

Program EVALPLOT
(Version 2018-1)

by

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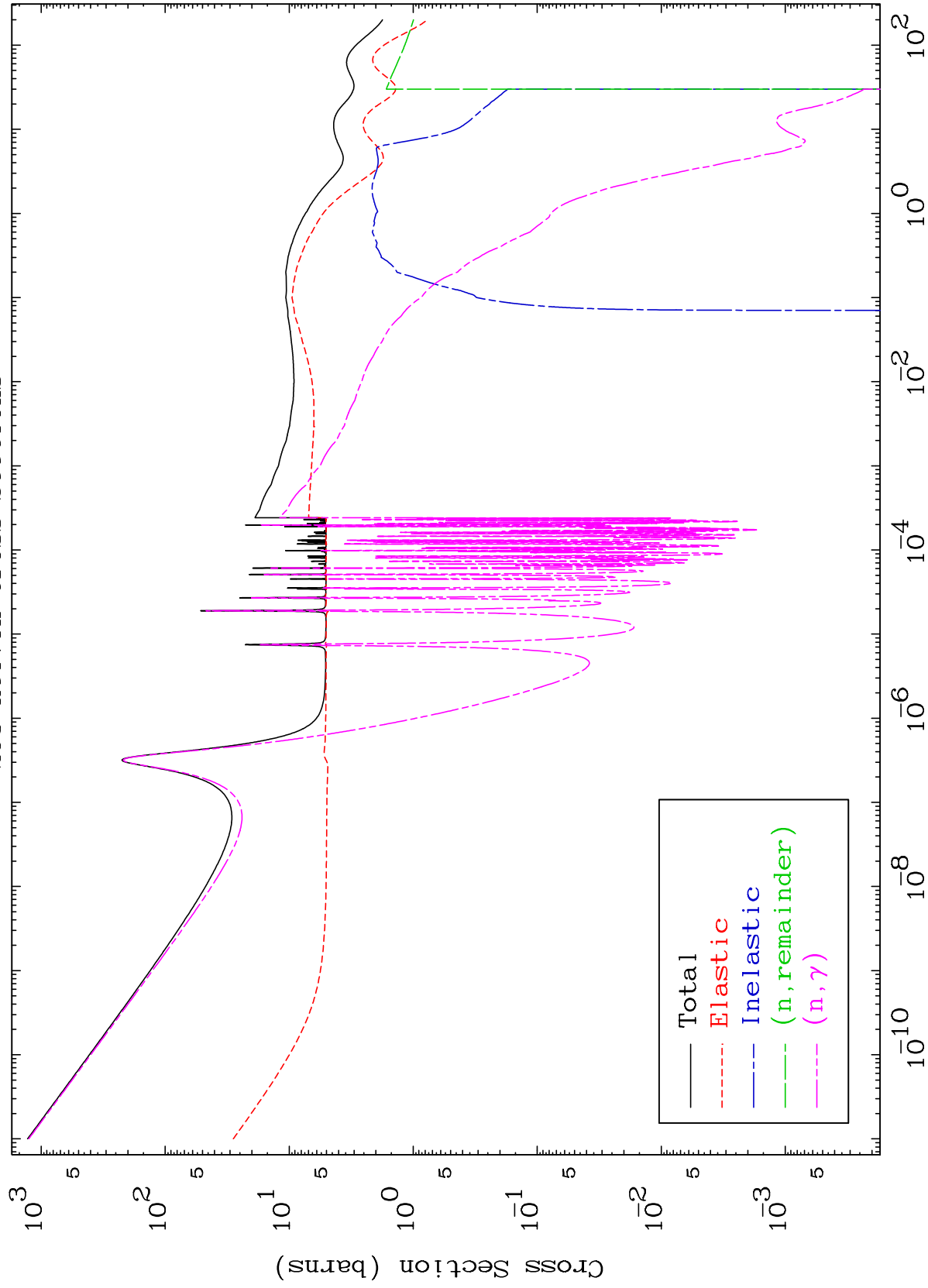
Press Mouse Button to Start

MAT 4340

Major

293 Kelvin Cross Sections

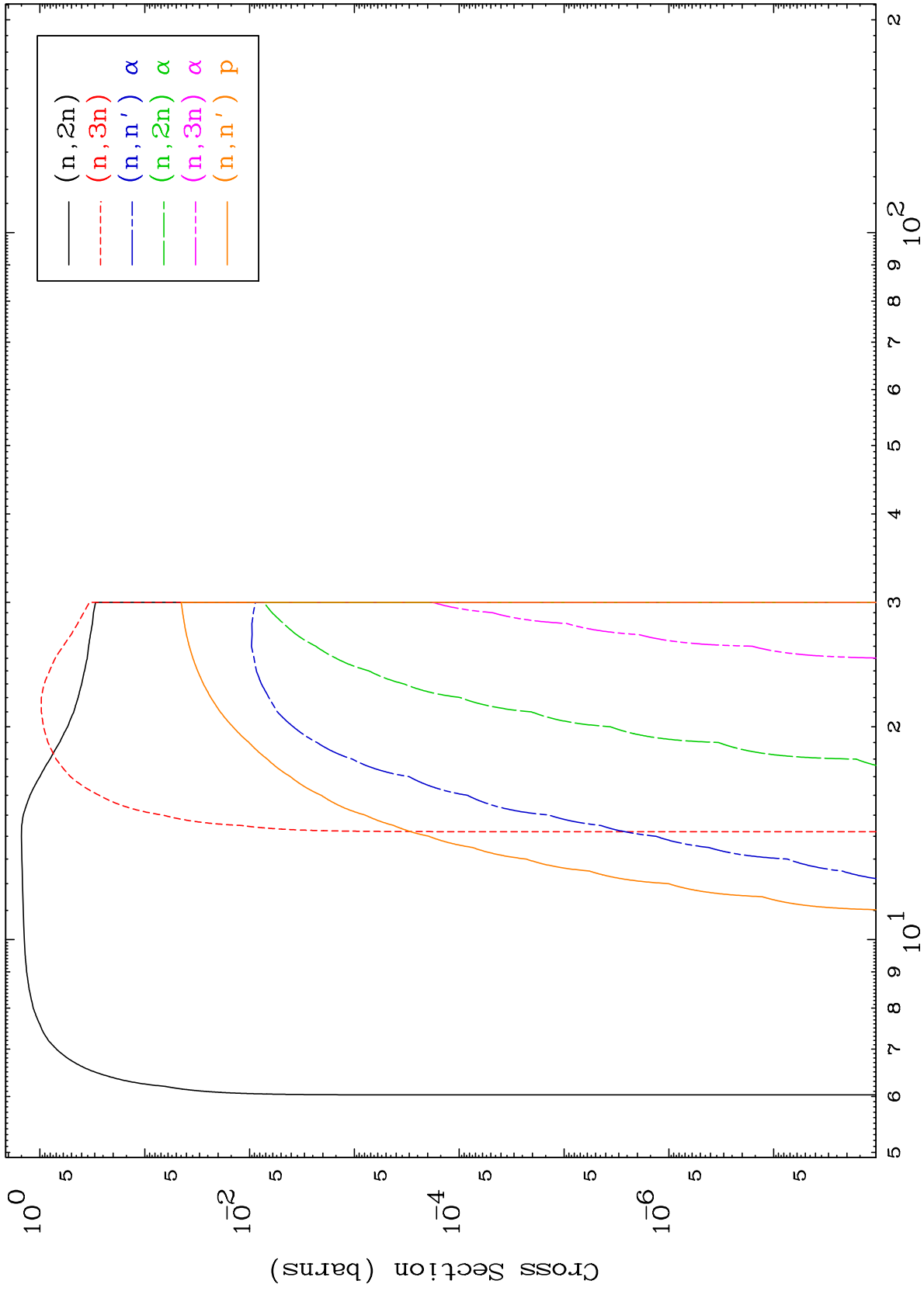
43-Tc-104



MAT 4340

Neutron Production
293 Kelvin Cross Sections

43-Tc-104



2

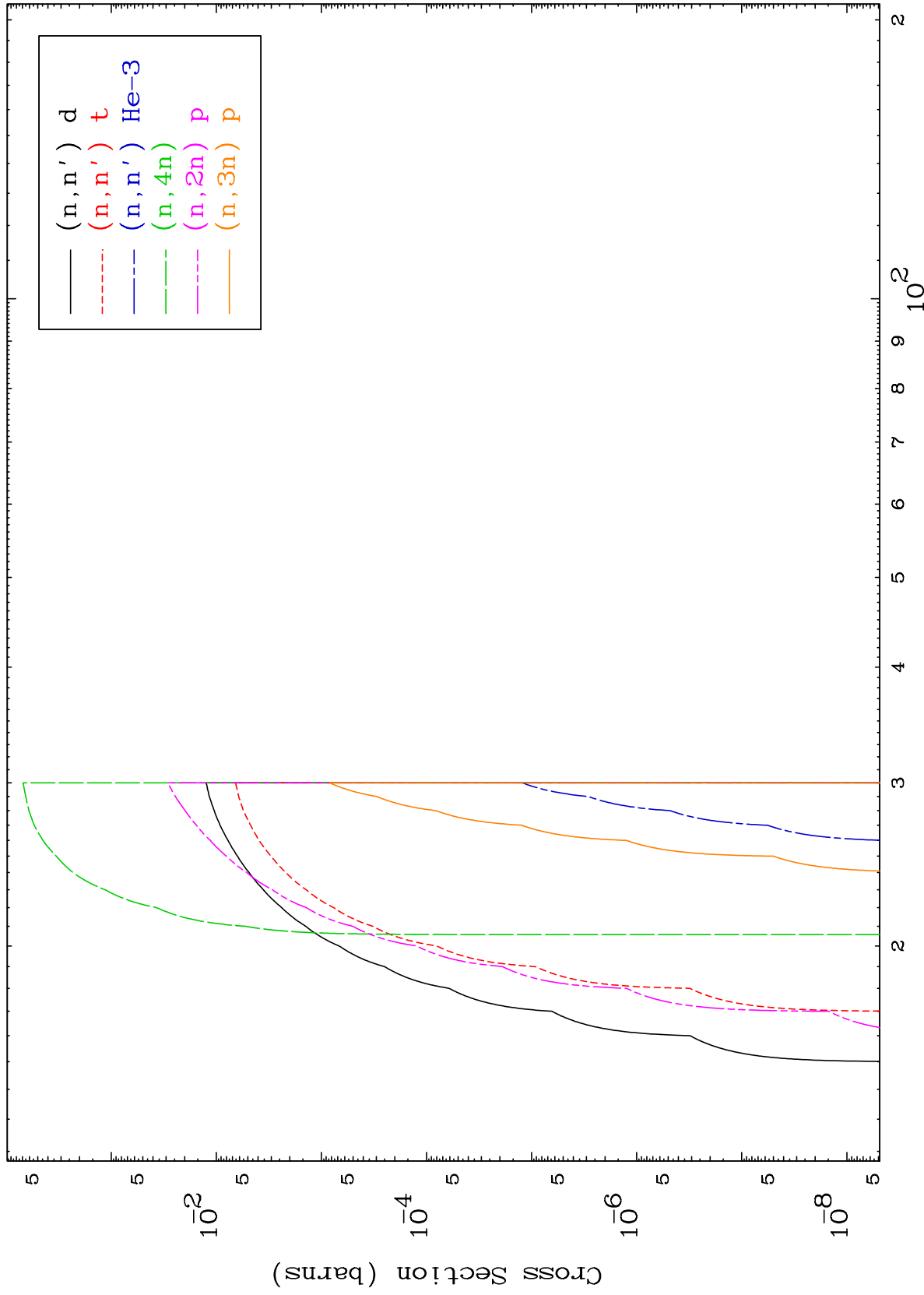
Incident Energy (MeV)

43-Tc-104

MAT 4340

Neutron Production
293 Kelvin Cross Sections

43-Tc-104



3

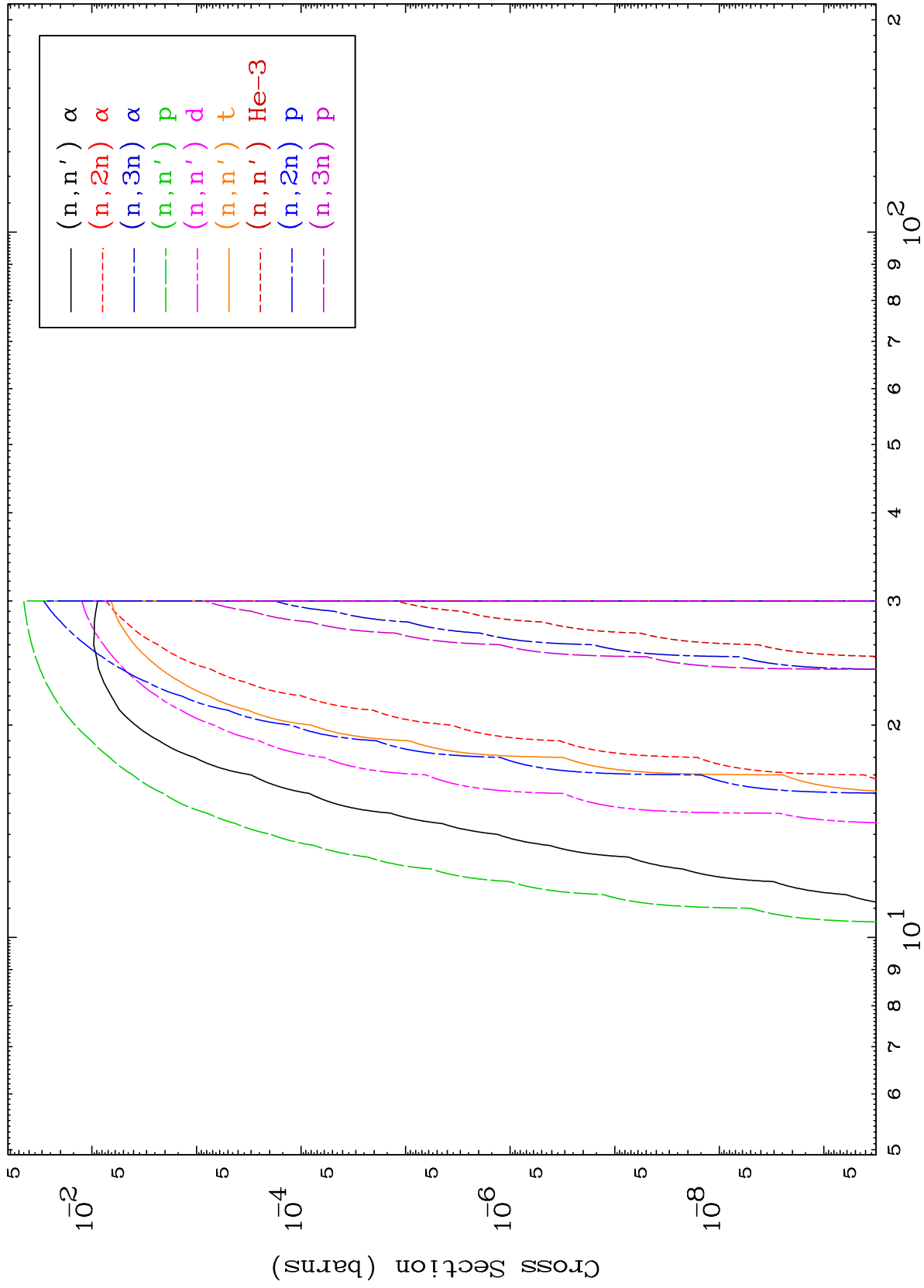
Incident Energy (MeV)

43-Tc-104

MAT 4340

Charged Particle
293 Kelvin Cross Sections

43-Tc-104



4

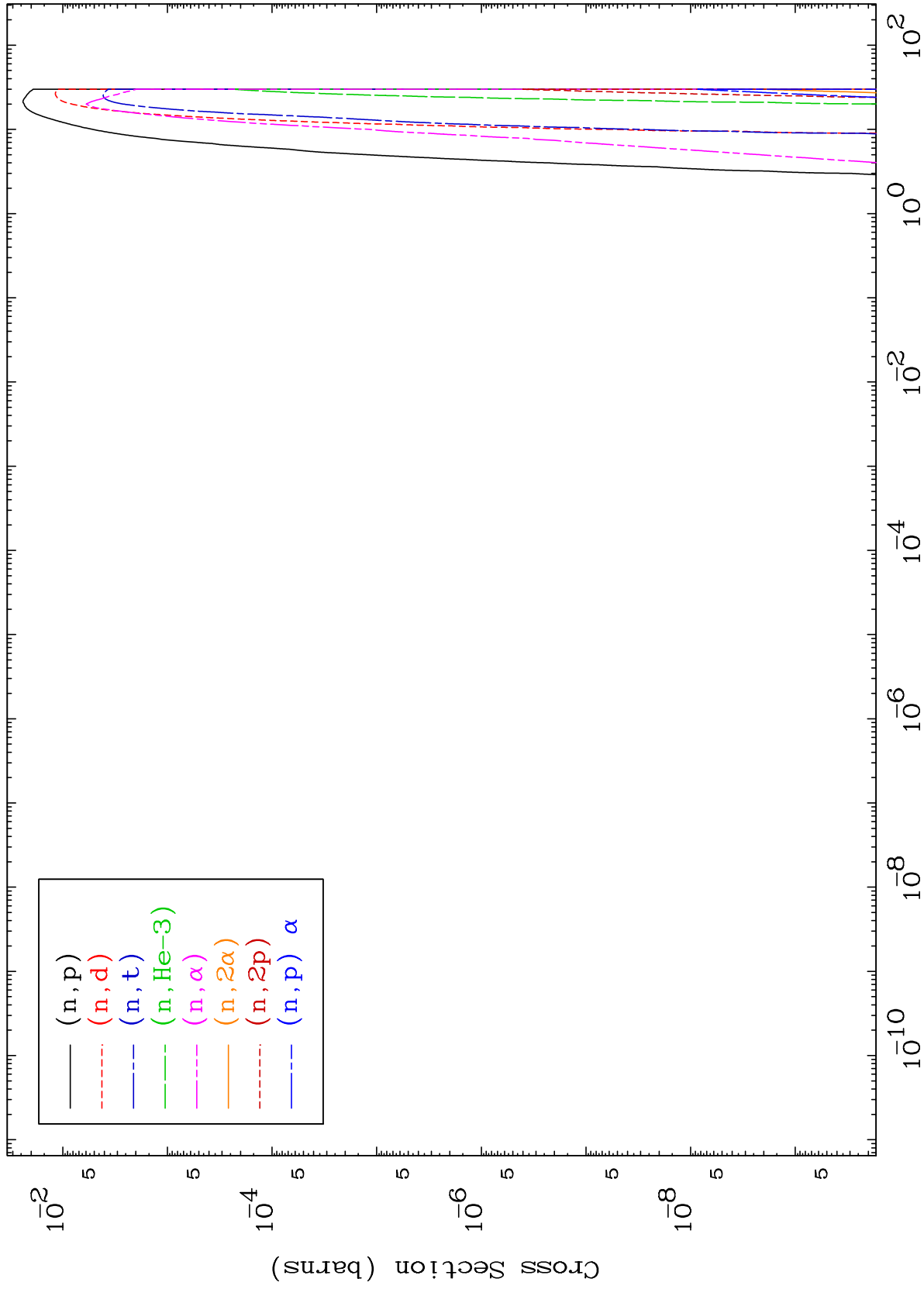
Incident Energy (MeV)

43-Tc-104

MAT 4340

Charged Particle
293 Kelvin Cross Sections

43-Tc-104



5

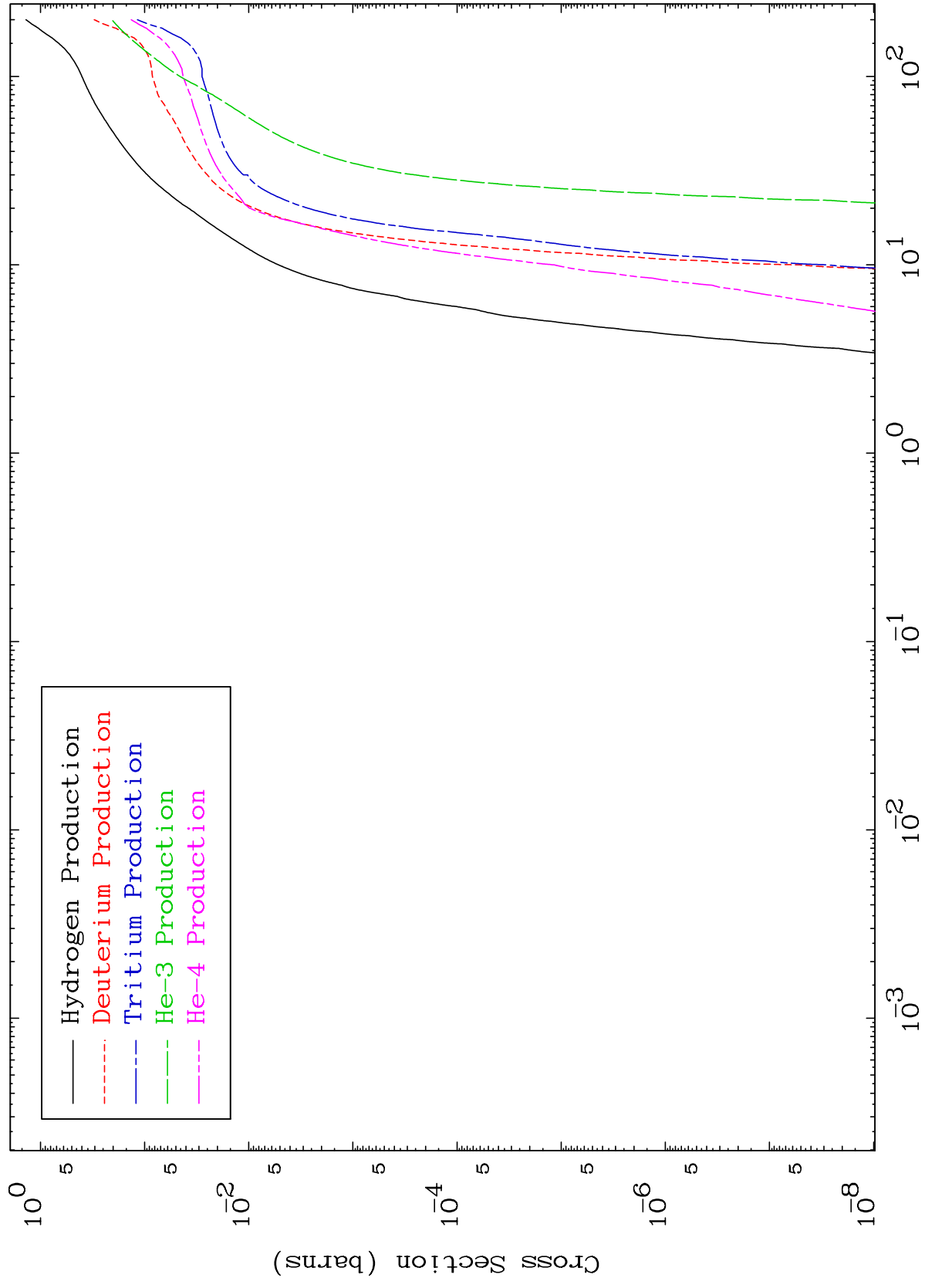
Incident Energy (MeV)

43-Tc-104

MAT 4340

Particle Production
293 Kelvin Cross Sections

43-Tc-104



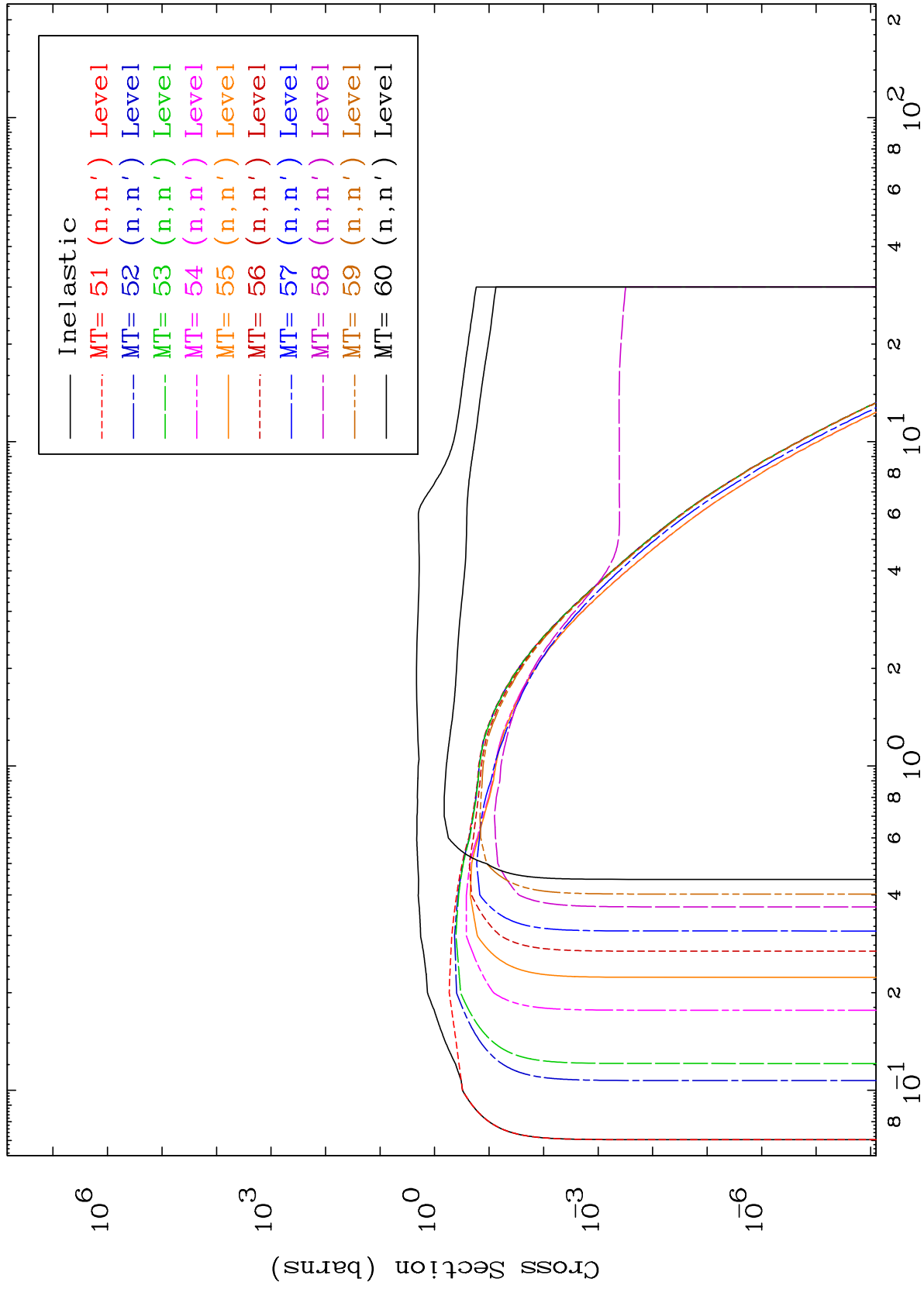
43-Tc-104

MAT 4340

(n,n') Level

43-Tc-104

293 Kelvin Cross Sections



7

Incident Energy (MeV)

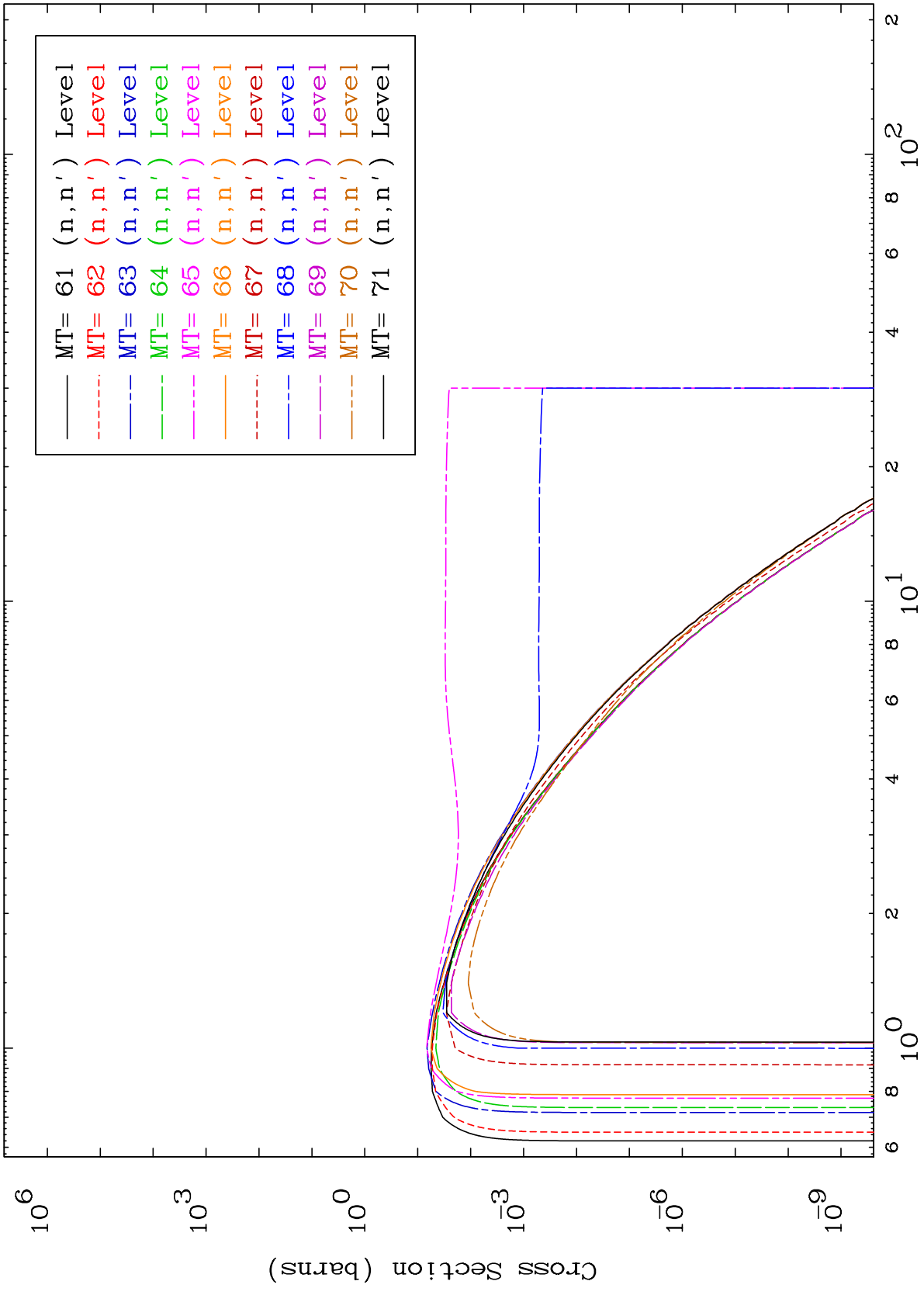
43-Tc-104

MAT 4340

(n,n') Level

43-Tc-104

293 Kelvin Cross Sections



8

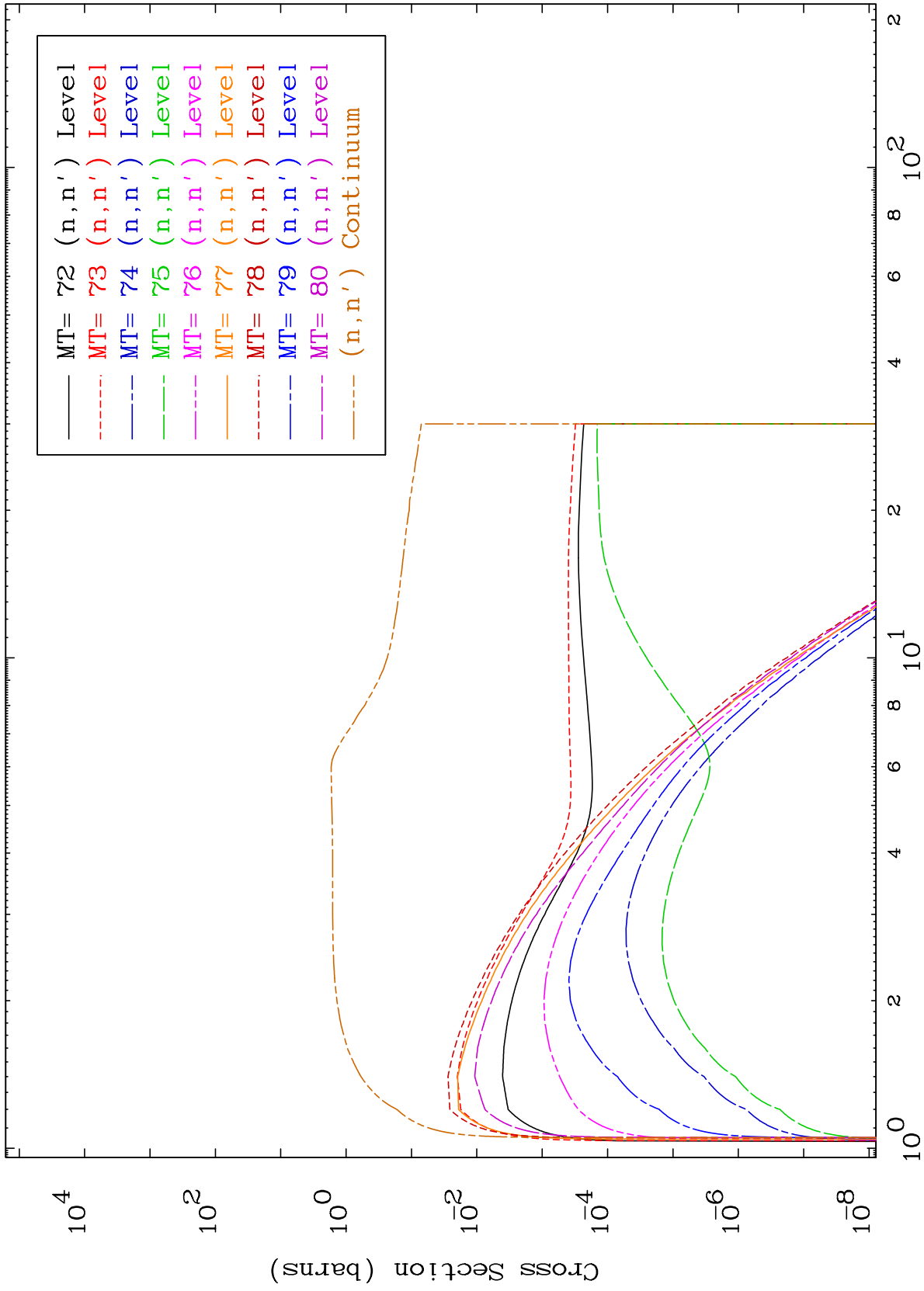
Incident Energy (MeV)

43-Tc-104

MAT 4340

(n,n') Level
293 Kelvin Cross Sections

43-Tc-104



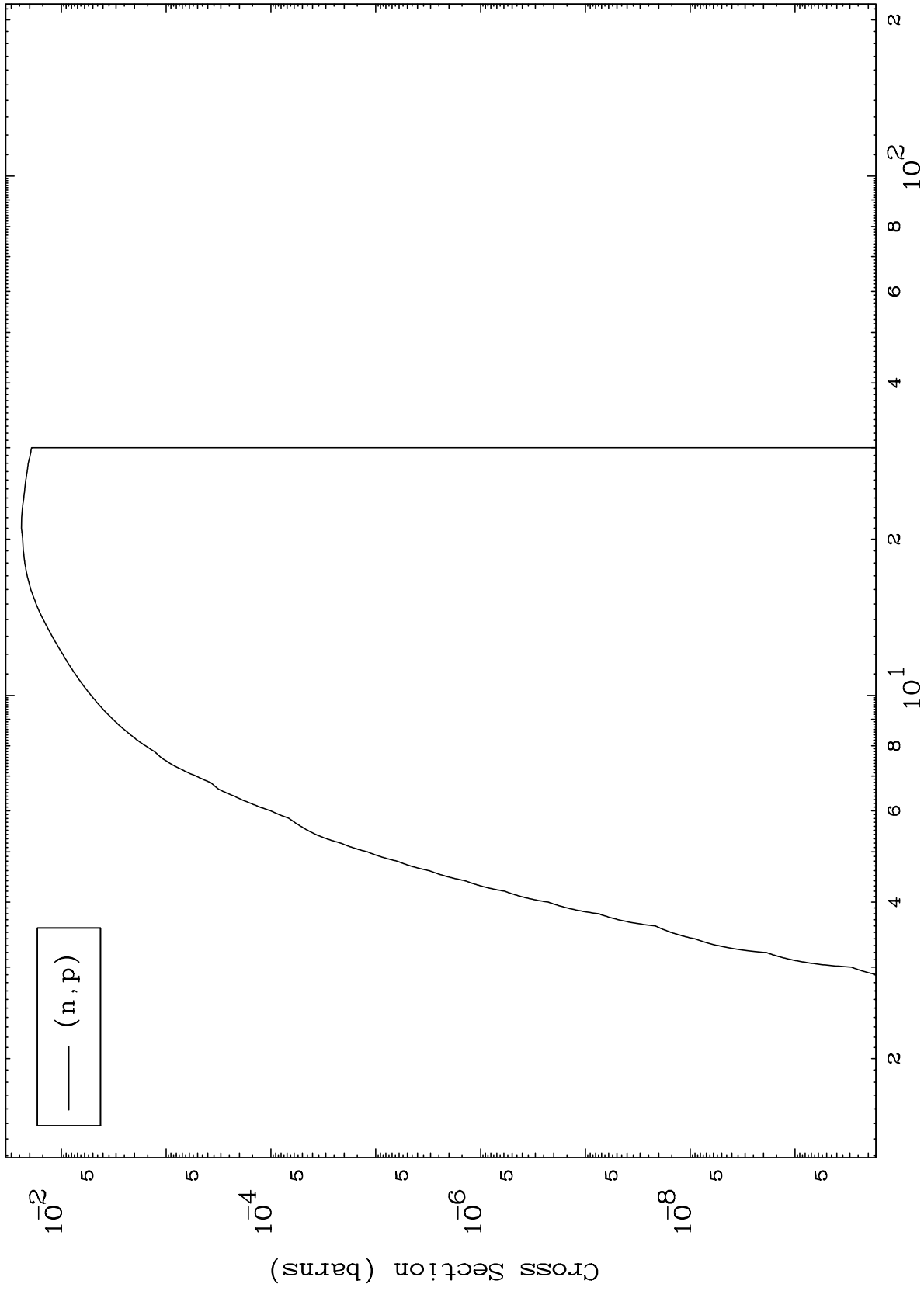
Incident Energy (MeV)

43-Tc-104

MAT 4340

(n,p) Levels
293 Kelvin Cross Sections

43-Tc-104



10

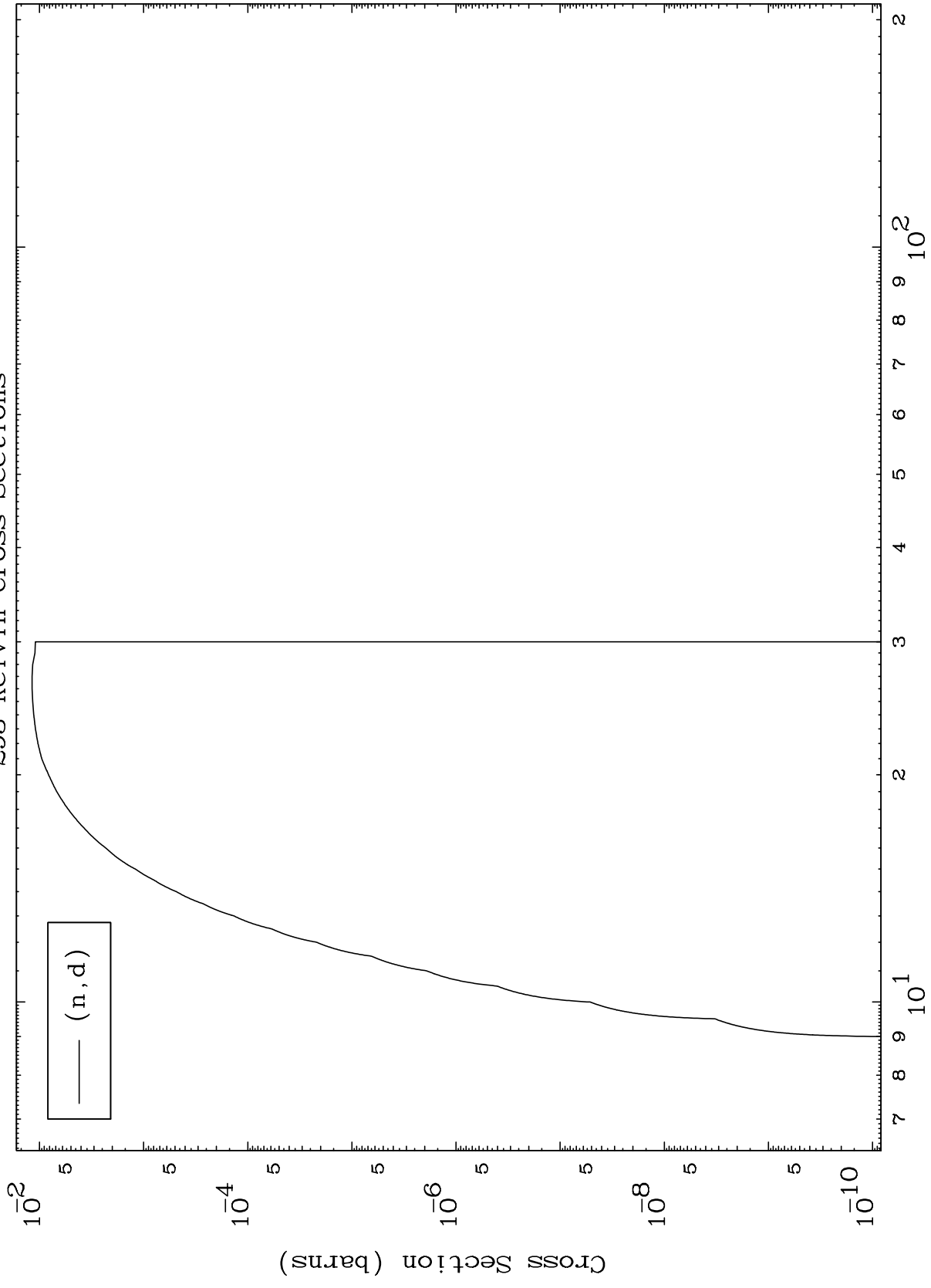
Incident Energy (MeV)

43-Tc-104

MAT 4340

(n,d) Levels
293 Kelvin Cross Sections

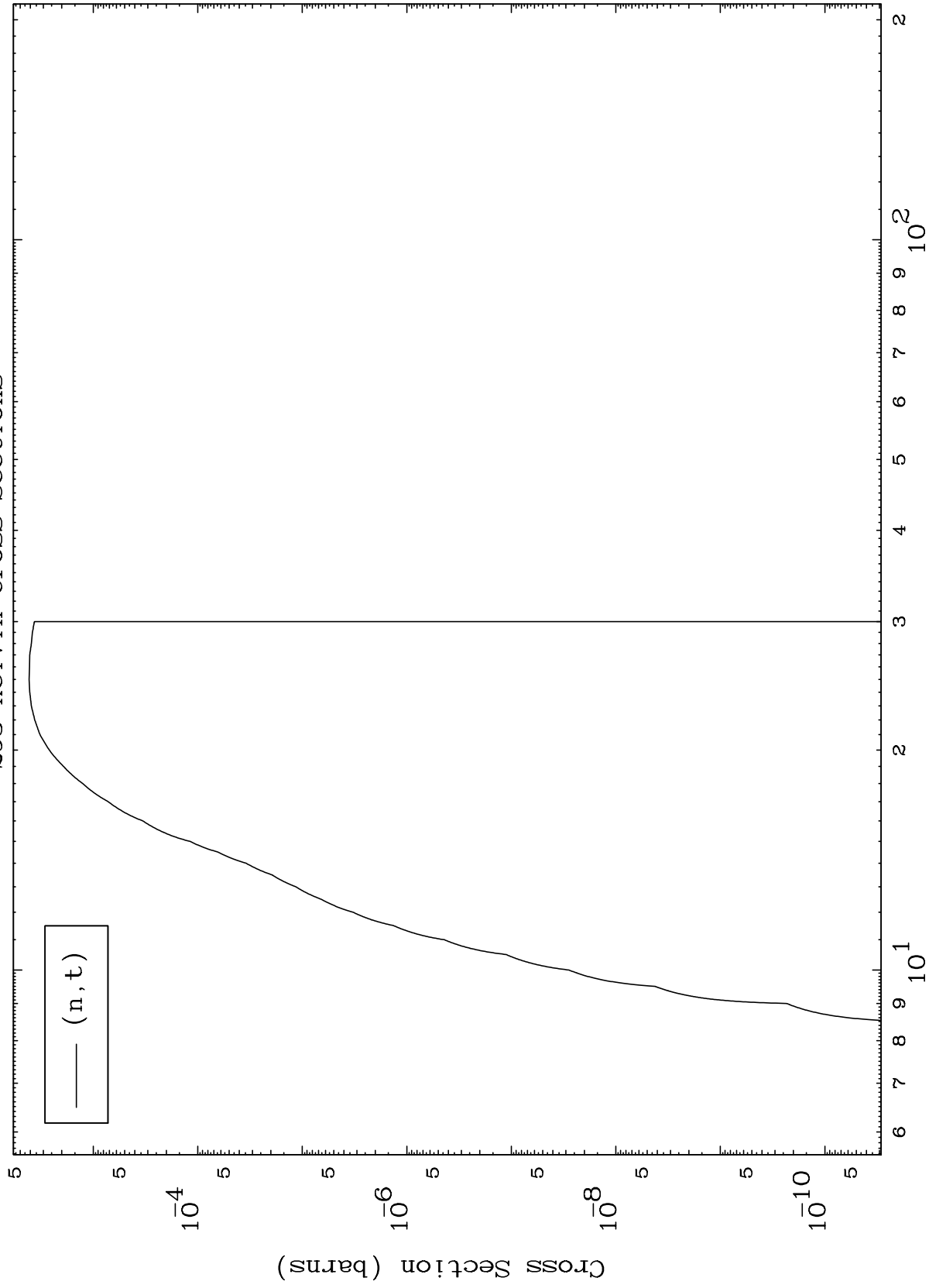
43-Tc-104



MAT 4340

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-104



12

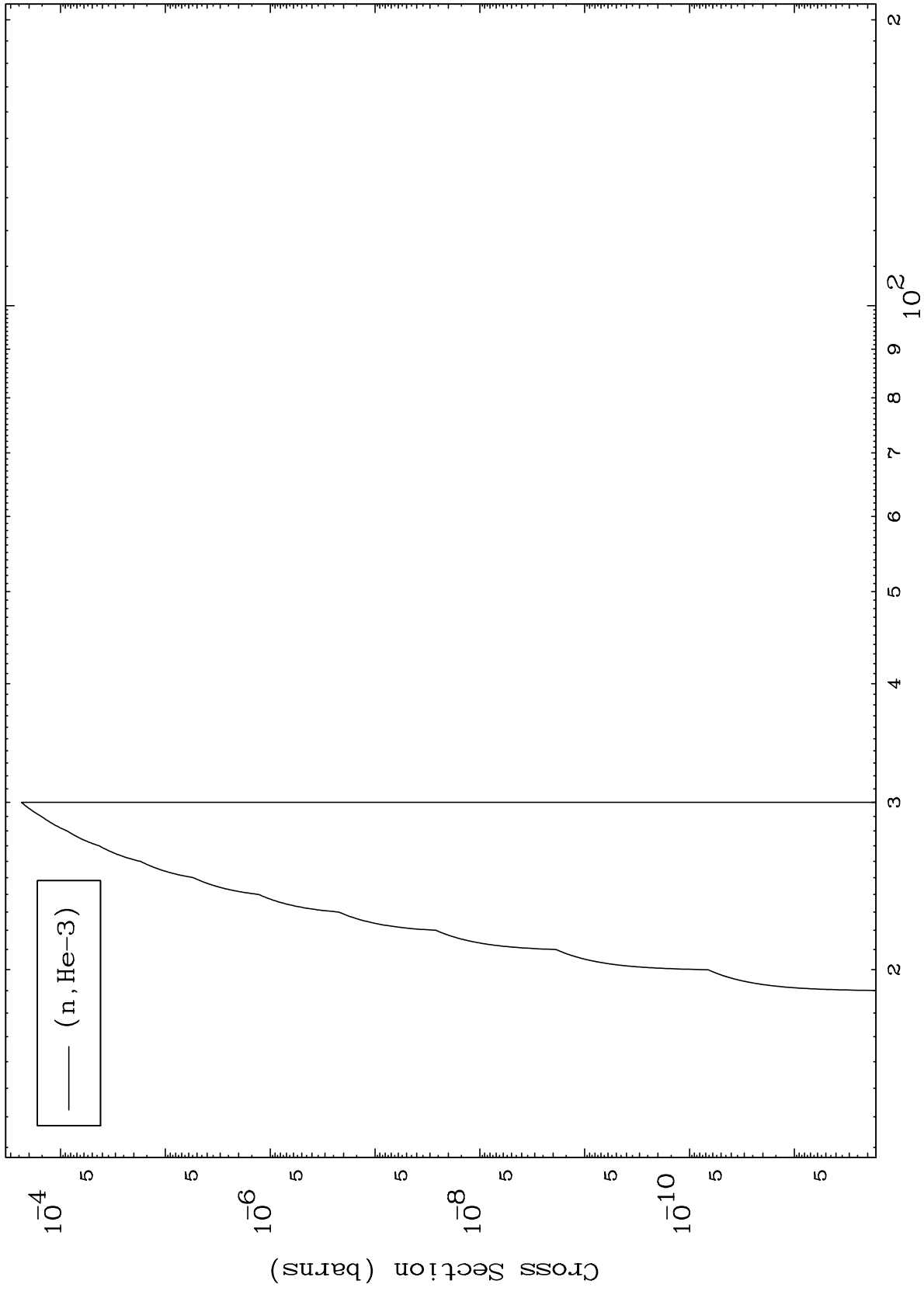
Incident Energy (MeV)

43-Tc-104

MAT 4340

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-104



13

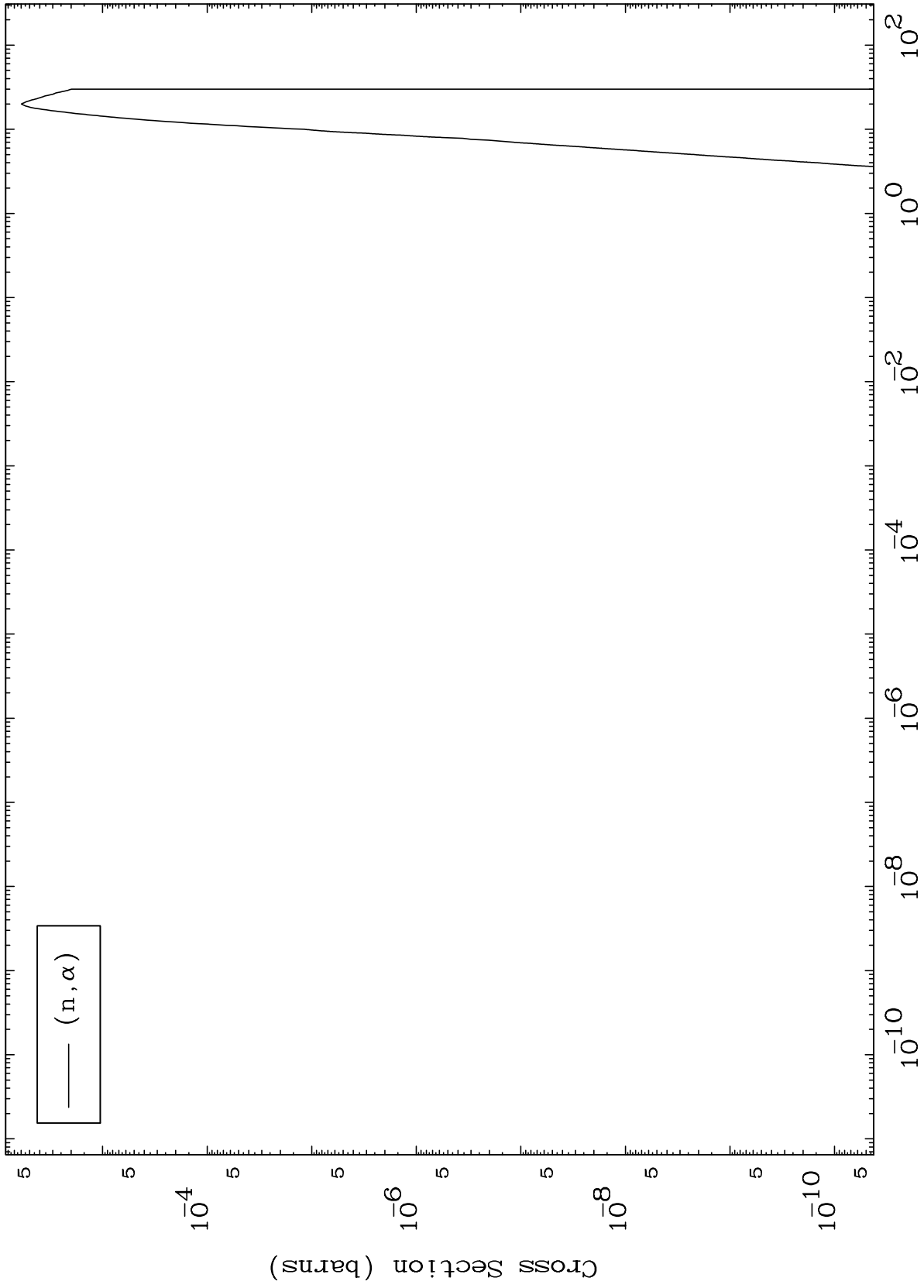
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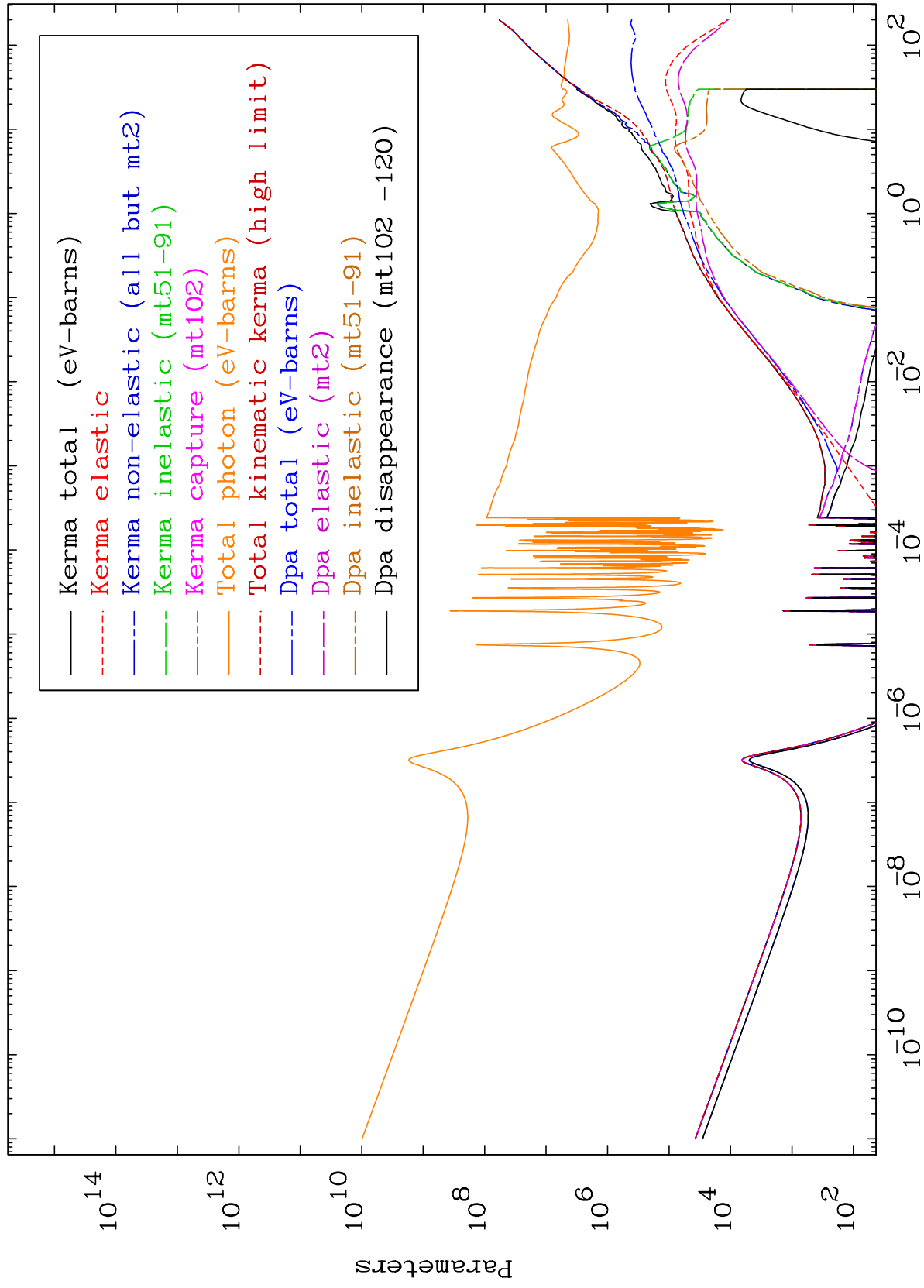
43-Tc-104

MAT 4340

(n,α) Levels
293 Kelvin Cross Sections

43-Tc-104

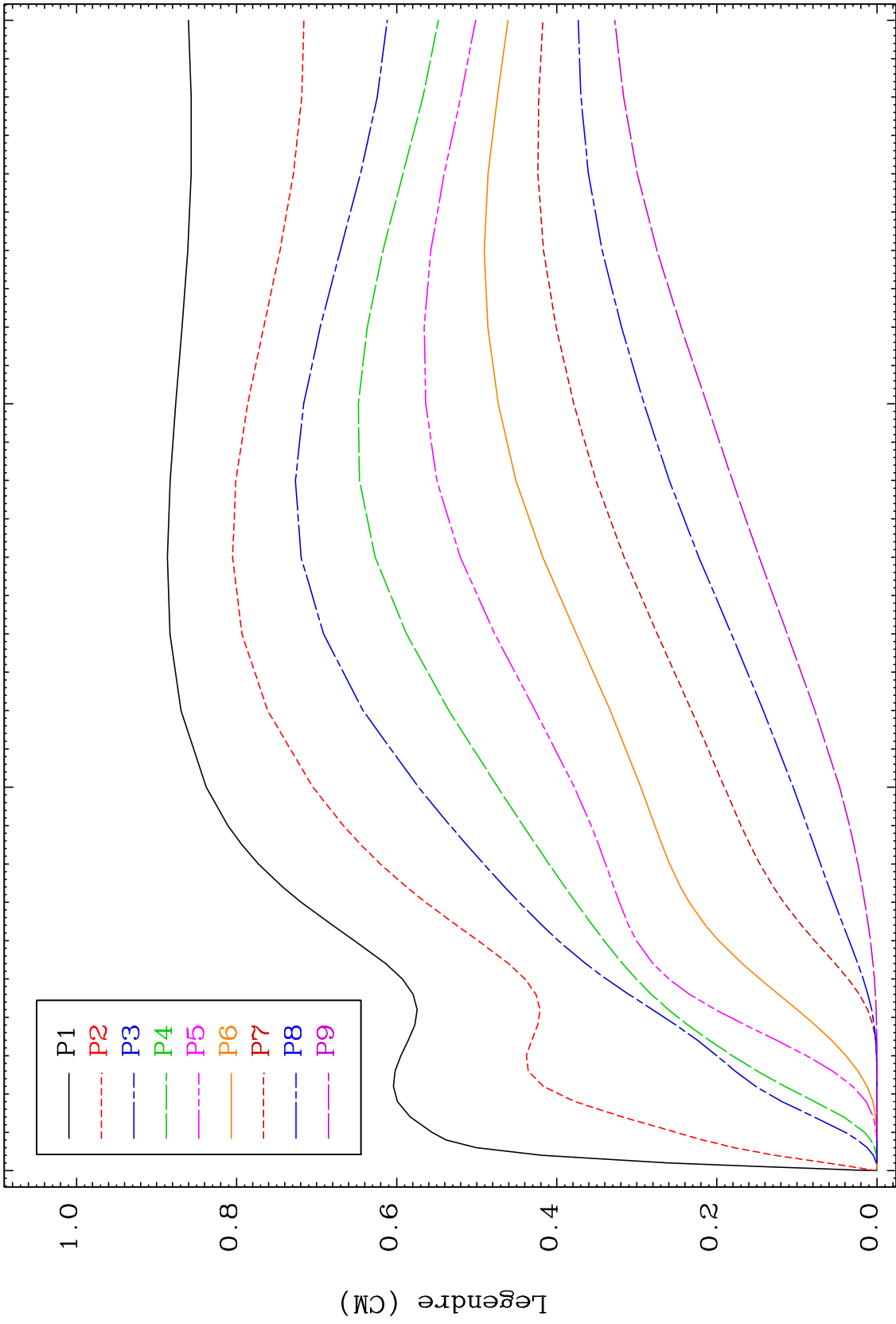




MAT 4340

Elastic Legendre Coefficients

43-Tc-104



16

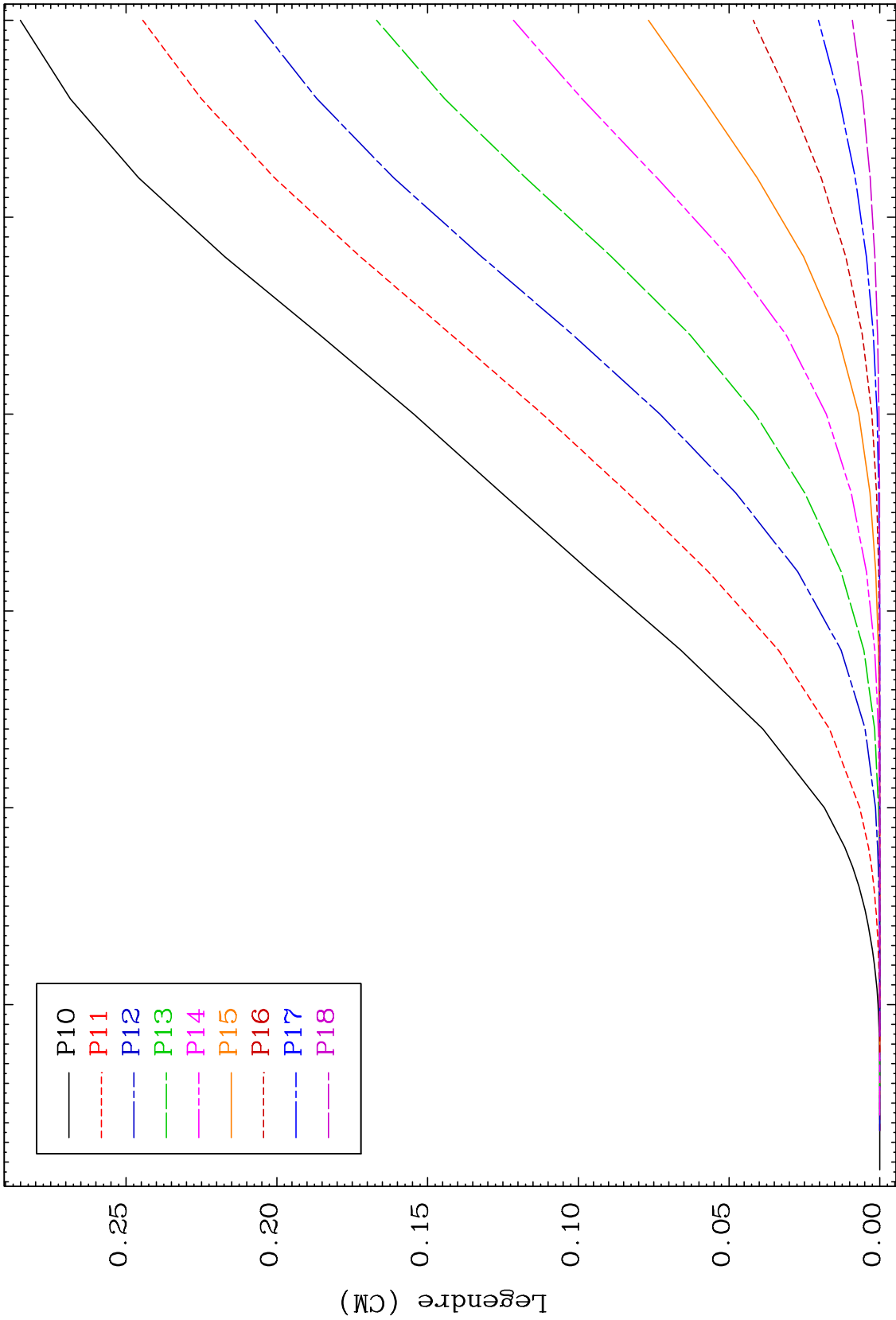
Incident Energy (MeV)

43-Tc-104

MAT 4340

Elastic Legendre Coefficients

43-Tc-104



17

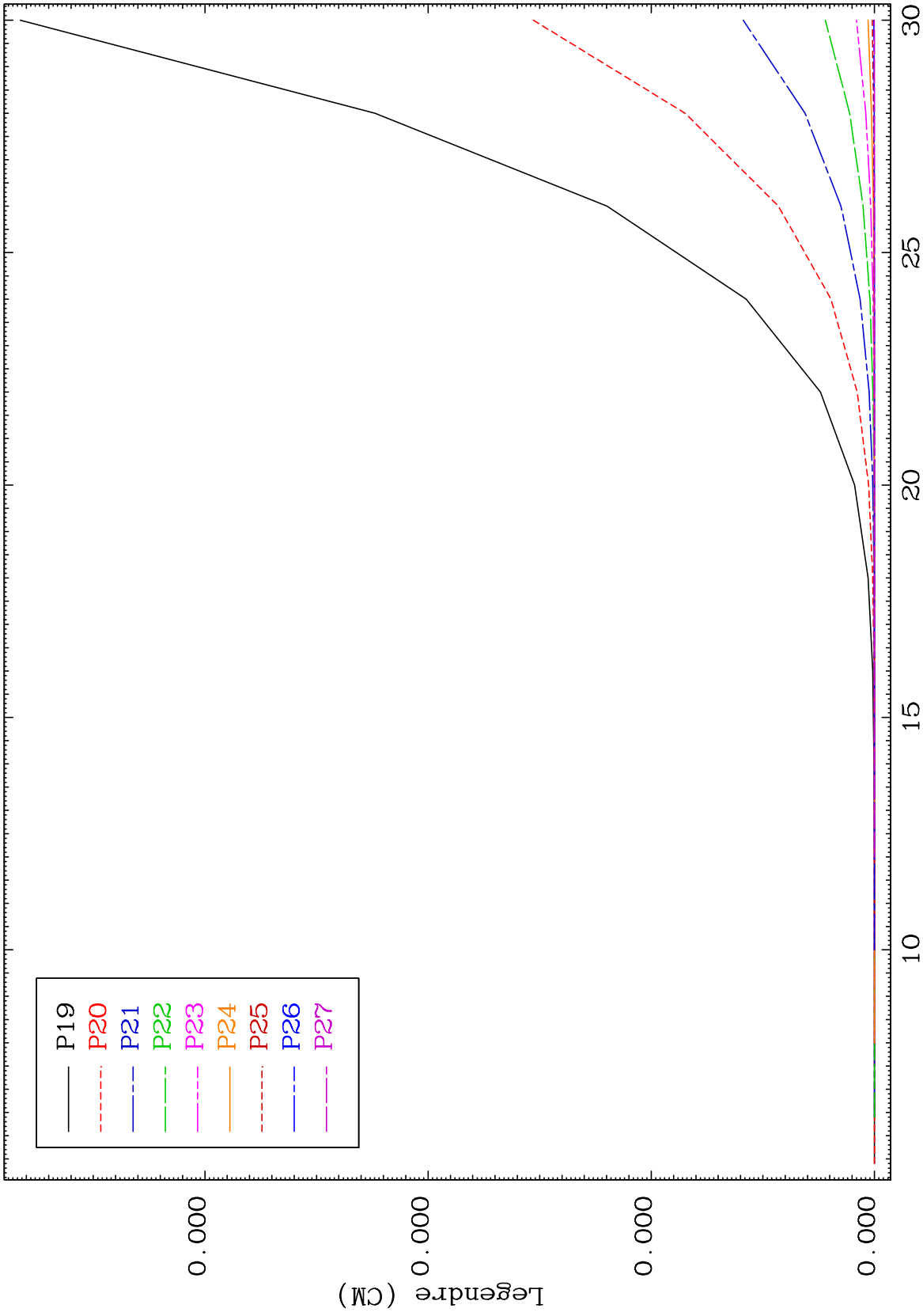
Incident Energy (MeV)

43-Tc-104

MAT 4340

Elastic Legendre Coefficients

43-Tc-104



18

Incident Energy (MeV)

43-Tc-104

MAT 4340

Elastic Legendre Coefficients

43-Tc-104

$\times 10^{-7}$
0.5

Legendre (CM)

15

20

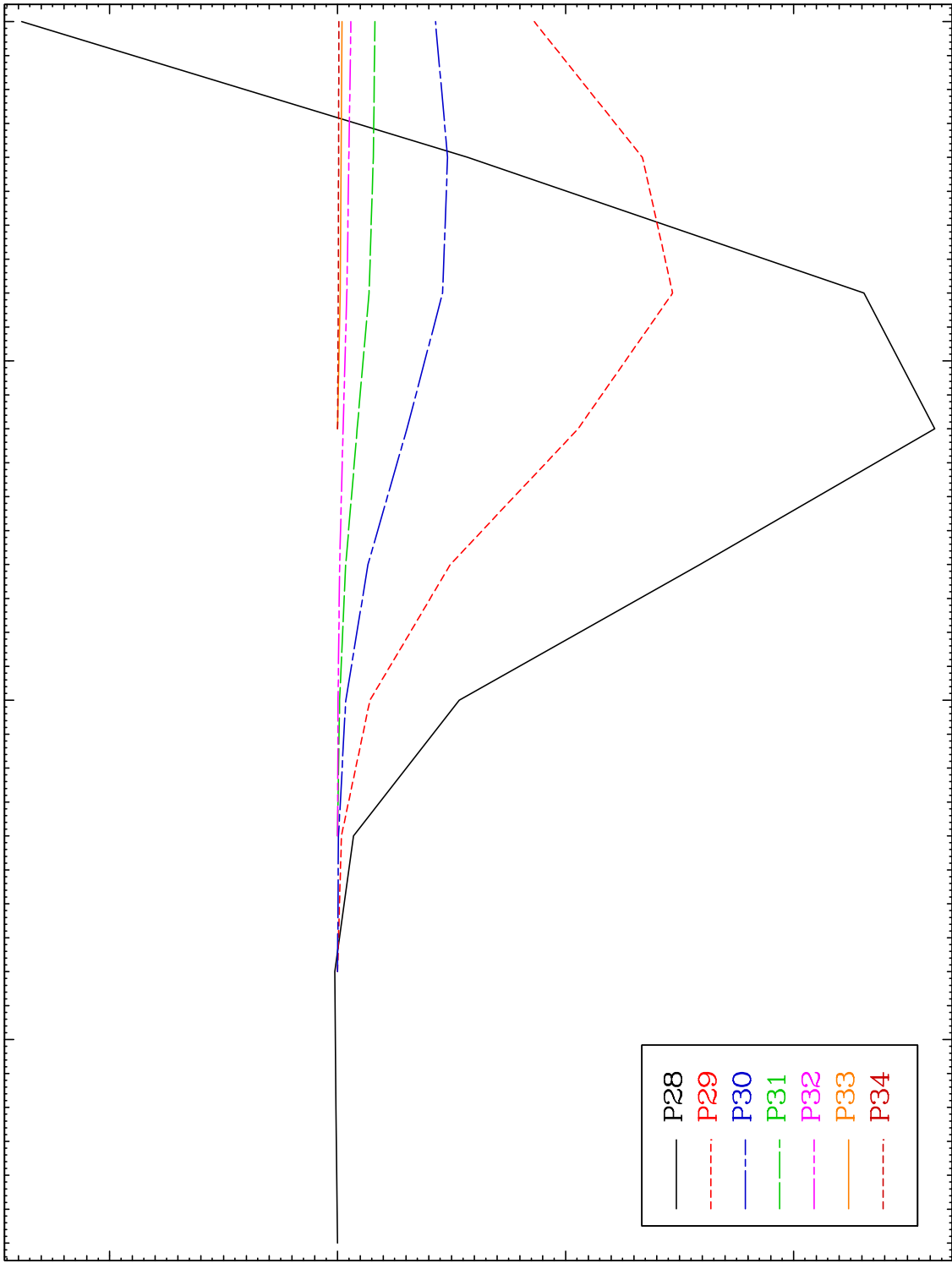
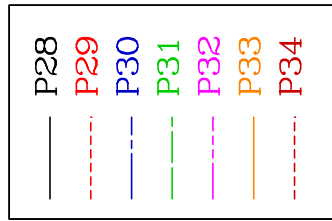
25

30

19

Incident Energy (MeV)

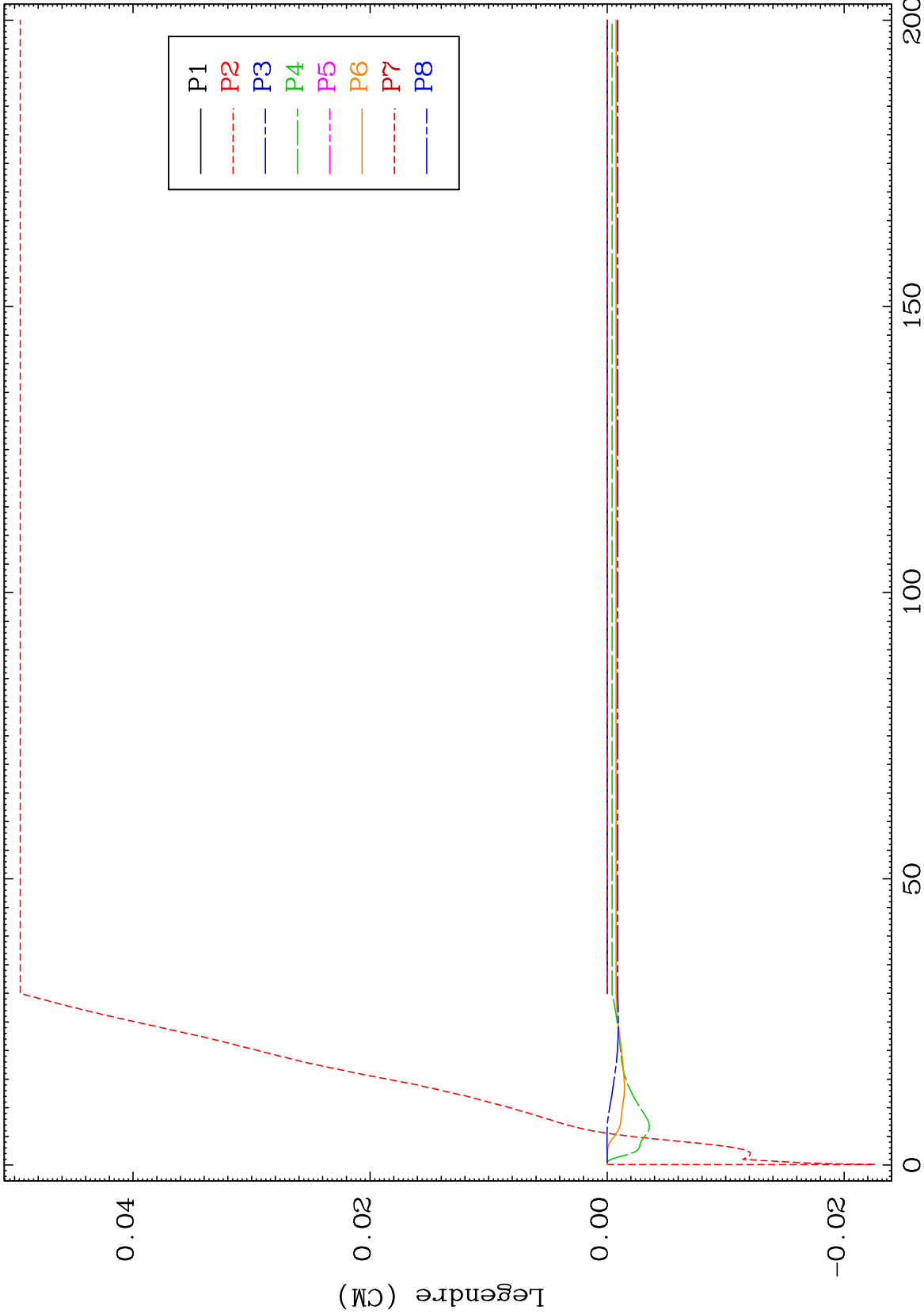
43-Tc-104



MAT 4340

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

43-Tc-104



43-Tc-104

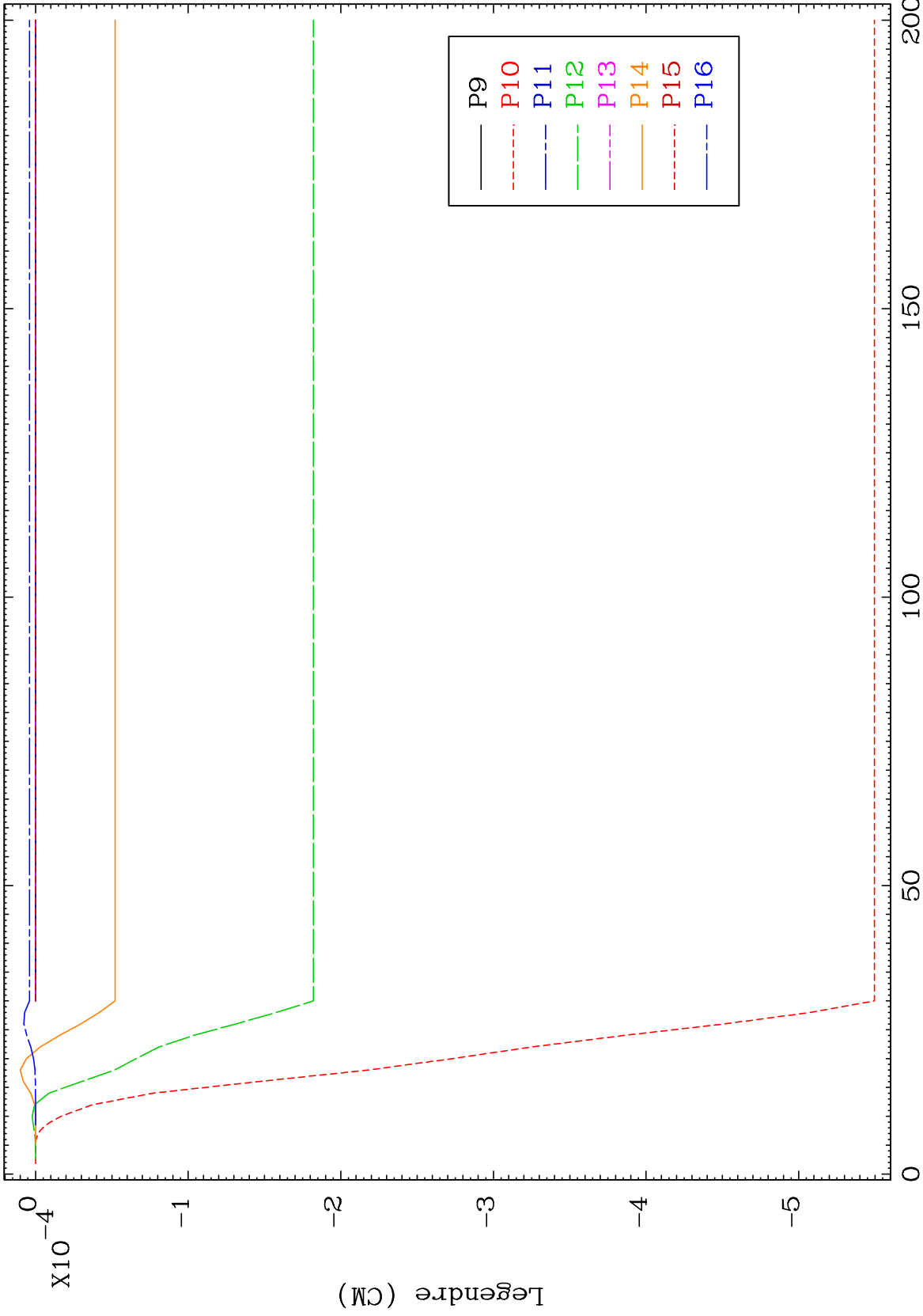
Incident Energy (MeV)

20

MAT 4340

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

43-Tc-104



21

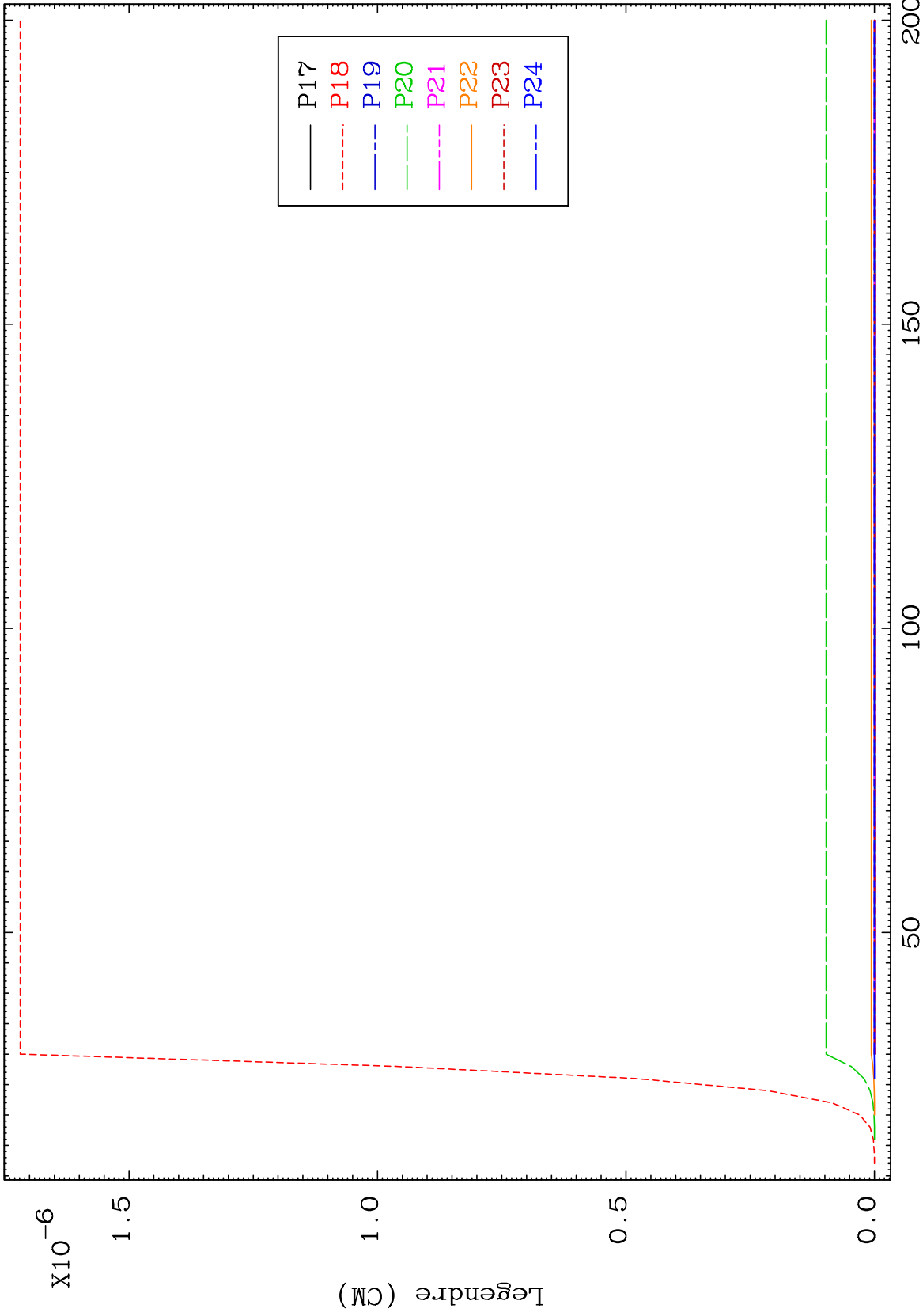
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104



43-Tc-104

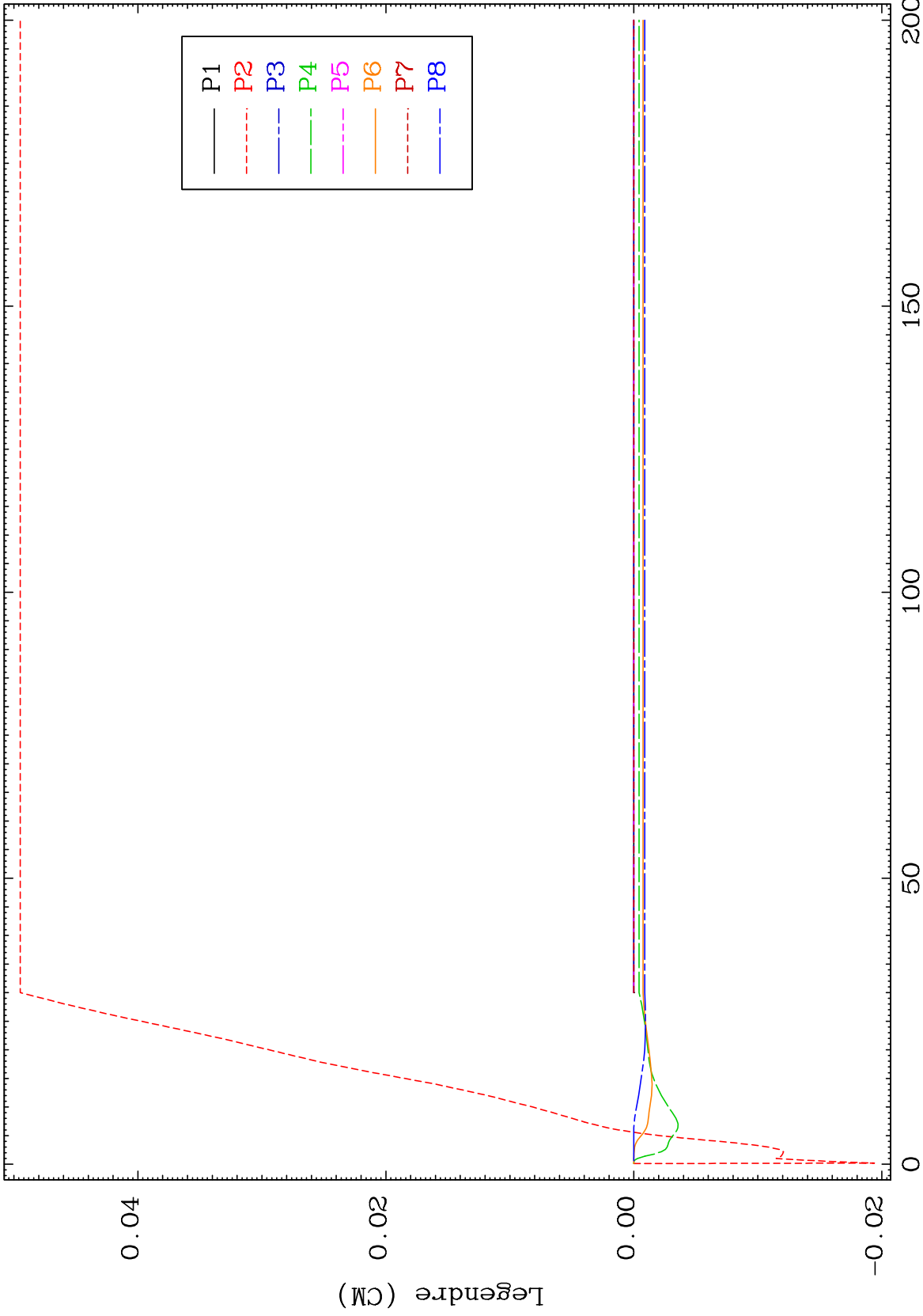
Incident Energy (MeV)

22

MAT 4340

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

43-Tc-104



23

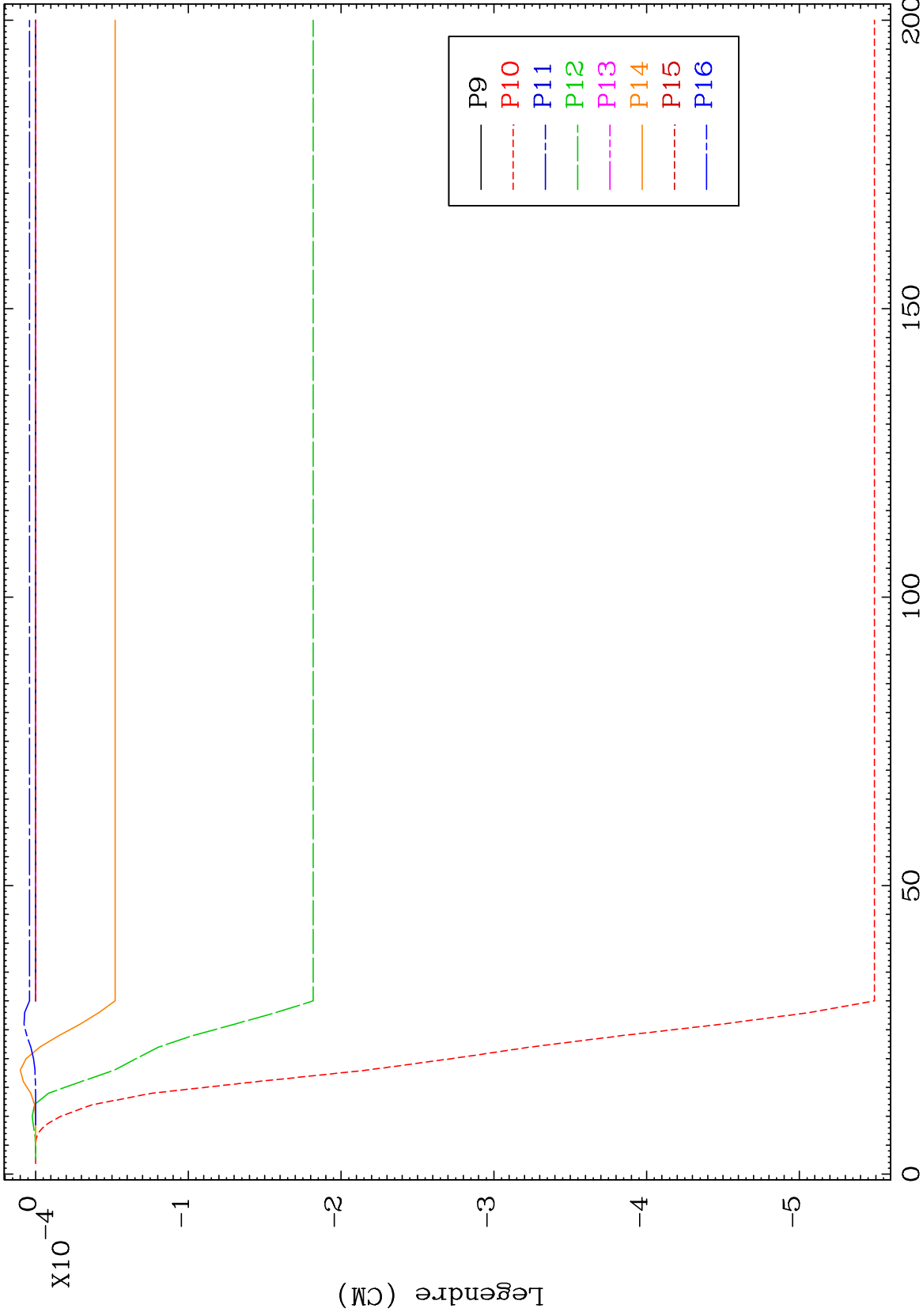
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104

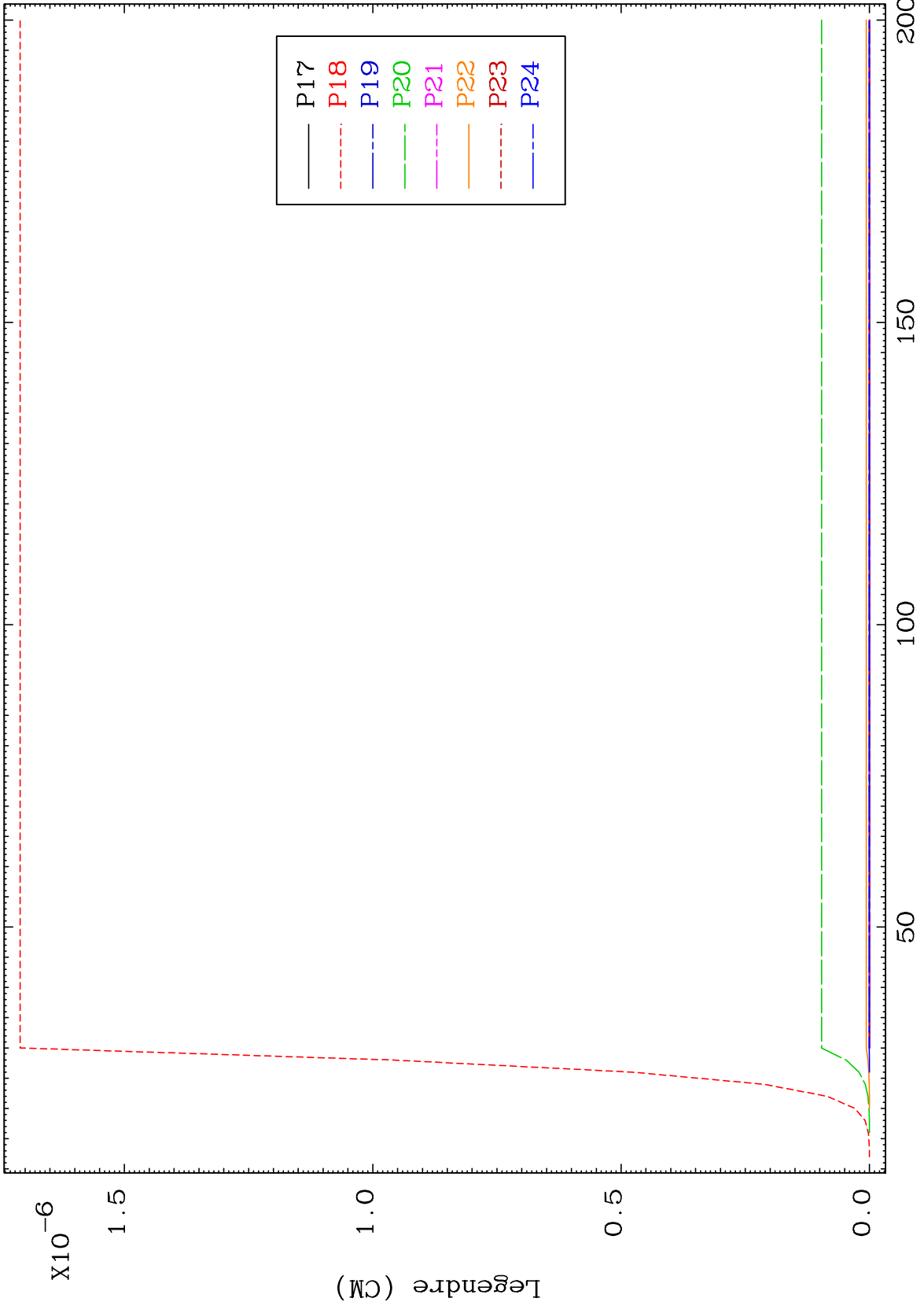


24

Incident Energy (MeV)

43-Tc-104

MAT 4340 MT= 52 (n,n') Level Legendre Coefficients 43-Tc-104

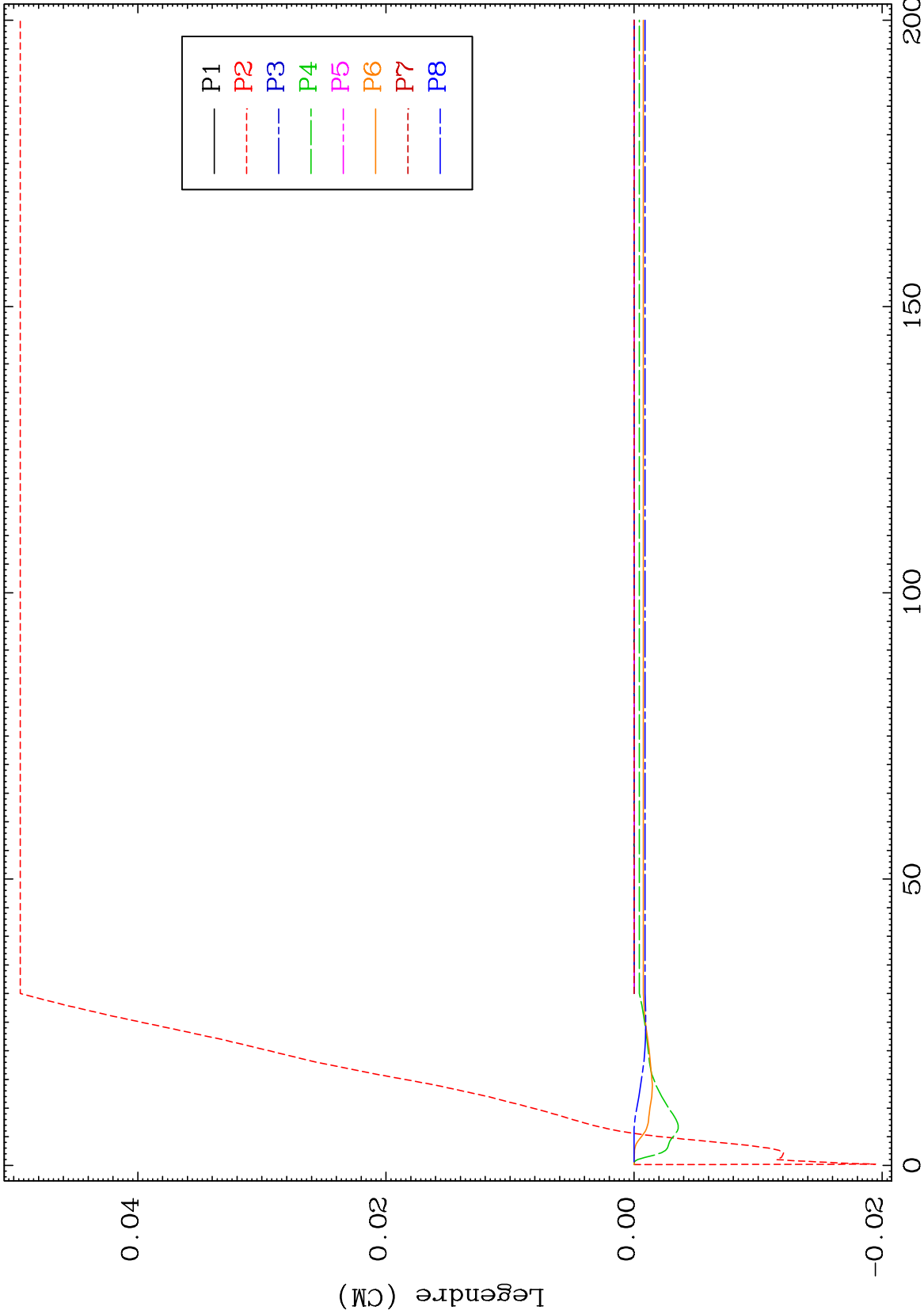


25 50 100 150 200 43-Tc-104

MAT 4340

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

43-Tc-104



26

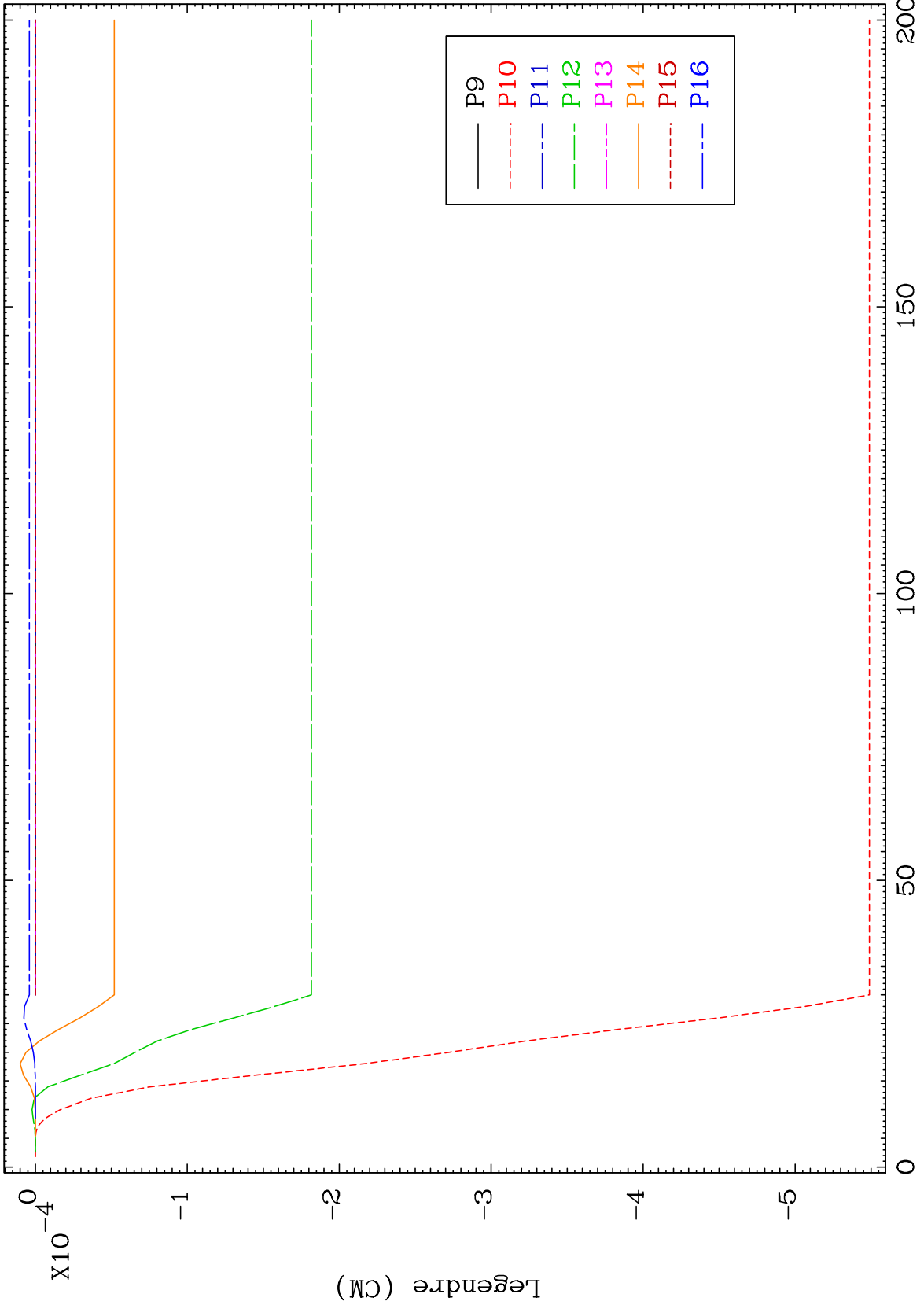
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104

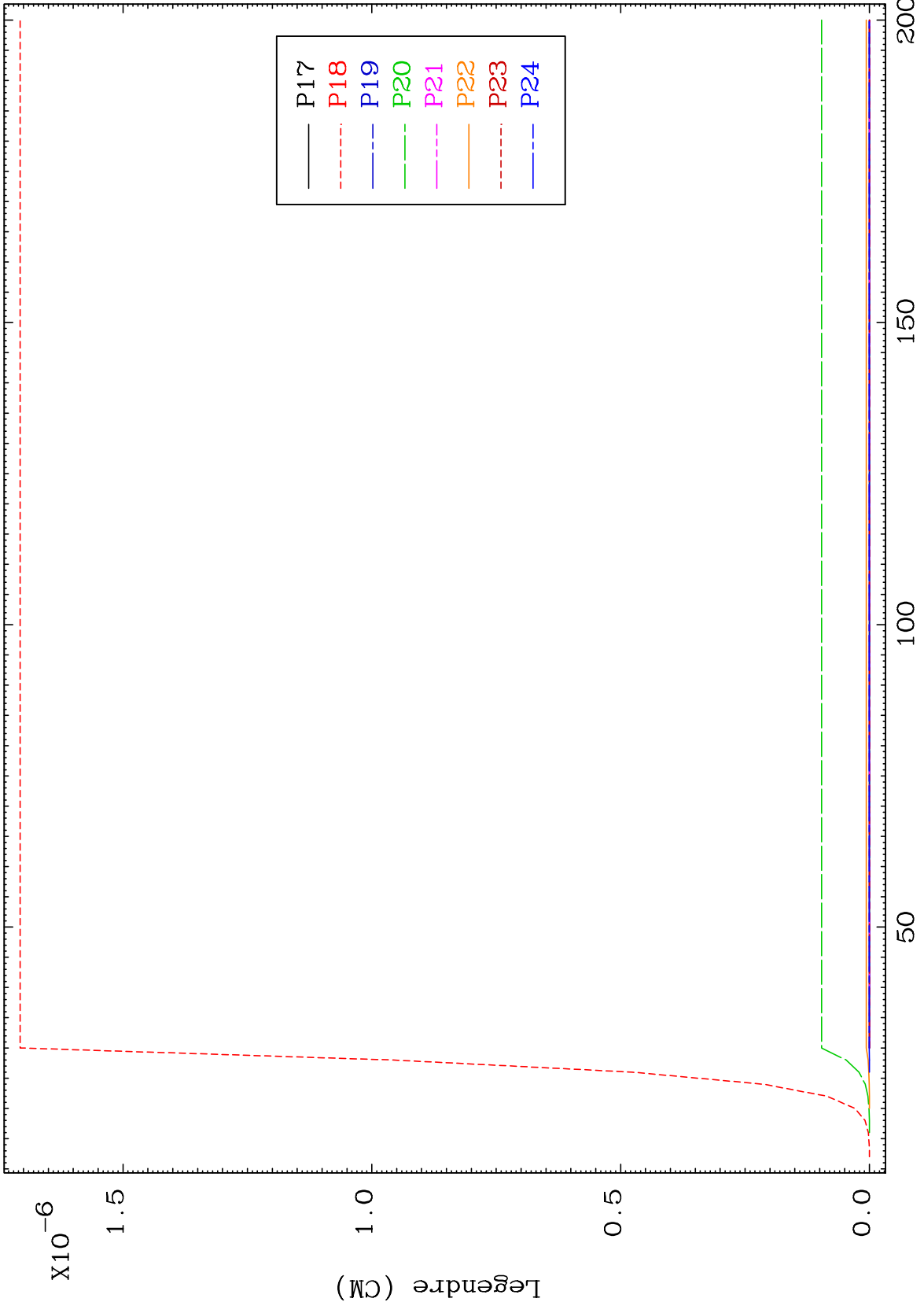


27

Incident Energy (MeV)

43-Tc-104

MAT 4340 MT= 53 (n,n') Level Legendre Coefficients 43-Tc-104

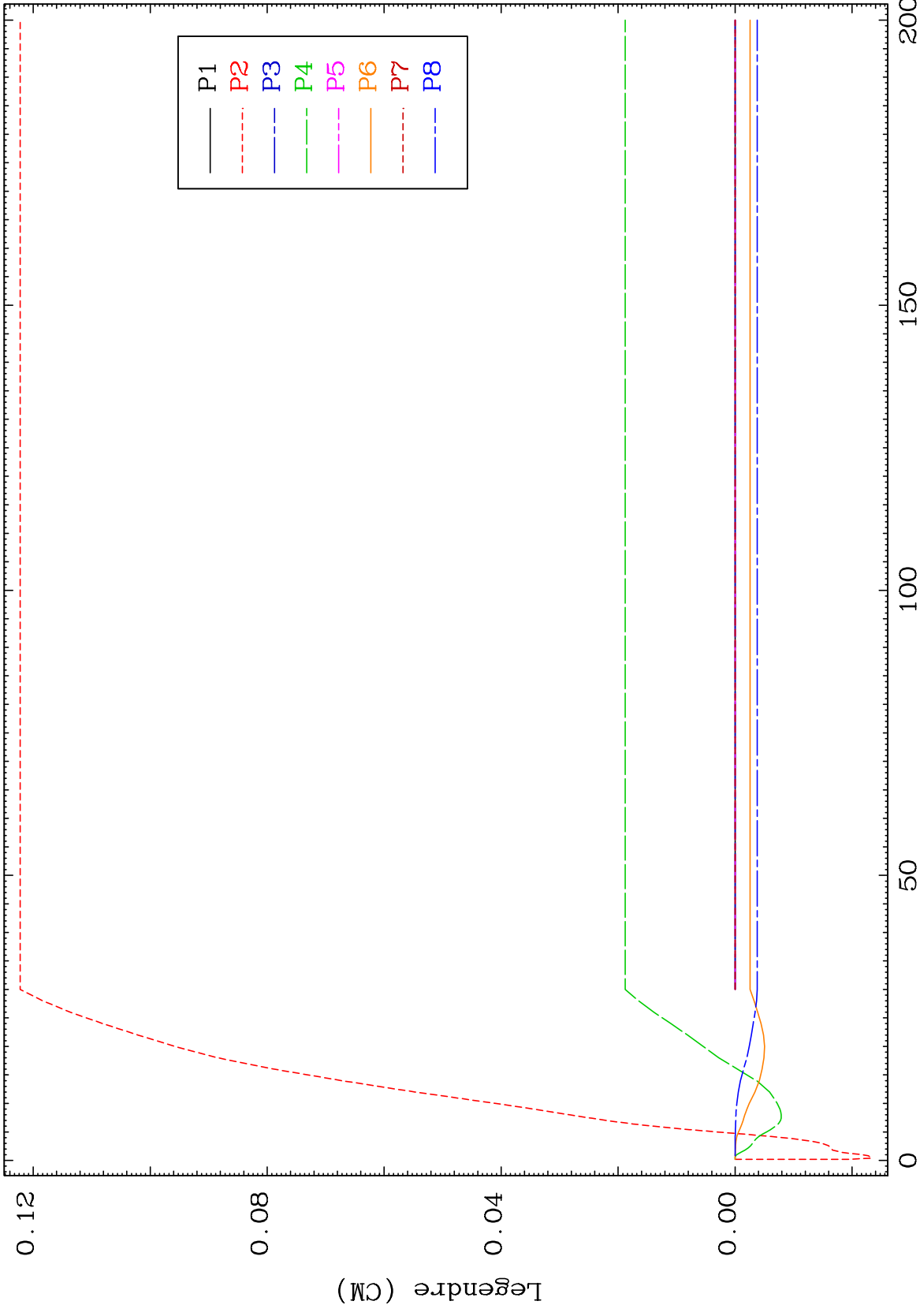


28 50 100 150 200 43-Tc-104

MAT 4340

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

43-Tc-104



29

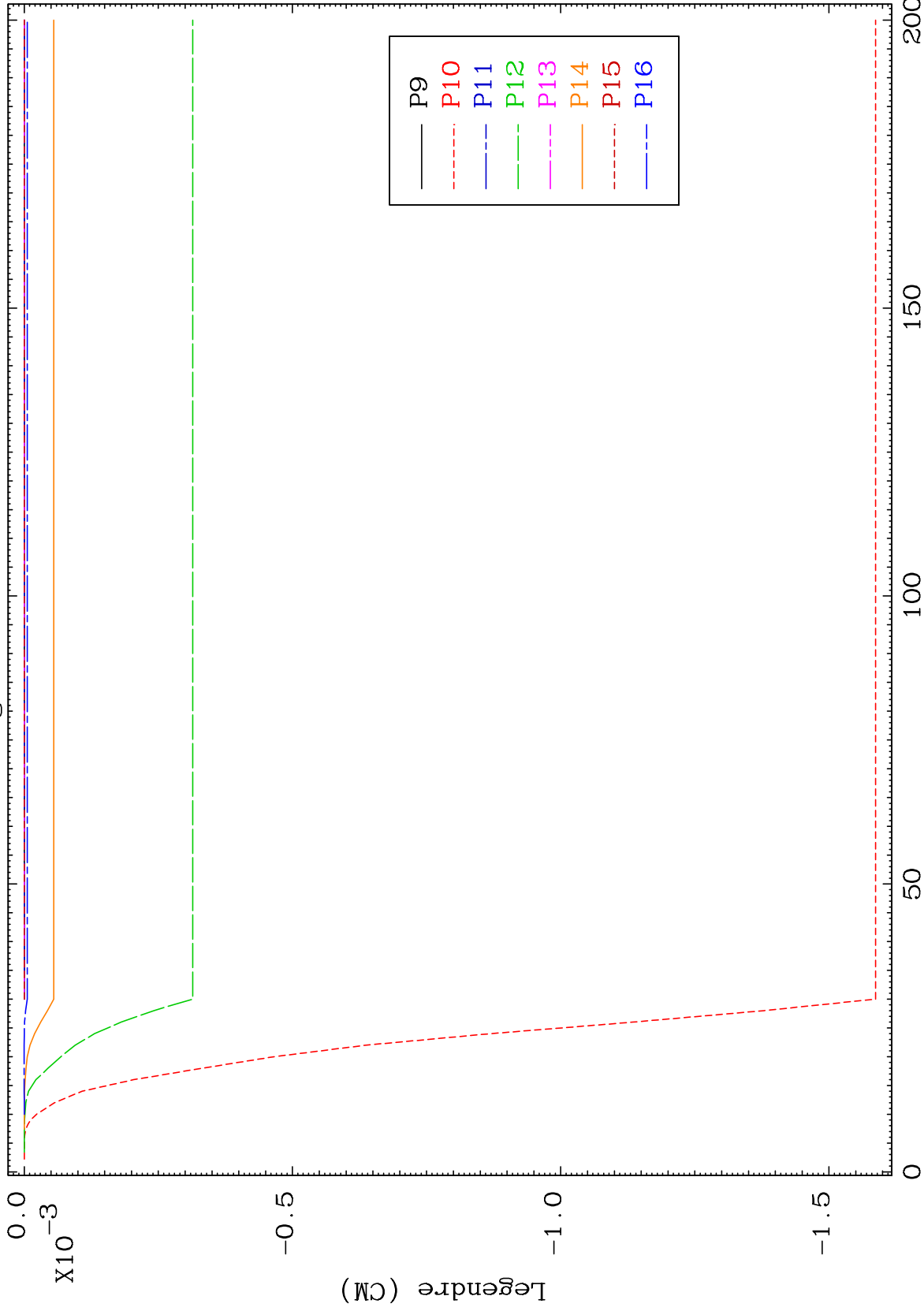
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104

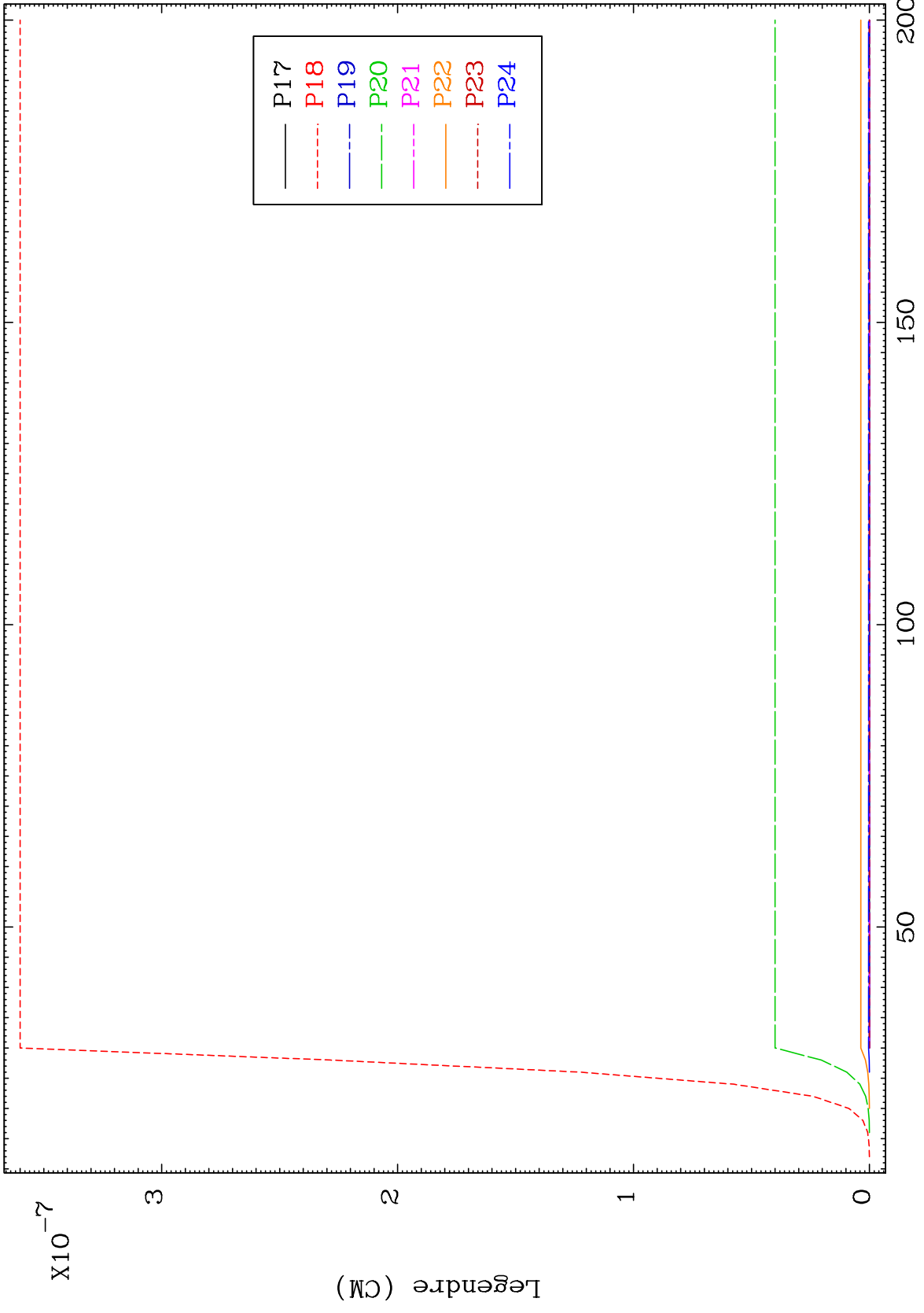


43-Tc-104

Incident Energy (MeV)

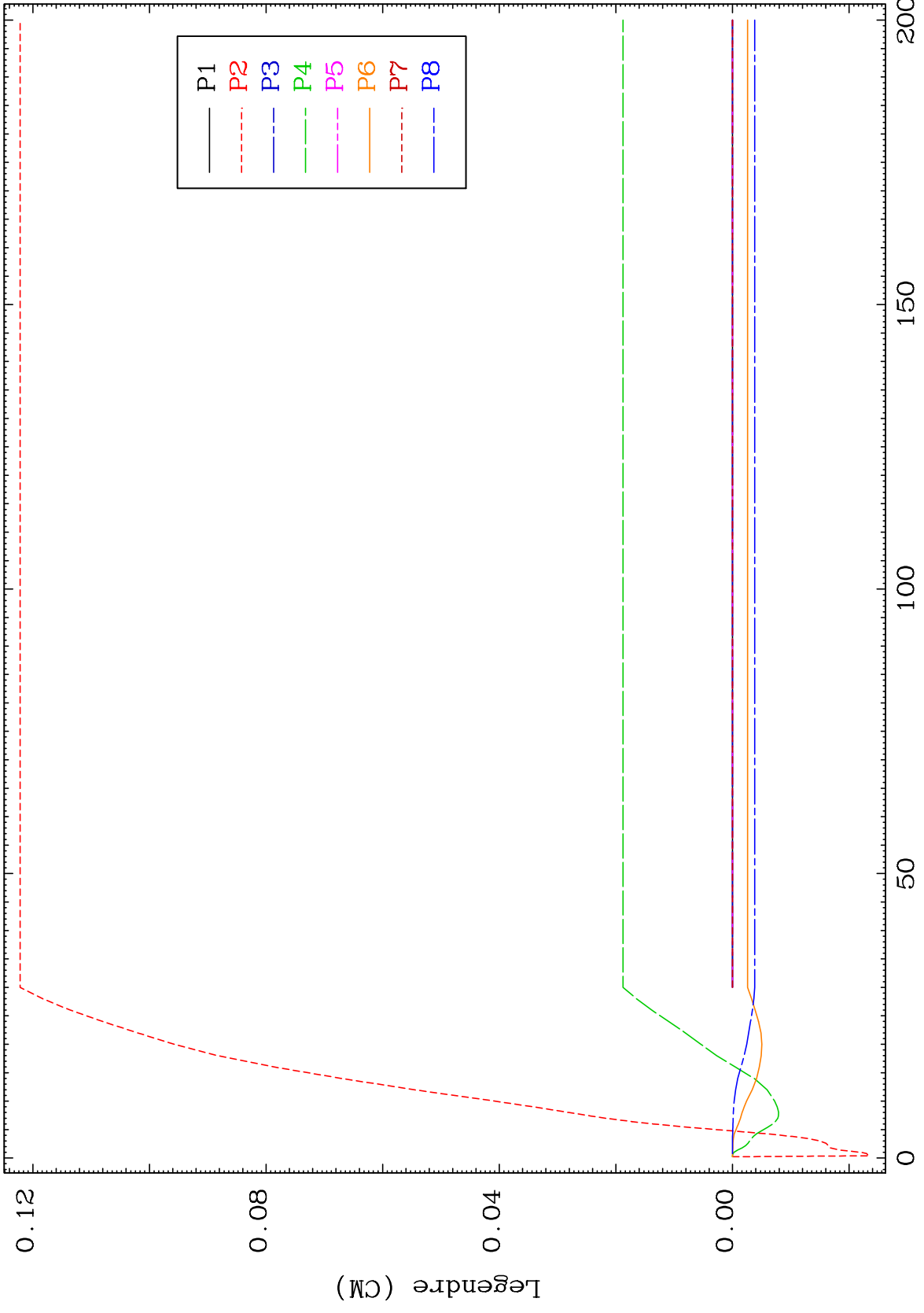
30

MAT 4340 MT= 54 (n,n') Level Legendre Coefficients 43-Tc-104



31 Incident Energy (MeV) 43-Tc-104

MAT 4340 MT= 55 (n,n') Level Legendre Coefficients 43-Tc-104

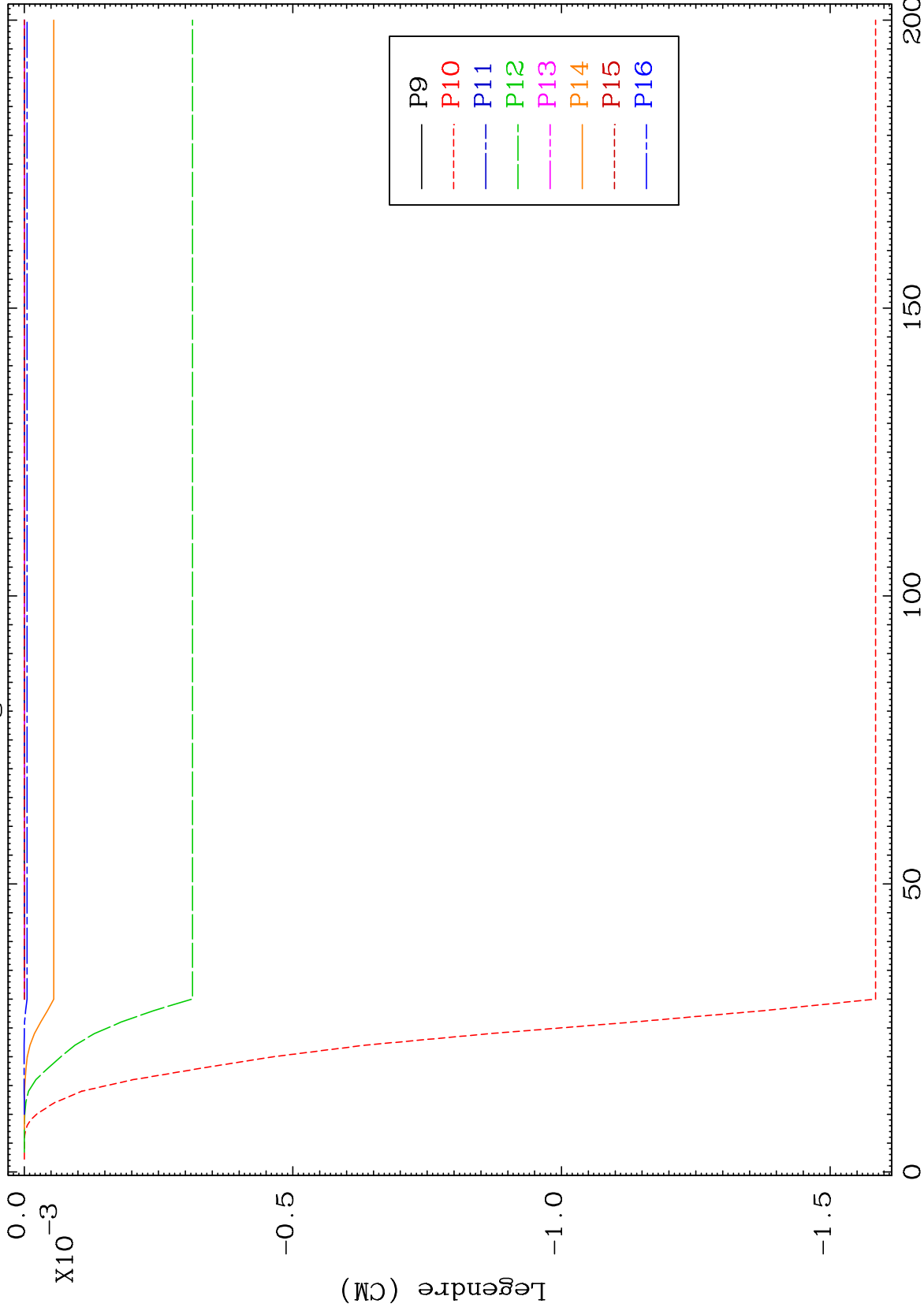


32 Incident Energy (MeV) 43-Tc-104

MAT 4340

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

43-Tc-104

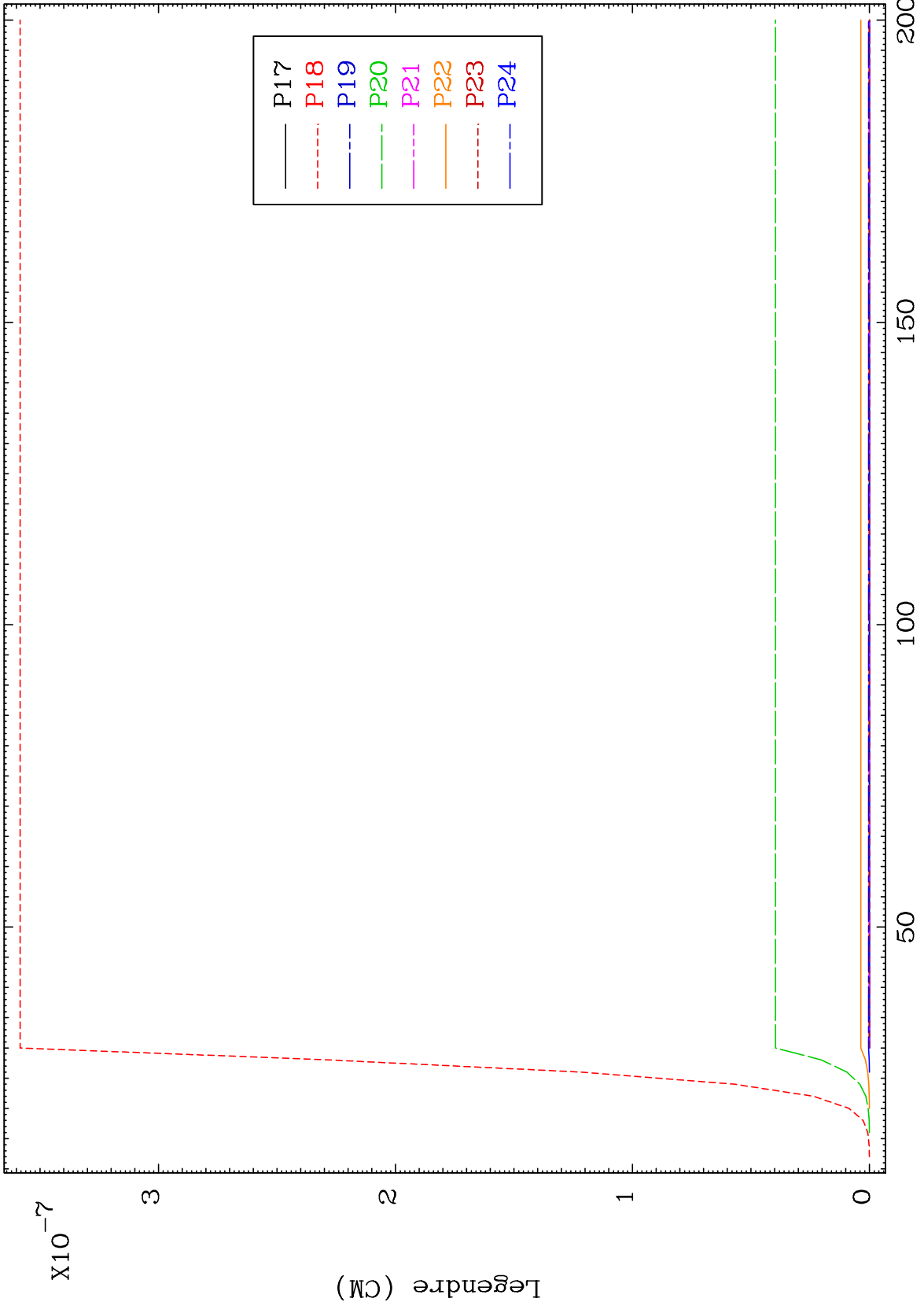


43-Tc-104

Incident Energy (MeV)

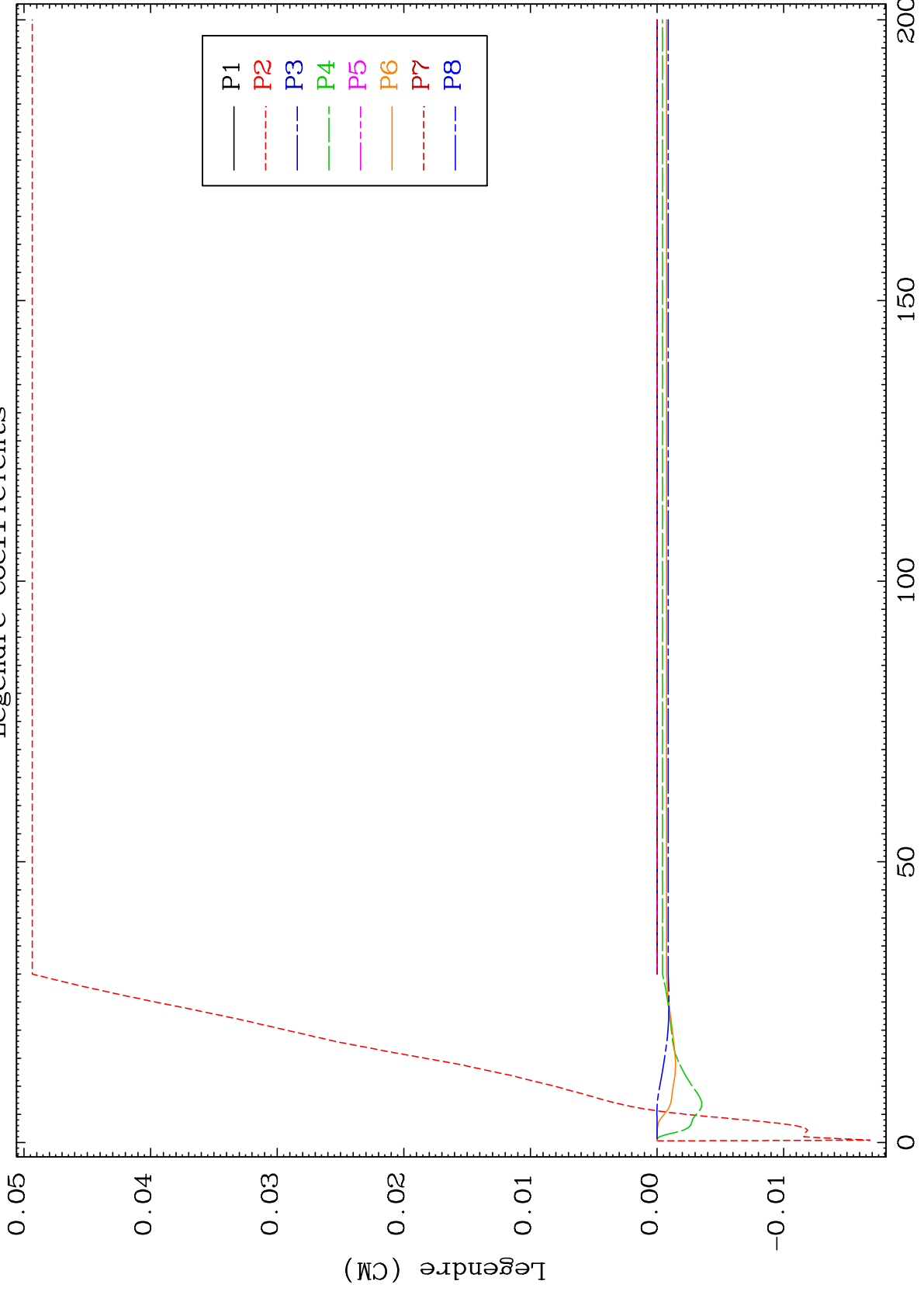
33

MAT 4340 MT= 55 (n,n') Level Legendre Coefficients 43-Tc-104



34 Incident Energy (MeV) 43-Tc-104

MAT 4340 MT= 56 (n,n') Level Legendre Coefficients 43-Tc-104

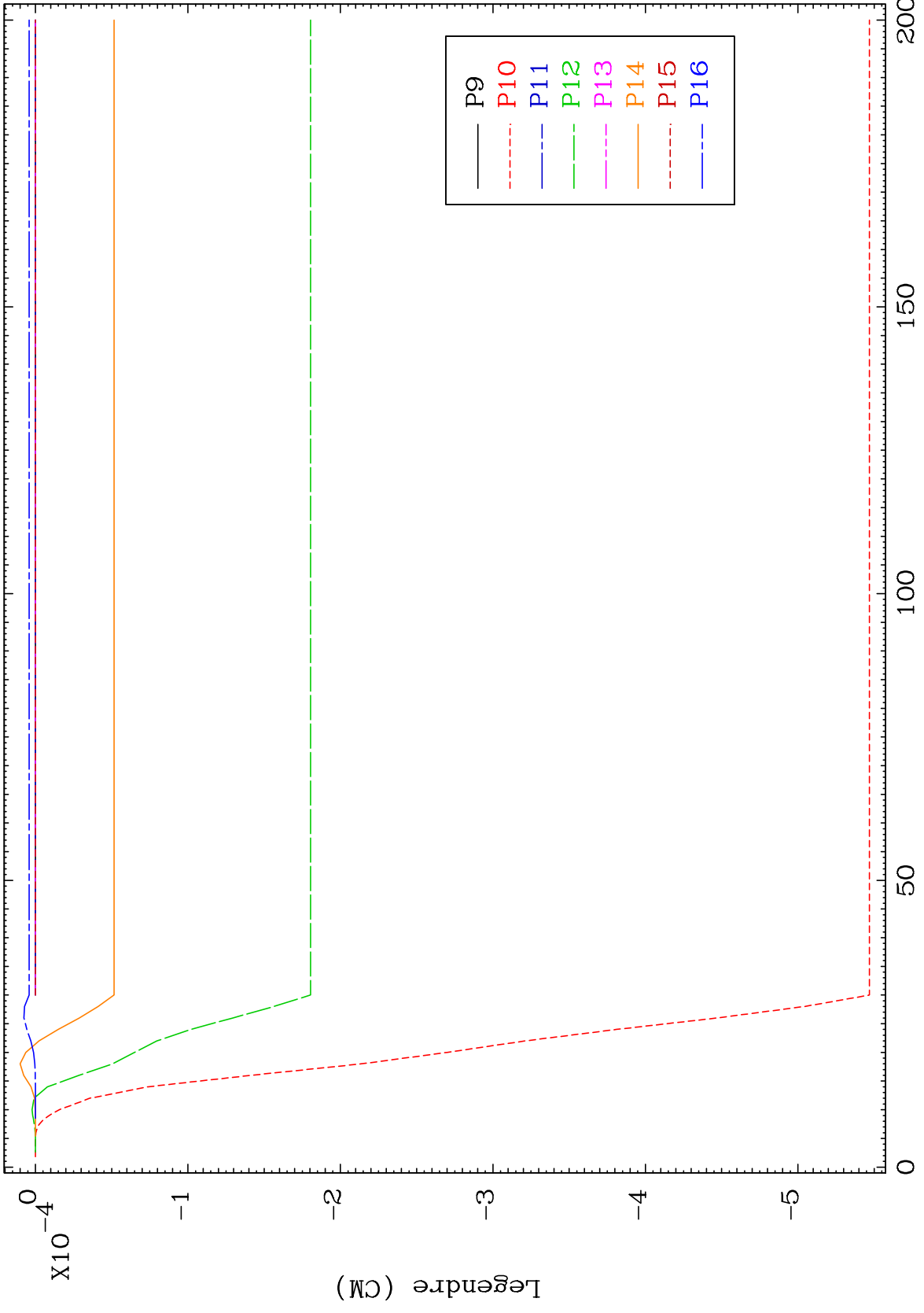


35 43-Tc-104

MAT 4340

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

43-Tc-104

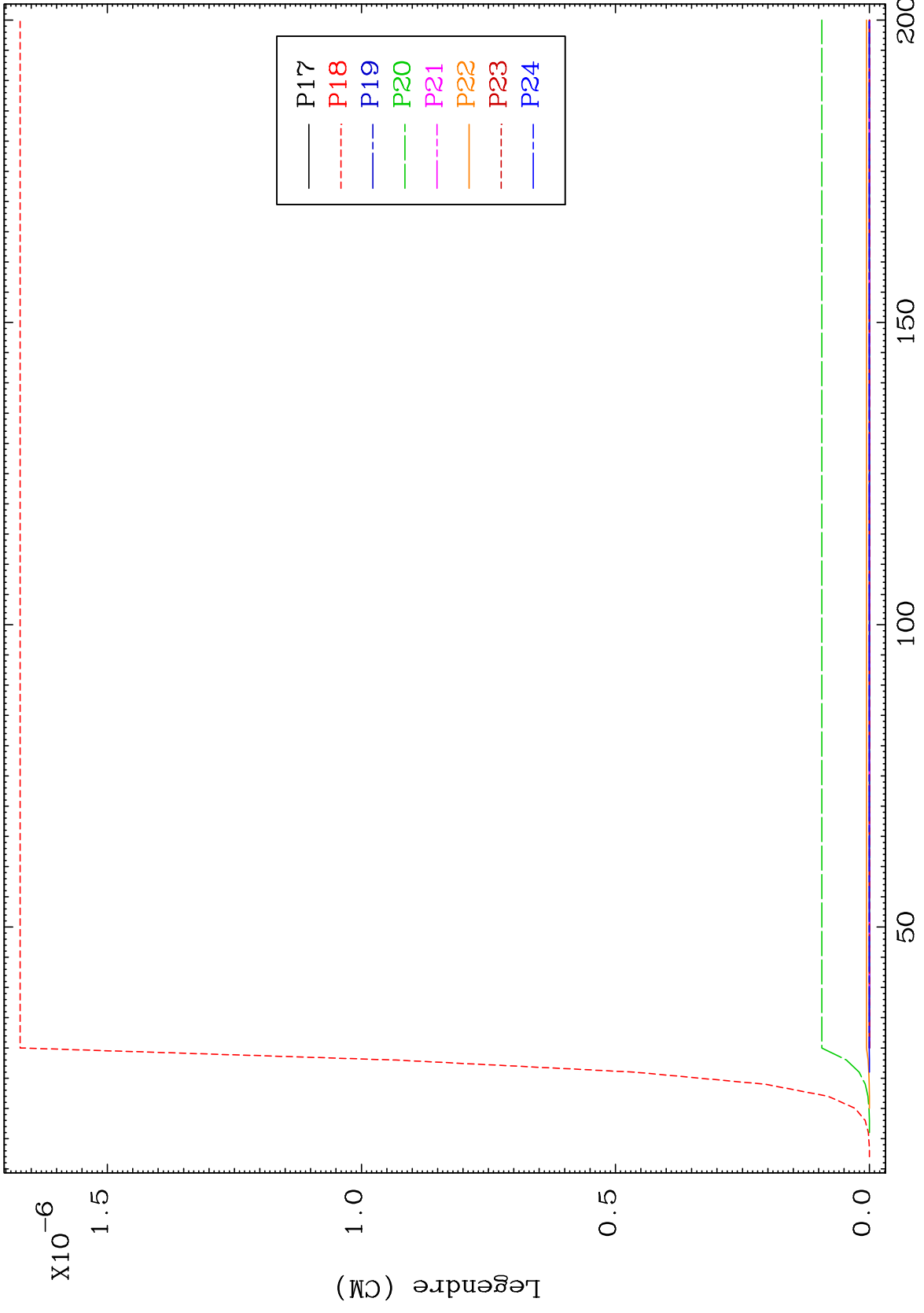


36

Incident Energy (MeV)

43-Tc-104

MAT 4340 MT= 56 (n,n') Level Legendre Coefficients 43-Tc-104

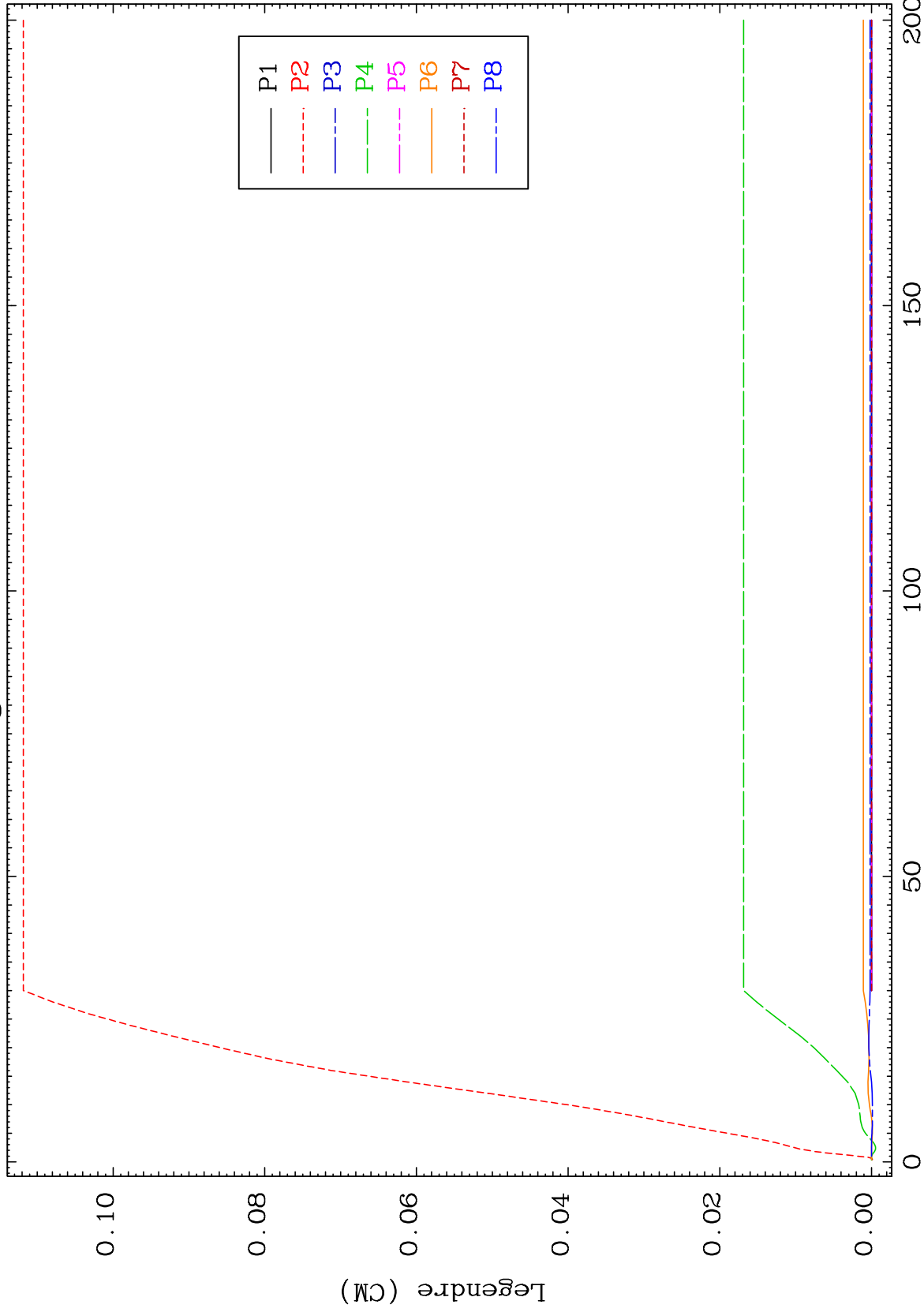


37 50 100 150 200 43-Tc-104

MAT 4340

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

43-Tc-104



38

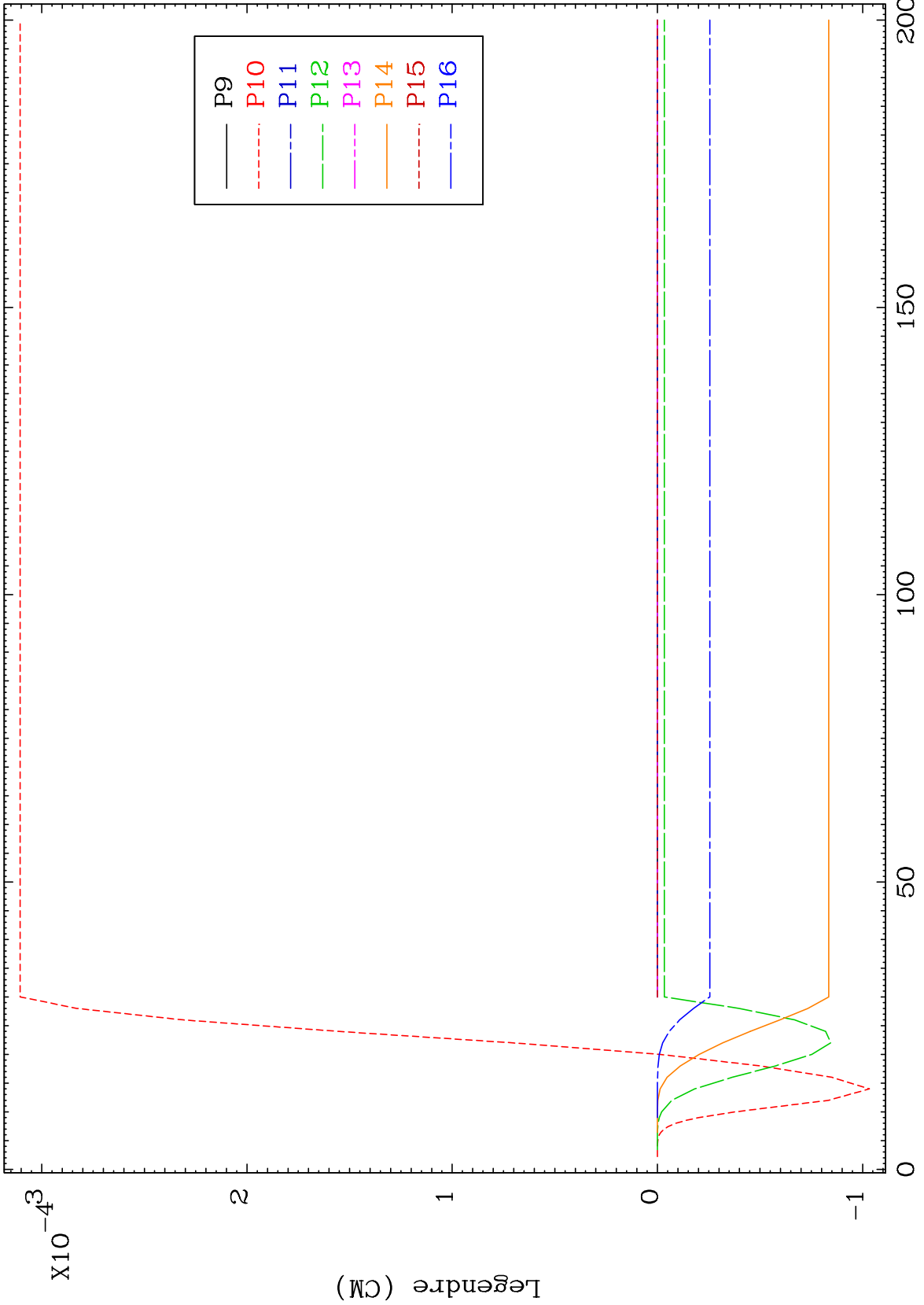
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104



39

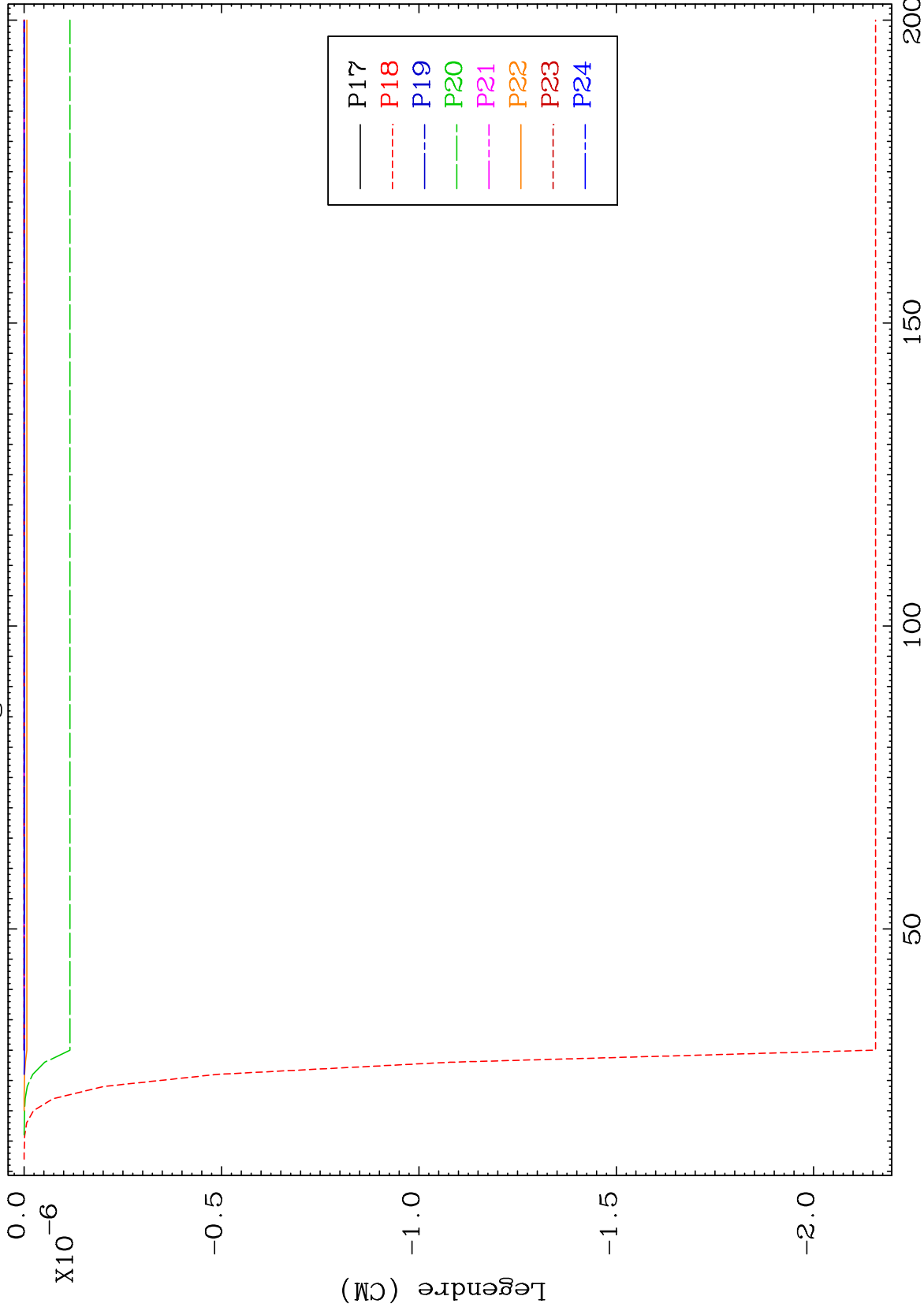
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104



43-Tc-104

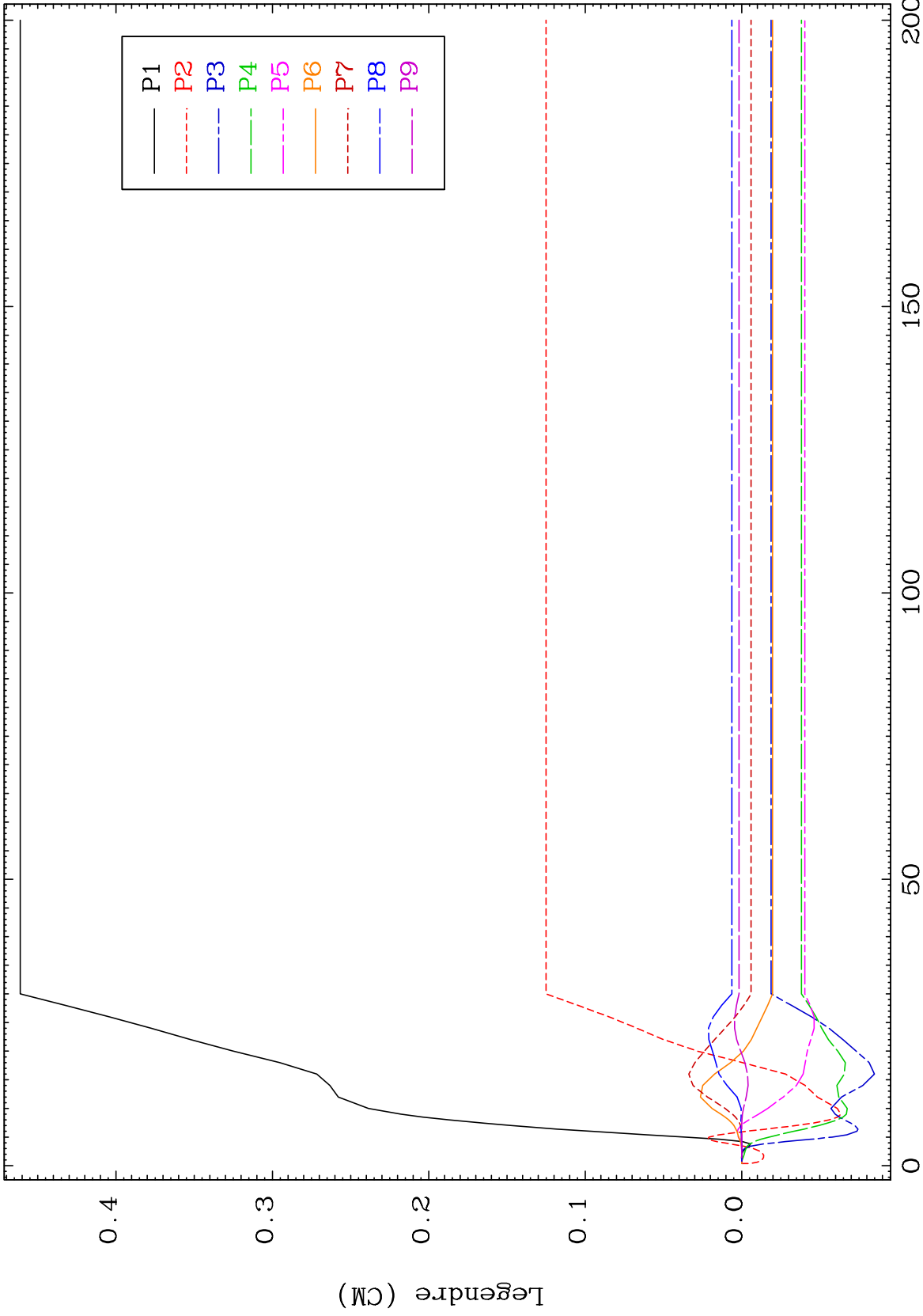
Incident Energy (MeV)

40

MAT 4340

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

43-Tc-104

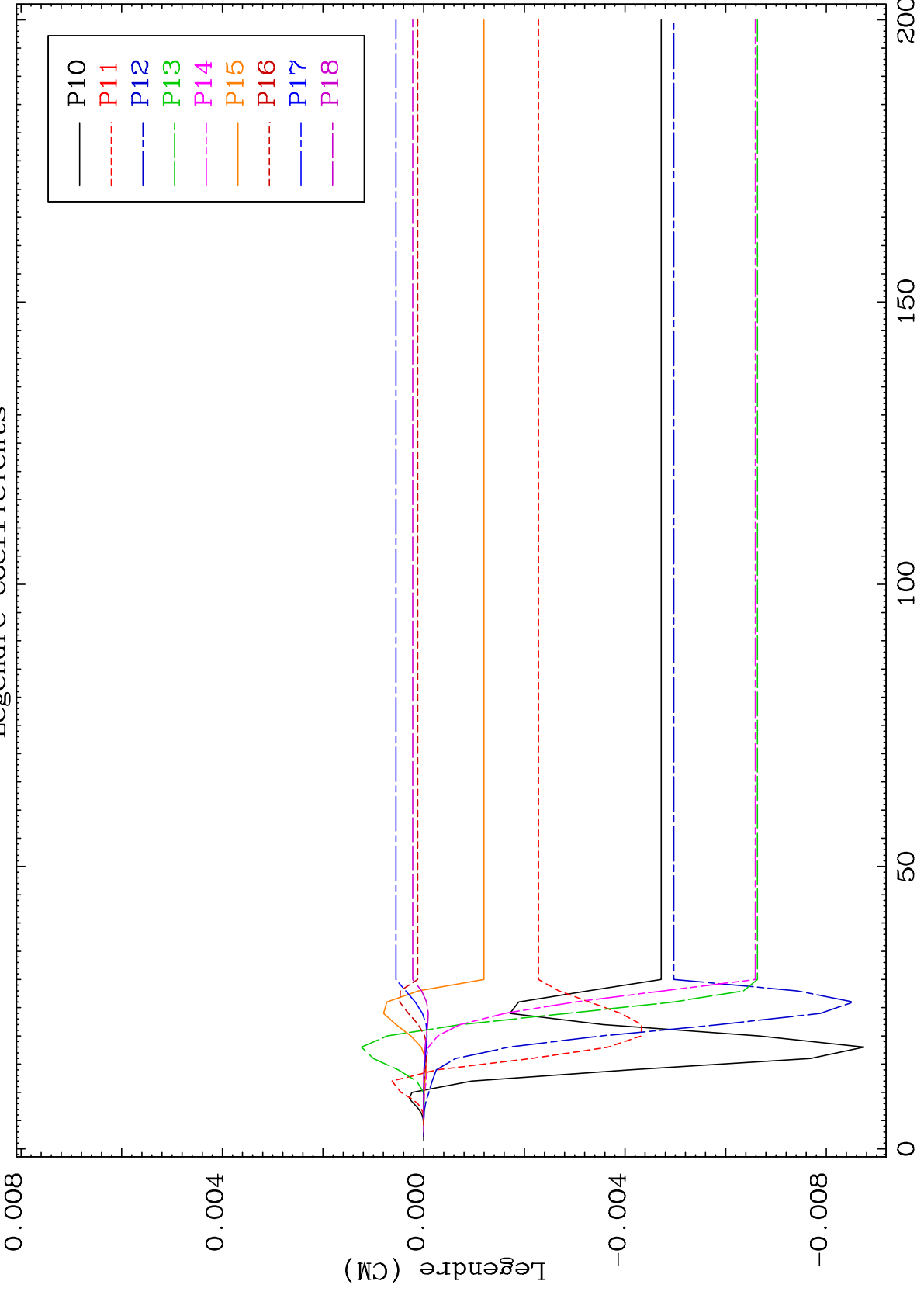


41

Incident Energy (MeV)

43-Tc-104

MAT 4340 MT= 58 (n,n') Level Legendre Coefficients 43-Tc-104

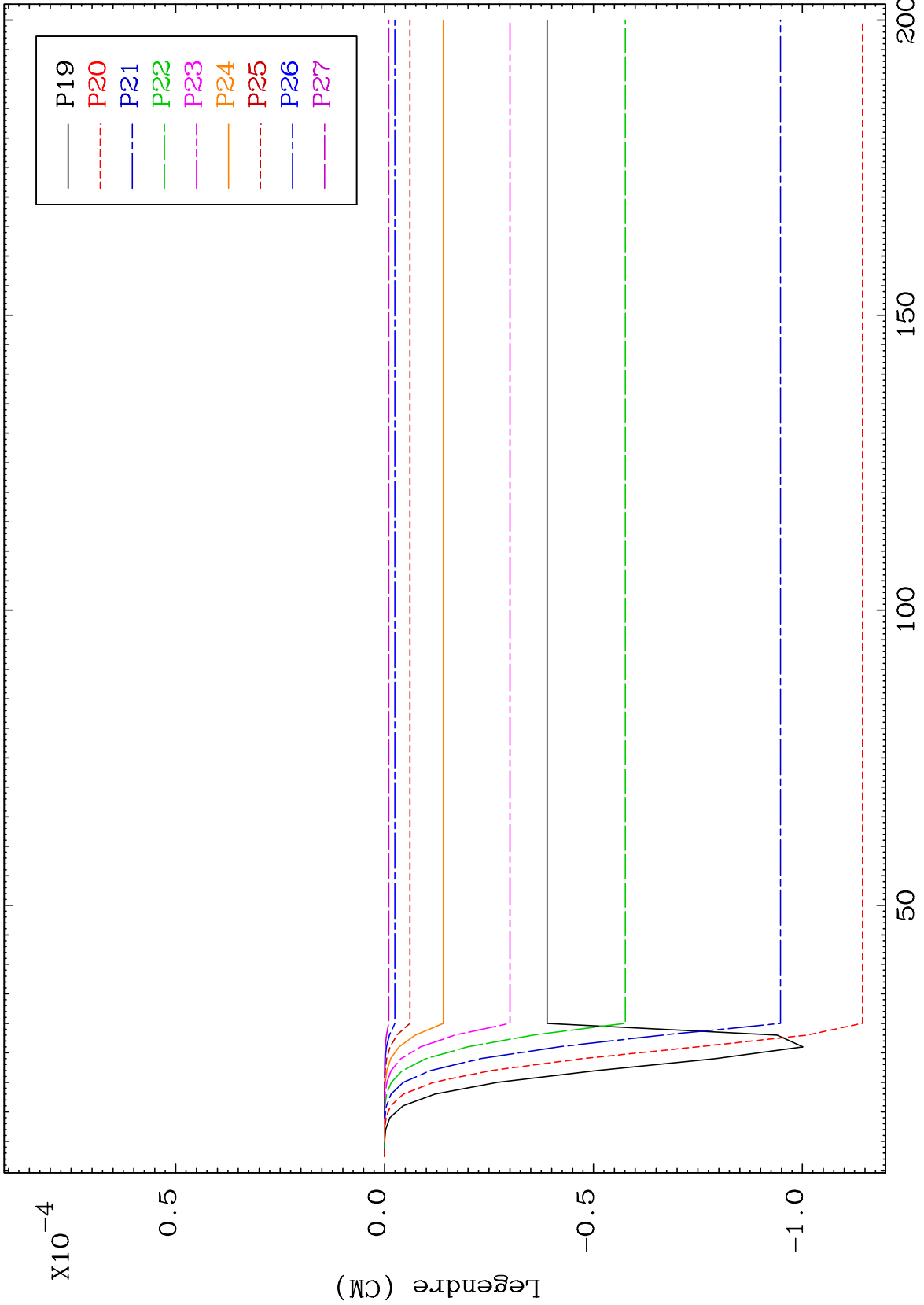


42 43-Tc-104

MAT 4340

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

43-Tc-104



43

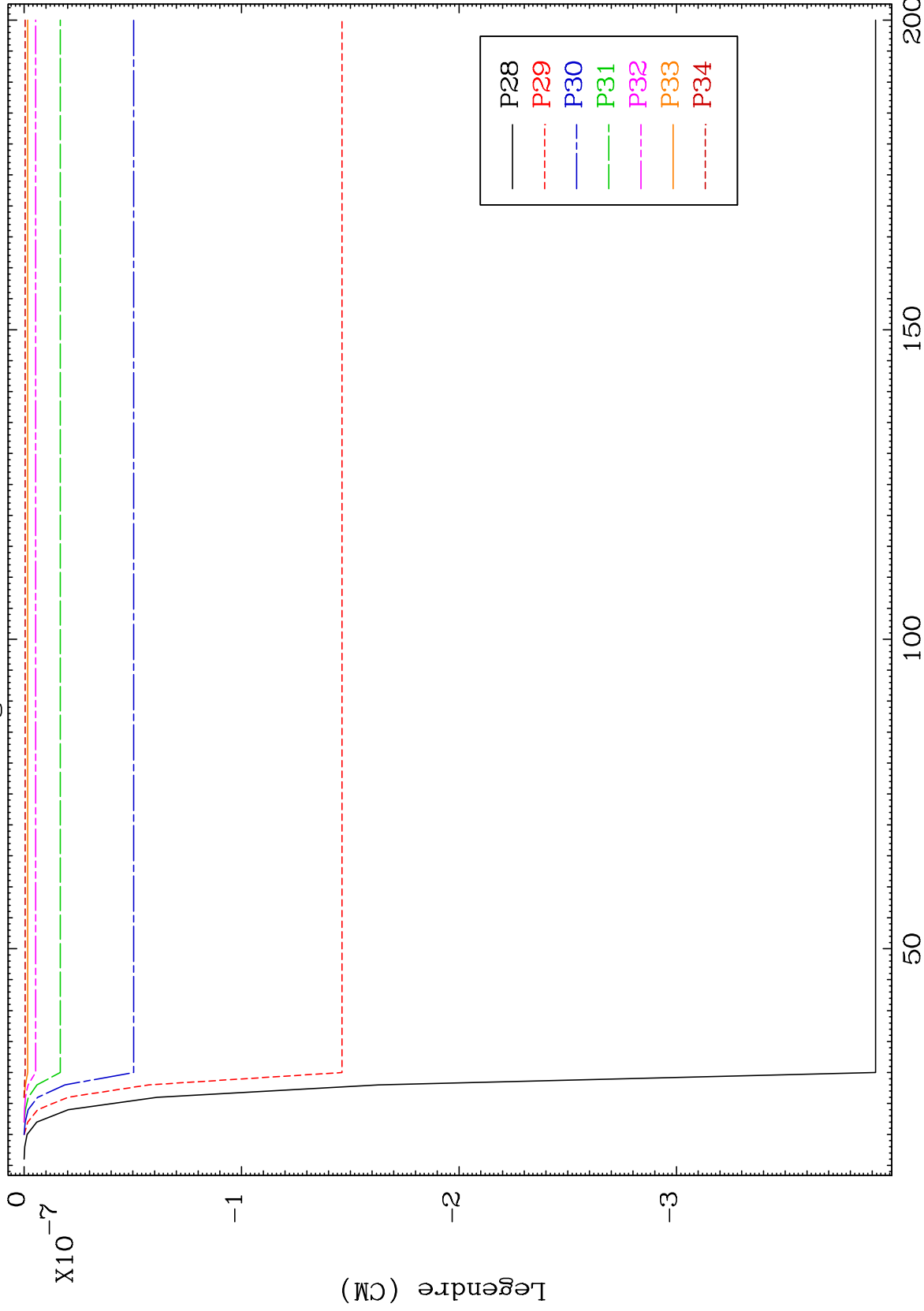
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104

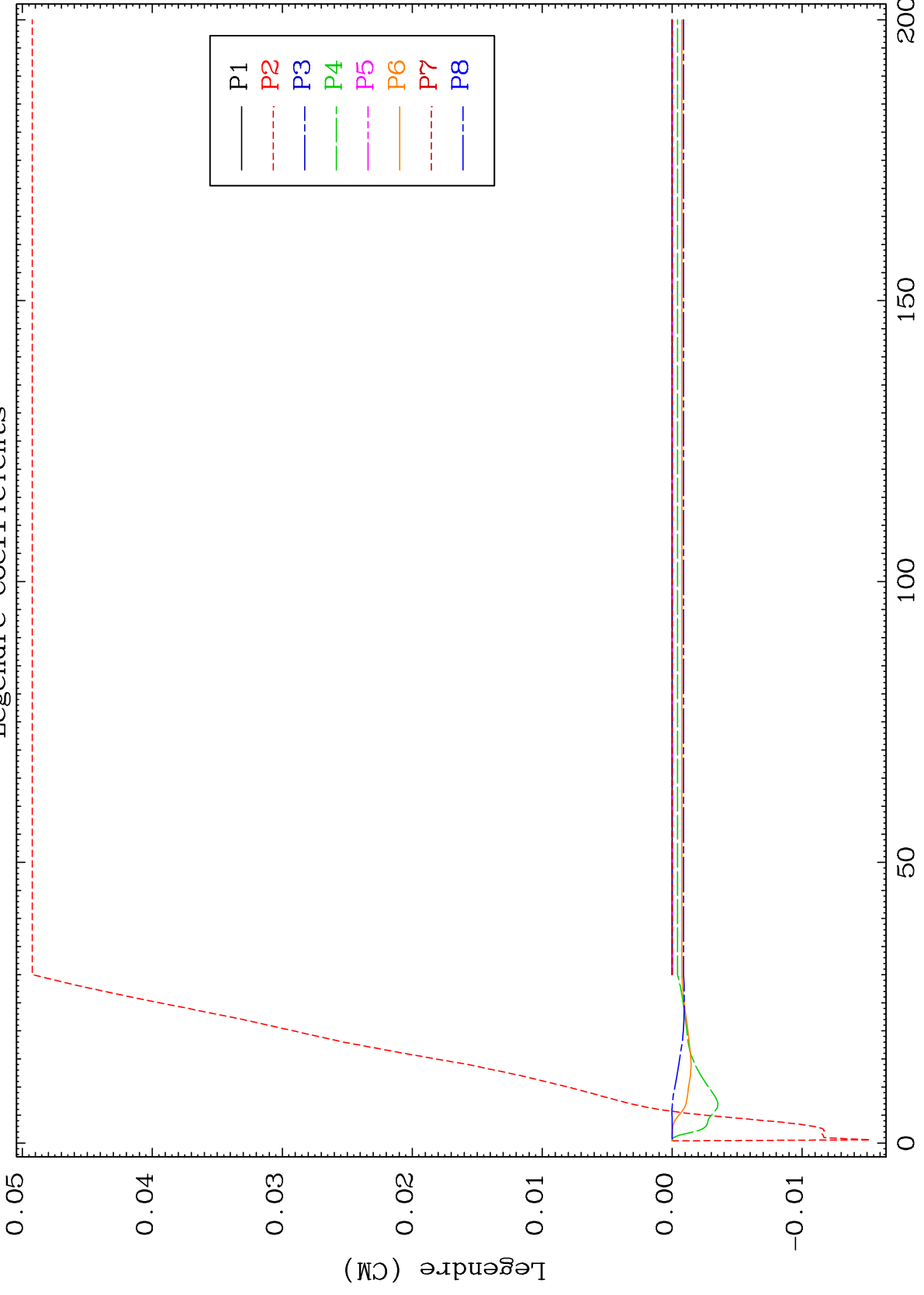


43-Tc-104

Incident Energy (MeV)

44

MAT 4340 MT= 59 (n,n') Level Legendre Coefficients 43-Tc-104

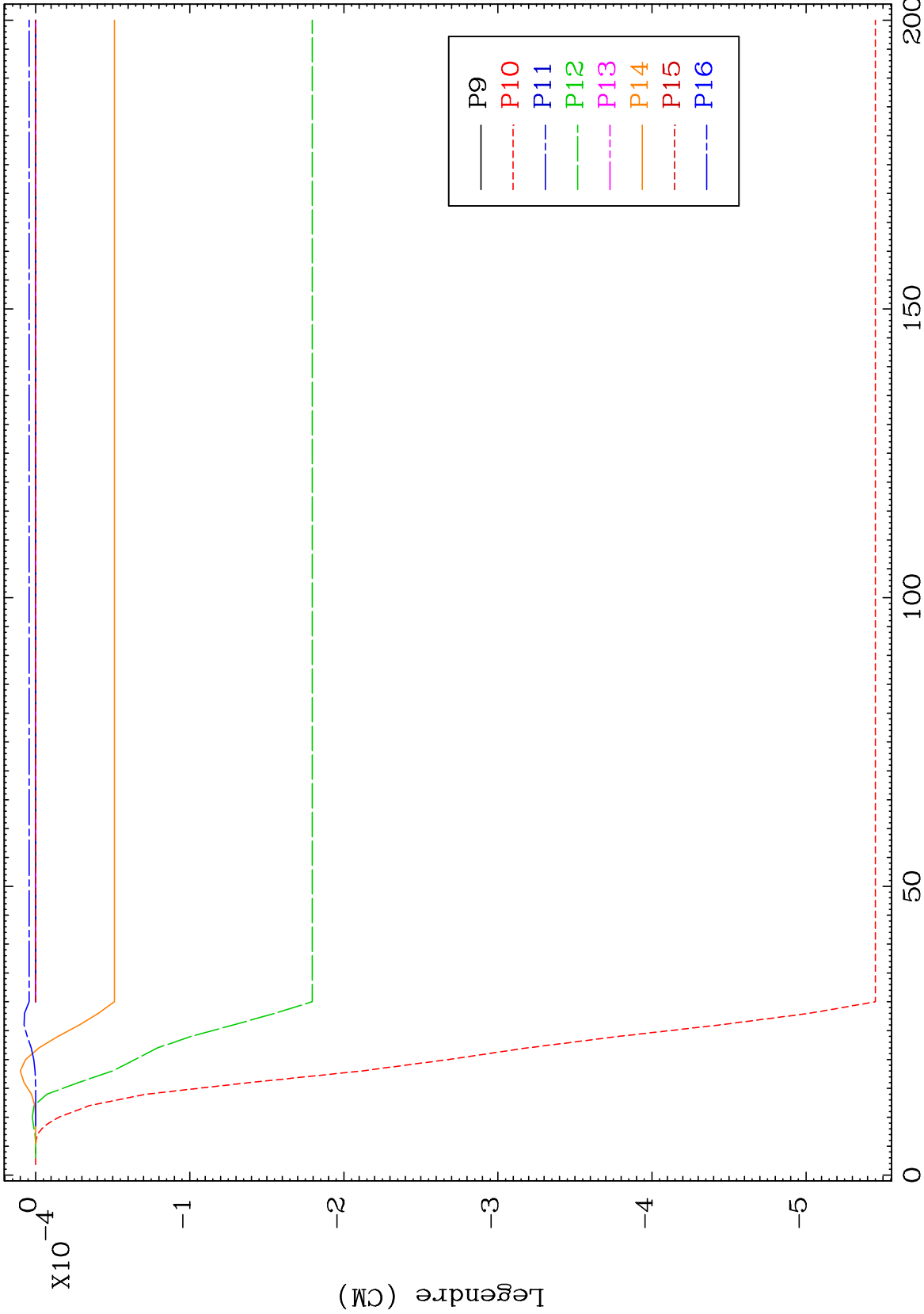


43-Tc-104 Incident Energy (MeV) 45

MAT 4340

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

43-Tc-104

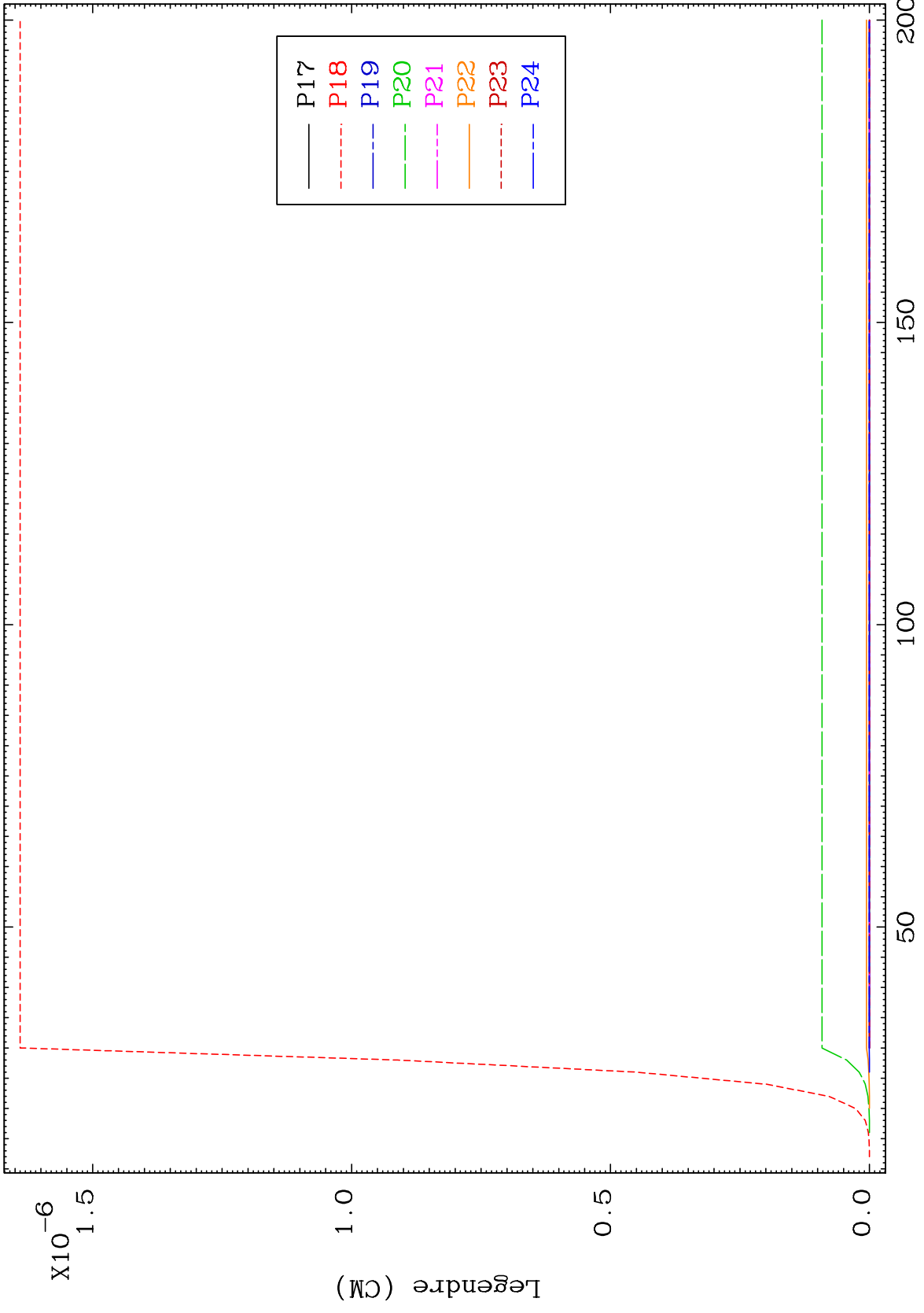


46

Incident Energy (MeV)

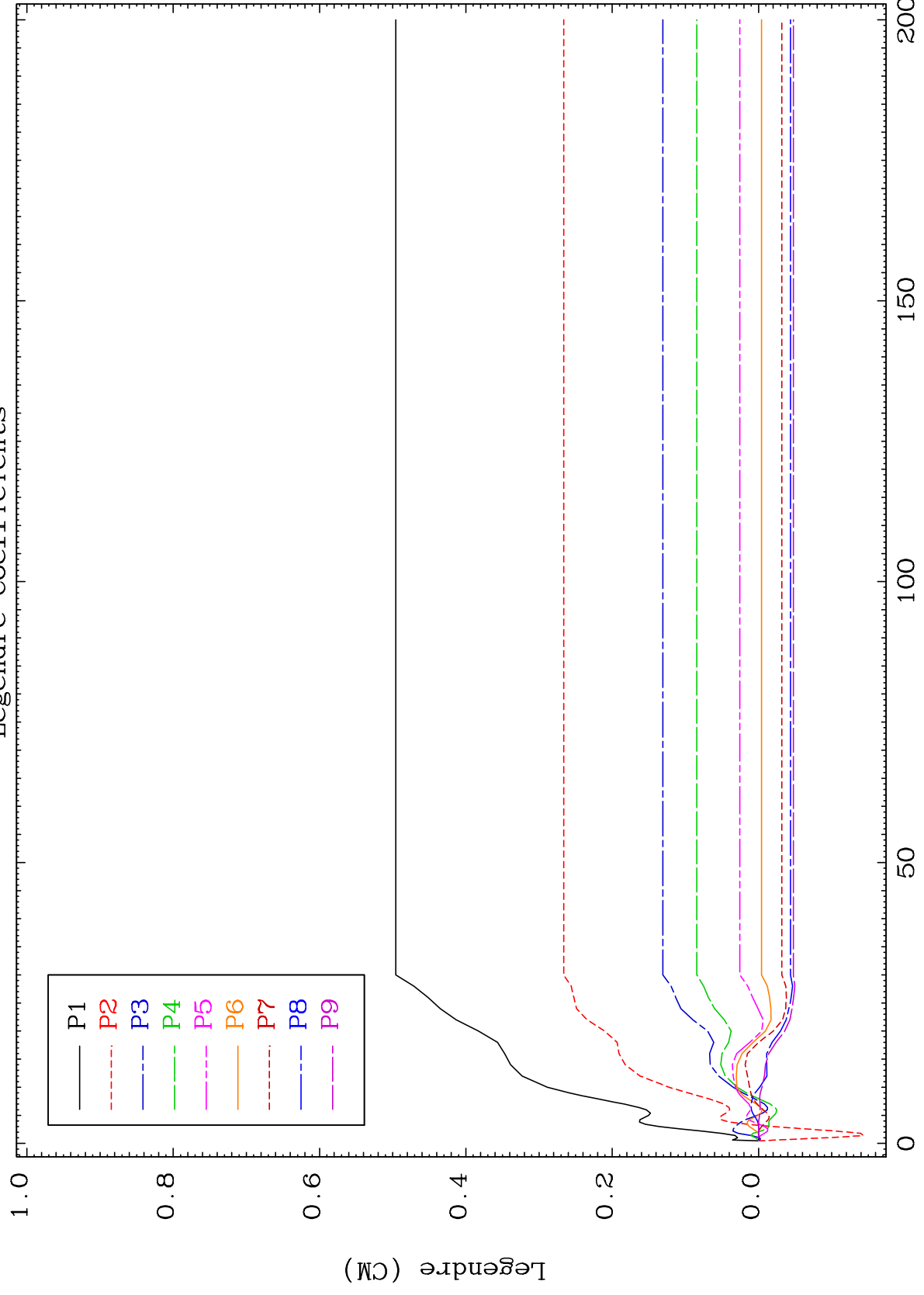
43-Tc-104

MAT 4340 MT= 59 (n,n') Level Legendre Coefficients 43-Tc-104



47 Incident Energy (MeV) 43-Tc-104

MAT 4340 MT= 60 (n,n') Level Legendre Coefficients 43-Tc-104

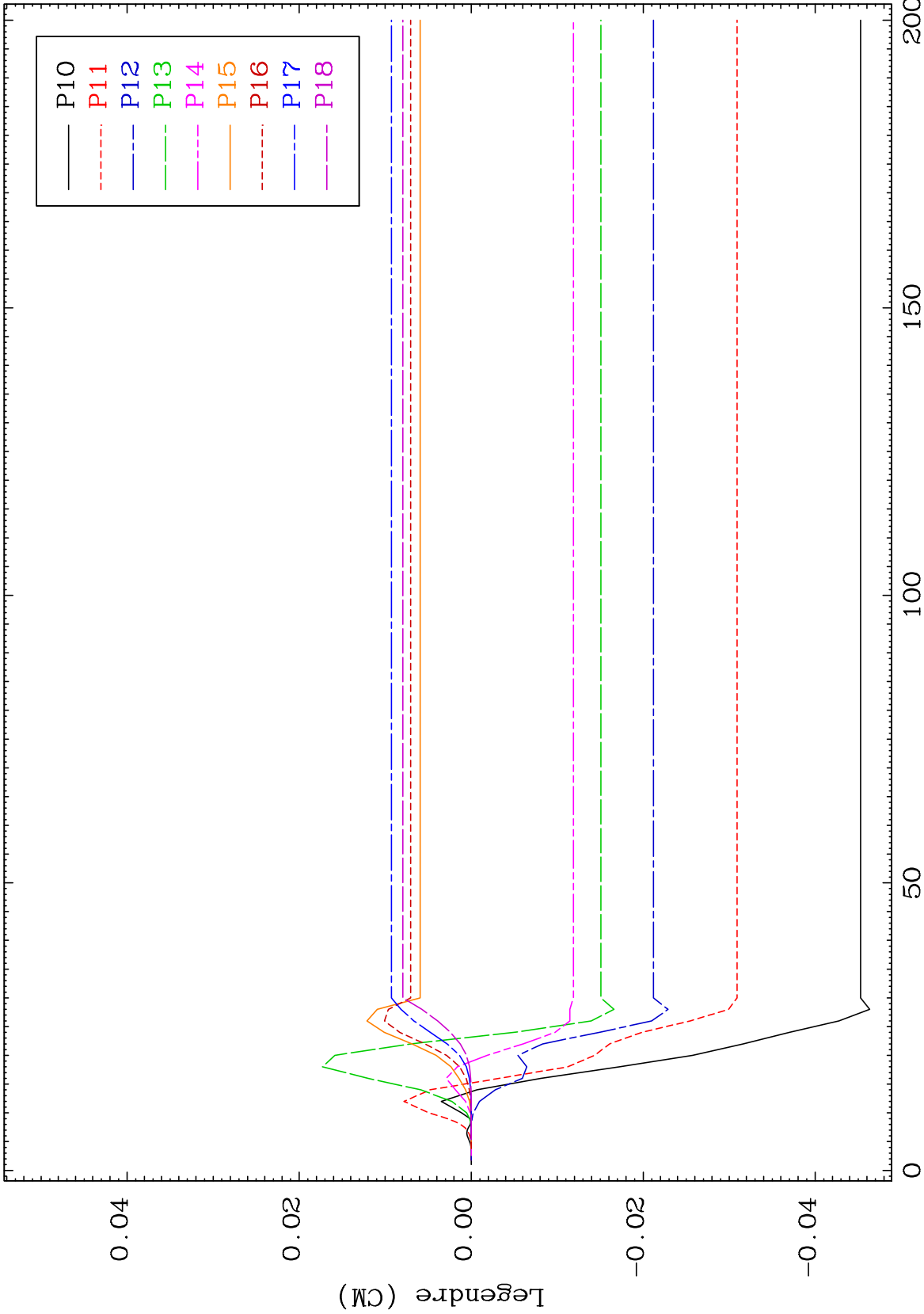


43-Tc-104 48

MAT 4340

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

43-Tc-104



49

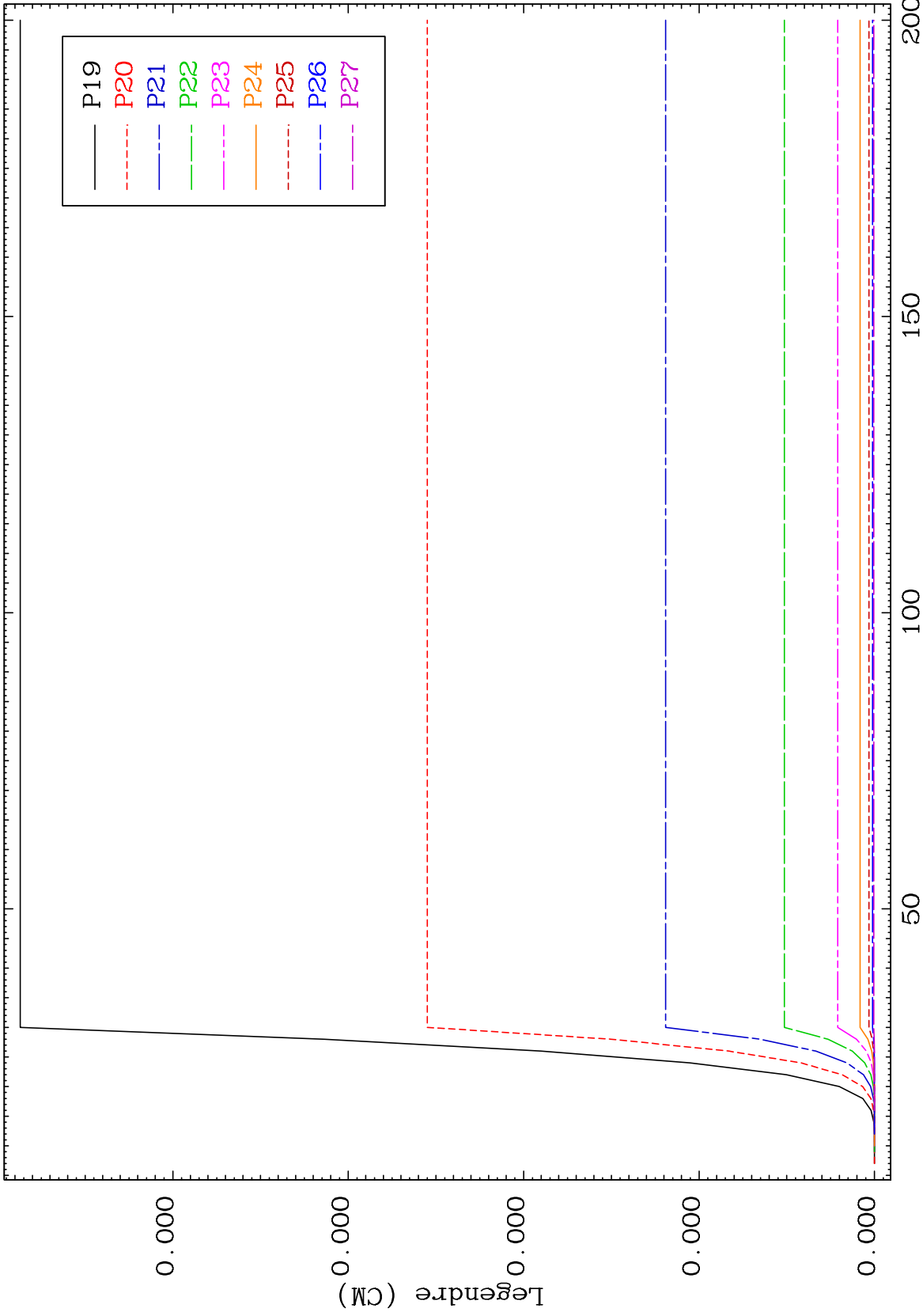
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104



50

Incident Energy (MeV)

43-Tc-104

200

150

100

50

P19

P20

P21

P22

P23

P24

P25

P26

P27

0.000

Legendre (CM)

0.000

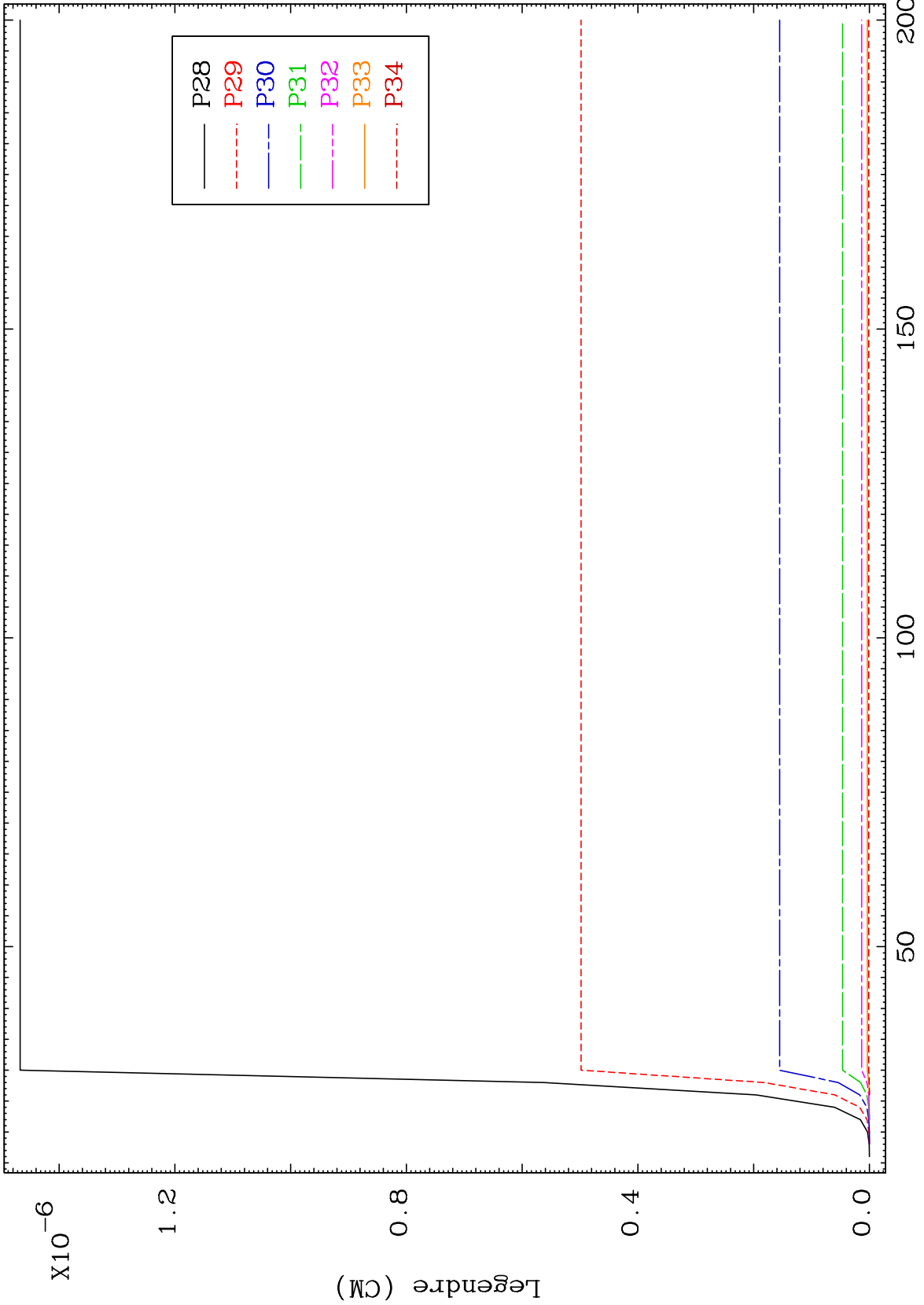
0.000

0.000

MAT 4340

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

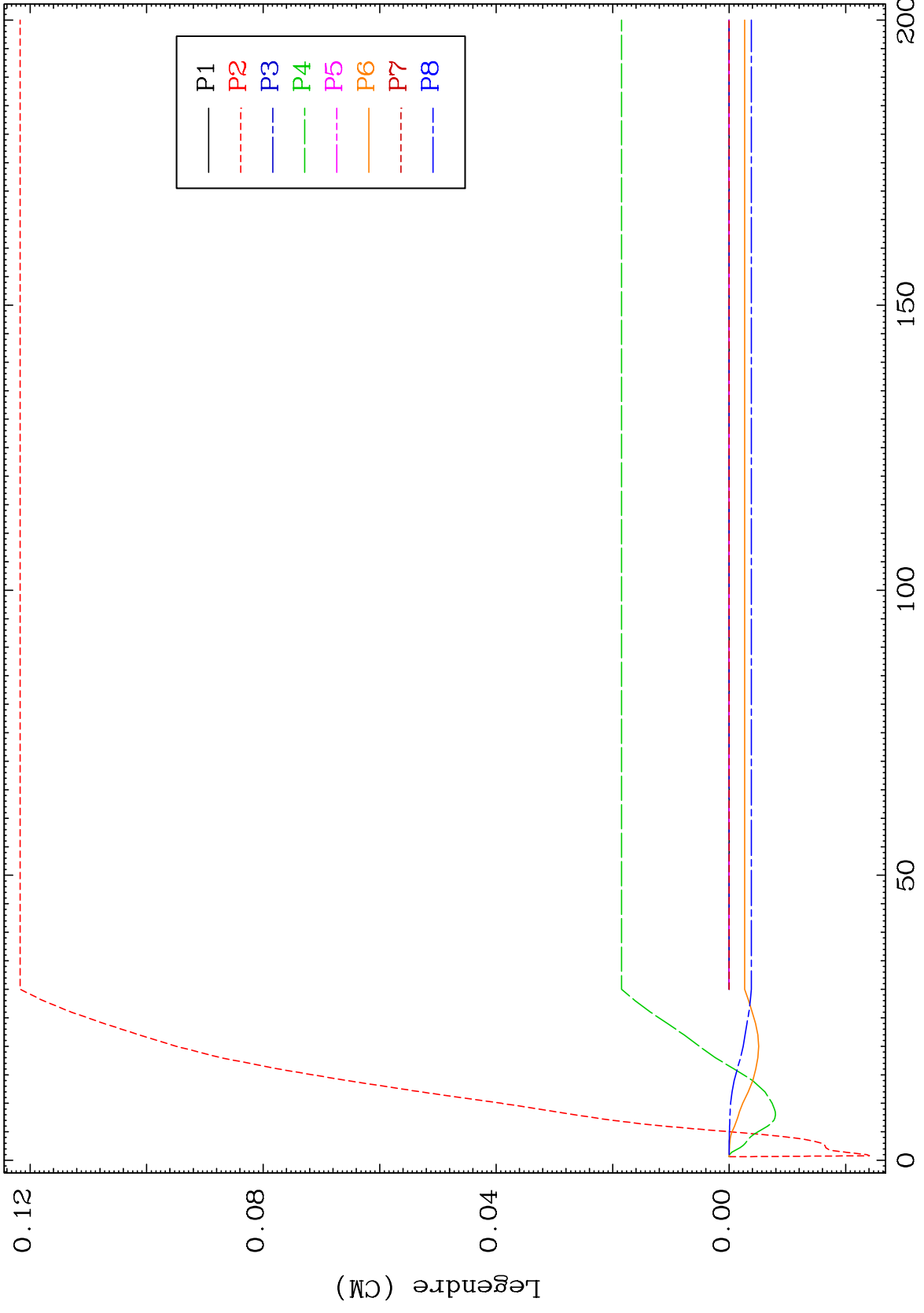
43-Tc-104



51

43-Tc-104

MAT 4340 MT= 61 (n,n') Level Legendre Coefficients 43-Tc-104

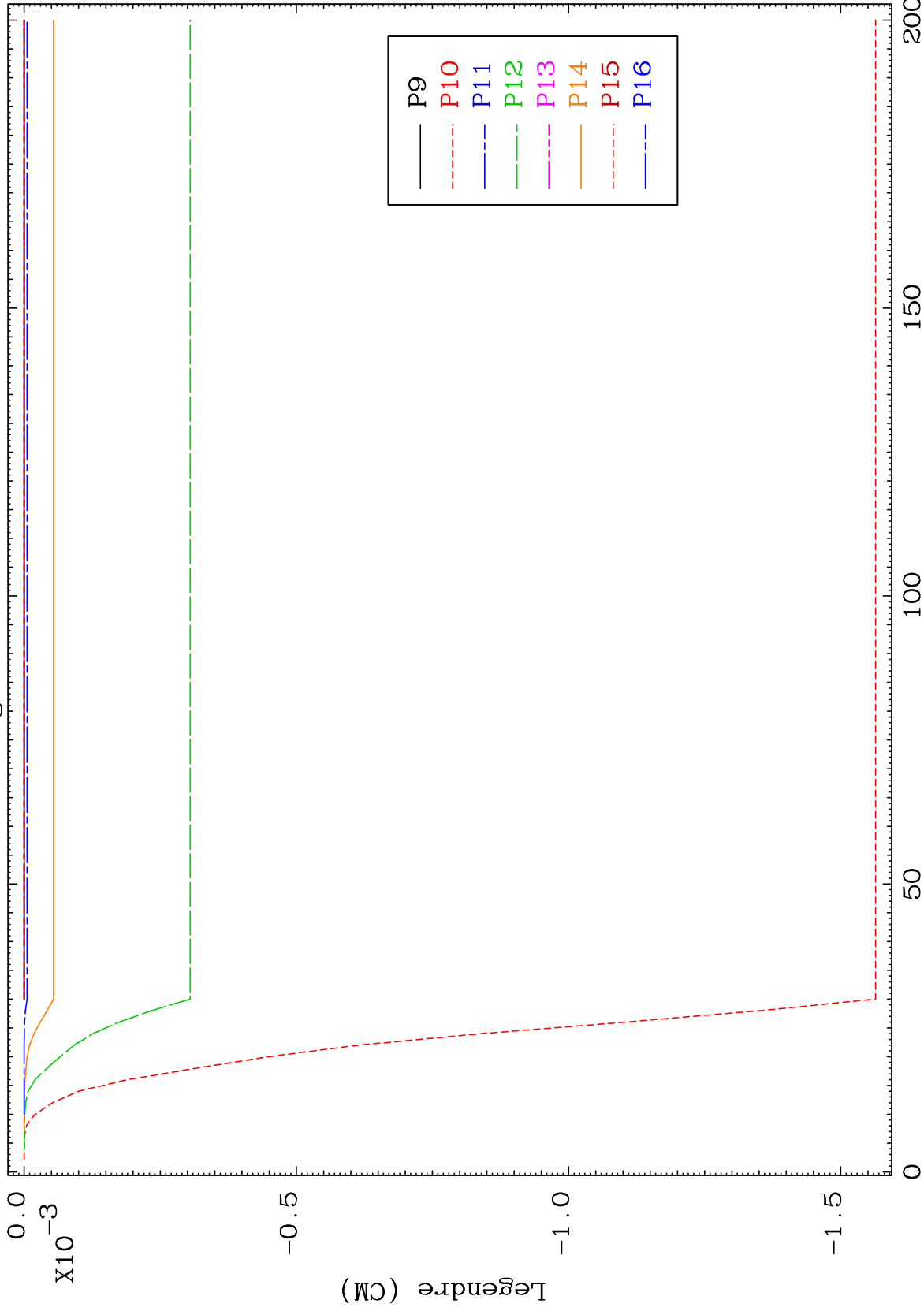


52 Incident Energy (MeV) 43-Tc-104

MAT 4340

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

43-Tc-104

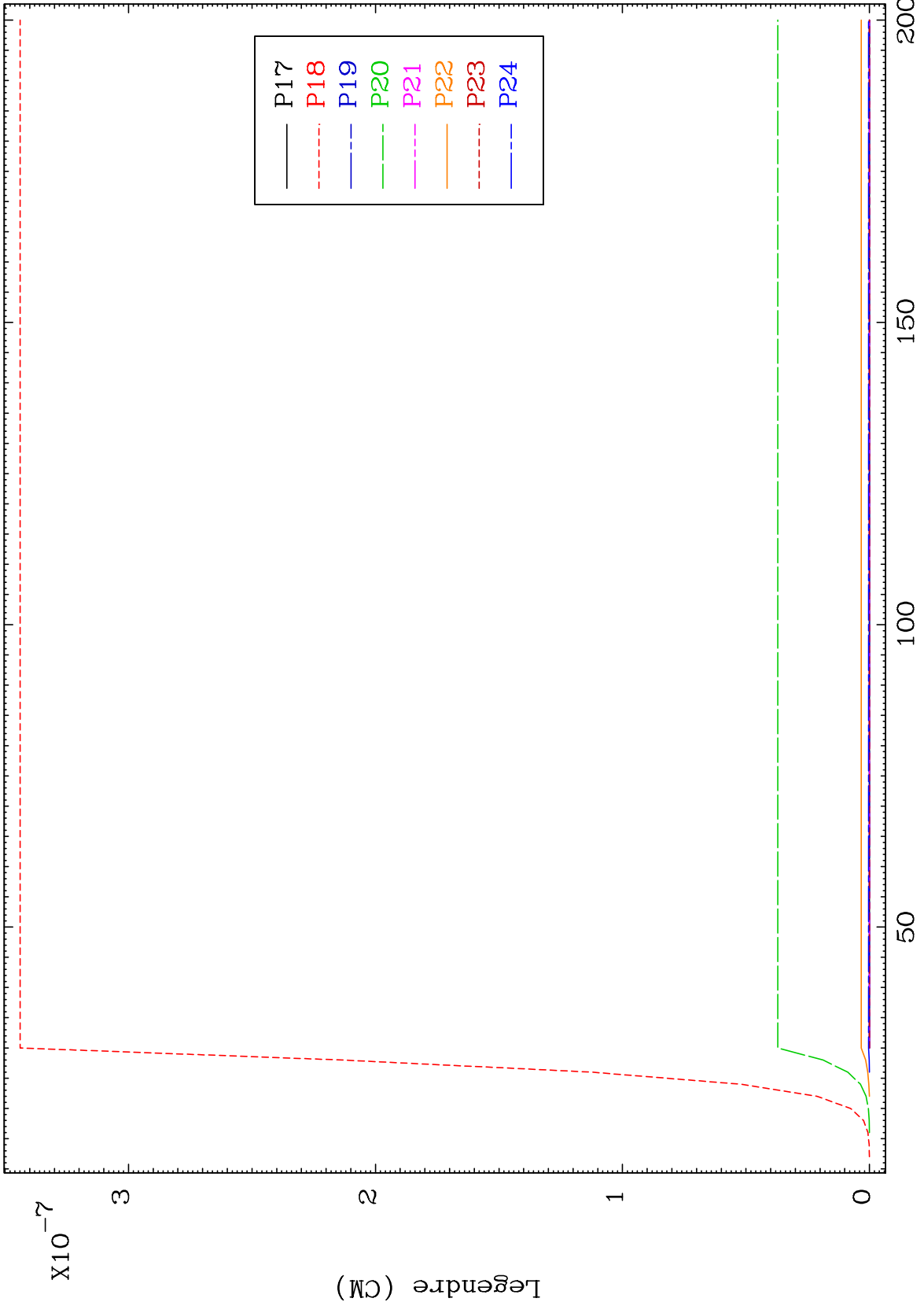


43-Tc-104

Incident Energy (MeV)

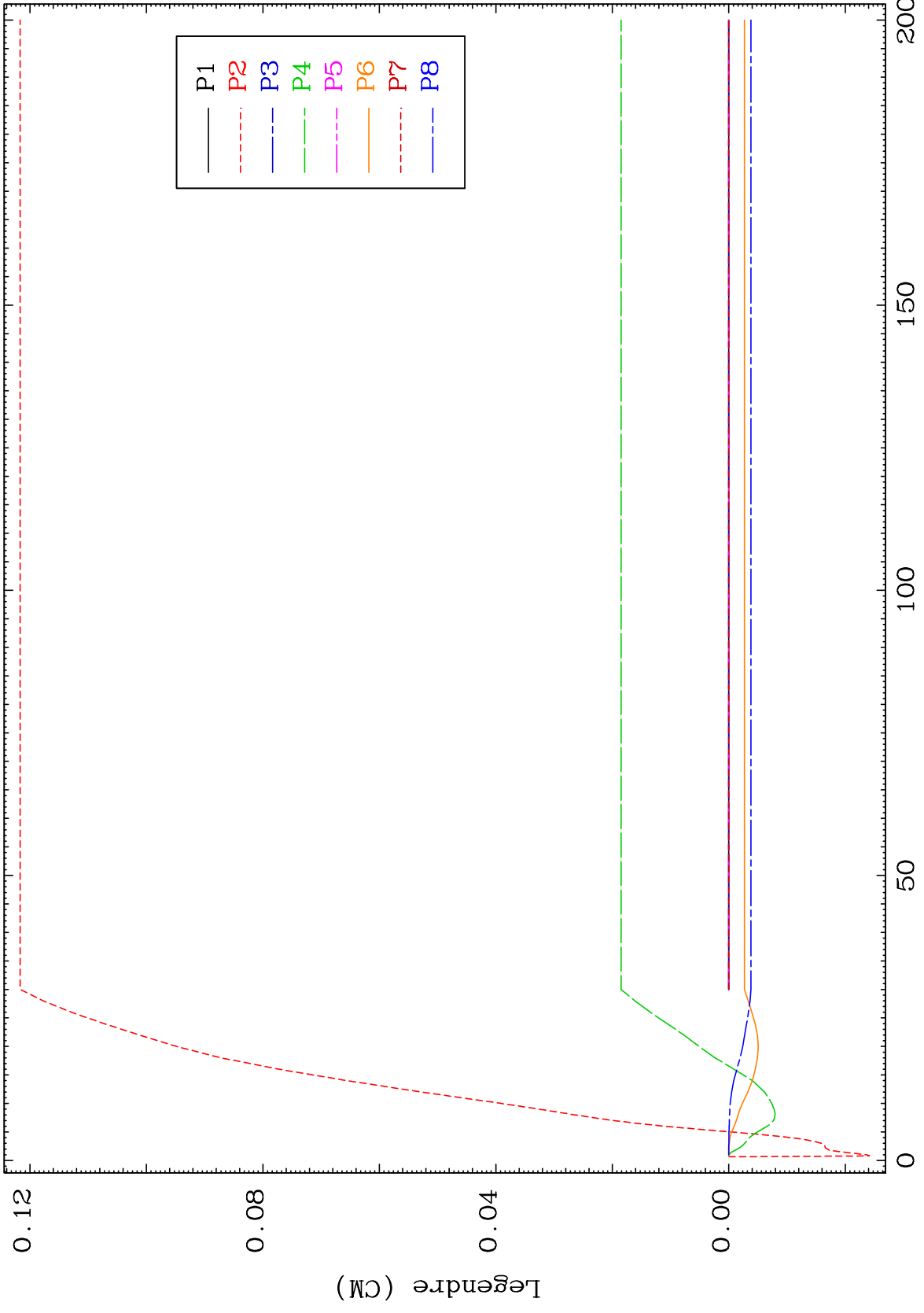
53

MAT 4340 MT= 61 (n,n') Level Legendre Coefficients 43-Tc-104



54 Incident Energy (MeV) 43-Tc-104

MAT 4340 MT= 62 (n,n') Level Legendre Coefficients 43-Tc-104

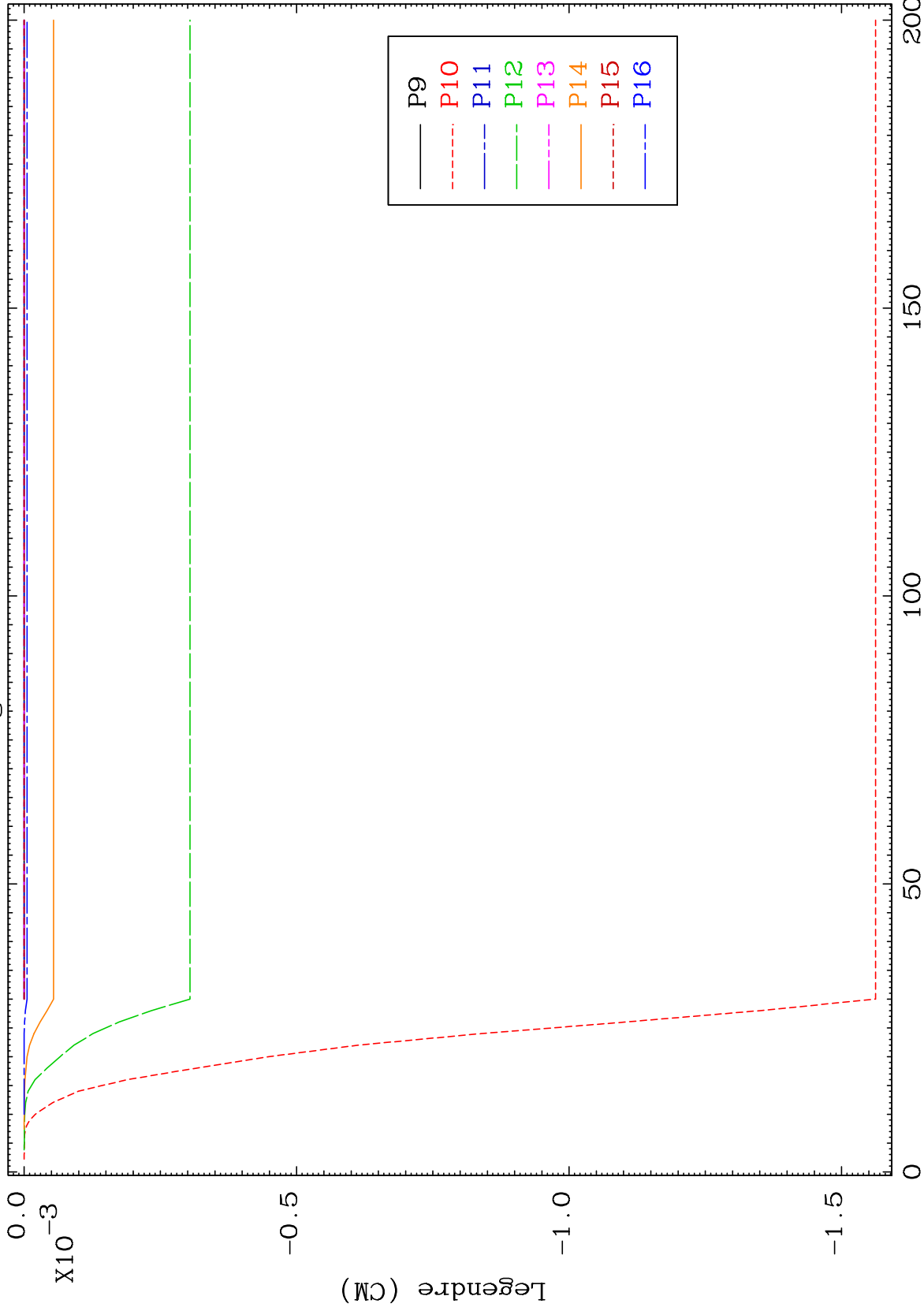


55 Incident Energy (MeV) 43-Tc-104

MAT 4340

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

43-Tc-104

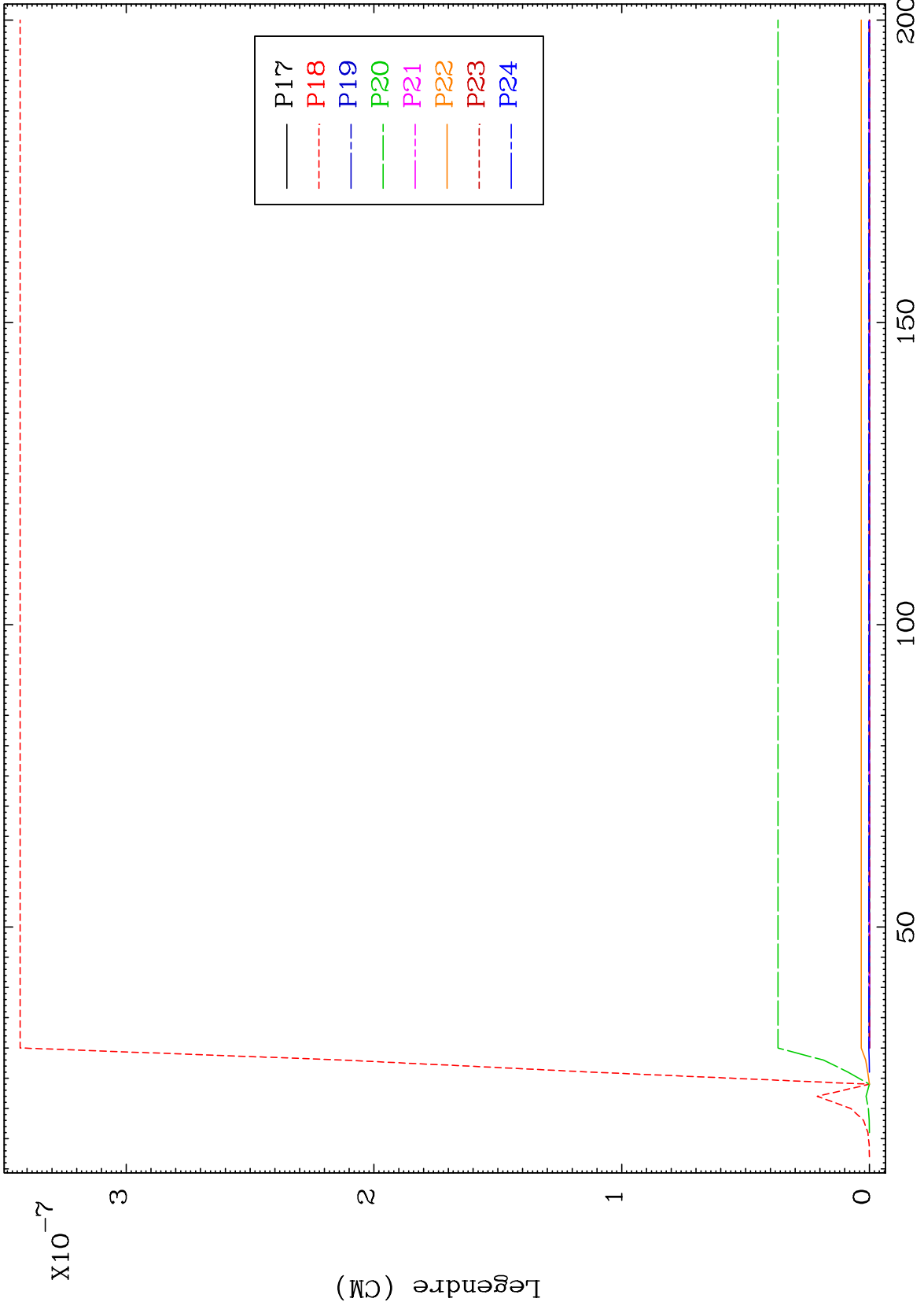


43-Tc-104

Incident Energy (MeV)

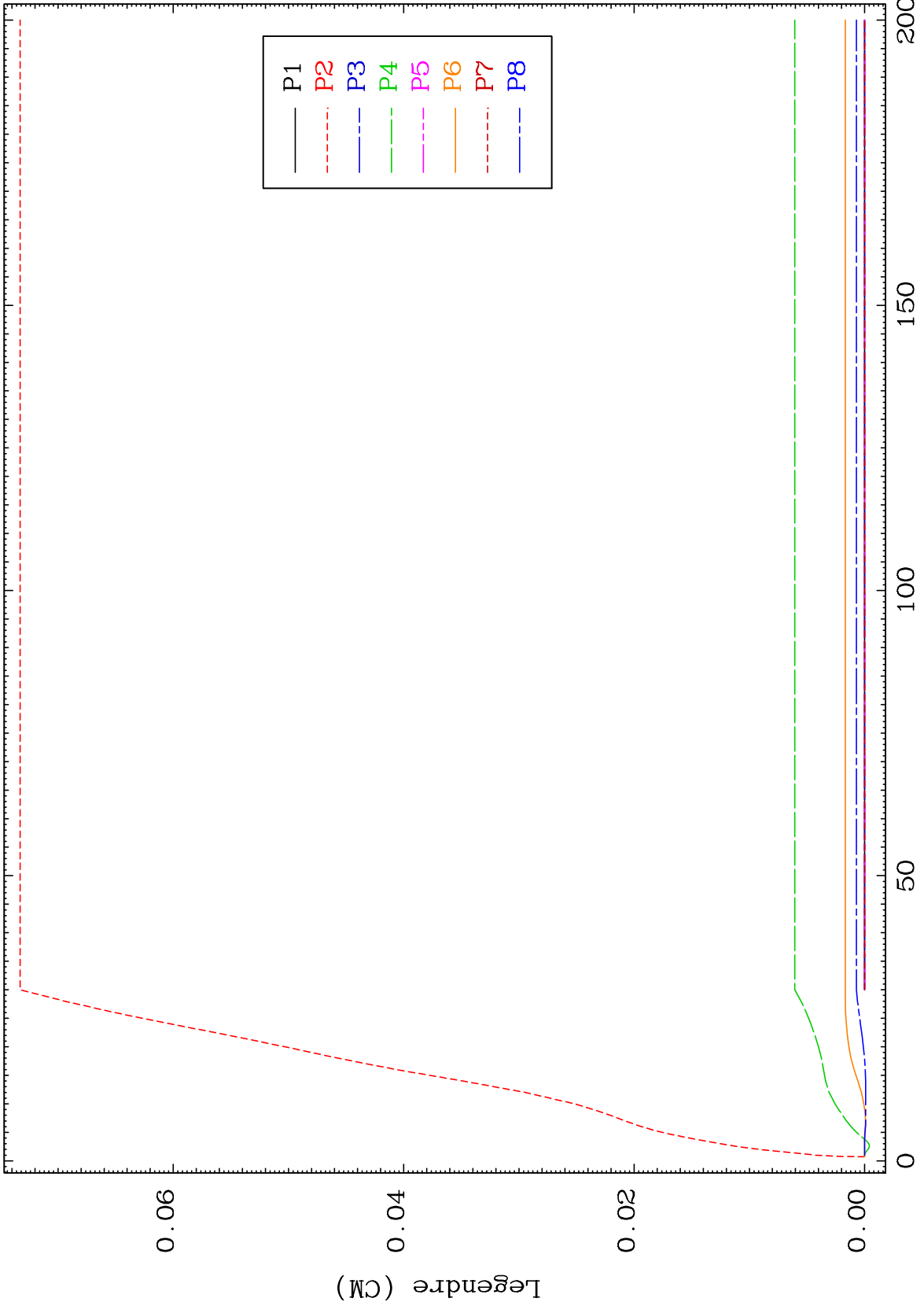
56

MAT 4340 MT= 62 (n,n') Level Legendre Coefficients 43-Tc-104



57 Incident Energy (MeV) 43-Tc-104

MAT 4340 MT= 63 (n,n') Level Legendre Coefficients 43-Tc-104

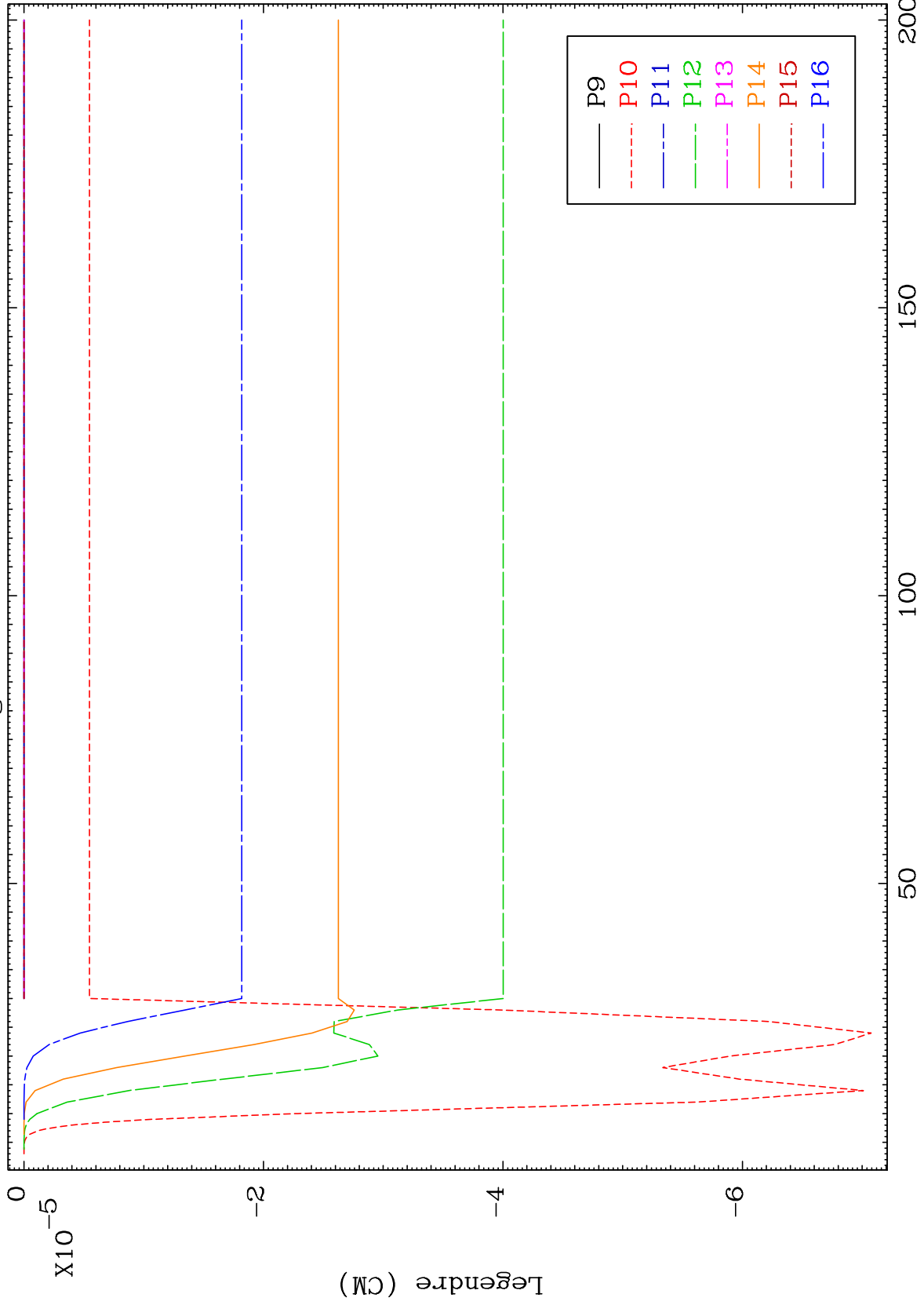


58 43-Tc-104

MAT 4340

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

43-Tc-104

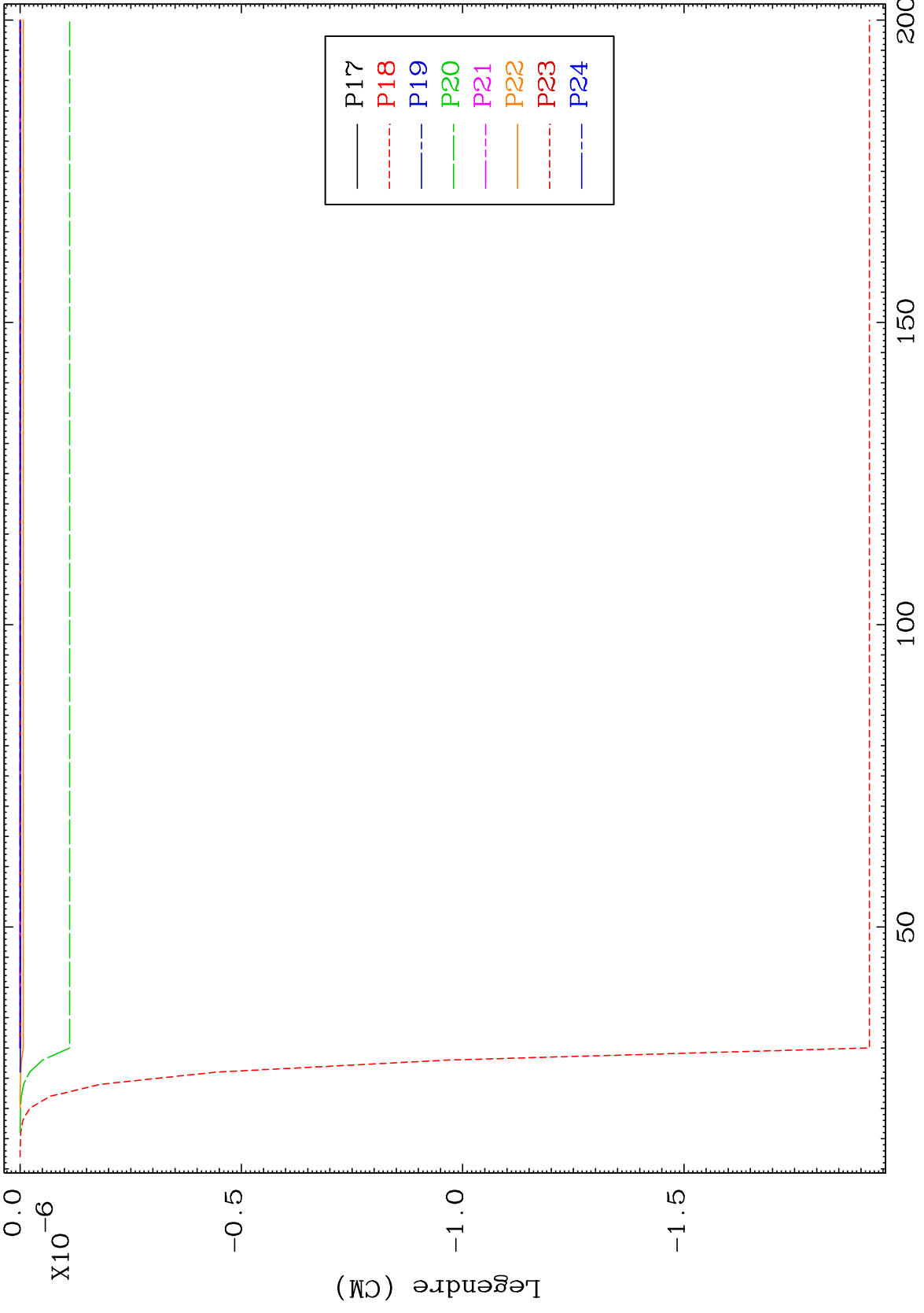


59

Incident Energy (MeV)

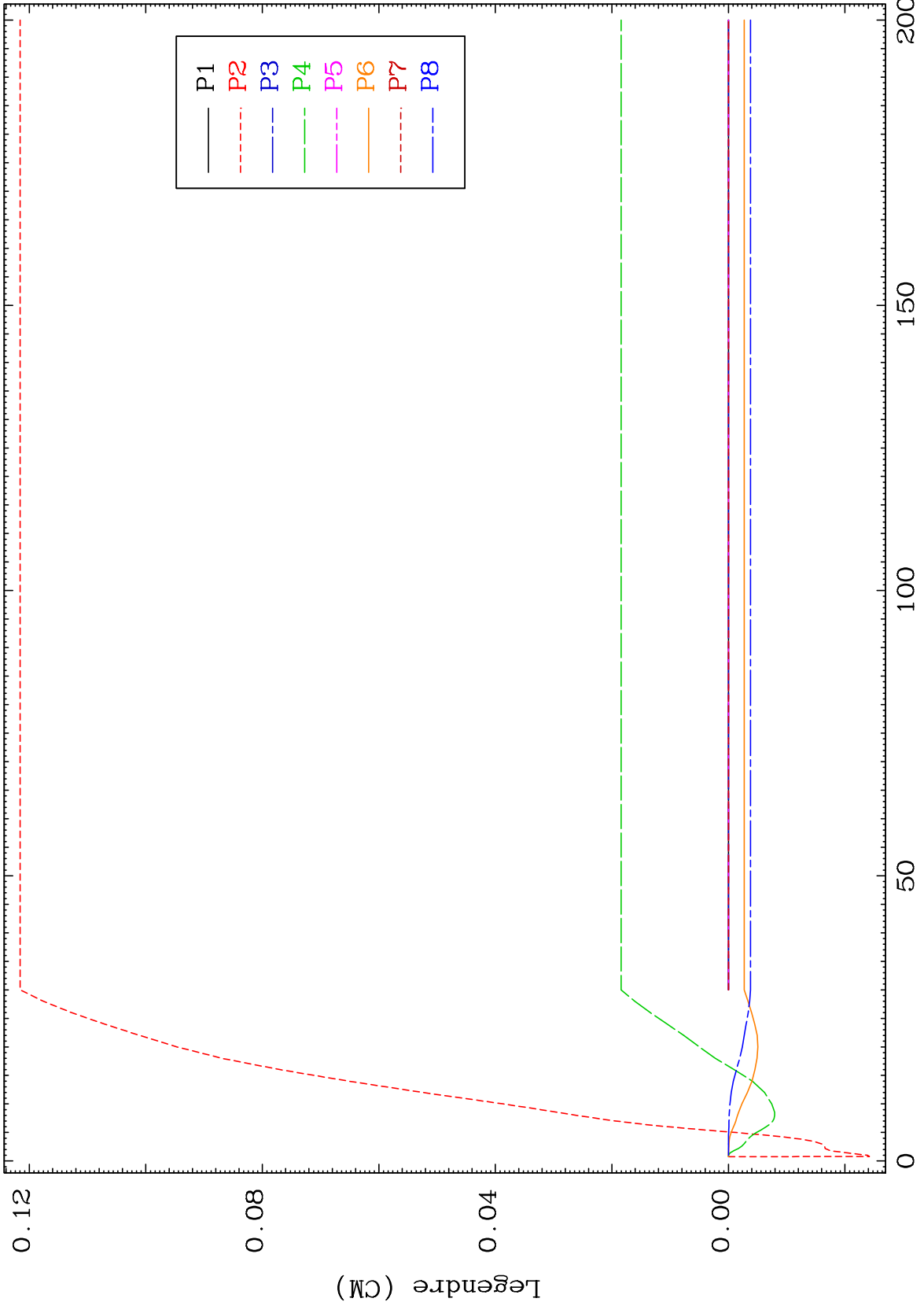
43-Tc-104

MAT 4340 MT= 63 (n,n') Level Legendre Coefficients 43-Tc-104



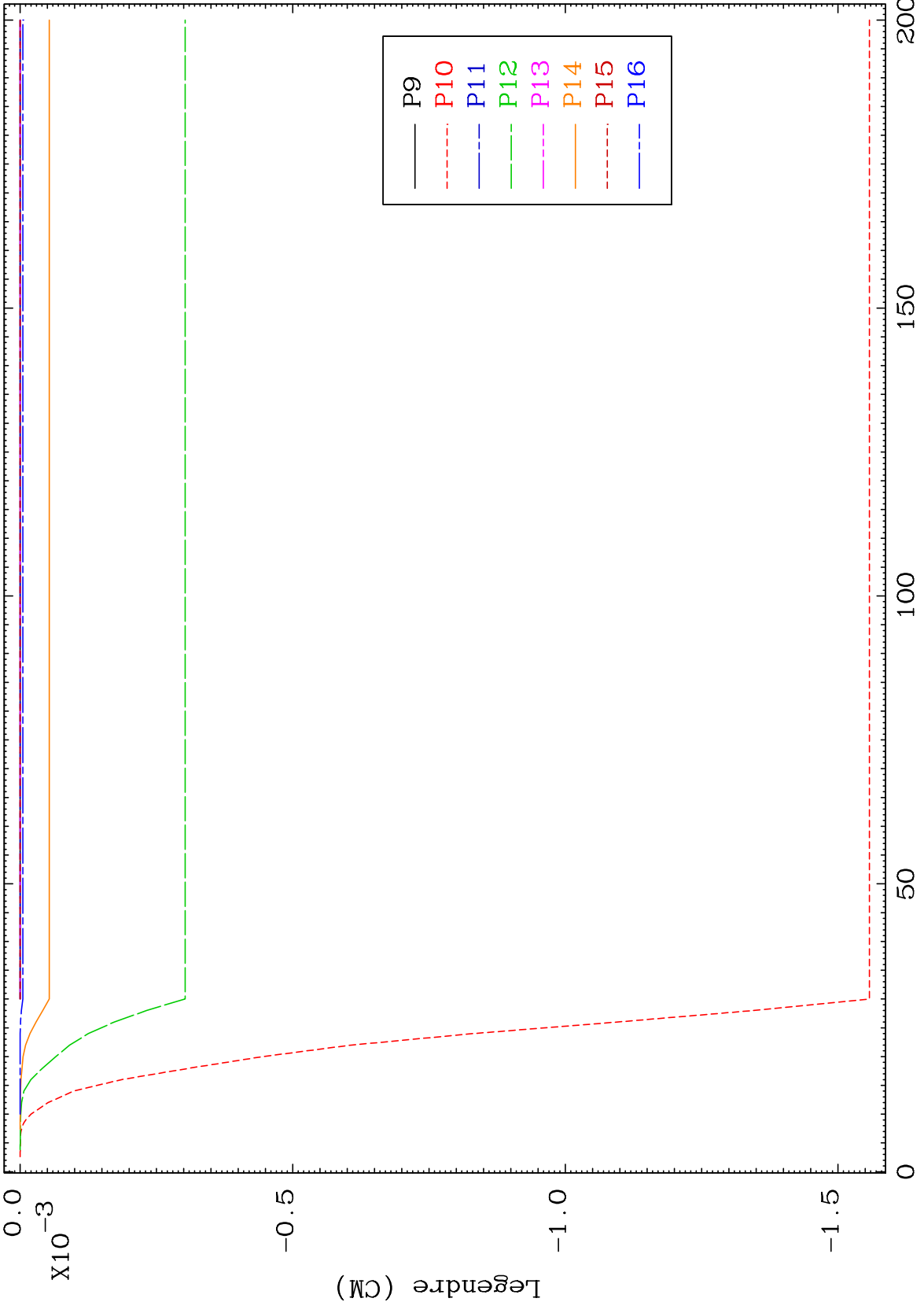
60 Incident Energy (MeV) 43-Tc-104

MAT 4340 MT= 64 (n,n') Level Legendre Coefficients 43-Tc-104



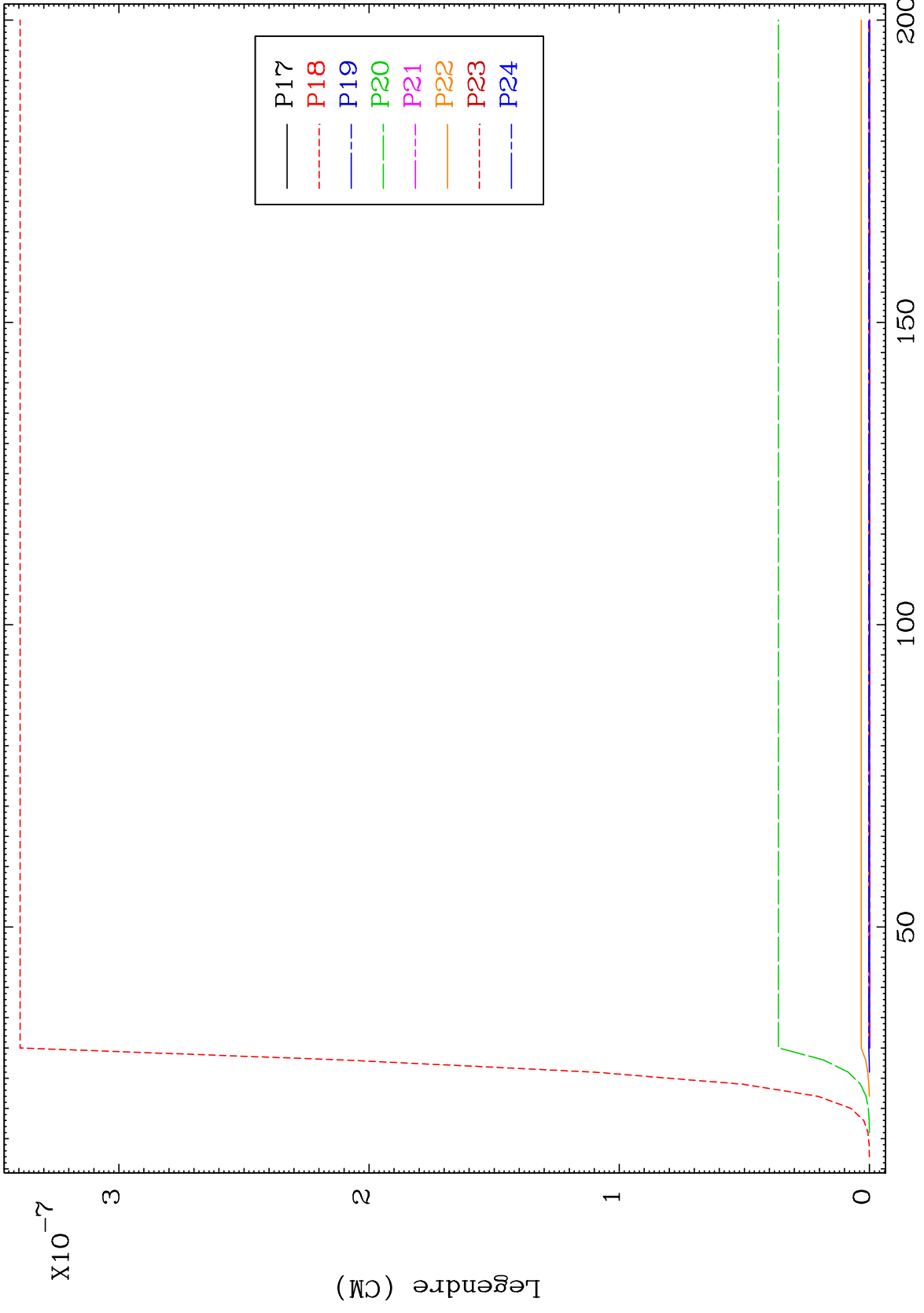
61 43-Tc-104

MAT 4340 MT= 64 (n,n') Level Legendre Coefficients 43-Tc-104



62 43-Tc-104

MAT 4340 MT= 64 (n,n') Level Legendre Coefficients 43-Tc-104

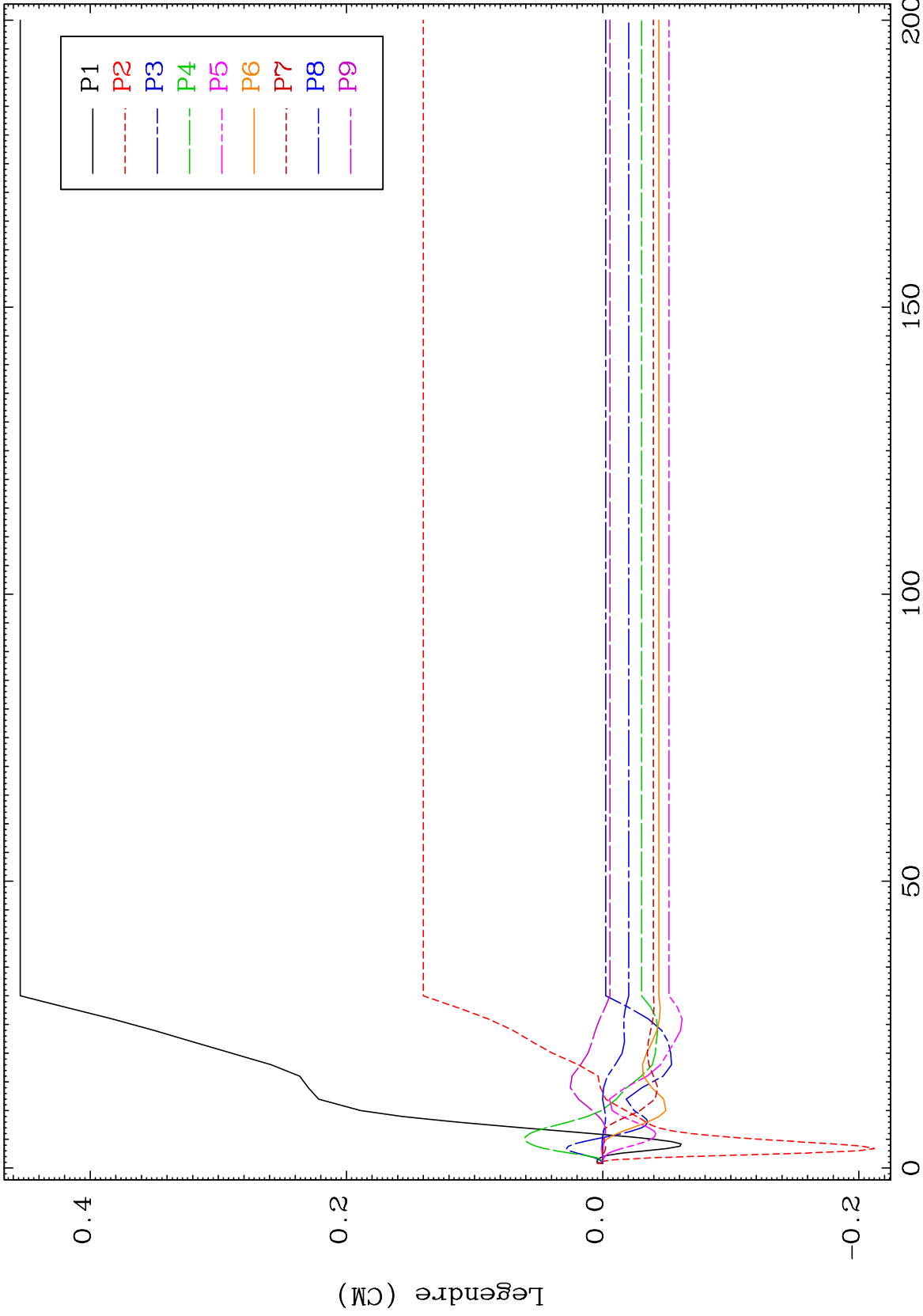


63 Incident Energy (MeV) 43-Tc-104

MAT 4340

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

43-Tc-104



64

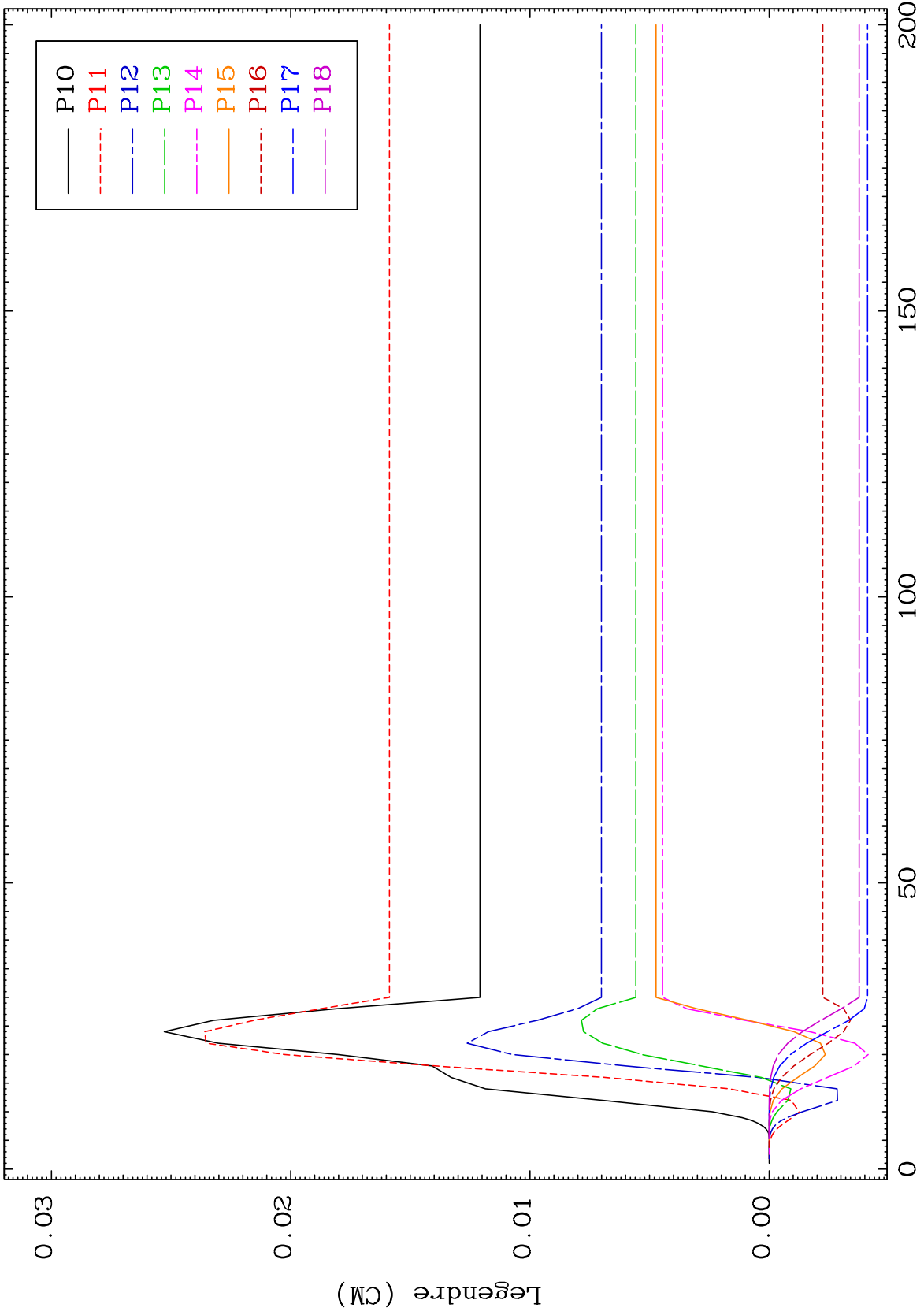
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104



65

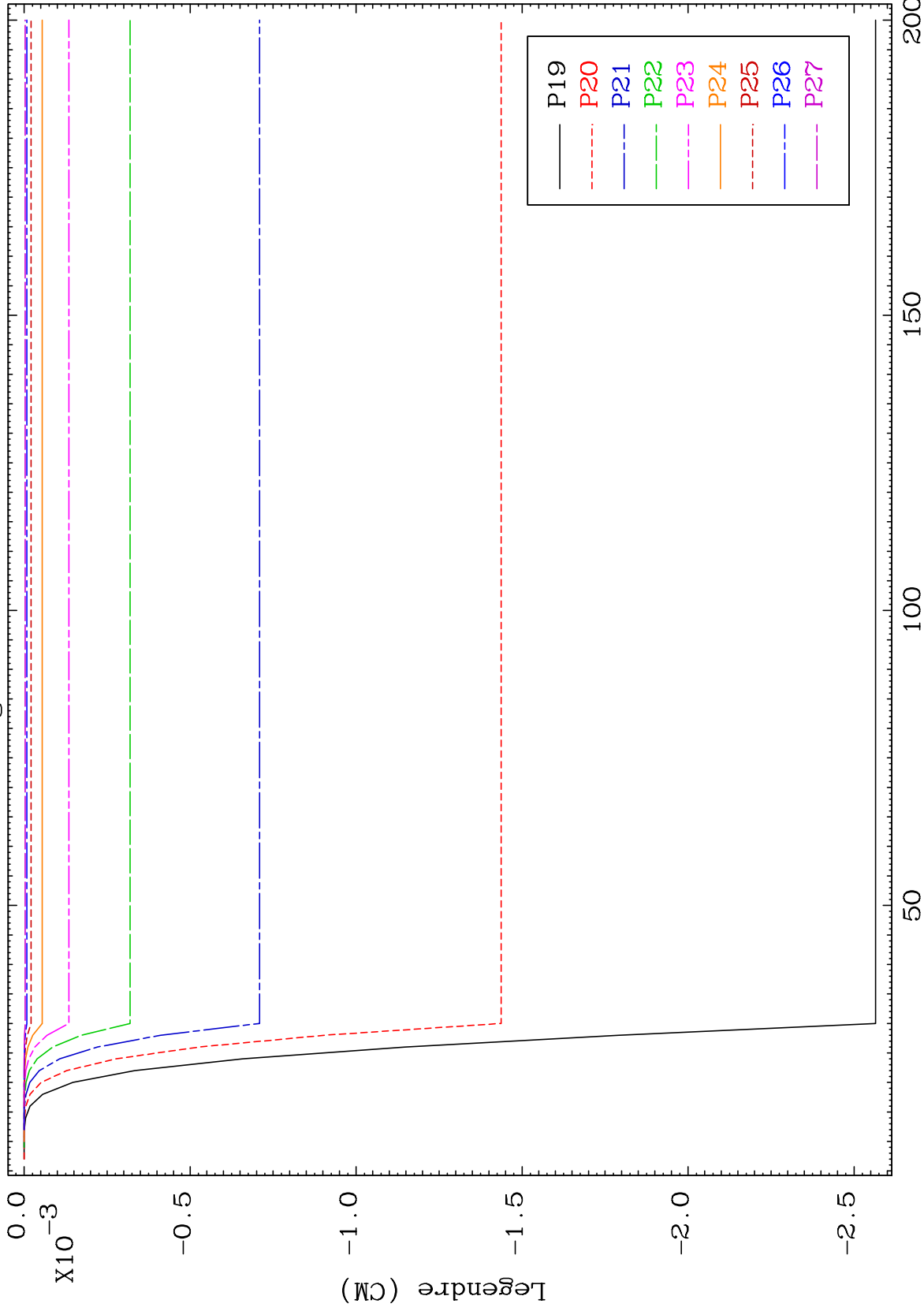
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104



43-Tc-104

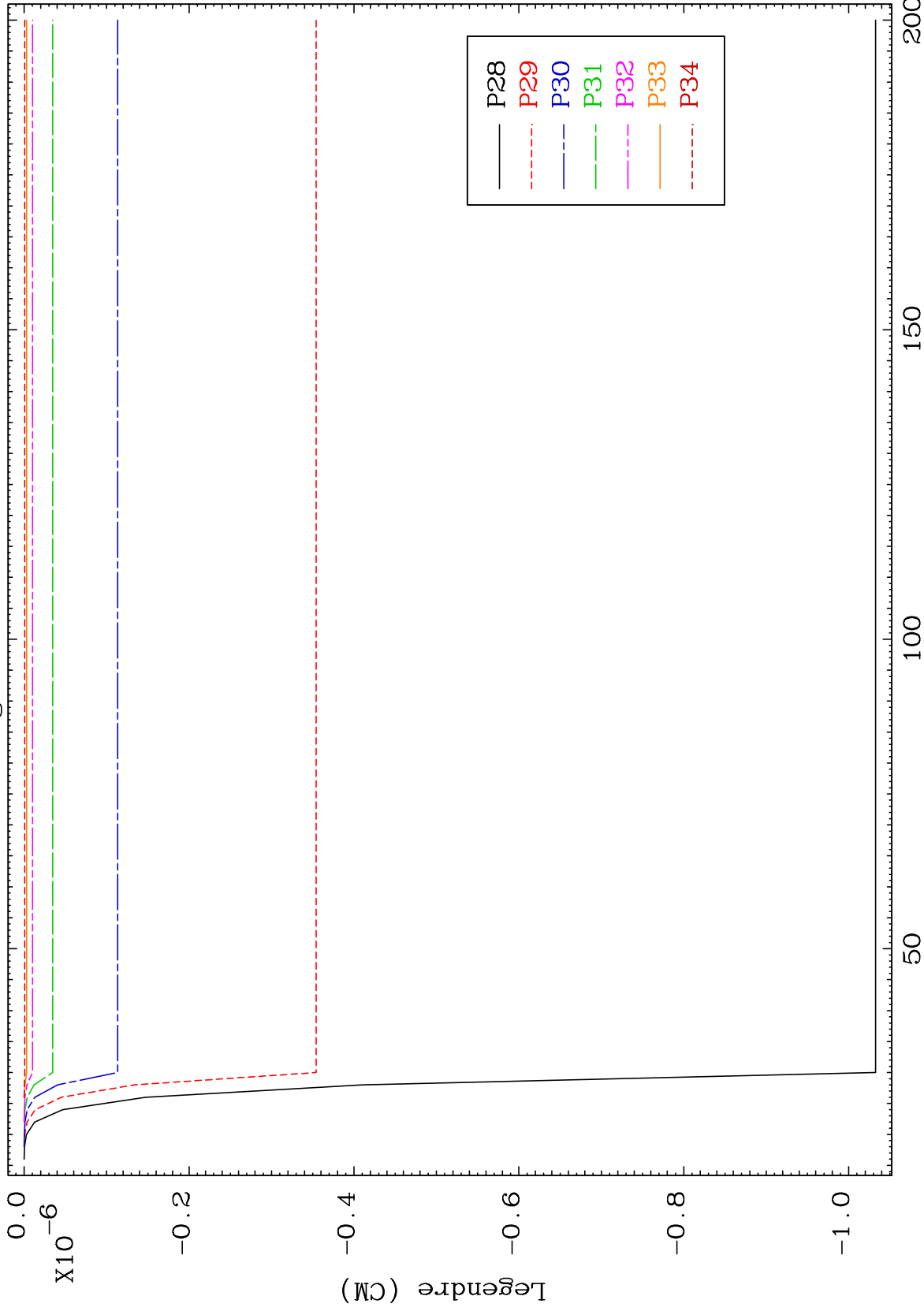
Incident Energy (MeV)

66

MAT 4340

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

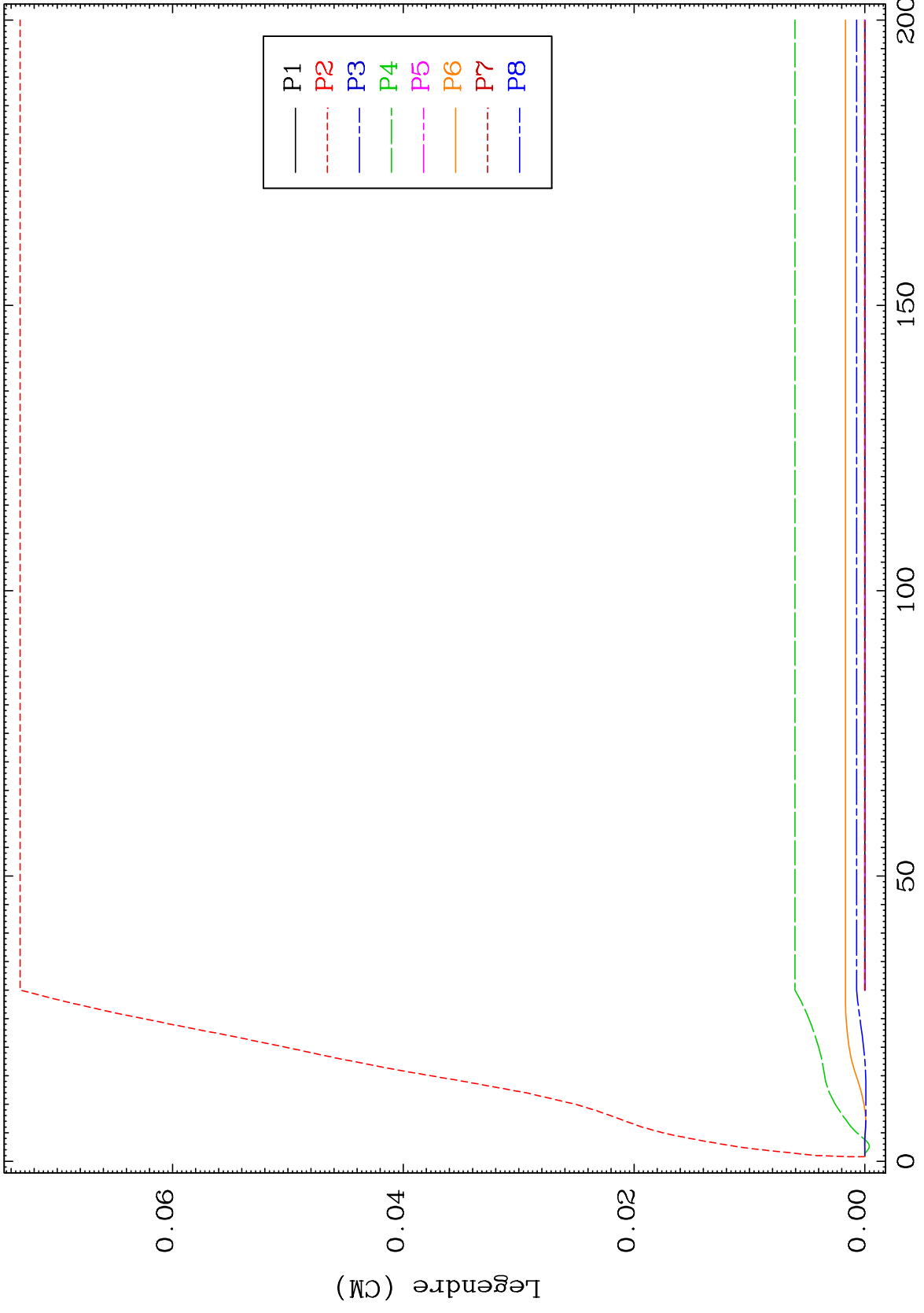
43-Tc-104



67

43-Tc-104

MAT 4340 MT= 66 (n,n') Level Legendre Coefficients 43-Tc-104

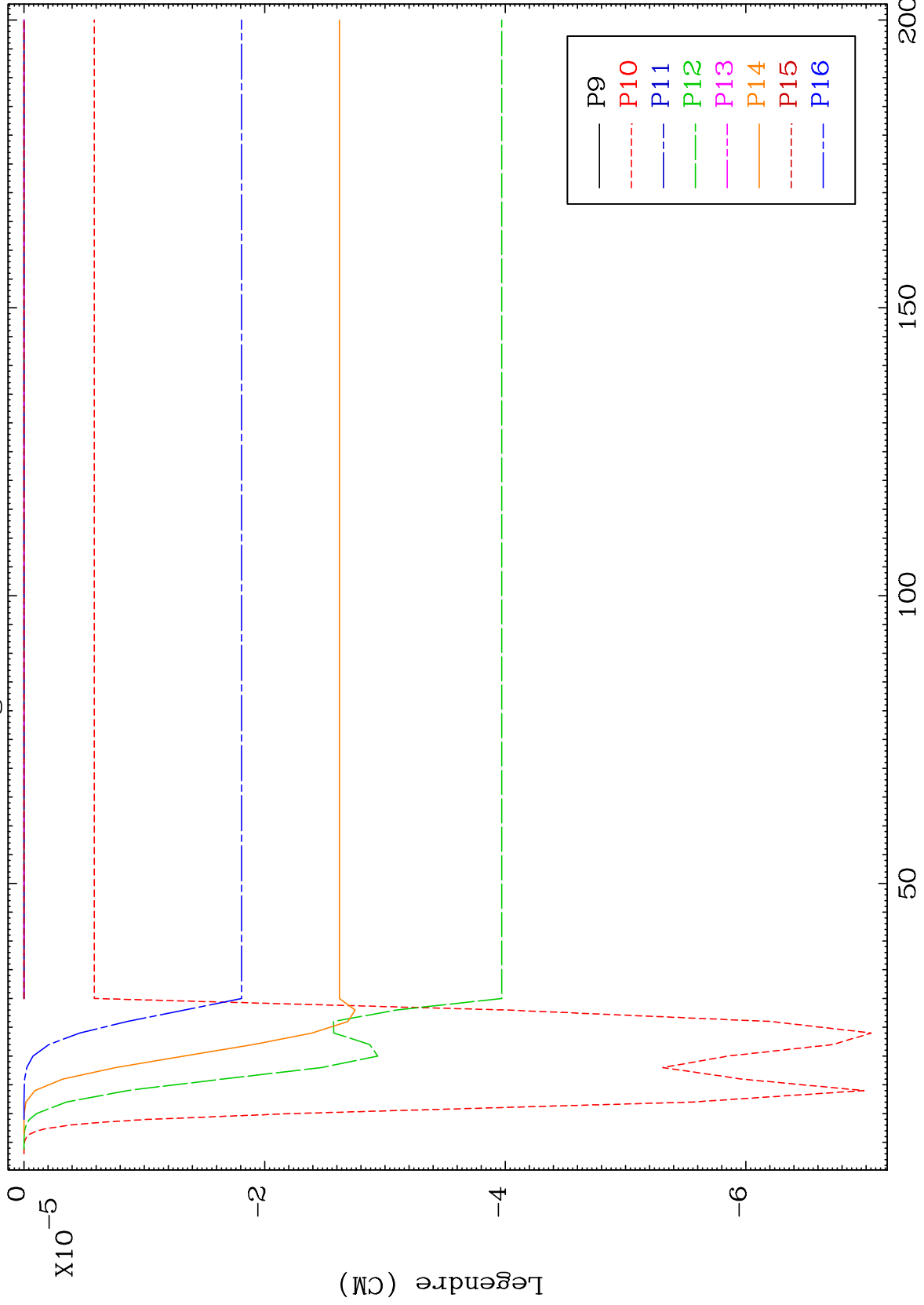


68 43-Tc-104

MAT 4340

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

43-Tc-104



43-Tc-104

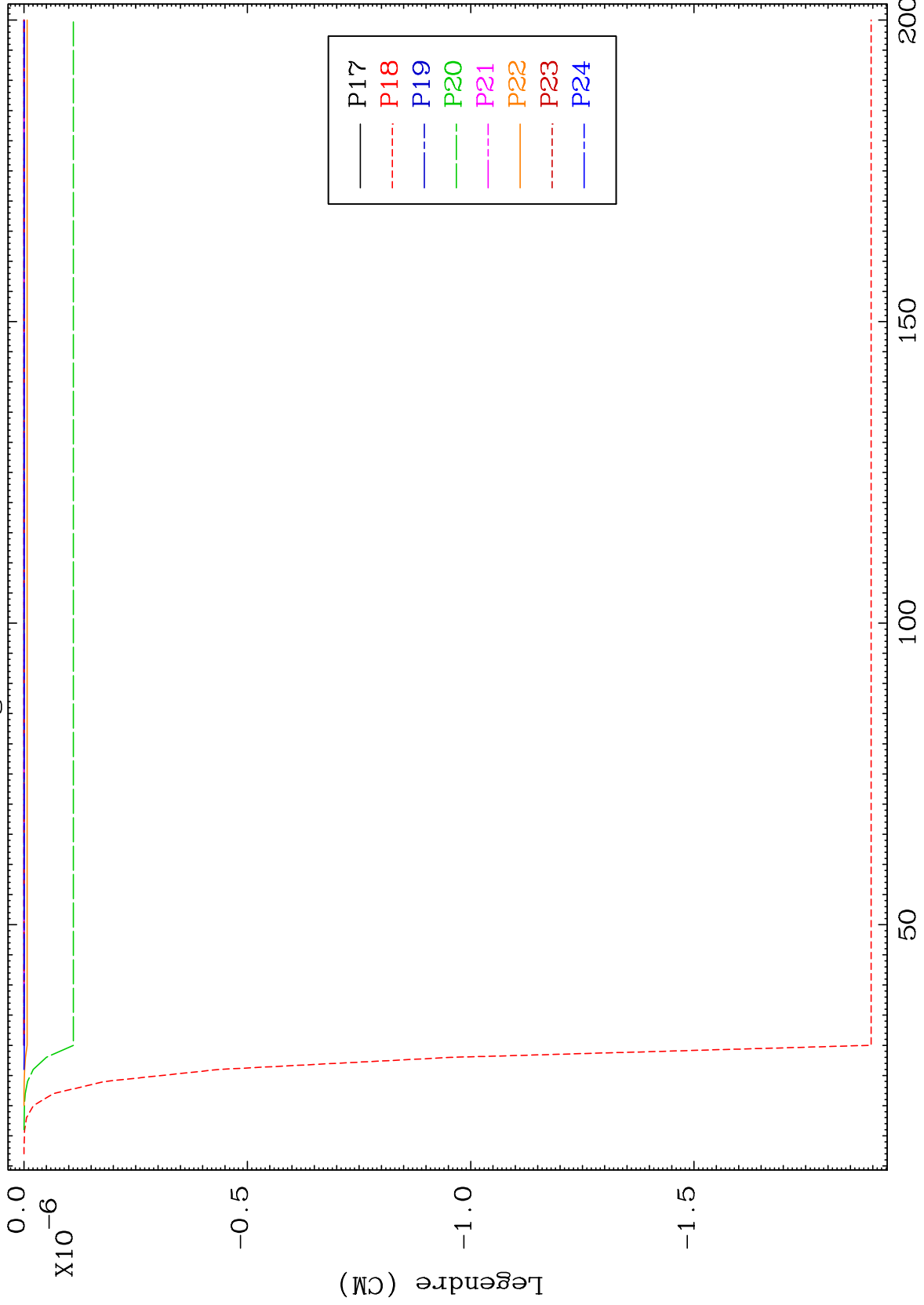
Incident Energy (MeV)

69

MAT 4340

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

43-Tc-104



43-Tc-104

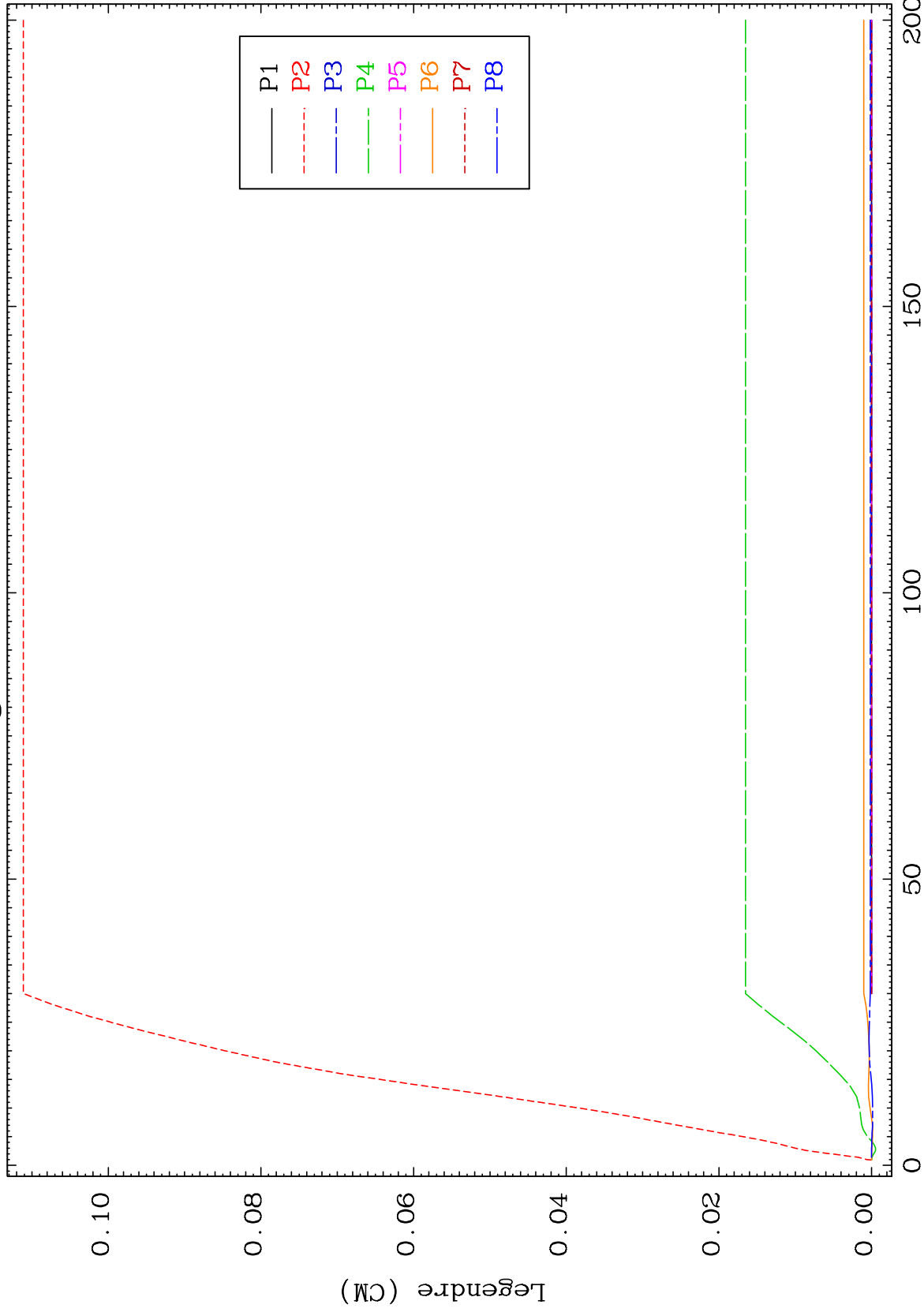
Incident Energy (MeV)

70

MAT 4340

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

43-Tc-104



71

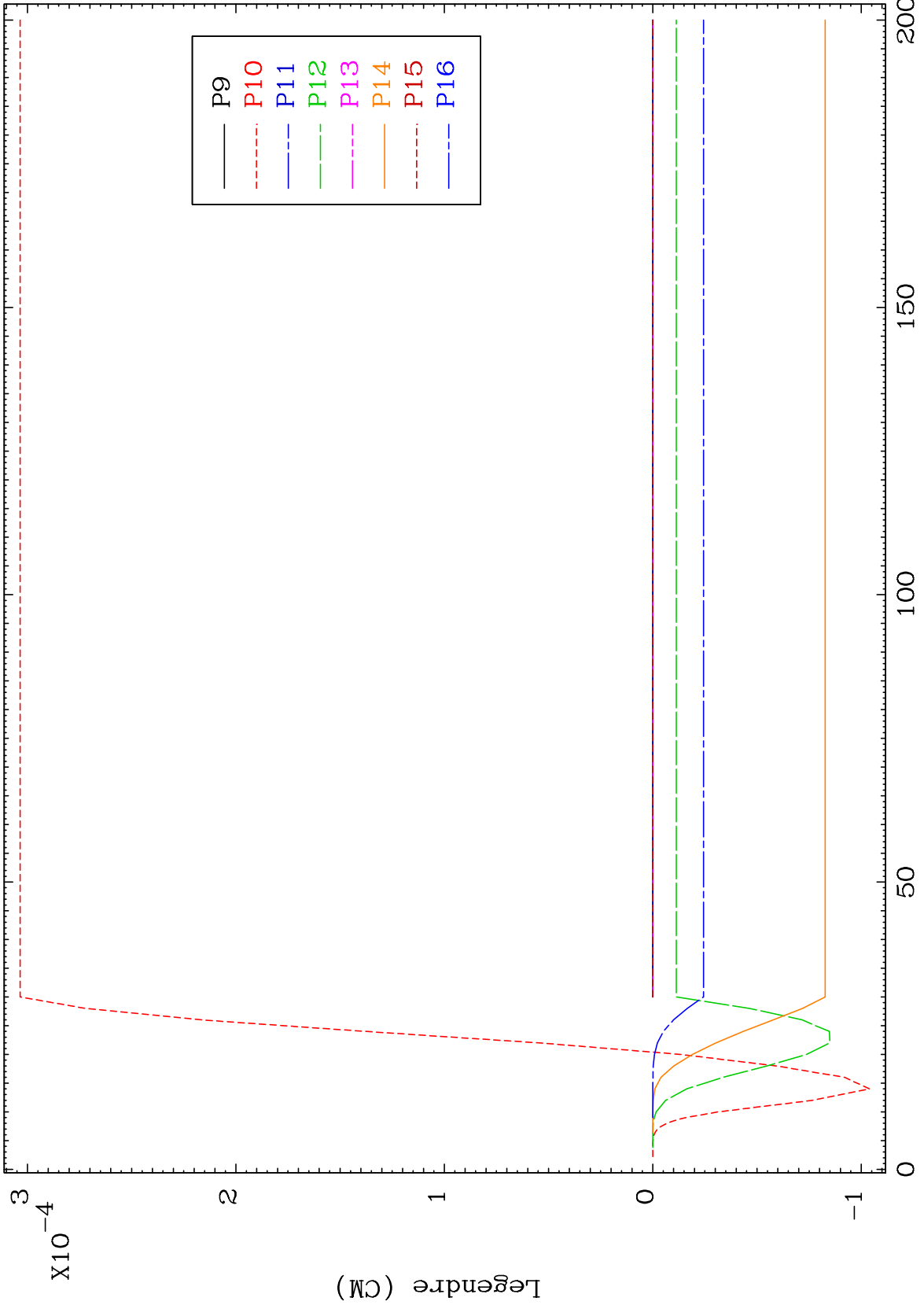
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104

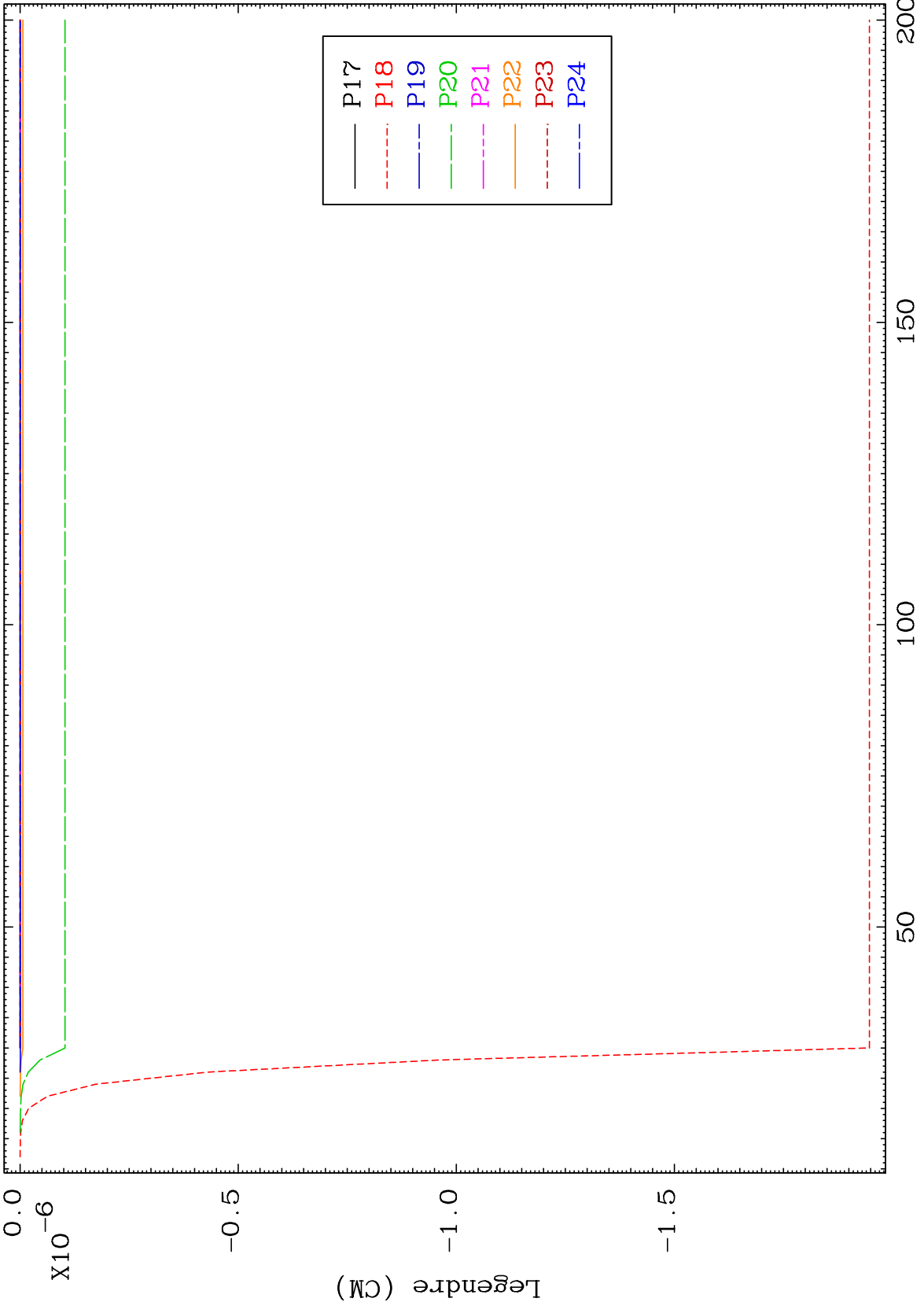


72

Incident Energy (MeV)

43-Tc-104

MAT 4340 MT= 67 (n,n') Level Legendre Coefficients 43-Tc-104

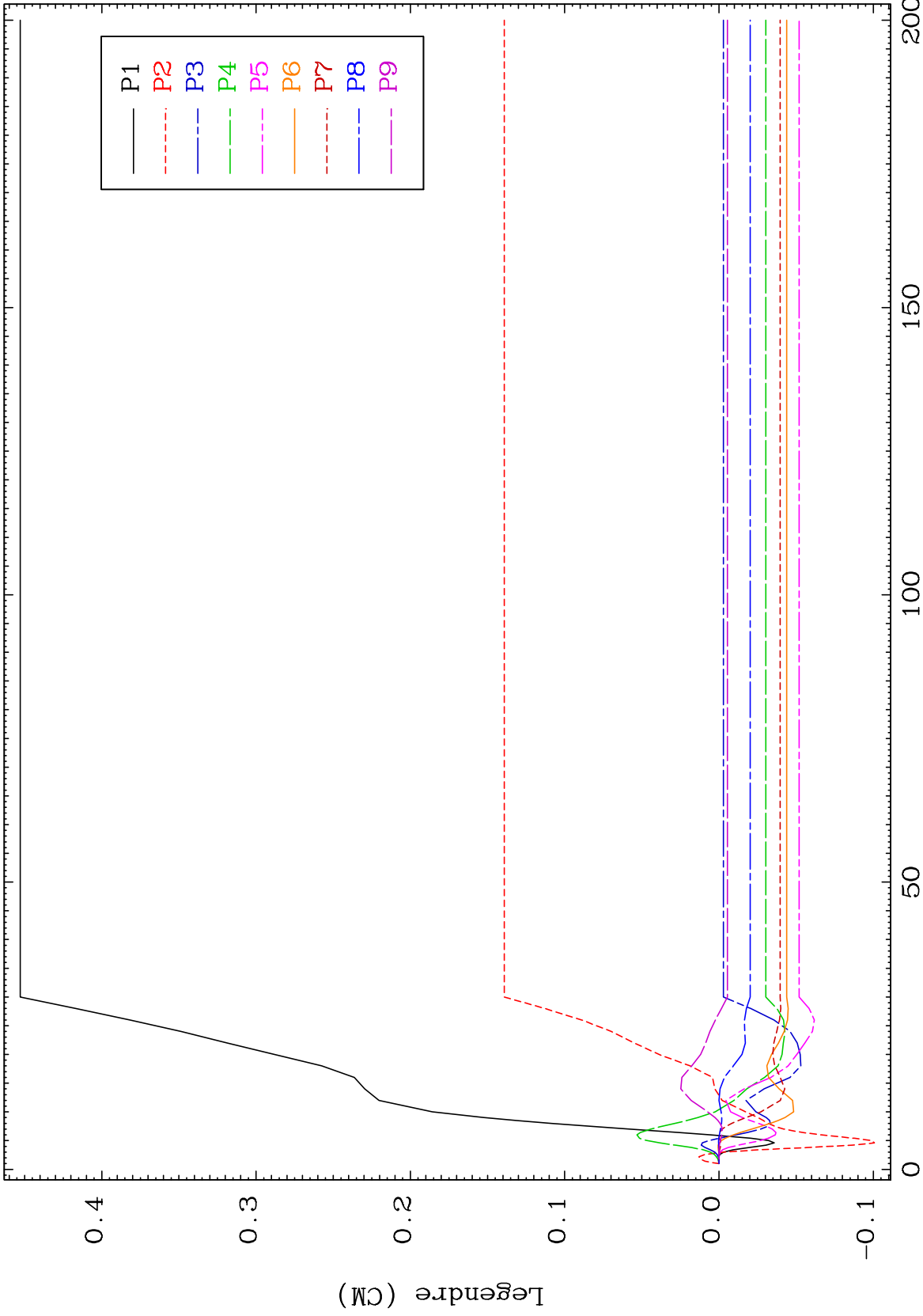


73 Incident Energy (MeV) 43-Tc-104

MAT 4340

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

43-Tc-104



74

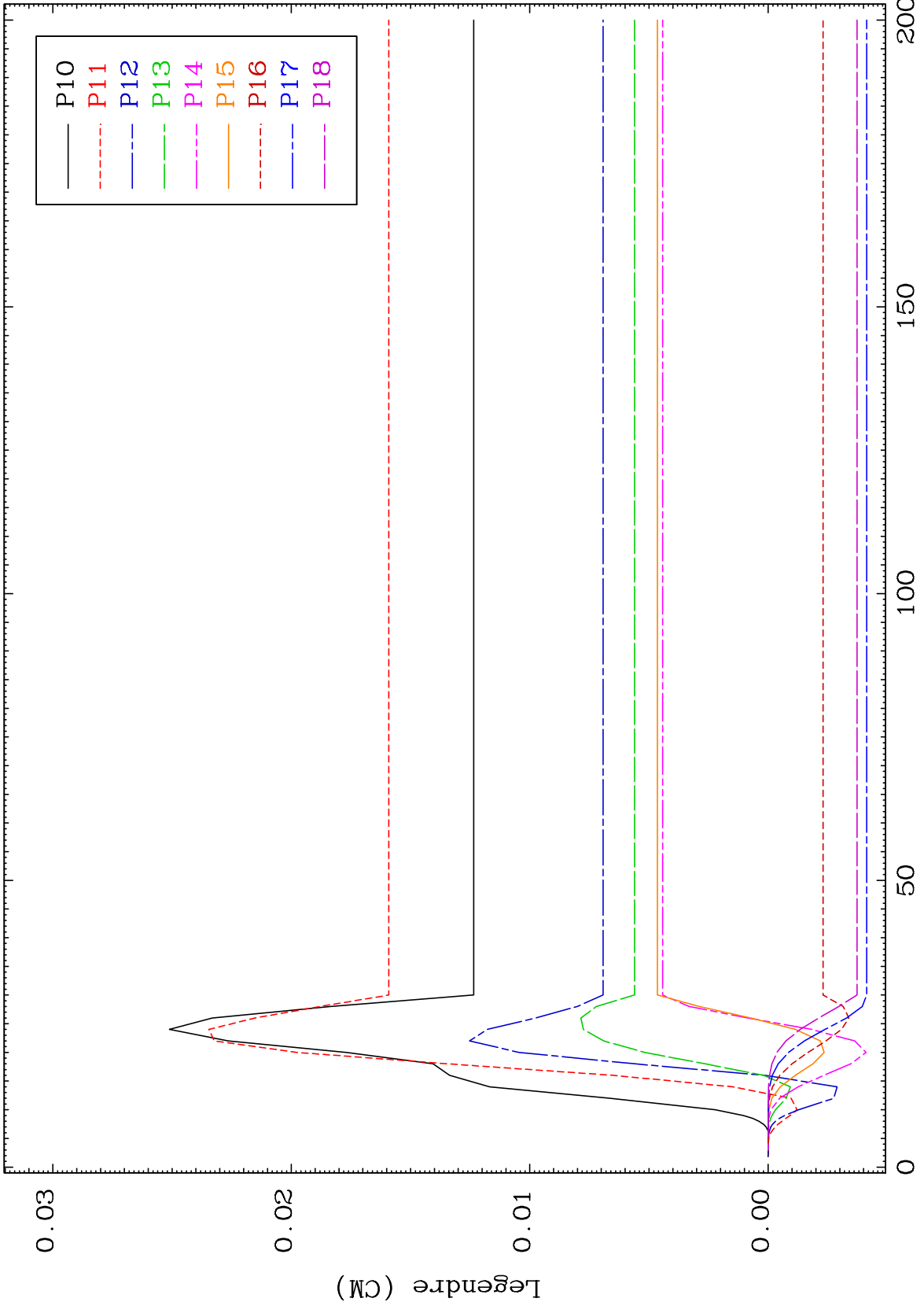
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104



75

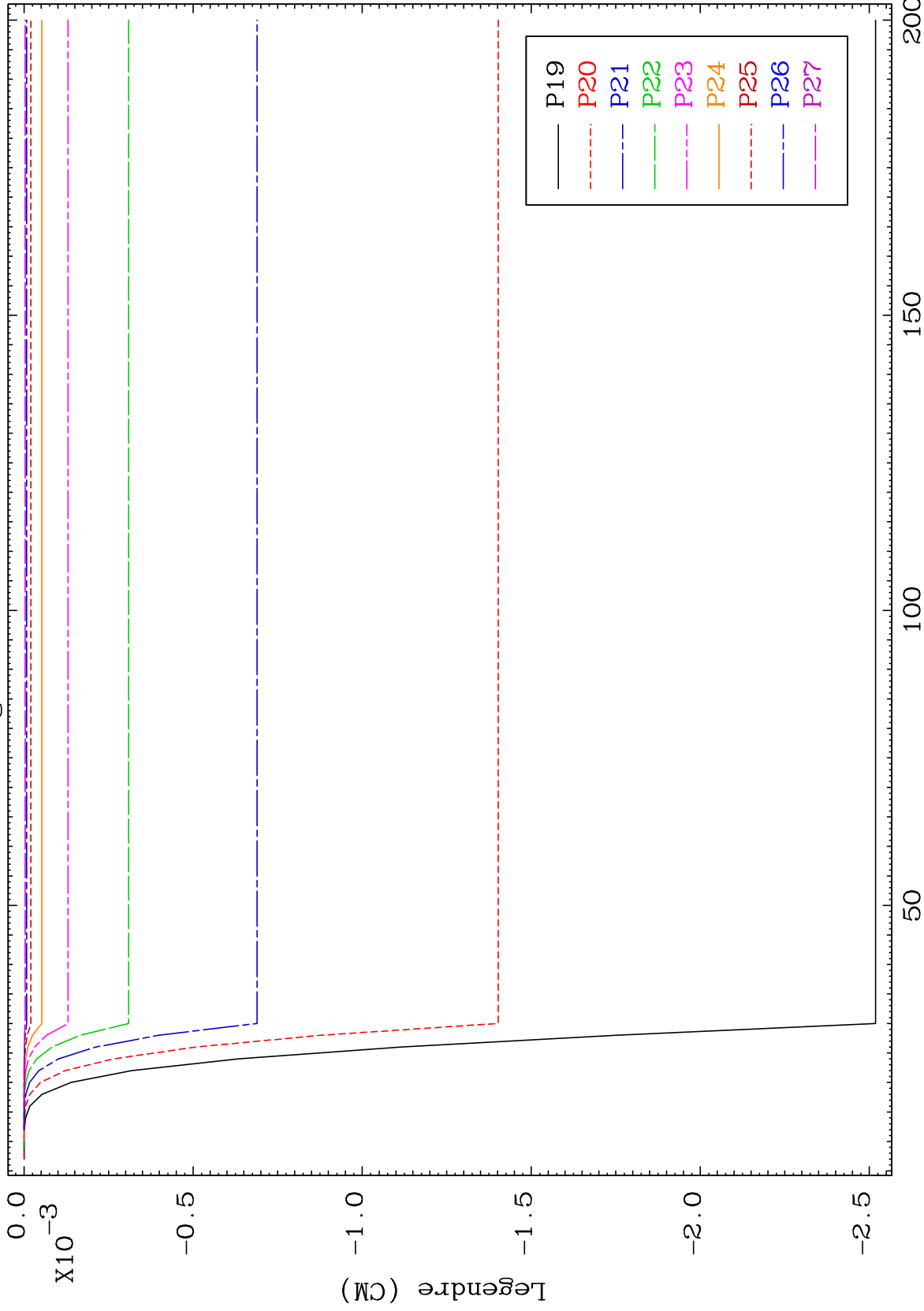
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104



43-Tc-104

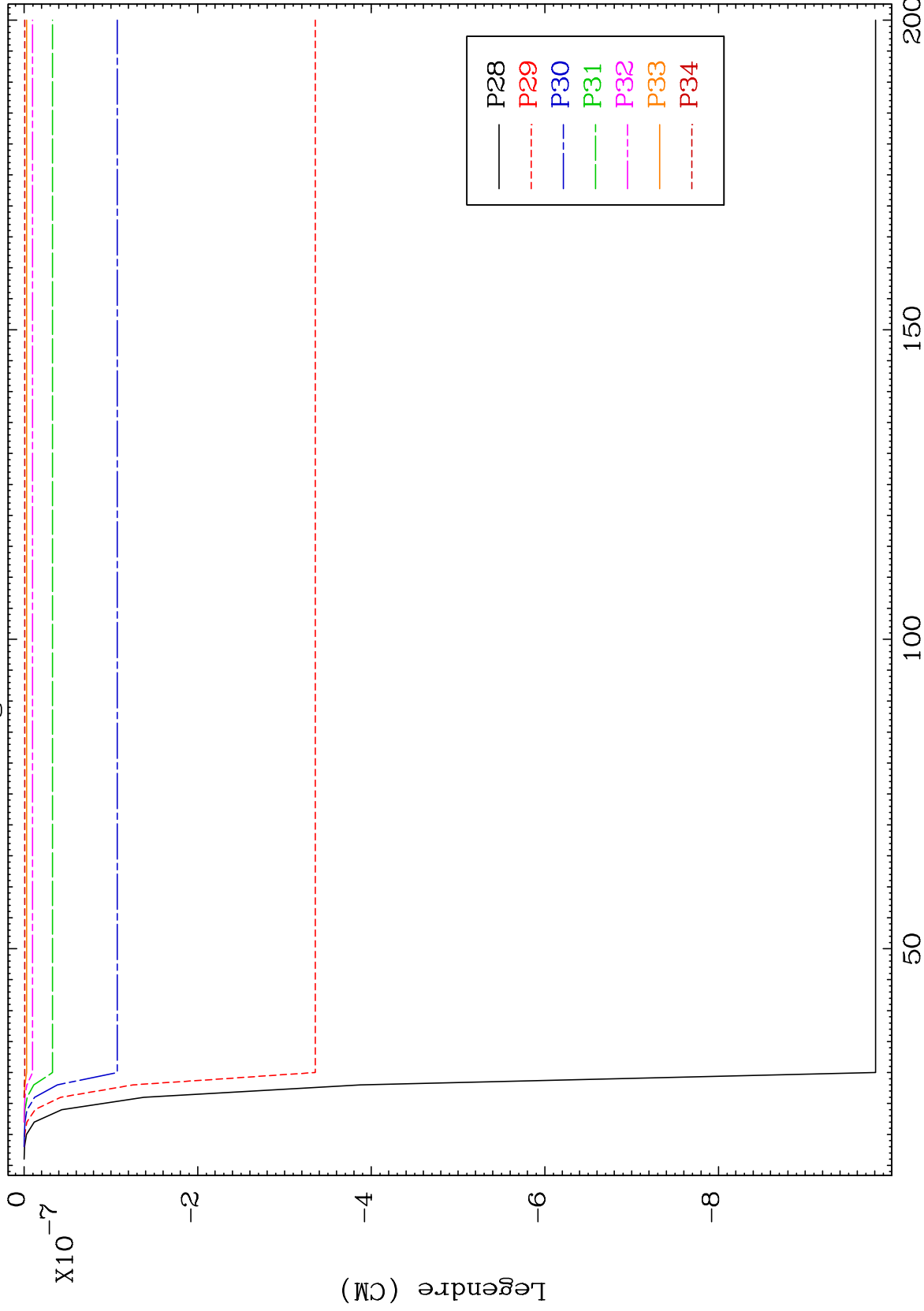
Incident Energy (MeV)

76

MAT 4340

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

43-Tc-104

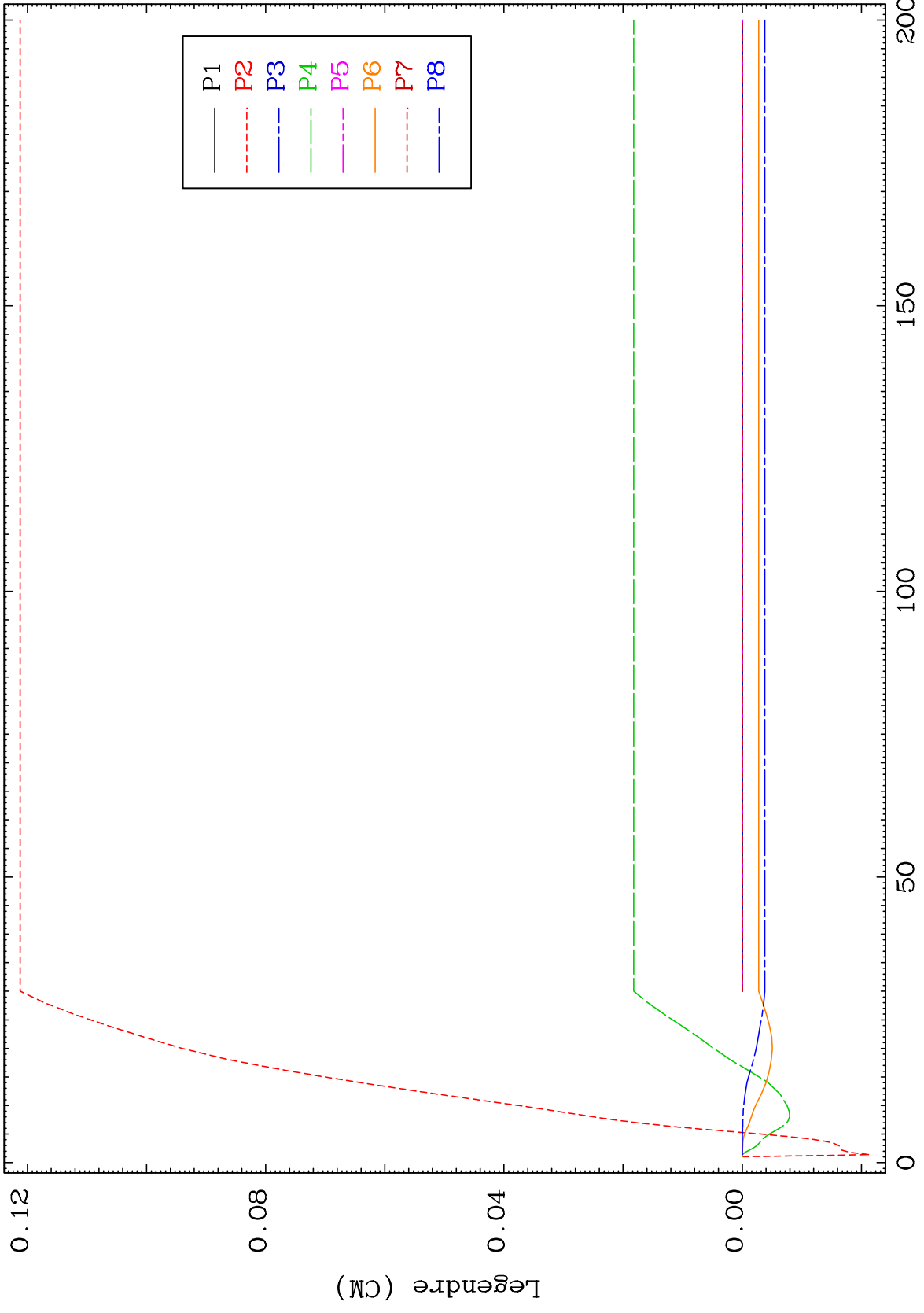


43-Tc-104

Incident Energy (MeV)

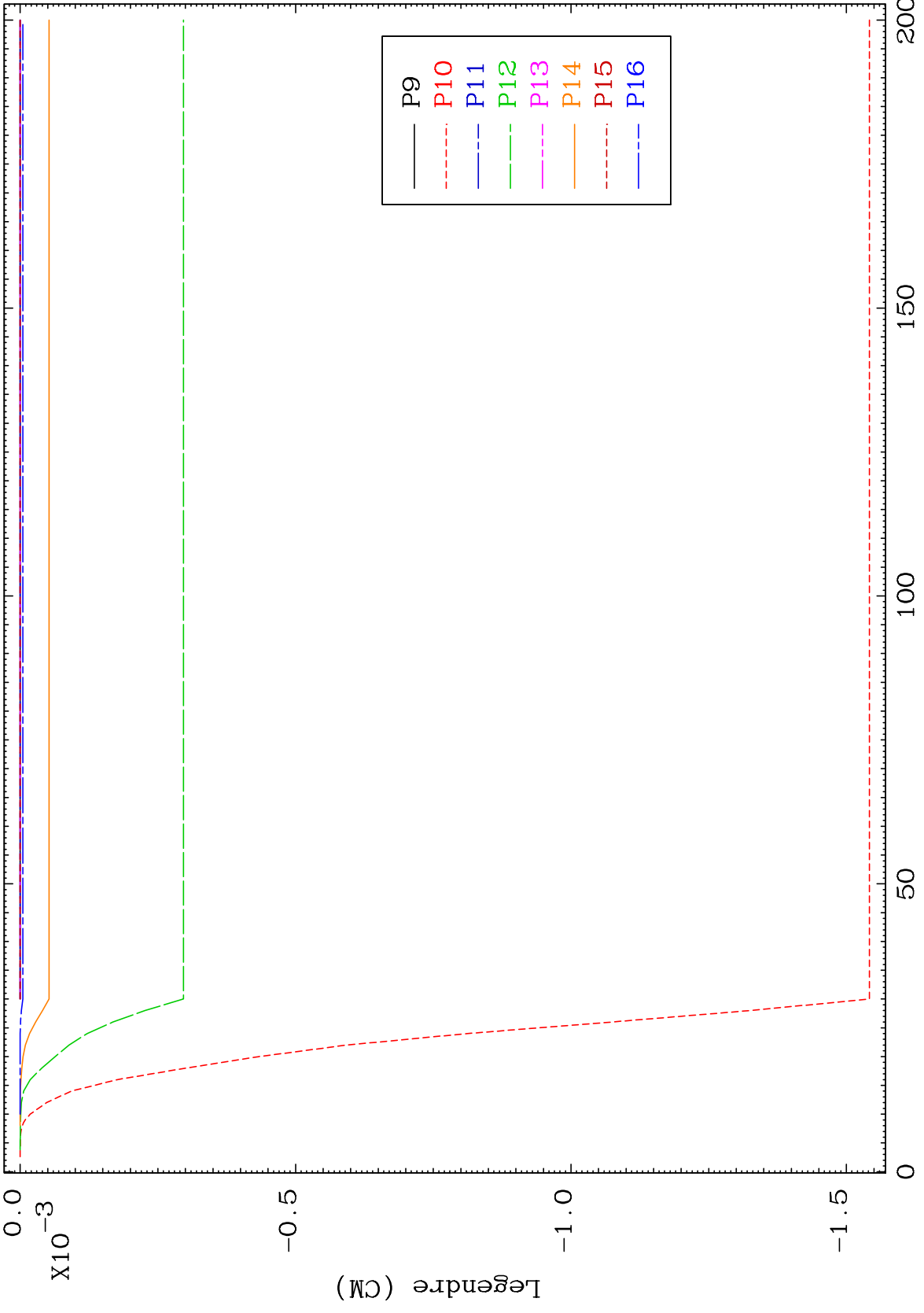
77

MAT 4340 MT= 69 (n,n') Level Legendre Coefficients 43-Tc-104



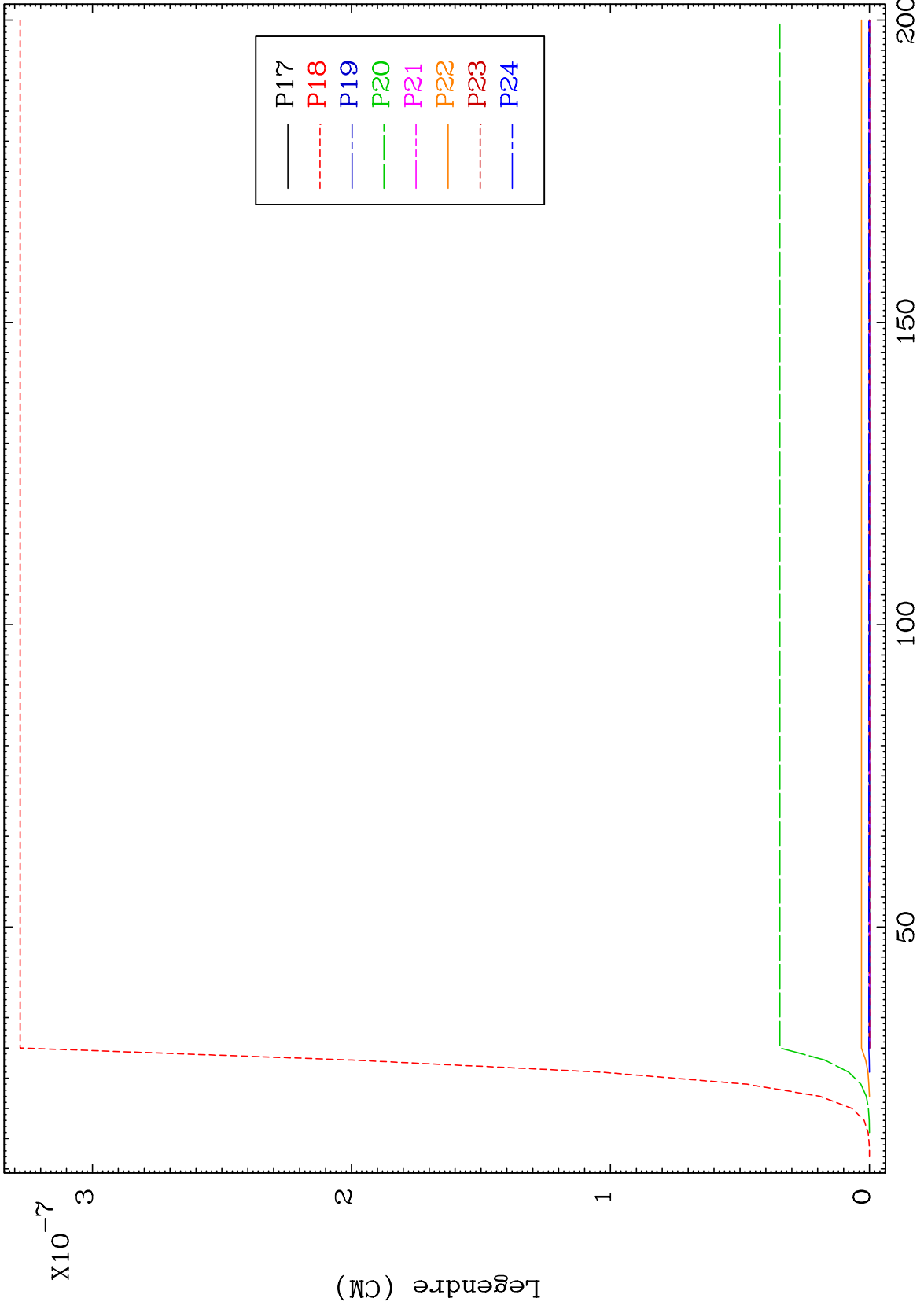
78 Incident Energy (MeV) 43-Tc-104

MAT 4340 MT= 69 (n,n') Level Legendre Coefficients 43-Tc-104



79 43-Tc-104

MAT 4340 MT= 69 (n,n') Level Legendre Coefficients 43-Tc-104

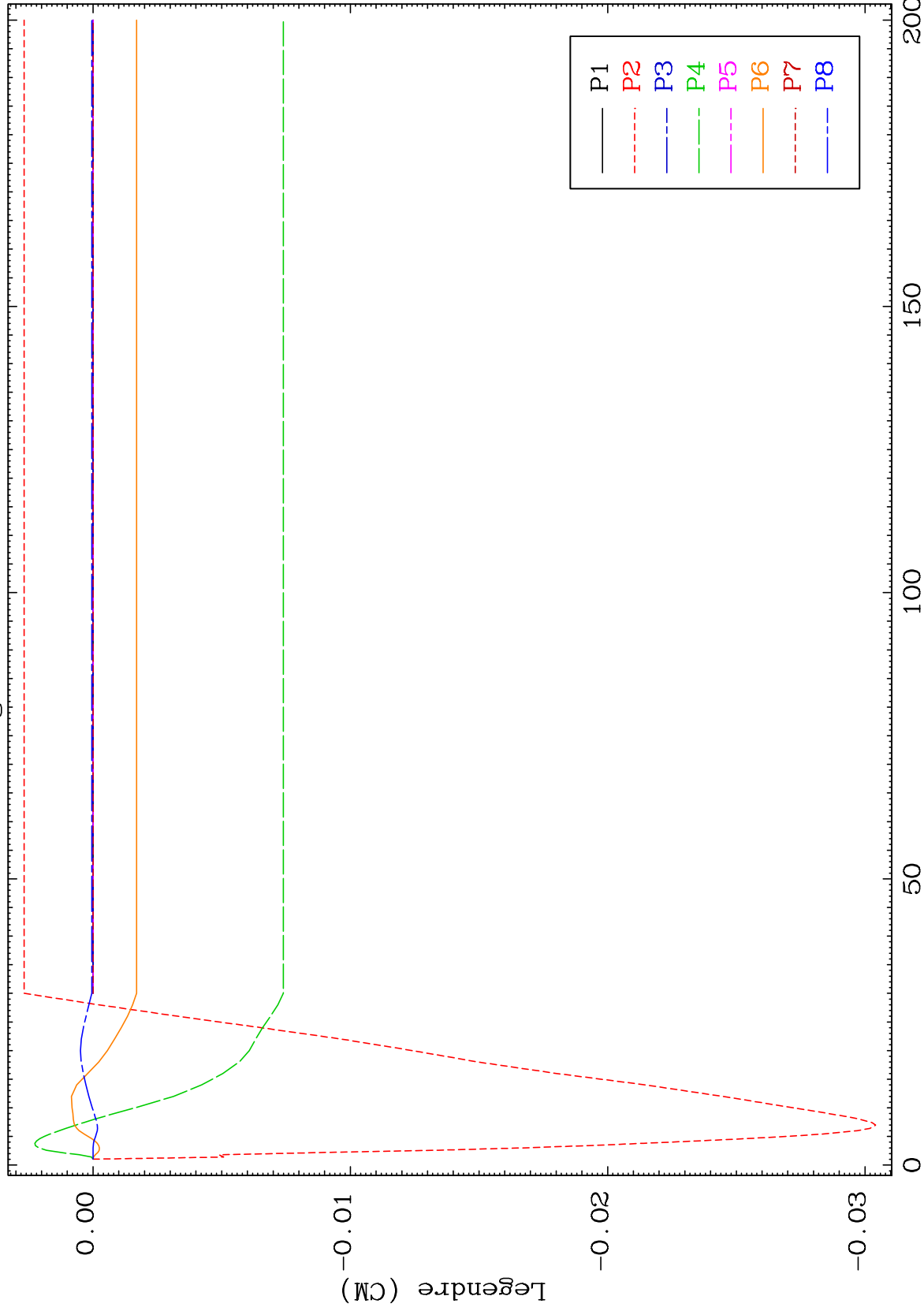


80 50 100 150 200 Incident Energy (MeV) 43-Tc-104

MAT 4340

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

43-Tc-104



81

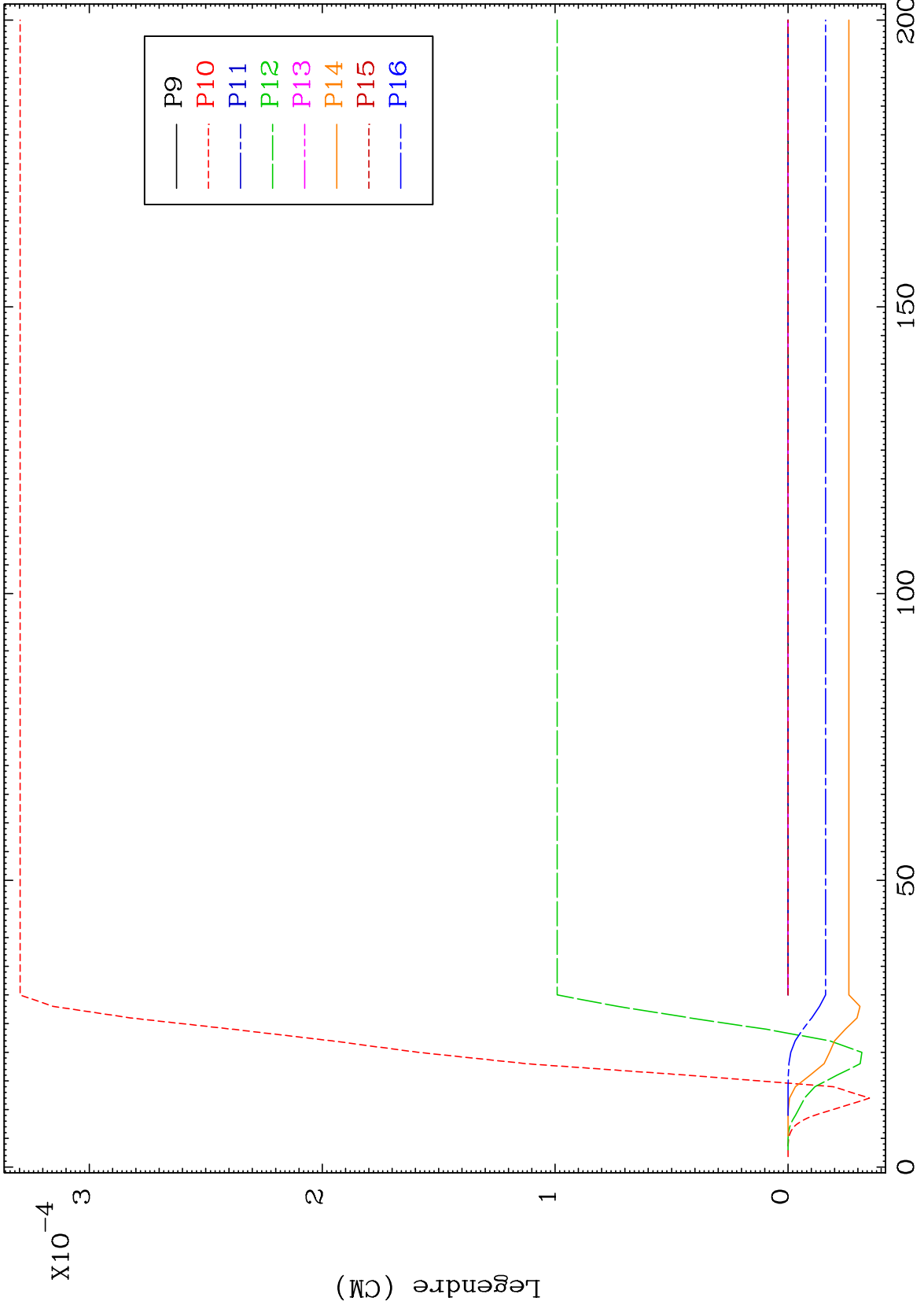
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104



82

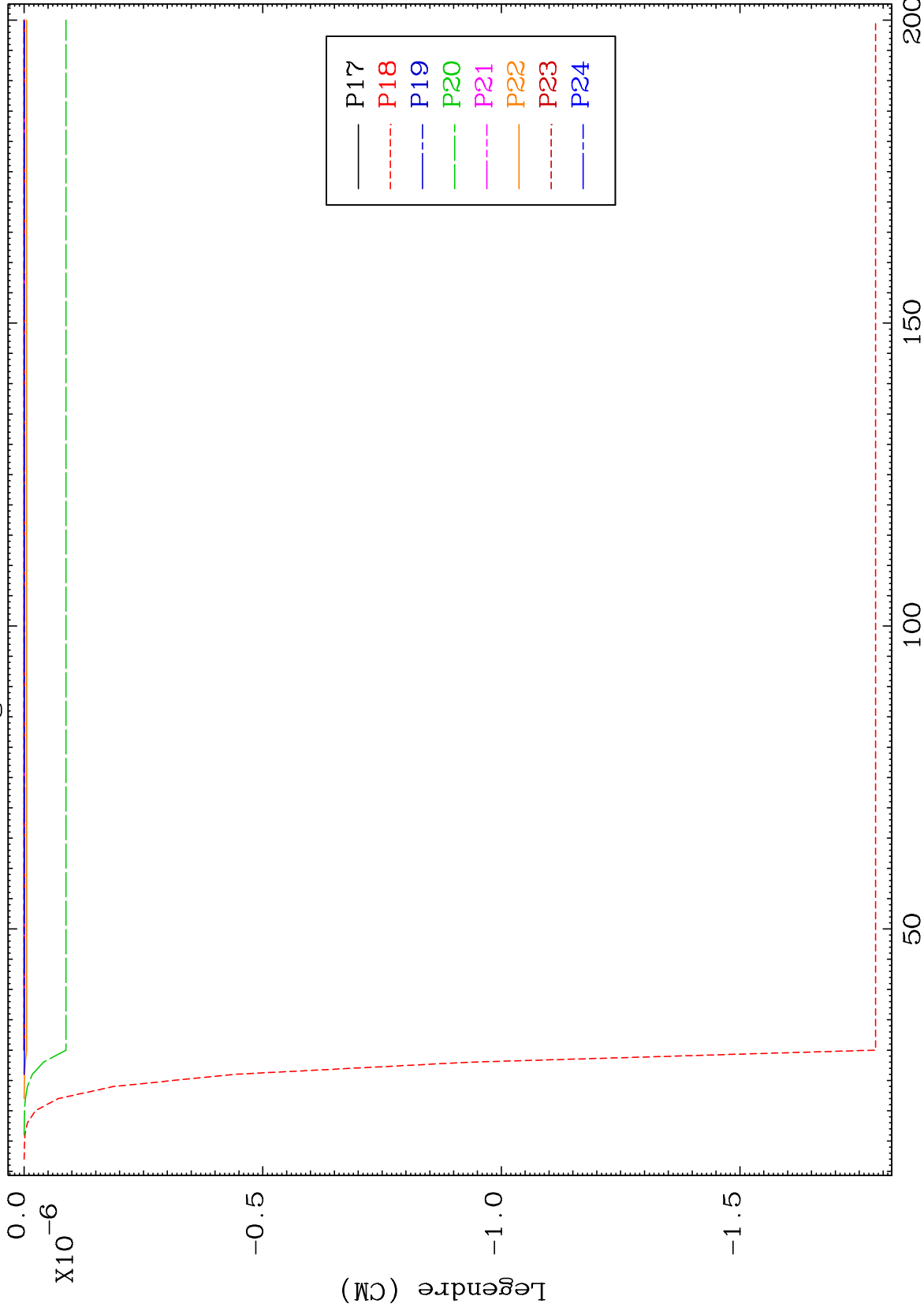
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104

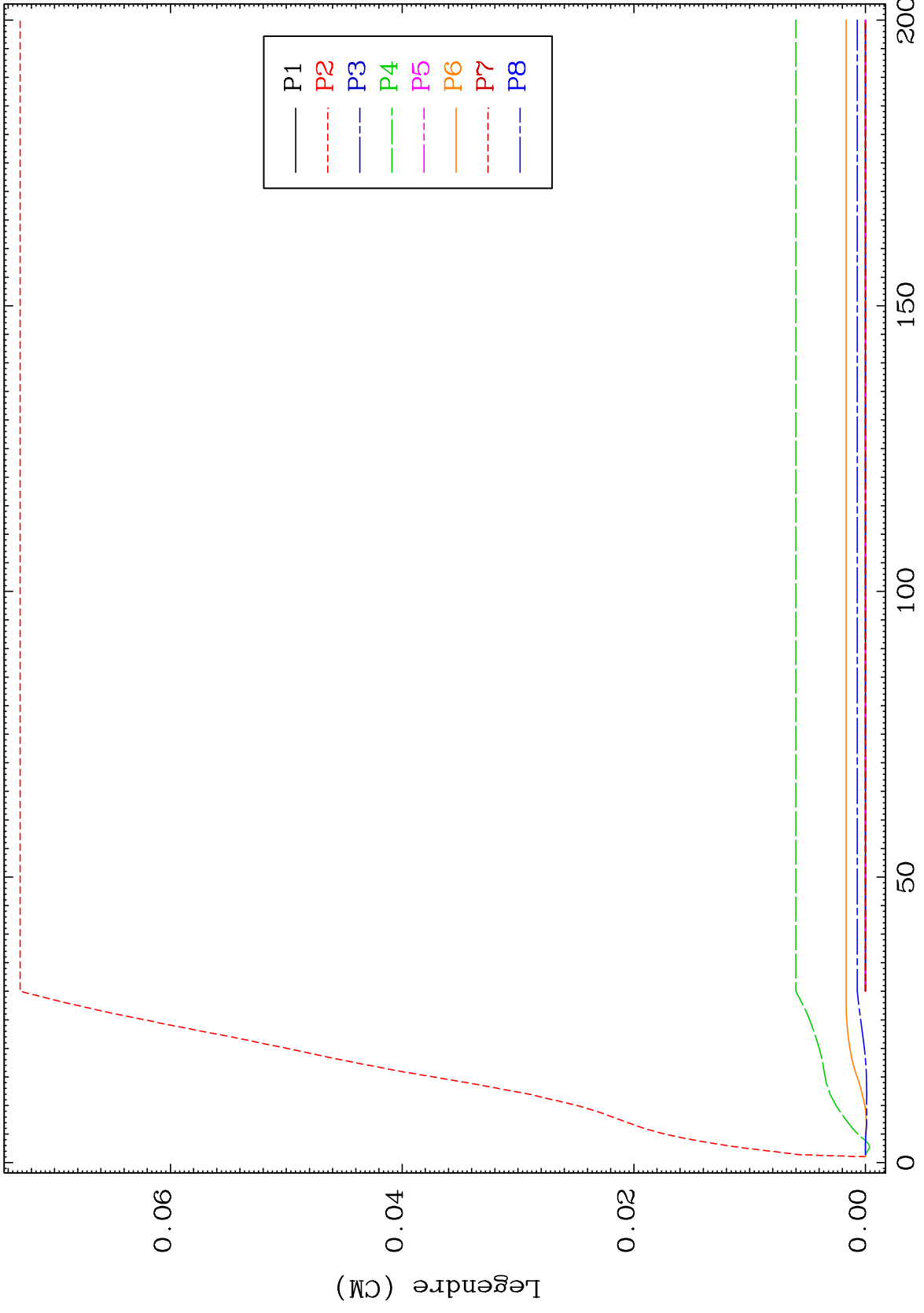


83

Incident Energy (MeV)

43-Tc-104

MAT 4340 MT= 71 (n,n') Level Legendre Coefficients 43-Tc-104

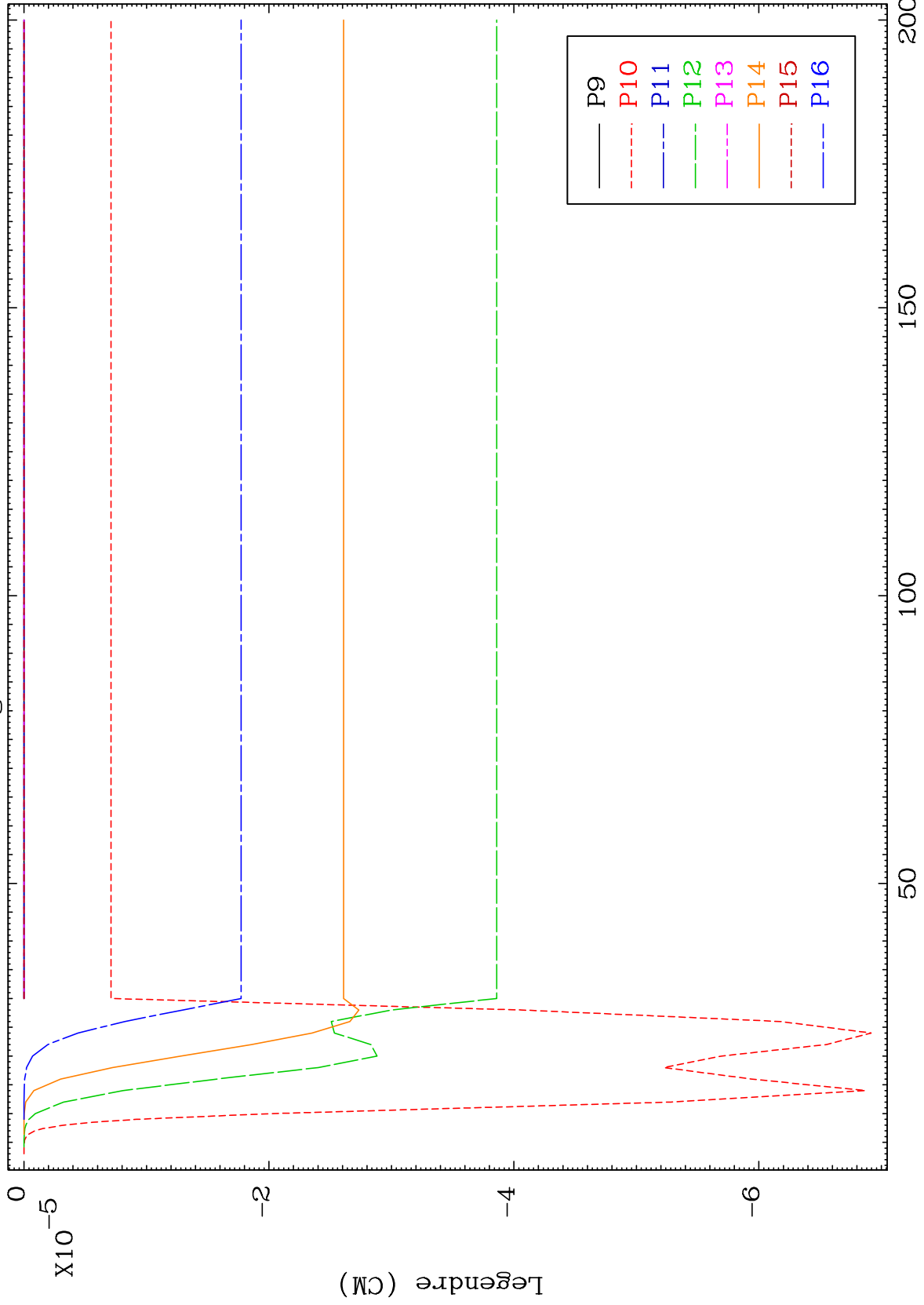


84 43-Tc-104

MAT 4340

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

43-Tc-104



43-Tc-104

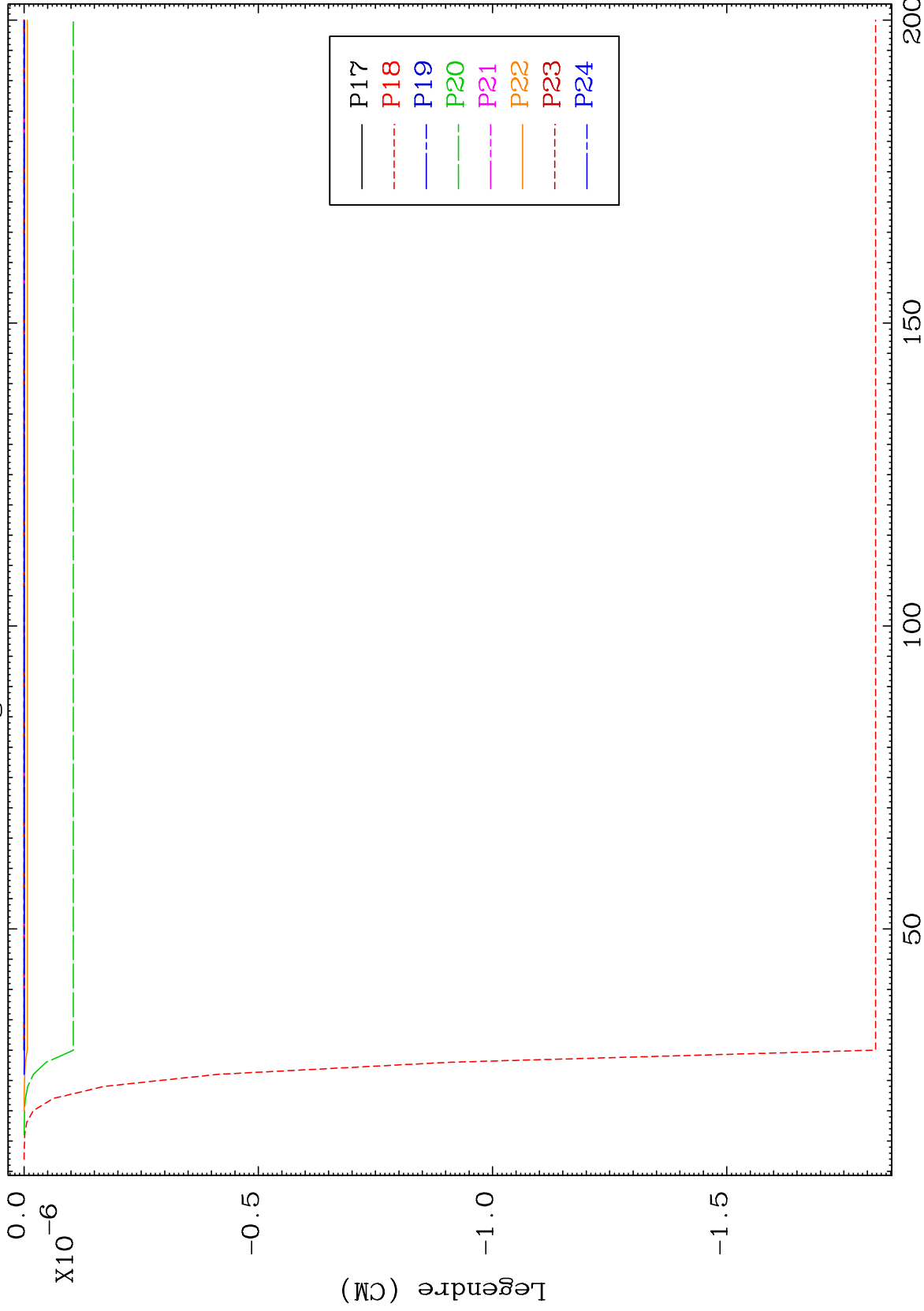
Incident Energy (MeV)

85

MAT 4340

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

43-Tc-104



86

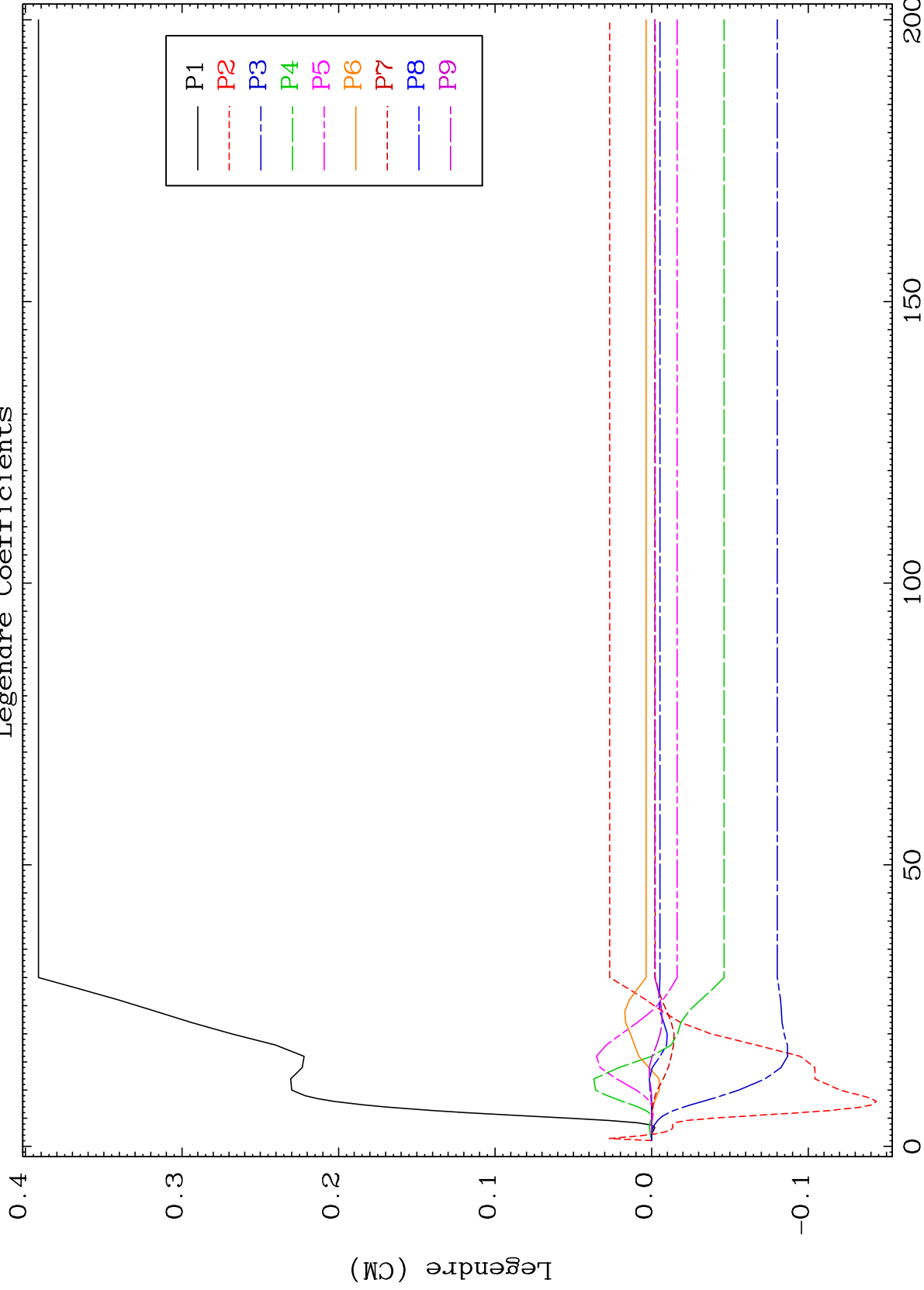
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104



87

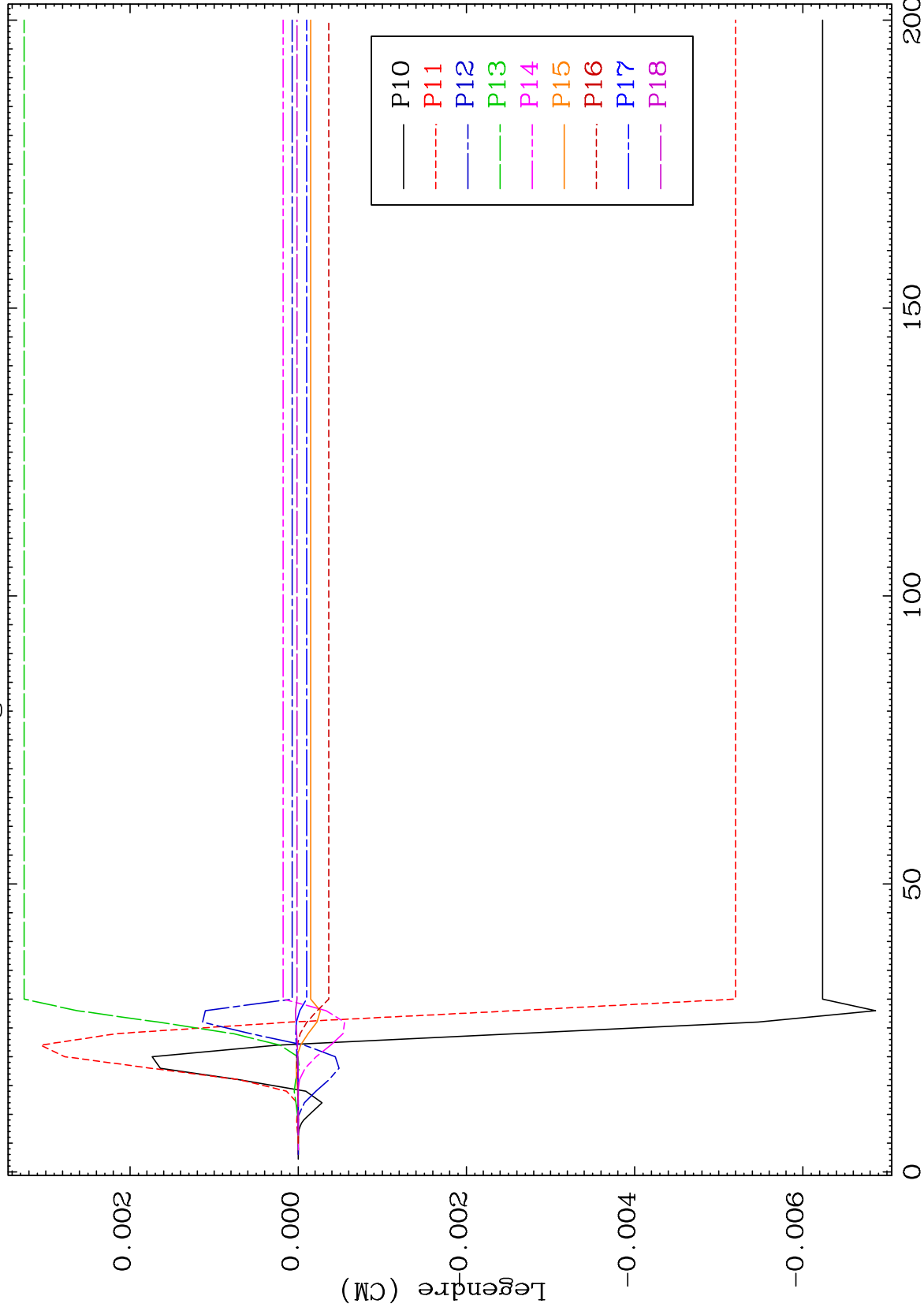
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104



88

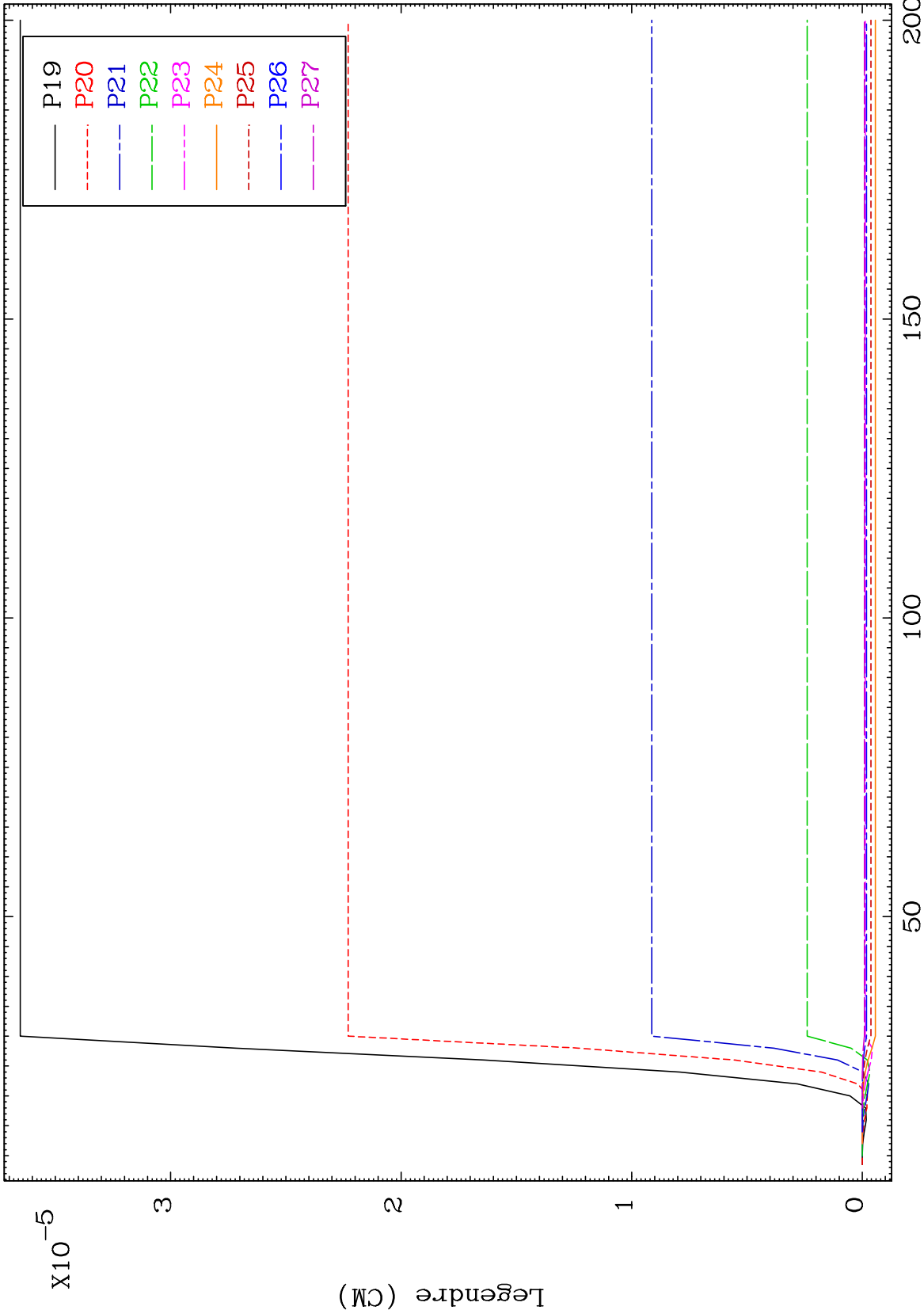
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104



89

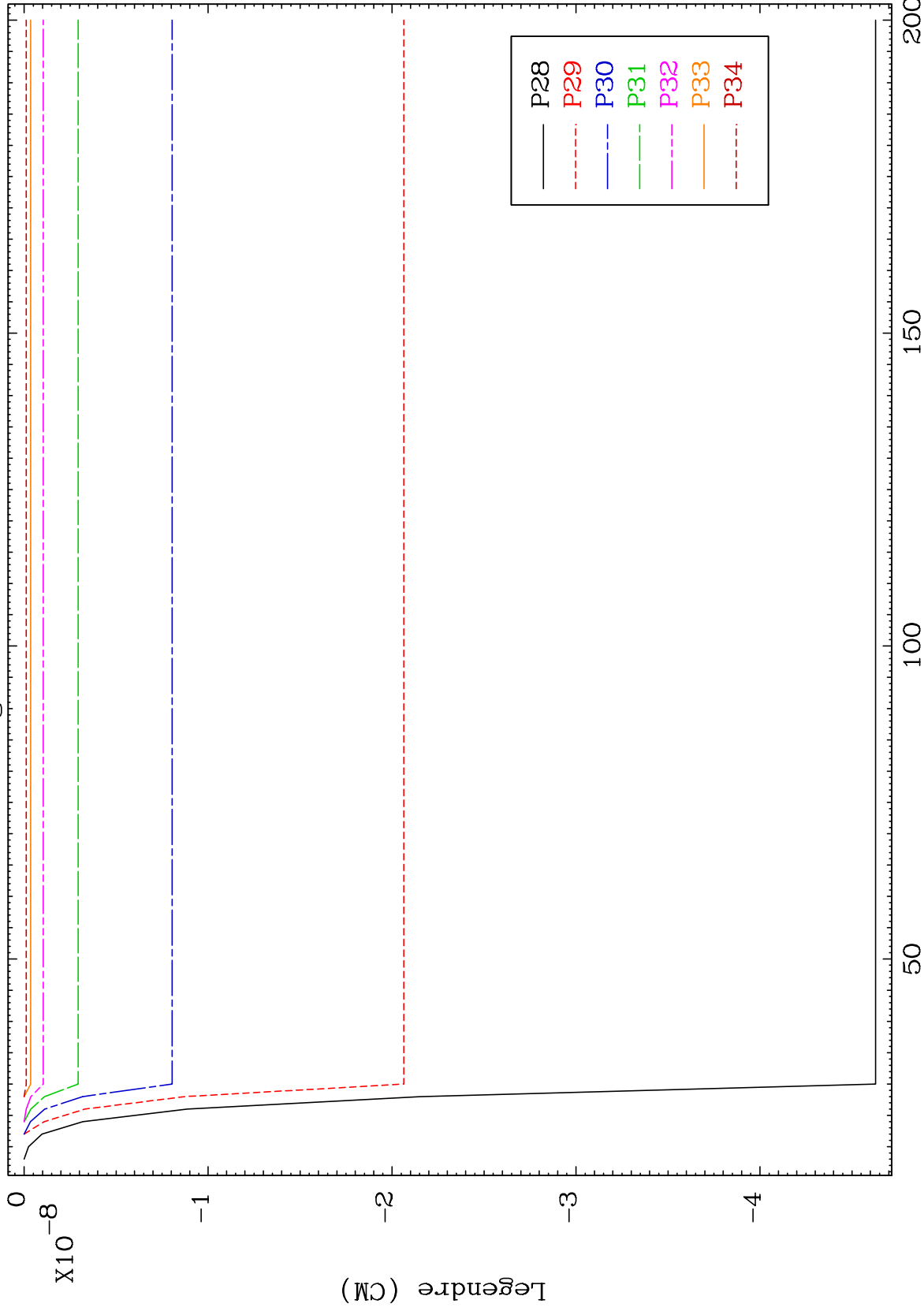
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104



43-Tc-104

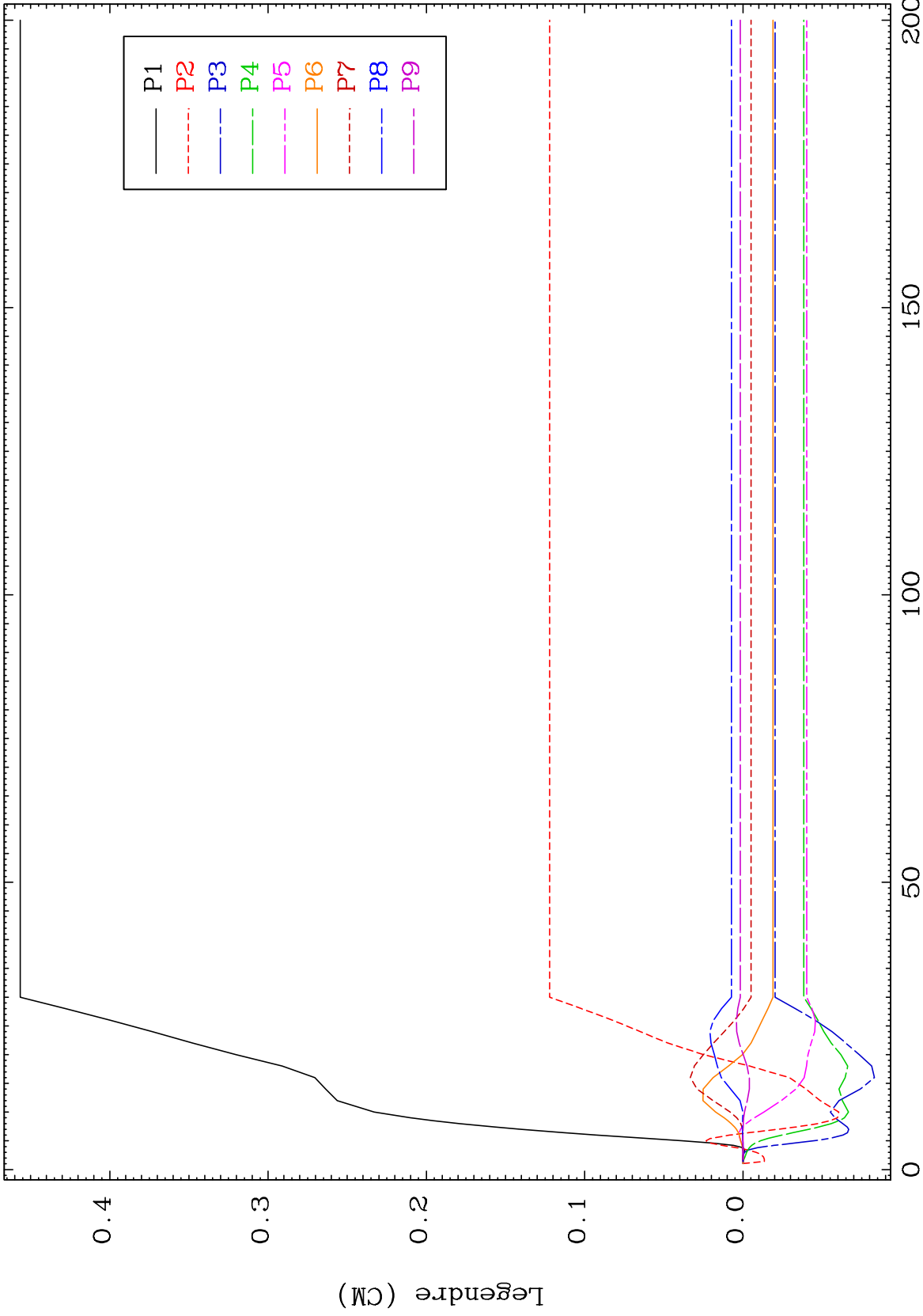
Incident Energy (MeV)

90

MAT 4340

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

43-Tc-104

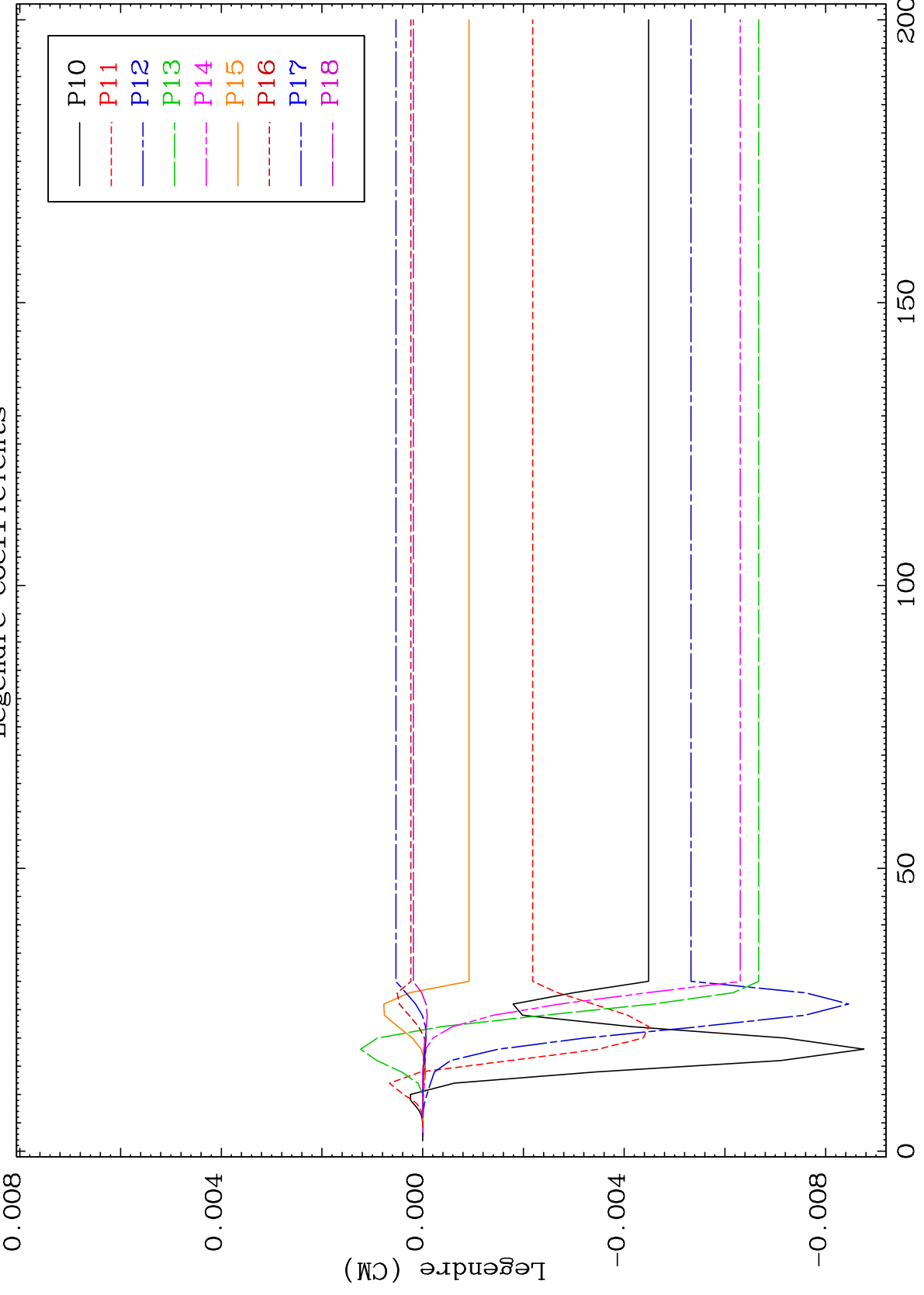


91

Incident Energy (MeV)

43-Tc-104

MAT 4340 MT= 73 (n,n') Level Legendre Coefficients 43-Tc-104

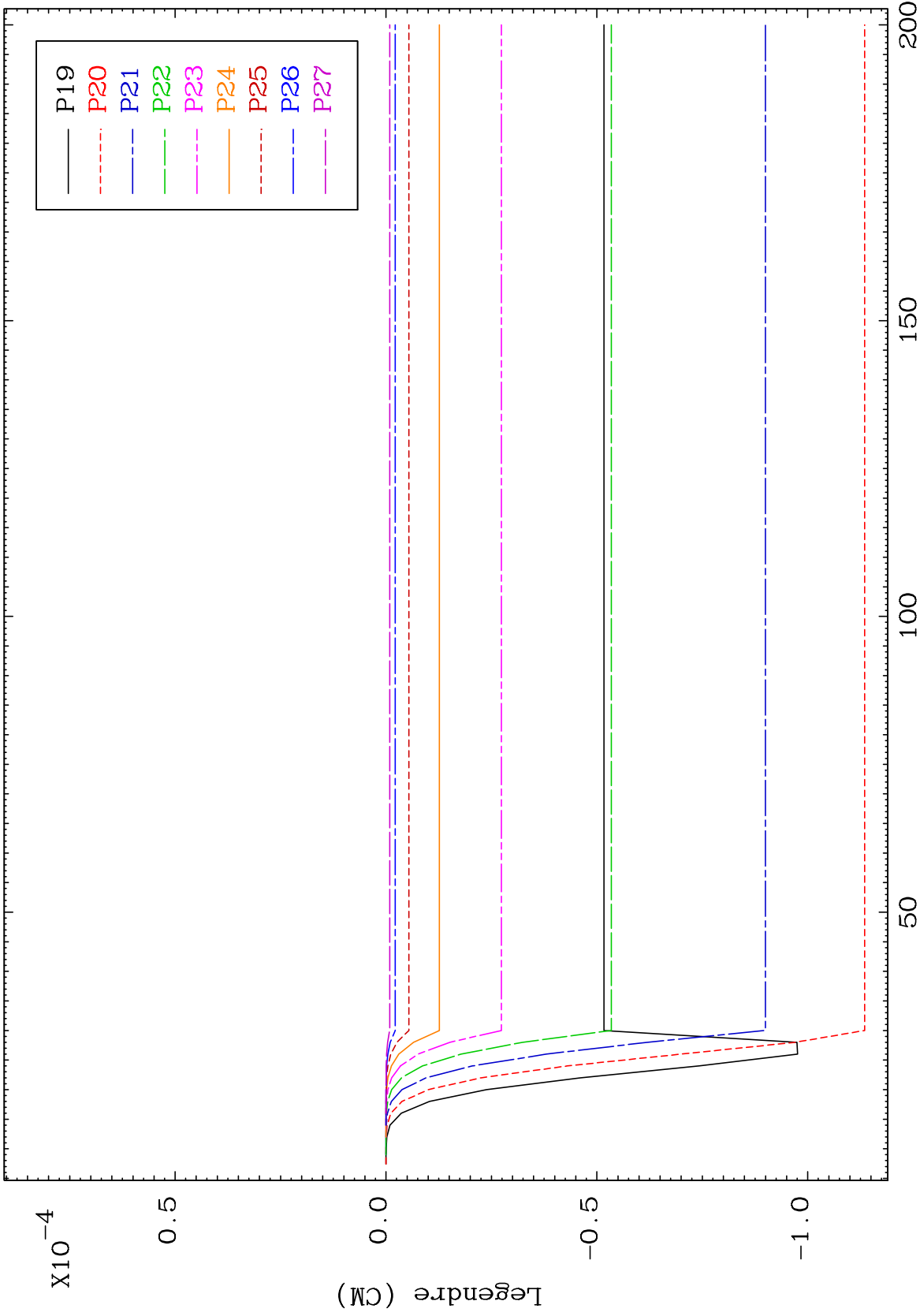


92 43-Tc-104

MAT 4340

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

43-Tc-104



93

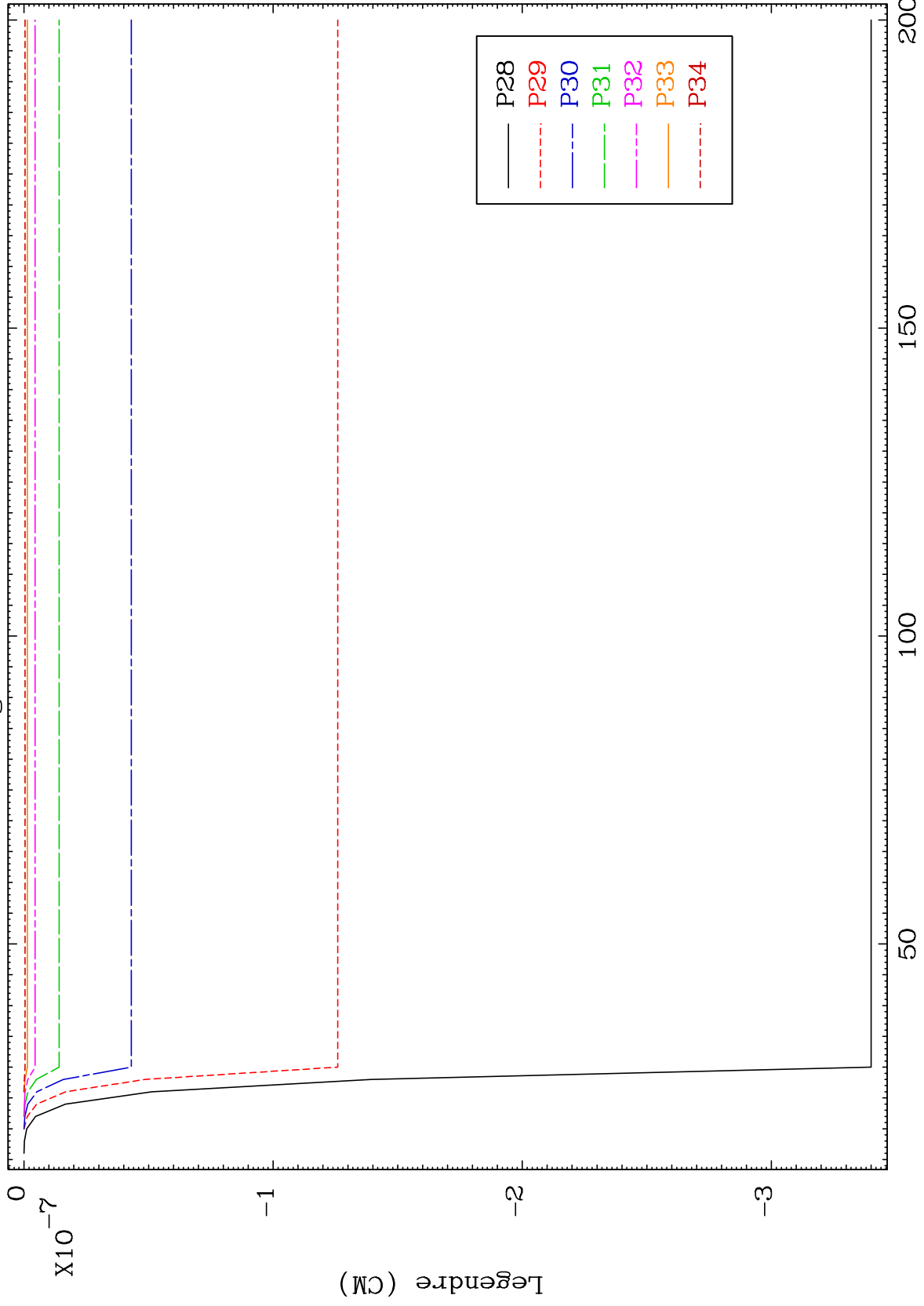
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104



43-Tc-104

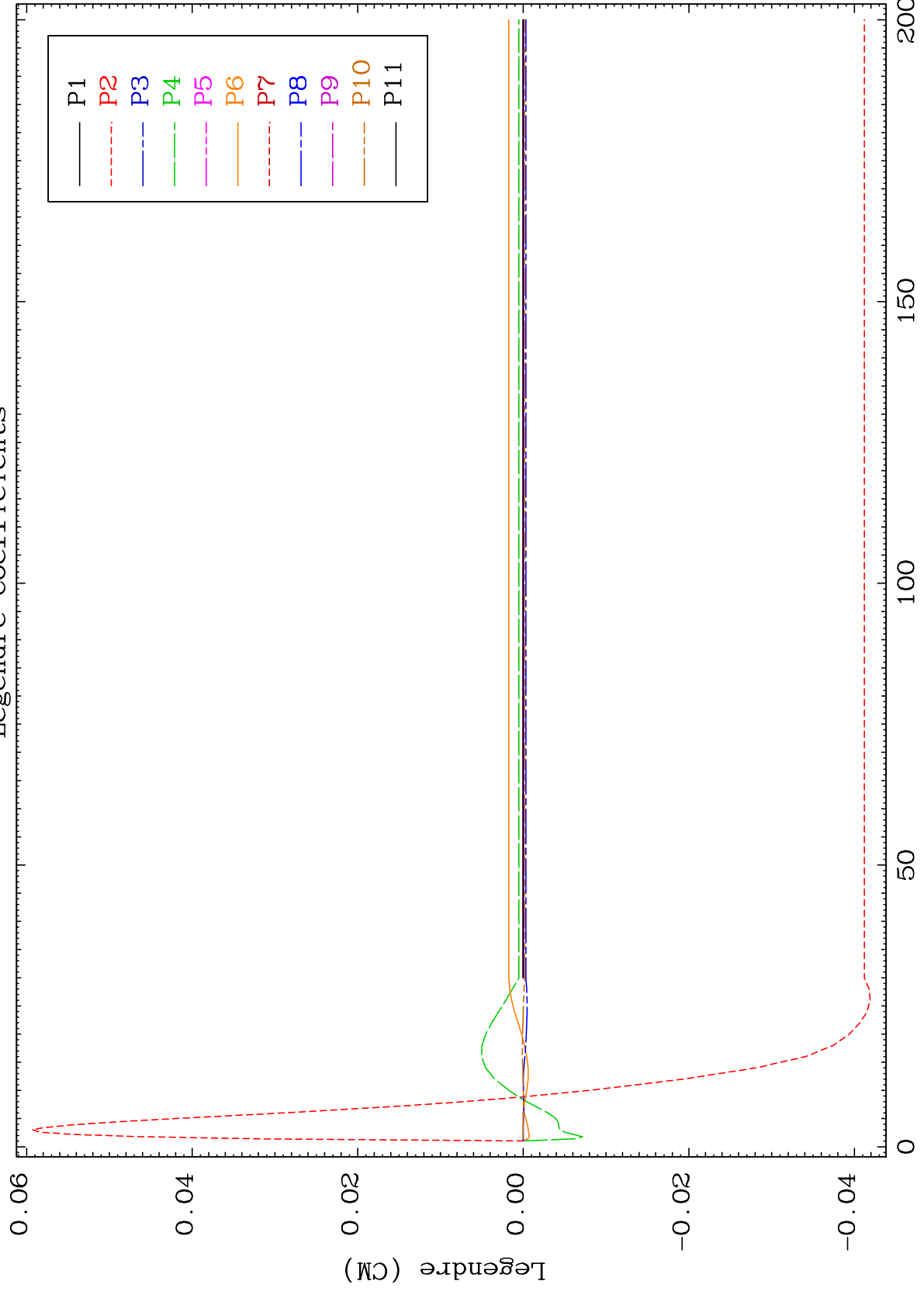
Incident Energy (MeV)

94

MAT 4340

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

43-Tc-104



95

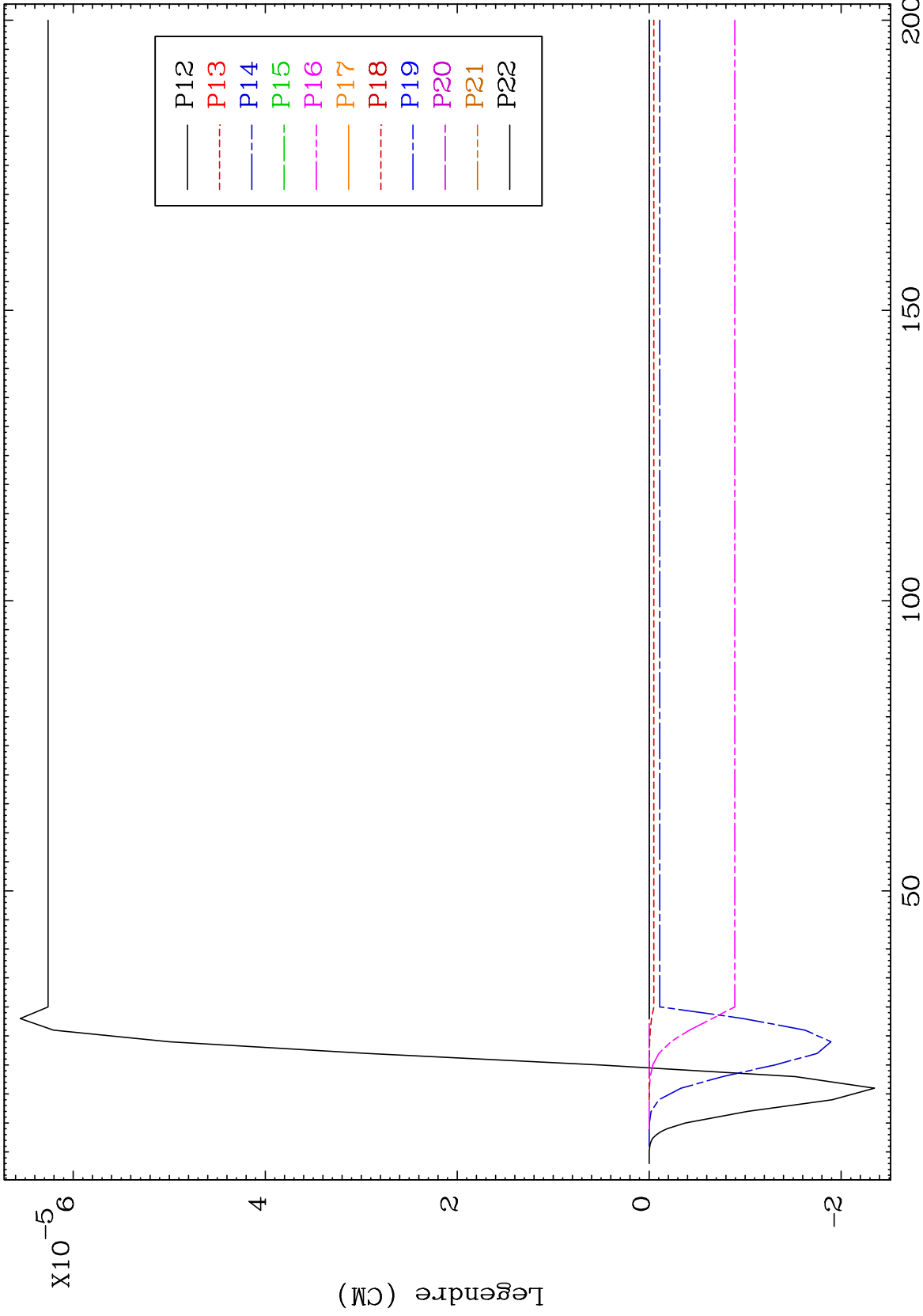
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104



96

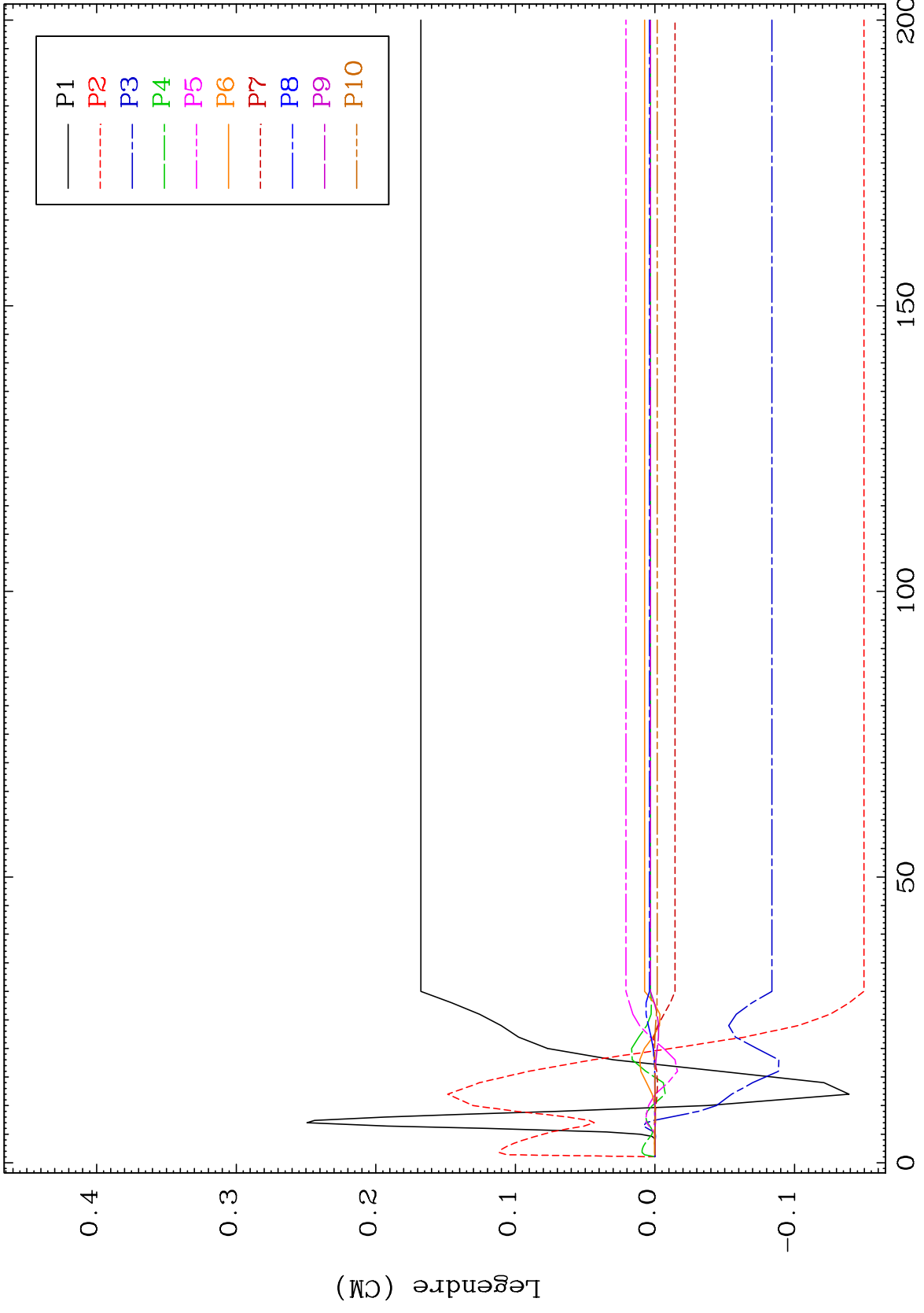
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104



97

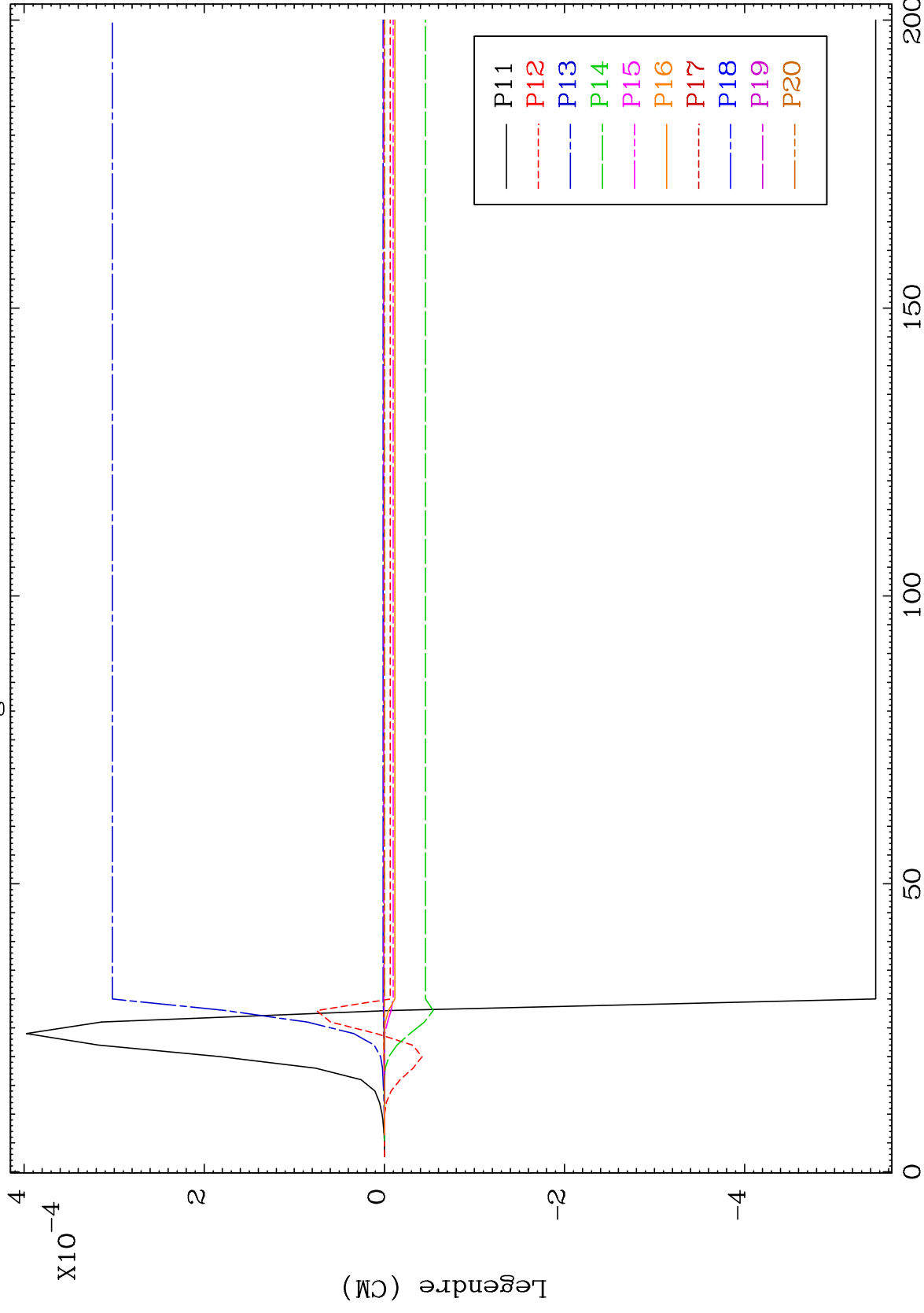
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104



98

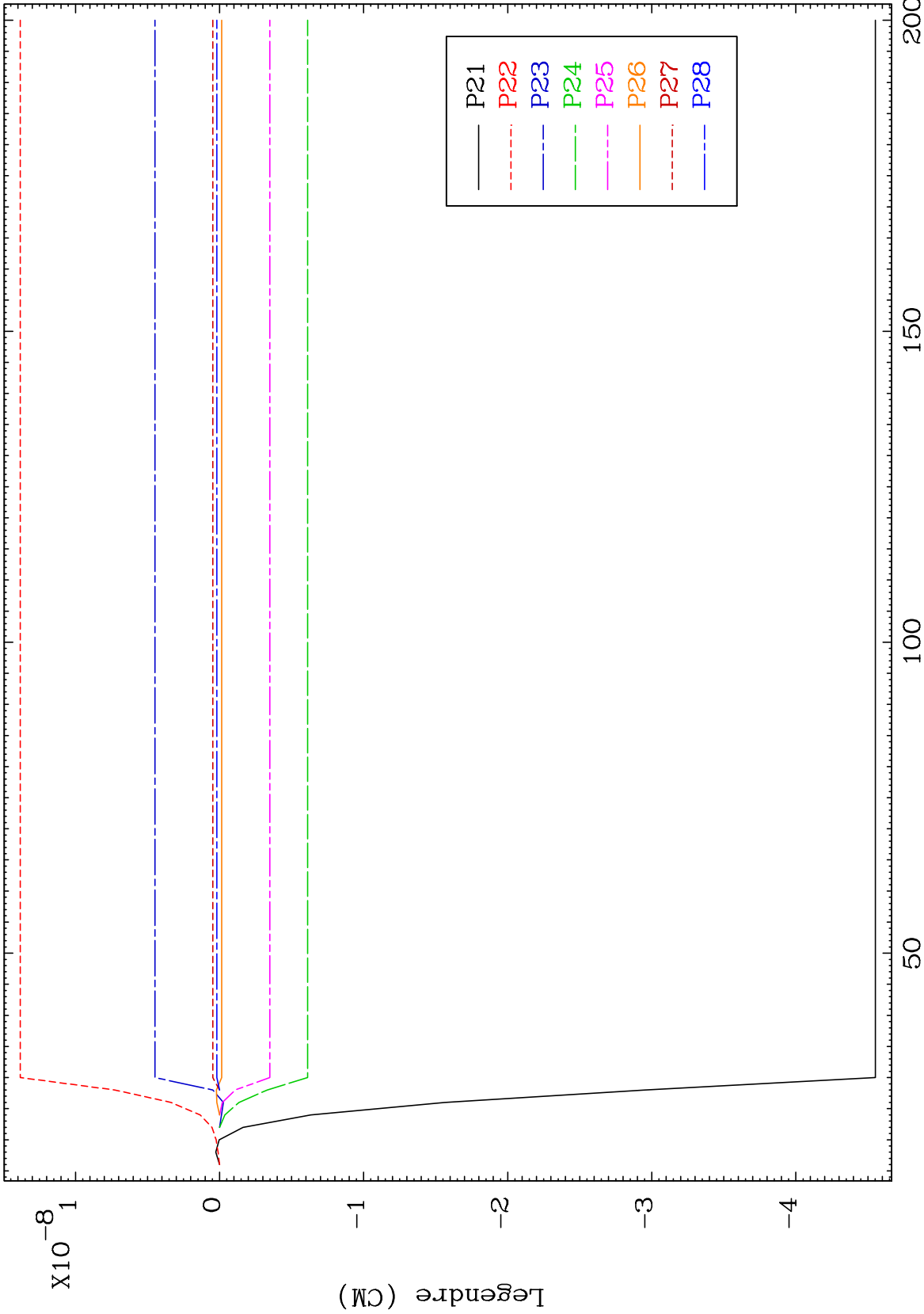
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104



99

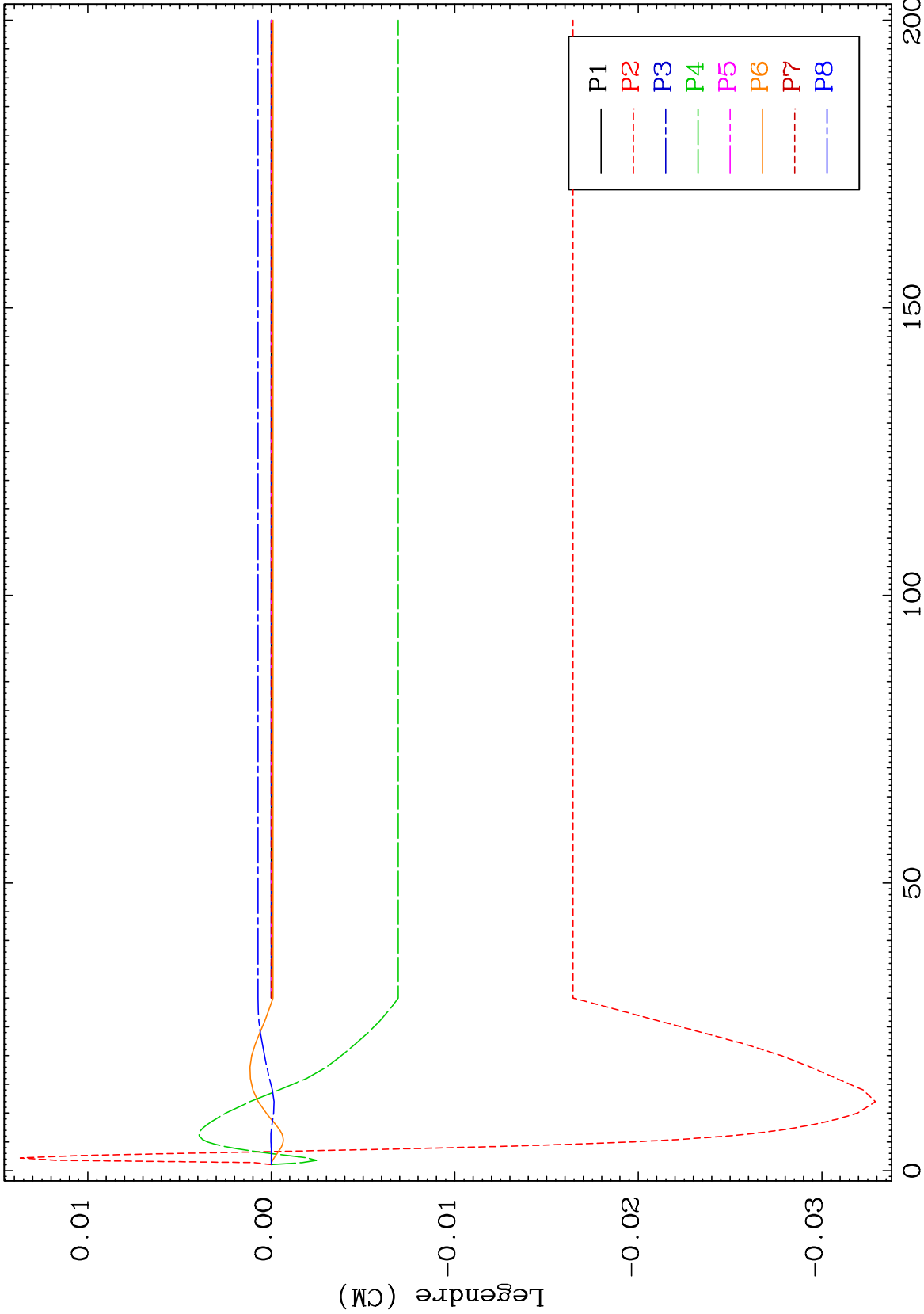
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104



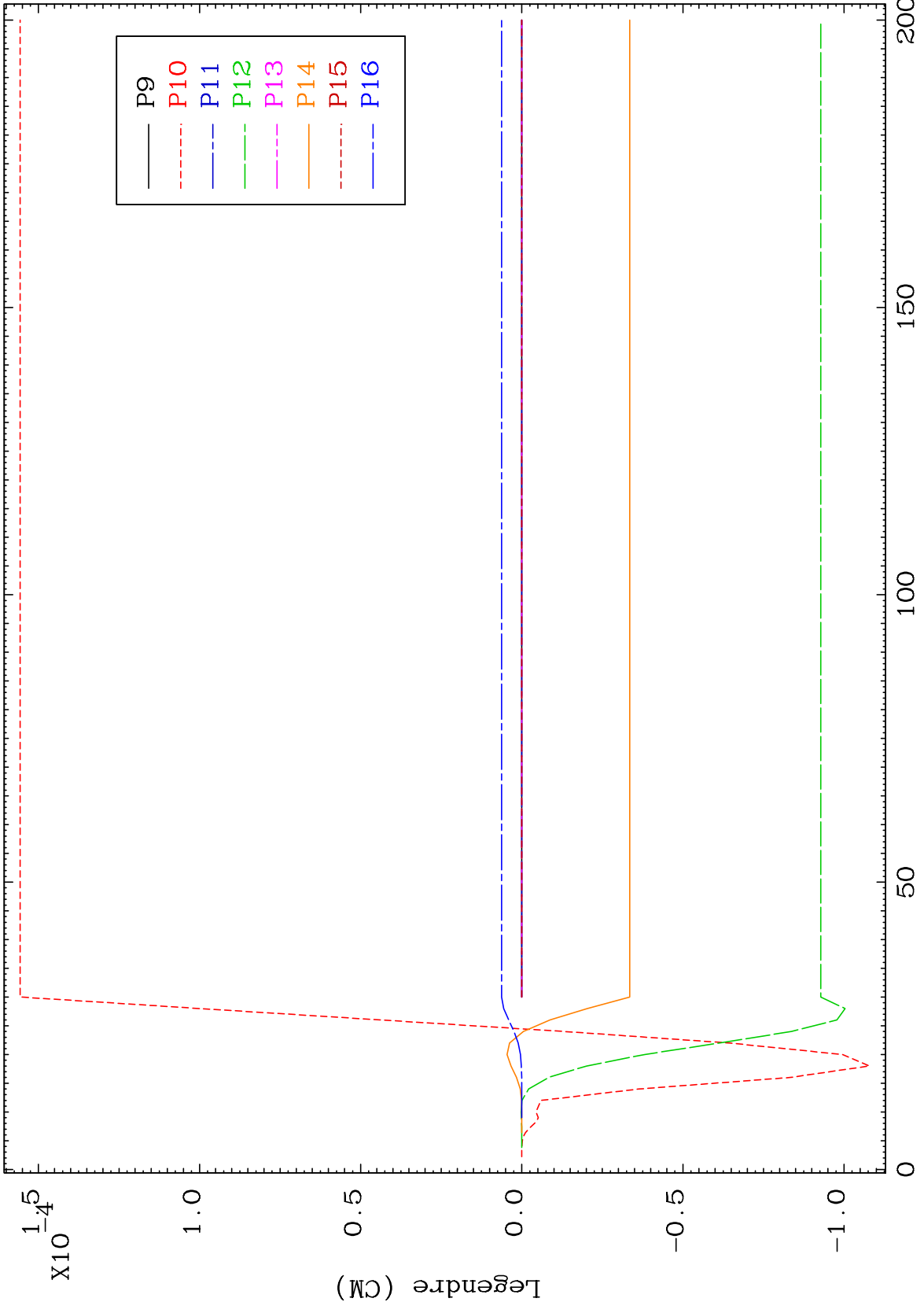
43-Tc-104

Incident Energy (MeV)

MAT 4340

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

43-Tc-104

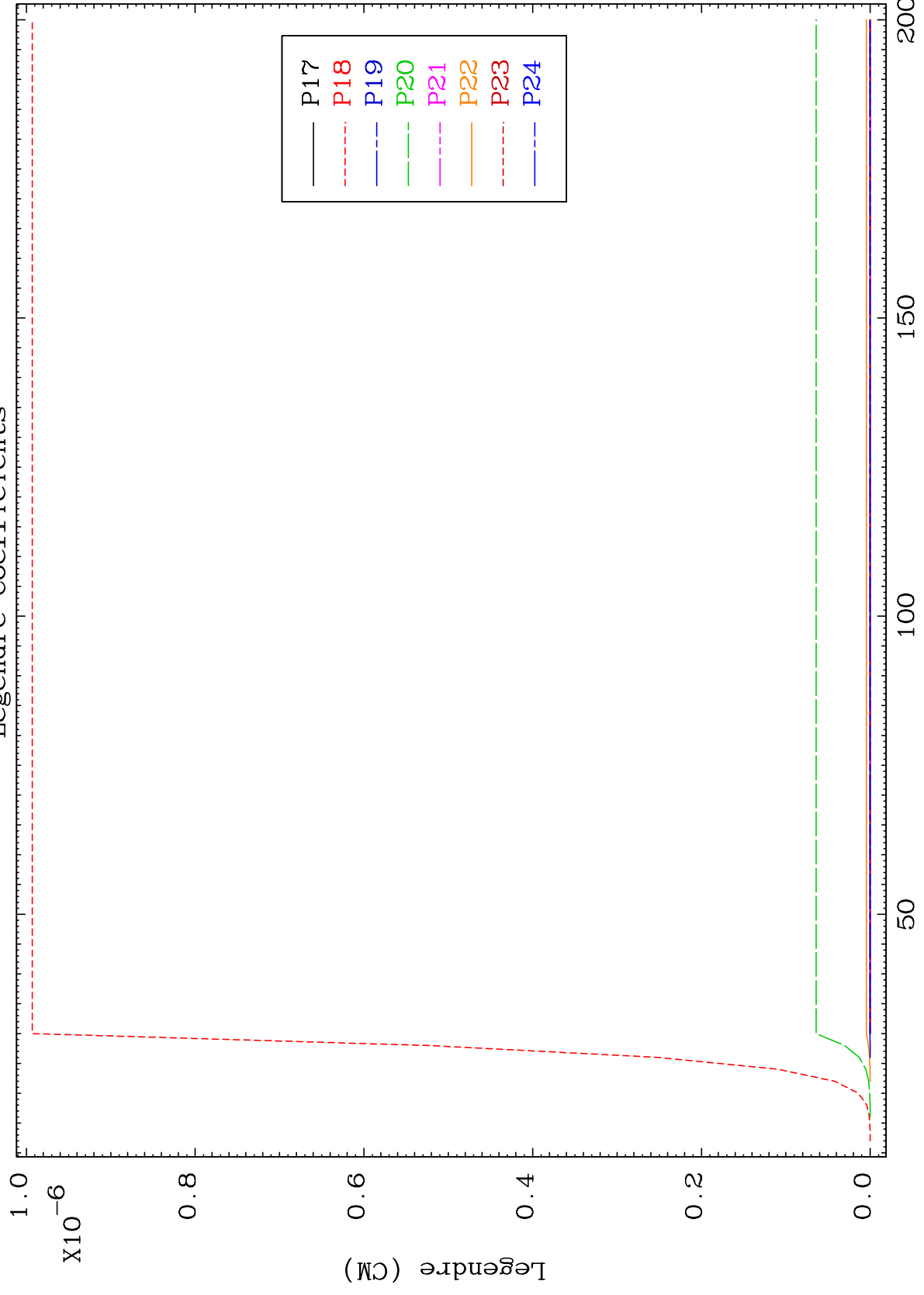


101

Incident Energy (MeV)

43-Tc-104

MAT 4340 MT= 76 (n,n') Level Legendre Coefficients 43-Tc-104

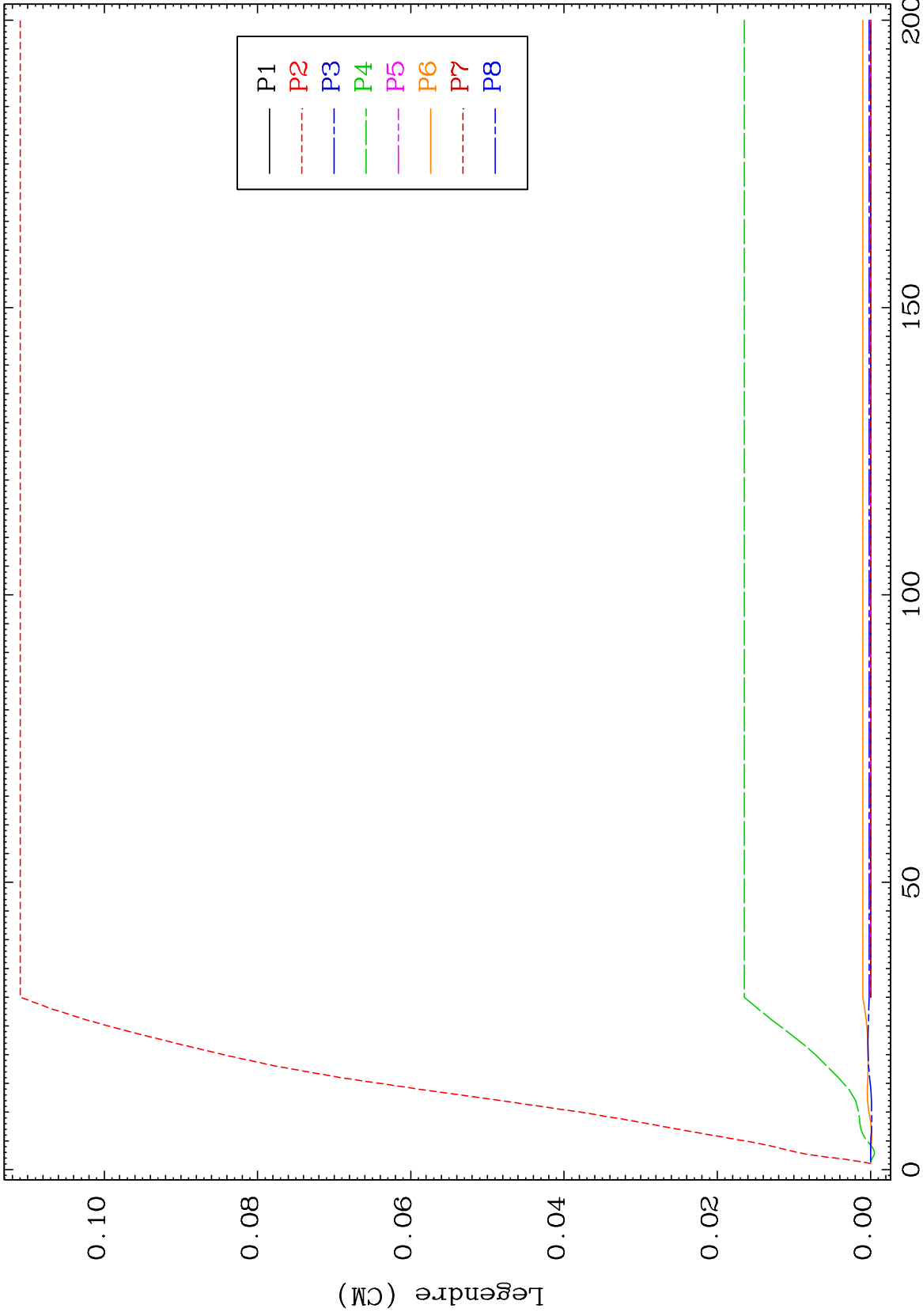


43-Tc-104

MAT 4340

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

43-Tc-104



43-Tc-104

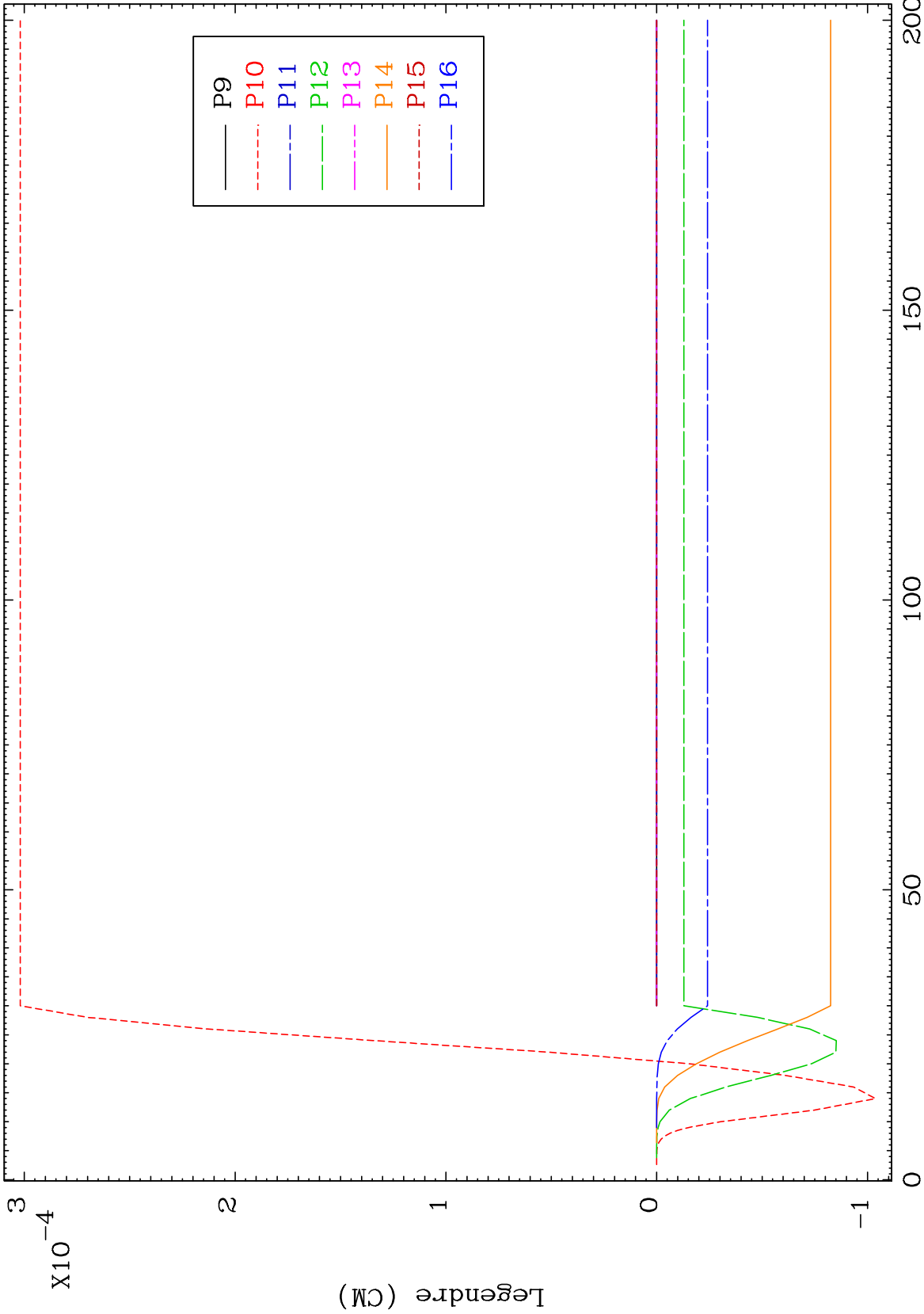
Incident Energy (MeV)

103

MAT 4340

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

43-Tc-104



104

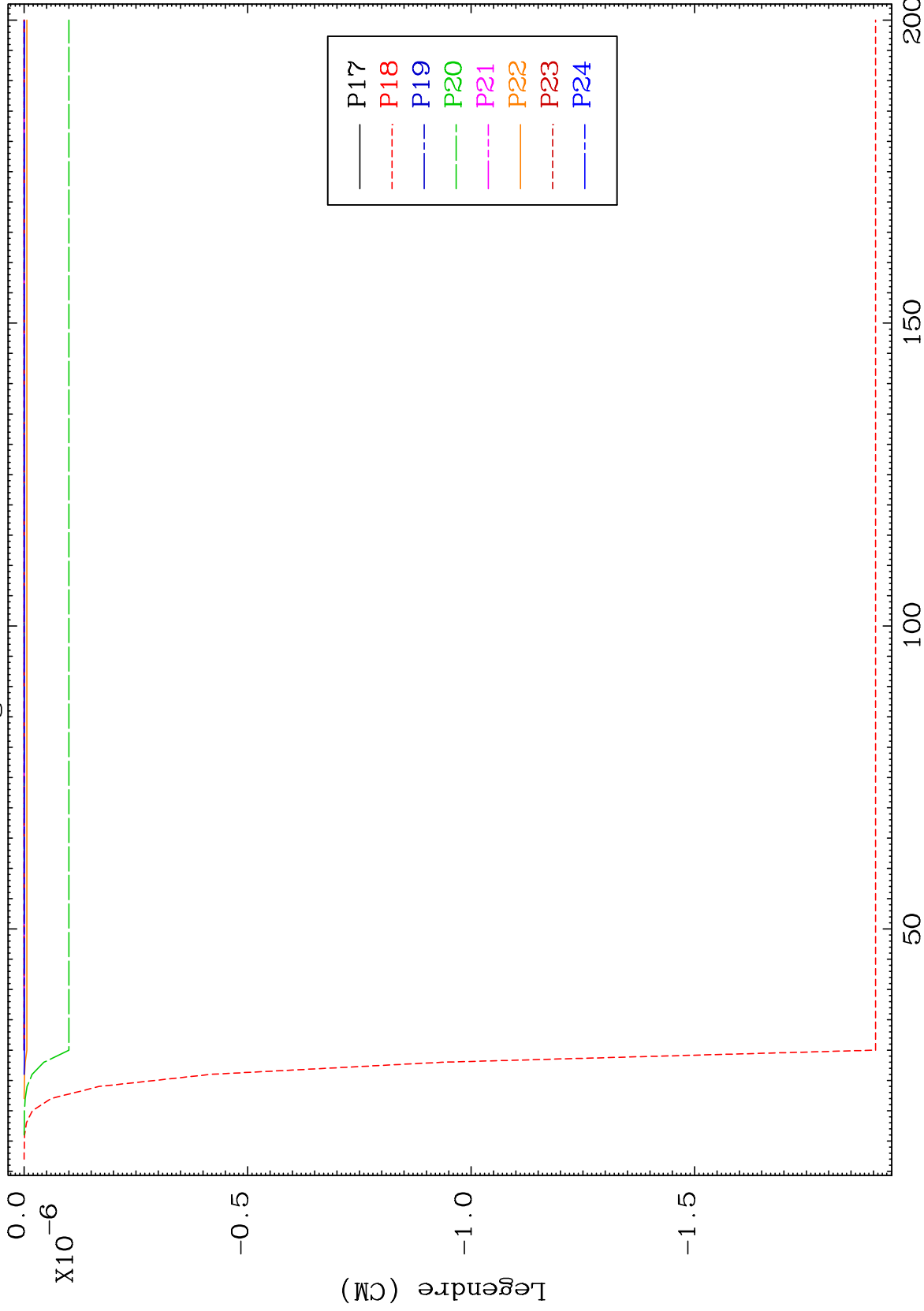
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104

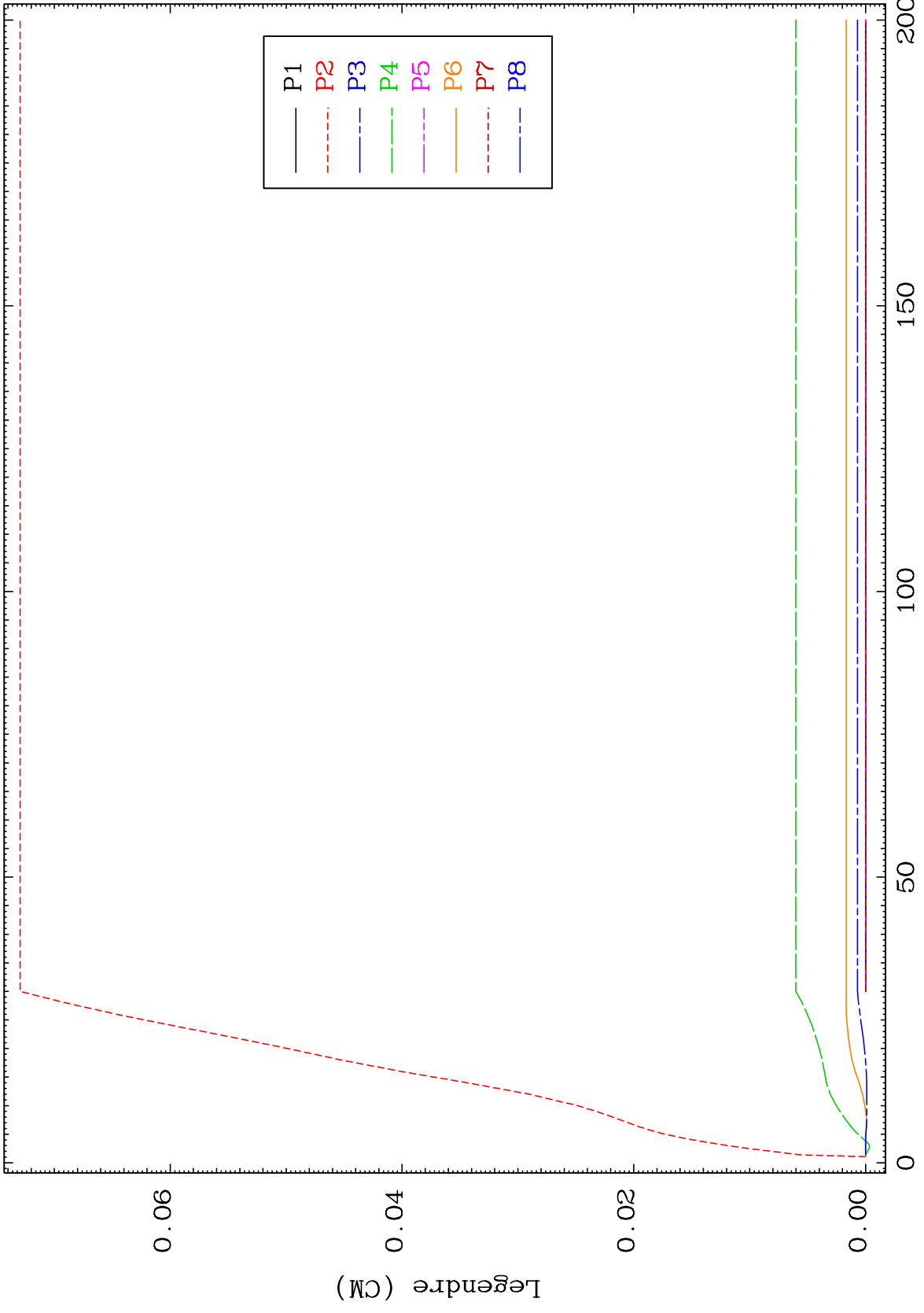


43-Tc-104

Incident Energy (MeV)

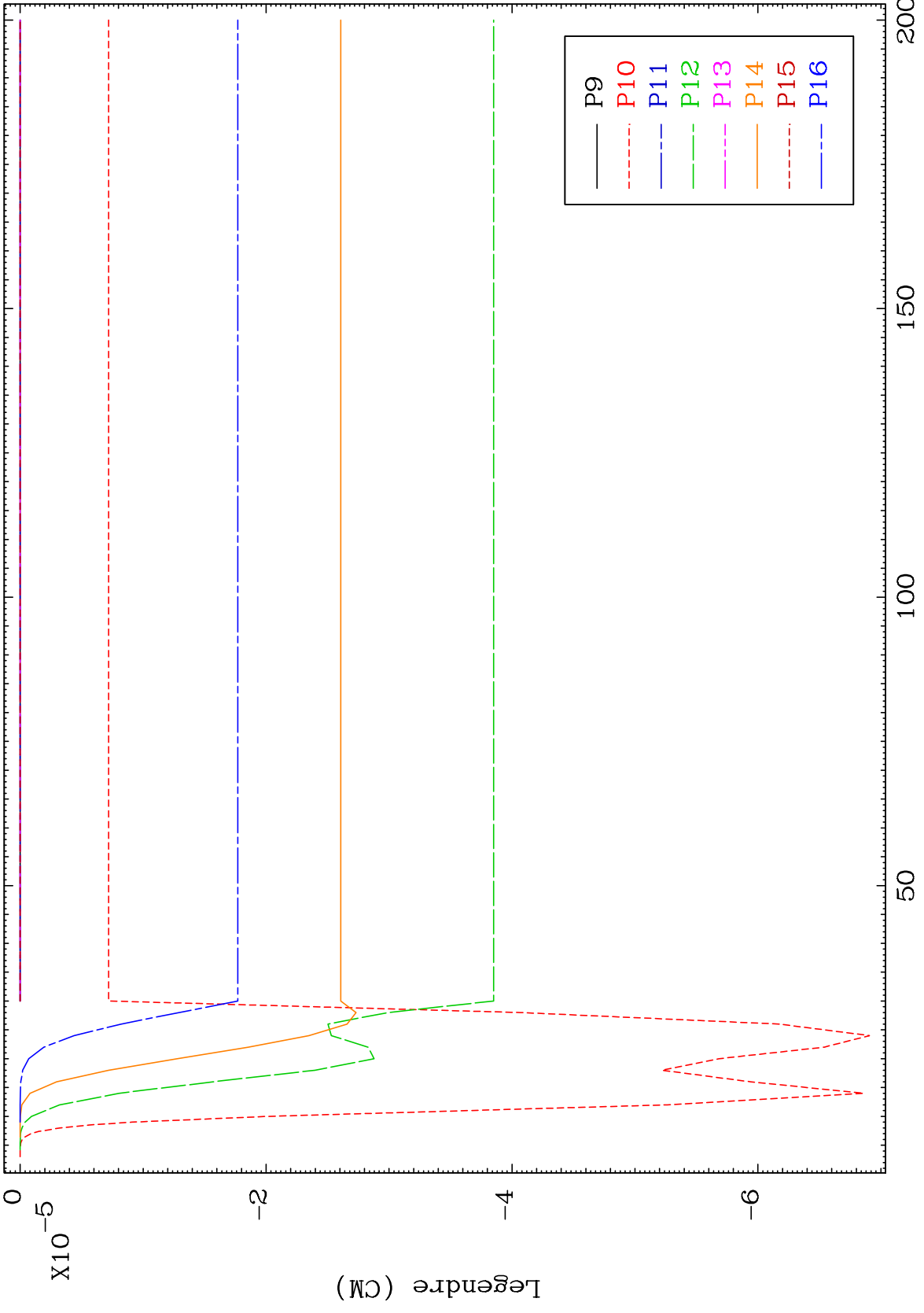
105

MAT 4340 MT= 78 (n,n') Level Legendre Coefficients 43-Tc-104



106 43-Tc-104

MAT 4340 MT= 78 (n,n') Level Legendre Coefficients 43-Tc-104

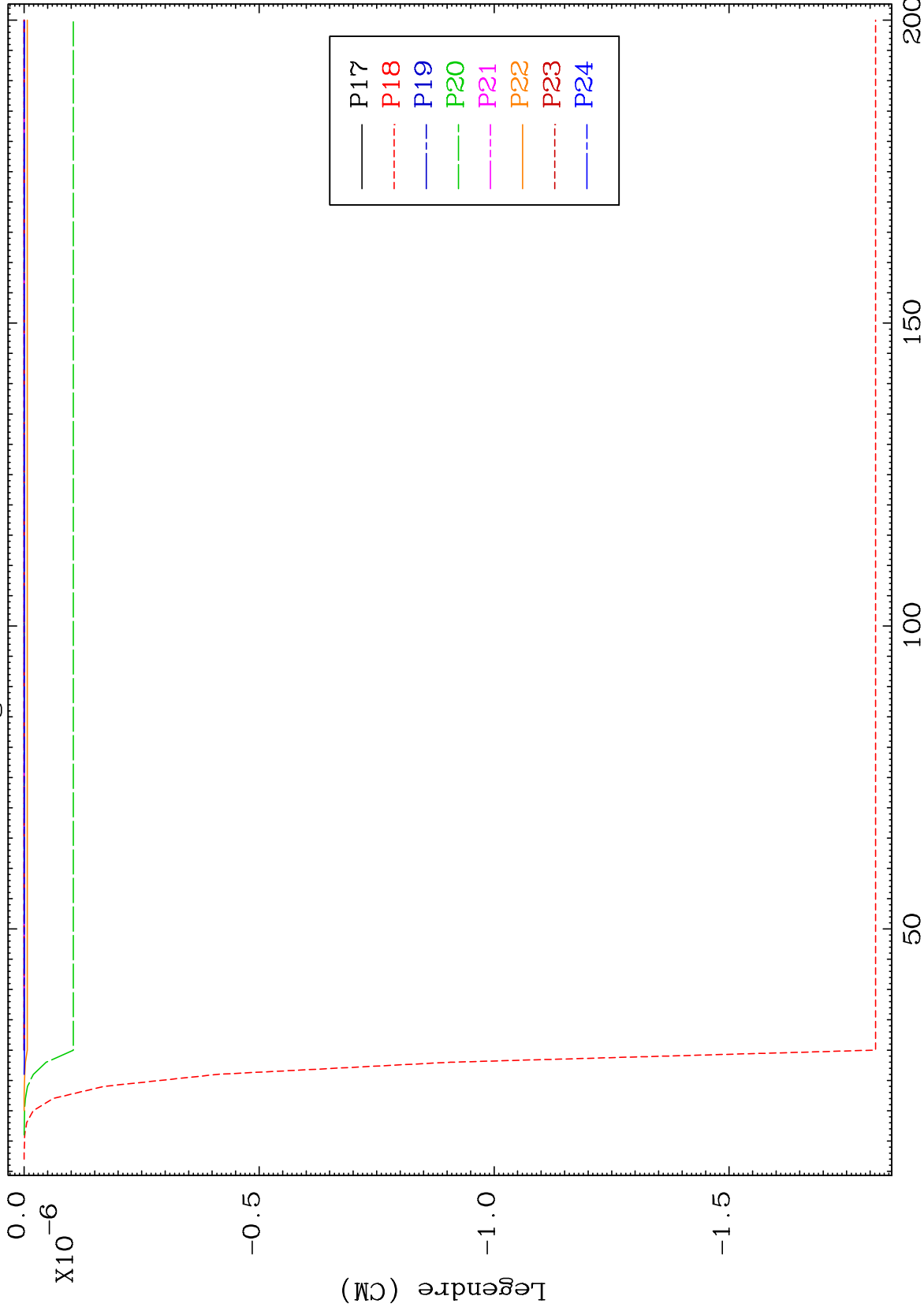


107 43-Tc-104

MAT 4340

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

43-Tc-104



43-Tc-104

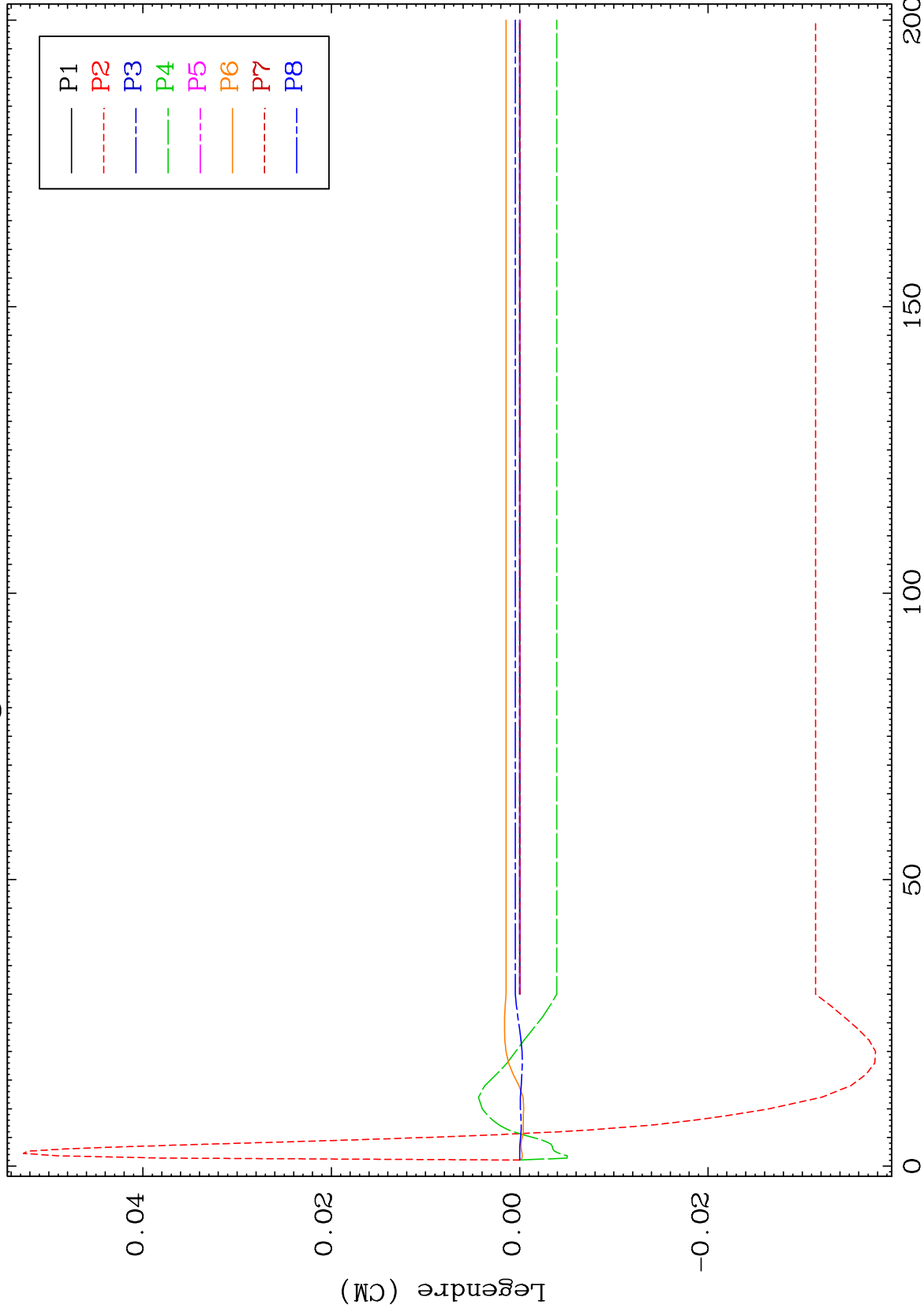
Incident Energy (MeV)

108

MAT 4340

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

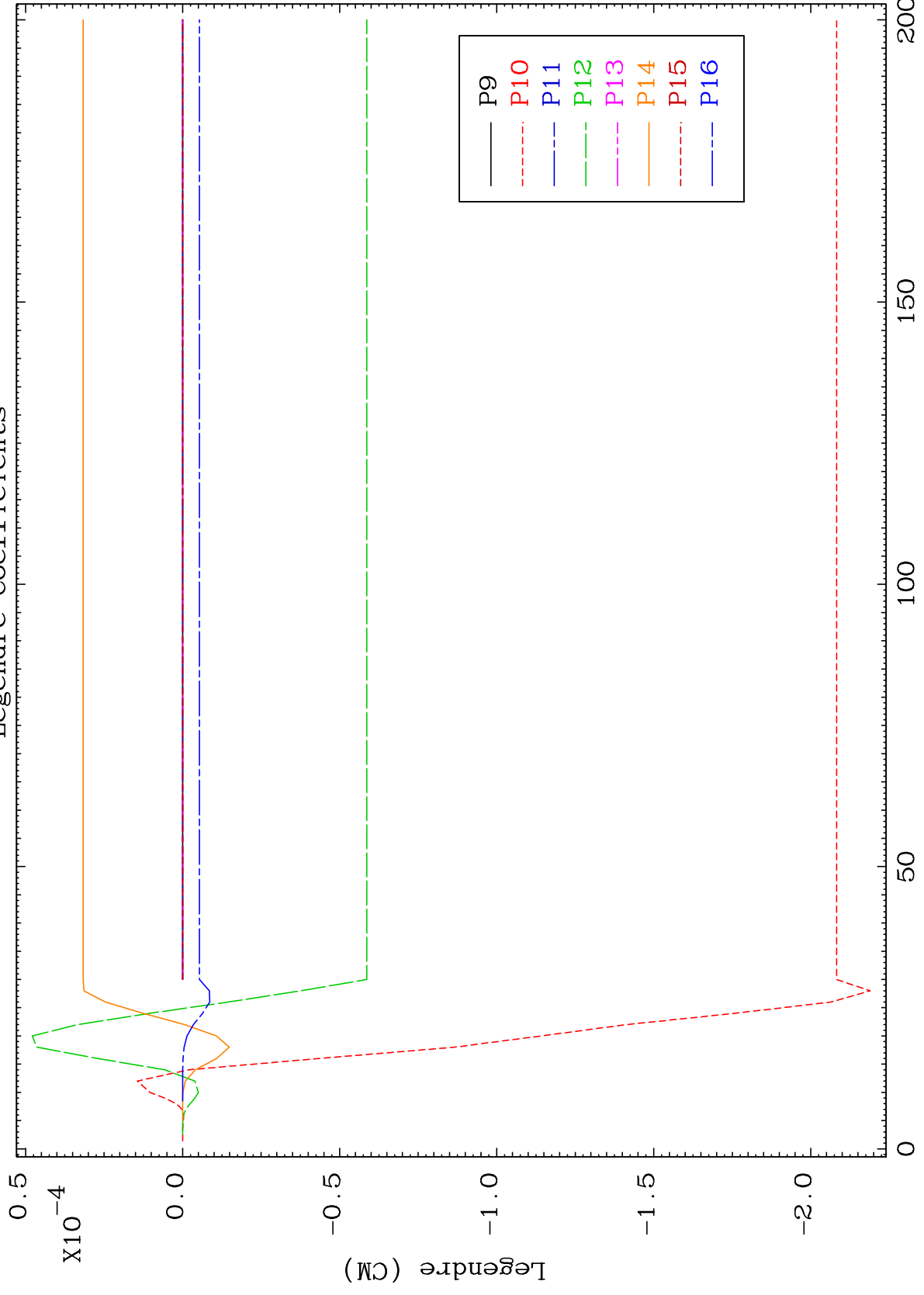
43-Tc-104



109

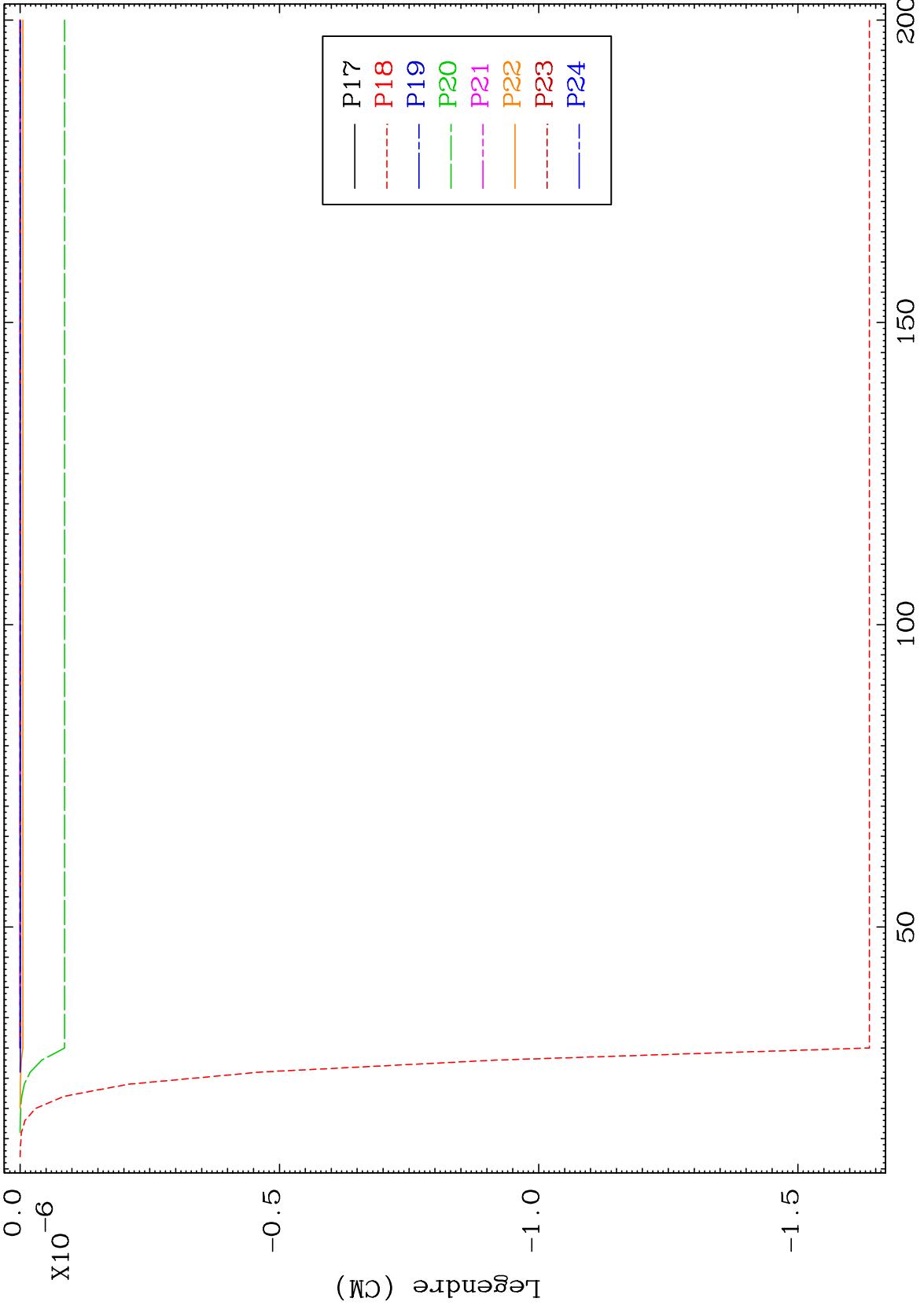
43-Tc-104

MAT 4340 MT= 79 (n,n') Level Legendre Coefficients 43-Tc-104



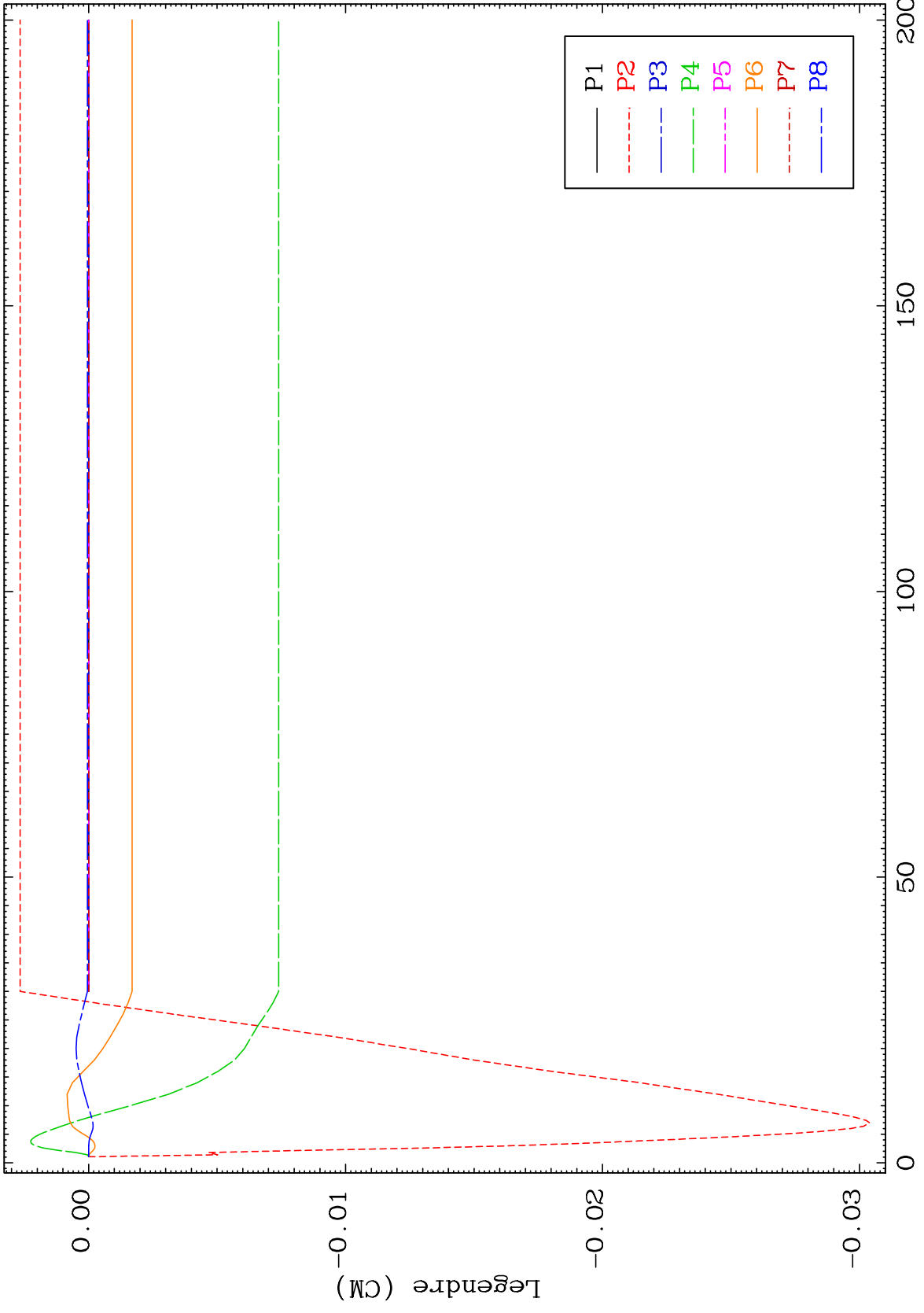
110 Incident Energy (MeV) 43-Tc-104

MAT 4340 MT= 79 (n,n') Level Legendre Coefficients 43-Tc-104



111 43-Tc-104

MAT 4340 MT= 80 (n,n') Level Legendre Coefficients 43-Tc-104

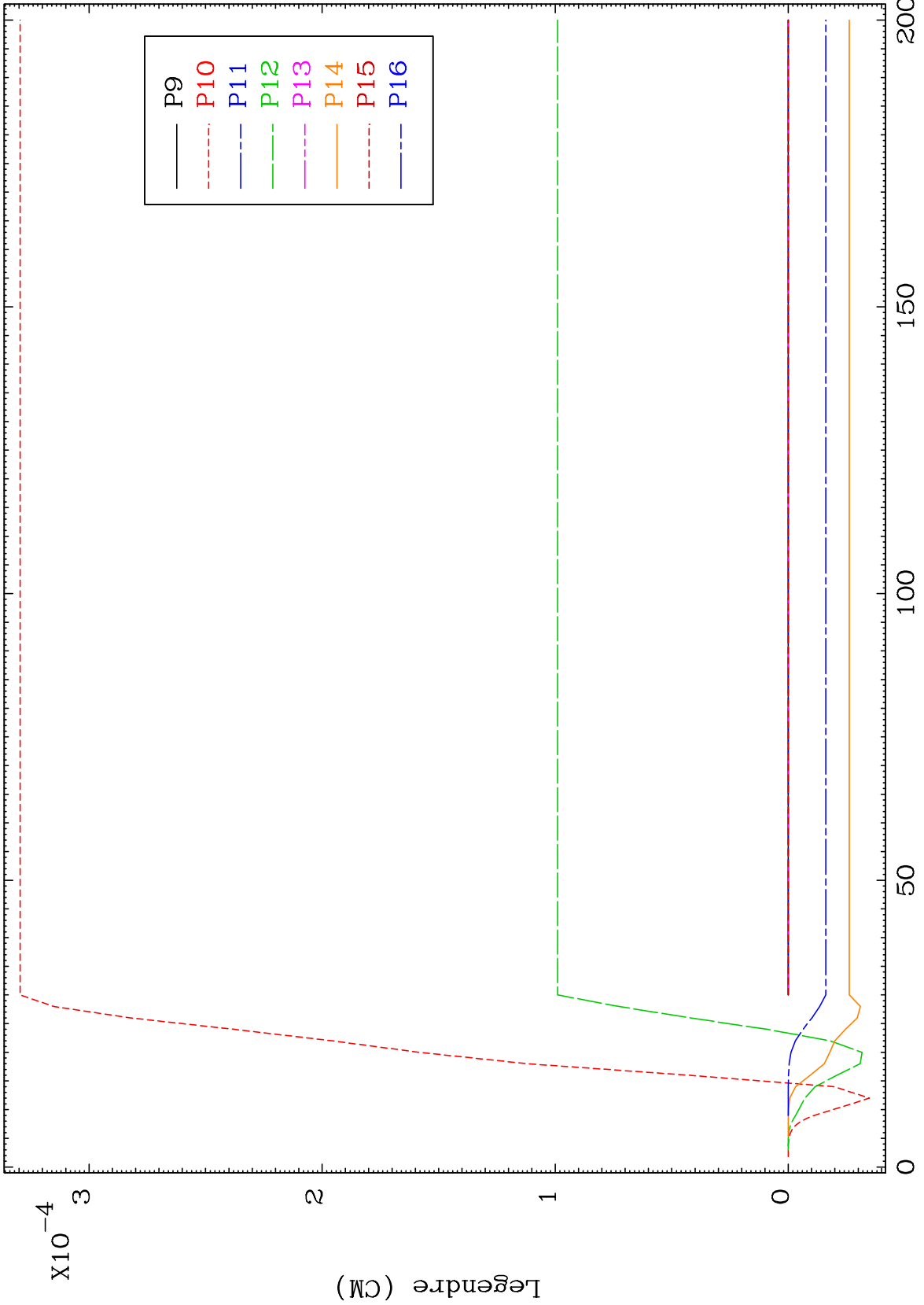


112 Incident Energy (MeV) 43-Tc-104

MAT 4340

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

43-Tc-104

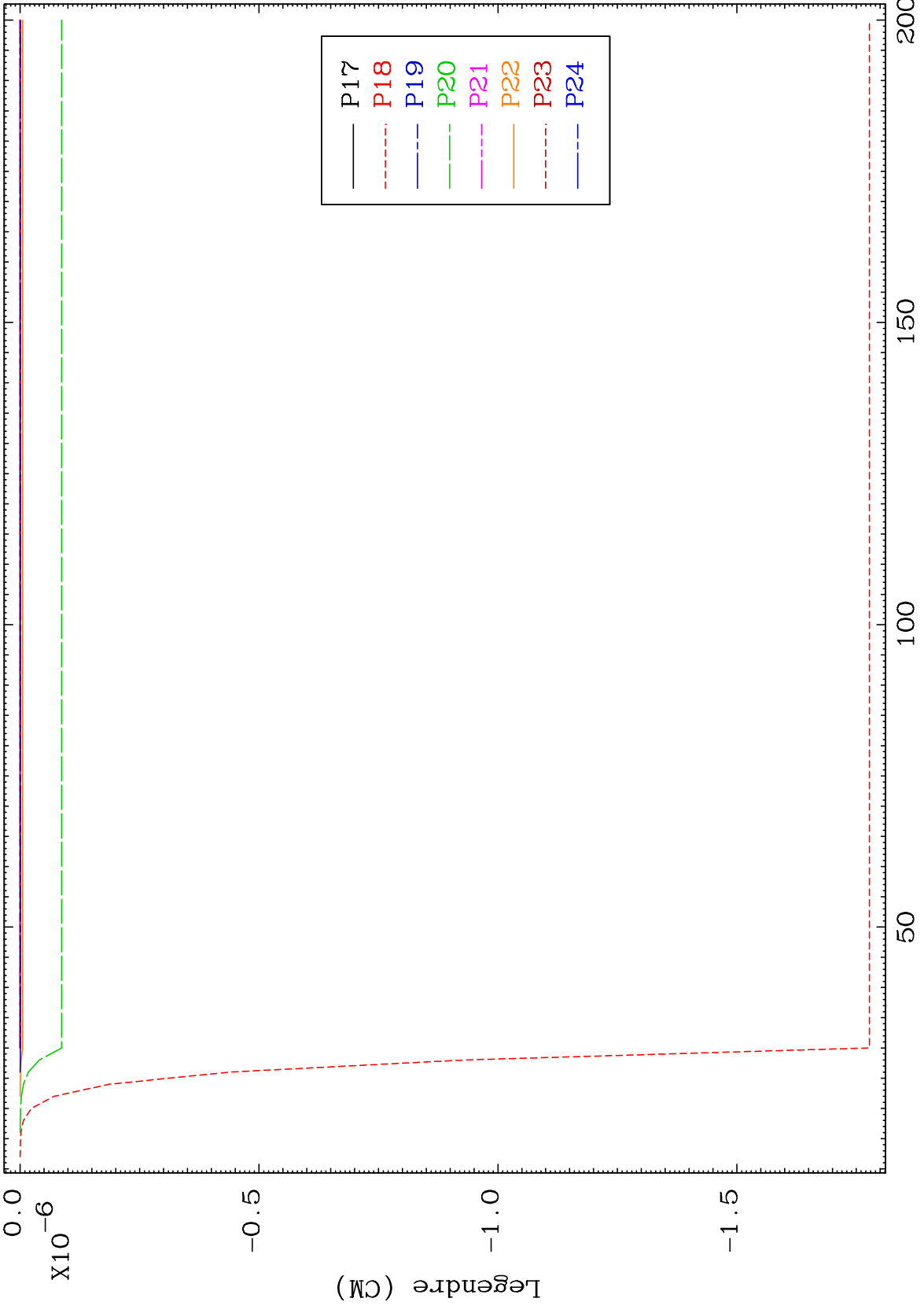


113

Incident Energy (MeV)

43-Tc-104

MAT 4340 MT= 80 (n, n') Level Legendre Coefficients 43-Tc-104



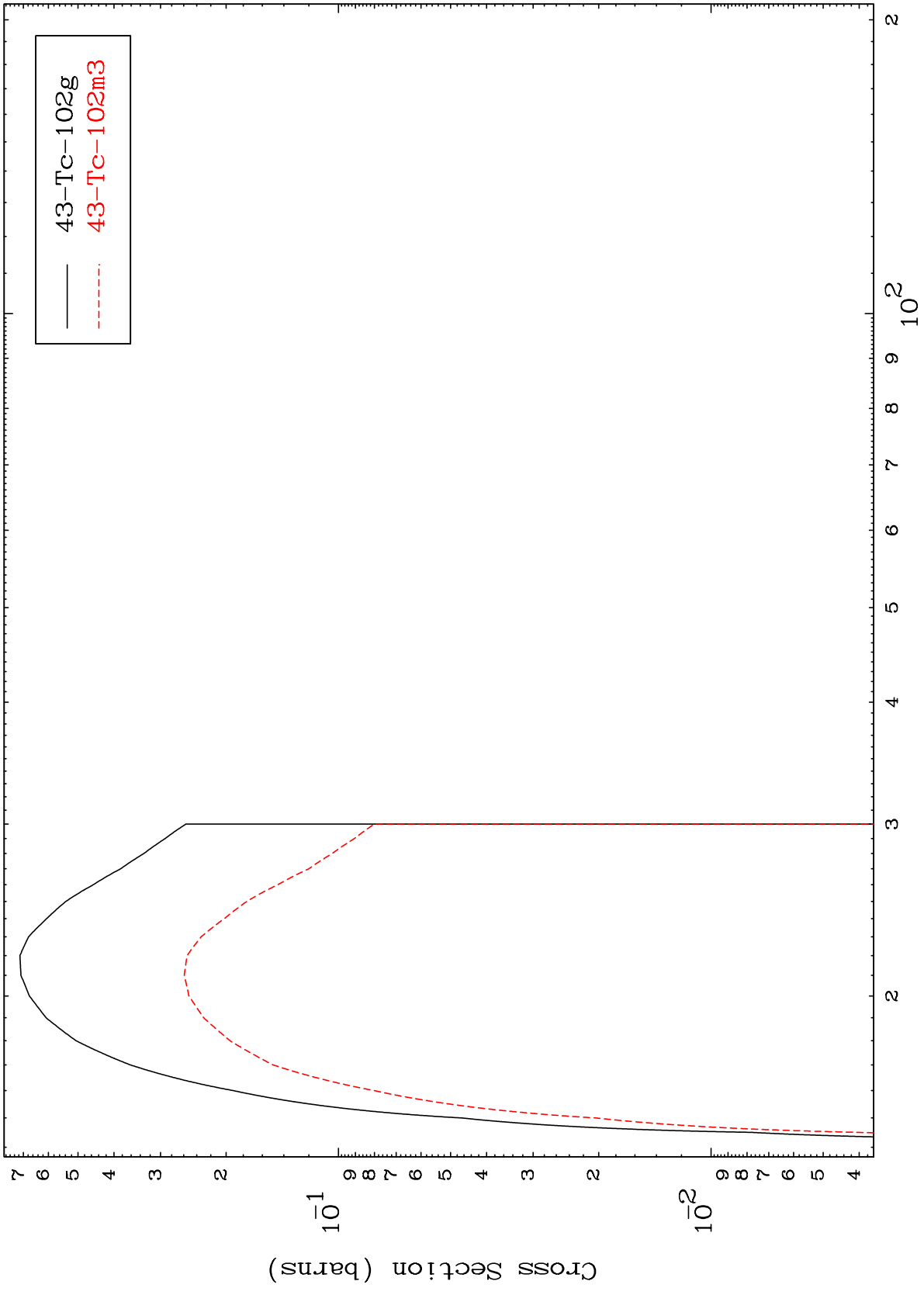
114 43-Tc-104

MAT 4340

(n,3n)

43-Tc-104

Radionuclide Production Cross Section



43-Tc-102g
43-Tc-102m3

115

Incident Energy (MeV)

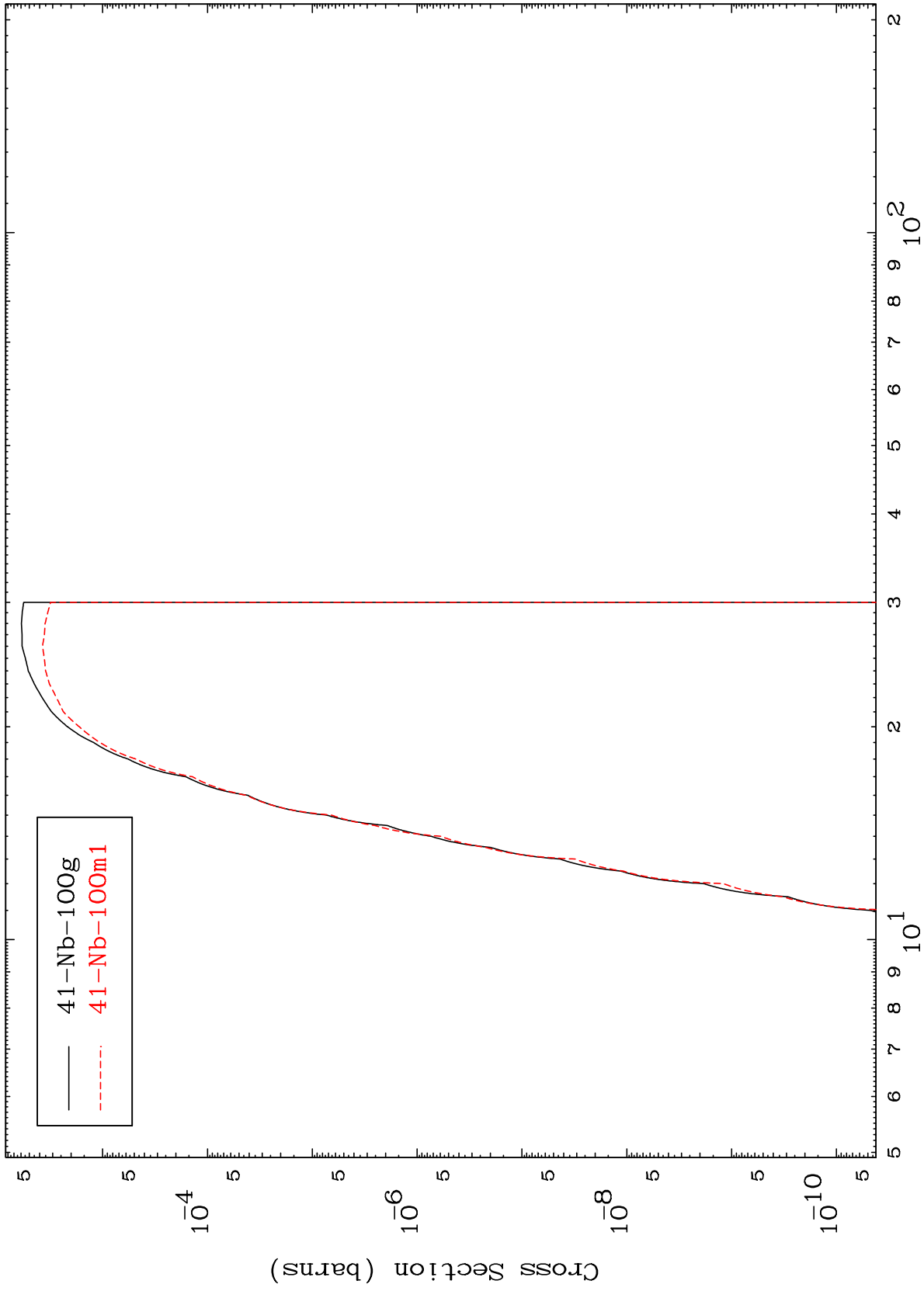
43-Tc-104

MAT 4340

(n,n') α

43-Tc-104

Radionuclide Production Cross Section



116

Incident Energy (MeV)

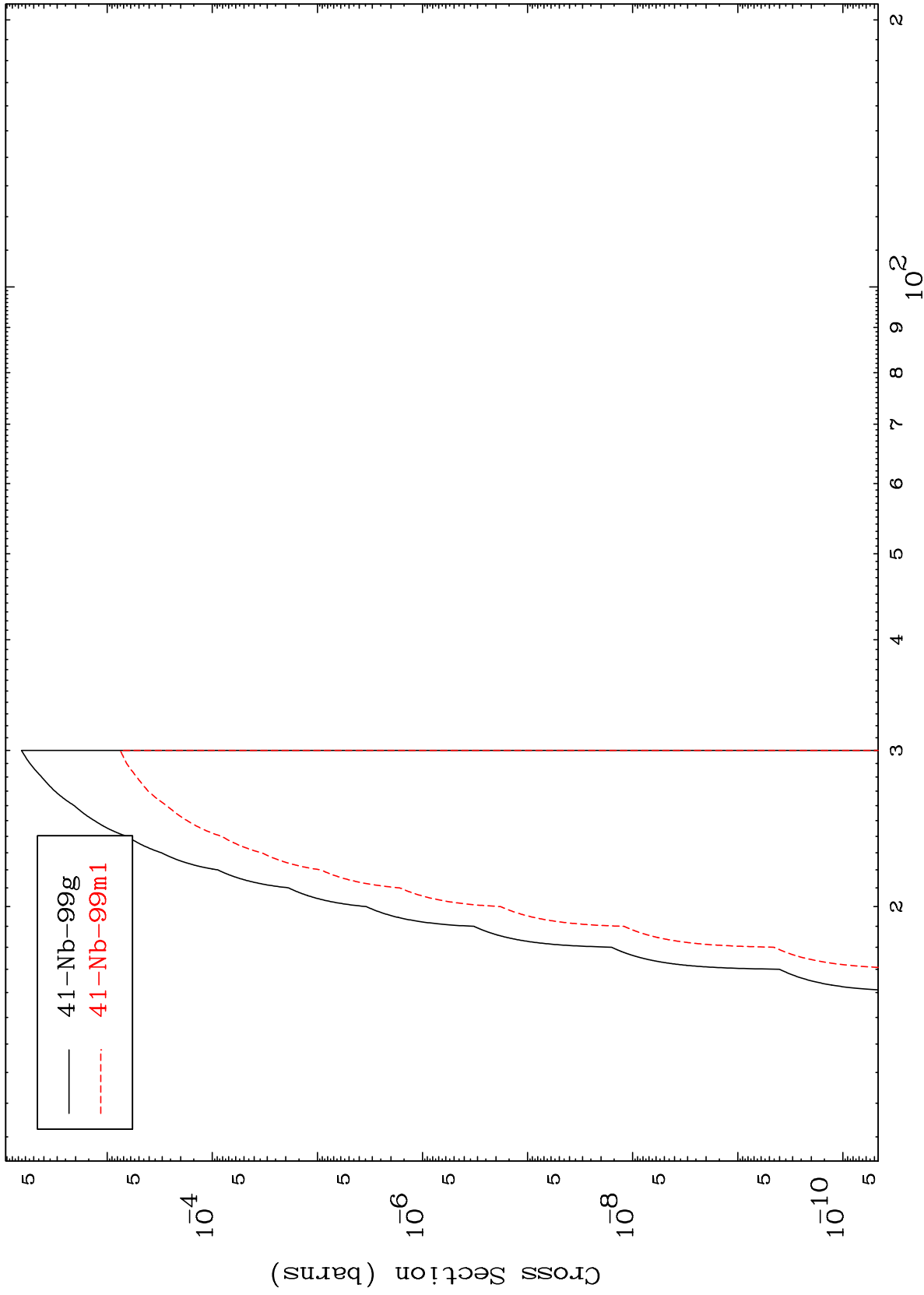
43-Tc-104

MAT 4340

(n,2n) α

43-Tc-104

Radionuclide Production Cross Section



117

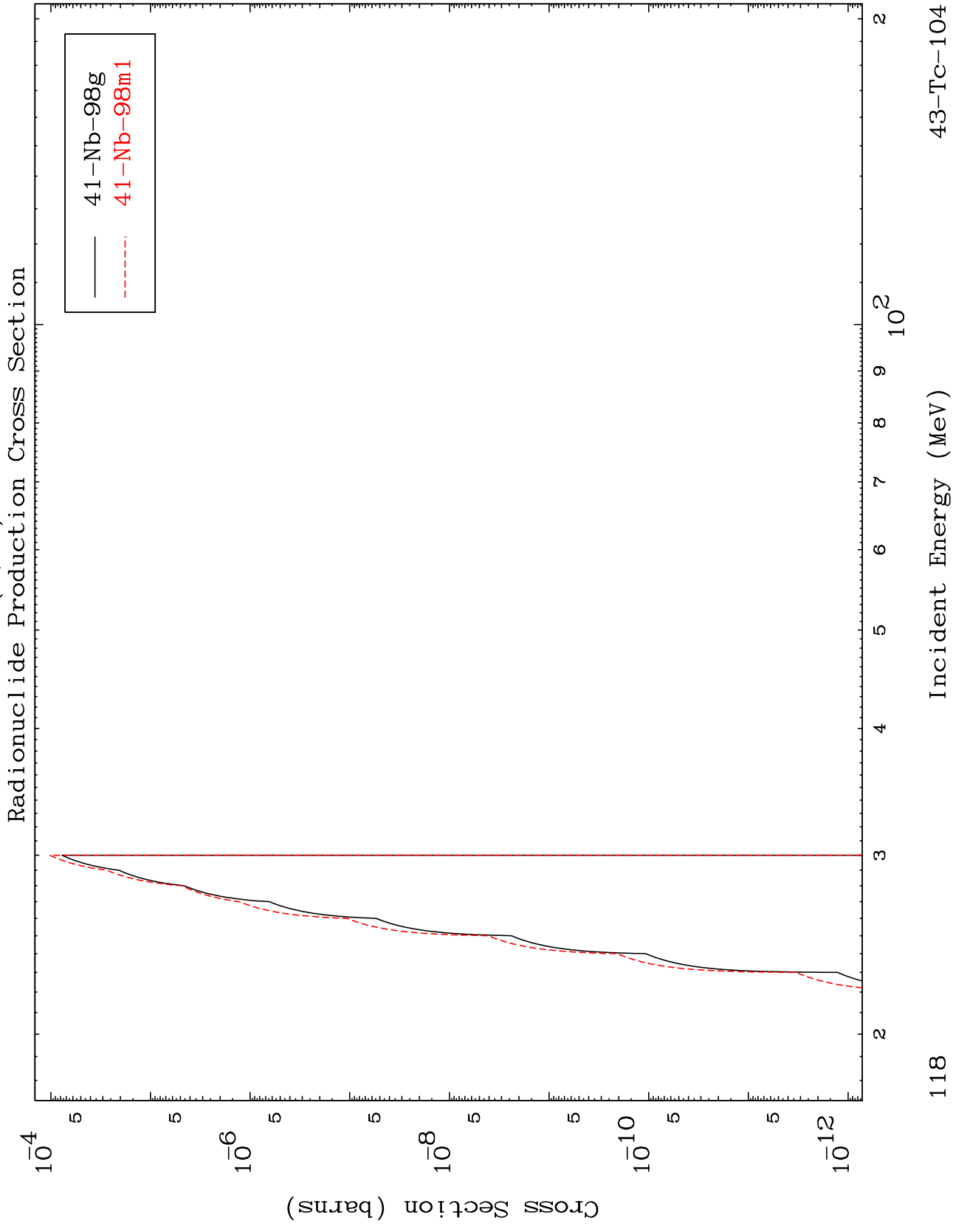
Incident Energy (MeV)

43-Tc-104

MAT 4340

(n,3n) α

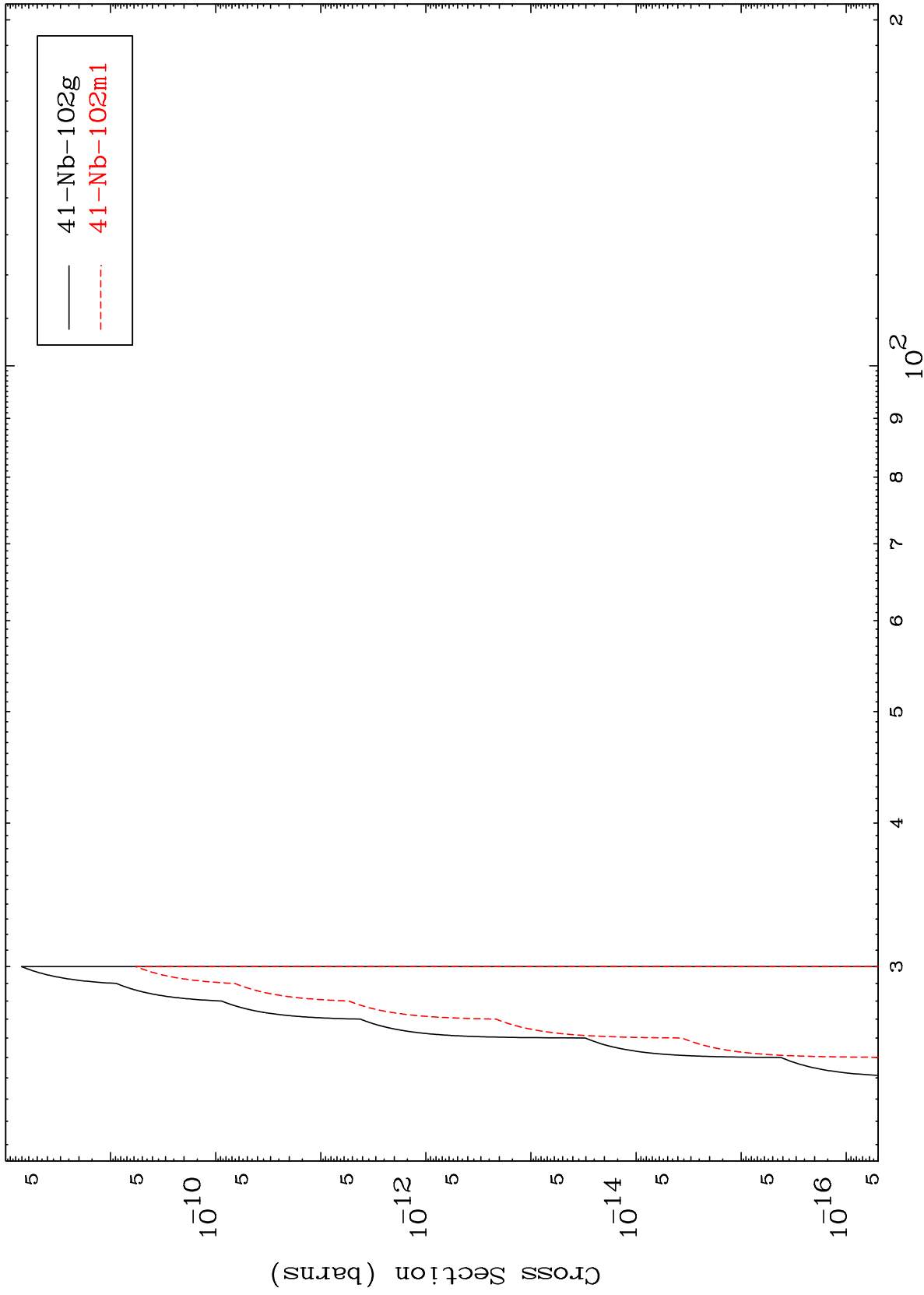
43-Tc-104



118

43-Tc-104

Radionuclide Production Cross Section



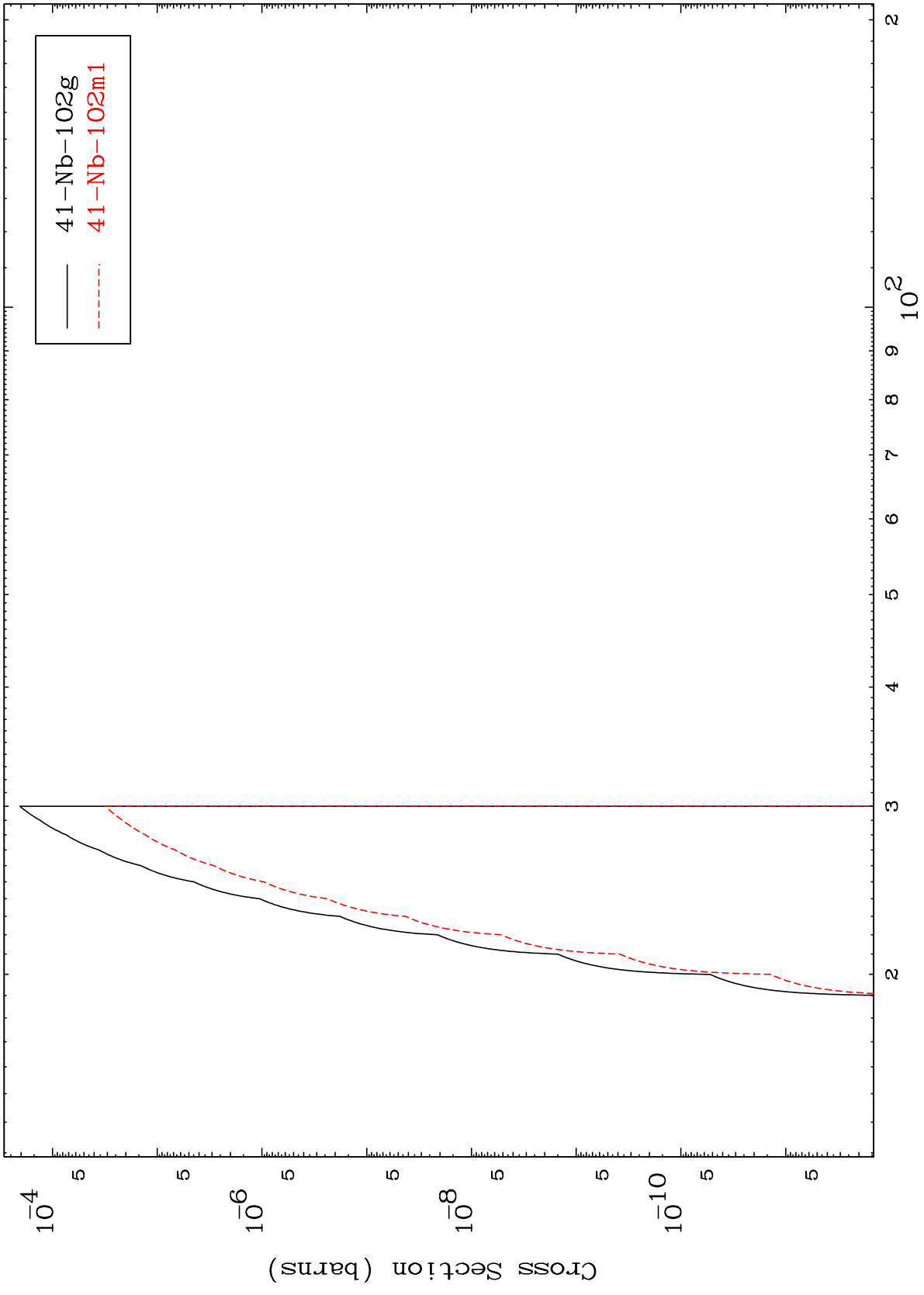
41-Nb-102g
41-Nb-102m1

MAT 4340

(n, He-3)

43-Tc-104

Radionuclide Production Cross Section



120

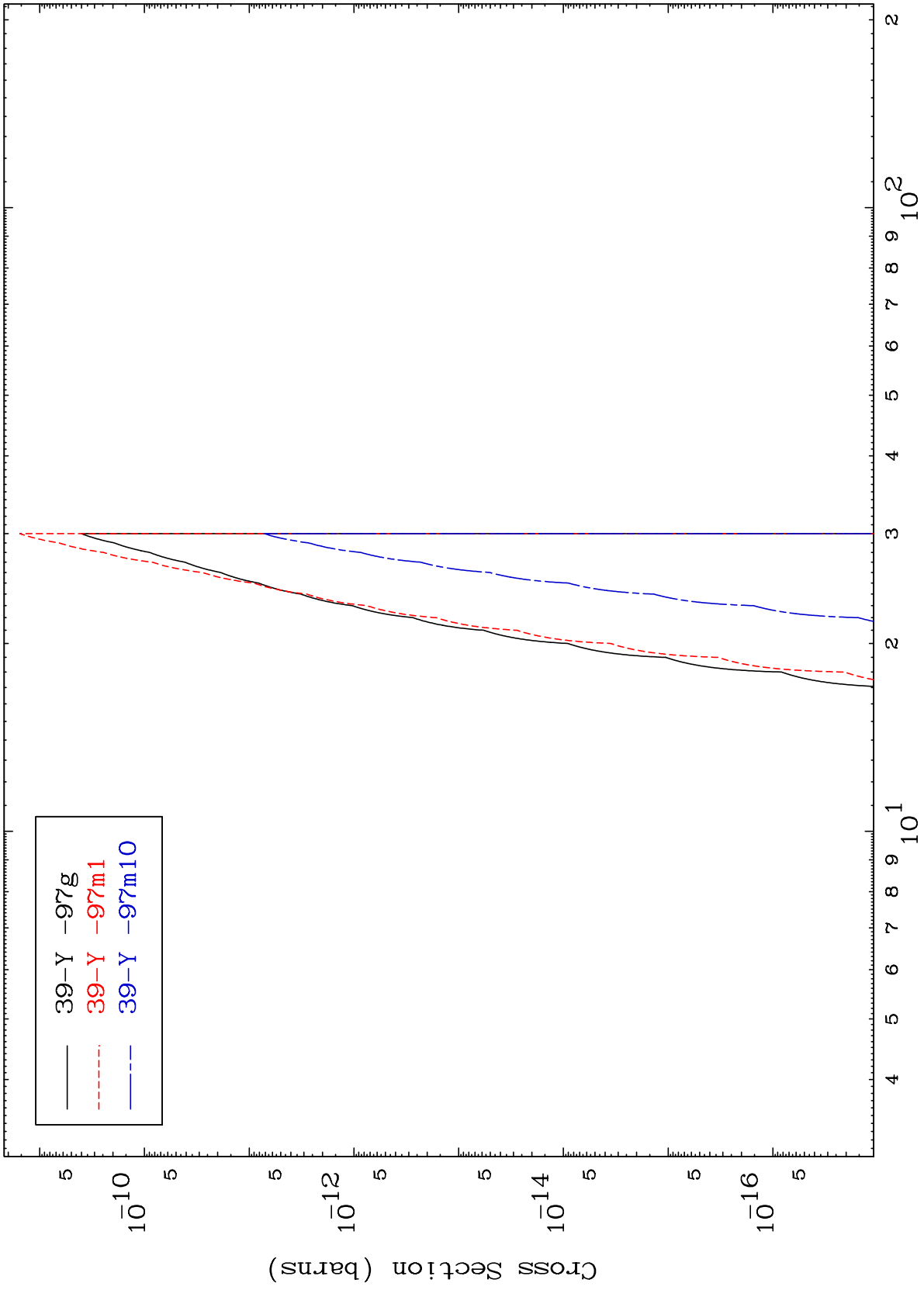
Incident Energy (MeV)

43-Tc-104

MAT 4340

43-Tc-104

Radionuclide Production Cross Section
(n,2α)



121

43-Tc-104