

Program EVALPLOT
(Version 2021-1)

by

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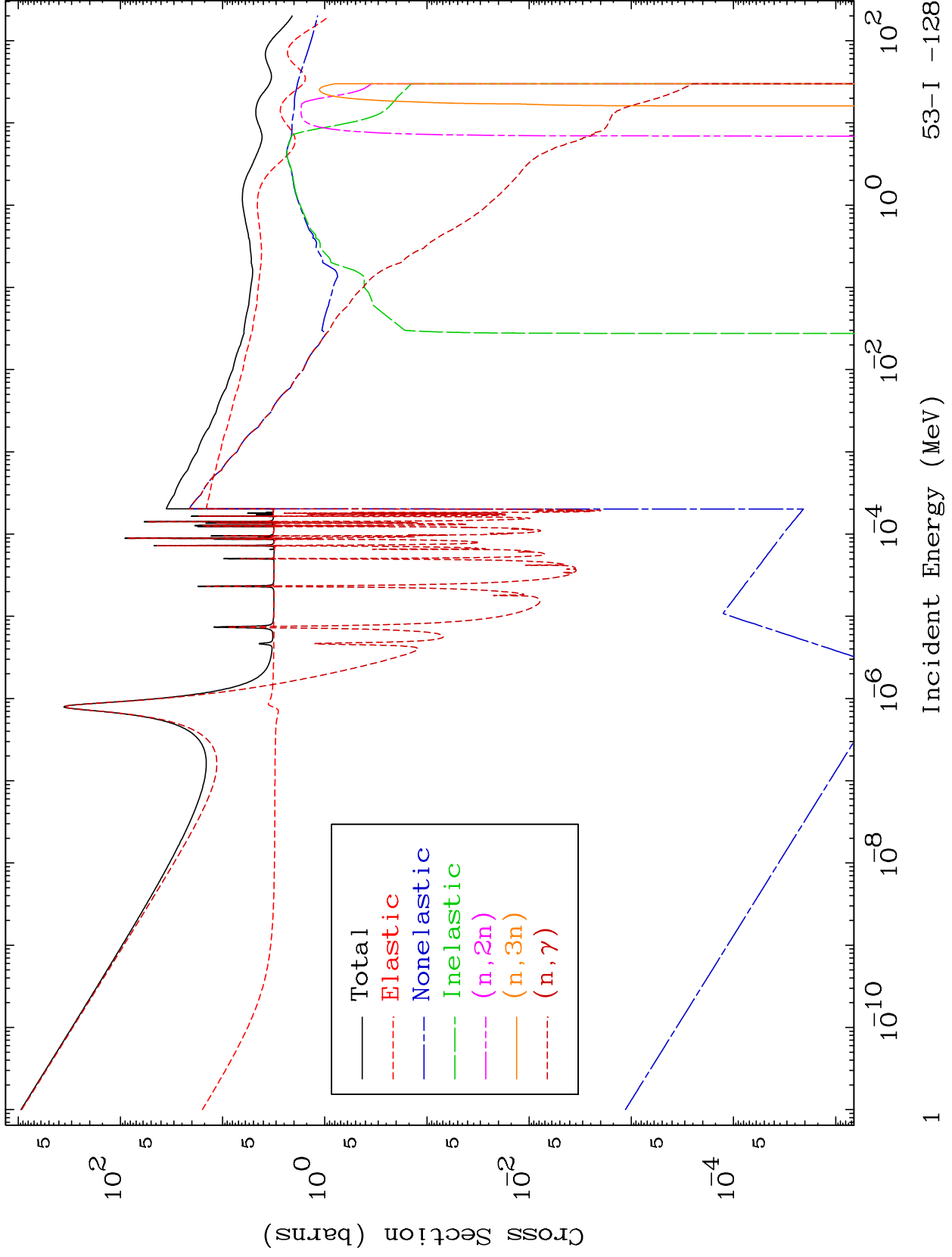
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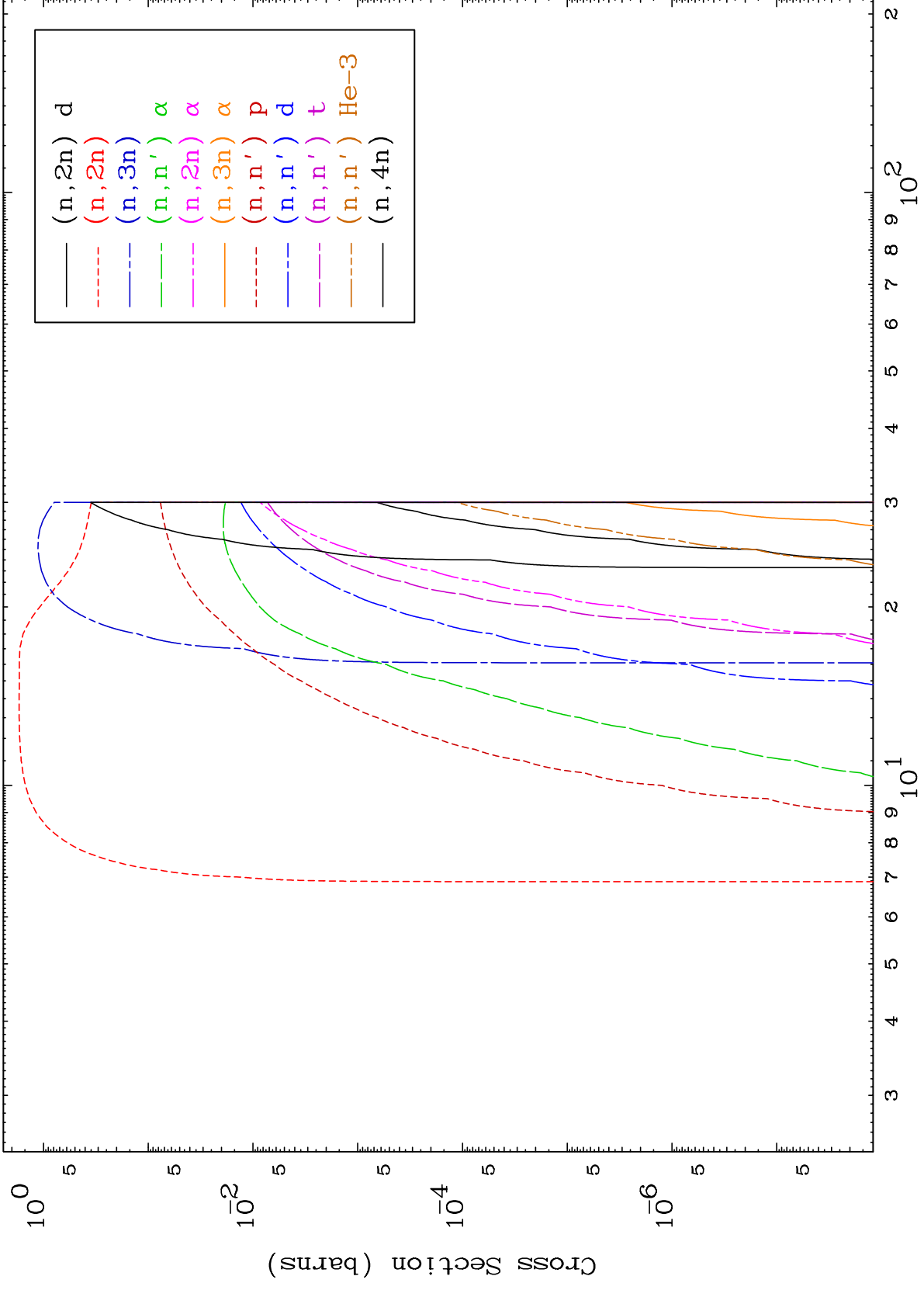
Press Mouse Button to Start

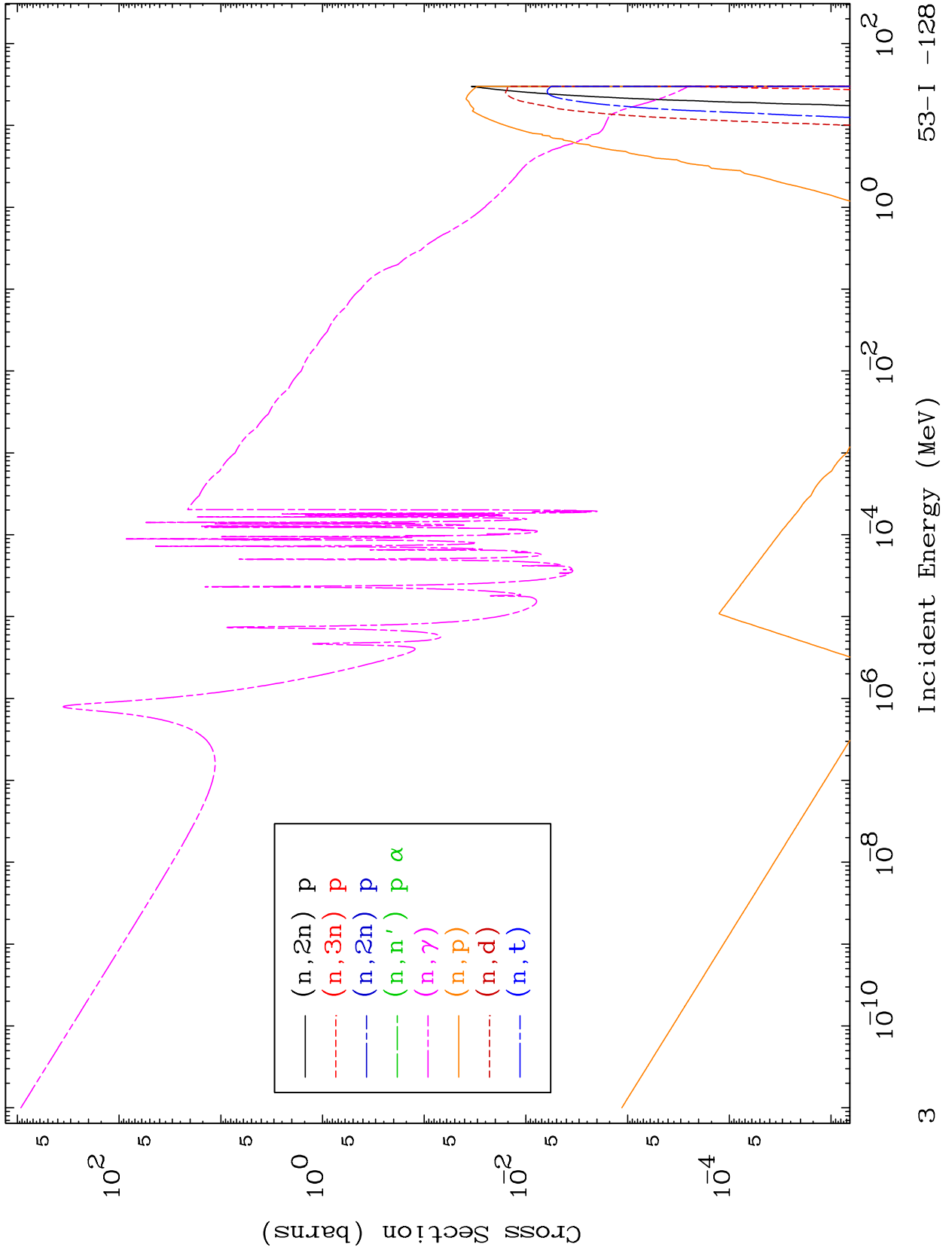
MAT 5328

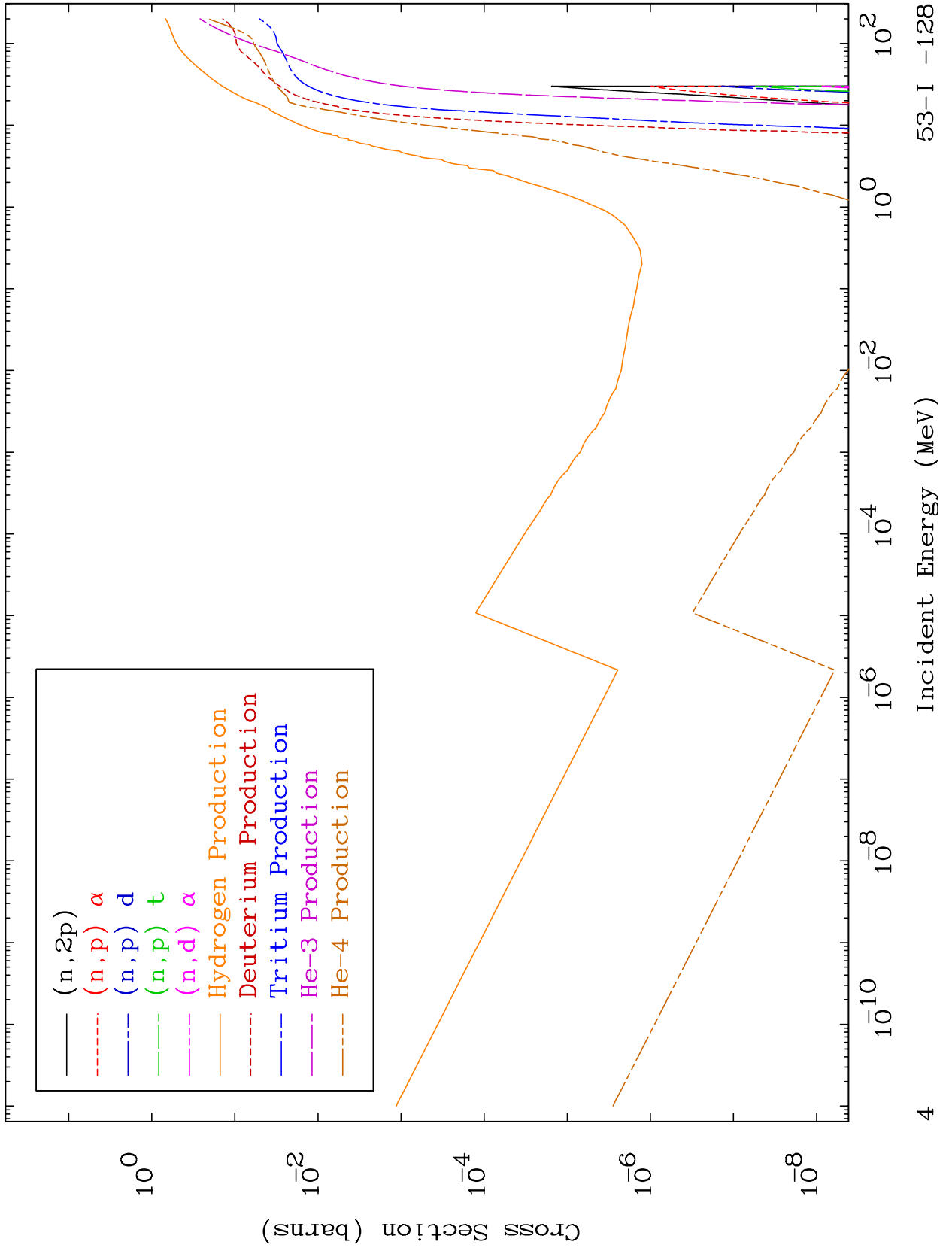
Neutron Major
293 Kelvin Cross Sections

53-I -128





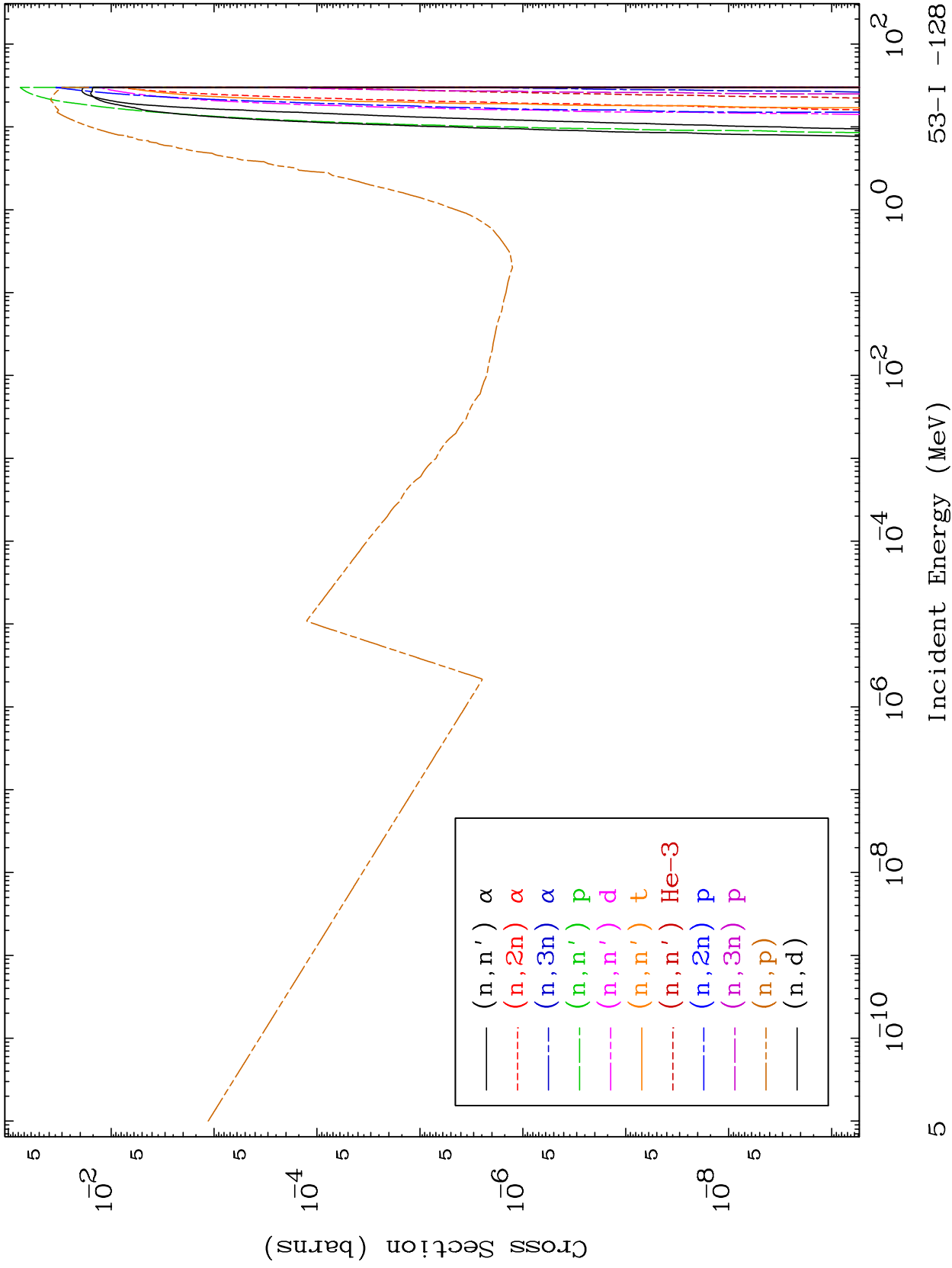


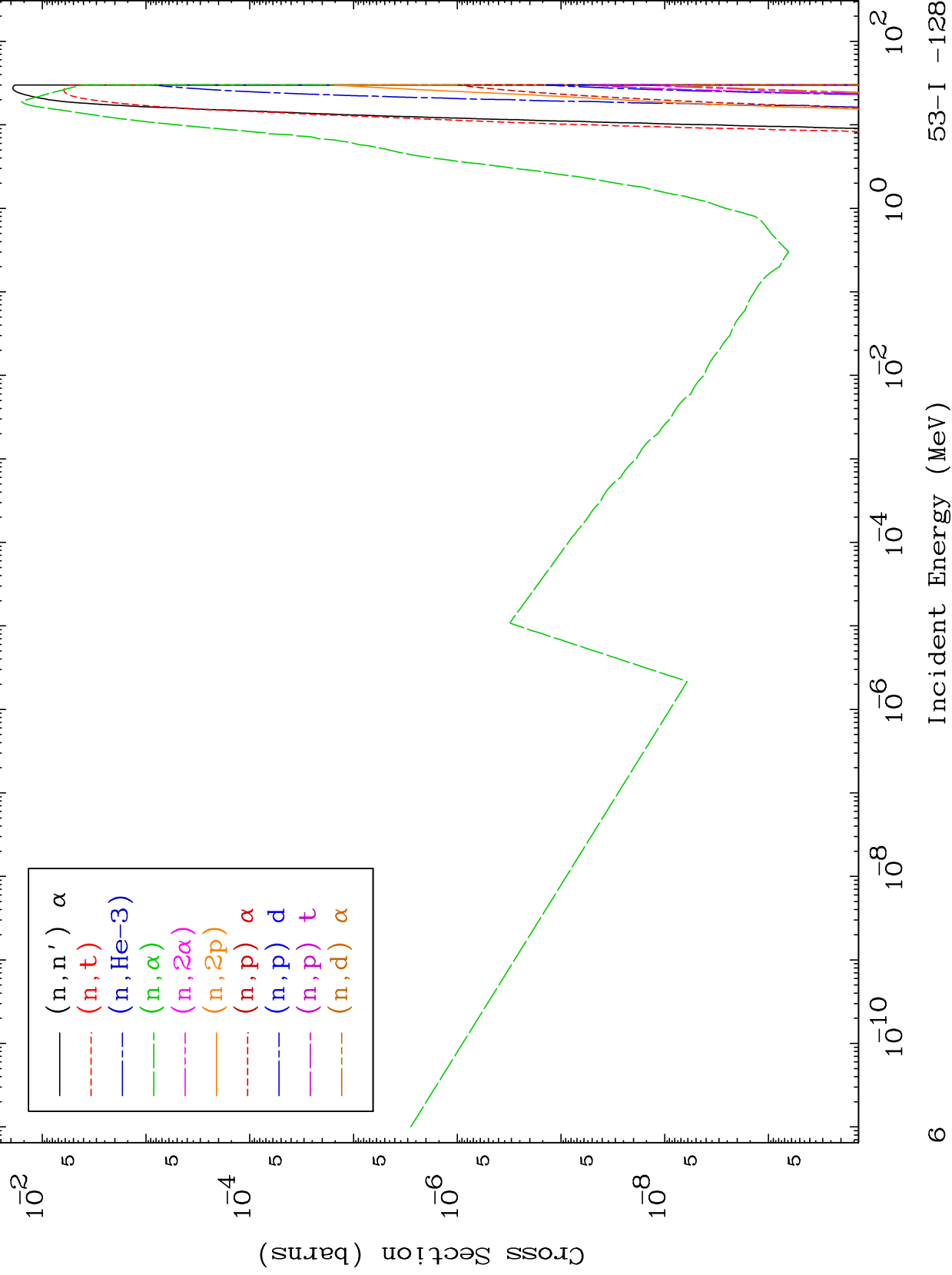


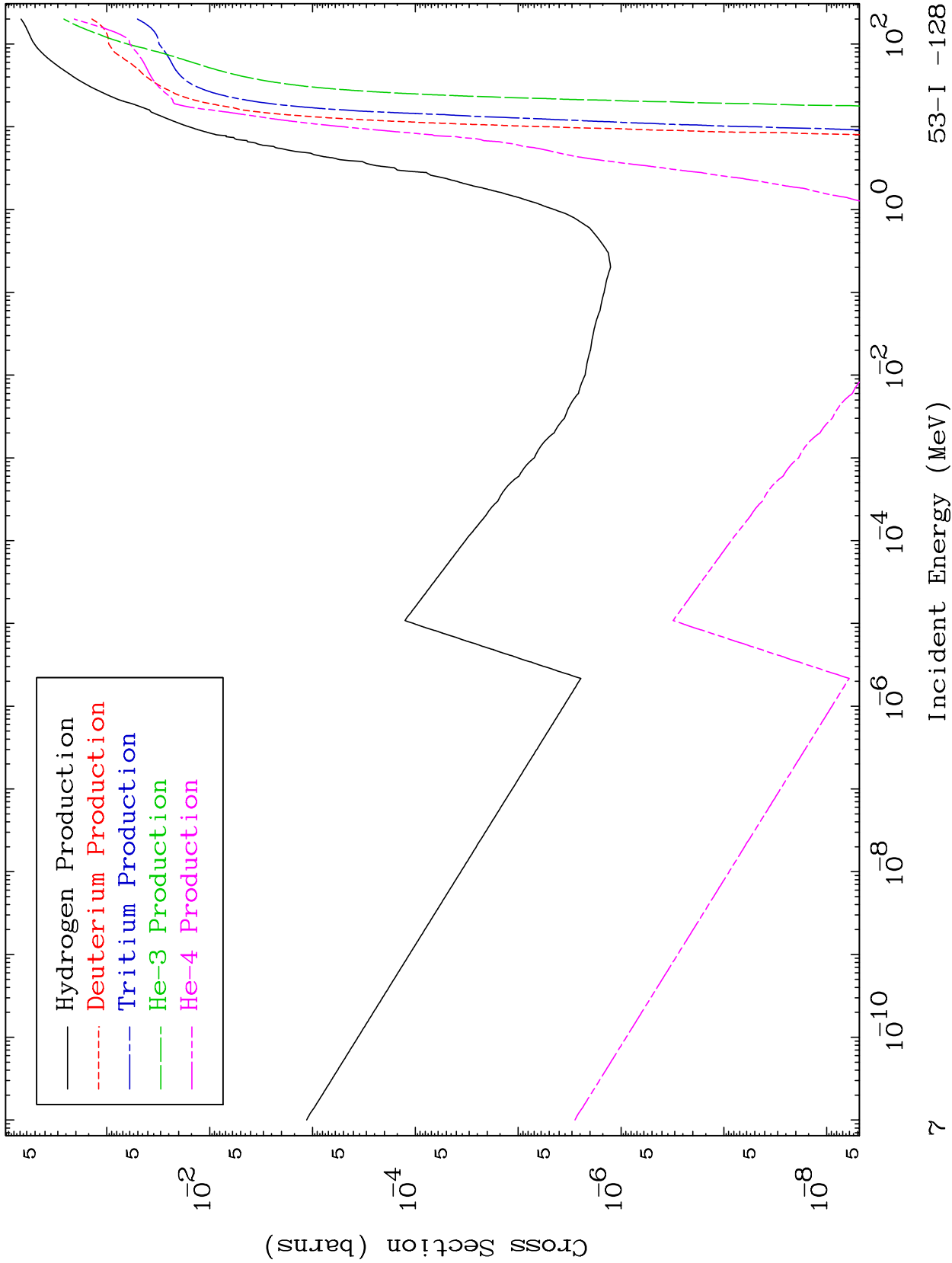
MAT 5328

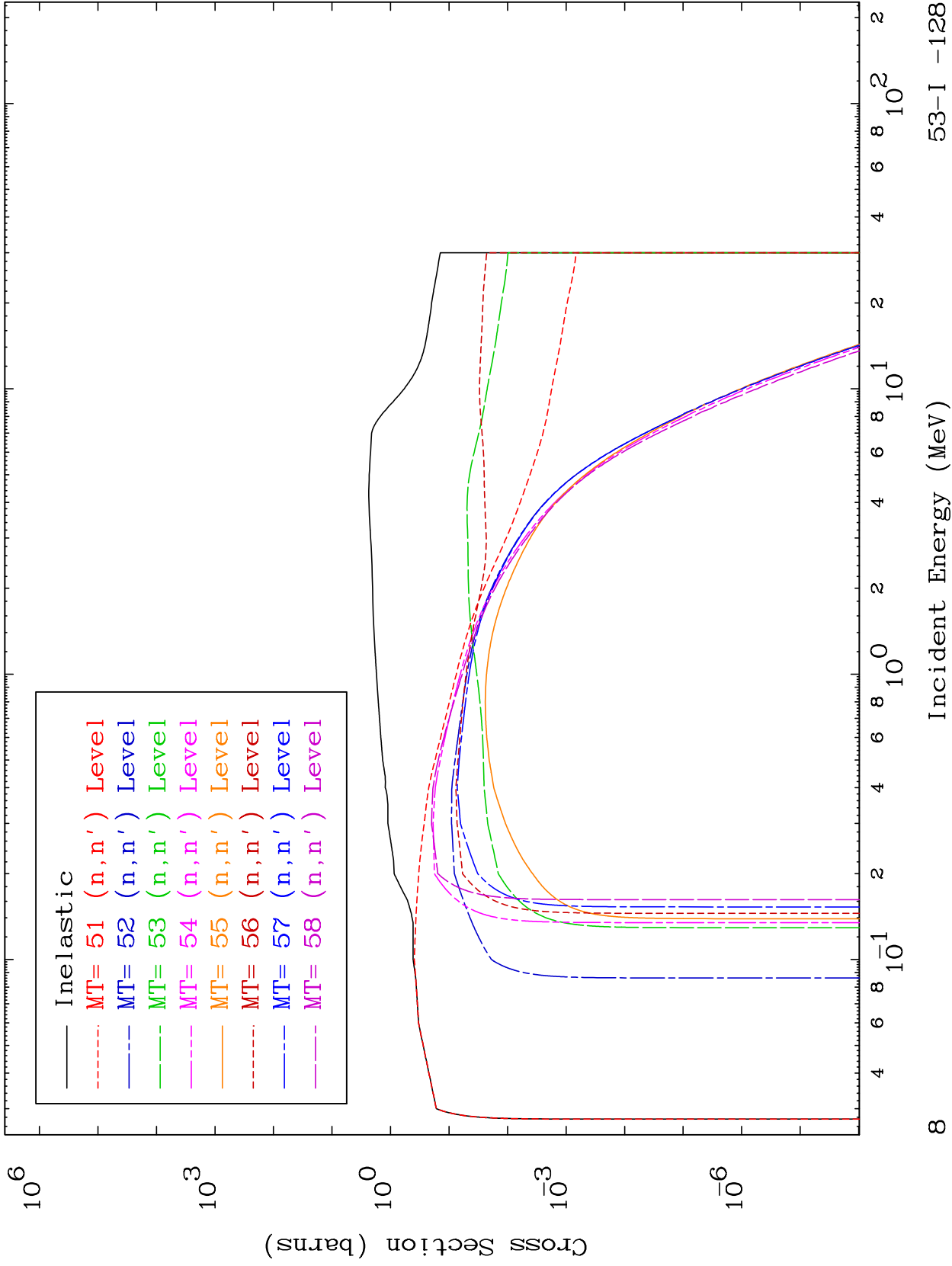
Charged Particle
293 Kelvin Cross Sections

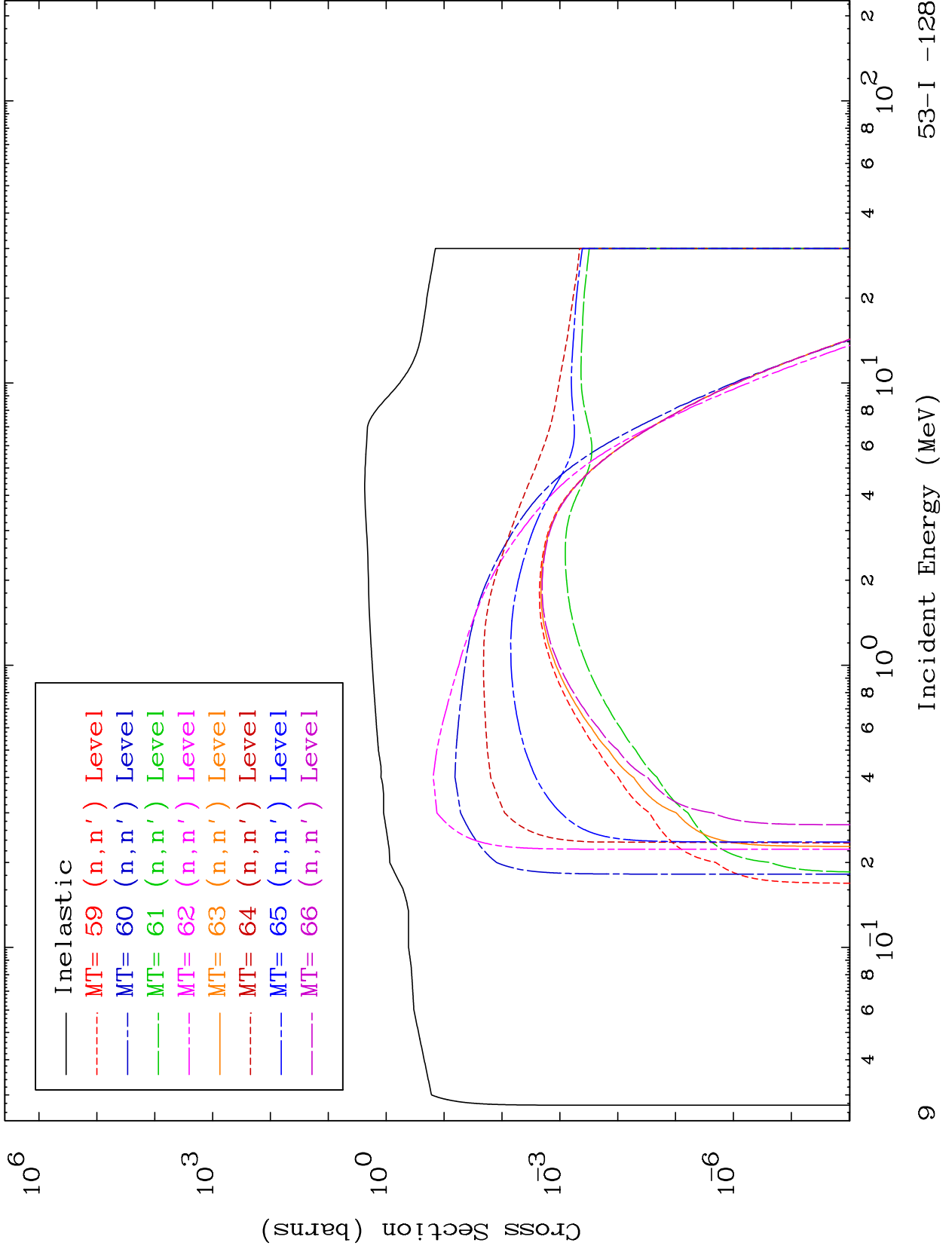
53-I -128

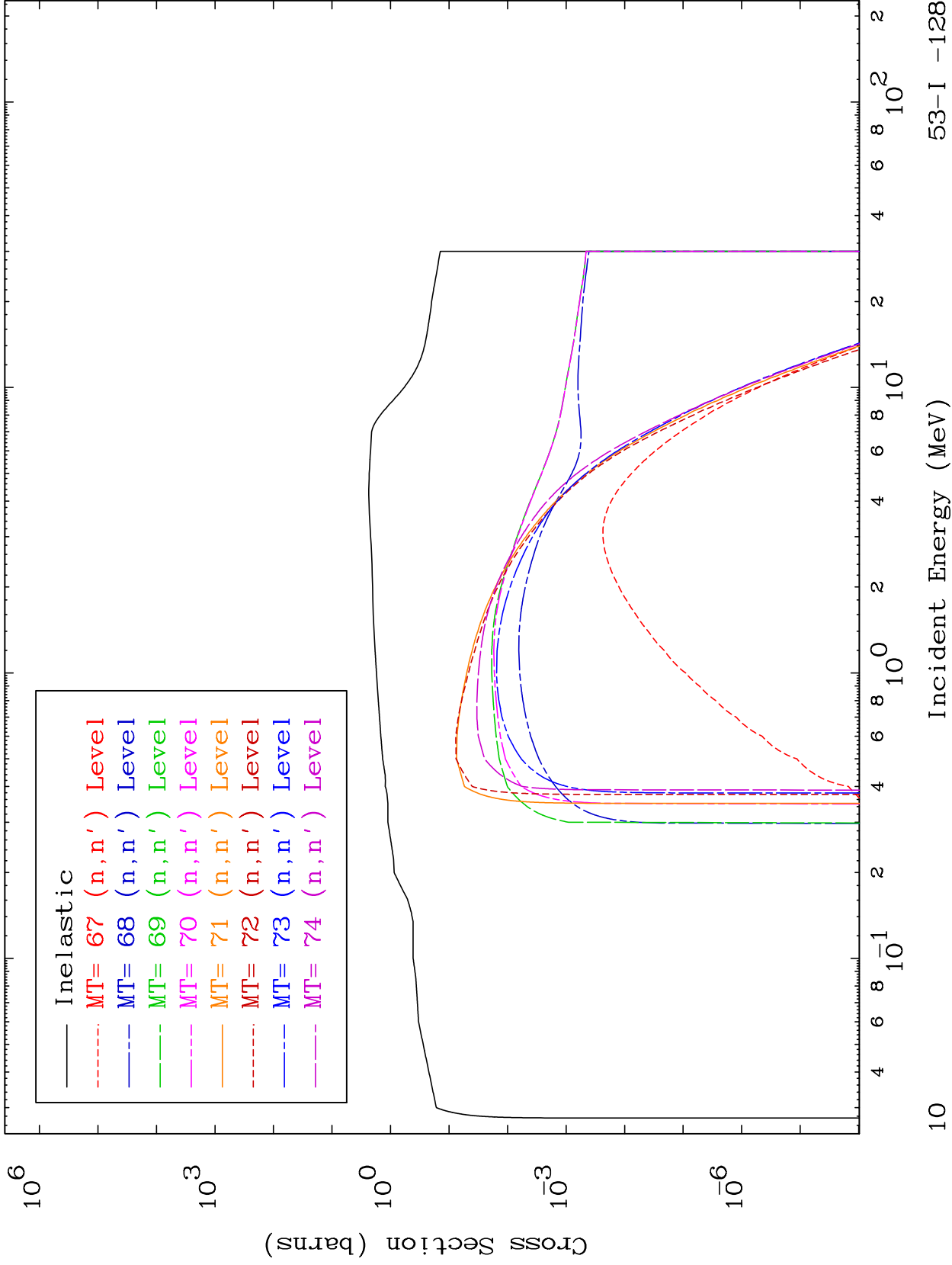


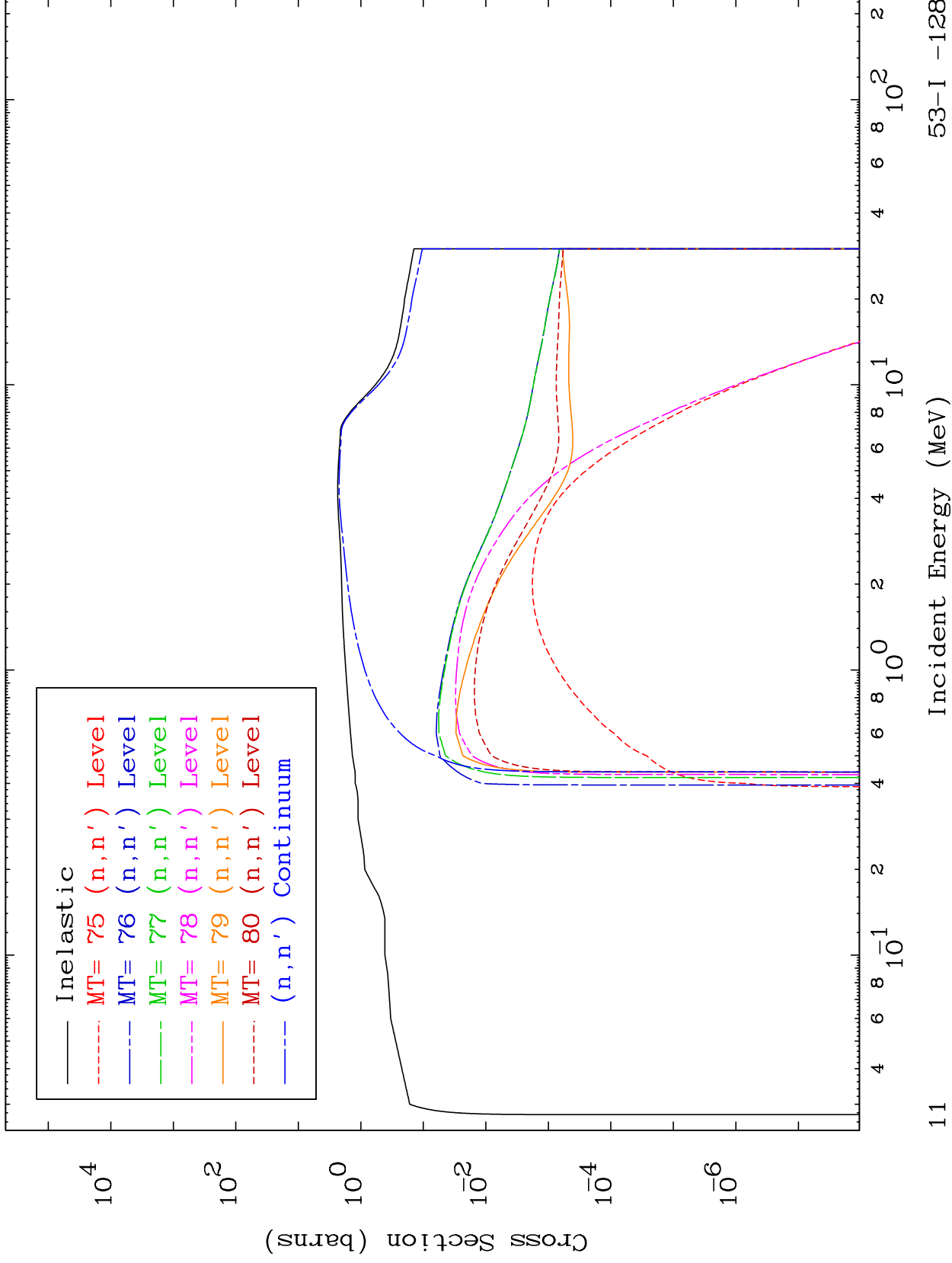








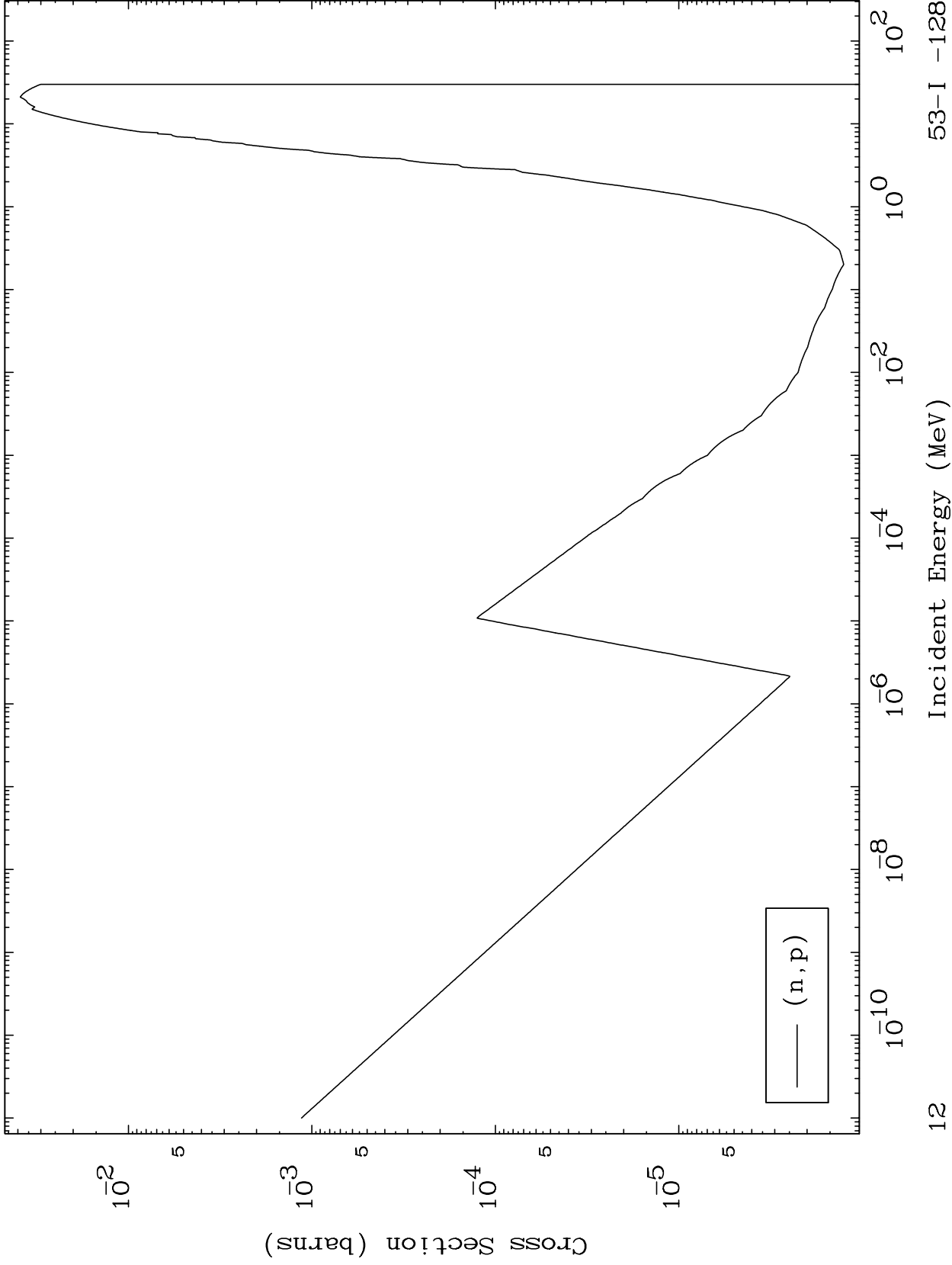


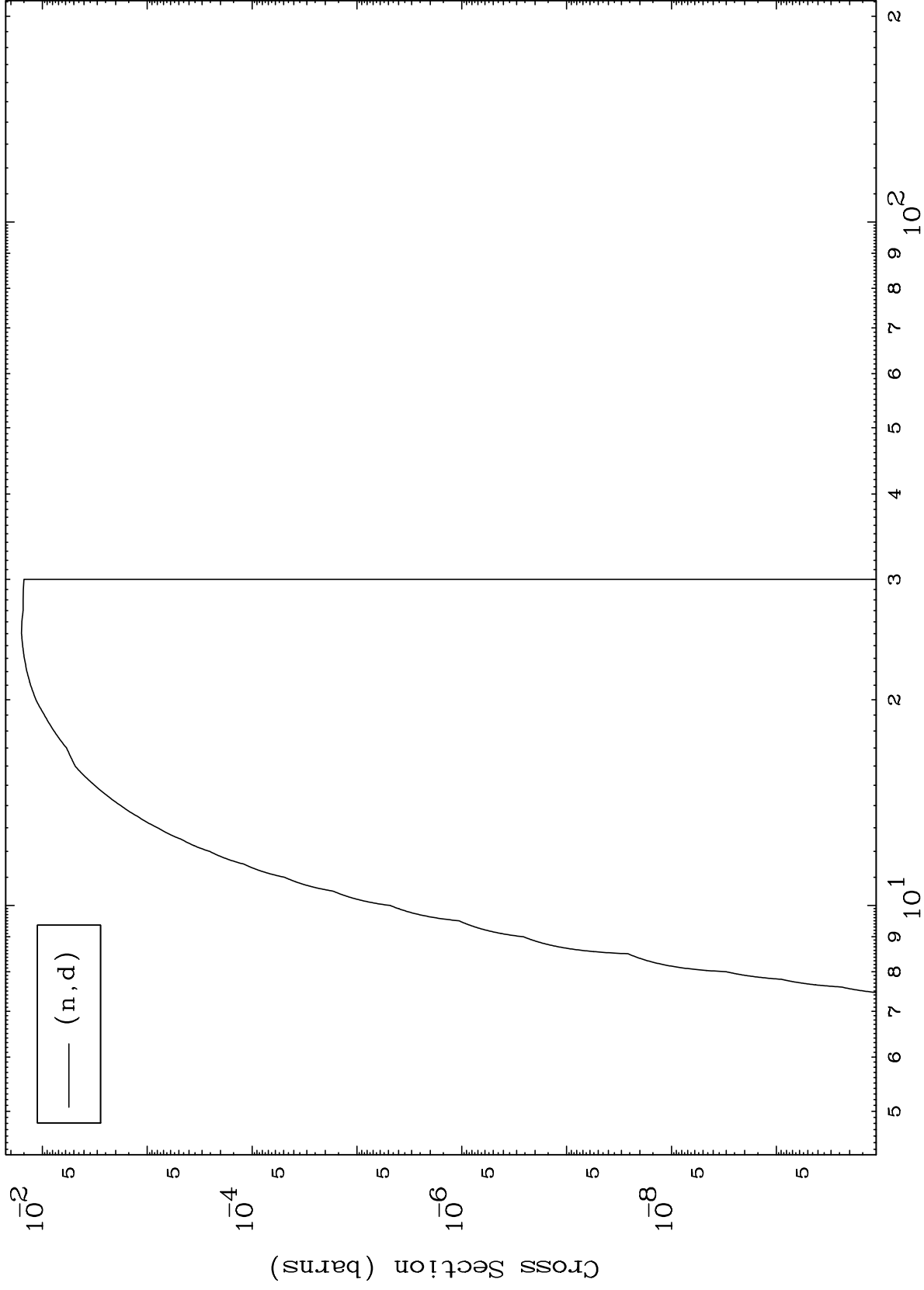


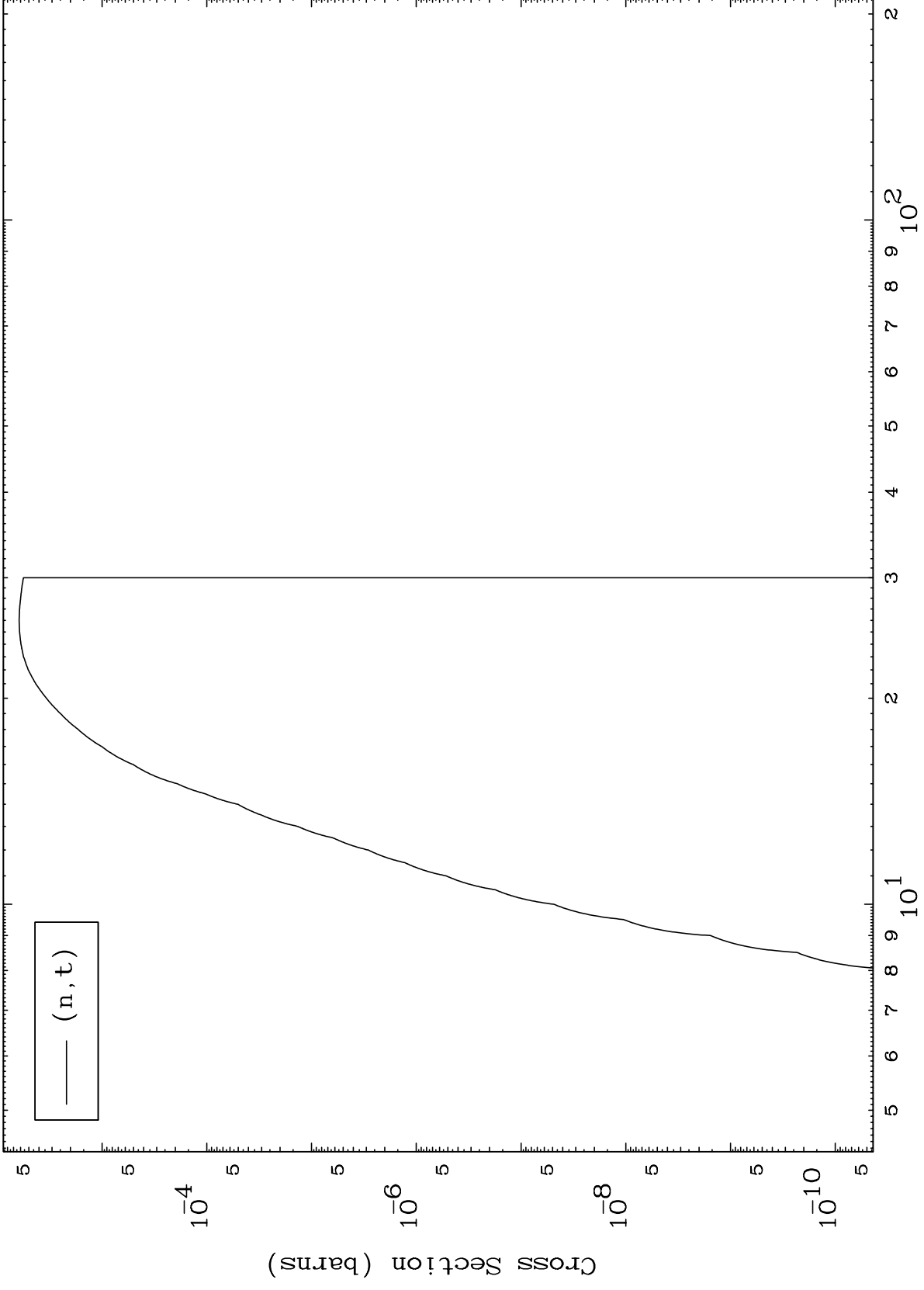
MAT 5328

(n,p) Levels
293 Kelvin Cross Sections

53-I -128



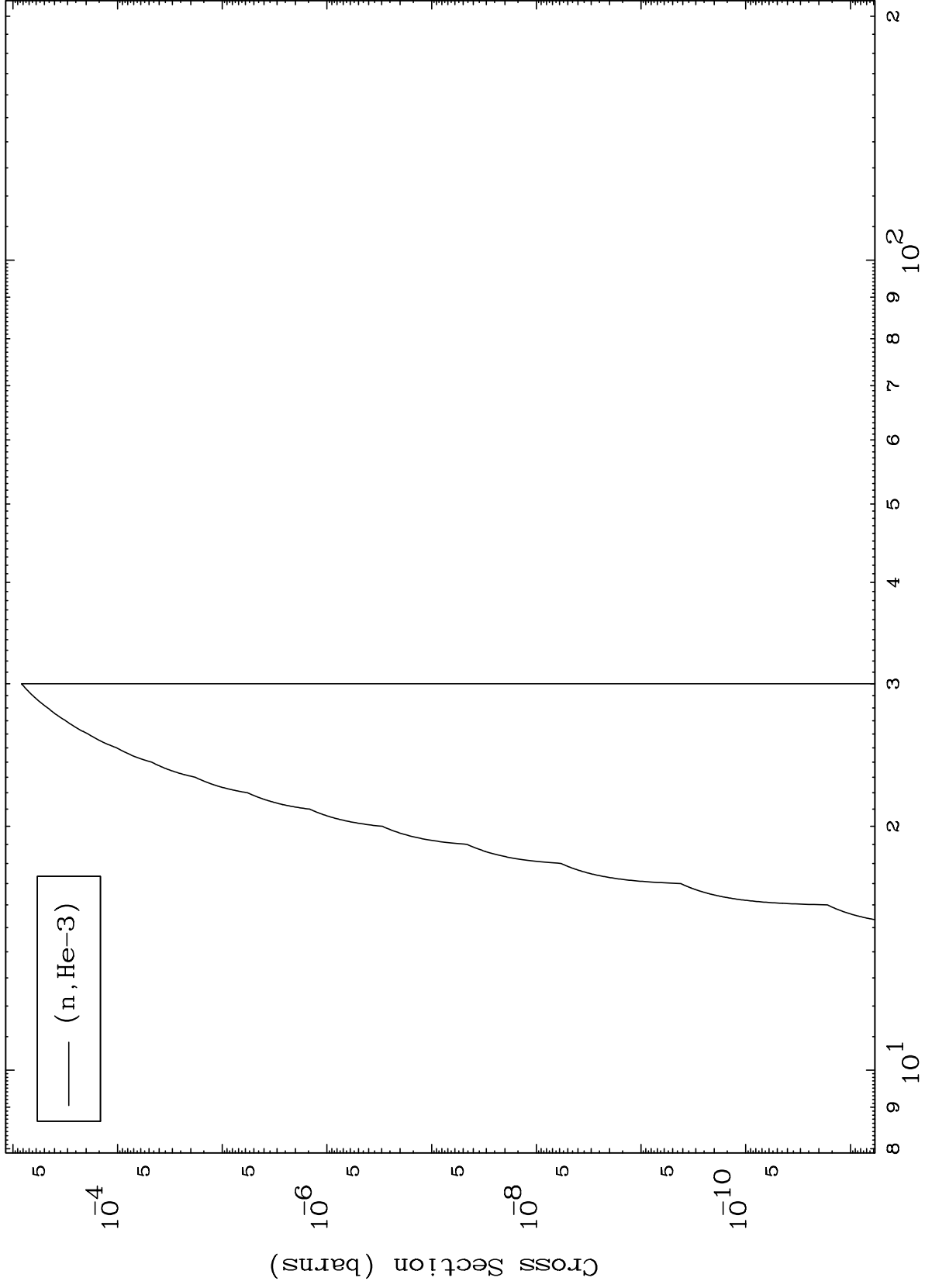




MAT 5328

(n,He3) Levels
293 Kelvin Cross Sections

53-I -128



15

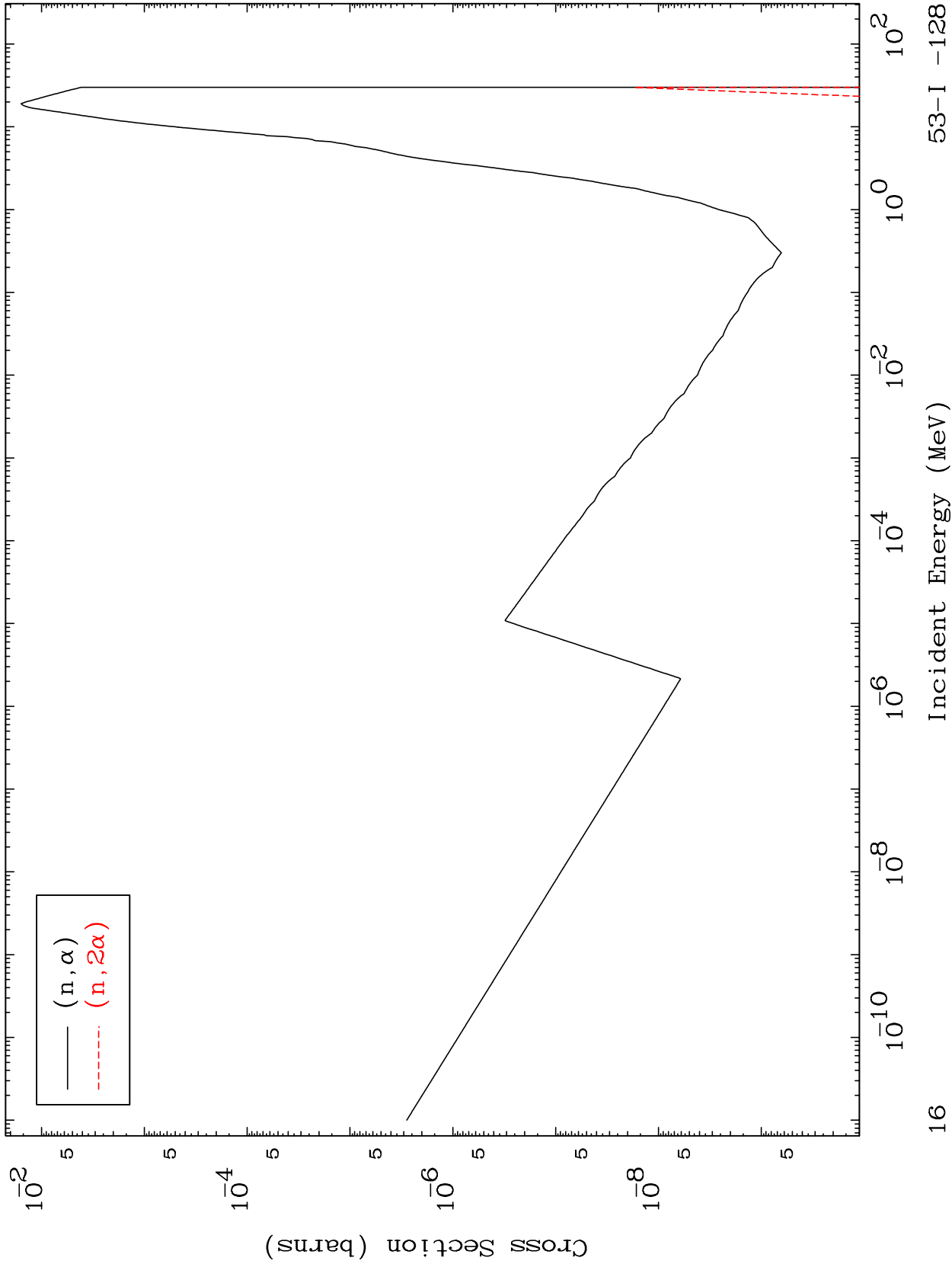
Incident Energy (MeV)

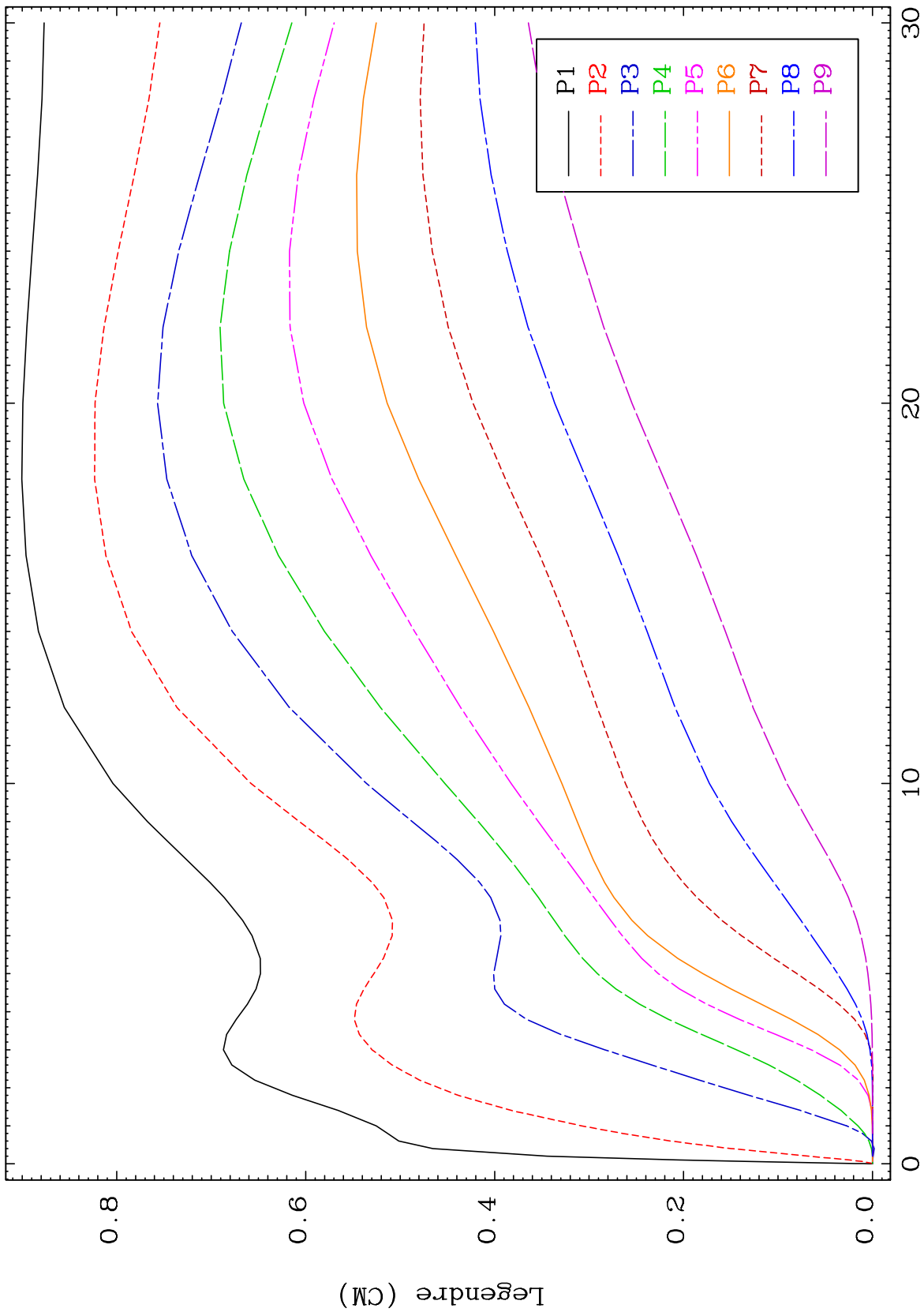
53-I -128

MAT 5328

(n, α) Levels
293 Kelvin Cross Sections

53-I -128

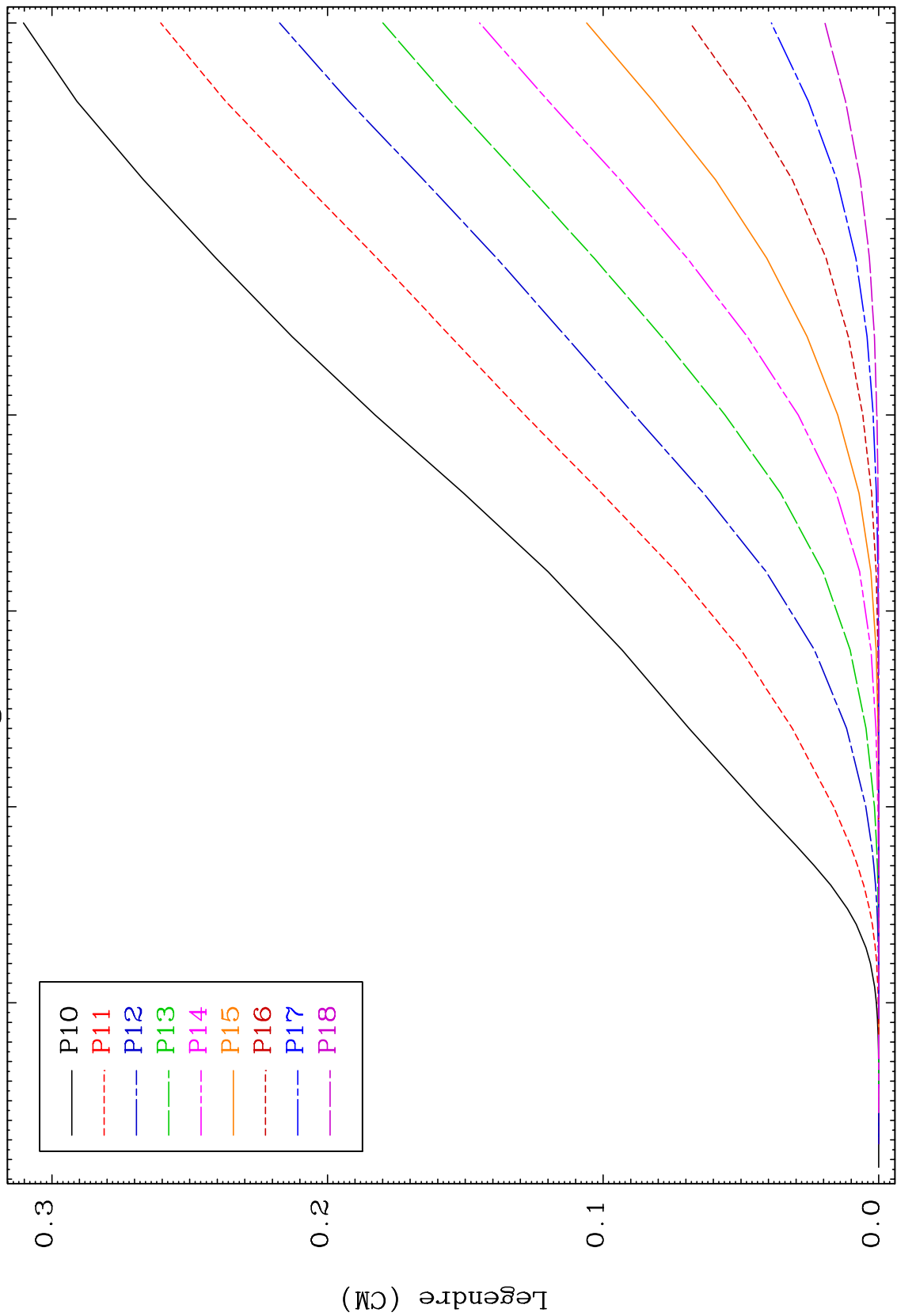




MAT 5328

Elastic Legendre Coefficients

53-I -128



18

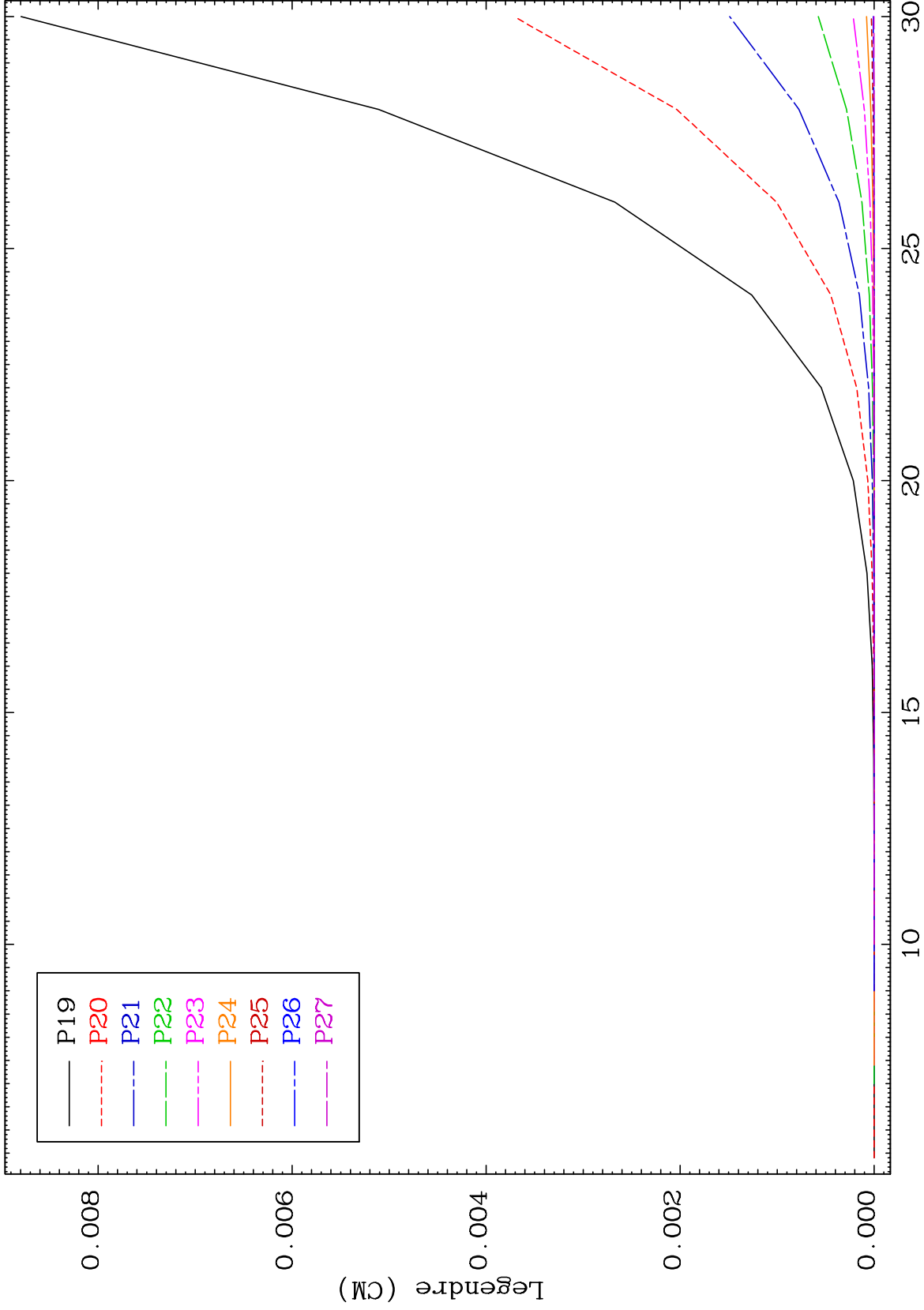
Incident Energy (MeV)

53-I -128

MAT 5328

Elastic Legendre Coefficients

53-I -128



19

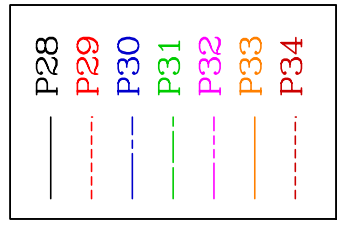
Incident Energy (MeV)

53-I -128

MAT 5328

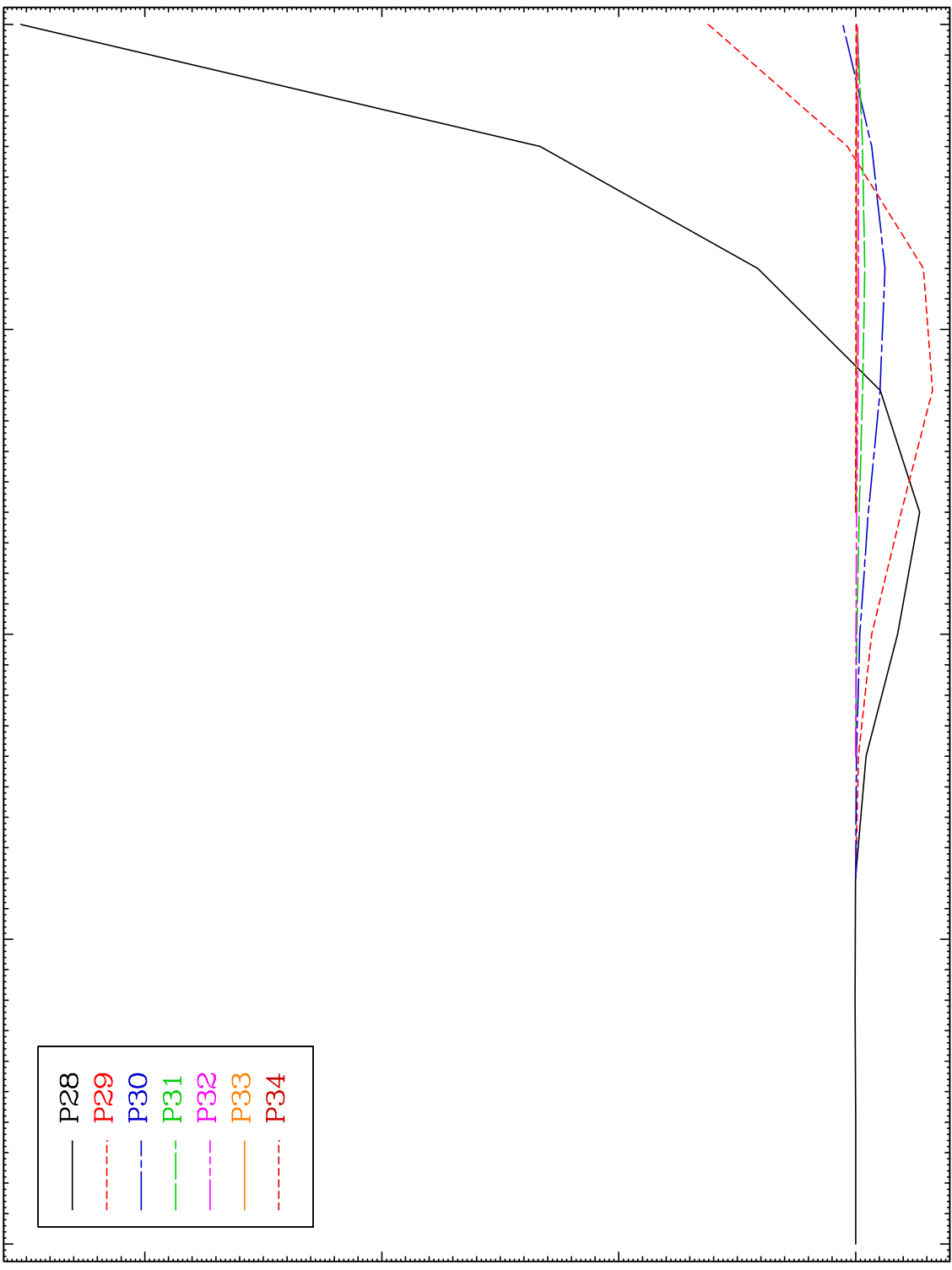
Elastic Legendre Coefficients

53-I -128



$\times 10^{-7}$

Legendre (CM)



30

25

20

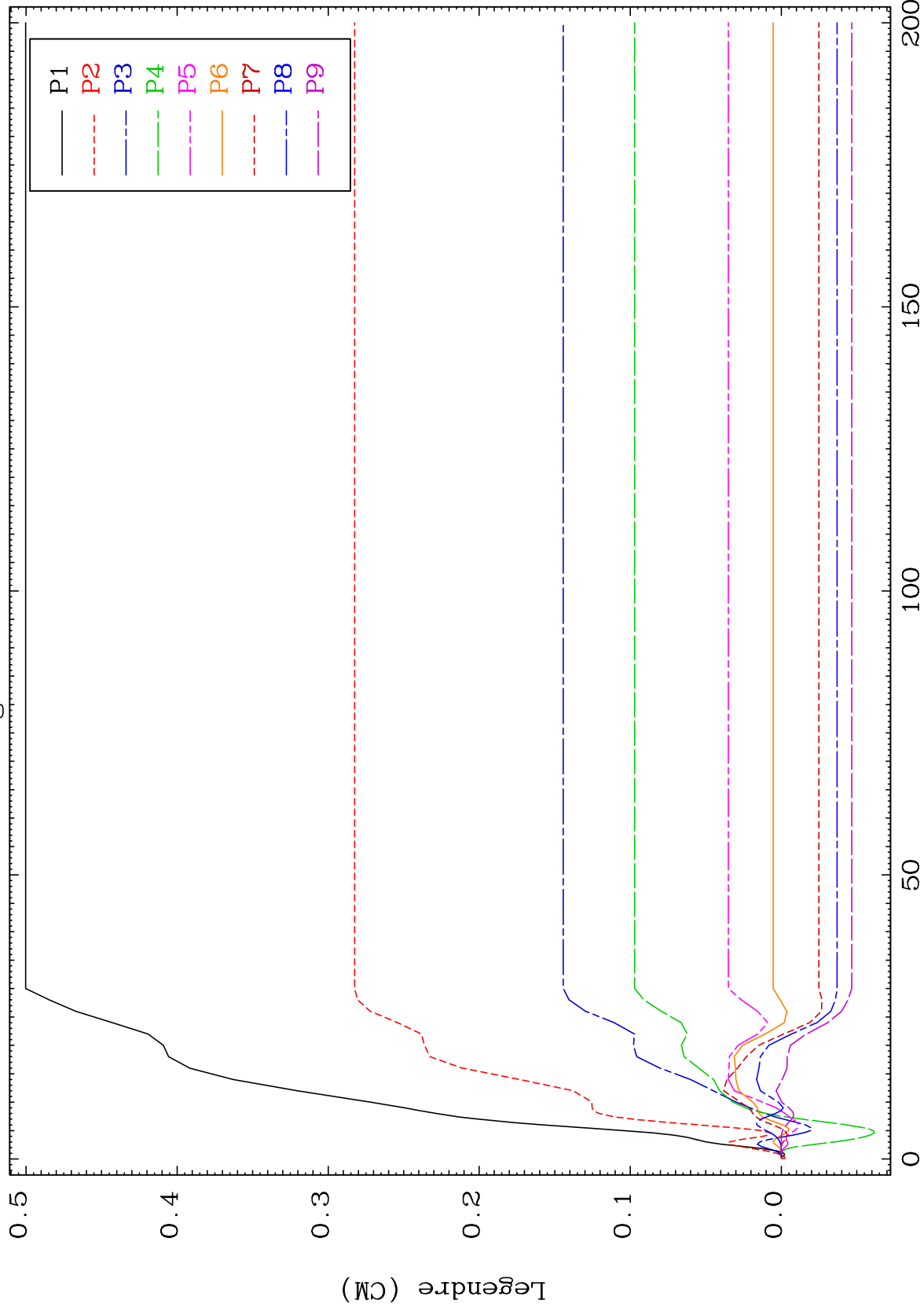
15

10

Incident Energy (MeV)

53-I -128

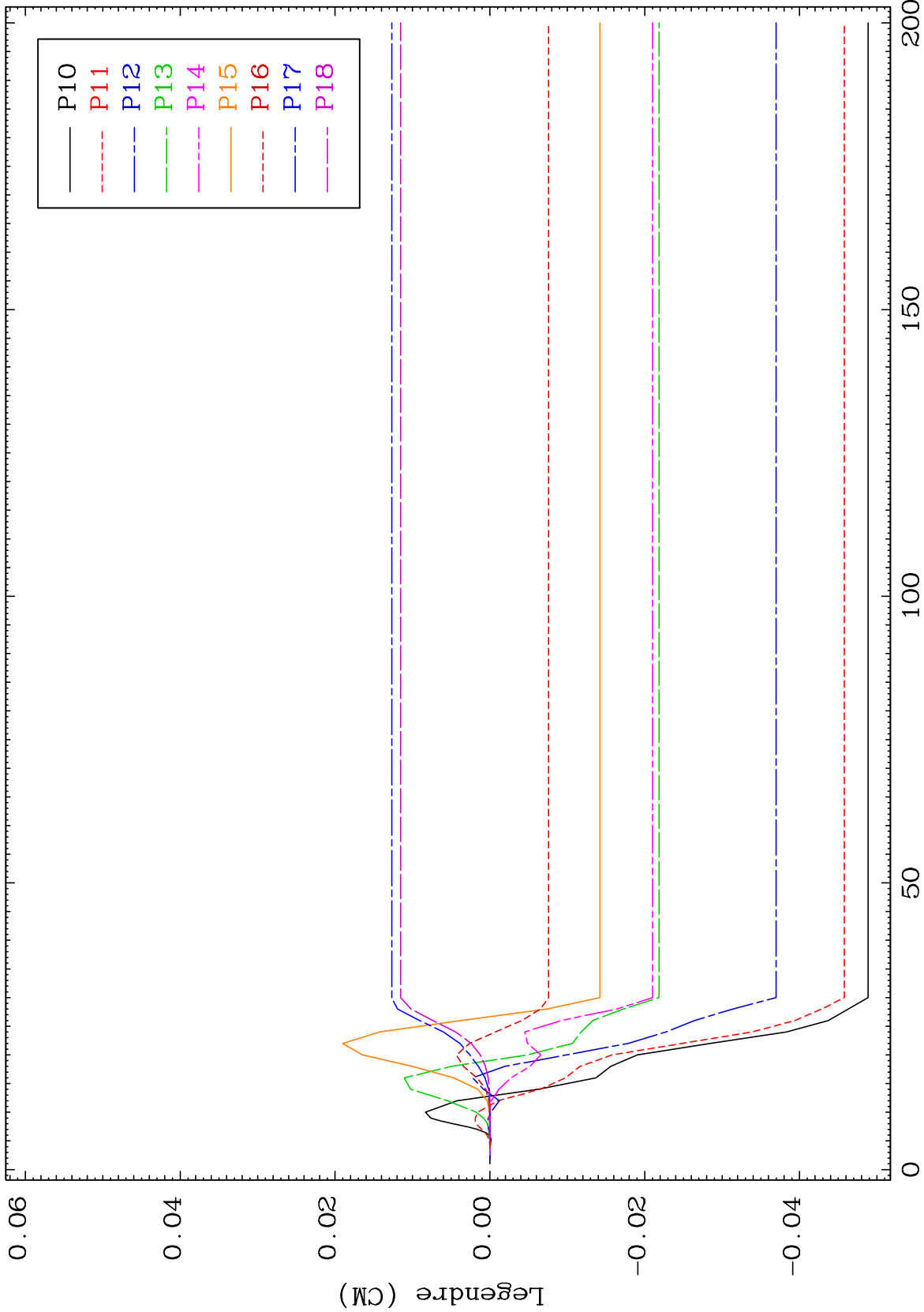
20



MAT 5328

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

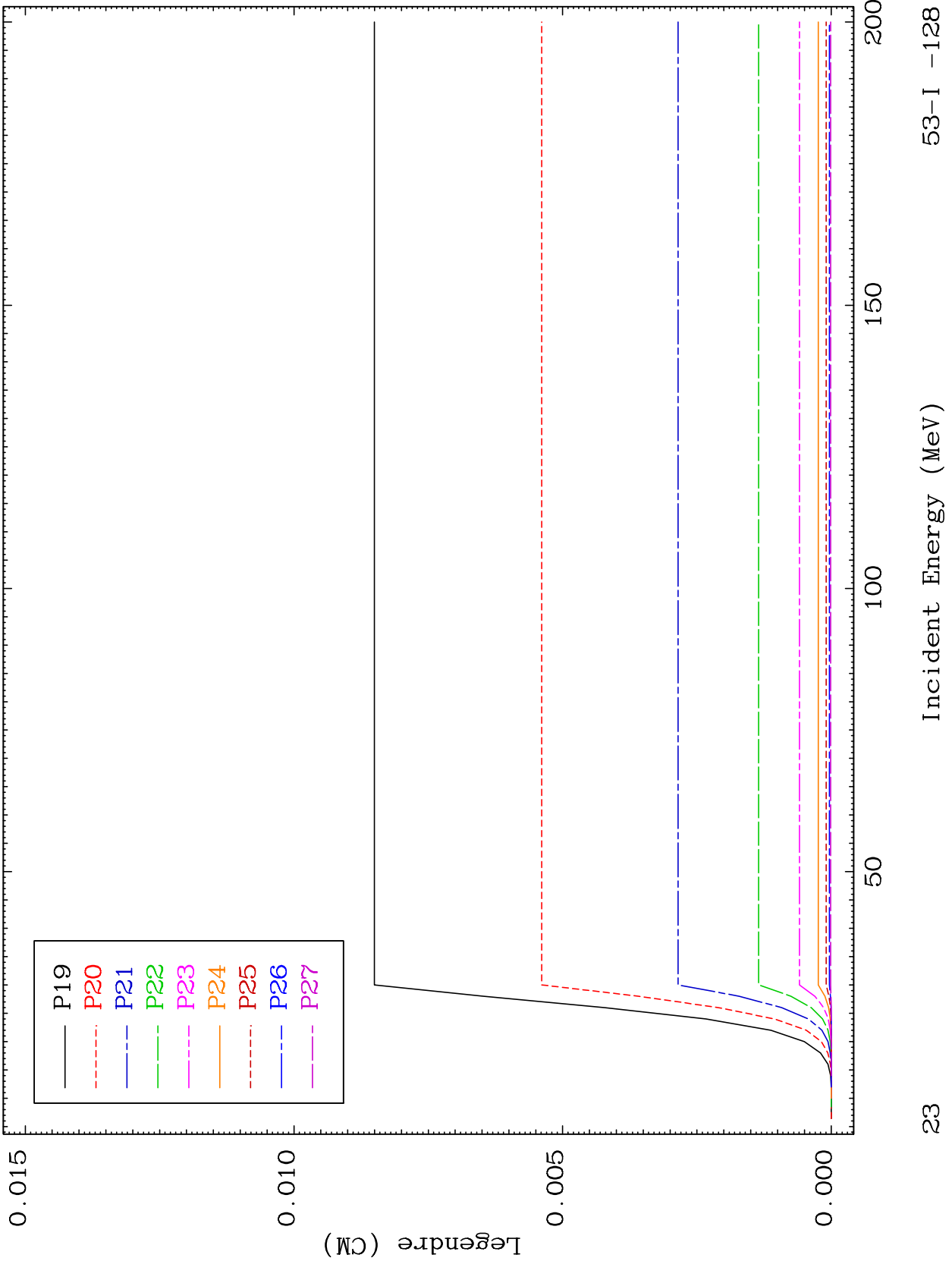
53-I -128

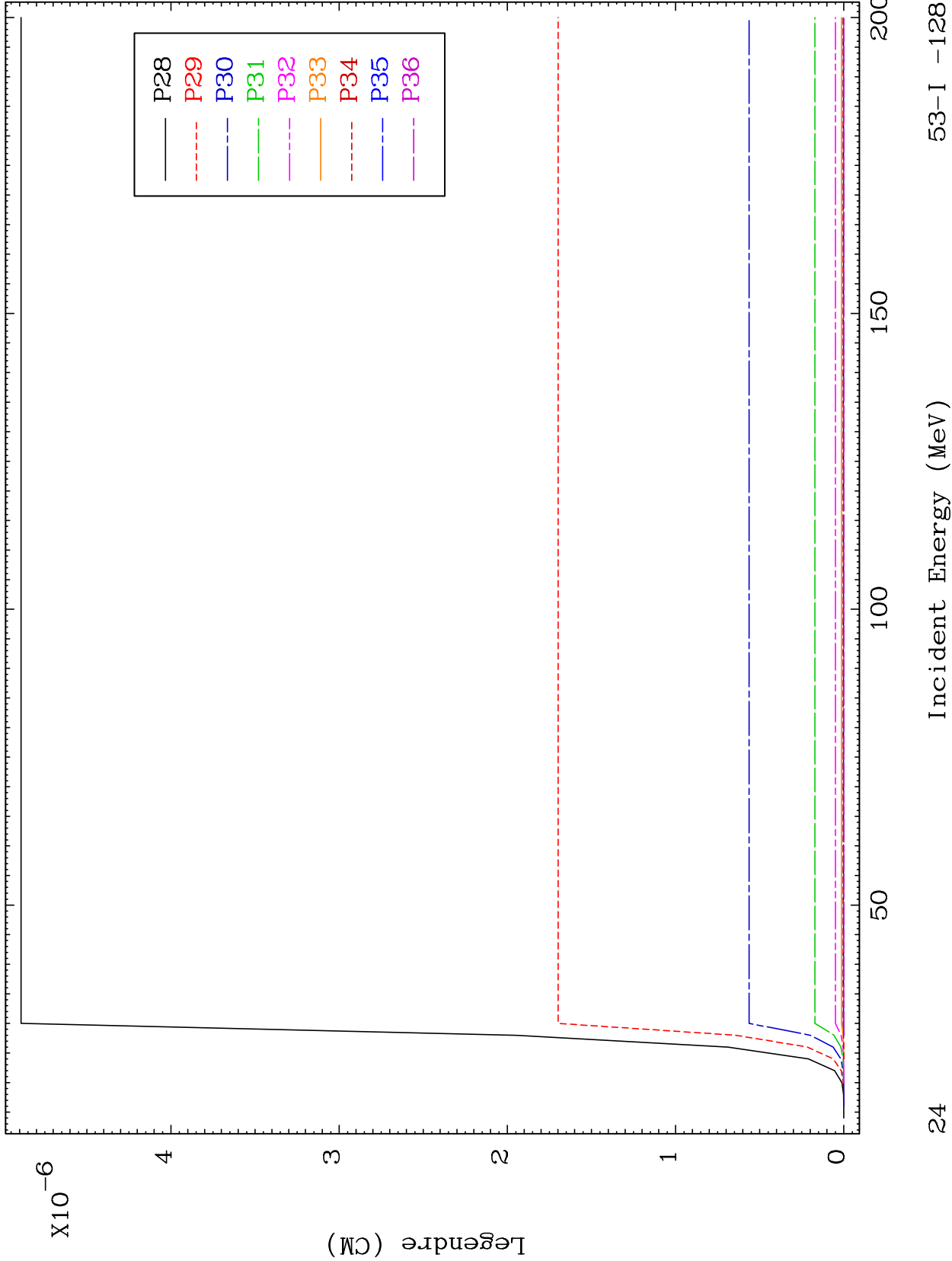


22

Incident Energy (MeV)

53-I -128

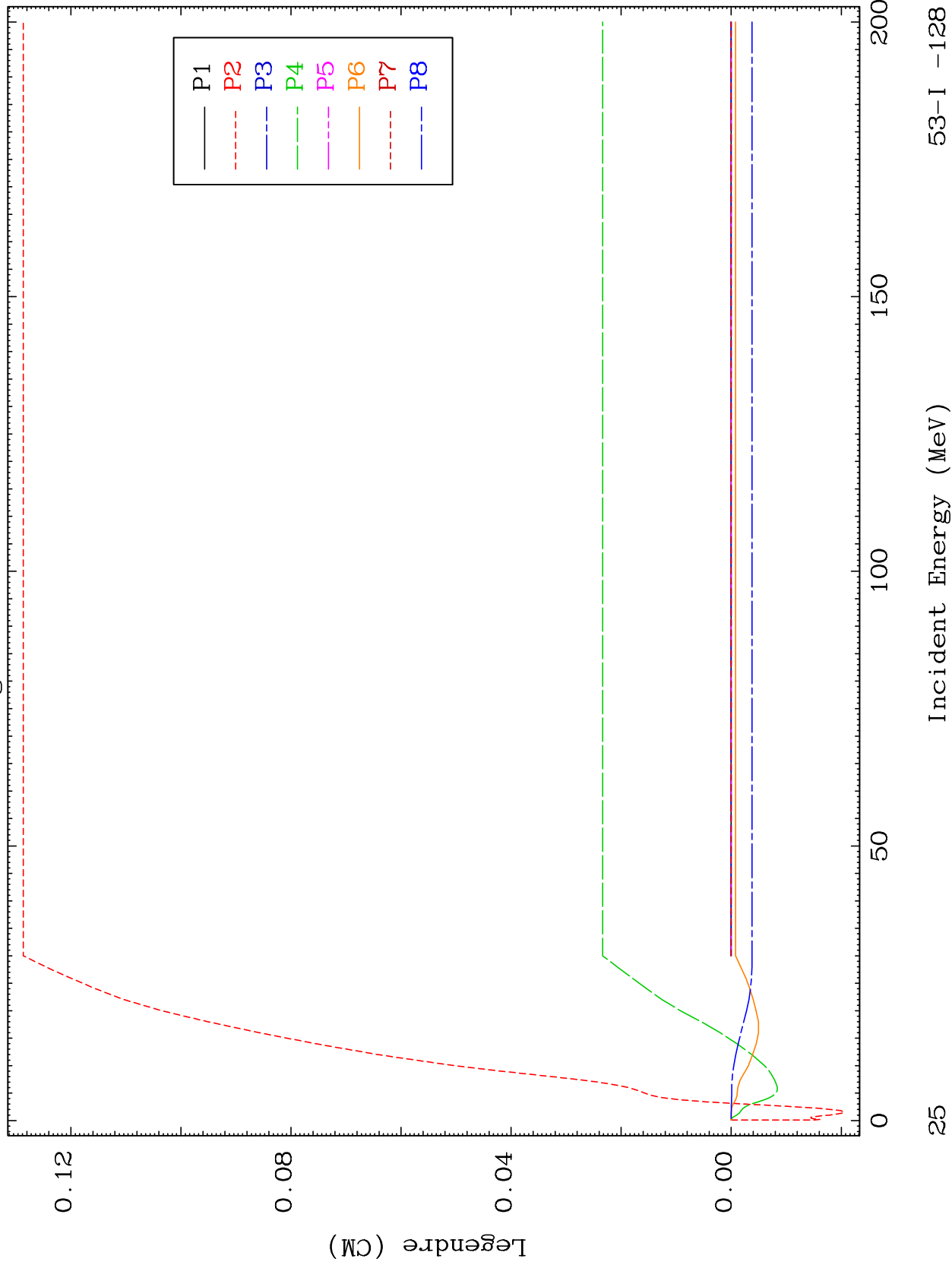




MAT 5328

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

53-I -128



53-I -128

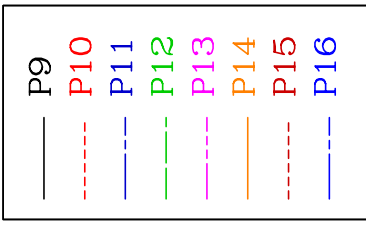
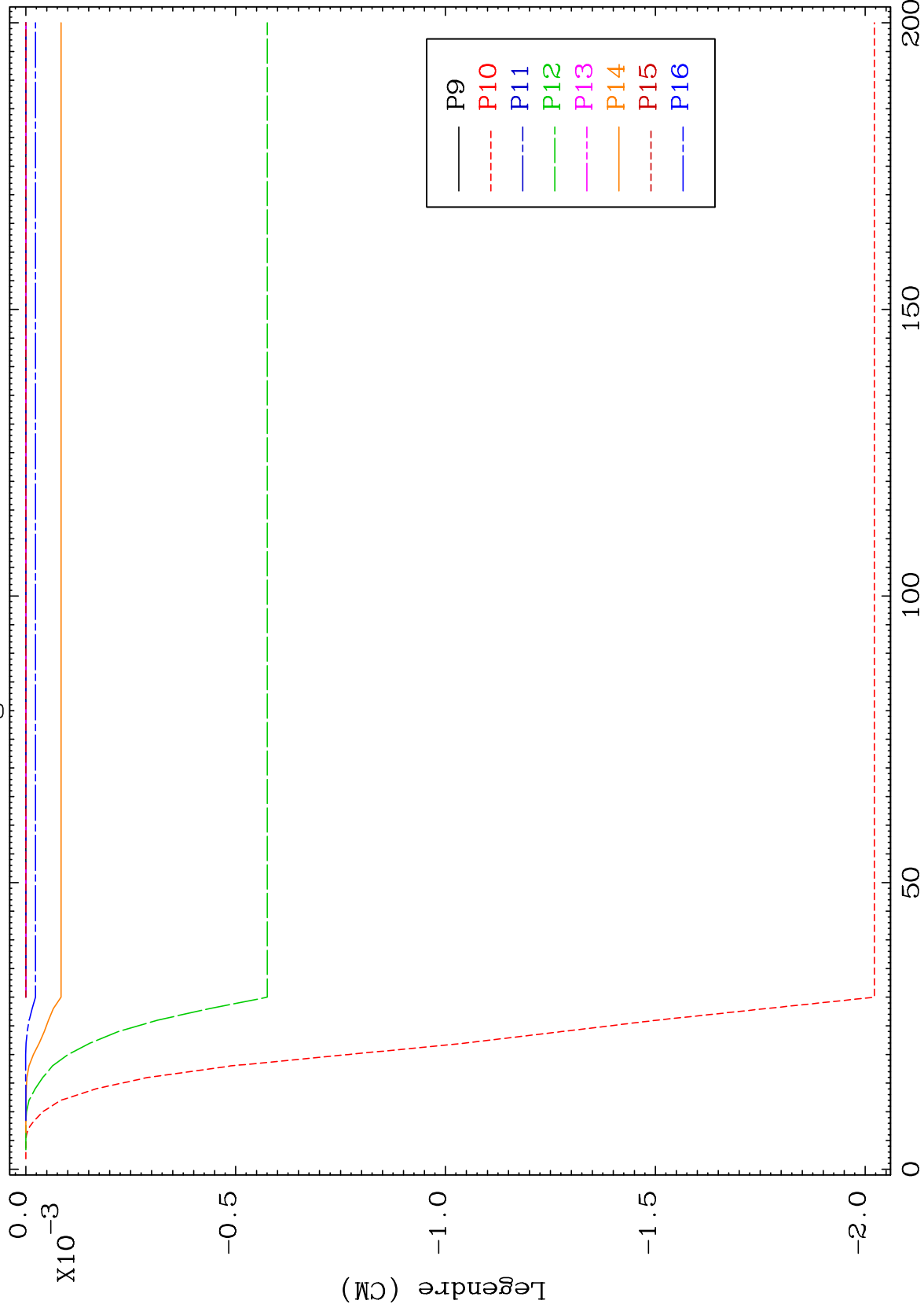
Incident Energy (MeV)

25

MAT 5328

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

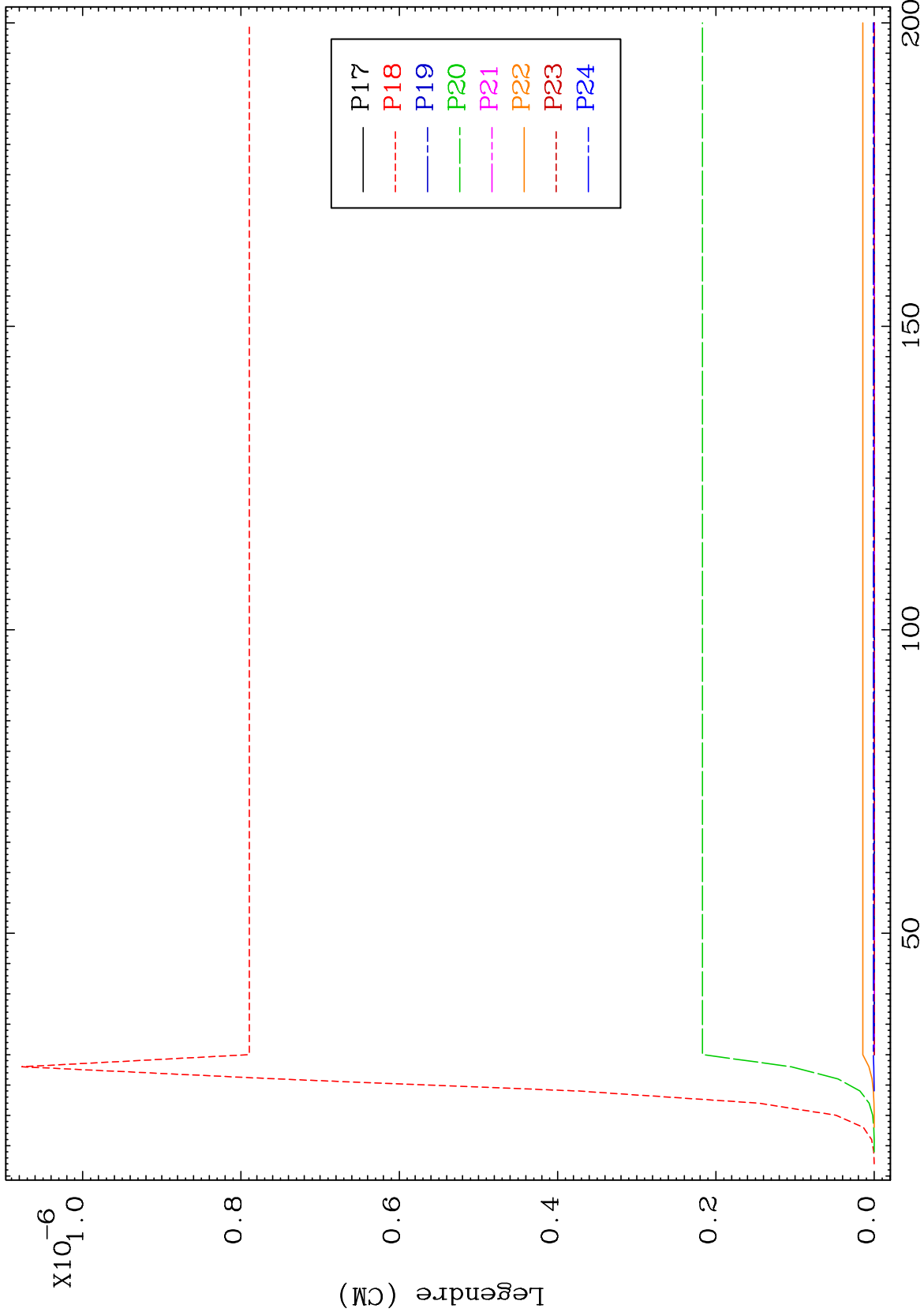
53-I -128

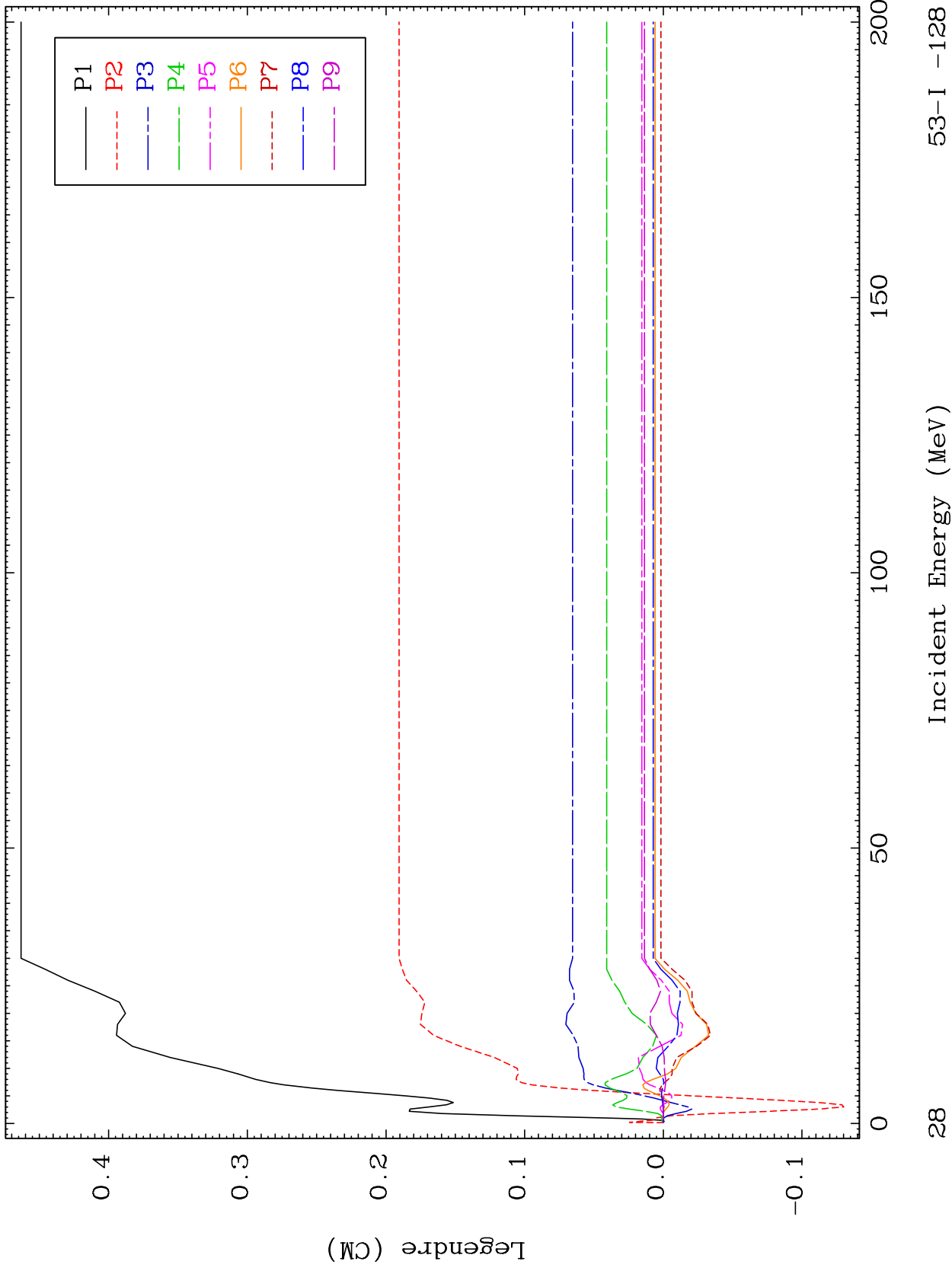


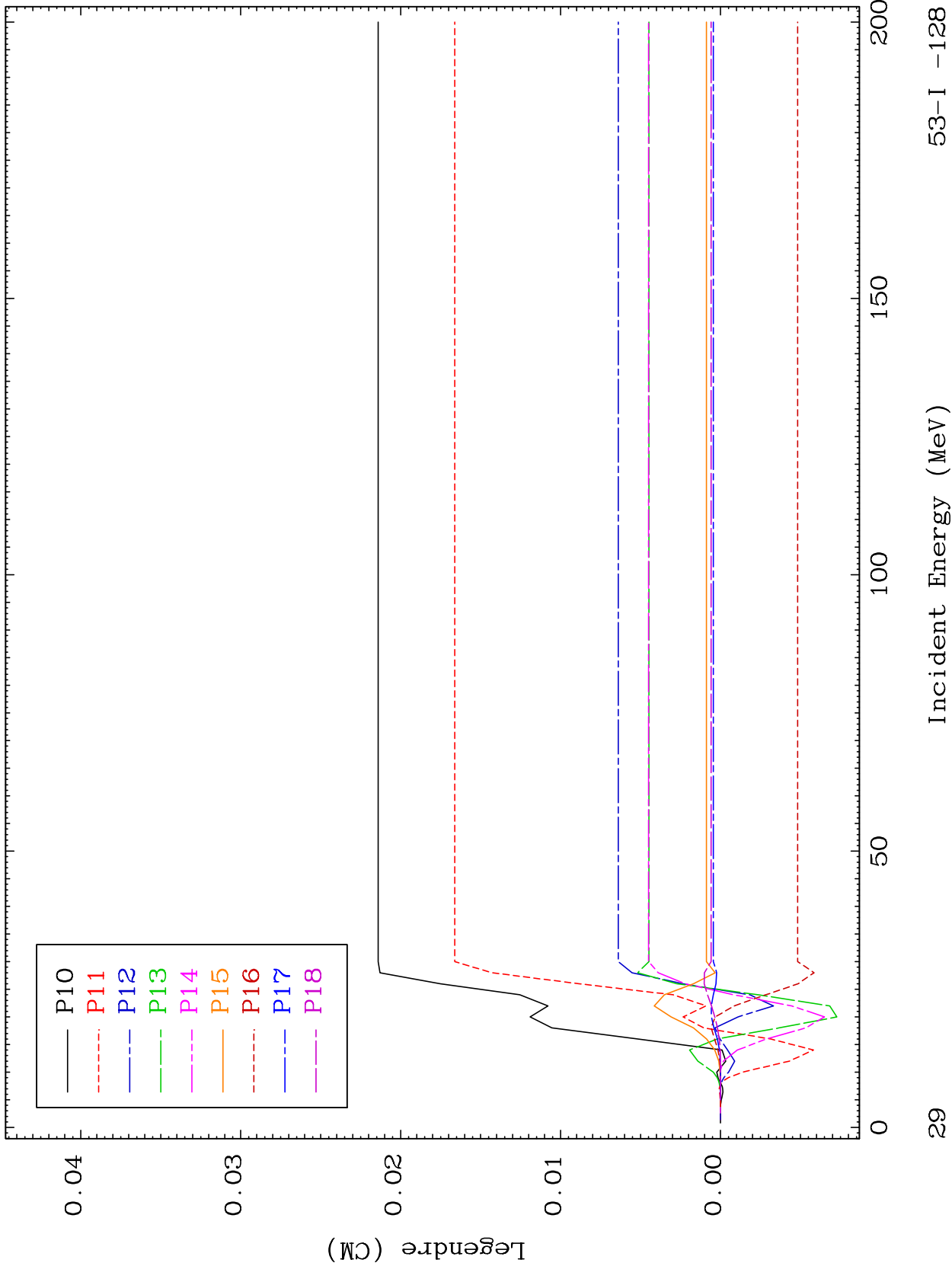
26

Incident Energy (MeV)

53-I -128



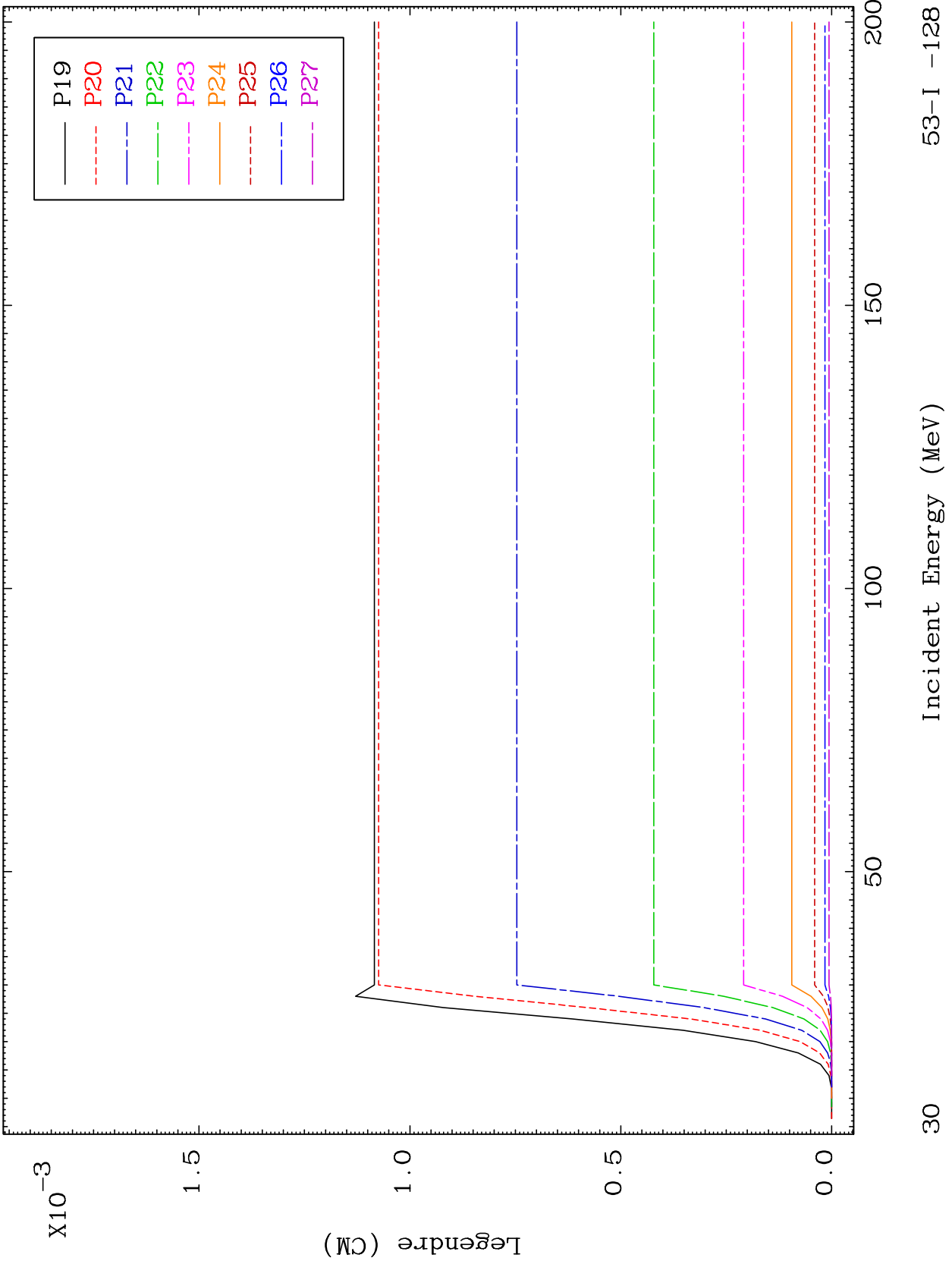




MAT 5328

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

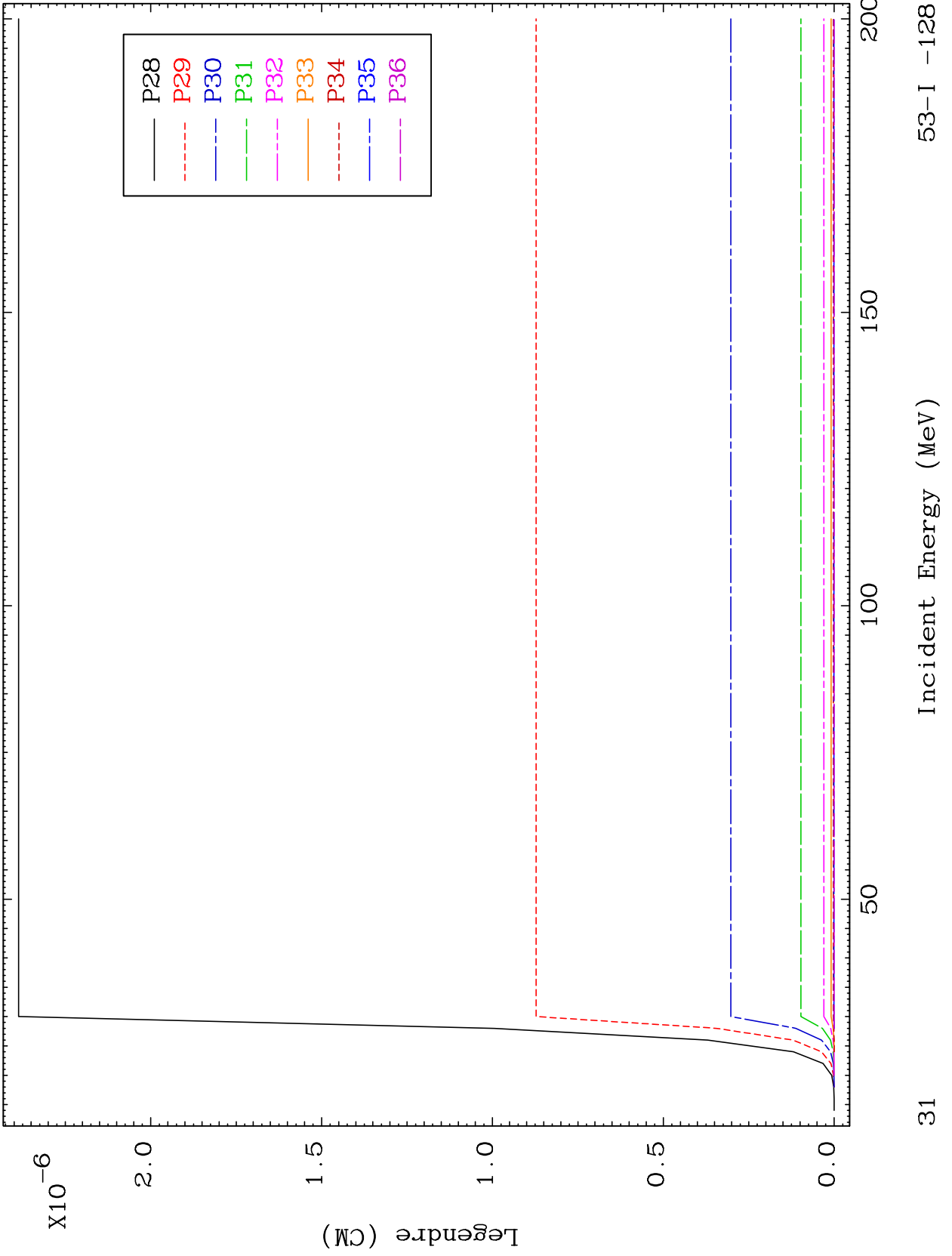
53-I -128

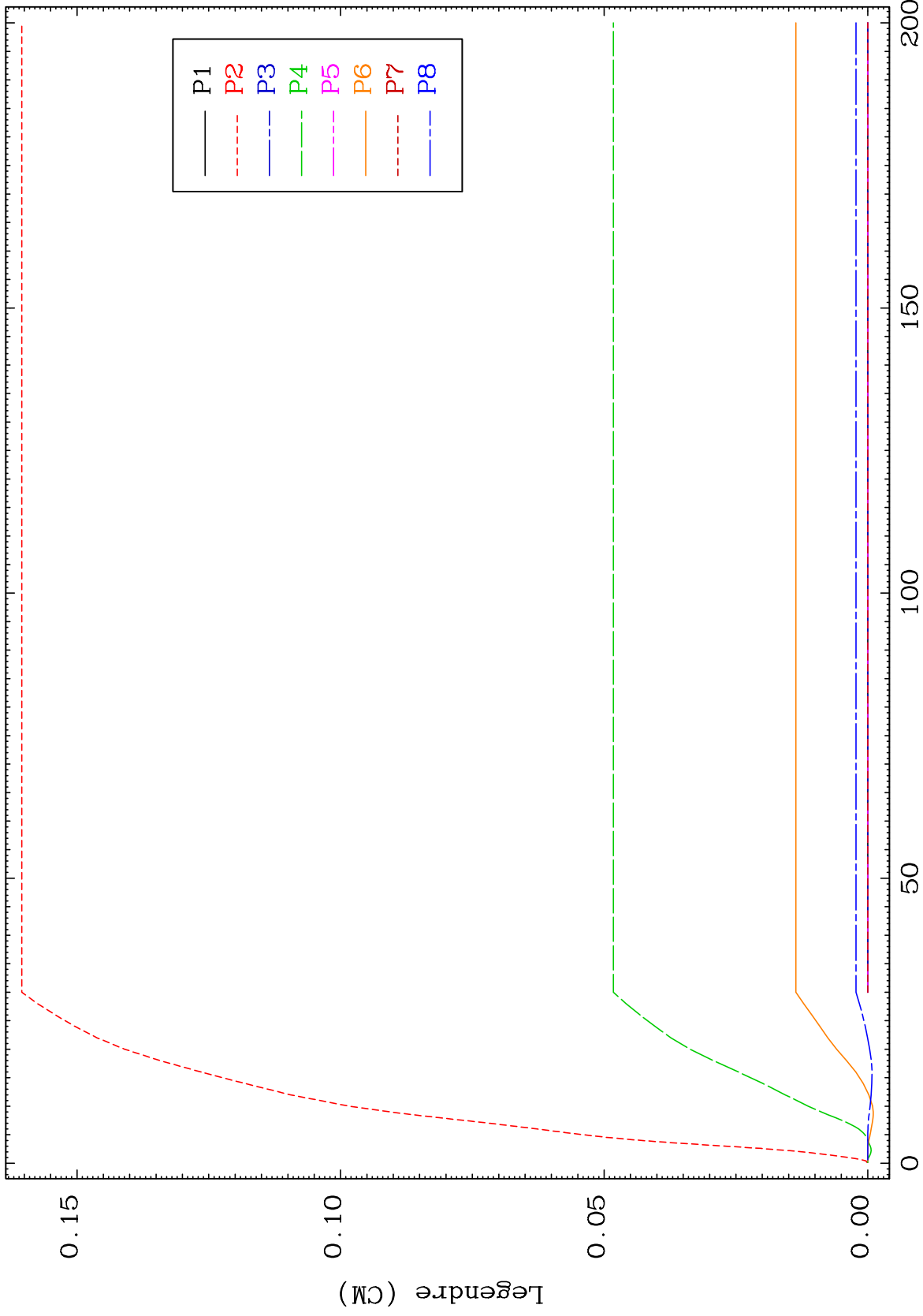


30

Incident Energy (MeV)

53-I -128

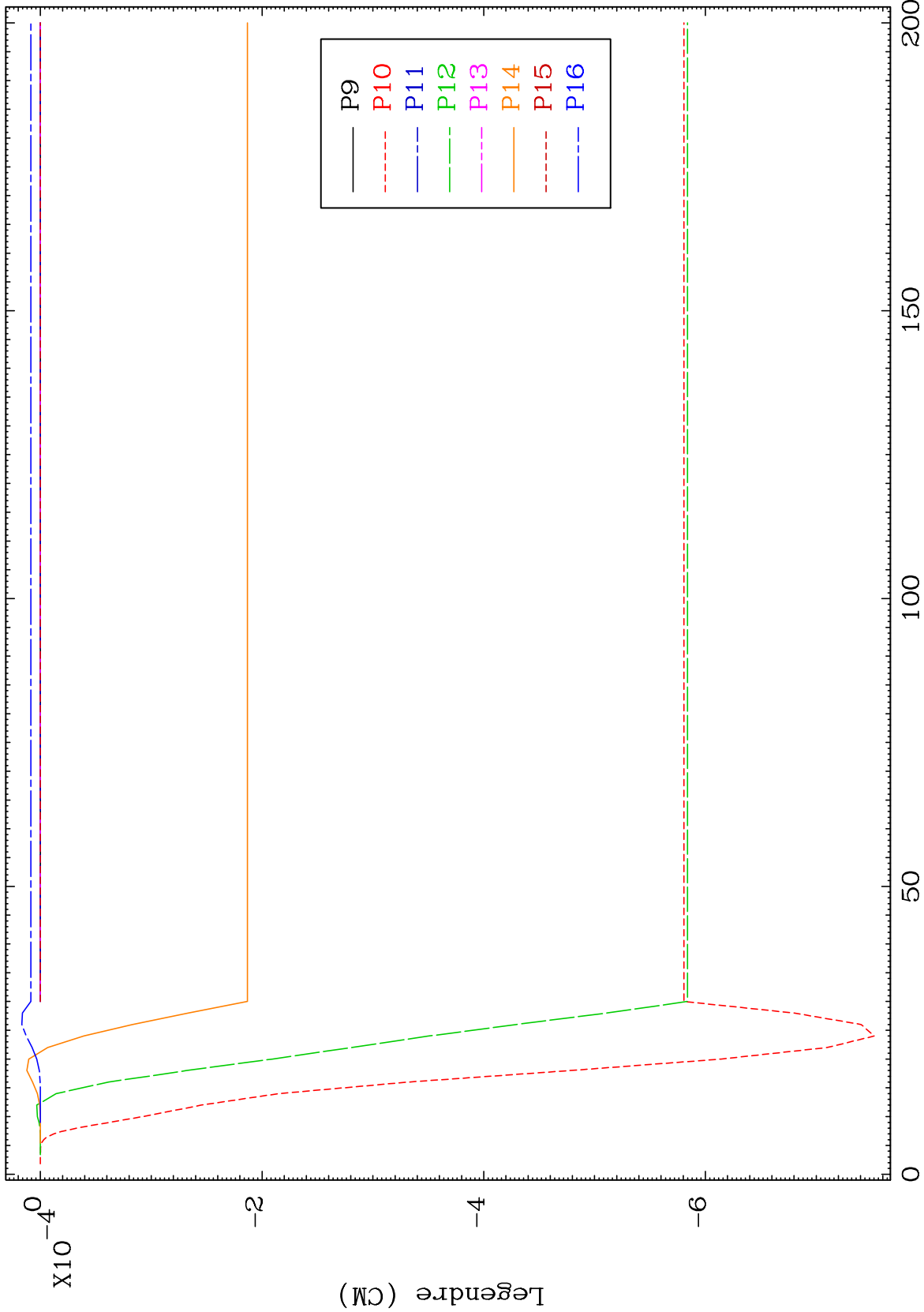




MAT 5328

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

53-I -128



33

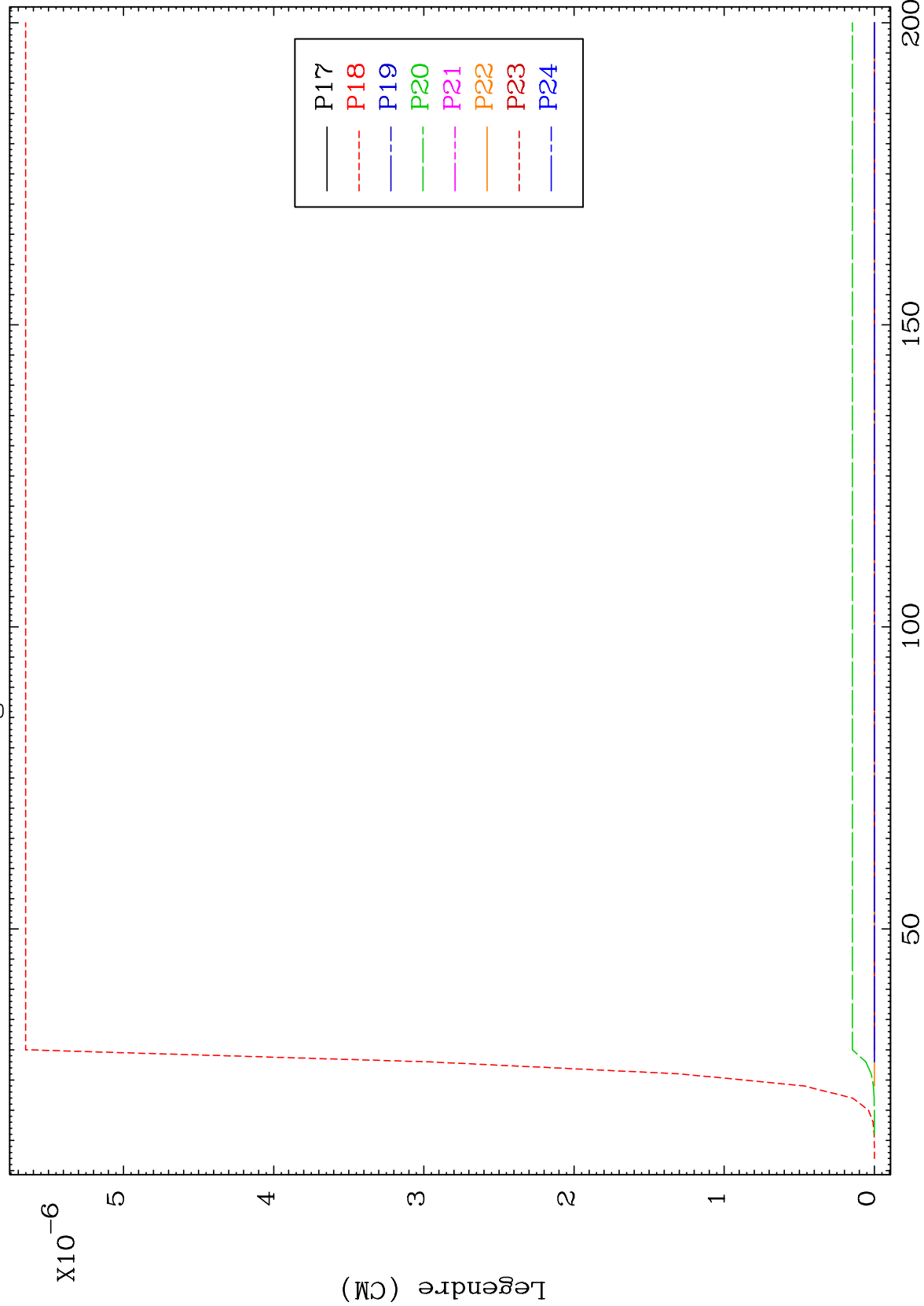
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



34

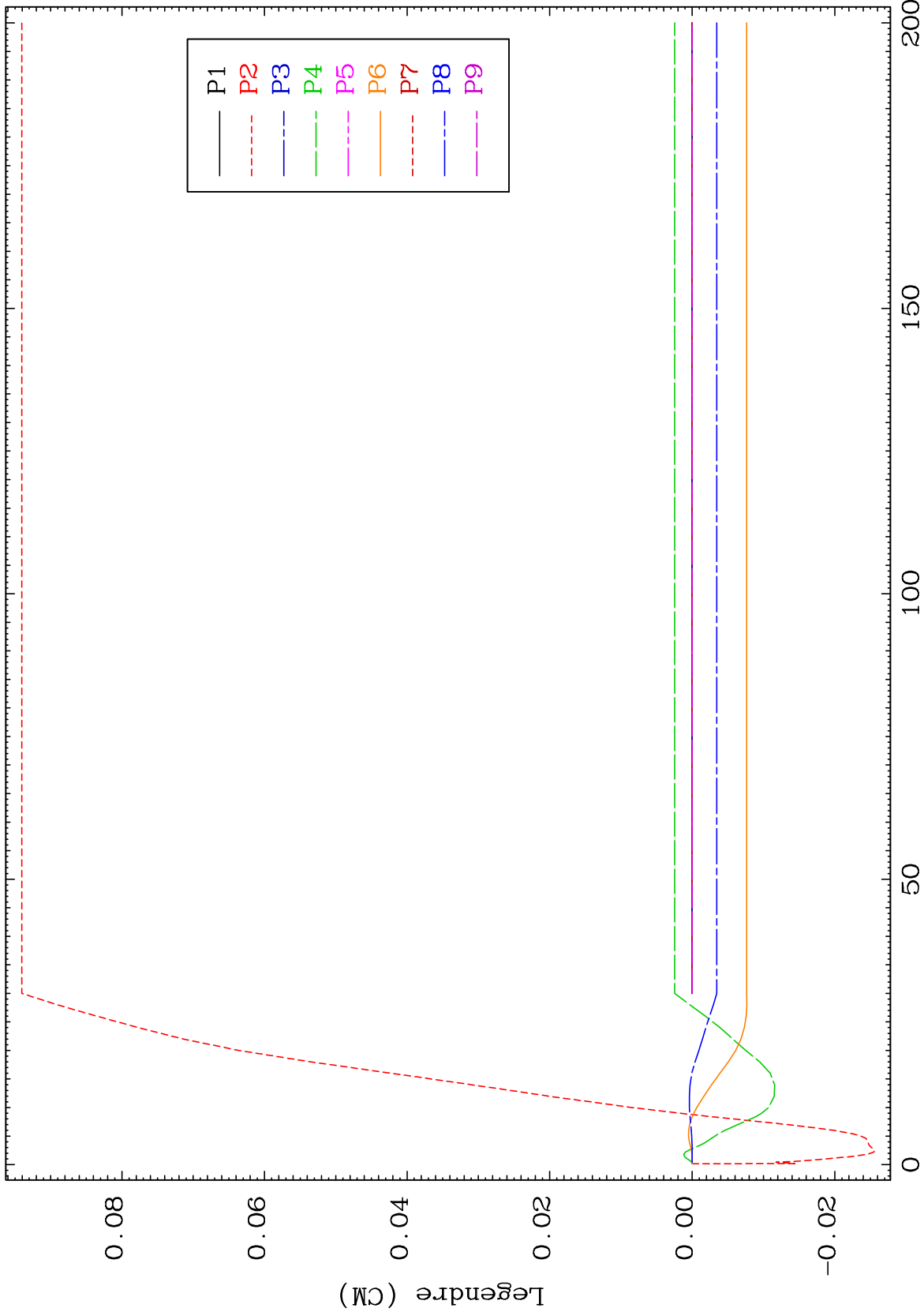
Incident Energy (MeV)

53-I -128

MAT 5328

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

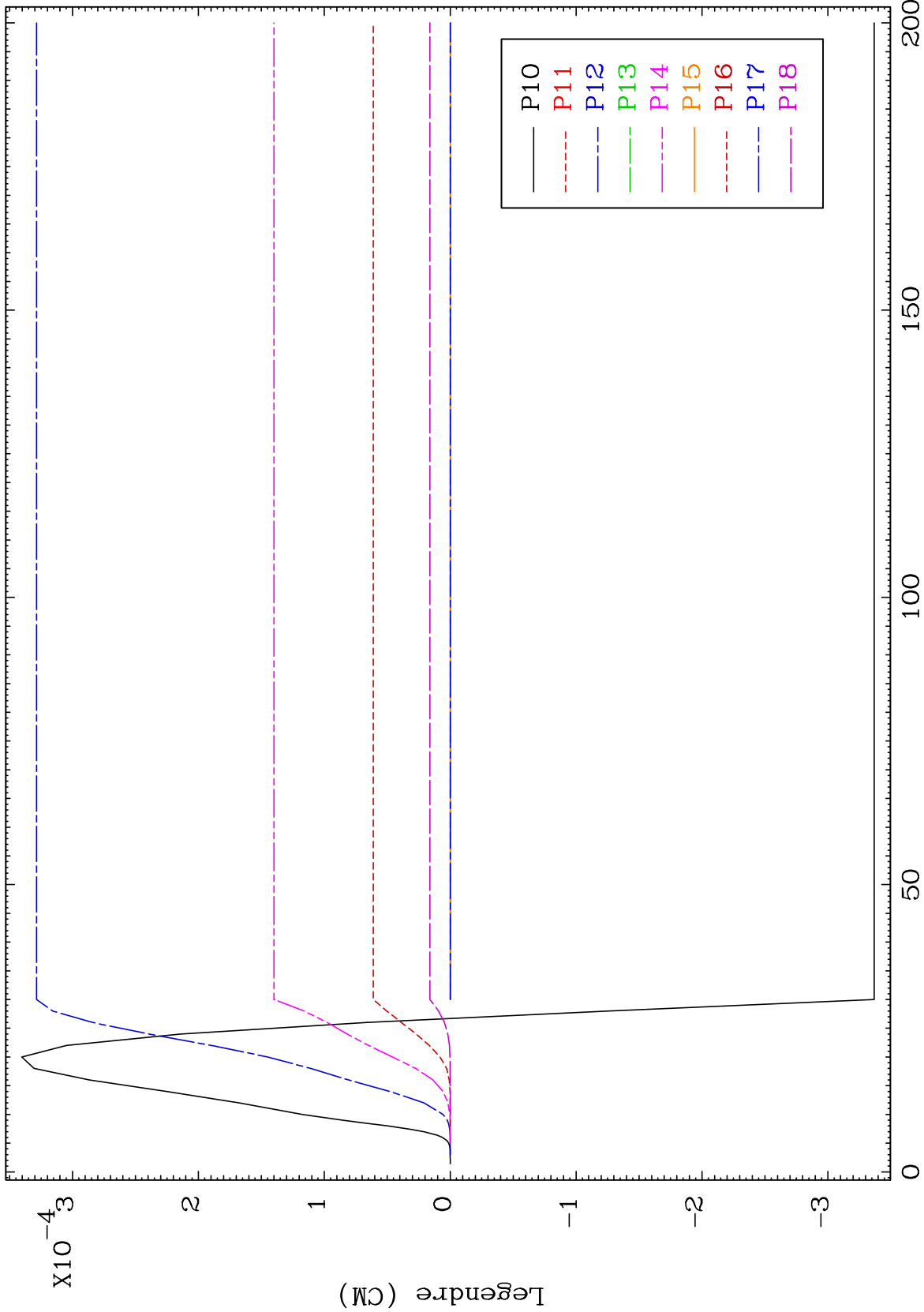
53-I -128



53-I -128

Incident Energy (MeV)

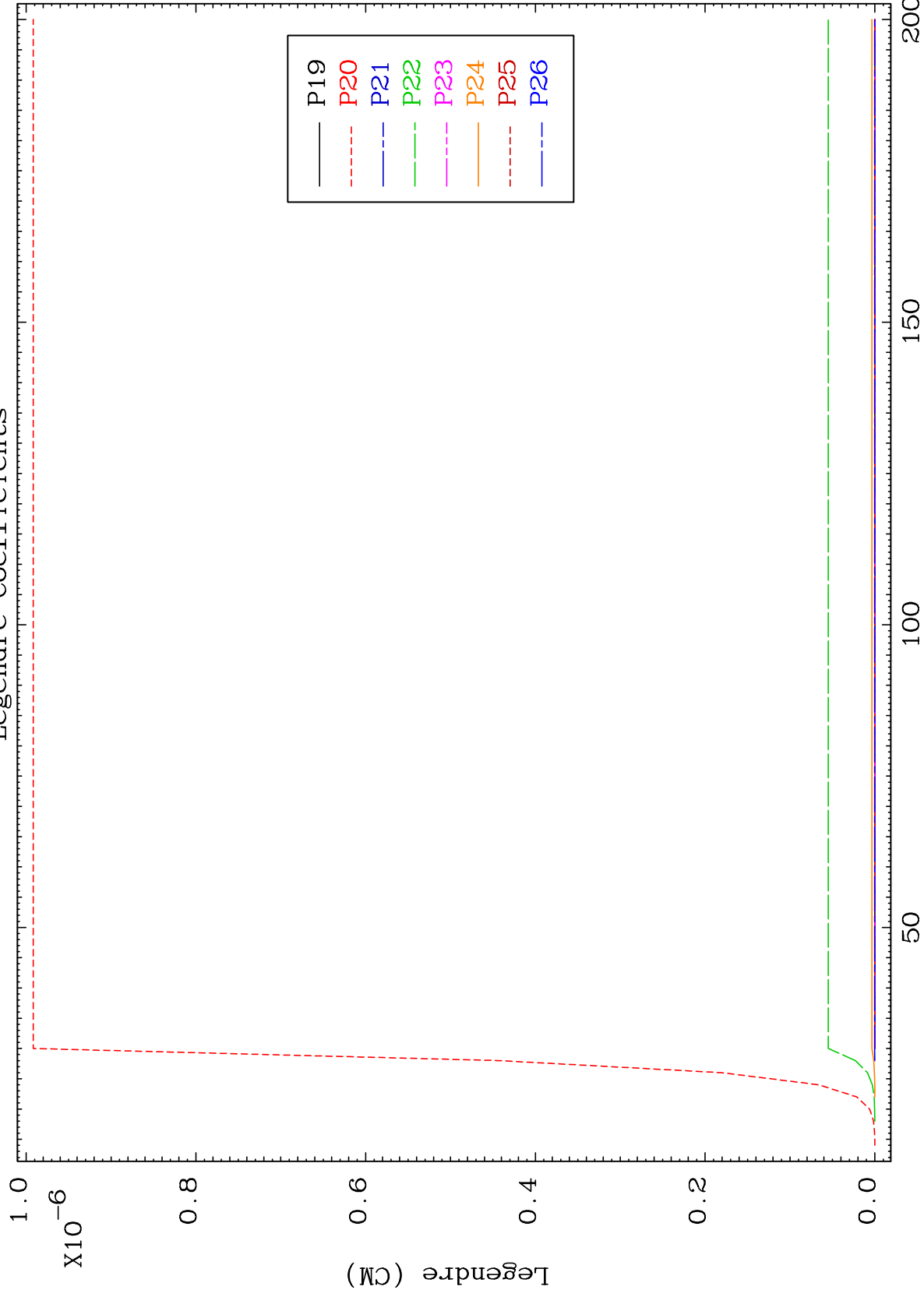
35



MAT 5328

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

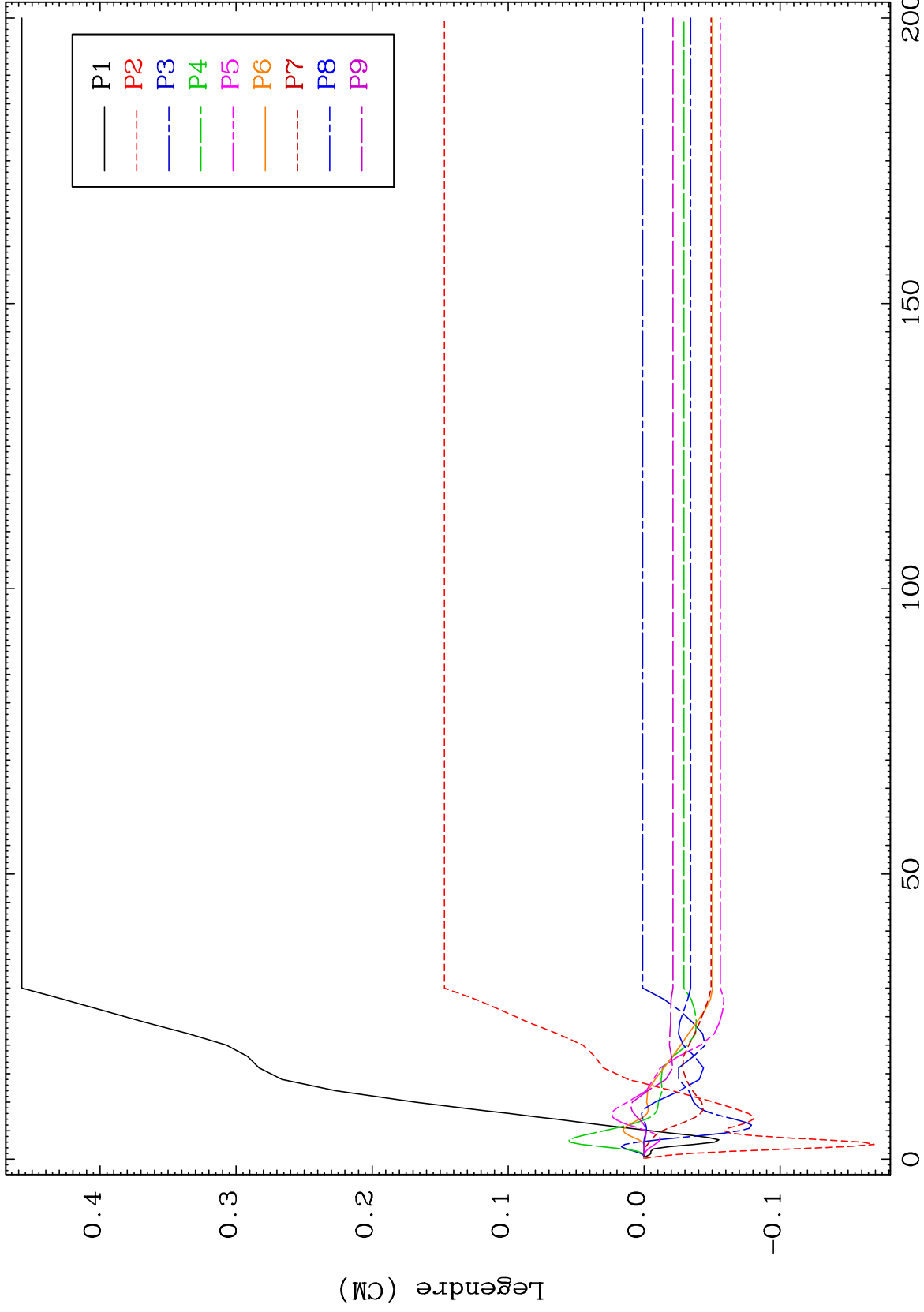
53-I -128



37

Incident Energy (MeV)

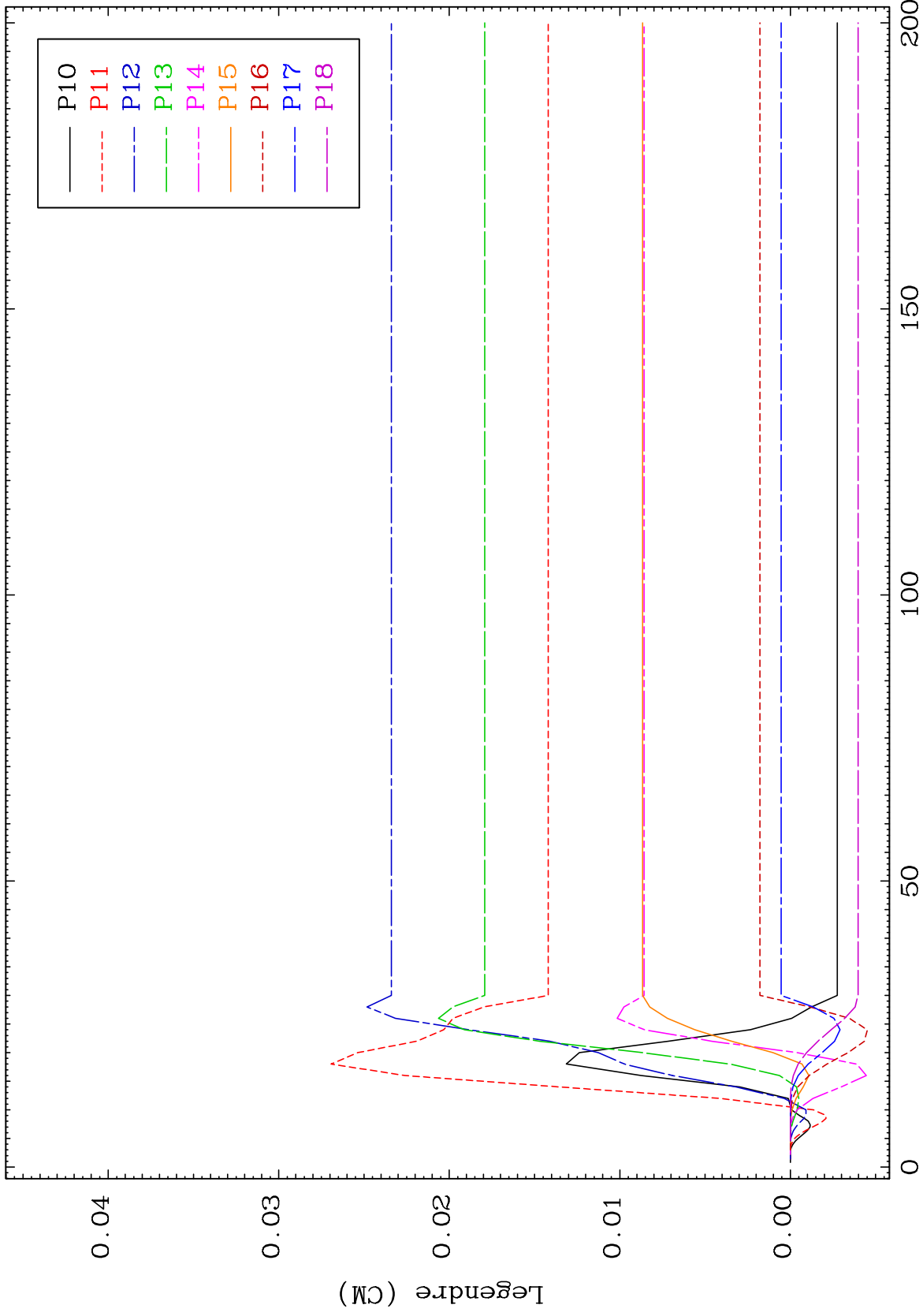
53-I -128



MAT 5328

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

53-I -128



39

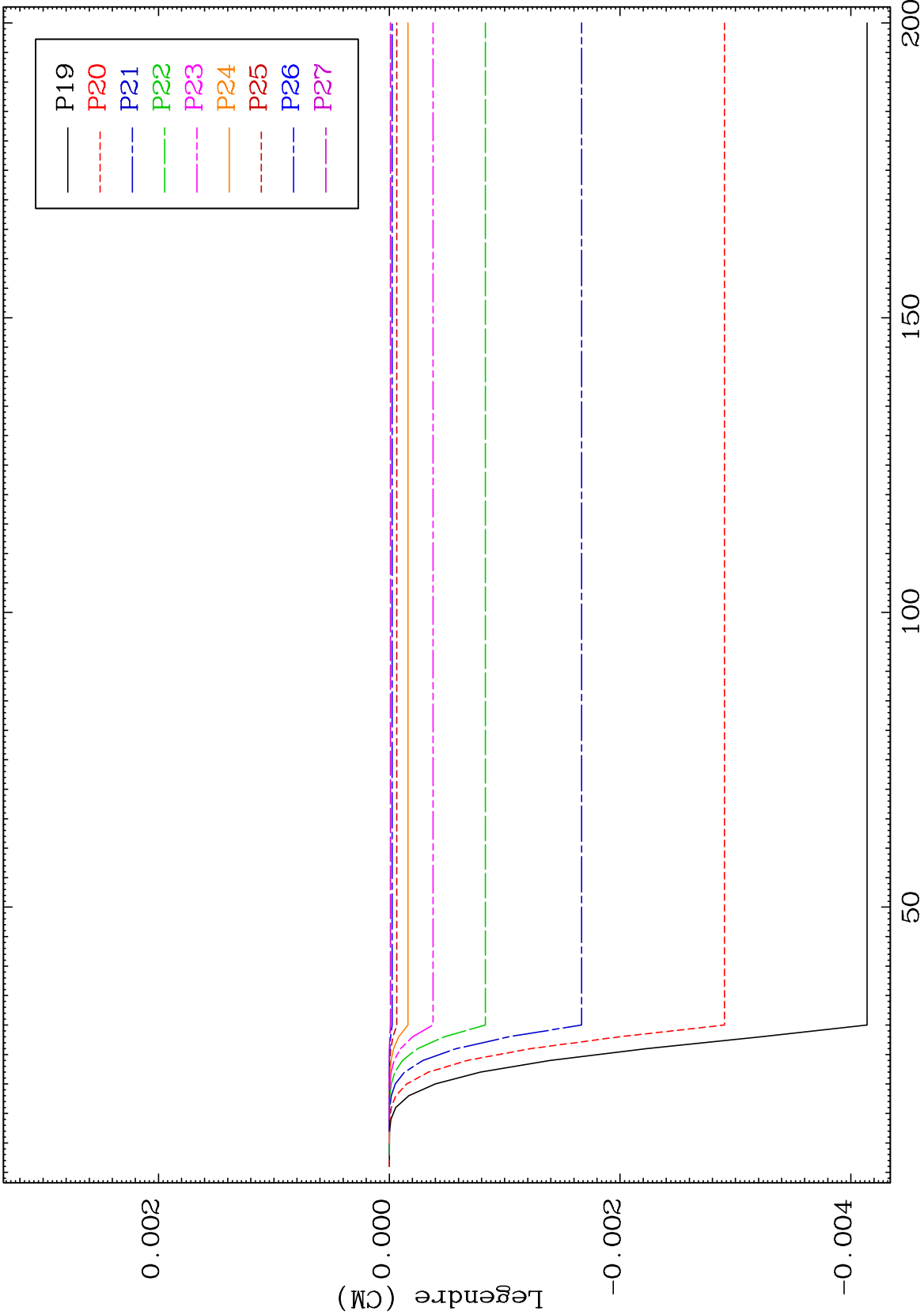
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



40

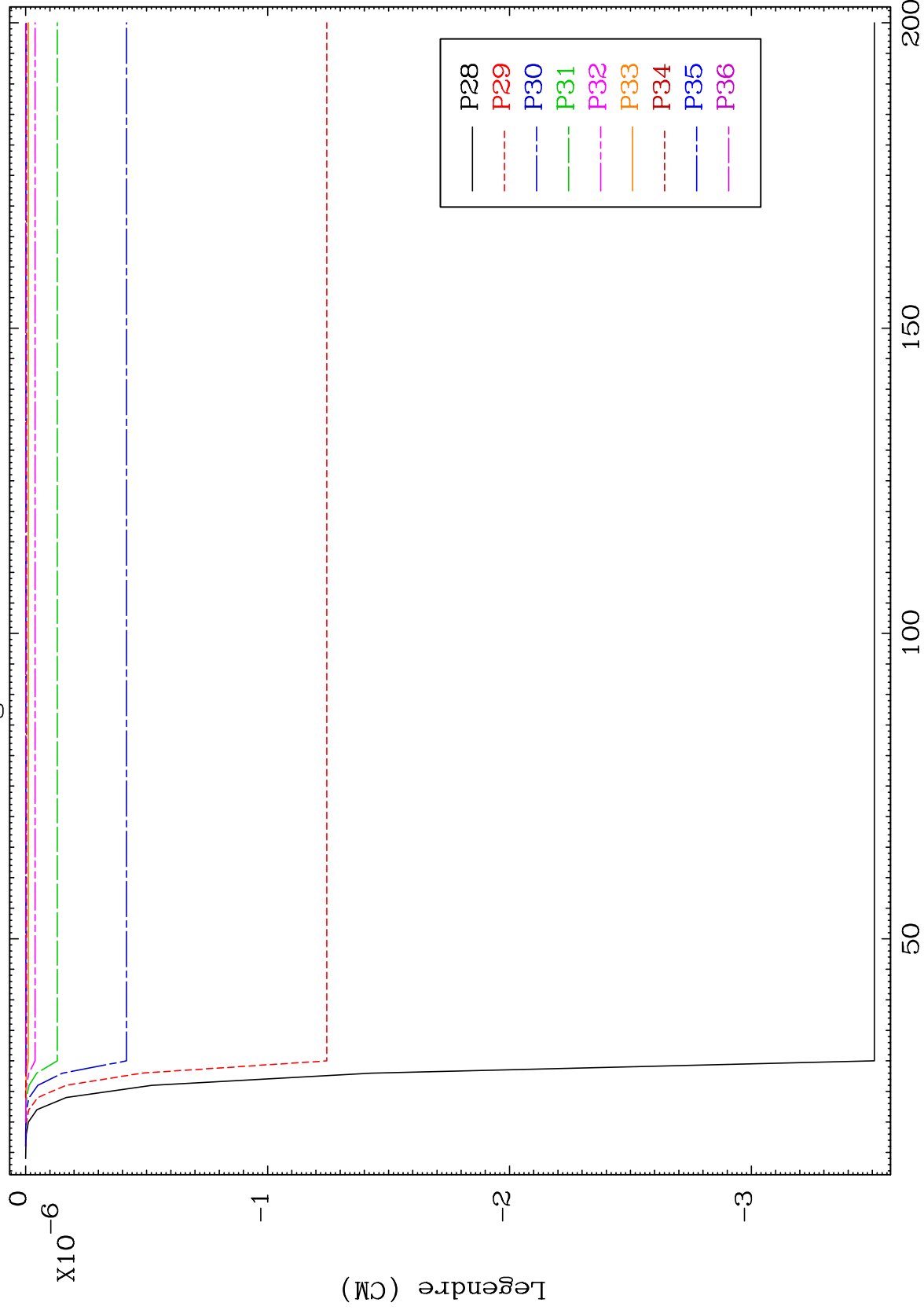
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



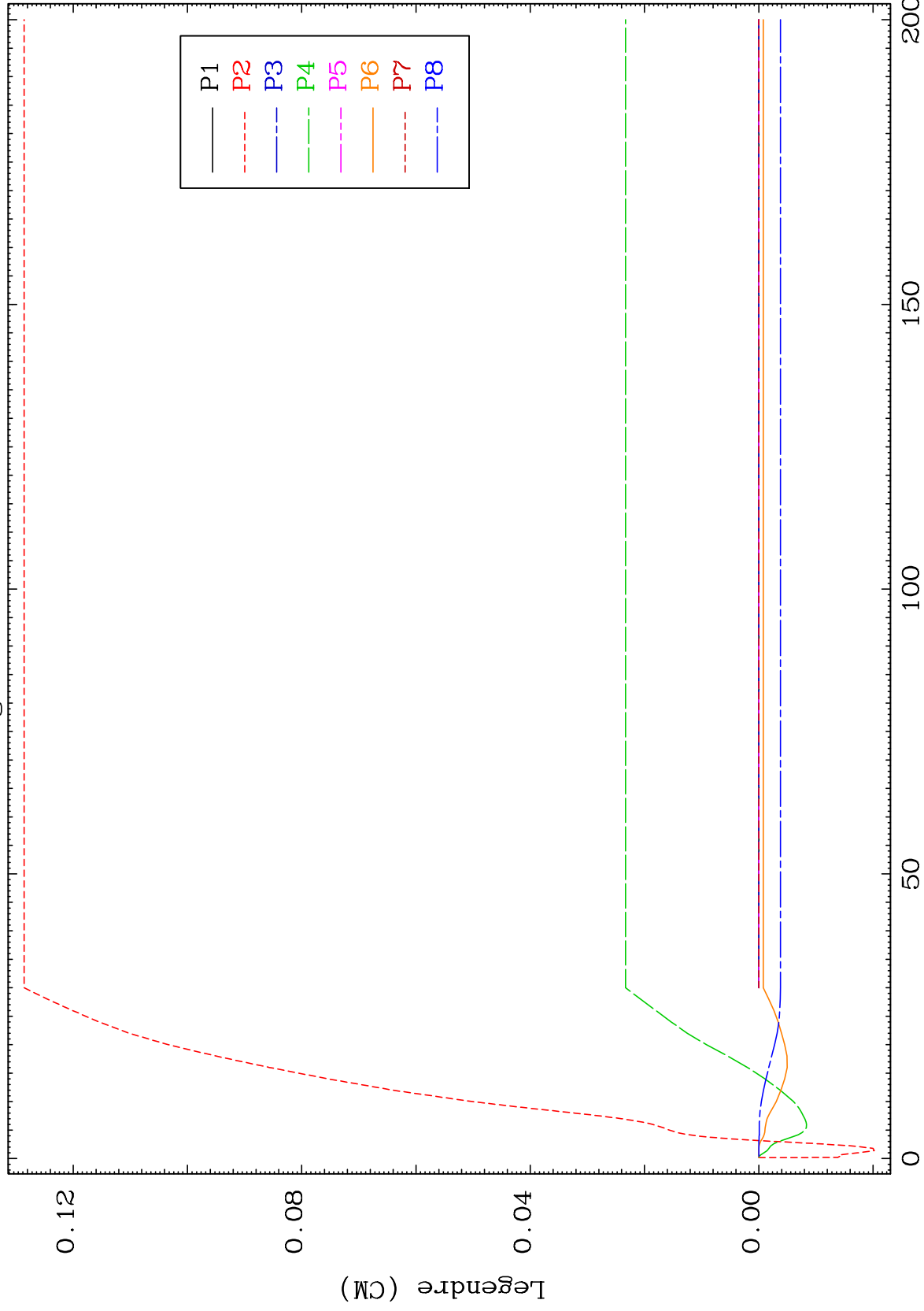
41

53-I -128

MAT 5328

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

53-I -128



53-I -128

Incident Energy (MeV)

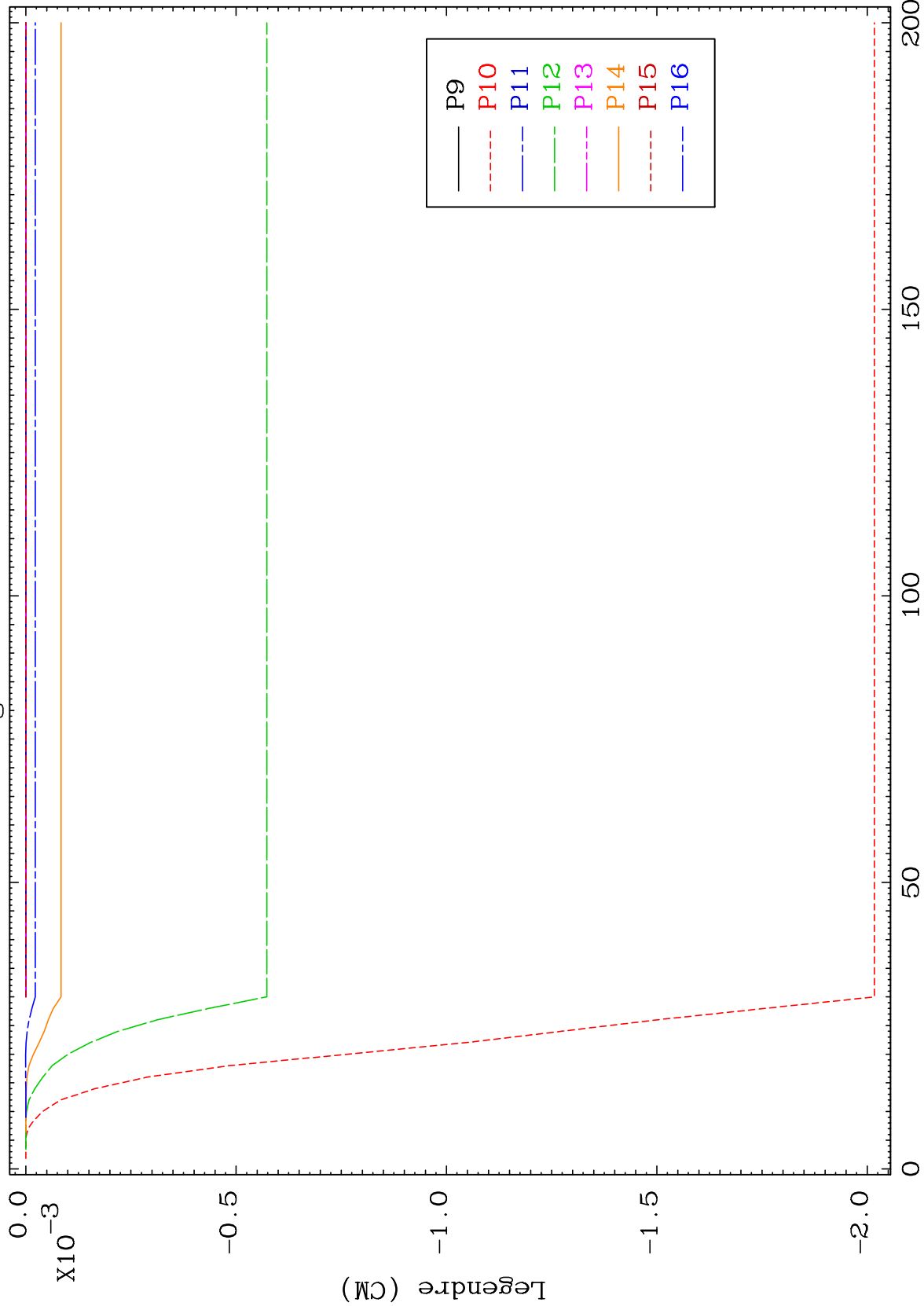
42

MAT 5328

MT= 57 (n,n') Level

53-I -128

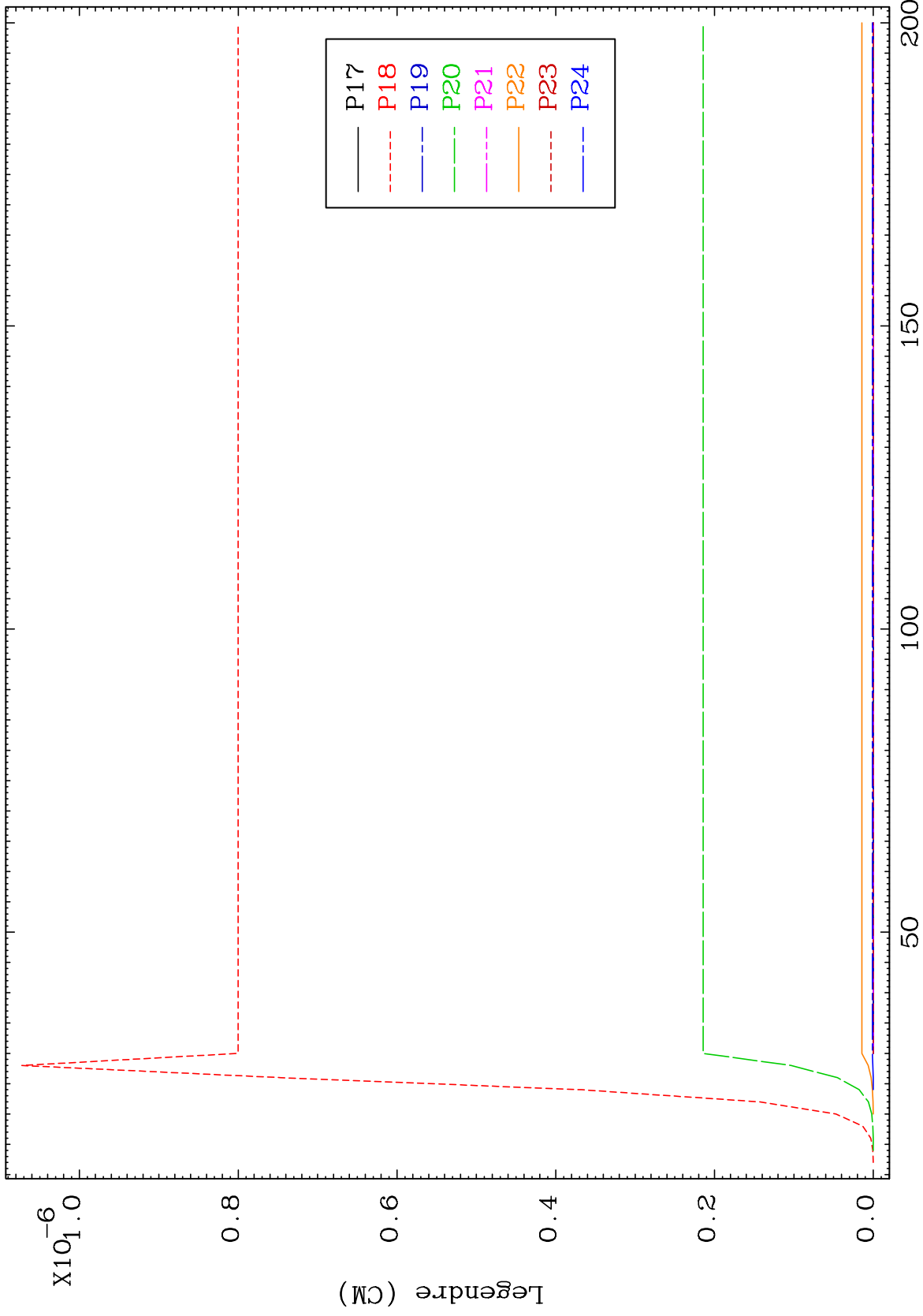
Legendre Coefficients



43

Incident Energy (MeV)

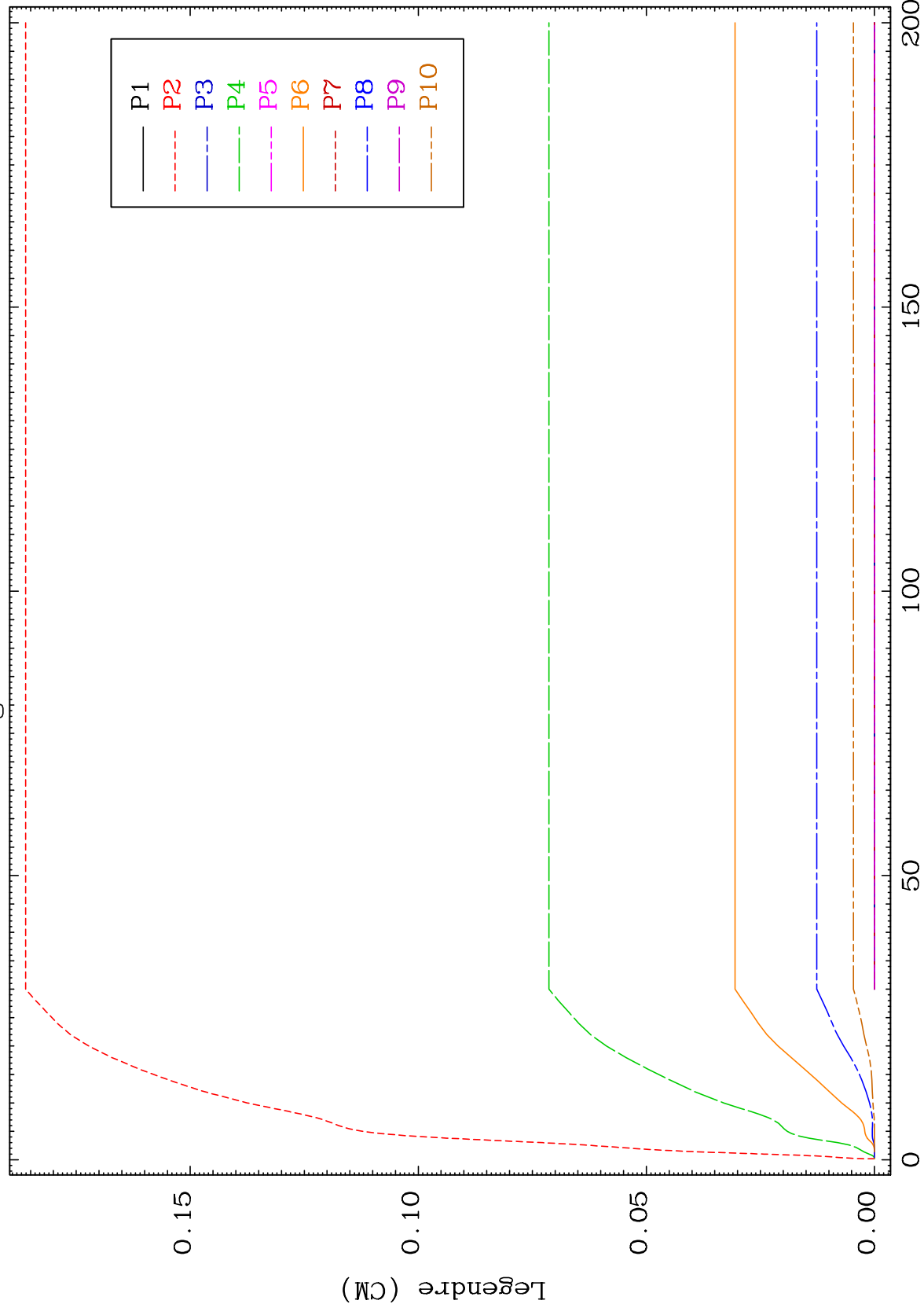
53-I -128



MAT 5328

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

53-I -128



53-I -128

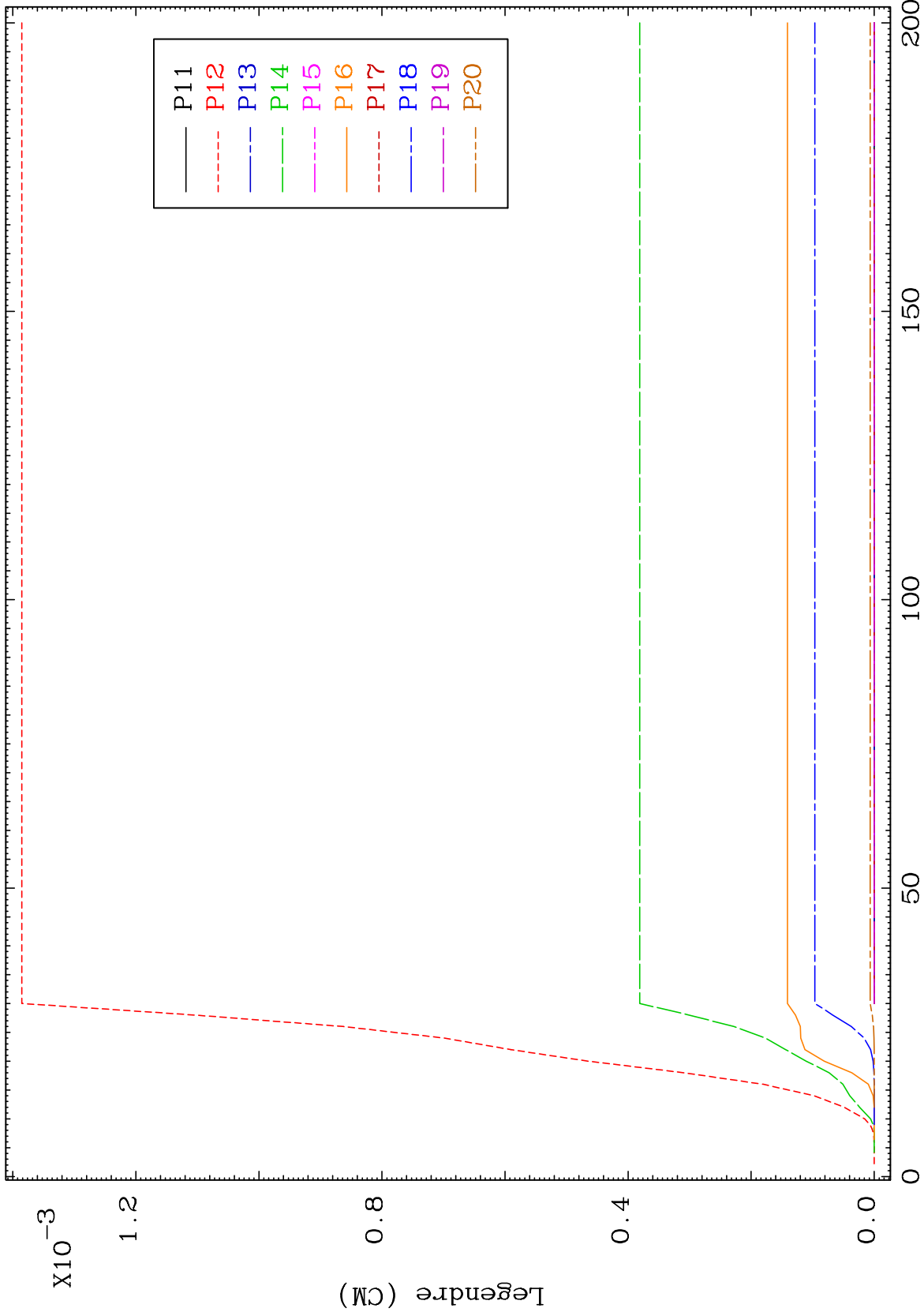
Incident Energy (MeV)

45

MAT 5328

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

53-I -128



46

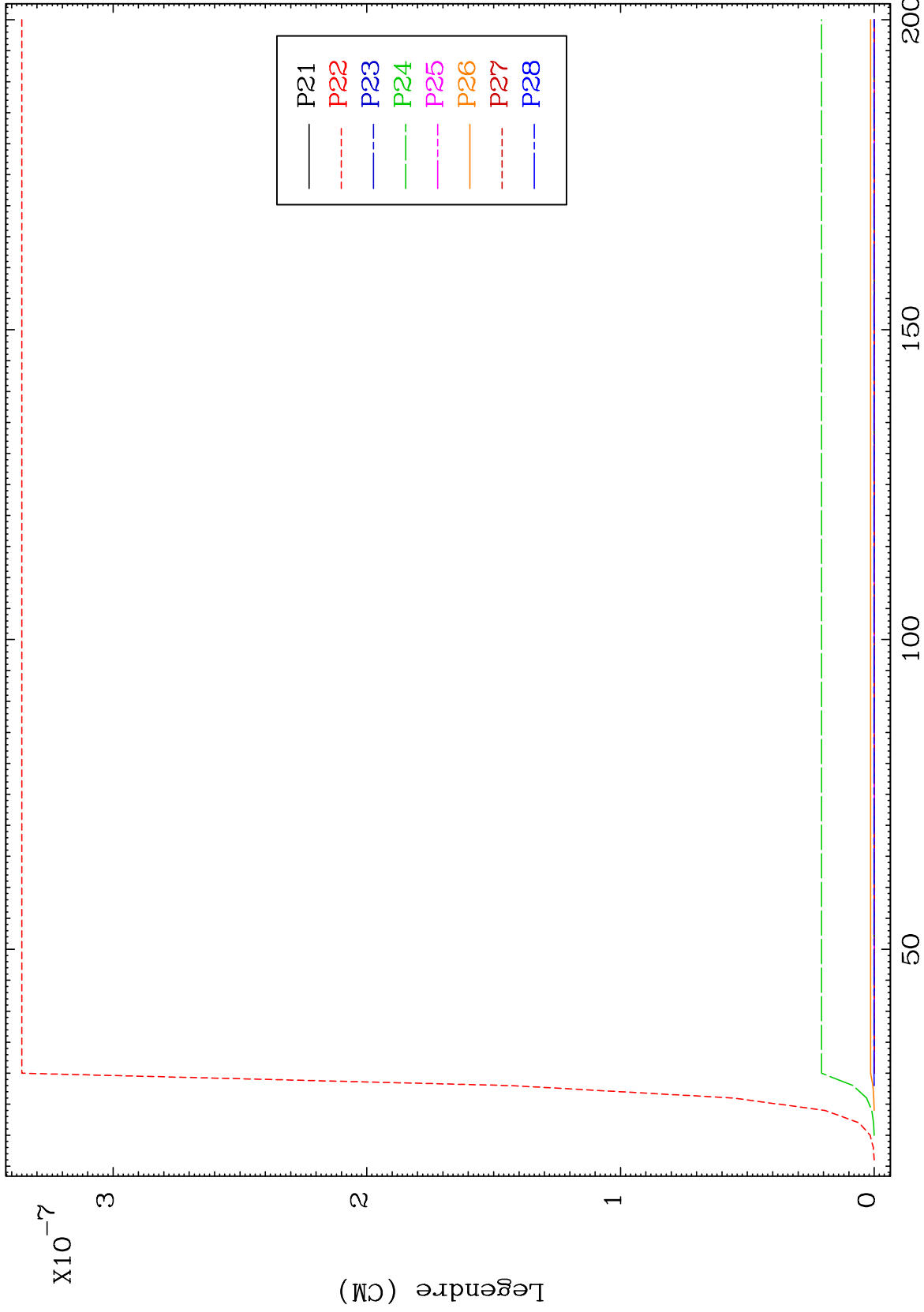
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



47

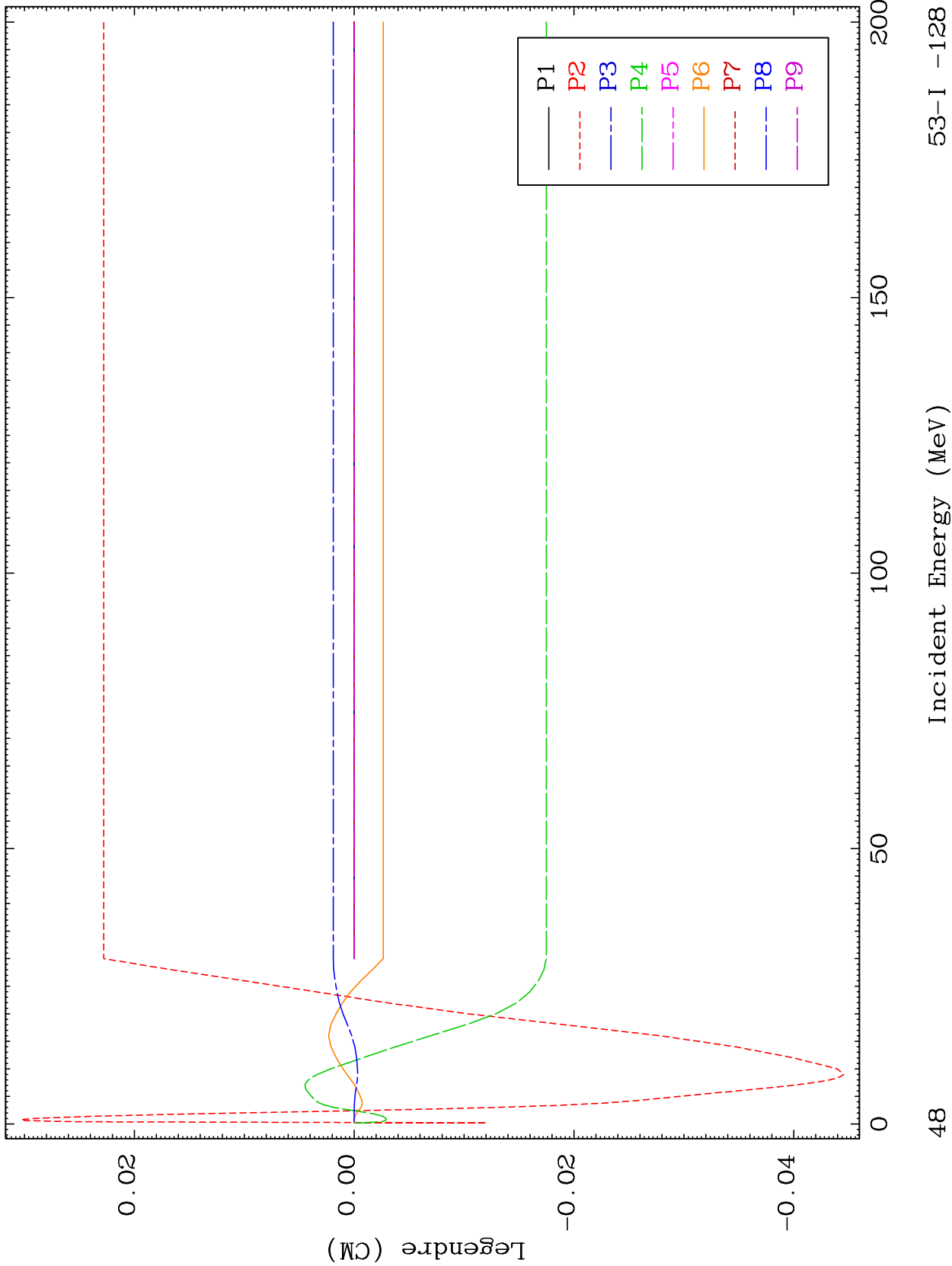
Incident Energy (MeV)

53-I -128

MAT 5328

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

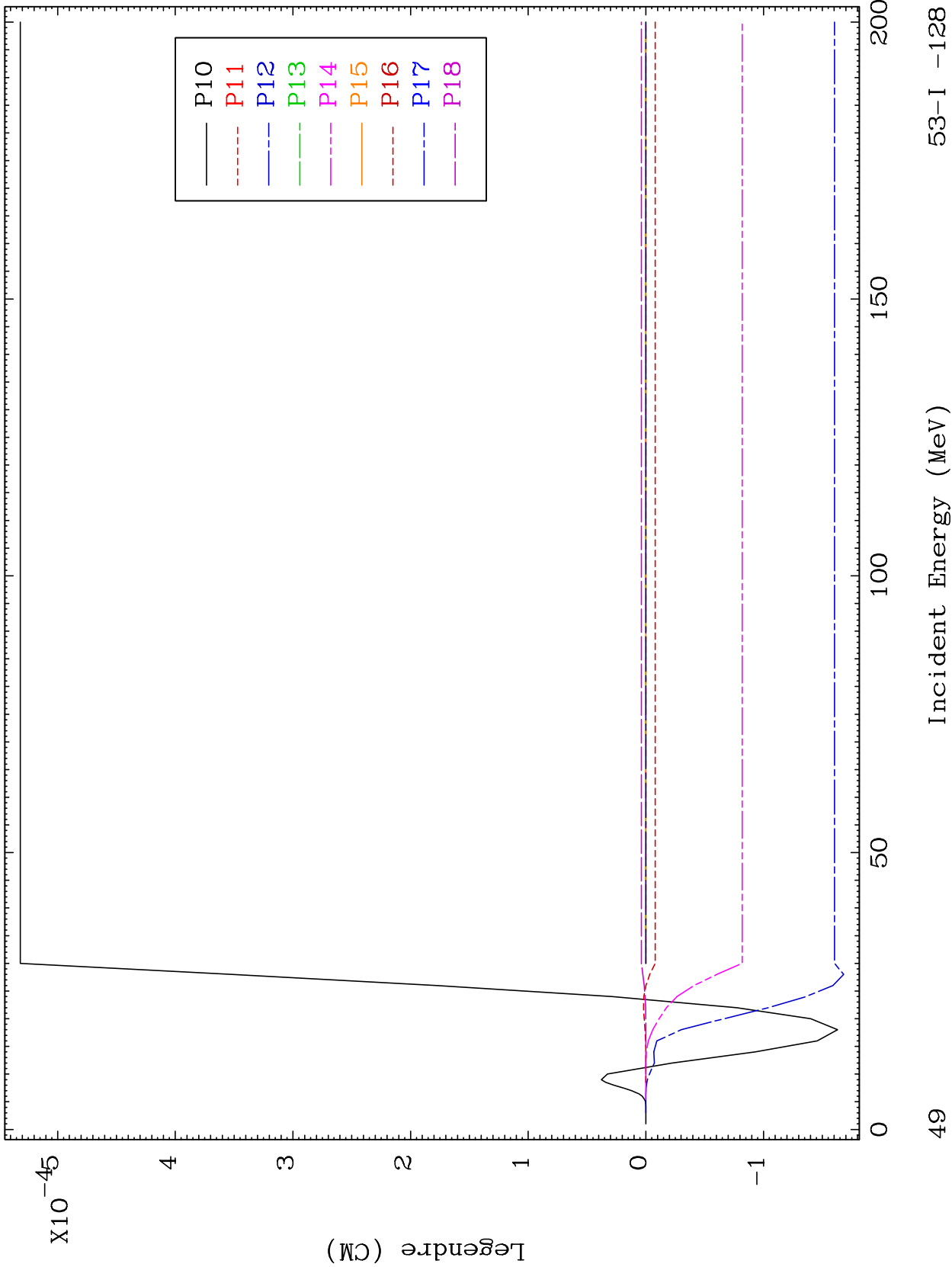
53-I -128



53-I -128

Incident Energy (MeV)

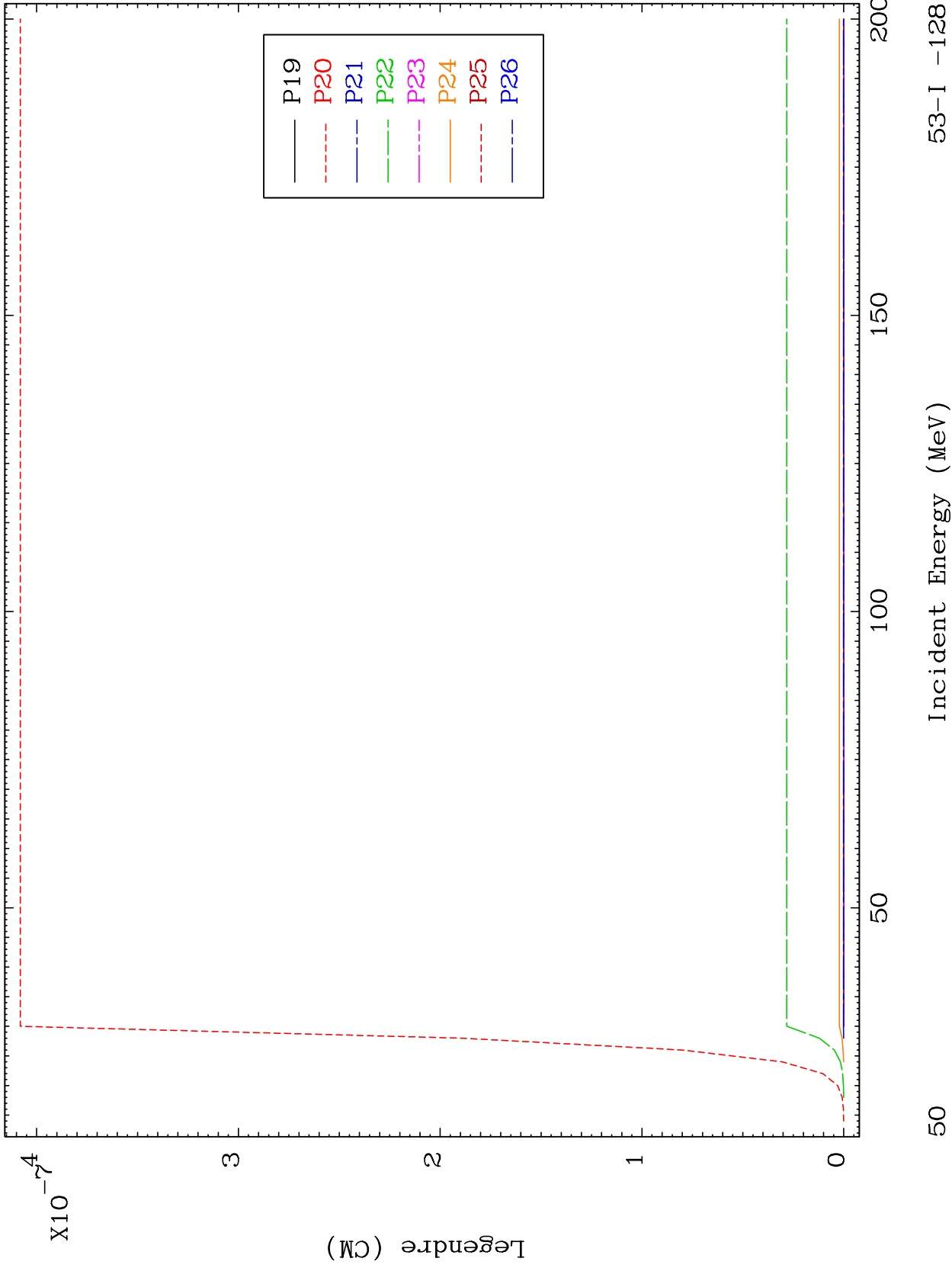
48



MAT 5328

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

53-I -128



53-I -128

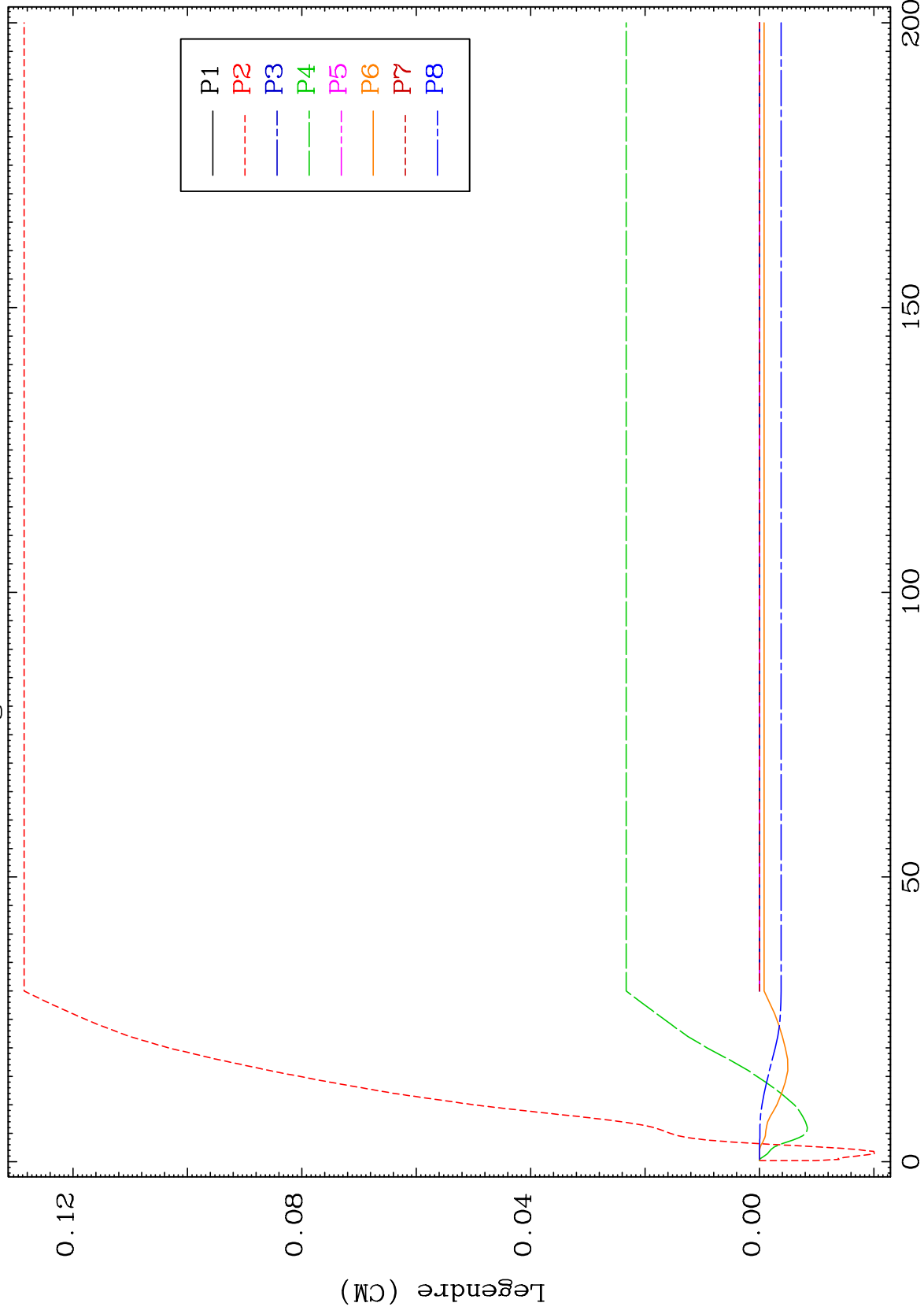
Incident Energy (MeV)

50

MAT 5328

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

53-I -128



51

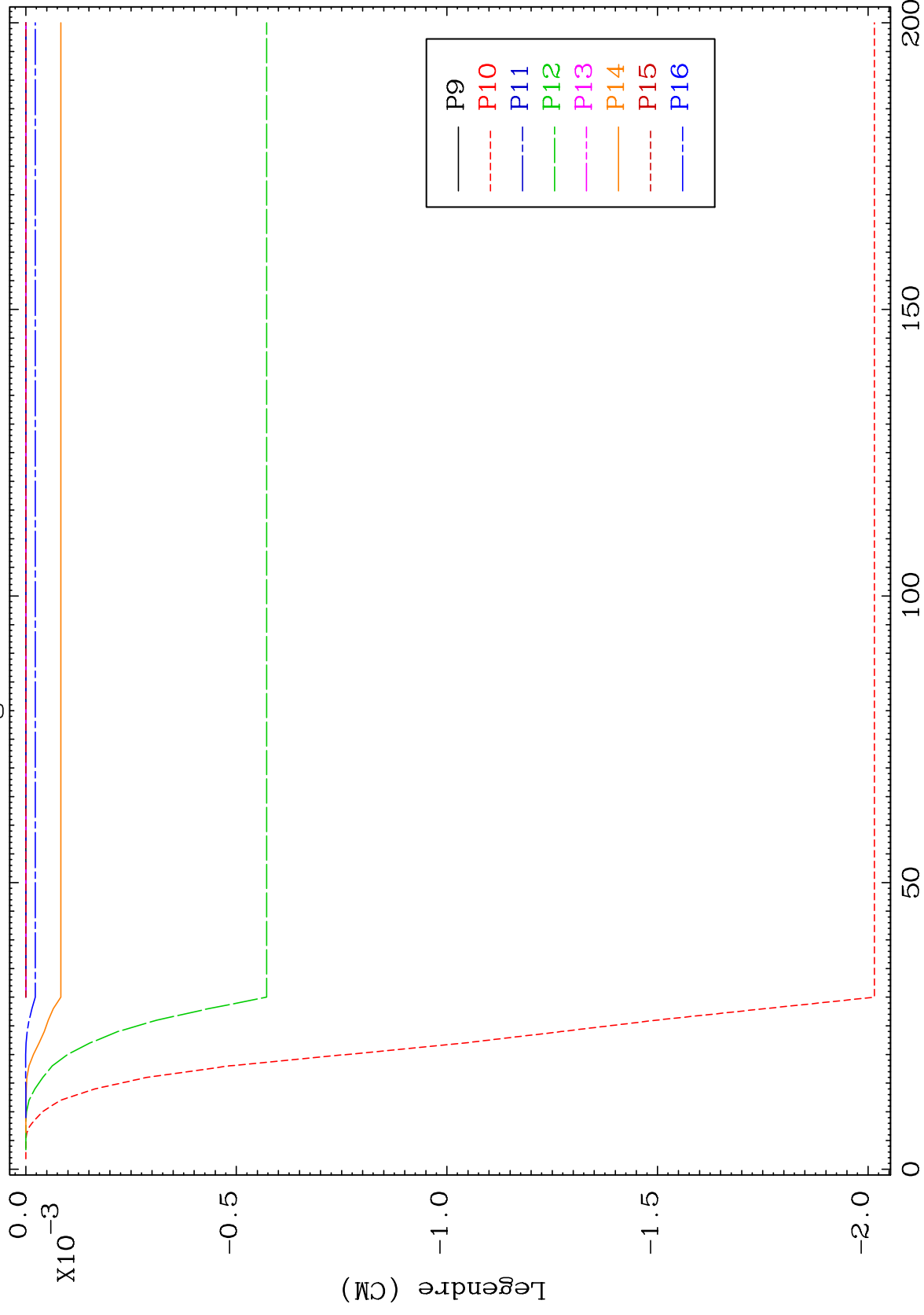
Incident Energy (MeV)

53-I -128

MAT 5328

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

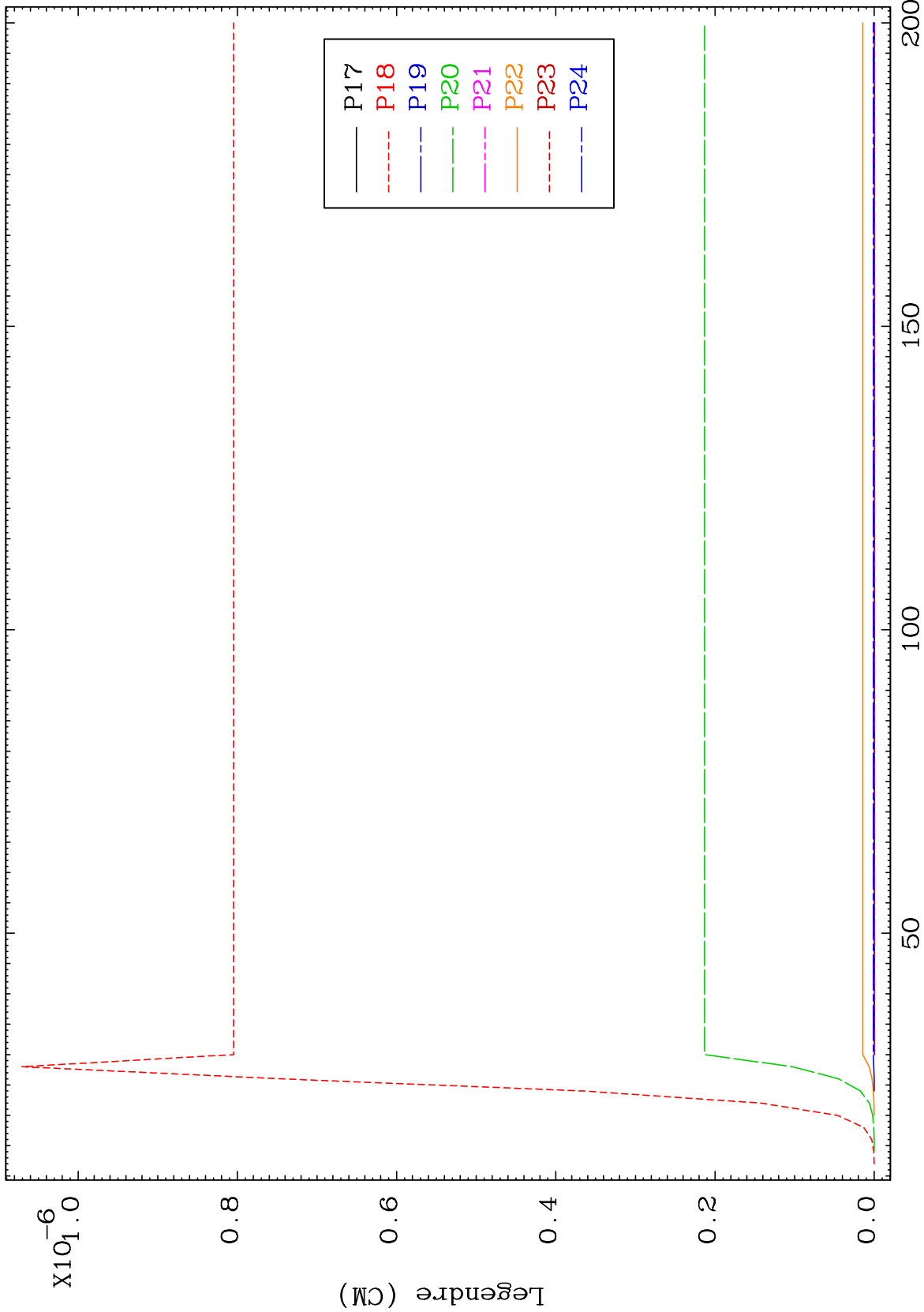
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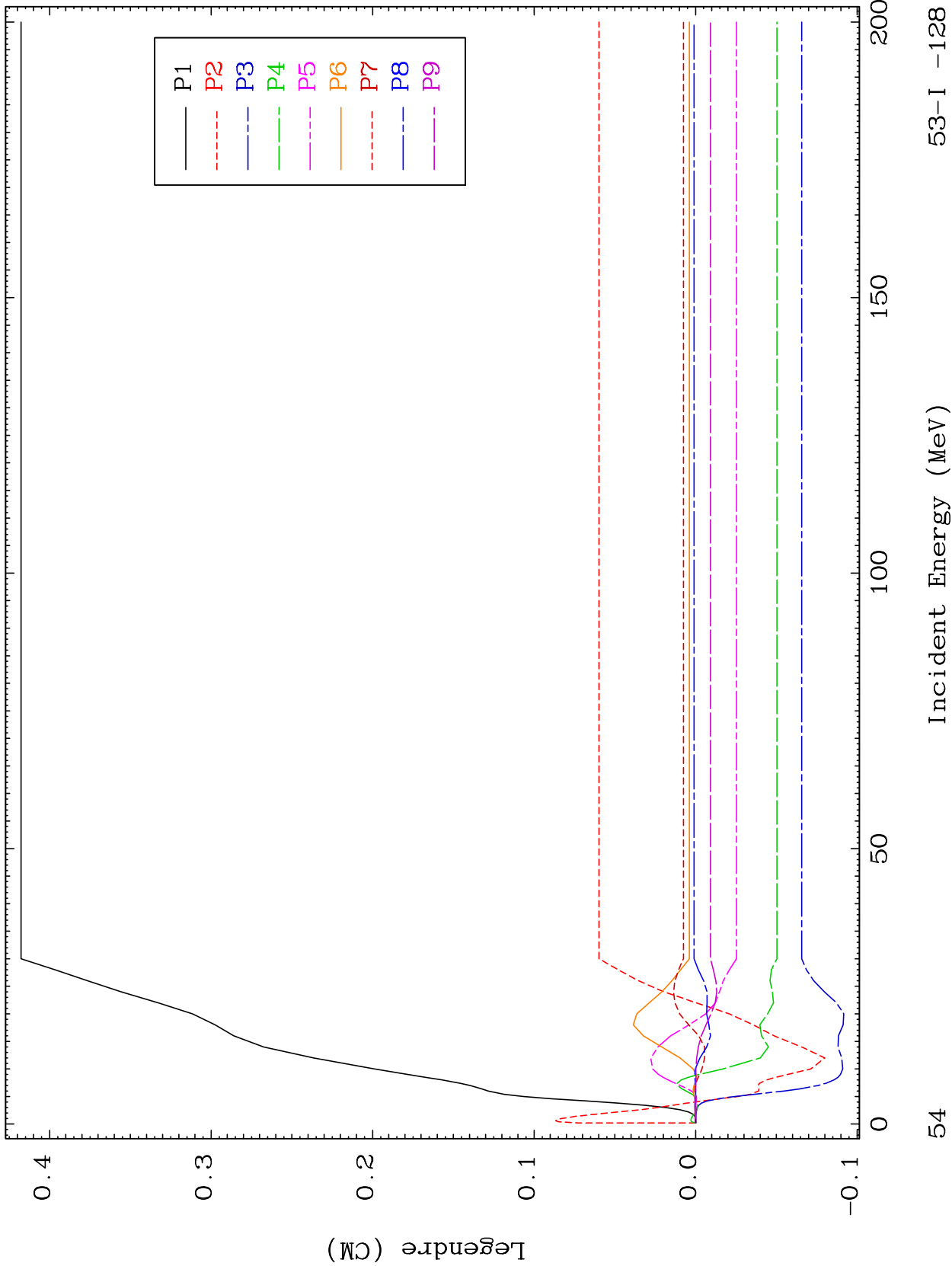


52

Incident Energy (MeV)

53-I -128

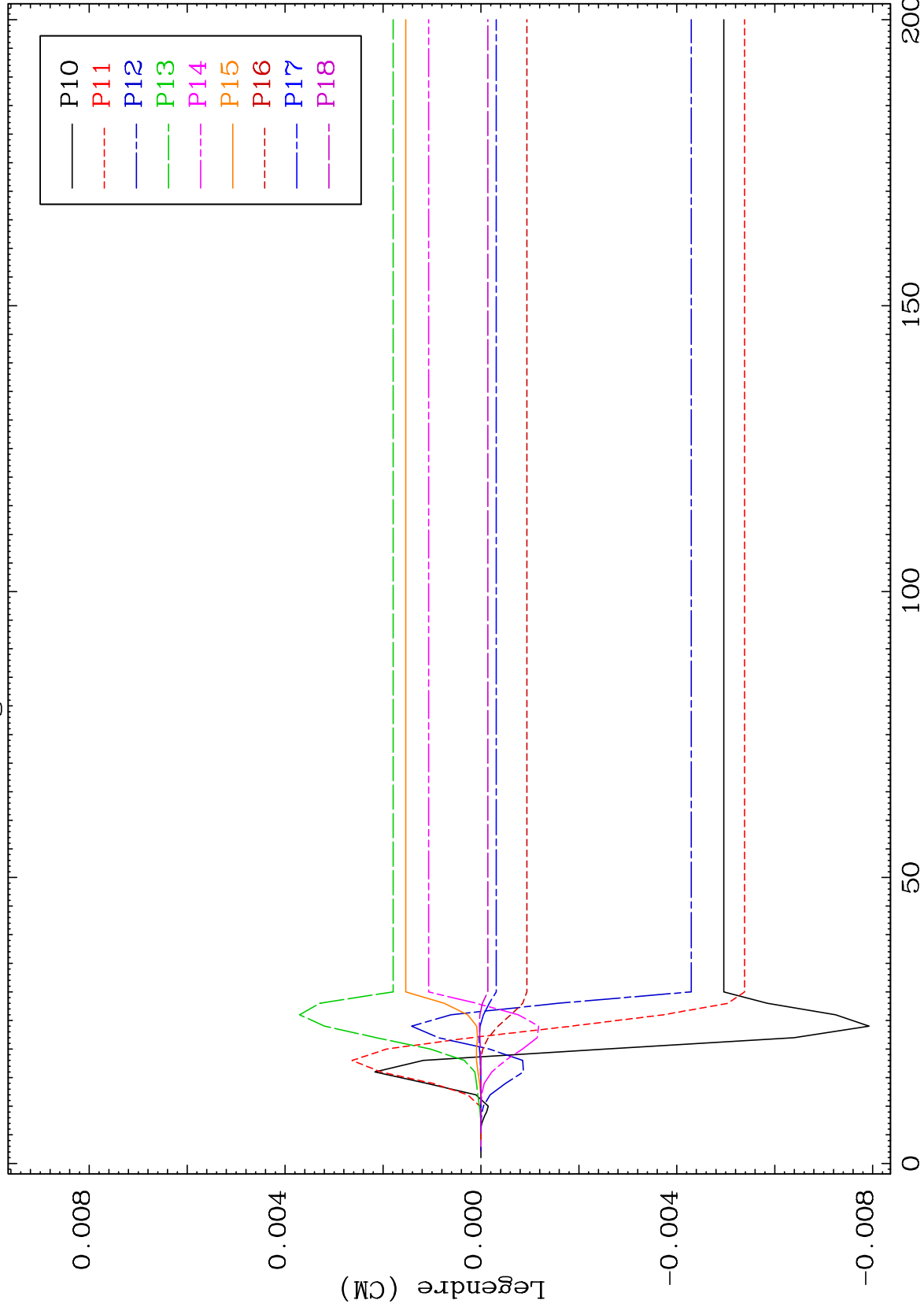




MAT 5328

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

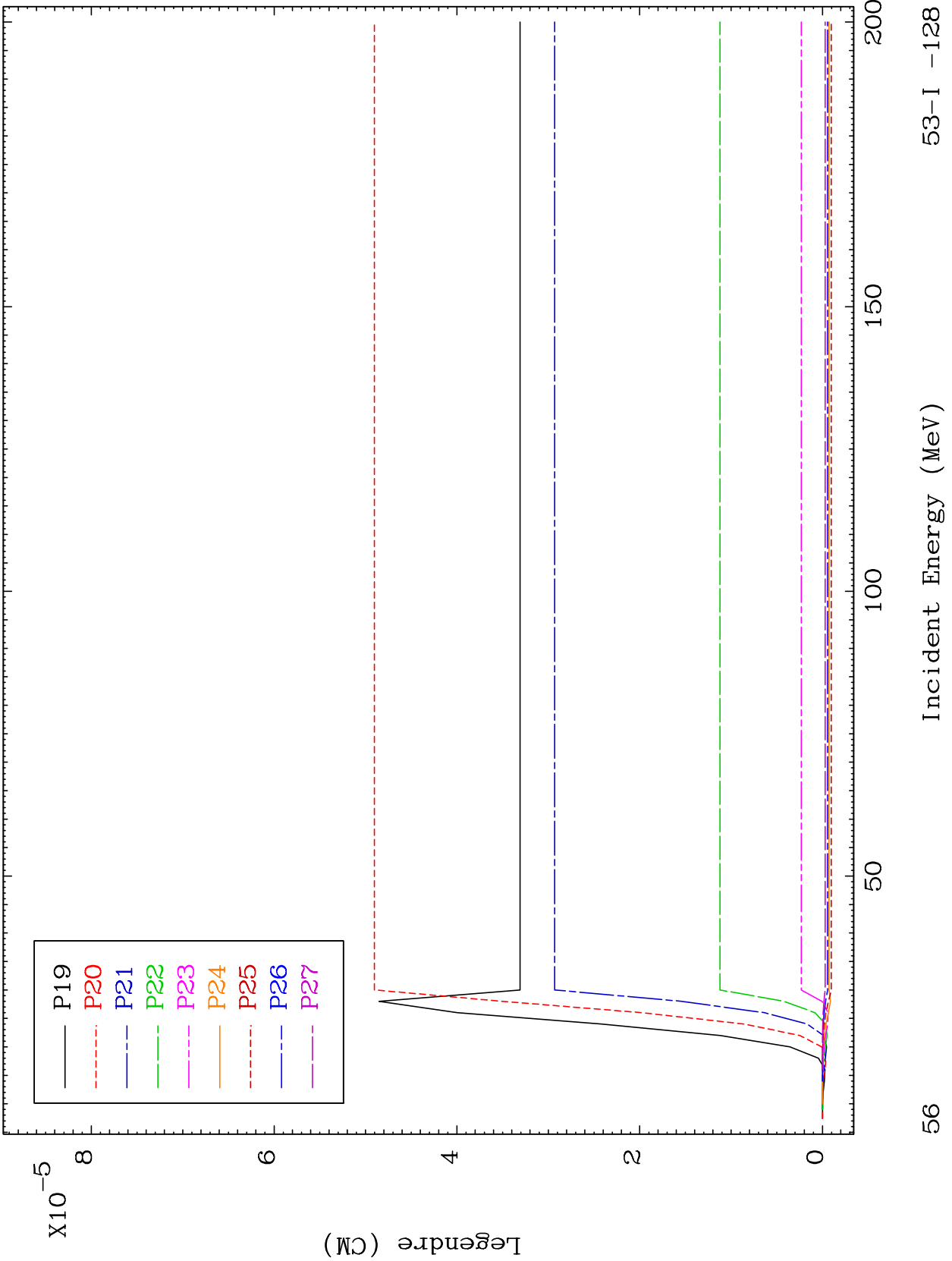
53-I -128



55

Incident Energy (MeV)

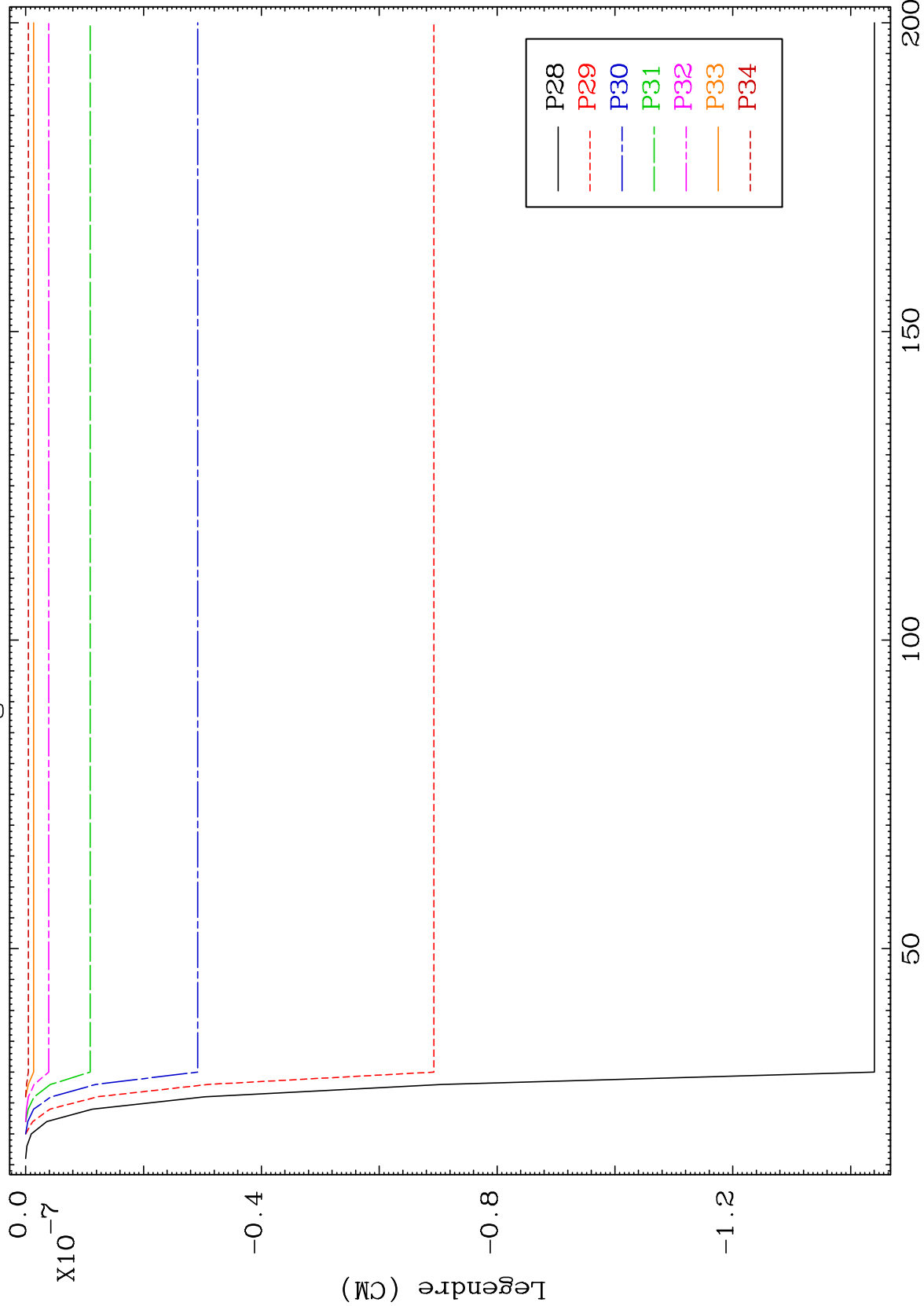
53-I -128



MAT 5328

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

53-I -128



57

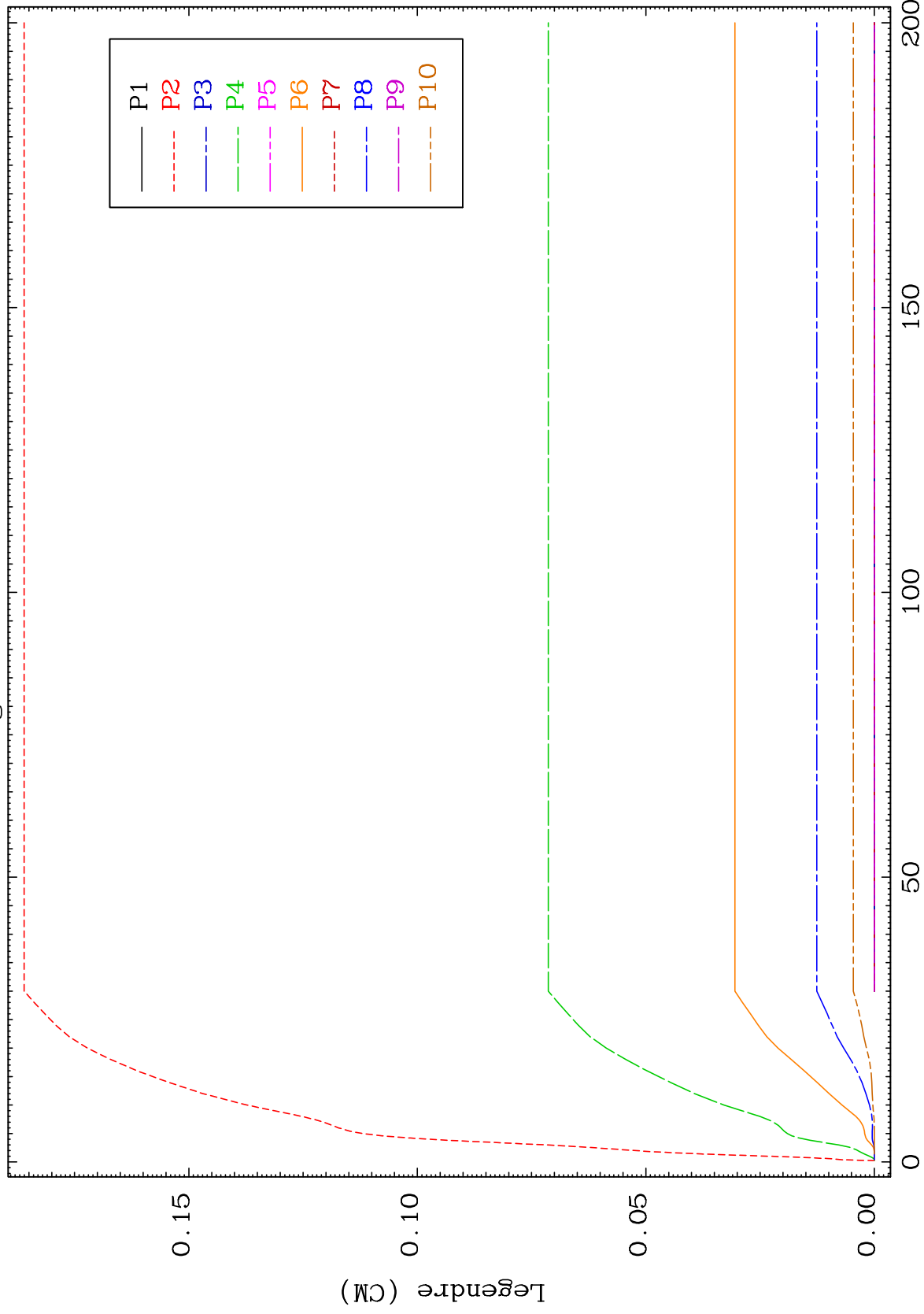
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



58

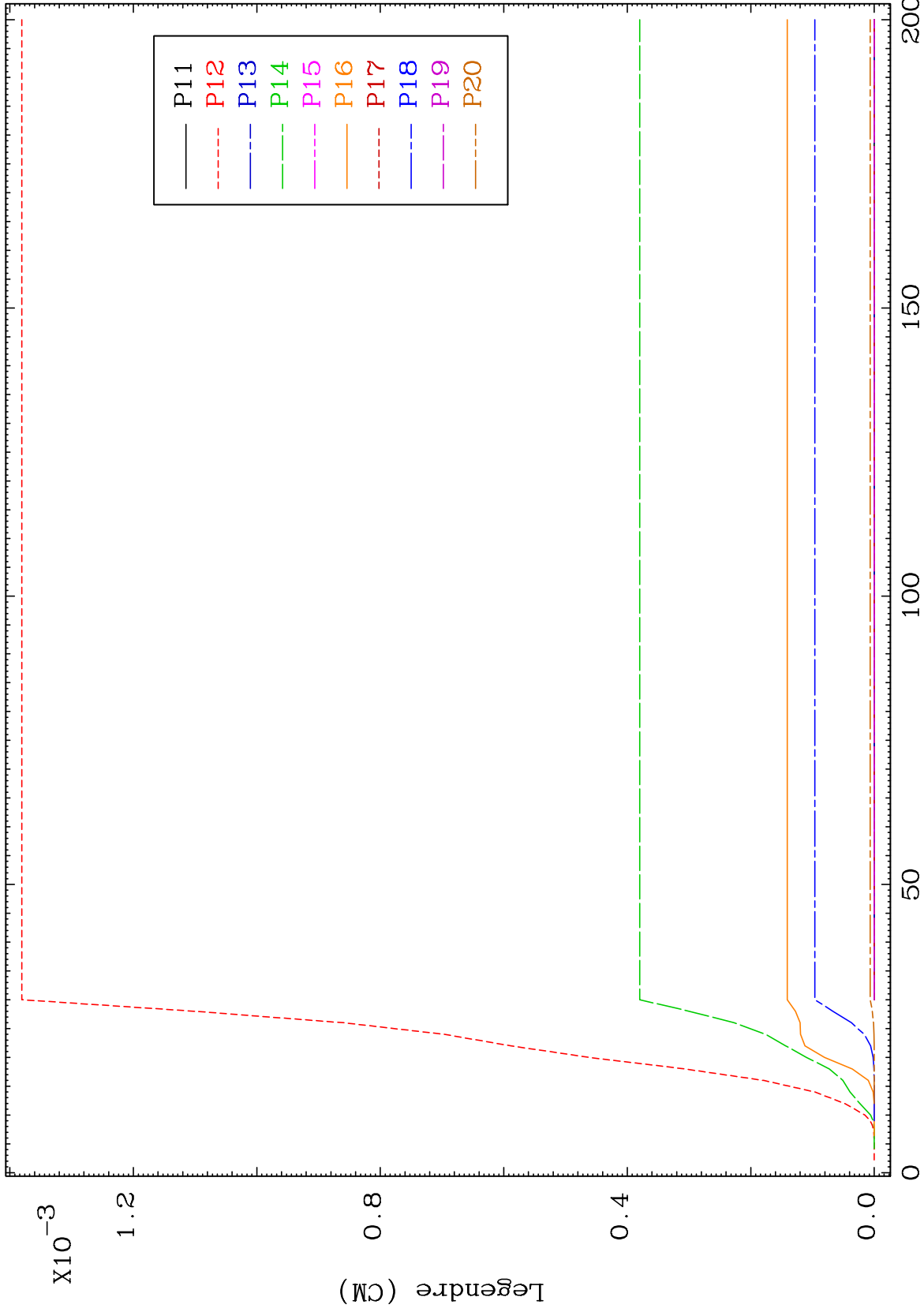
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



59

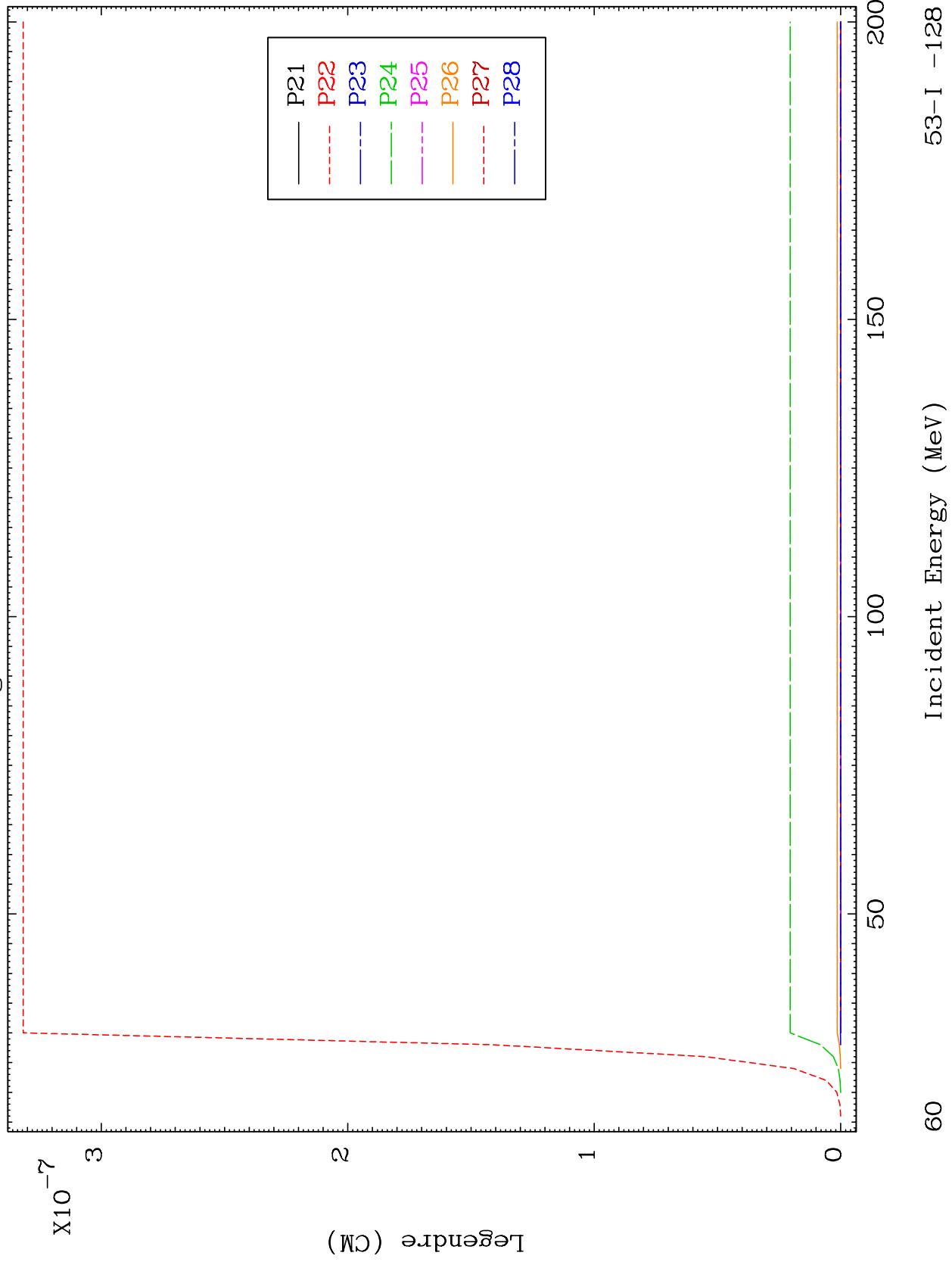
Incident Energy (MeV)

53-I -128

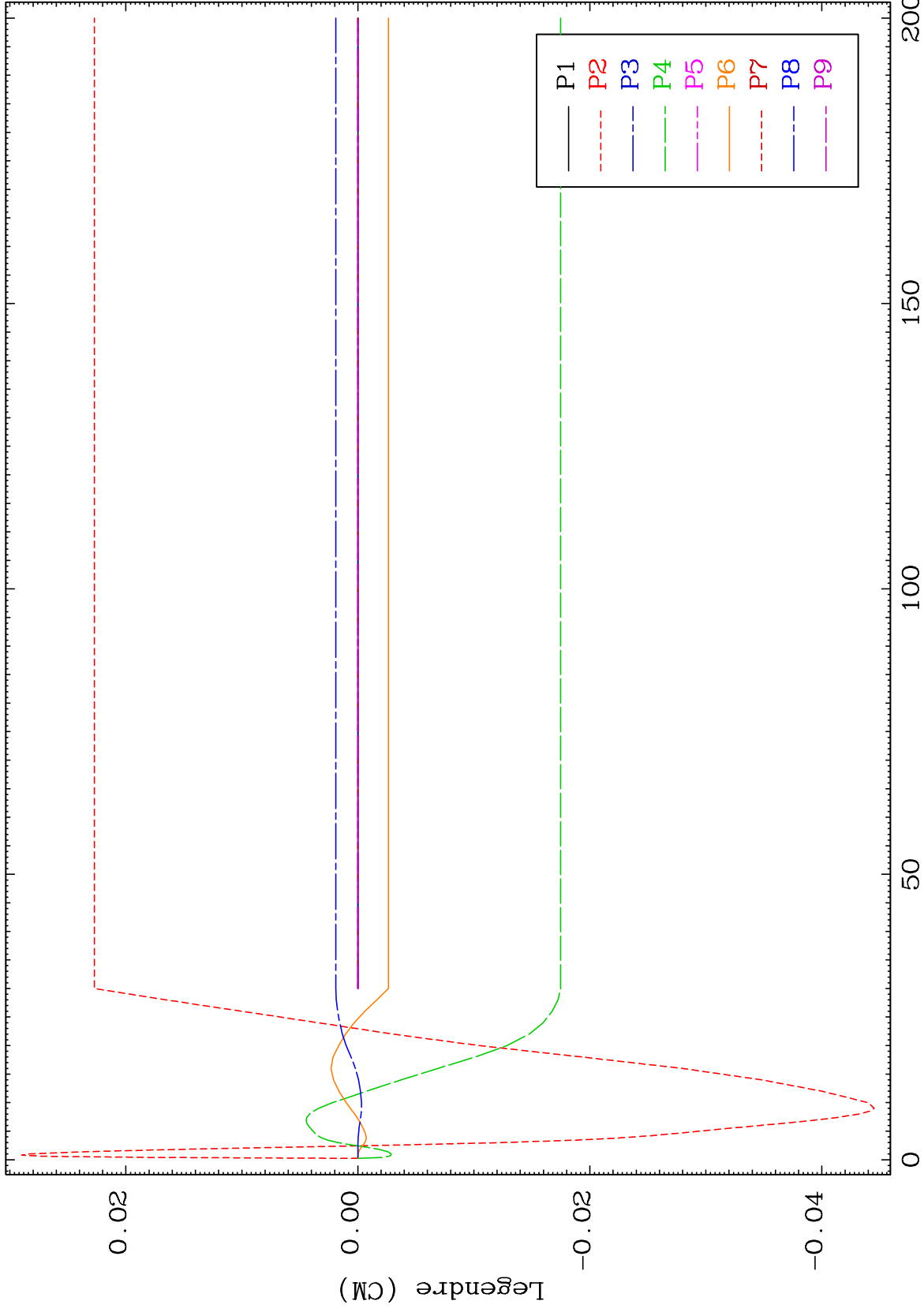
MAT 5328

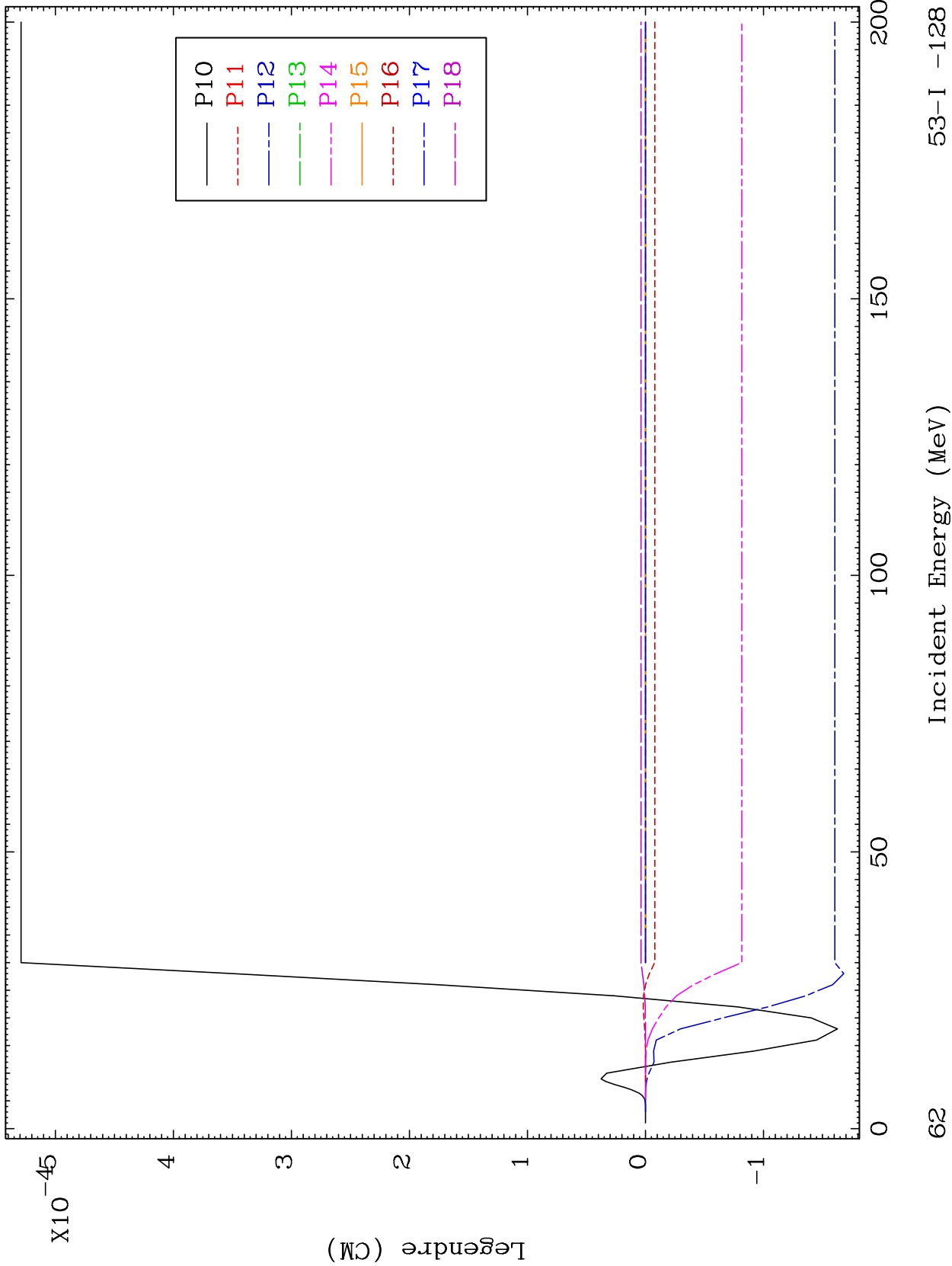
MT= 62 (n,n') Level
Legendre Coefficients

53-I -128



53-I -128

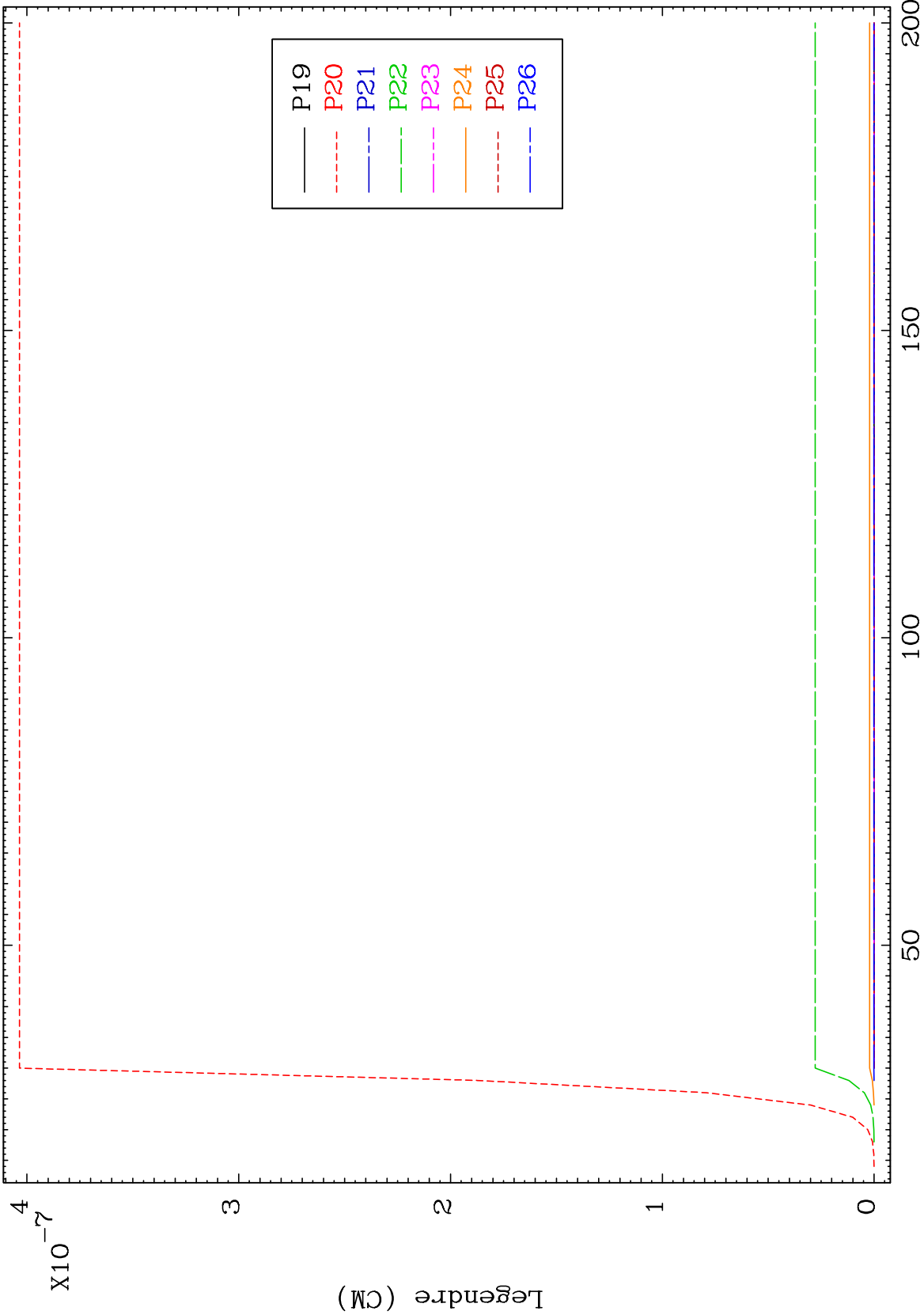




MAT 5328

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

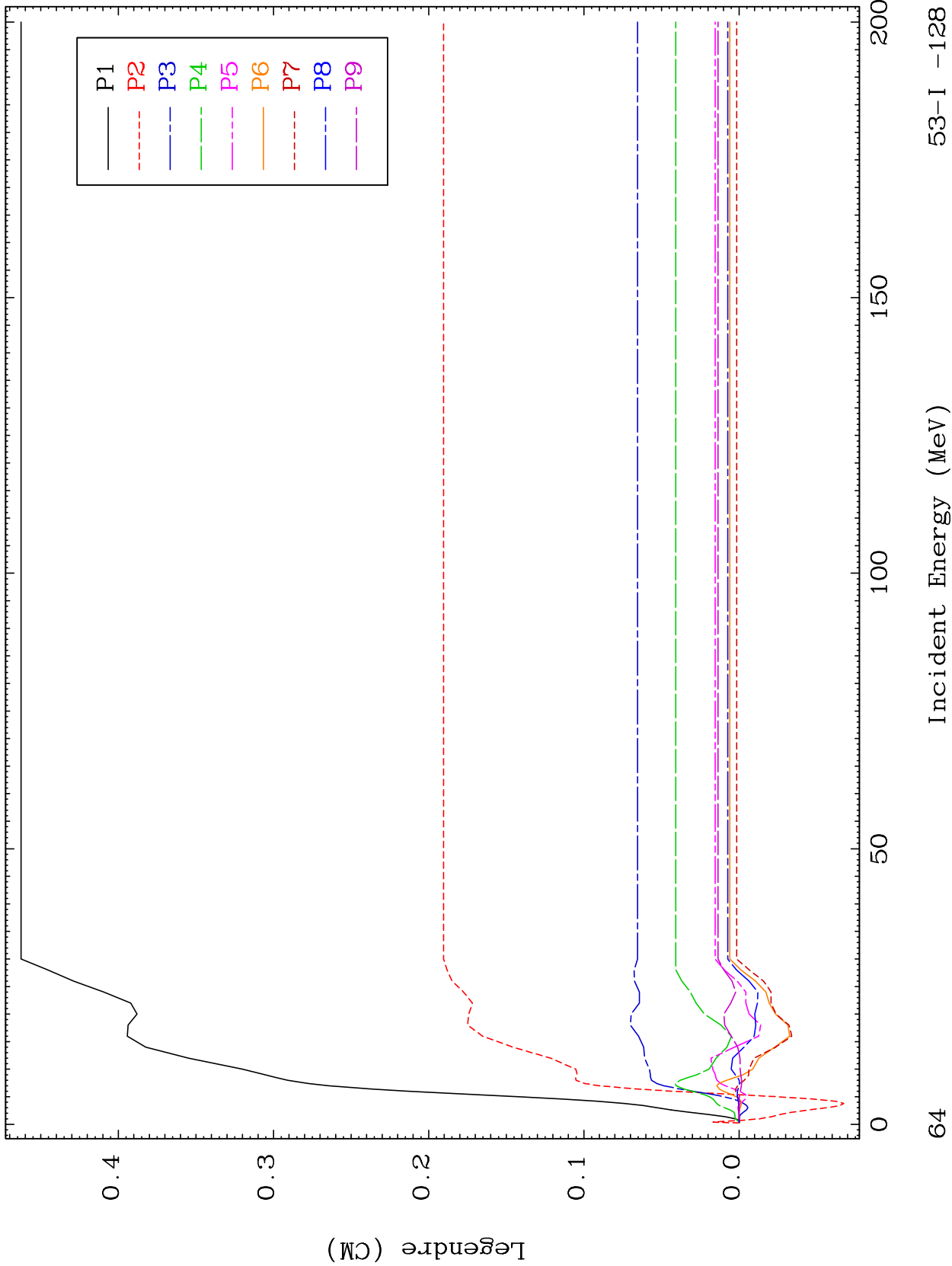
53-I -128



63

Incident Energy (MeV)

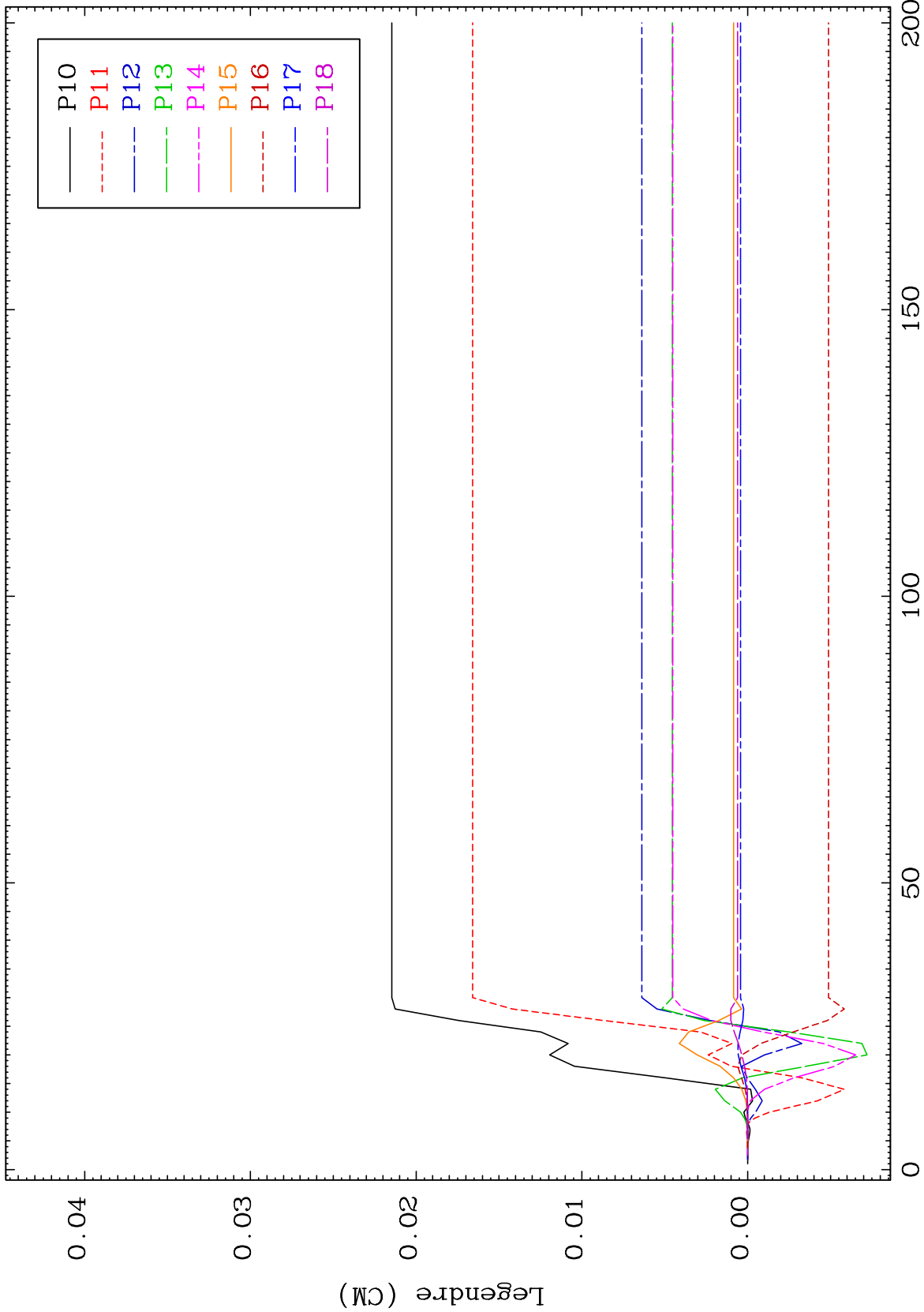
53-I -128



MAT 5328

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

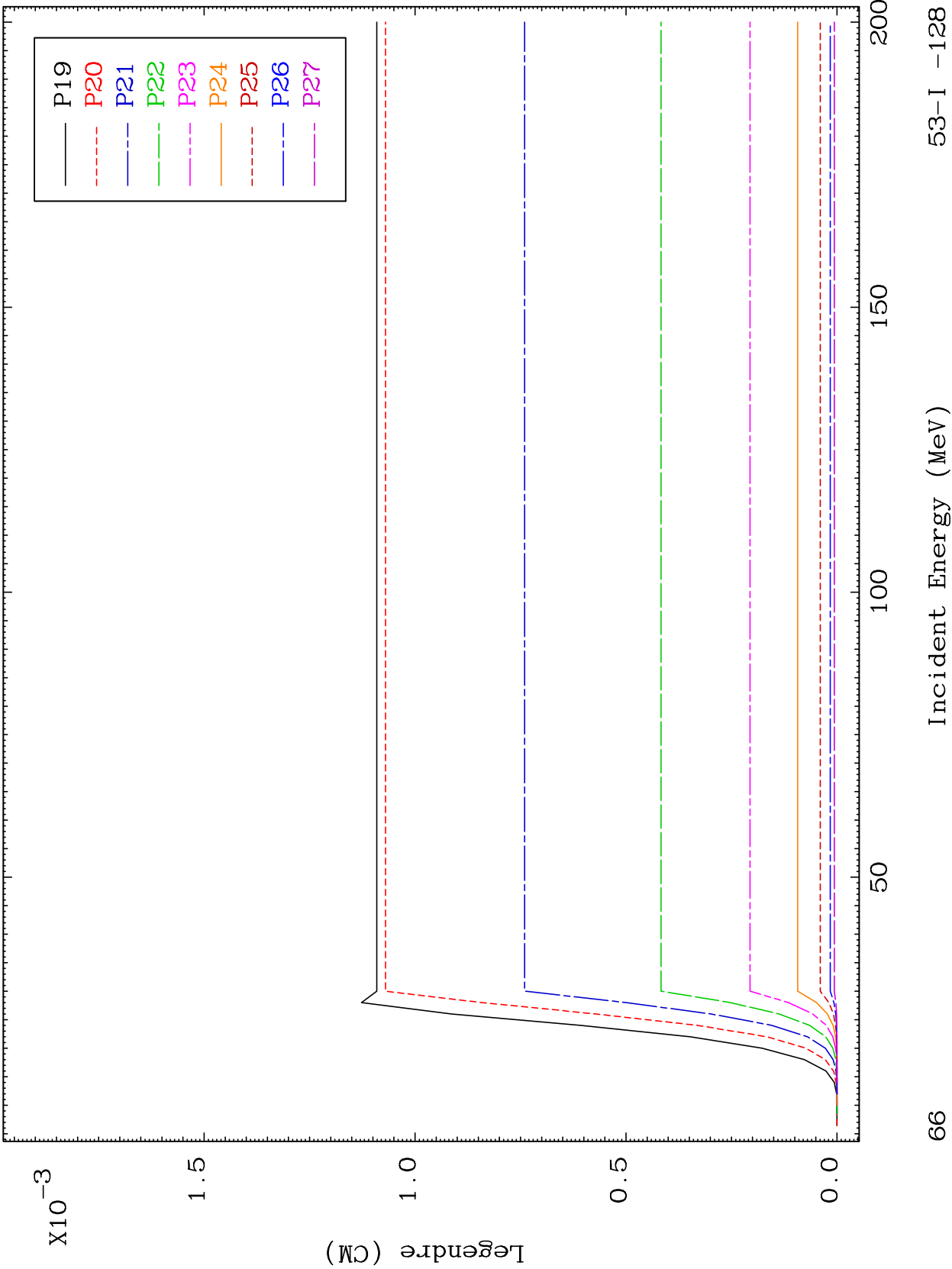
53-I -128

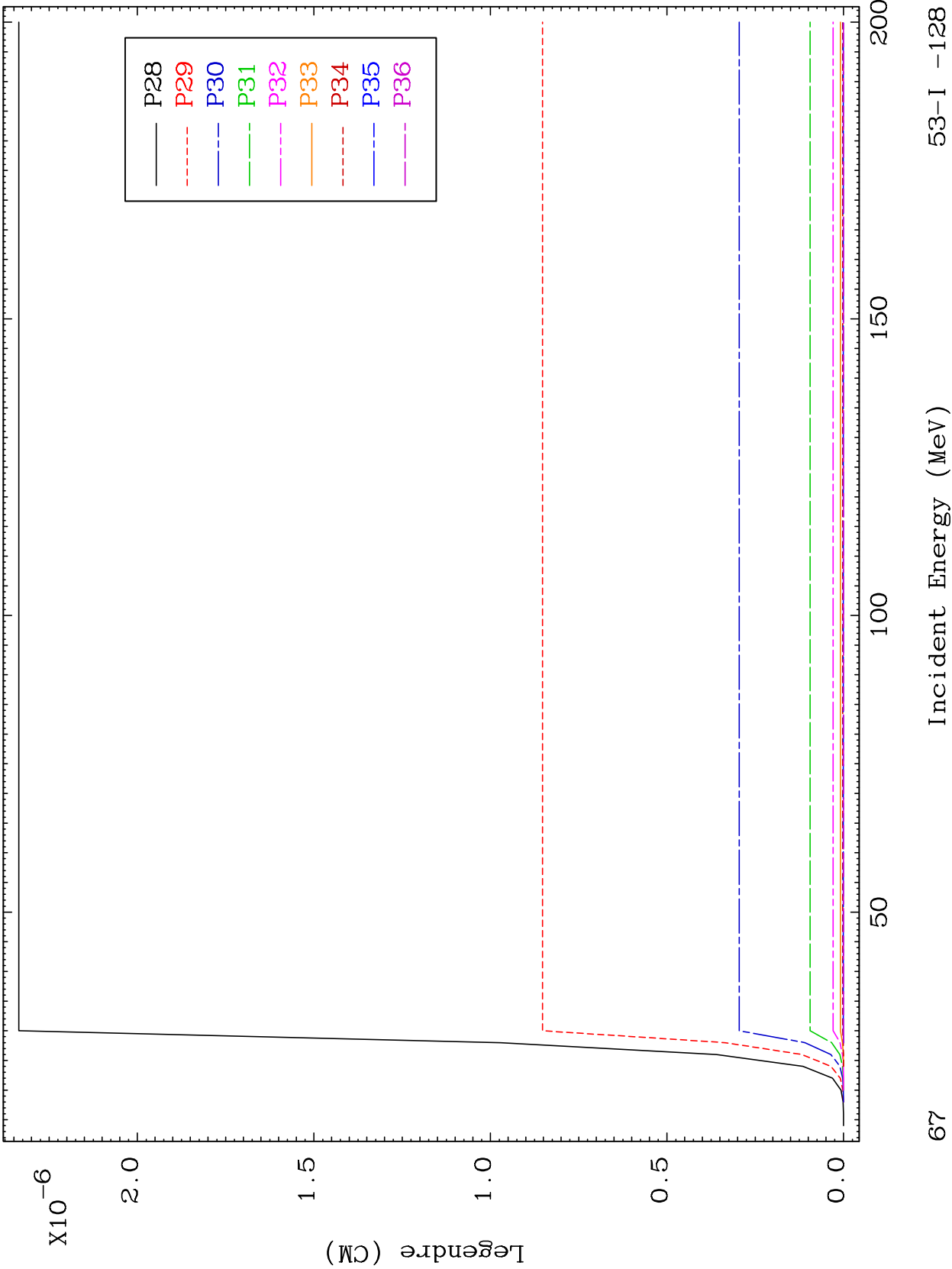


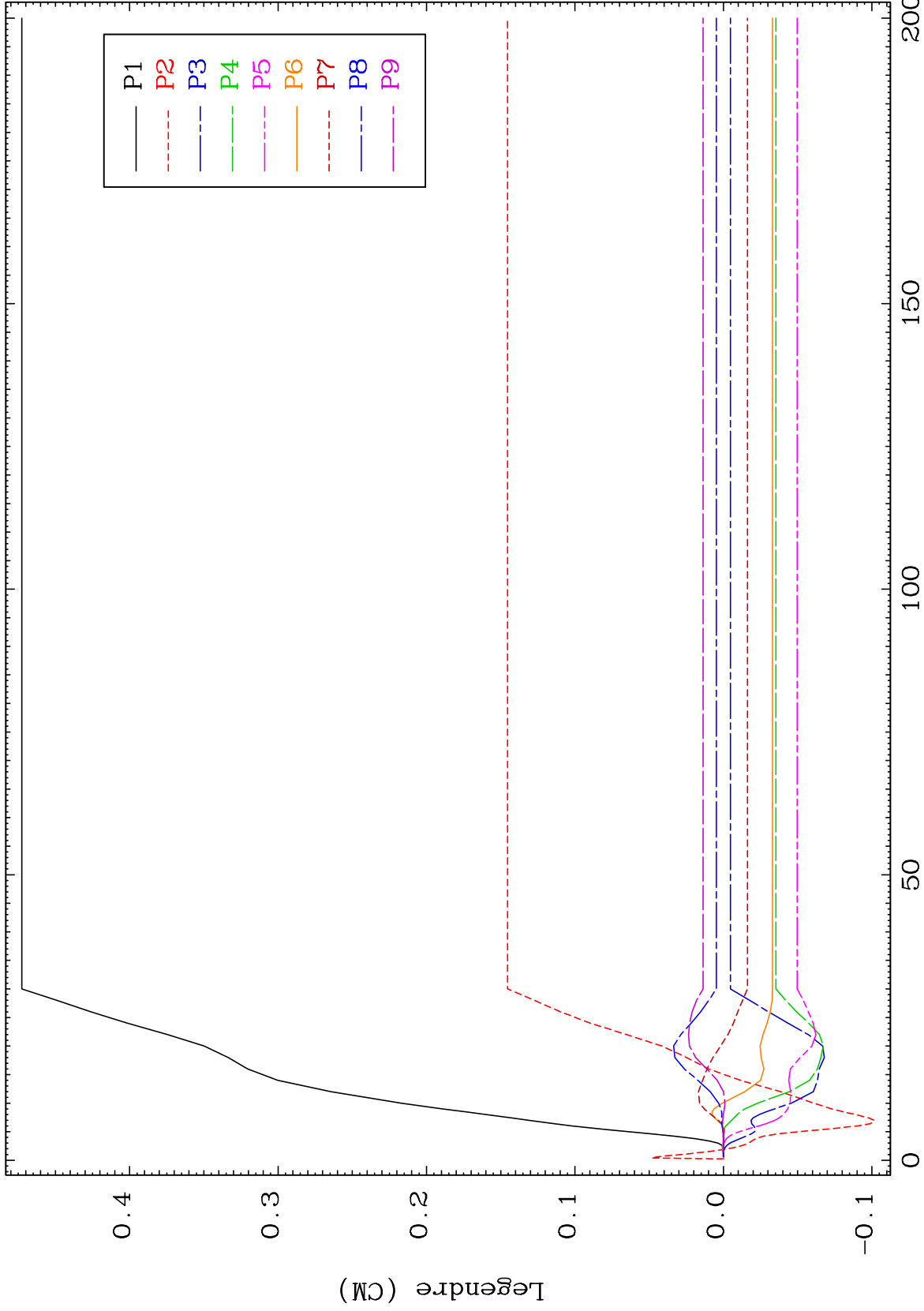
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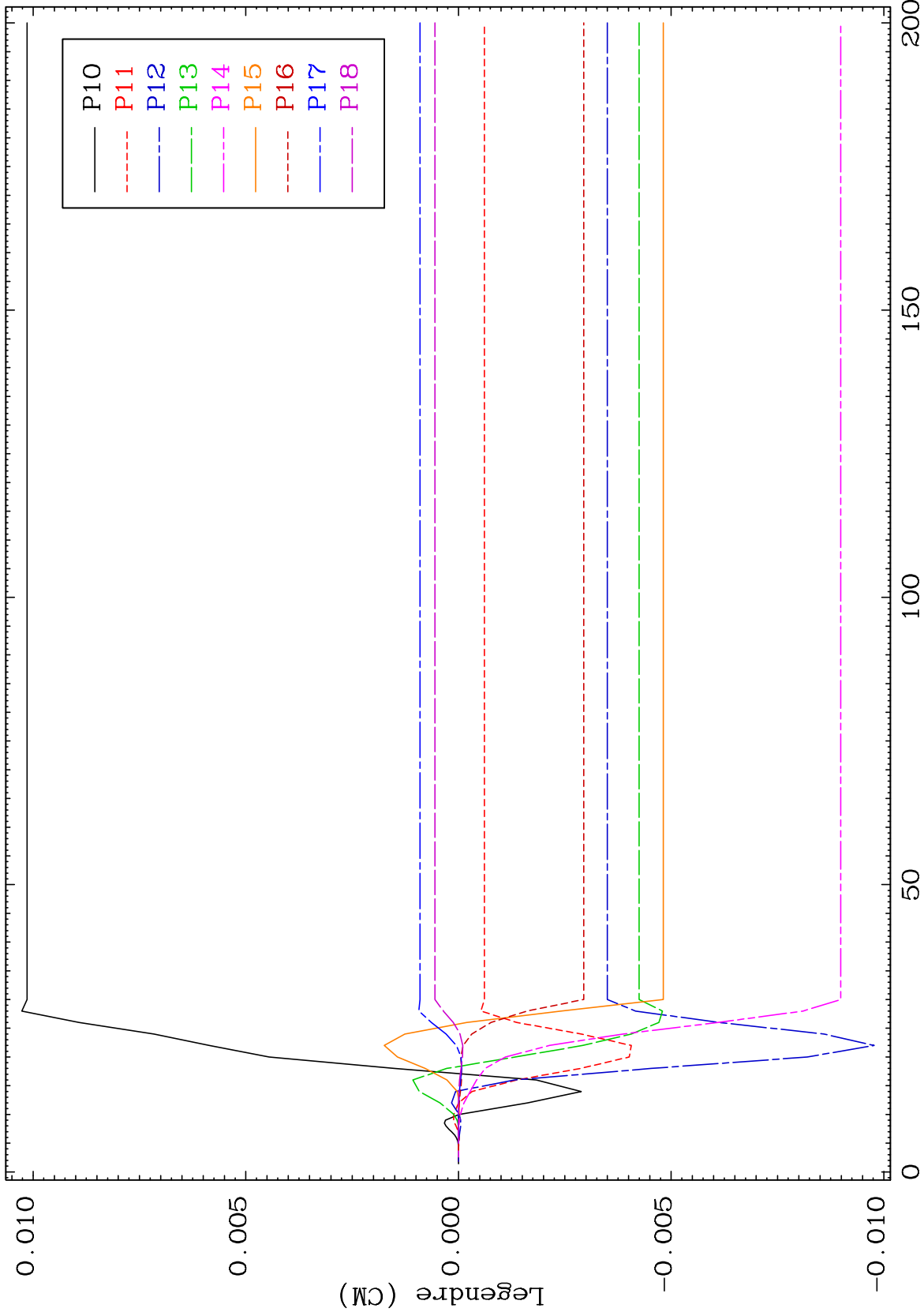
Incident Energy (MeV)

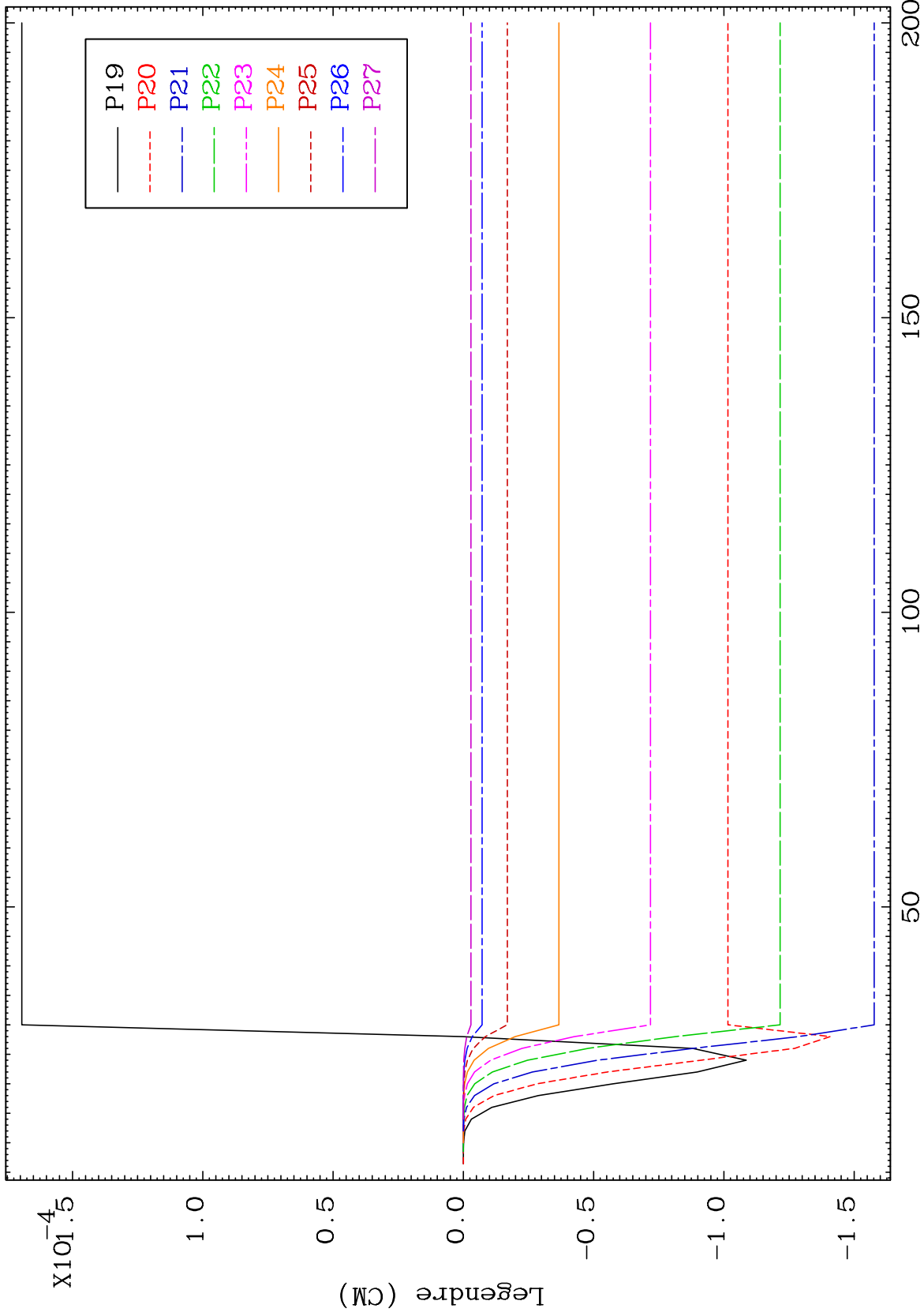
53-I -128







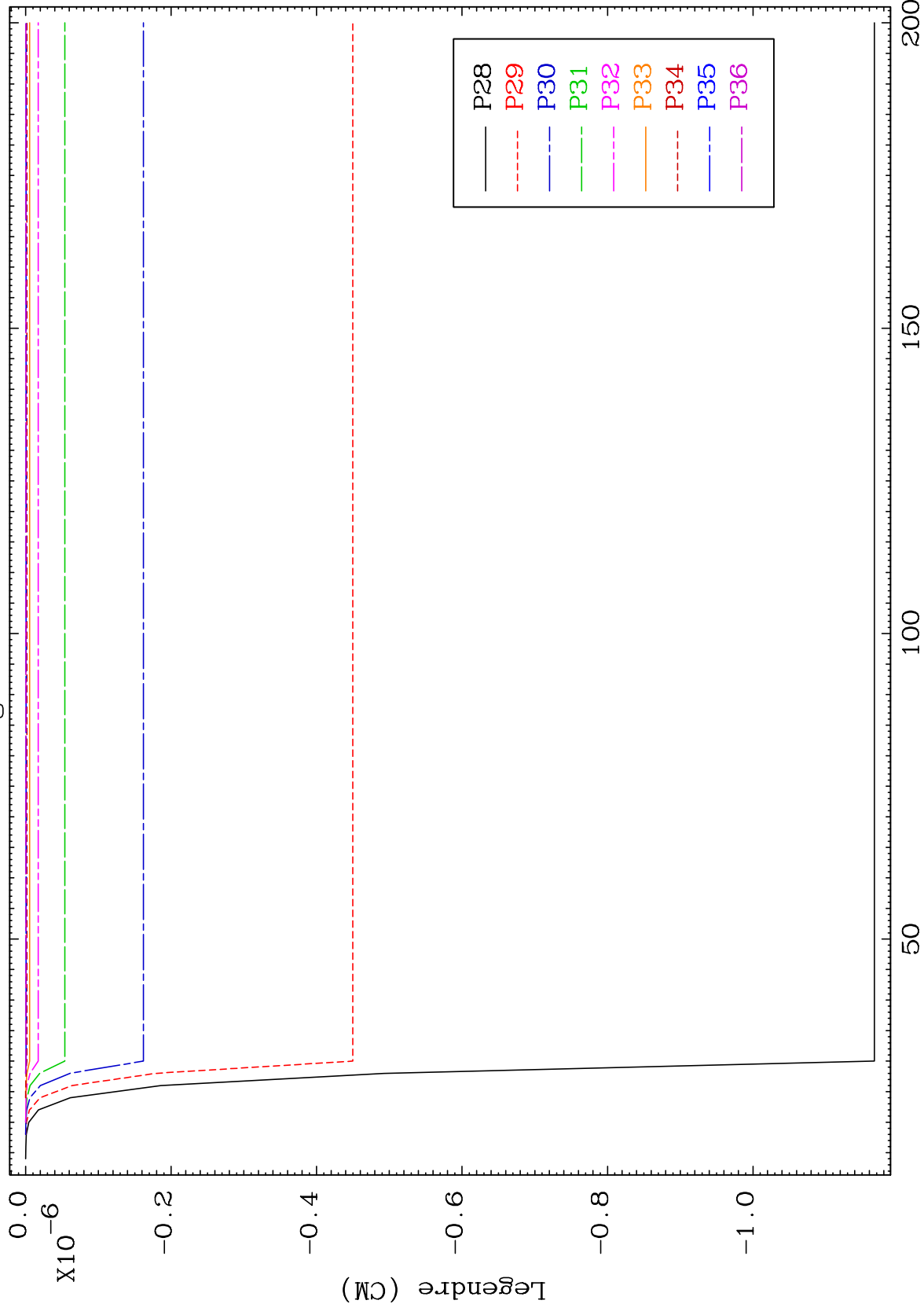




MAT 5328

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

53-I -128



71

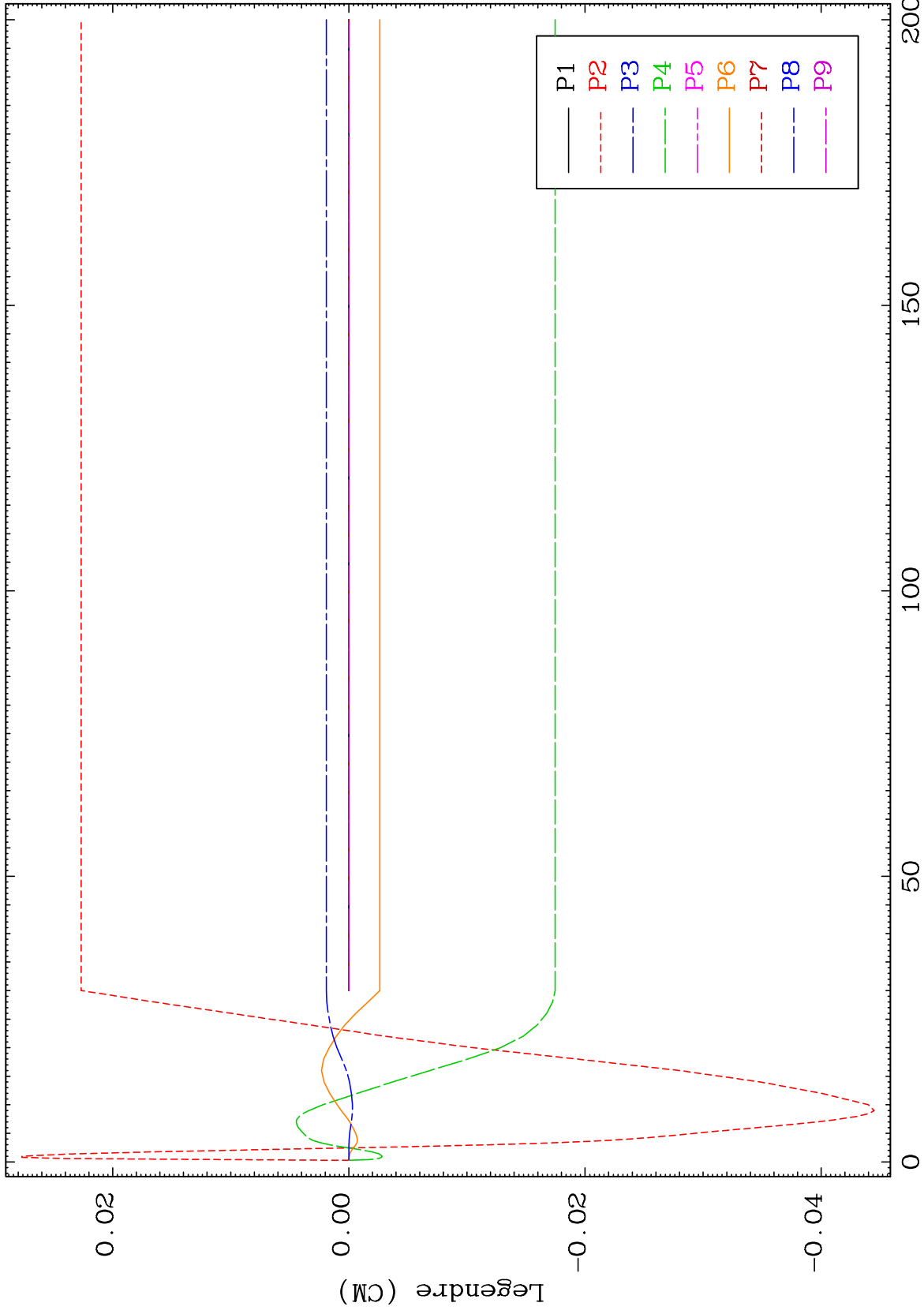
Incident Energy (MeV)

53-I -128

MAT 5328

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

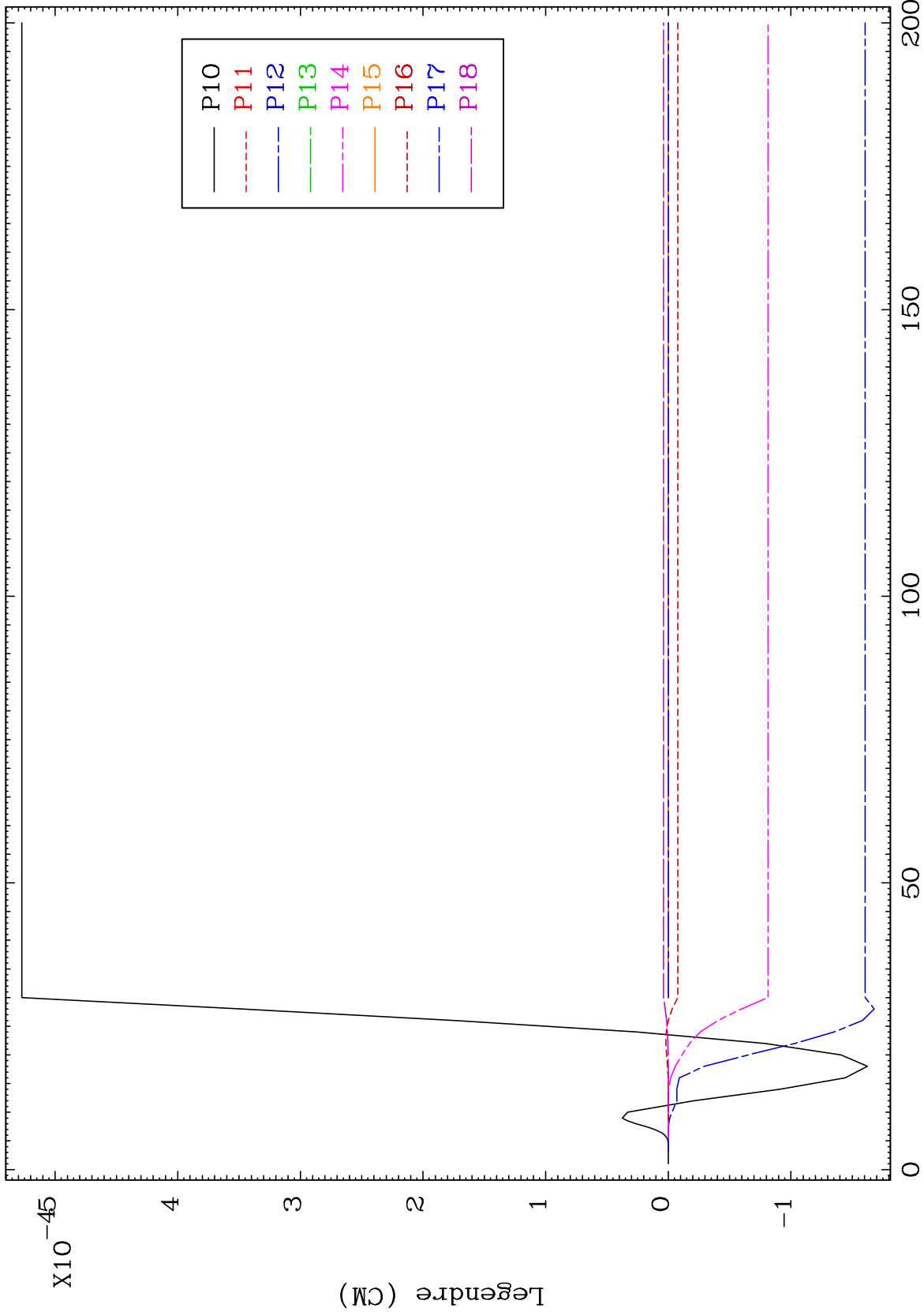
53-I -128



72

Incident Energy (MeV)

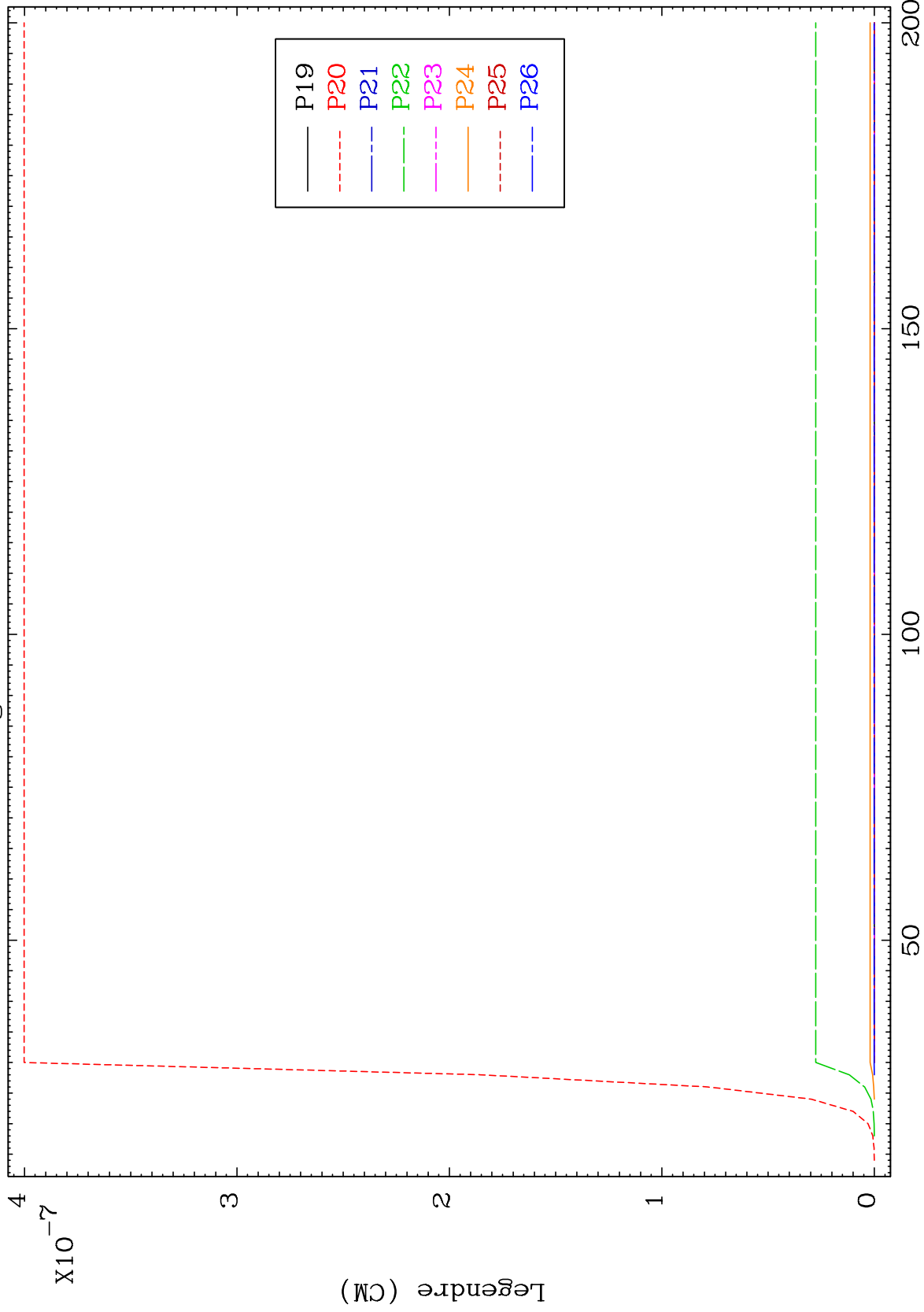
53-I -128



MAT 5328

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

53-I -128



74

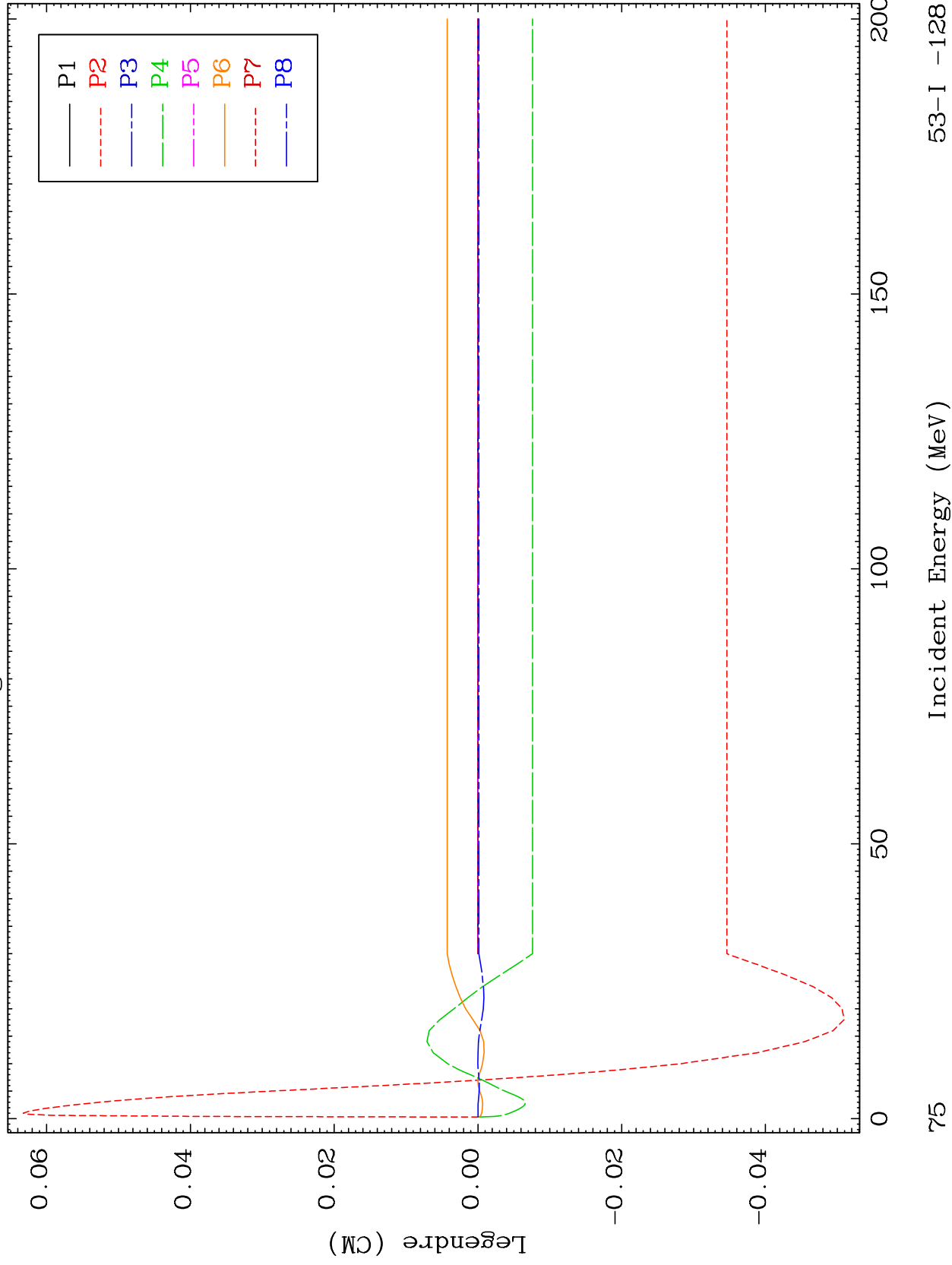
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



53-I -128

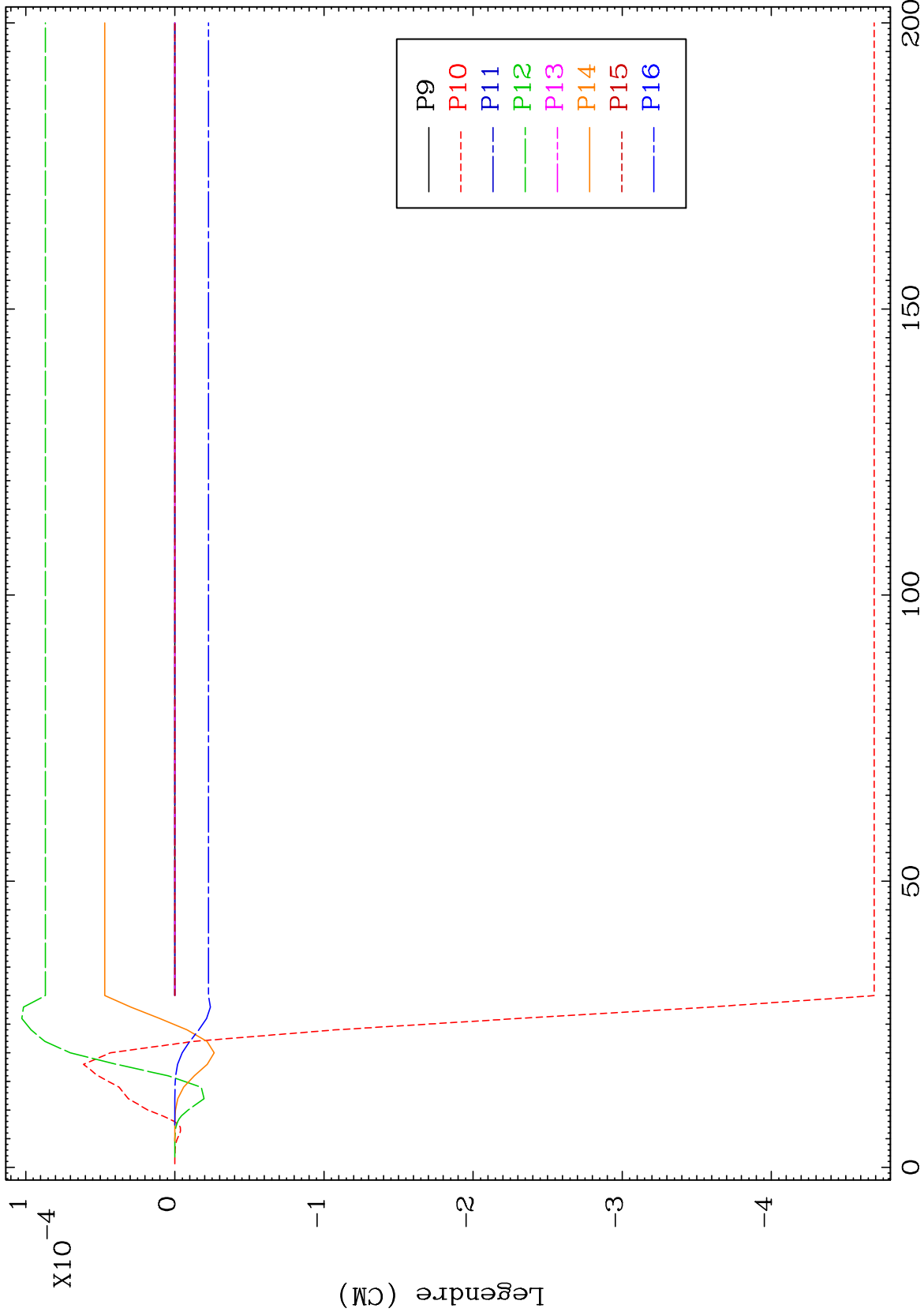
Incident Energy (MeV)

75

MAT 5328

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

53-I -128



76

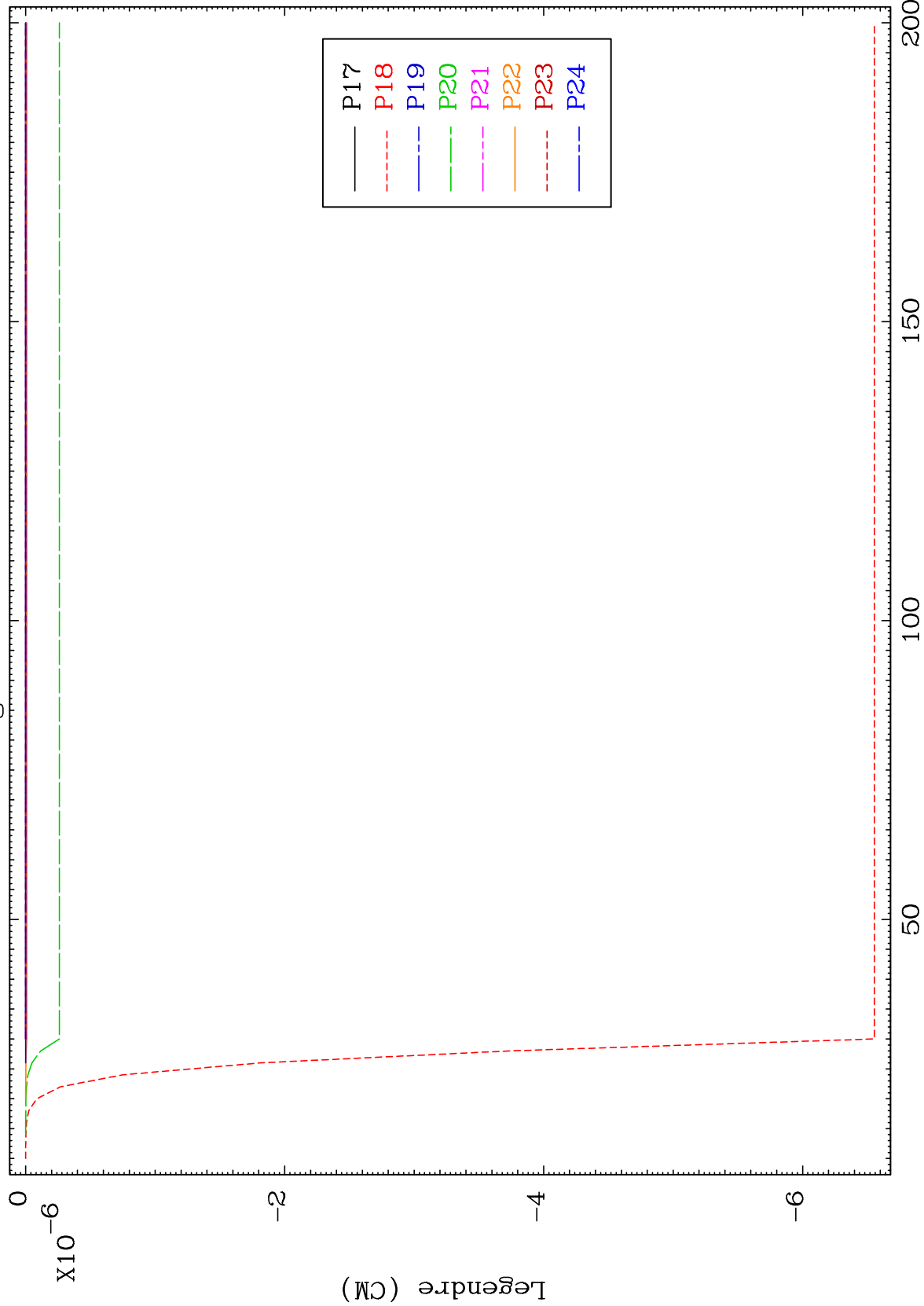
Incident Energy (MeV)

53-I -128

MAT 5328

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

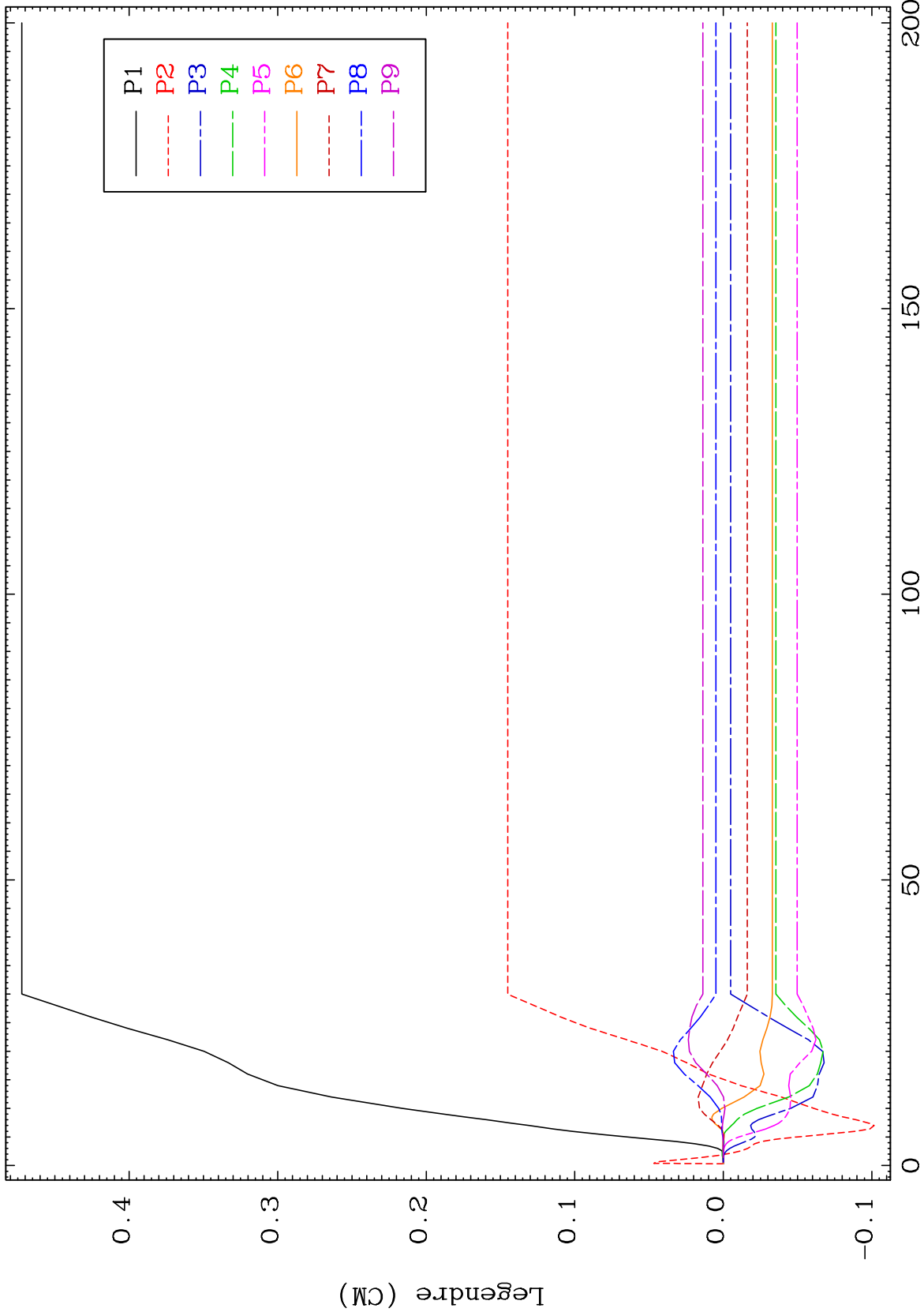
53-I -128

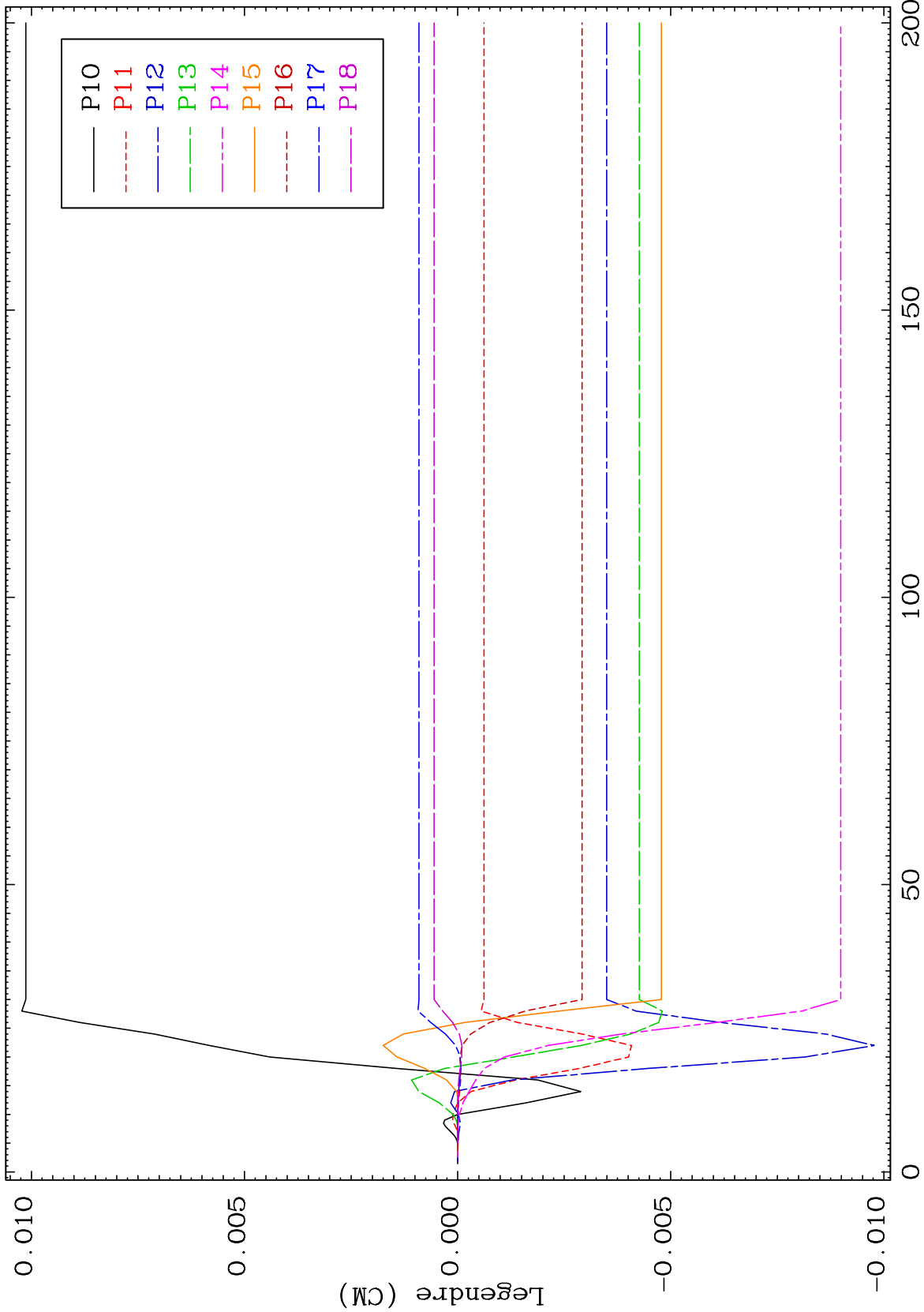


77

Incident Energy (MeV)

53-I -128

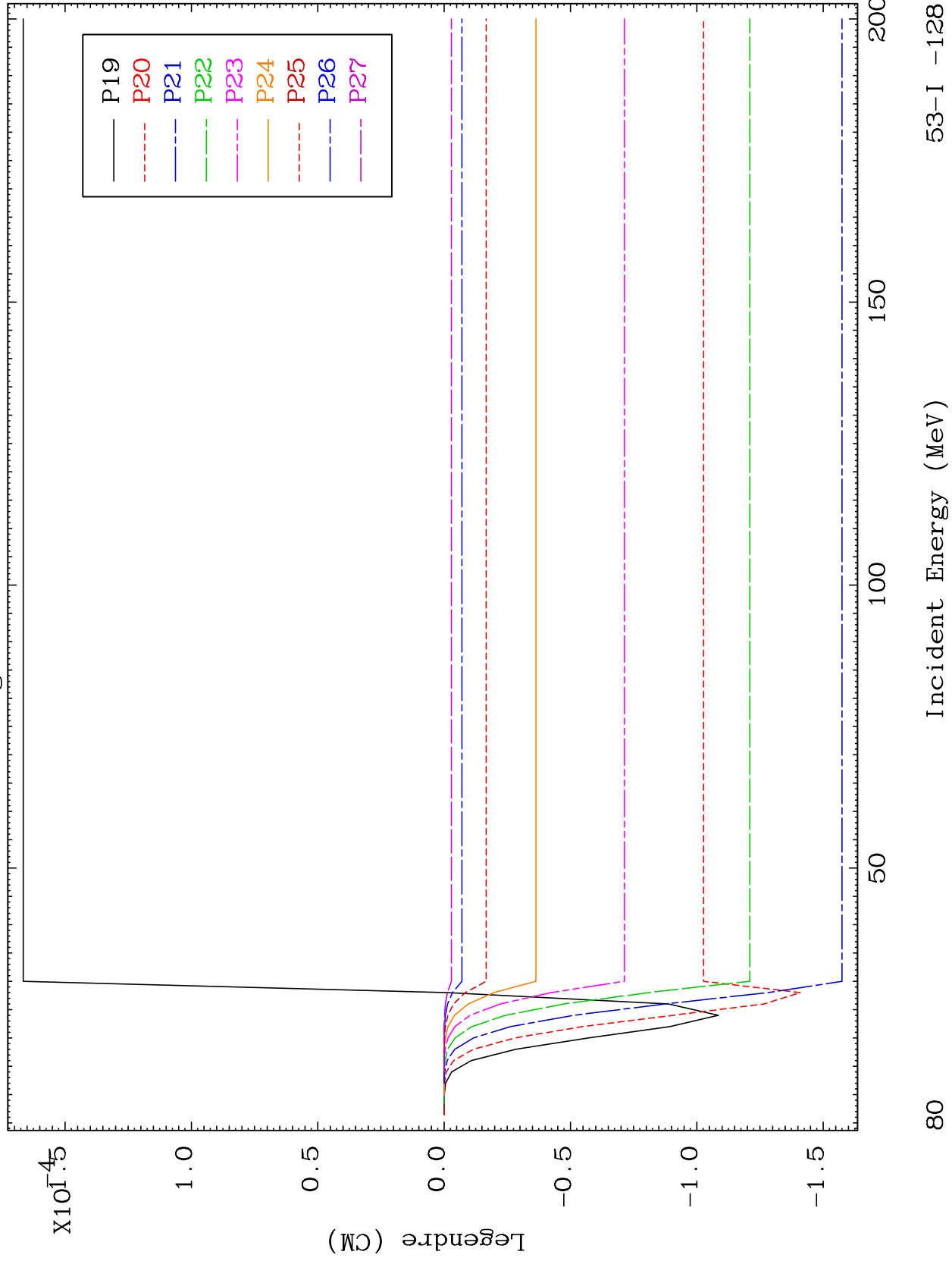




MAT 5328

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

53-I -128



80

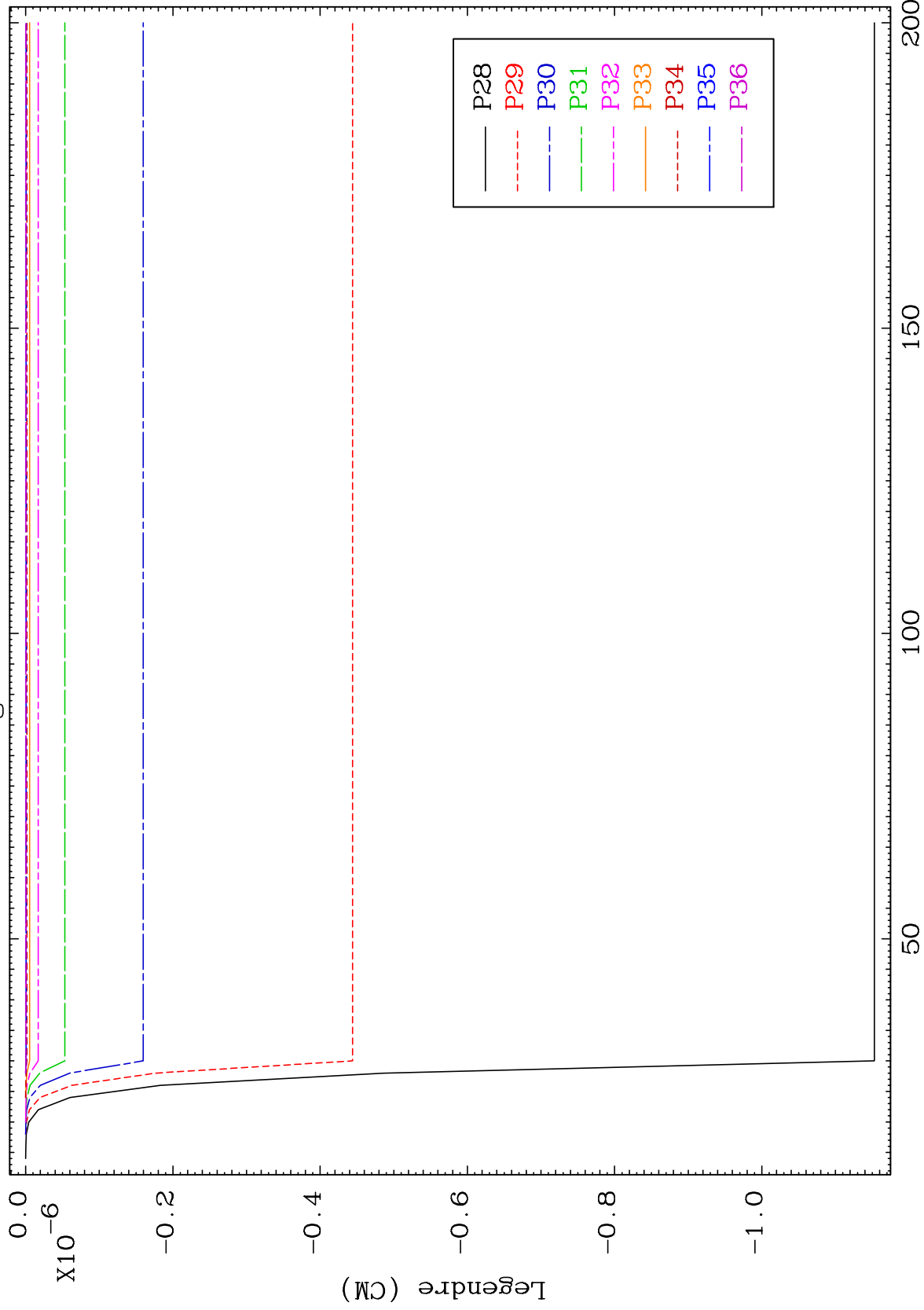
Incident Energy (MeV)

53-I -128

MAT 5328

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

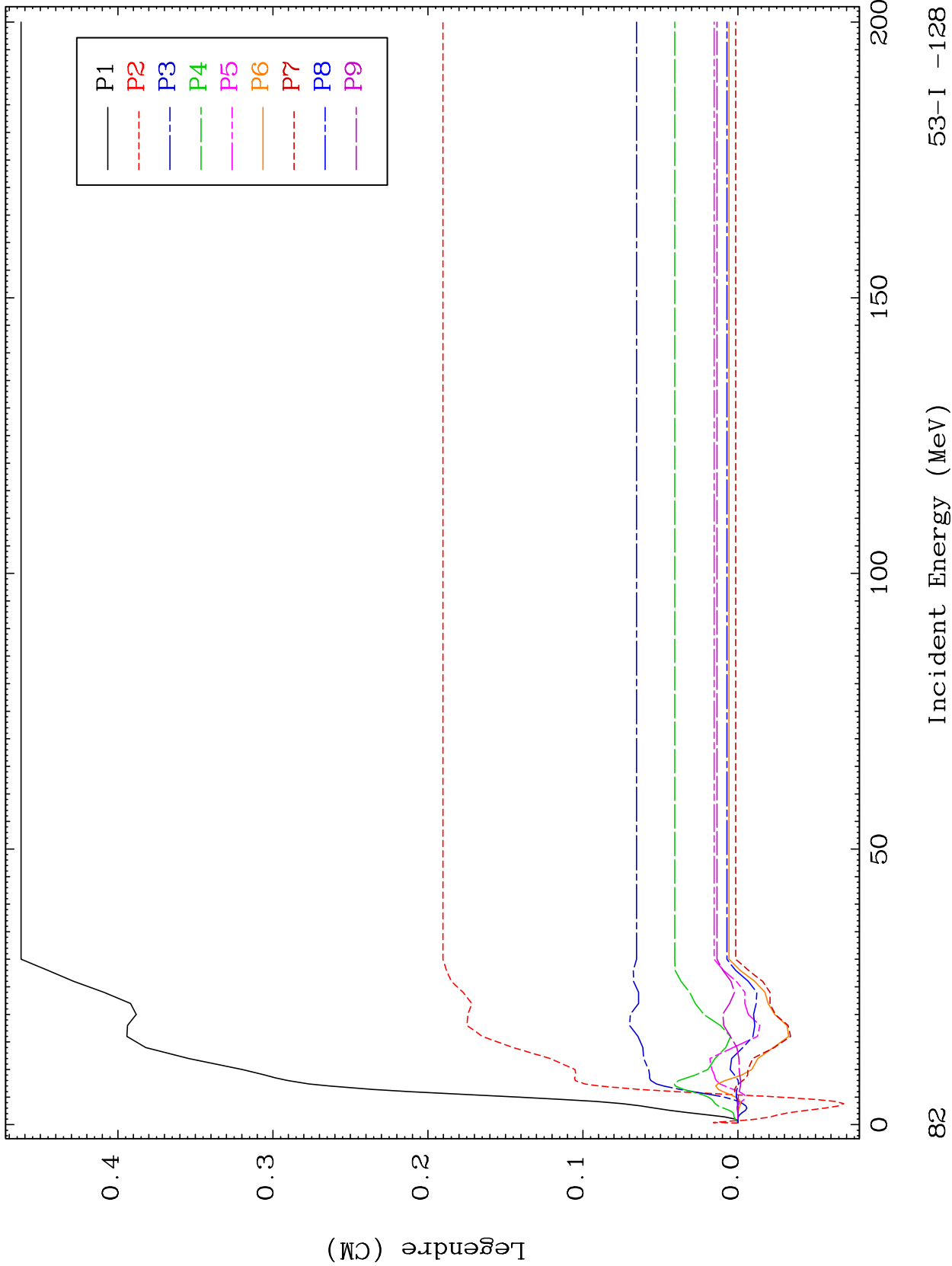
53-I -128

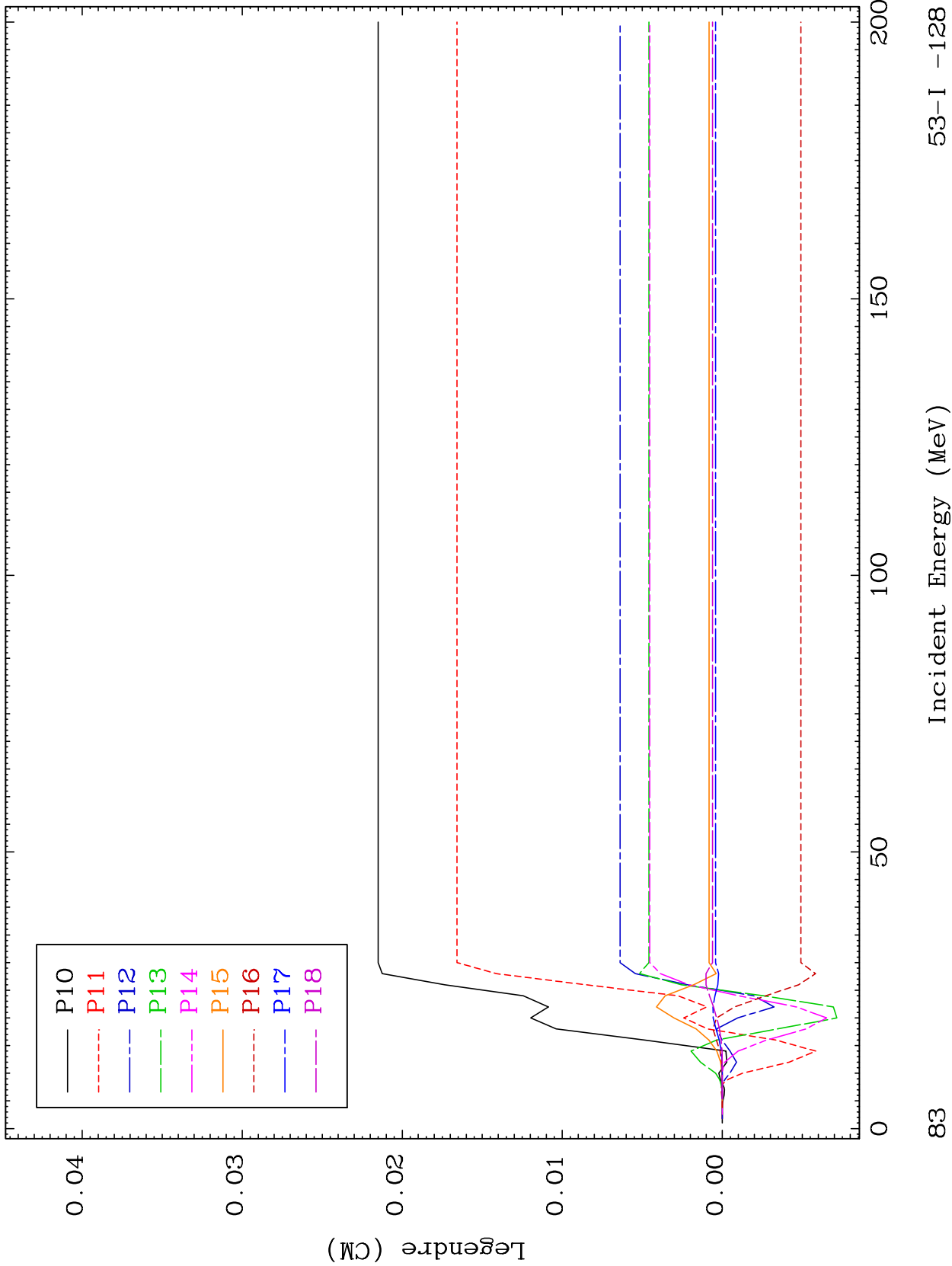


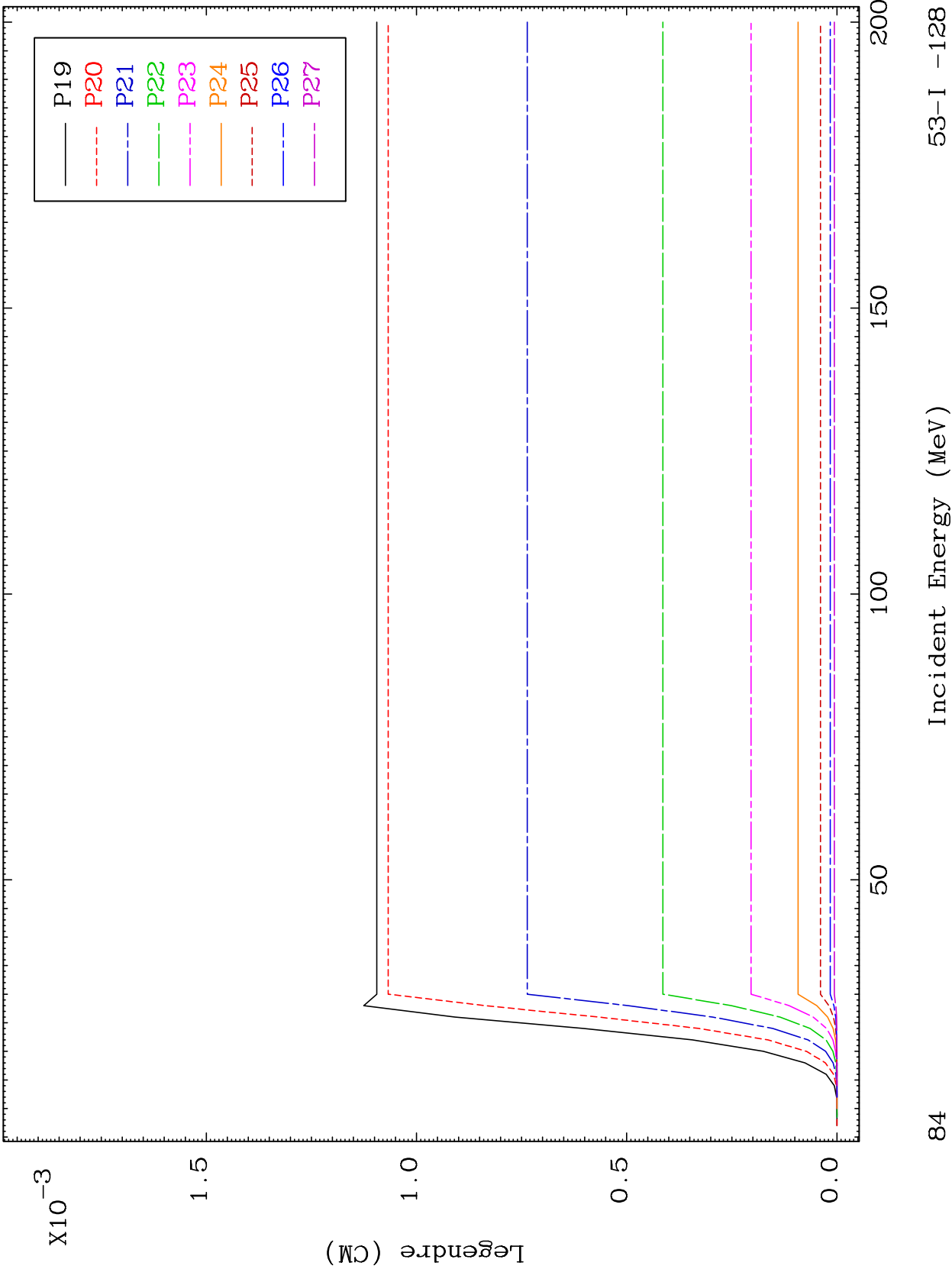
81

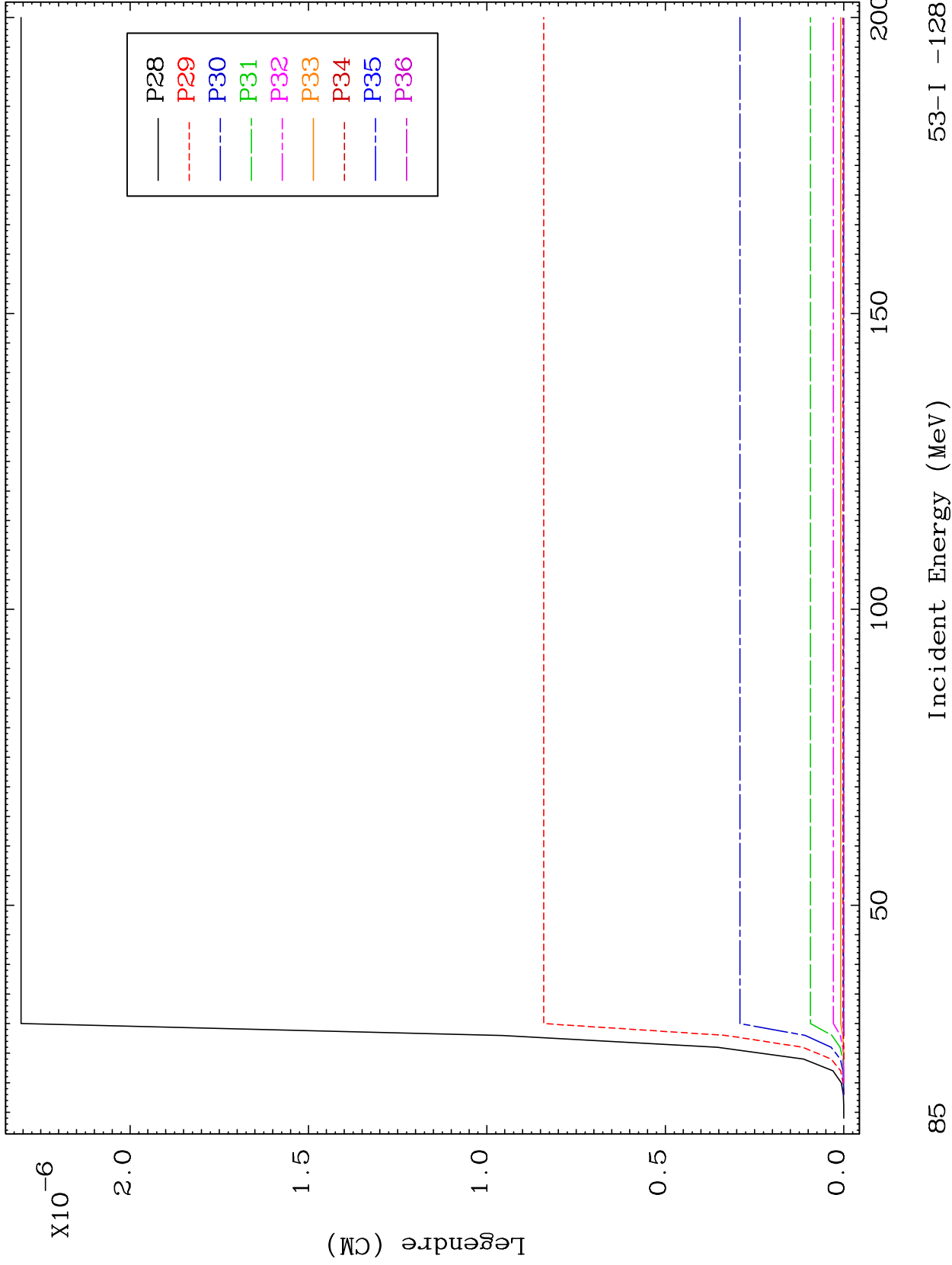
Incident Energy (MeV)

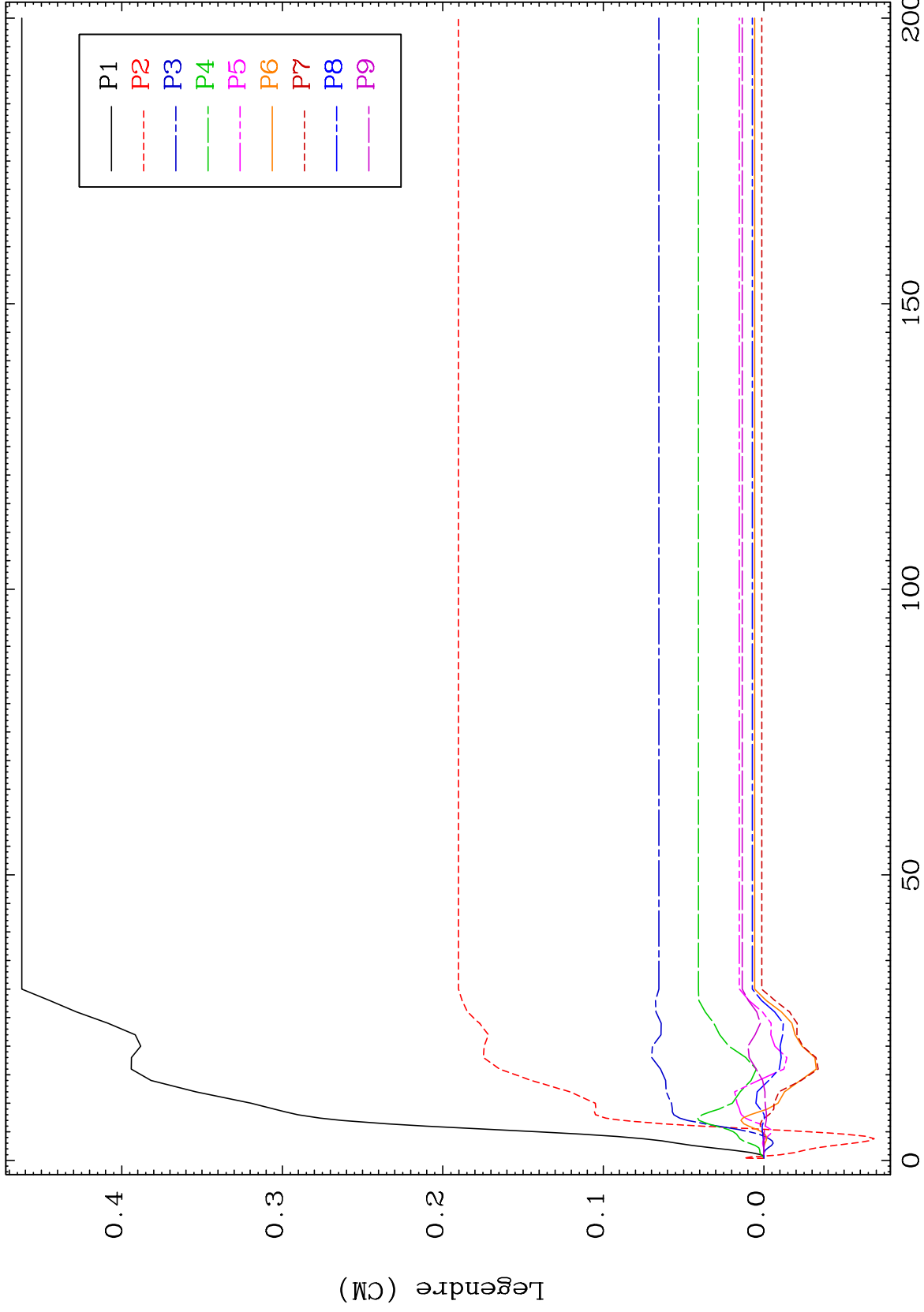
53-I -128

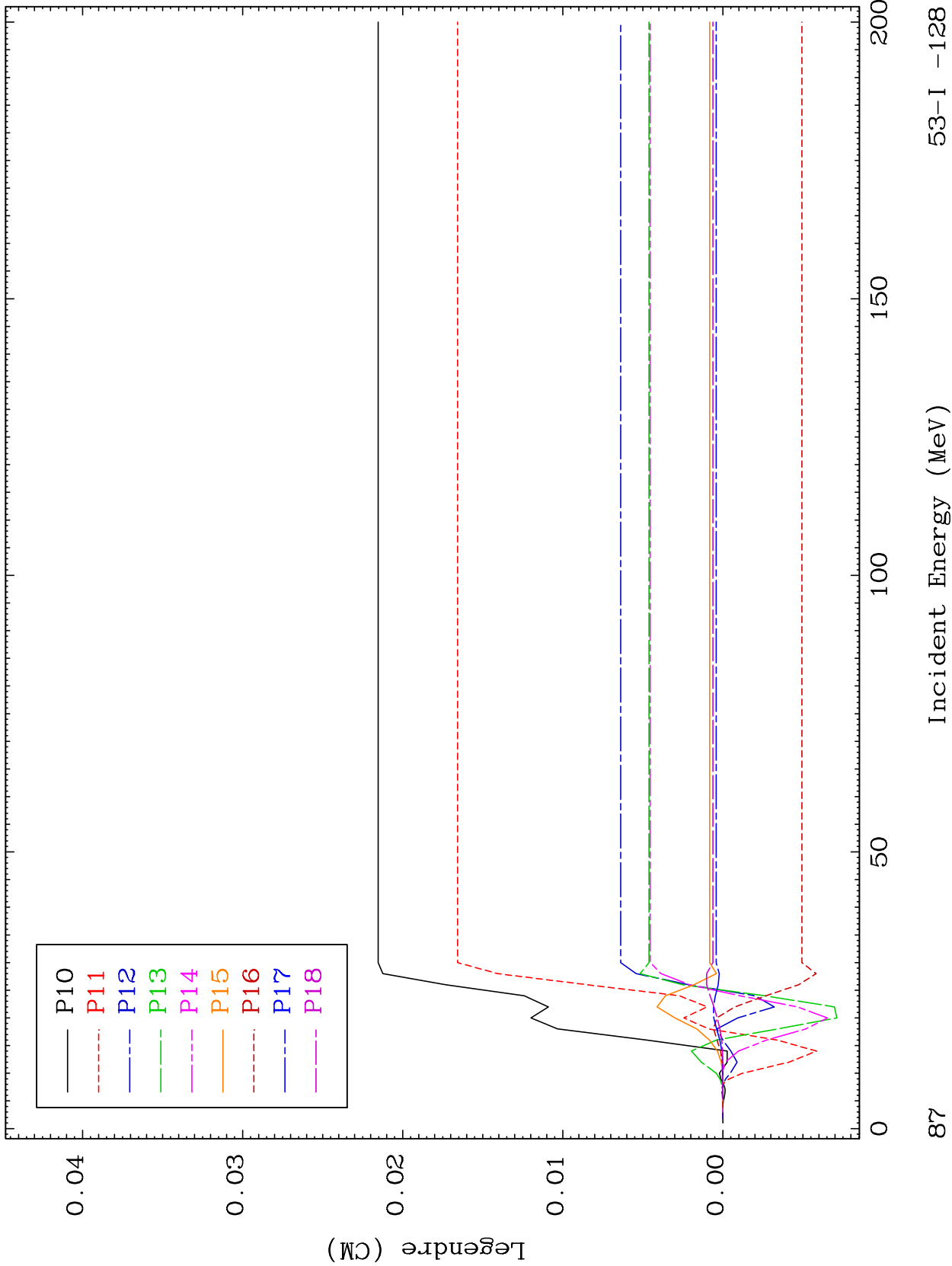


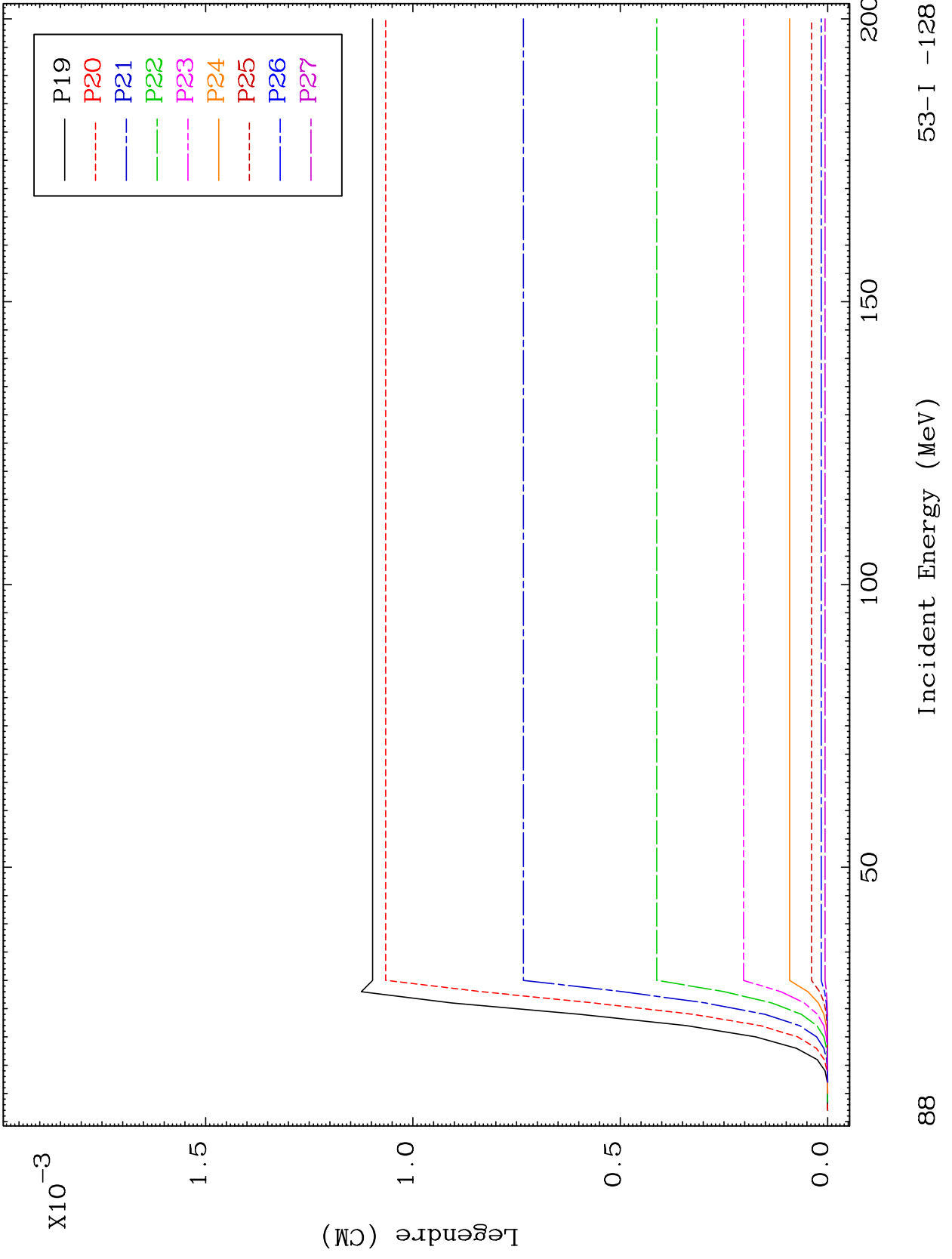


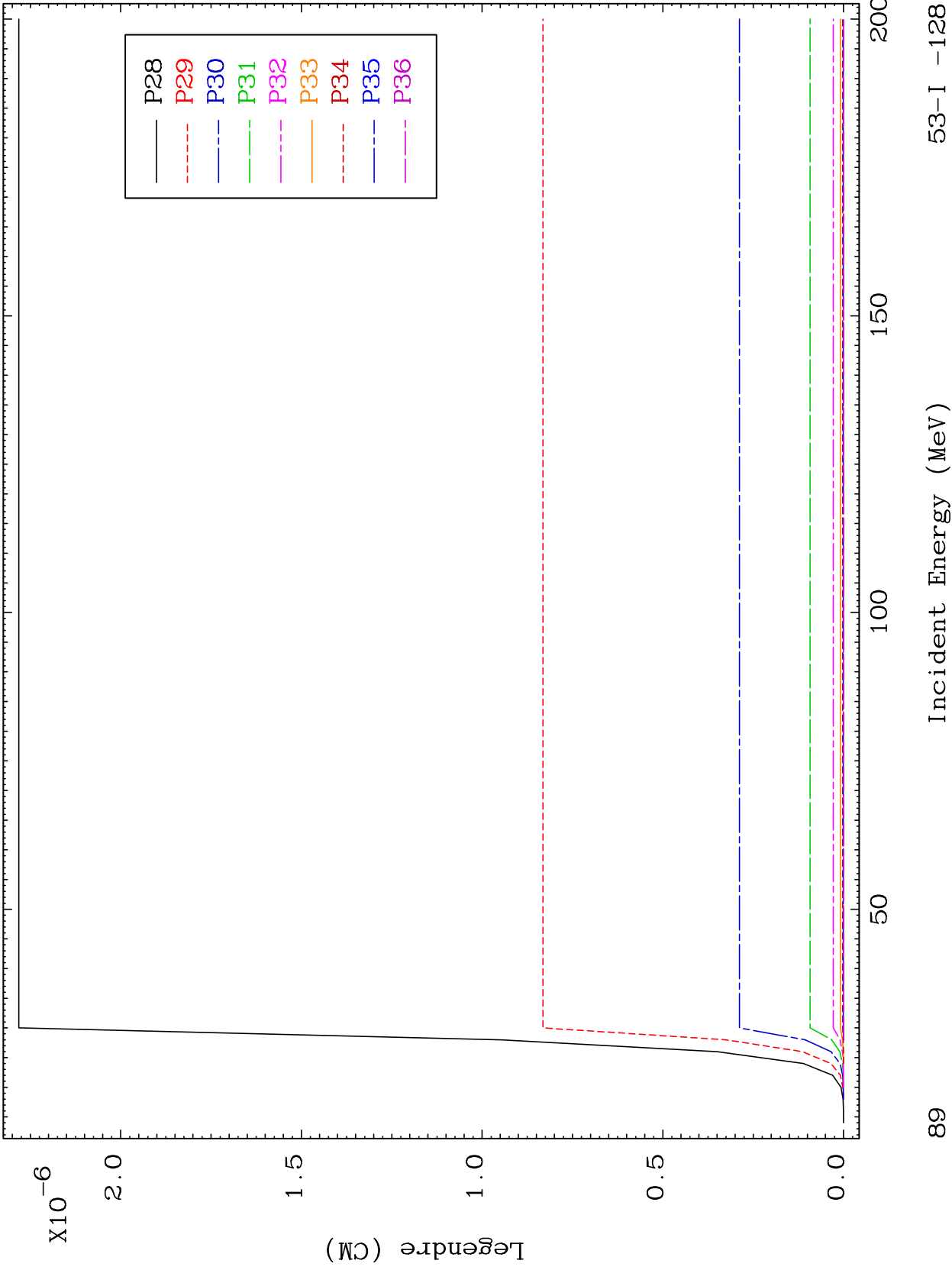








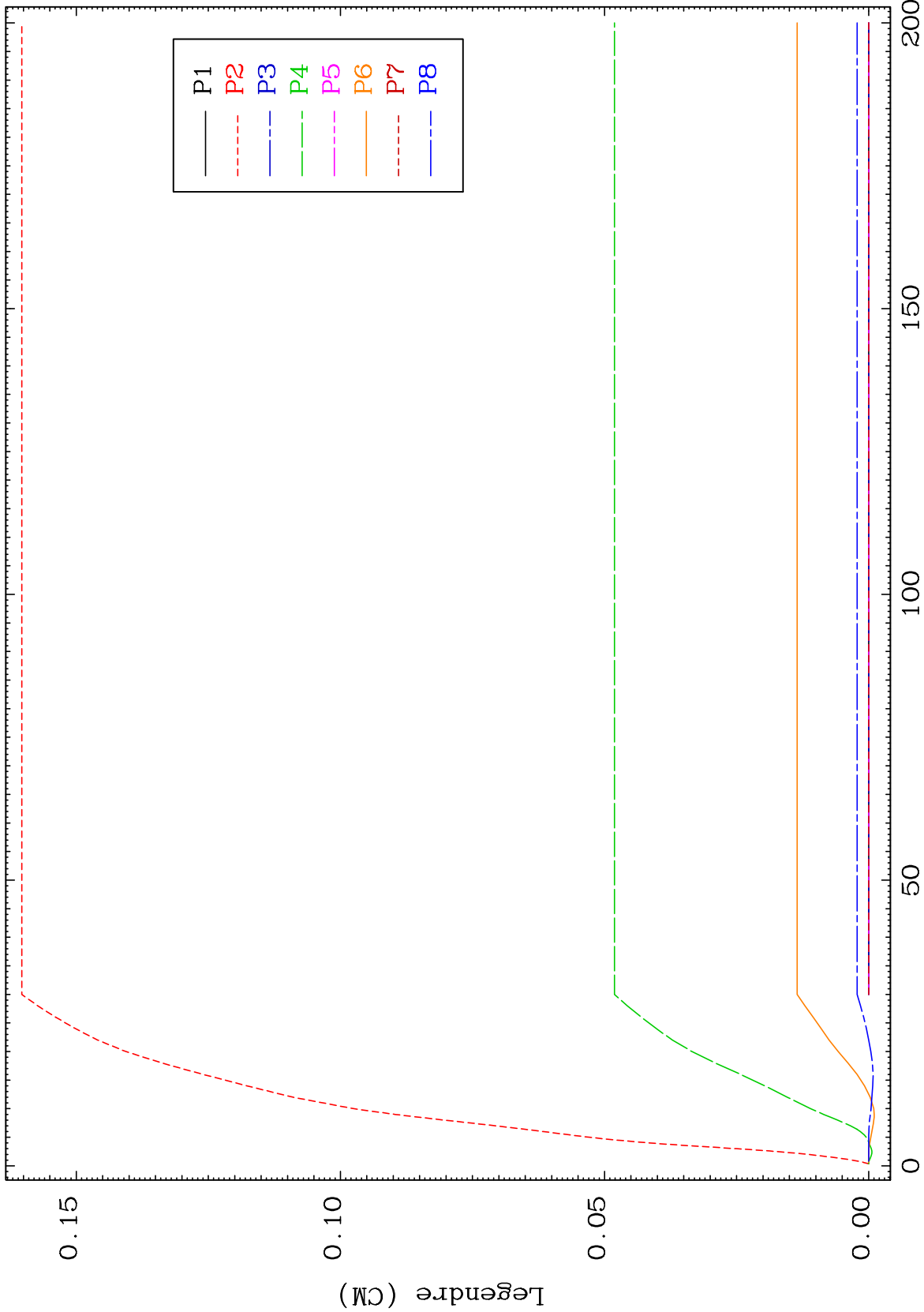




MAT 5328

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

53-I -128



53-I -128

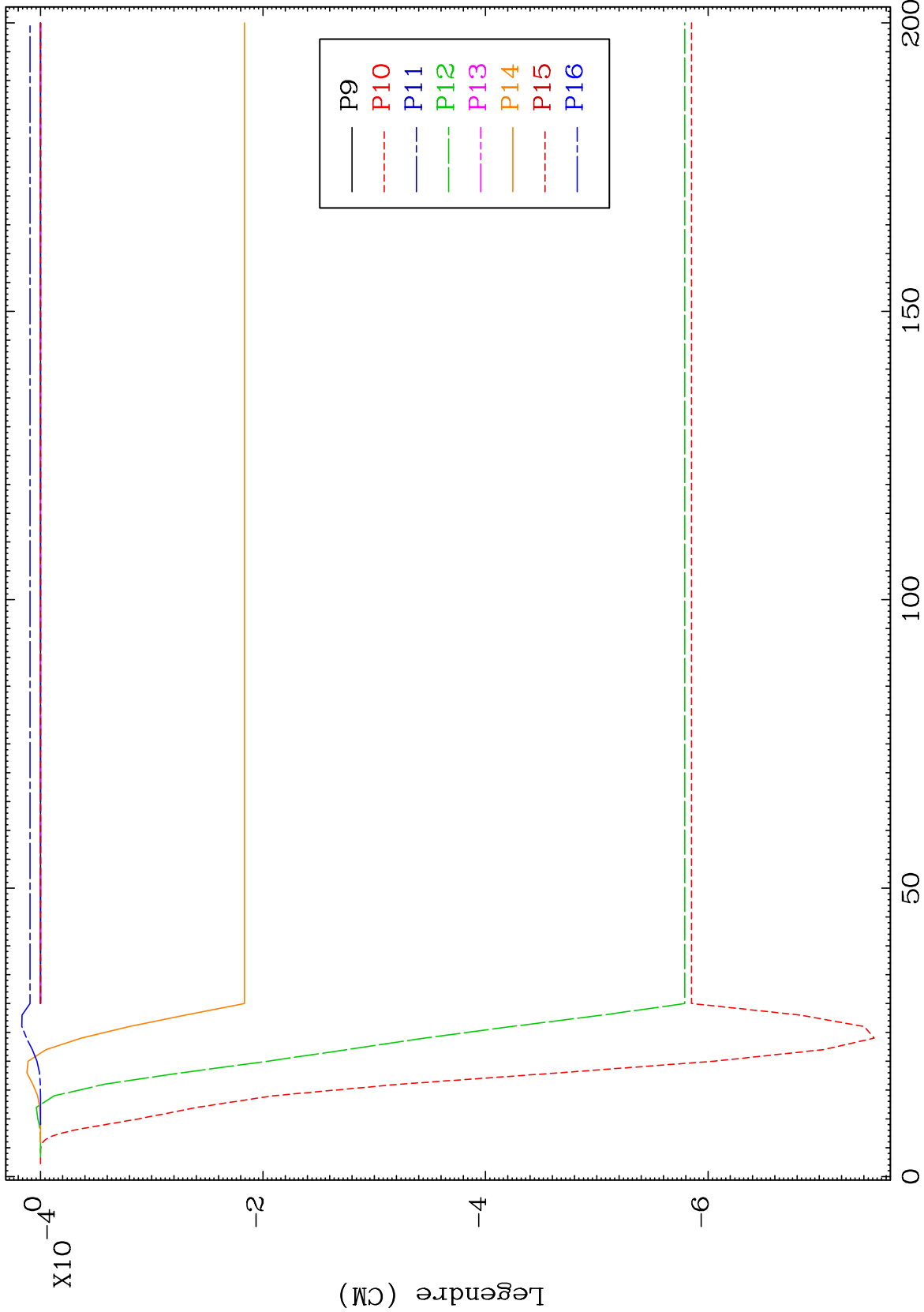
Incident Energy (MeV)

90

MAT 5328

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

53-I -128



91

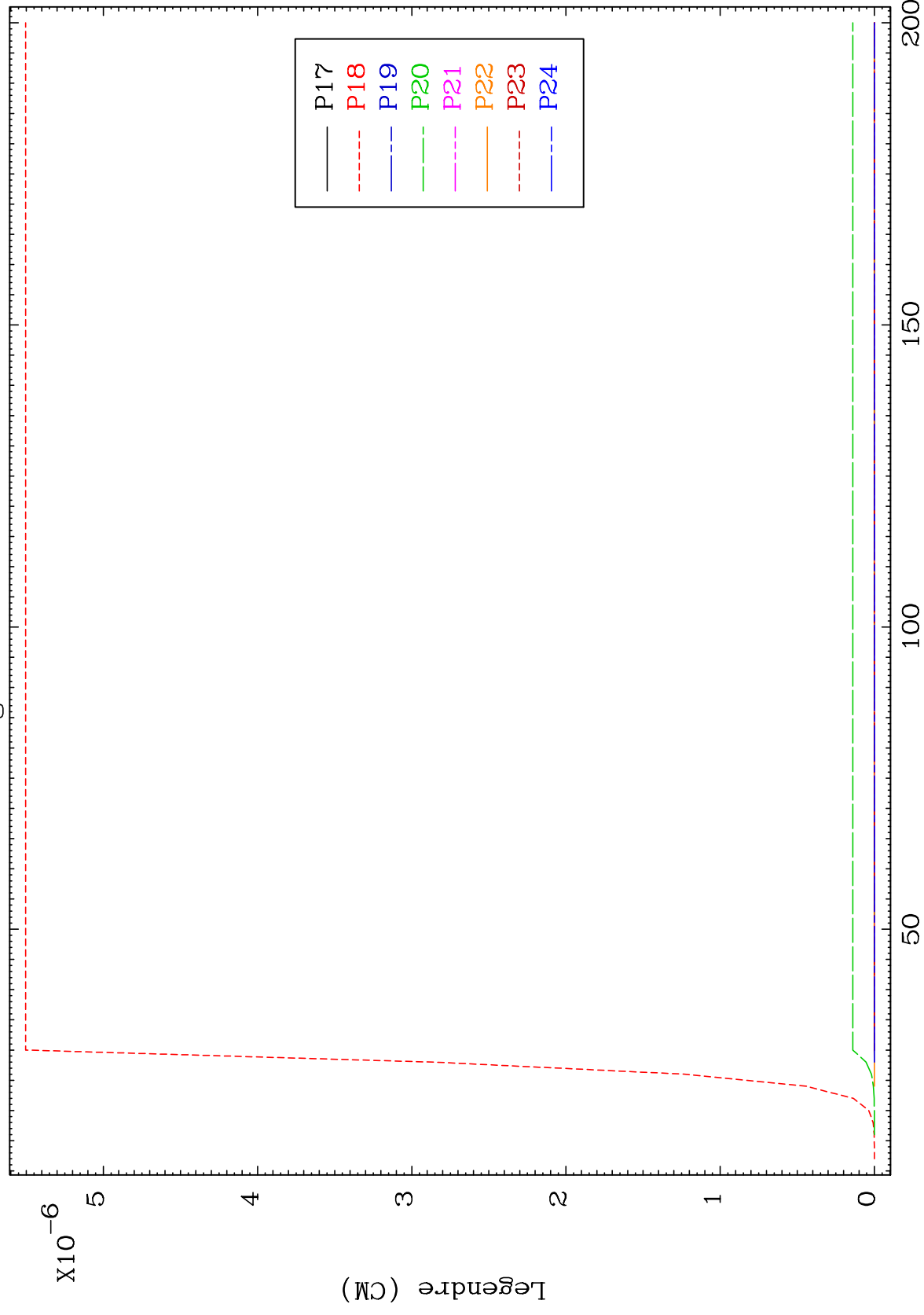
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



92

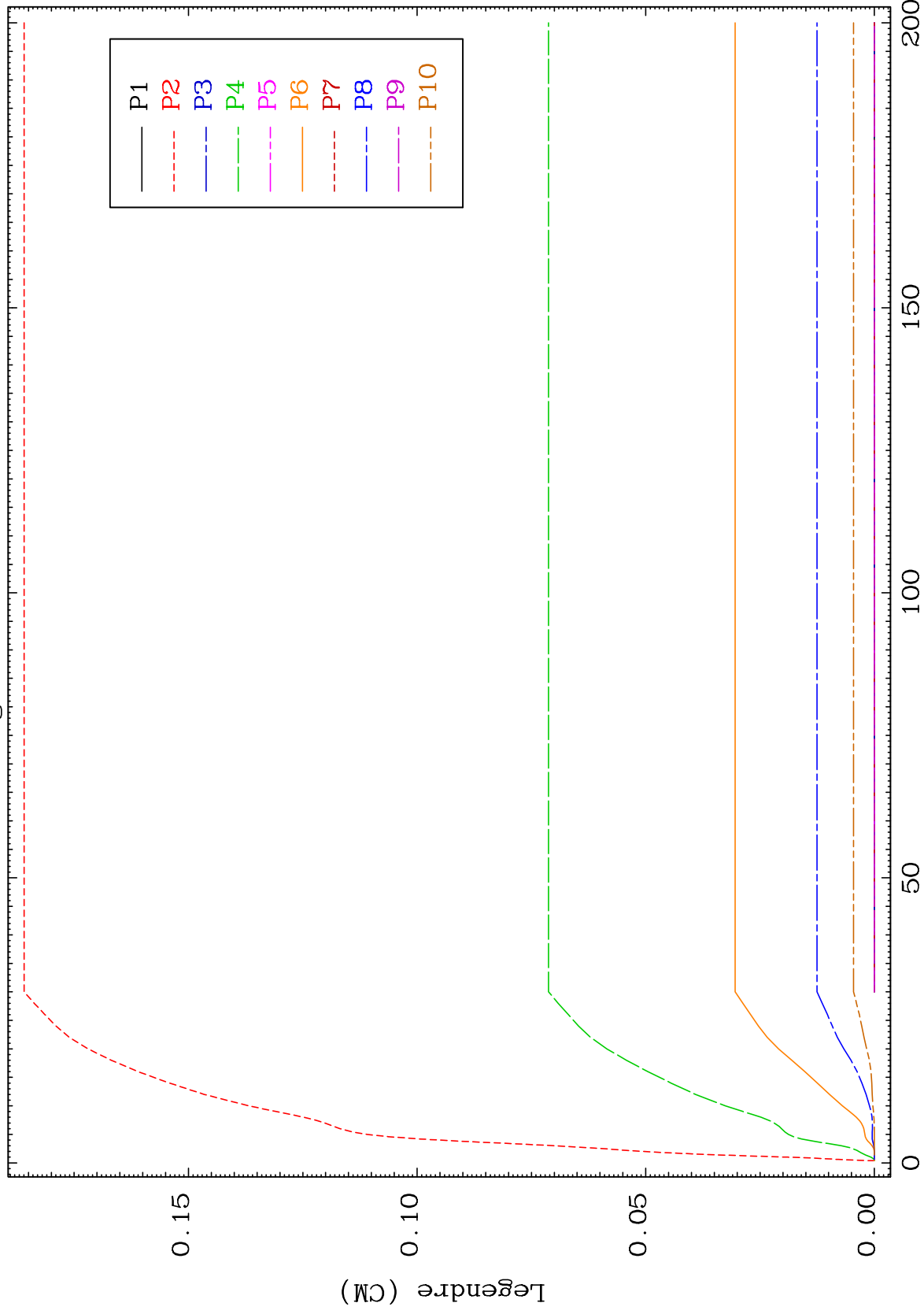
Incident Energy (MeV)

53-I -128

MAT 5328

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

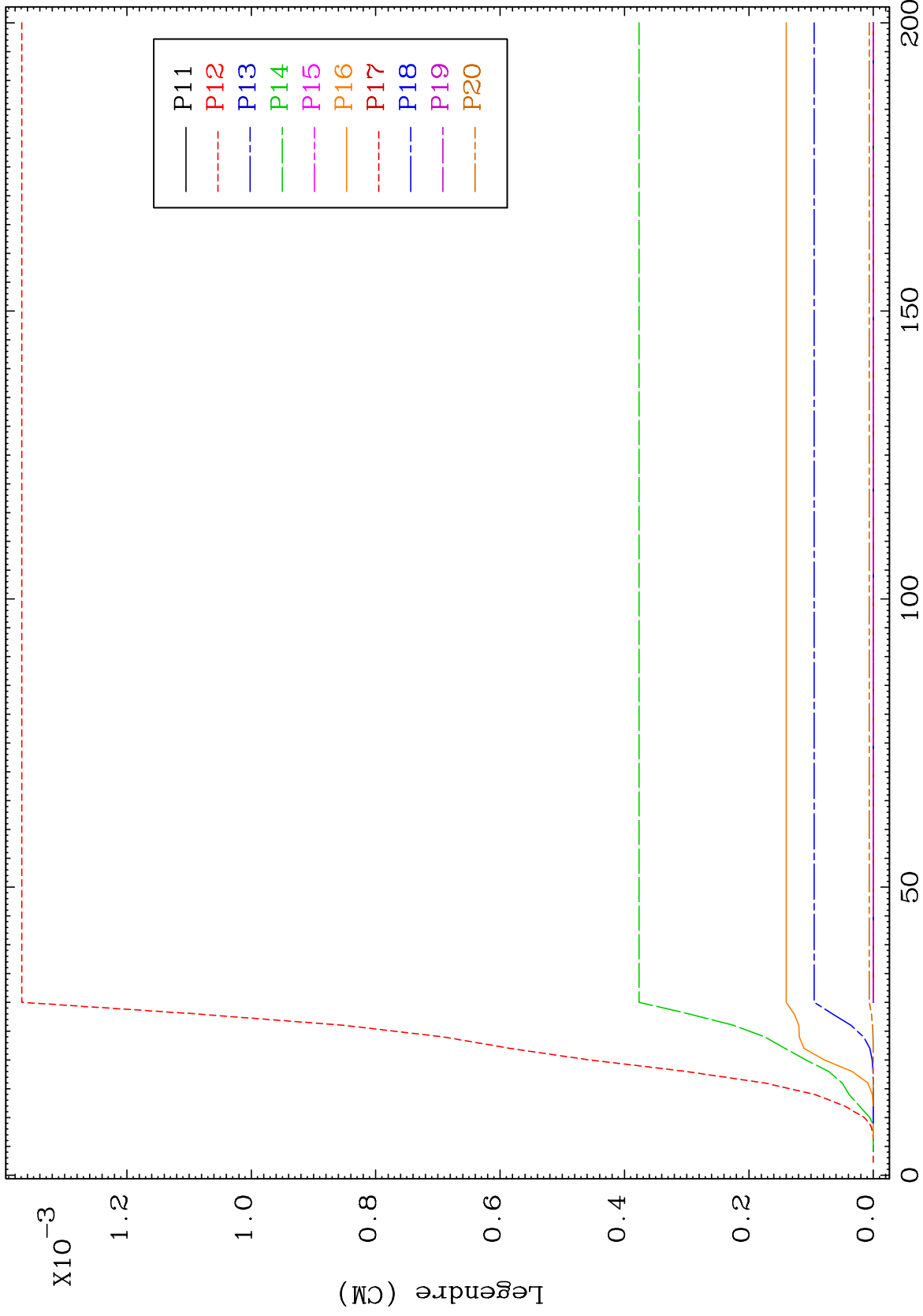
53-I -128



93

Incident Energy (MeV)

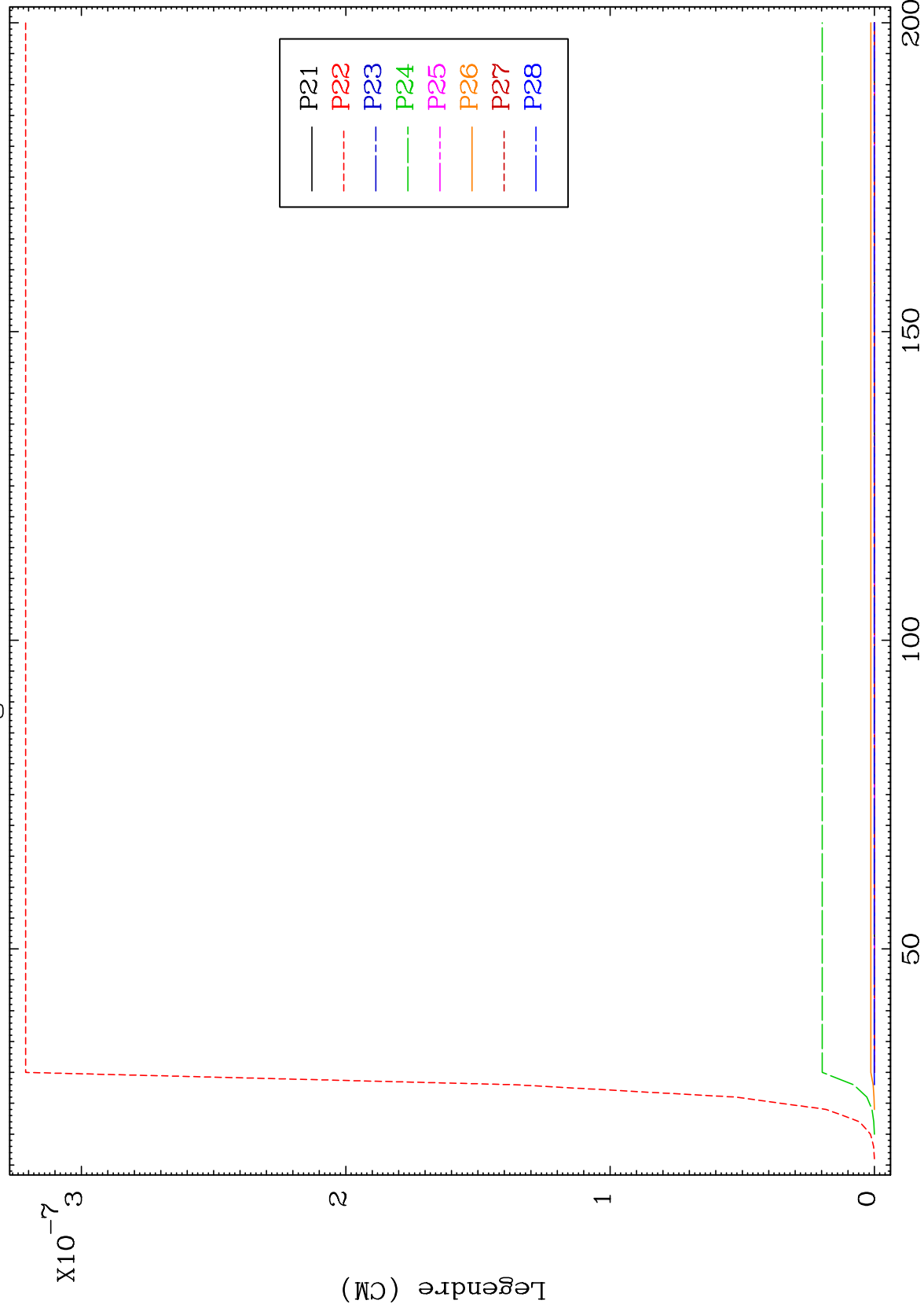
53-I -128



MAT 5328

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

53-I -128



95

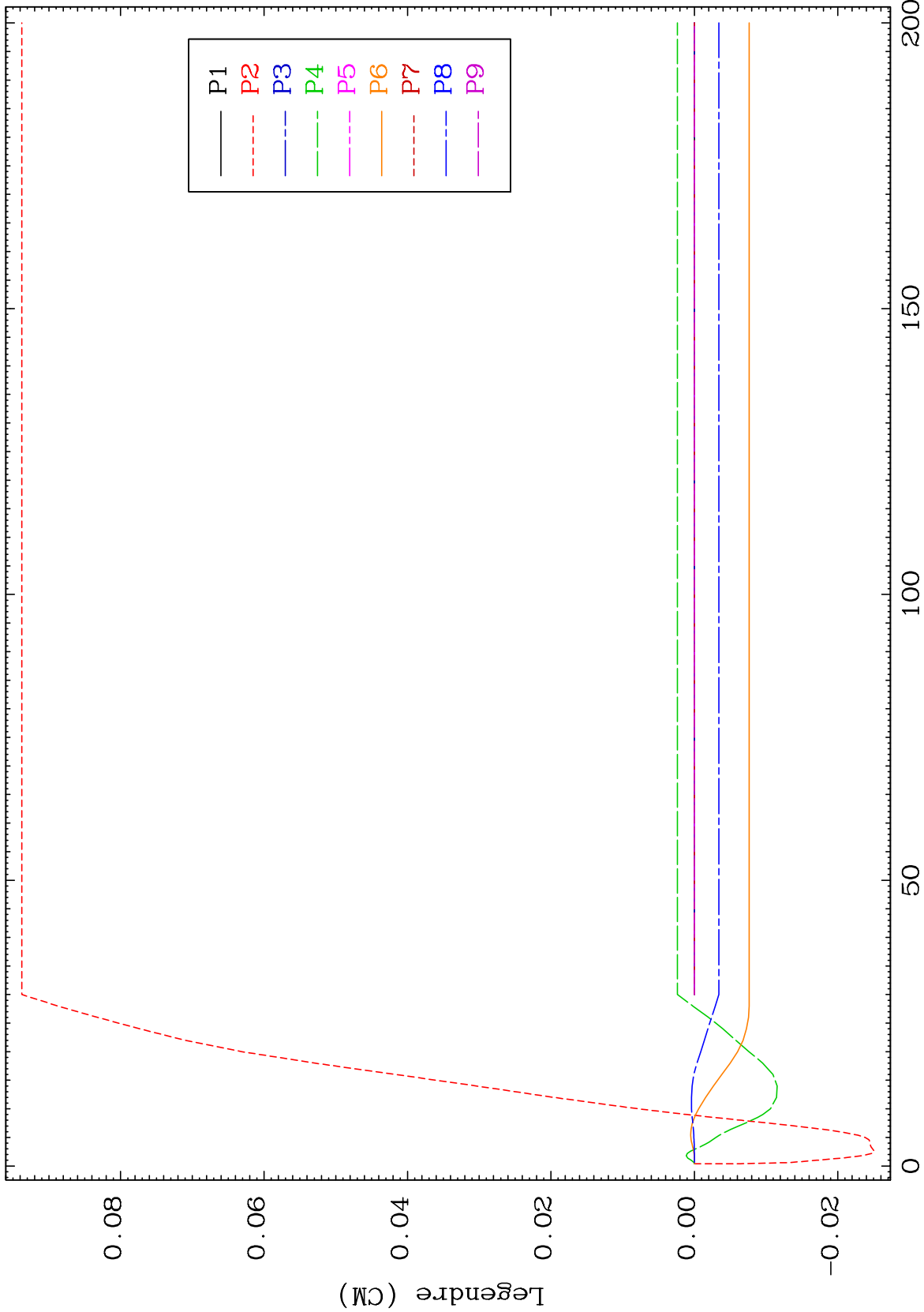
Incident Energy (MeV)

53-I -128

MAT 5328

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

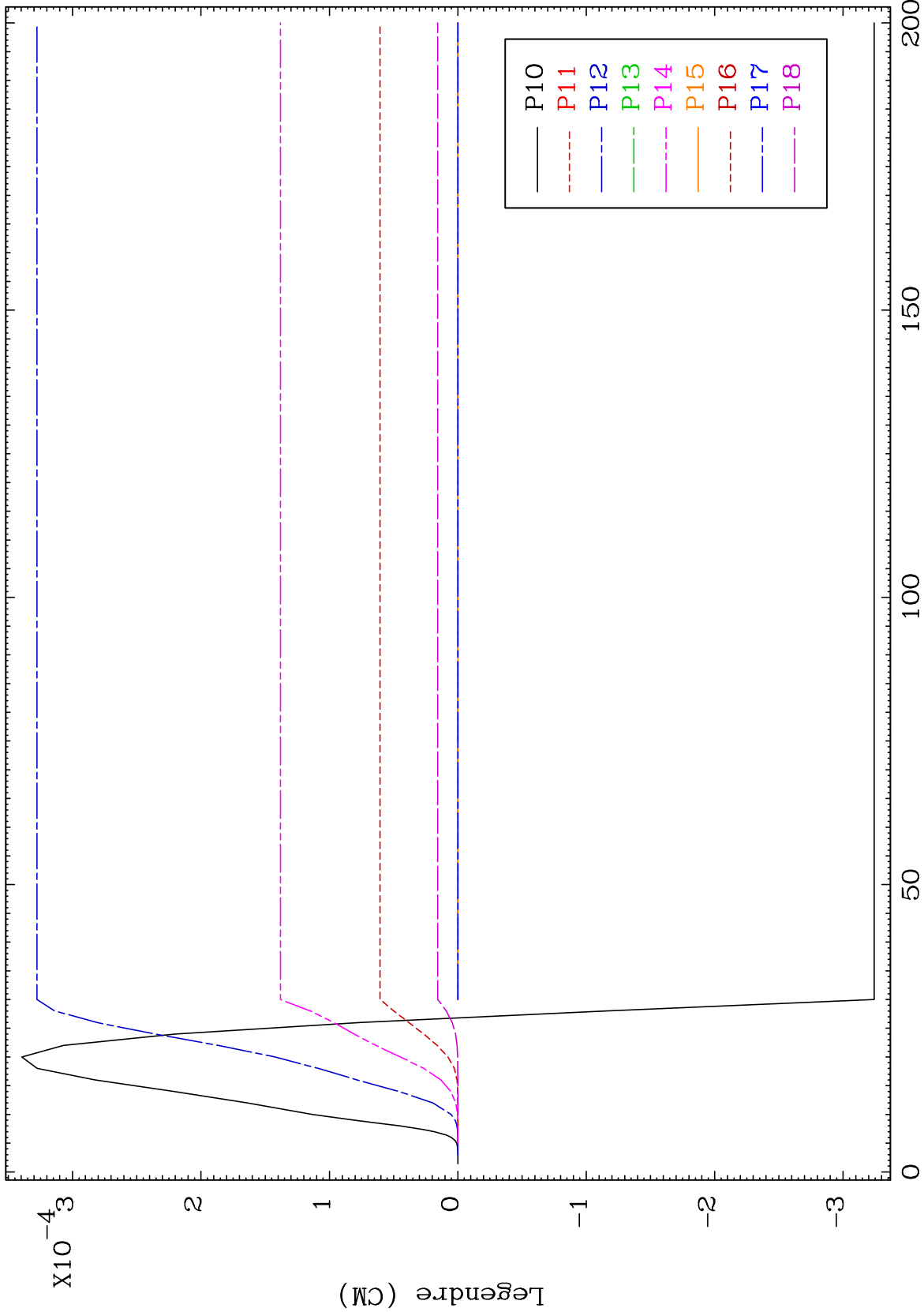
53-I -128



96

Incident Energy (MeV)

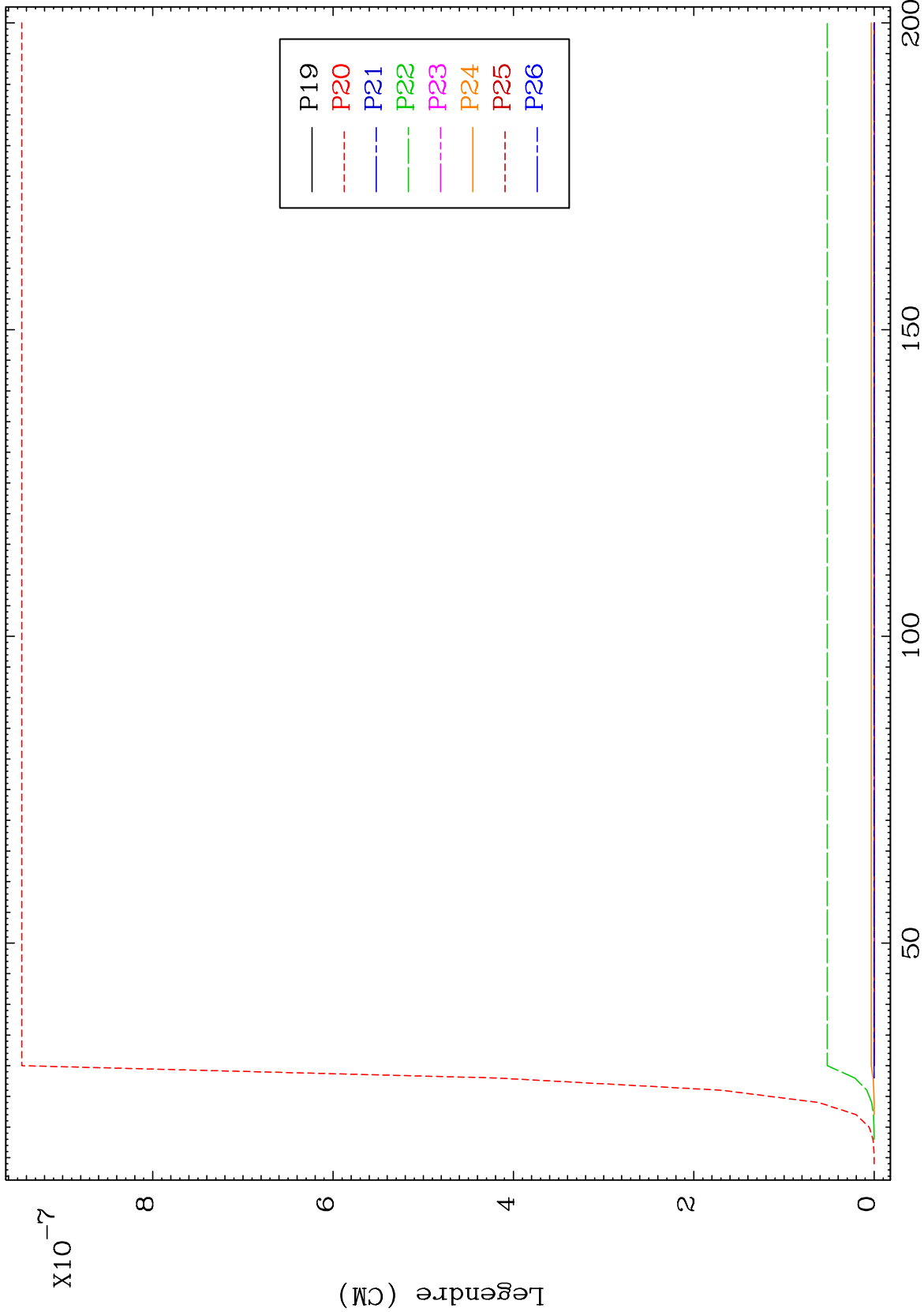
53-I -128



MAT 5328

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

53-I -128



98

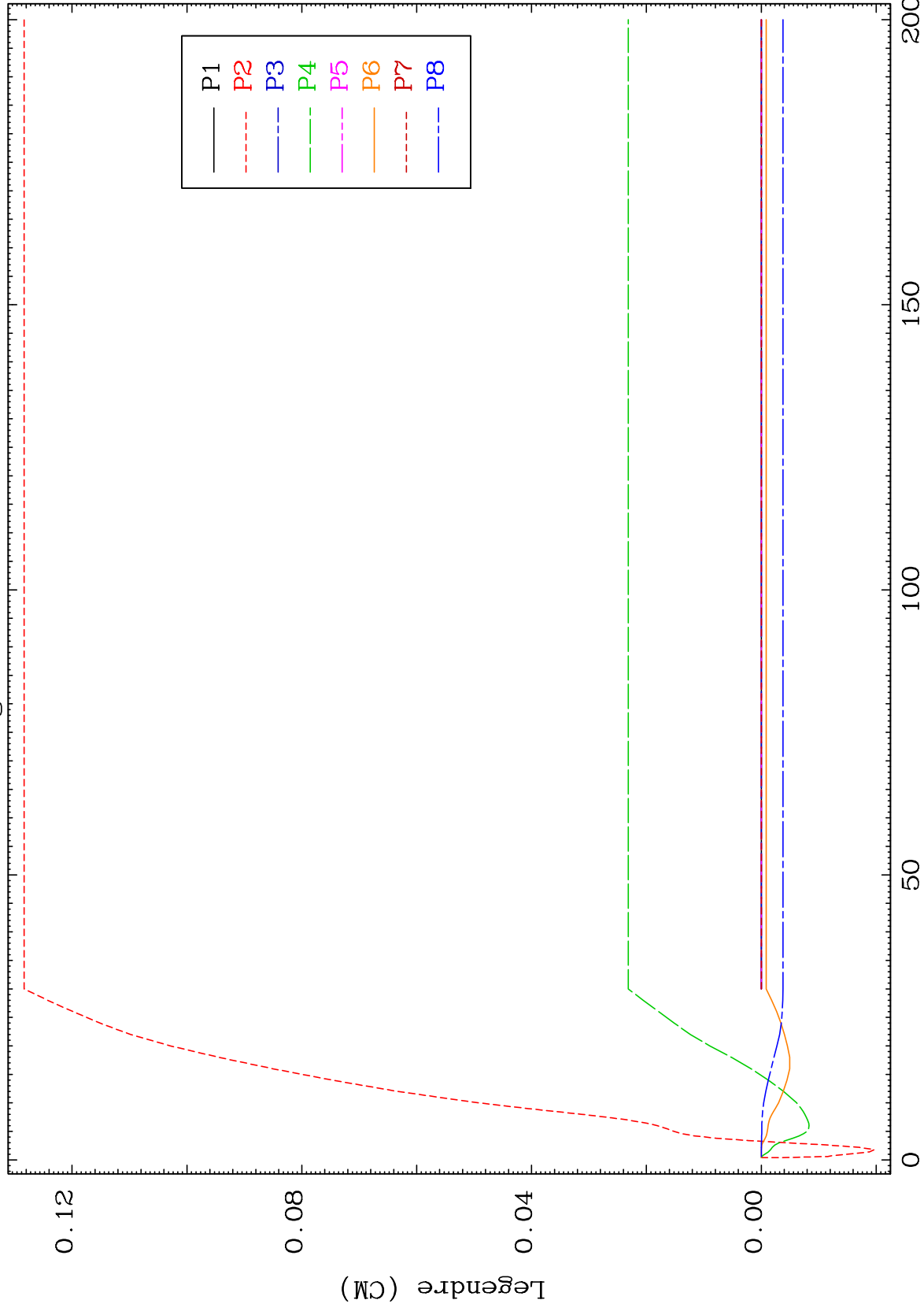
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



99

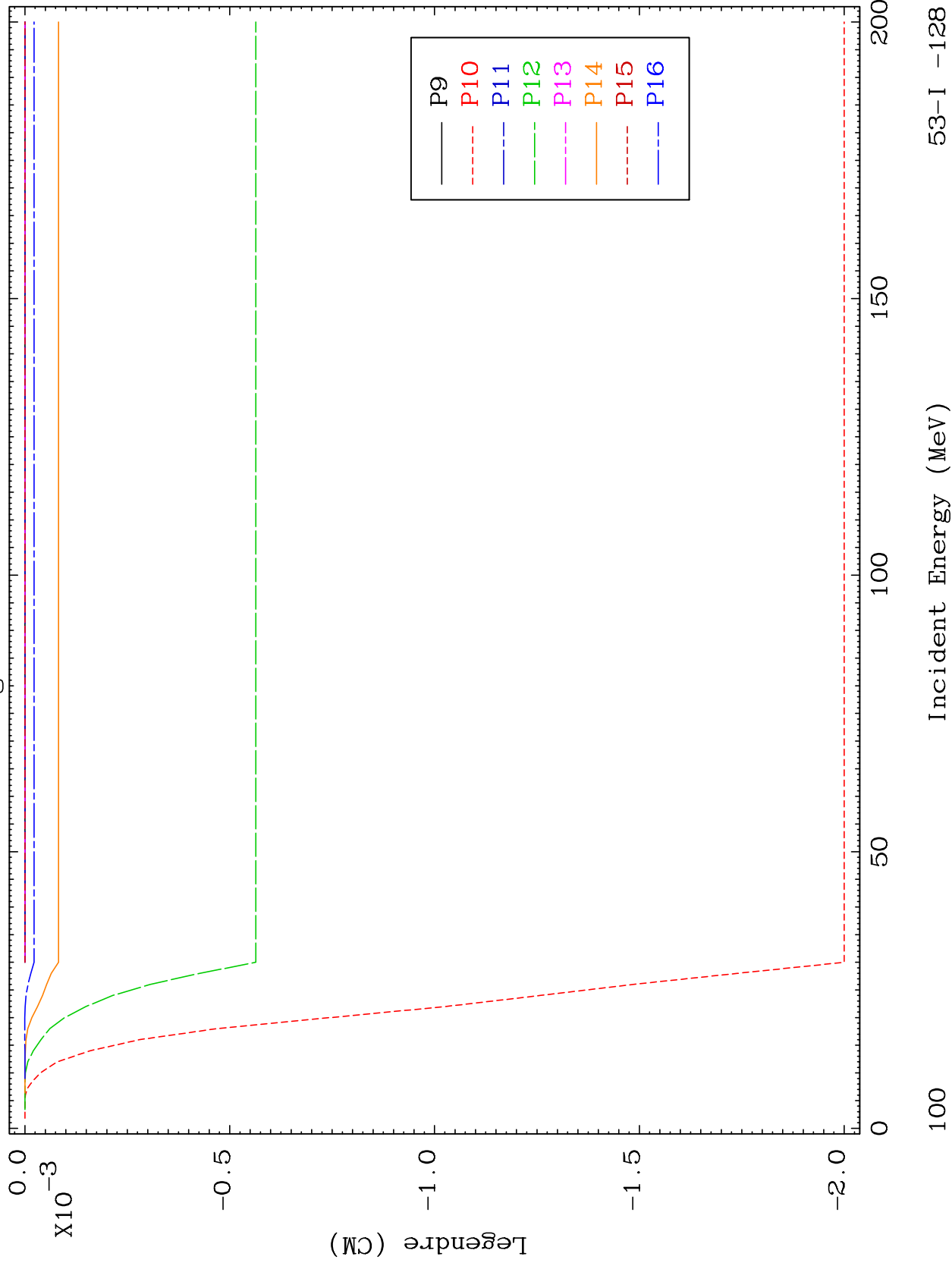
Incident Energy (MeV)

53-I -128

MAT 5328

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

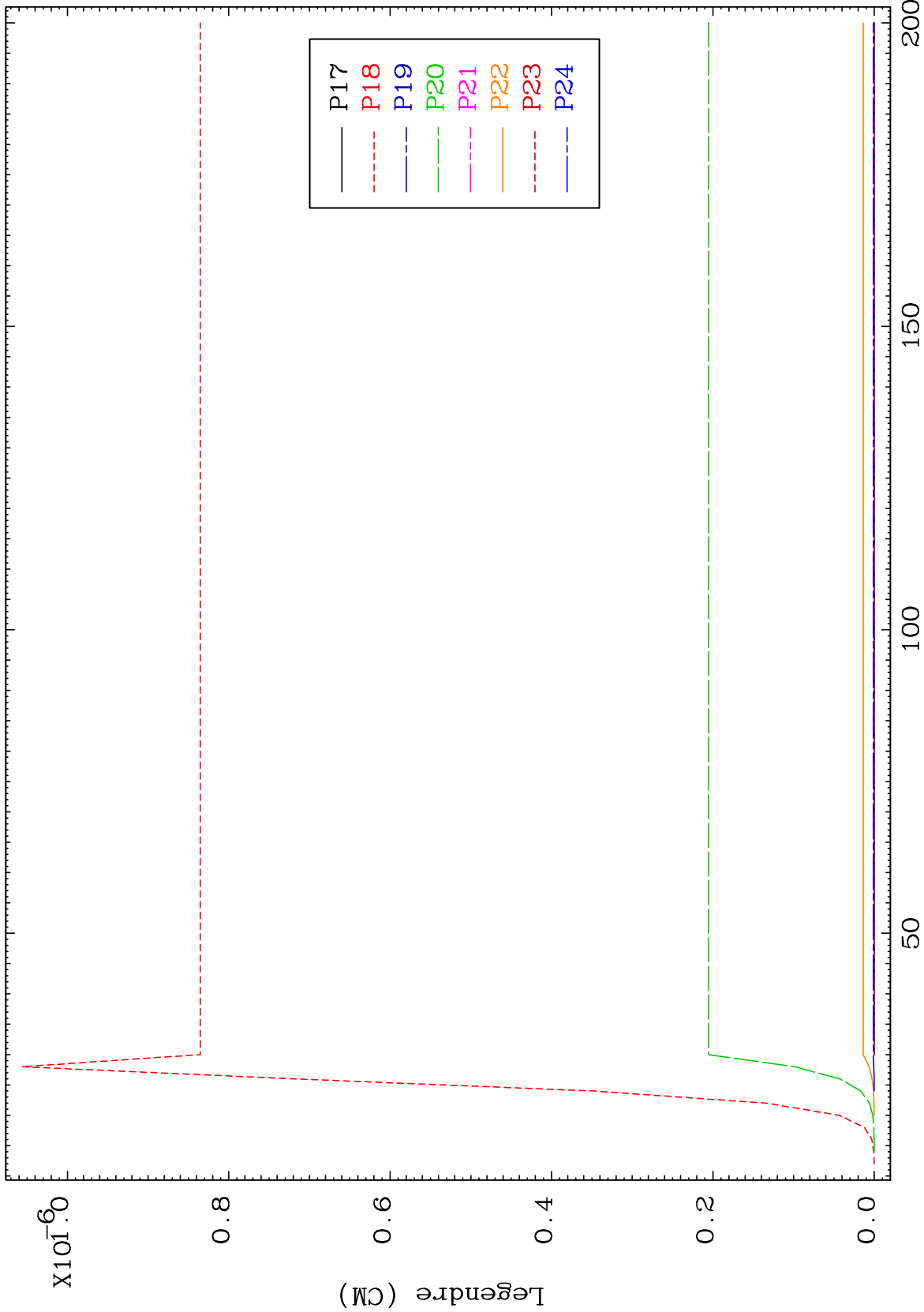
53-I -128



53-I -128

Incident Energy (MeV)

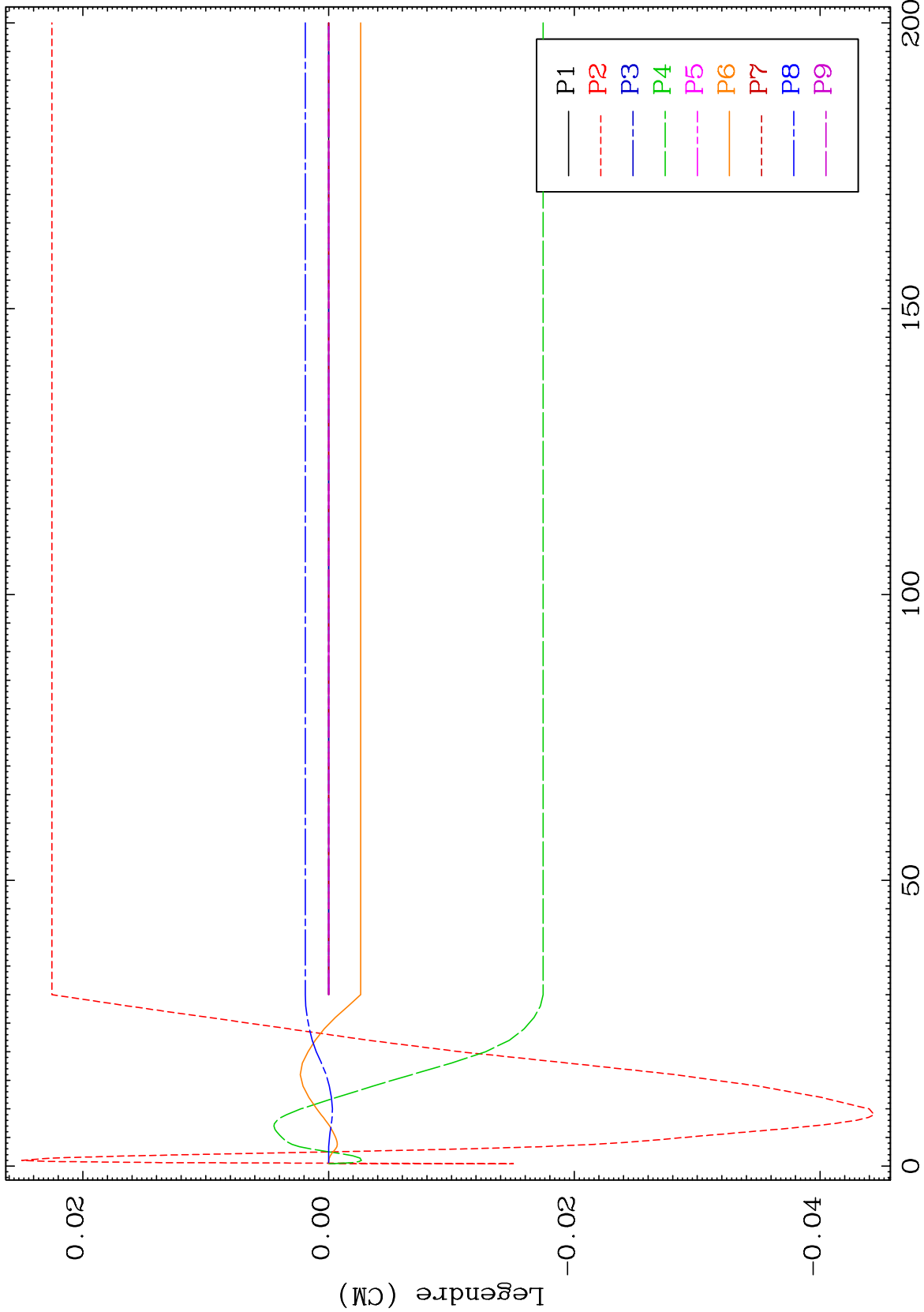
100



MAT 5328

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

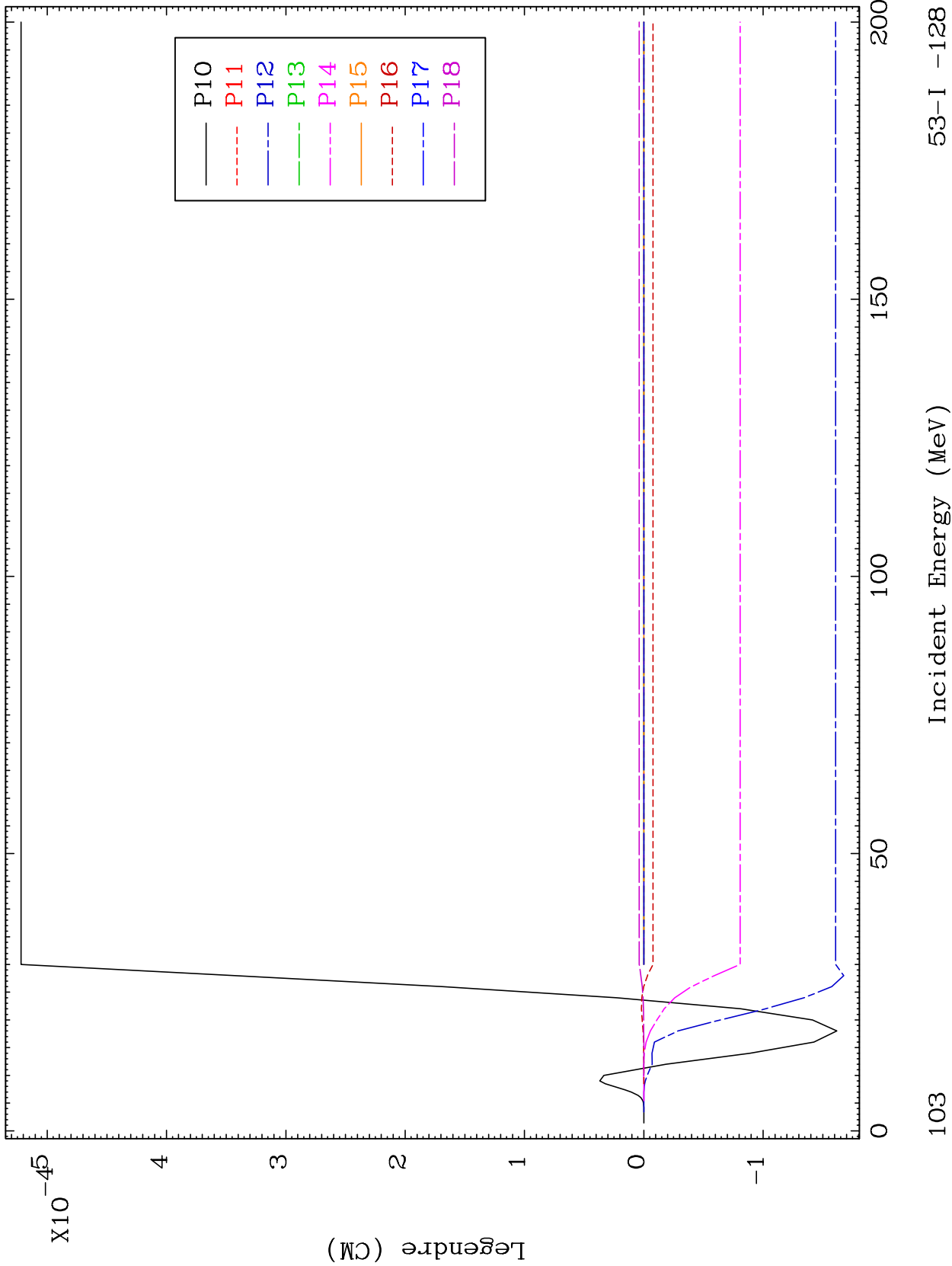
53-I -128



53-I -128

Incident Energy (MeV)

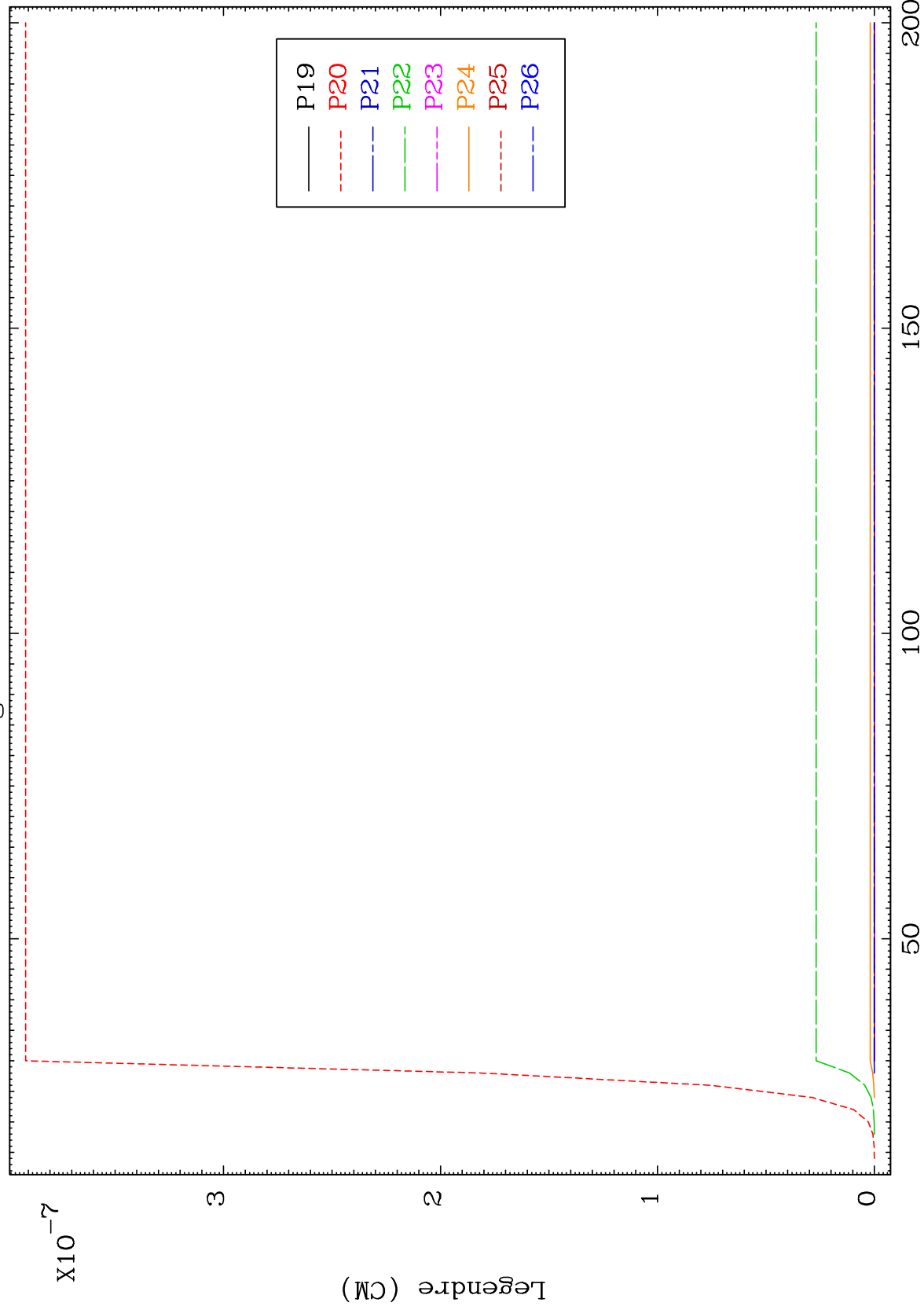
102



MAT 5328

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

53-I -128



104

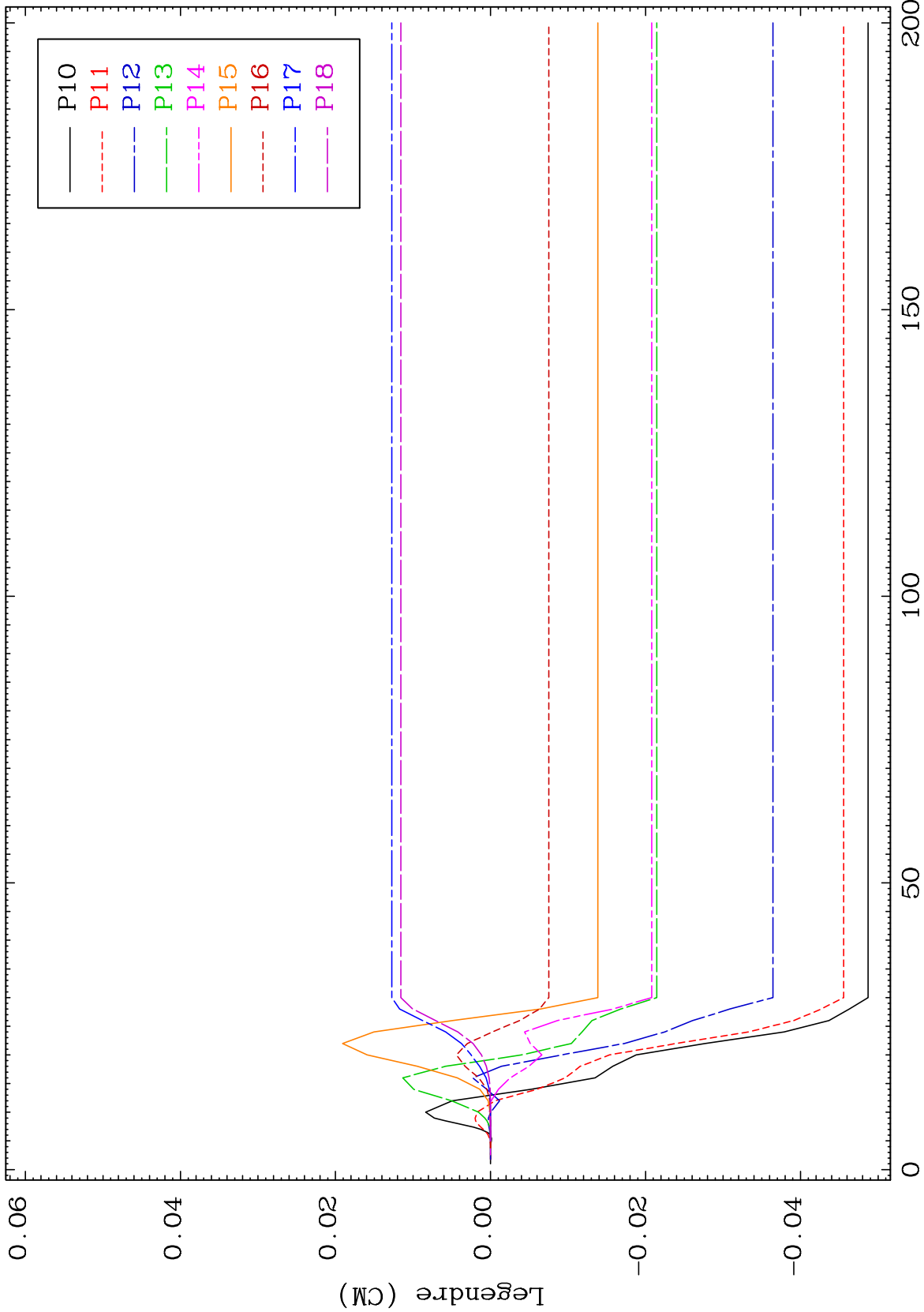
Incident Energy (MeV)

53-I -128

MAT 5328

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

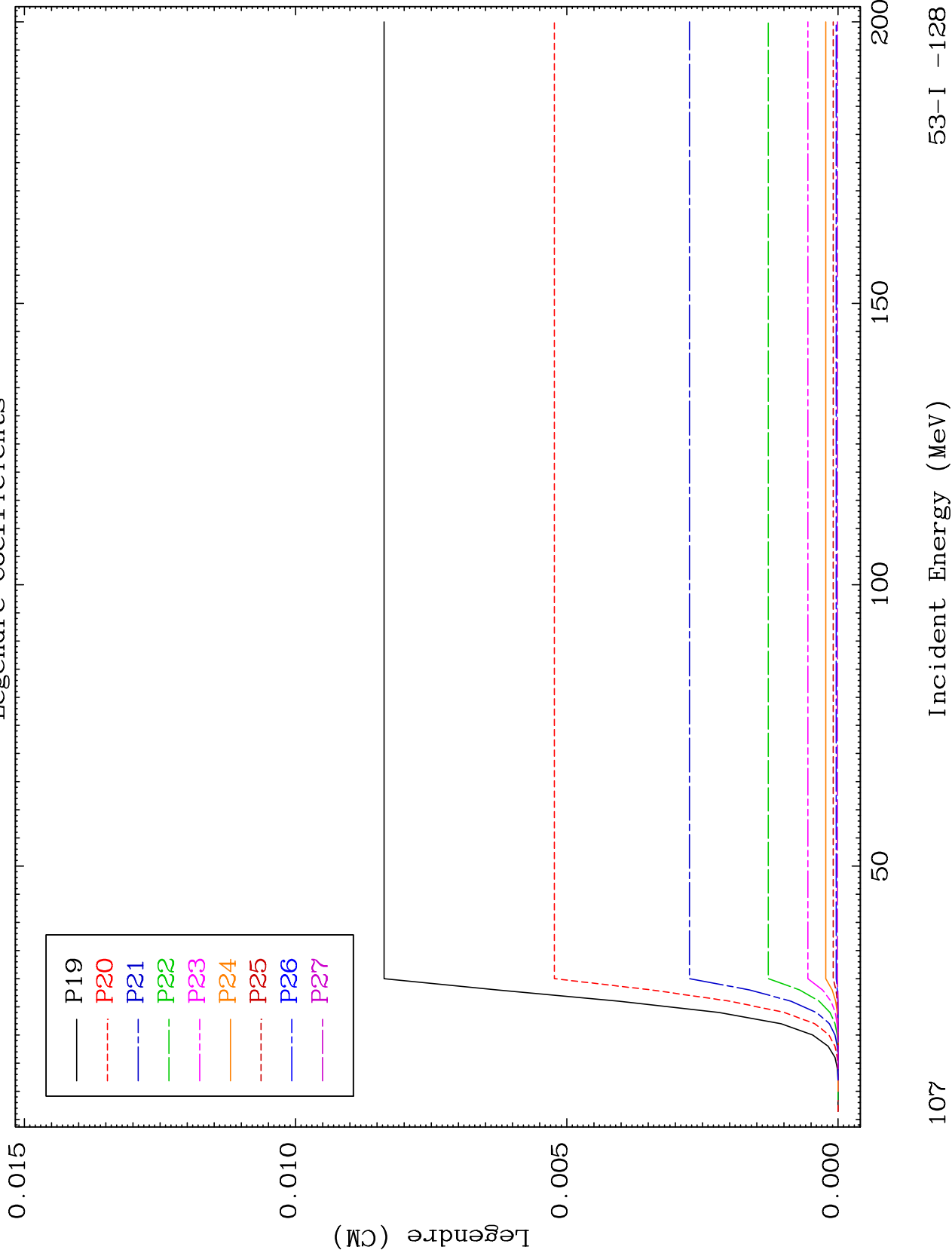
53-I -128



106

Incident Energy (MeV)

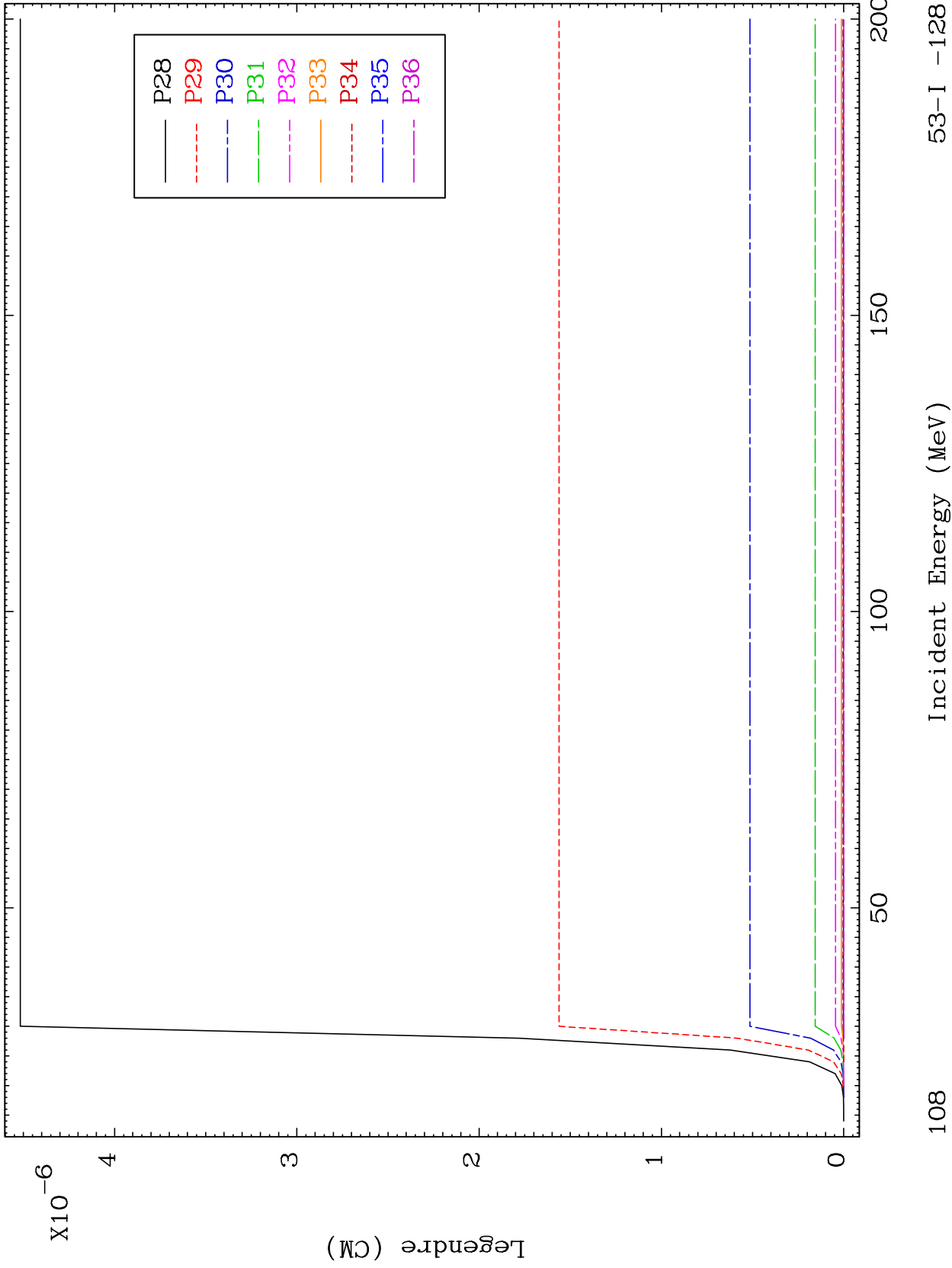
53-I -128



MAT 5328

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

53-I -128

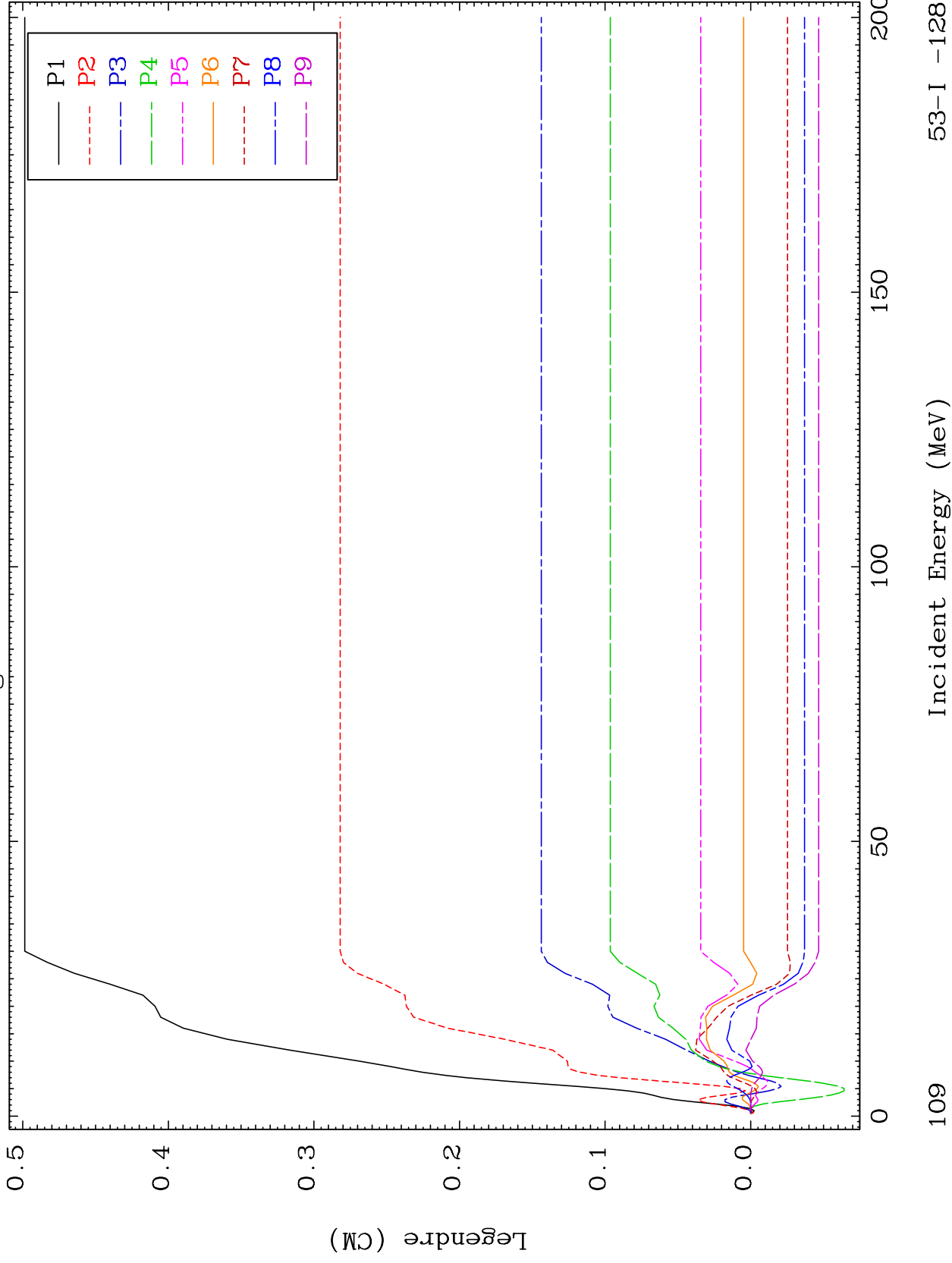


MAT 5328

MT= 77 (n,n') Level

53-I -128

Legendre Coefficients



53-I -128

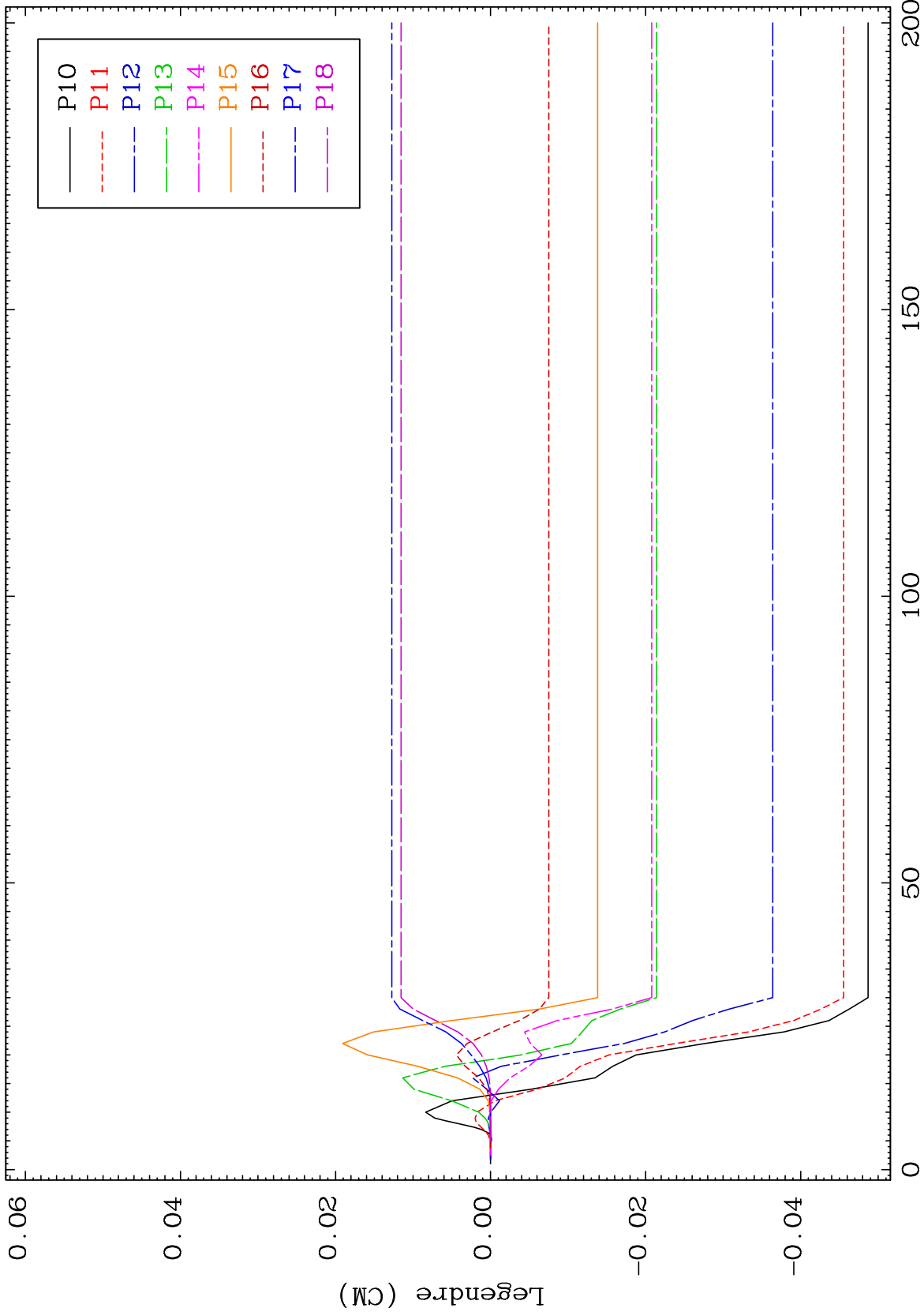
Incident Energy (MeV)

109

MAT 5328

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

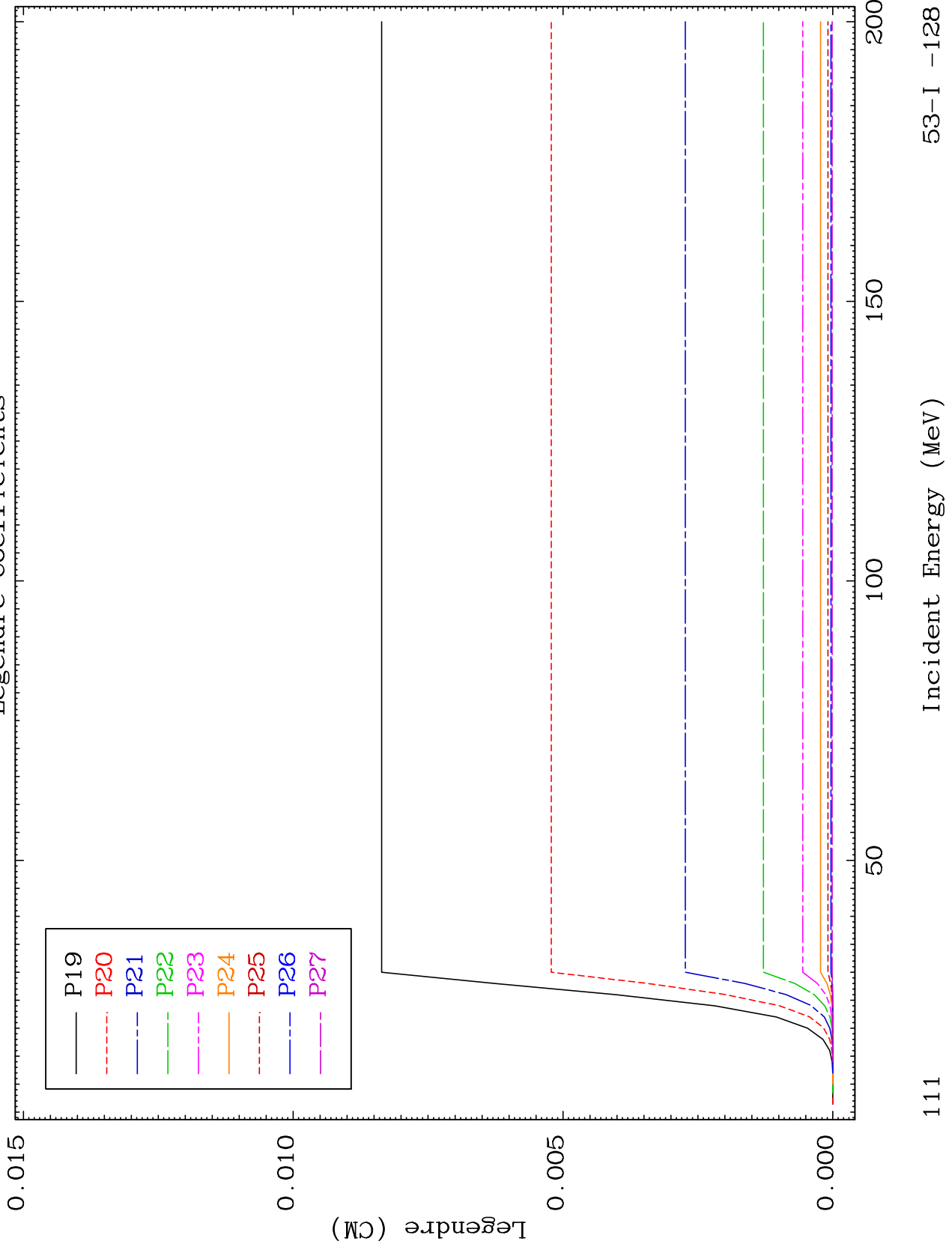
53-I -128

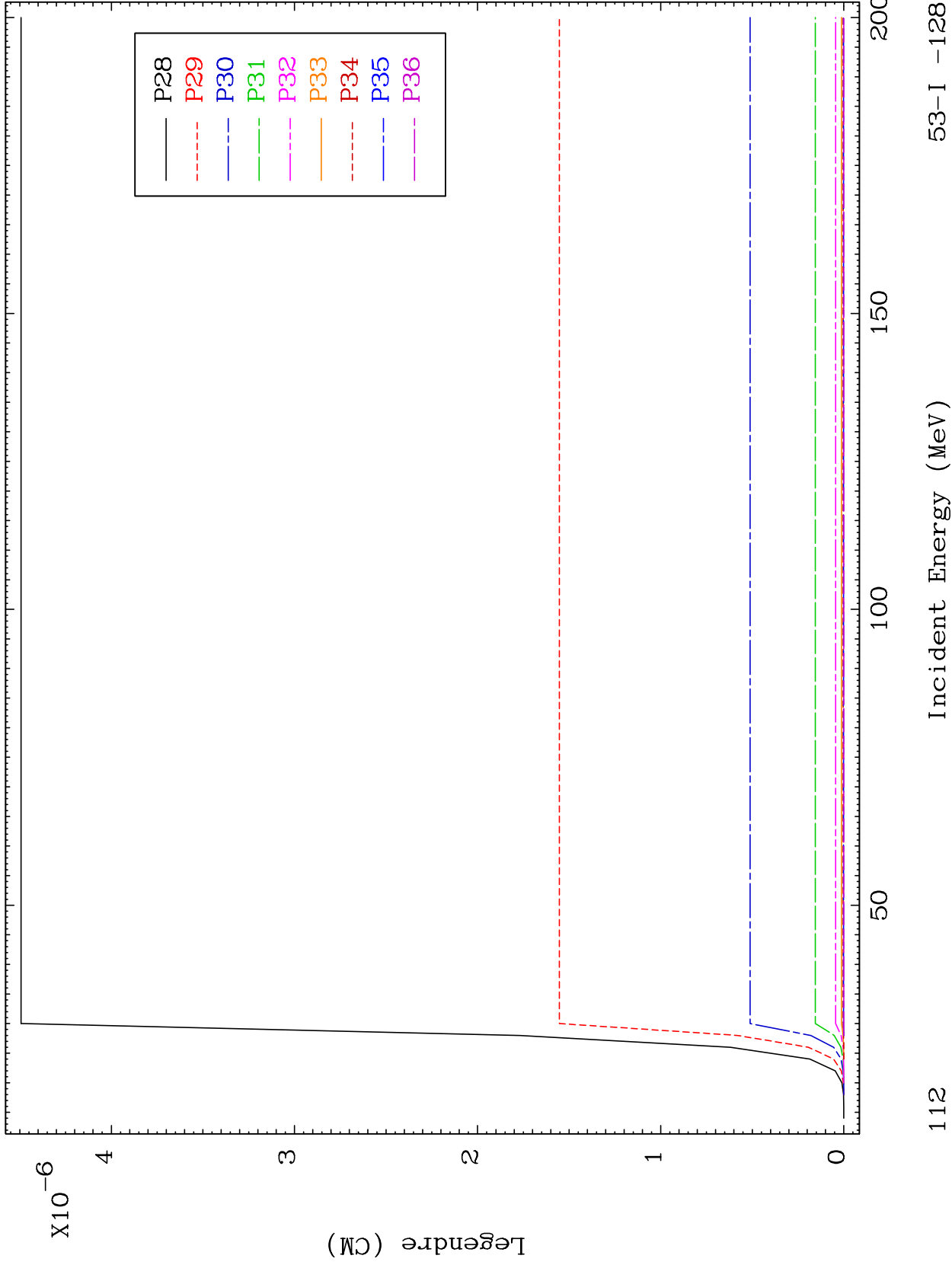


53-I -128

Incident Energy (MeV)

110

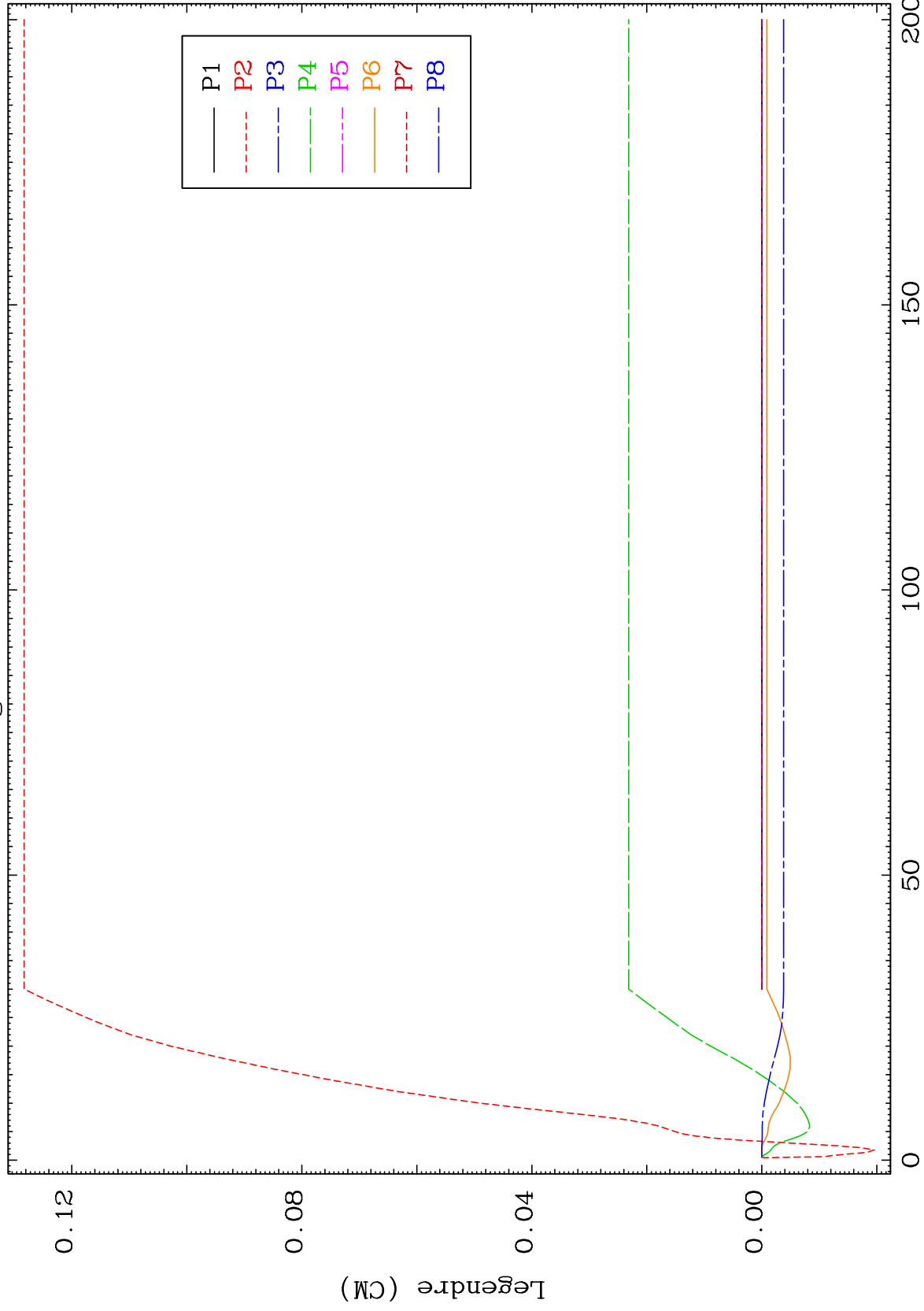




MAT 5328

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

53-I -128



113

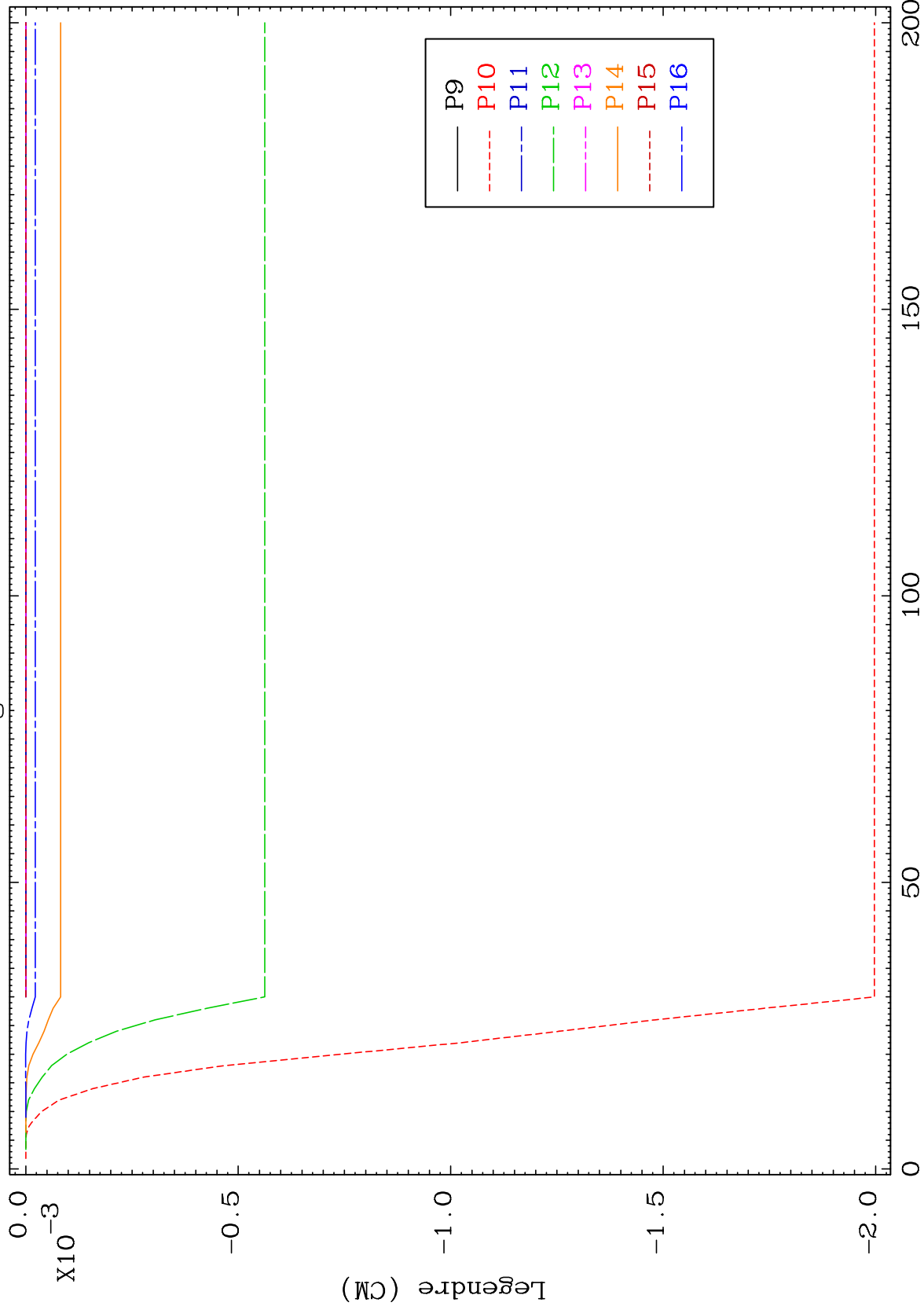
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



114

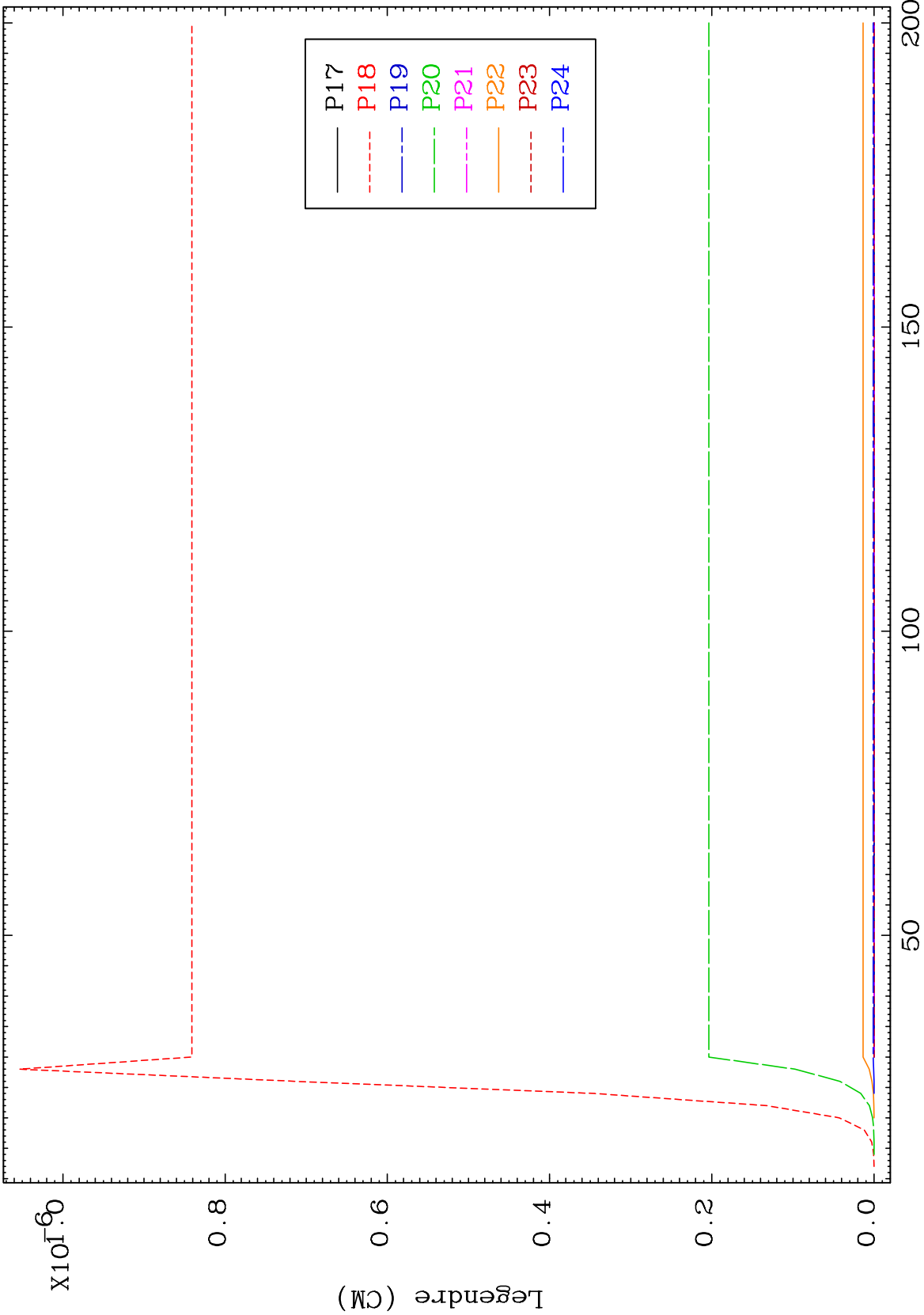
Incident Energy (MeV)

53-I -128

MAT 5328

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

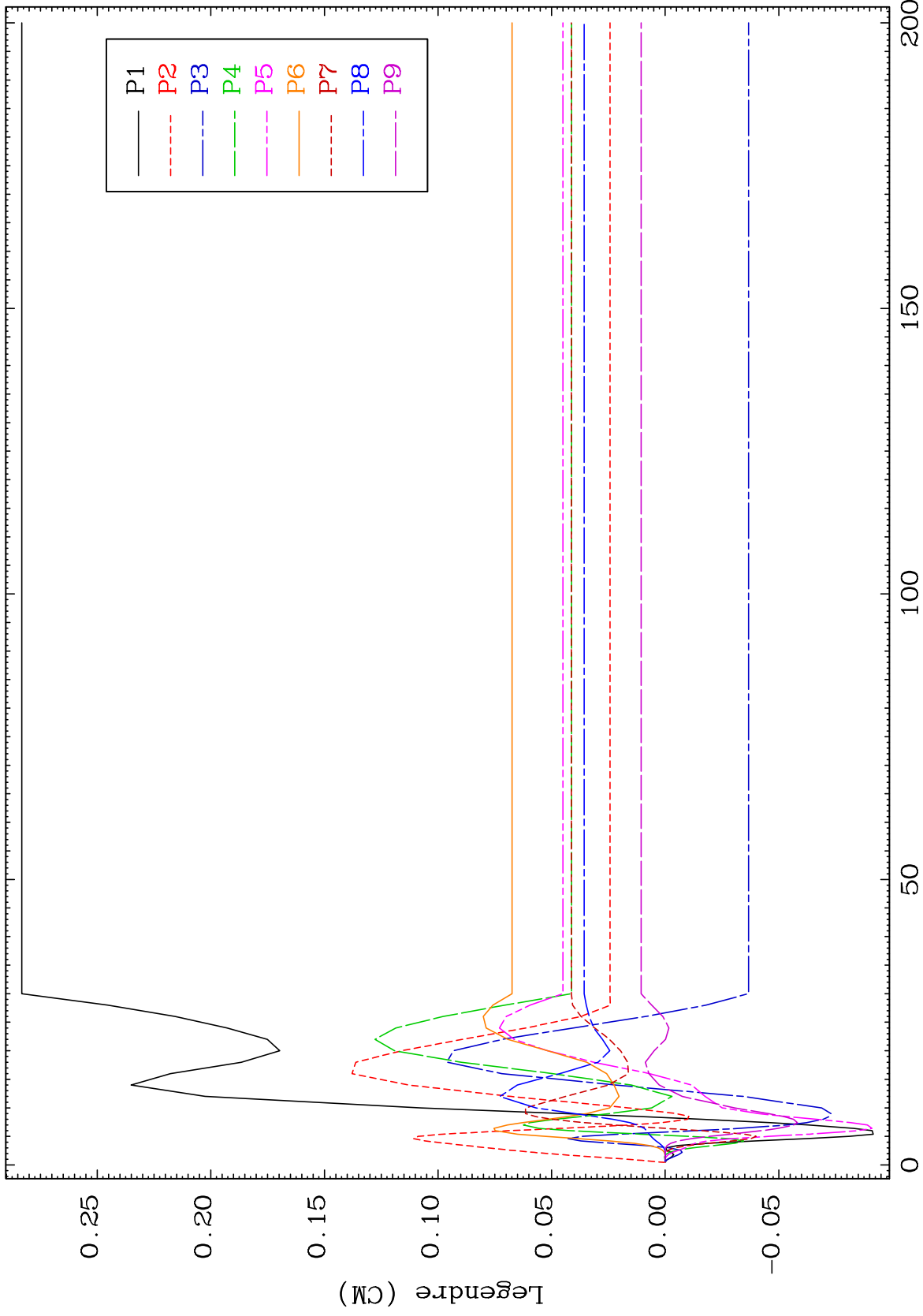
53-I -128



115

Incident Energy (MeV)

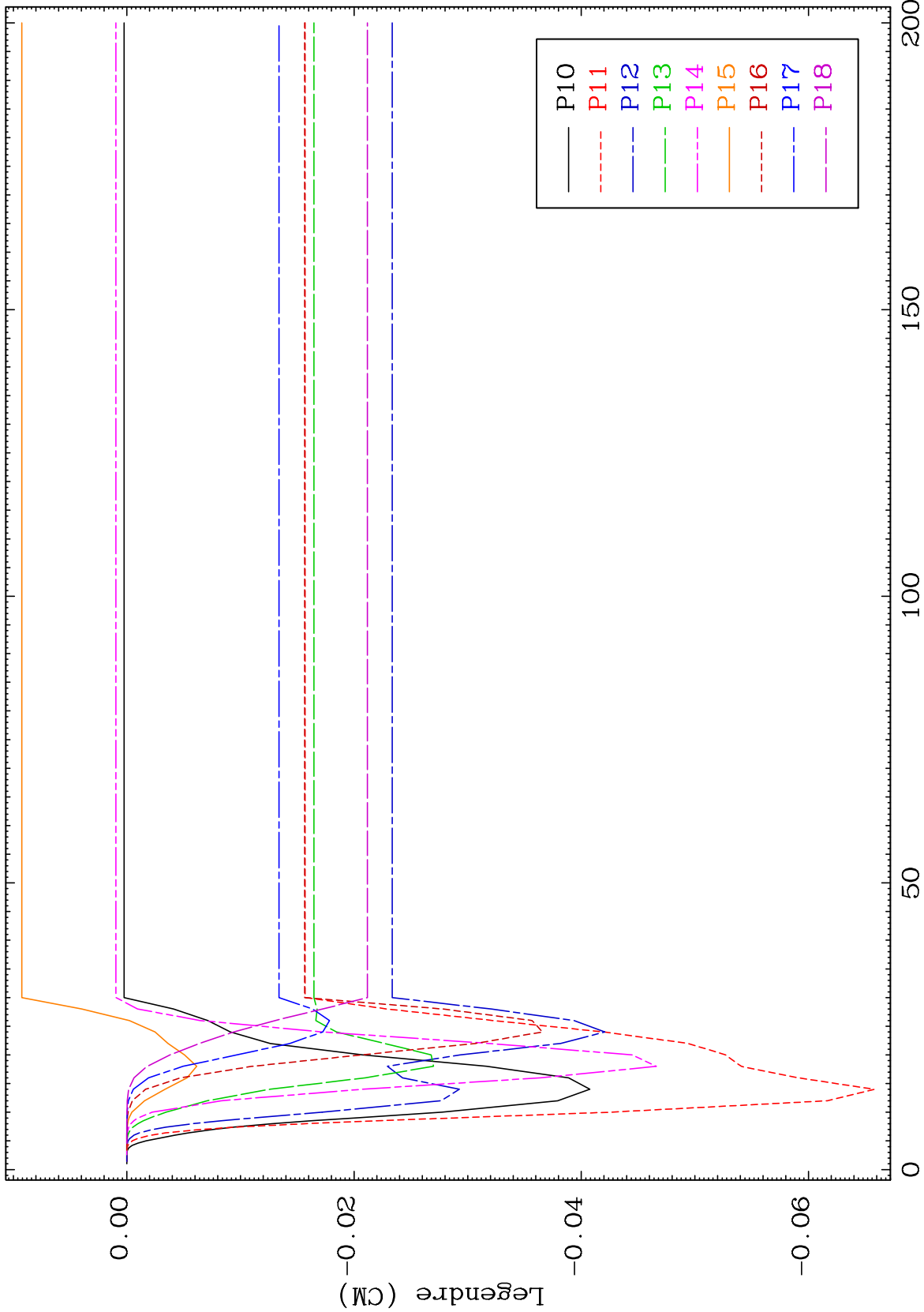
53-I -128



MAT 5328

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

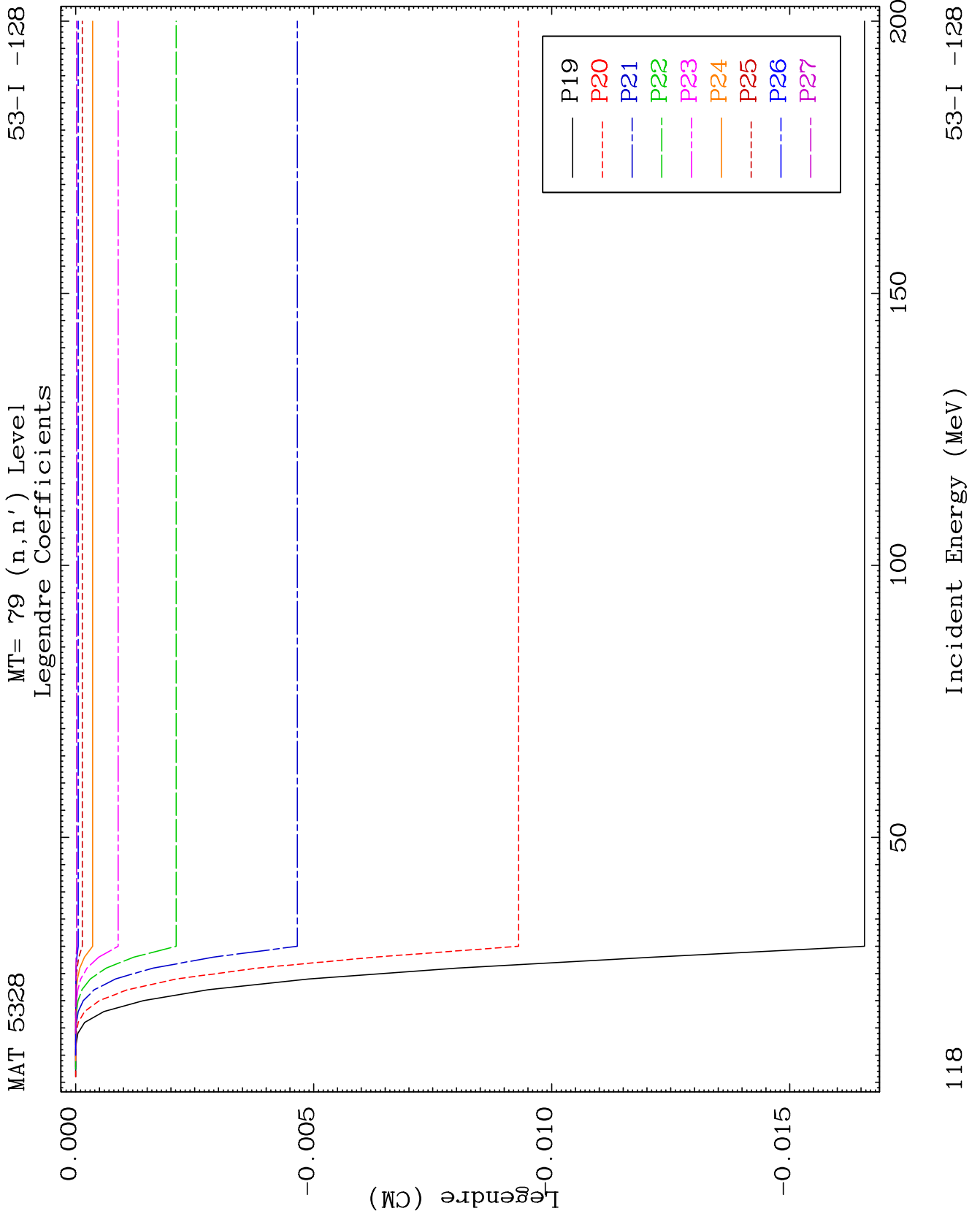
53-I -128



117

Incident Energy (MeV)

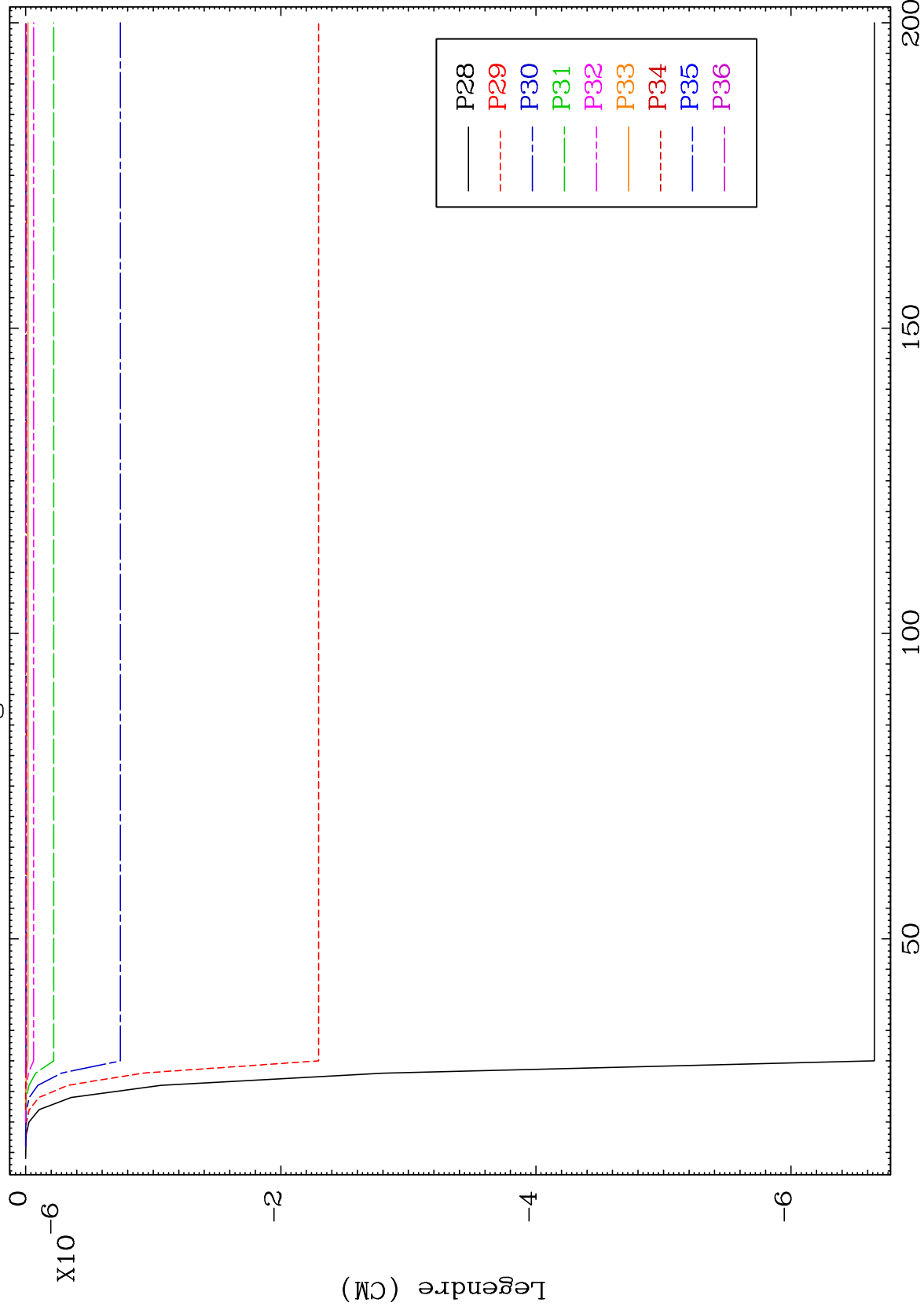
53-I -128



MAT 5328

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

53-I -128



119

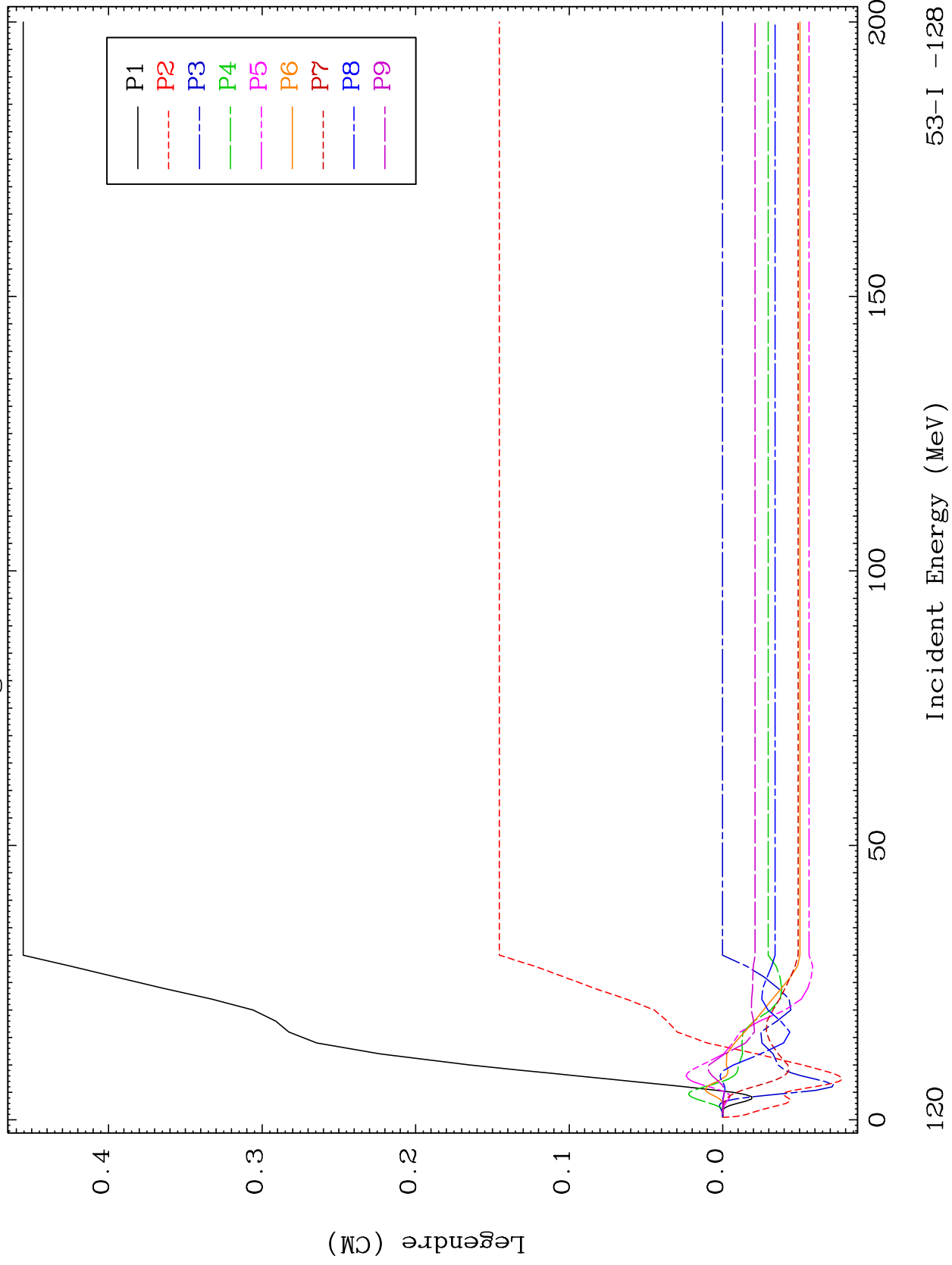
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



53-I -128

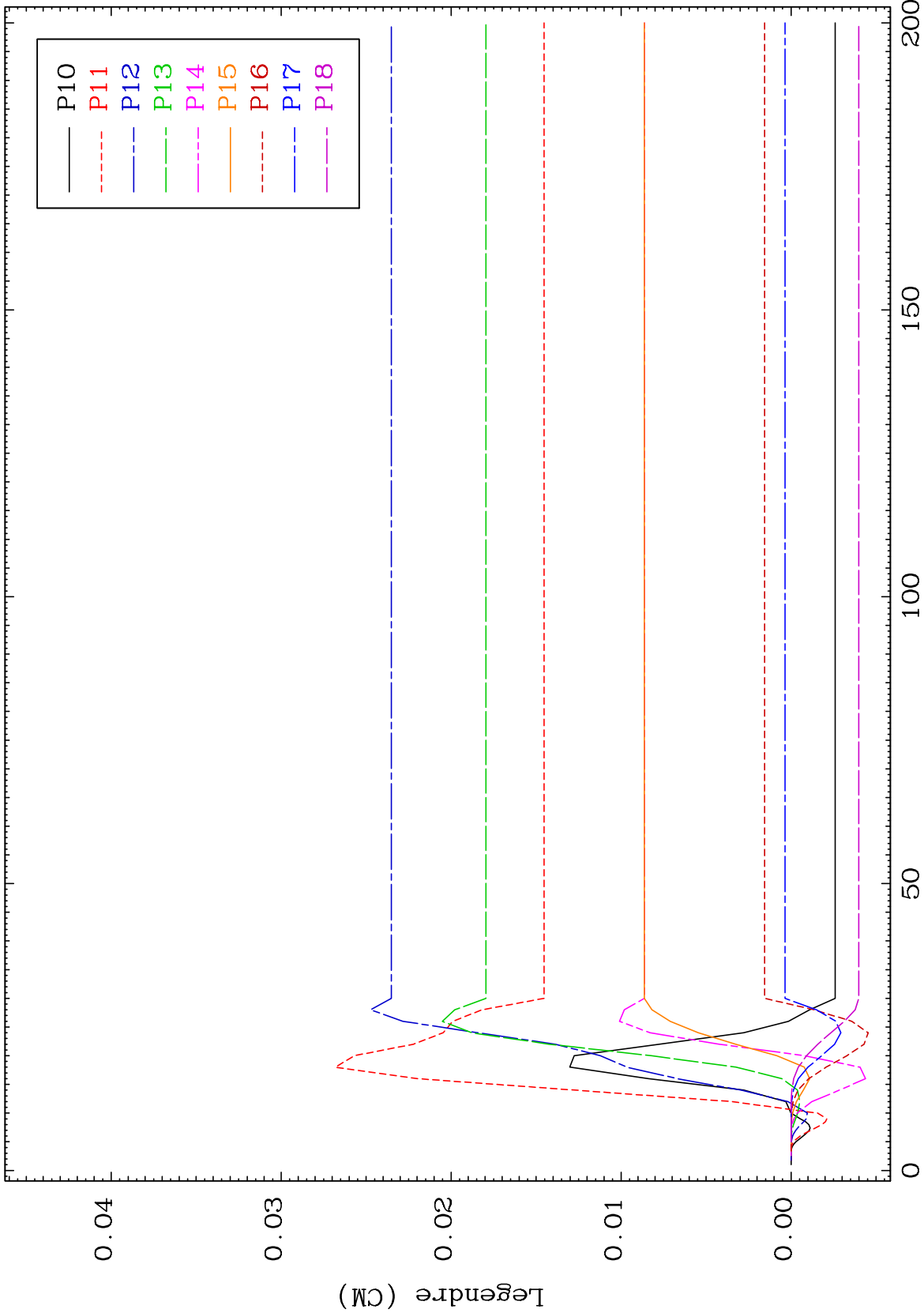
Incident Energy (MeV)

120

MAT 5328

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

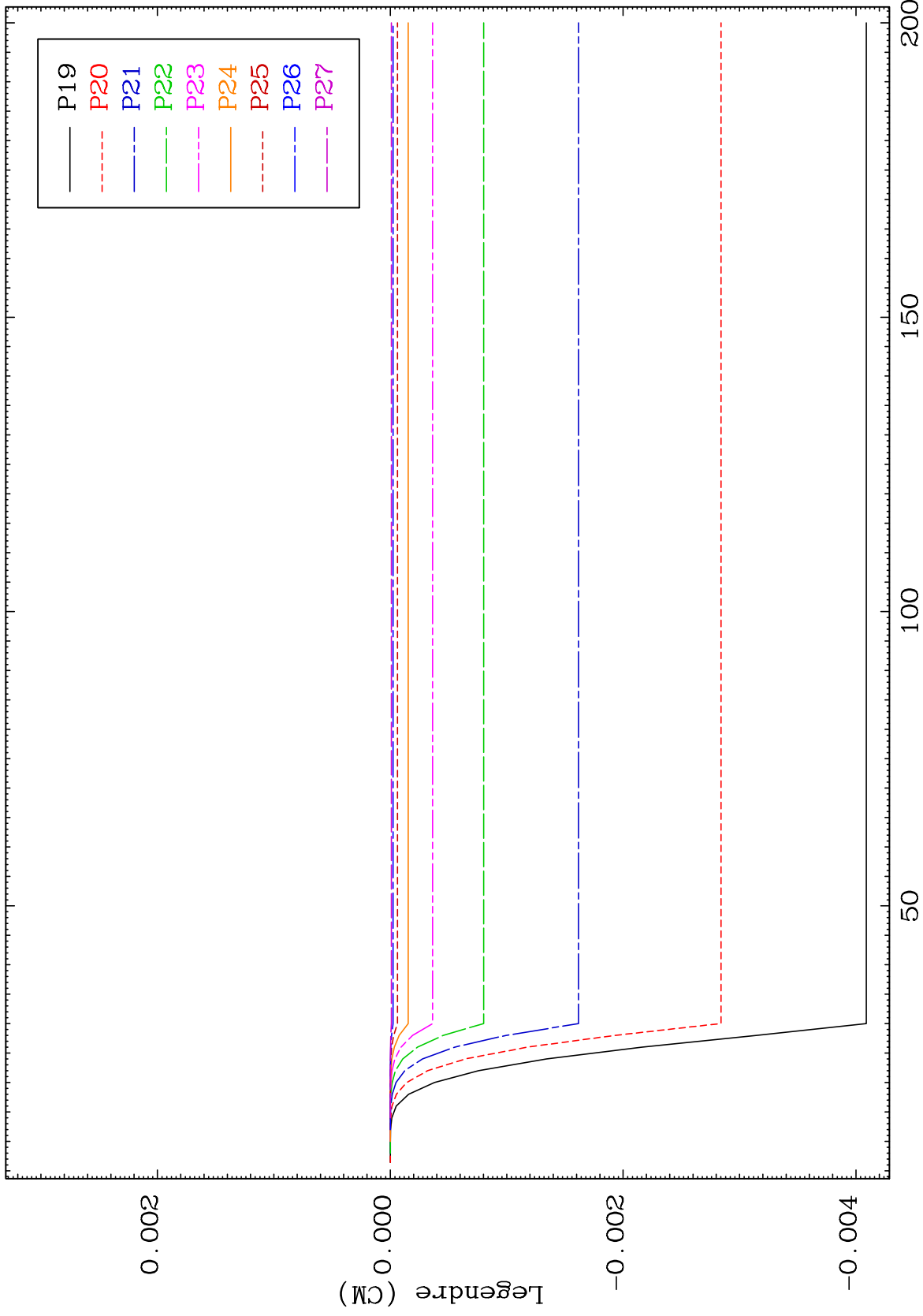
53-I -128



121

Incident Energy (MeV)

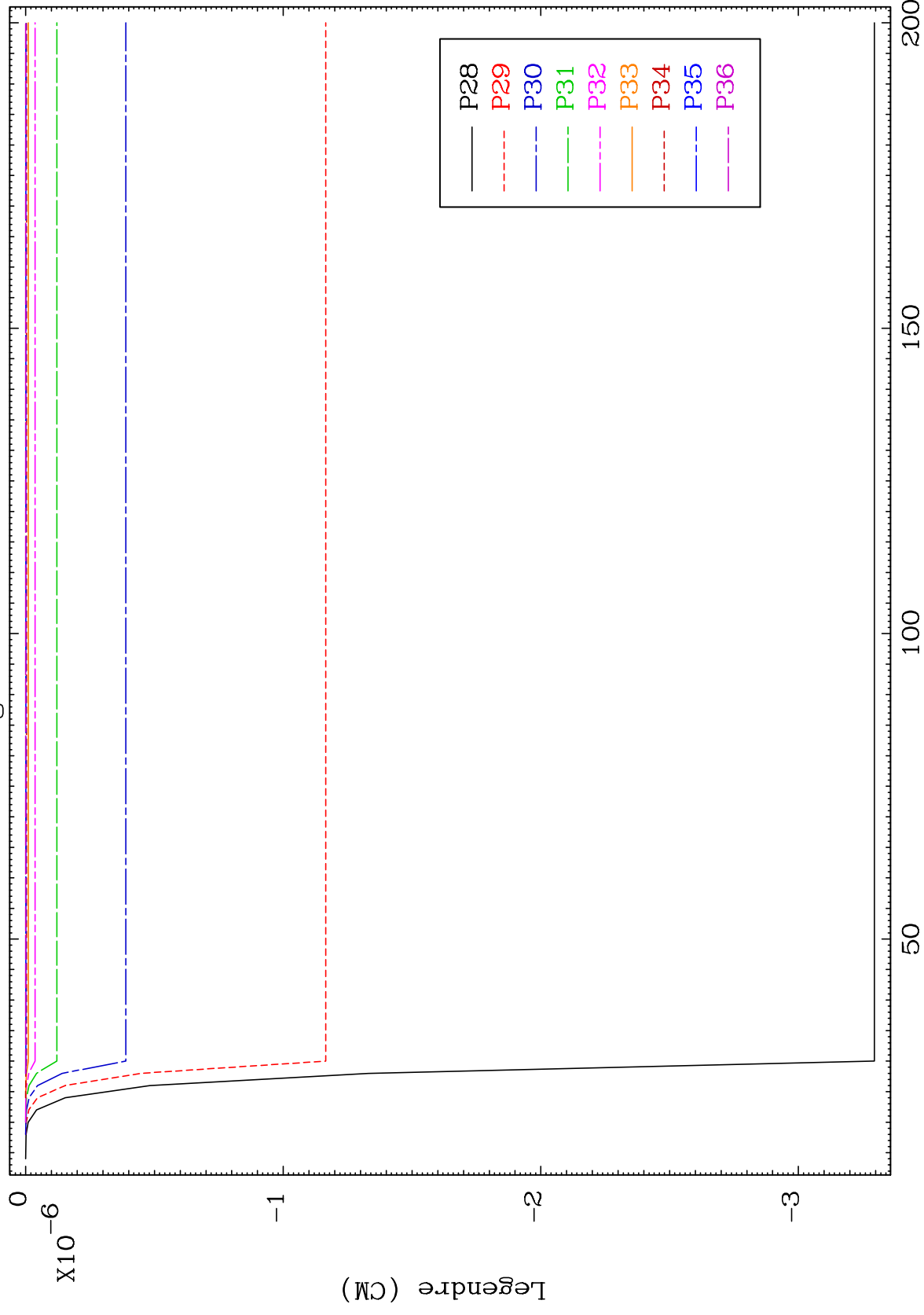
53-I -128



MAT 5328

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

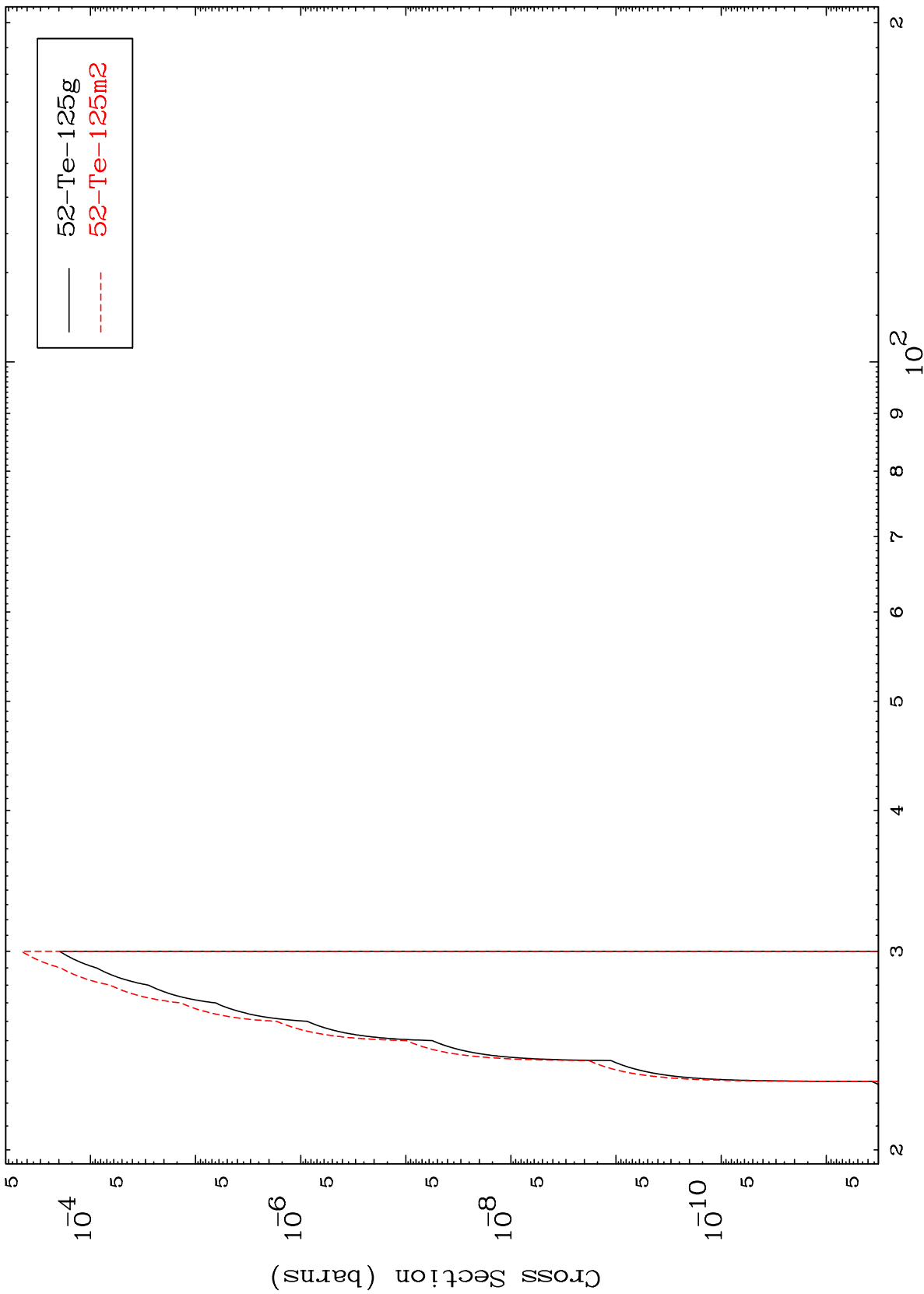
53-I -128



123

53-I -128

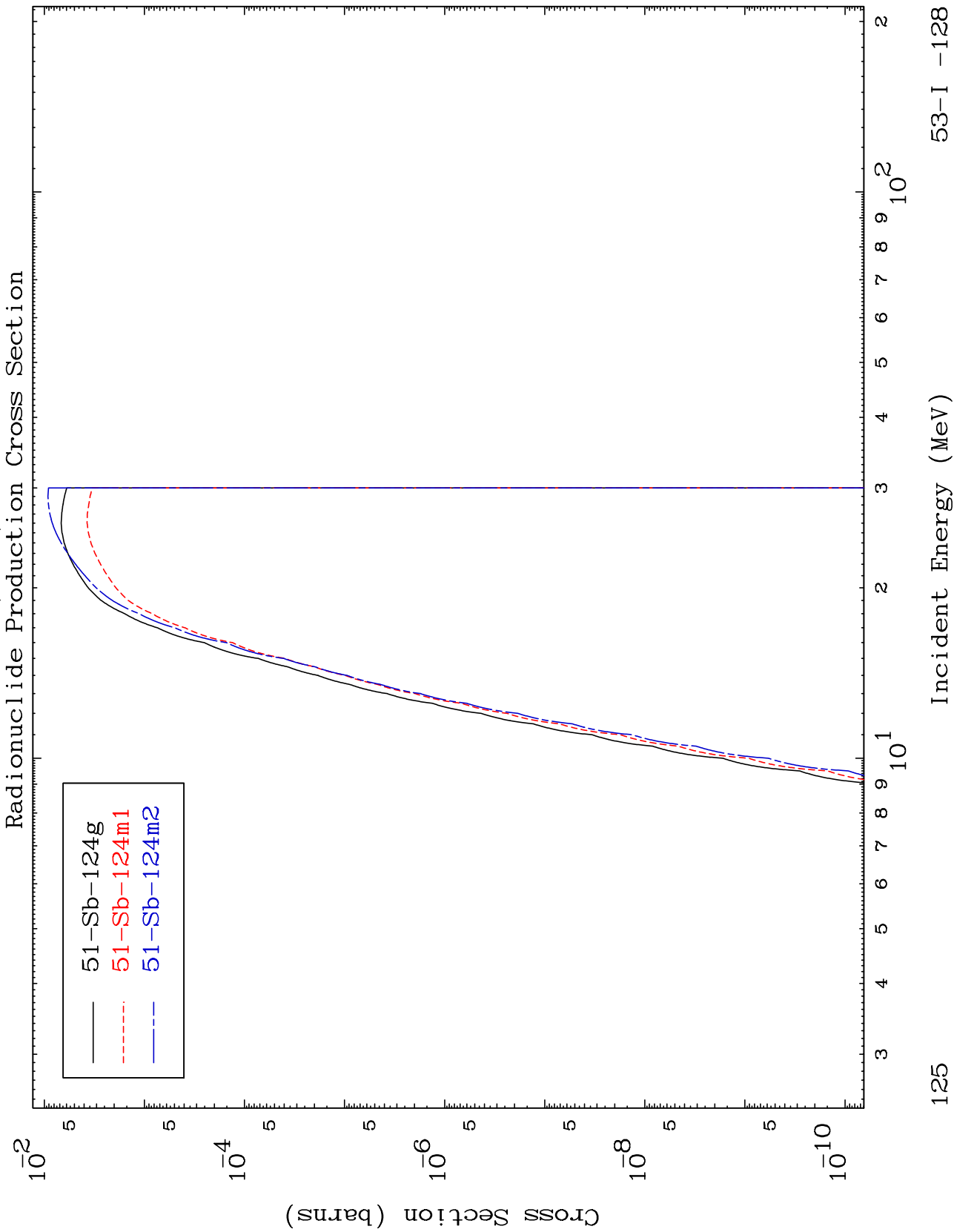
Radionuclide Production Cross Section



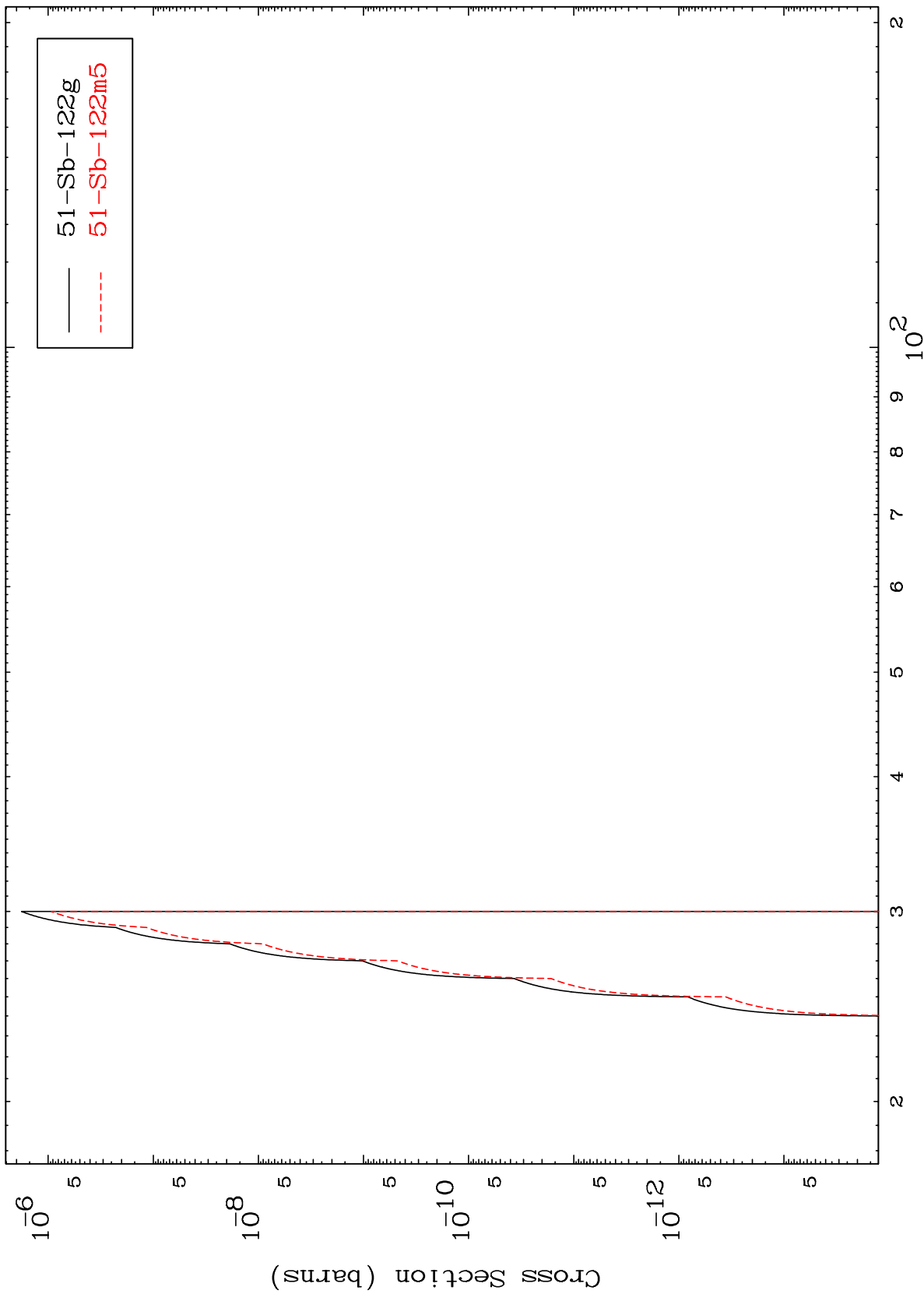
MAT 5328

(n,n') α

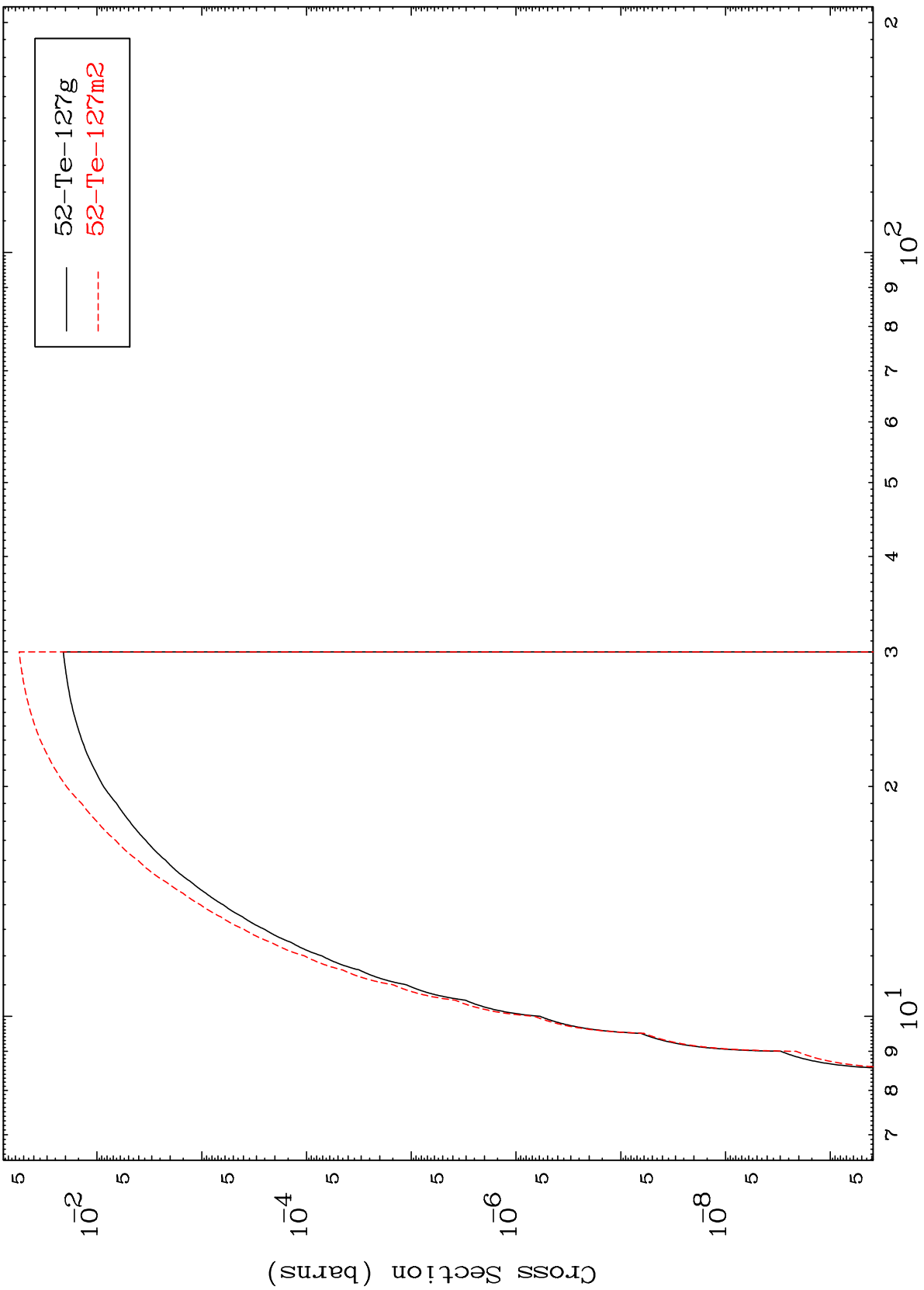
53-I -128



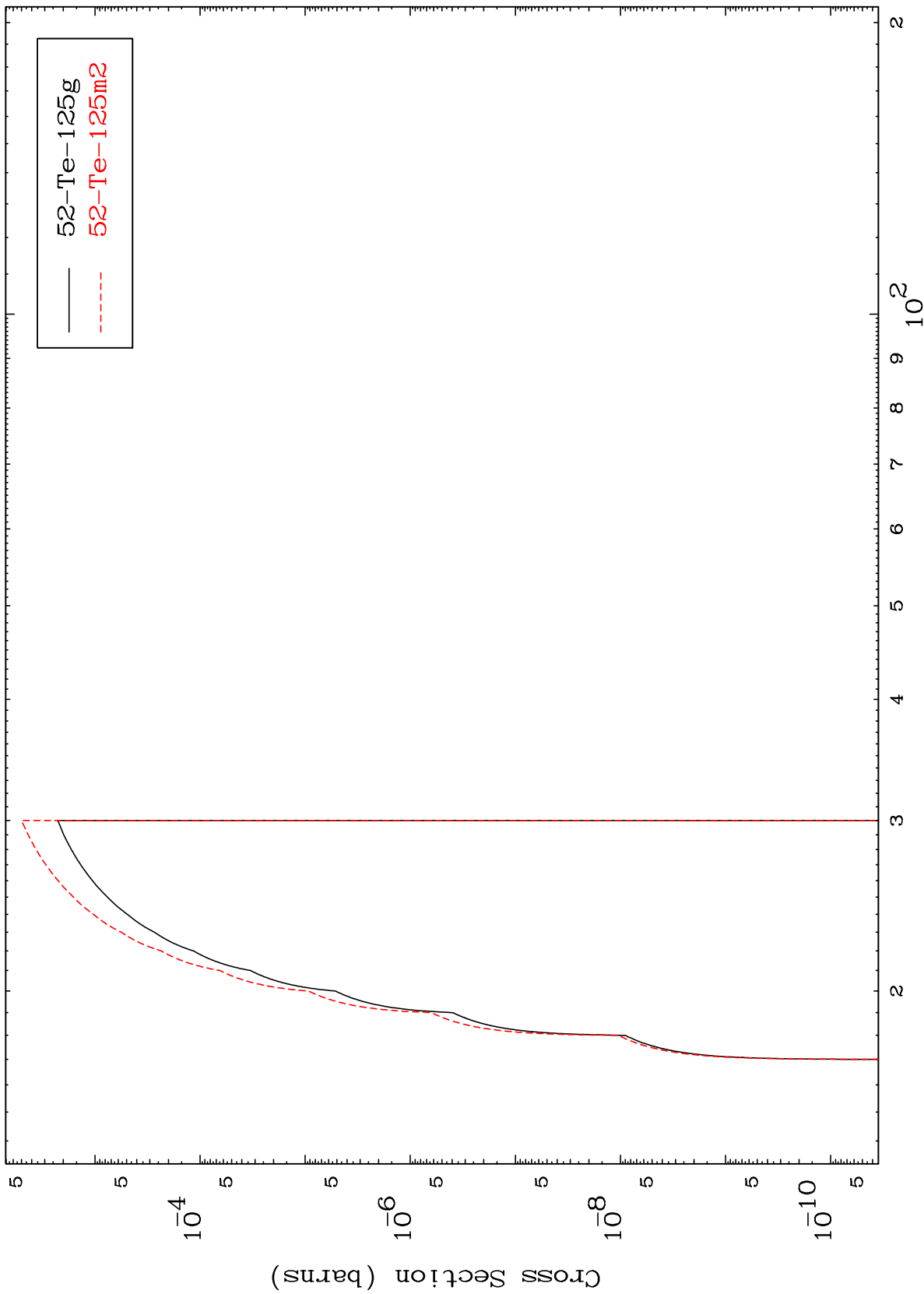
Radionuclide Production Cross Section



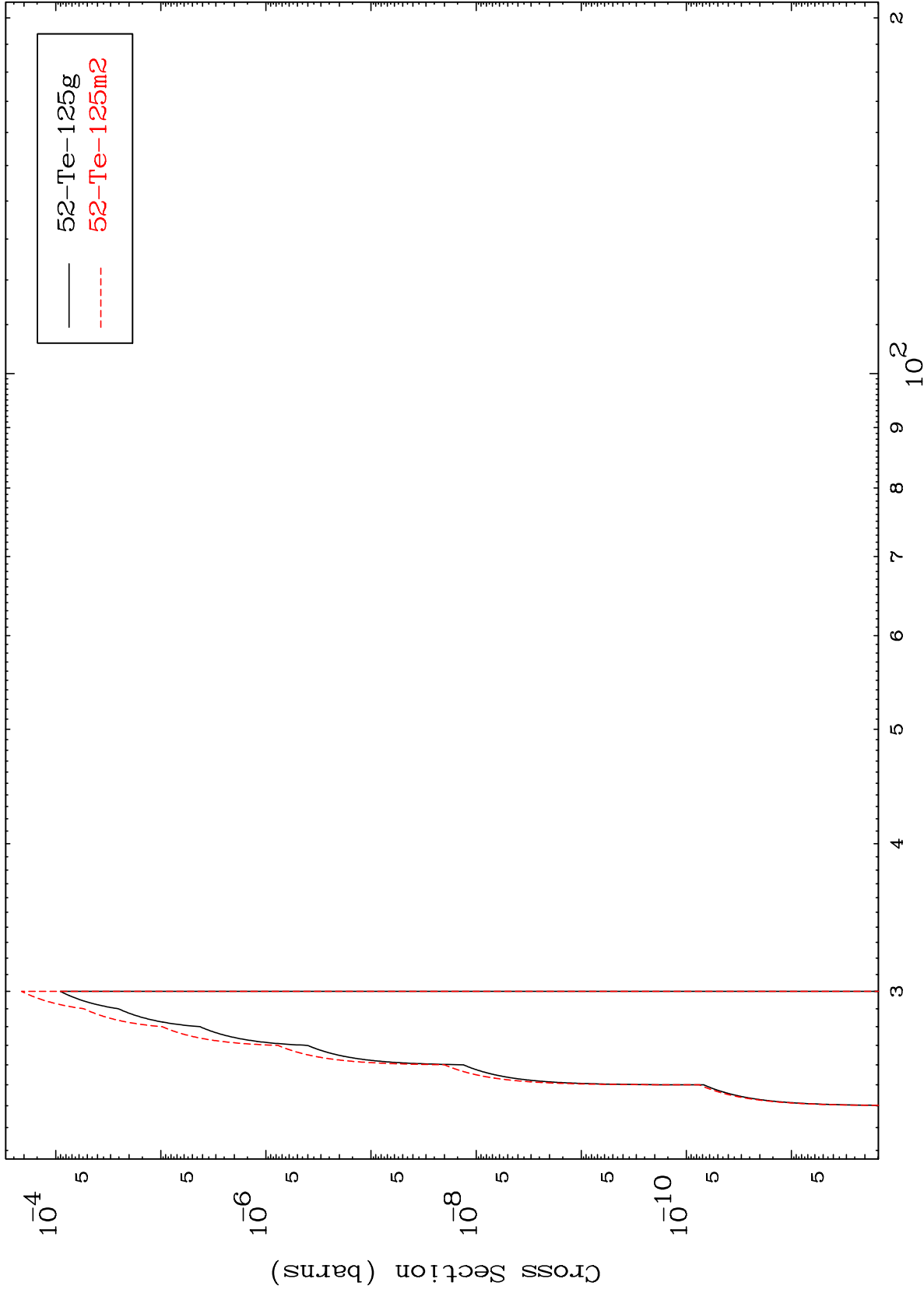
(n,n') p
Radionuclide Production Cross Section



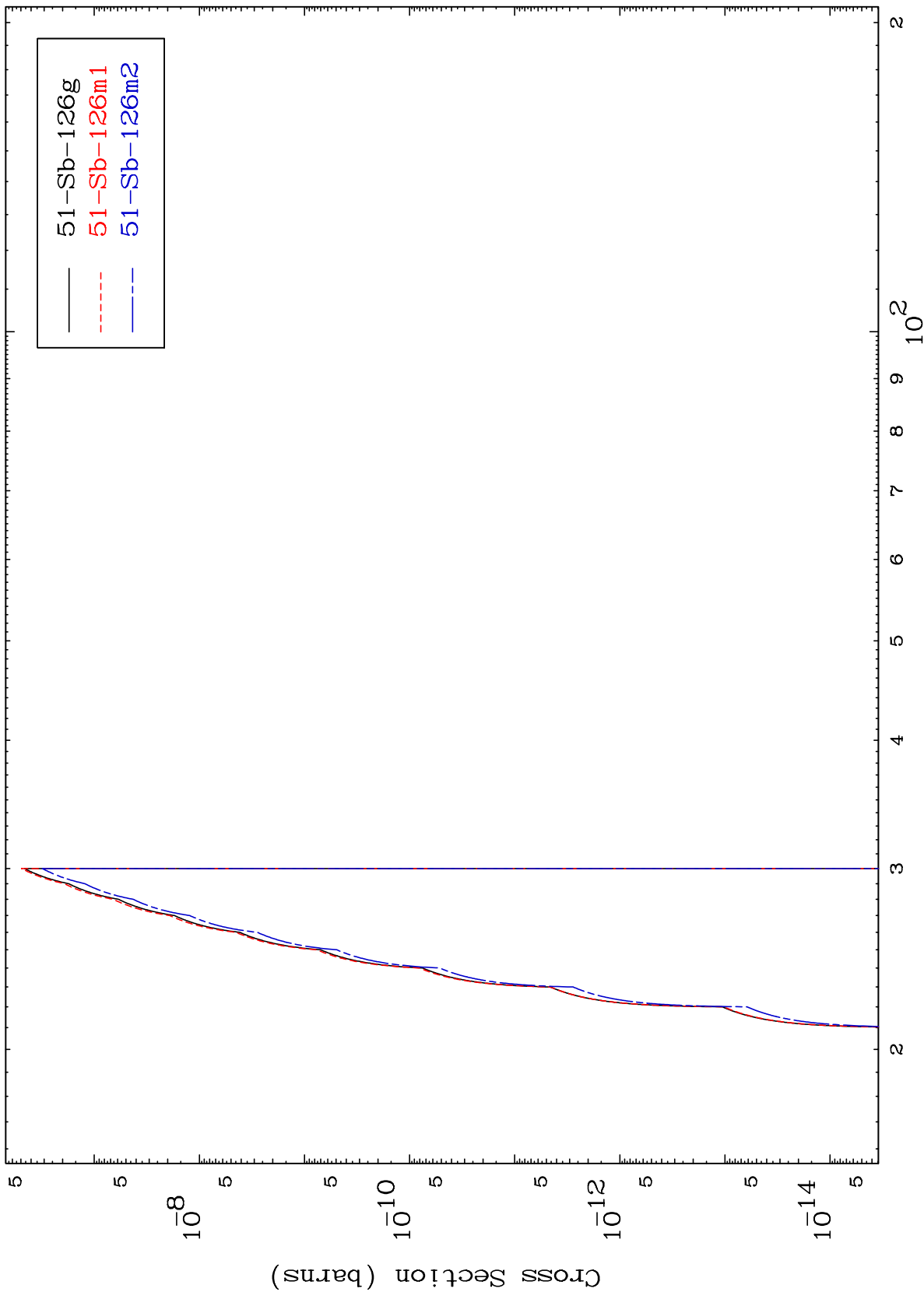
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

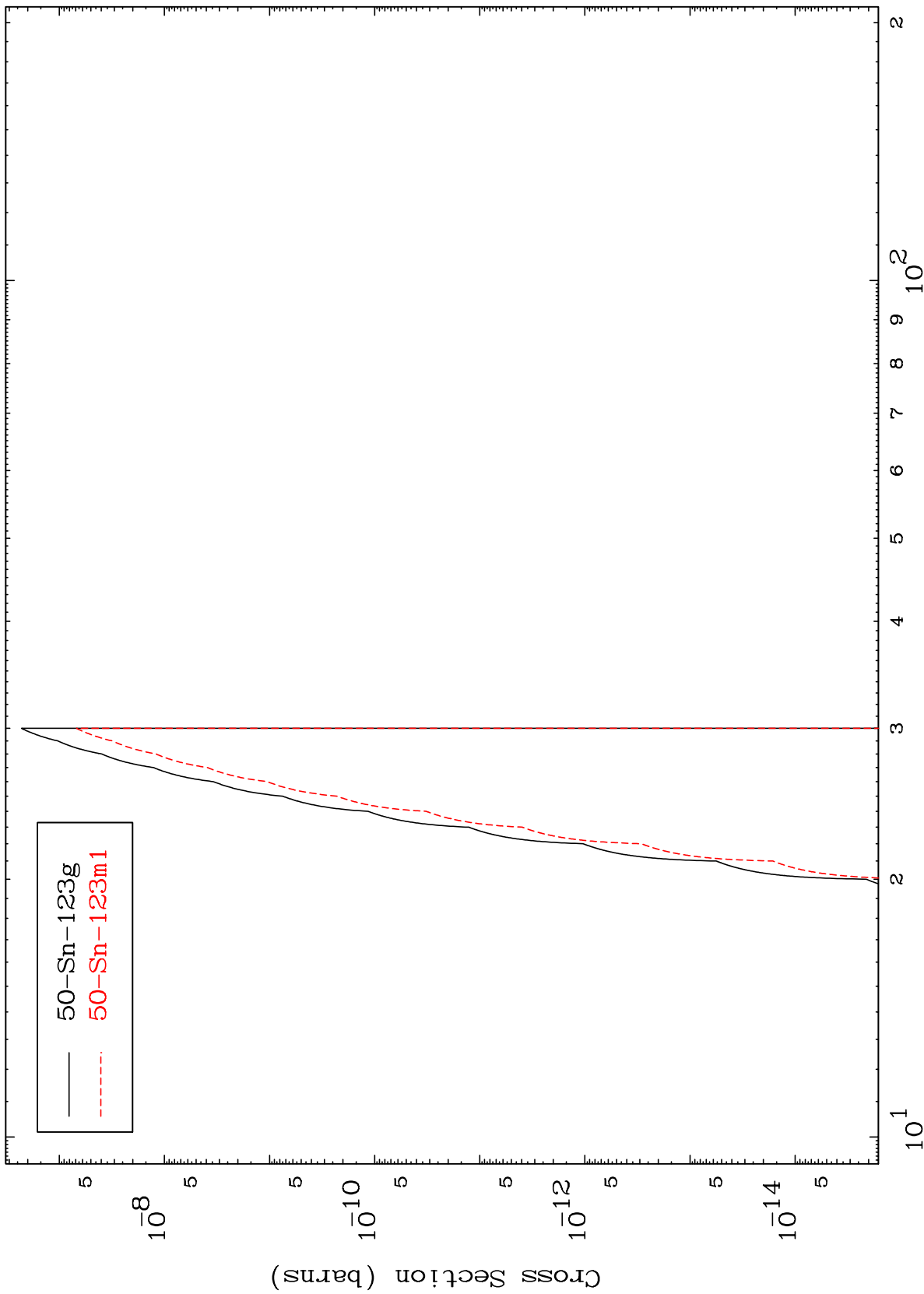


MAT 5328

(n,n') p α

53-I -128

Radionuclide Production Cross Section



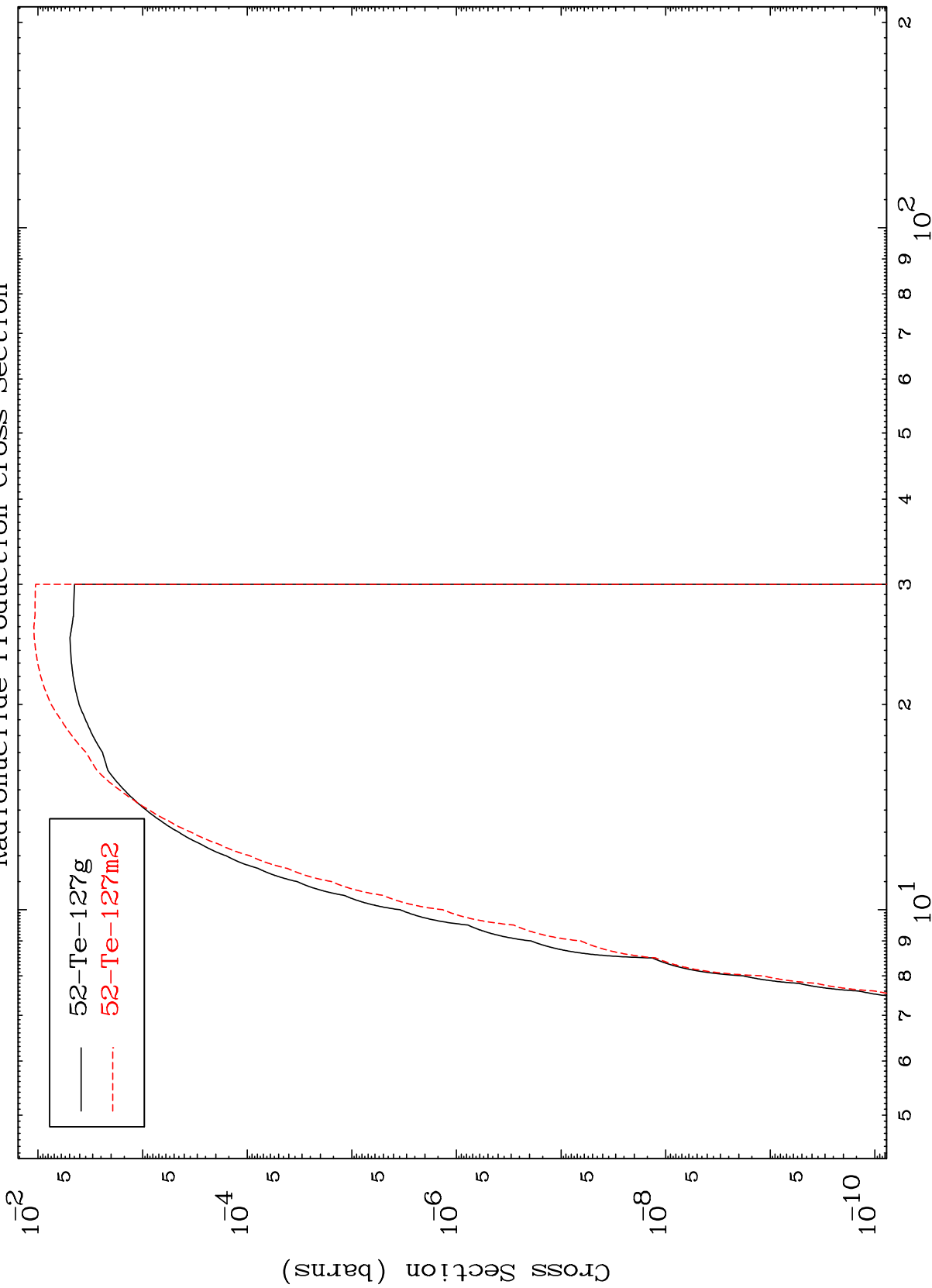
50-Sn-123g
50-Sn-123m1

131

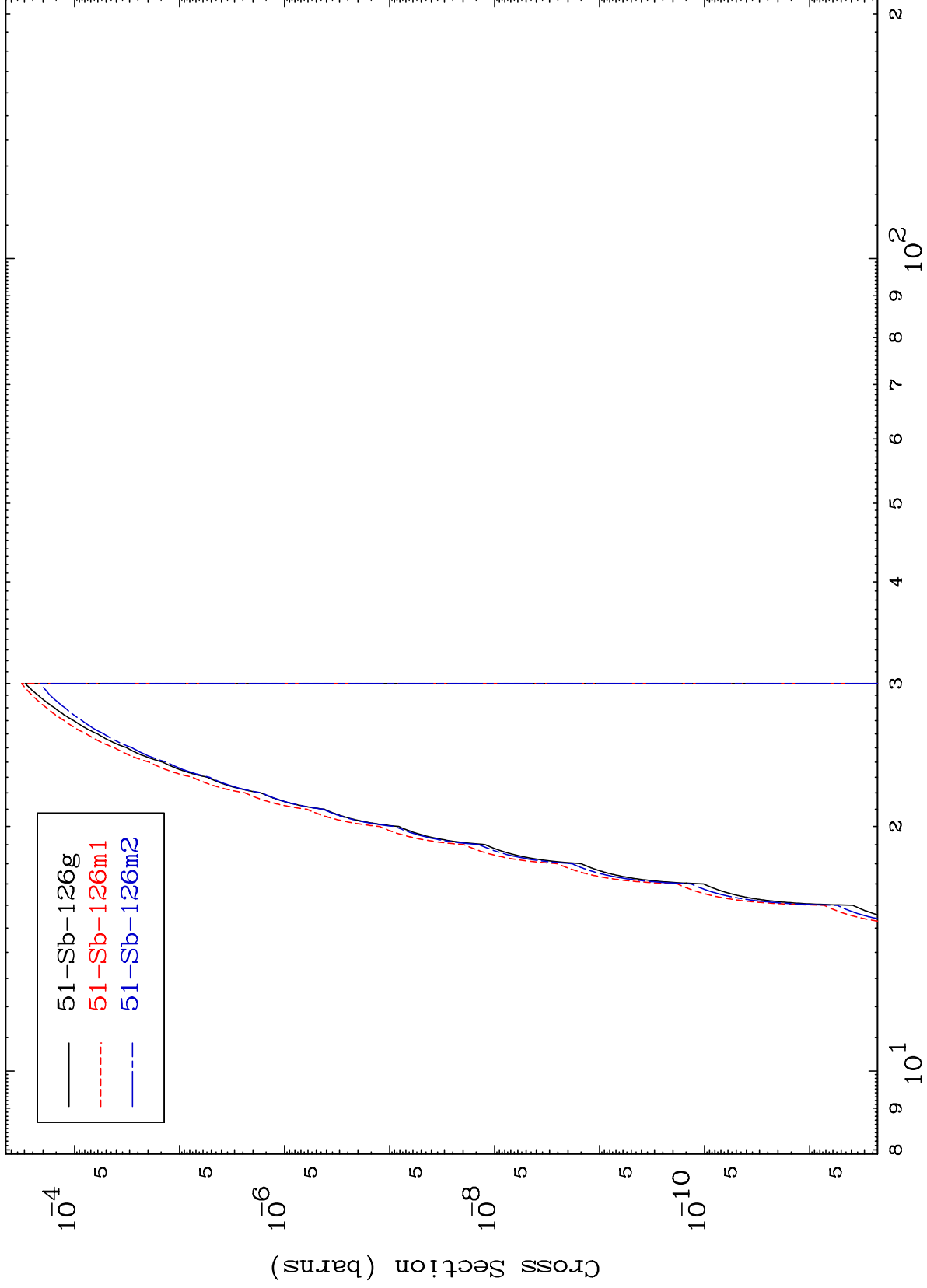
Incident Energy (MeV)

53-I -128

(n,d)
Radionuclide Production Cross Section



Radionuclide Production Cross Section

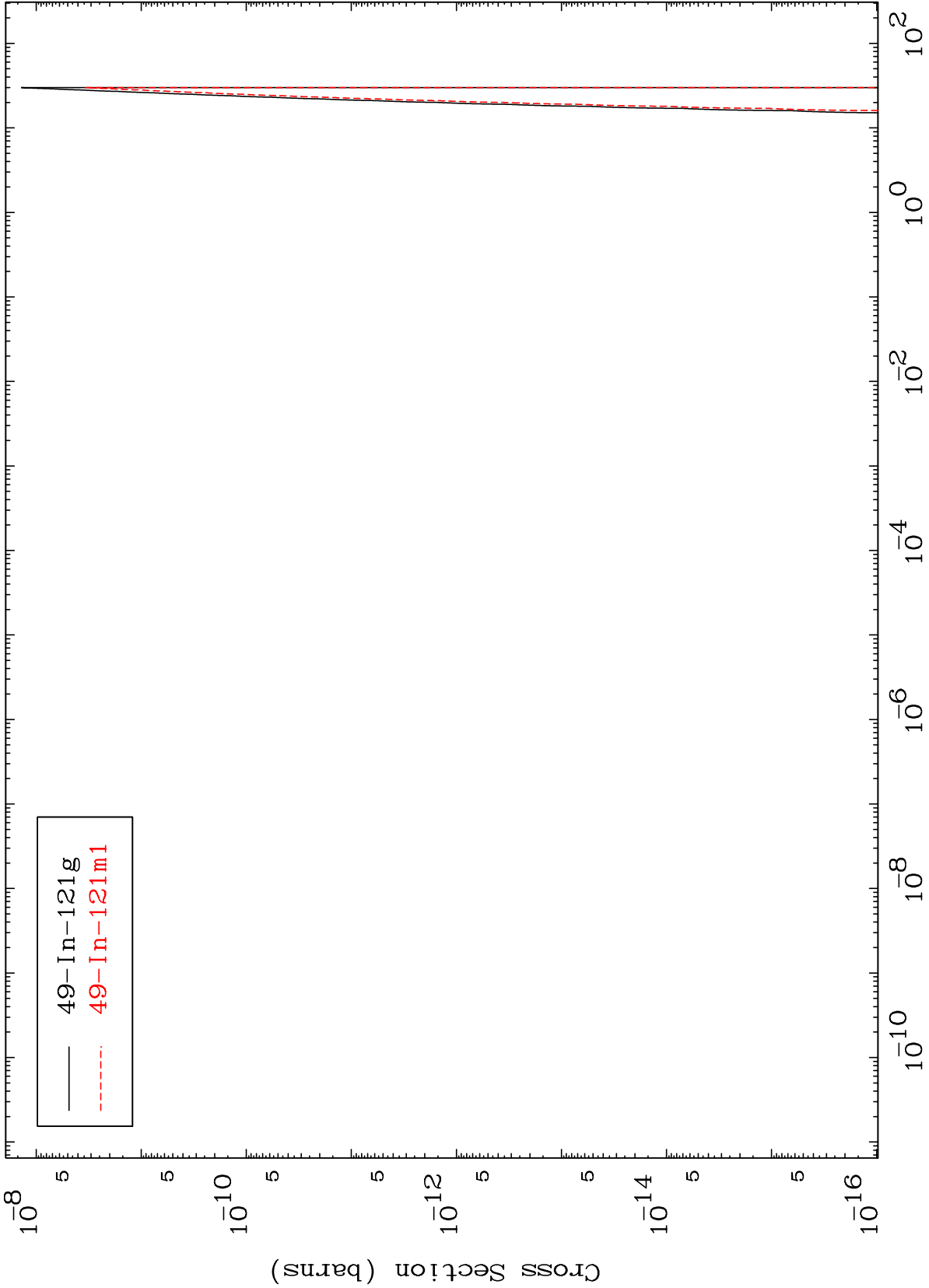


MAT 5328

(n,2α)

53-I -128

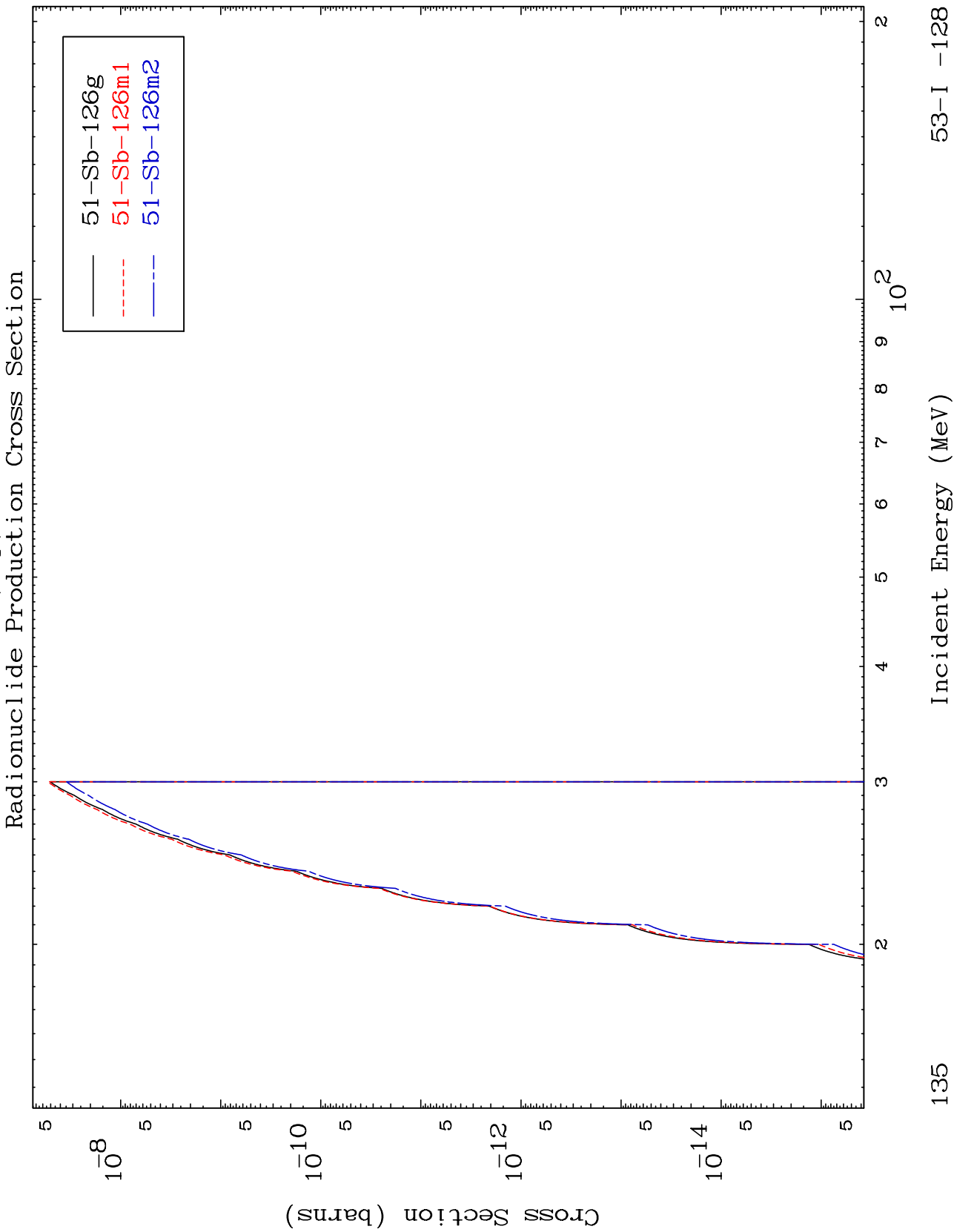
Radionuclide Production Cross Section



134

Incident Energy (MeV)

53-I -128



Radionuclide Production Cross Section

