

Program EVALPLOT  
(Version 2018-1)

by

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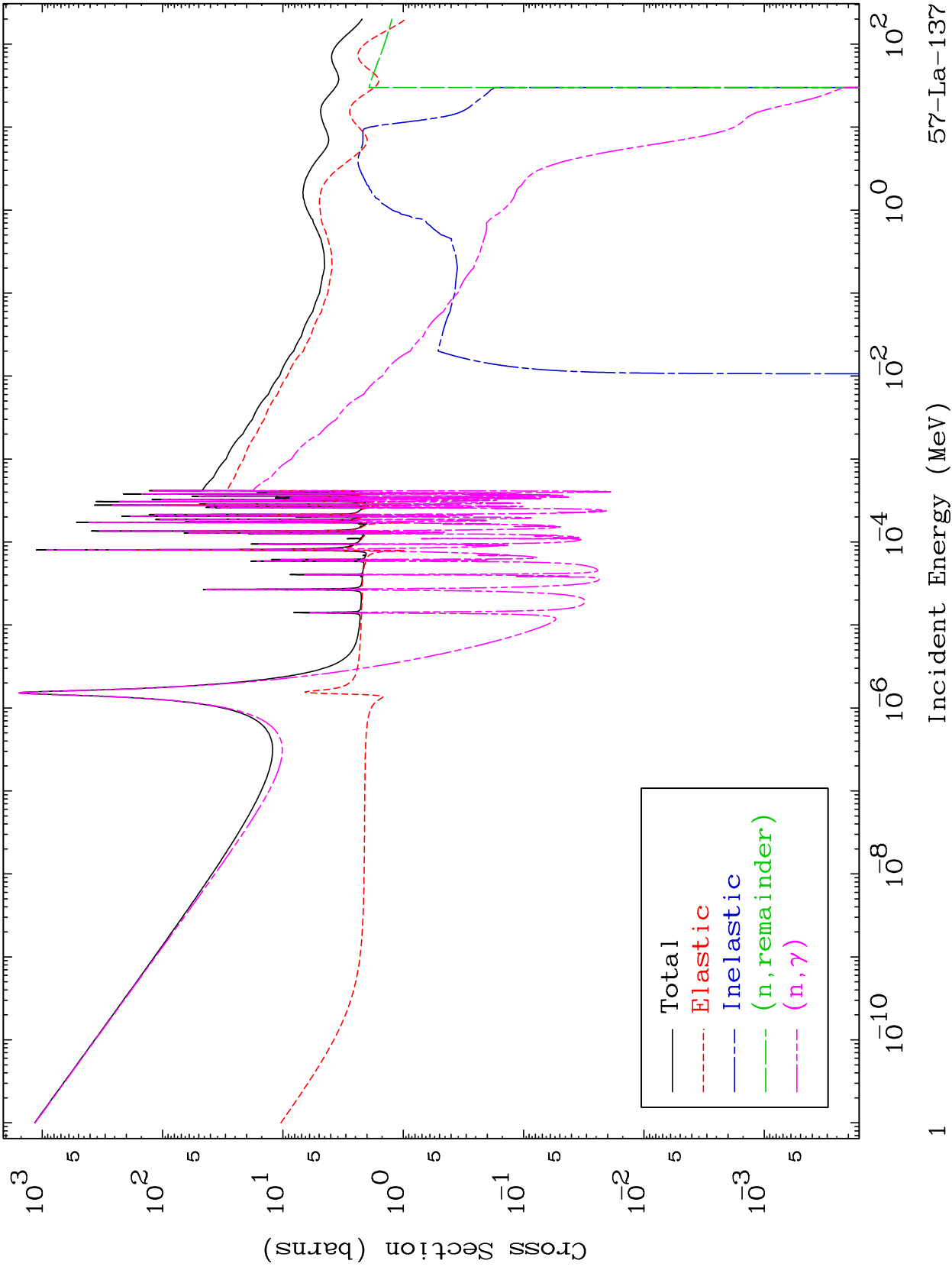
Press Mouse Button to Start

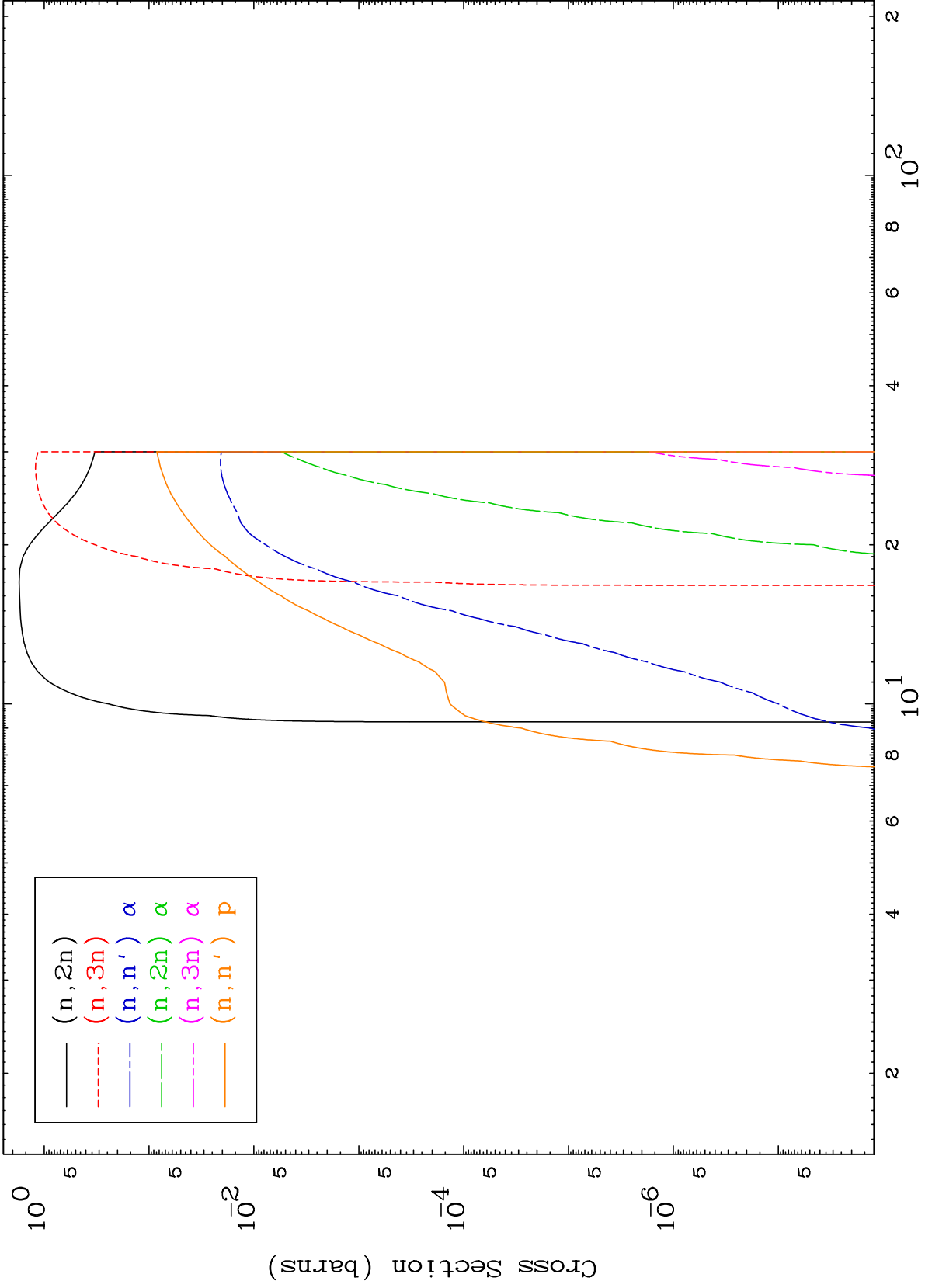
MAT 5722

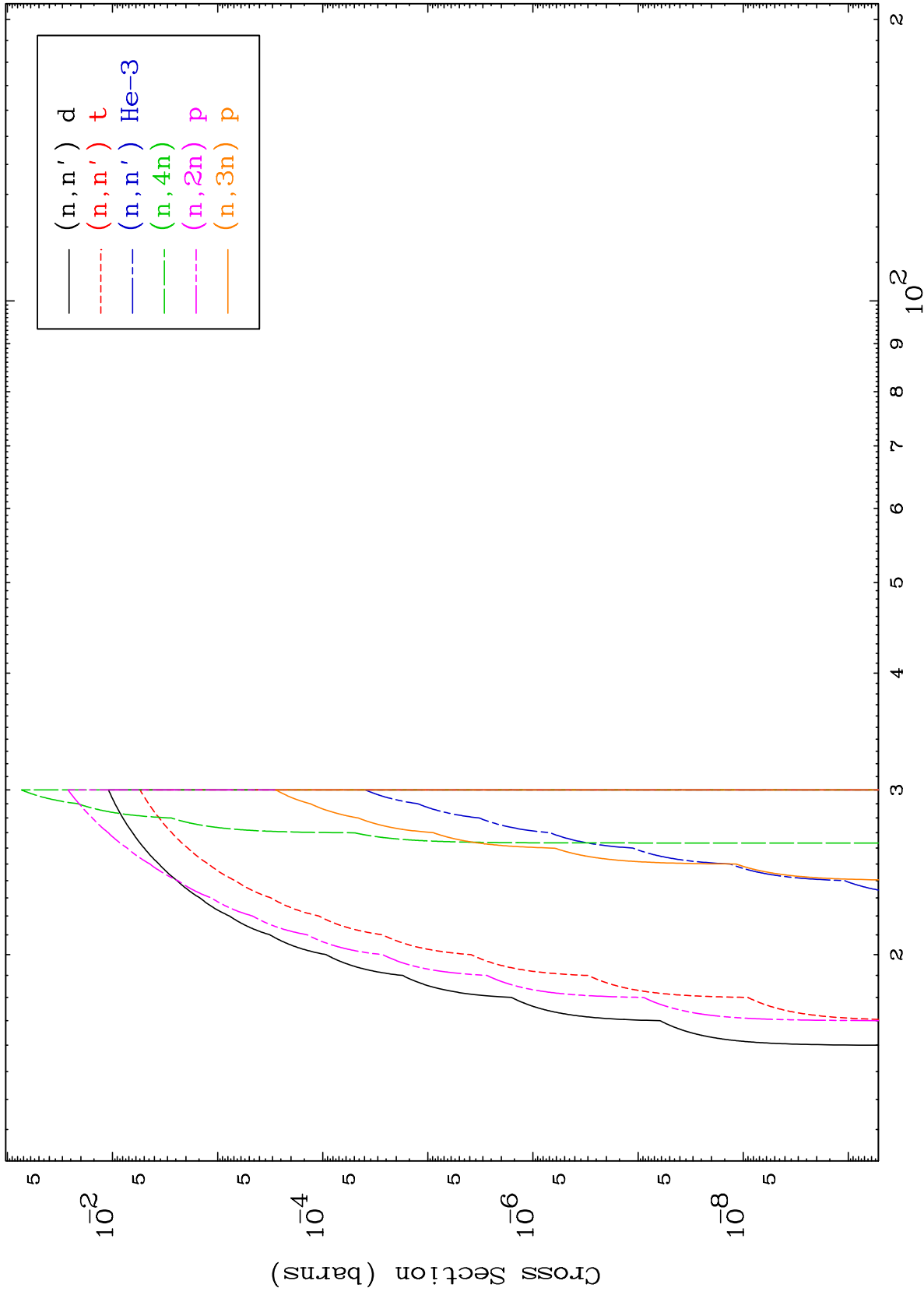
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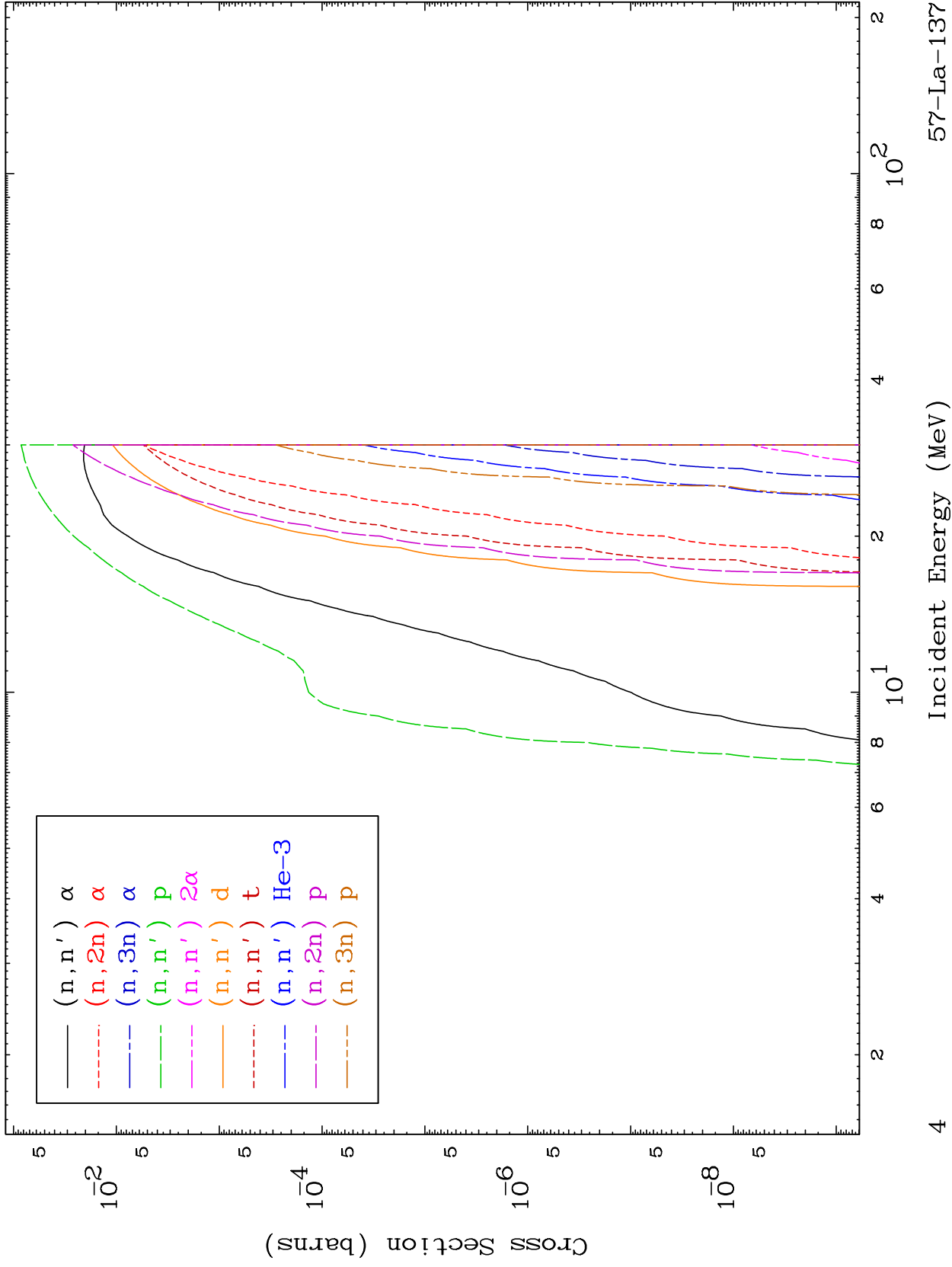
293 Kelvin Cross Sections

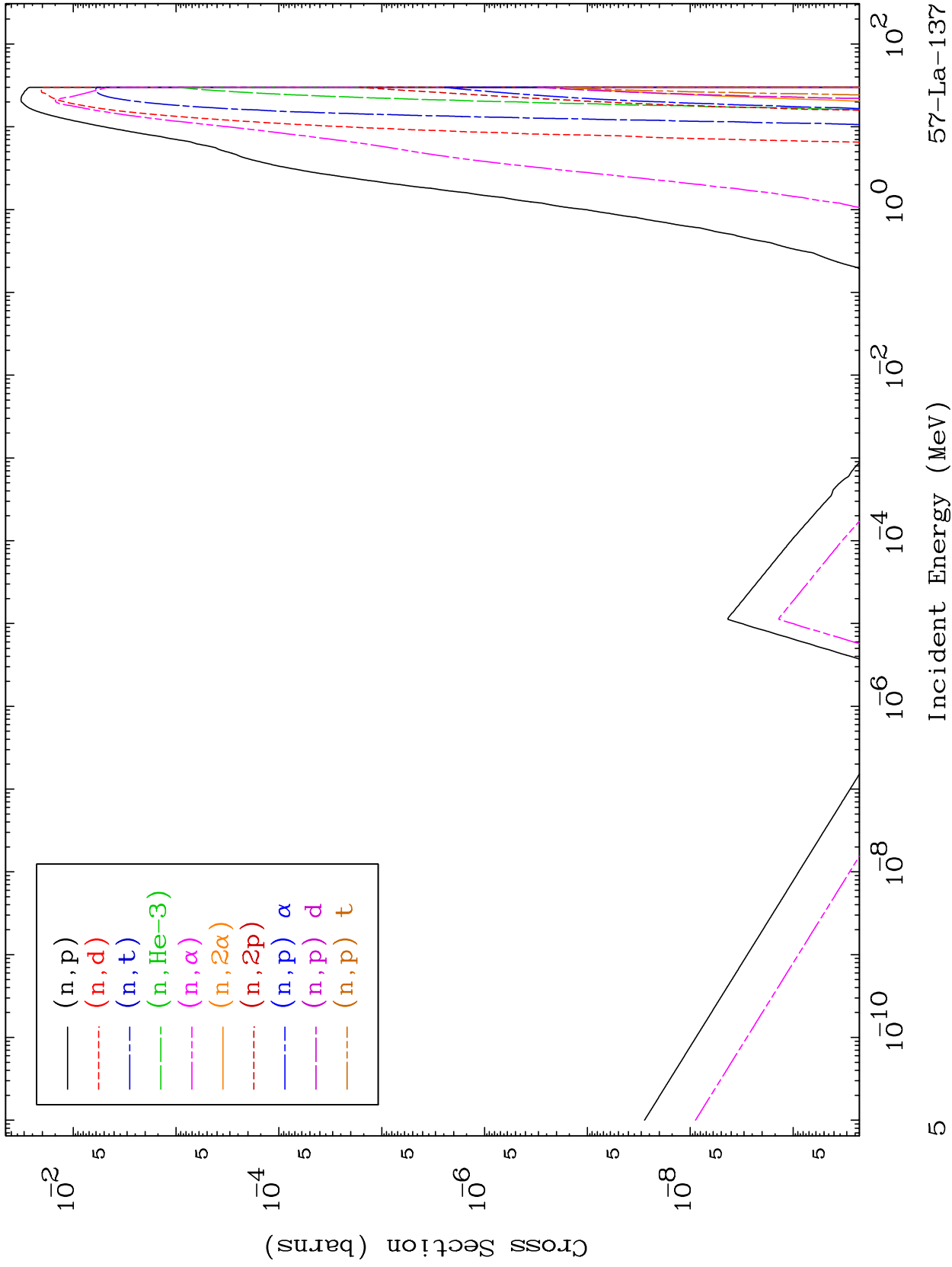
57-La-137







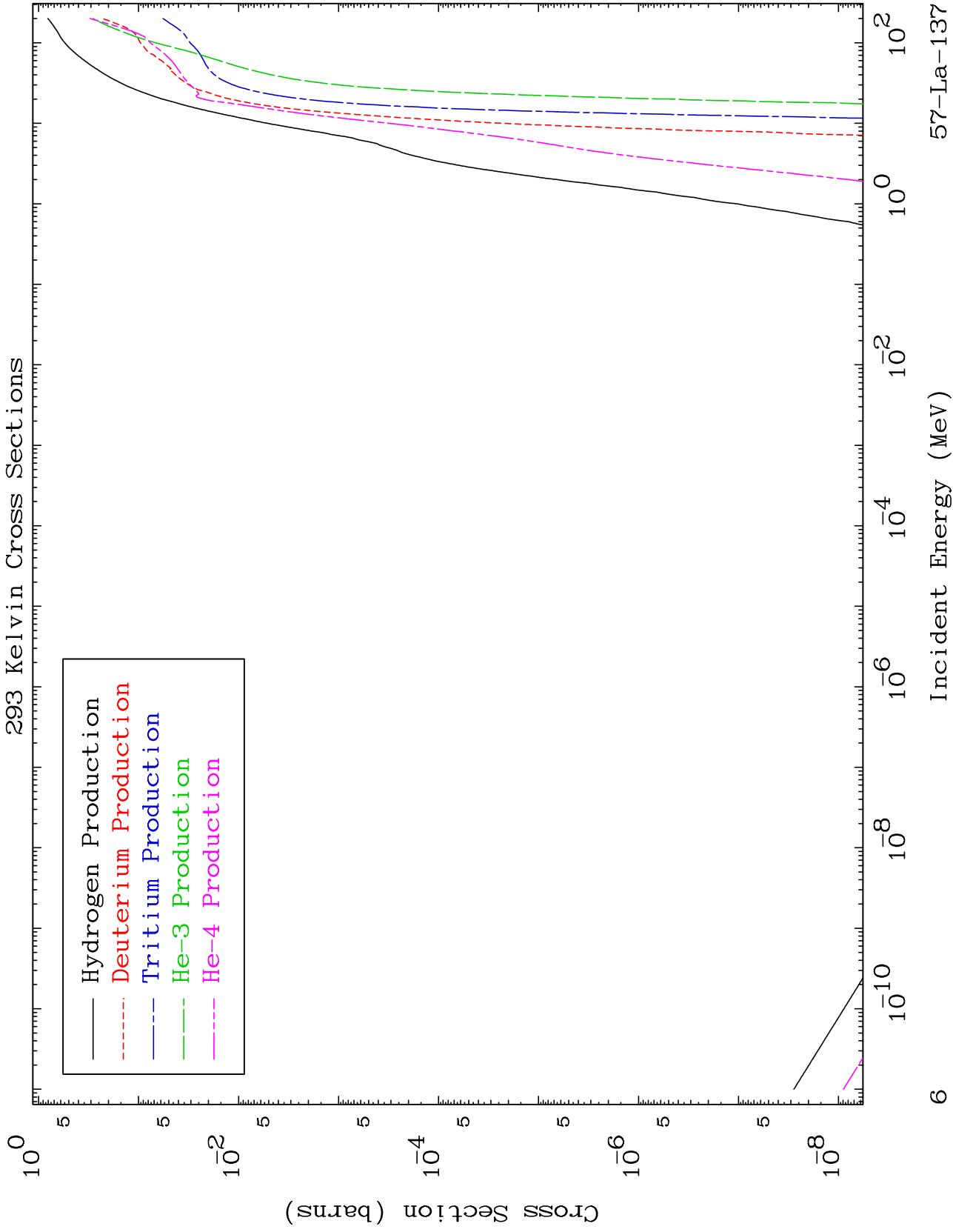




MAT 5722

Particle Production  
293 Kelvin Cross Sections

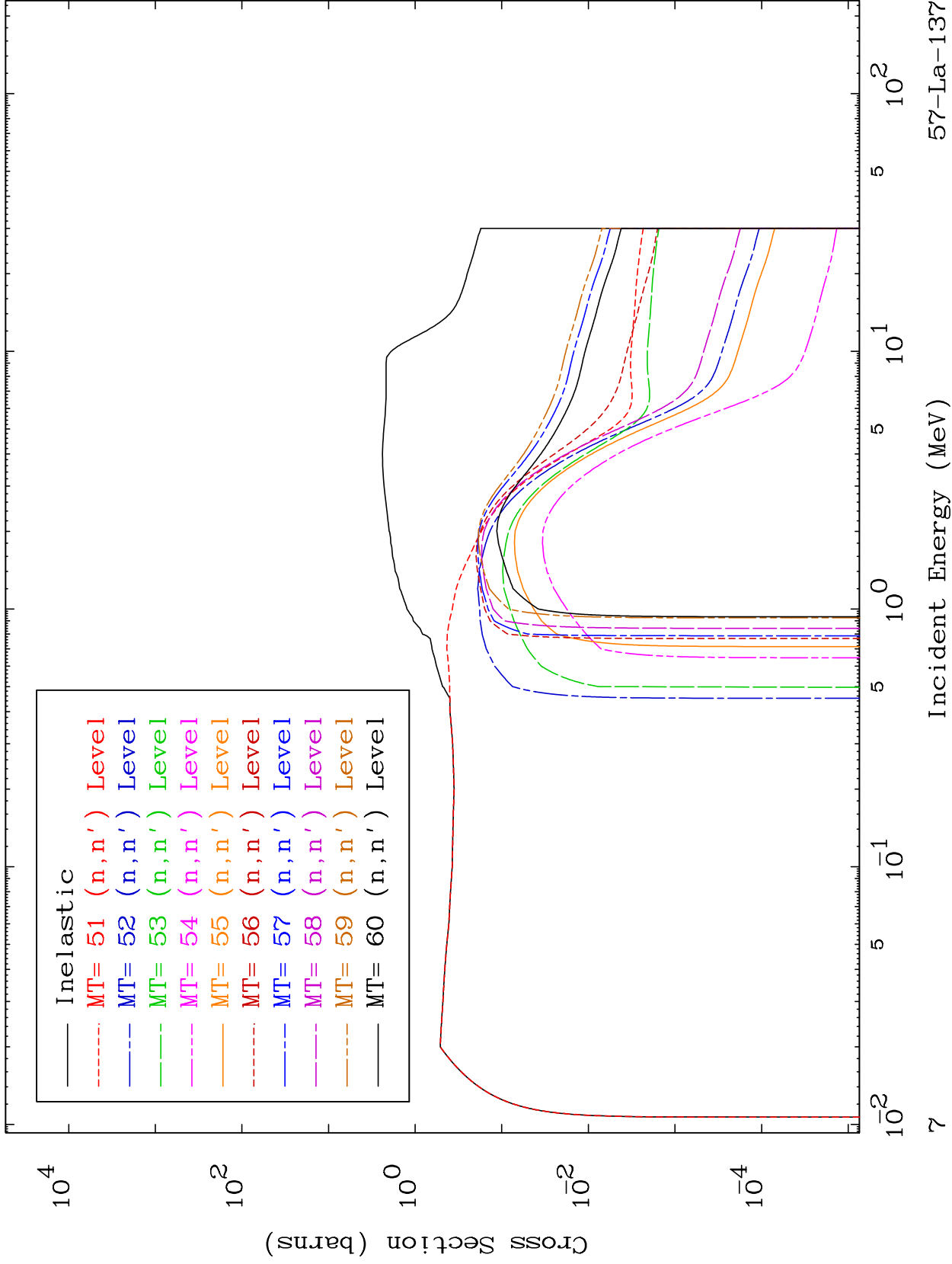
57-La-137



MAT 5722

(n,n') Level  
293 Kelvin Cross Sections

57-La-137



57-La-137

Incident Energy (MeV)

7

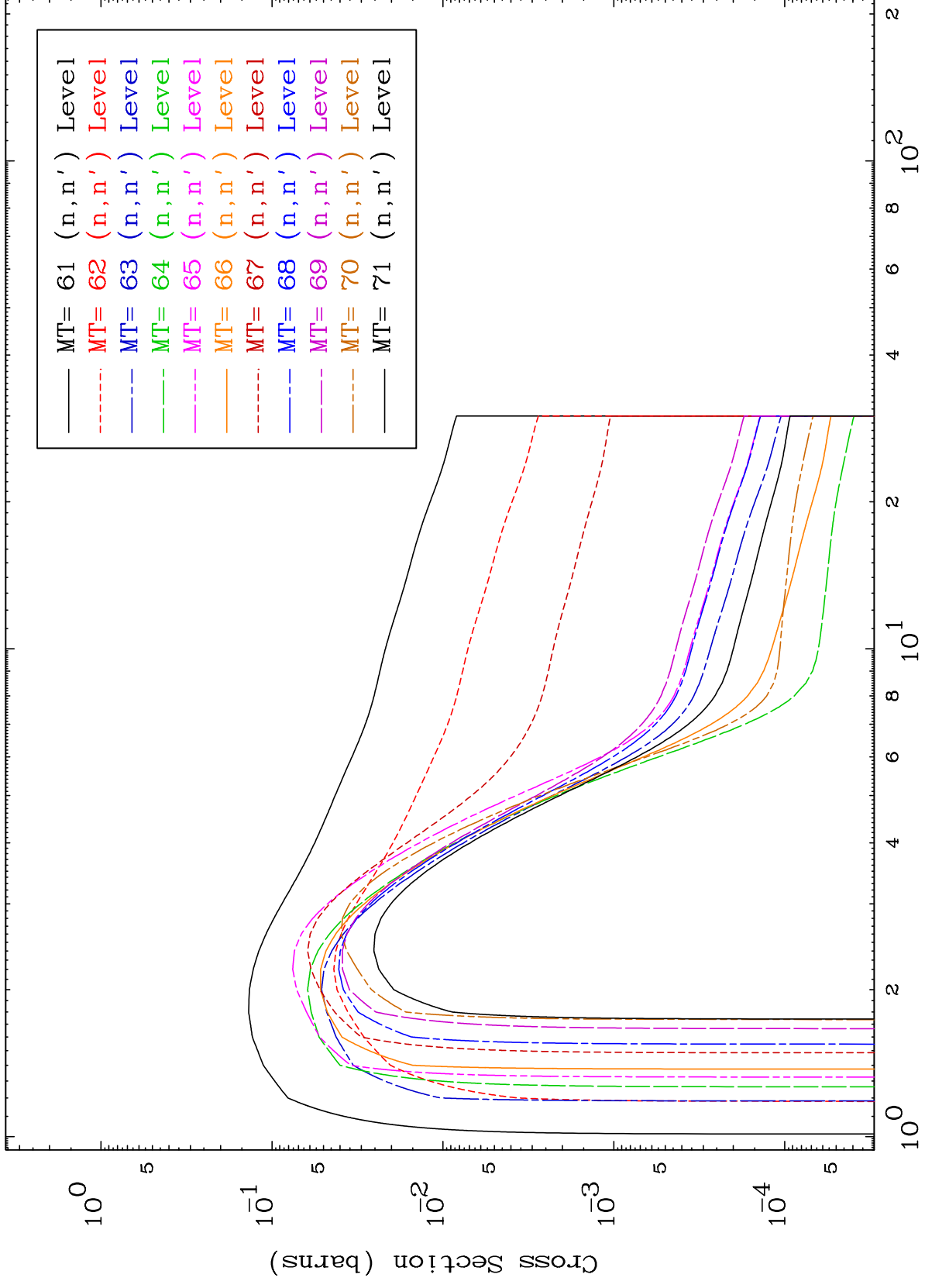


MAT 5722

(n,n') Level

57-La-137

293 Kelvin Cross Sections



Incident Energy (MeV)

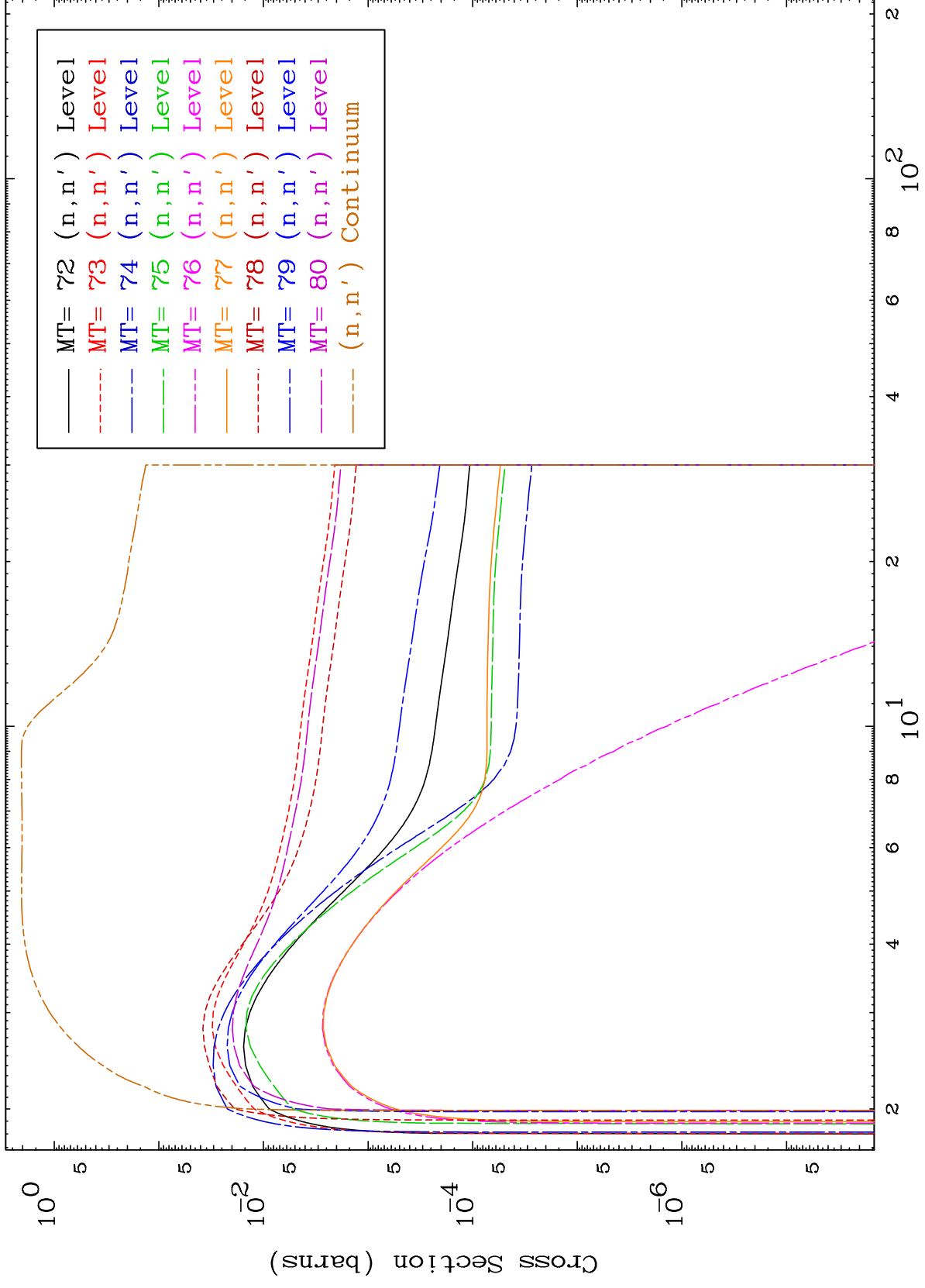
57-La-137

MAT 5722

(n,n') Level

293 Kelvin Cross Sections

57-La-137



9

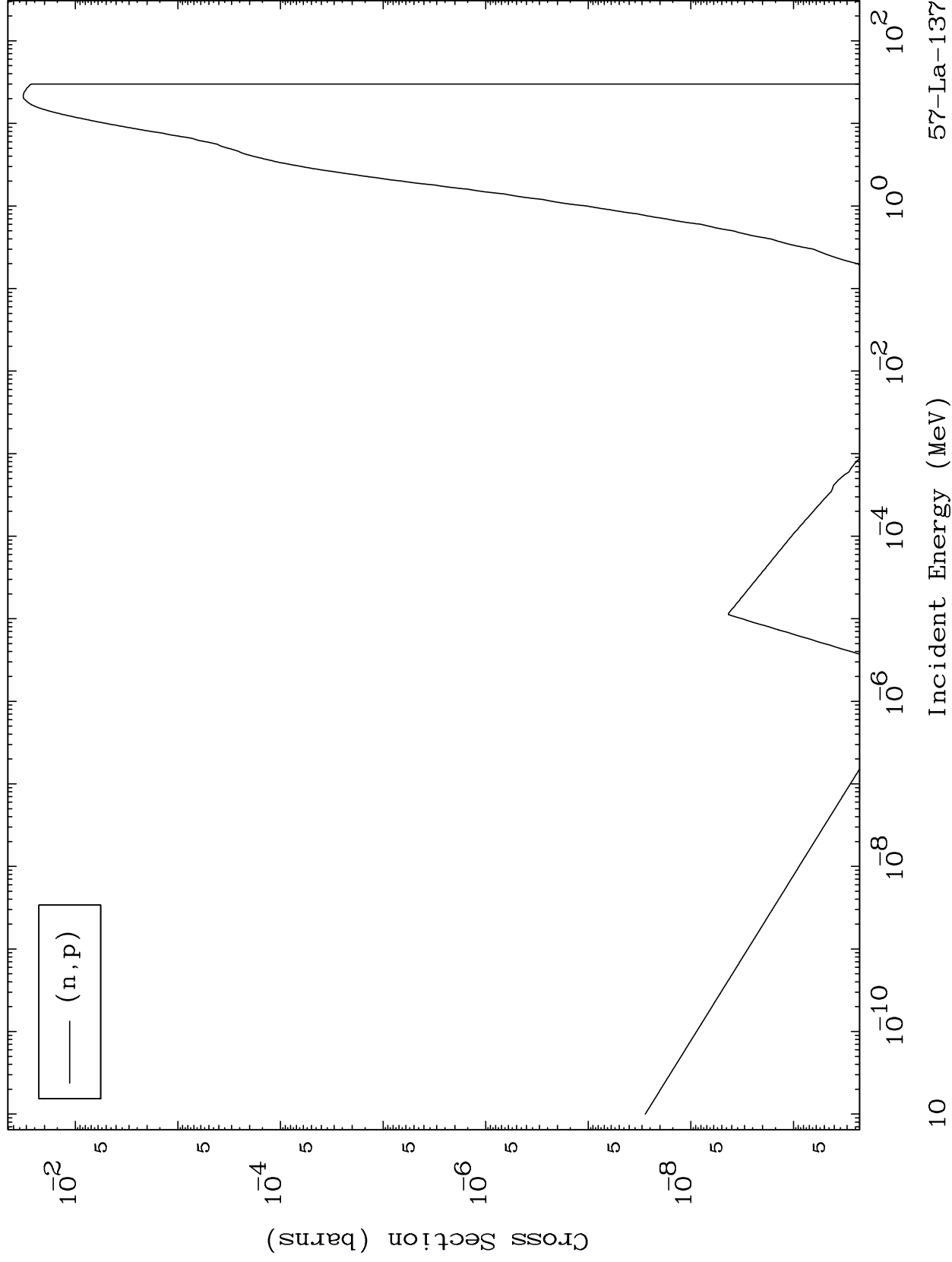
Incident Energy (MeV)

57-La-137

MAT 5722

(n,p) Levels  
293 Kelvin Cross Sections

57-La-137



57-La-137

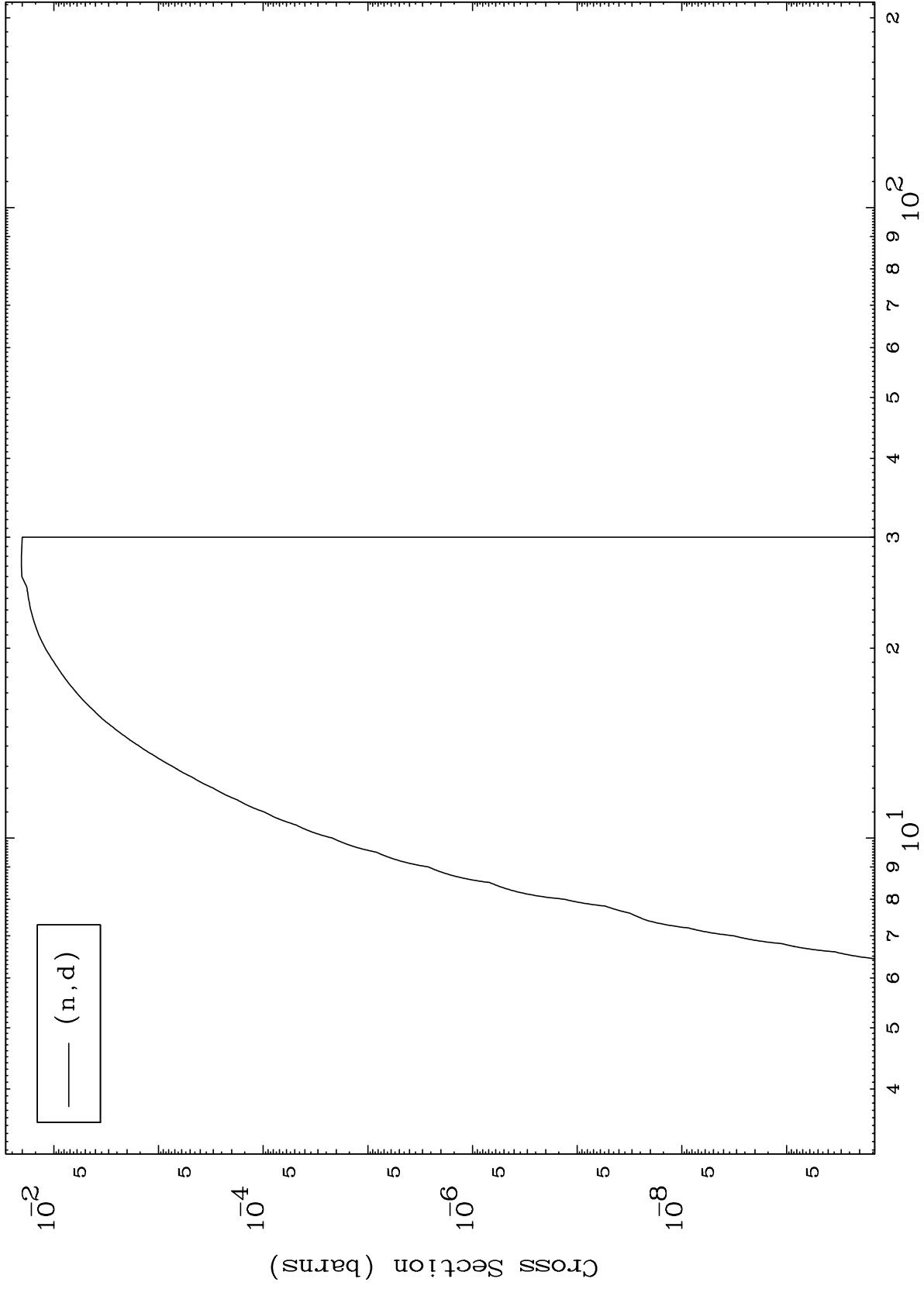
Incident Energy (MeV)

10

MAT 5722

(n,d) Levels  
293 Kelvin Cross Sections

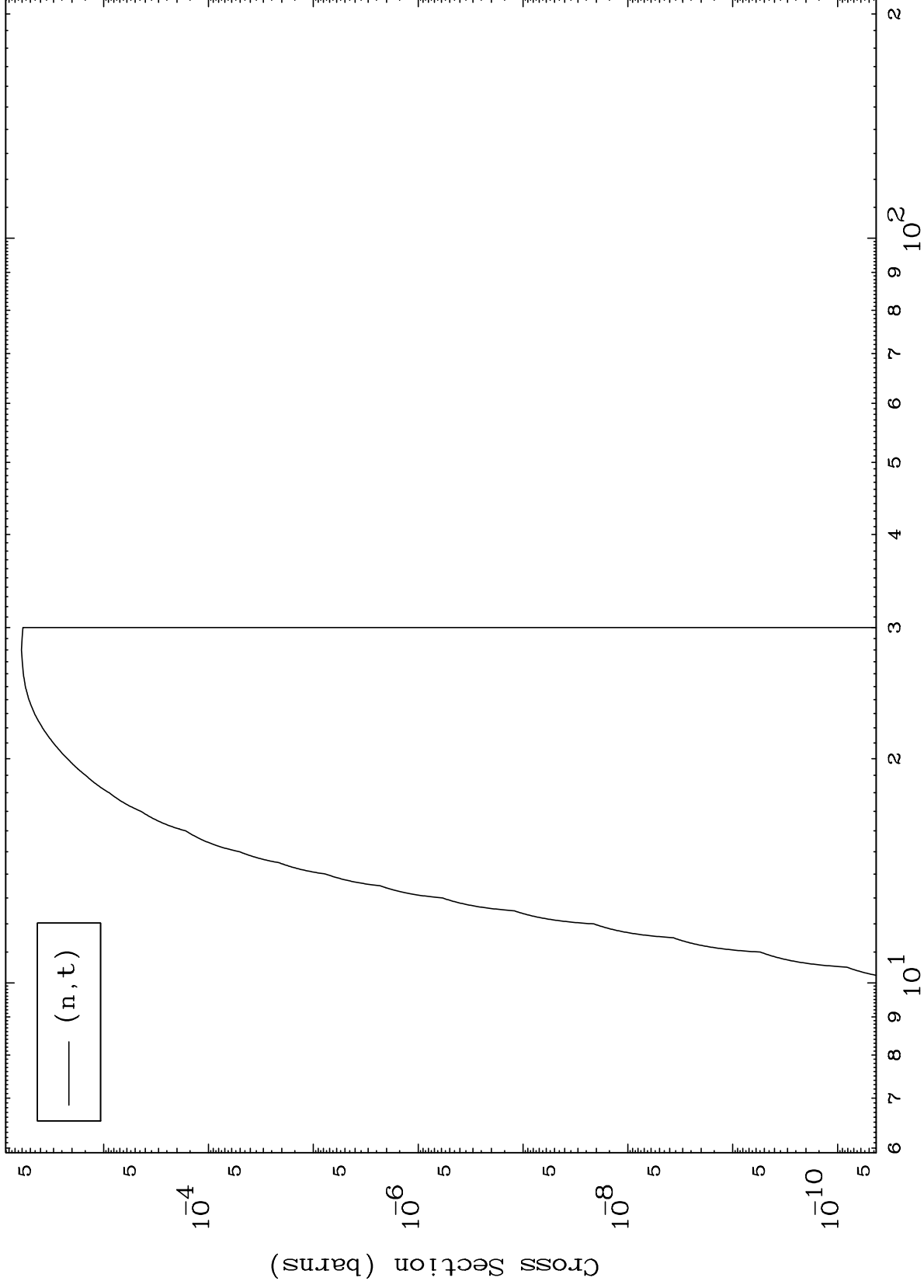
57-La-137



MAT 5722

(n,t) Levels  
293 Kelvin Cross Sections

57-La-137



12

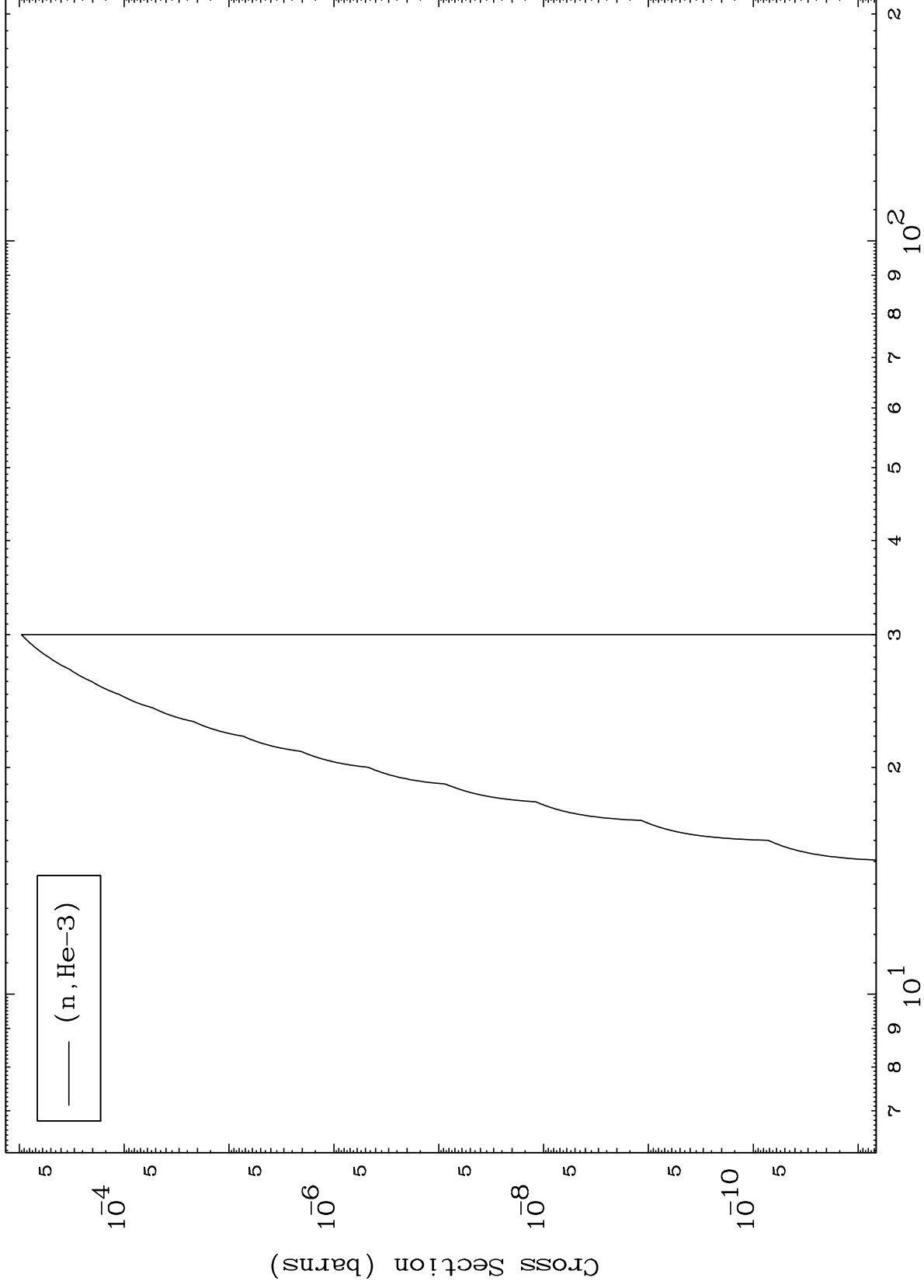
Incident Energy (MeV)

57-La-137

MAT 5722

(n,He3) Levels  
293 Kelvin Cross Sections

57-La-137



13

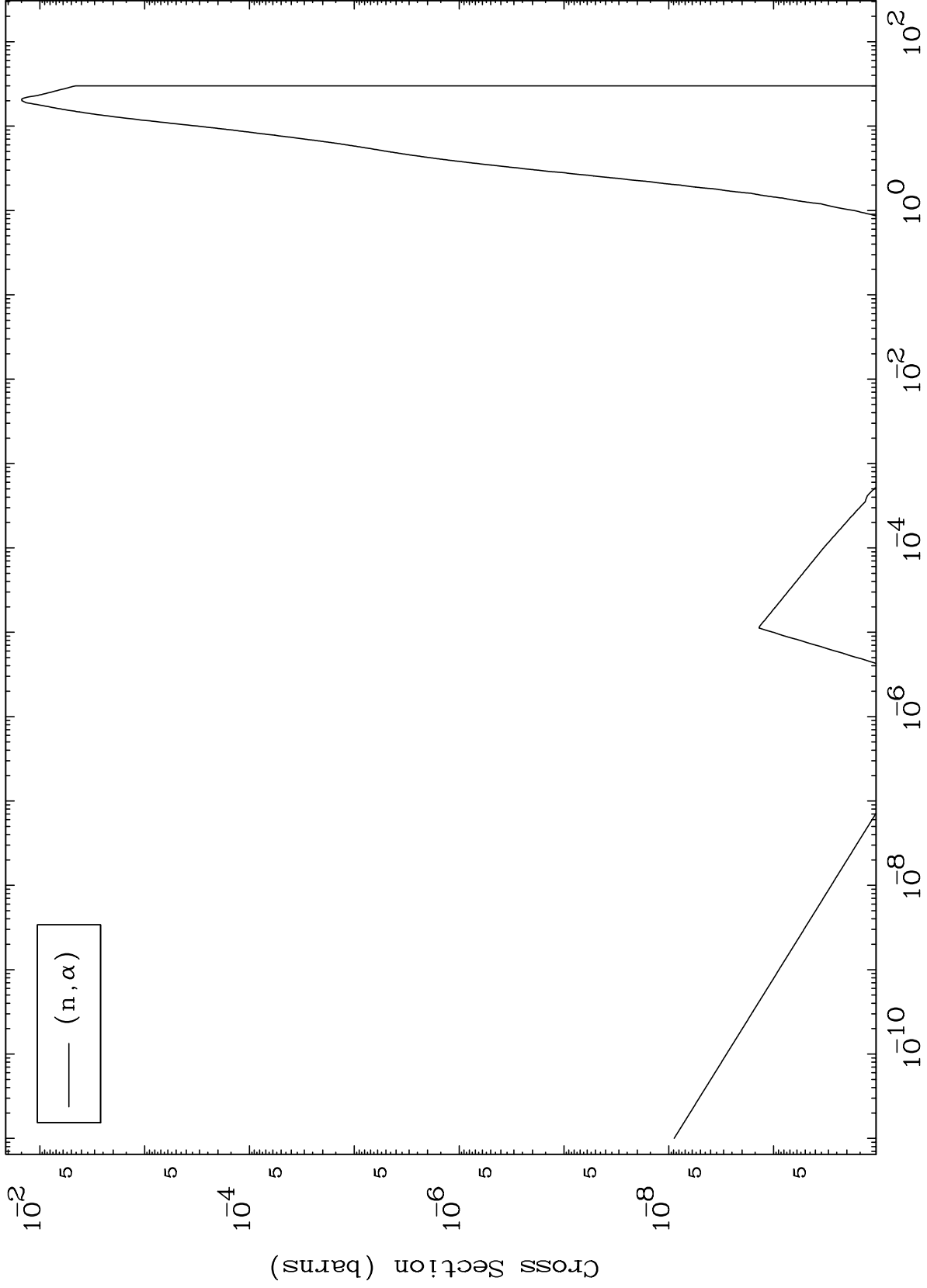
Incident Energy (MeV)

57-La-137

MAT 5722

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

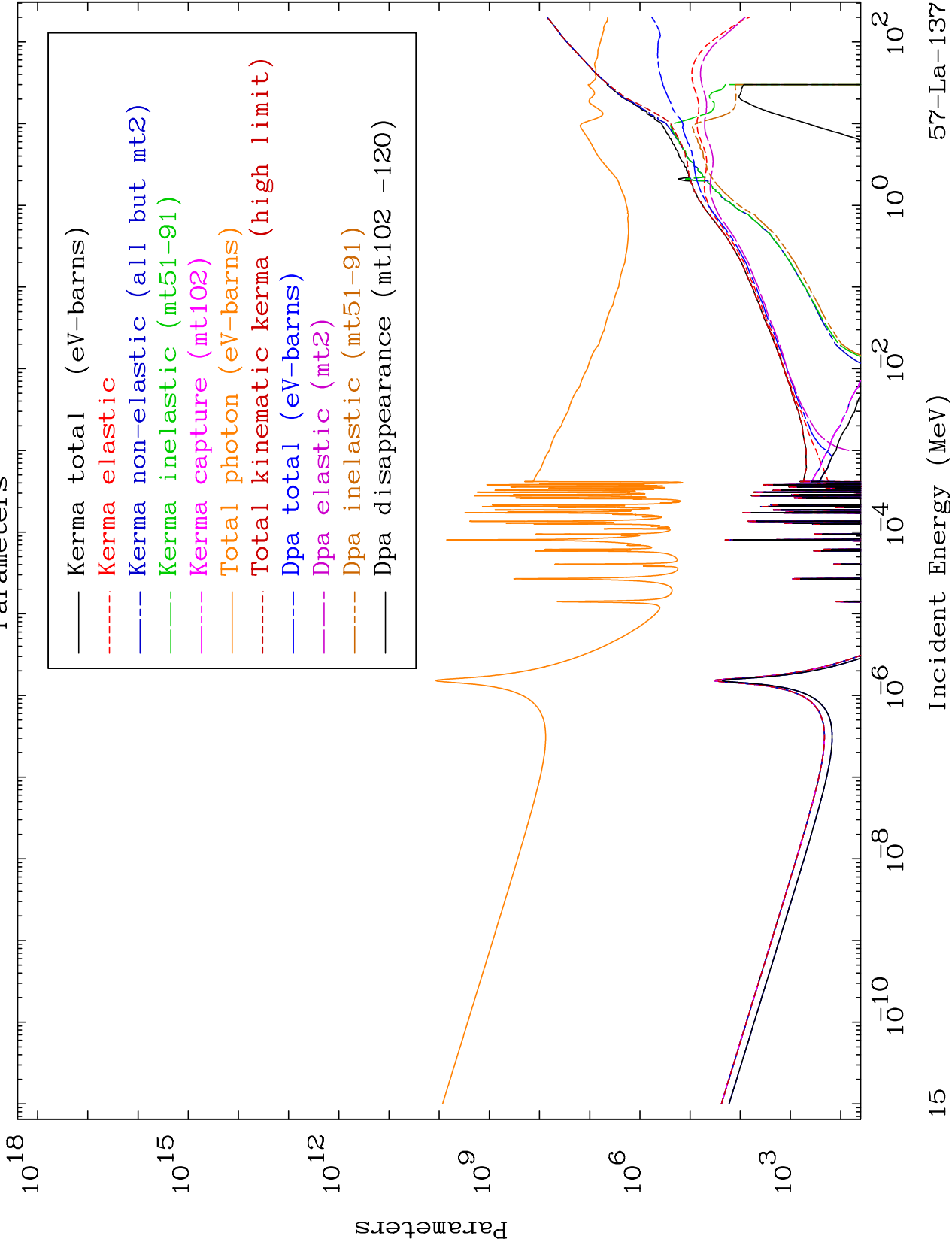
57-La-137



14

Incident Energy (MeV)

57-La-137

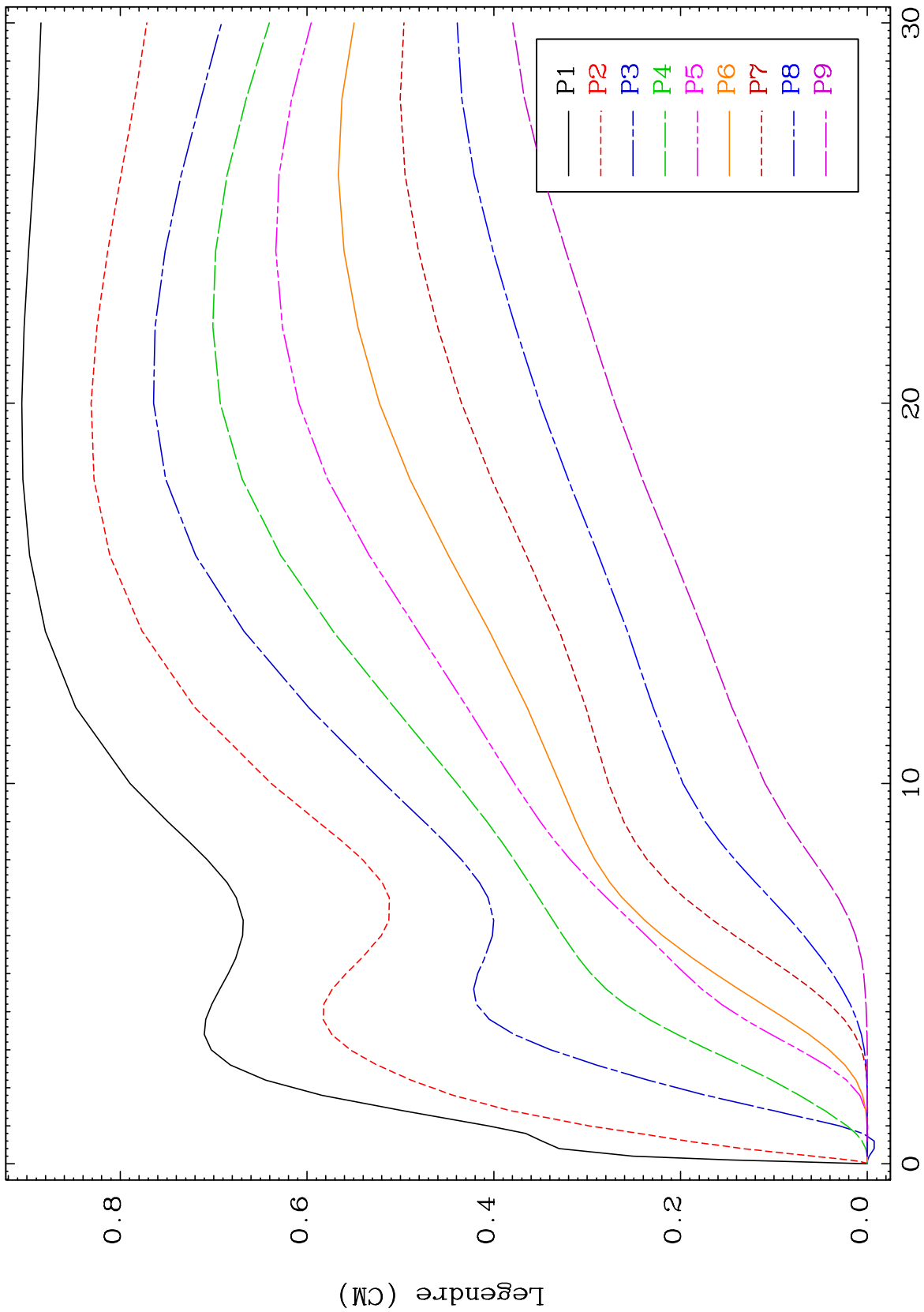




MAT 5722

57-La-137

Elastic Legendre Coefficients



57-La-137

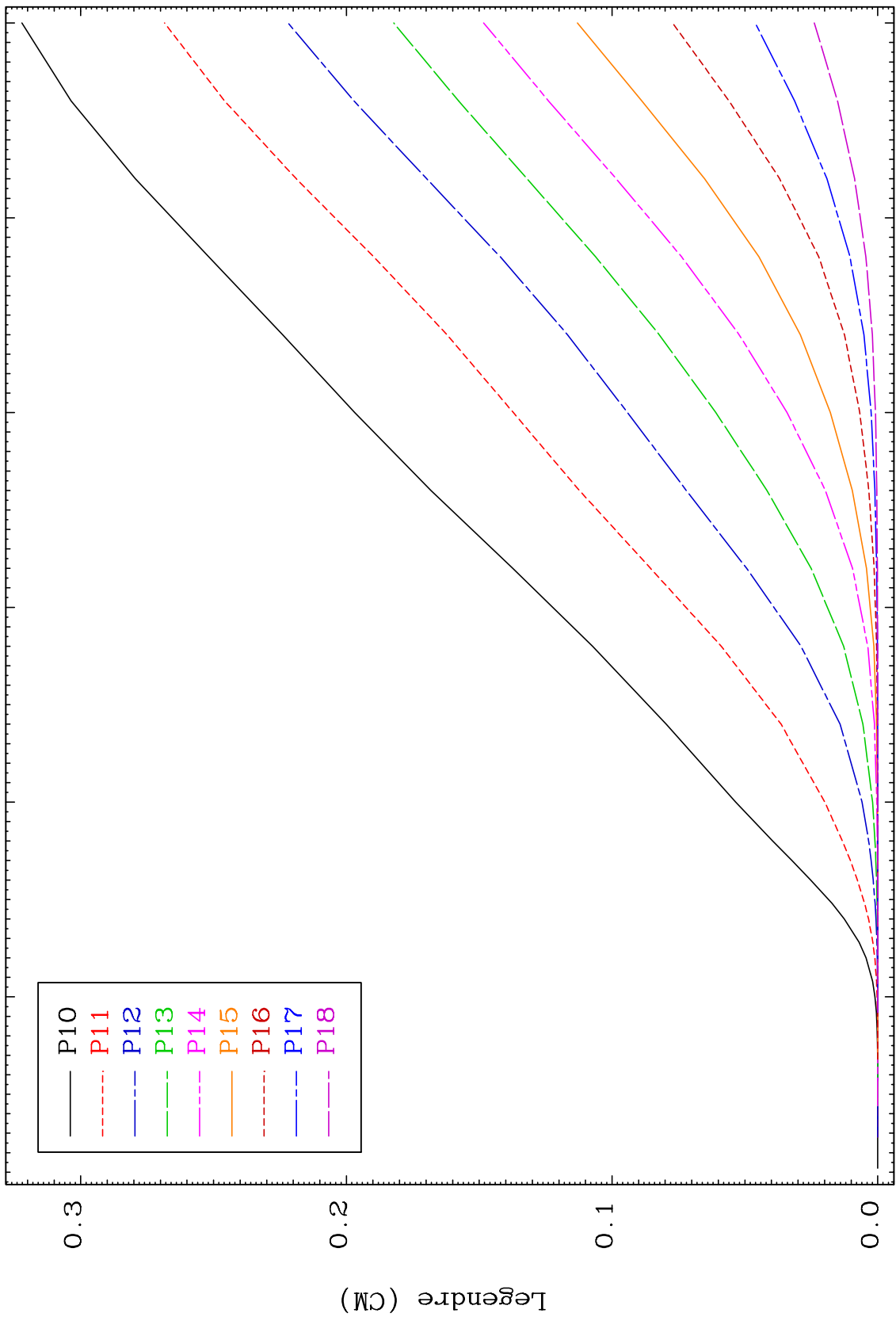
Incident Energy (MeV)

16

MAT 5722

Elastic Legendre Coefficients

57-La-137



17

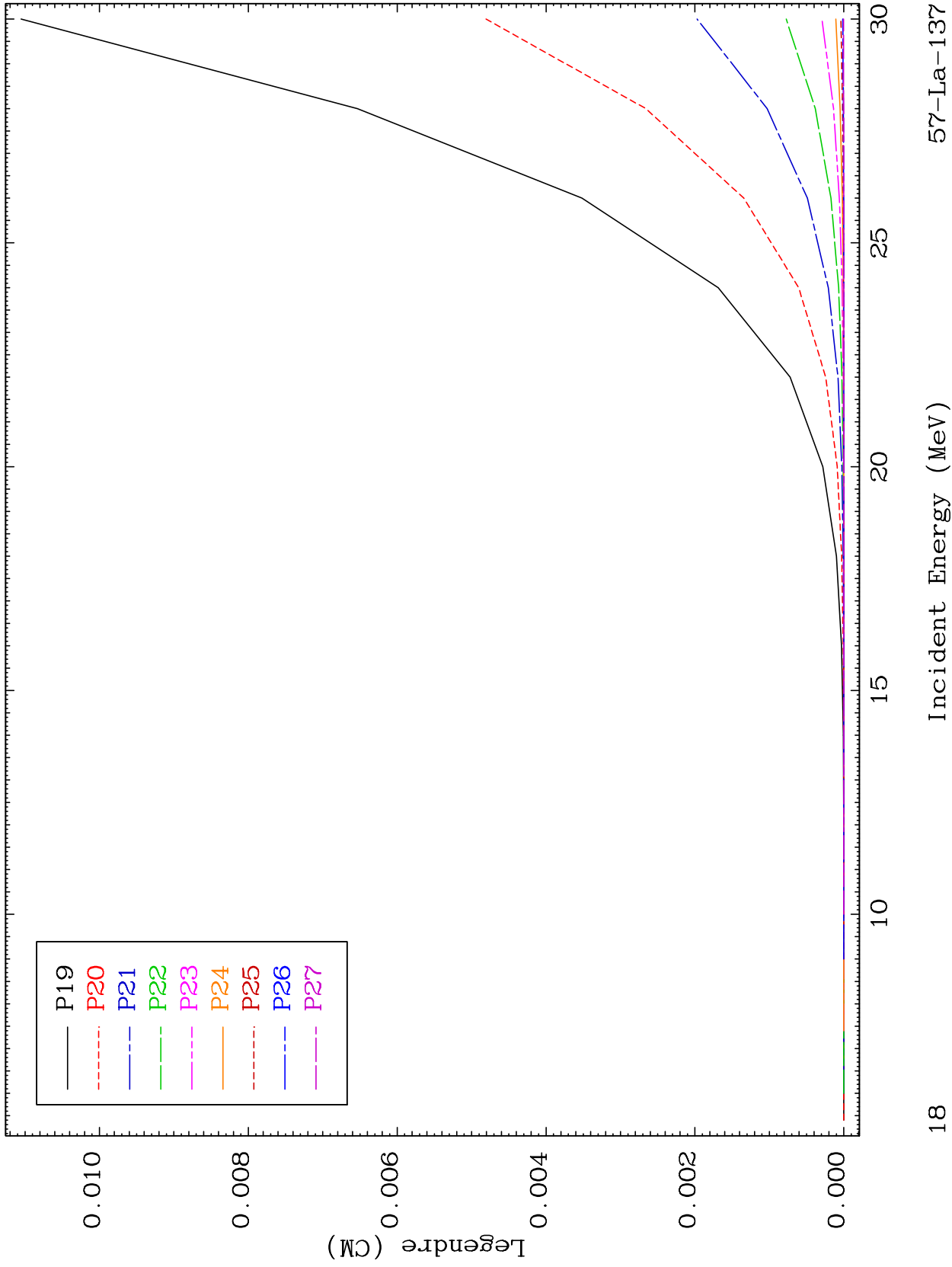
57-La-137

Incident Energy (MeV)

MAT 5722

### Elastic Legendre Coefficients

57-La-137



18

Incident Energy (MeV)

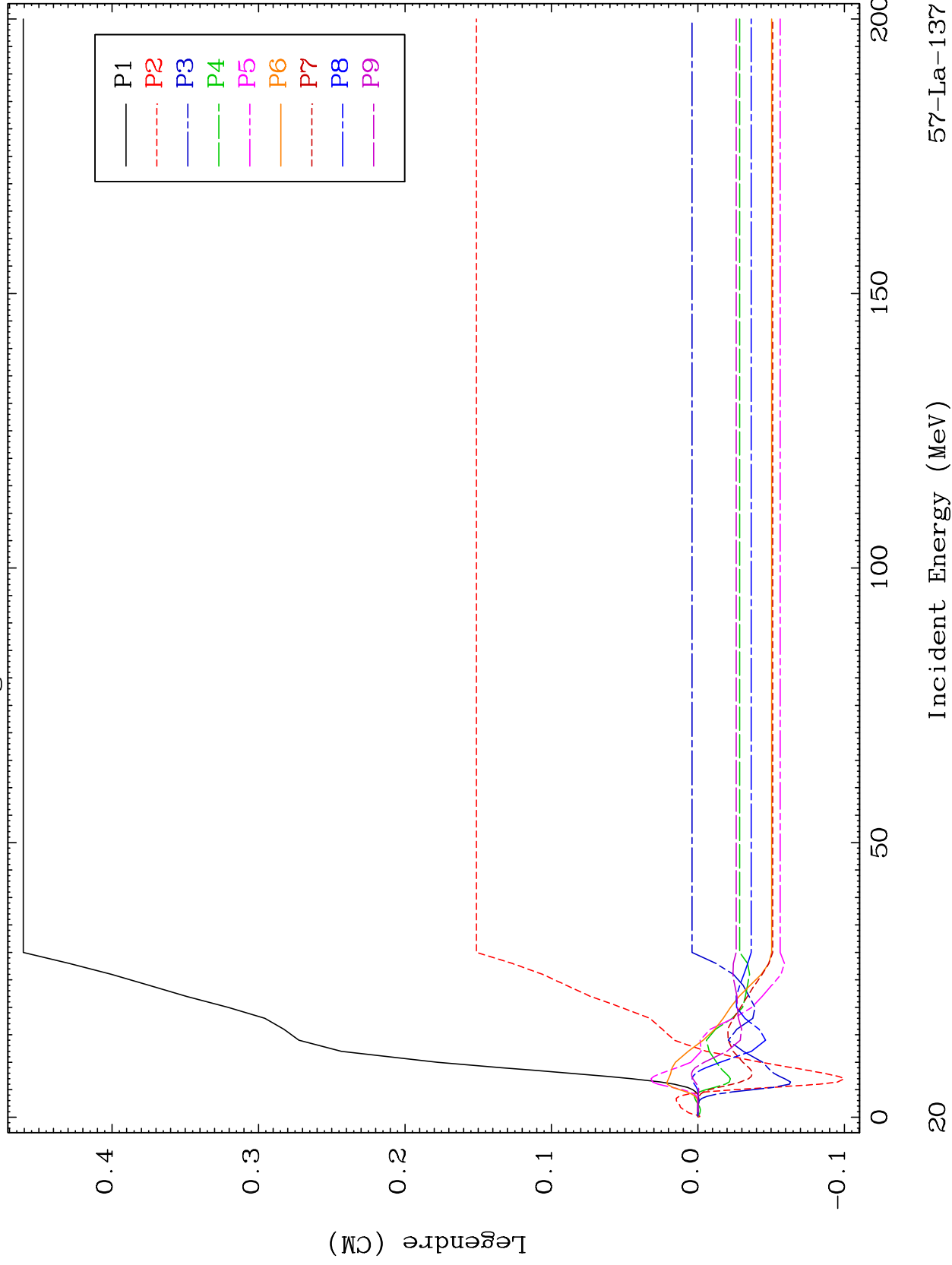
57-La-137



MAT 5722

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

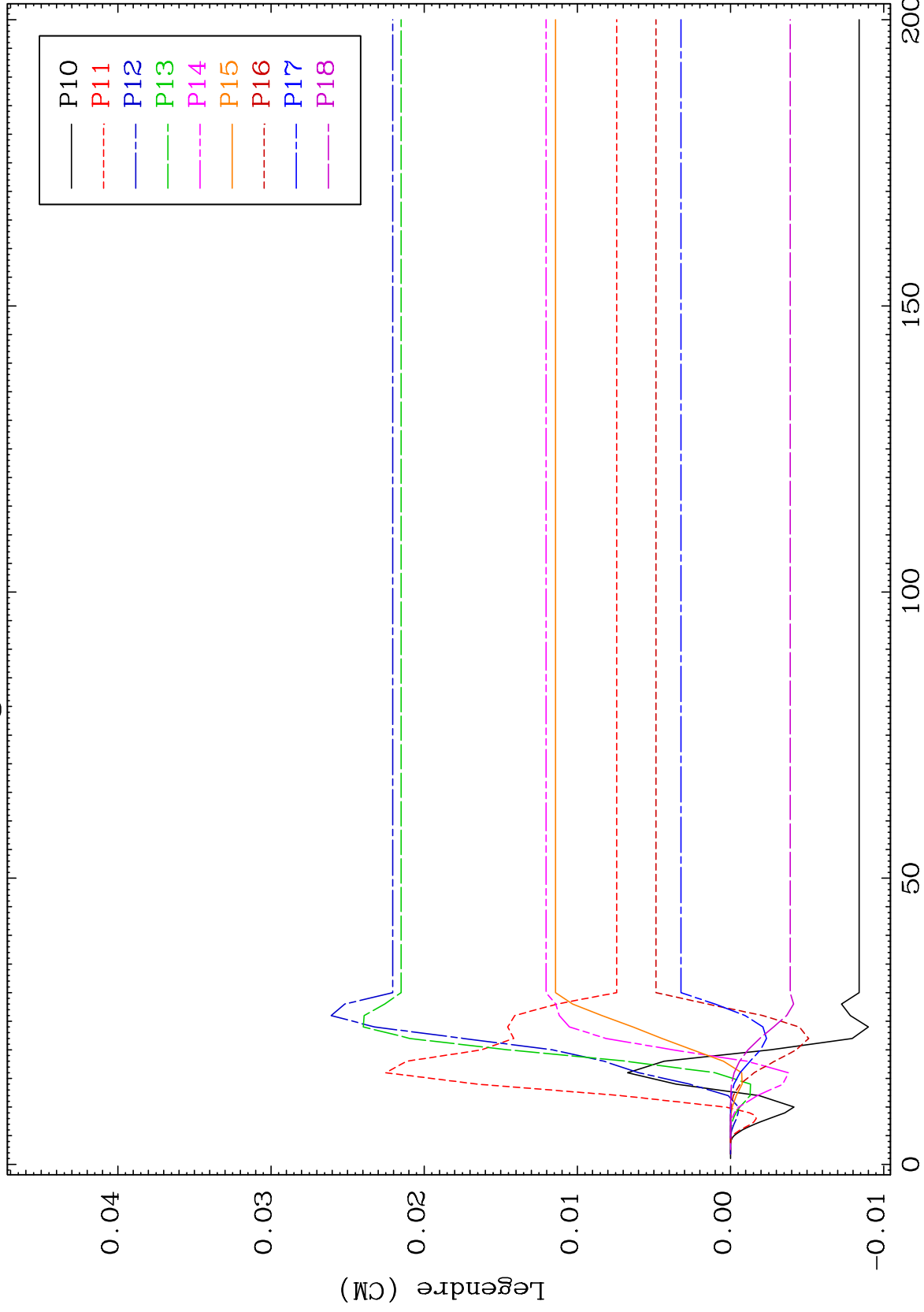
57-La-137



MAT 5722

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

57-La-137



21

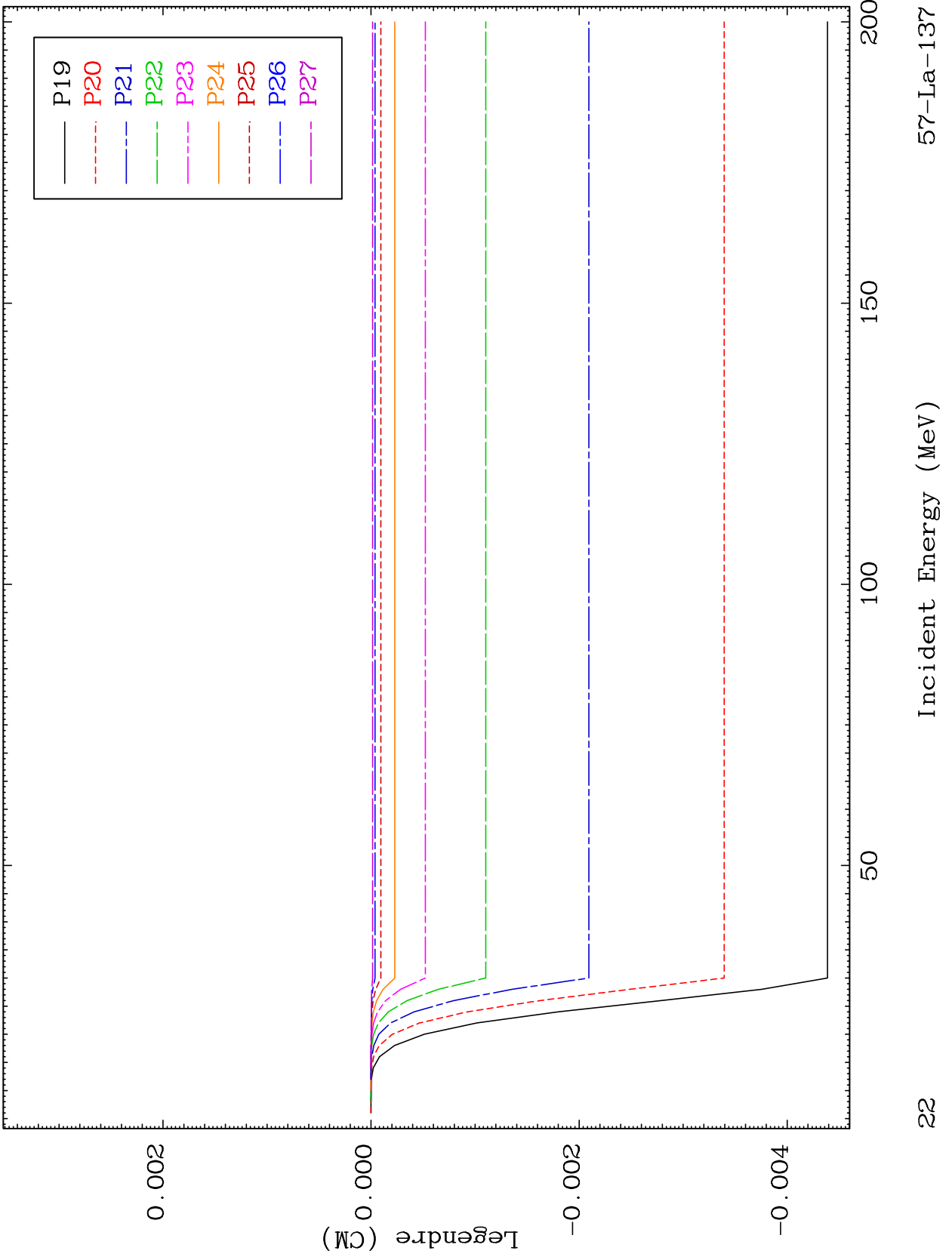
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



22

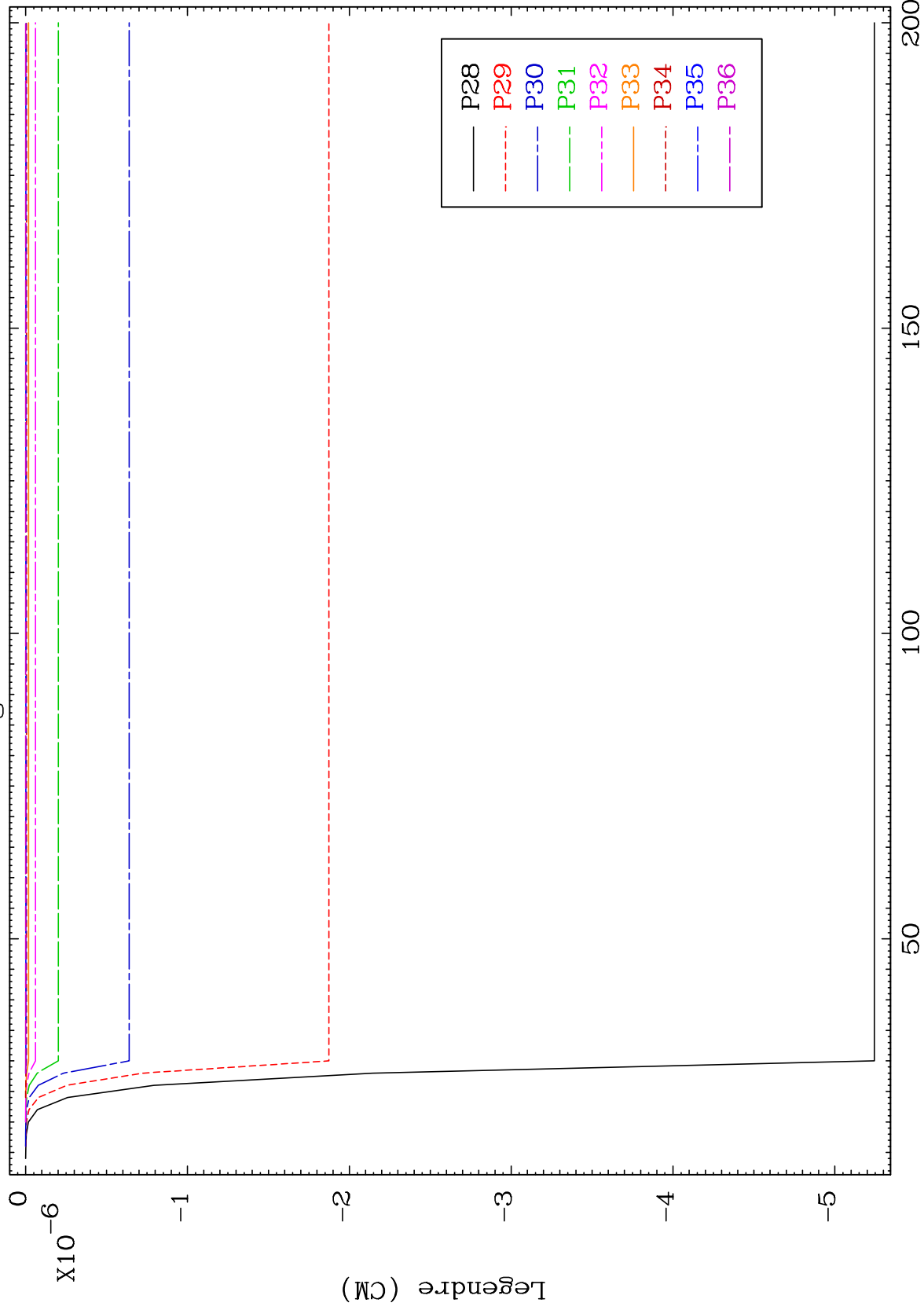
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137

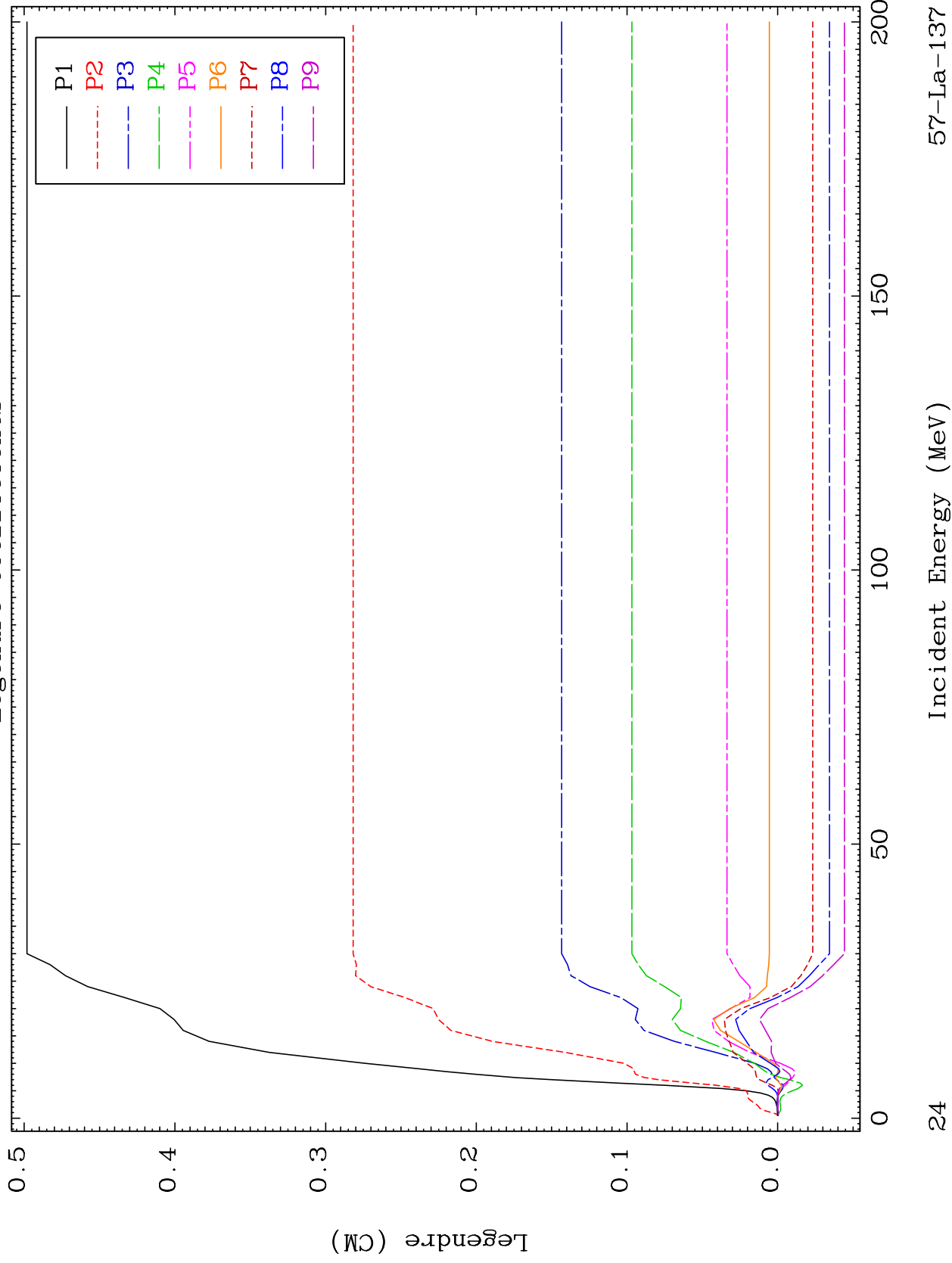




MAT 5722

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

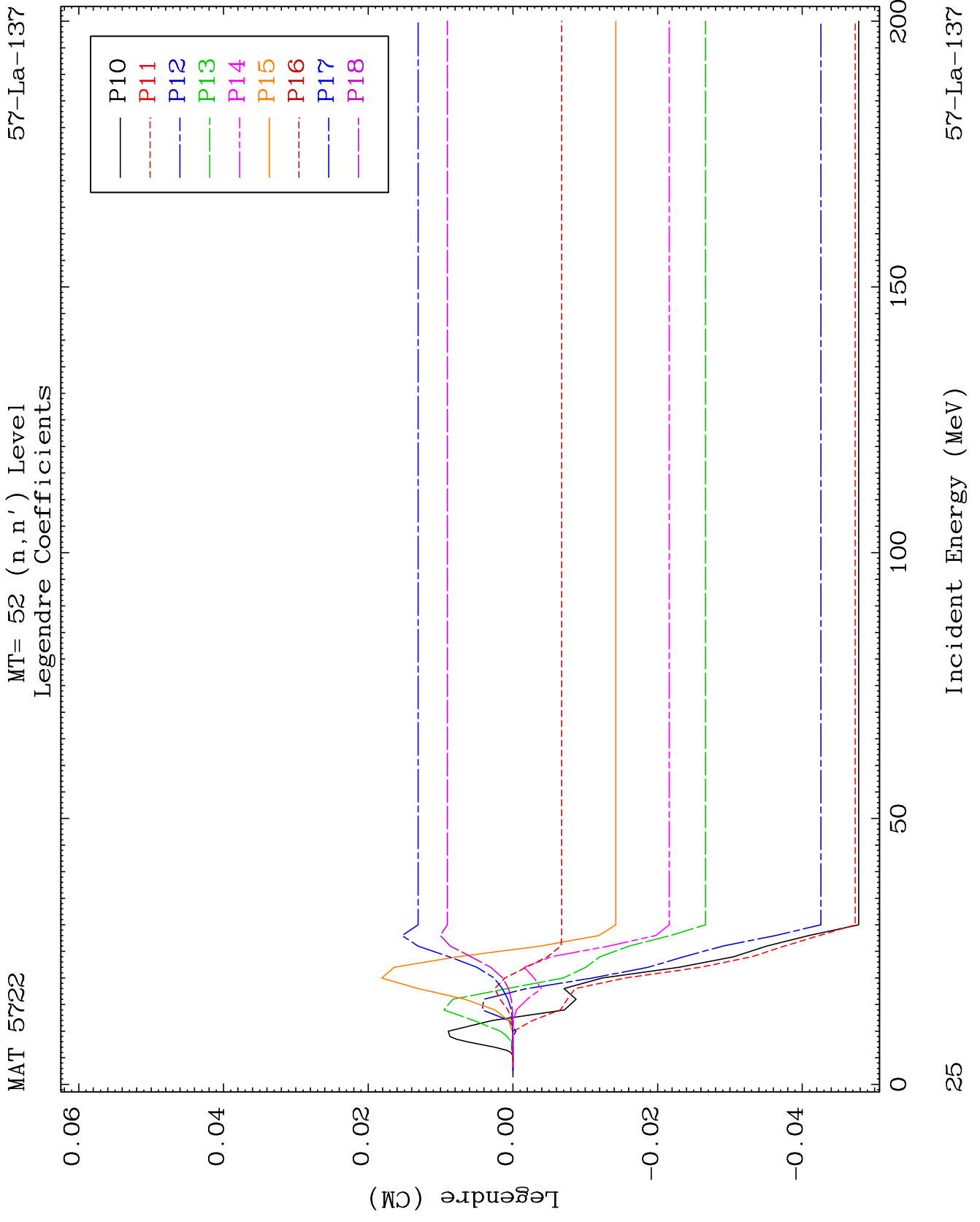
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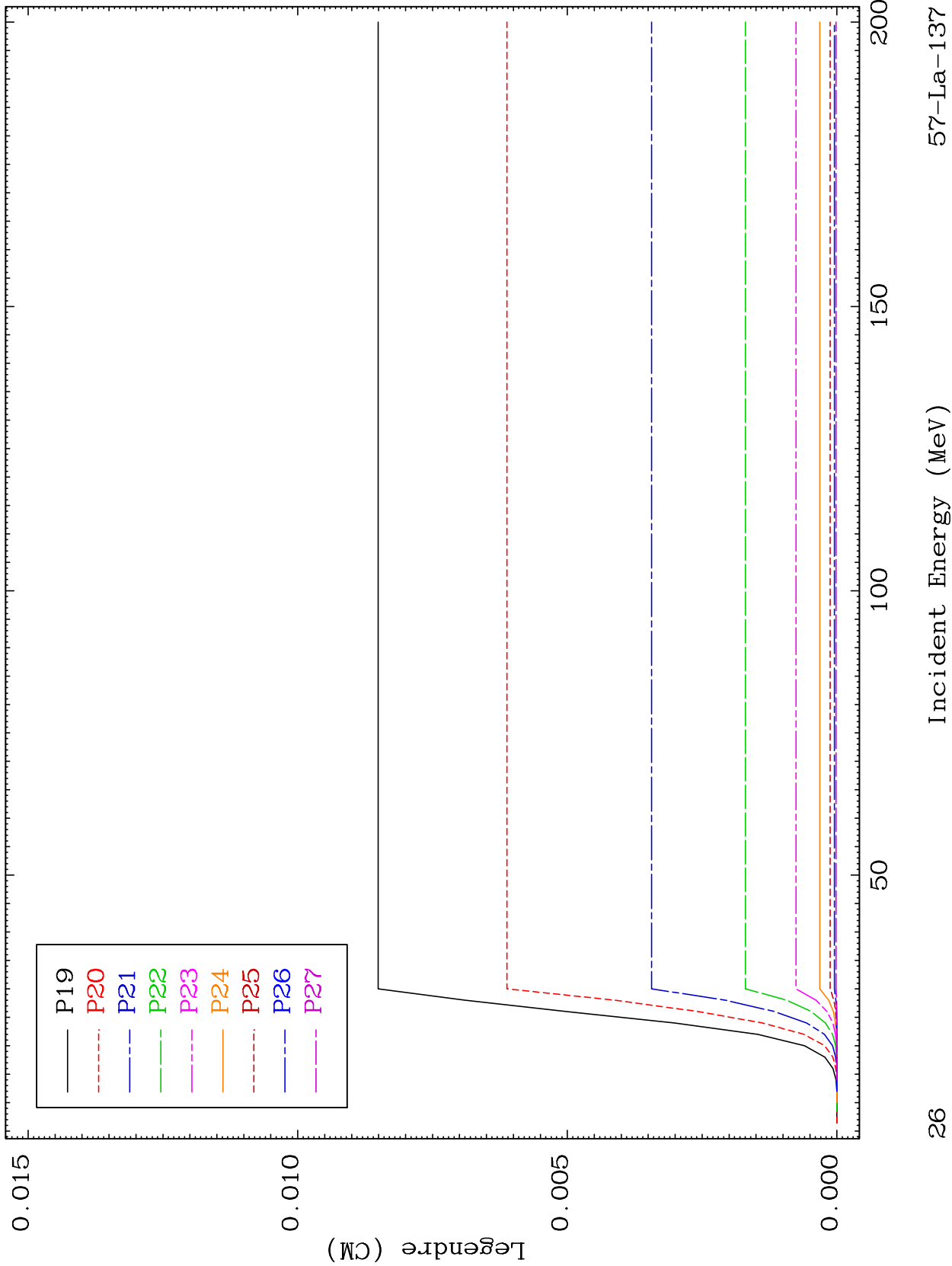


57-La-137

Incident Energy (MeV)

24

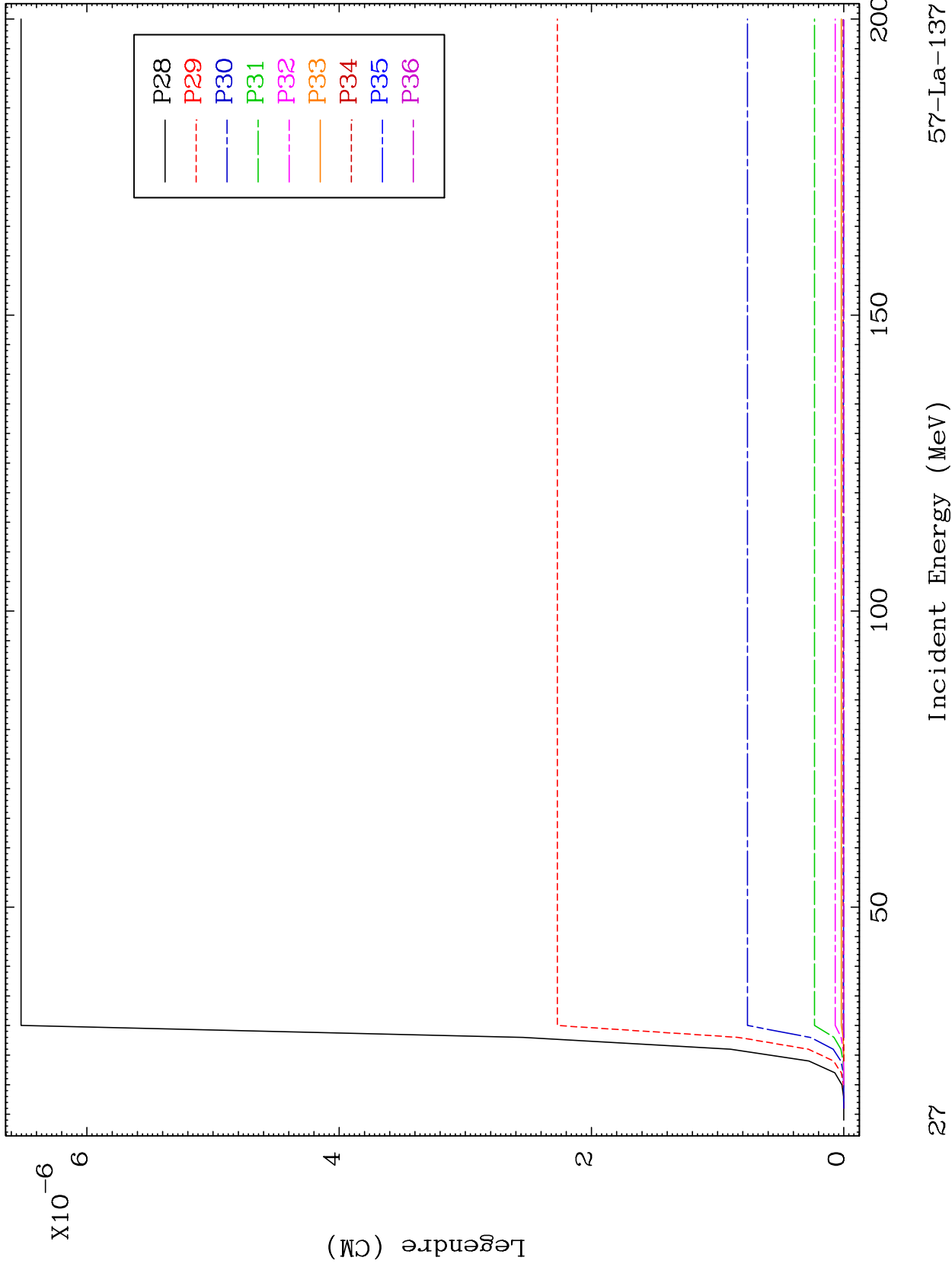




MAT 5722

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

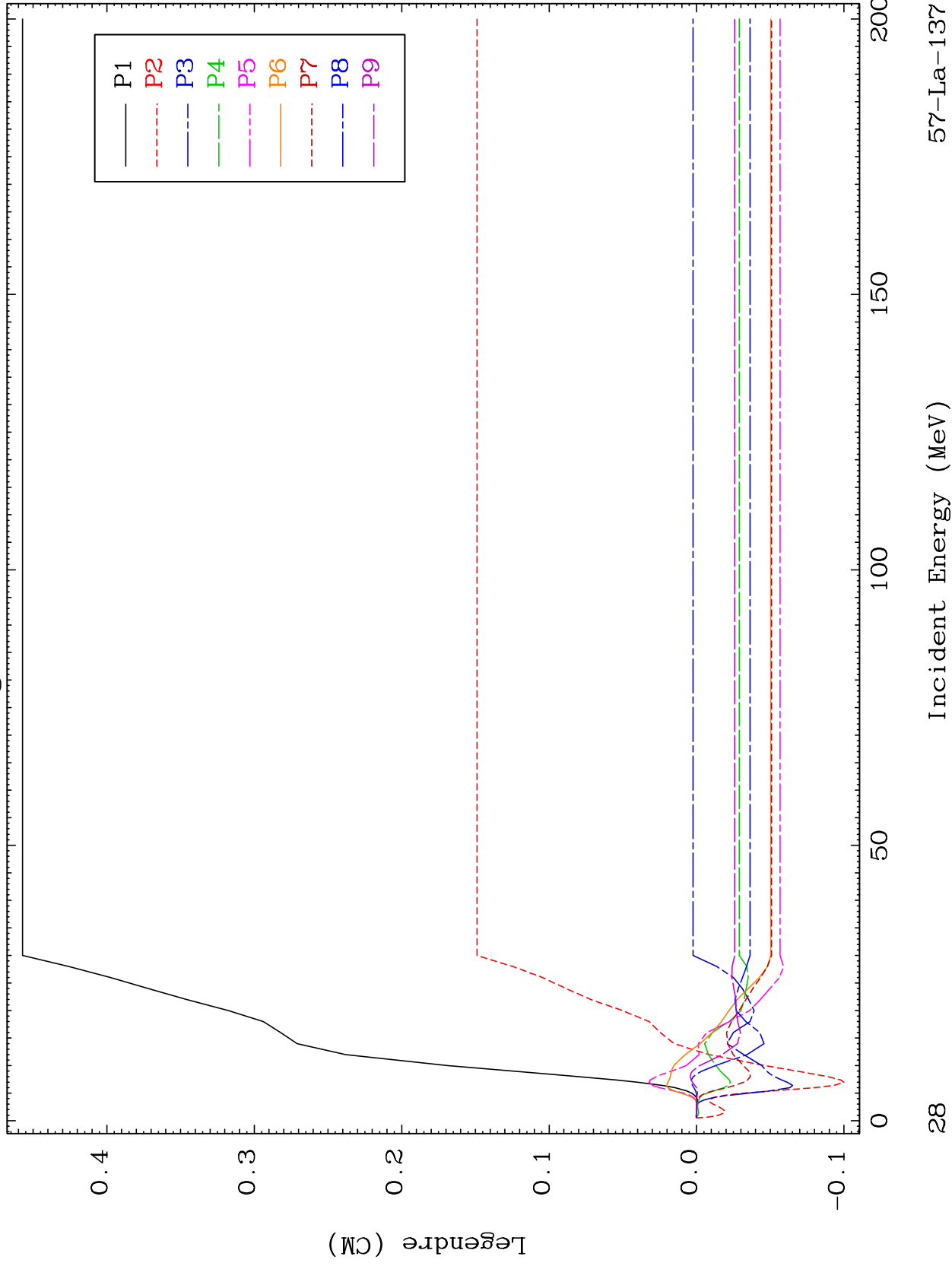
57-La-137



MAT 5722

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

57-La-137



57-La-137

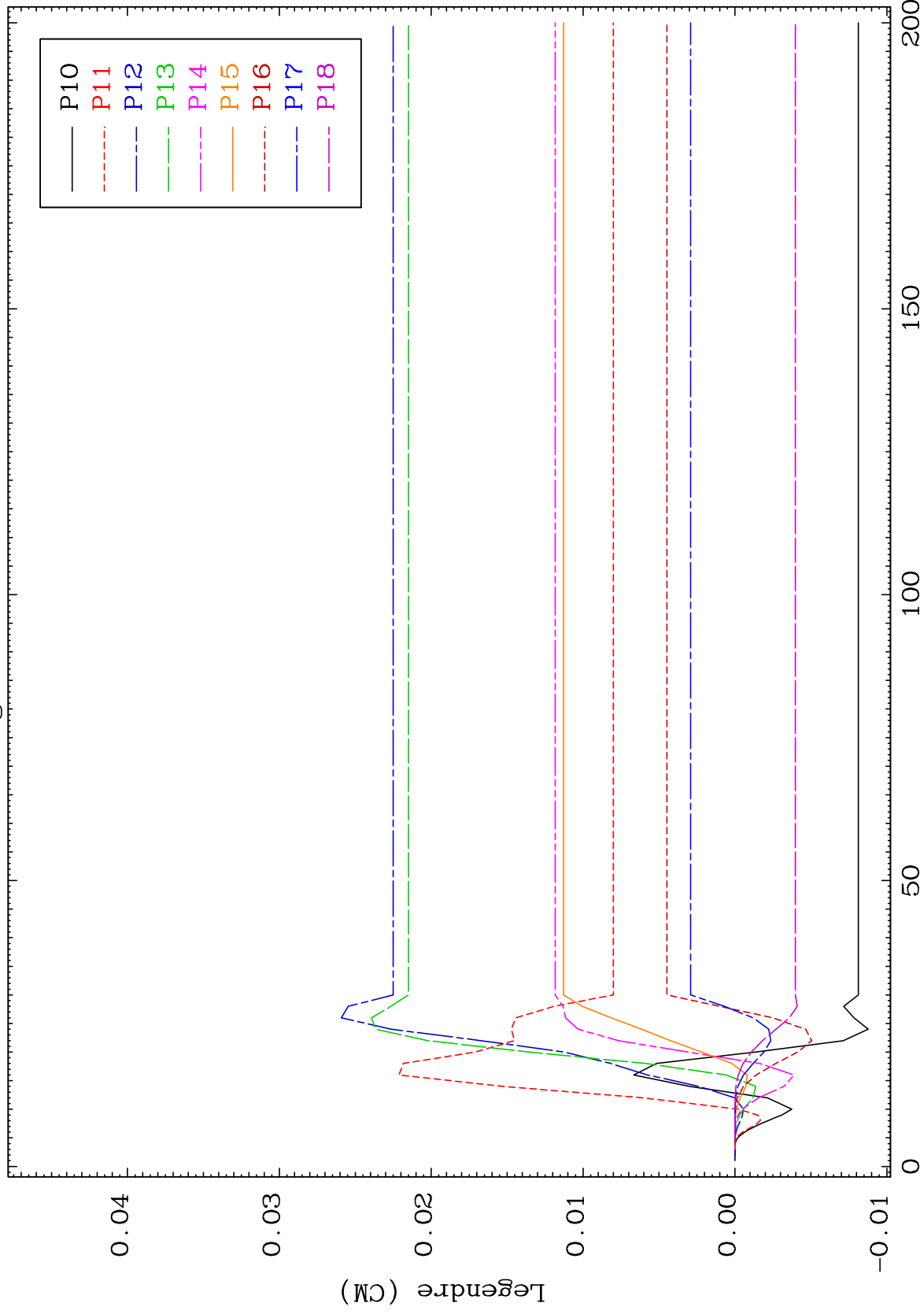
Incident Energy (MeV)

28

MAT 5722

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

57-La-137



29

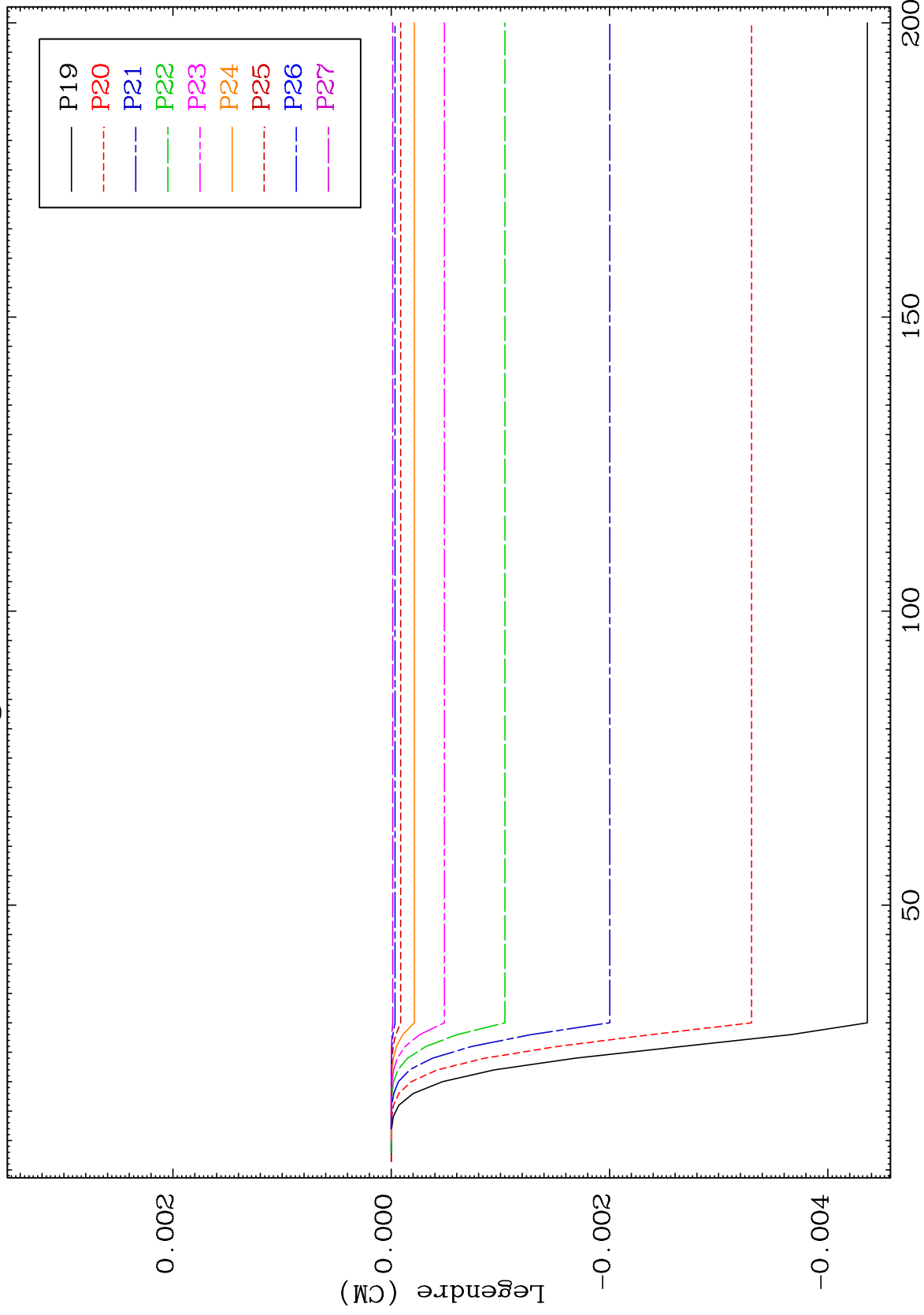
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



30

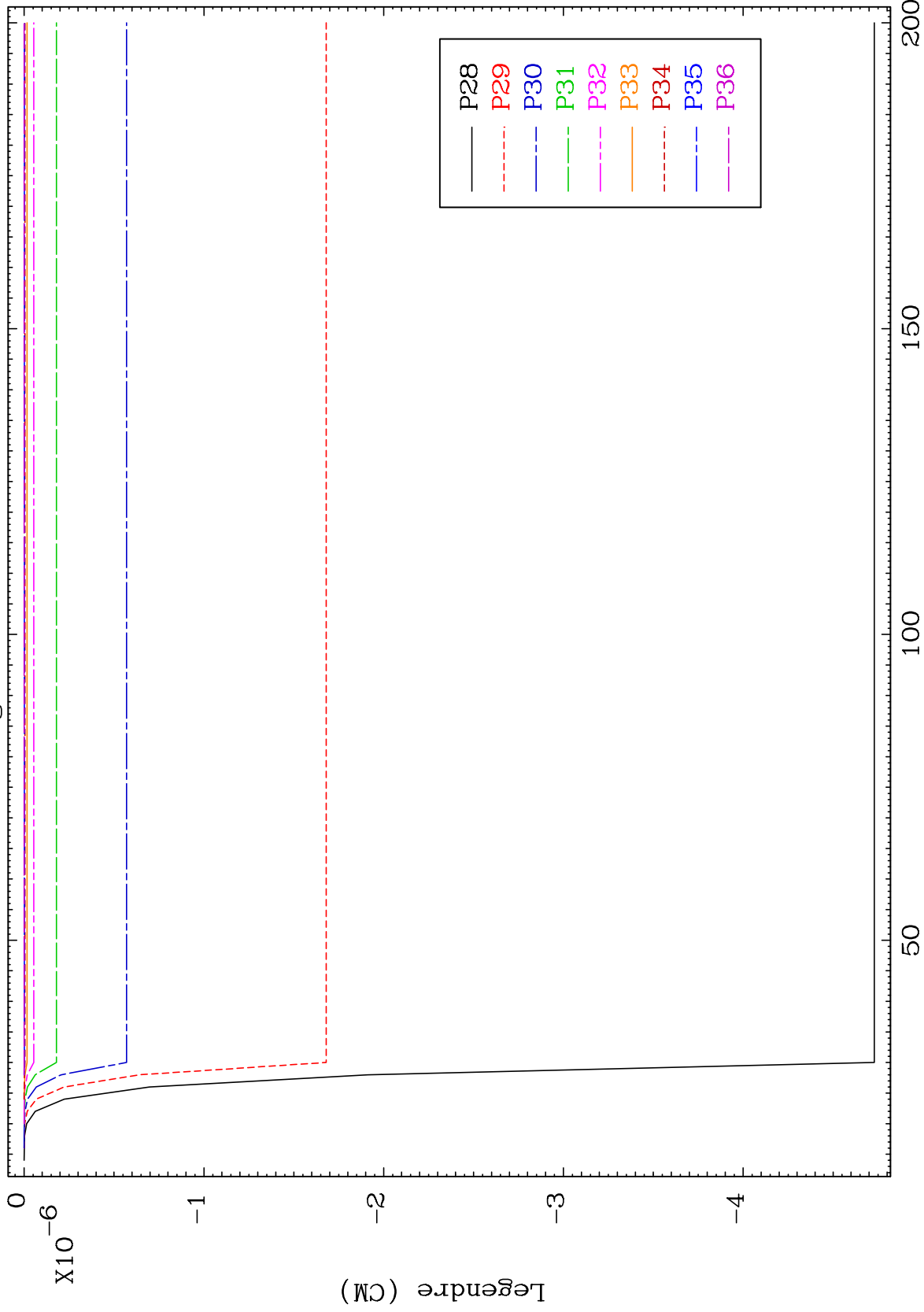
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



31

Incident Energy (MeV)

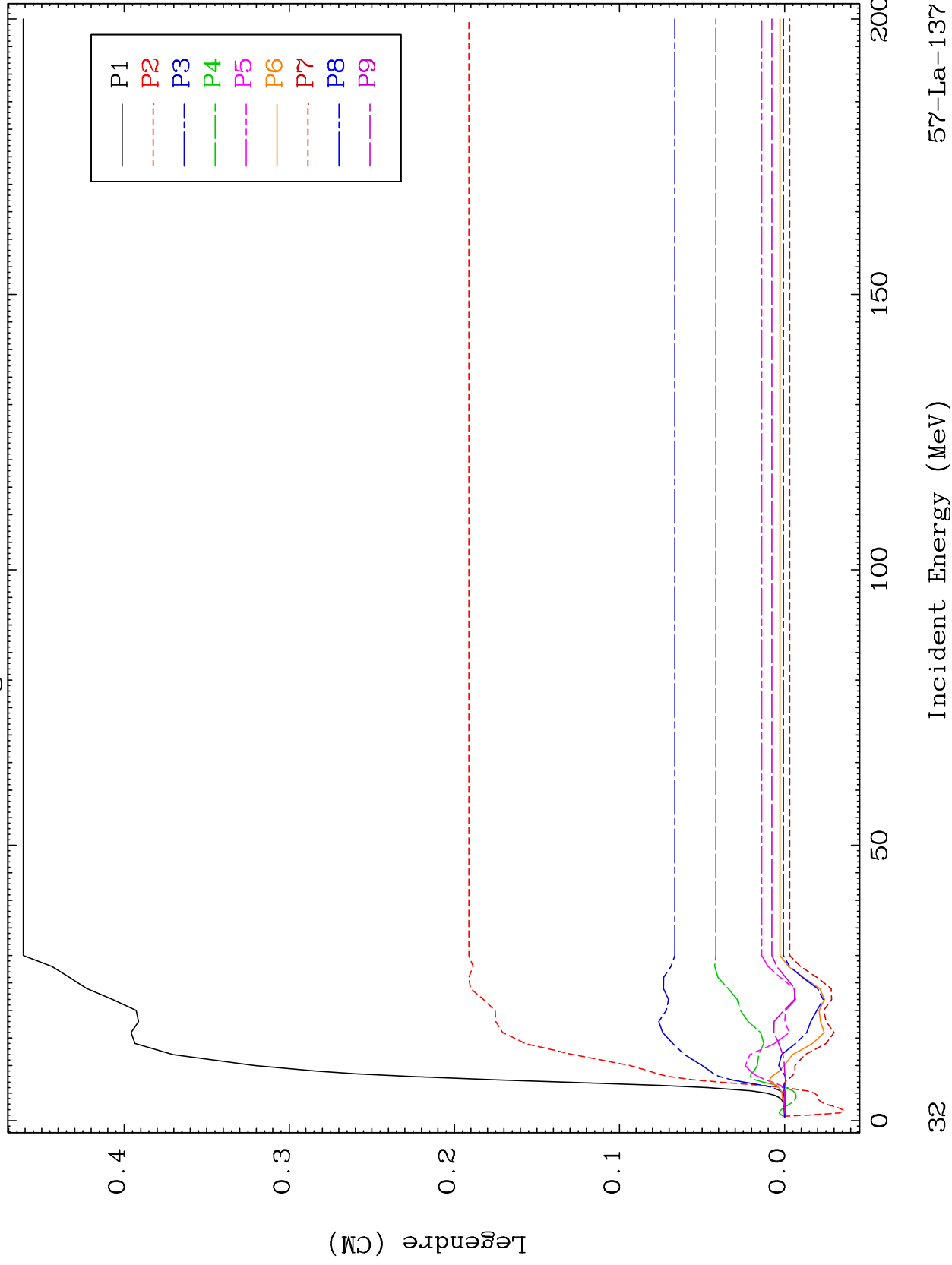
57-La-137



MAT 5722

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

57-La-137



57-La-137

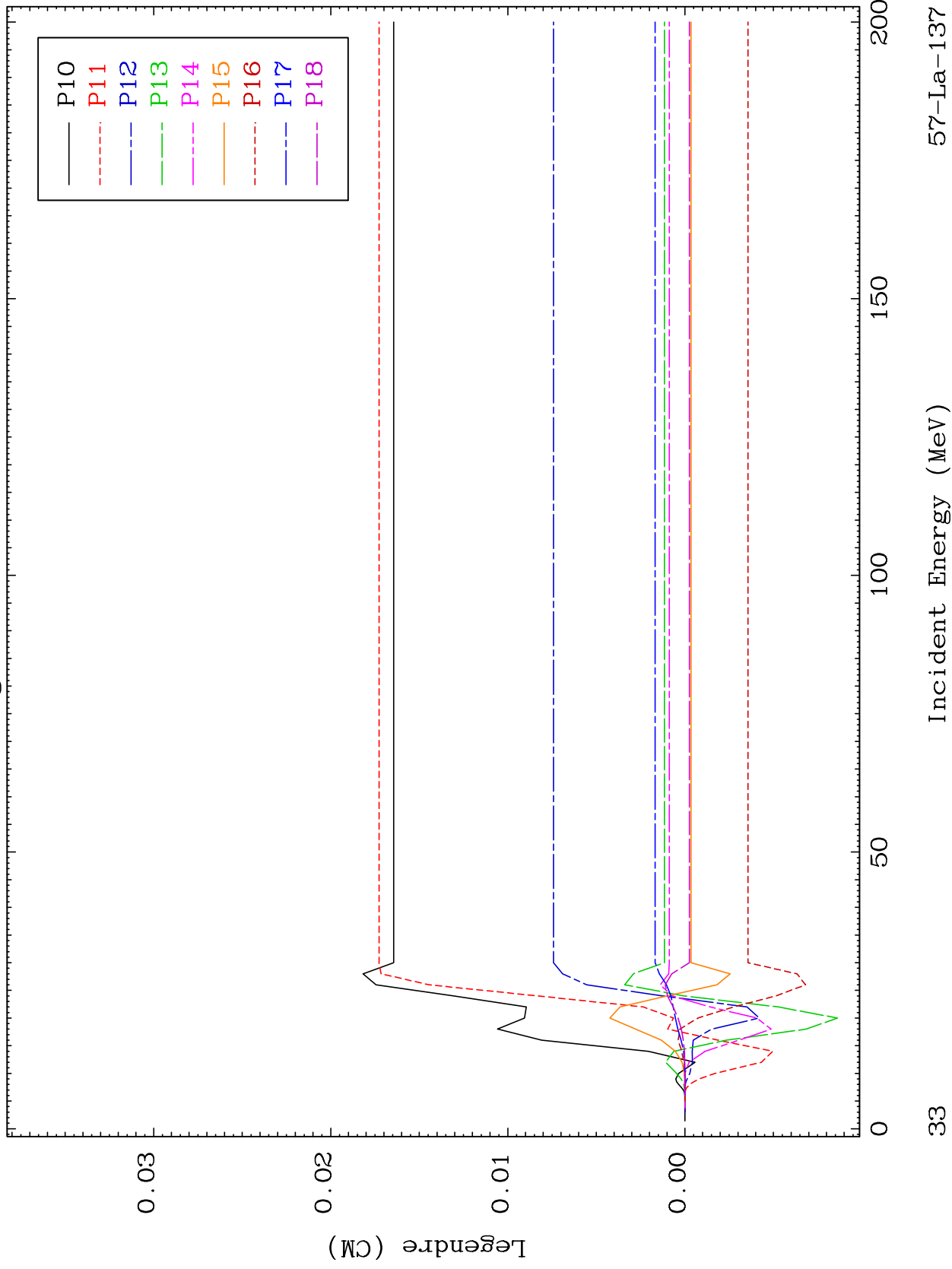
Incident Energy (MeV)

32

MAT 5722

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

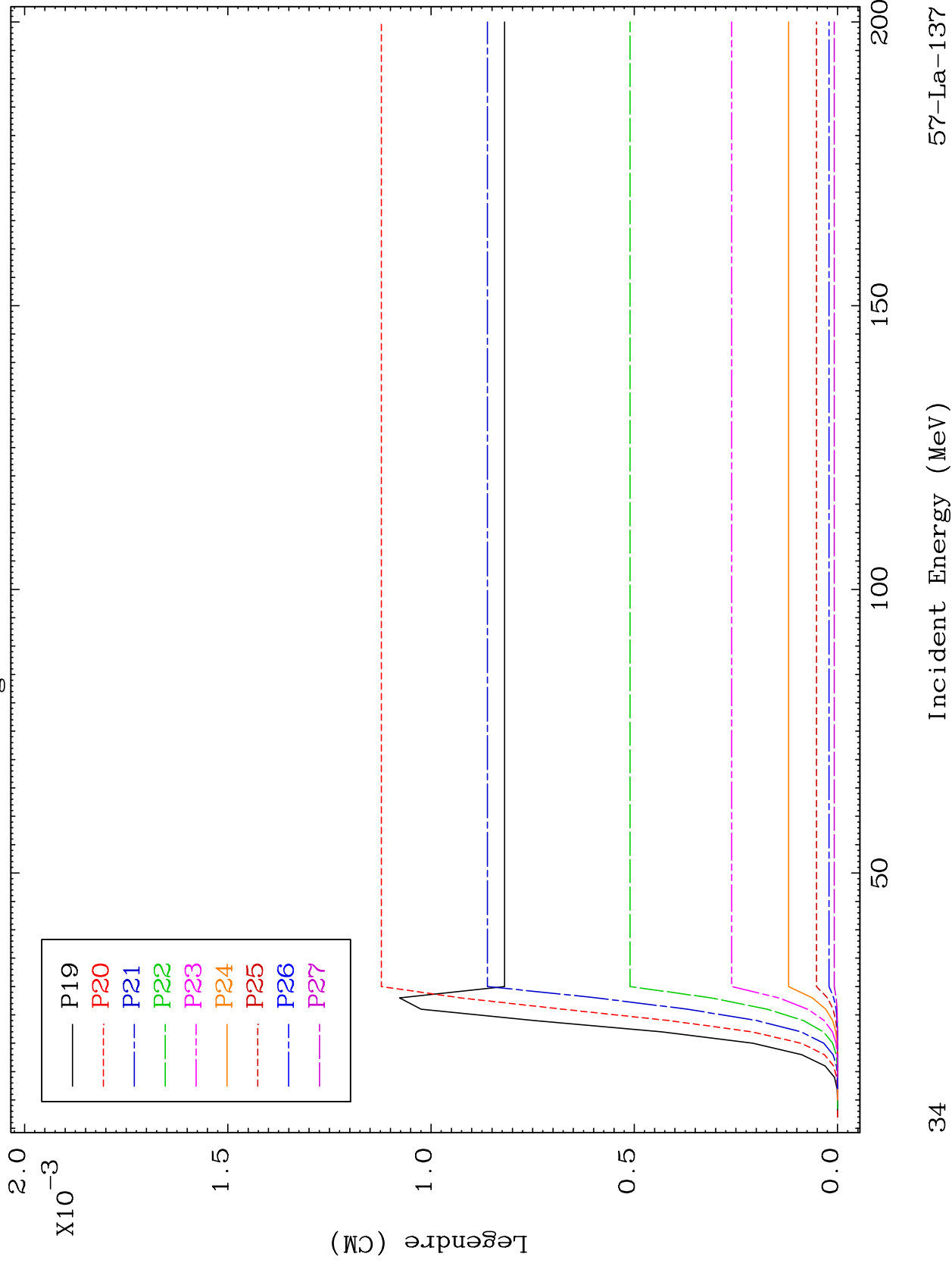
57-La-137



33

Incident Energy (MeV)

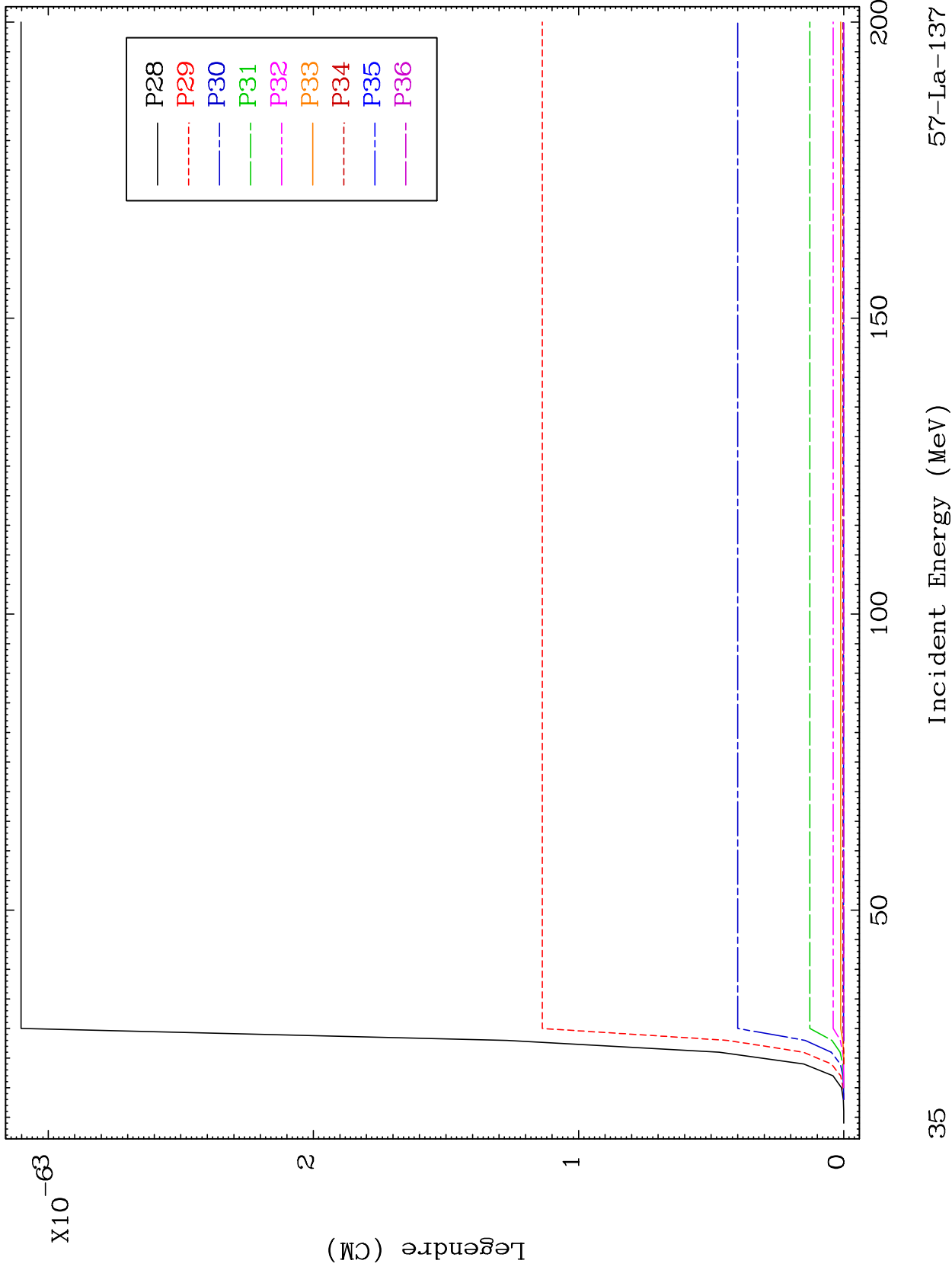
57-La-137



MAT 5722

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

57-La-137



35

Incident Energy (MeV)

50

100

150

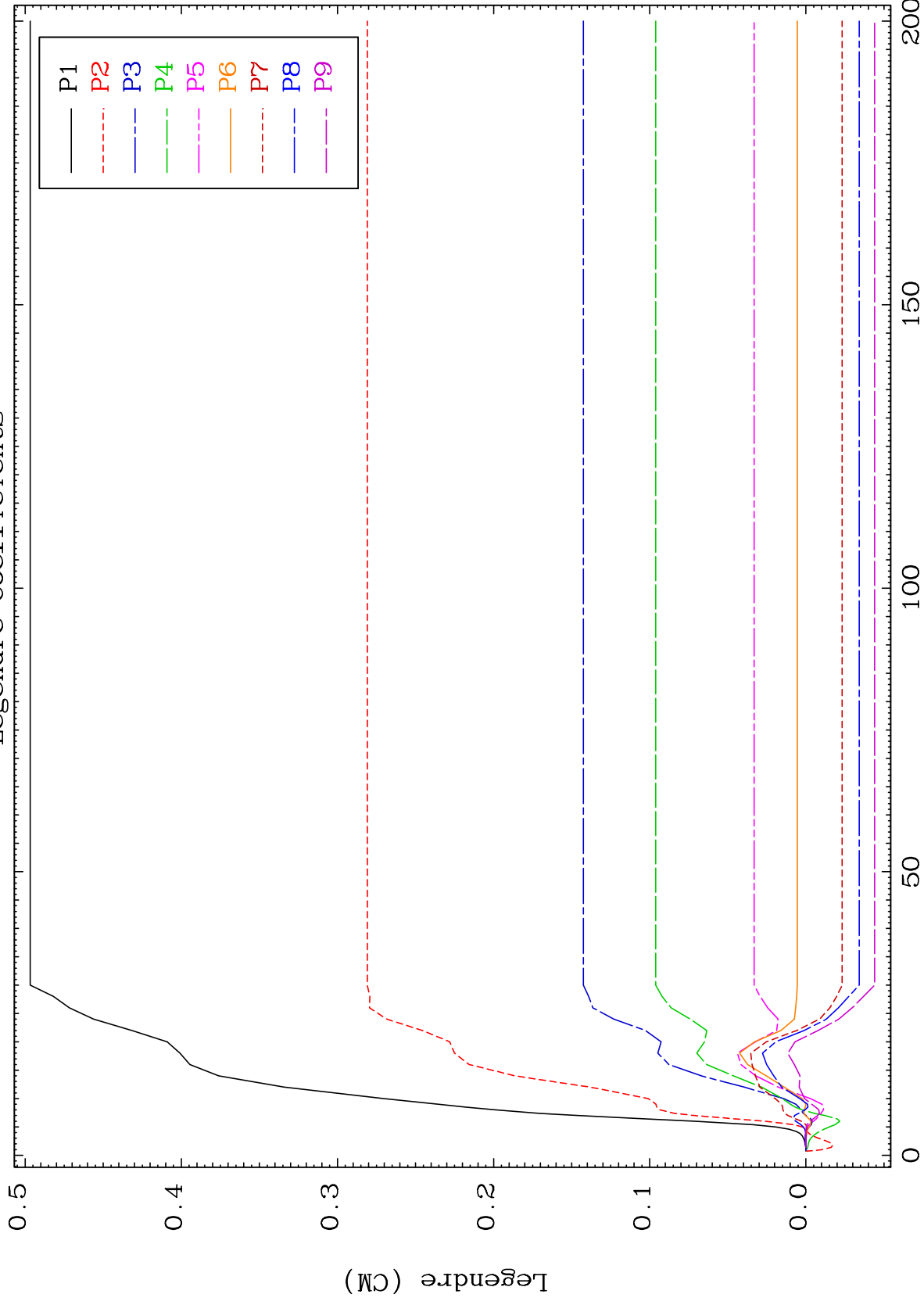
200

57-La-137

MAT 5722

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

57-La-137



36

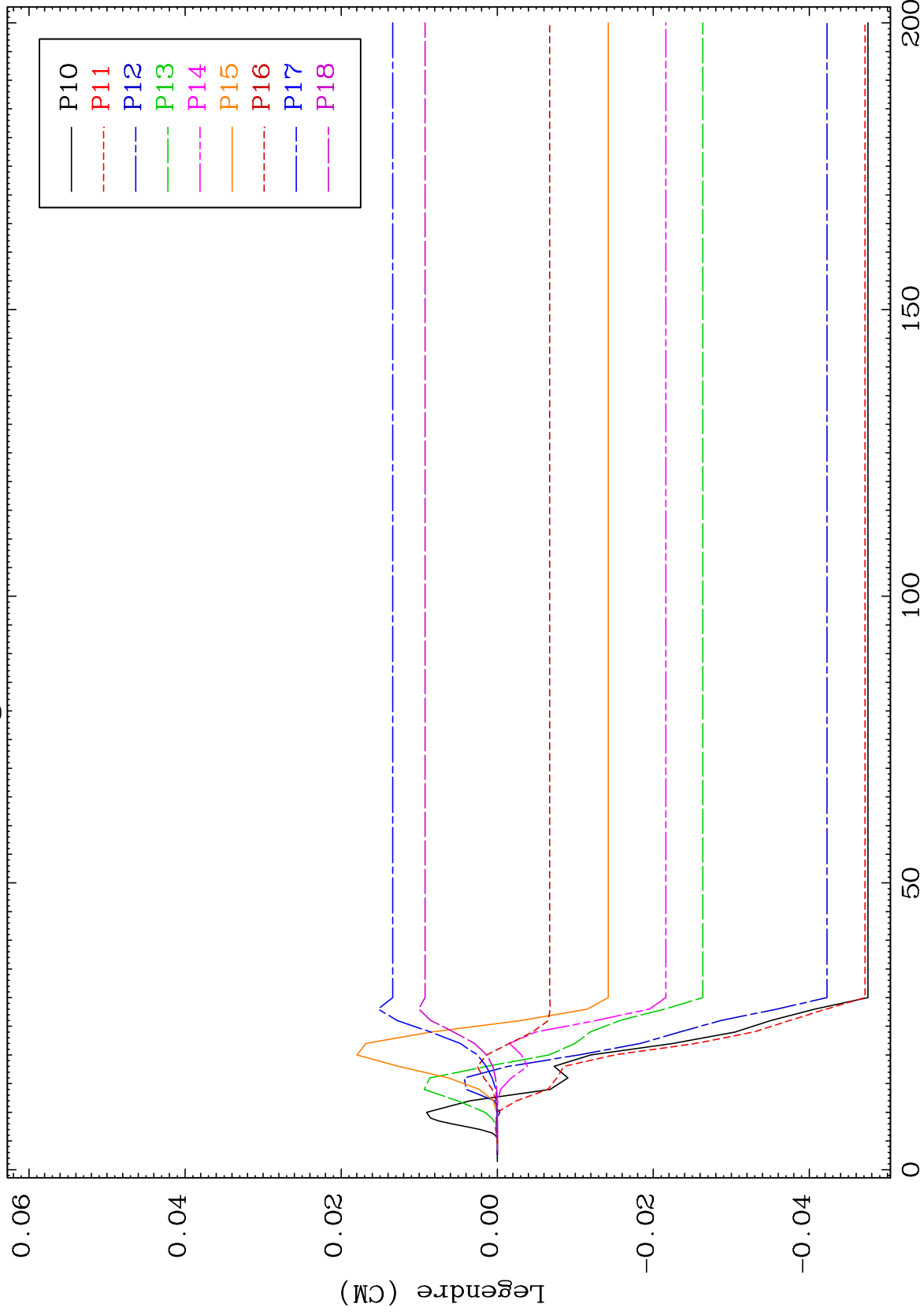
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



37

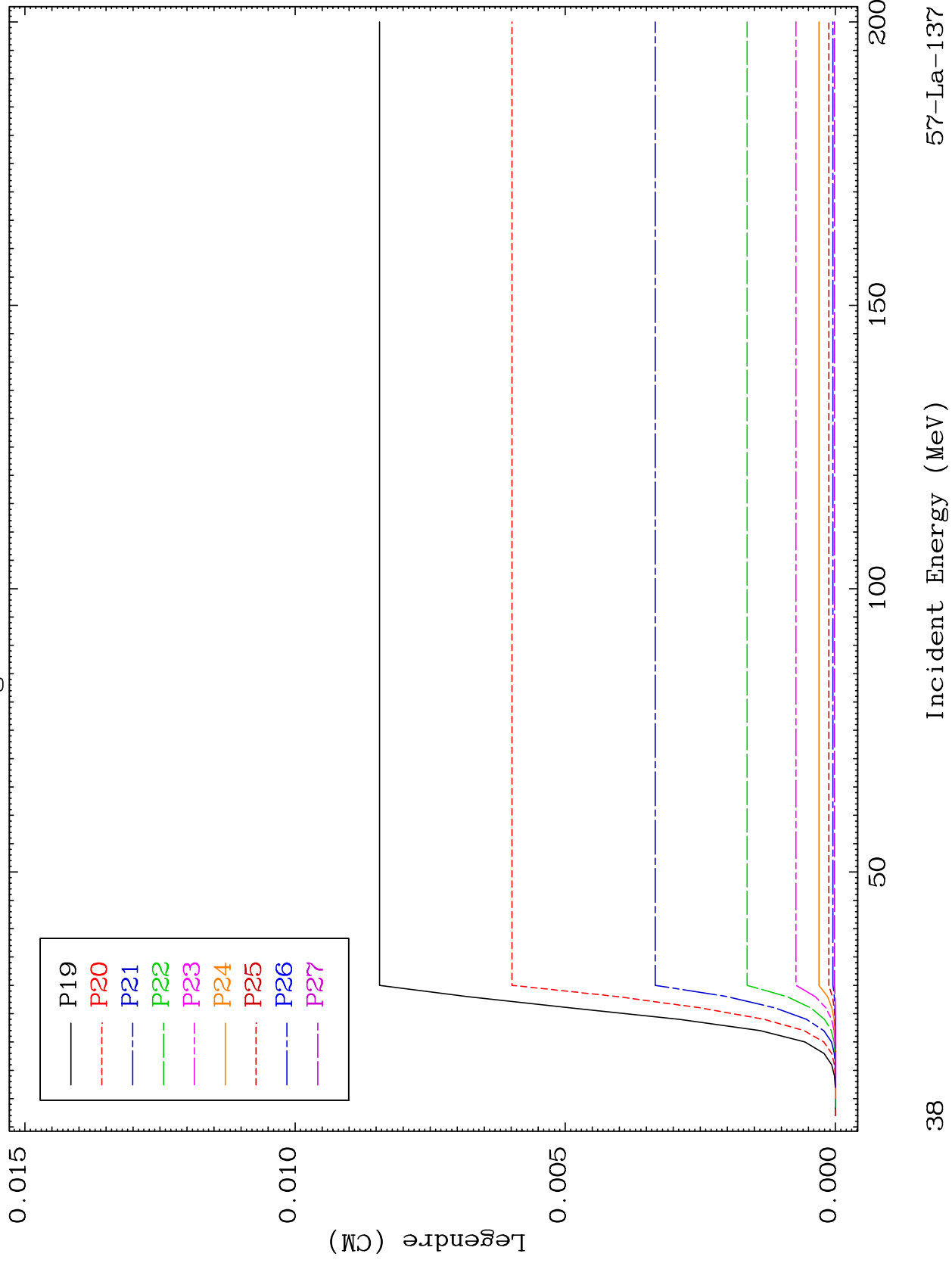
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



38

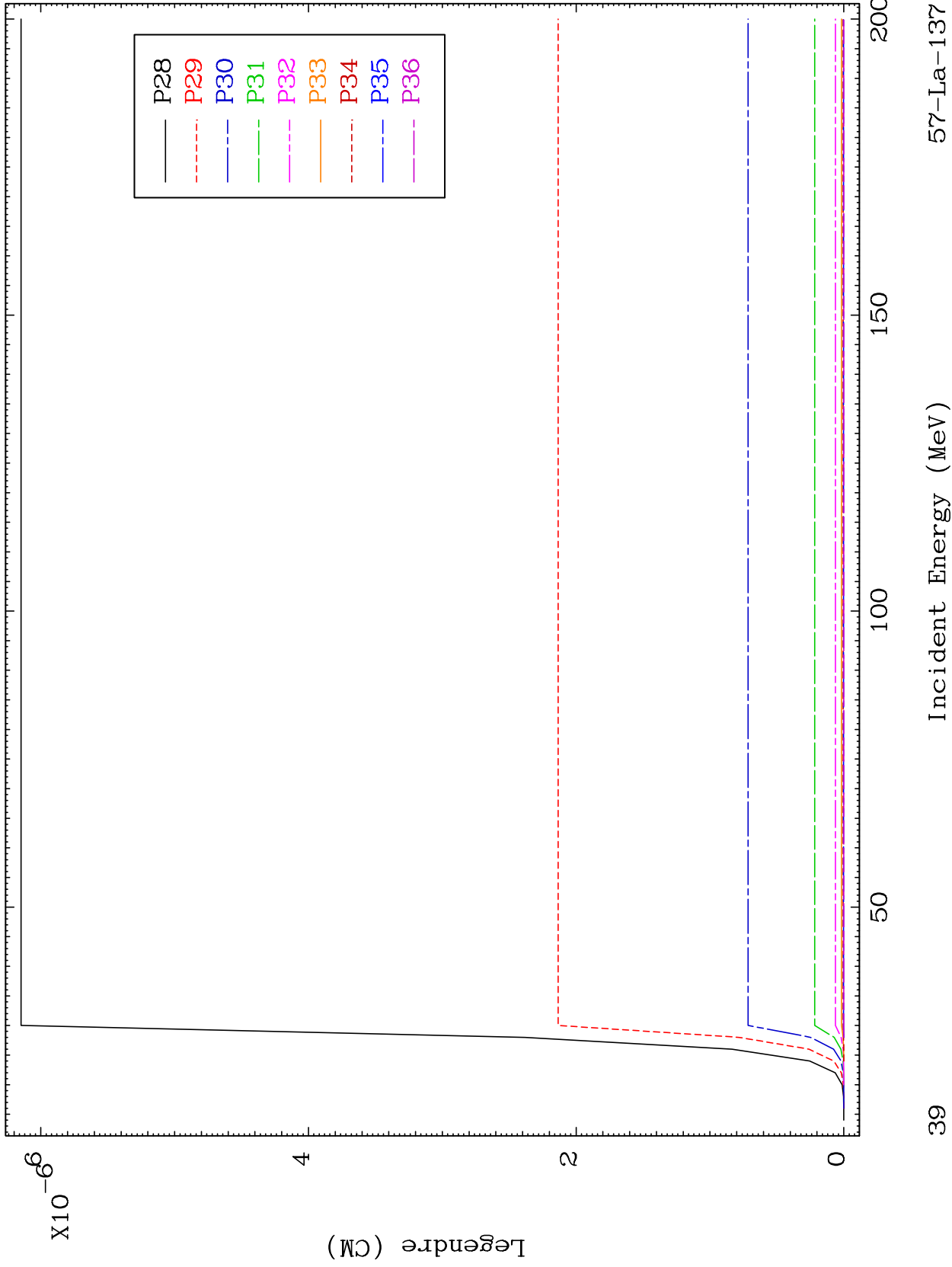
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



39

Incident Energy (MeV)

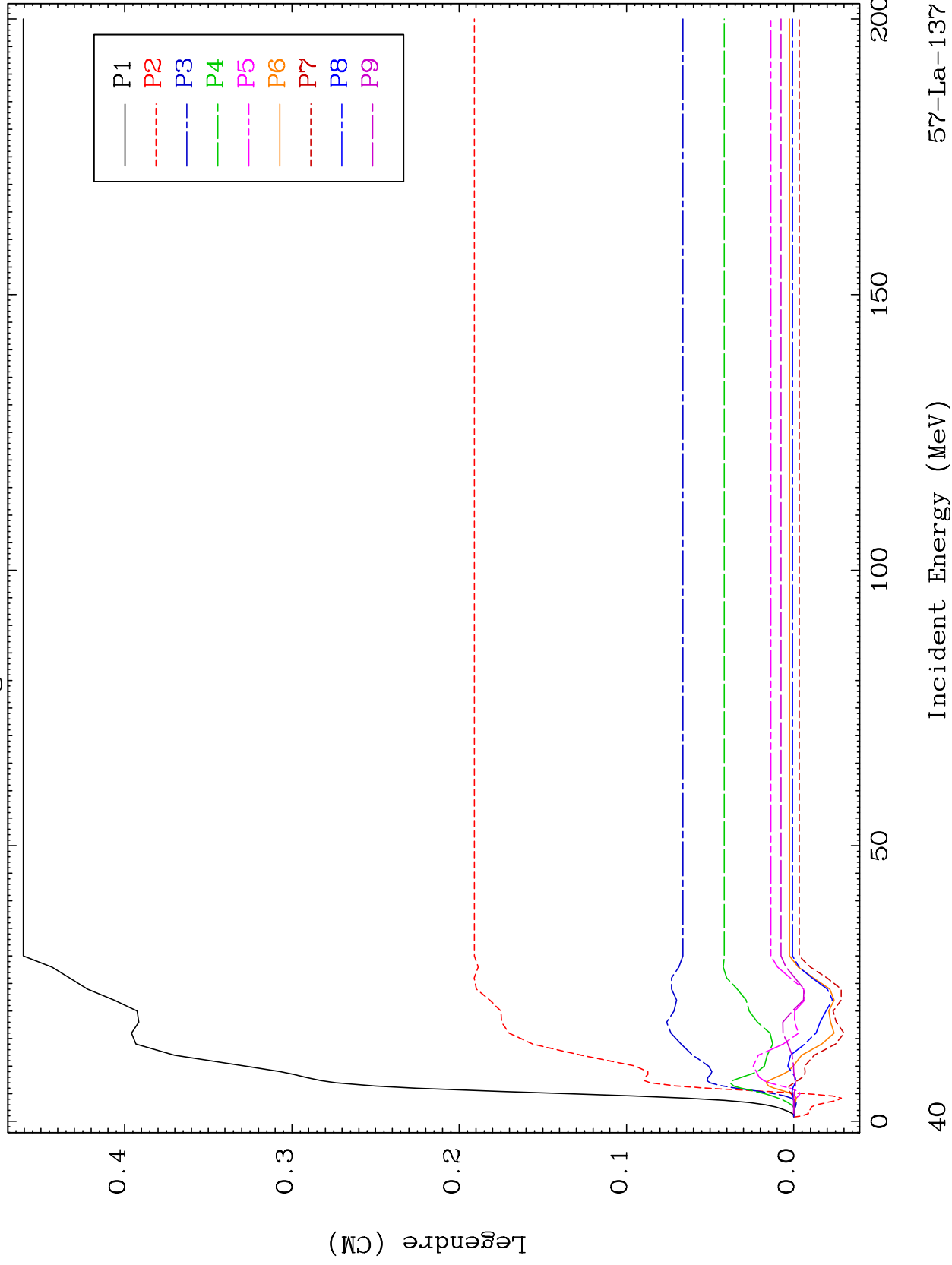
57-La-137



MAT 5722

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

57-La-137

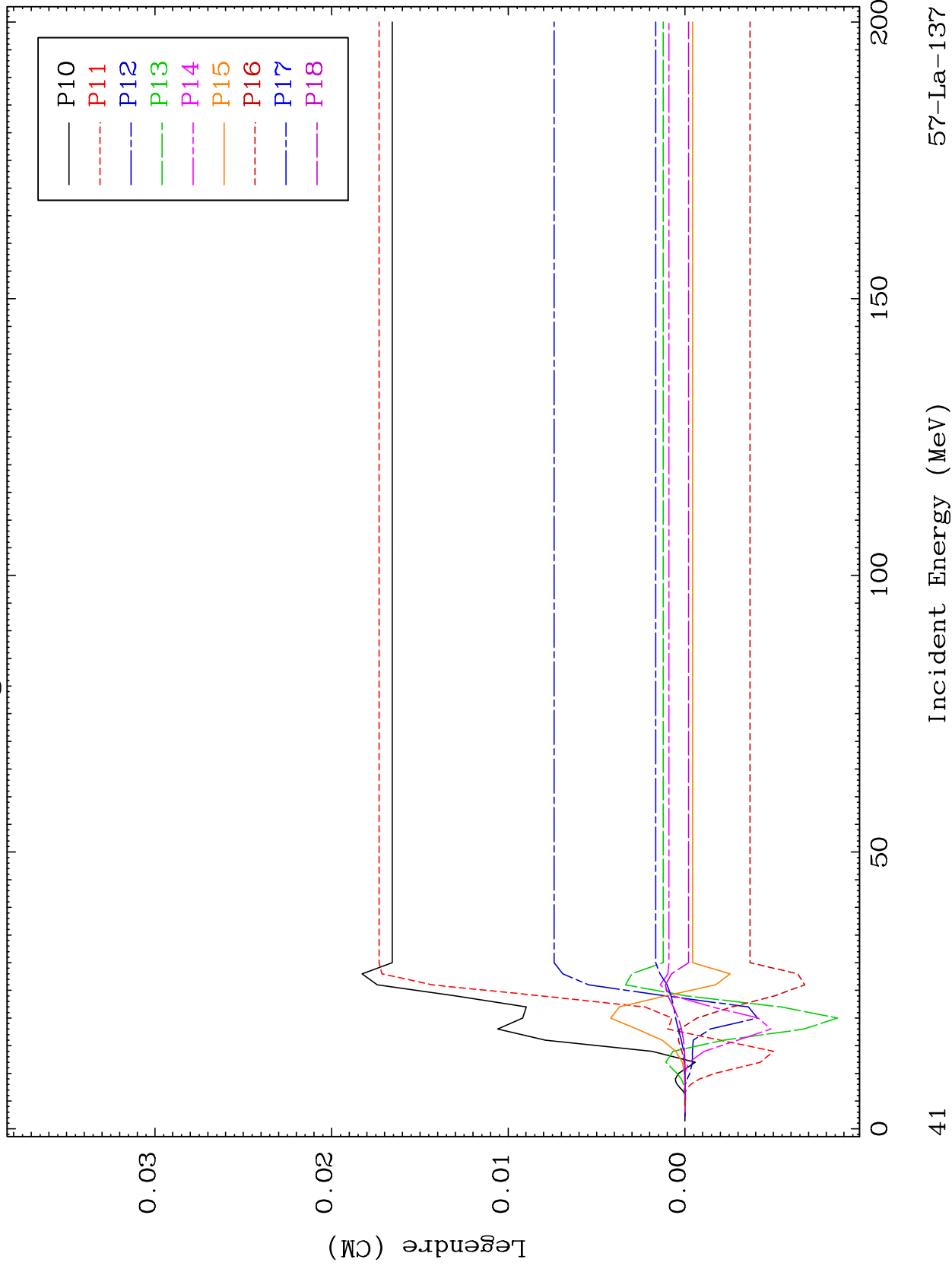


57-La-137

MAT 5722

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

57-La-137



57-La-137

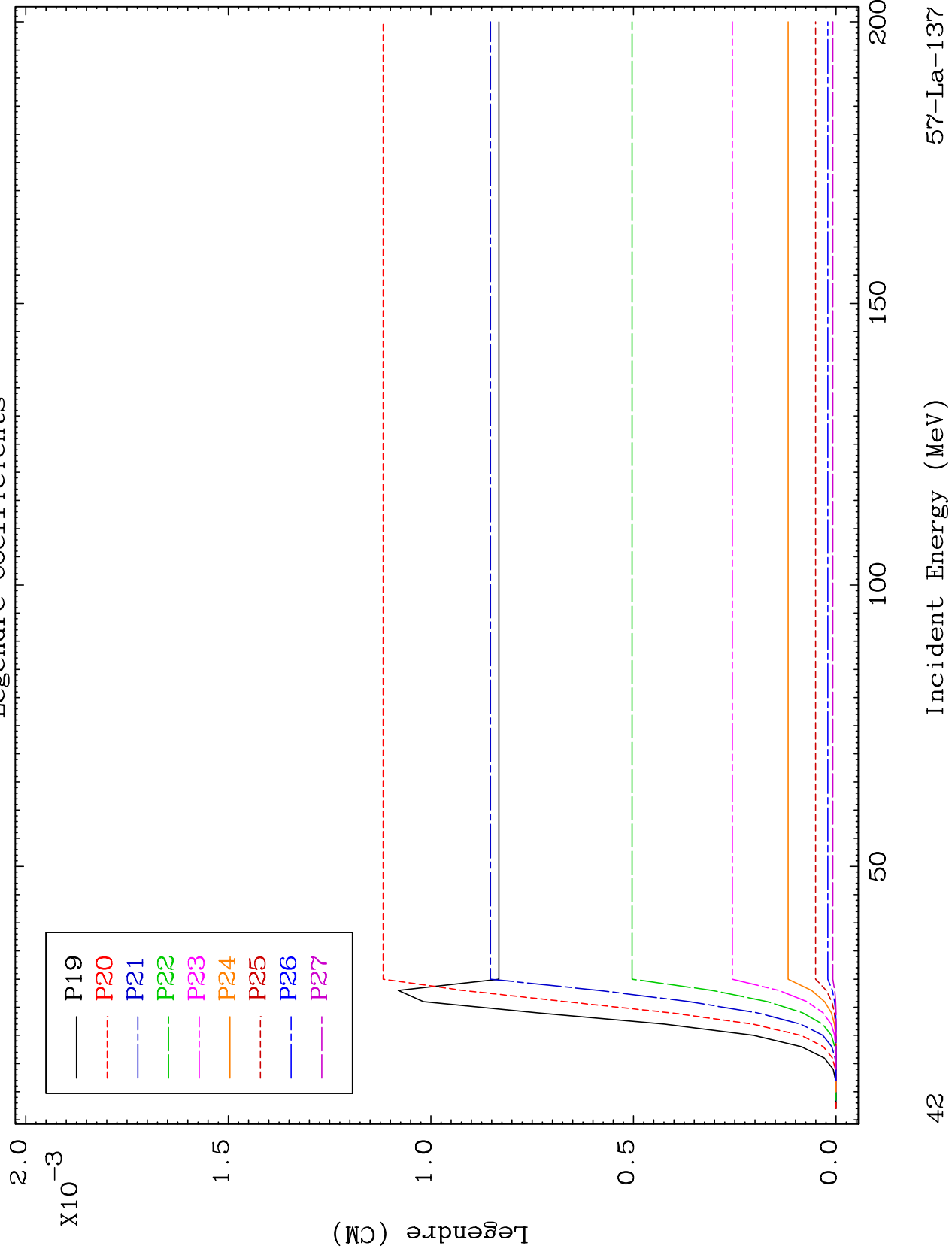
Incident Energy (MeV)

41

MAT 5722

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

57-La-137



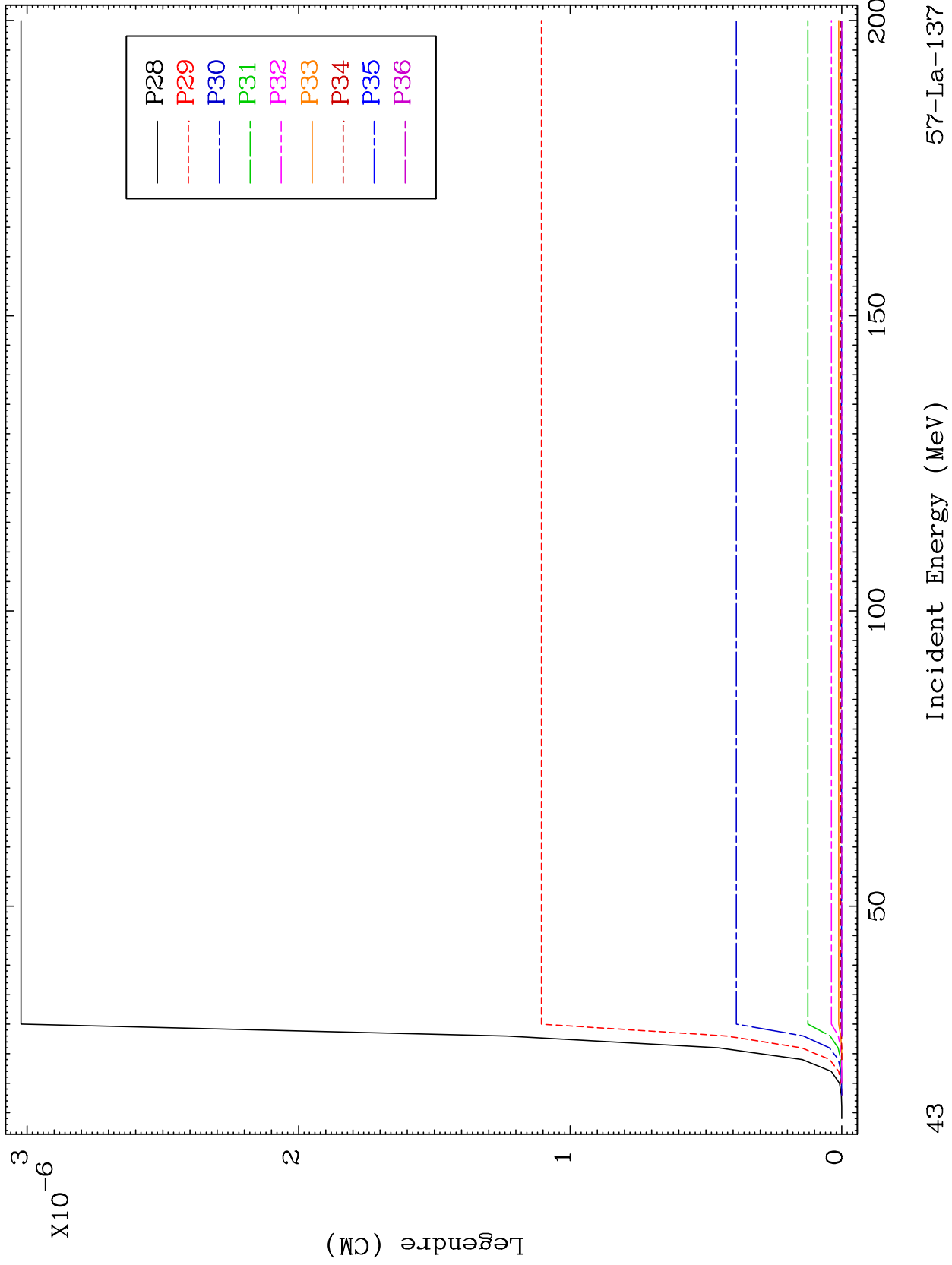
42

200

MAT 5722

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

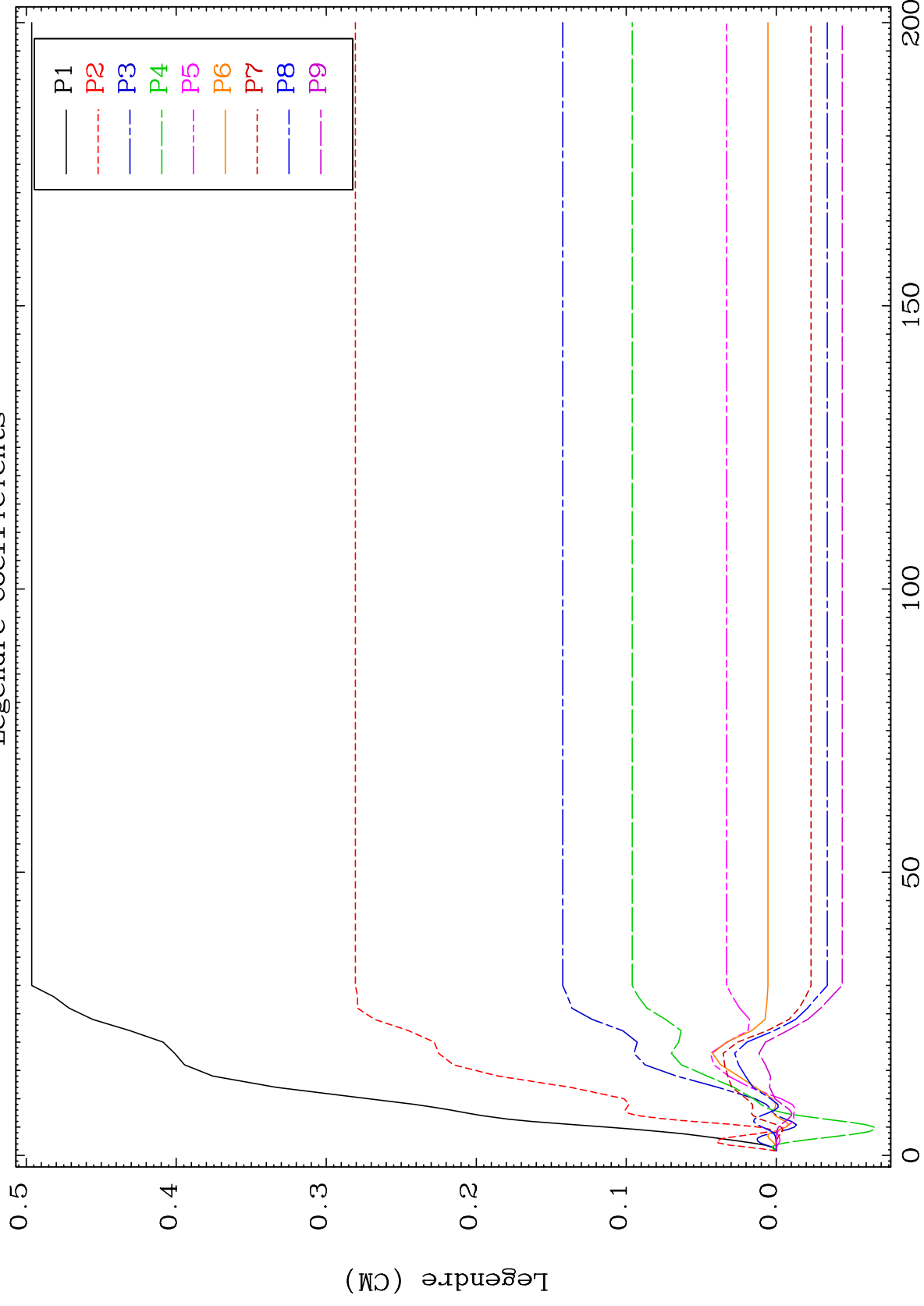
57-La-137



MAT 5722

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

57-La-137



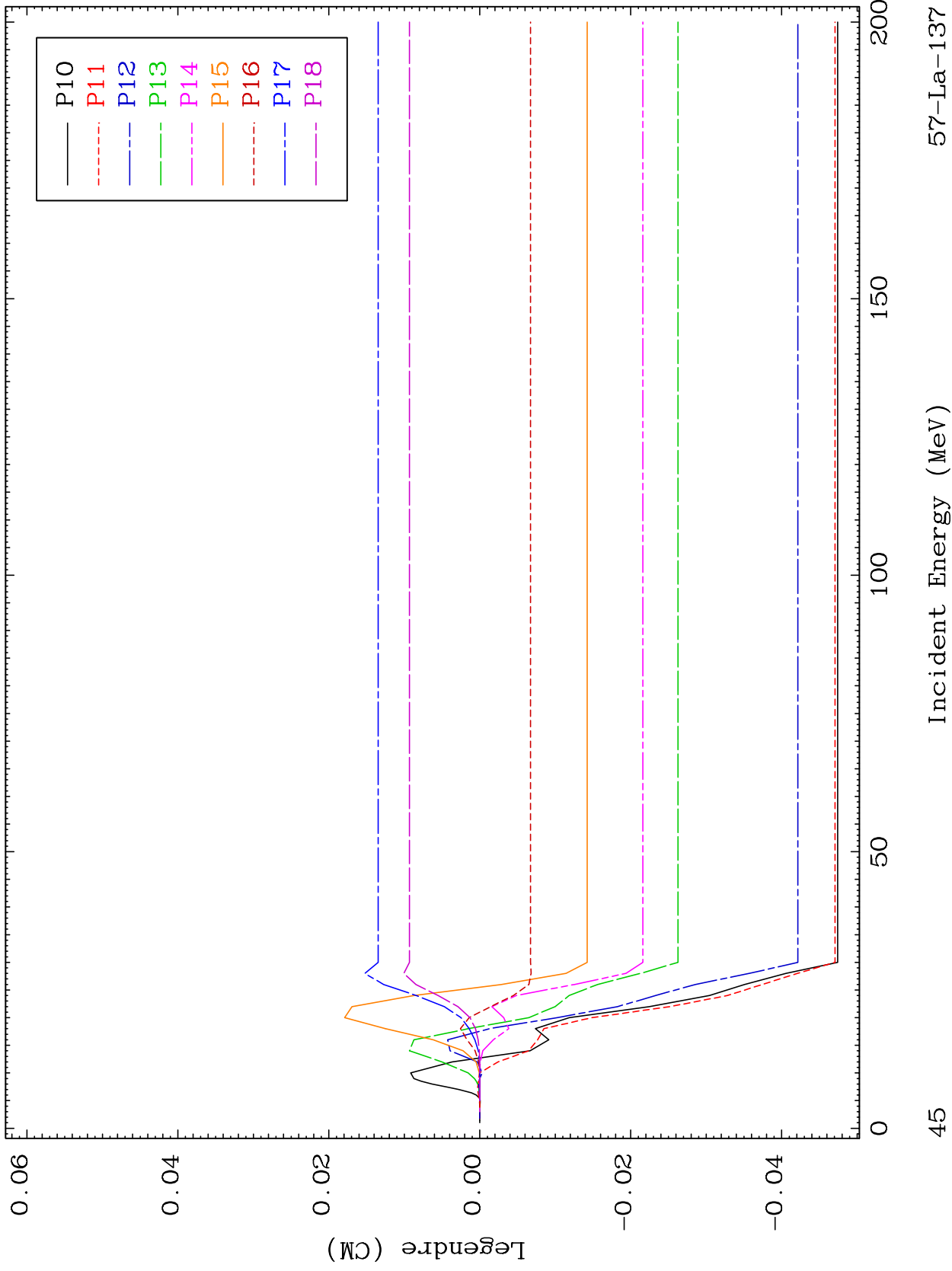
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57-La-137

MAT 5722

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

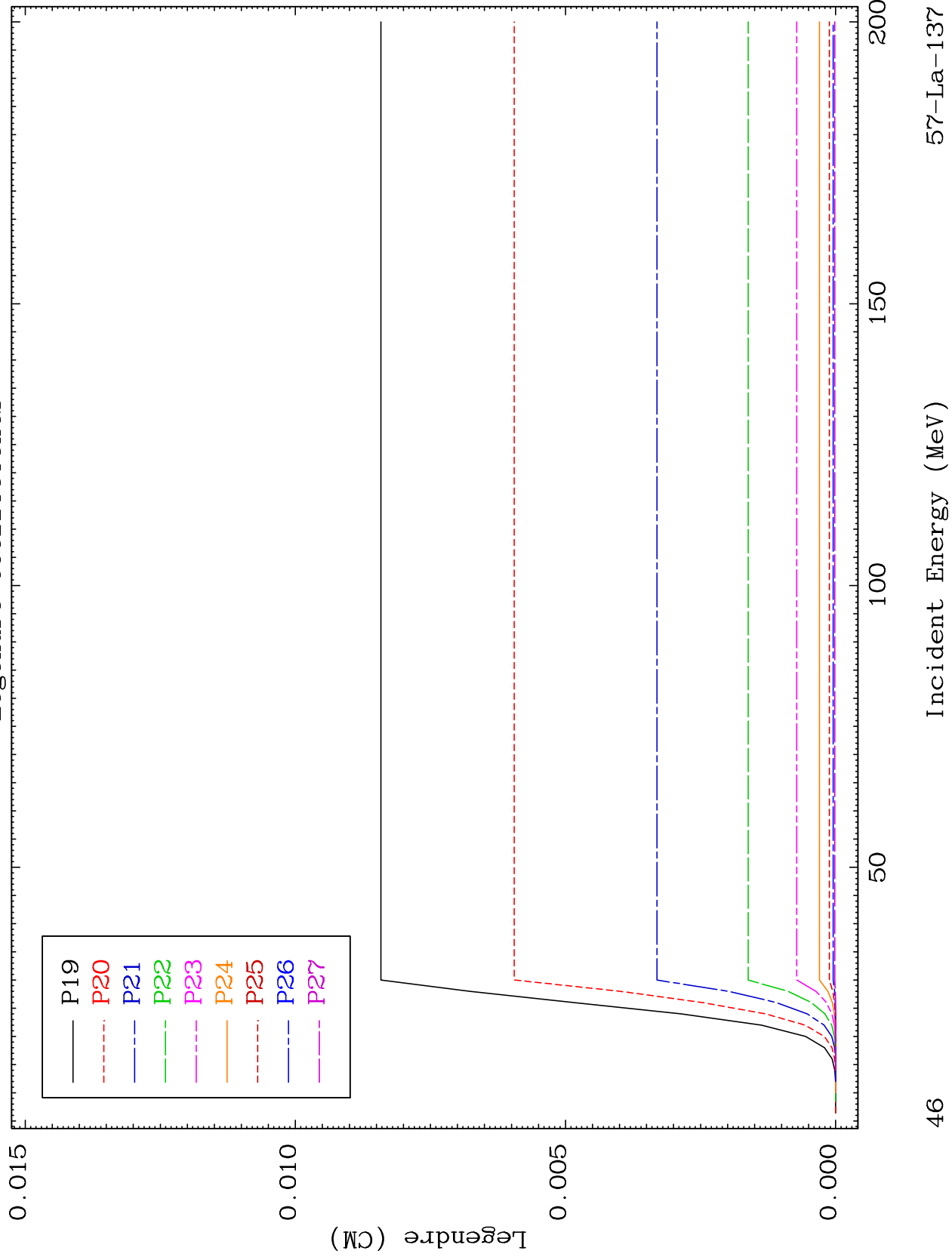
57-La-137



MAT 5722

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

57-La-137



46

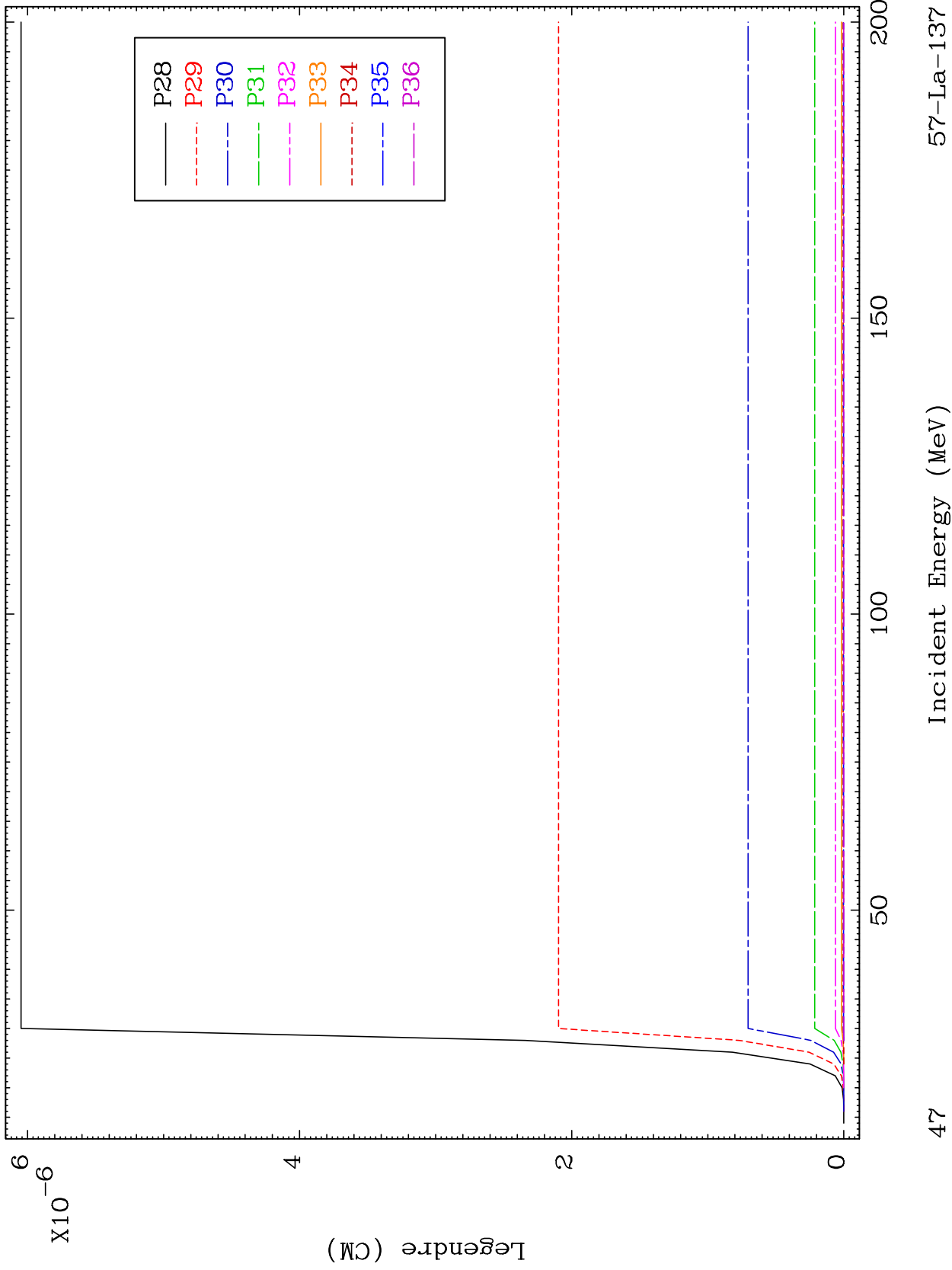
Incident Energy (MeV)

57-La-137

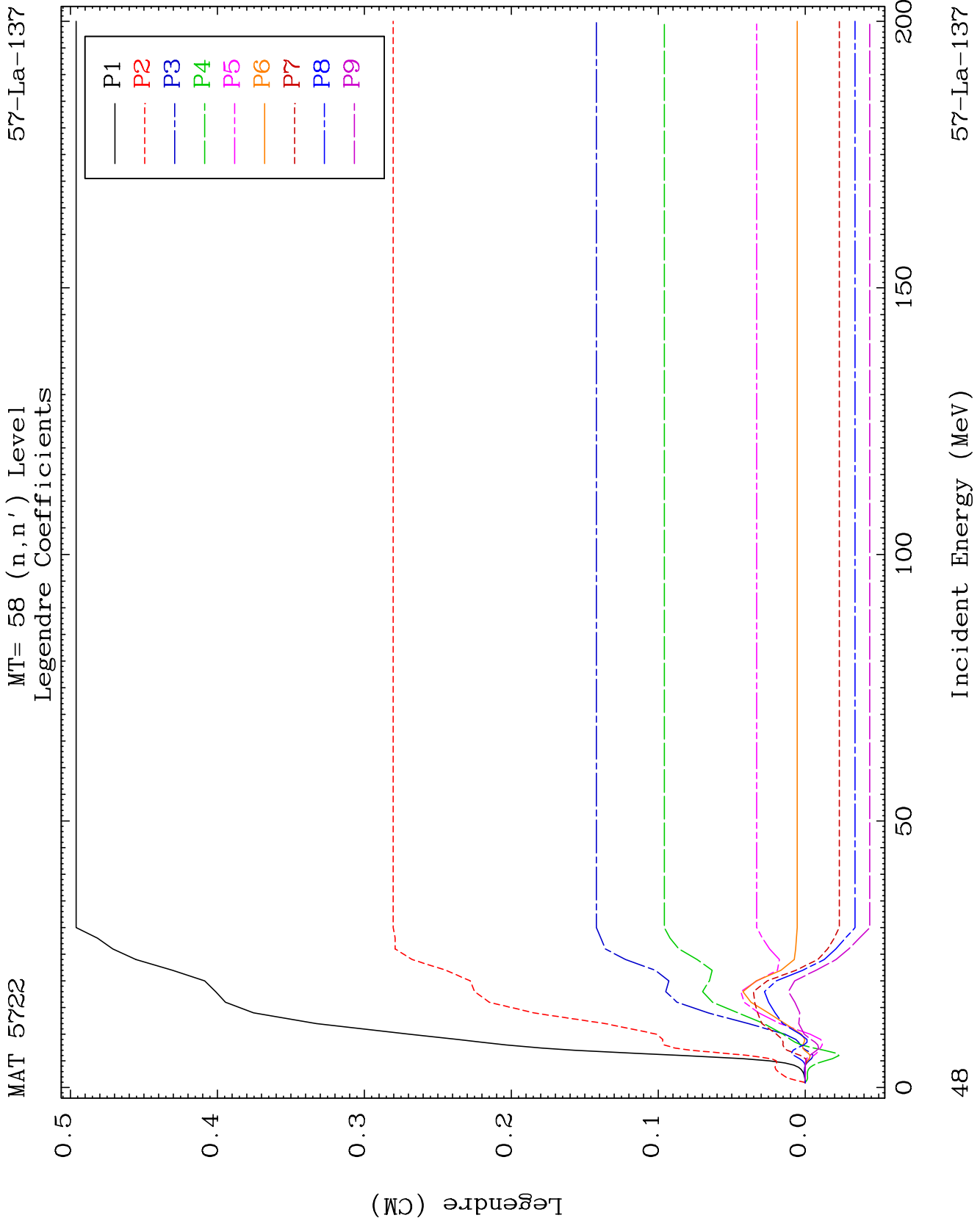
MAT 5722

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

57-La-137



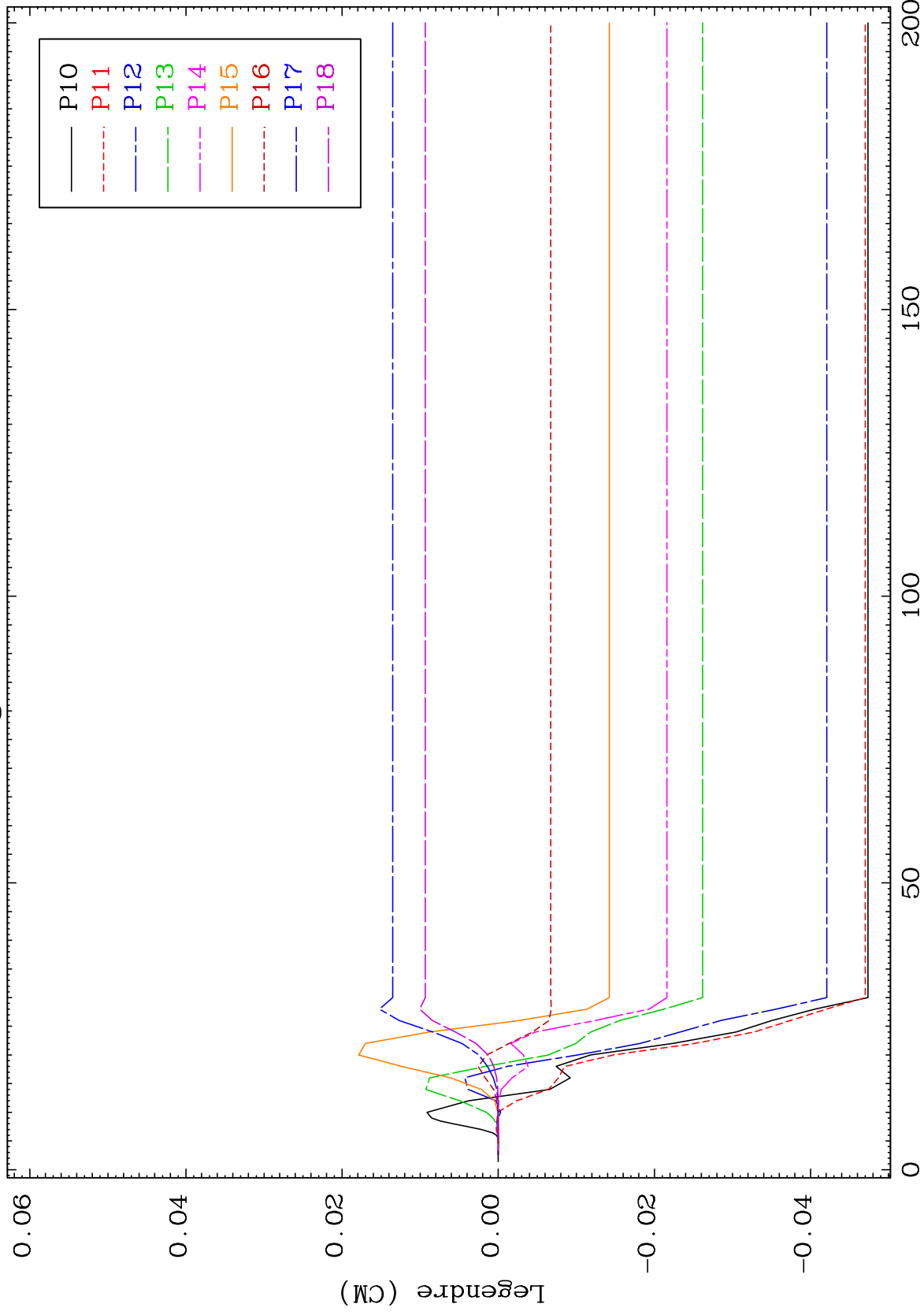




MAT 5722

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

57-La-137



49

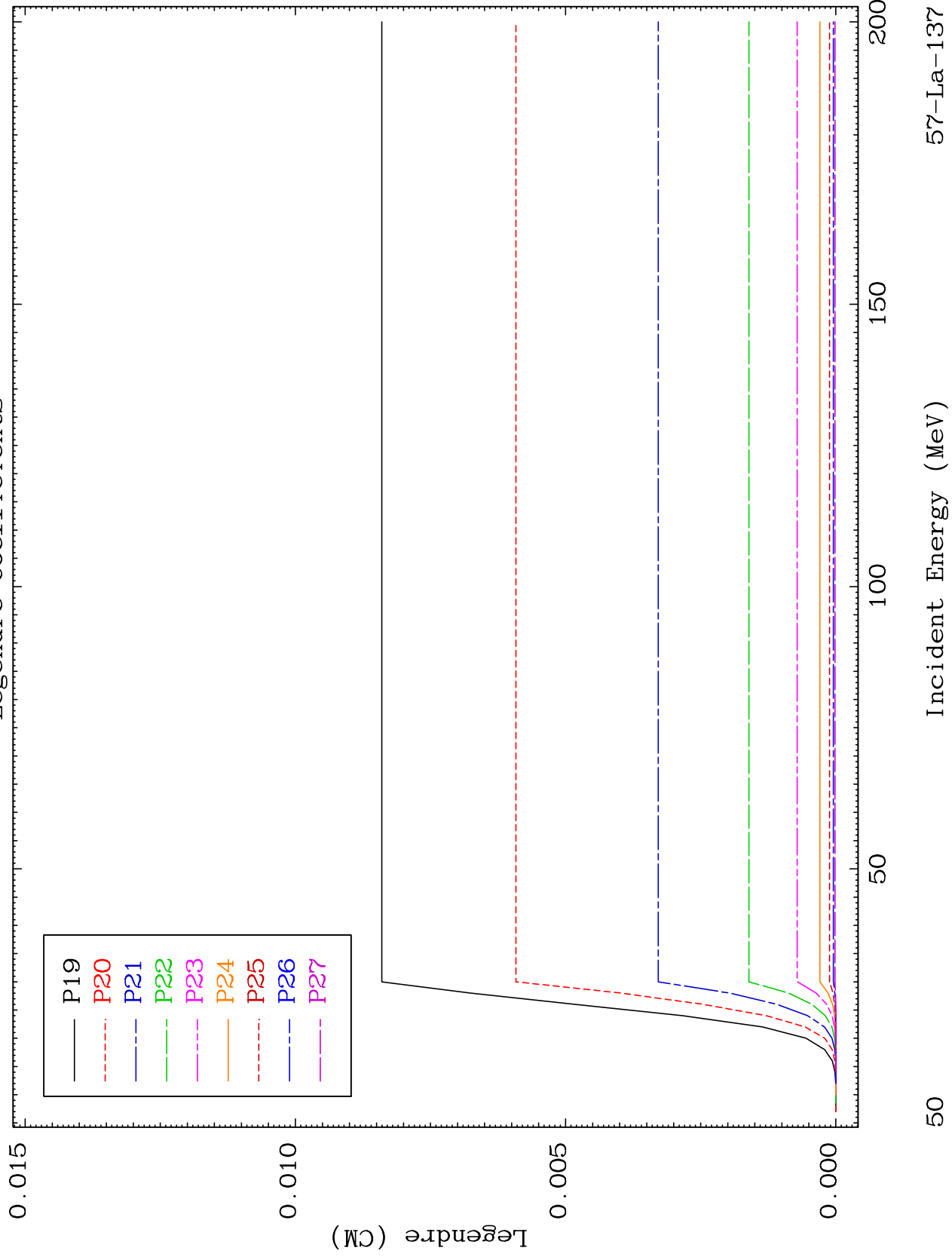
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



57-La-137

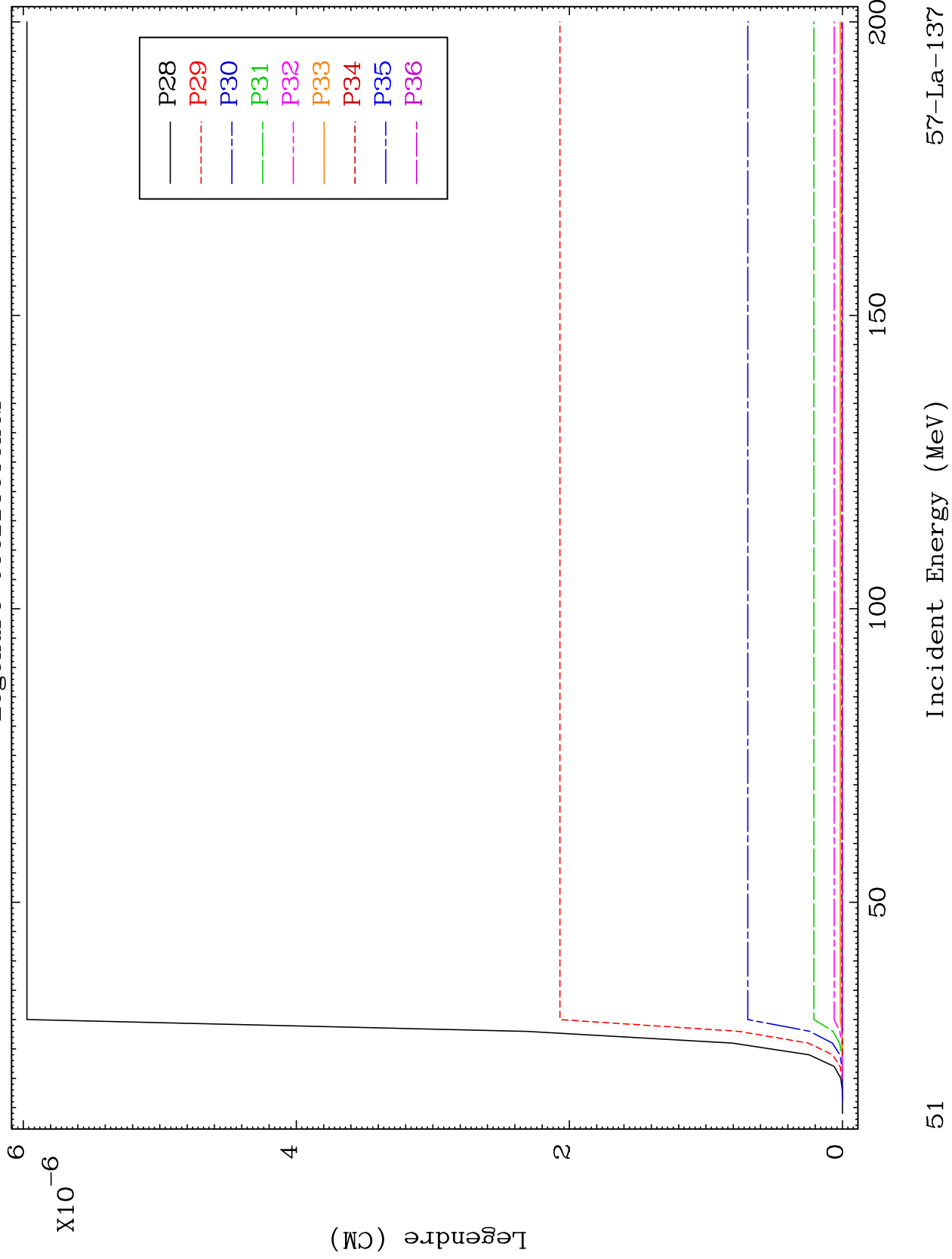
Incident Energy (MeV)

50

MAT 5722

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

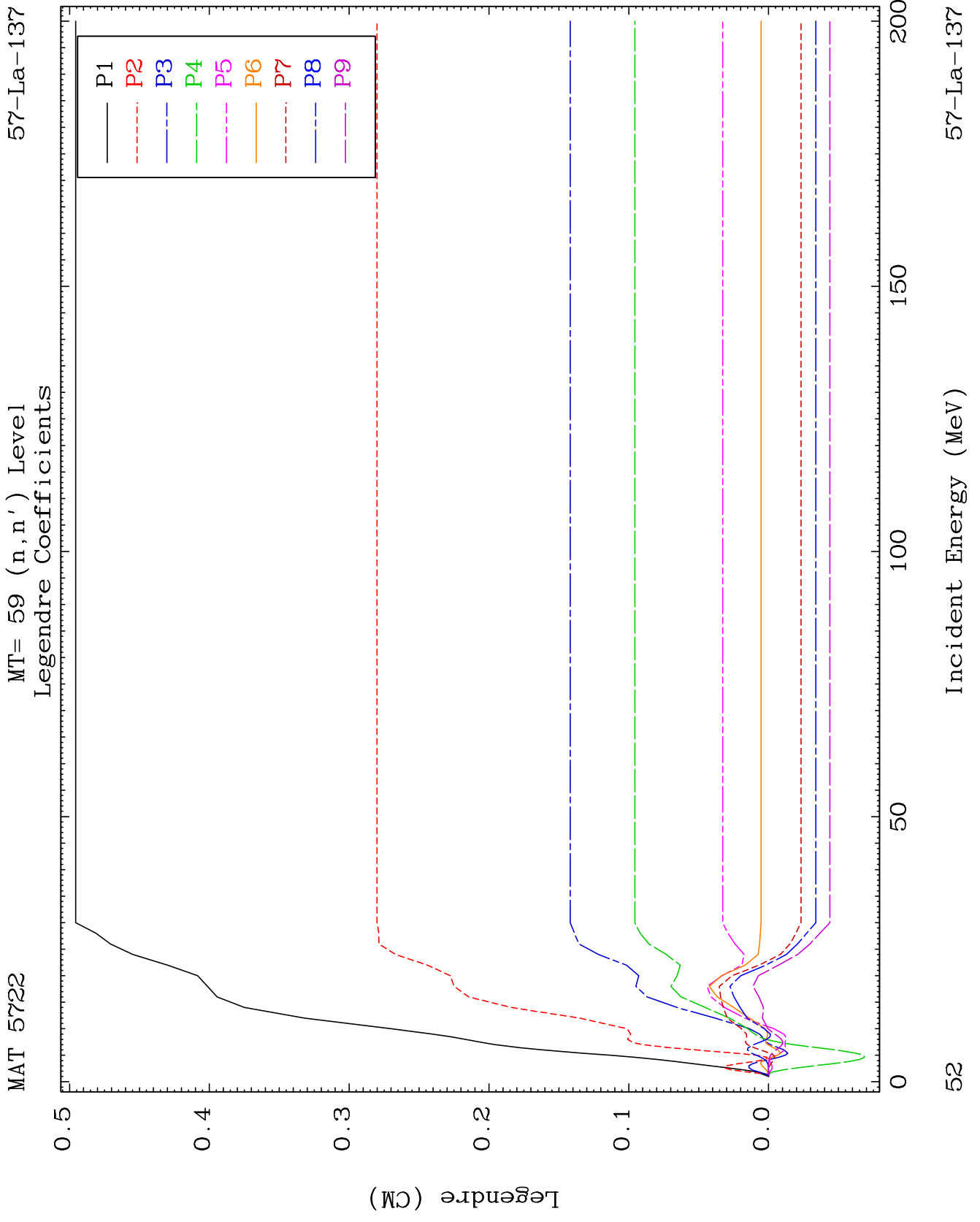
57-La-137

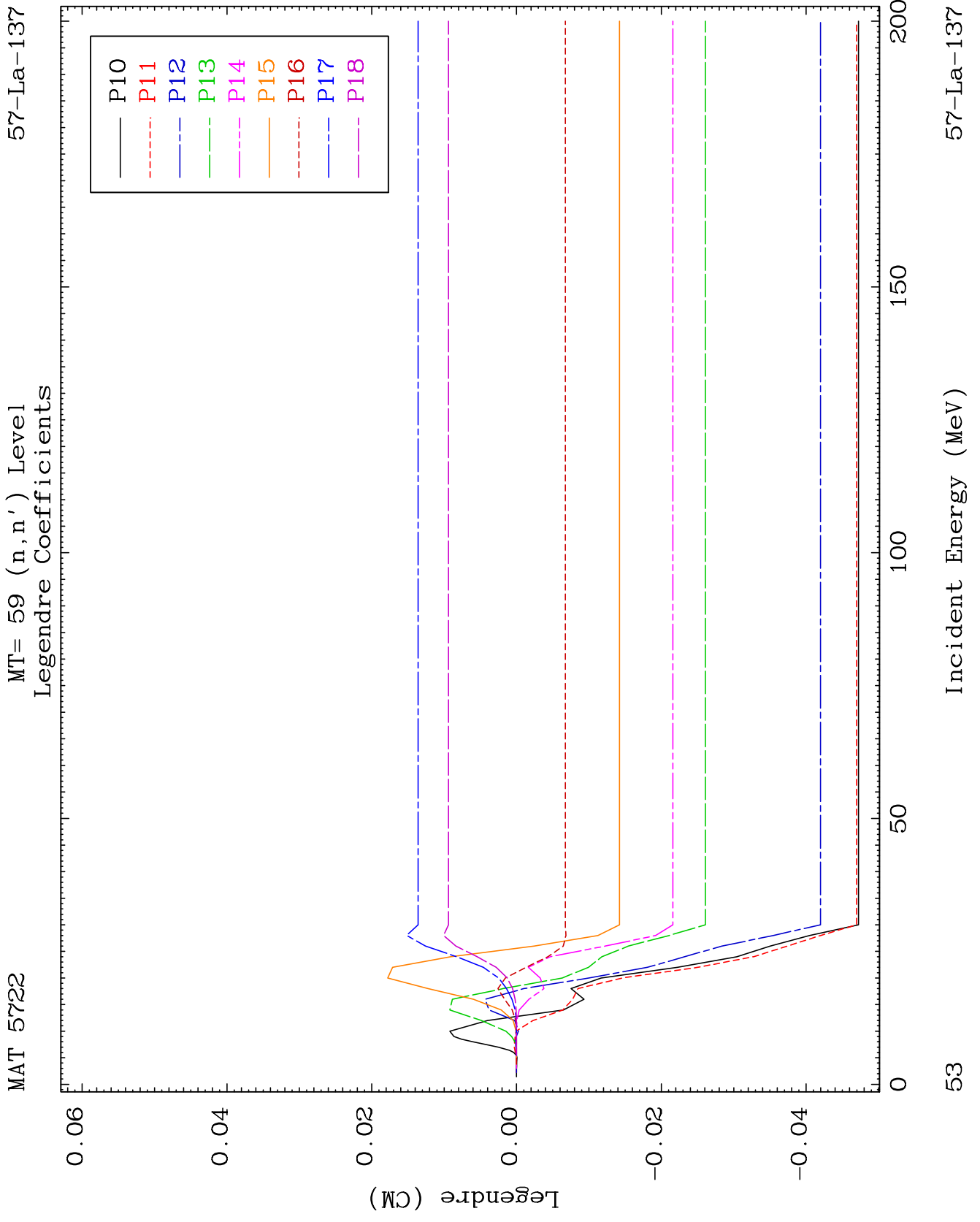


51

Incident Energy (MeV)

57-La-137

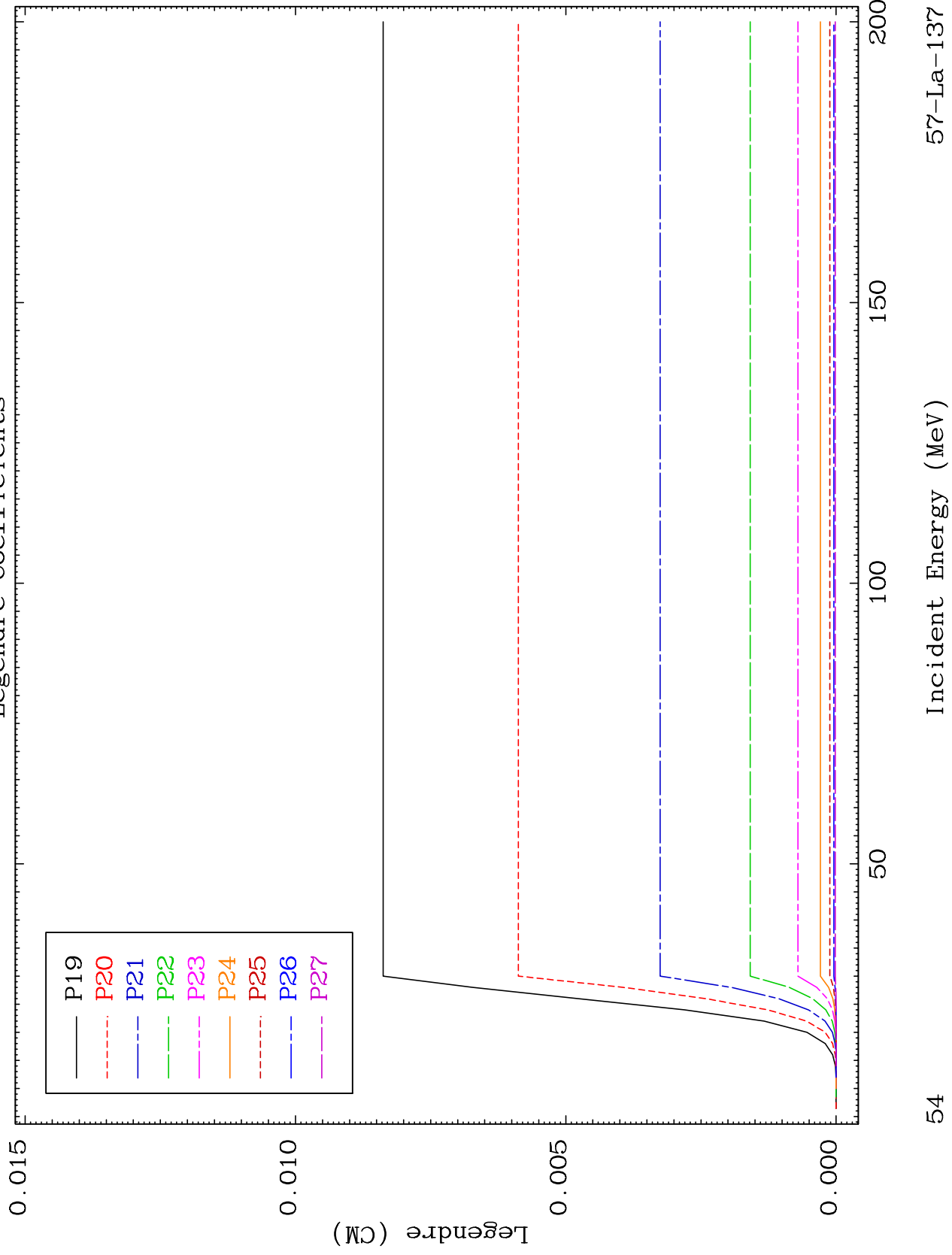




MAT 5722

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

57-La-137



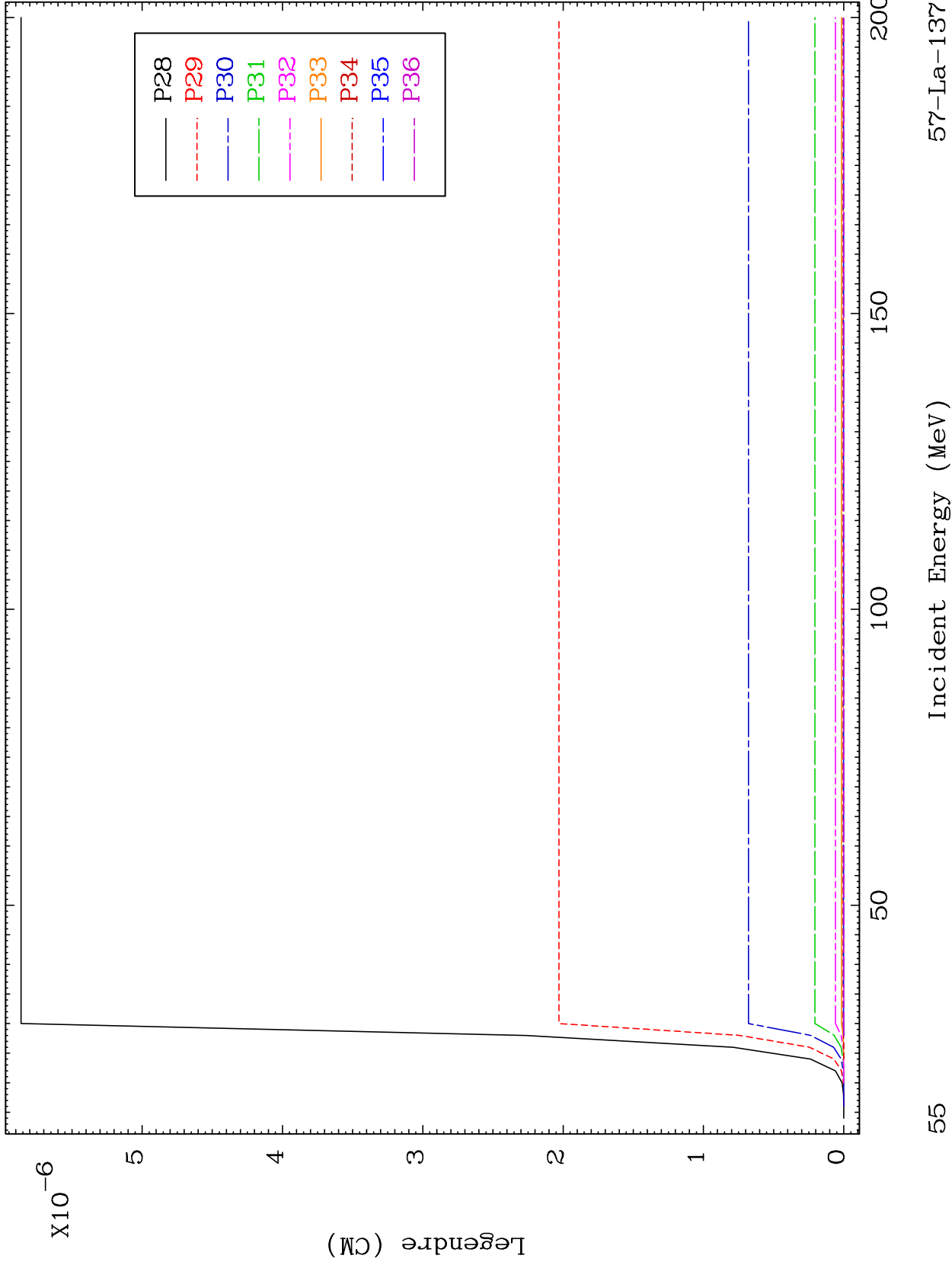
54

57-La-137

MAT 5722

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

57-La-137

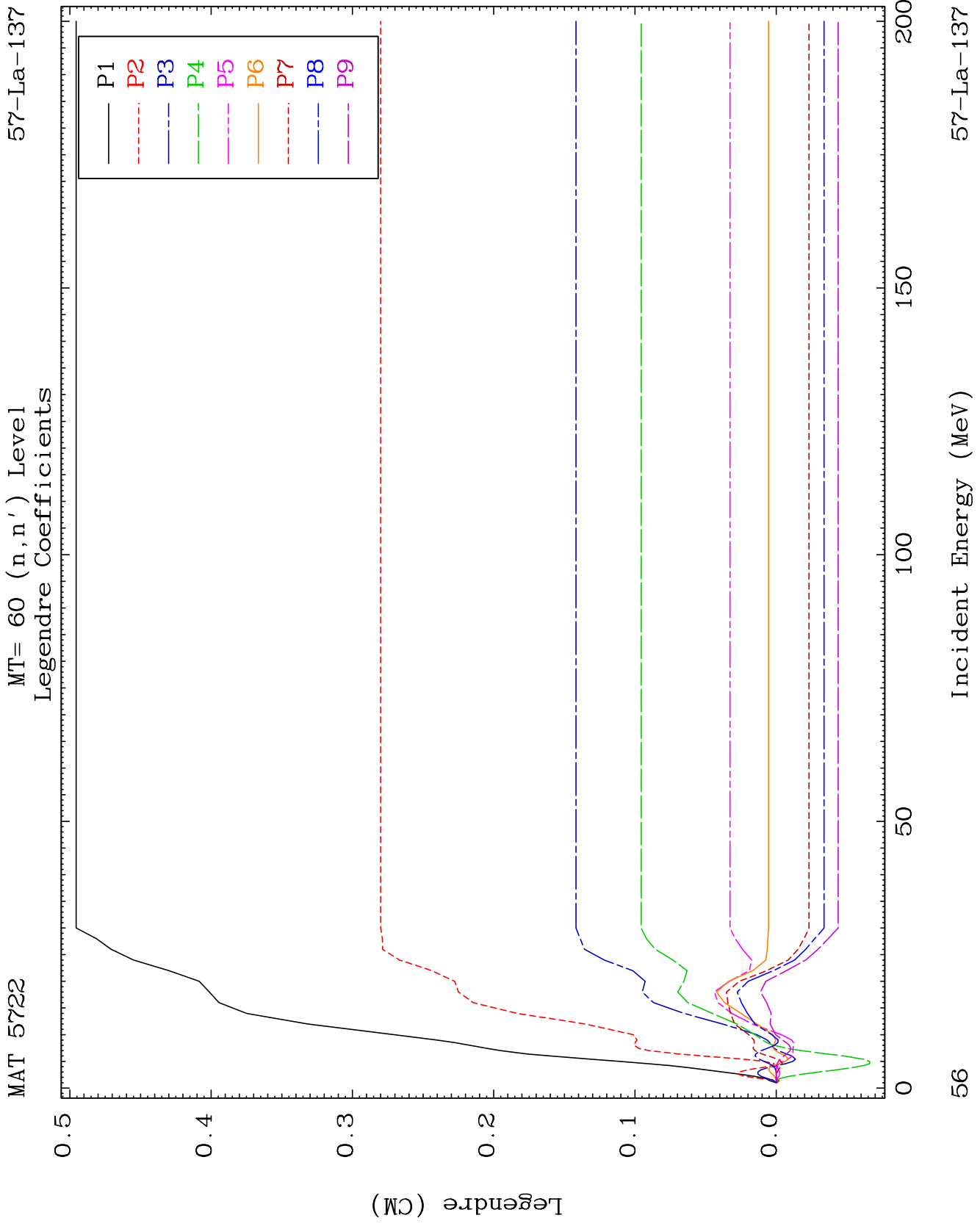


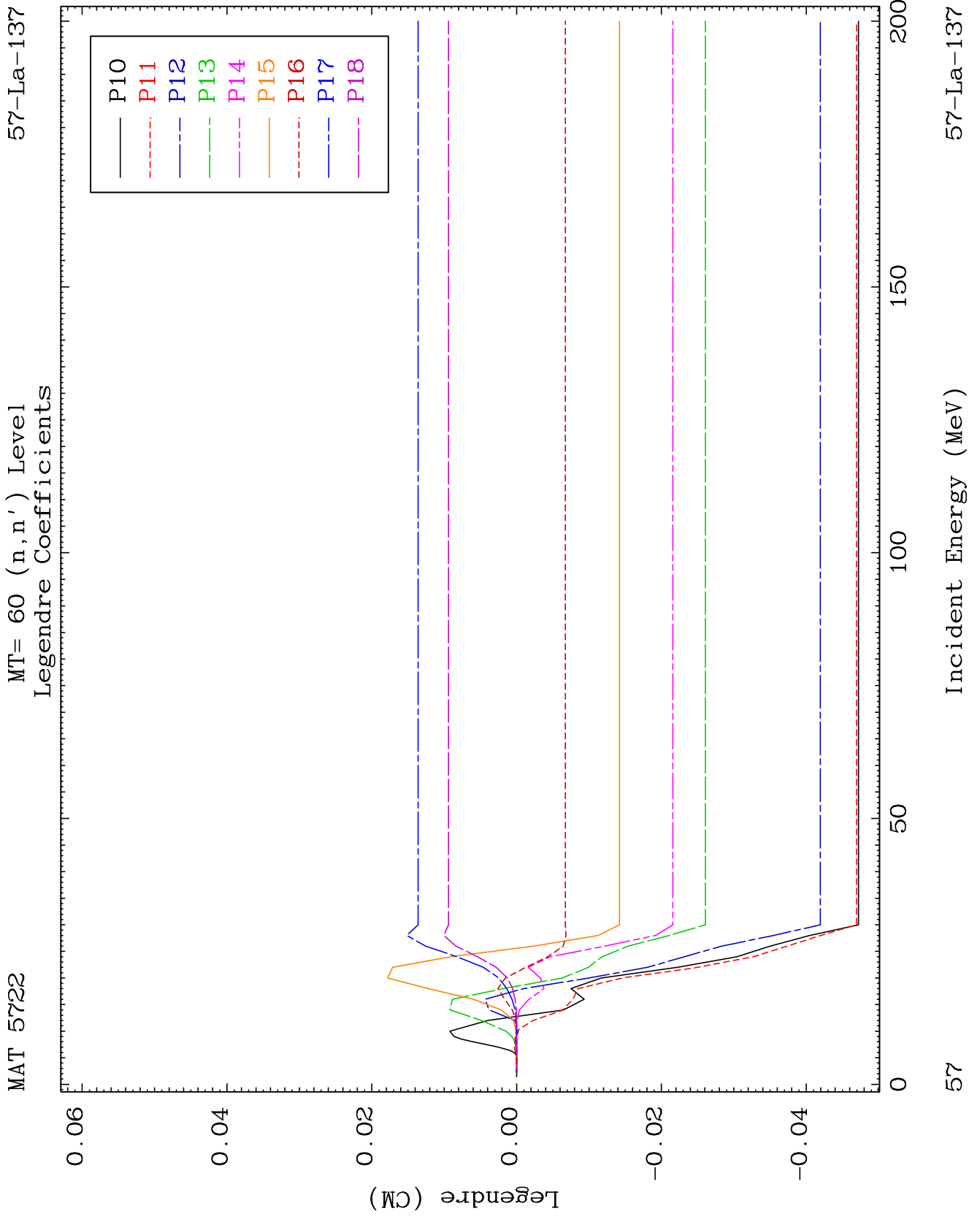
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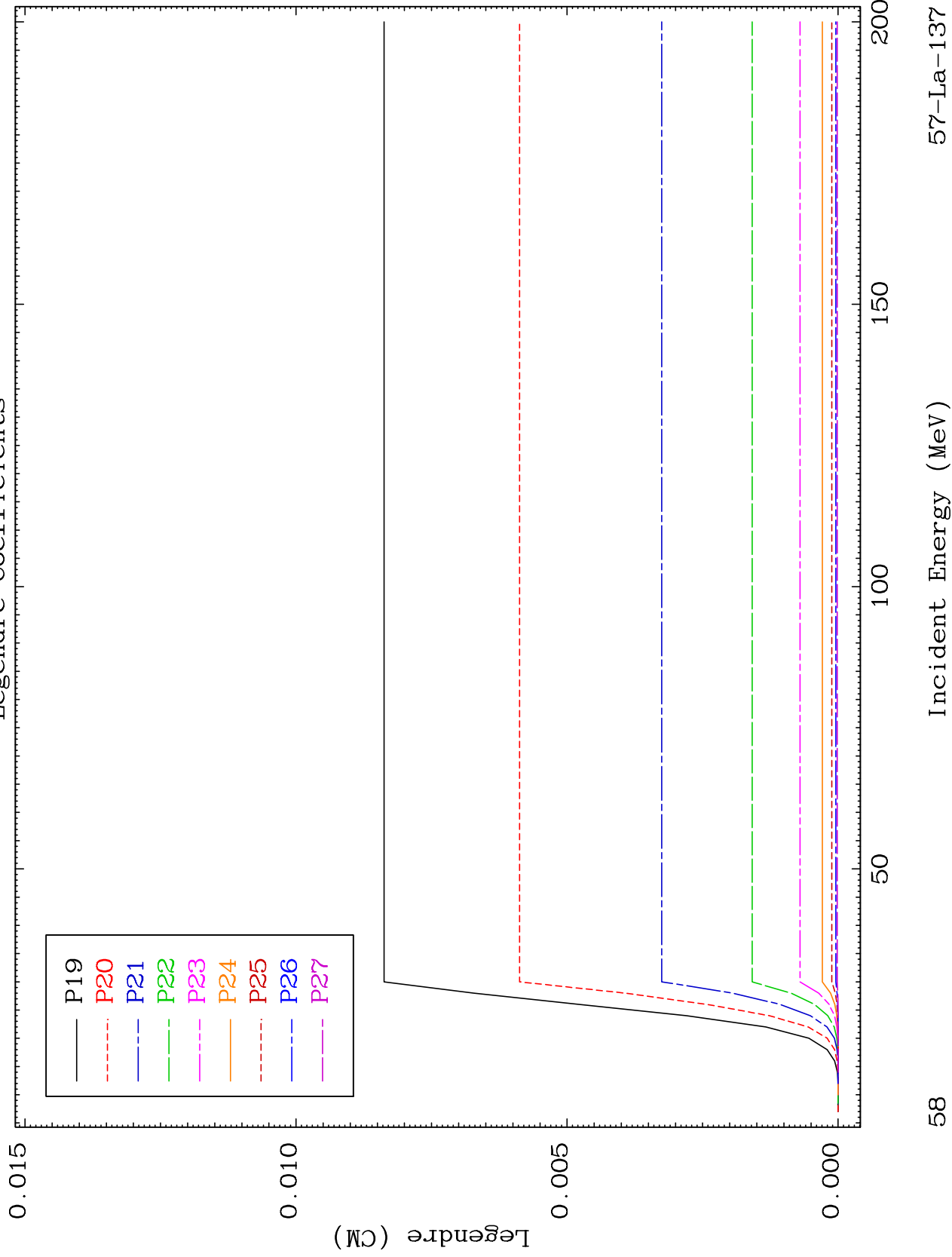
Incident Energy (MeV)

57-La-137





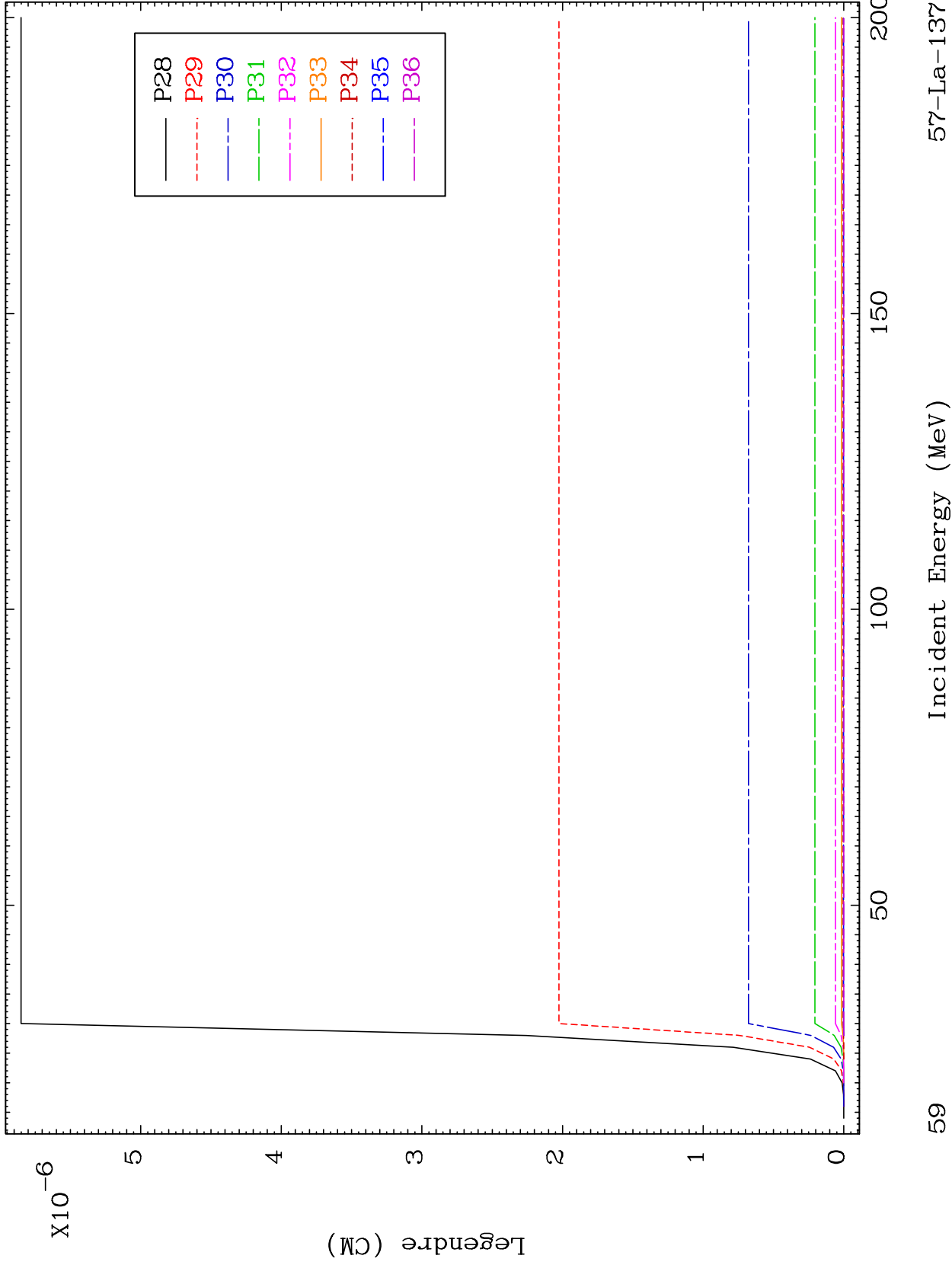




MAT 5722

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

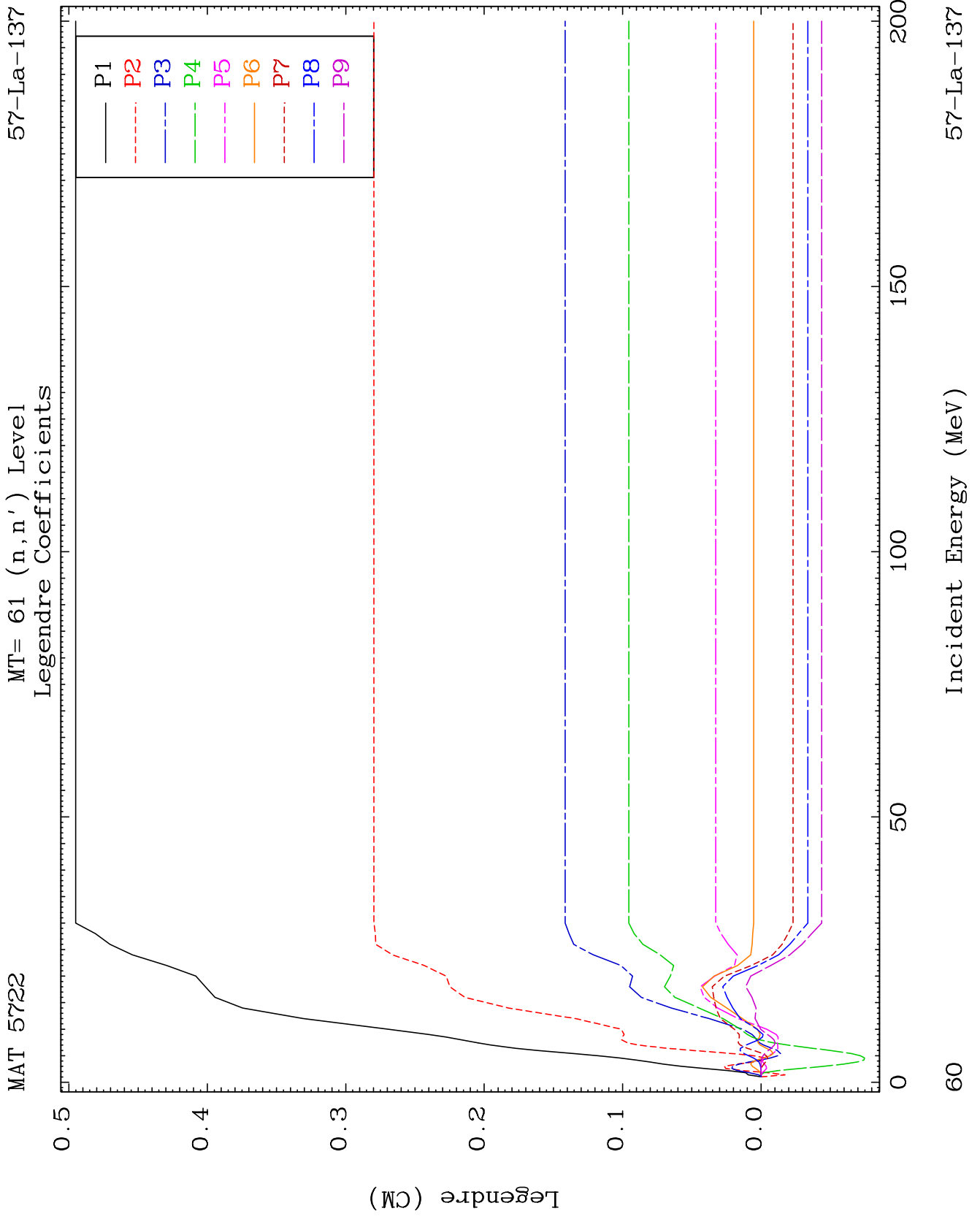
57-La-137



59

Incident Energy (MeV)

57-La-137

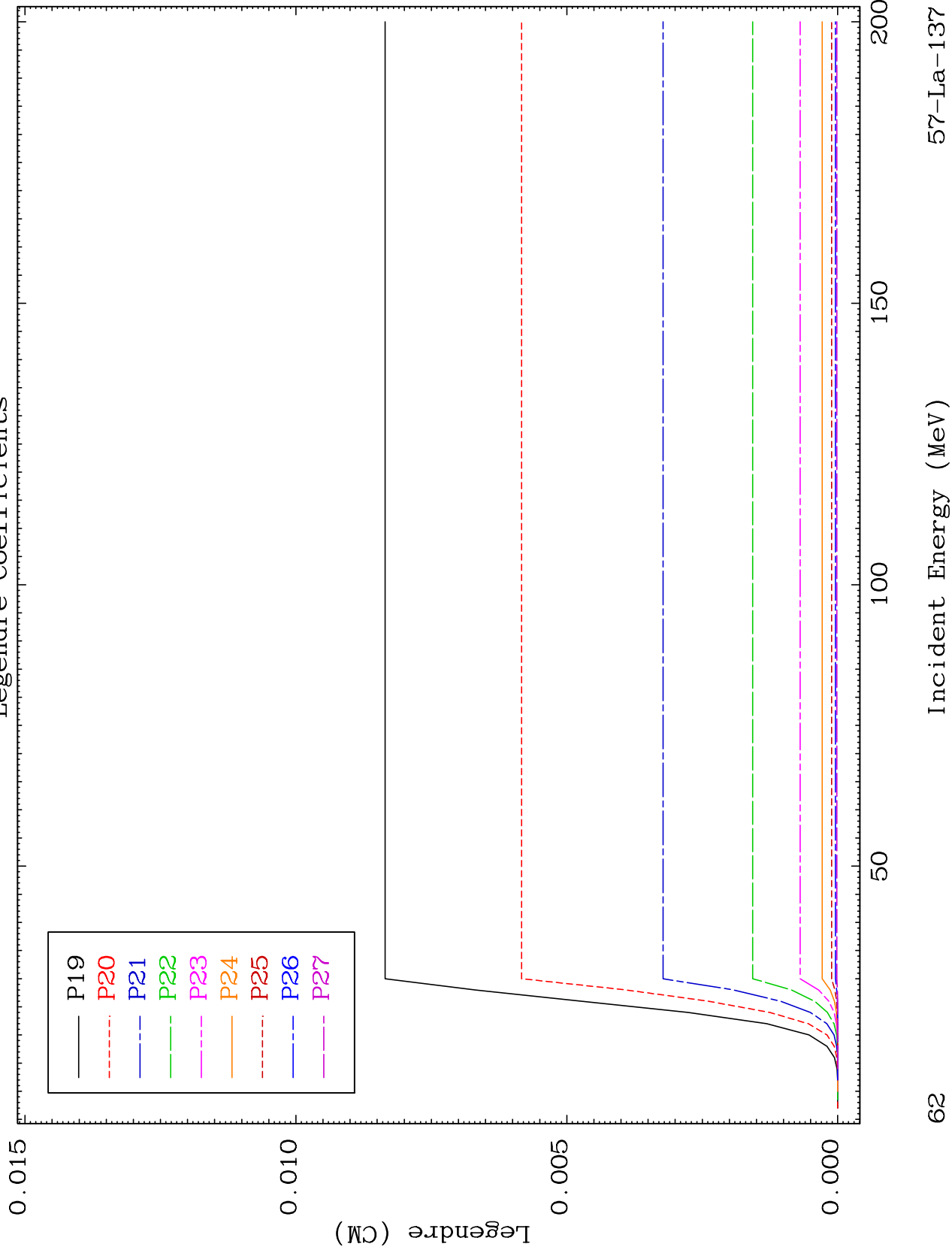




MAT 5722

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

57-La-137



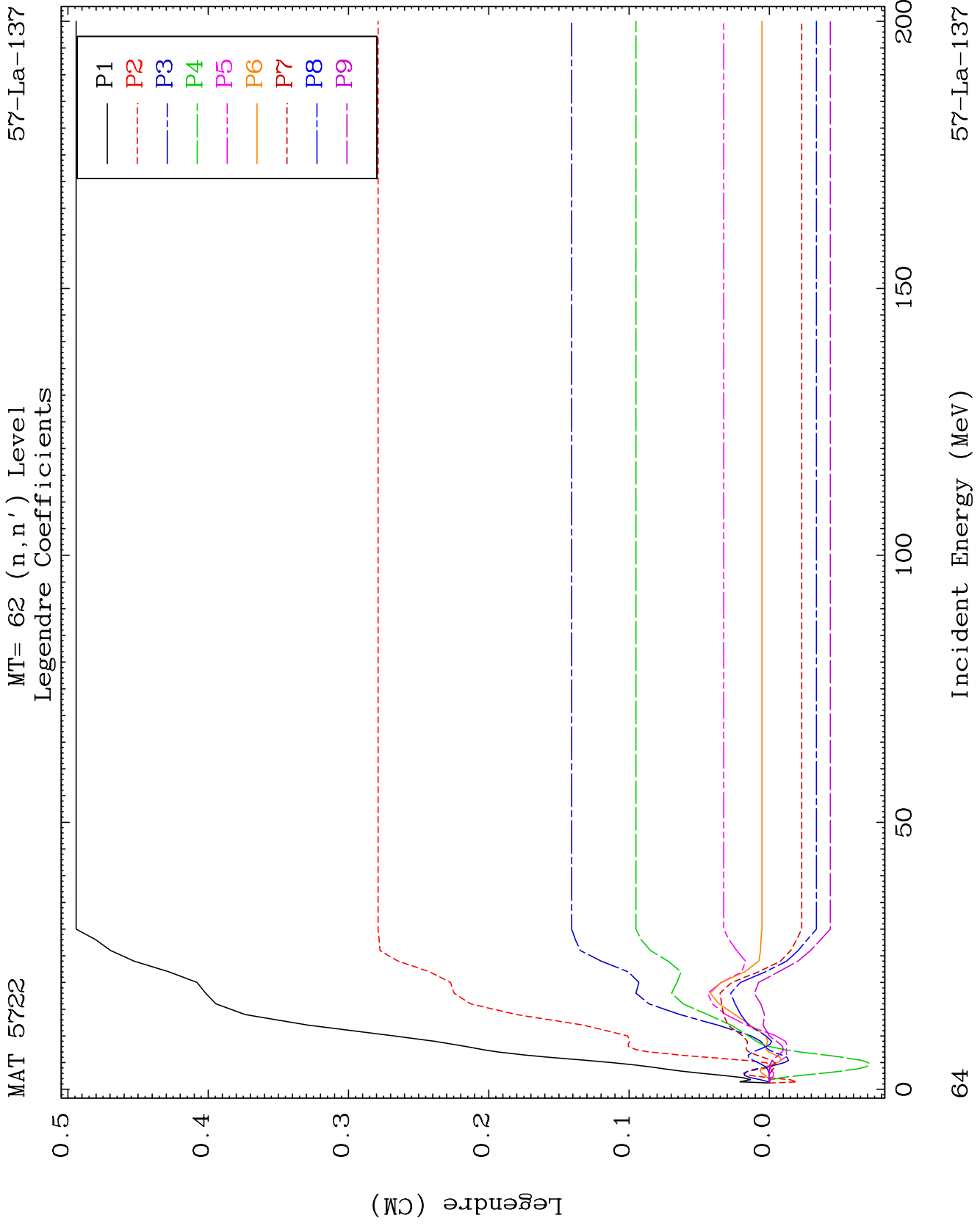
57-La-137

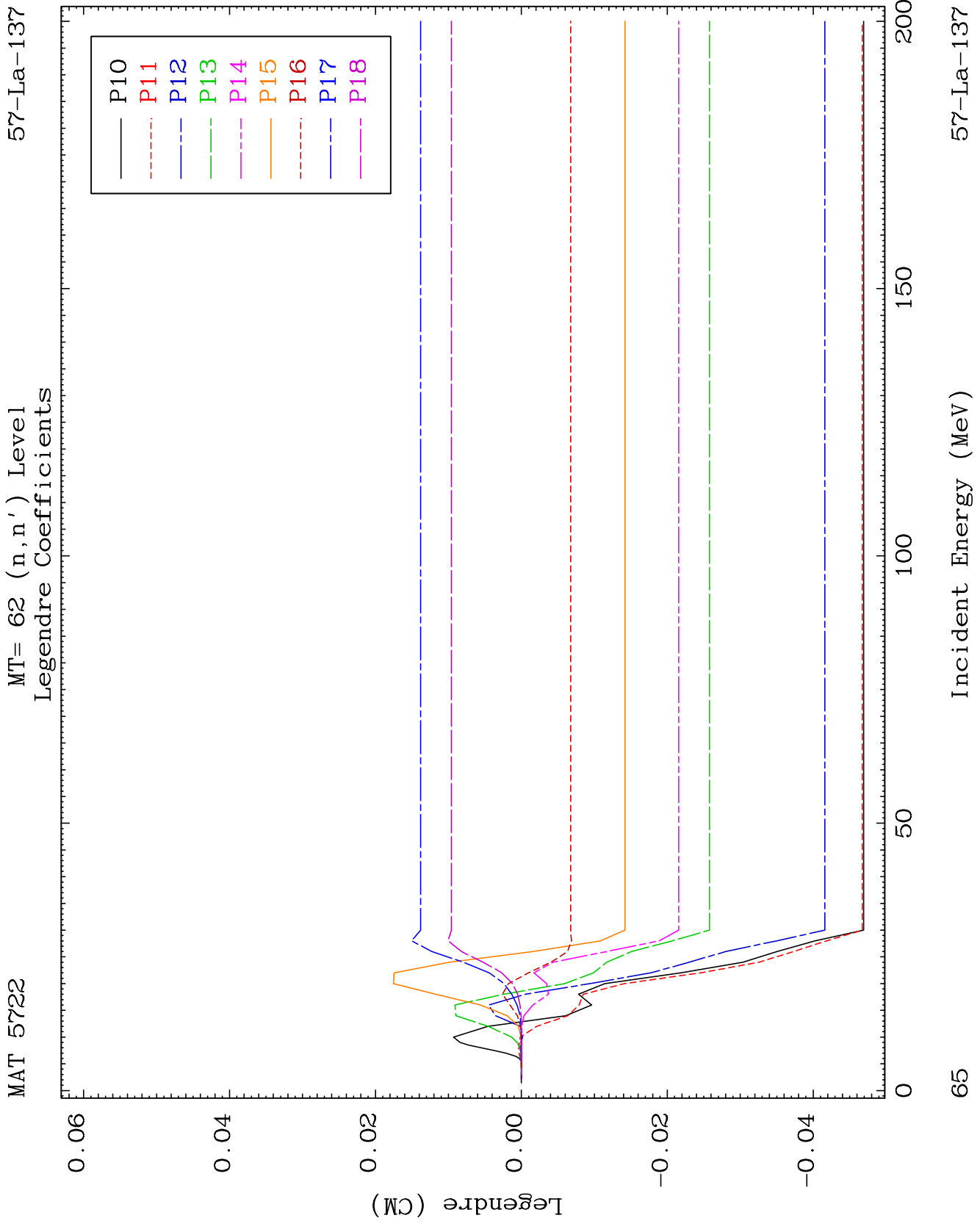
Incident Energy (MeV)

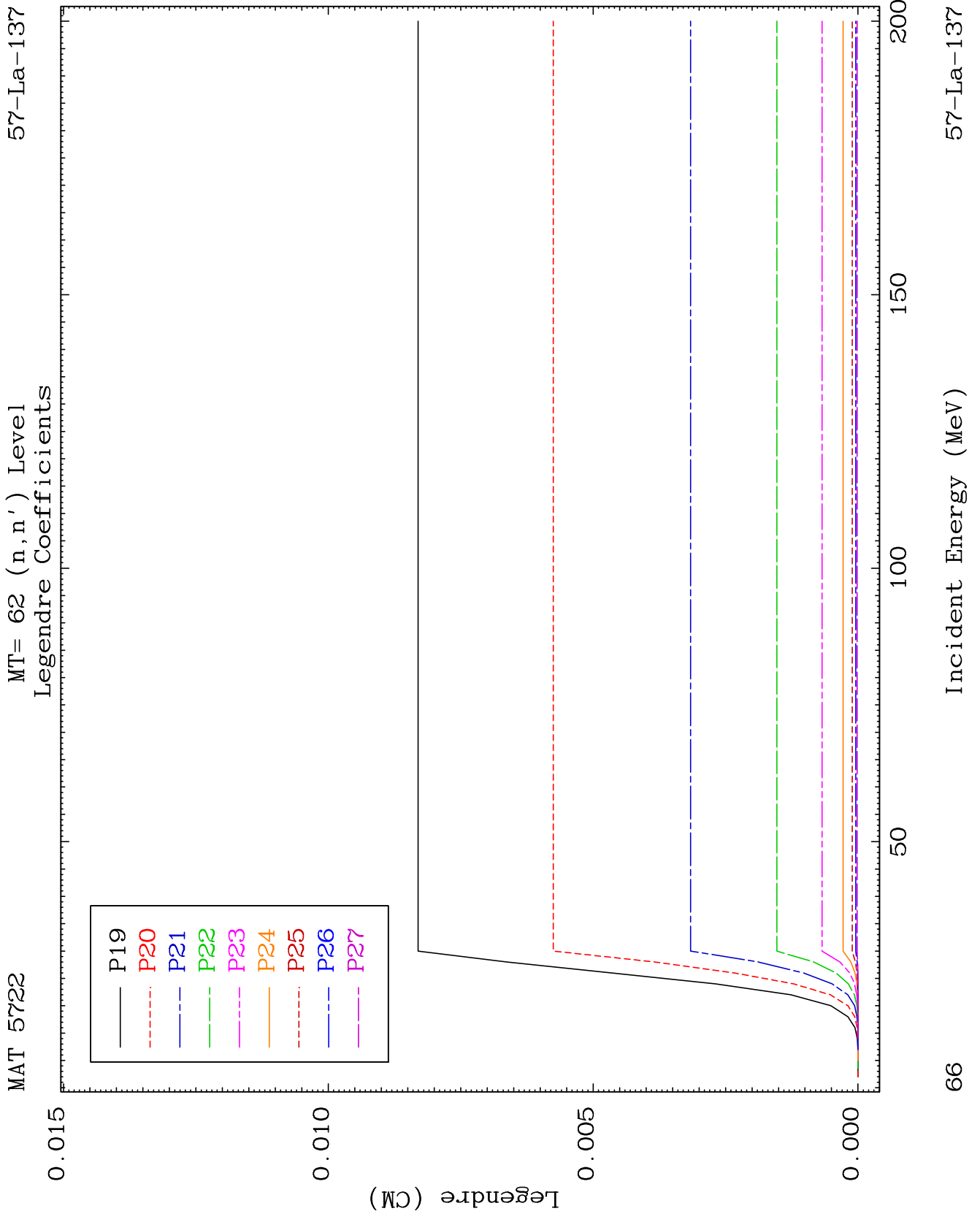
62







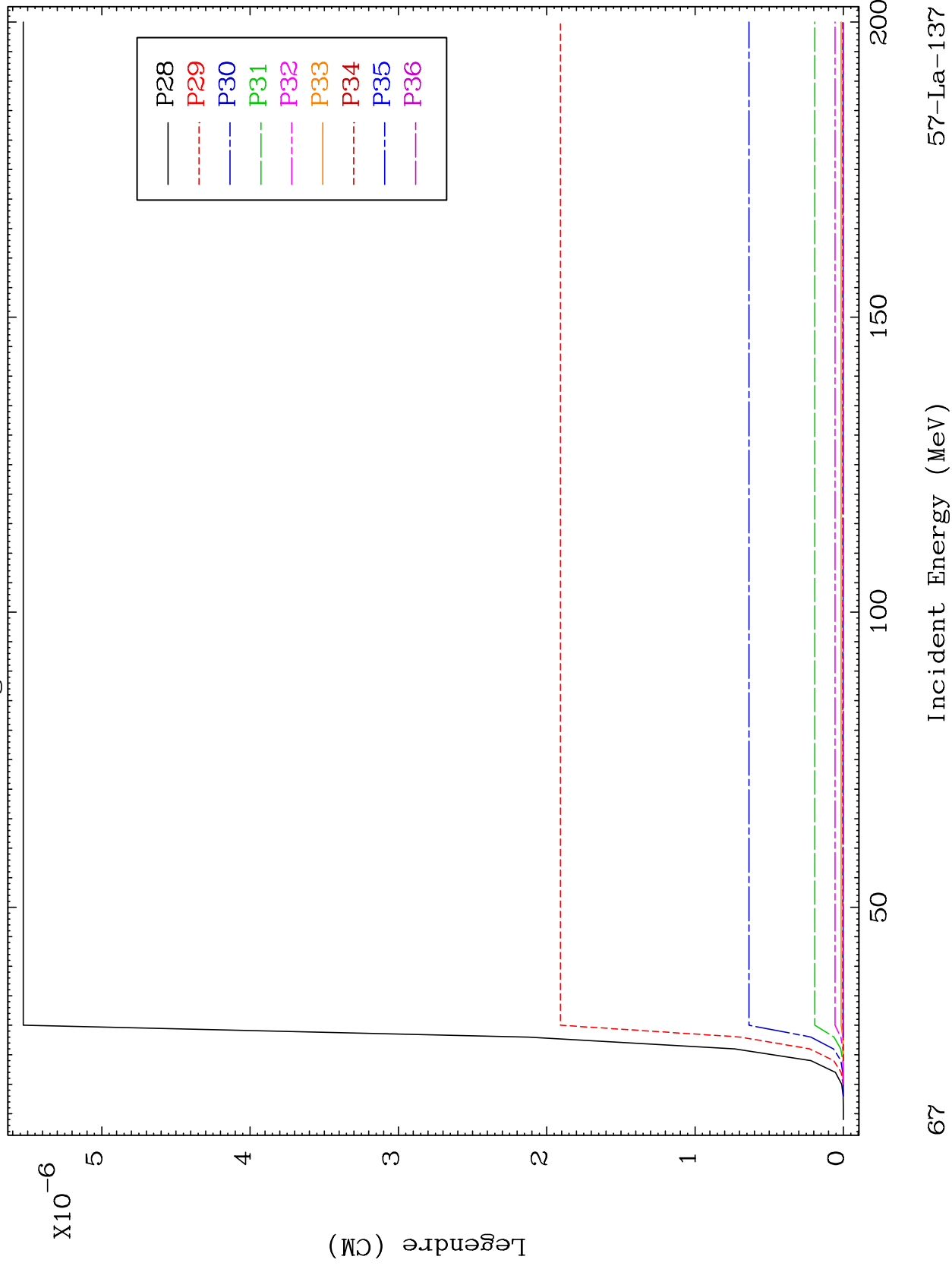


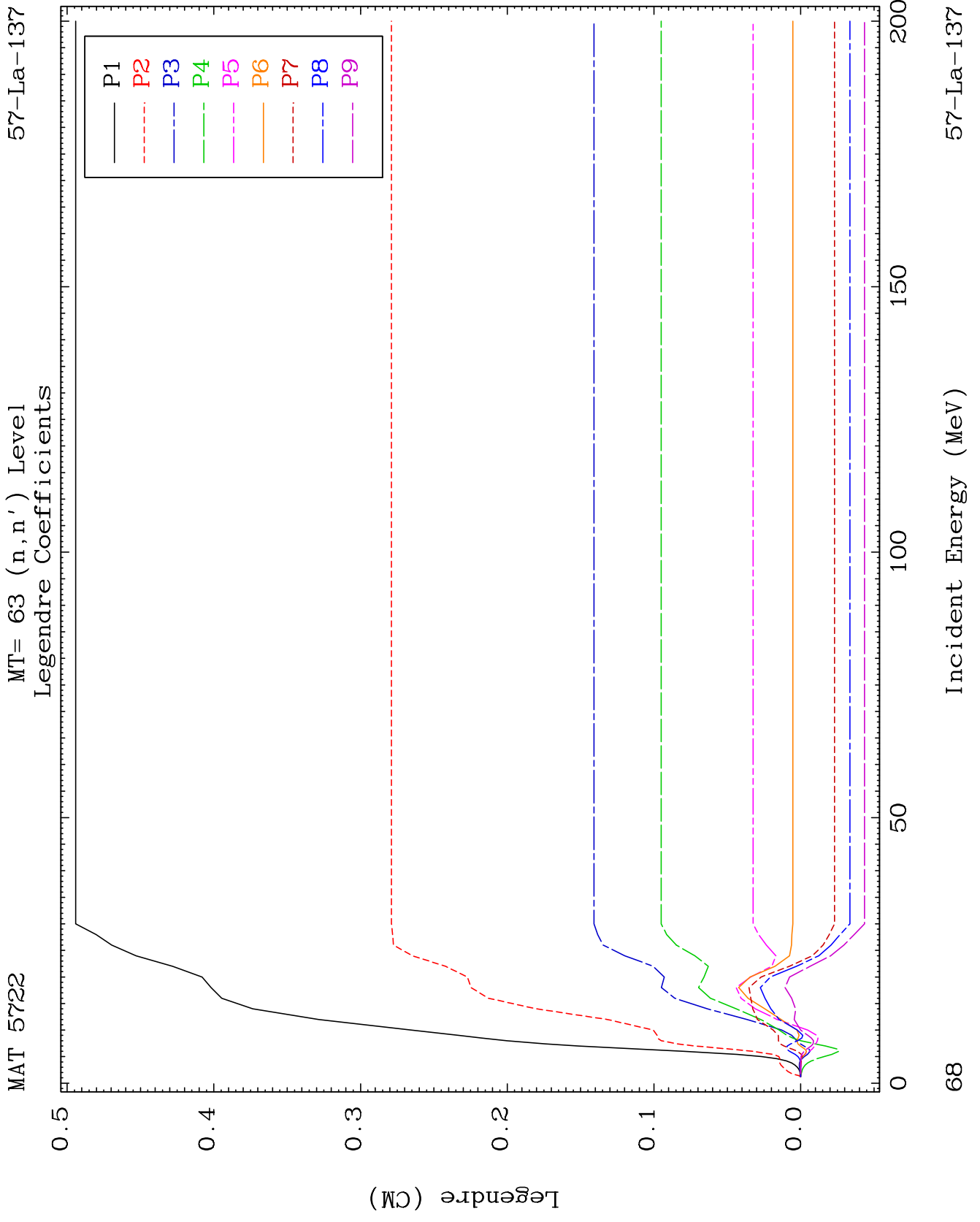


MAT 5722

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

57-La-137

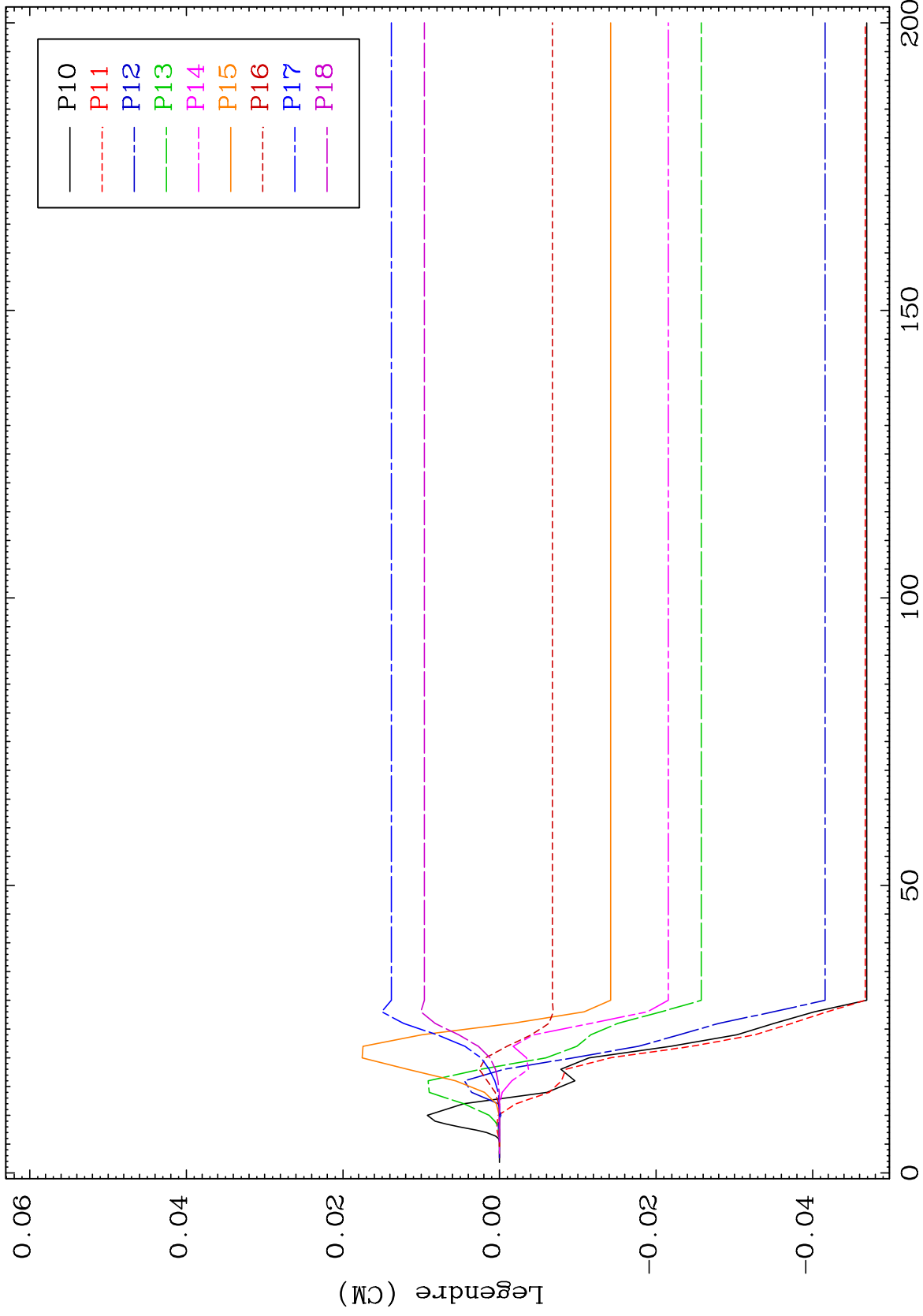




MAT 5722

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

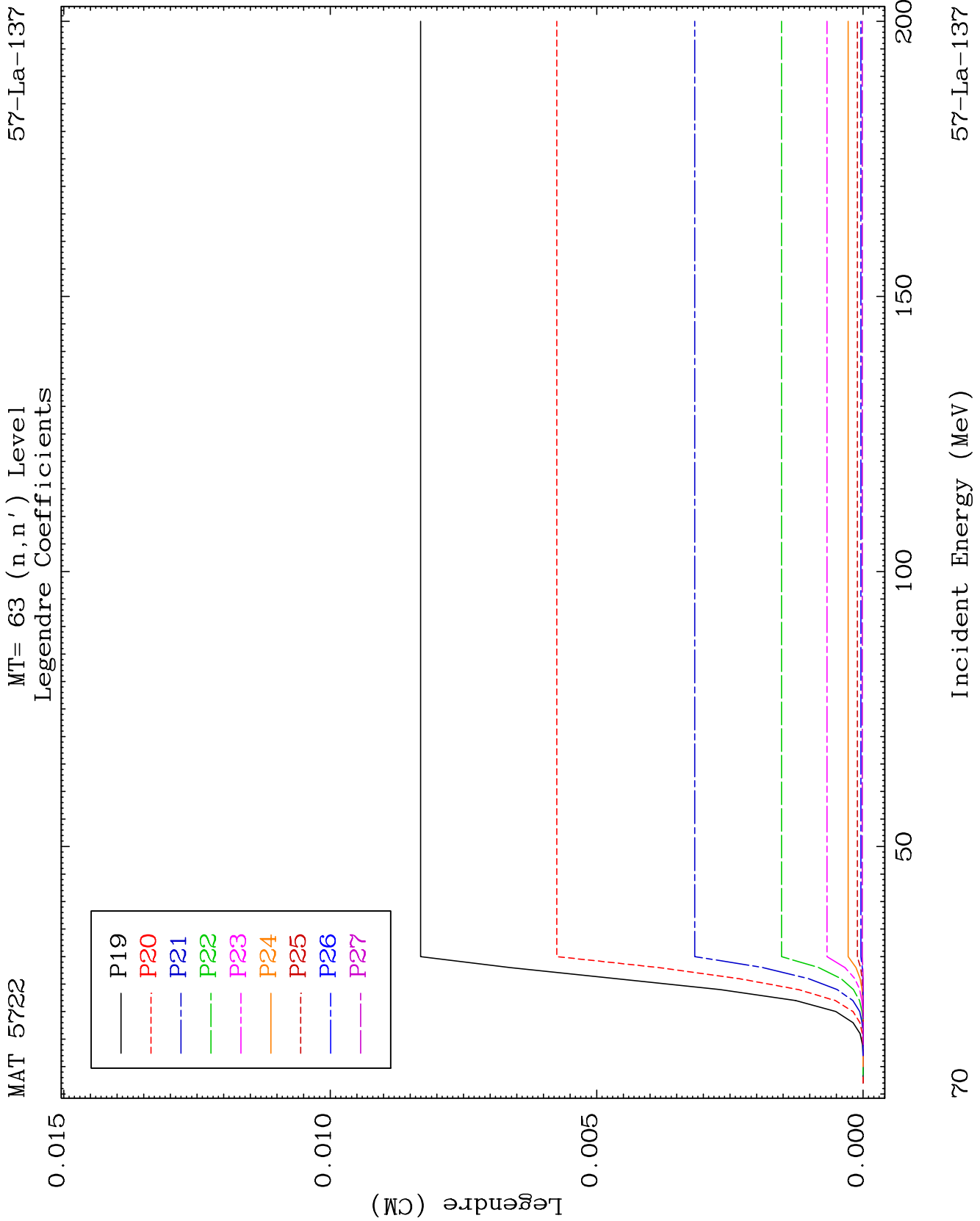
57-La-137



69

Incident Energy (MeV)

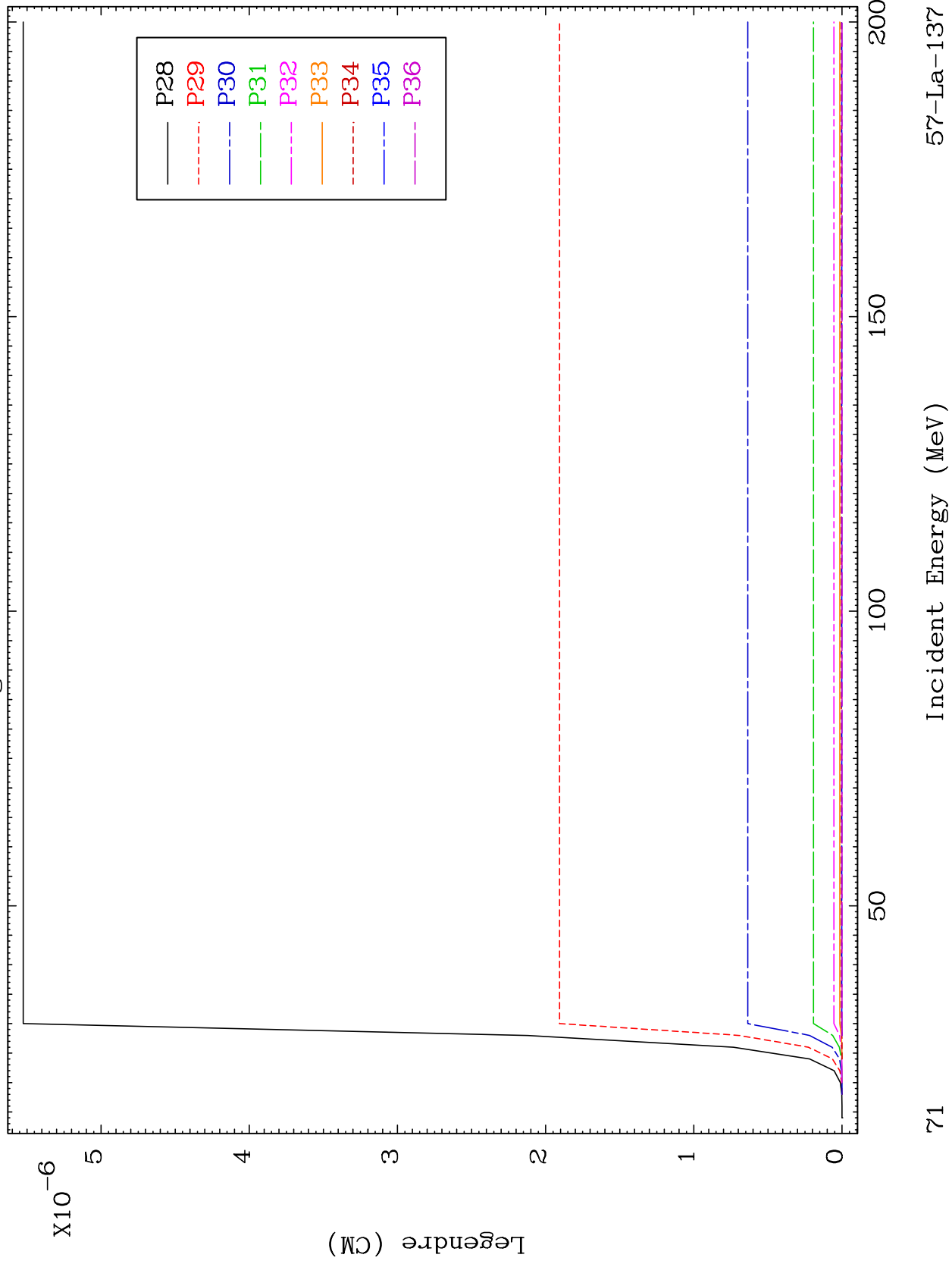
57-La-137



MAT 5722

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

57-La-137

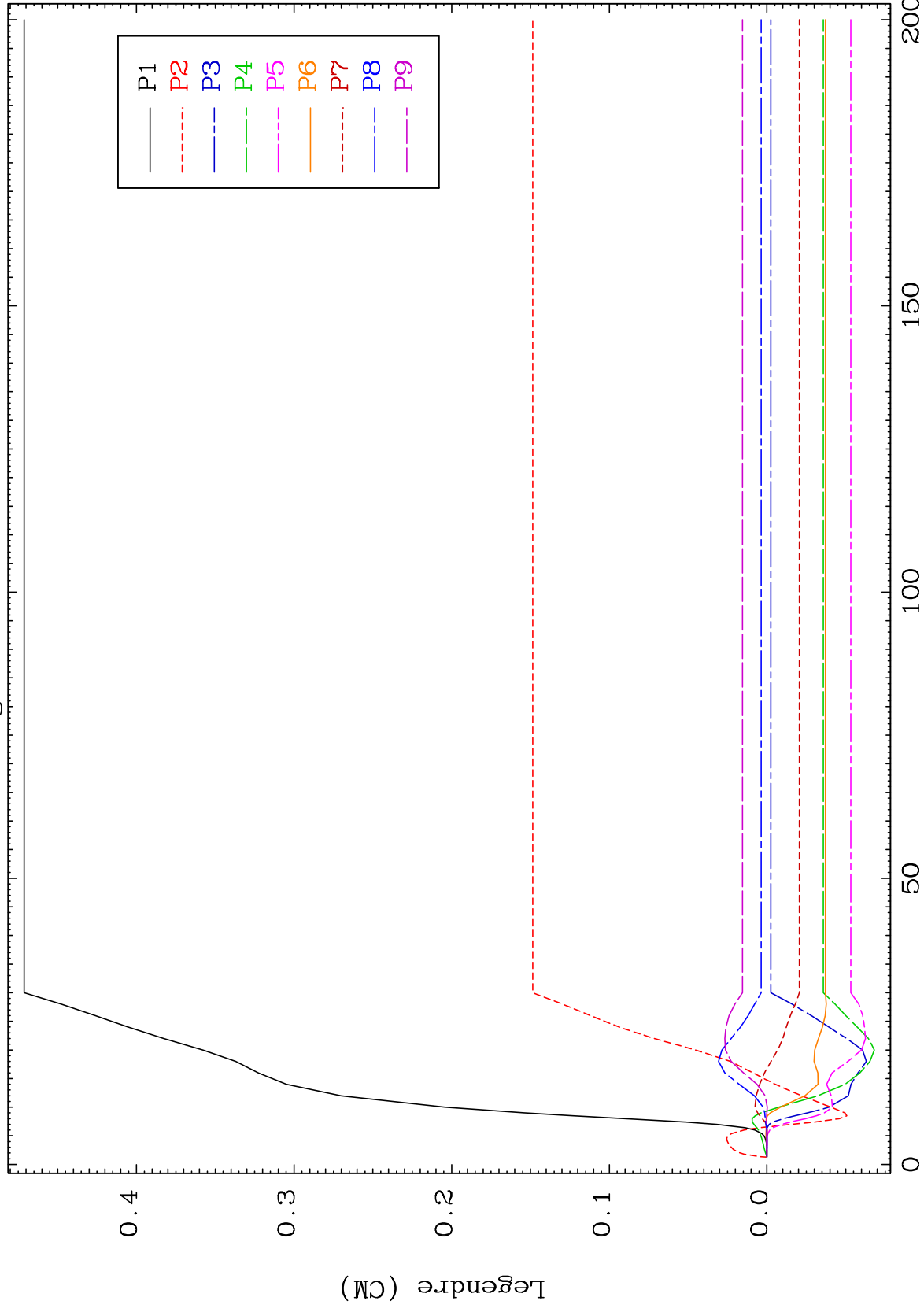




MAT 5722

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

57-La-137



72

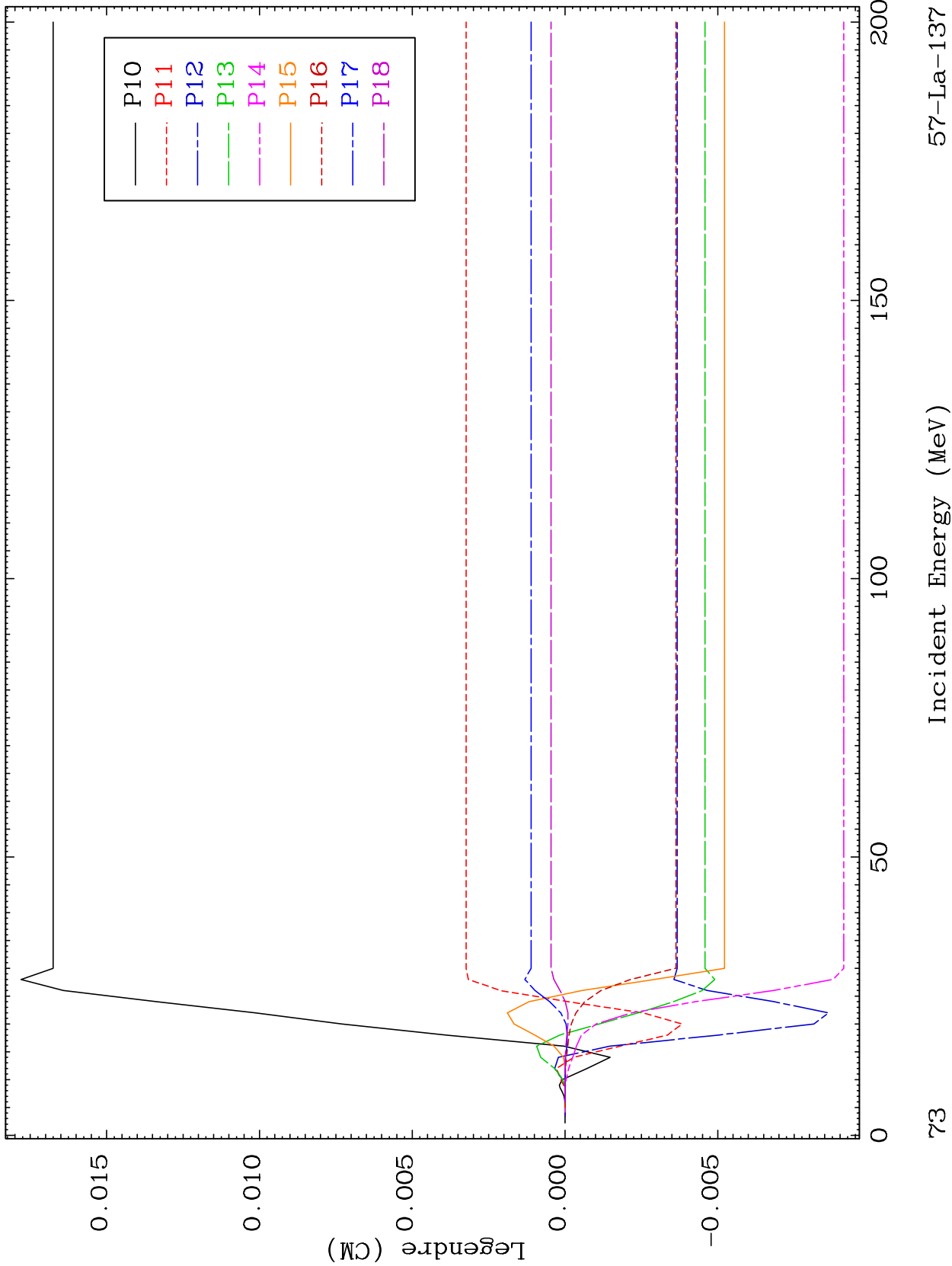
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



57-La-137

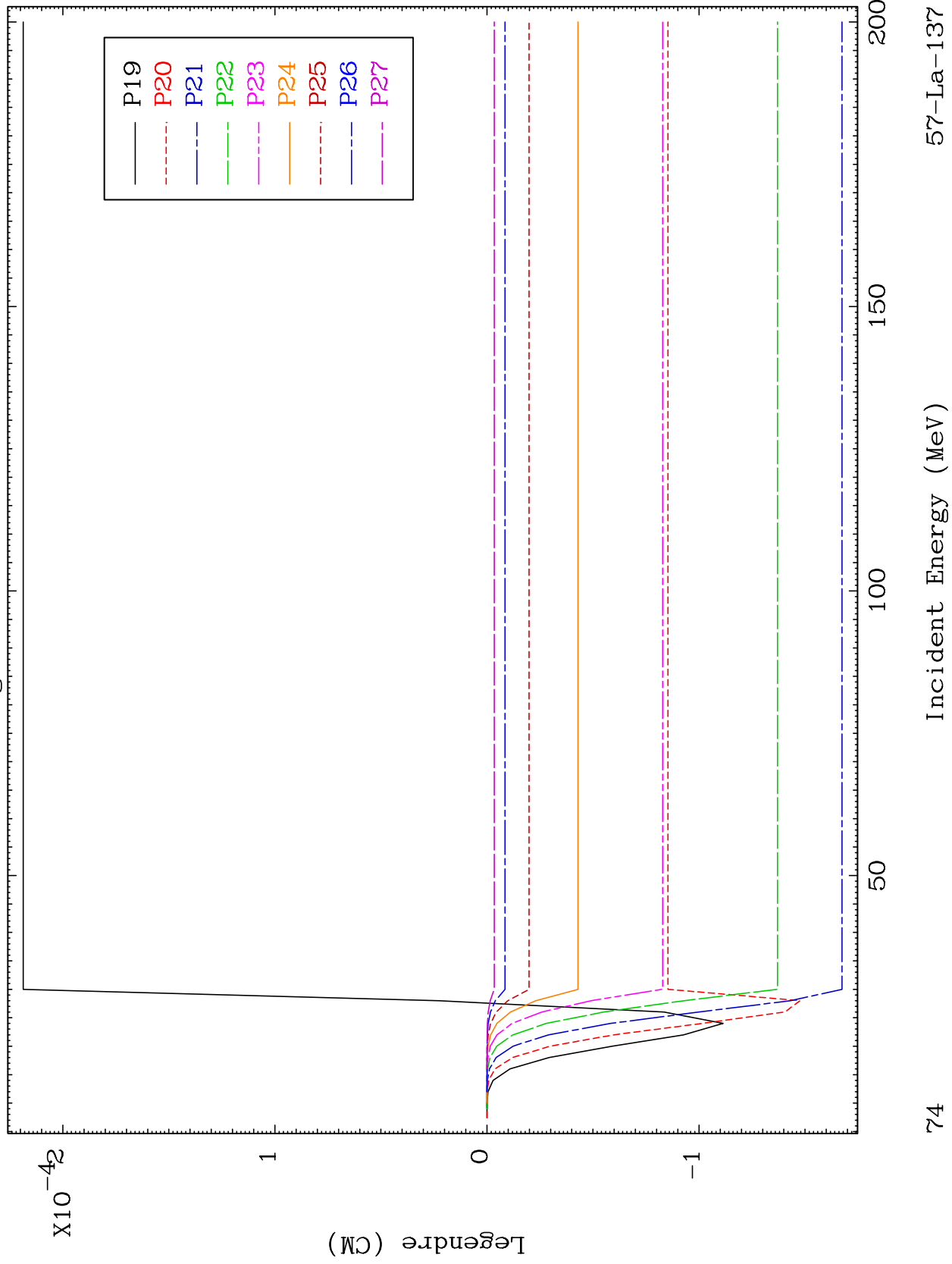
Incident Energy (MeV)

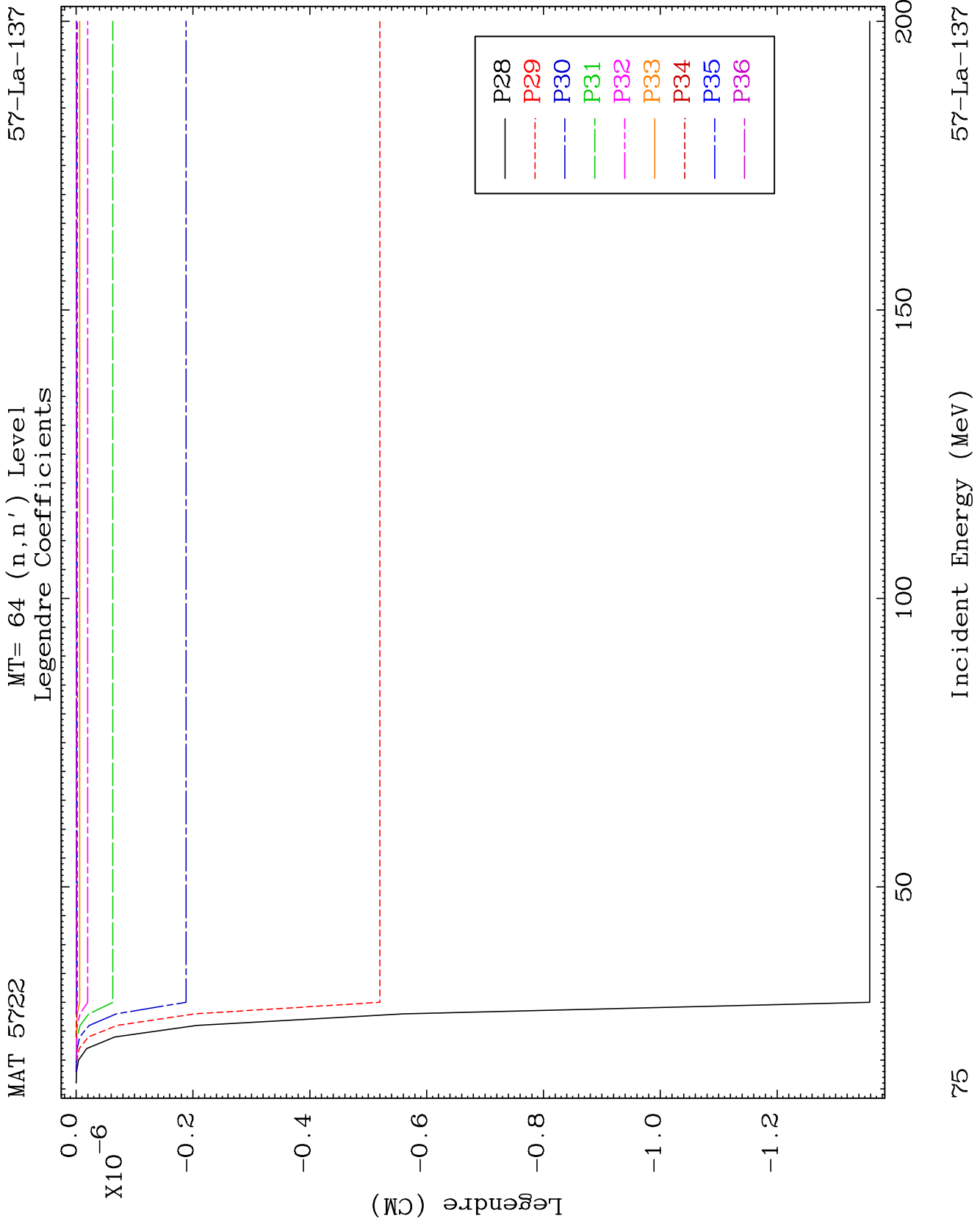
73

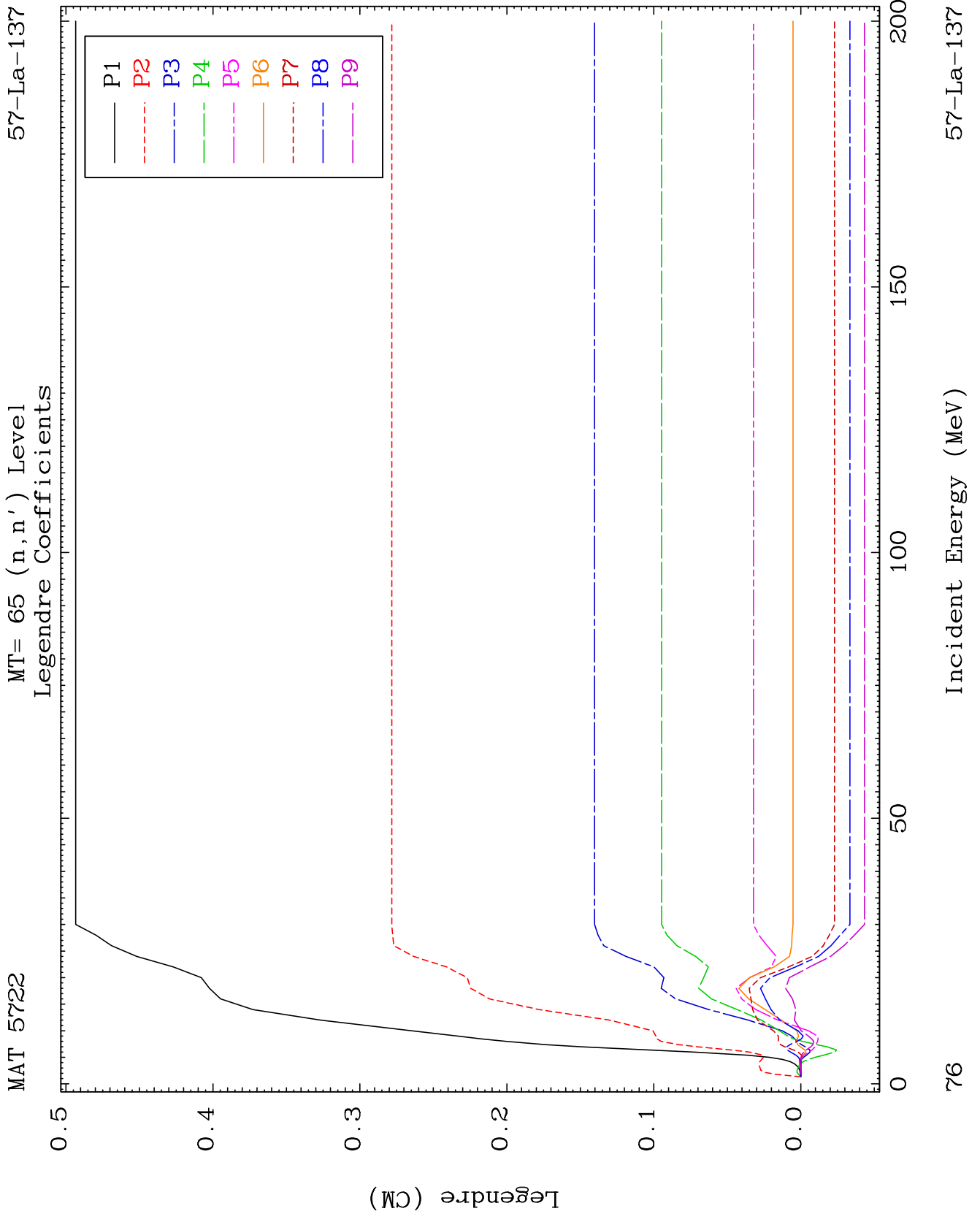
MAT 5722

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

57-La-137



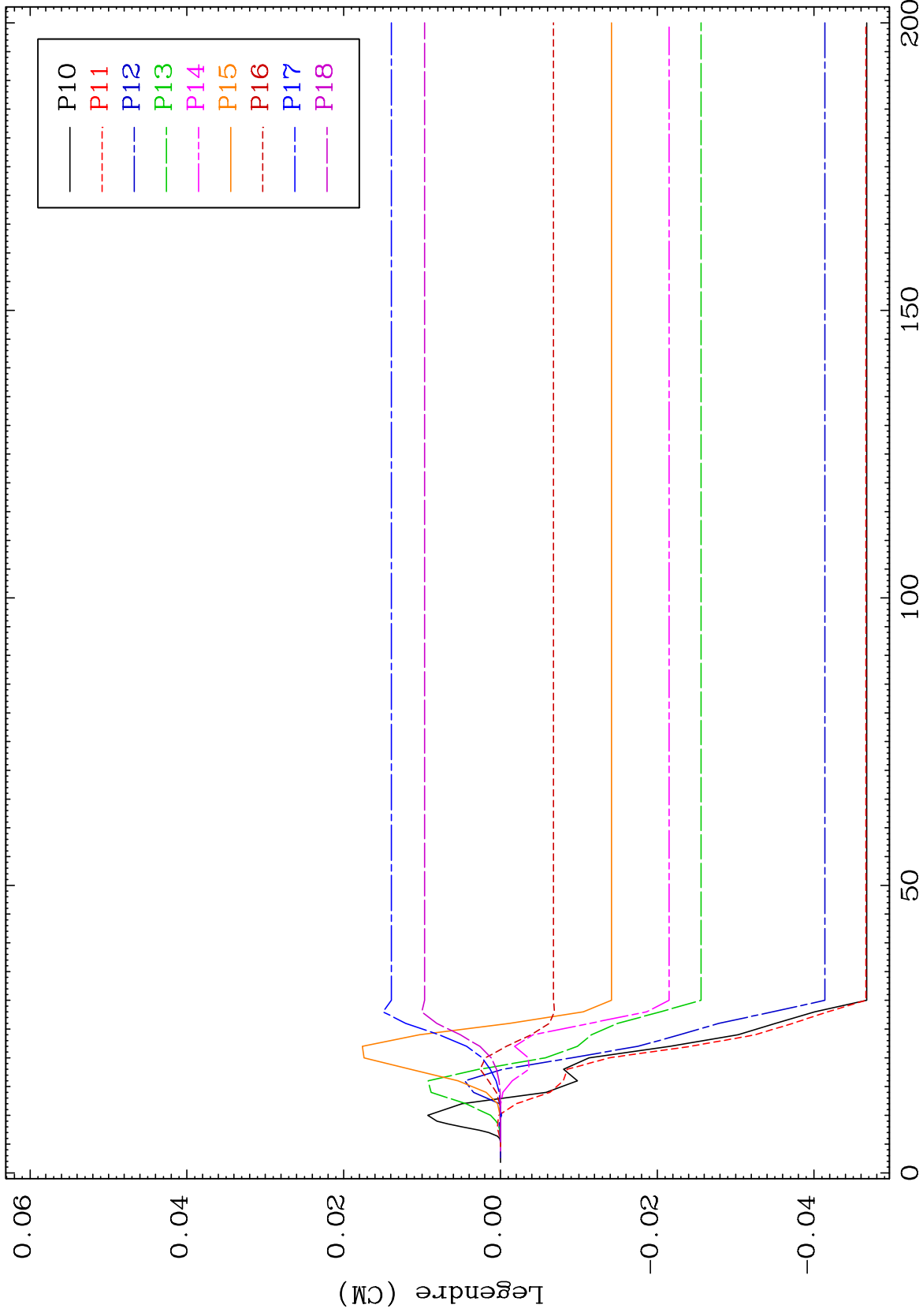




MAT 5722

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

57-La-137



77

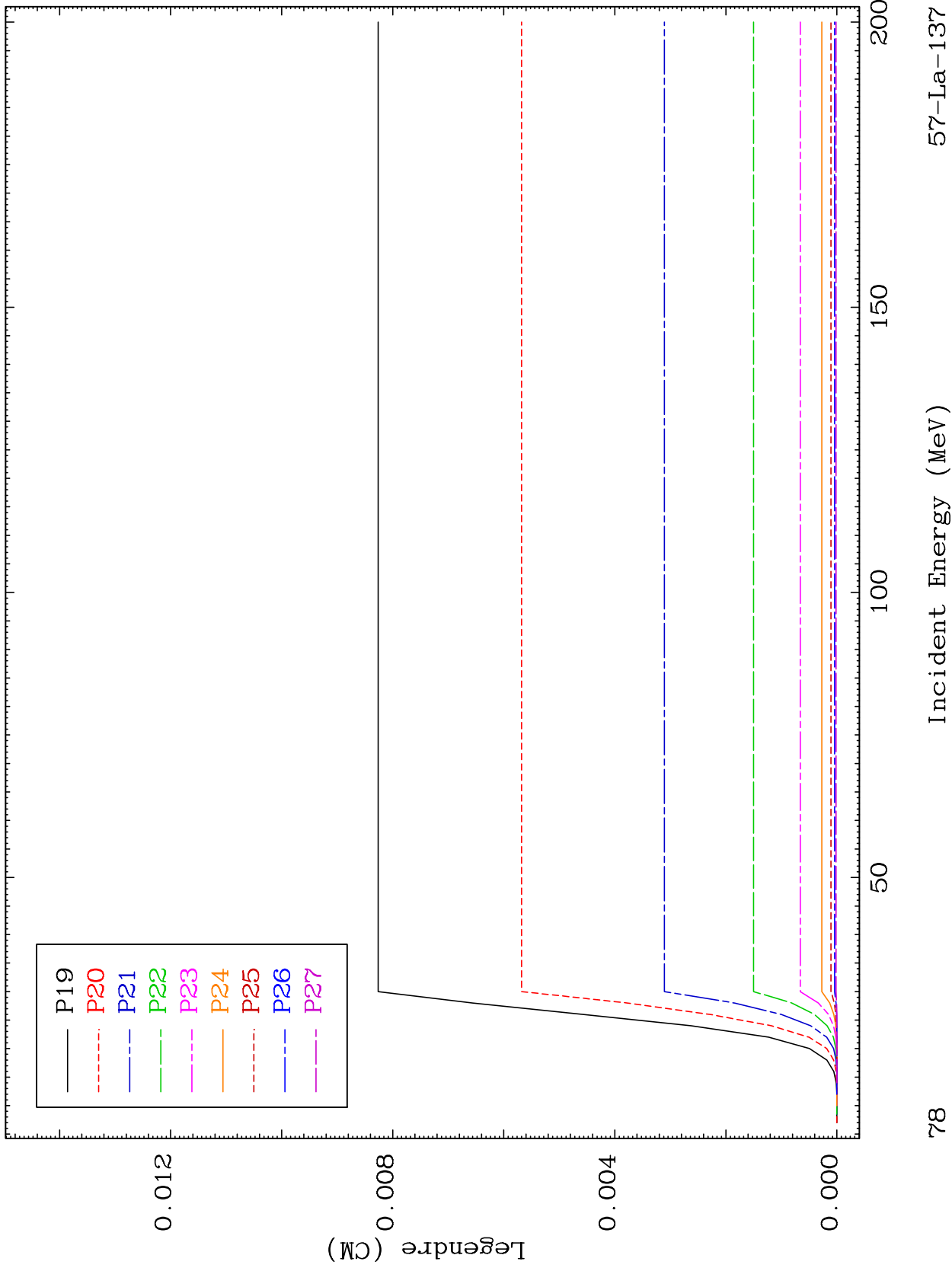
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



78

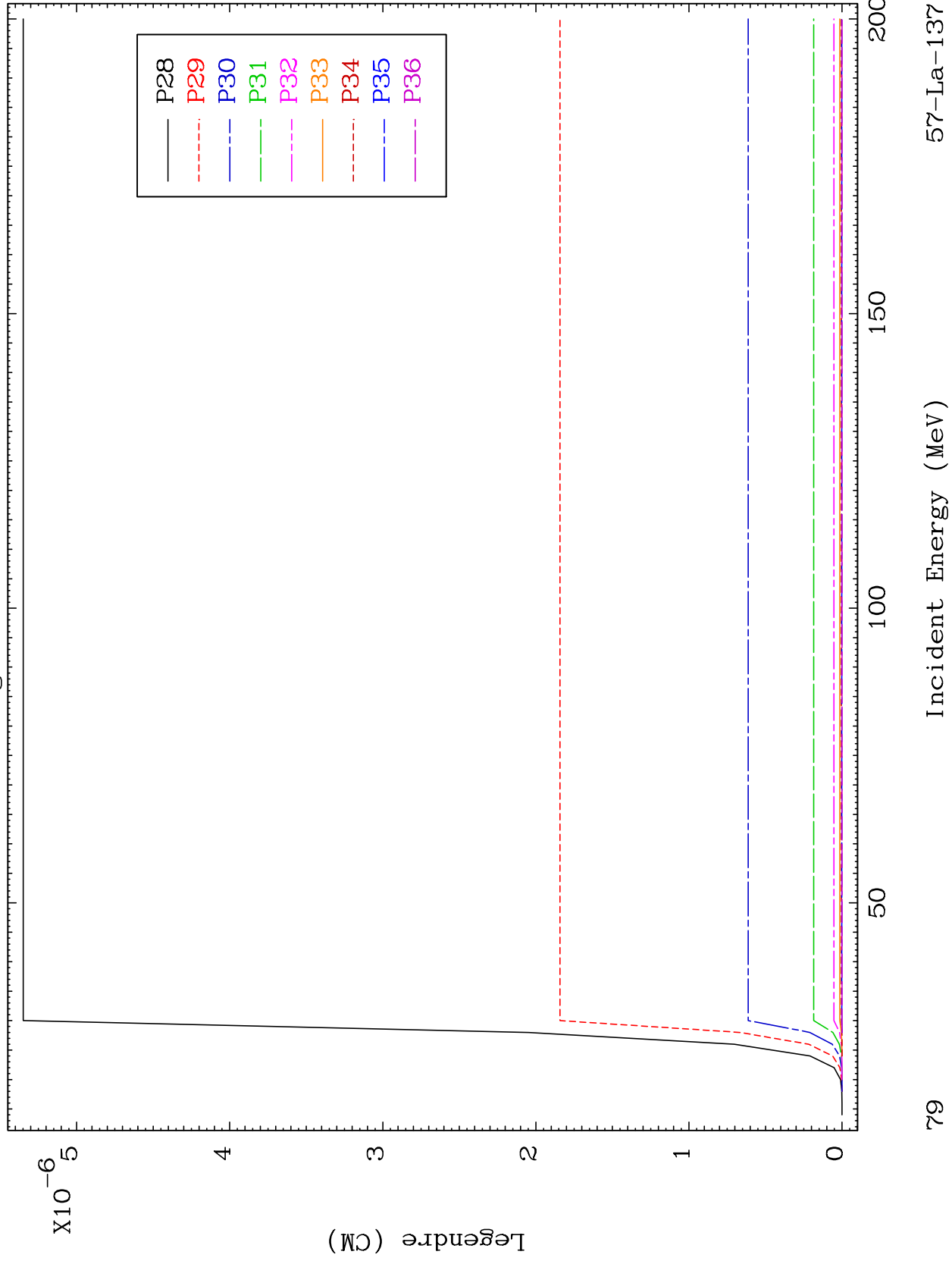
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137

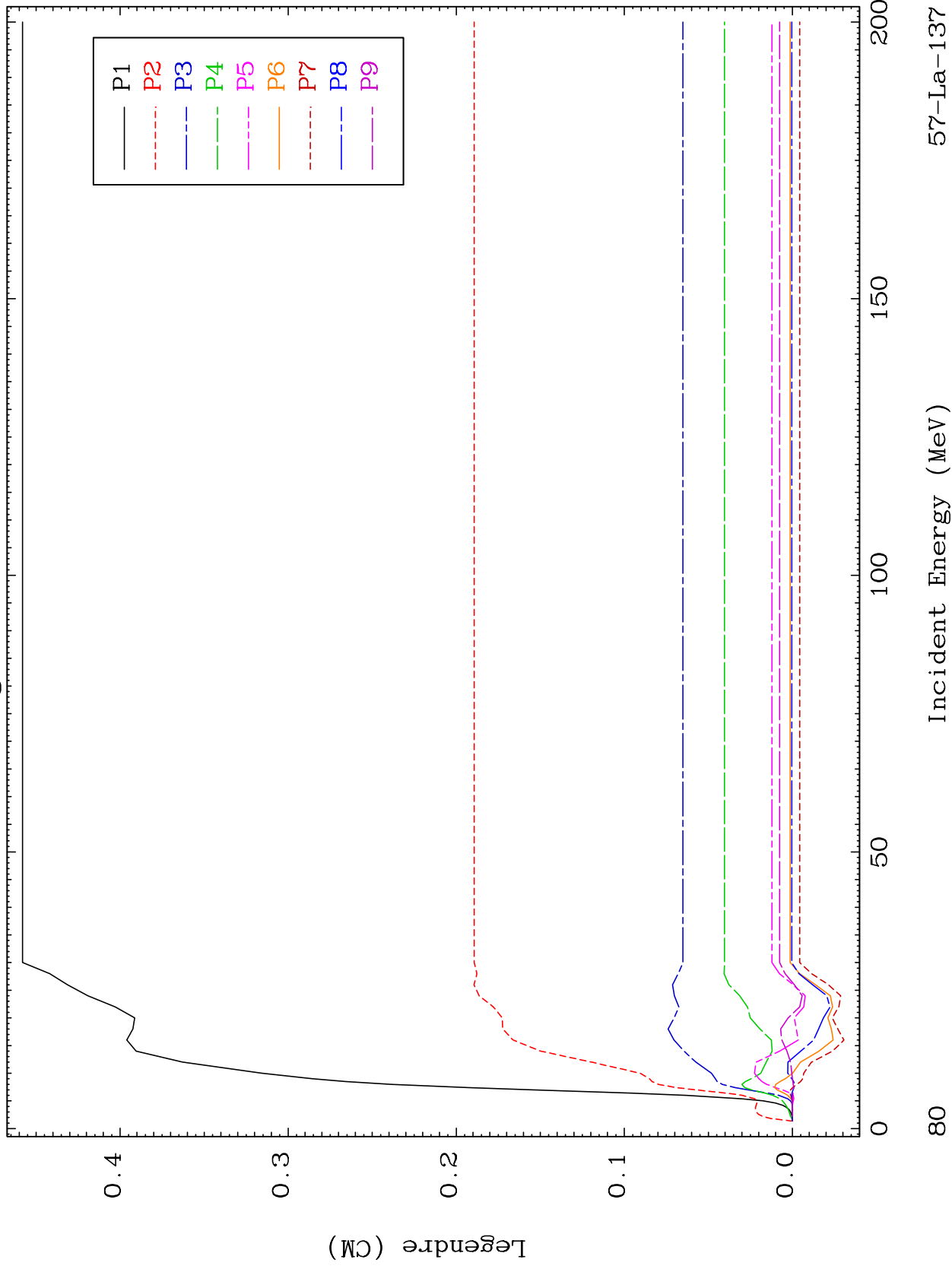




MAT 5722

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

57-La-137



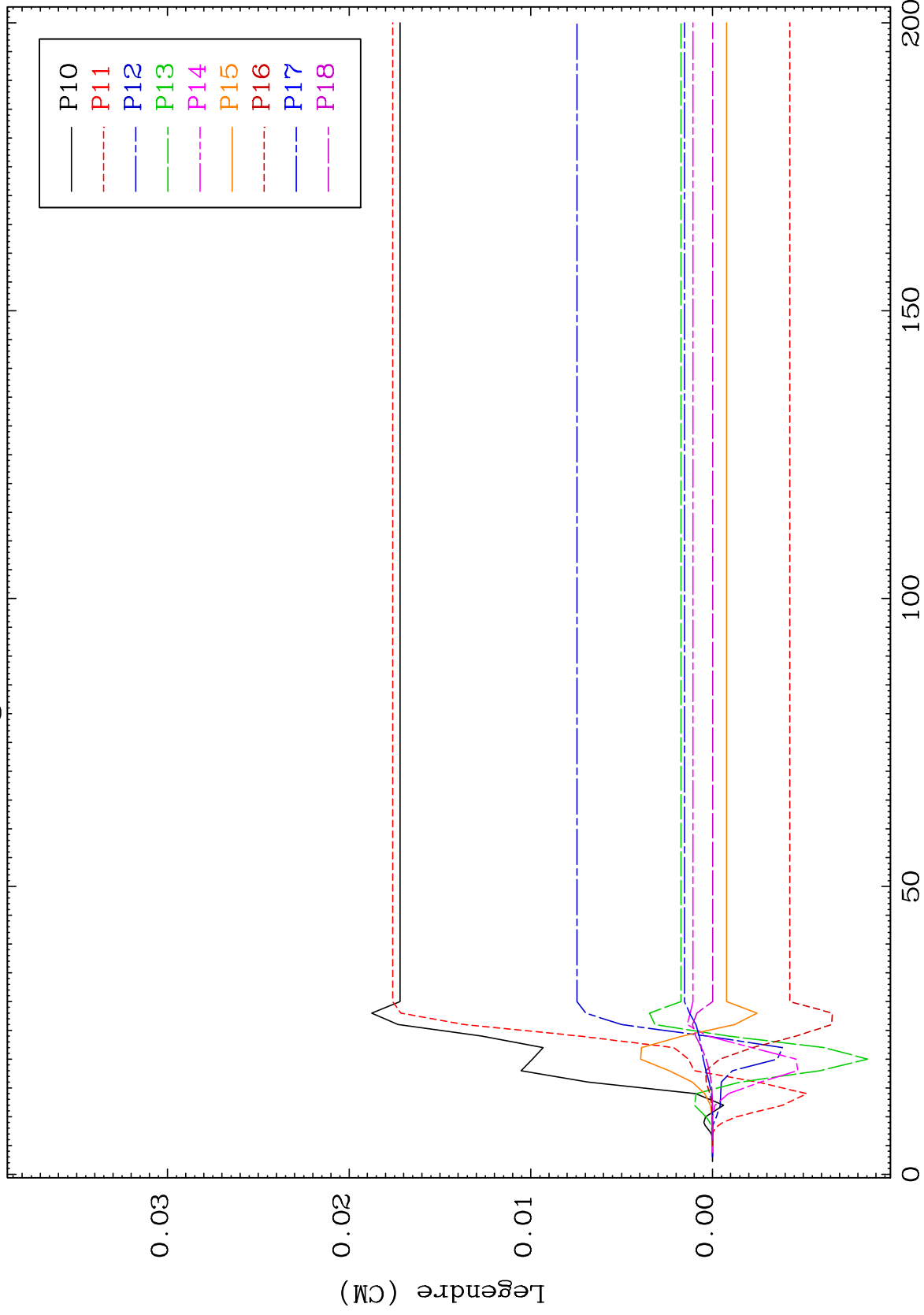
57-La-137

Incident Energy (MeV)

MAT 5722

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

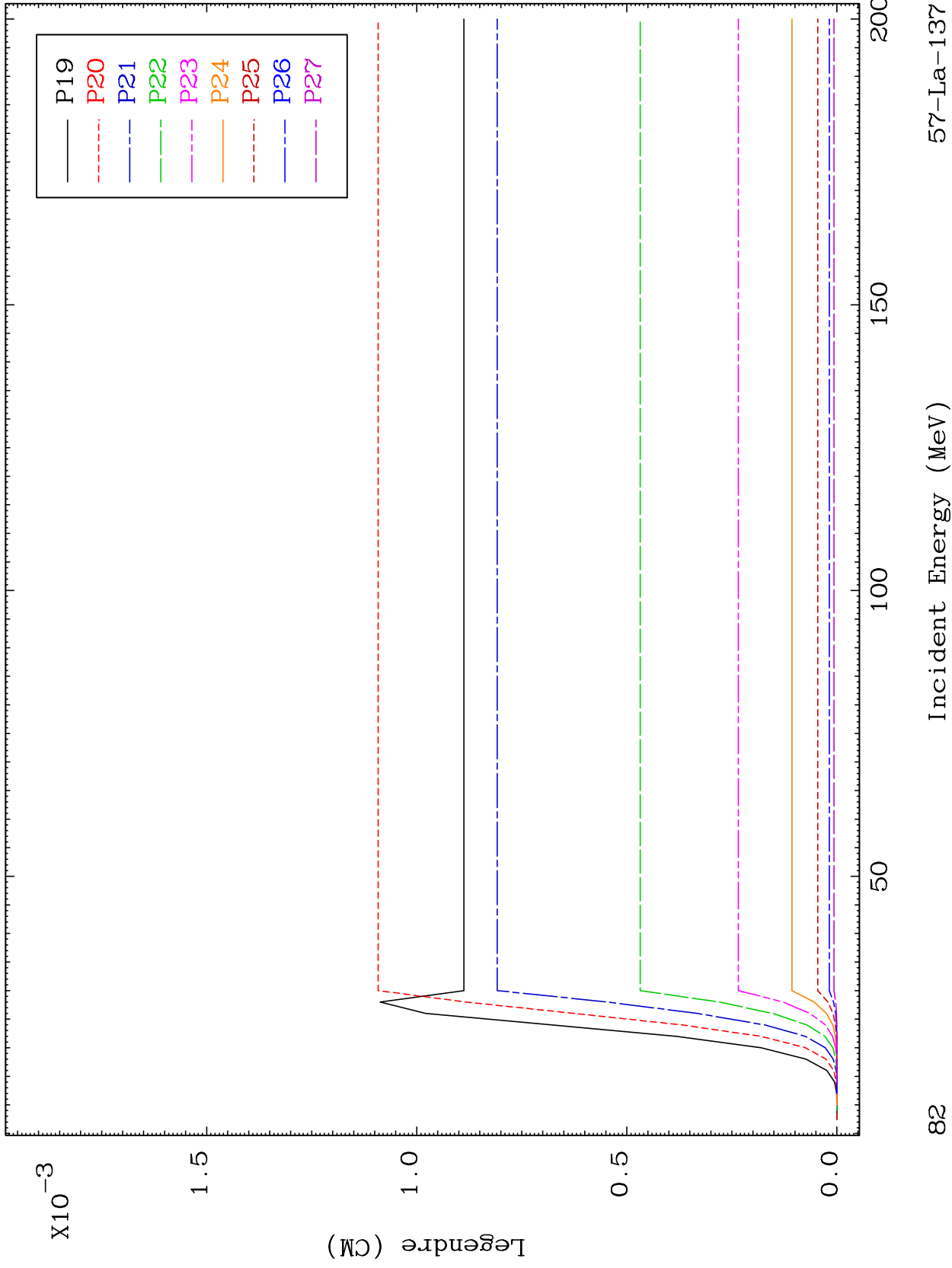
57-La-137

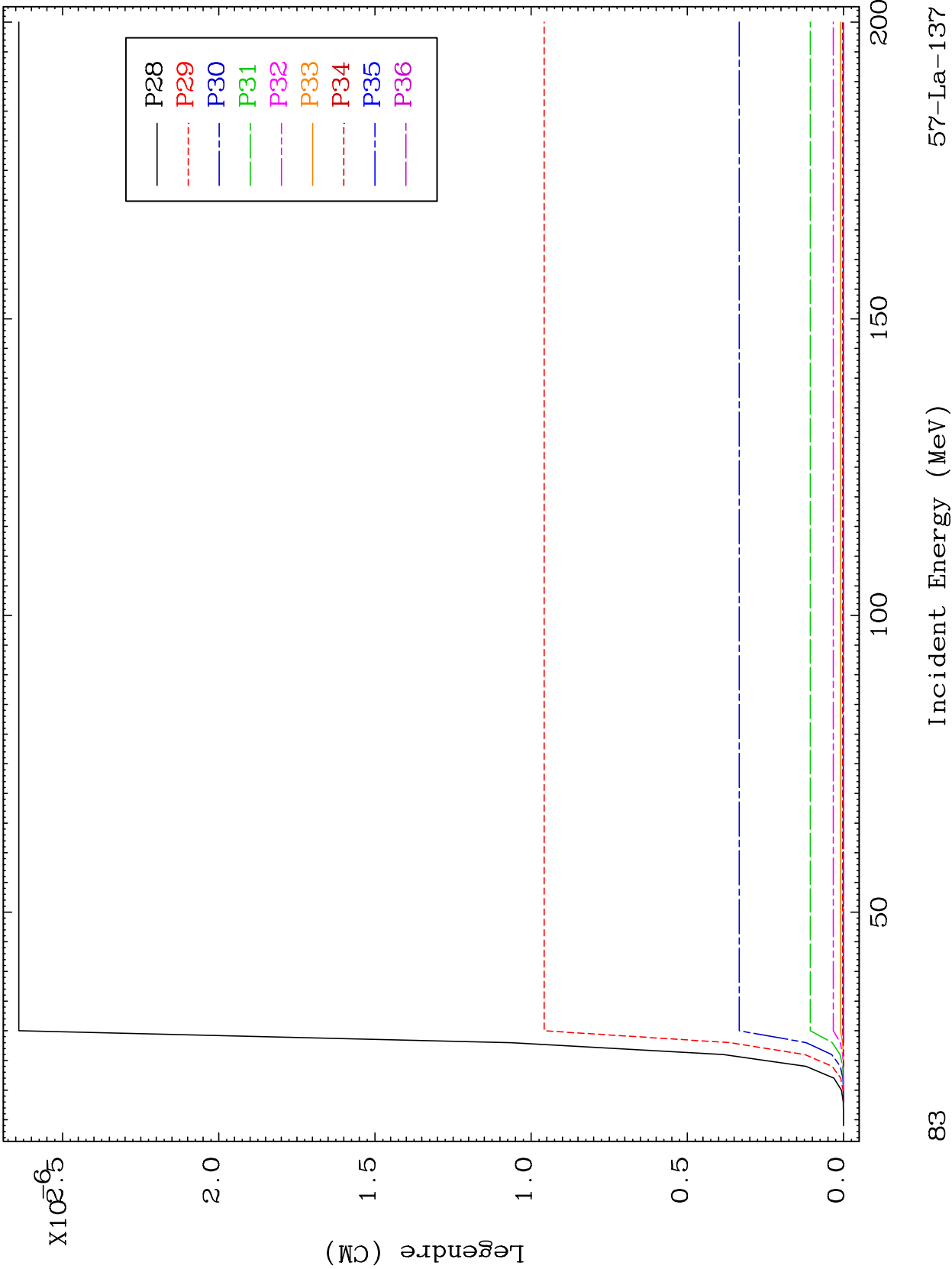


81

Incident Energy (MeV)

57-La-137

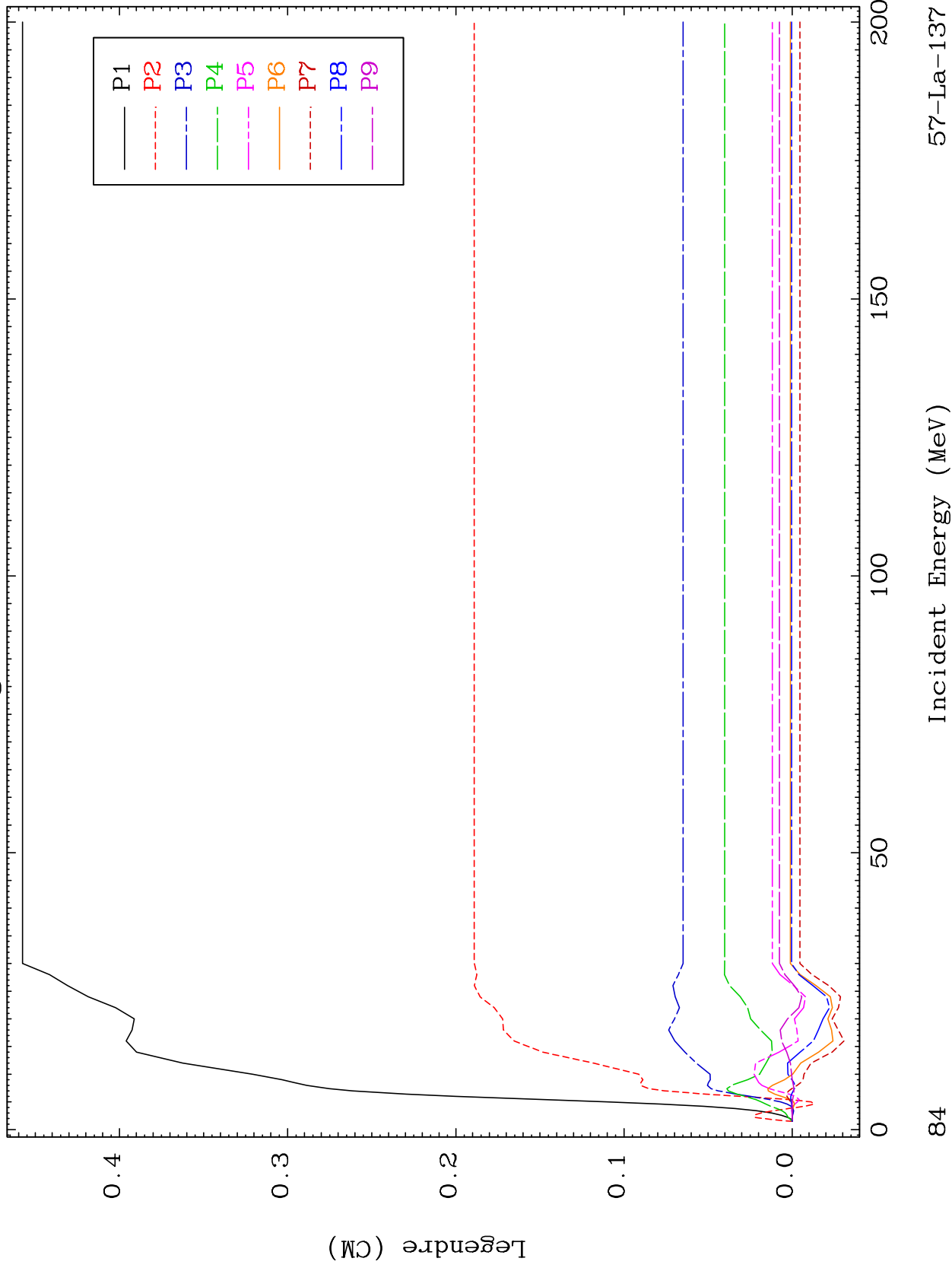




MAT 5722

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

57-La-137



57-La-137

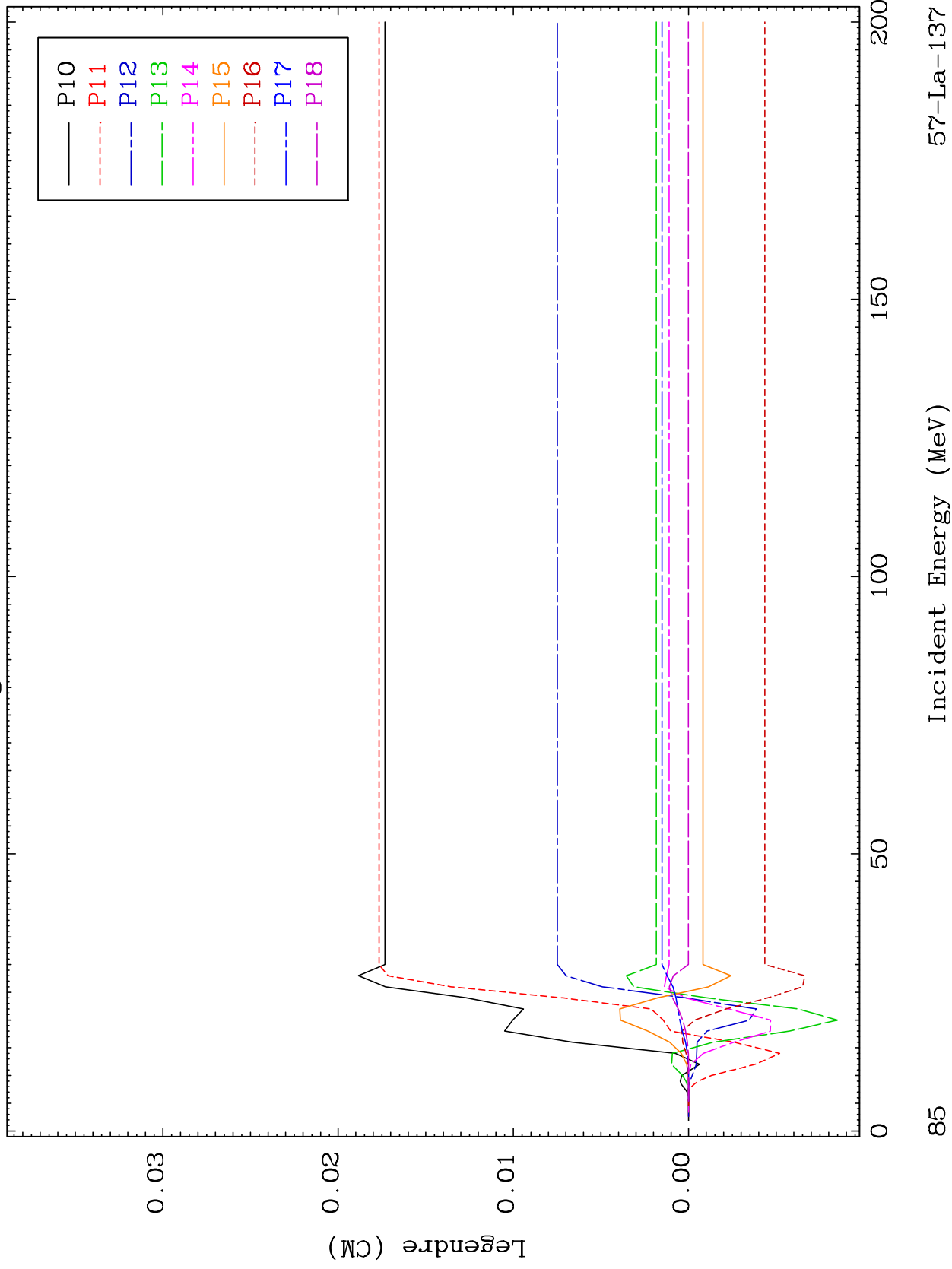
Incident Energy (MeV)

84

MAT 5722

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

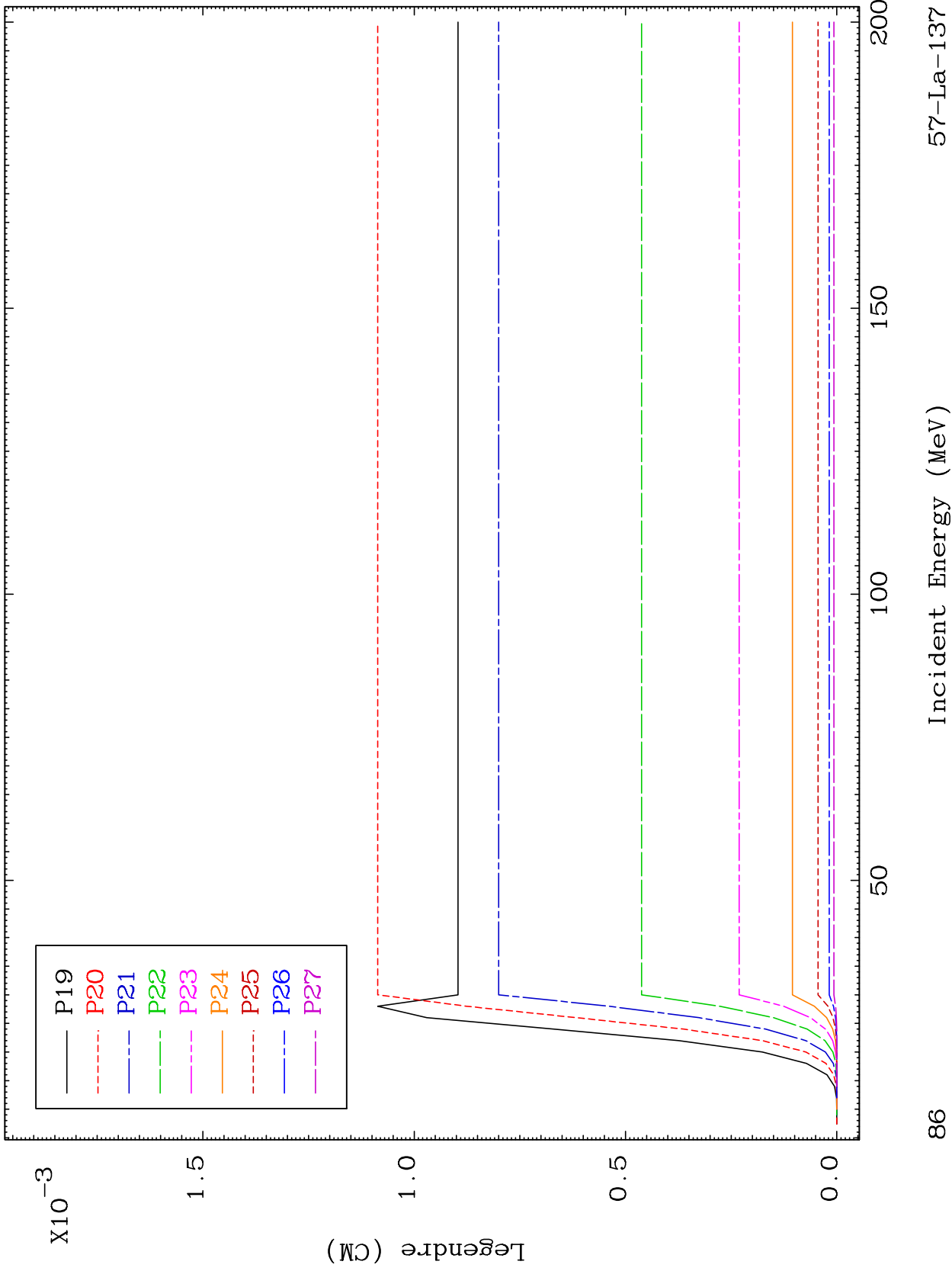
57-La-137



57-La-137

Incident Energy (MeV)

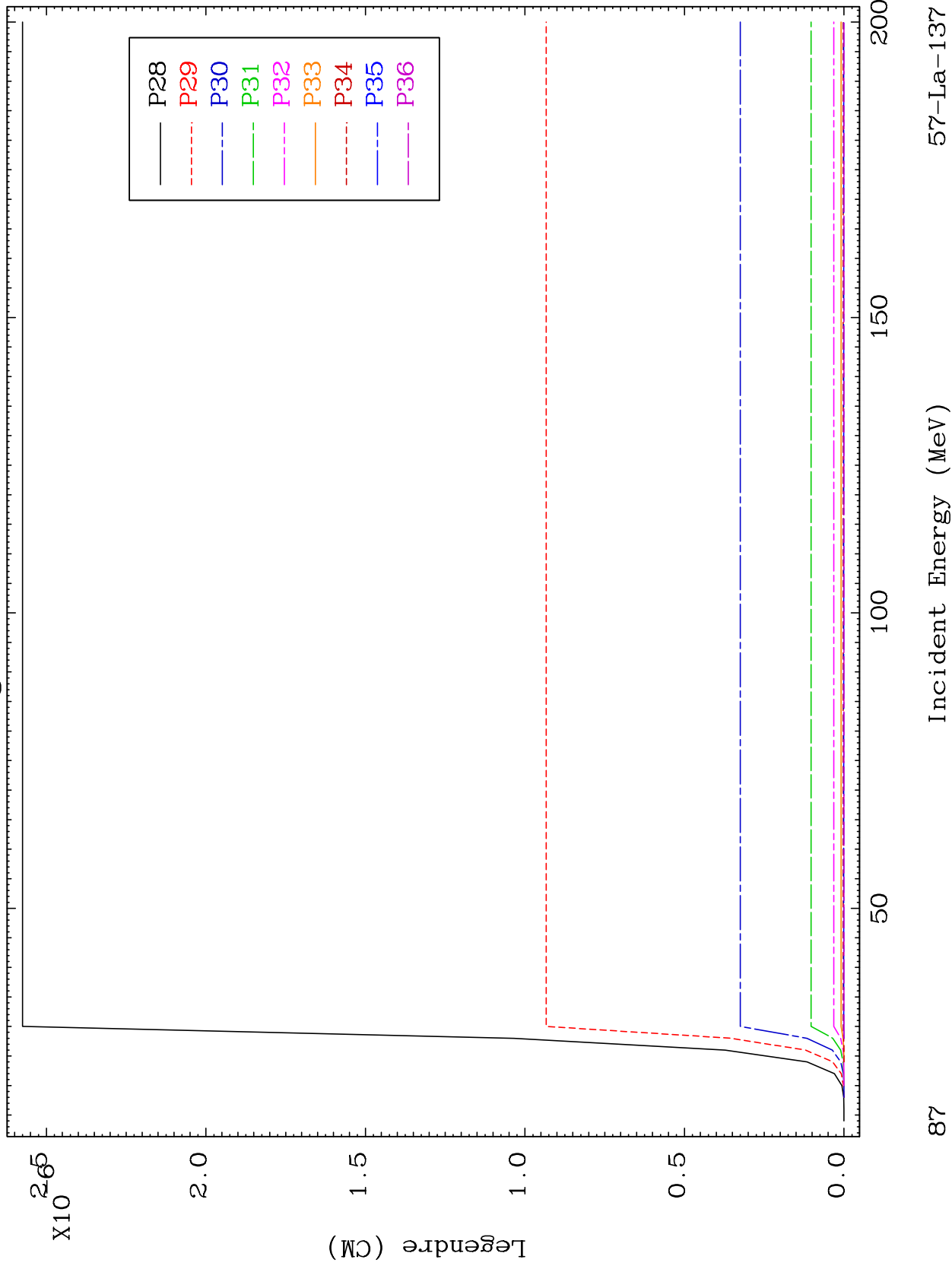
85



MAT 5722

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

57-La-137

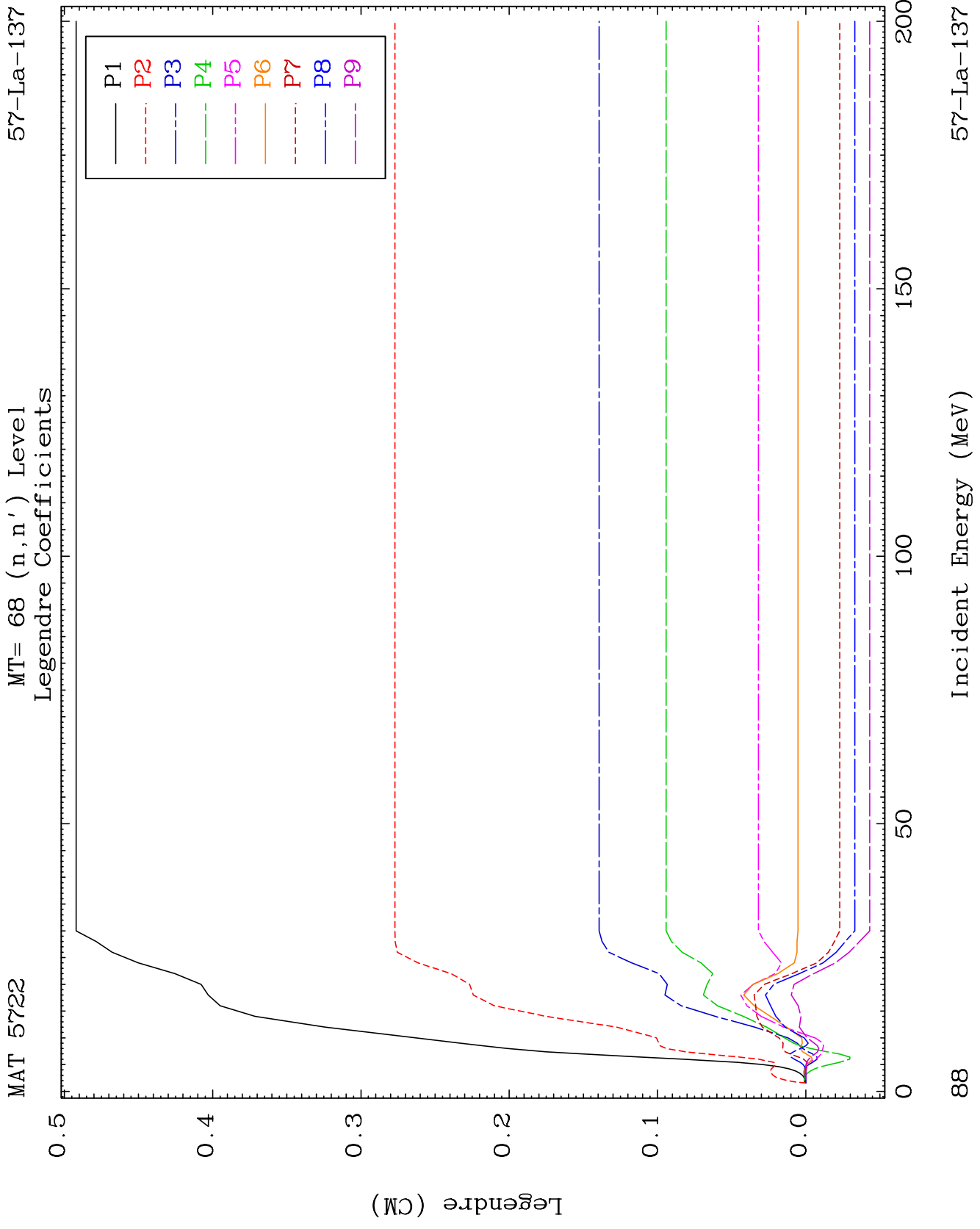


87

Incident Energy (MeV)

57-La-137

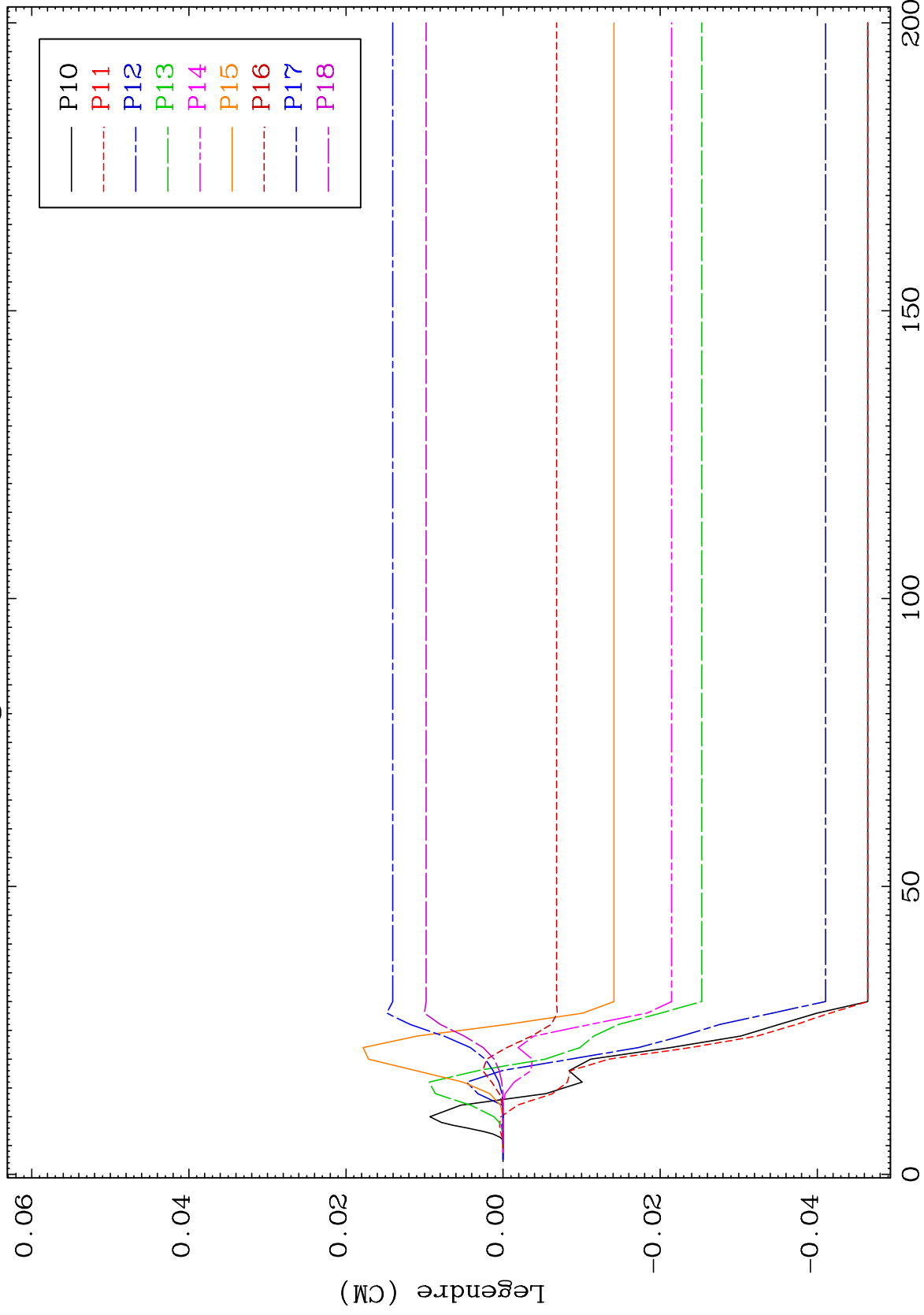




MAT 5722

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

57-La-137



89

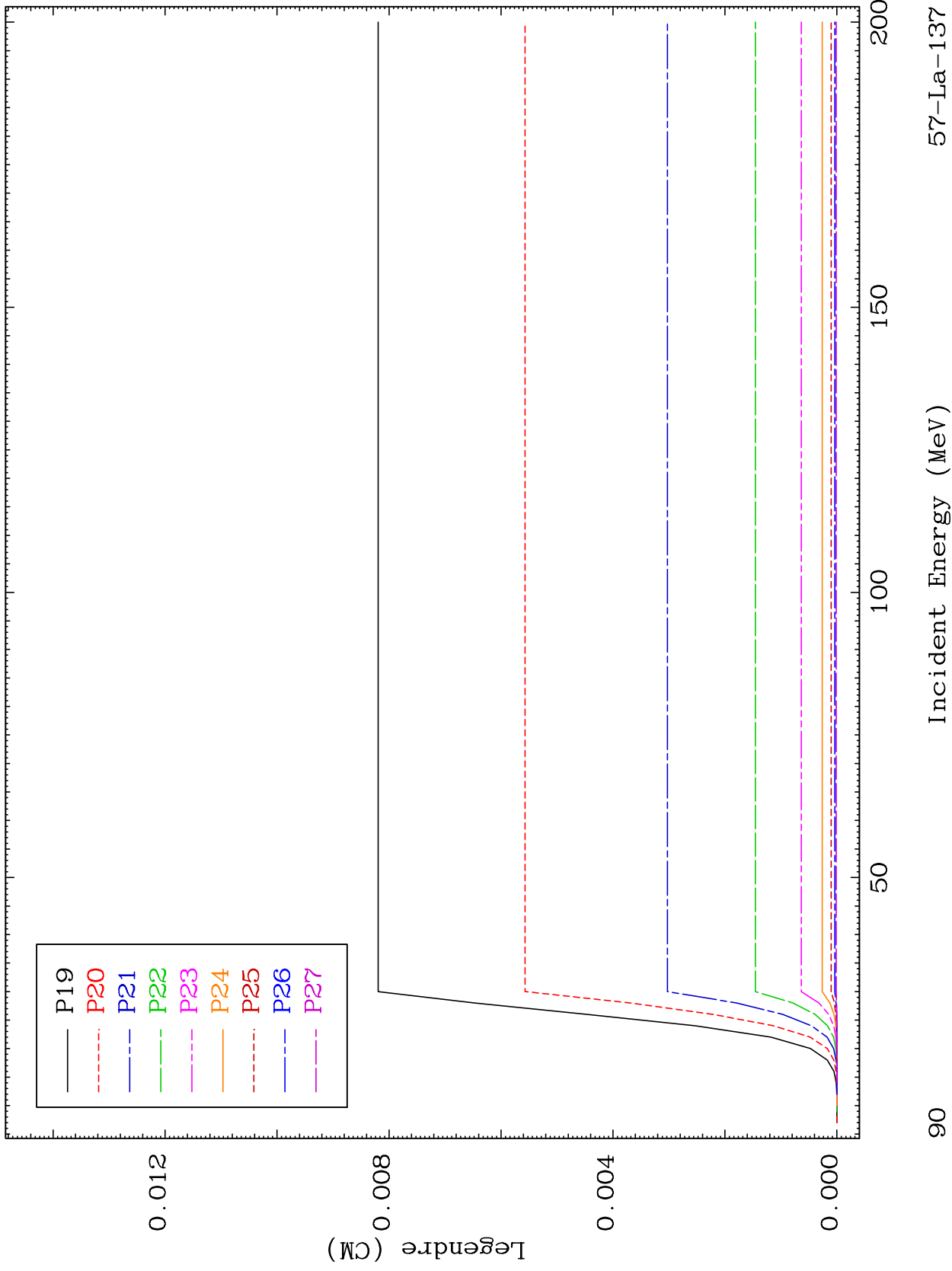
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



57-La-137

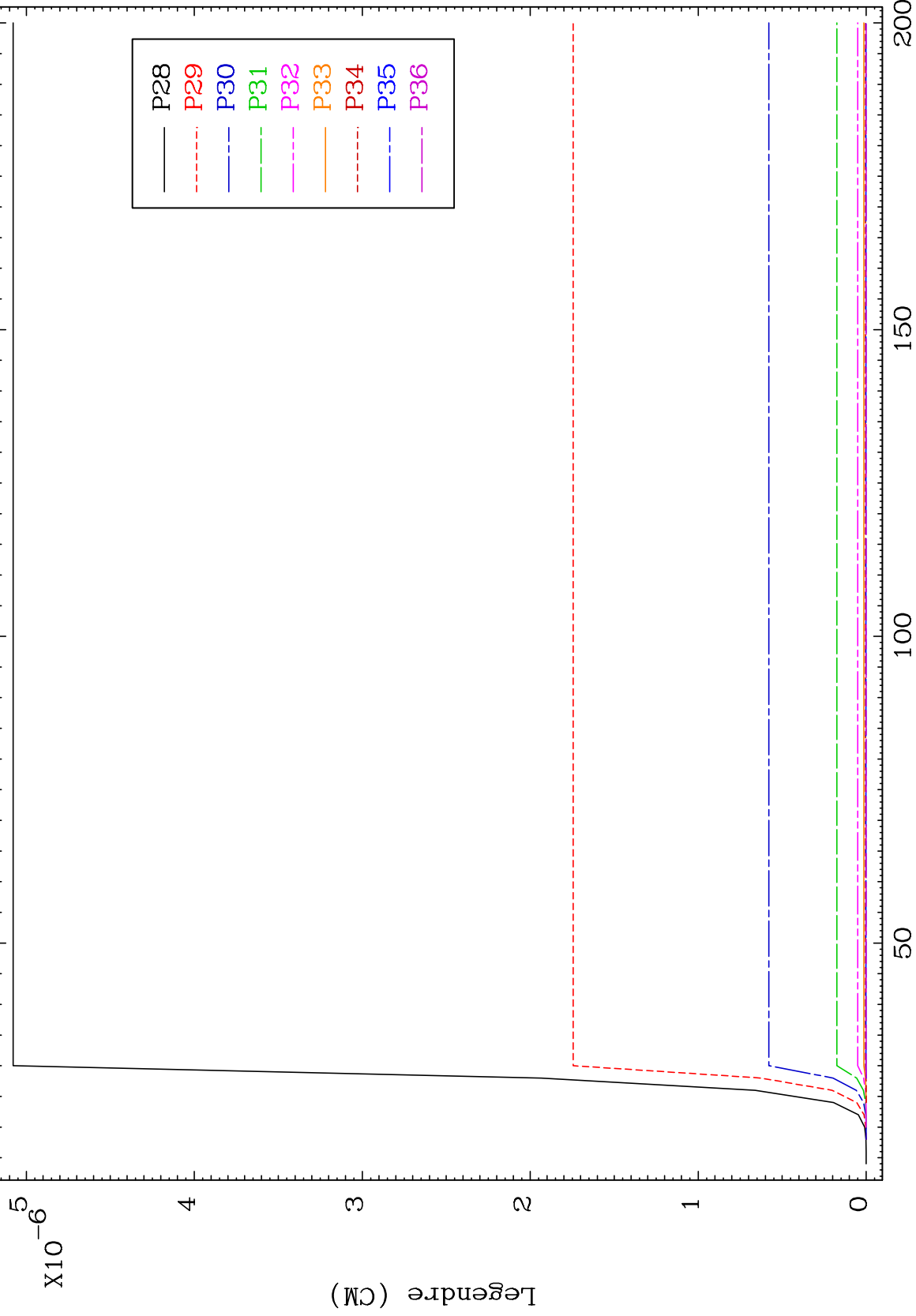
Incident Energy (MeV)

90

MAT 5722

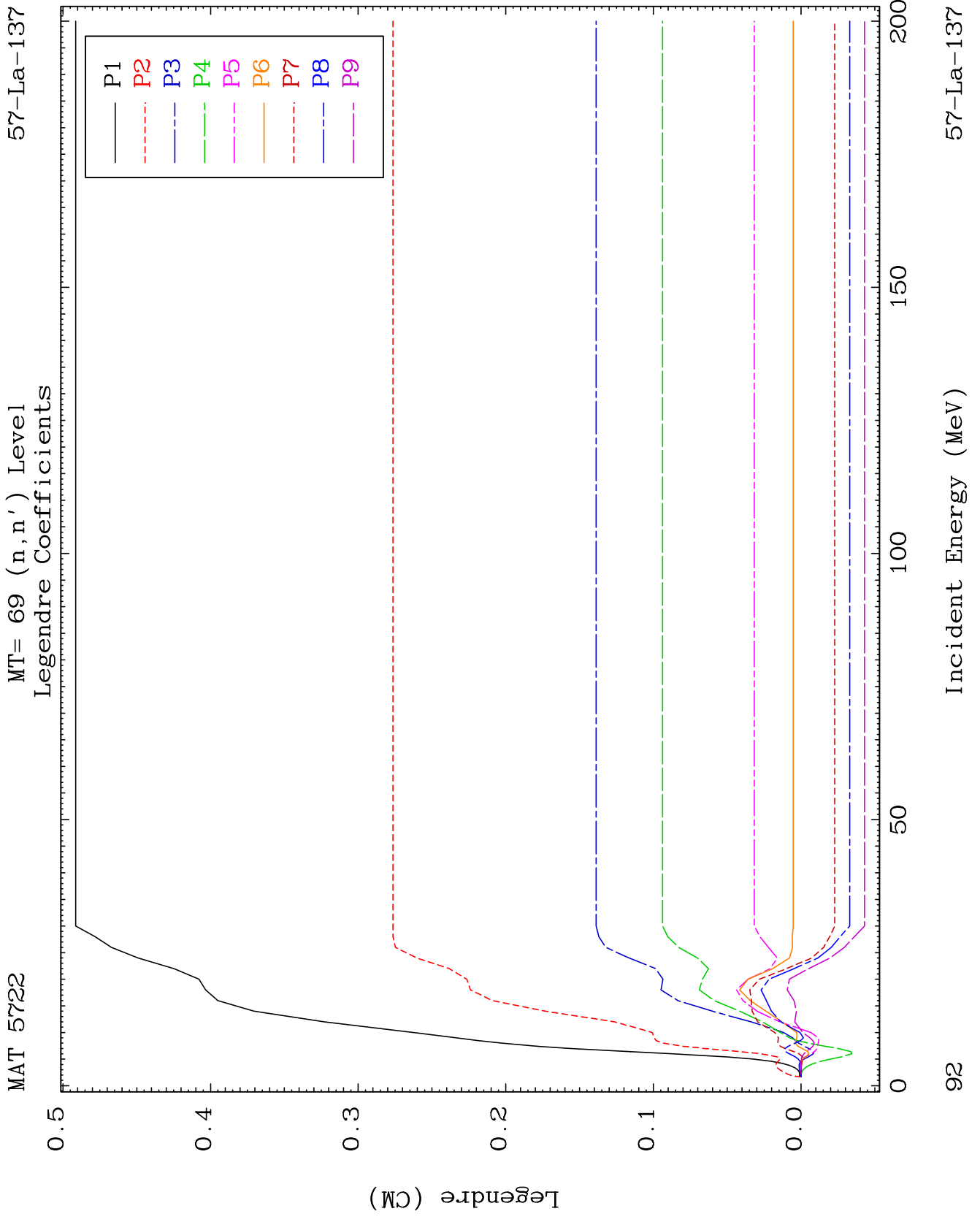
MT= 68 (n,n') Level  
Legendre Coefficients

57-La-137



91

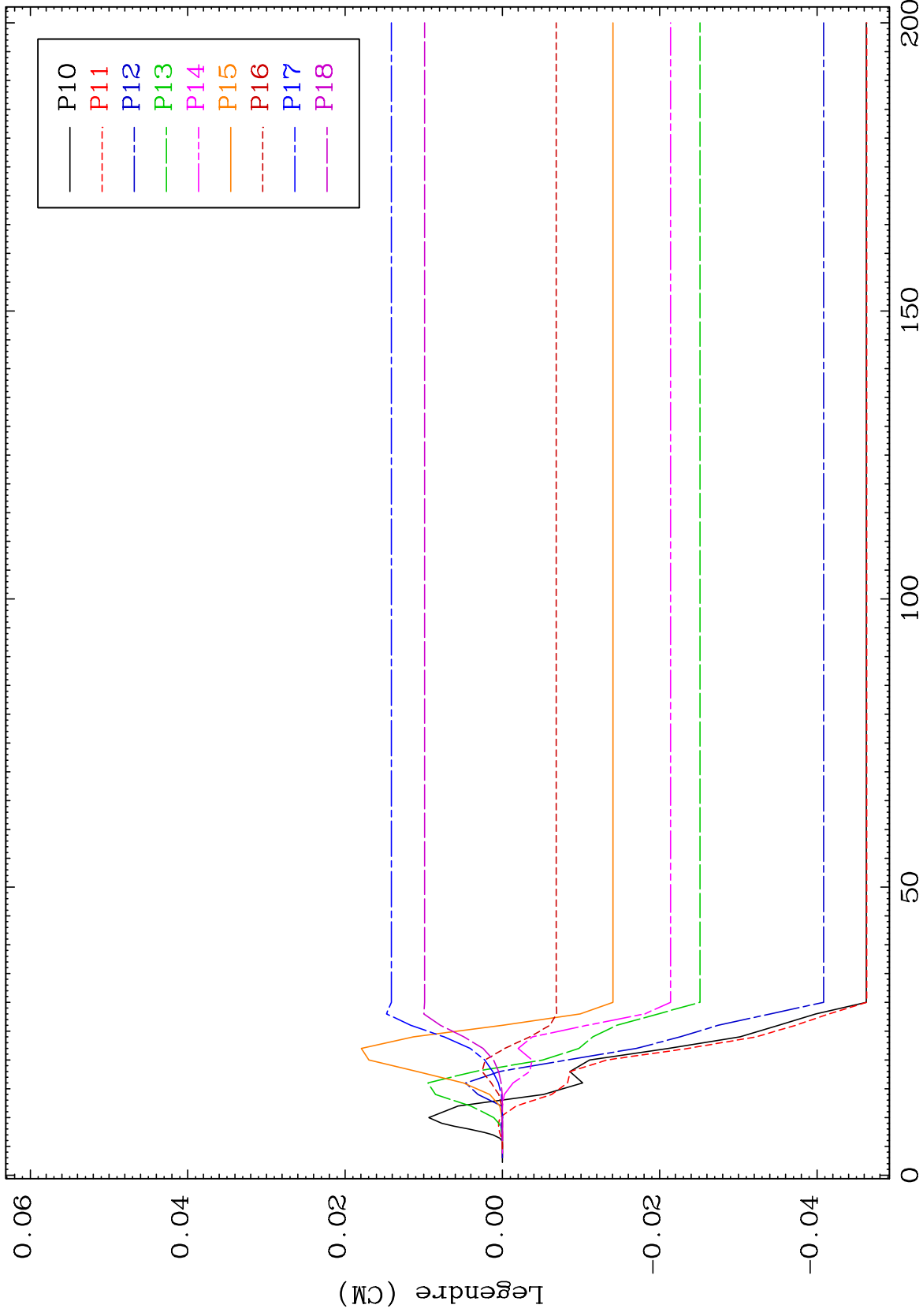
57-La-137



MAT 5722

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

57-La-137



93

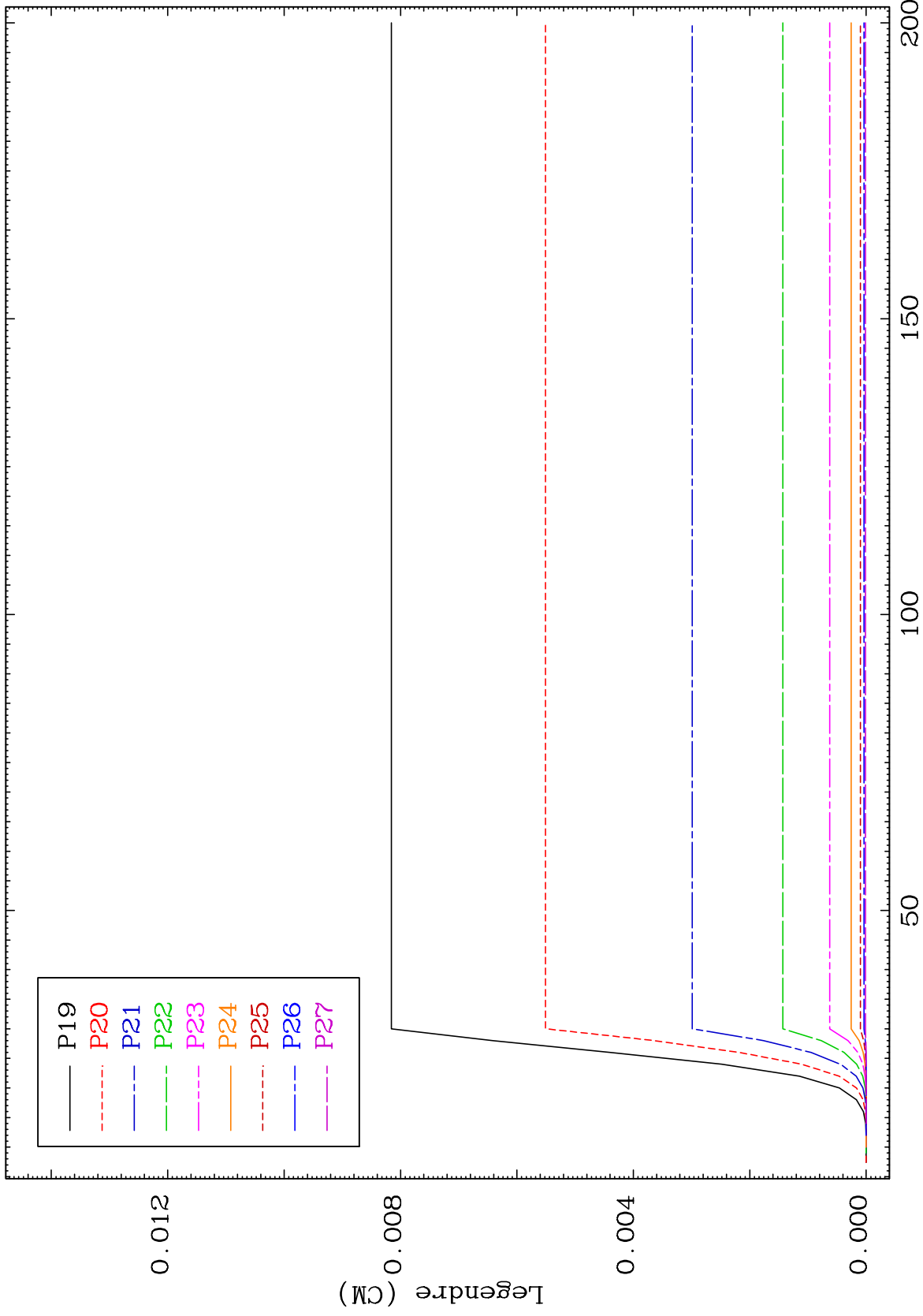
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



94

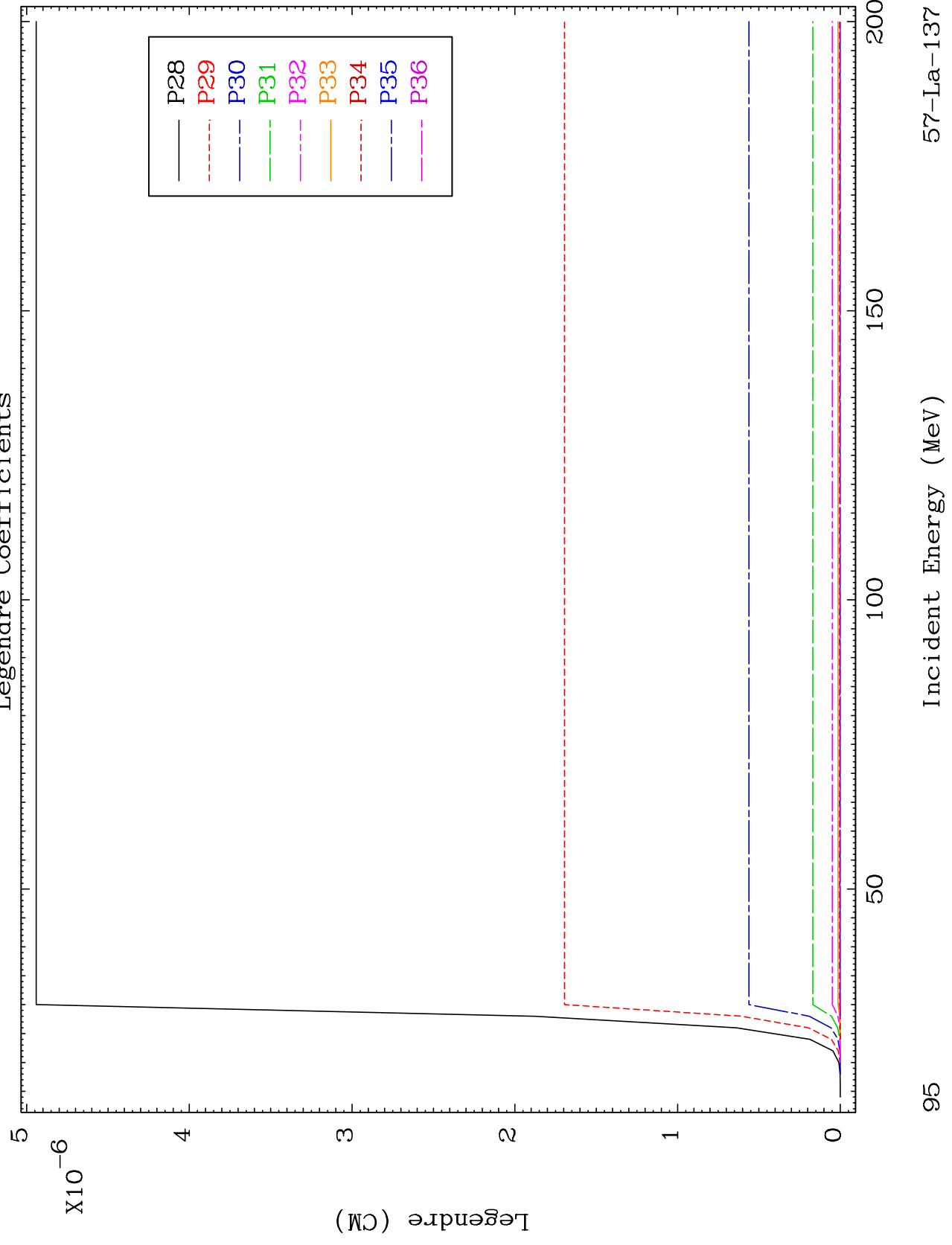
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



95

Incident Energy (MeV)

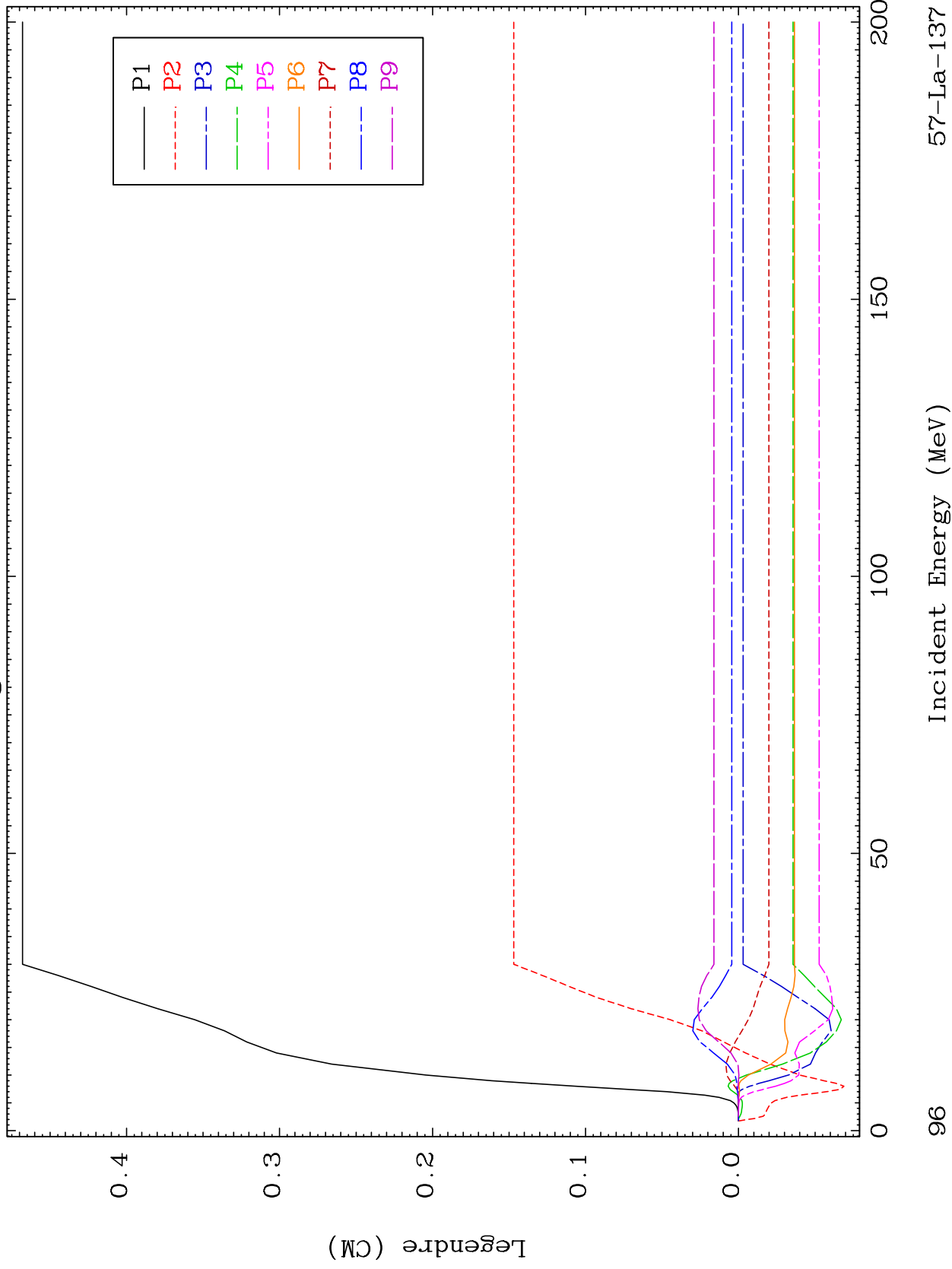
57-La-137



MAT 5722

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

57-La-137



57-La-137

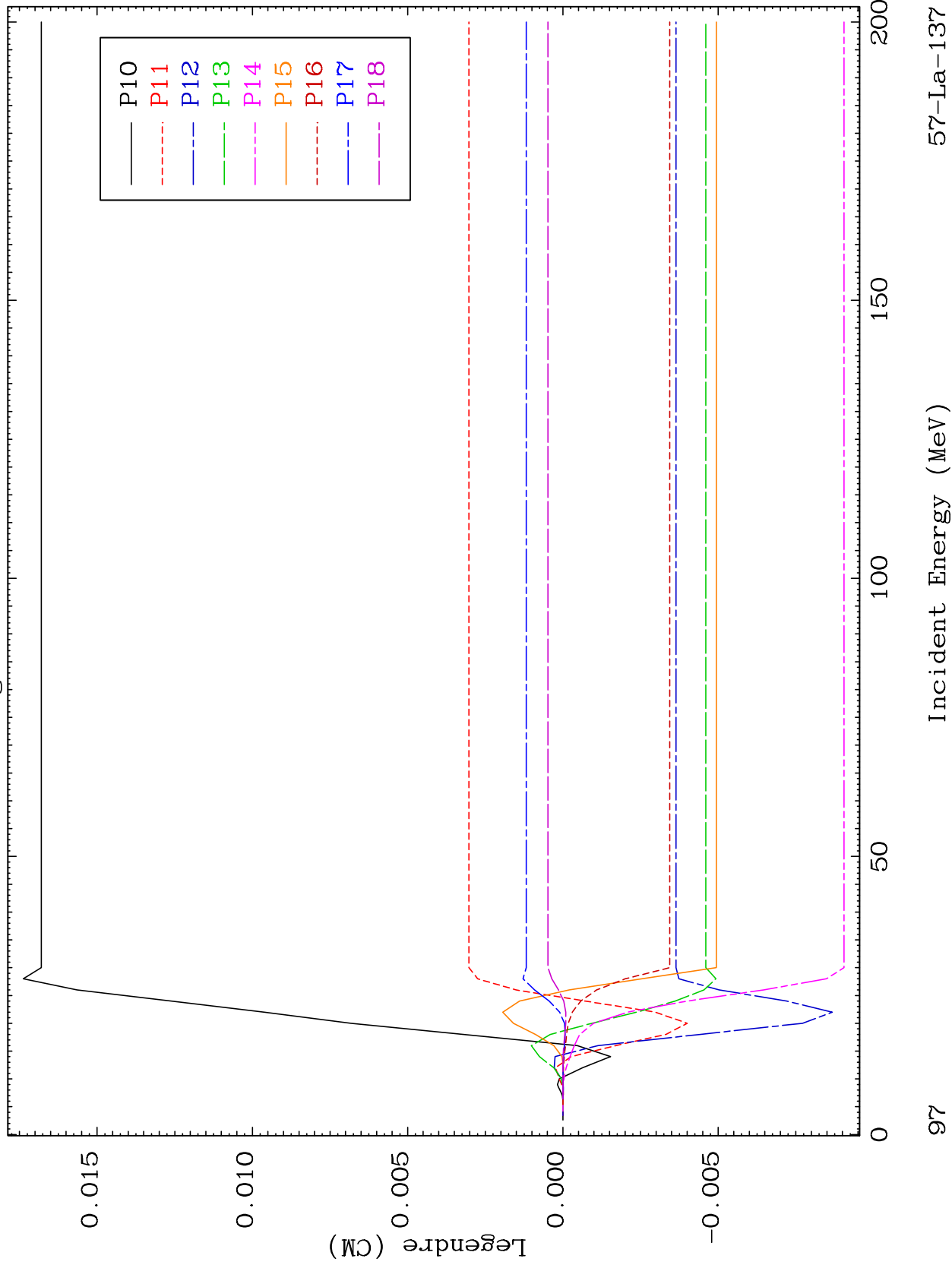
Incident Energy (MeV)

96

MAT 5722

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

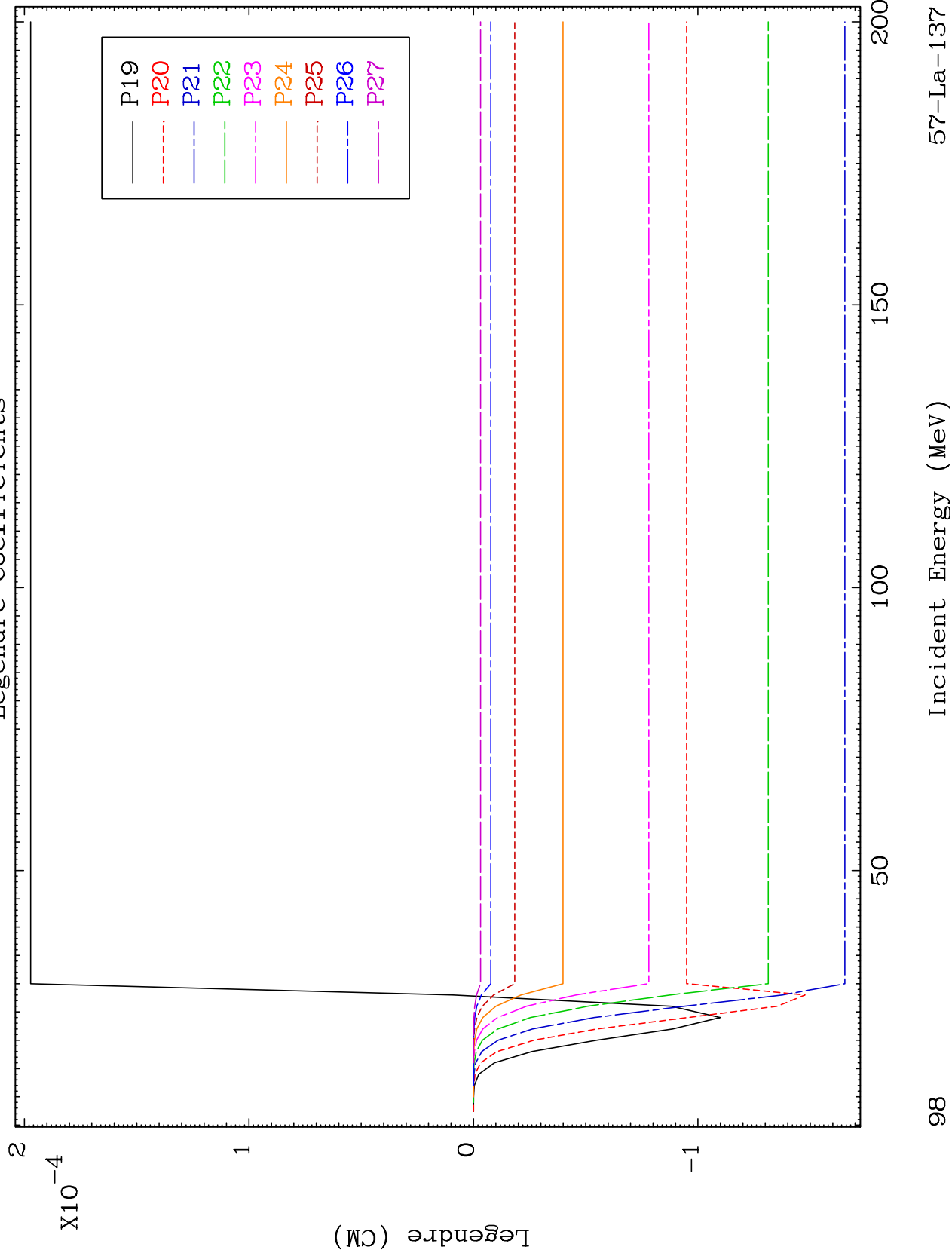
57-La-137

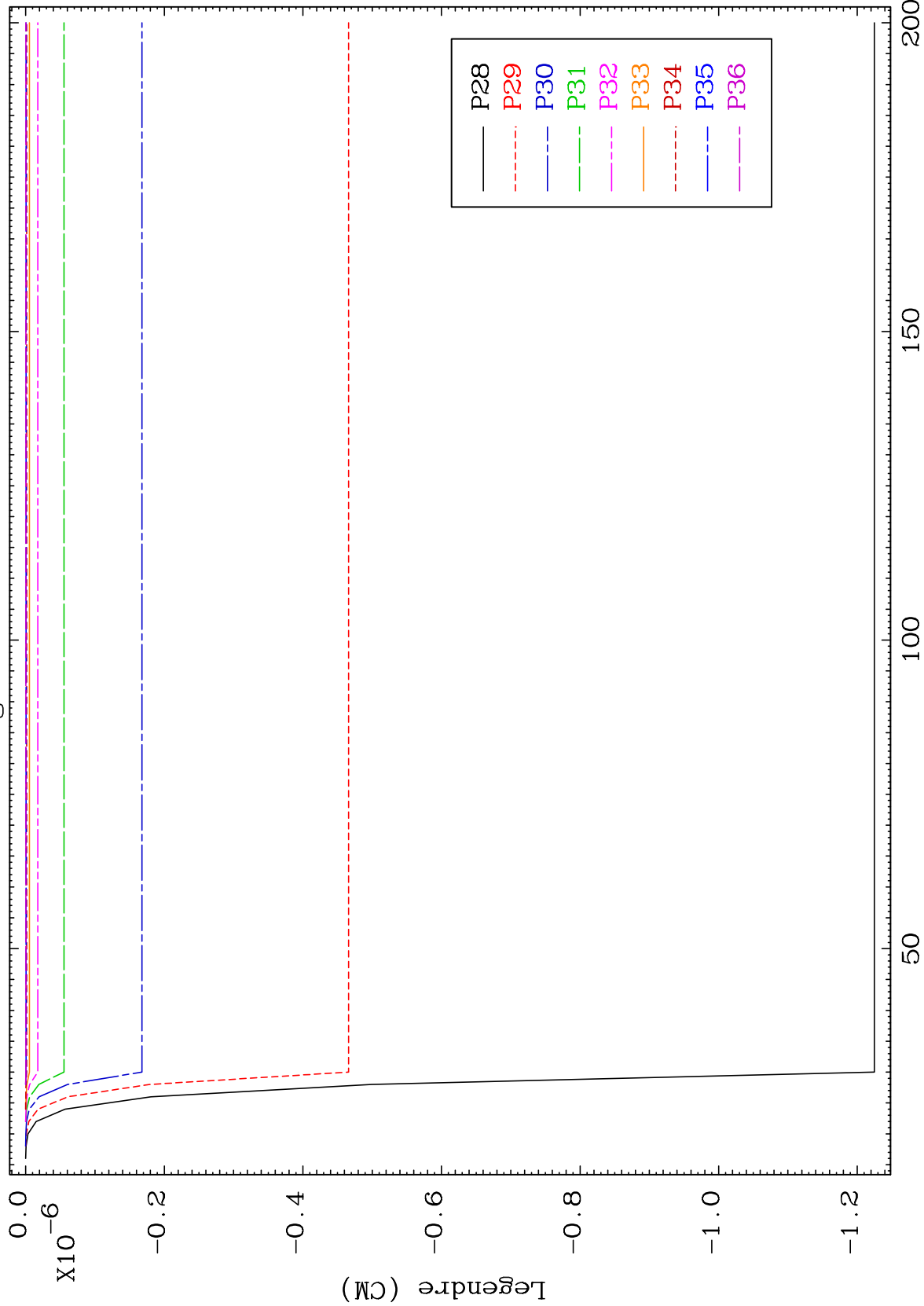


97

Incident Energy (MeV)

57-La-137

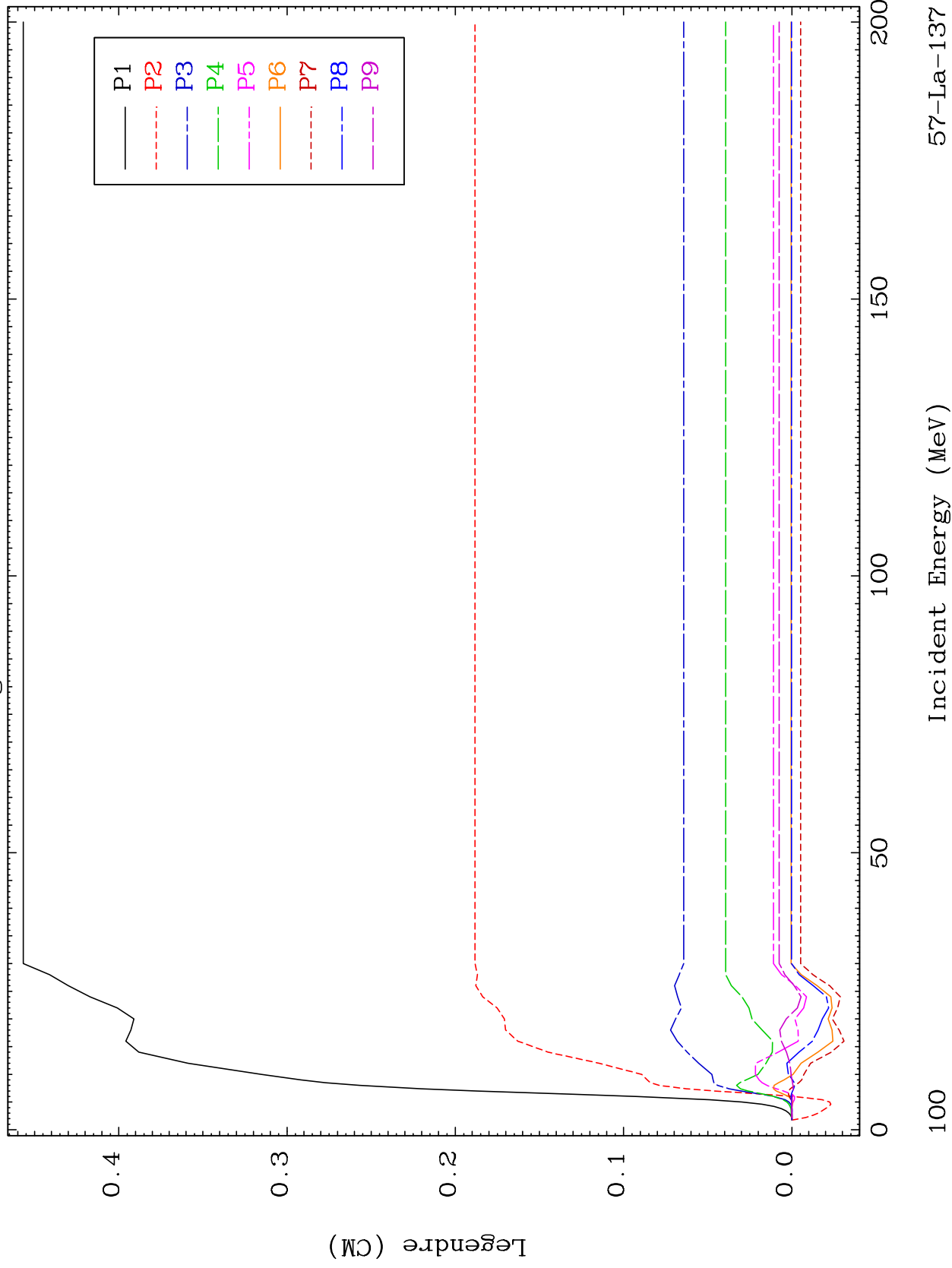




MAT 5722

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

57-La-137



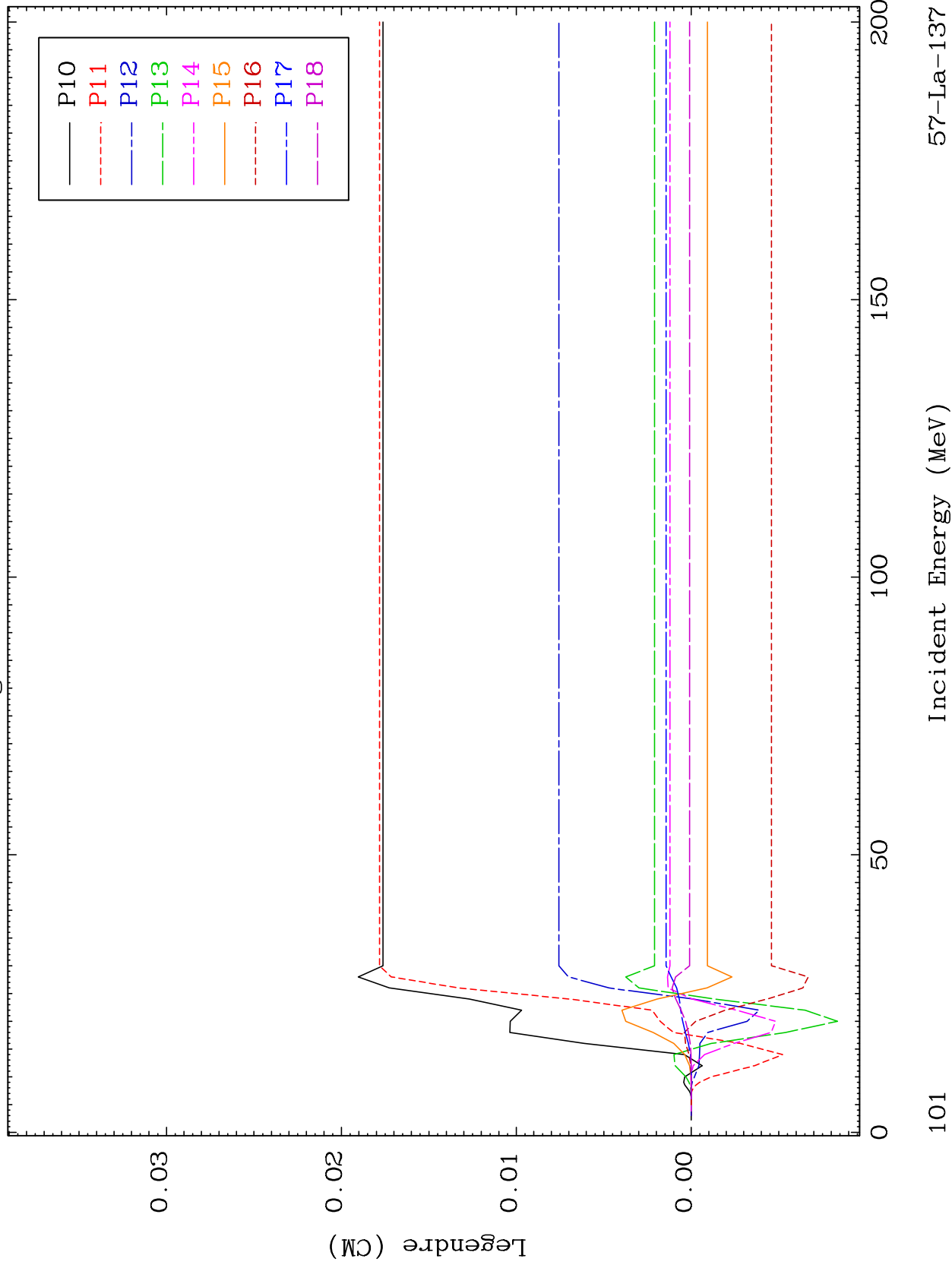
57-La-137

Incident Energy (MeV)

MAT 5722

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

57-La-137



57-La-137

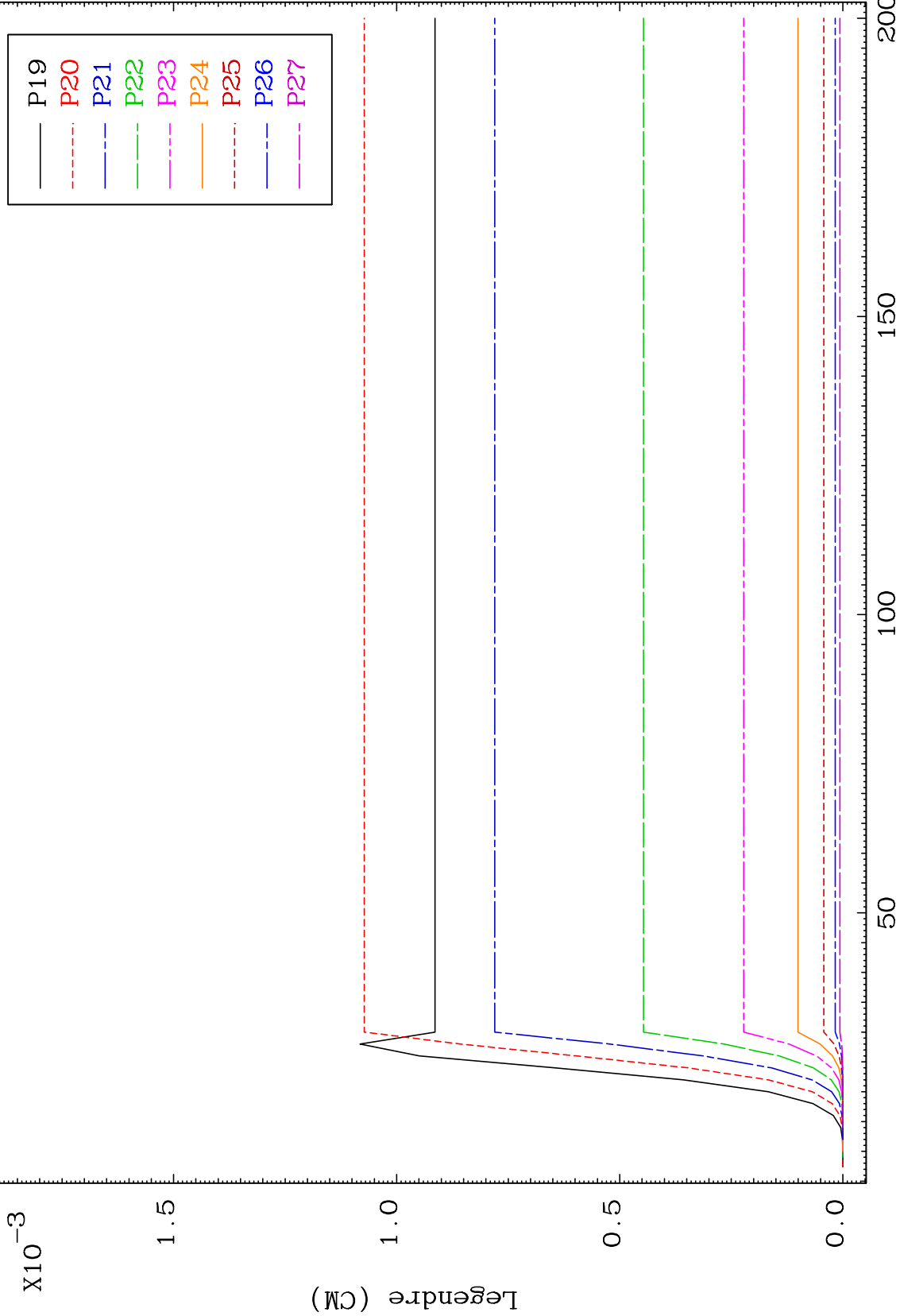
Incident Energy (MeV)

101

MAT 5722

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

57-La-137



102

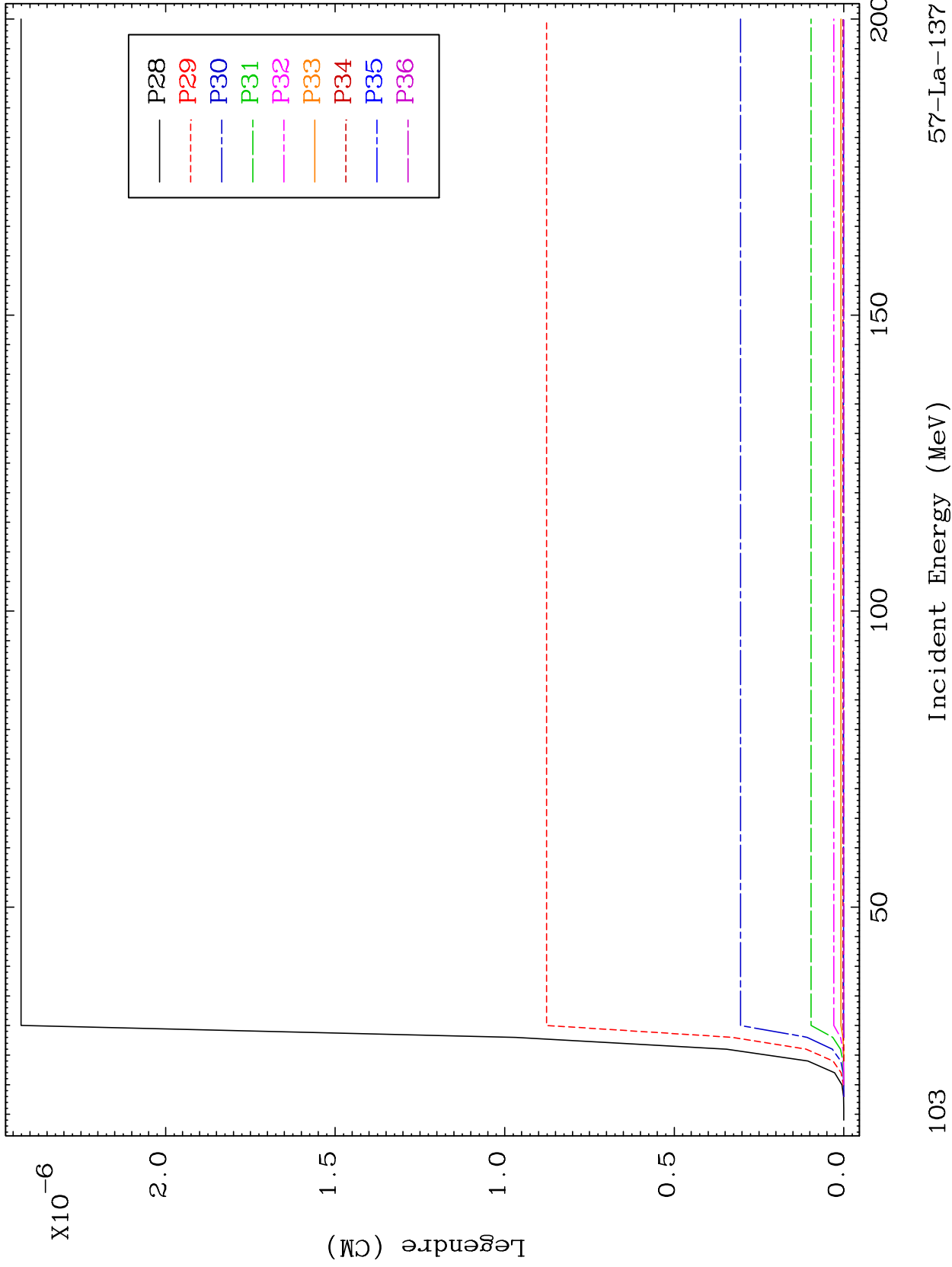
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137

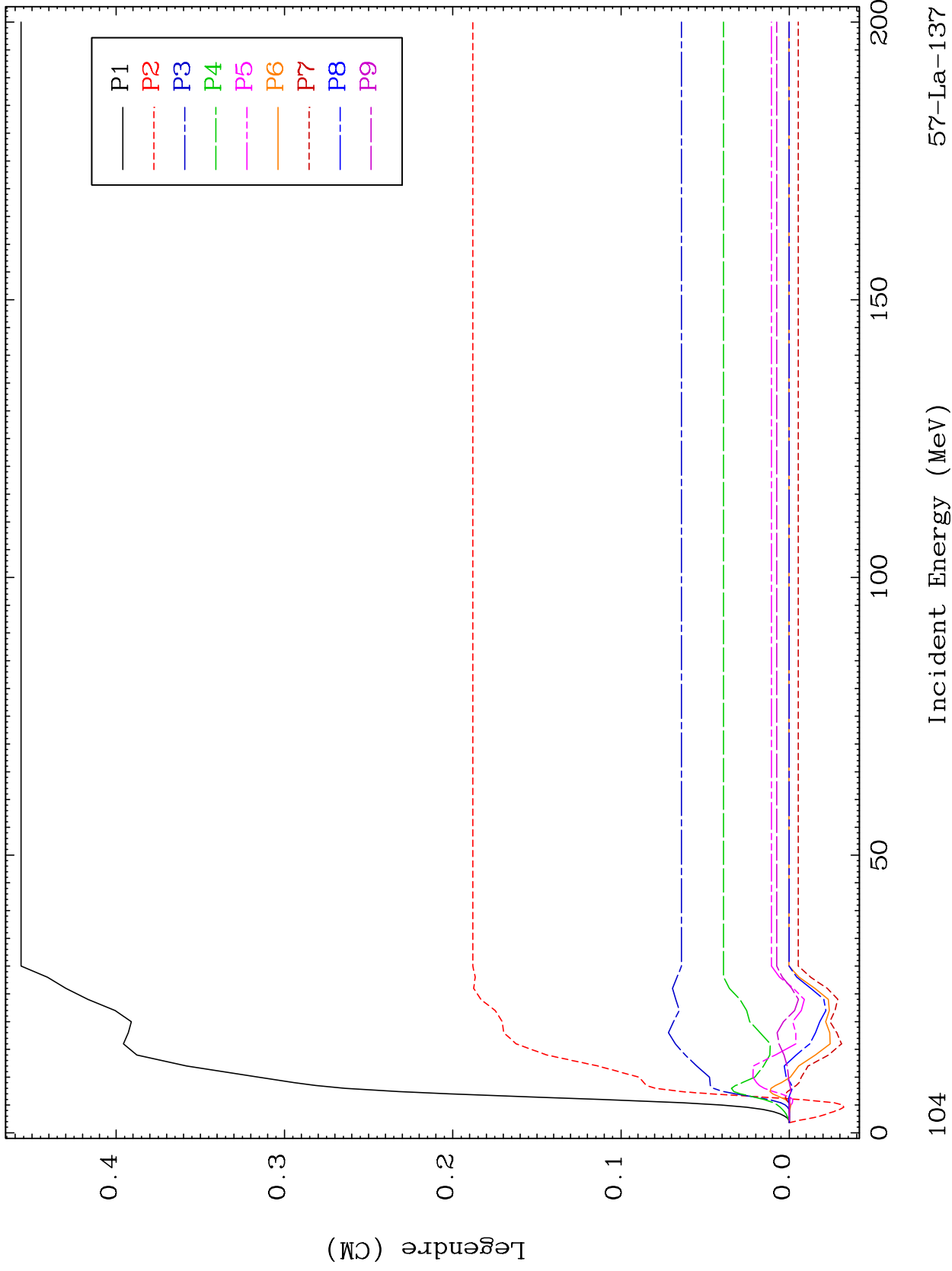




MAT 5722

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

57-La-137



57-La-137

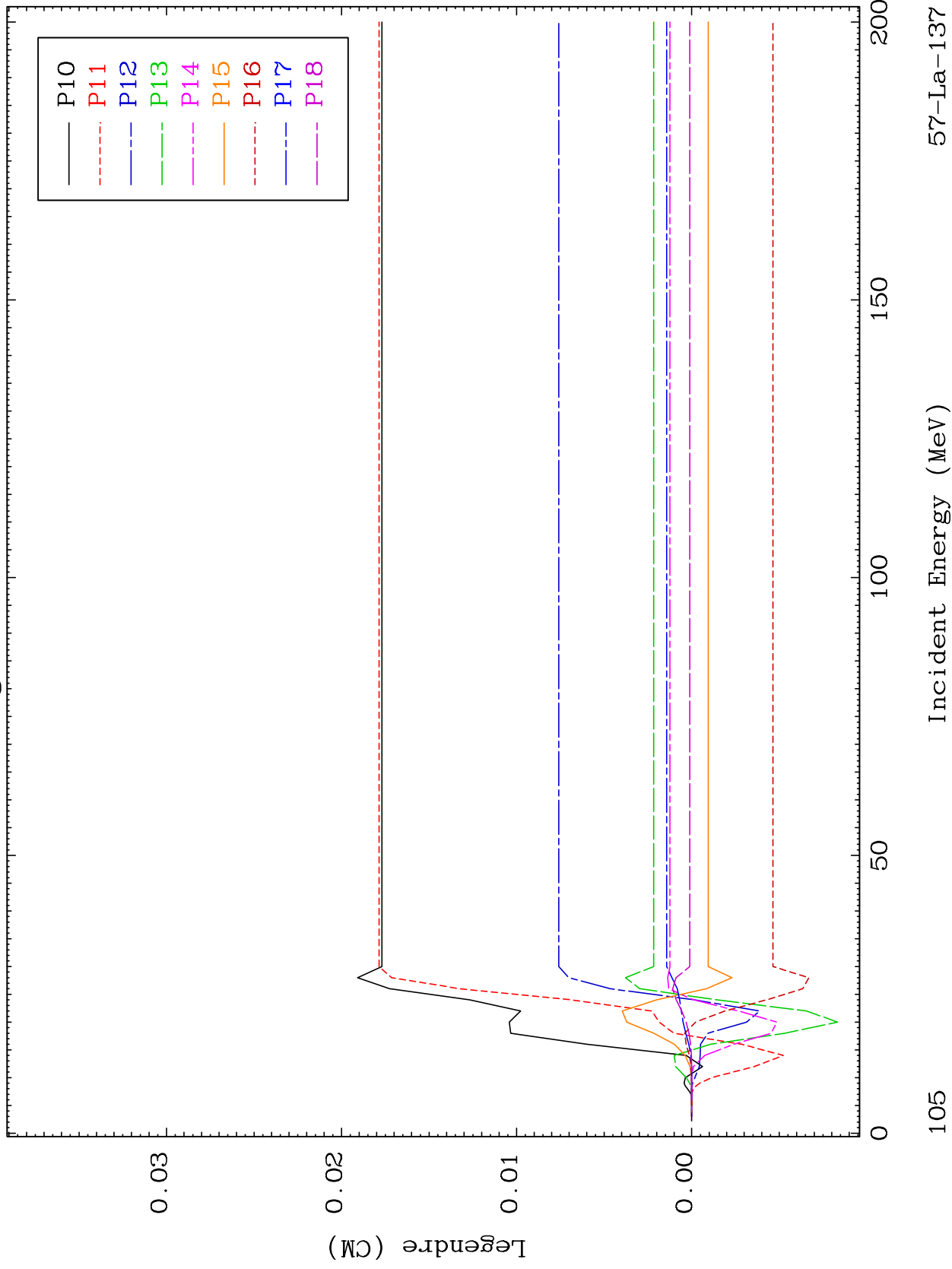
Incident Energy (MeV)

104

MAT 5722

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

57-La-137



57-La-137

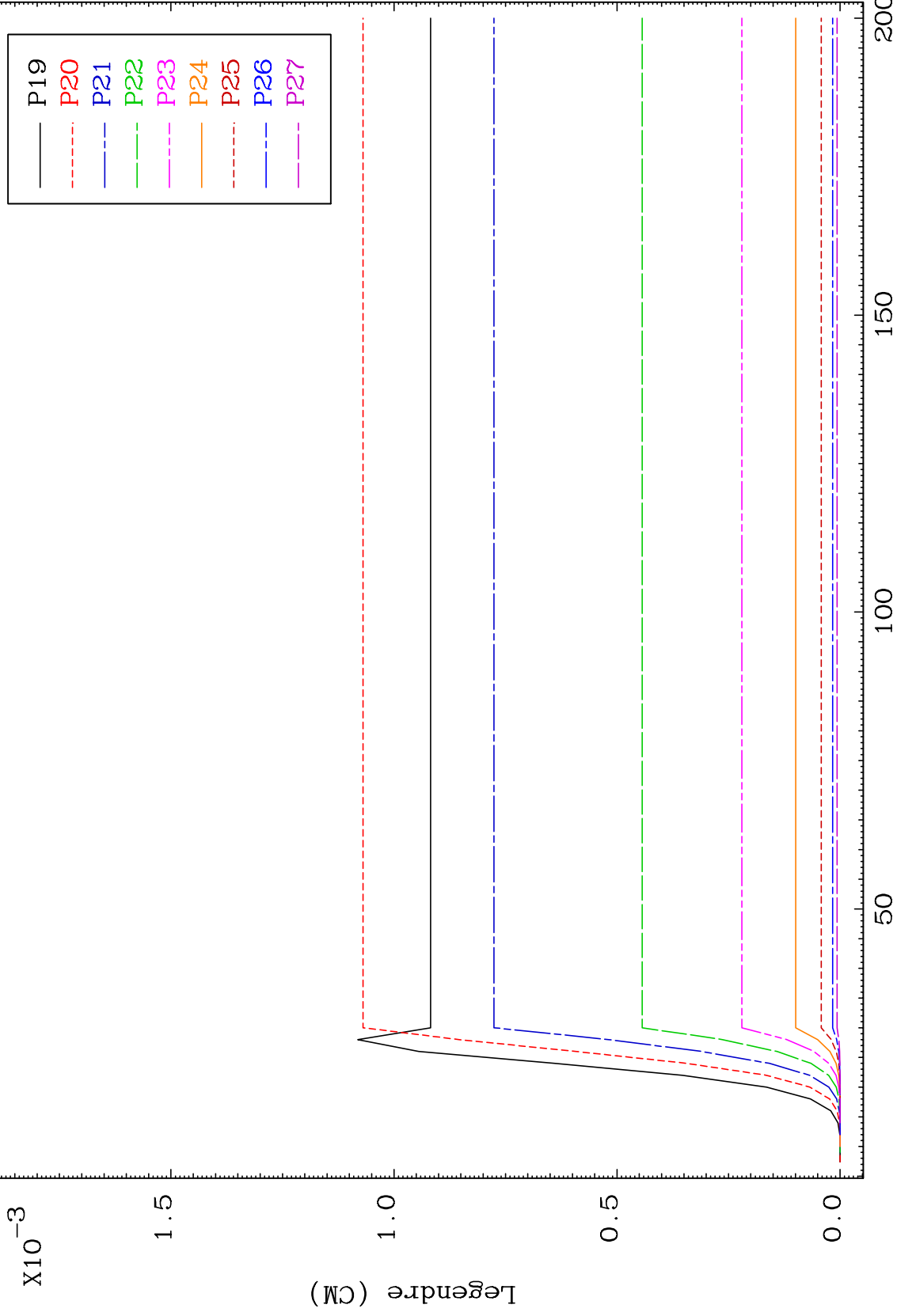
Incident Energy (MeV)

105

MAT 5722

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

57-La-137



106

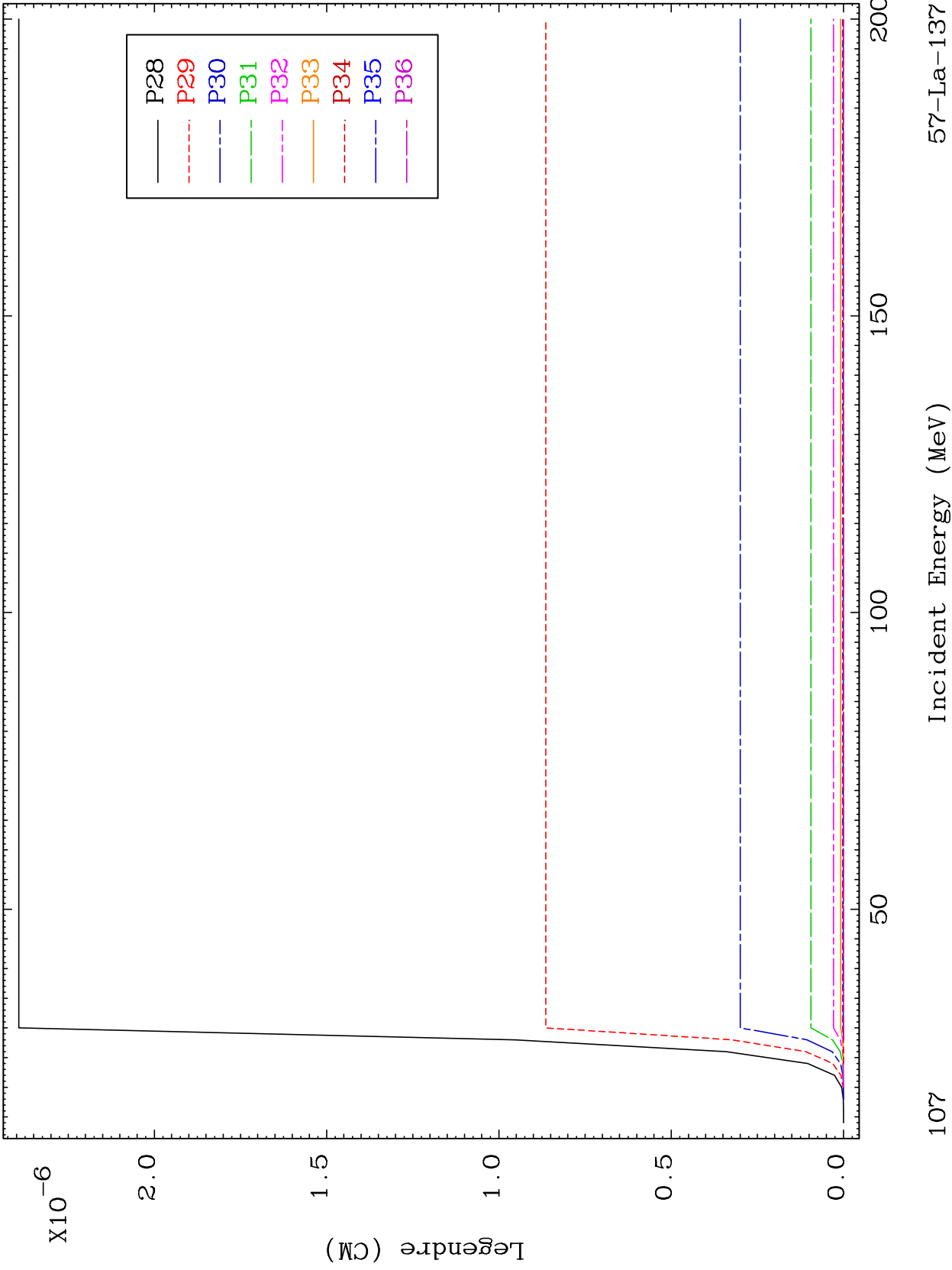
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



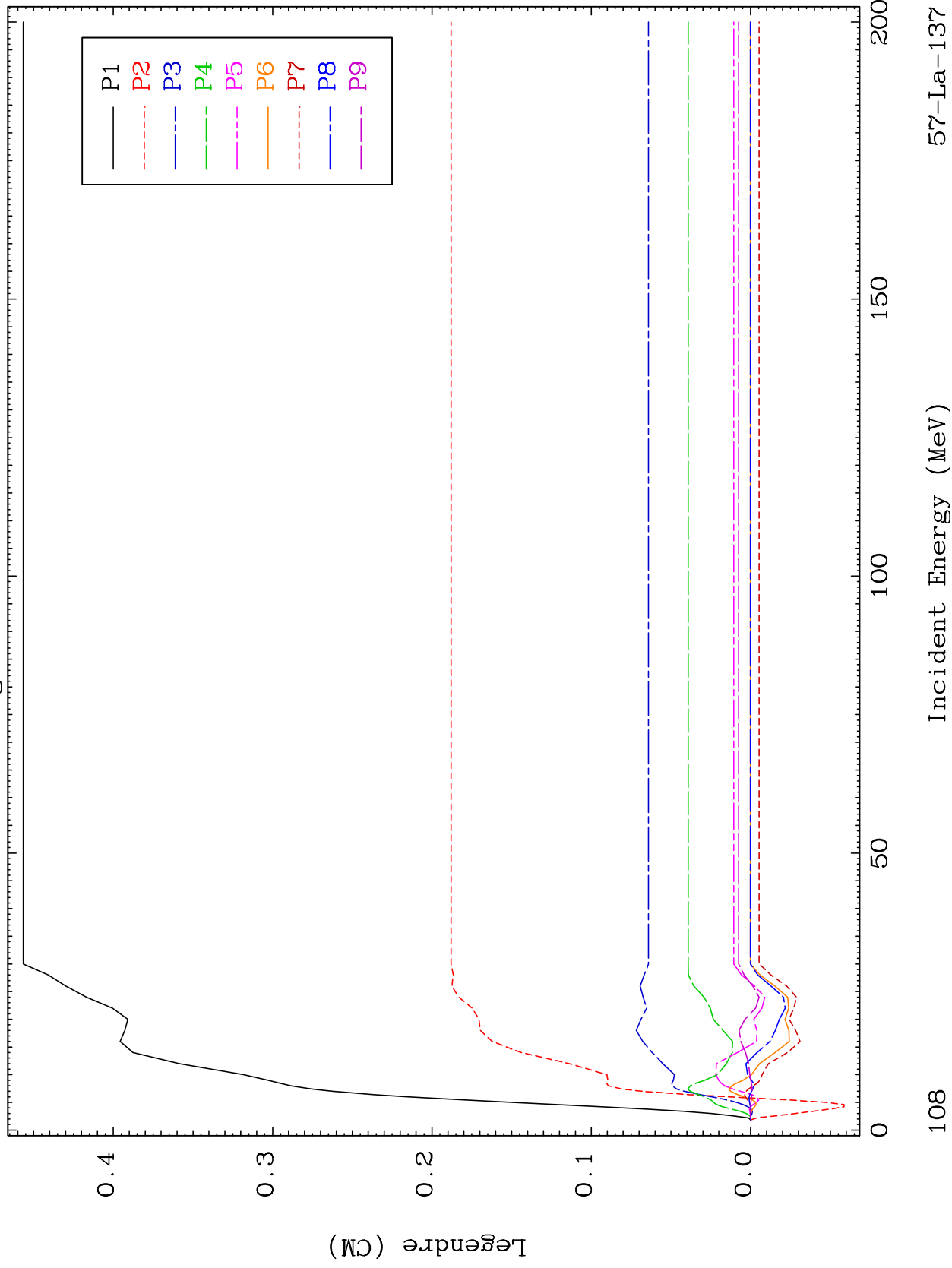
107

57-La-137

MAT 5722

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

57-La-137



57-La-137

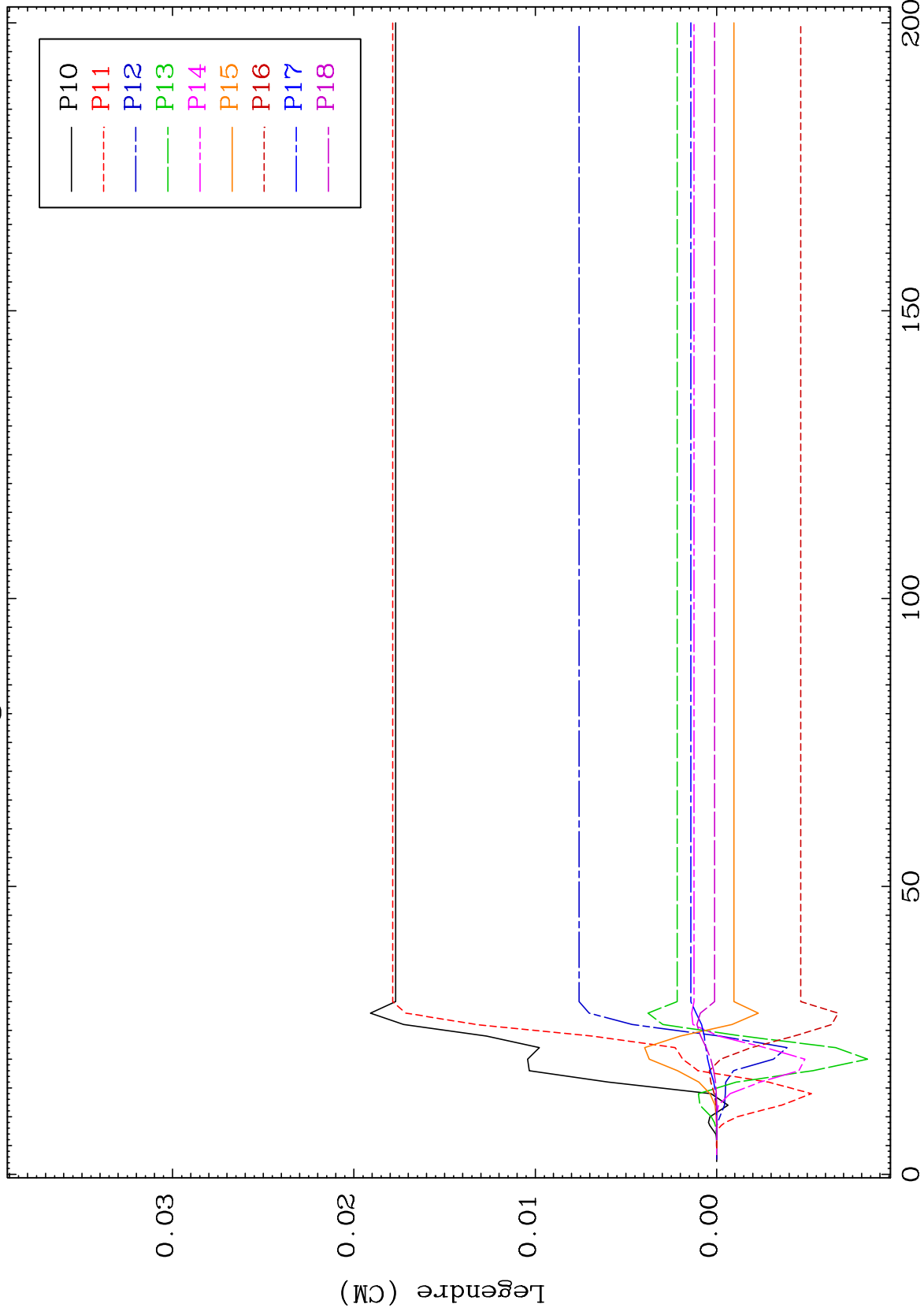
Incident Energy (MeV)

108

MAT 5722

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

57-La-137



109

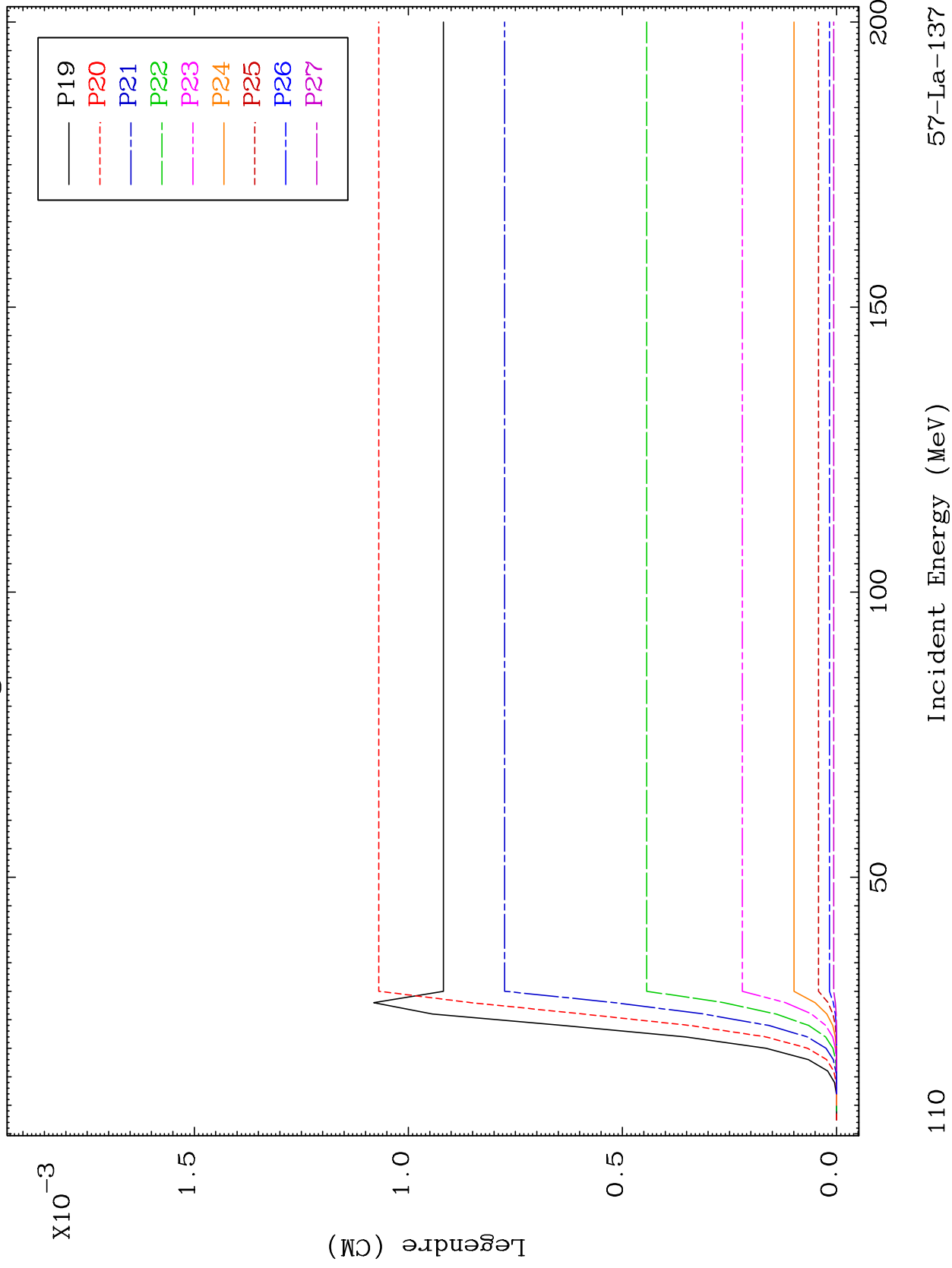
Incident Energy (MeV)

57-La-137

MAT 5722

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

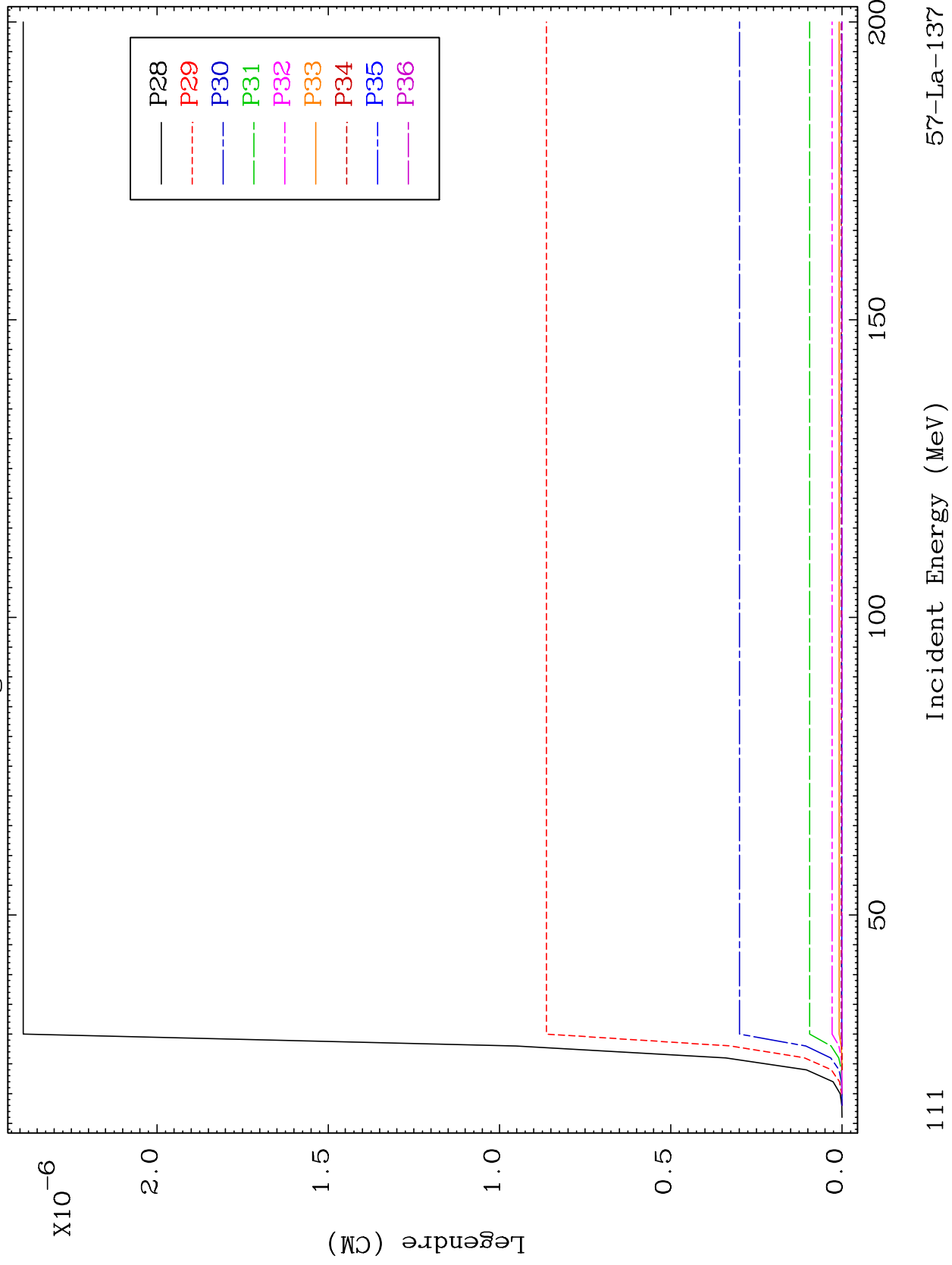
57-La-137



MAT 5722

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

57-La-137

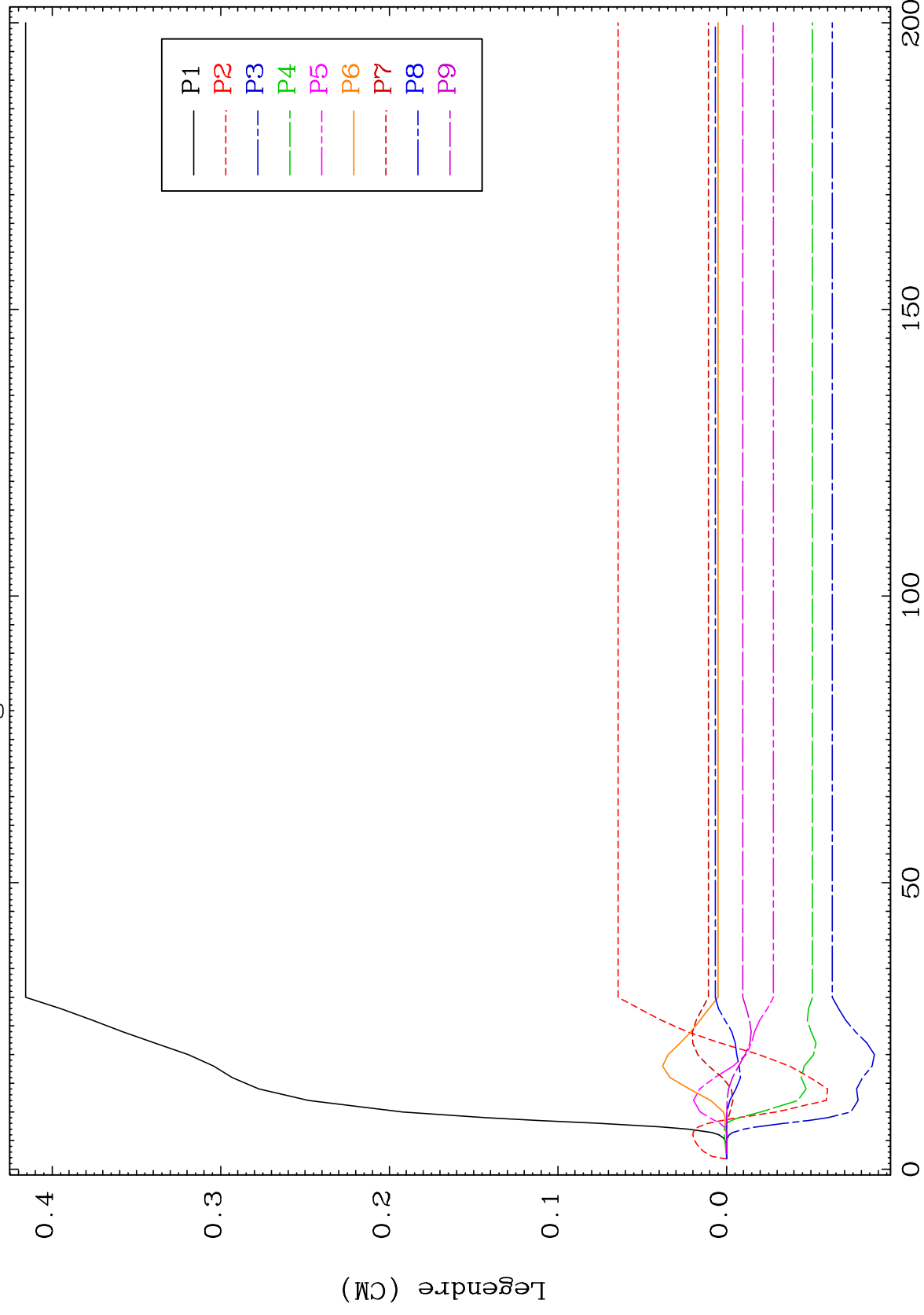




MAT 5722

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

57-La-137



112

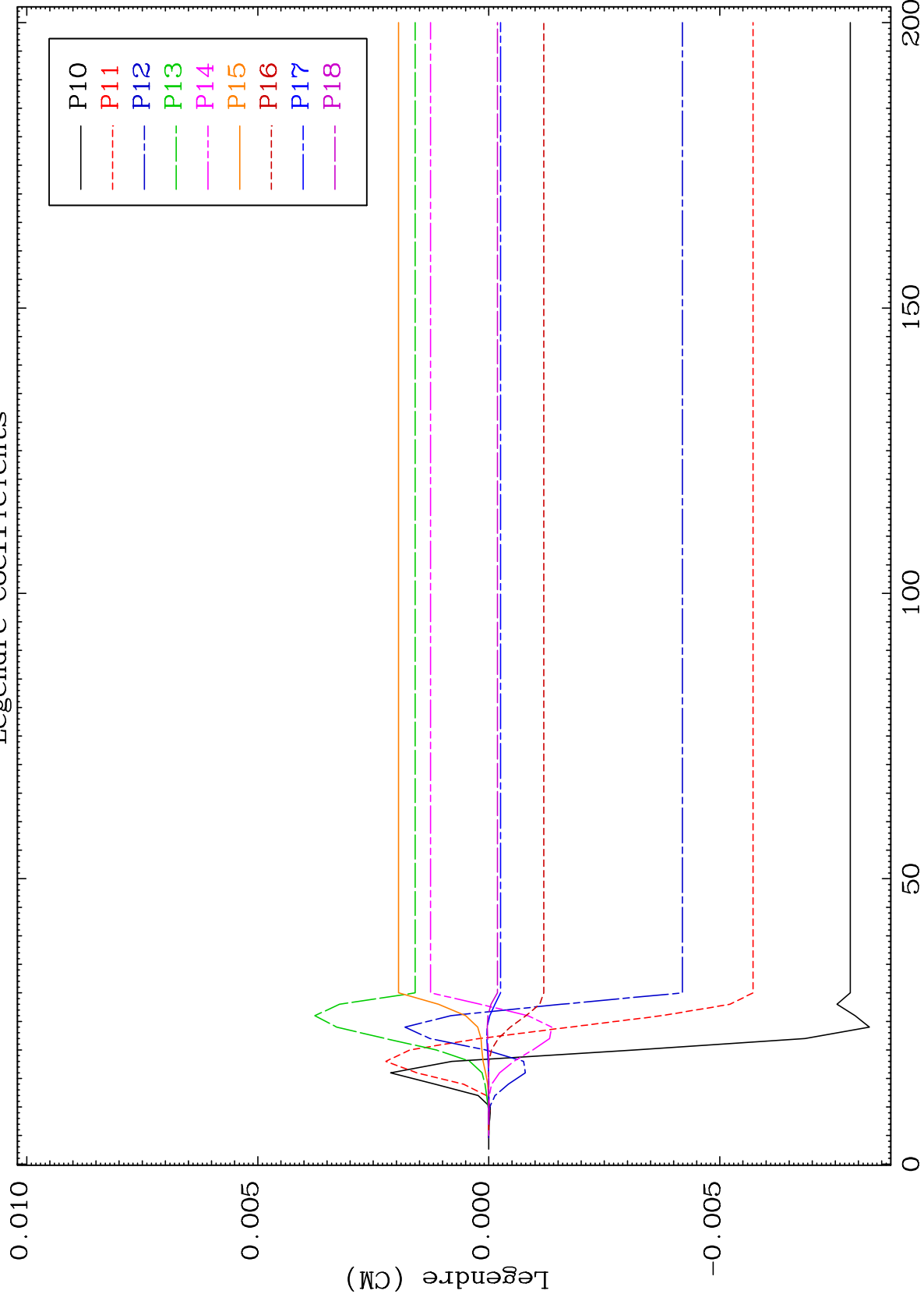
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



113

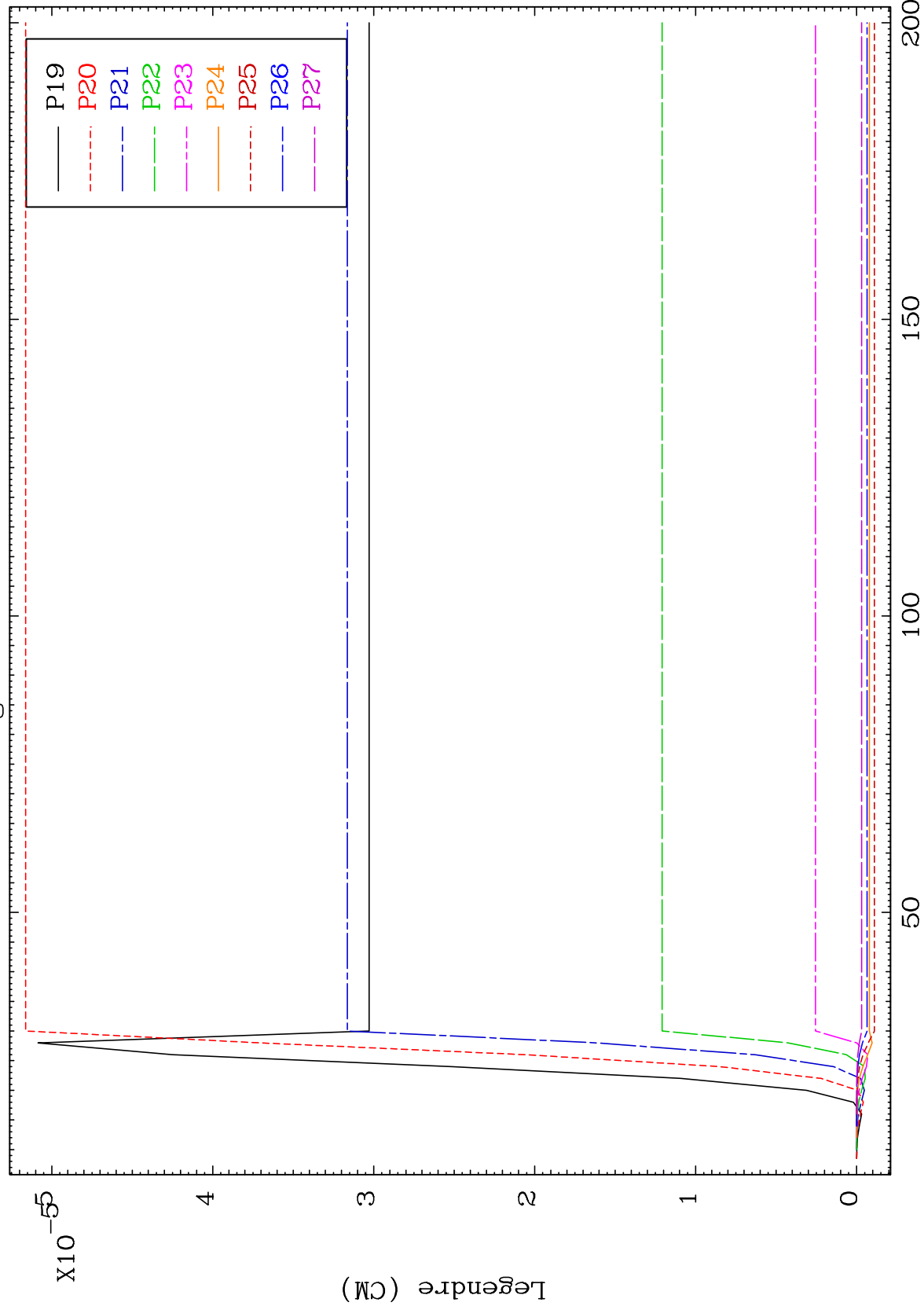
Incident Energy (MeV)

57-La-137

MAT 5722

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

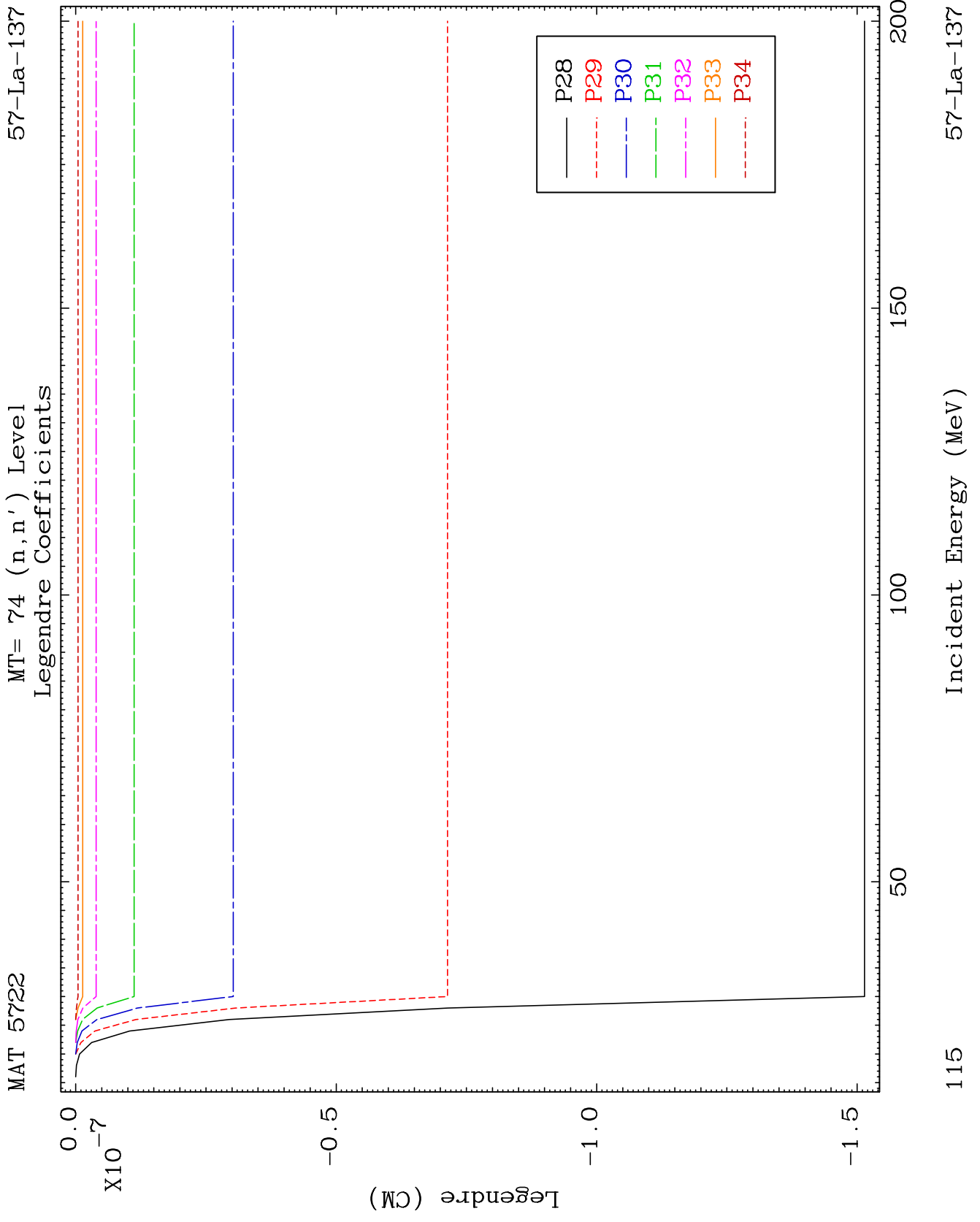
57-La-137



57-La-137

Incident Energy (MeV)

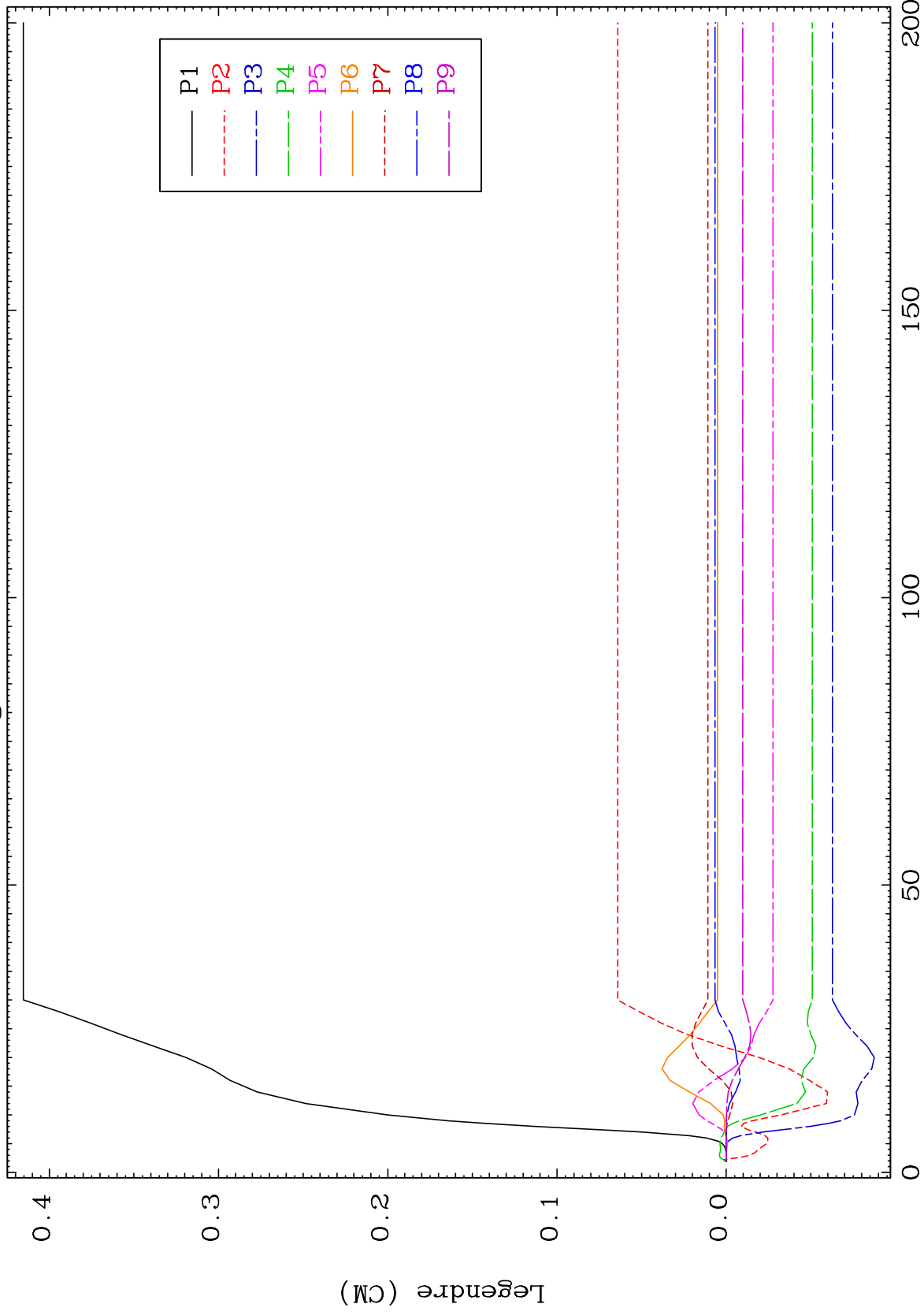
114



MAT 5722

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

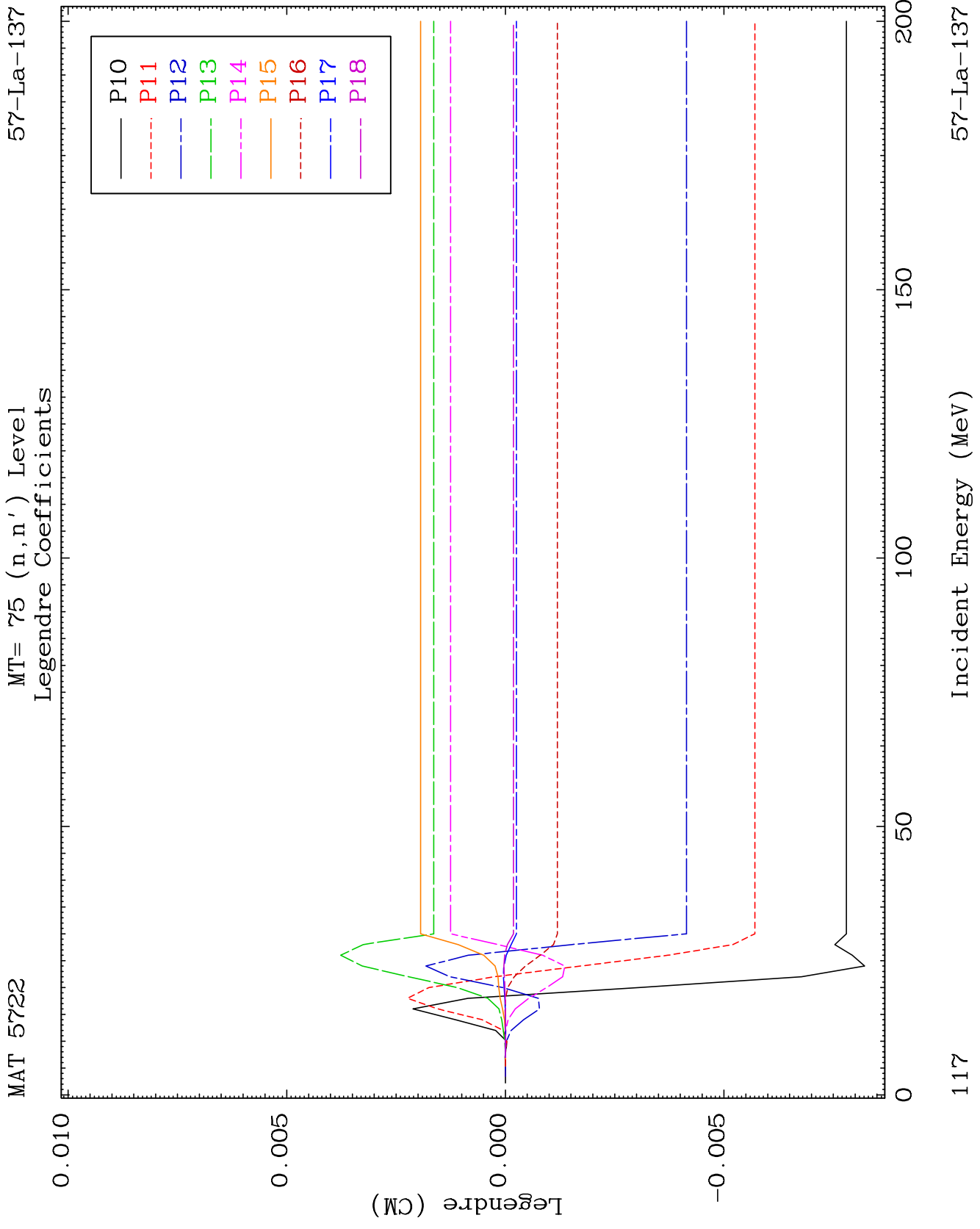
57-La-137



116

Incident Energy (MeV)

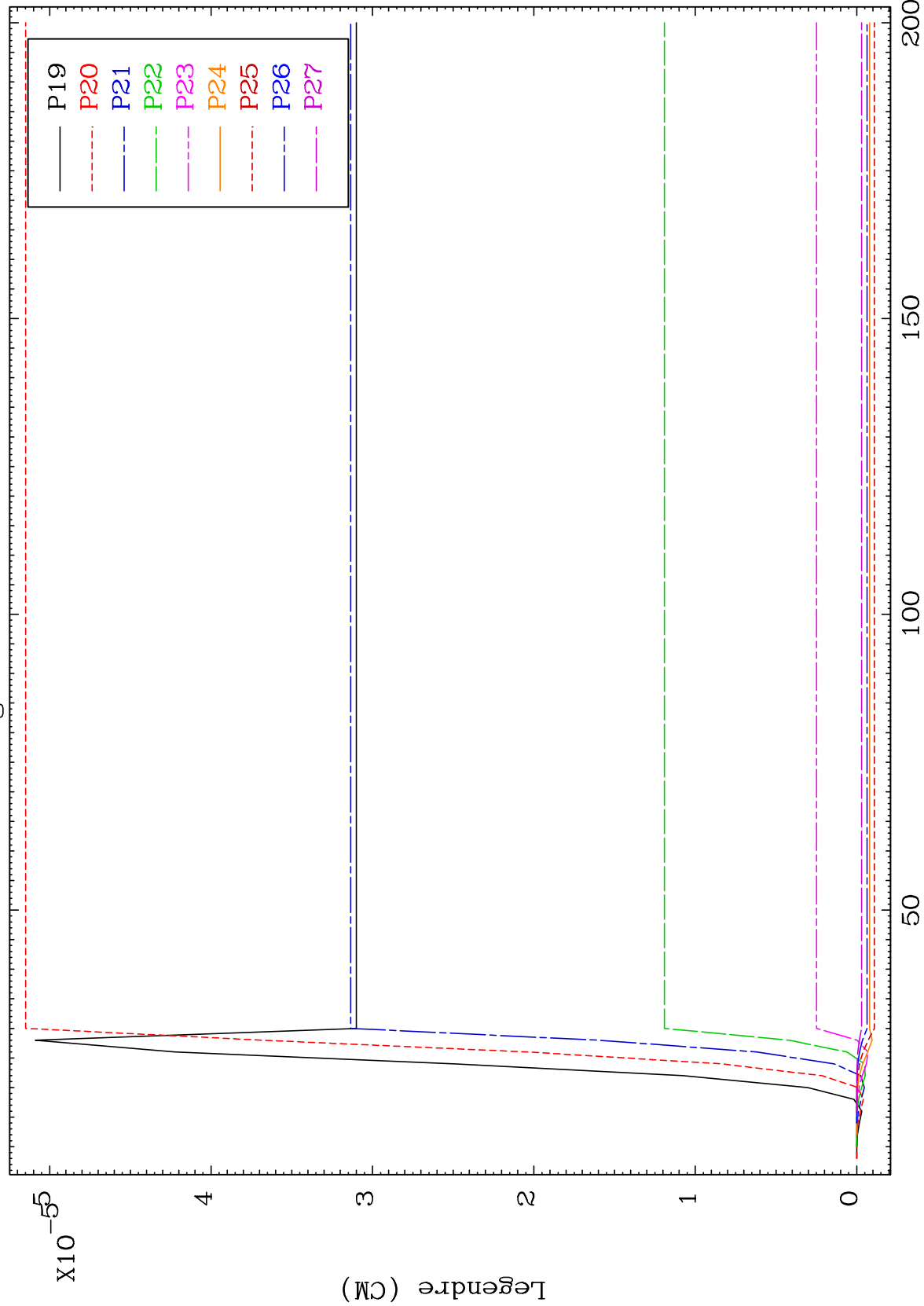
57-La-137



MAT 5722

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

57-La-137



57-La-137

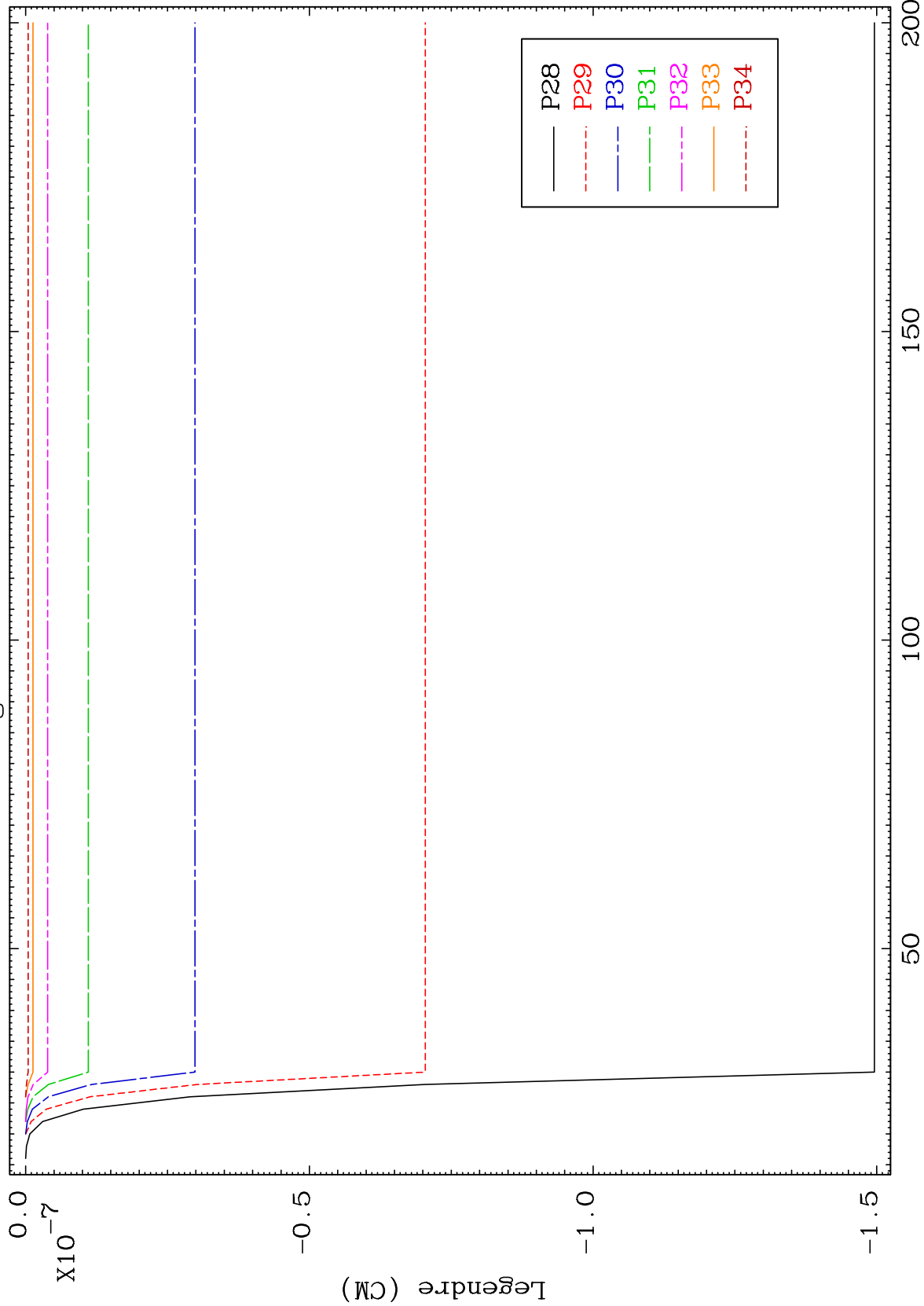
Incident Energy (MeV)

118

MAT 5722

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

57-La-137



119

Incident Energy (MeV)

57-La-137

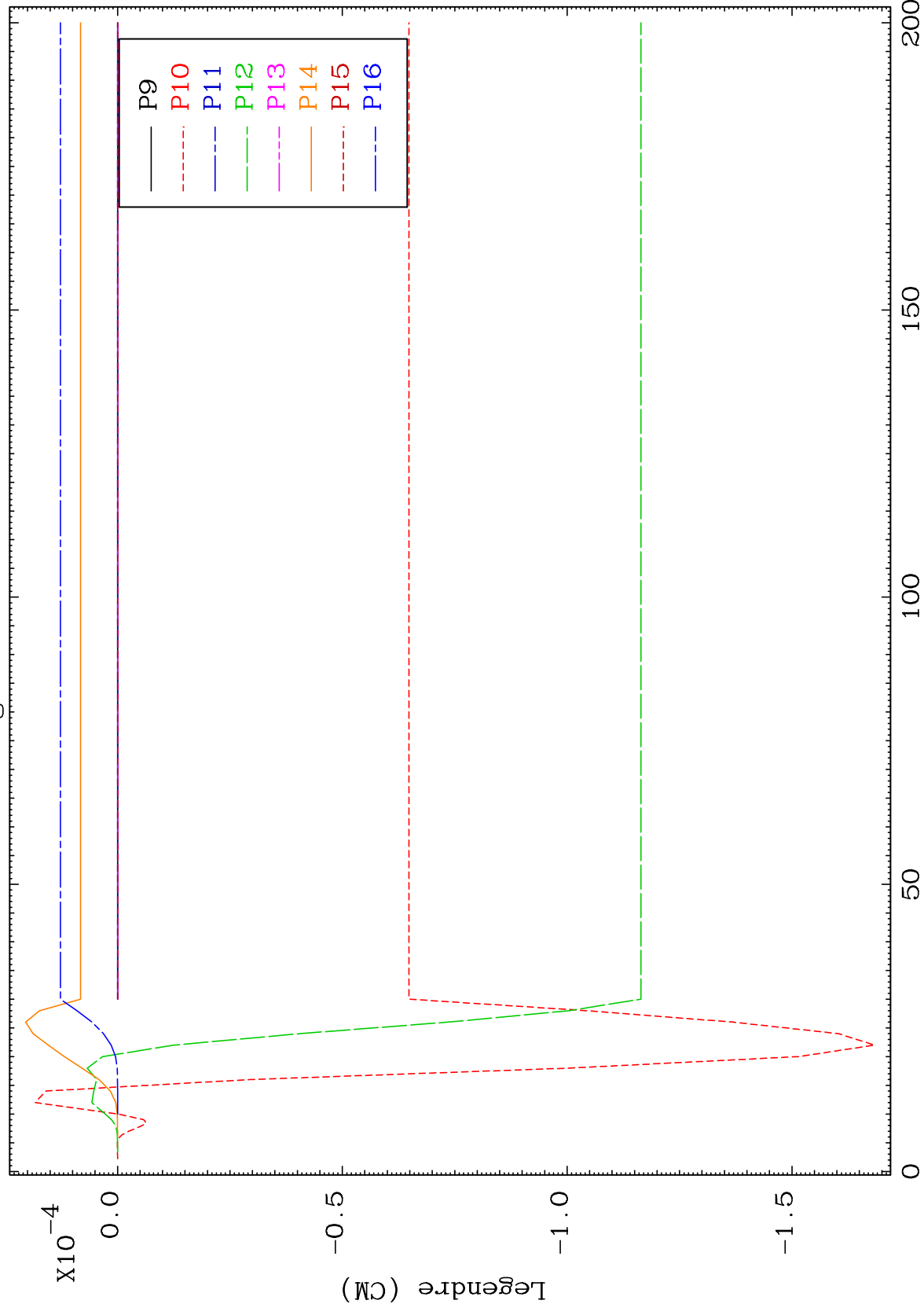




MAT 5722

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

57-La-137



121

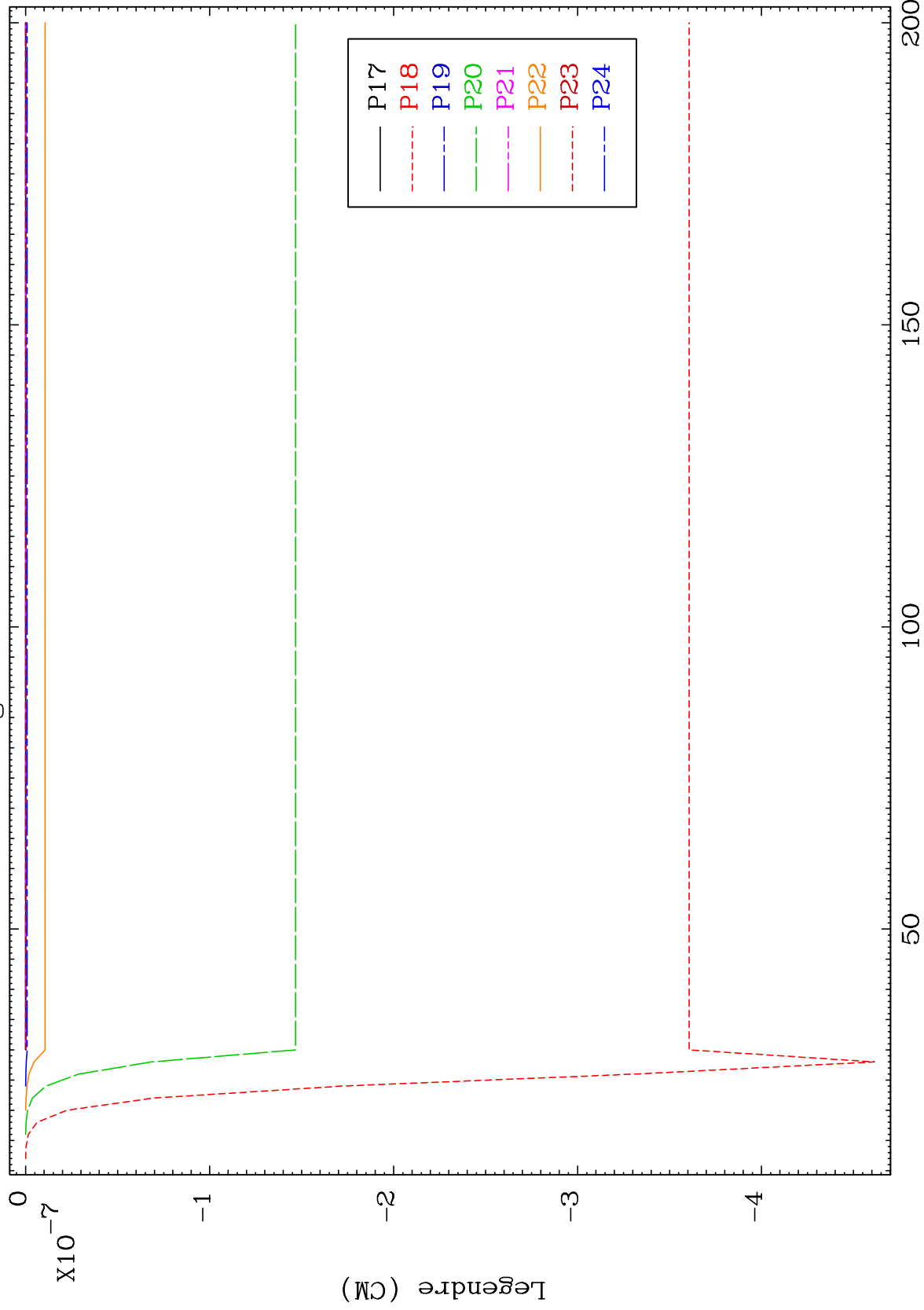
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



122

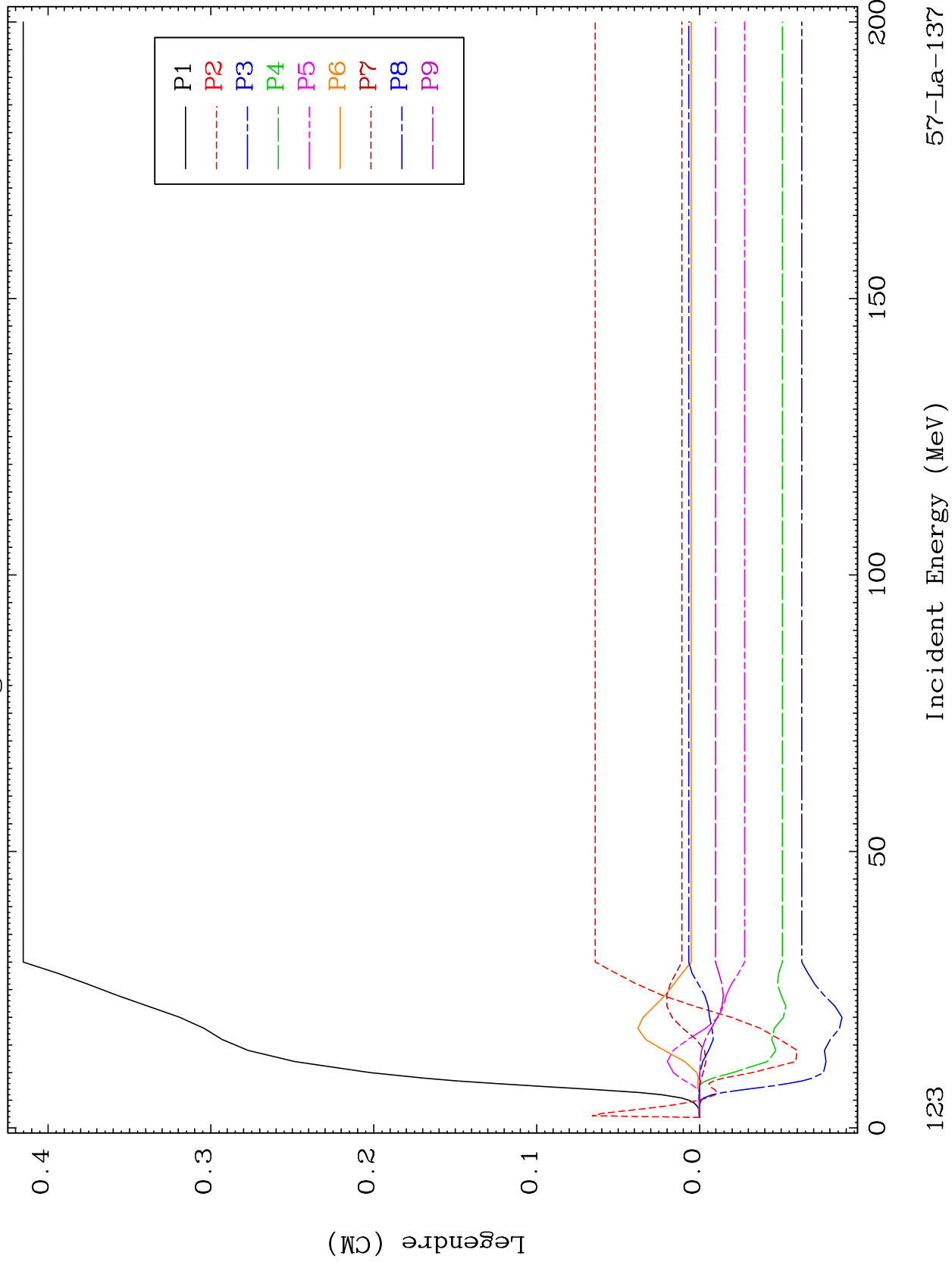
Incident Energy (MeV)

57-La-137

MAT 5722

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

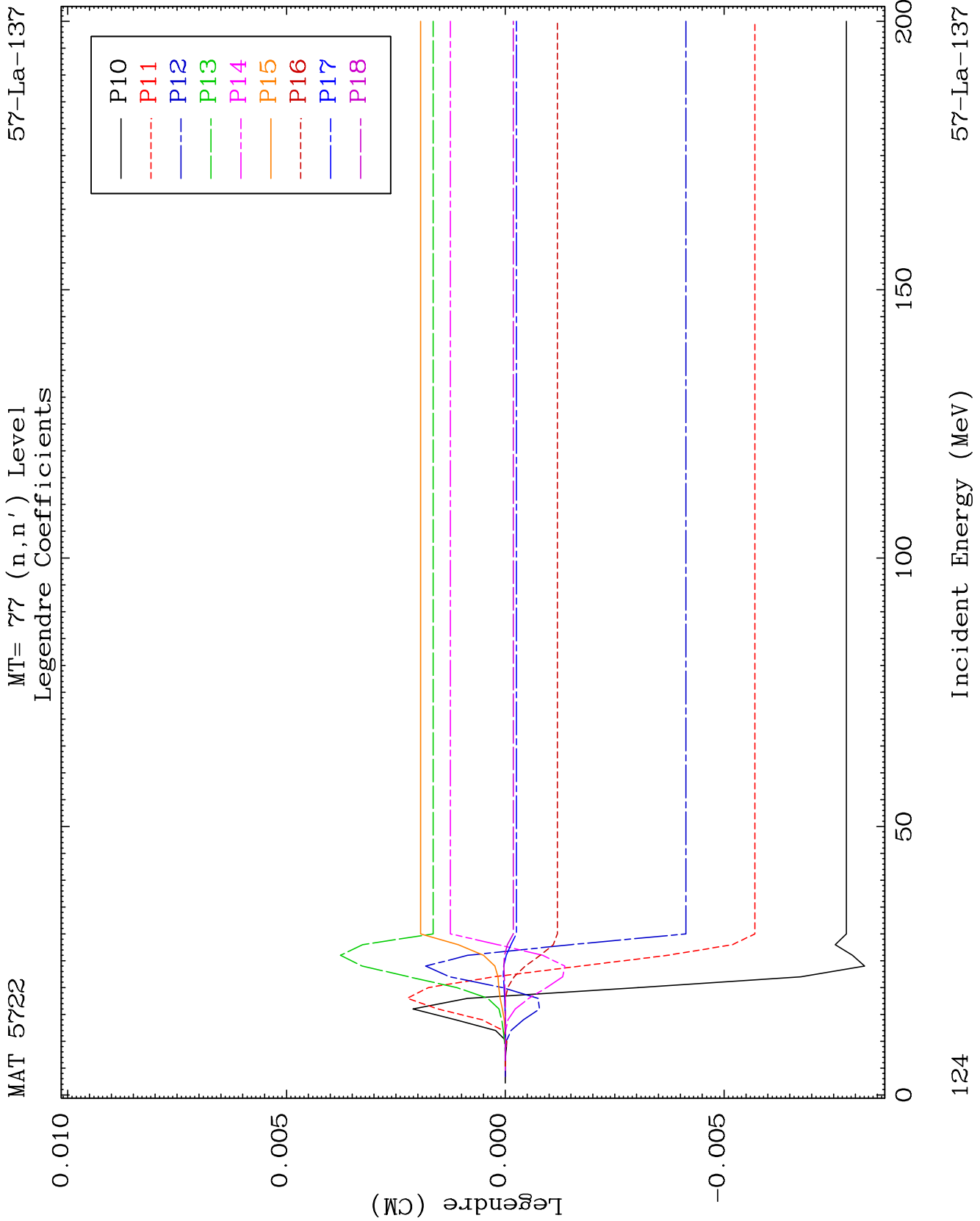
57-La-137

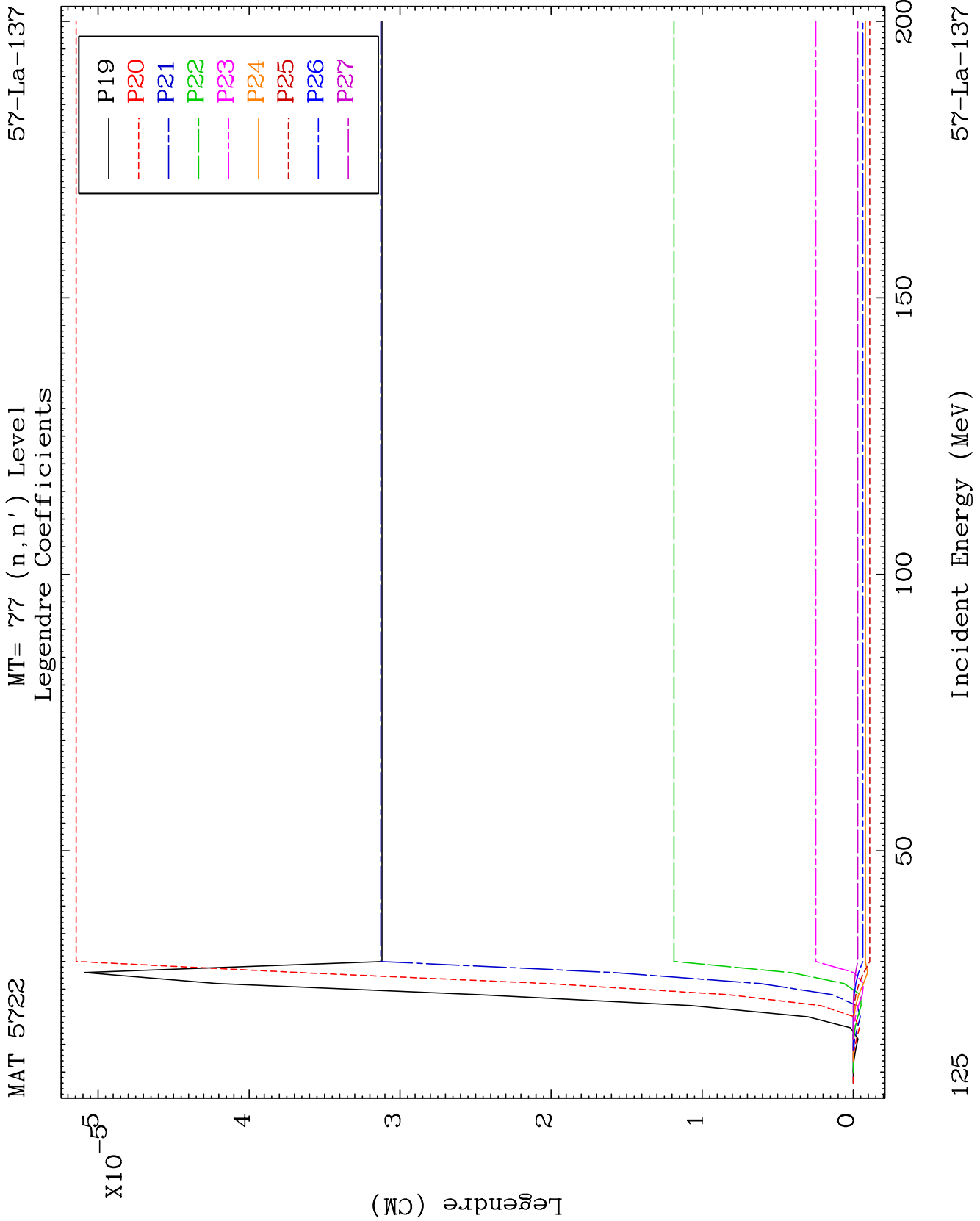


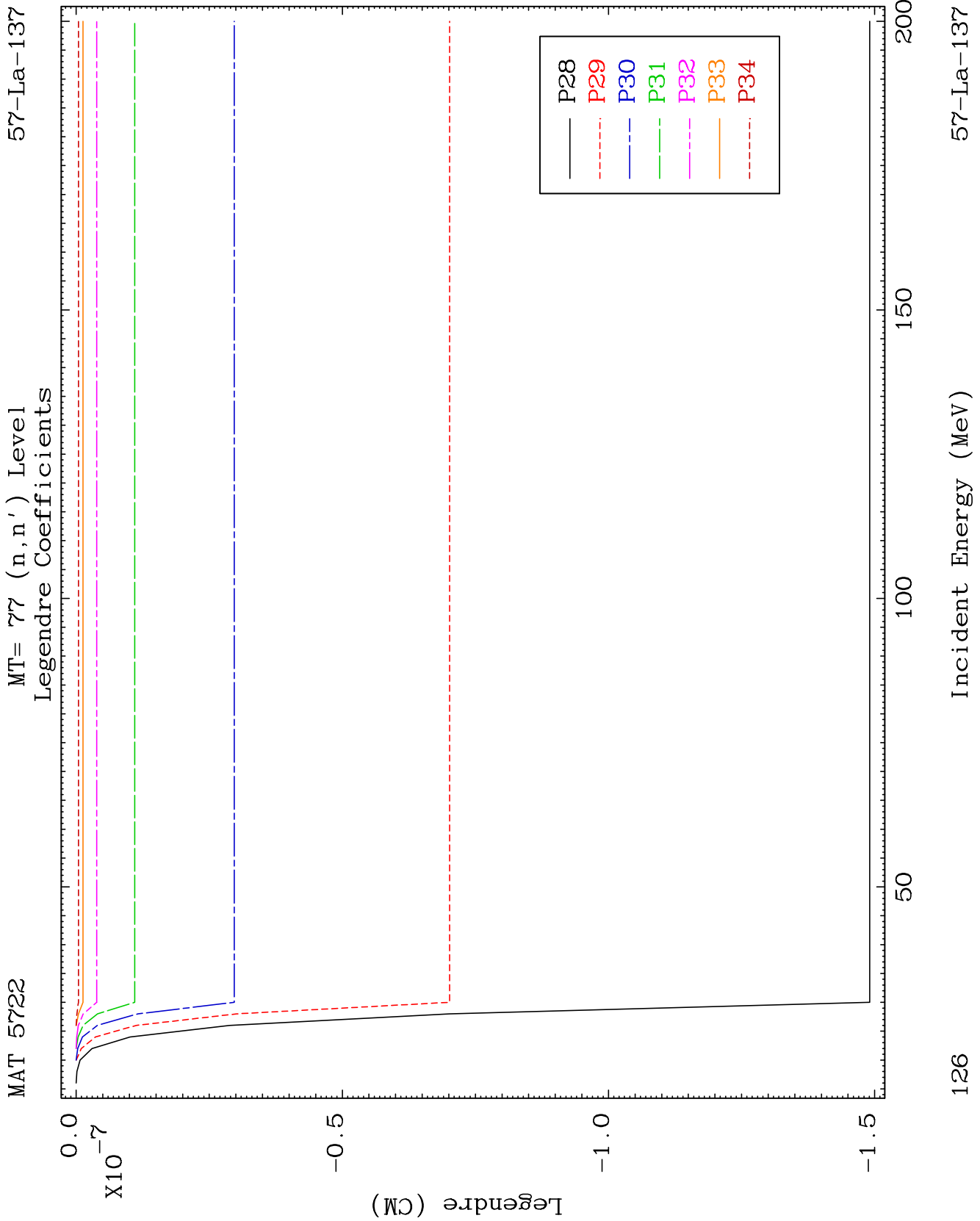
57-La-137

Incident Energy (MeV)

123



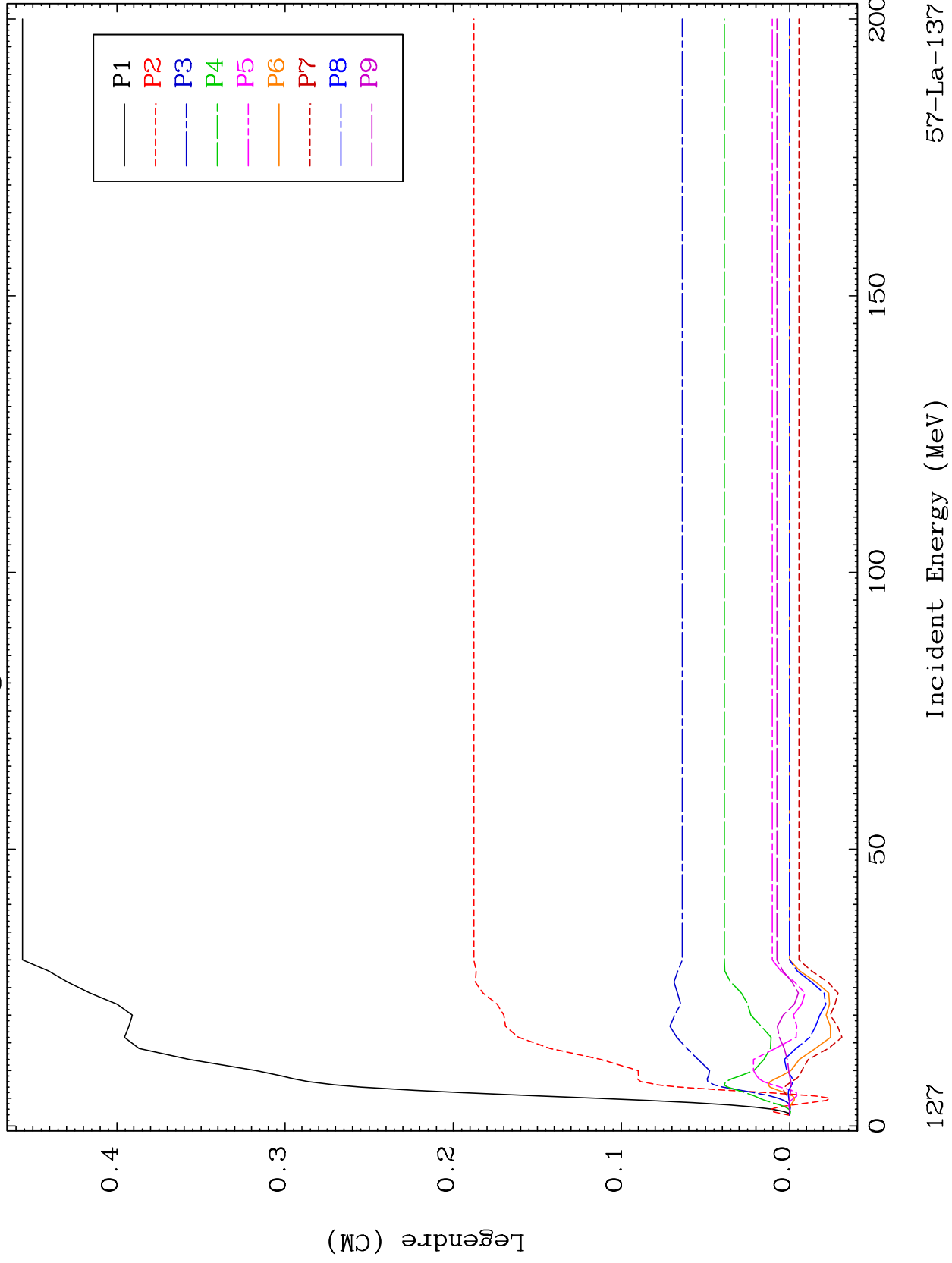




MAT 5722

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

57-La-137



57-La-137

Incident Energy (MeV)

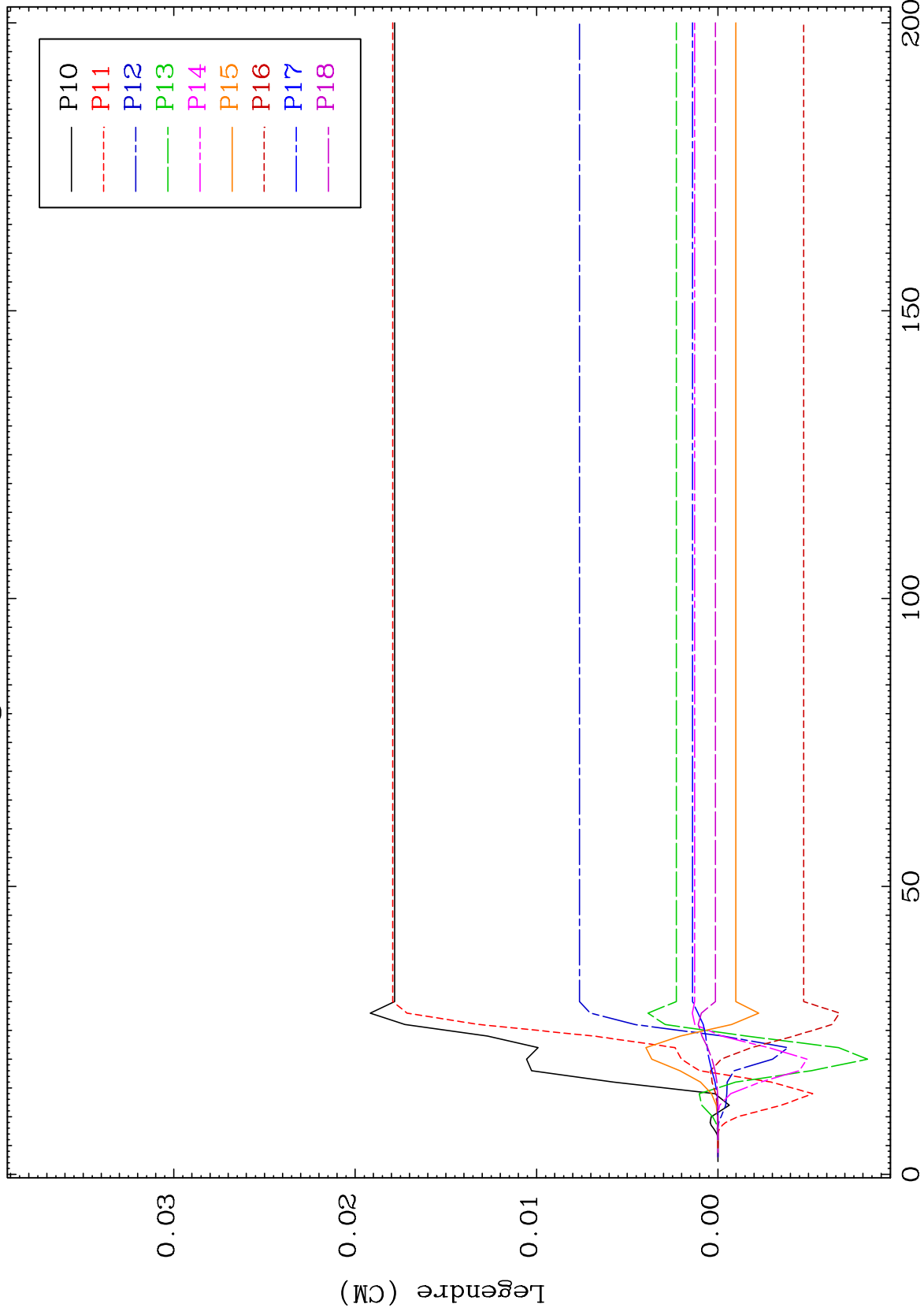
127



MAT 5722

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

57-La-137



128

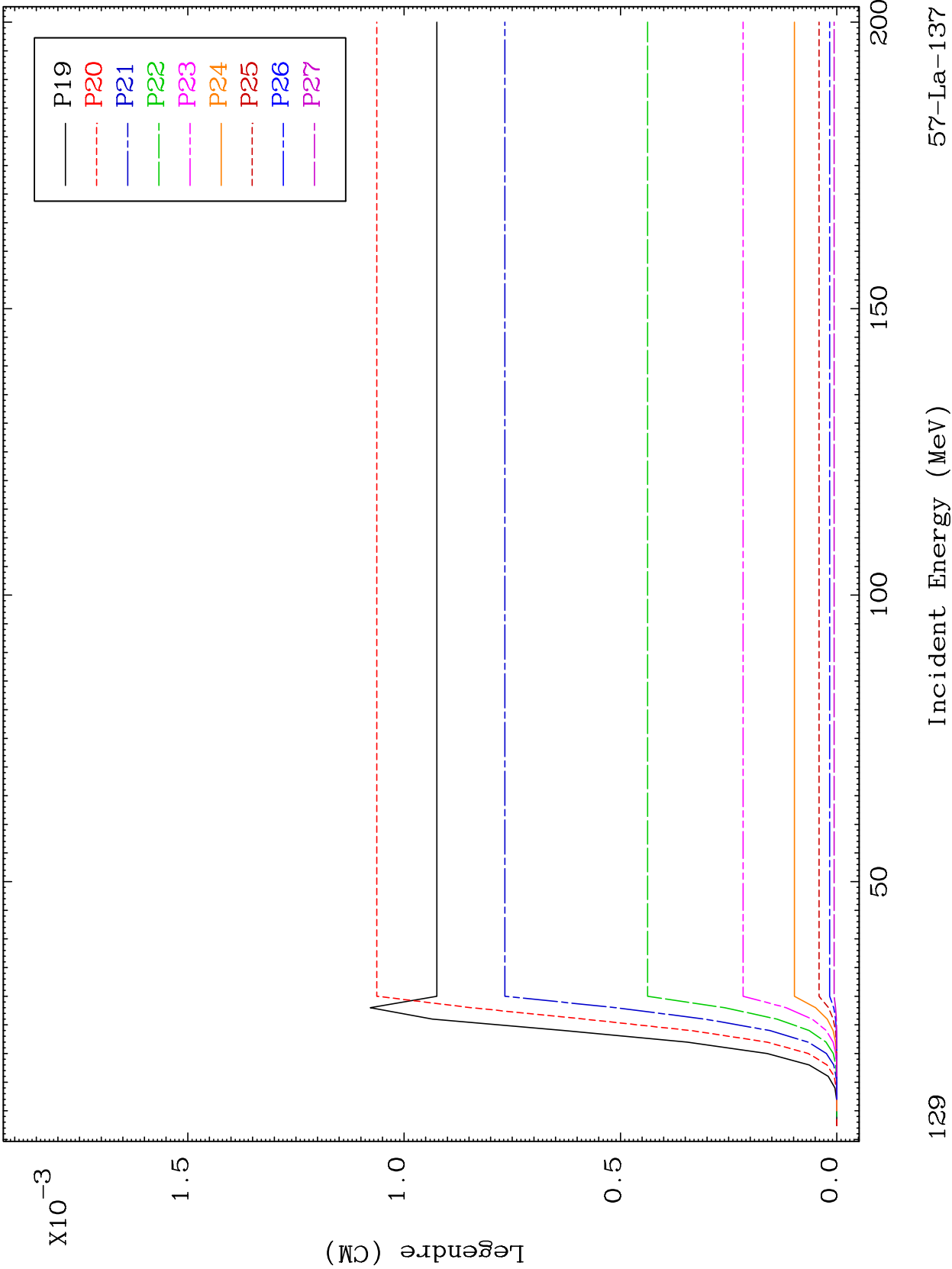
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



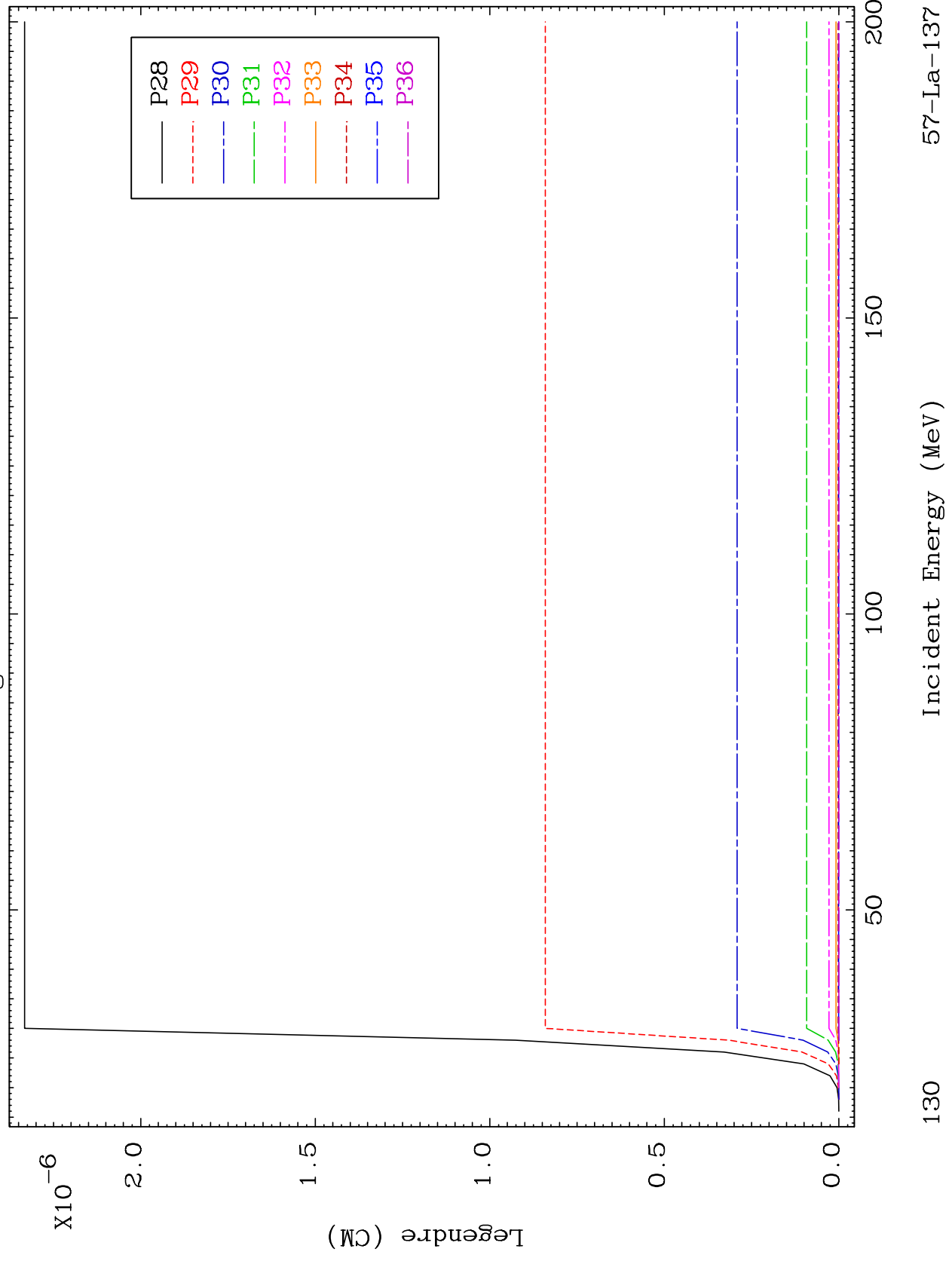
129

57-La-137

MAT 5722

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

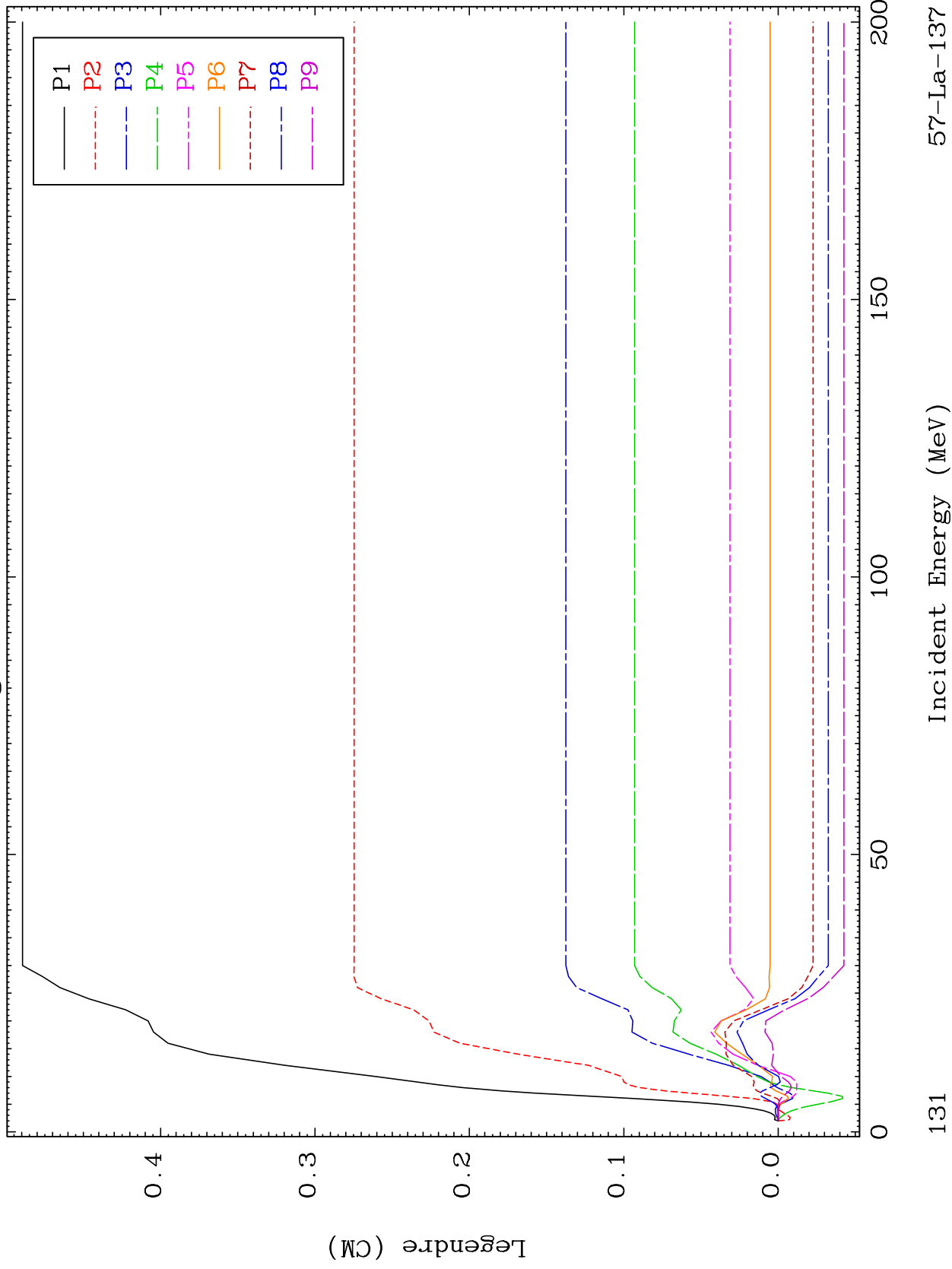
57-La-137



MAT 5722

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

57-La-137



57-La-137

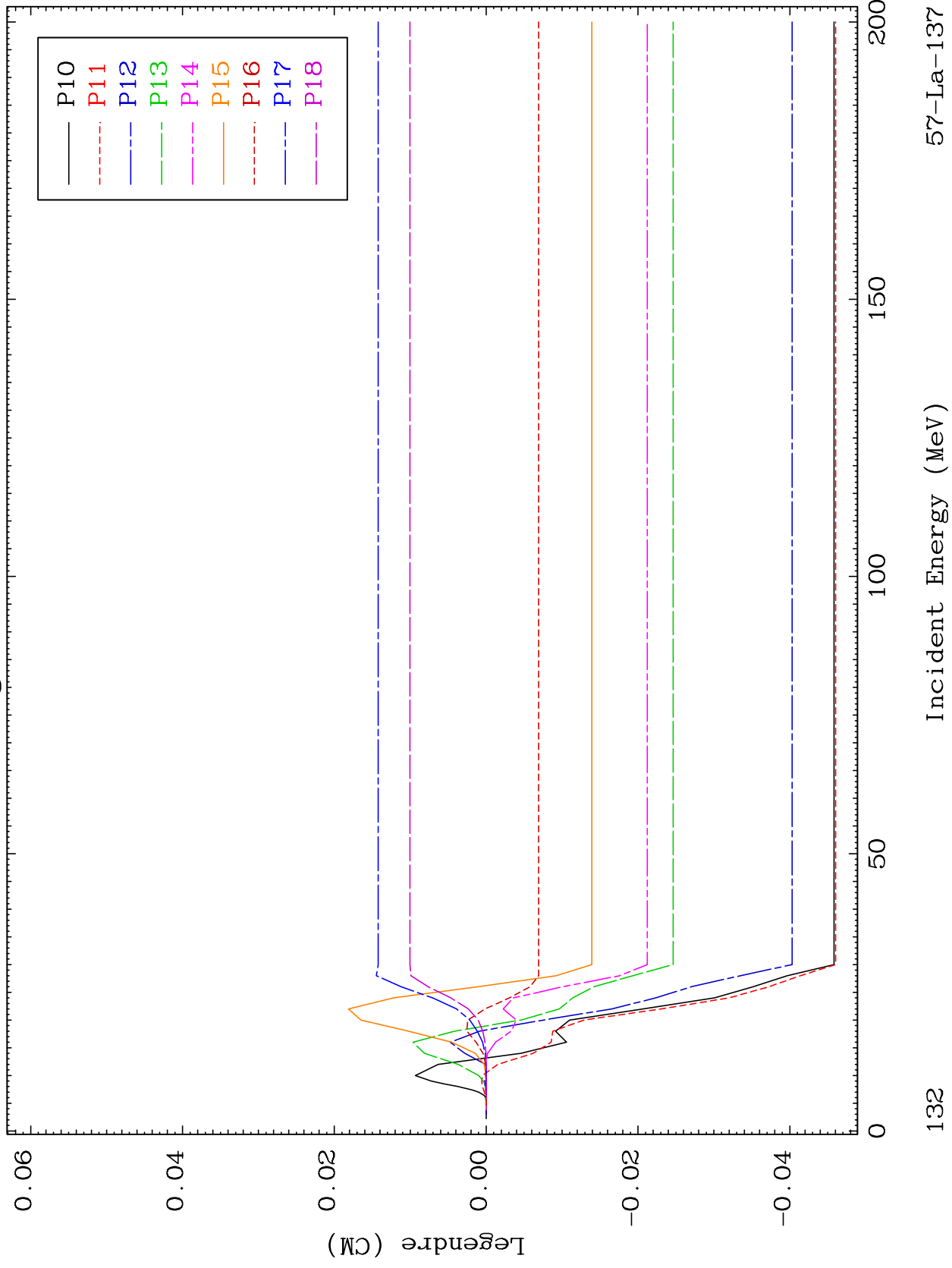
Incident Energy (MeV)

131

MAT 5722

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

57-La-137



57-La-137

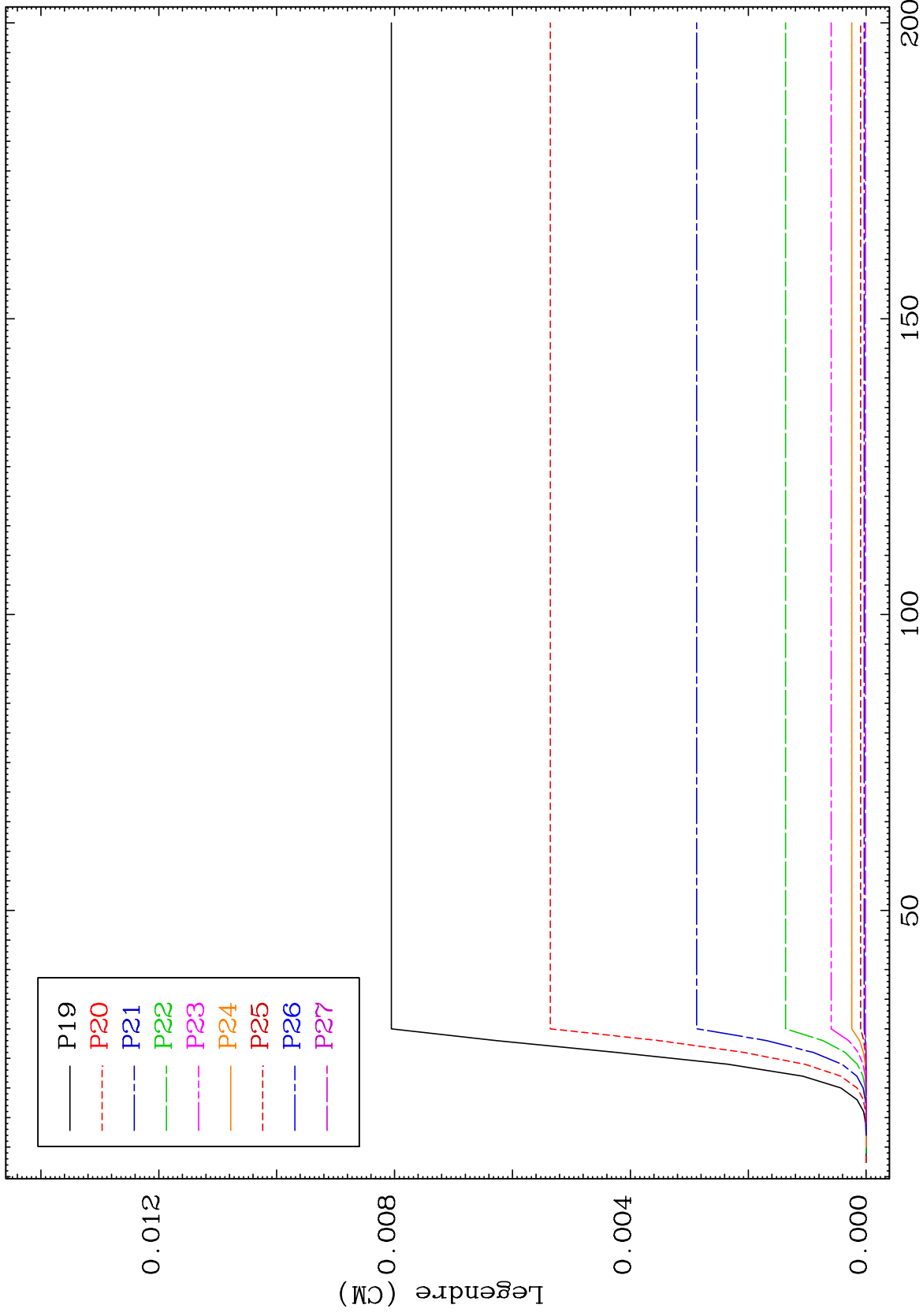
Incident Energy (MeV)

132

MAT 5722

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

57-La-137



133

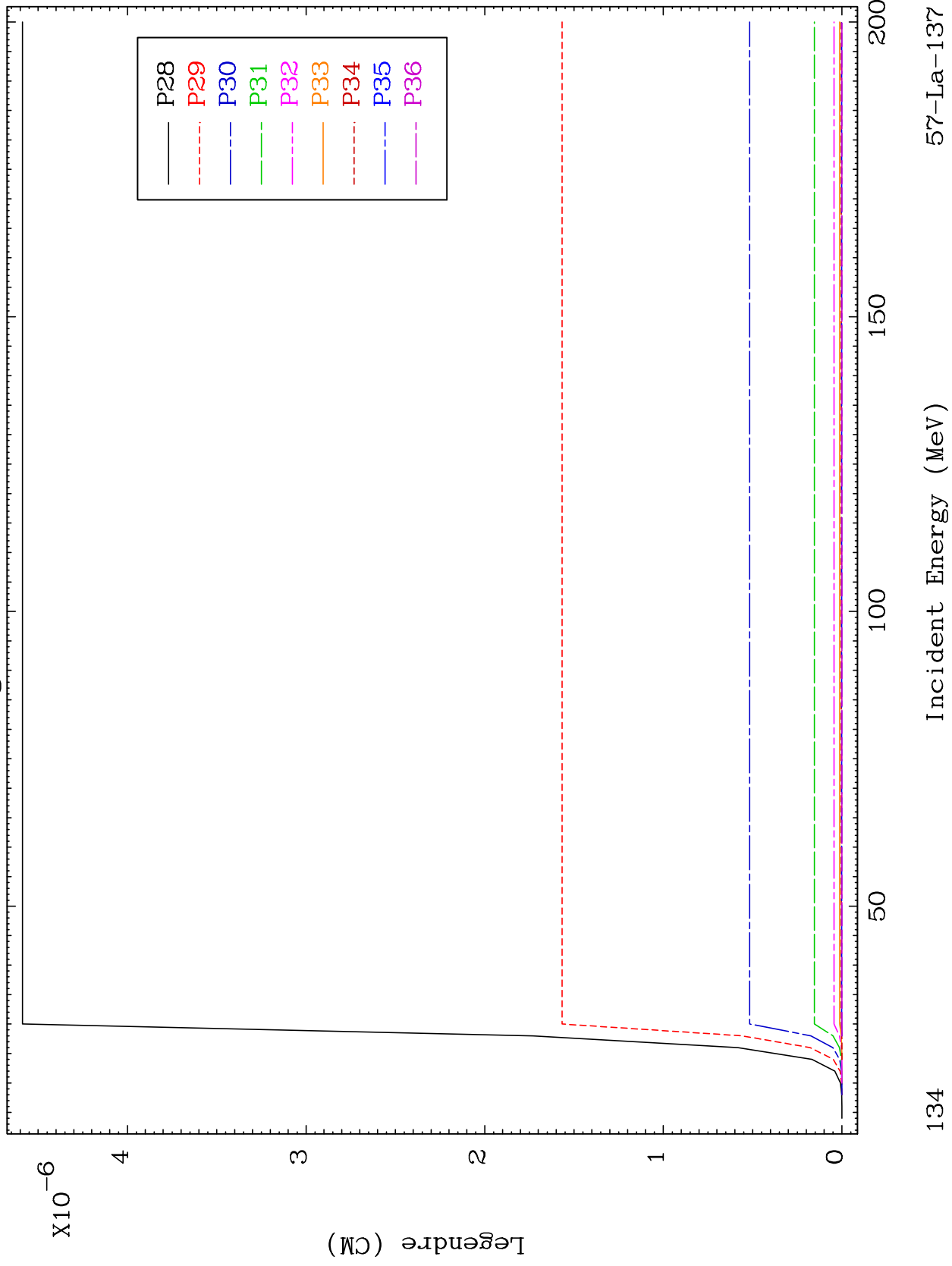
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



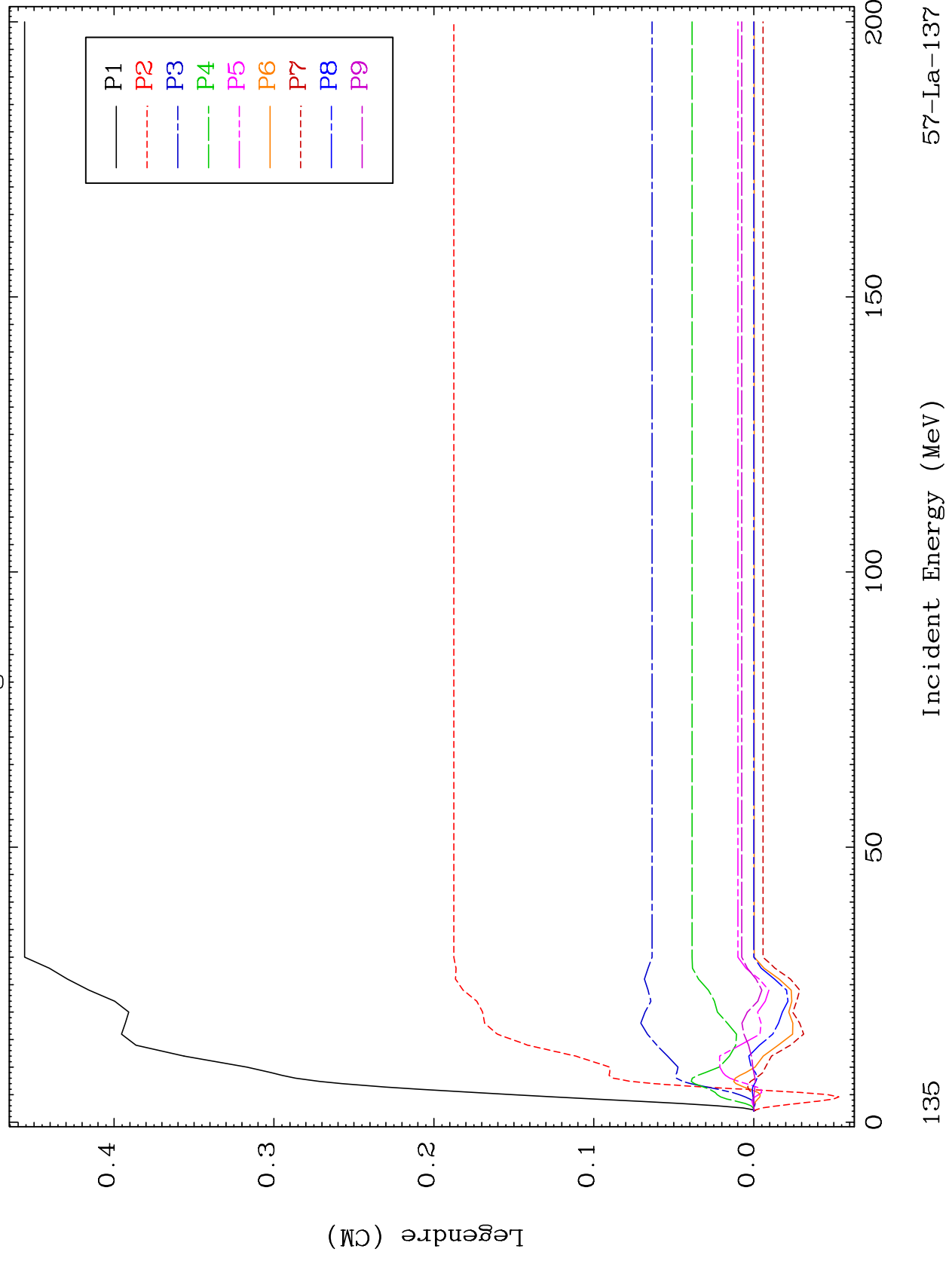
134

57-La-137

MAT 5722

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

57-La-137



57-La-137

Incident Energy (MeV)

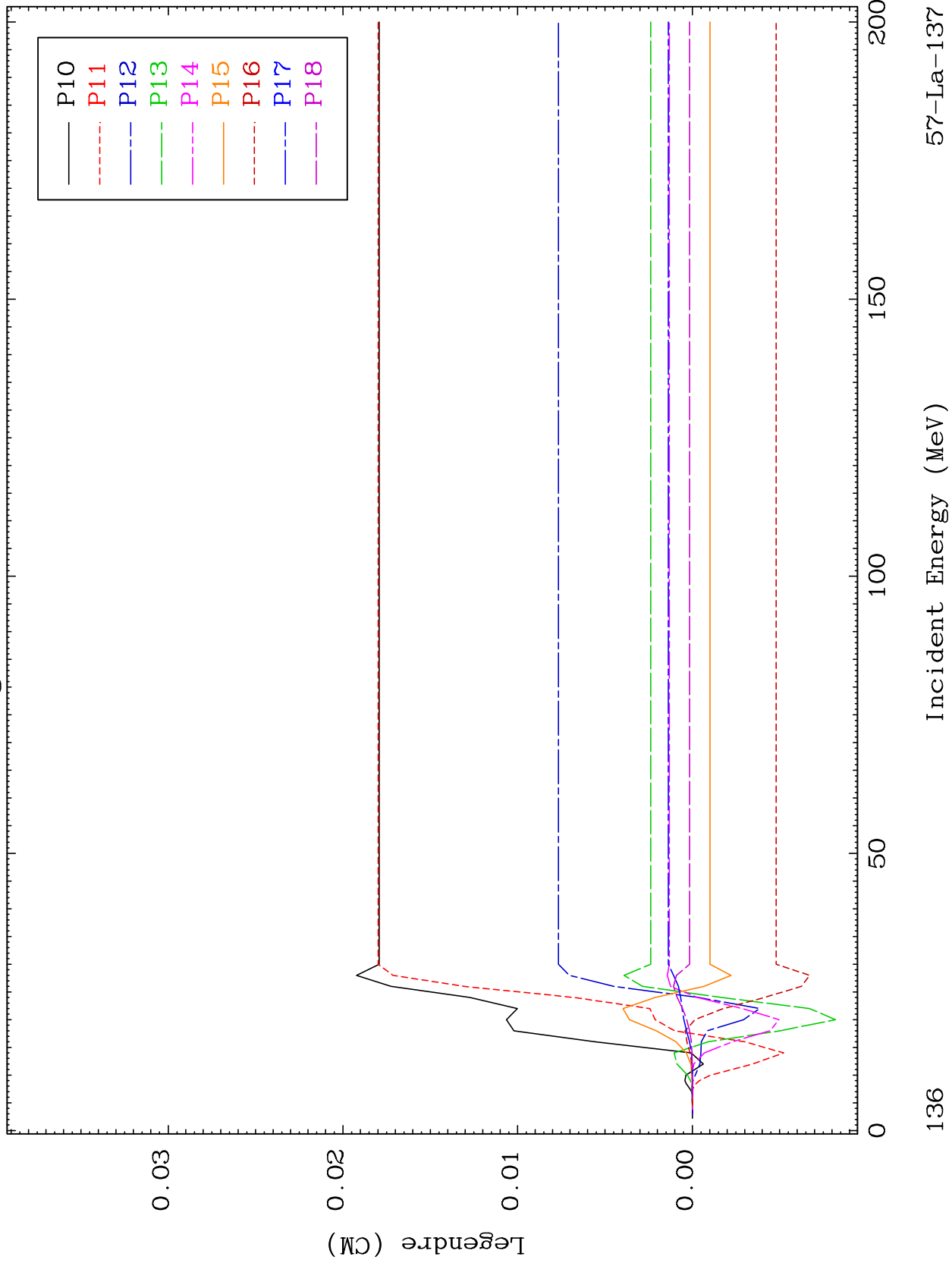
135



MAT 5722

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

57-La-137



57-La-137

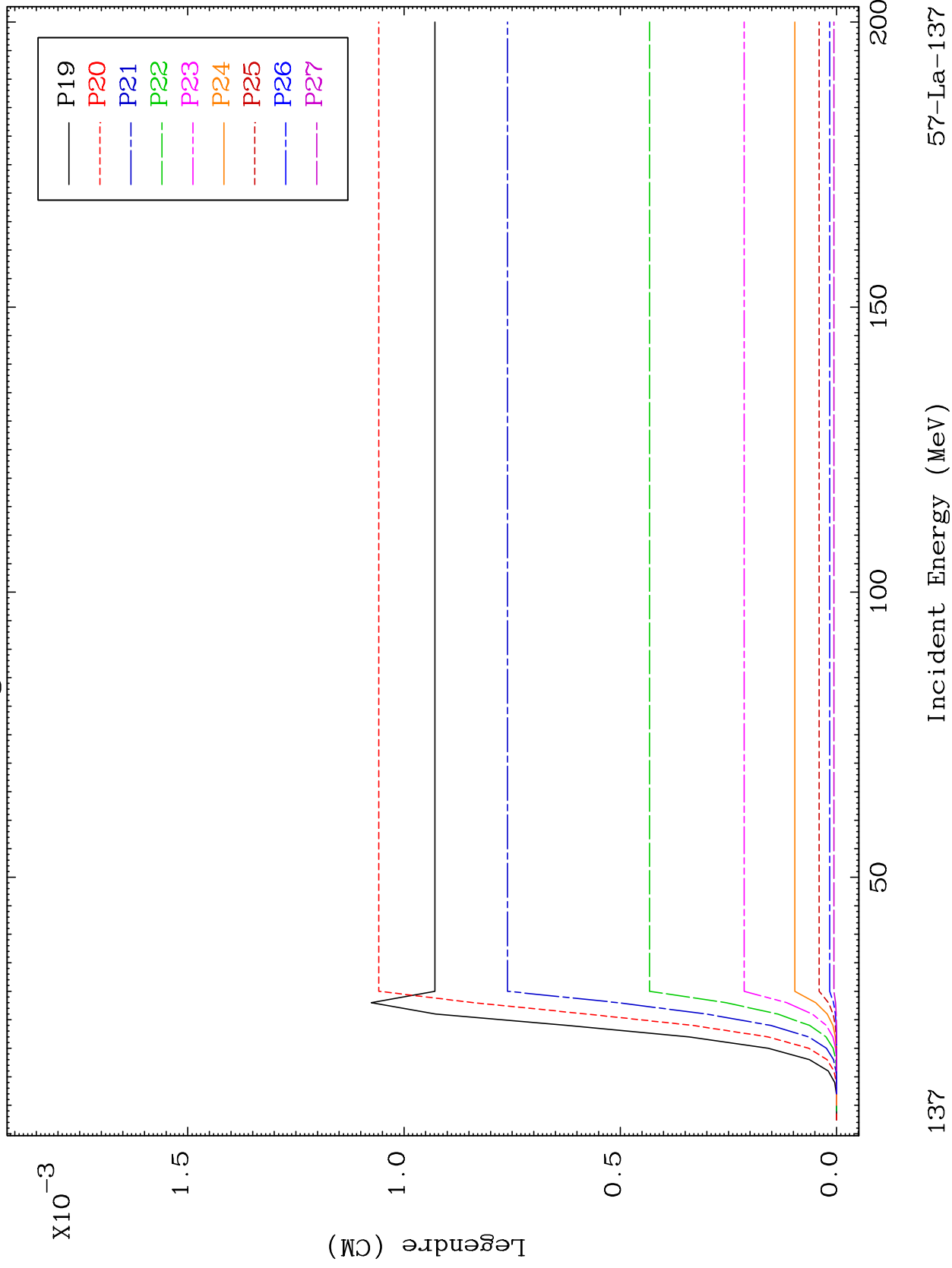
Incident Energy (MeV)

136

MAT 5722

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

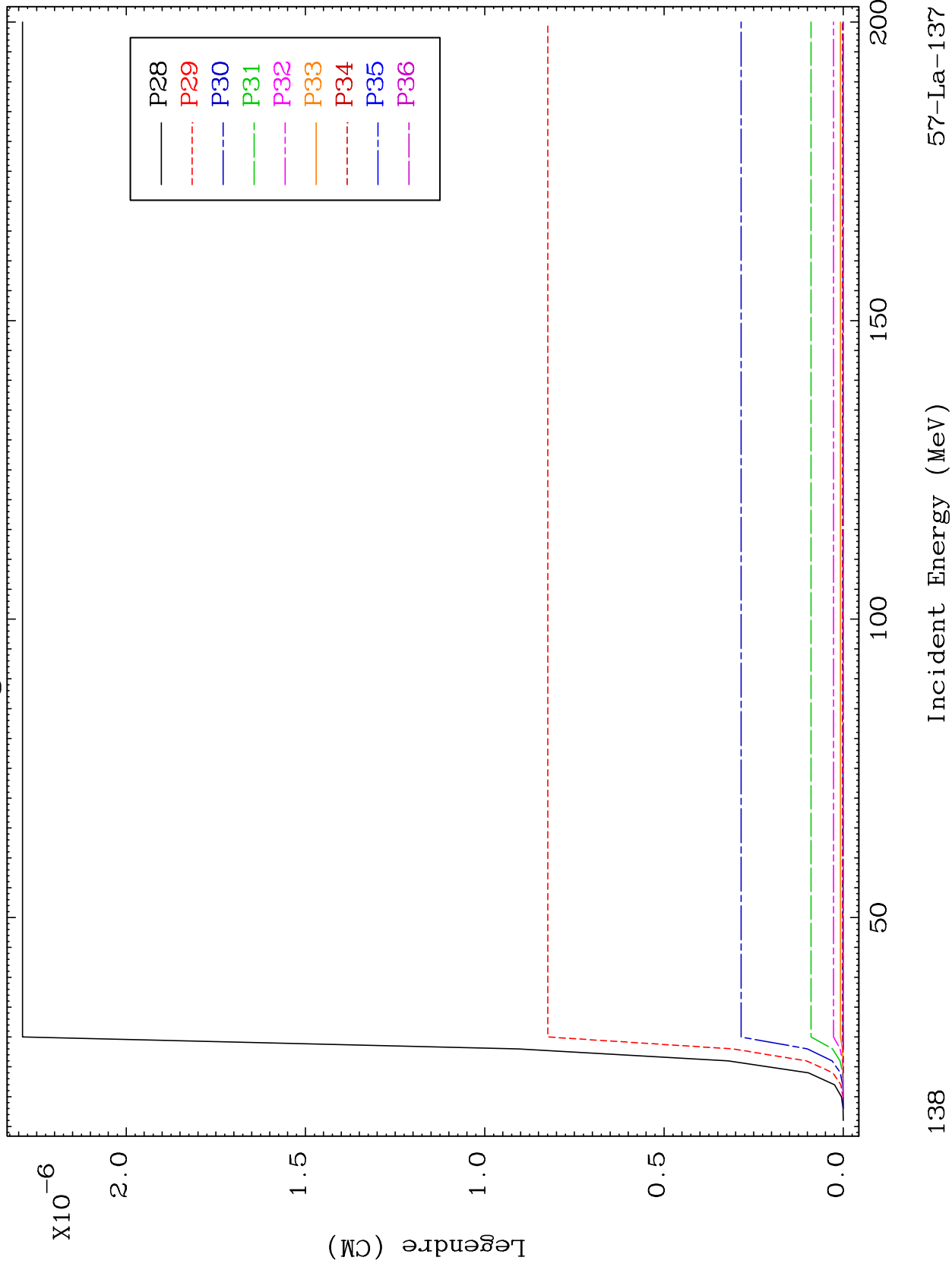
57-La-137



MAT 5722

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

57-La-137



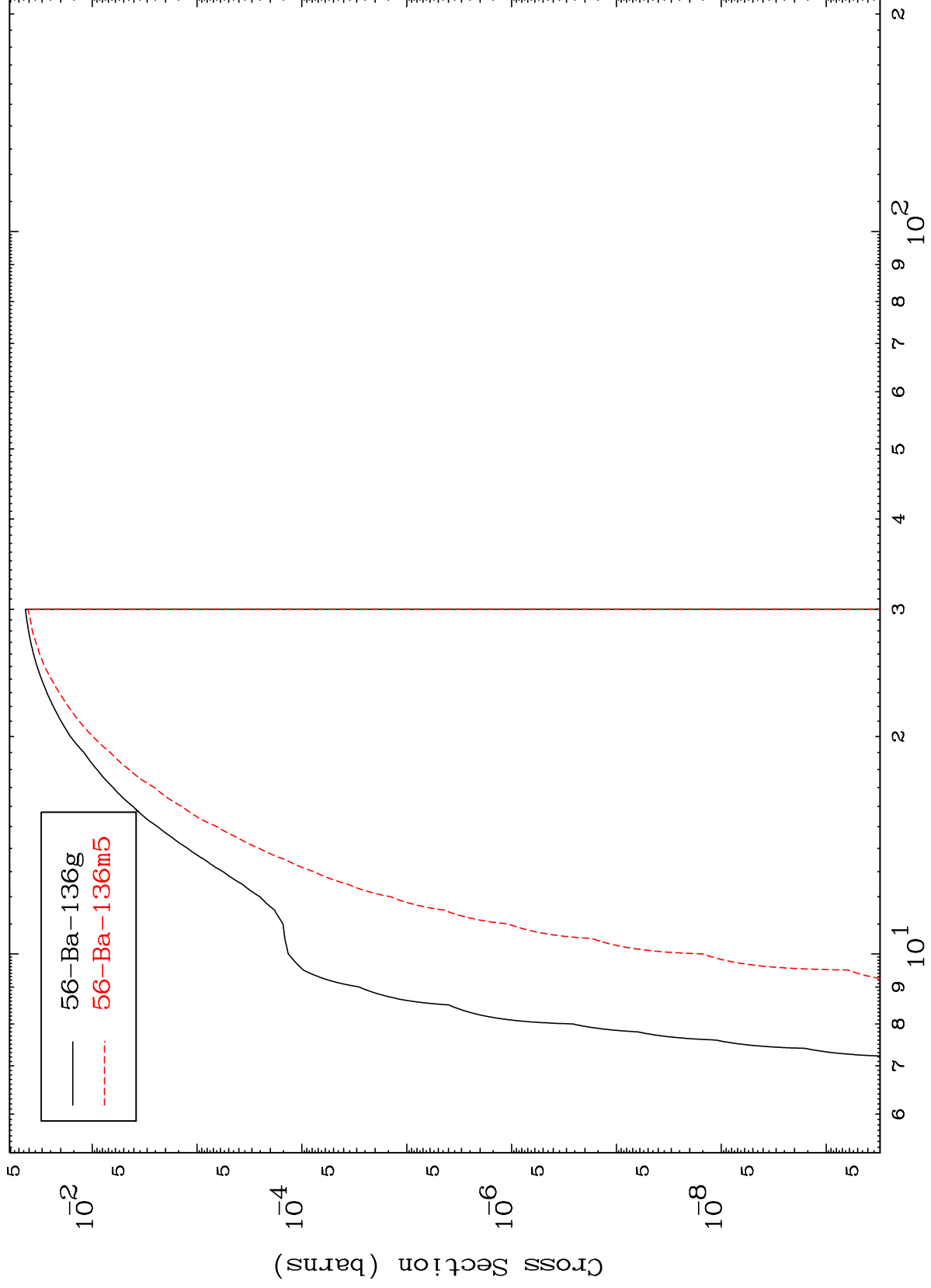
138

57-La-137

MAT 5722

57-La-137

(n,n') p  
Radionuclide Production Cross Section



56-Ba-136g  
56-Ba-136m5

57-La-137

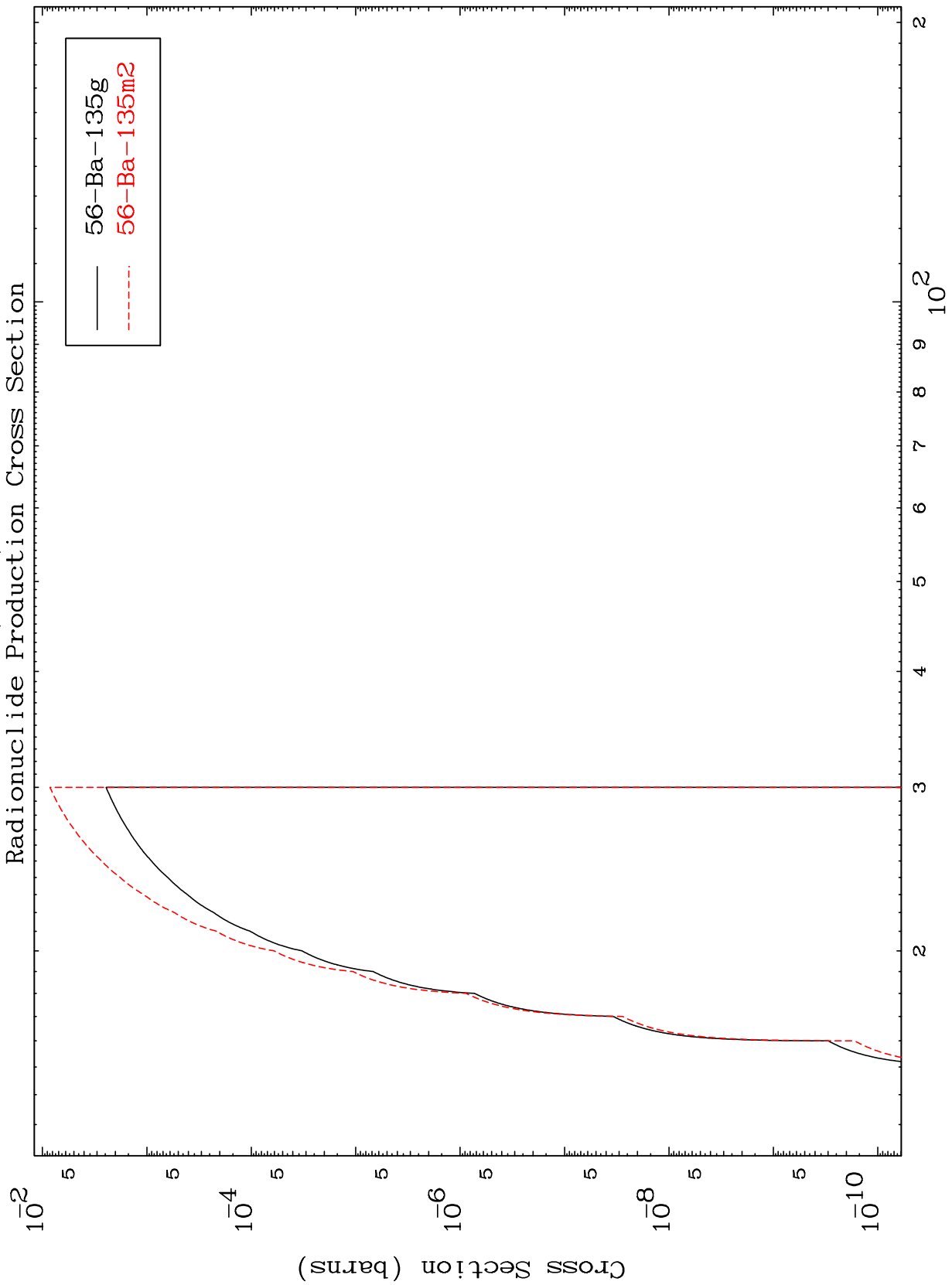
Incident Energy (MeV)

139

MAT 5722

57-La-137

$(n, n')$  d  
Radionuclide Production Cross Section



56-Ba-135g  
56-Ba-135m2

140

Incident Energy (MeV)

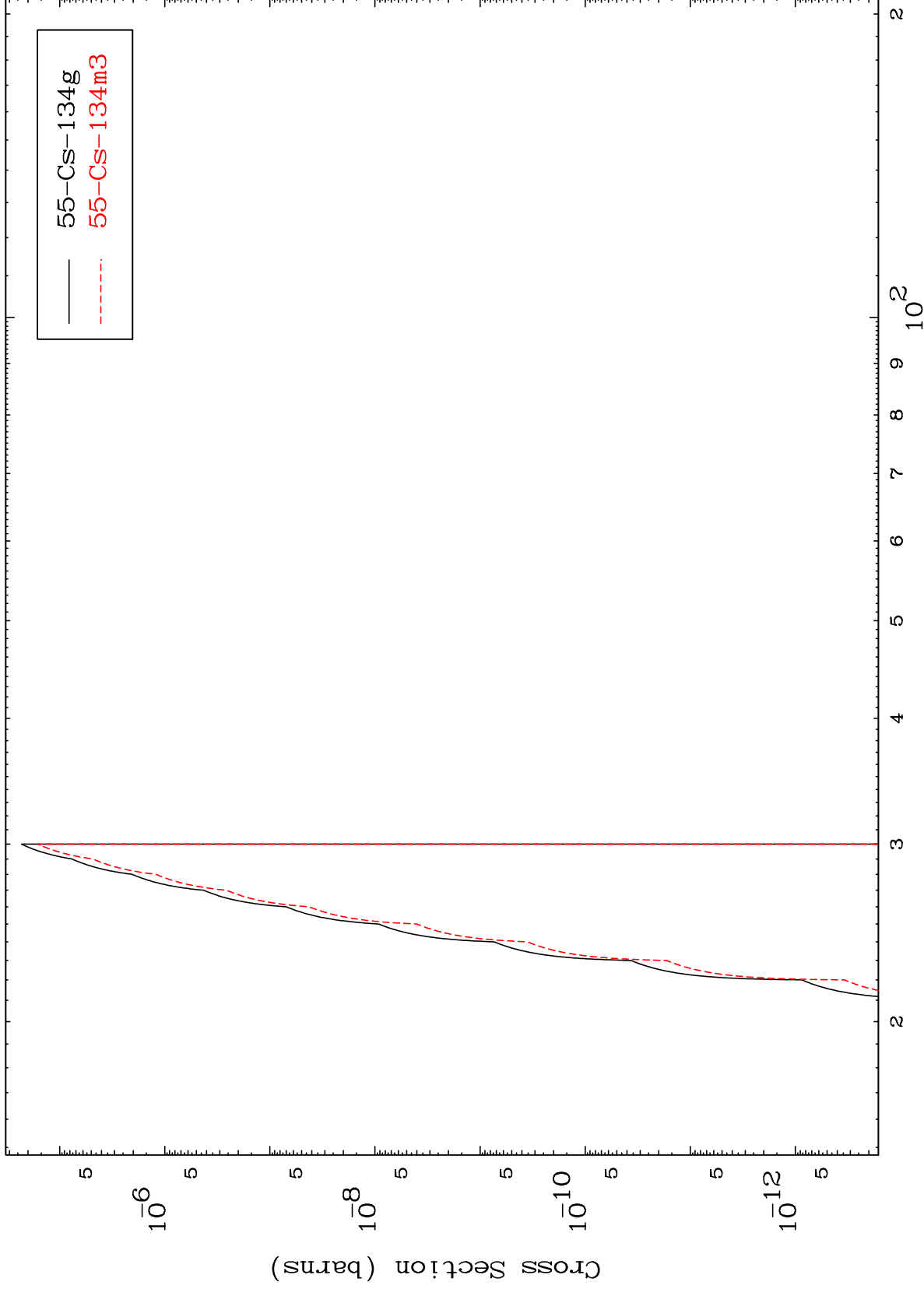
57-La-137

MAT 5722

(n,n') He-3

57-La-137

Radionuclide Production Cross Section

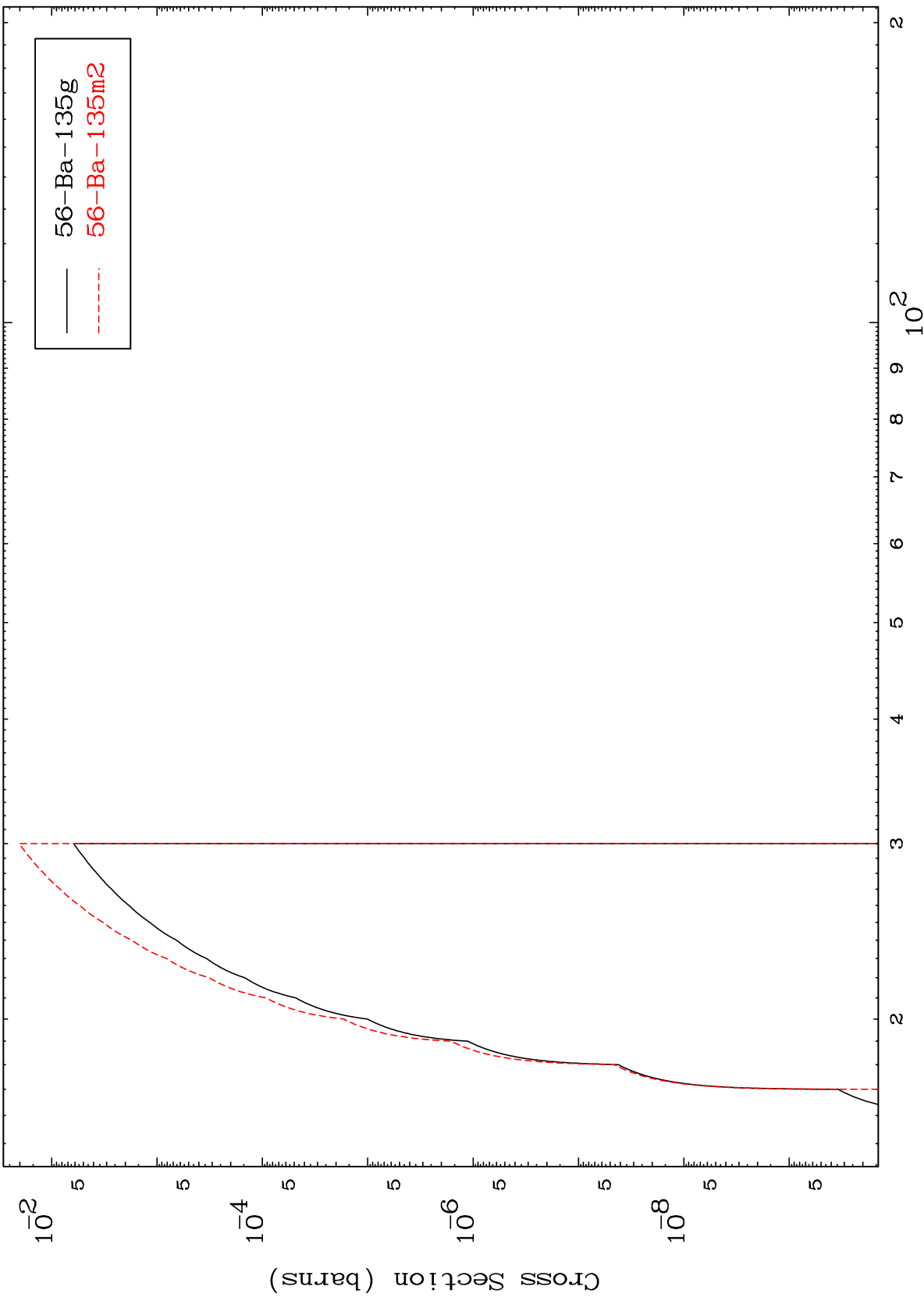


141

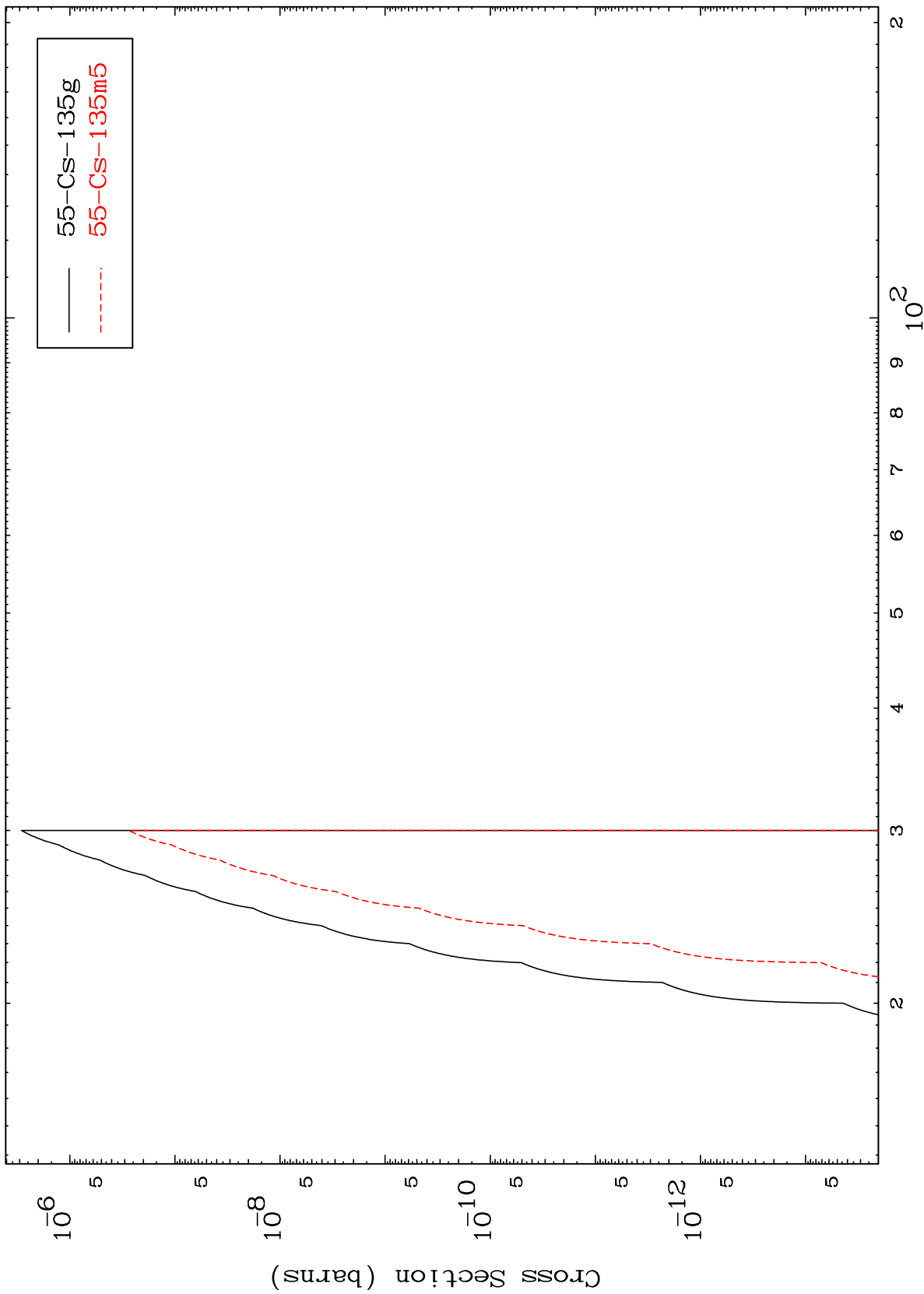
Incident Energy (MeV)

57-La-137

(n,2n) p  
Radionuclide Production Cross Section



(n,2n) p  
Radionuclide Production Cross Section



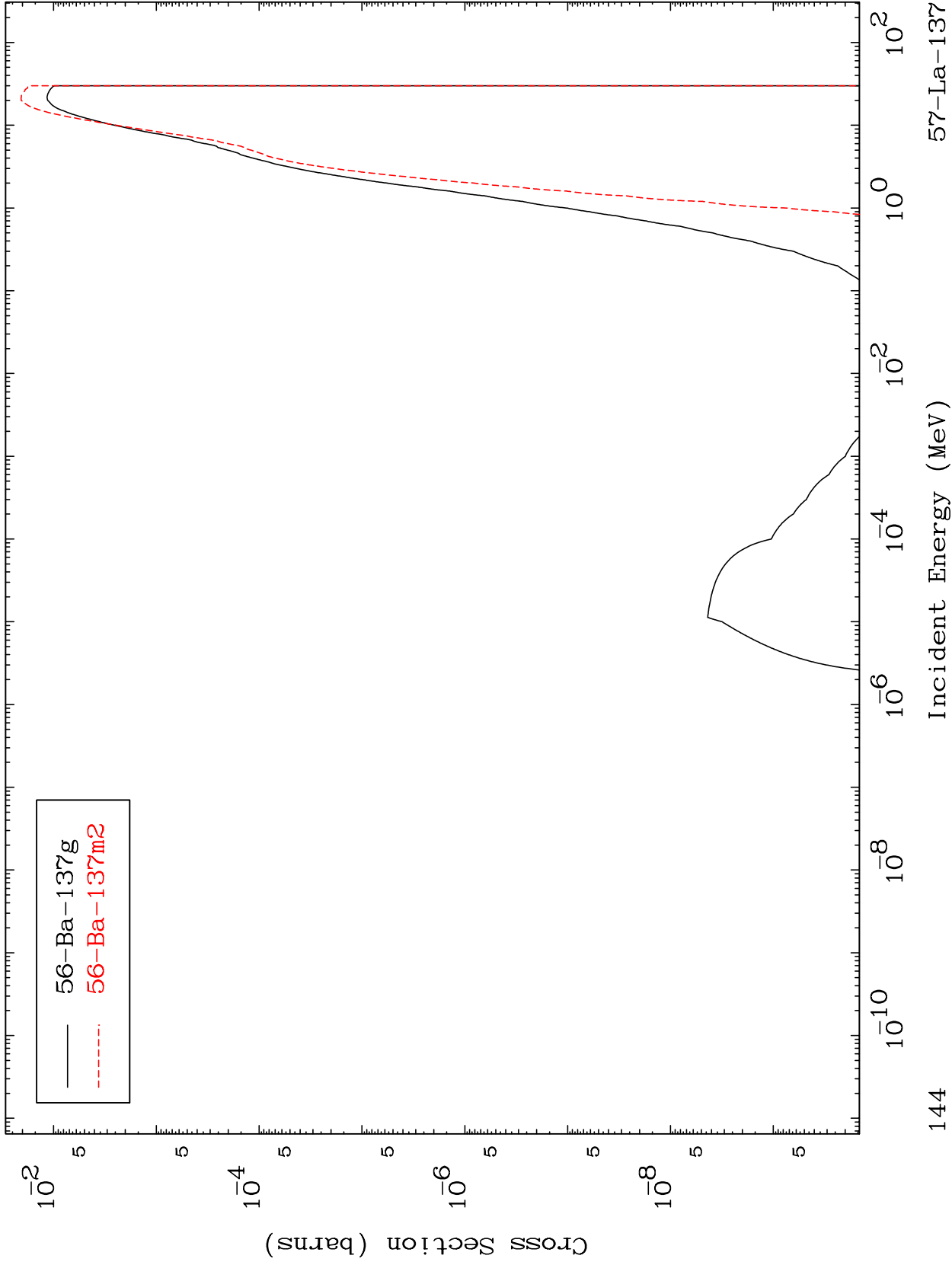
55-Cs-135g  
55-Cs-135m5



MAT 5722

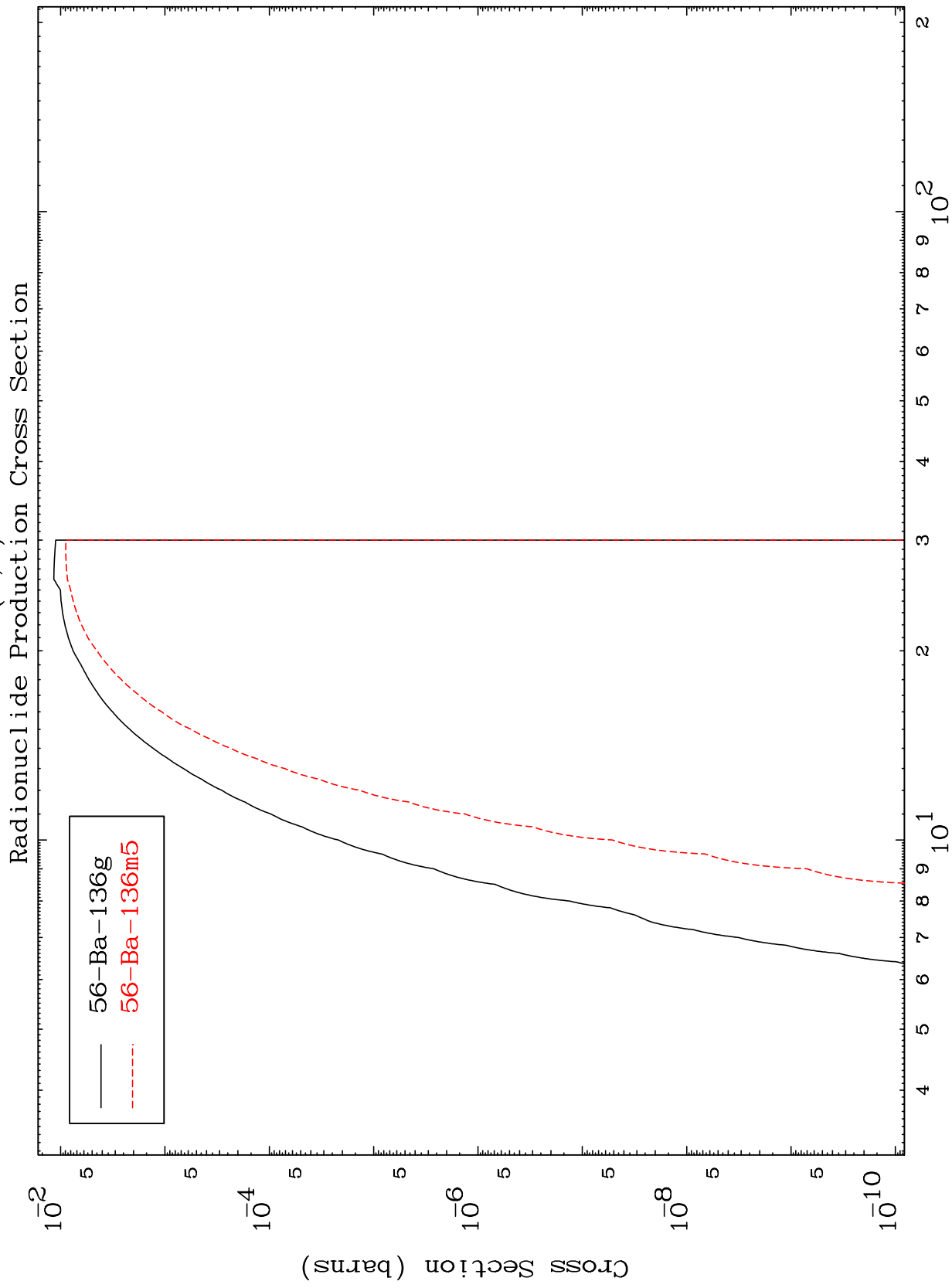
(n,p)  
Radionuclide Production Cross Section

57-La-137



MAT 5722

57-La-137



57-La-137

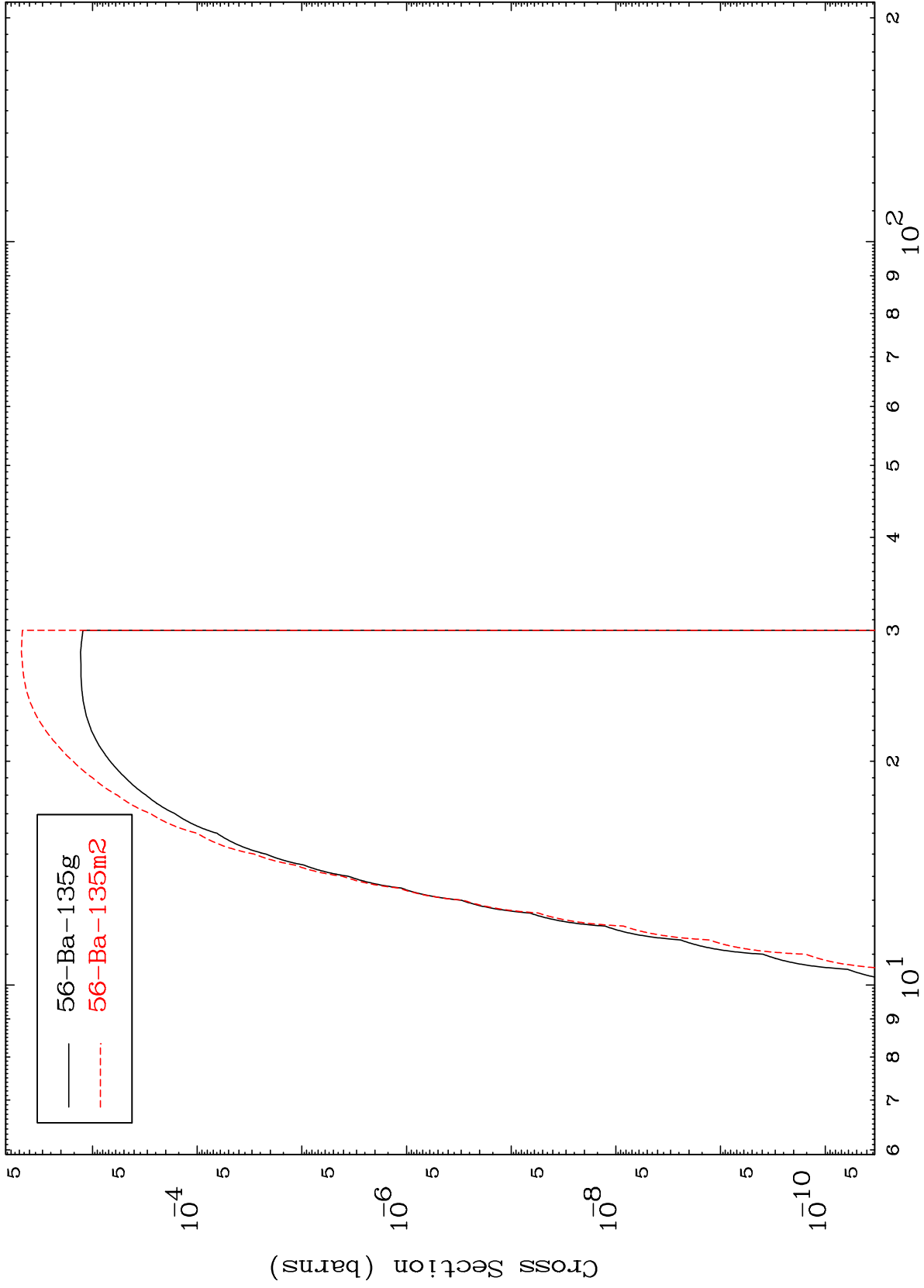
Incident Energy (MeV)

145

MAT 5722

57-La-137

Radionuclide Production Cross Section  
(n, t)



57-La-137

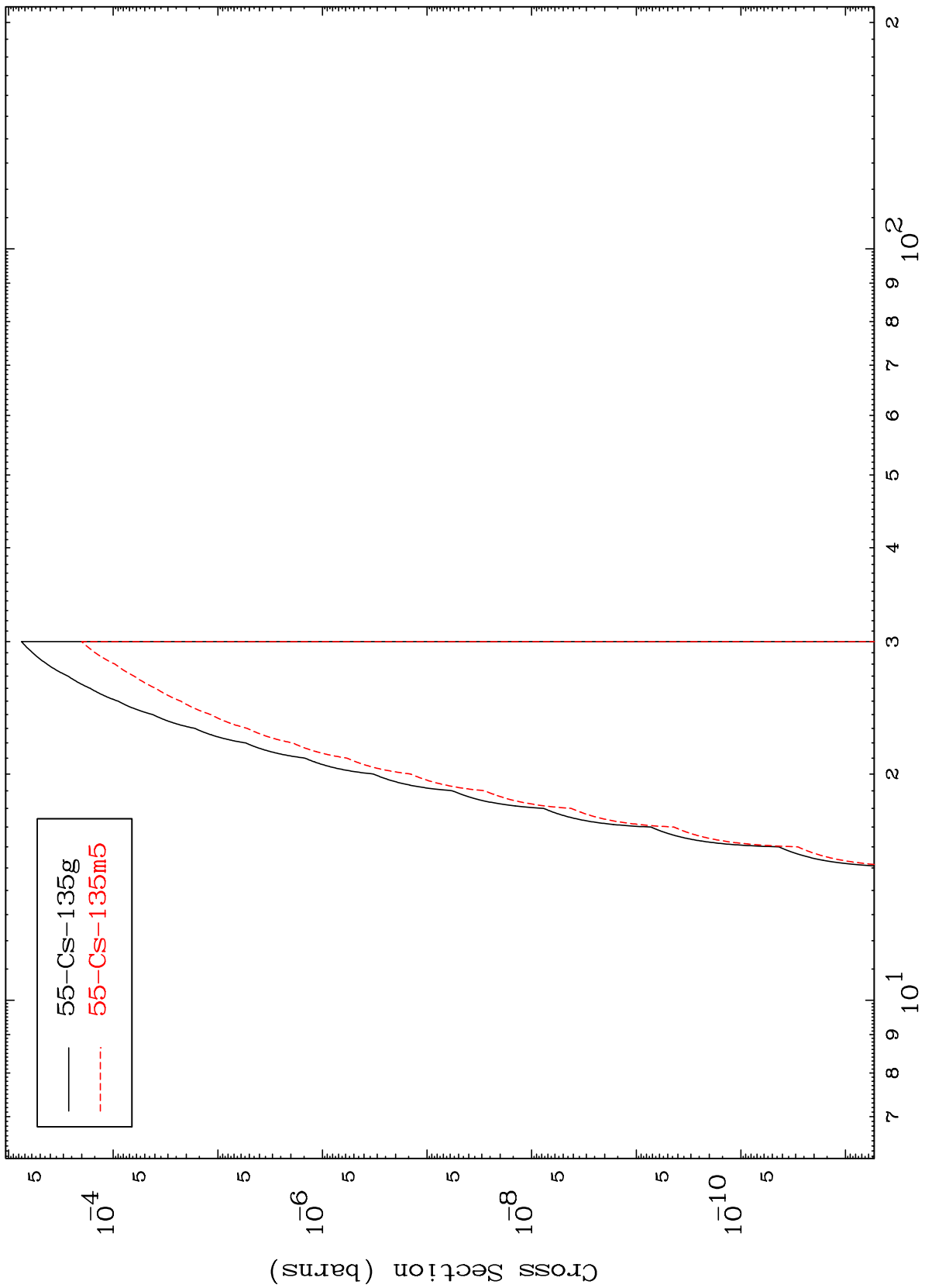
Incident Energy (MeV)

146

MAT 5722

57-La-137

Radionuclide Production Cross Section  
(n,He-3)



147

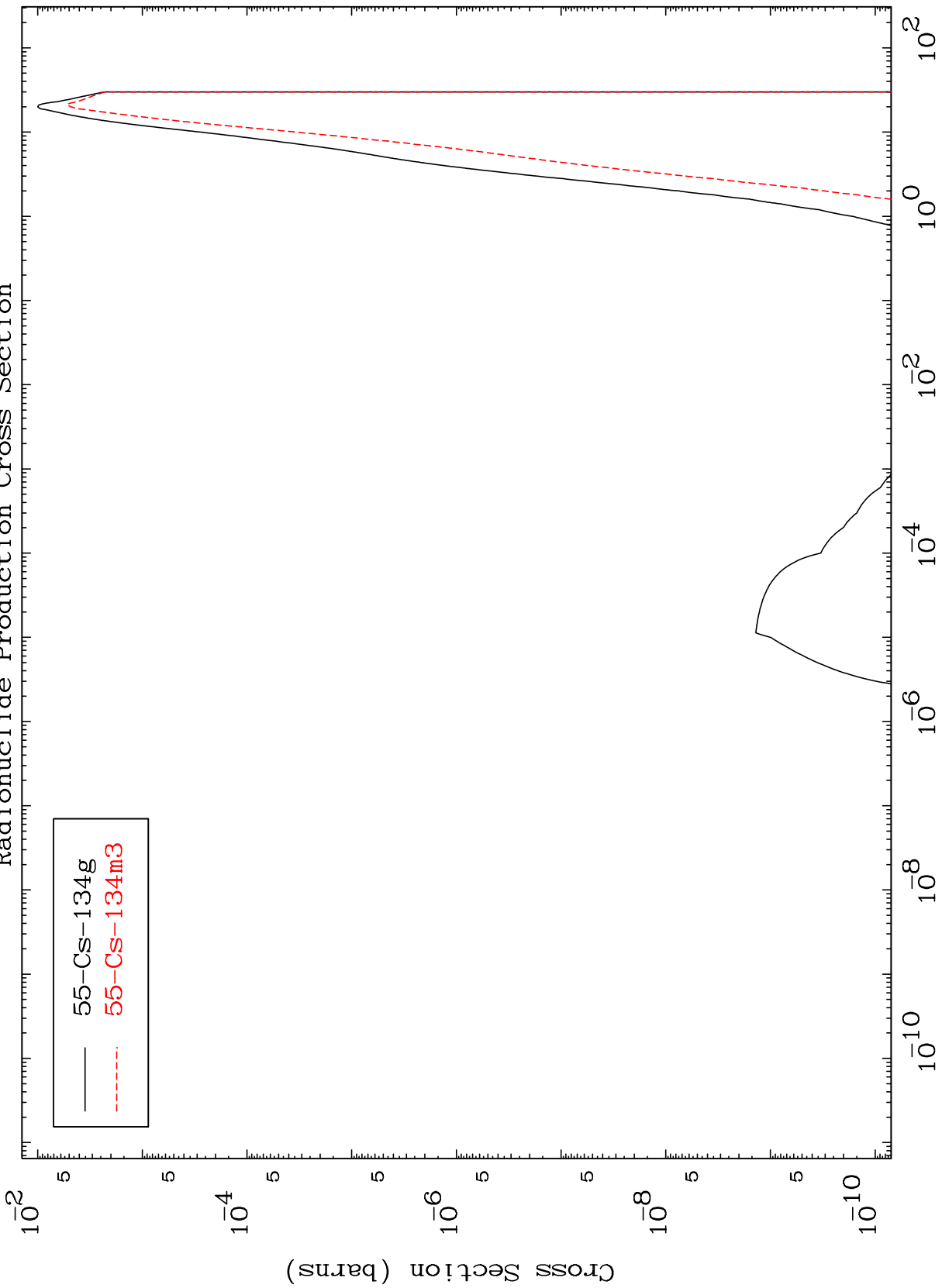
Incident Energy (MeV)

57-La-137

MAT 5722

57-La-137

Radionuclide Production Cross Section



57-La-137

Incident Energy (MeV)

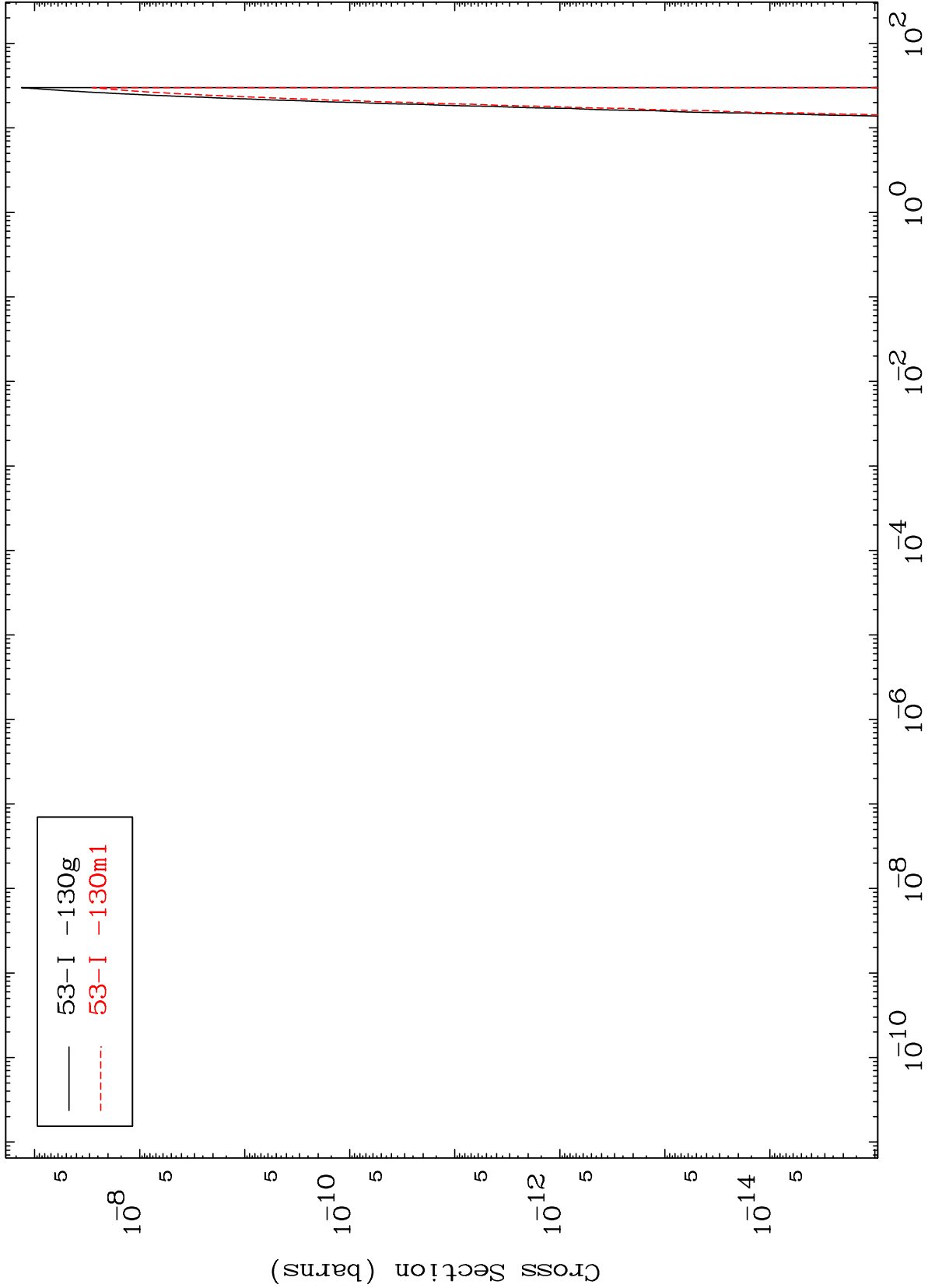
148

MAT 5722

(n,2α)

57-La-137

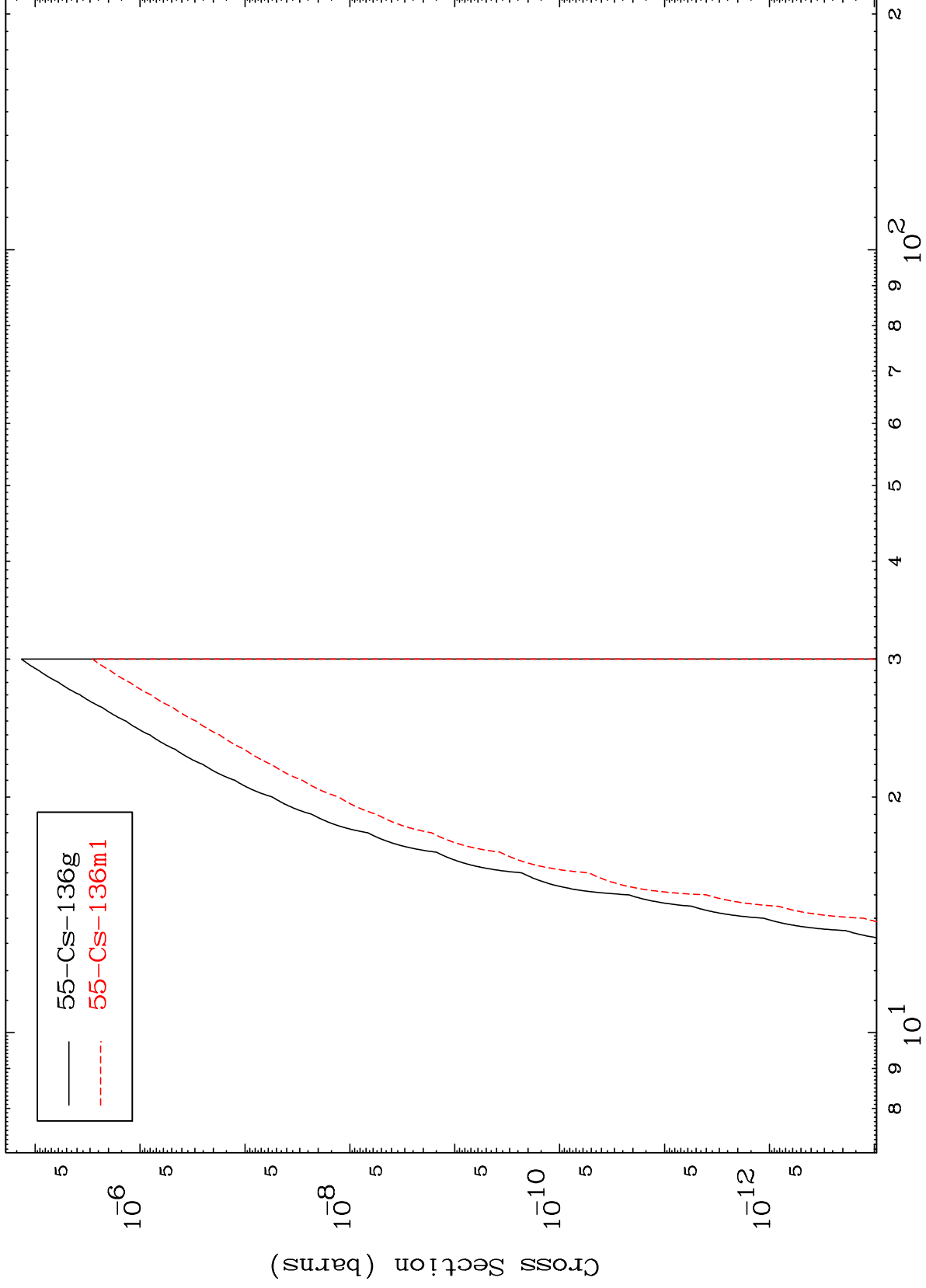
Radionuclide Production Cross Section



MAT 5722

57-La-137

(n,2p)  
Radionuclide Production Cross Section



150

Incident Energy (MeV)

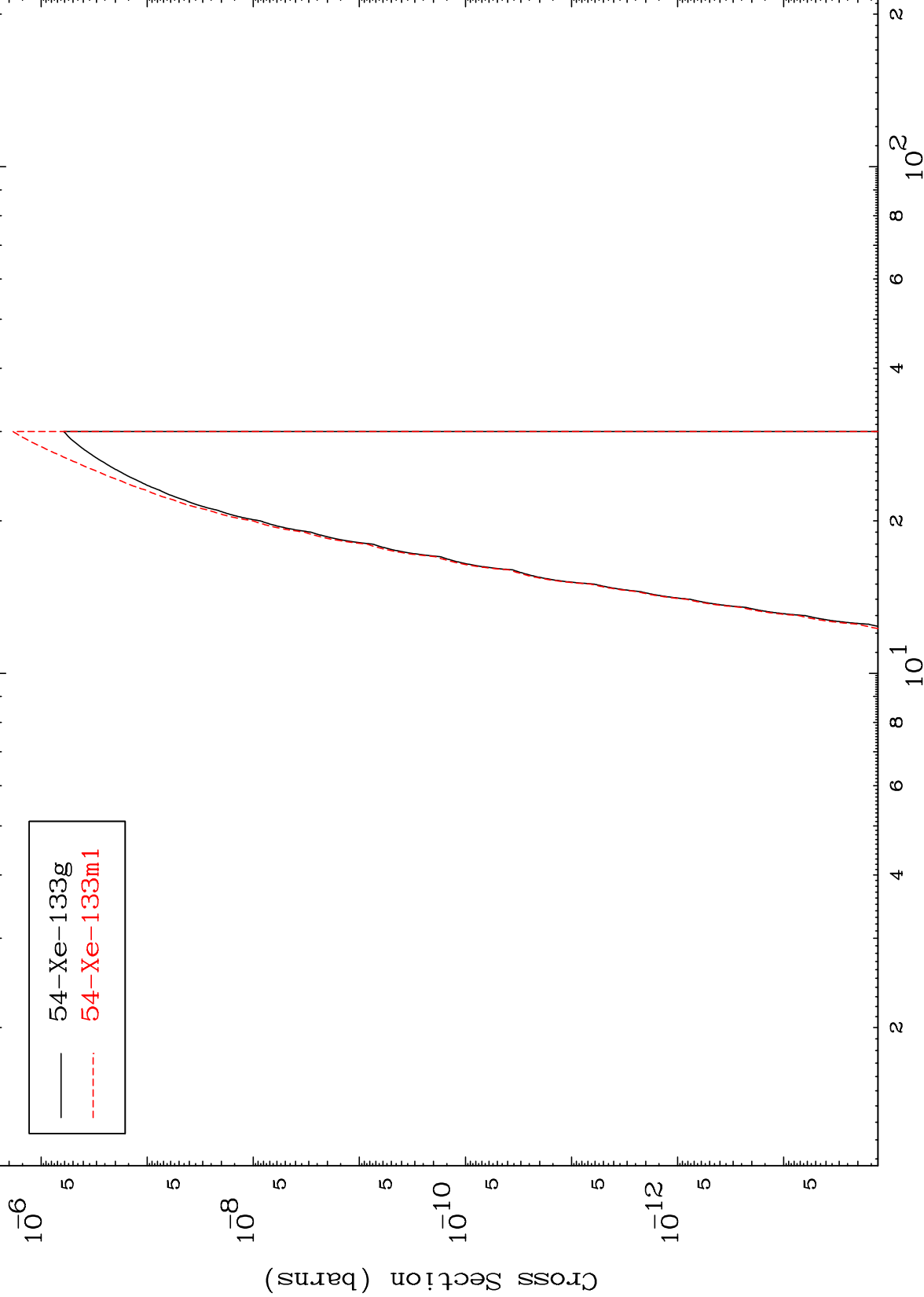
57-La-137

MAT 5722

(n,p)  $\alpha$

57-La-137

Radionuclide Production Cross Section



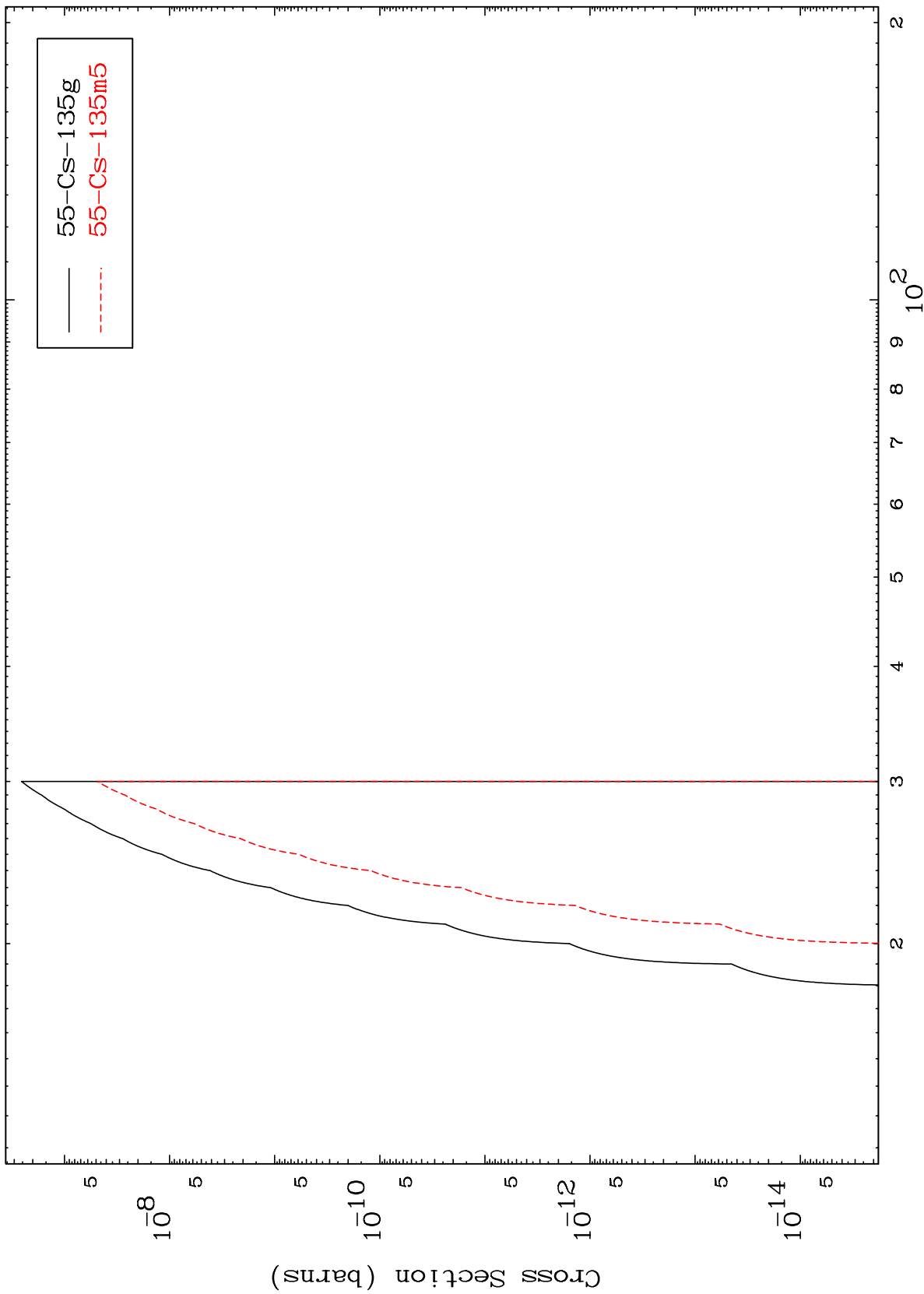
151

Incident Energy (MeV)

57-La-137



(n,p) d  
Radionuclide Production Cross Section



Radionuclide Production Cross Section

