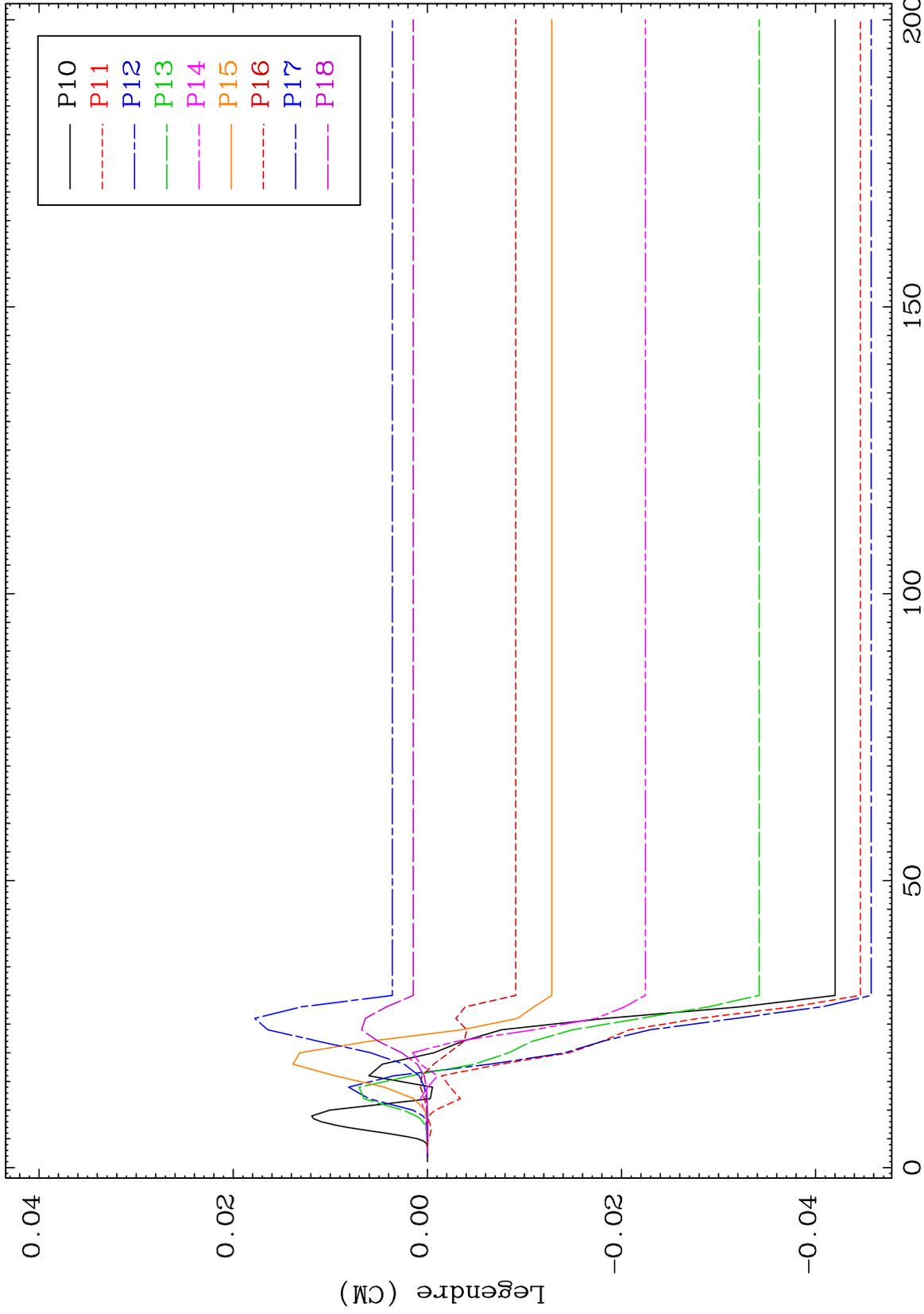


32 Incident Energy (MeV) 65-Tb-151

MAT 6501

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

65-Tb-151



33

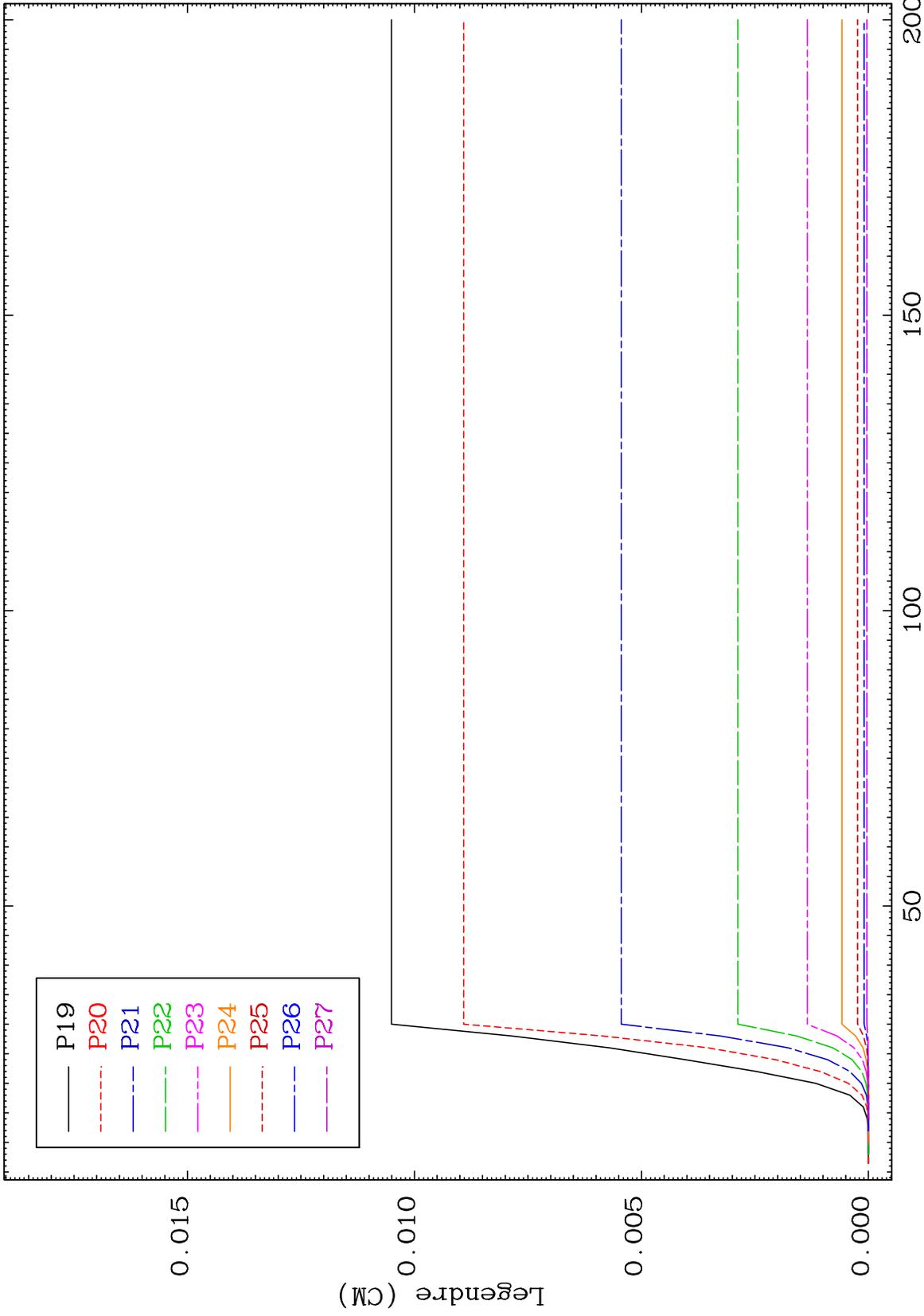
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

65-Tb-151



34

Incident Energy (MeV)

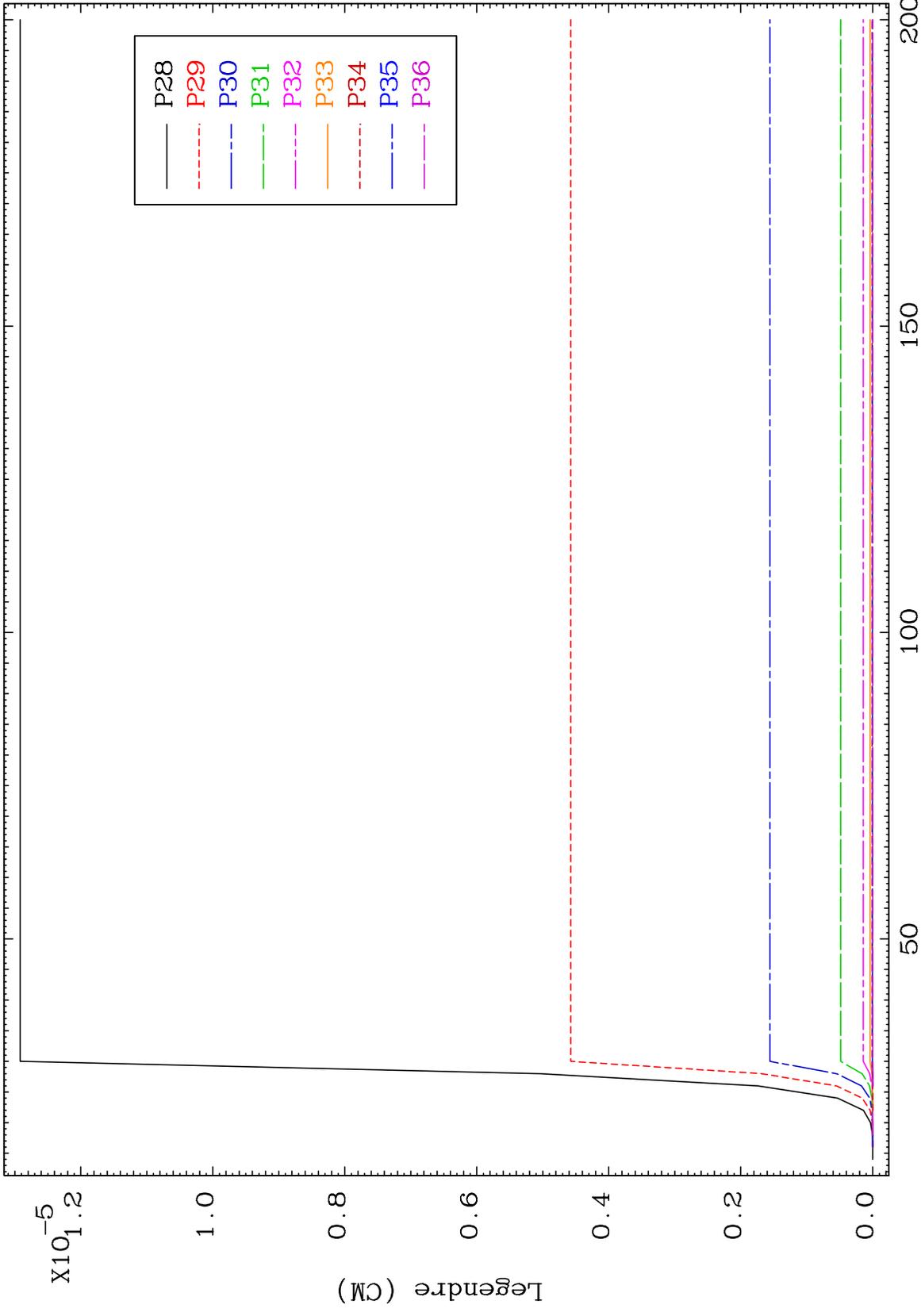
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MAT 6501

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

65-Tb-151

65-Tb-151



35

50

100

150

200

$\times 10^{-5}$   
1.2

1.0

0.8

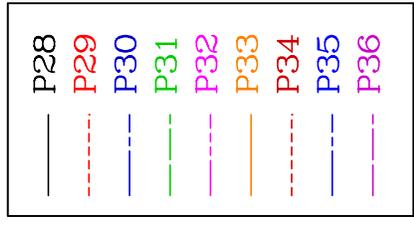
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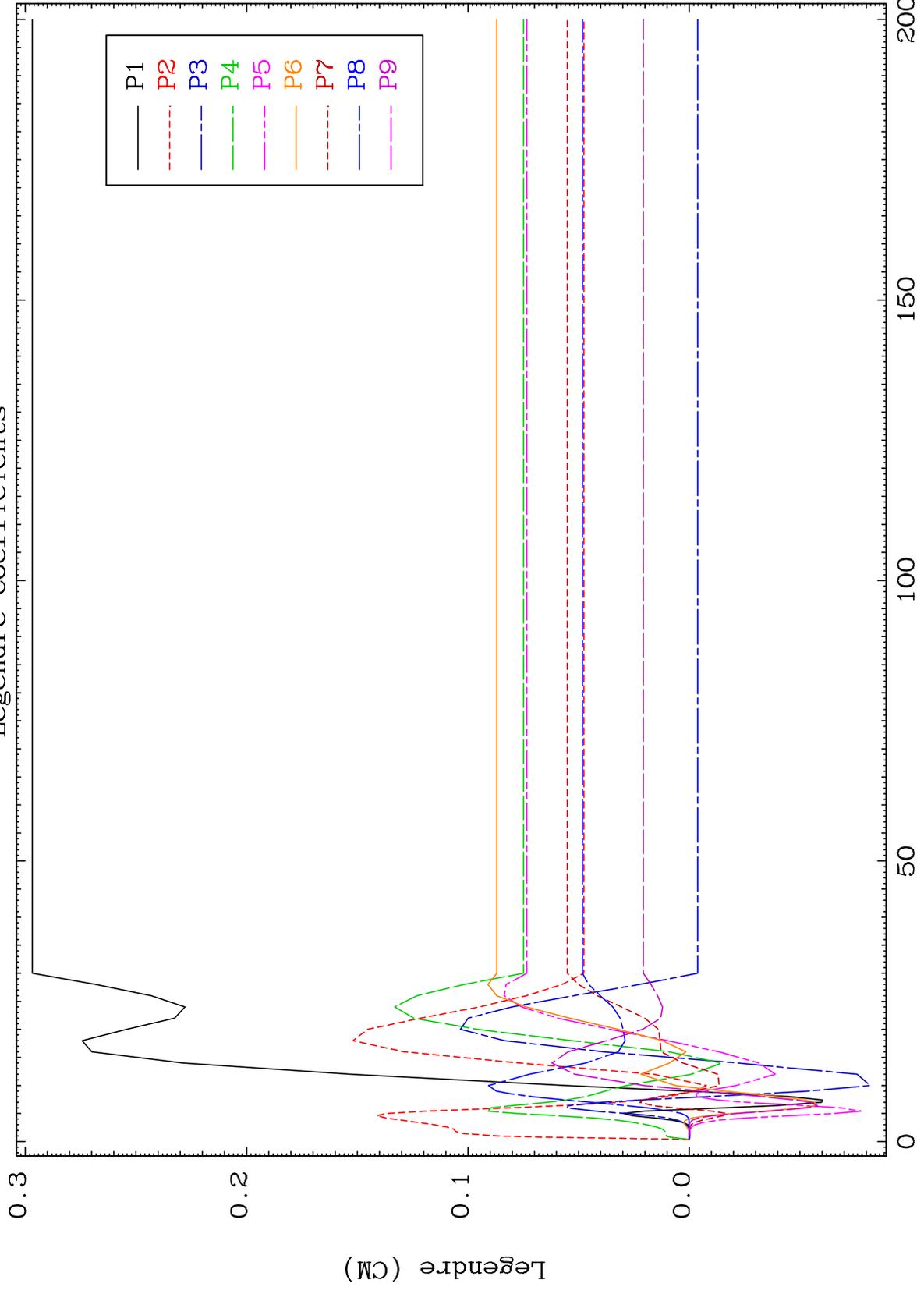
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0.0

Legendre (CM)



MAT 6501 MT= 55 (n,n') Level Legendre Coefficients 65-Tb-151

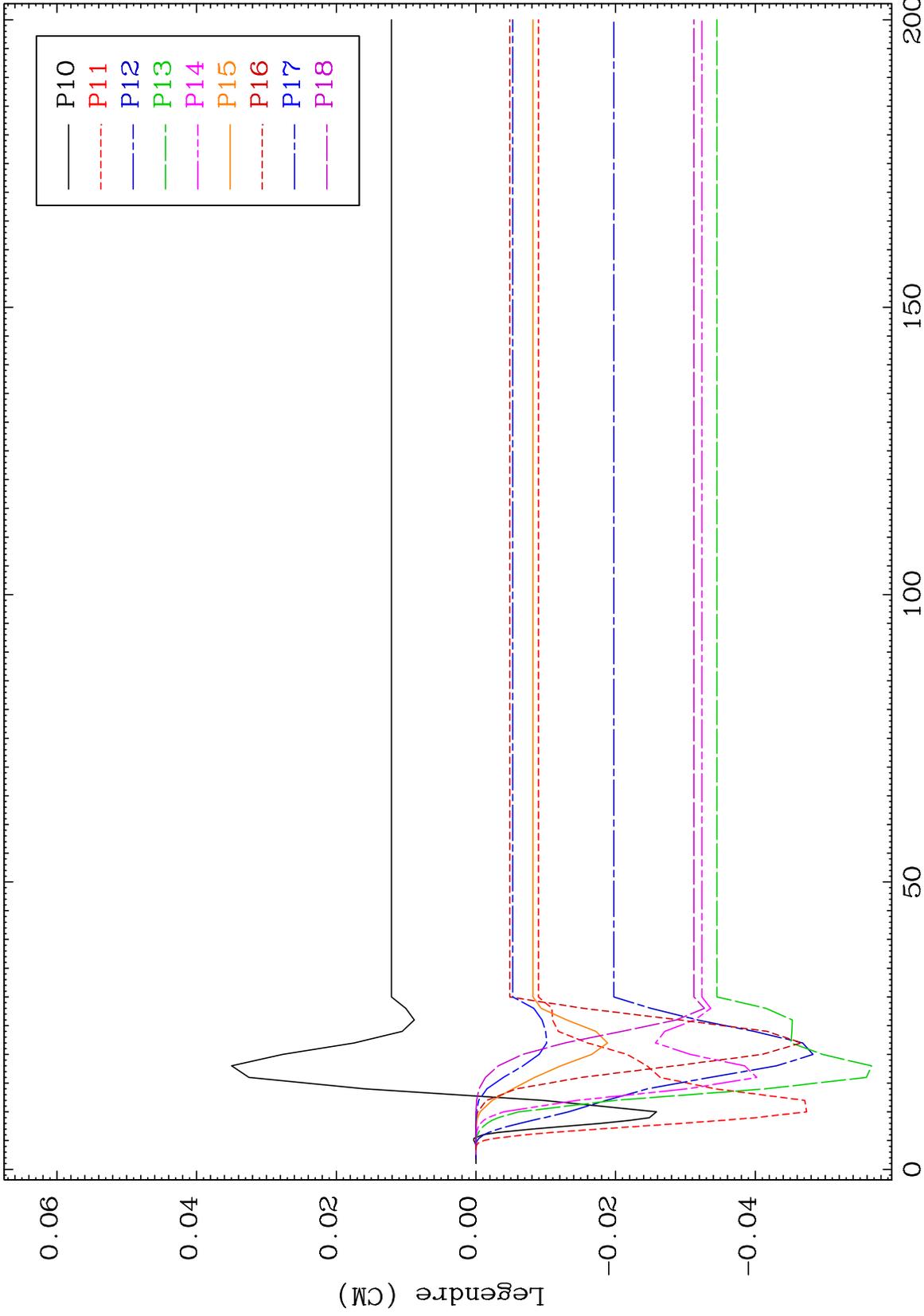


36 Incident Energy (MeV) 65-Tb-151

MAT 6501

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

65-Tb-151



37

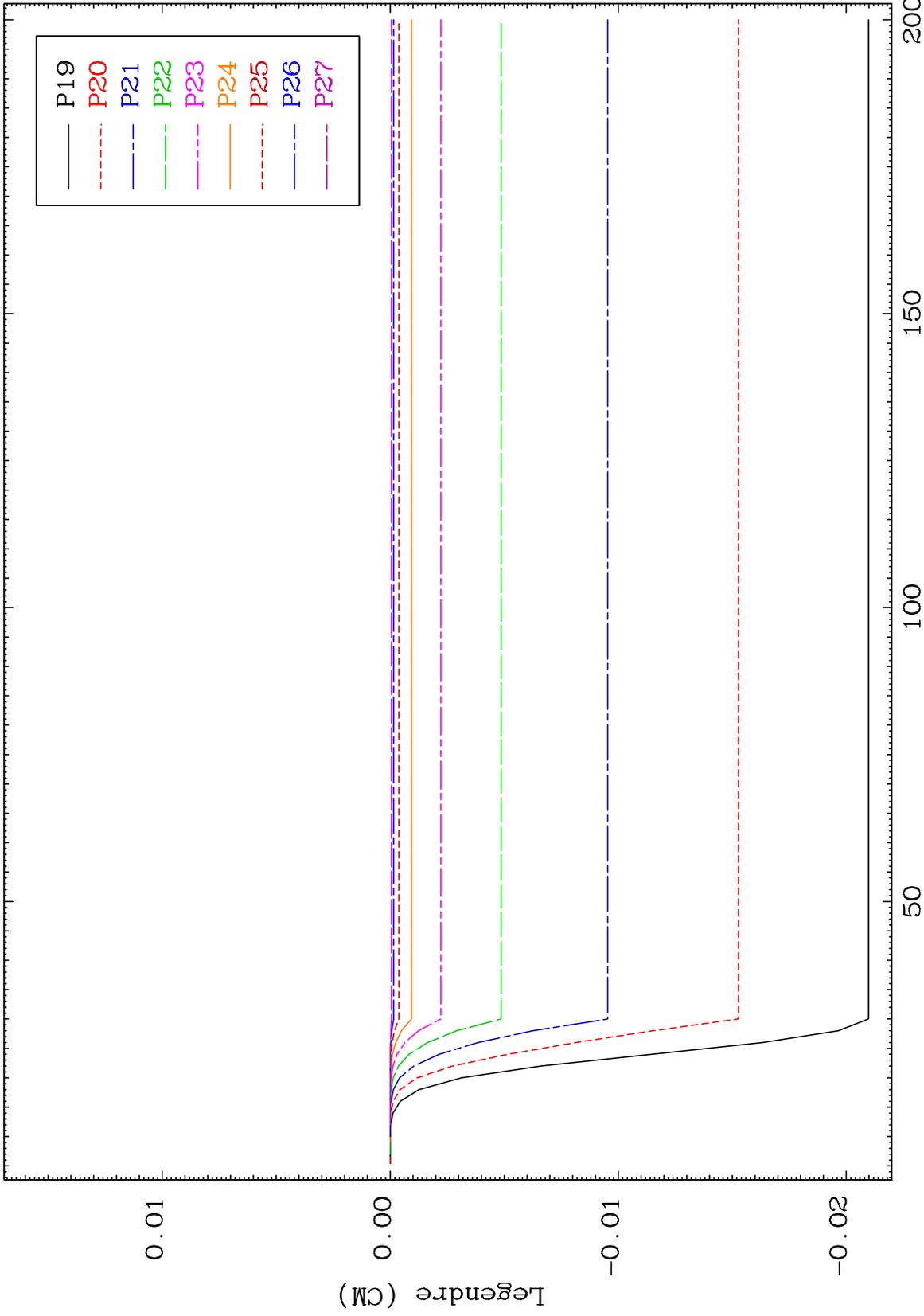
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

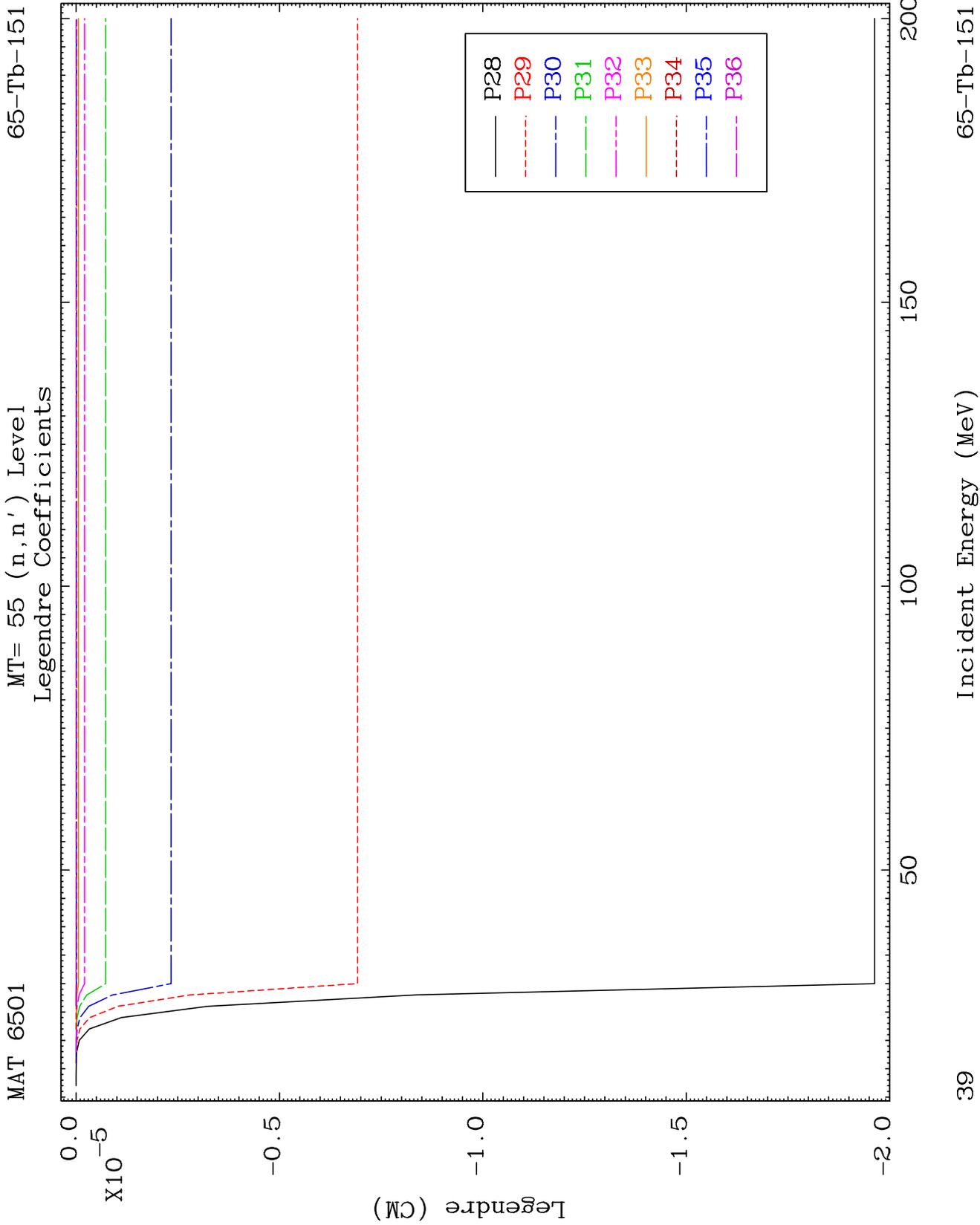
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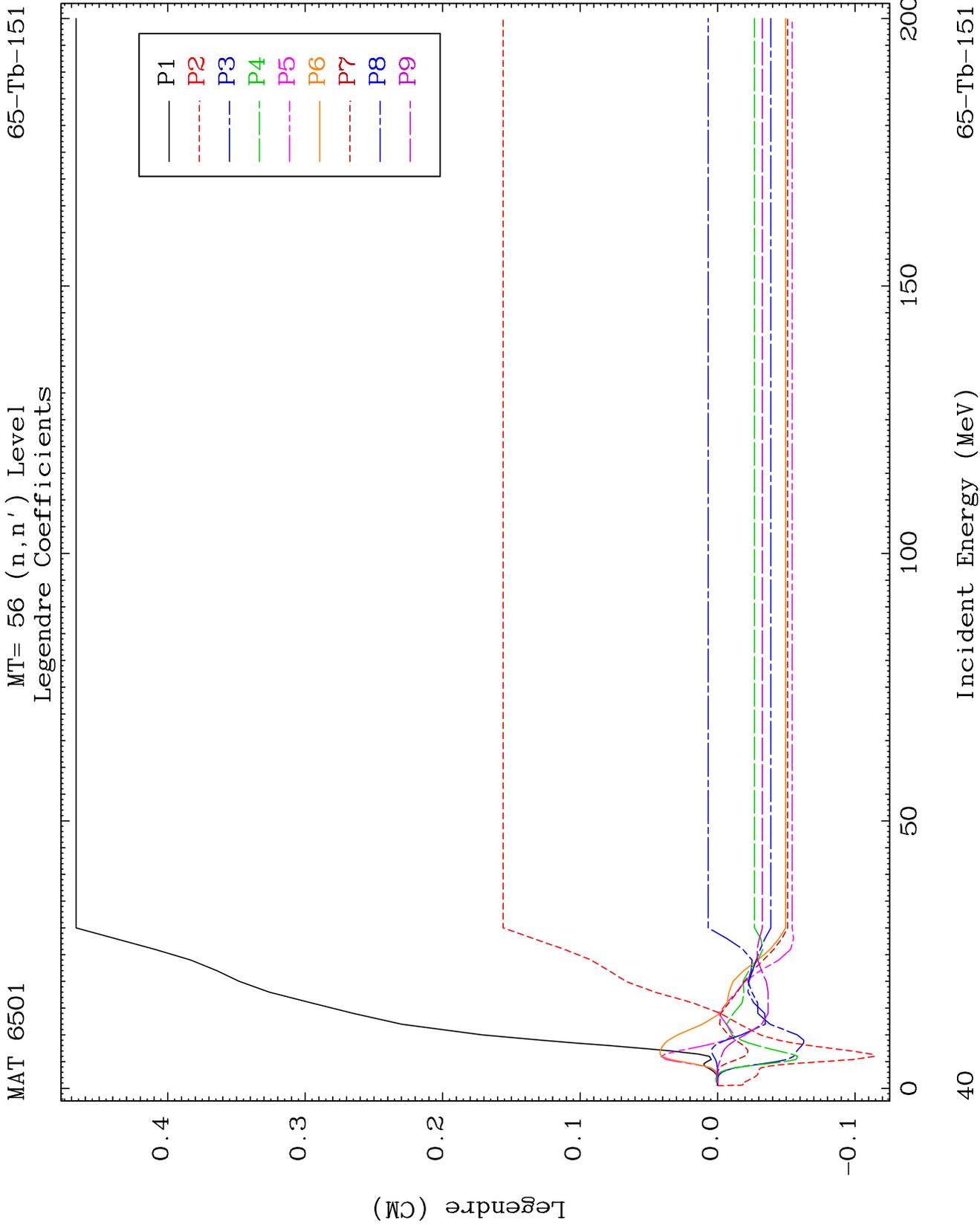


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Incident Energy (MeV)

65-Tb-151

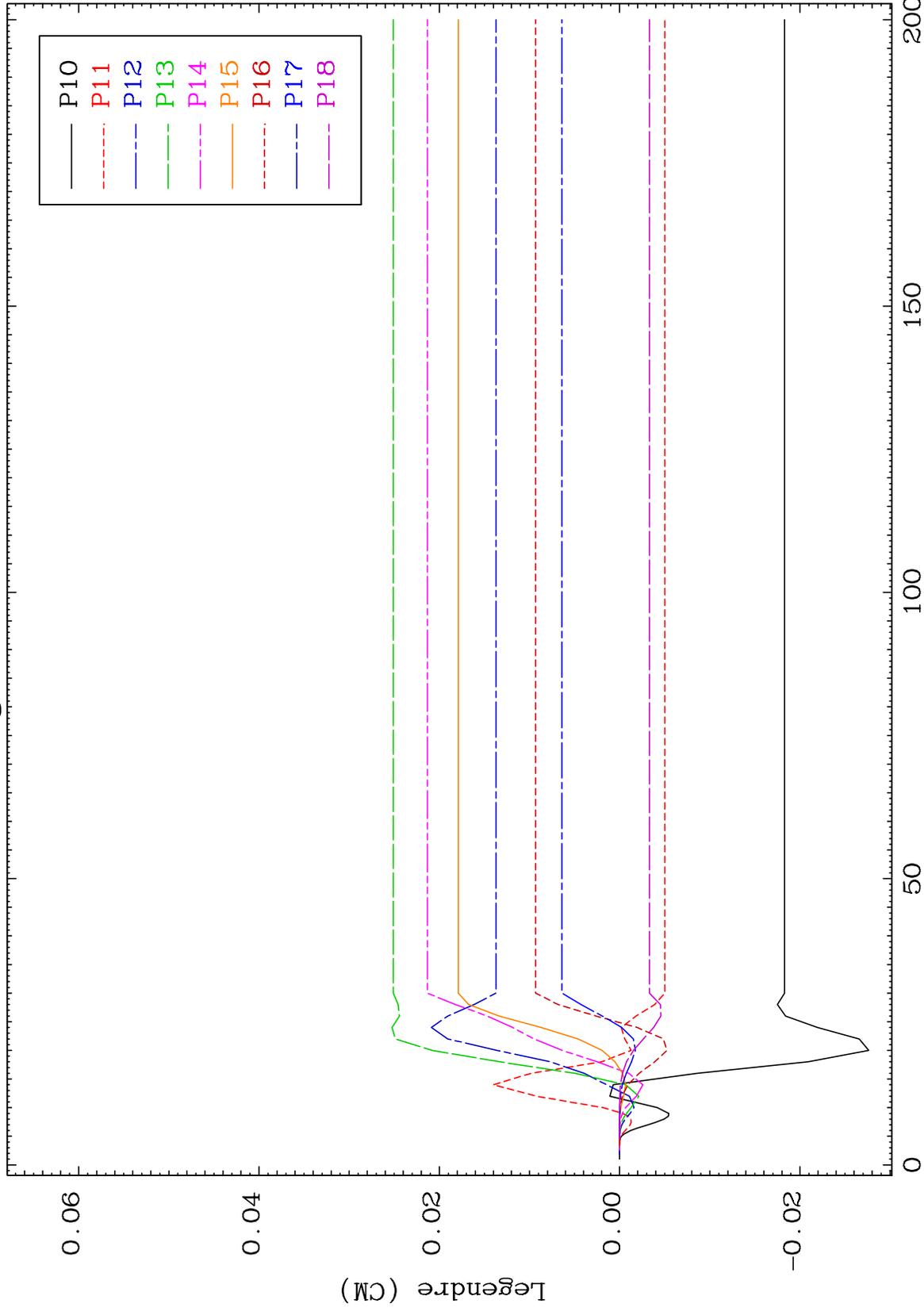




MAT 6501

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

65-Tb-151



41

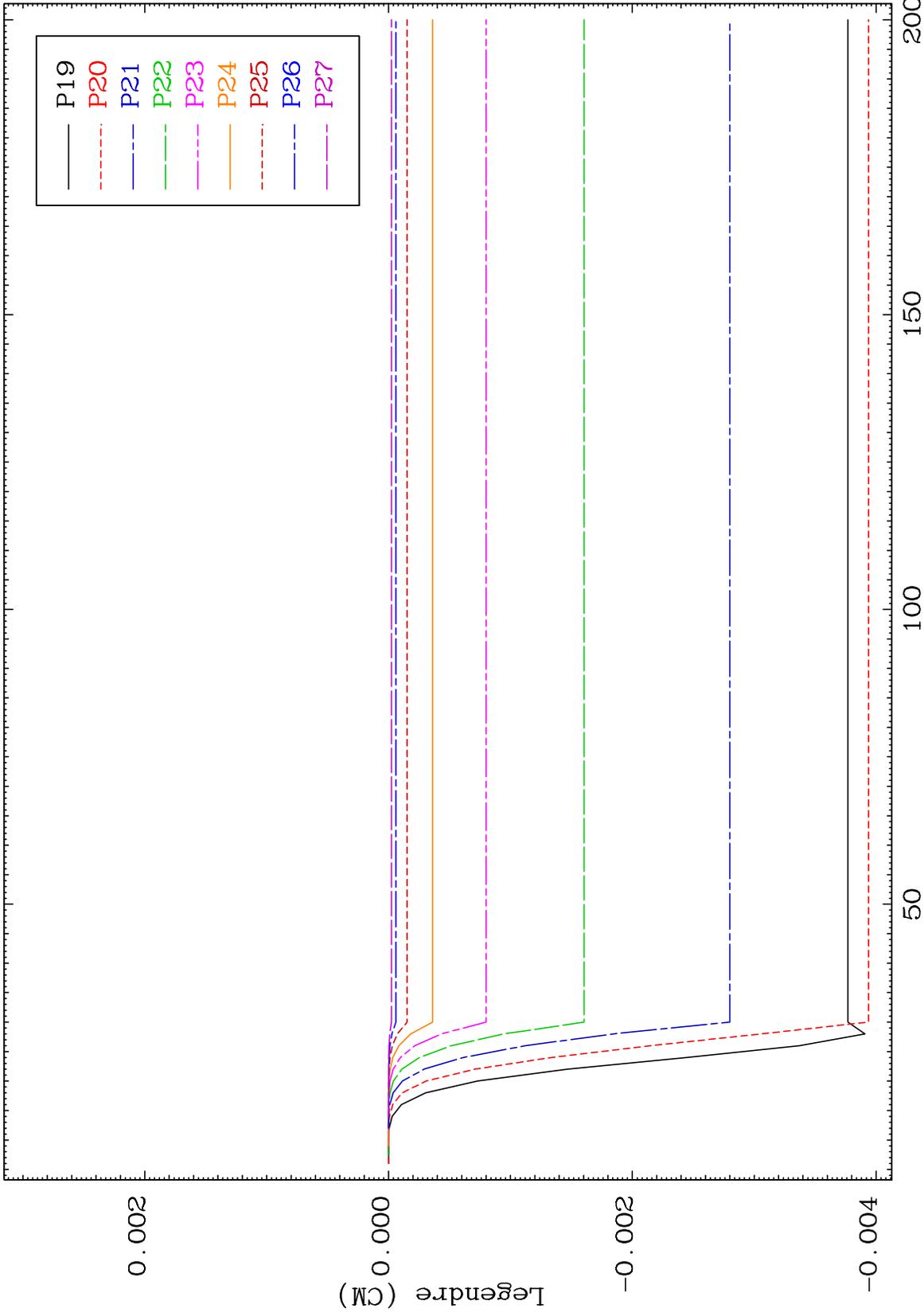
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

65-Tb-151



42

Incident Energy (MeV)

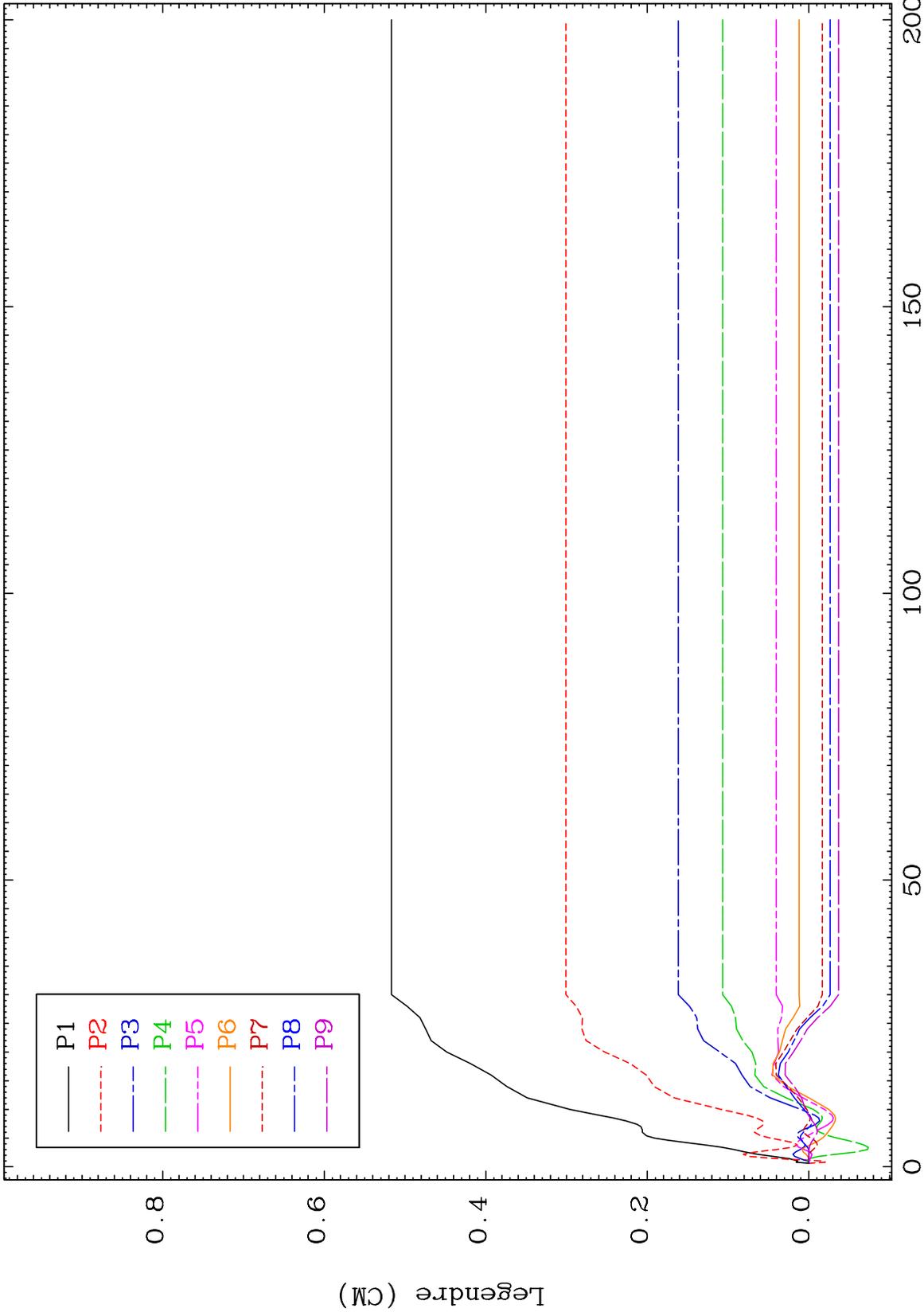
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MAT 6501

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

65-Tb-151



44

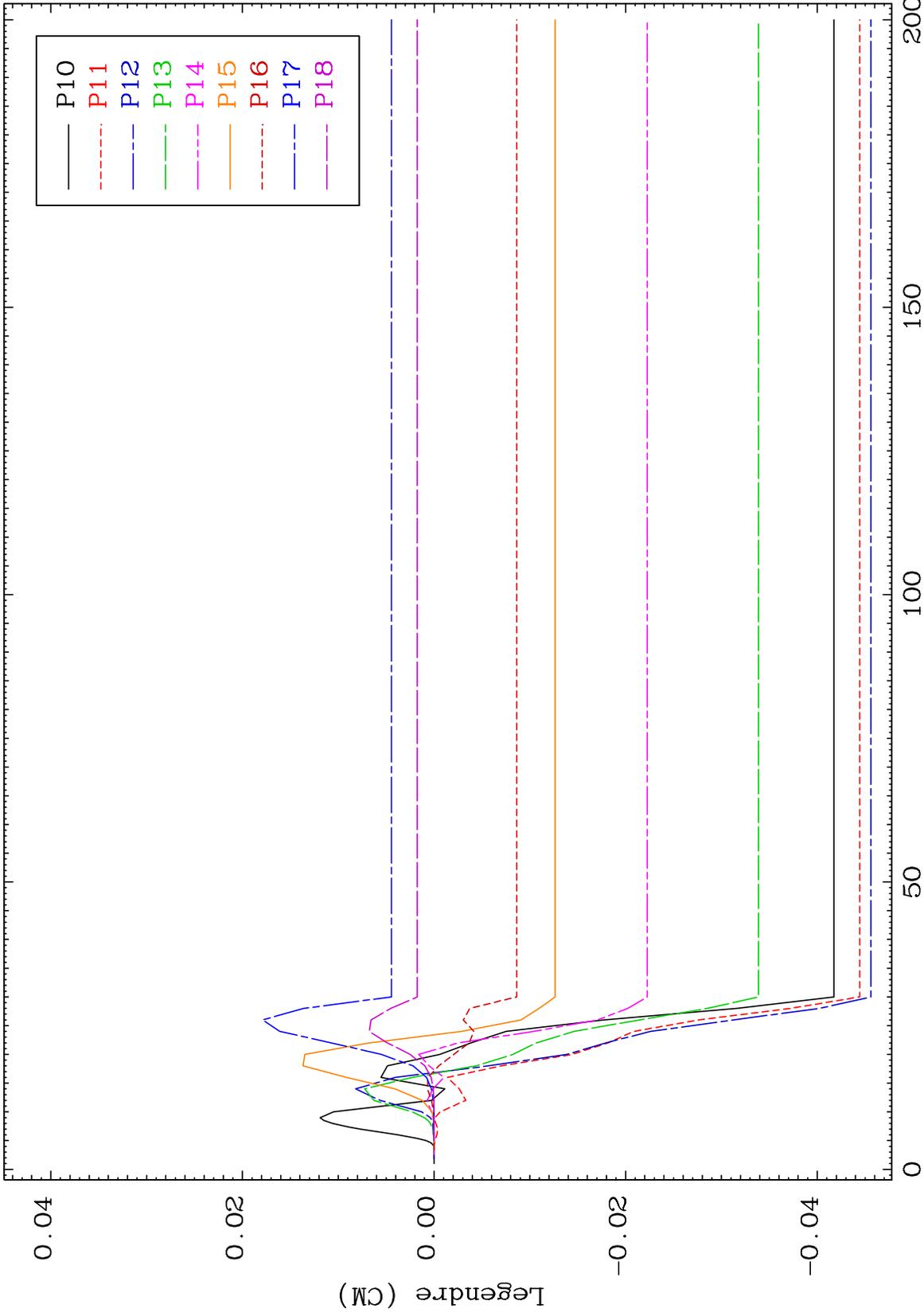
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

65-Tb-151



45

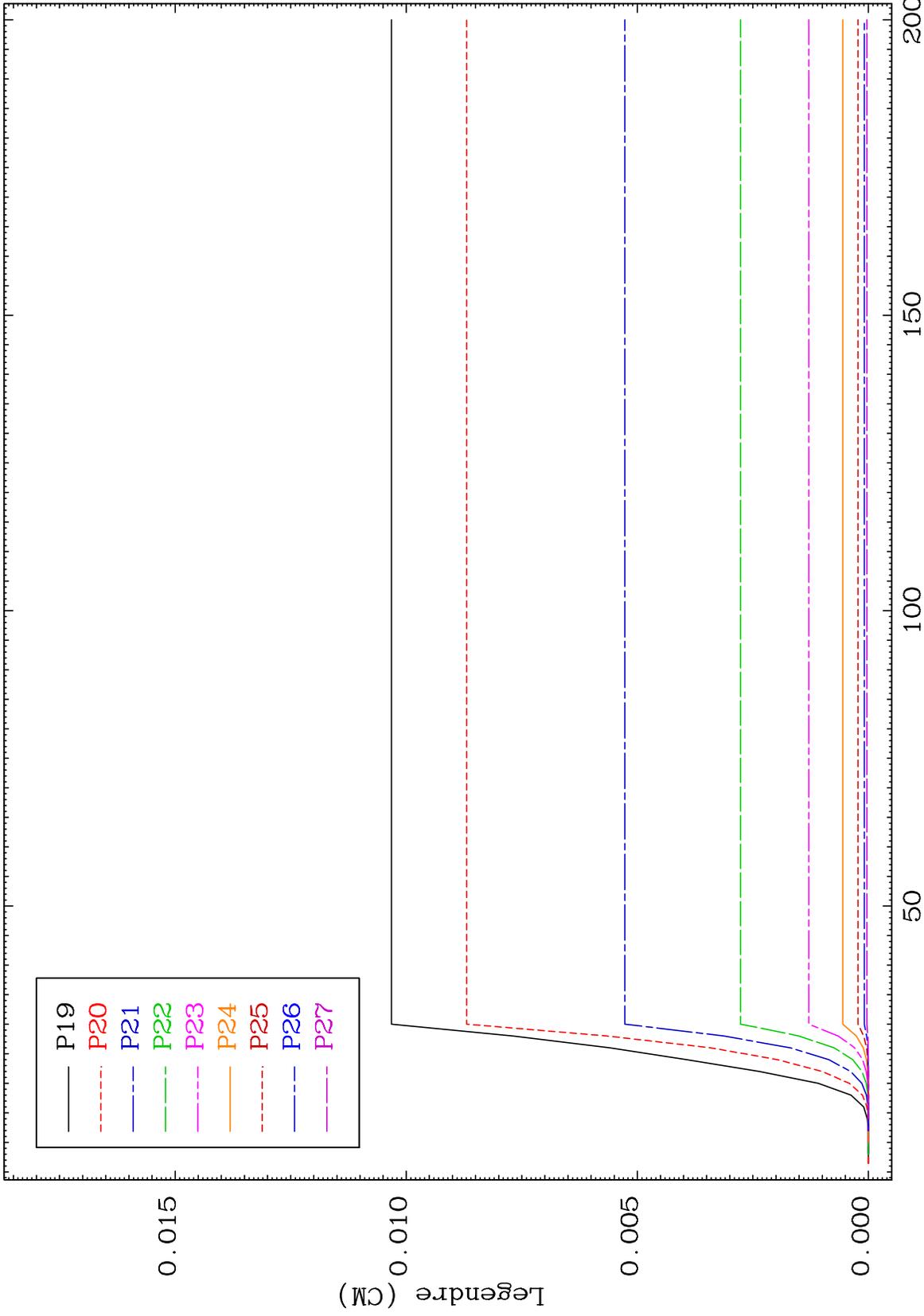
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

65-Tb-151



46

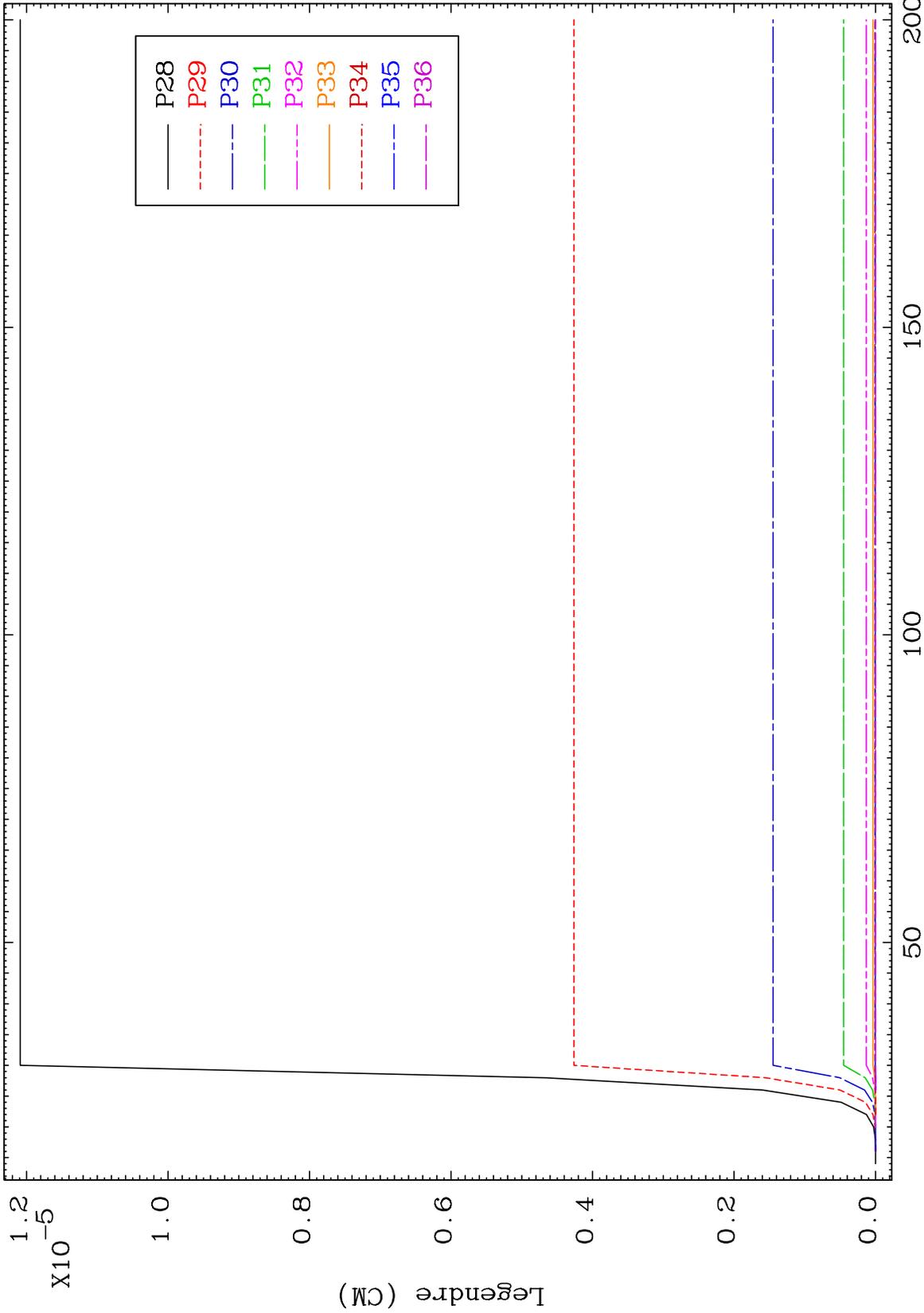
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

65-Tb-151

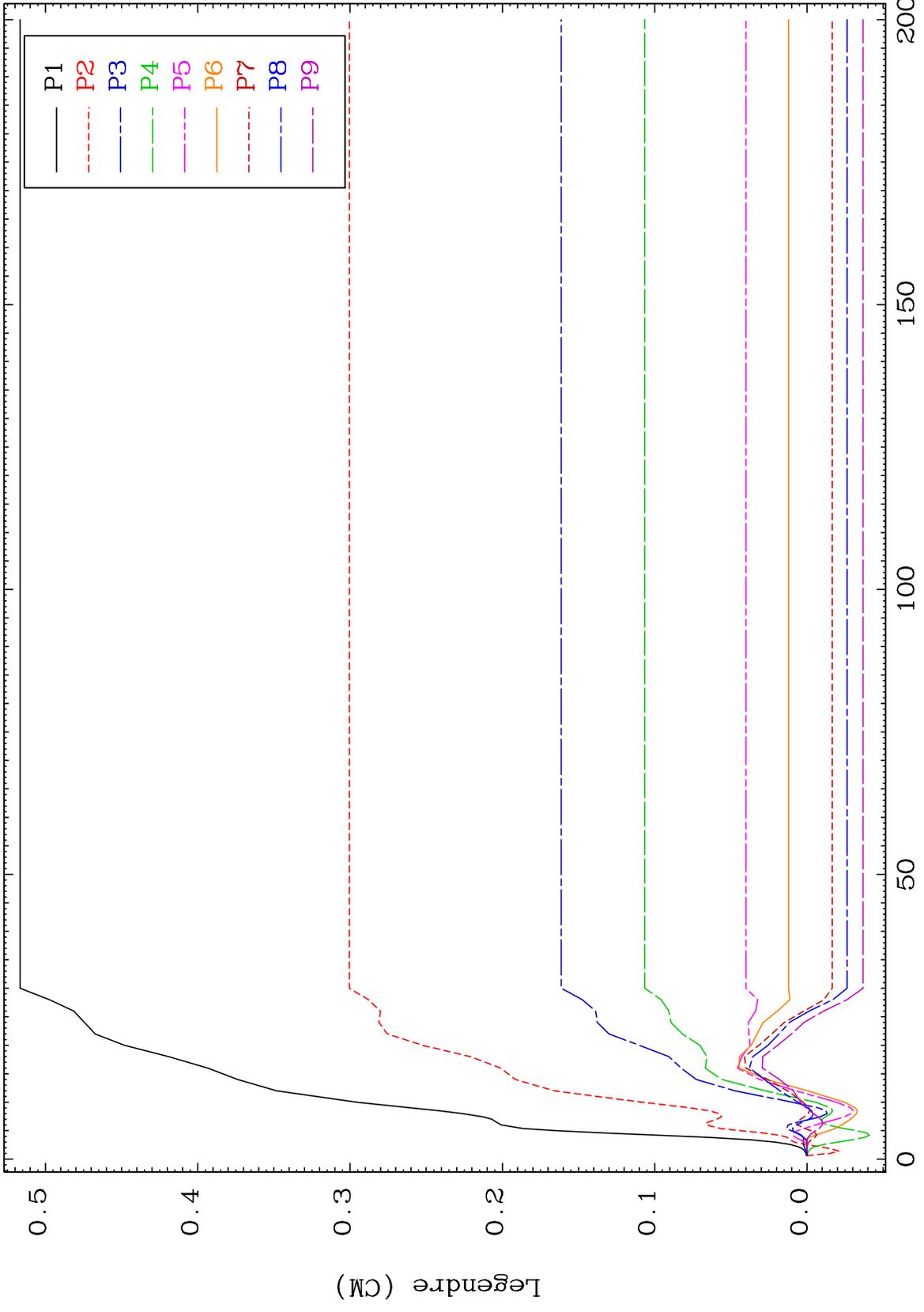


47

Incident Energy (MeV)

65-Tb-151

MAT 6501 MT= 58 (n,n') Level Legendre Coefficients 65-Tb-151

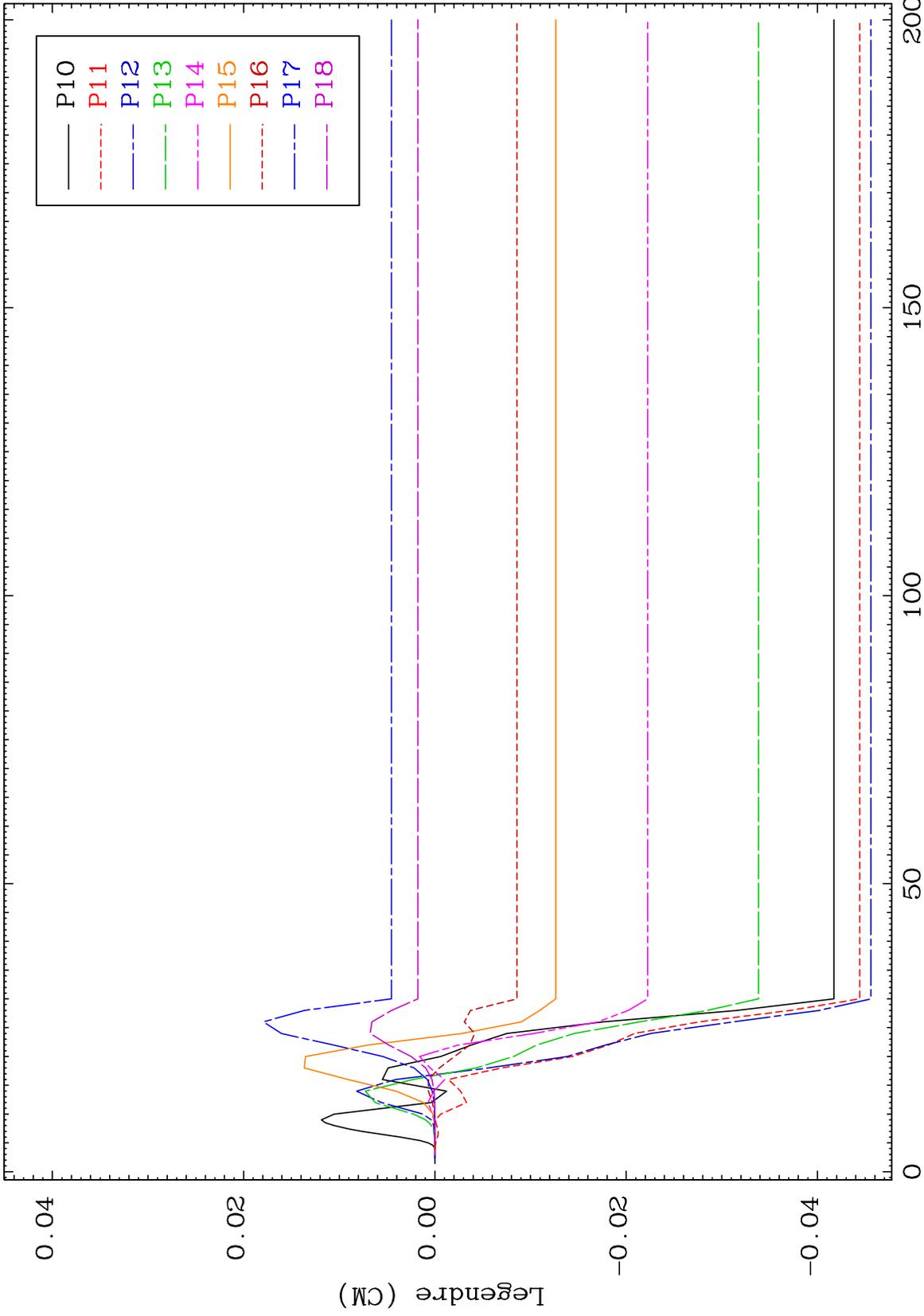


48 Incident Energy (MeV) 65-Tb-151

MAT 6501

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

65-Tb-151



49

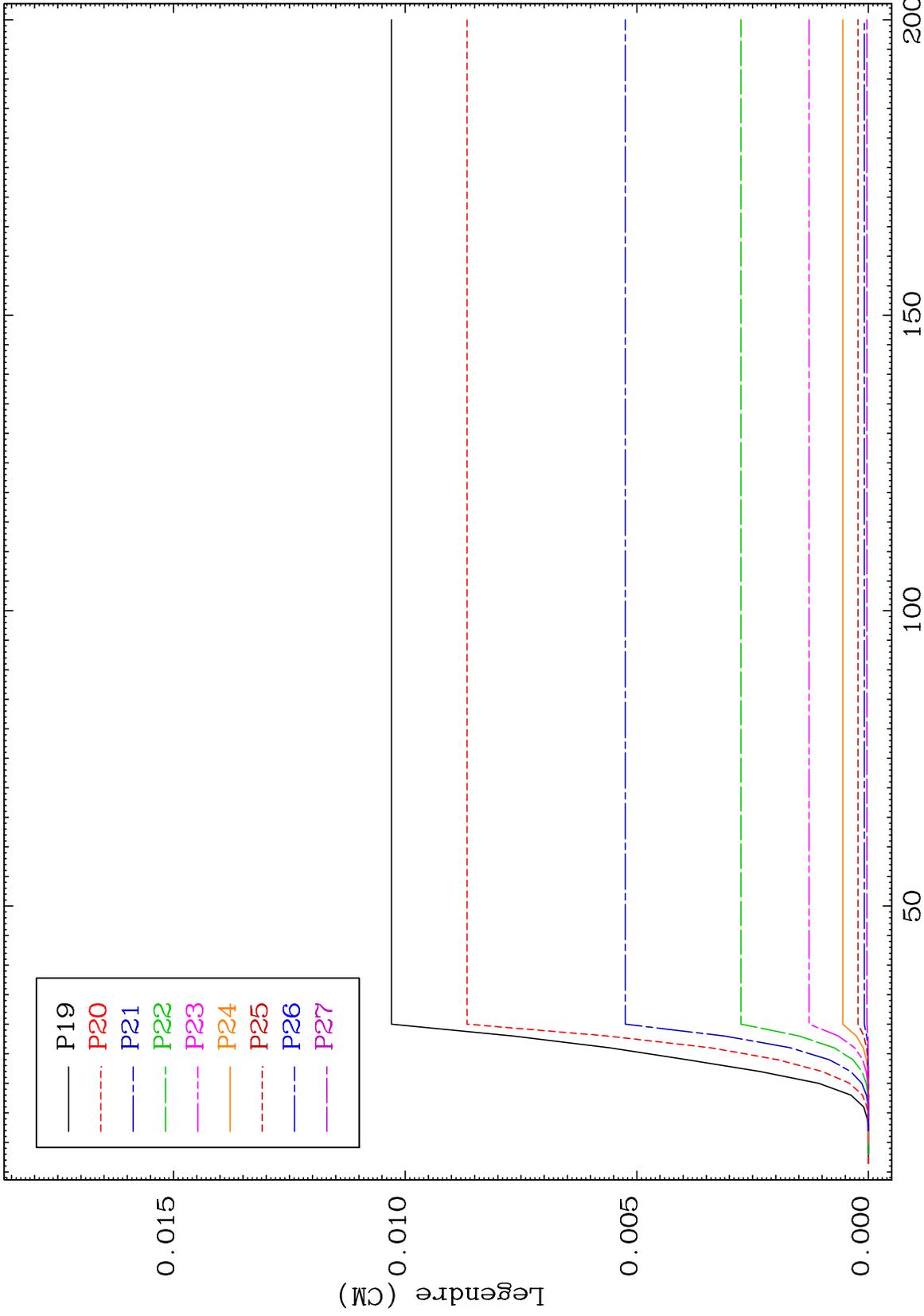
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

65-Tb-151



65-Tb-151

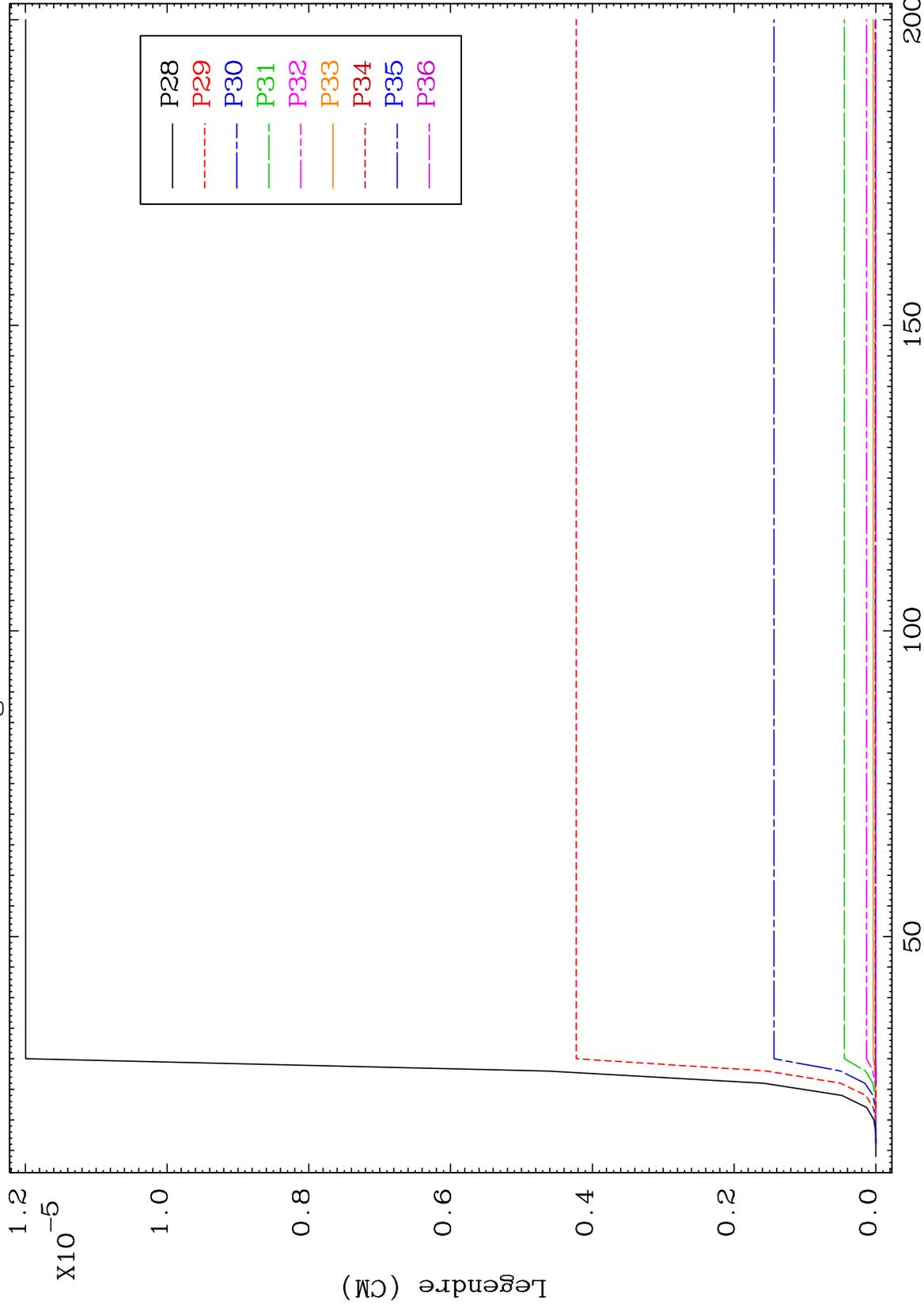
Incident Energy (MeV)

50

MAT 6501

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

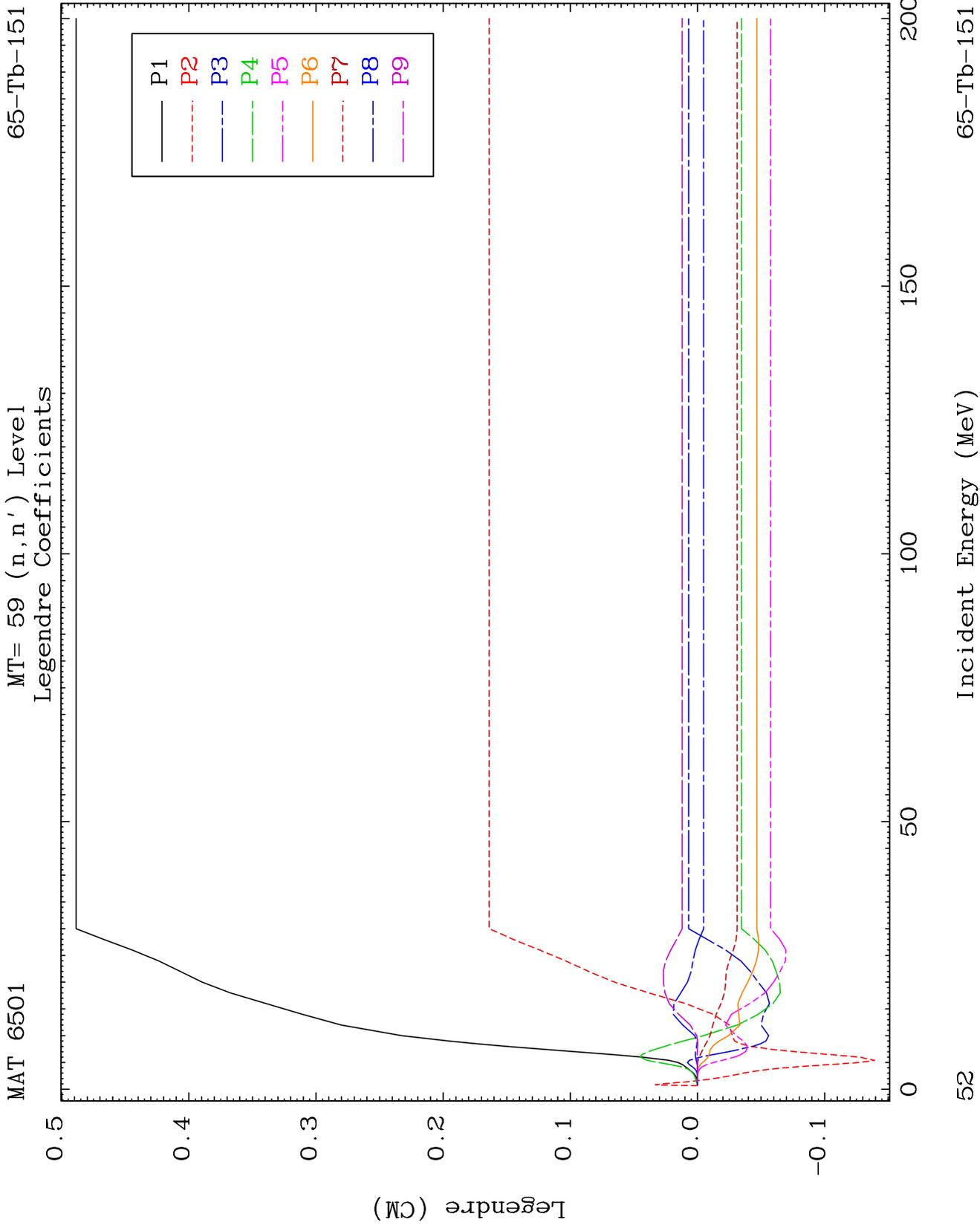
65-Tb-151



51

Incident Energy (MeV)

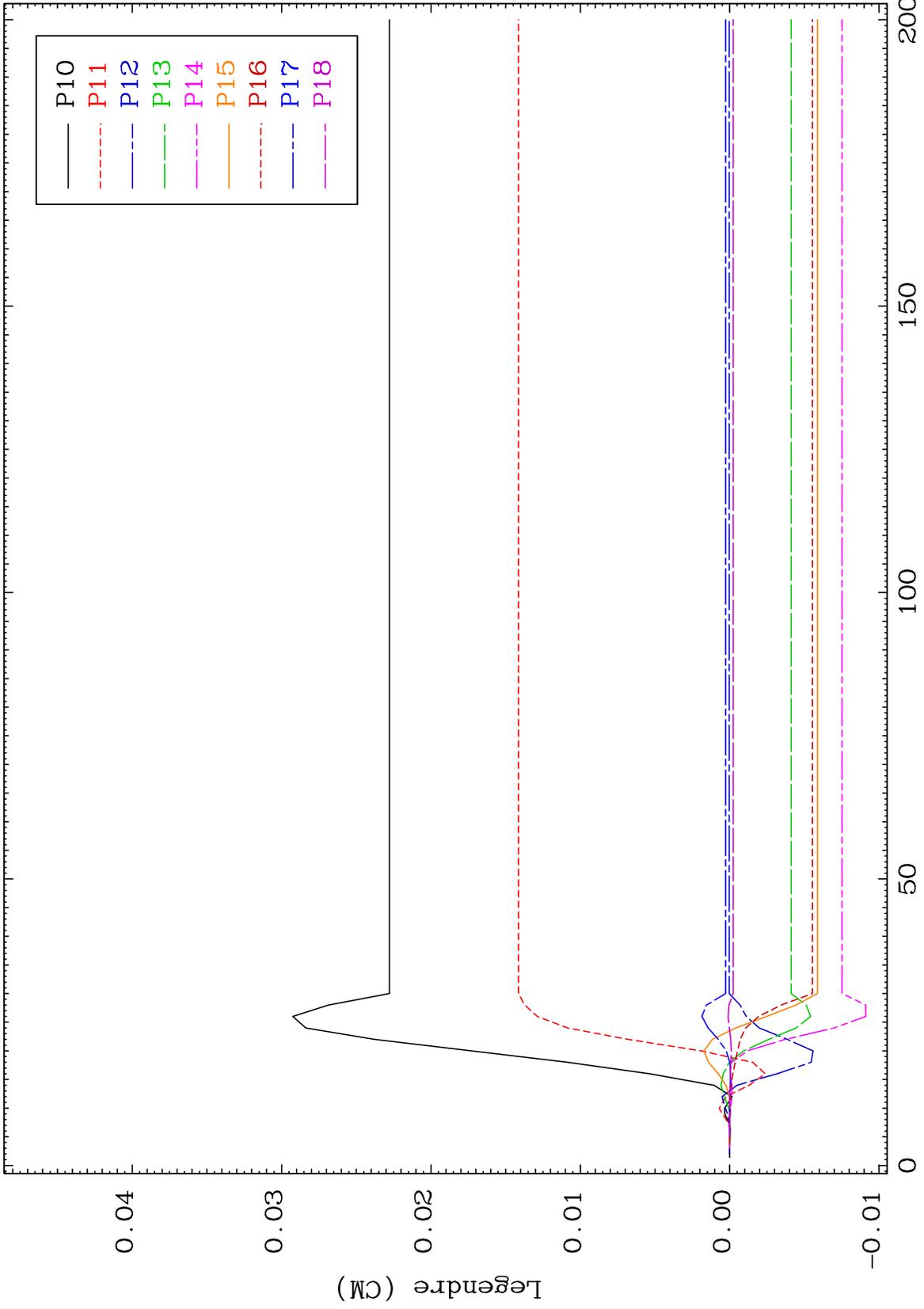
65-Tb-151



MAT 6501

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

65-Tb-151



53

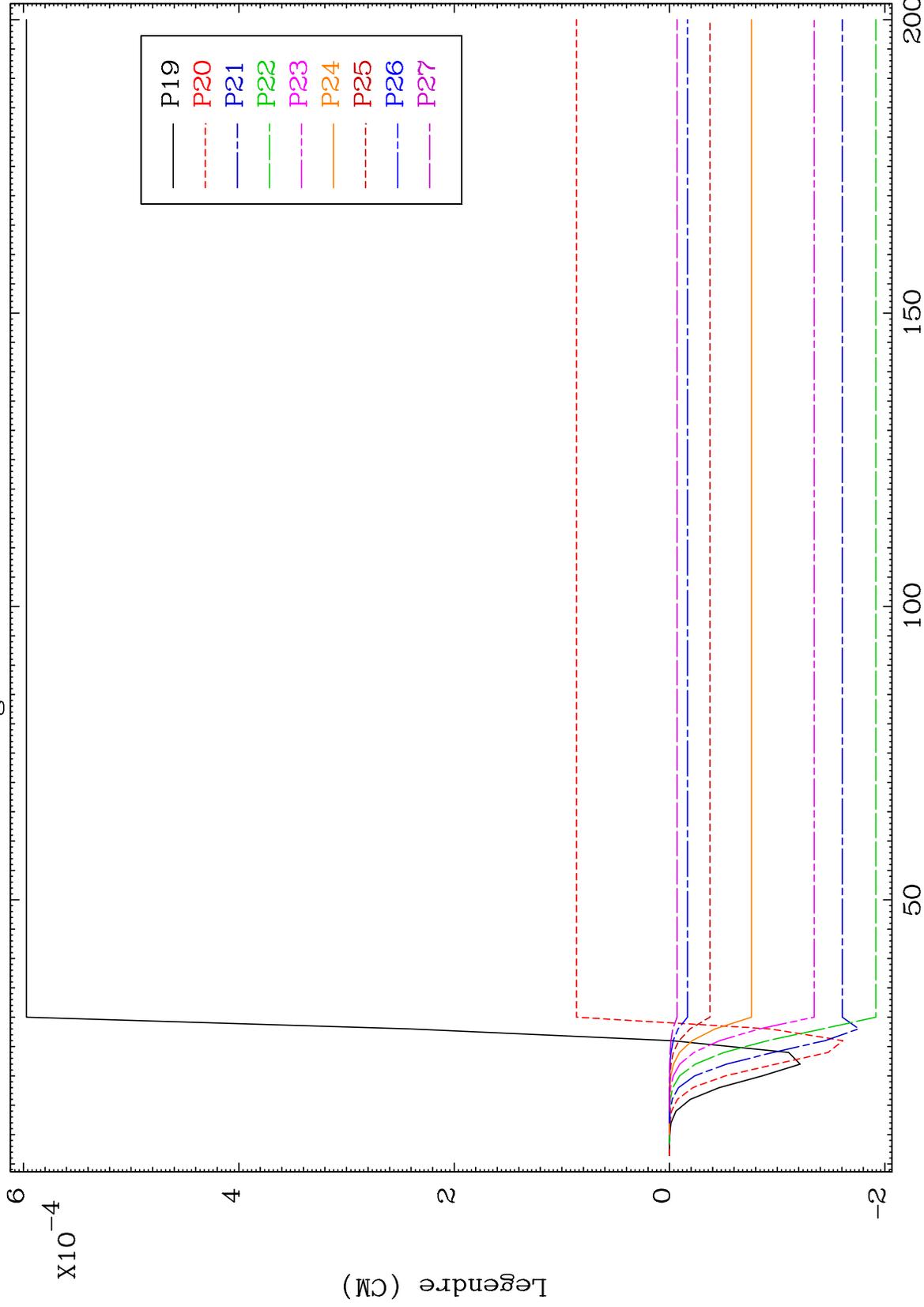
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

65-Tb-151

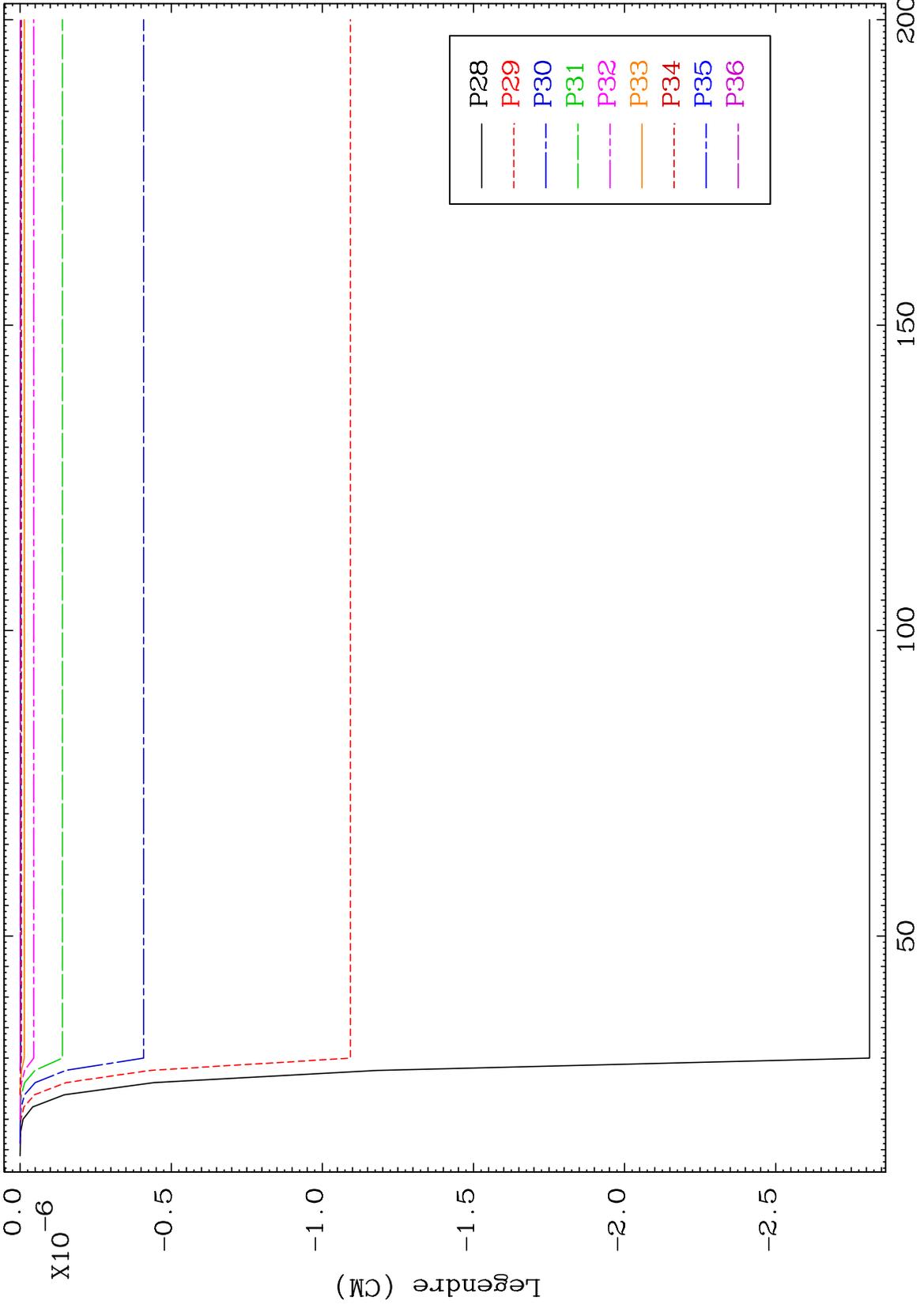


54

Incident Energy (MeV)

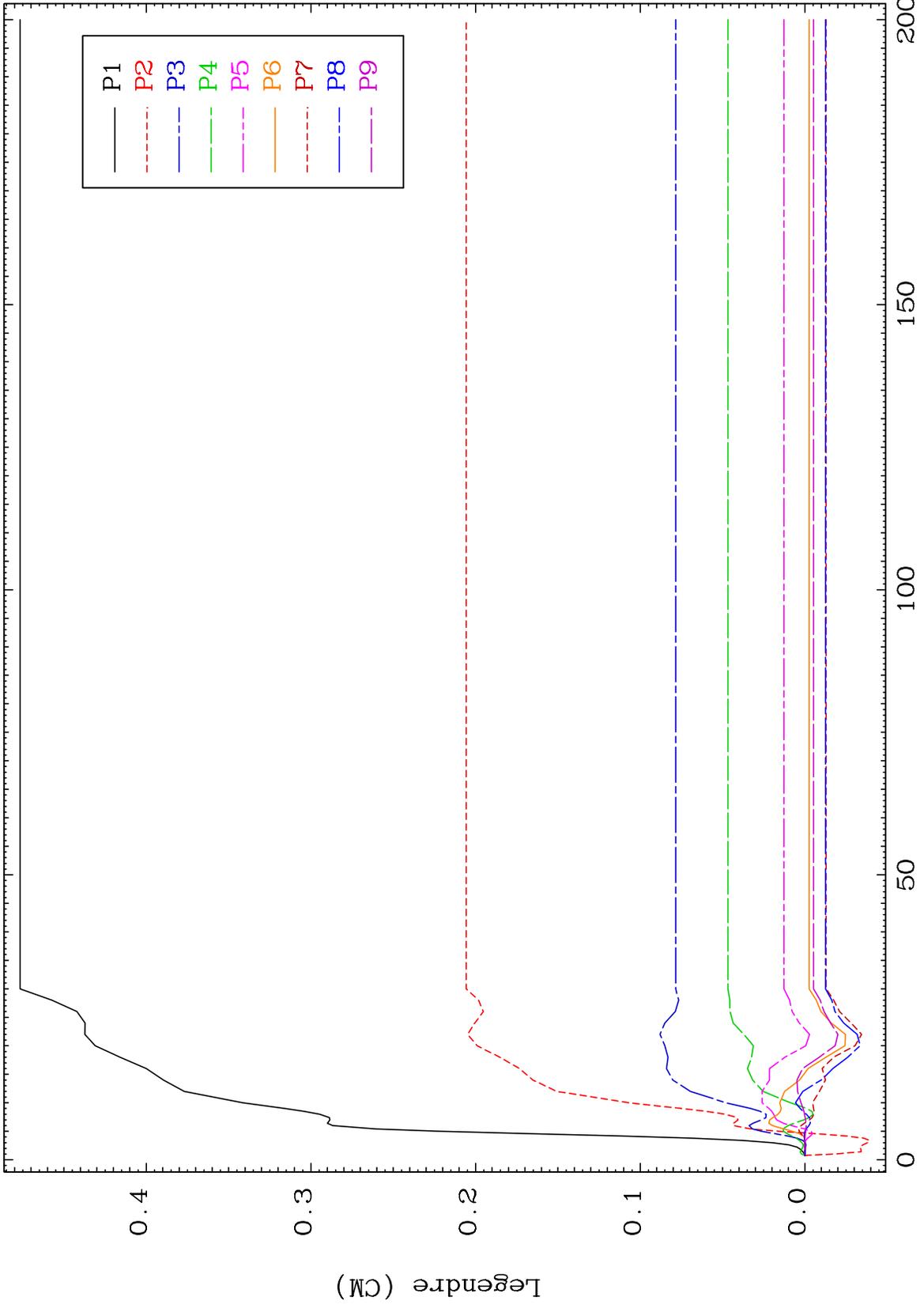
65-Tb-151

MAT 6501 MT= 59 (n,n') Level Legendre Coefficients 65-Tb-151

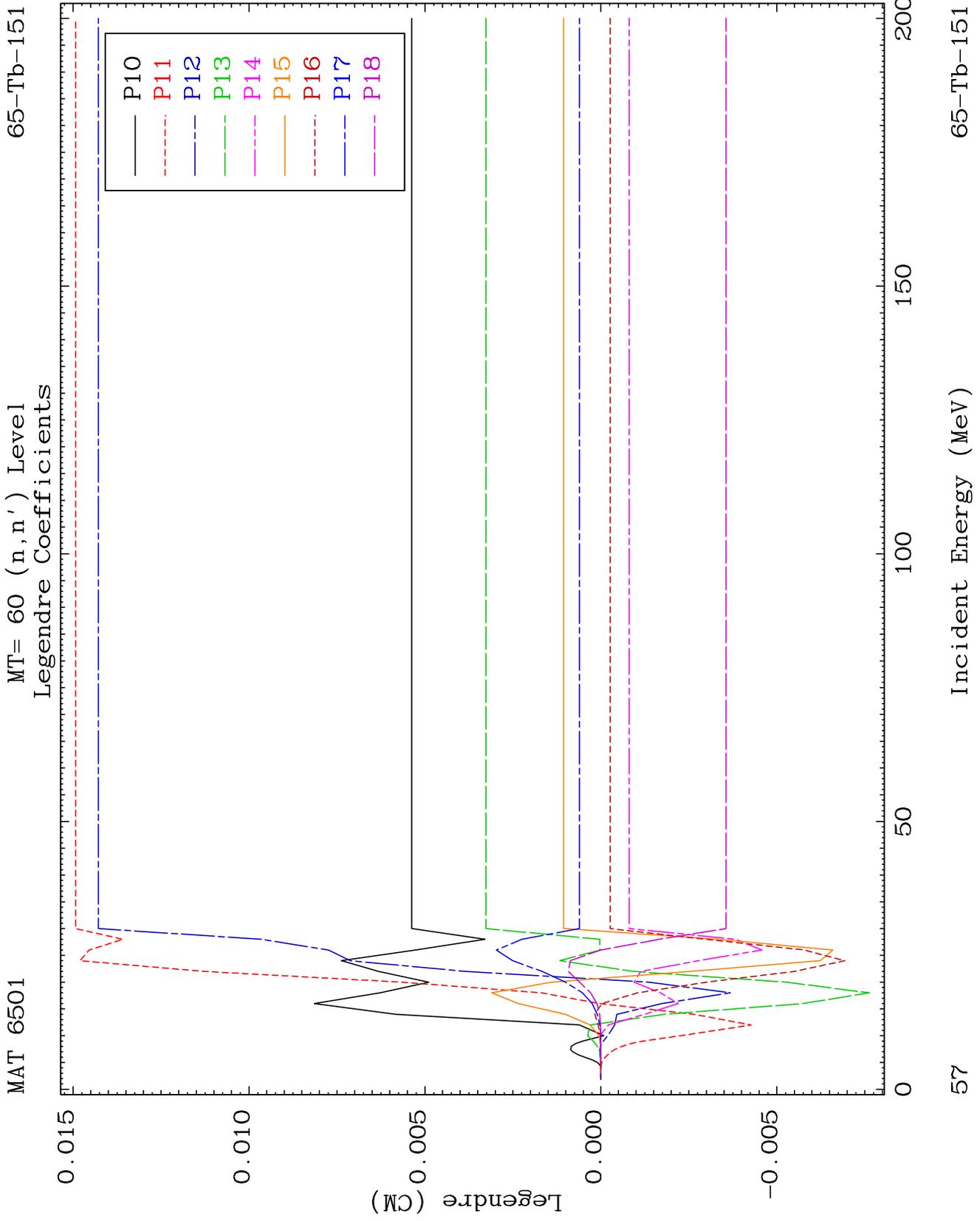


55 Incident Energy (MeV) 65-Tb-151

MAT 6501 MT= 60 (n,n') Level Legendre Coefficients 65-Tb-151



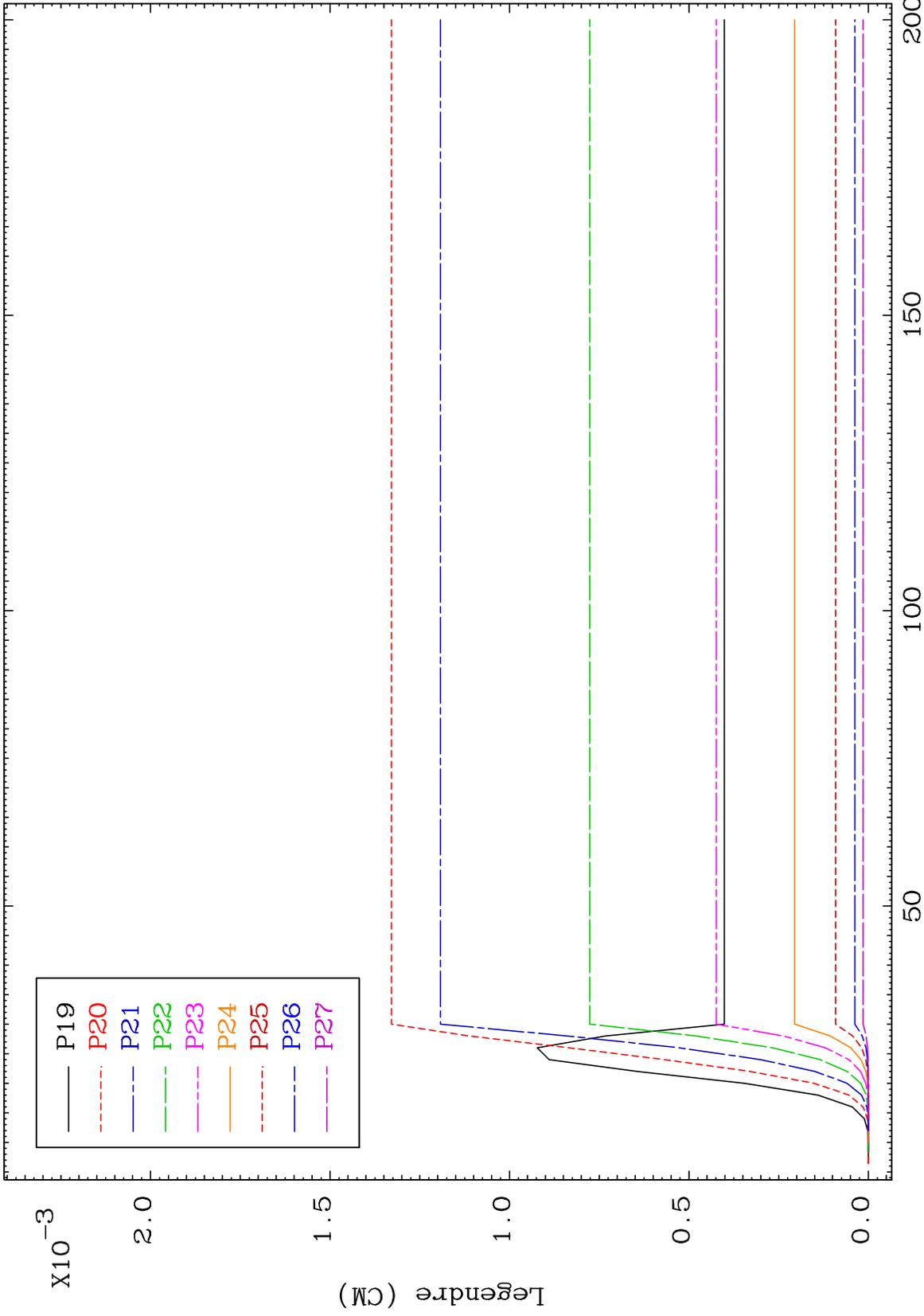
56 65-Tb-151



MAT 6501

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

65-Tb-151



58

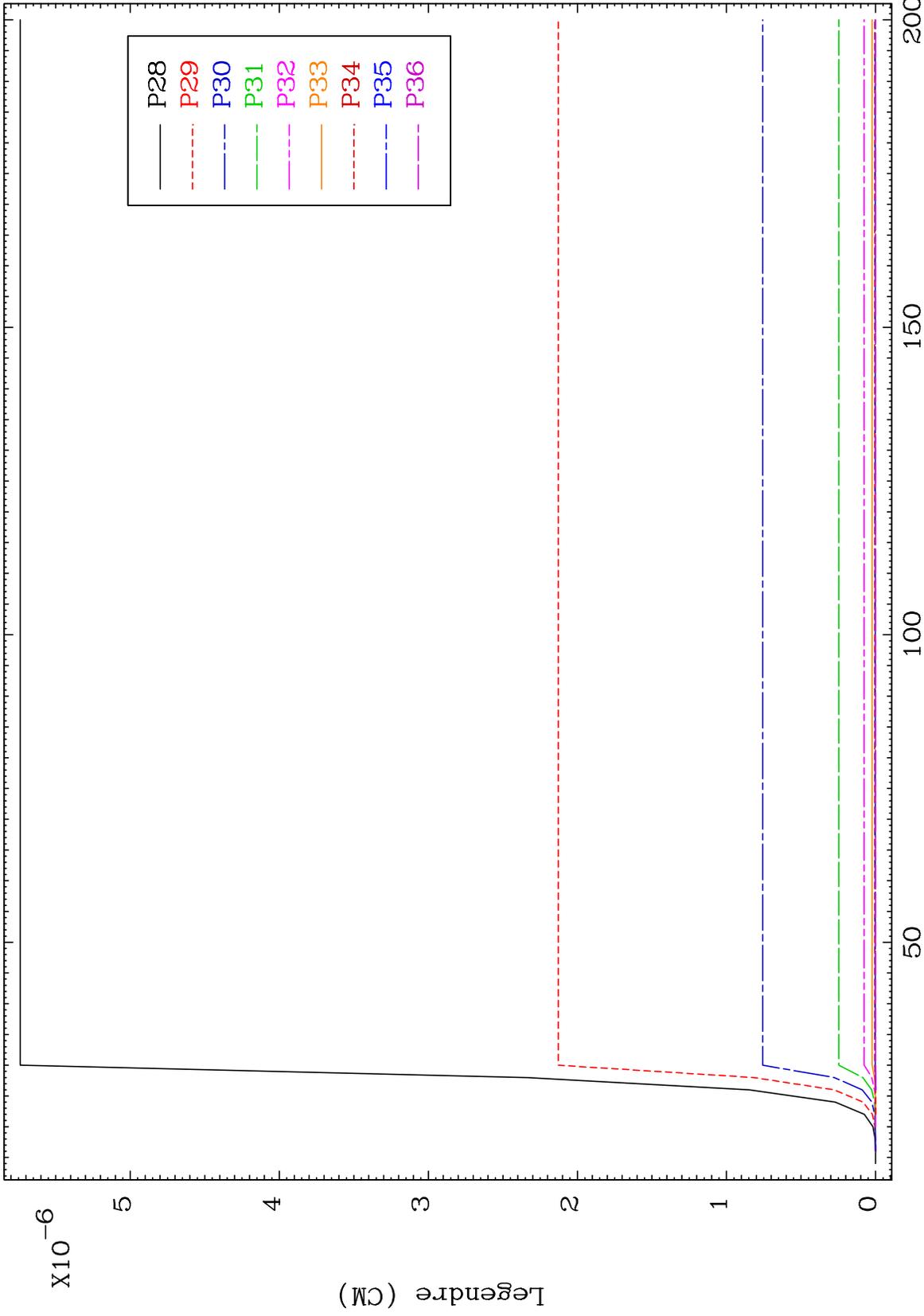
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

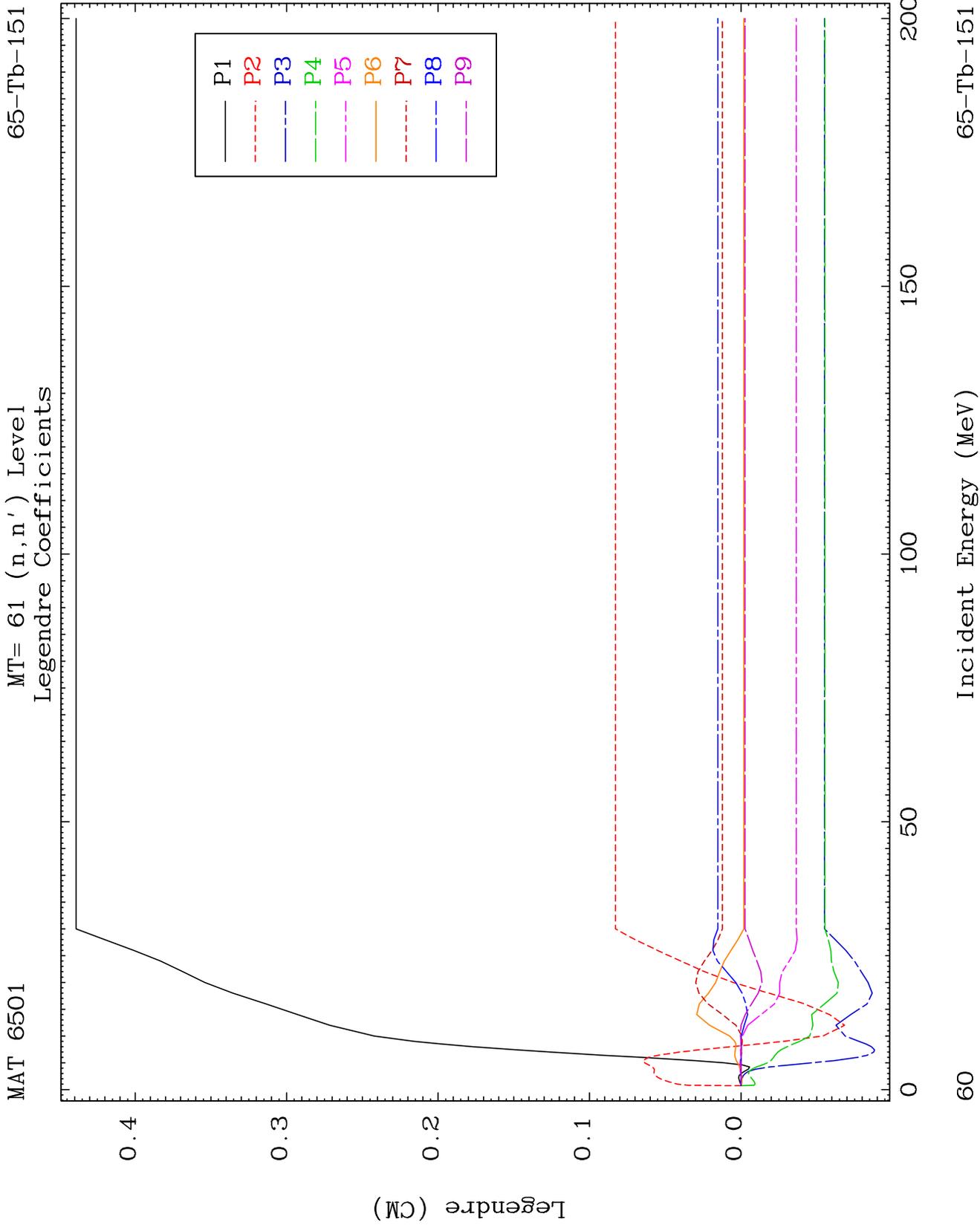
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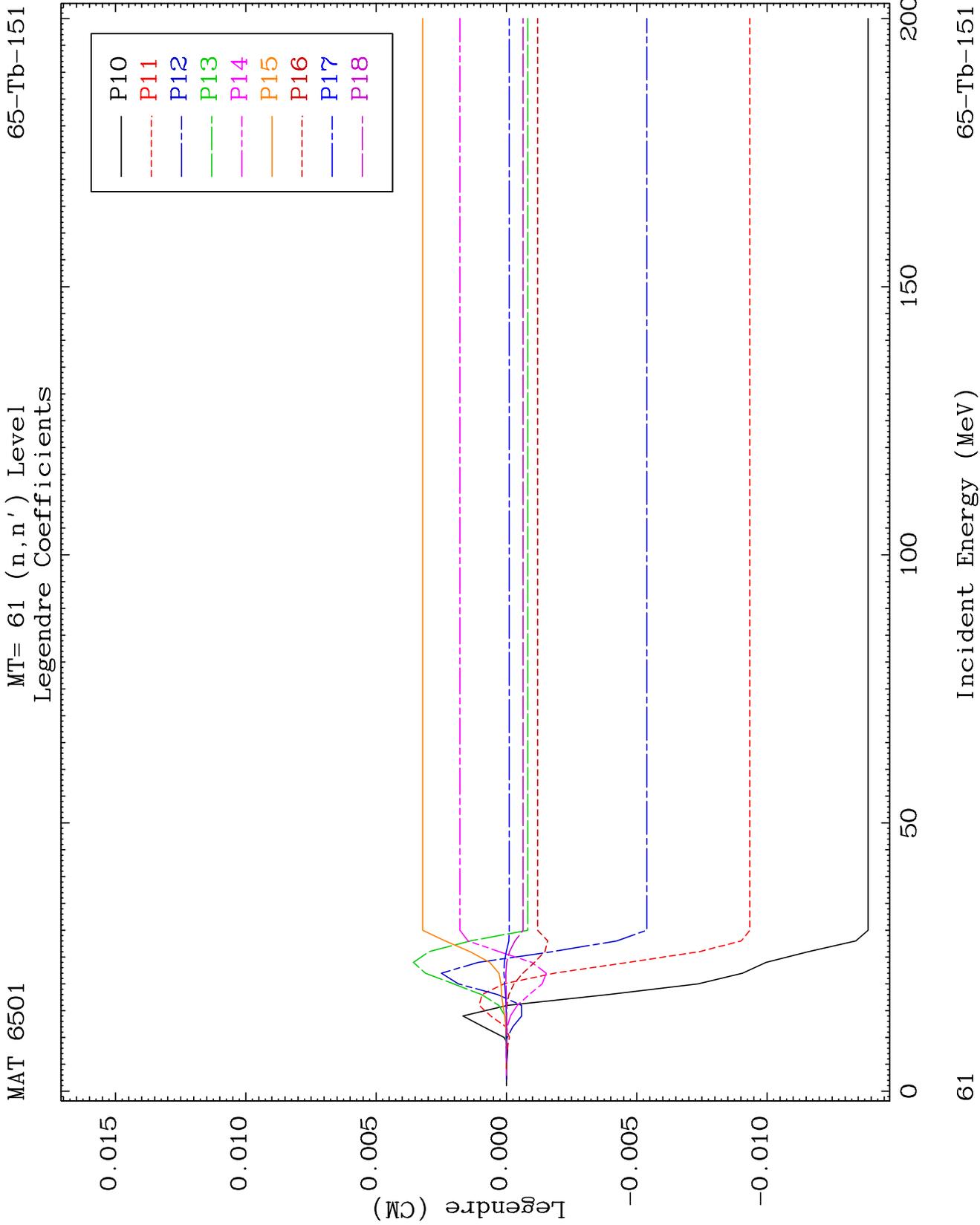


59

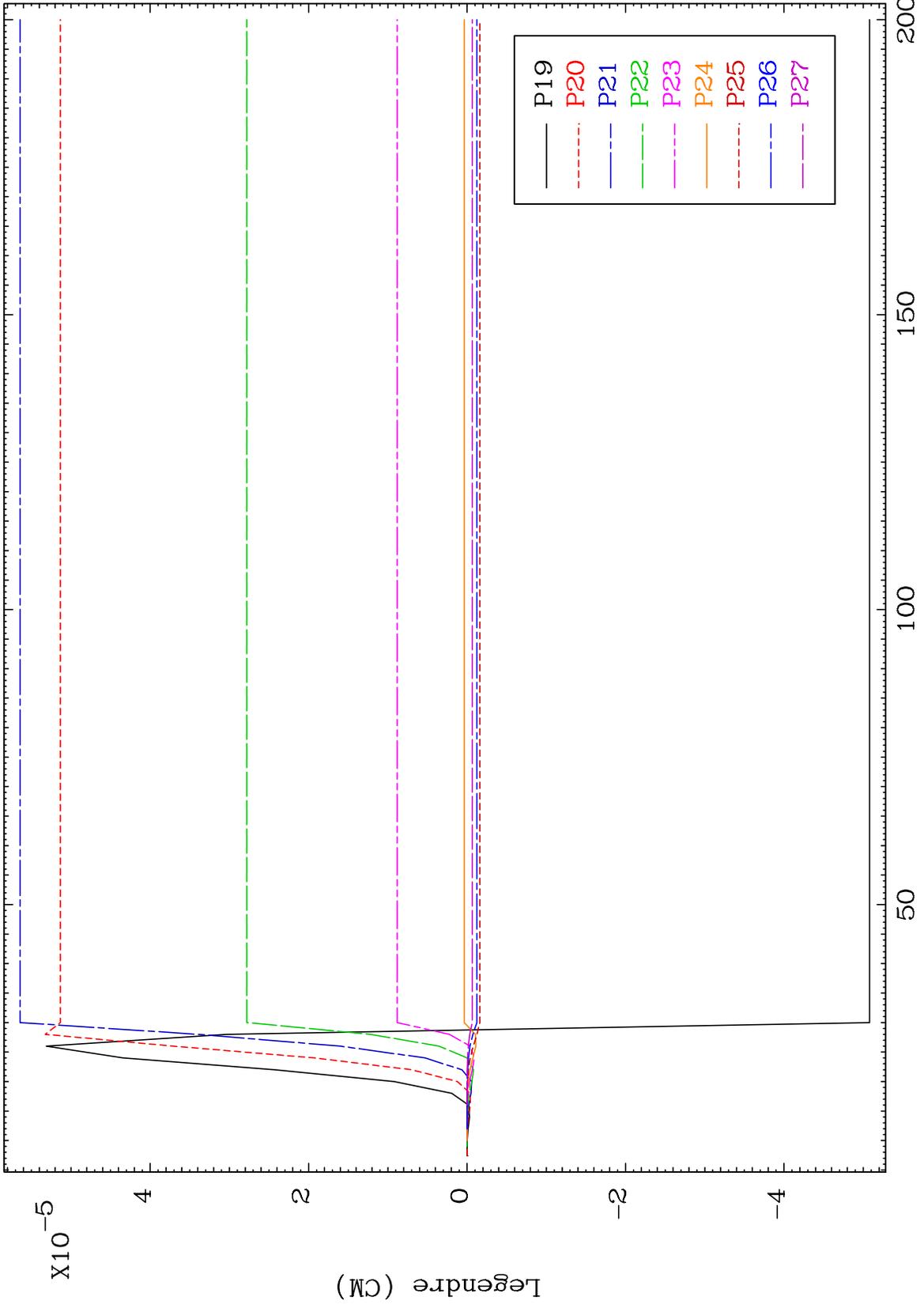
Incident Energy (MeV)

65-Tb-151



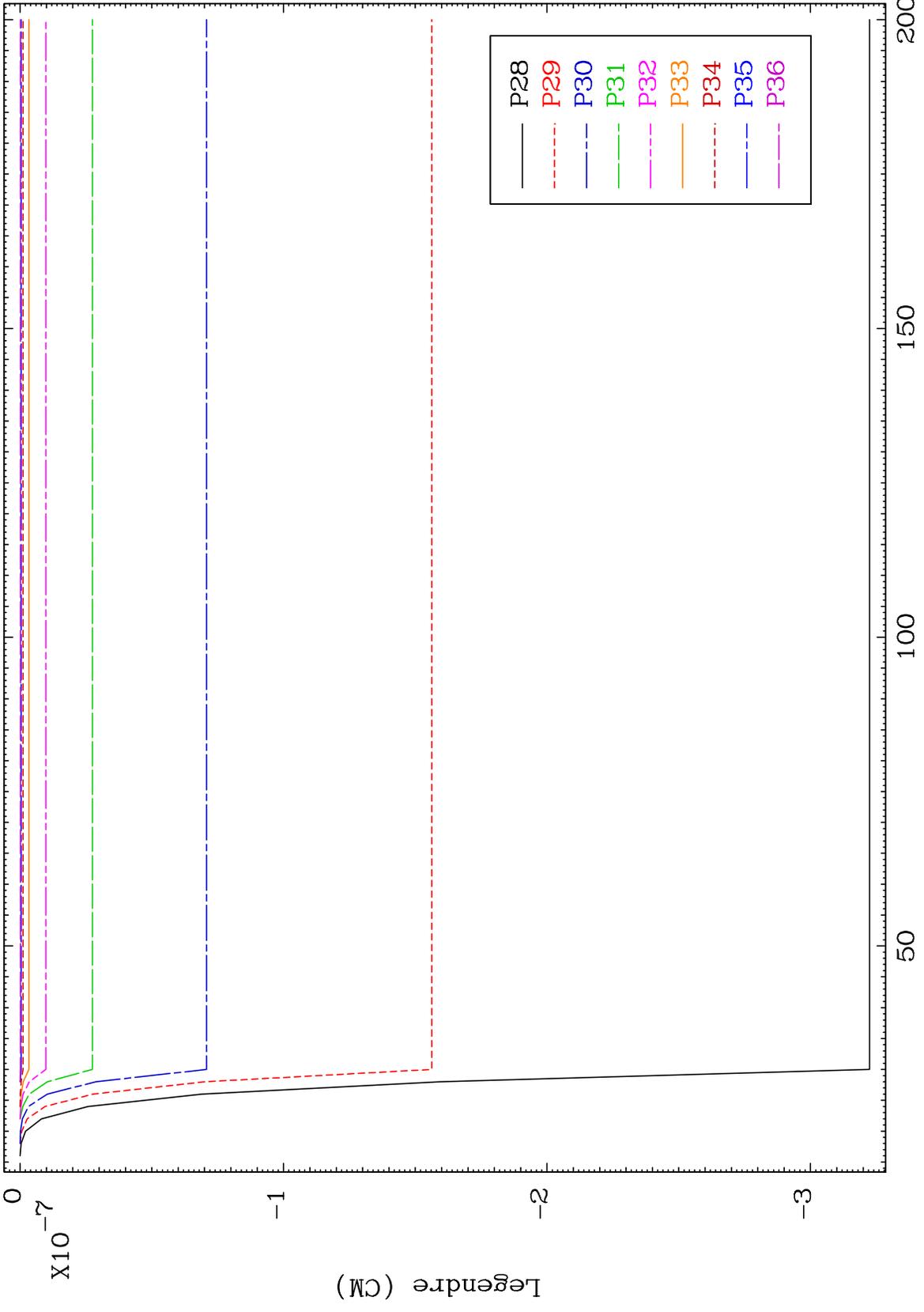


MAT 6501 MT= 61 (n,n') Level Legendre Coefficients 65-Tb-151



62 65-Tb-151

MAT 6501 MT= 61 (n,n') Level Legendre Coefficients 65-Tb-151

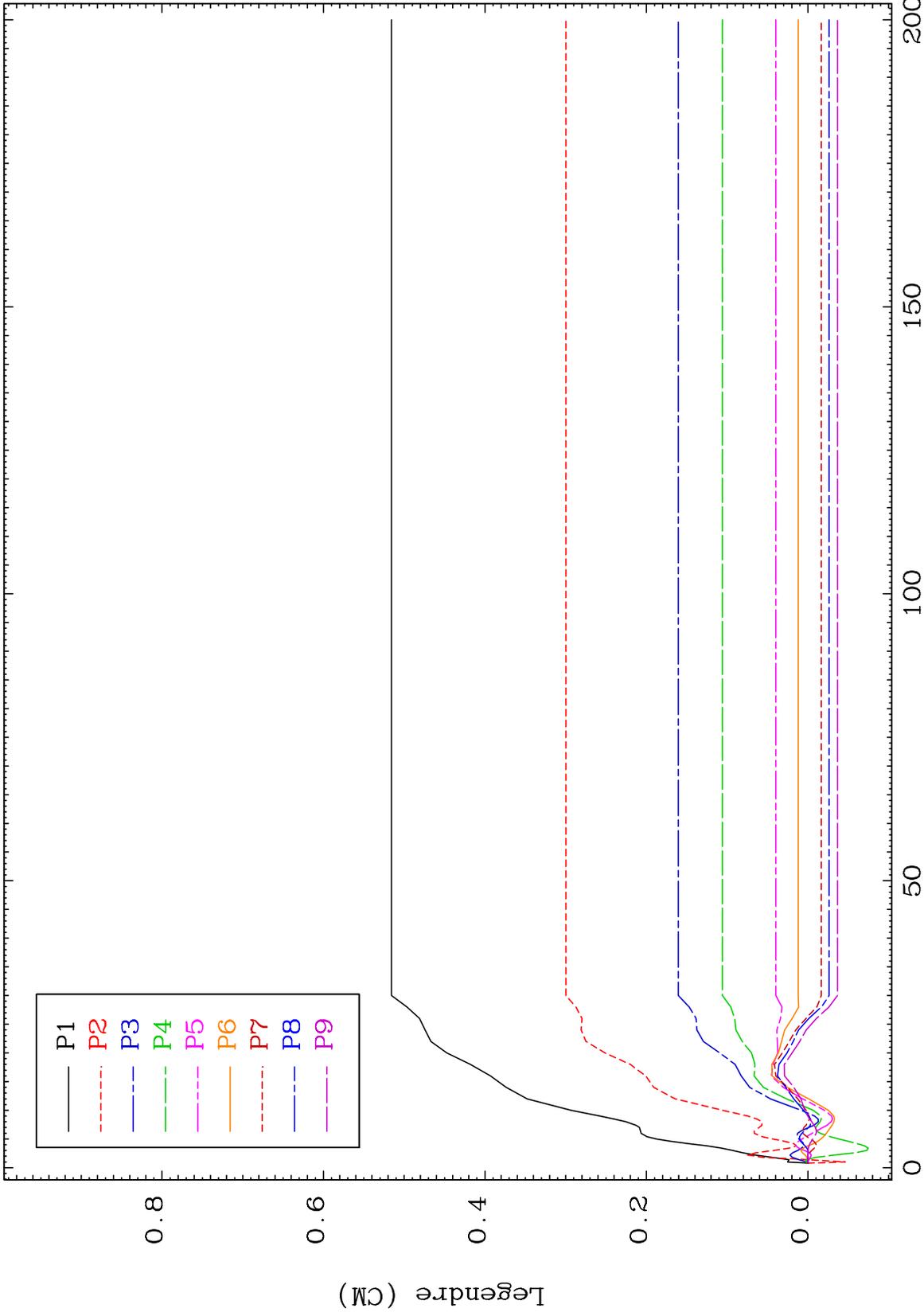


63 65-Tb-151

MAT 6501

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

65-Tb-151



64

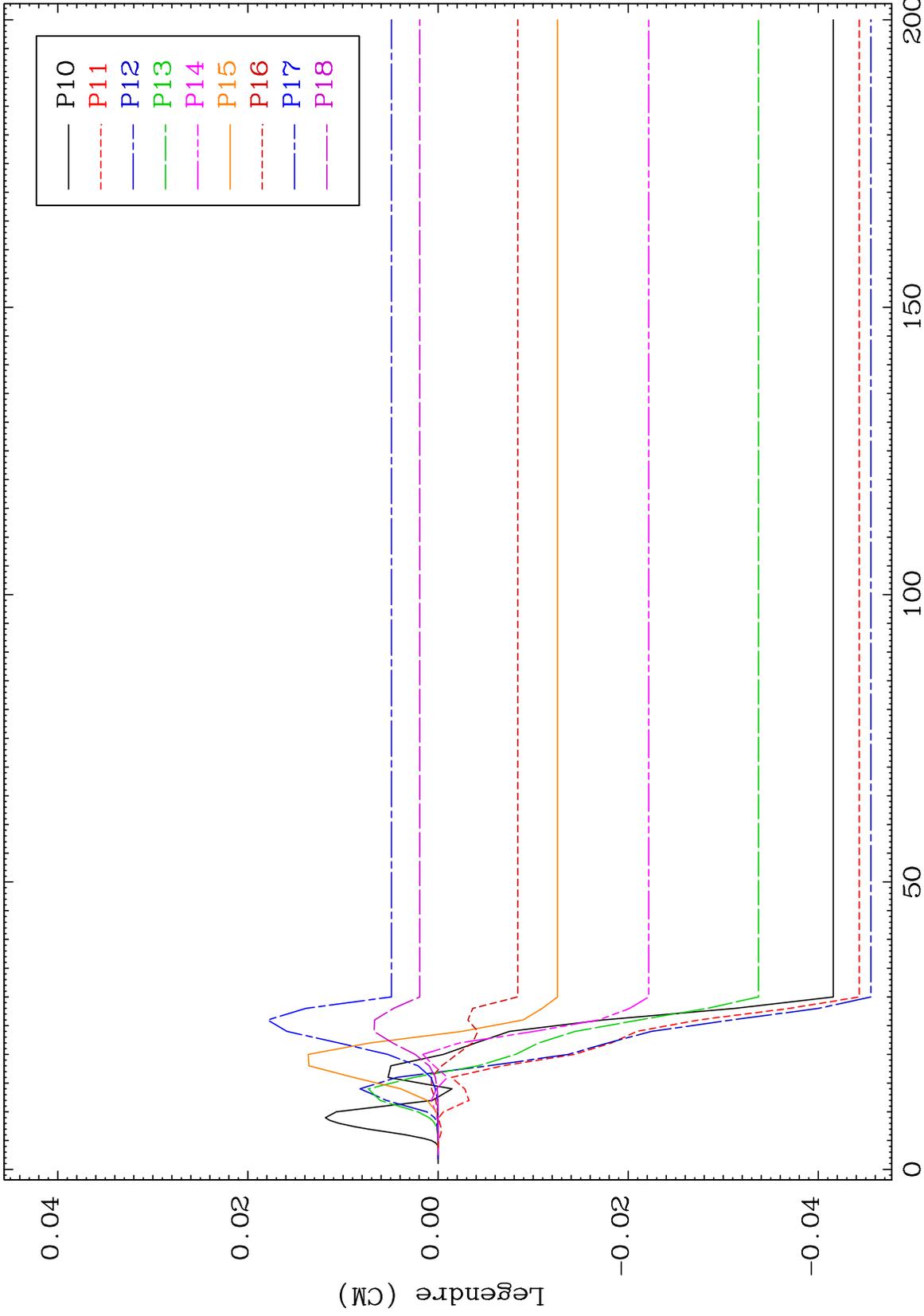
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

65-Tb-151



65

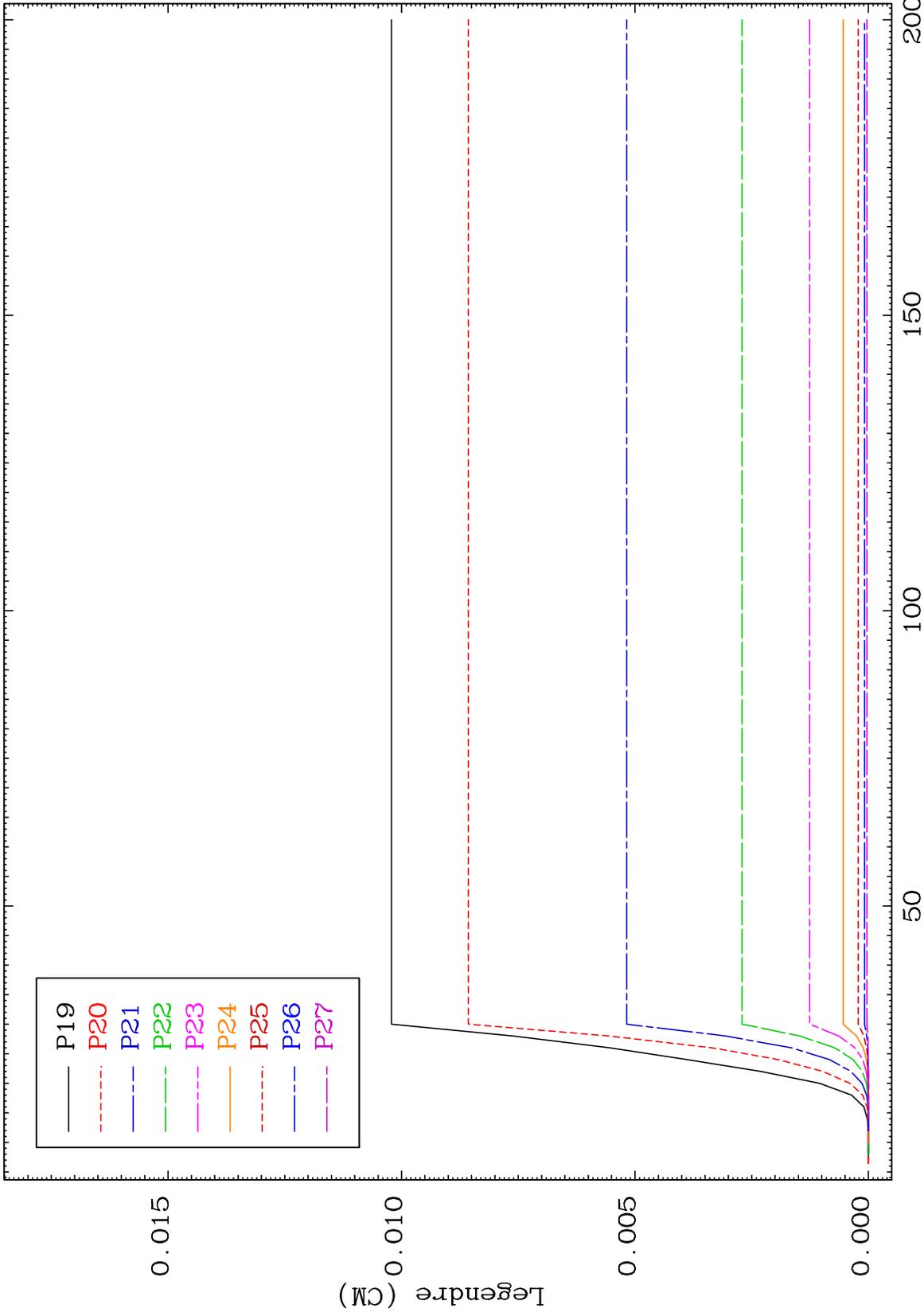
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

65-Tb-151



66

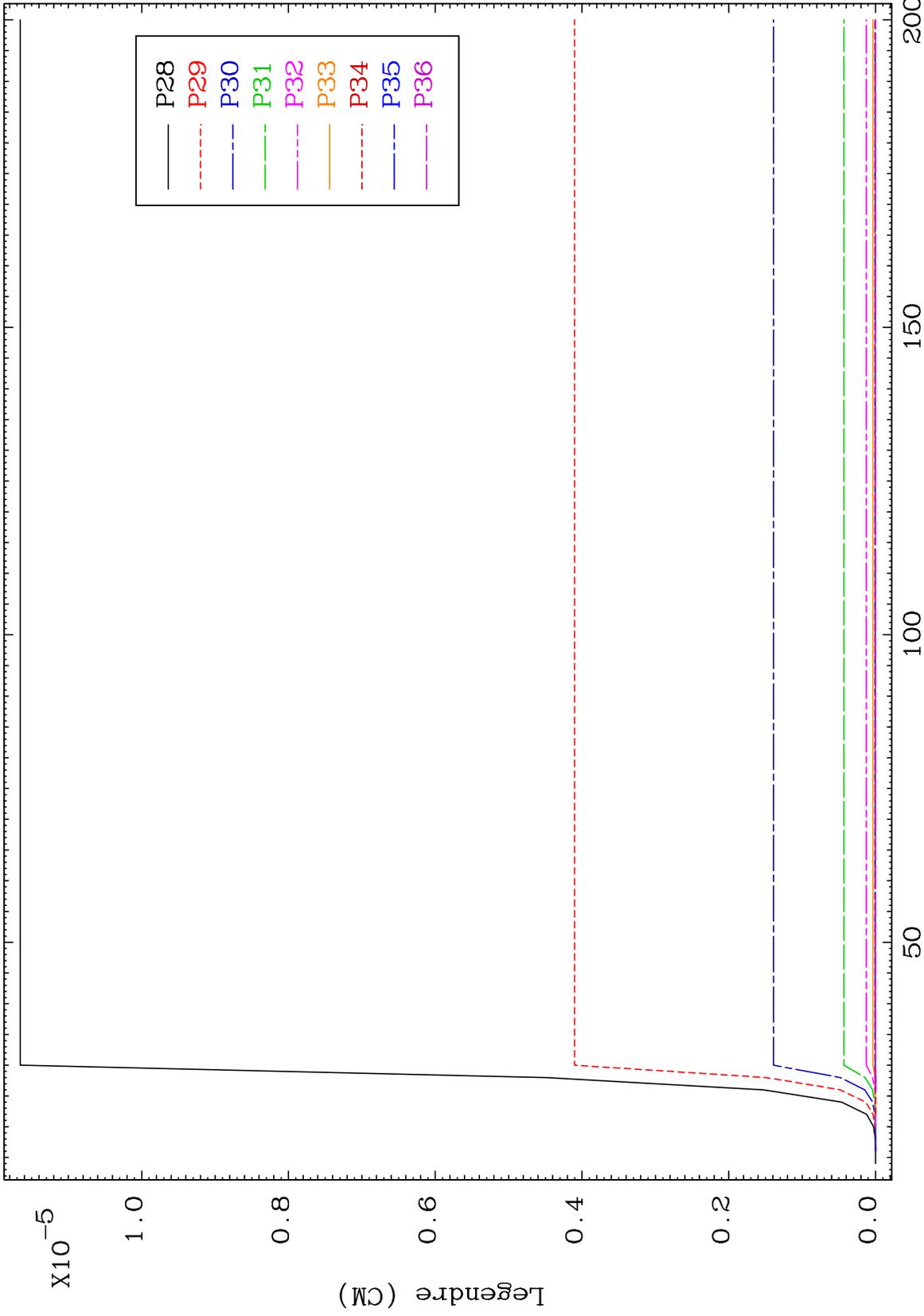
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

65-Tb-151

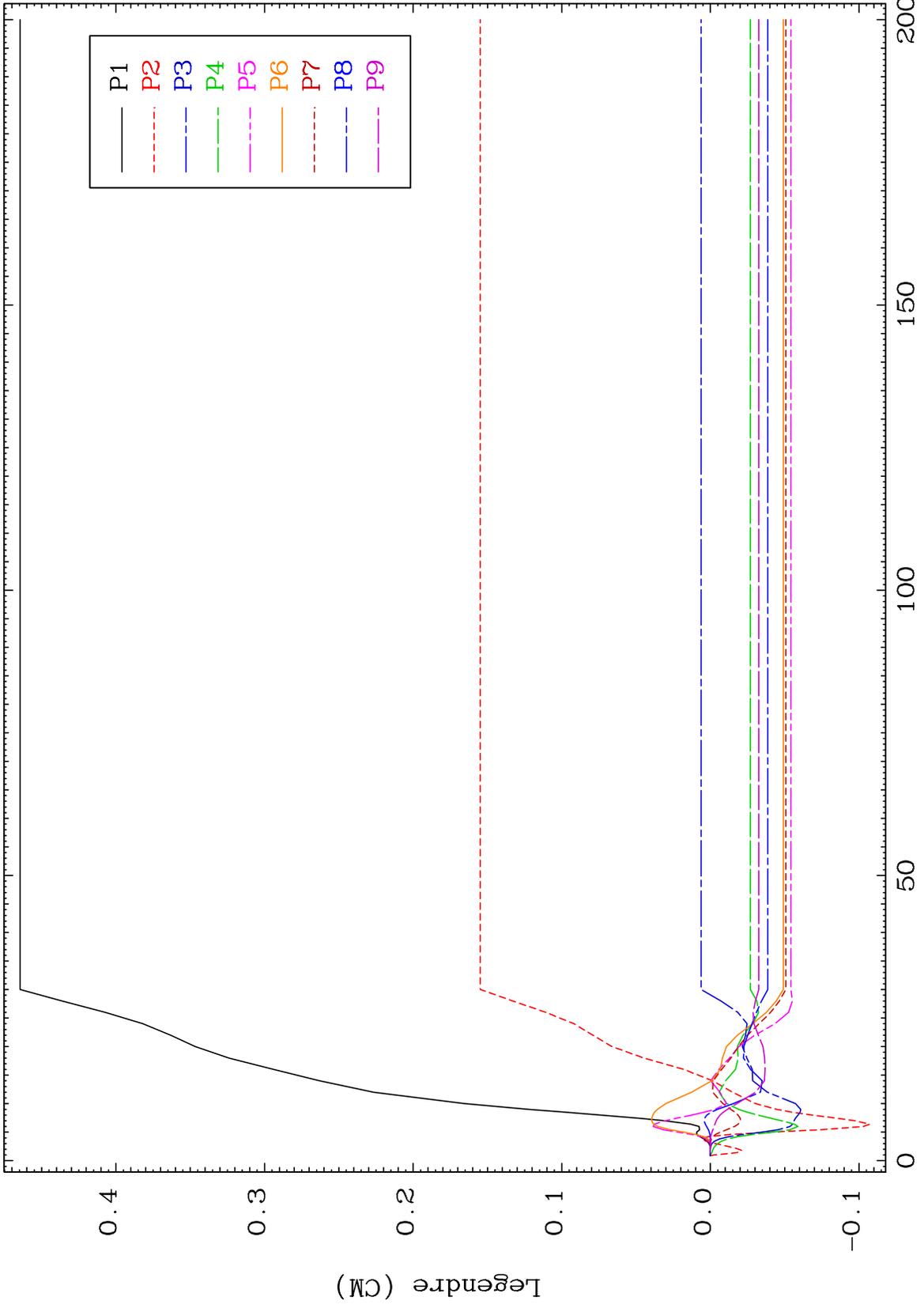


67

Incident Energy (MeV)

65-Tb-151

MAT 6501 MT= 63 (n,n') Level Legendre Coefficients 65-Tb-151

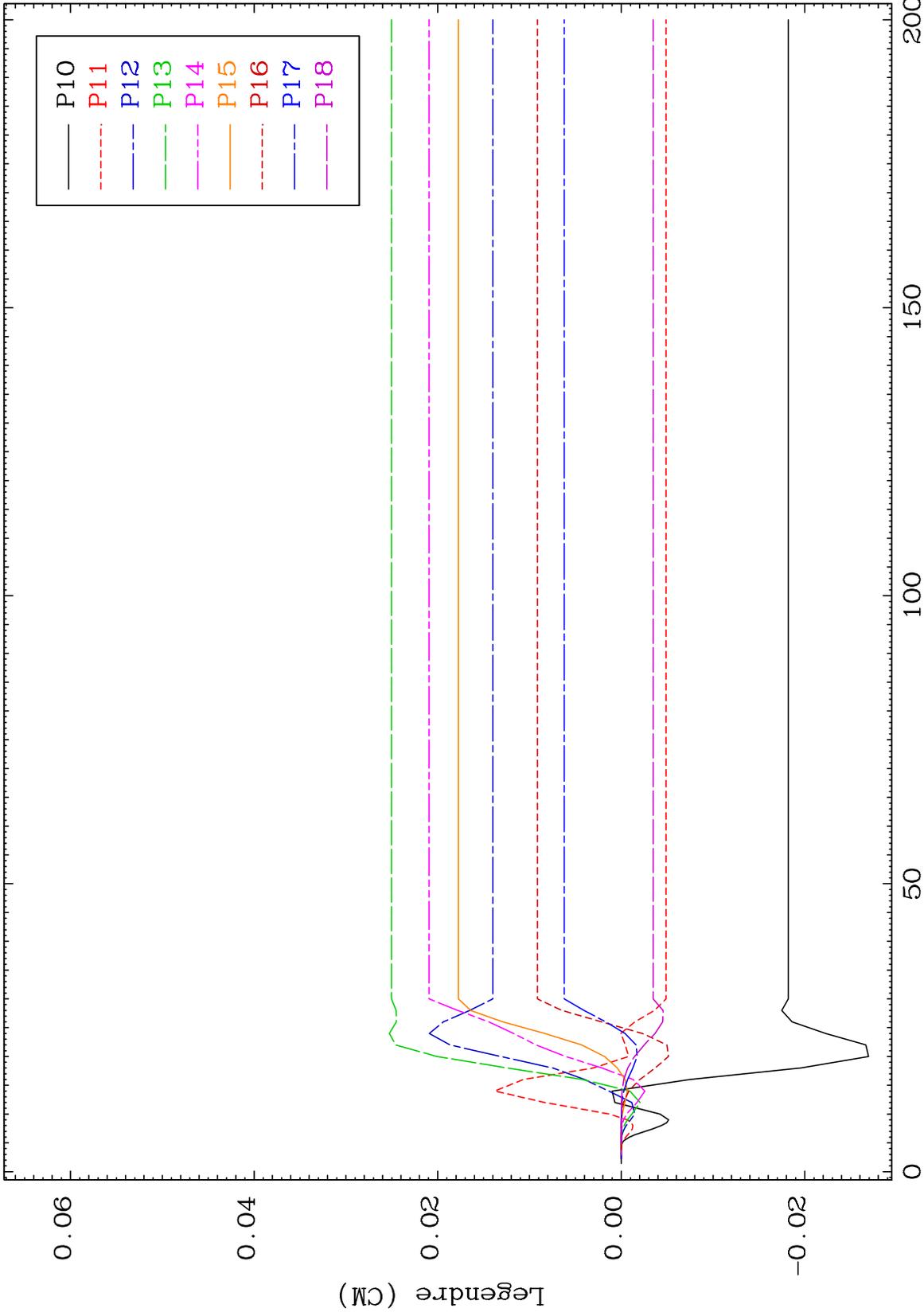


68 65-Tb-151

MAT 6501

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

65-Tb-151



69

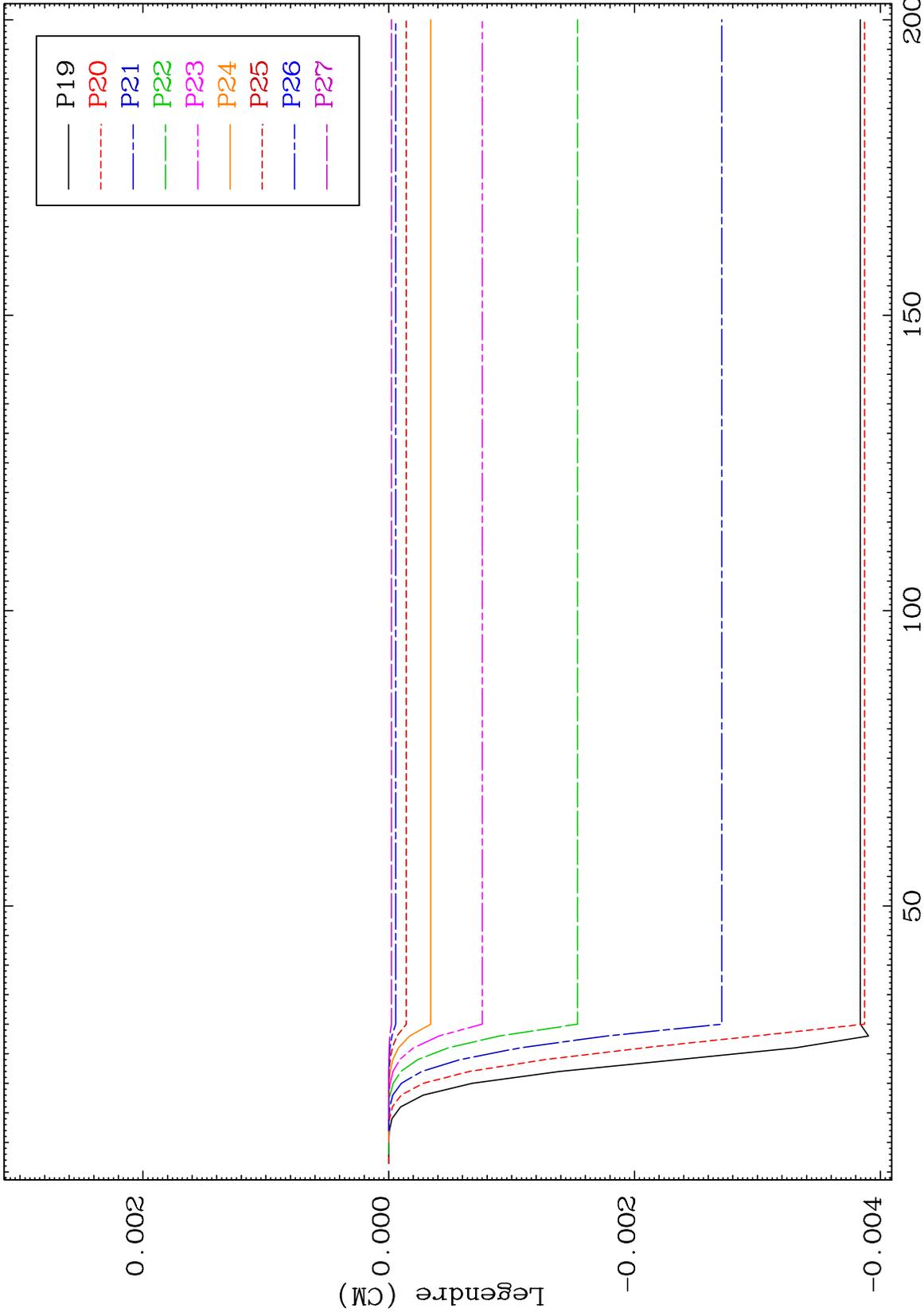
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

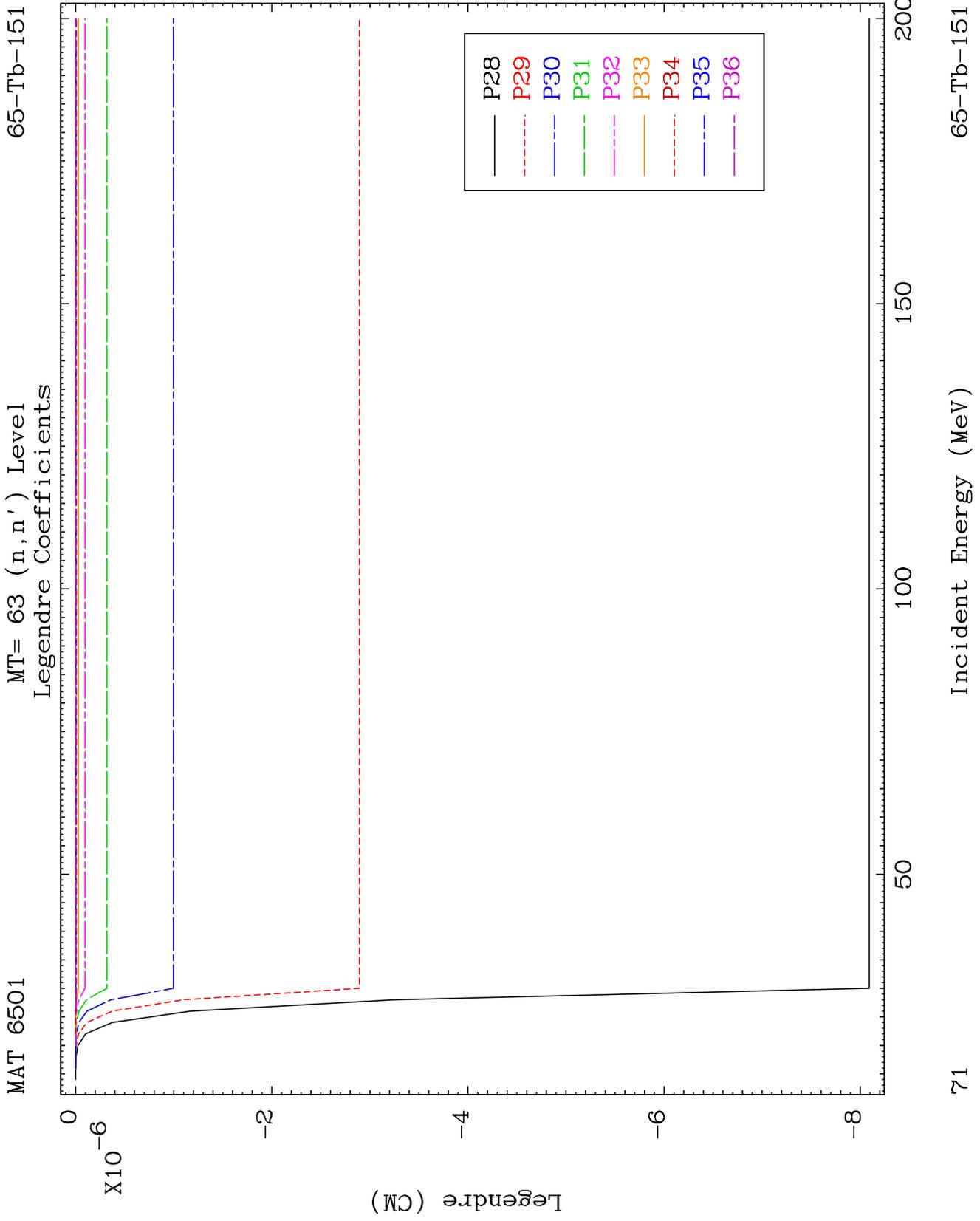
65-Tb-151

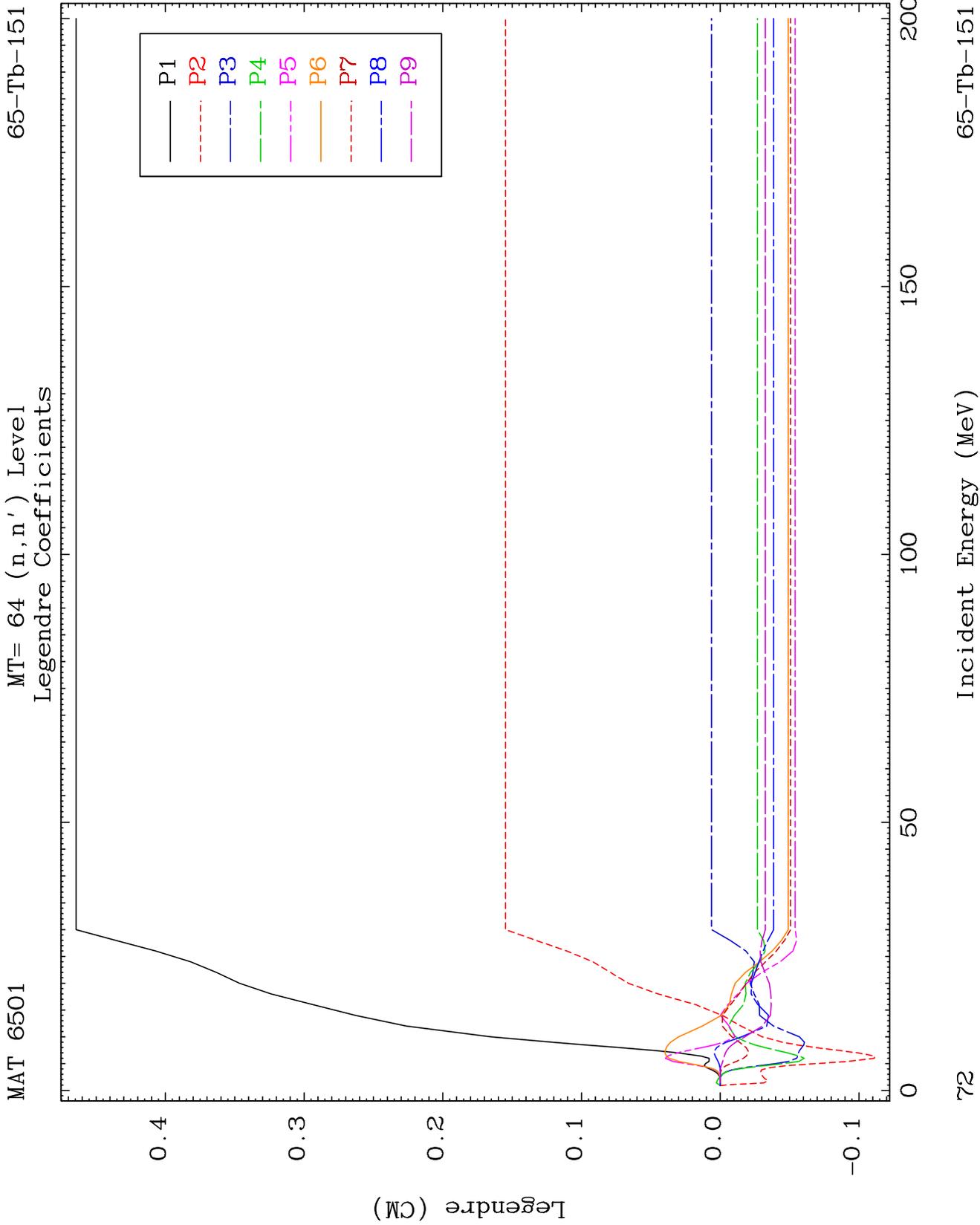


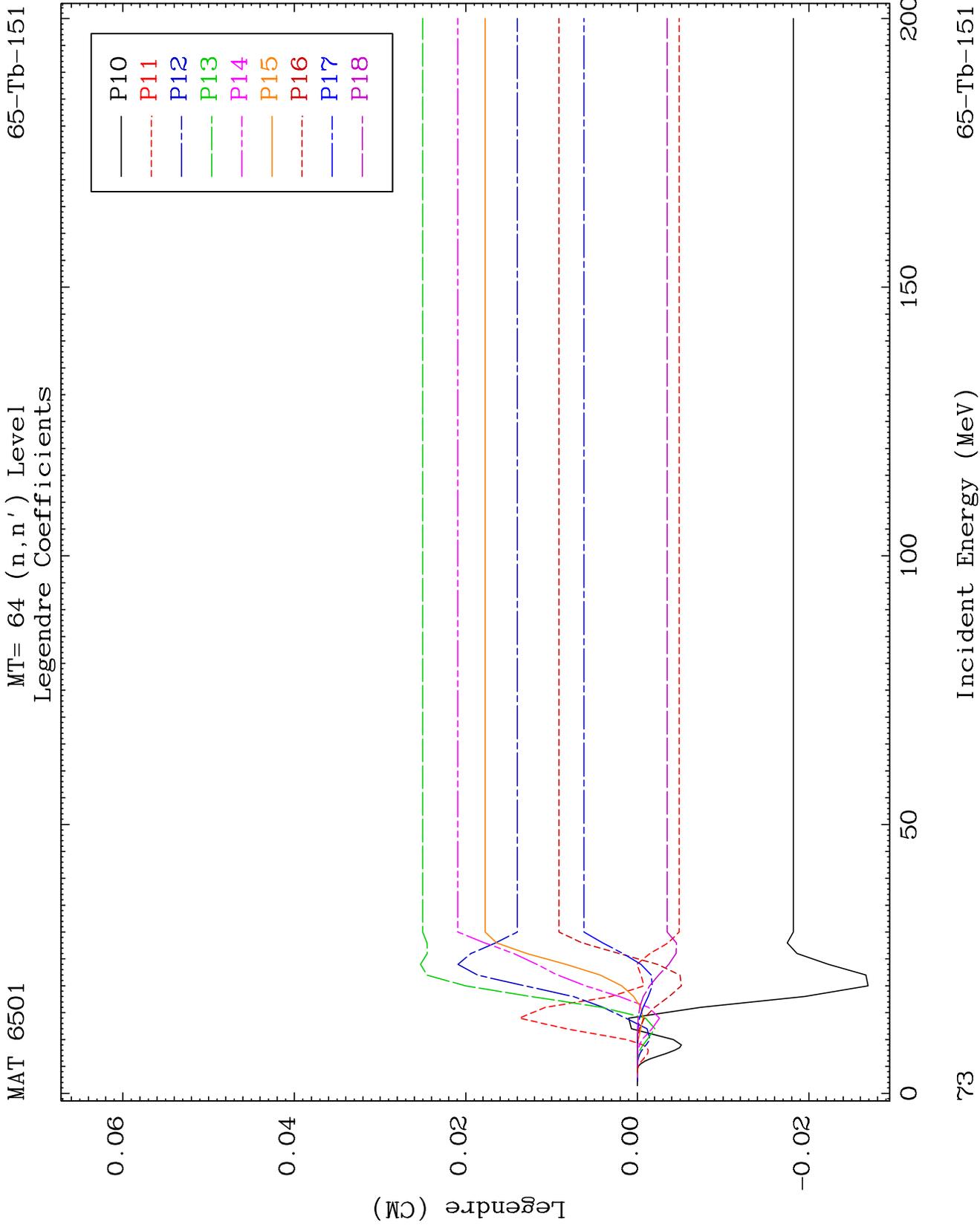
70

Incident Energy (MeV)

65-Tb-151



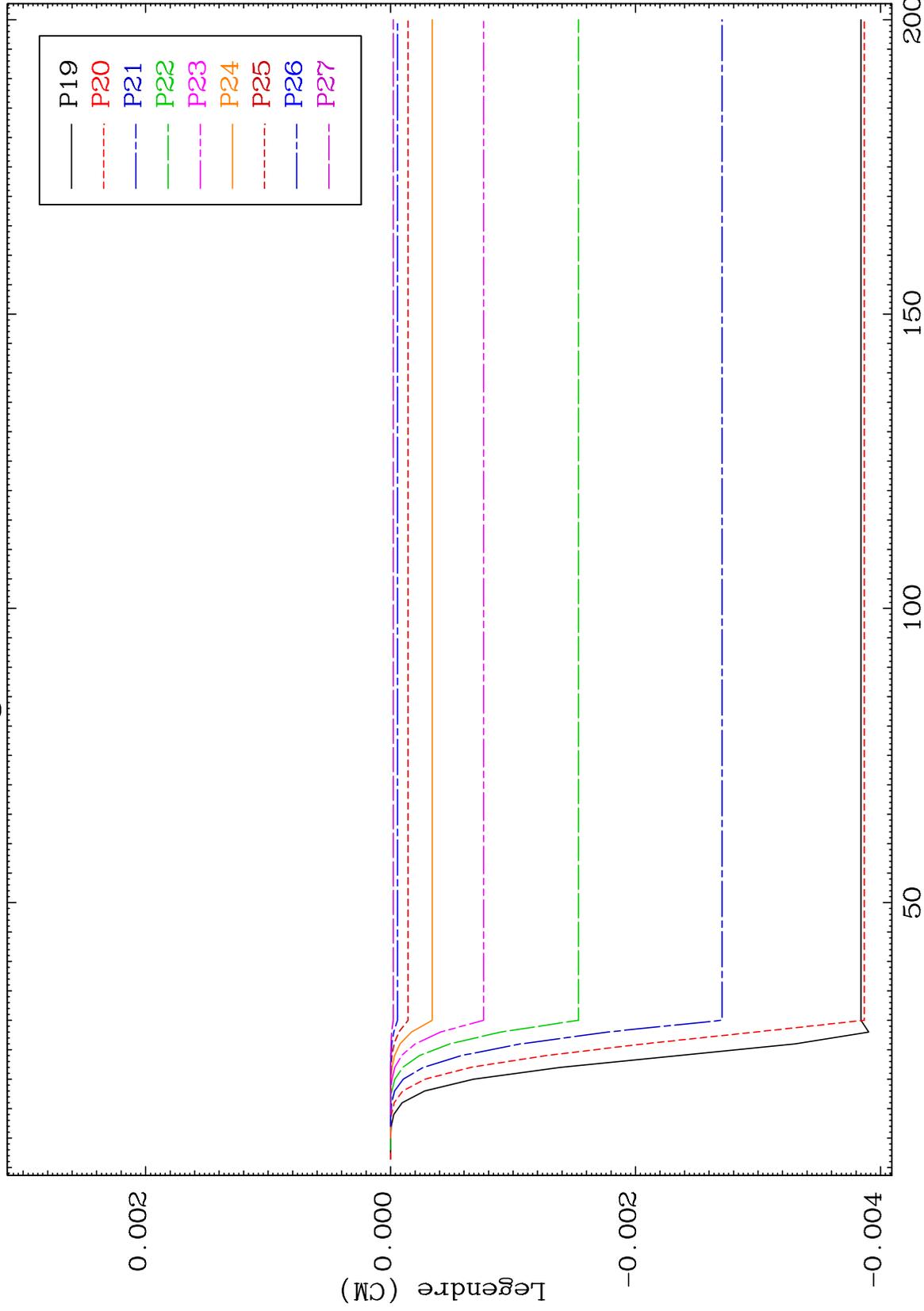




MAT 6501

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

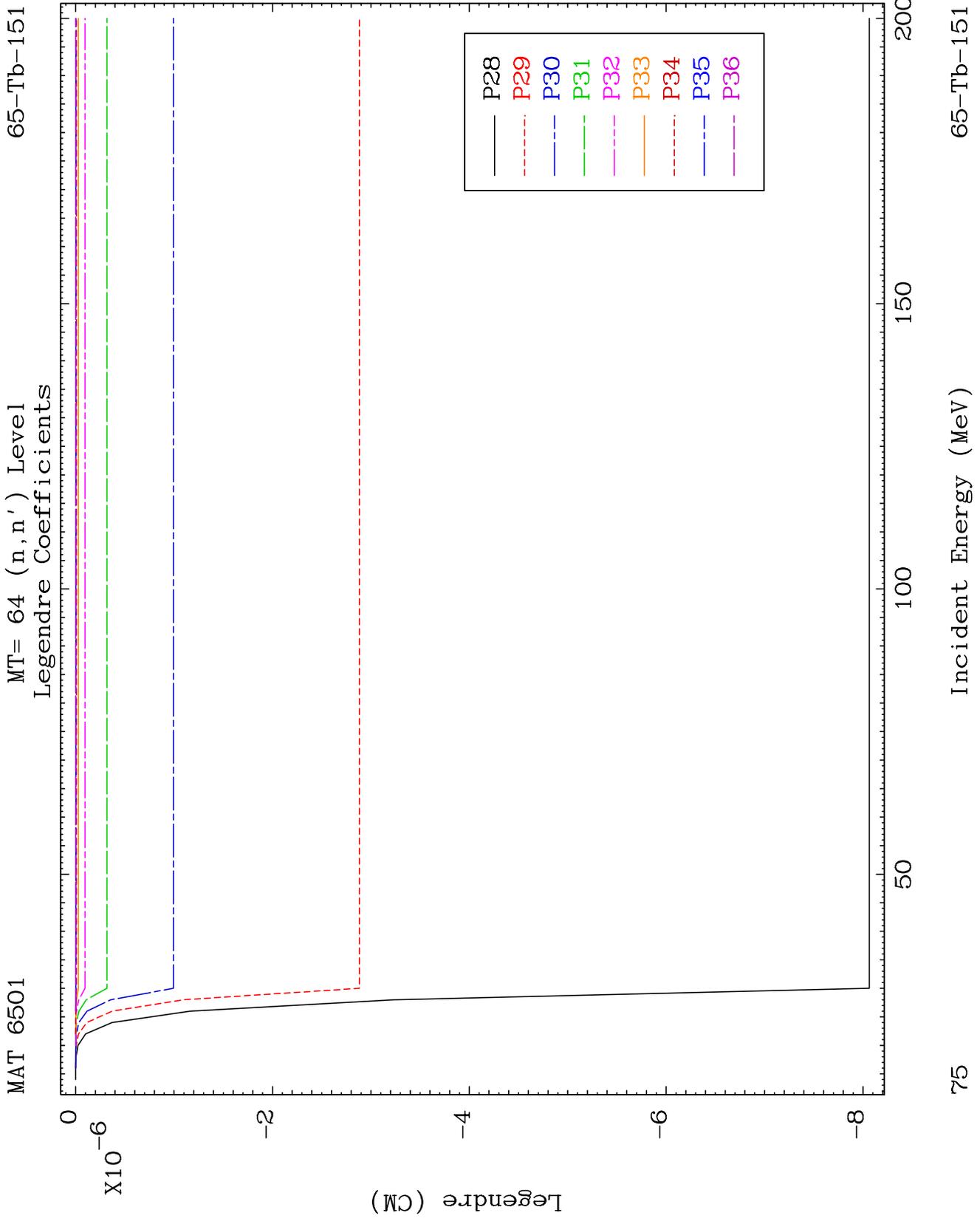
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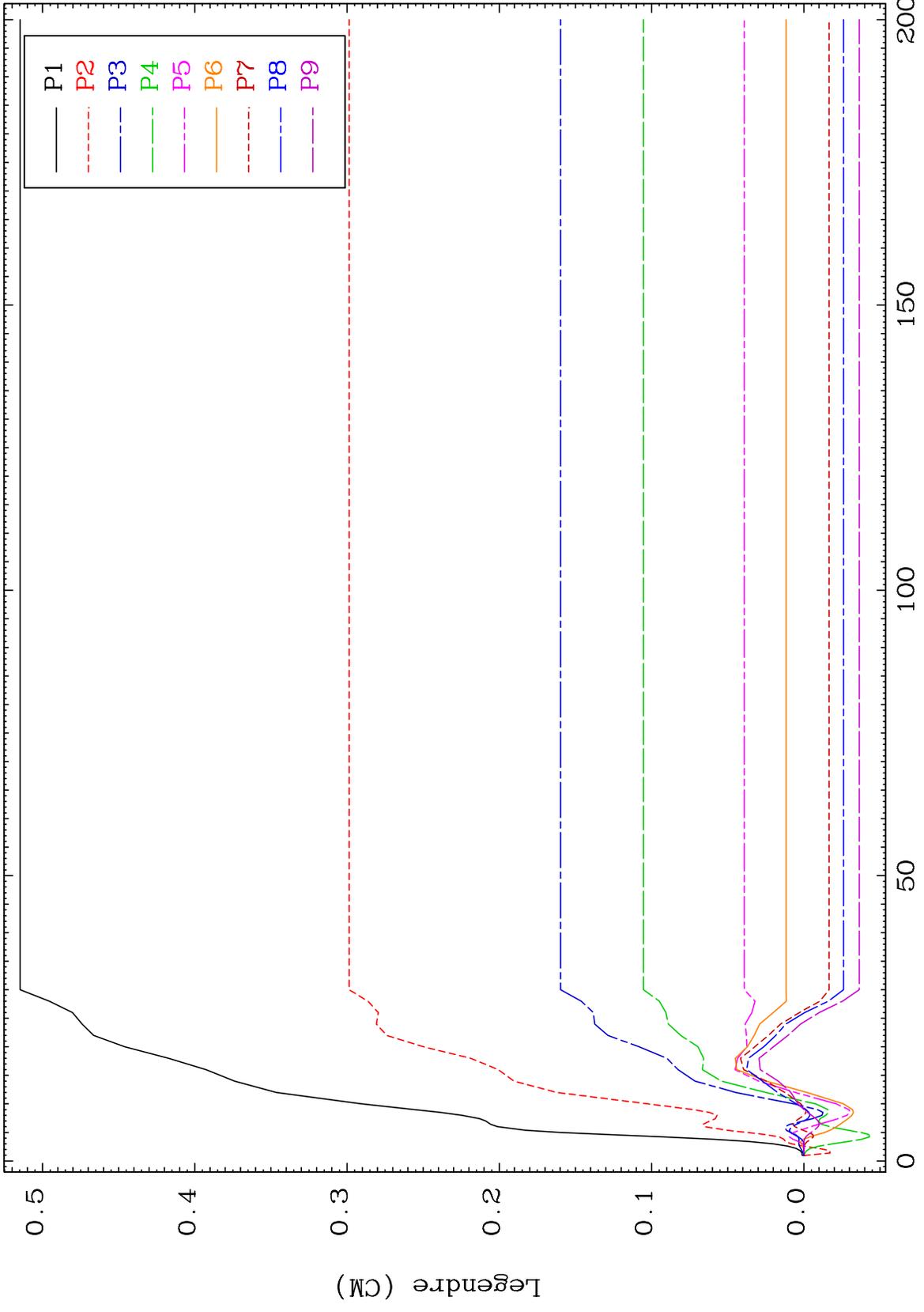
74

Incident Energy (MeV)

65-Tb-151



MAT 6501 MT= 65 (n,n') Level Legendre Coefficients 65-Tb-151

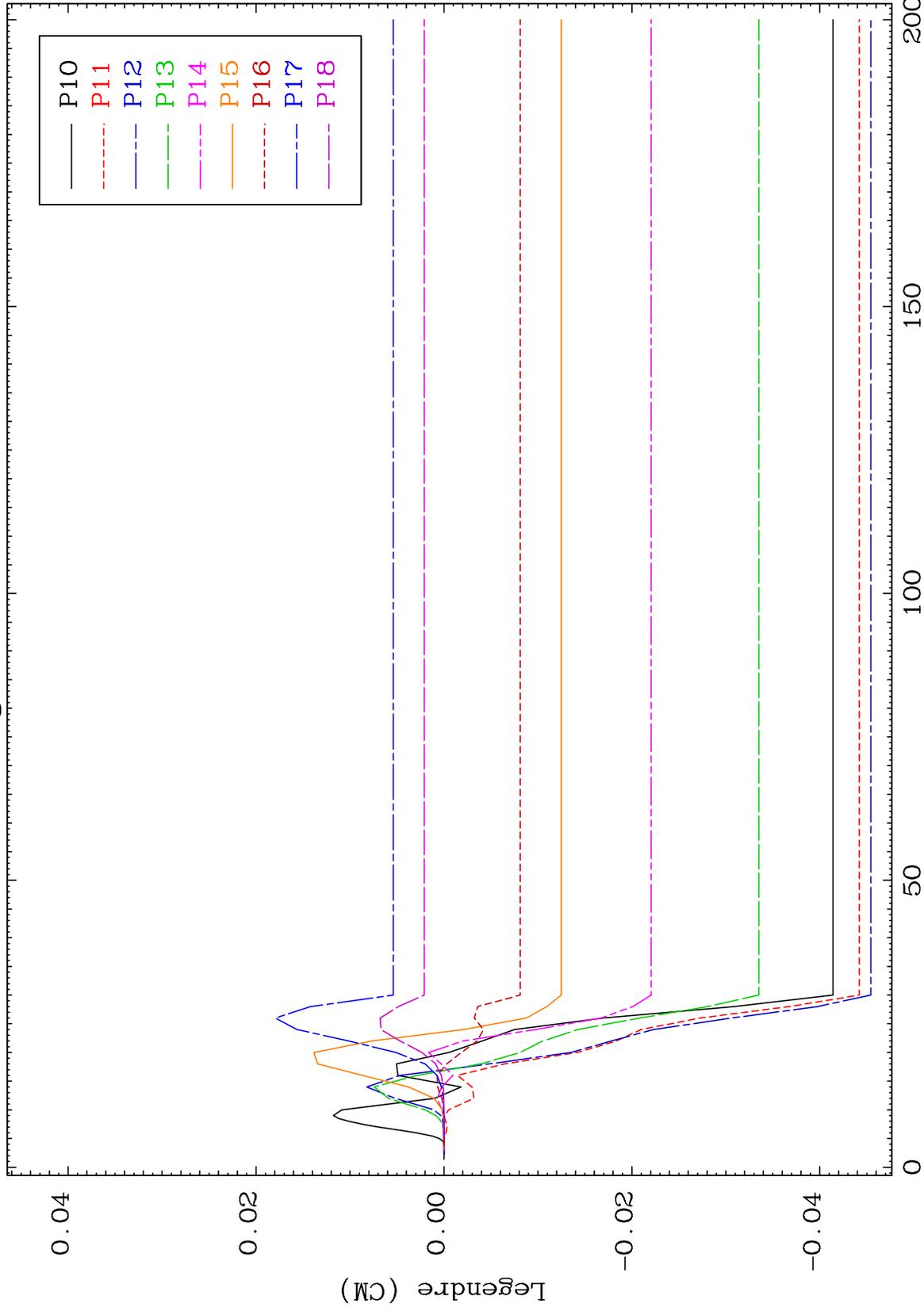


76 Incident Energy (MeV) 65-Tb-151

MAT 6501

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

65-Tb-151



77

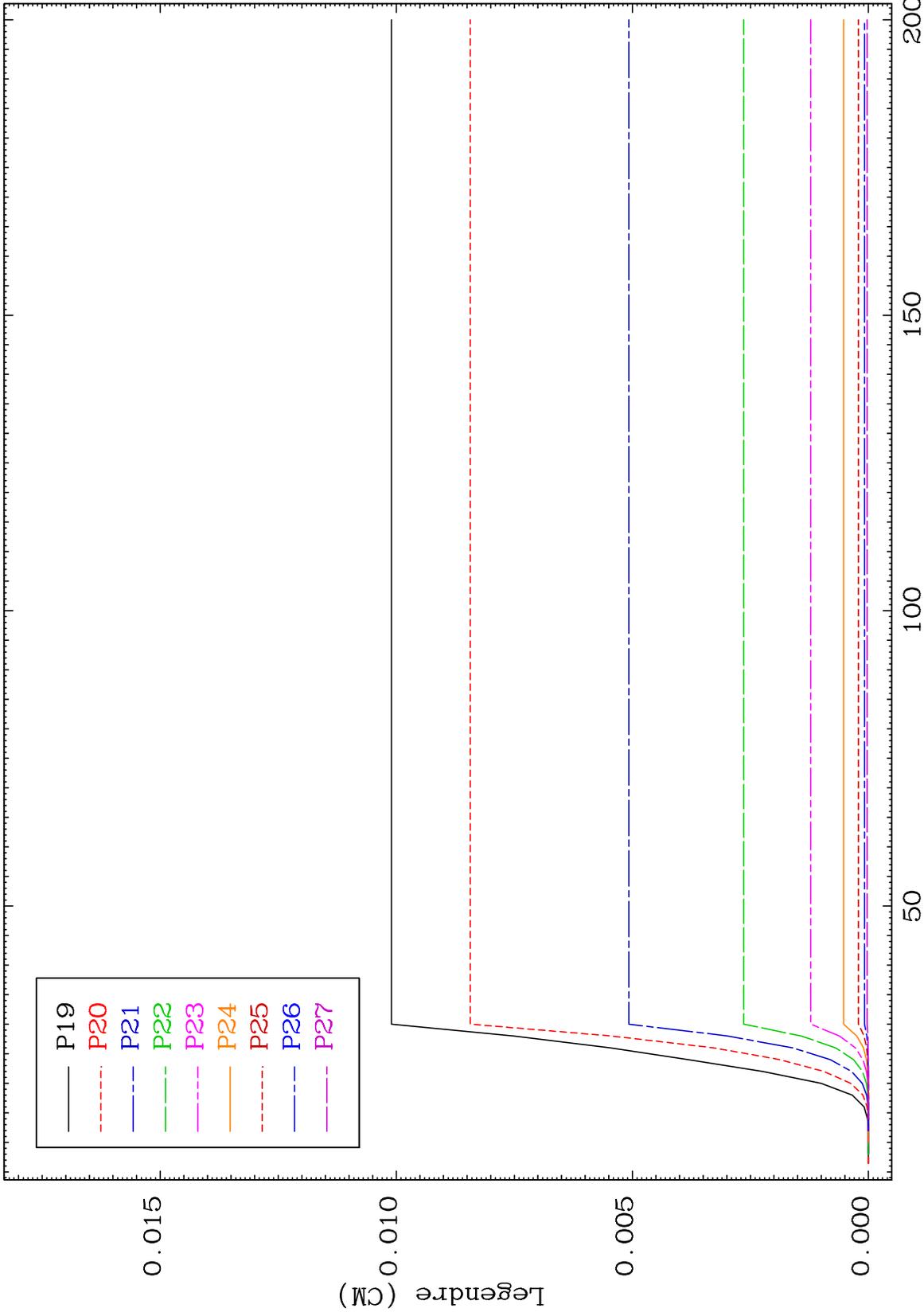
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

65-Tb-151



78

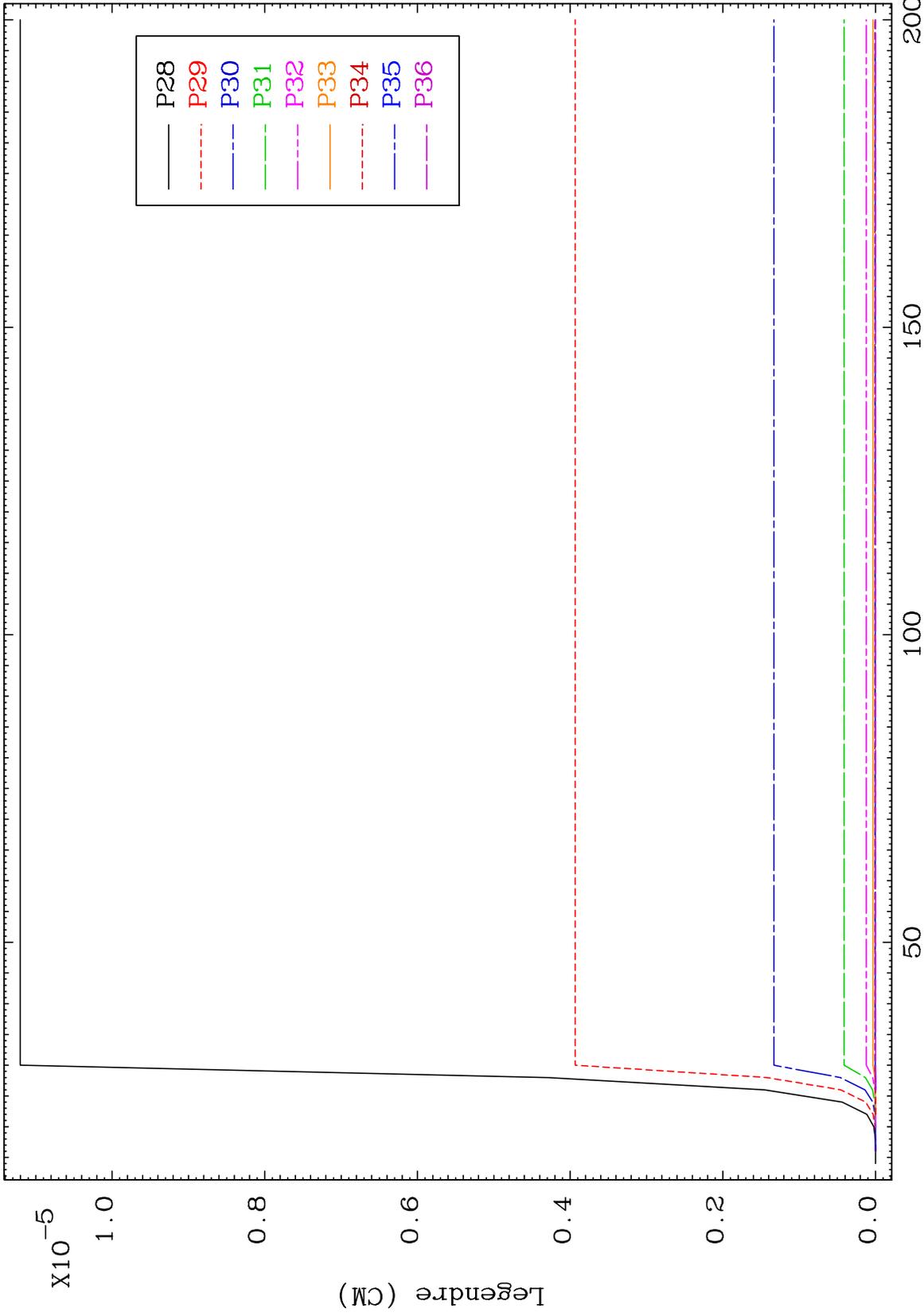
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

65-Tb-151



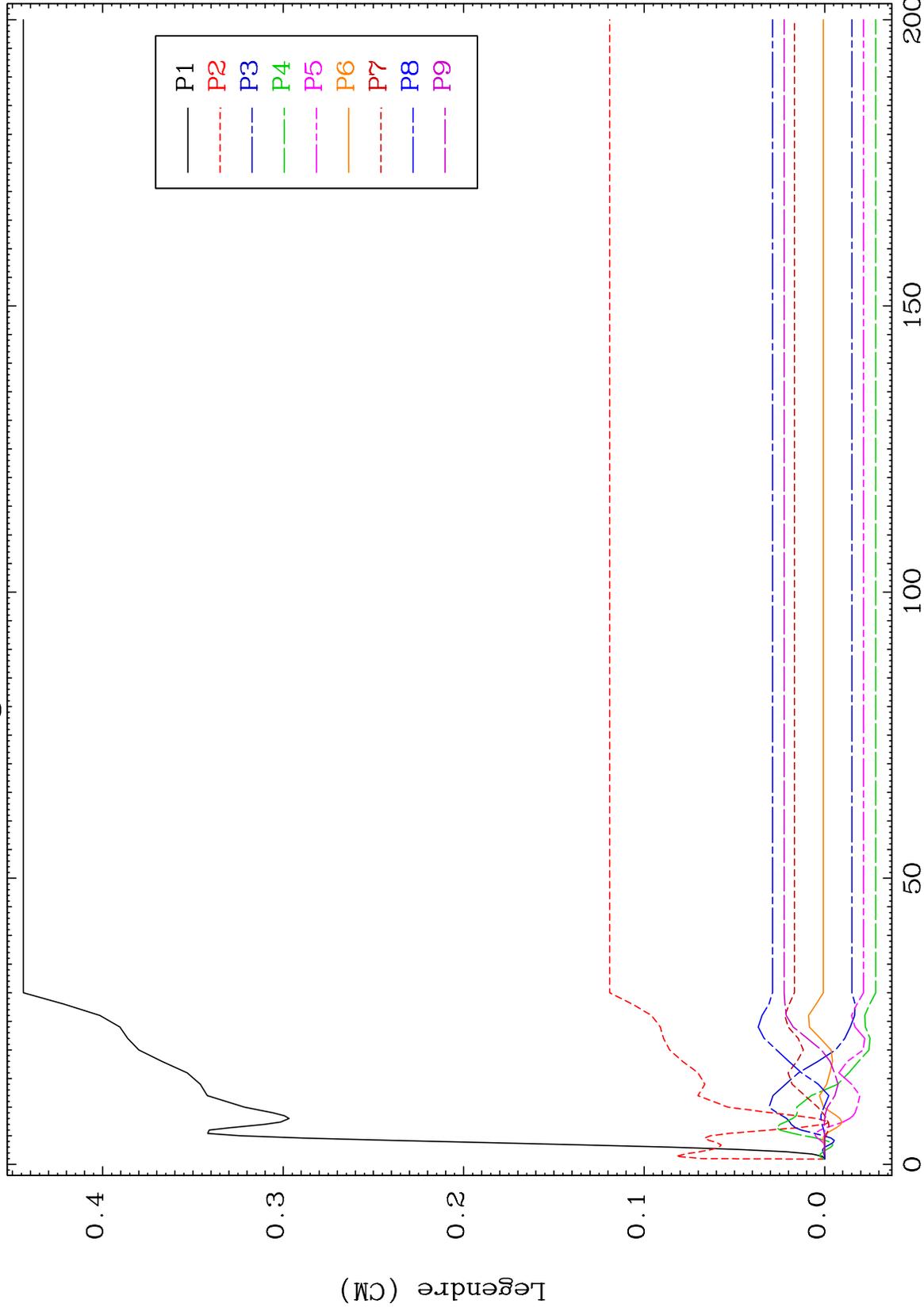
79

65-Tb-151

MAT 6501

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

65-Tb-151



80

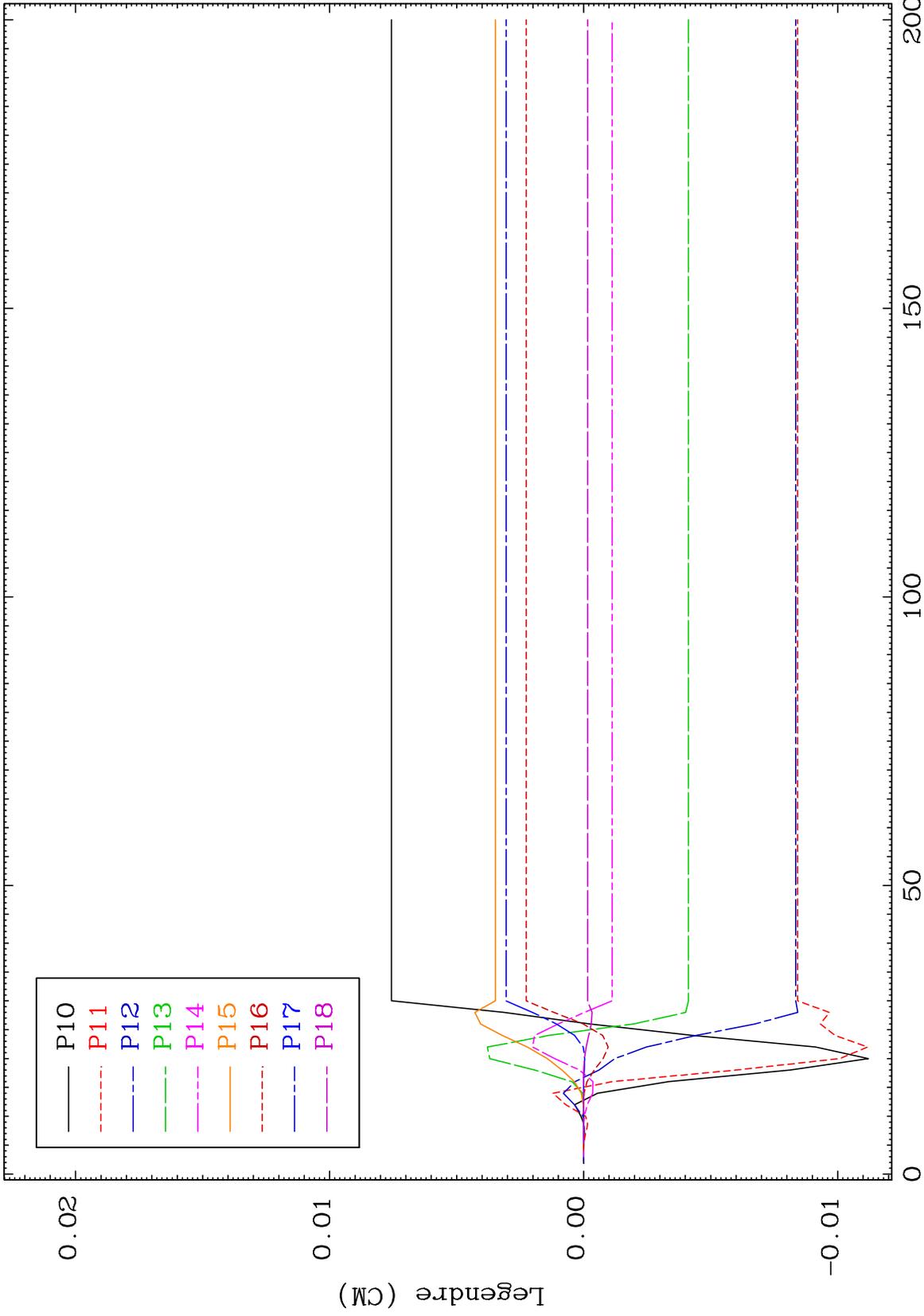
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

65-Tb-151

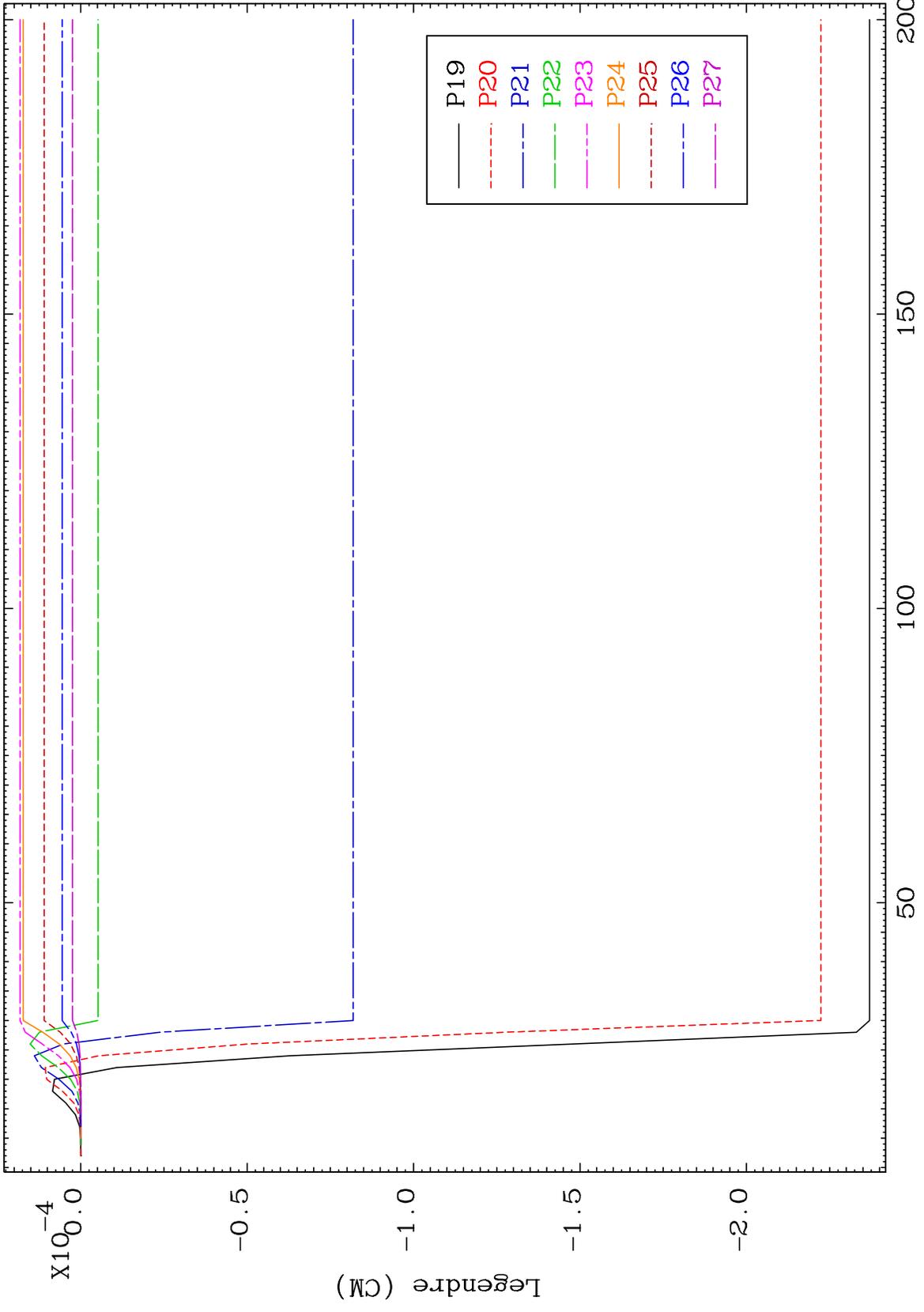


81

Incident Energy (MeV)

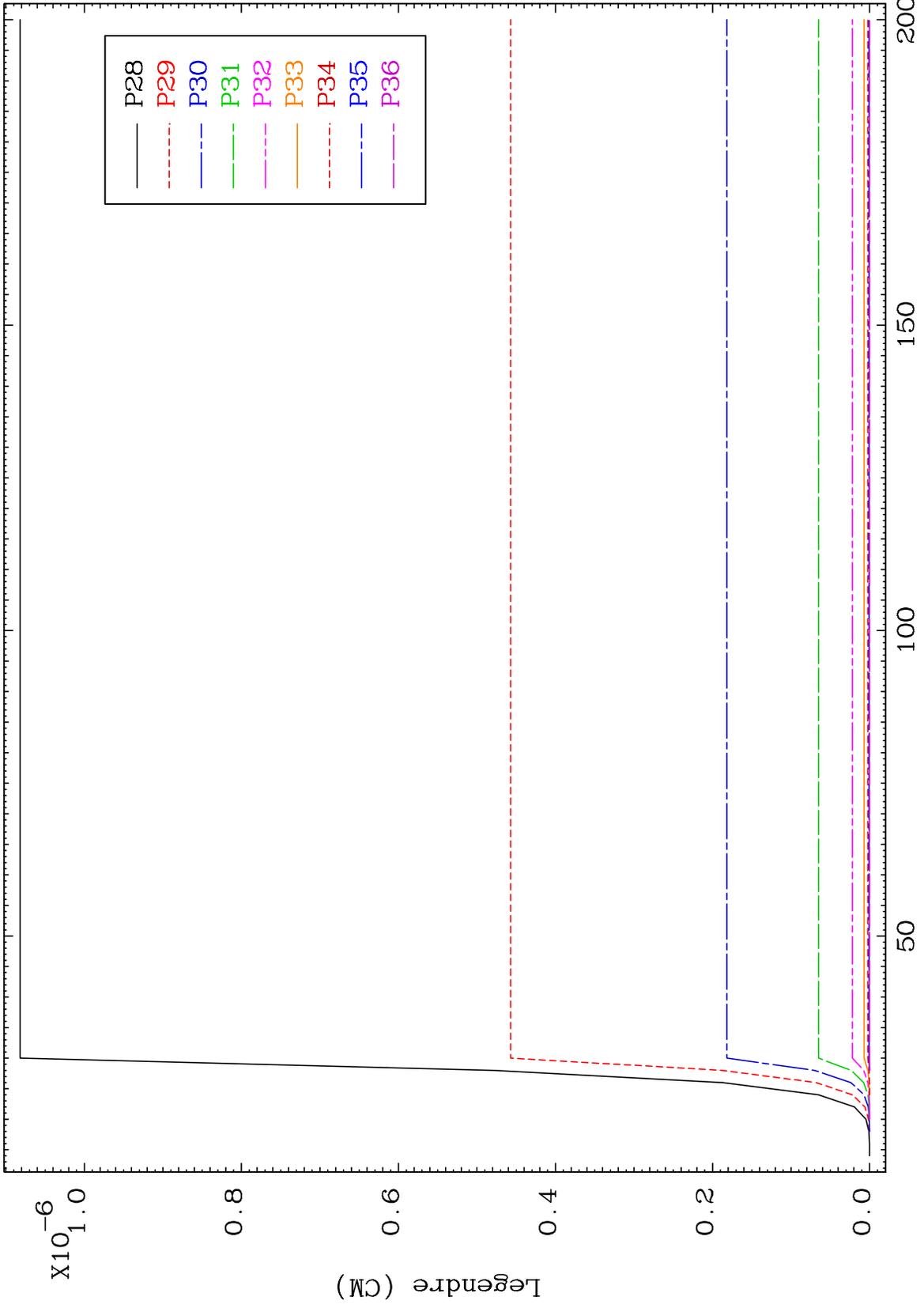
65-Tb-151

MAT 6501 MT= 66 (n,n') Level Legendre Coefficients 65-Tb-151

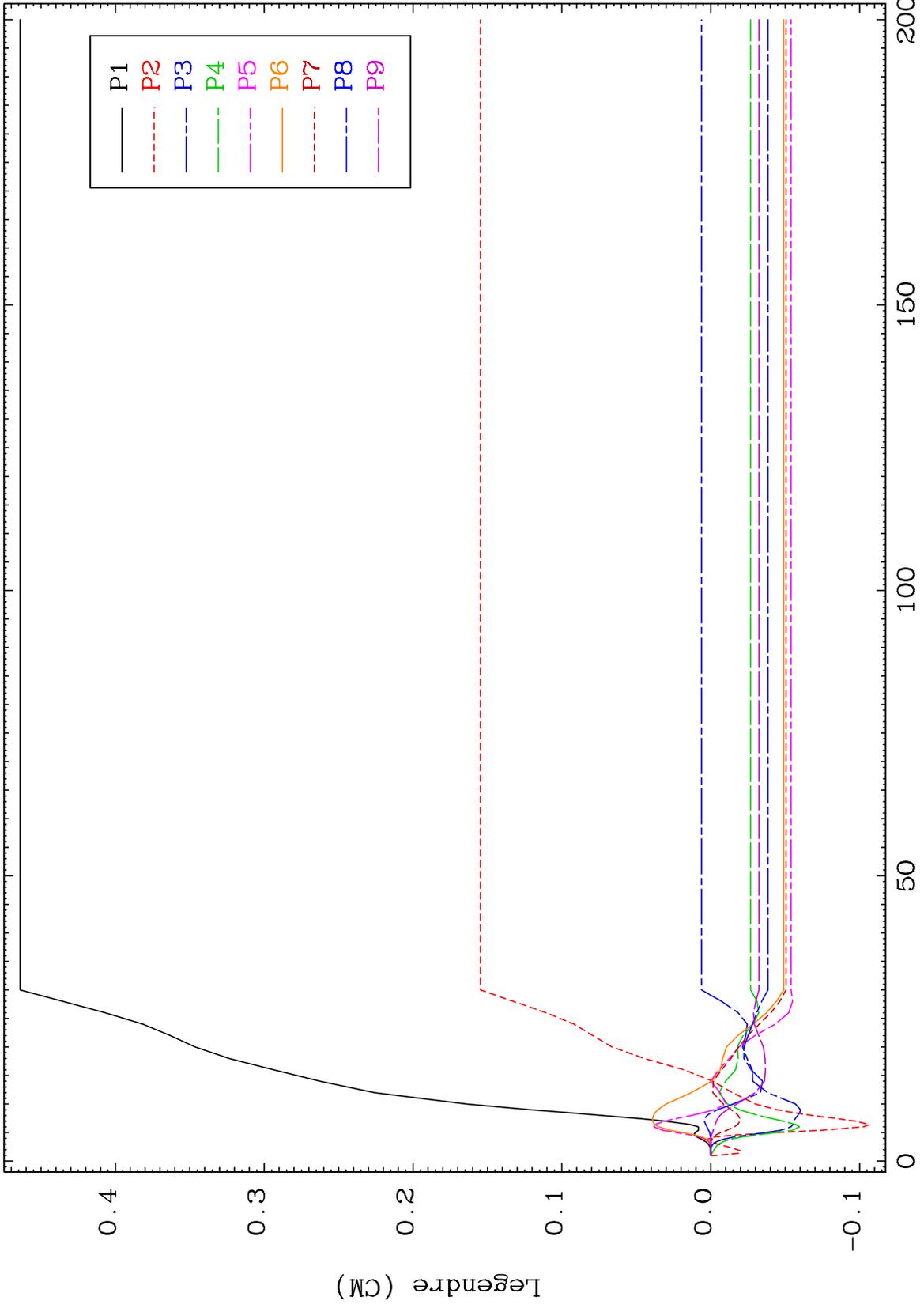


82 65-Tb-151

MAT 6501 MT= 66 (n,n') Level Legendre Coefficients 65-Tb-151



MAT 6501 MT= 67 (n,n') Level Legendre Coefficients 65-Tb-151

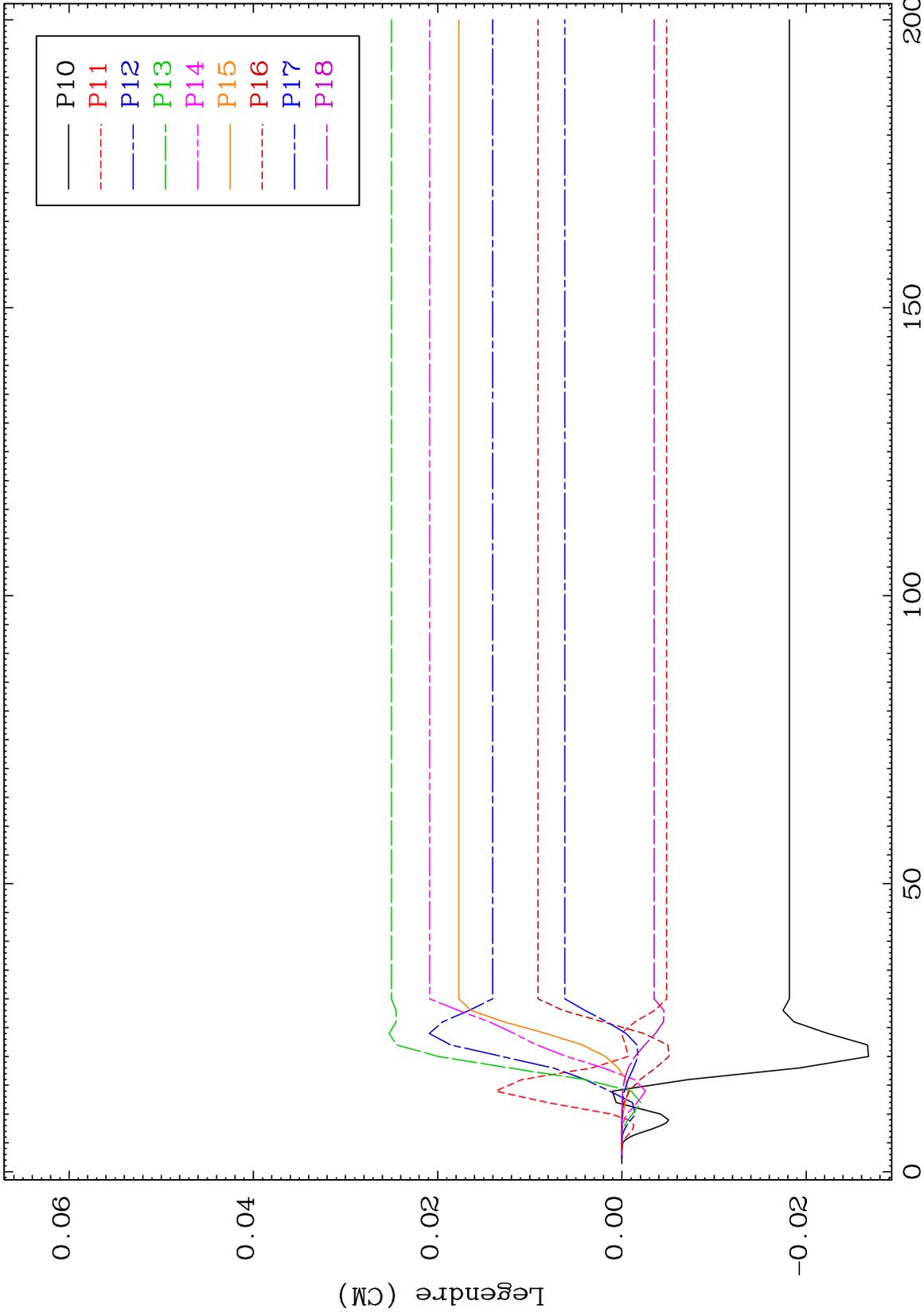


84 65-Tb-151

MAT 6501

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

65-Tb-151



85

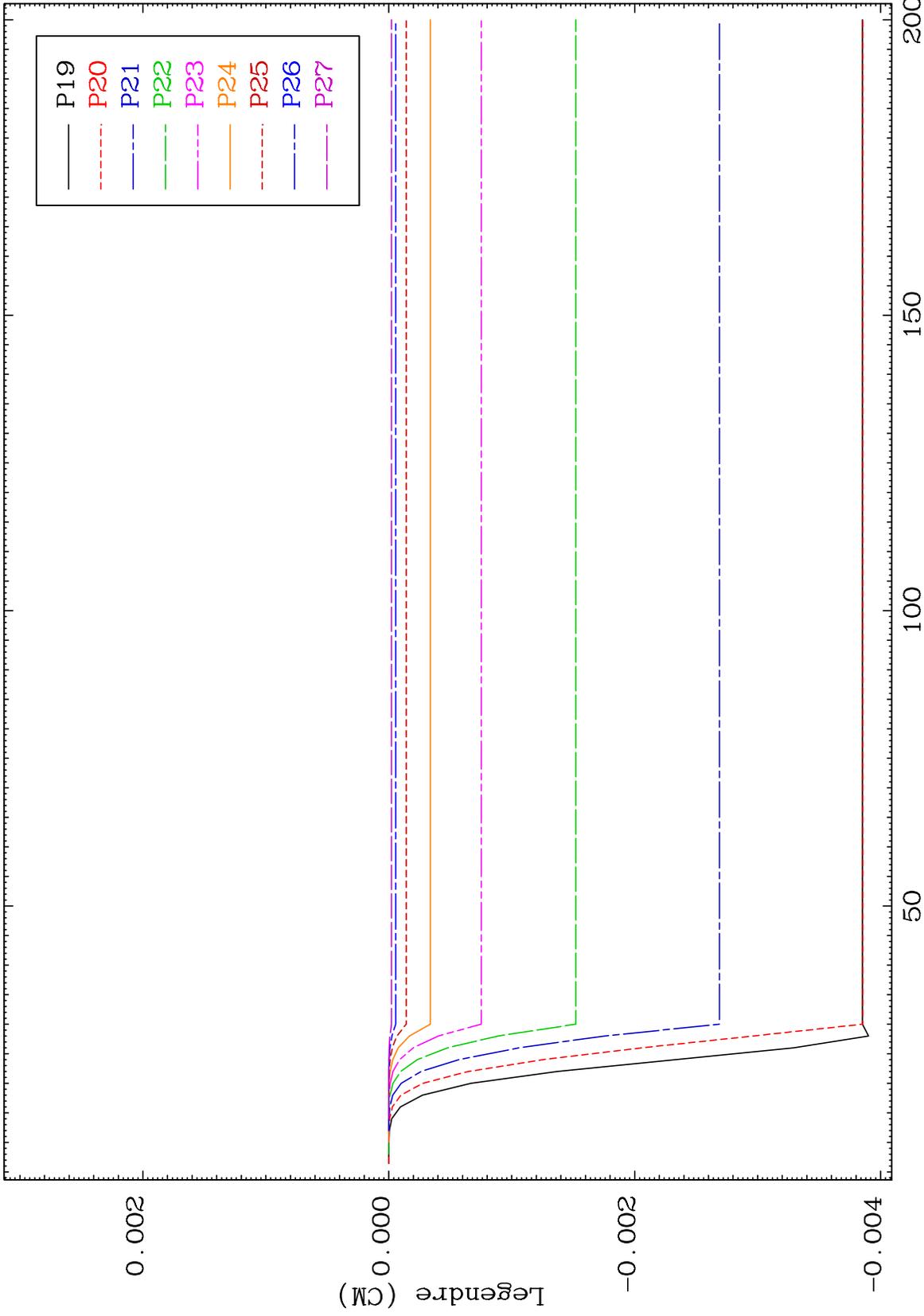
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

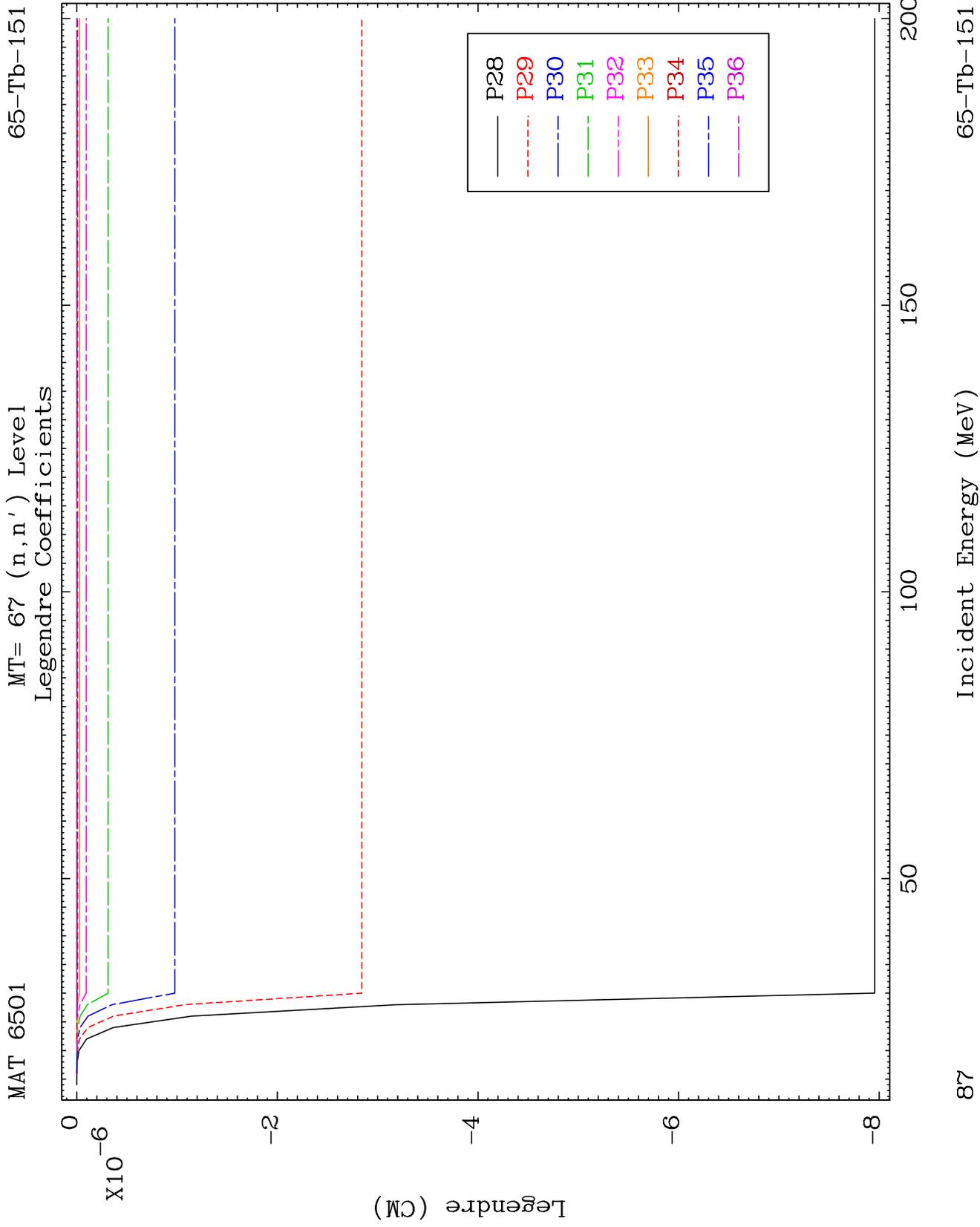
65-Tb-151



86

Incident Energy (MeV)

65-Tb-151

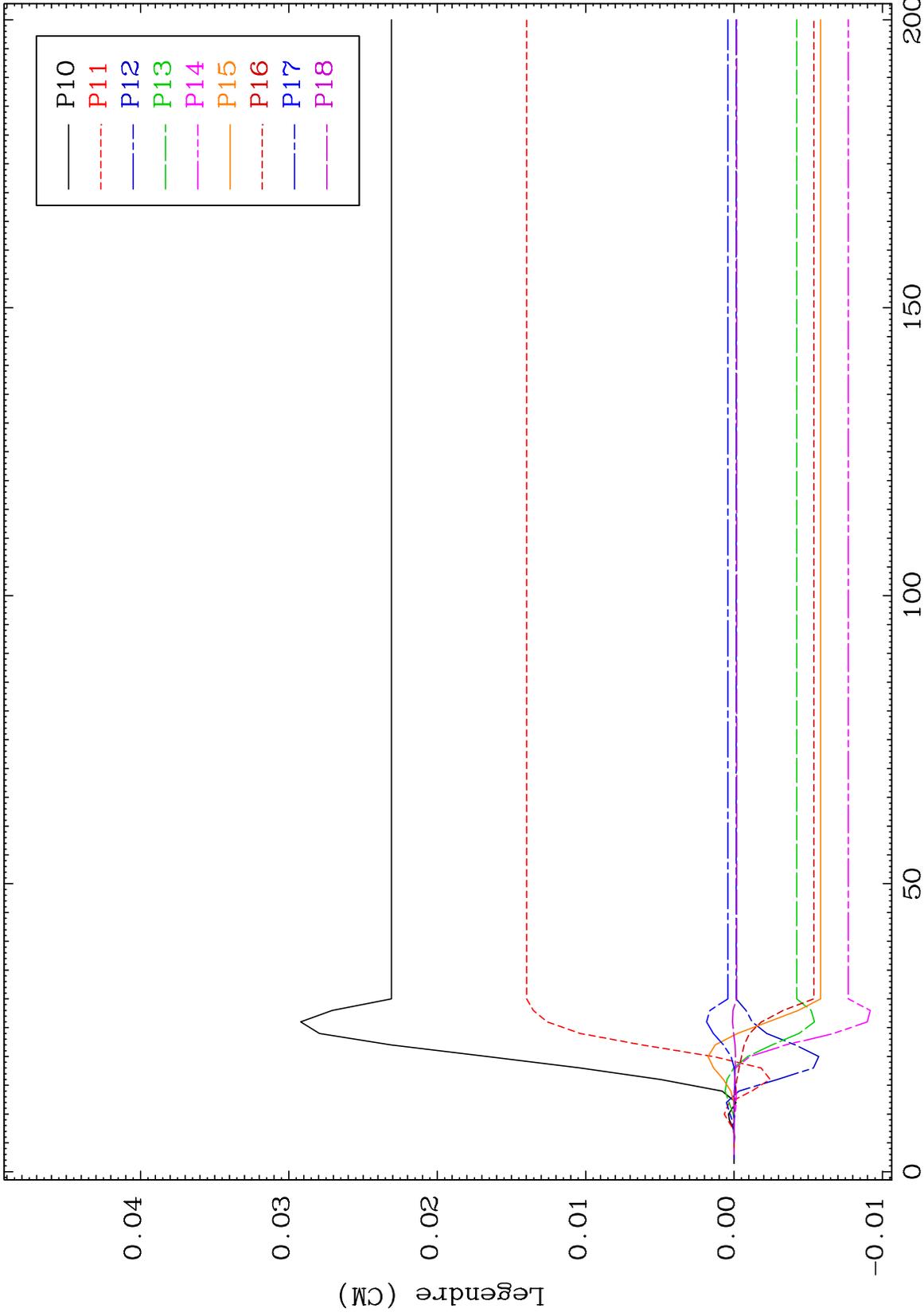




MAT 6501

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

65-Tb-151



89

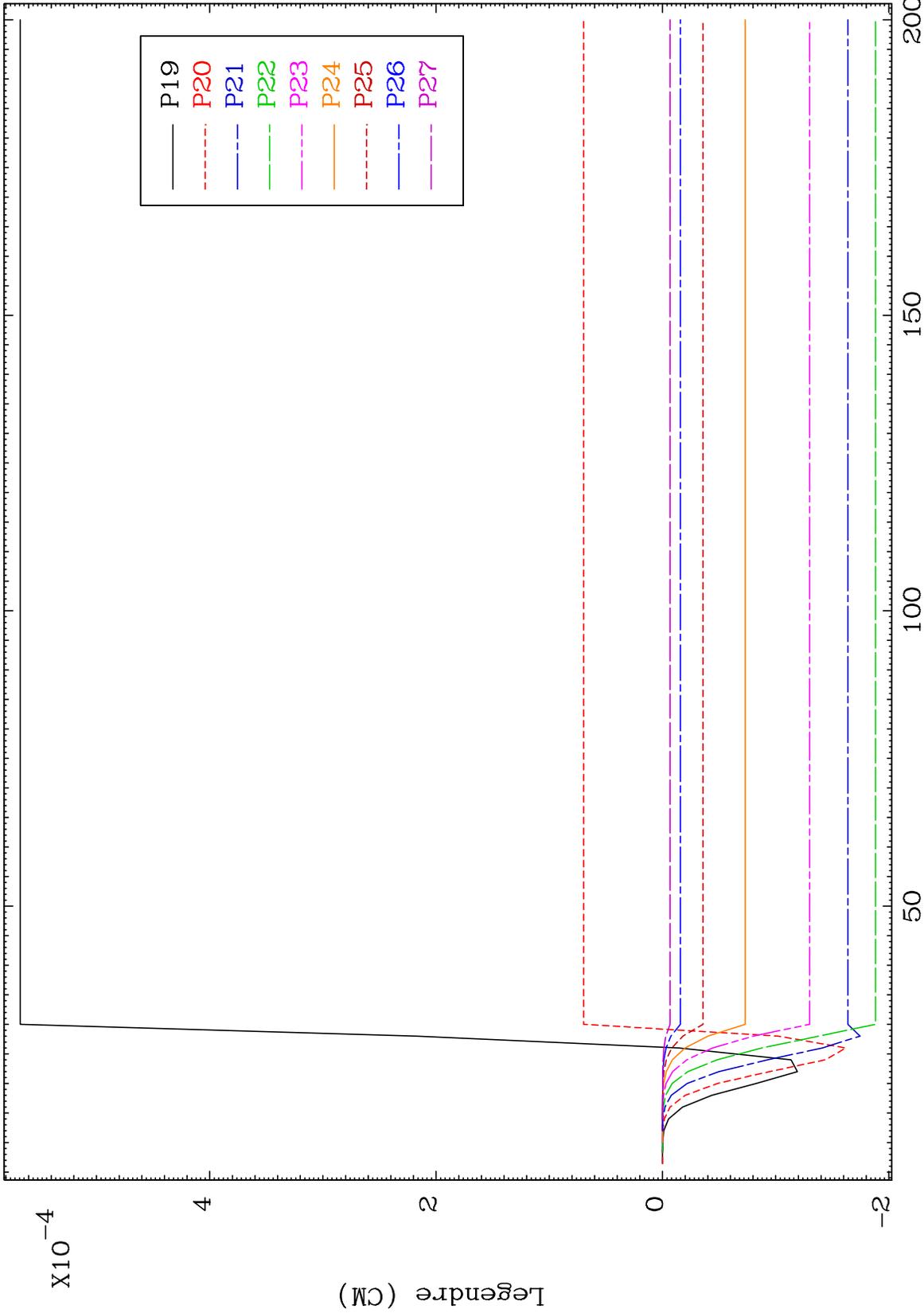
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

65-Tb-151

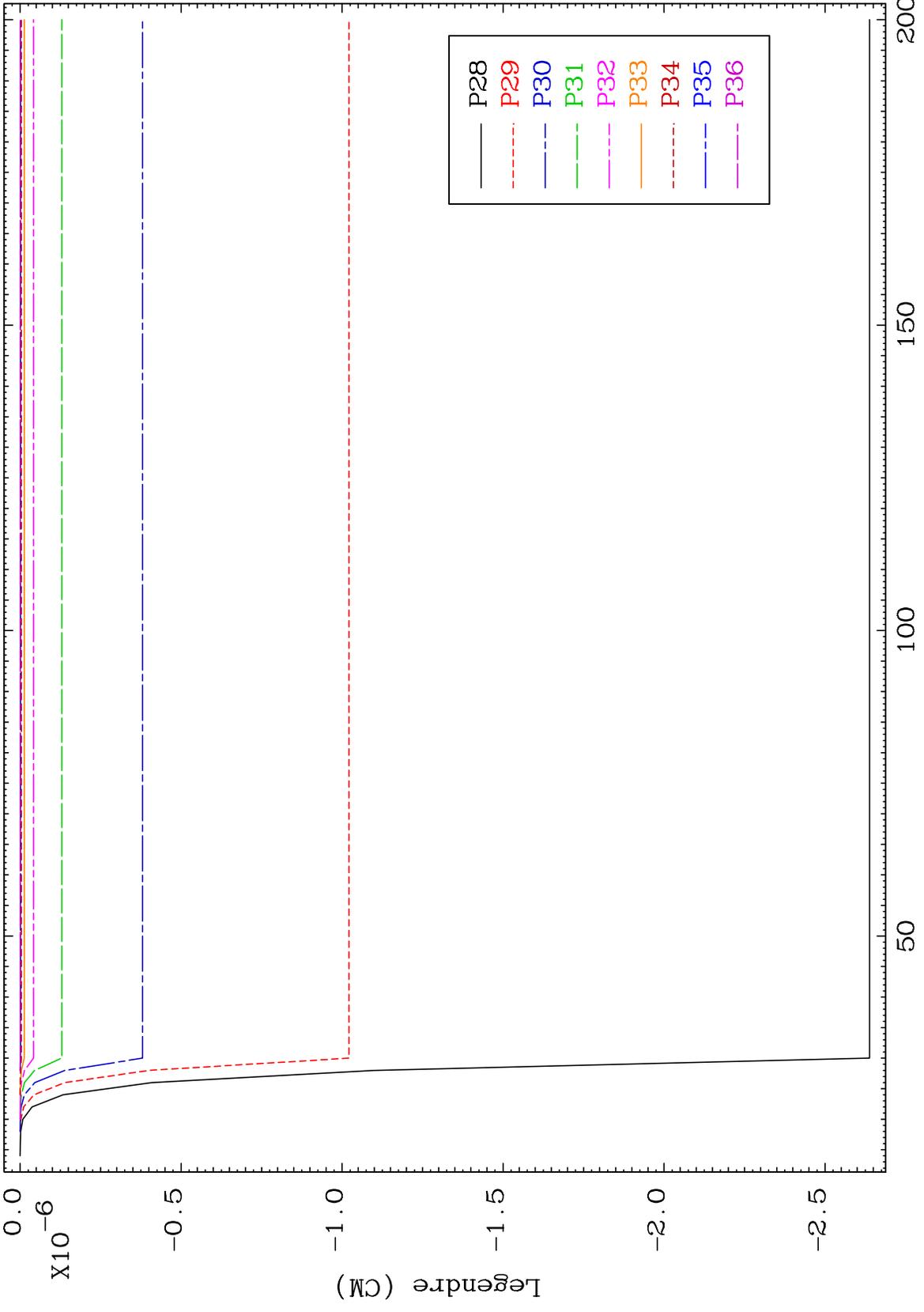


90

Incident Energy (MeV)

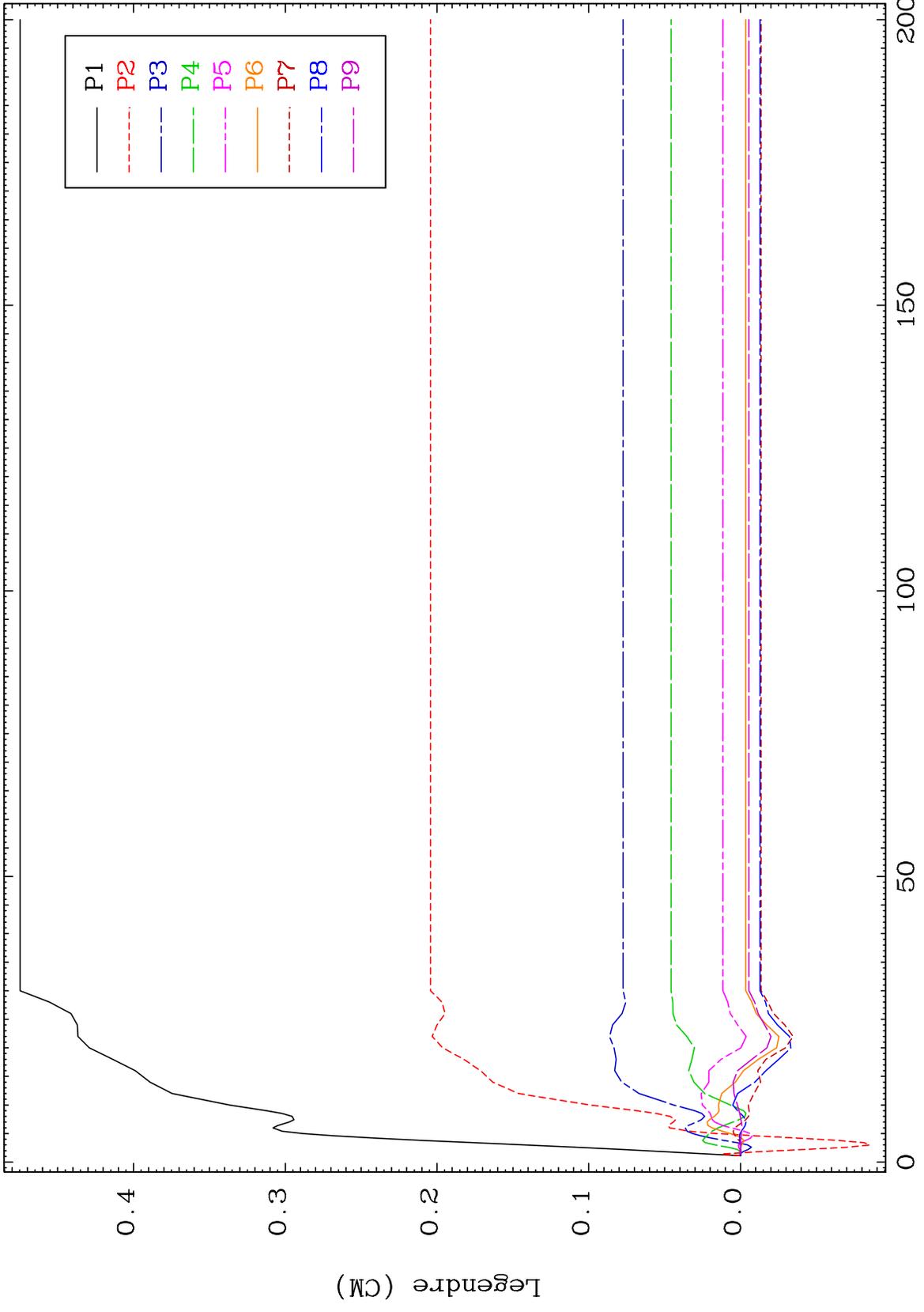
65-Tb-151

MAT 6501 MT= 68 (n,n') Level Legendre Coefficients 65-Tb-151



91 65-Tb-151

MAT 6501 MT= 69 (n,n') Level Legendre Coefficients 65-Tb-151

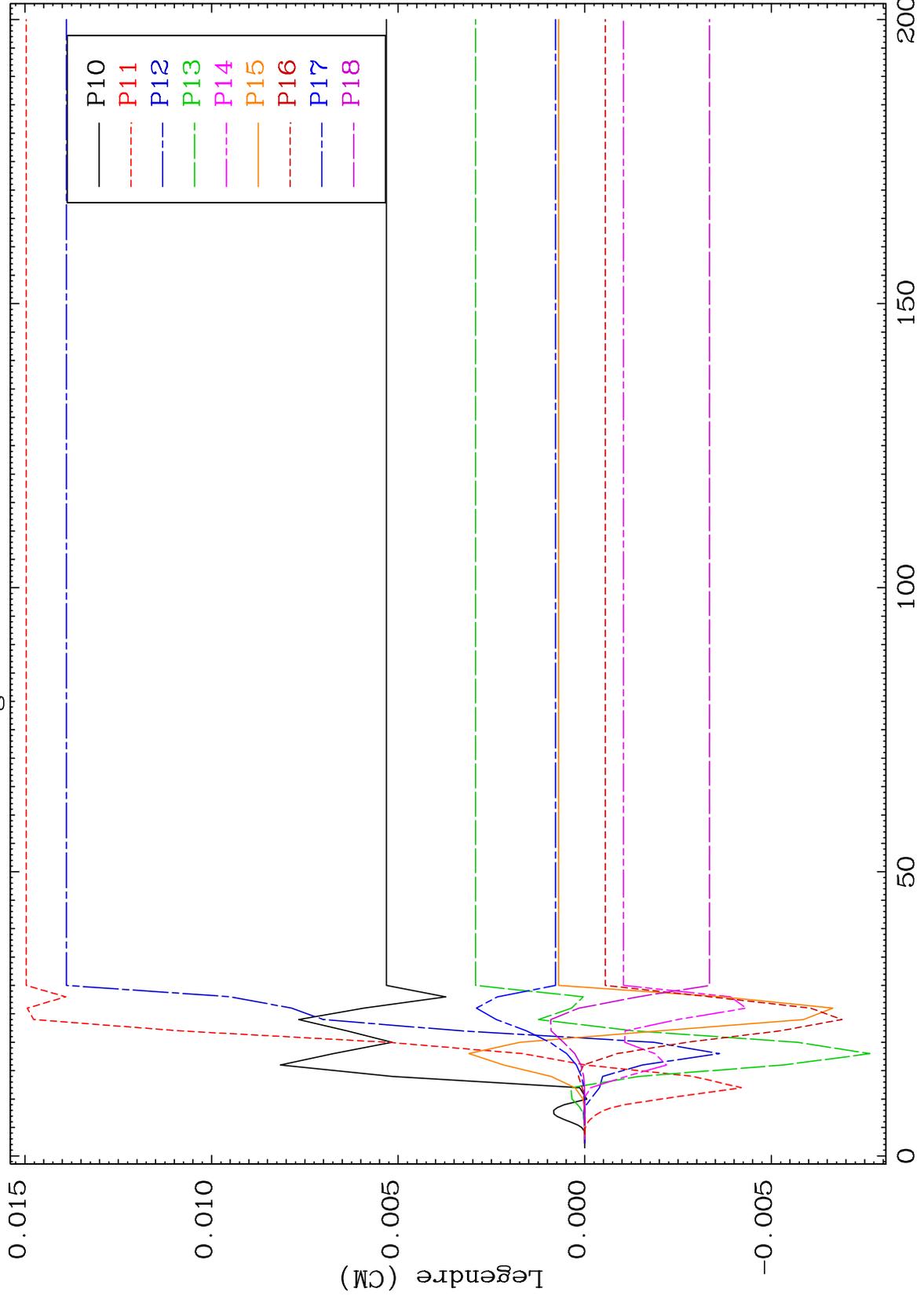


92 65-Tb-151

MAT 6501 MT= 69 (n,n') Level Legendre Coefficients

65-Tb-151

65-Tb-151

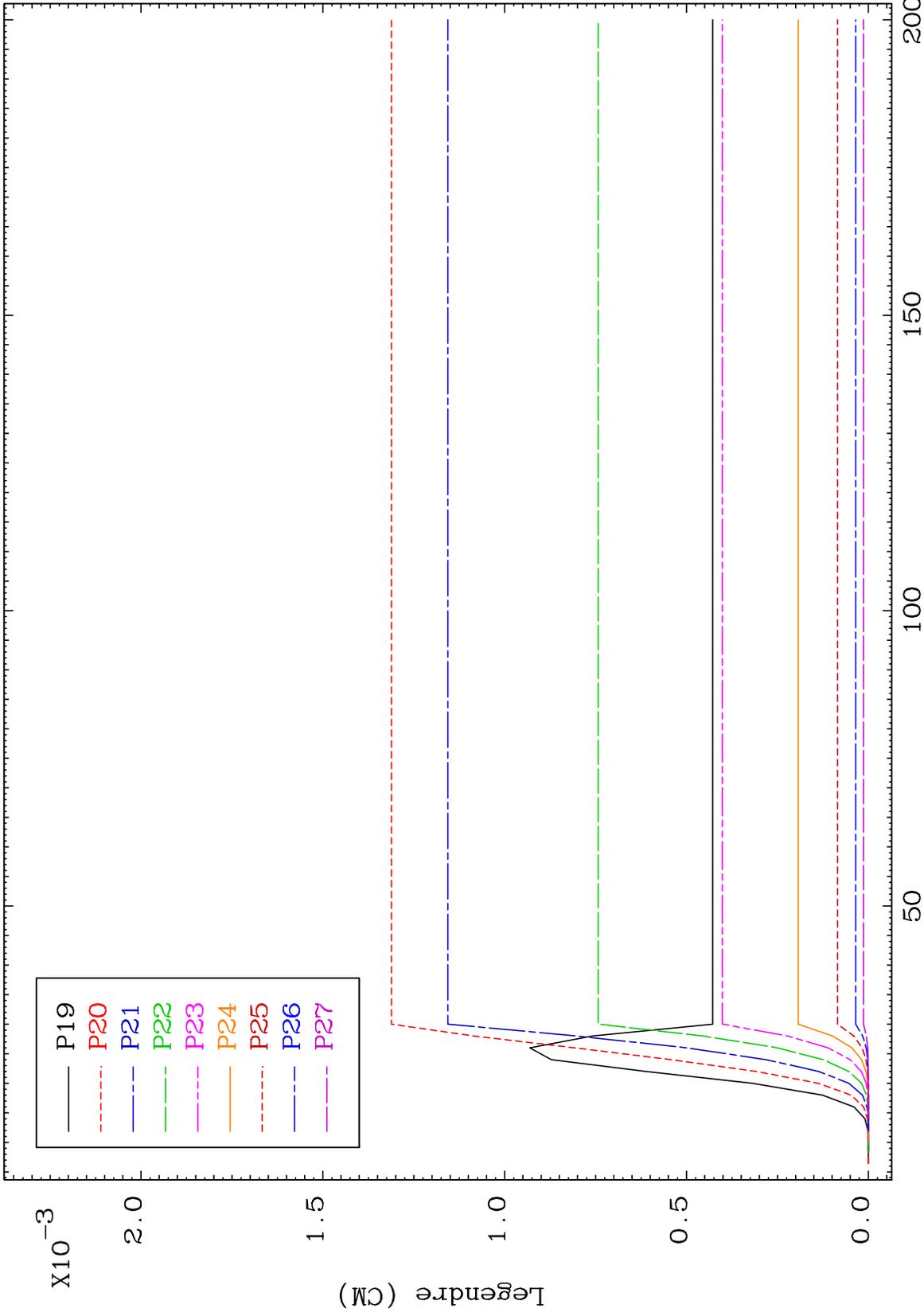


93

MAT 6501

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

65-Tb-151



94

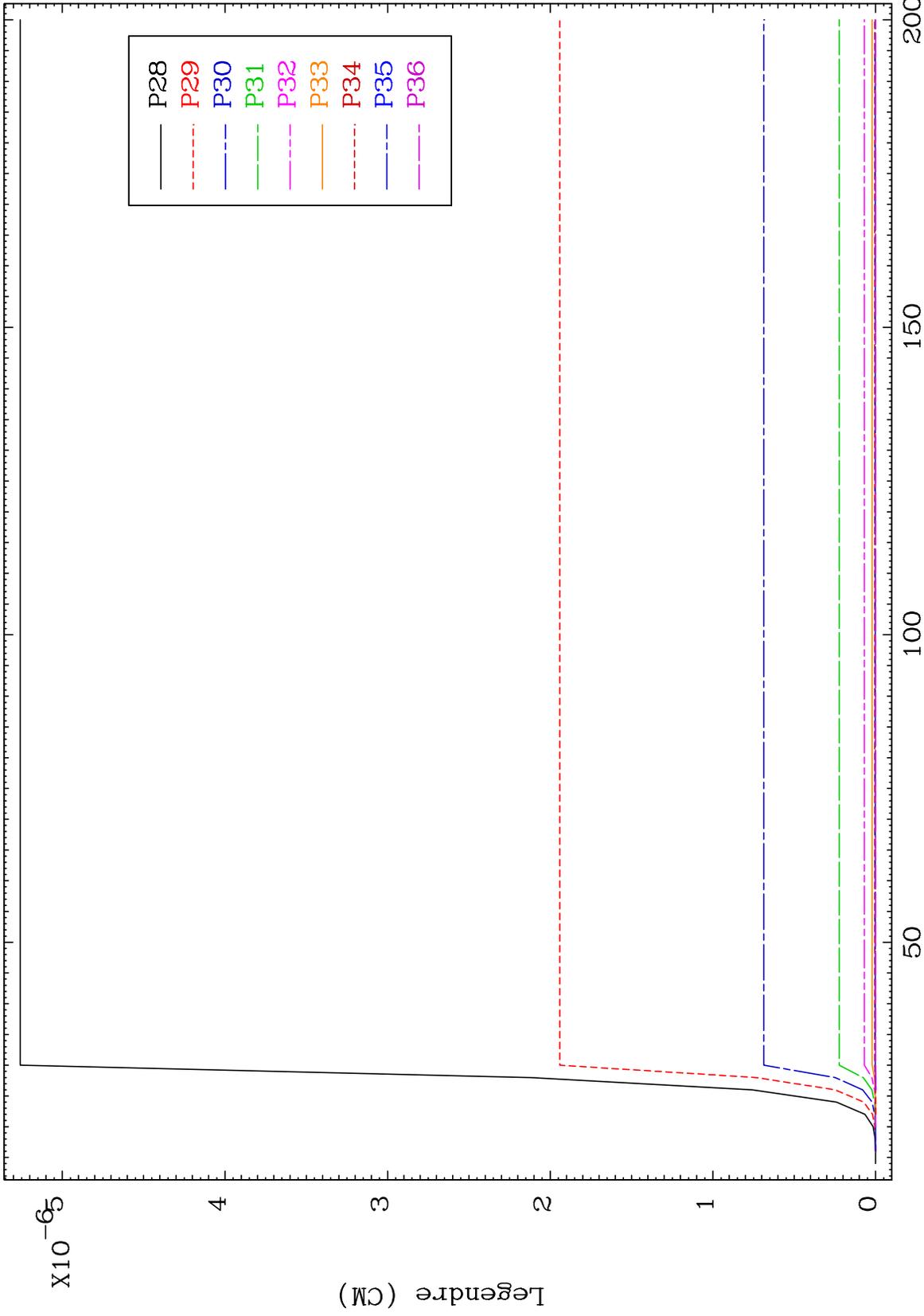
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

65-Tb-151



95

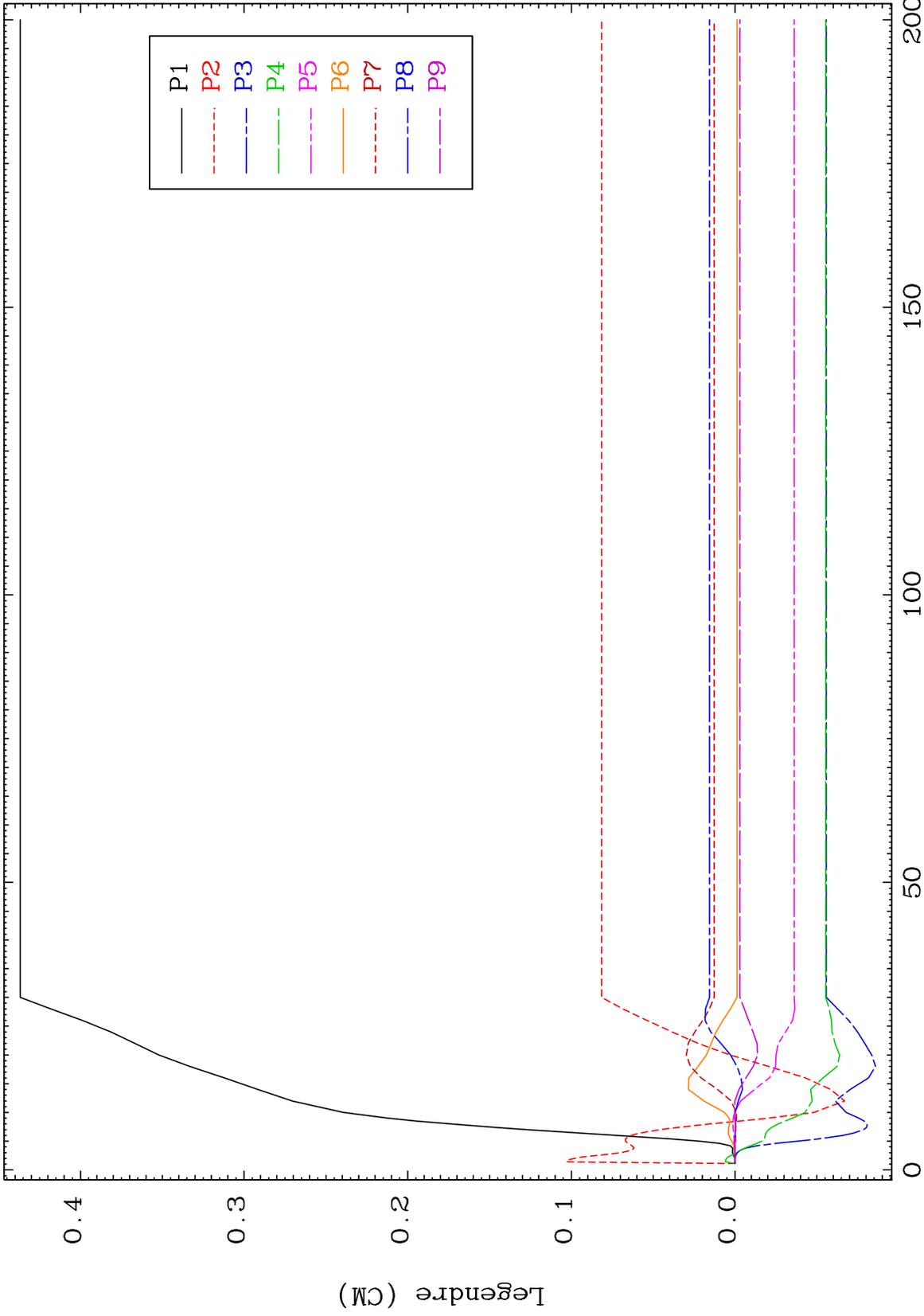
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

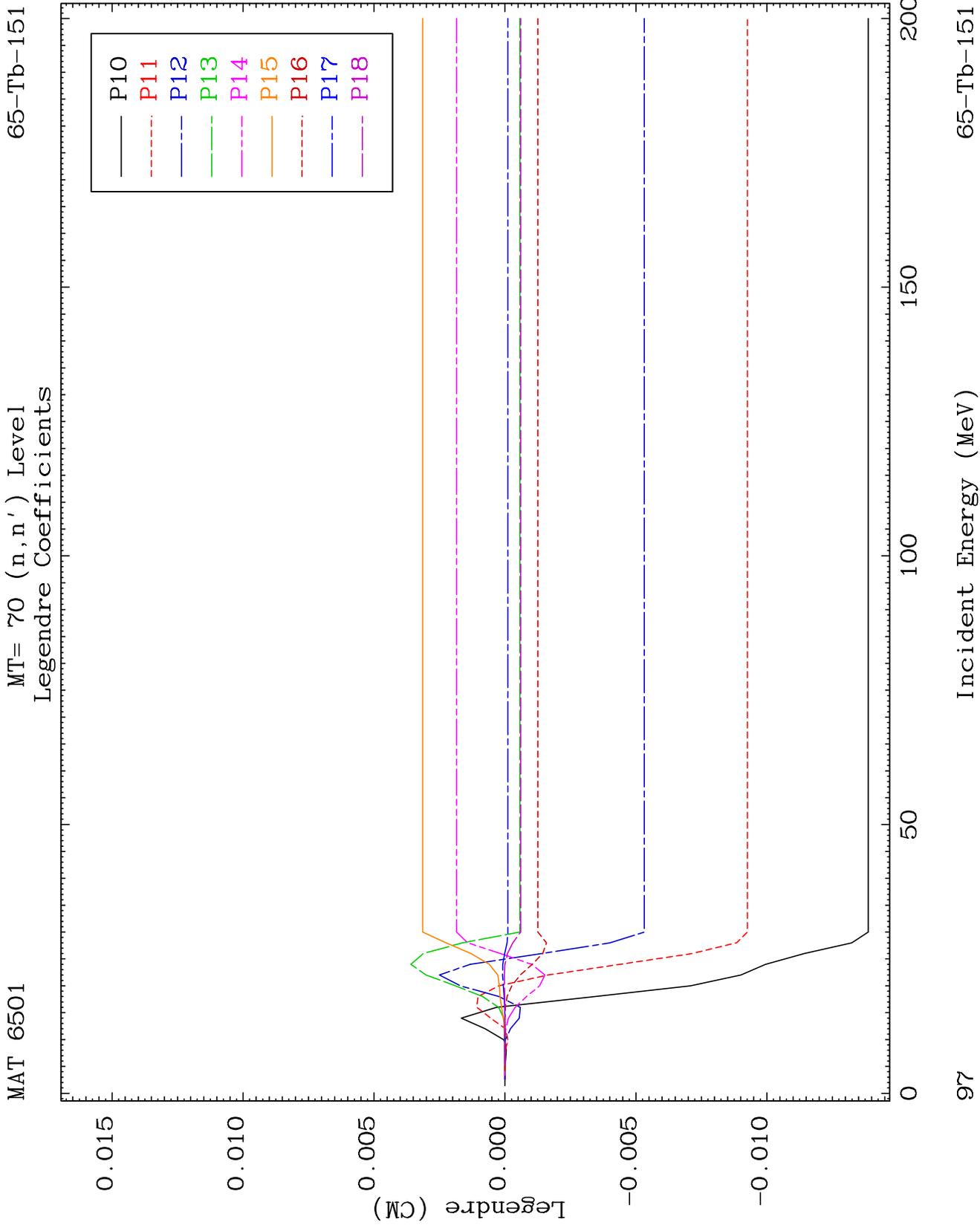
65-Tb-151



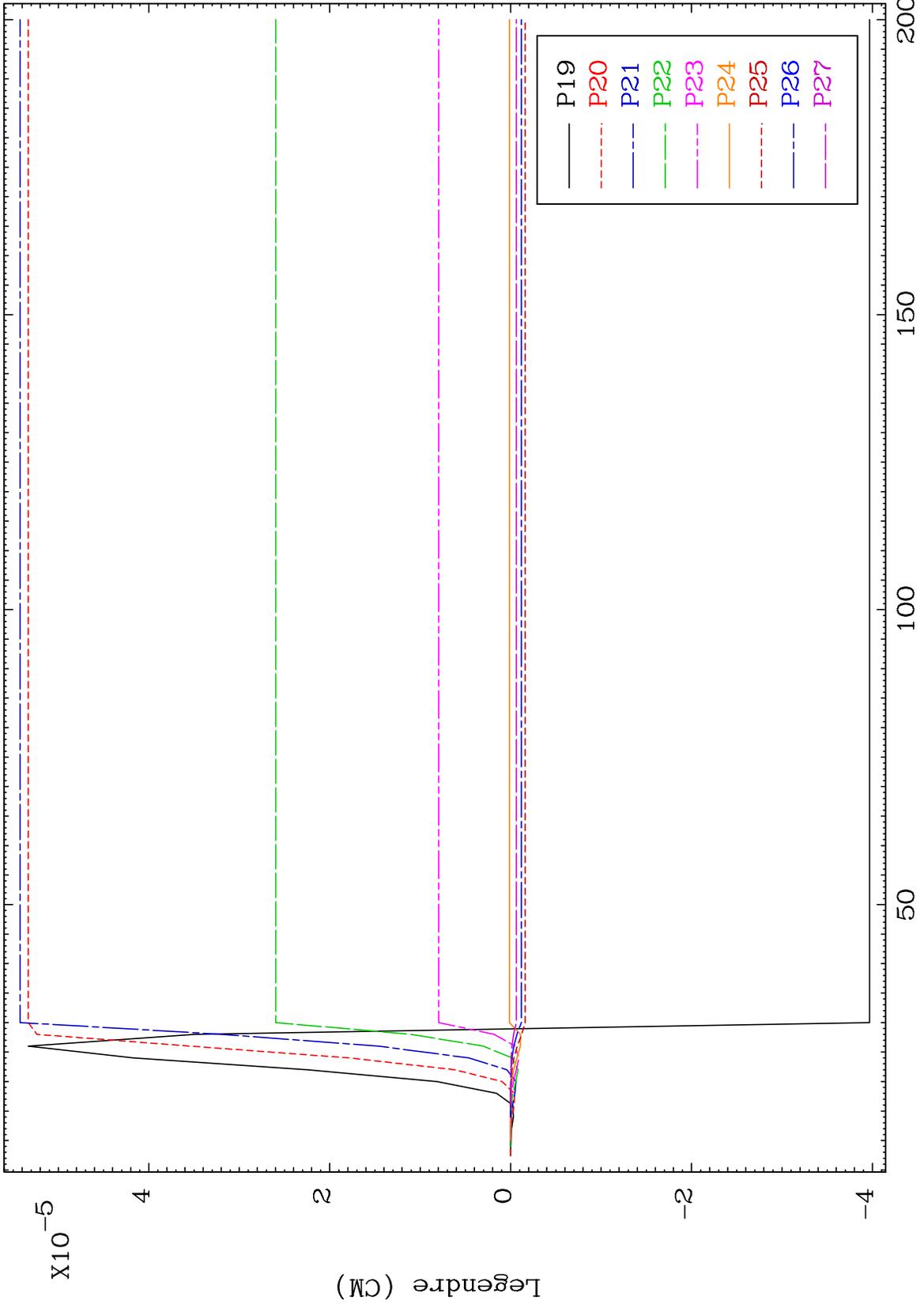
96

Incident Energy (MeV)

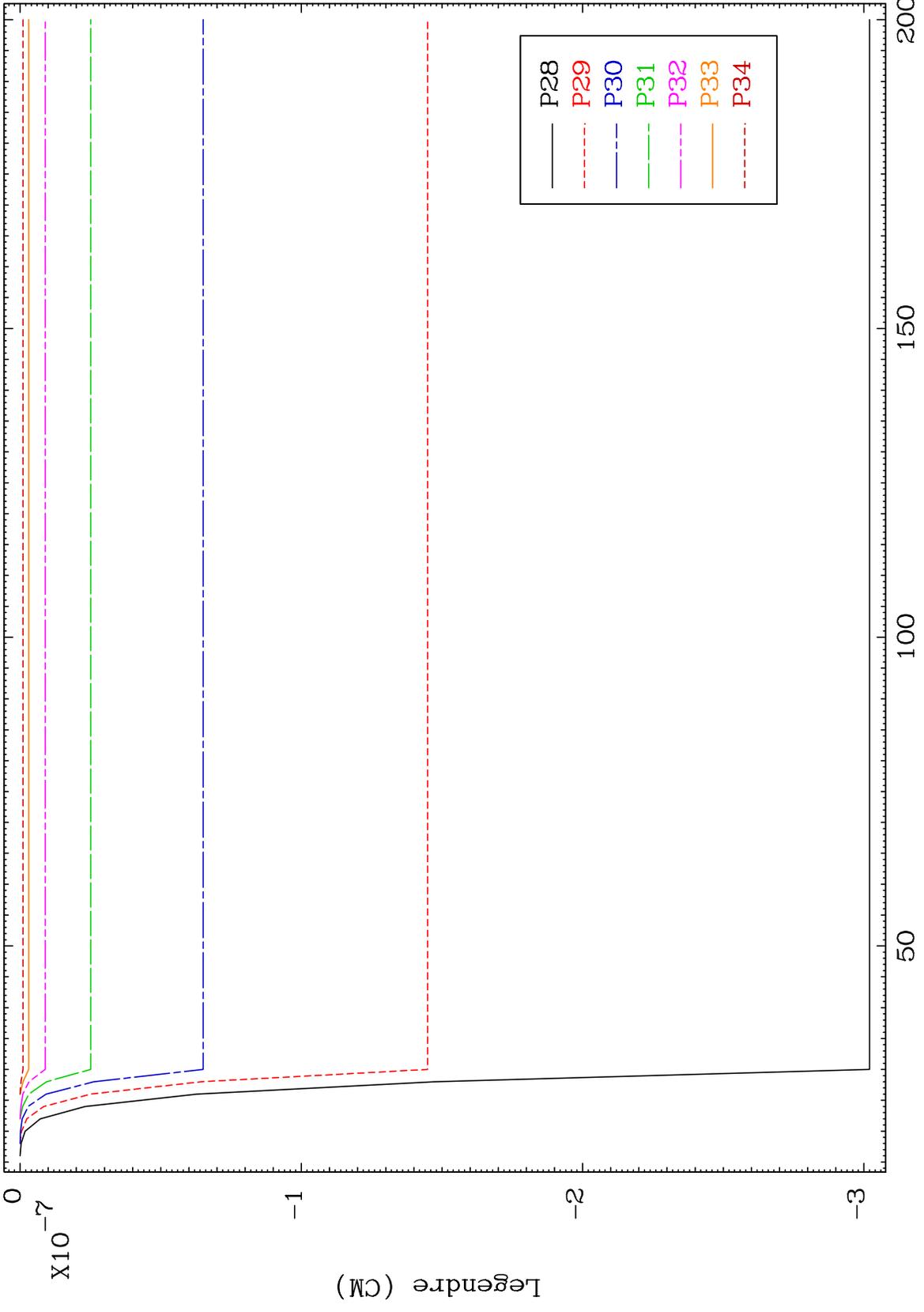
65-Tb-151



MAT 6501 MT= 70 (n,n') Level Legendre Coefficients 65-Tb-151



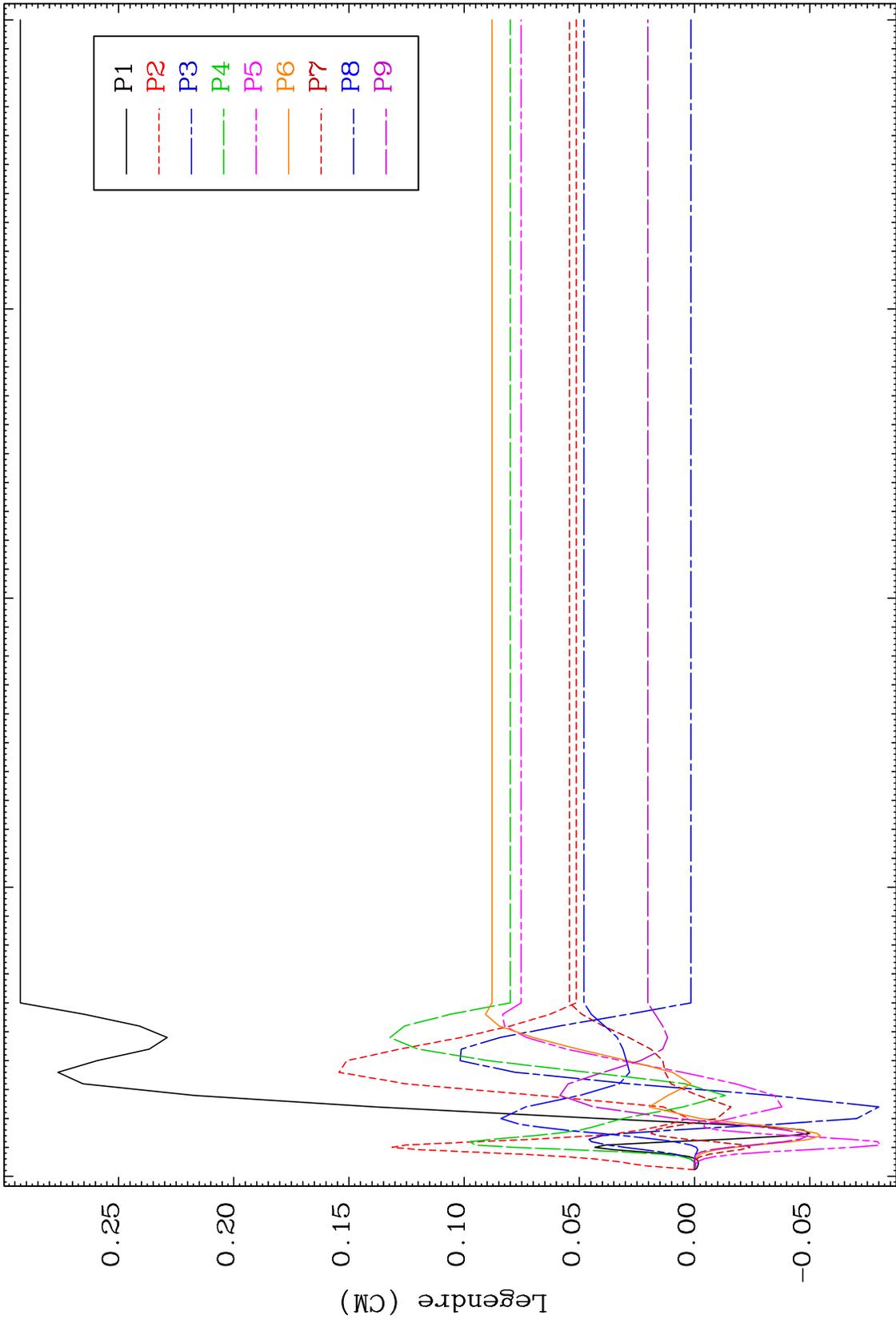
MAT 6501 MT= 70 (n,n') Level Legendre Coefficients 65-Tb-151



MAT 6501

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

65-Tb-151



65-Tb-151

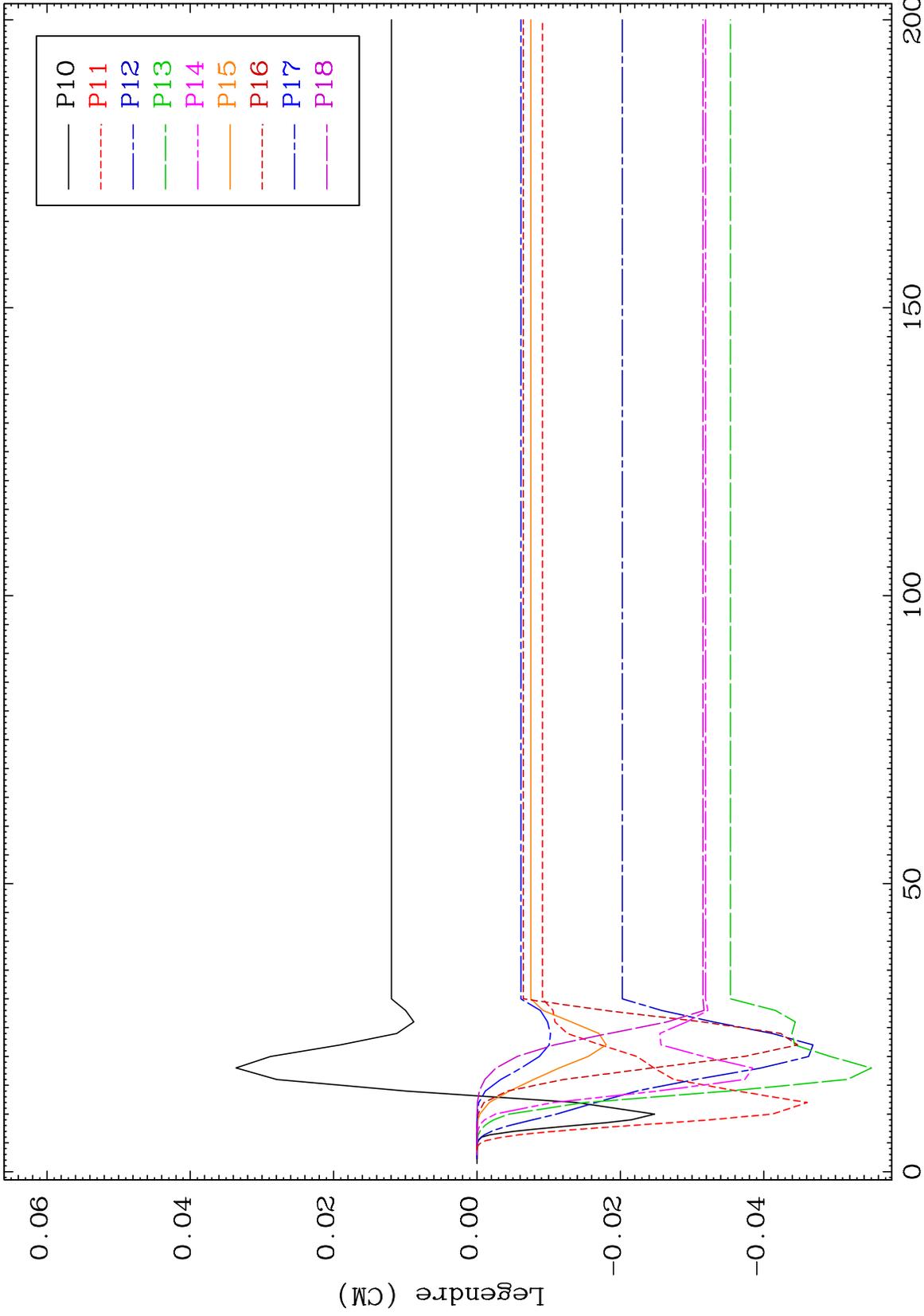
Incident Energy (MeV)

100

MAT 6501

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

65-Tb-151



101

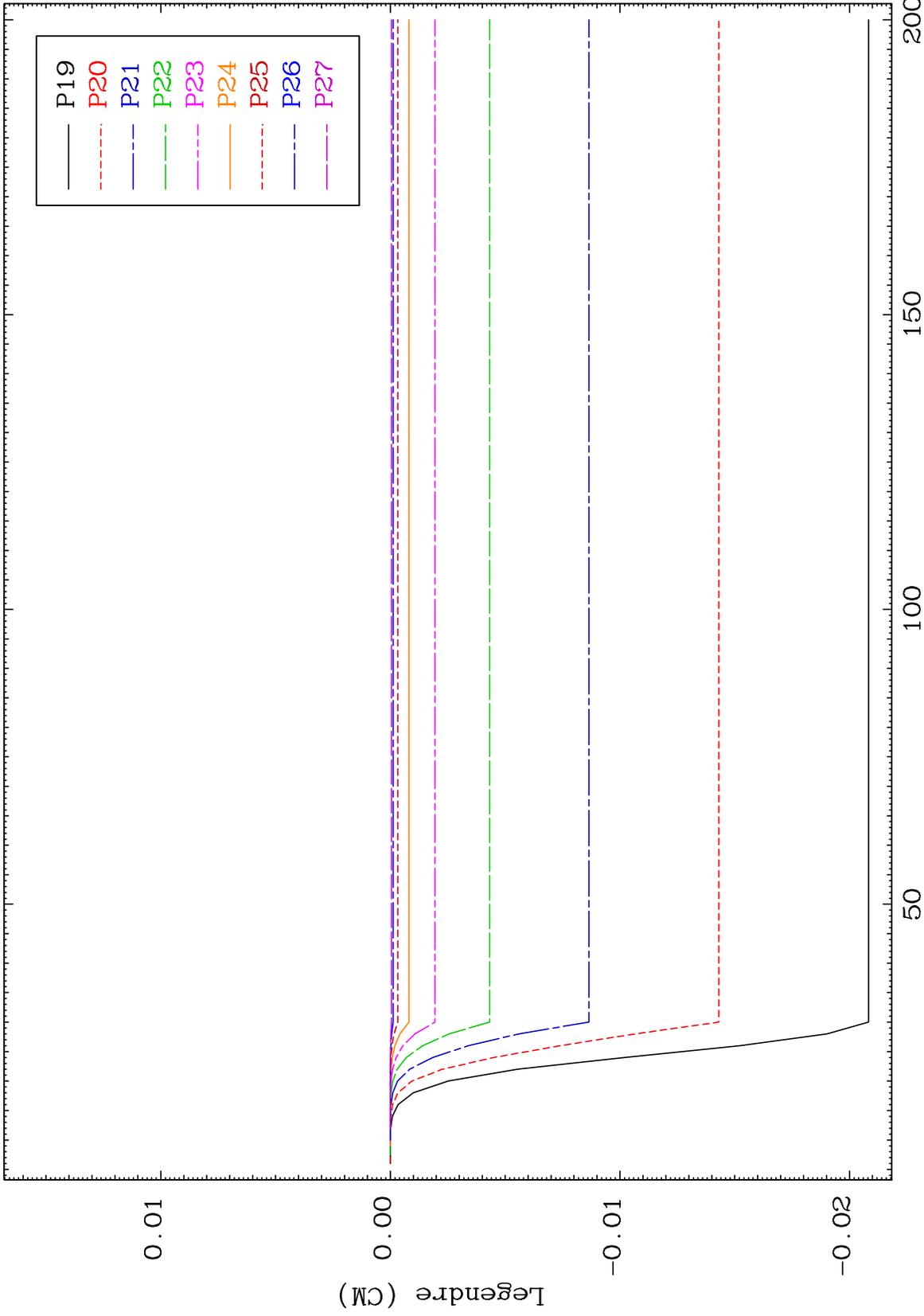
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

65-Tb-151

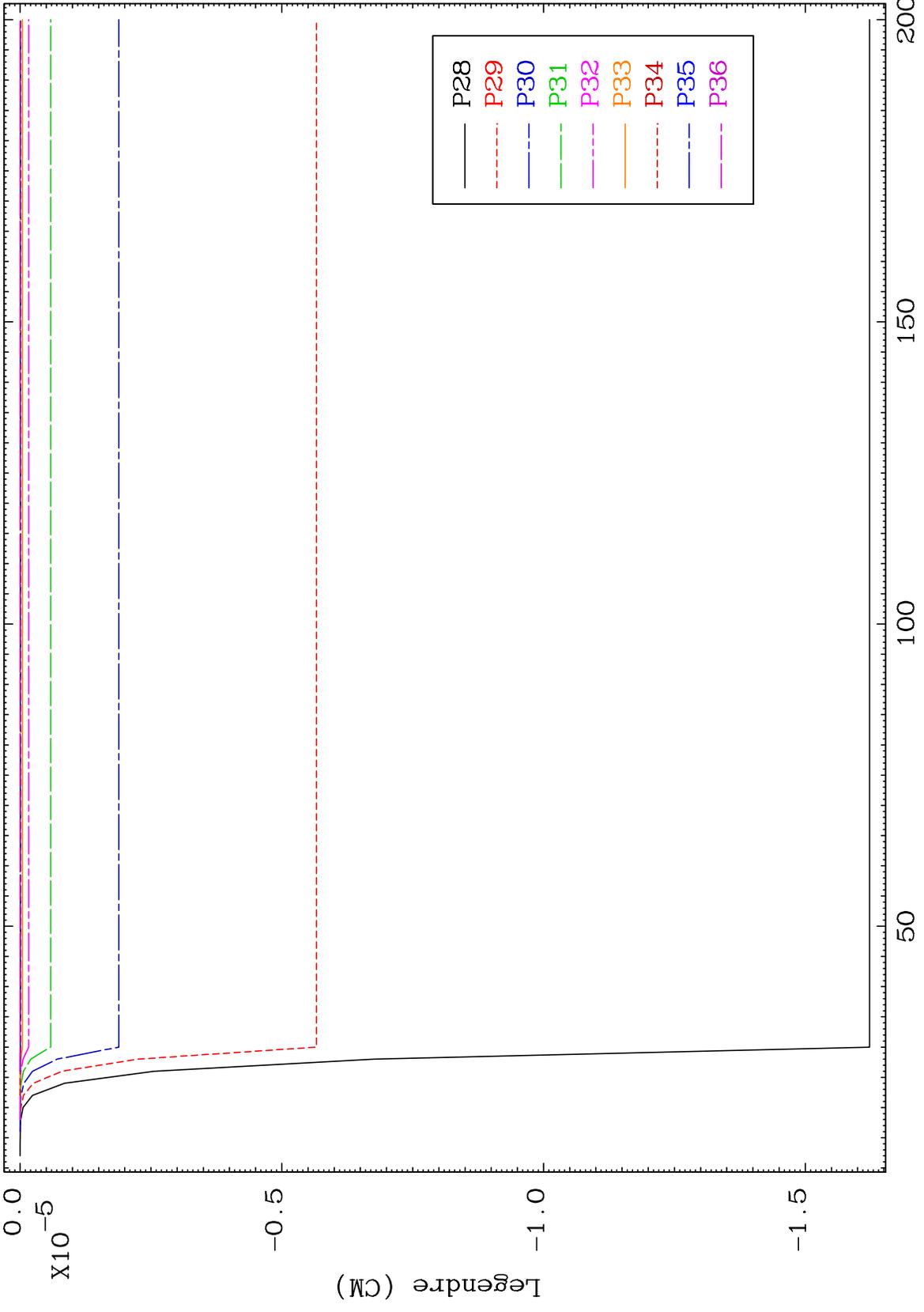


102

Incident Energy (MeV)

65-Tb-151

MAT 6501 MT= 71 (n,n') Level Legendre Coefficients 65-Tb-151

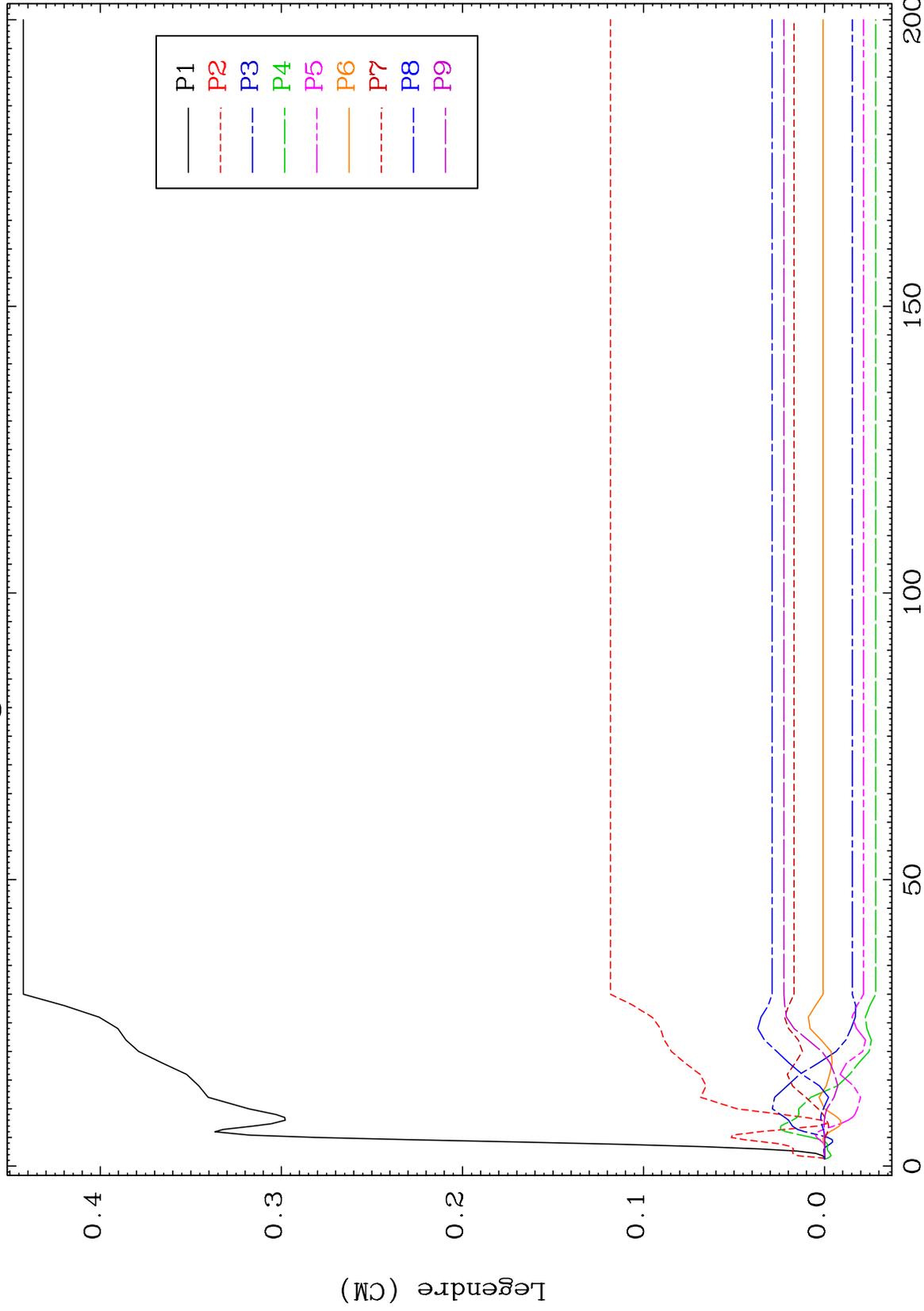


103 65-Tb-151

MAT 6501

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

65-Tb-151



104

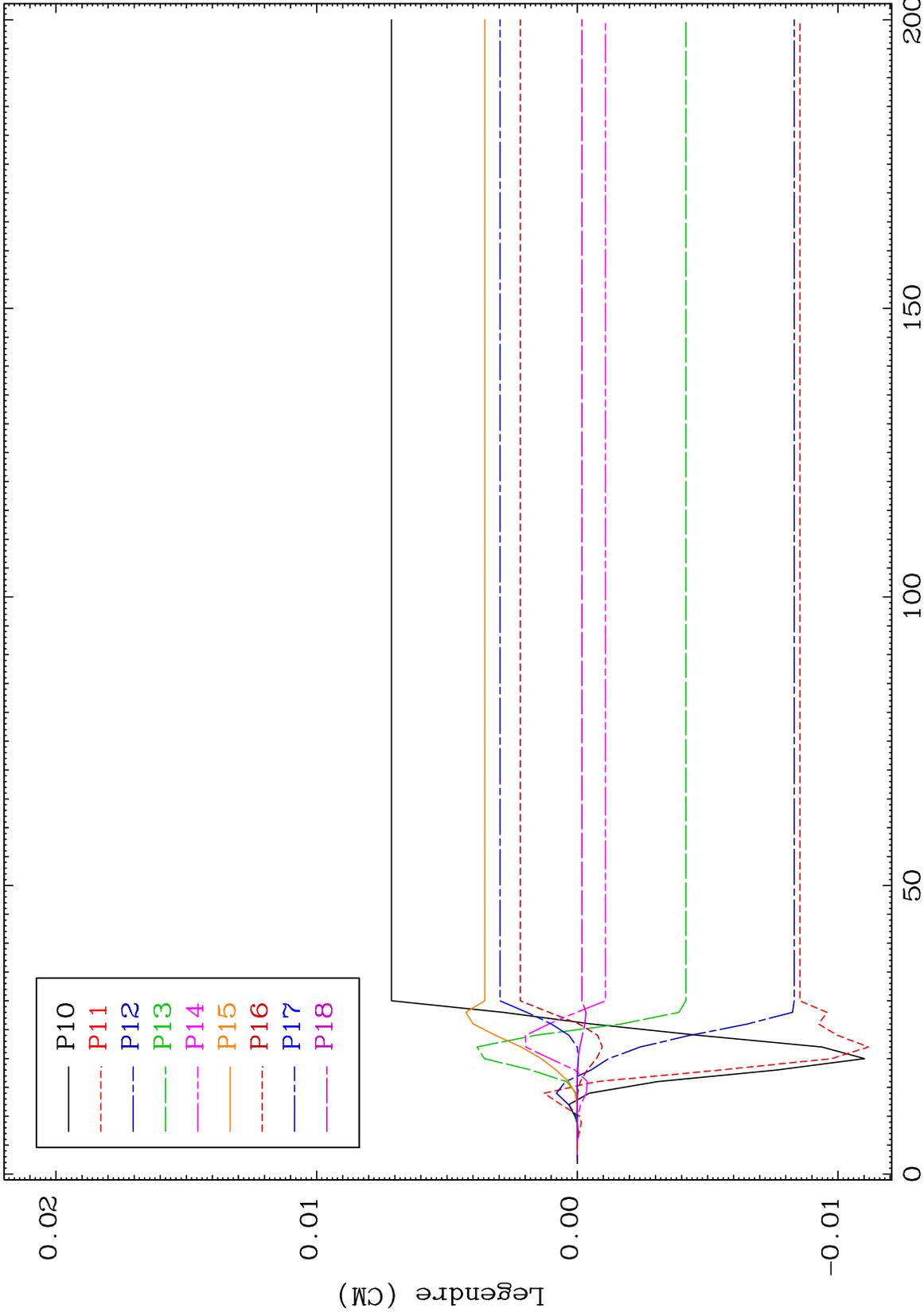
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

65-Tb-151

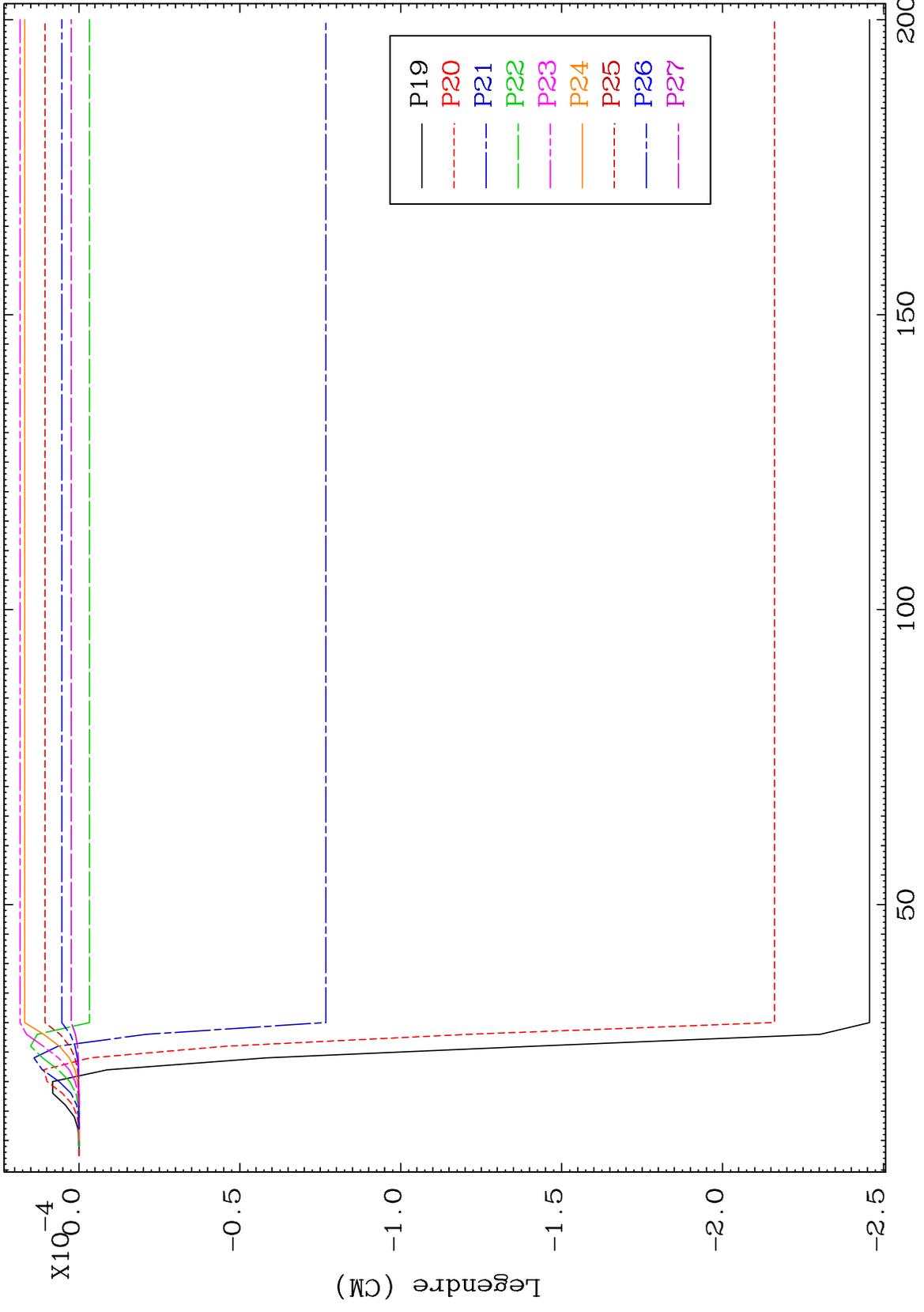


65-Tb-151

Incident Energy (MeV)

105

MAT 6501 MT= 72 (n,n') Level Legendre Coefficients 65-Tb-151

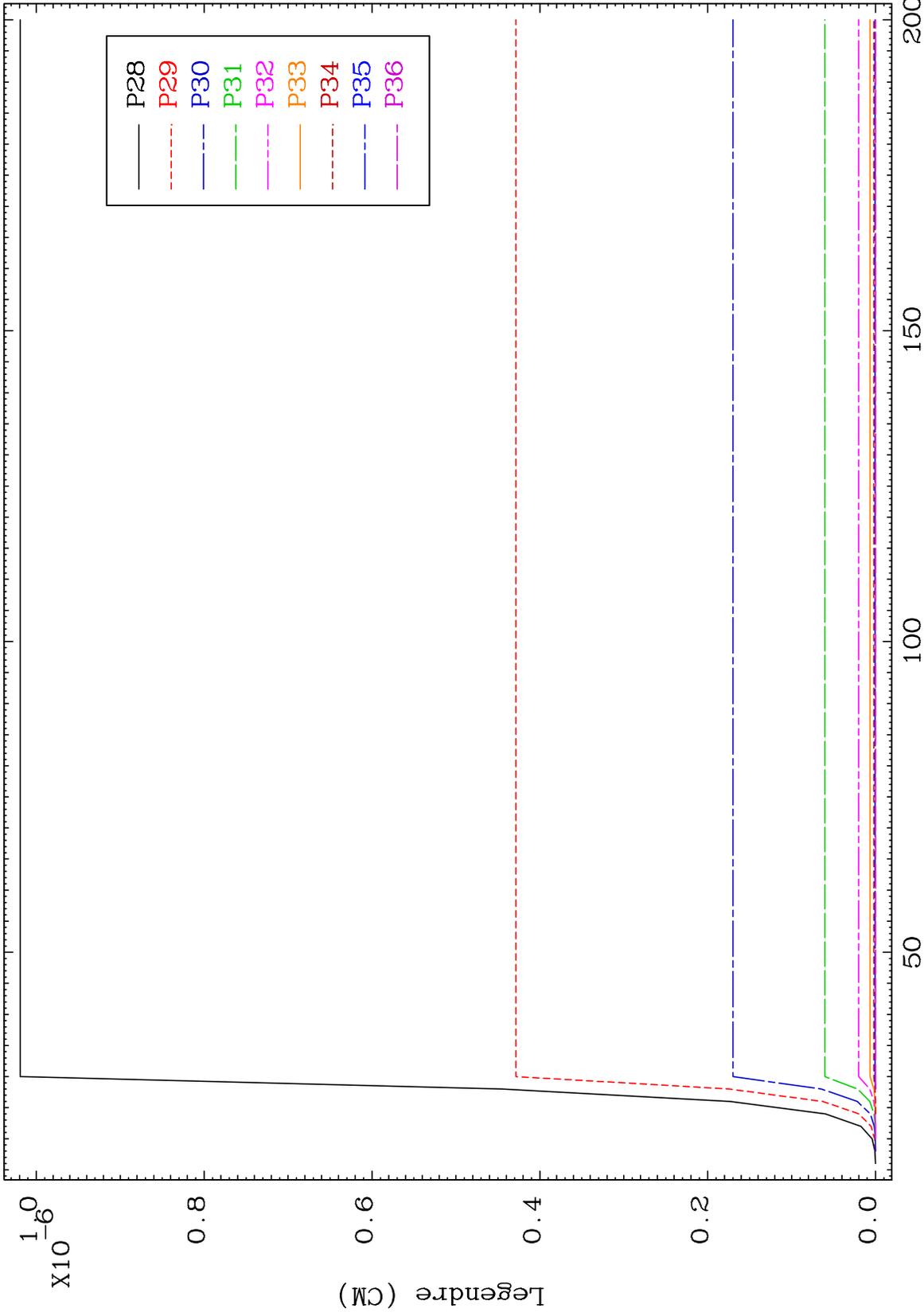


106 65-Tb-151

MAT 6501

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

65-Tb-151

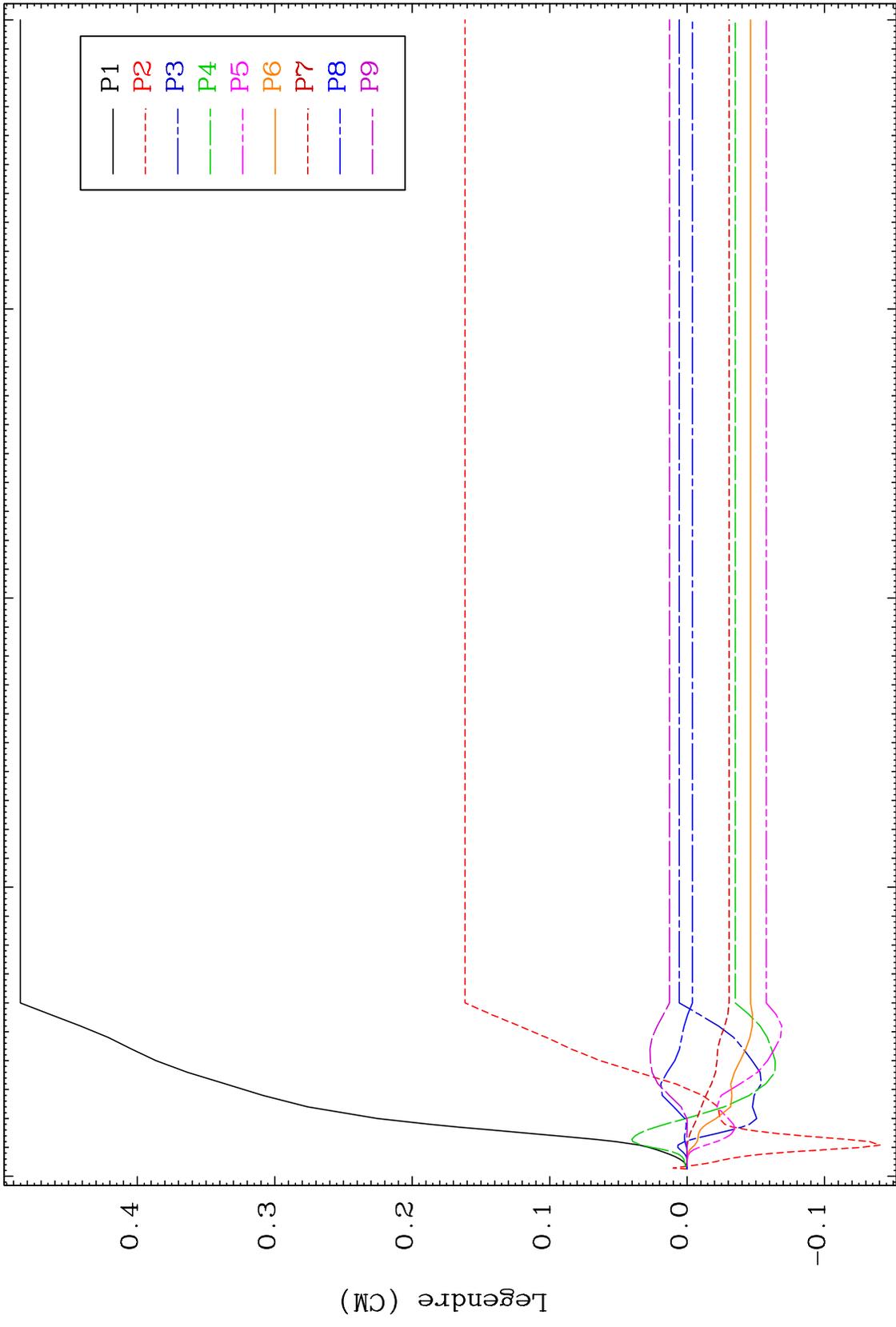


107

Incident Energy (MeV)

65-Tb-151

MAT 6501 MT= 73 (n,n') Level Legendre Coefficients 65-Tb-151

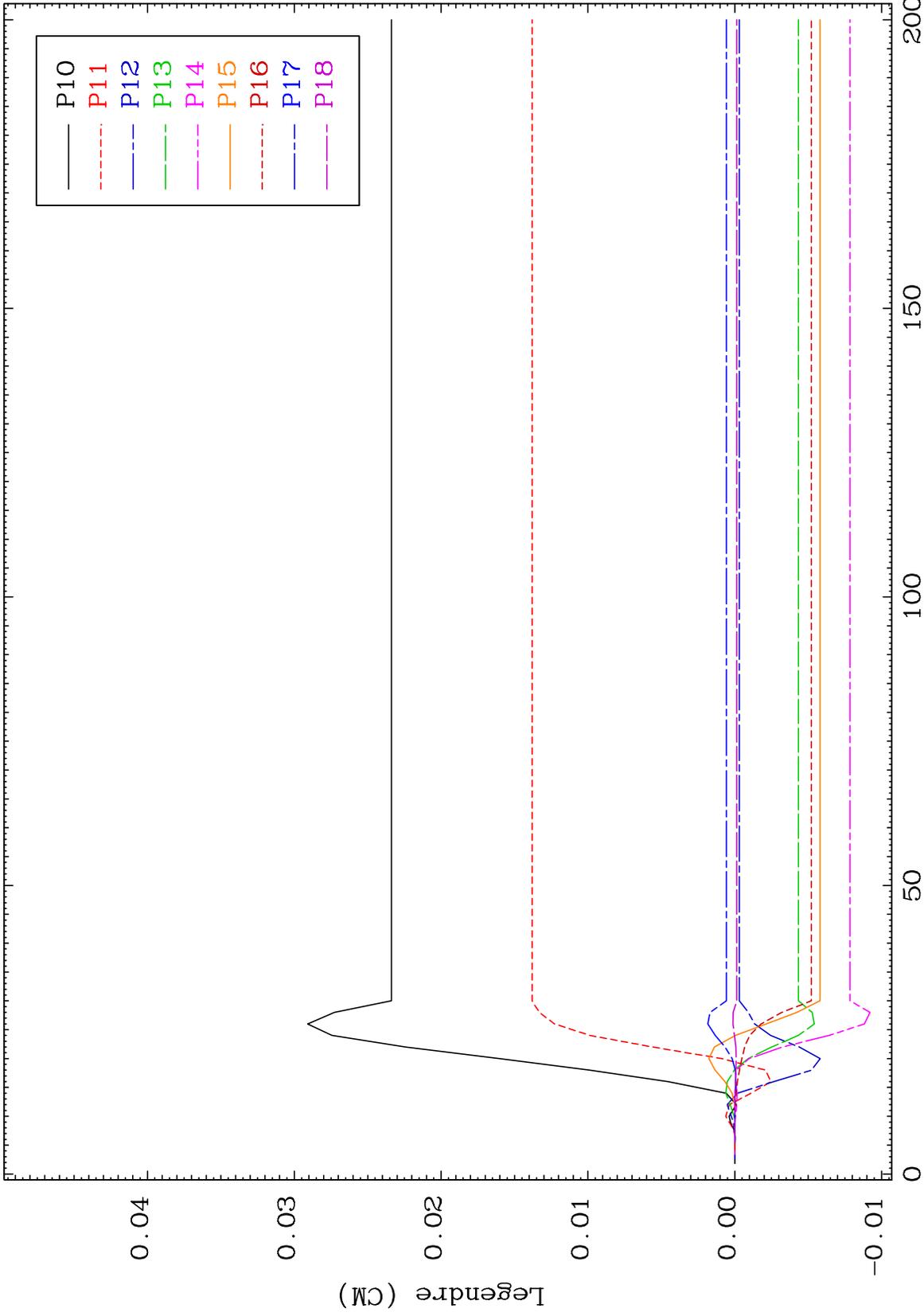


108 65-Tb-151

MAT 6501

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

65-Tb-151



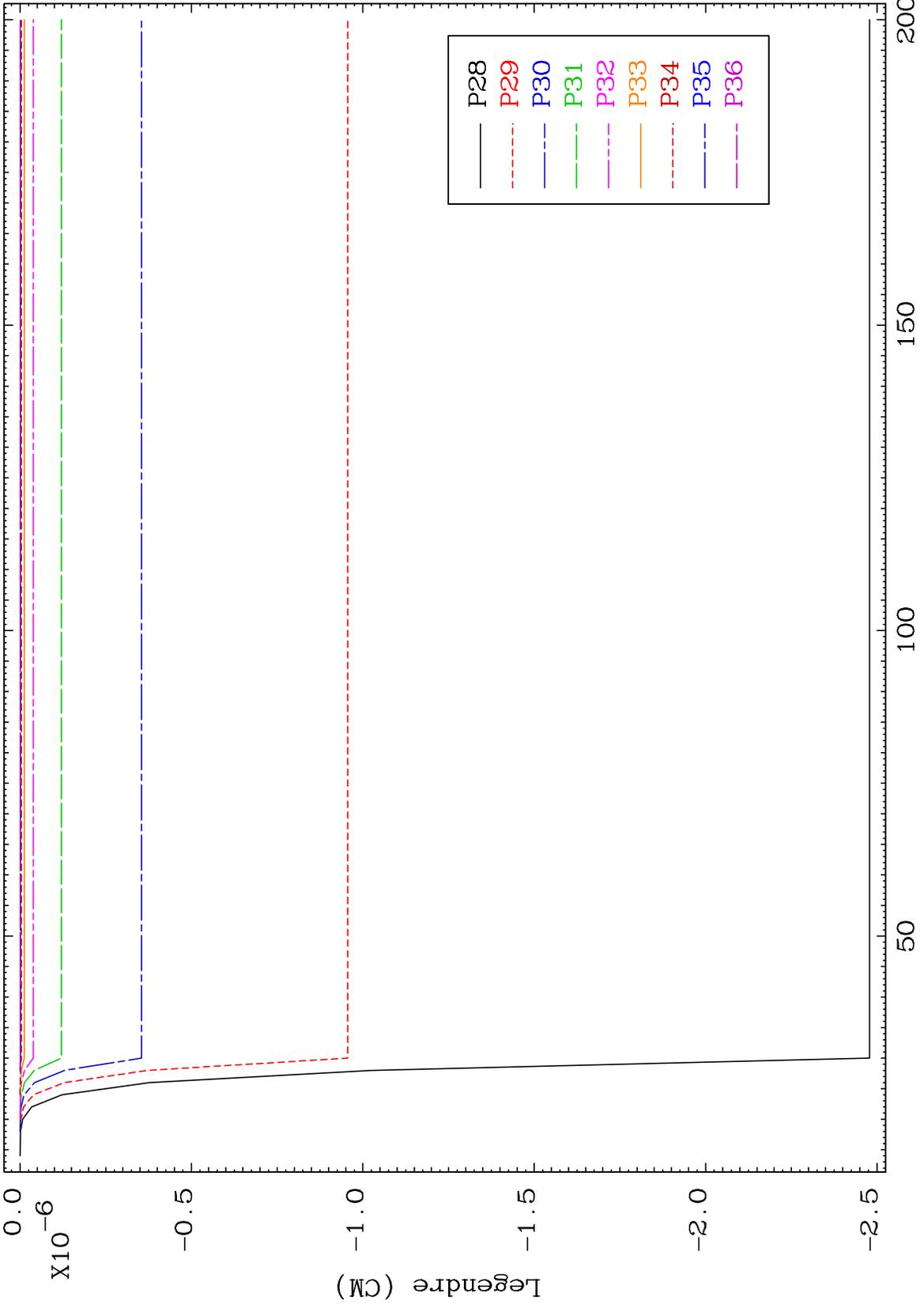
109

Incident Energy (MeV)

65-Tb-151

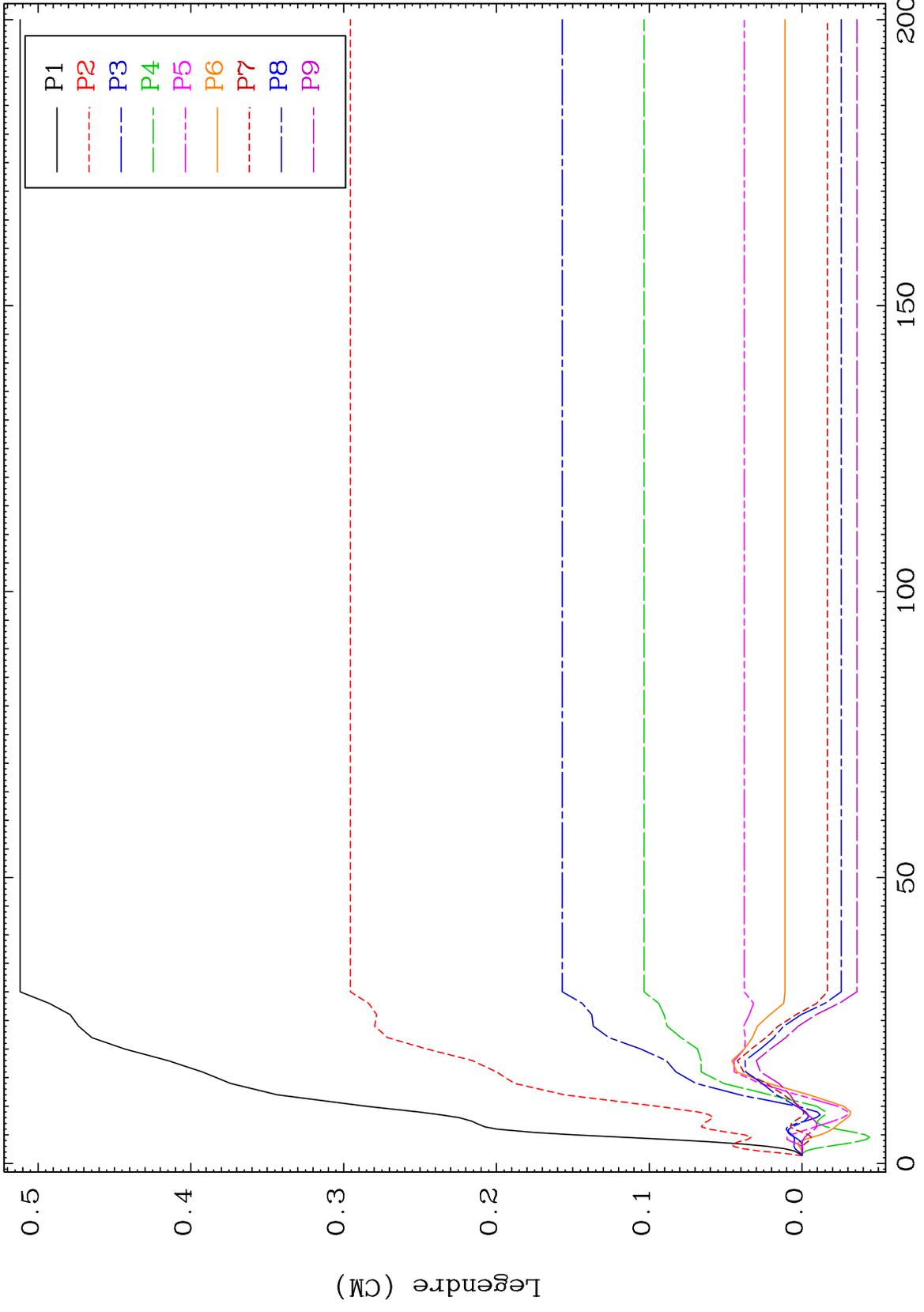


MAT 6501 MT= 73 (n,n') Level Legendre Coefficients 65-Tb-151



111 65-Tb-151

MAT 6501 MT= 74 (n,n') Level Legendre Coefficients 65-Tb-151

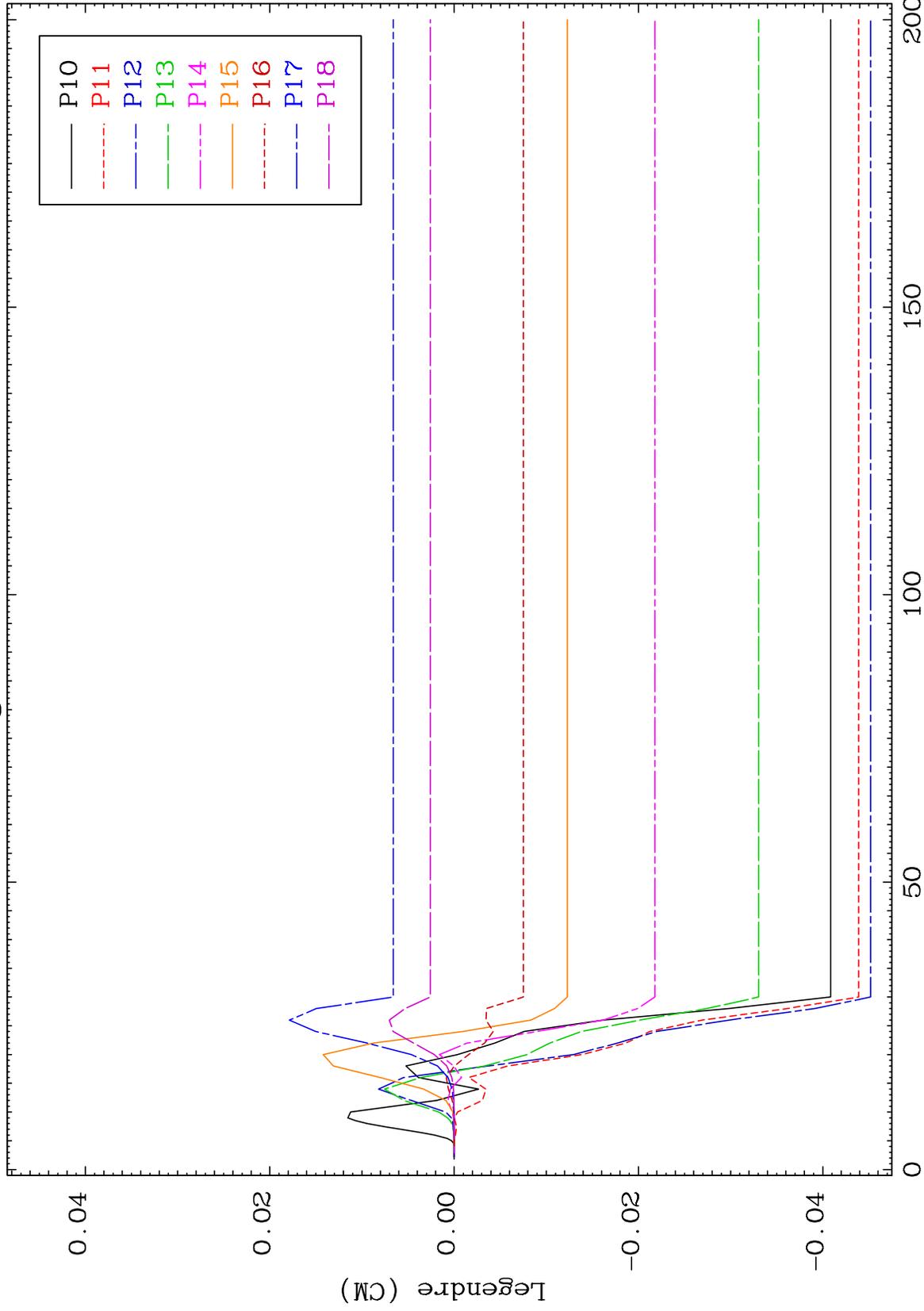


112 65-Tb-151

MAT 6501

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

65-Tb-151



113

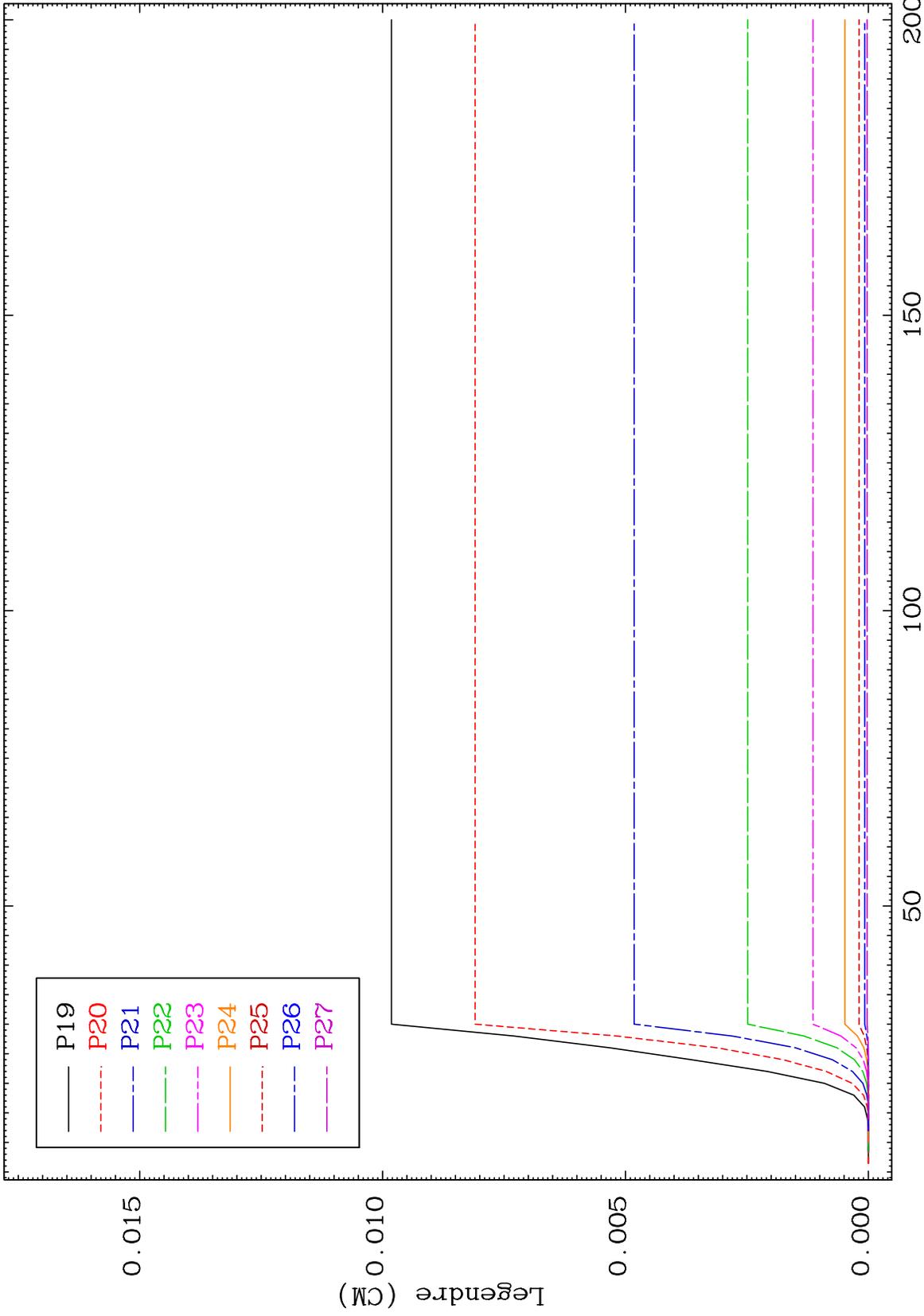
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

65-Tb-151



114

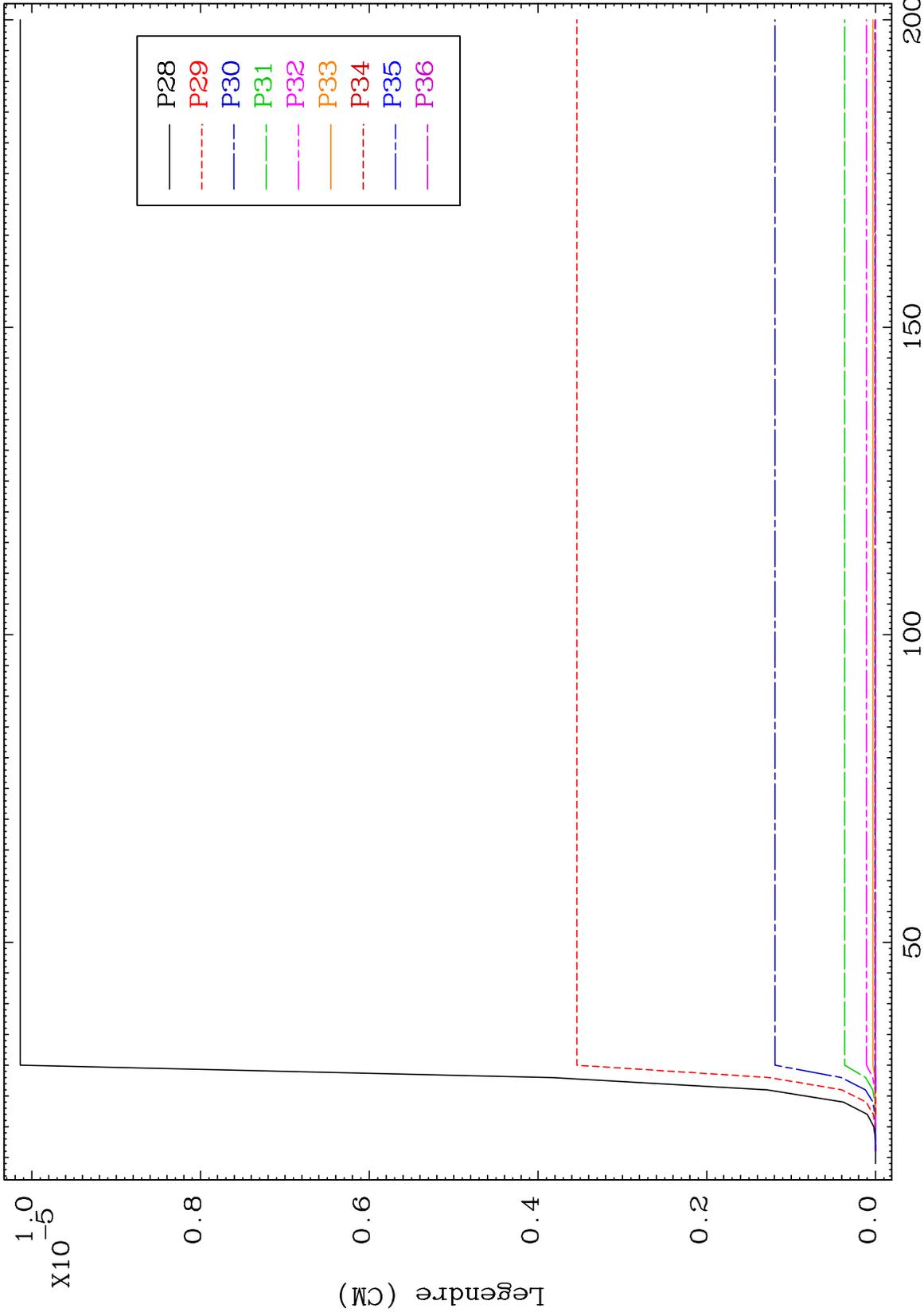
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

65-Tb-151



115

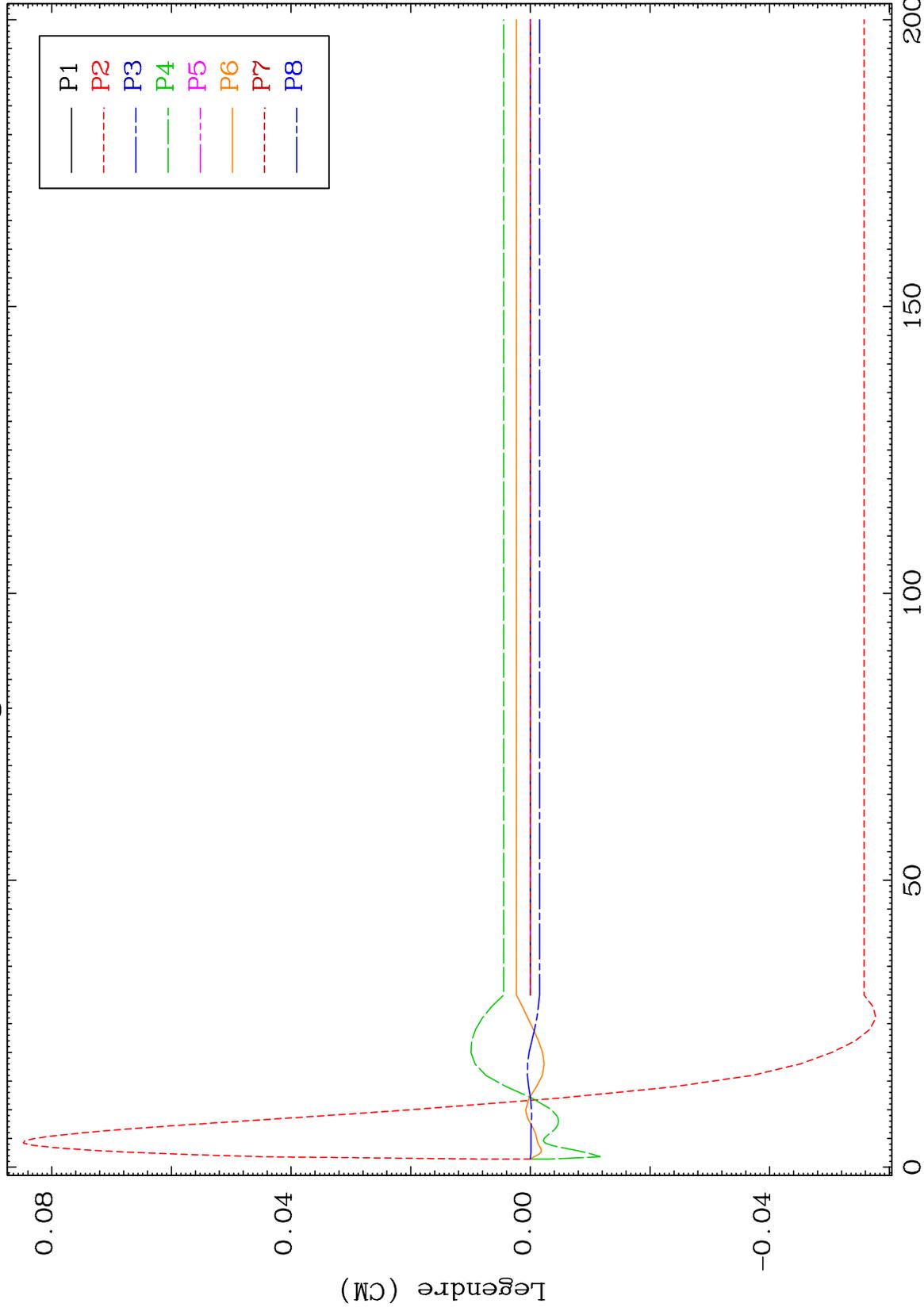
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

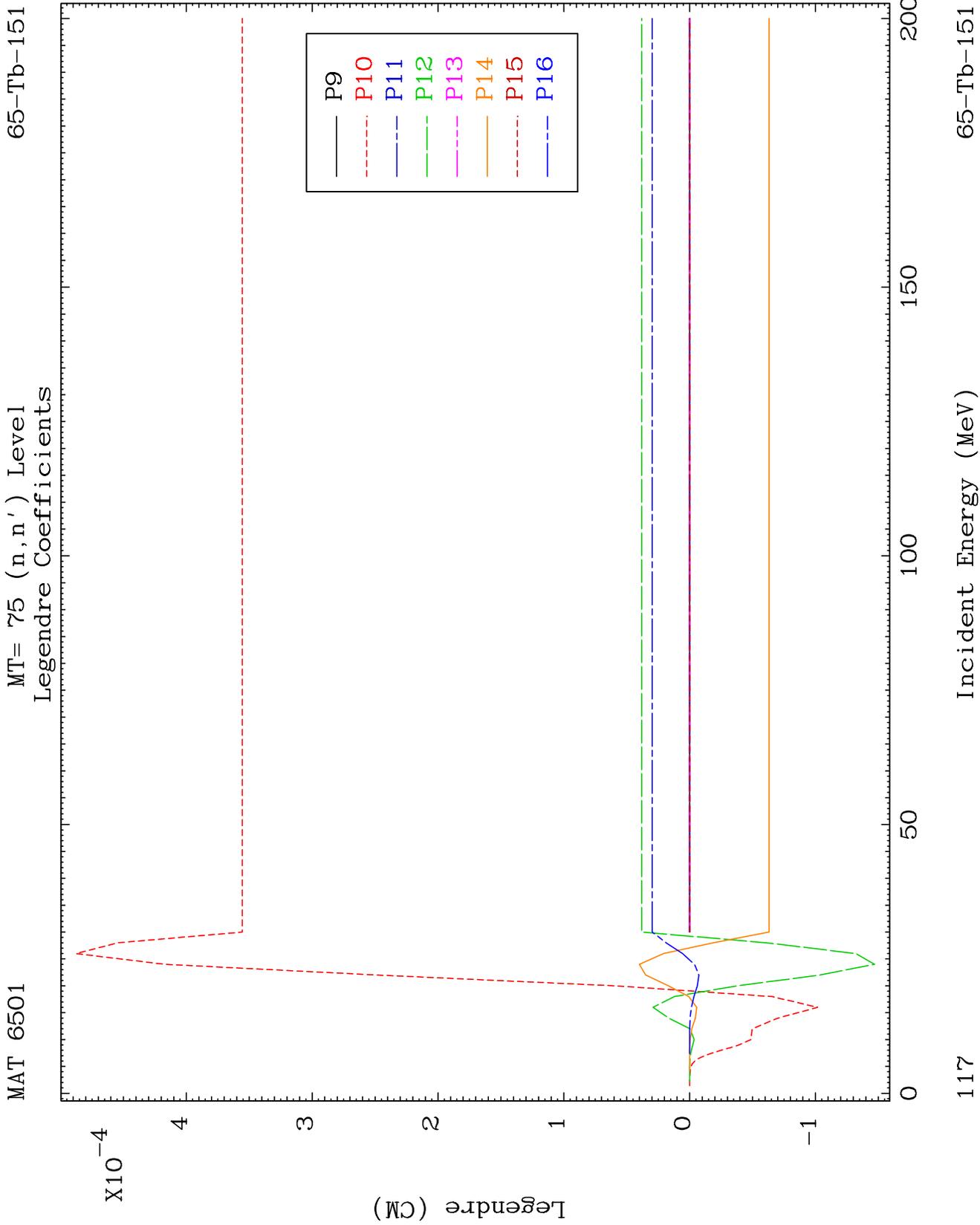
65-Tb-151



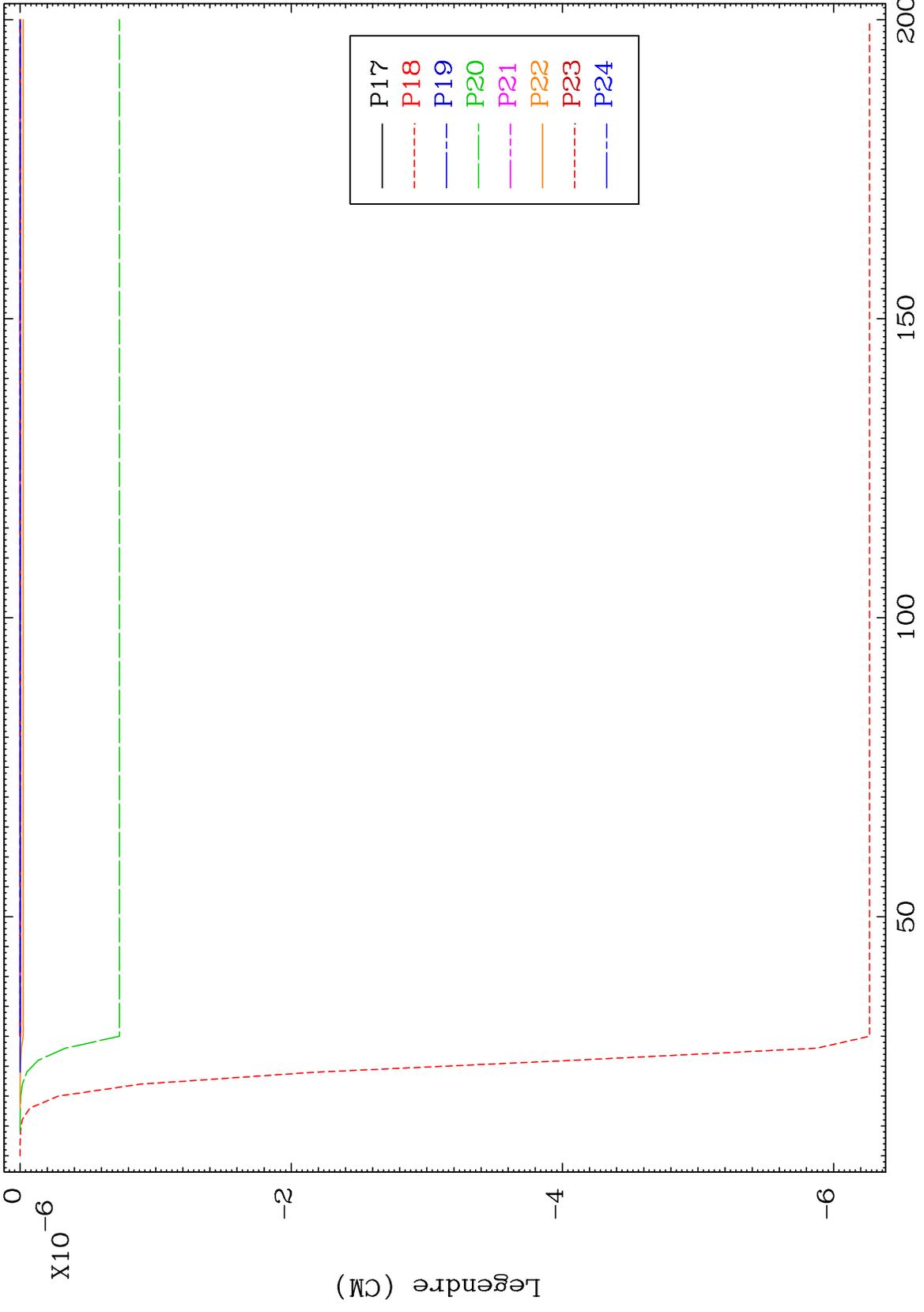
116

Incident Energy (MeV)

65-Tb-151

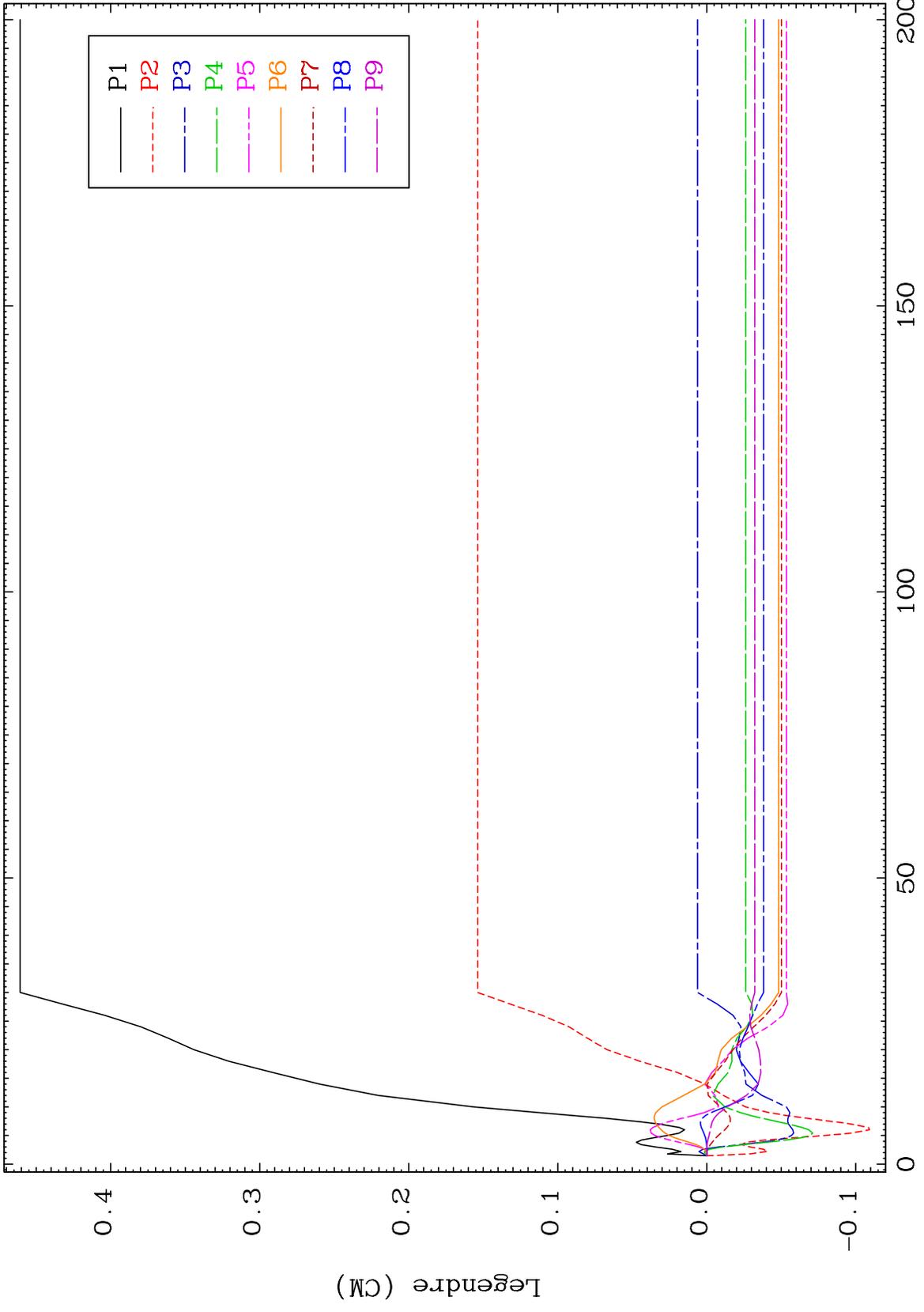


MAT 6501 MT= 75 (n,n') Level Legendre Coefficients 65-Tb-151

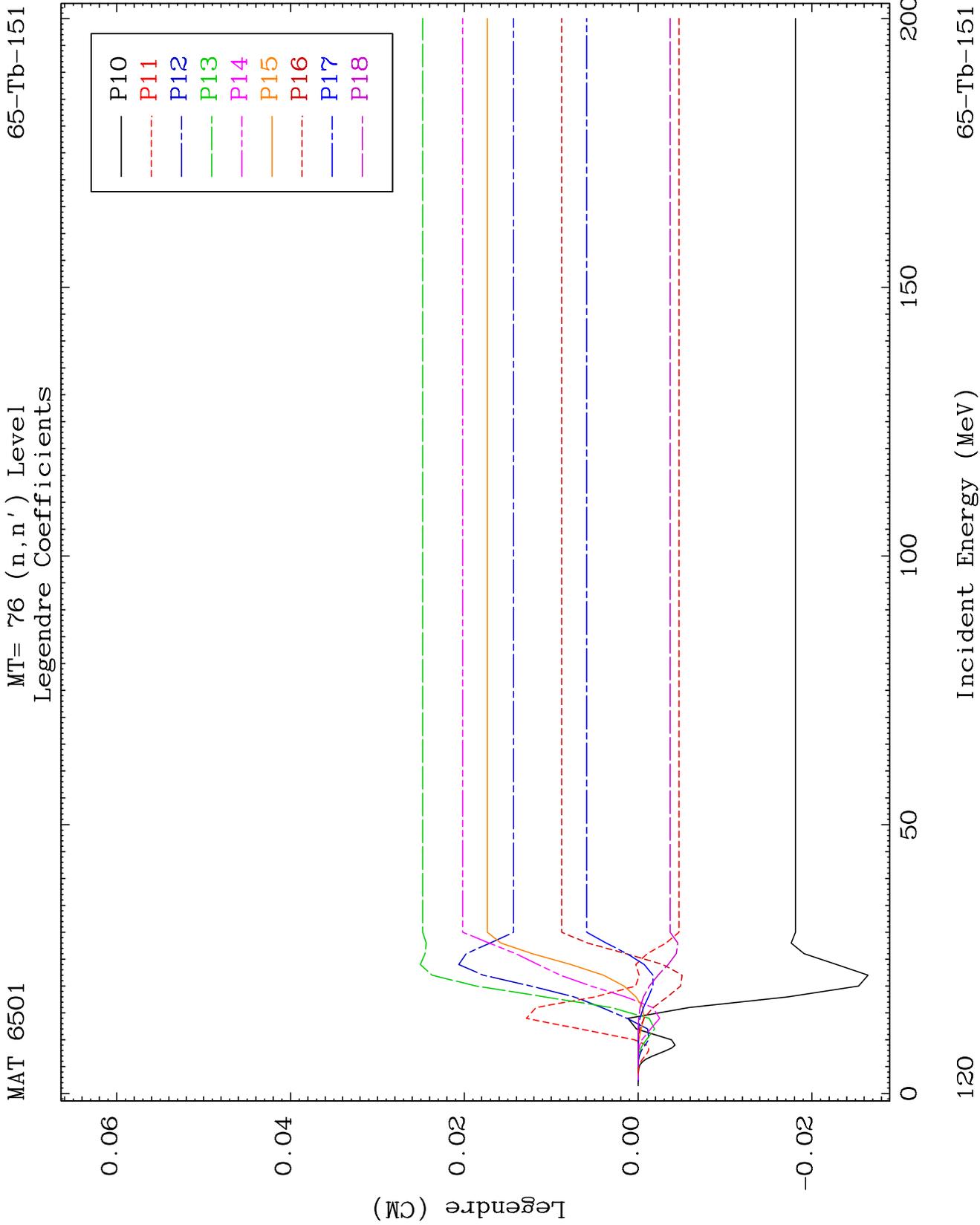


118 65-Tb-151

MAT 6501 MT= 76 (n,n') Level Legendre Coefficients 65-Tb-151



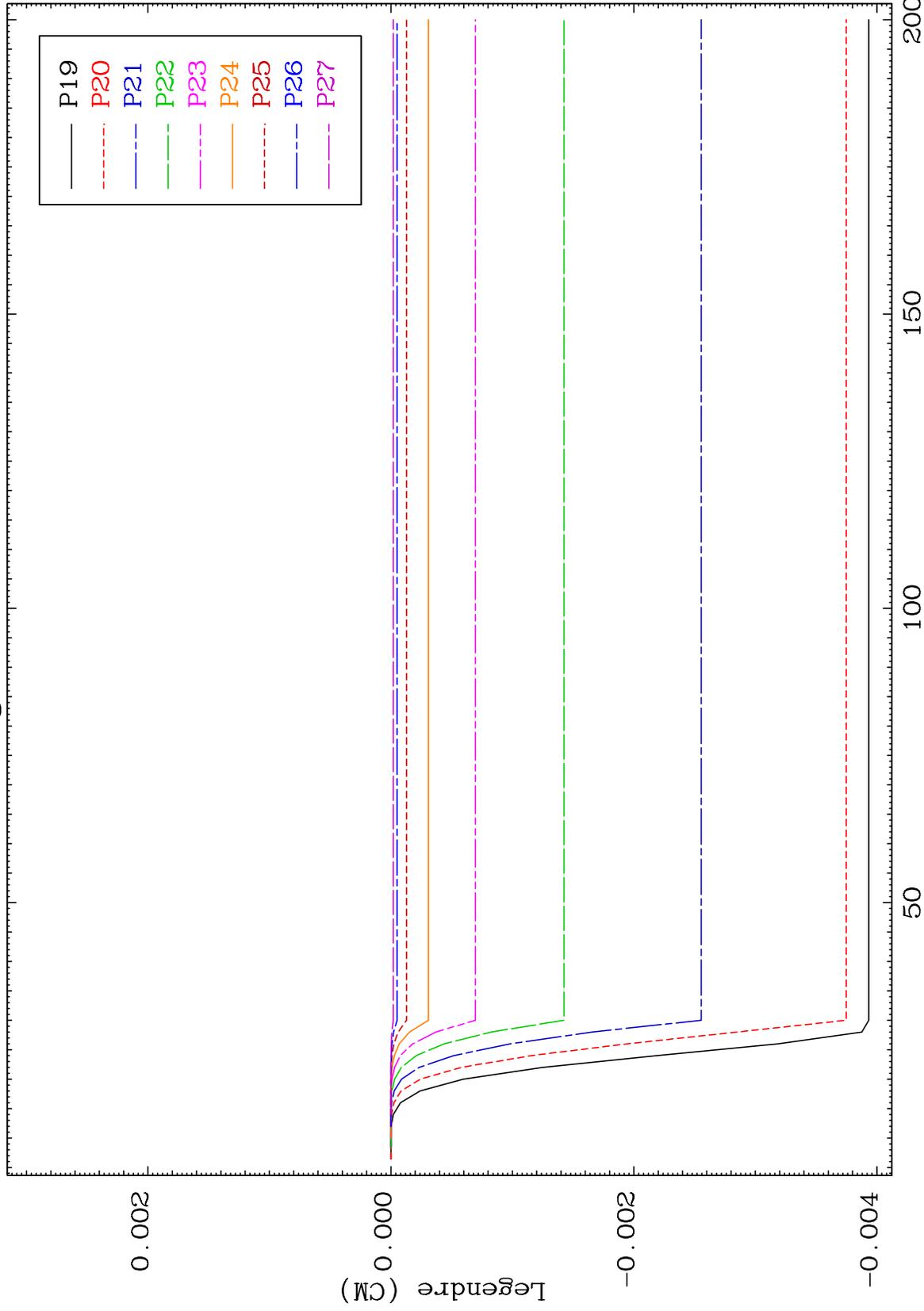
119 65-Tb-151



MAT 6501

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

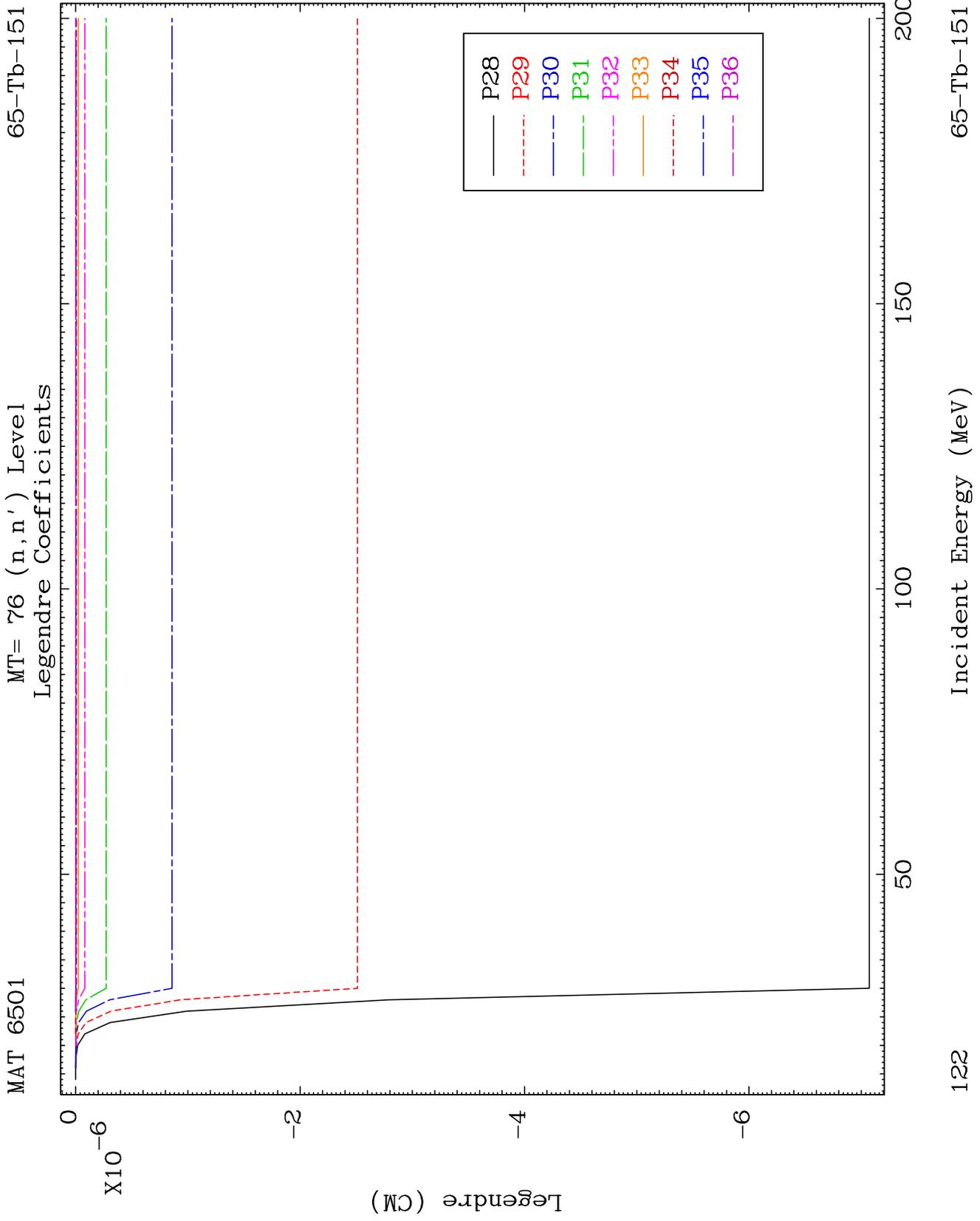
65-Tb-151



121

Incident Energy (MeV)

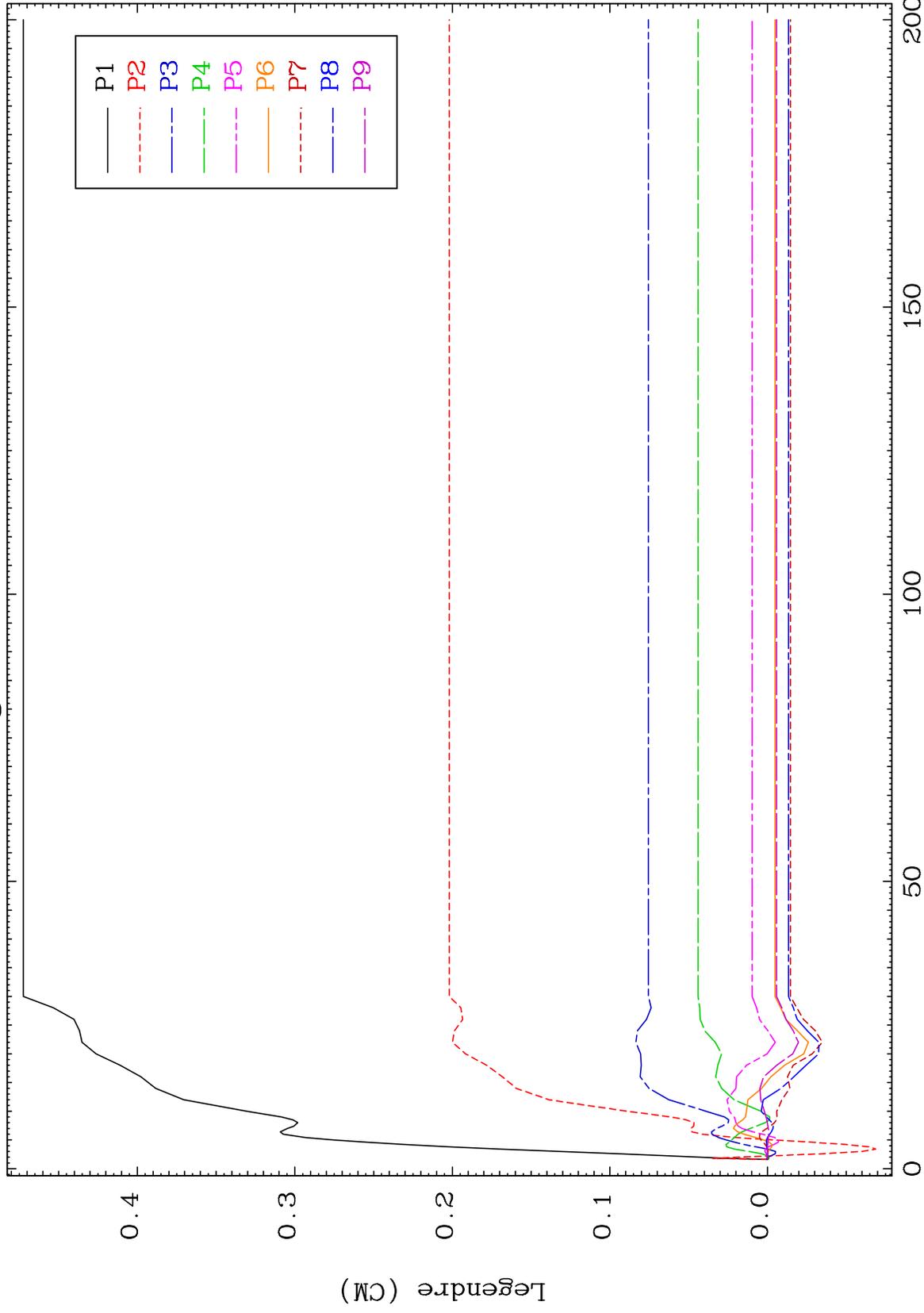
65-Tb-151



MAT 6501

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

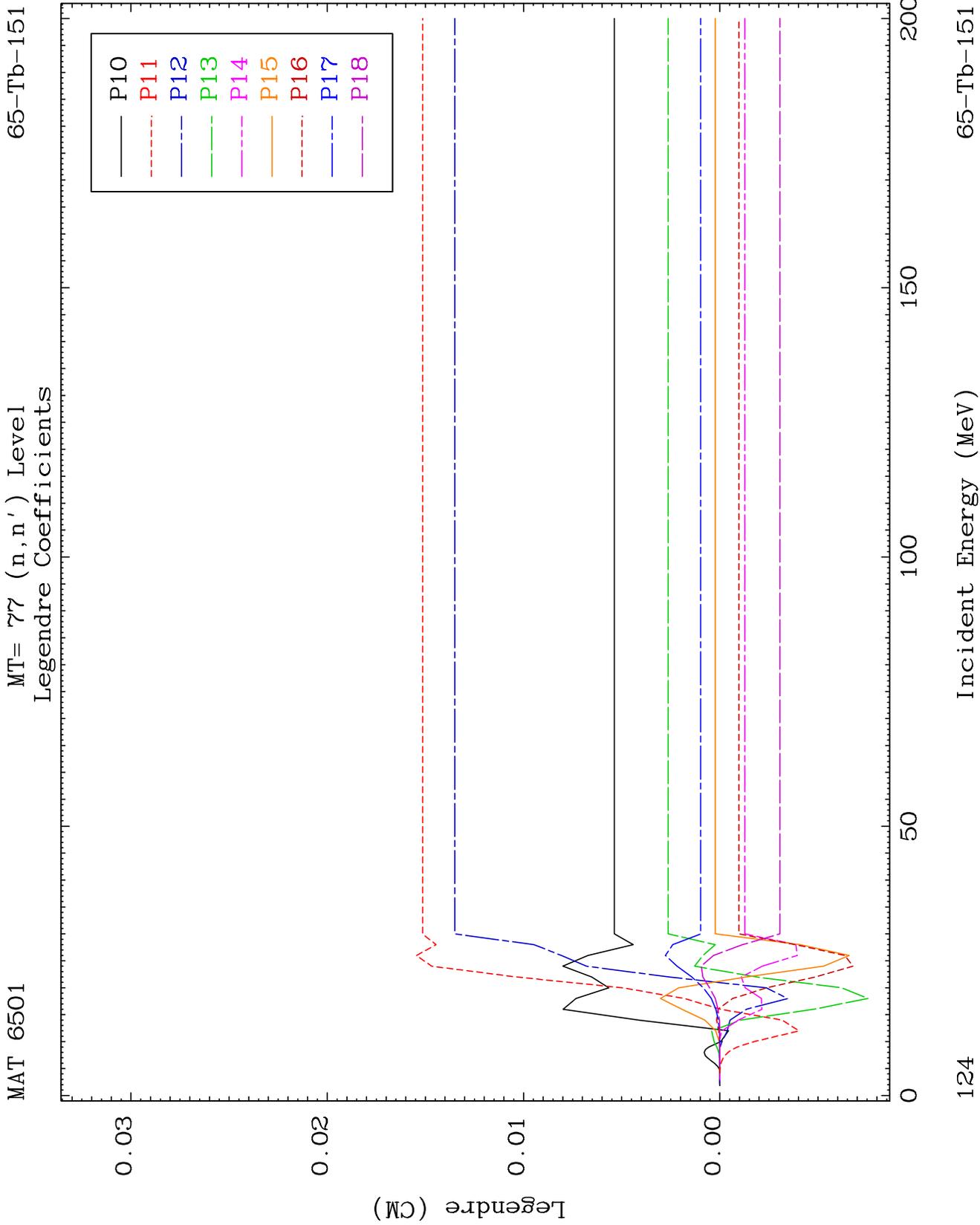
65-Tb-151



123

Incident Energy (MeV)

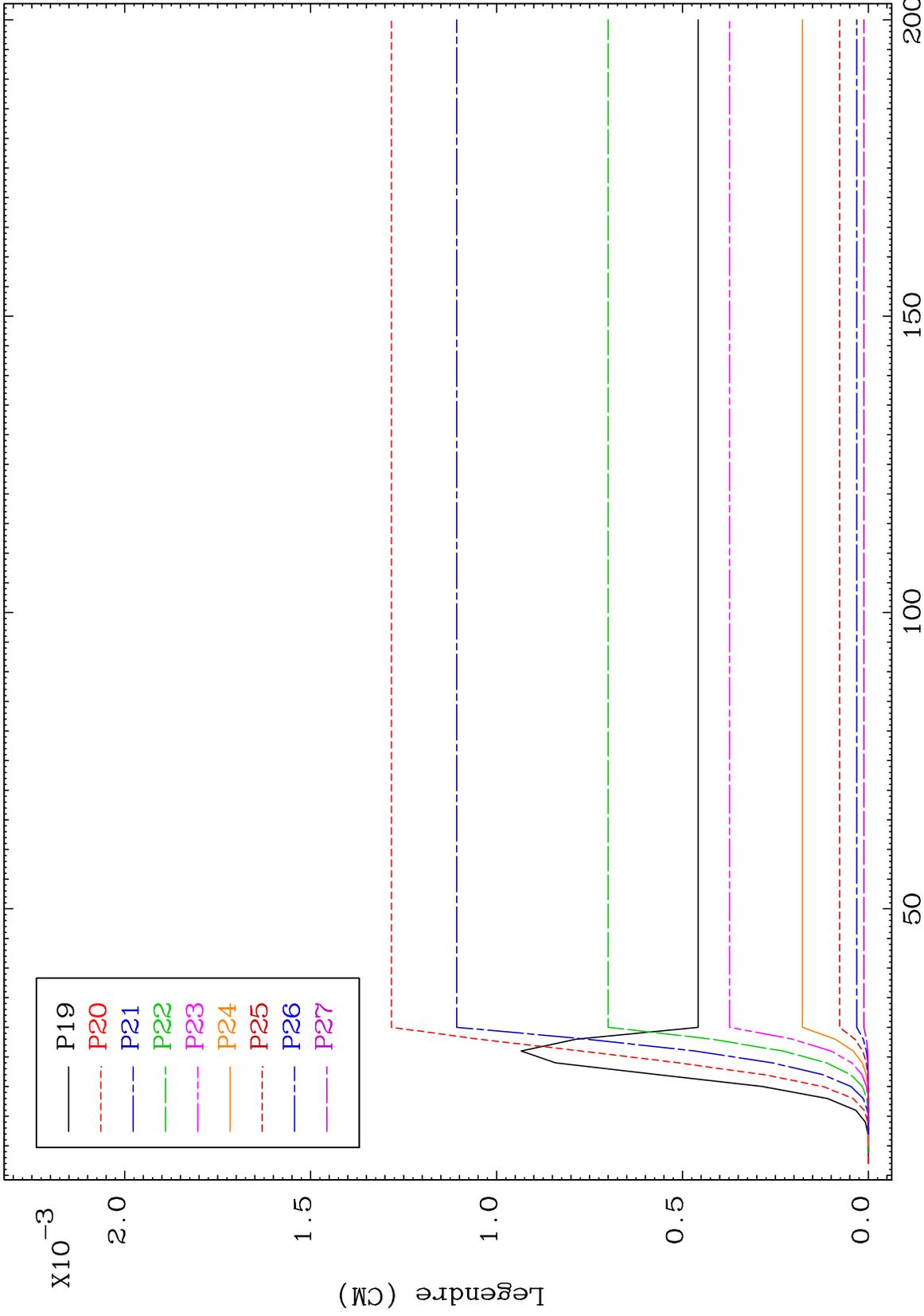
65-Tb-151



MAT 6501

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

65-Tb-151



125

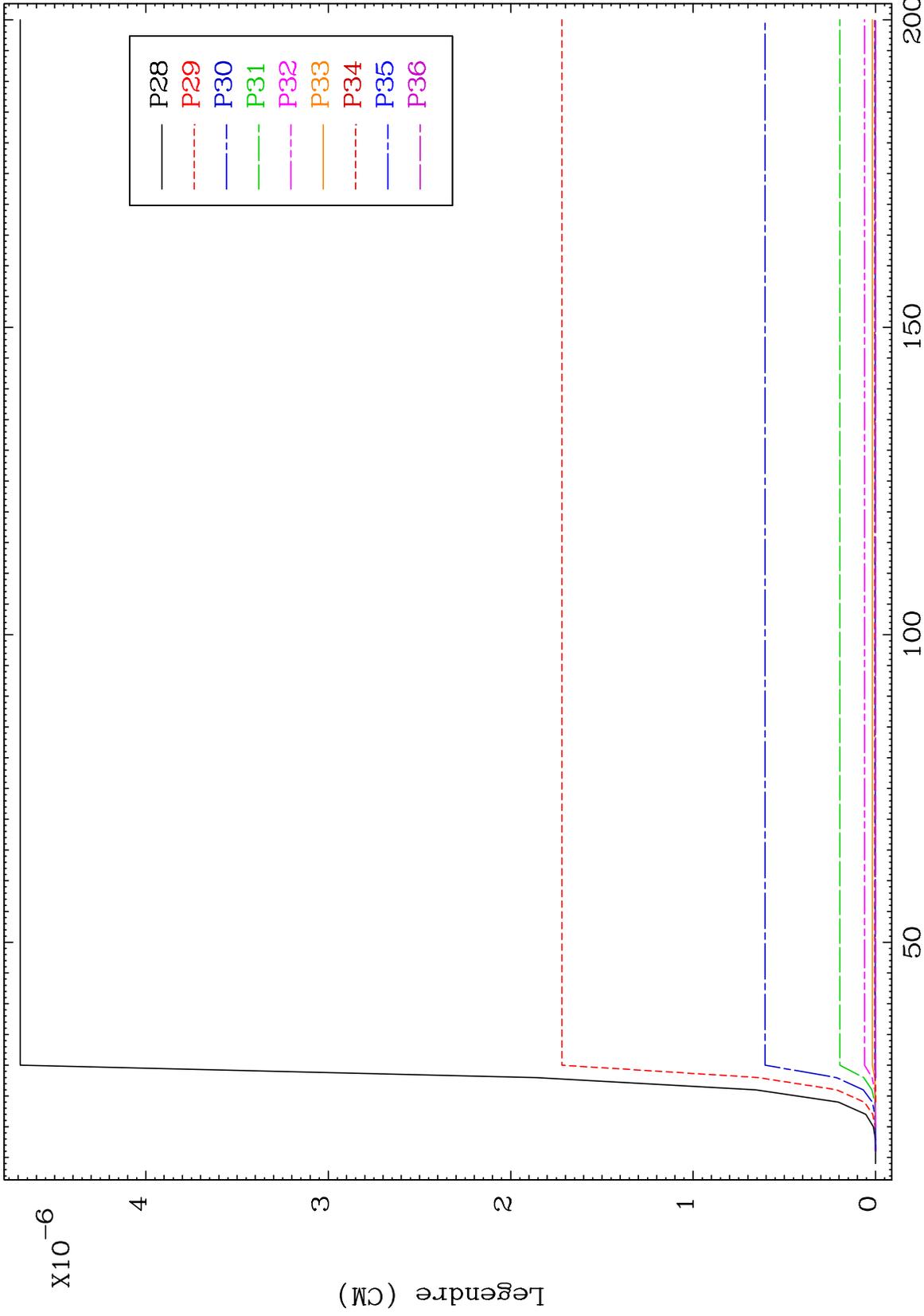
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

65-Tb-151

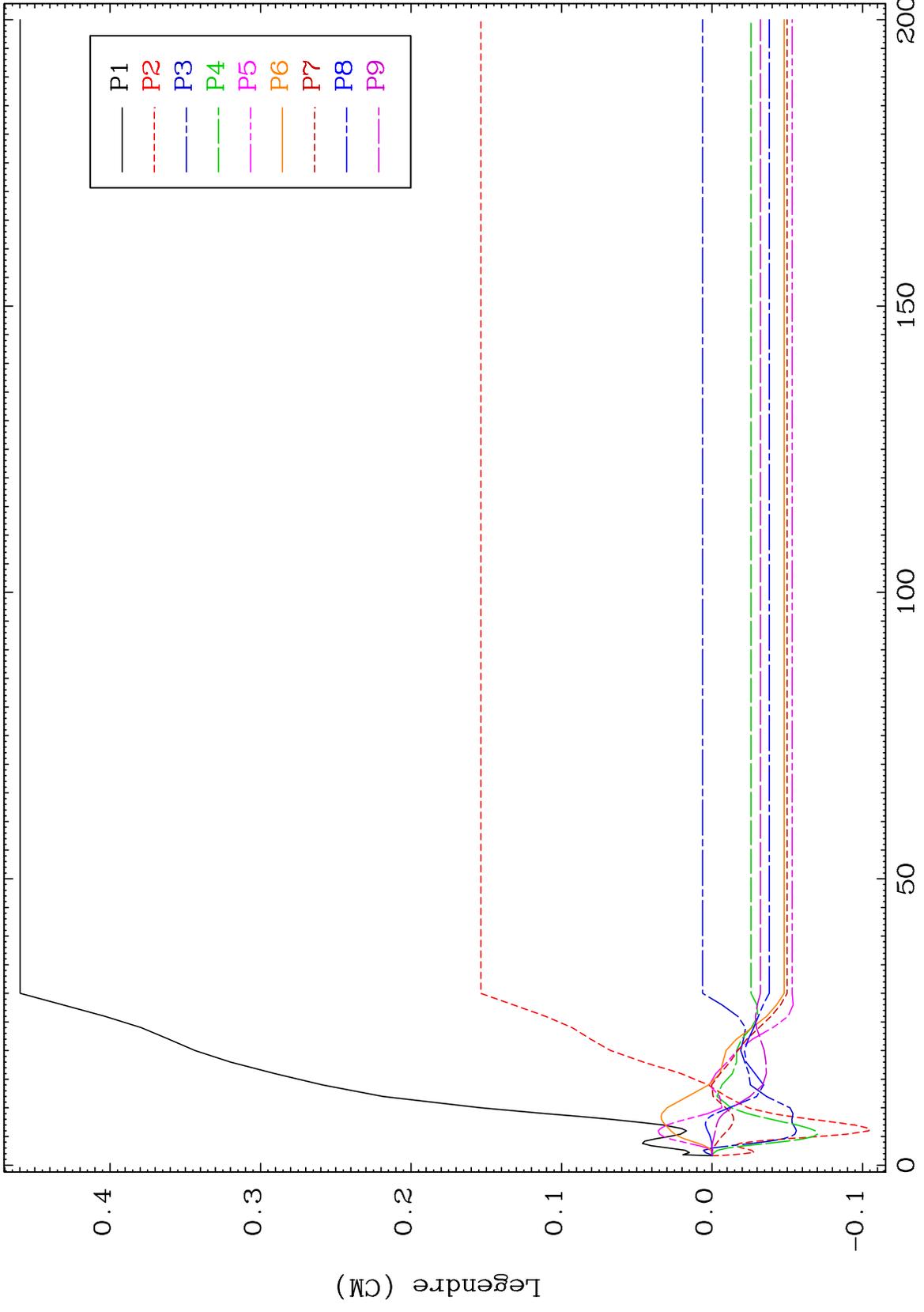


126

Incident Energy (MeV)

65-Tb-151

MAT 6501 MT= 78 (n,n') Level Legendre Coefficients 65-Tb-151

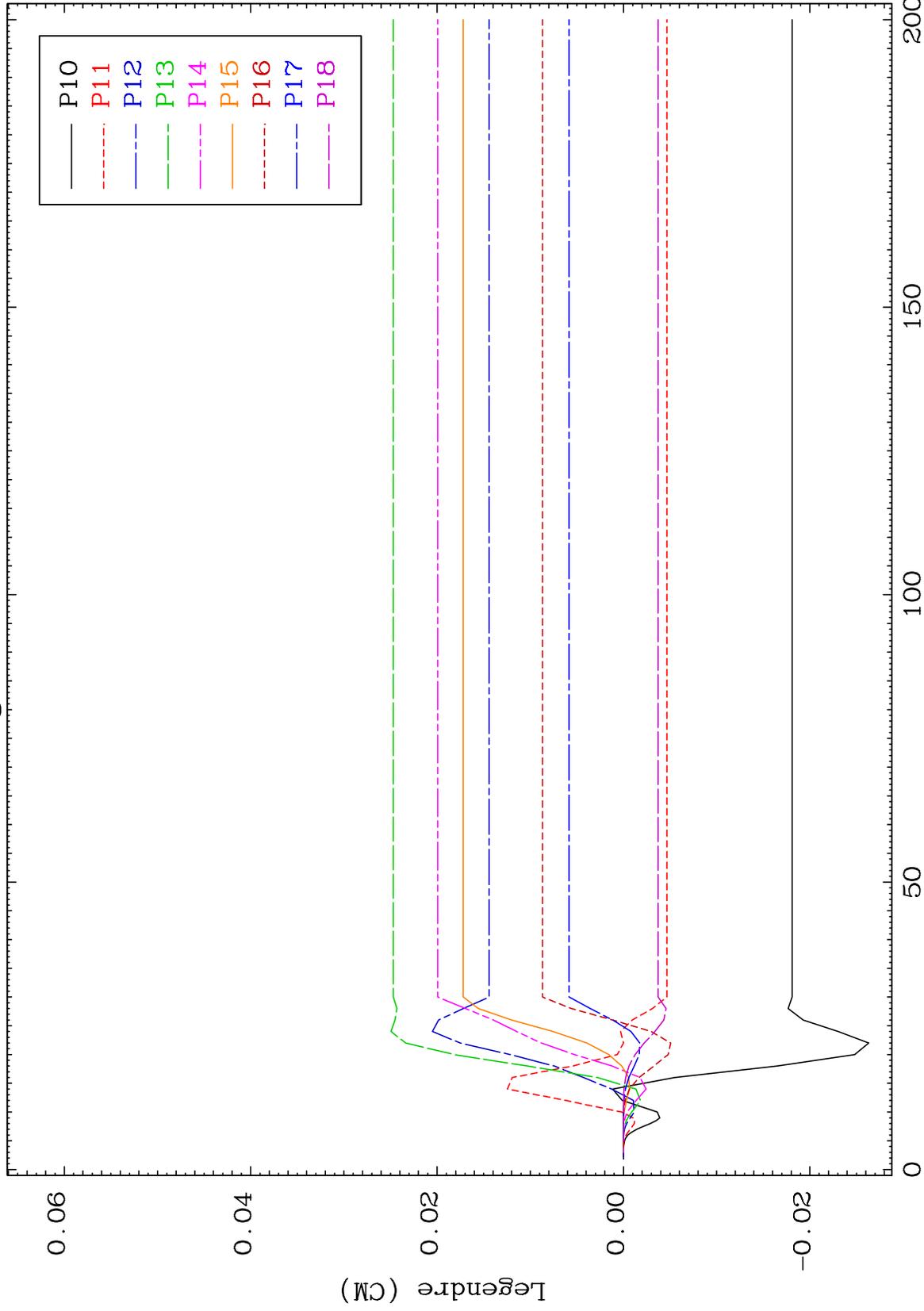


127 65-Tb-151

MAT 6501

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

65-Tb-151



128

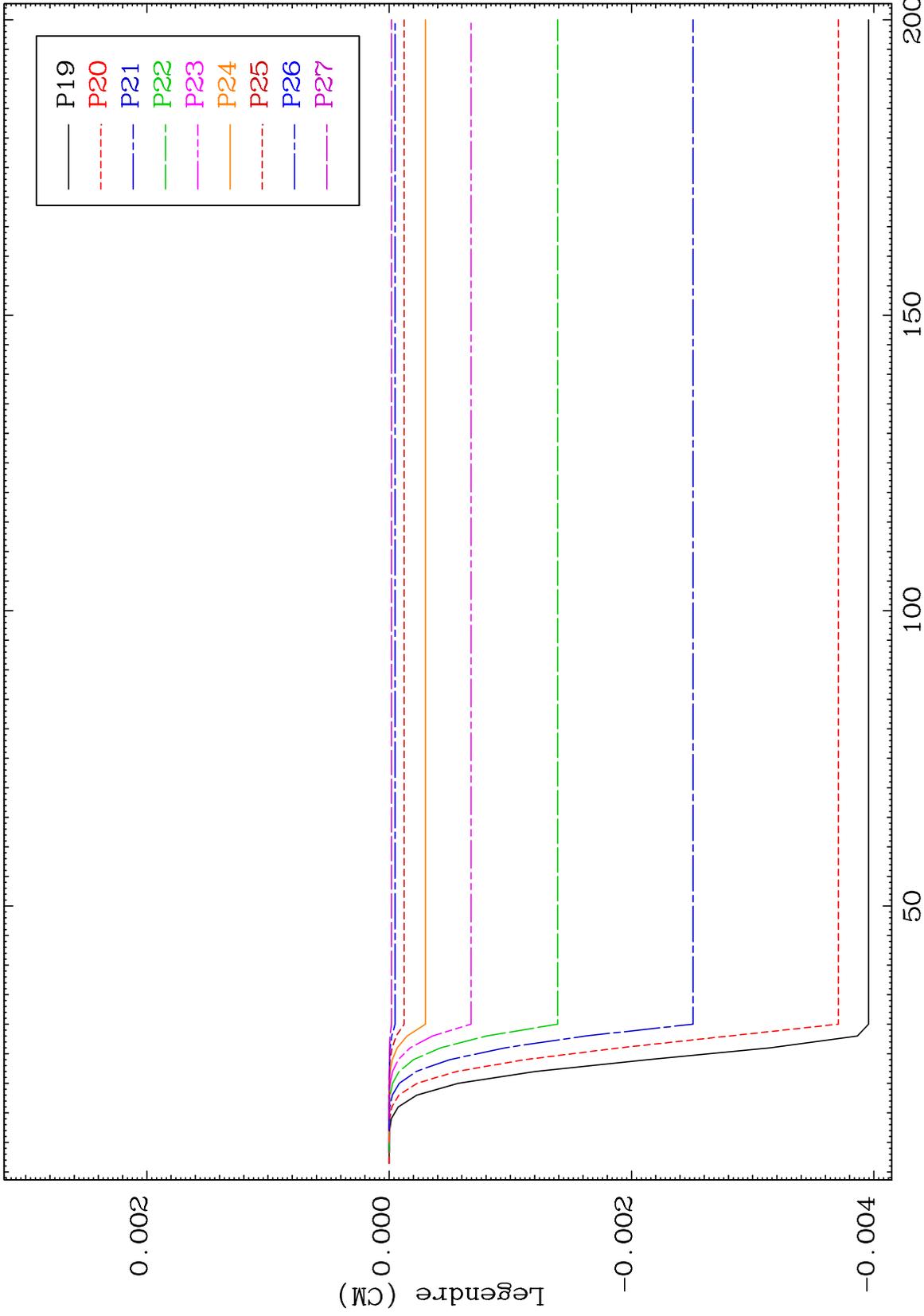
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

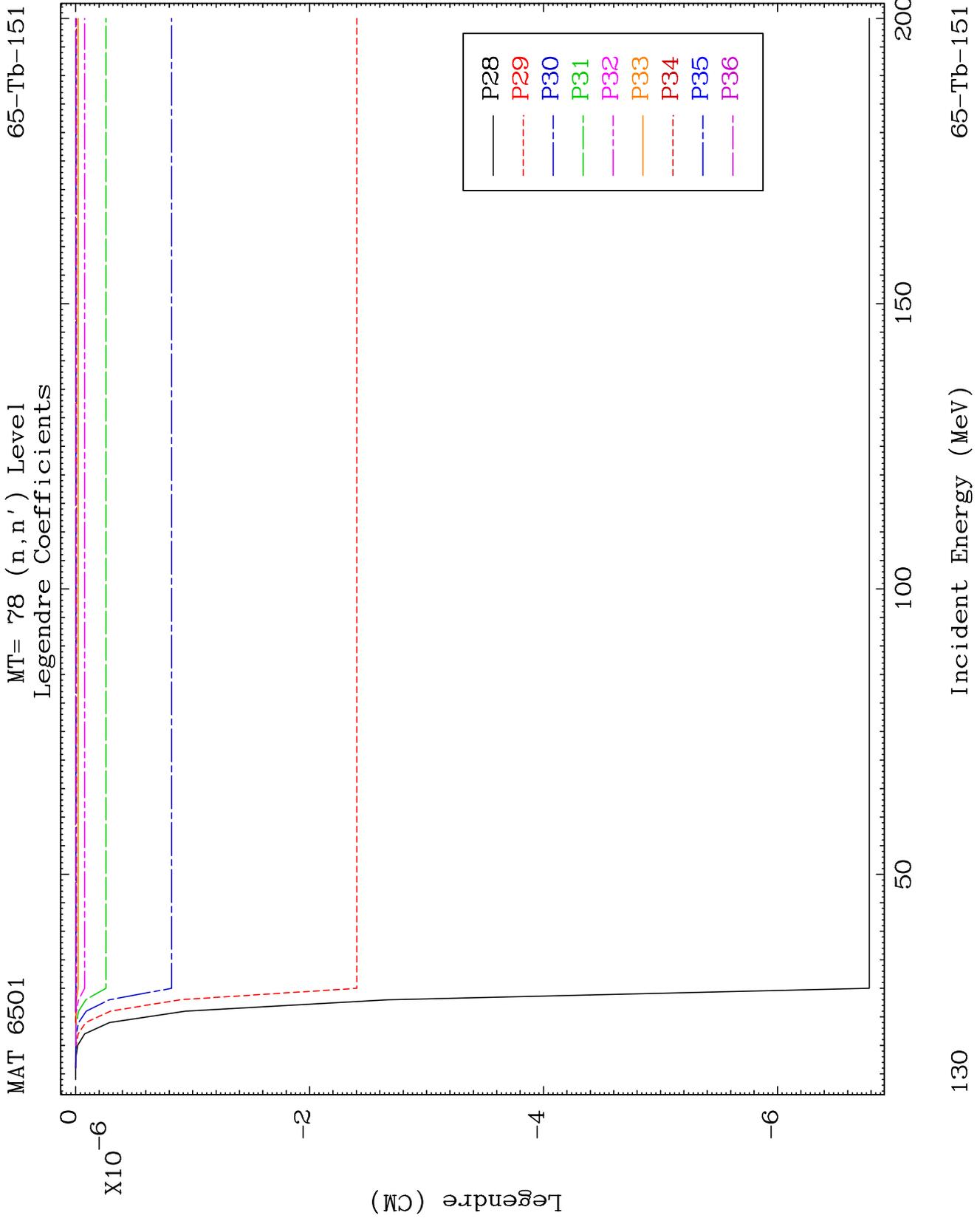
65-Tb-151

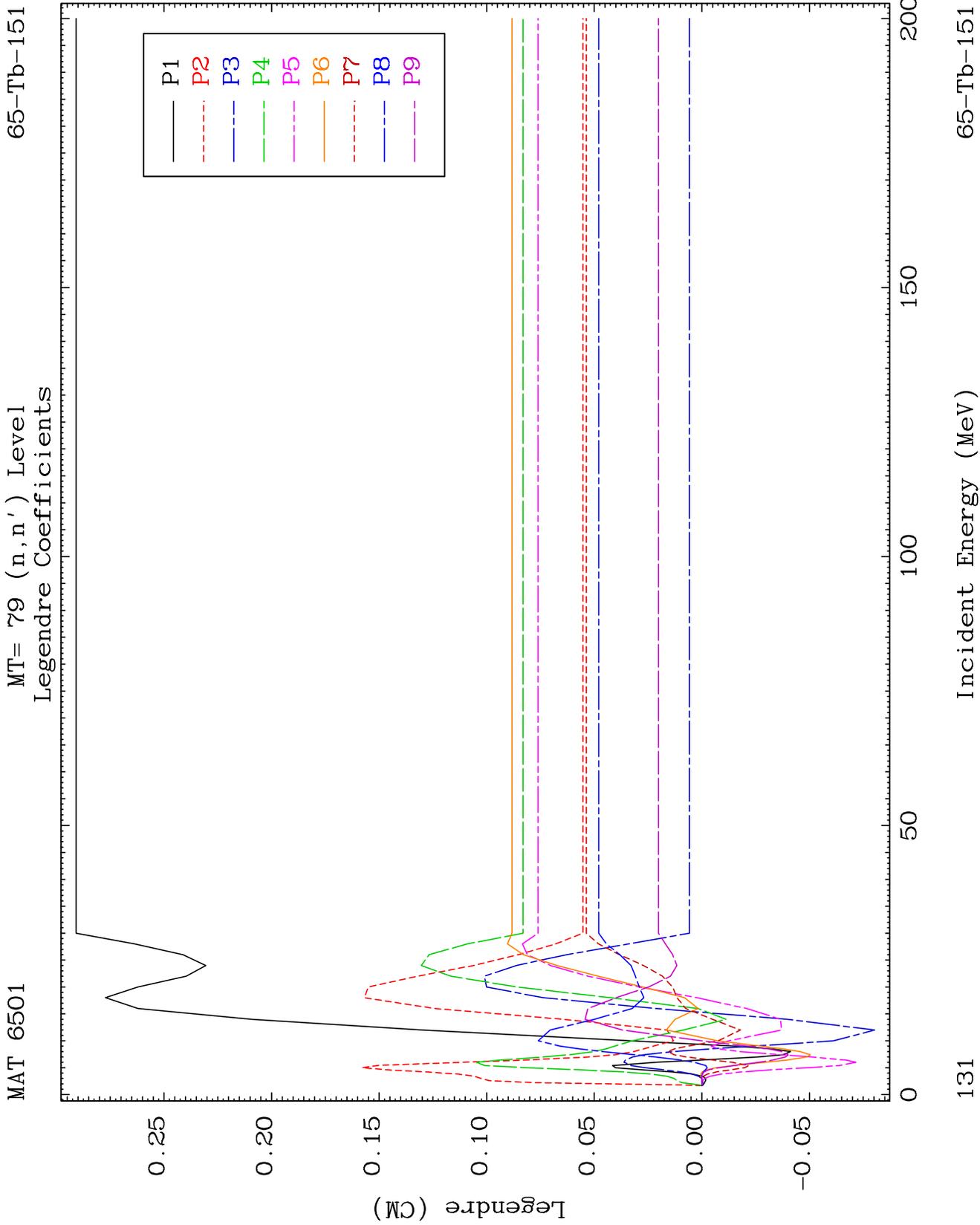


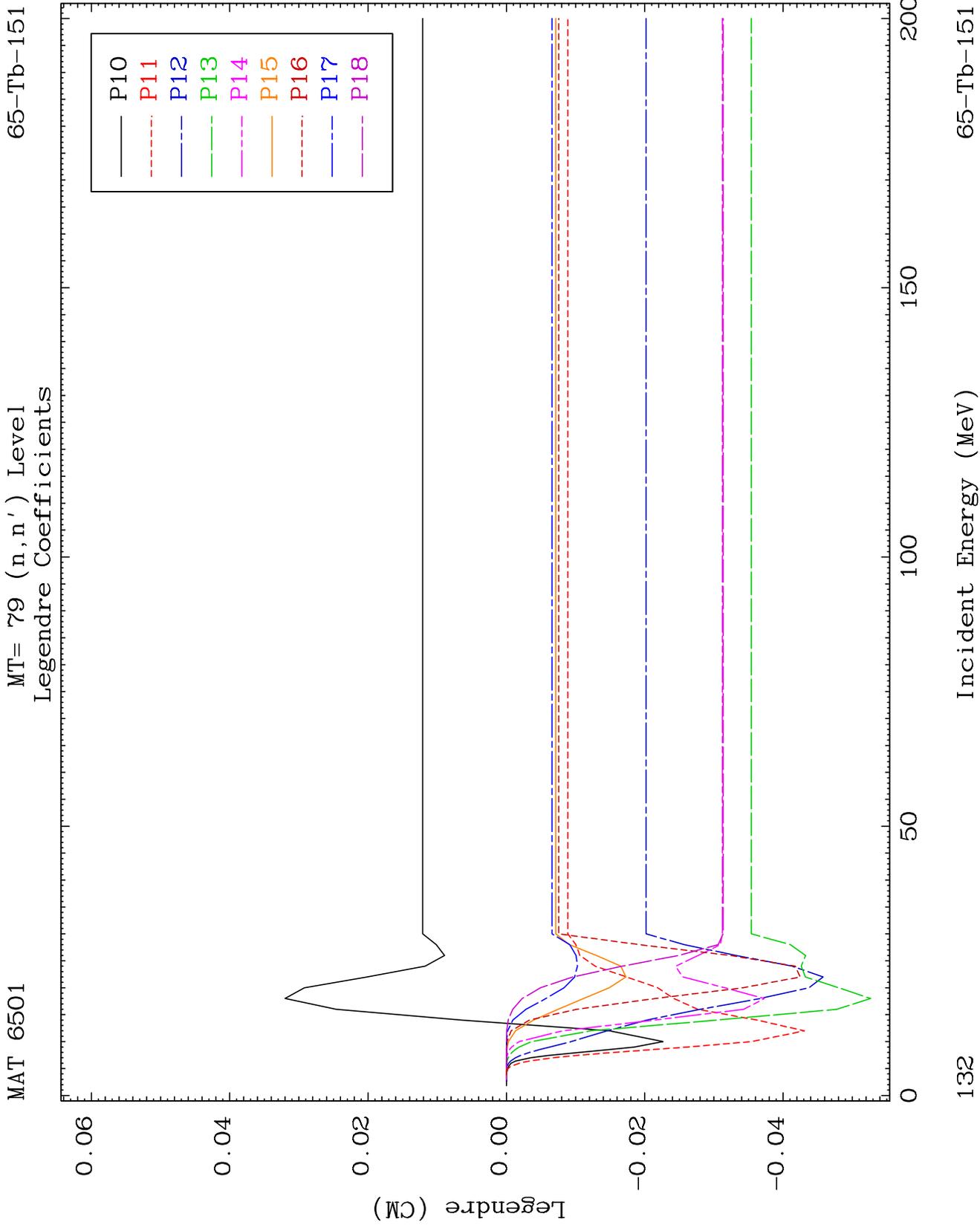
129

Incident Energy (MeV)

65-Tb-151



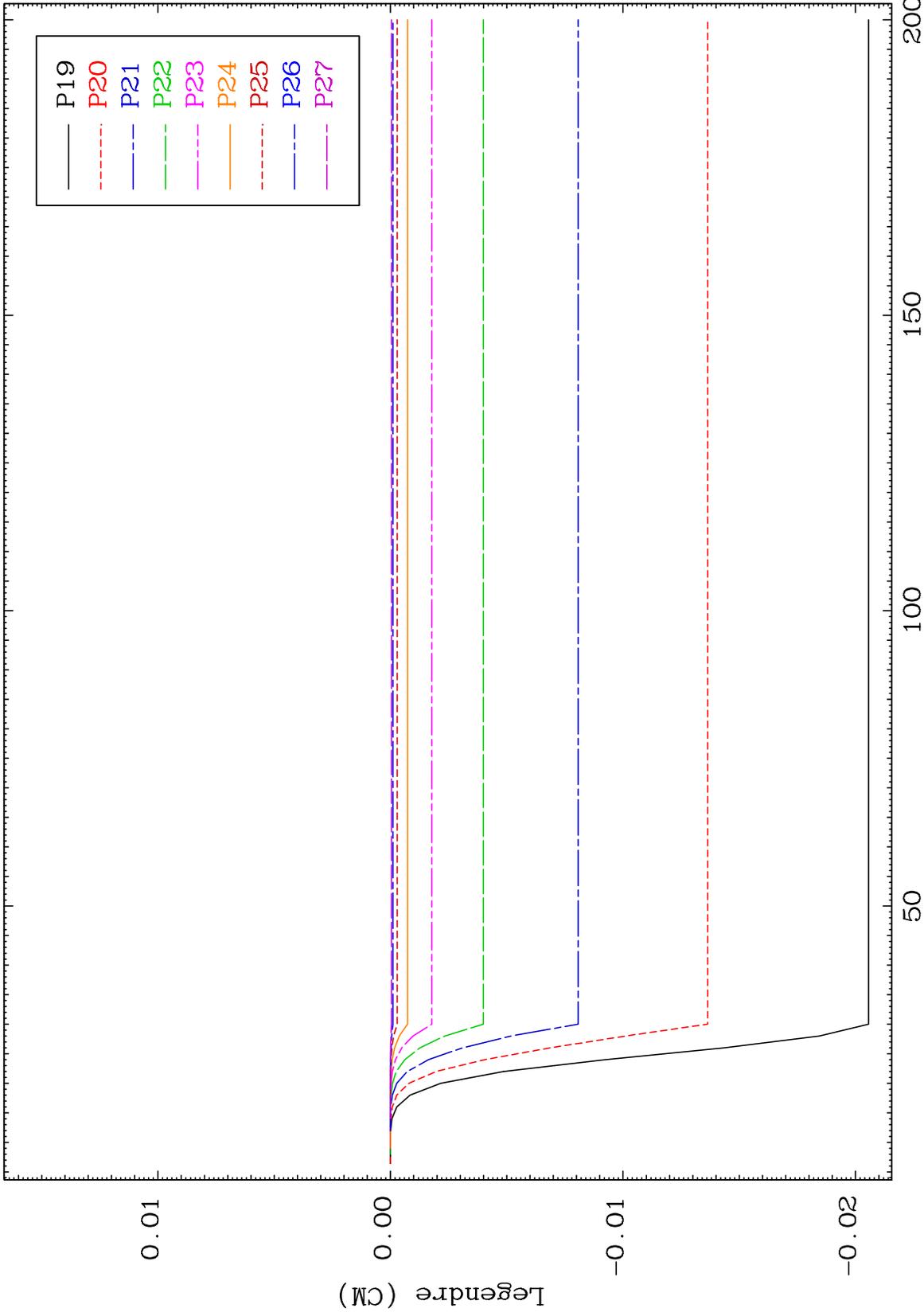




MAT 6501

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

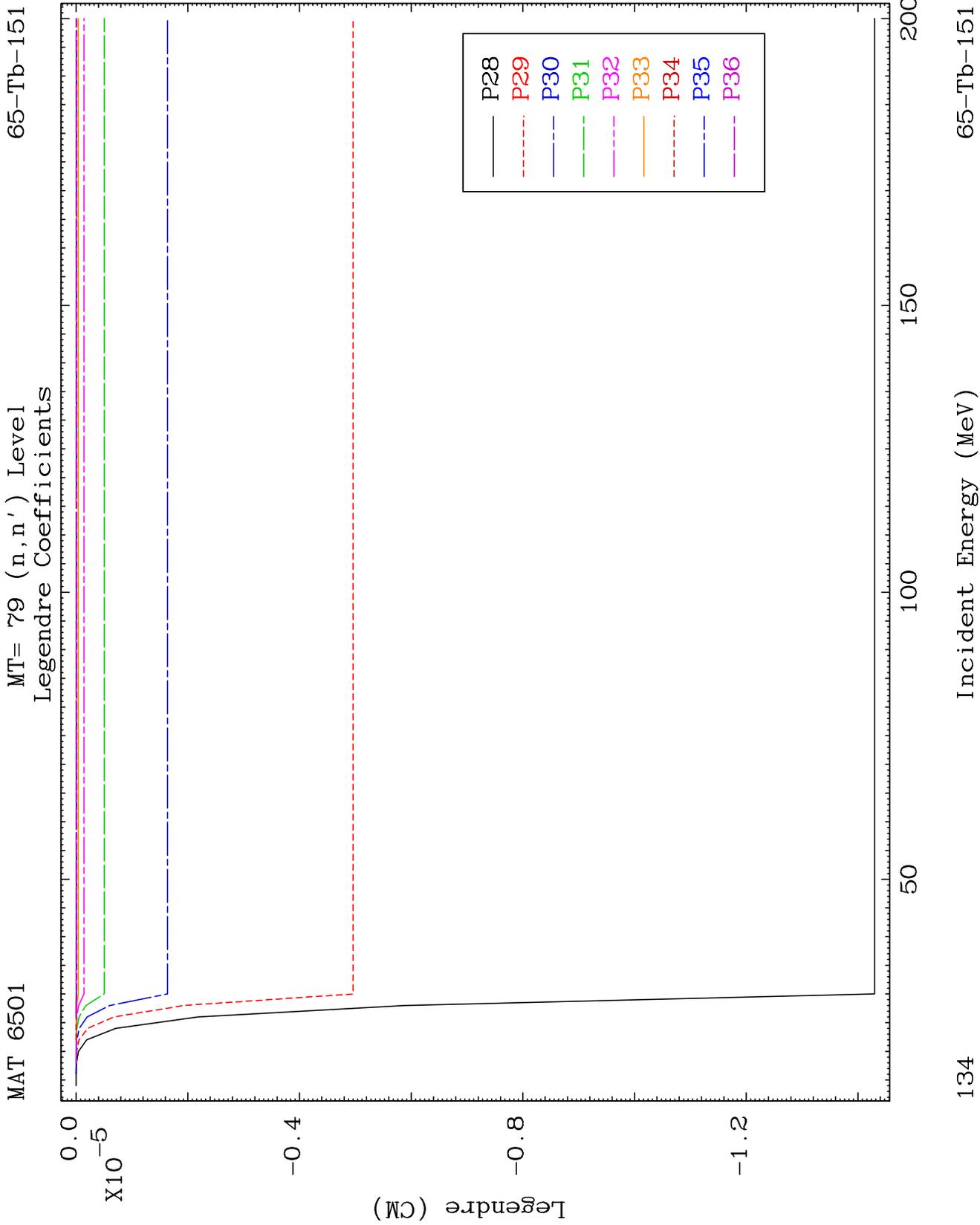
65-Tb-151

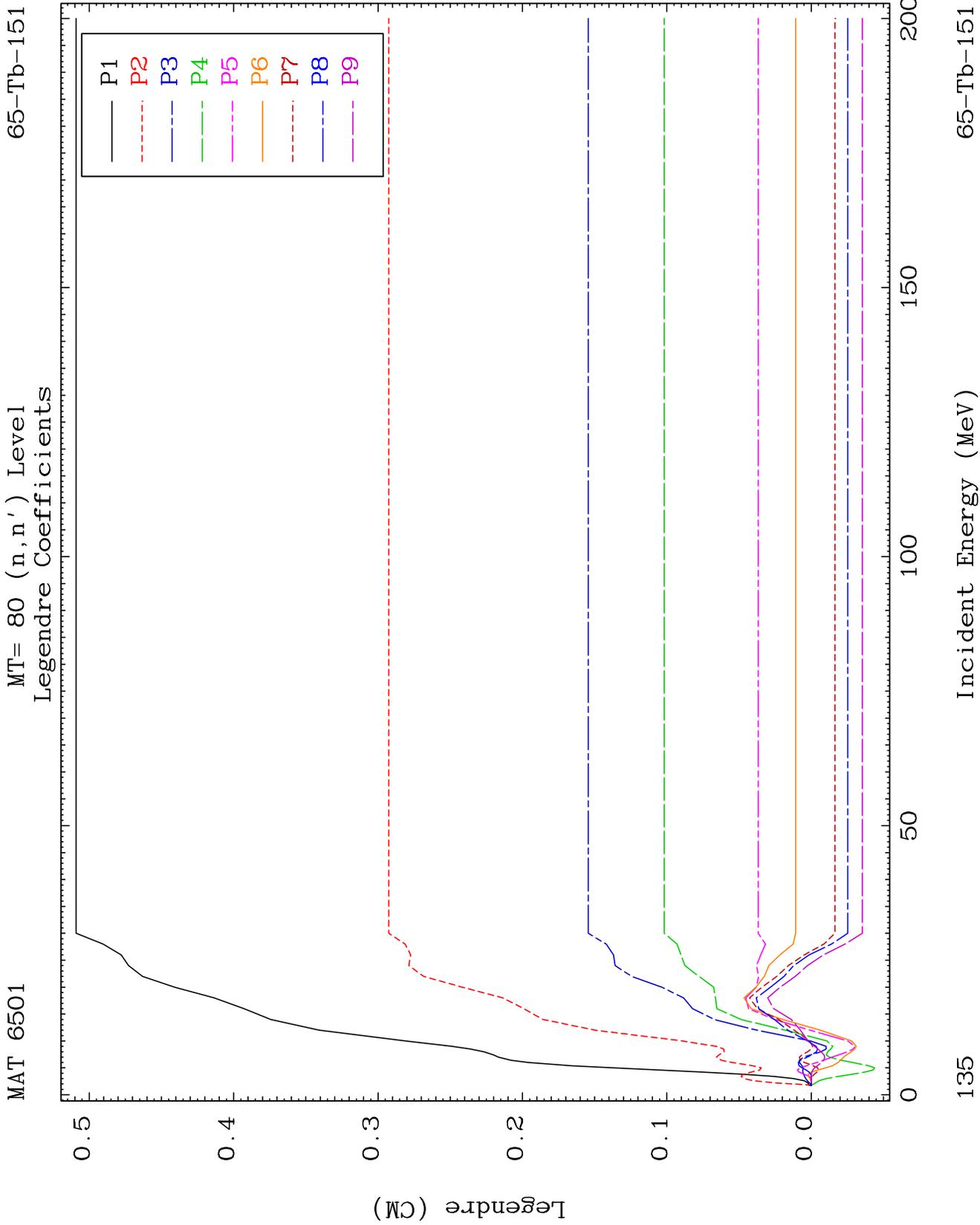


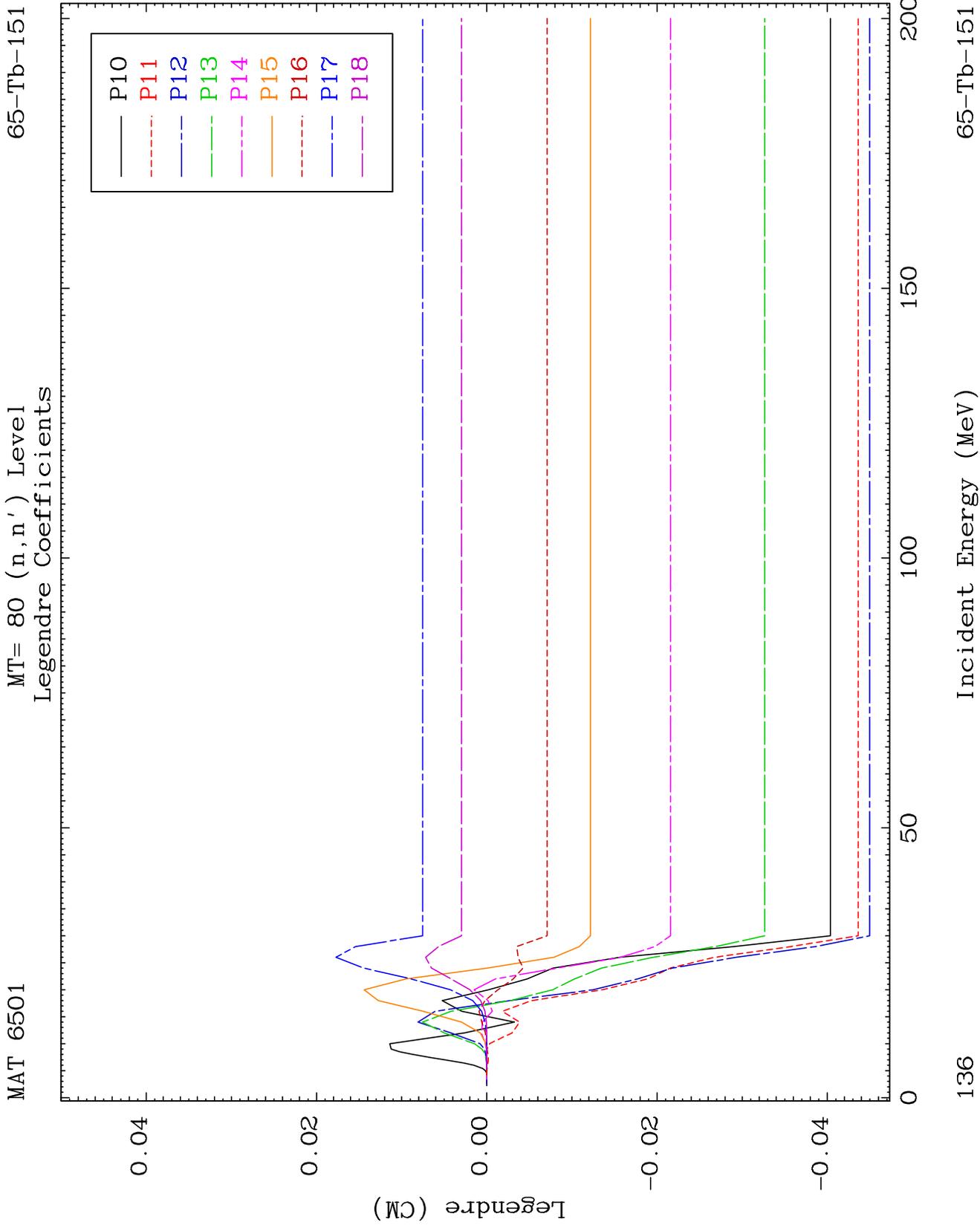
133

Incident Energy (MeV)

65-Tb-151



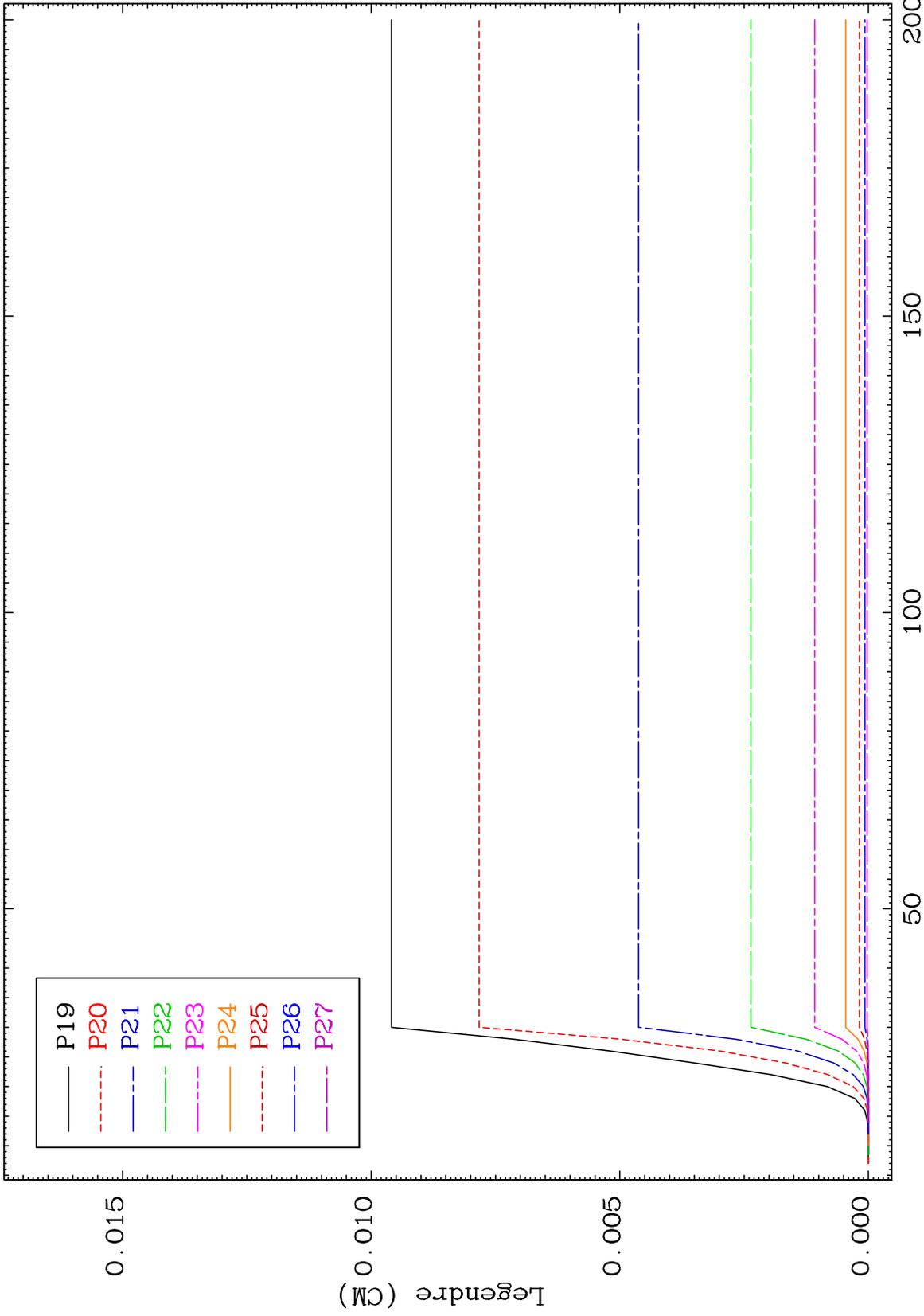




MAT 6501

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

65-Tb-151



137

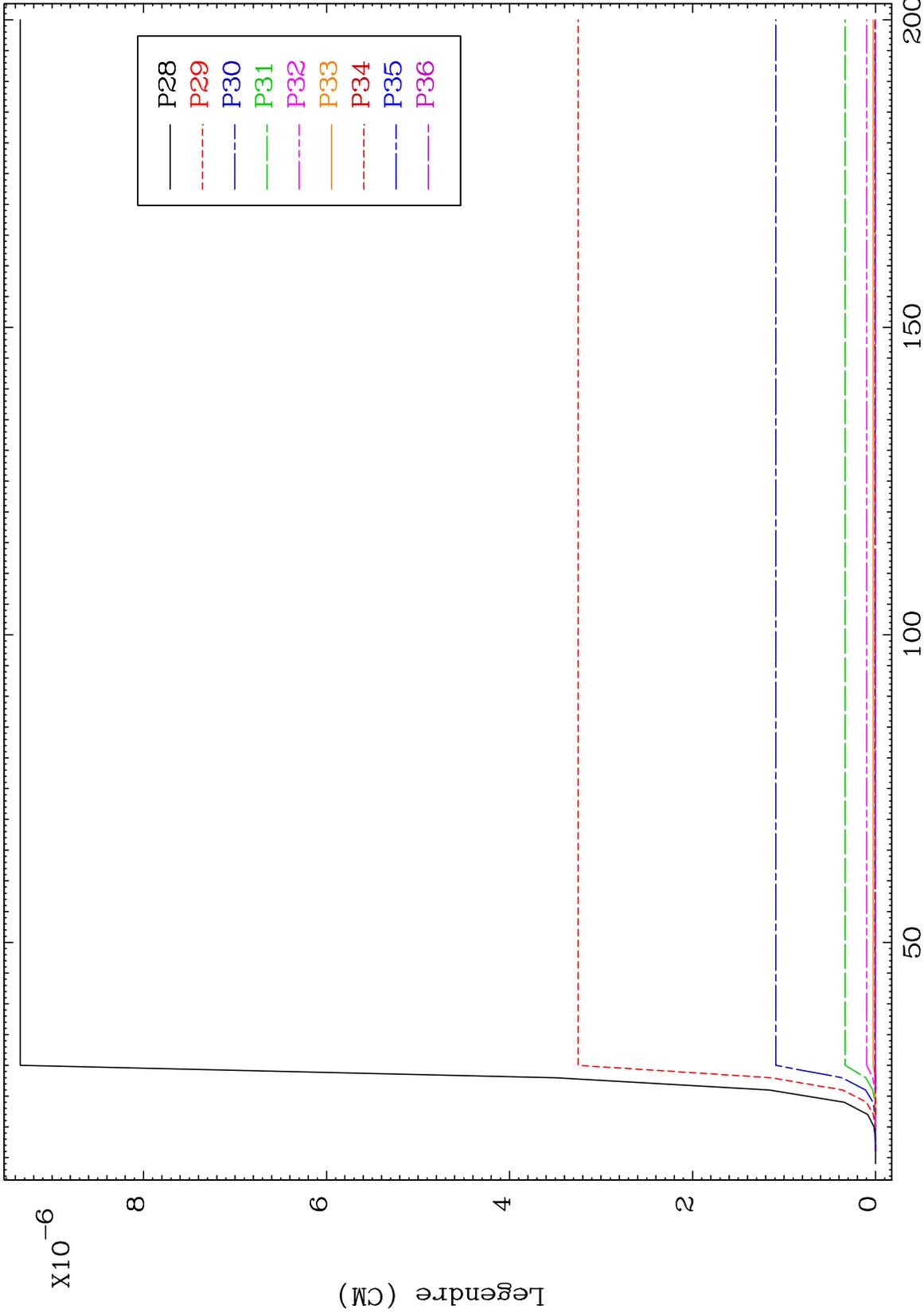
Incident Energy (MeV)

65-Tb-151

MAT 6501

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

65-Tb-151



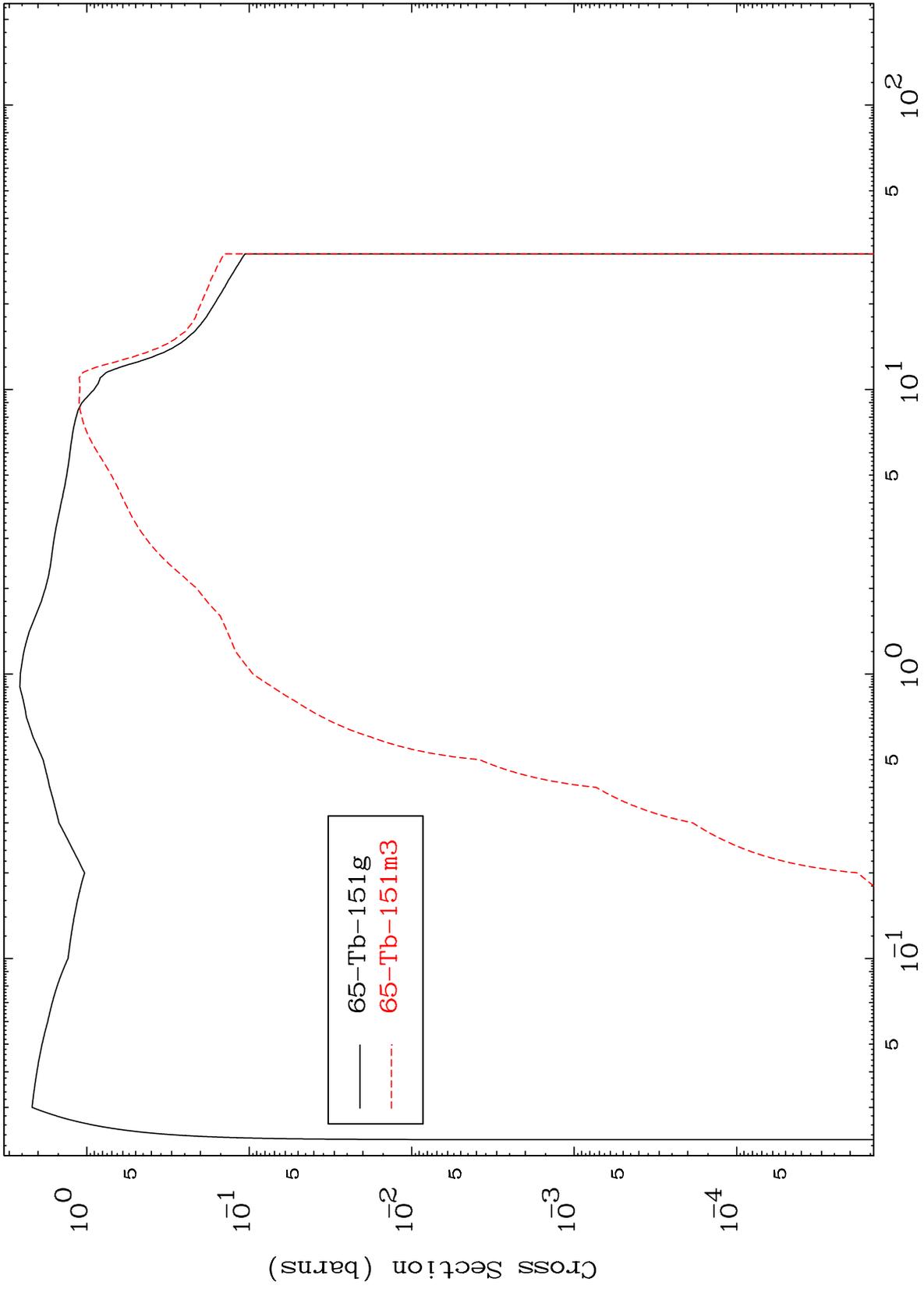
138

65-Tb-151

MAT 6501

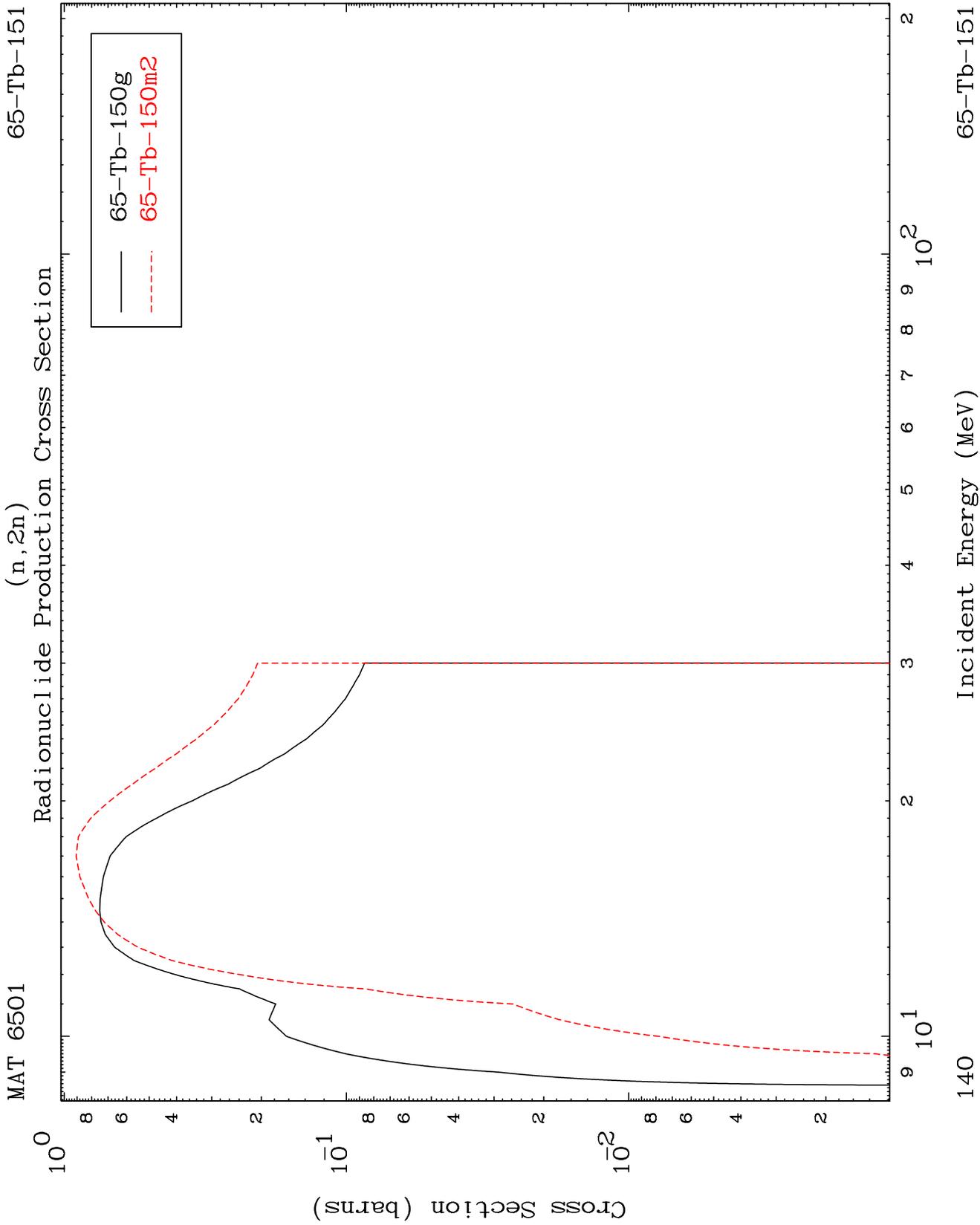
65-Tb-151

Inelastic  
Radionuclide Production Cross Section



139

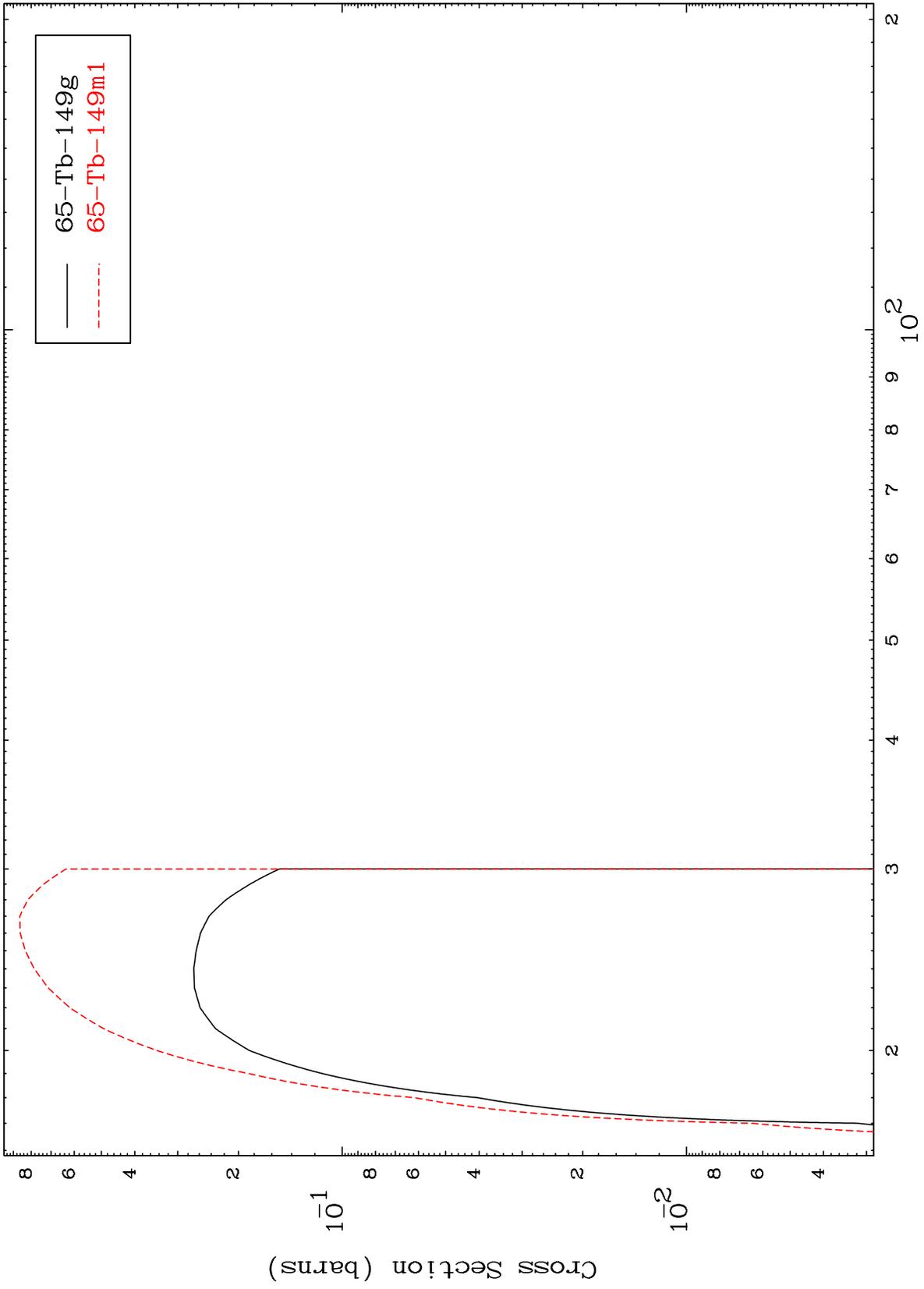
65-Tb-151



MAT 6501

65-Tb-151

(n,3n)  
Radionuclide Production Cross Section



141

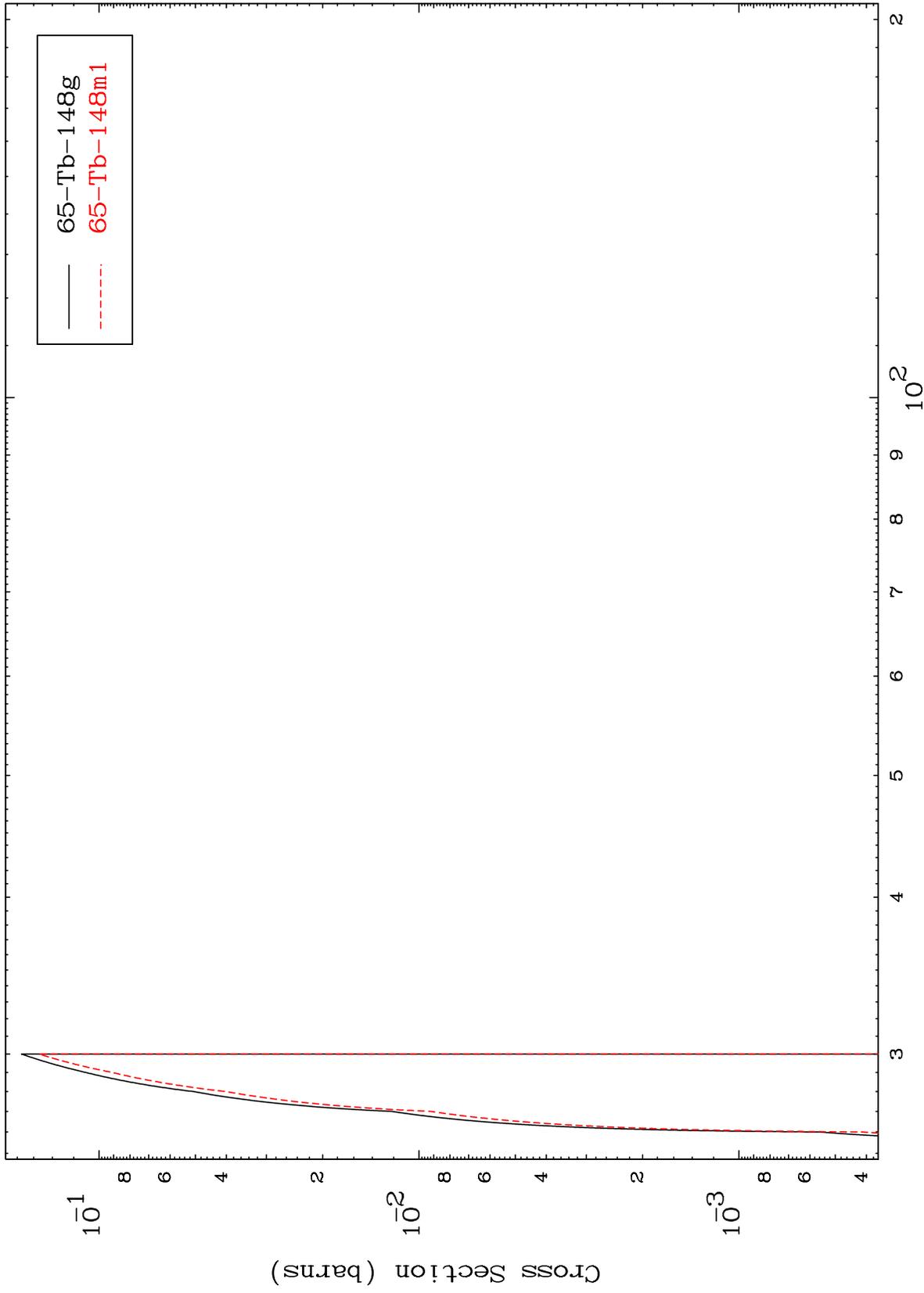
Incident Energy (MeV)

65-Tb-151

MAT 6501

65-Tb-151

(n,4n)  
Radionuclide Production Cross Section



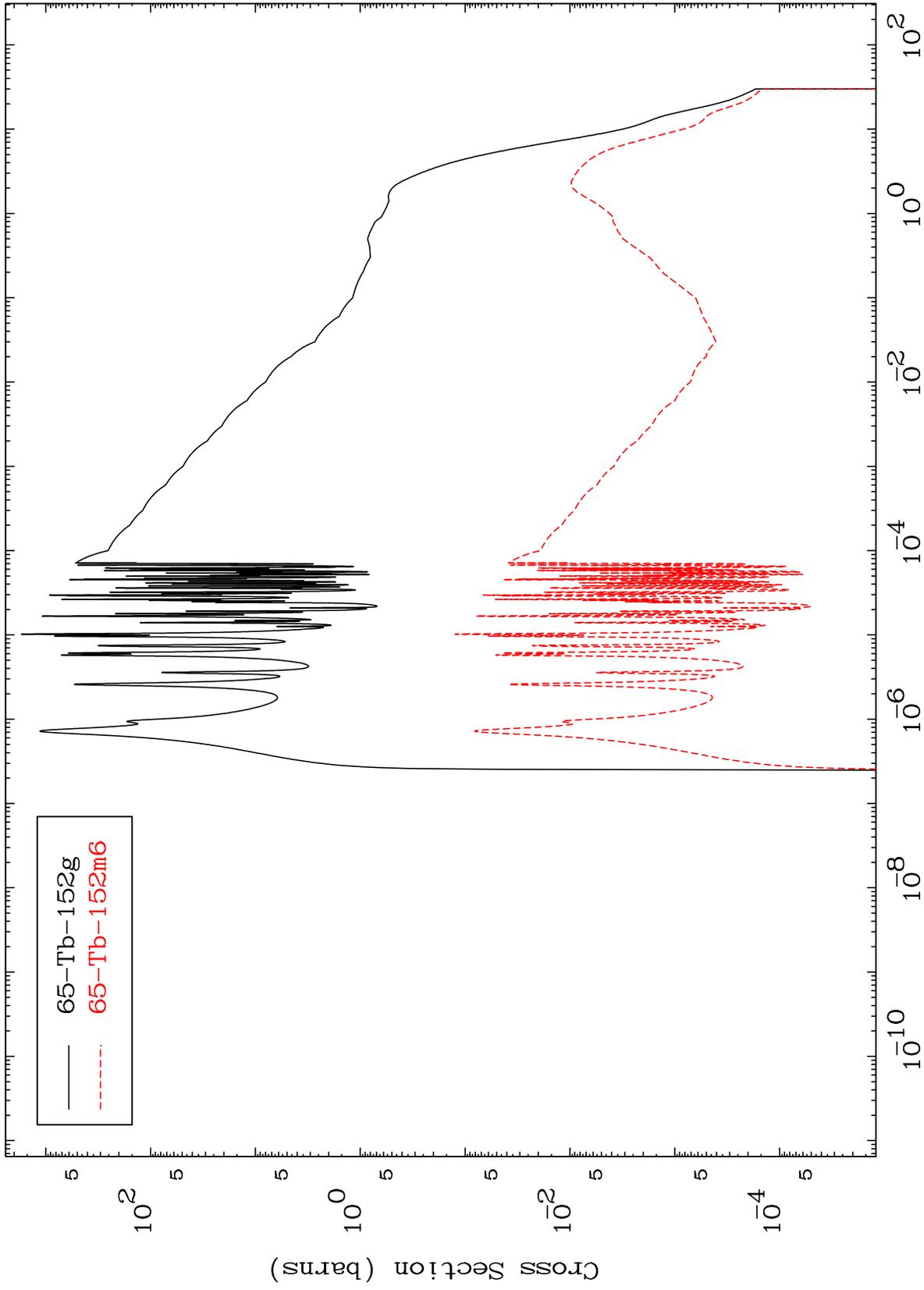
142

65-Tb-151

MAT 6501

65-Tb-151

Radionuclide Production Cross Section



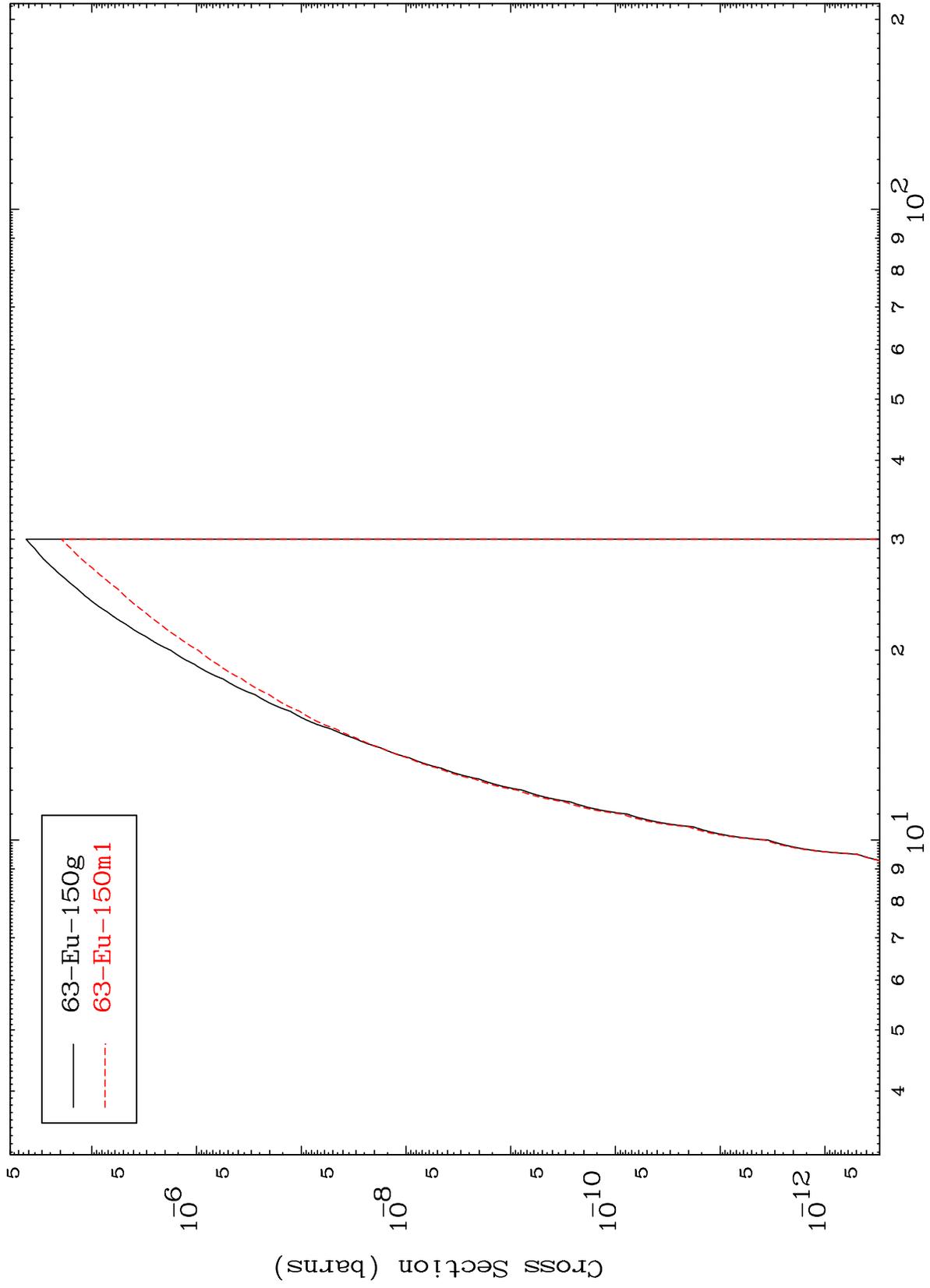
143

65-Tb-151

MAT 6501

65-Tb-151

(n,2p)  
Radionuclide Production Cross Section



144

65-Tb-151

Incident Energy (MeV)