

Program EVALPLOT
(Version 2021-1)

by

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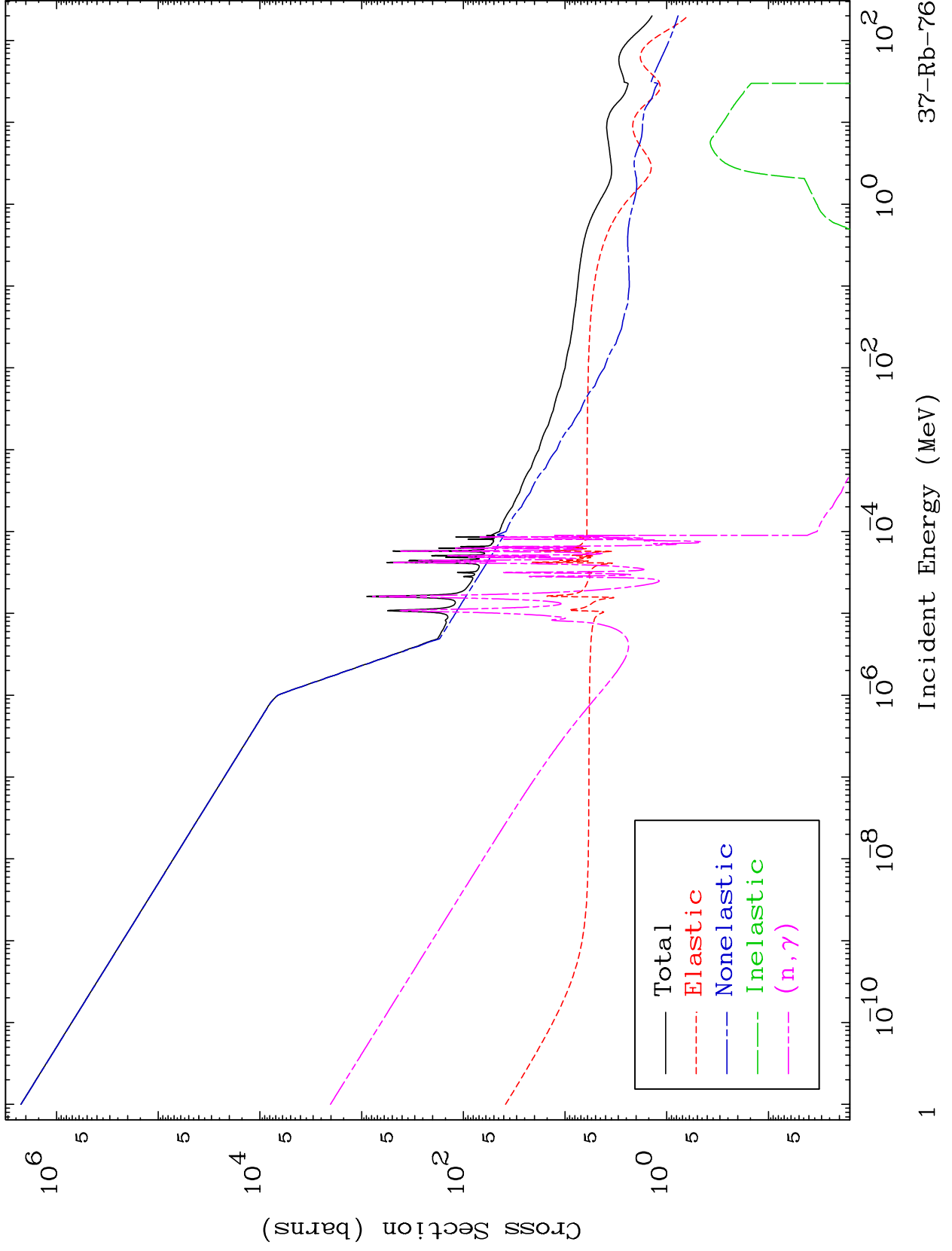
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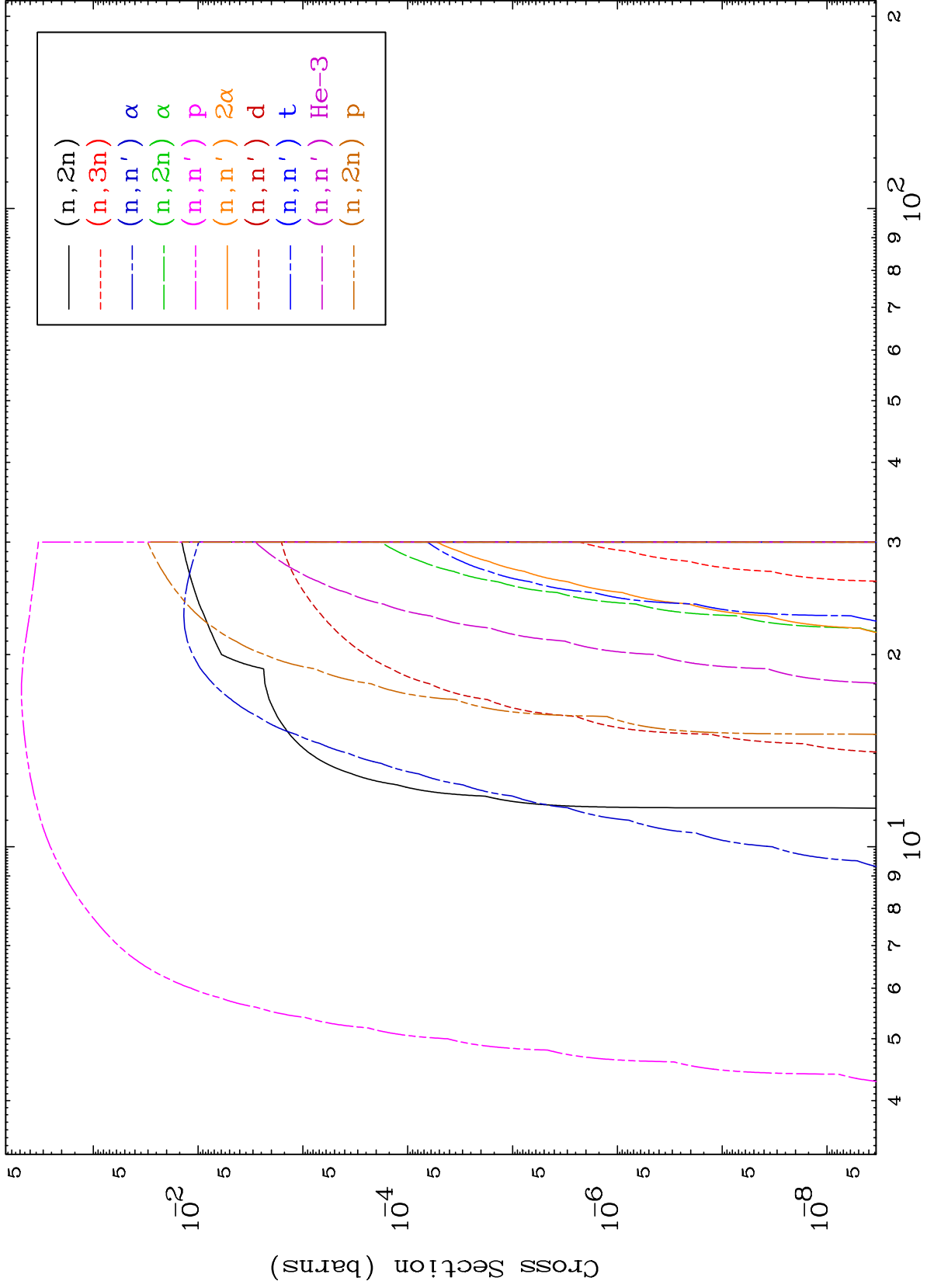
Press Mouse Button to Start

MAT 3698

Neutron Major
293 Kelvin Cross Sections

37-Rb-76

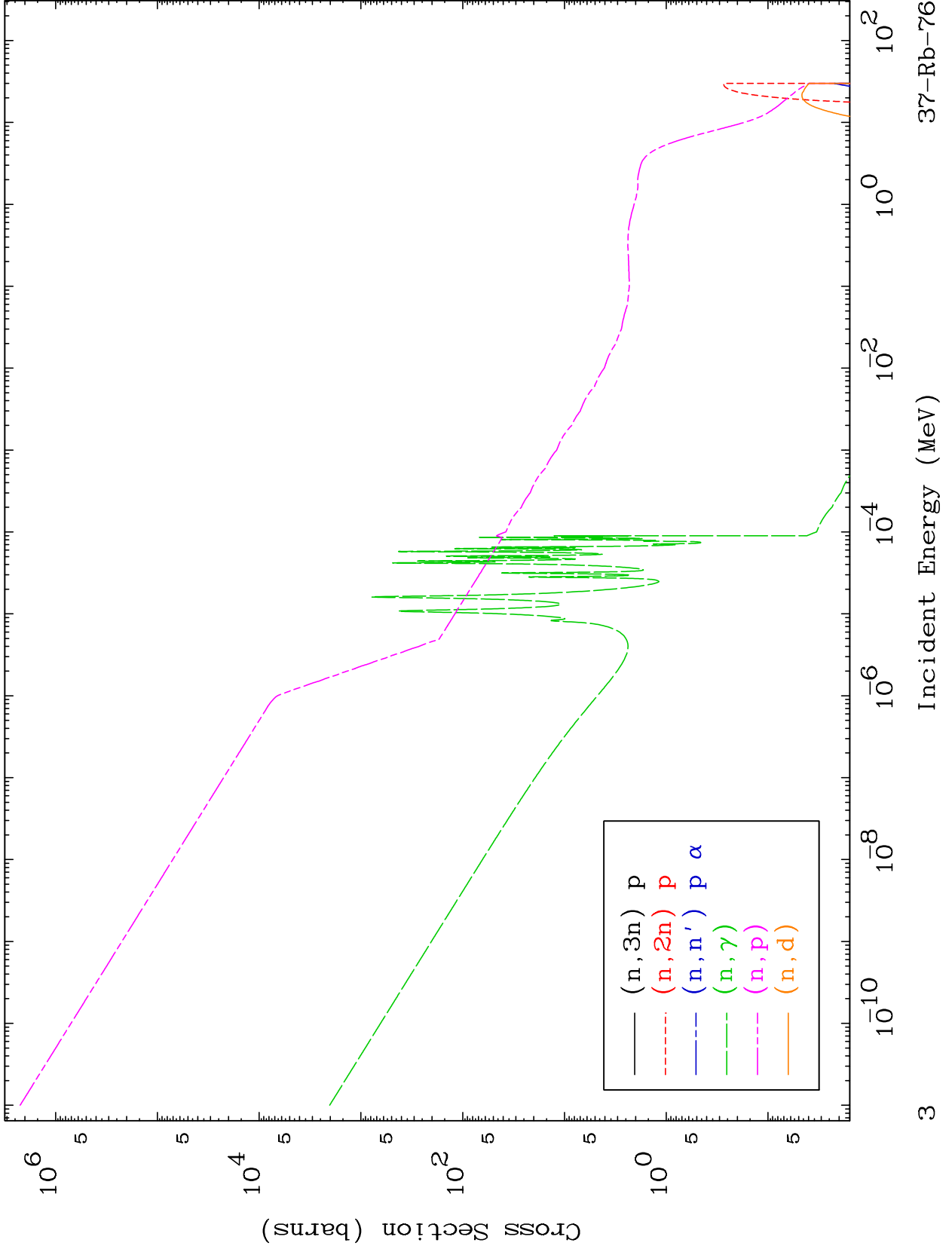




MAT 3698

Neutron Absorption
293 Kelvin Cross Sections

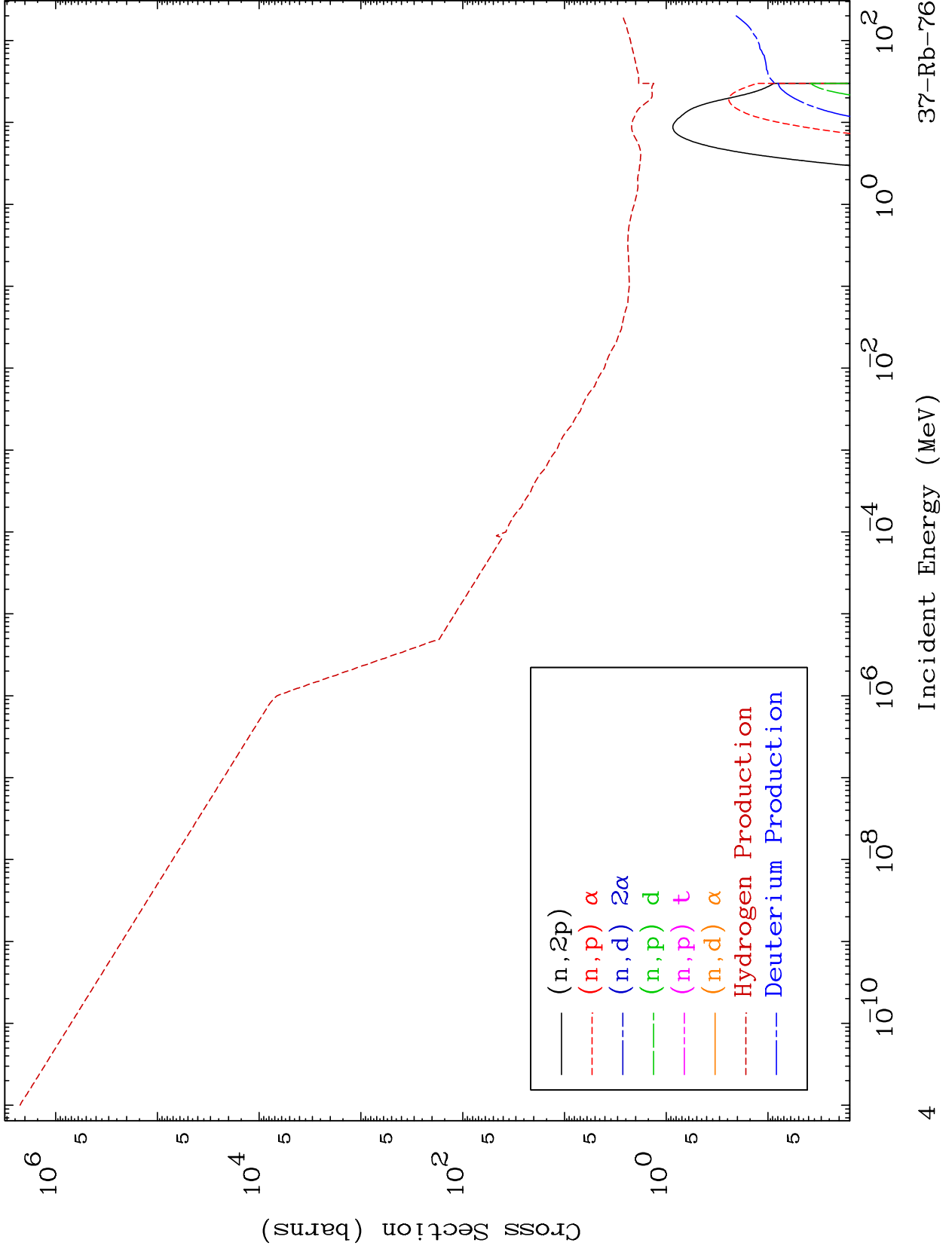
37-Rb-76



MAT 3698

Neutron Absorption
293 Kelvin Cross Sections

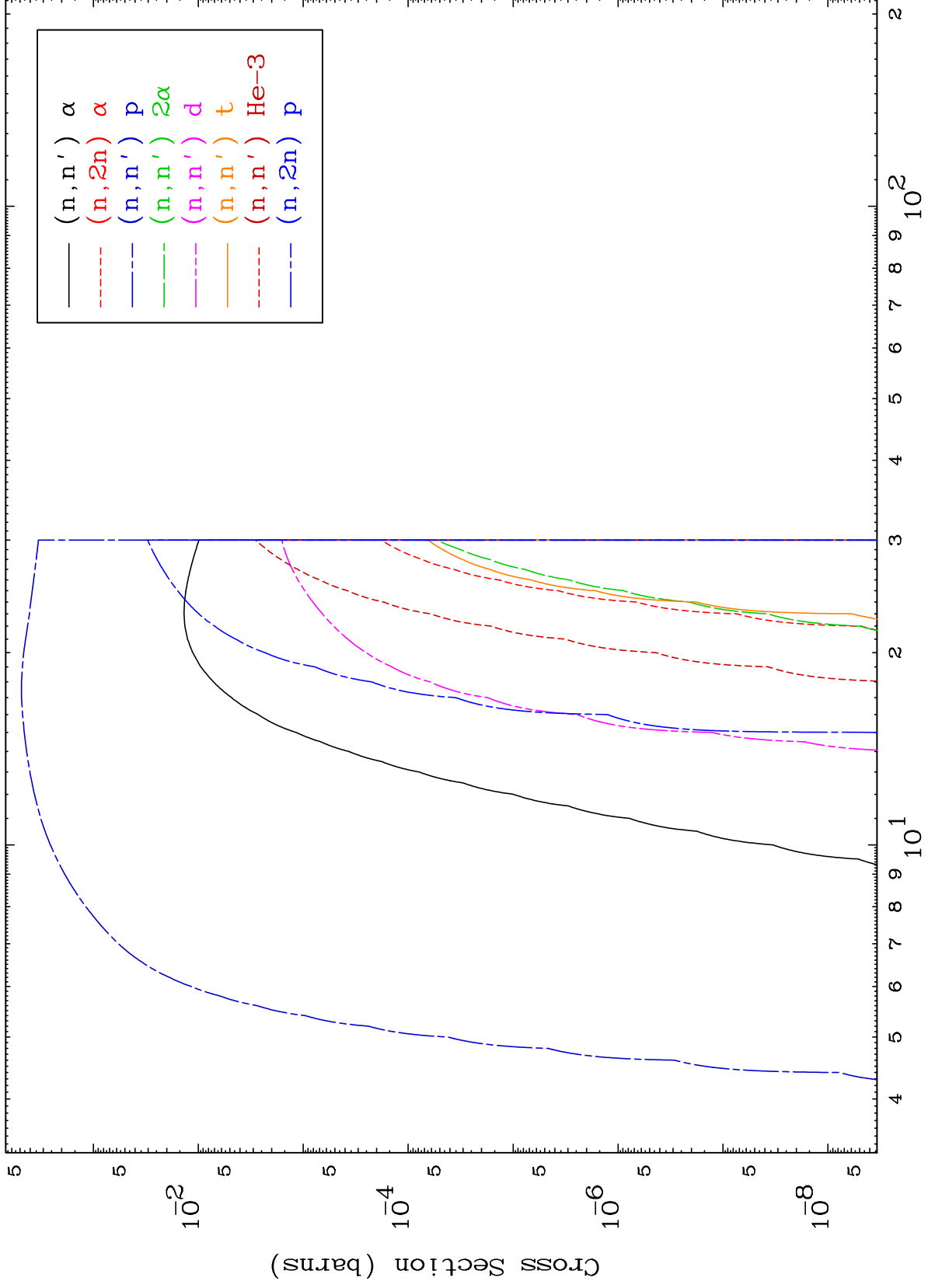
37-Rb-76



MAT 3698

Charged Particle
293 Kelvin Cross Sections

³⁷Rb-76



5

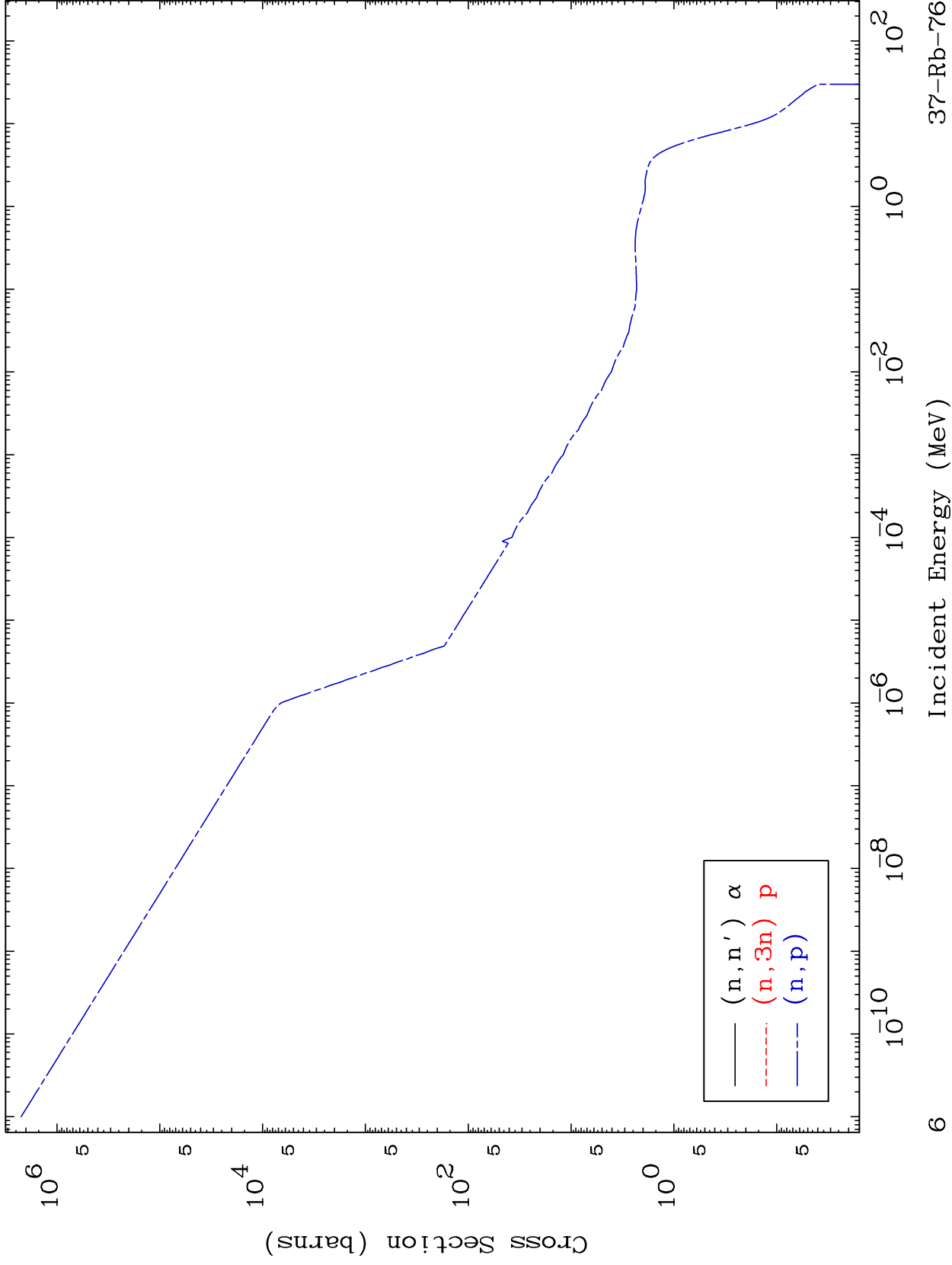
Incident Energy (MeV)

³⁷Rb-76

MAT 3698

Charged Particle
293 Kelvin Cross Sections

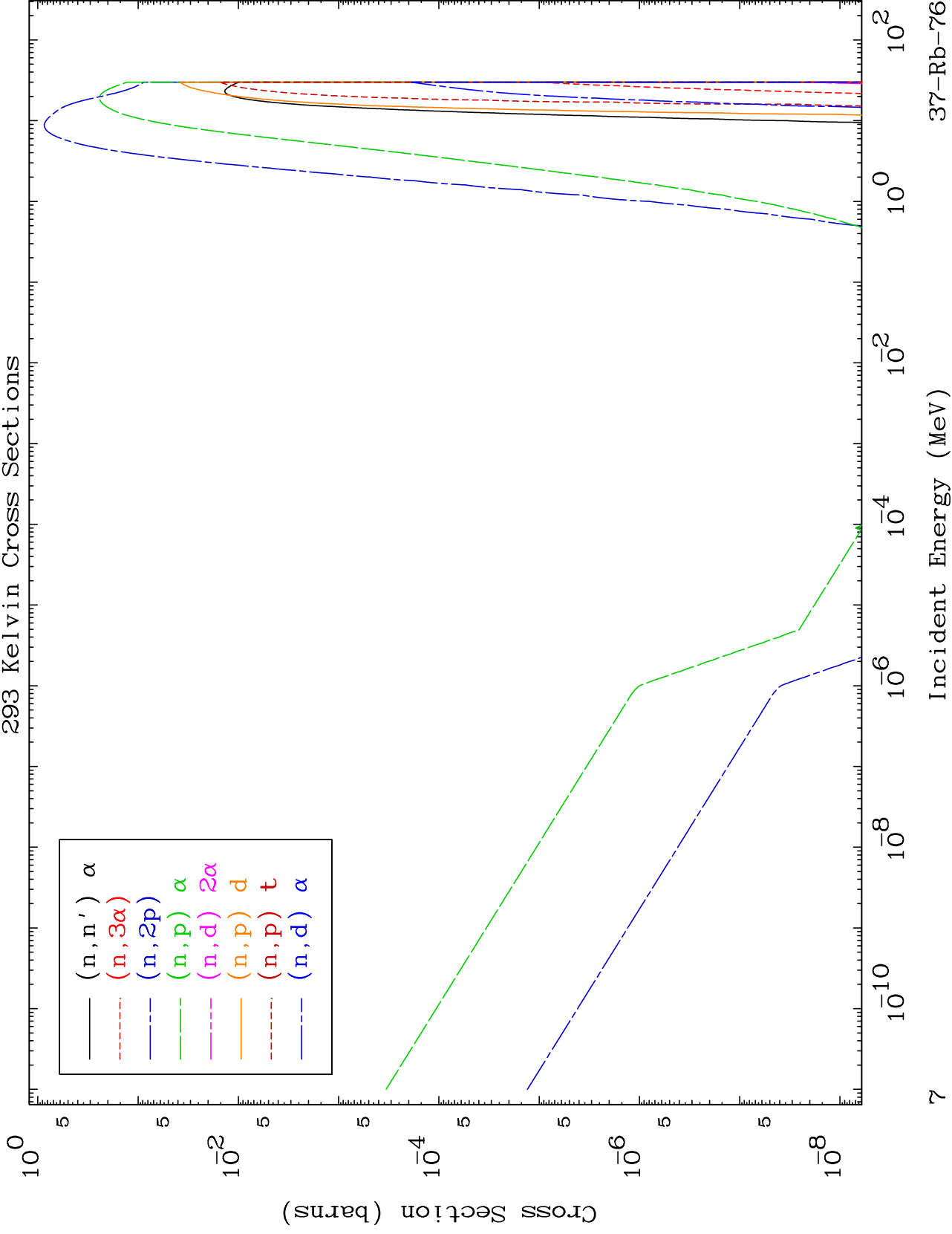
37-Rb-76

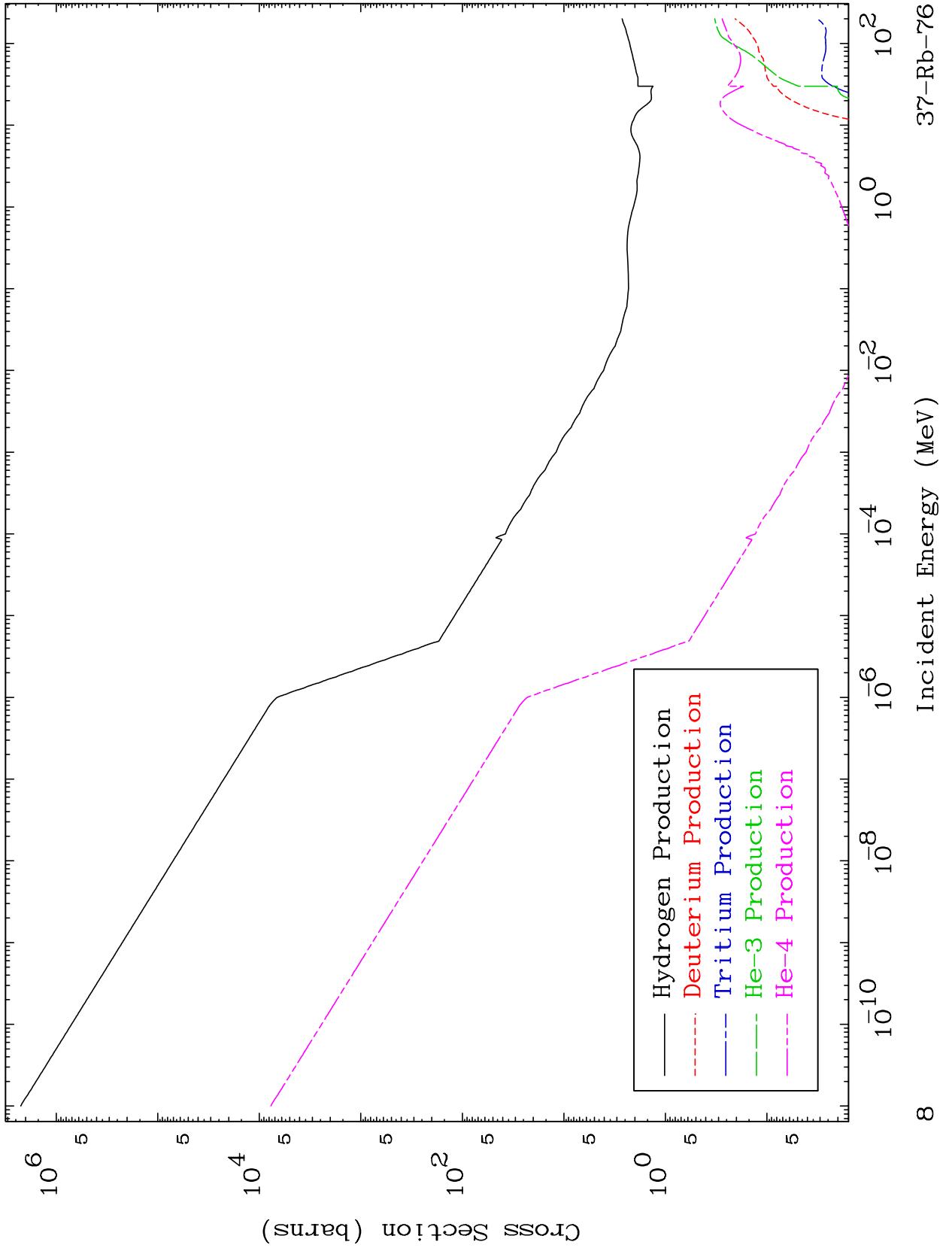


MAT 3698

Charged Particle
293 Kelvin Cross Sections

37-Rb-76

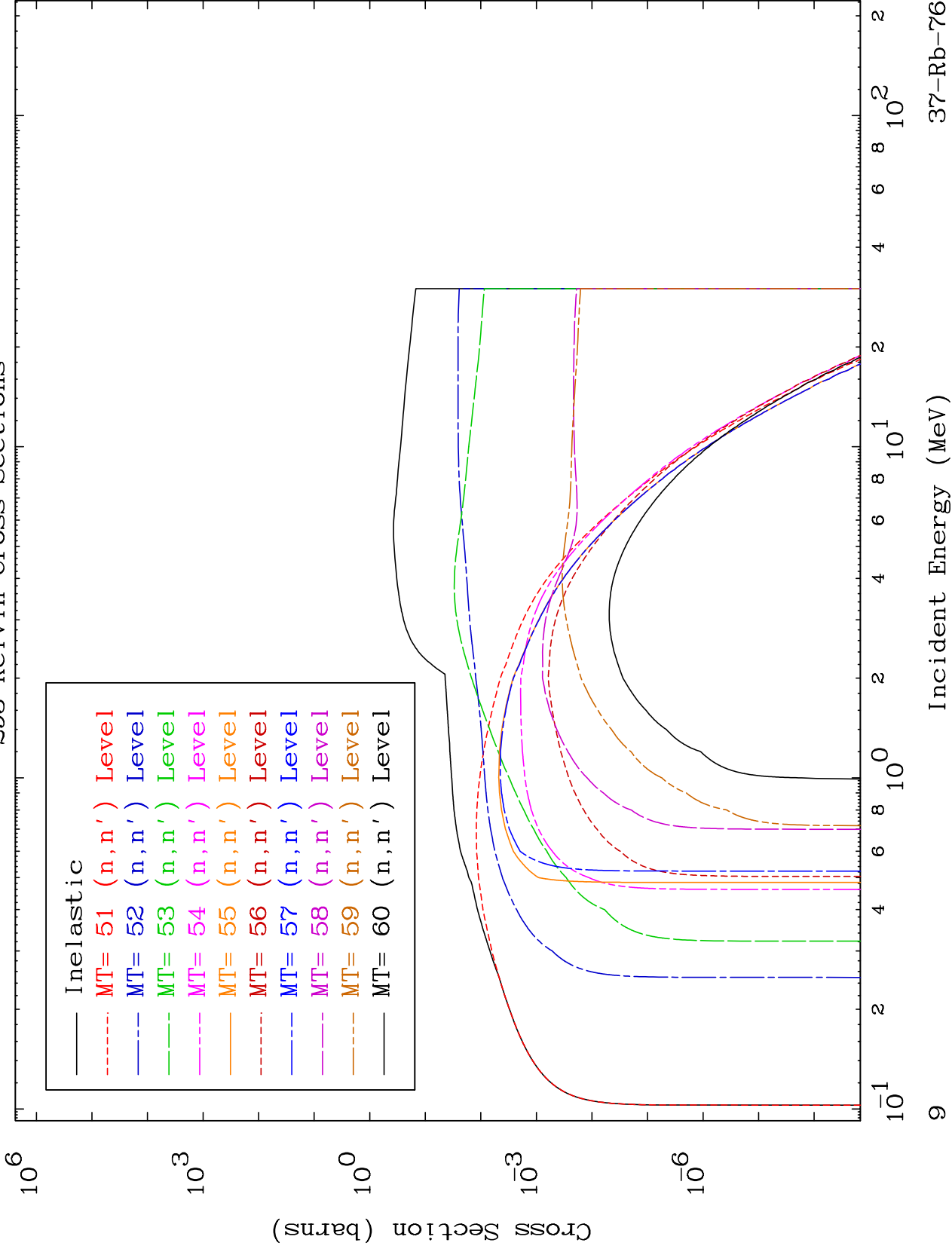




MAT 3698

(n,n') Levels
293 Kelvin Cross Sections

37-Rb-76

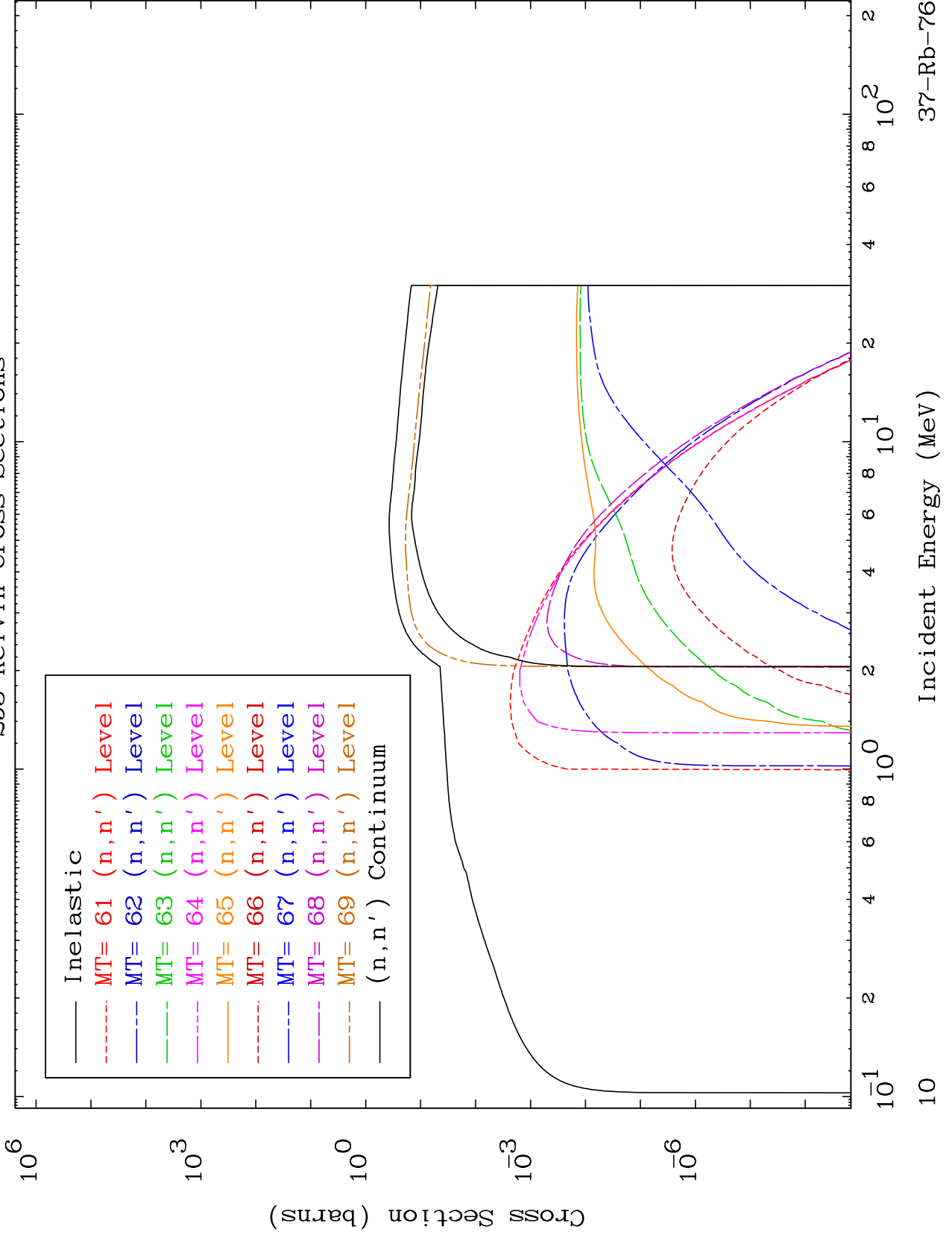


9

MAT 3698

(n,n') Levels
293 Kelvin Cross Sections

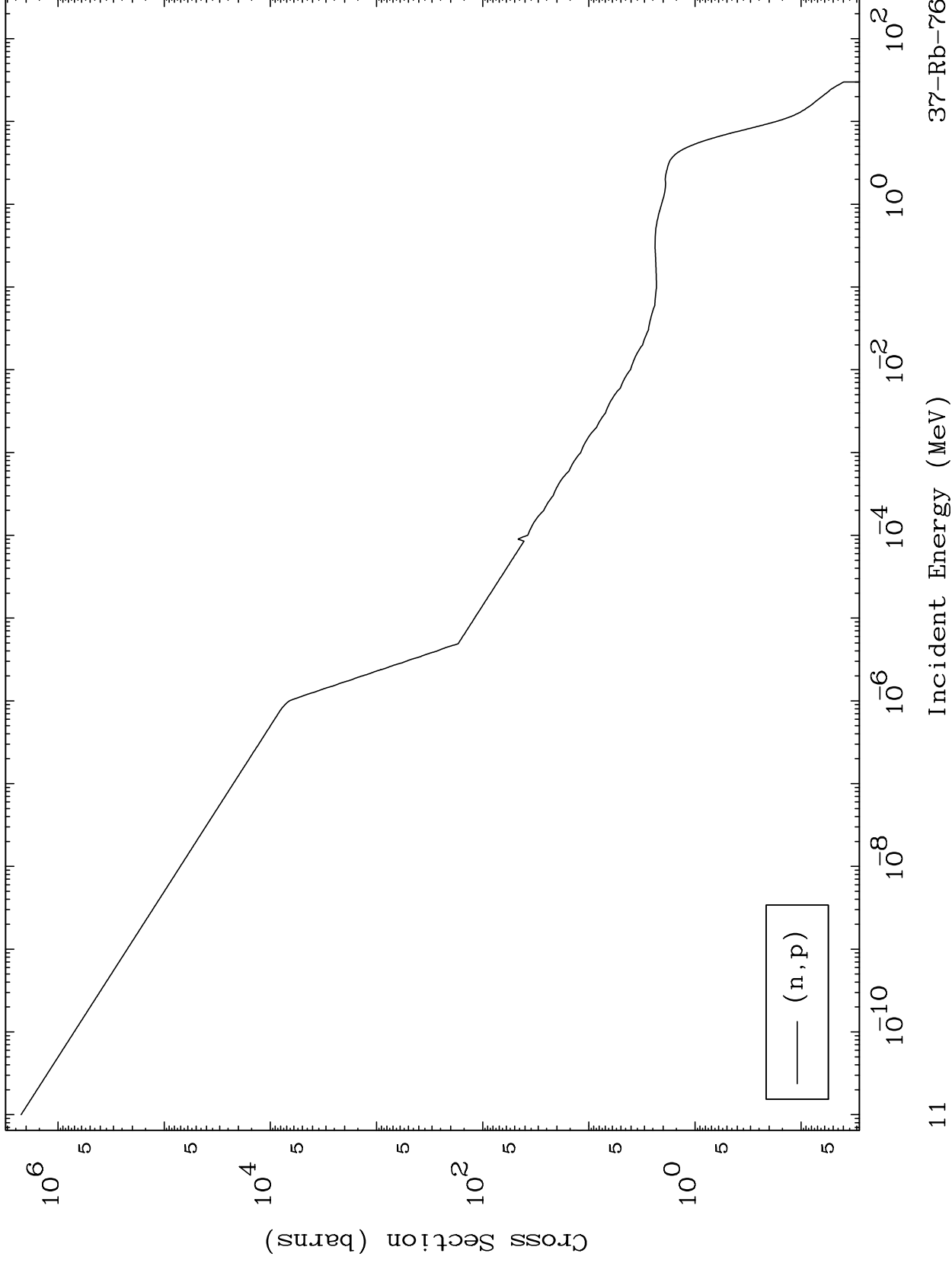
37-Rb-76



MAT 3698

(n,p) Levels
293 Kelvin Cross Sections

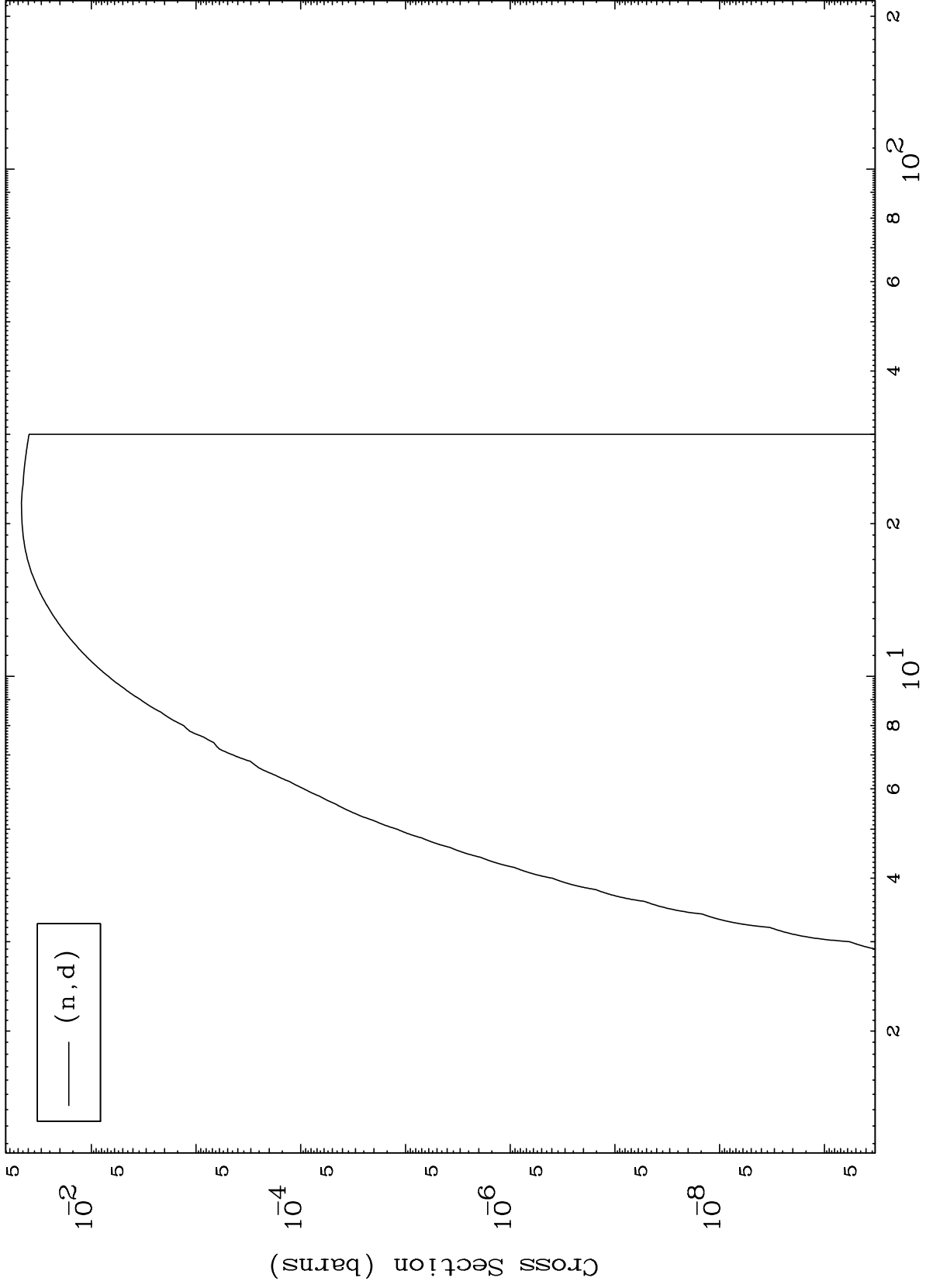
37-Rb-76



MAT 3698

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-76



12

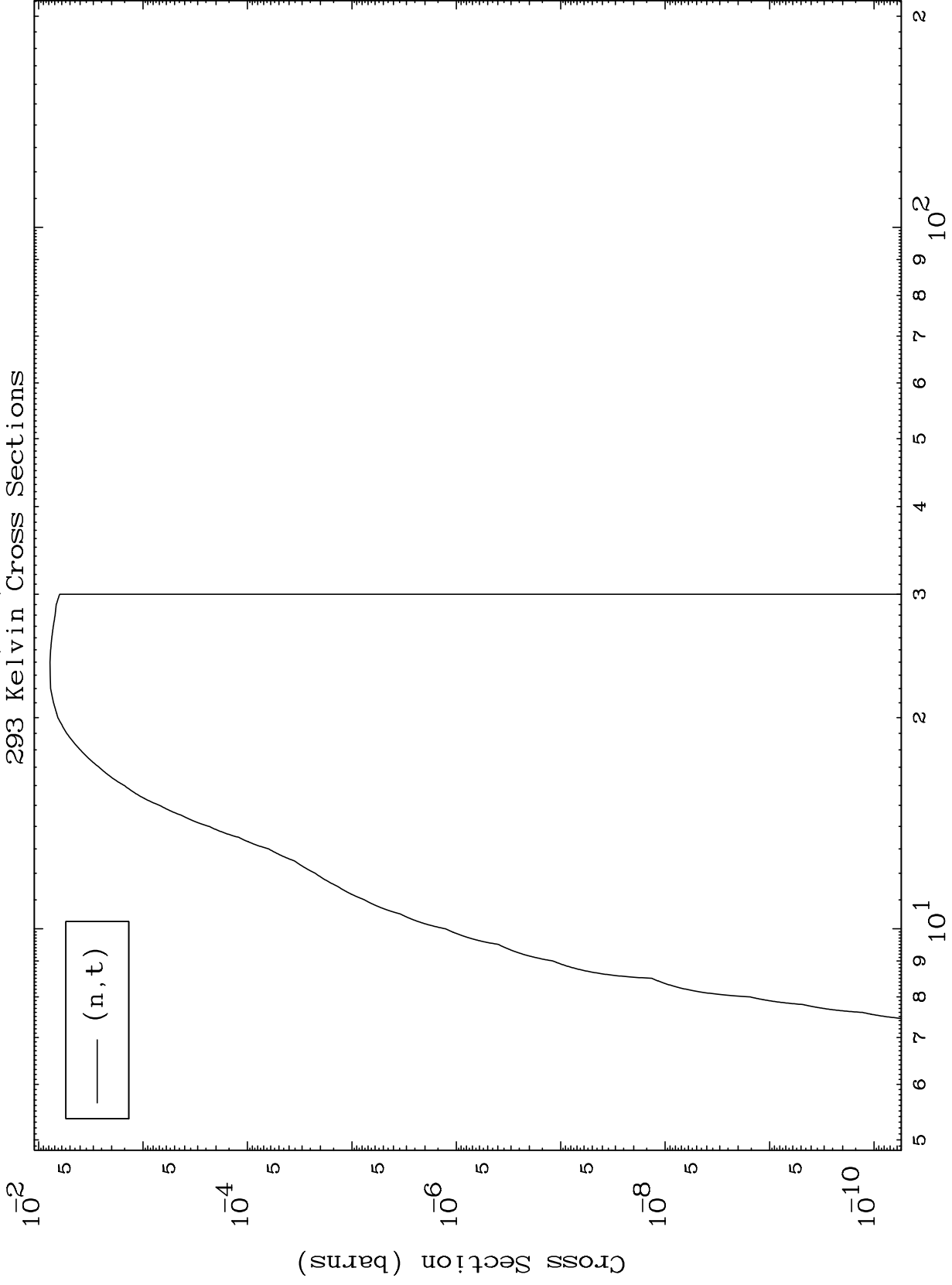
Incident Energy (MeV)

37-Rb-76

MAT 3698

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-76



13

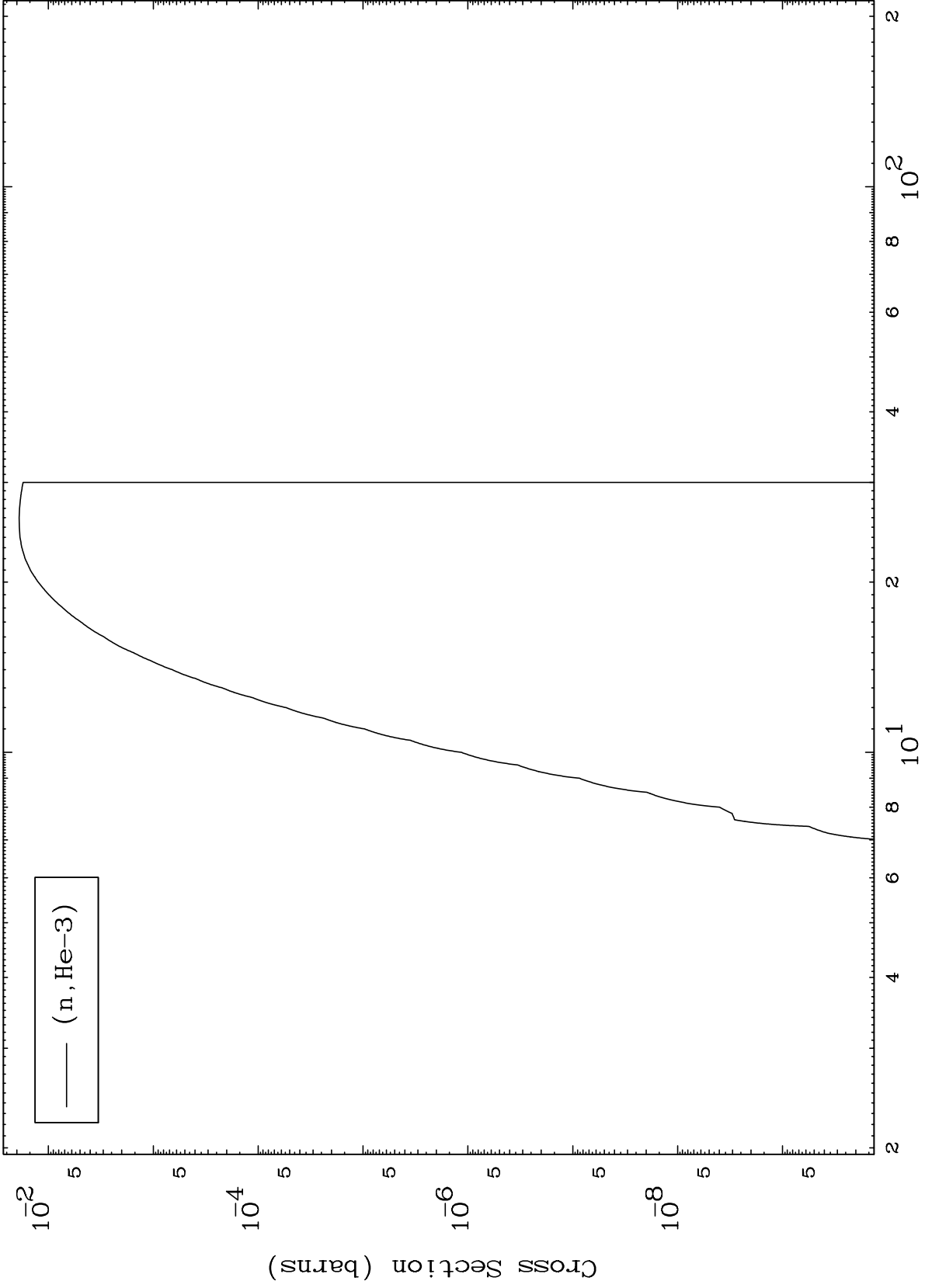
Incident Energy (MeV)

37-Rb-76

MAT 3698

(n,He3) Levels
293 Kelvin Cross Sections

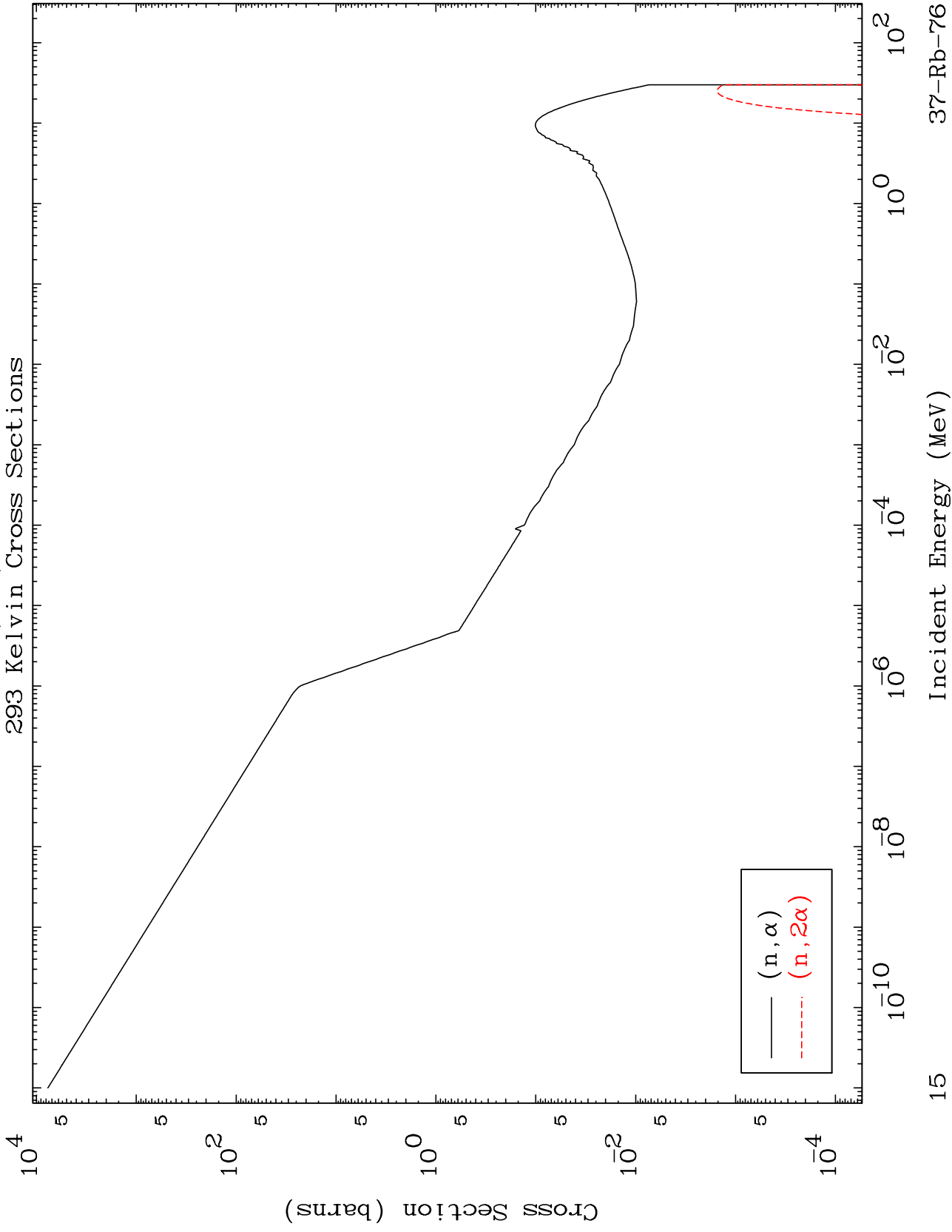
37-Rb-76



MAT 3698

(n,α) Levels
293 Kelvin Cross Sections

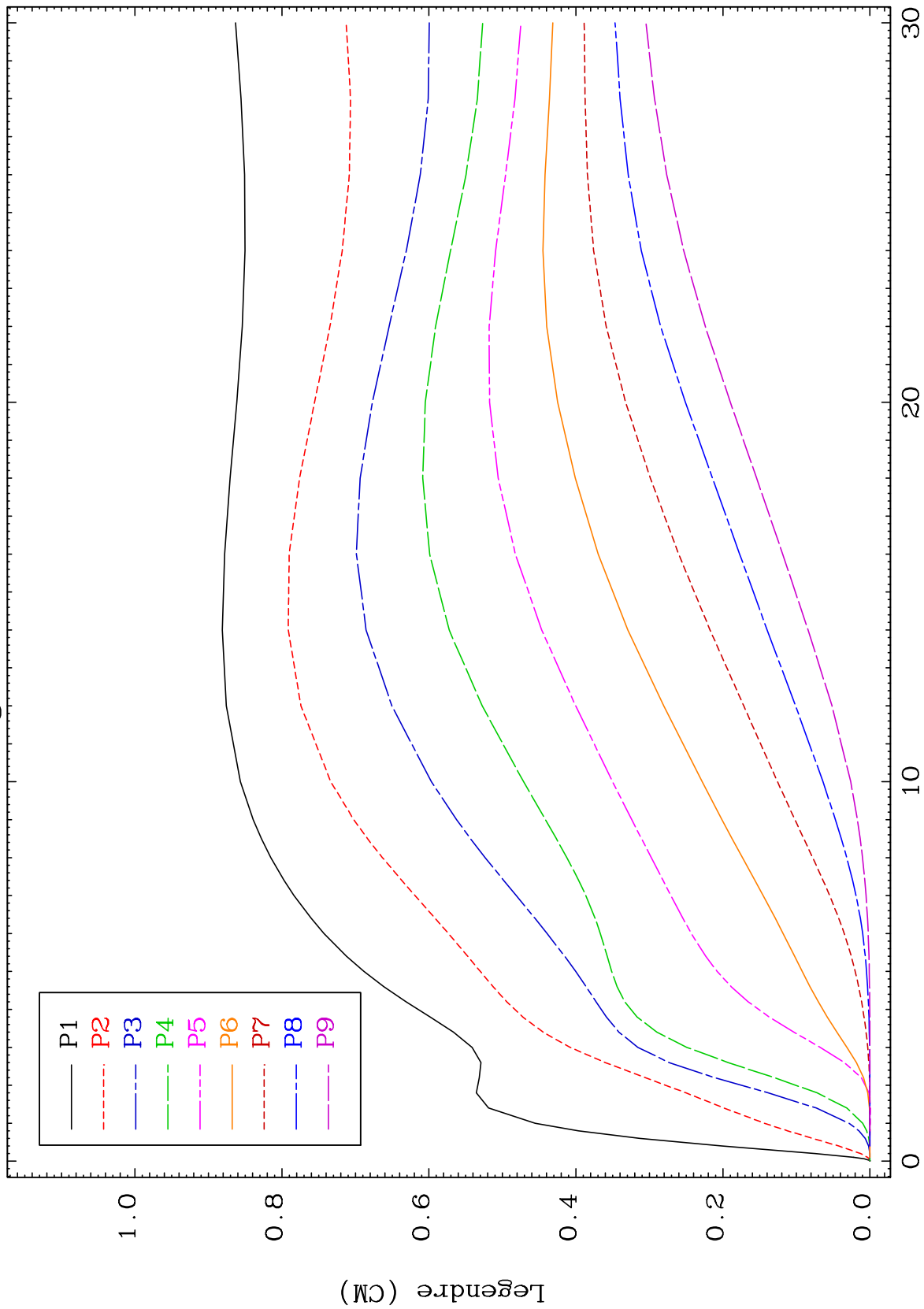
37-Rb-76



MAT 3698

Elastic Legendre Coefficients

³⁷Rb-76



16

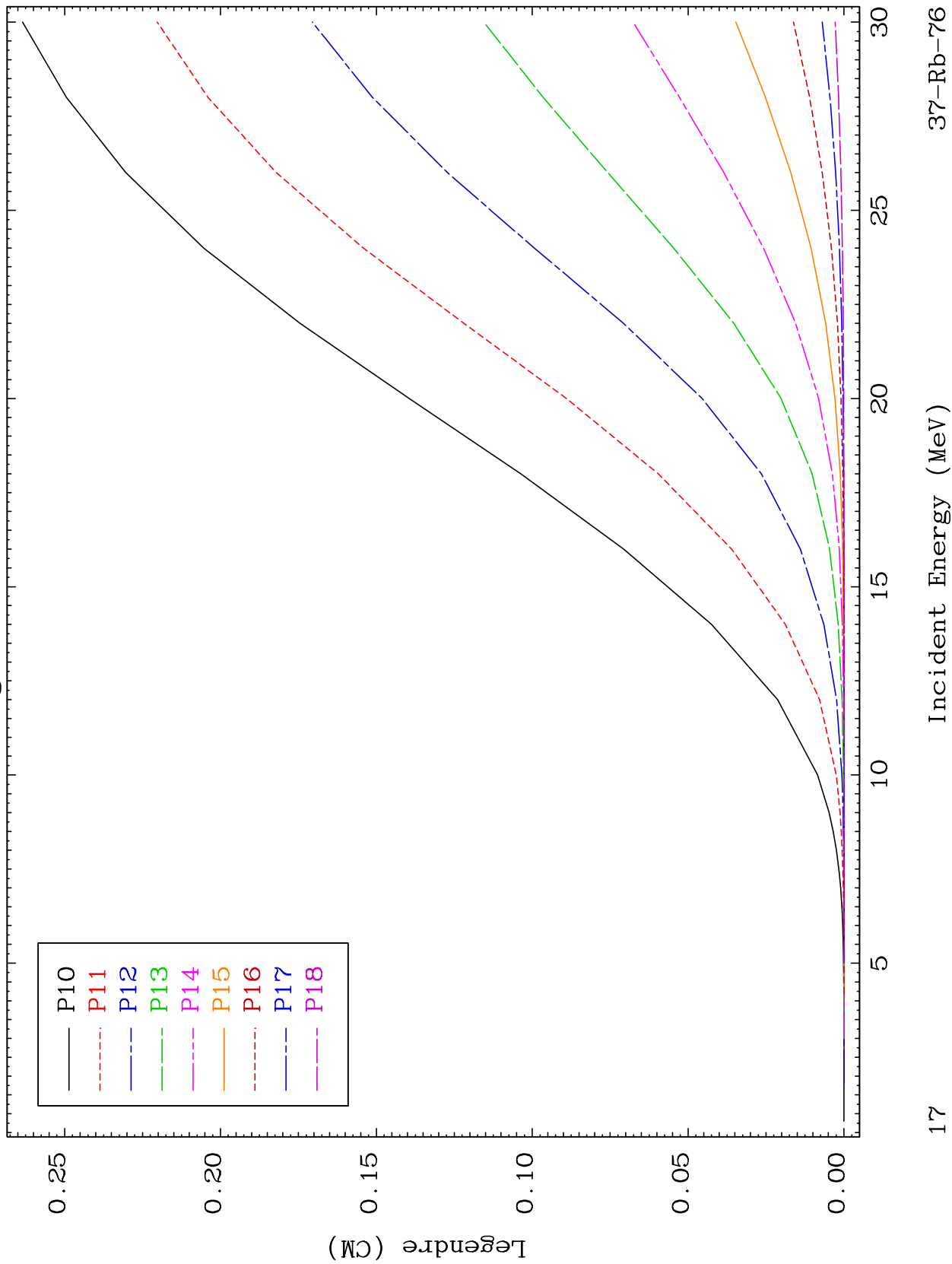
Incident Energy (MeV)

³⁷Rb-76

MAT 3698

Elastic Legendre Coefficients

³⁷Rb-76

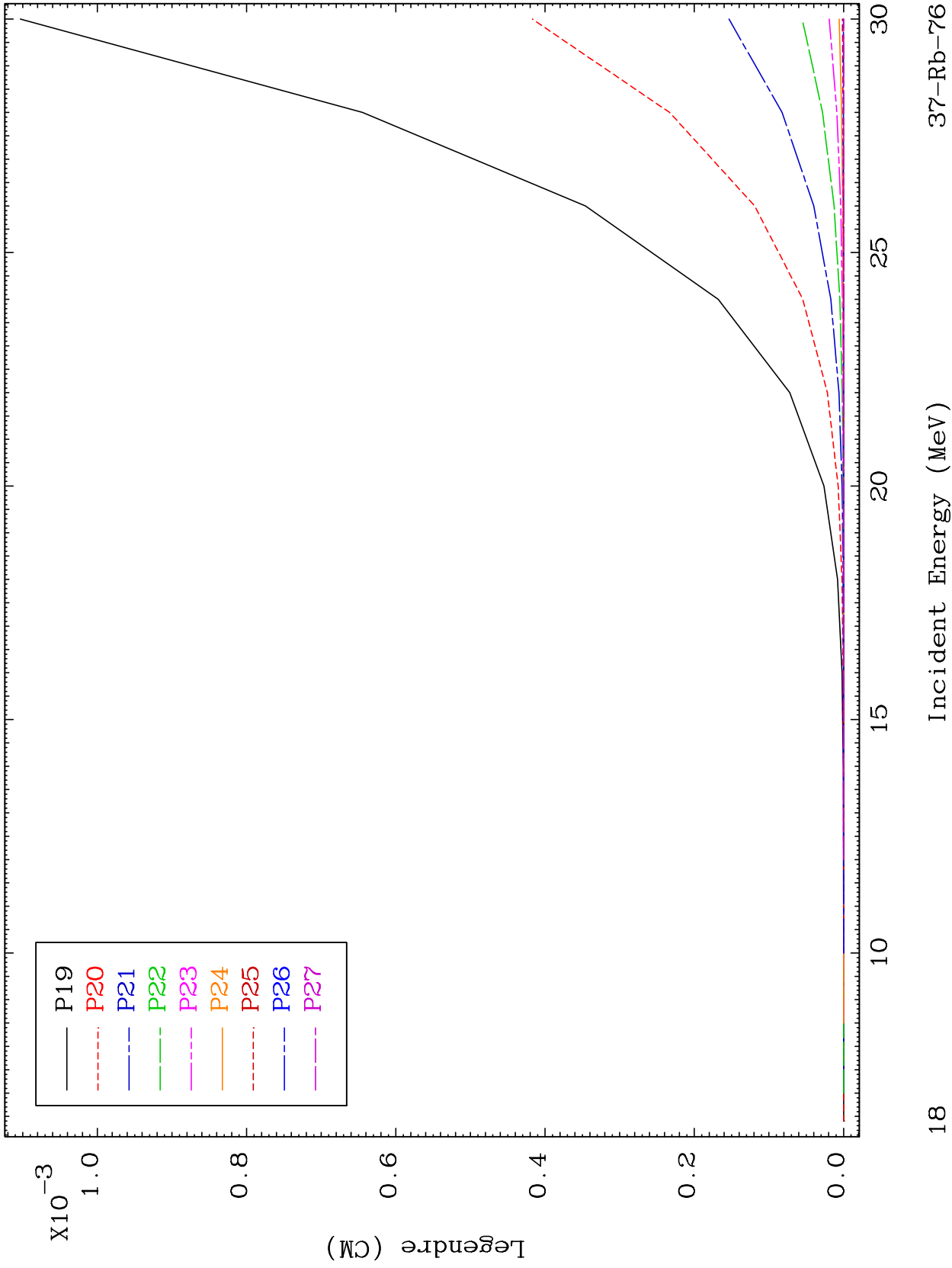


17

MAT 3698

Elastic Legendre Coefficients

³⁷Rb-76



18

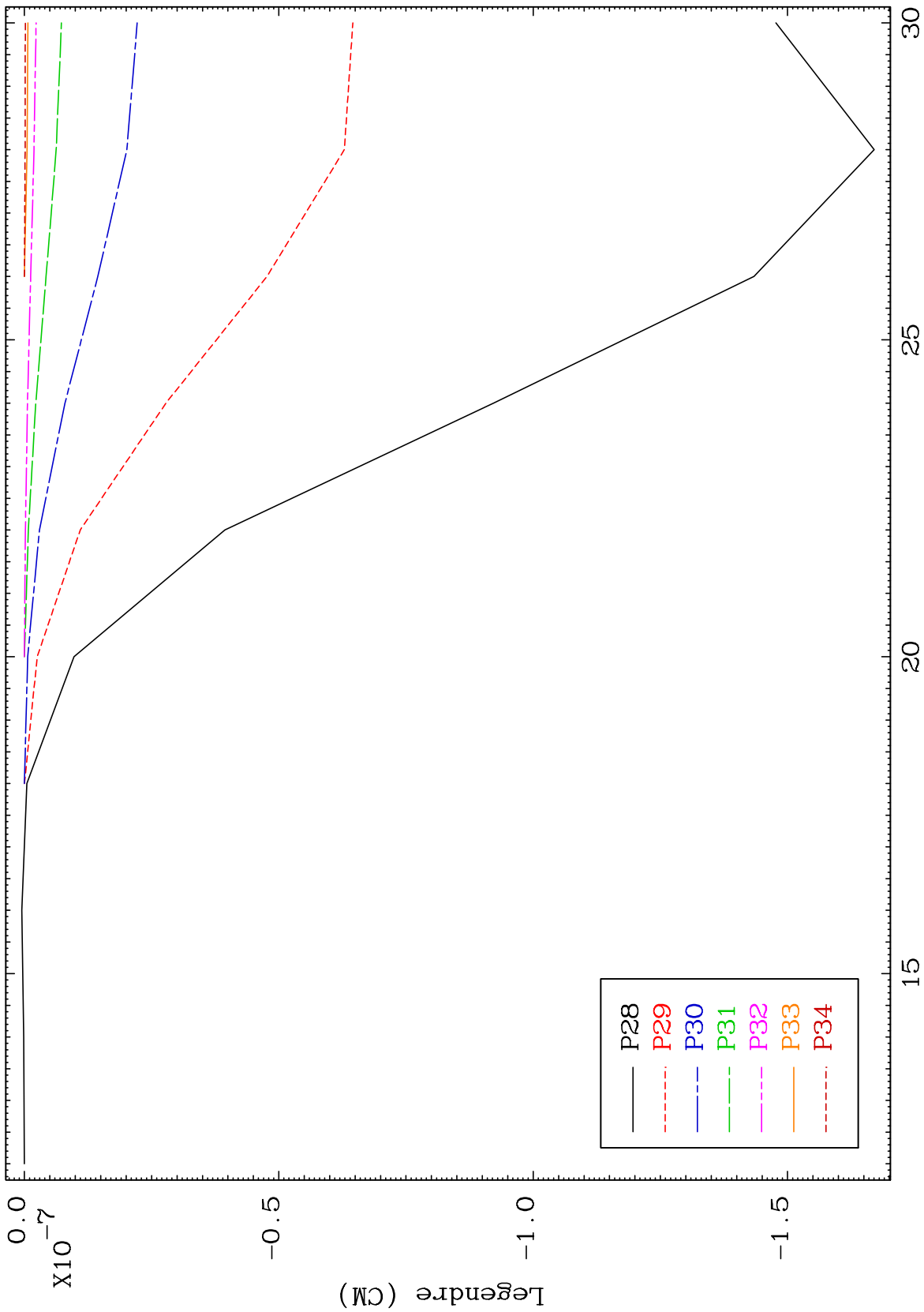
Incident Energy (MeV)

³⁷Rb-76

MAT 3698

37-Rb-76

Elastic Legendre Coefficients



19

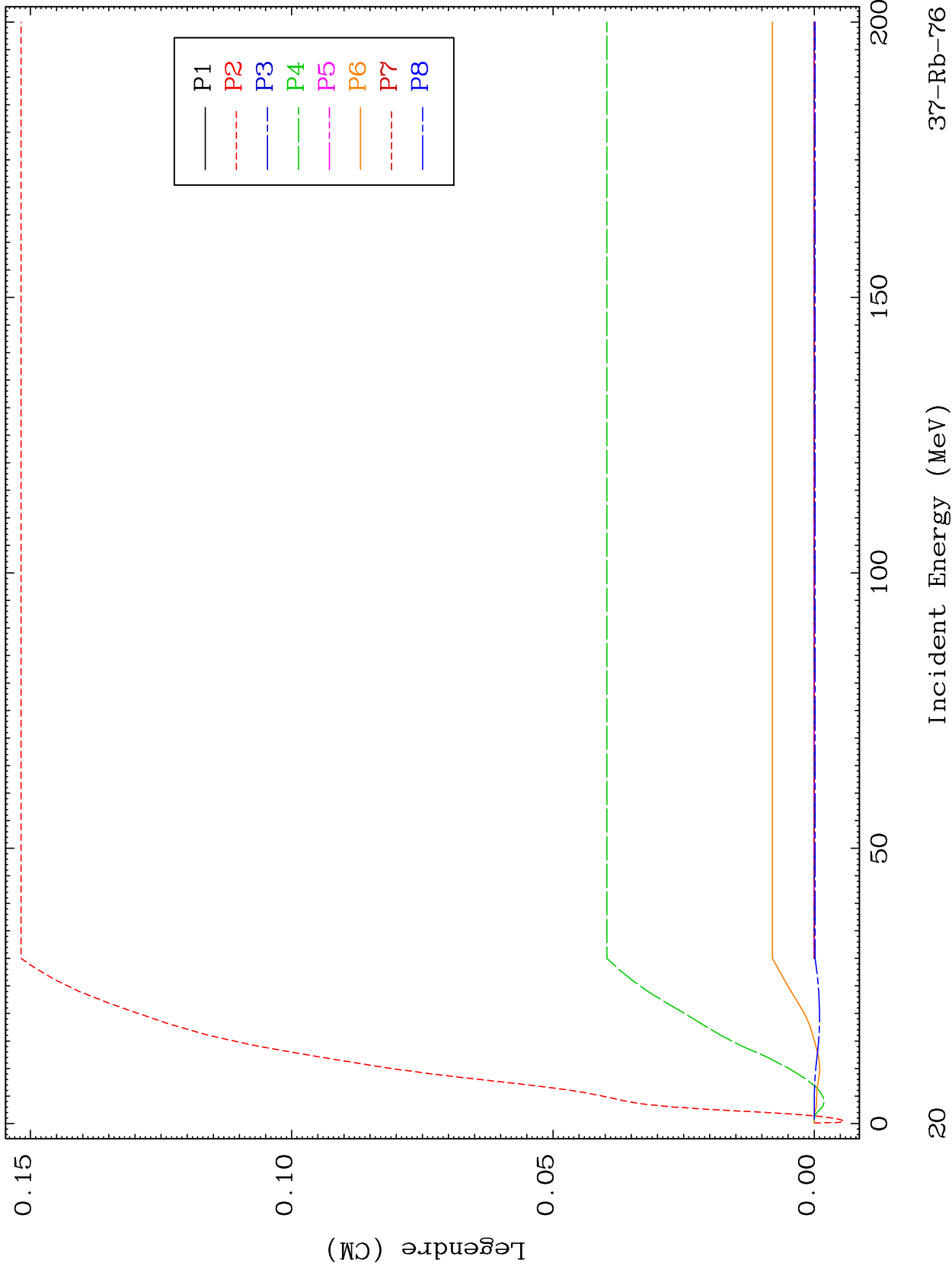
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76

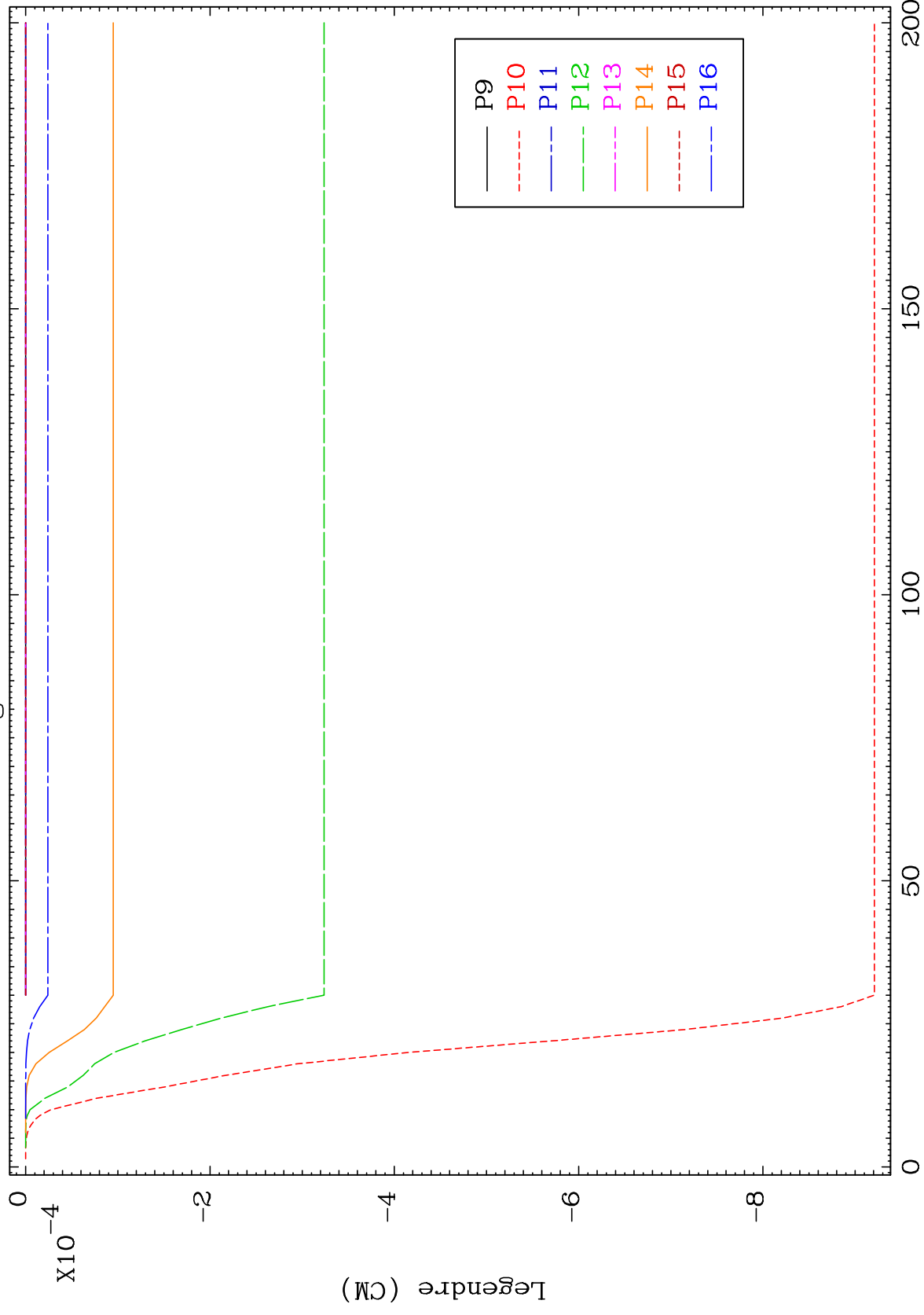


37-Rb-76

MAT 3698

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

37-Rb-76



21

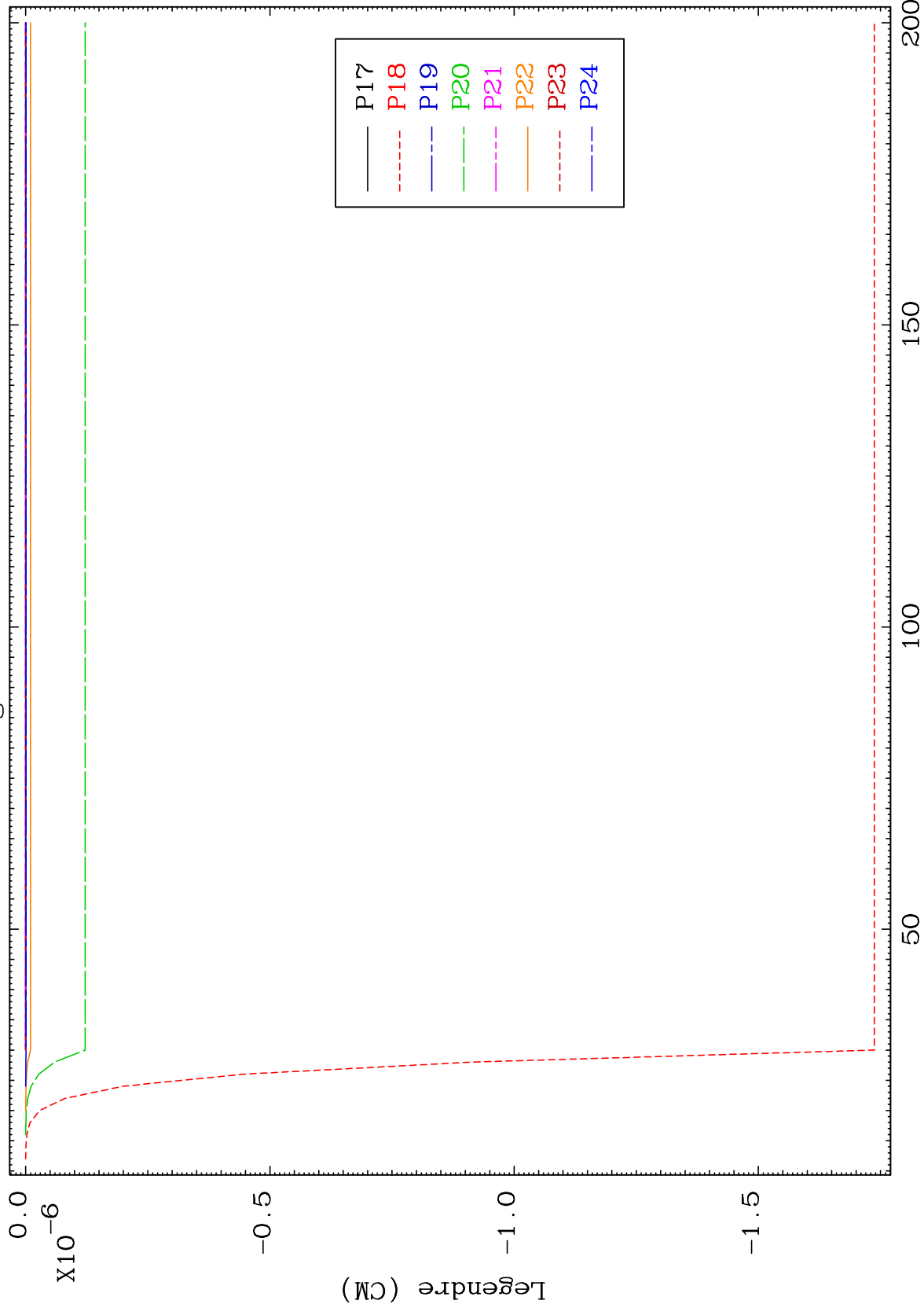
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



22

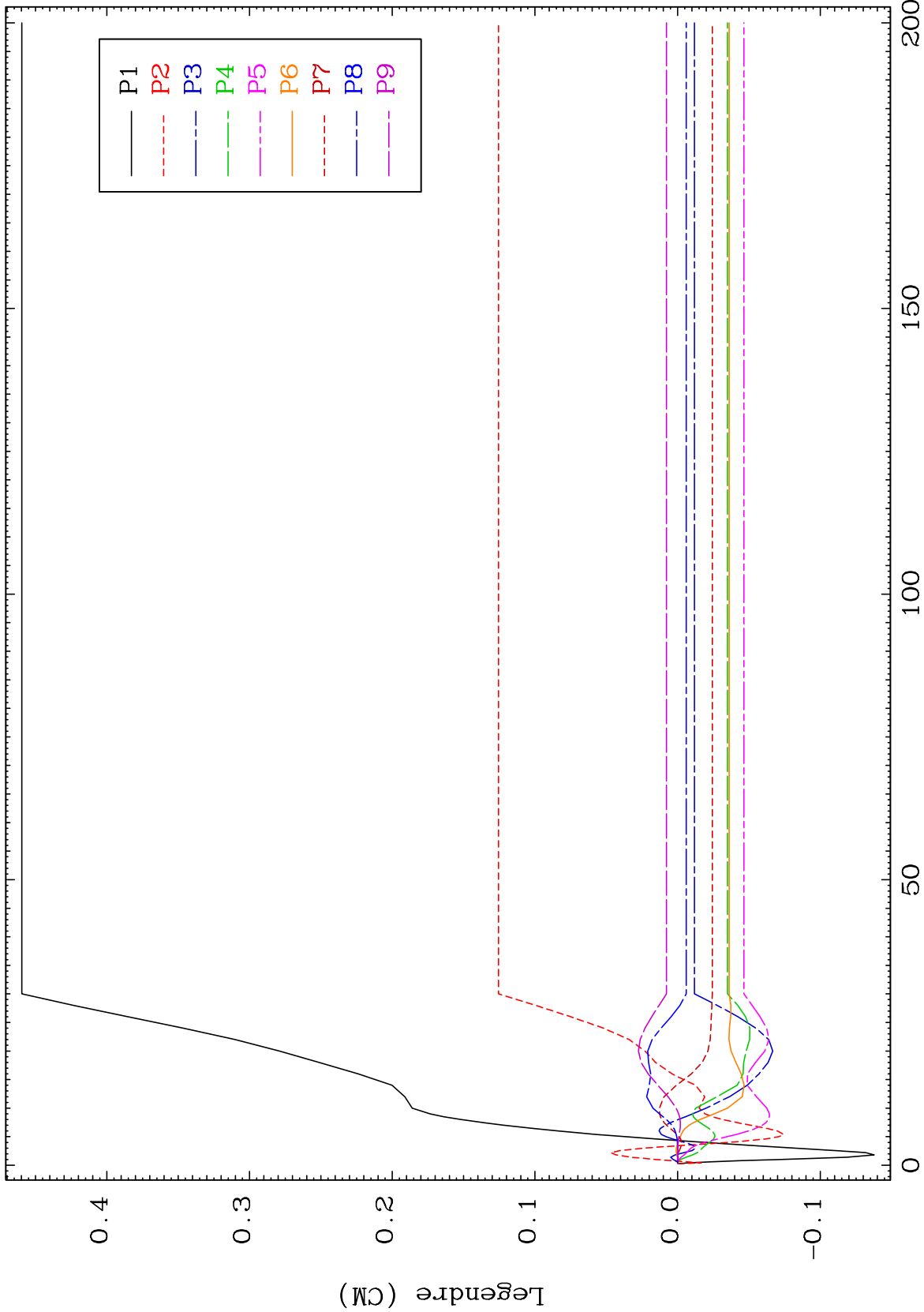
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



23

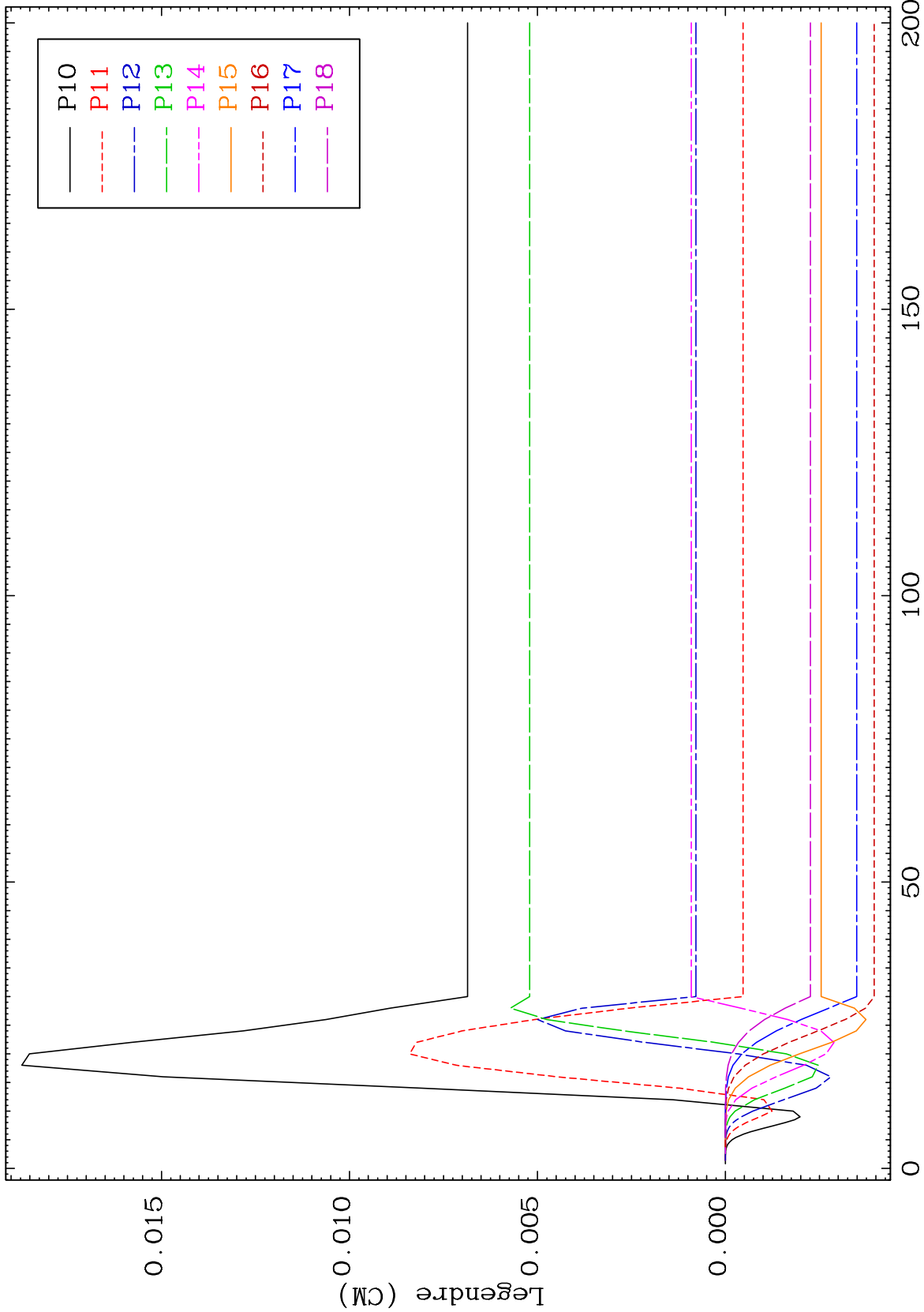
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



24

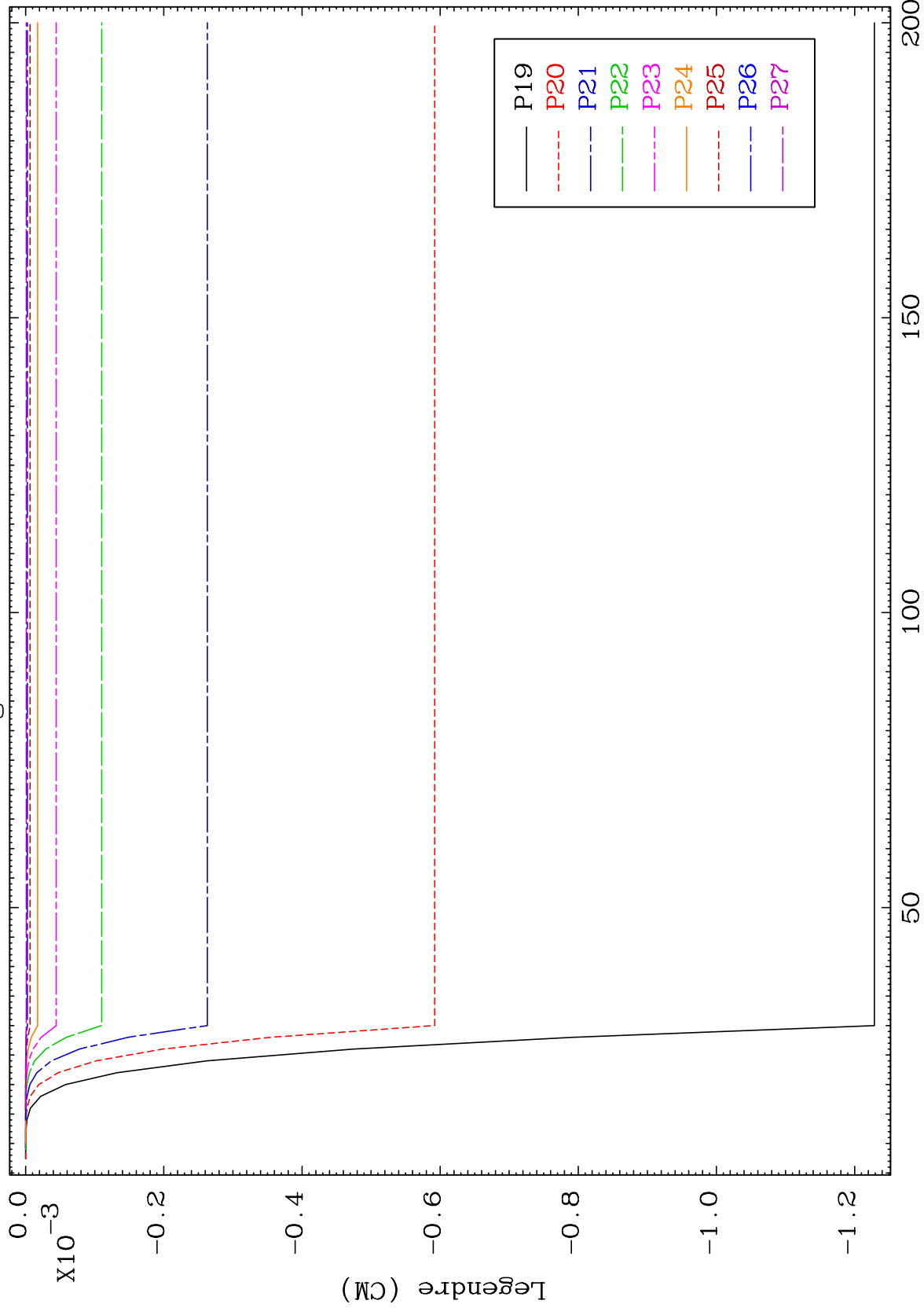
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



25

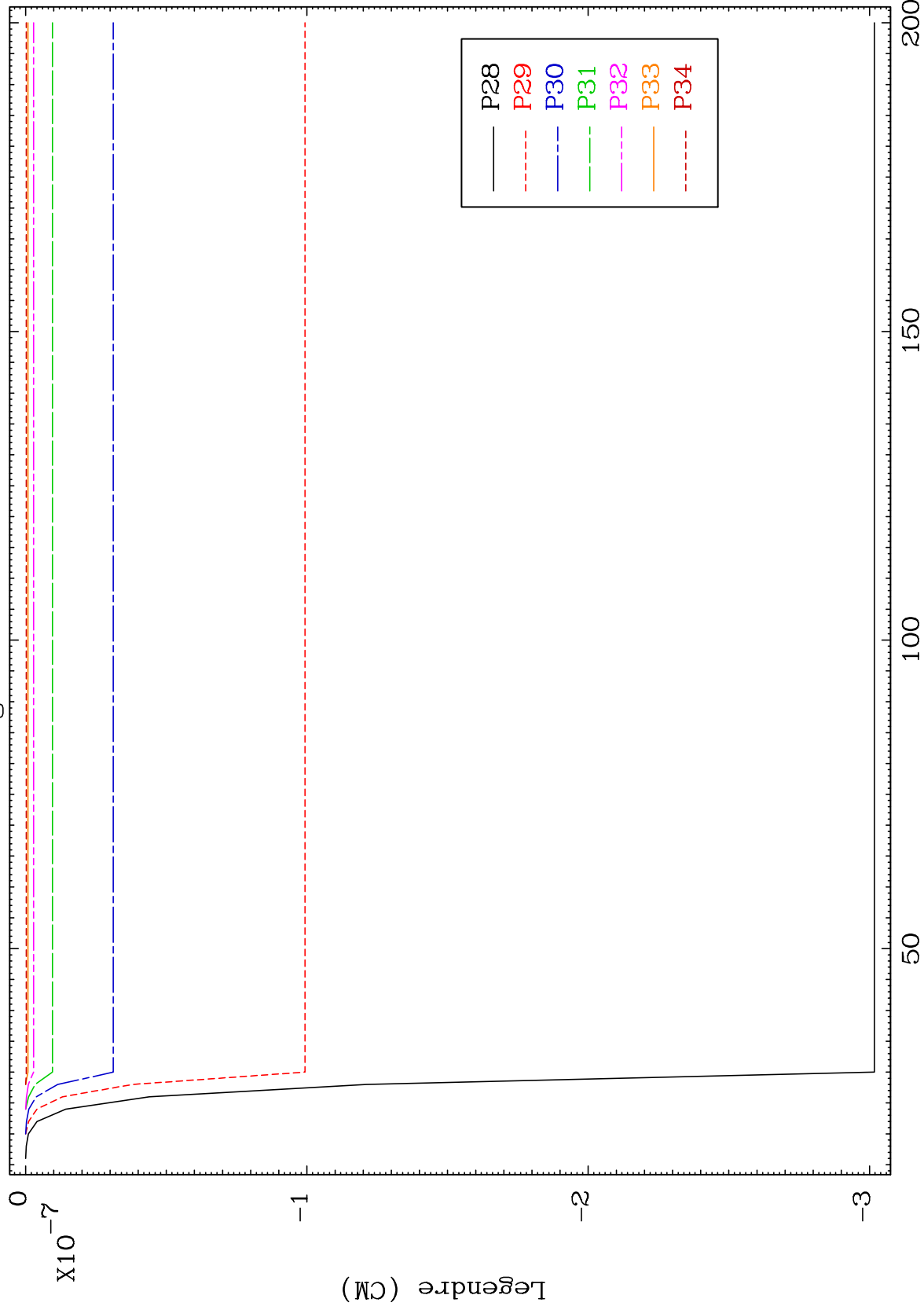
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



26

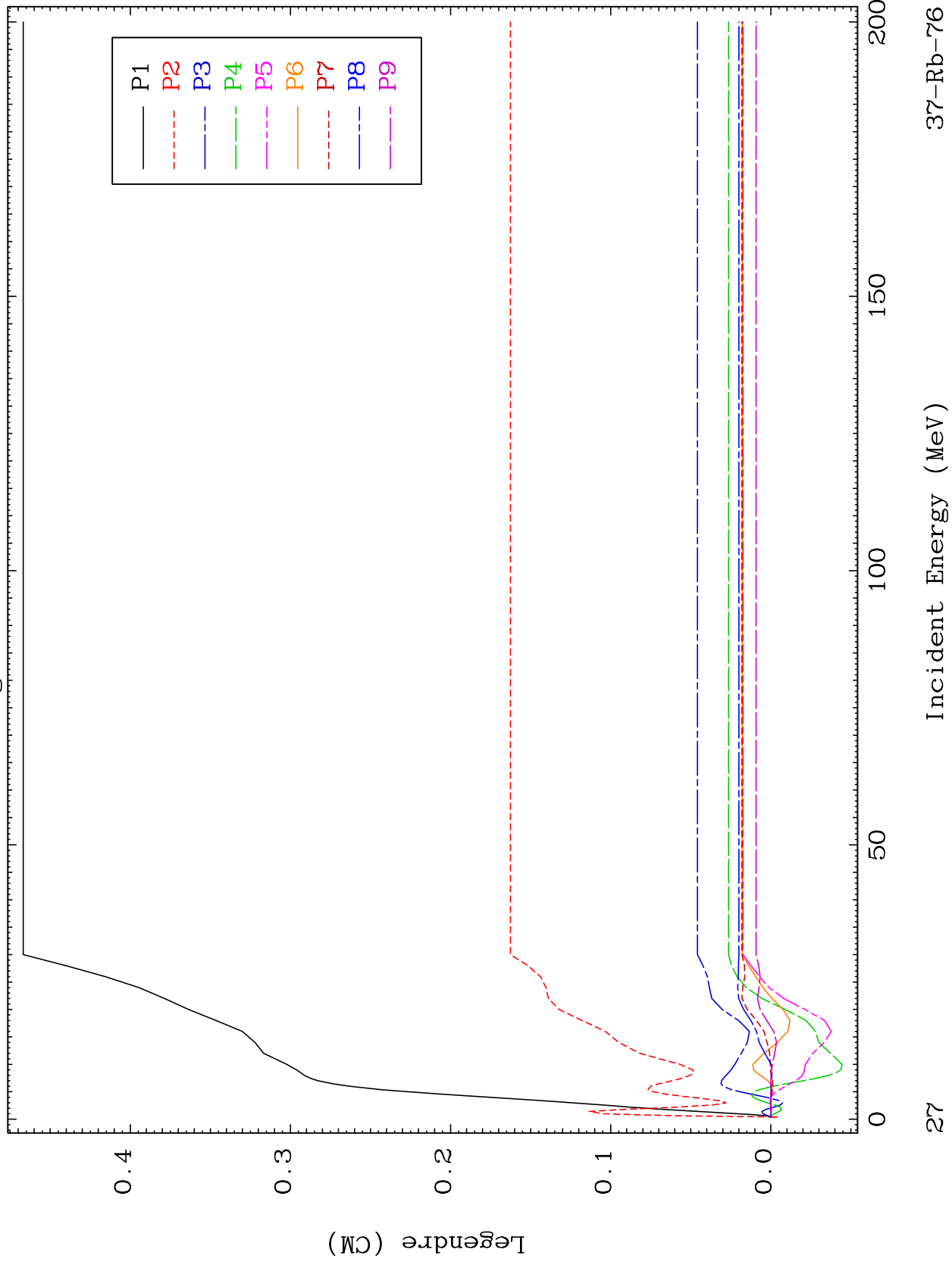
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



37-Rb-76

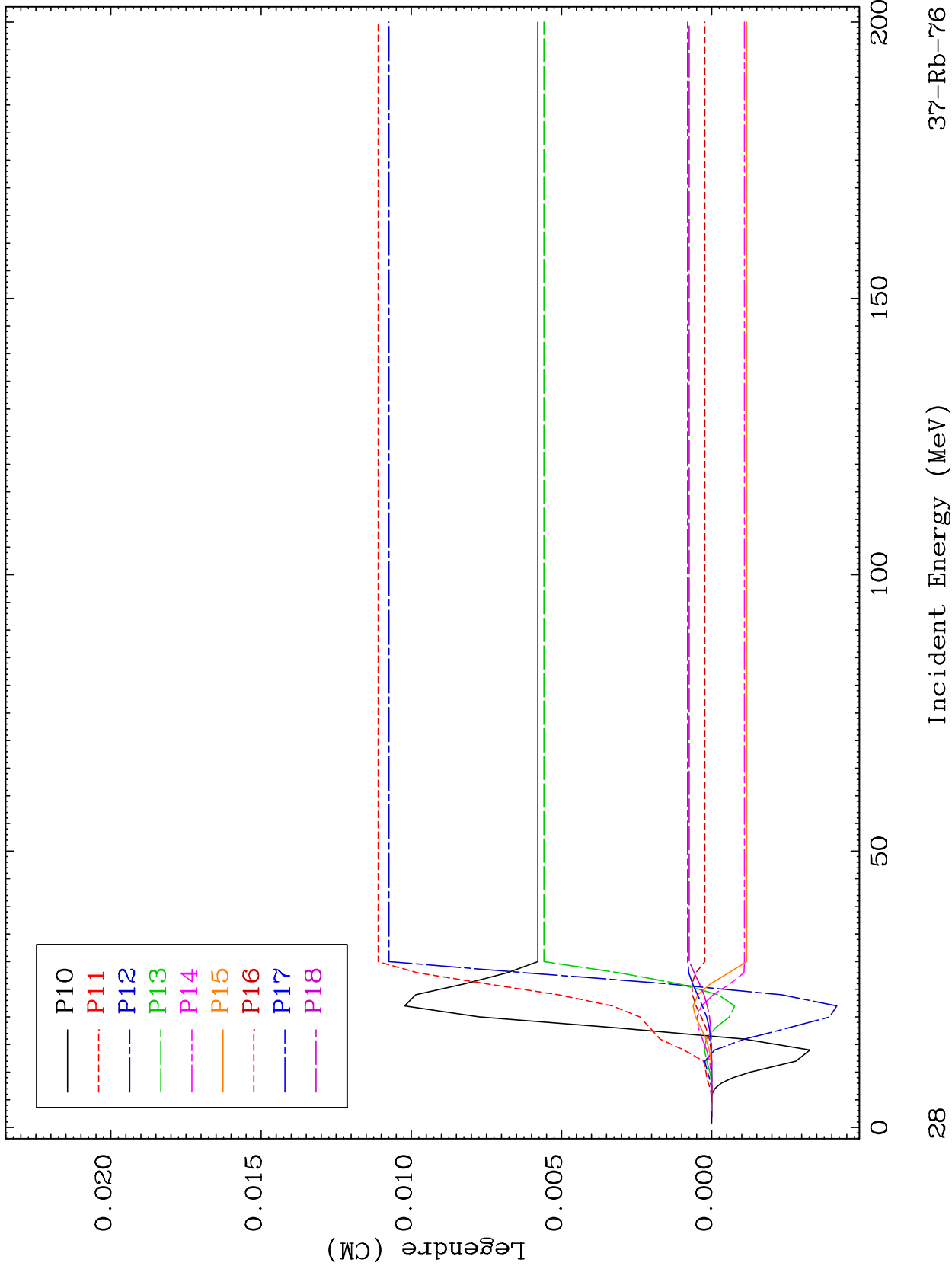
Incident Energy (MeV)

27

MAT 3698

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

37-Rb-76



37-Rb-76

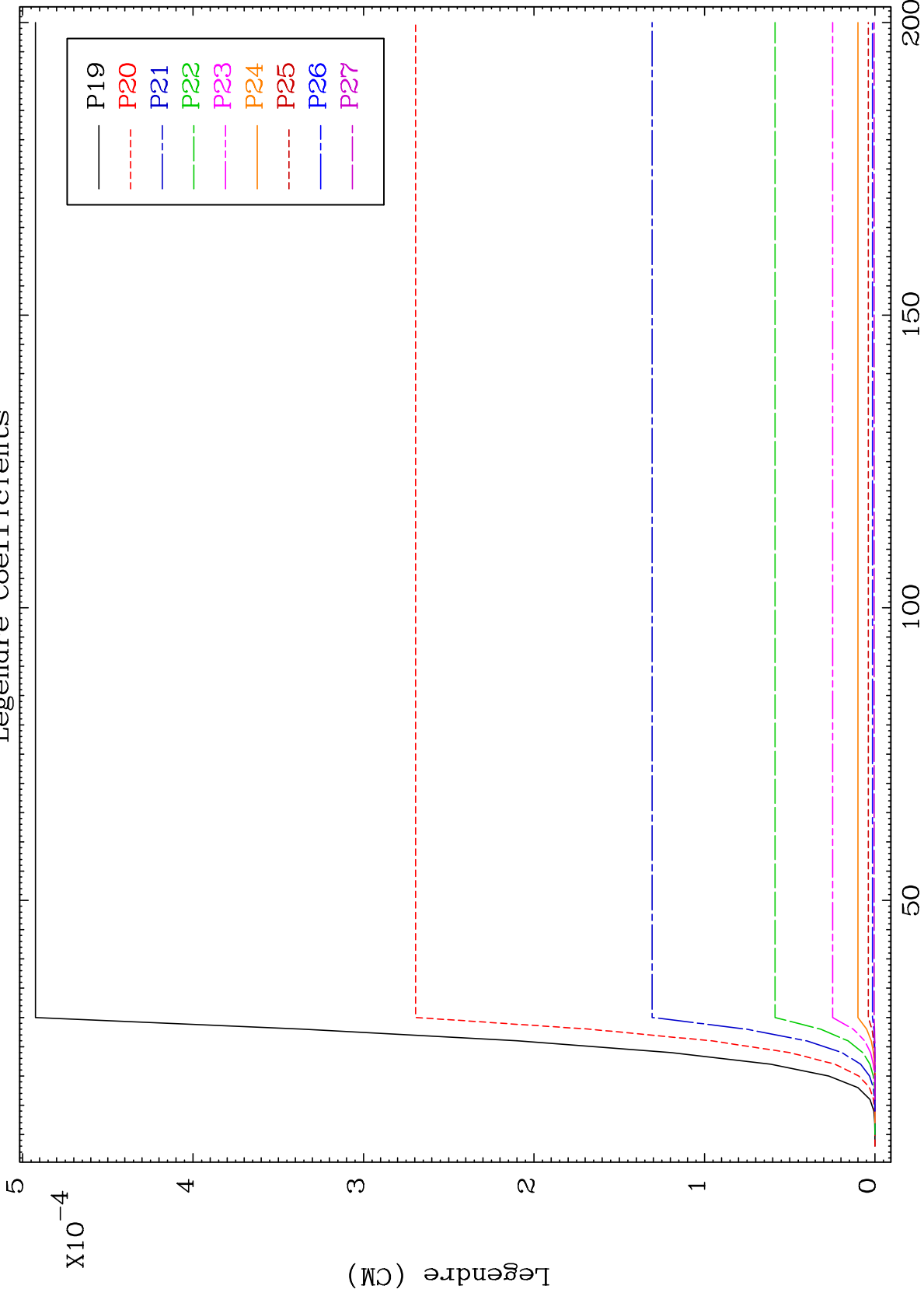
Incident Energy (MeV)

28

MAT 3698

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

37-Rb-76



29

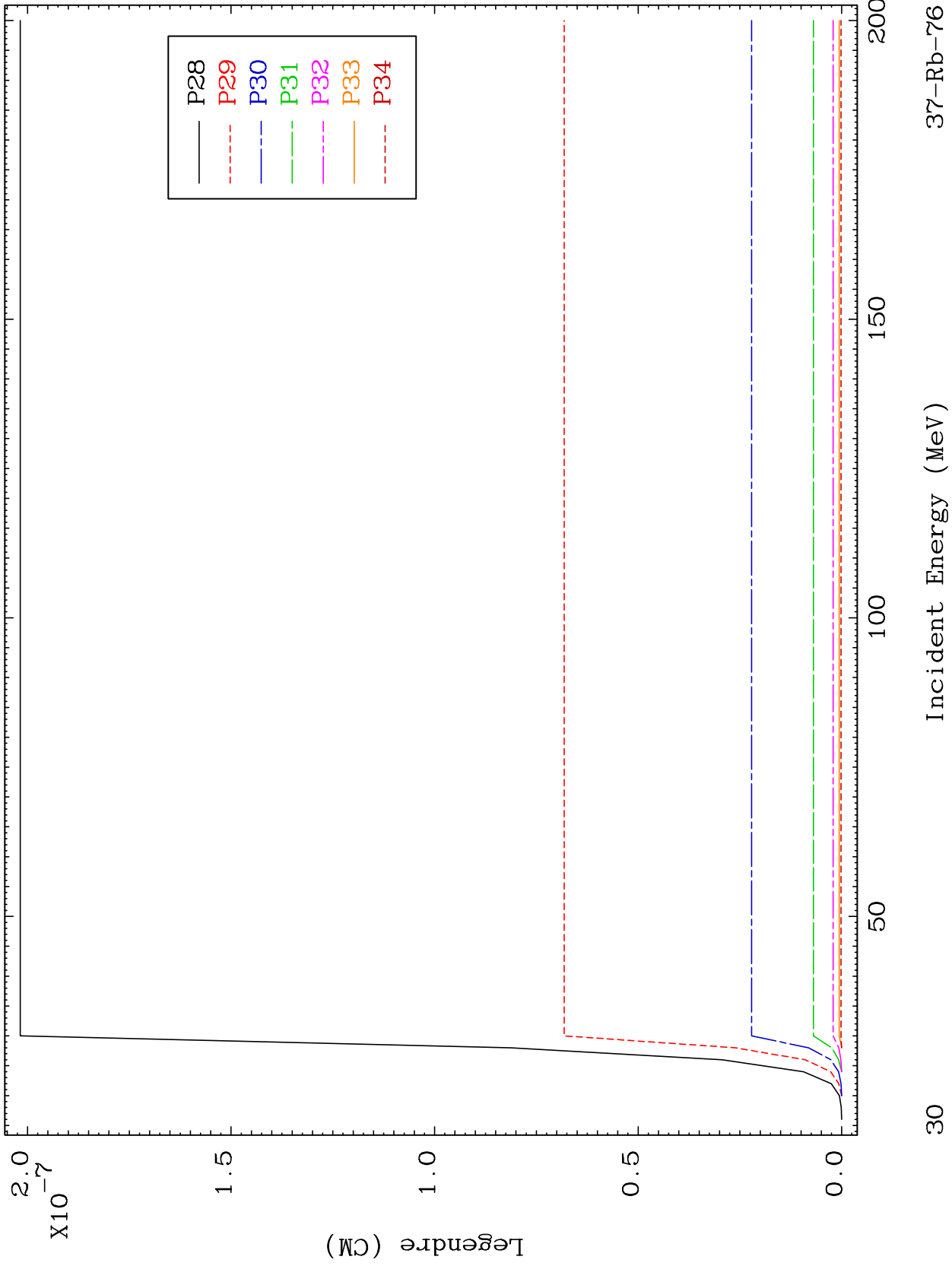
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

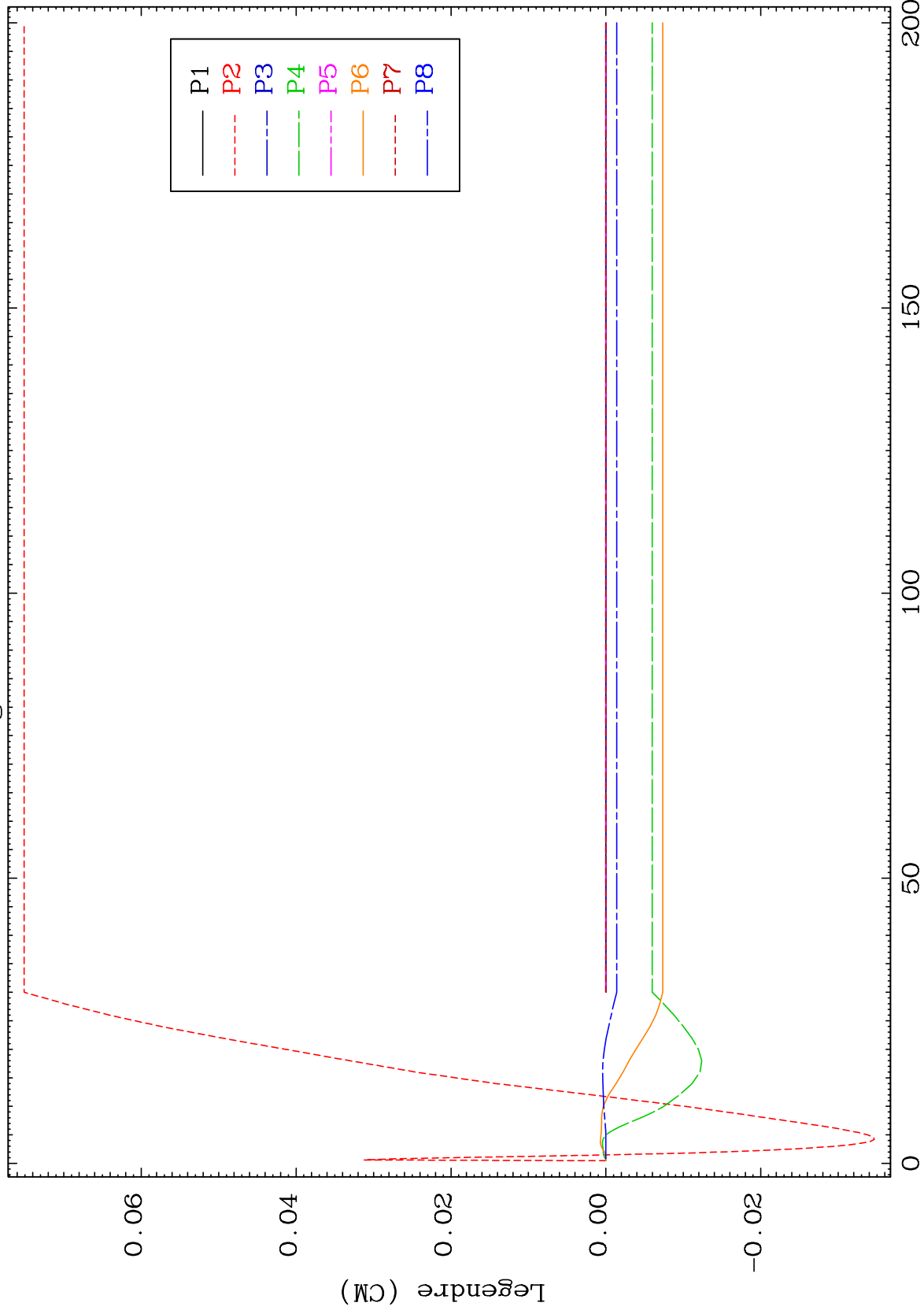
37-Rb-76



MAT 3698

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

37-Rb-76



31

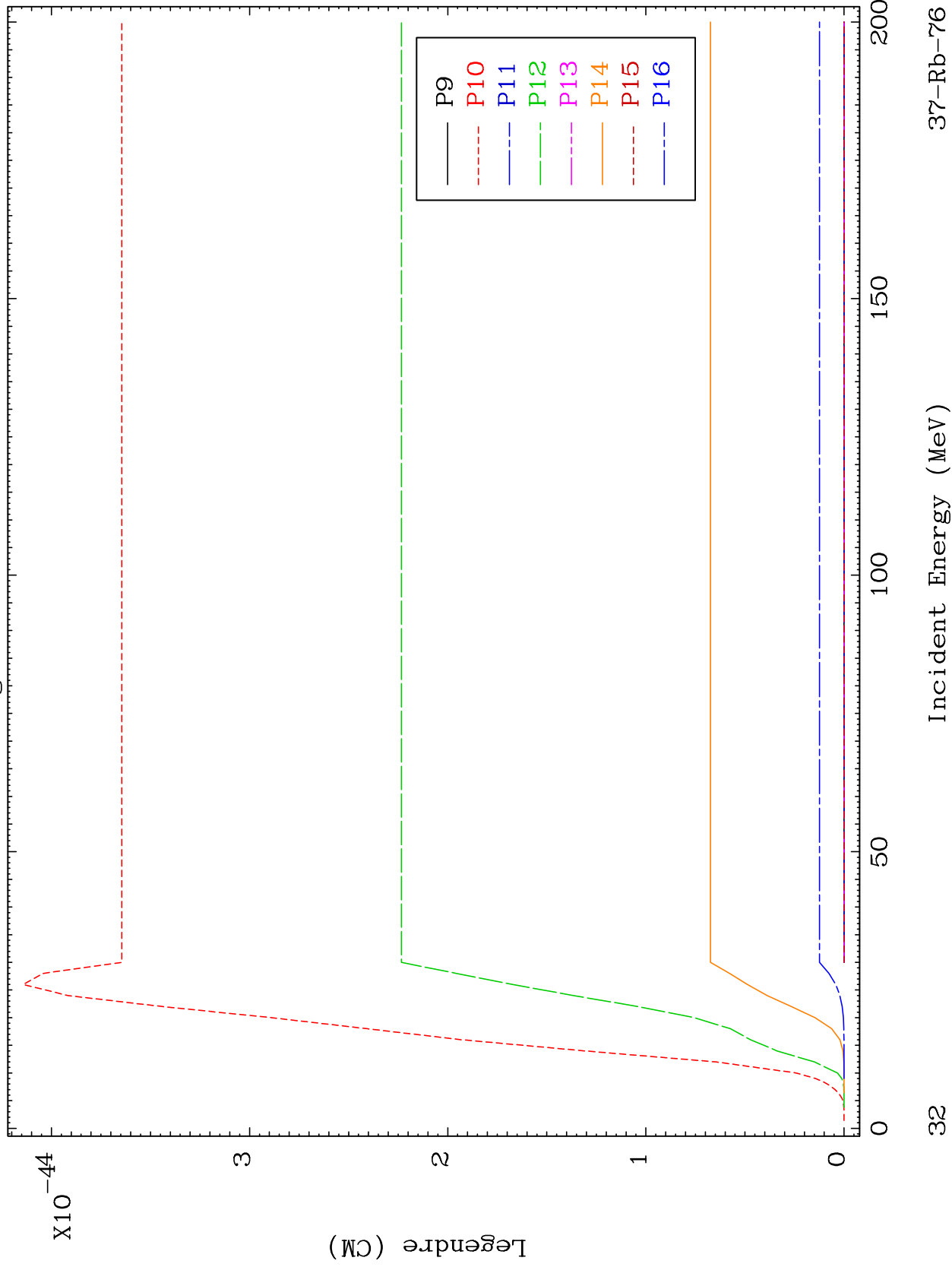
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



37-Rb-76

Incident Energy (MeV)

32

MAT 3698

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

37-Rb-76

$\times 10^{-7}$

6

4

2

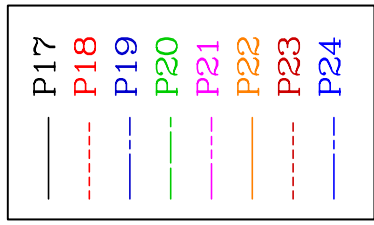
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50

100

150

200



33

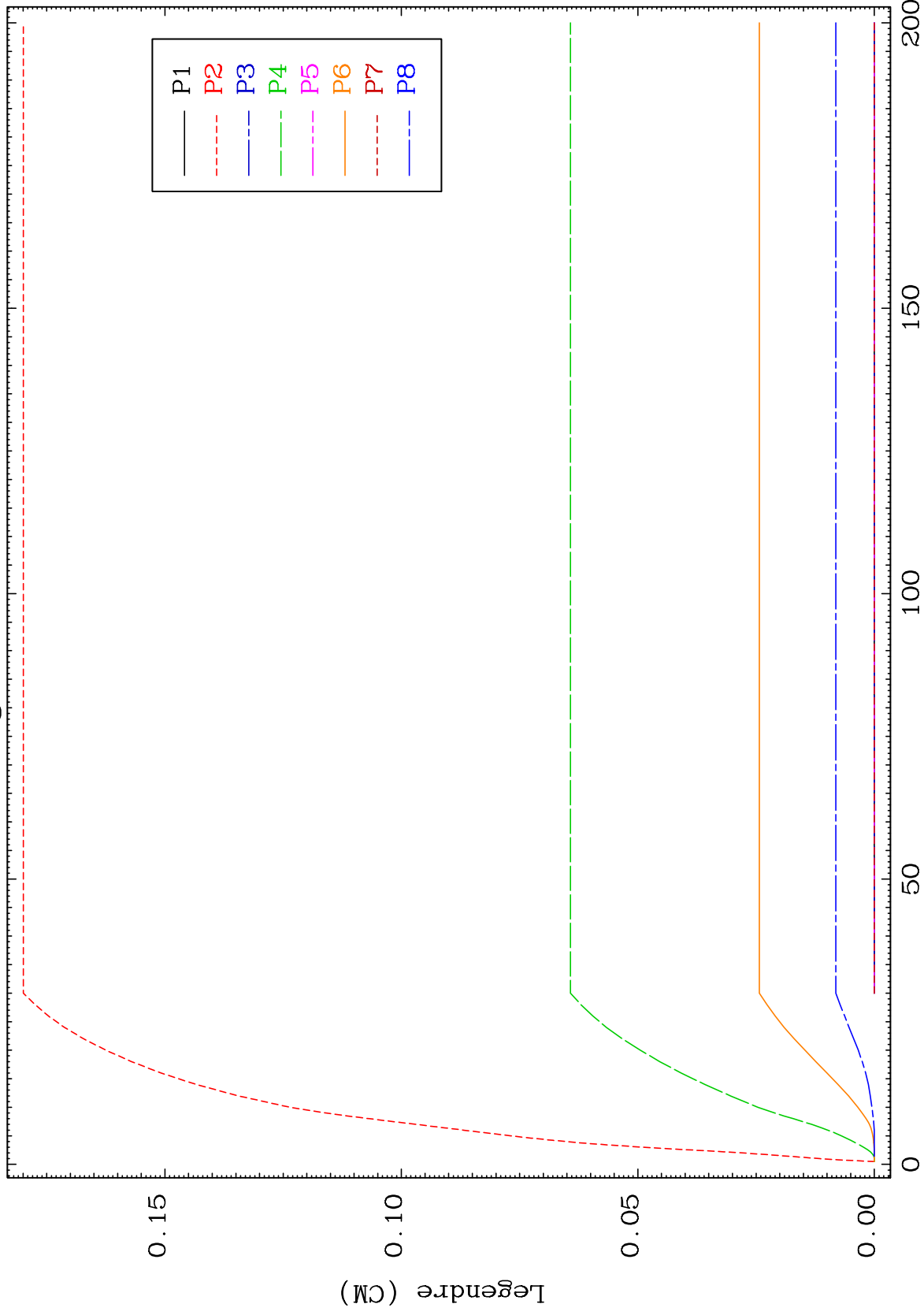
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



34

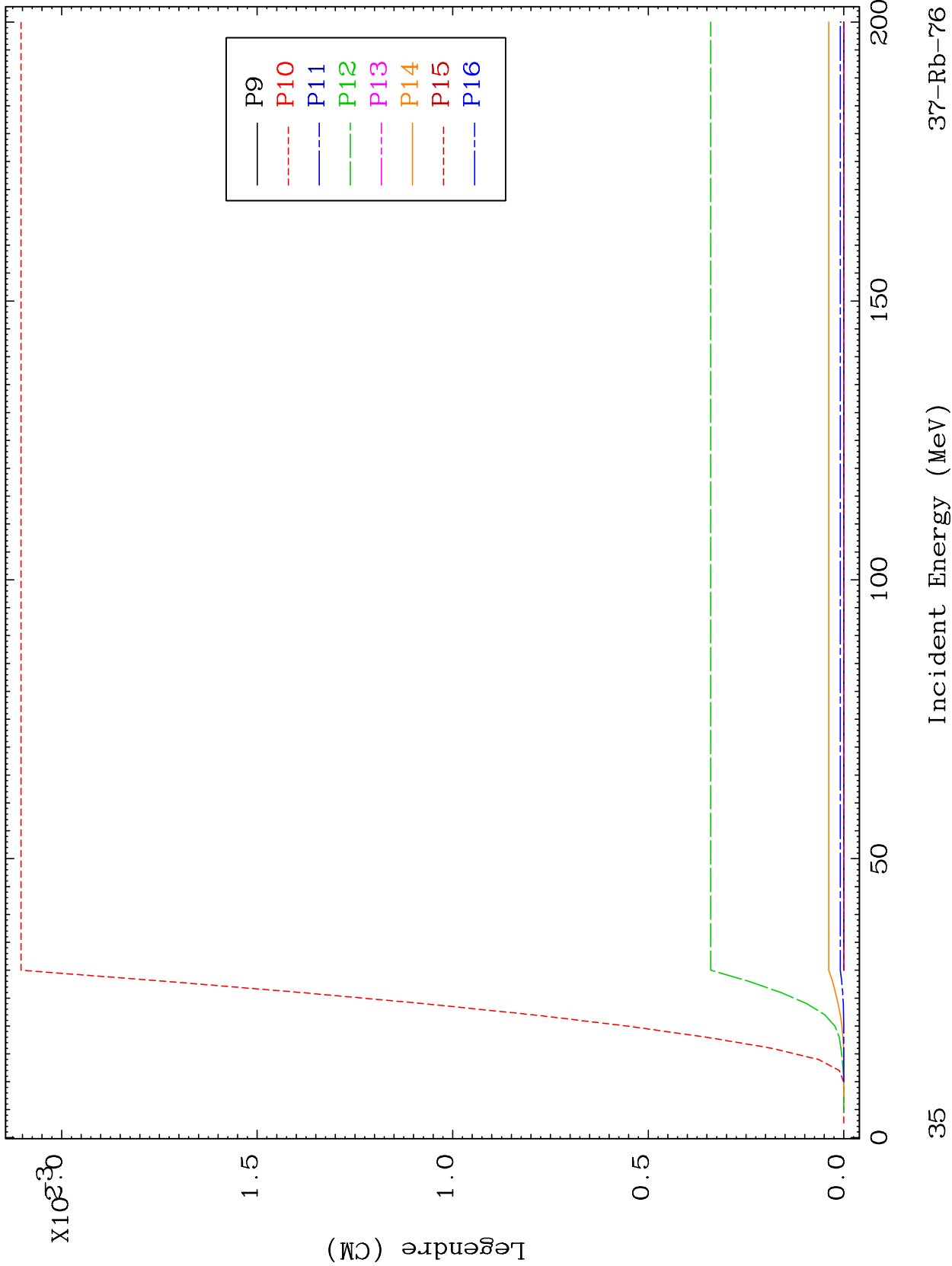
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

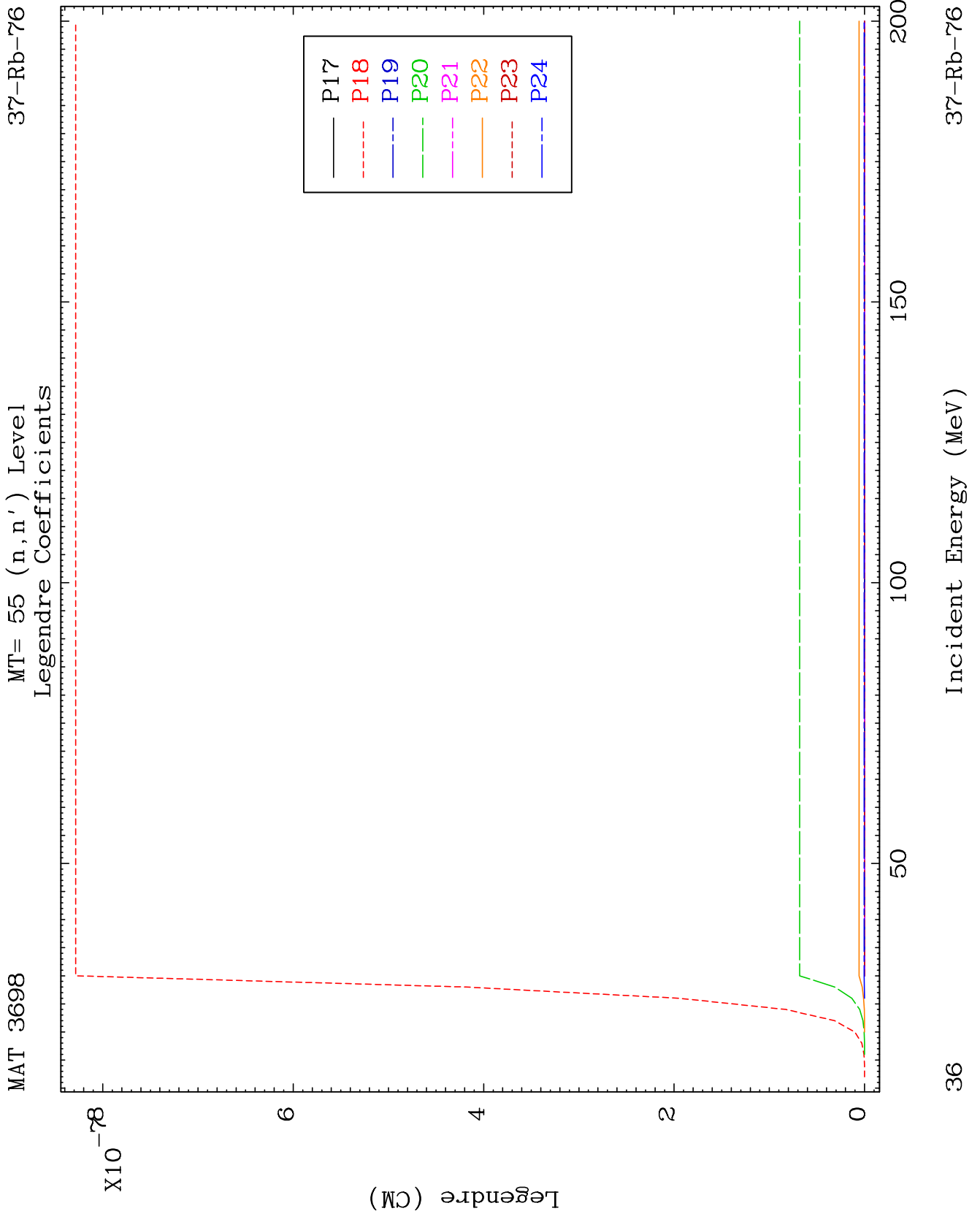
37-Rb-76



37-Rb-76

Incident Energy (MeV)

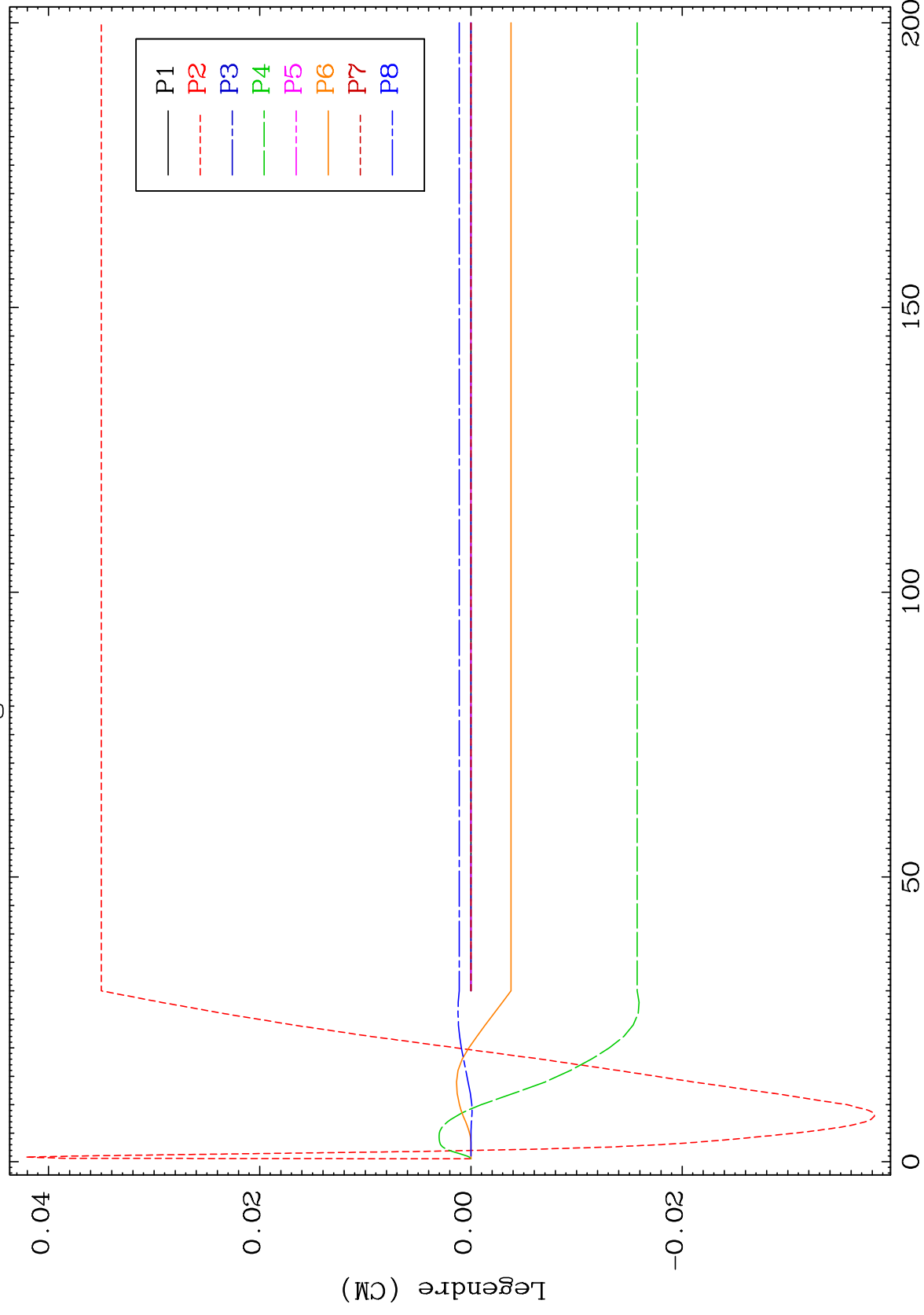
35



MAT 3698

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

37-Rb-76



37

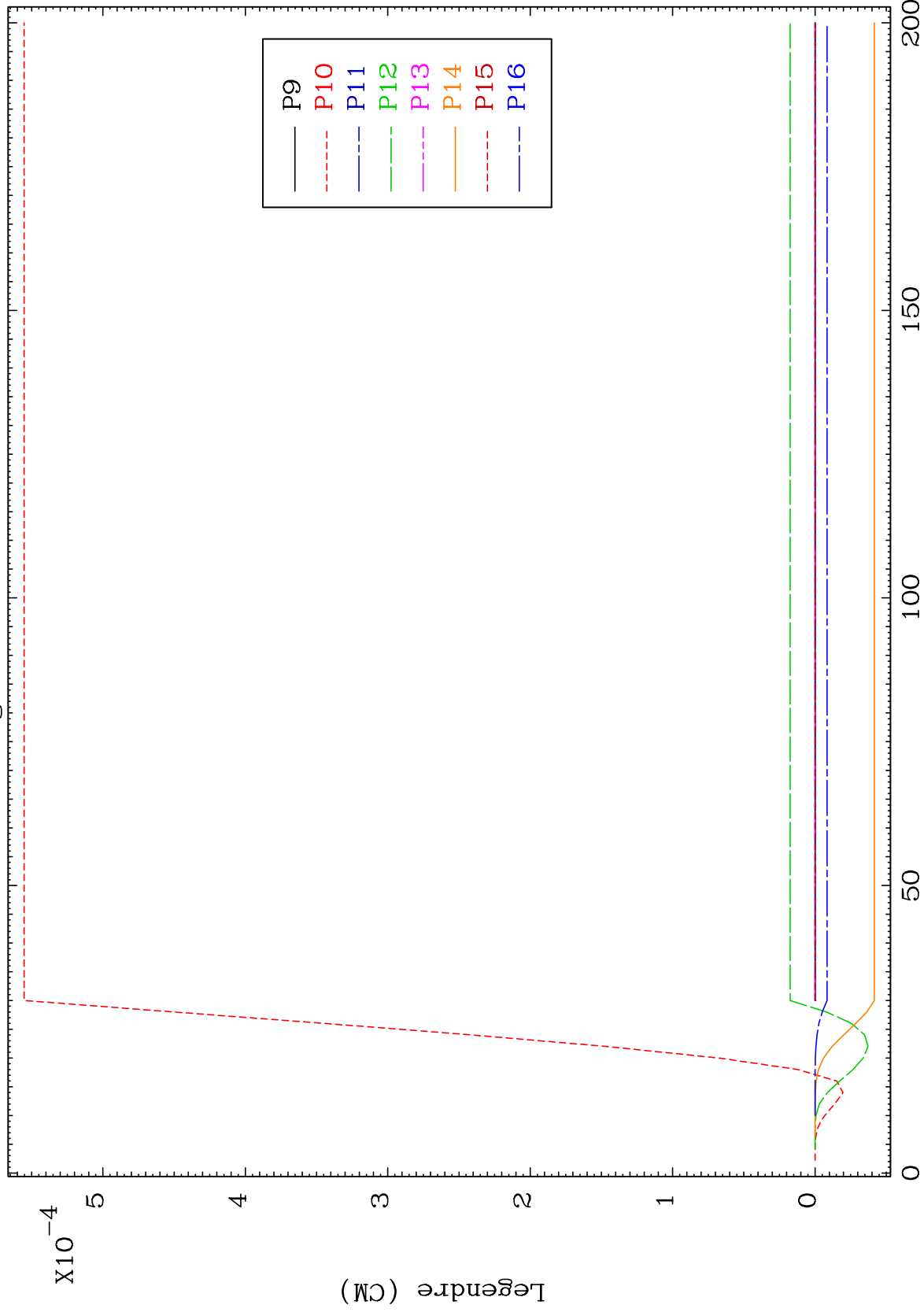
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



38

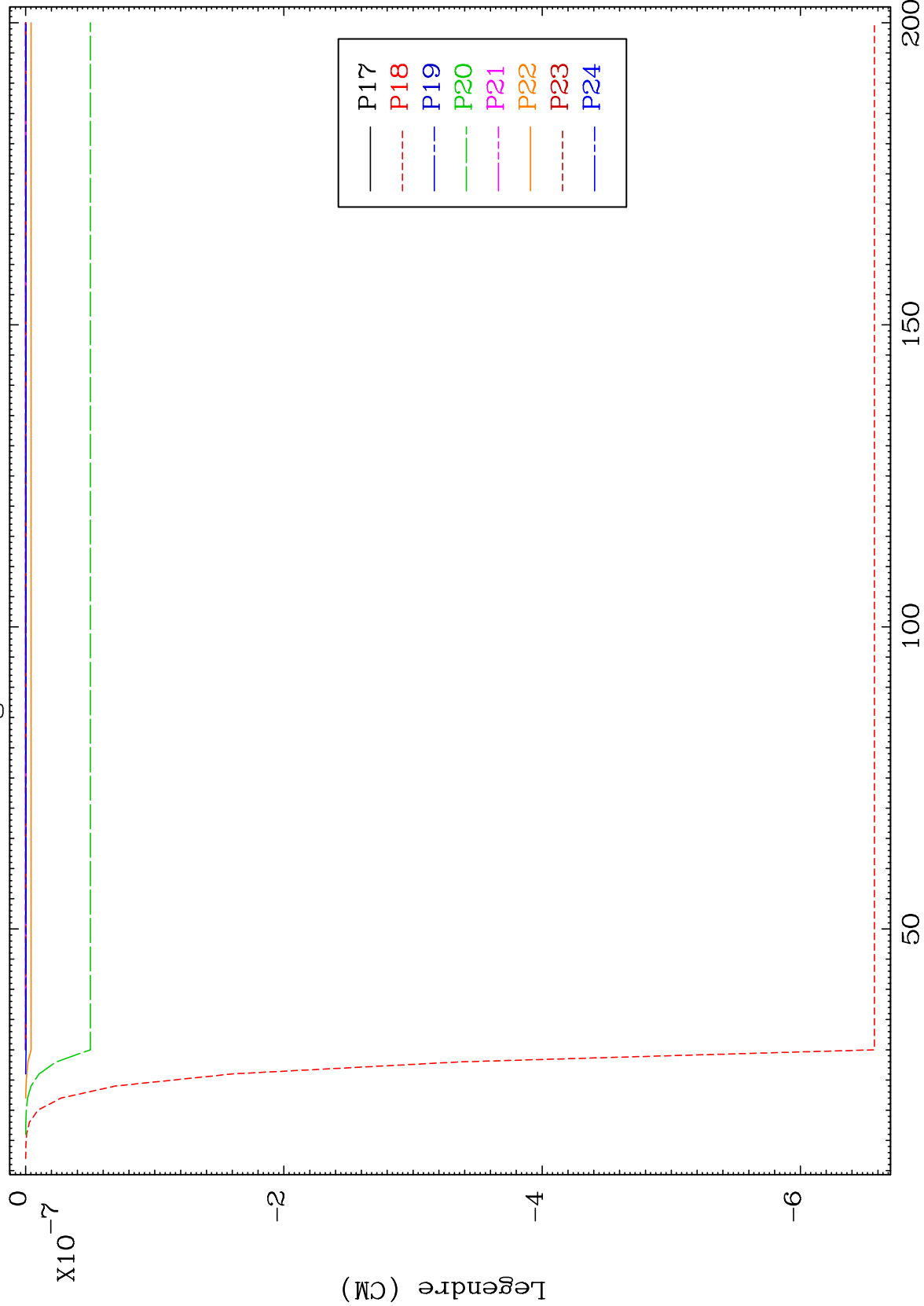
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



39

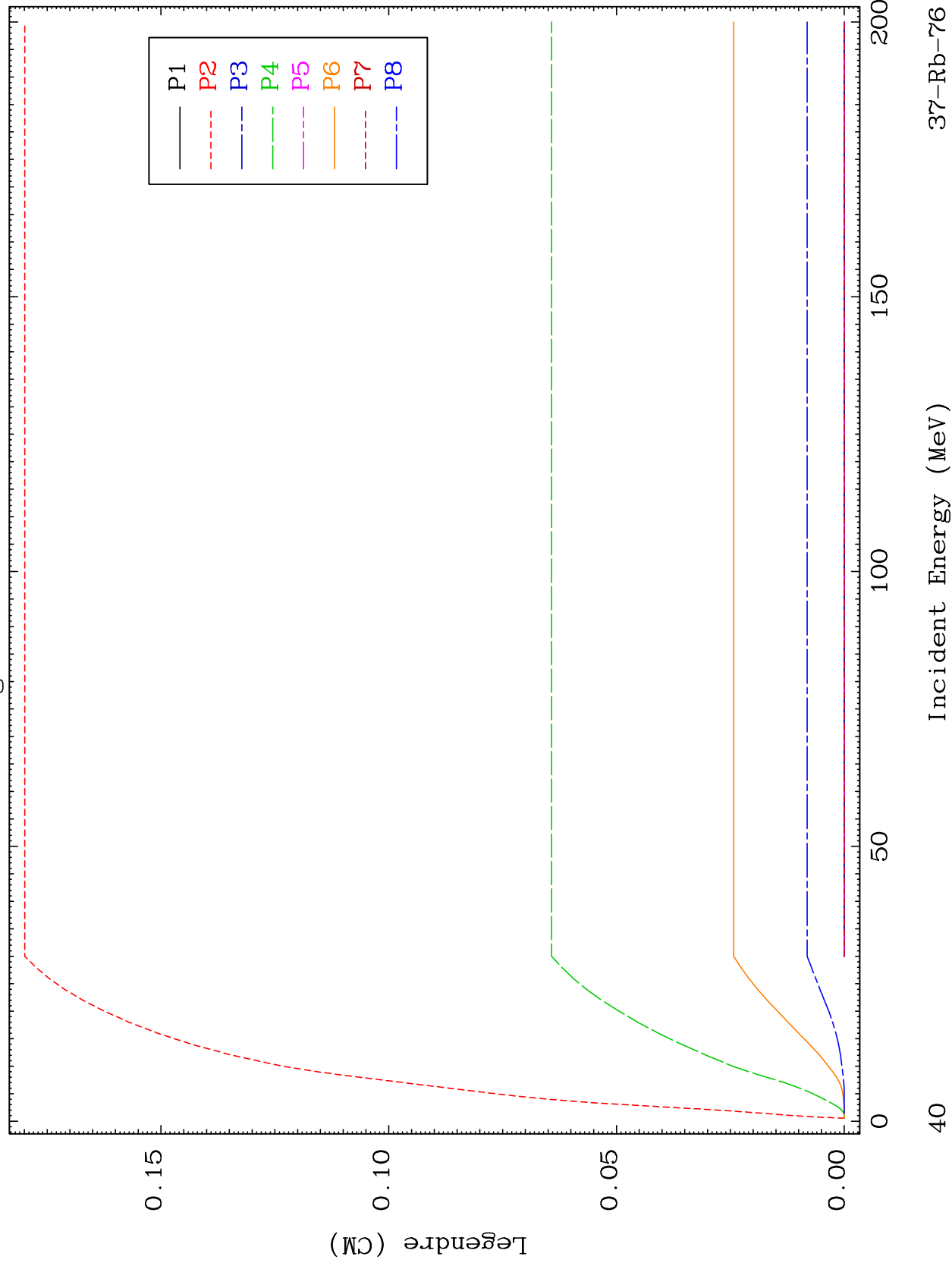
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76

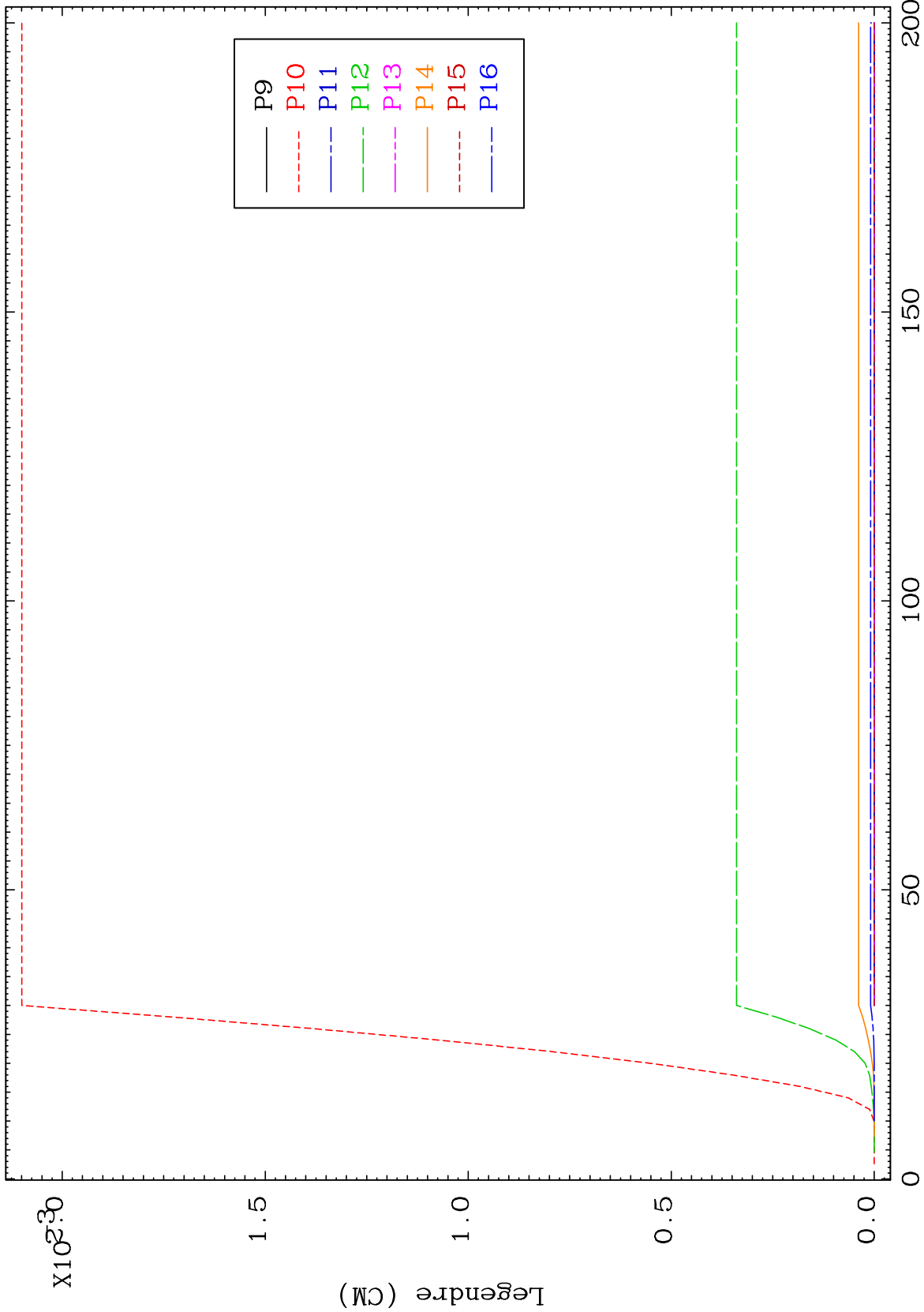


37-Rb-76

MAT 3698

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

37-Rb-76



41

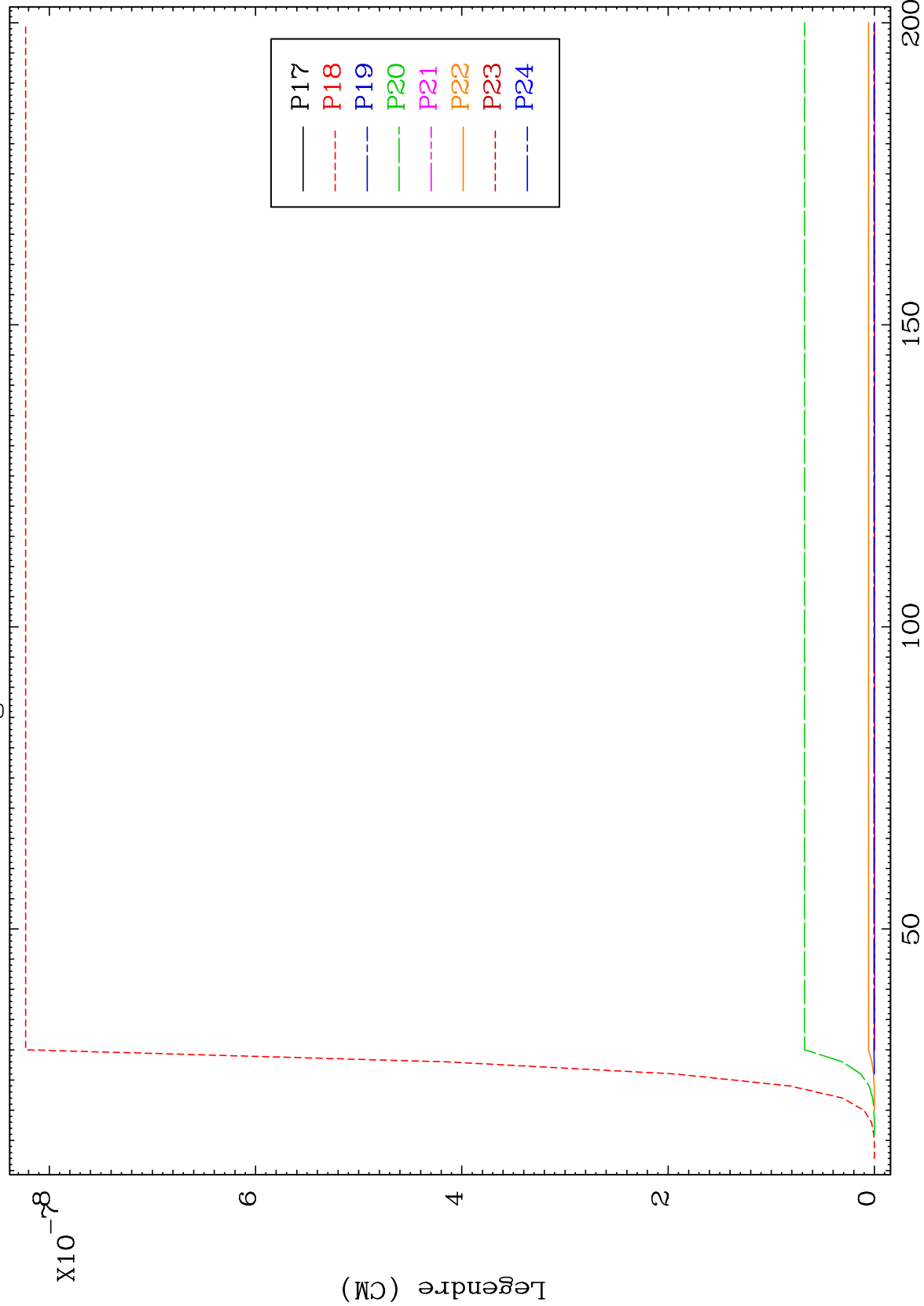
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



42

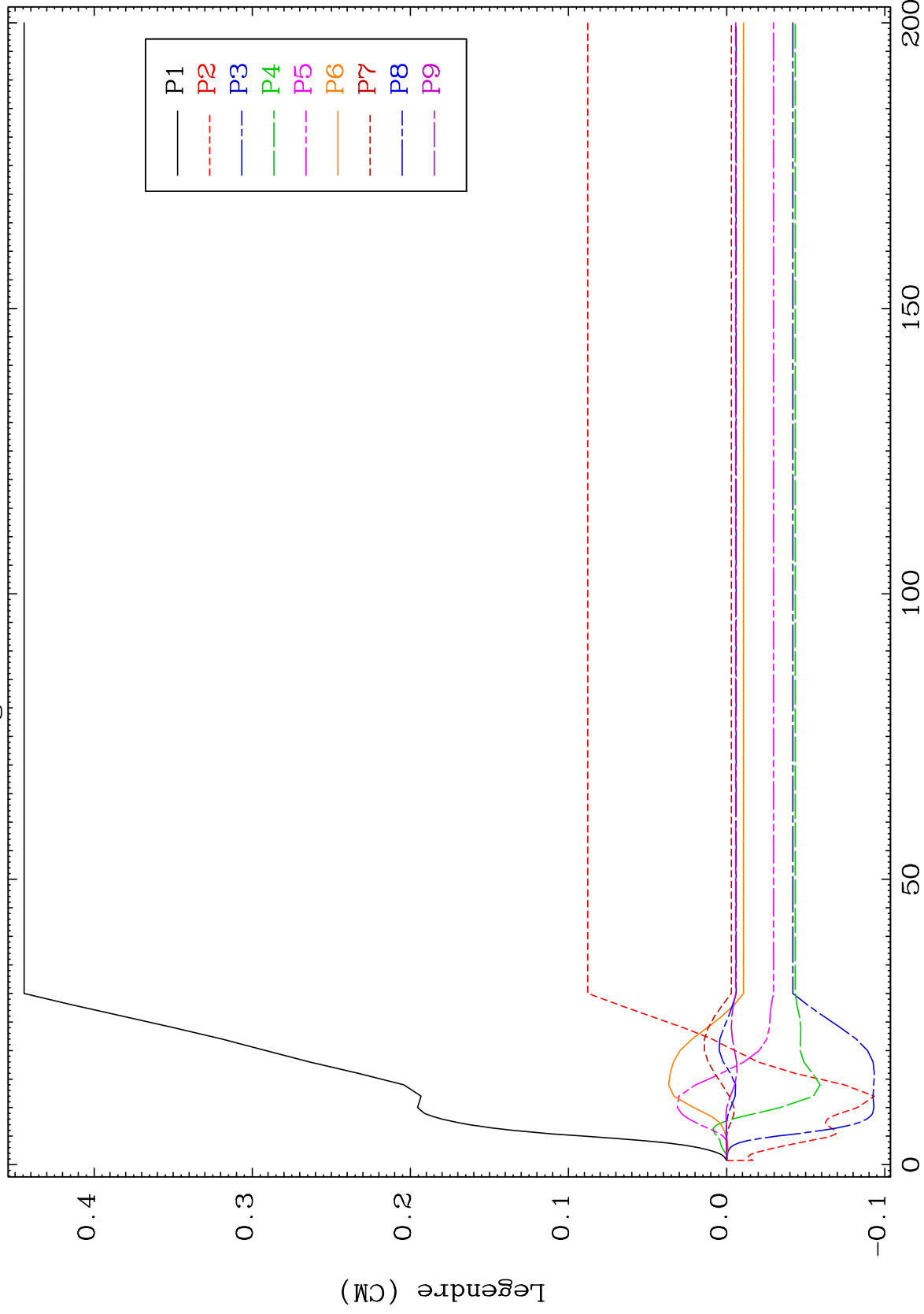
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



43

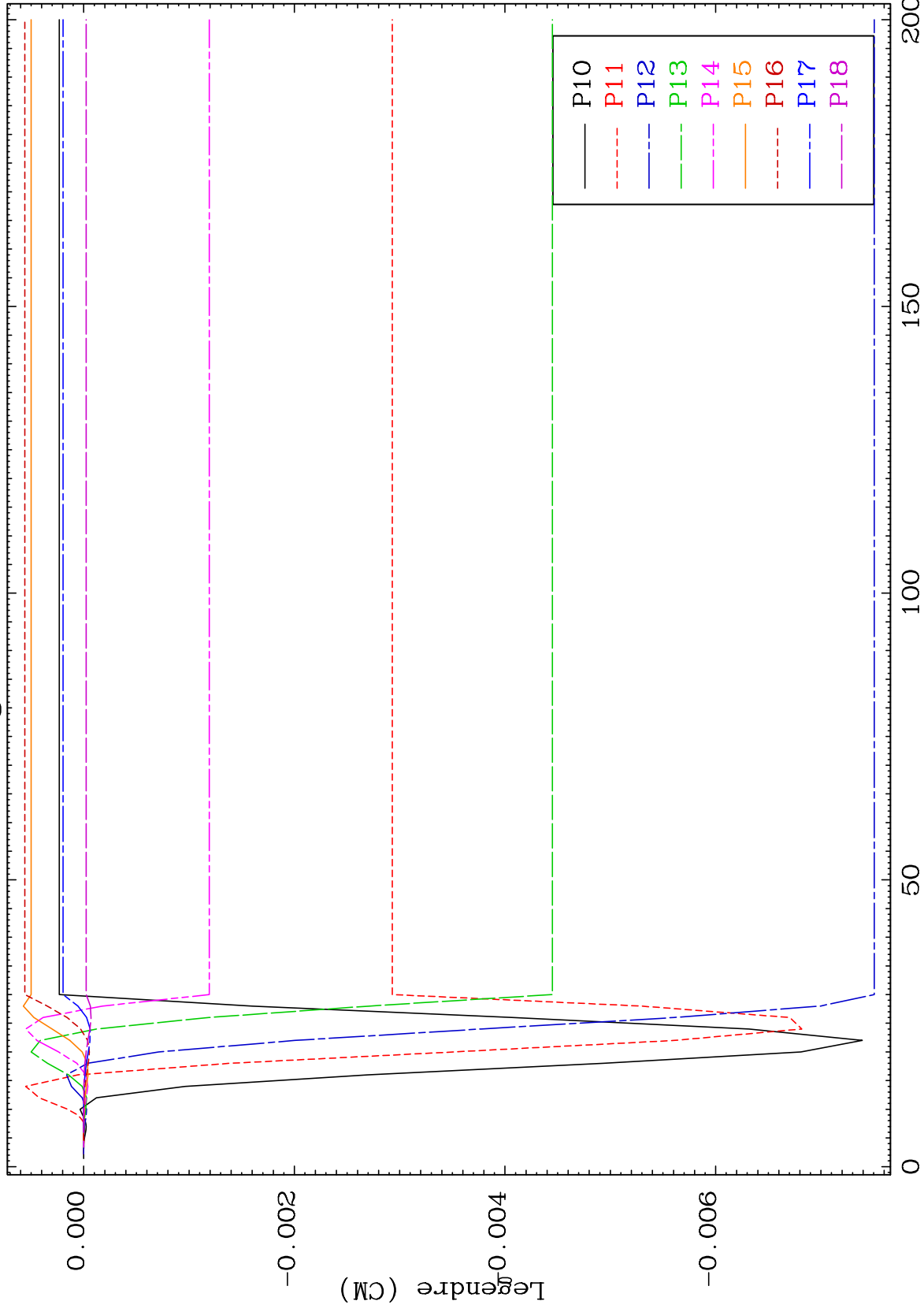
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



44

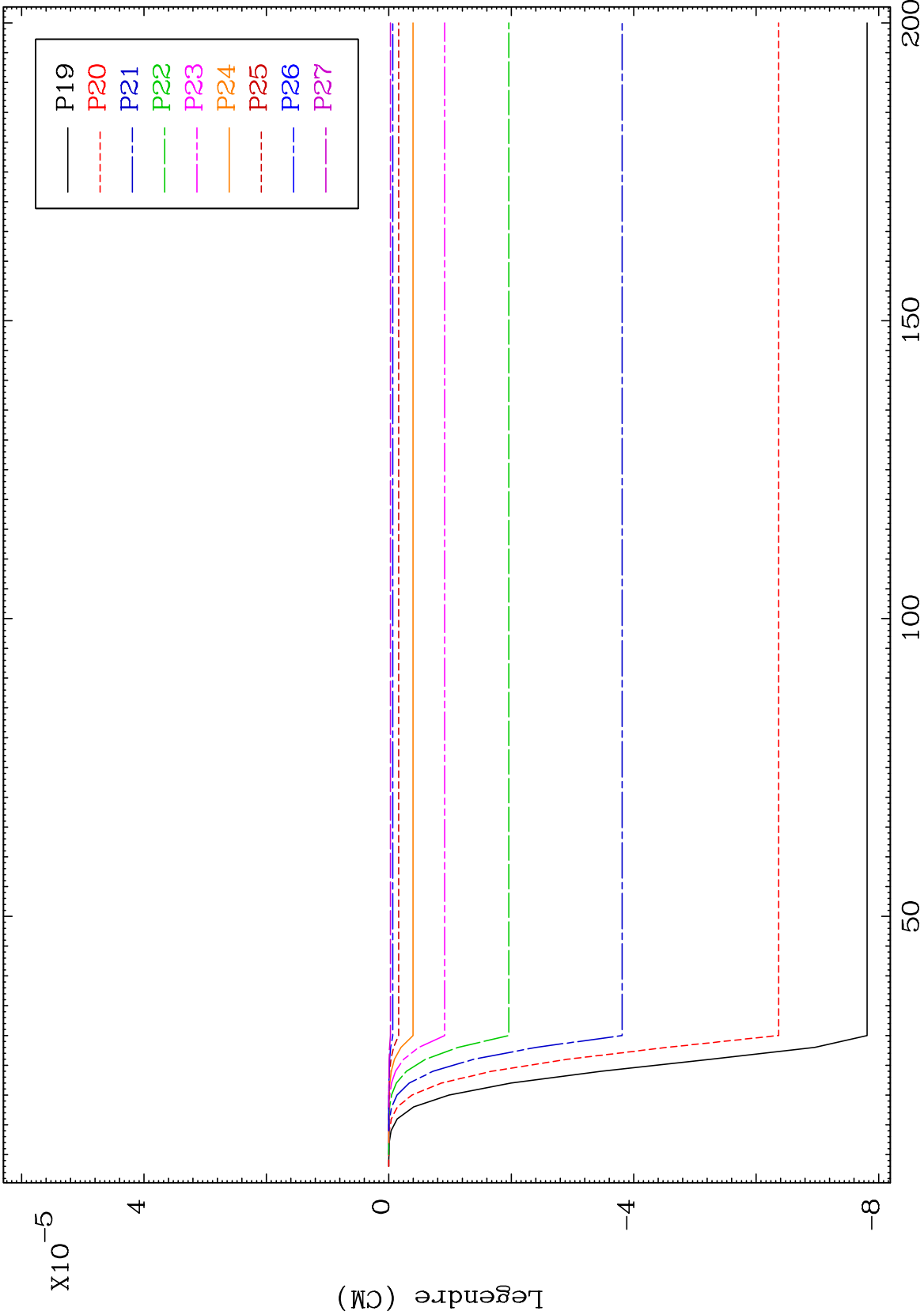
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



45

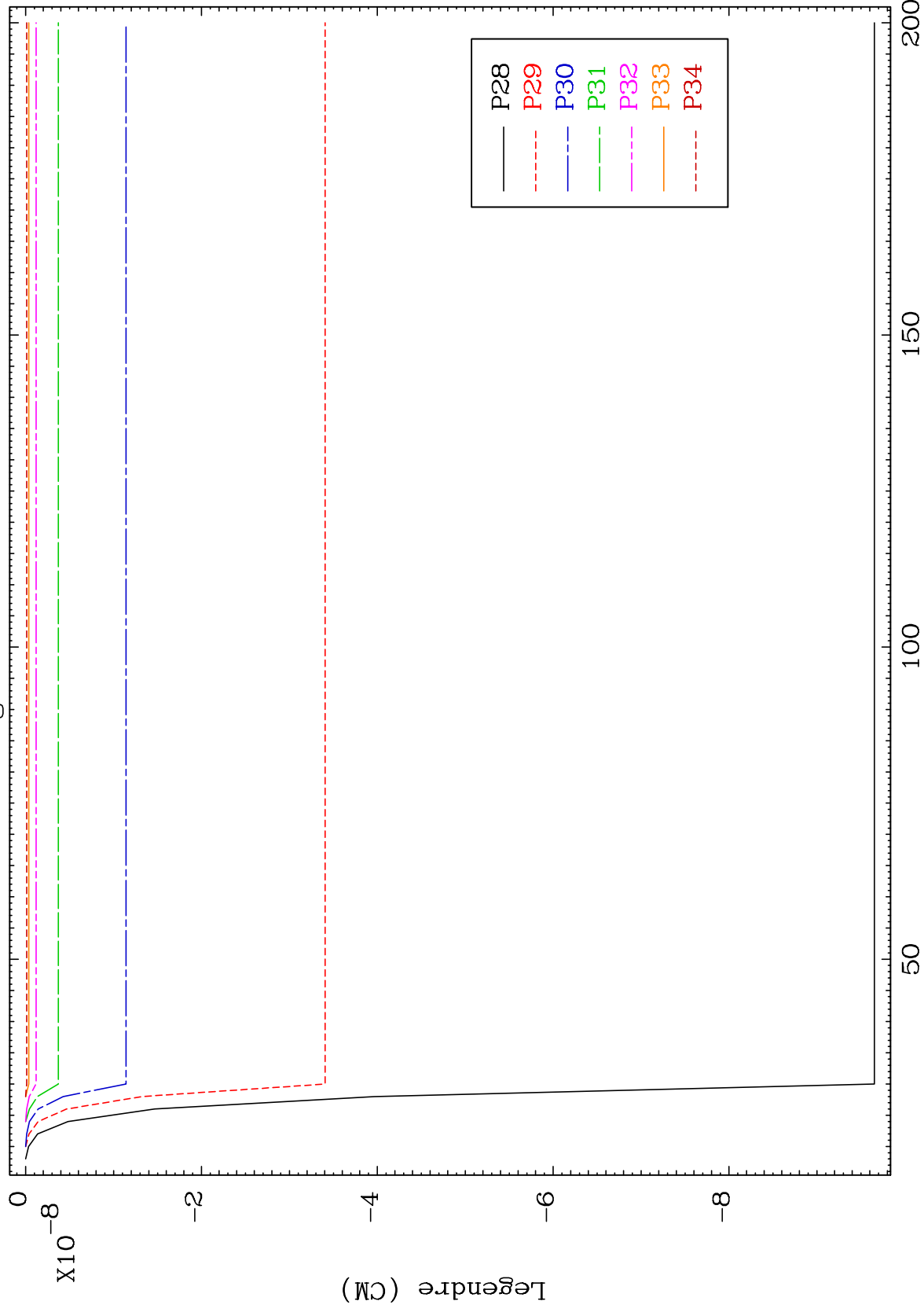
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



46

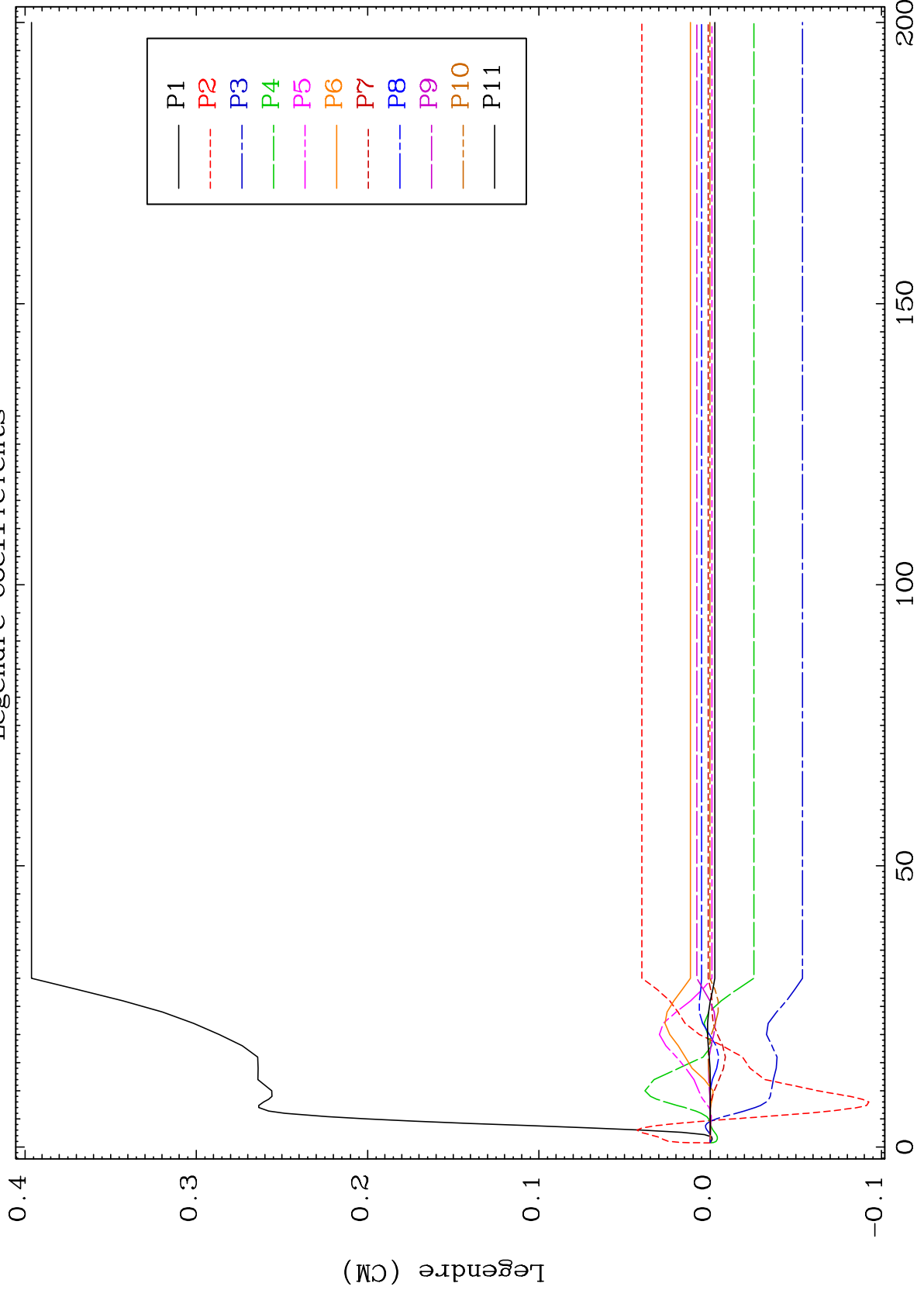
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



47

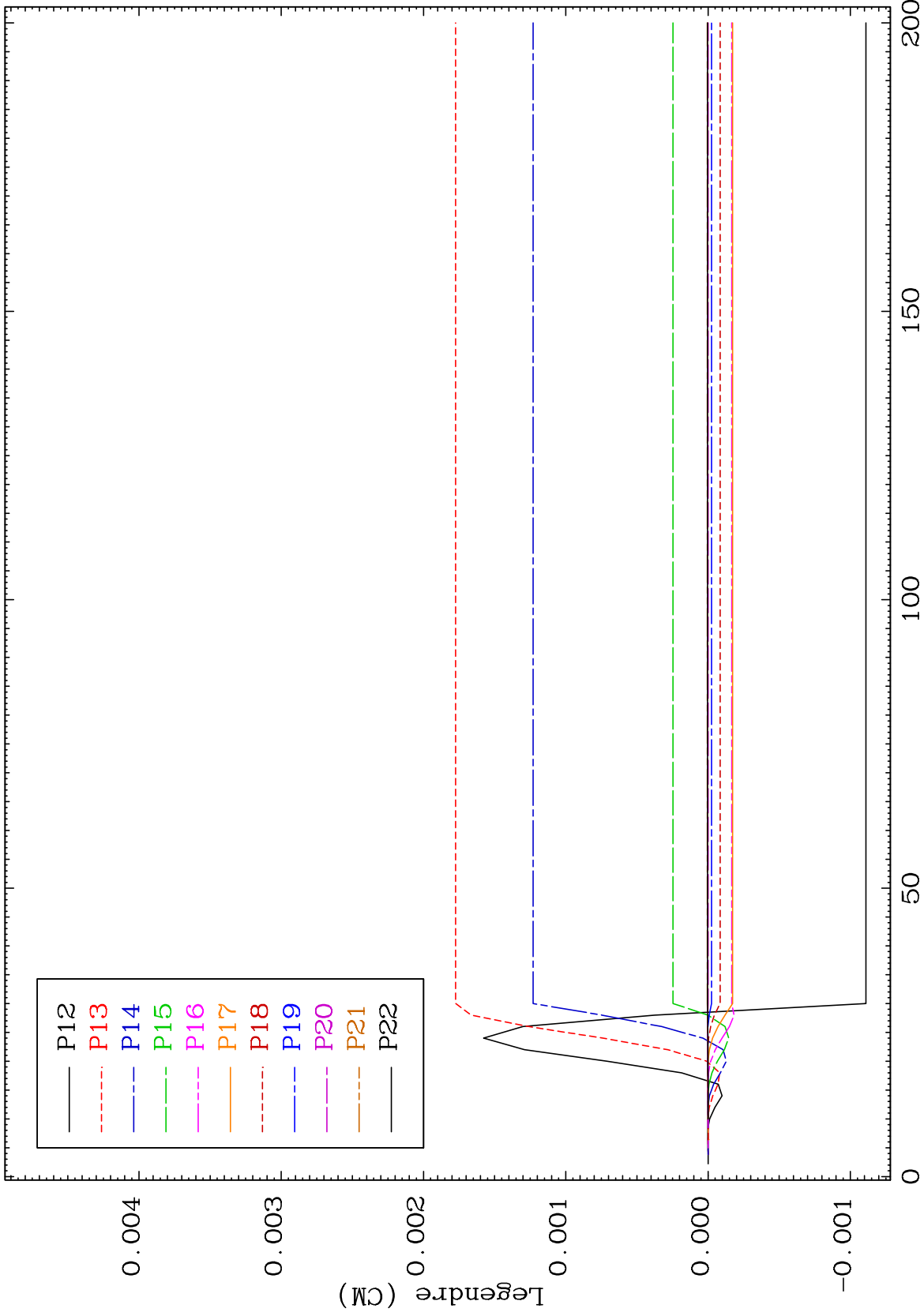
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



48

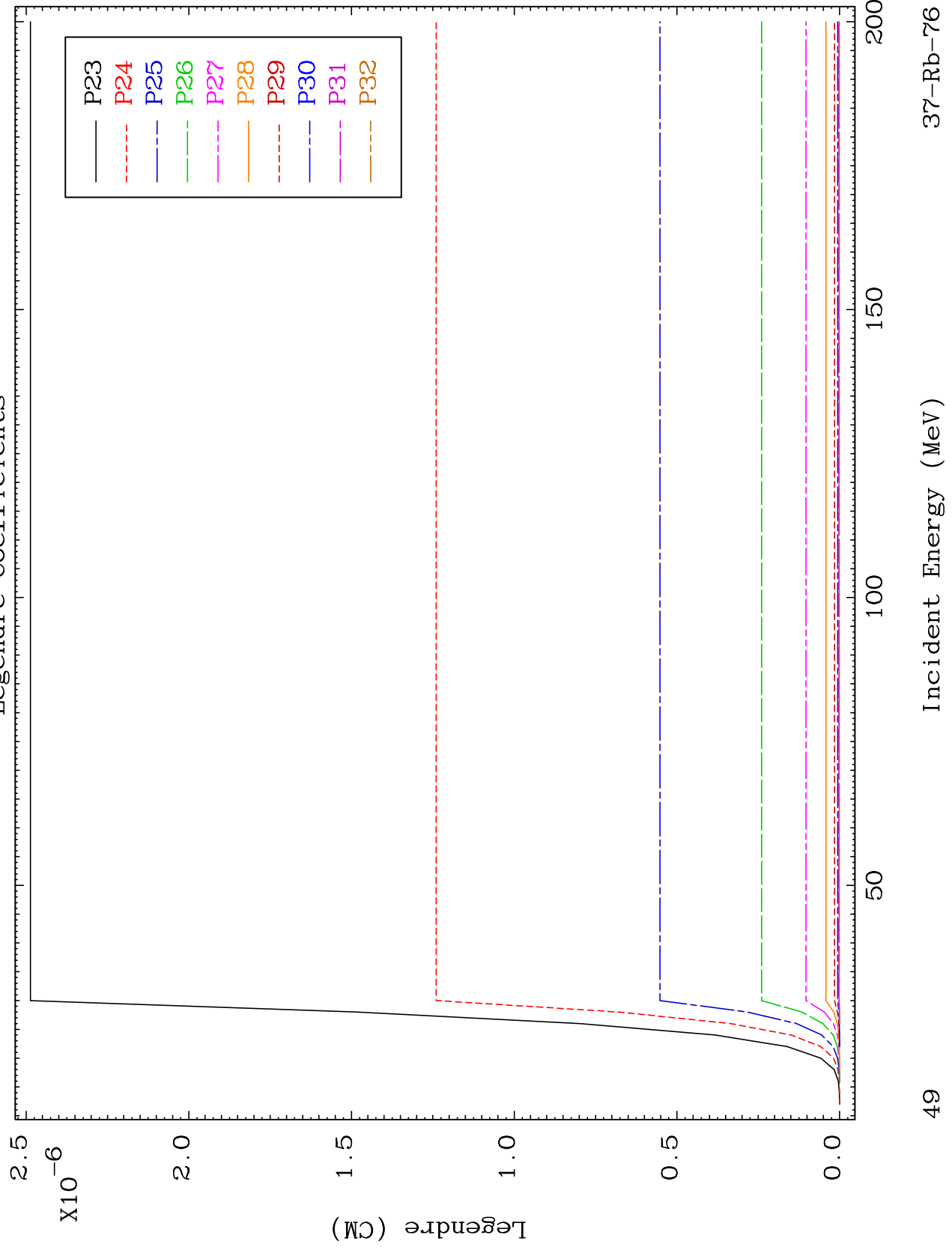
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



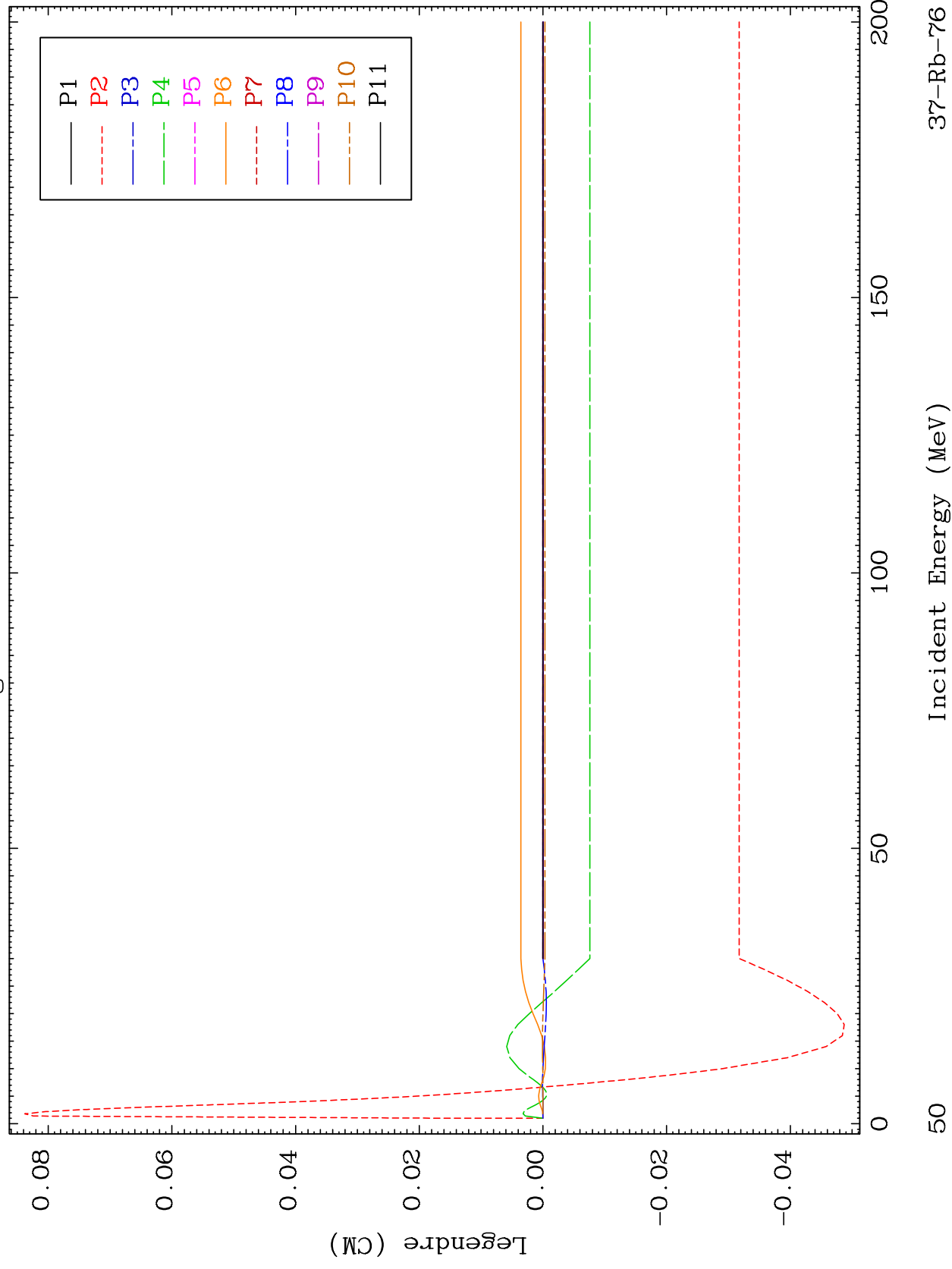
49

37-Rb-76

MAT 3698

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

37-Rb-76

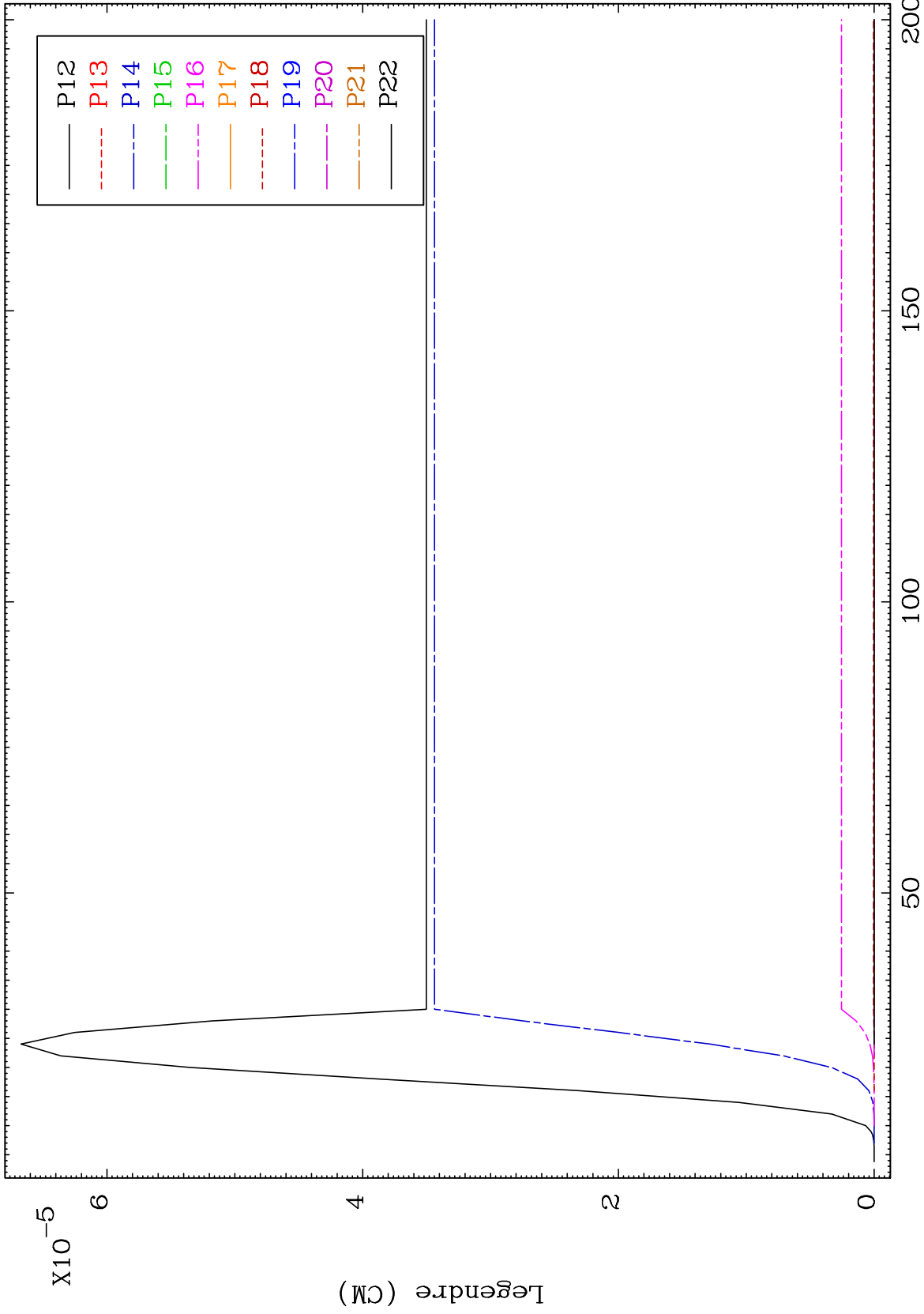


37-Rb-76

MAT 3698

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

37-Rb-76



51

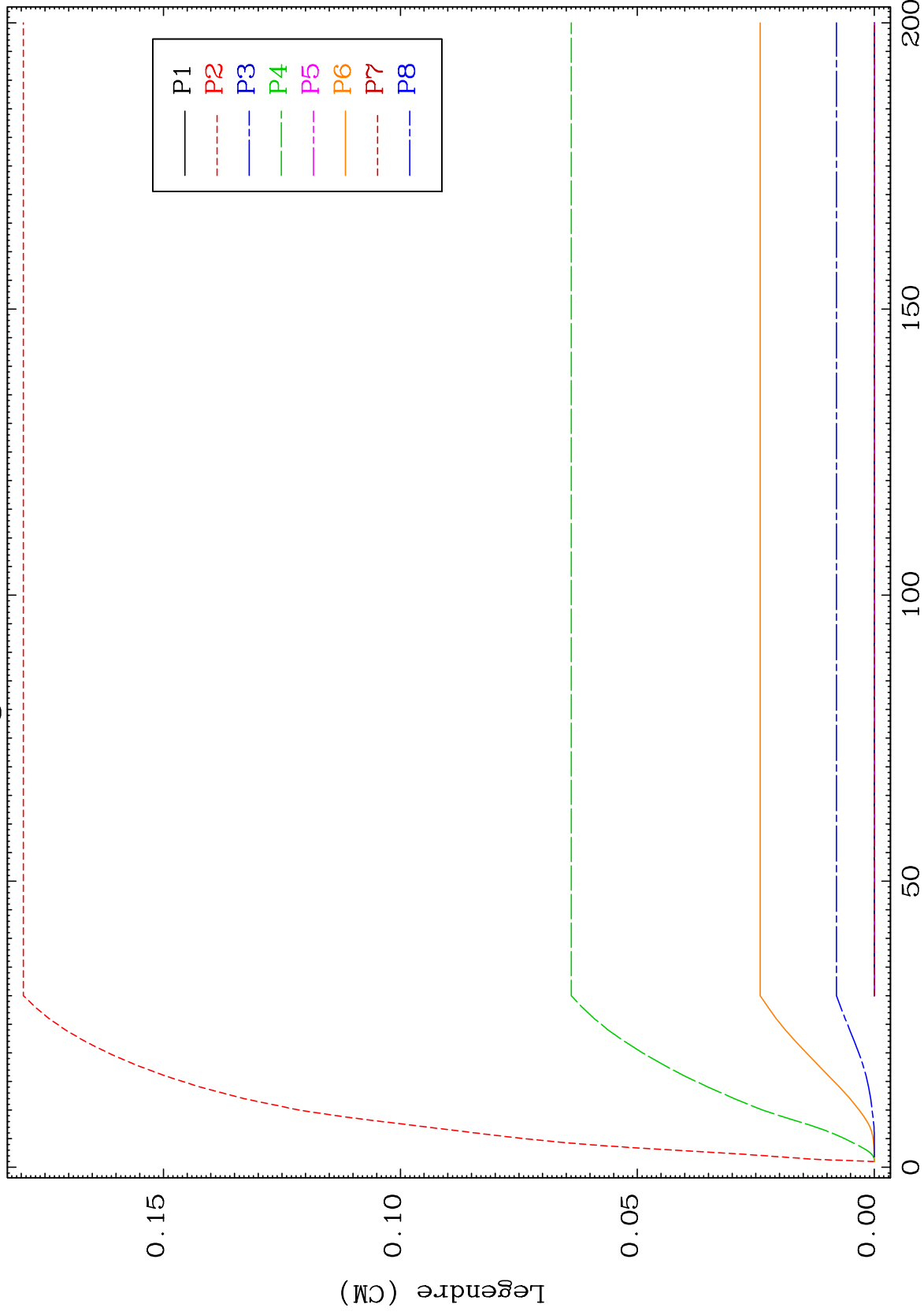
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



52

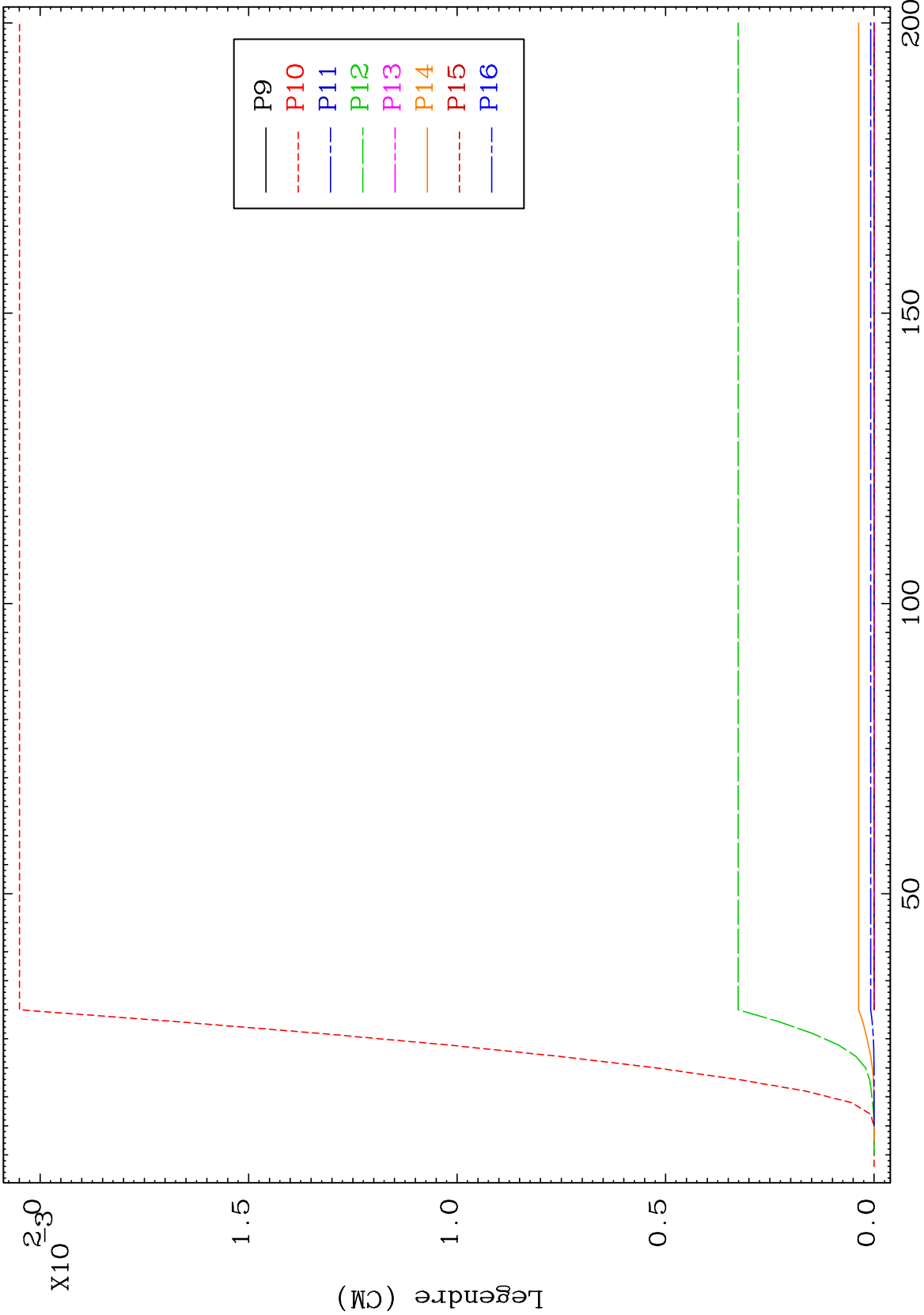
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



53

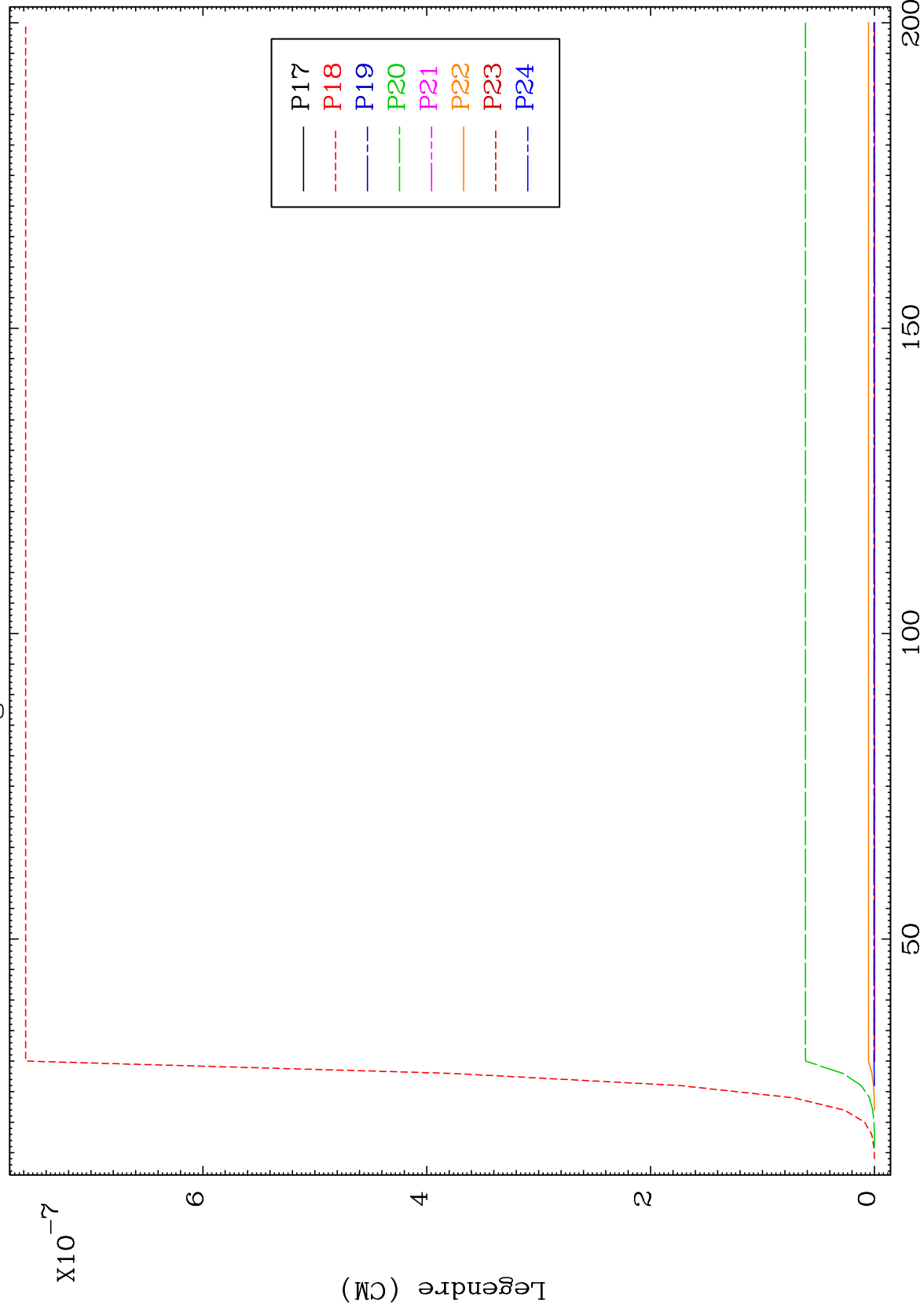
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



54

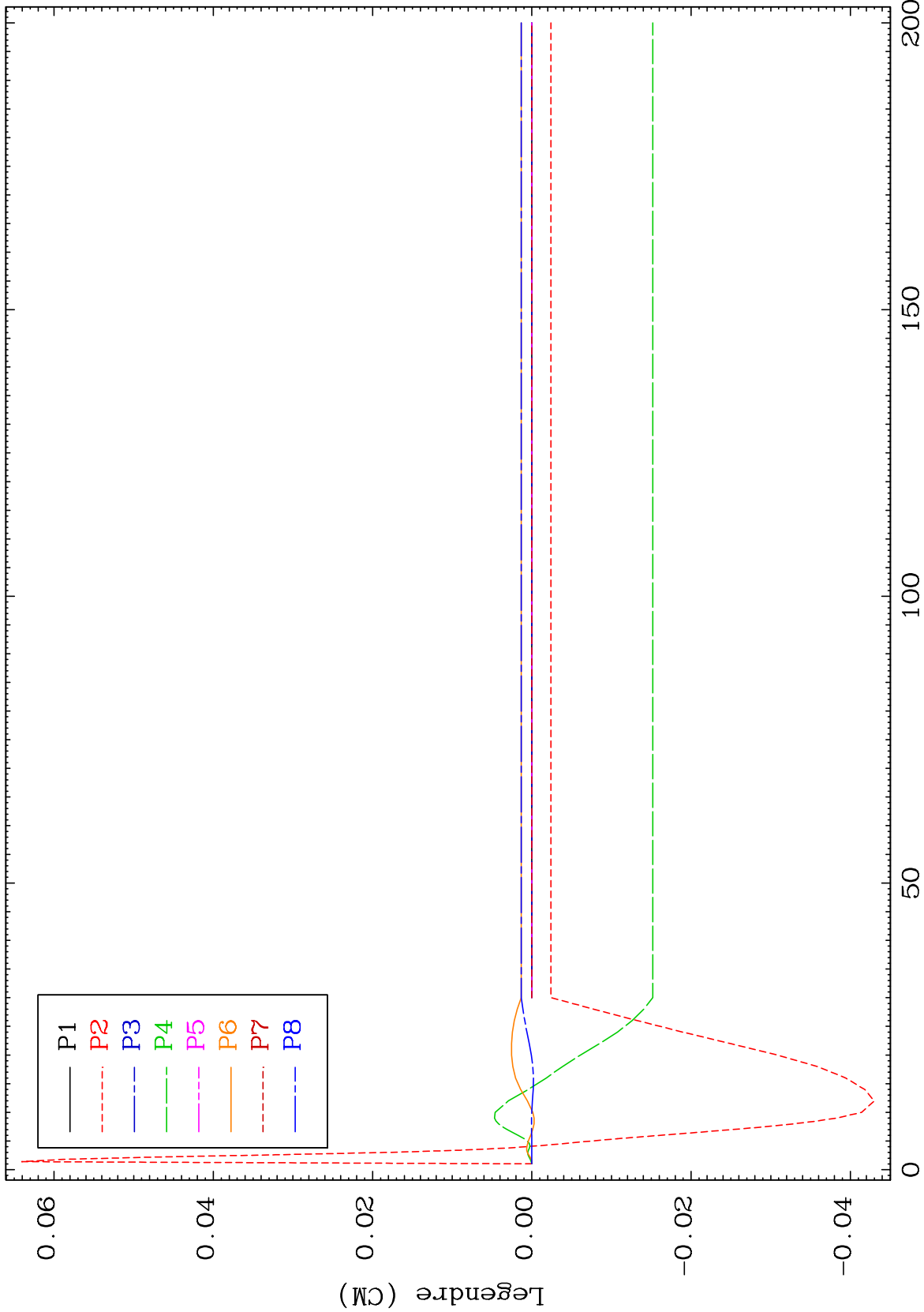
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



55

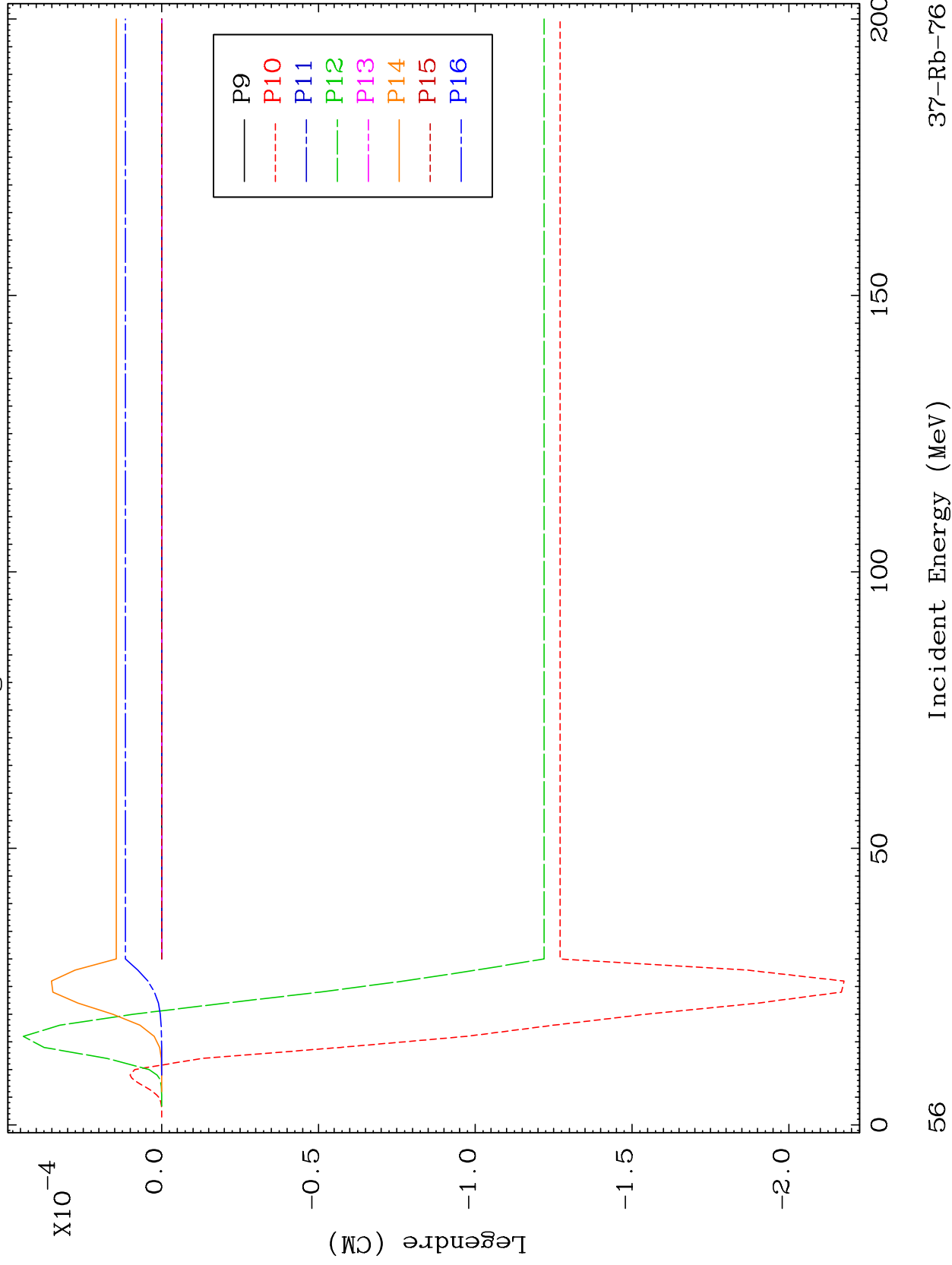
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

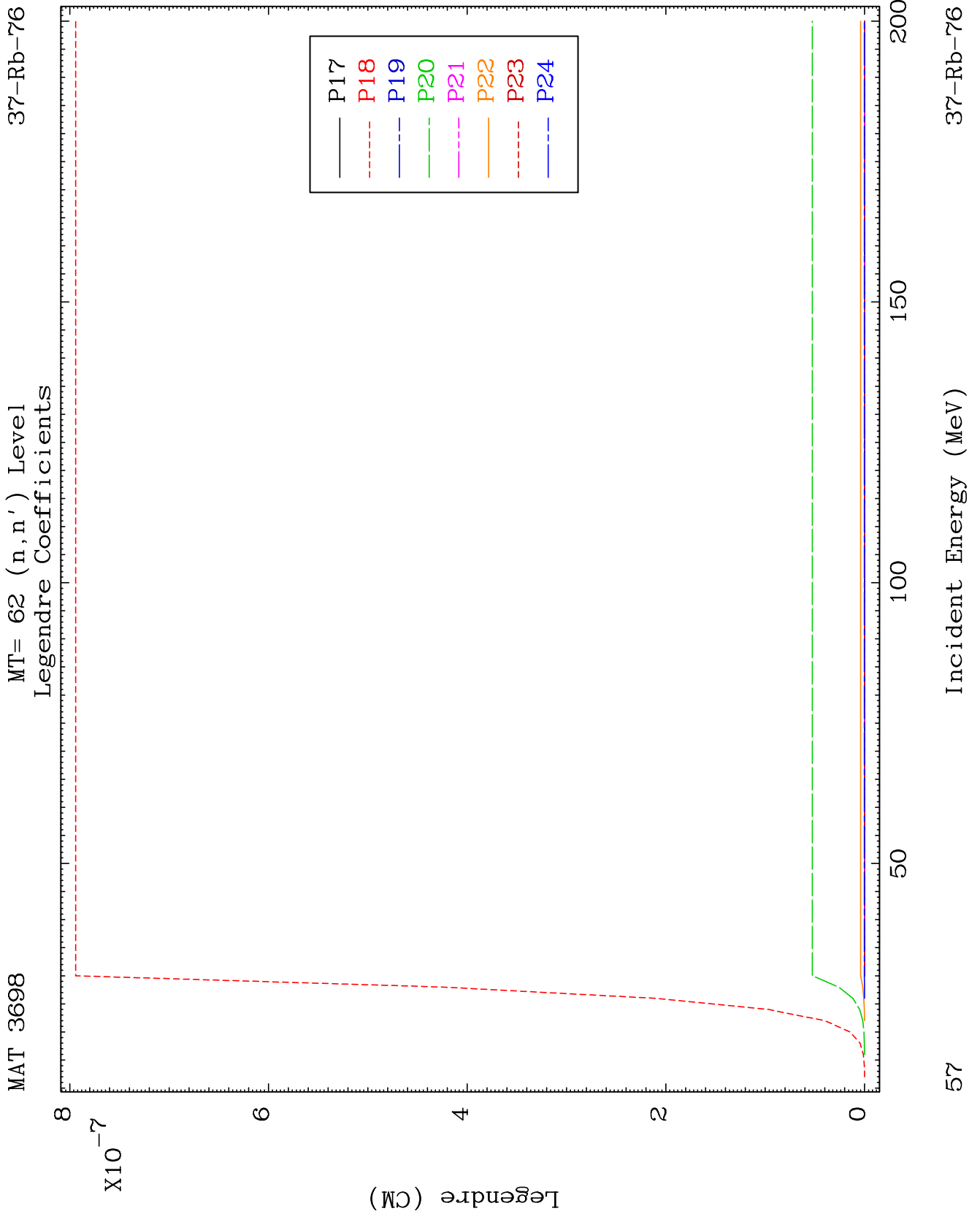
37-Rb-76



56

Incident Energy (MeV)

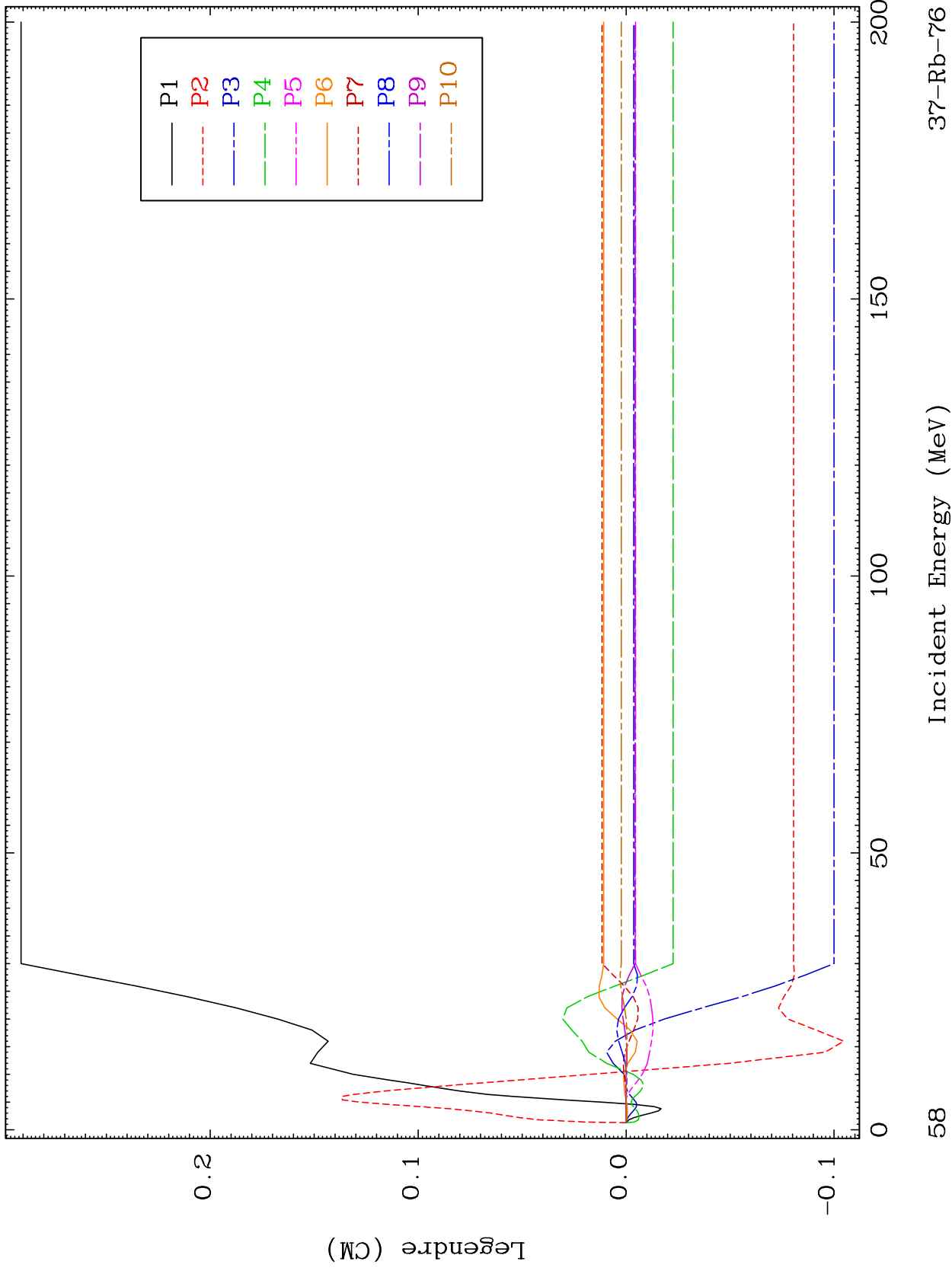
37-Rb-76



MAT 3698

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

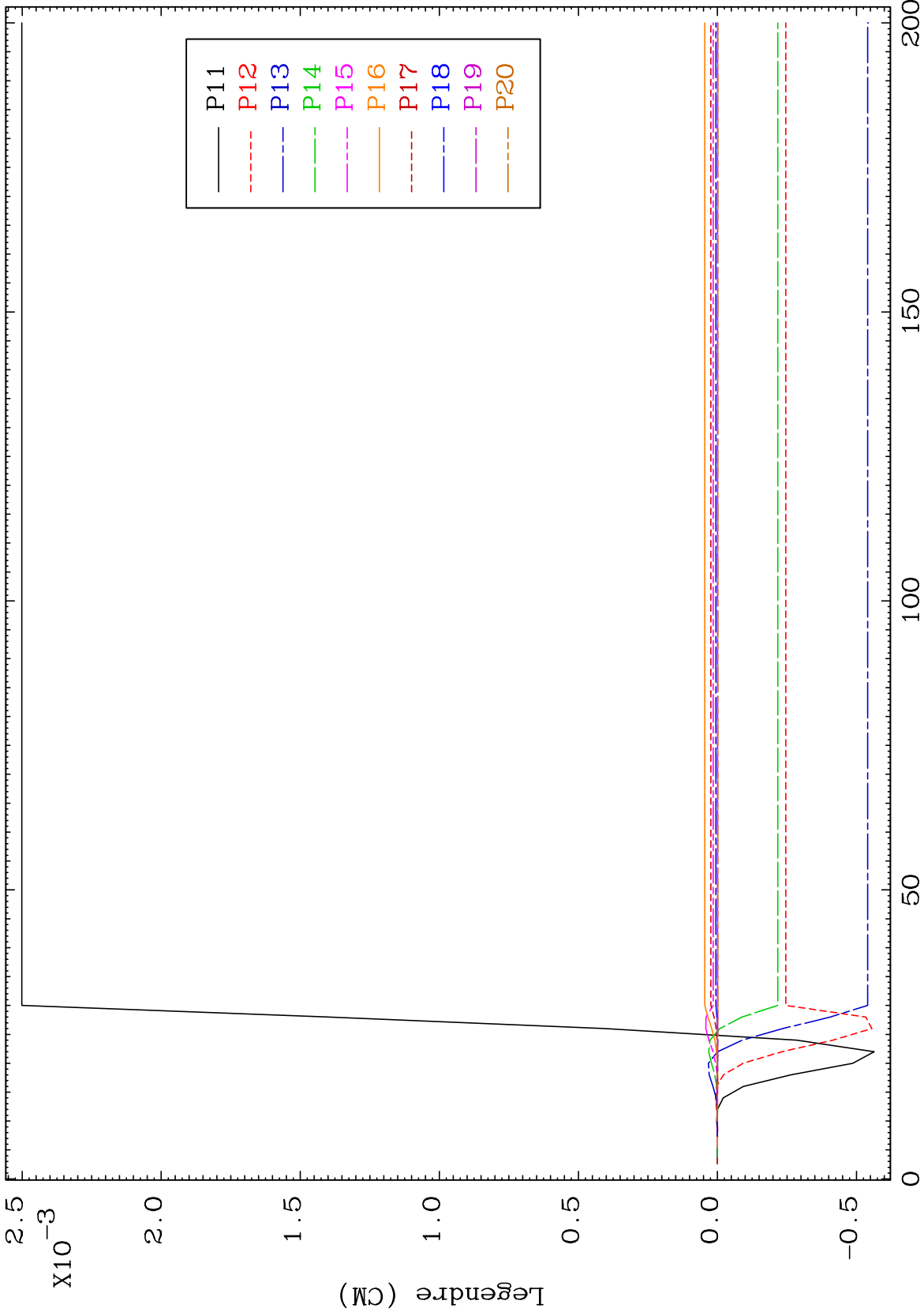
37-Rb-76



37-Rb-76

Incident Energy (MeV)

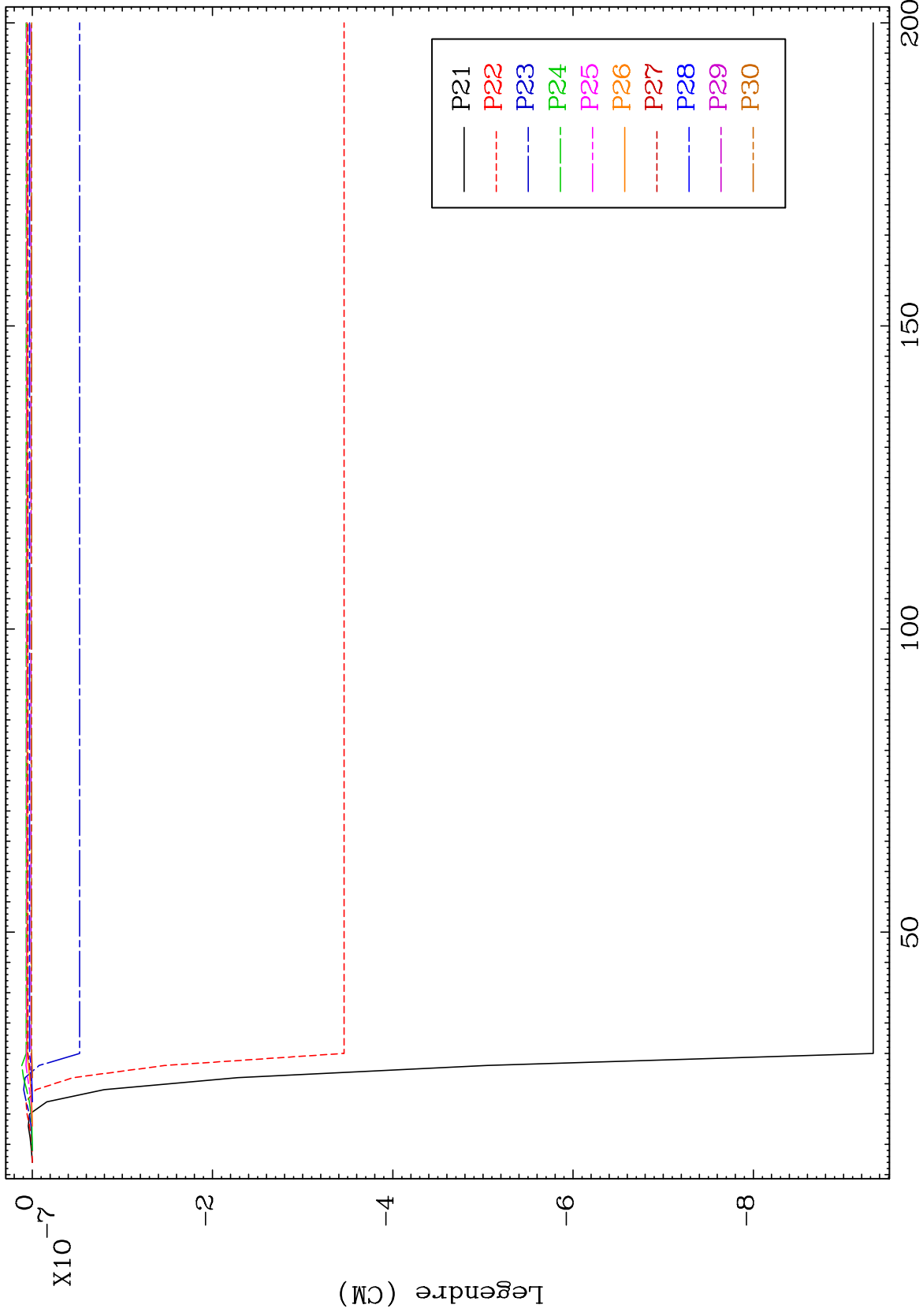
58



MAT 3698

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

37-Rb-76



60

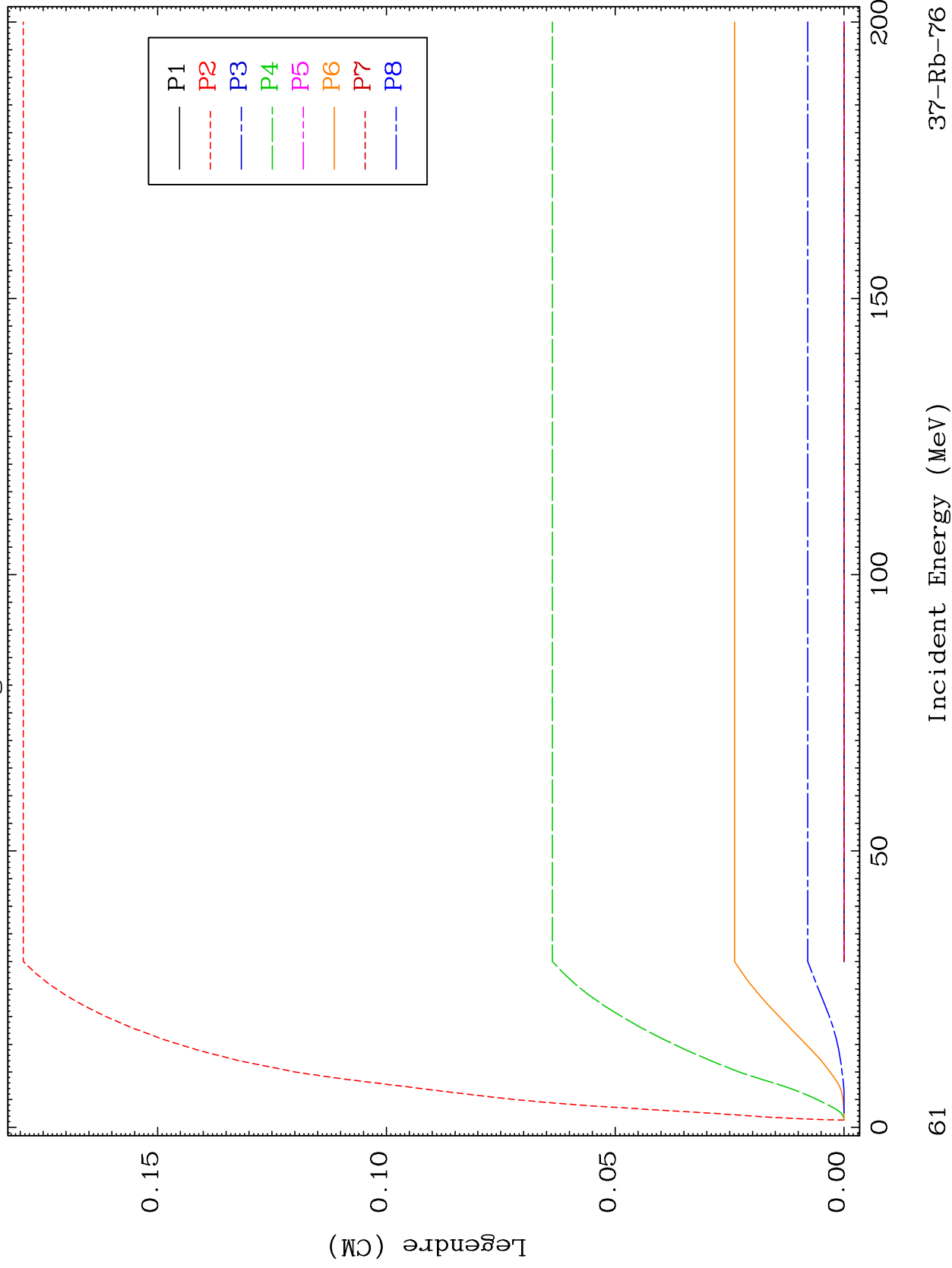
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



37-Rb-76

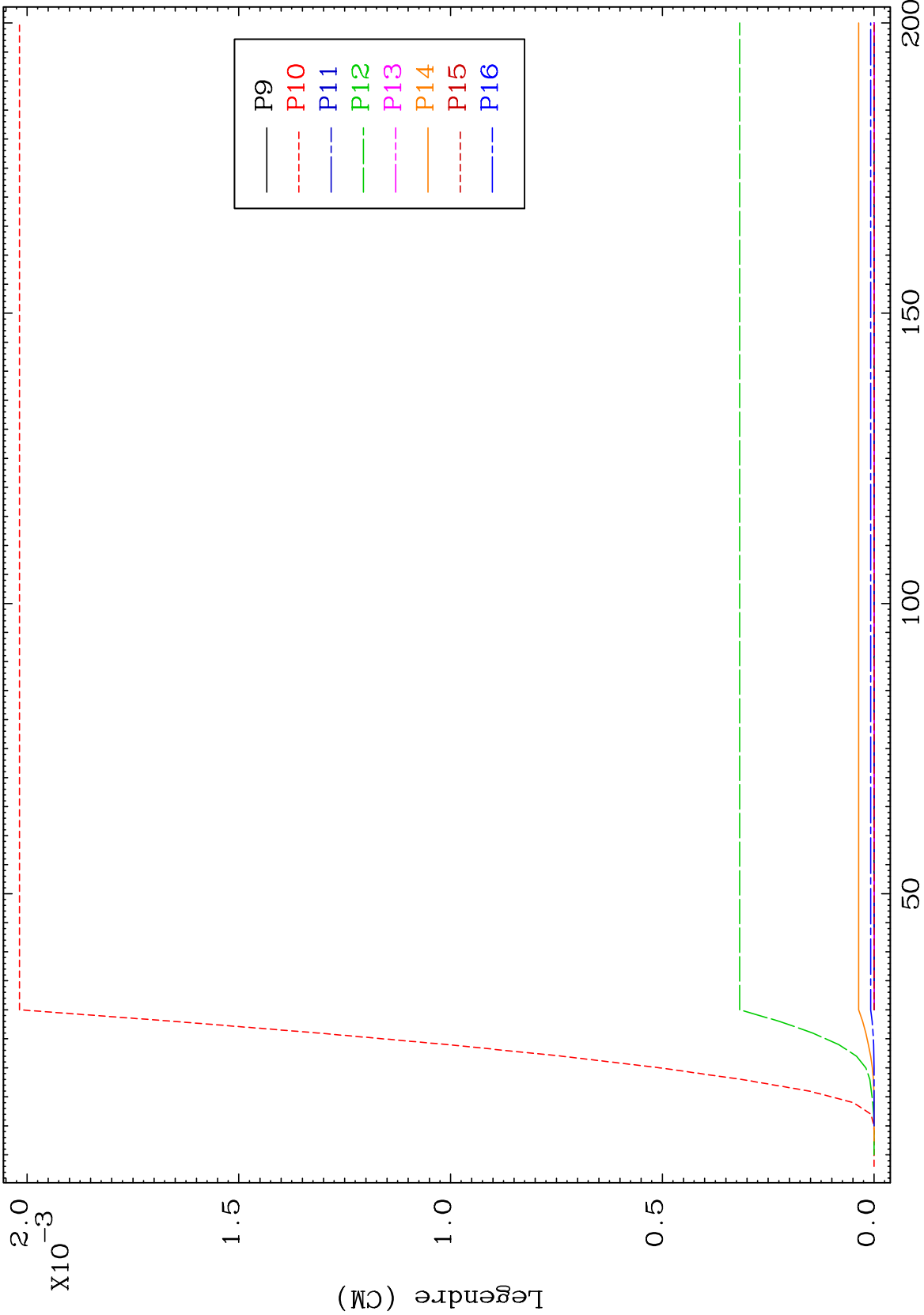
Incident Energy (MeV)

61

MAT 3698

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

37-Rb-76



62

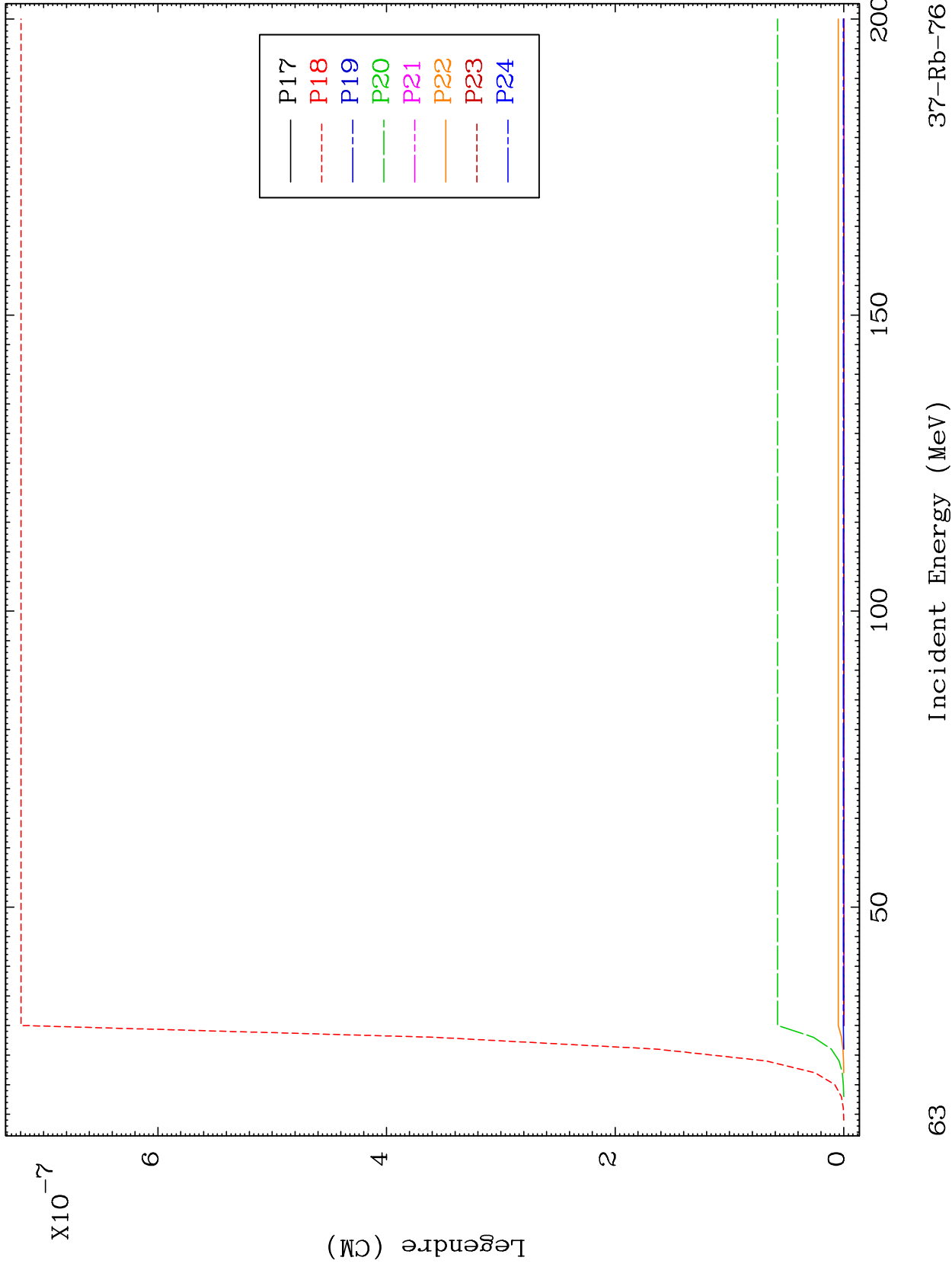
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



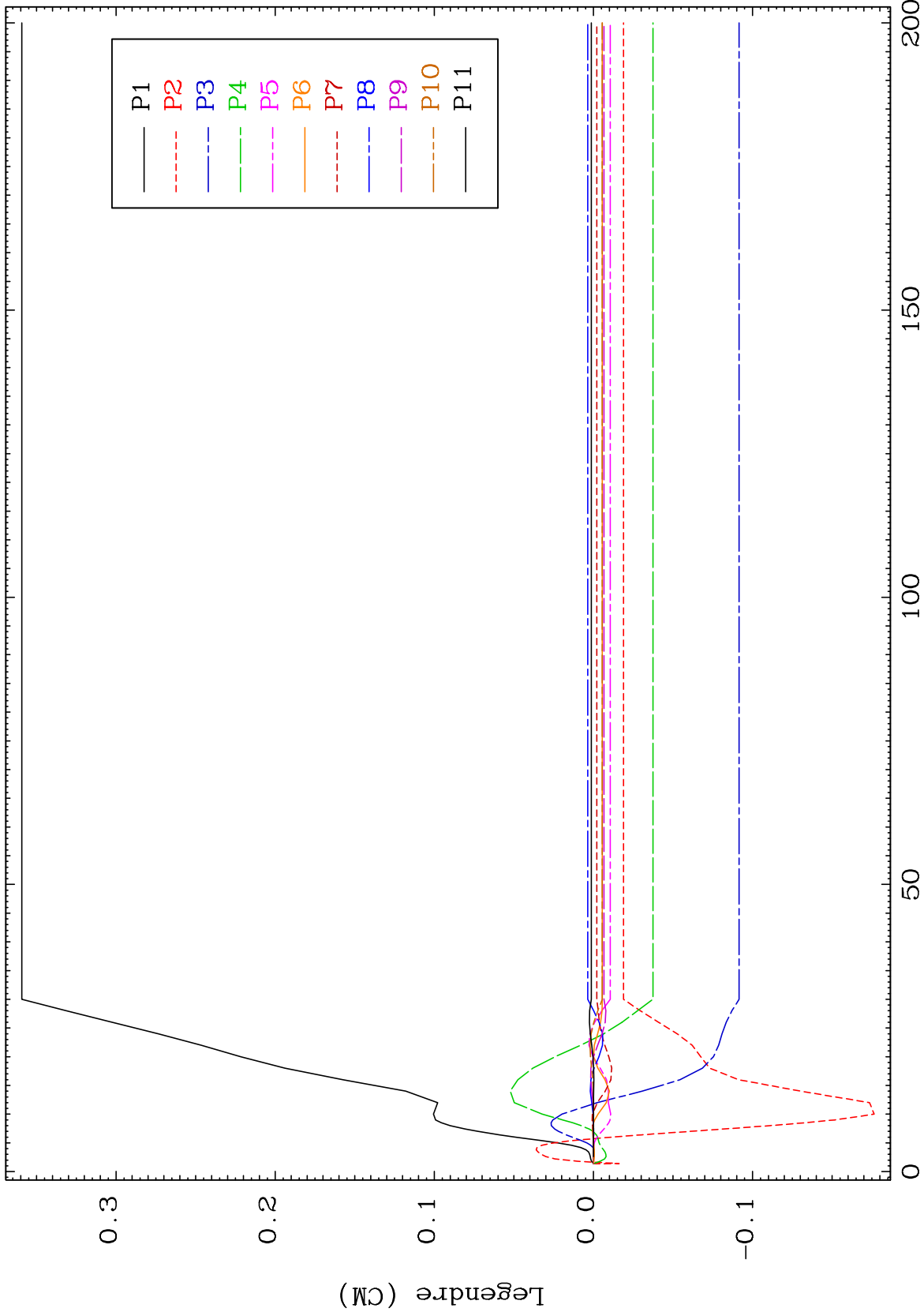
63

37-Rb-76

MAT 3698

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

37-Rb-76



64

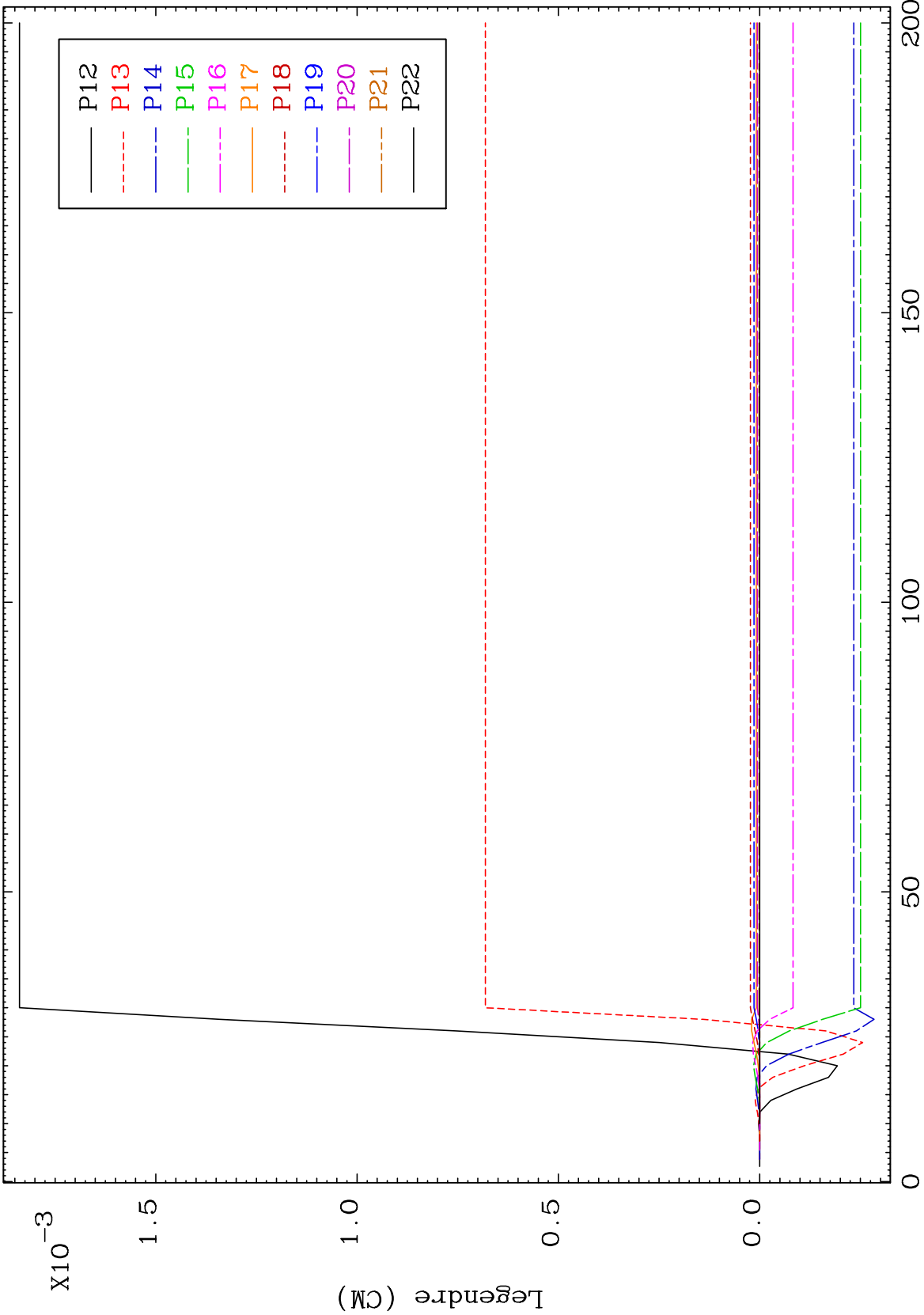
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



65

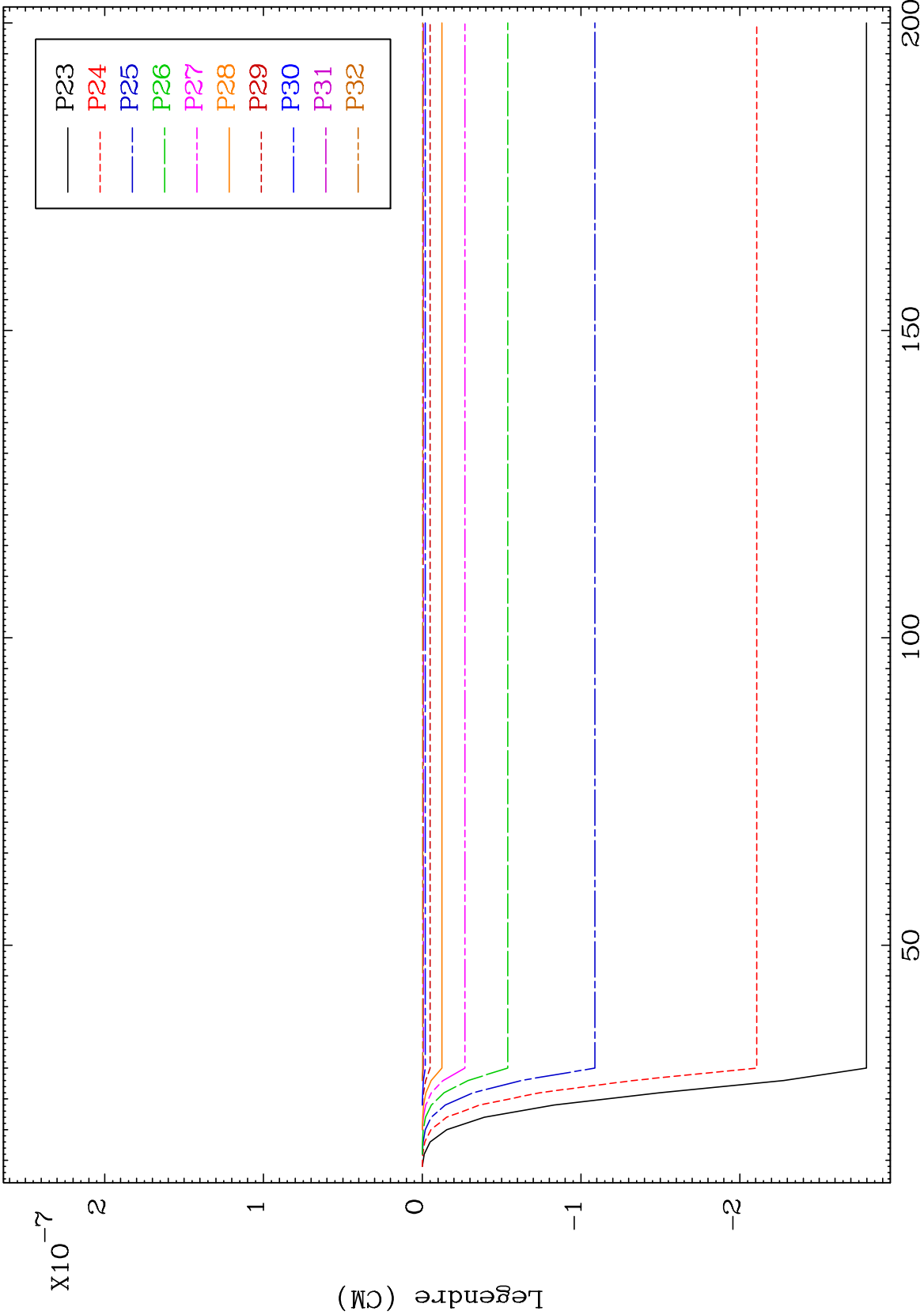
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



66

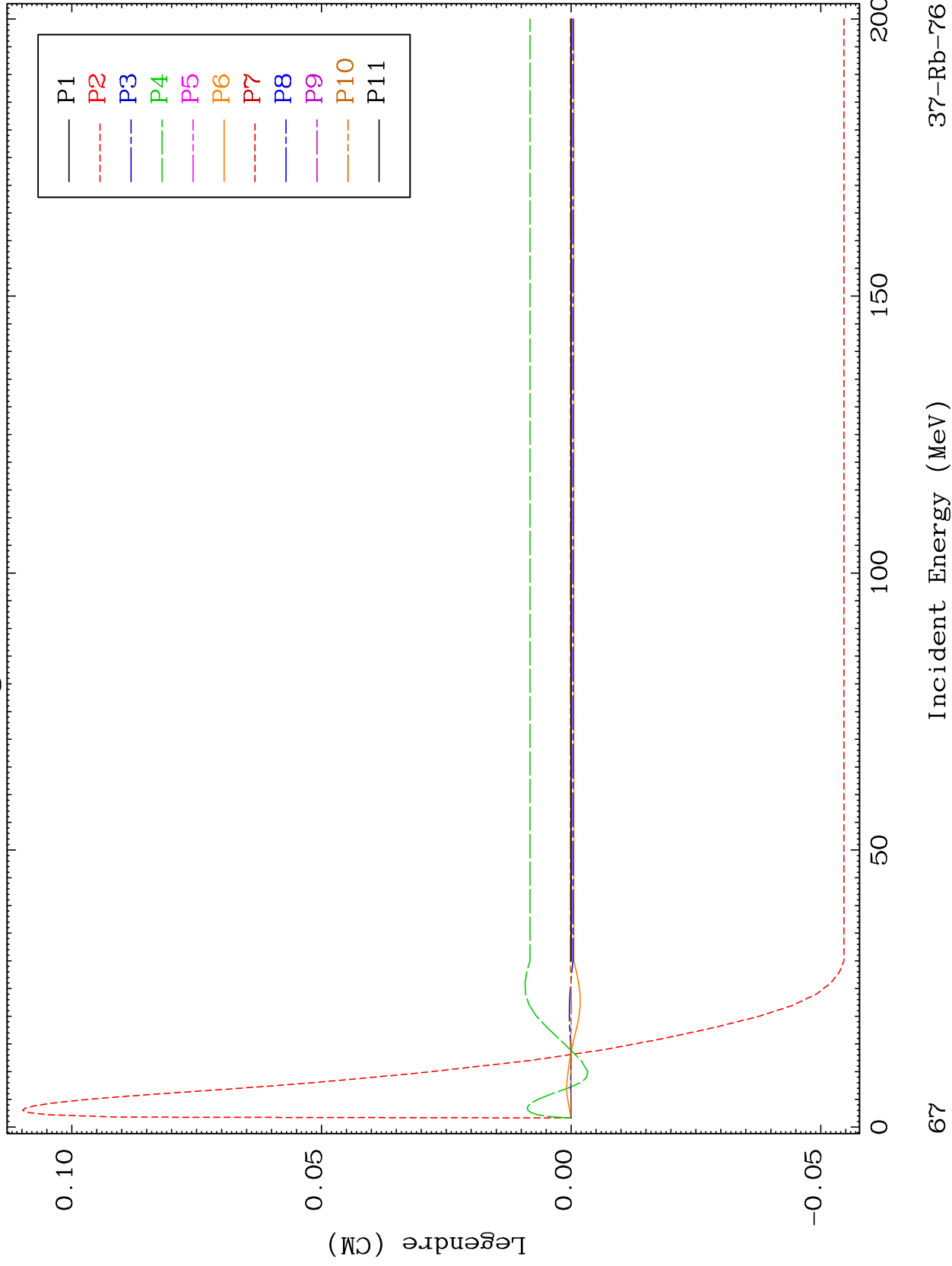
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



37-Rb-76

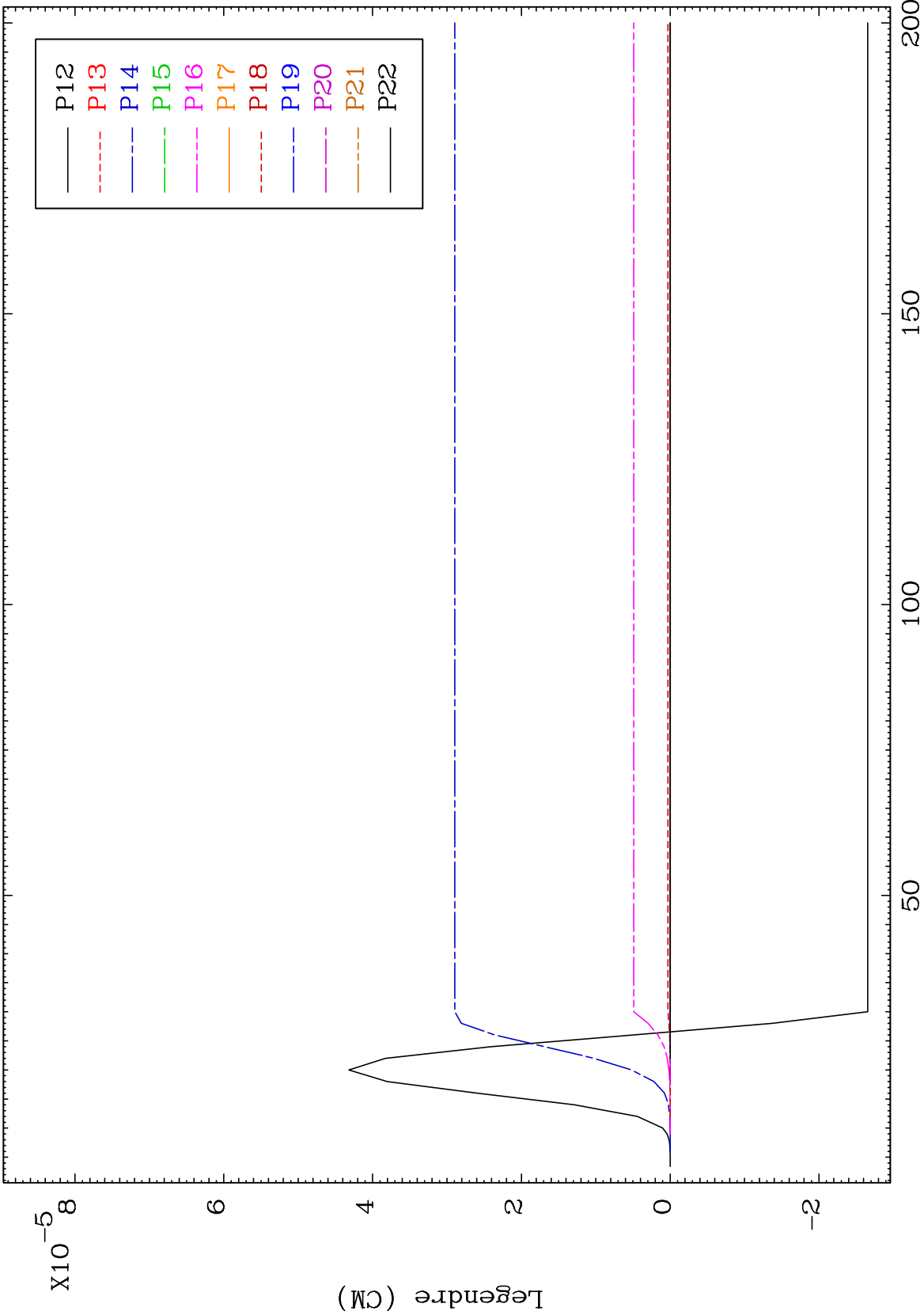
Incident Energy (MeV)

67

MAT 3698

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

37-Rb-76



68

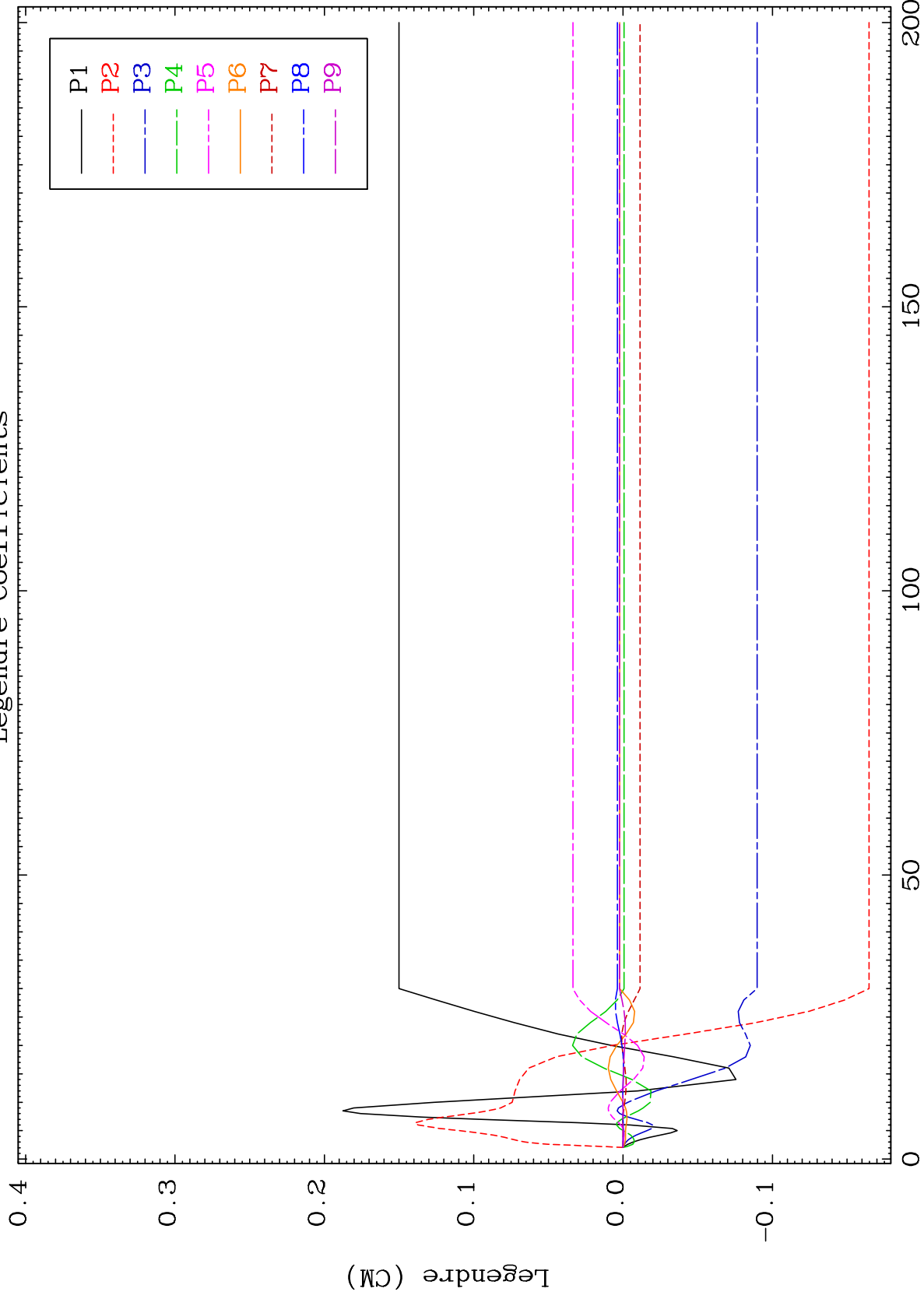
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



69

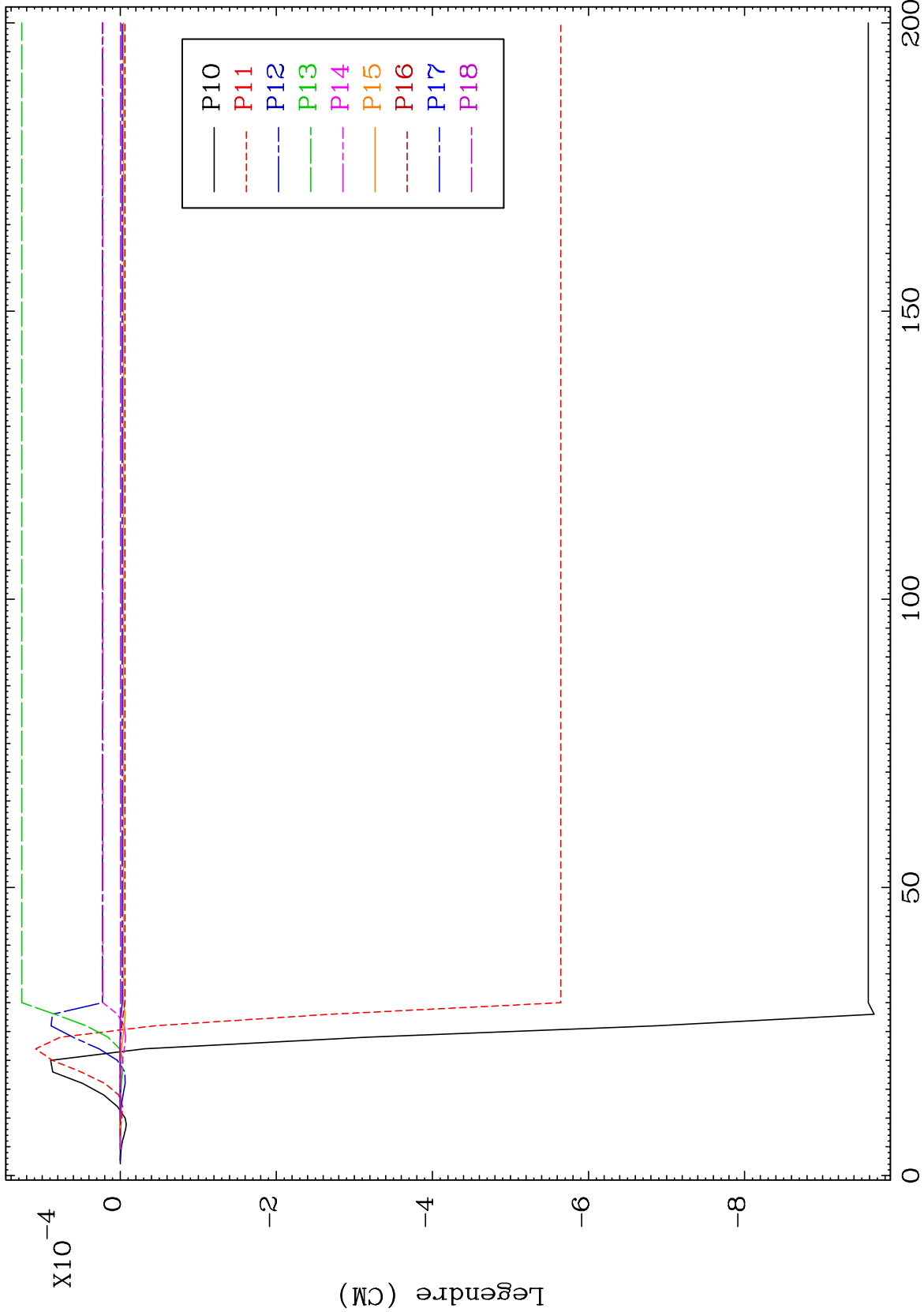
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



70

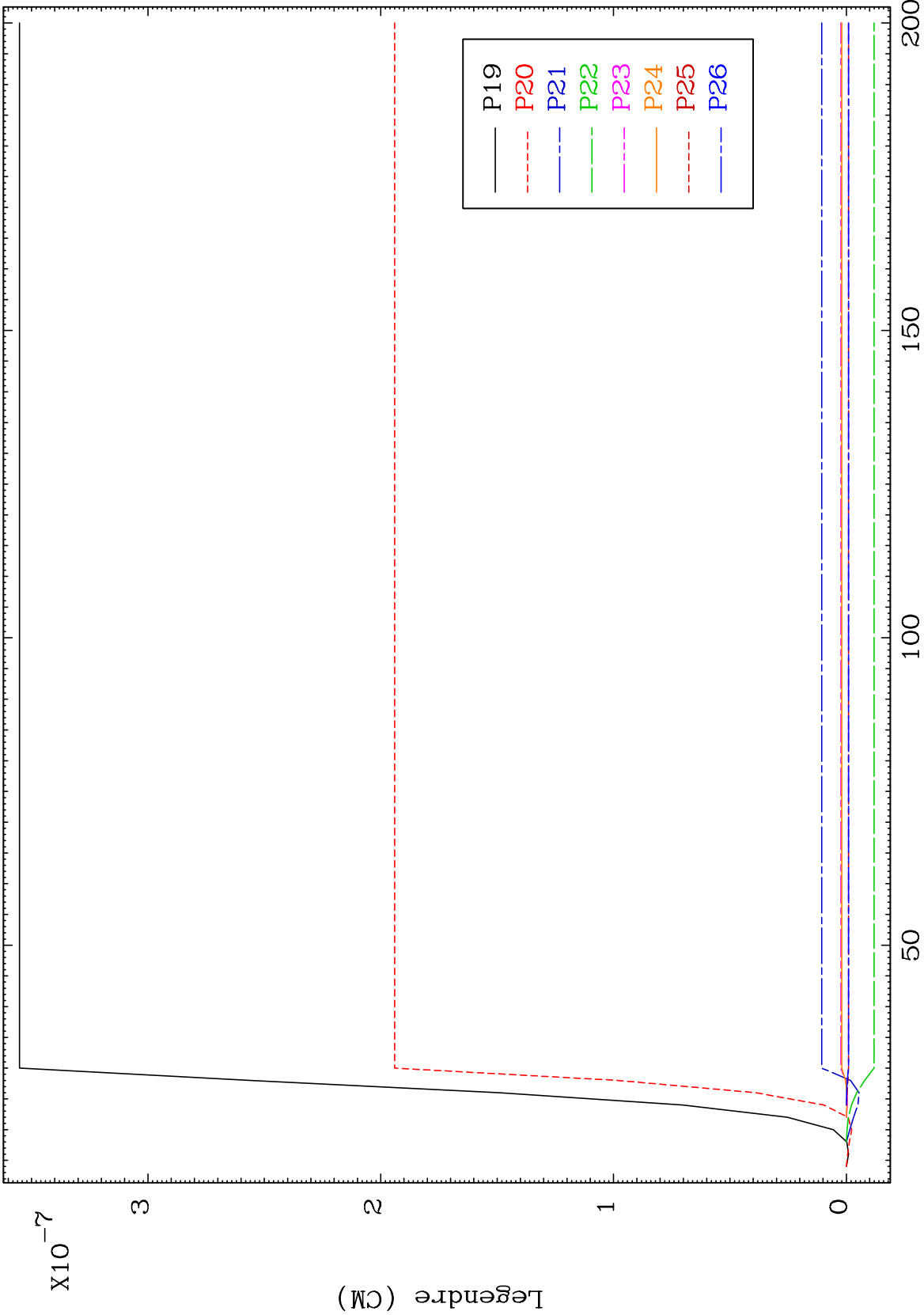
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



71

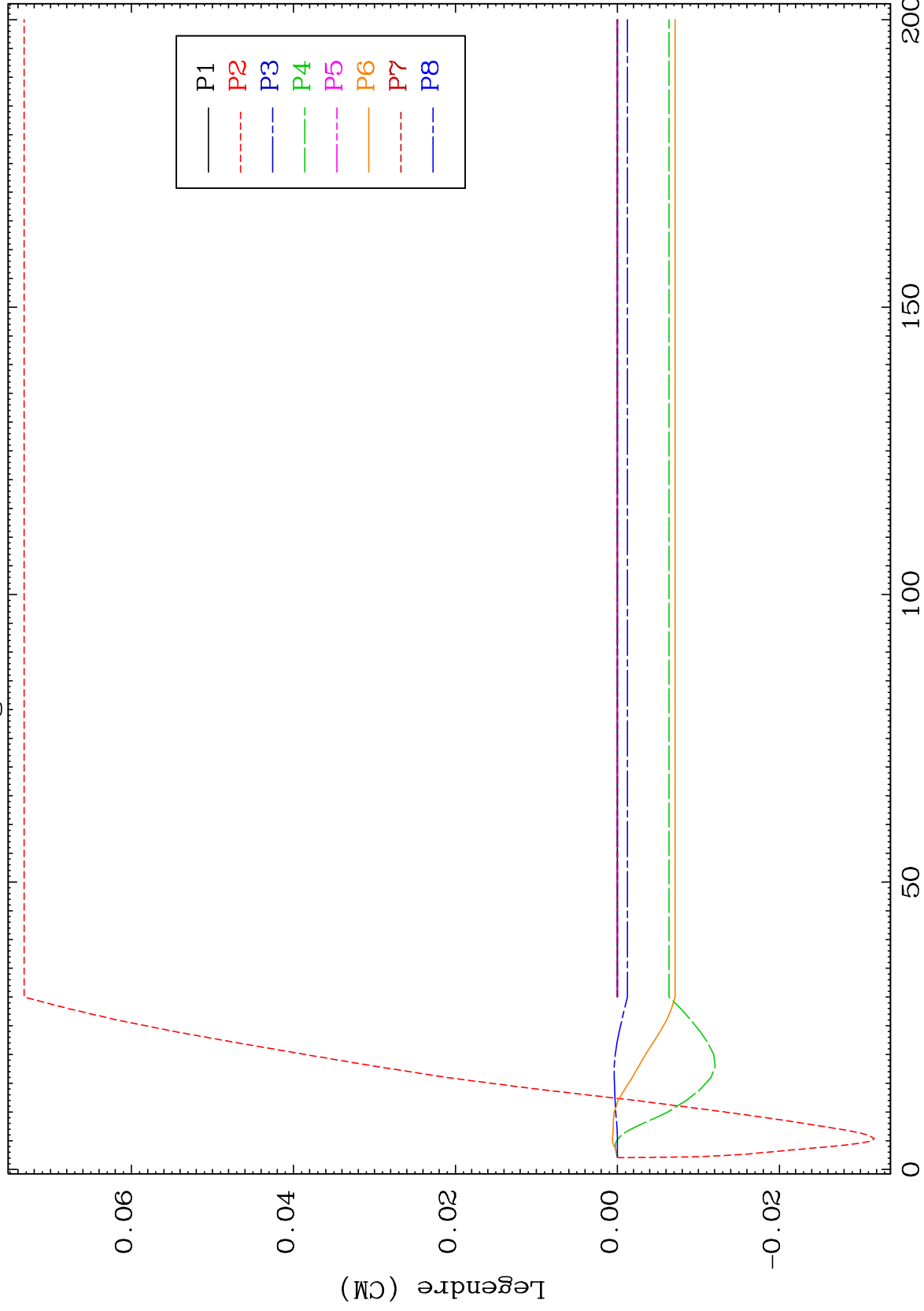
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



72

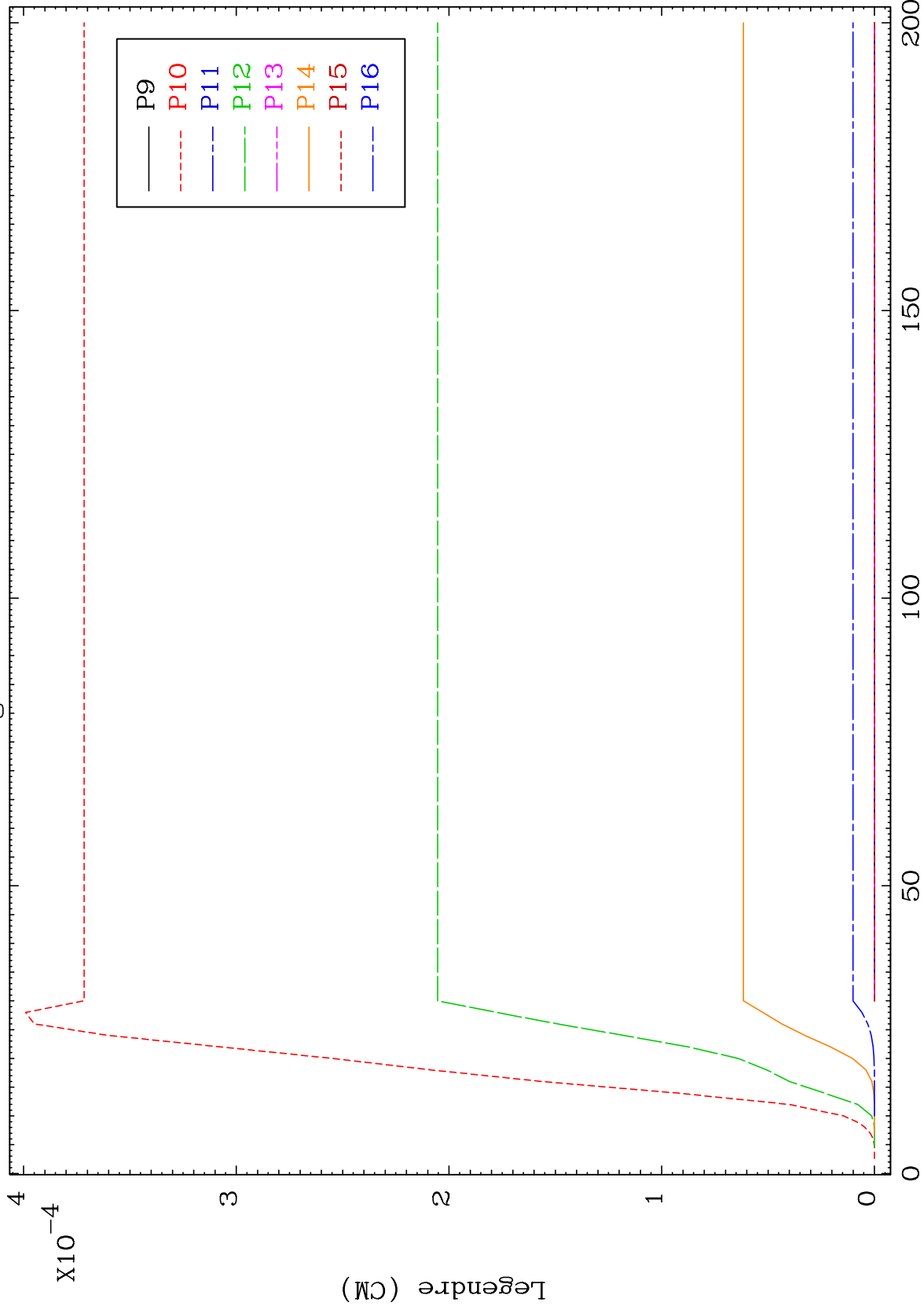
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



73

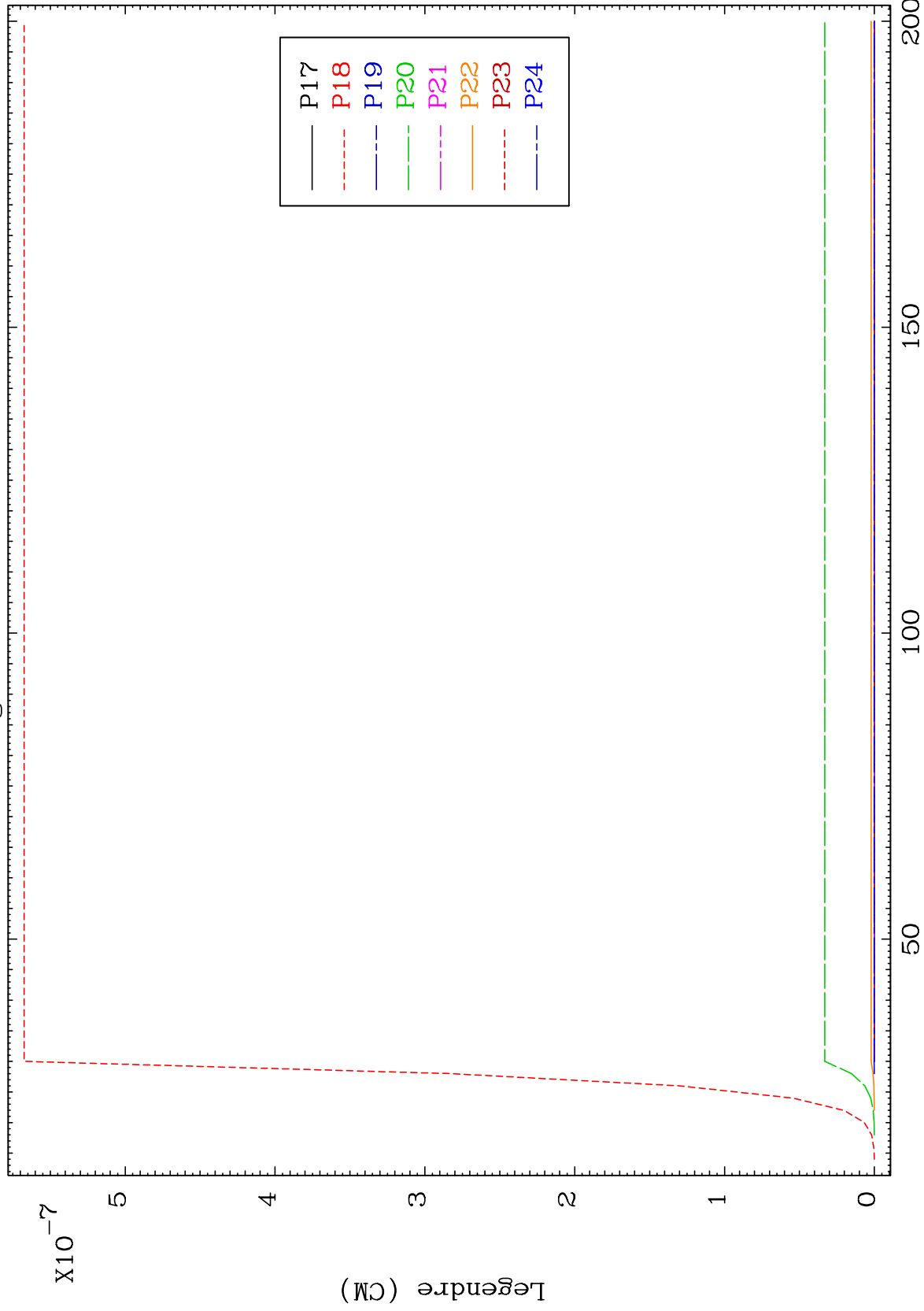
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



74

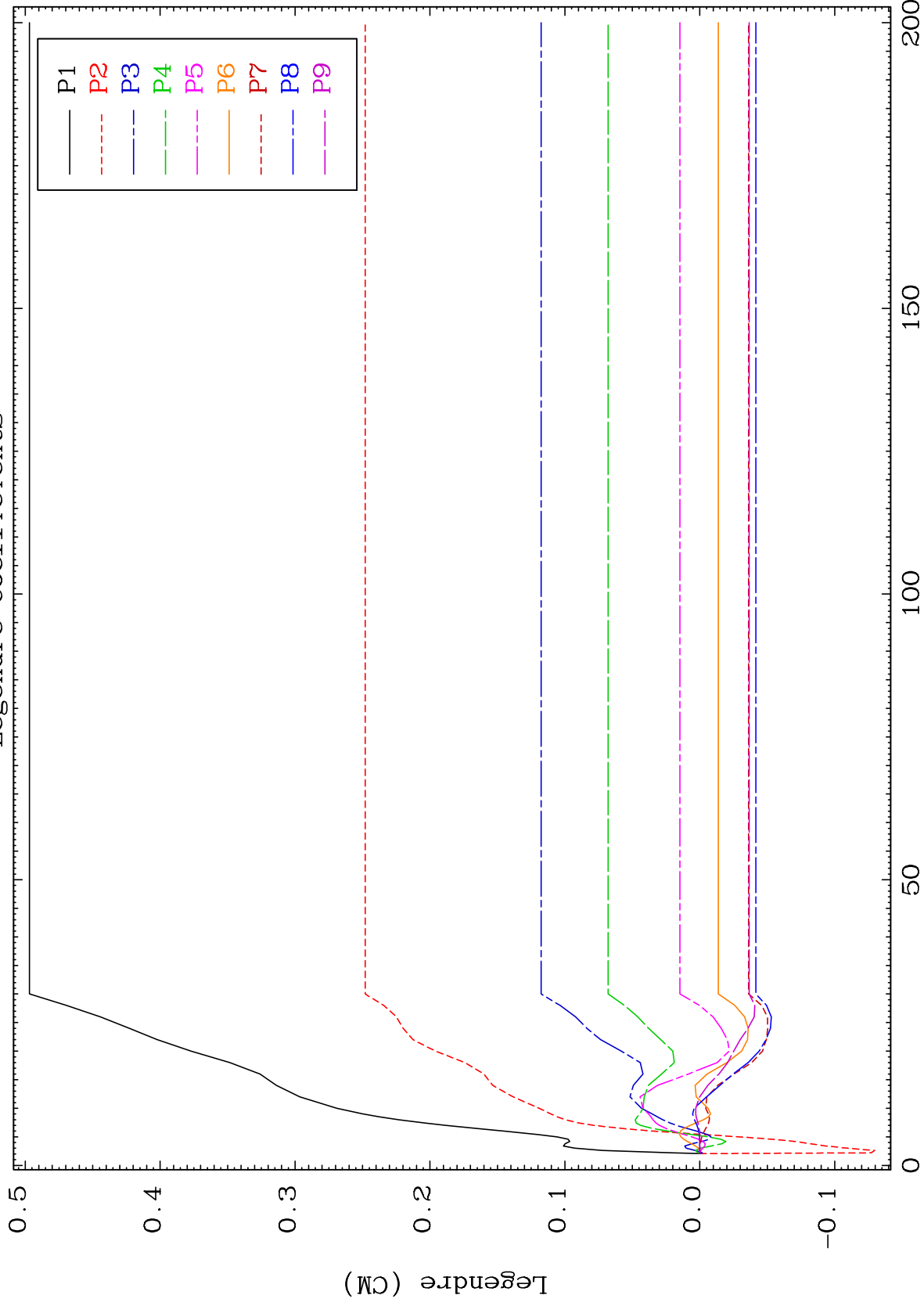
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



37-Rb-76

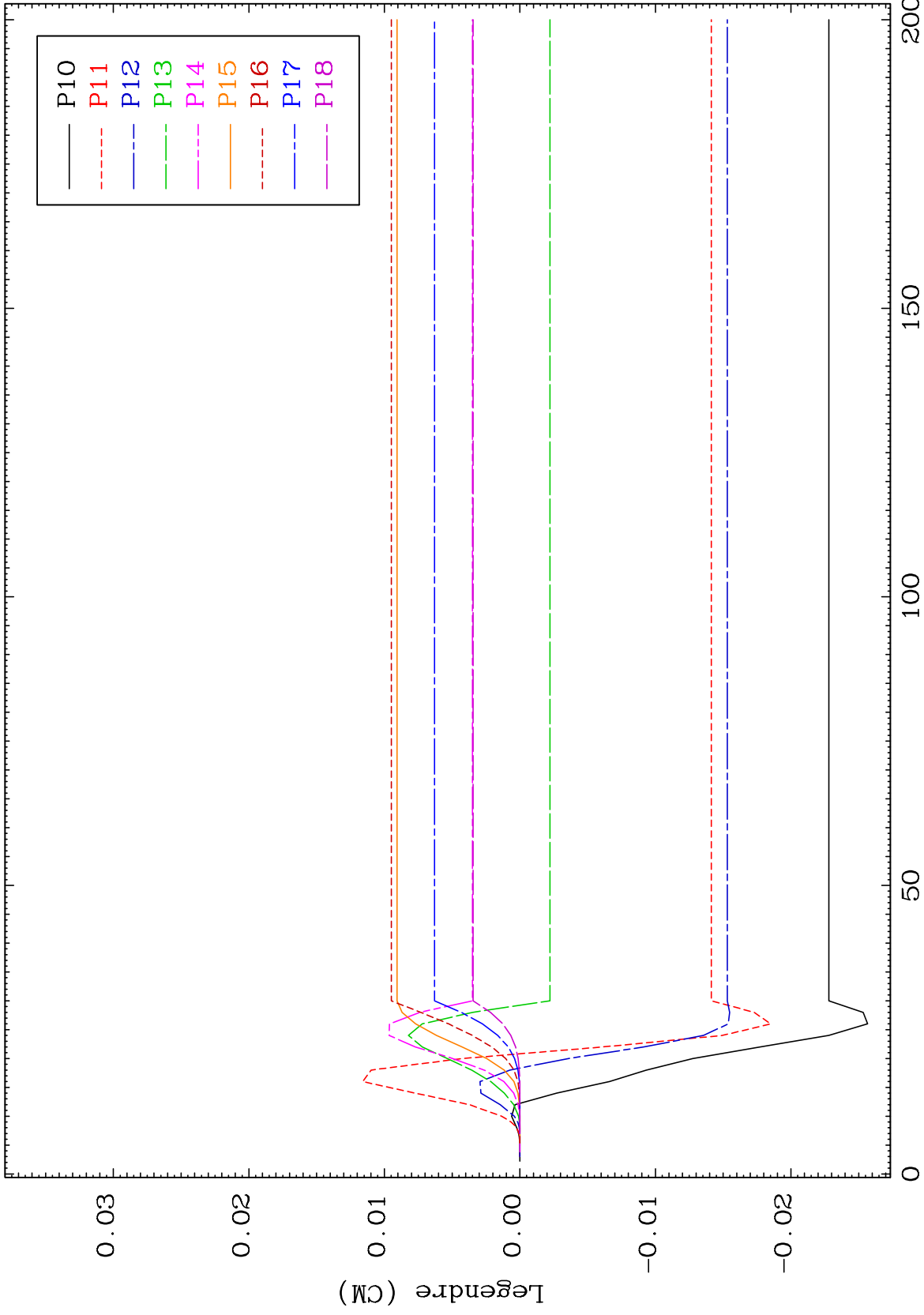
Incident Energy (MeV)

75

MAT 3698

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

37-Rb-76



76

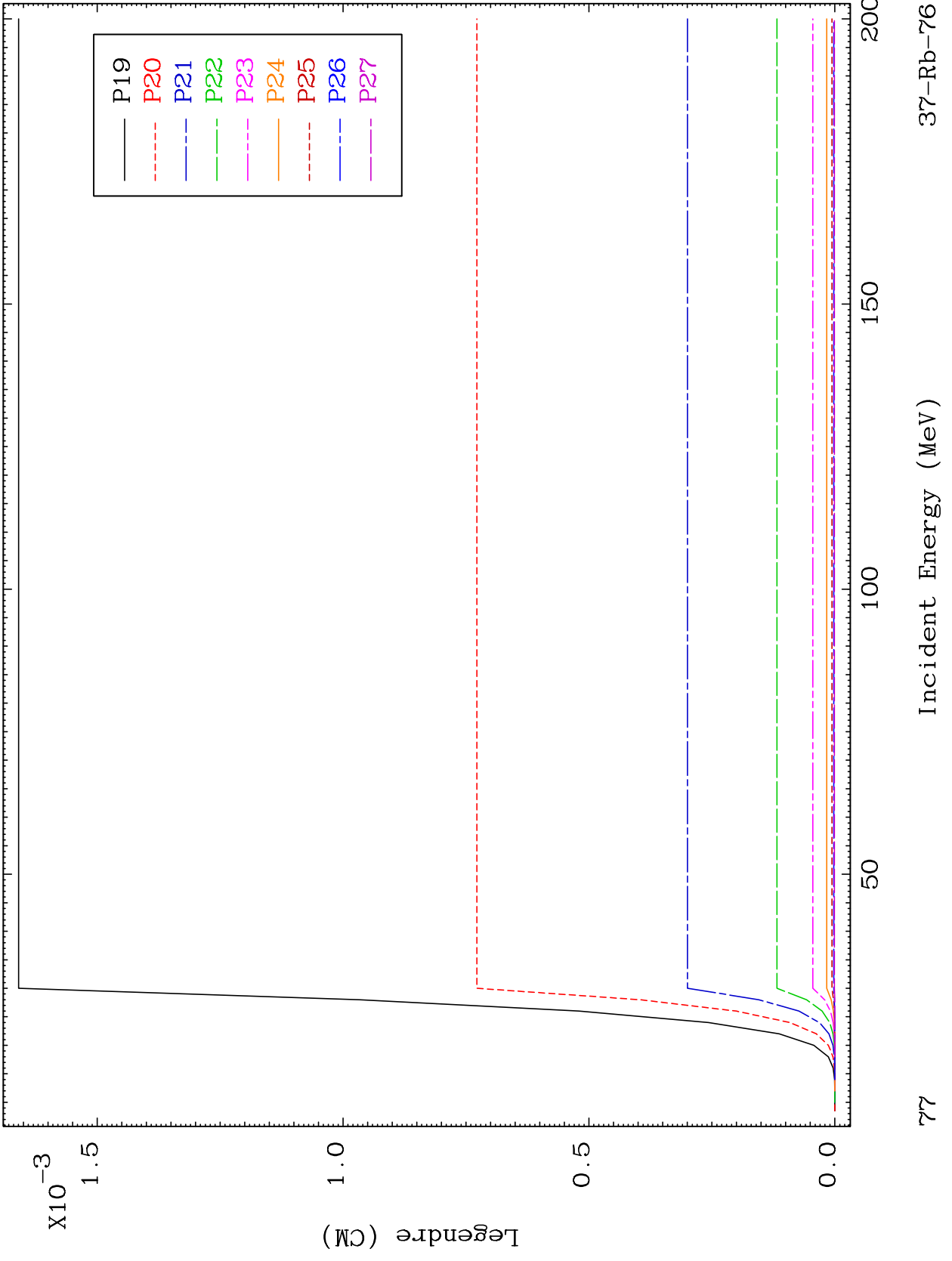
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

37-Rb-76



77

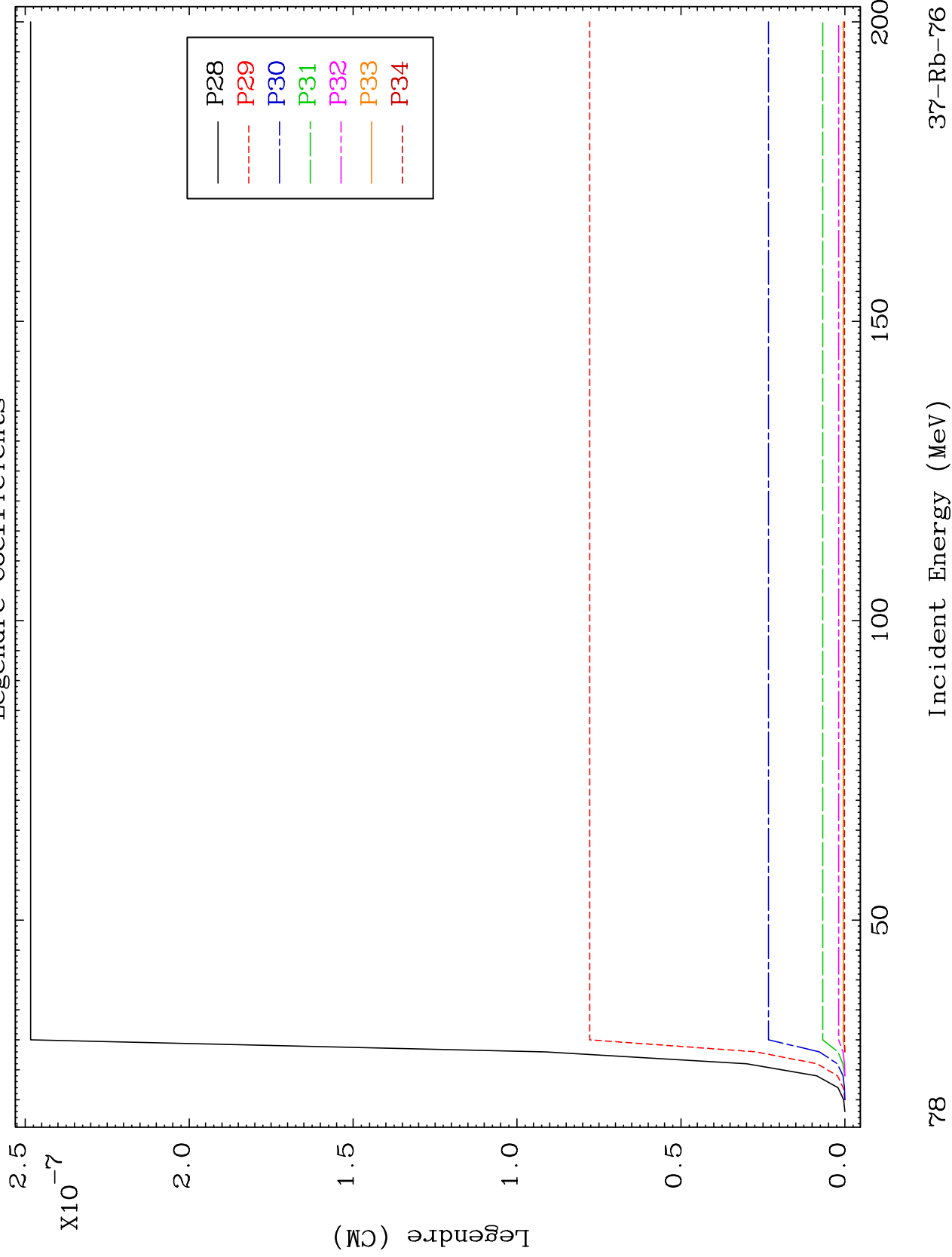
Incident Energy (MeV)

37-Rb-76

MAT 3698

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

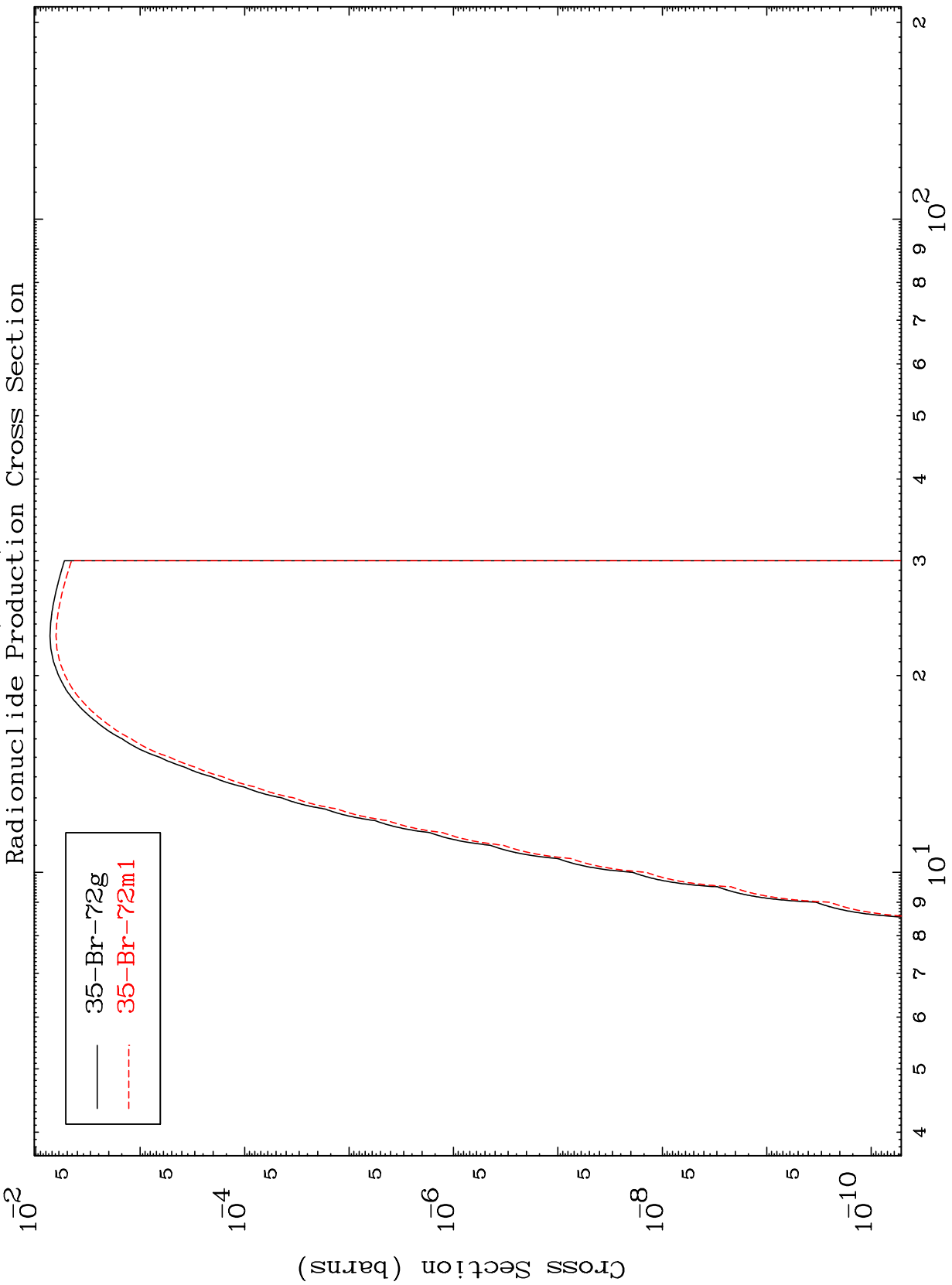
37-Rb-76



MAT 3698

(n, n') α

37-Rb-76



79

Incident Energy (MeV)

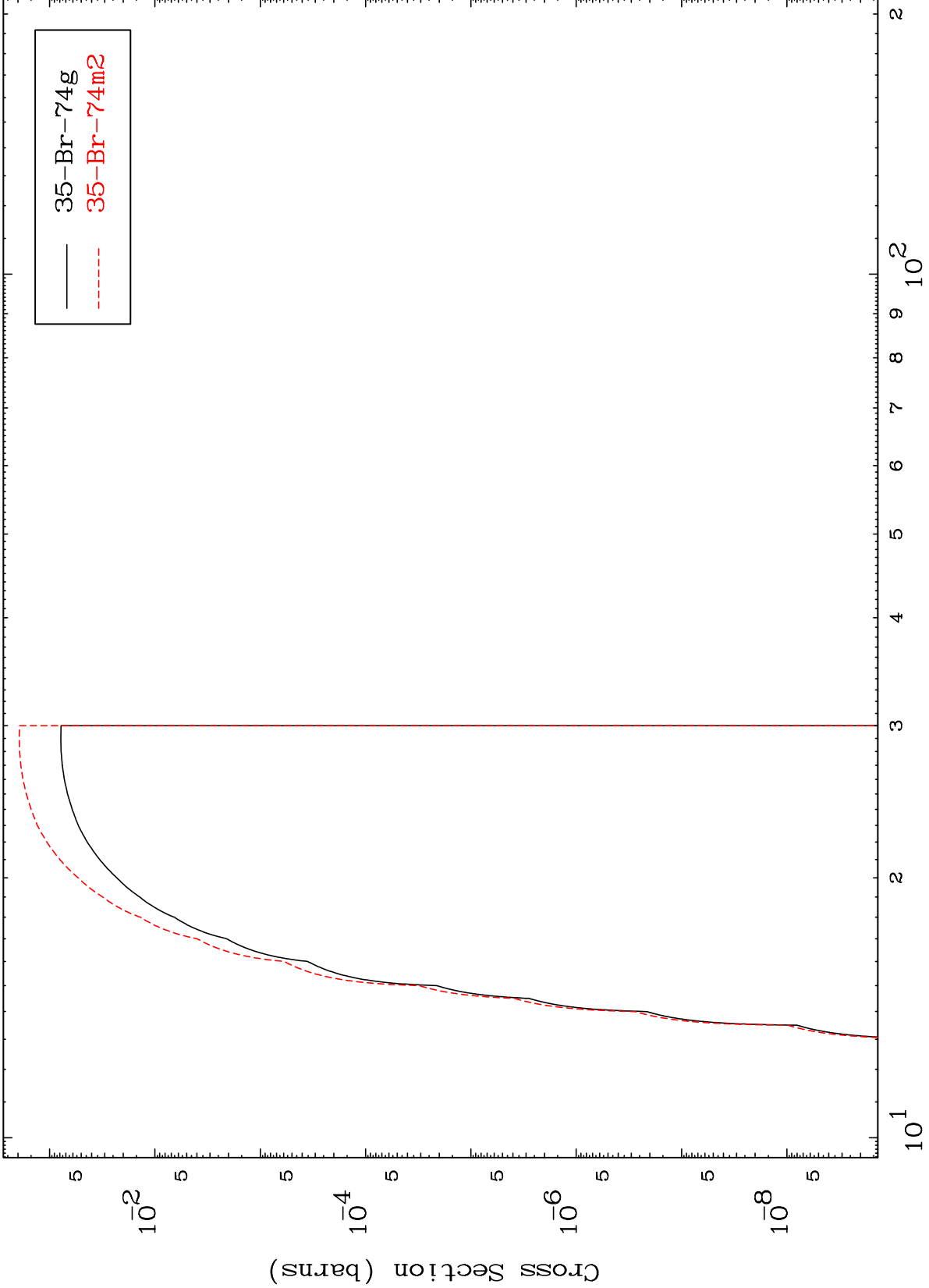
37-Rb-76

MAT 3698

$(n,2n)$ p

37-Rb-76

Radionuclide Production Cross Section



Incident Energy (MeV)

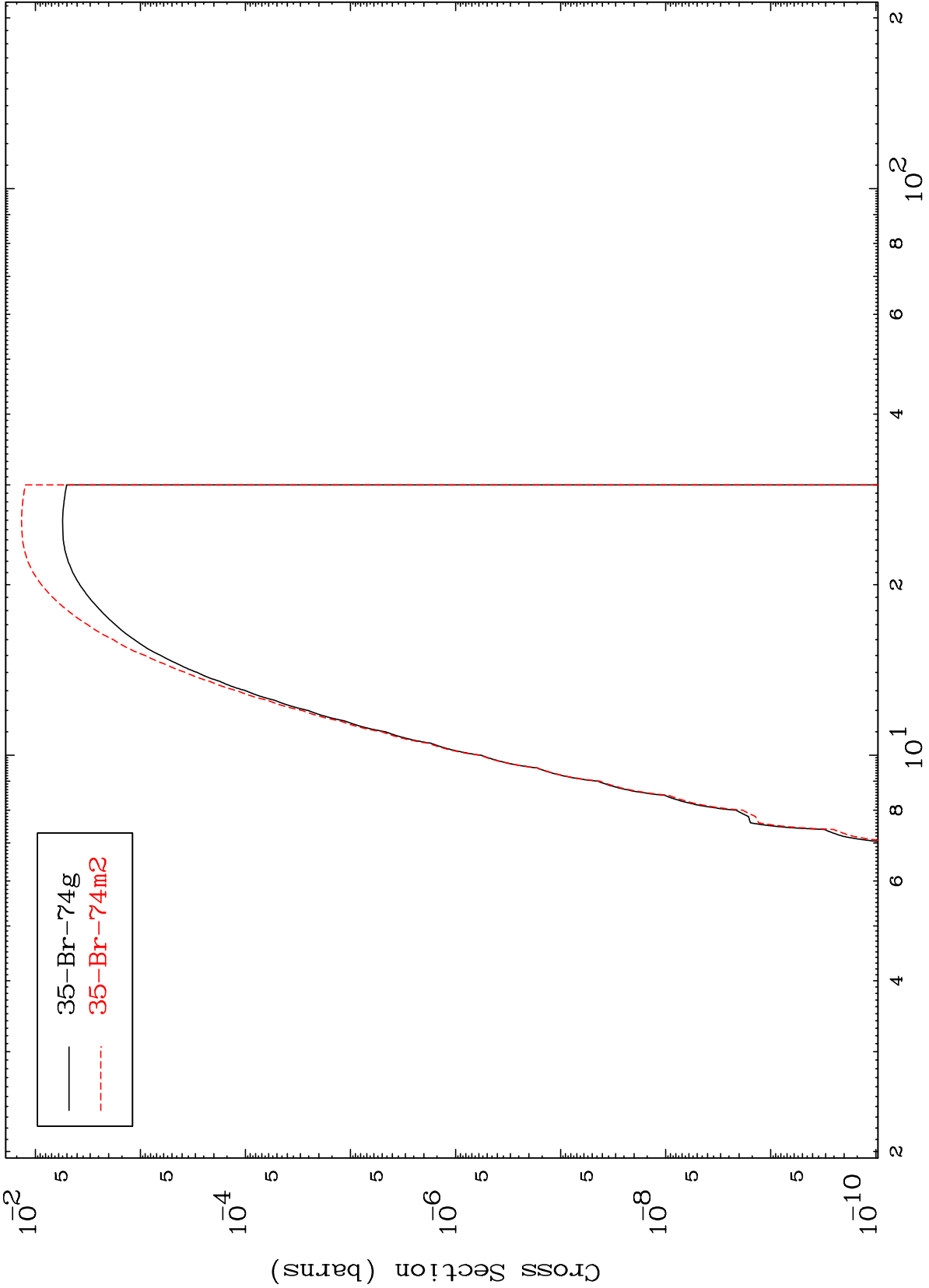
37-Rb-76

MAT 3698

(n,He-3)

37-Rb-76

Radionuclide Production Cross Section



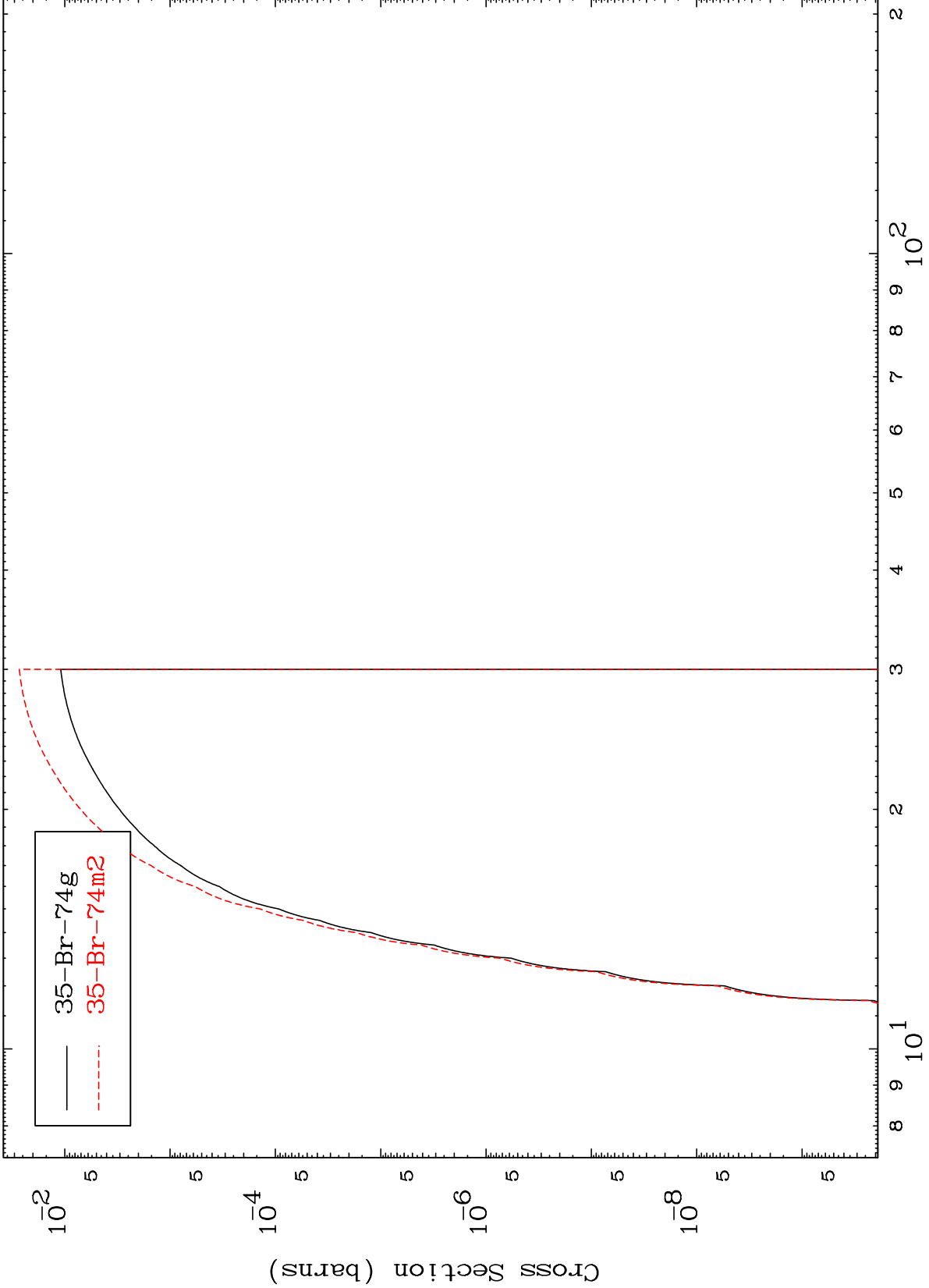
35-Br-74g
35-Br-74m2

MAT 3698

(n,p) d

³⁷Rb-76

Radionuclide Production Cross Section



— 35-Br-74g
- - - 35-Br-74m2

82

Incident Energy (MeV)

³⁷Rb-76