

Program EVALPLOT  
(Version 2018-1)

by

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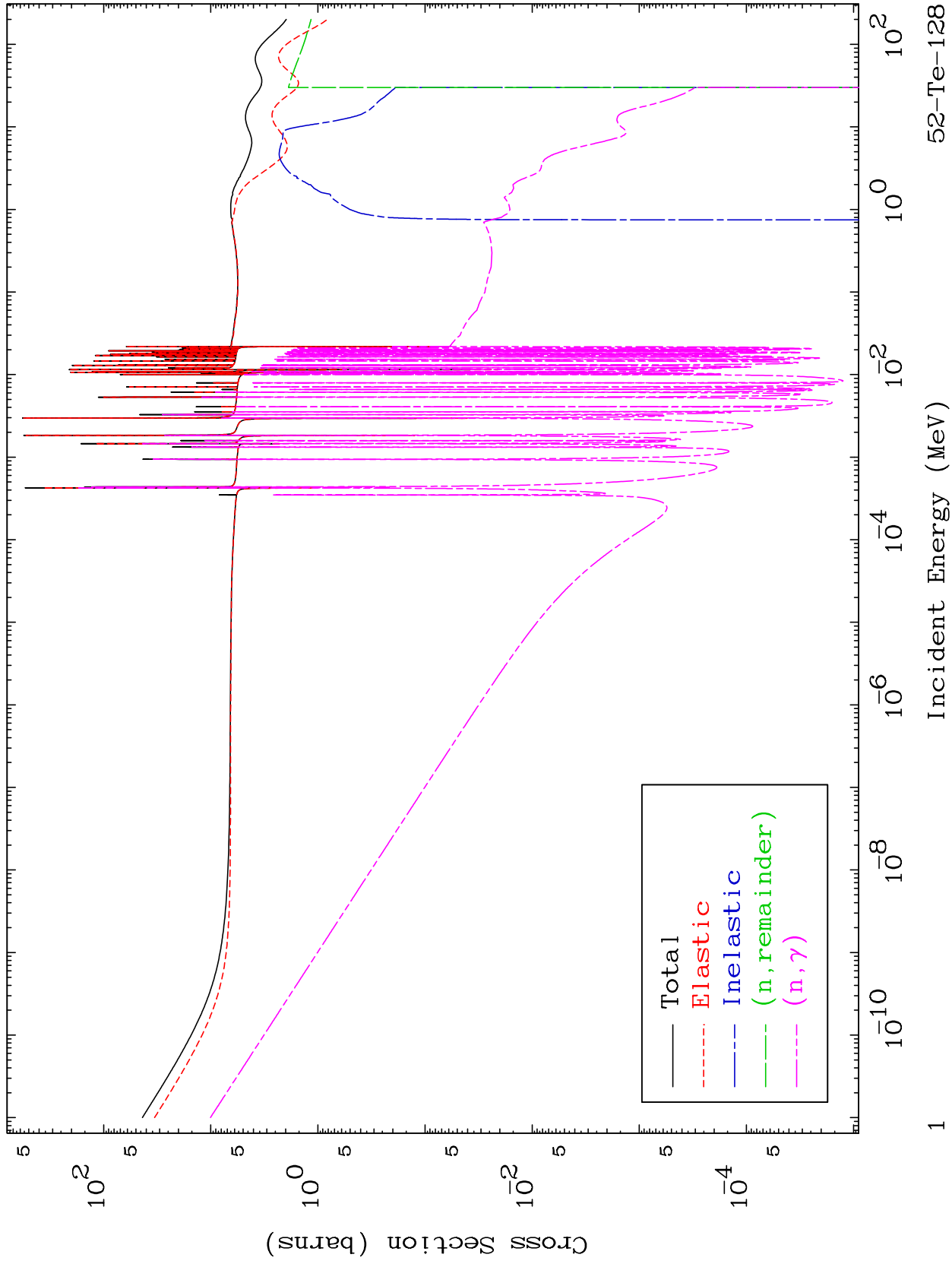
Press Mouse Button to Start

MAT 5249

Major

293 Kelvin Cross Sections

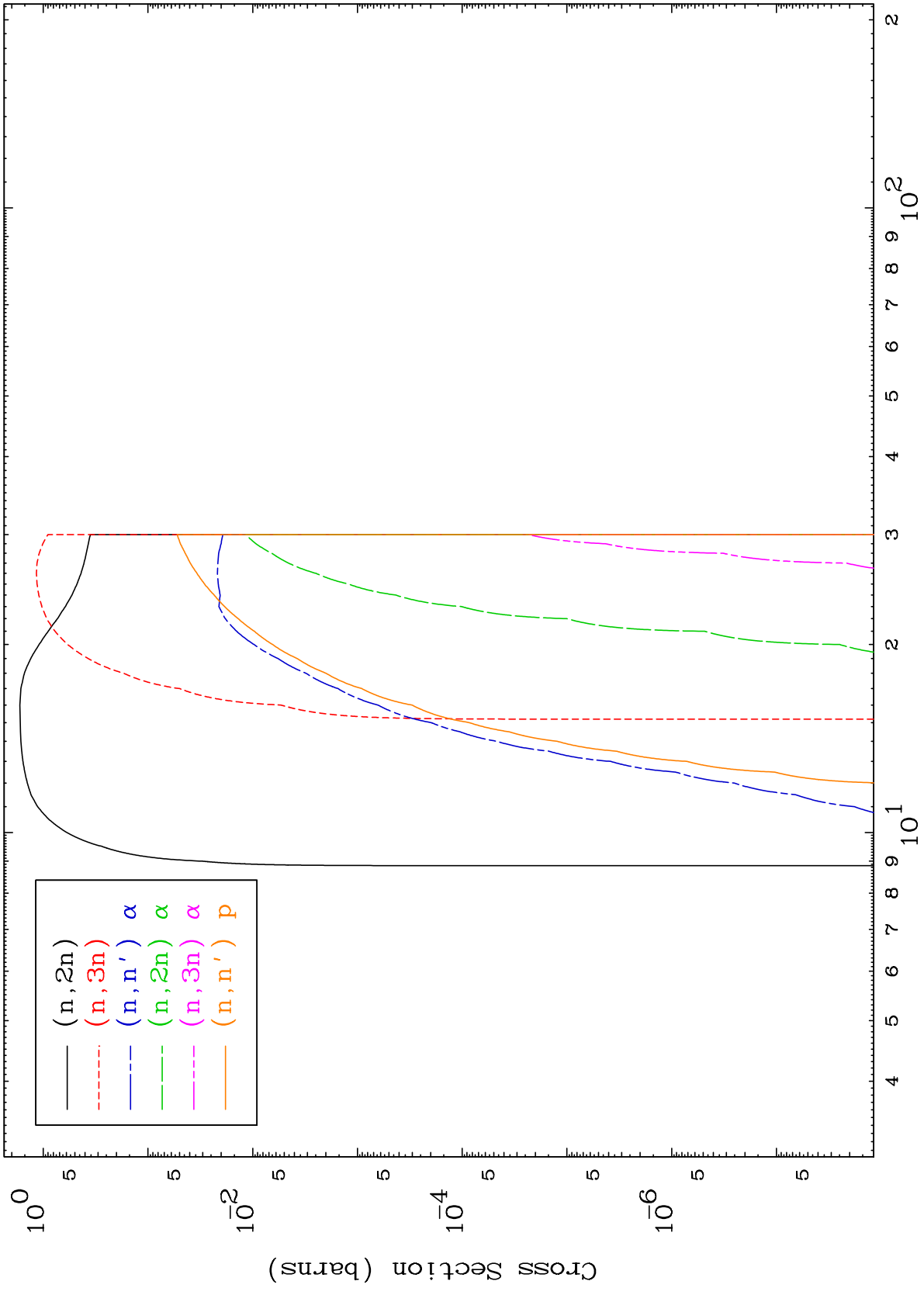
52-Te-128



MAT 5249

Neutron Production  
293 Kelvin Cross Sections

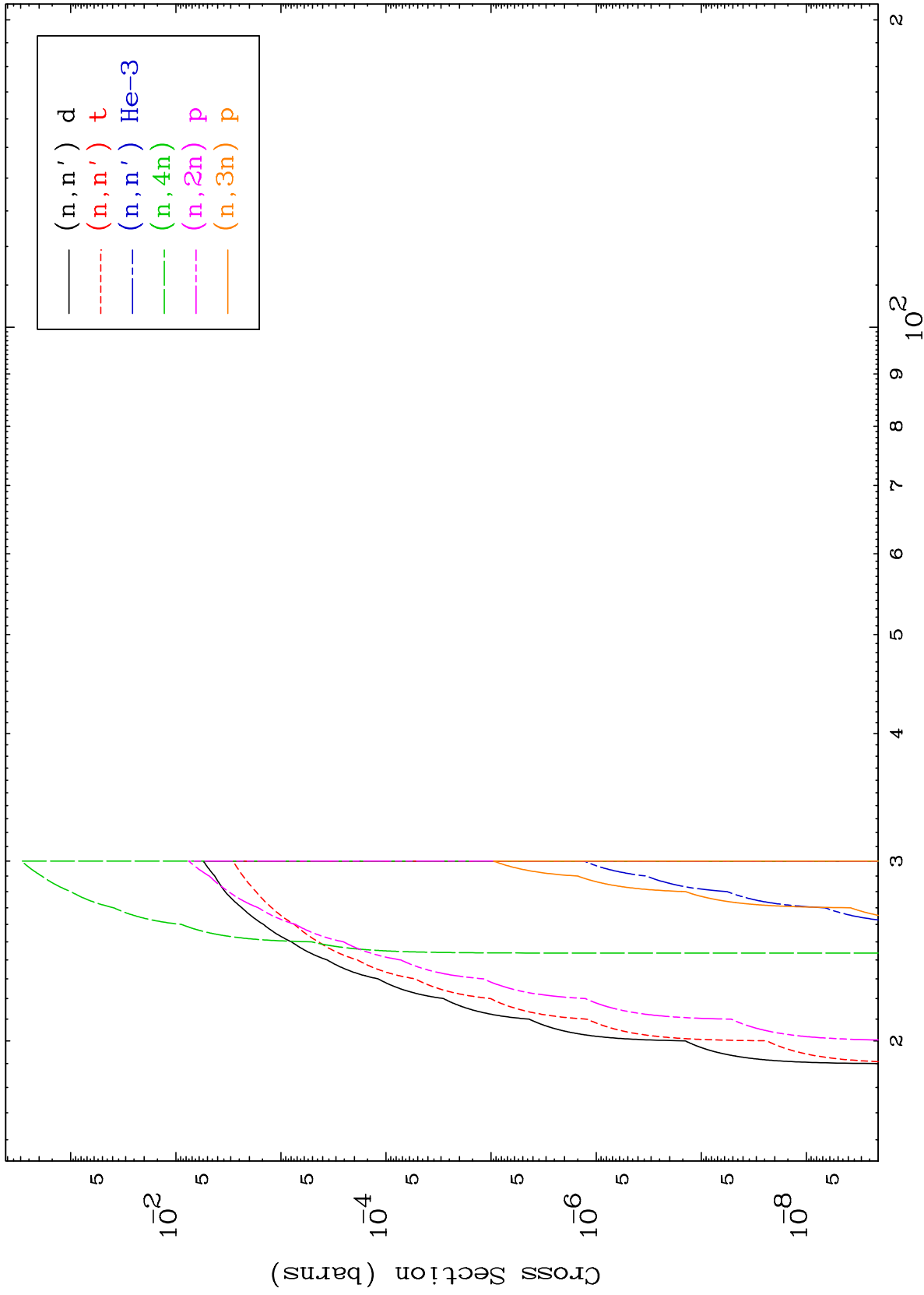
52-Te-128

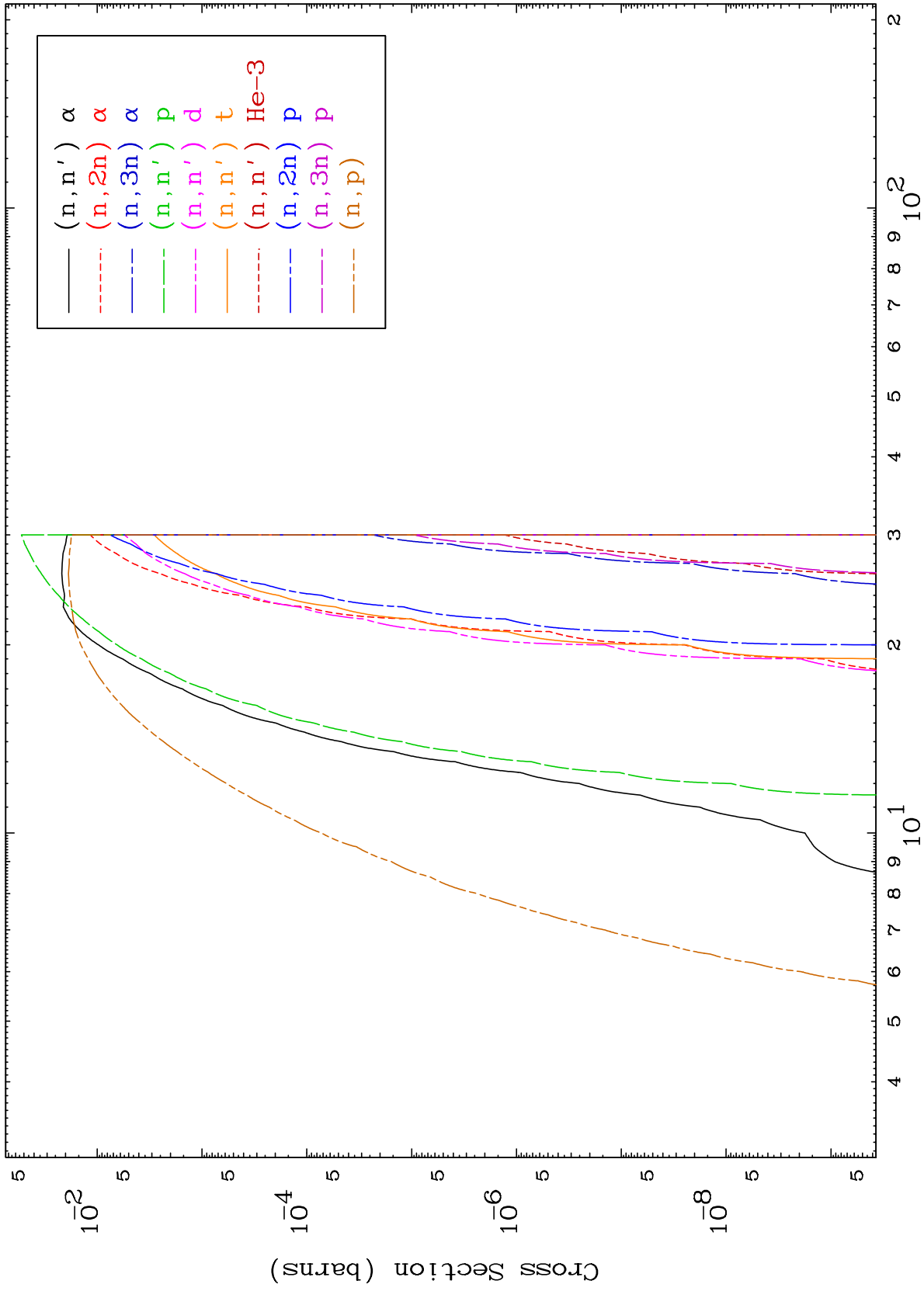


2

Incident Energy (MeV)

52-Te-128



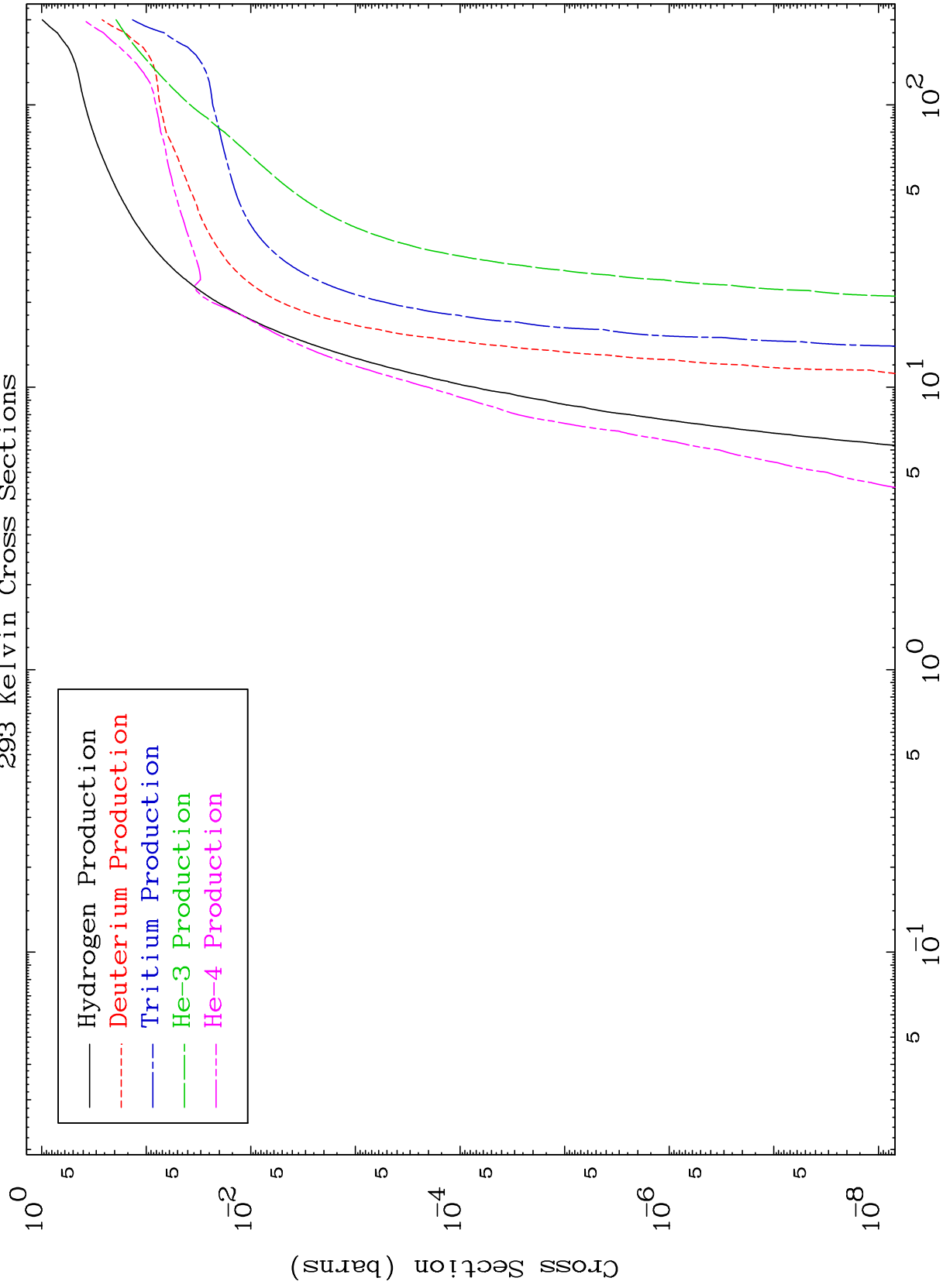




MAT 5249

Particle Production  
293 Kelvin Cross Sections

52-Te-128



6

Incident Energy (MeV)

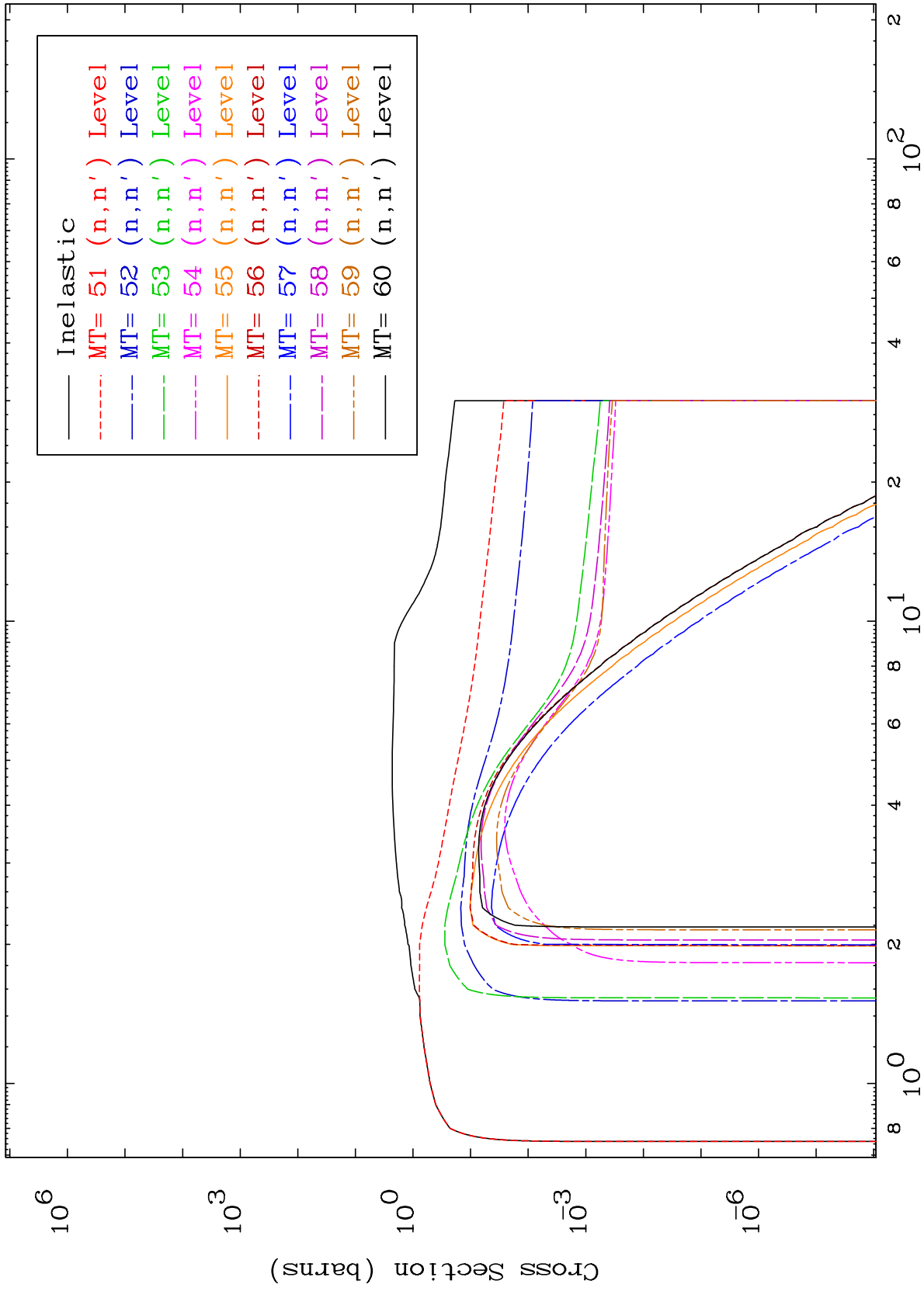
52-Te-128

MAT 5249

(n,n') Level

52-Te-128

293 Kelvin Cross Sections



7

Incident Energy (MeV)

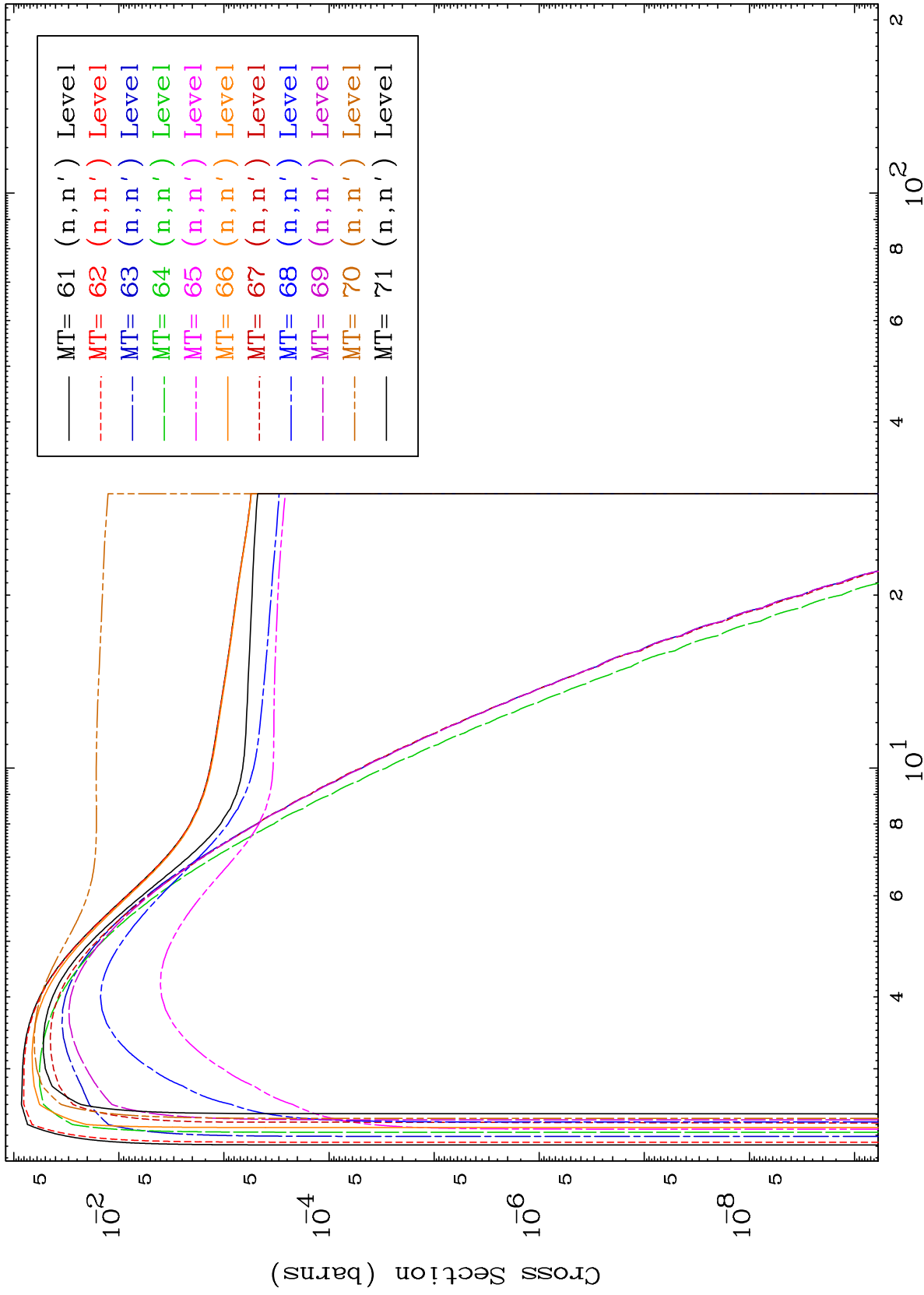
52-Te-128

MAT 5249

(n,n') Level

52-Te-128

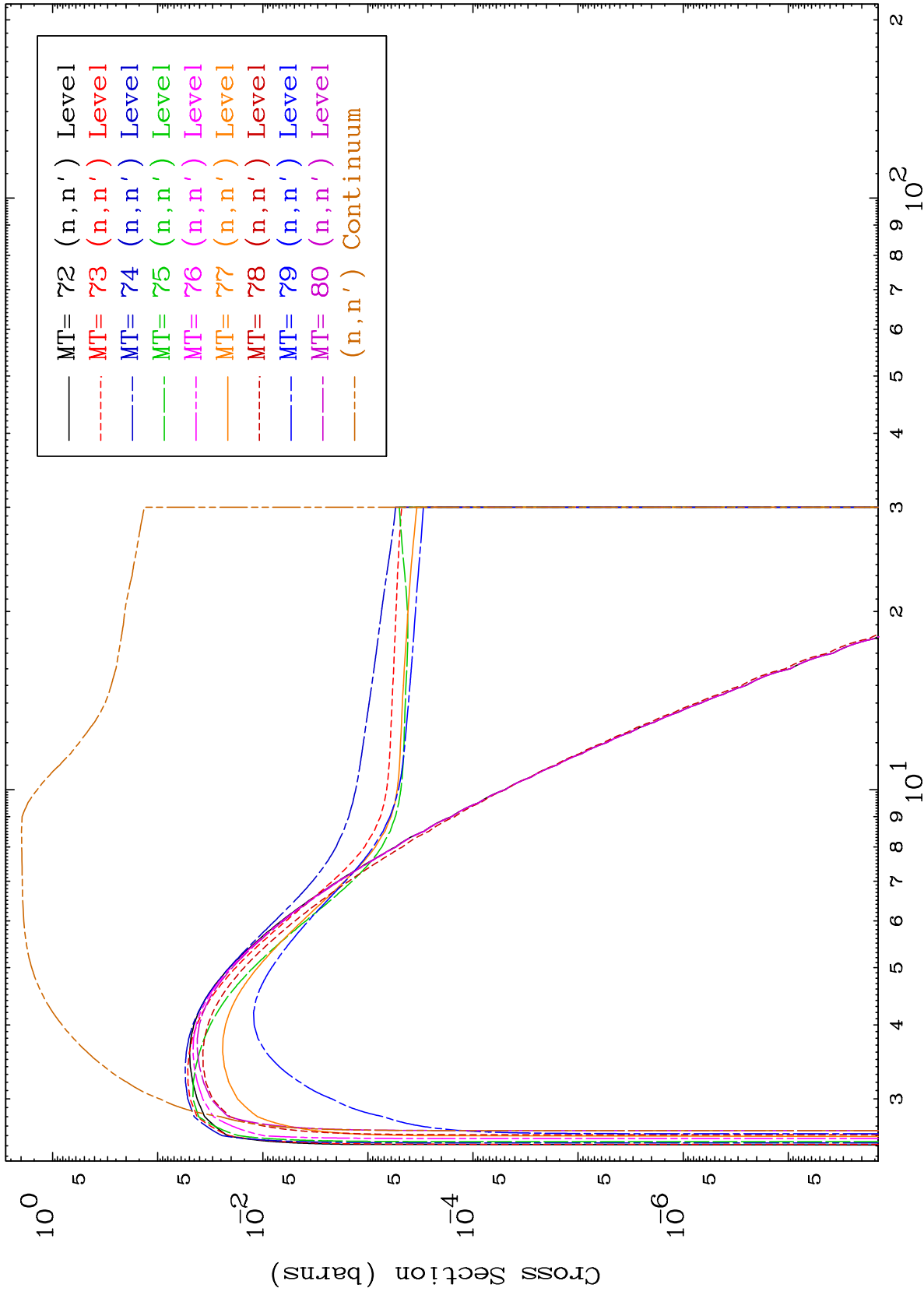
293 Kelvin Cross Sections



8

Incident Energy (MeV)

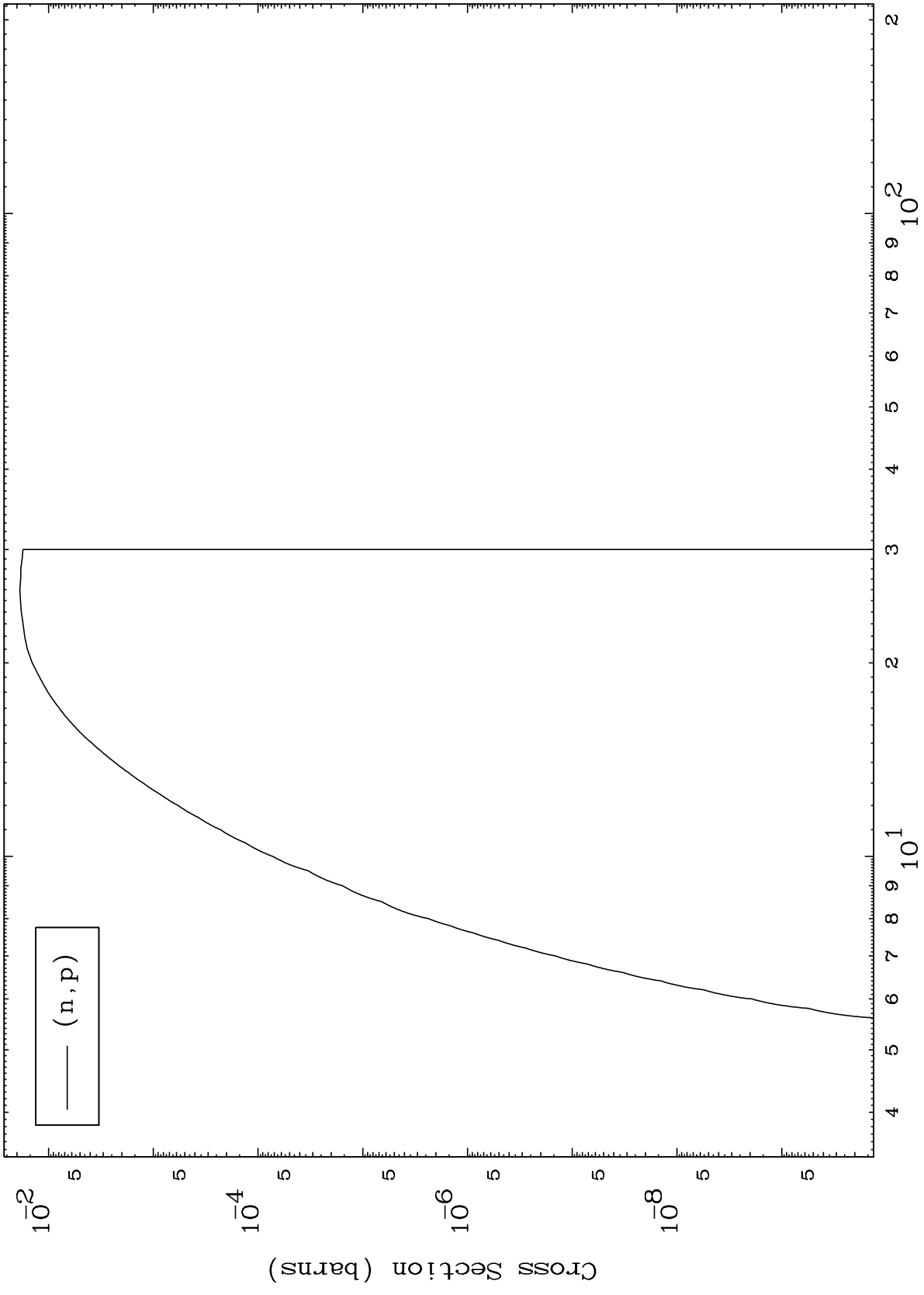
52-Te-128



MAT 5249

(n,p) Levels  
293 Kelvin Cross Sections

52-Te-128



10

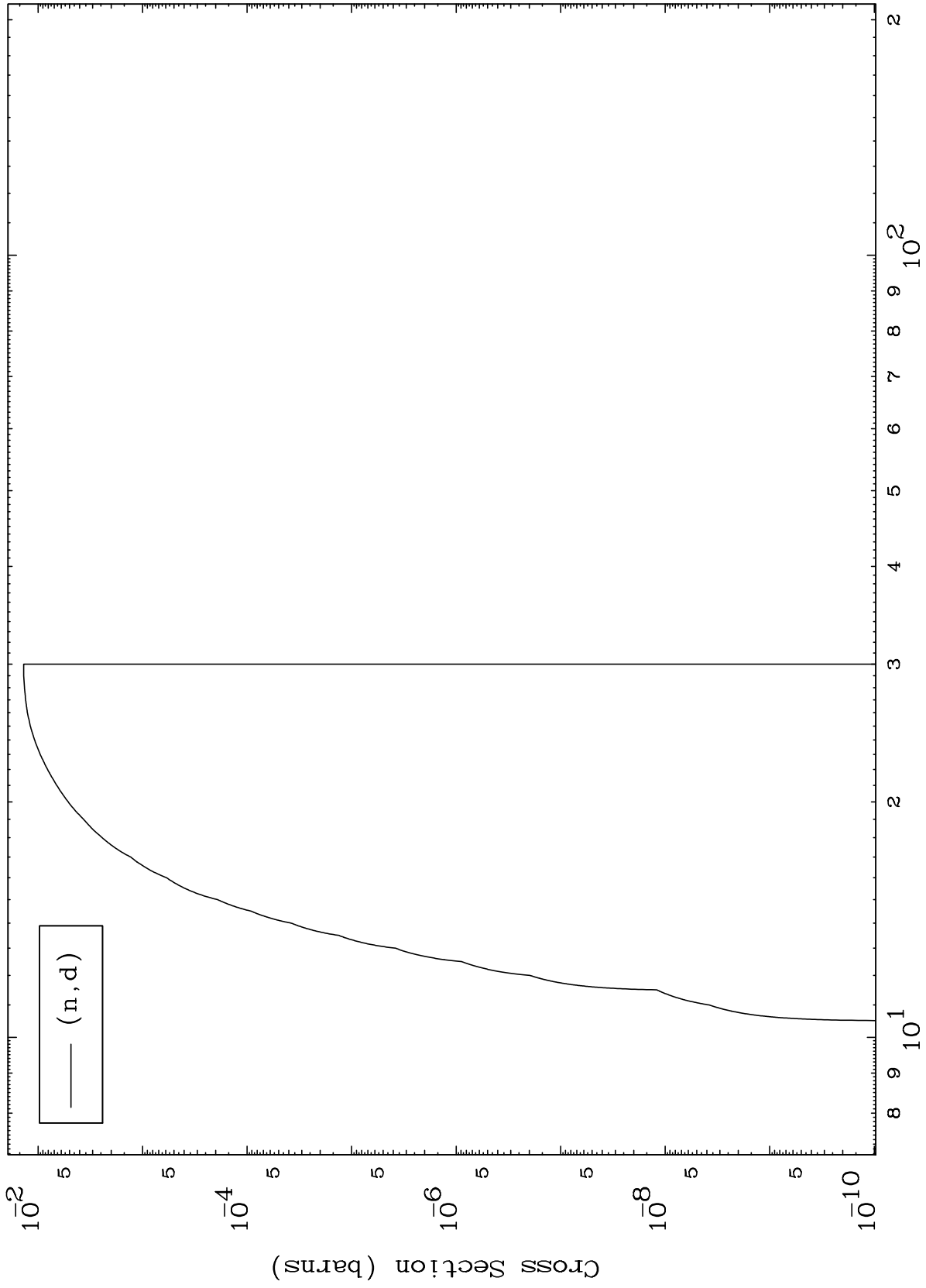
Incident Energy (MeV)

52-Te-128

MAT 5249

(n,d) Levels  
293 Kelvin Cross Sections

52-Te-128



11

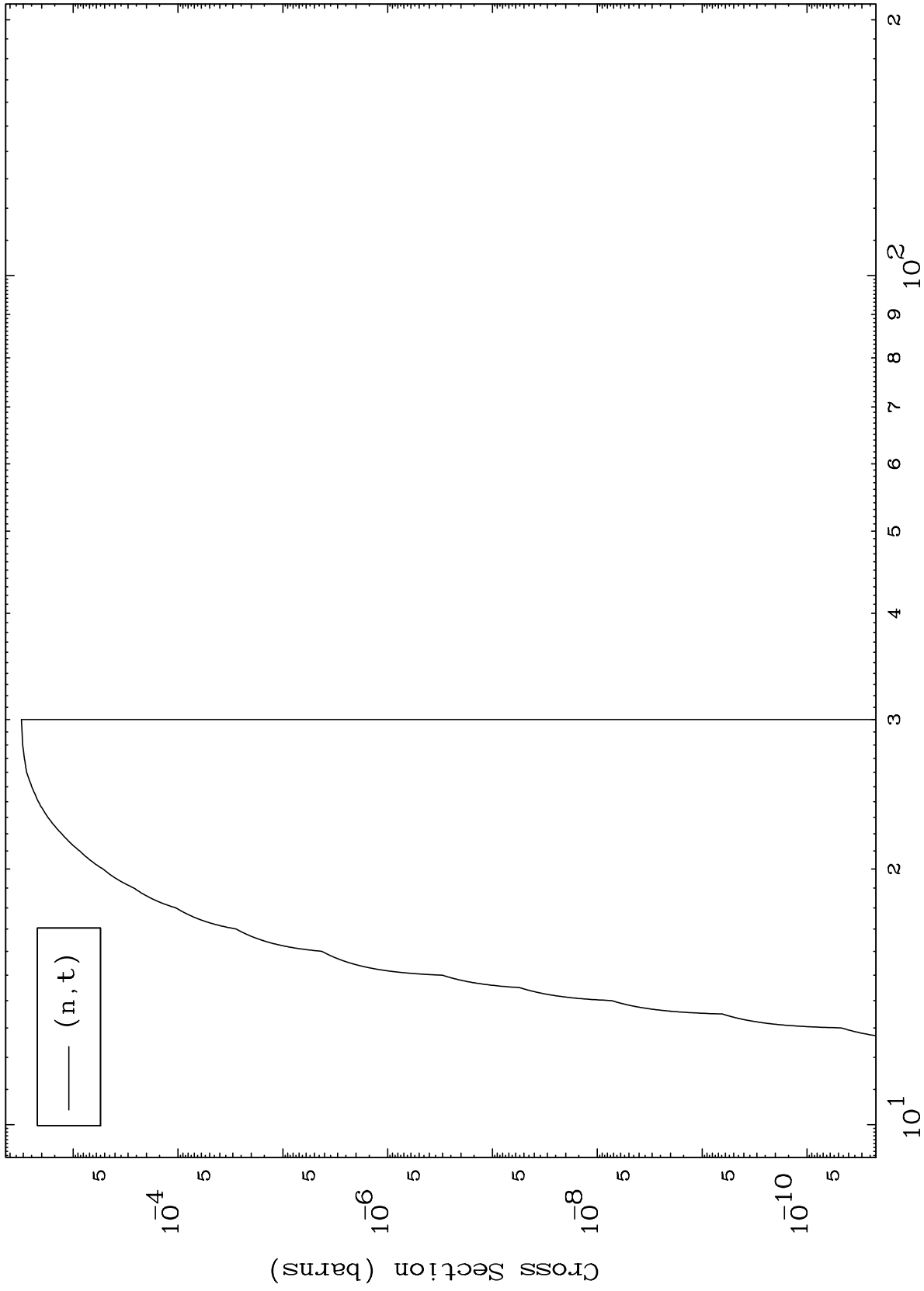
Incident Energy (MeV)

52-Te-128

MAT 5249

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-128



12

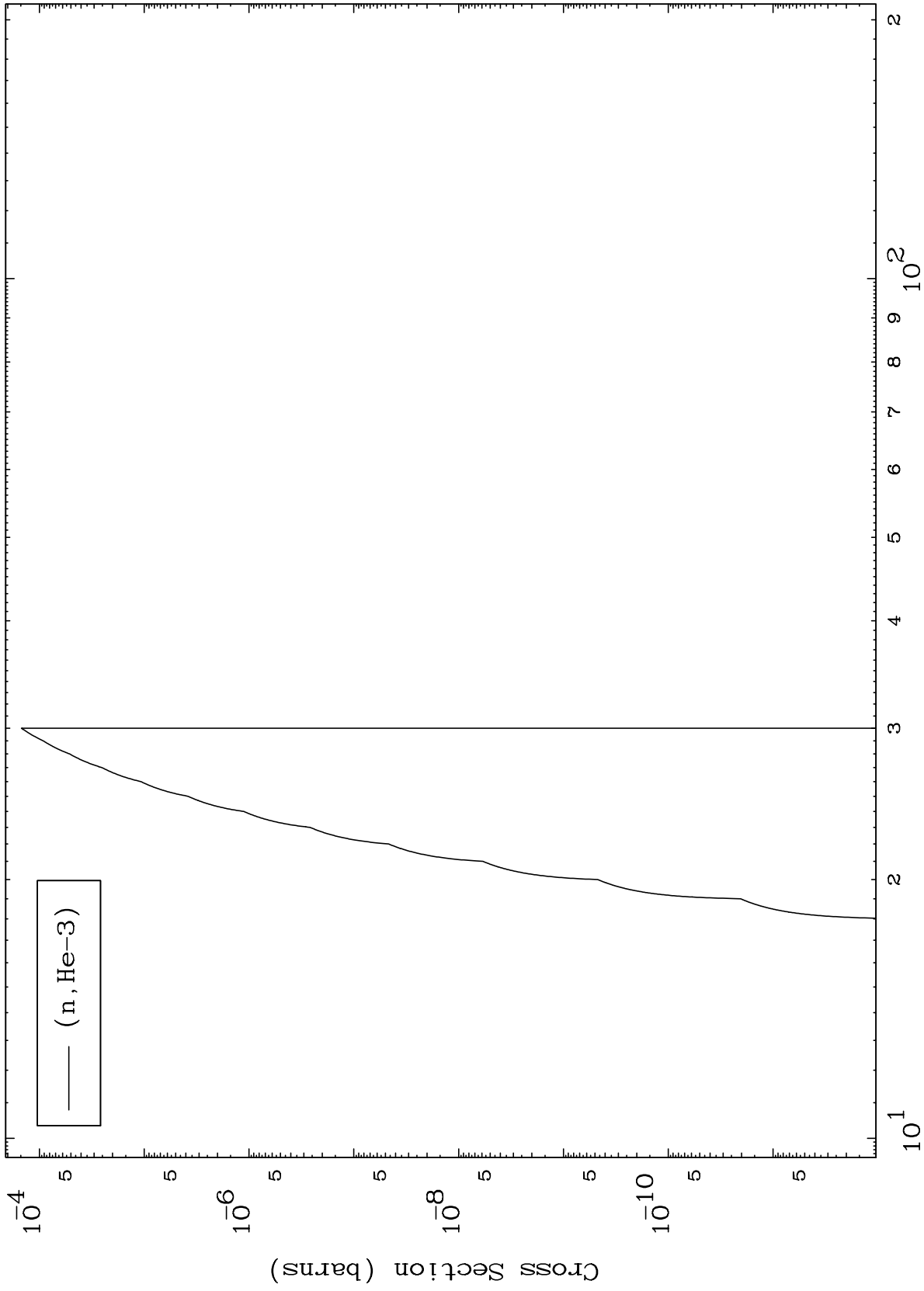
Incident Energy (MeV)

52-Te-128

MAT 5249

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-128



13

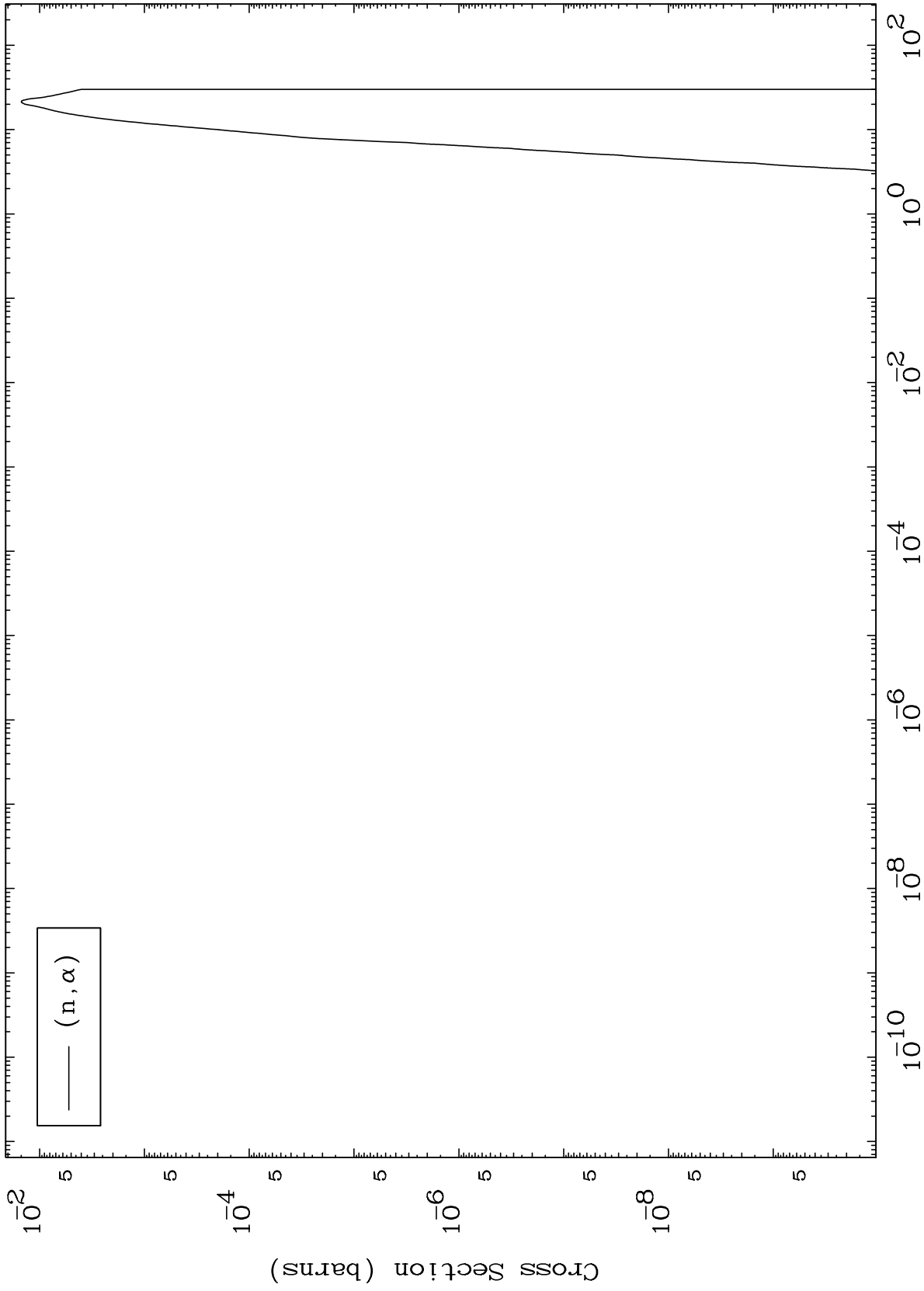
Incident Energy (MeV)

52-Te-128

MAT 5249

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

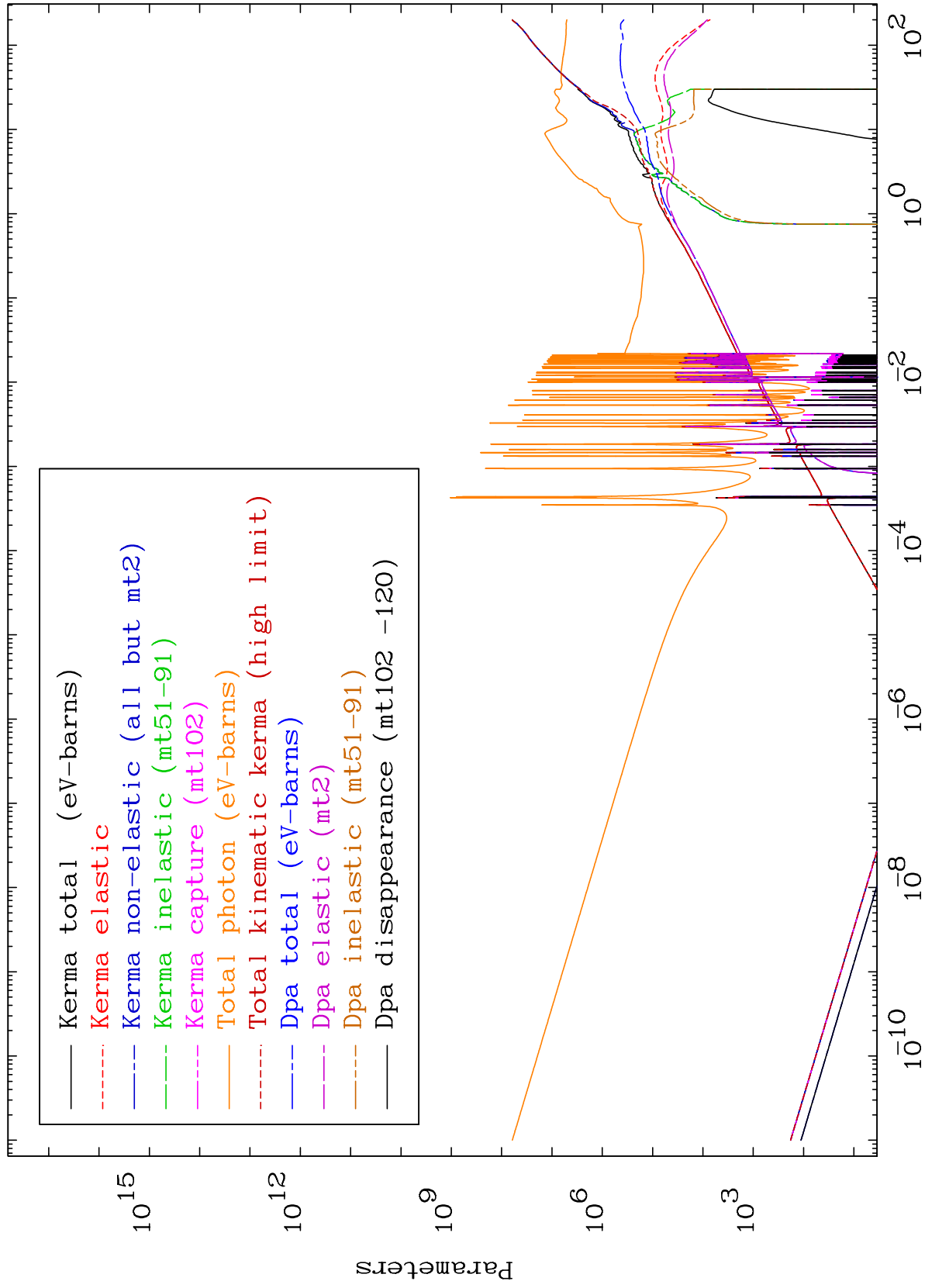
52-Te-128



14

Incident Energy (MeV)

52-Te-128



MAT 5249

Elastic Legendre Coefficients

52-Te-128



16

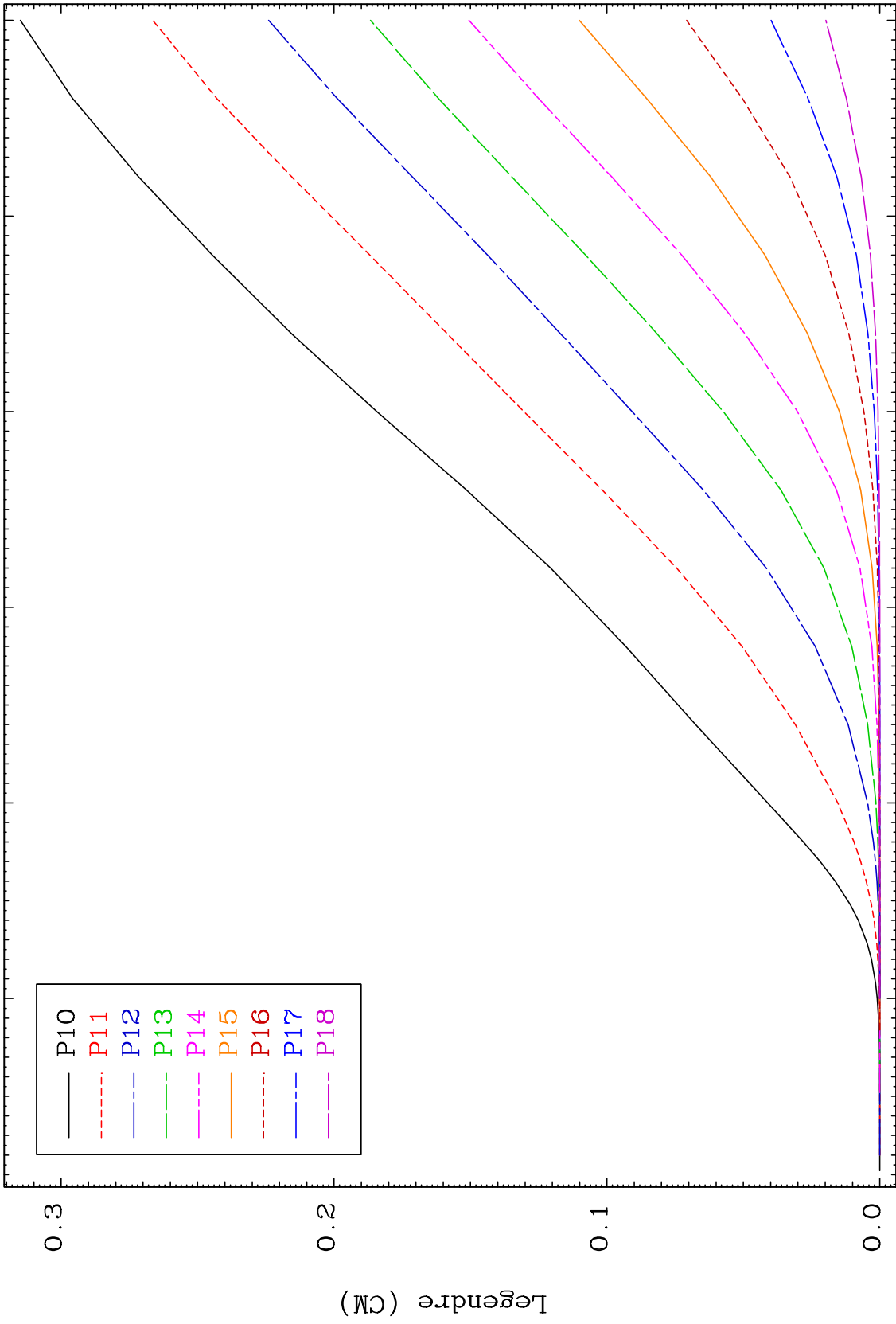
Incident Energy (MeV)

52-Te-128

MAT 5249

Elastic Legendre Coefficients

52-Te-128



17

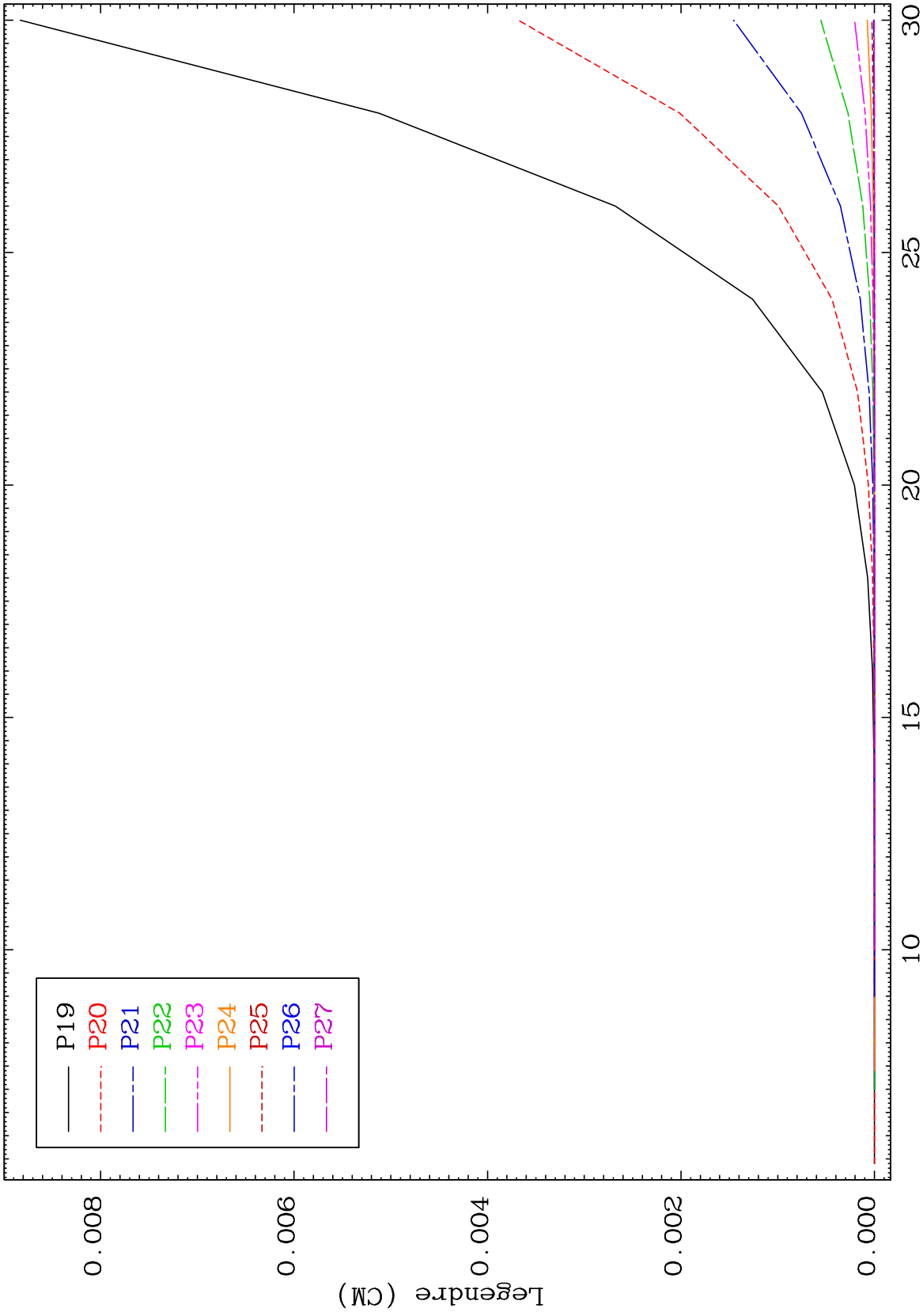
Incident Energy (MeV)

52-Te-128

MAT 5249

### Elastic Legendre Coefficients

52-Te-128



18

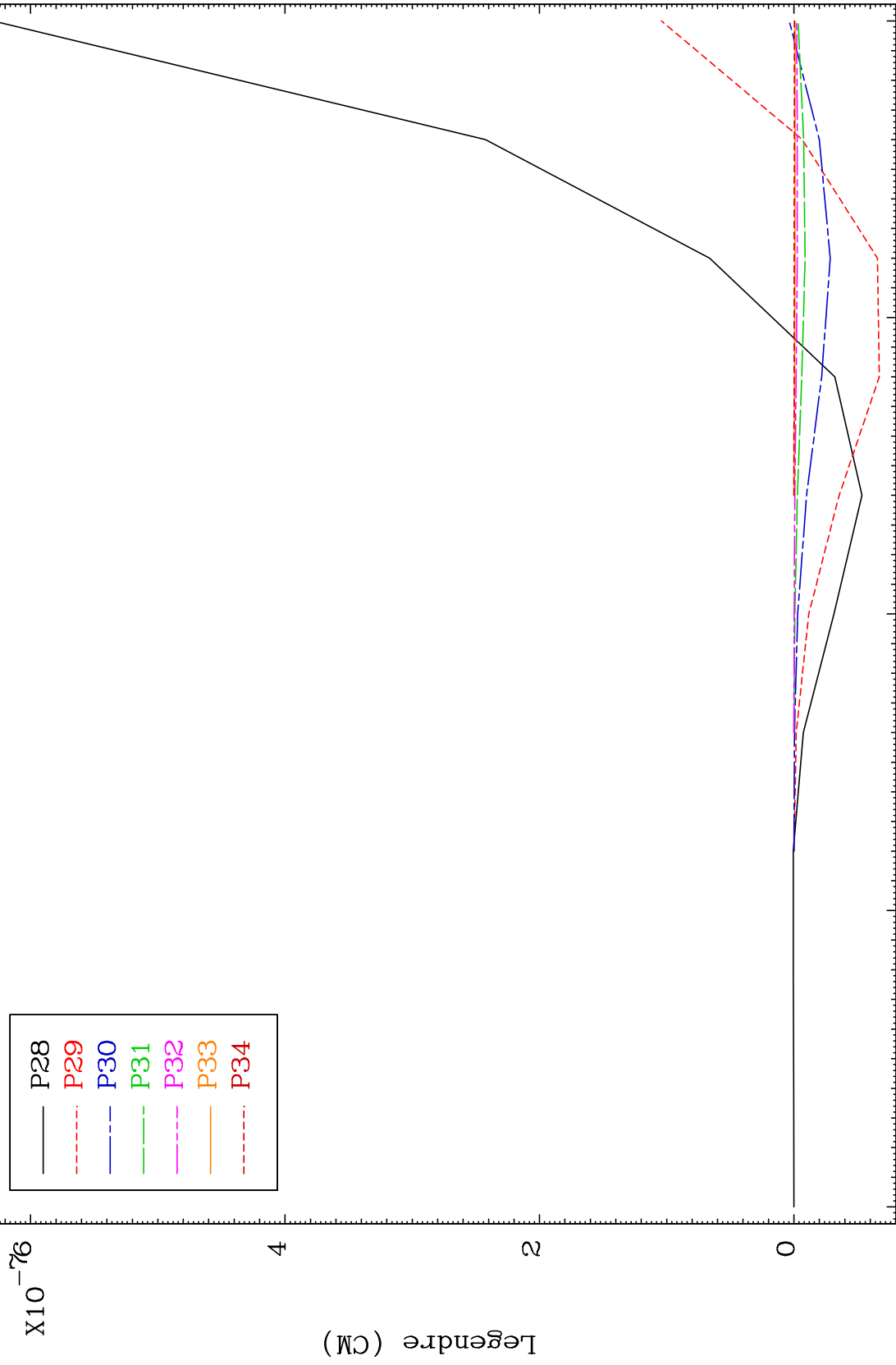
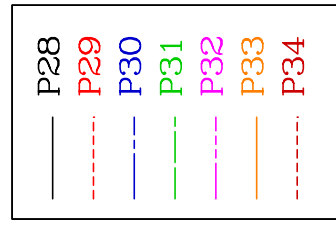
Incident Energy (MeV)

52-Te-128

MAT 5249

Elastic Legendre Coefficients

52-Te-128



19

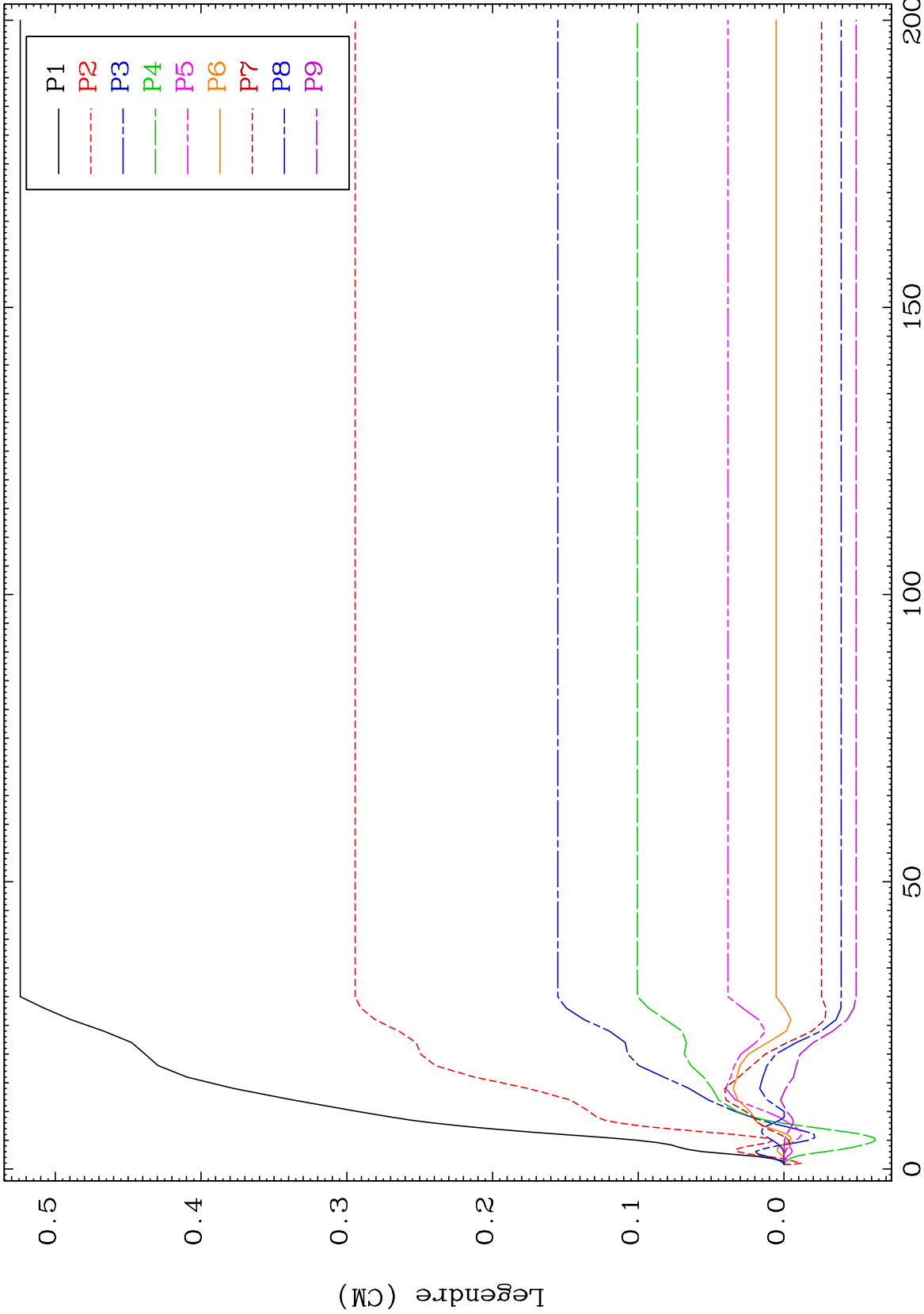
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



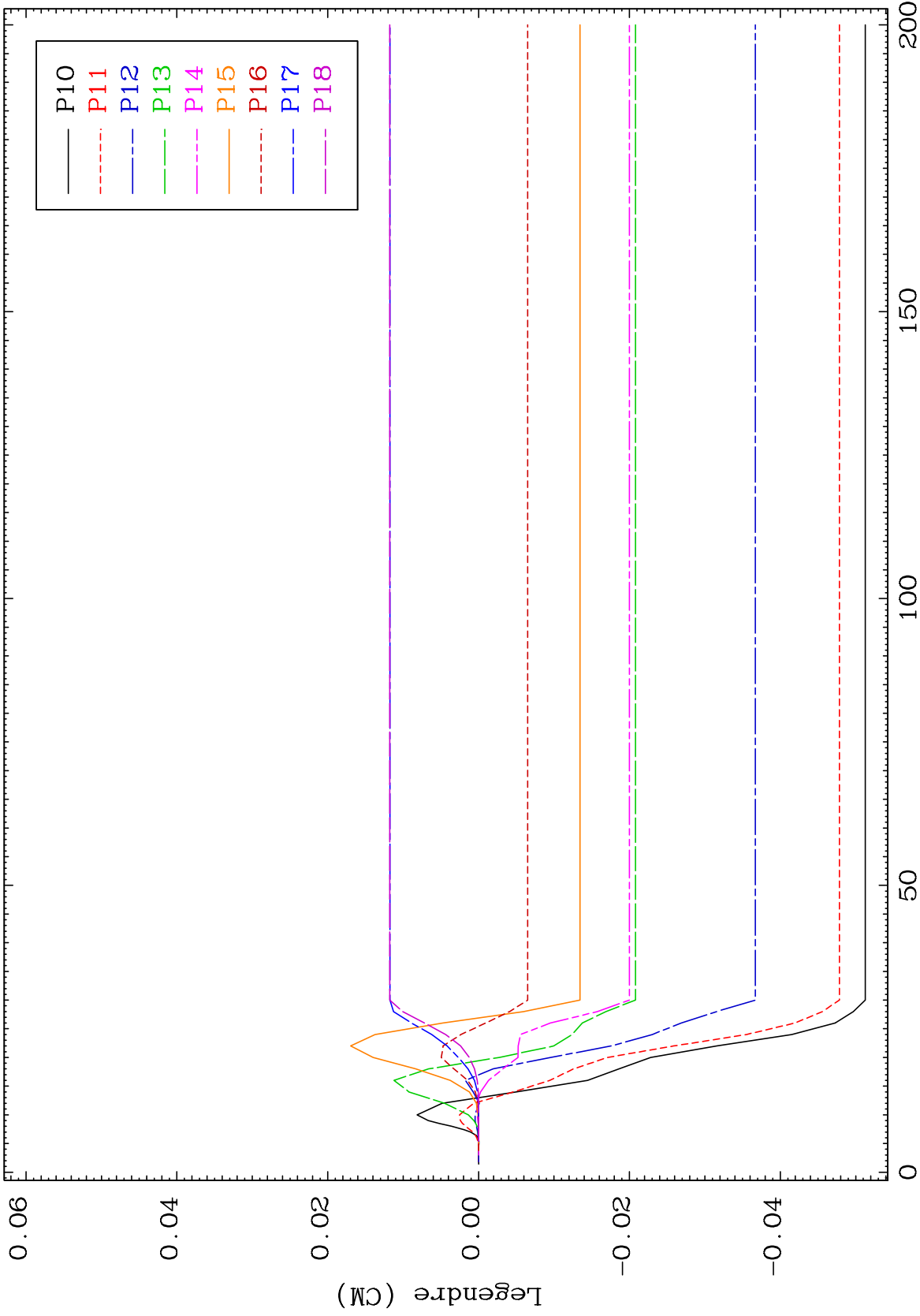
52-Te-128

Incident Energy (MeV)

MAT 5249

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

52-Te-128



21

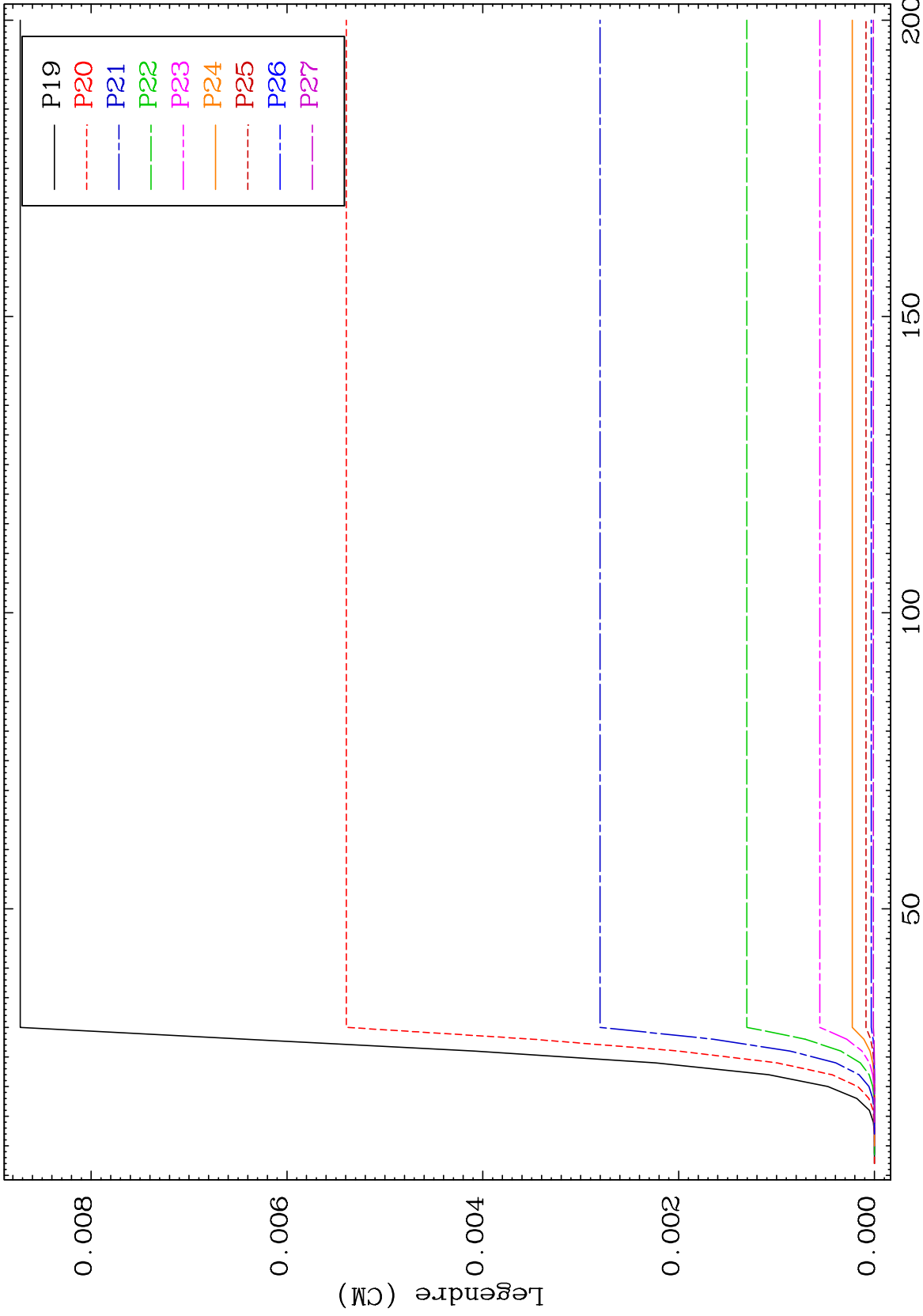
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



22

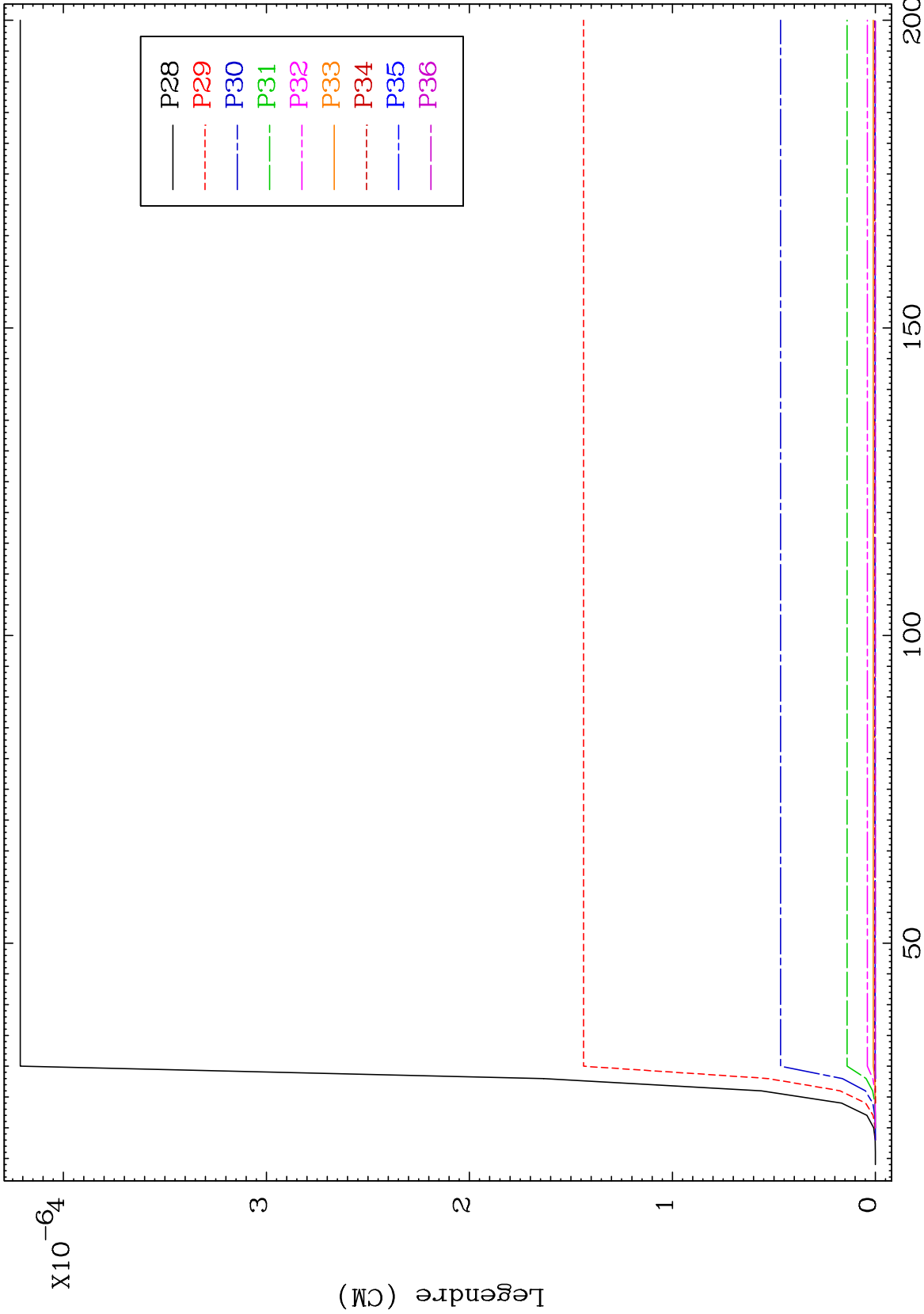
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



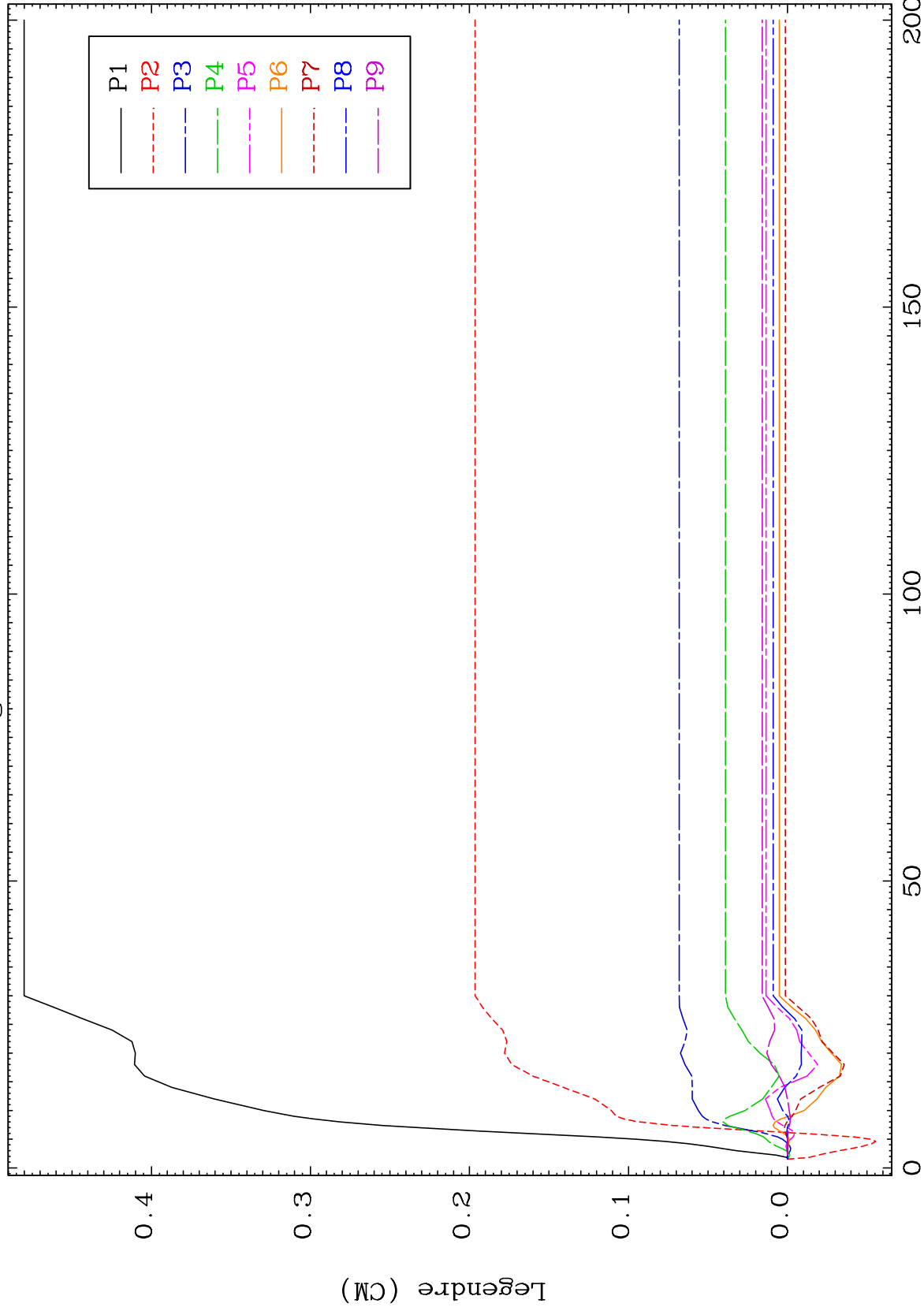
23

52-Te-128

MAT 5249

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

52-Te-128



24

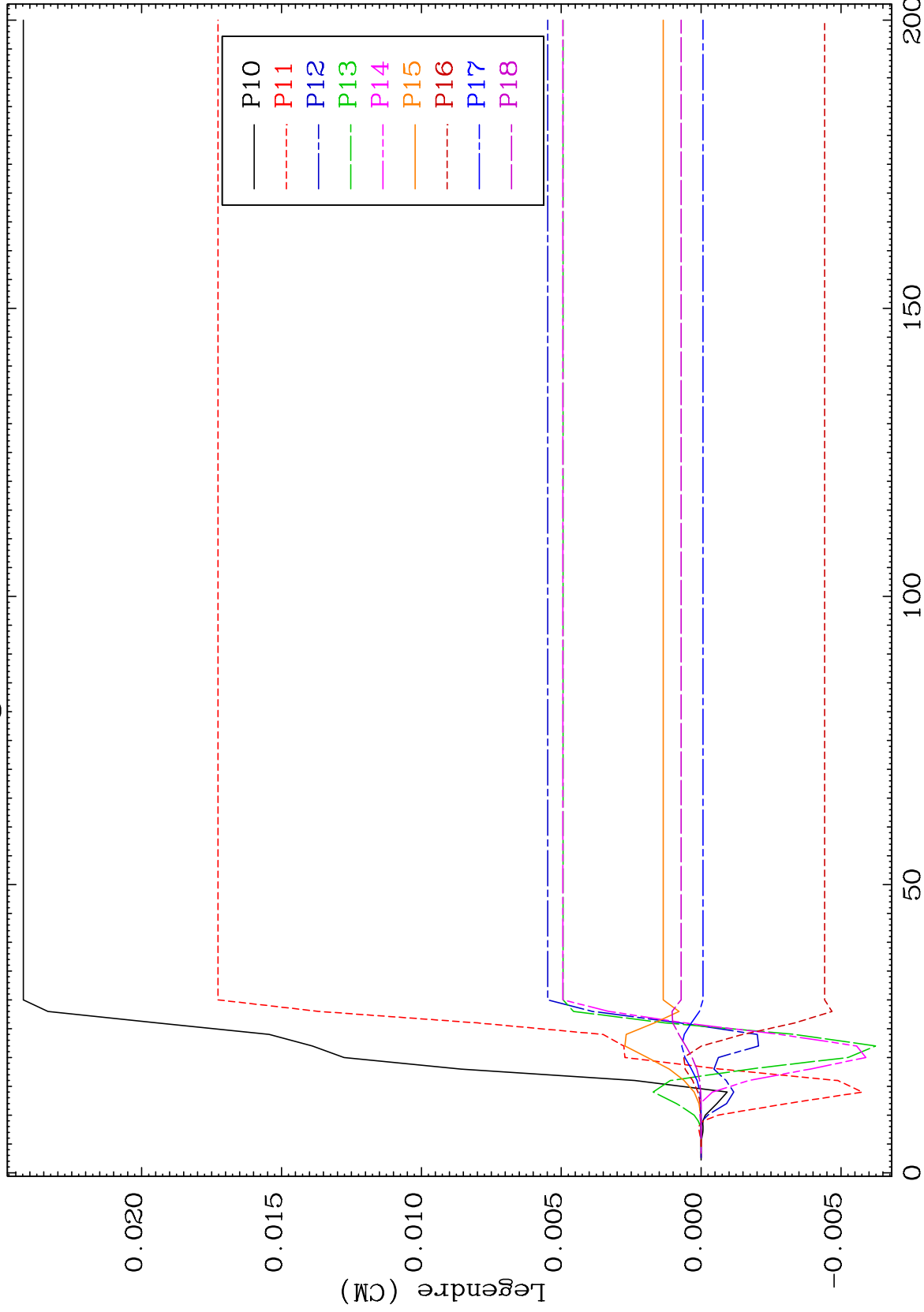
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



25

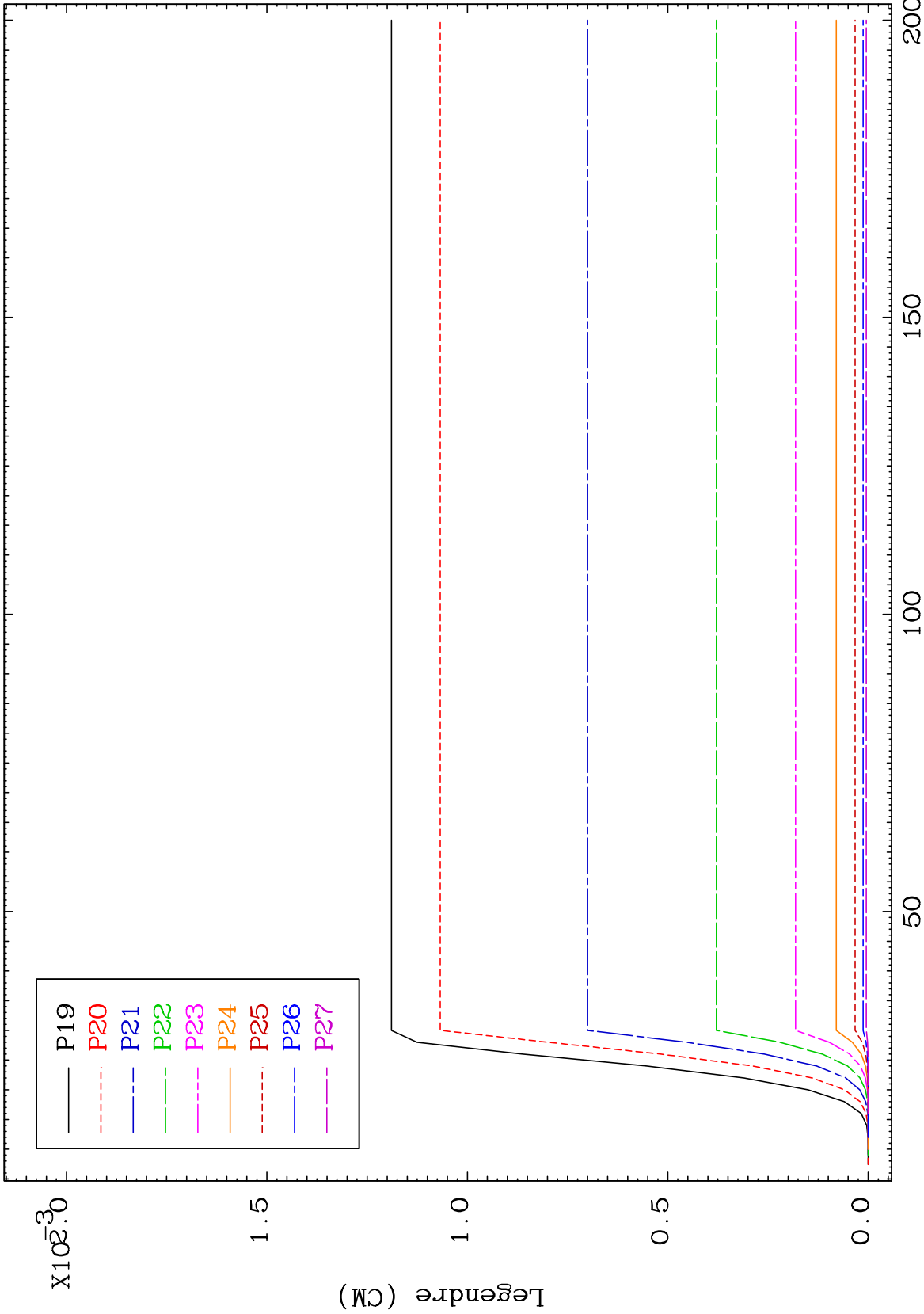
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



26

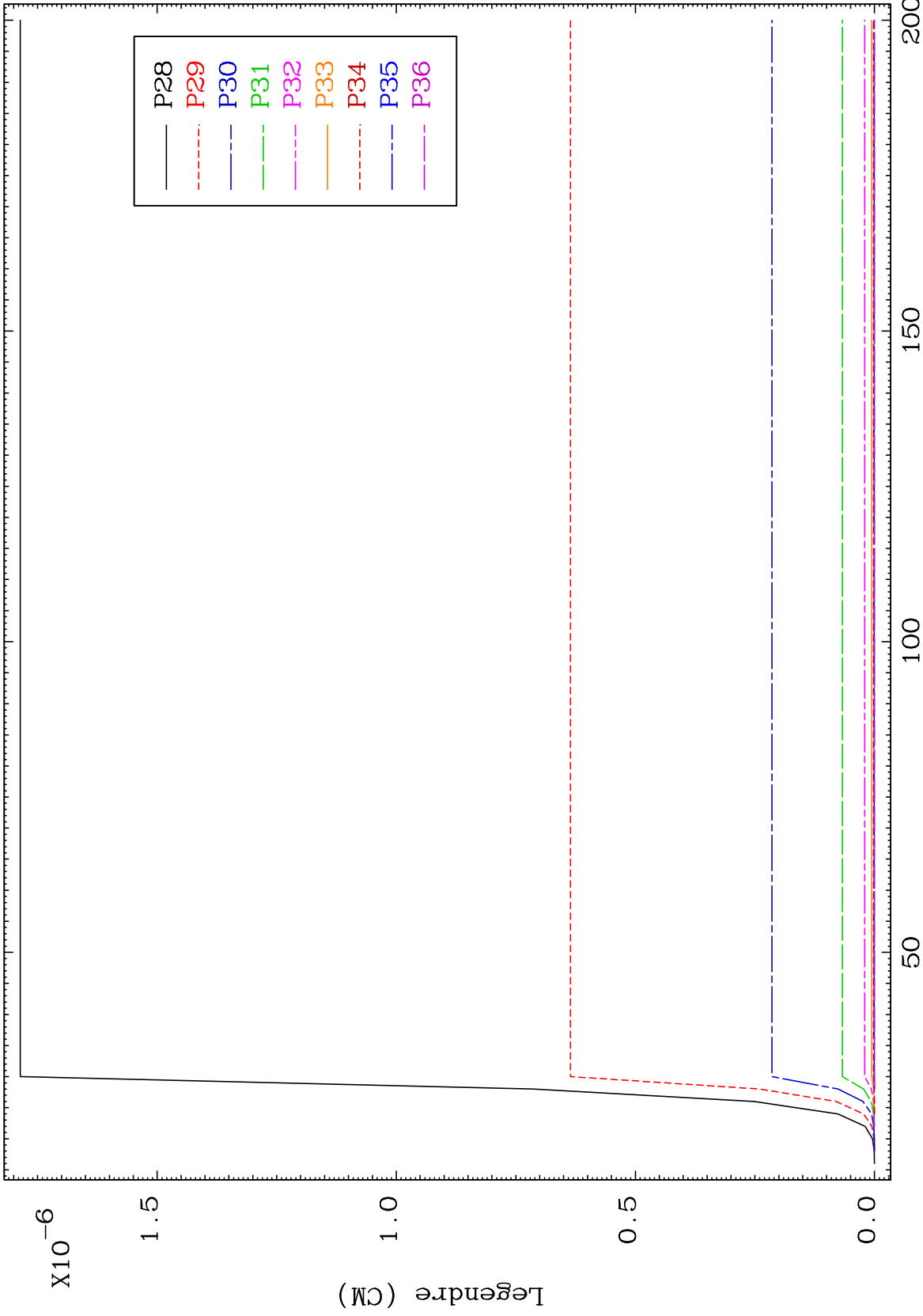
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



27

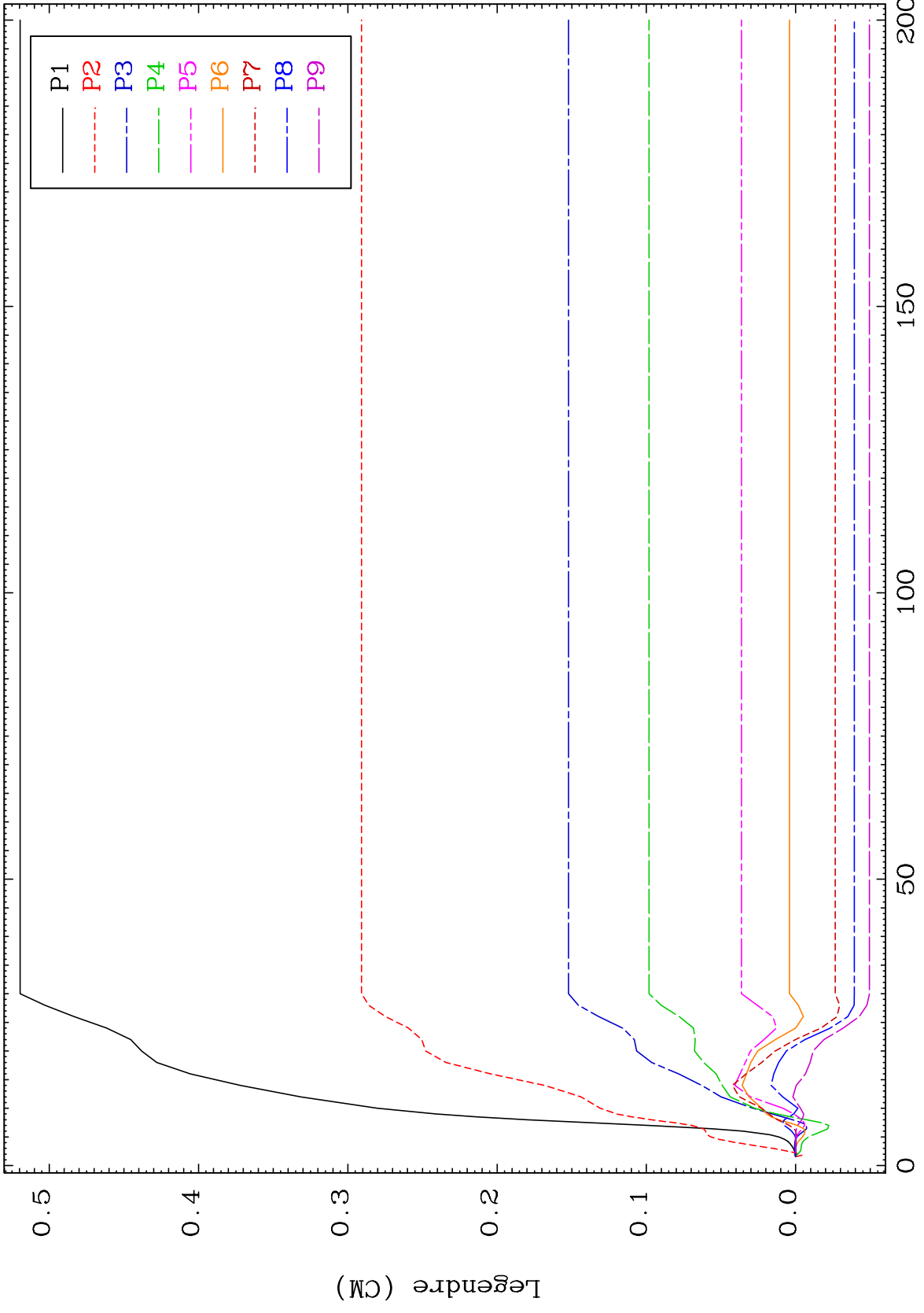
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



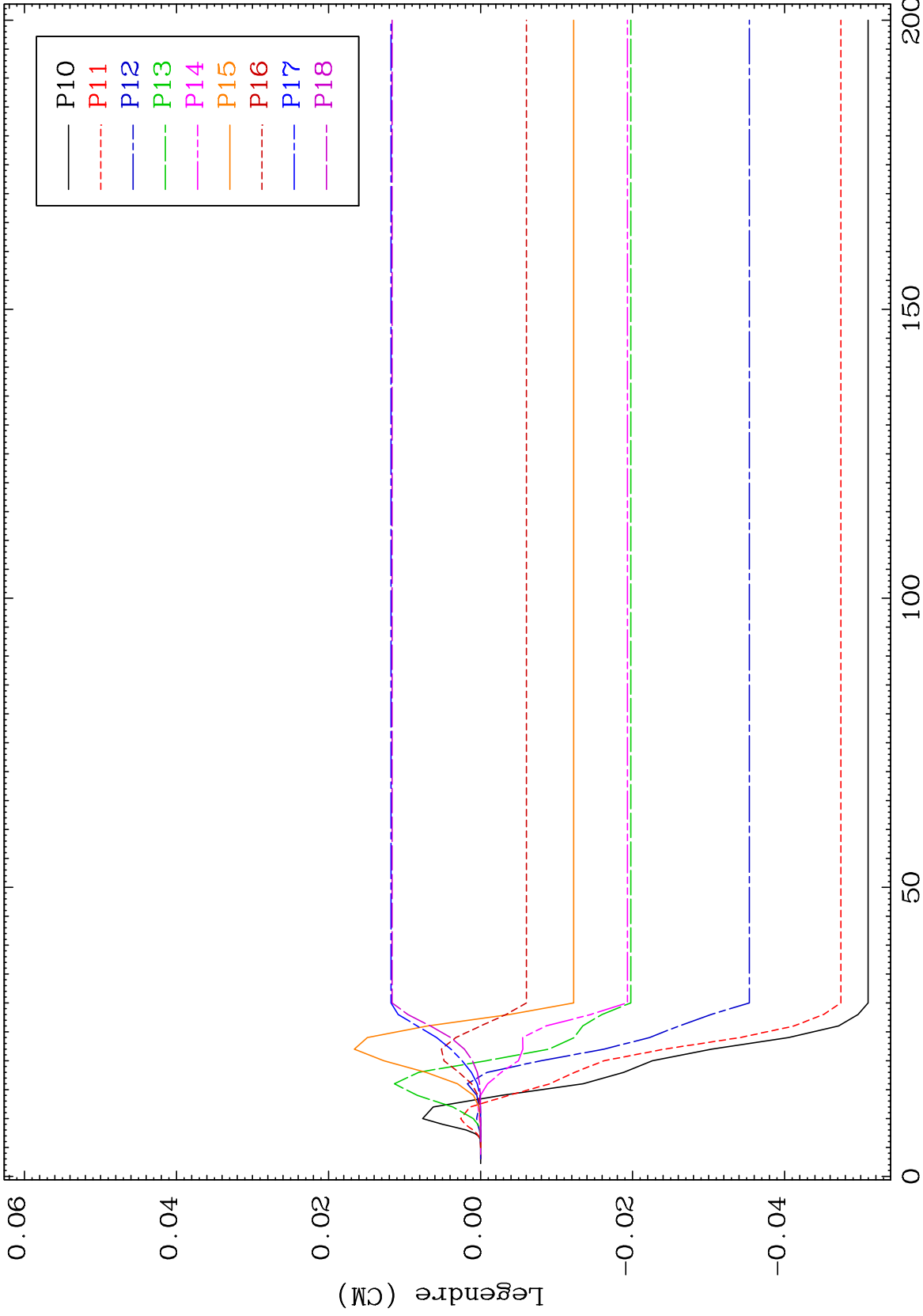
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52-Te-128

MAT 5249

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

52-Te-128



29

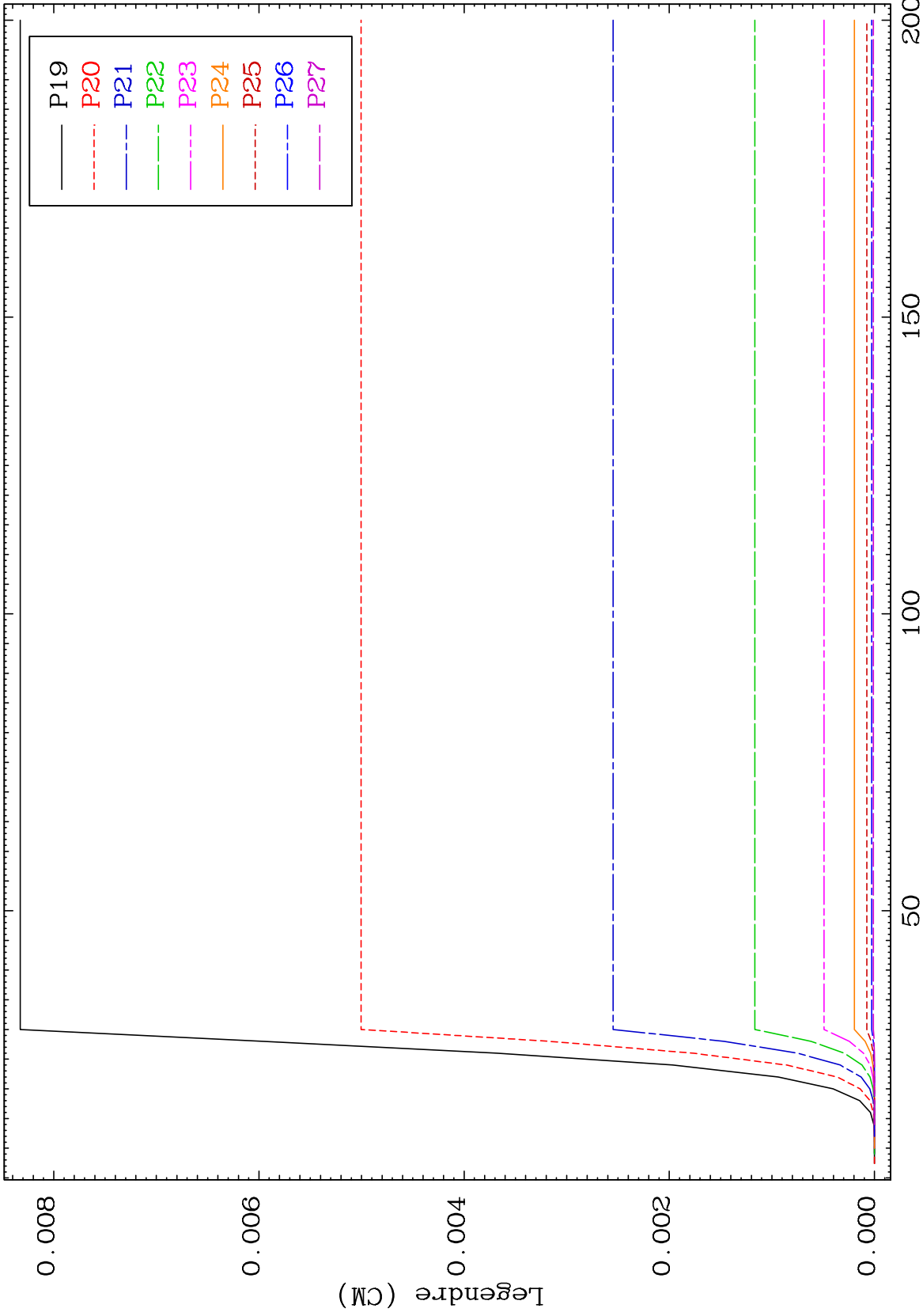
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



30

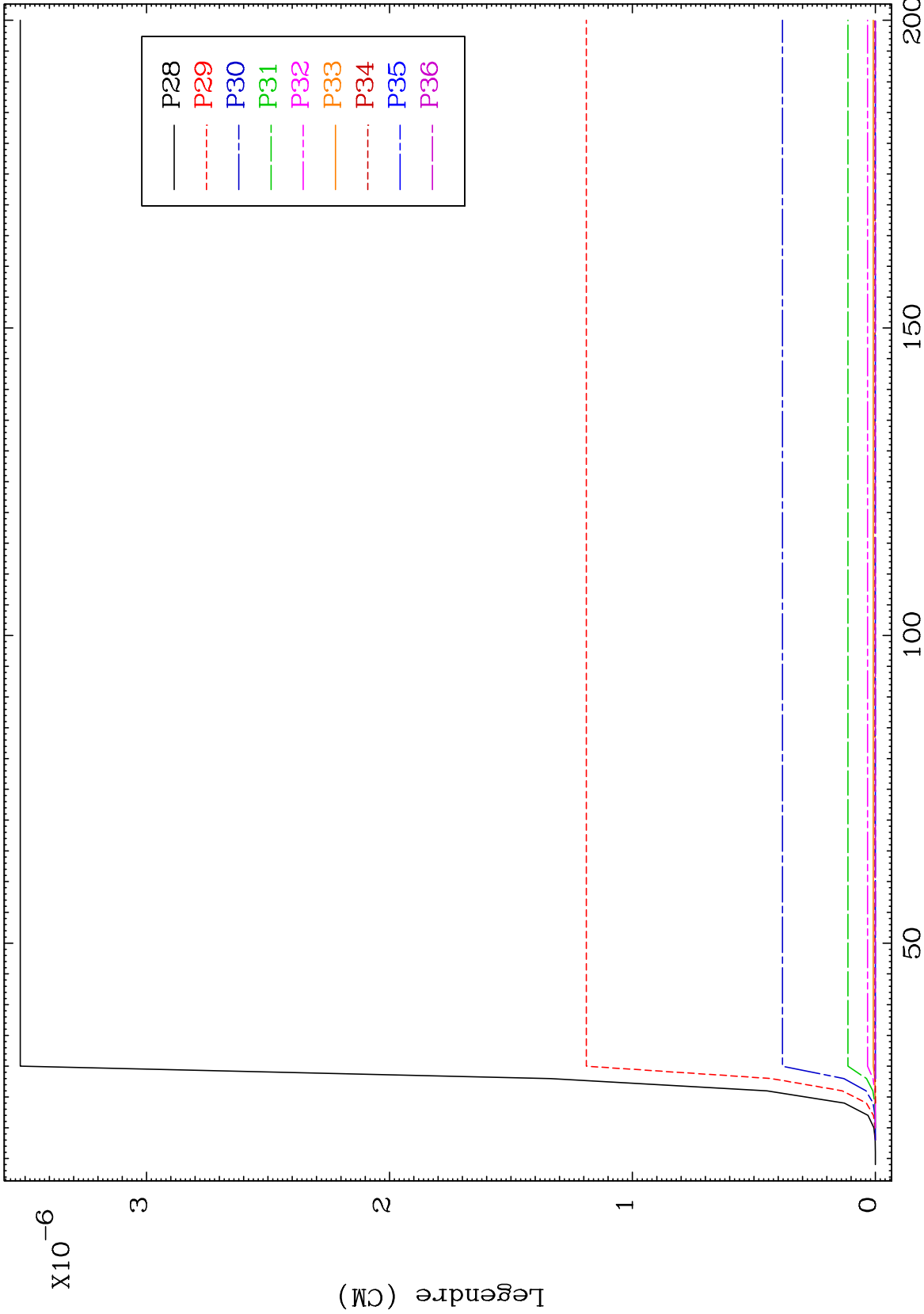
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



31

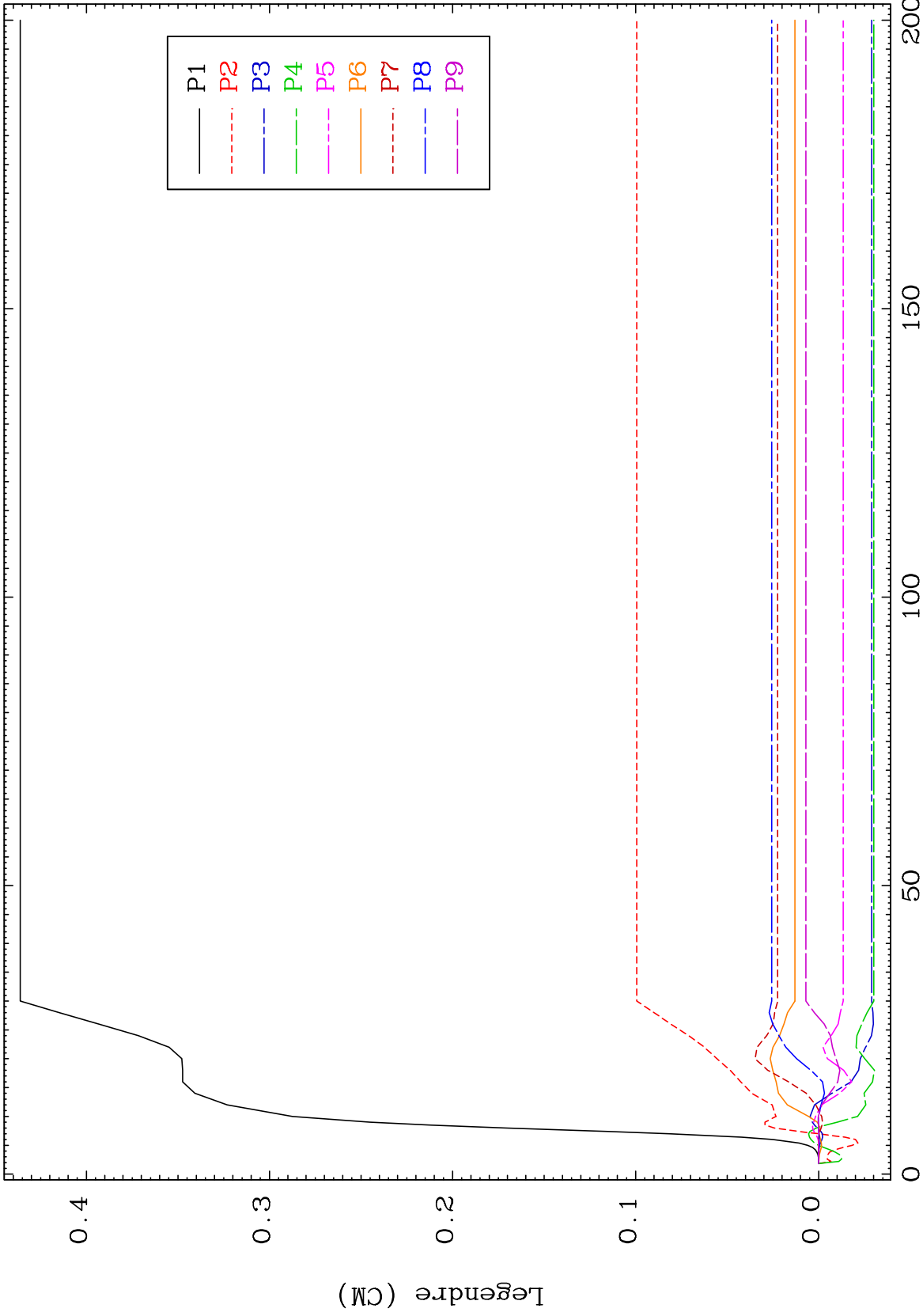
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



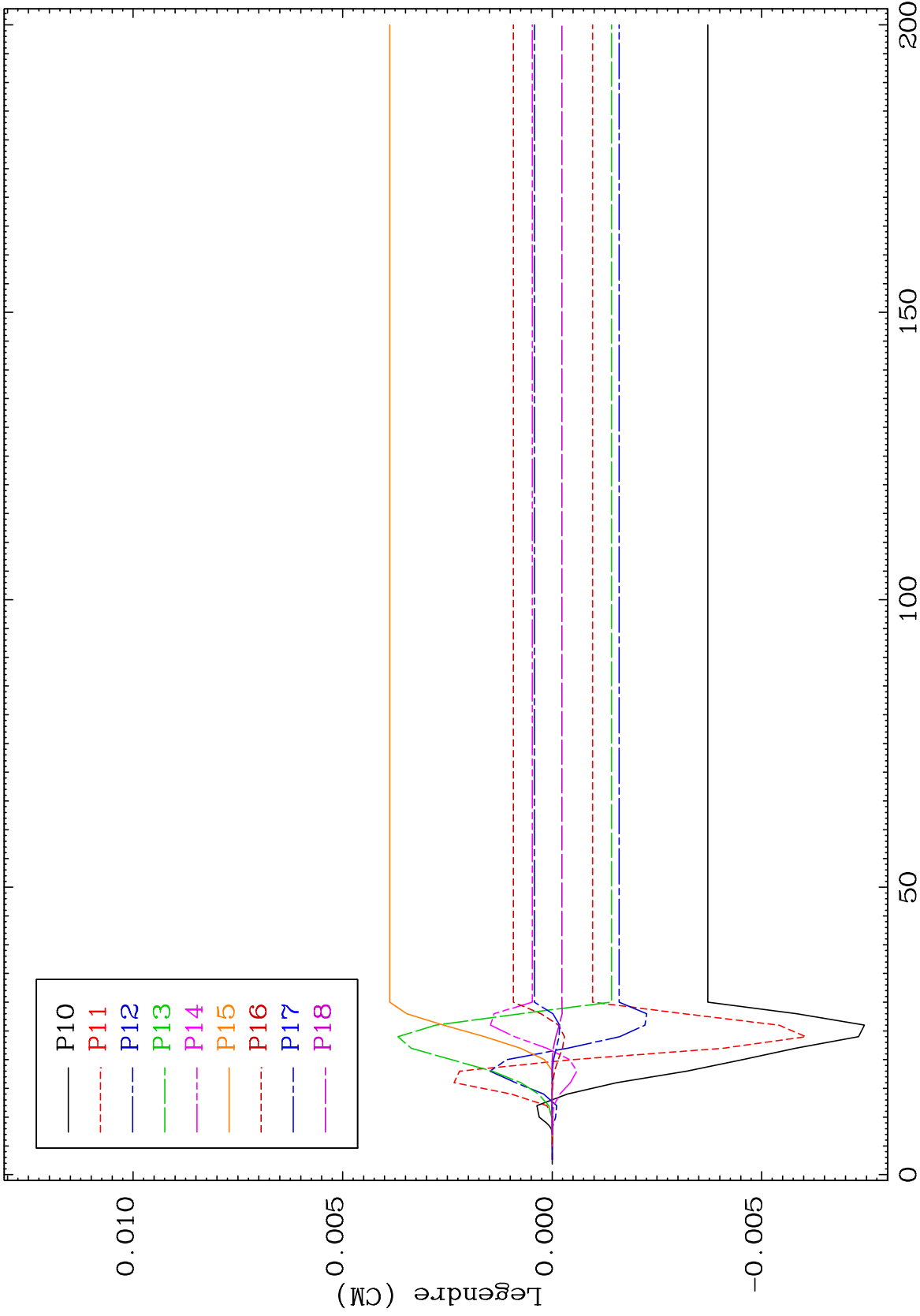
32

52-Te-128

MAT 5249

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

52-Te-128



33

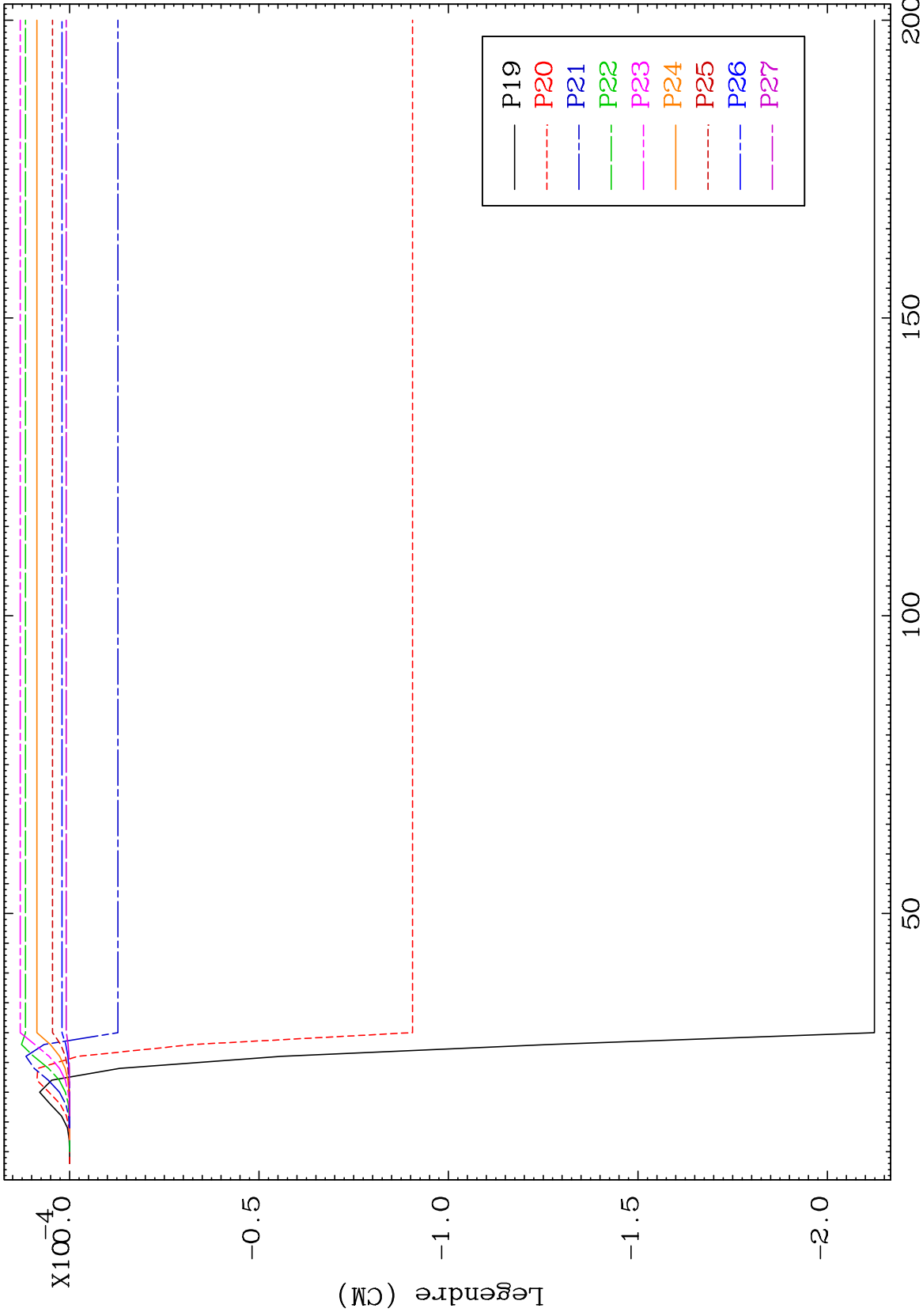
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



52-Te-128

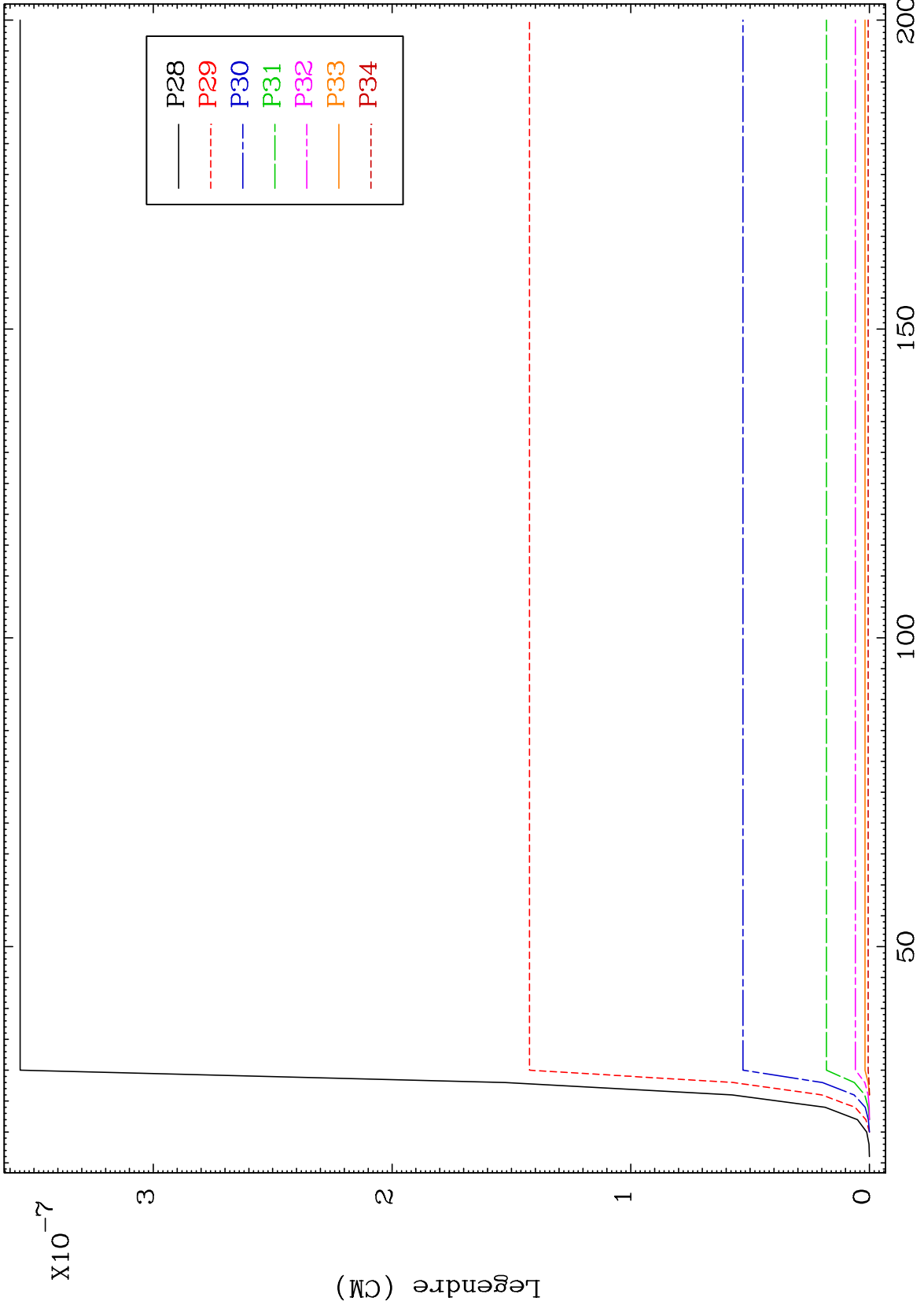
Incident Energy (MeV)

34

MAT 5249

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

52-Te-128

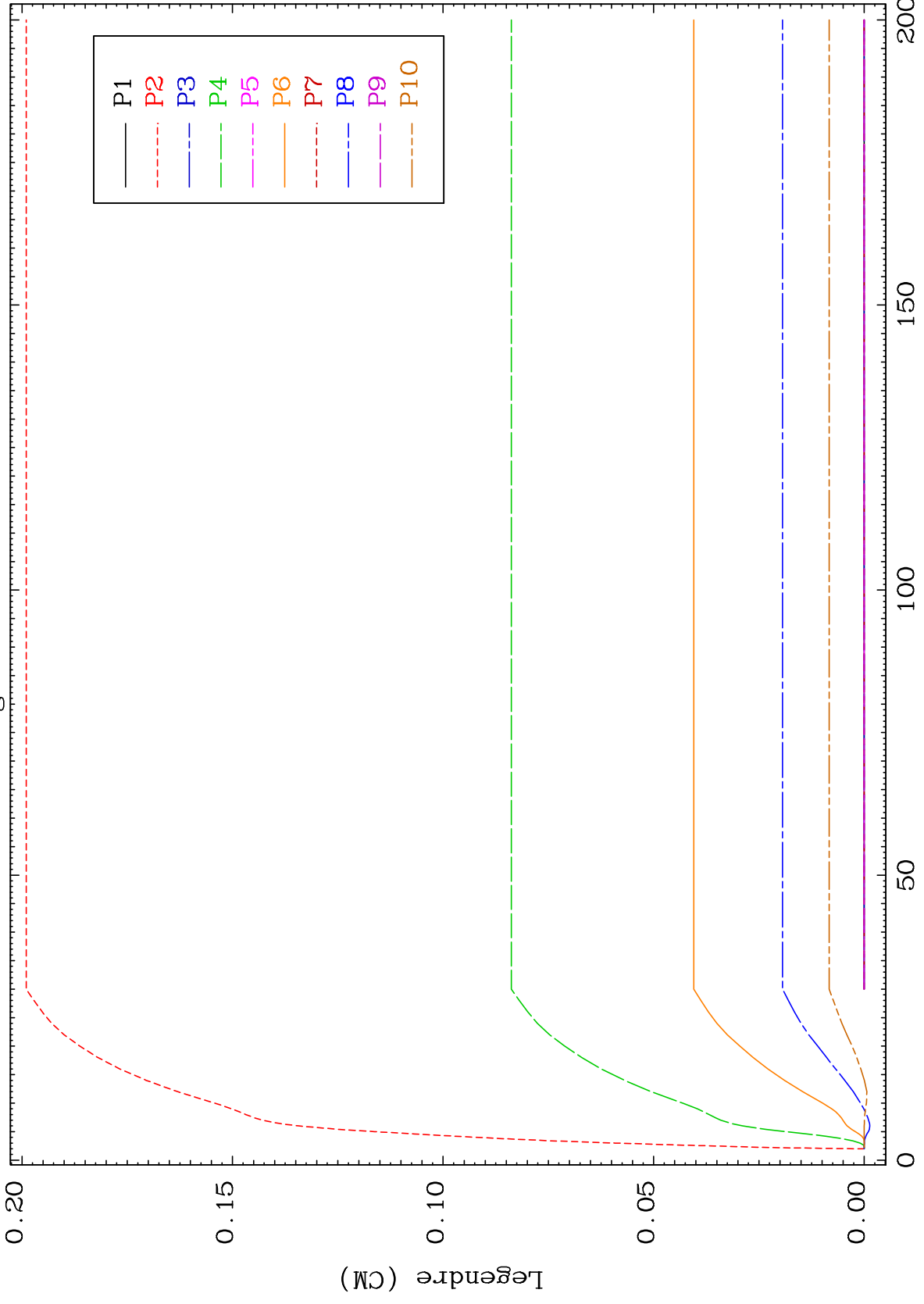


35

Incident Energy (MeV)

52-Te-128

MAT 5249 MT= 55 (n,n') Level Legendre Coefficients 52-Te-128

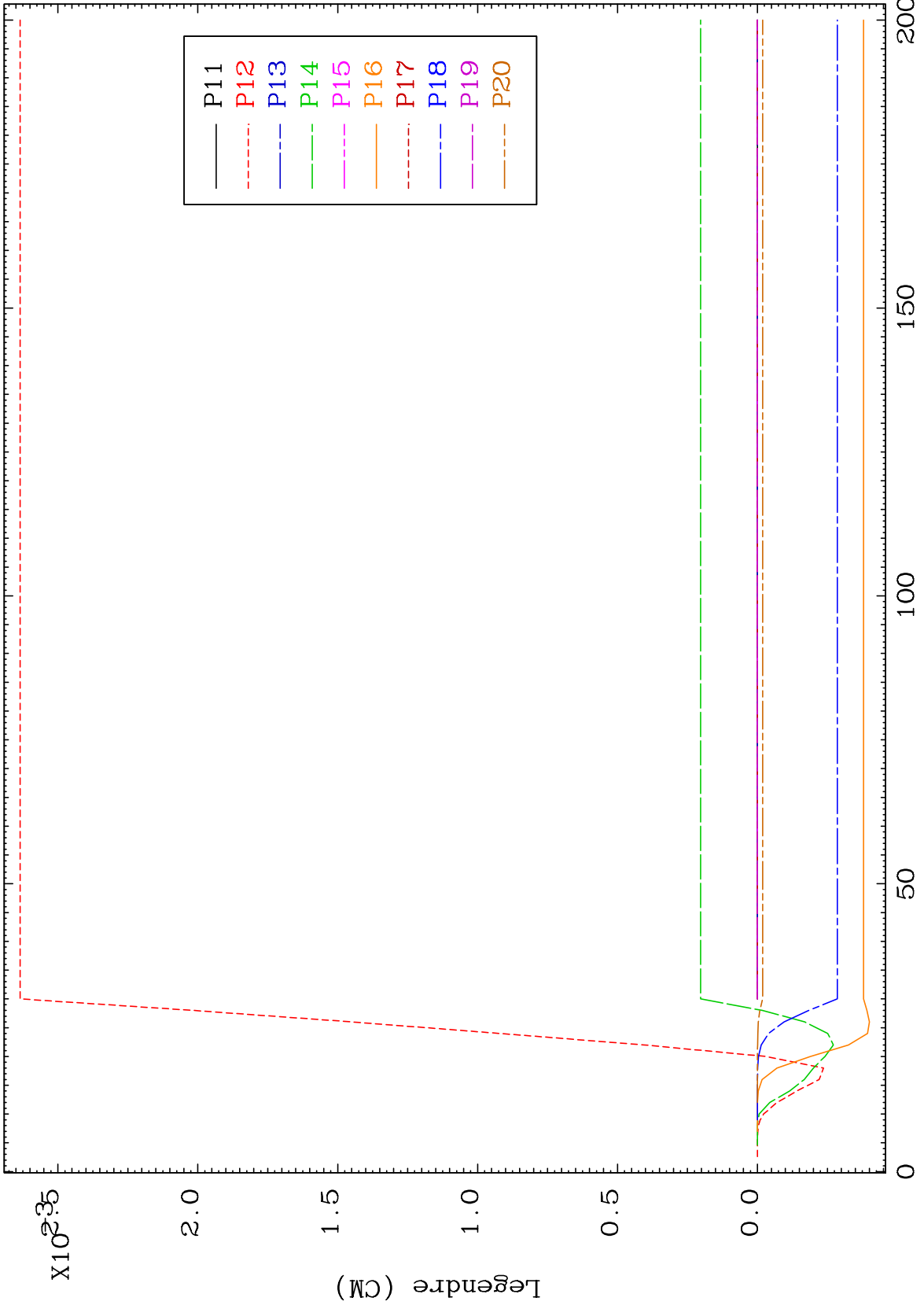


36 Incident Energy (MeV) 52-Te-128

MAT 5249

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

52-Te-128

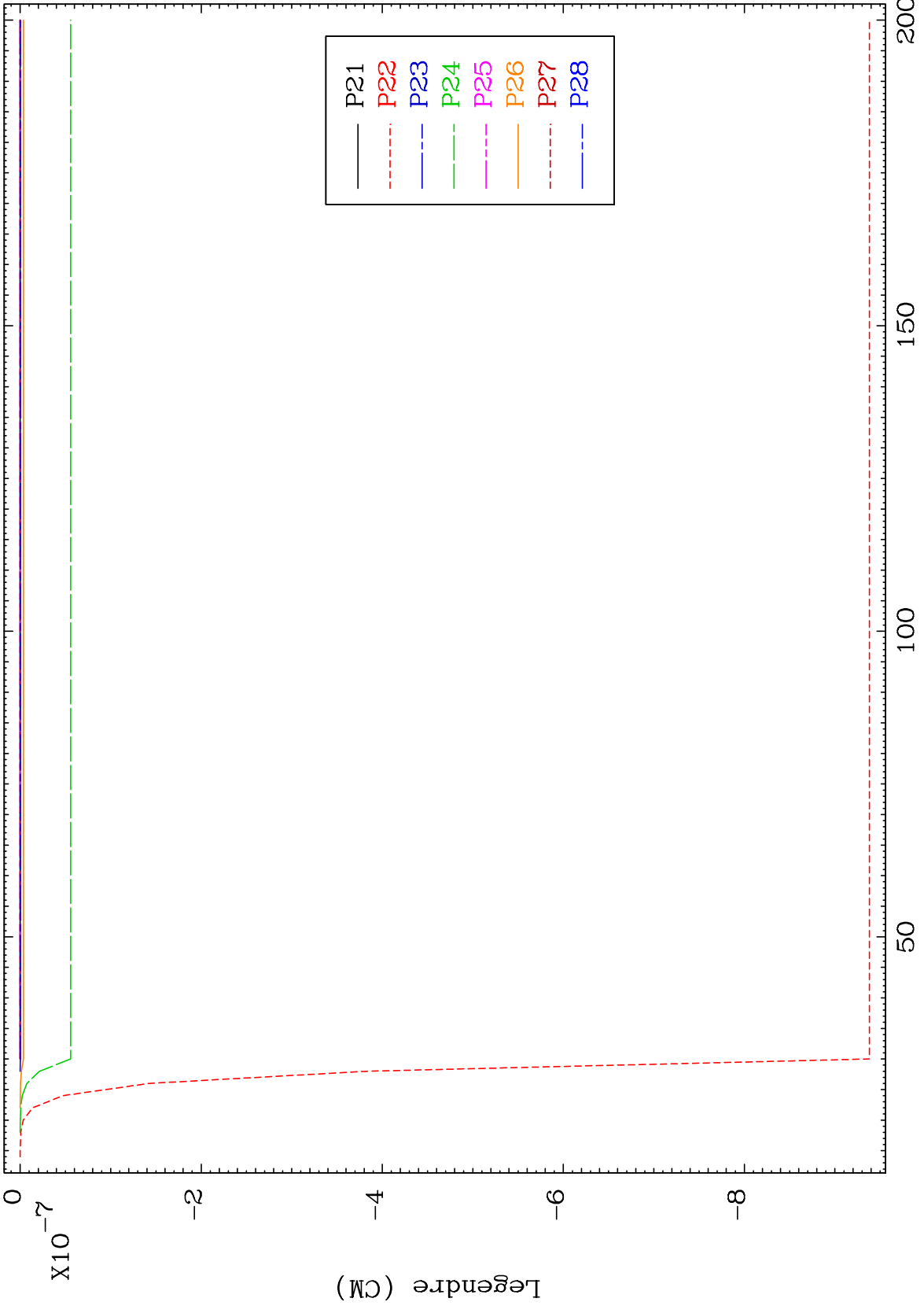


37

Incident Energy (MeV)

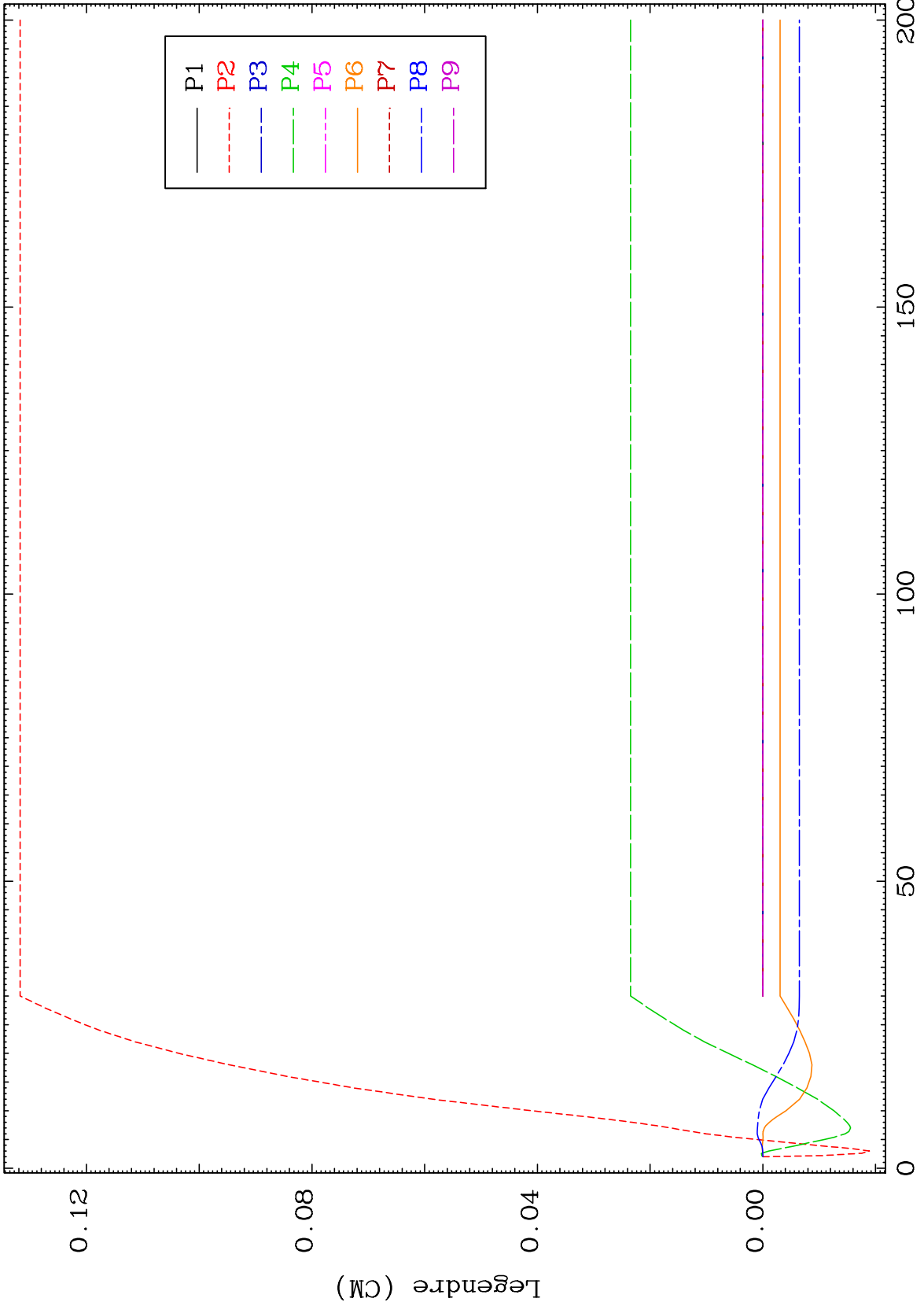
52-Te-128

MAT 5249 MT= 55 (n,n') Level Legendre Coefficients 52-Te-128



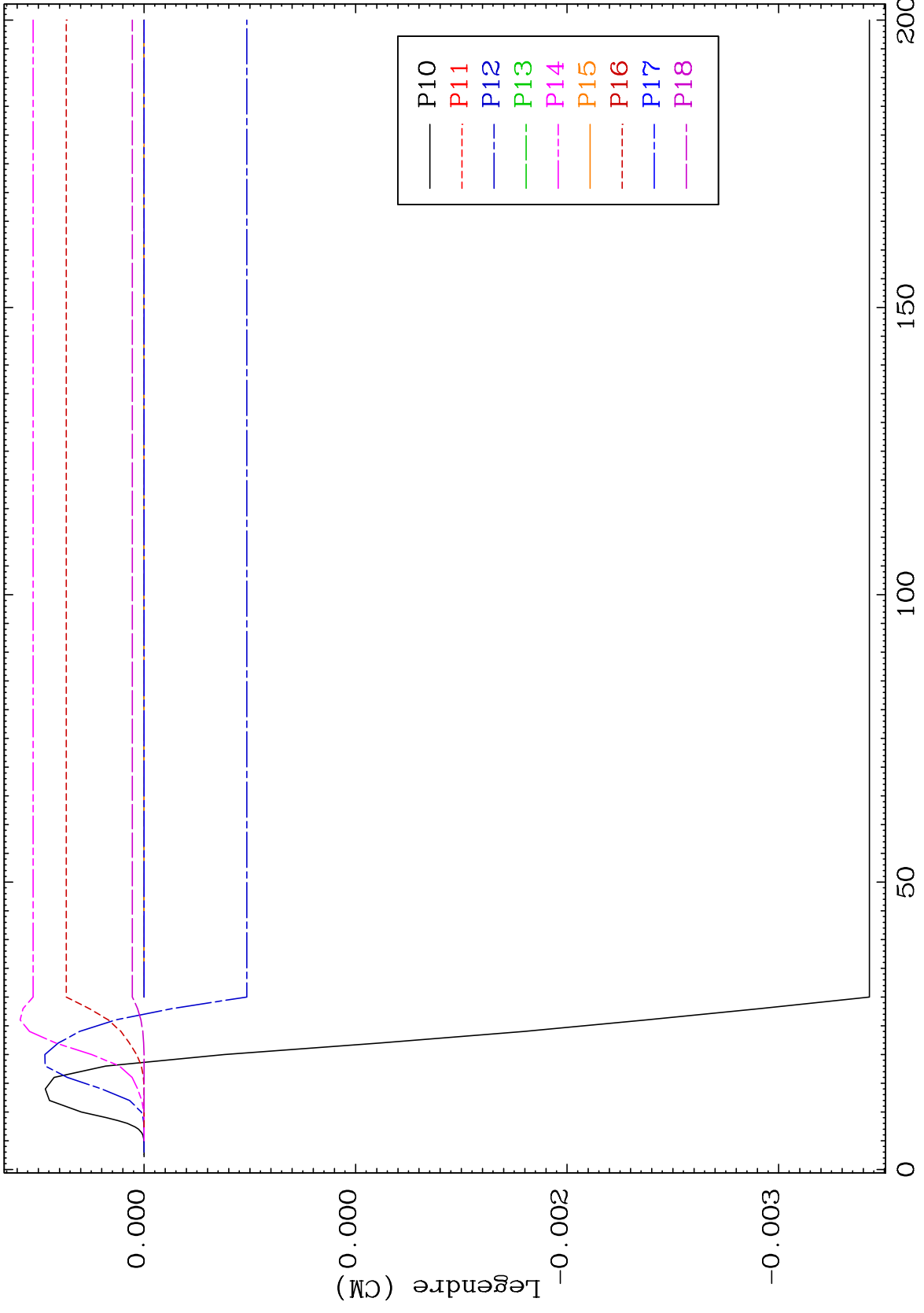
38 Incident Energy (MeV) 52-Te-128

MAT 5249 MT= 56 (n,n') Level Legendre Coefficients 52-Te-128



39 52-Te-128

MAT 5249 MT= 56 (n,n') Level Legendre Coefficients 52-Te-128

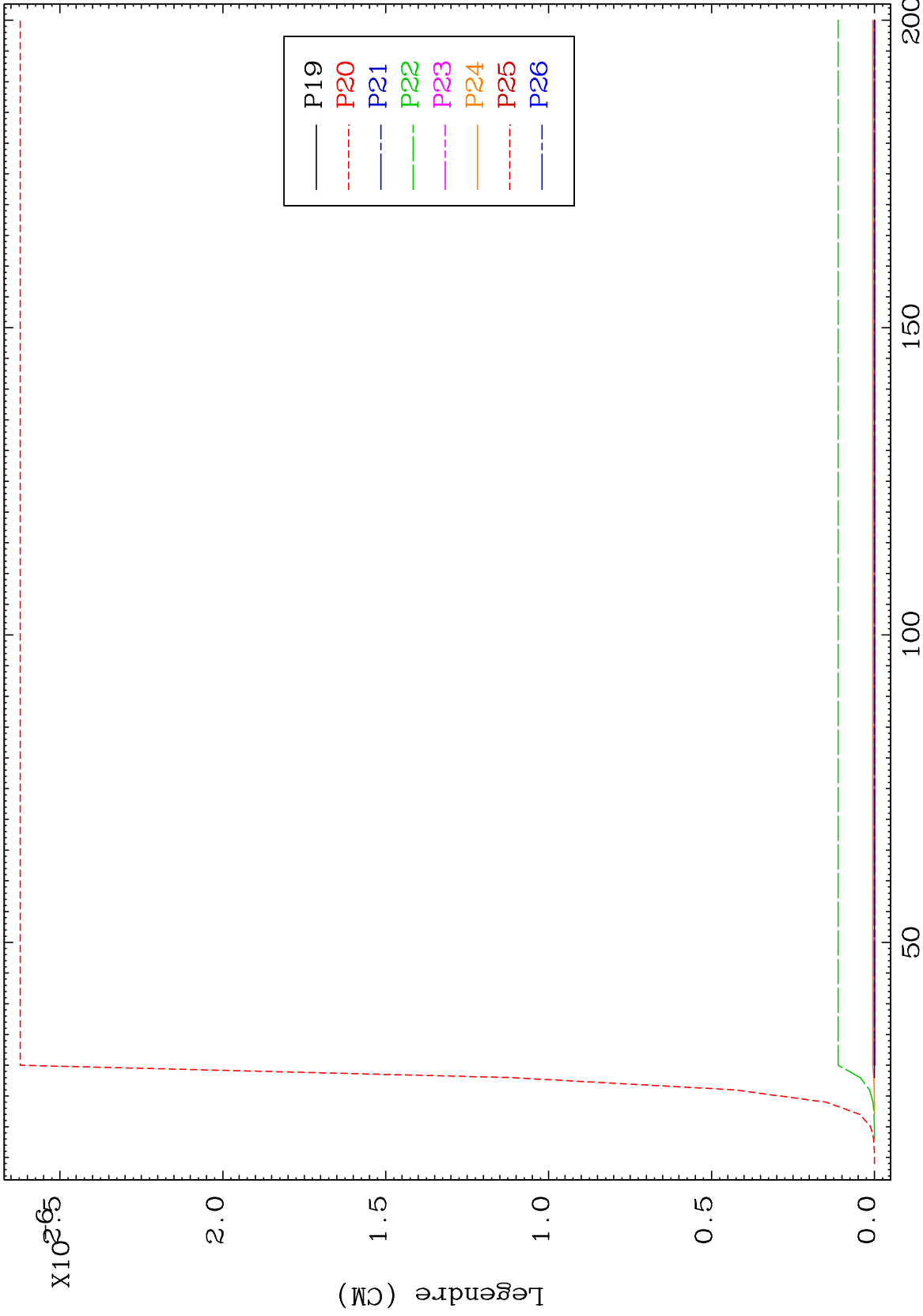


40 Incident Energy (MeV) 52-Te-128

MAT 5249

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

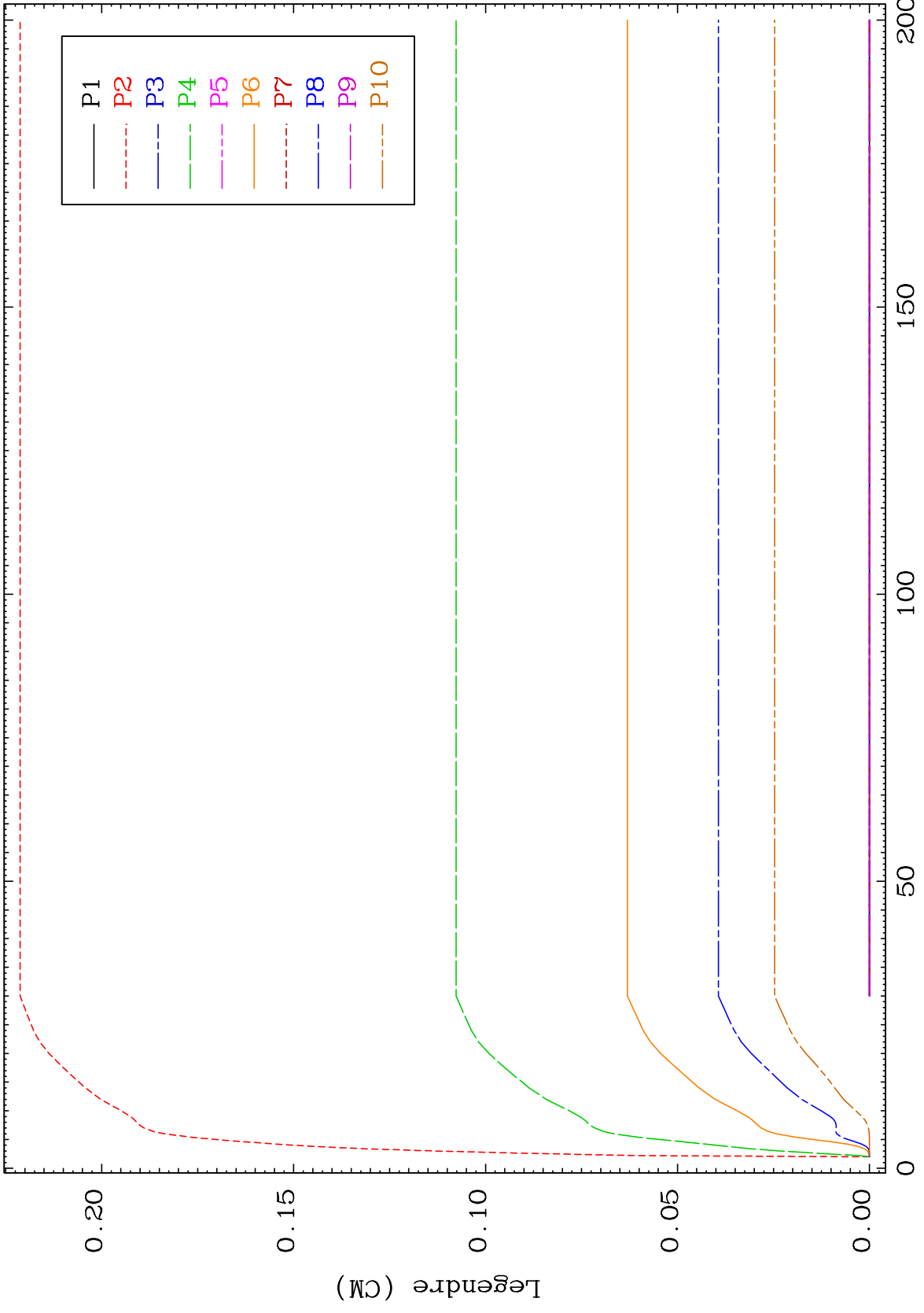
52-Te-128



41

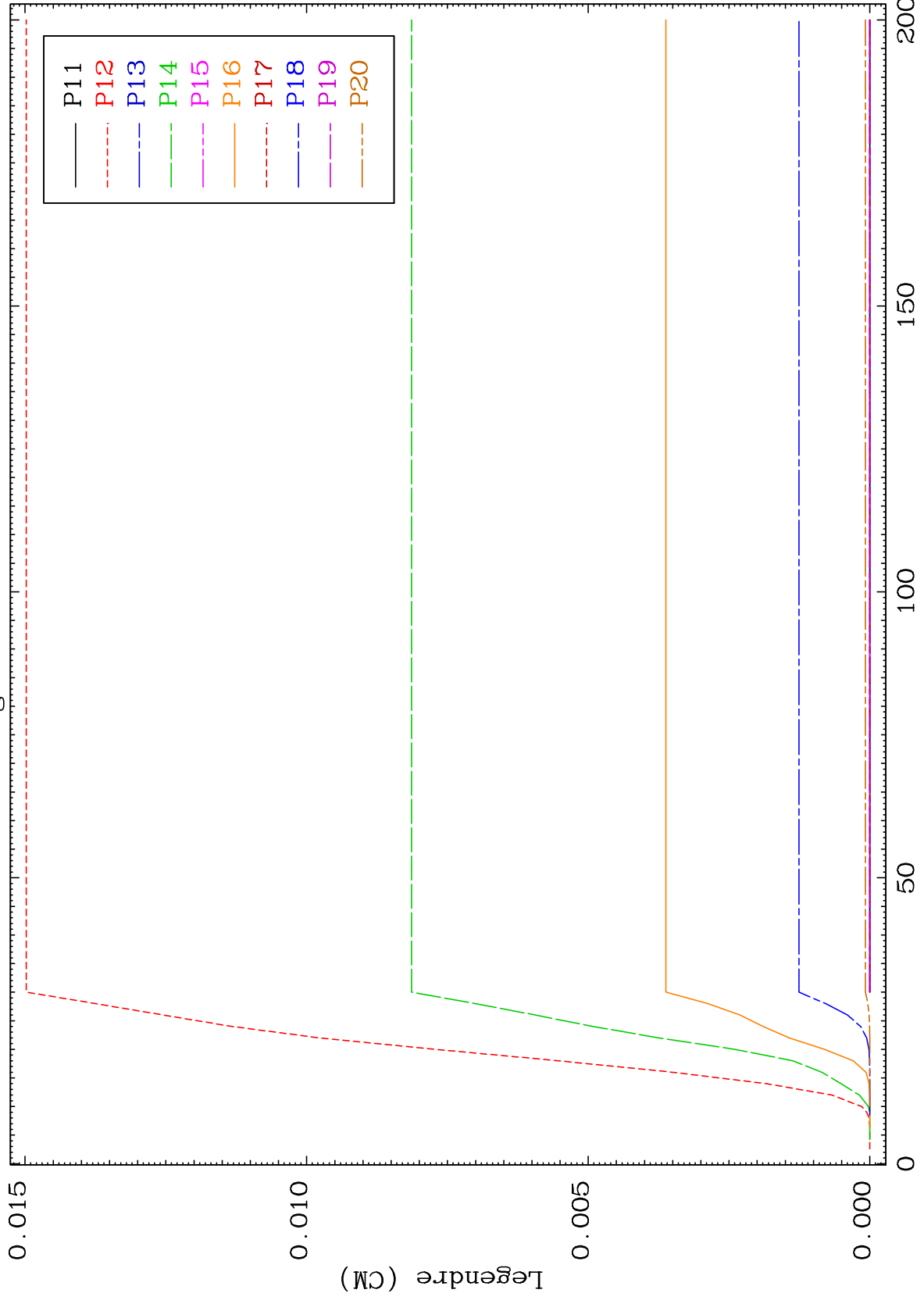
52-Te-128

MAT 5249 MT= 57 (n,n') Level Legendre Coefficients 52-Te-128



42 52-Te-128

MAT 5249 MT= 57 (n,n') Level Legendre Coefficients 52-Te-128

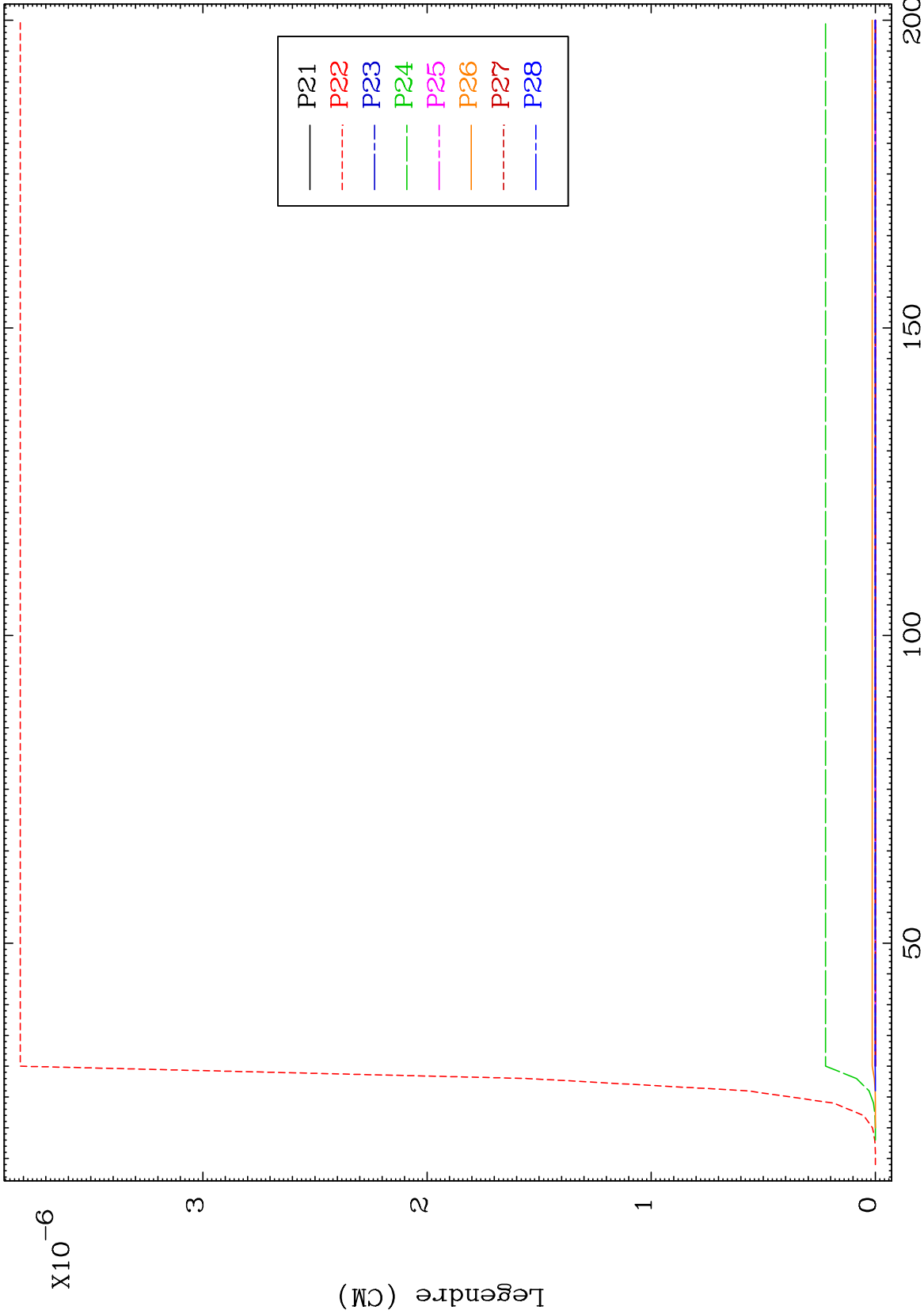


43 52-Te-128

MAT 5249

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

52-Te-128



44

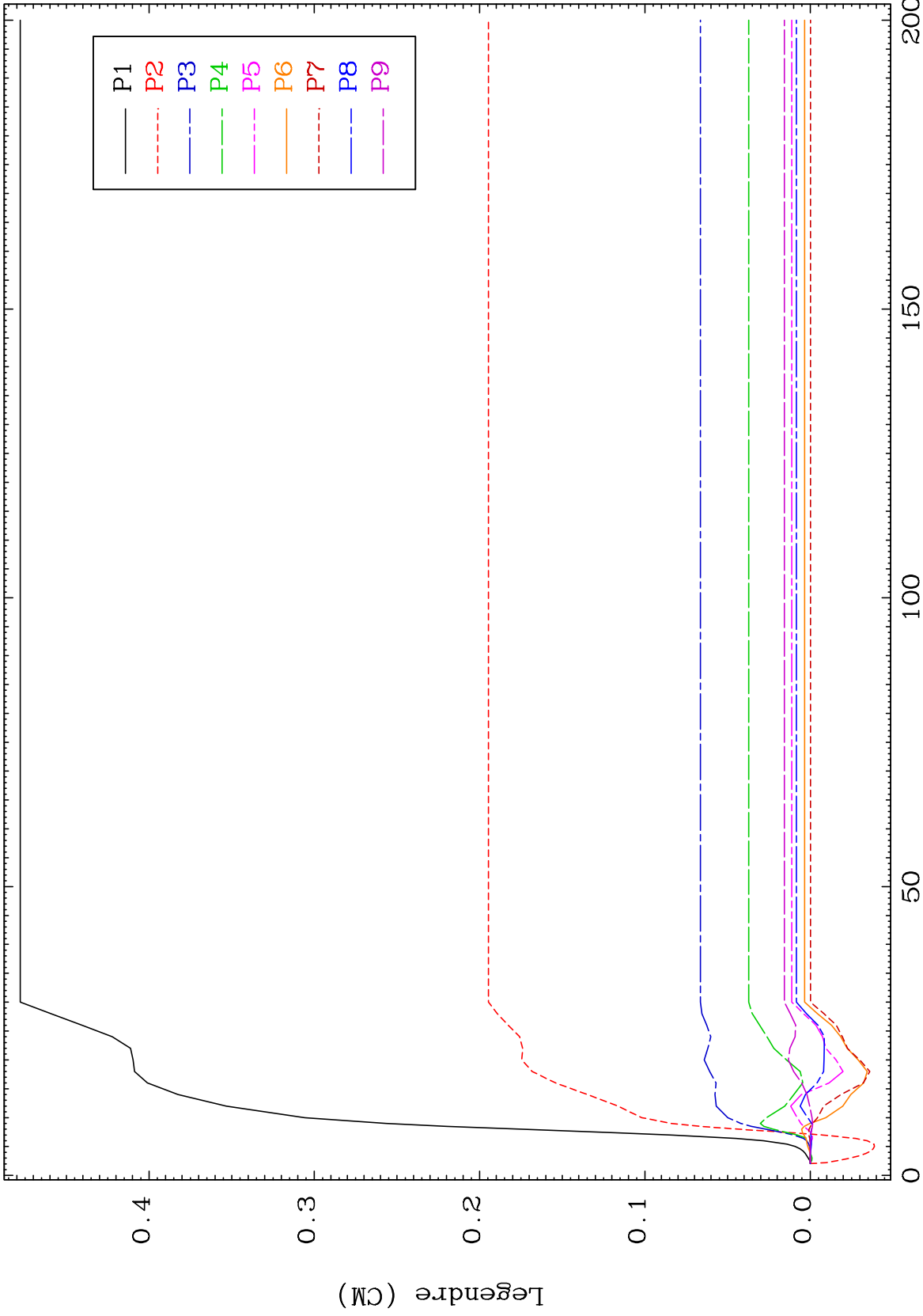
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



45

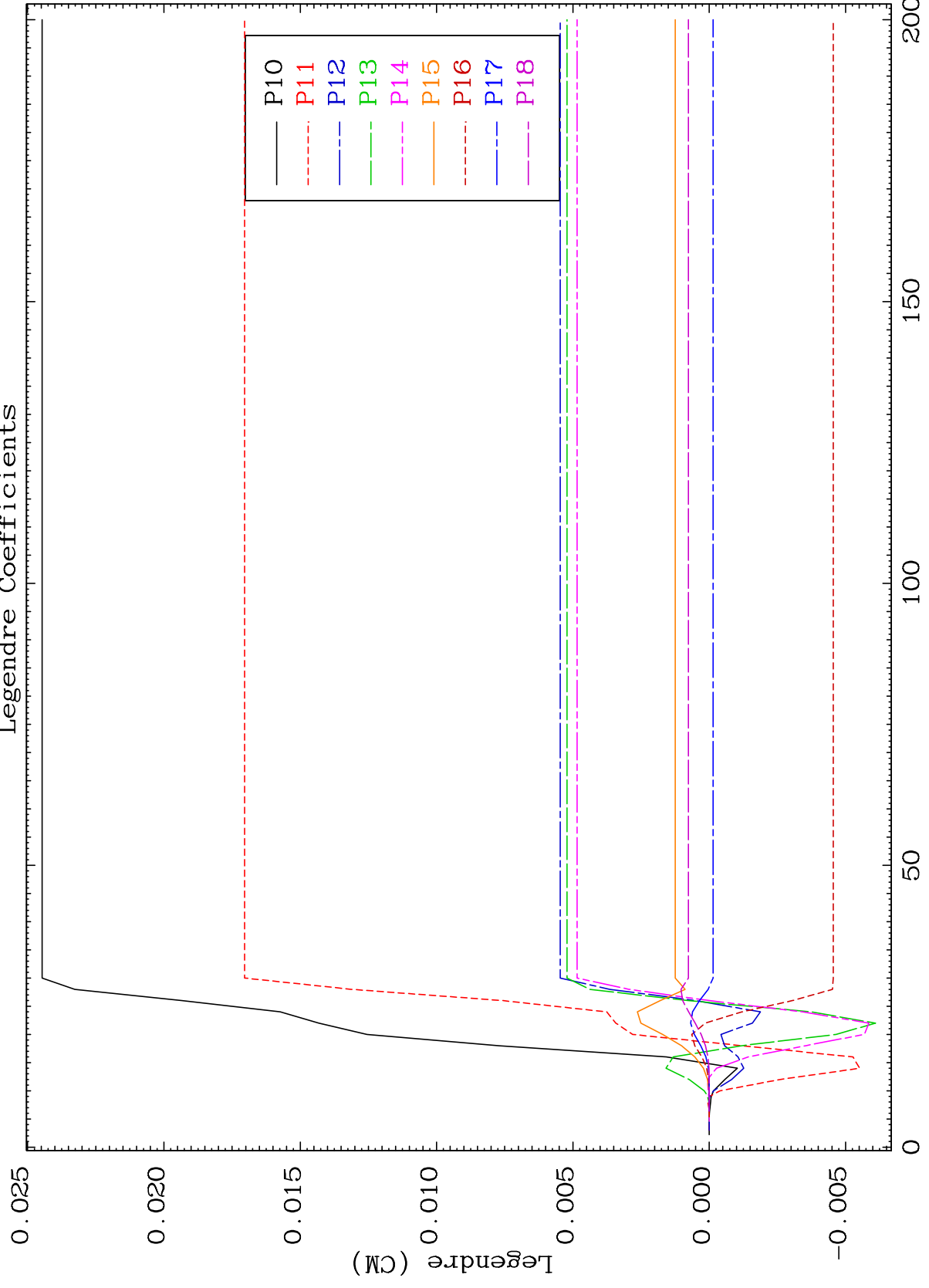
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



46

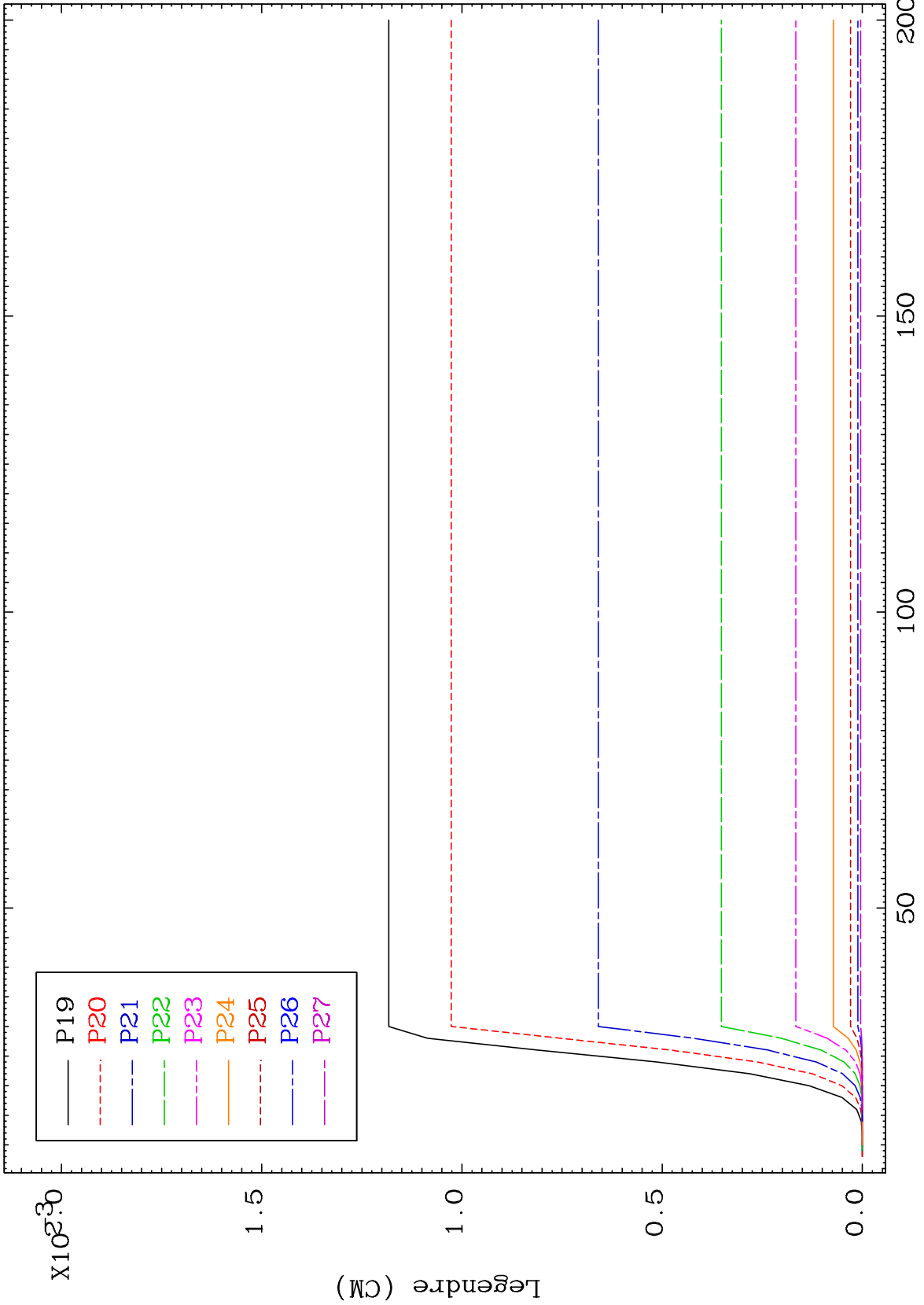
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



47

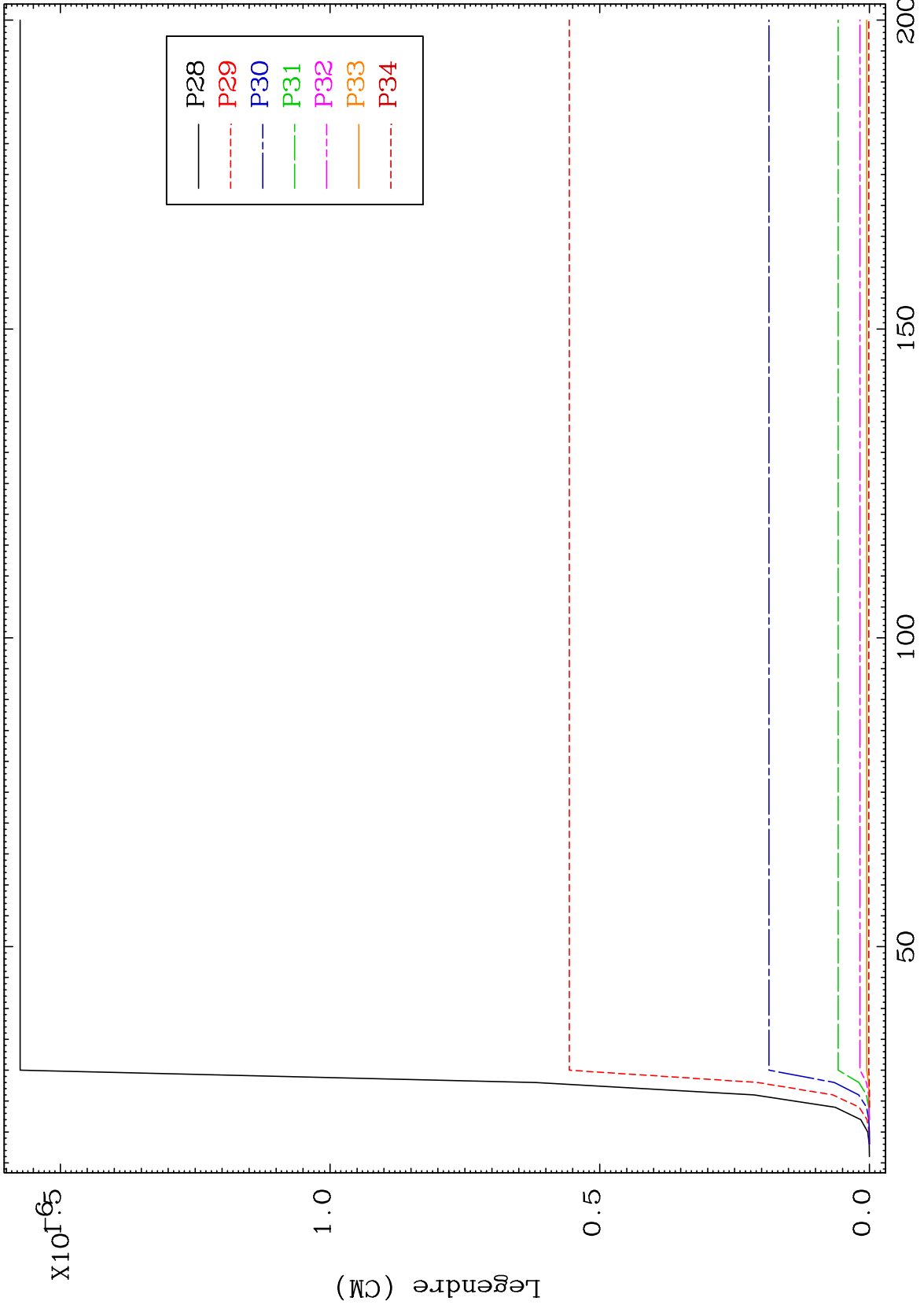
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



48

Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



49

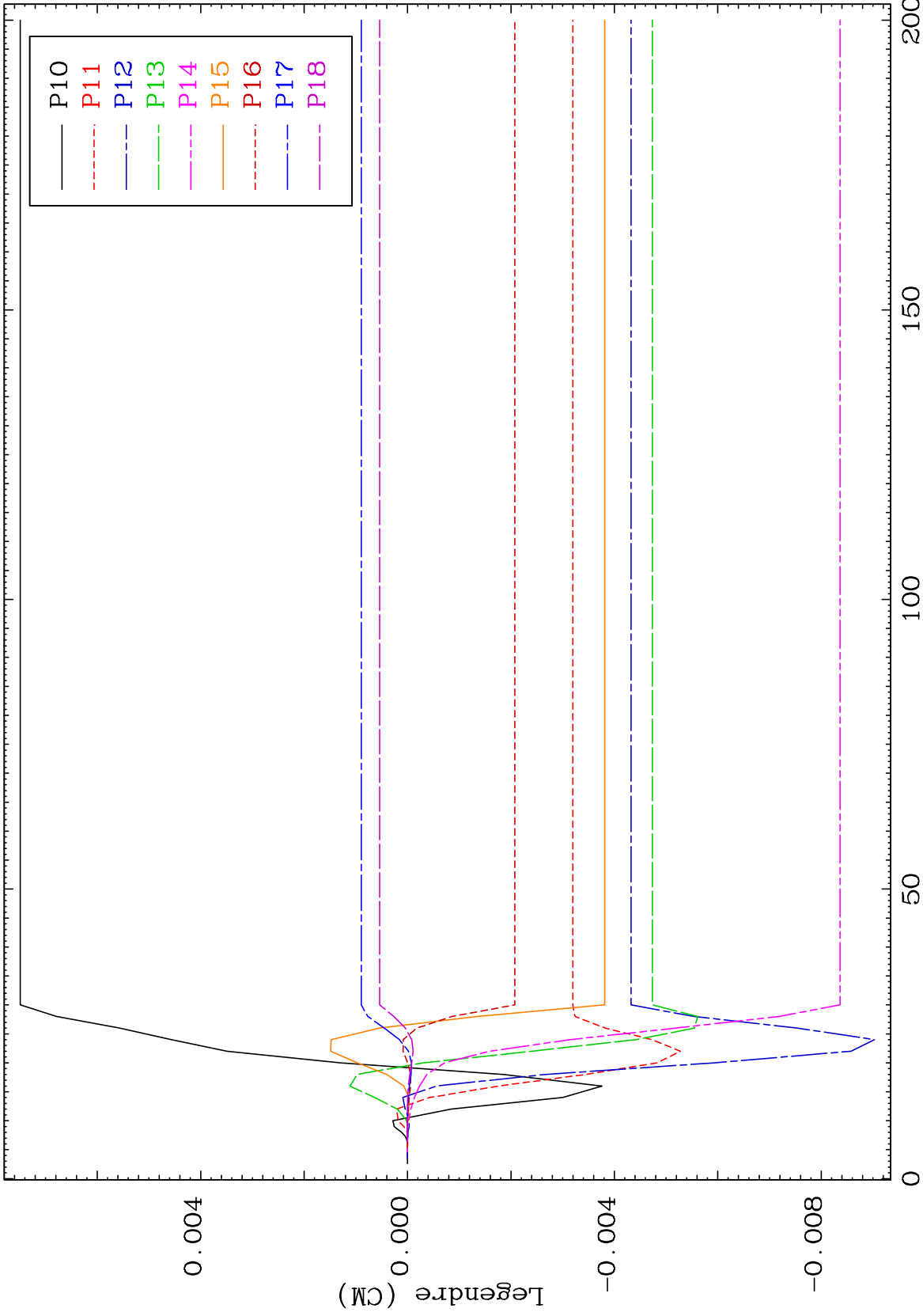
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



50

Incident Energy (MeV)

50

100

150

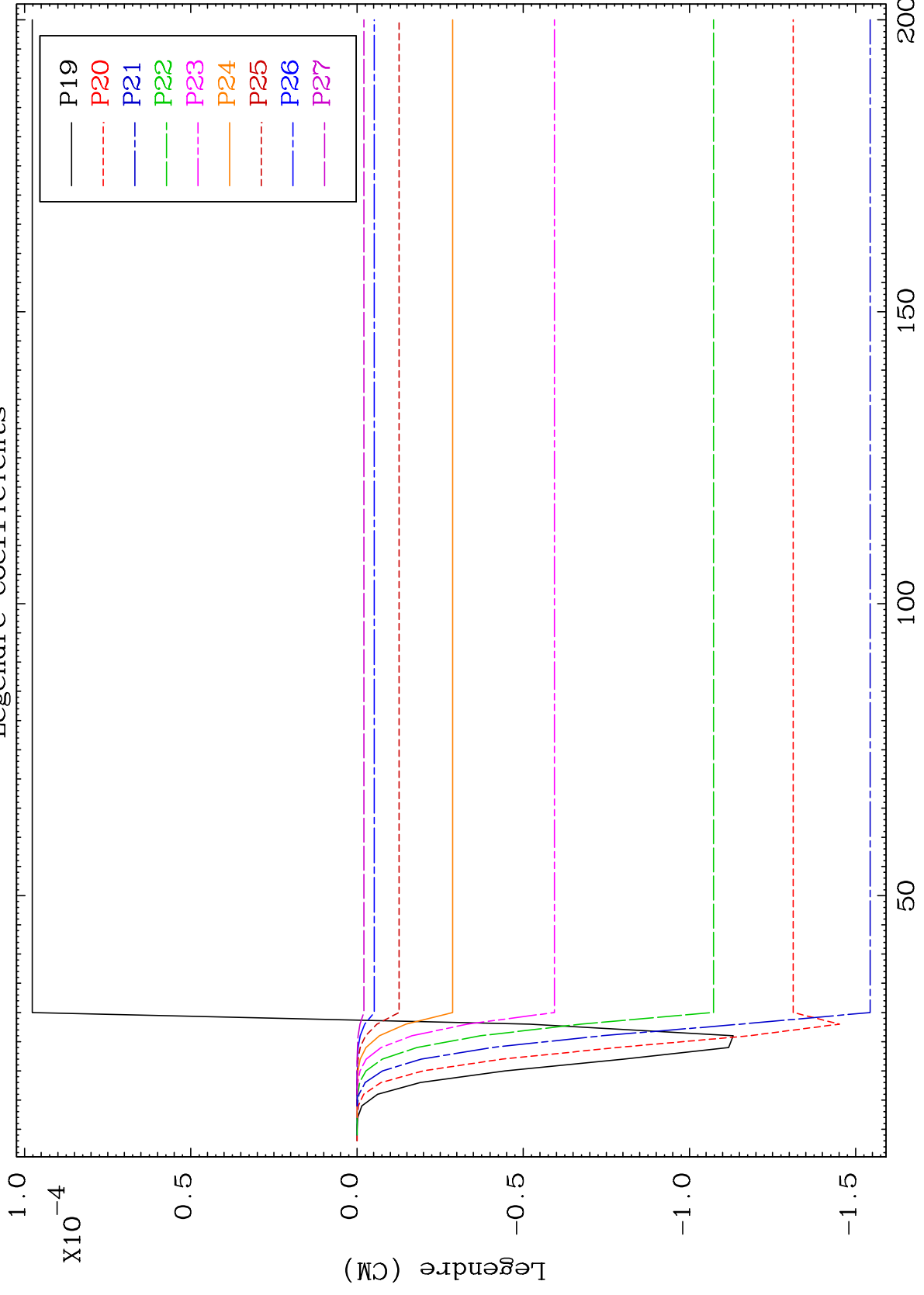
200

52-Te-128

MAT 5249

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

52-Te-128

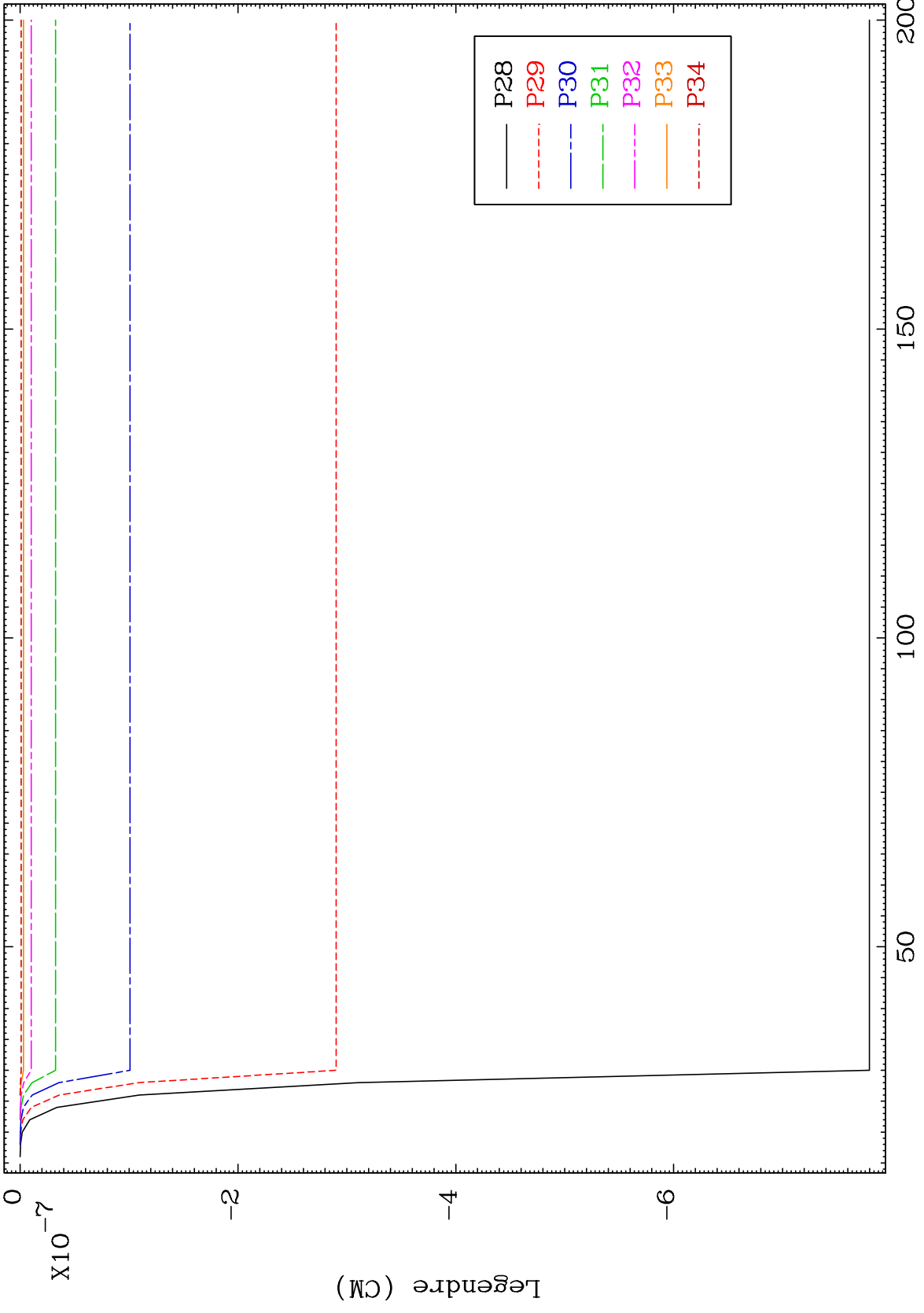


51

Incident Energy (MeV)

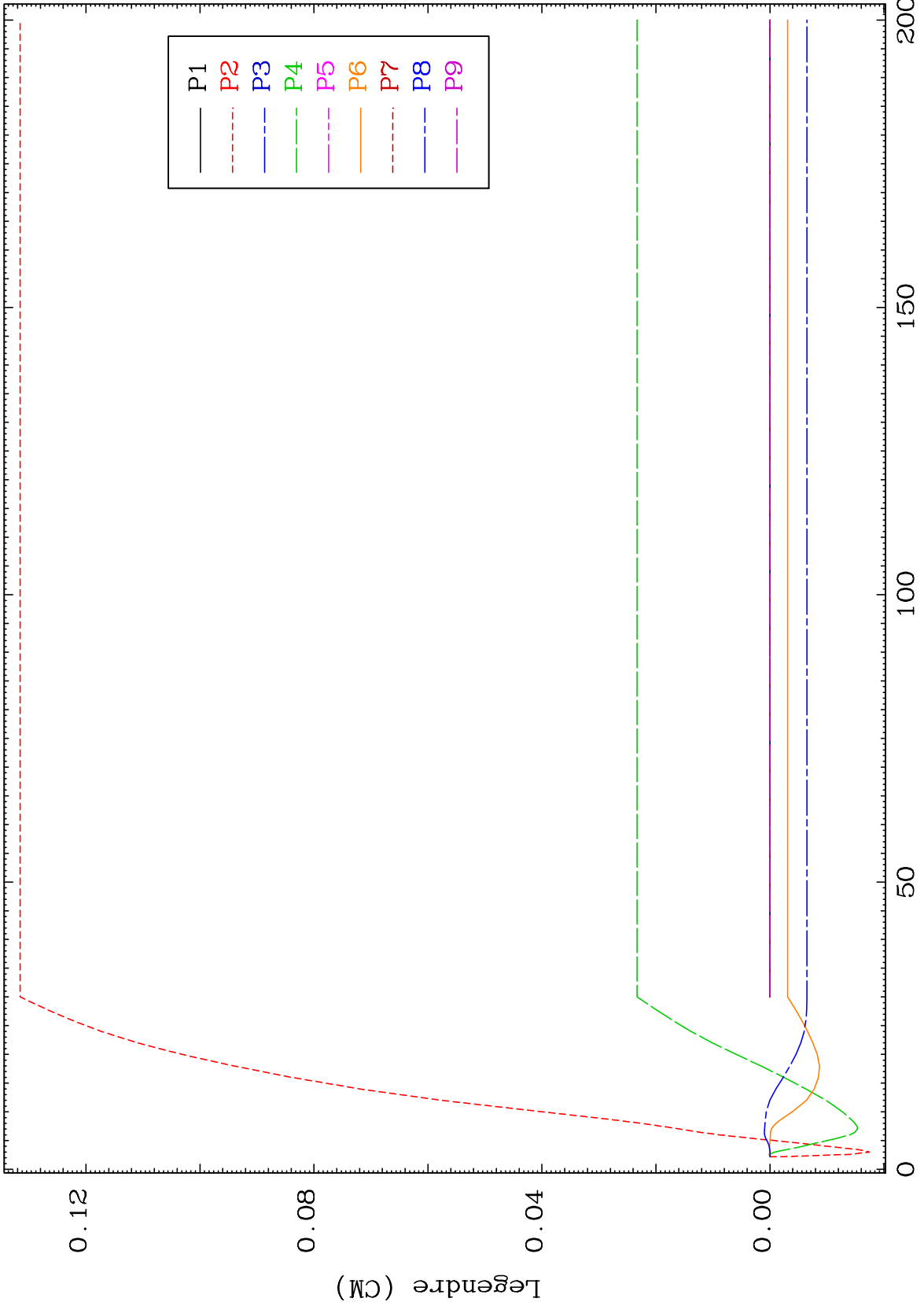
52-Te-128

MAT 5249 MT= 59 (n,n') Level Legendre Coefficients 52-Te-128



52-Te-128 Incident Energy (MeV) 52

MAT 5249 MT= 60 (n,n') Level Legendre Coefficients 52-Te-128

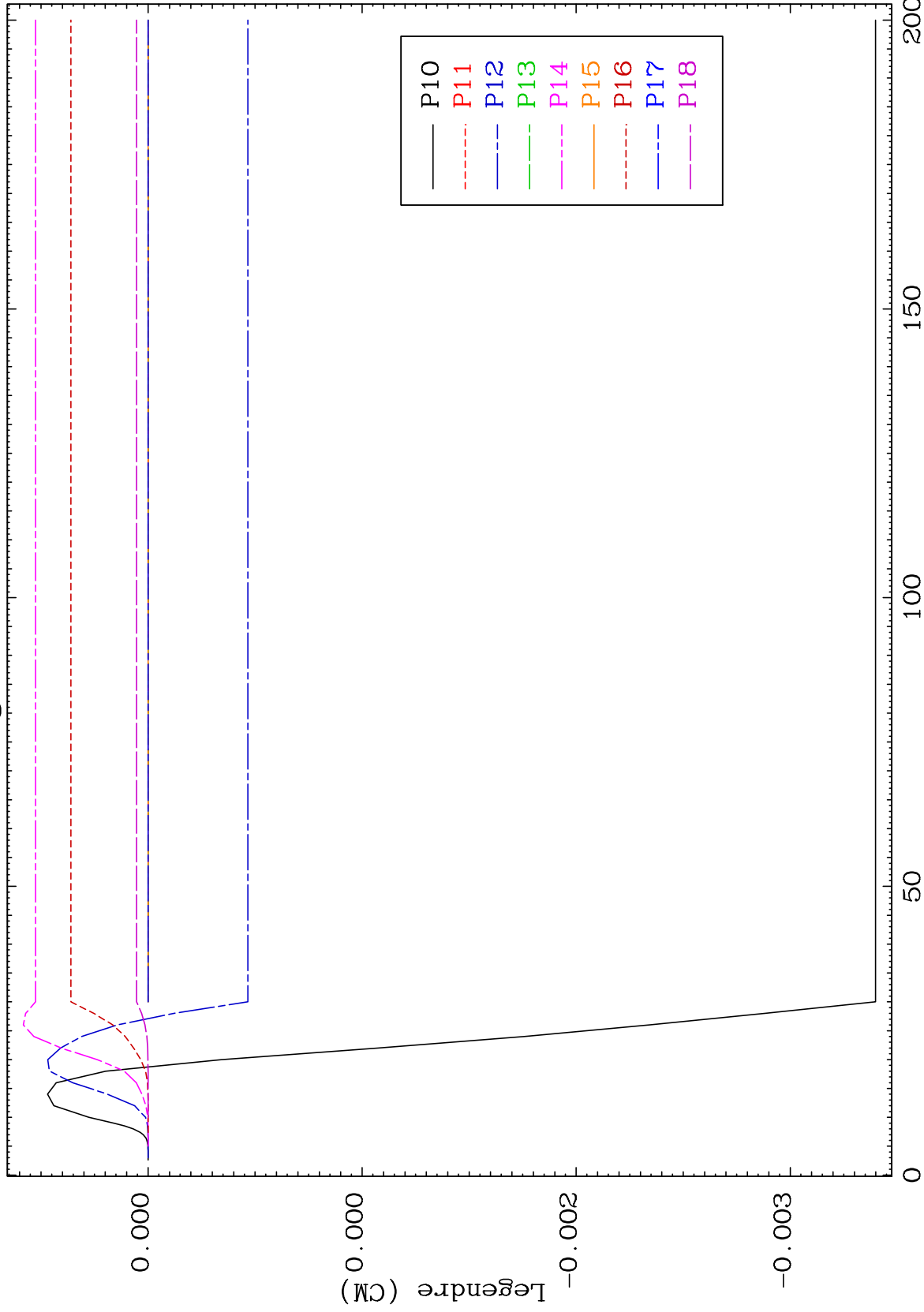


53 52-Te-128

MAT 5249

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

52-Te-128



54

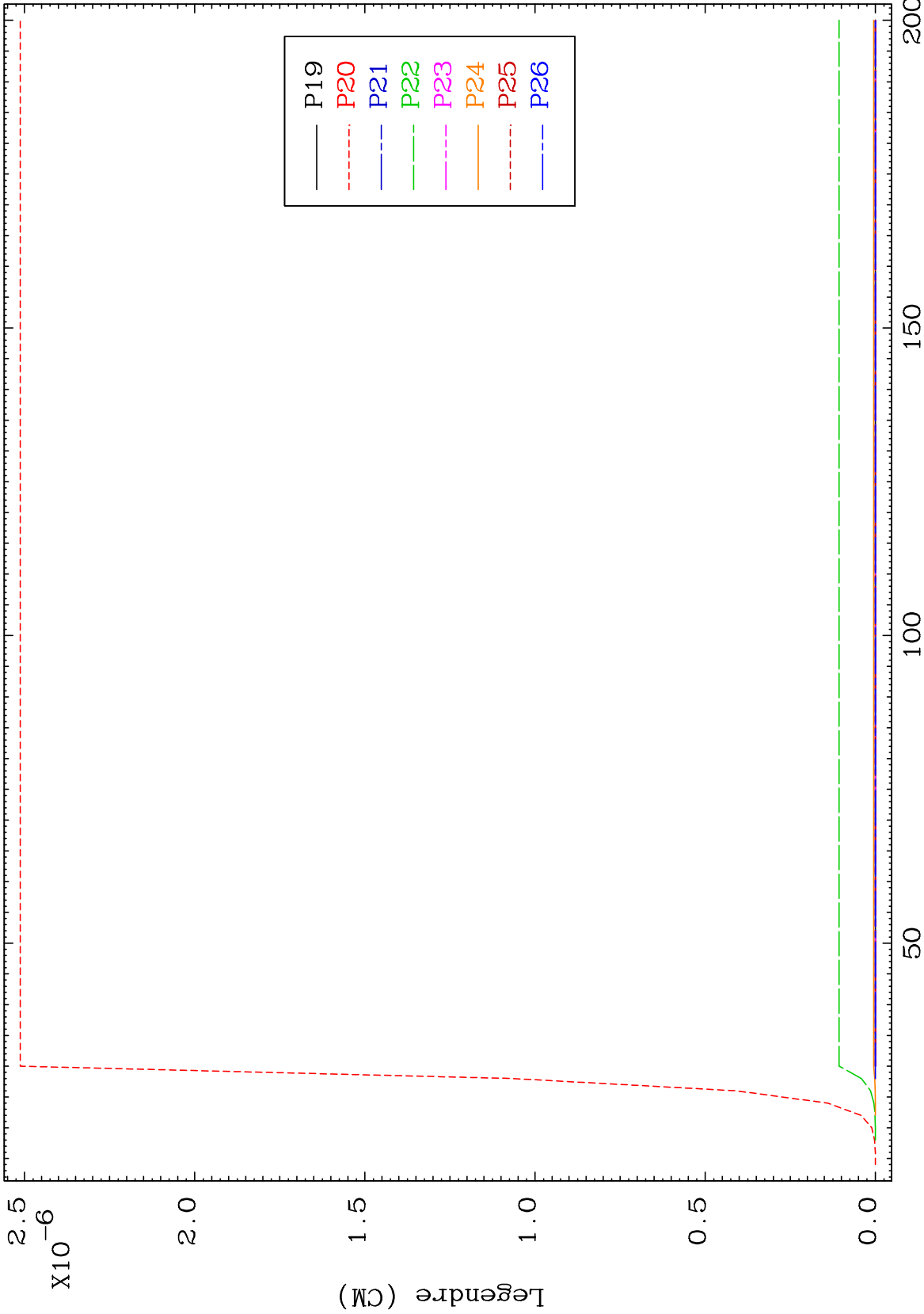
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



55

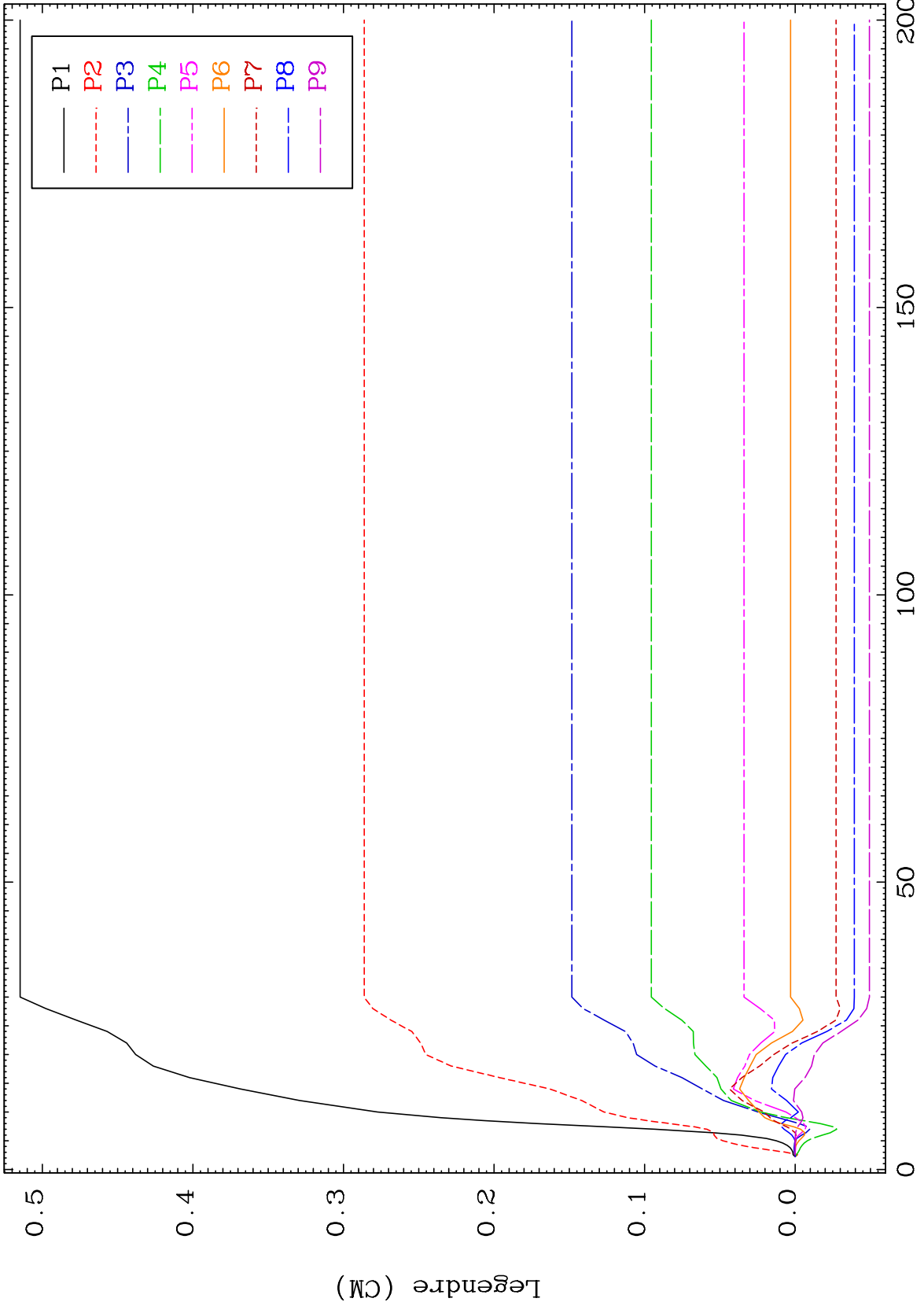
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



56

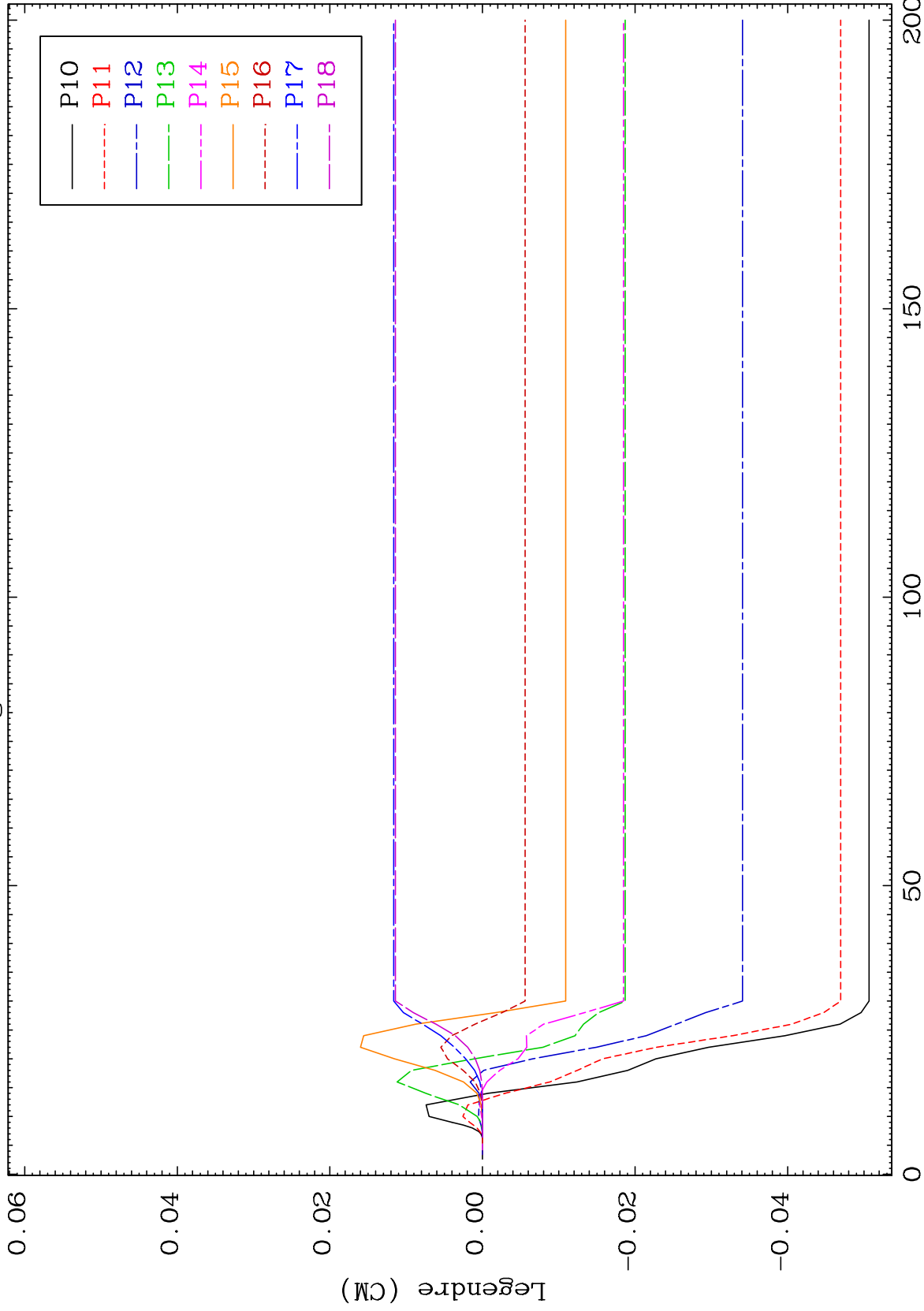
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



57

Incident Energy (MeV)

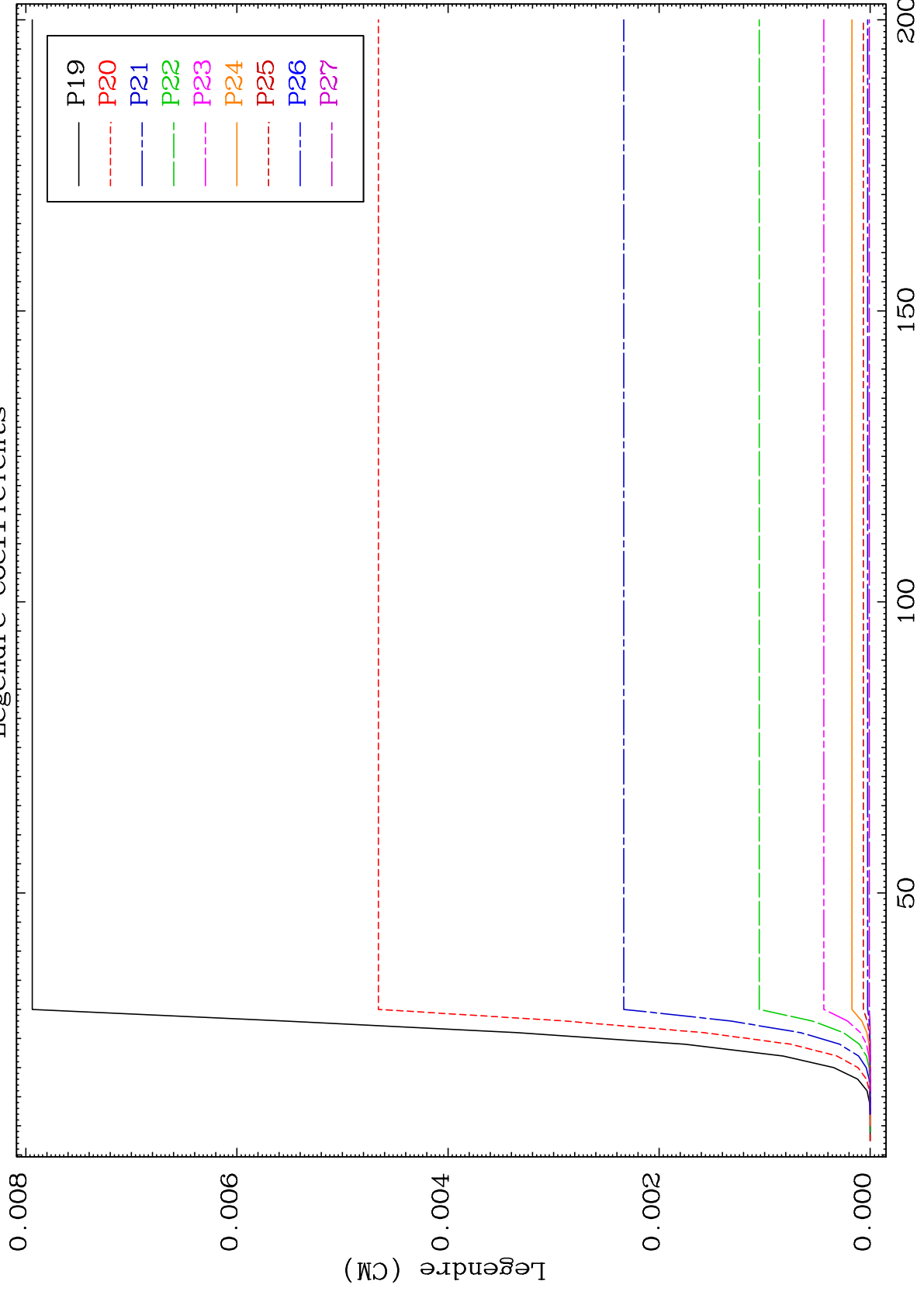
52-Te-128

MAT 5249

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

52-Te-128

52-Te-128

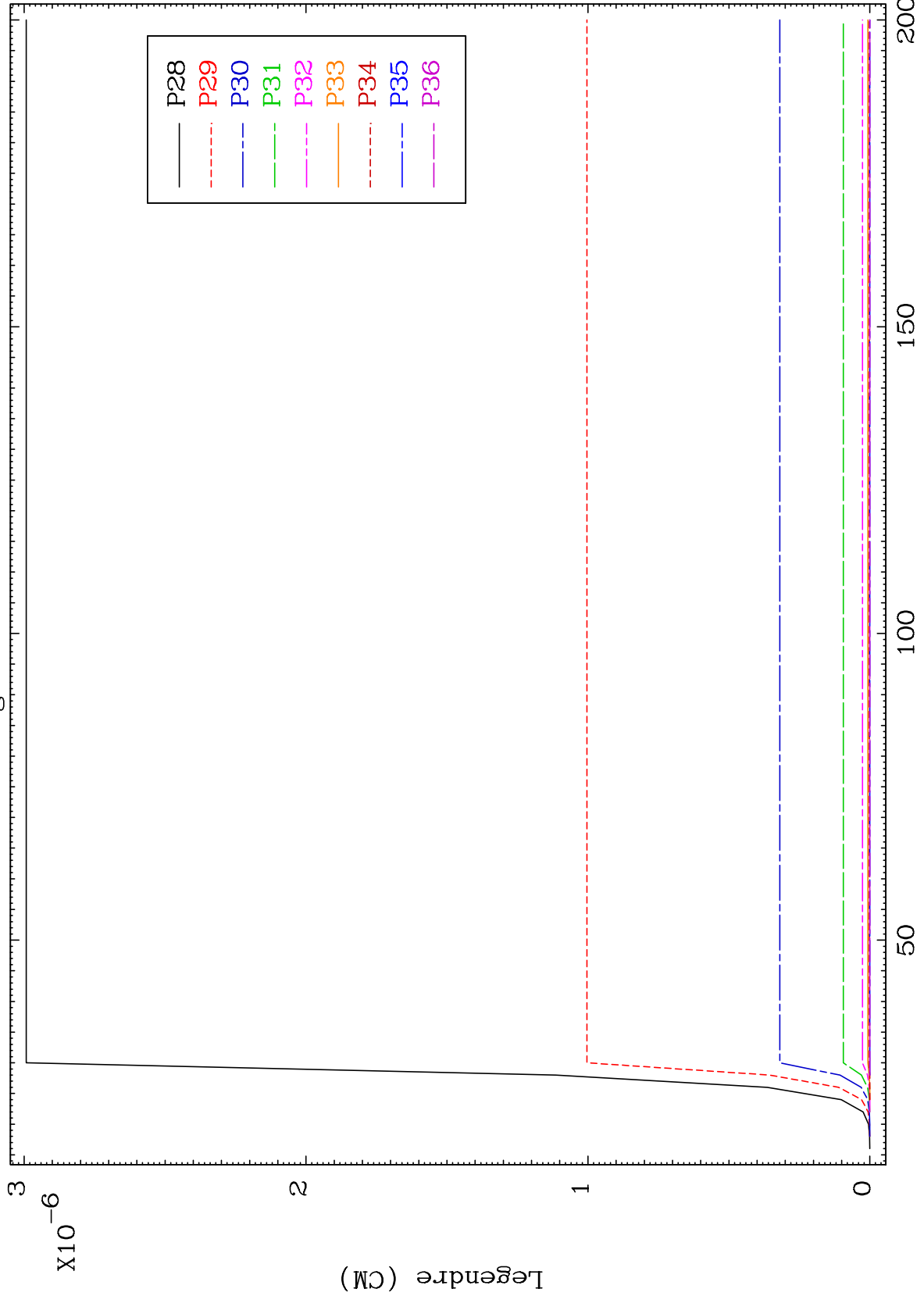


58

MAT 5249

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

52-Te-128



59

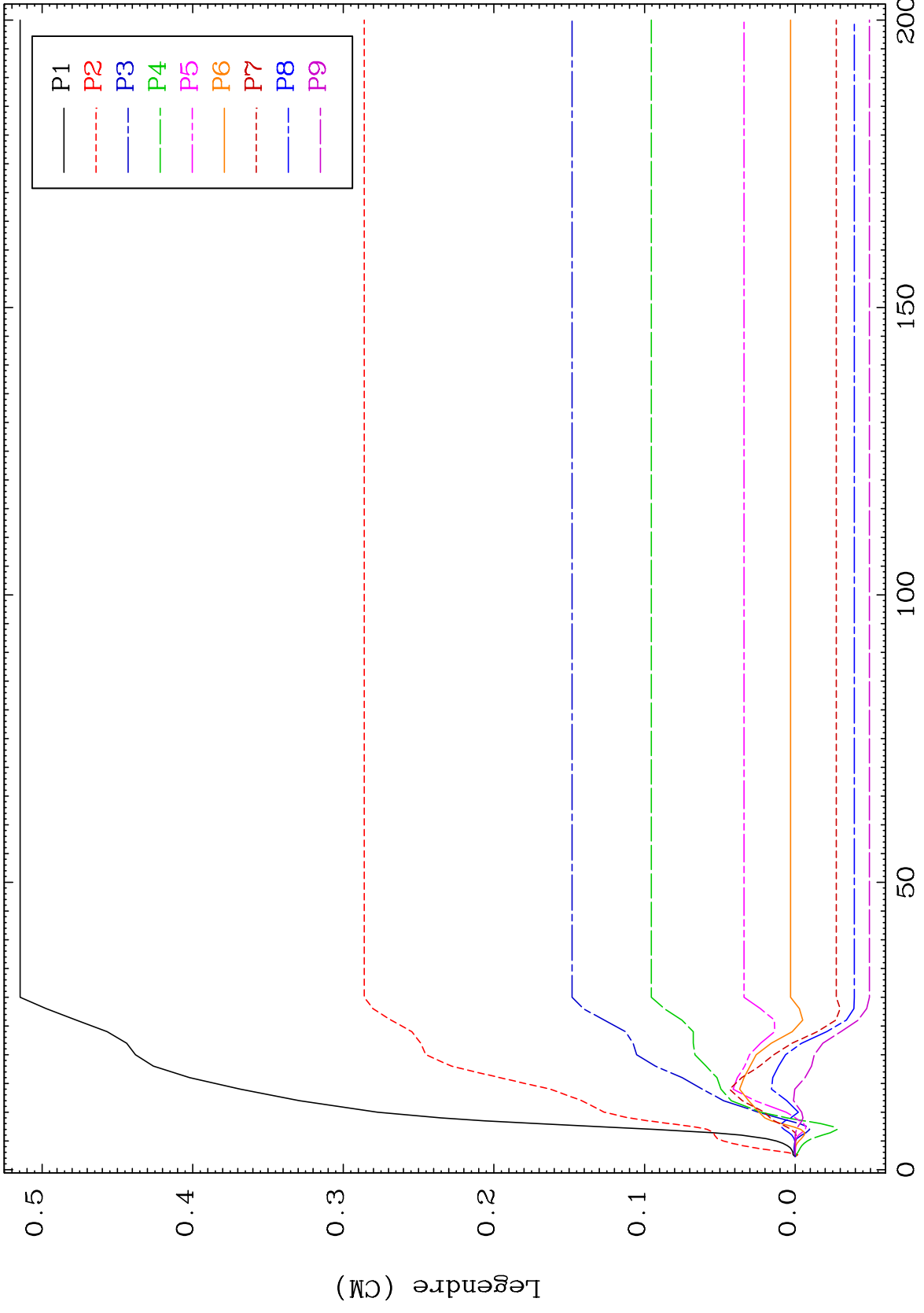
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



60

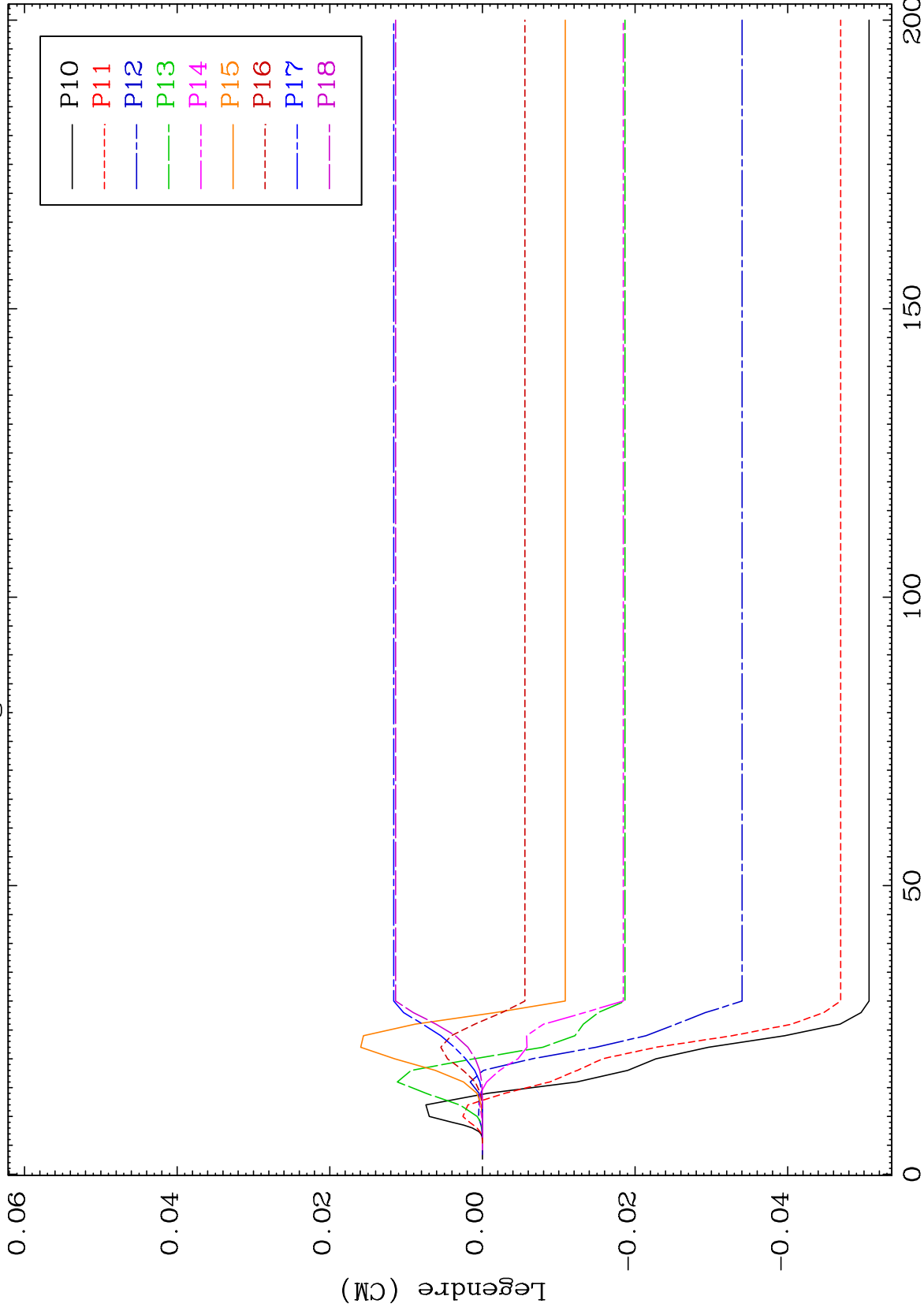
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128

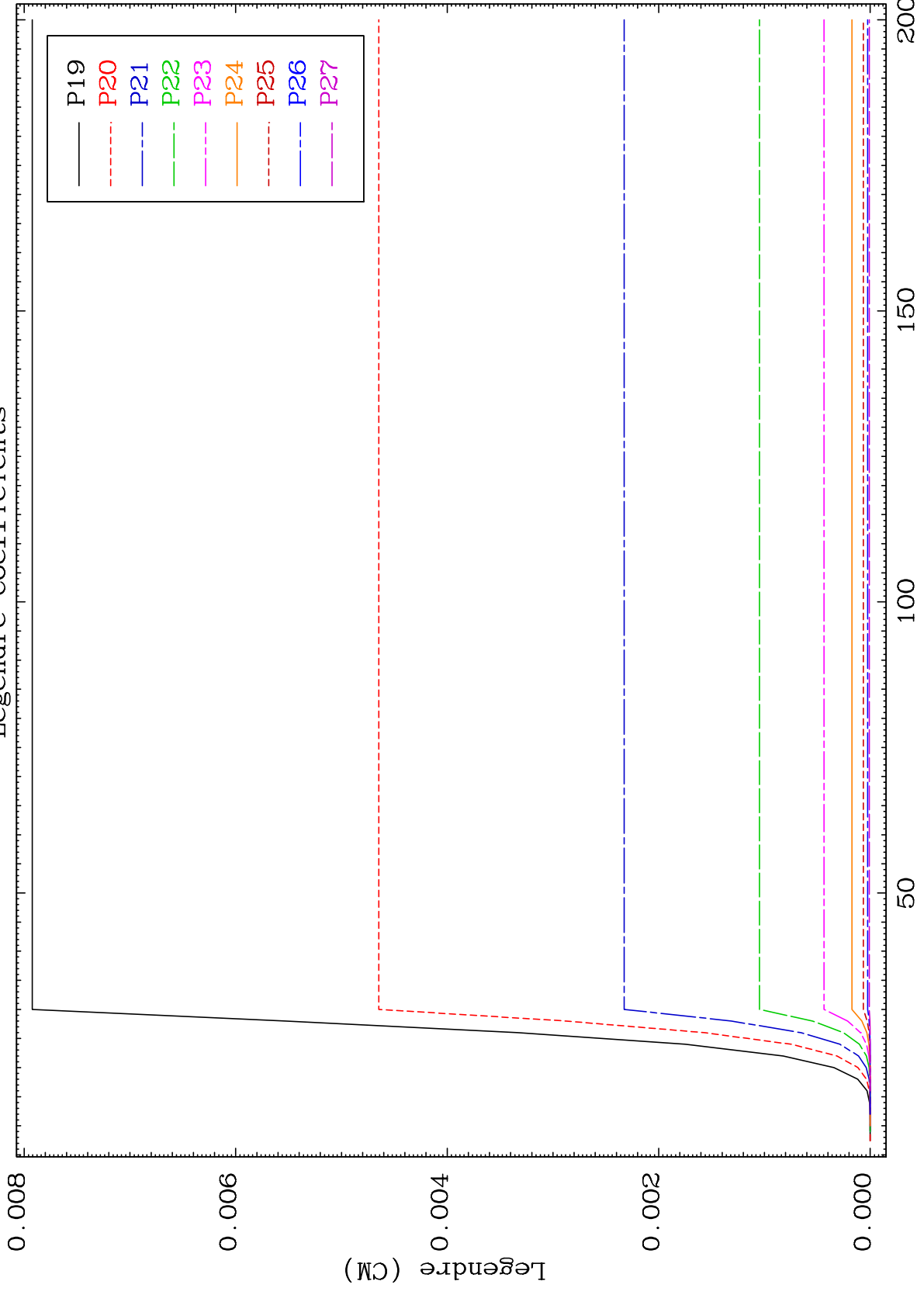


61

Incident Energy (MeV)

52-Te-128

MAT 5249 MT= 62 (n,n') Level Legendre Coefficients 52-Te-128

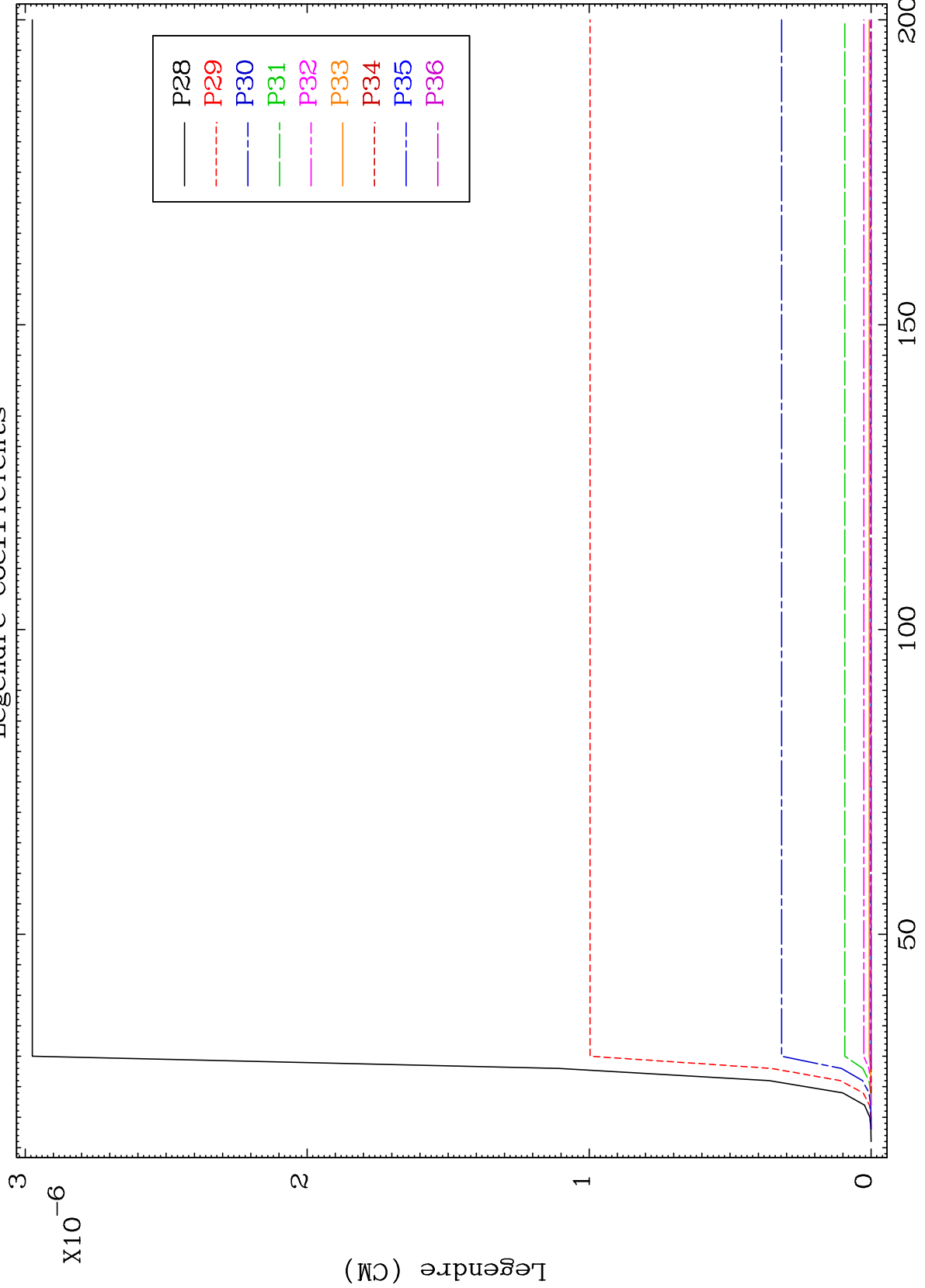


62 Incident Energy (MeV) 52-Te-128

MAT 5249

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

52-Te-128

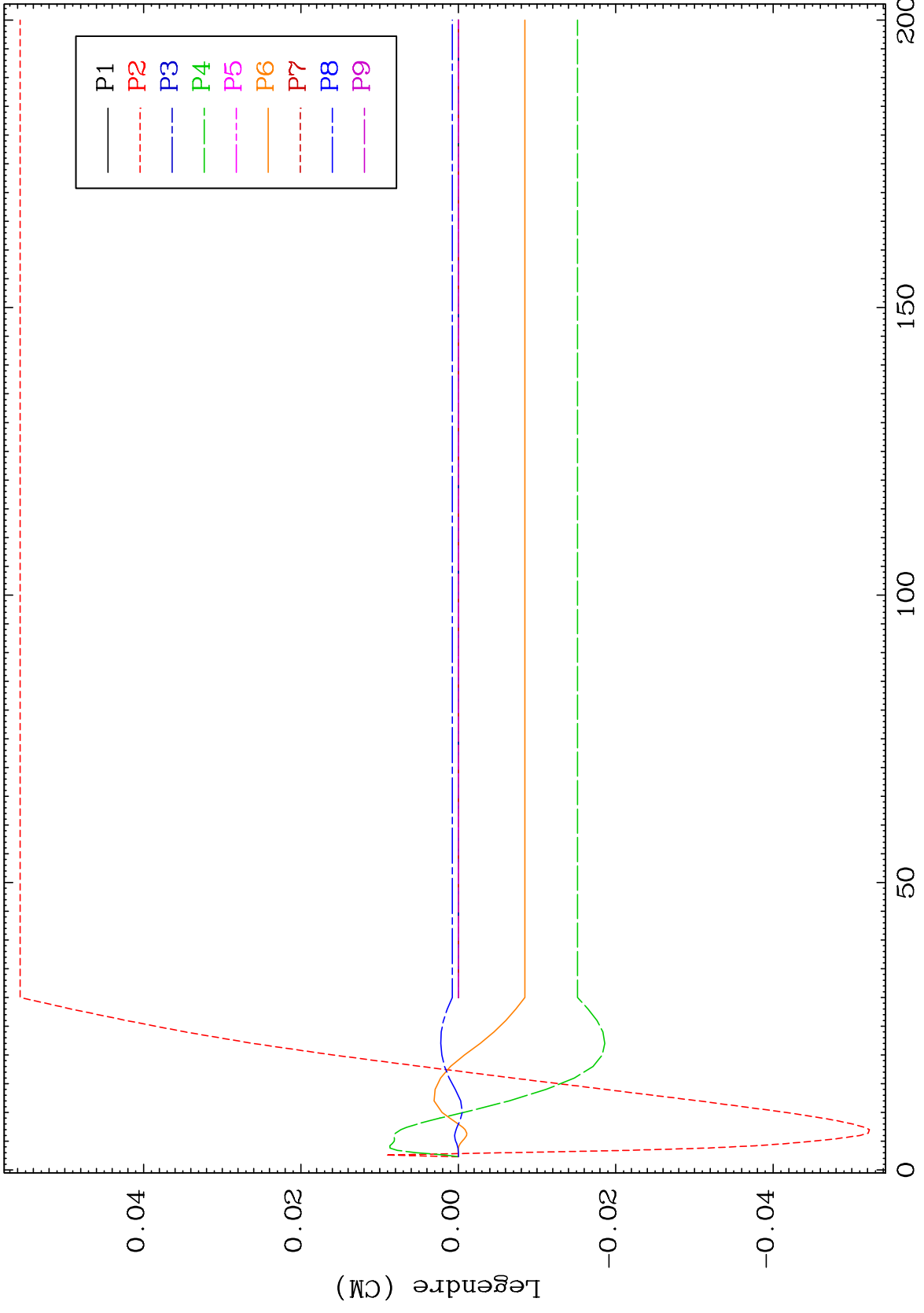


63

Incident Energy (MeV)

52-Te-128

MAT 5249 MT= 63 (n,n') Level Legendre Coefficients 52-Te-128

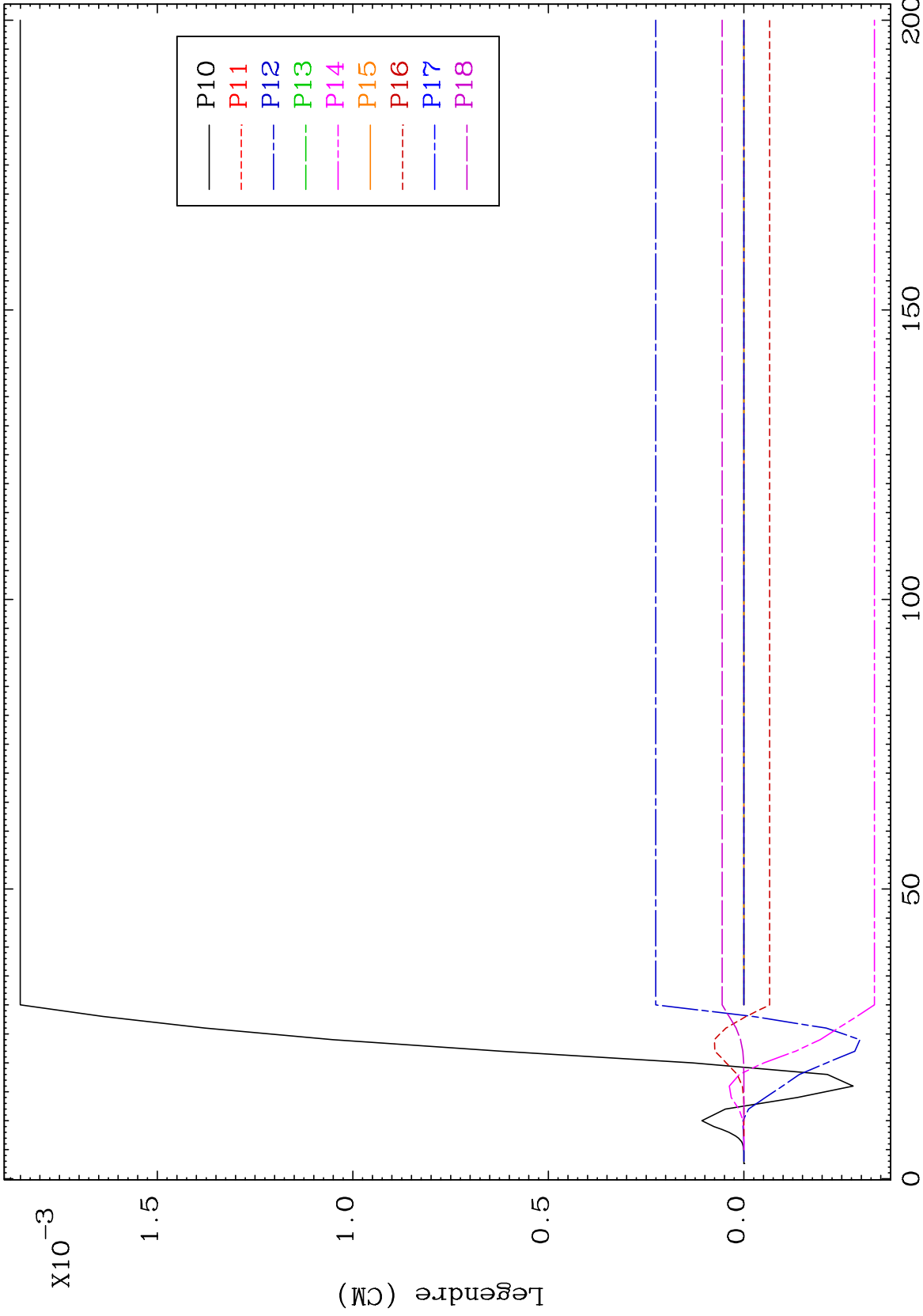


64 Incident Energy (MeV) 52-Te-128

MAT 5249

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

52-Te-128



65

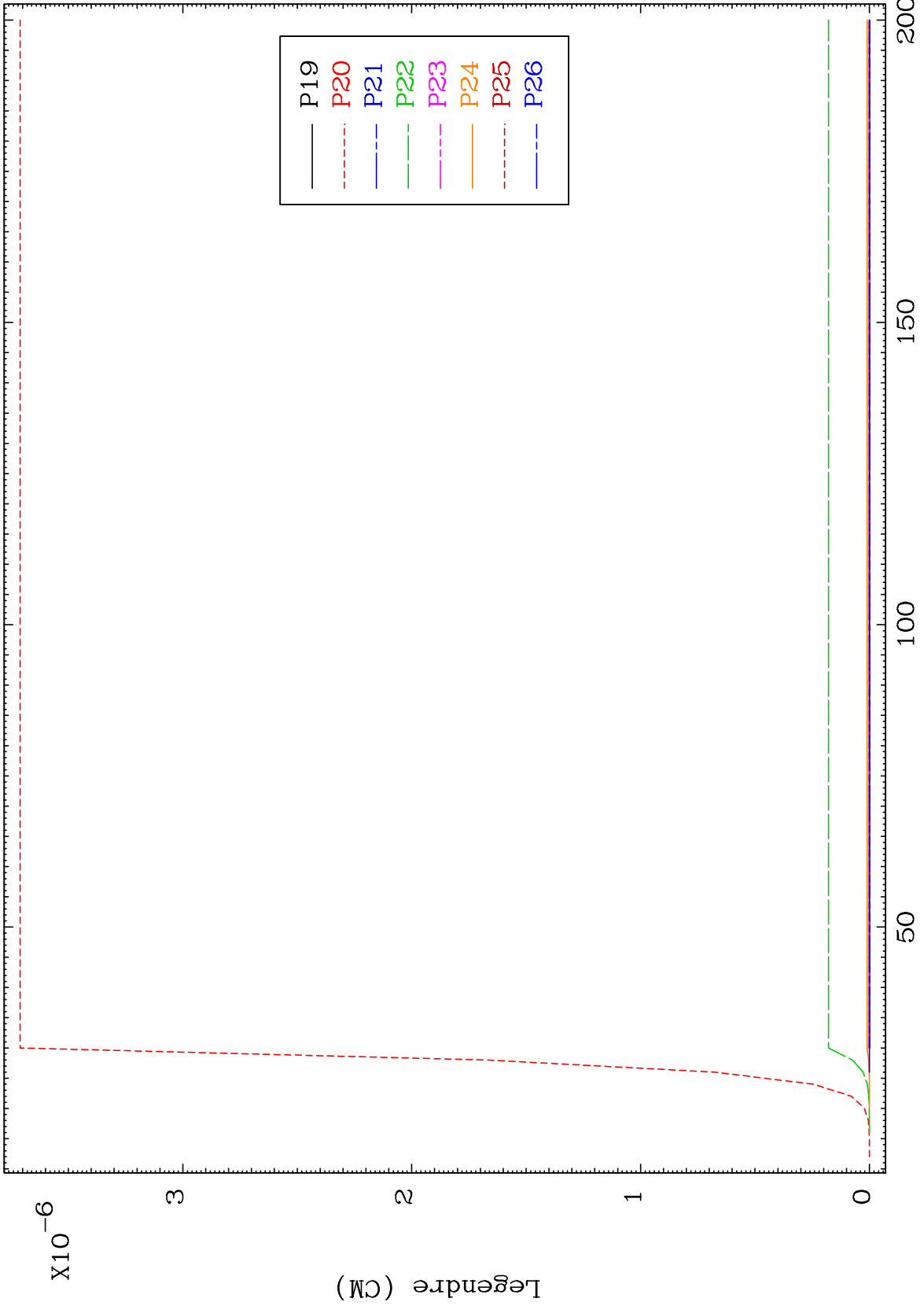
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128

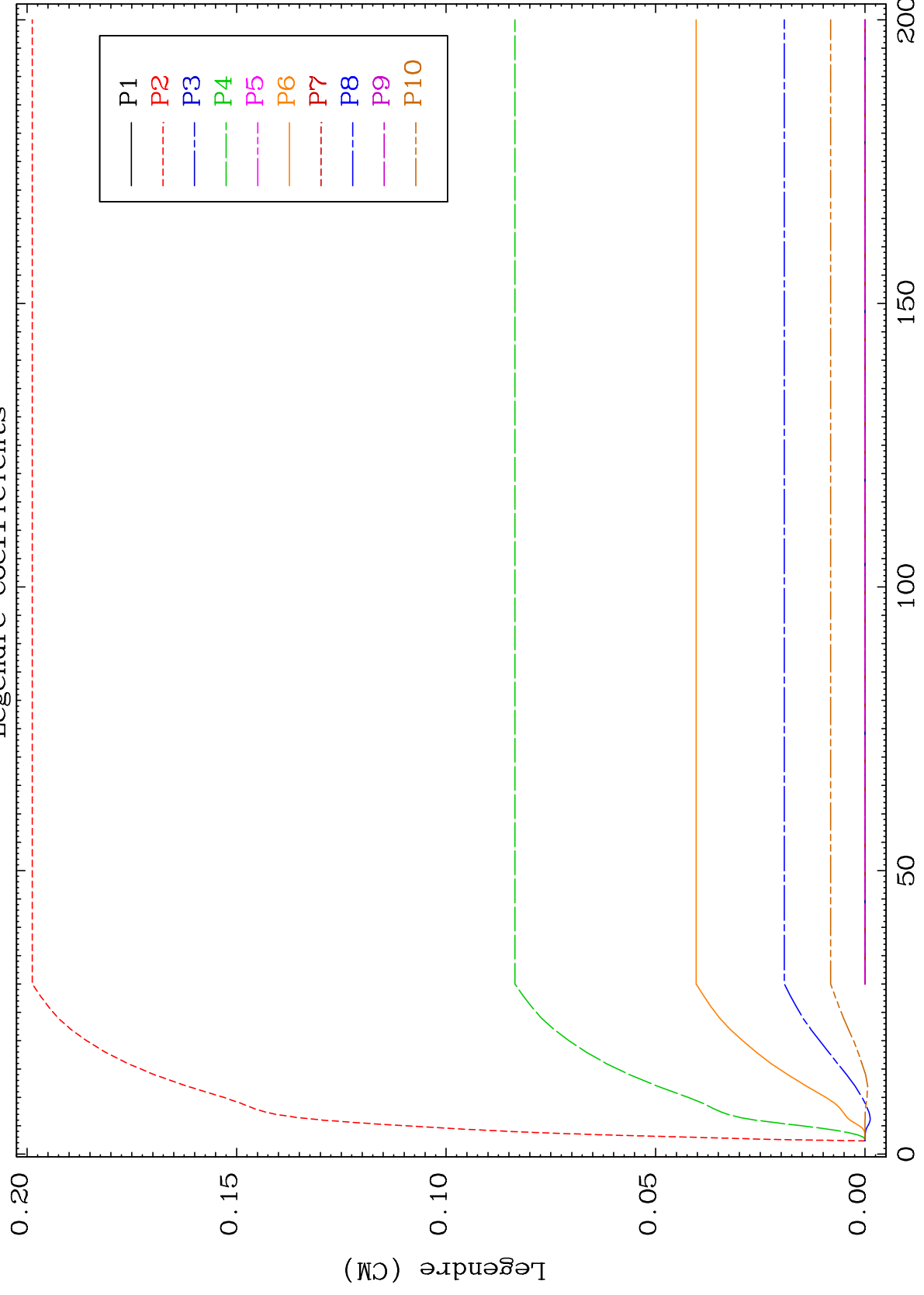


66

Incident Energy (MeV)

52-Te-128

MAT 5249 MT= 64 (n,n') Level Legendre Coefficients 52-Te-128

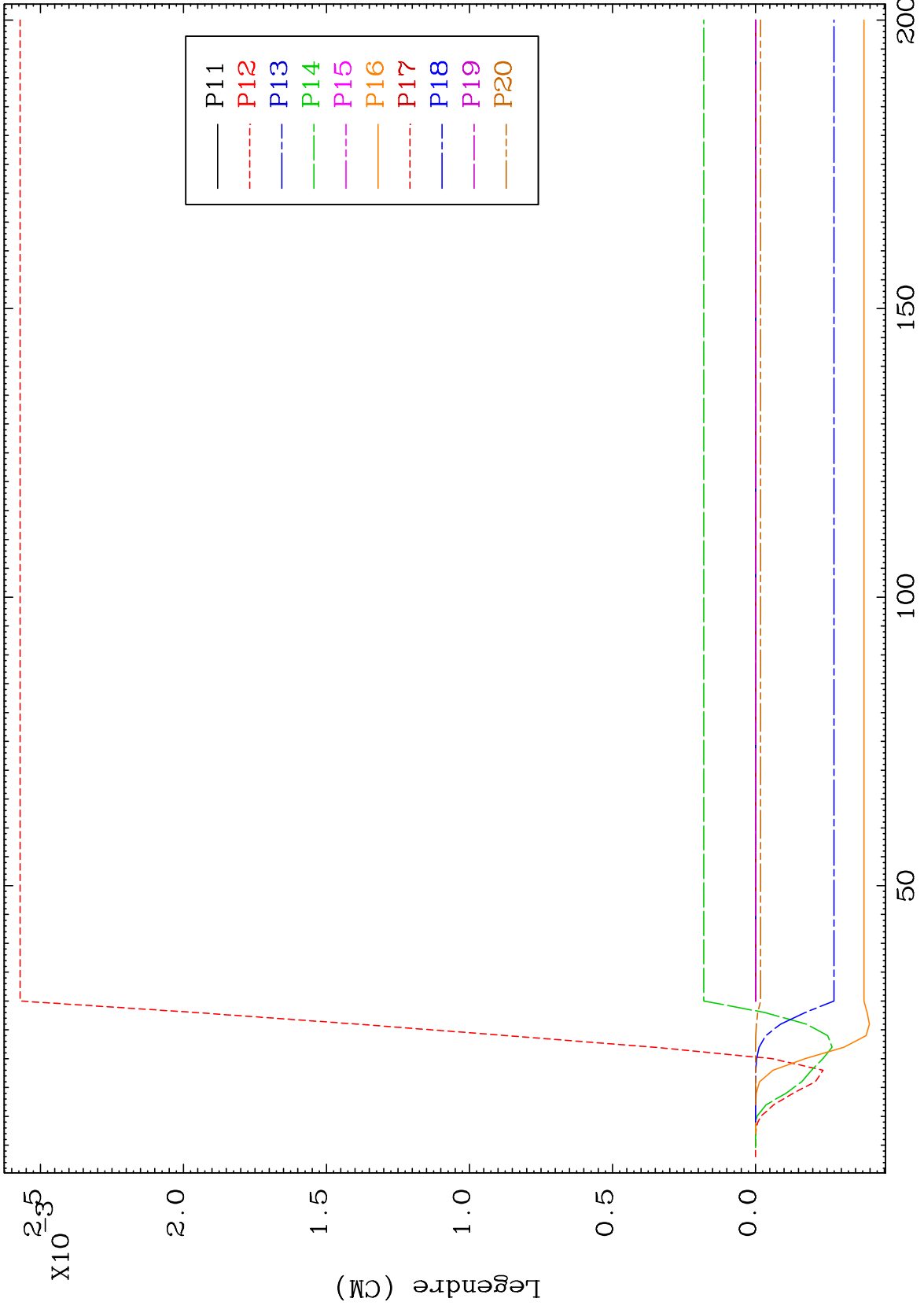


67 52-Te-128

MAT 5249

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

52-Te-128



68

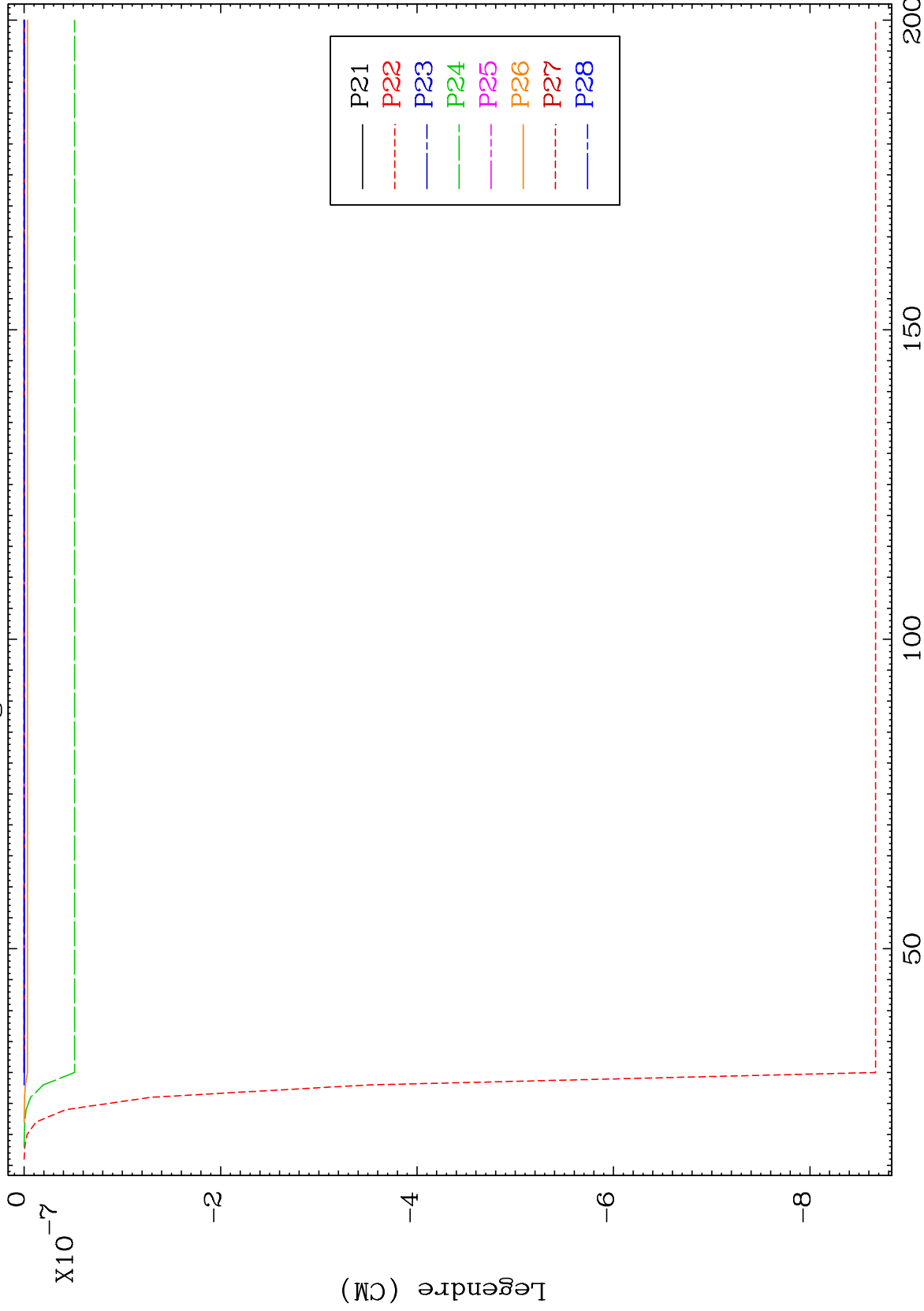
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



69

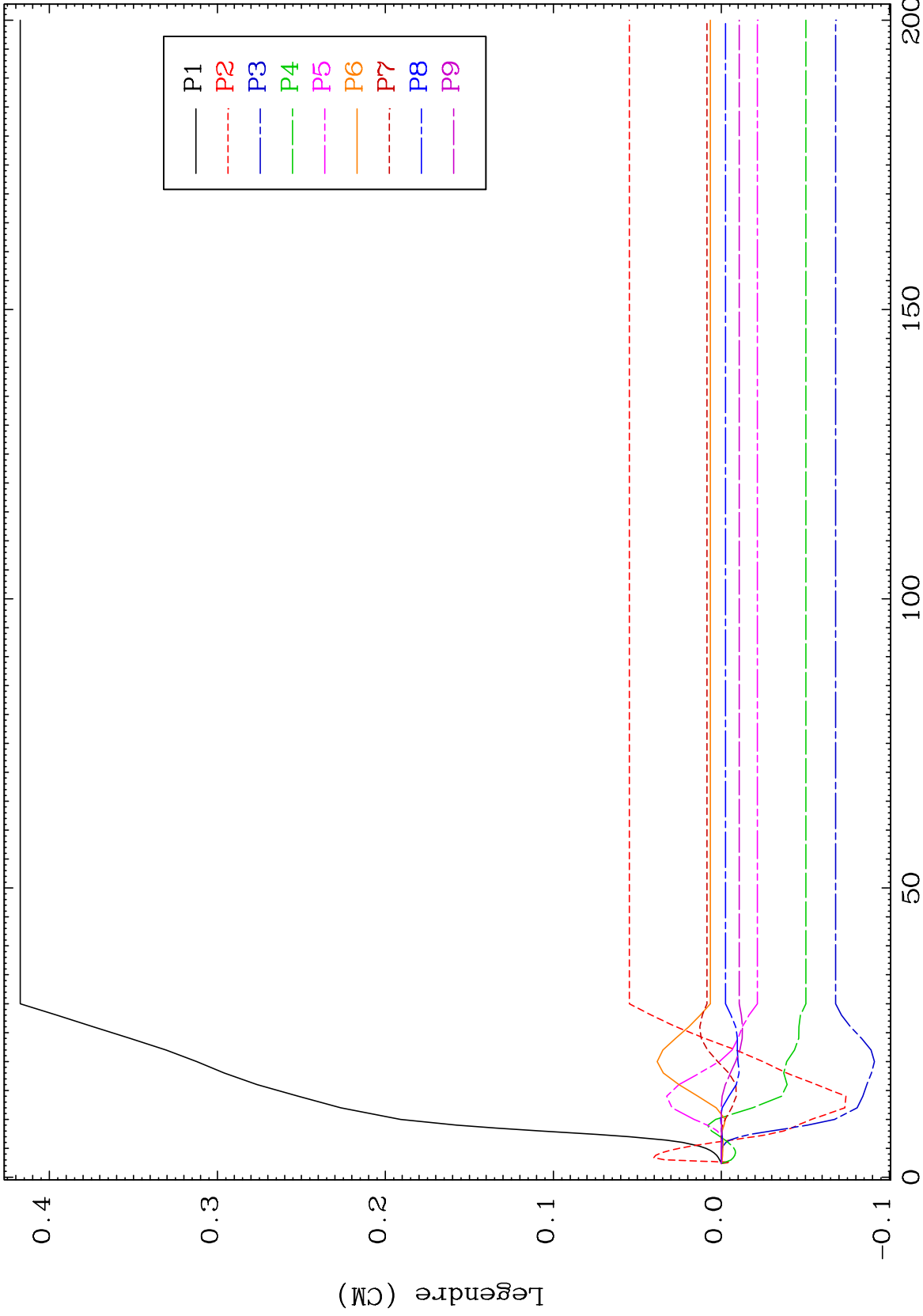
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



70

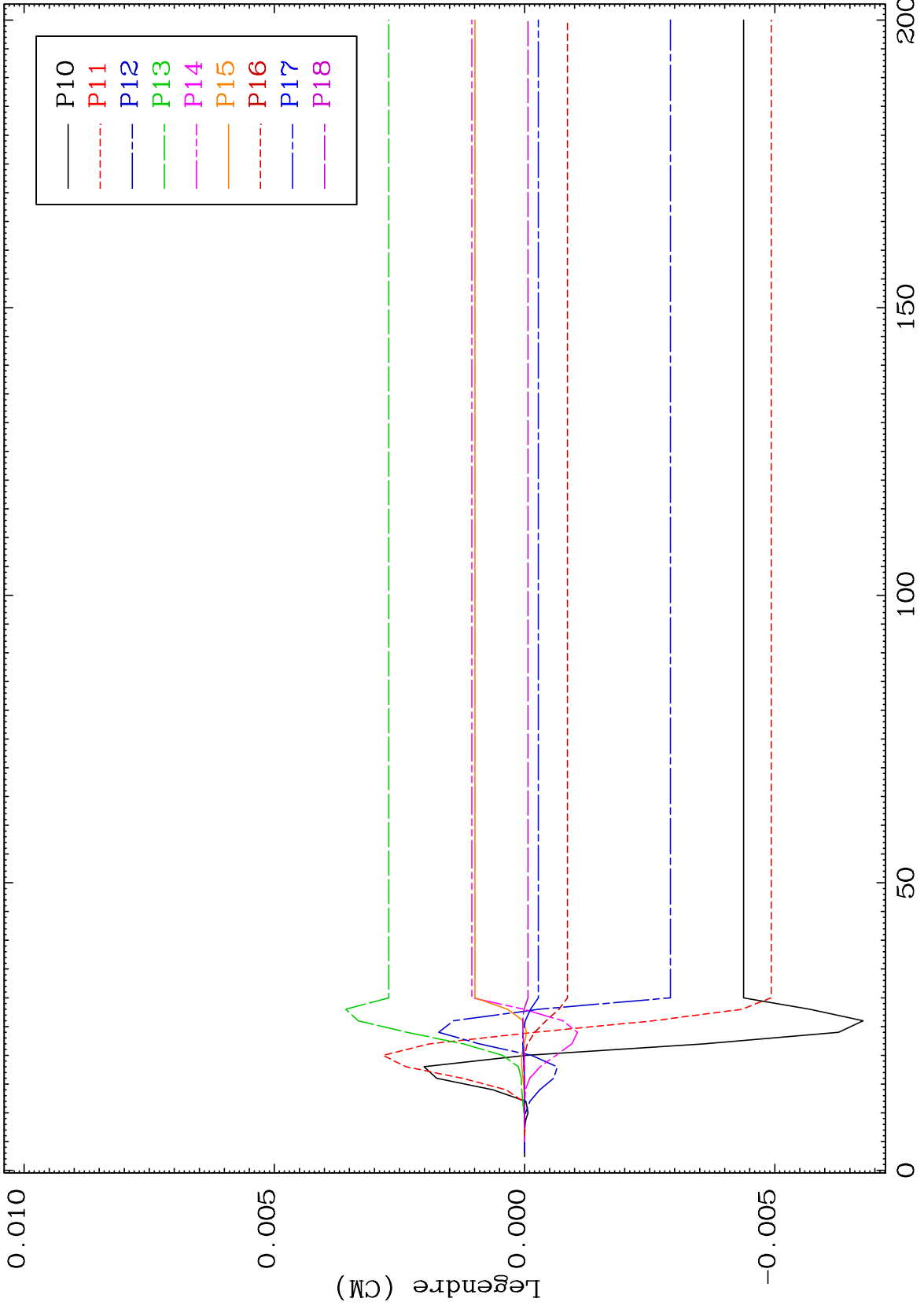
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



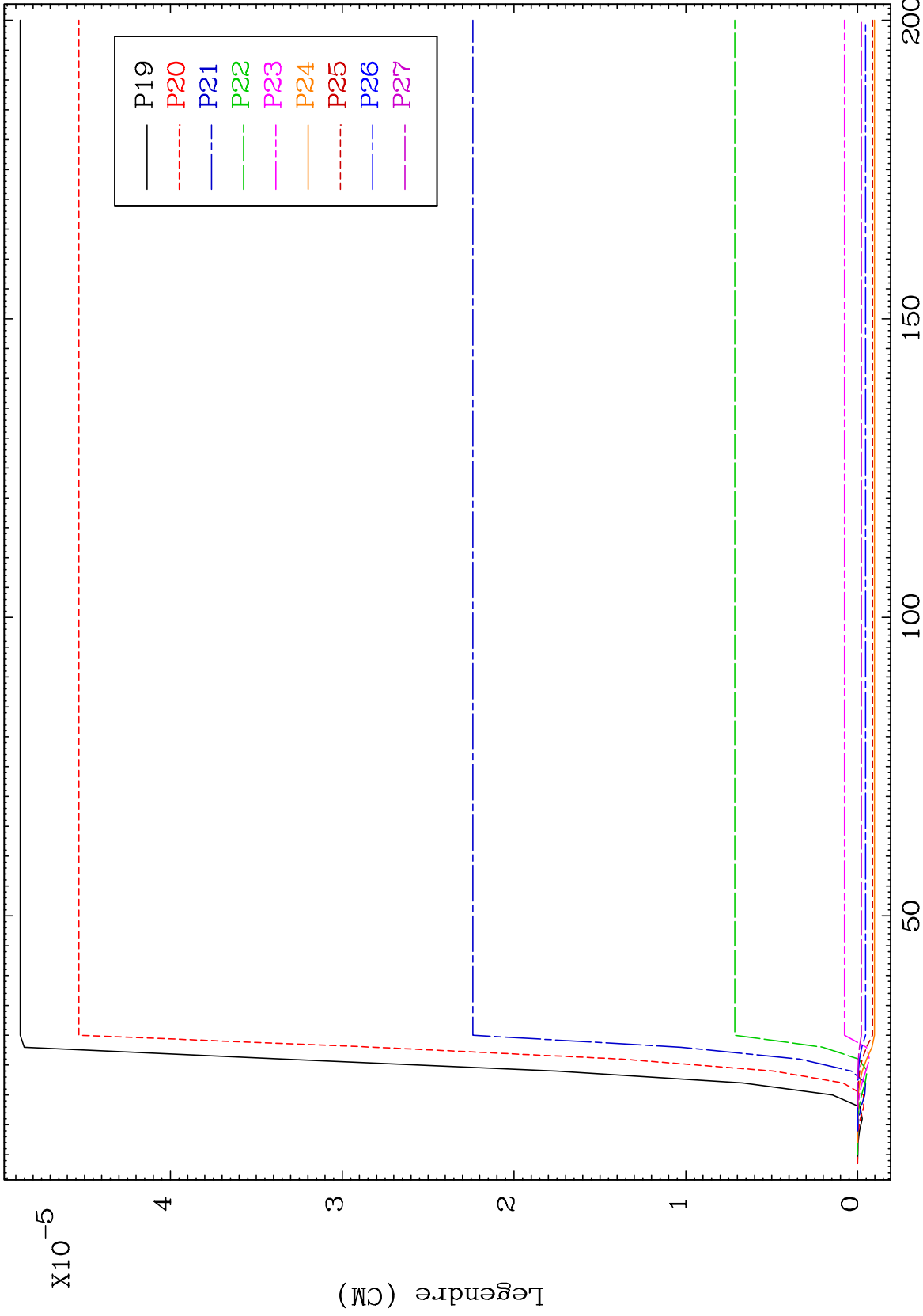
71

52-Te-128

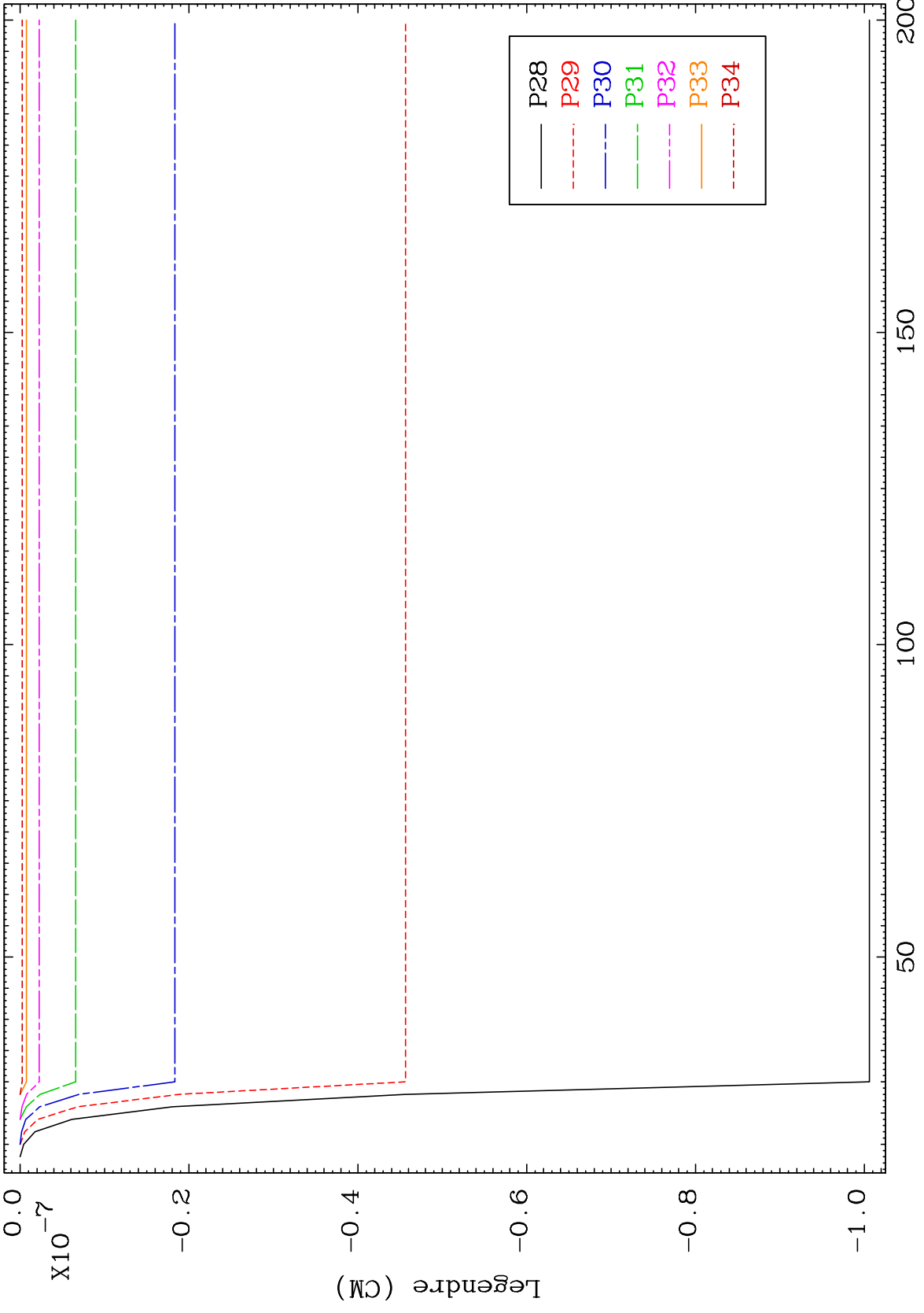
MAT 5249

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

52-Te-128



MAT 5249 MT= 65 (n,n') Level Legendre Coefficients 52-Te-128

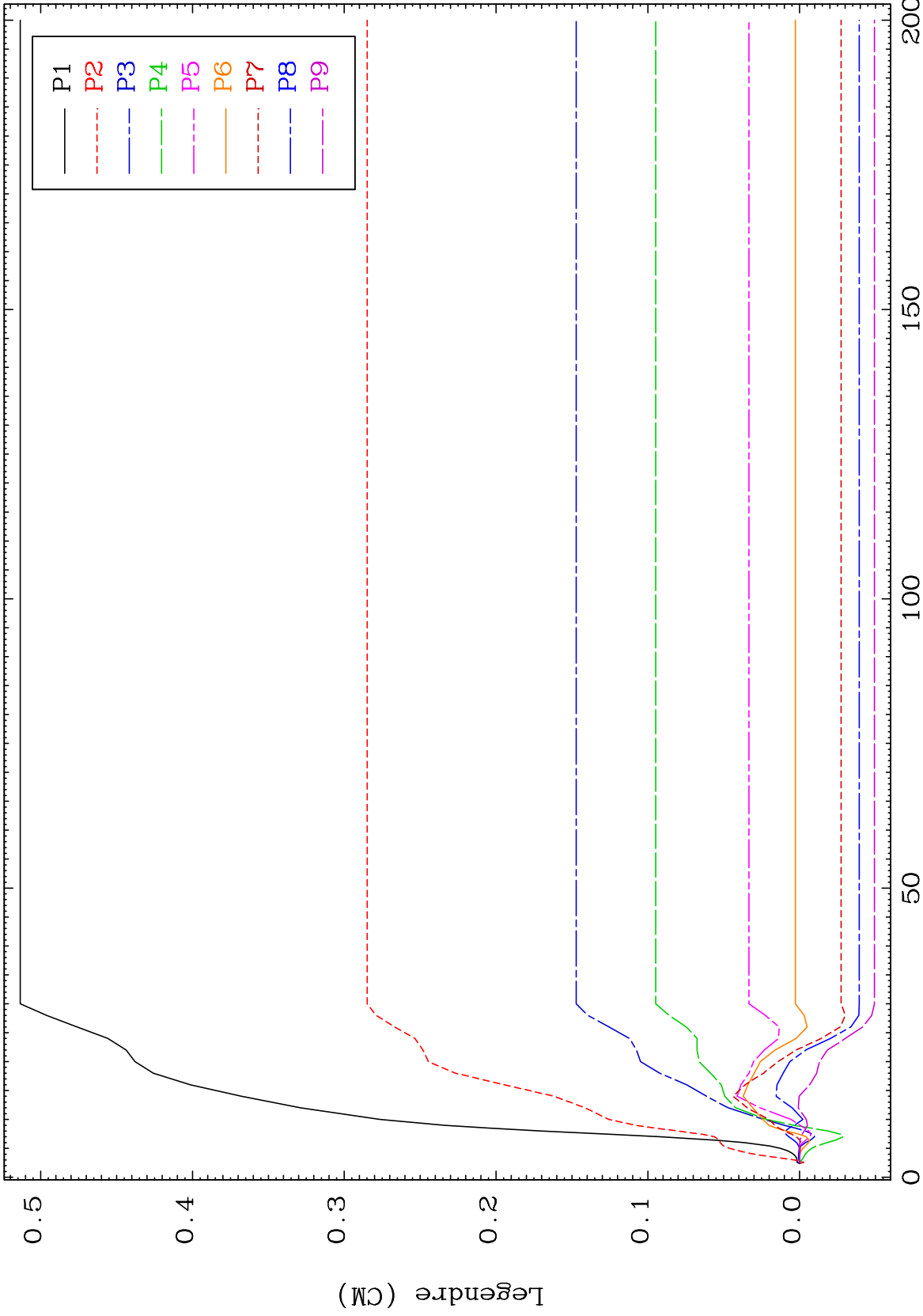


73 Incident Energy (MeV) 52-Te-128

MAT 5249

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

52-Te-128



74

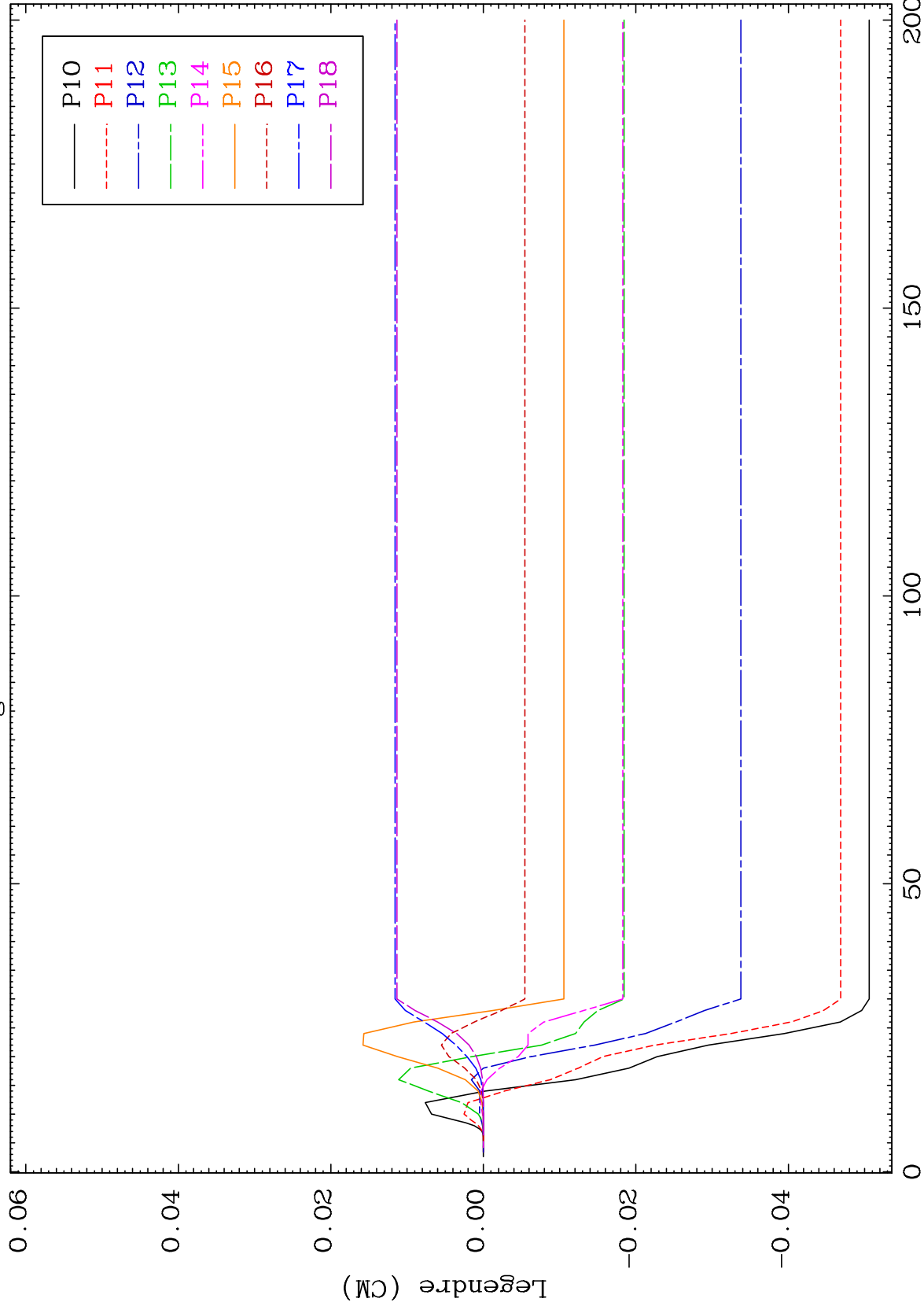
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



75

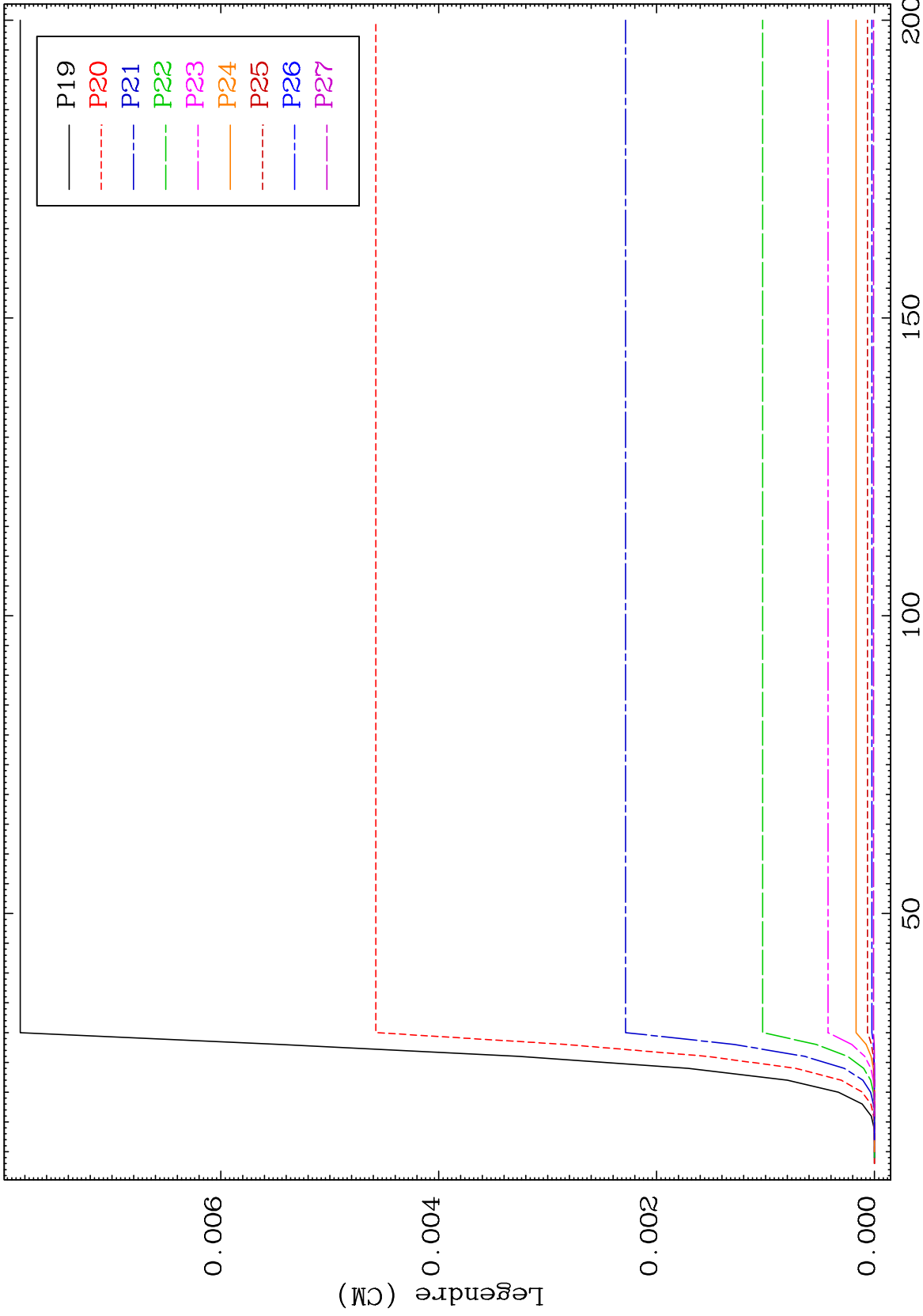
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



76

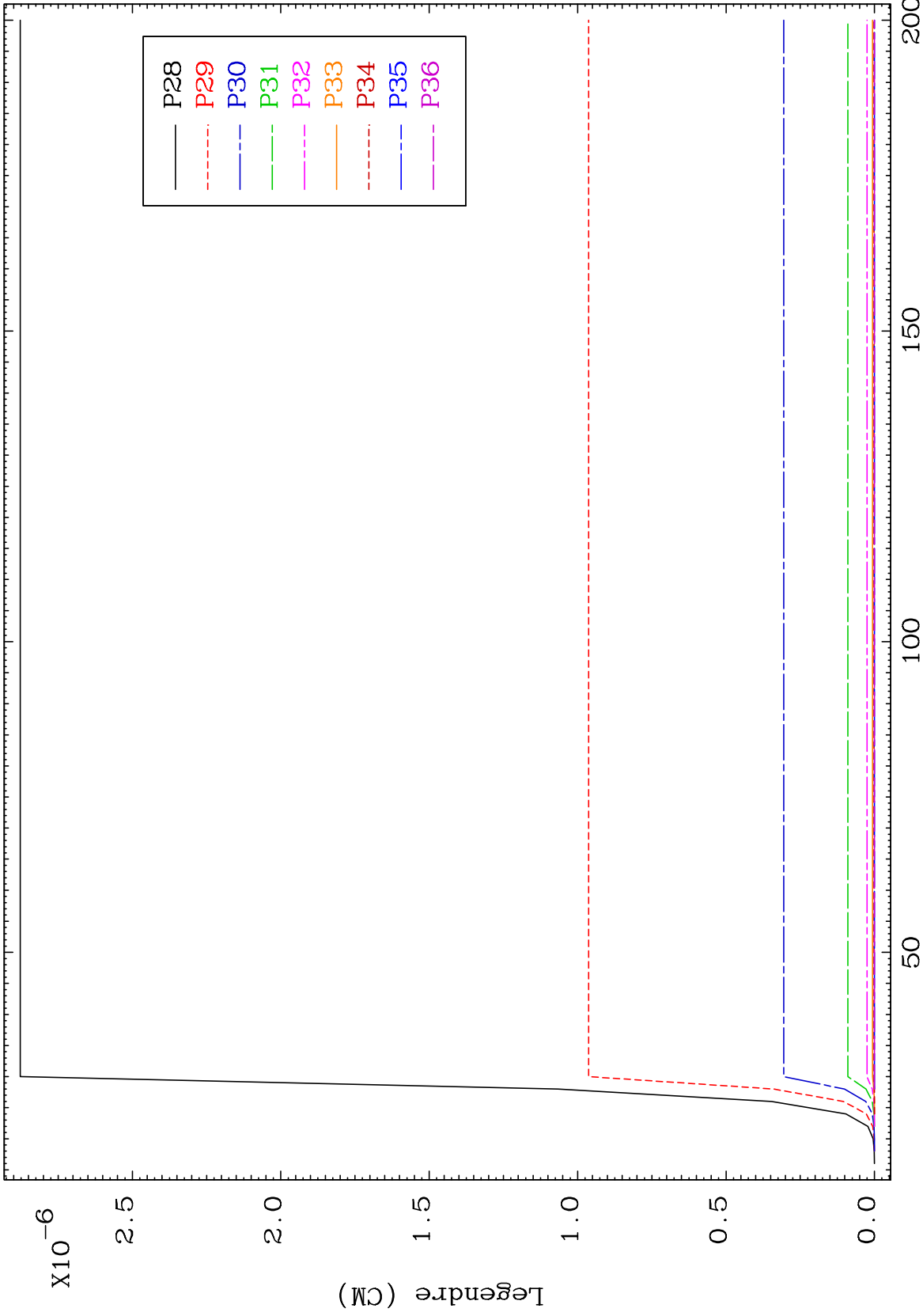
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



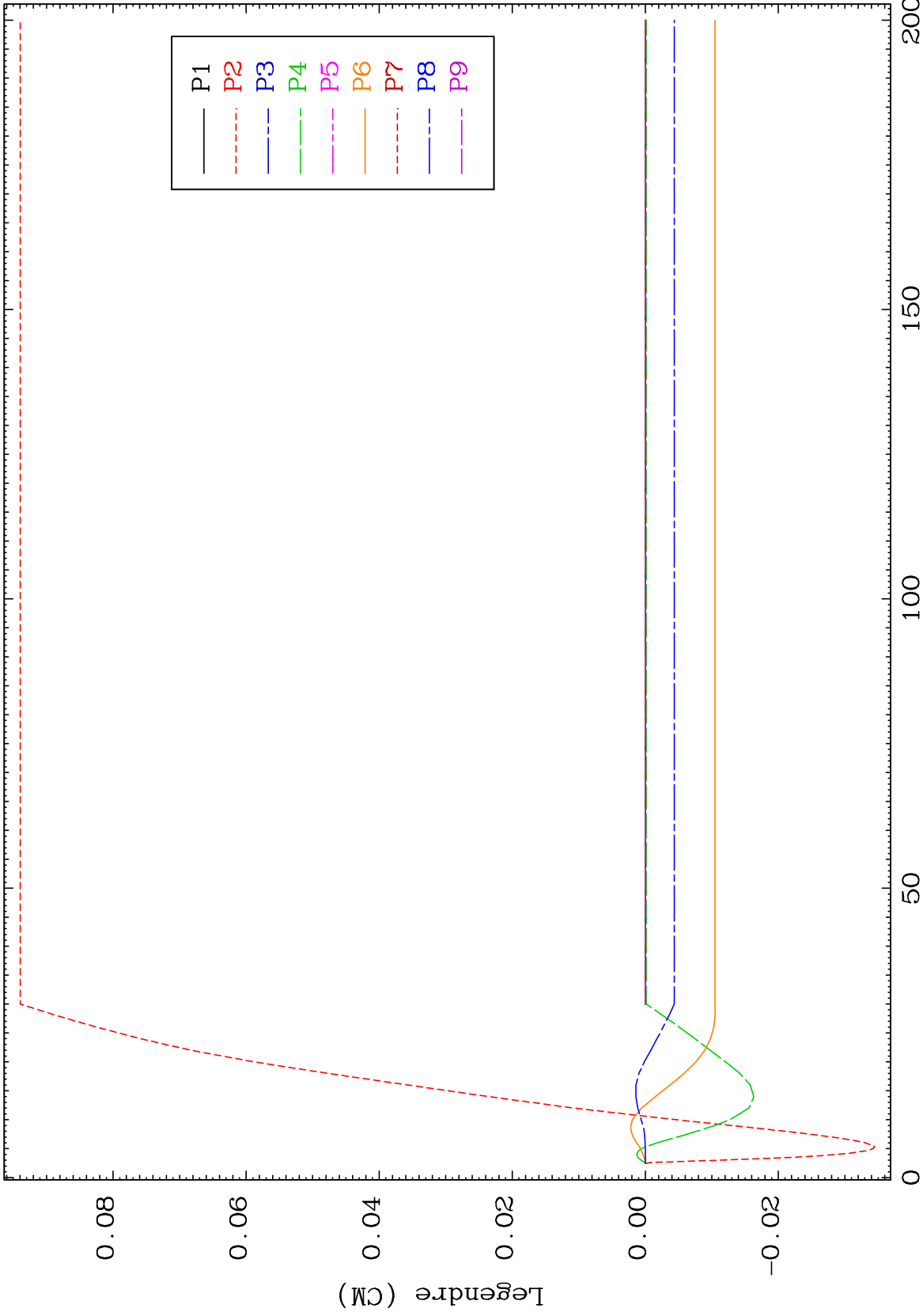
77

52-Te-128

MAT 5249

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

52-Te-128



78

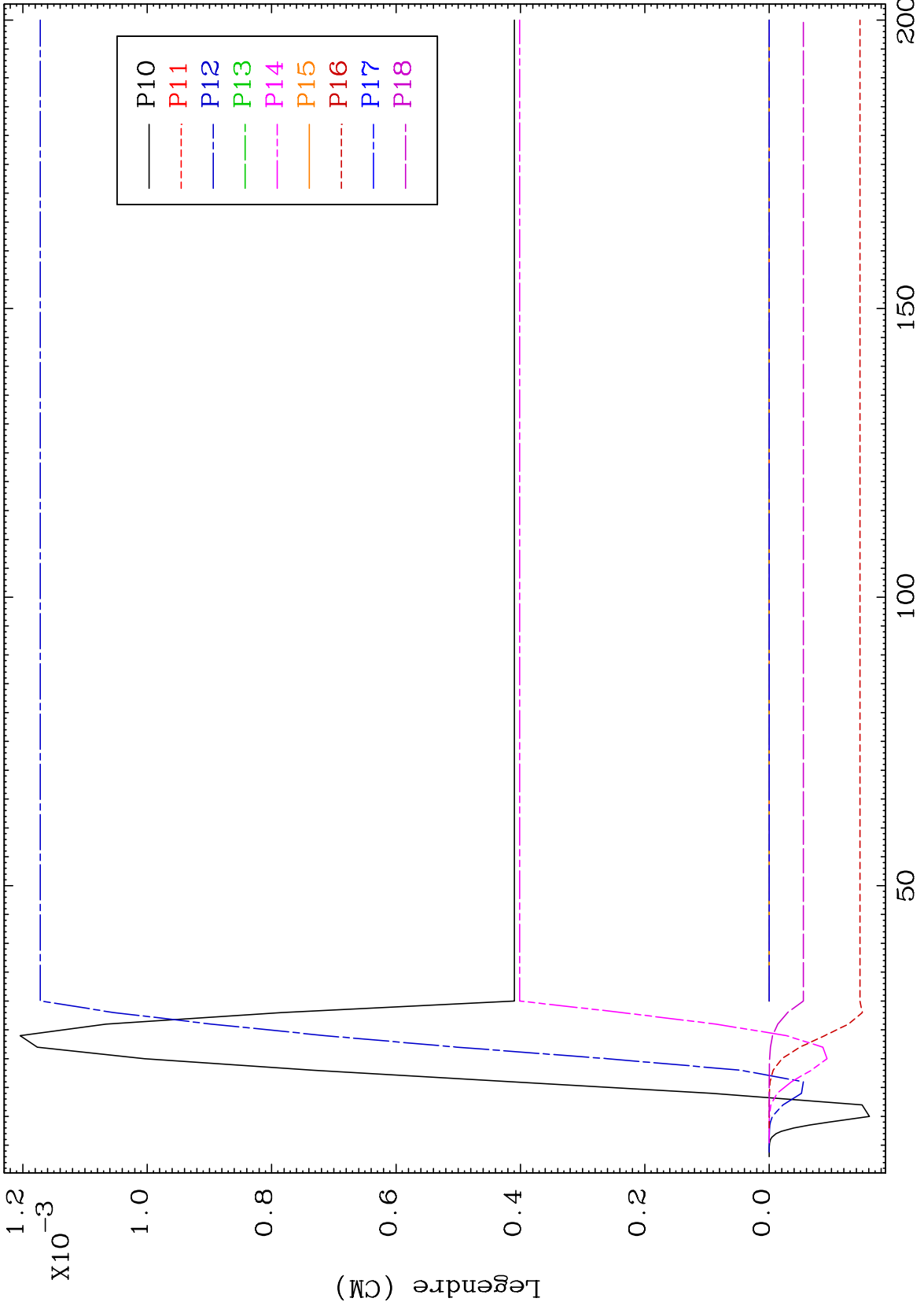
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



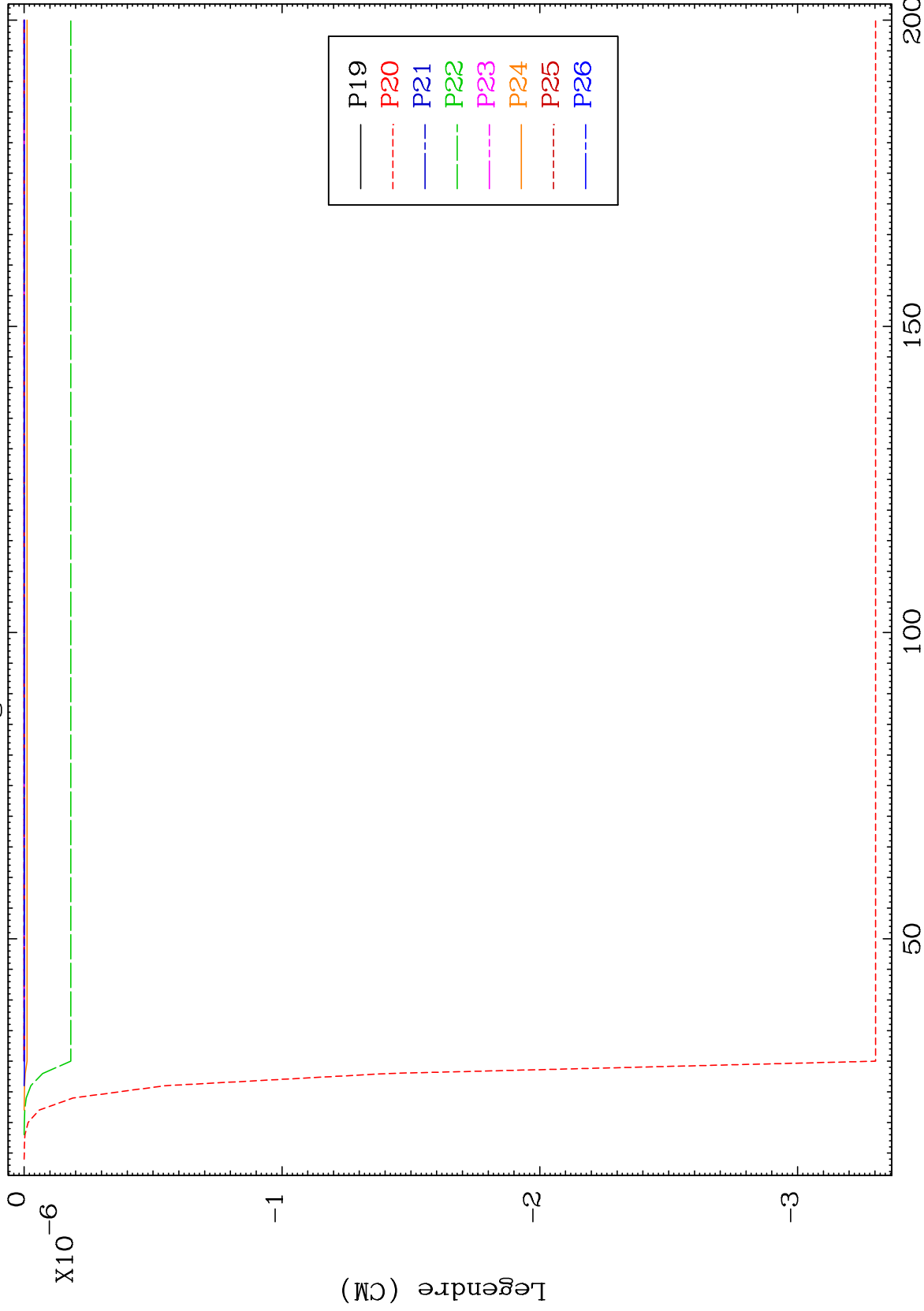
79

52-Te-128

MAT 5249

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

52-Te-128



80

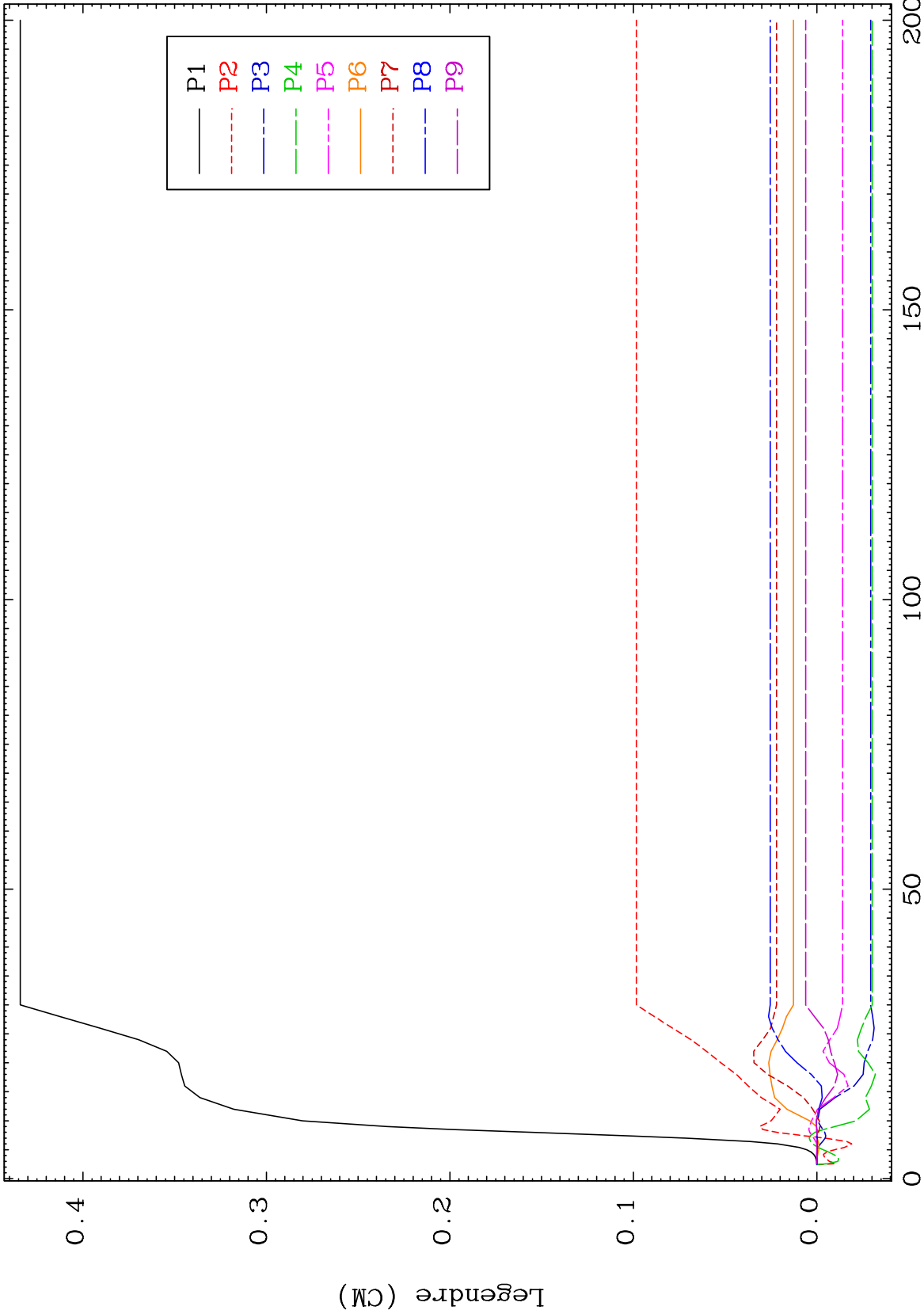
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



81

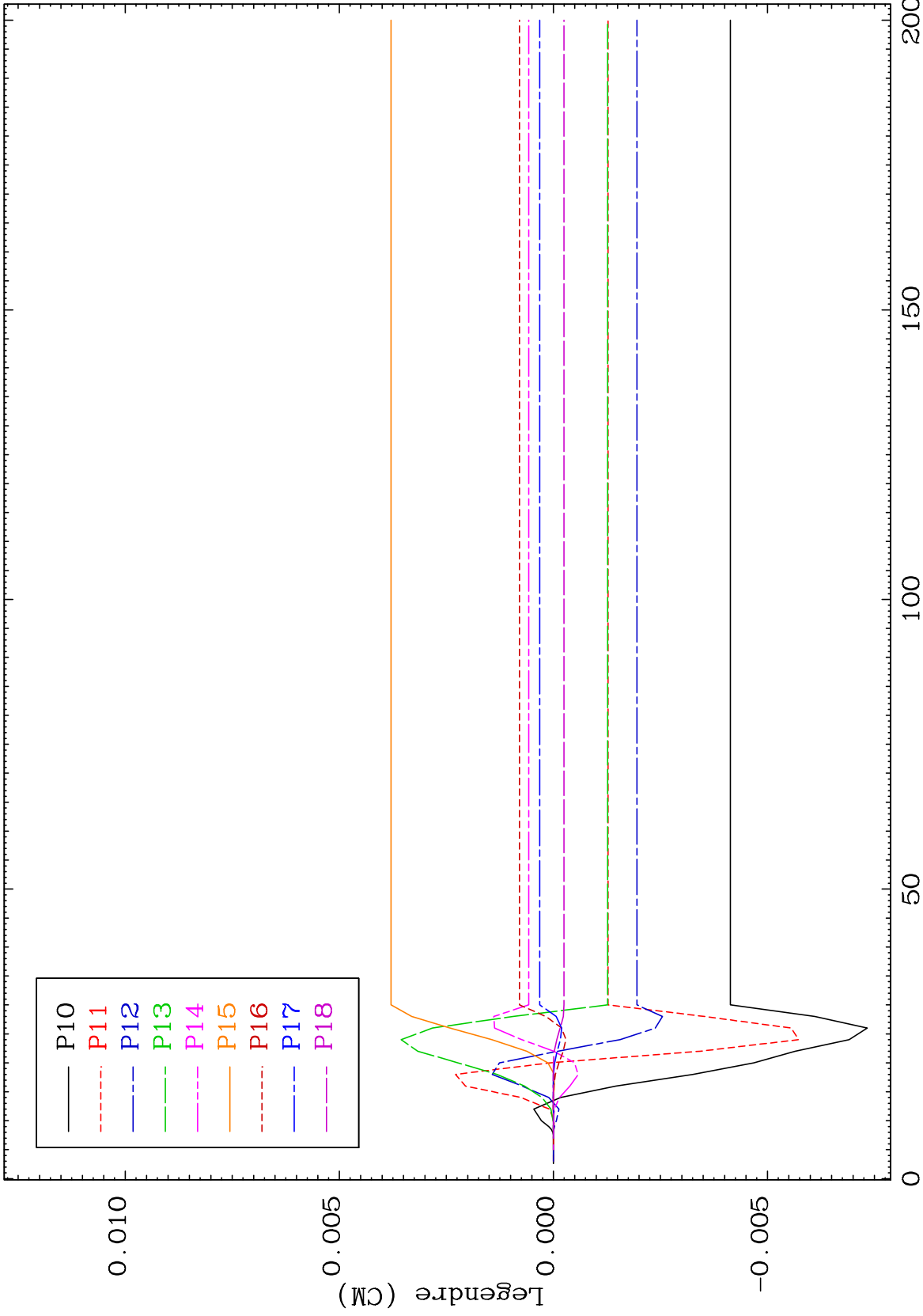
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



82

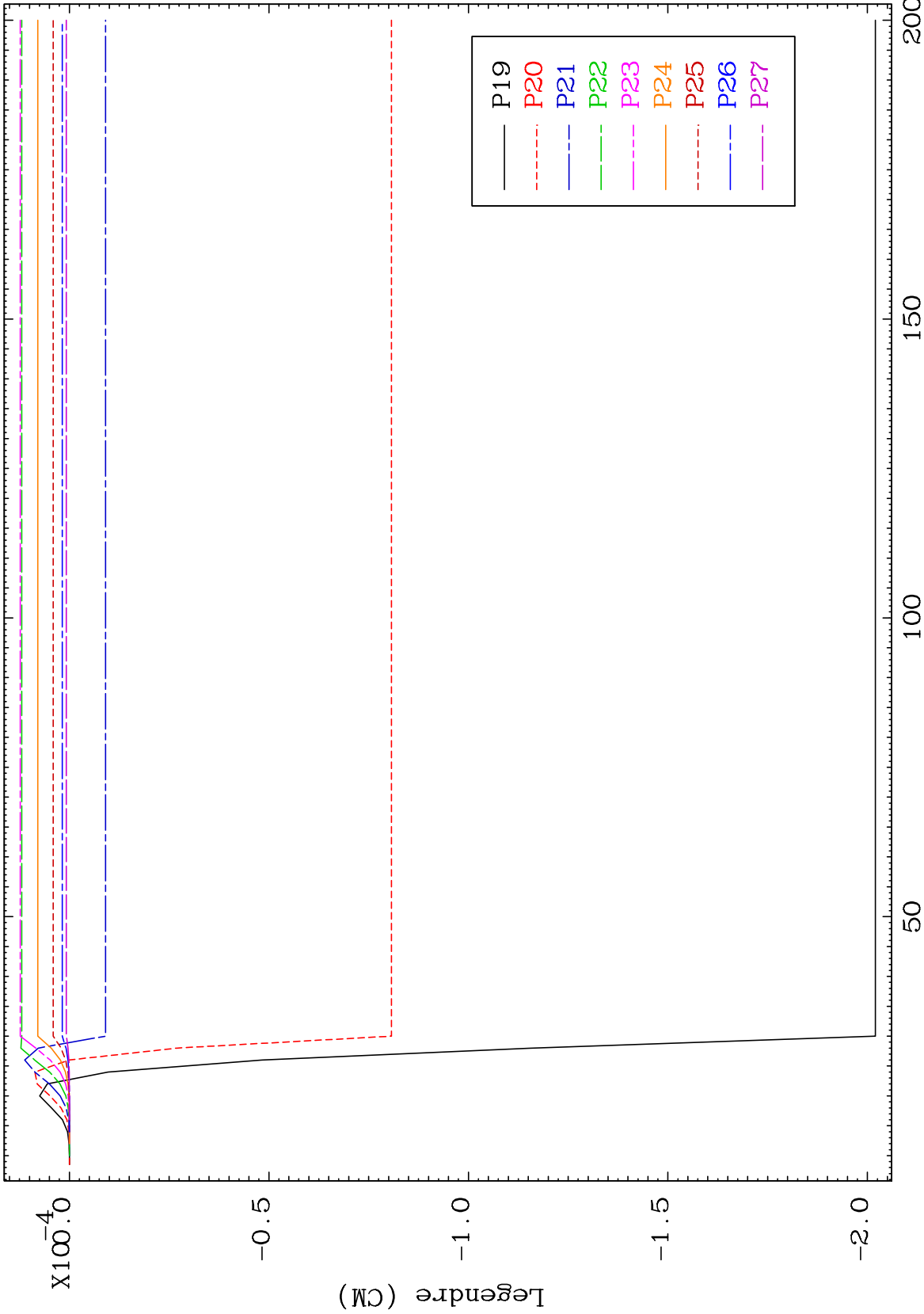
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



52-Te-128

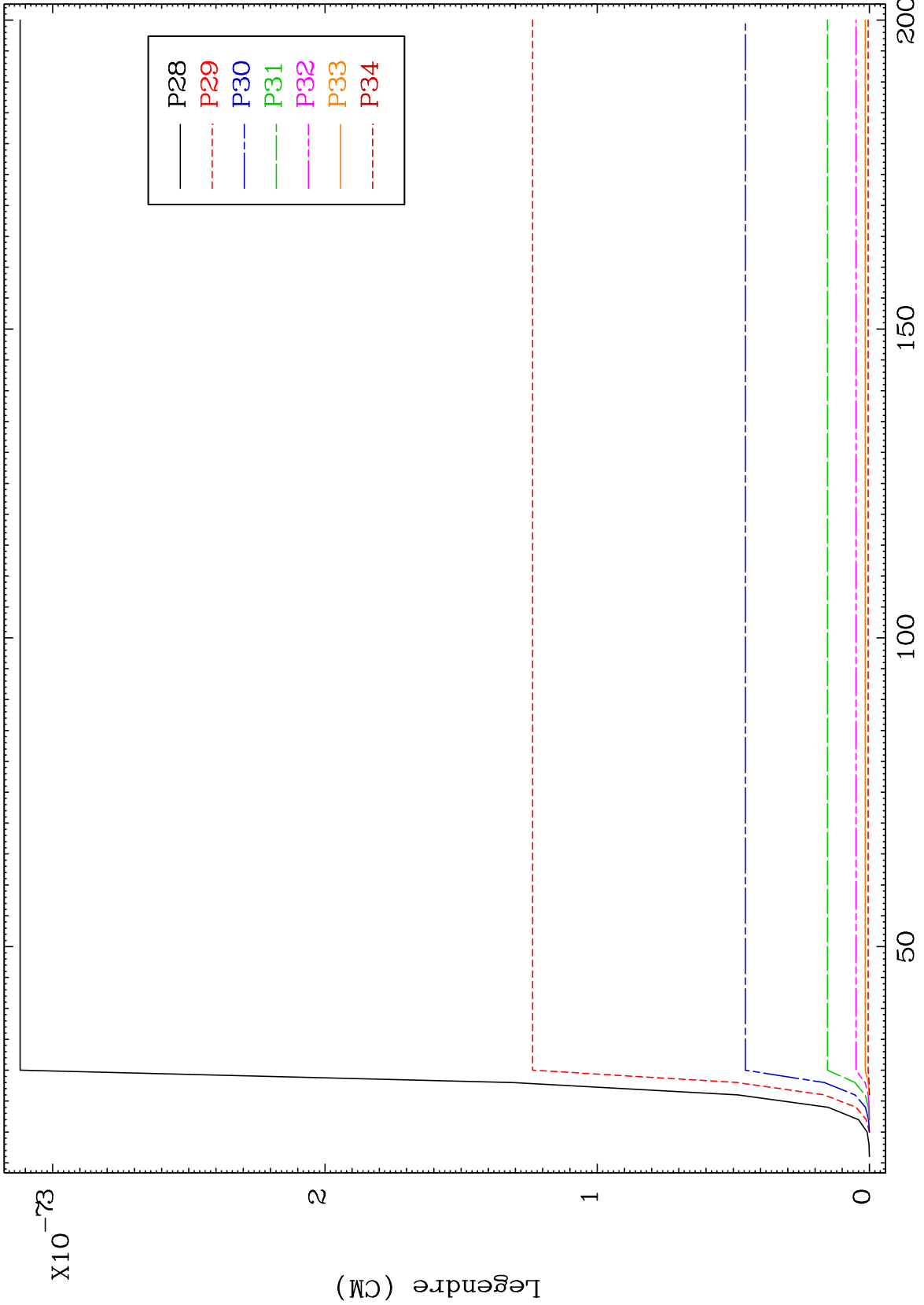
Incident Energy (MeV)

83

MAT 5249

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

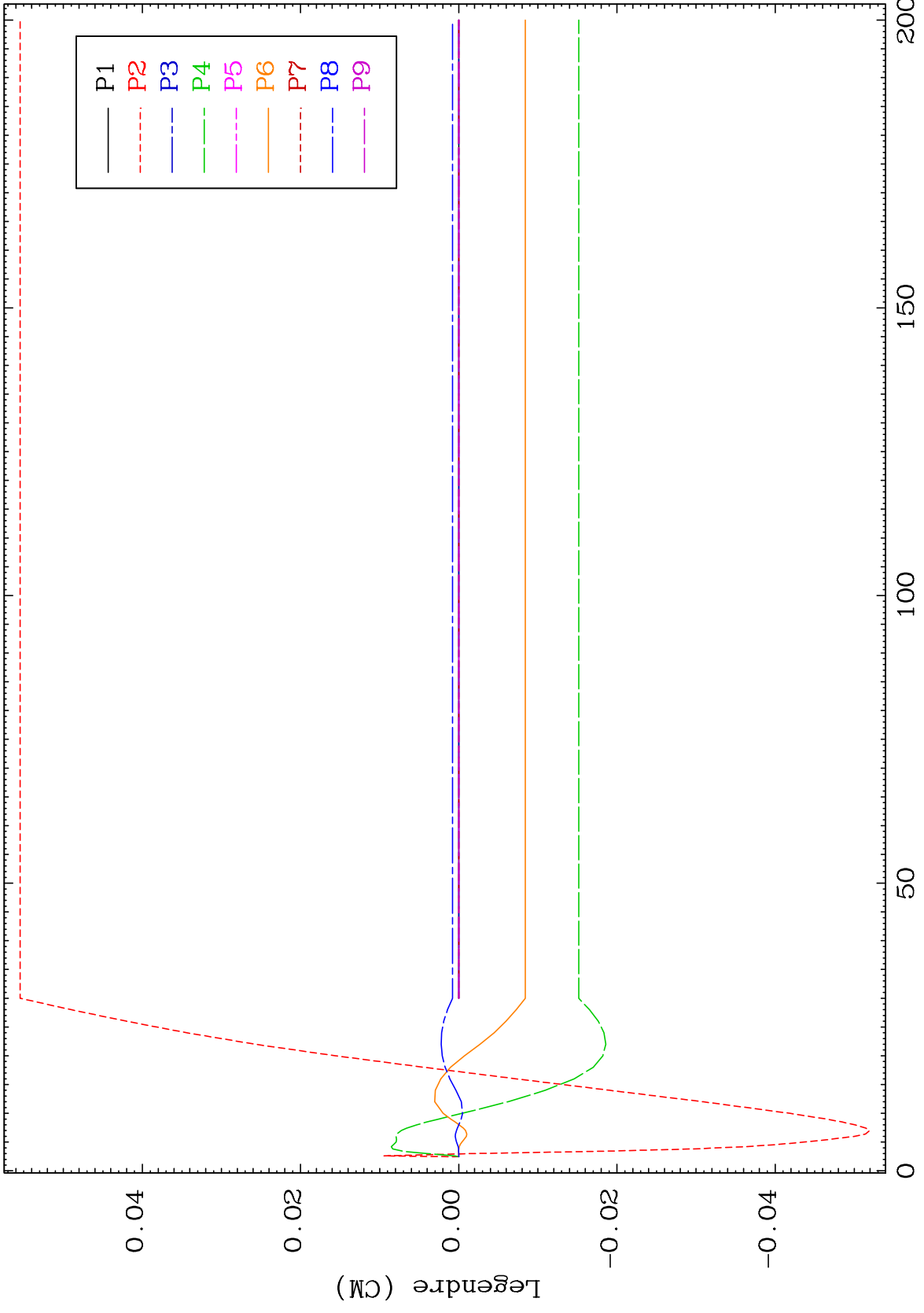
52-Te-128



84

52-Te-128

MAT 5249 MT= 69 (n,n') Level Legendre Coefficients 52-Te-128

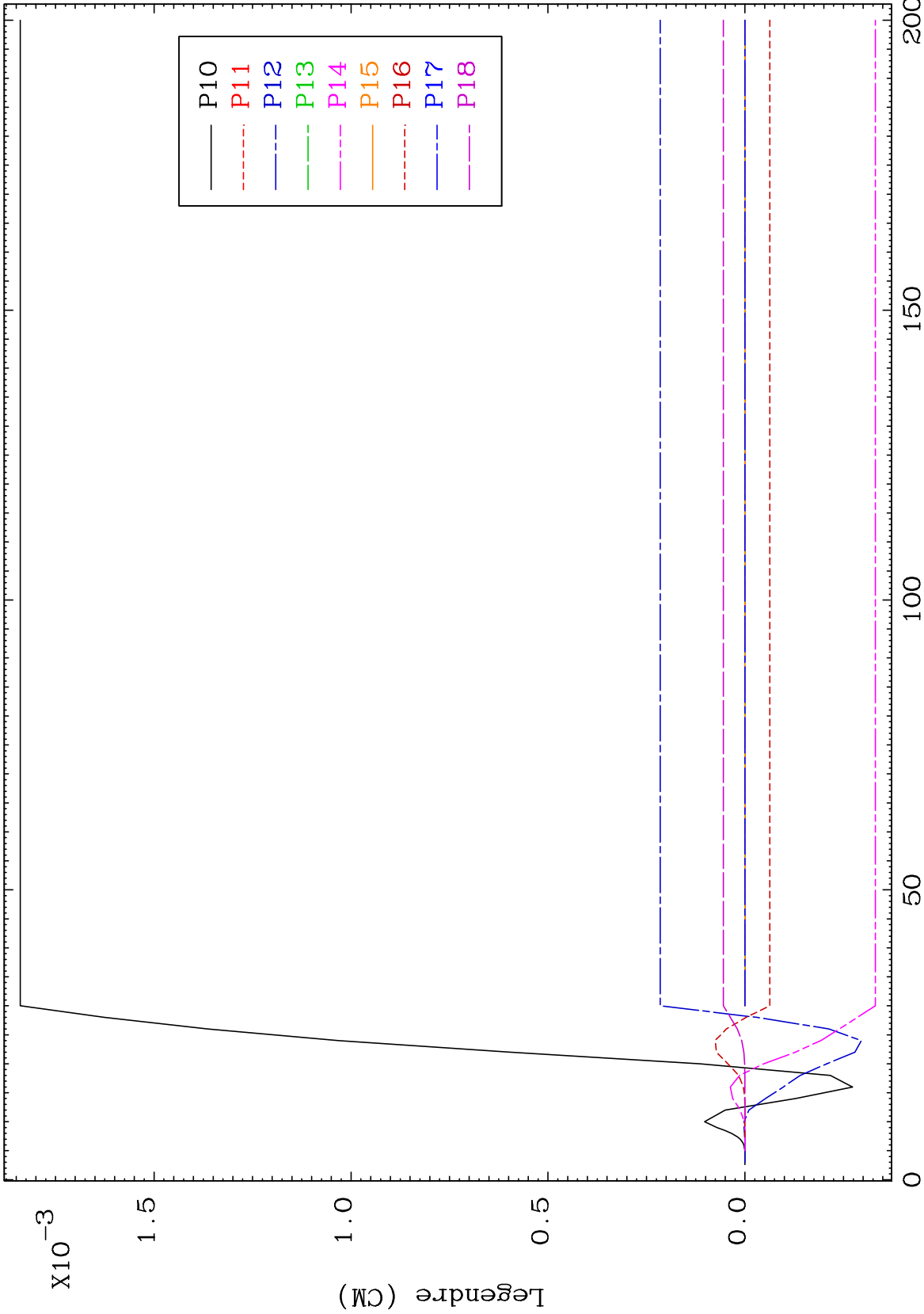


85 Incident Energy (MeV) 52-Te-128

MAT 5249

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

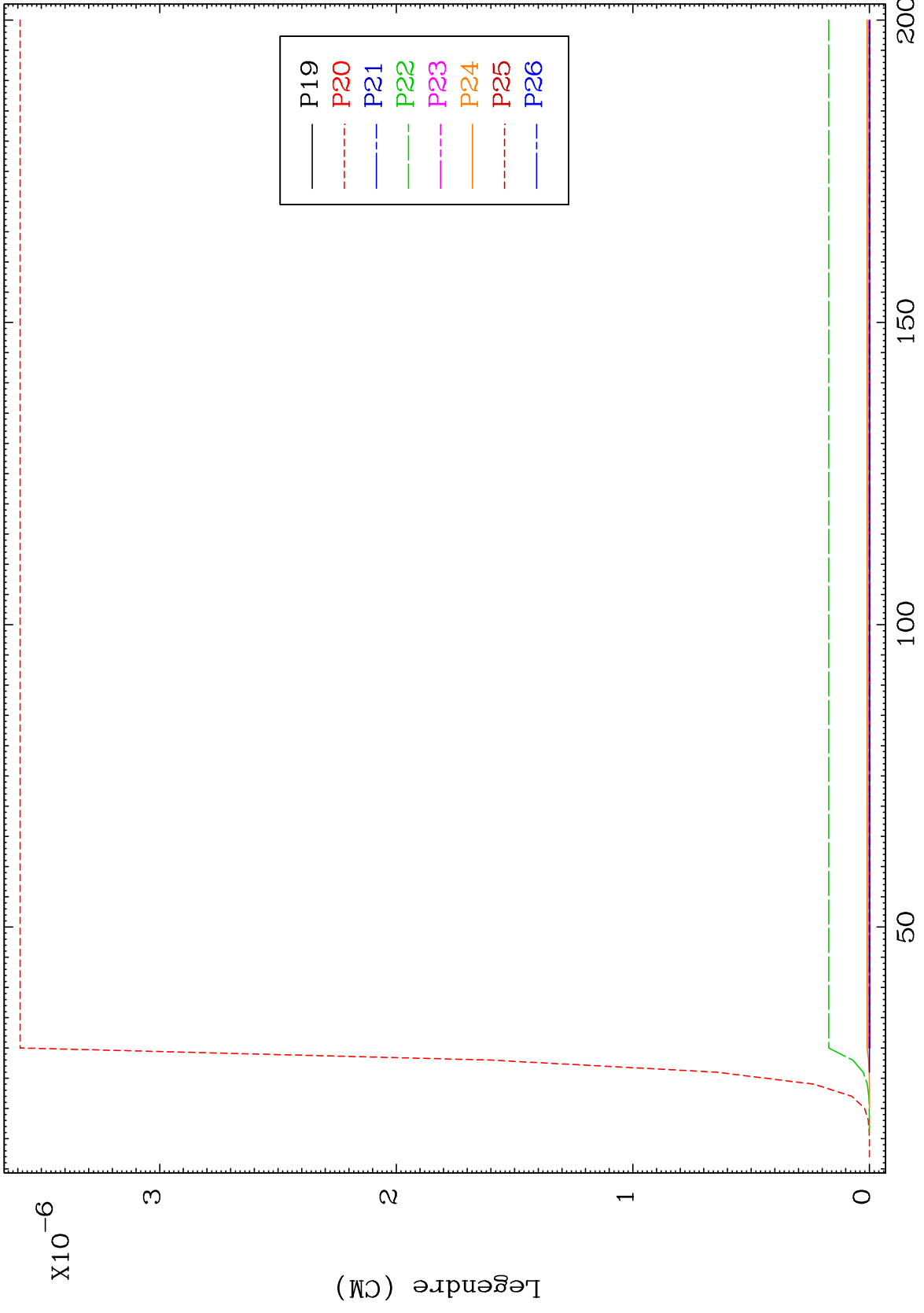
52-Te-128



86

52-Te-128

MAT 5249 MT= 69 (n,n') Level Legendre Coefficients 52-Te-128

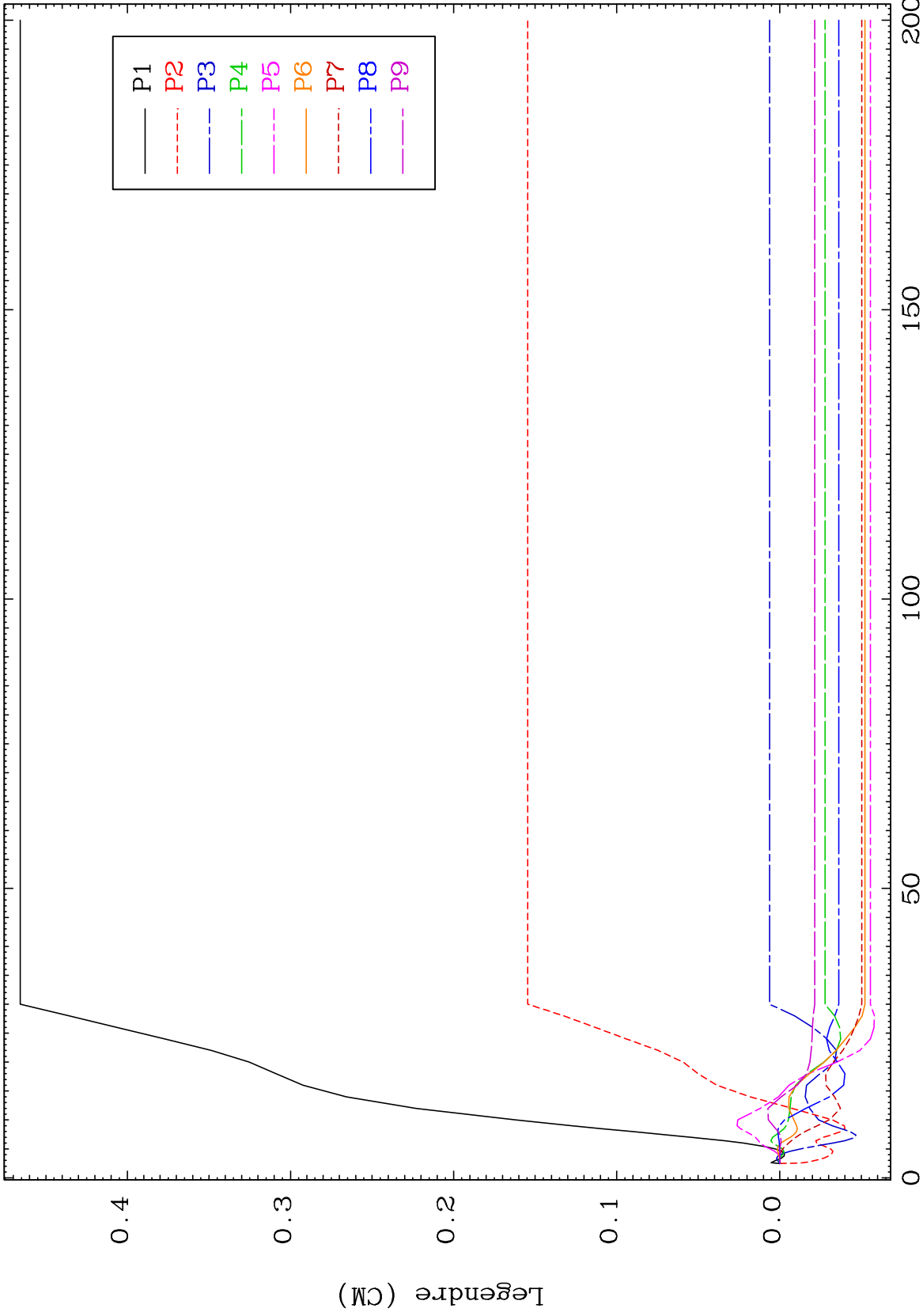


87 52-Te-128

MAT 5249

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

52-Te-128



88

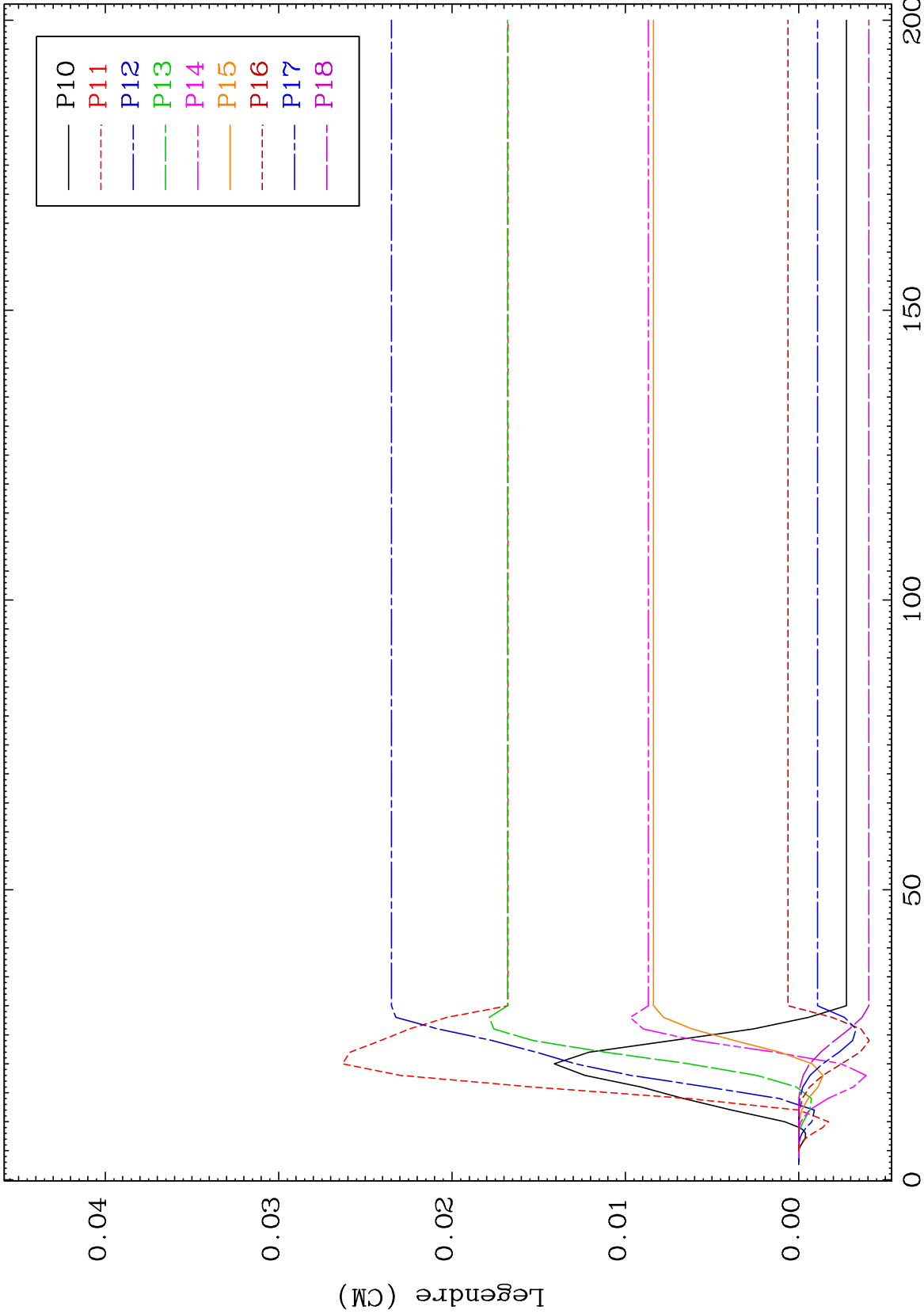
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



89

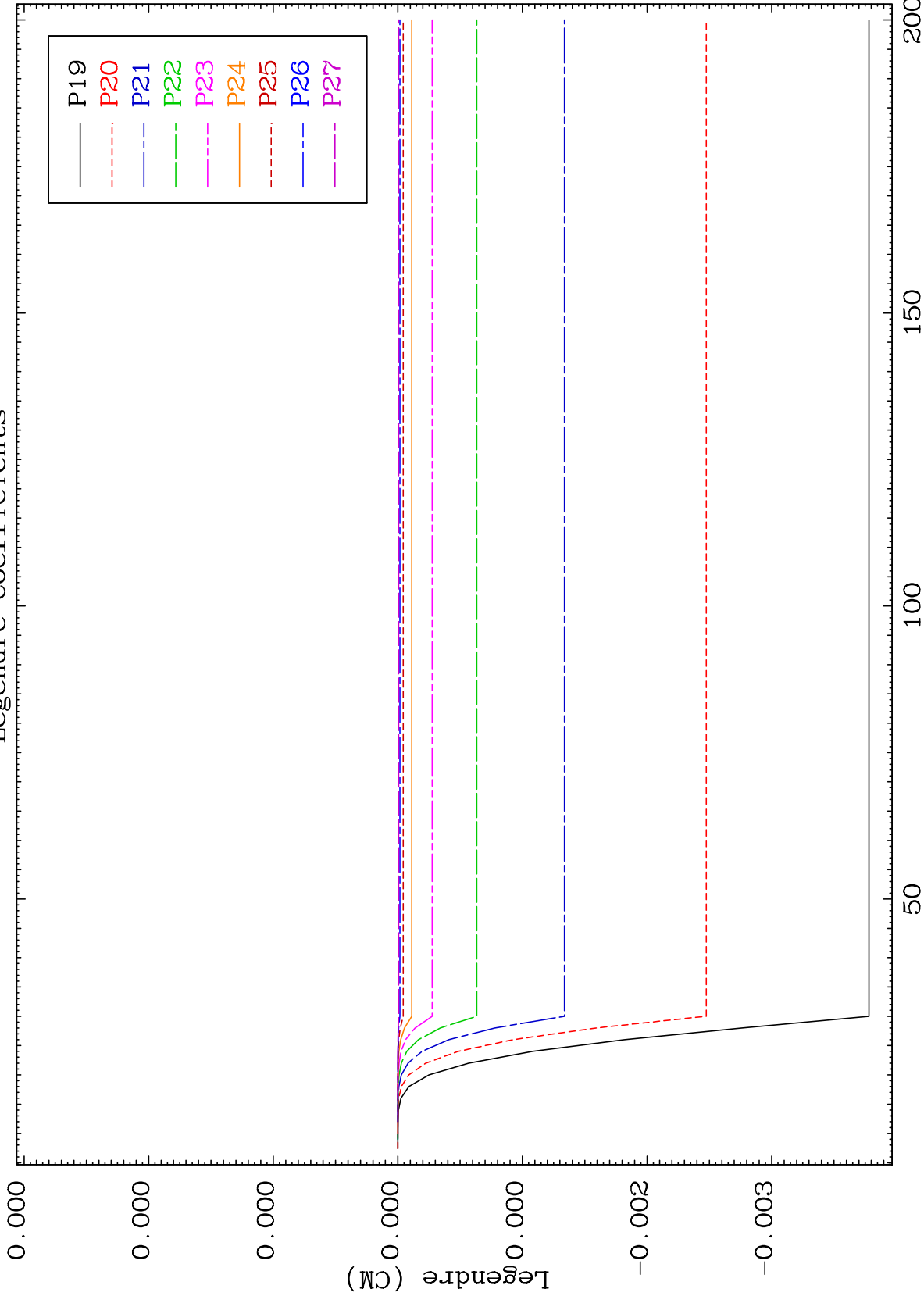
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



90

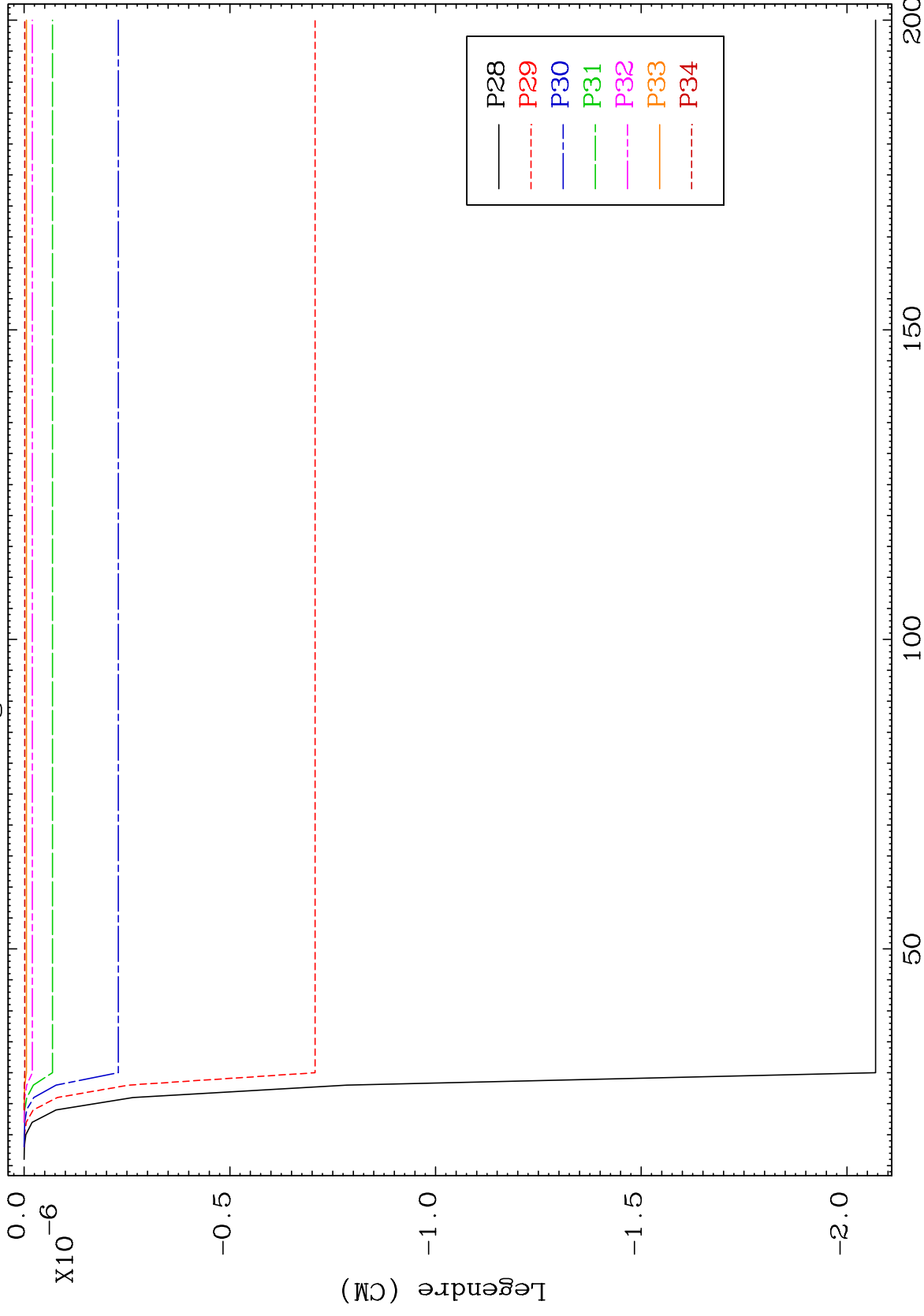
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



52-Te-128

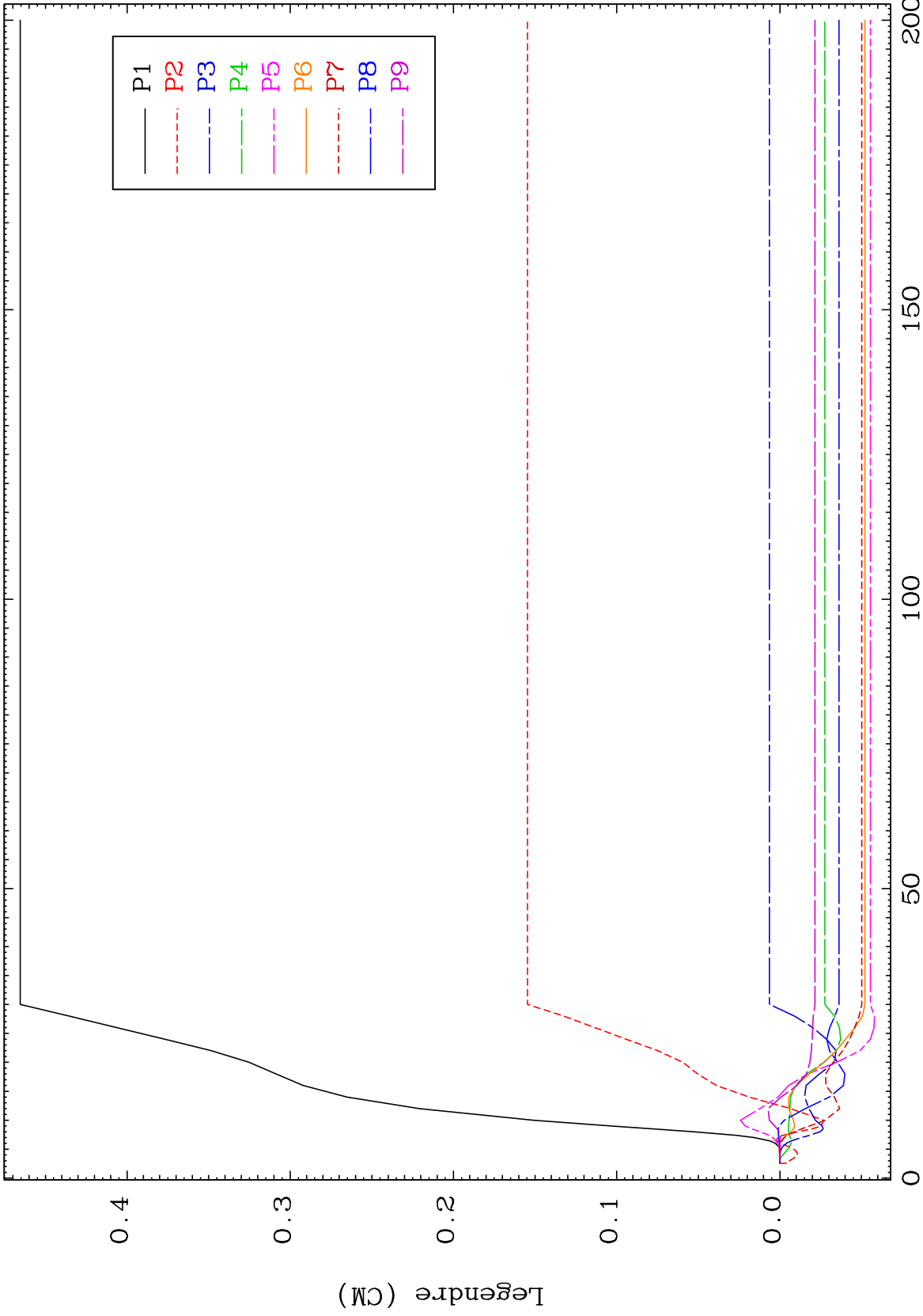
Incident Energy (MeV)

91

MAT 5249

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

52-Te-128



92

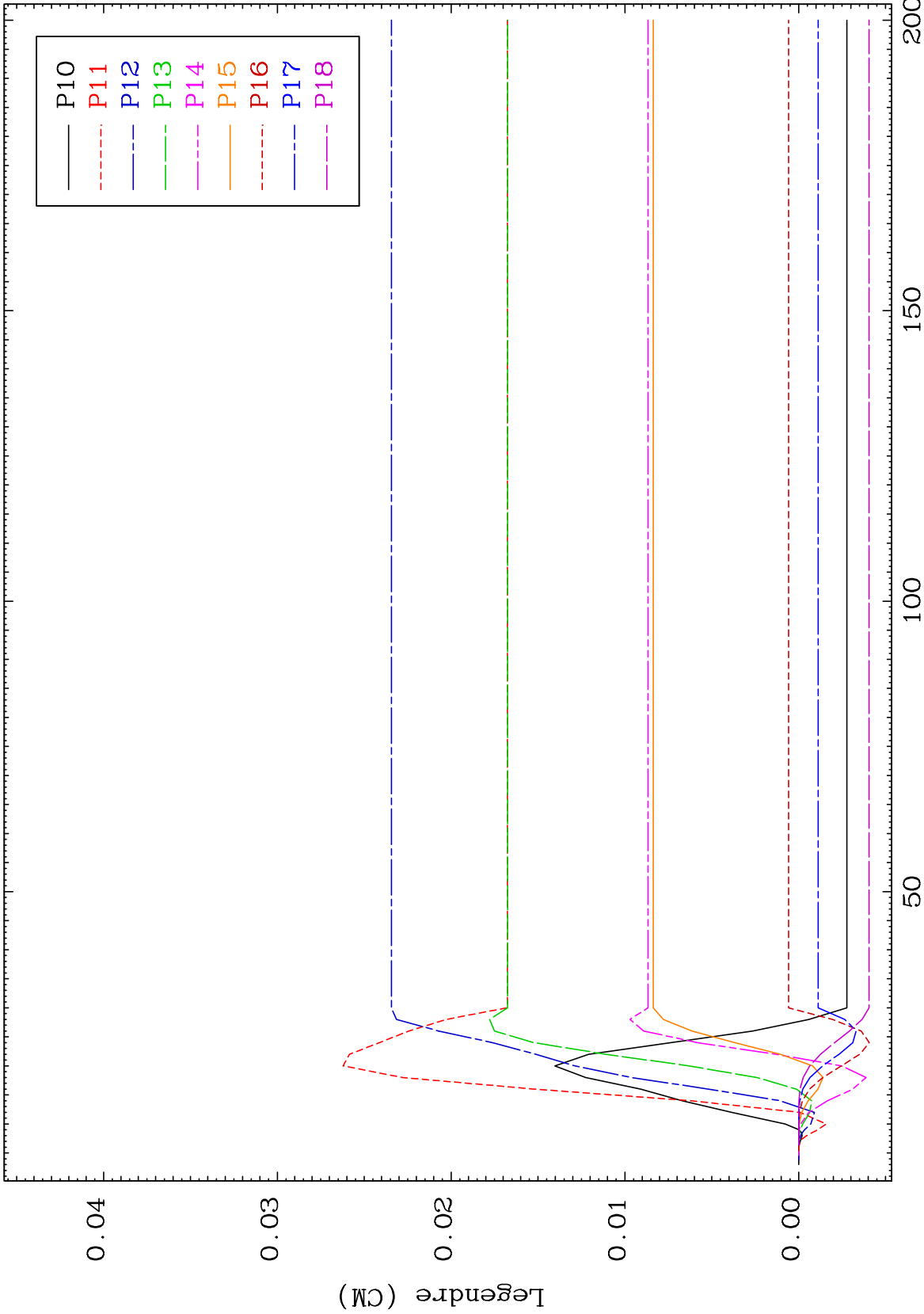
Incident Energy (MeV)

52-Te-128

MAT 5249

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

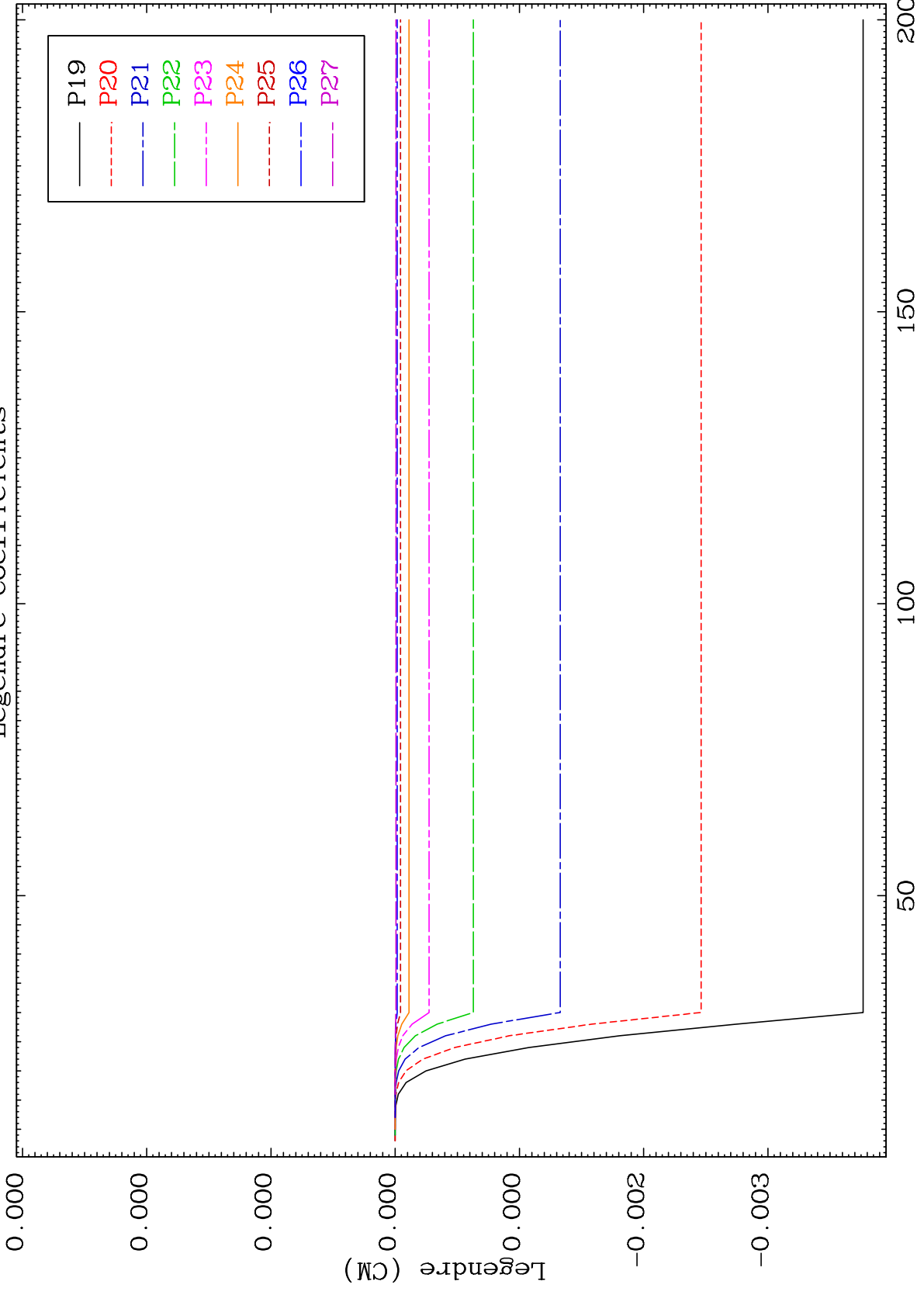
52-Te-128



93

52-Te-128

MAT 5249 MT= 71 (n,n') Level Legendre Coefficients 52-Te-128

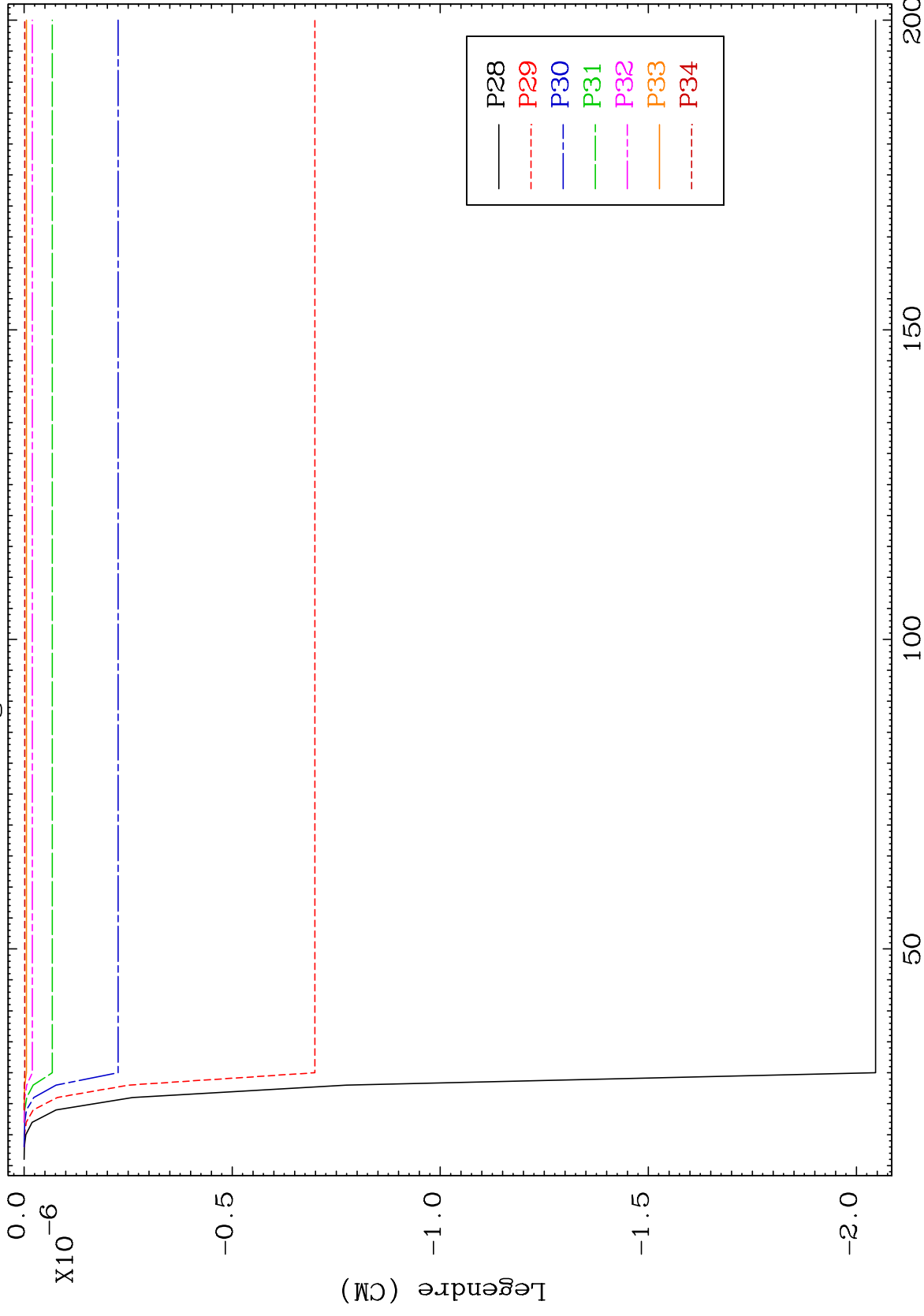


94 52-Te-128

MAT 5249

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

52-Te-128



52-Te-128

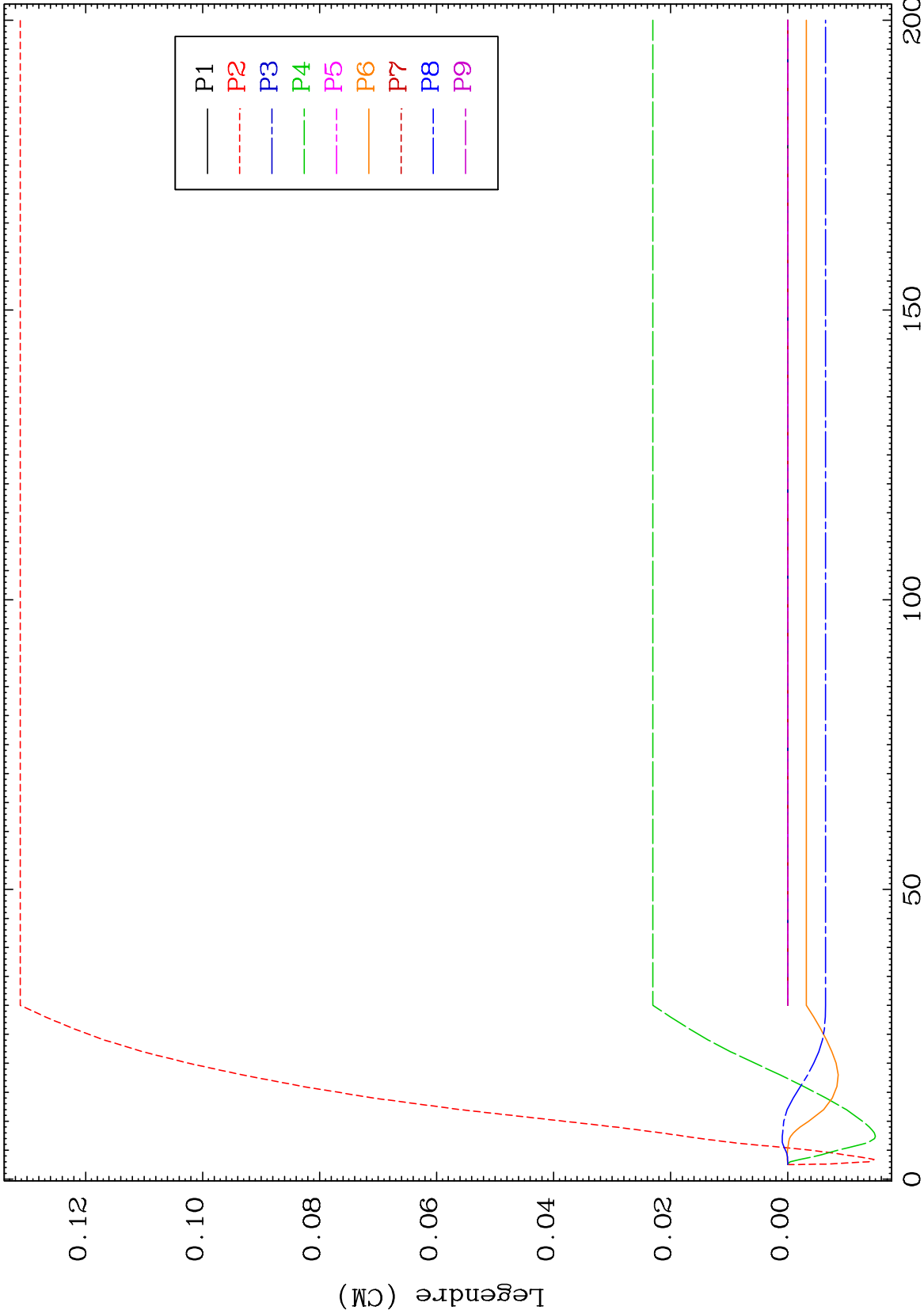
Incident Energy (MeV)

95

MAT 5249

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

52-Te-128



96

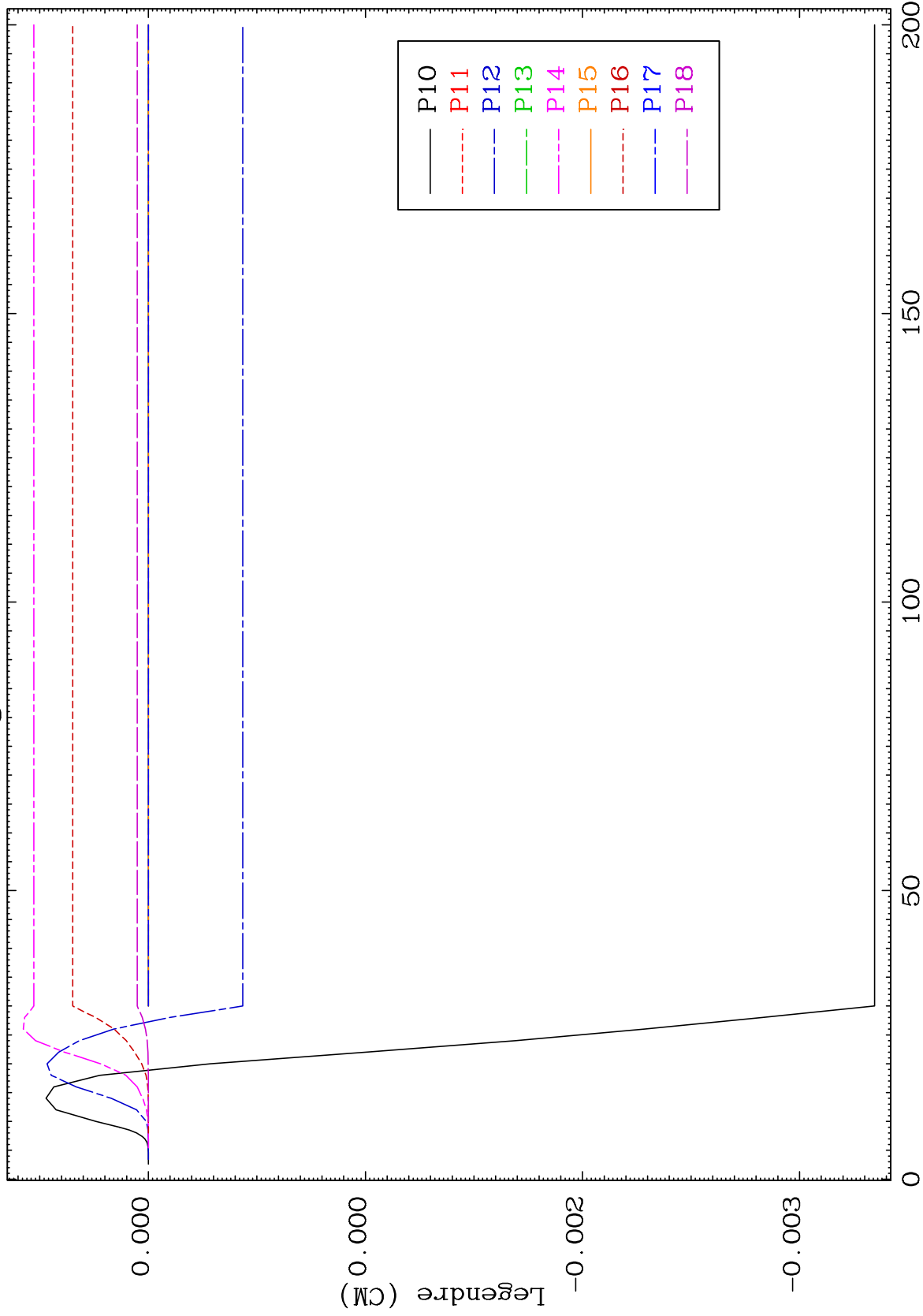
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



97

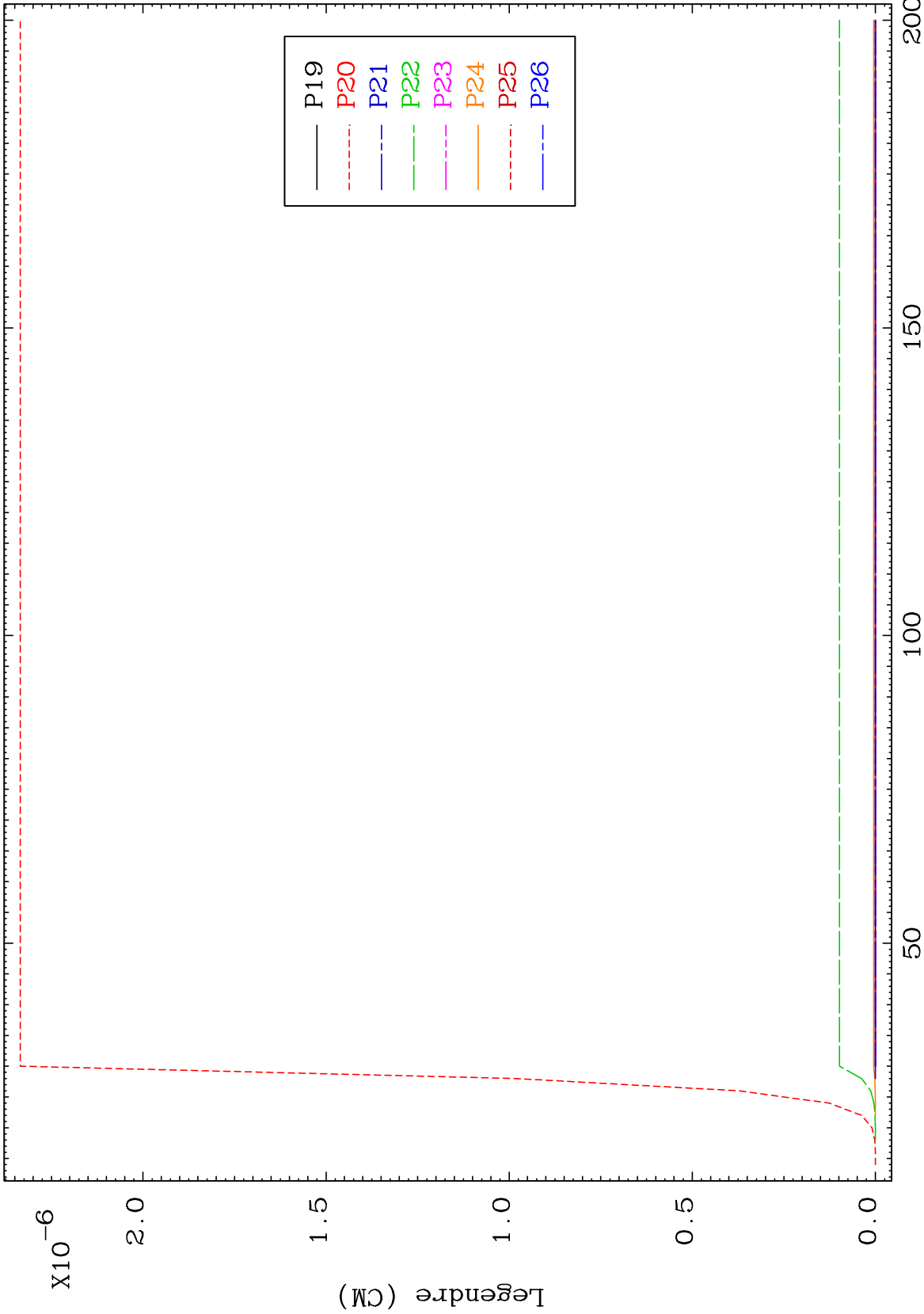
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



98

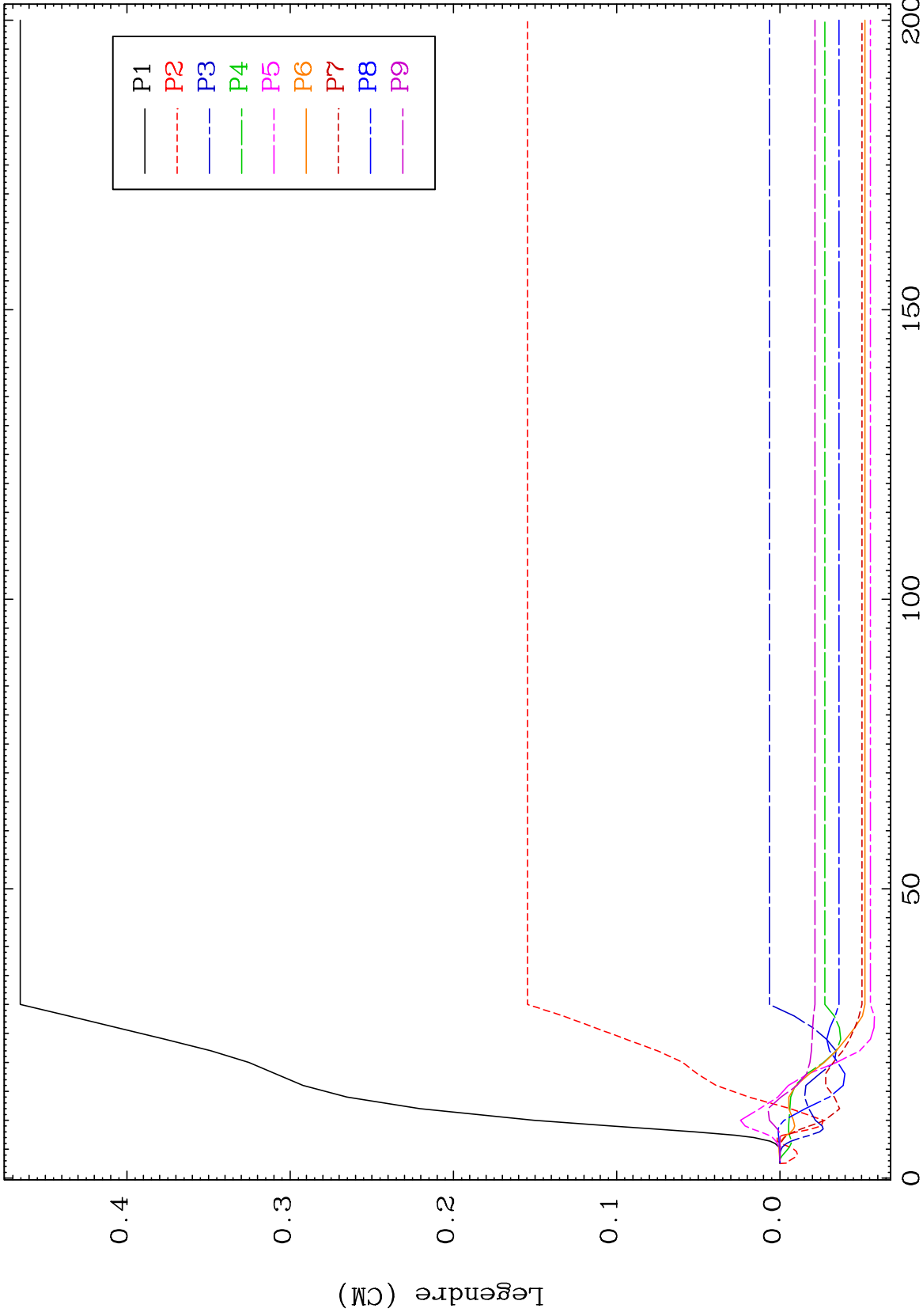
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



99

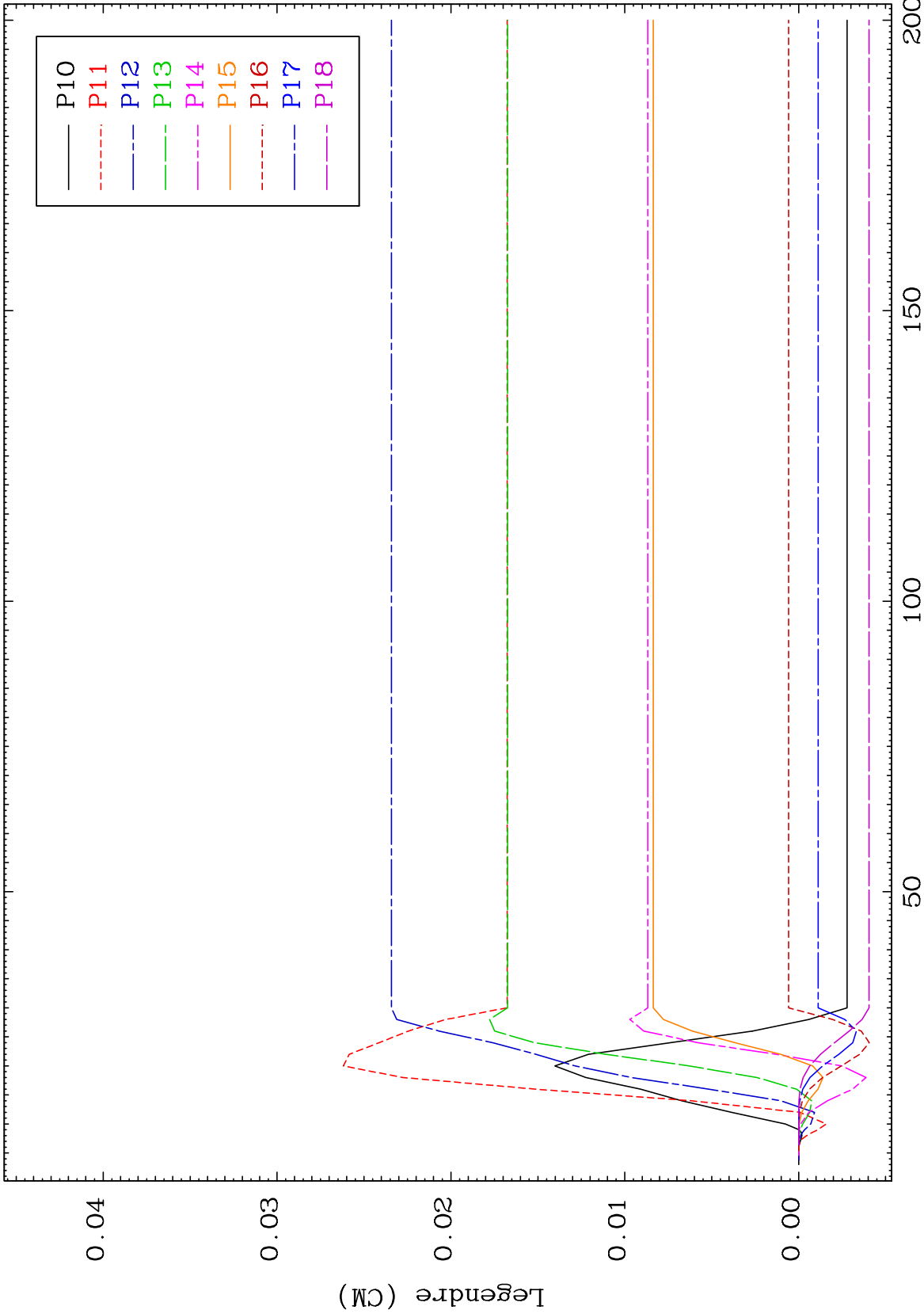
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



52-Te-128

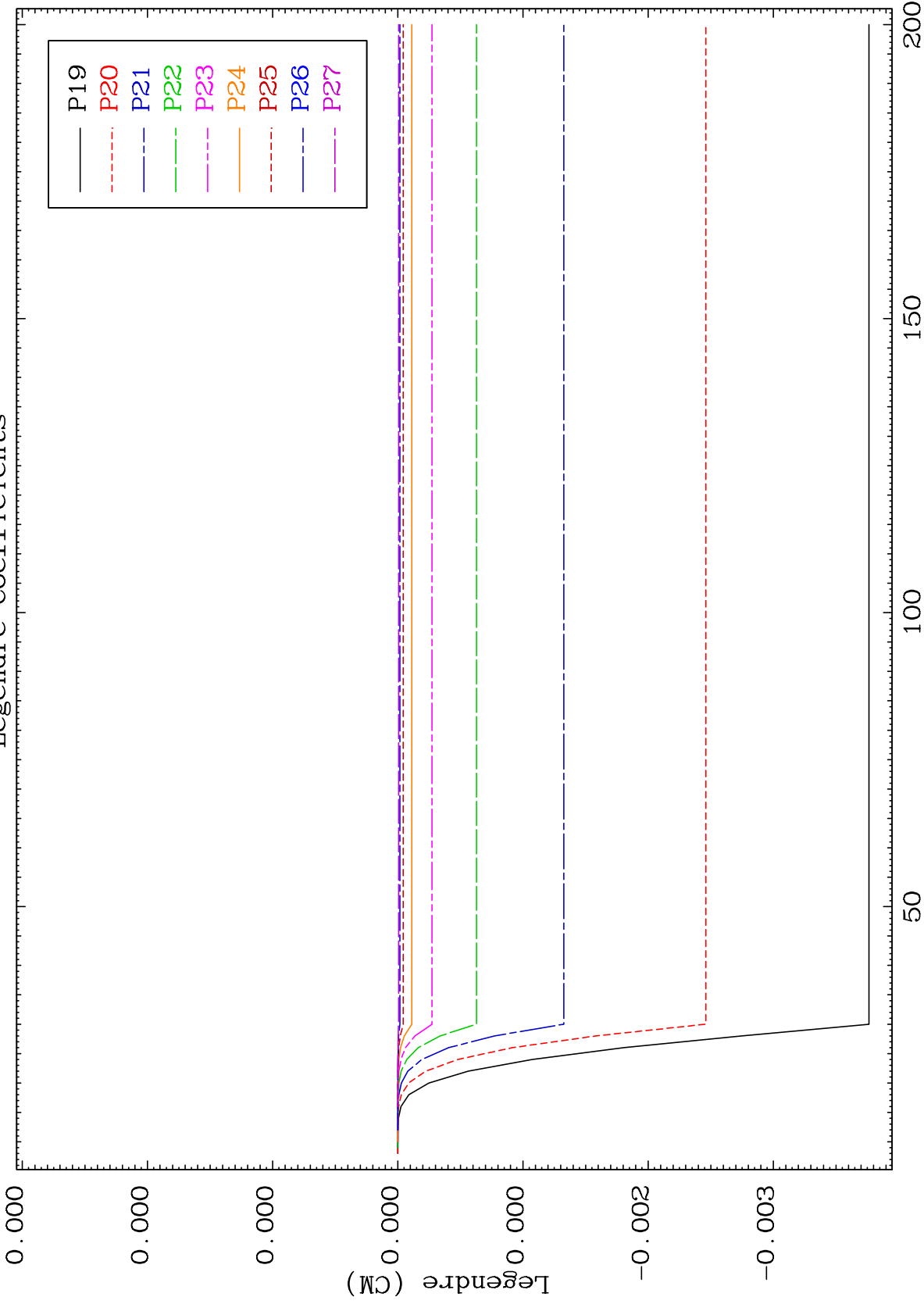
Incident Energy (MeV)

Legendre (CM)

MAT 5249

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

52-Te-128



101

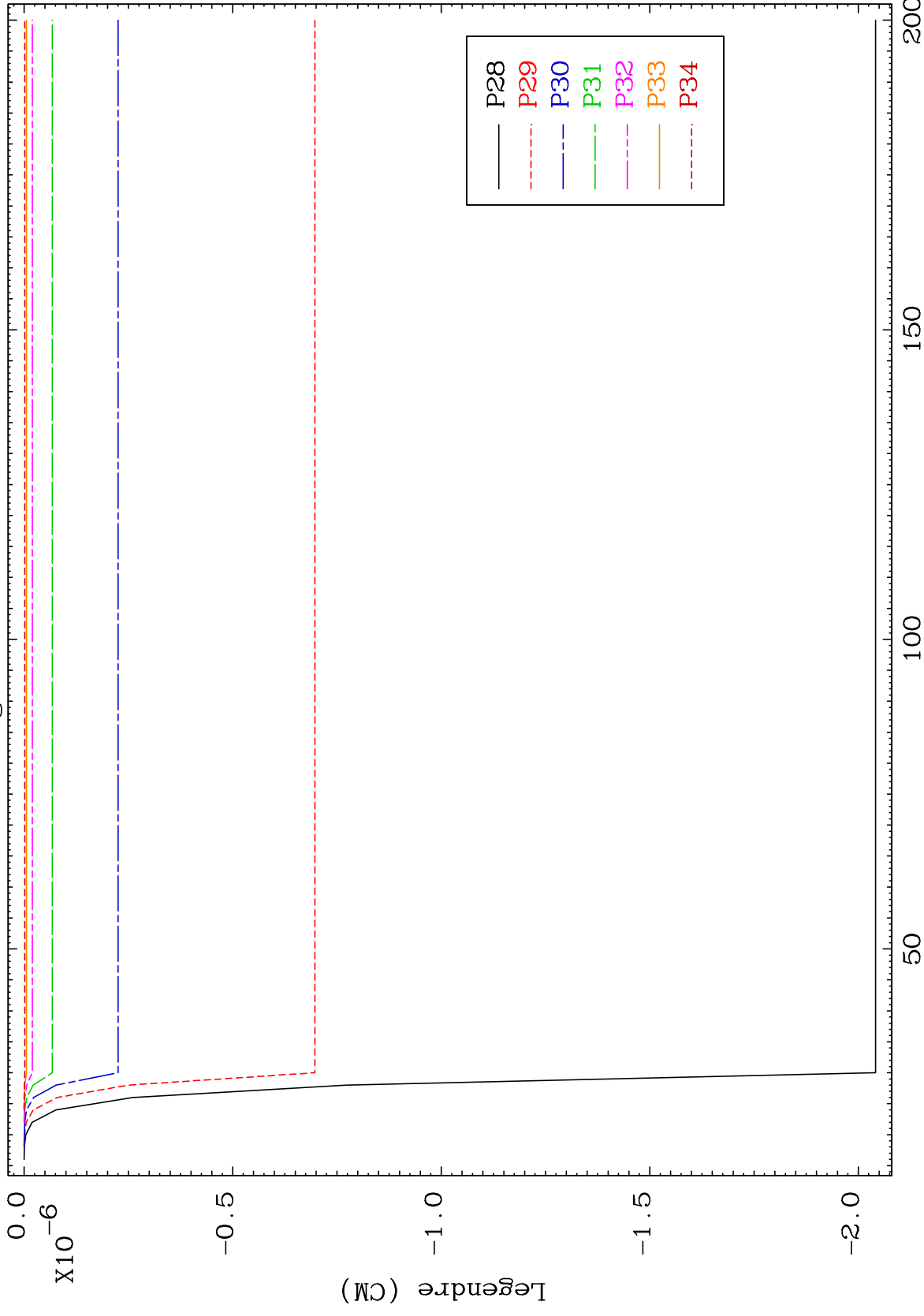
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



52-Te-128

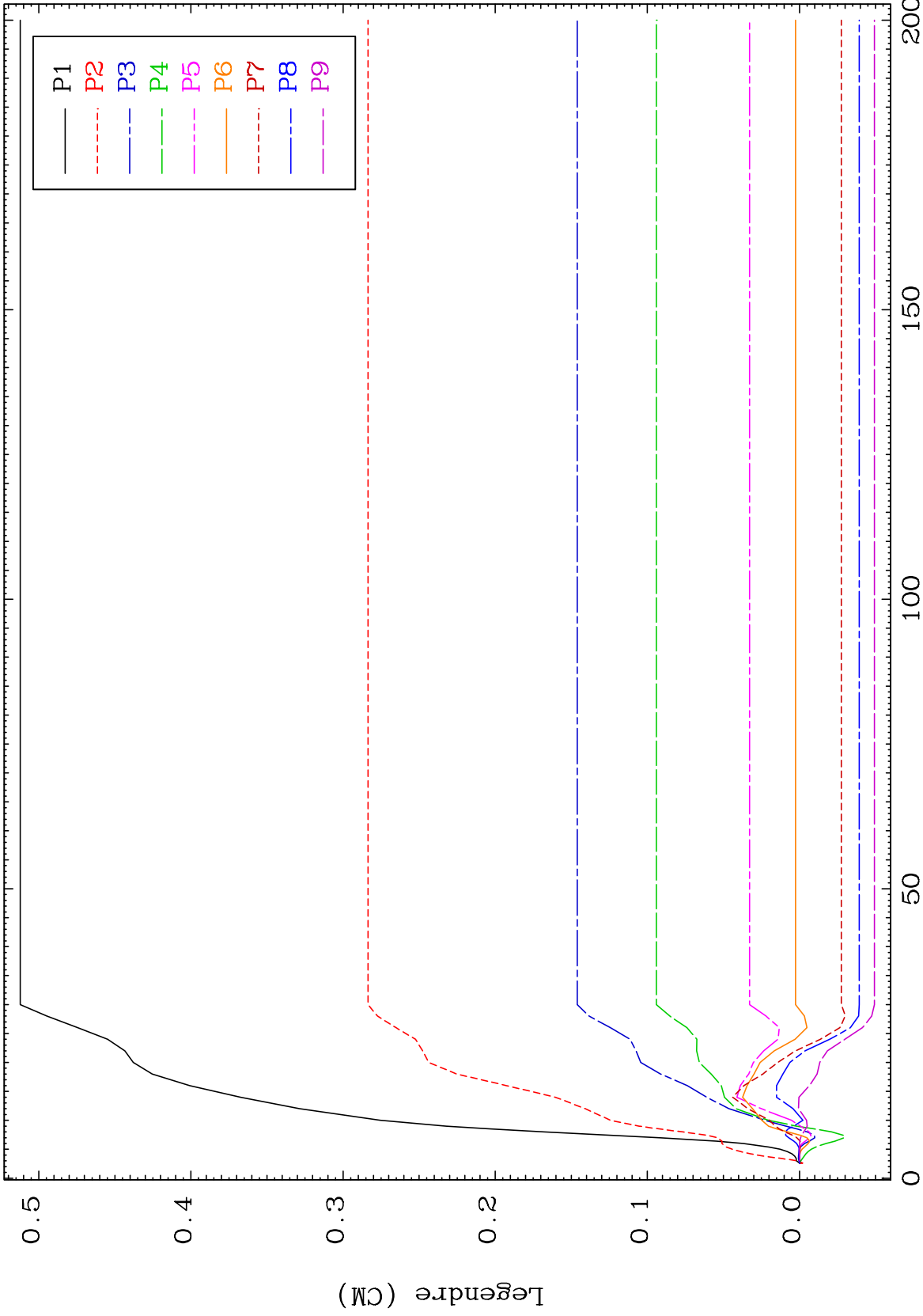
Incident Energy (MeV)

102

MAT 5249

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

52-Te-128



103

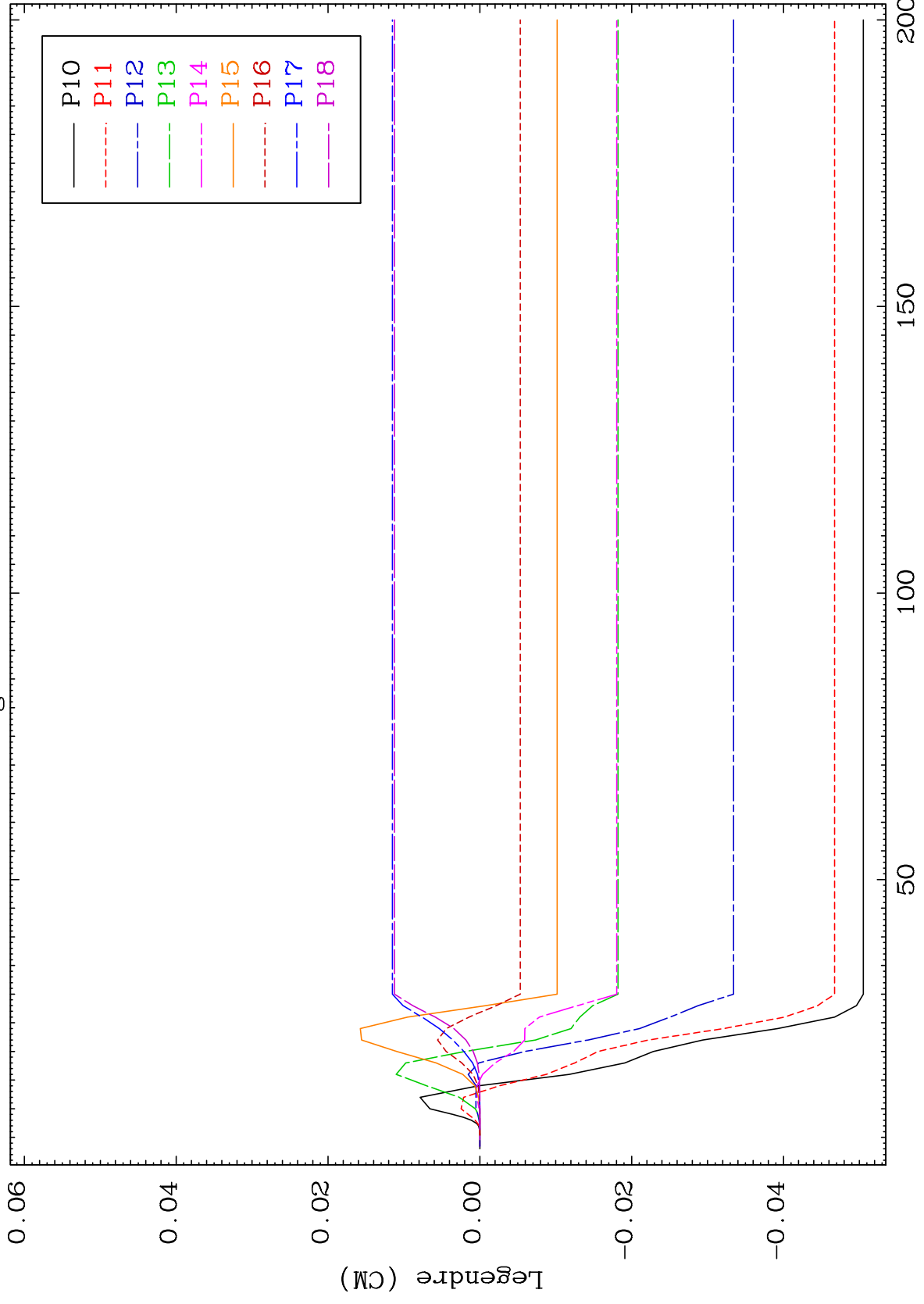
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



104

Incident Energy (MeV)

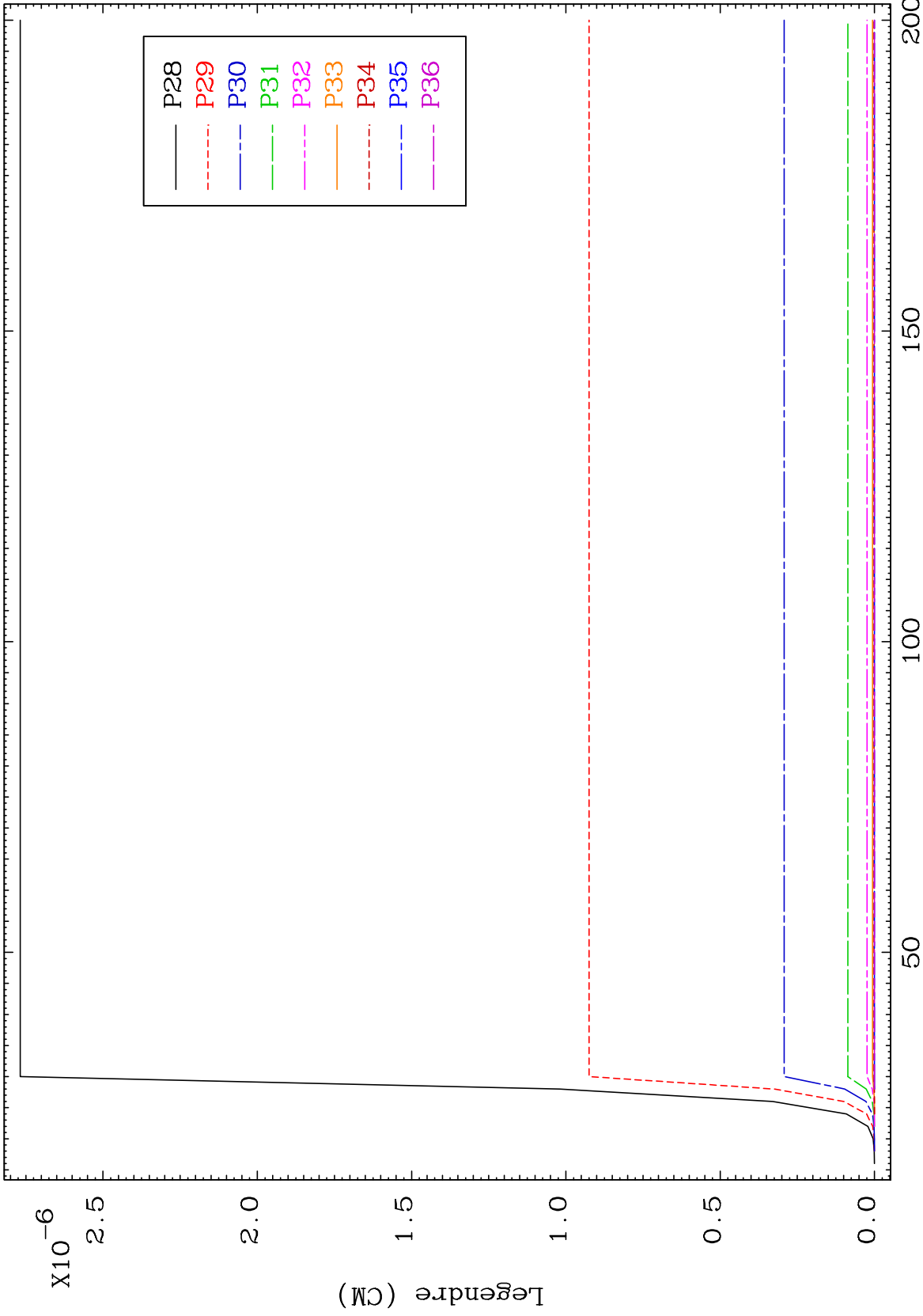
52-Te-128



MAT 5249

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

52-Te-128



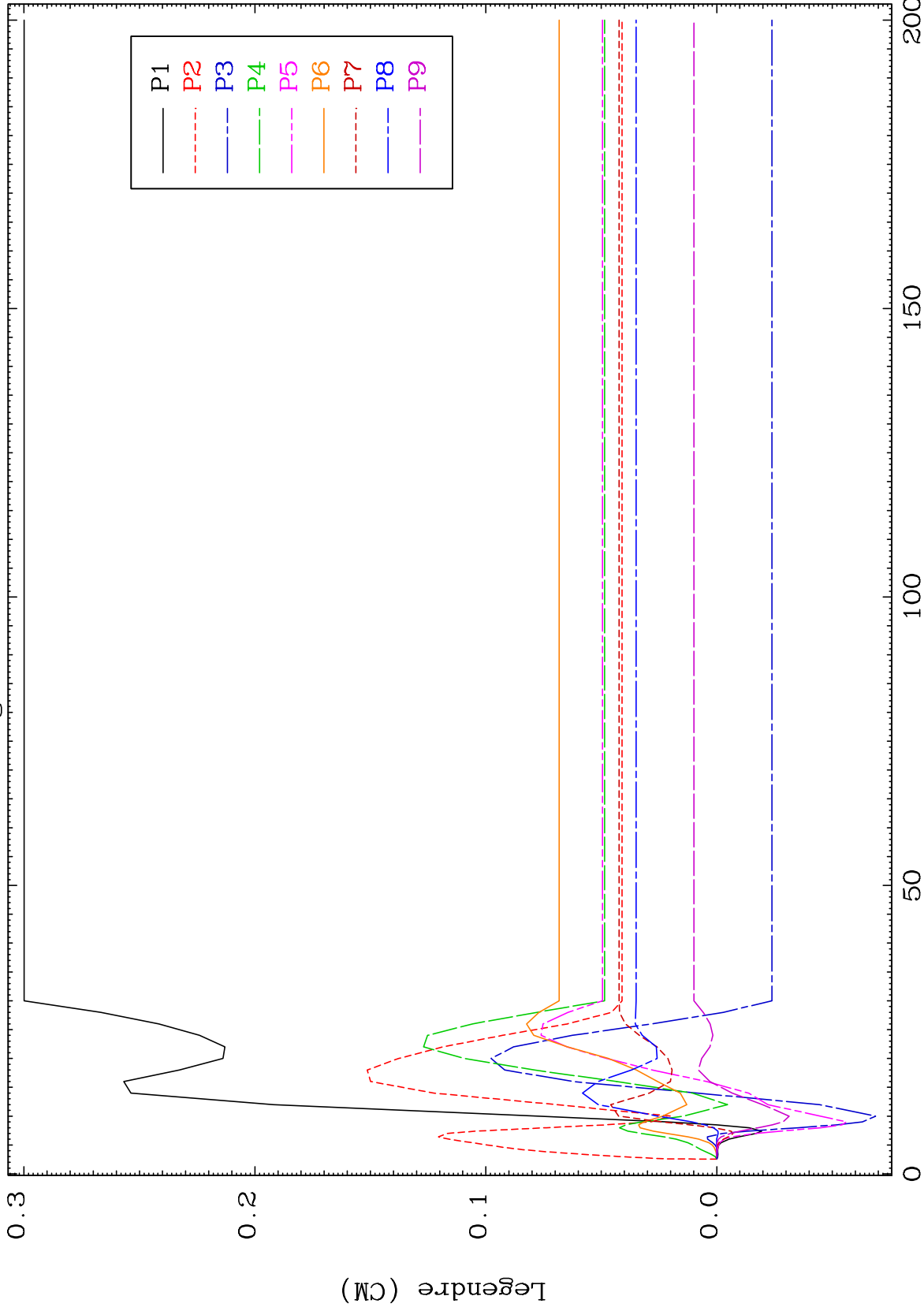
106

52-Te-128

MAT 5249

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

52-Te-128



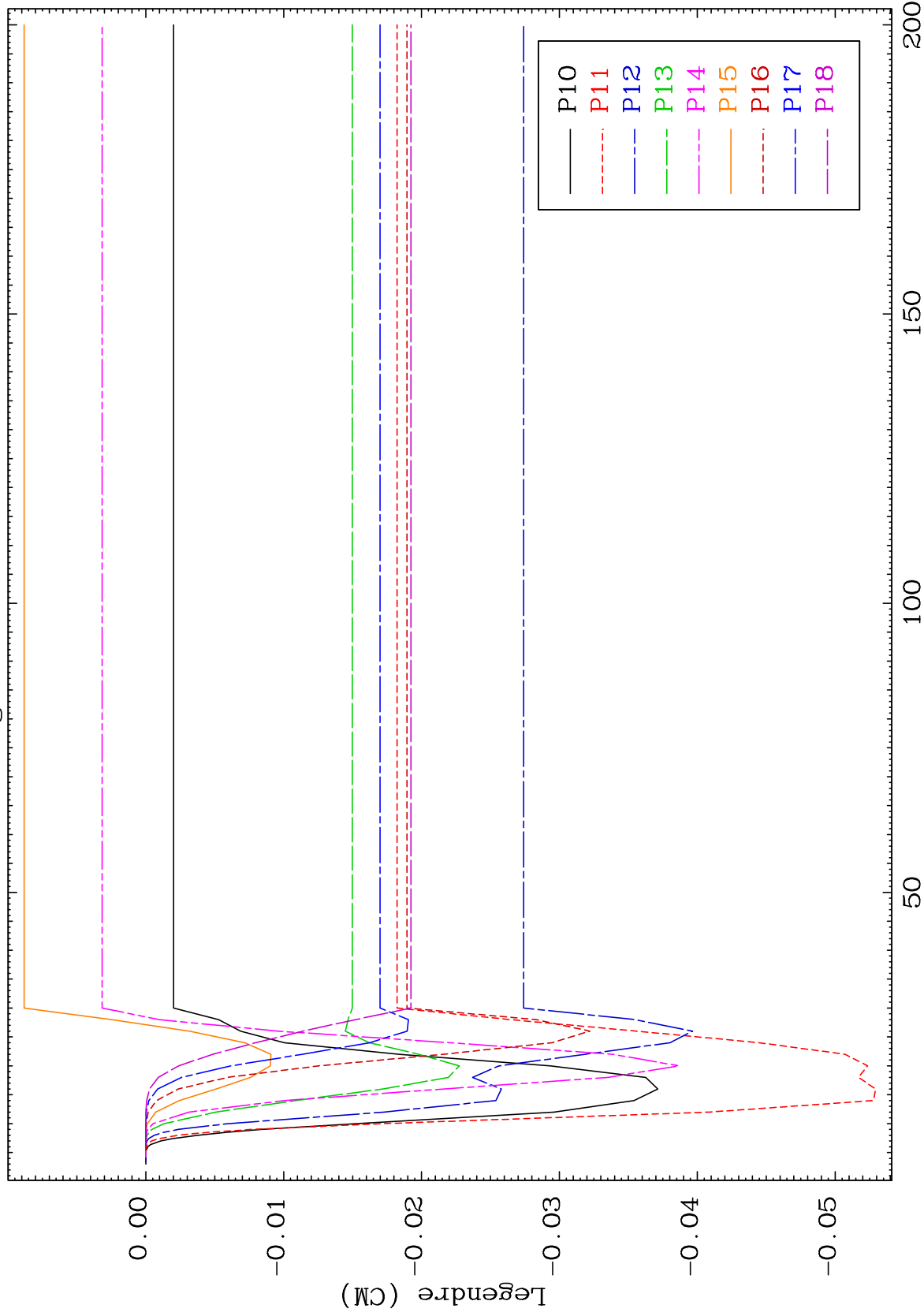
107

52-Te-128

MAT 5249

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

52-Te-128

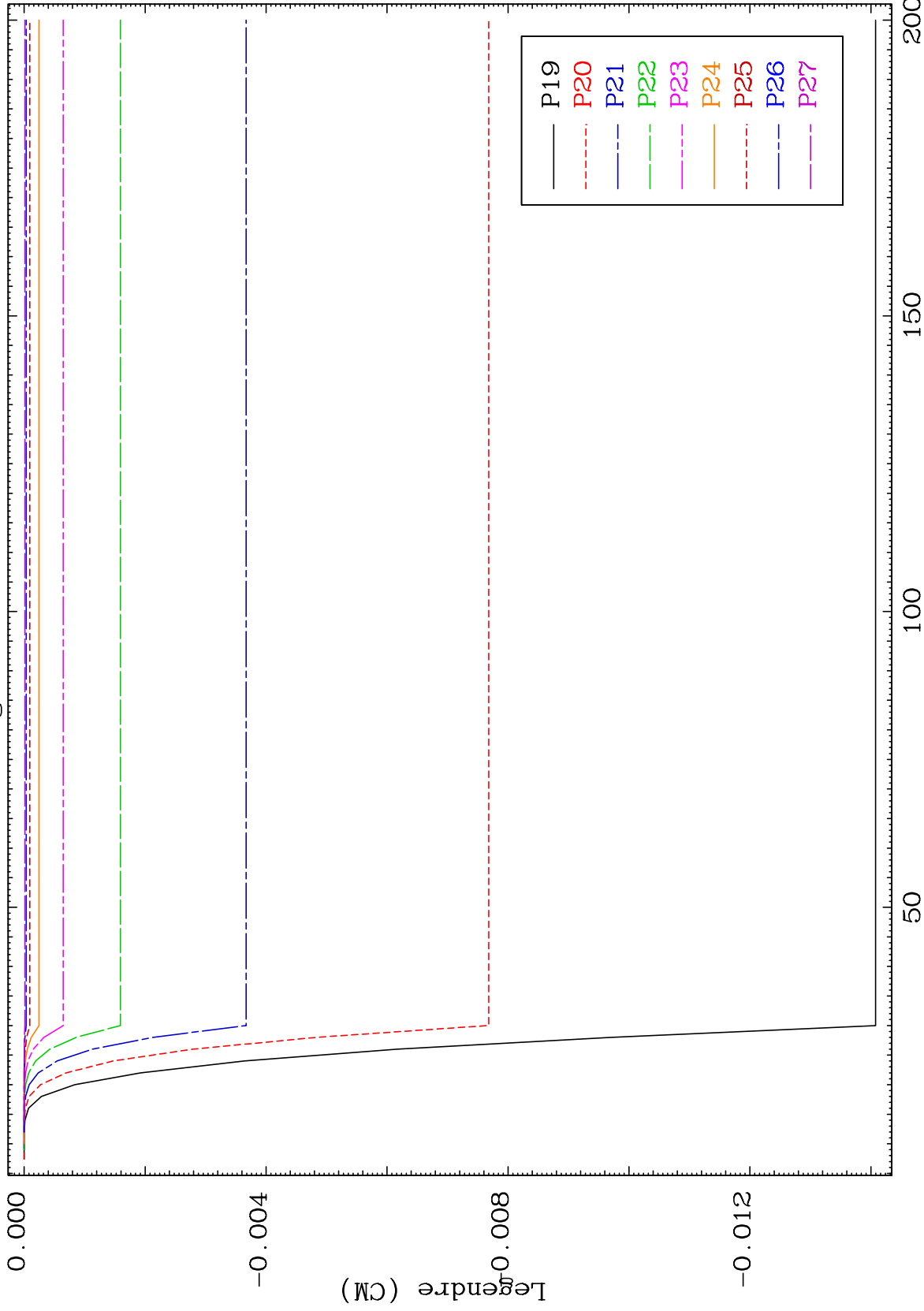


108

Incident Energy (MeV)

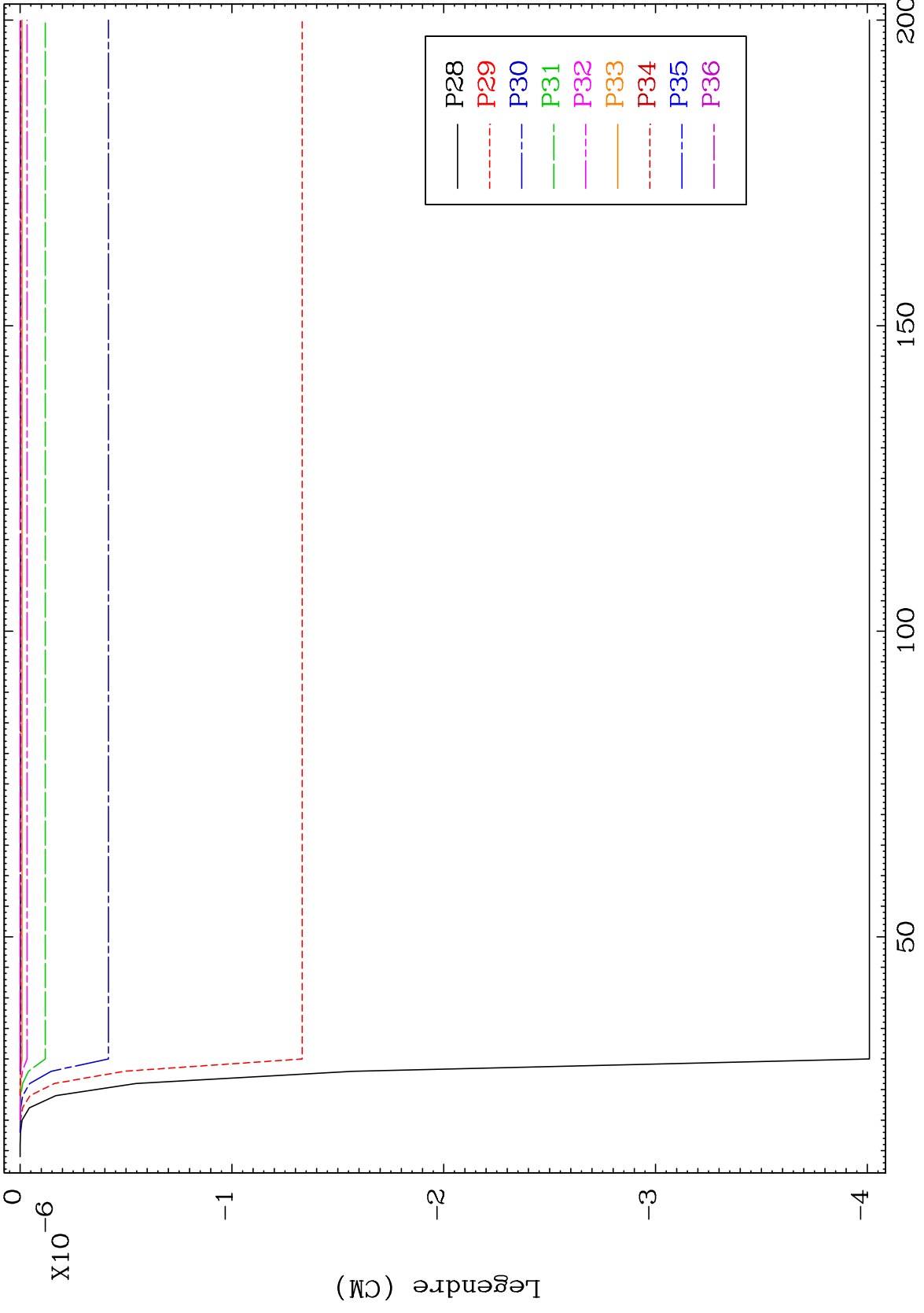
52-Te-128

MAT 5249 MT= 75 (n,n') Level Legendre Coefficients 52-Te-128



109 52-Te-128

MAT 5249 MT= 75 (n,n') Level Legendre Coefficients 52-Te-128

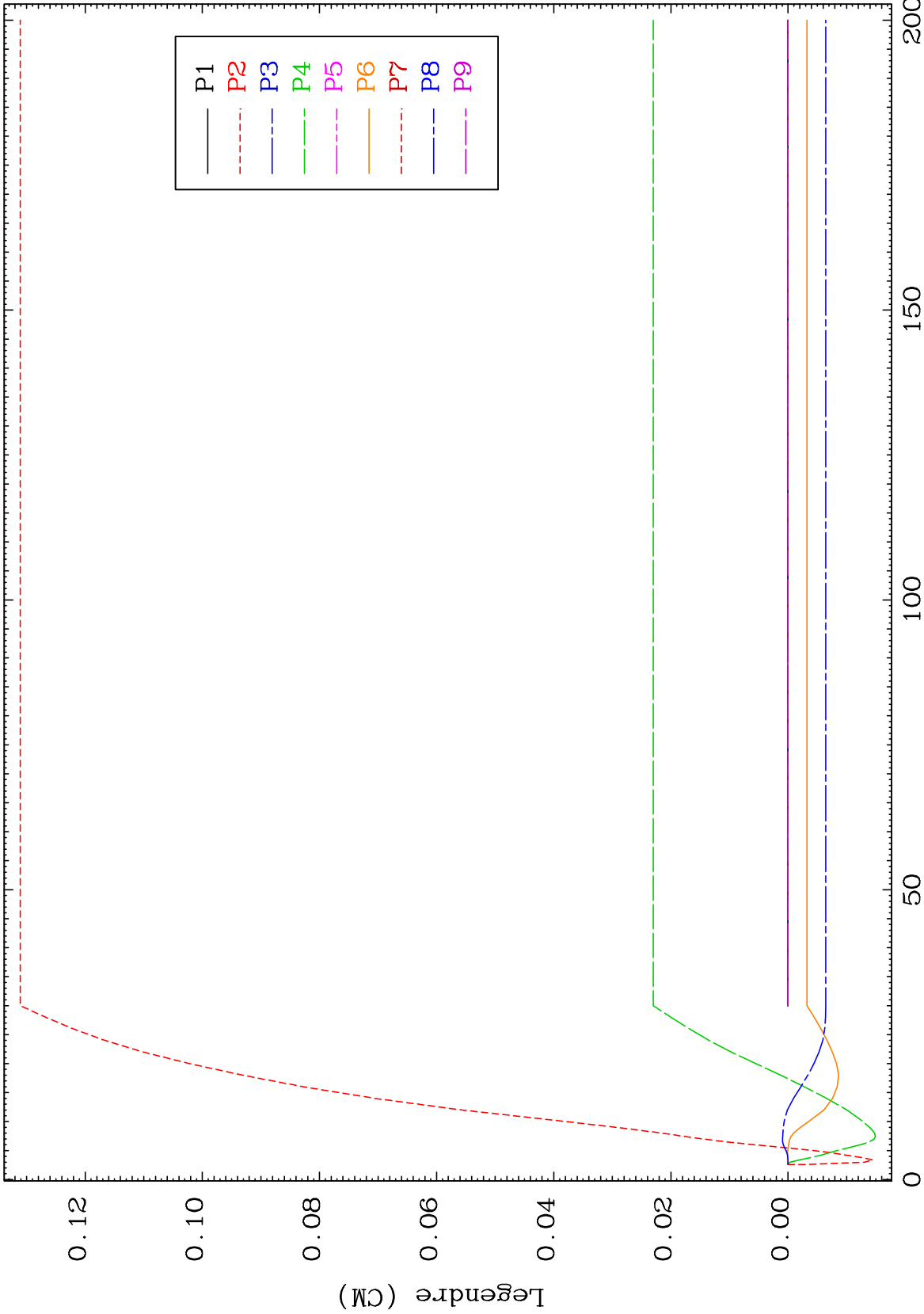


110 Incident Energy (MeV) 52-Te-128

MAT 5249

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

52-Te-128



111

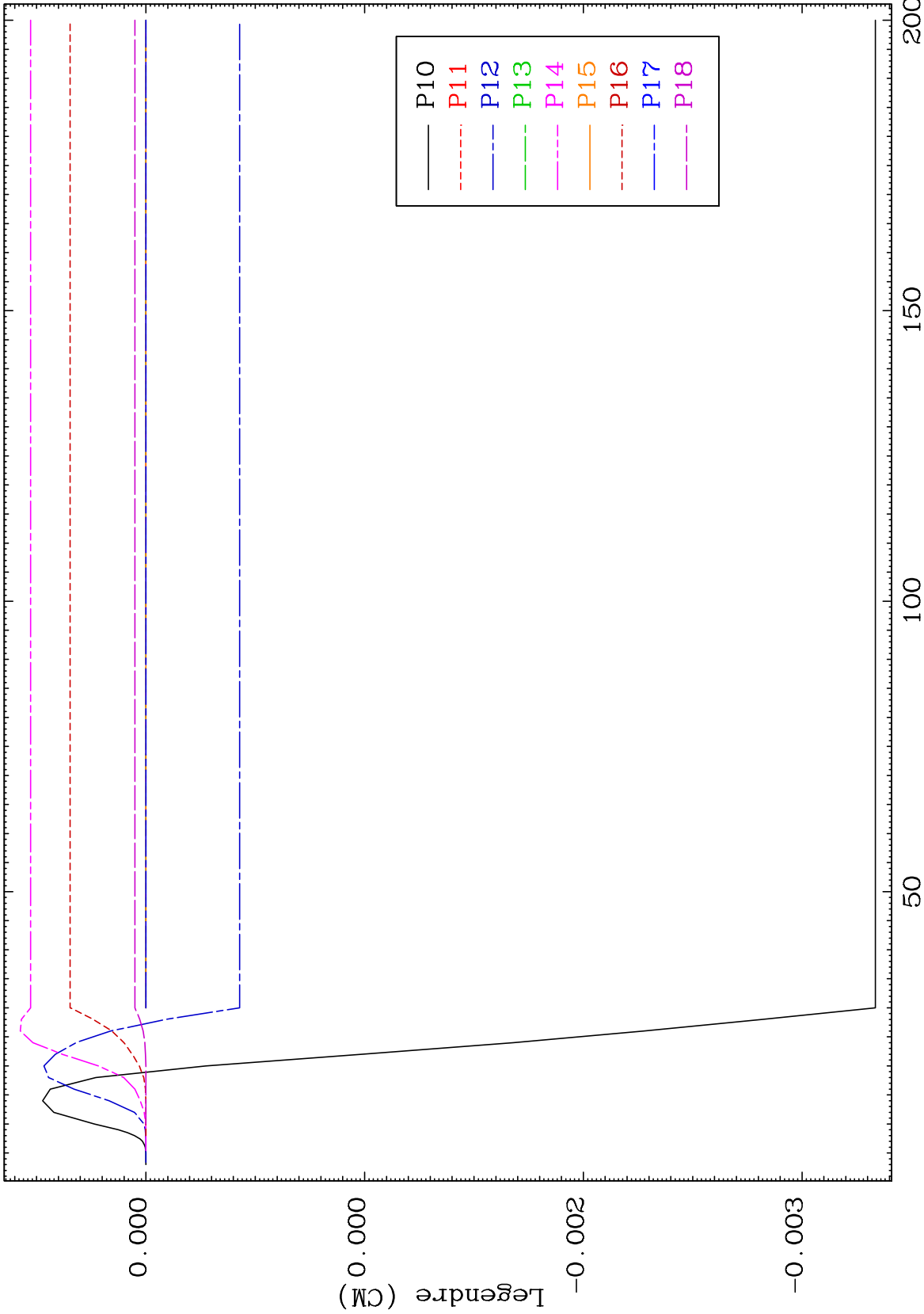
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



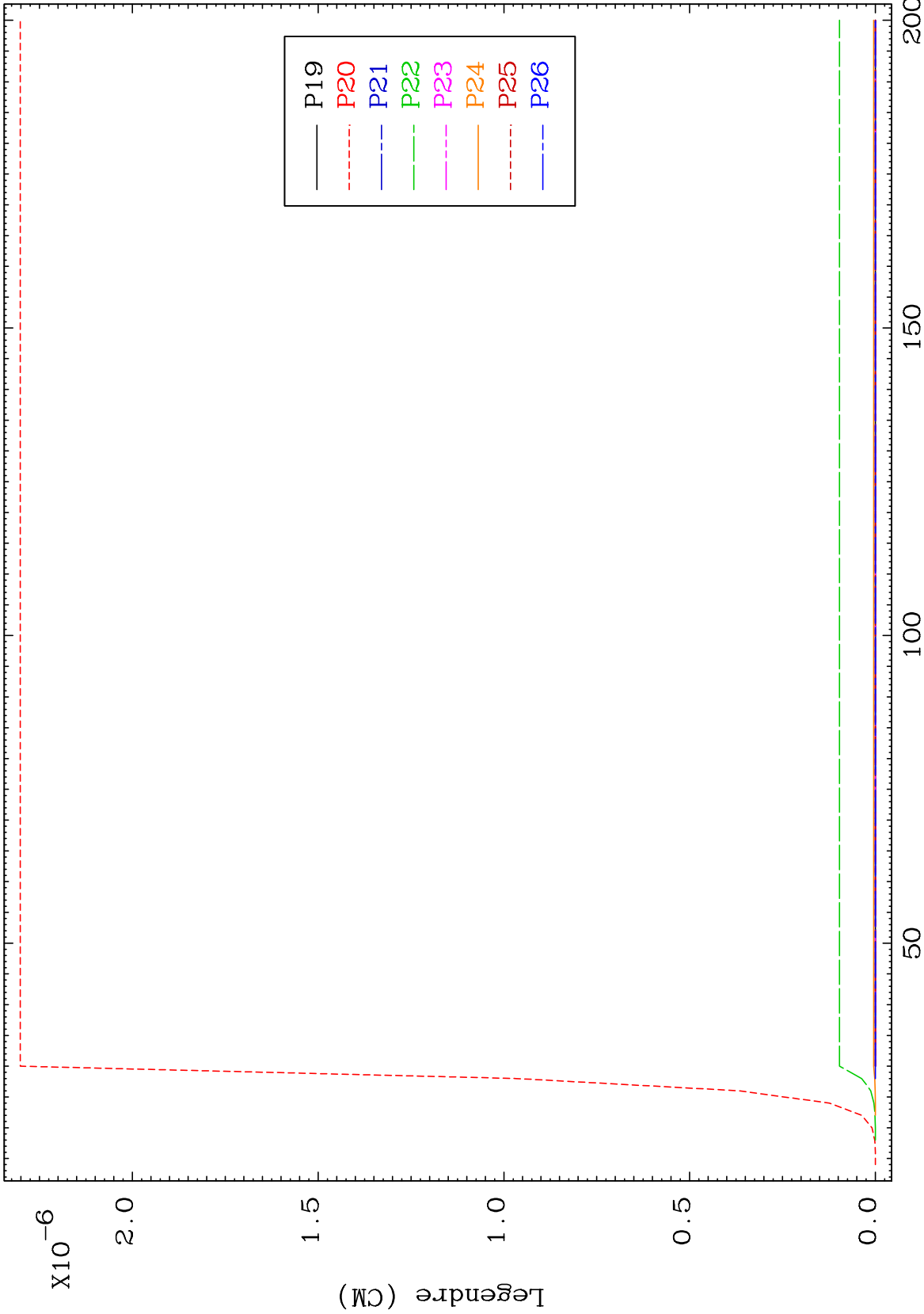
112

52-Te-128

MAT 5249

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

52-Te-128



113

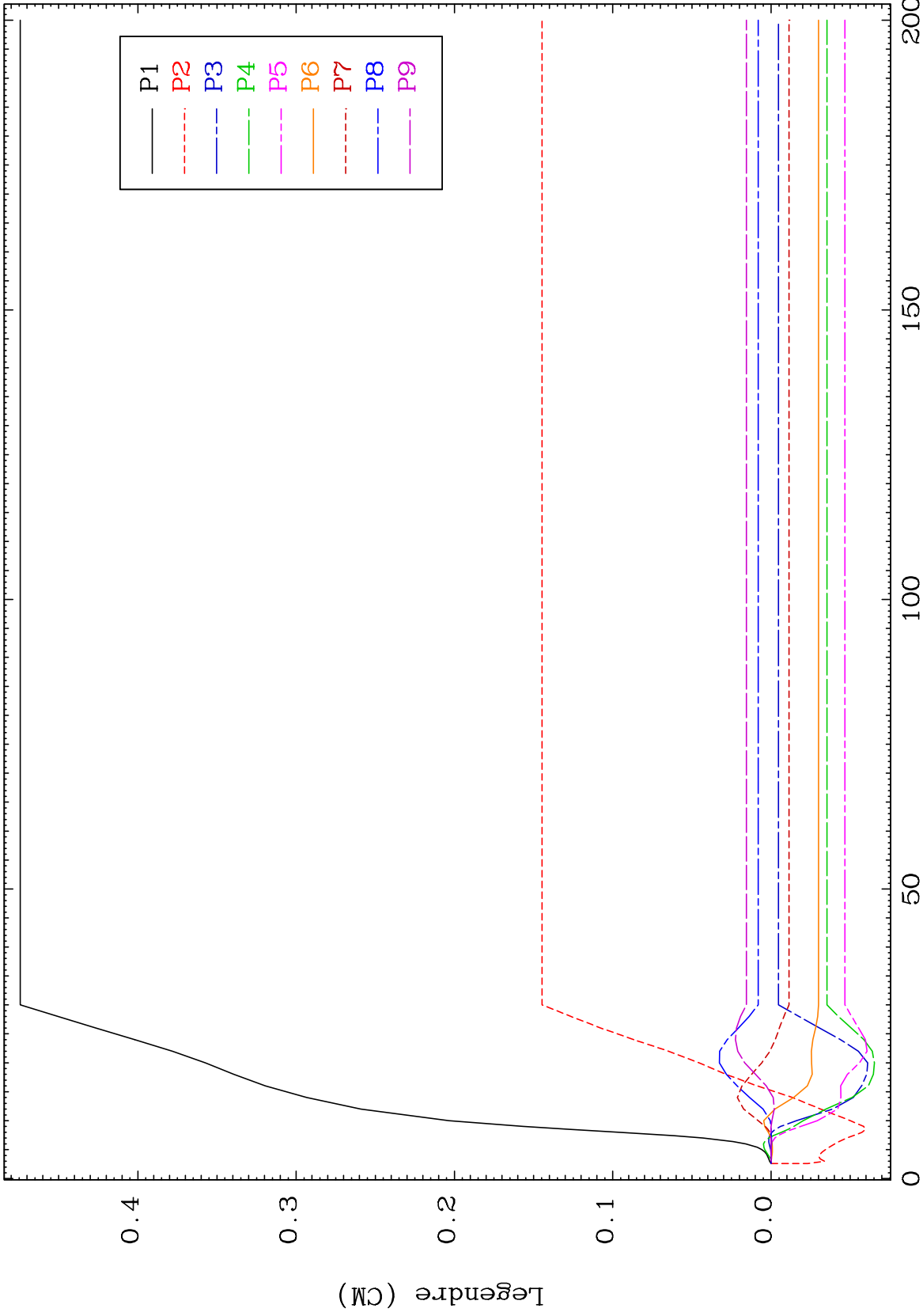
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



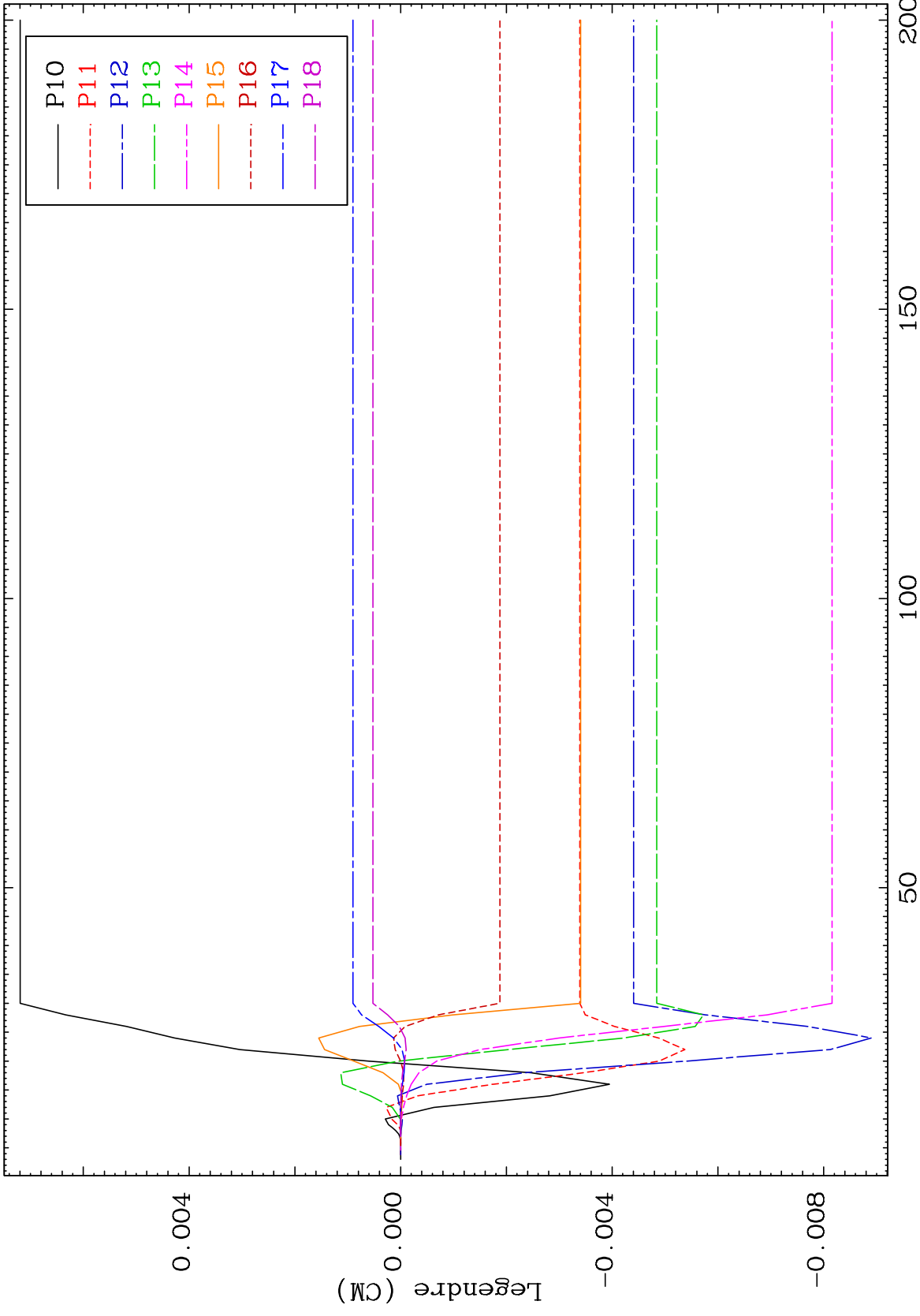
114

52-Te-128

MAT 5249

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

52-Te-128



115

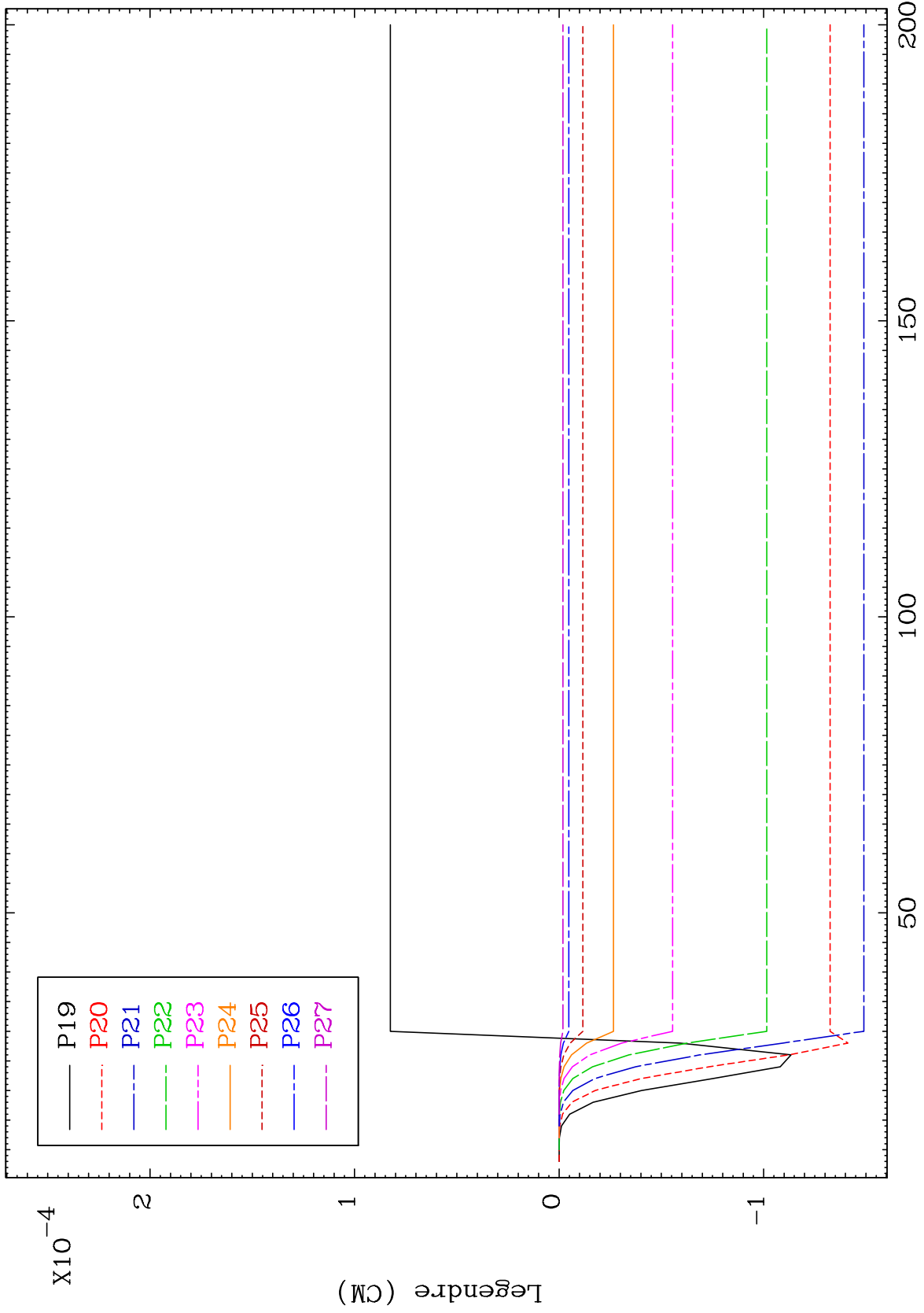
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128

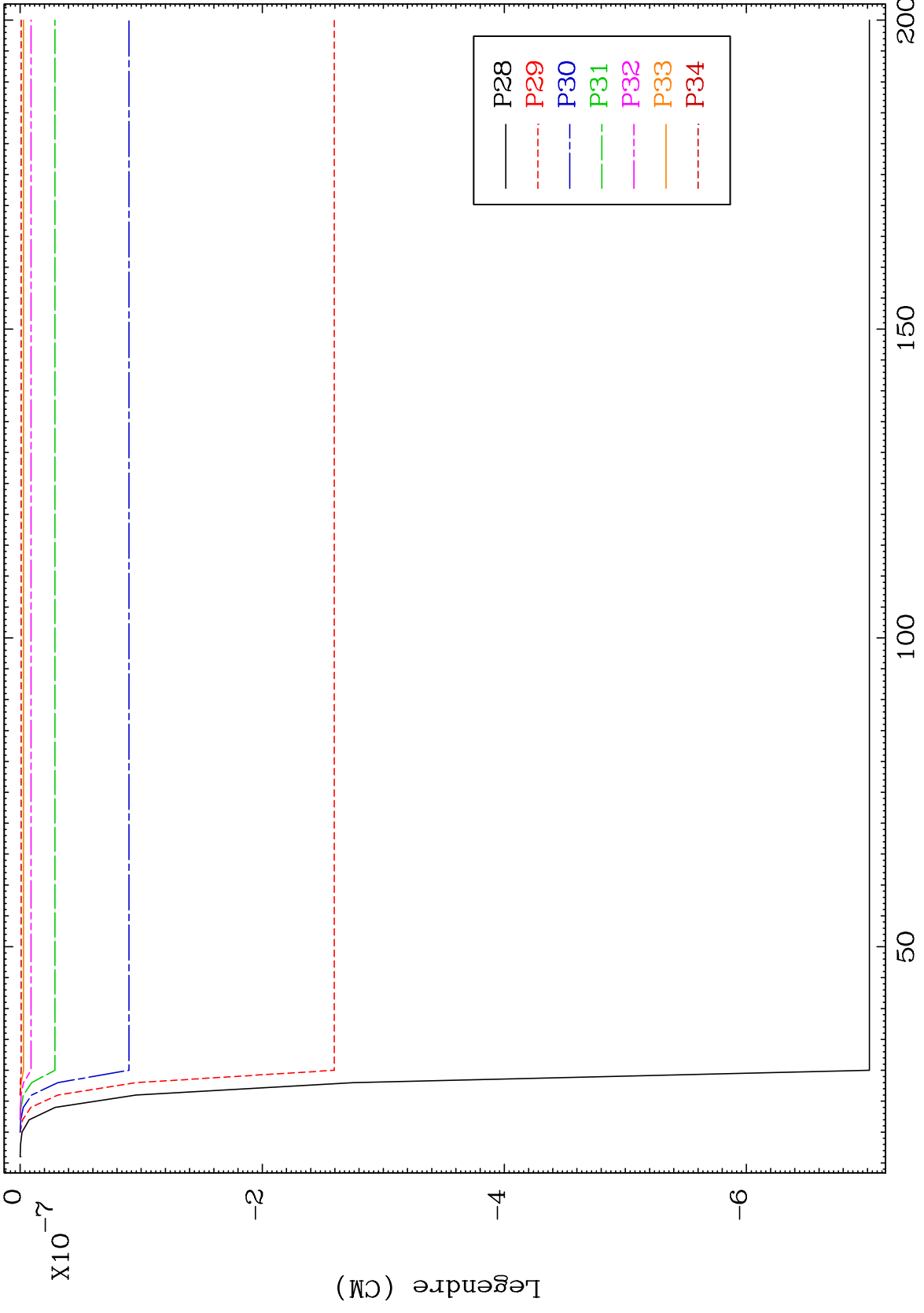


116

Incident Energy (MeV)

52-Te-128

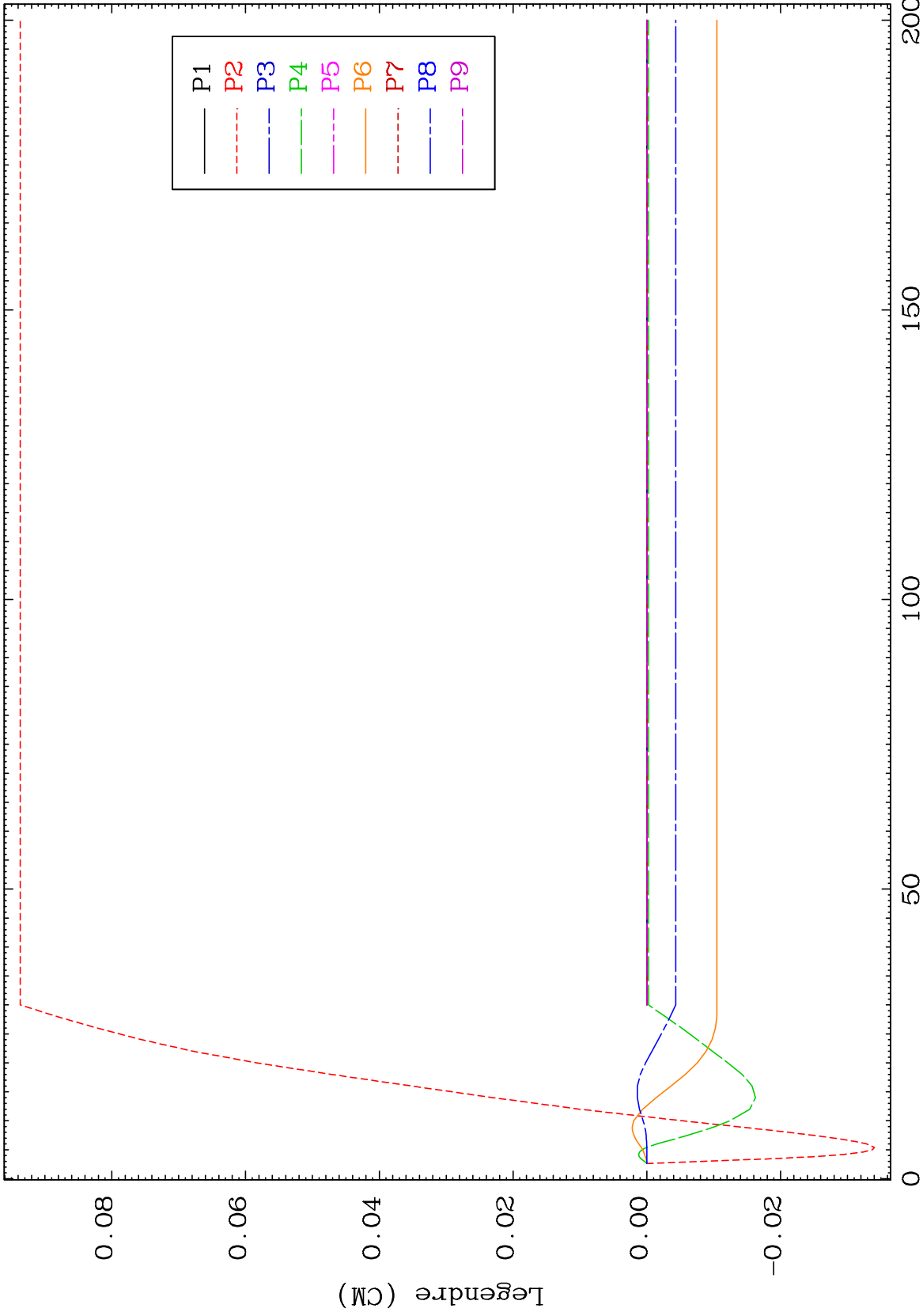
MAT 5249 MT= 77 (n,n') Level Legendre Coefficients 52-Te-128



MAT 5249

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

52-Te-128



118

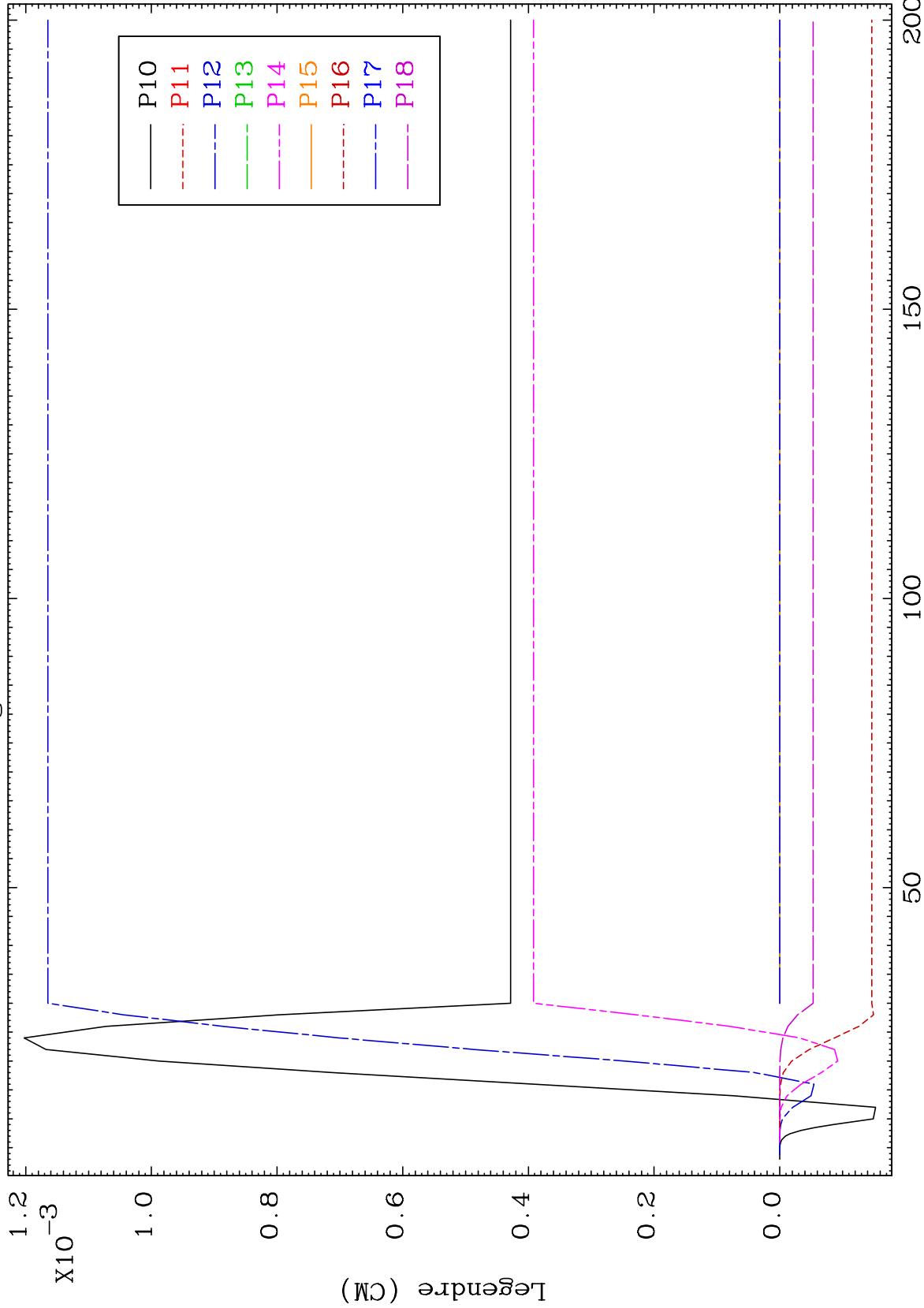
Incident Energy (MeV)

52-Te-128

MAT 5249

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

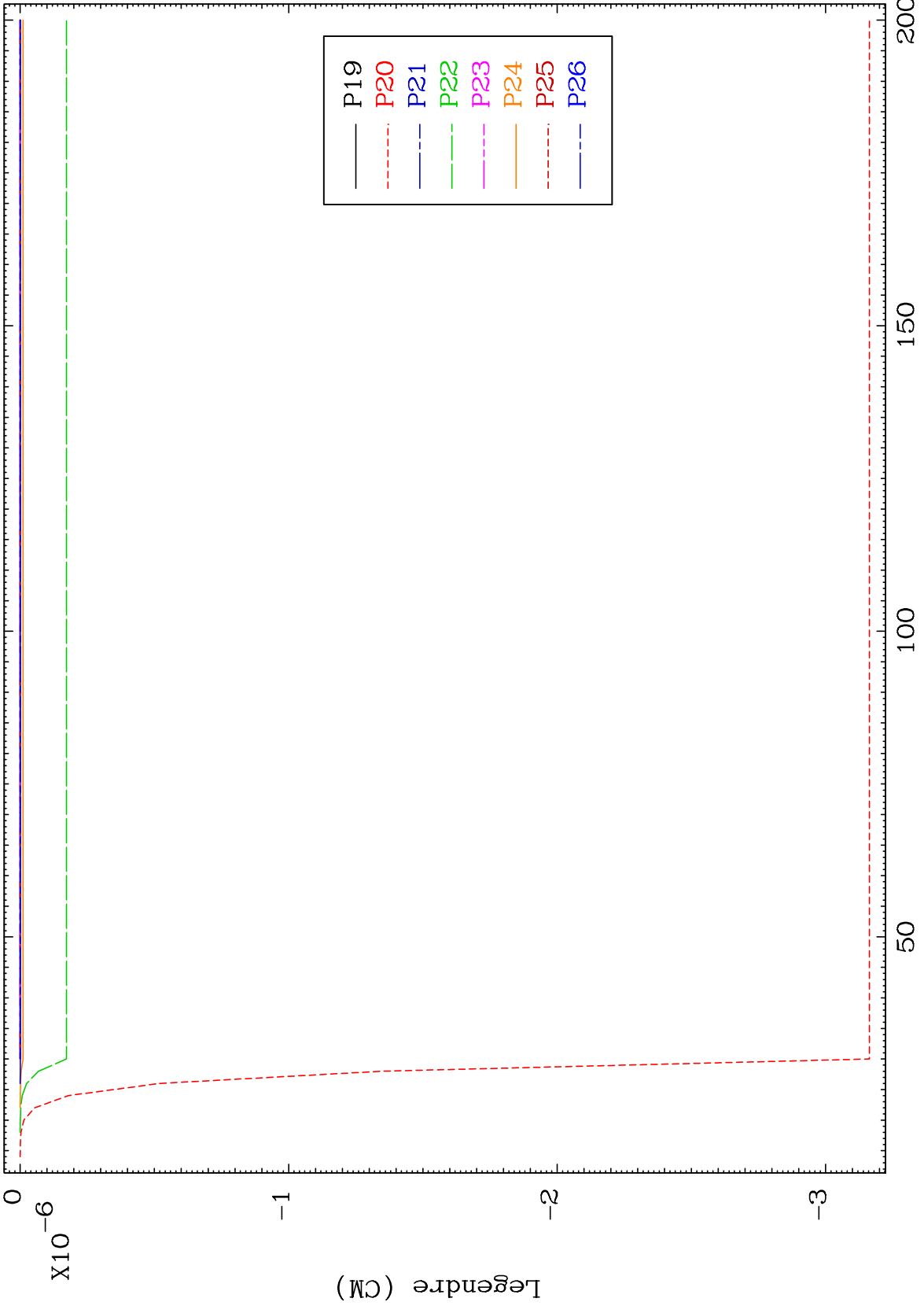
52-Te-128



119

52-Te-128

MAT 5249 MT= 78 (n,n') Level Legendre Coefficients 52-Te-128

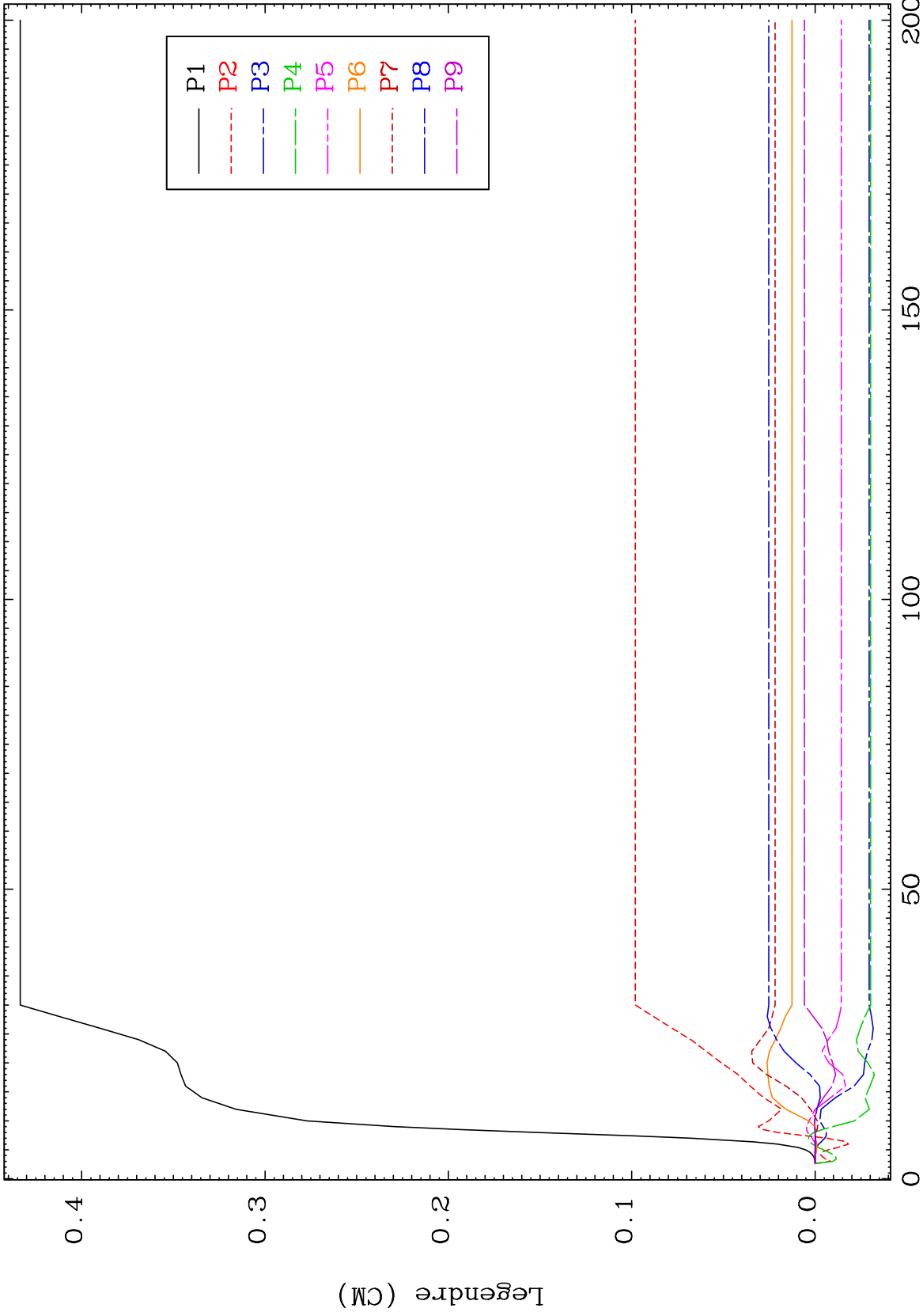


120 Incident Energy (MeV) 52-Te-128

MAT 5249

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

52-Te-128



121

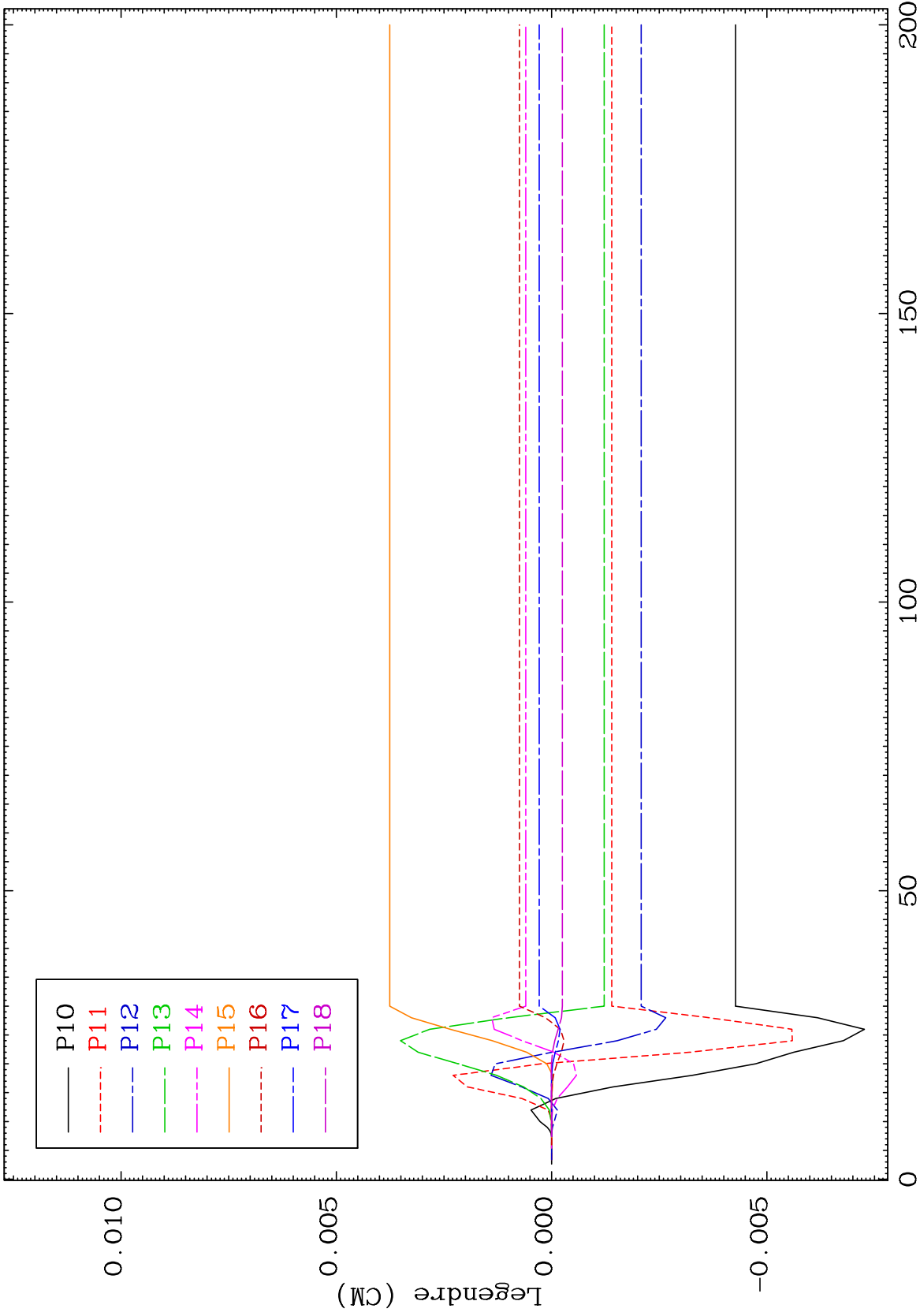
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



122

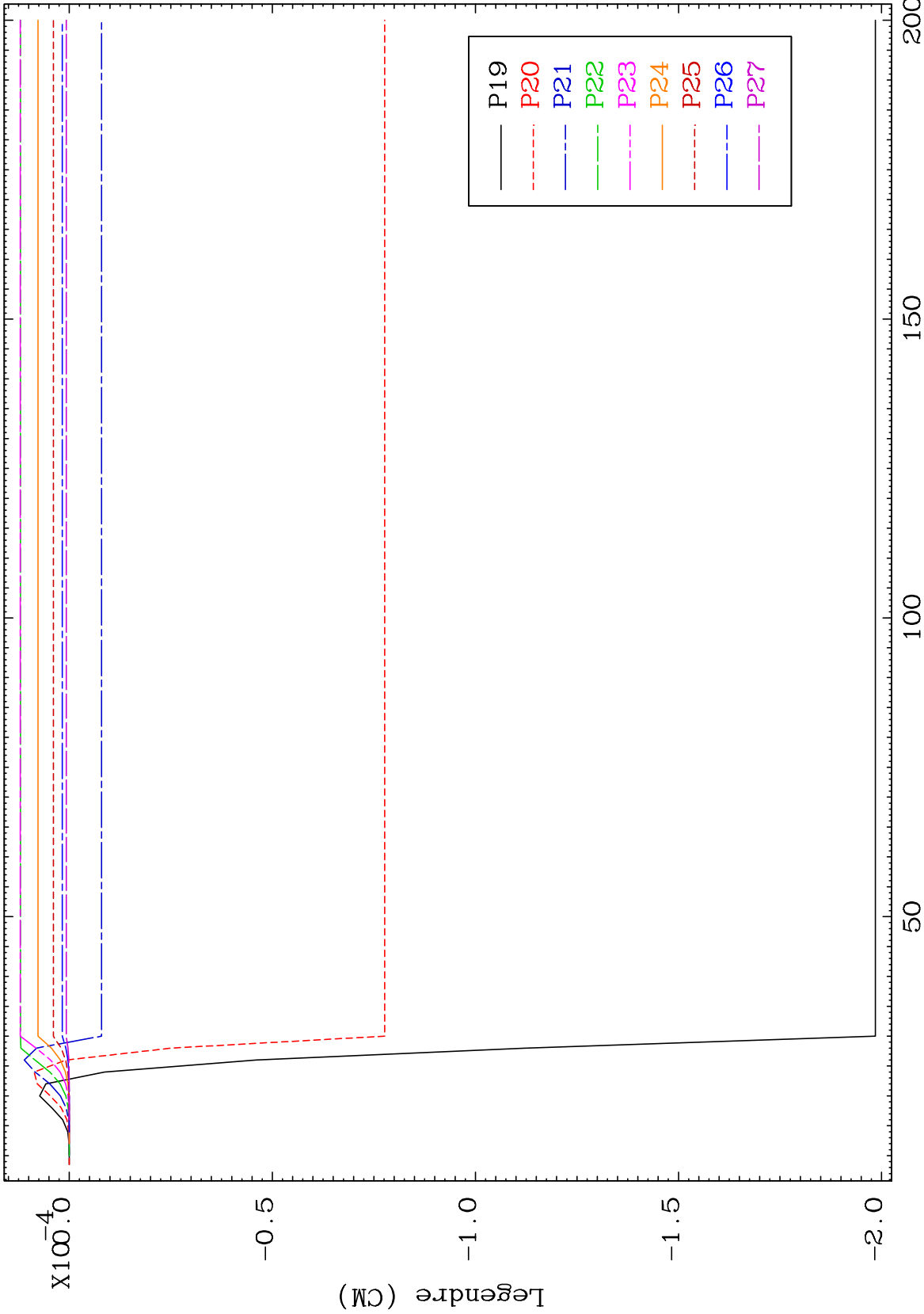
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



123

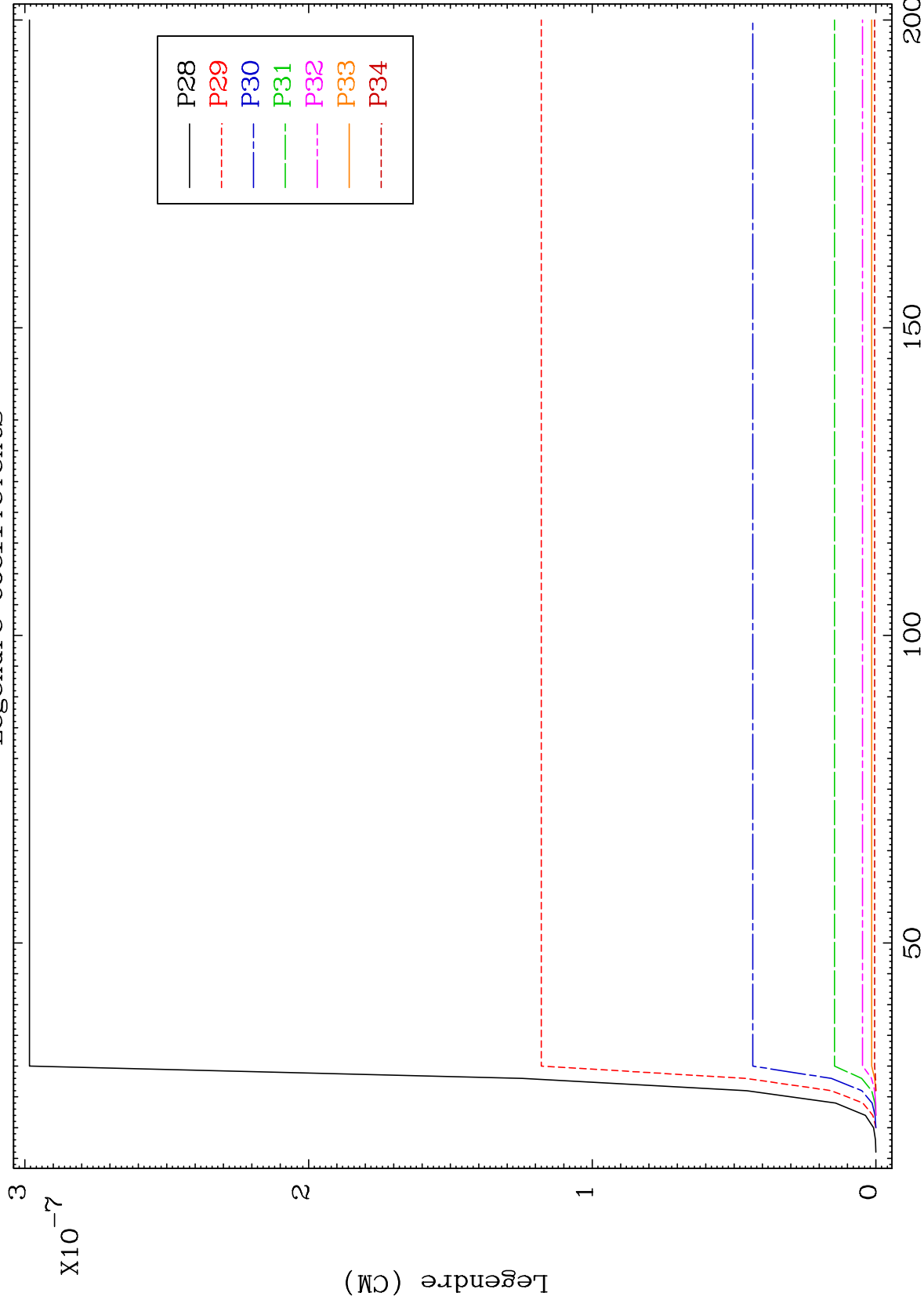
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128

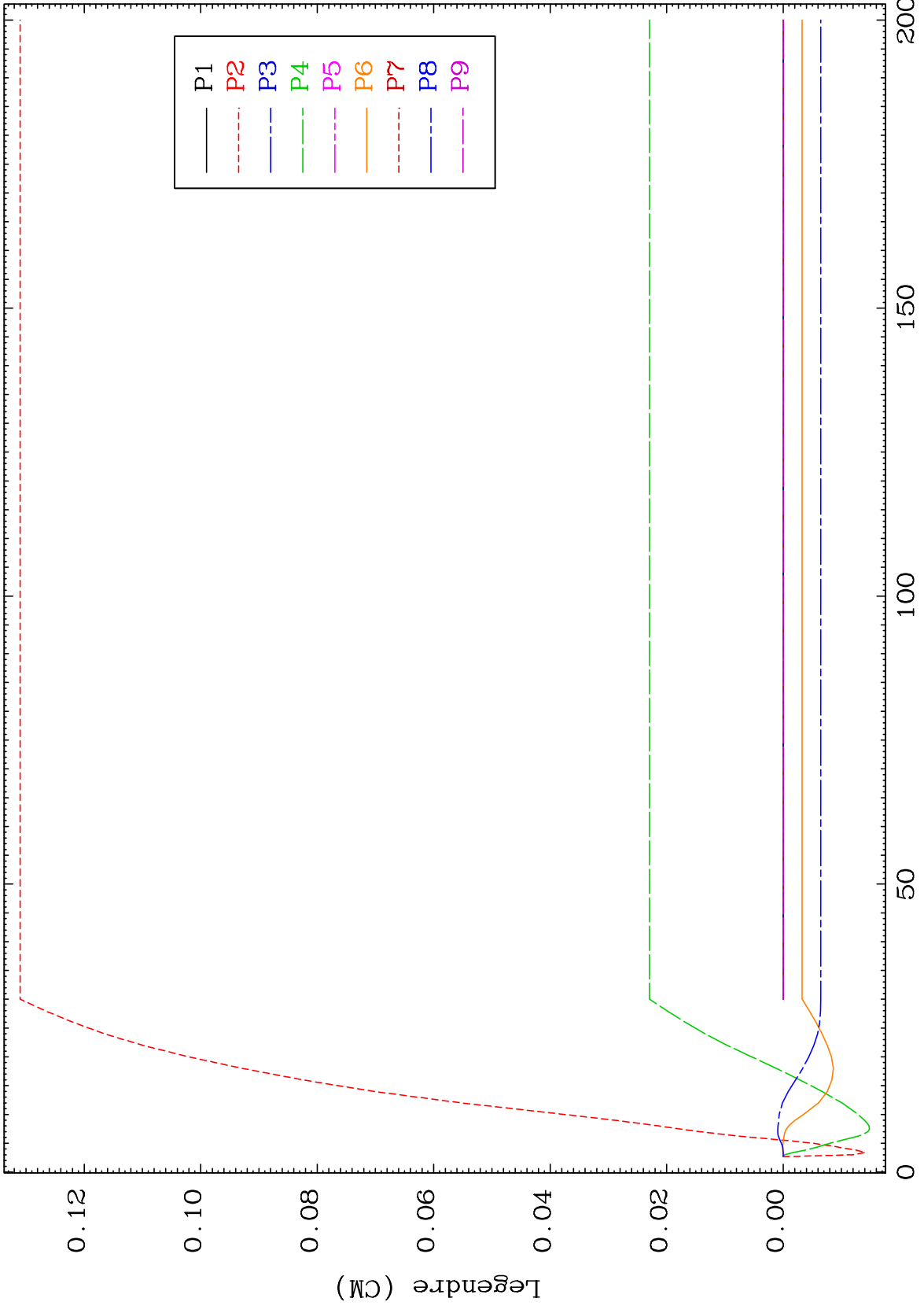


124

Incident Energy (MeV)

52-Te-128

MAT 5249 MT= 80 (n,n') Level Legendre Coefficients 52-Te-128

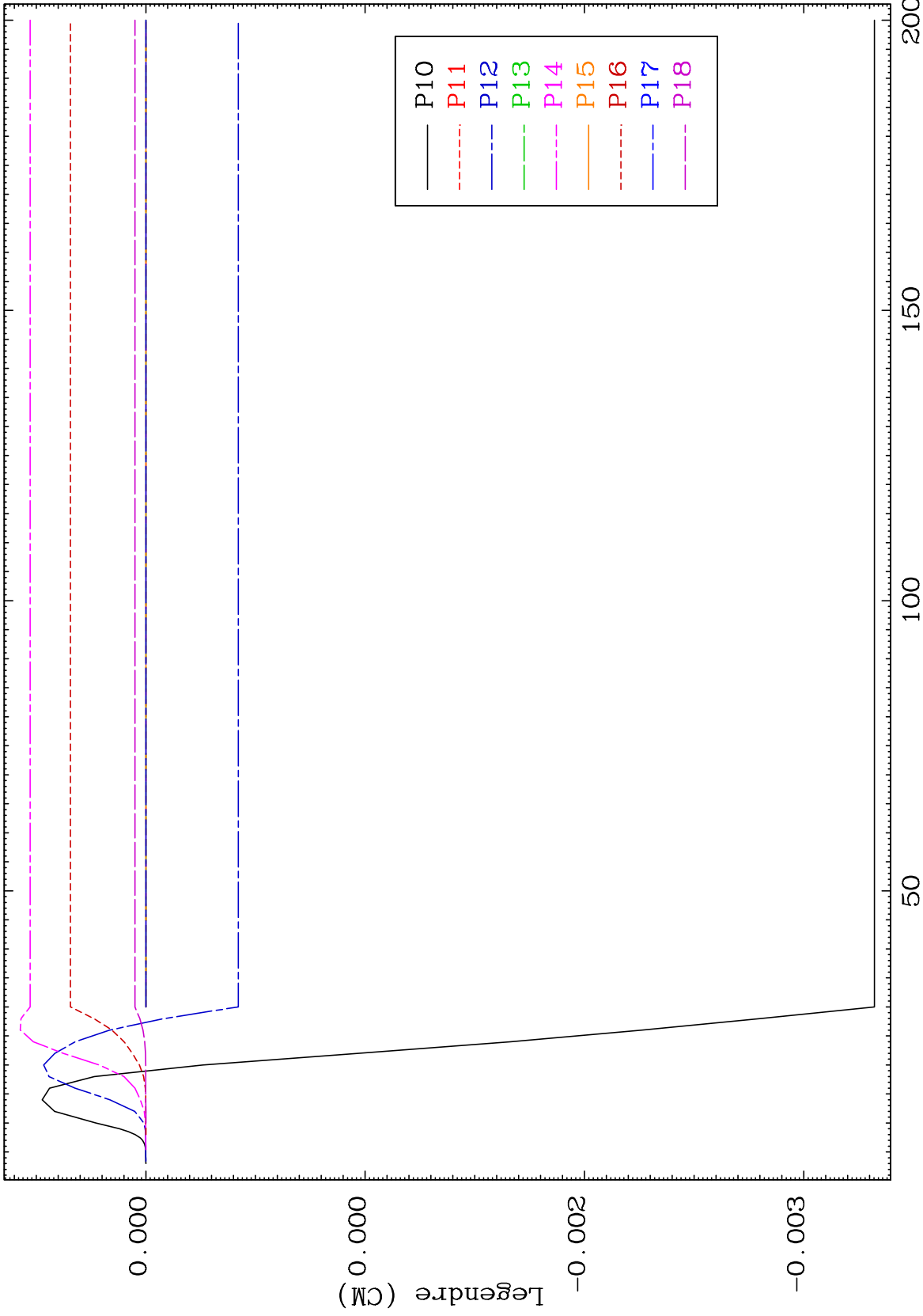


Legendre (CM) Incident Energy (MeV) 52-Te-128

MAT 5249

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

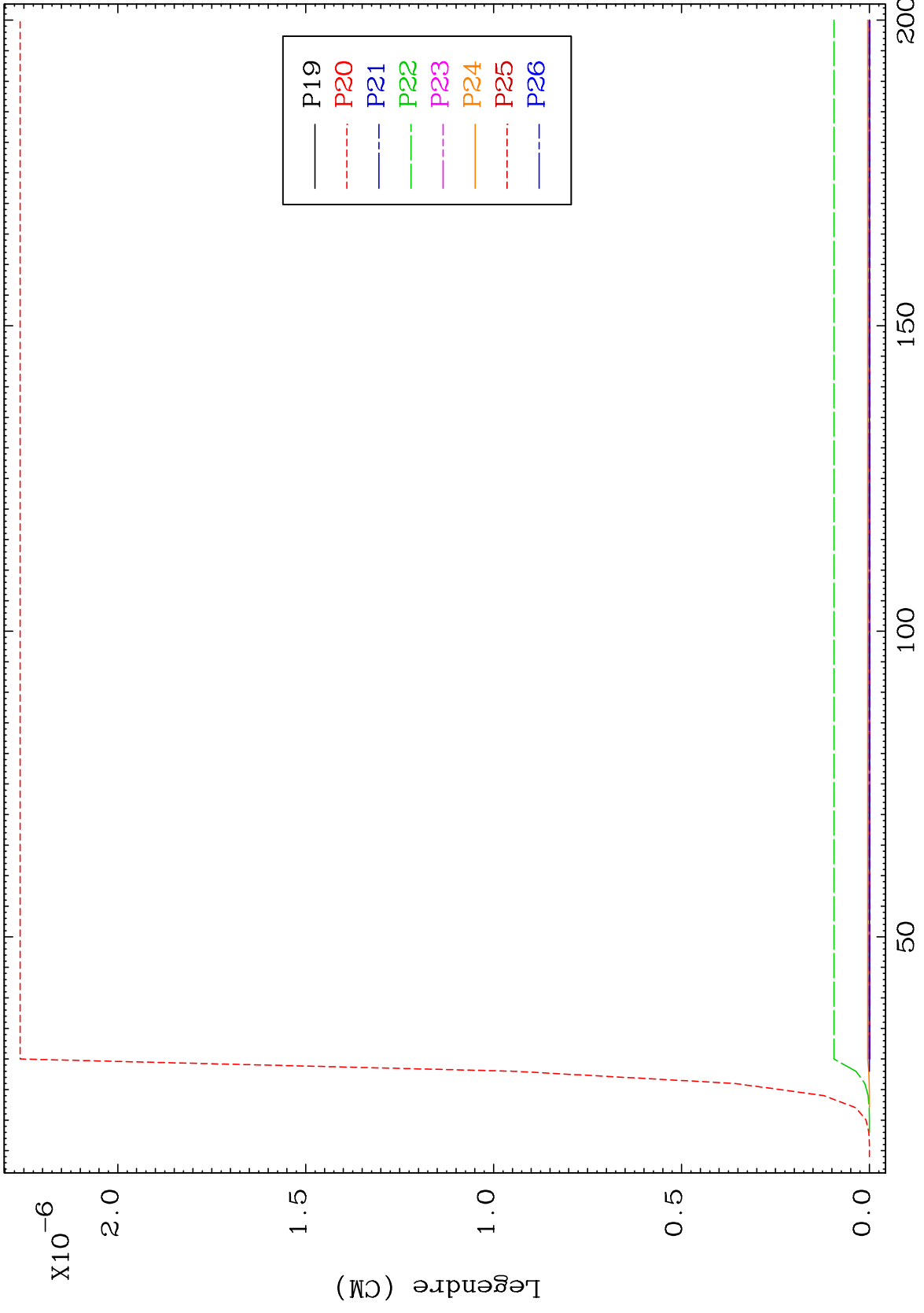
52-Te-128



126

52-Te-128

MAT 5249 MT= 80 (n,n') Level Legendre Coefficients 52-Te-128

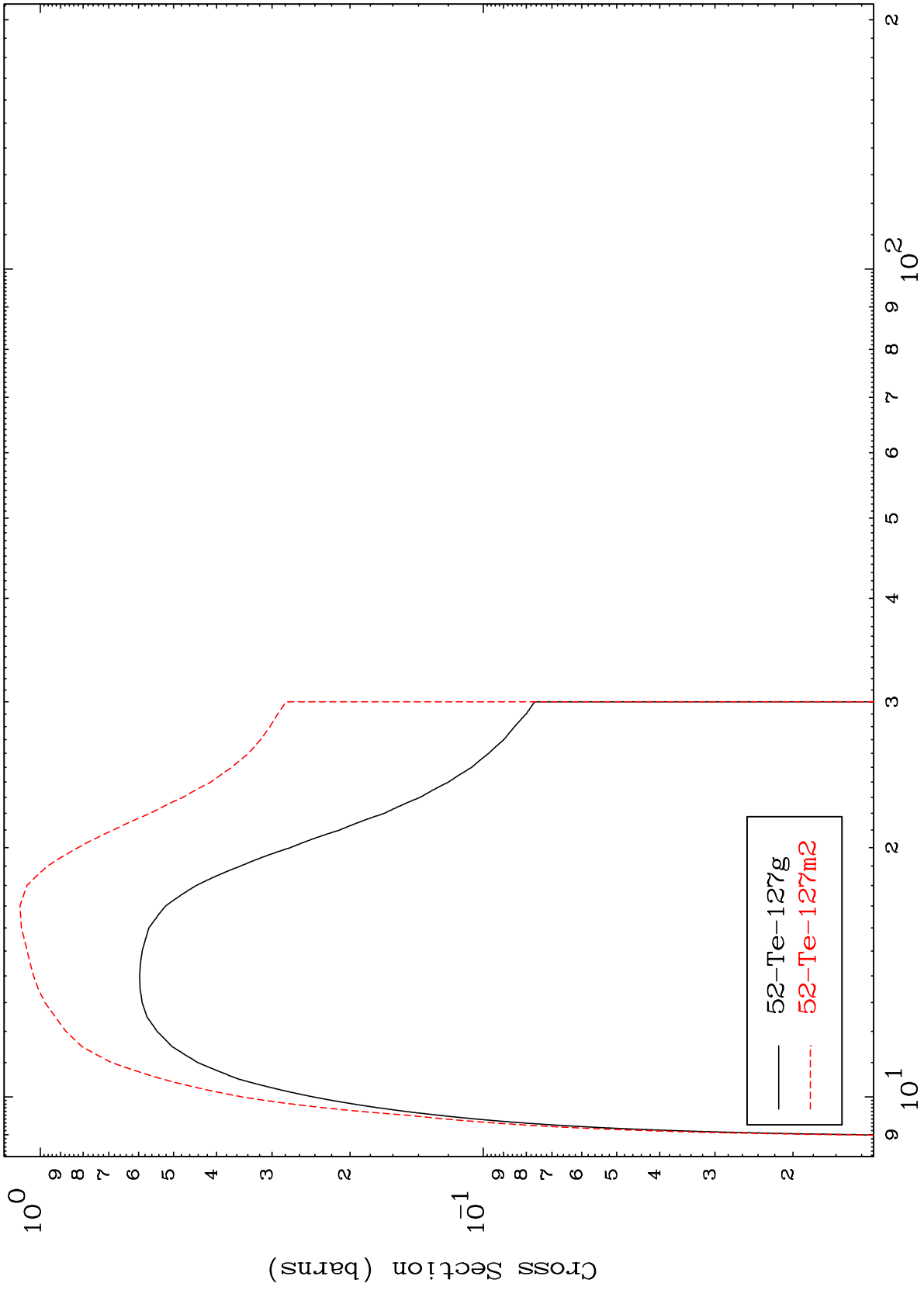


127 Incident Energy (MeV) 52-Te-128

MAT 5249

52-Te-128

(n,2n)  
Radionuclide Production Cross Section



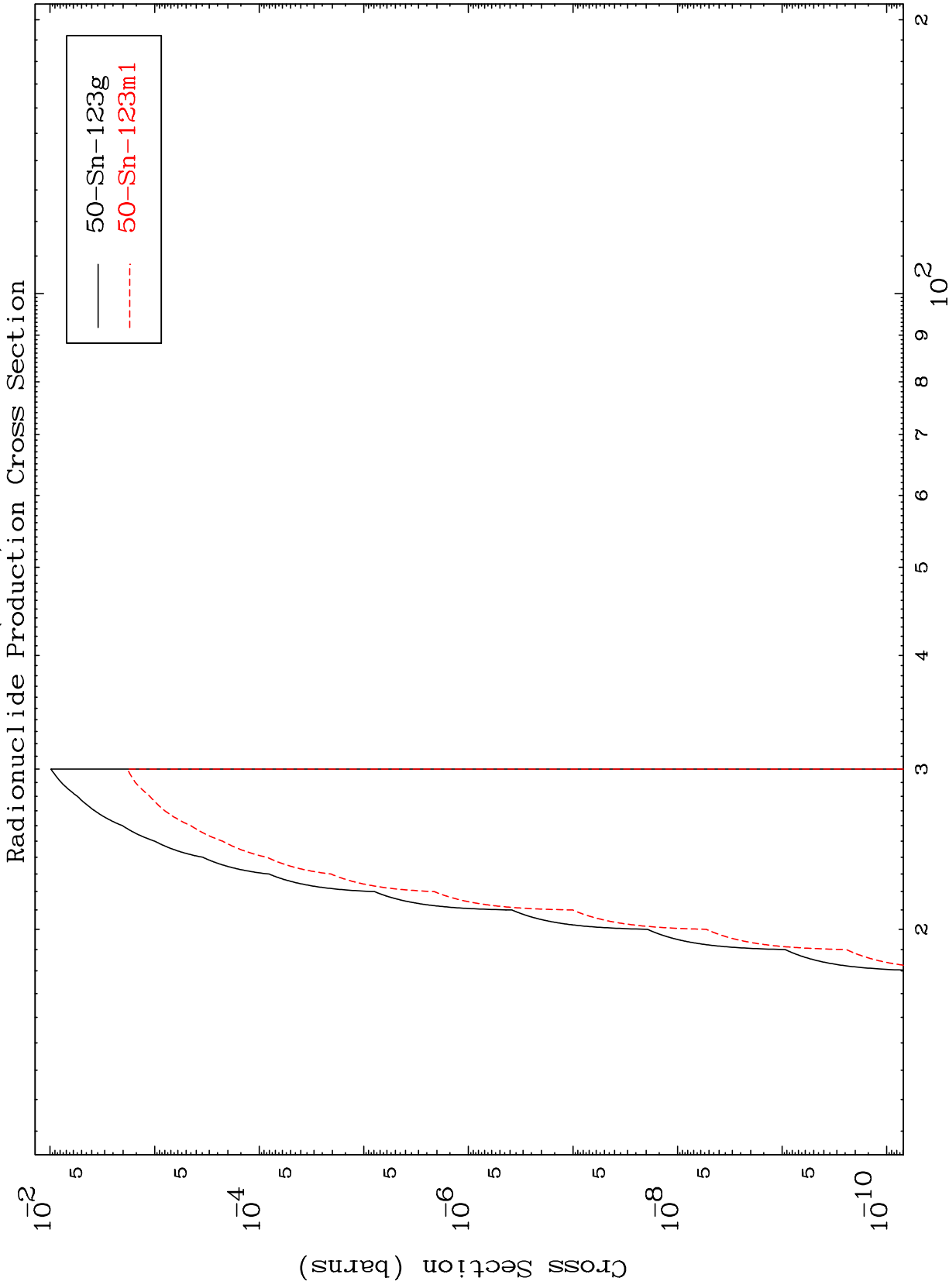
128

52-Te-128

MAT 5249

(n,2n)  $\alpha$

<sup>52</sup>Te-128



129

Incident Energy (MeV)

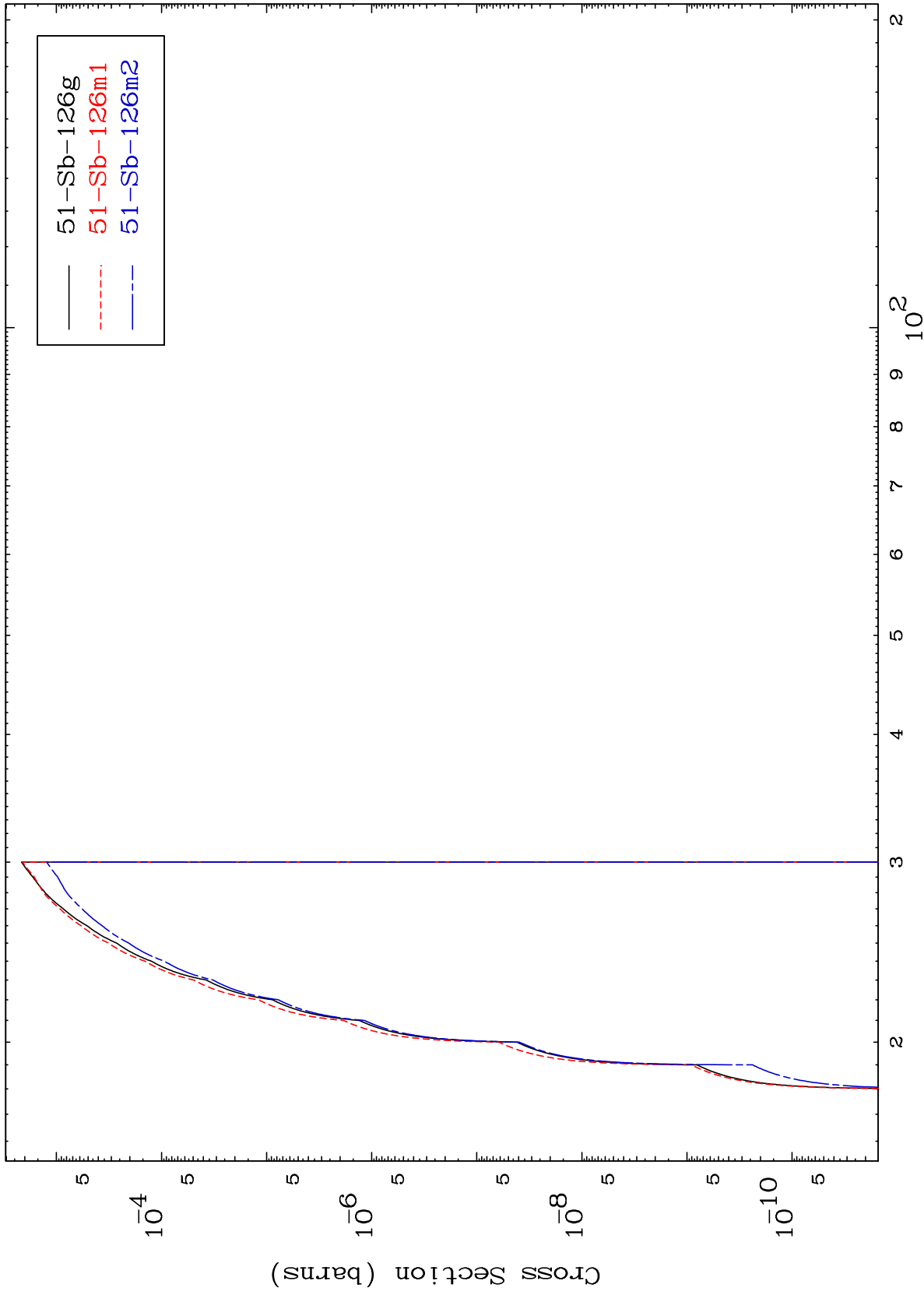
<sup>52</sup>Te-128

MAT 5249

(n,n') d

52-Te-128

Radionuclide Production Cross Section



130

Incident Energy (MeV)

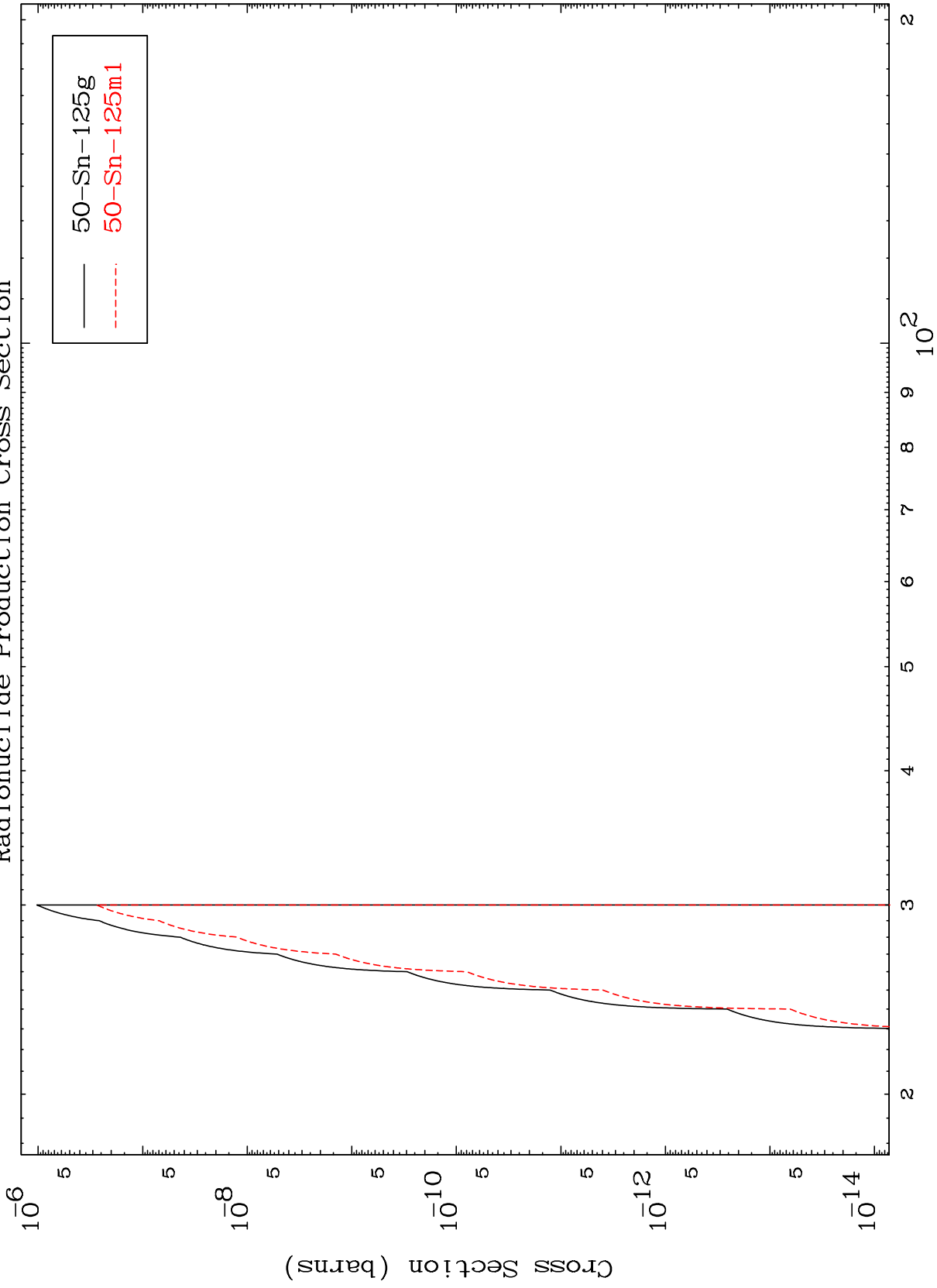
52-Te-128

MAT 5249

(n, n') He-3

52-Te-128

Radionuclide Production Cross Section



131

Incident Energy (MeV)

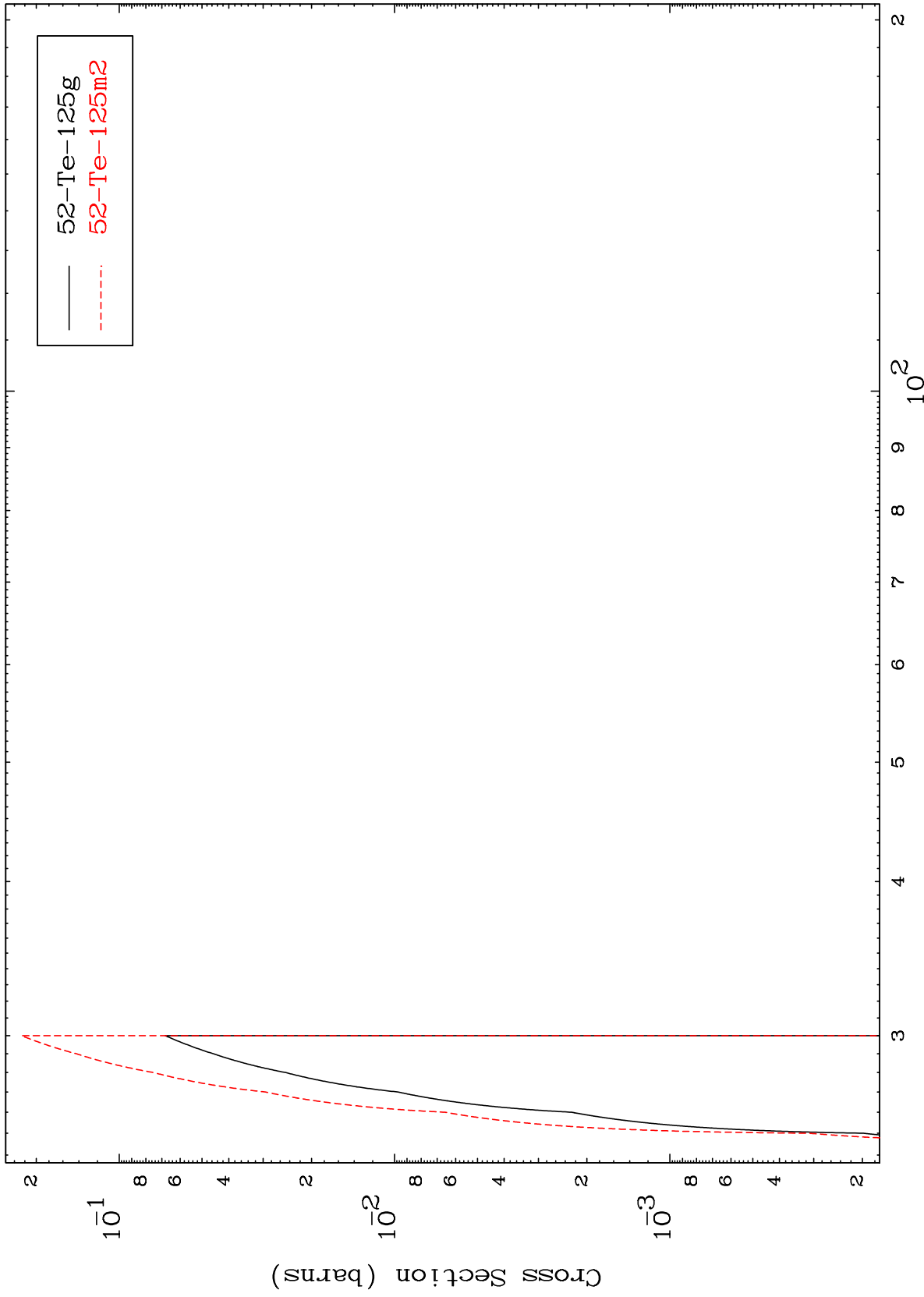
52-Te-128

MAT 5249

(n,4n)

52-Te-128

Radionuclide Production Cross Section



132

Incident Energy (MeV)

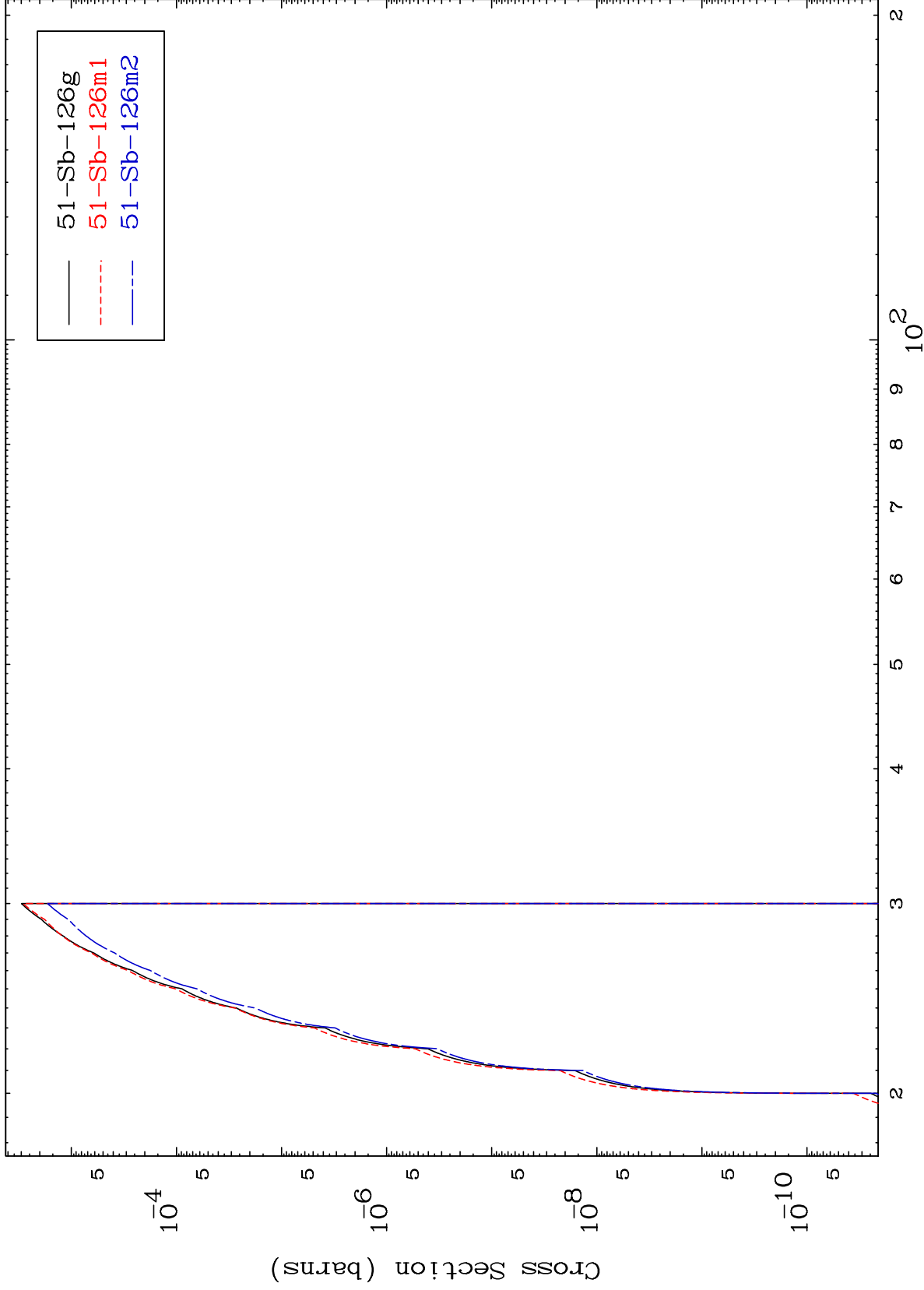
52-Te-128

MAT 5249

(n,2n) p

52-Te-128

Radionuclide Production Cross Section



133

Incident Energy (MeV)

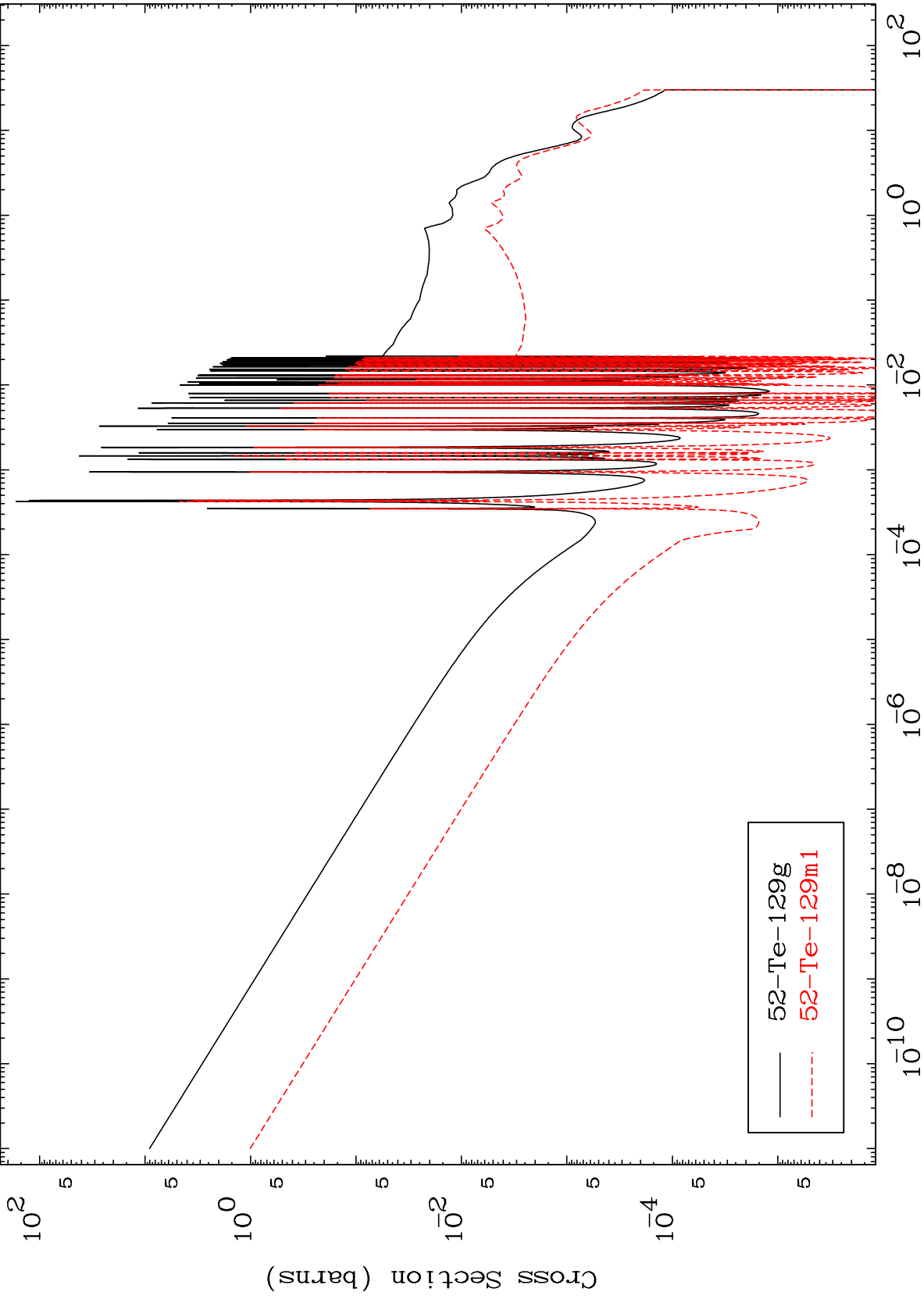
52-Te-128

MAT 5249

(n,γ)

52-Te-128

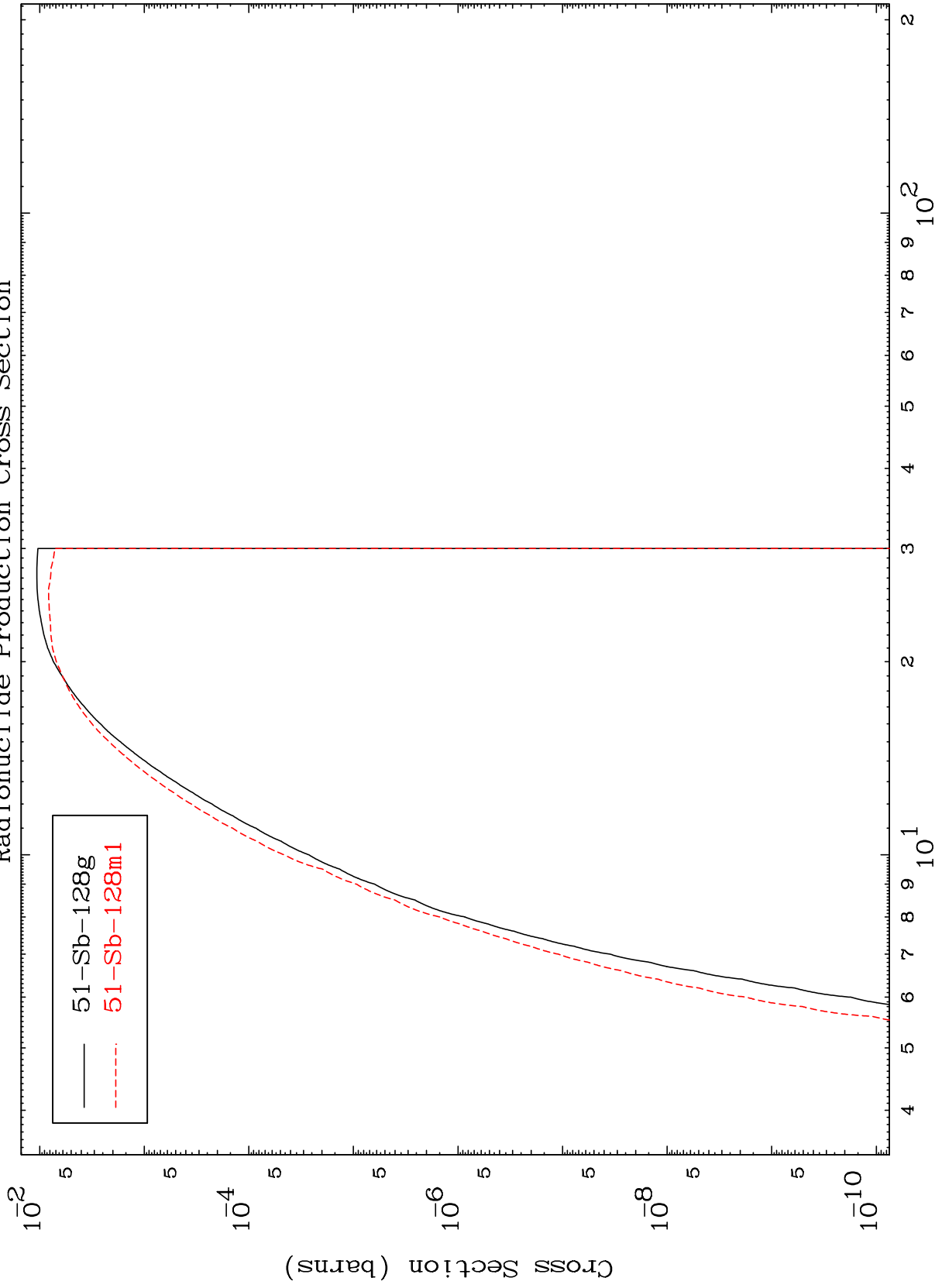
Radionuclide Production Cross Section



MAT 5249

52-Te-128

(n,p)  
Radionuclide Production Cross Section



135

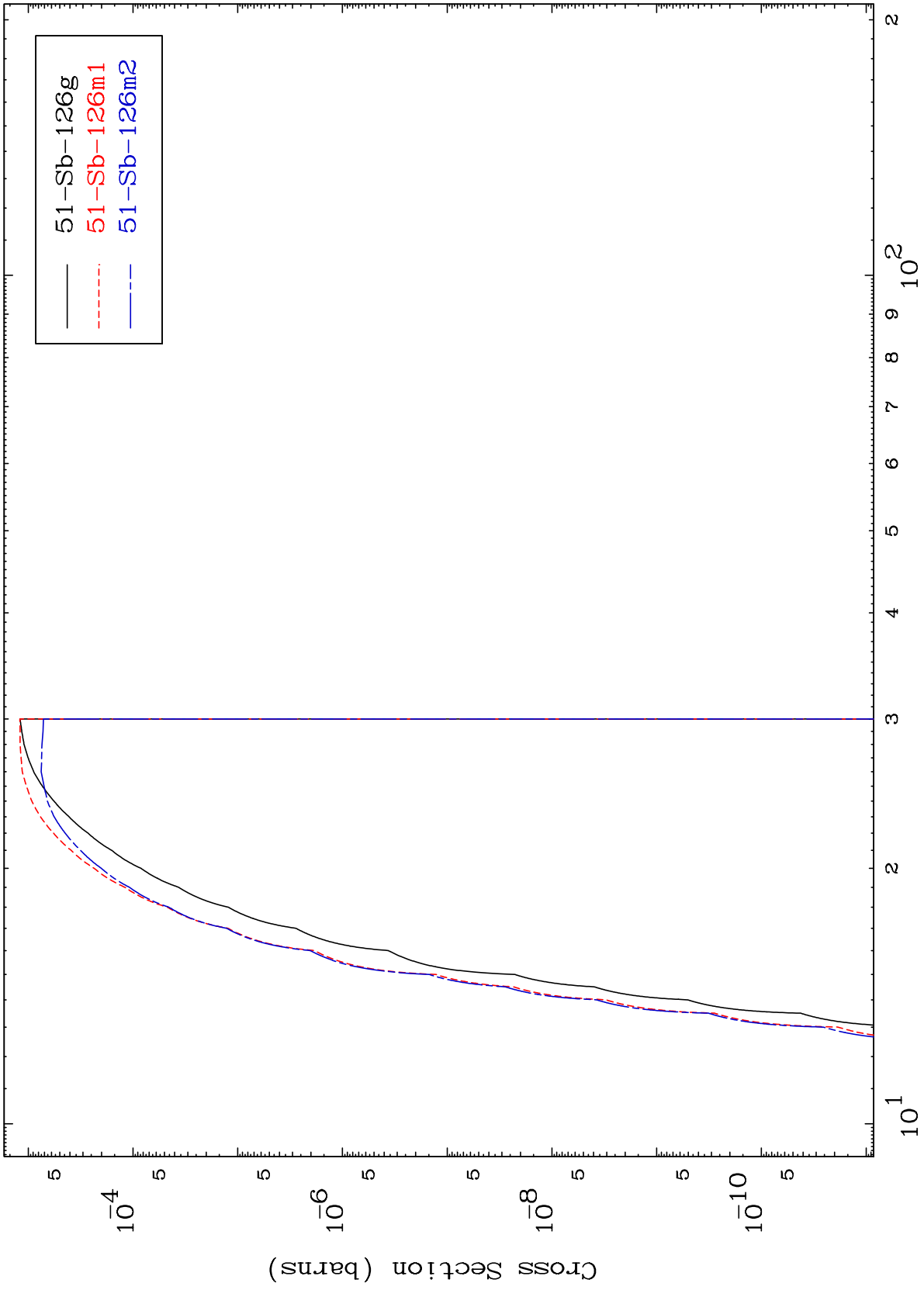
Incident Energy (MeV)

52-Te-128

MAT 5249

52-Te-128

(n, t)  
Radionuclide Production Cross Section



136

Incident Energy (MeV)

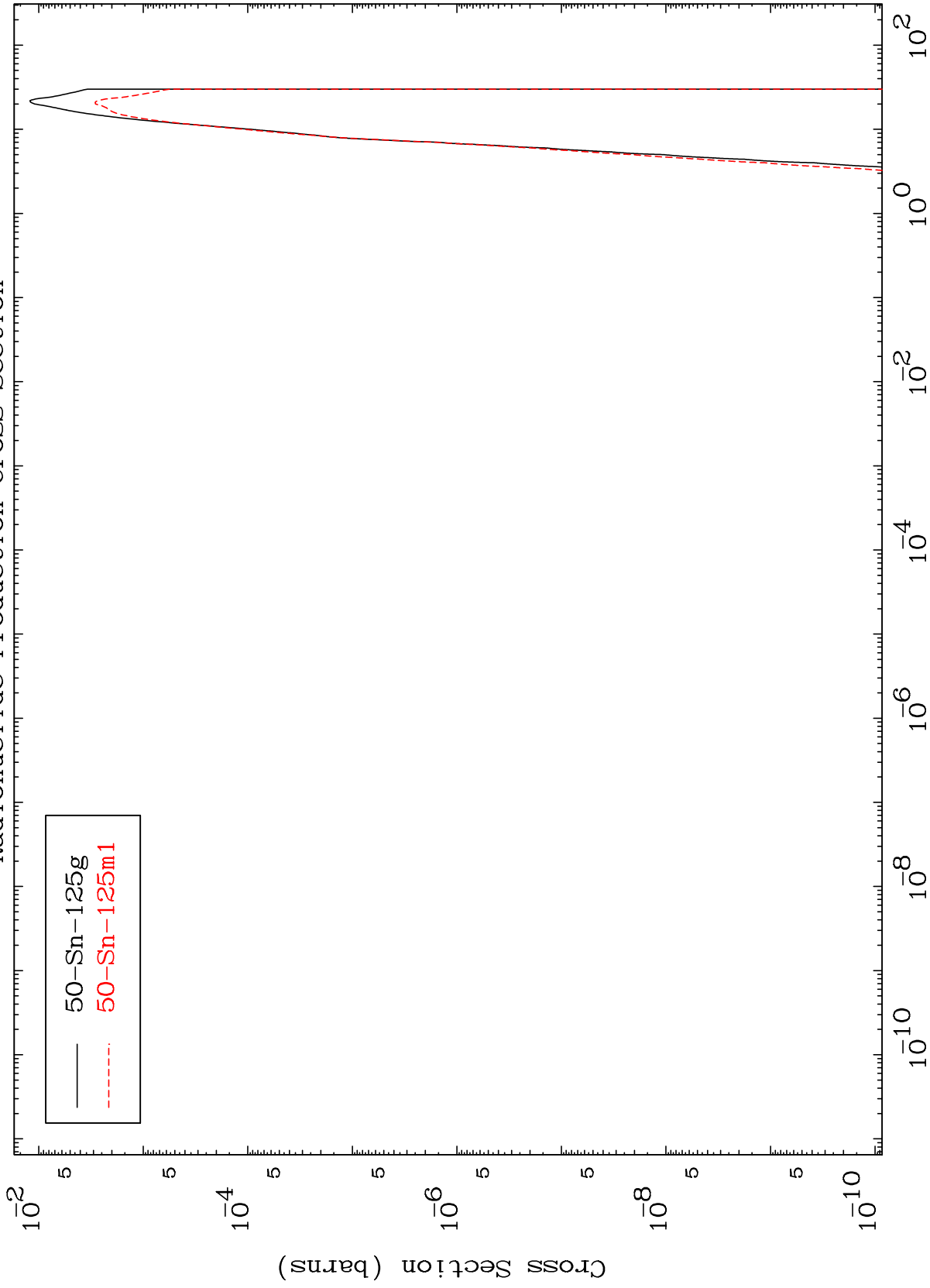
52-Te-128

MAT 5249

(n,  $\alpha$ )

<sup>52</sup>Te-128

Radionuclide Production Cross Section



137

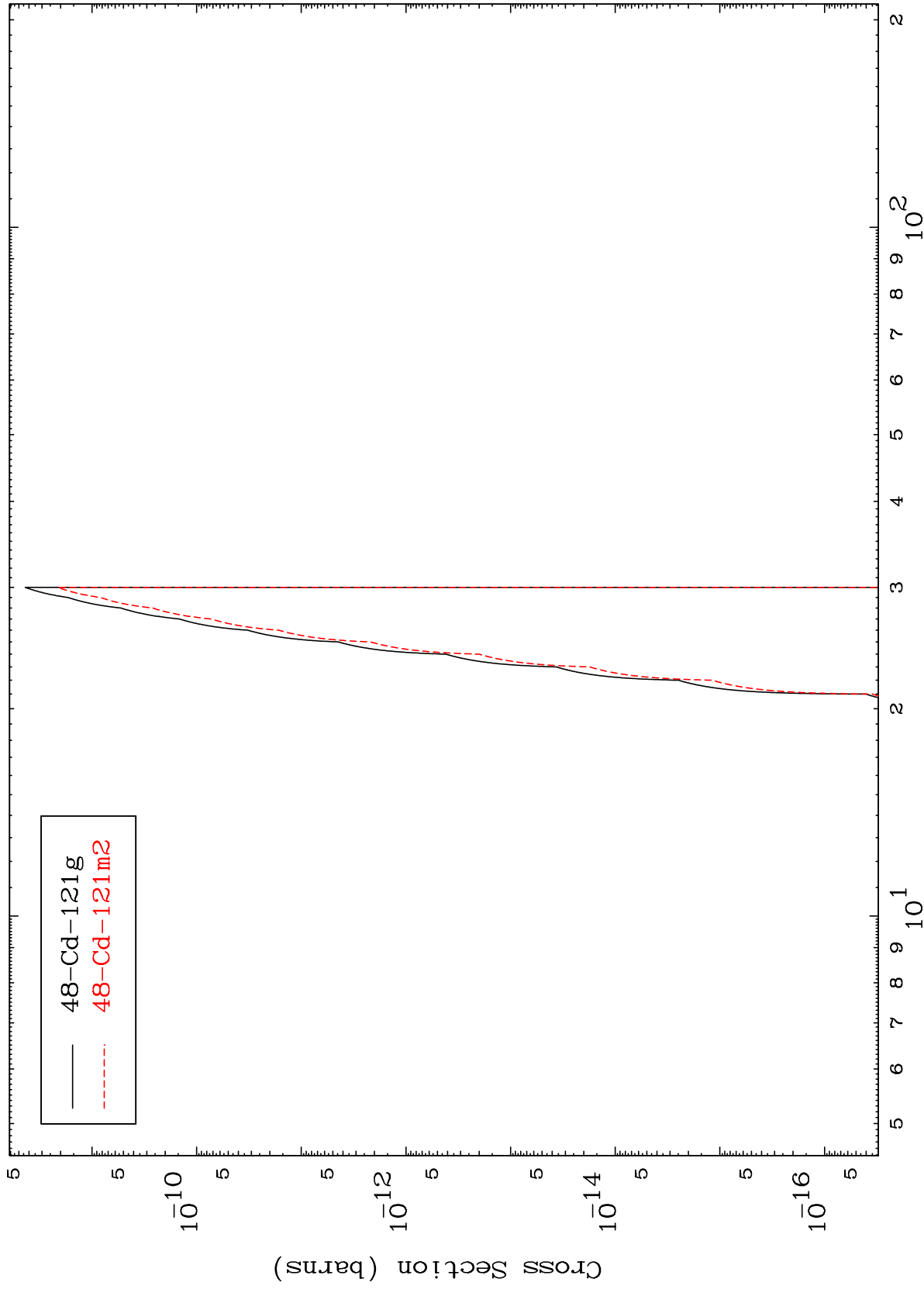
Incident Energy (MeV)

<sup>52</sup>Te-128

MAT 5249

52-Te-128

Radionuclide Production Cross Section



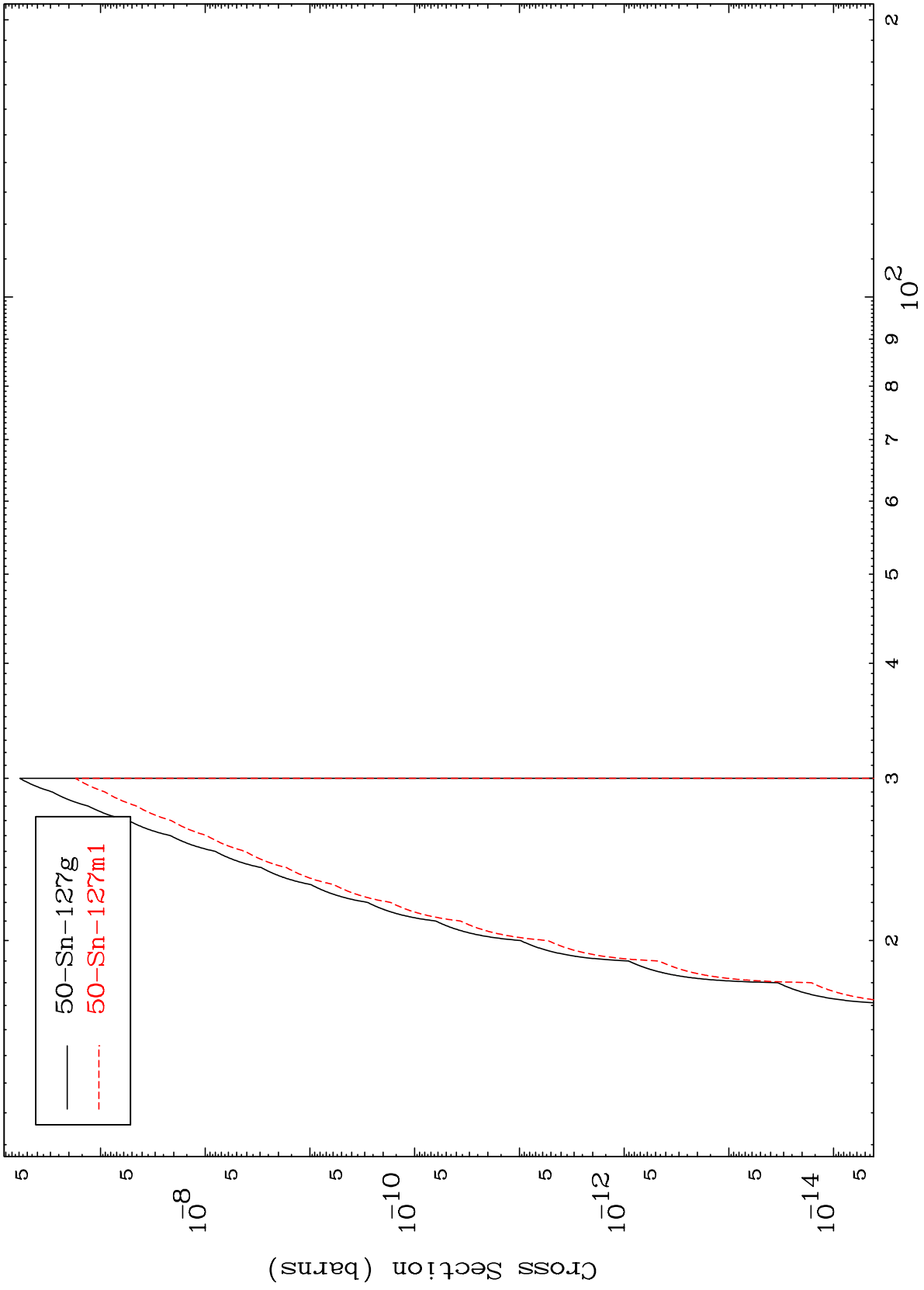
138

52-Te-128

MAT 5249

52-Te-128

Radionuclide Production Cross Section  
(n,2p)



139

52-Te-128

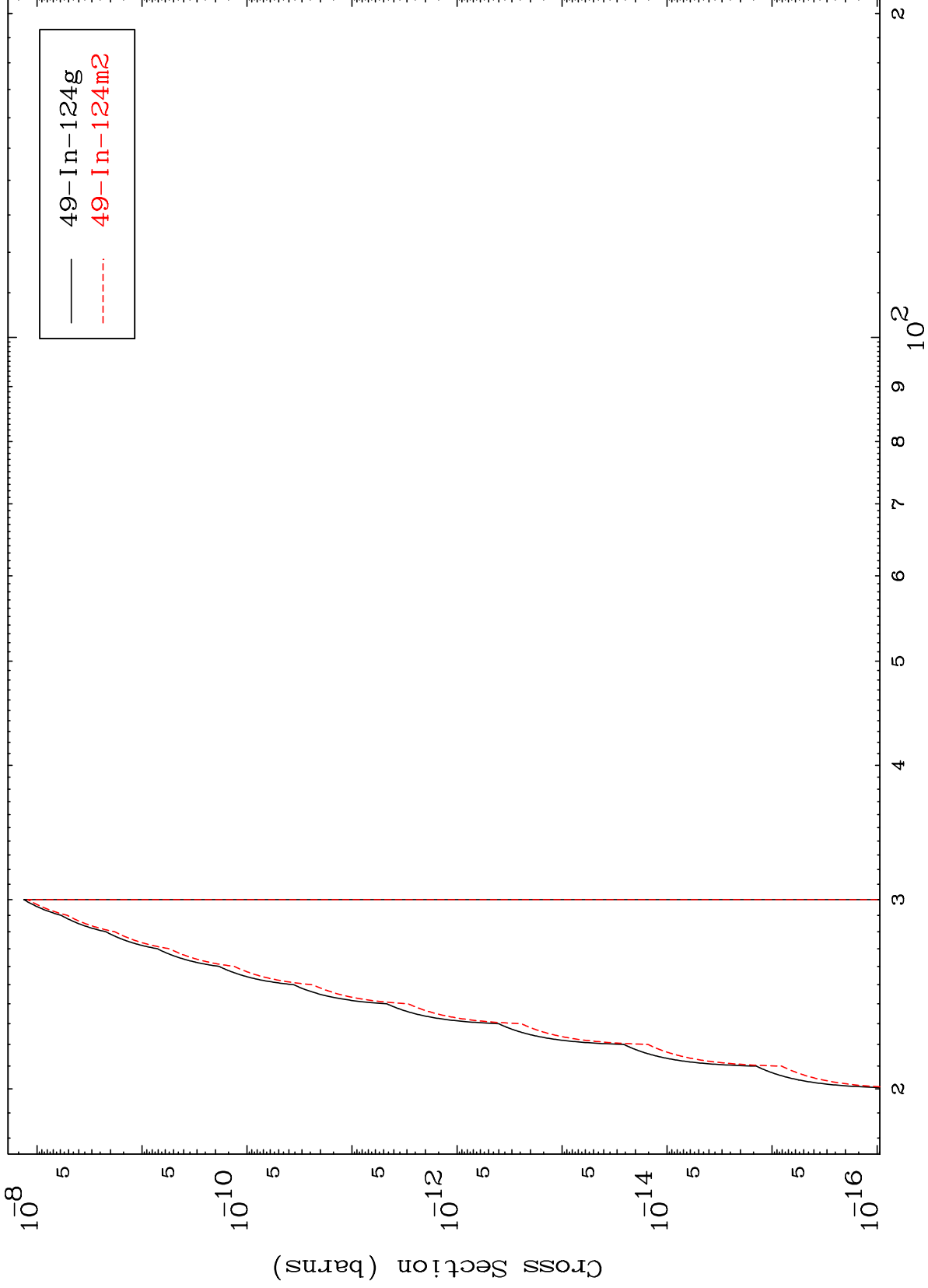
Incident Energy (MeV)

MAT 5249

(n,p)  $\alpha$

52-Te-128

Radionuclide Production Cross Section



140

Incident Energy (MeV)

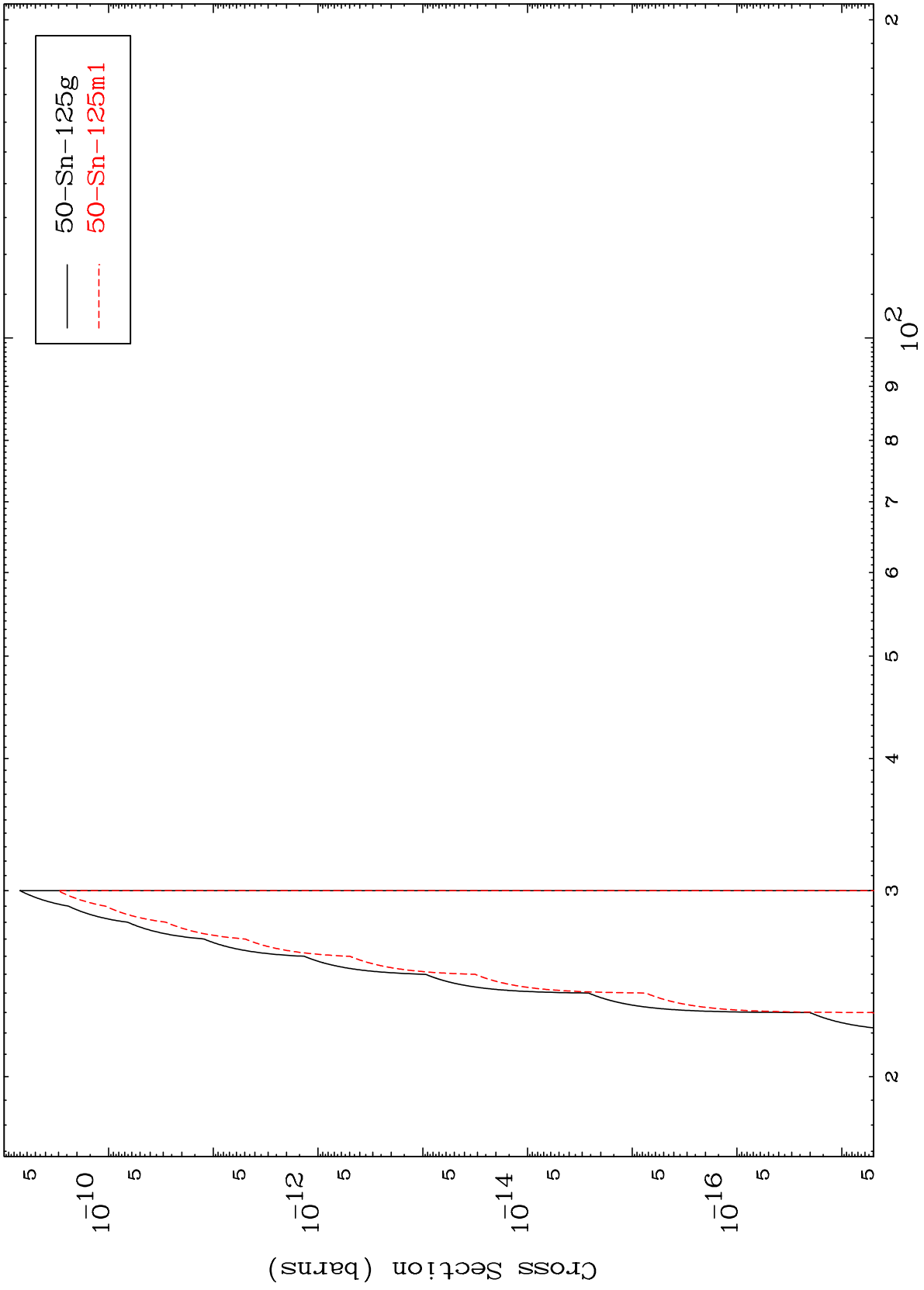
52-Te-128

MAT 5249

(n,p) t

<sup>52</sup>Te-128

Radionuclide Production Cross Section



141

Incident Energy (MeV)

<sup>52</sup>Te-128