

Program EVALPLOT  
(Version 2018-1)

by

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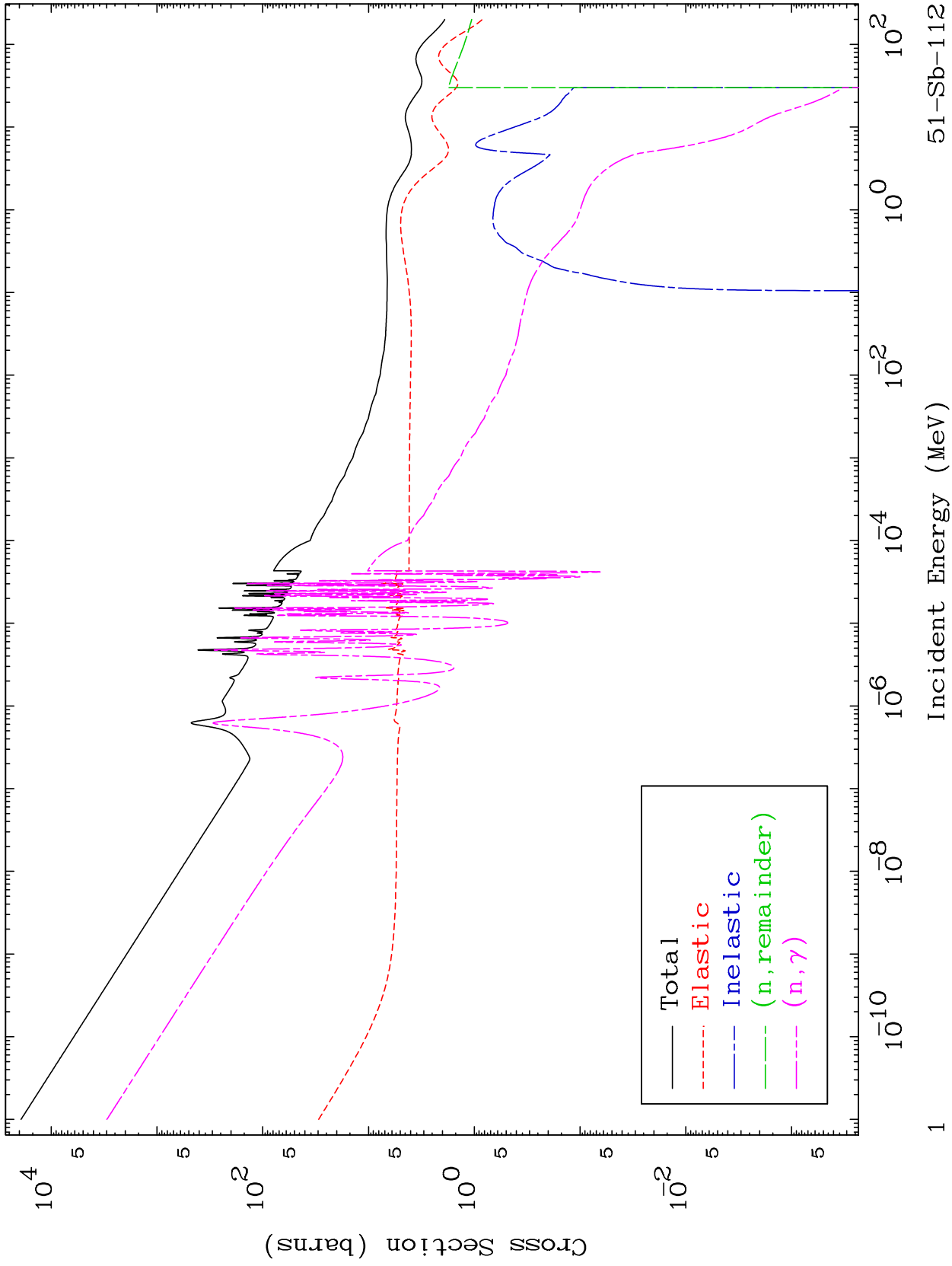
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5098

Major  
293 Kelvin Cross Sections

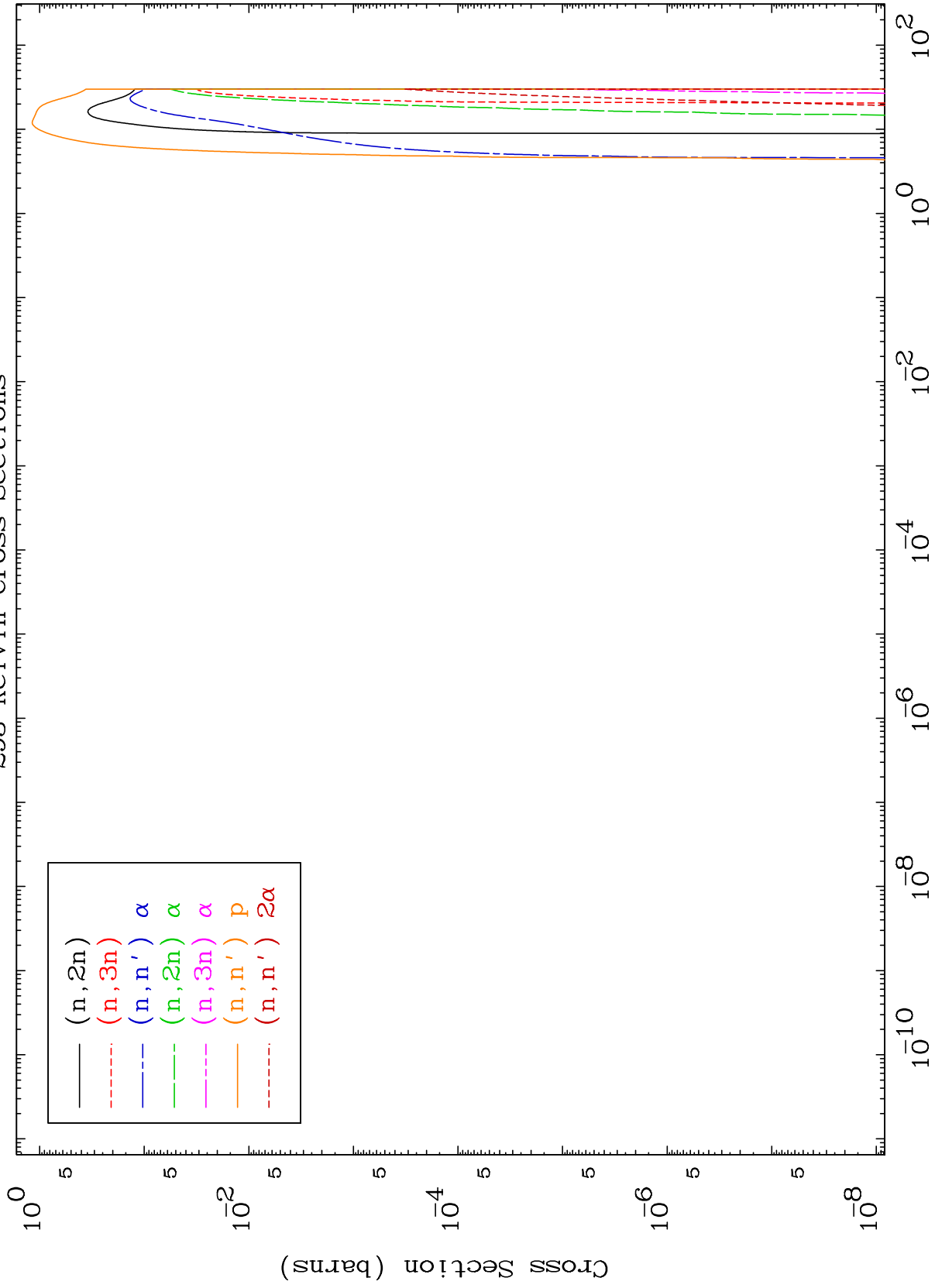
51-Sb-112



MAT 5098

Neutron Production  
293 Kelvin Cross Sections

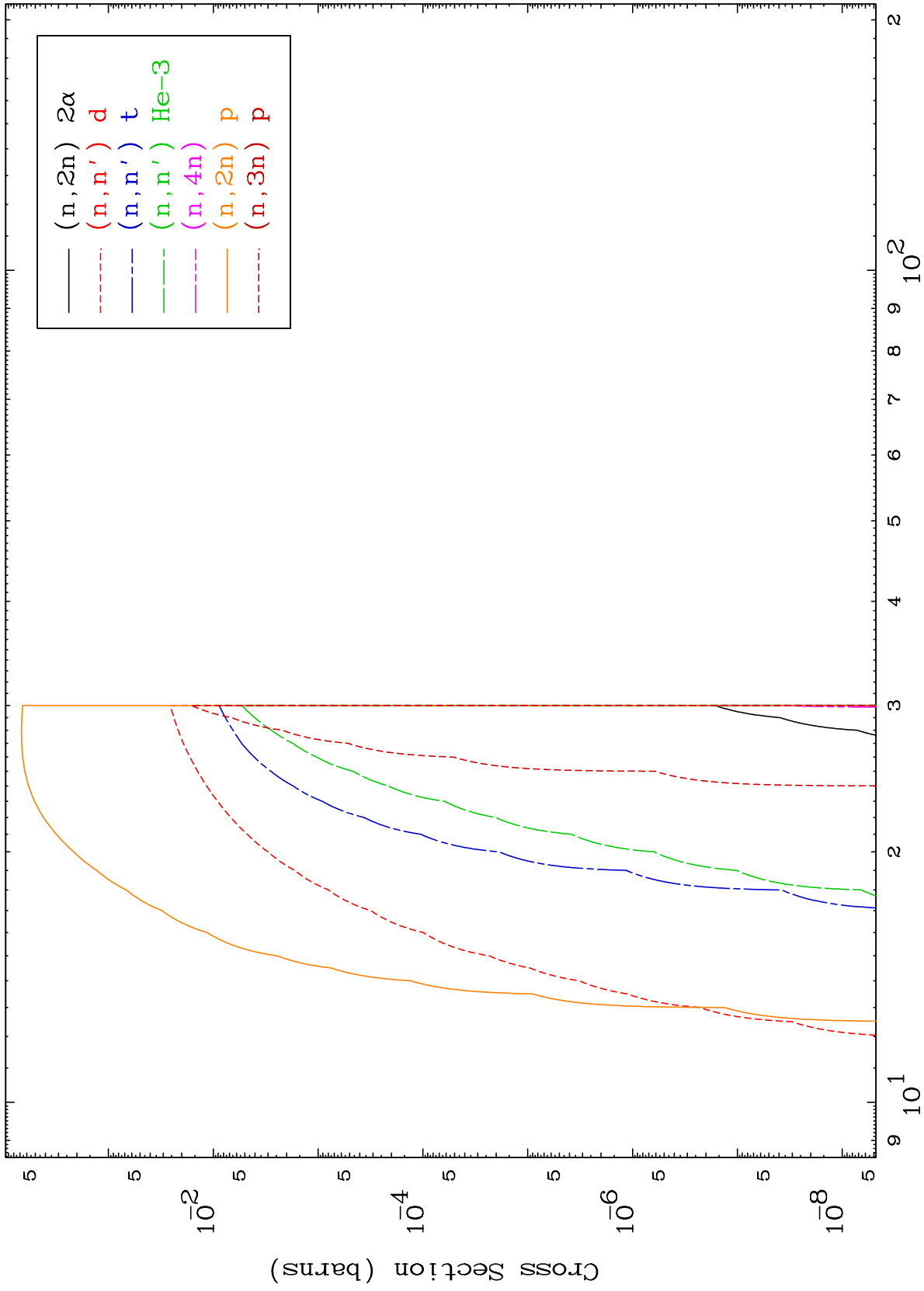
51-Sb-112



2

Incident Energy (MeV)

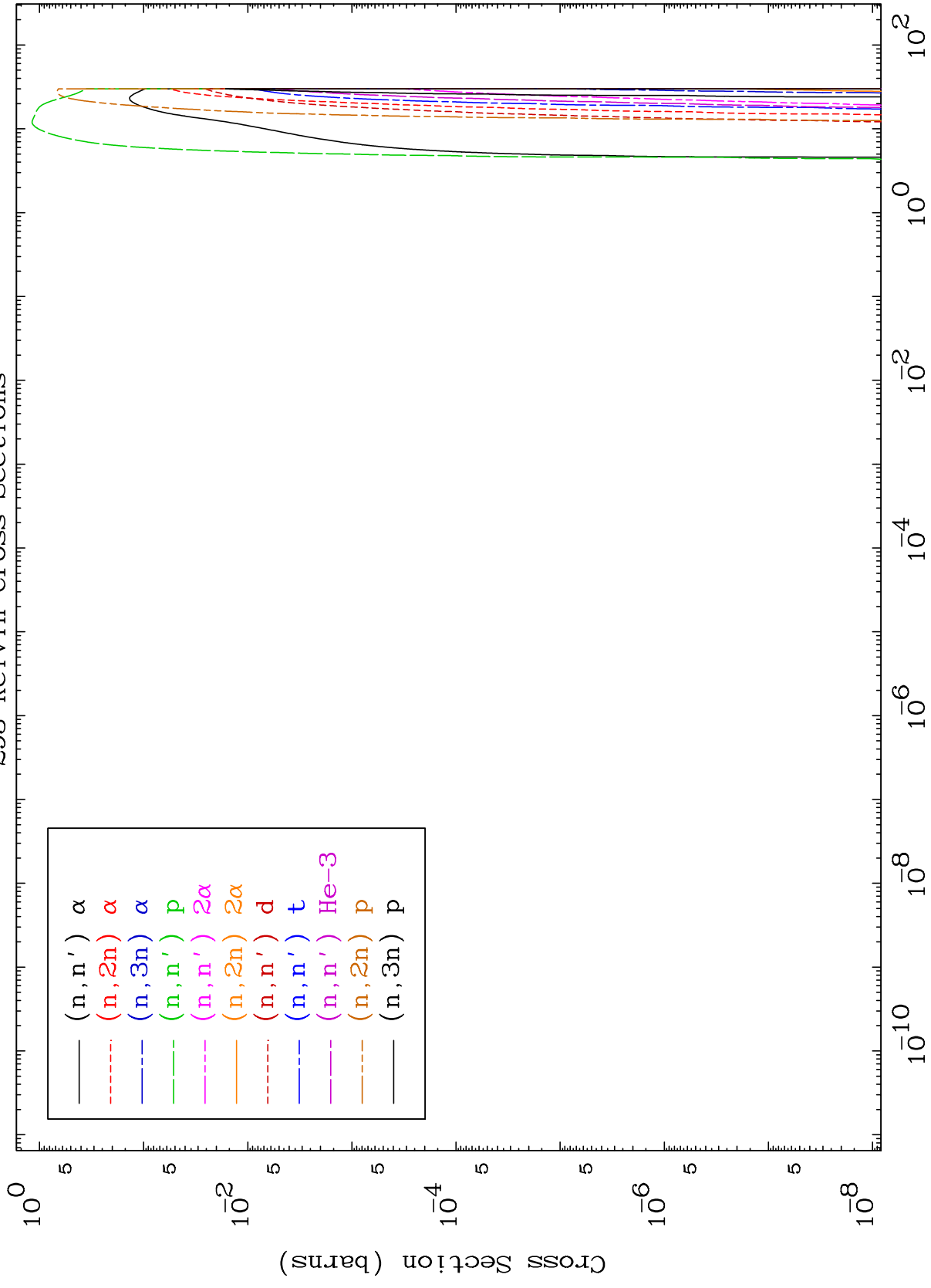
51-Sb-112



MAT 5098

293 Charged Particle  
Kelvin Cross Sections

51-Sb-112

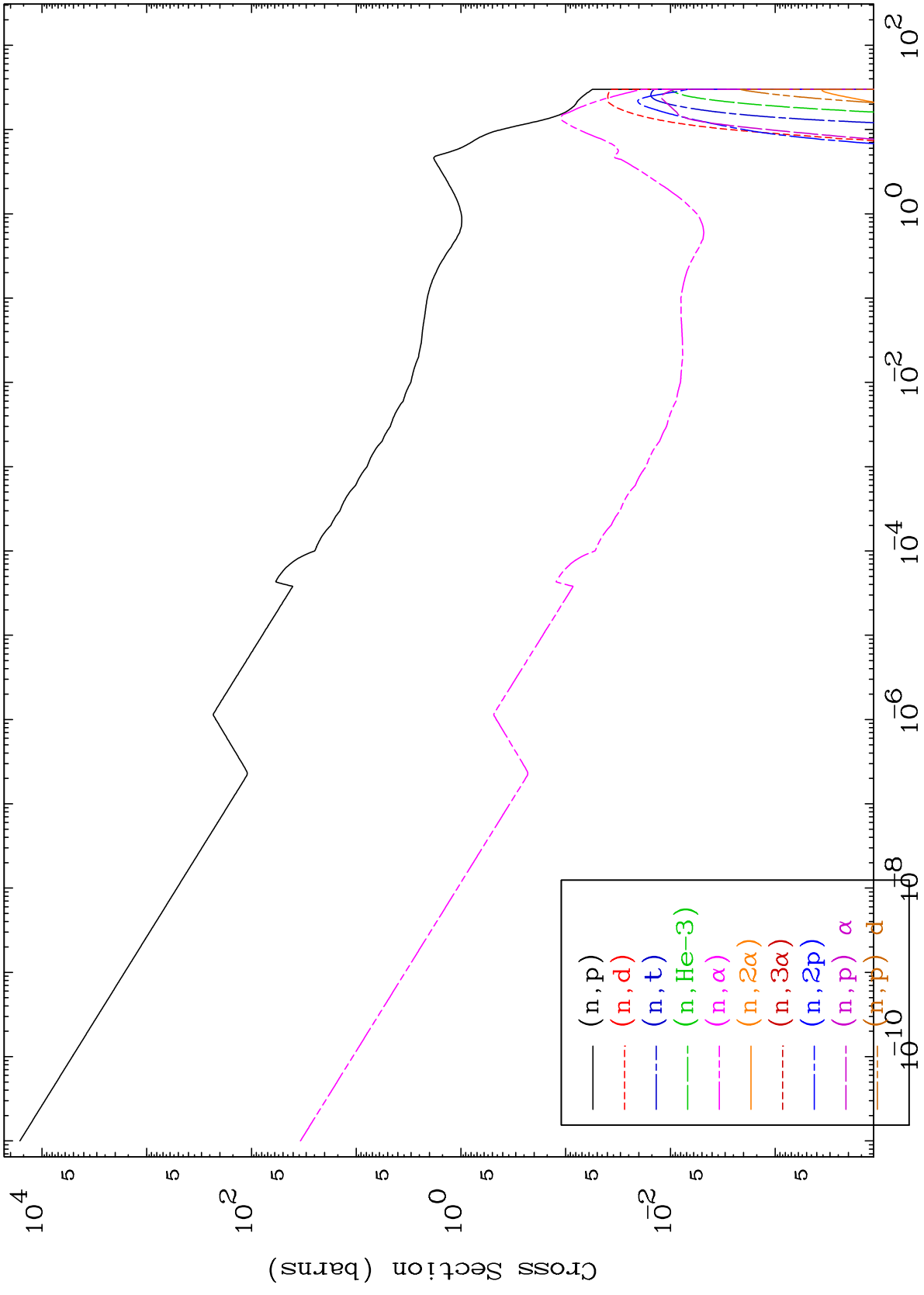


51-Sb-112

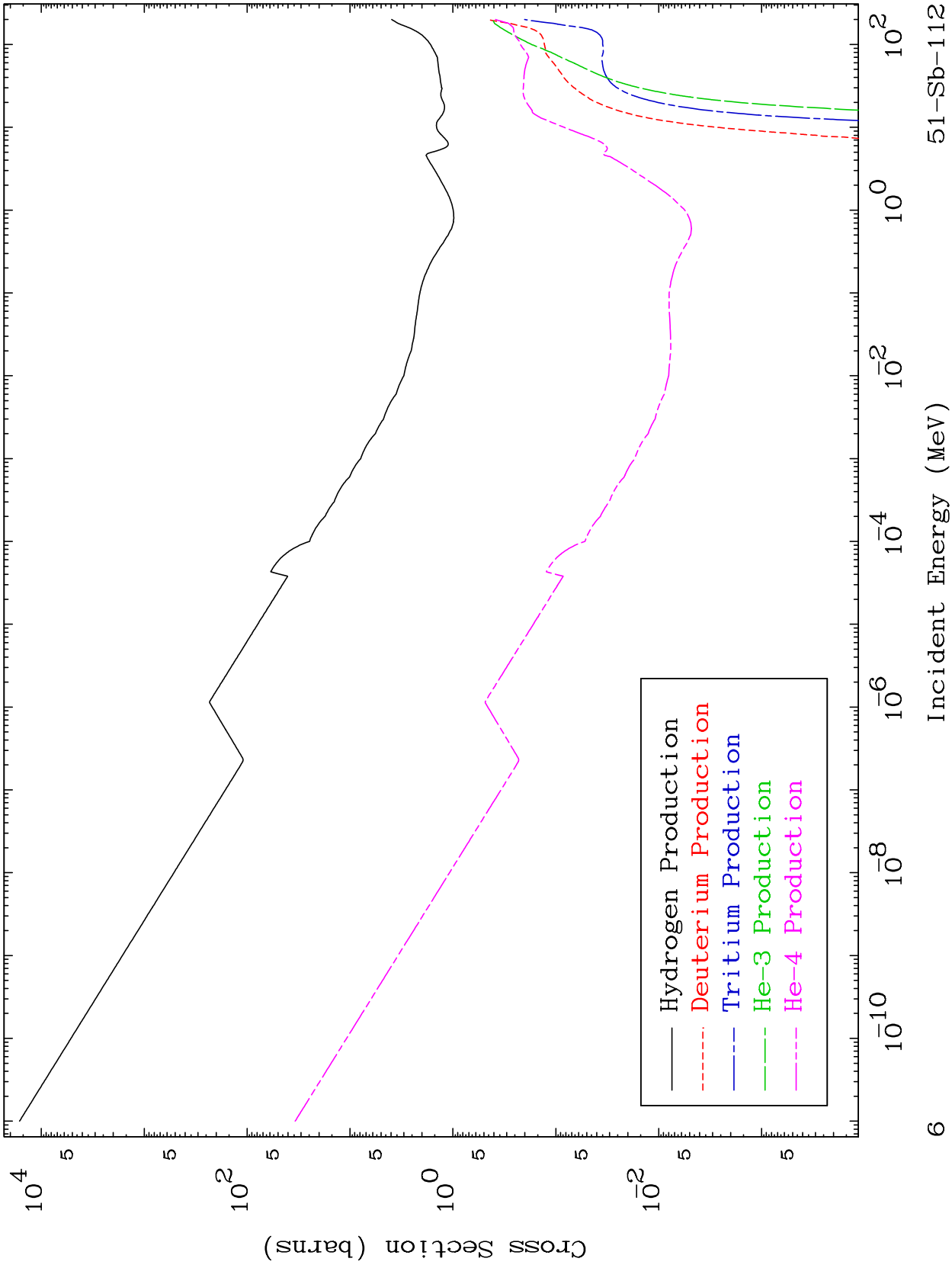
MAT 5098

293 Charged Particle  
Kelvin Cross Sections

51-Sb-112



51-Sb-112

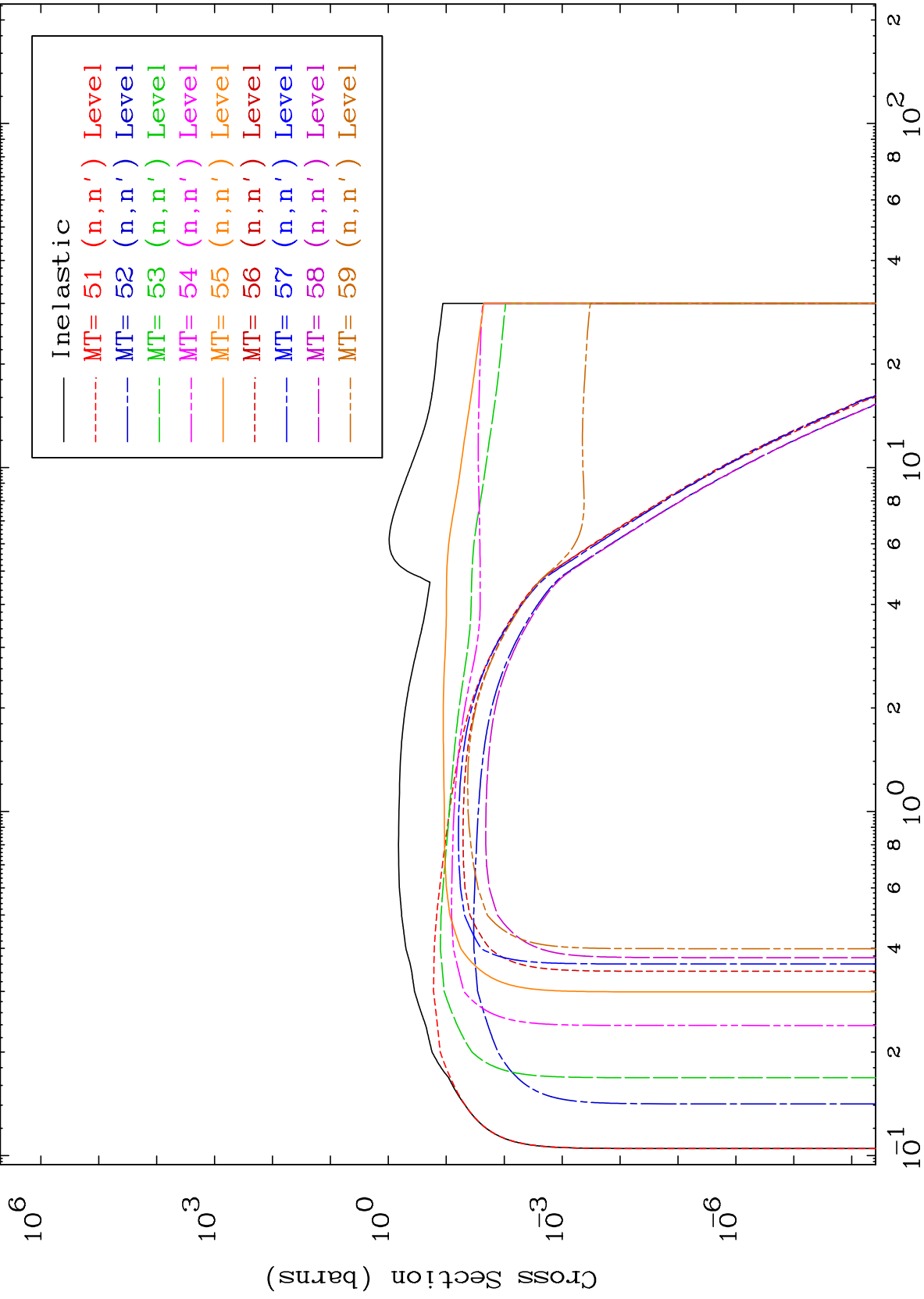


MAT 5098

(n,n') Level

51-Sb-112

293 Kelvin Cross Sections



Incident Energy (MeV)

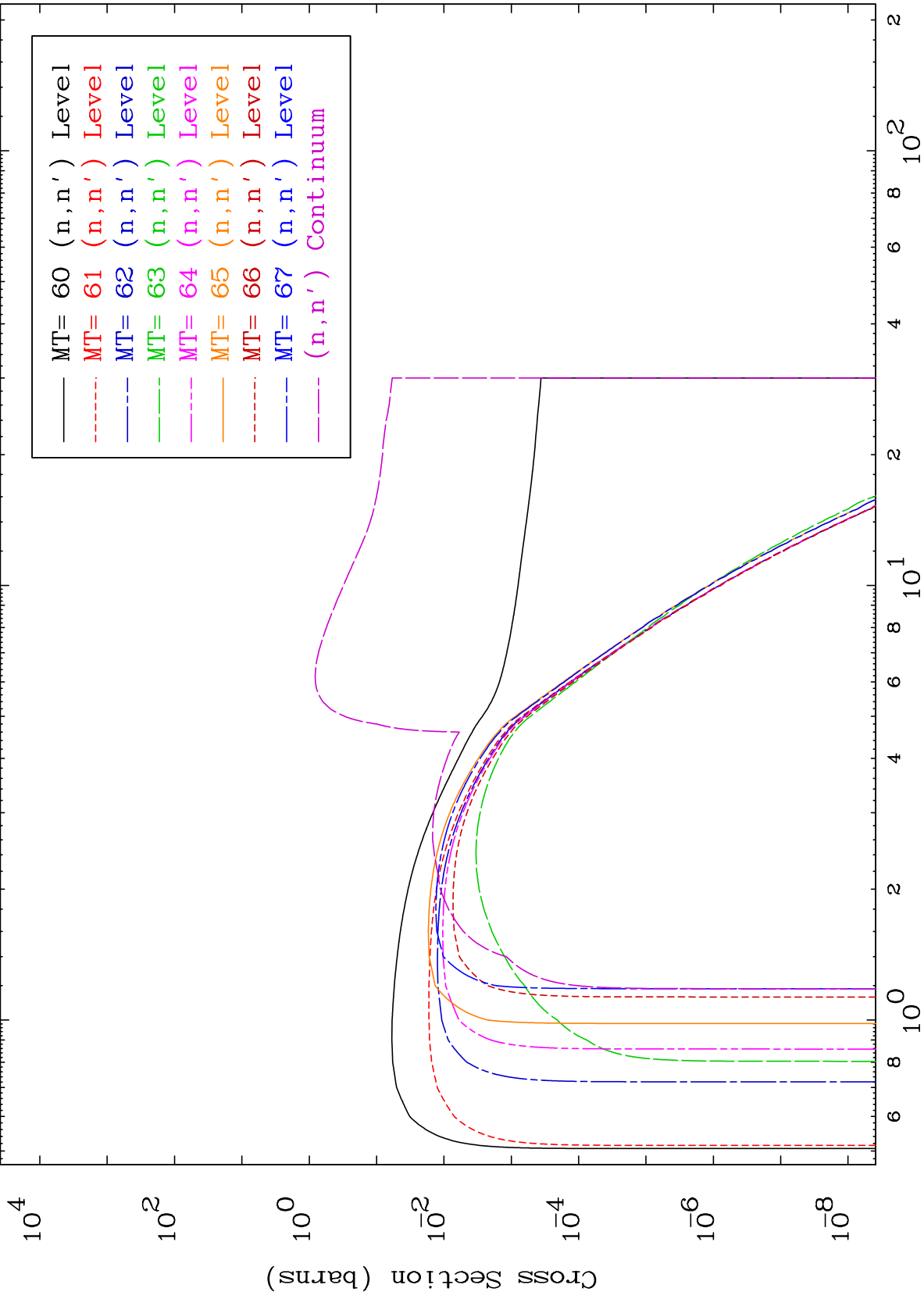
51-Sb-112



MAT 5098

(n,n') Level  
293 Kelvin Cross Sections

51-Sb-112



8

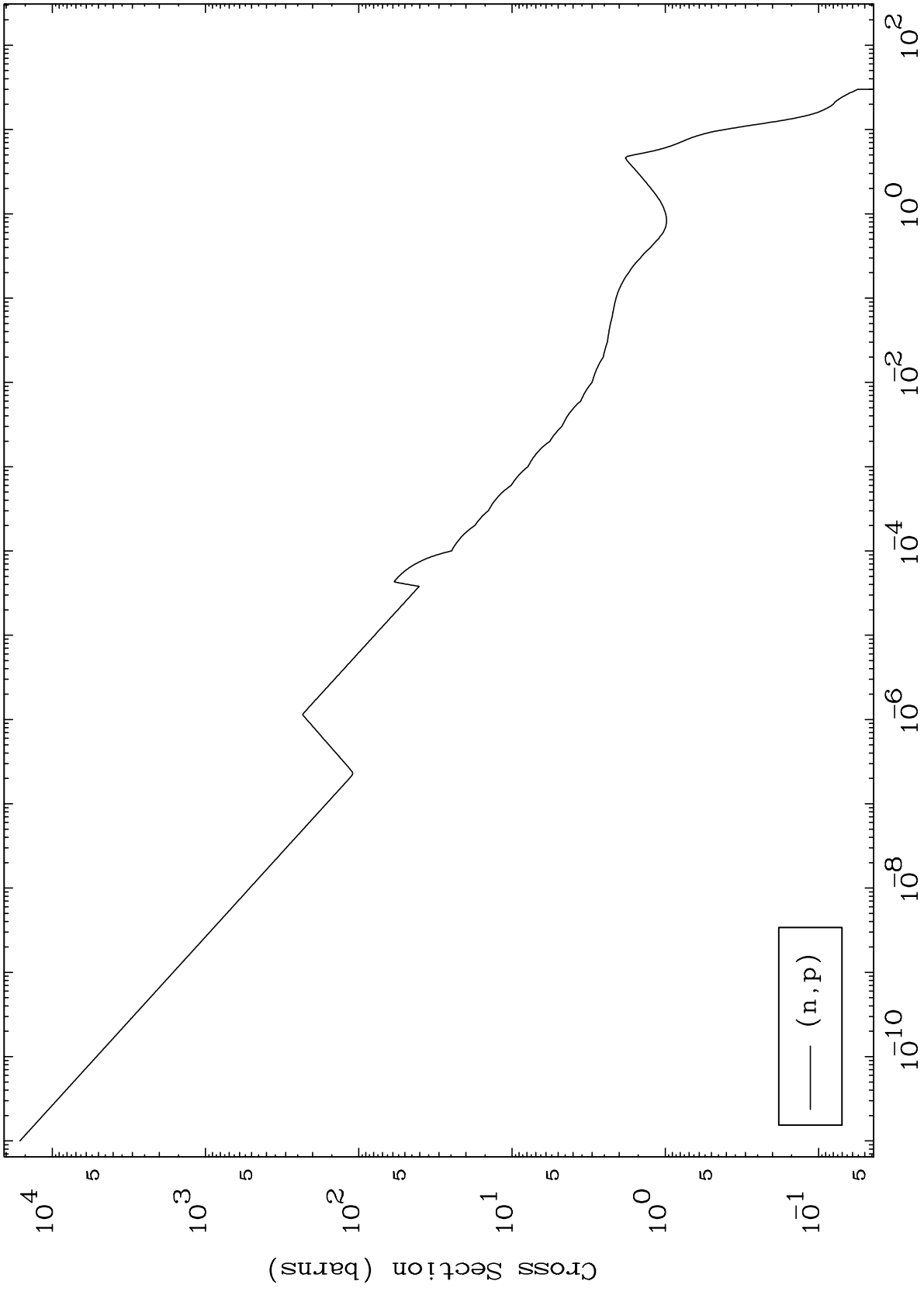
Incident Energy (MeV)

51-Sb-112

MAT 5098

(n,p) Levels  
293 Kelvin Cross Sections

51-Sb-112

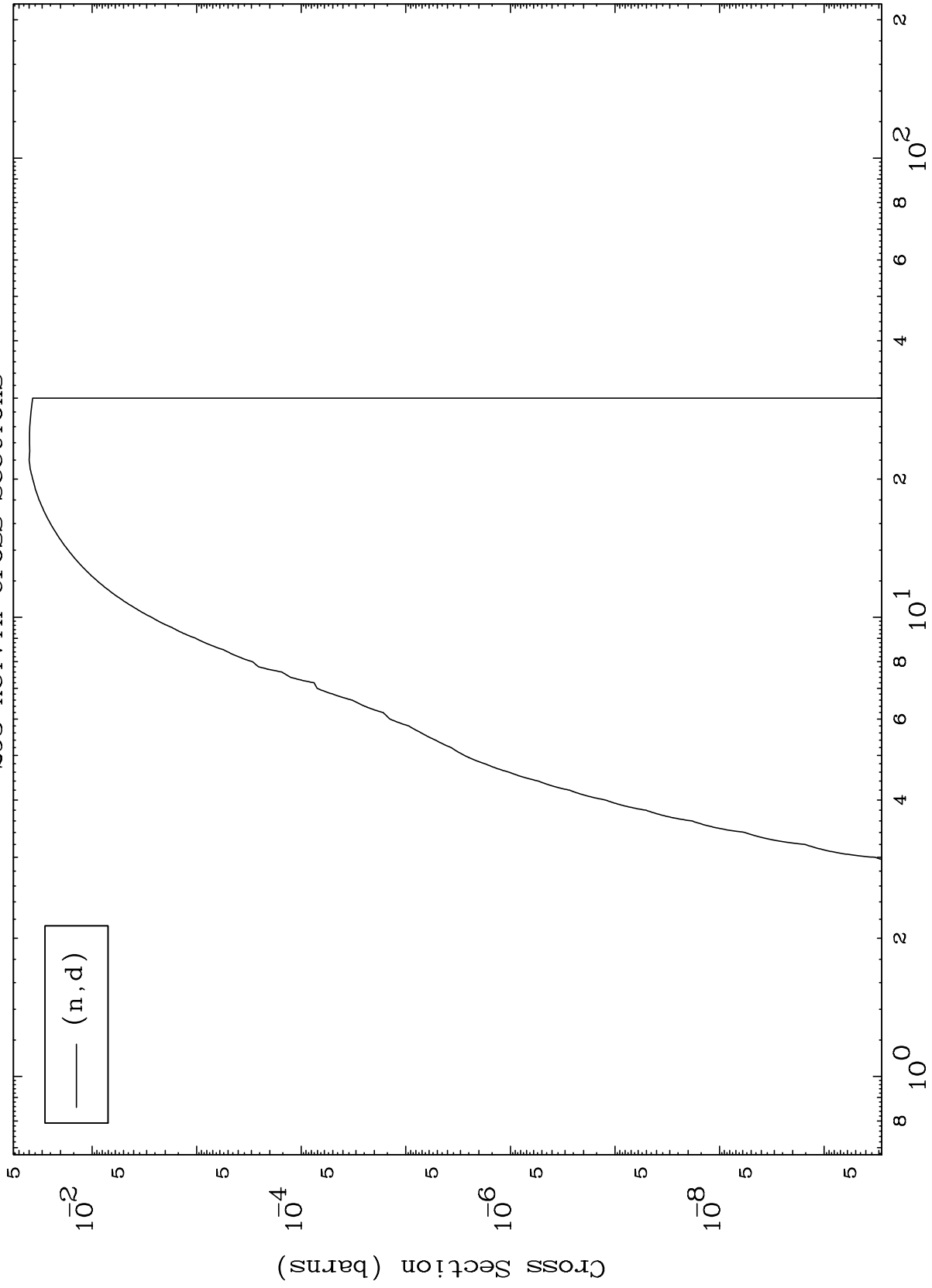


51-Sb-112

MAT 5098

(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-112



10

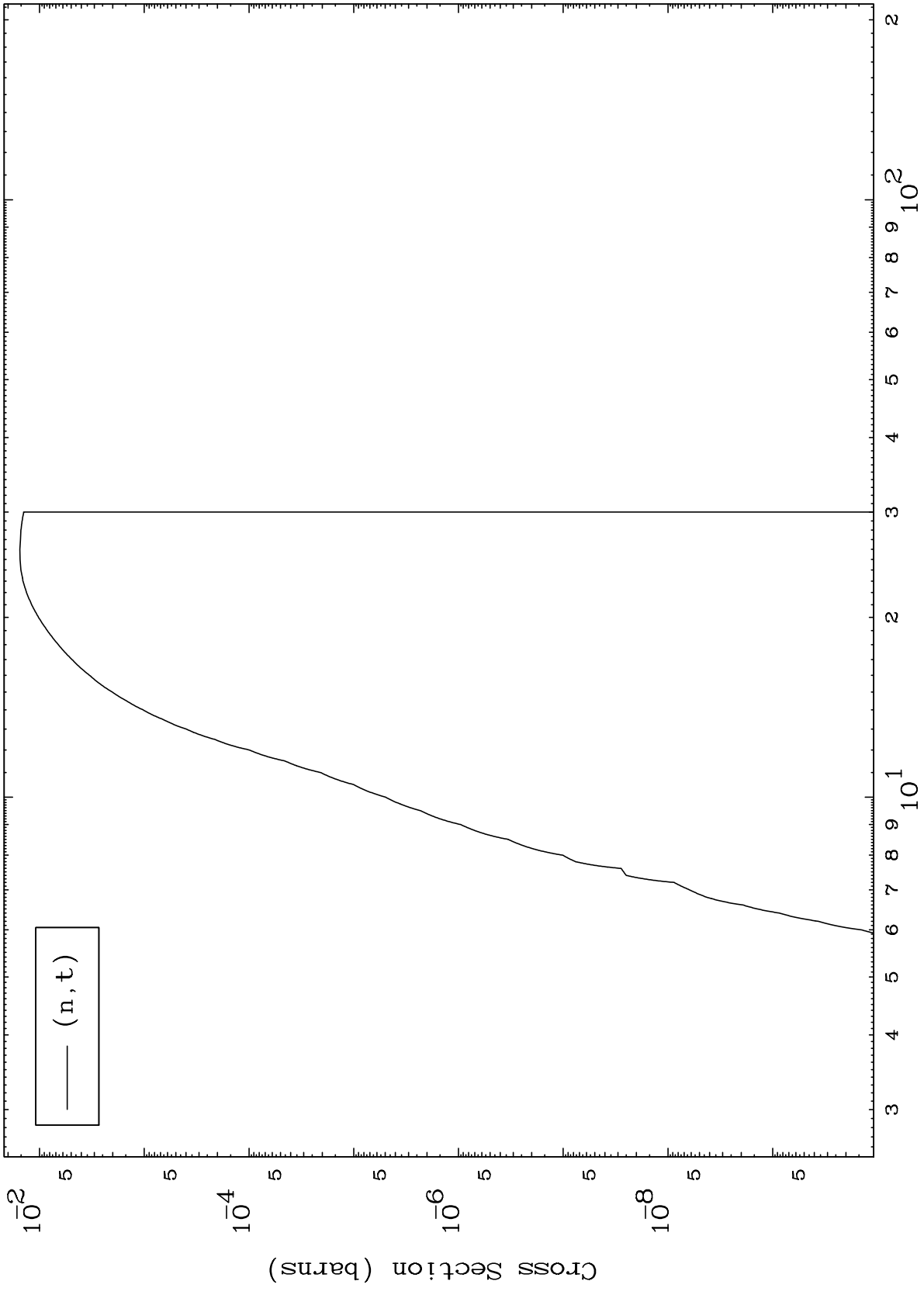
Incident Energy (MeV)

51-Sb-112

MAT 5098

(n,t) Levels  
293 Kelvin Cross Sections

51-Sb-112



11

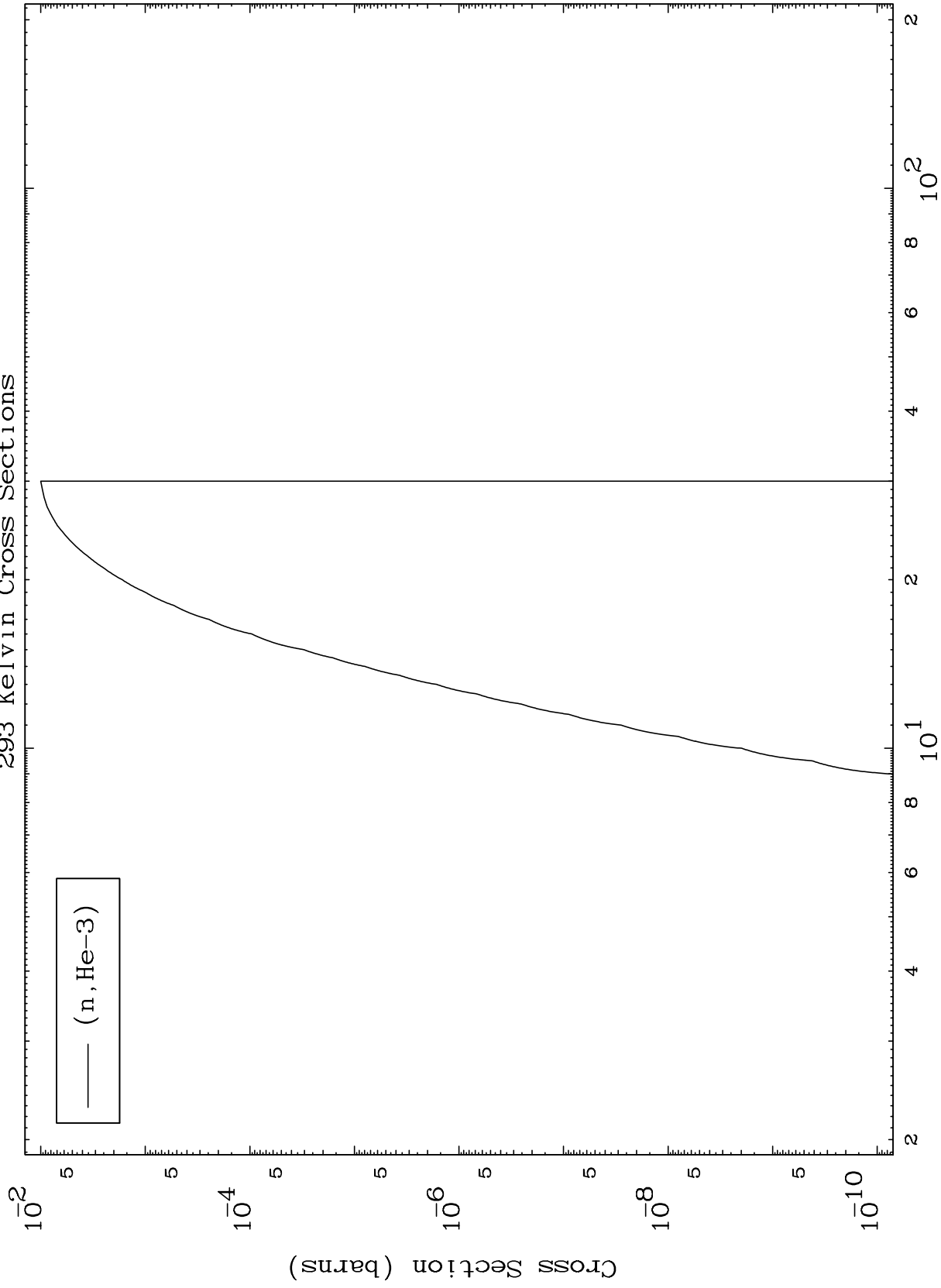
Incident Energy (MeV)

51-Sb-112

MAT 5098

(n,He3) Levels  
293 Kelvin Cross Sections

51-Sb-112



12

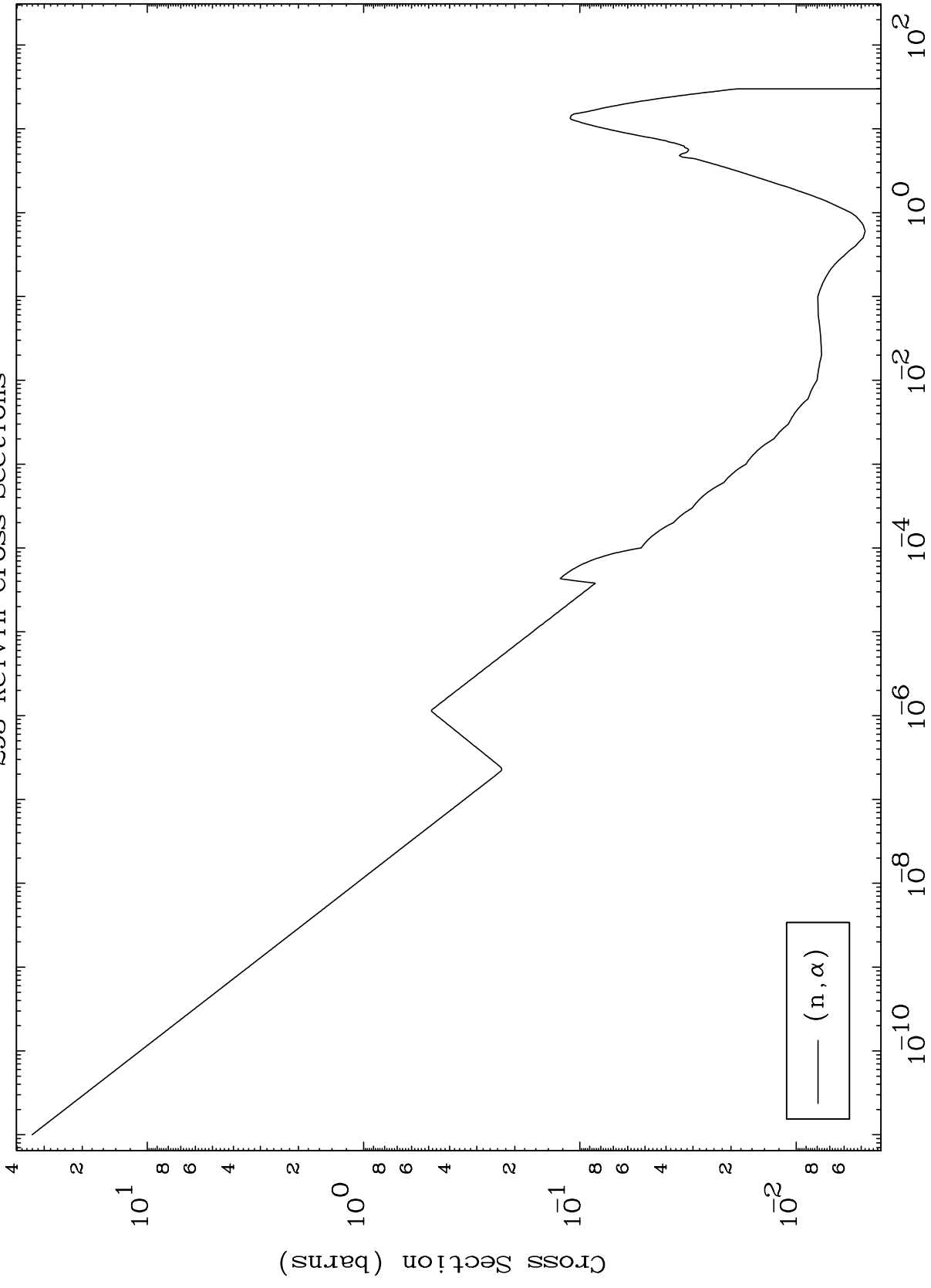
Incident Energy (MeV)

51-Sb-112

MAT 5098

(n,α) Levels  
293 Kelvin Cross Sections

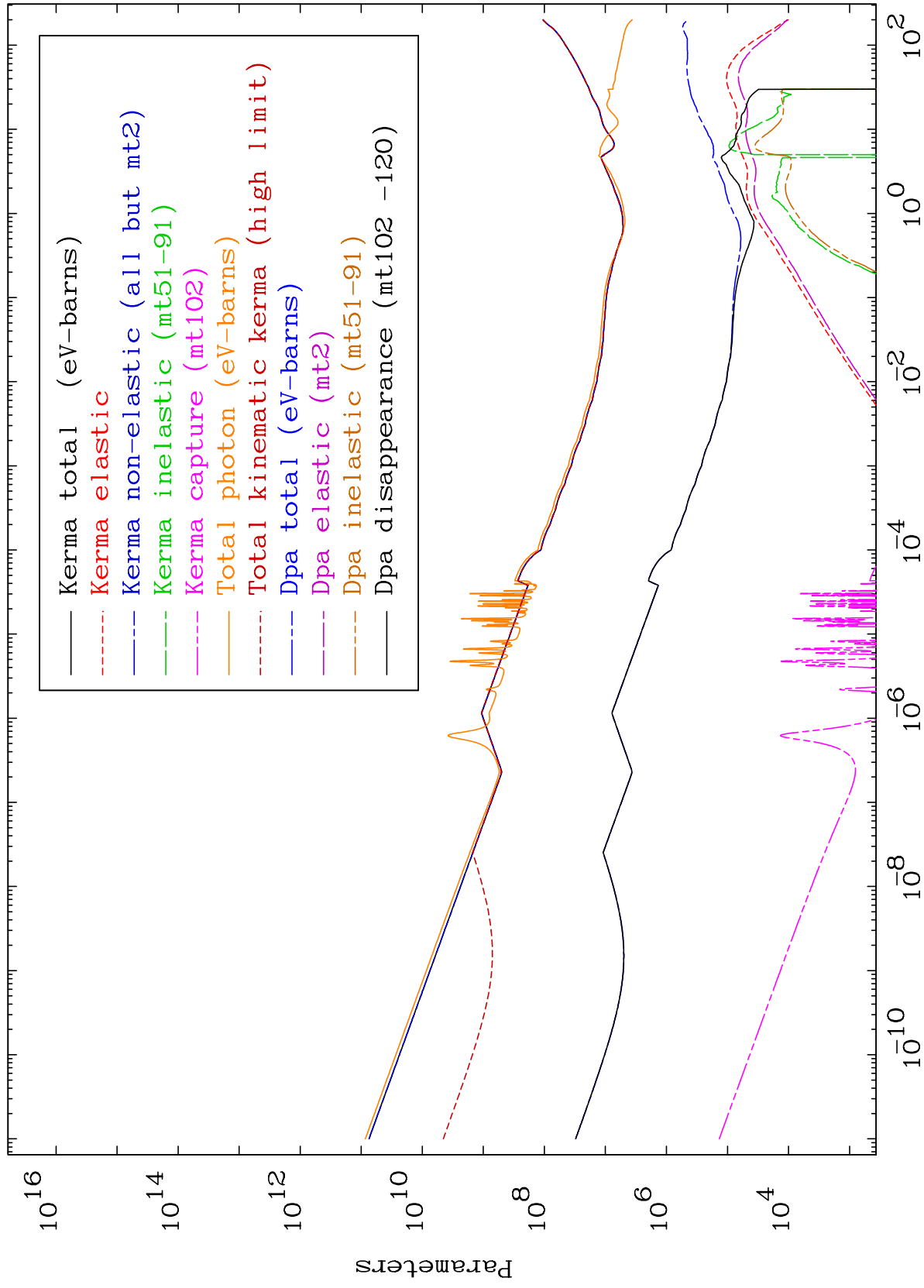
51-Sb-112



13

Incident Energy (MeV)

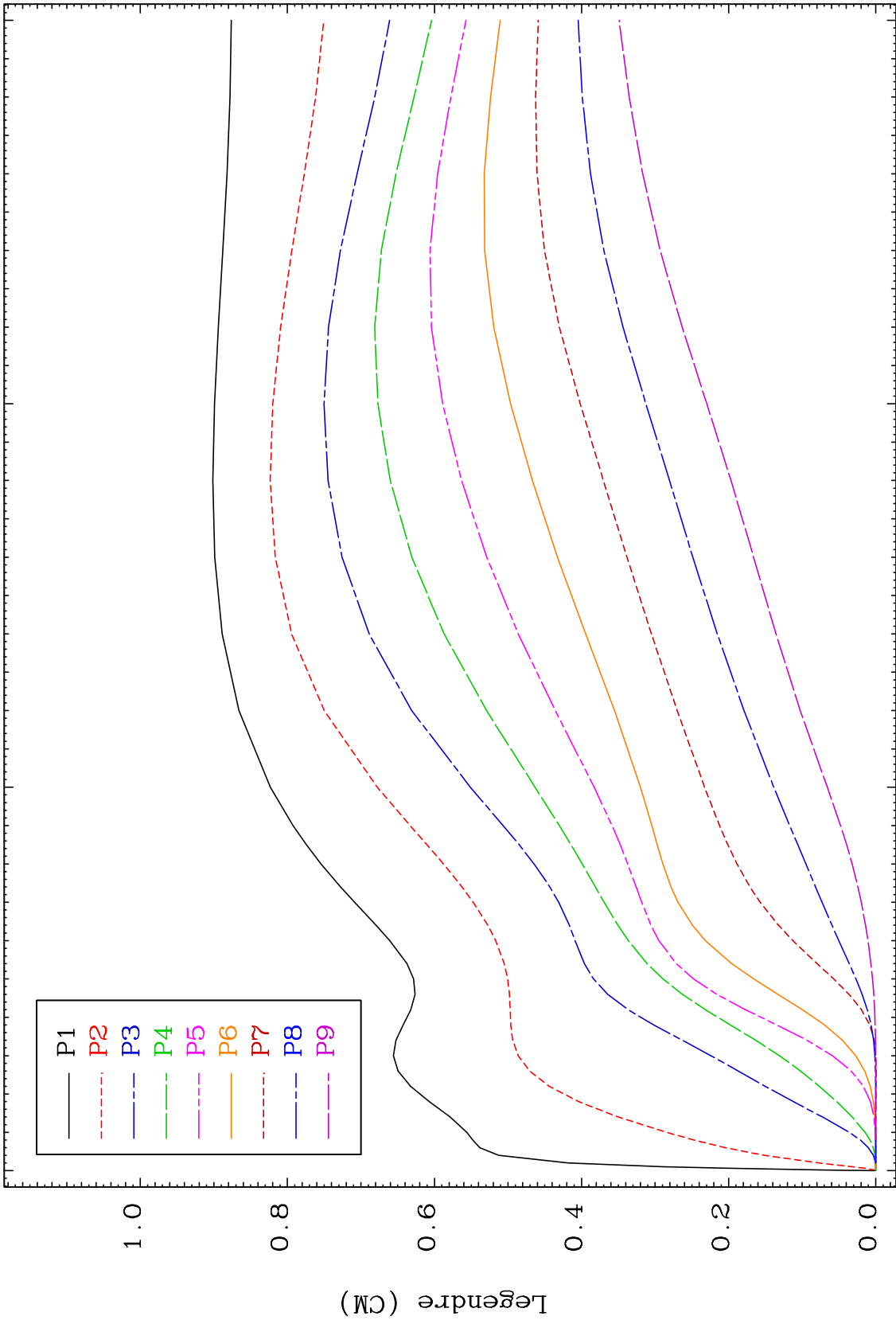
51-Sb-112



MAT 5098

Elastic Legendre Coefficients

51-Sb-112

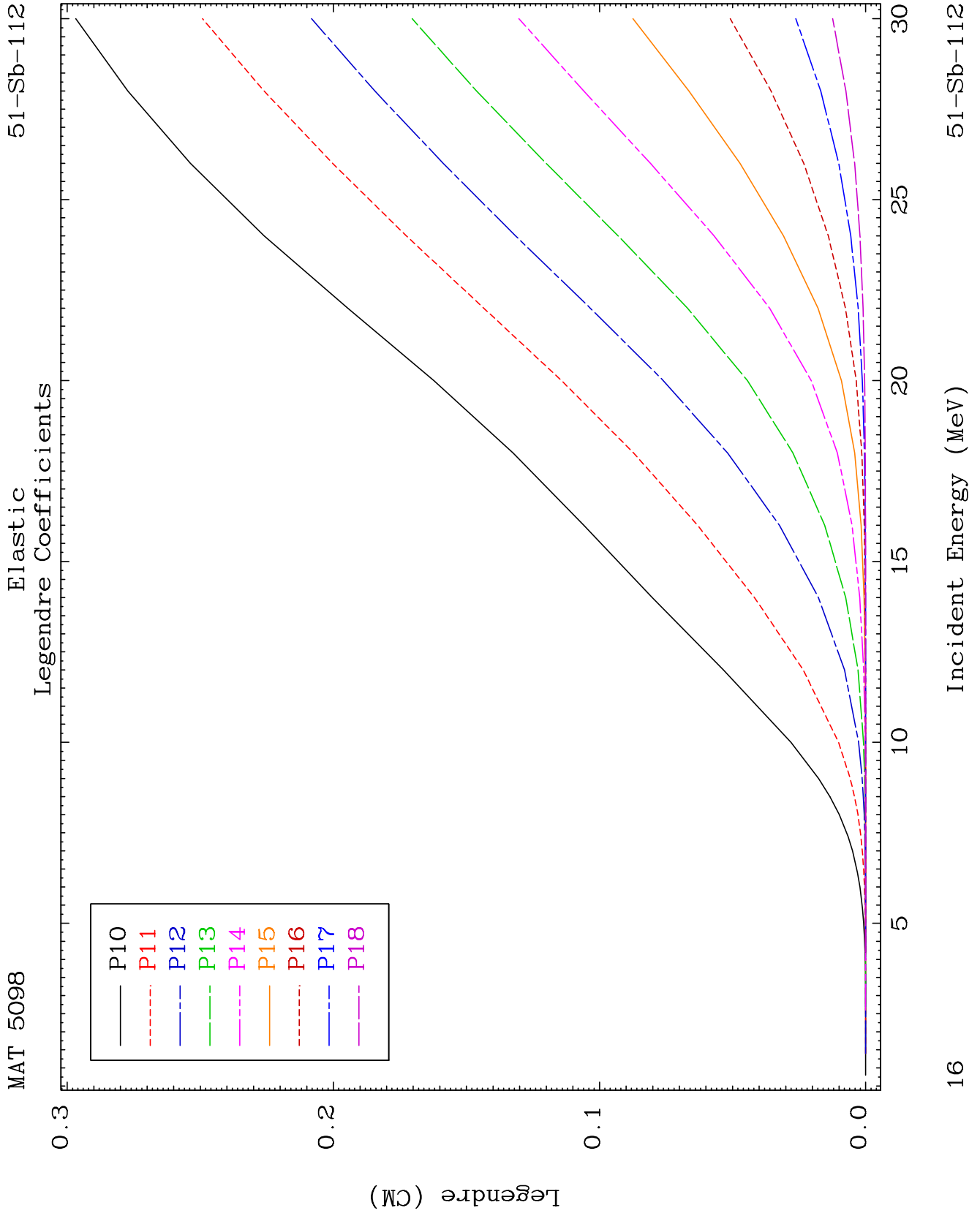


15

Incident Energy (MeV)

51-Sb-112

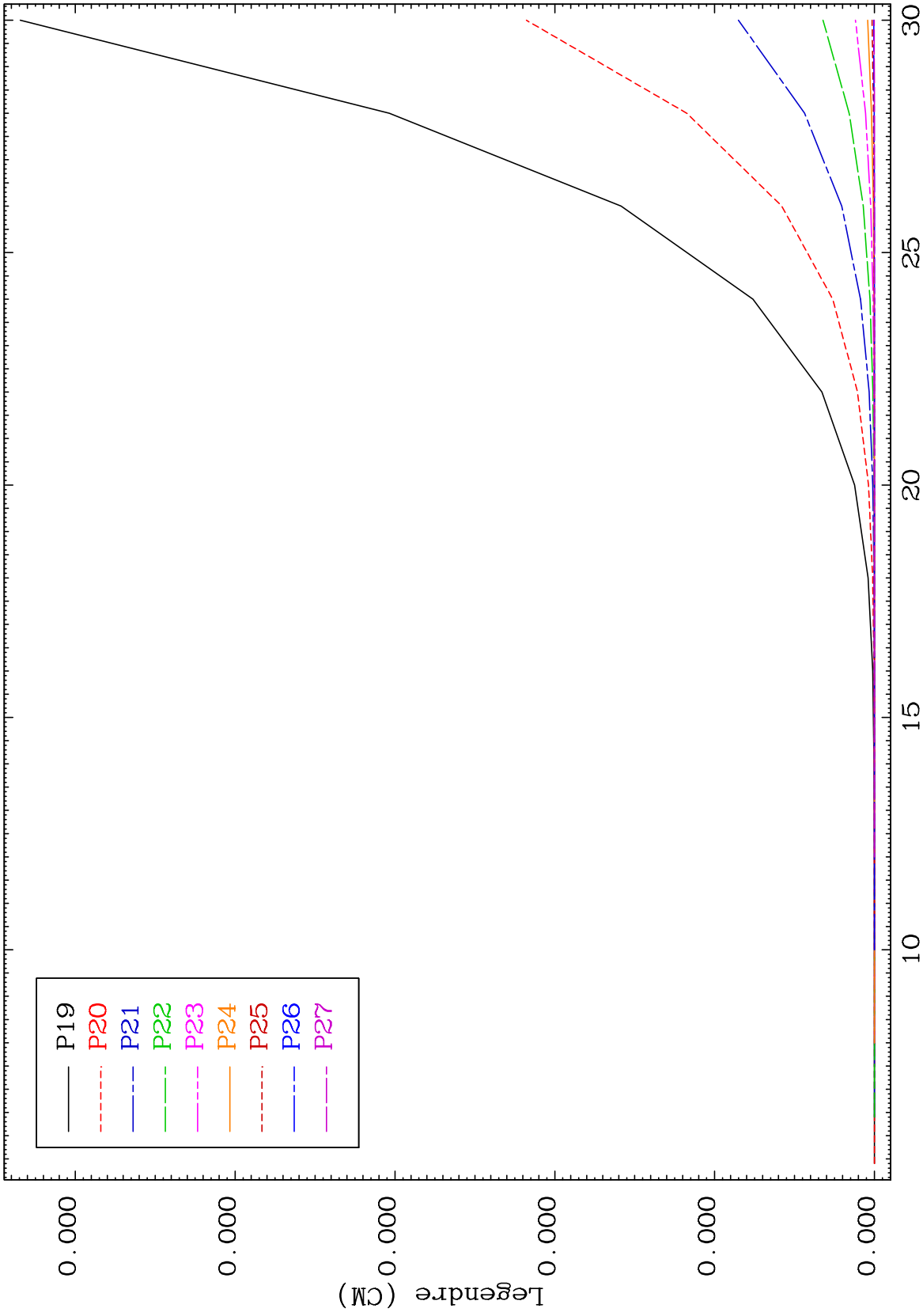




MAT 5098

### Elastic Legendre Coefficients

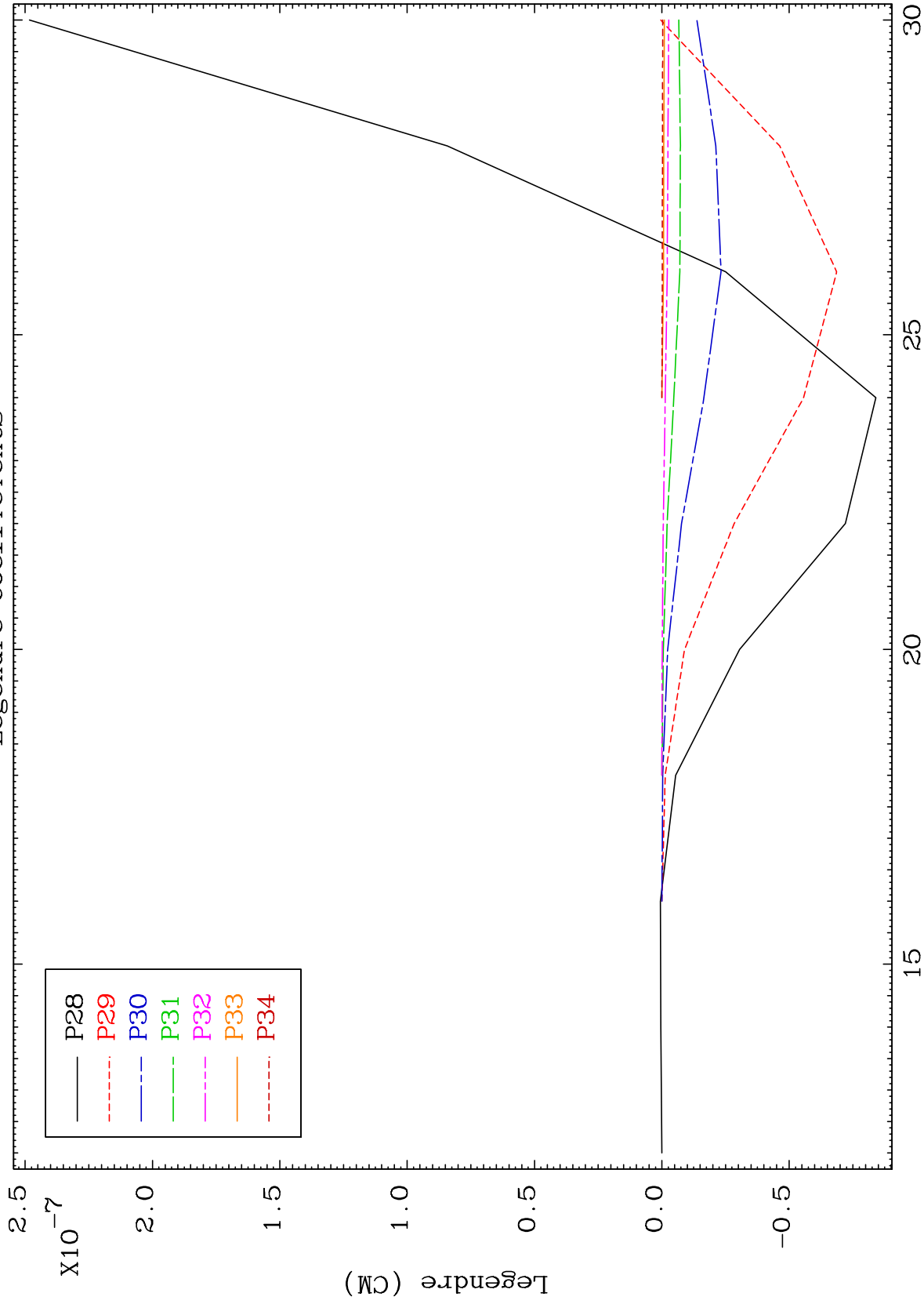
51-Sb-112



MAT 5098

Elastic Legendre Coefficients

51-Sb-112

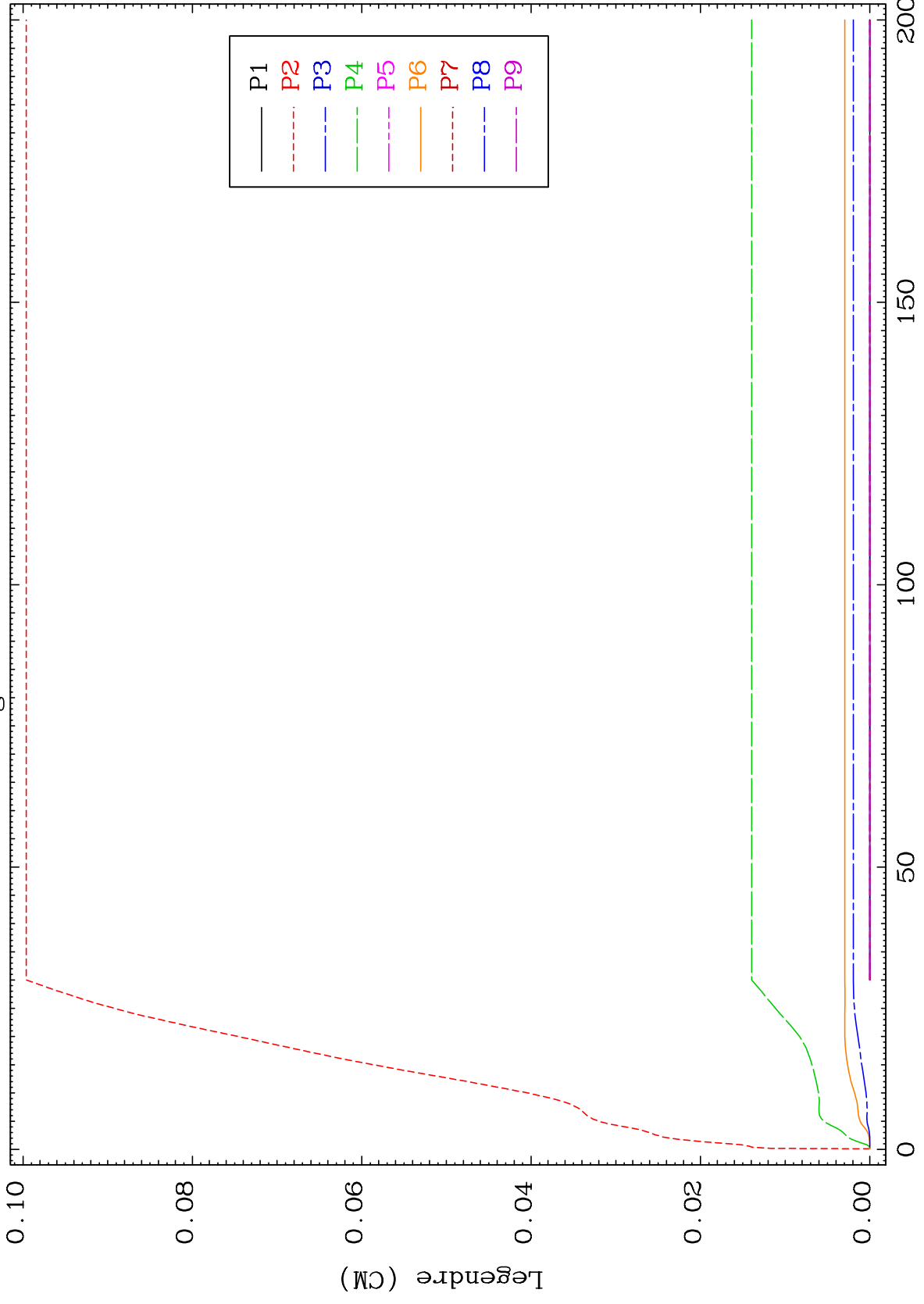


18

Incident Energy (MeV)

51-Sb-112

MAT 5098 MT= 51 (n,n') Level Legendre Coefficients 51-Sb-112

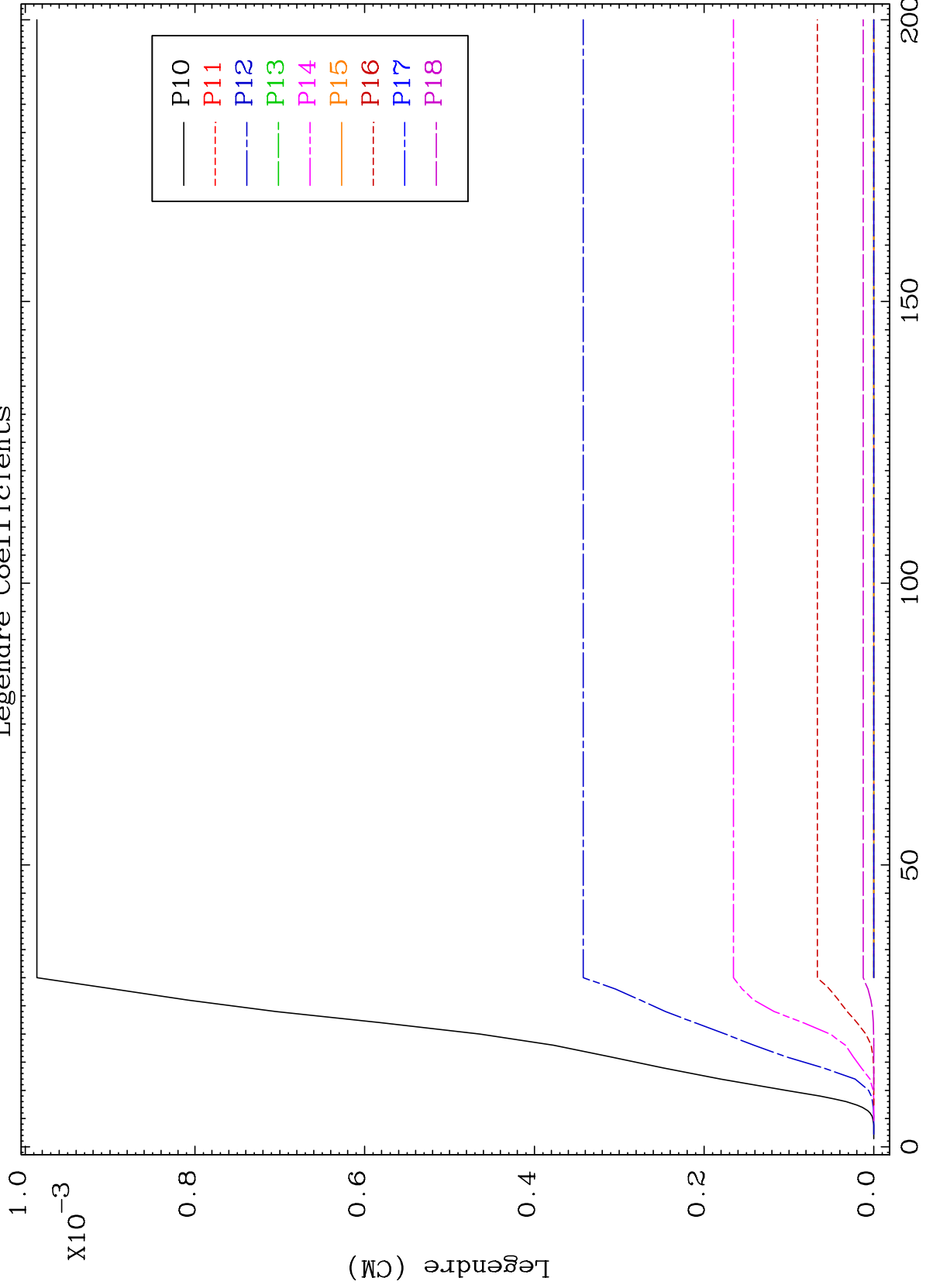


19 51-Sb-112

MAT 5098

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

51-Sb-112



20

50

100

150

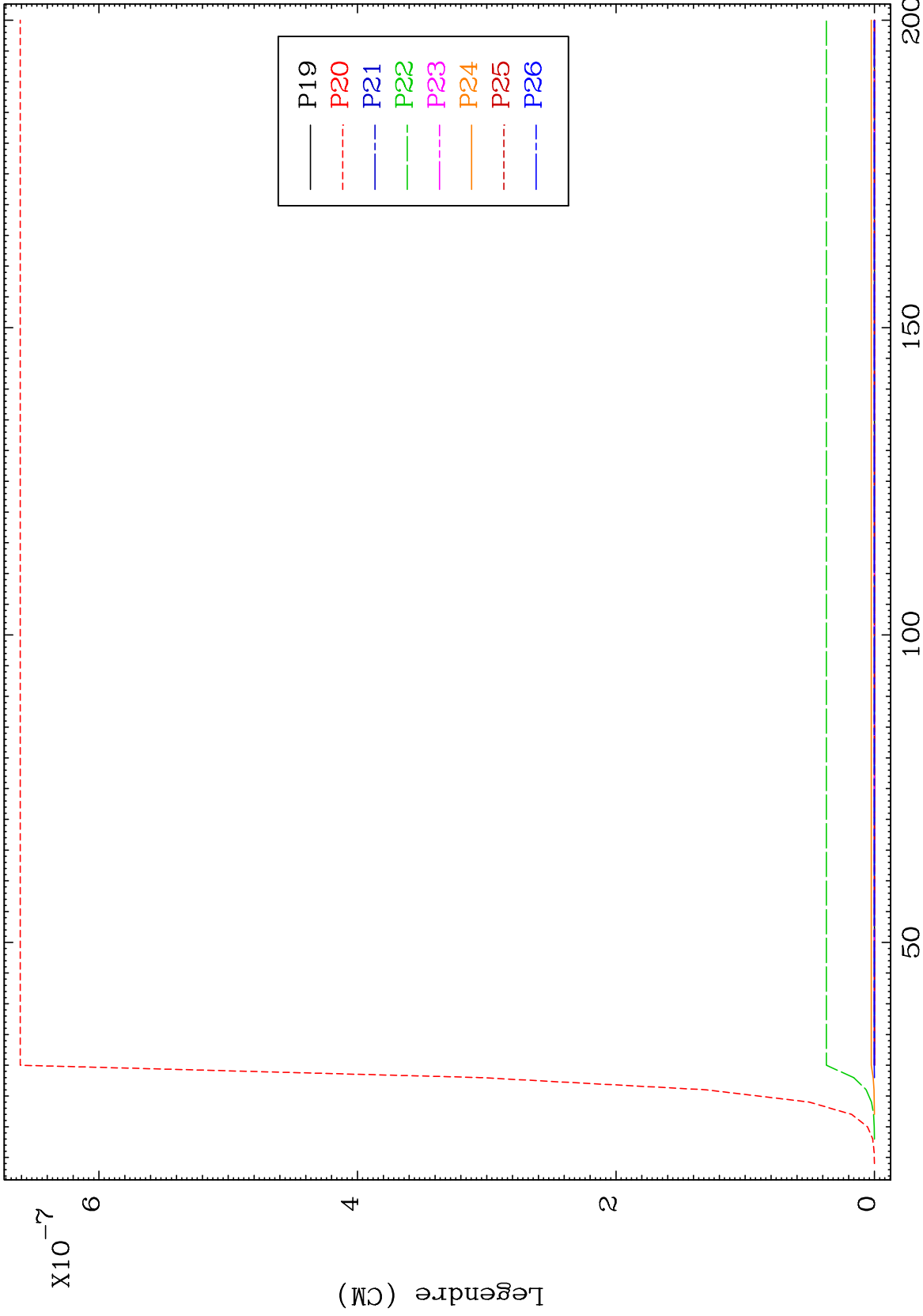
200

51-Sb-112

MAT 5098

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

51-Sb-112



21

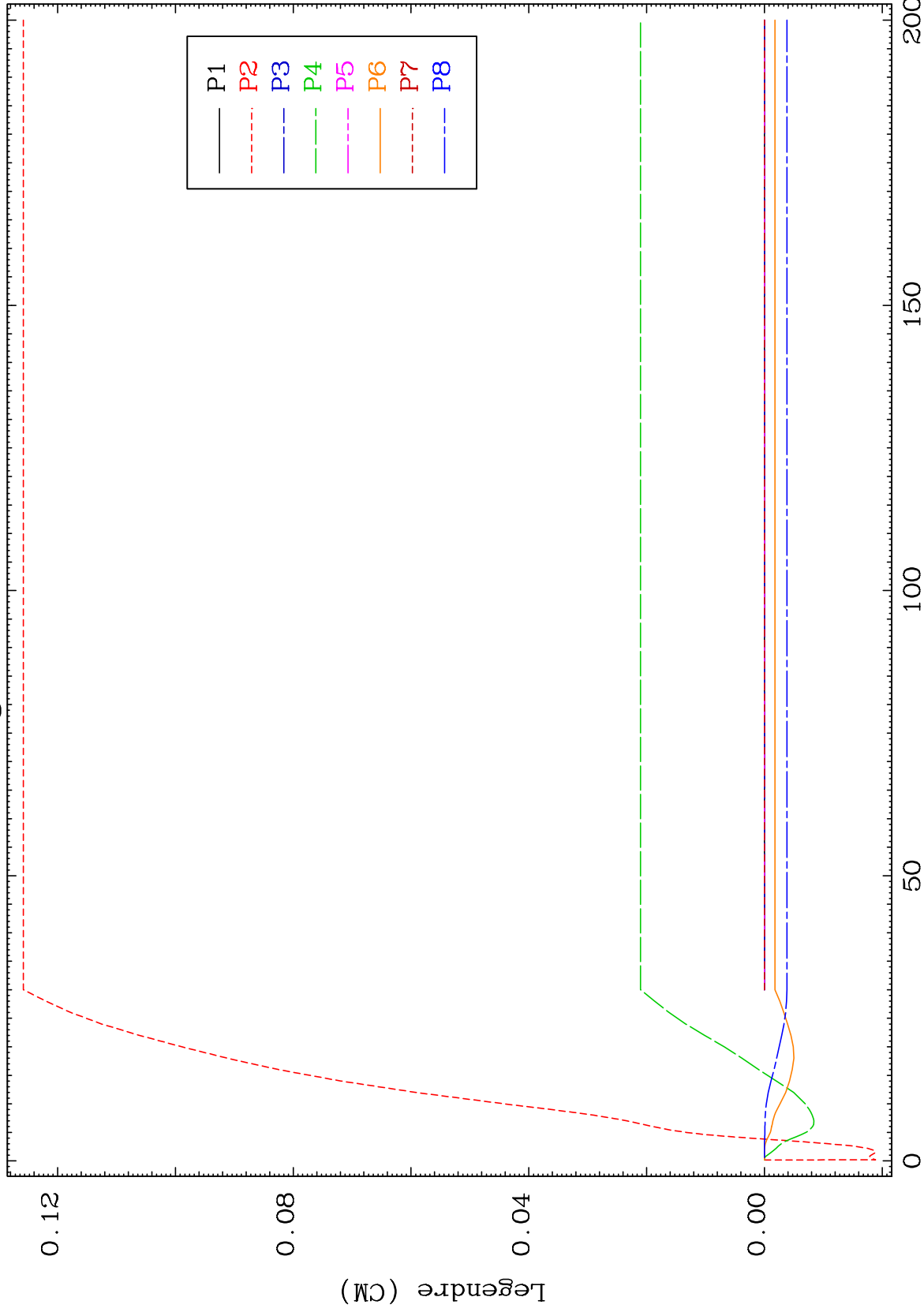
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



22

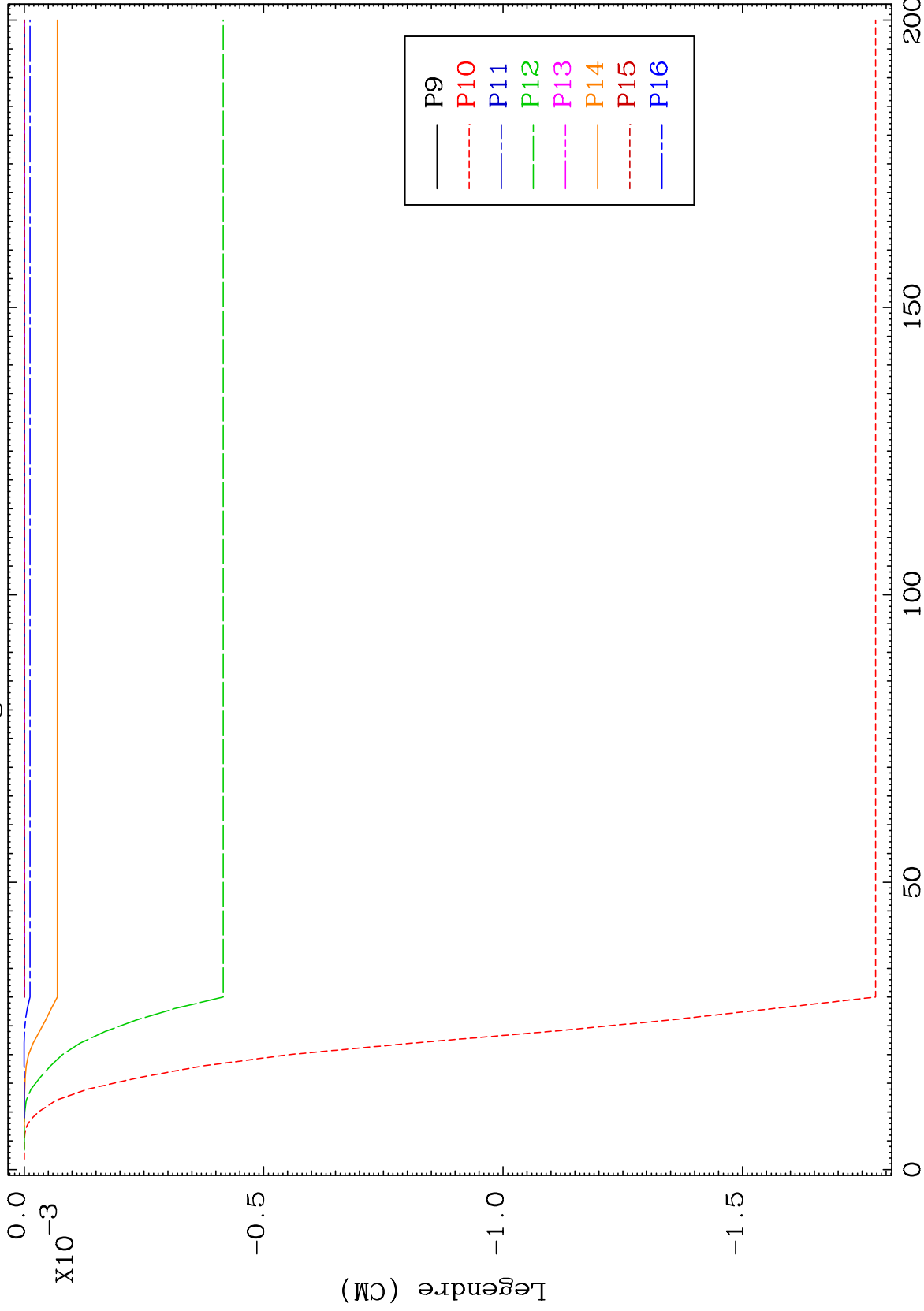
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



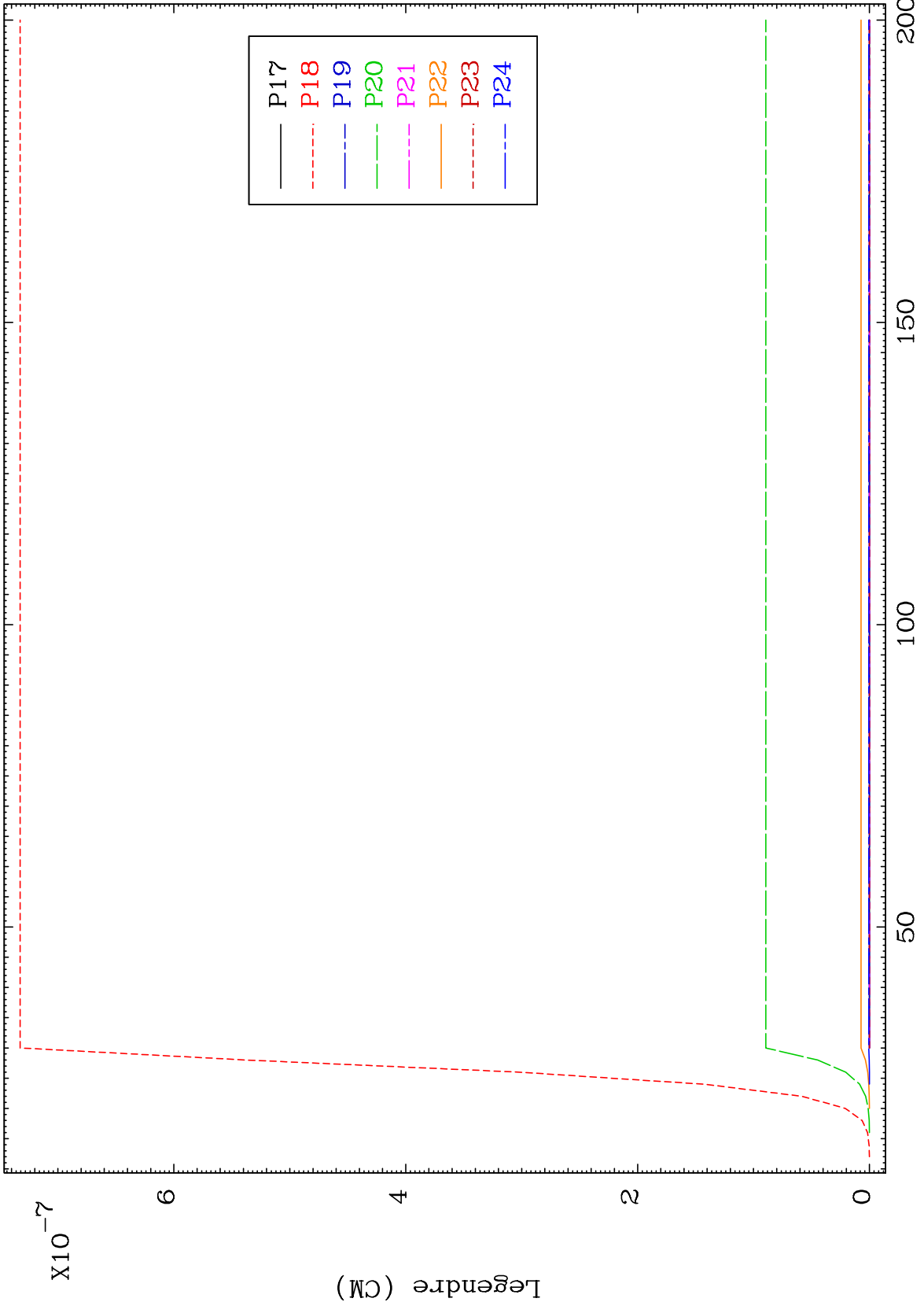
23

Incident Energy (MeV)

51-Sb-112



MAT 5098 MT= 52 (n,n') Level Legendre Coefficients 51-Sb-112

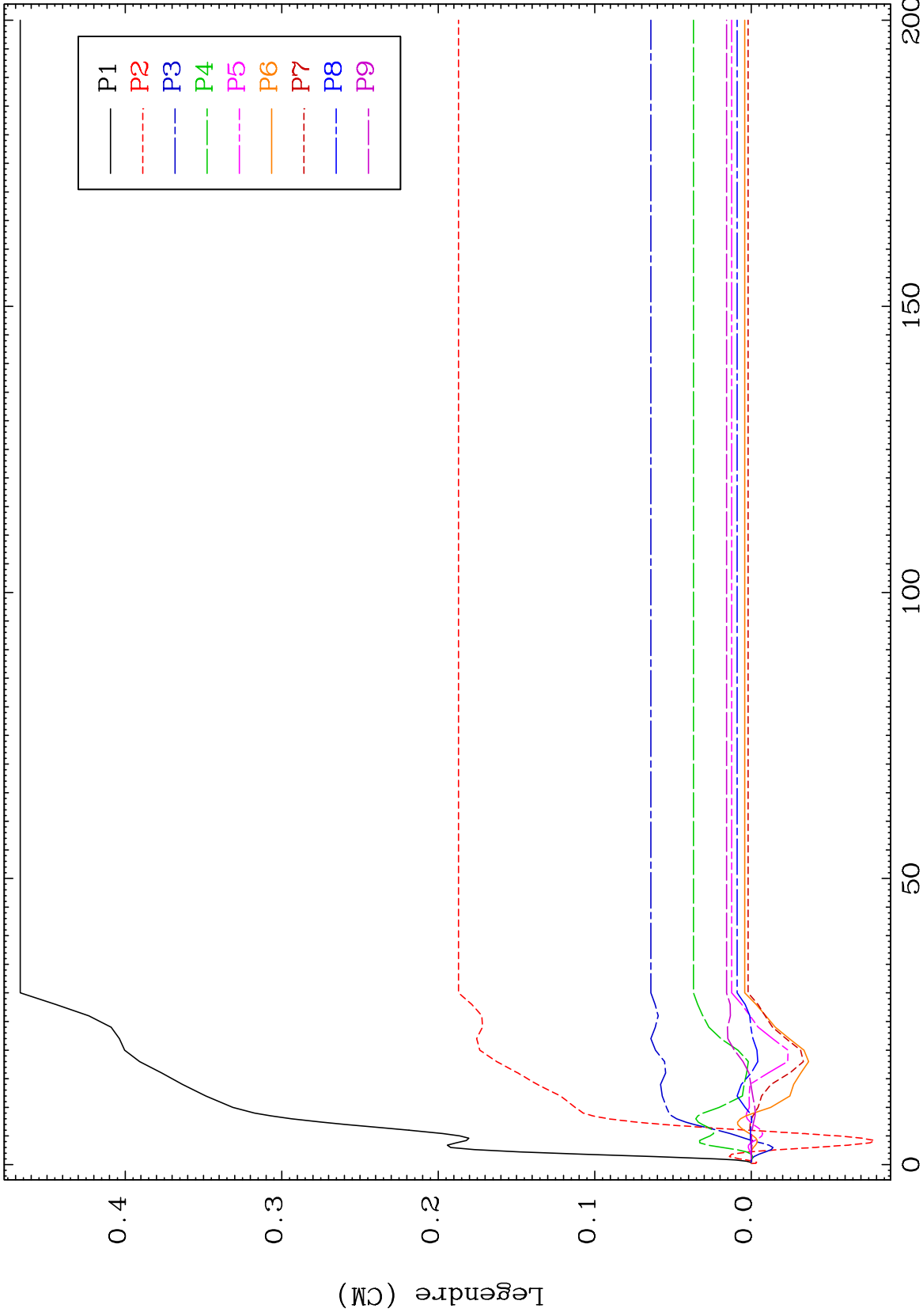


24 Incident Energy (MeV) 51-Sb-112

MAT 5098

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

51-Sb-112



25

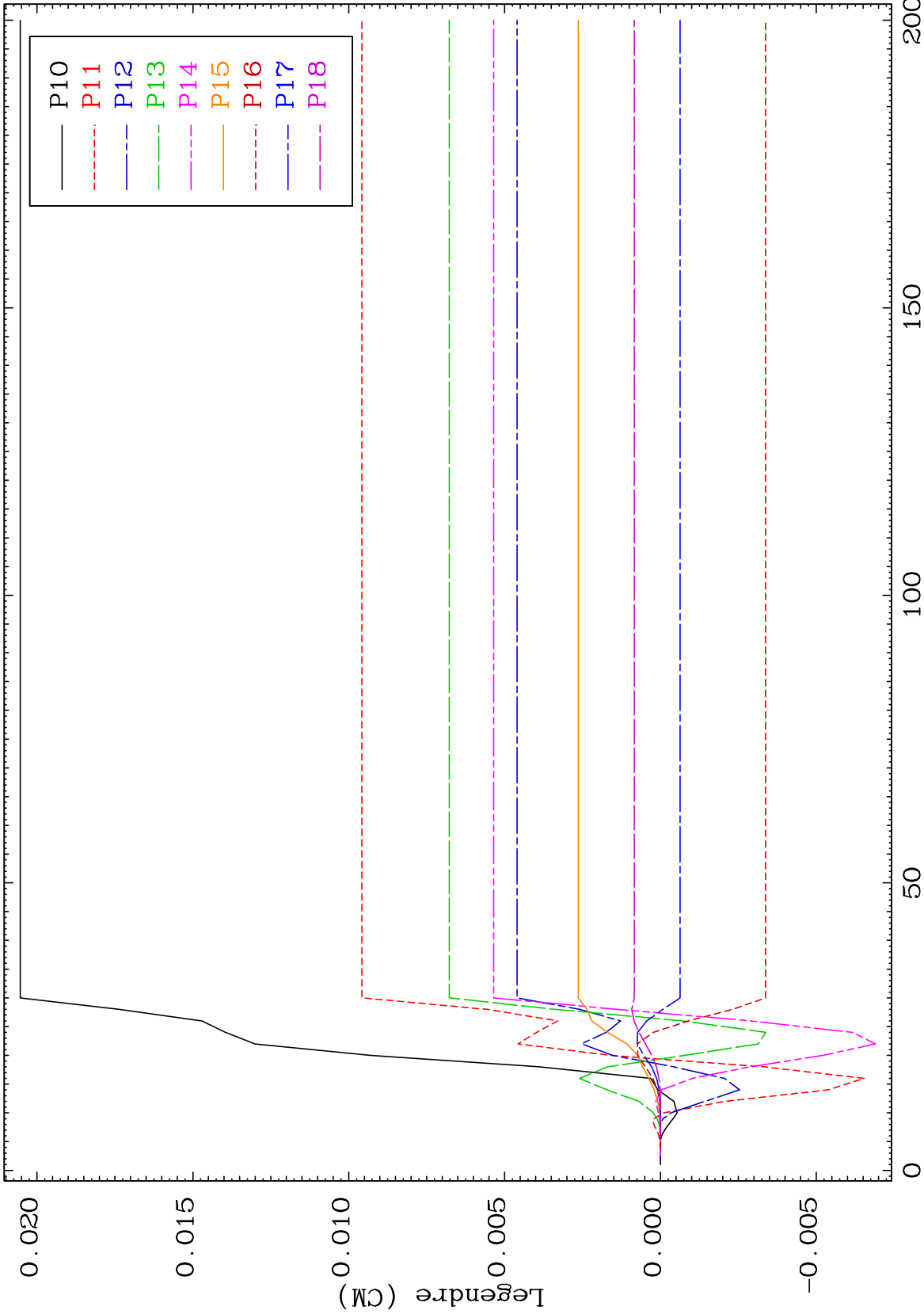
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



26

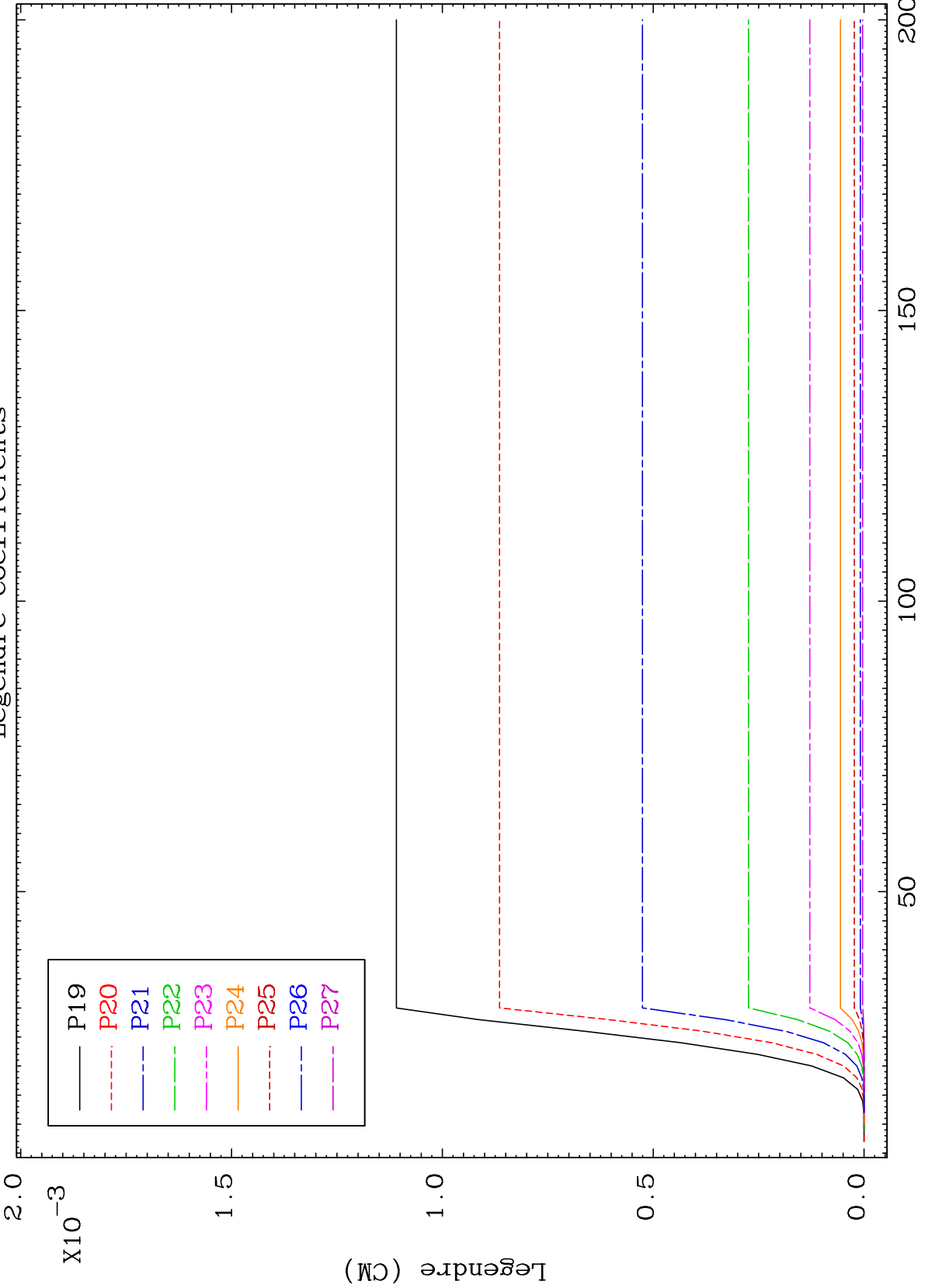
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



27

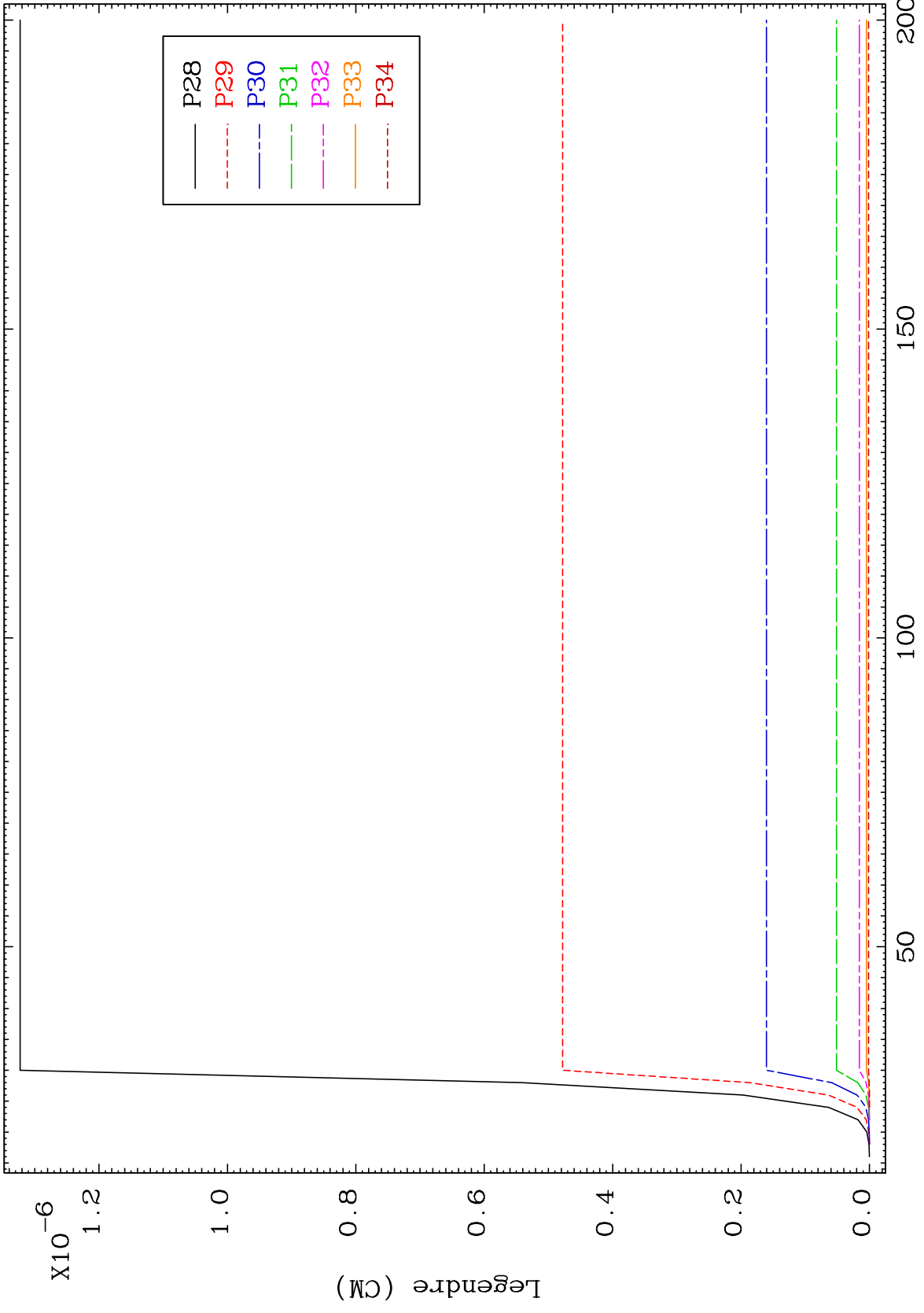
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



28

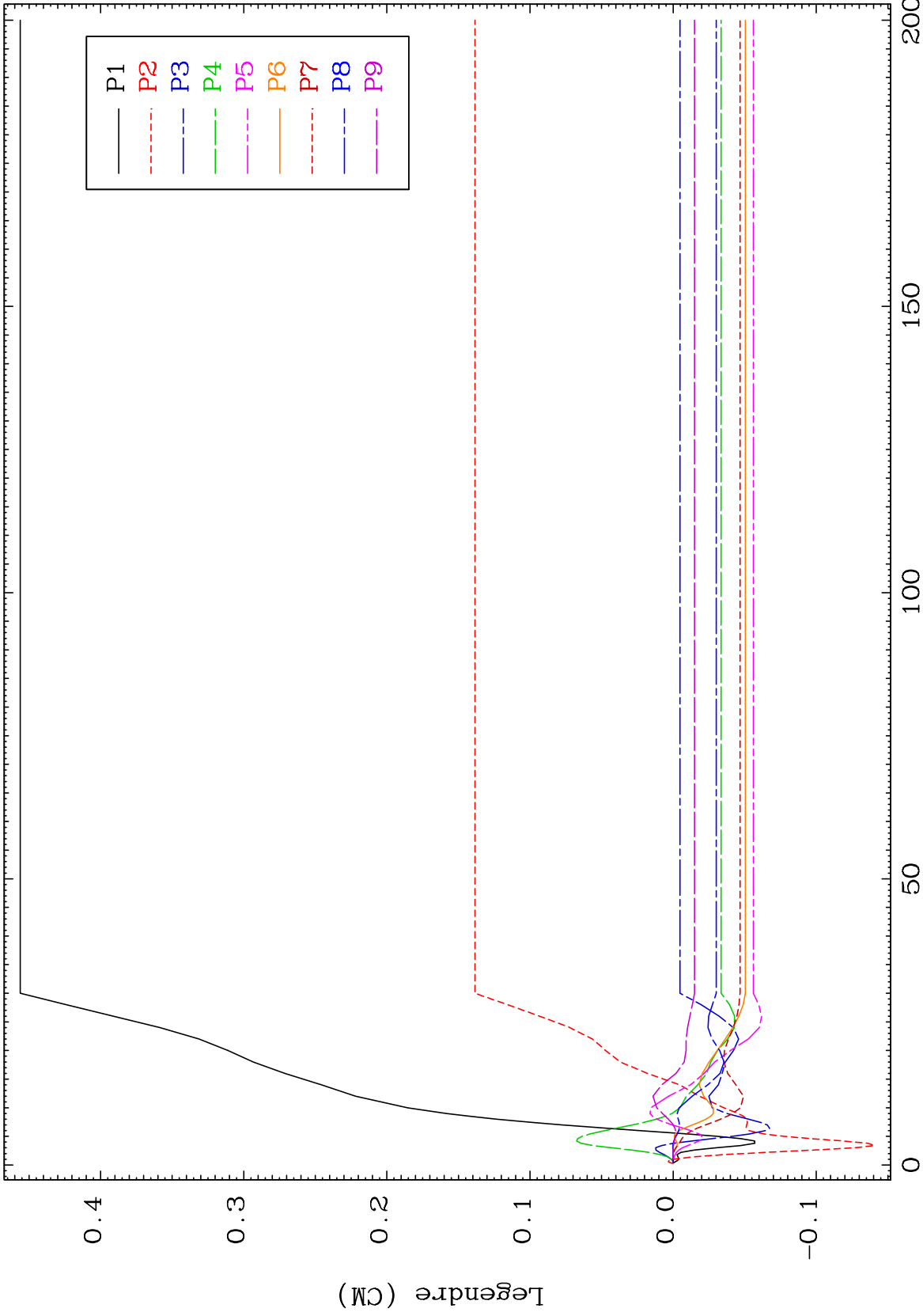
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



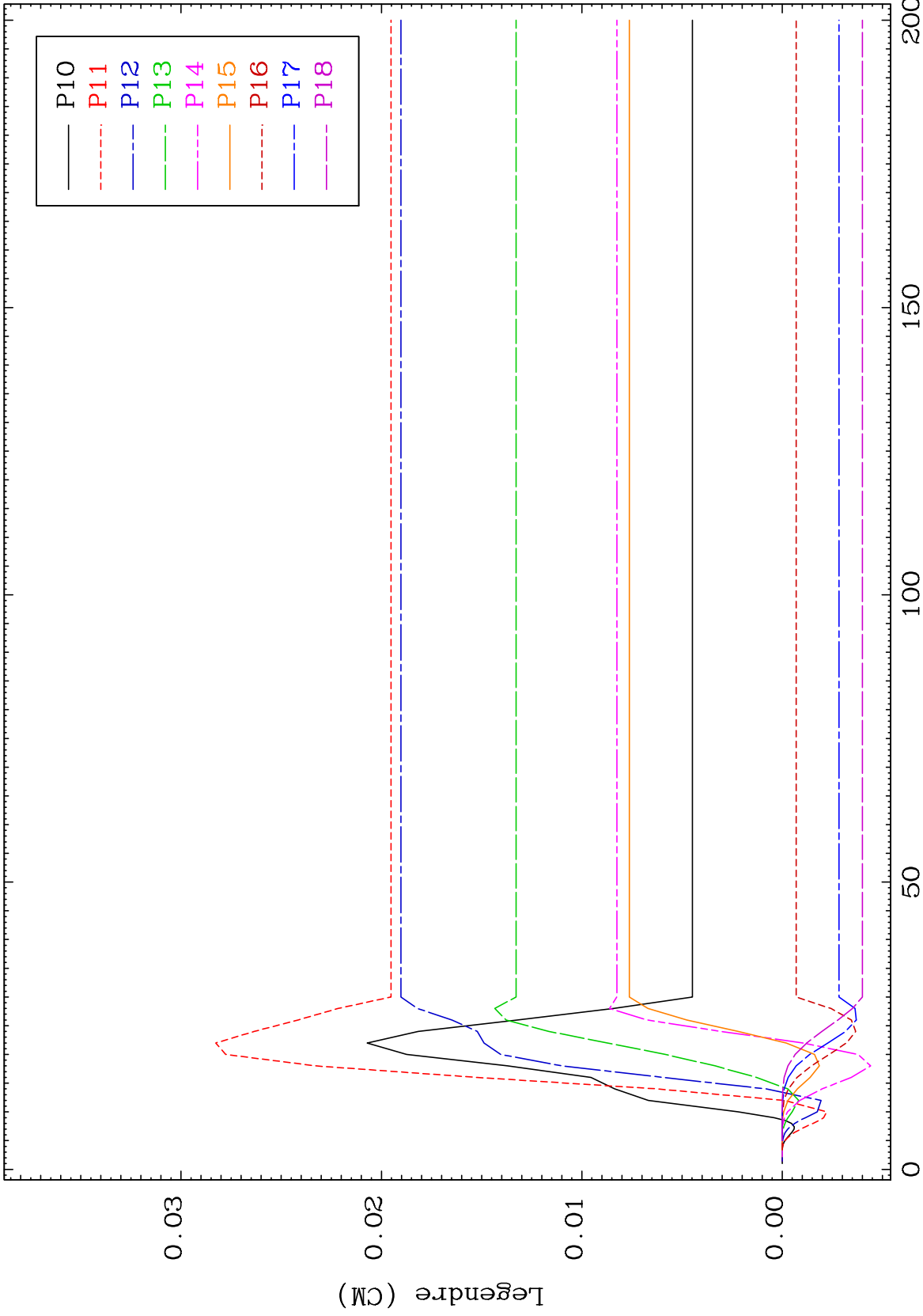
29

51-Sb-112

MAT 5098

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

51-Sb-112



0

30

50

100

150

200

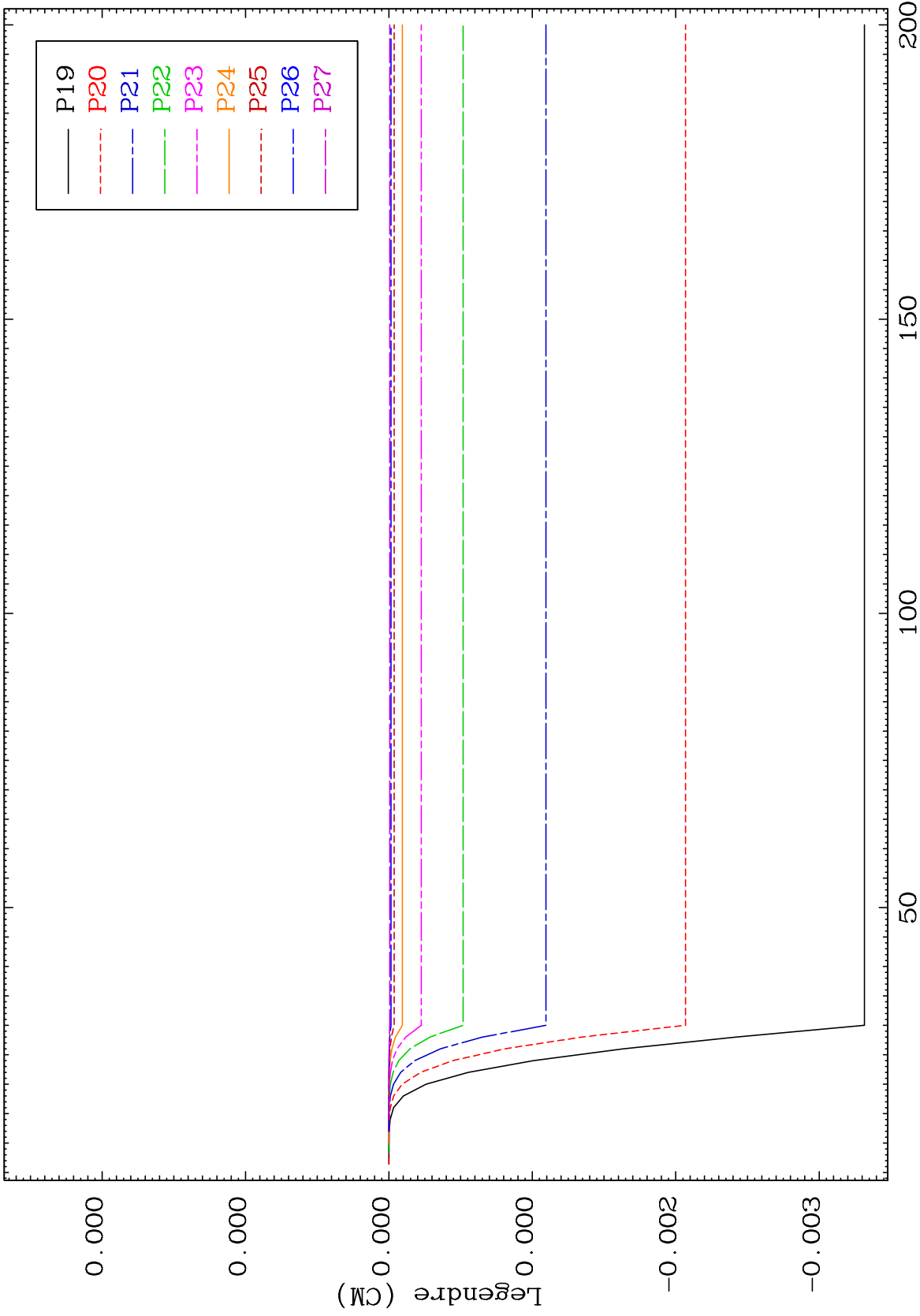
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



31

Incident Energy (MeV)

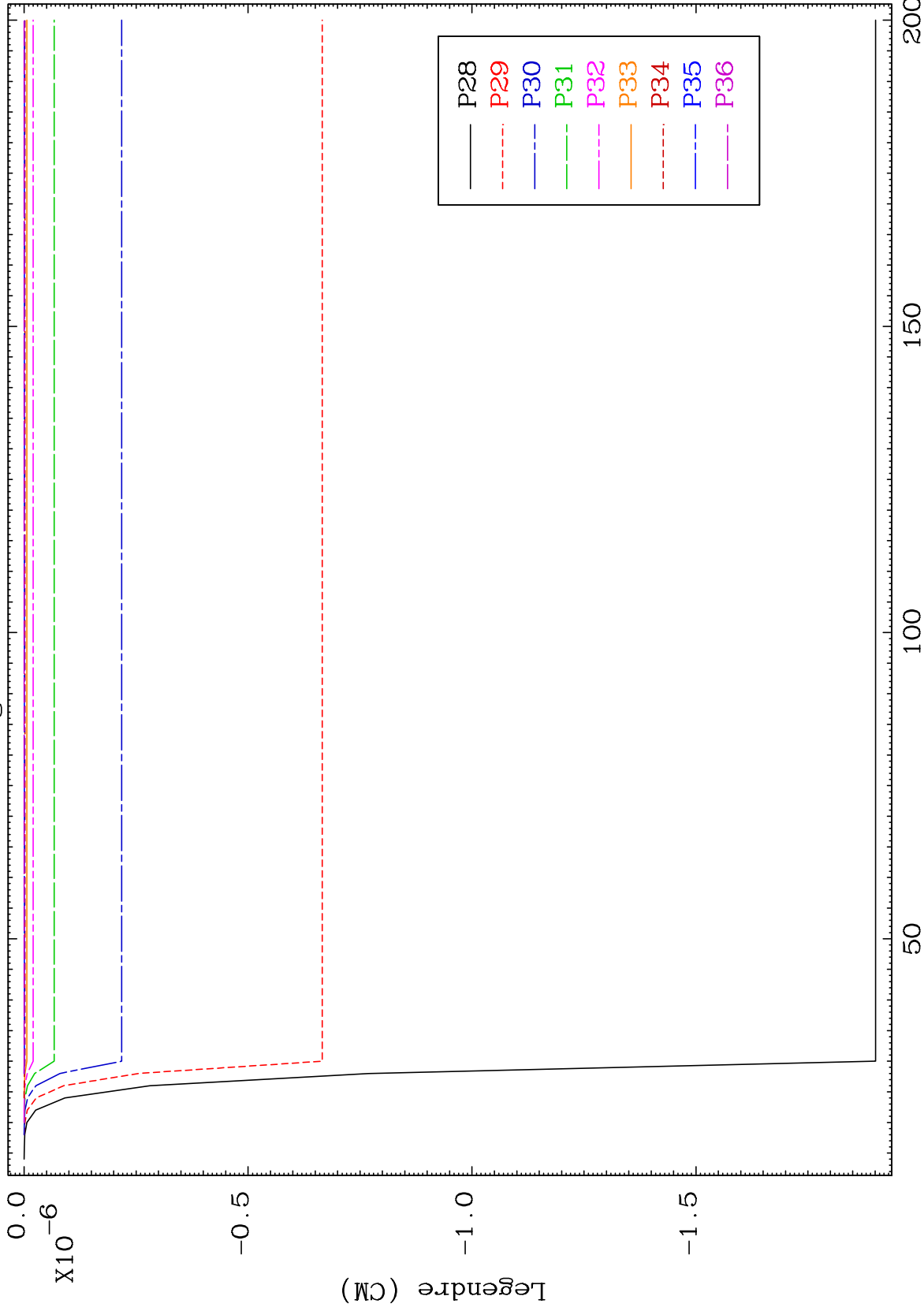
51-Sb-112



MAT 5098

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

51-Sb-112



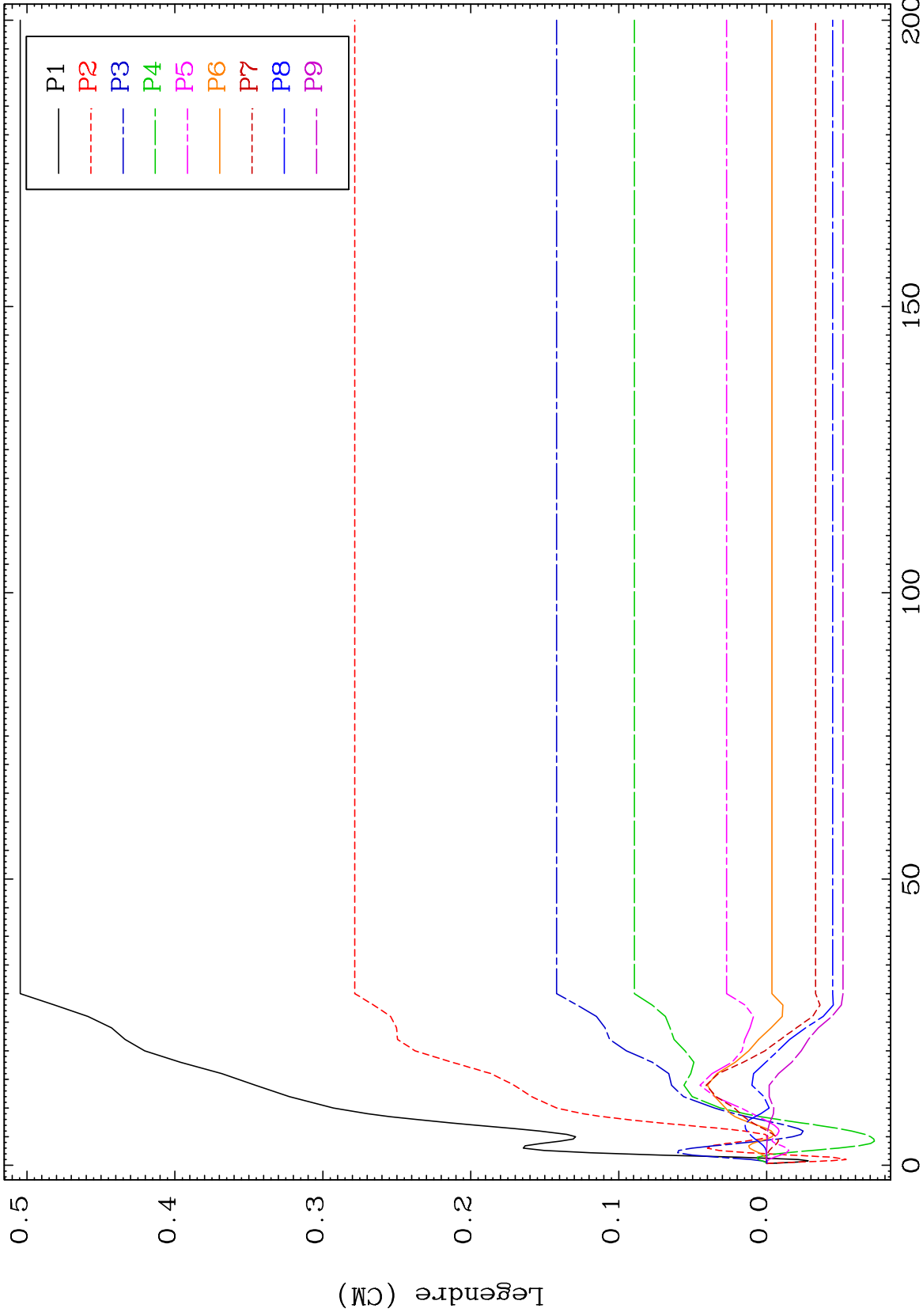
32

51-Sb-112

MAT 5098

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

51-Sb-112



33

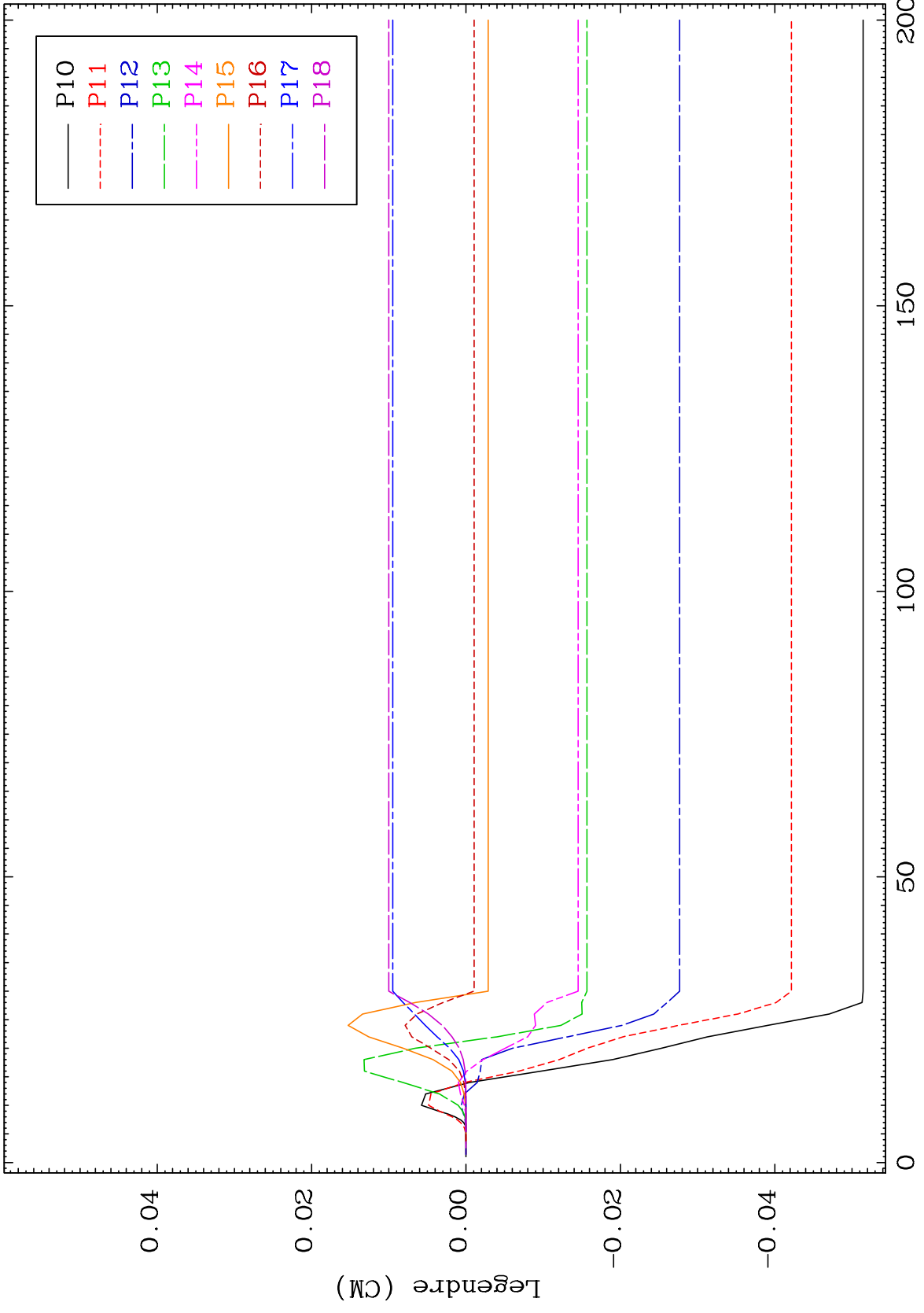
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



34

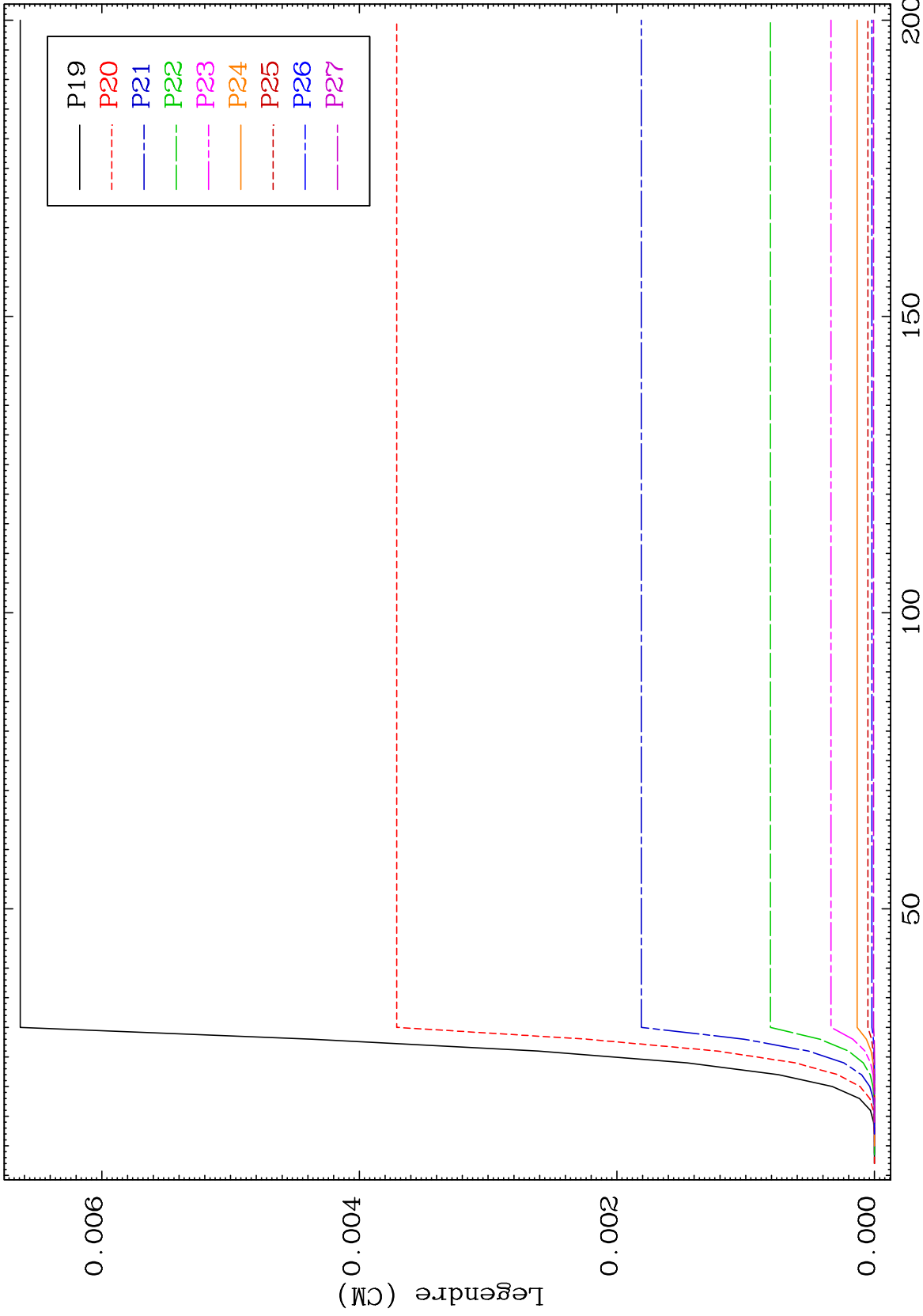
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



35

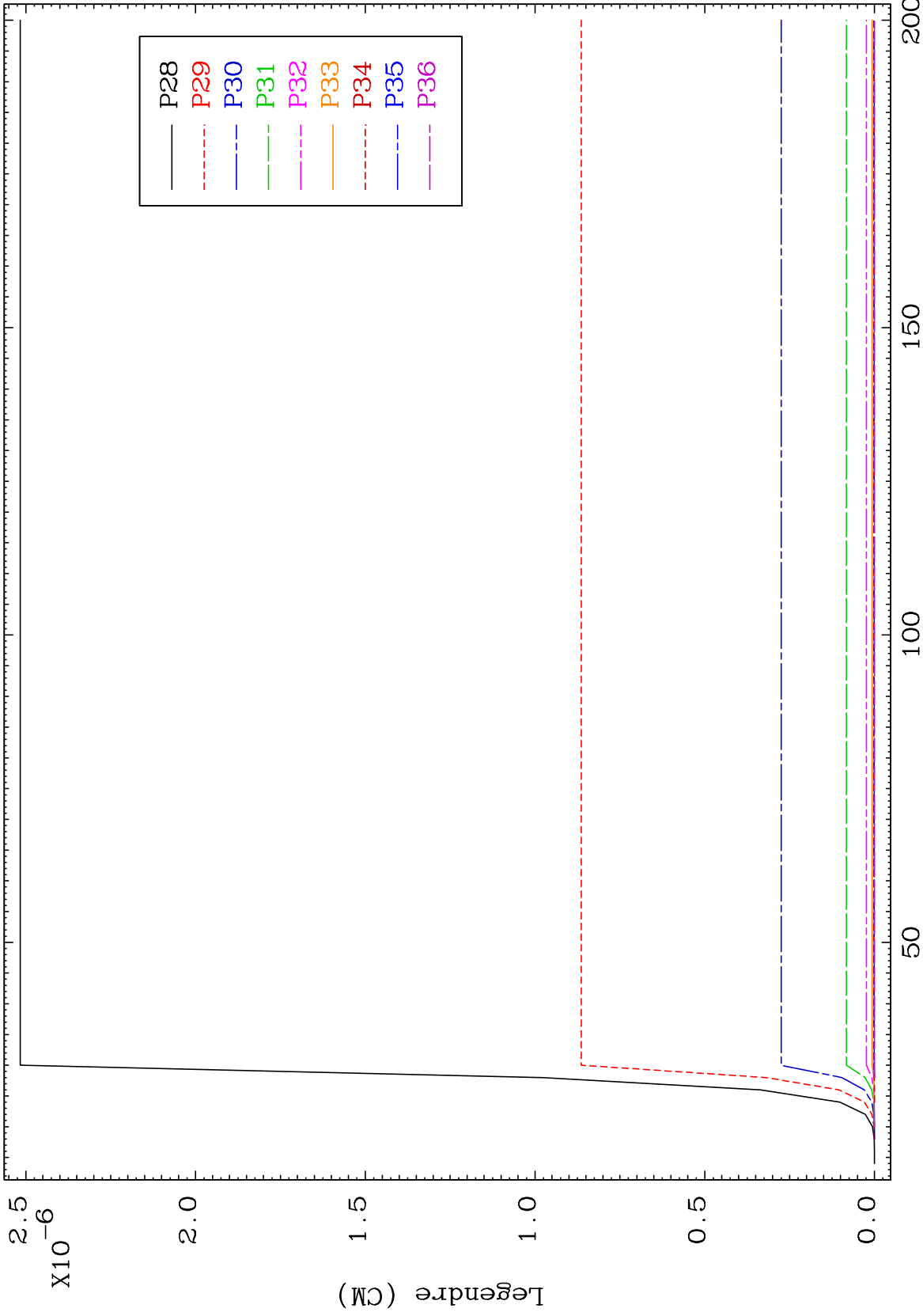
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



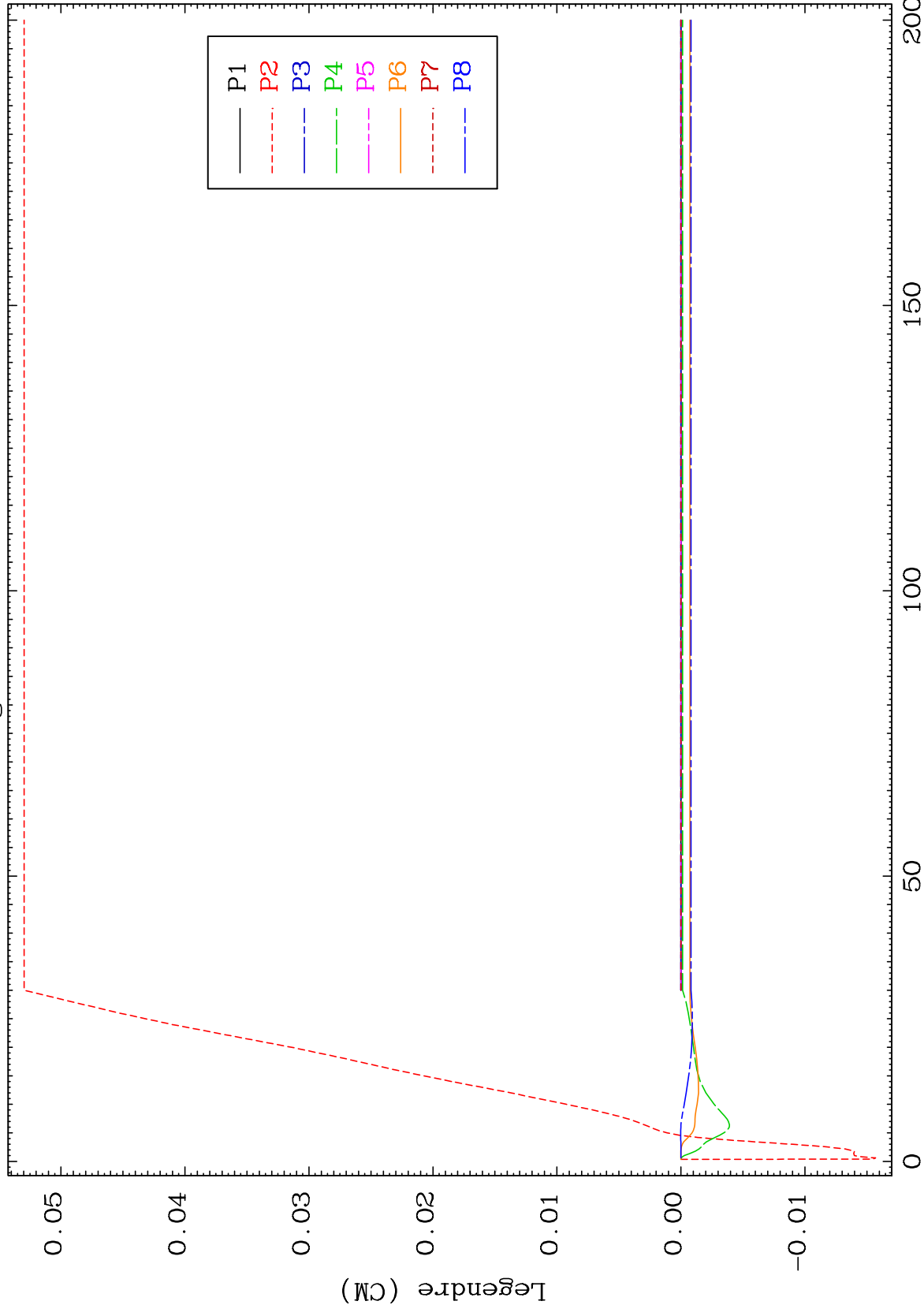
36

51-Sb-112

MAT 5098

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

51-Sb-112



37

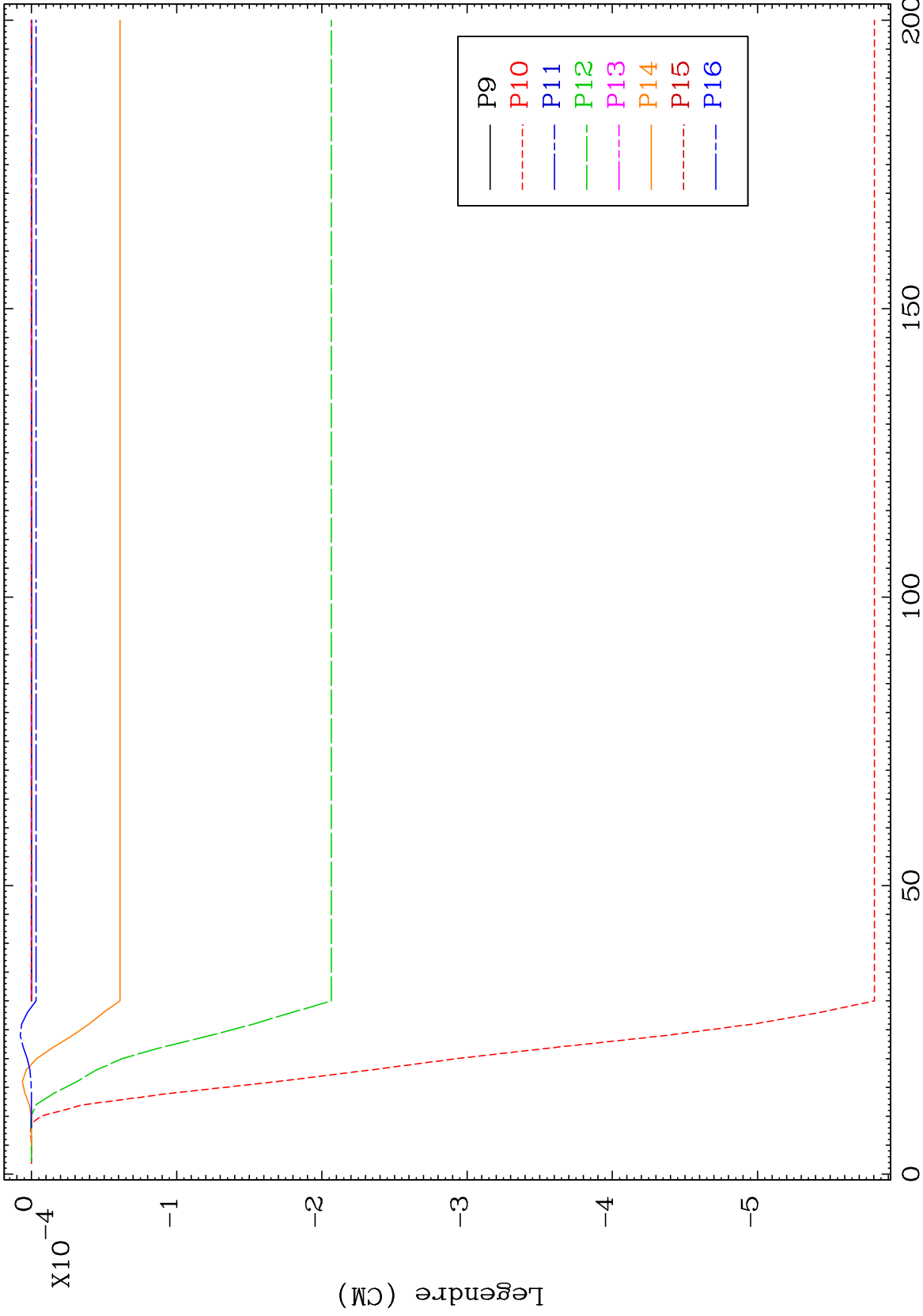
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



38

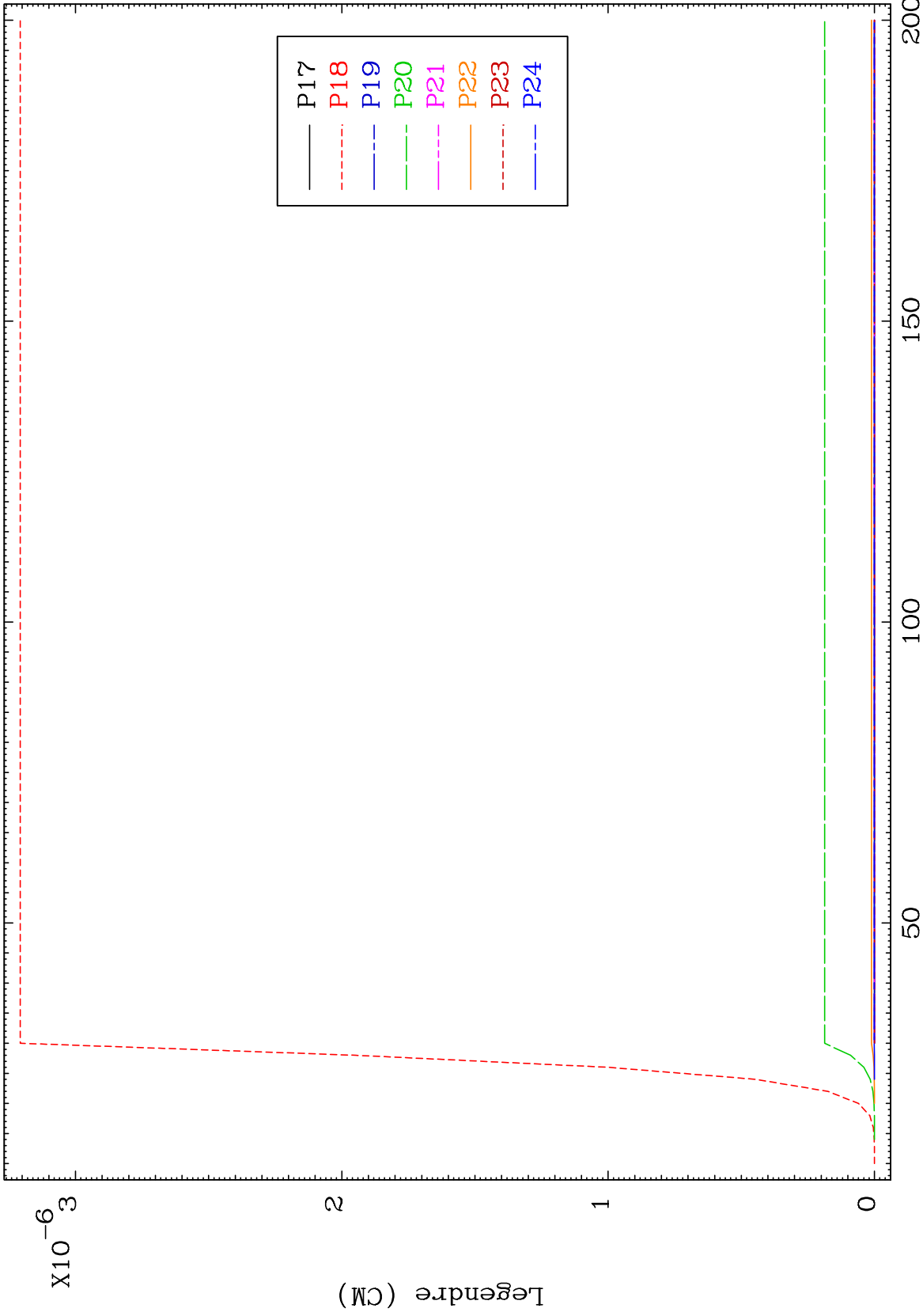
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



39

Incident Energy (MeV)

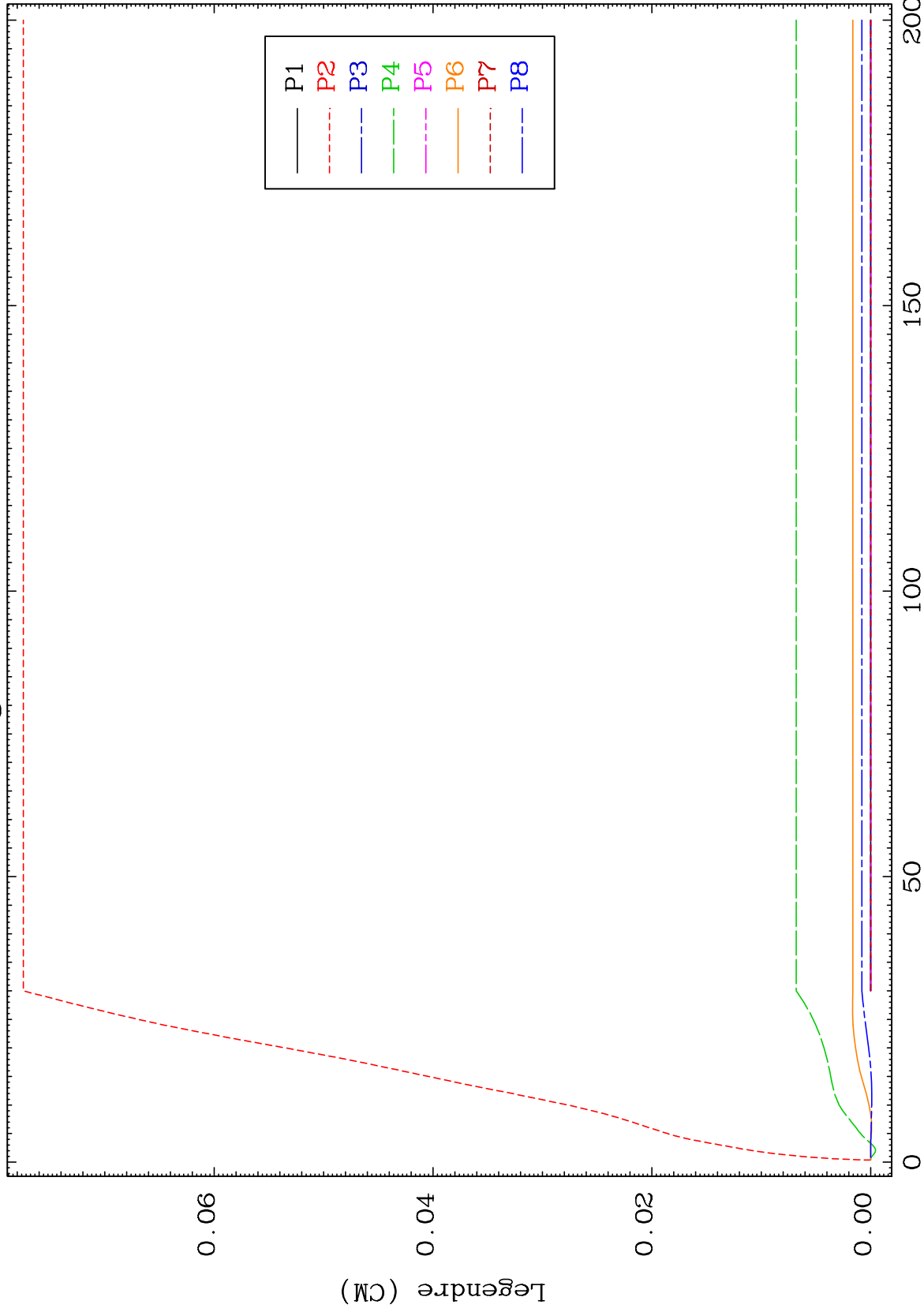
51-Sb-112



MAT 5098

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

51-Sb-112



51-Sb-112

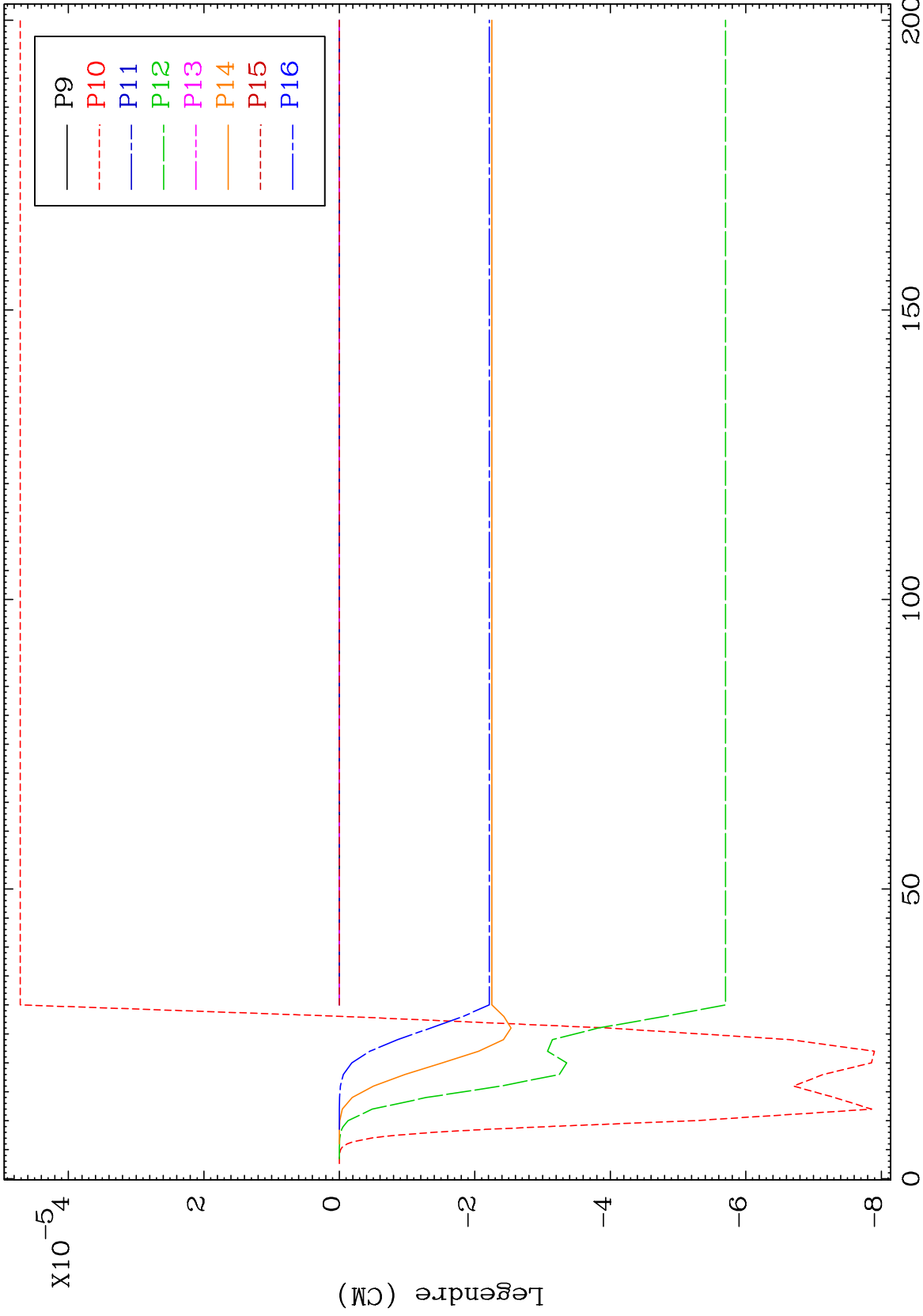
Incident Energy (MeV)

40

MAT 5098

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

51-Sb-112



41

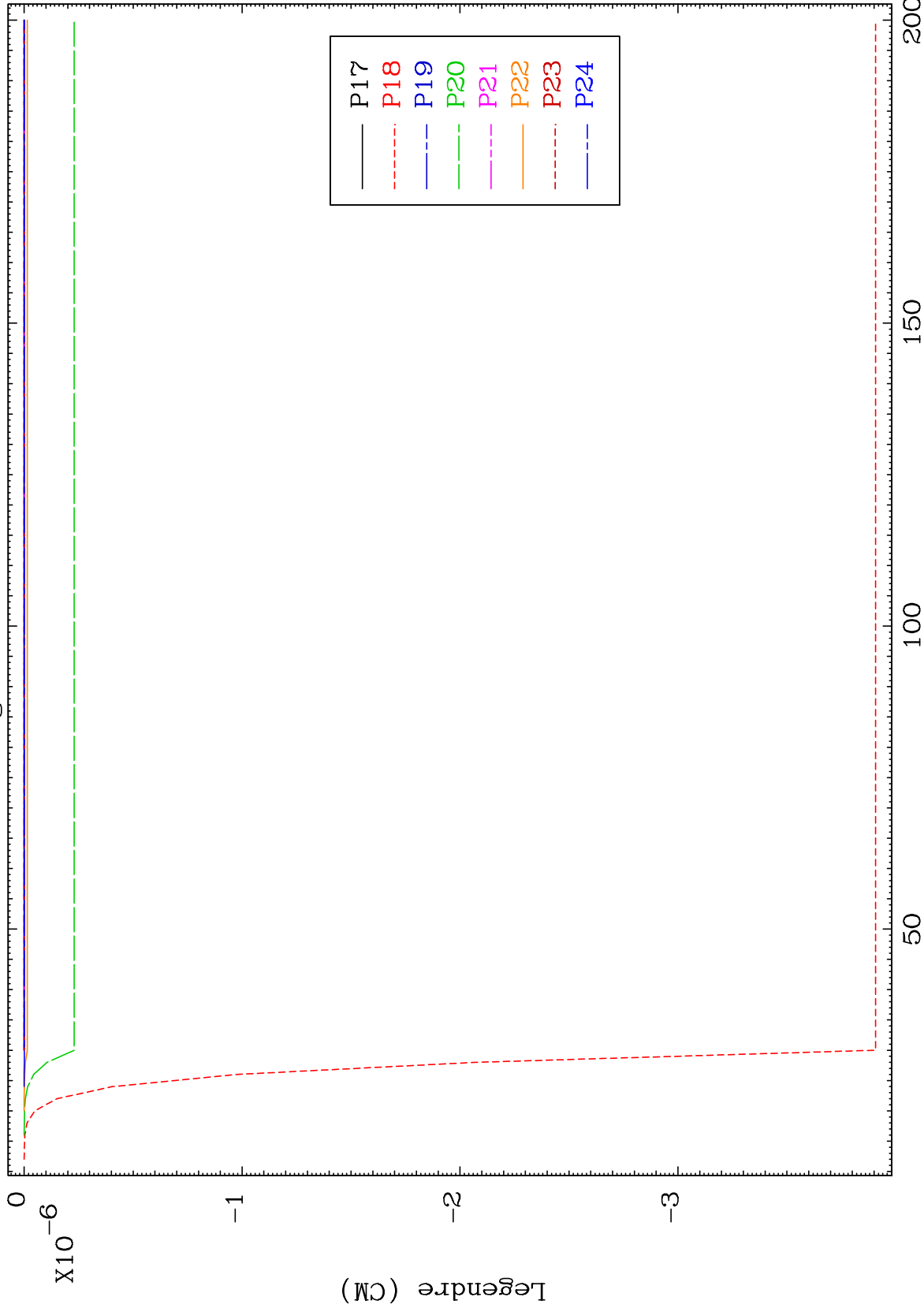
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



42

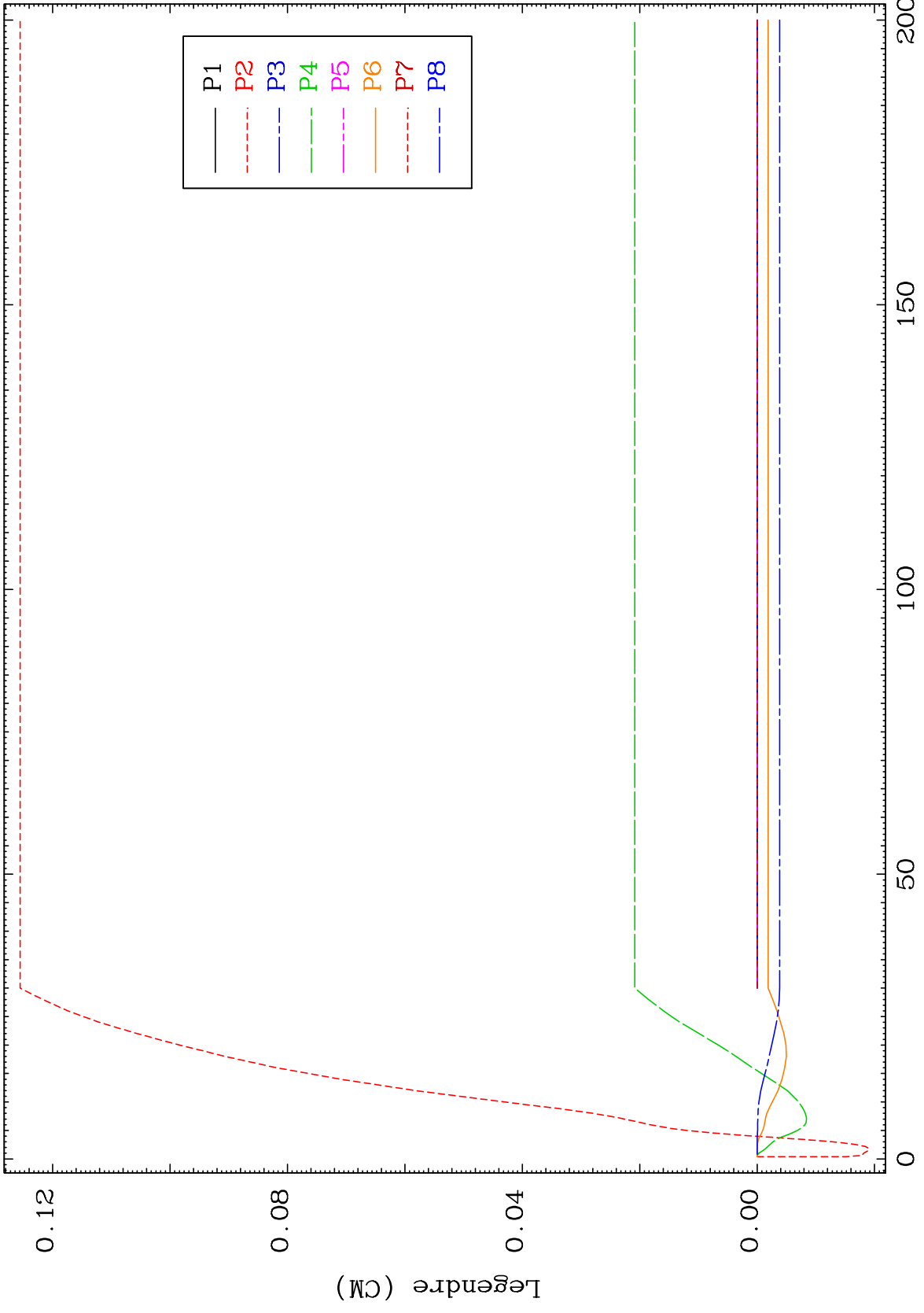
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



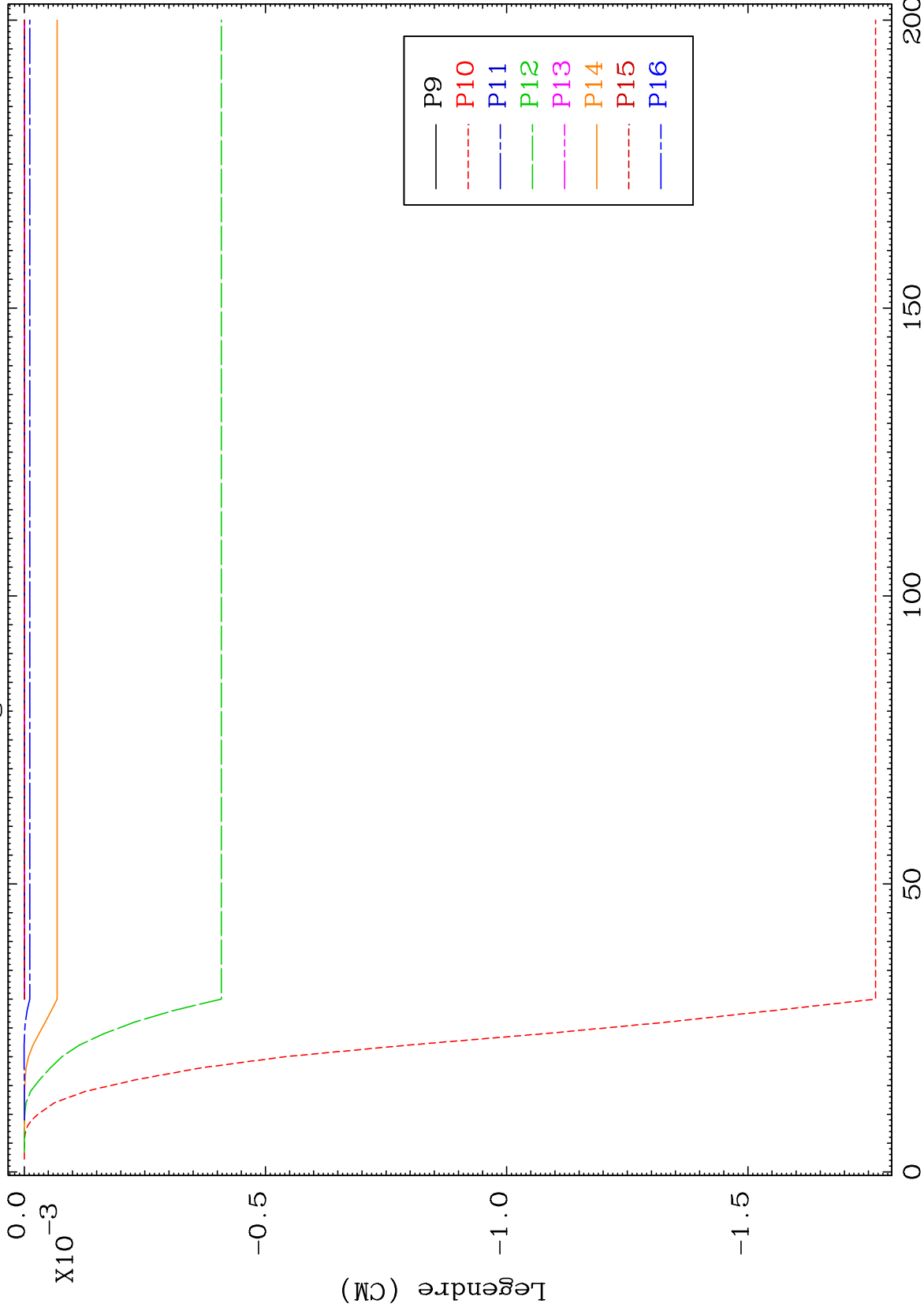
43

51-Sb-112

MAT 5098

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

51-Sb-112

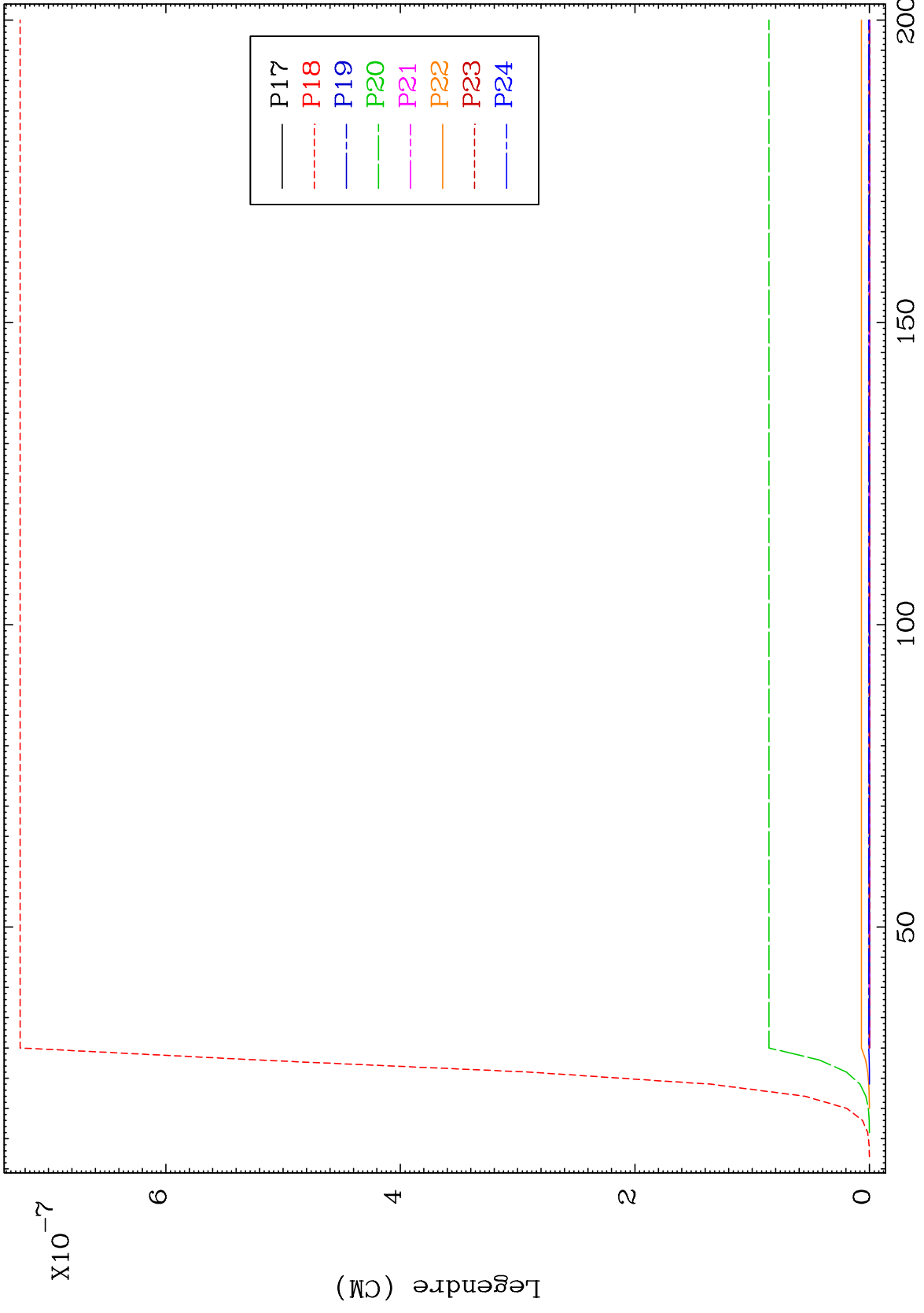


44

Incident Energy (MeV)

51-Sb-112

MAT 5098 MT= 58 (n,n') Level Legendre Coefficients 51-Sb-112

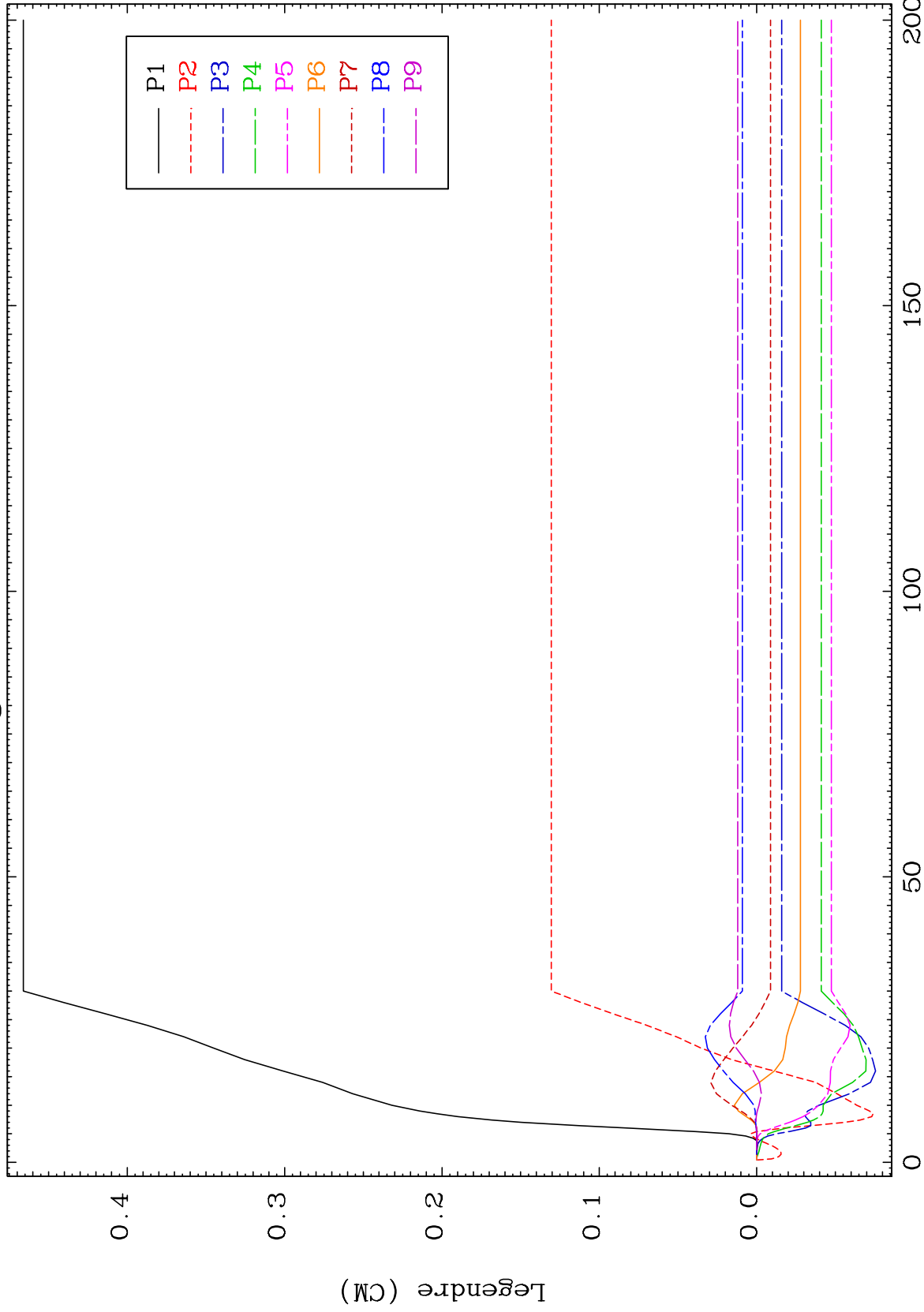


45 50 100 150 200 Incident Energy (MeV) 51-Sb-112

MAT 5098

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

51-Sb-112



46

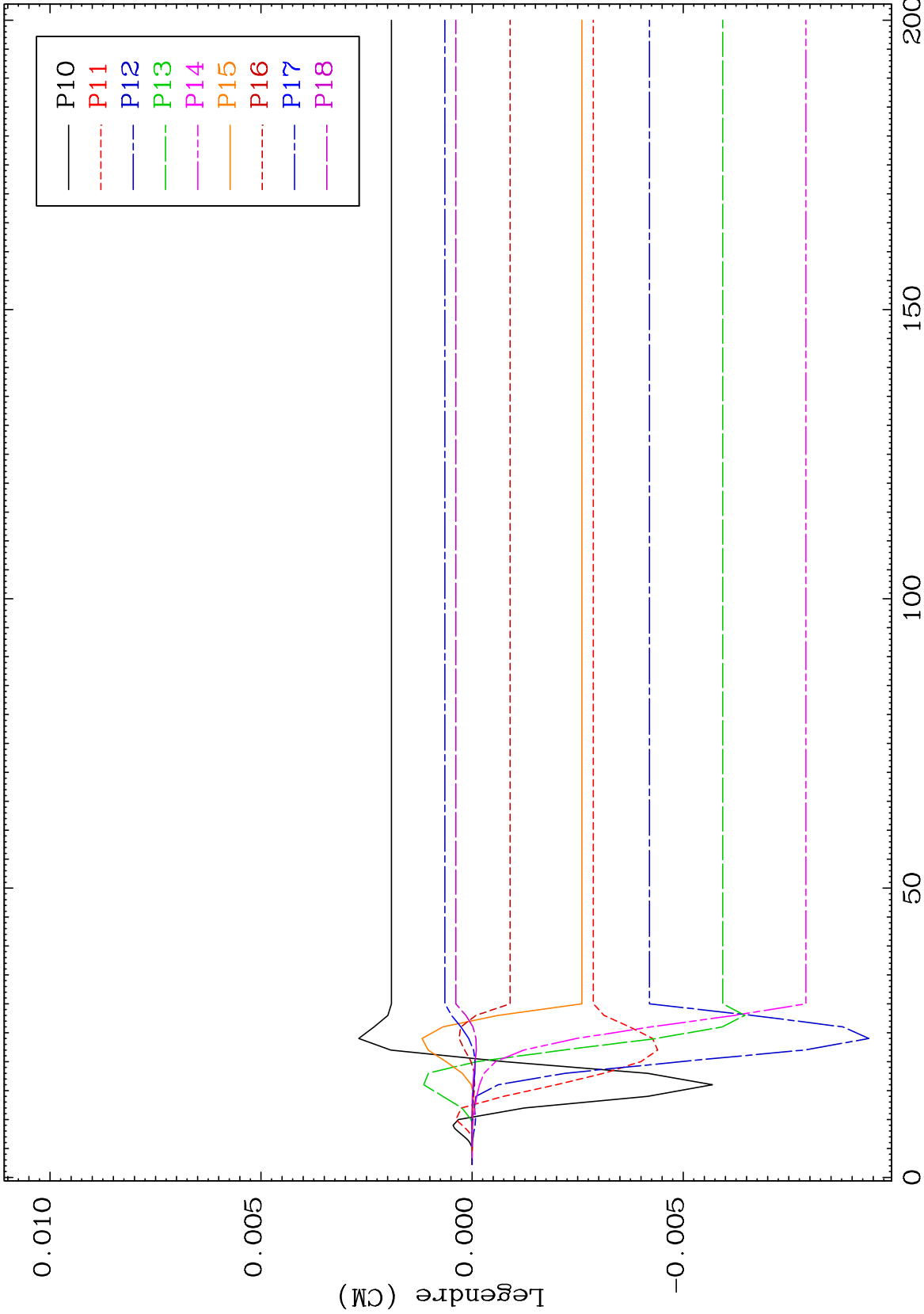
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

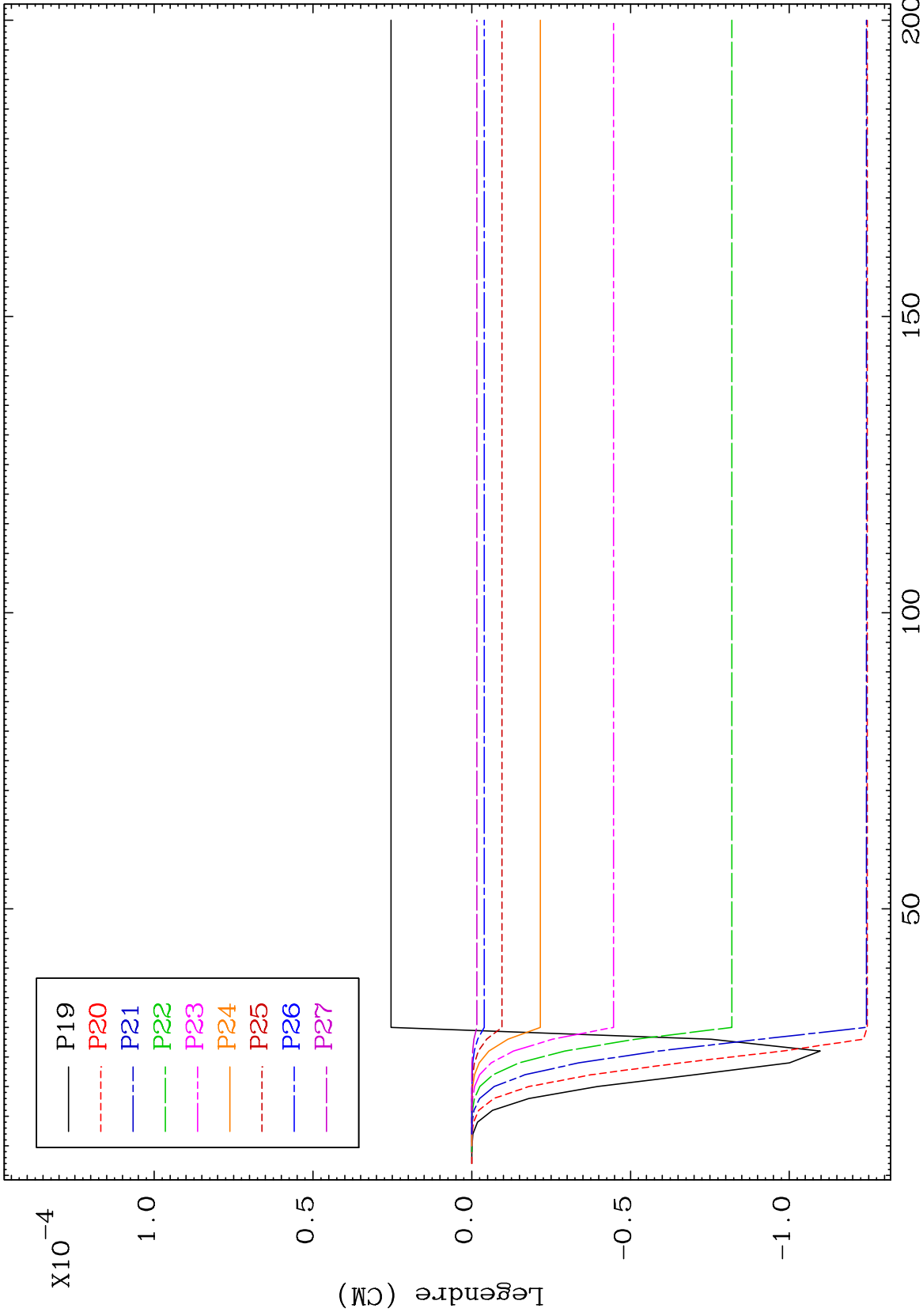
51-Sb-112



47

51-Sb-112

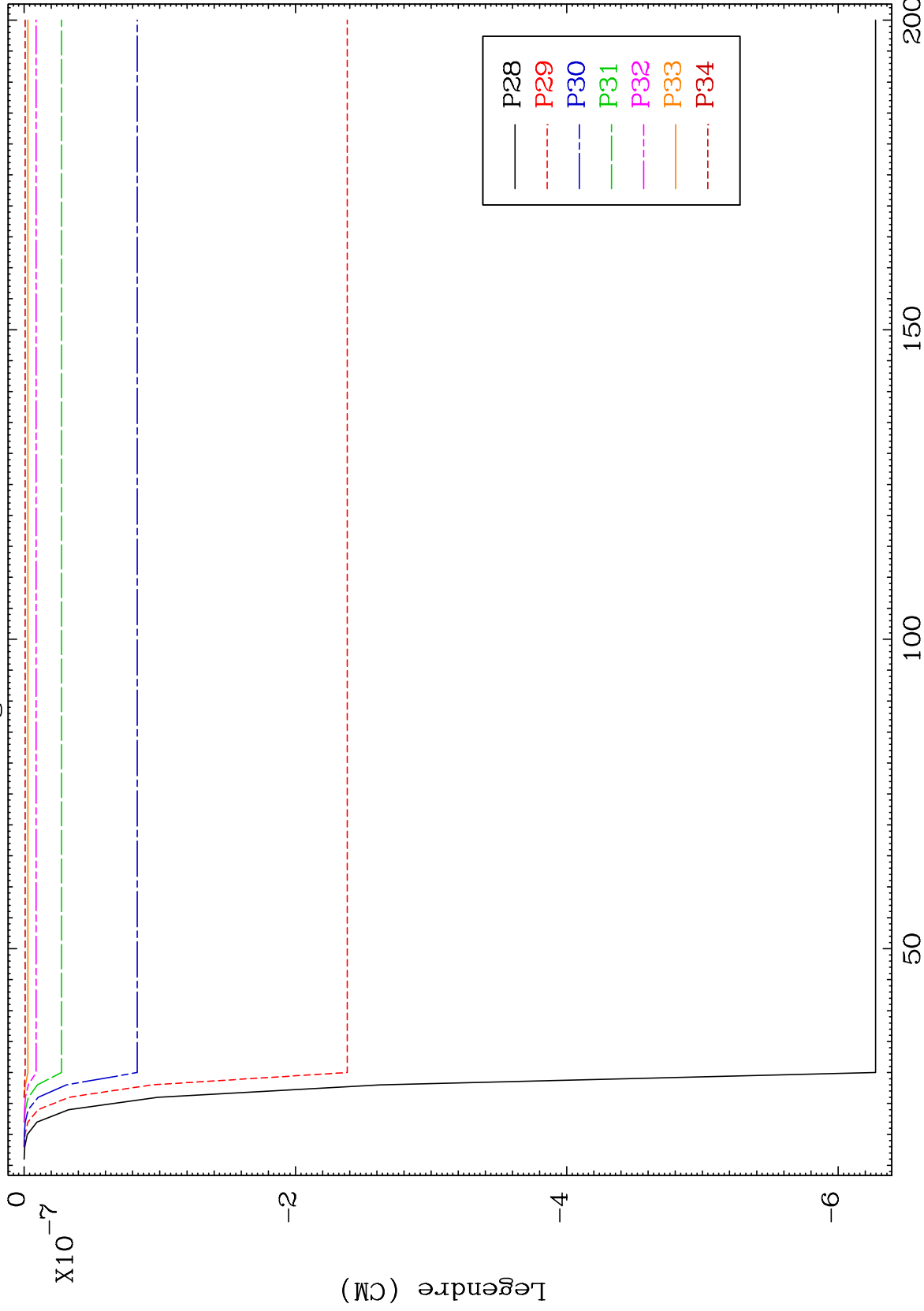




MAT 5098

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

51-Sb-112



49

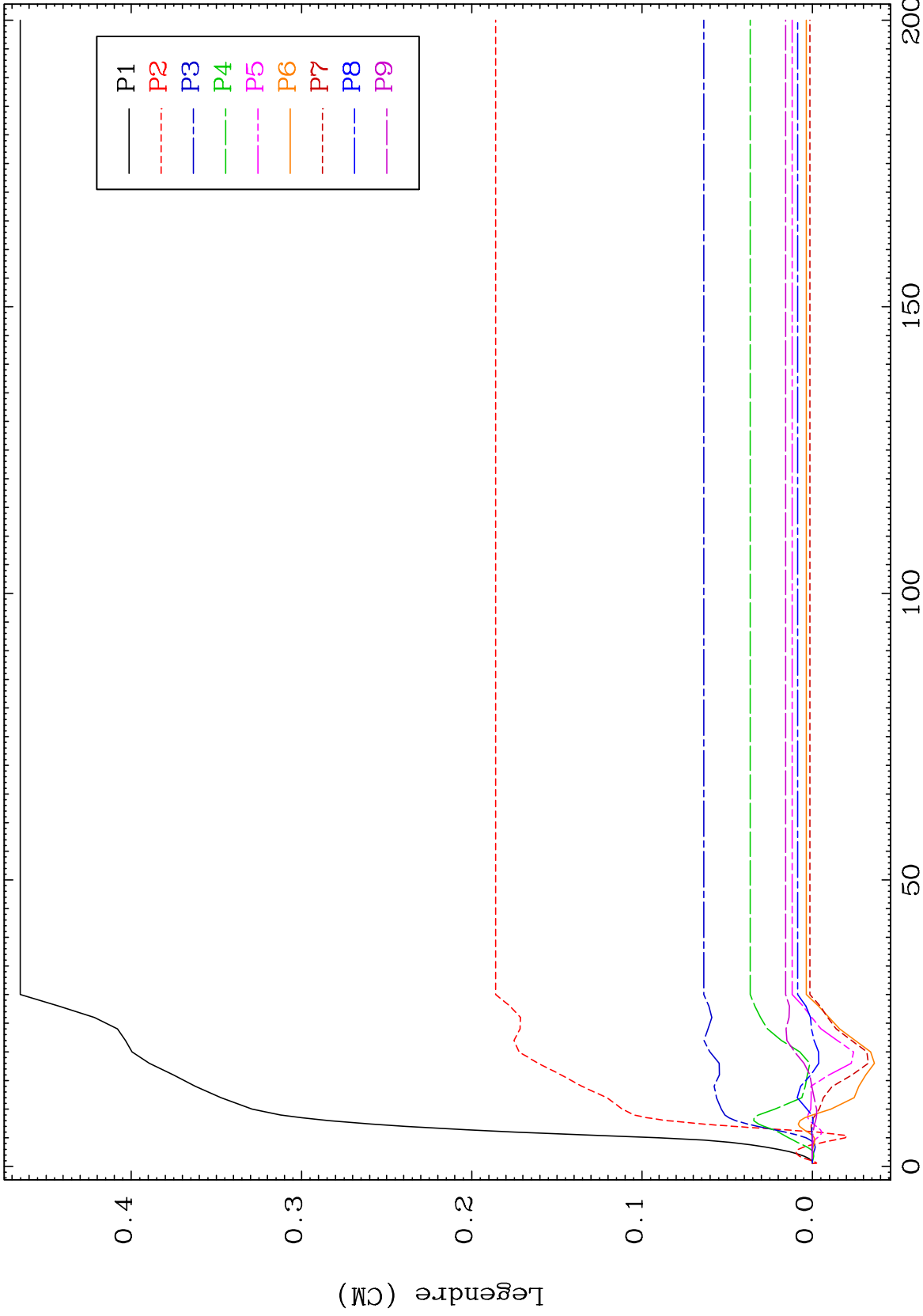
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



51-Sb-112

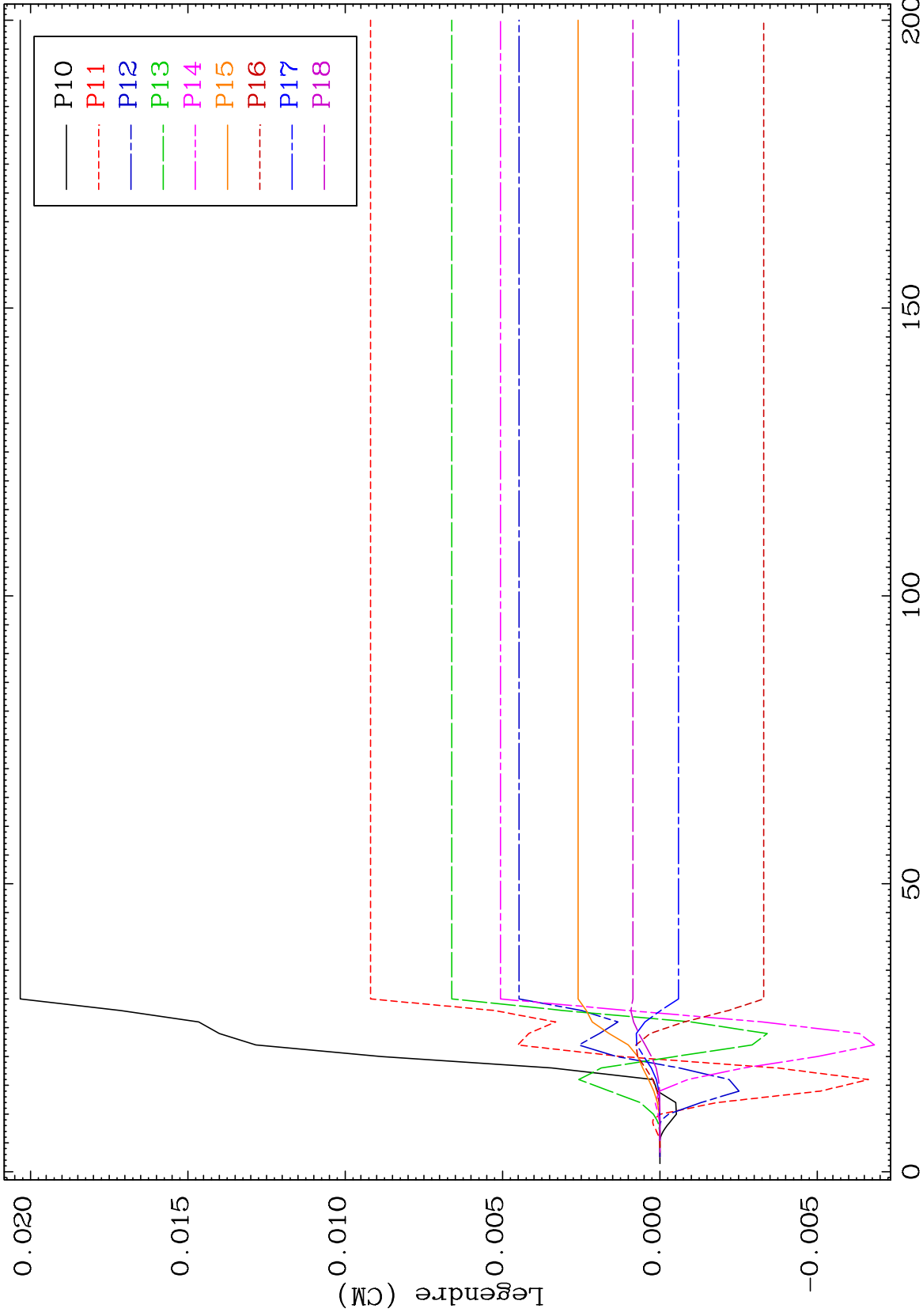
Incident Energy (MeV)

Legendre (CM)

MAT 5098

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

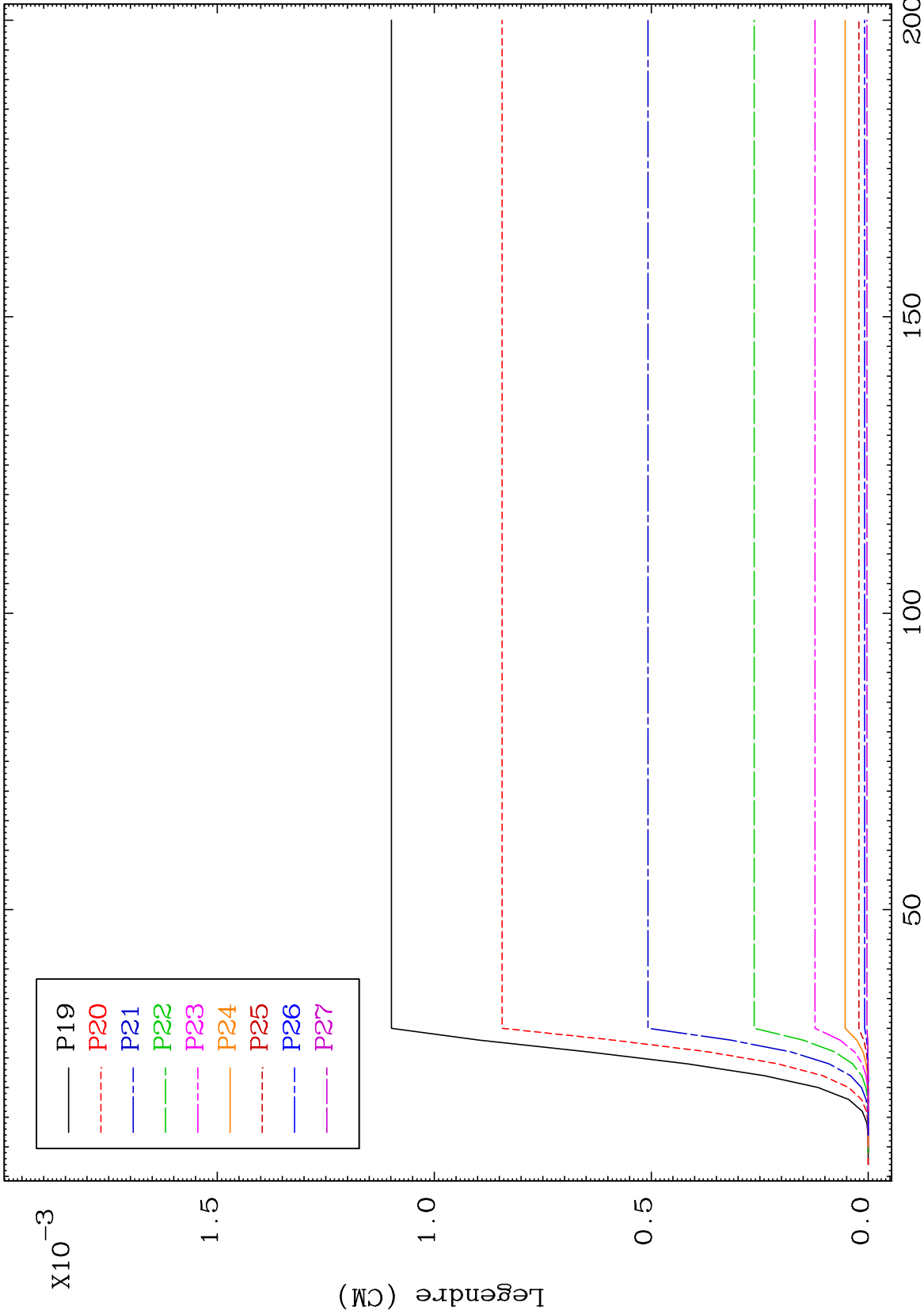
51-Sb-112



51

Incident Energy (MeV)

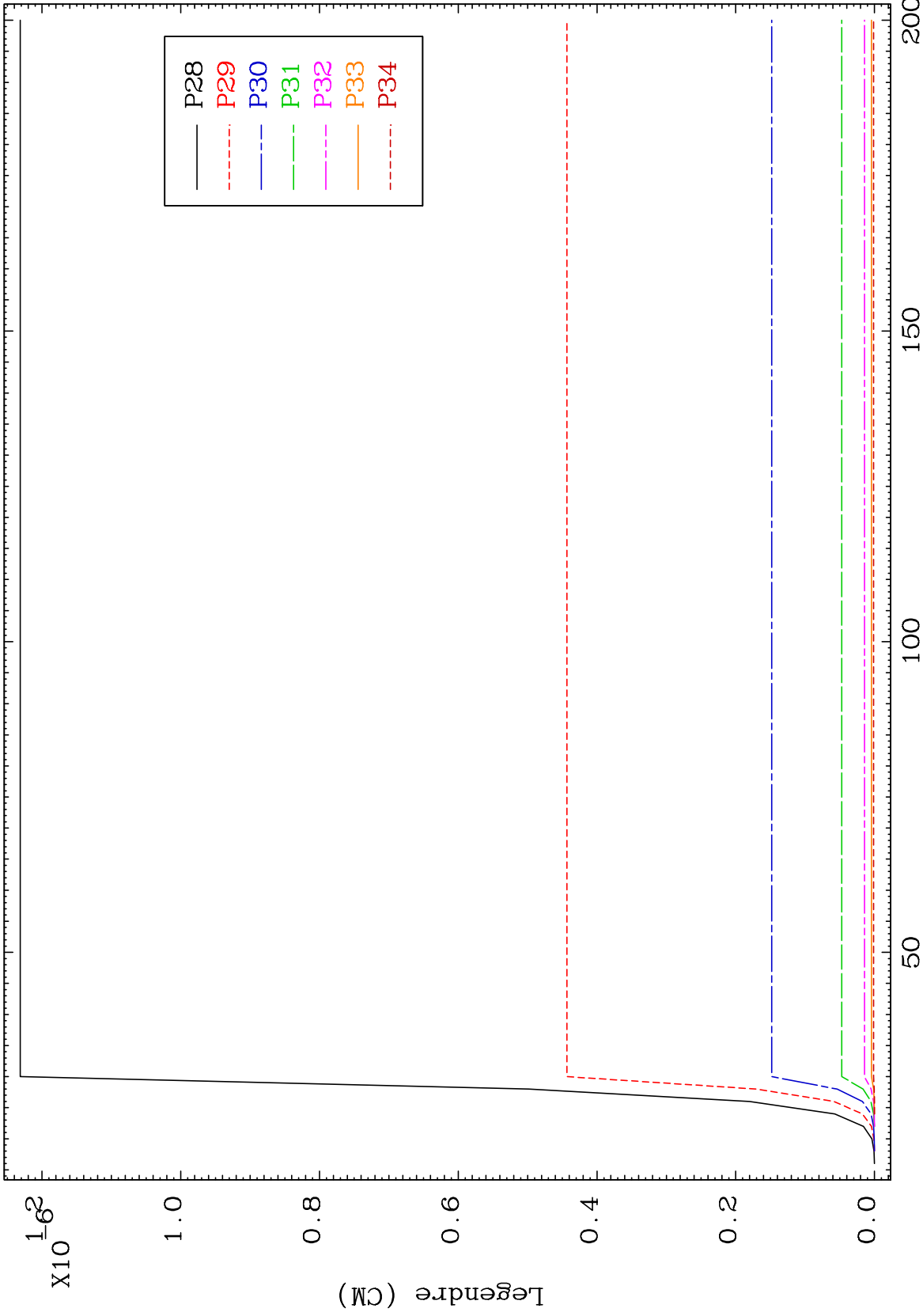
51-Sb-112



MAT 5098

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

51-Sb-112

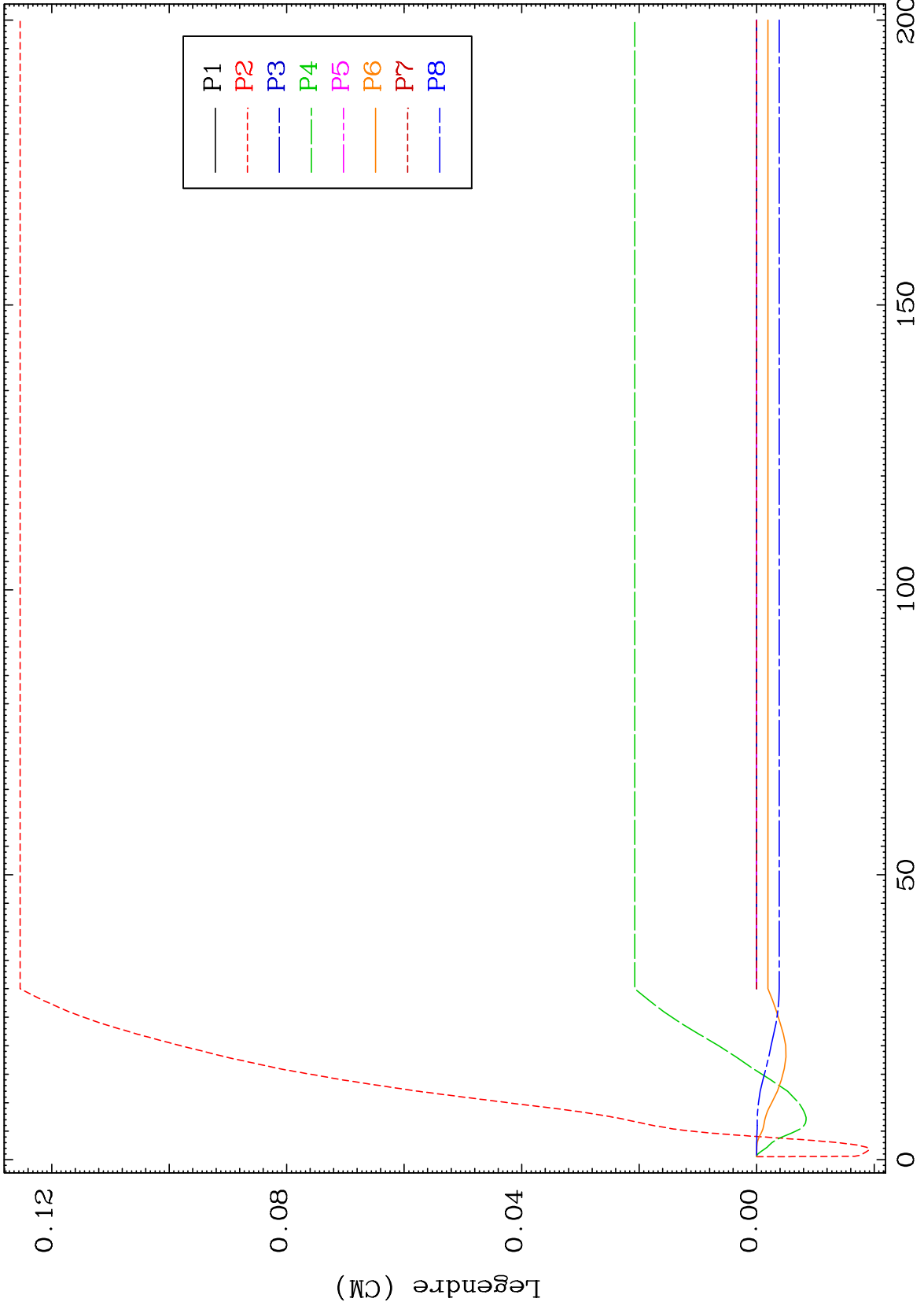


53

Incident Energy (MeV)

51-Sb-112

MAT 5098 MT= 61 (n,n') Level Legendre Coefficients 51-Sb-112

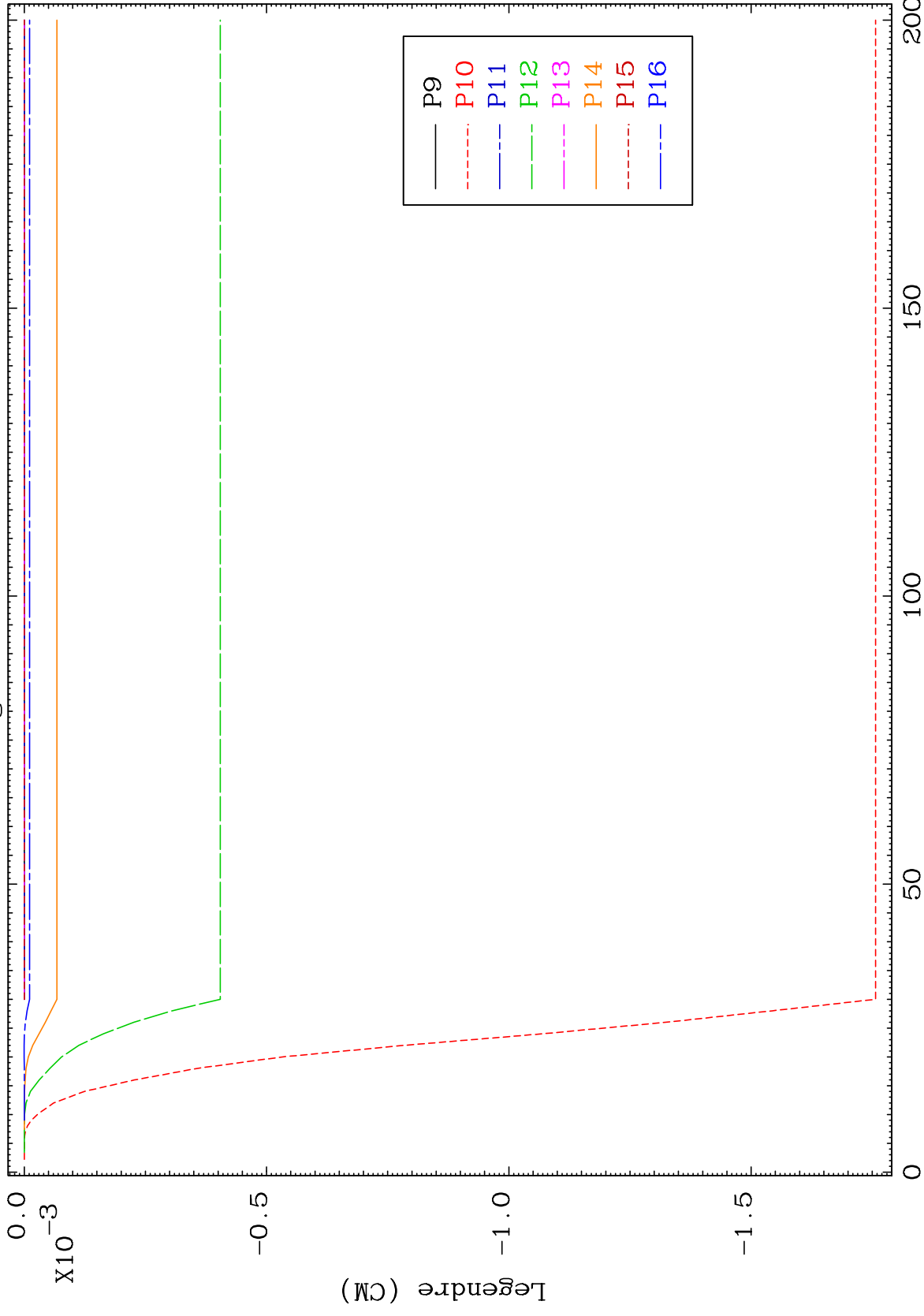


54 51-Sb-112

MAT 5098

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

51-Sb-112



51-Sb-112

Incident Energy (MeV)

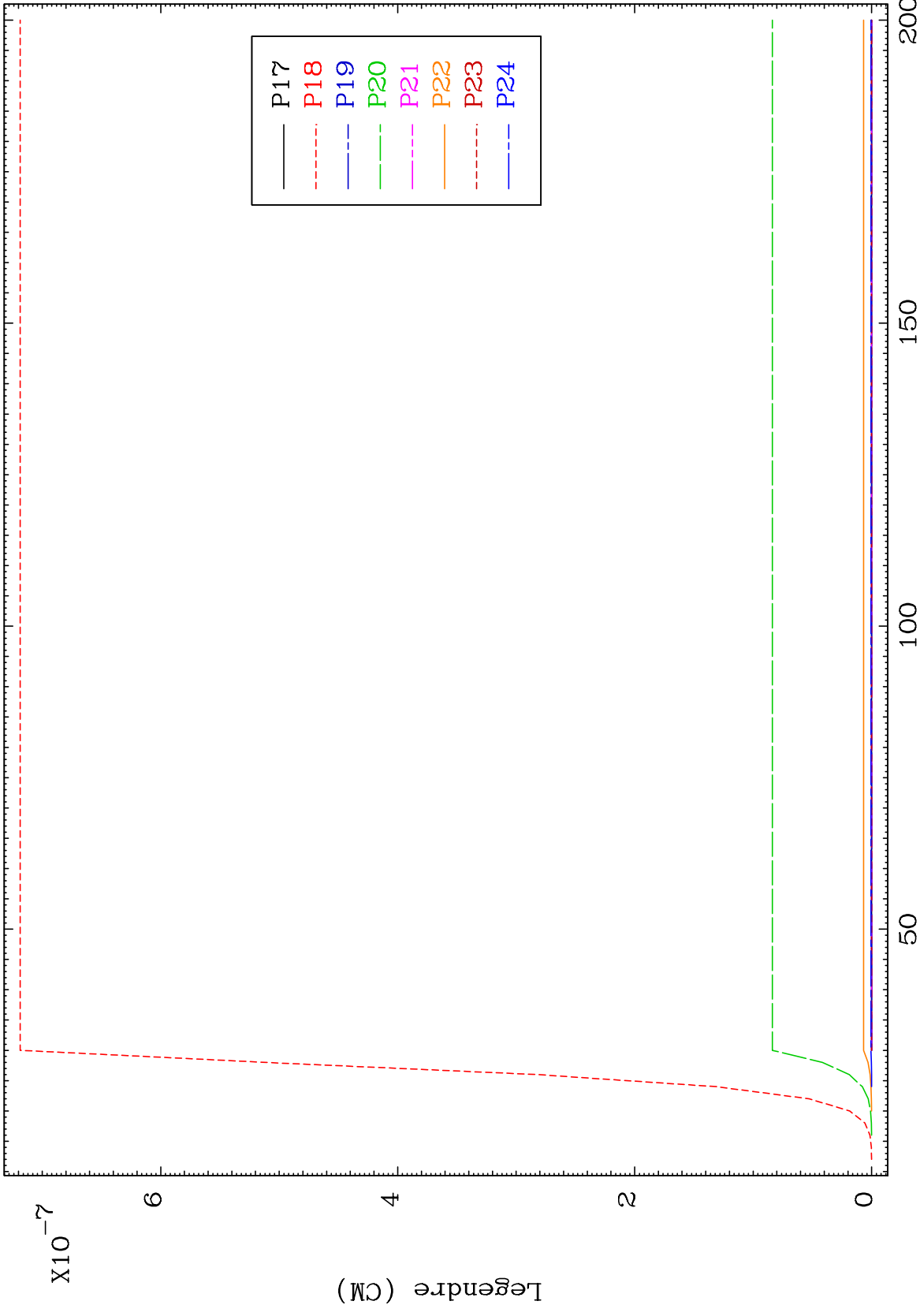
55



MAT 5098

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

51-Sb-112



51-Sb-112

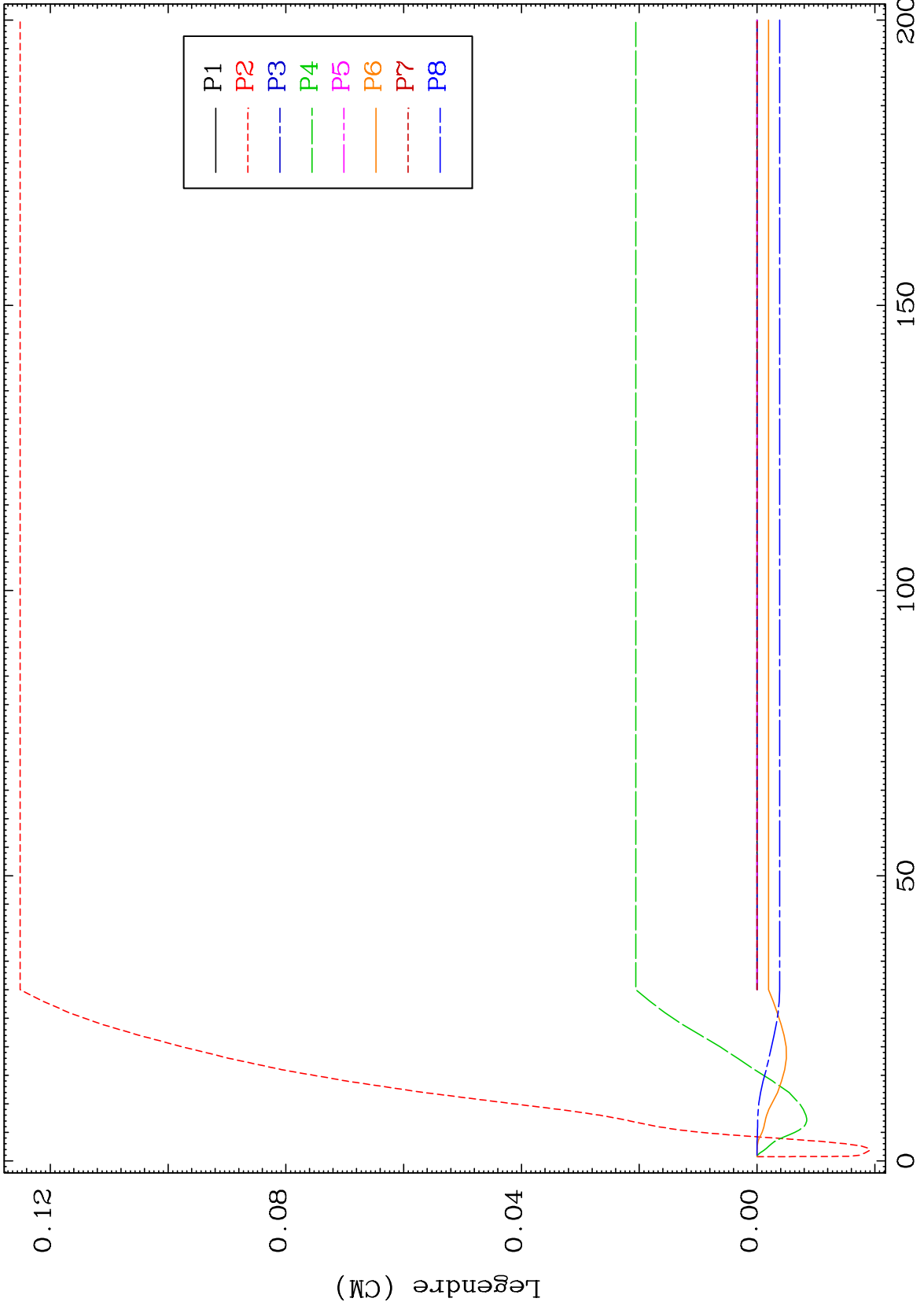
Incident Energy (MeV)

56

MAT 5098

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

51-Sb-112



57

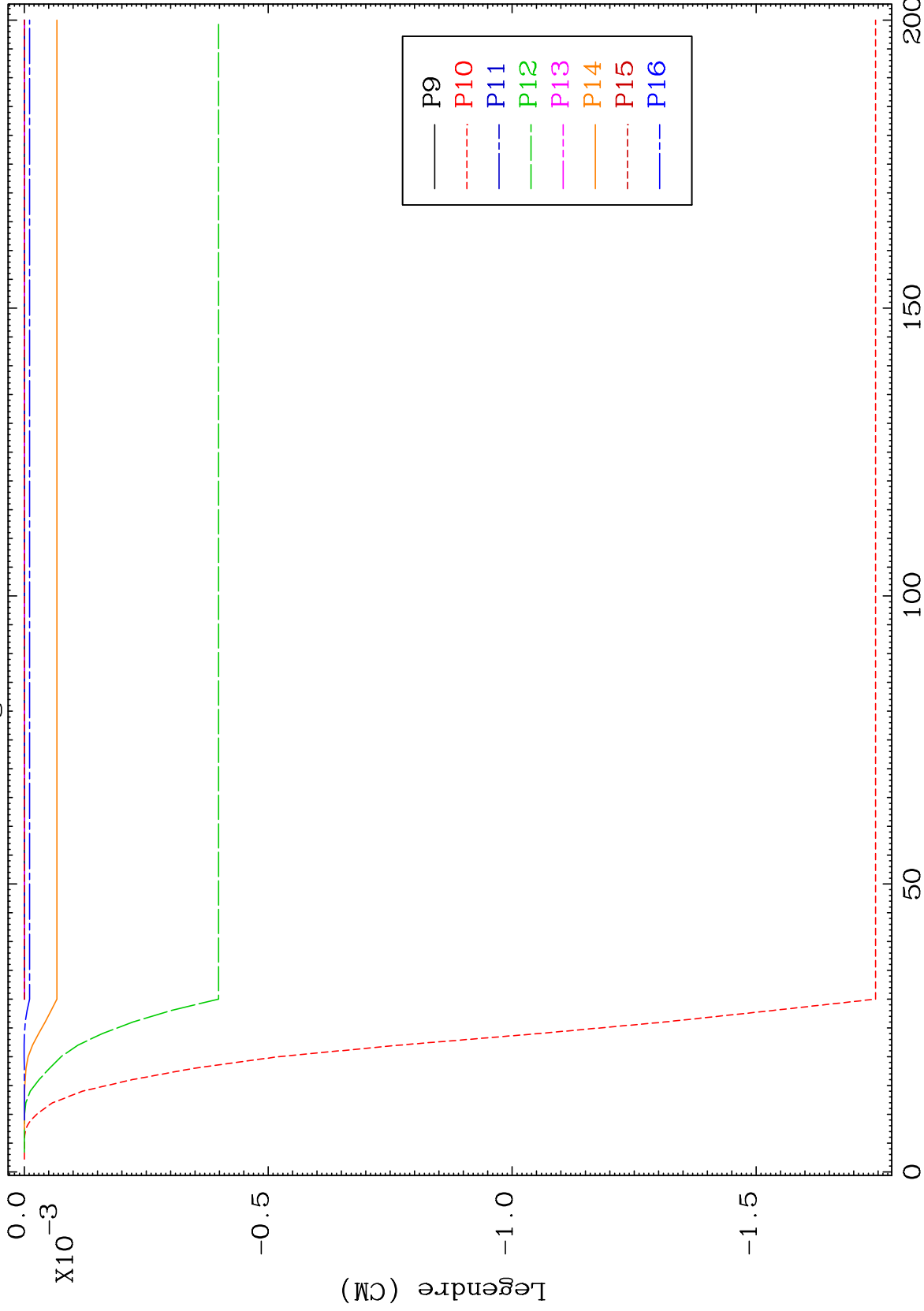
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



58

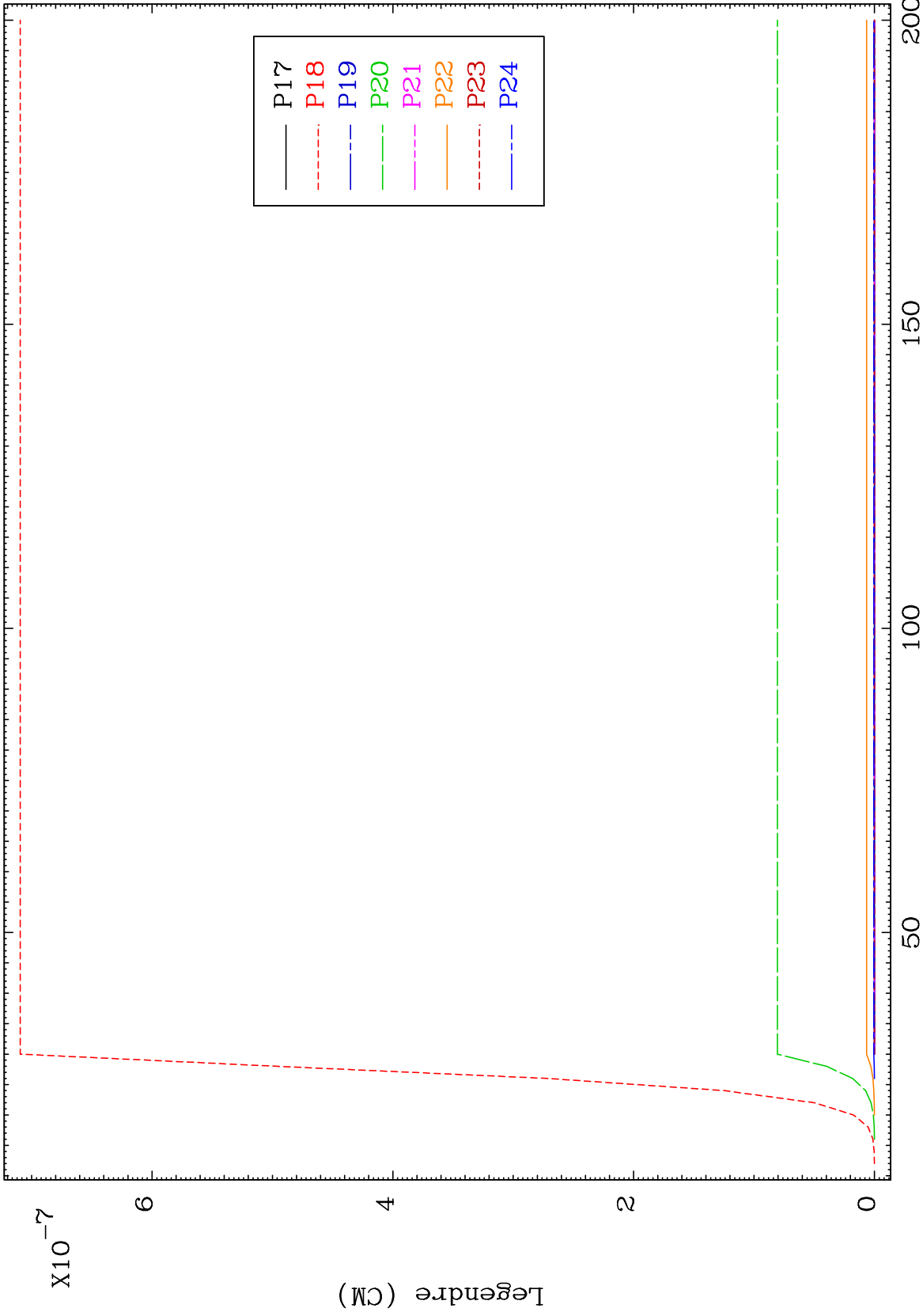
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



59

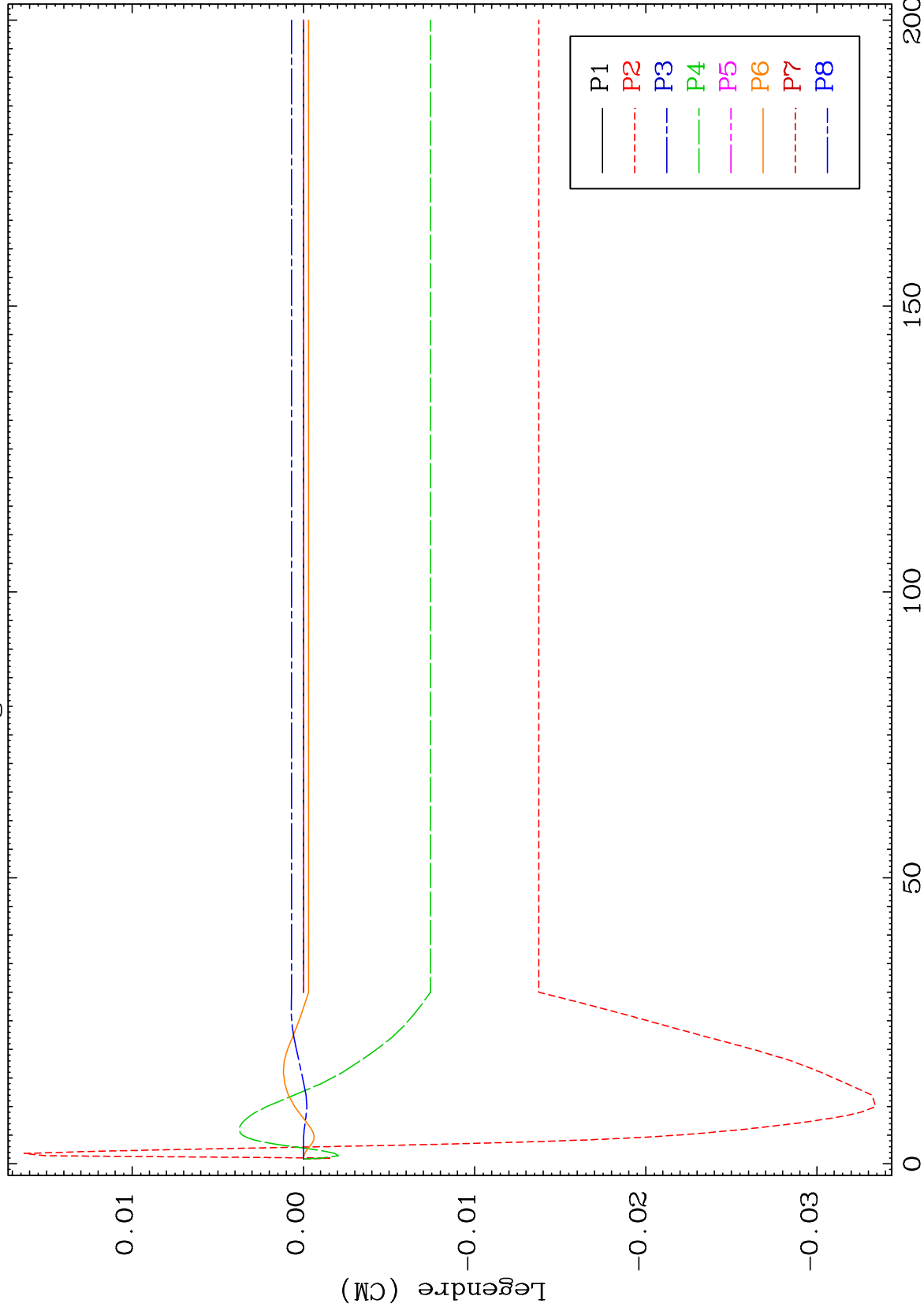
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



51-Sb-112

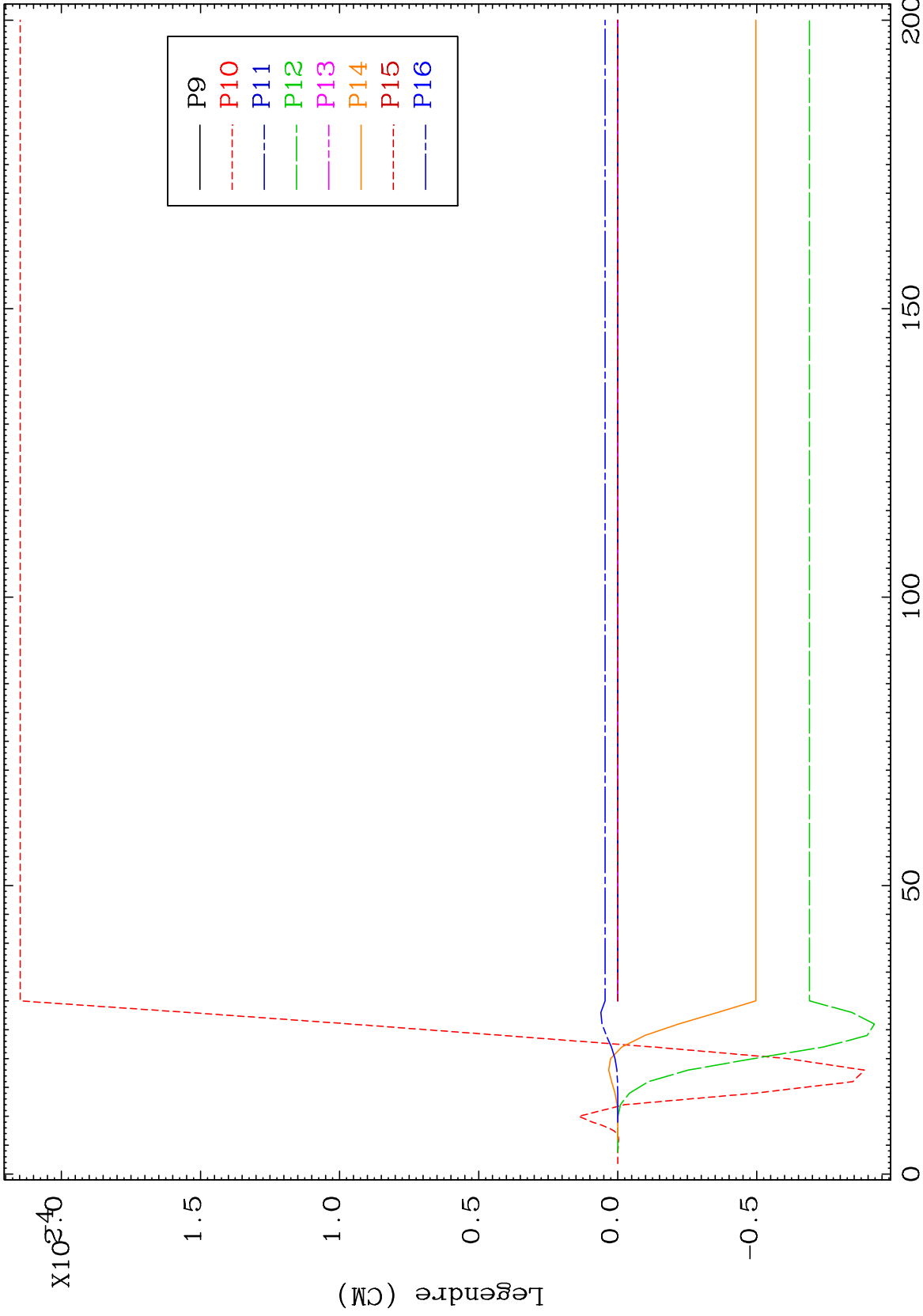
Incident Energy (MeV)

60

MAT 5098

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

51-Sb-112



61

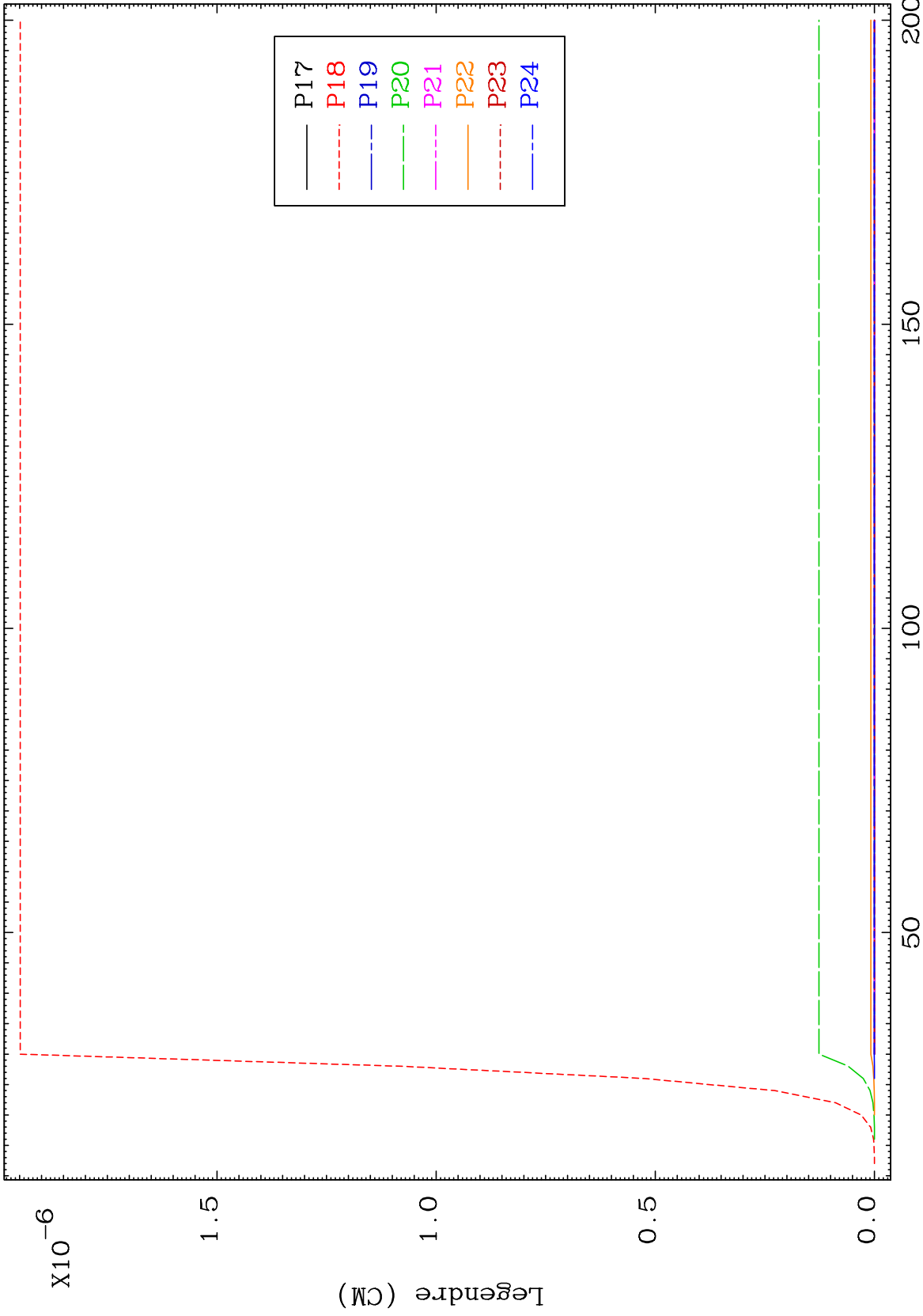
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



62

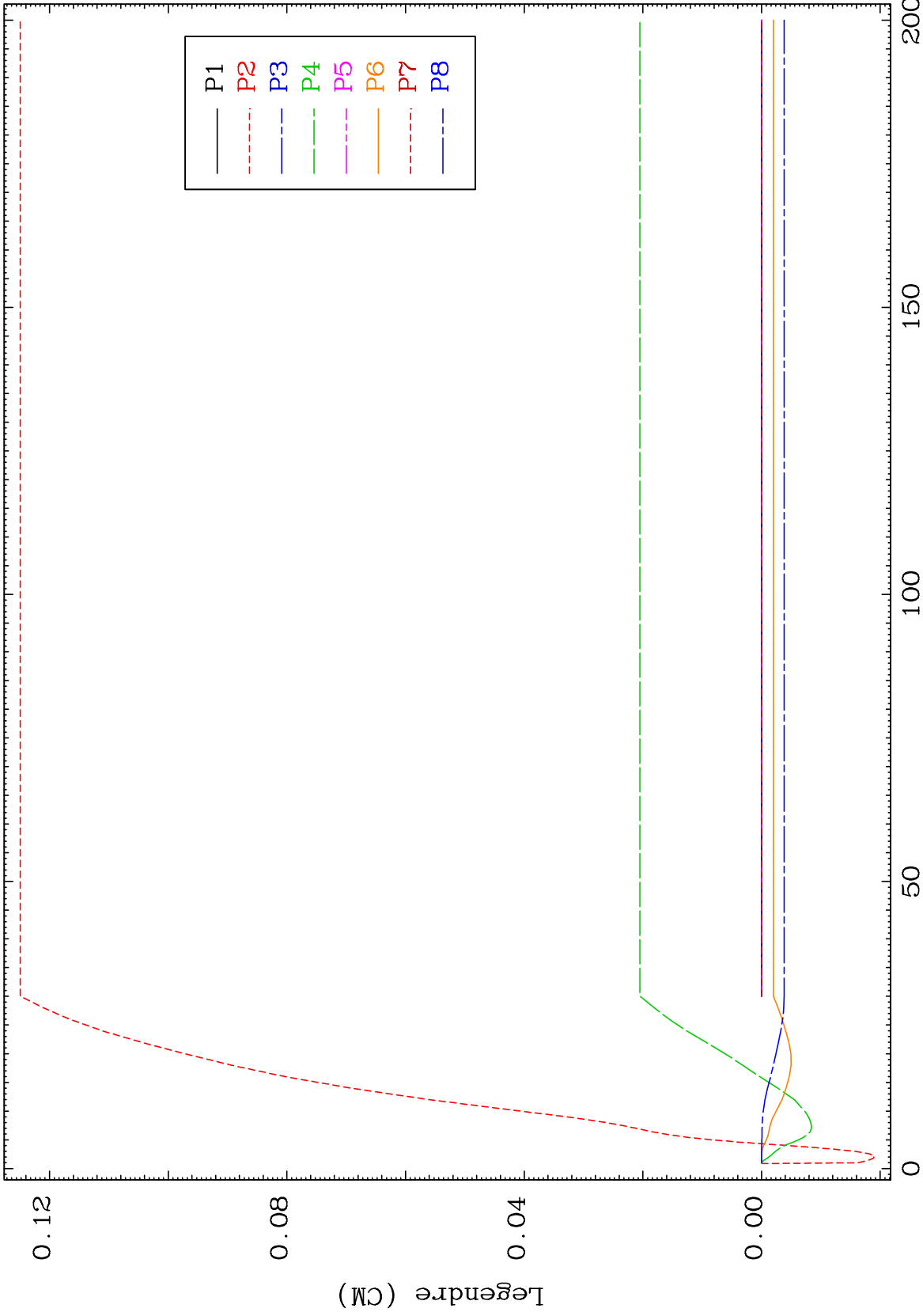
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



63

Incident Energy (MeV)

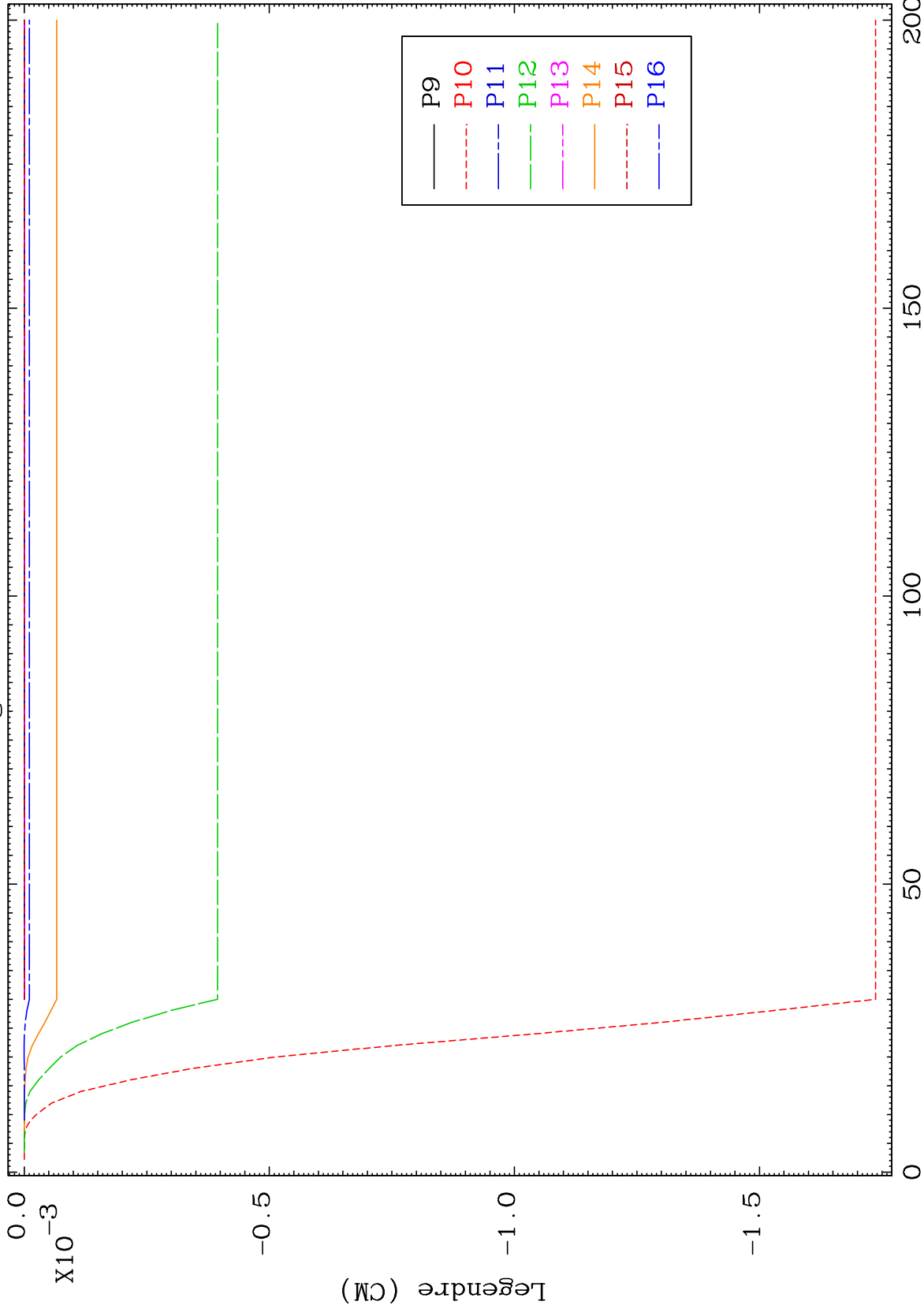
51-Sb-112



MAT 5098

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

51-Sb-112



51-Sb-112

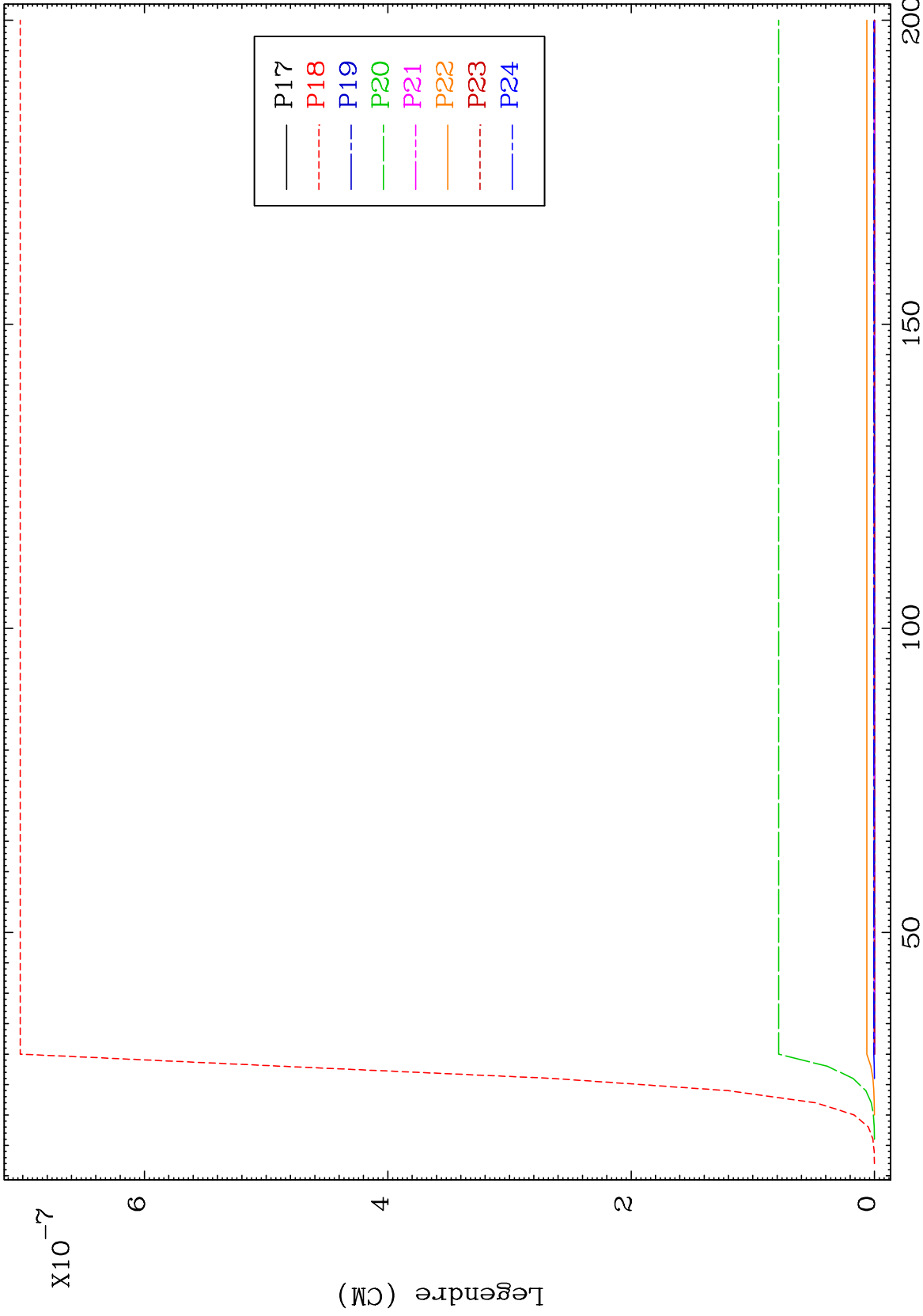
Incident Energy (MeV)

64

MAT 5098

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

51-Sb-112



65

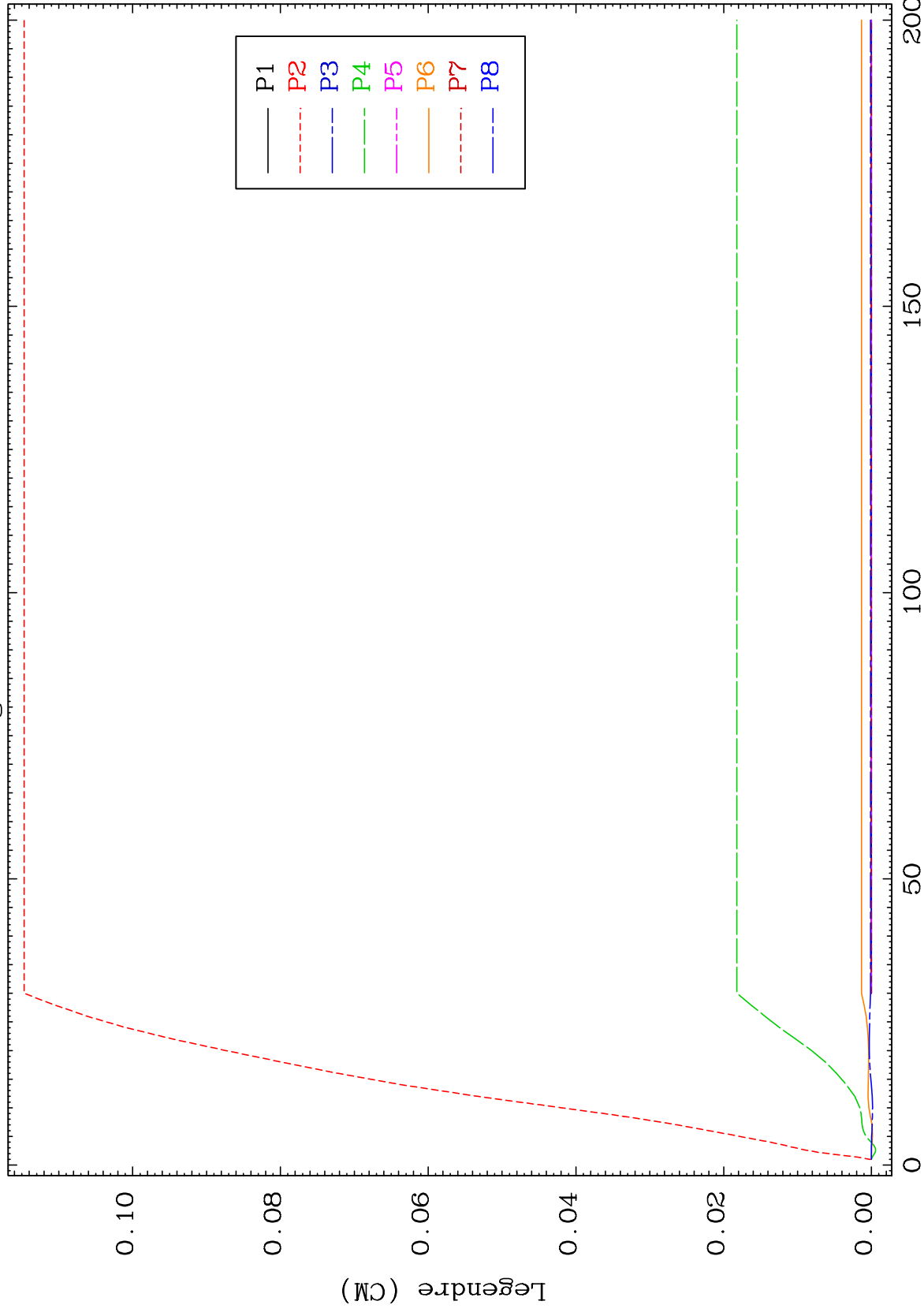
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112

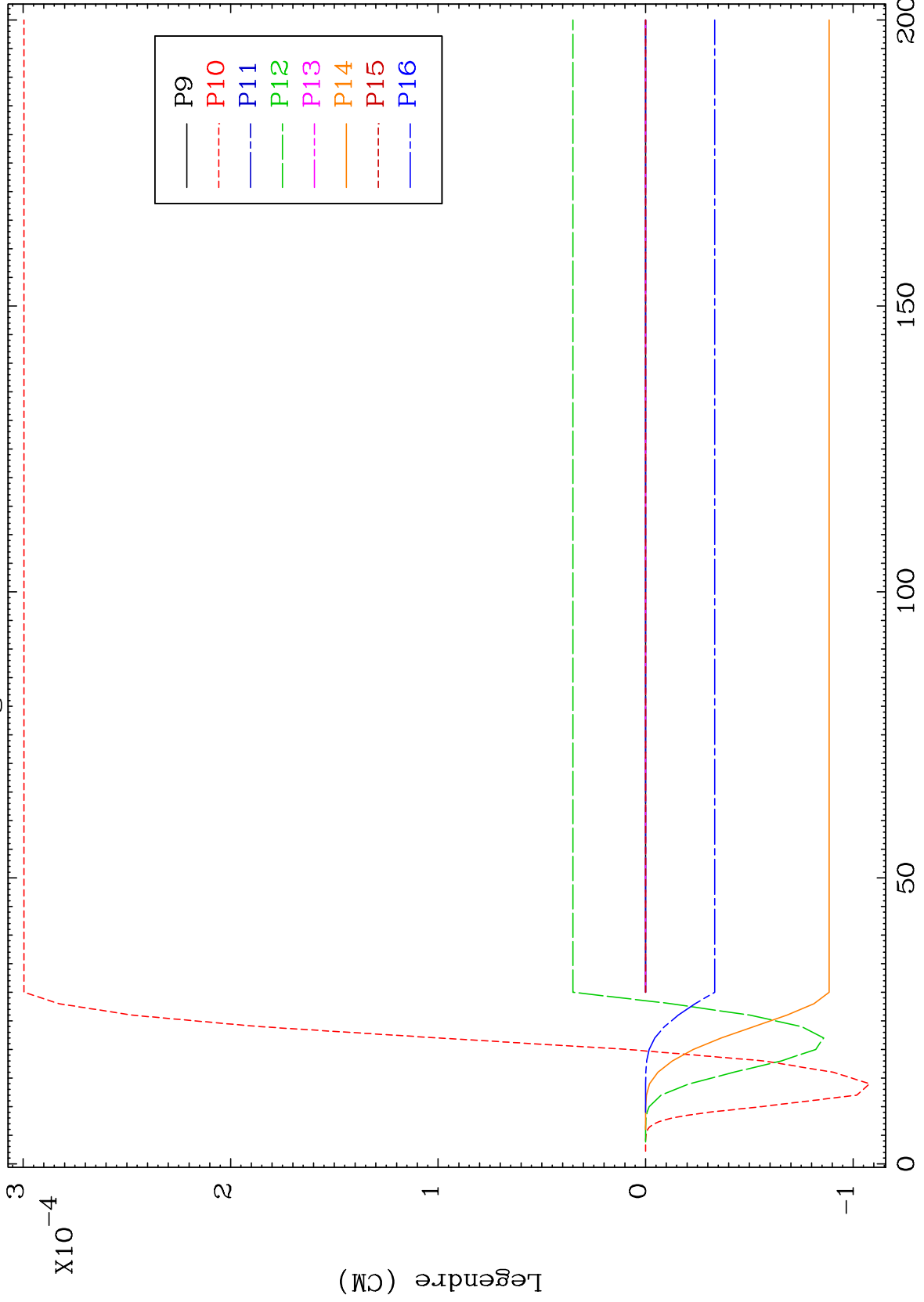


66

Incident Energy (MeV)

51-Sb-112

MAT 5098 MT= 65 (n,n') Level Legendre Coefficients 51-Sb-112

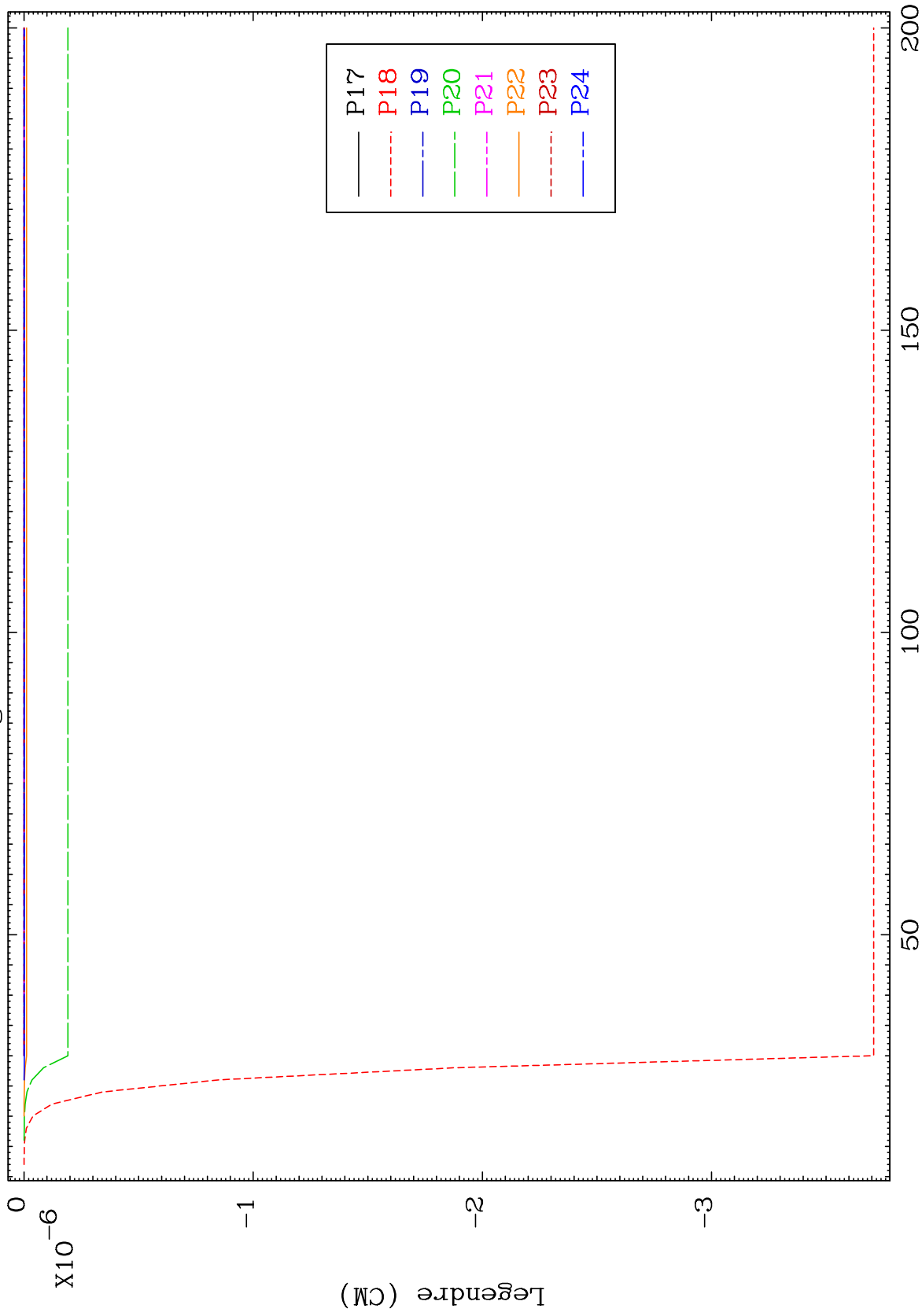


67 51-Sb-112

MAT 5098

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

51-Sb-112

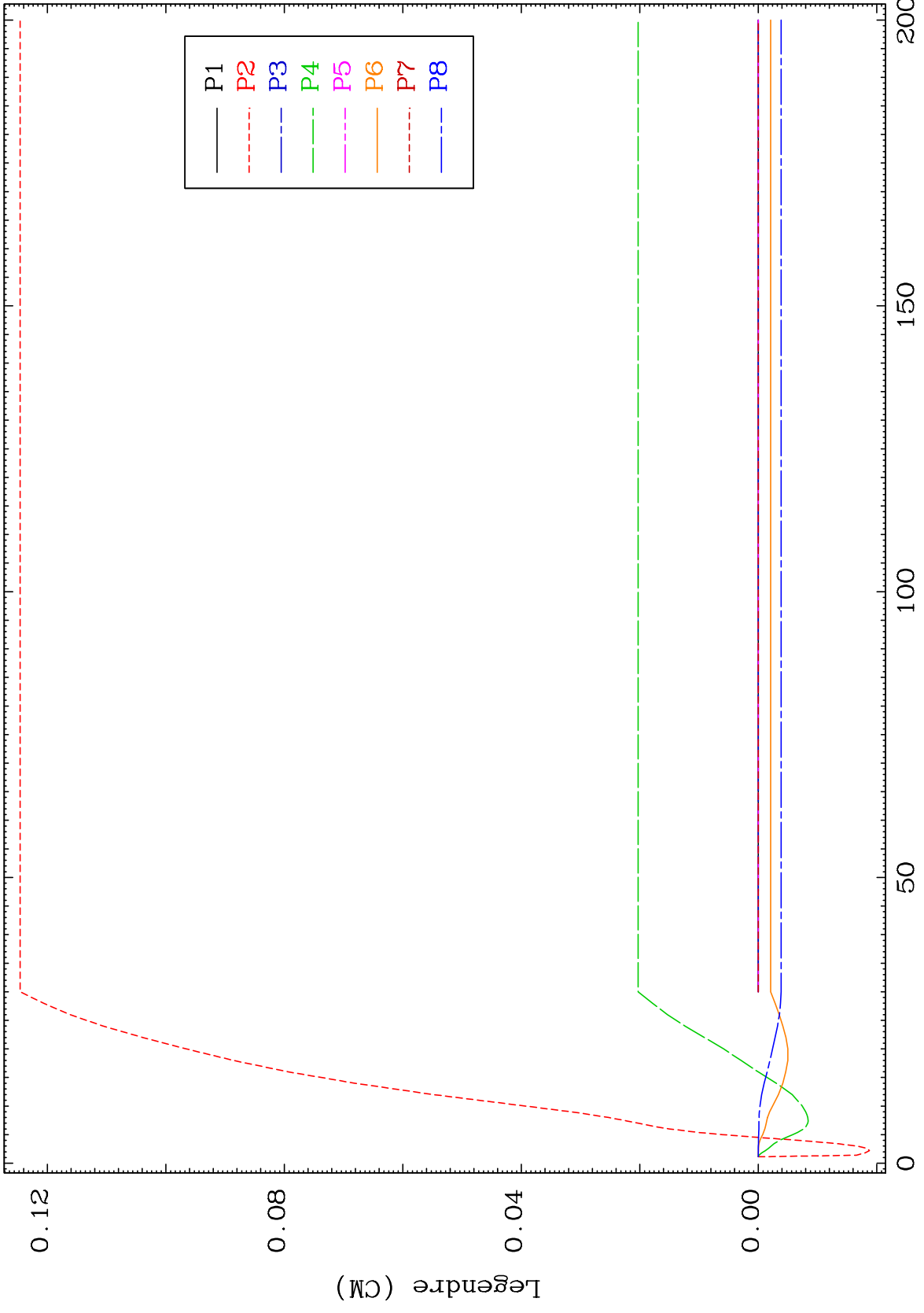


68

Incident Energy (MeV)

51-Sb-112

MAT 5098 MT= 66 (n,n') Level Legendre Coefficients 51-Sb-112

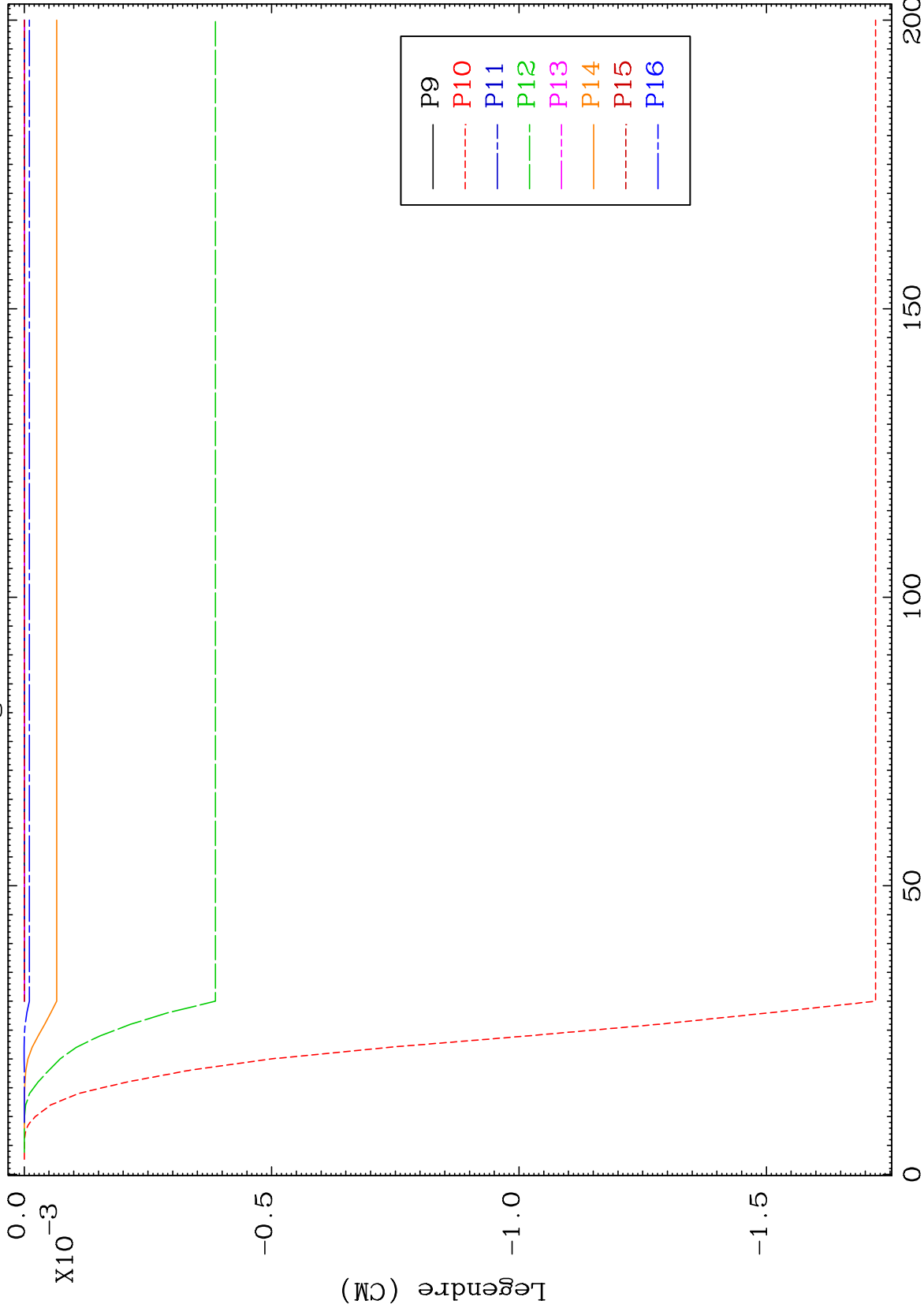


69 51-Sb-112

MAT 5098

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

51-Sb-112



70

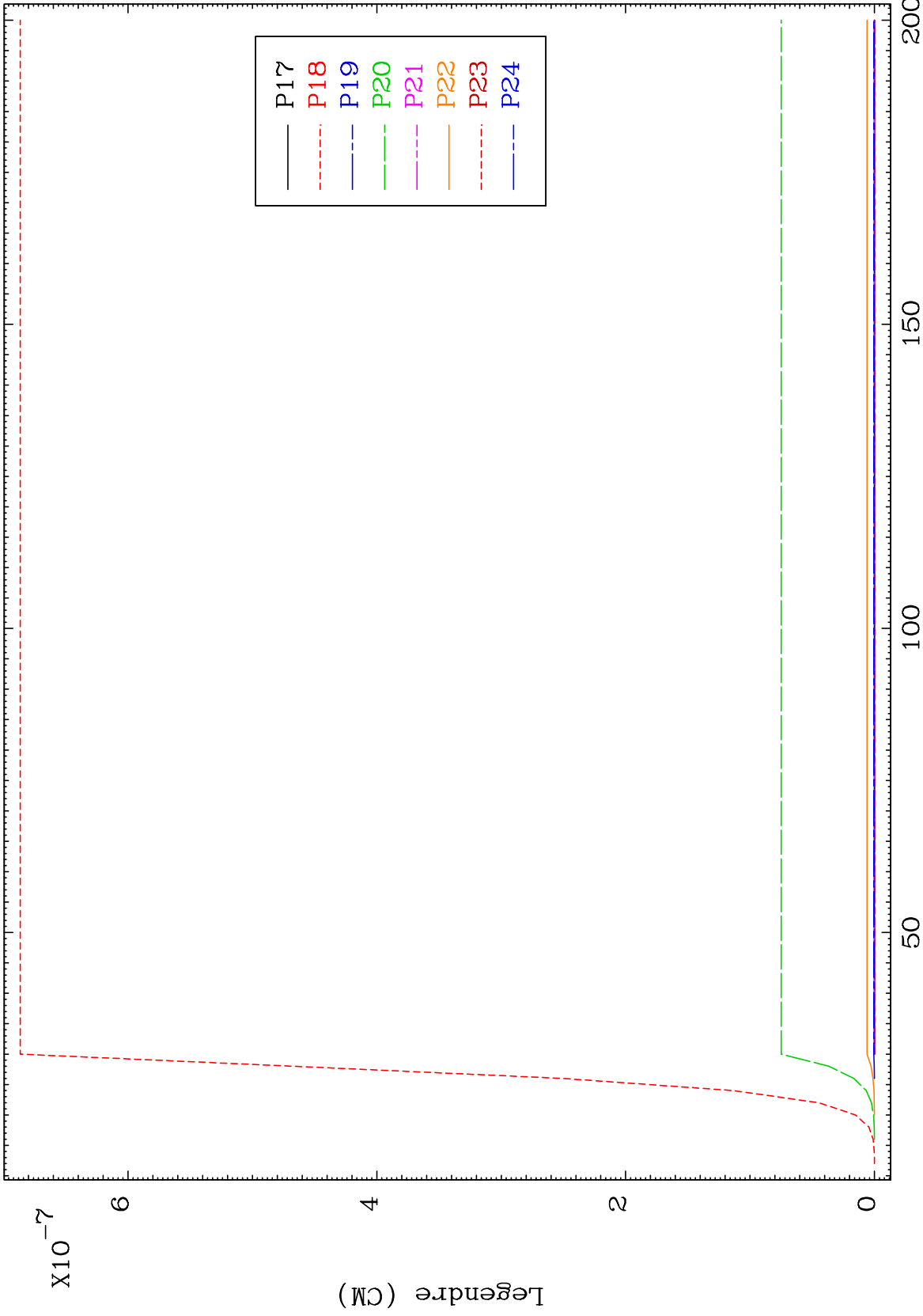
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



71

Incident Energy (MeV)

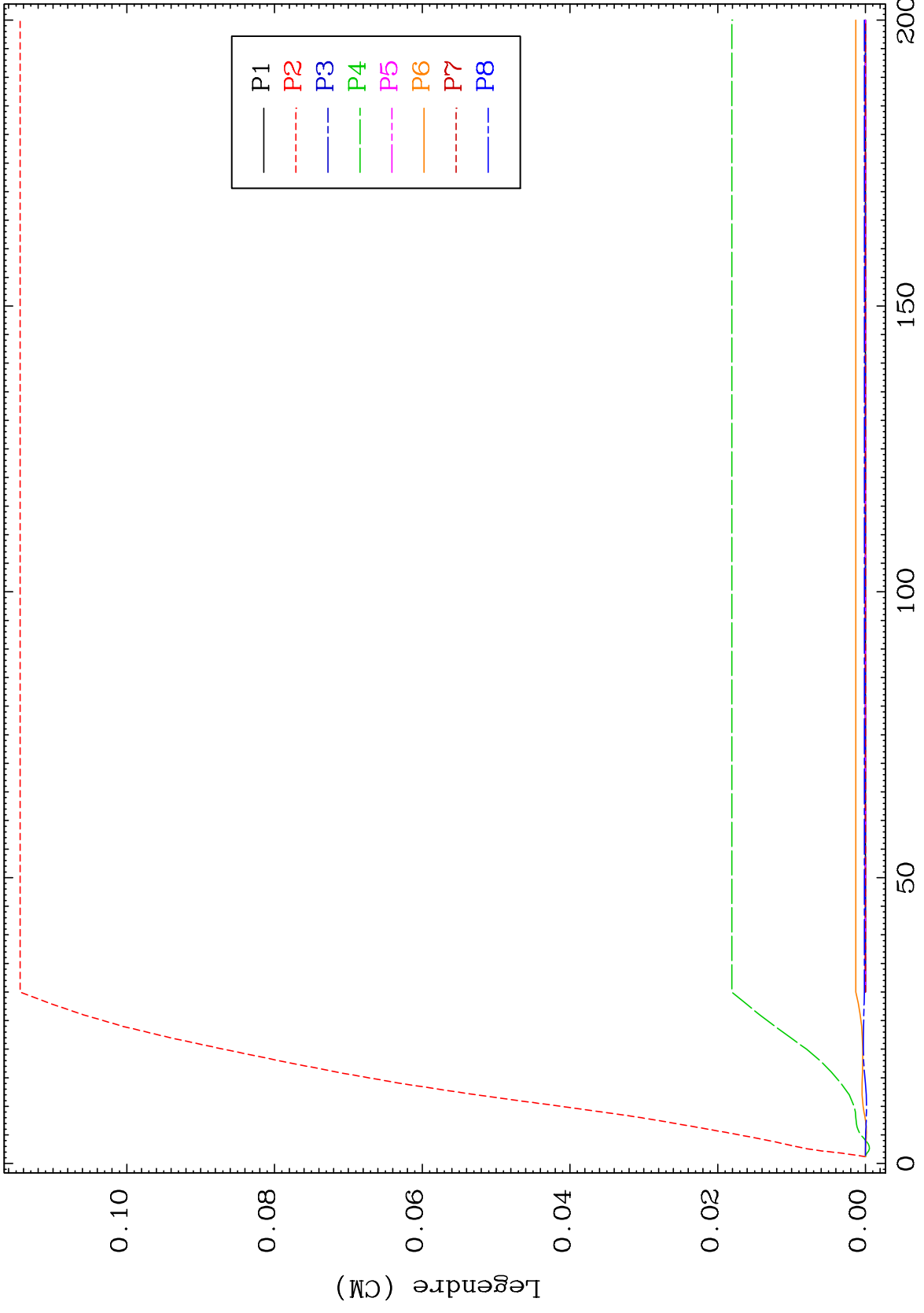
51-Sb-112



MAT 5098

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

51-Sb-112



72

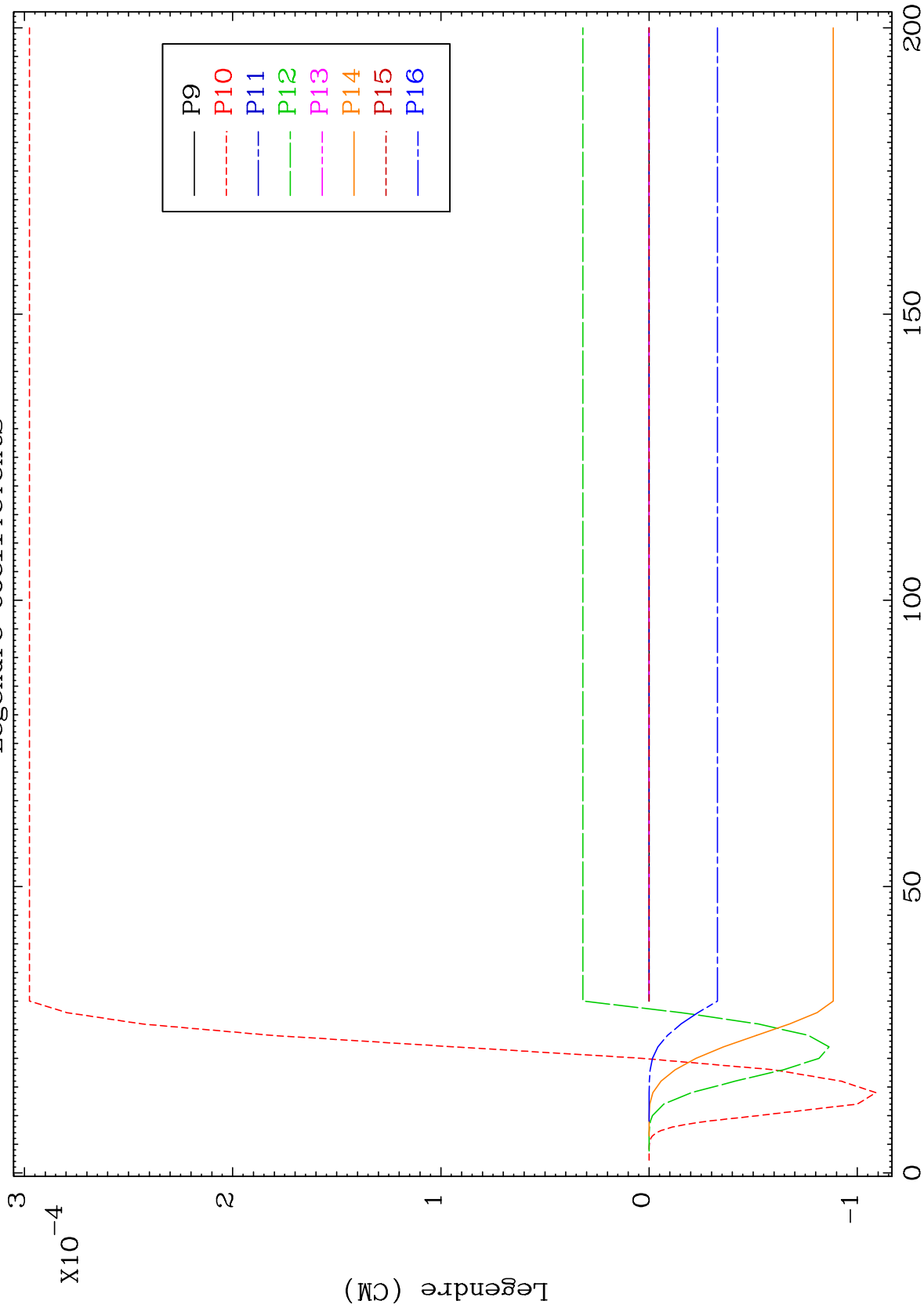
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



73

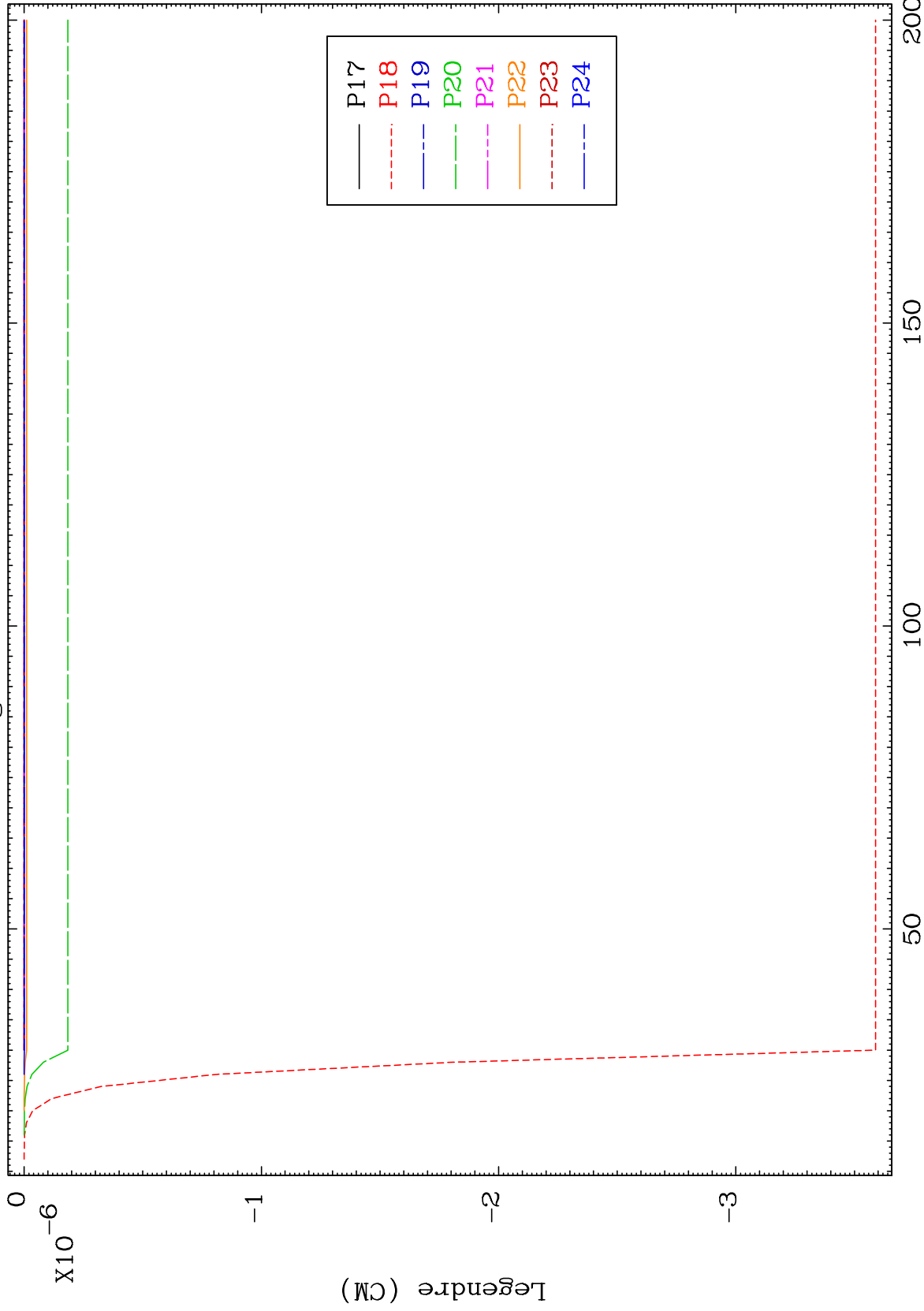
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



74

Incident Energy (MeV)

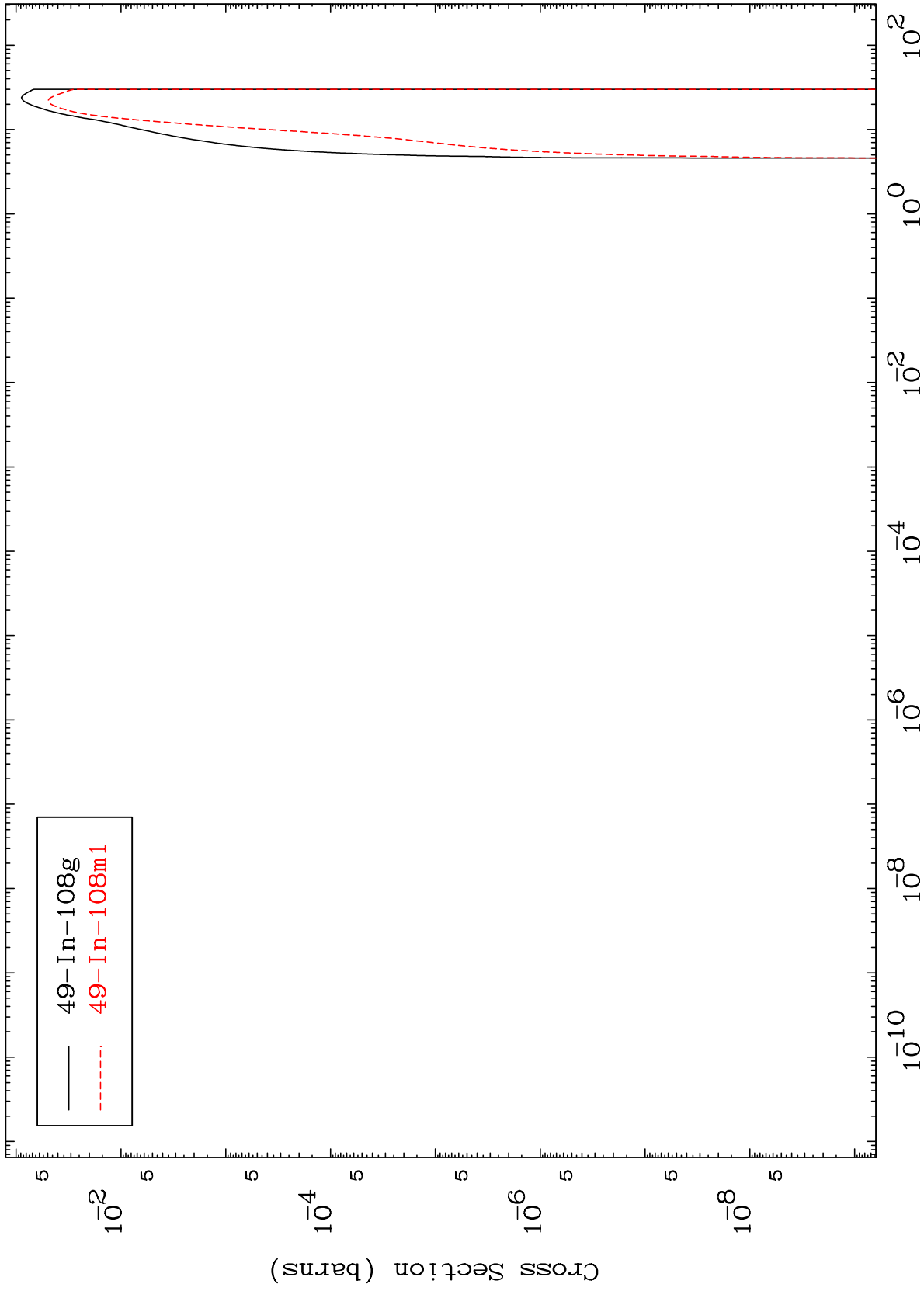
51-Sb-112

MAT 5098

(n,n')  $\alpha$

51-Sb-112

Radionuclide Production Cross Section



75

Incident Energy (MeV)

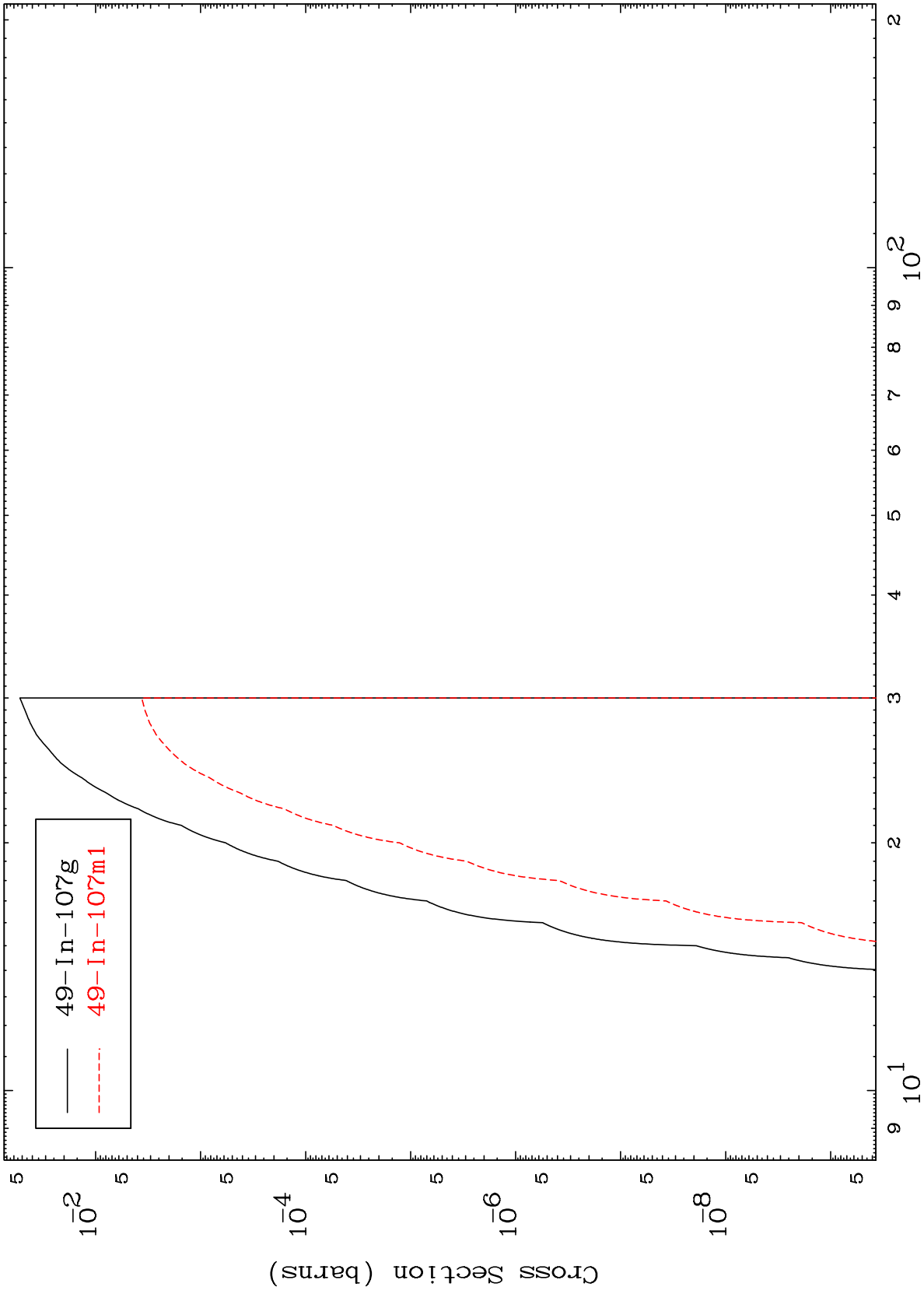
51-Sb-112

MAT 5098

(n,2n)  $\alpha$

51-Sb-112

Radionuclide Production Cross Section



76

Incident Energy (MeV)

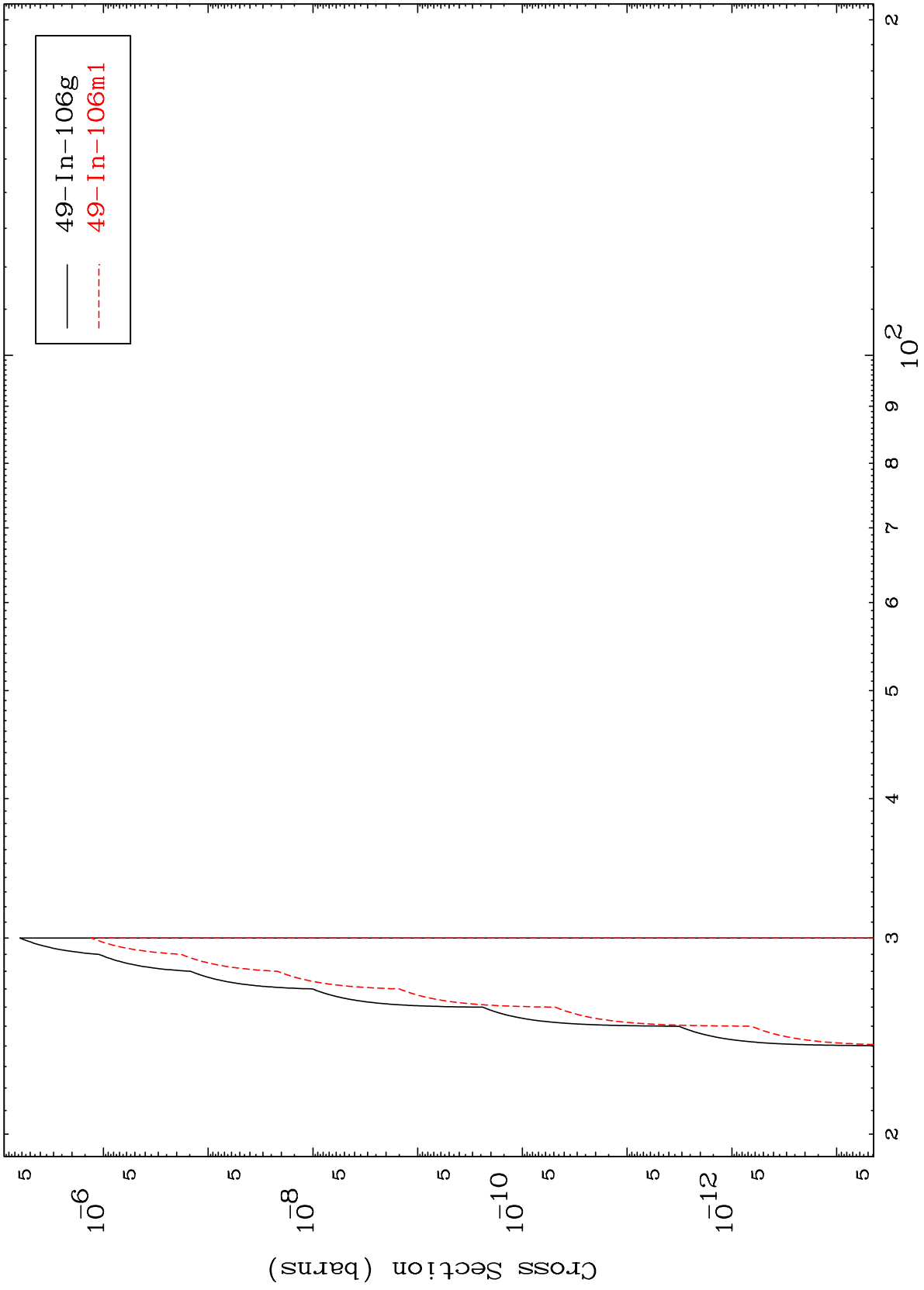
51-Sb-112

MAT 5098

(n,3n)  $\alpha$

51-Sb-112

Radionuclide Production Cross Section



77

Incident Energy (MeV)

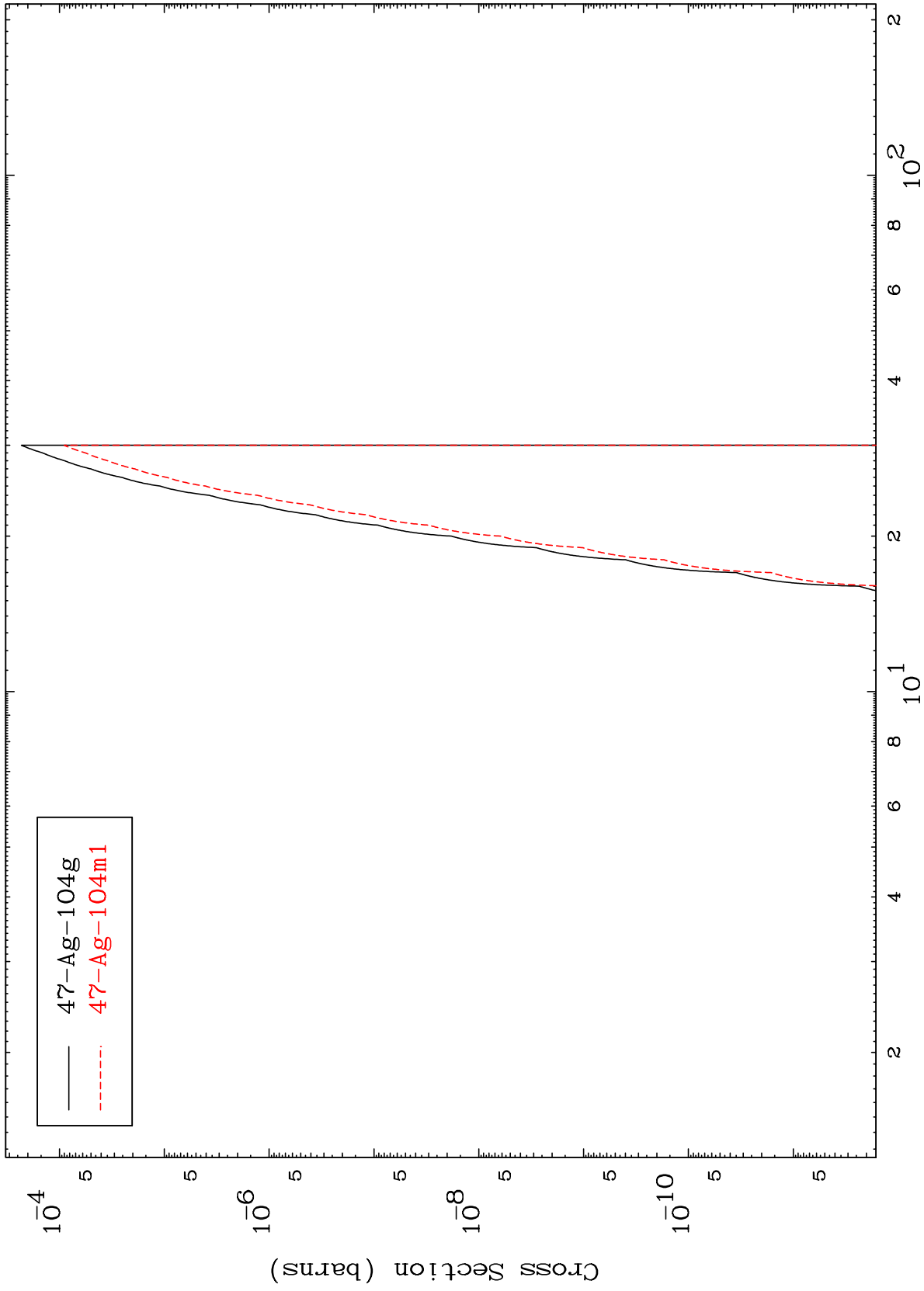
51-Sb-112

MAT 5098

(n,n') 2 $\alpha$

51-Sb-112

Radionuclide Production Cross Section



78

Incident Energy (MeV)

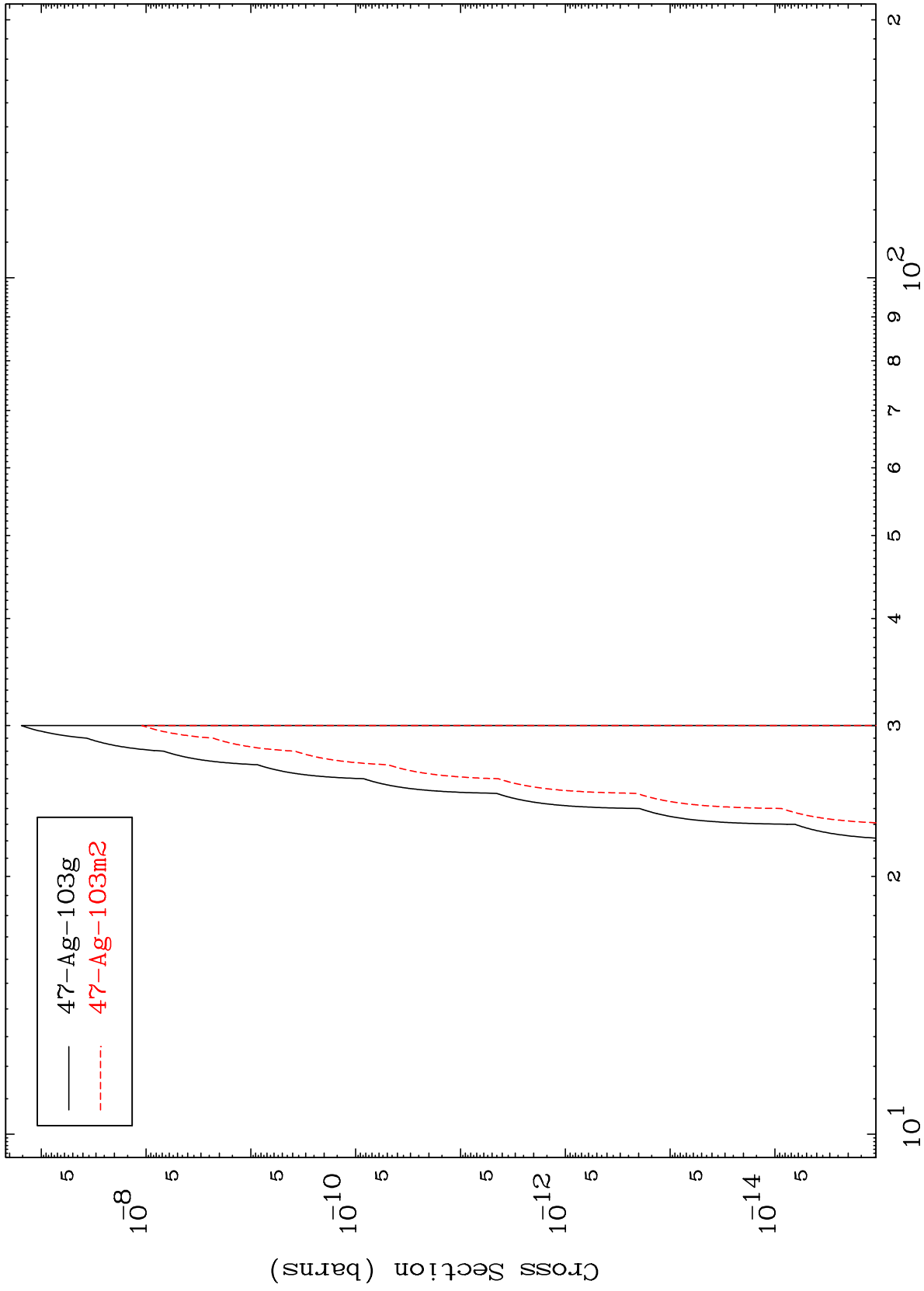
51-Sb-112

MAT 5098

(n,2n) 2 $\alpha$

51-Sb-112

Radionuclide Production Cross Section



79

Incident Energy (MeV)

51-Sb-112

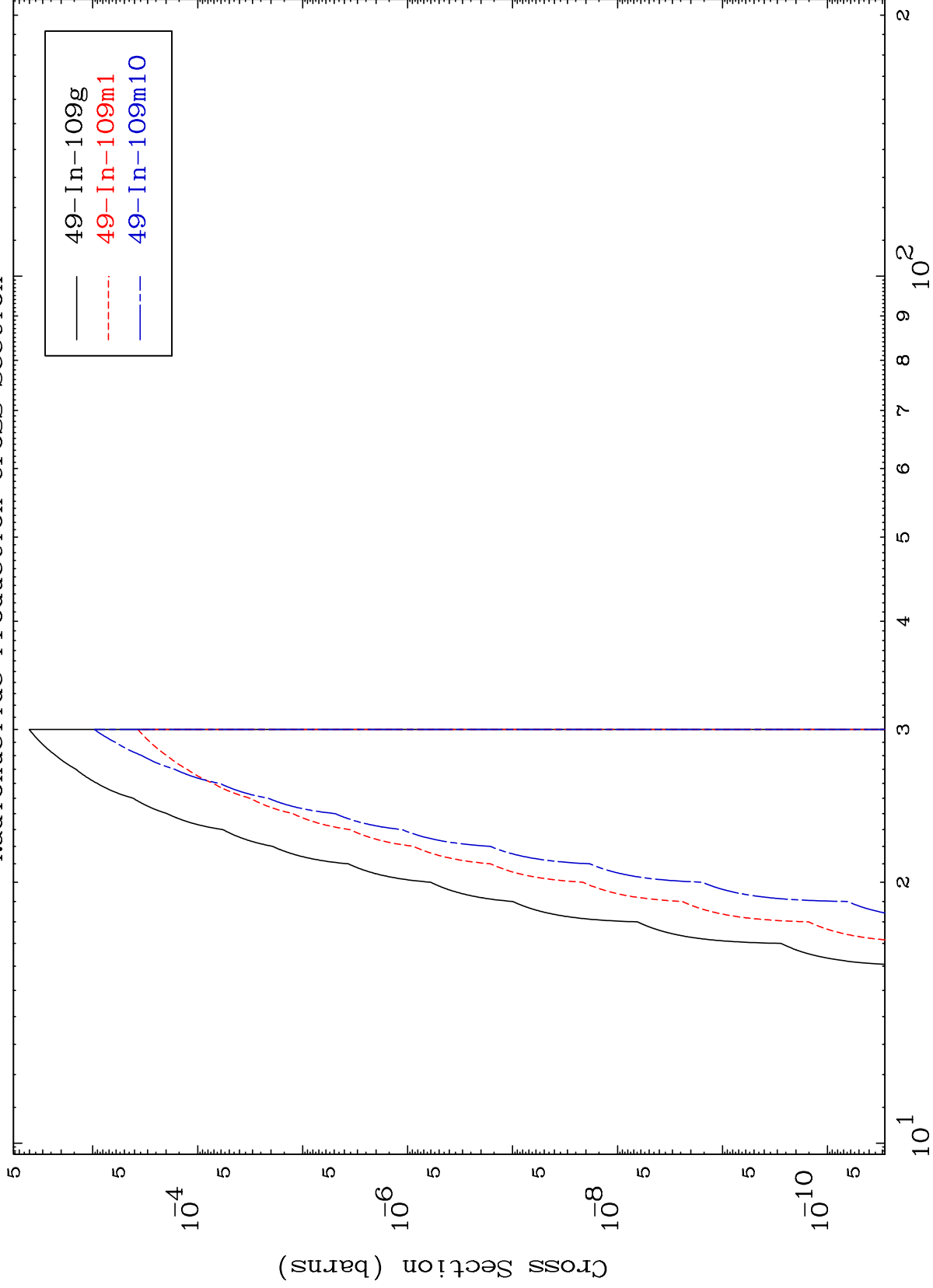


MAT 5098

(n, n') He-3

51-Sb-112

Radionuclide Production Cross Section



80

Incident Energy (MeV)

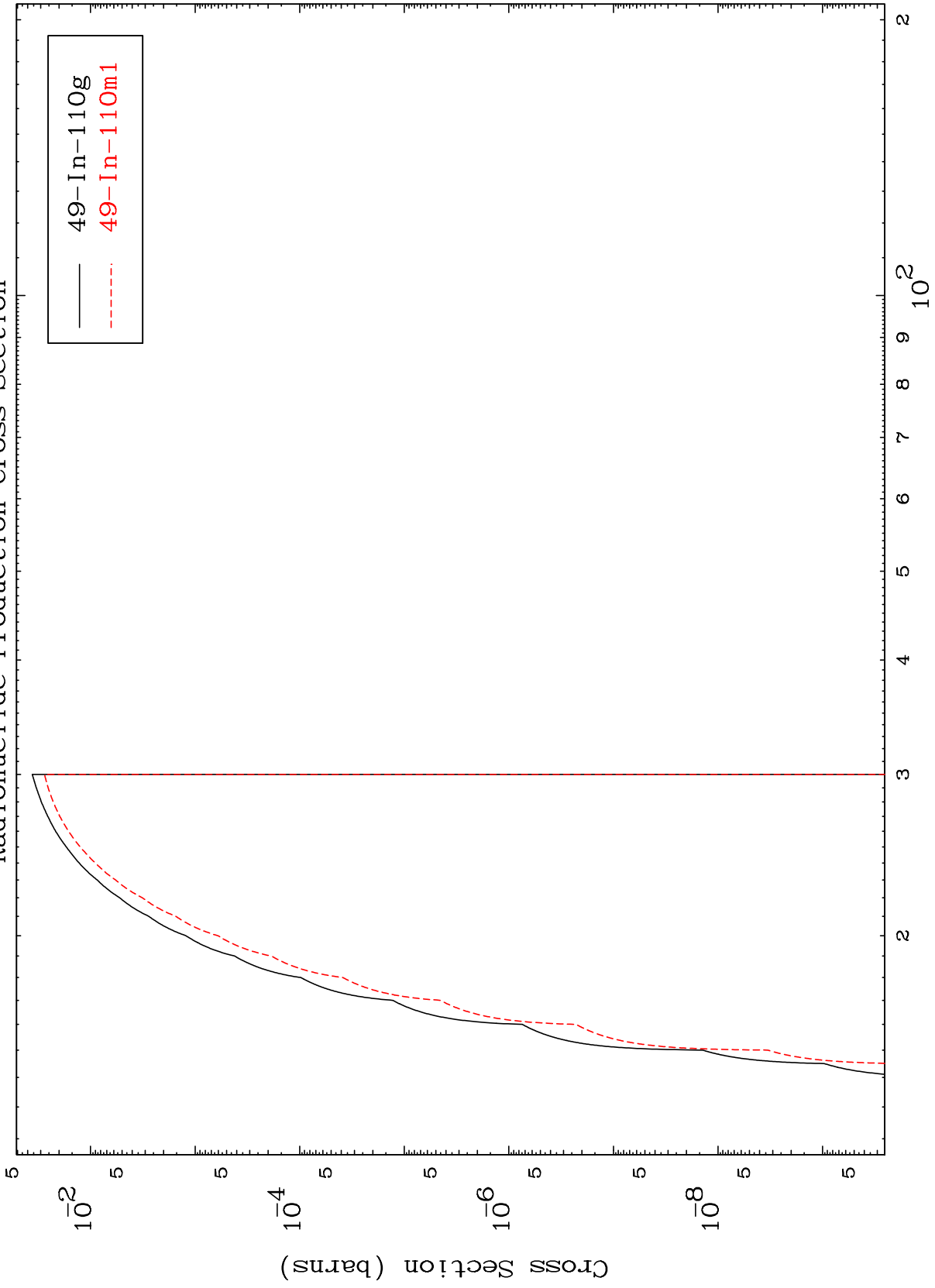
51-Sb-112

MAT 5098

(n,2n) p

51-Sb-112

Radionuclide Production Cross Section



81

Incident Energy (MeV)

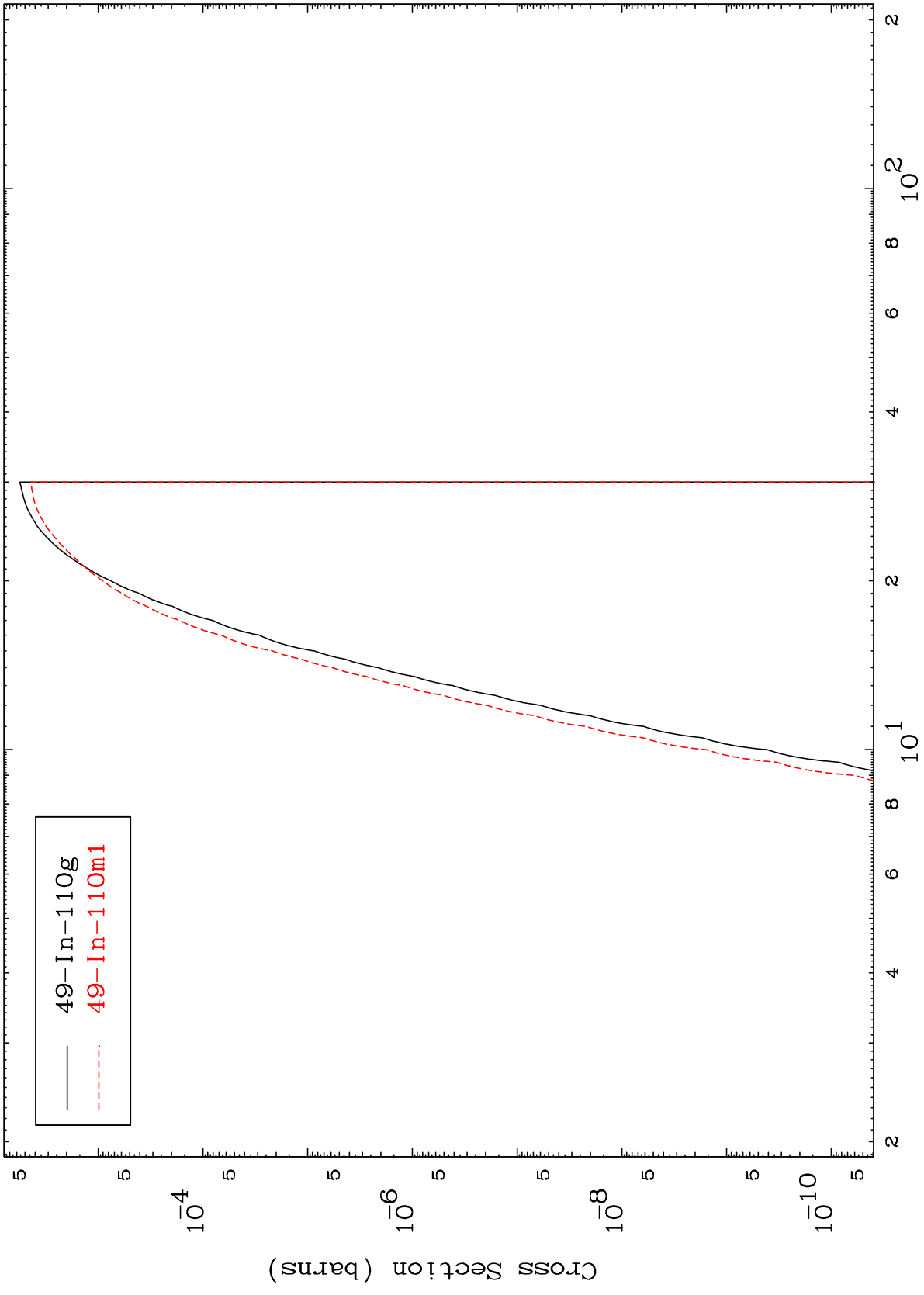
51-Sb-112

MAT 5098

(n, He-3)

51-Sb-112

Radionuclide Production Cross Section



82

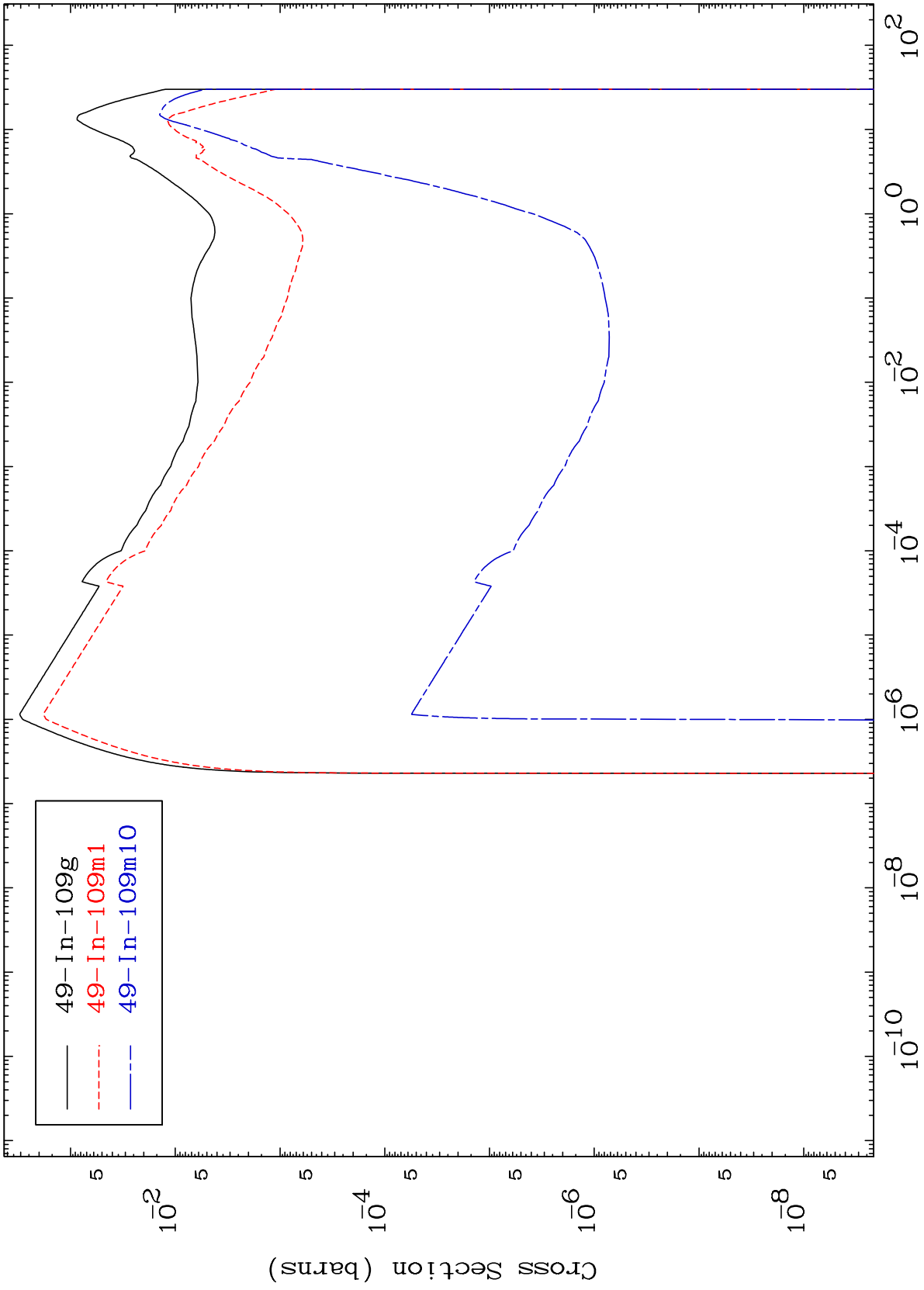
Incident Energy (MeV)

51-Sb-112

MAT 5098

51-Sb-112

Radionuclide Production Cross Section



83

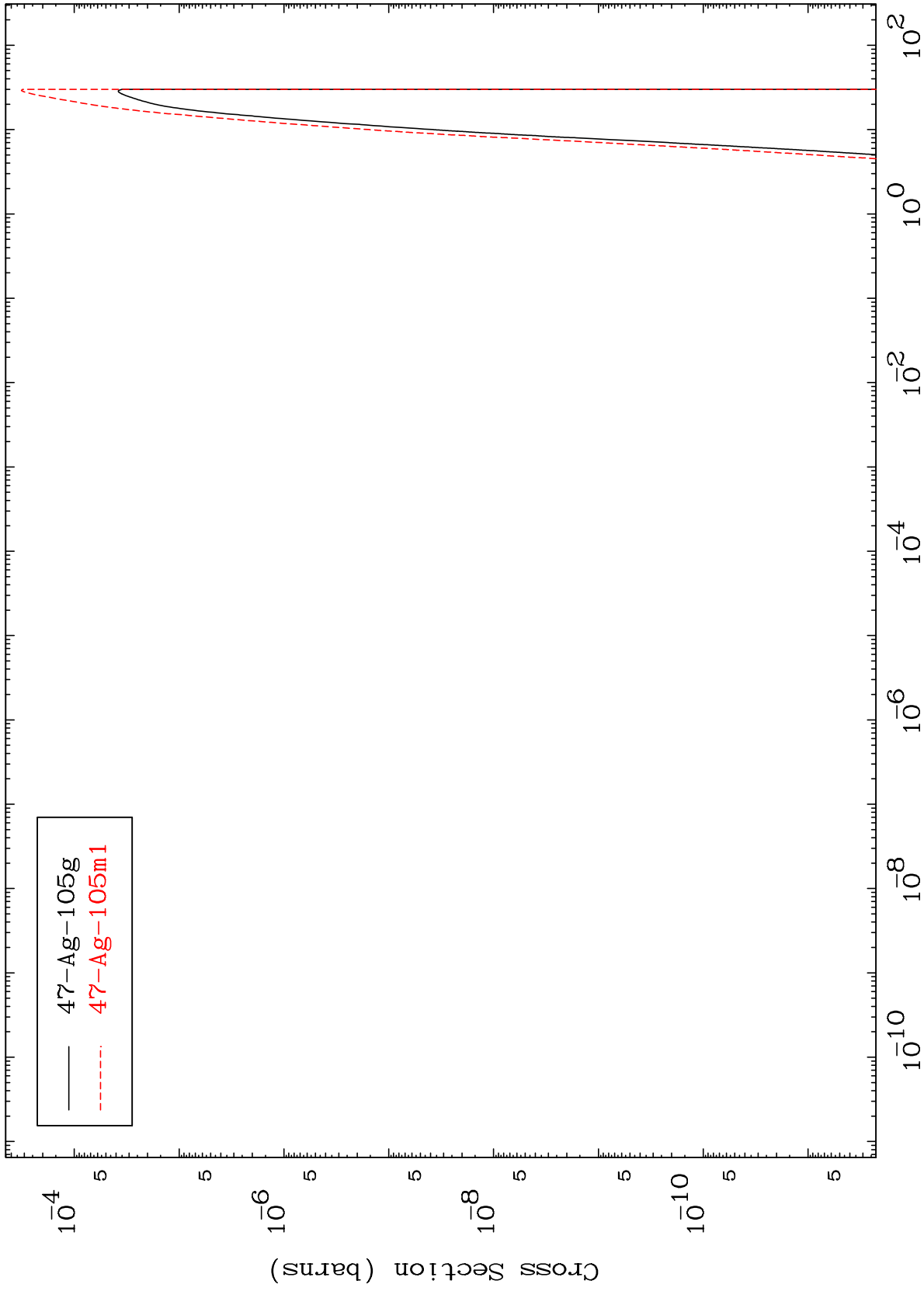
51-Sb-112

MAT 5098

(n,2α)

51-Sb-112

Radionuclide Production Cross Section



84

Incident Energy (MeV)

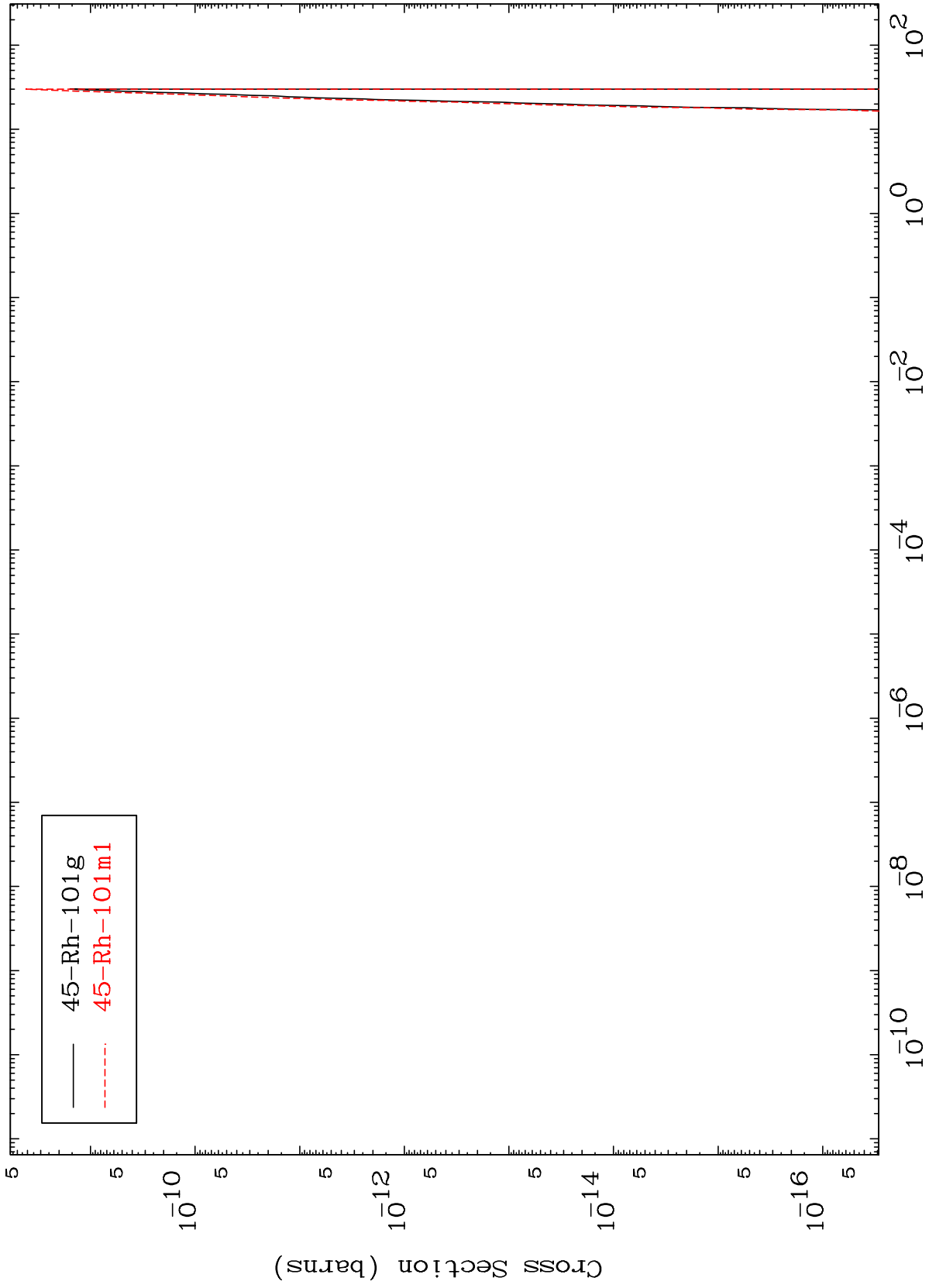
51-Sb-112

MAT 5098

(n,3α)

51-Sb-112

Radionuclide Production Cross Section



85

Incident Energy (MeV)

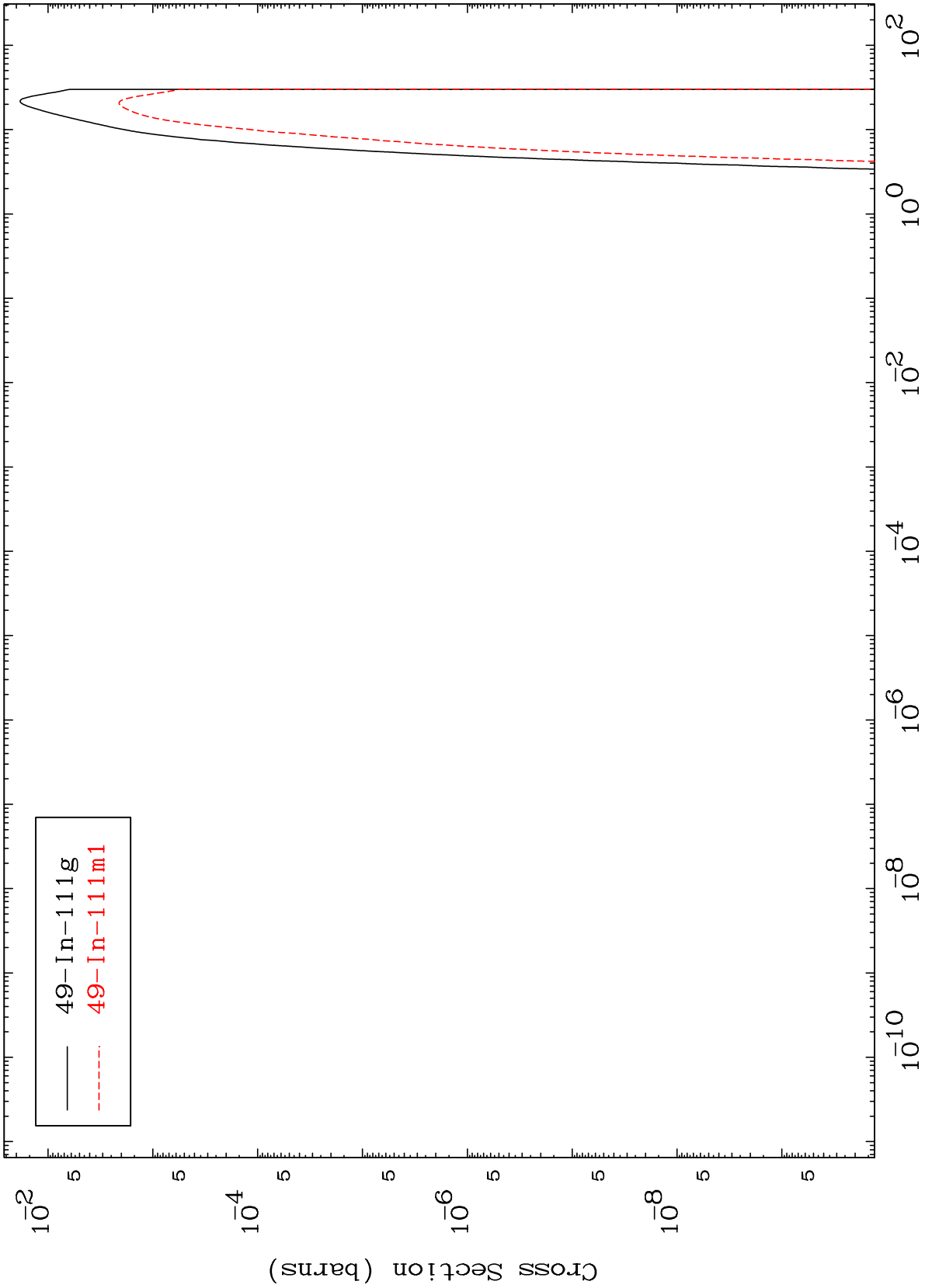
51-Sb-112

MAT 5098

(n,2p)

51-Sb-112

Radionuclide Production Cross Section



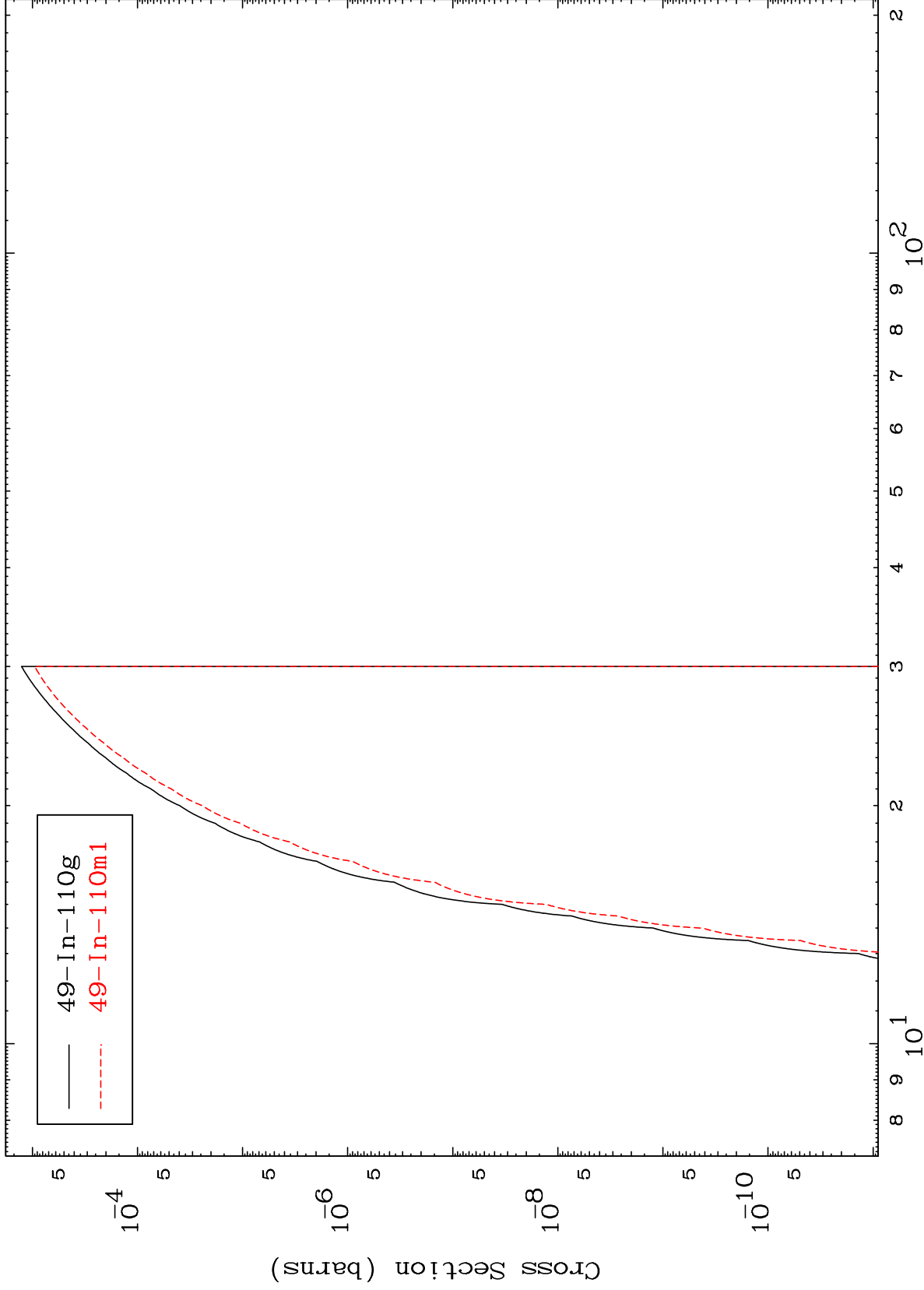
— 49-In-111g  
- - - 49-In-111m1

MAT 5098

(n,p) d

51-Sb-112

Radionuclide Production Cross Section



87

Incident Energy (MeV)

51-Sb-112

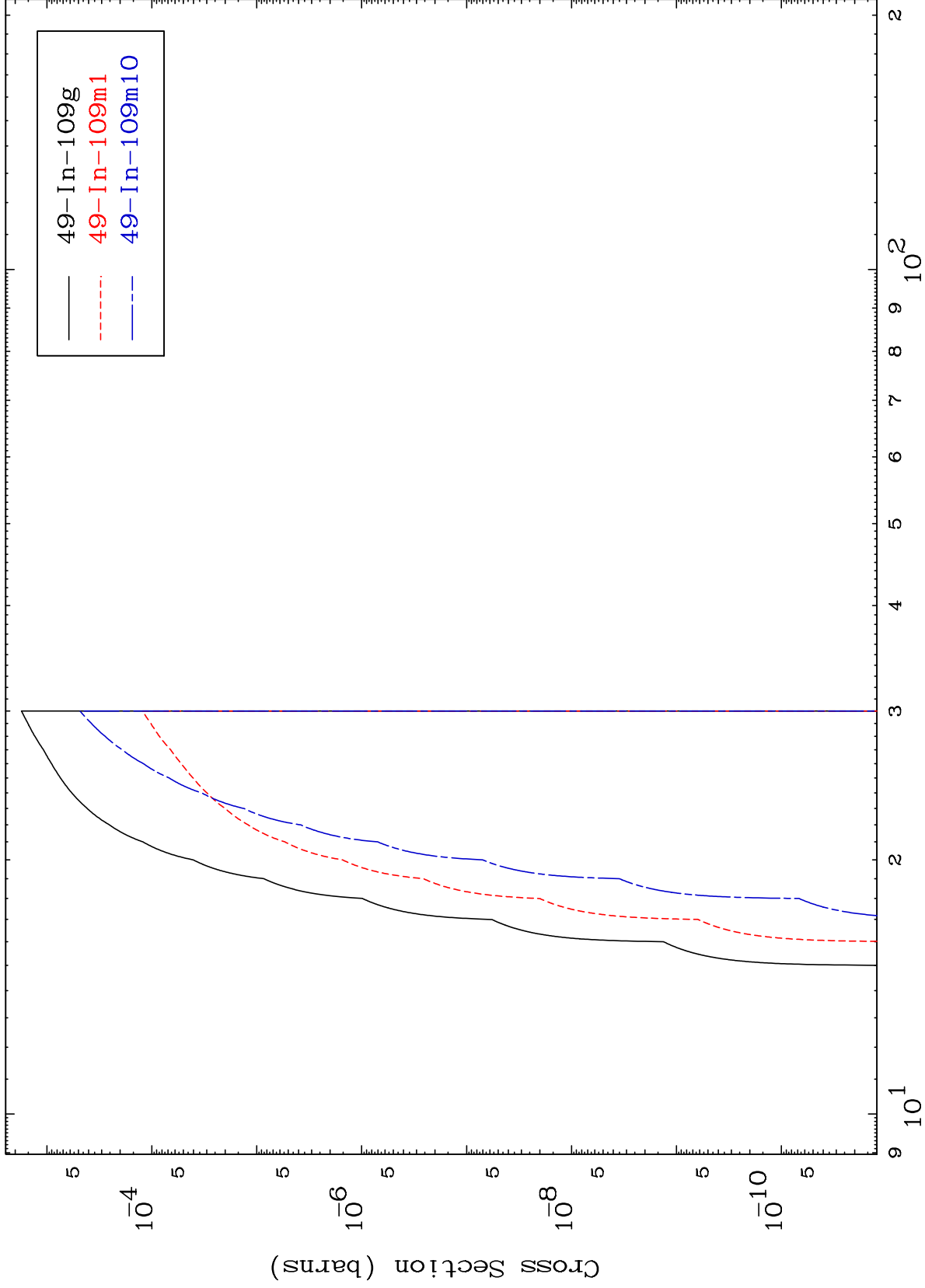


MAT 5098

(n,p) t

51-Sb-112

Radionuclide Production Cross Section



88

Incident Energy (MeV)

51-Sb-112