

Program EVALPLOT  
(Version 2018-1)

by

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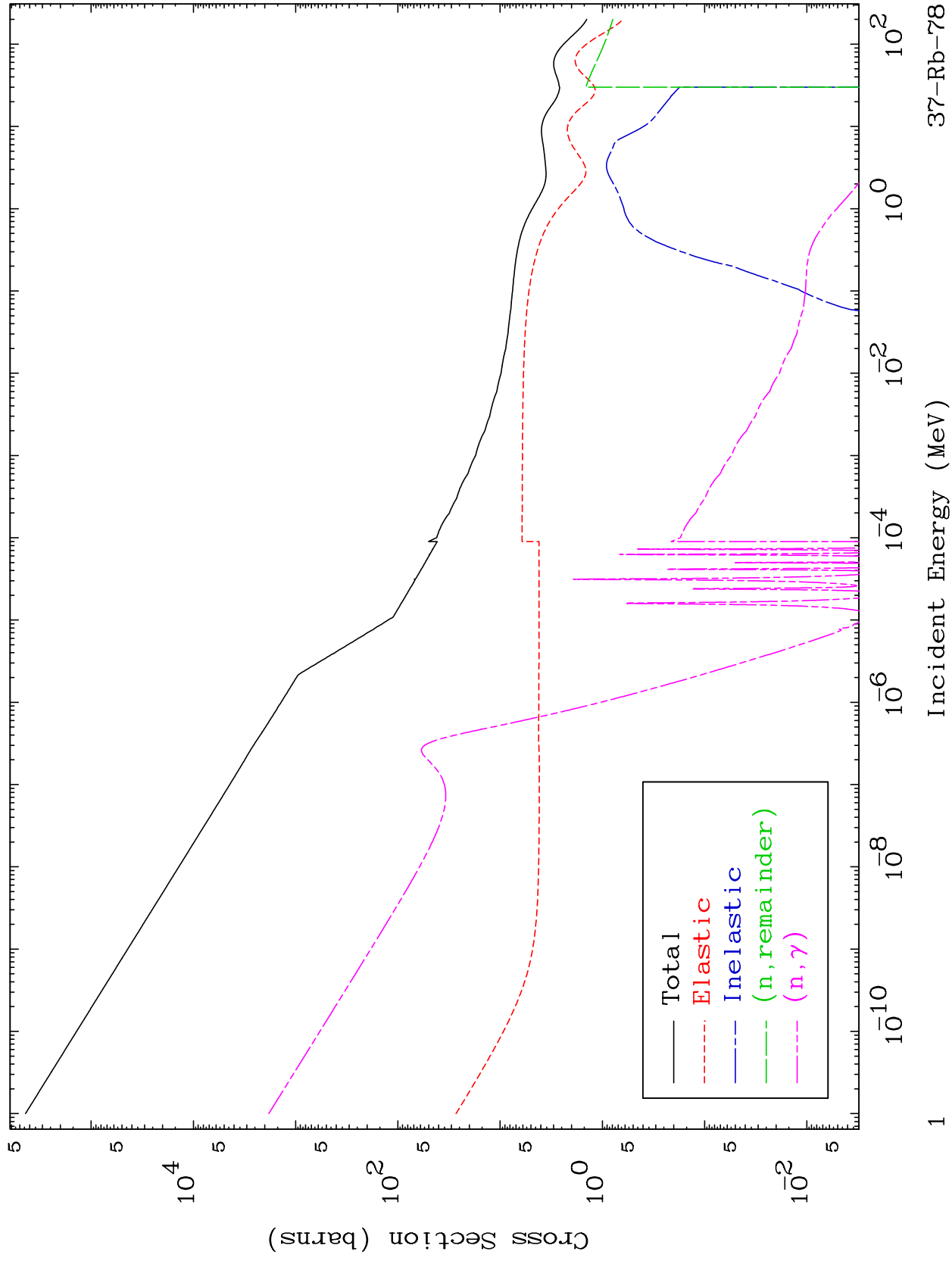
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

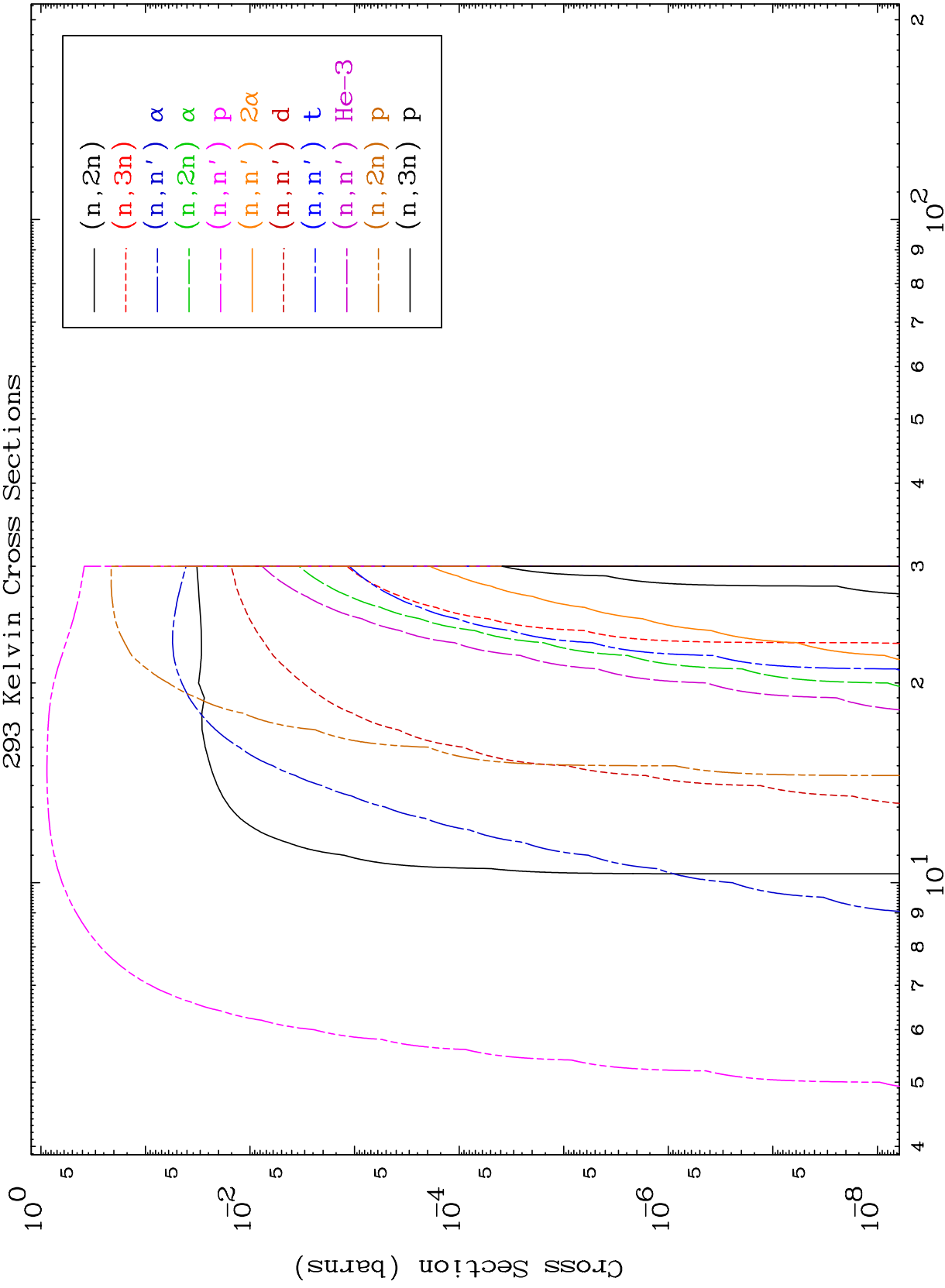
Press Mouse Button to Start

MAT 3704

Major  
293 Kelvin Cross Sections

37-Rb-78

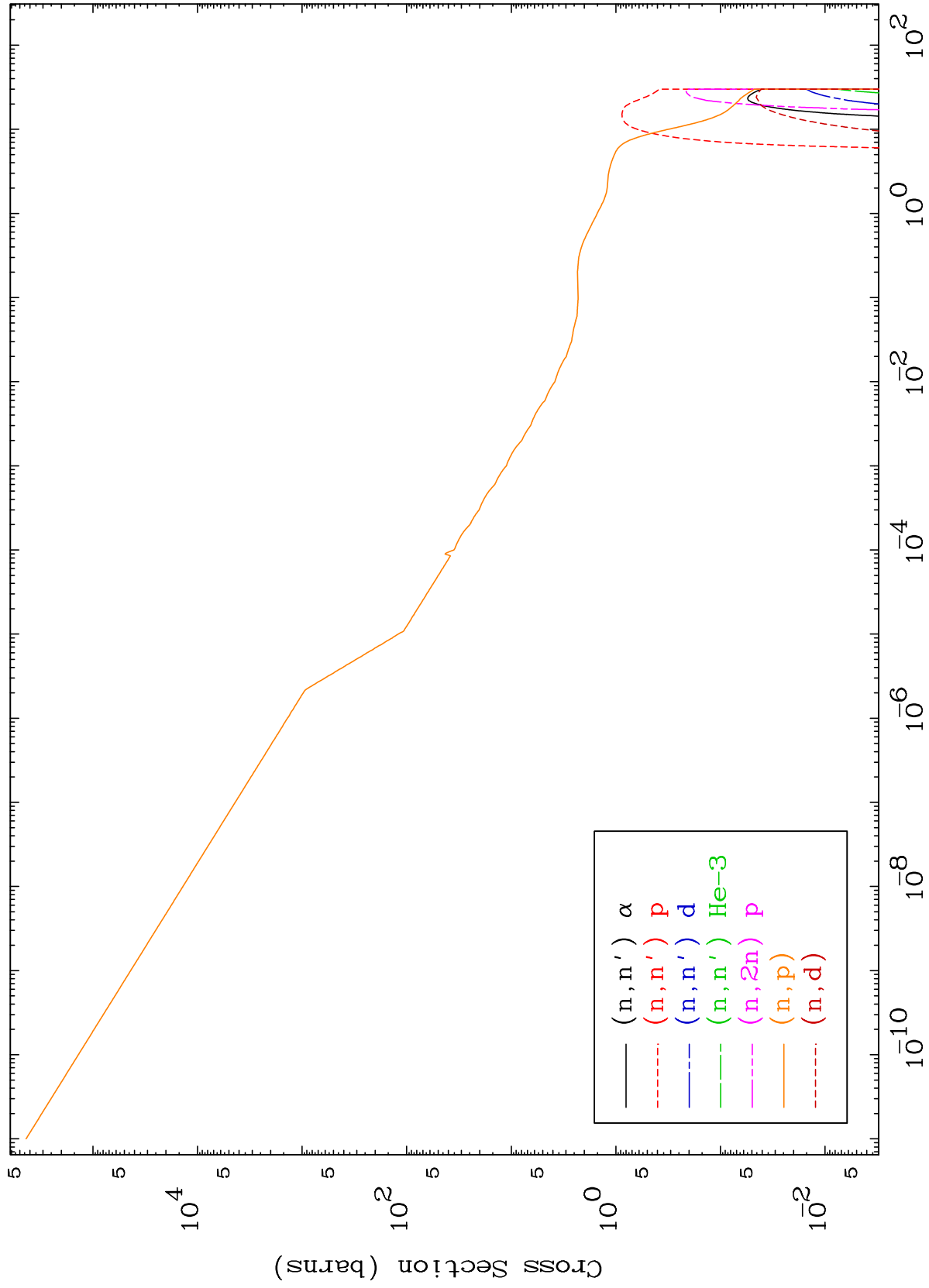




MAT 3704

Charged Particle  
293 Kelvin Cross Sections

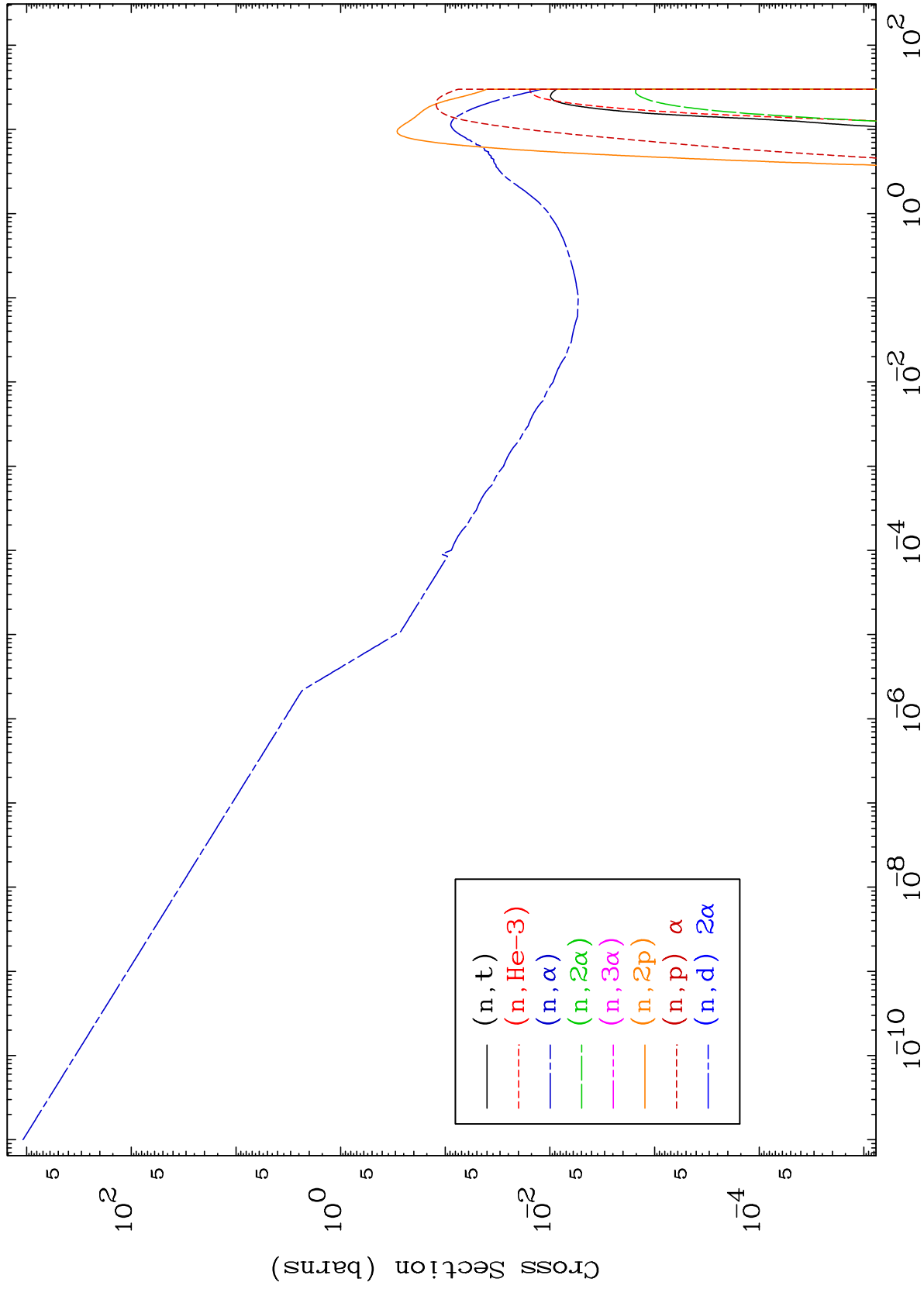
37-Rb-78



MAT 3704

Charged Particle  
293 Kelvin Cross Sections

37-Rb-78

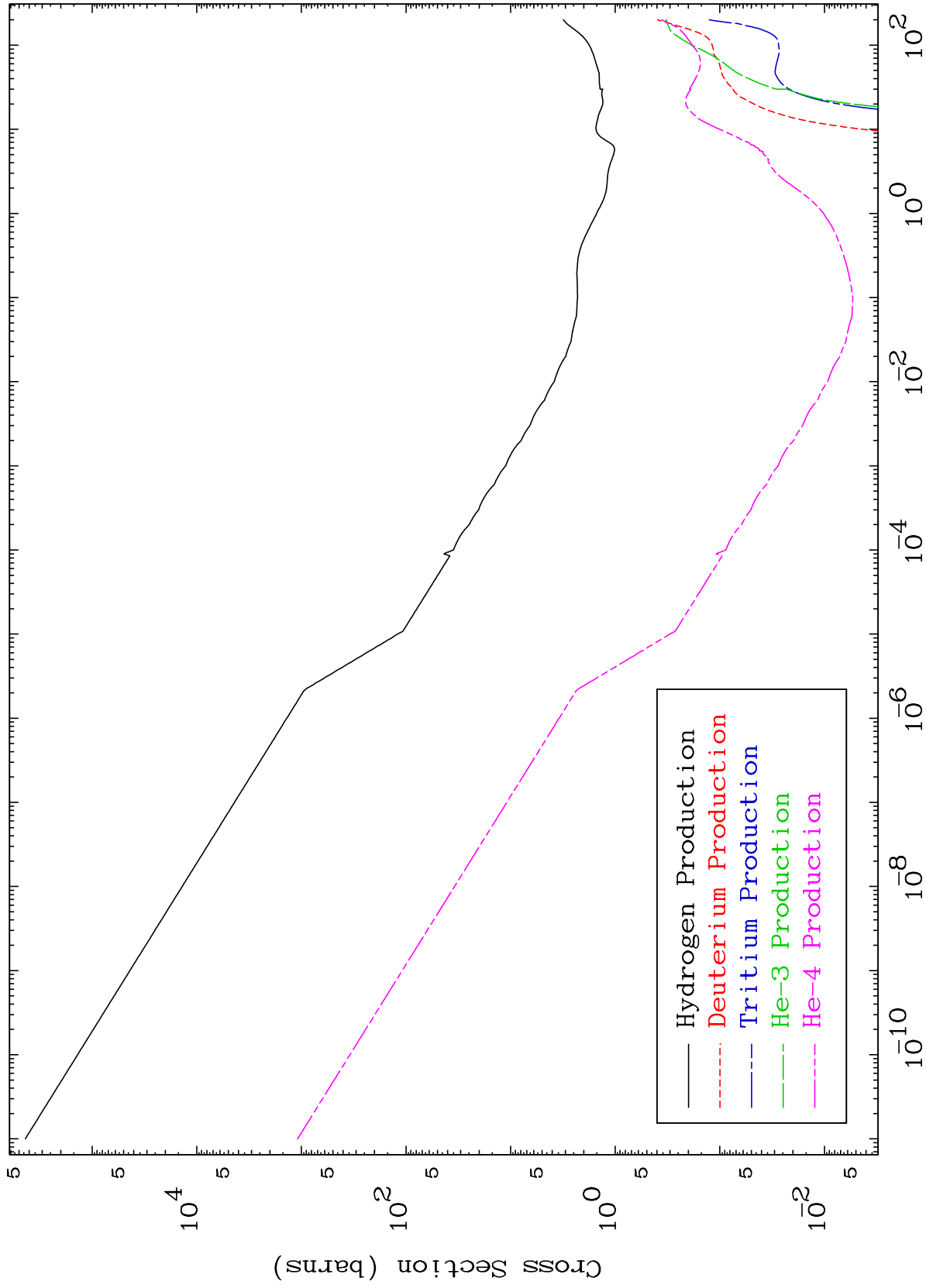


37-Rb-78

MAT 3704

Particle Production  
293 Kelvin Cross Sections

37-Rb-78



5

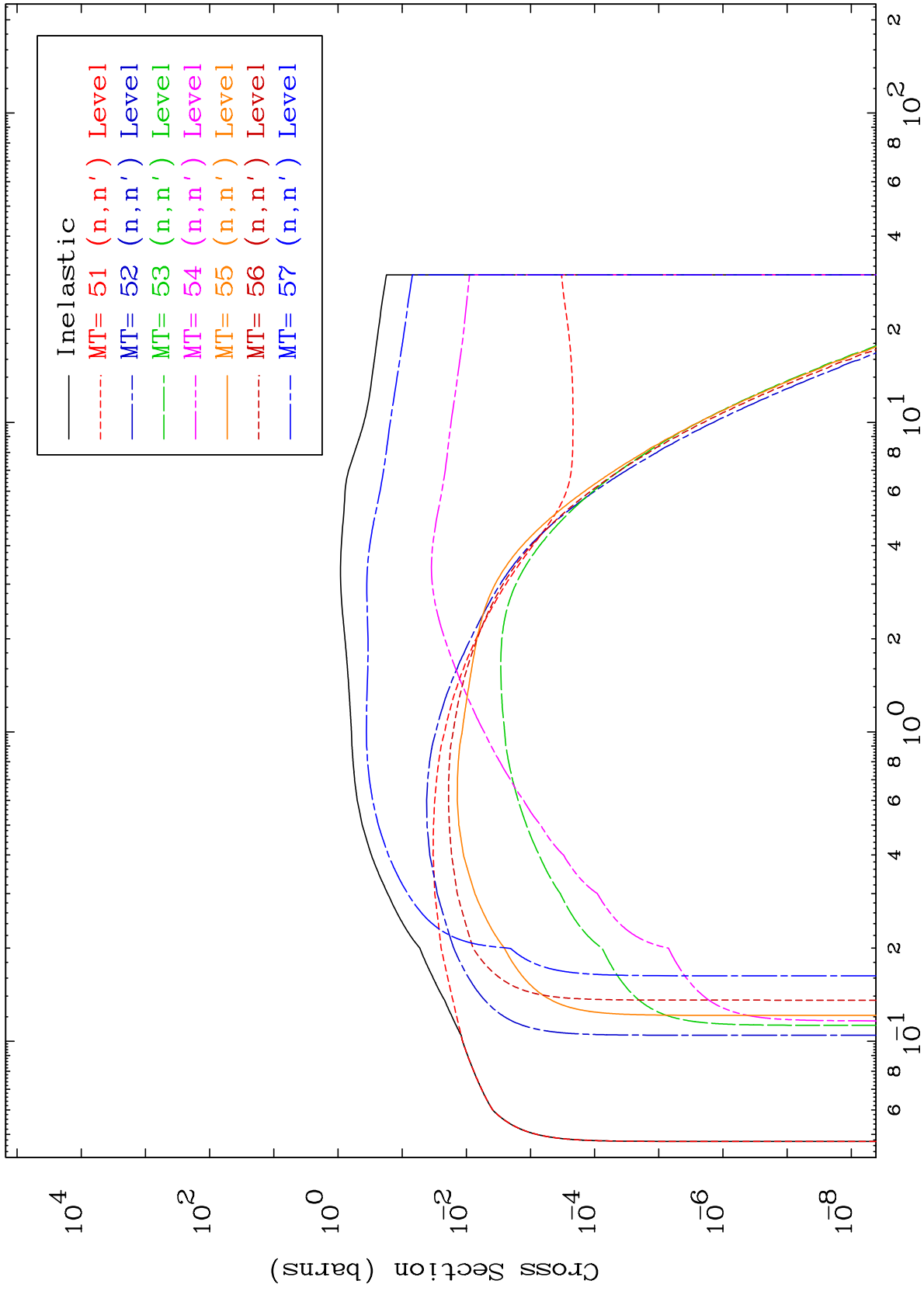
Incident Energy (MeV)

37-Rb-78

MAT 3704

(n,n') Level  
293 Kelvin Cross Sections

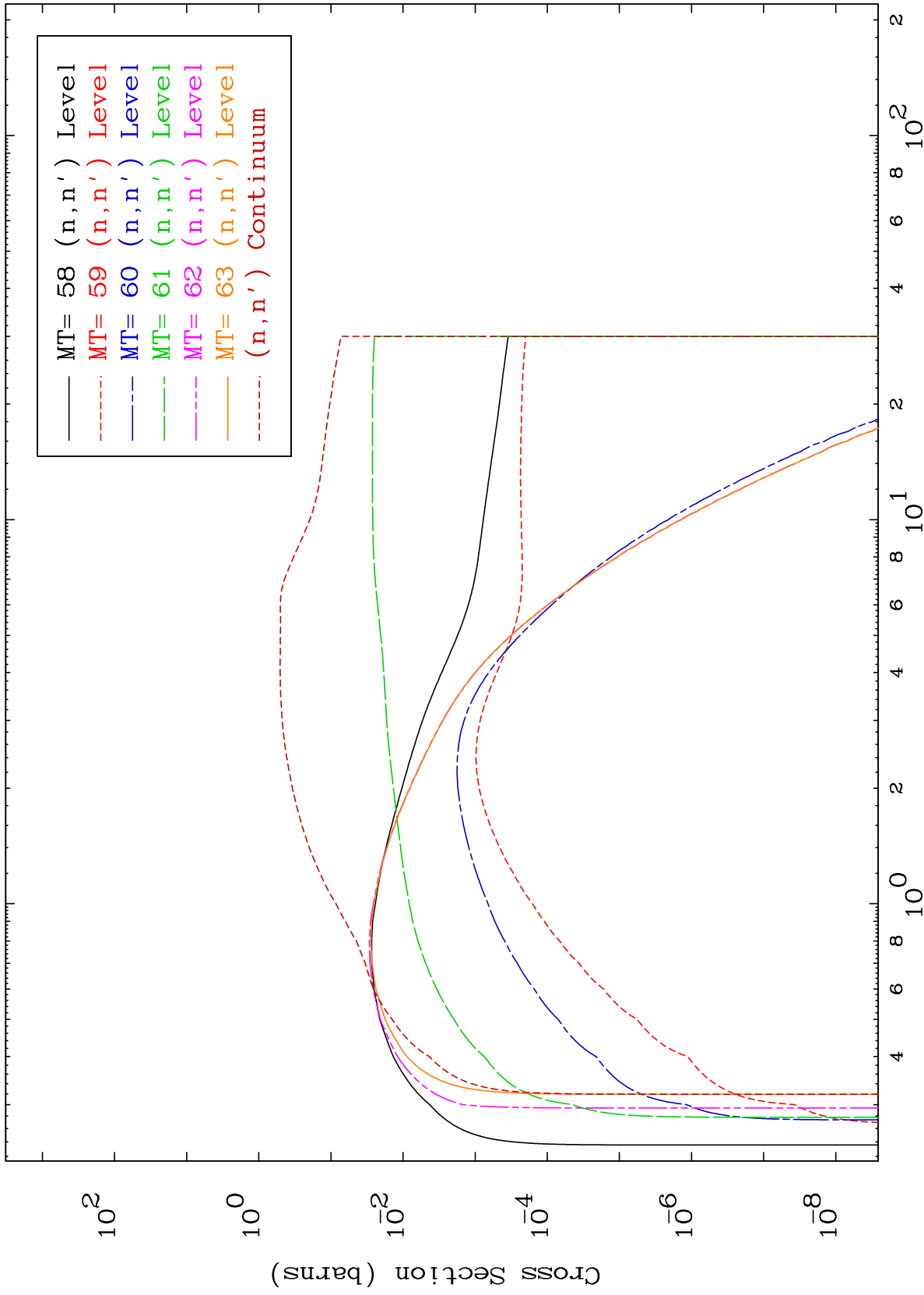
37-Rb-78



6

Incident Energy (MeV)

37-Rb-78

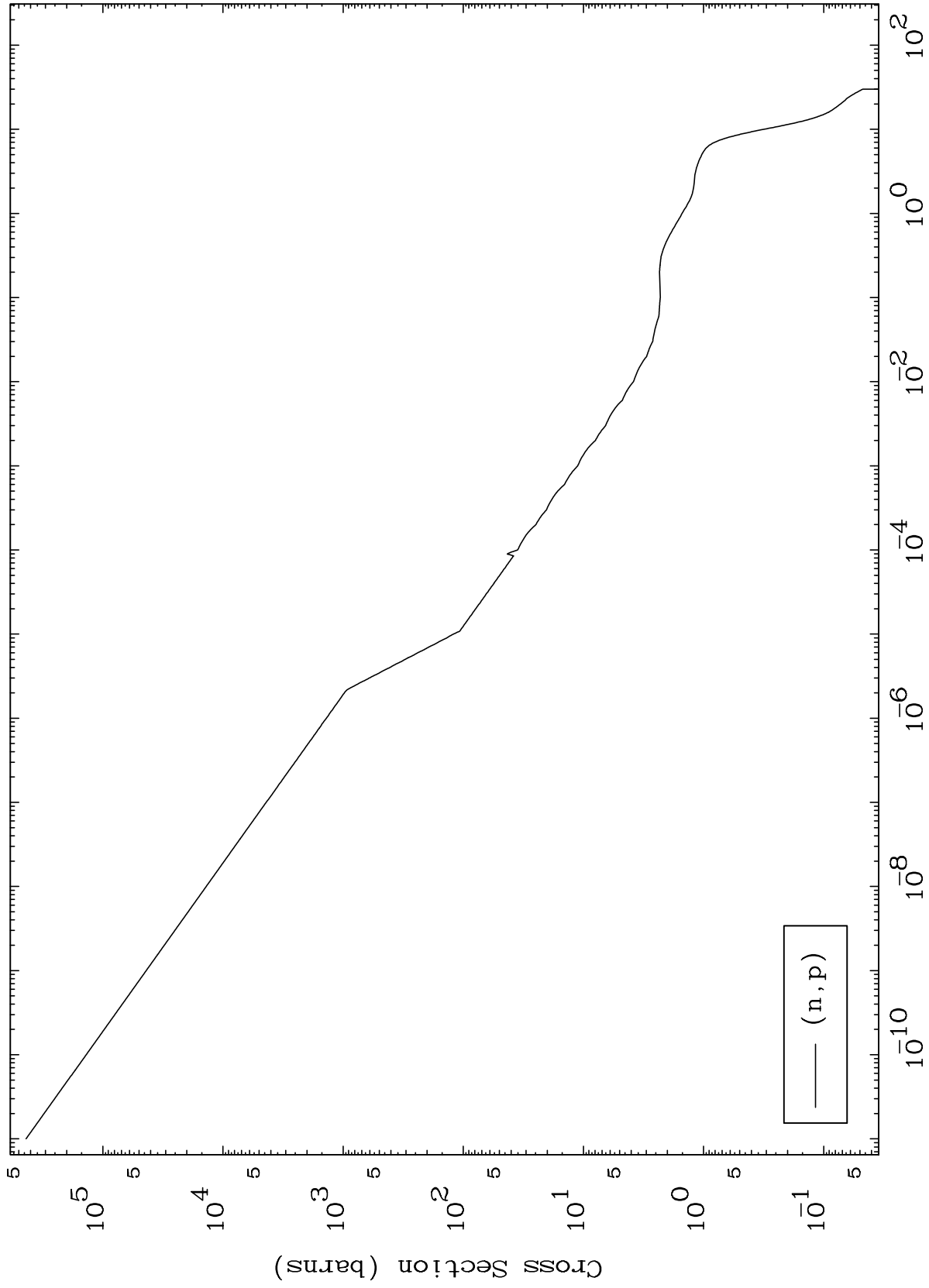




MAT 3704

(n,p) Levels  
293 Kelvin Cross Sections

37-Rb-78



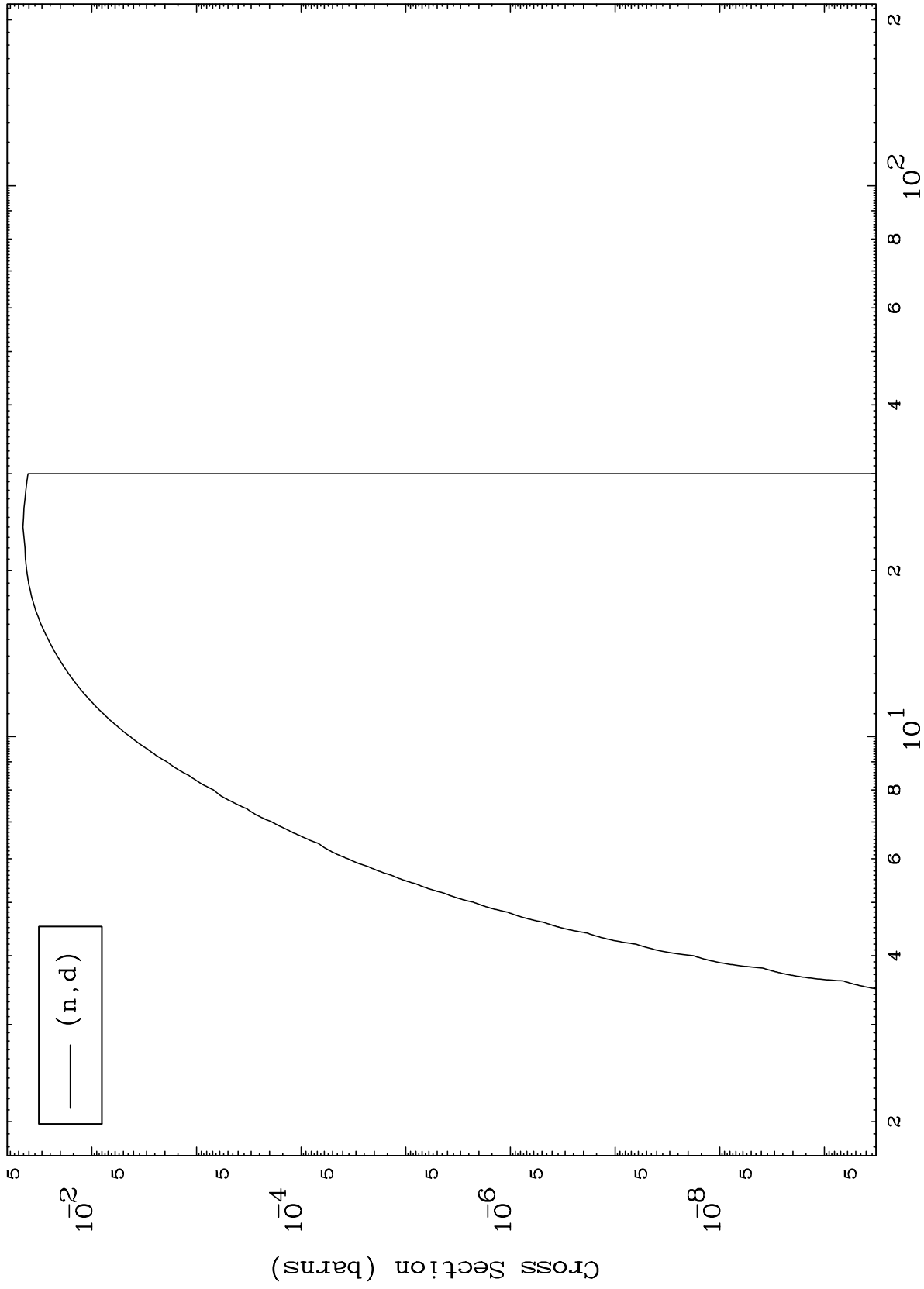
8

37-Rb-78

MAT 3704

(n,d) Levels  
293 Kelvin Cross Sections

37-Rb-78



9

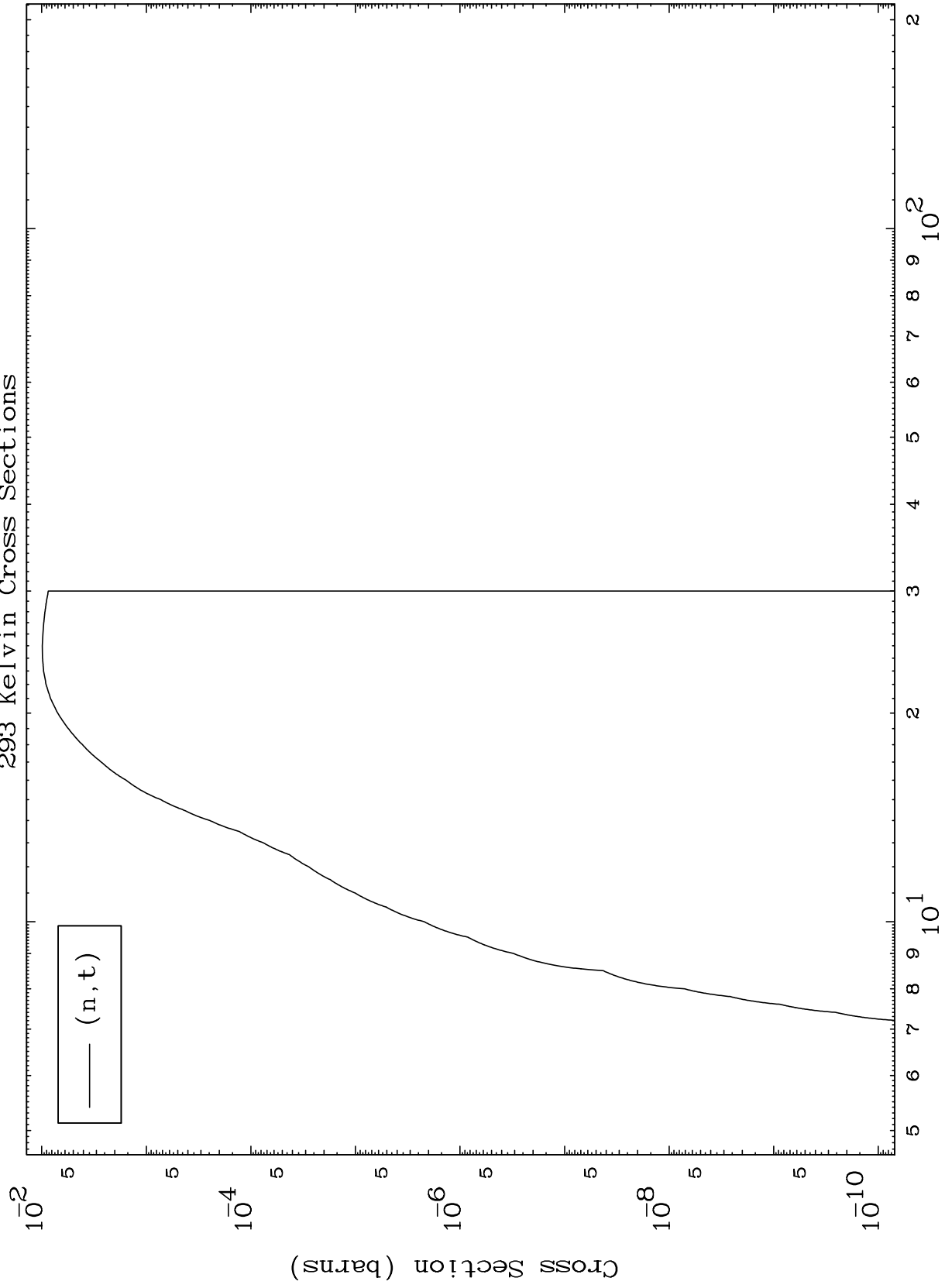
Incident Energy (MeV)

37-Rb-78

MAT 3704

(n,t) Levels  
293 Kelvin Cross Sections

37-Rb-78



10

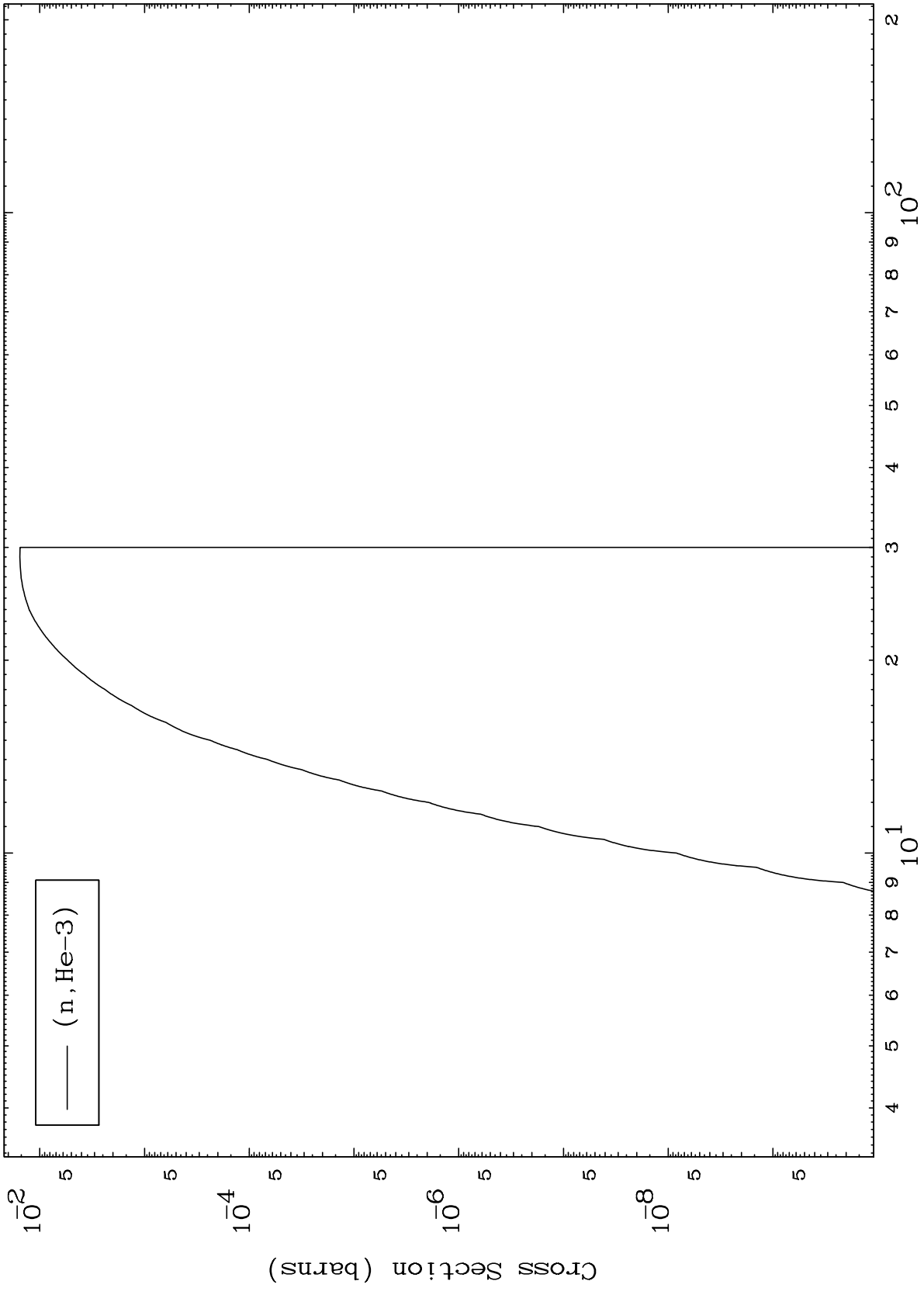
Incident Energy (MeV)

37-Rb-78

MAT 3704

(n,He3) Levels  
293 Kelvin Cross Sections

37-Rb-78



11

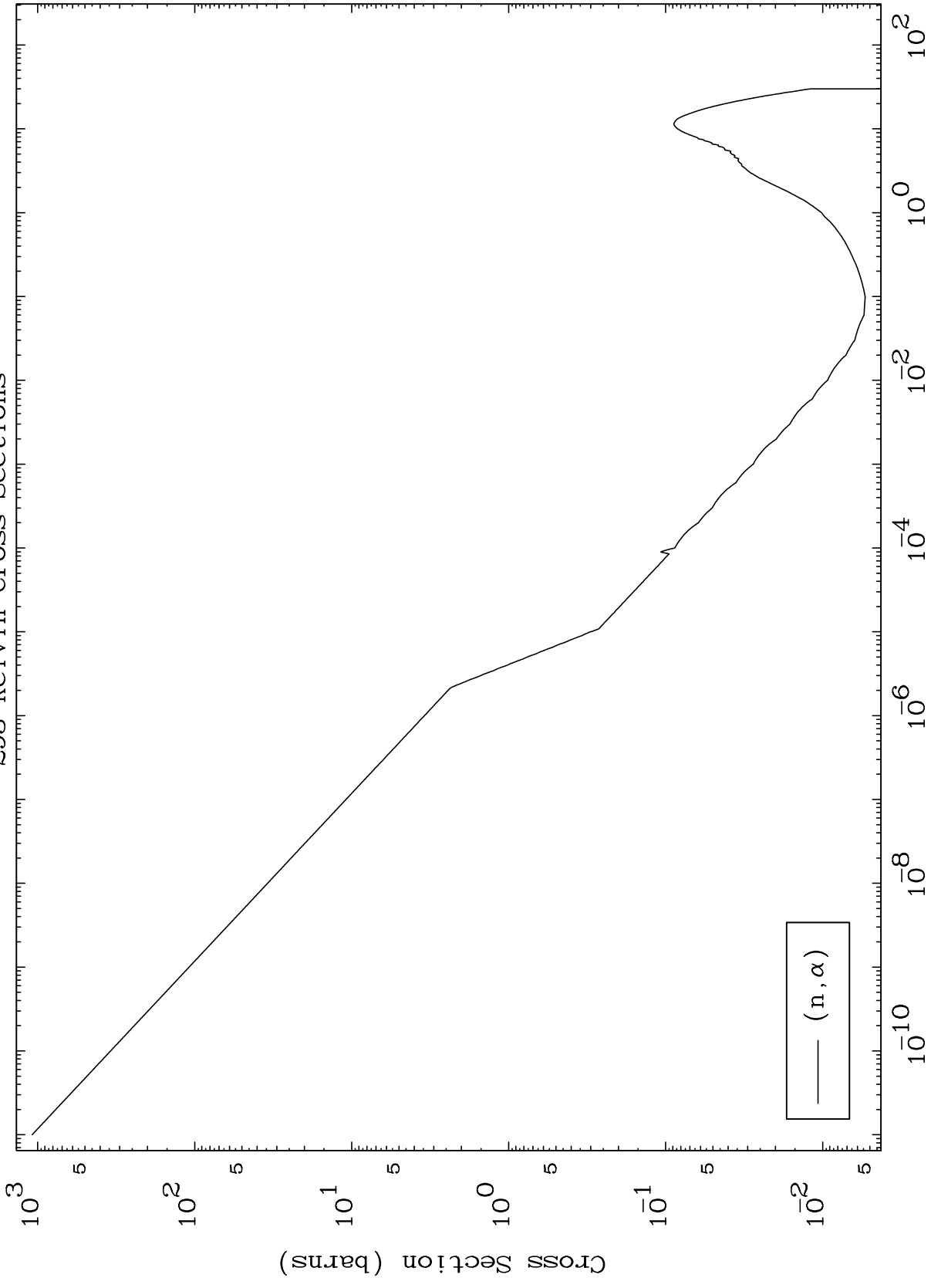
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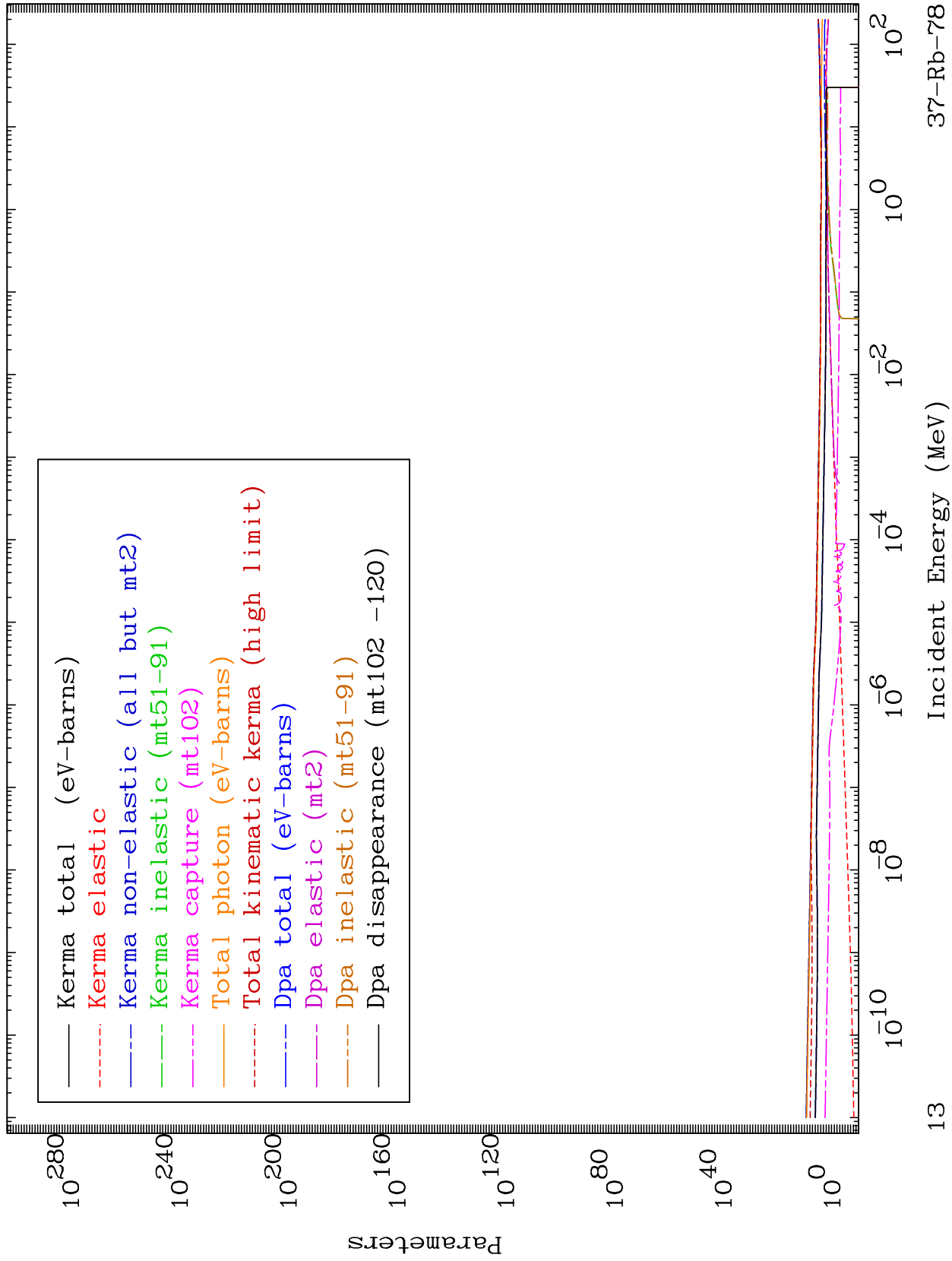
37-Rb-78

MAT 3704

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

37-Rb-78

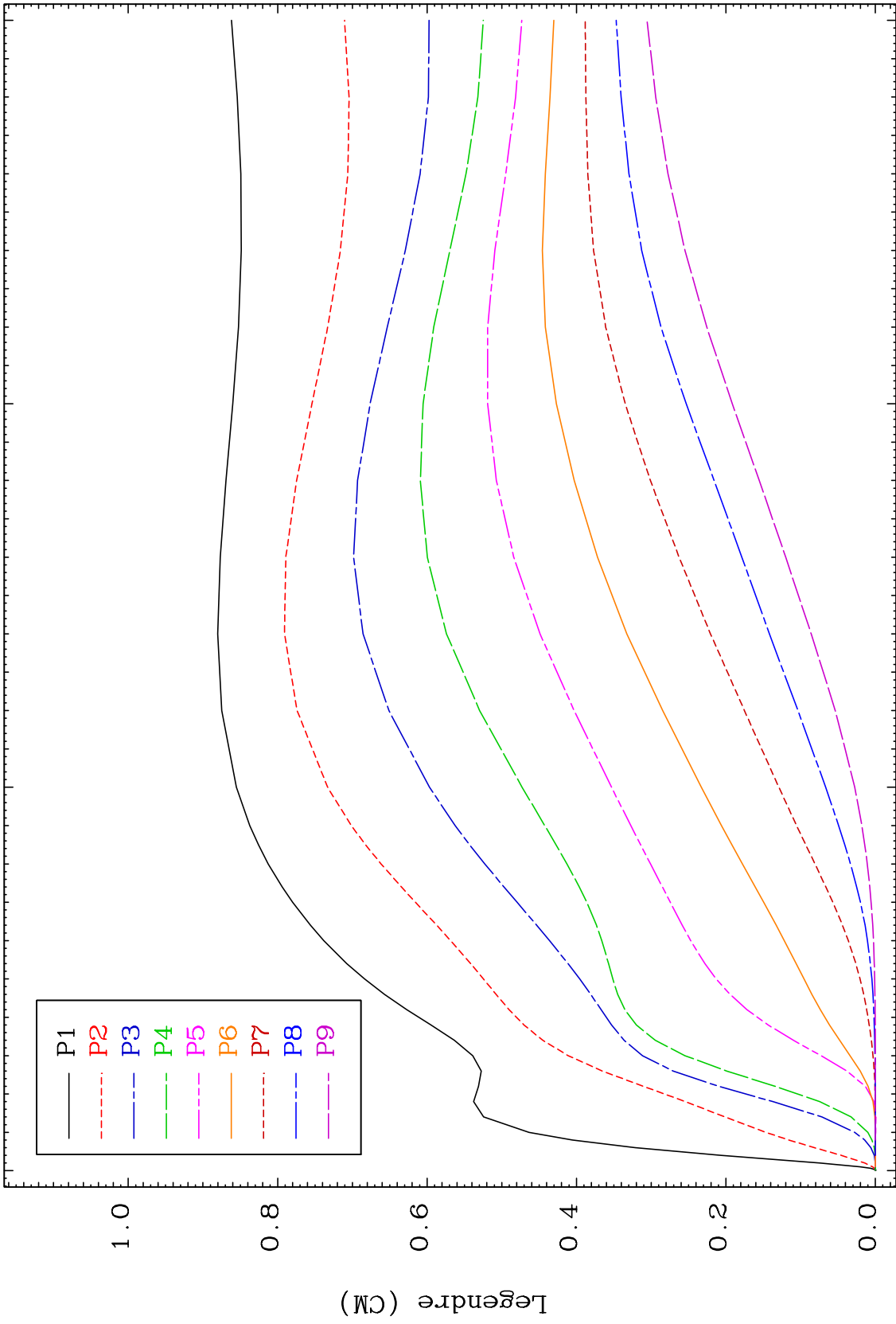




MAT 3704

Elastic Legendre Coefficients

37-Rb-78



14

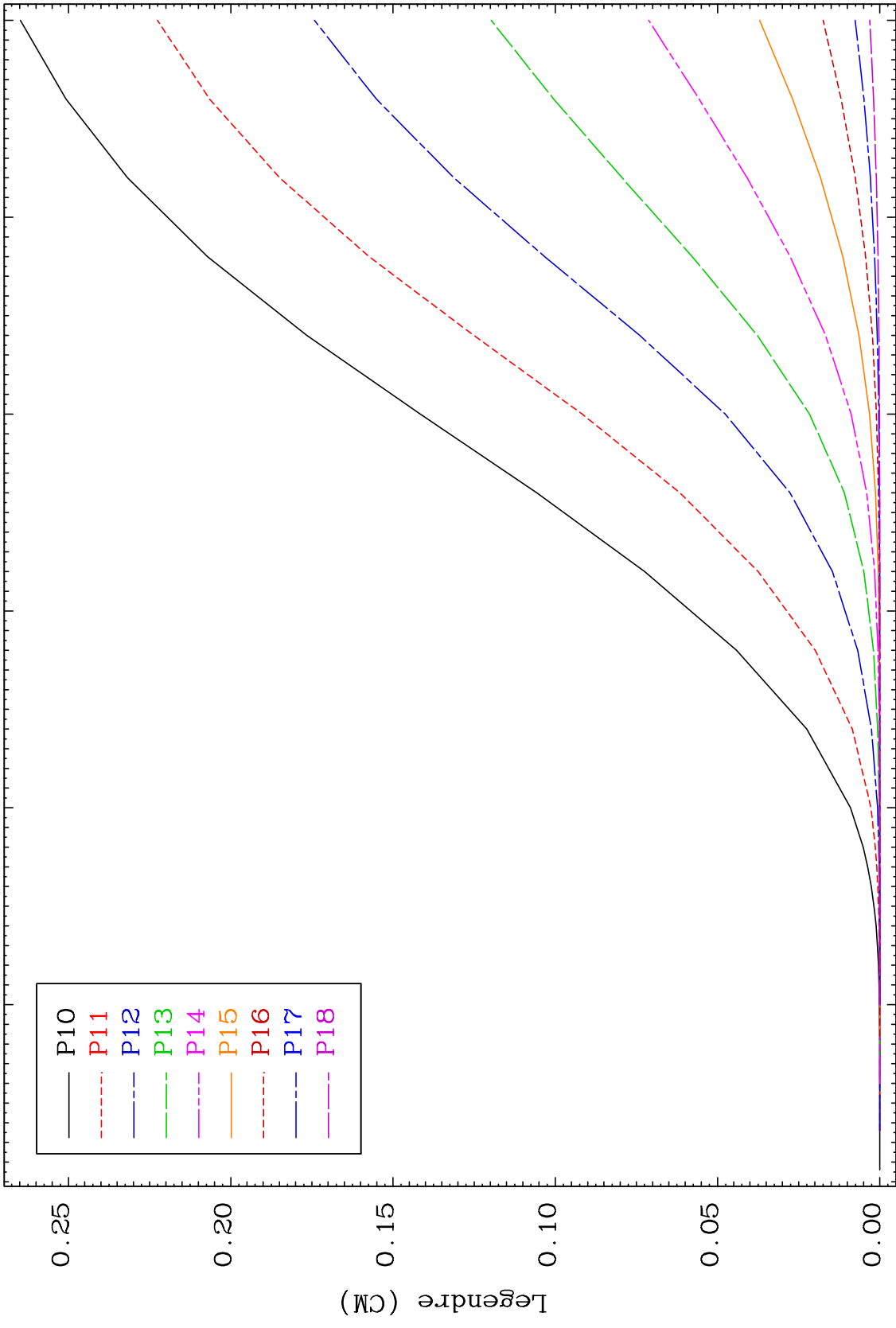
Incident Energy (MeV)

37-Rb-78

MAT 3704

Elastic Legendre Coefficients

37-Rb-78



15

Incident Energy (MeV)

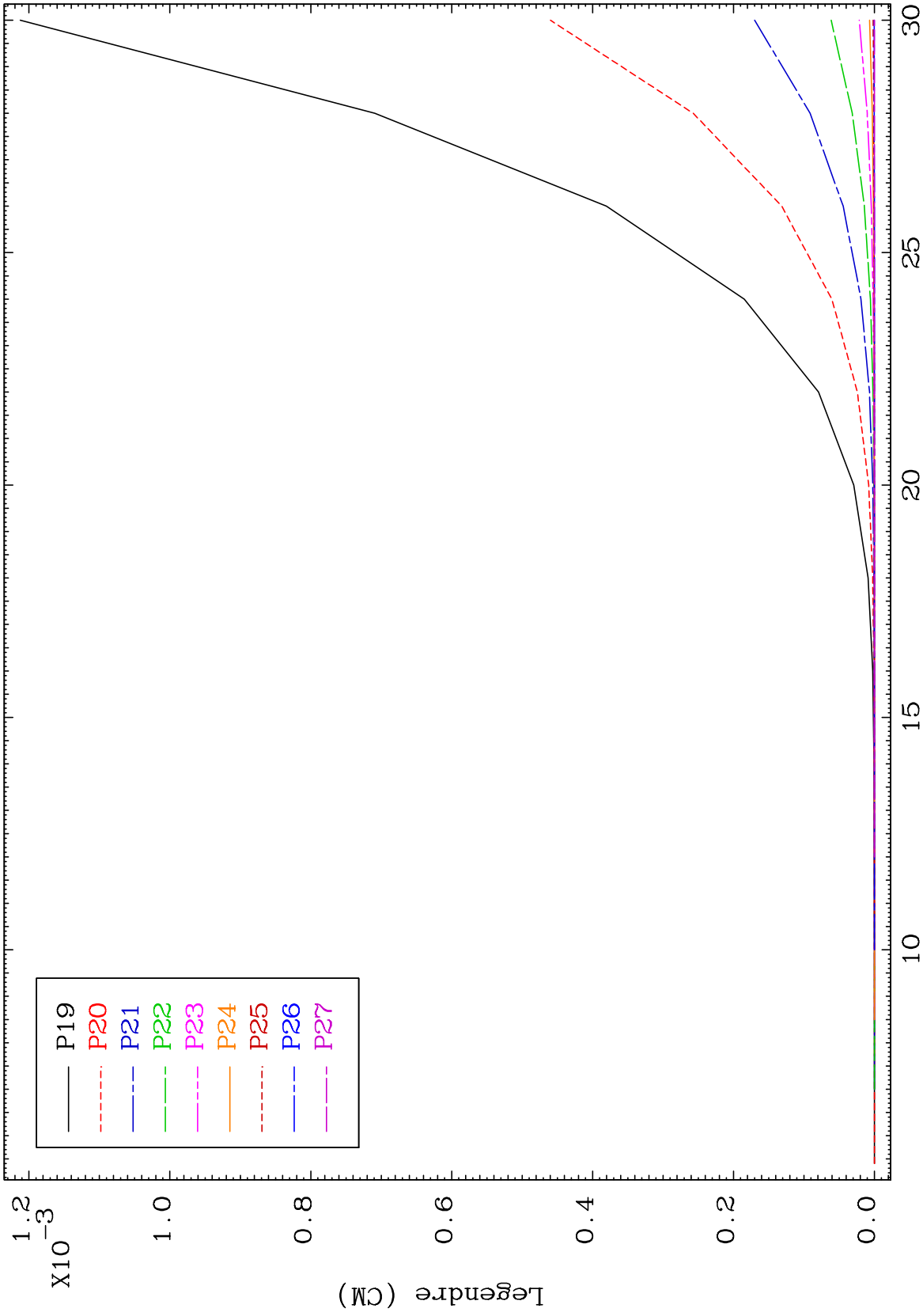
37-Rb-78



MAT 3704

### Elastic Legendre Coefficients

37-Rb-78



16

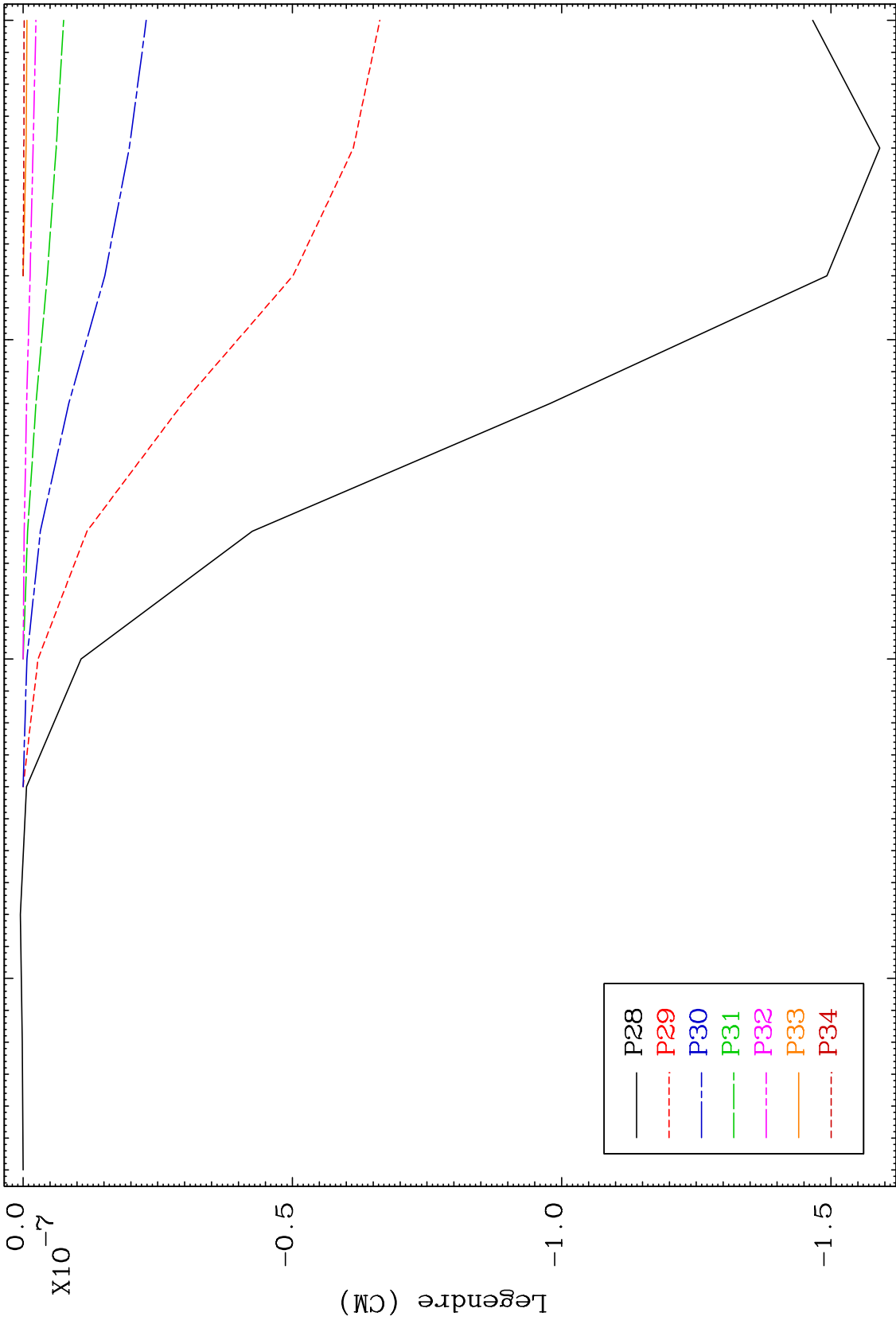
Incident Energy (MeV)

37-Rb-78

MAT 3704

37-Rb-78

Elastic Legendre Coefficients



17

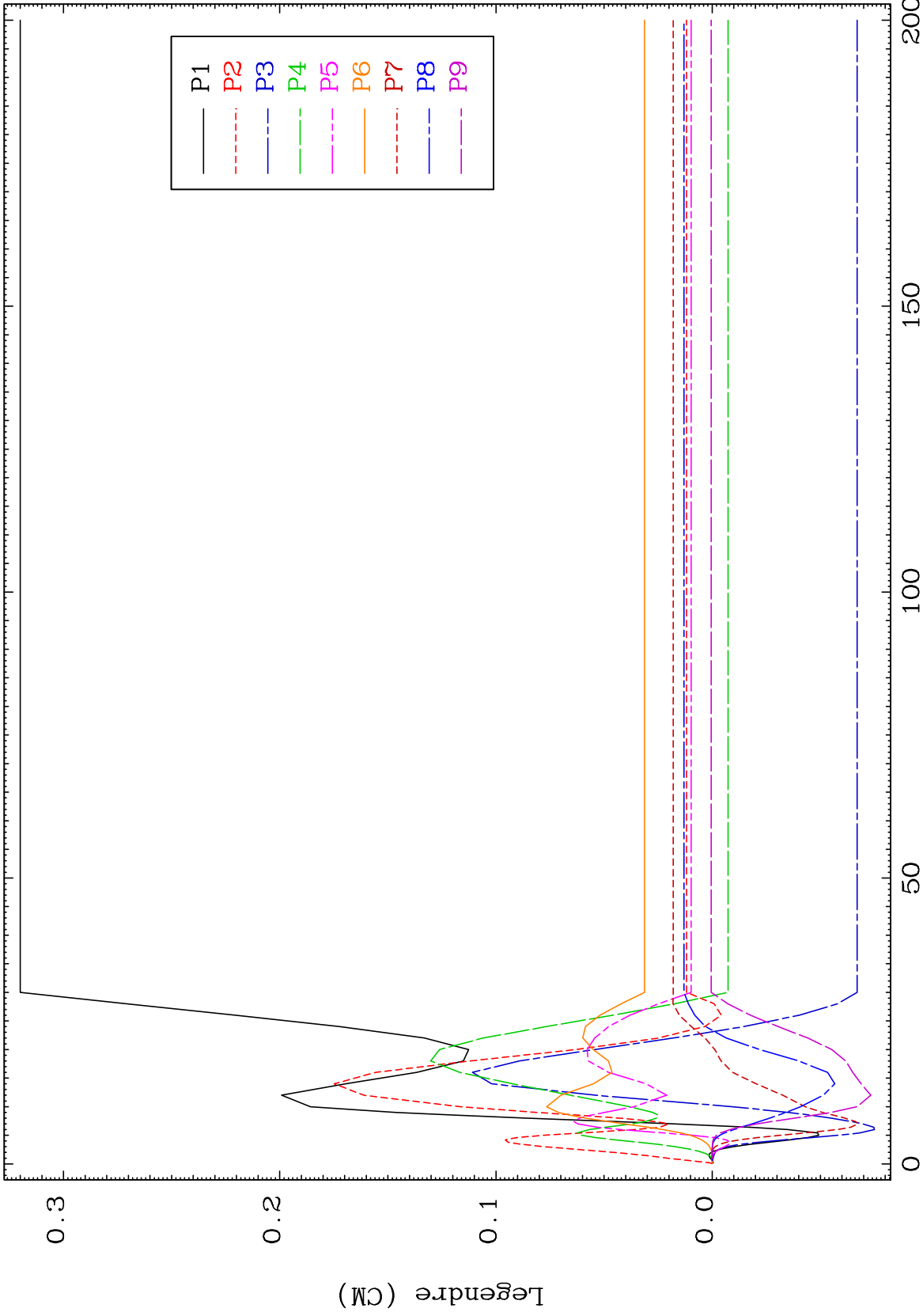
37-Rb-78

Incident Energy (MeV)

MAT 3704

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

37-Rb-78



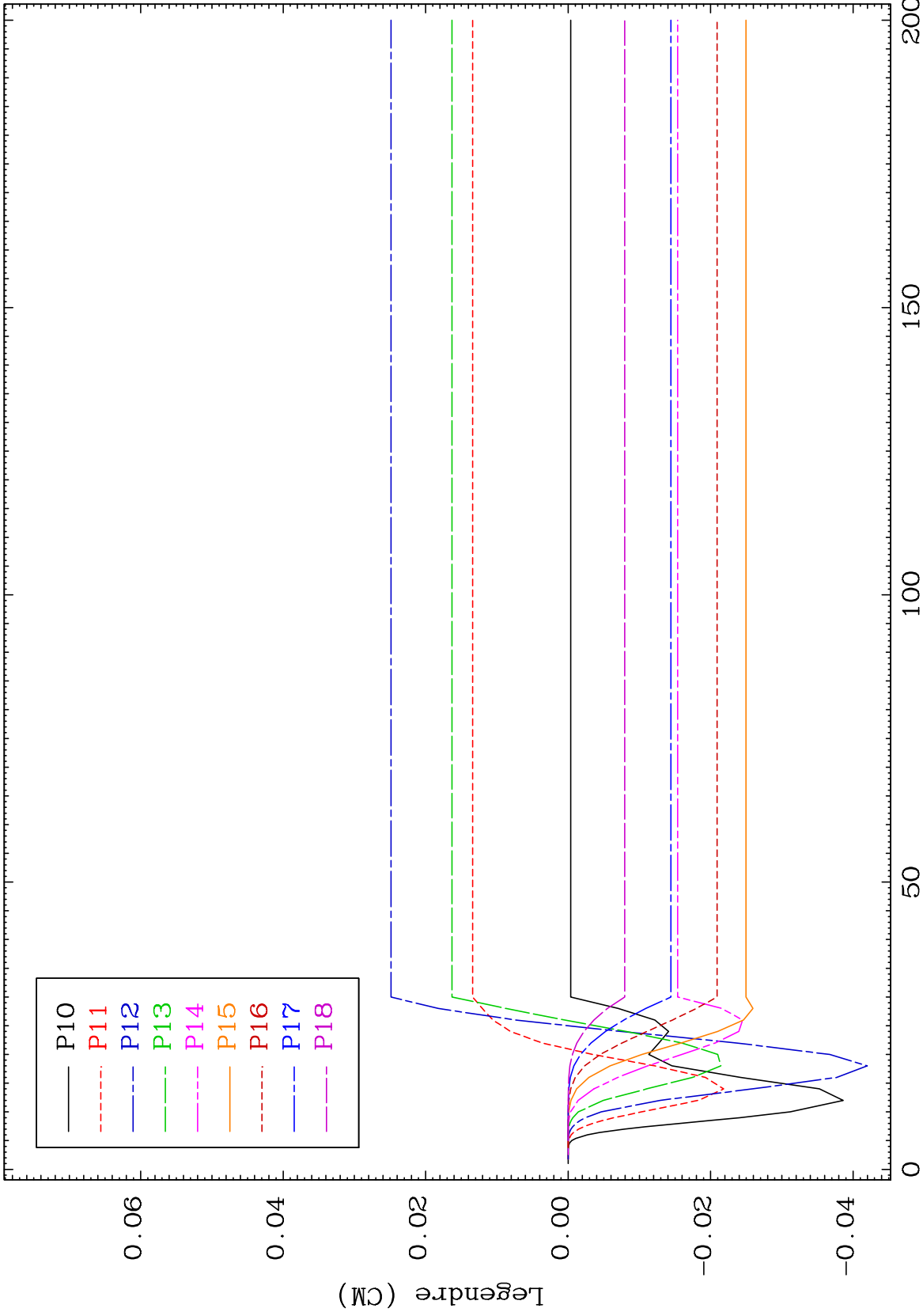
18

37-Rb-78

MAT 3704

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

37-Rb-78

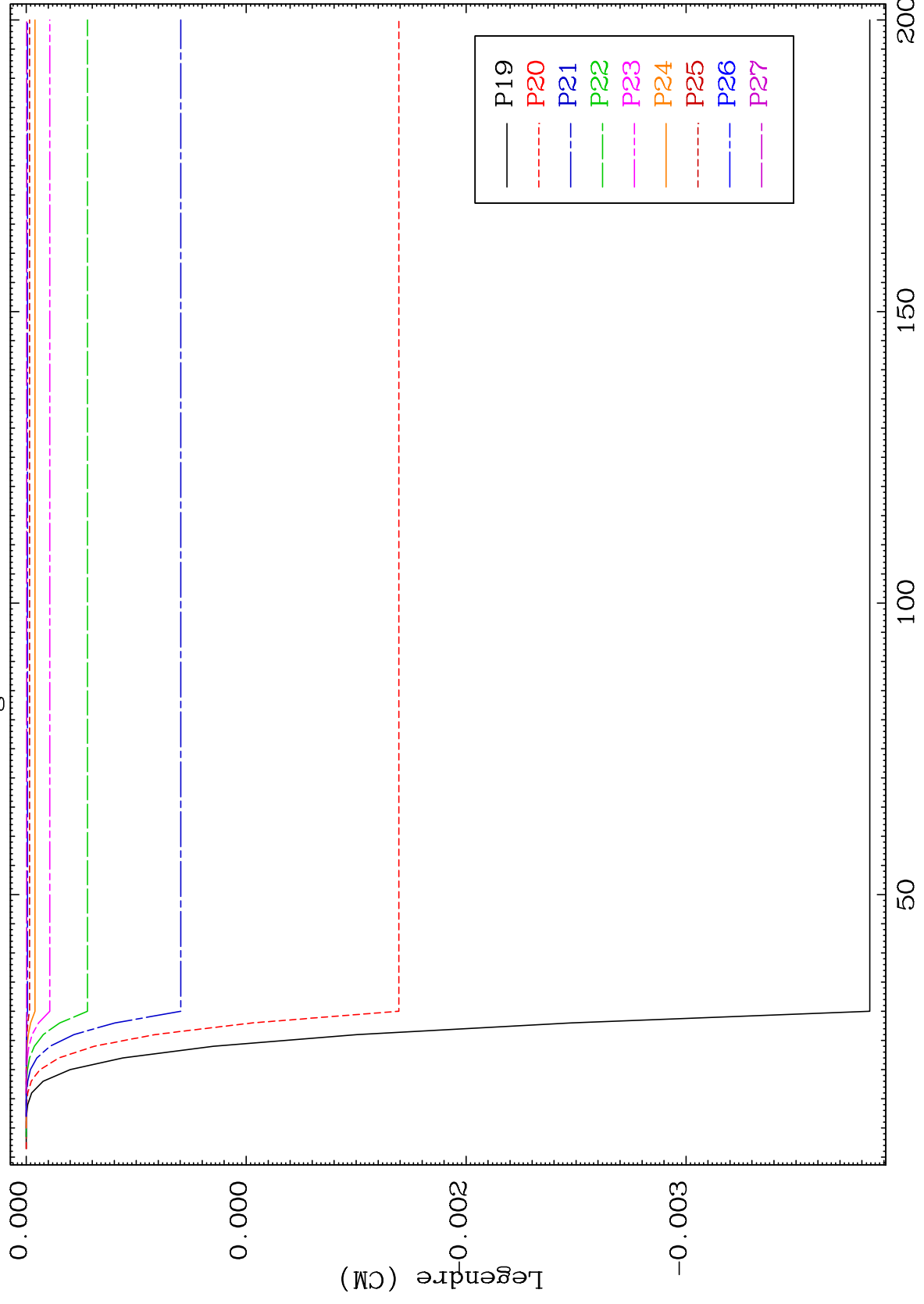


19

Incident Energy (MeV)

37-Rb-78

MAT 3704 MT= 51 (n,n') Level Legendre Coefficients 37-Rb-78

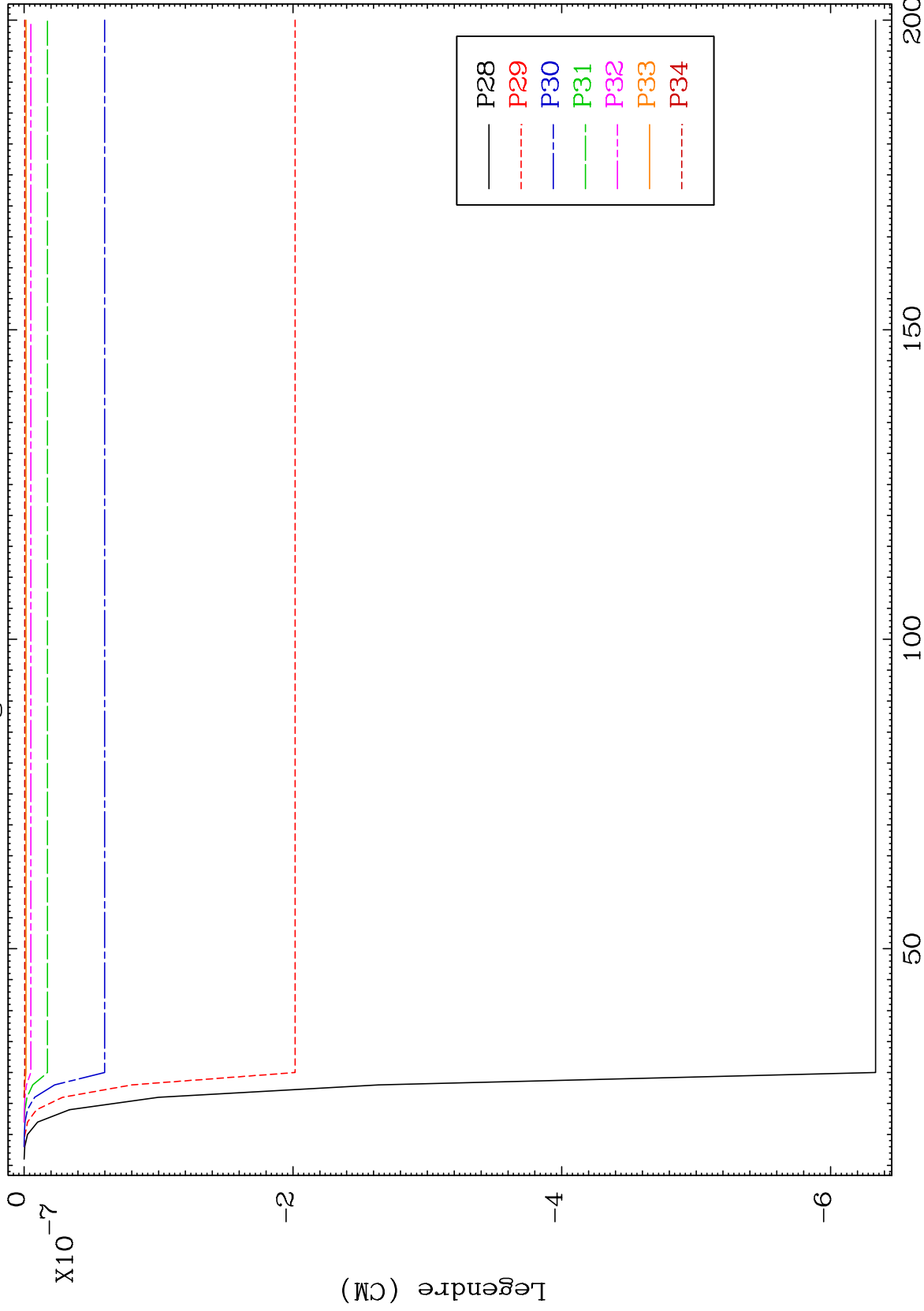


20 50 100 150 200 Incident Energy (MeV) 37-Rb-78

MAT 3704

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

37-Rb-78

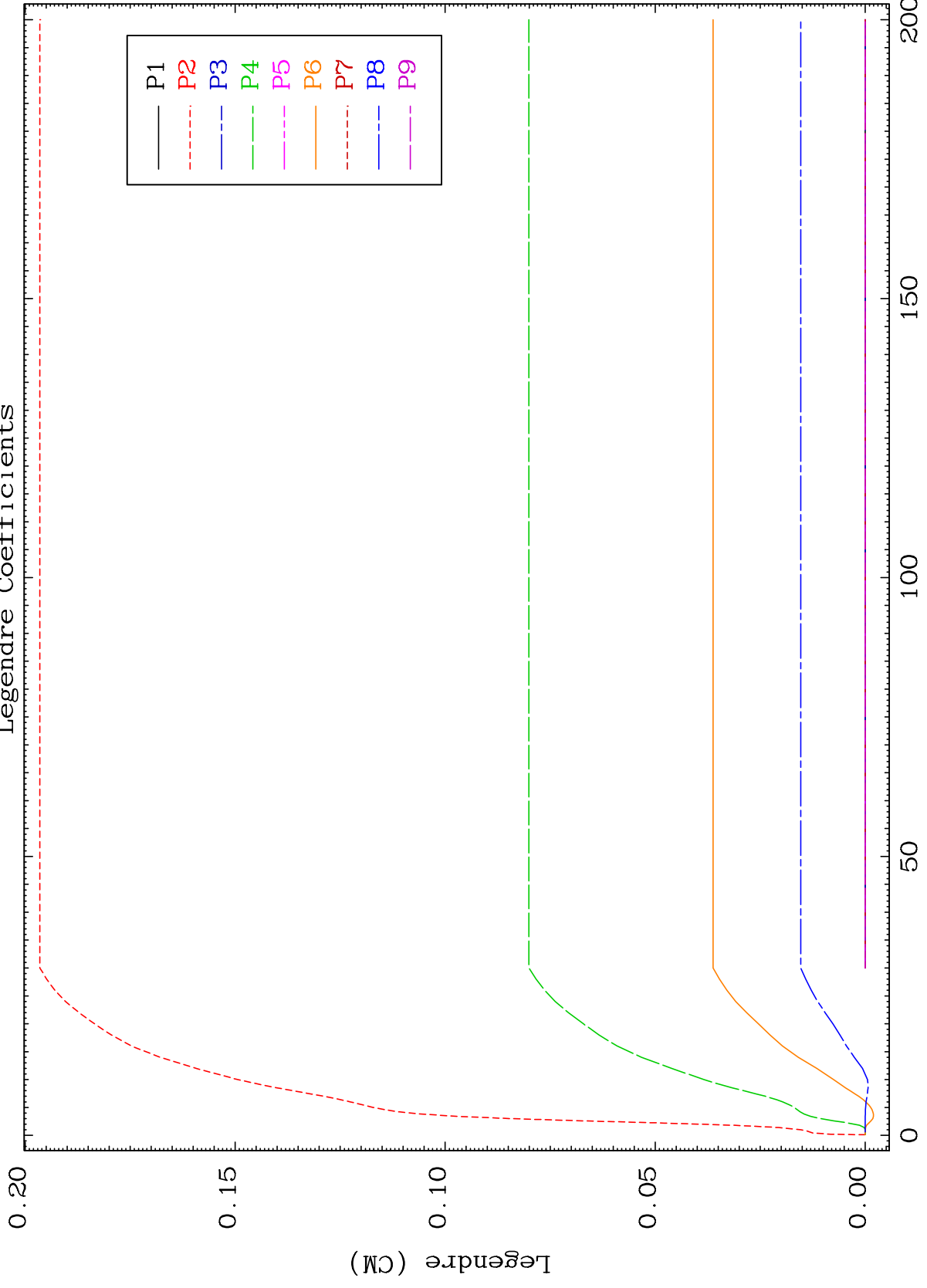


21

Incident Energy (MeV)

37-Rb-78

MAT 3704 MT= 52 (n,n') Level Legendre Coefficients 37-Rb-78

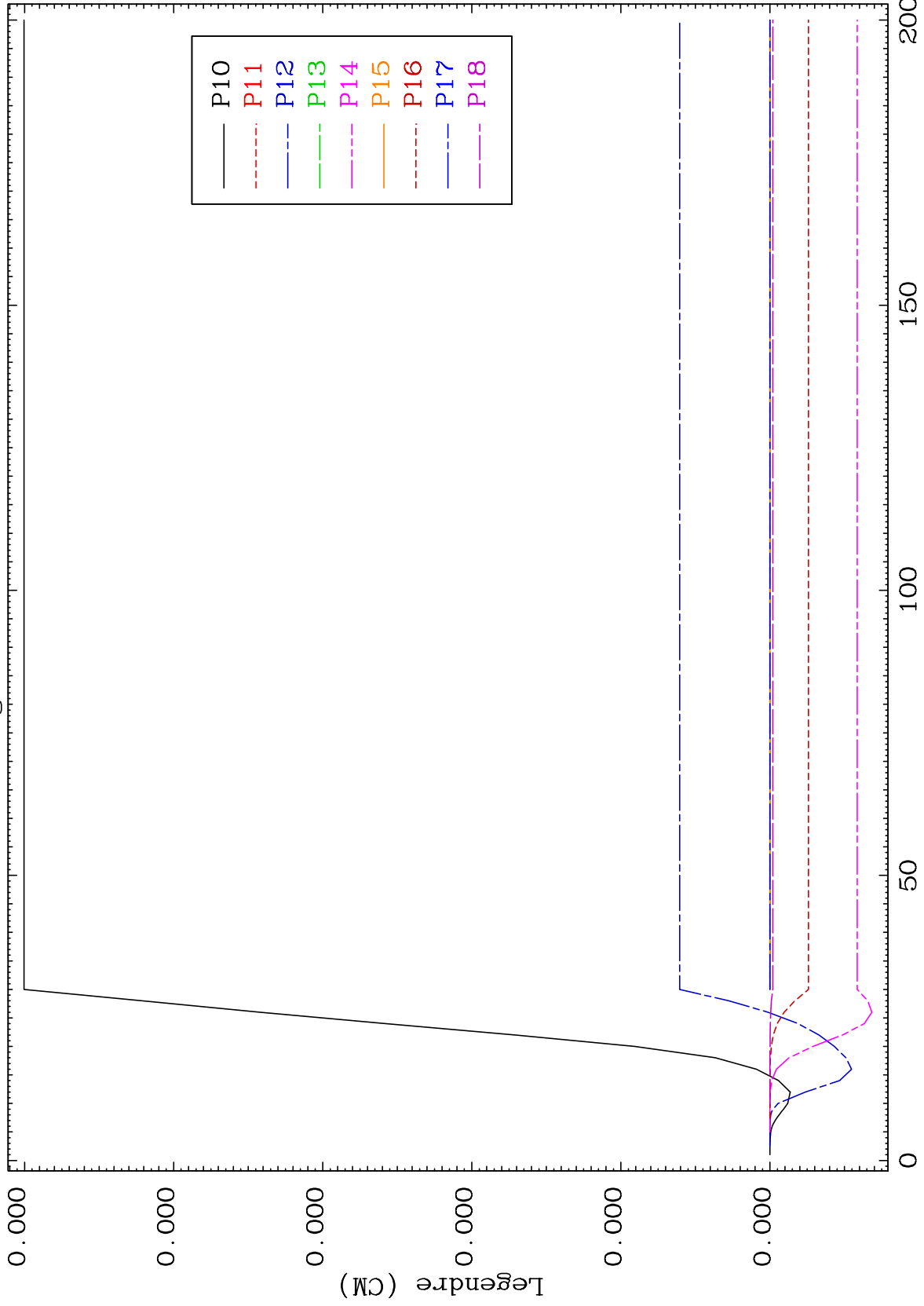


22 37-Rb-78

MAT 3704

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

37-Rb-78



23

Incident Energy (MeV)

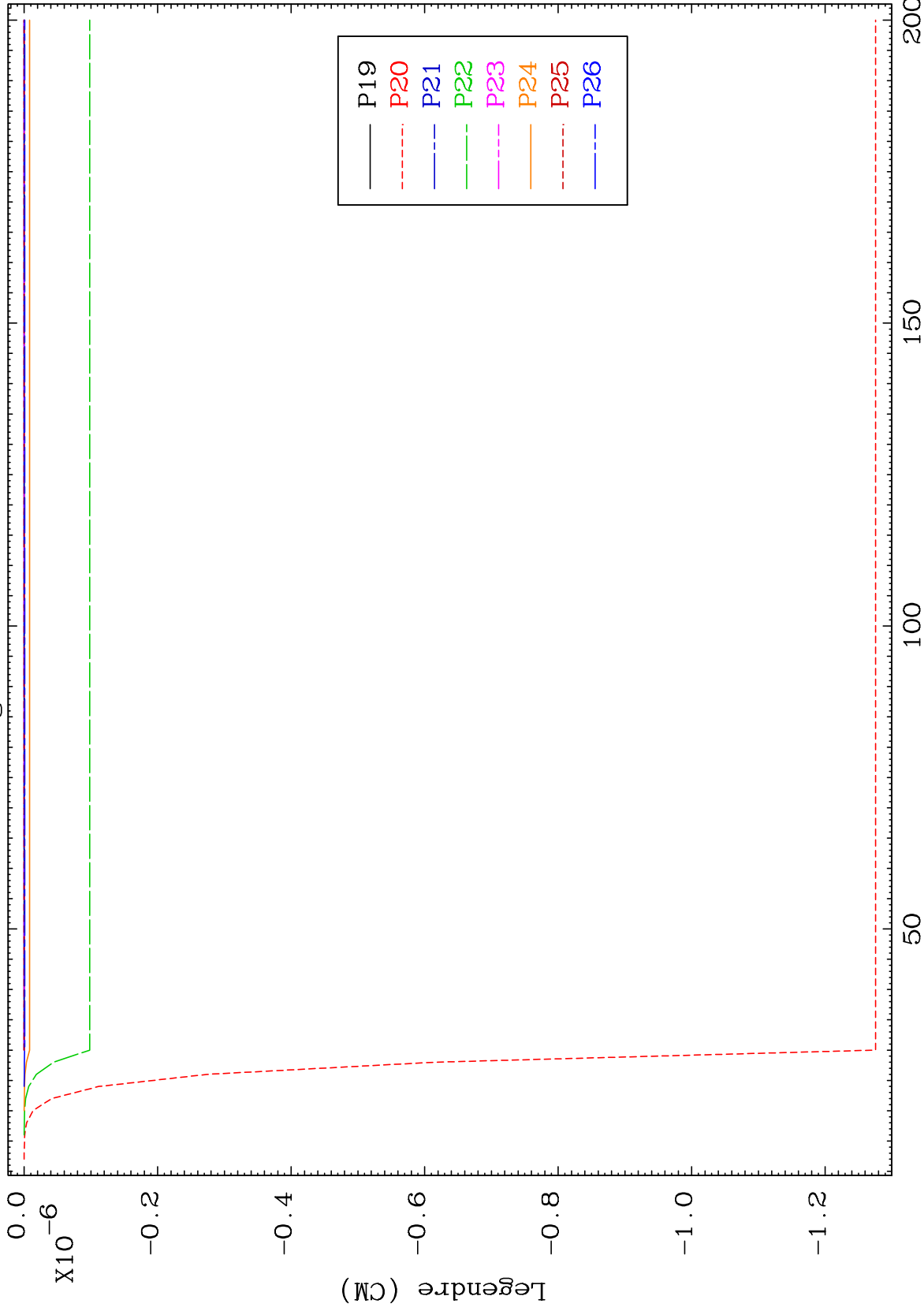
37-Rb-78



MAT 3704

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

37-Rb-78

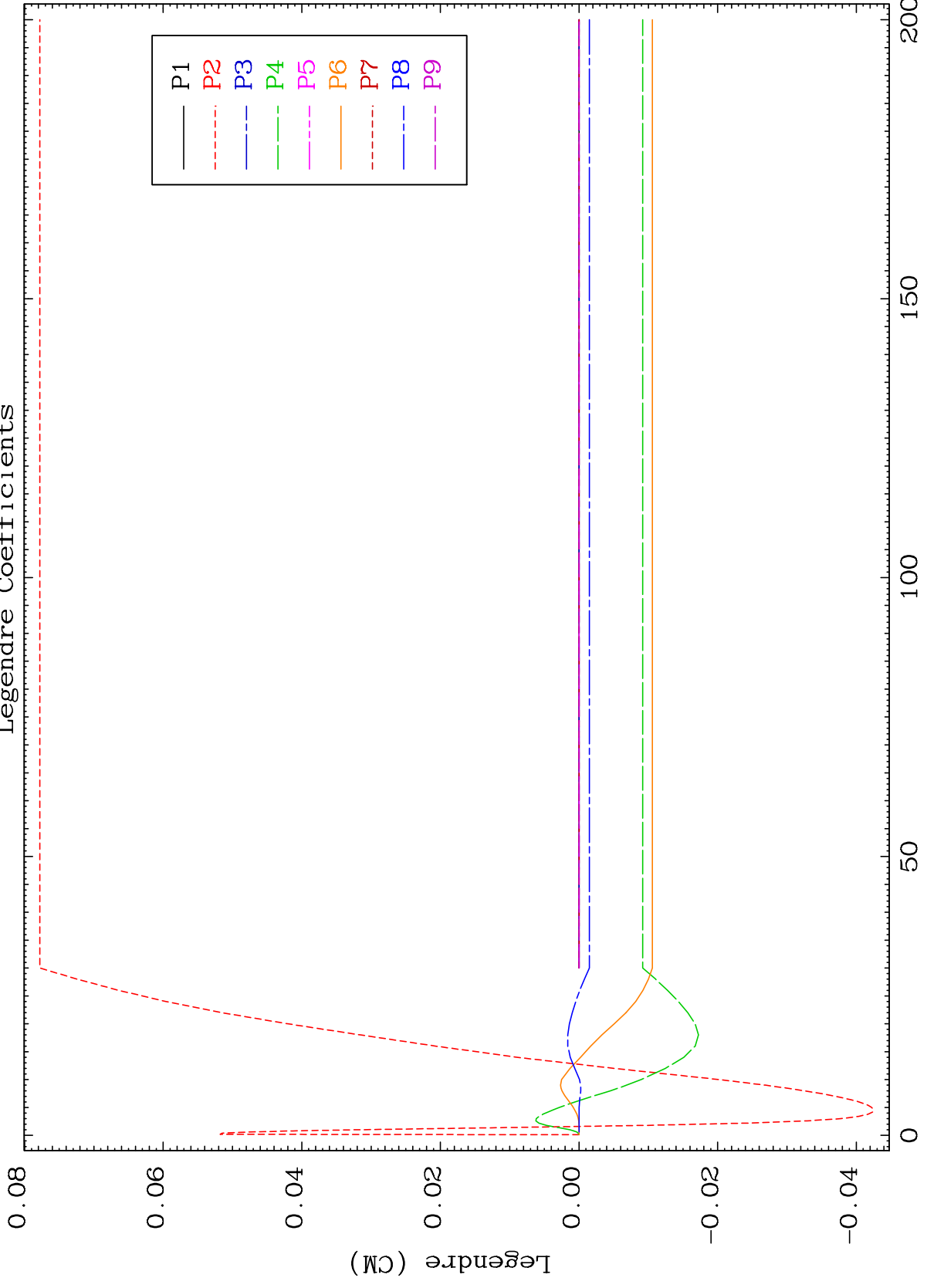


24

Incident Energy (MeV)

37-Rb-78

MAT 3704 MT= 53 (n,n') Level Legendre Coefficients 37-Rb-78

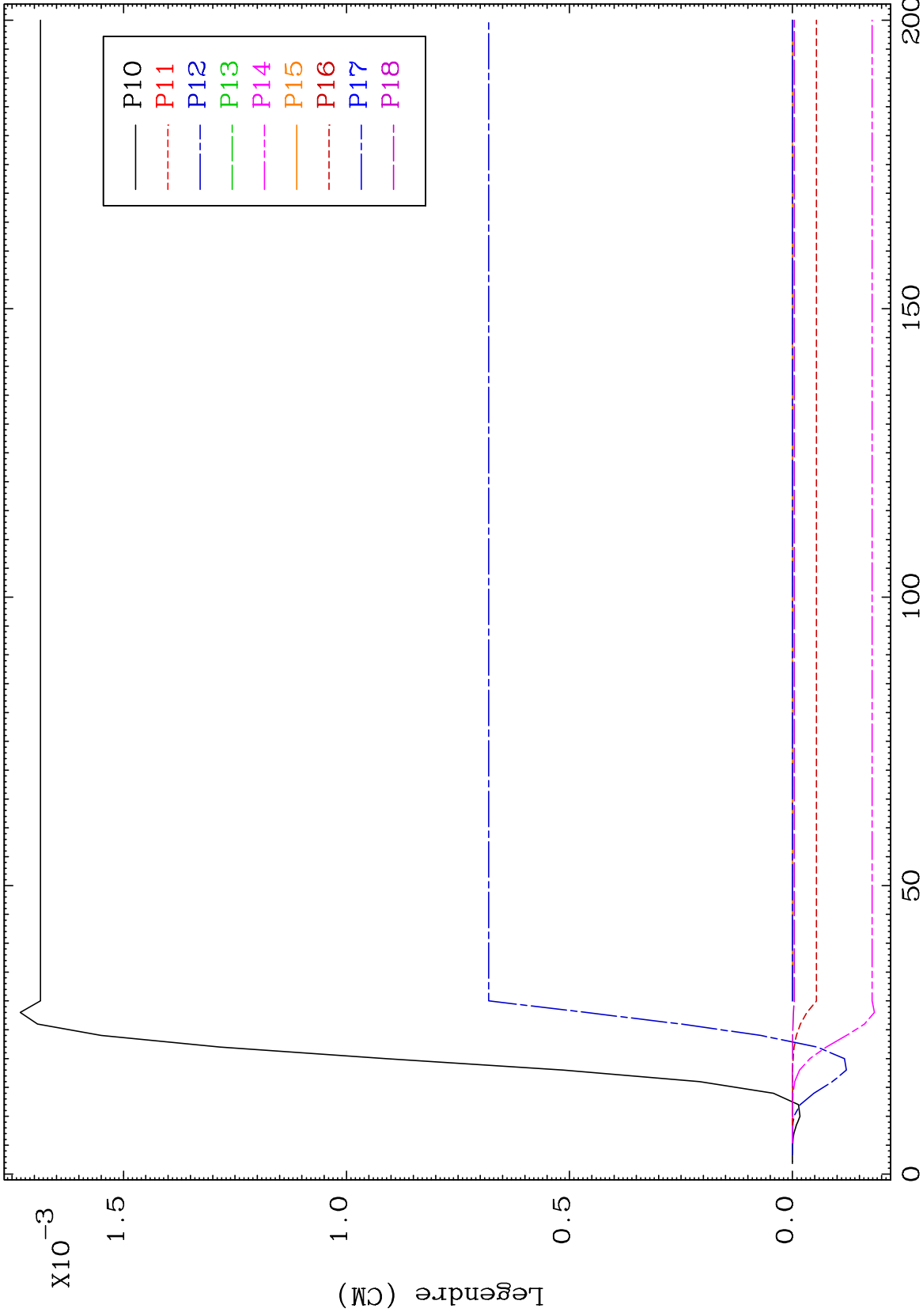


37-Rb-78

MAT 3704

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

37-Rb-78



26

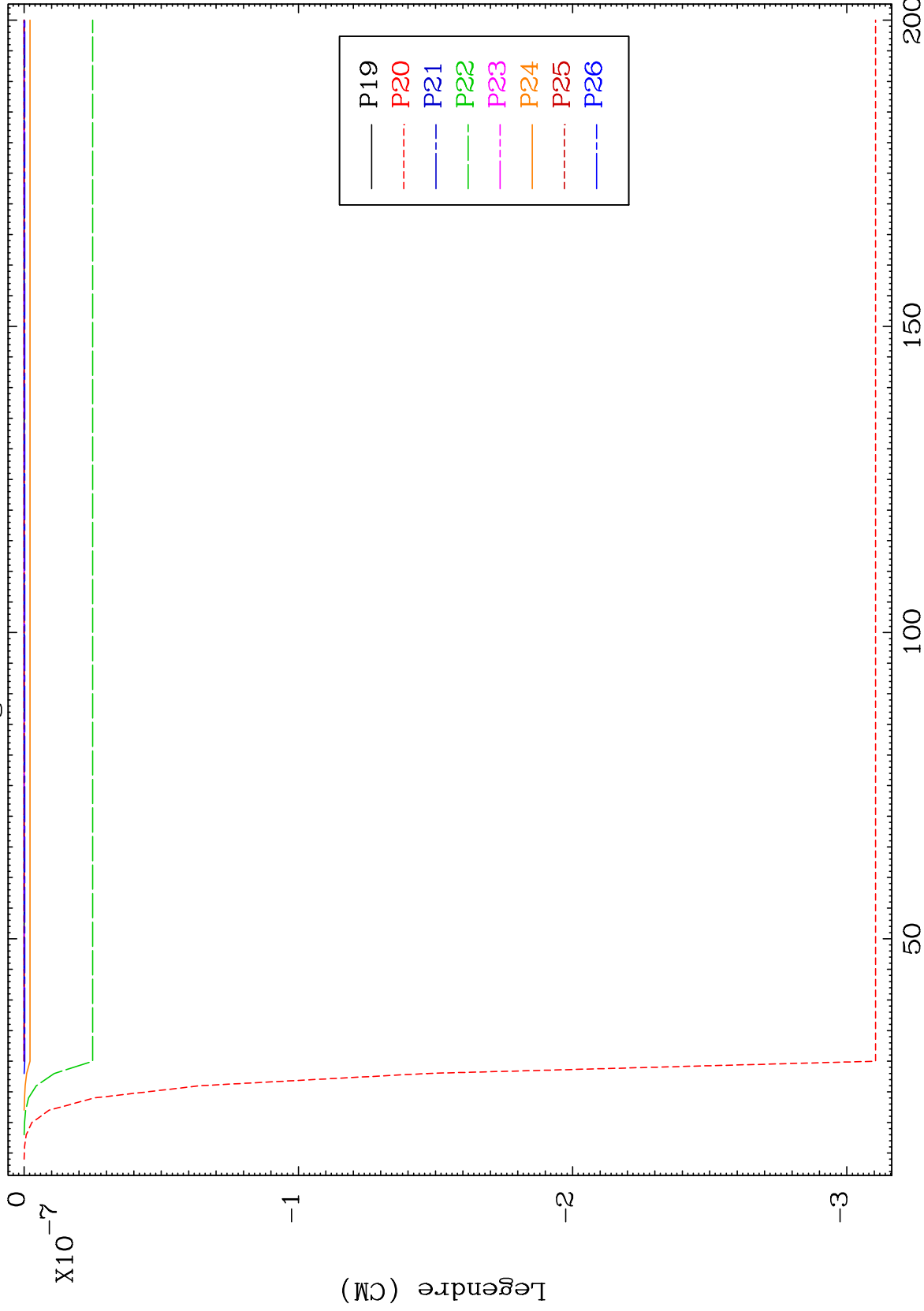
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



27

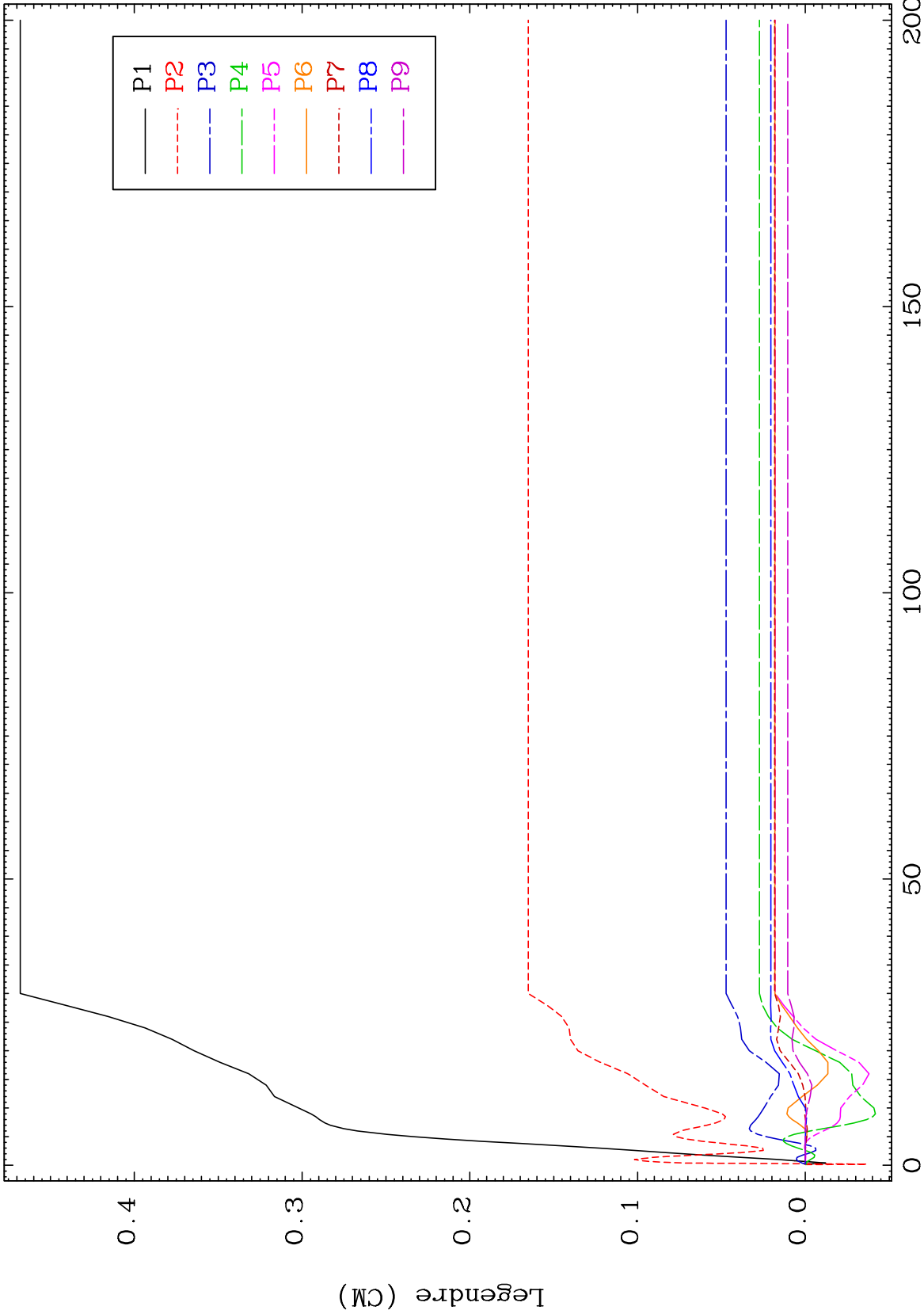
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



28

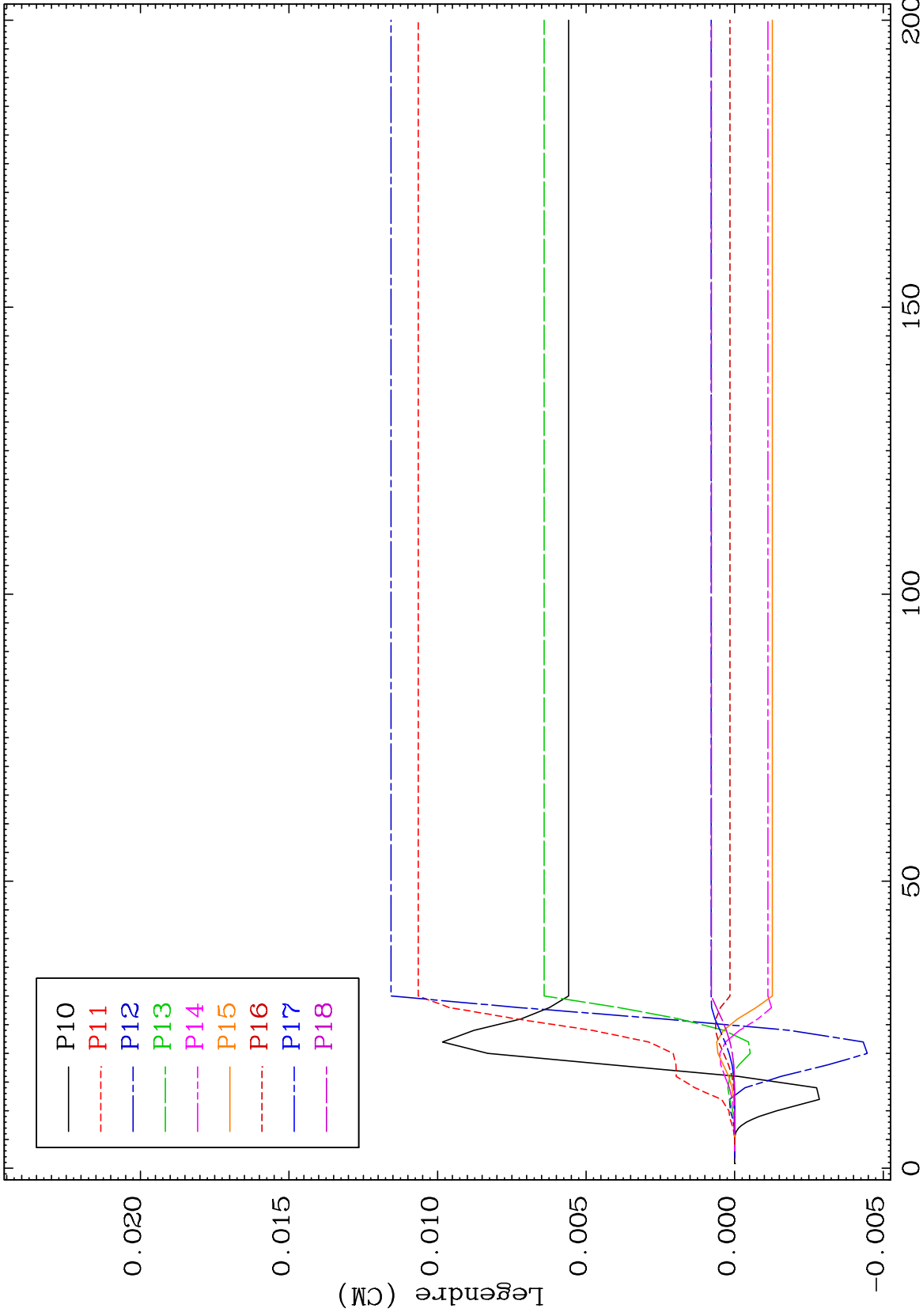
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



29

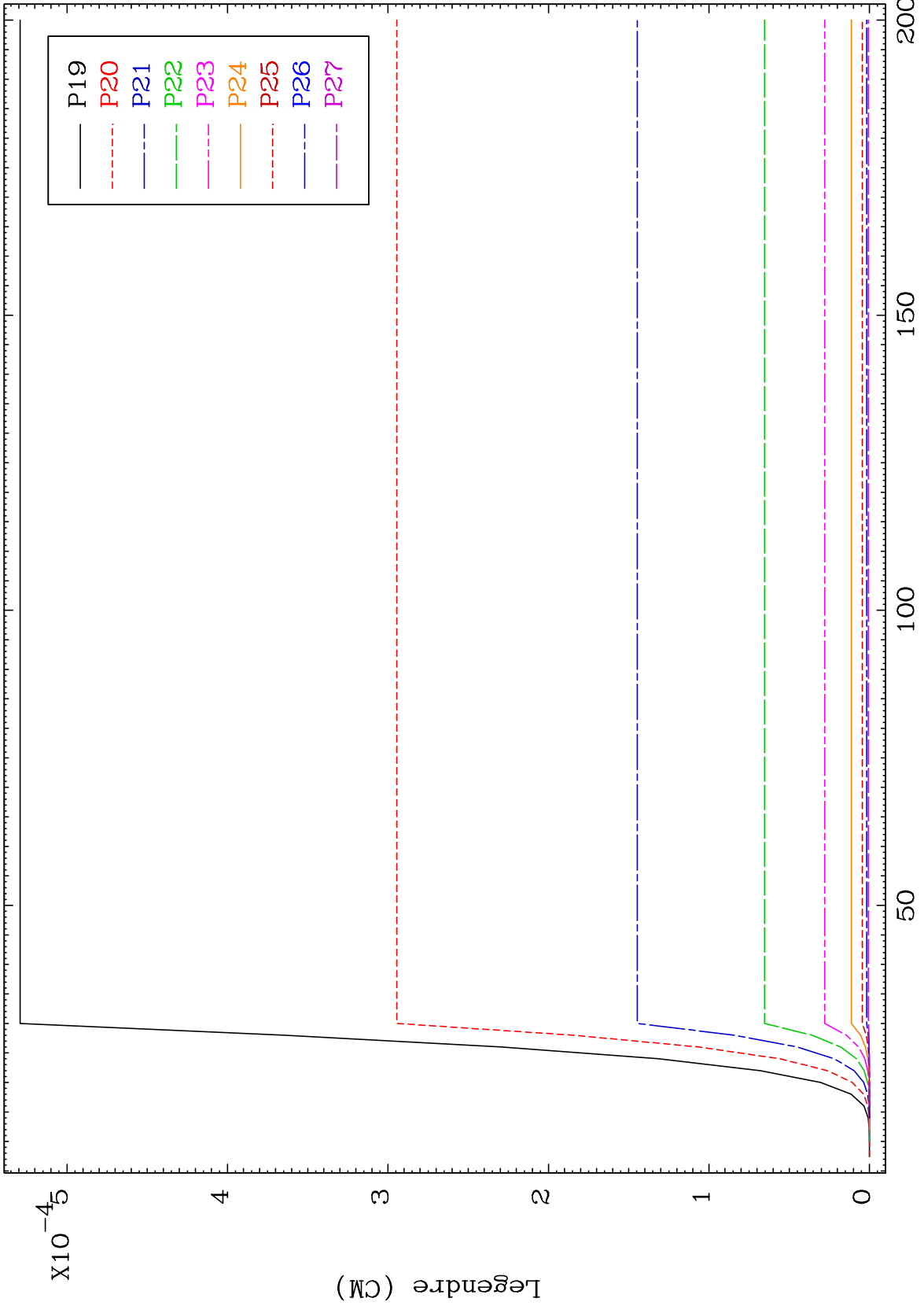
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



30

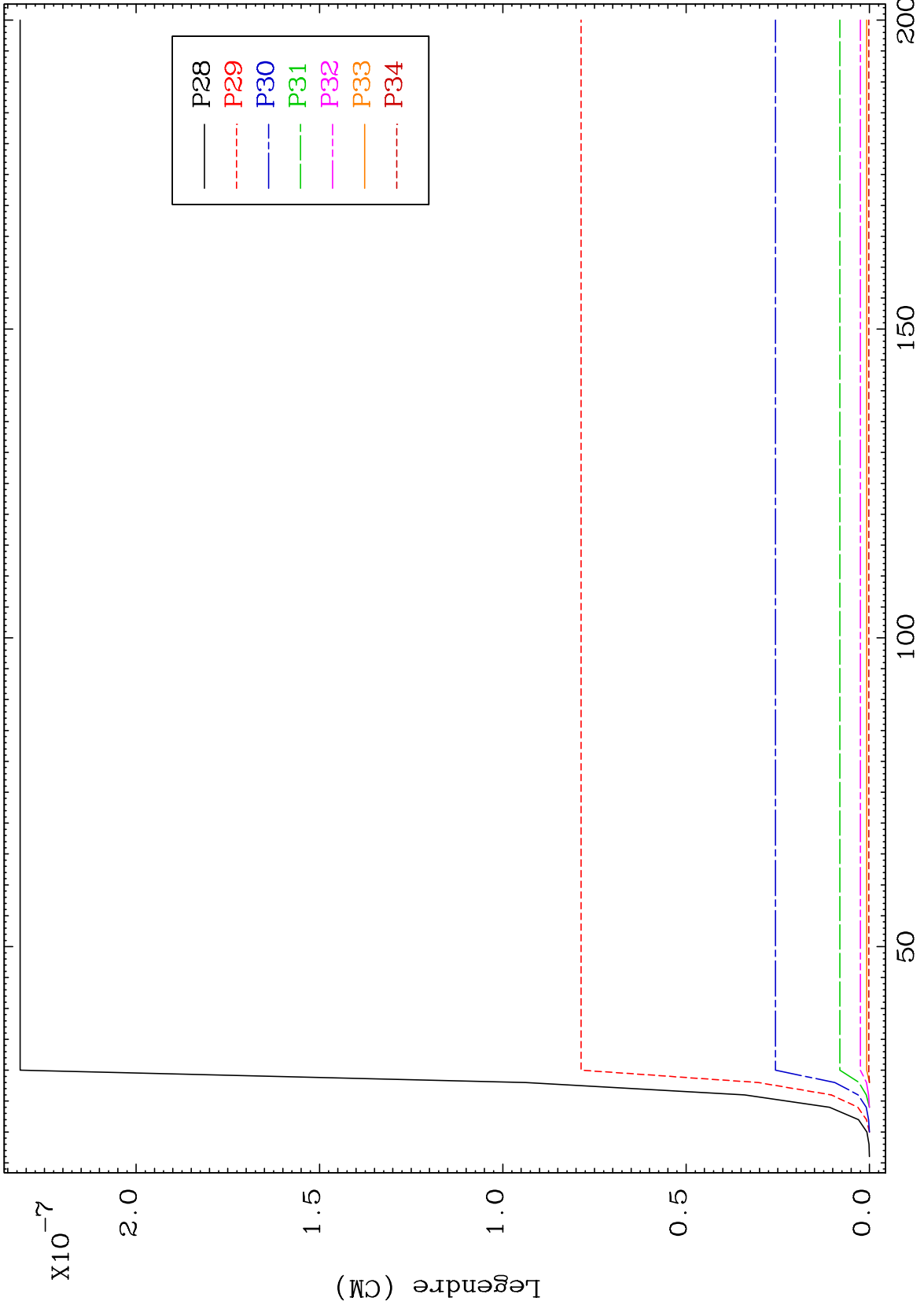
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



31

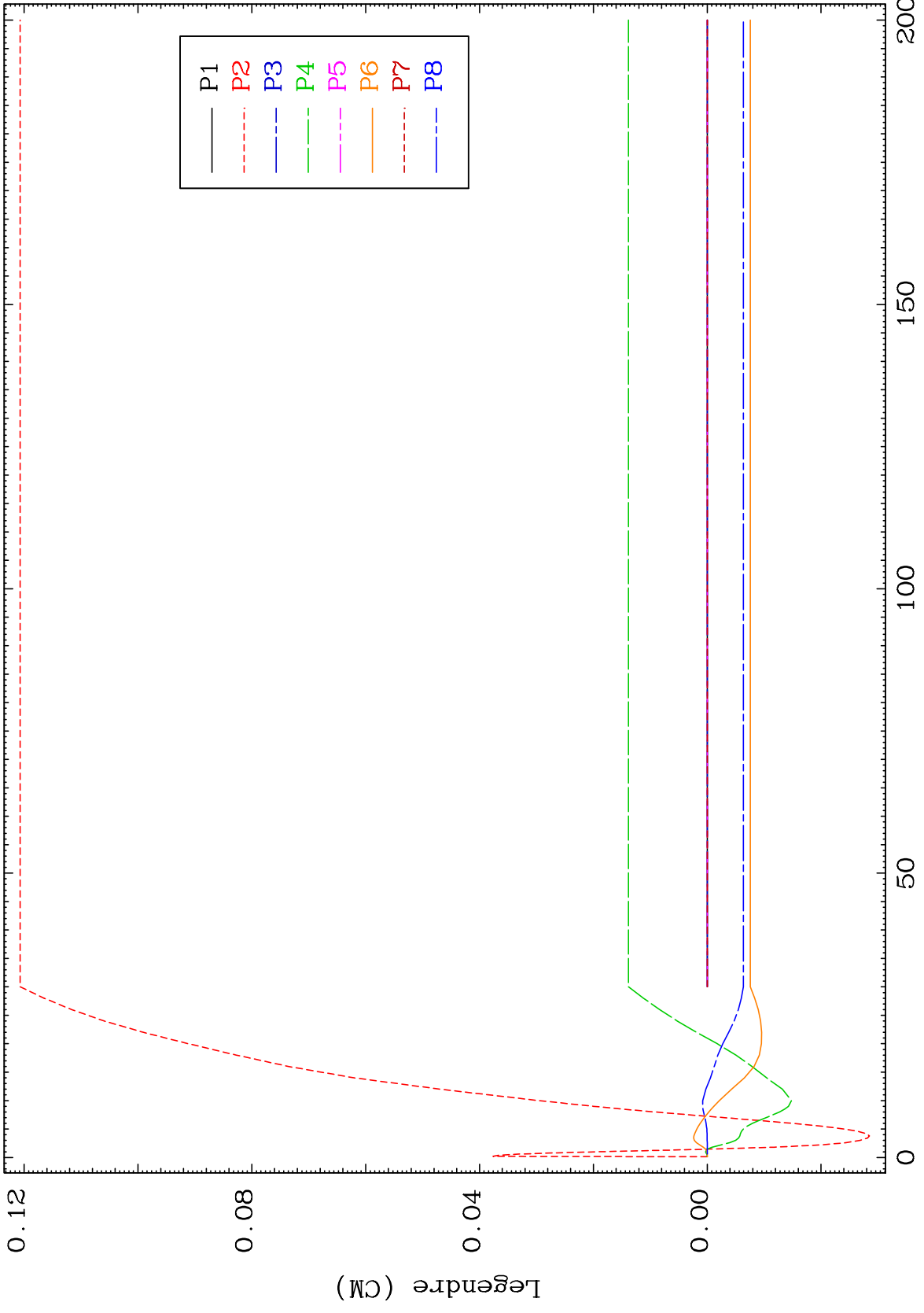
37-Rb-78



MAT 3704

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

37-Rb-78



32

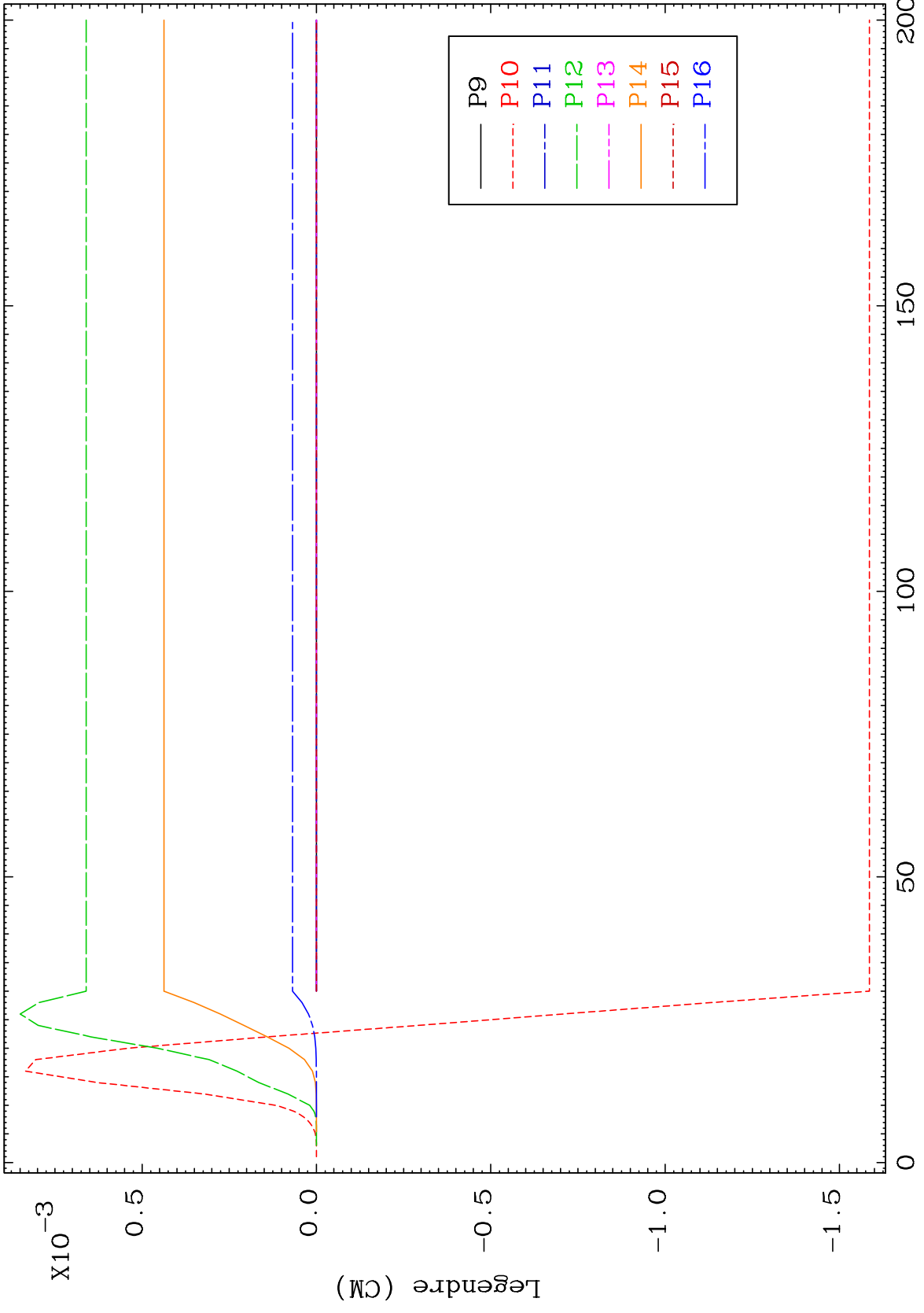
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78

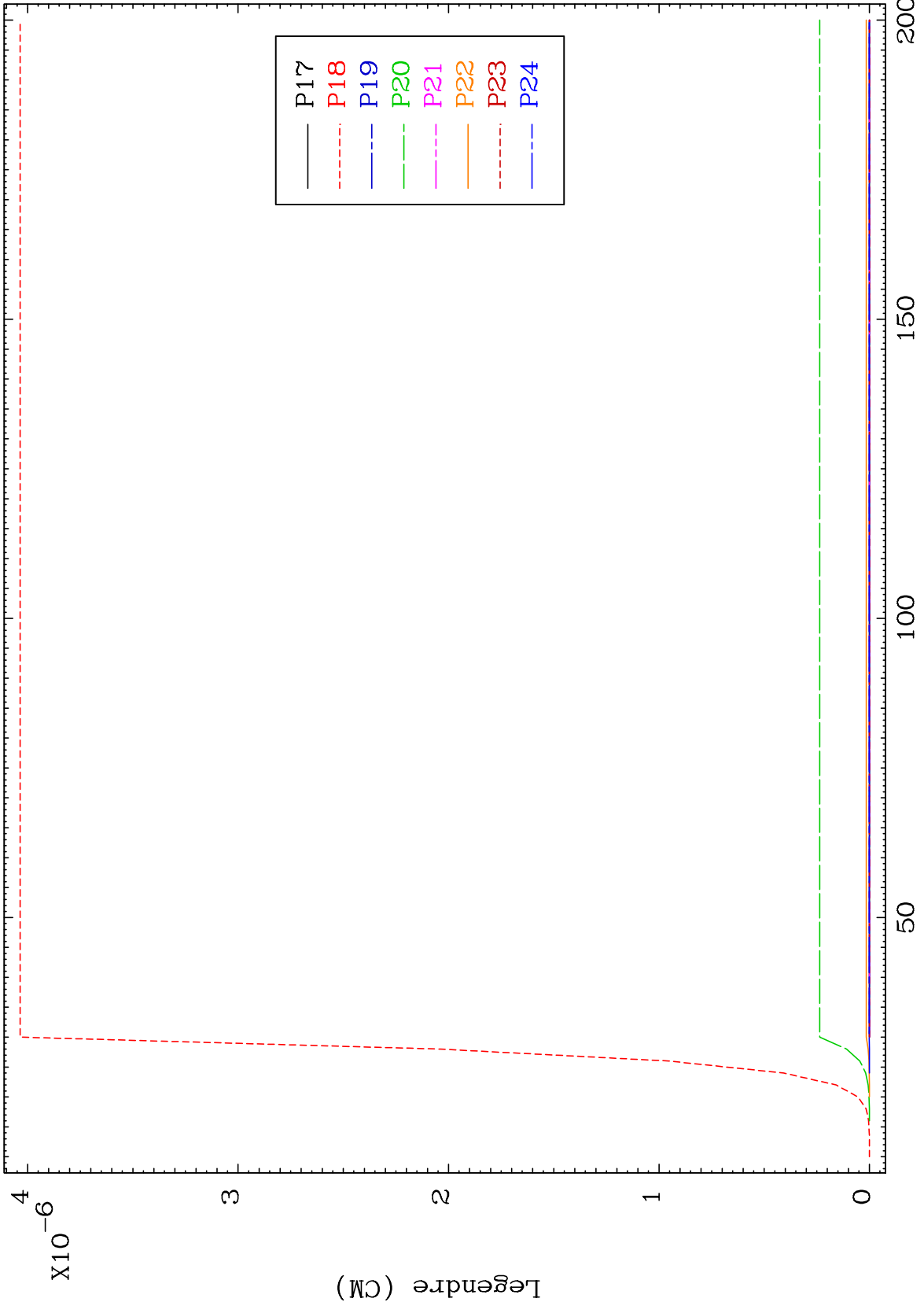


33

Incident Energy (MeV)

37-Rb-78

MAT 3704 MT= 55 (n,n') Level Legendre Coefficients 37-Rb-78

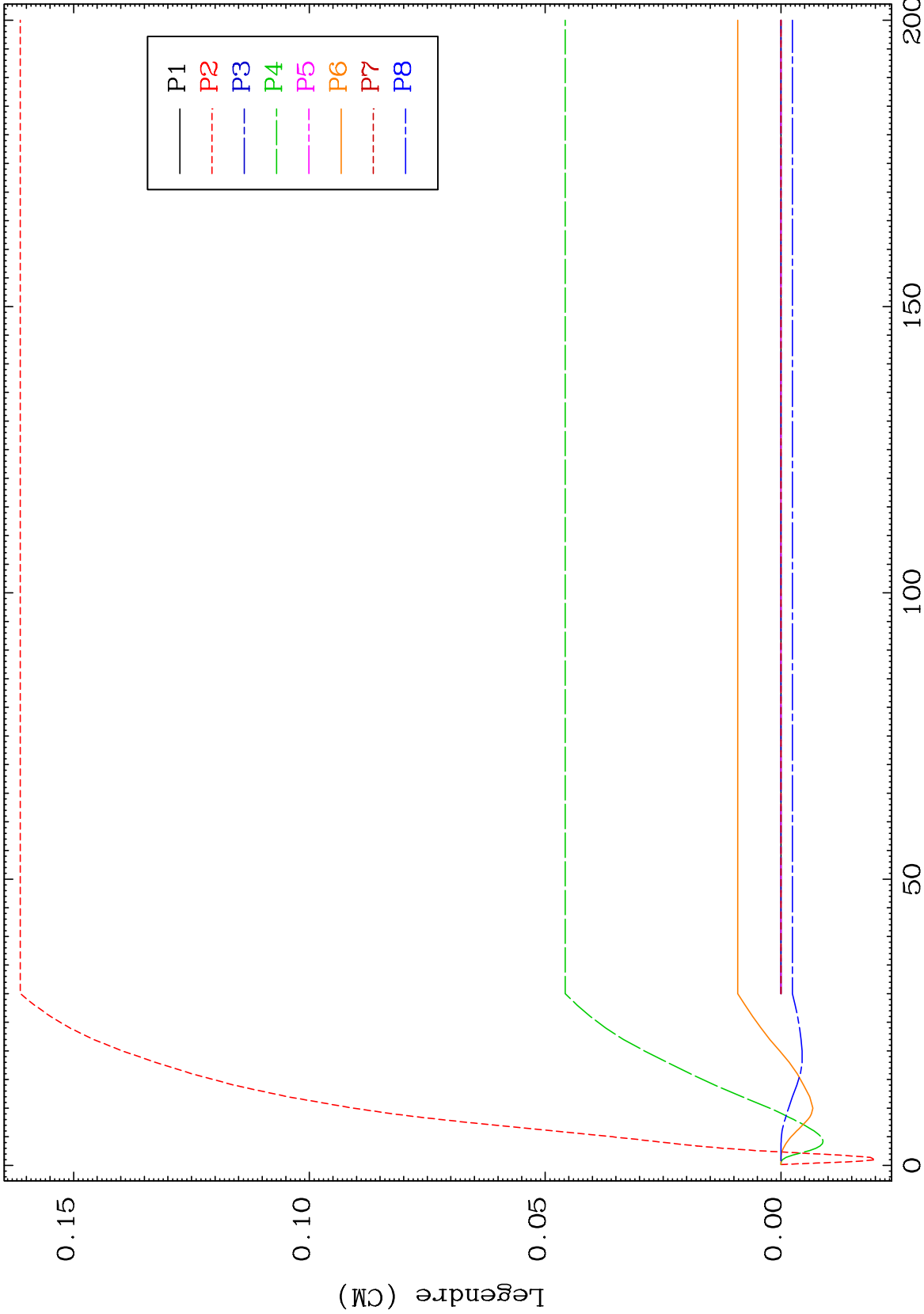


34 Incident Energy (MeV) 37-Rb-78

MAT 3704

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

37-Rb-78



35

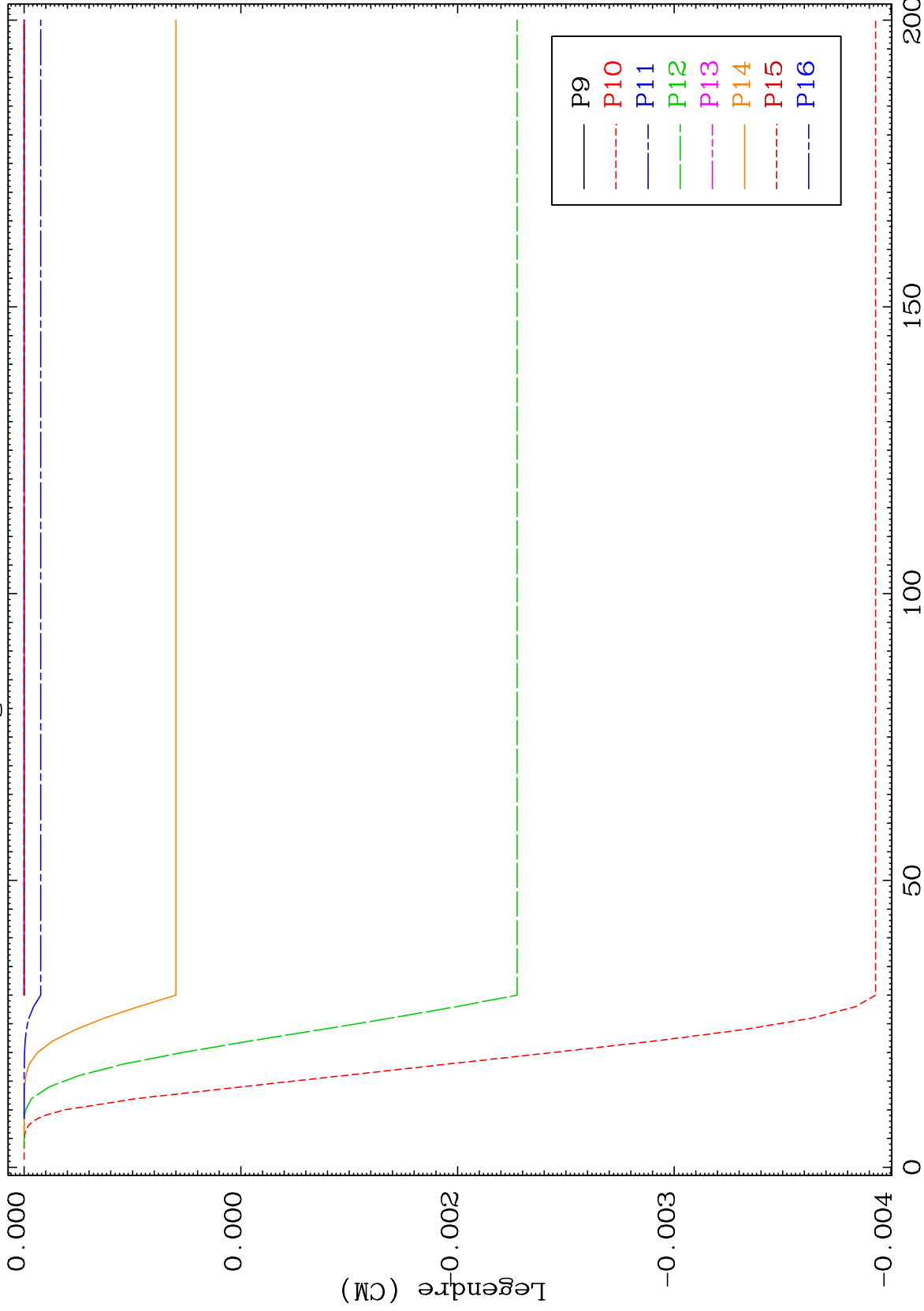
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



36

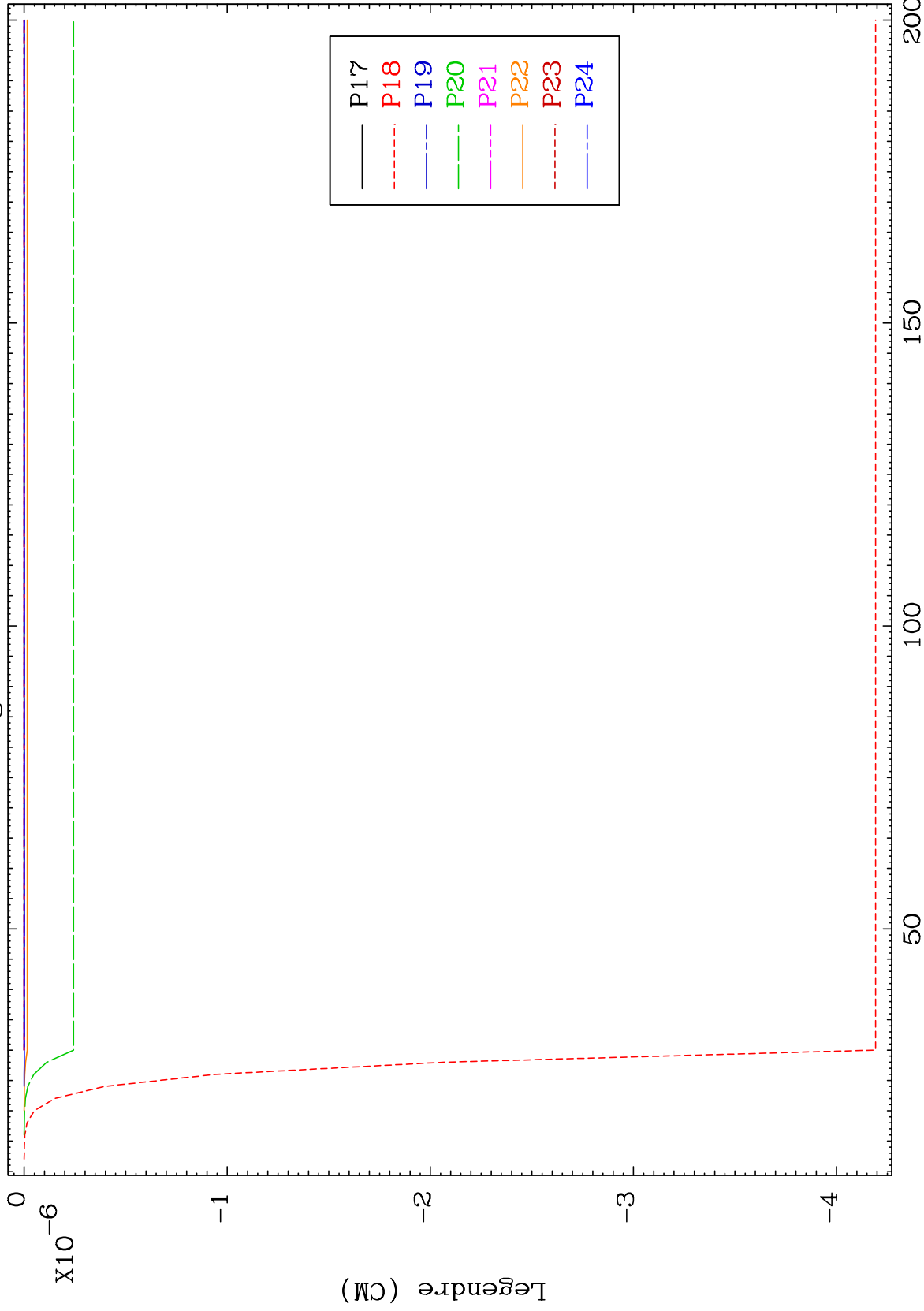
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78

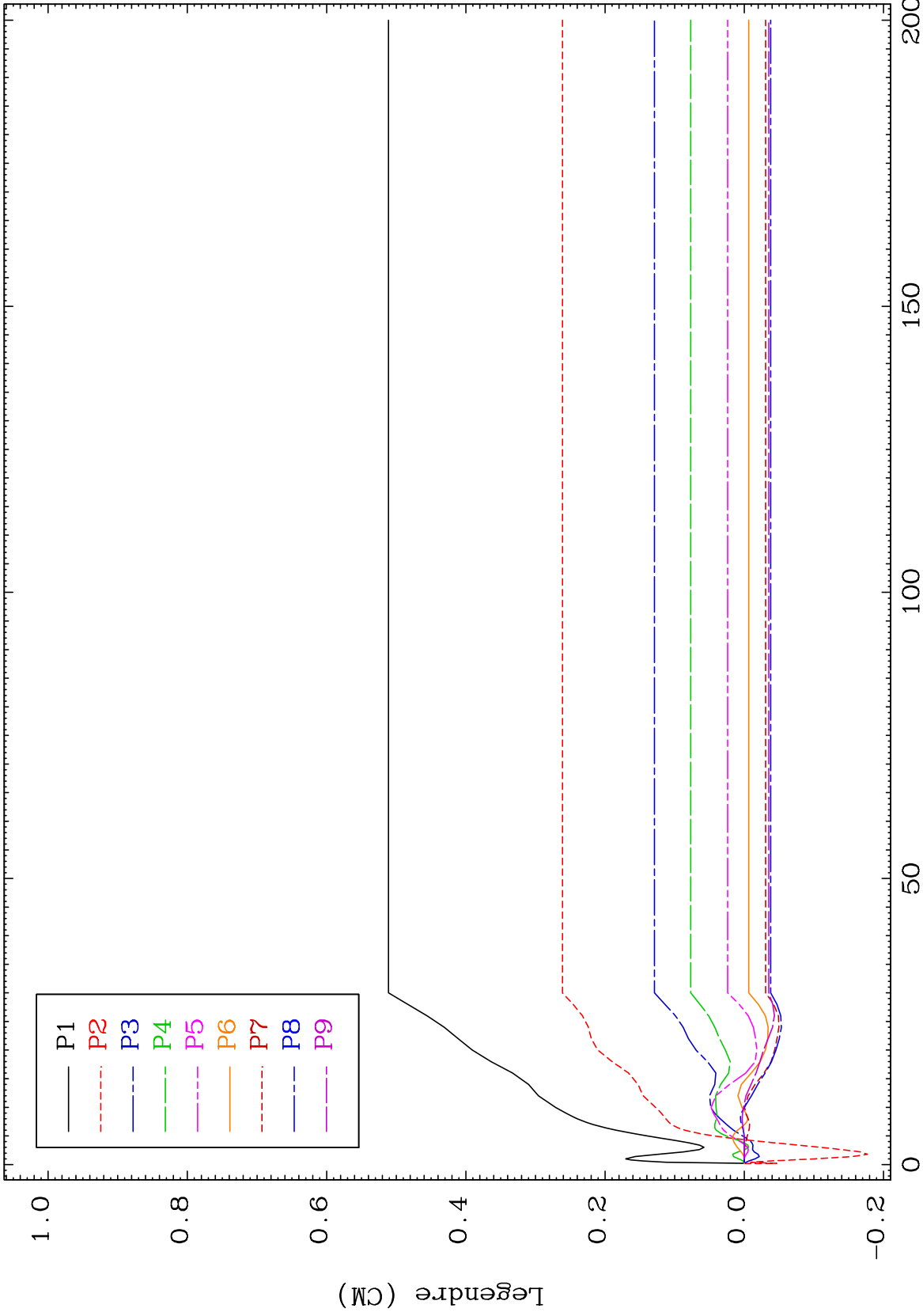


37

MAT 3704

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

37-Rb-78



38

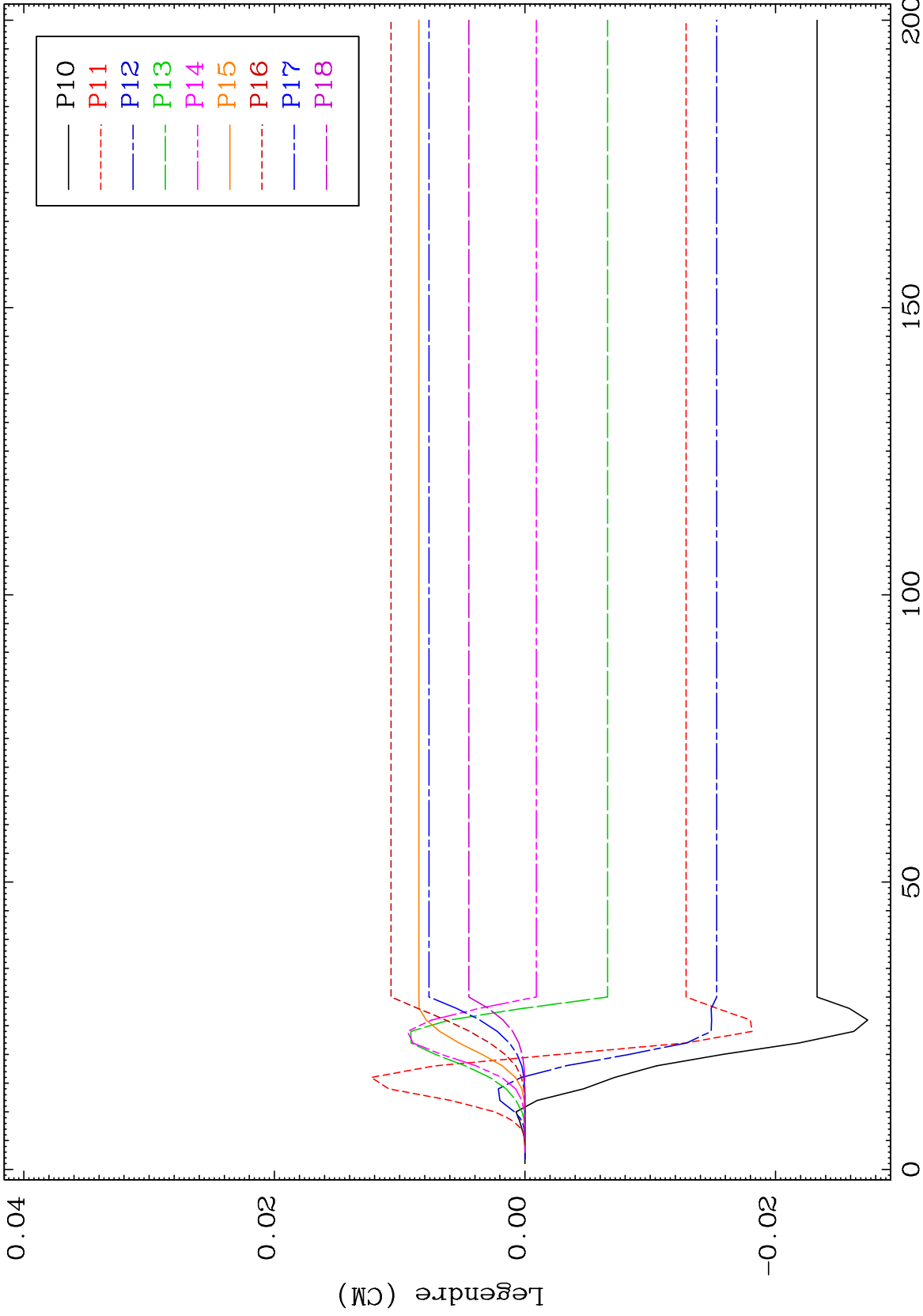
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



39

Incident Energy (MeV)

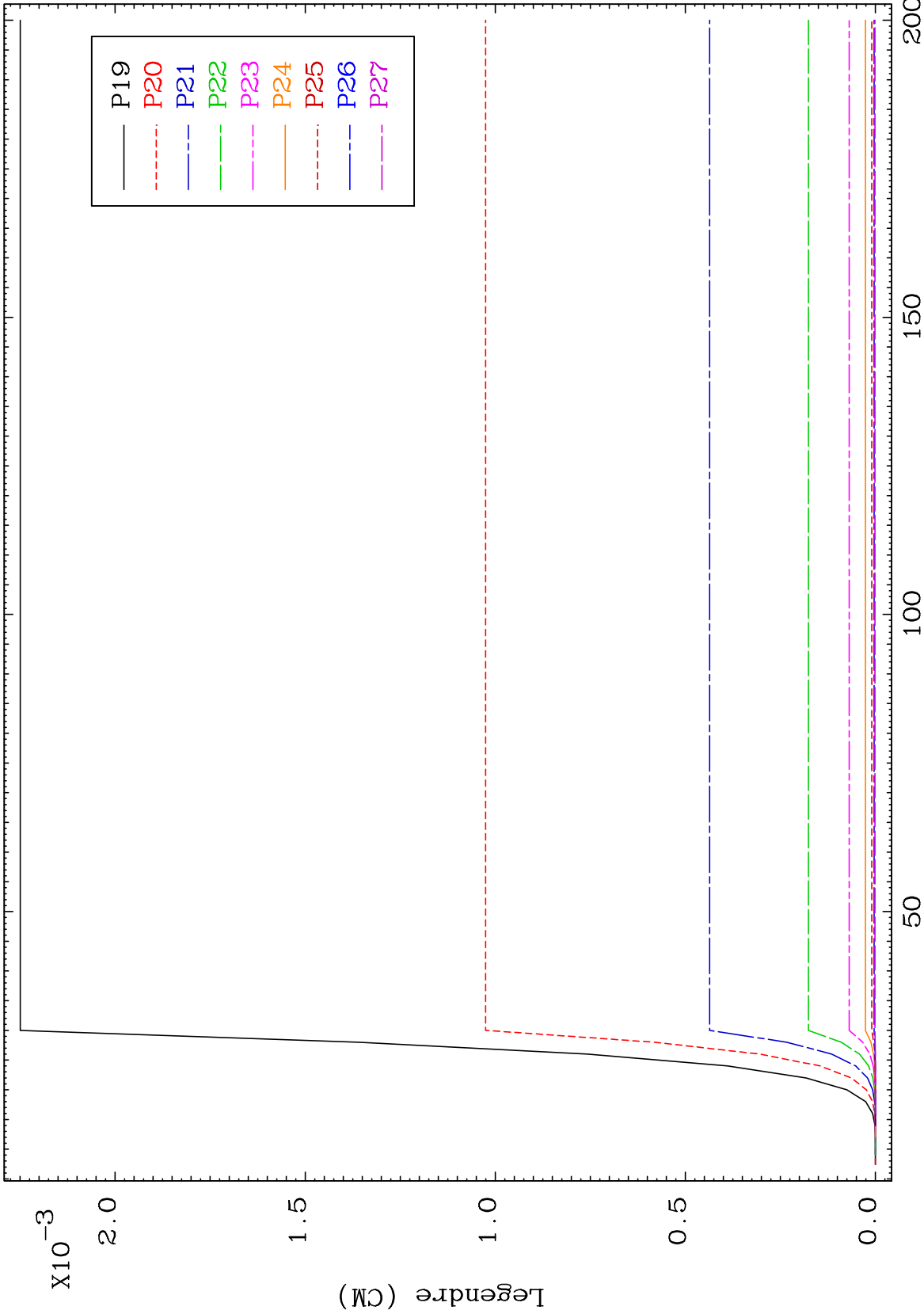
37-Rb-78



MAT 3704

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

37-Rb-78



40

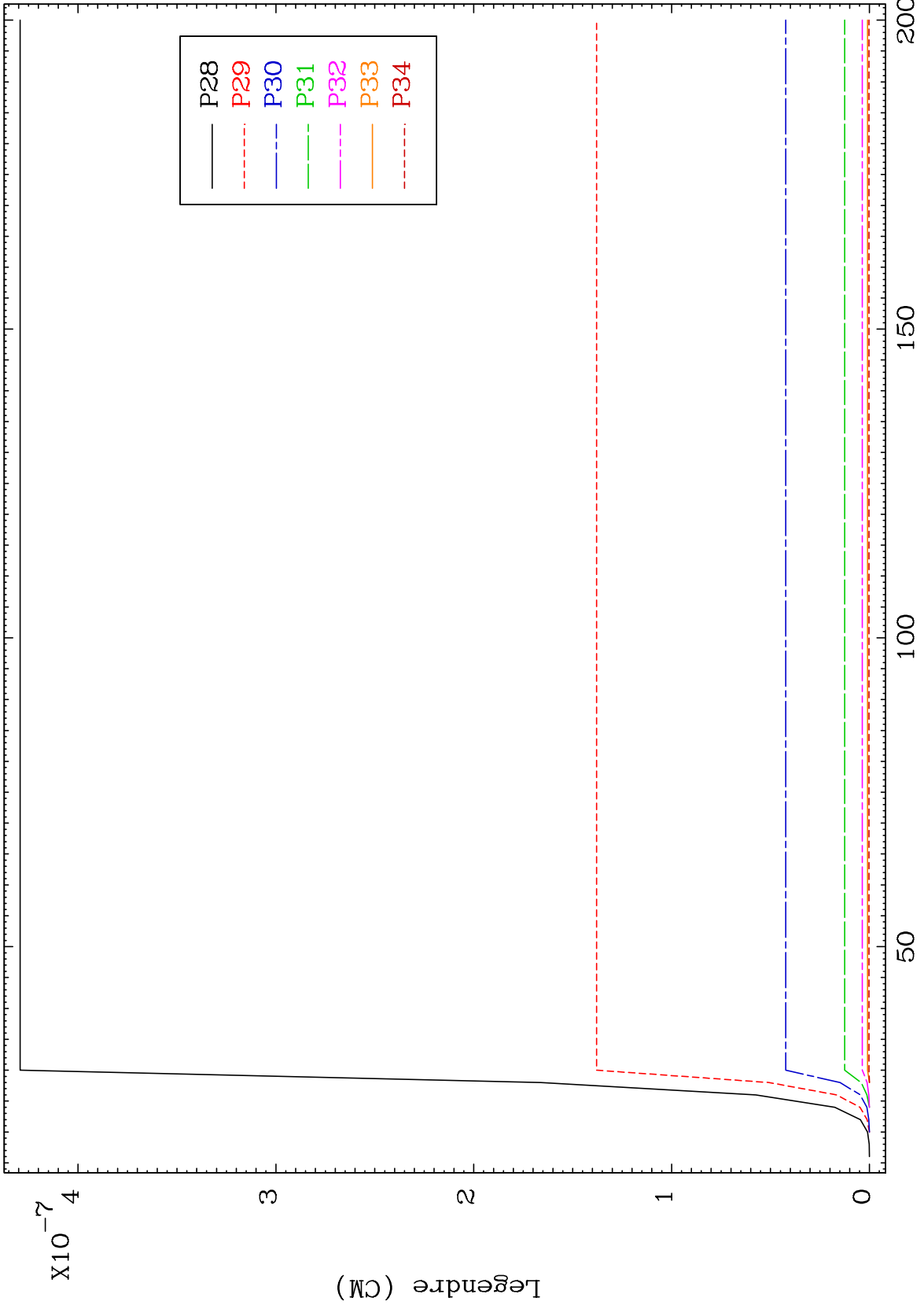
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



41

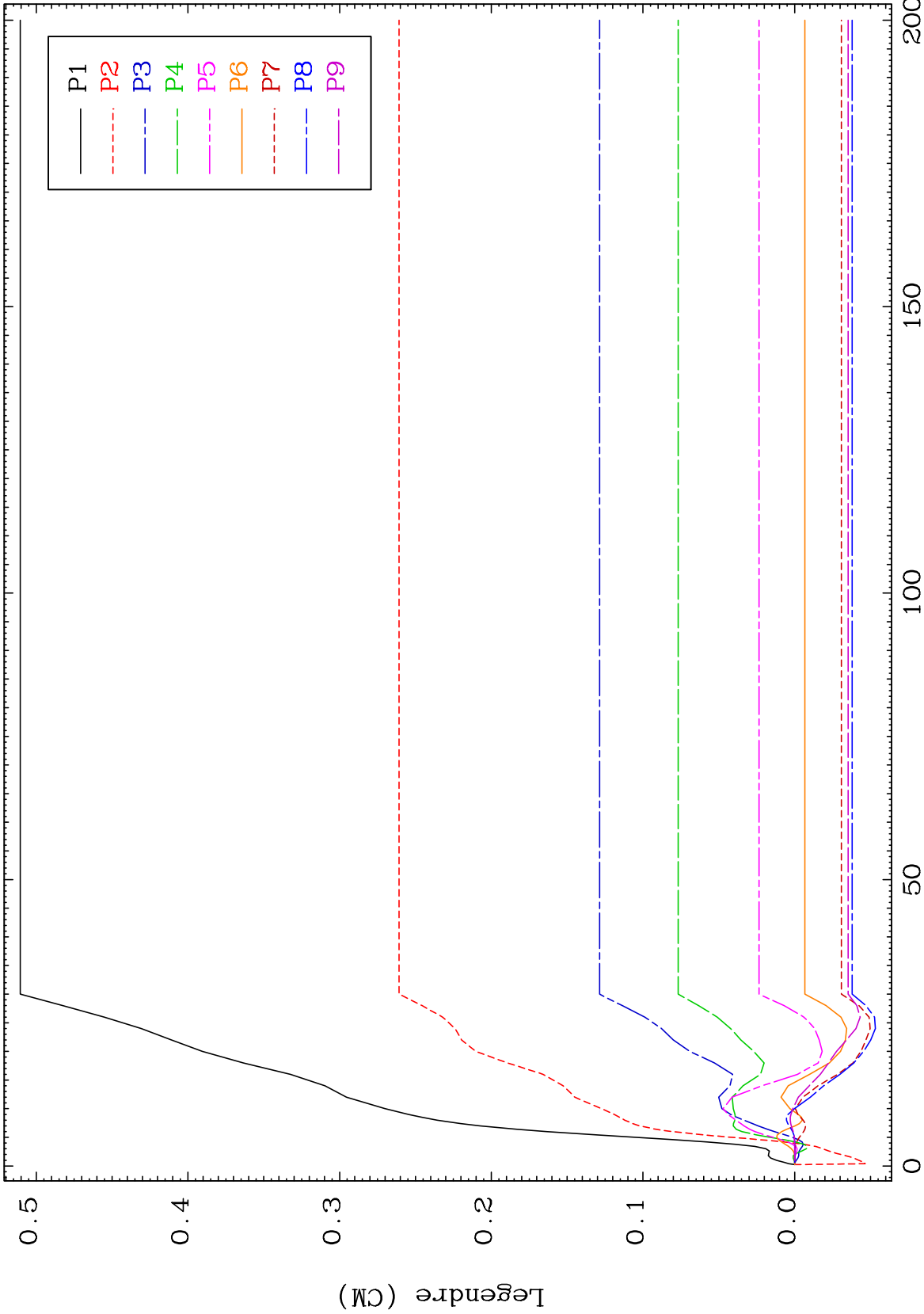
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



42

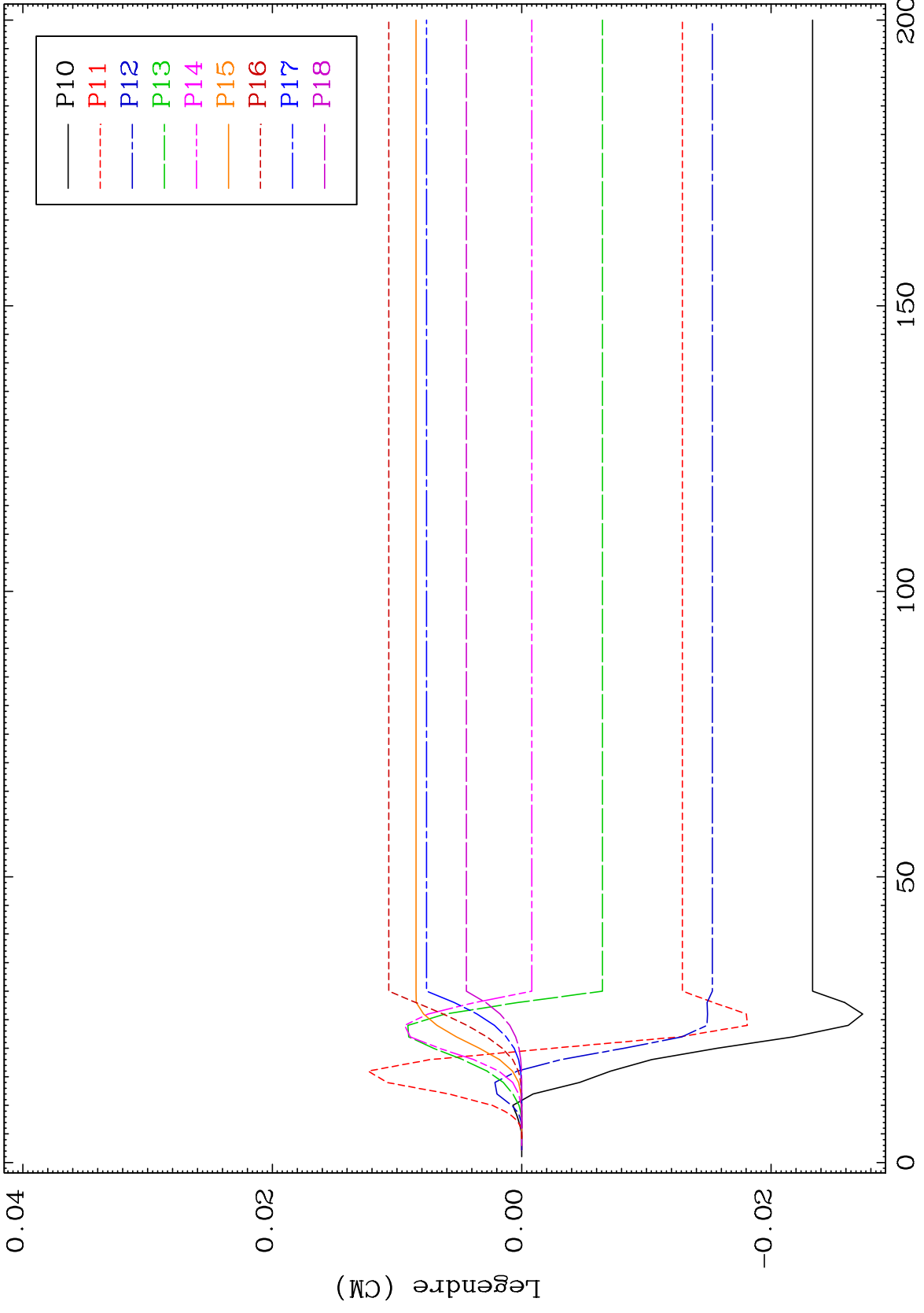
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



43

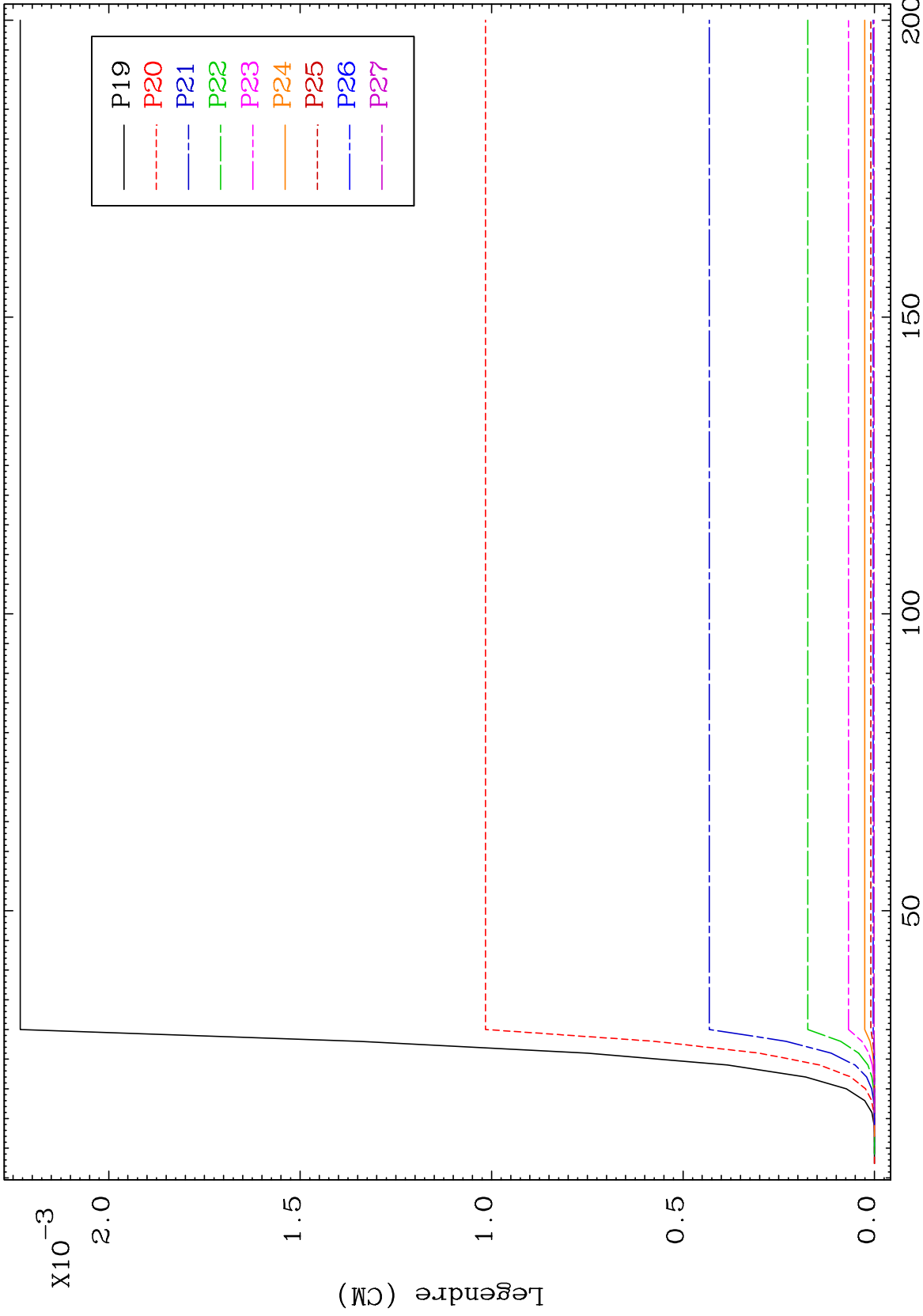
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



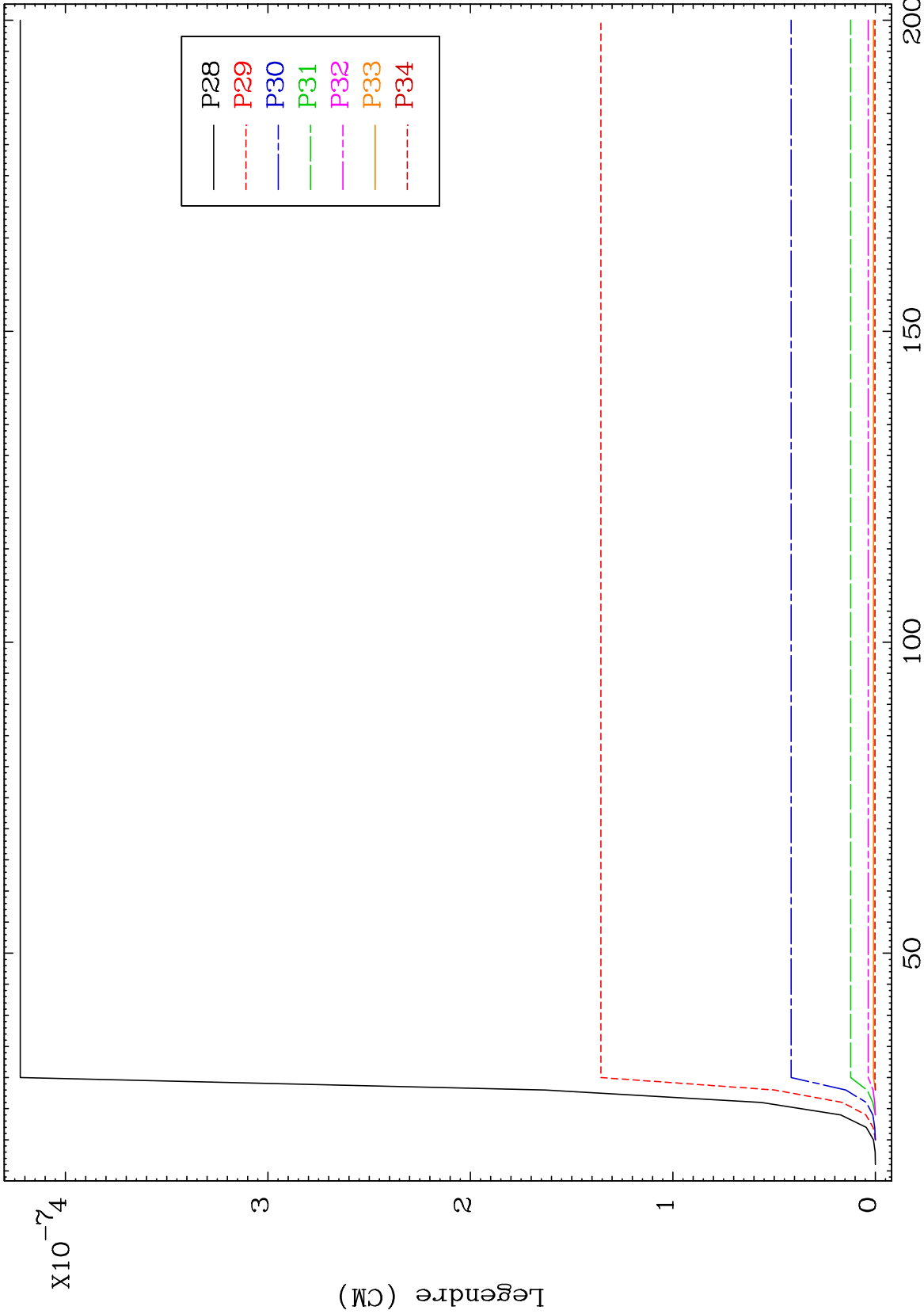
44

37-Rb-78

MAT 3704

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

37-Rb-78



45

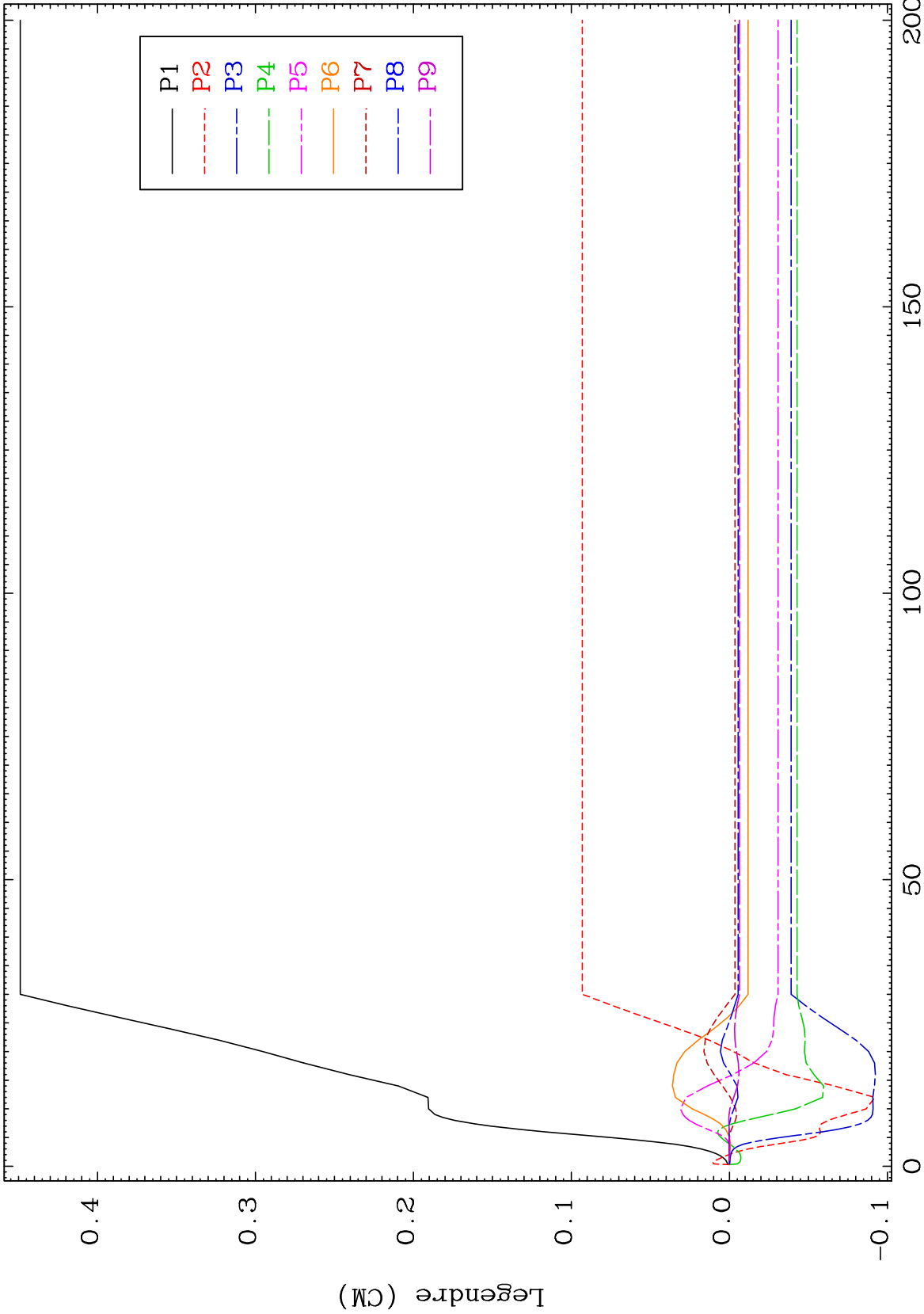
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



46

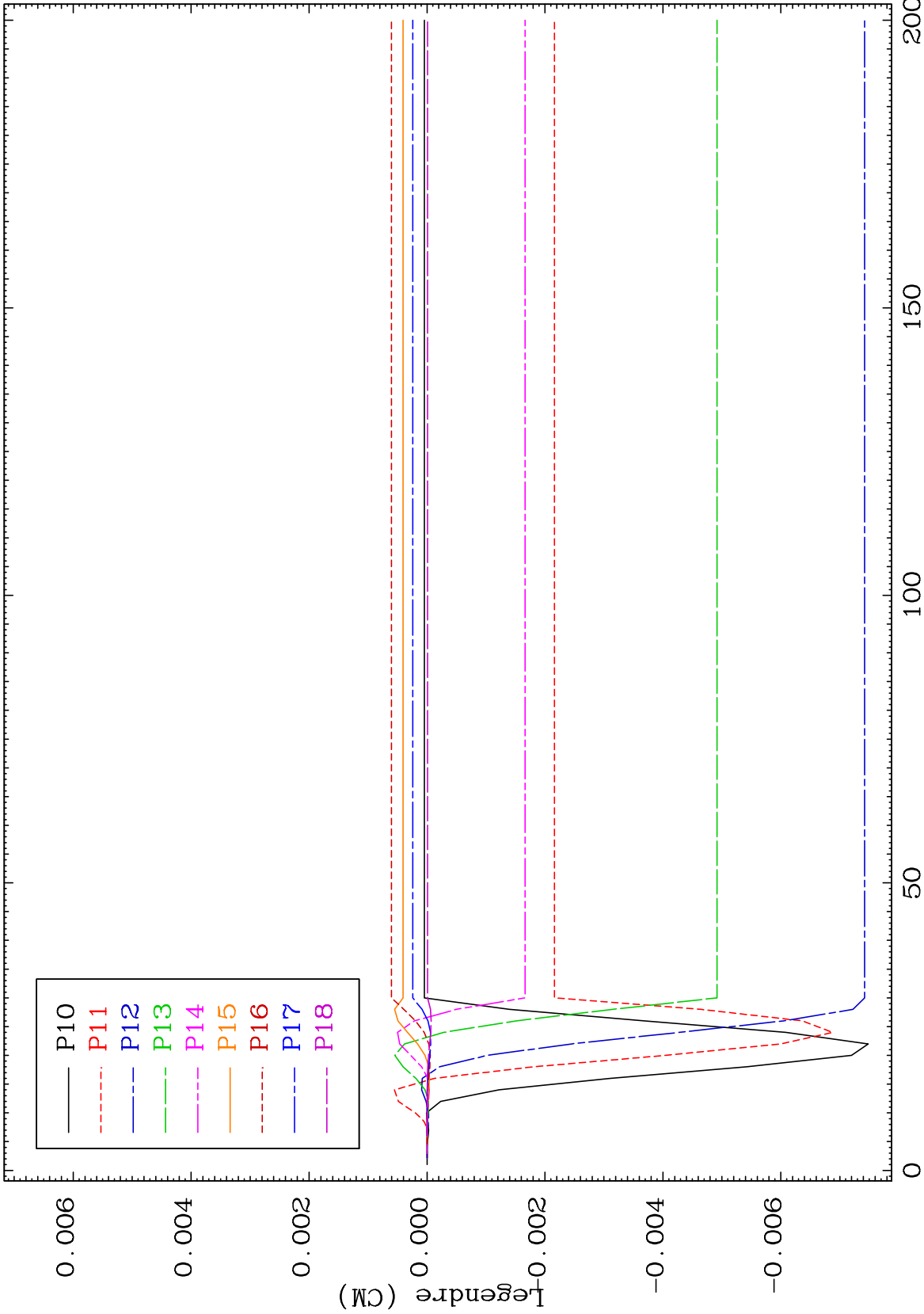
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



47

Incident Energy (MeV)

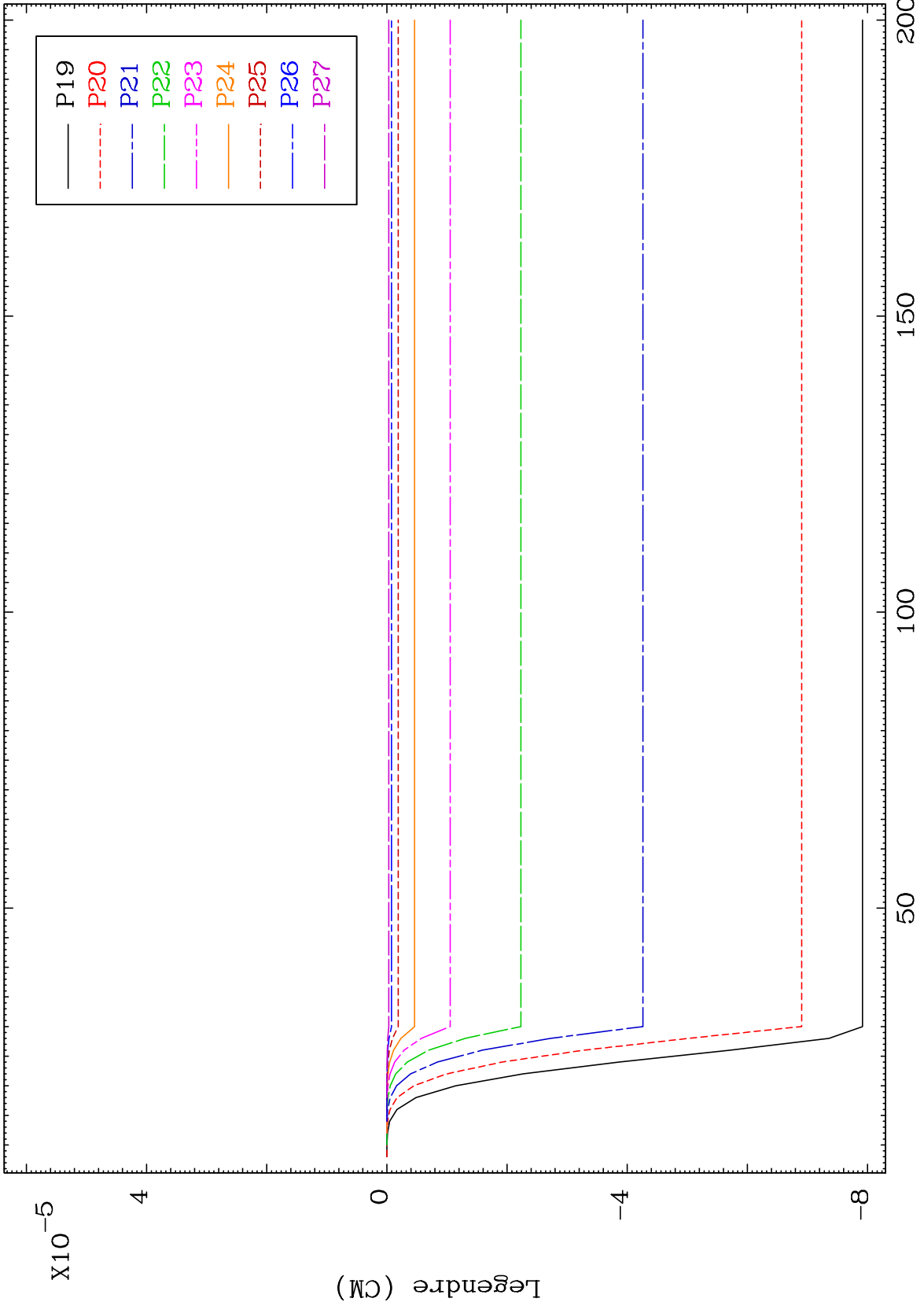
37-Rb-78



MAT 3704

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

37-Rb-78



48

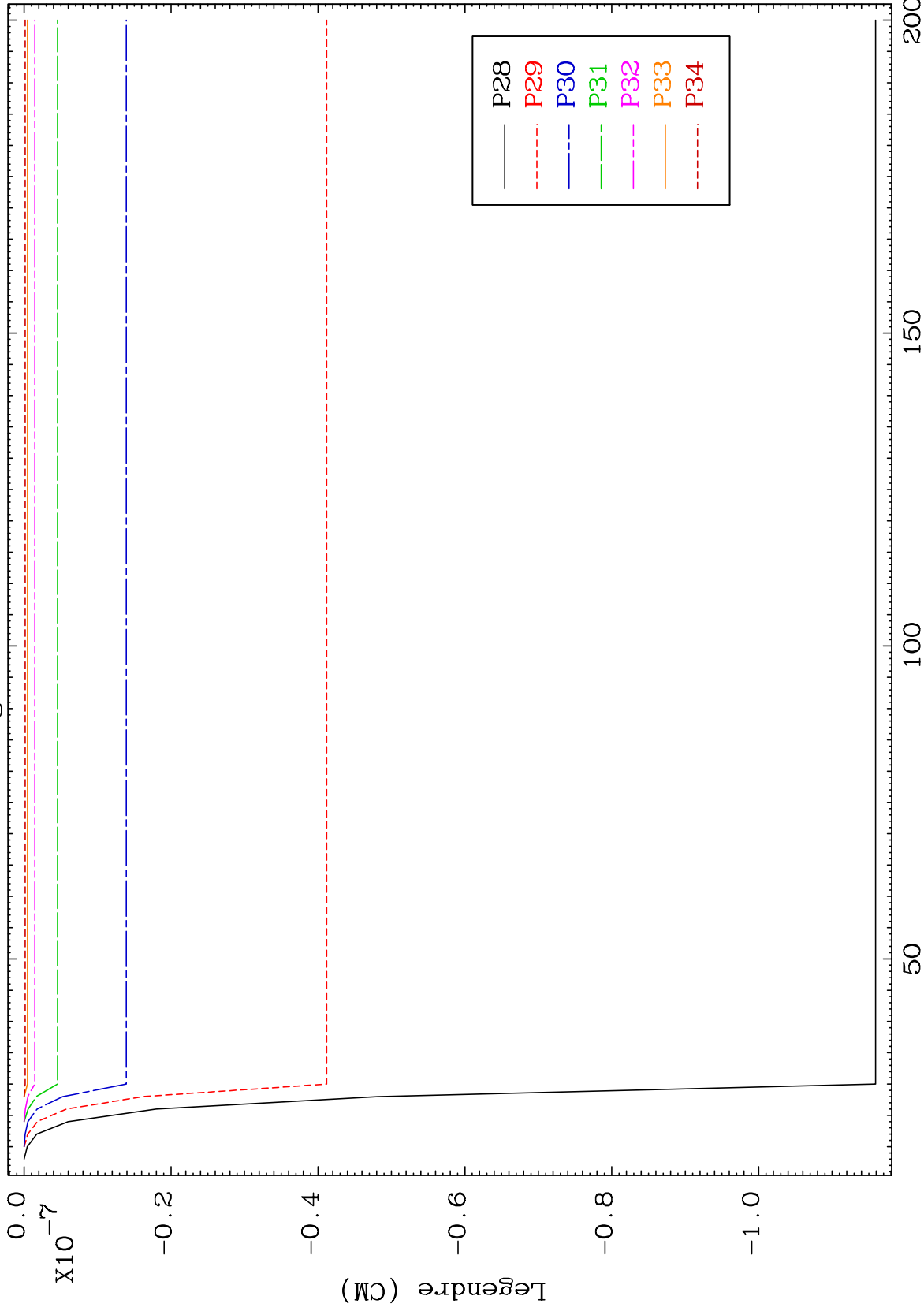
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



49

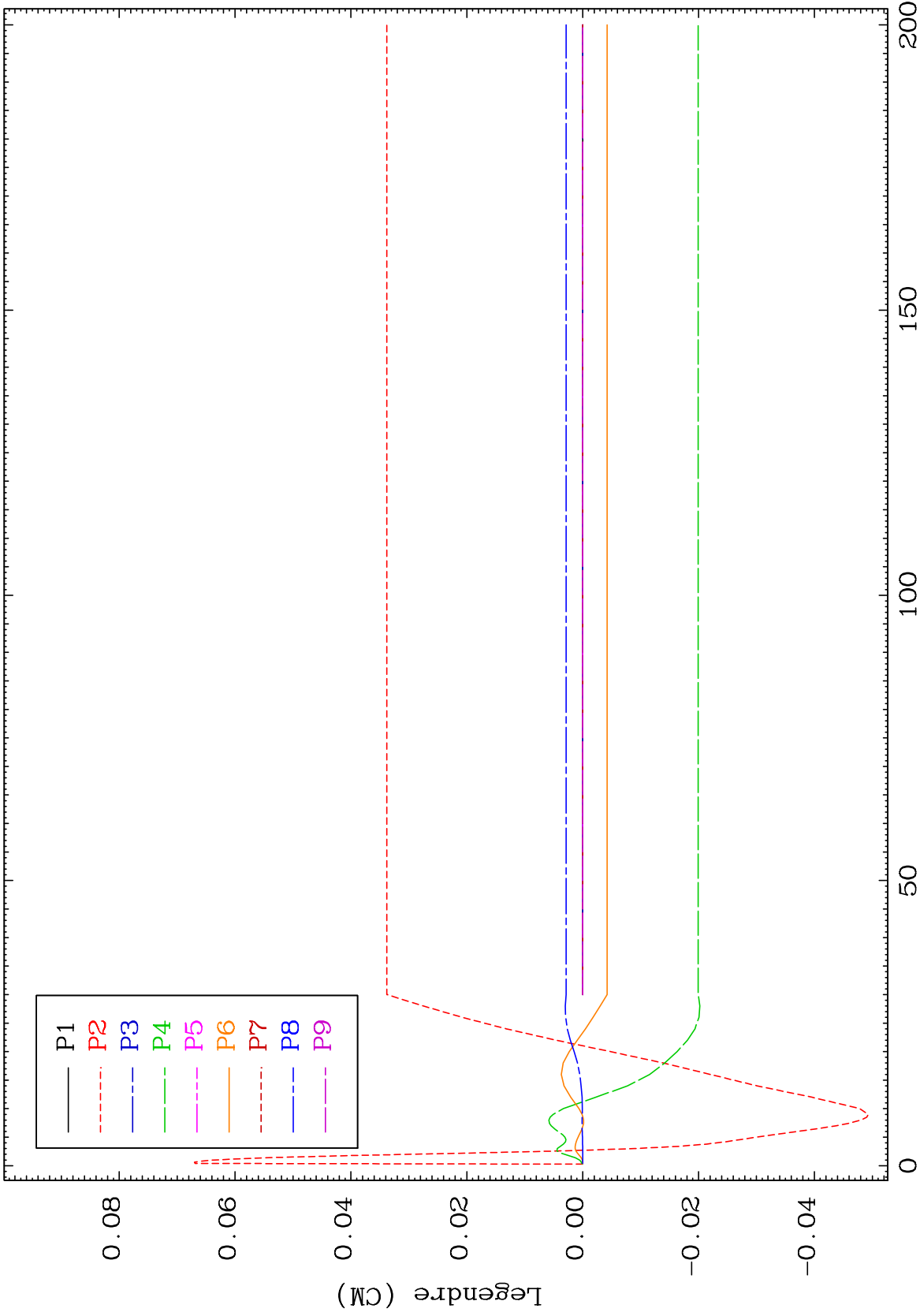
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



50

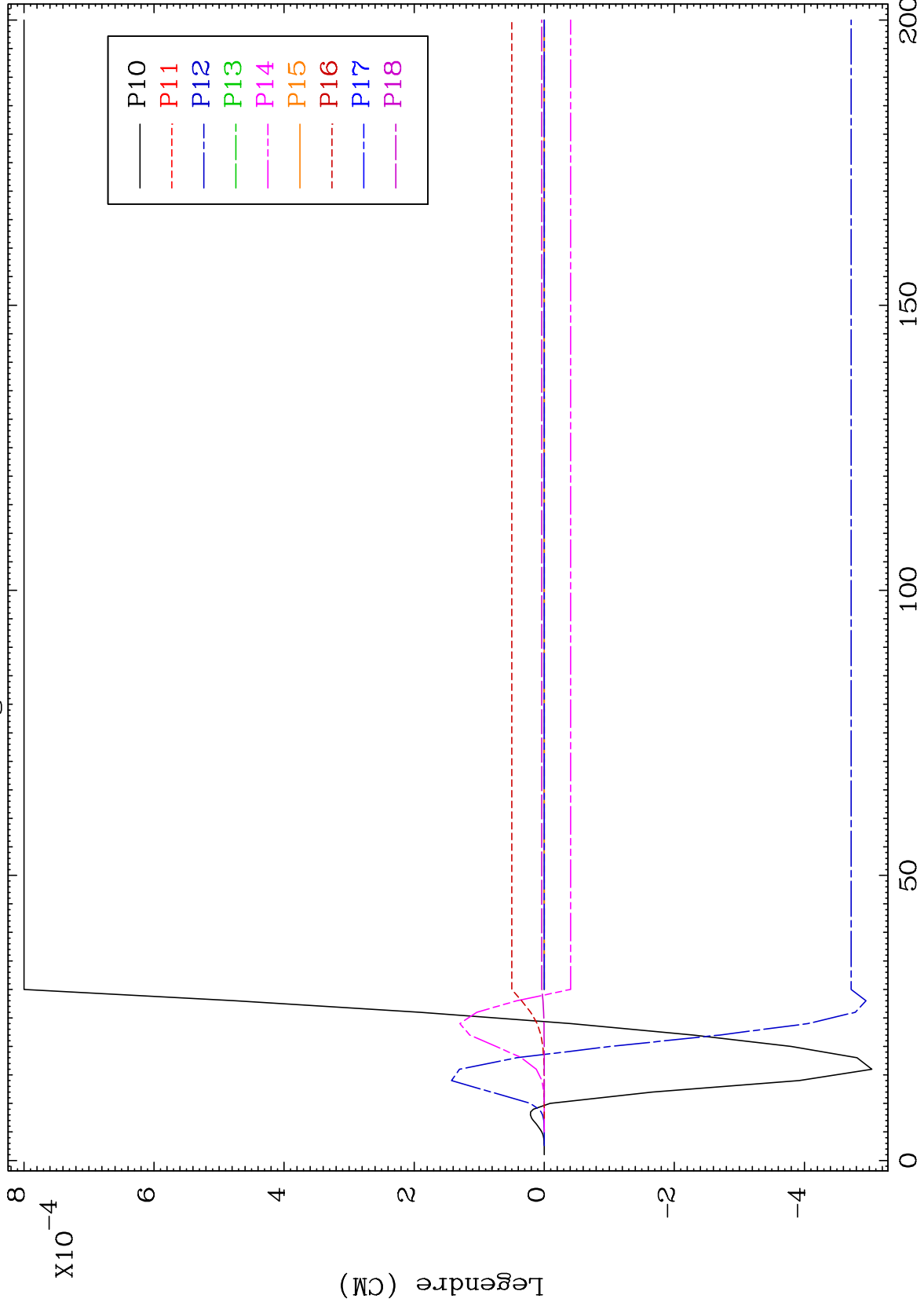
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



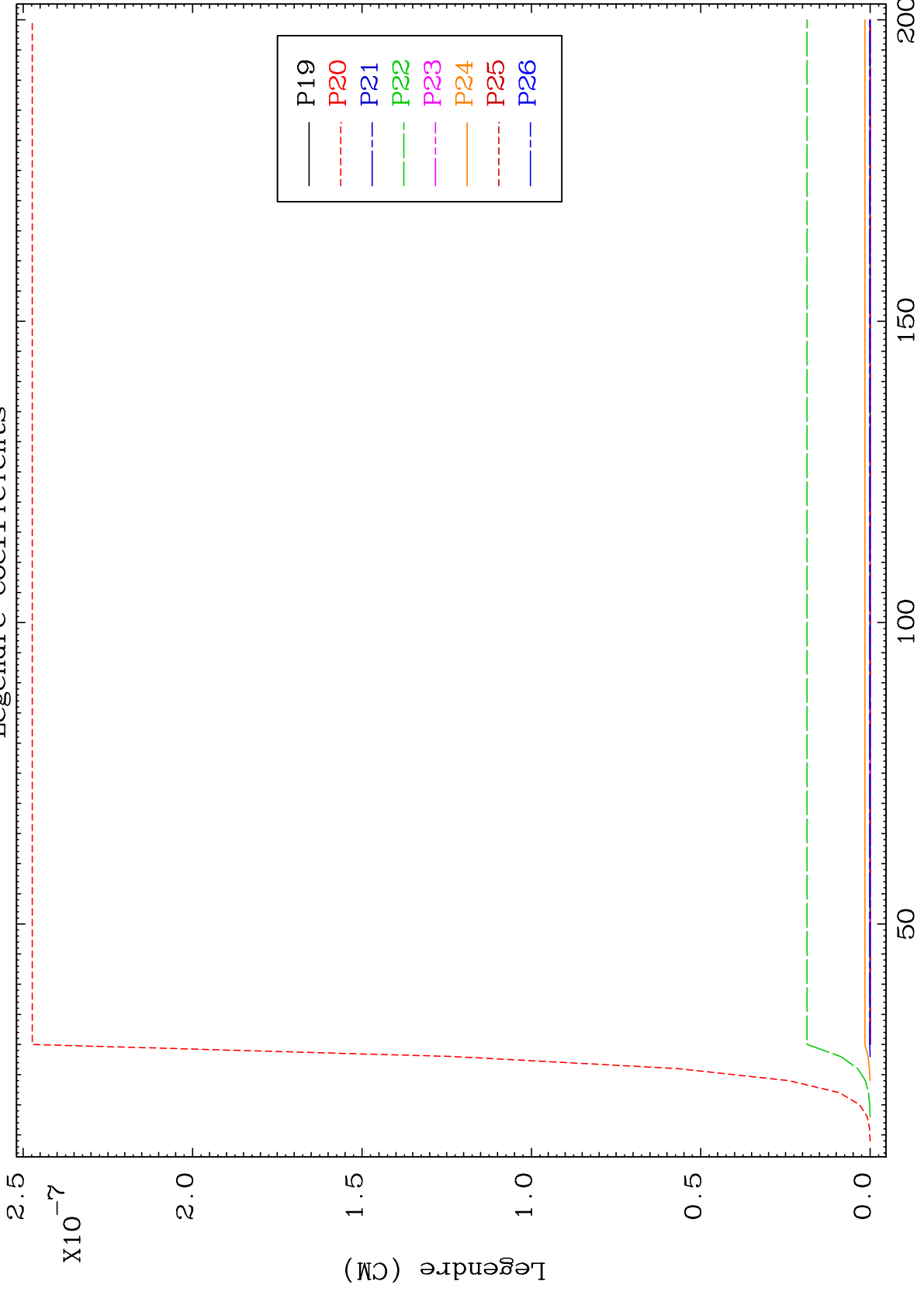
51

37-Rb-78

MAT 3704

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

37-Rb-78



37-Rb-78

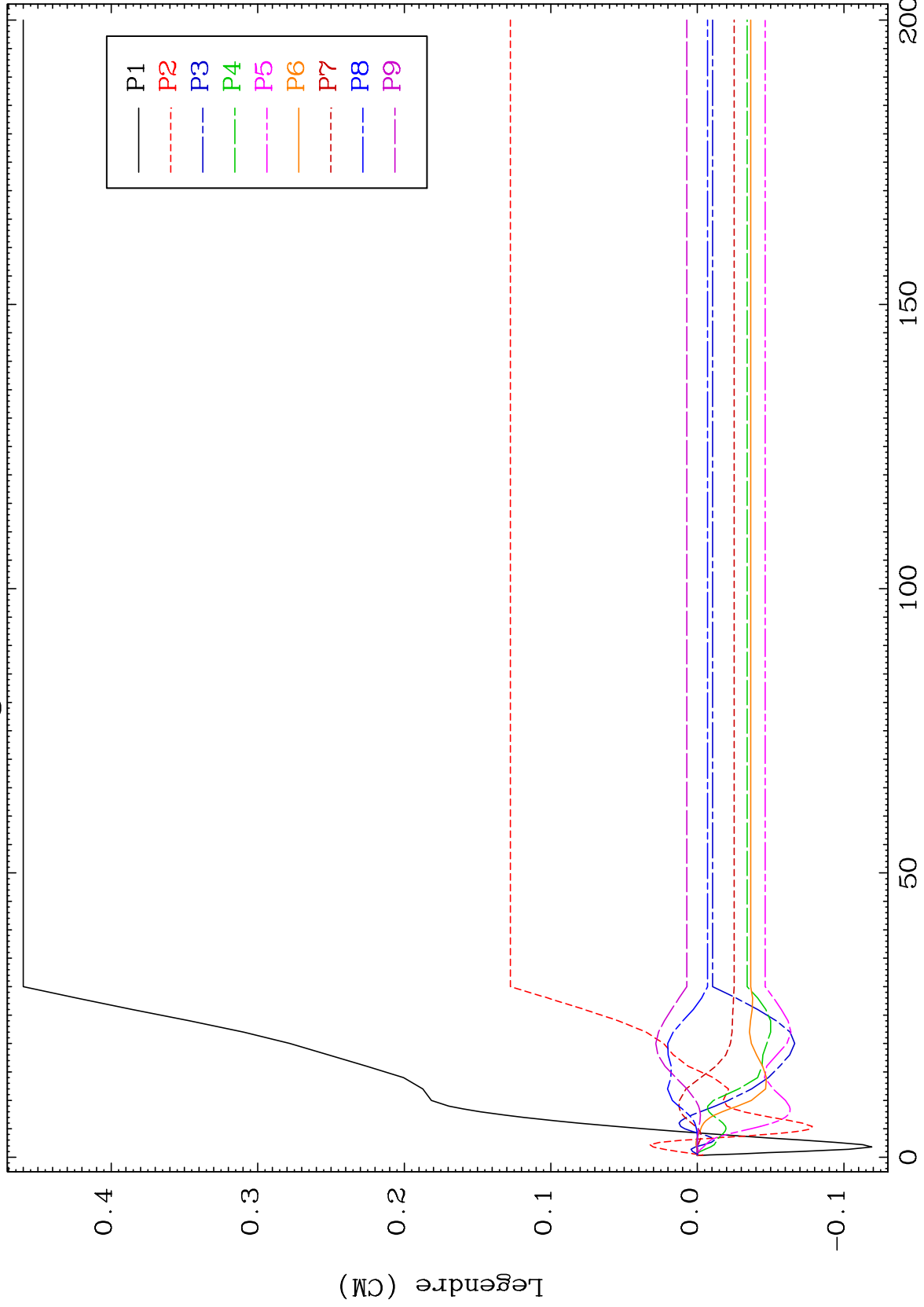
Incident Energy (MeV)

52

MAT 3704

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

37-Rb-78



53

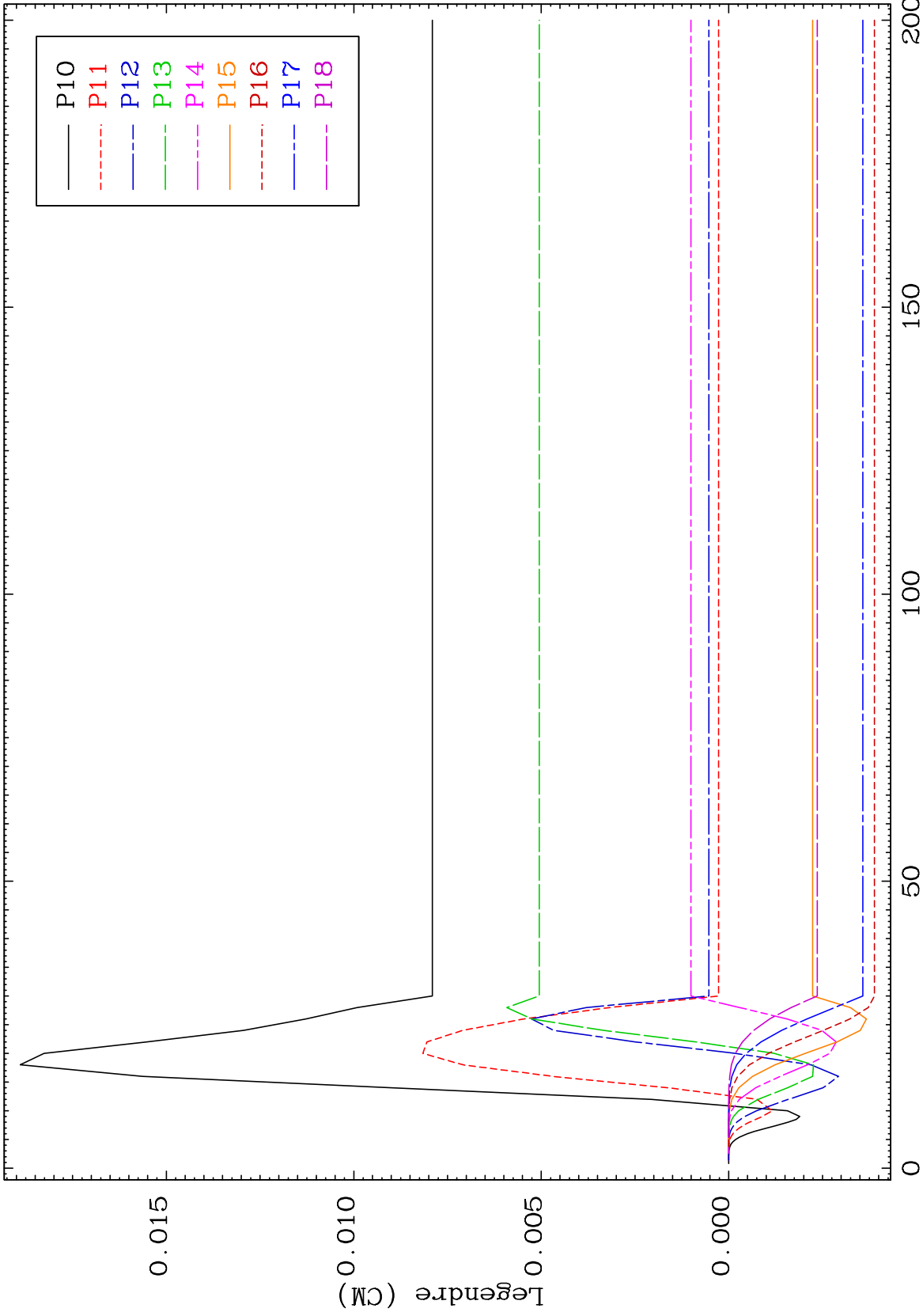
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



54

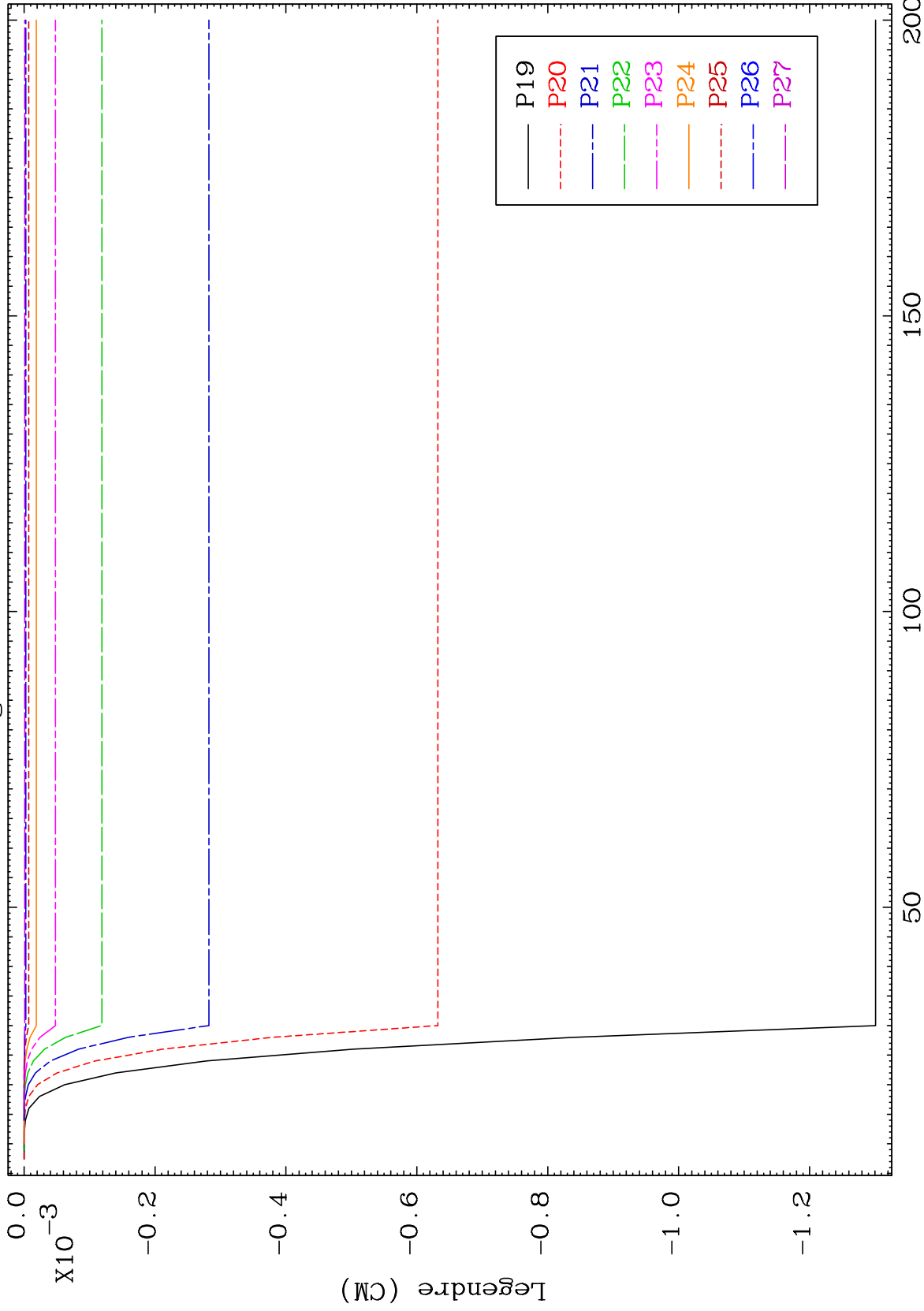
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



37-Rb-78

Incident Energy (MeV)

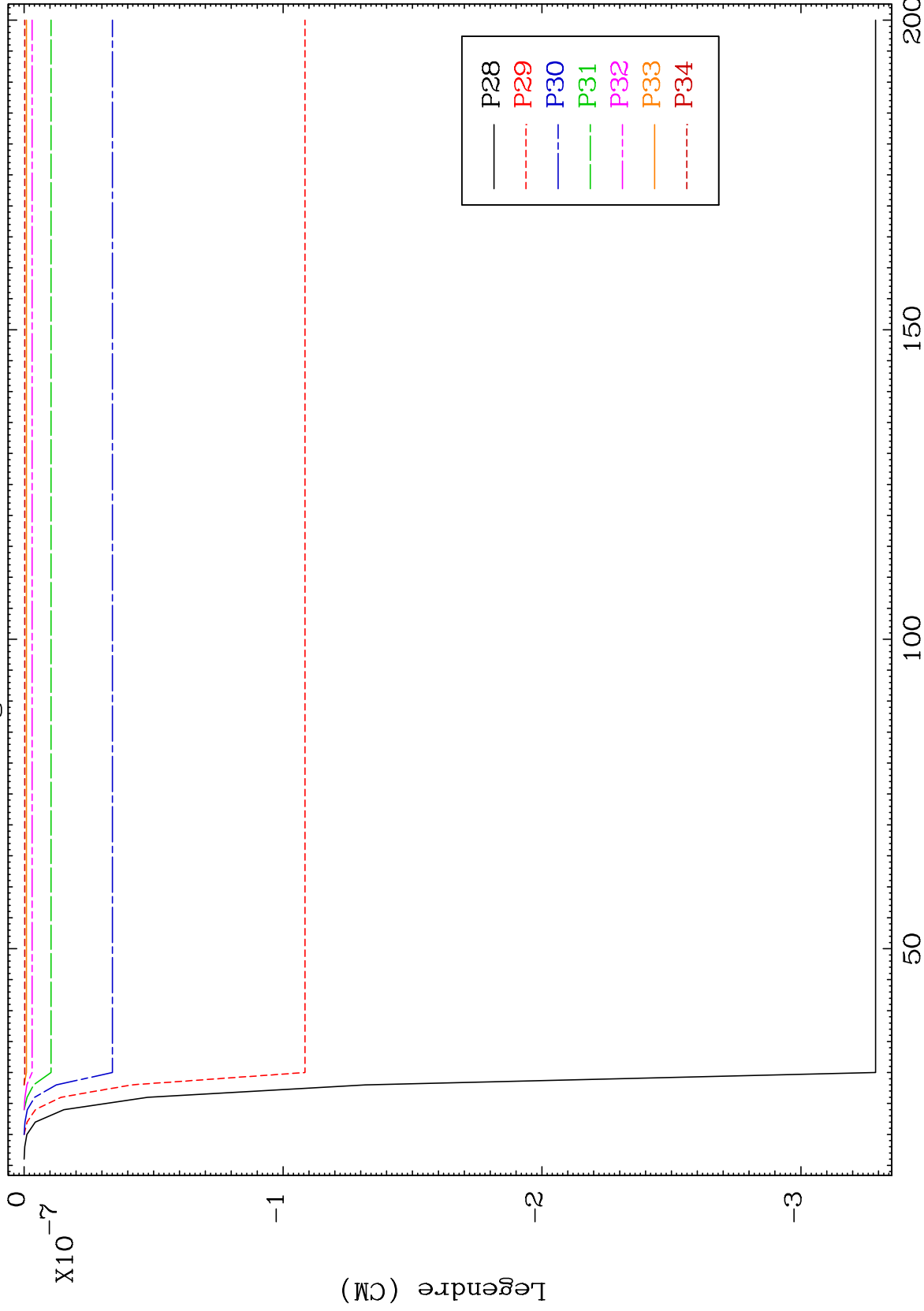
55



MAT 3704

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

37-Rb-78

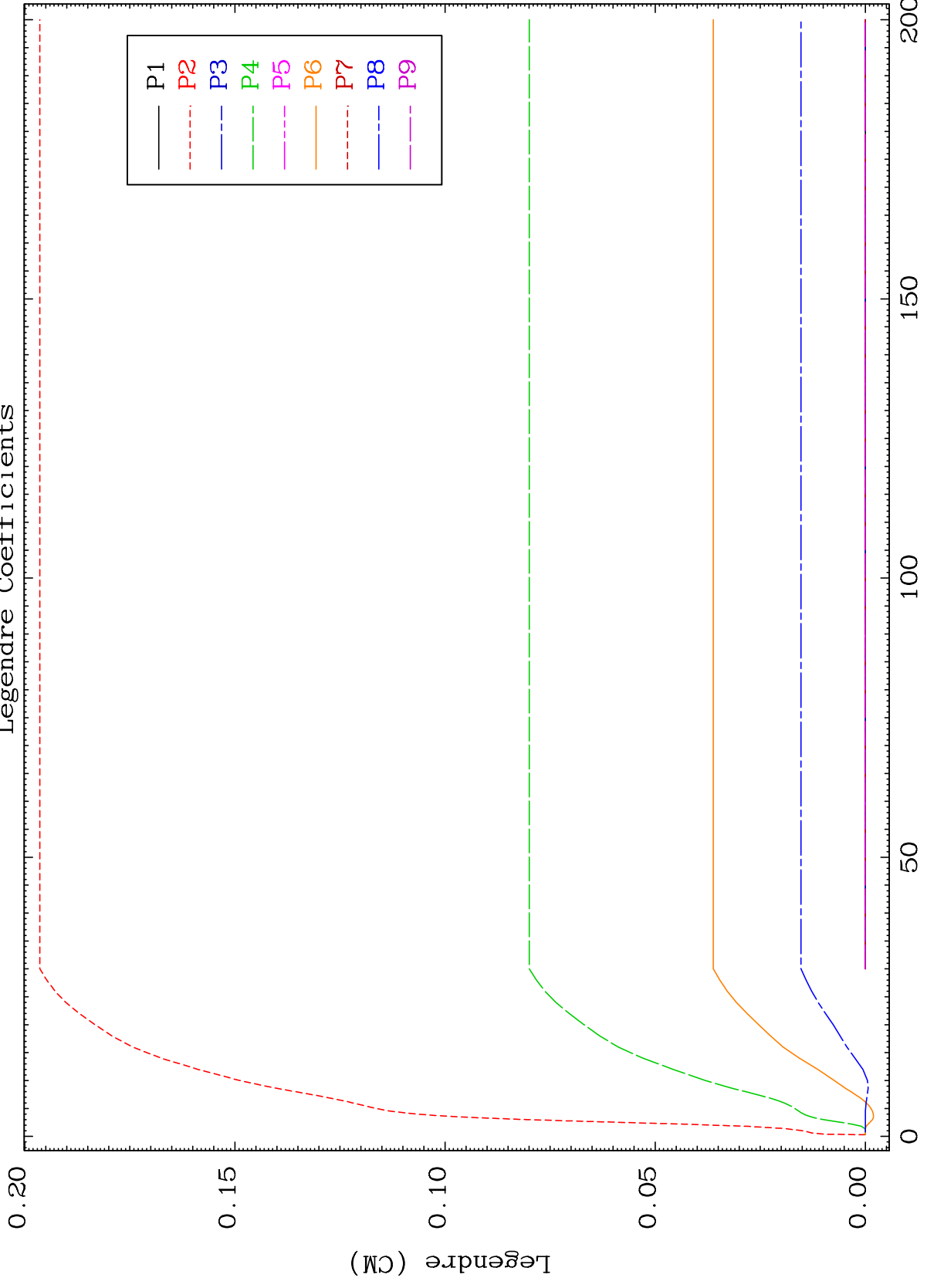


37-Rb-78

Incident Energy (MeV)

56

MAT 3704 MT= 62 (n,n') Level Legendre Coefficients 37-Rb-78

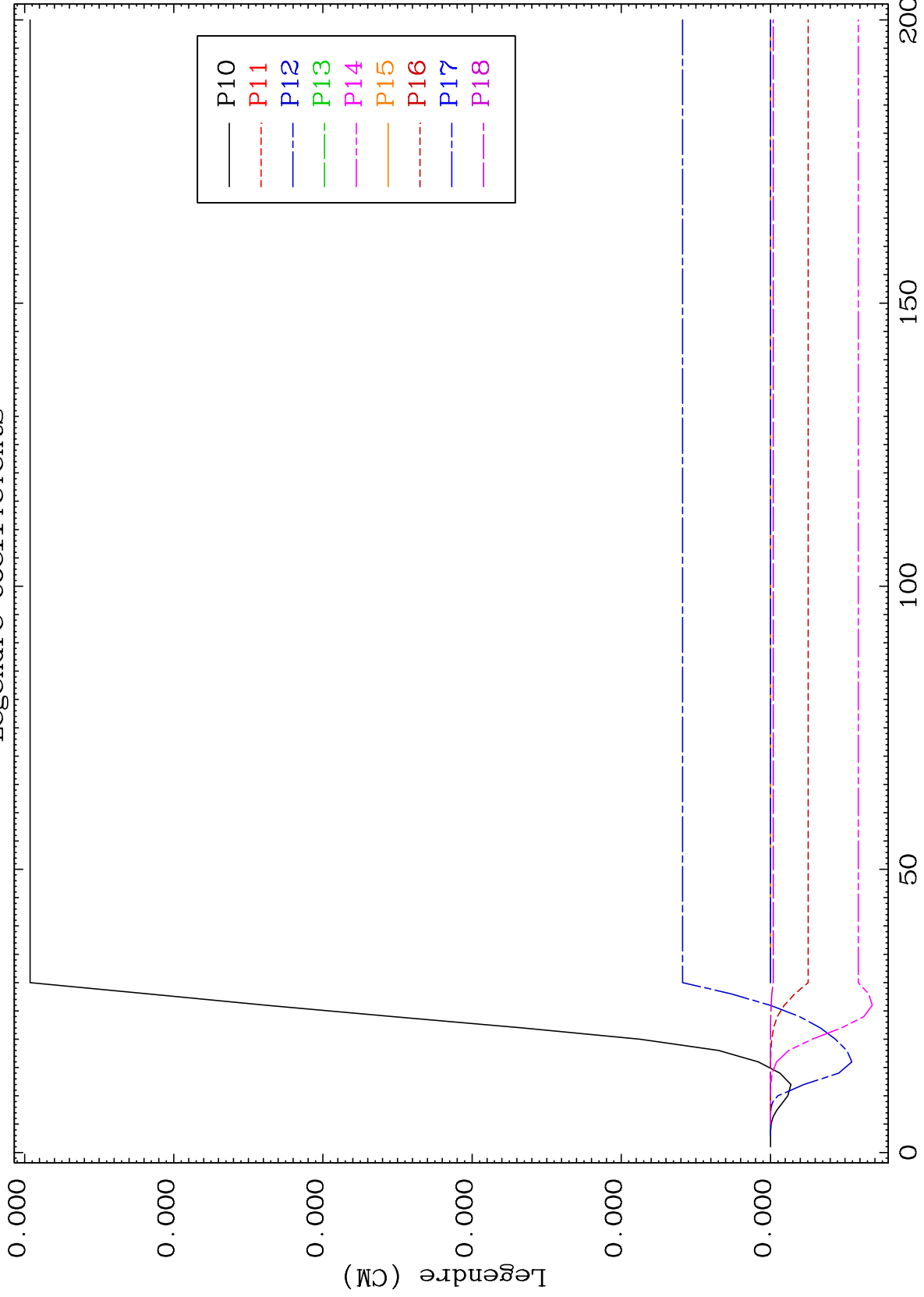


57 37-Rb-78

MAT 3704

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

37-Rb-78



58

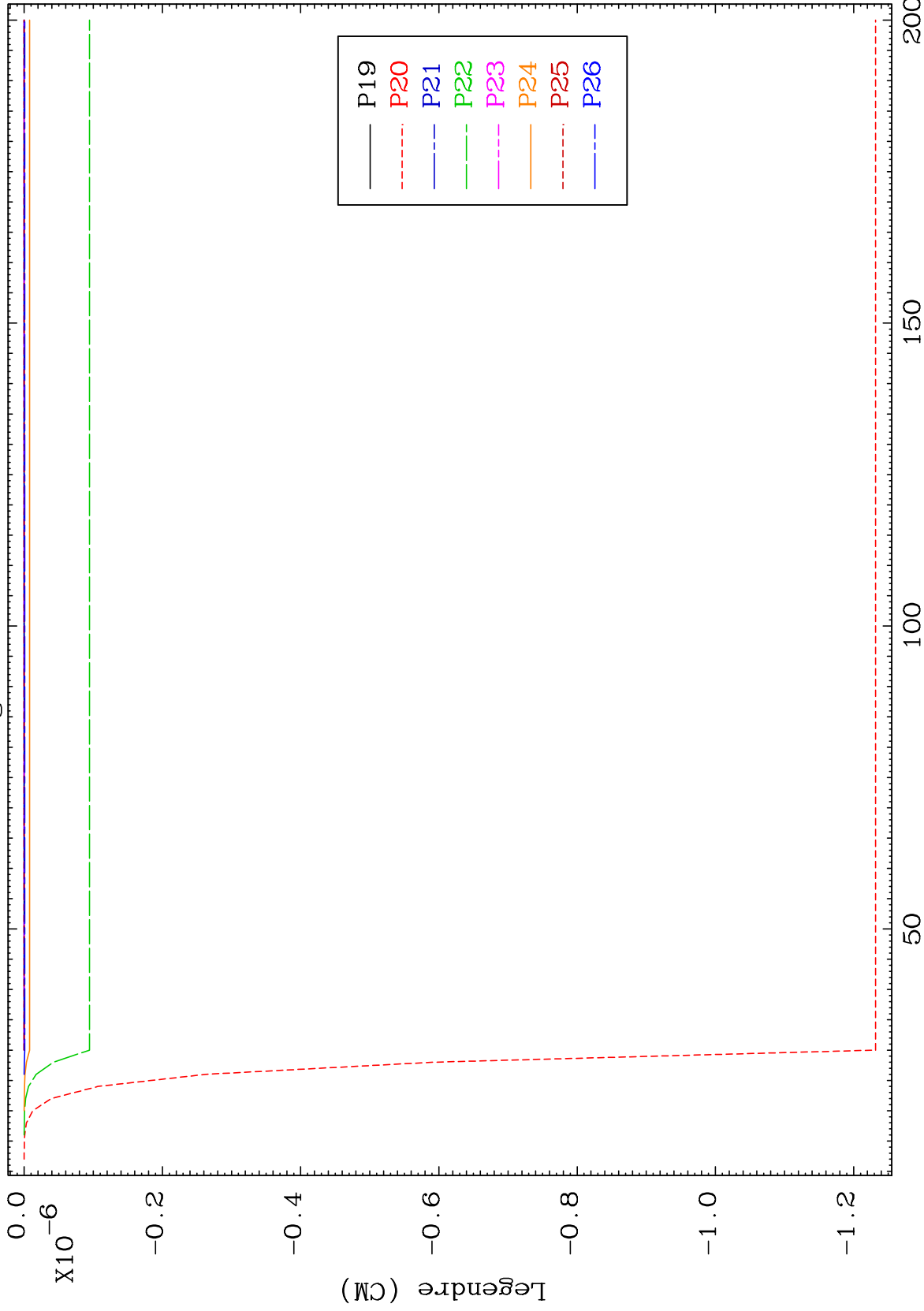
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78

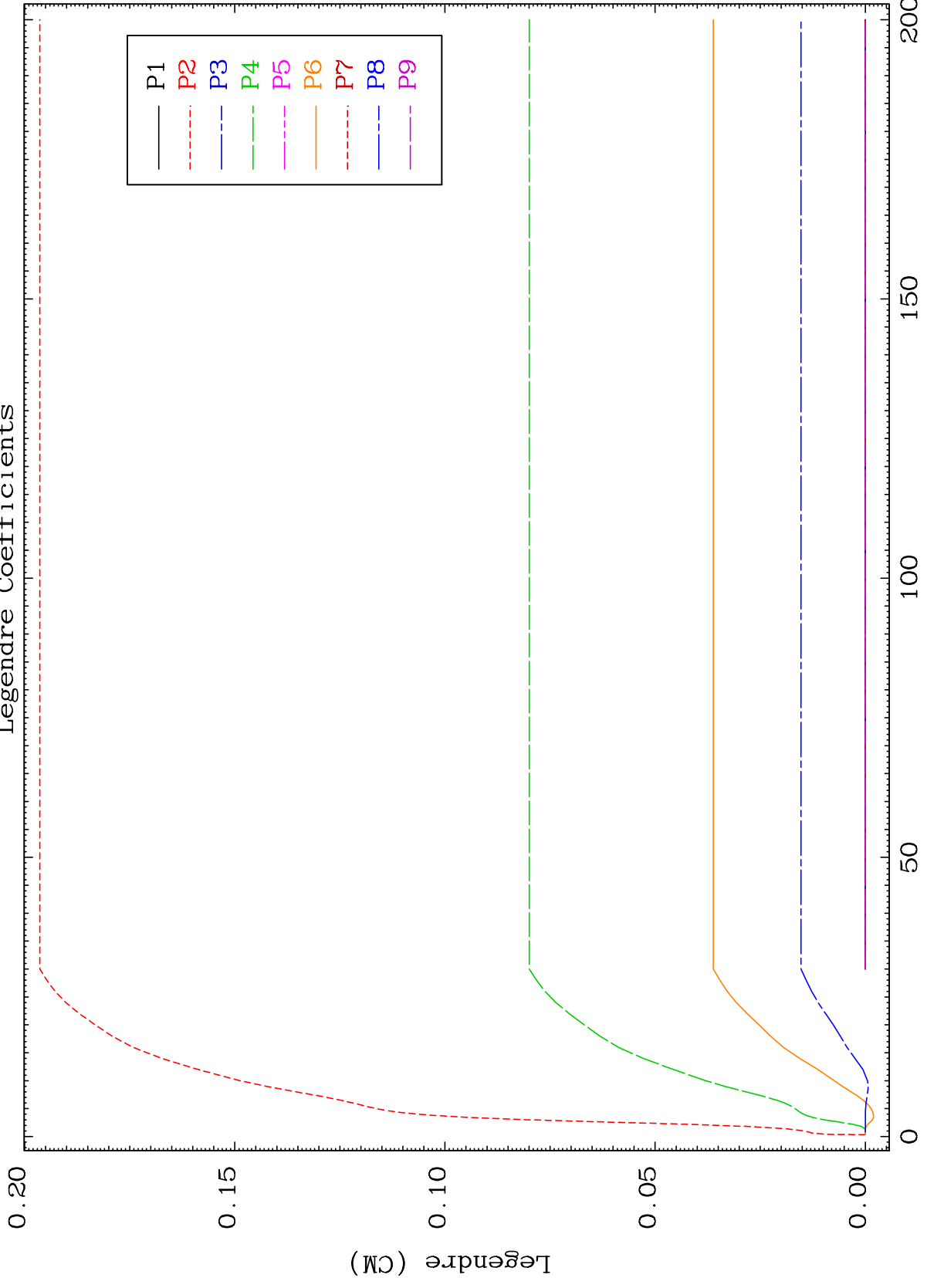


59

Incident Energy (MeV)

37-Rb-78

MAT 3704 MT= 63 (n,n') Level Legendre Coefficients 37-Rb-78

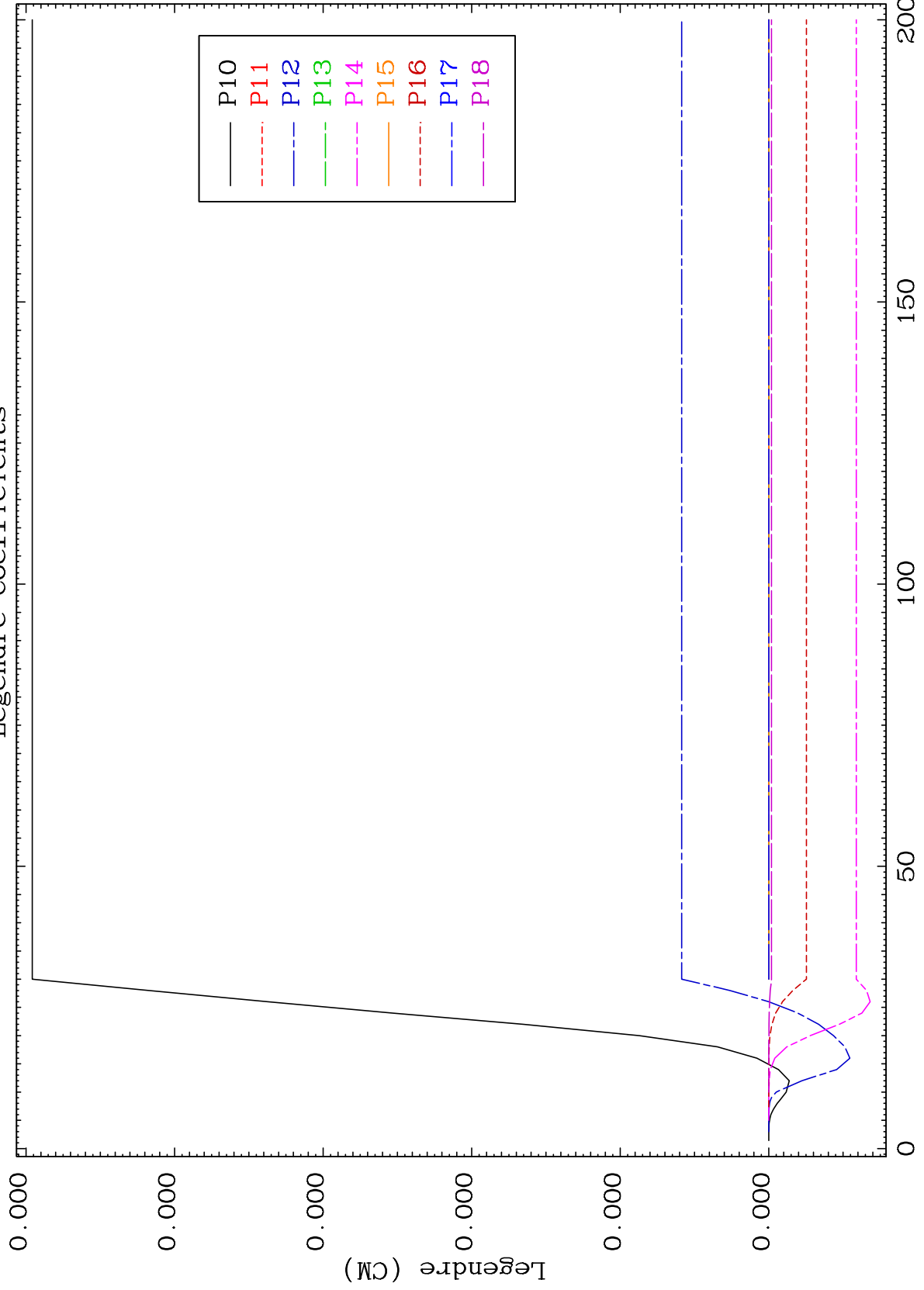


37-Rb-78

MAT 3704

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

37-Rb-78



61

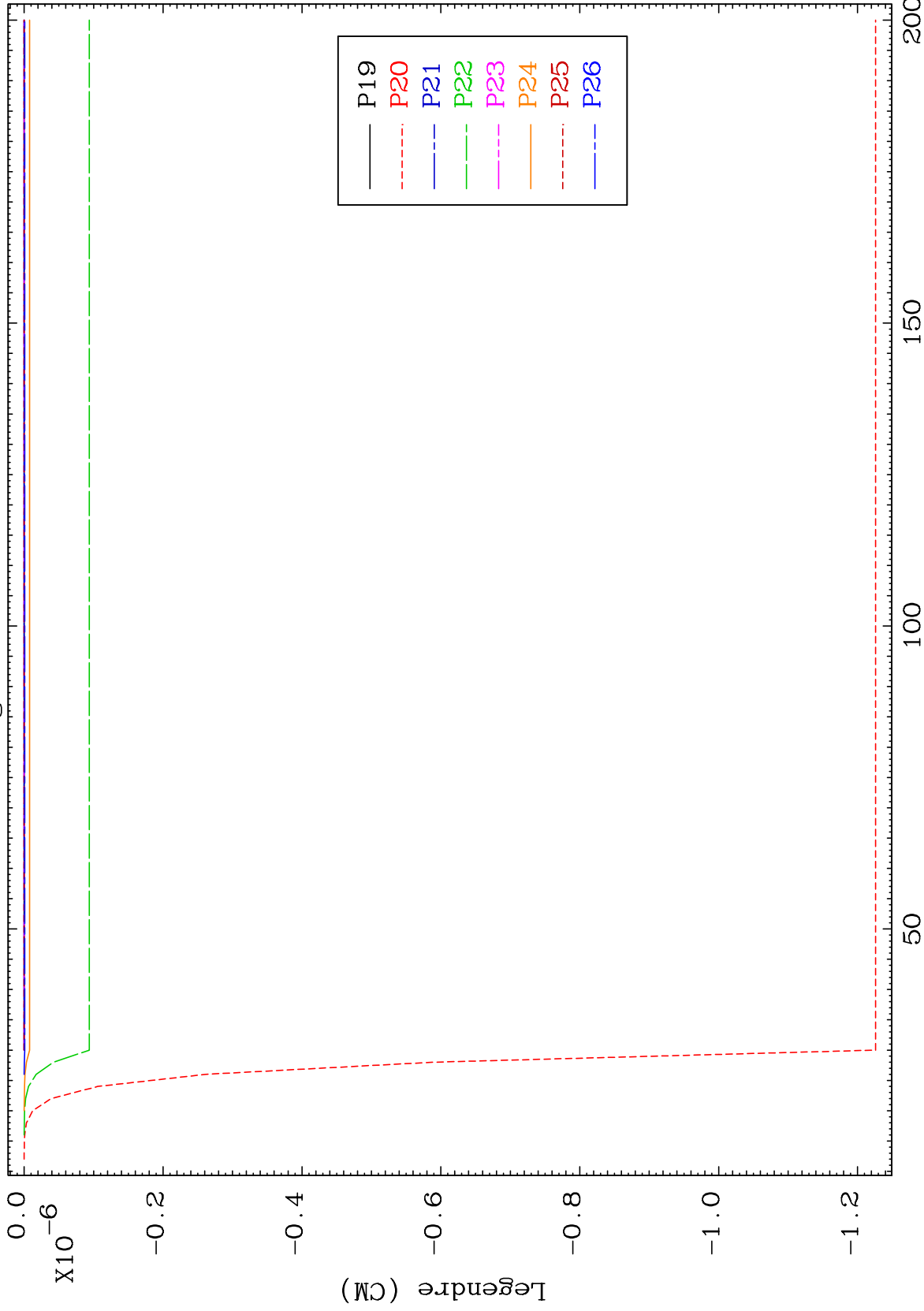
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



62

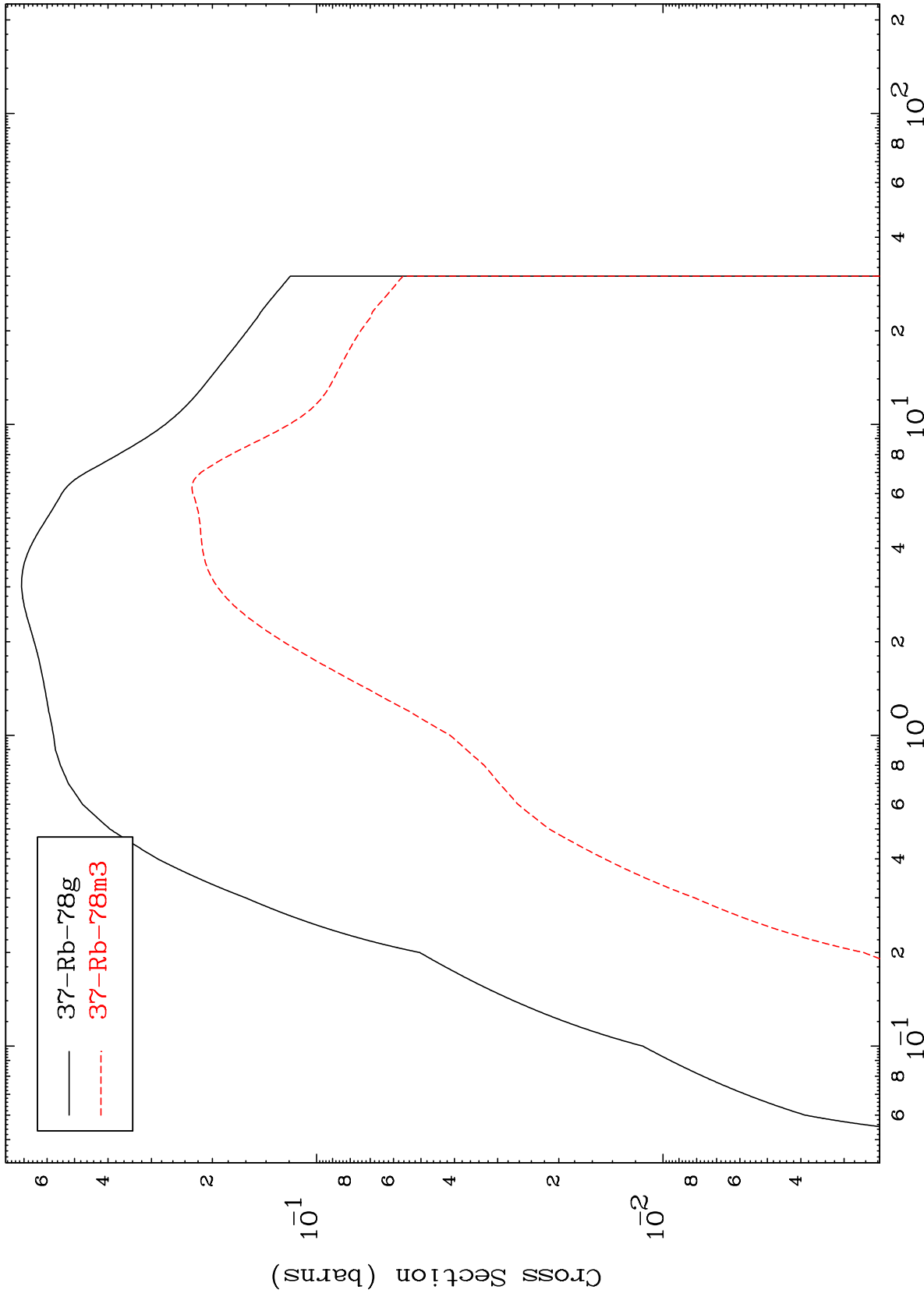
Incident Energy (MeV)

37-Rb-78

MAT 3704

37-Rb-78

### Inelastic Radionuclide Production Cross Section



— 37-Rb-78g  
- - - 37-Rb-78m3

63

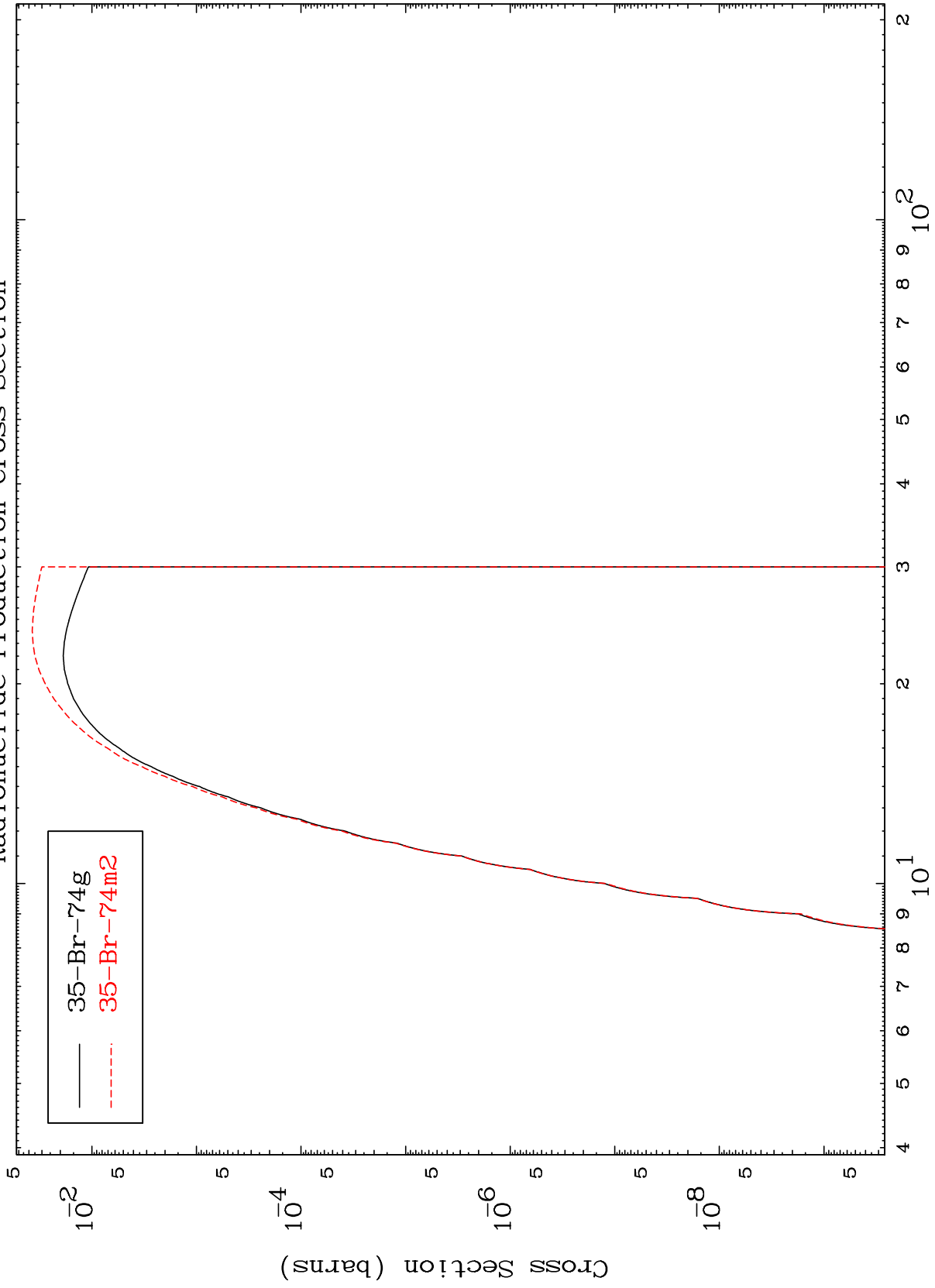
37-Rb-78



MAT 3704

37-Rb-78

(n,n')  $\alpha$   
Radionuclide Production Cross Section



64

Incident Energy (MeV)

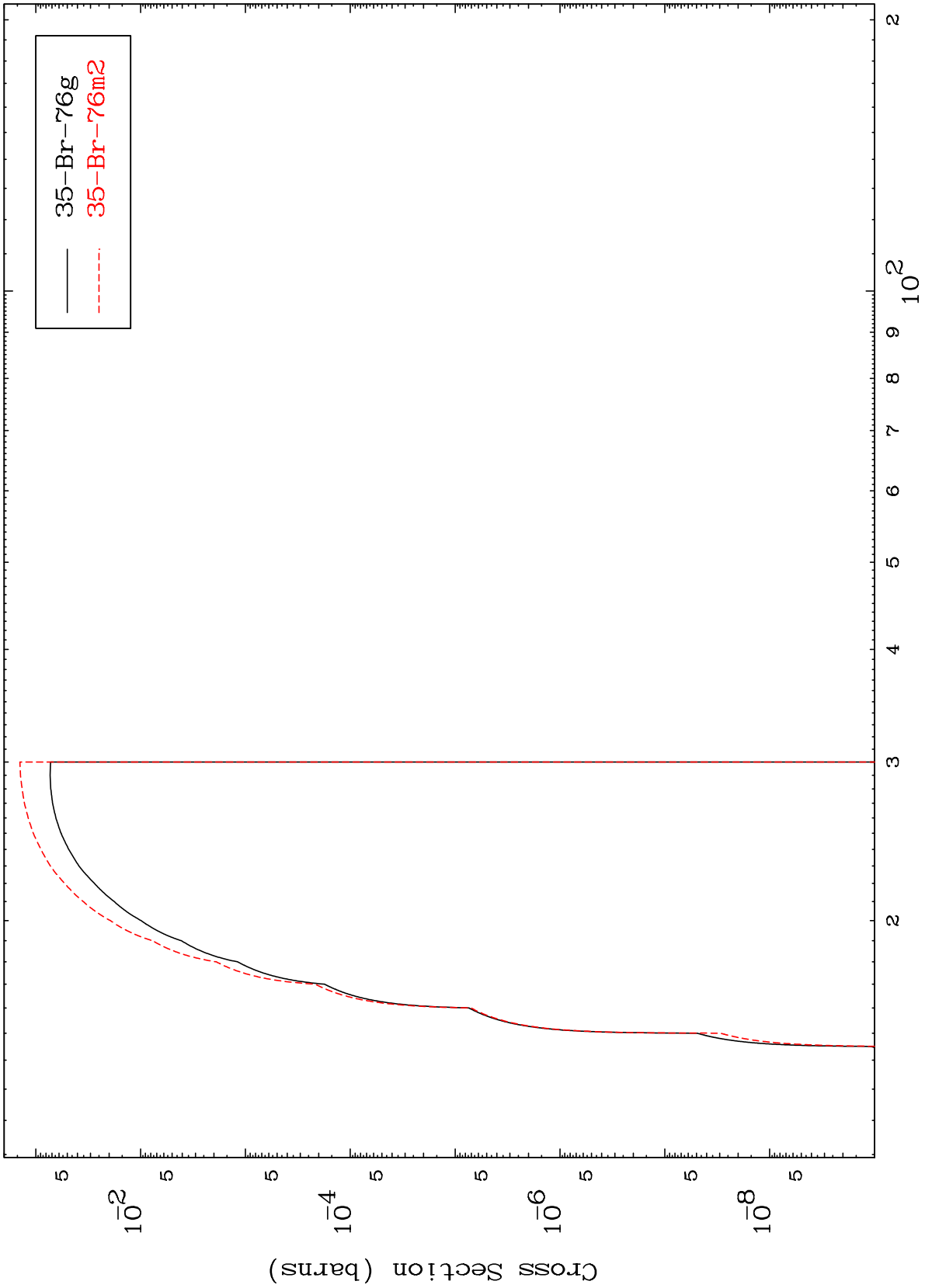
37-Rb-78

MAT 3704

(n,2n) p

37-Rb-78

Radionuclide Production Cross Section



65

Incident Energy (MeV)

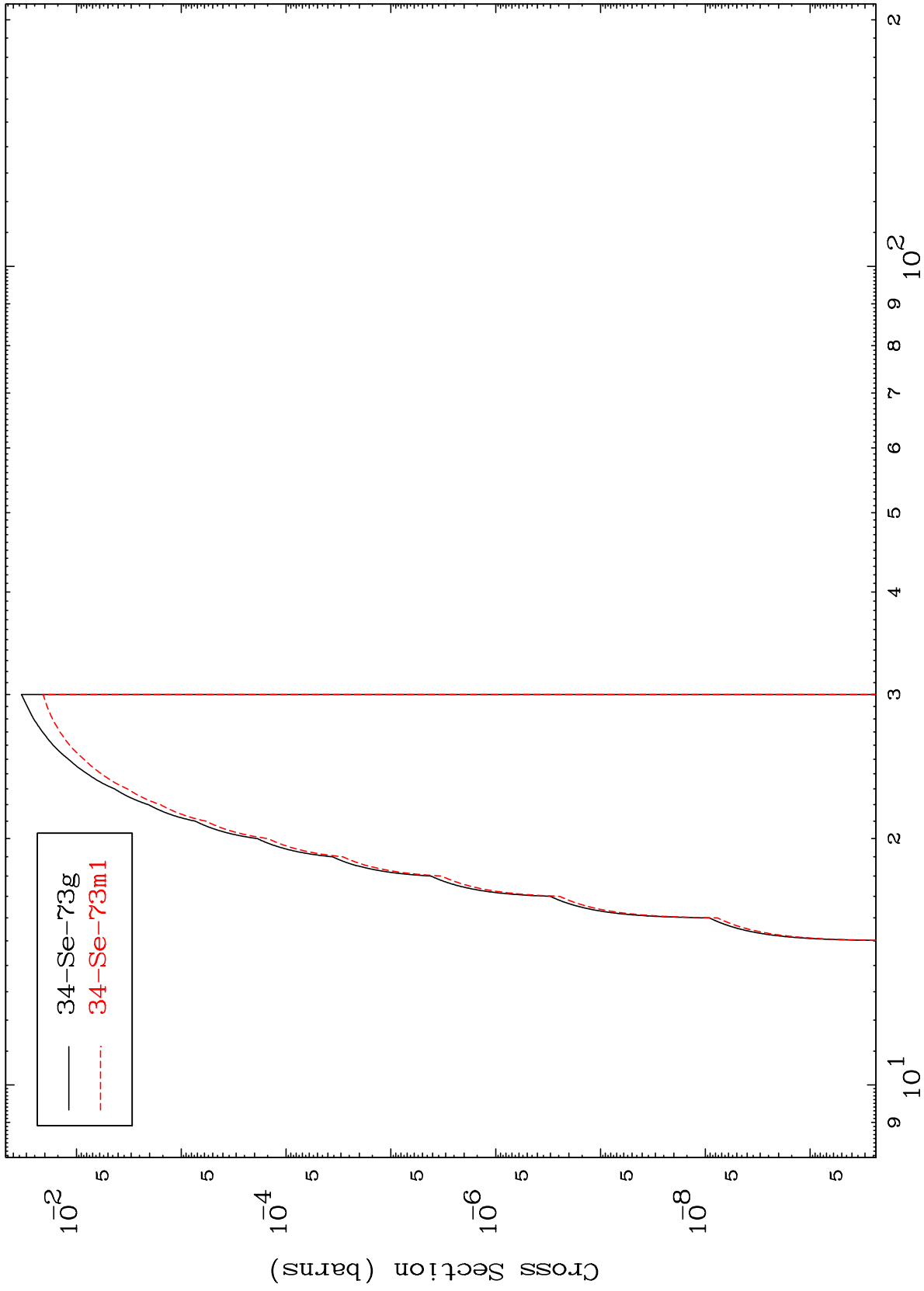
37-Rb-78

MAT 3704

(n,n') p  $\alpha$

37-Rb-78

Radionuclide Production Cross Section



66

Incident Energy (MeV)

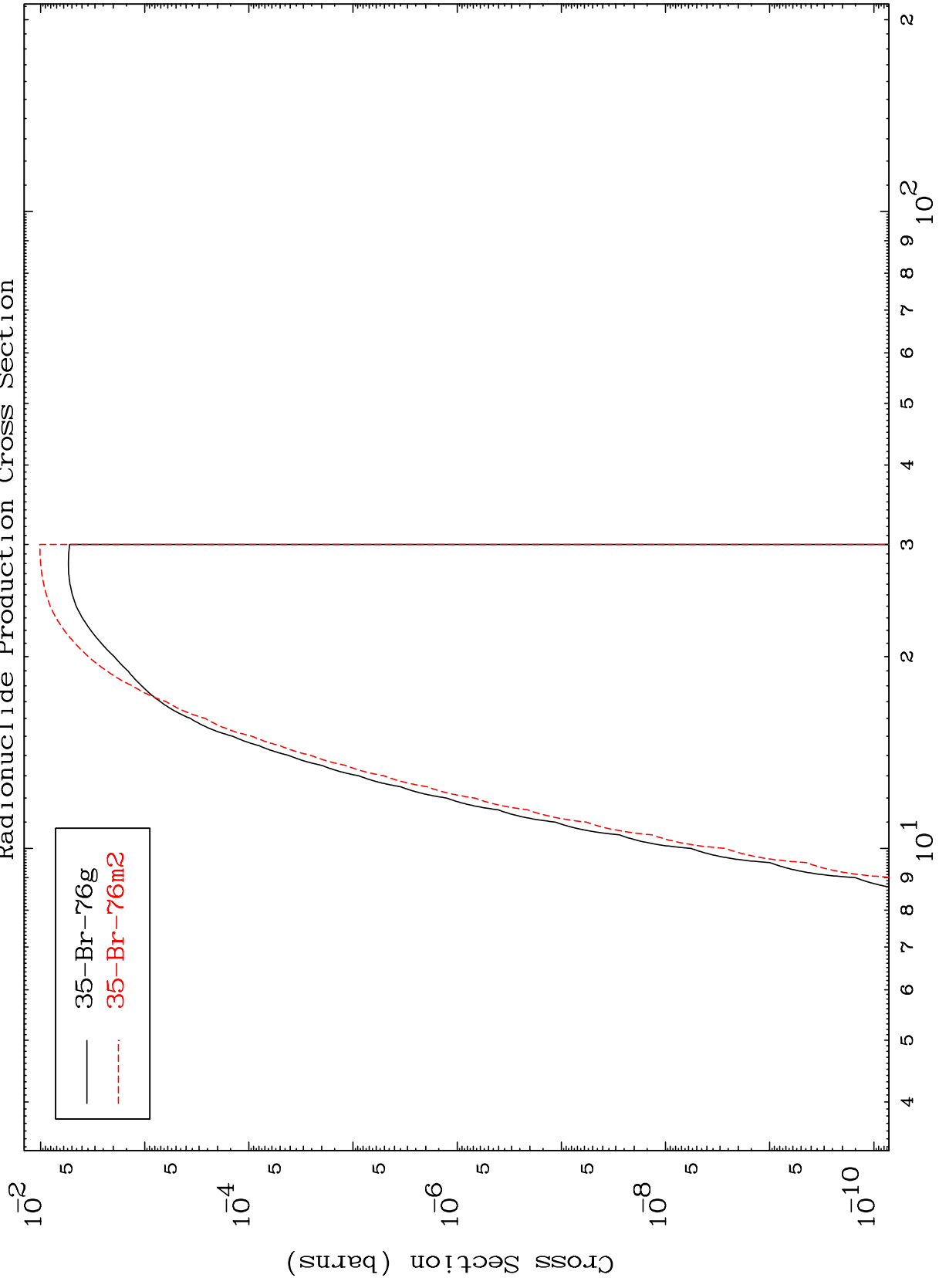
37-Rb-78

MAT 3704

(n, He-3)

37-Rb-78

Radionuclide Production Cross Section



35-Br-76g  
35-Br-76m2

67

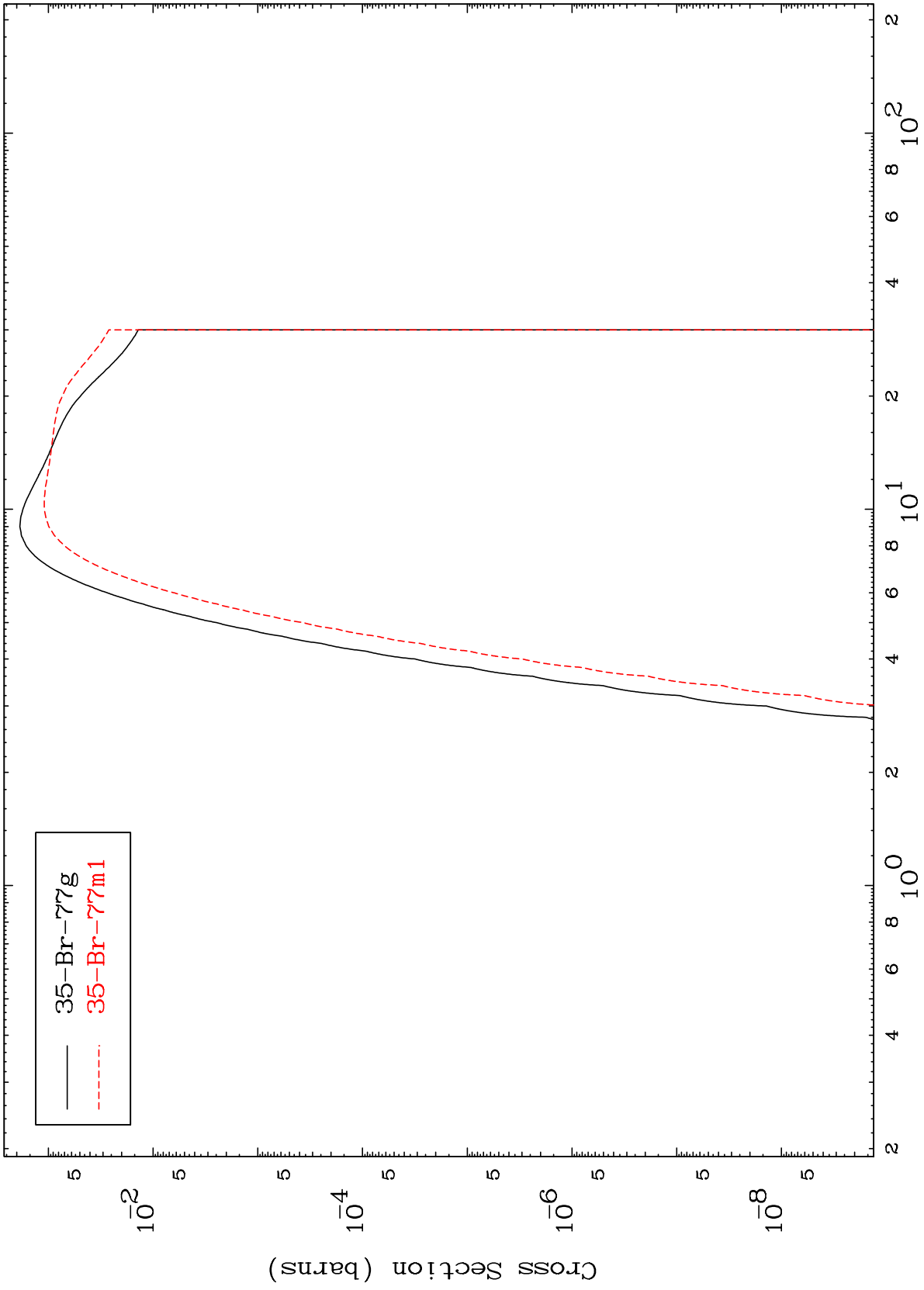
Incident Energy (MeV)

37-Rb-78

MAT 3704

37-Rb-78

Radionuclide Production Cross Section (n,2p)



— 35-Br-77g  
- - - 35-Br-77m1

68

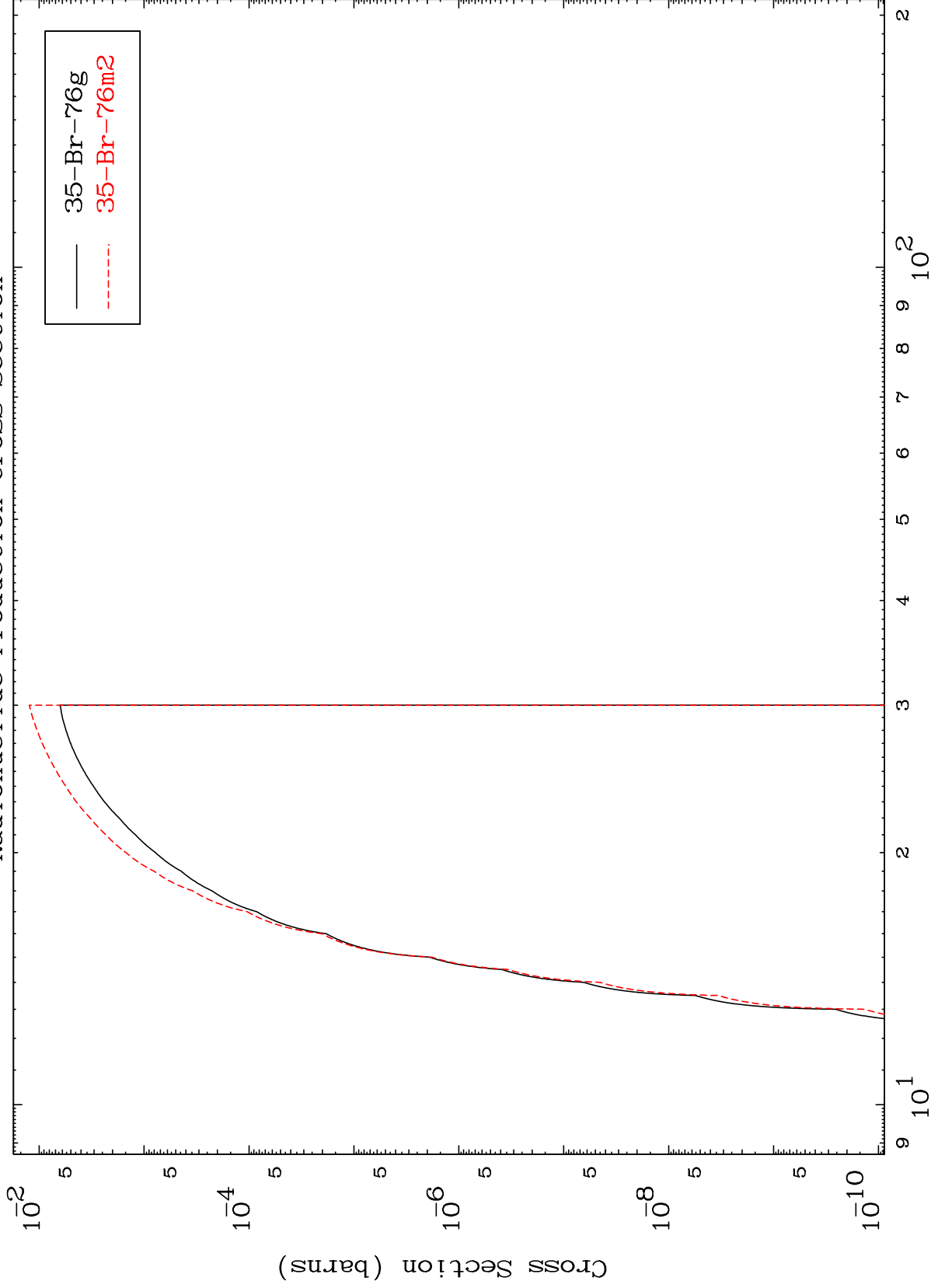
37-Rb-78

MAT 3704

(n,p) d

37-Rb-78

Radionuclide Production Cross Section



69

Incident Energy (MeV)

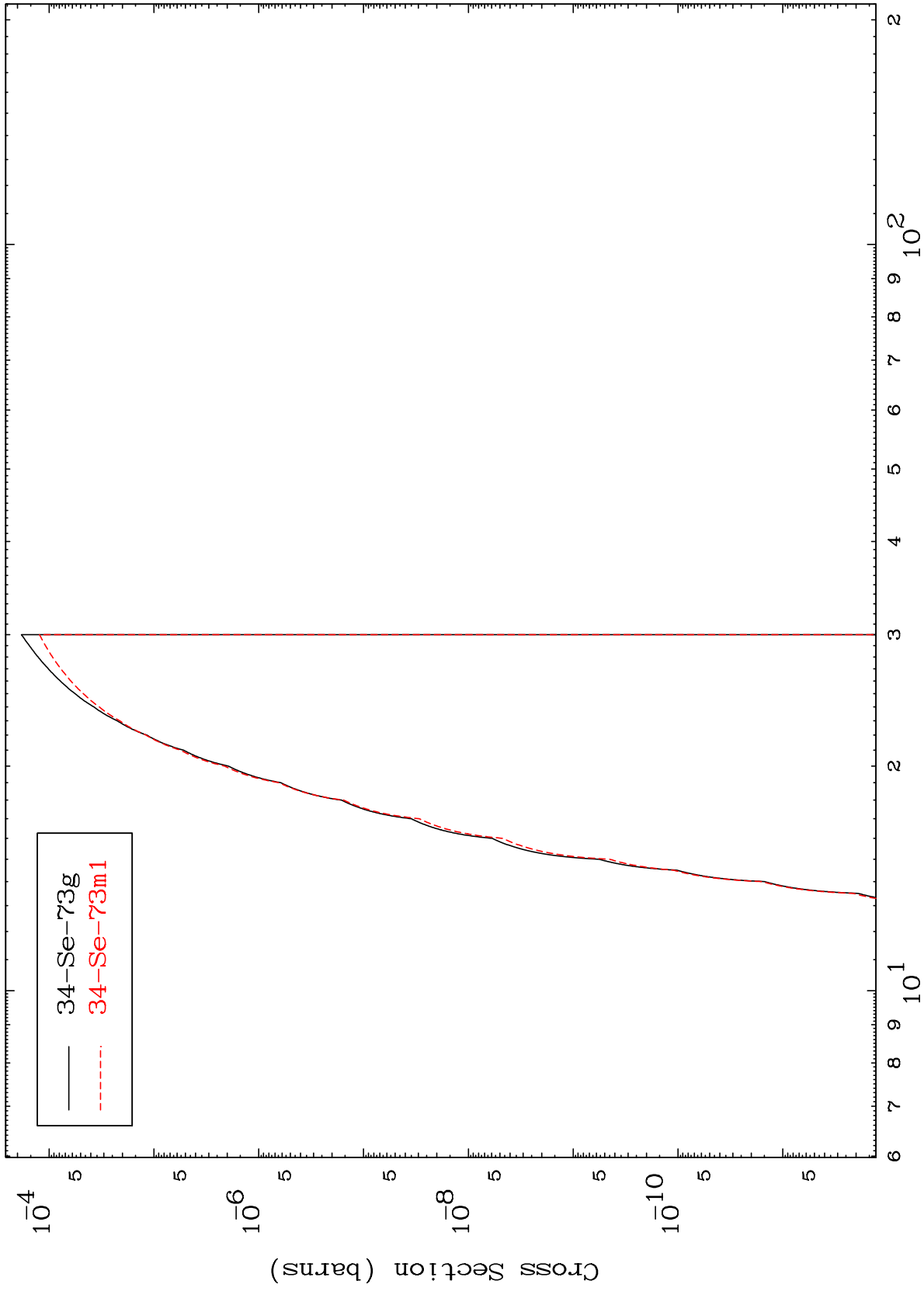
37-Rb-78

MAT 3704

(n,d)  $\alpha$

37-Rb-78

Radionuclide Production Cross Section



70

Incident Energy (MeV)

37-Rb-78