

Program EVALPLOT
(Version 2018-1)

by

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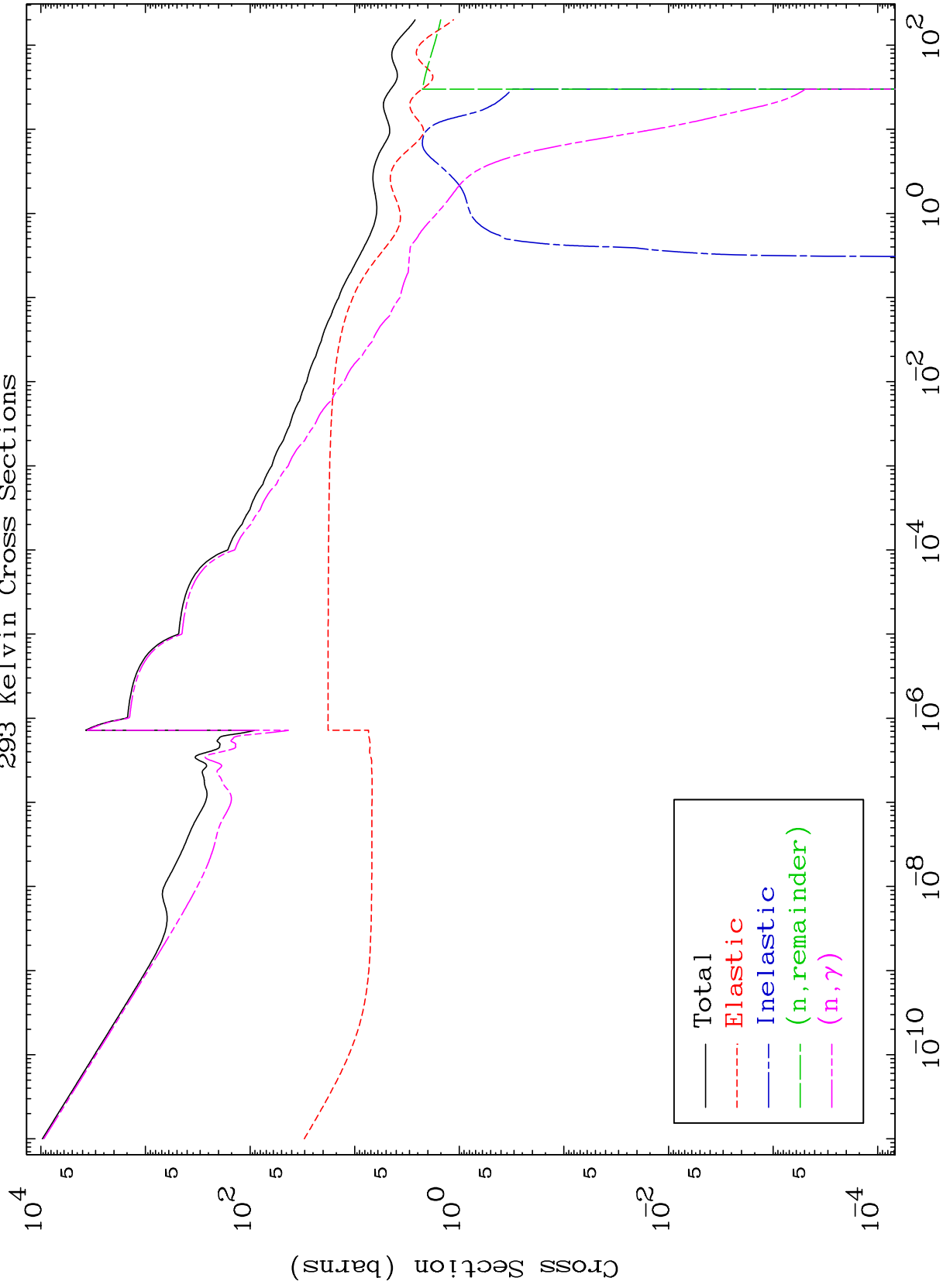
Press Mouse Button to Start

MAT 7486

Major

293 Kelvin Cross Sections

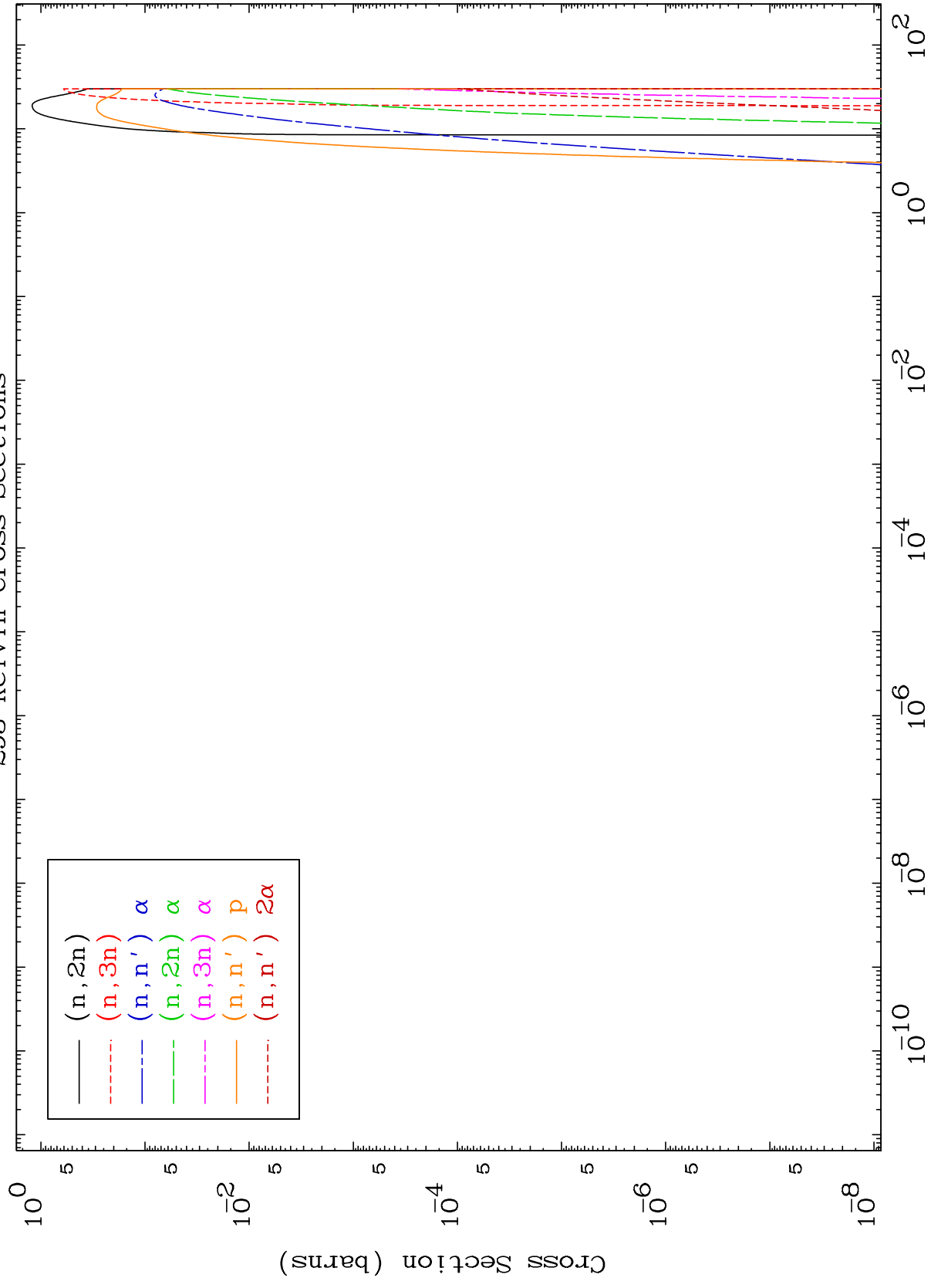
75-Re-172



MAT 7486

Neutron Production
293 Kelvin Cross Sections

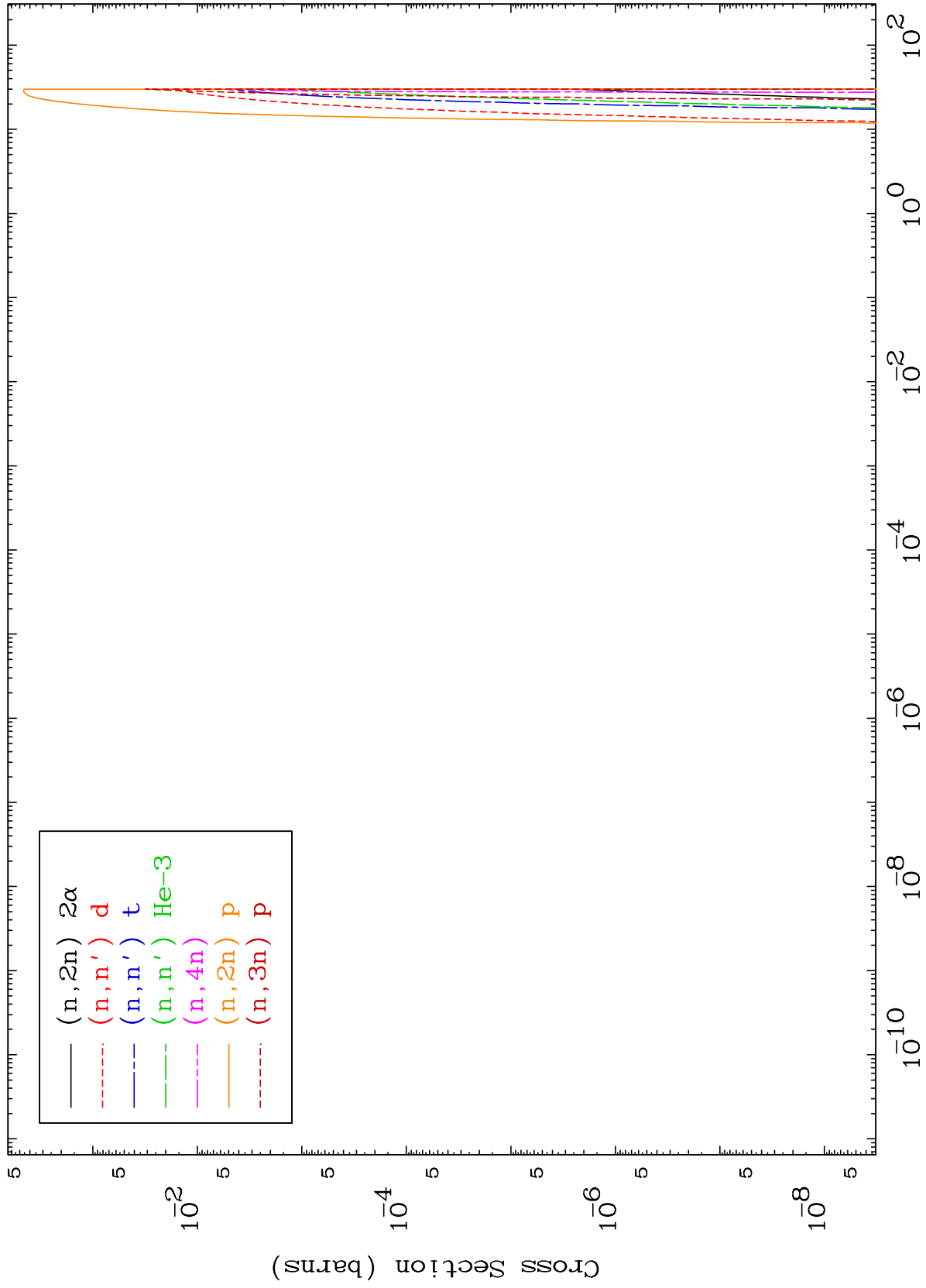
75-Re-172



MAT 7486

Neutron Production
293 Kelvin Cross Sections

75-Re-172



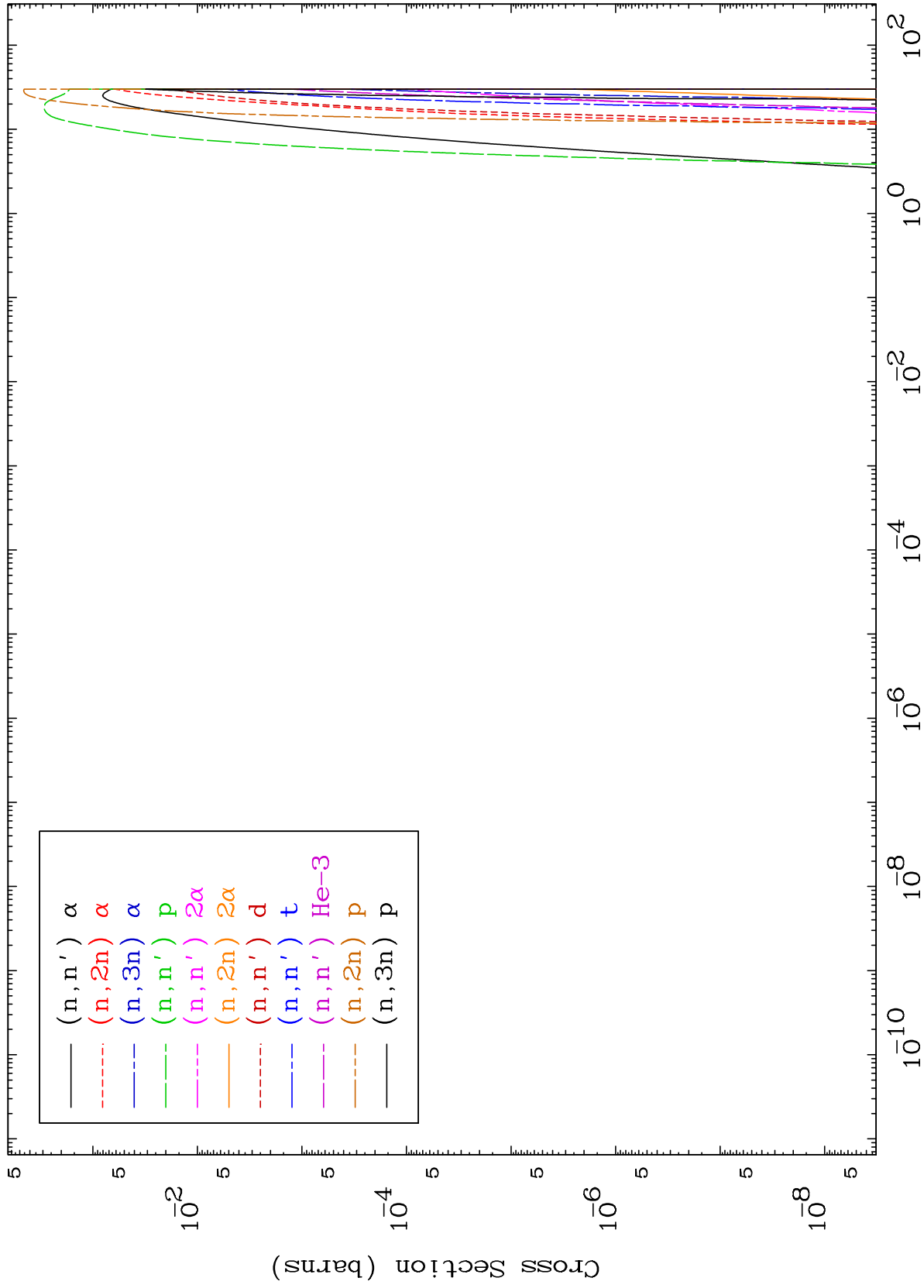
3

75-Re-172

MAT 7486

293 Kelvin Cross Sections

75-Re-172

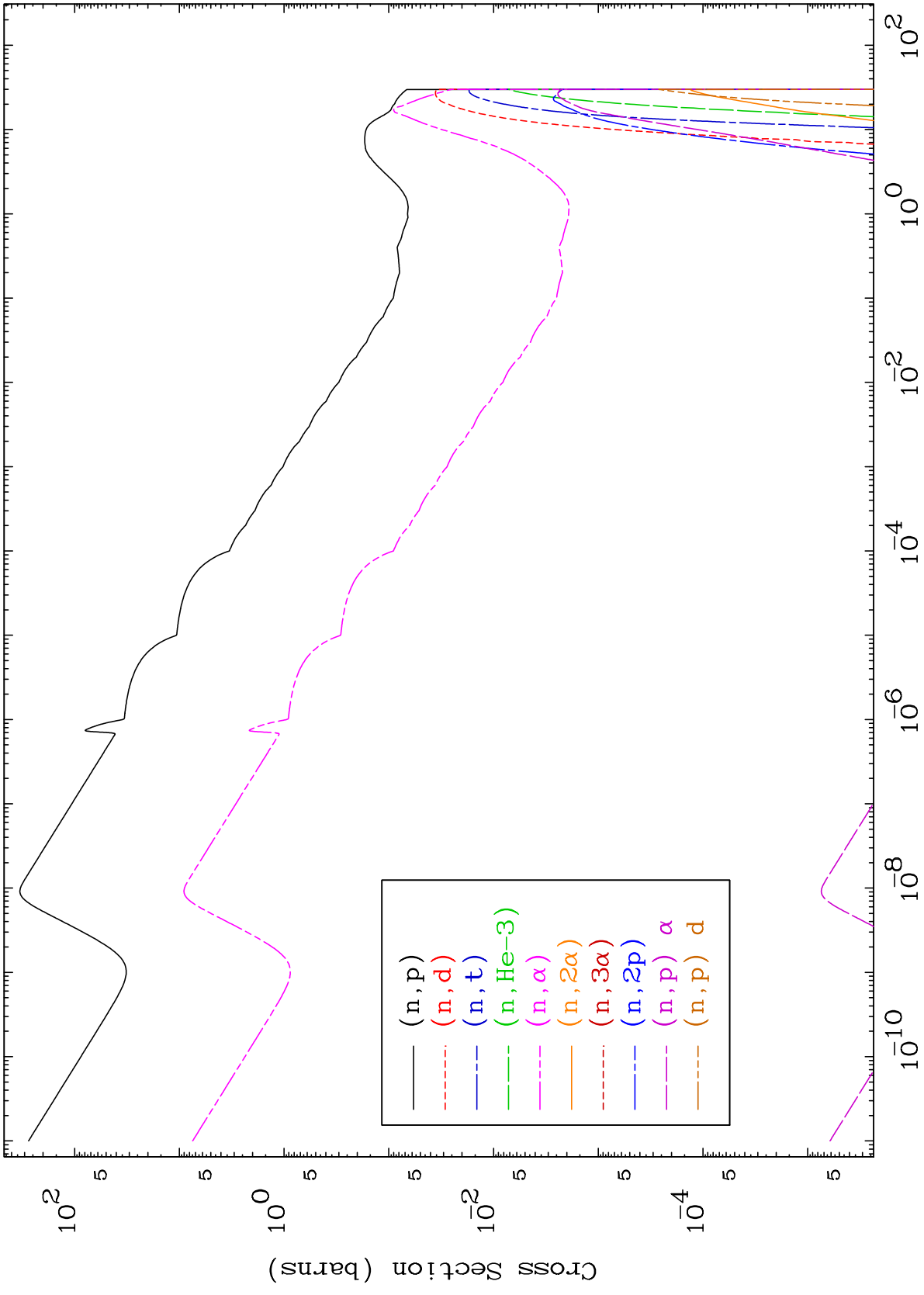


75-Re-172

MAT 7486

Charged Particle
293 Kelvin Cross Sections

75-Re-172

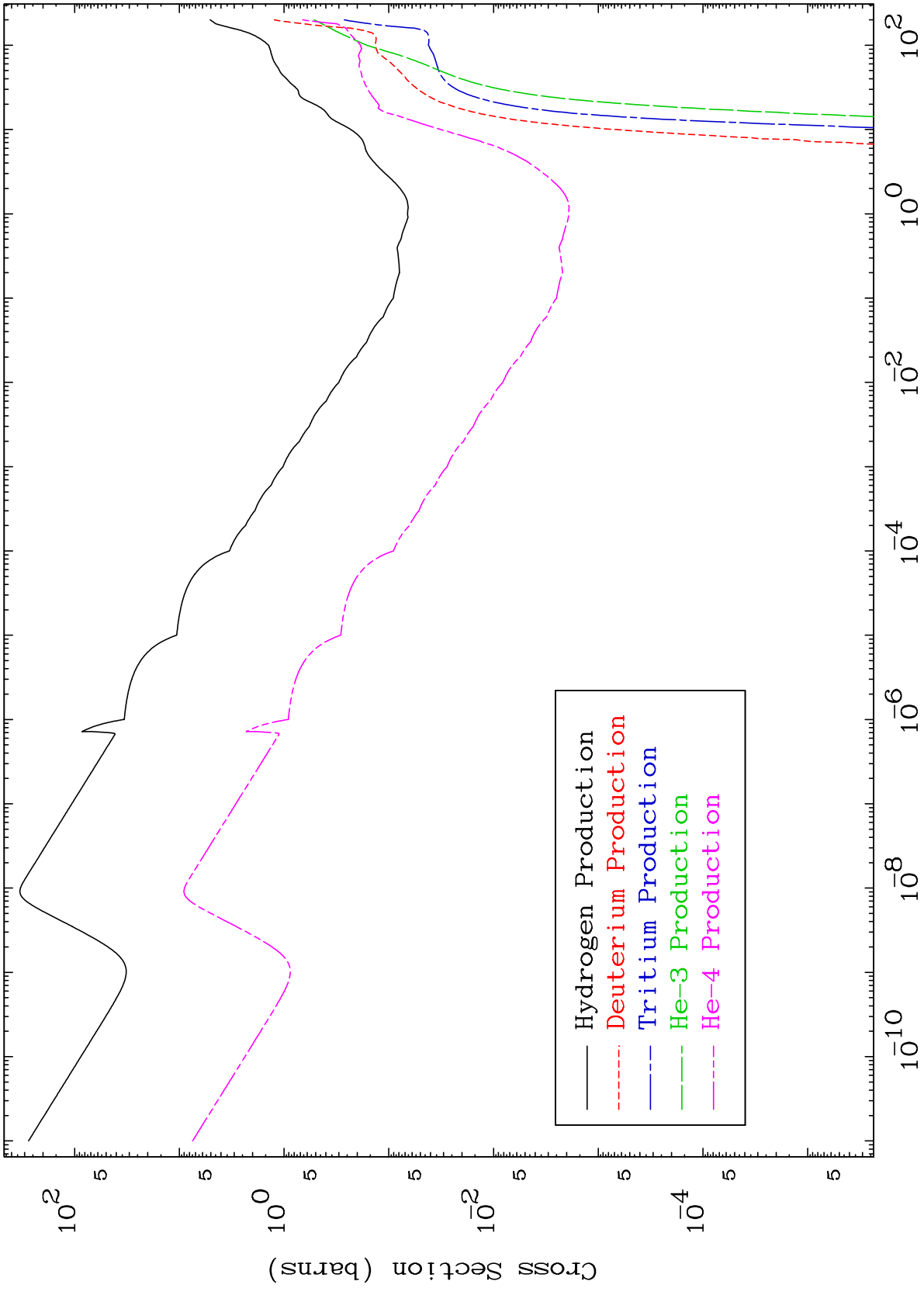


5

MAT 7486

Particle Production
293 Kelvin Cross Sections

75-Re-172

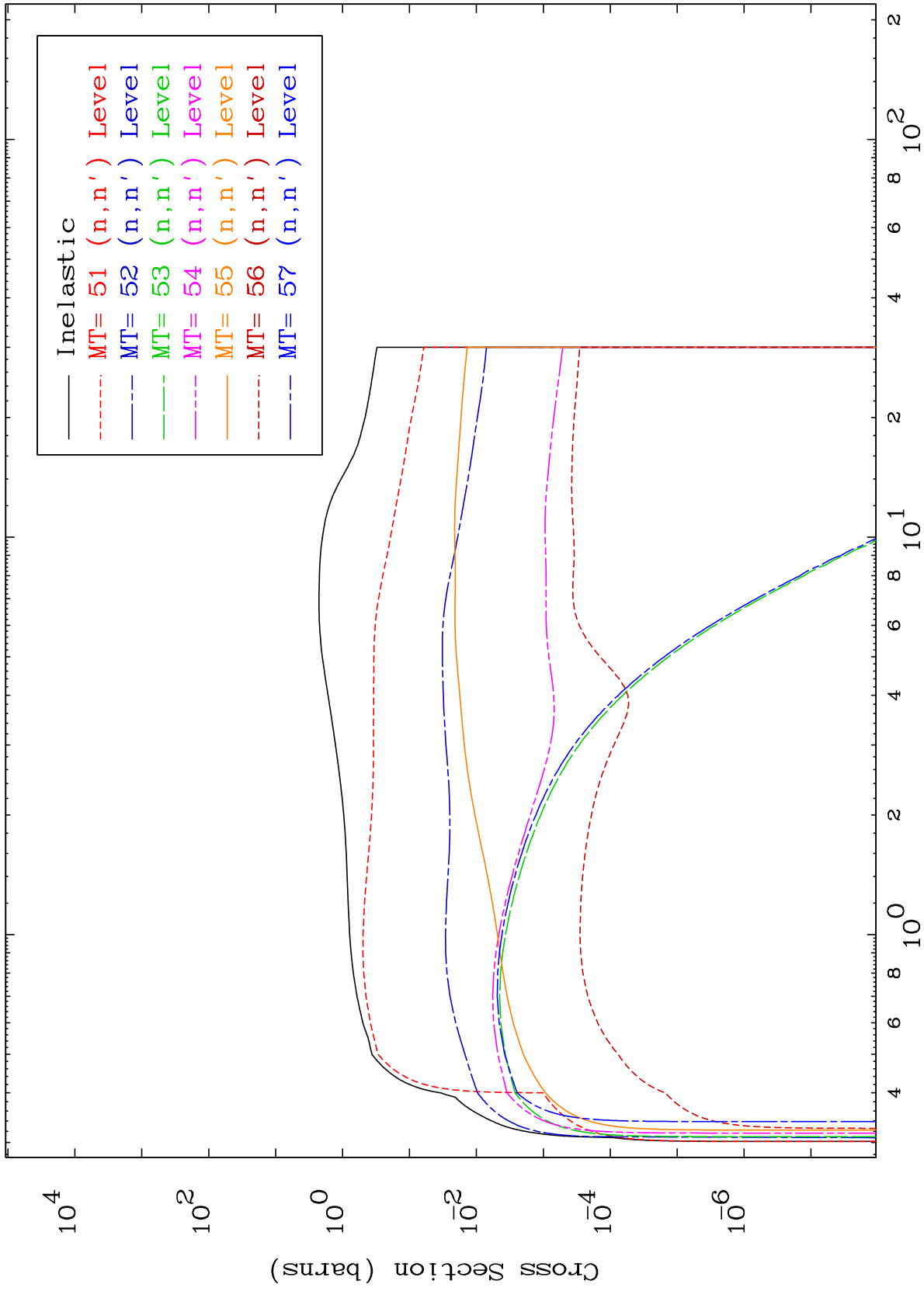


75-Re-172

MAT 7486

(n,n') Level
293 Kelvin Cross Sections

75-Re-172



7

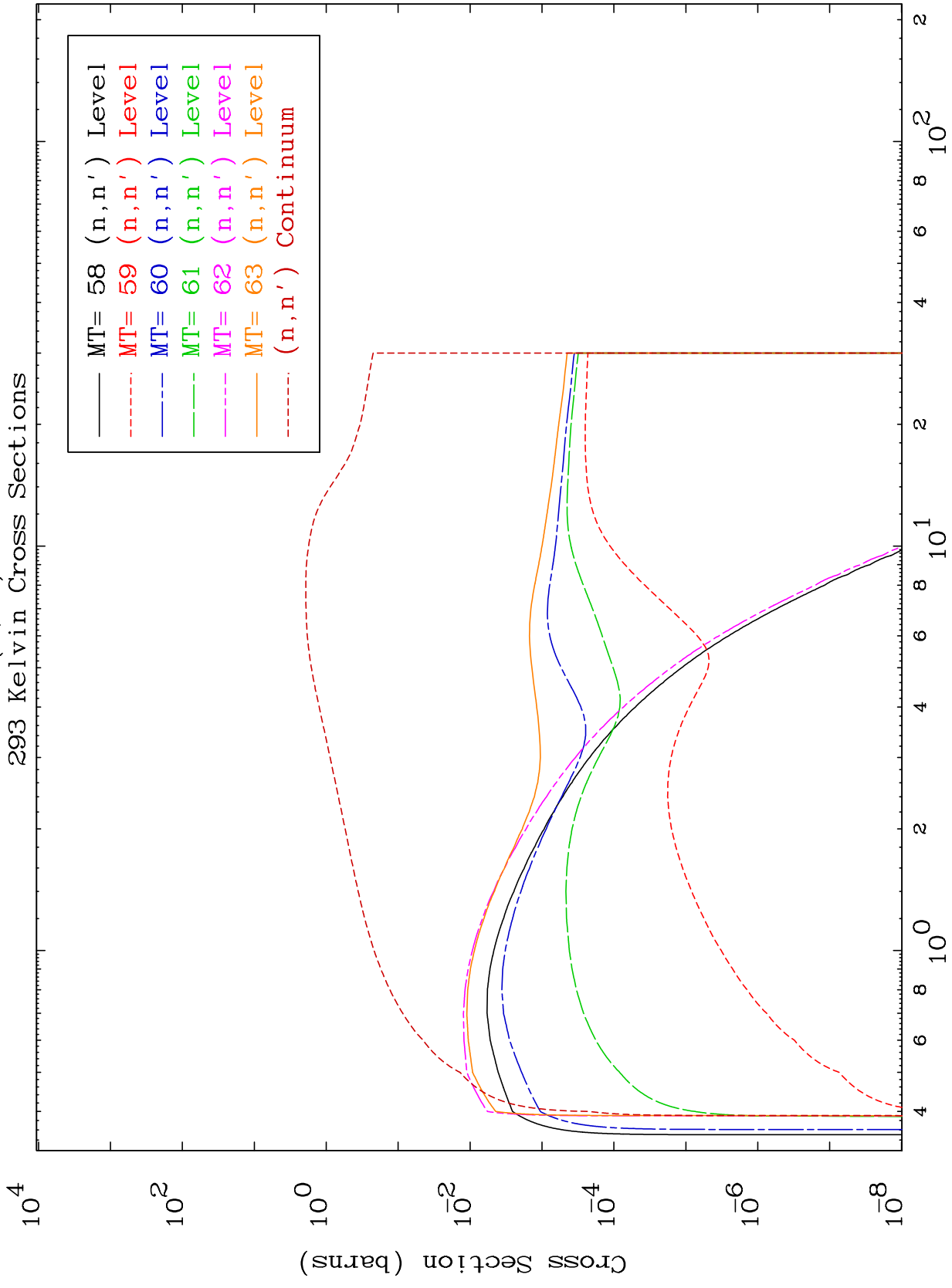
Incident Energy (MeV)

75-Re-172

MAT 7486

(n,n') Level
293 Kelvin Cross Sections

75-Re-172



8

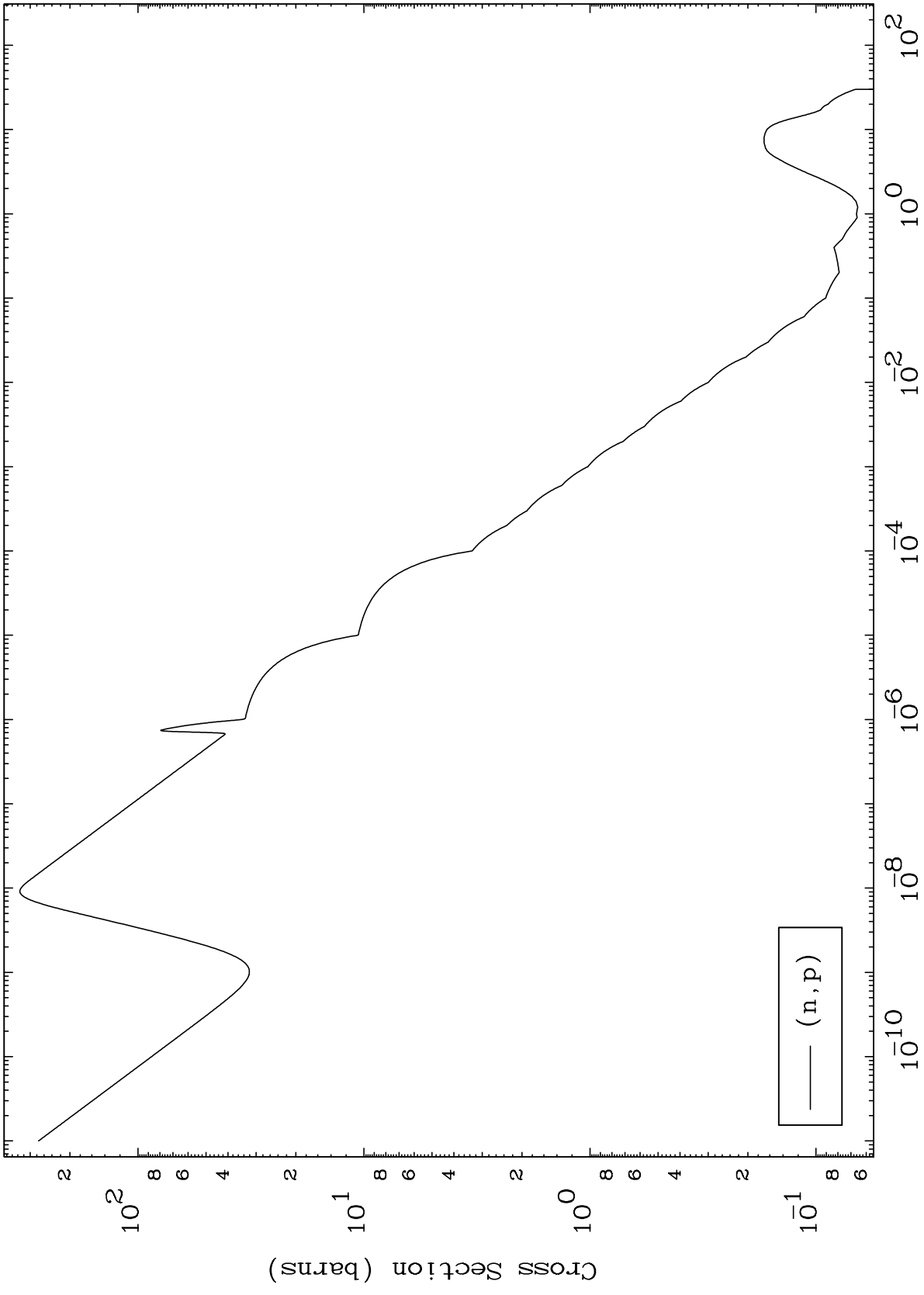
Incident Energy (MeV)

75-Re-172

MAT 7486

(n,p) Levels
293 Kelvin Cross Sections

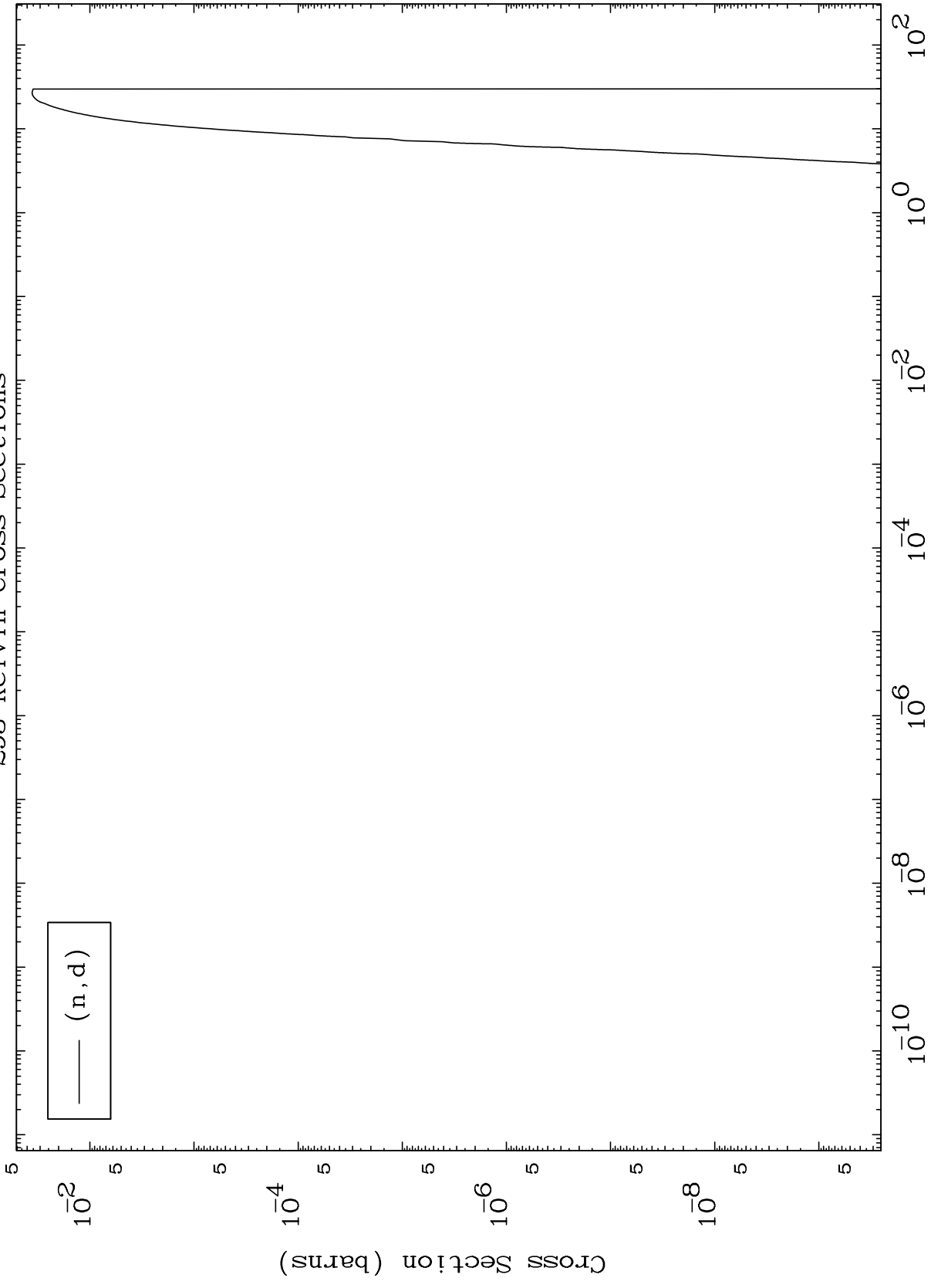
75-Re-172



MAT 7486

(n,d) Levels
293 Kelvin Cross Sections

75-Re-172



10

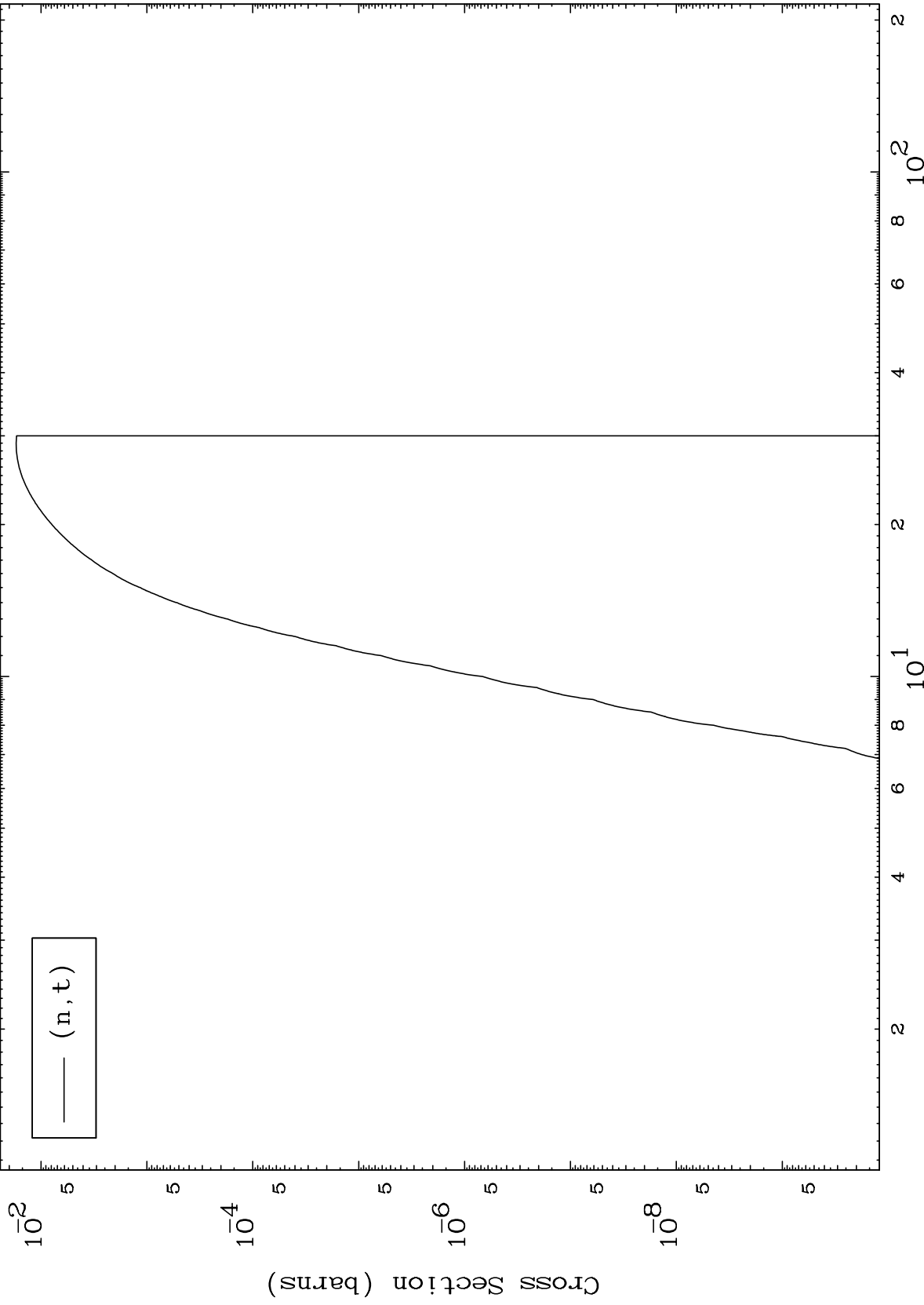
Incident Energy (MeV)

75-Re-172

MAT 7486

(n,t) Levels
293 Kelvin Cross Sections

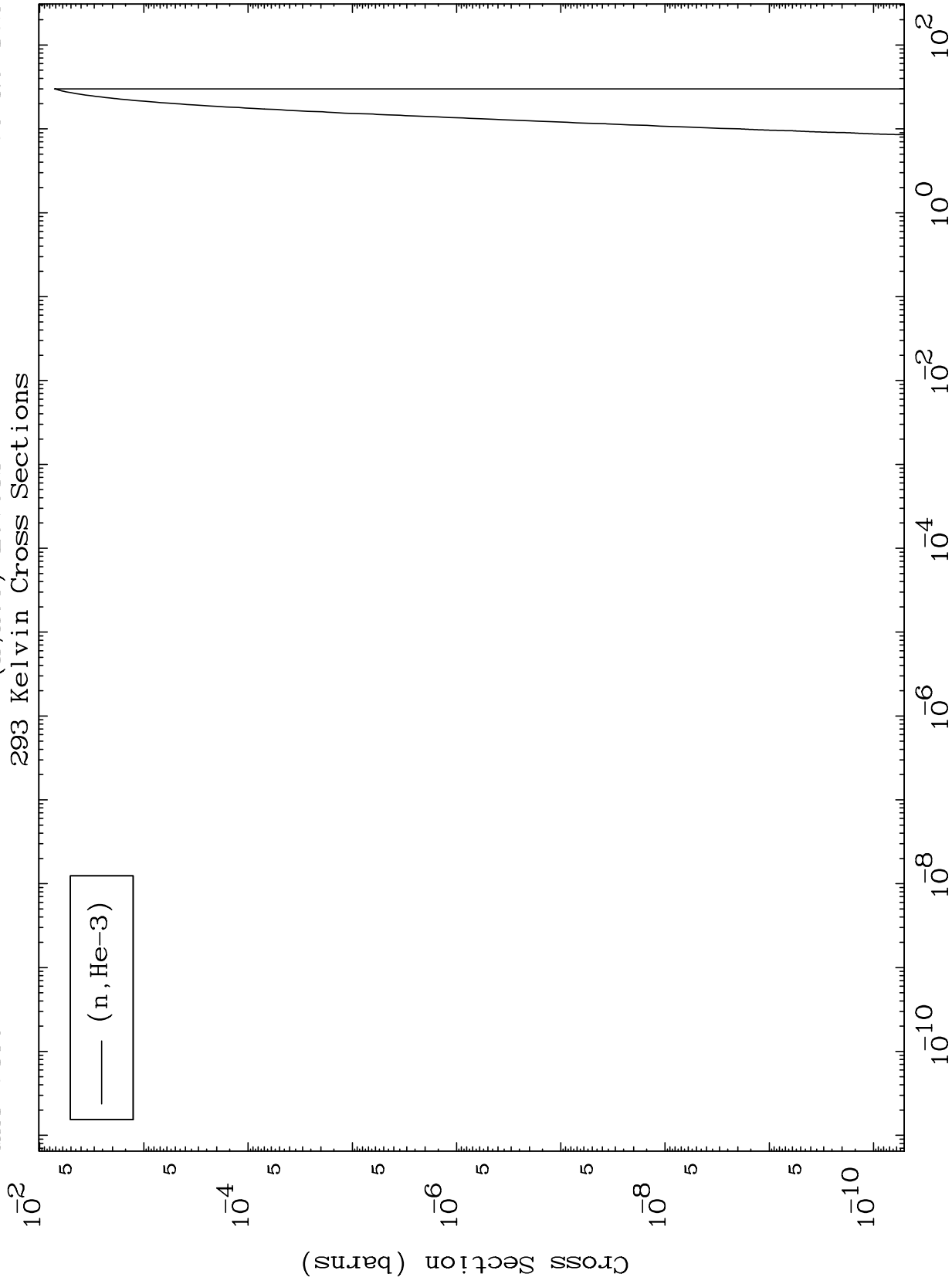
75-Re-172



MAT 7486

(n,He3) Levels
293 Kelvin Cross Sections

75-Re-172

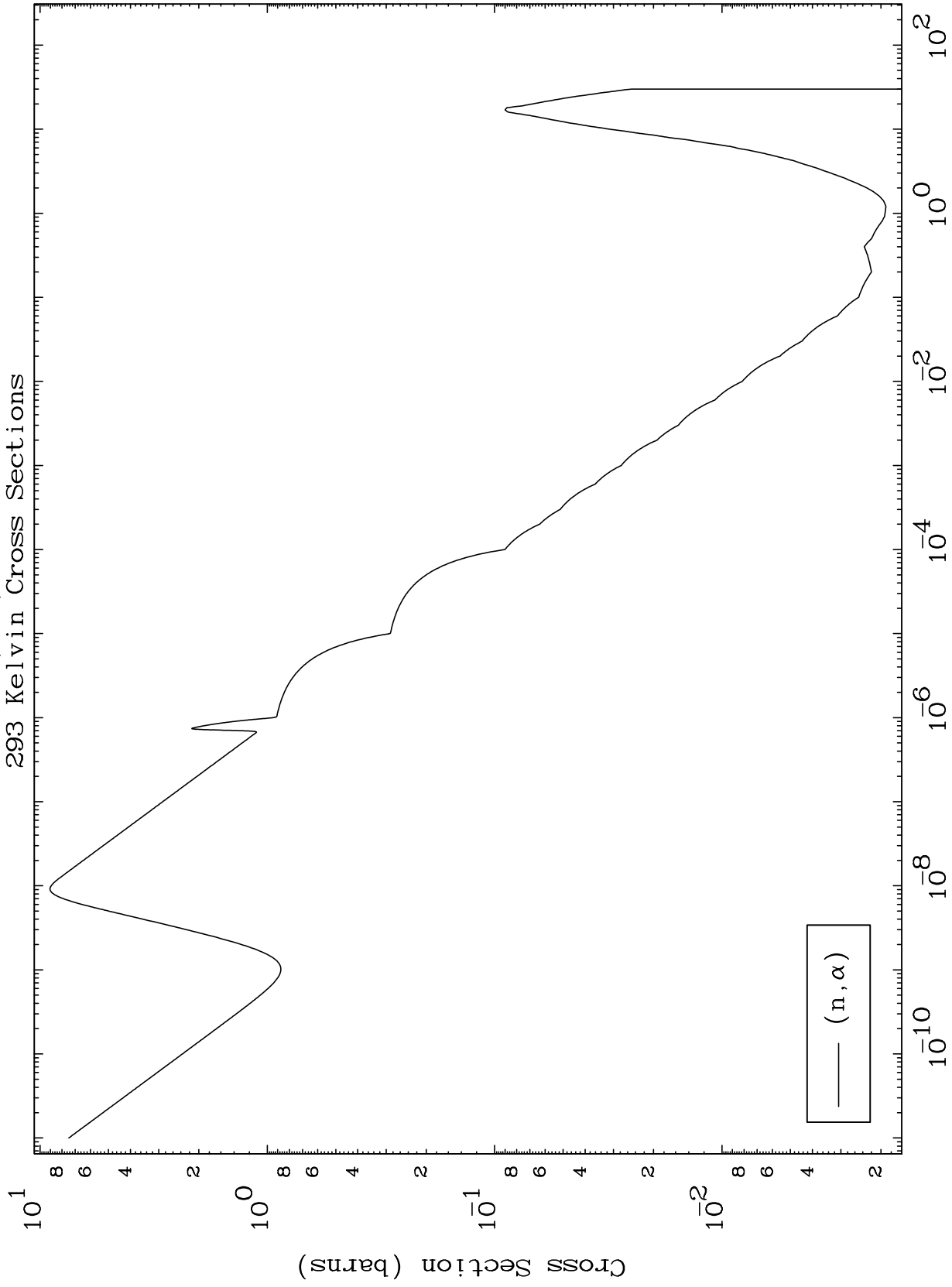


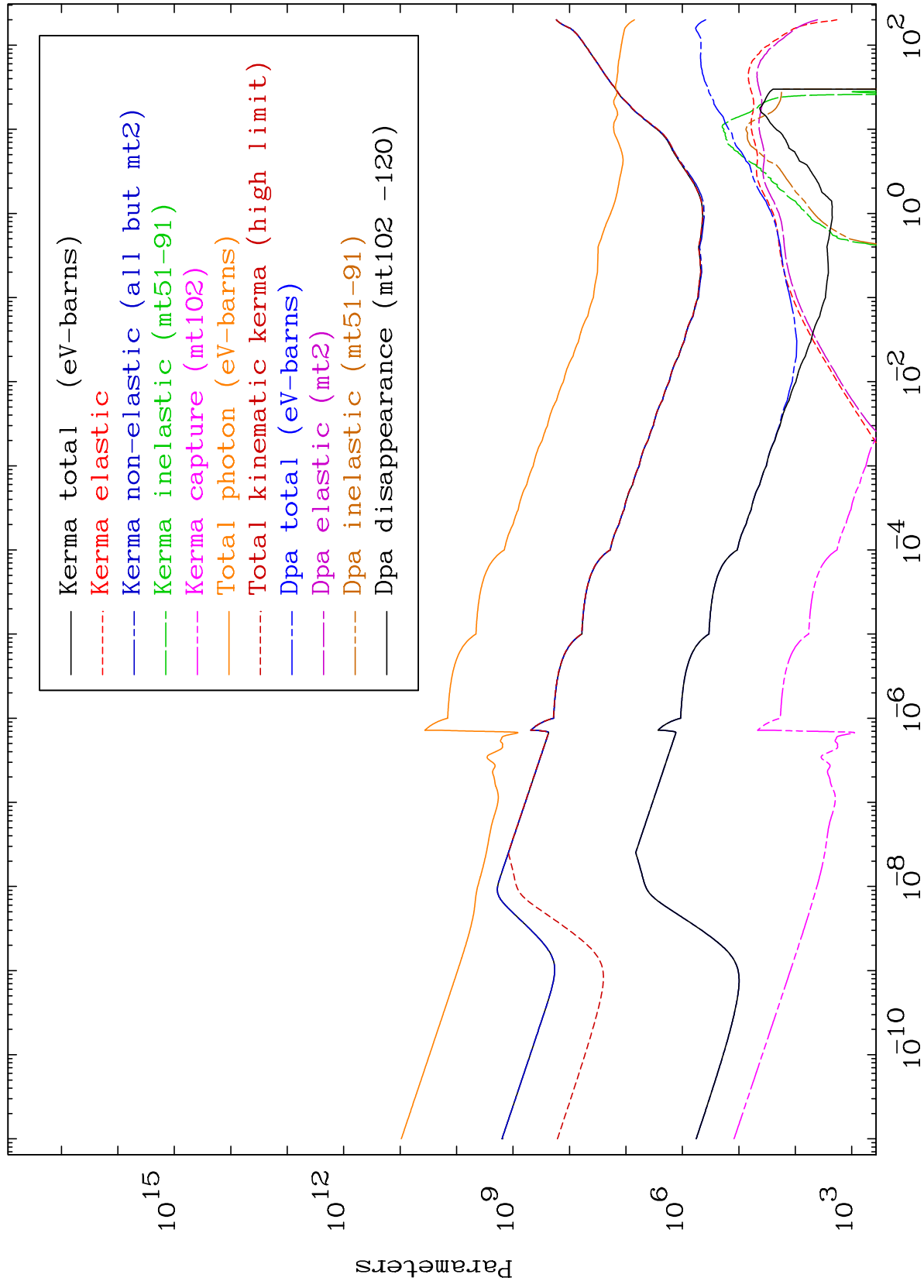
(n, He-3)

MAT 7486

(n,α) Levels
293 Kelvin Cross Sections

75-Re-172

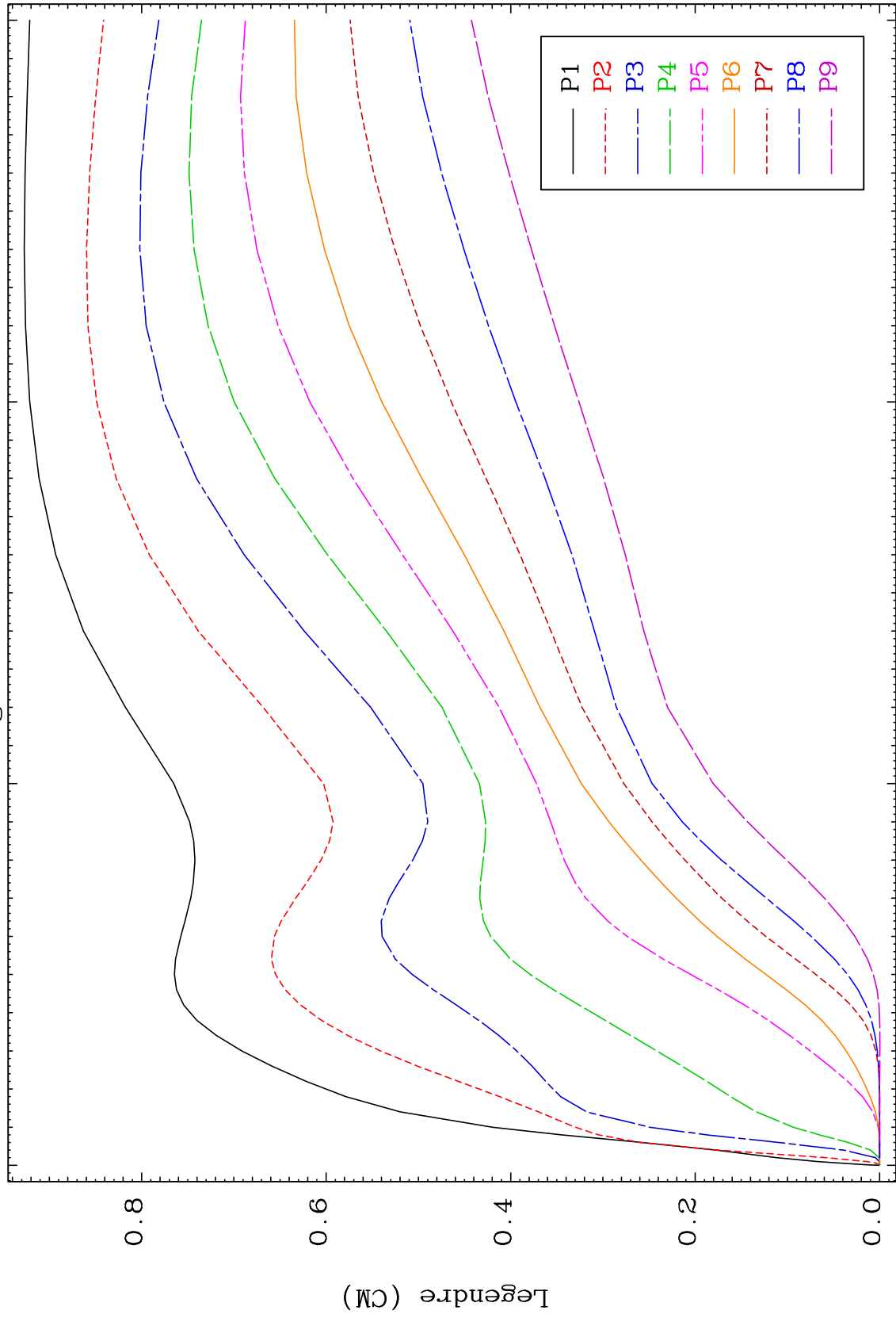




MAT 7486

Elastic Legendre Coefficients

75-Re-172



0

0.0

0.2

0.4

0.6

0.8

75-Re-172

30

20

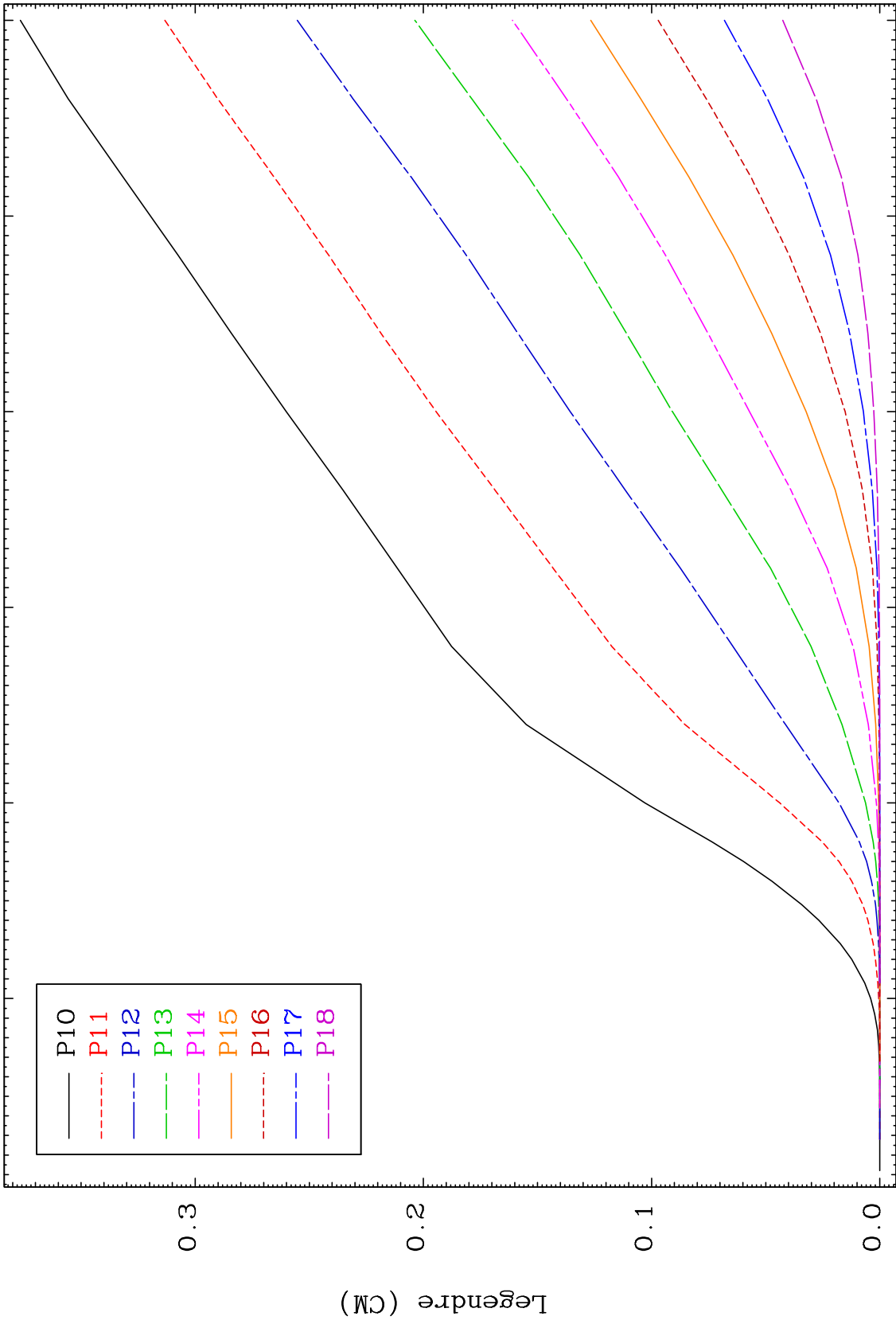
10

Incident Energy (MeV)

MAT 7486

Elastic Legendre Coefficients

75-Re-172



16

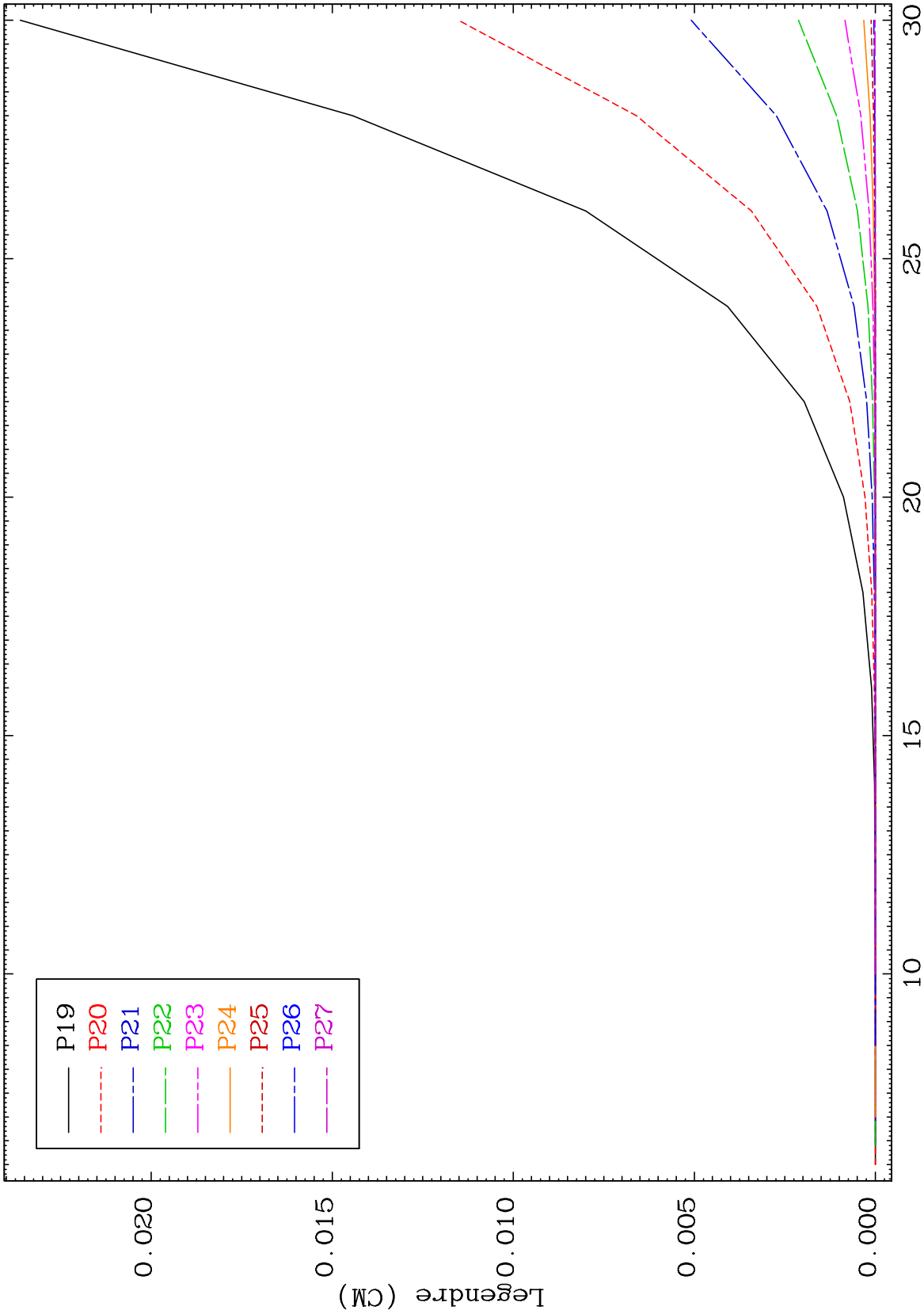
Incident Energy (MeV)

75-Re-172

MAT 7486

Elastic Legendre Coefficients

75-Re-172



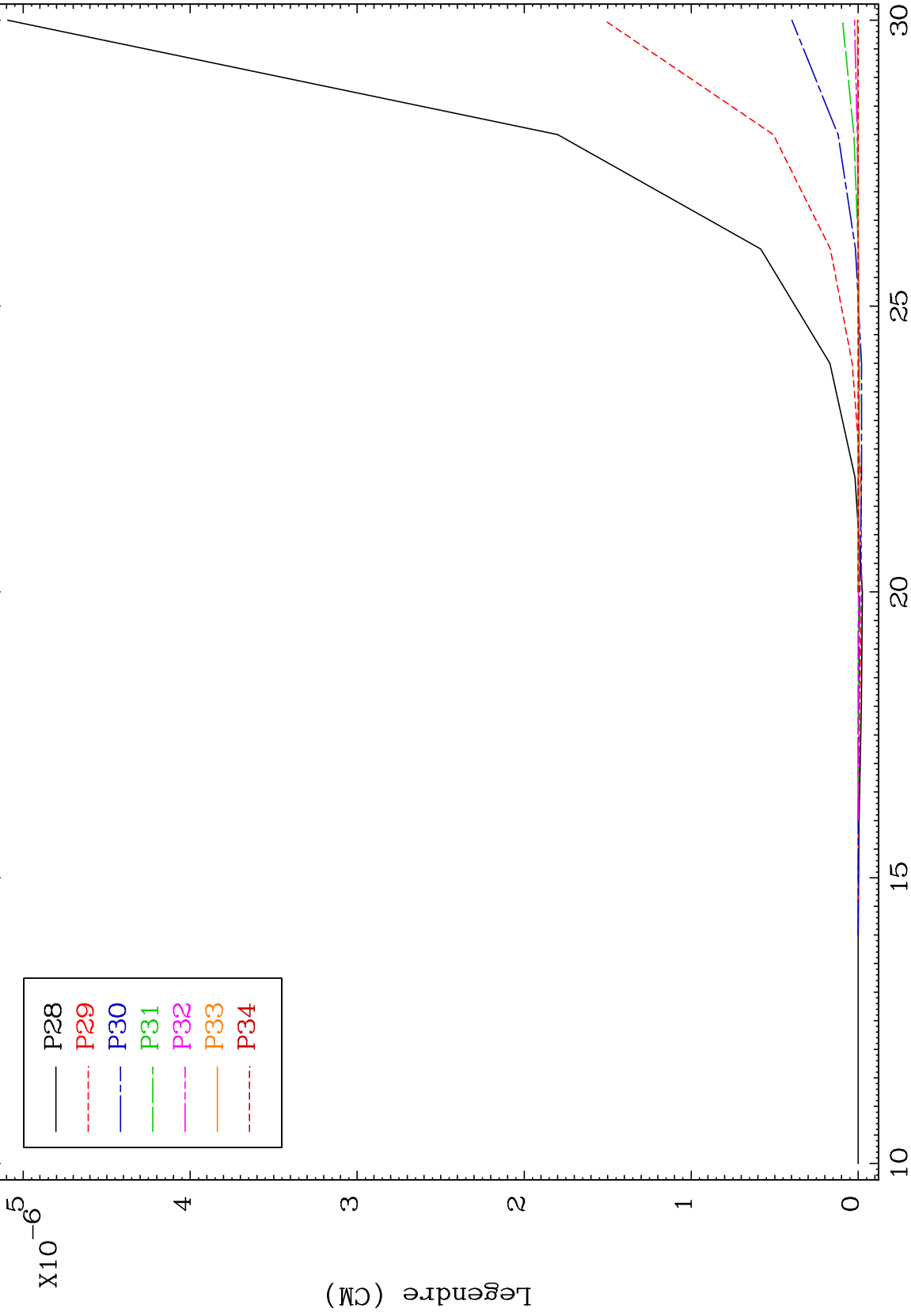
17

75-Re-172

MAT 7486

Elastic Legendre Coefficients

75-Re-172



10

15

20

25

30

Incident Energy (MeV)

75-Re-172

Legendre (CM)

5×10^{-6}

P28

P29

P30

P31

P32

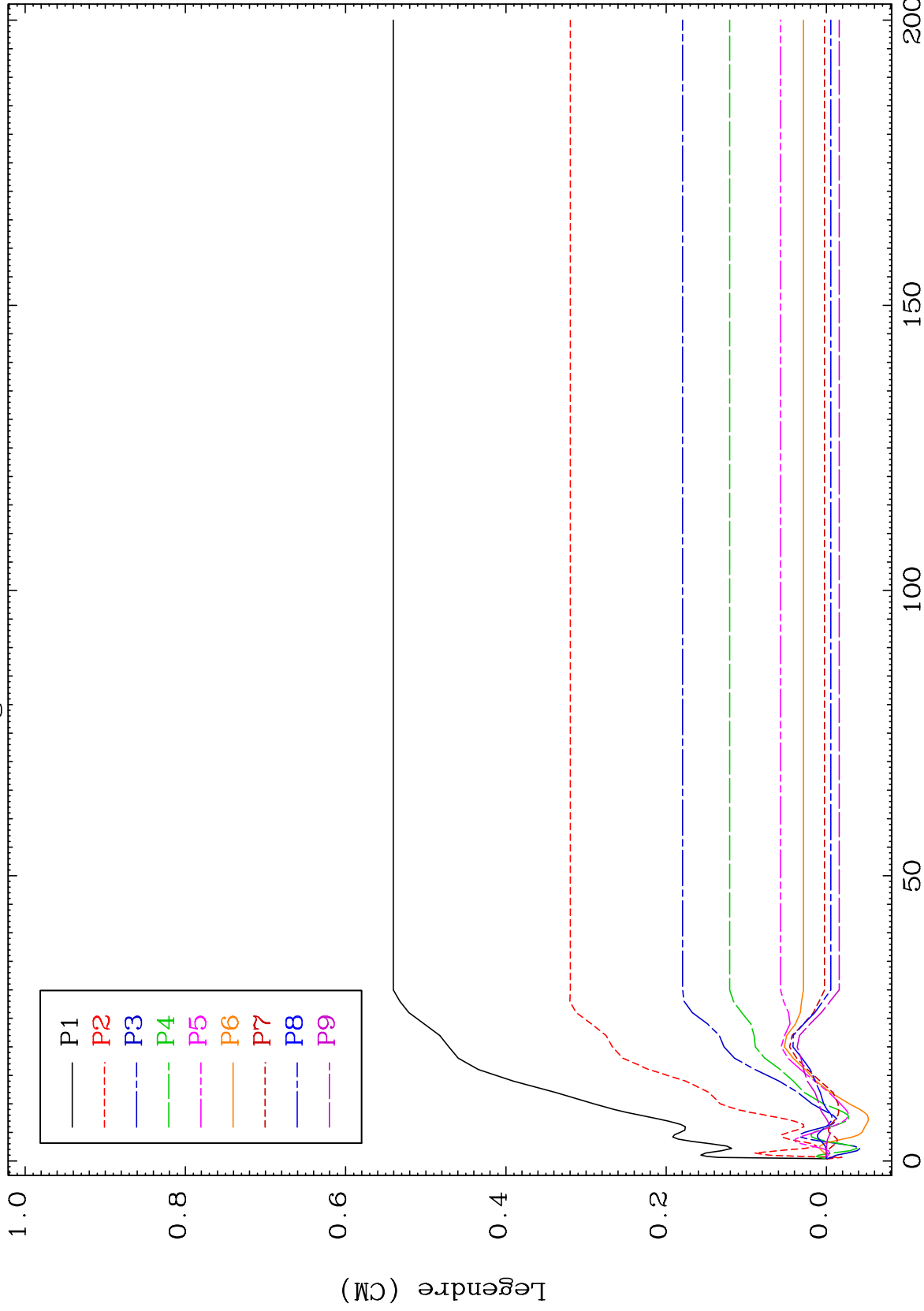
P33

P34

MAT 7486

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

75-Re-172



19

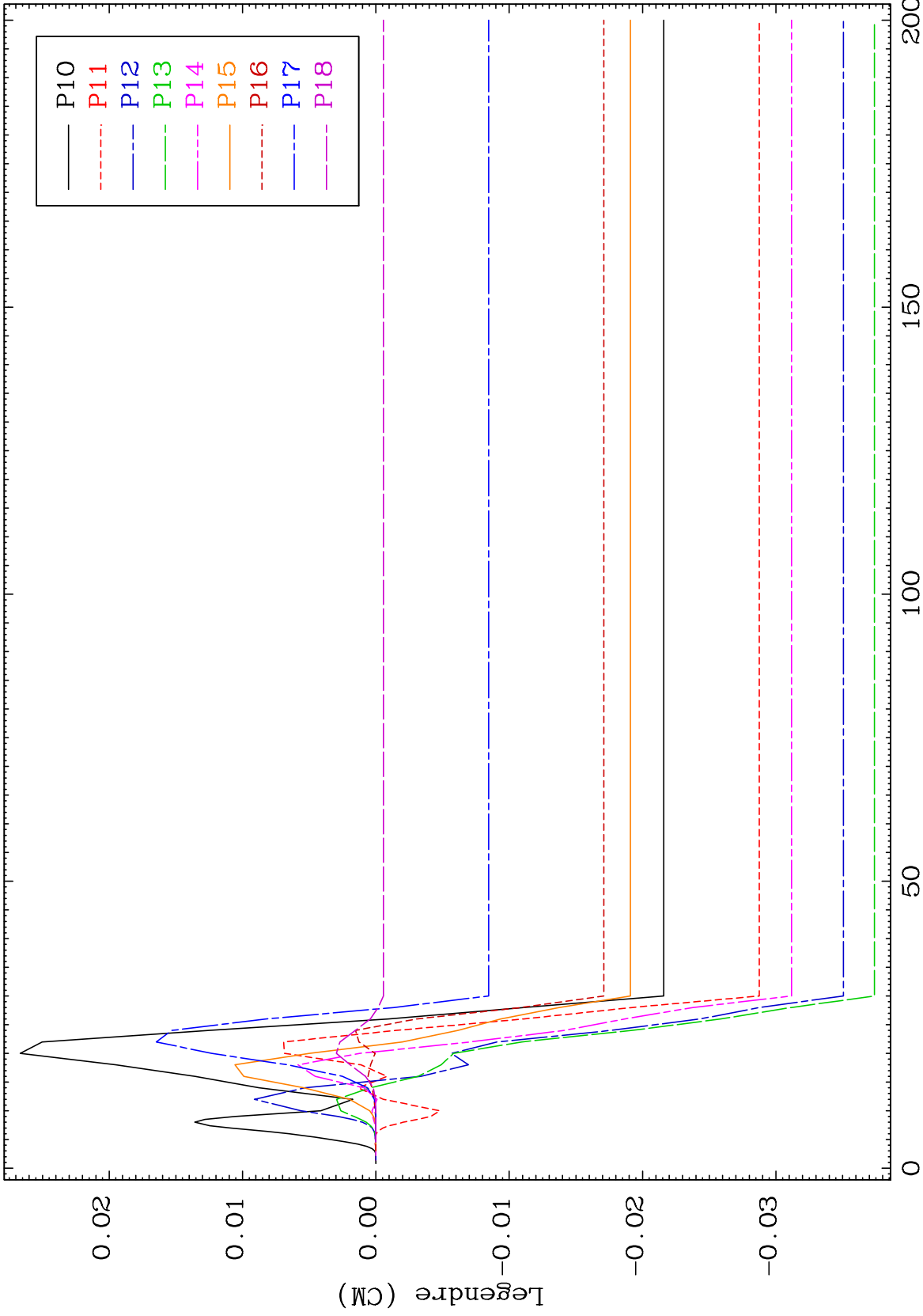
Incident Energy (MeV)

75-Re-172

MAT 7486

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

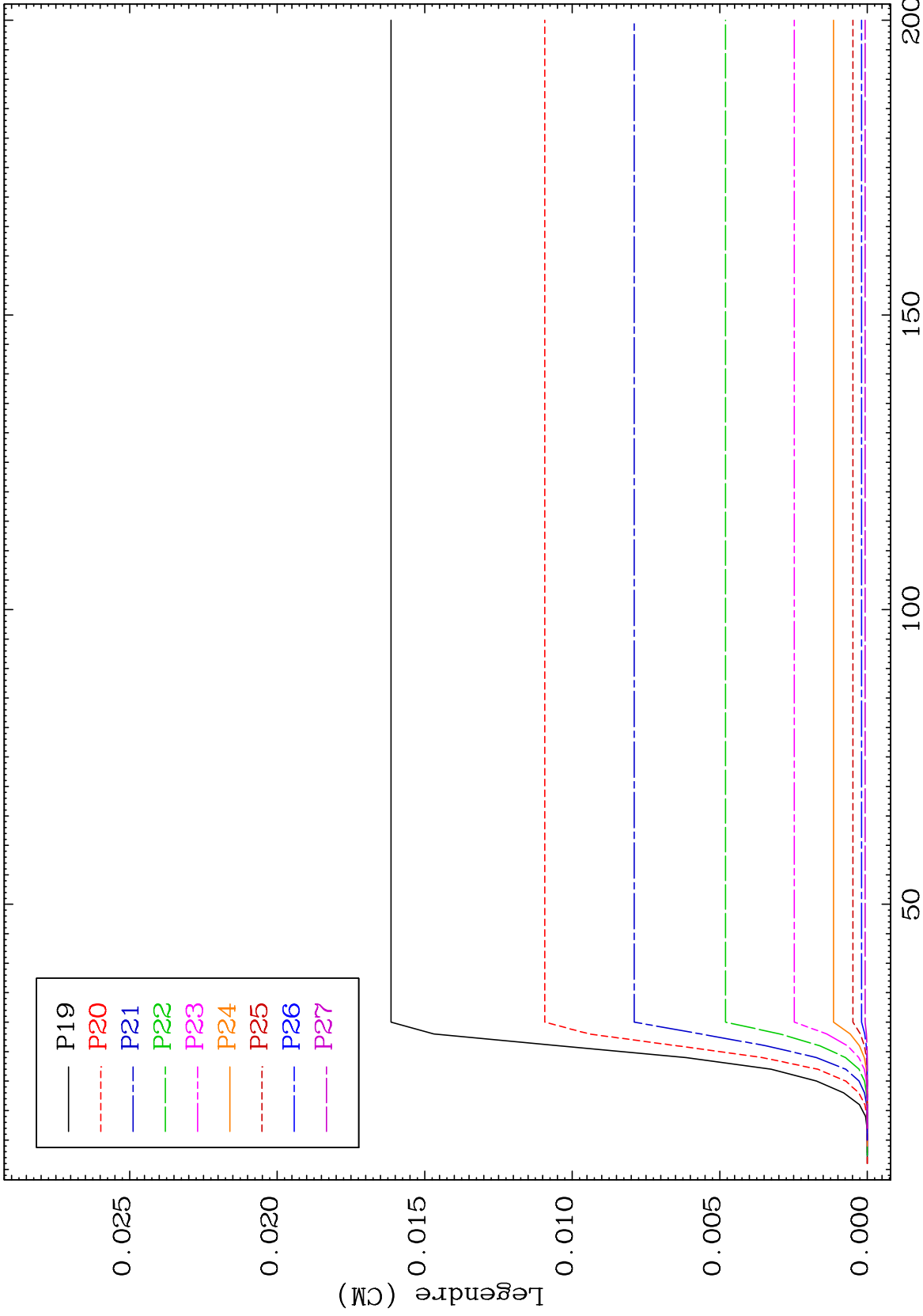
75-Re-172



20

Incident Energy (MeV)

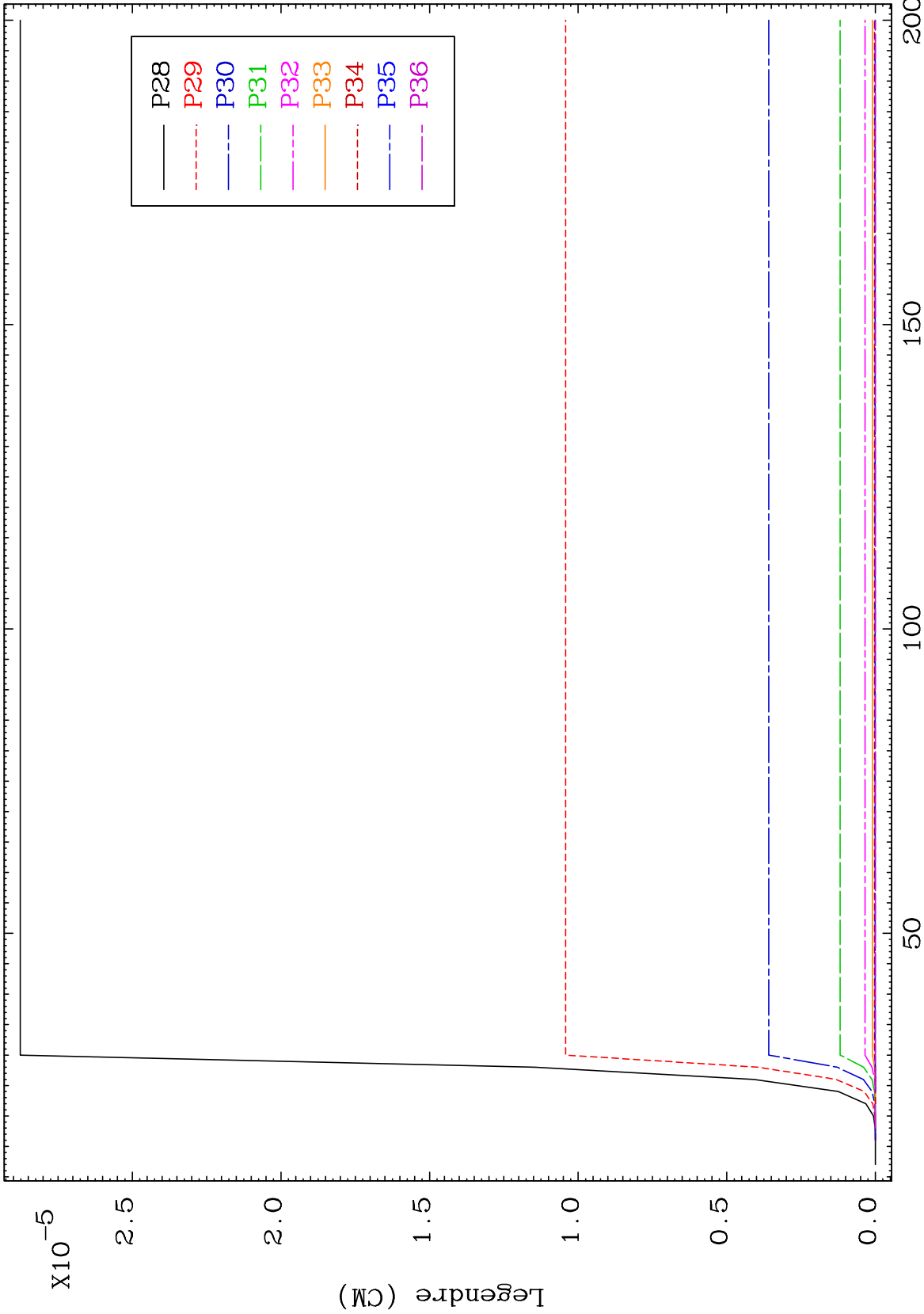
75-Re-172



MAT 7486

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

75-Re-172



22

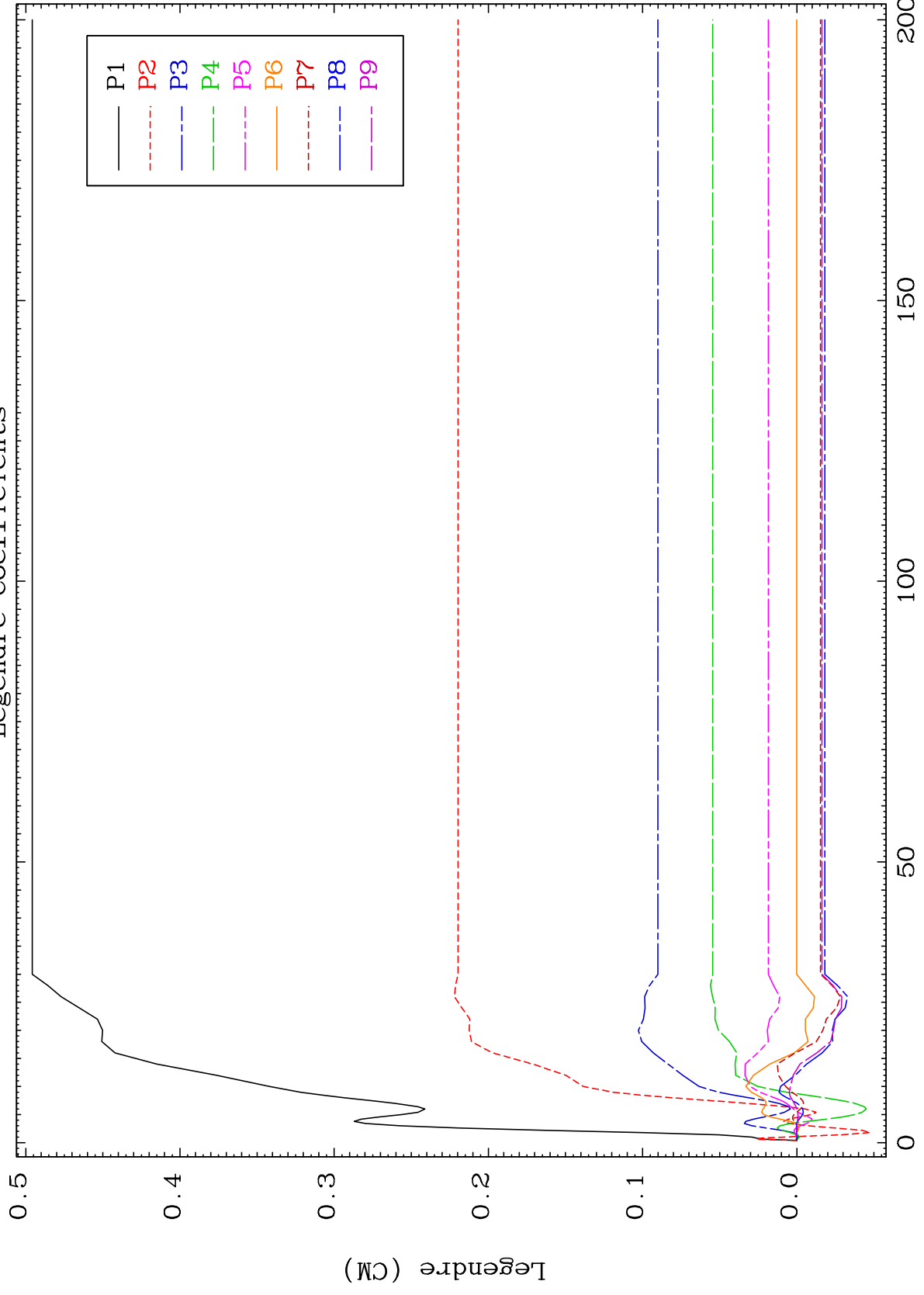
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



23

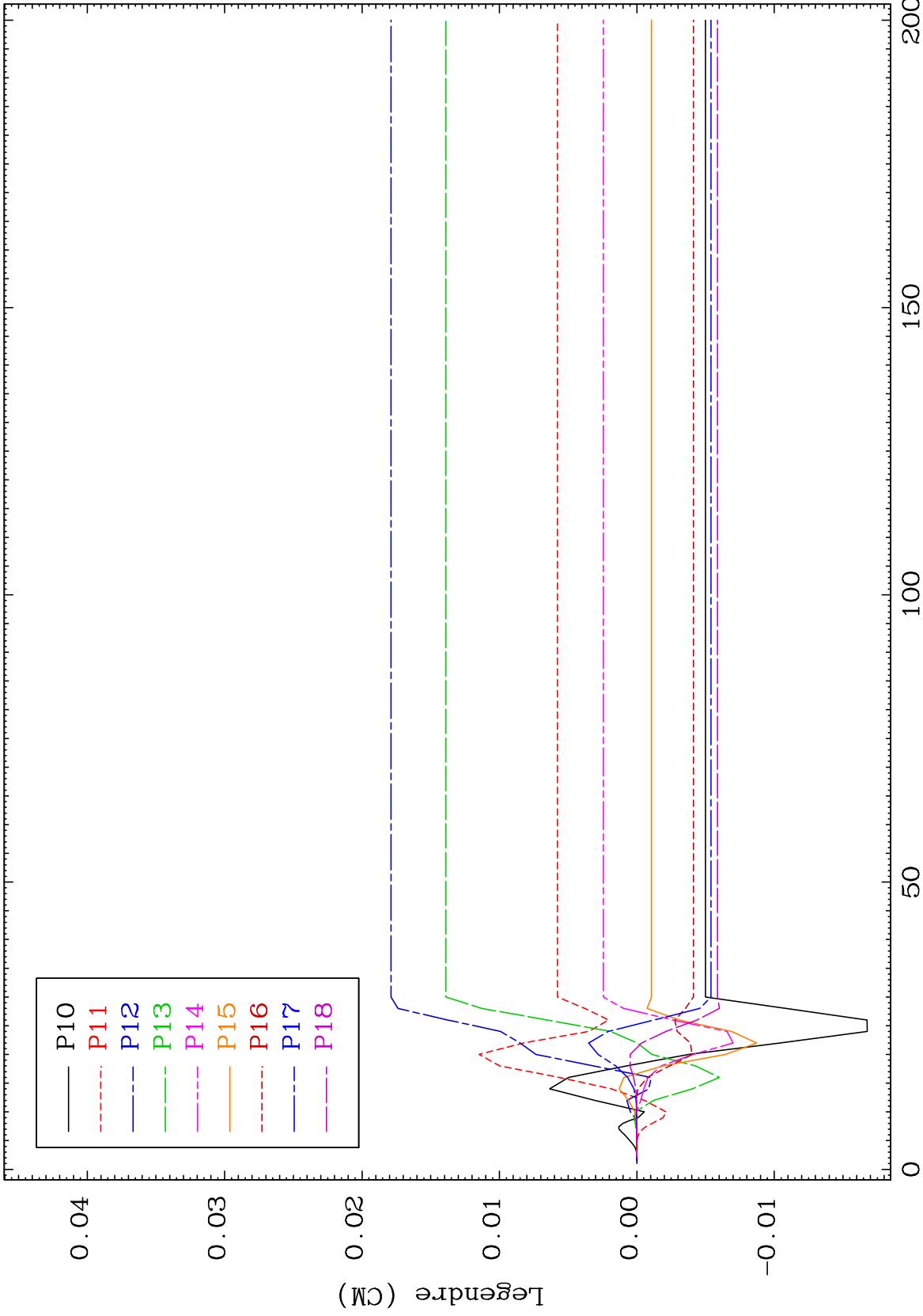
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



24

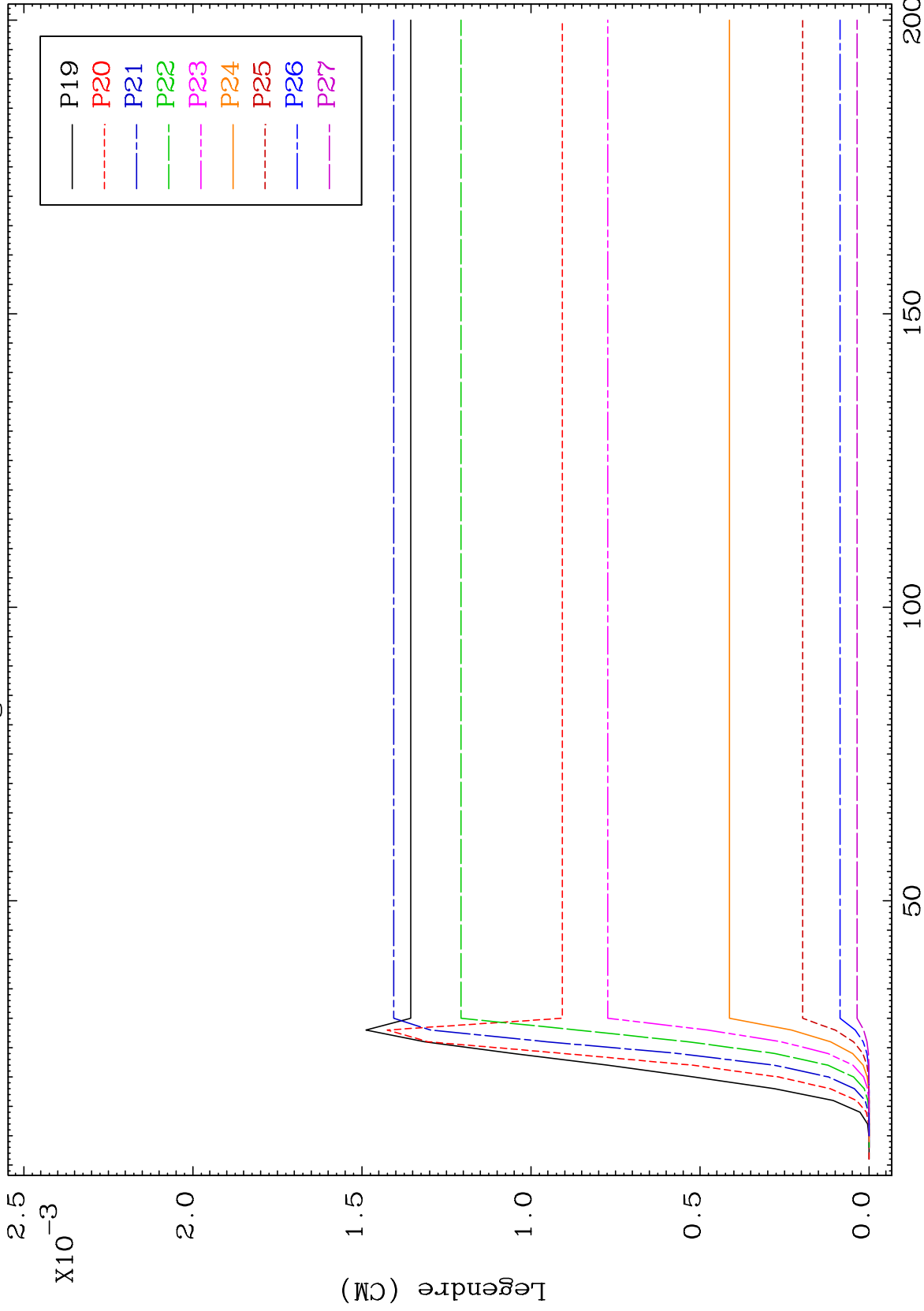
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



25

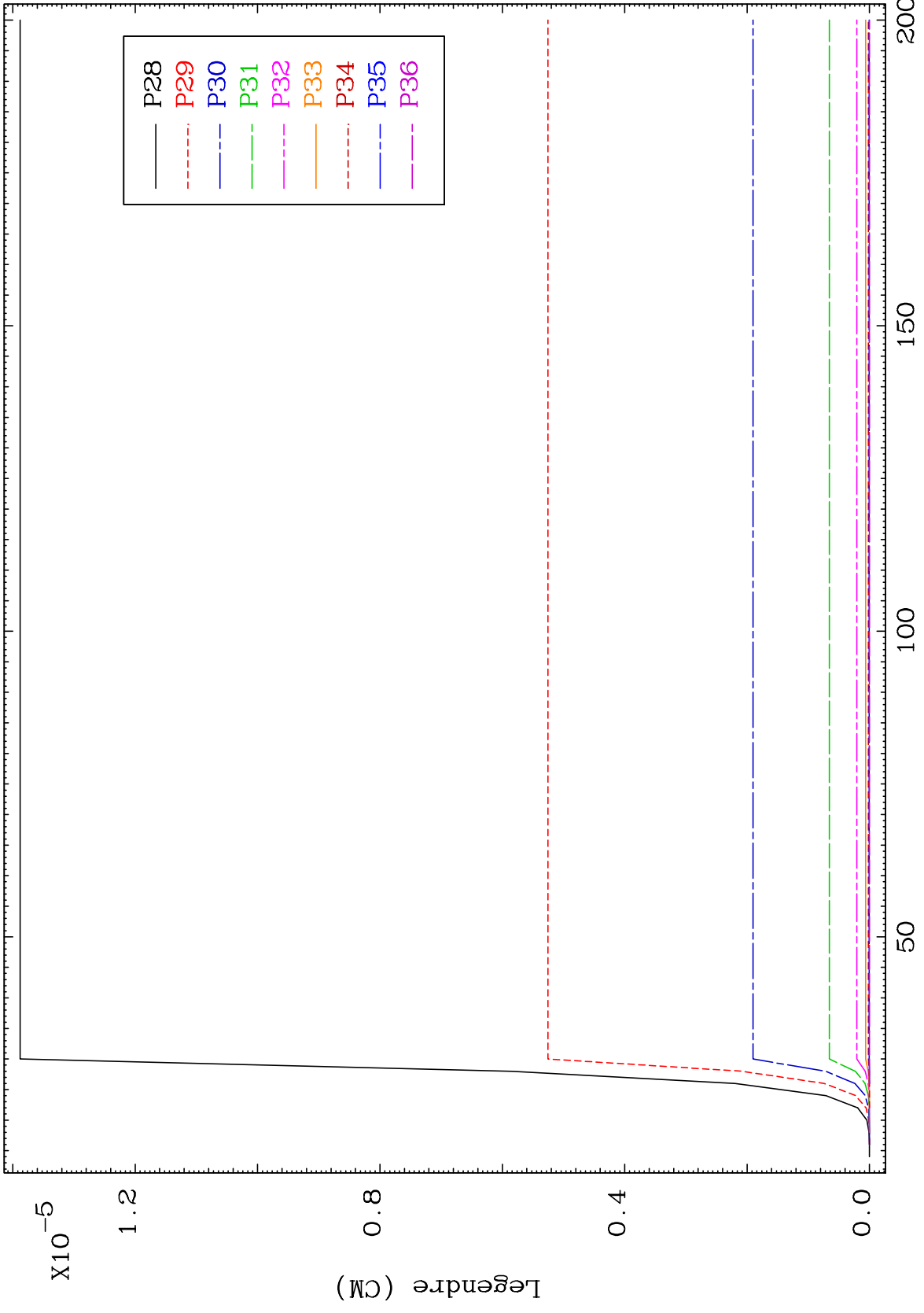
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172

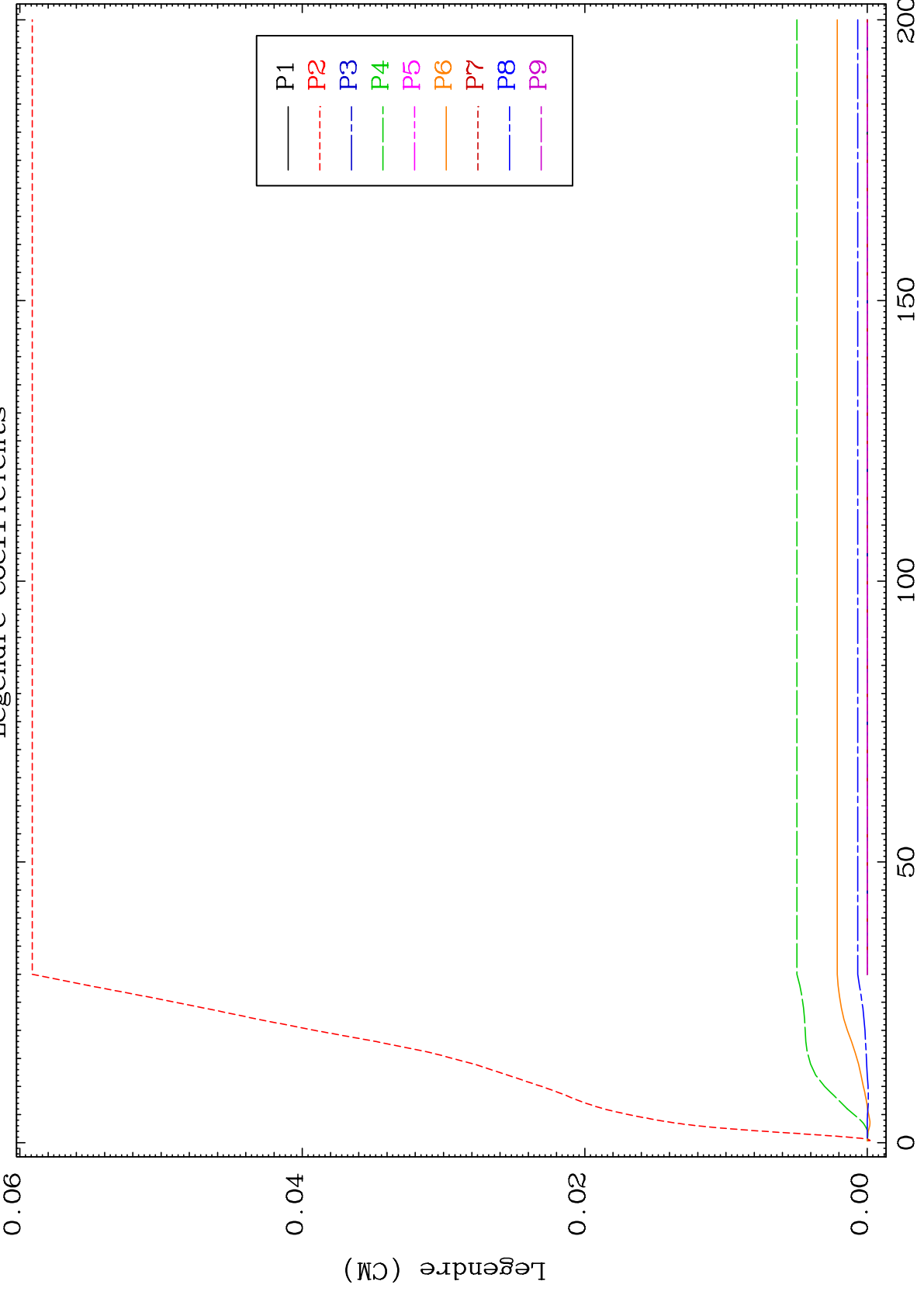


26

Incident Energy (MeV)

75-Re-172

MAT 7486 MT= 53 (n,n') Level Legendre Coefficients 75-Re-172

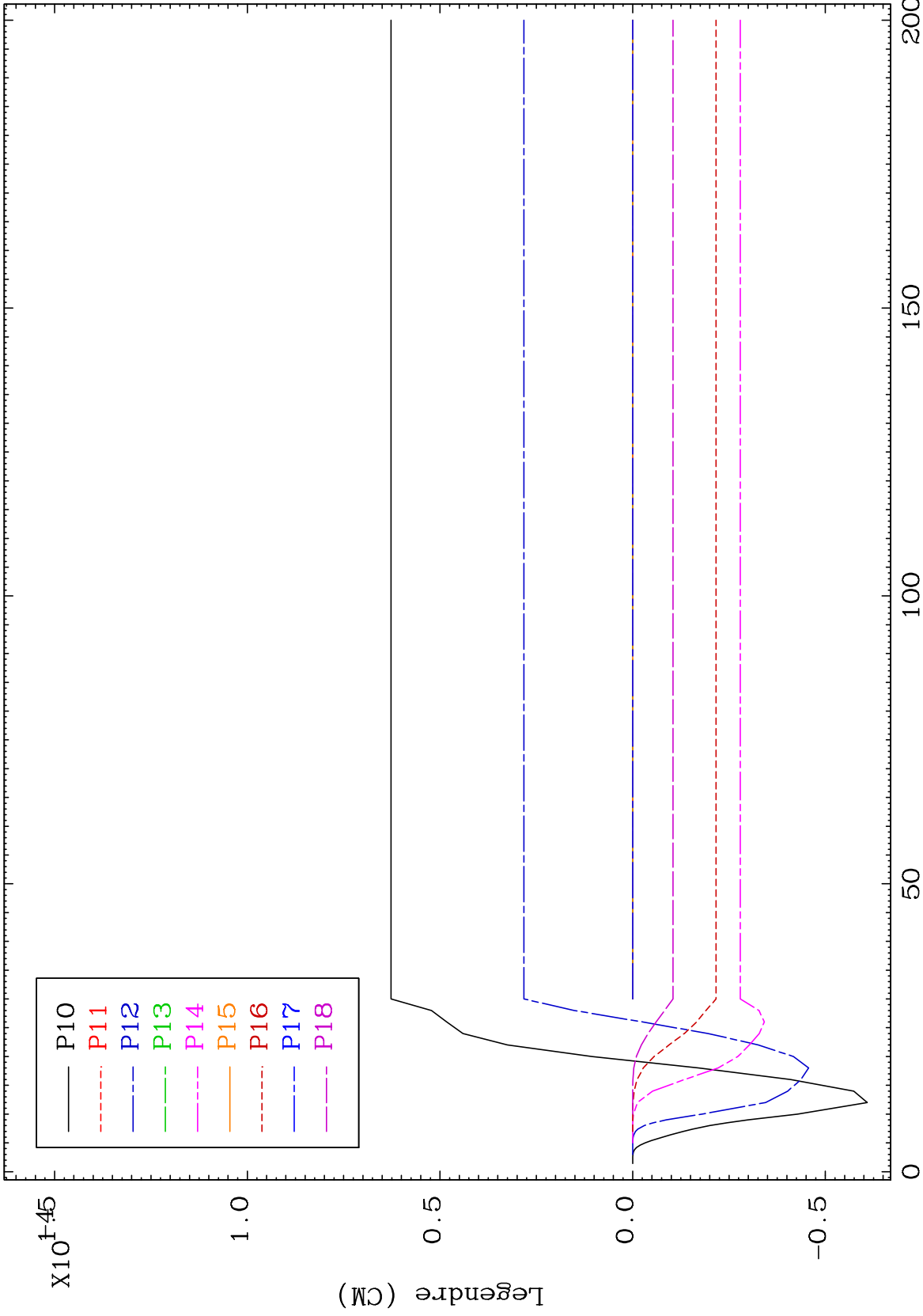


27 75-Re-172

MAT 7486

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

75-Re-172



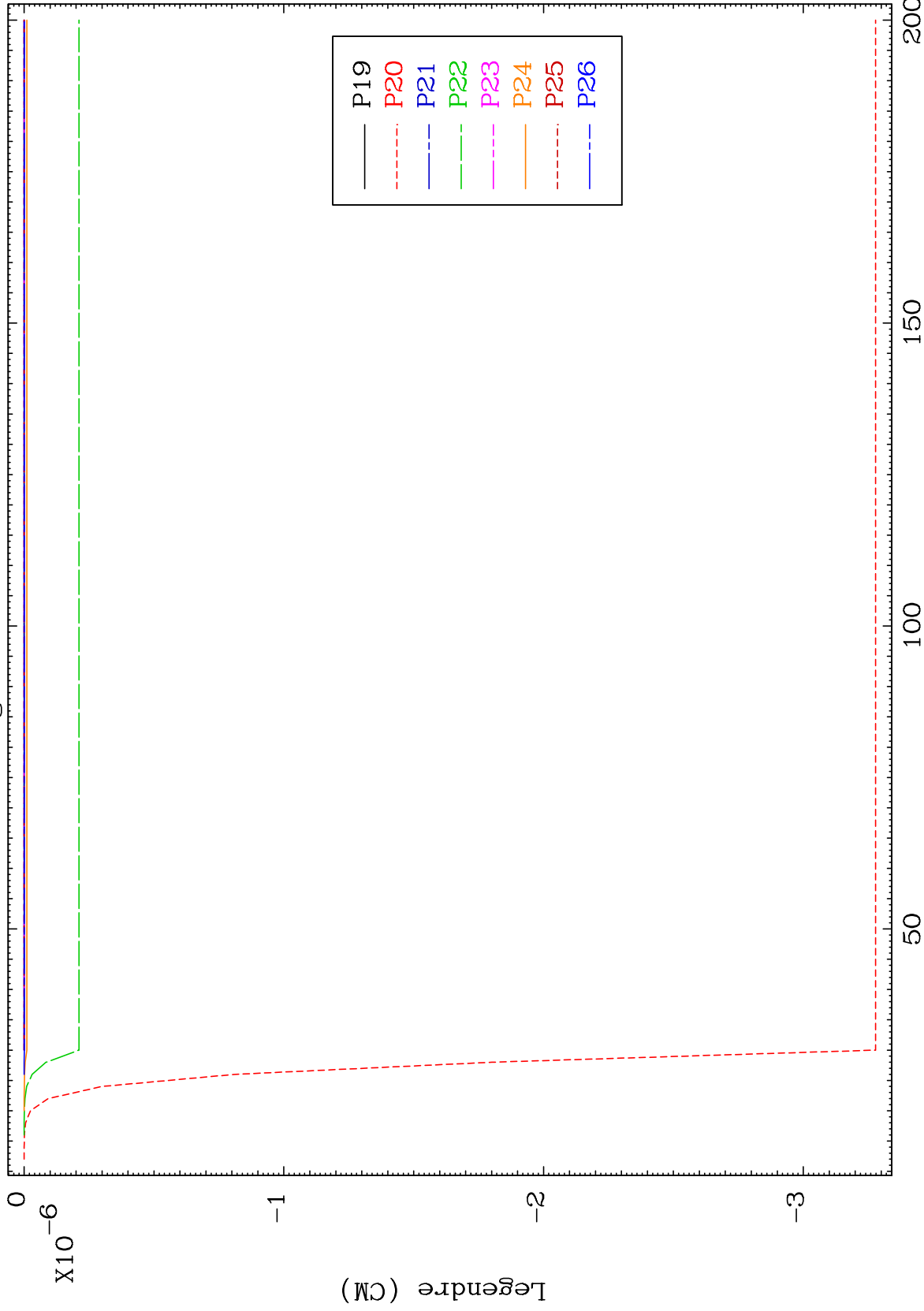
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75-Re-172

MAT 7486

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

75-Re-172



29

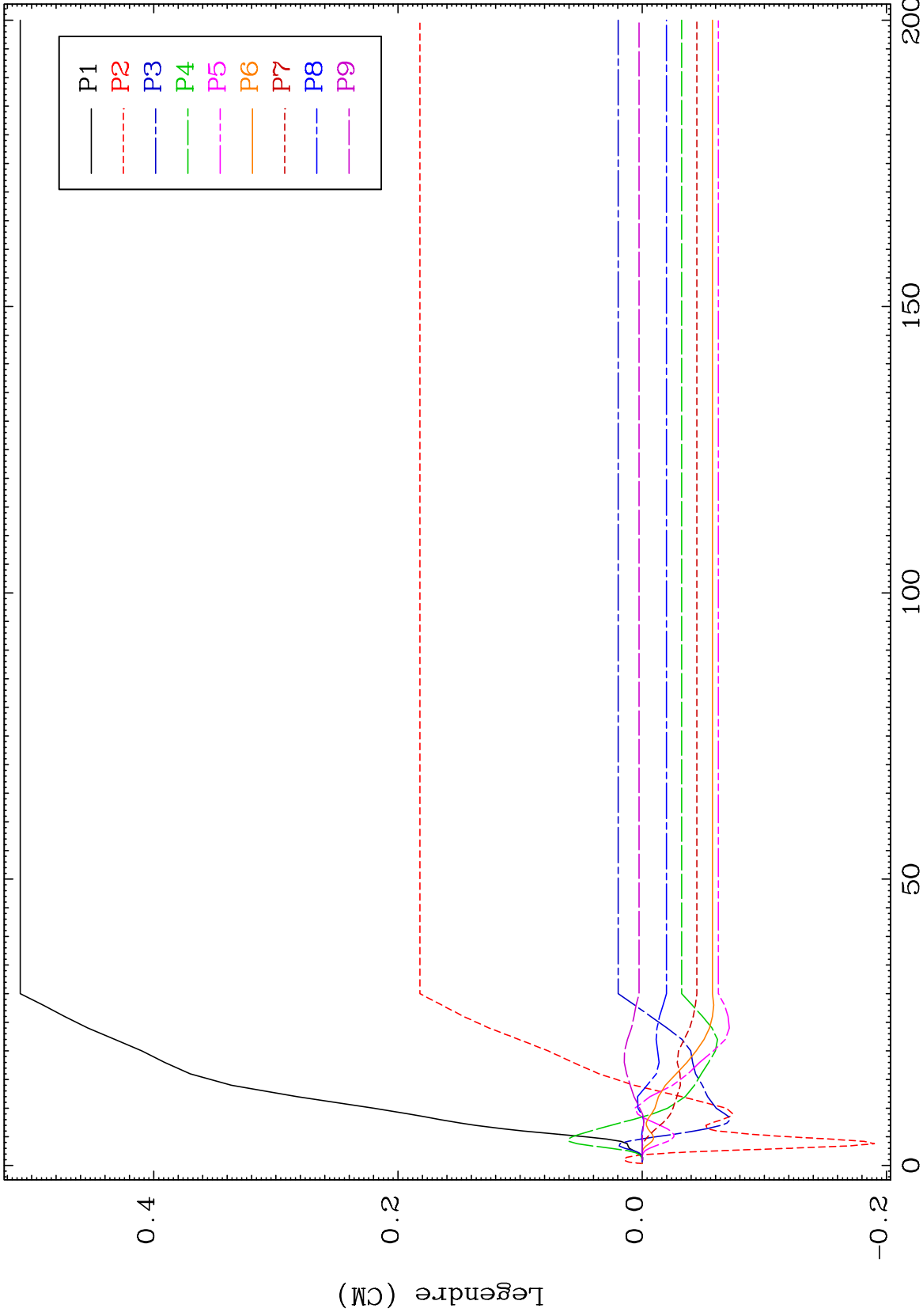
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



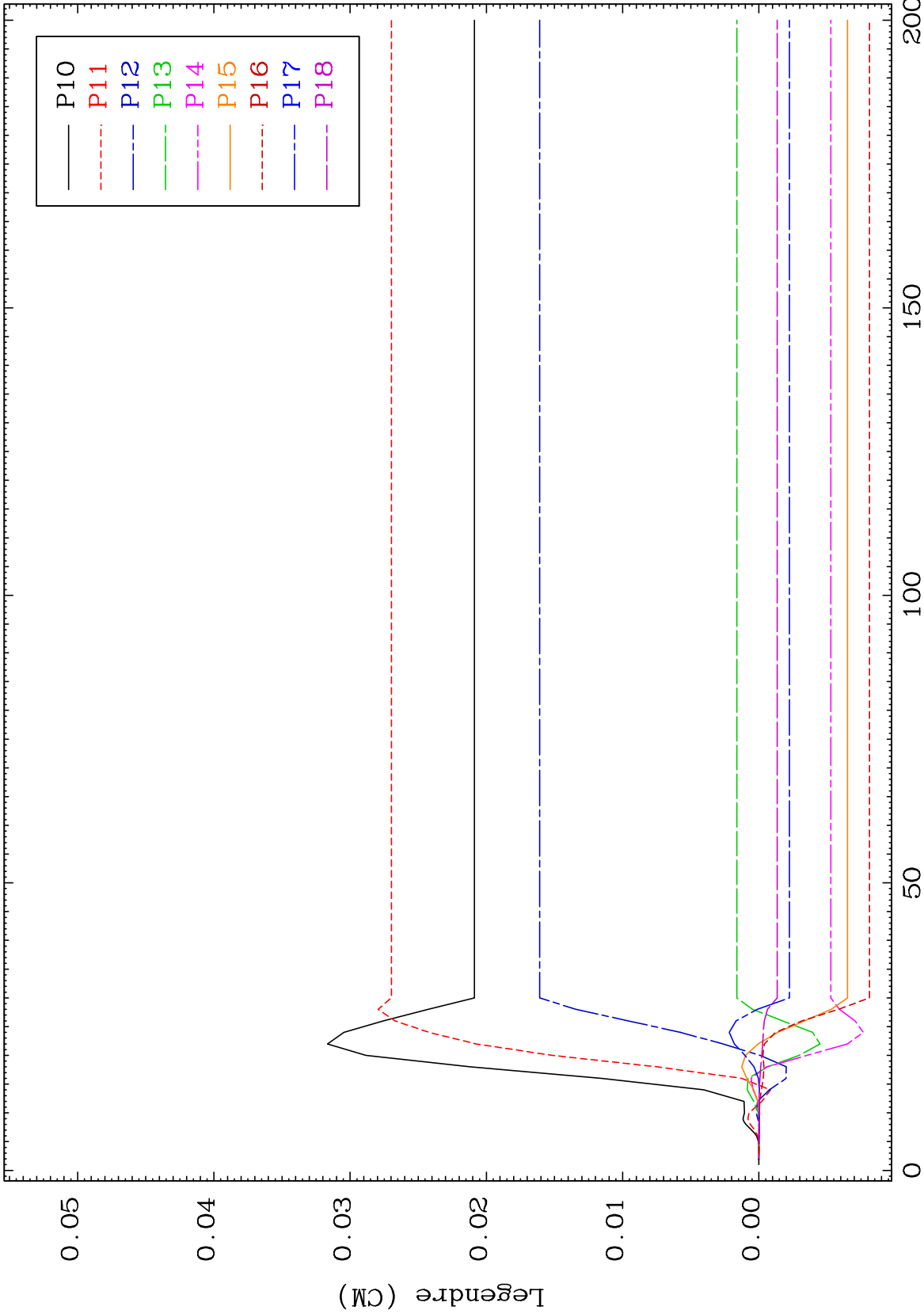
75-Re-172

Incident Energy (MeV)

MAT 7486

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

75-Re-172



31

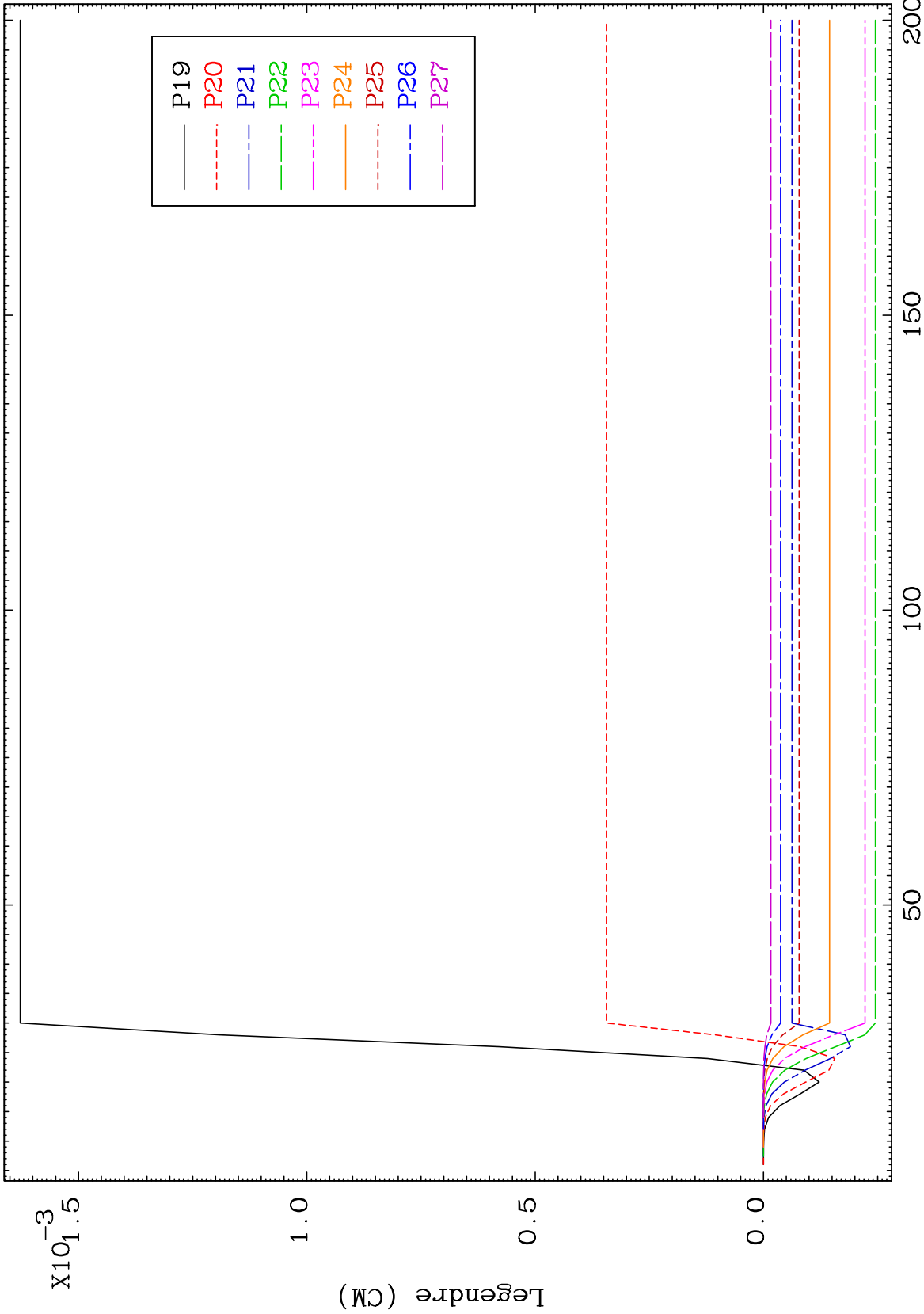
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



32

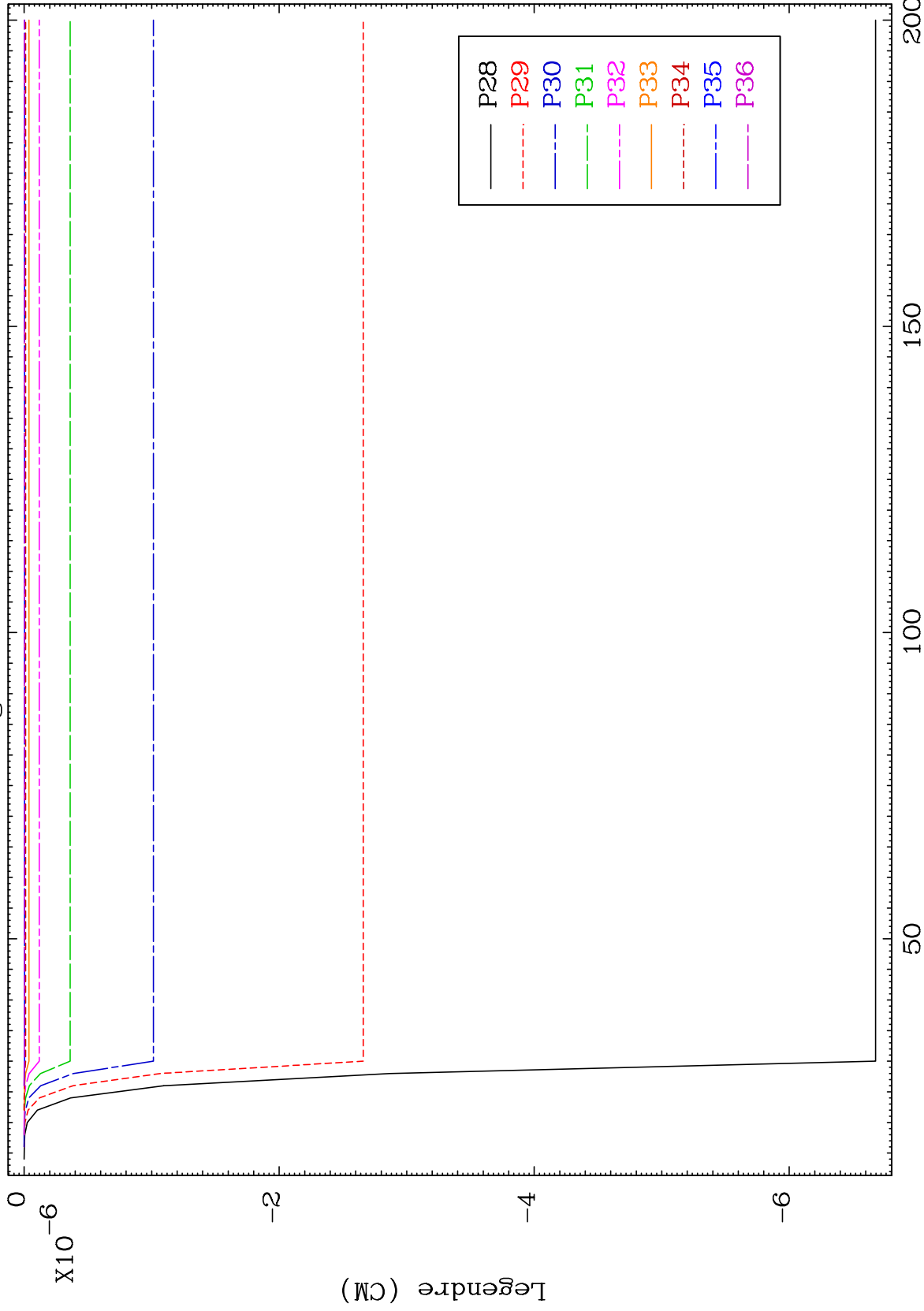
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



33

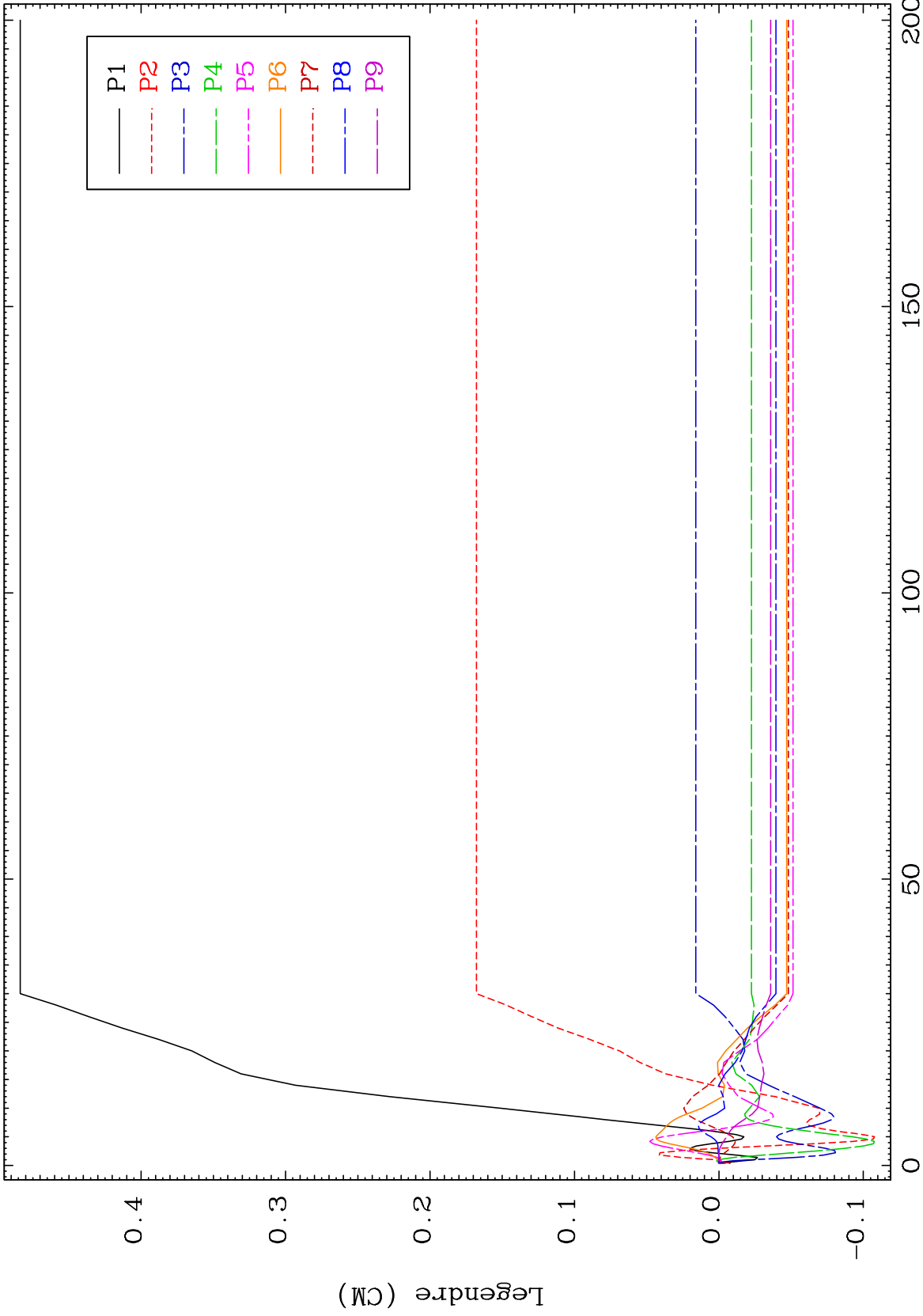
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



34

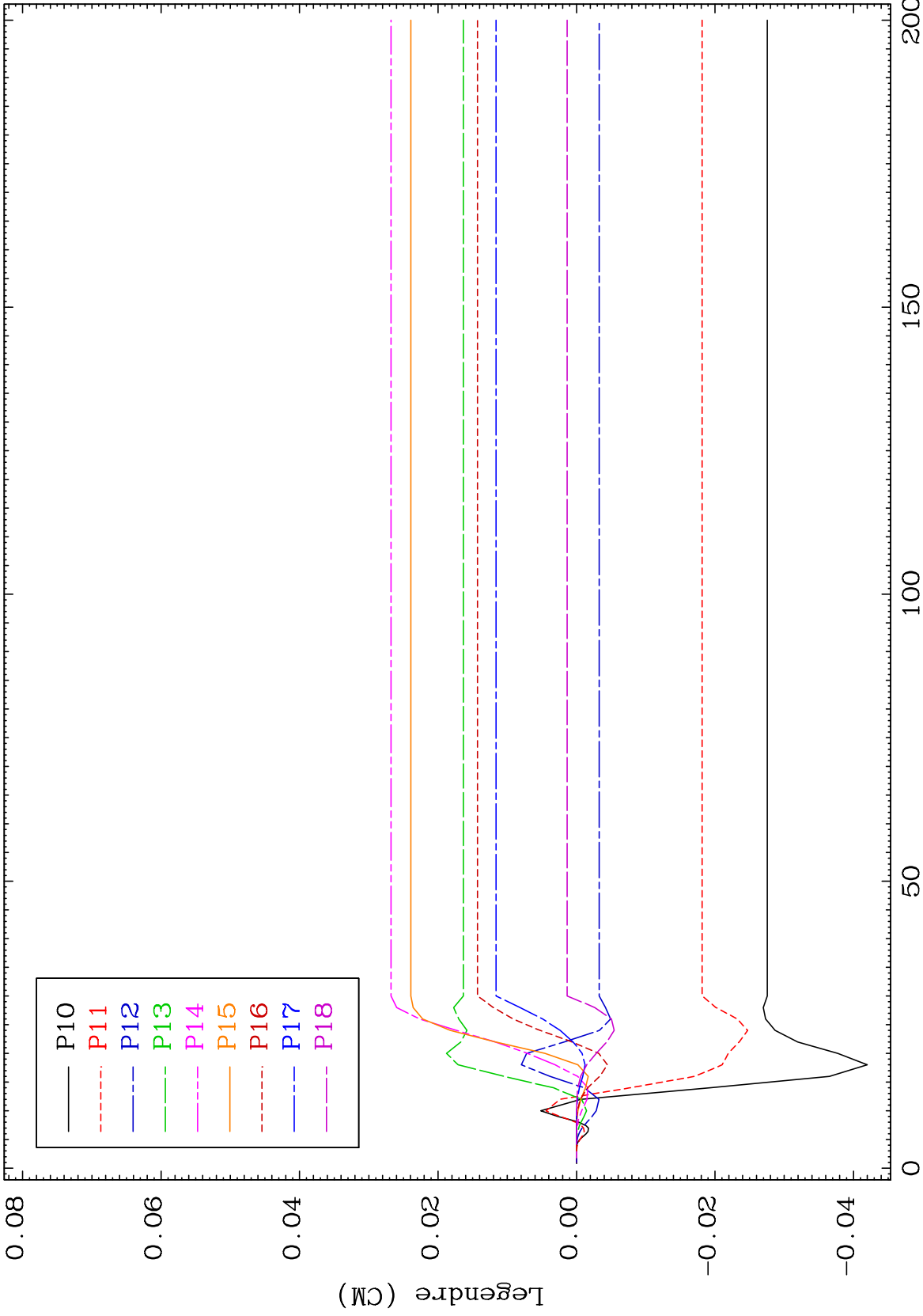
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



35

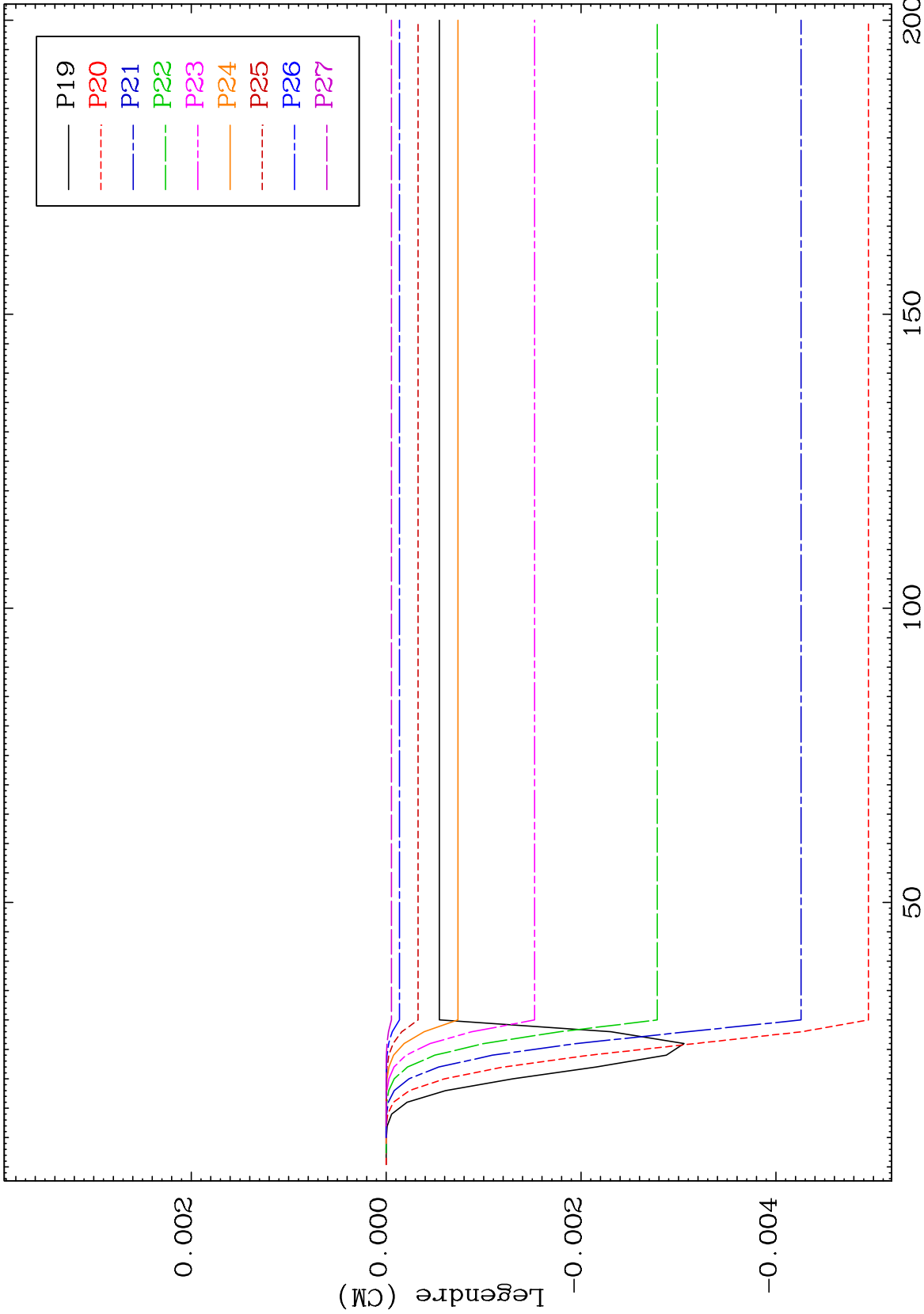
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



36

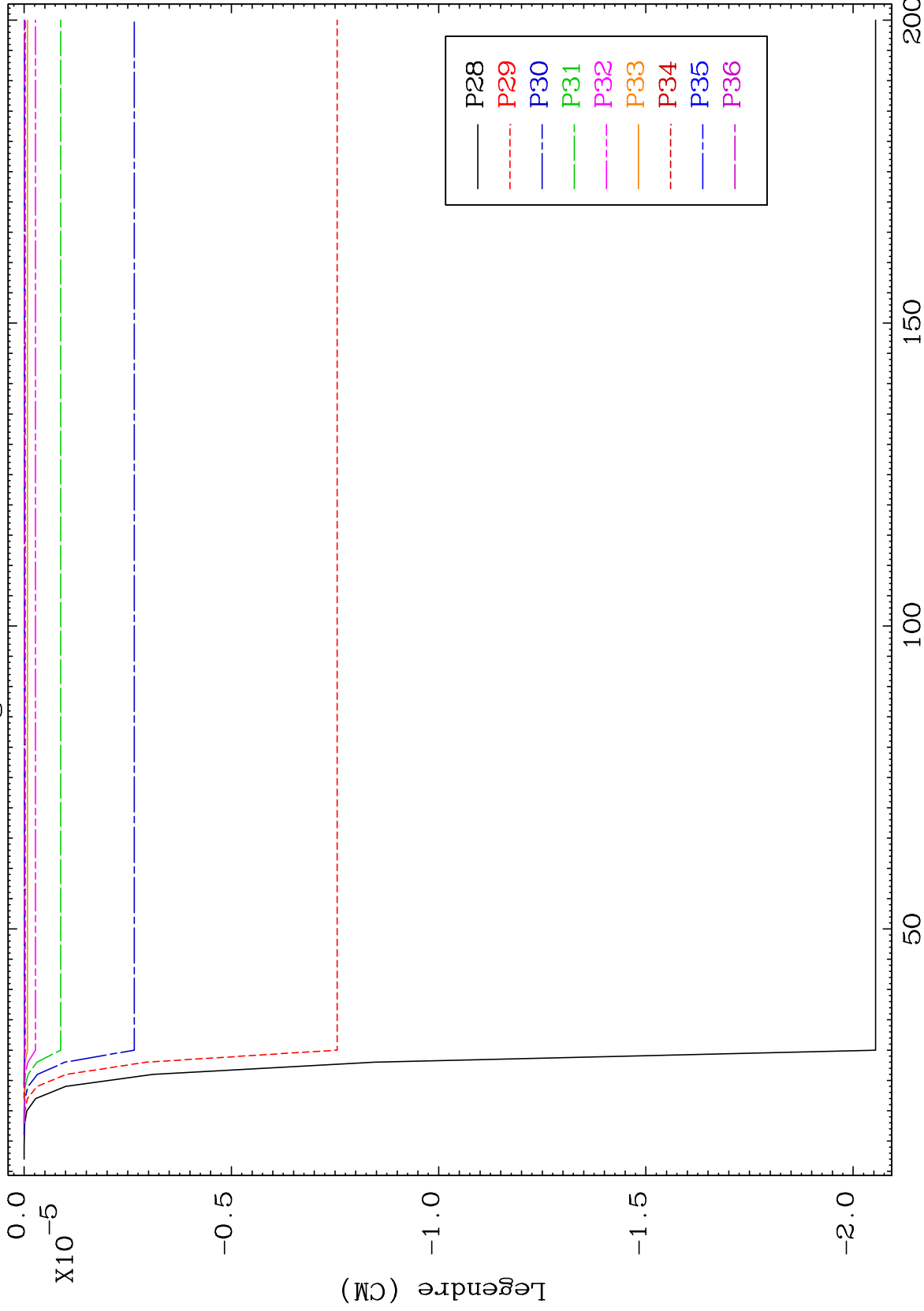
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



75-Re-172

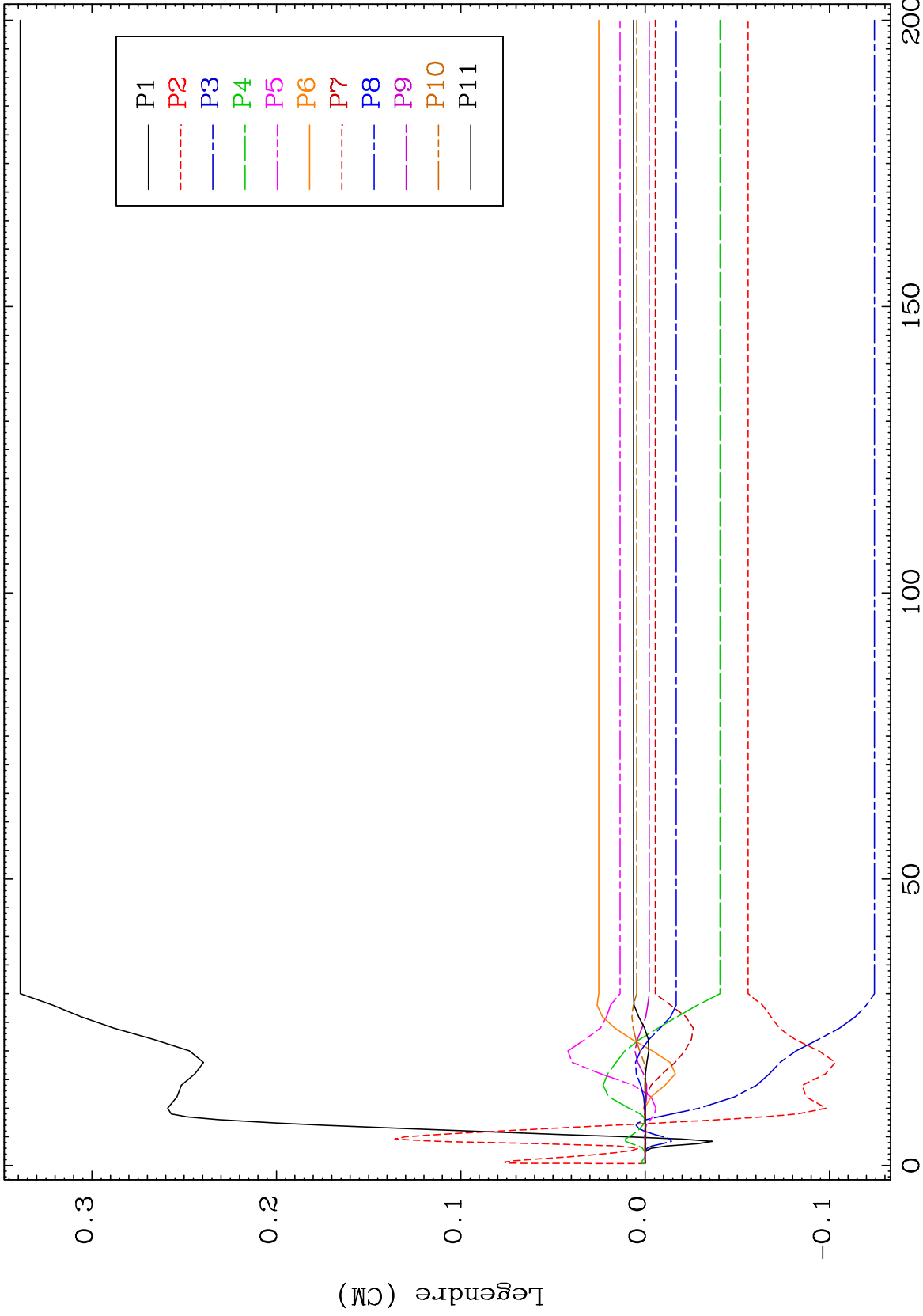
Incident Energy (MeV)

37

MAT 7486

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

75-Re-172



38

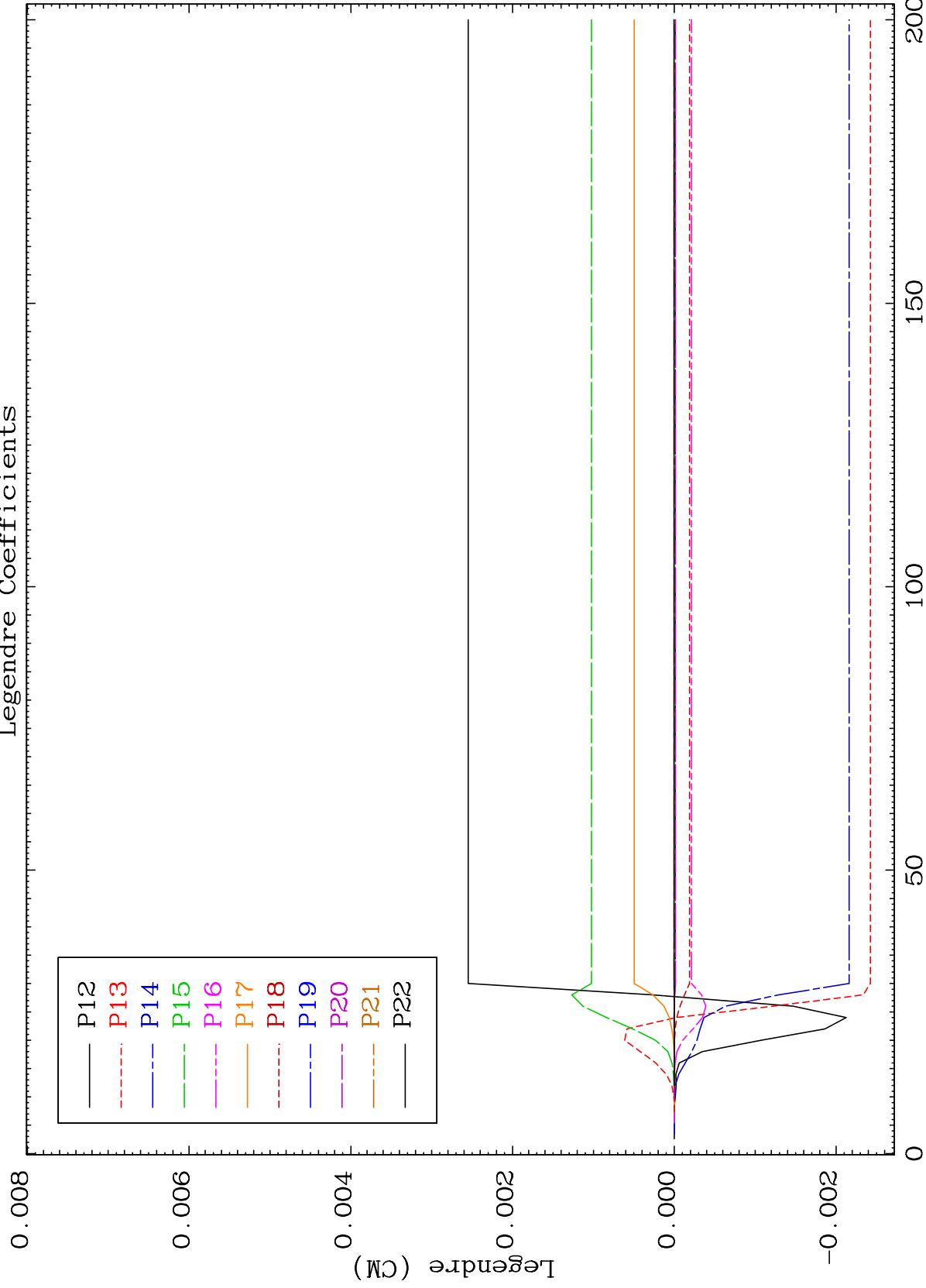
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



39

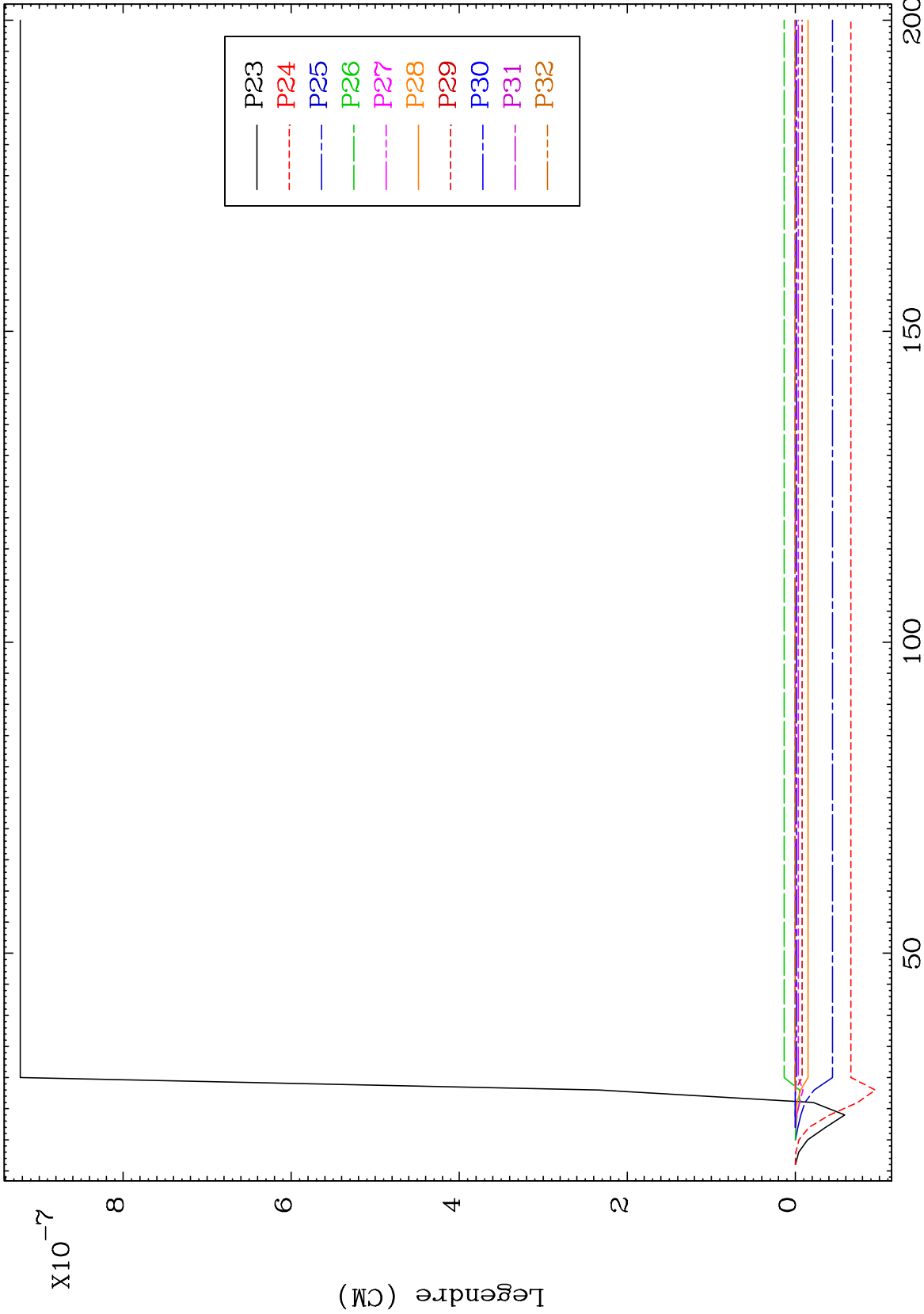
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



40

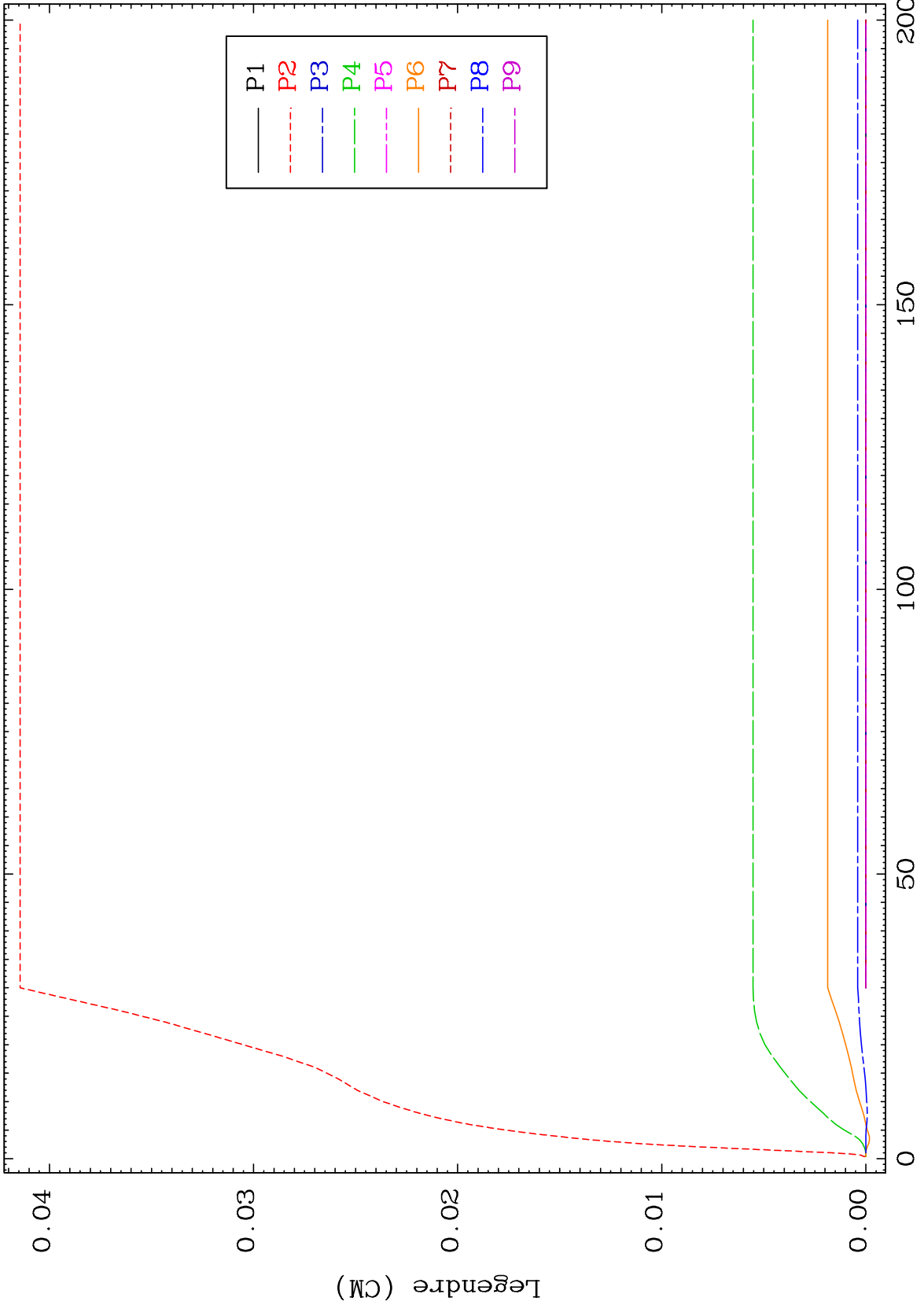
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



41

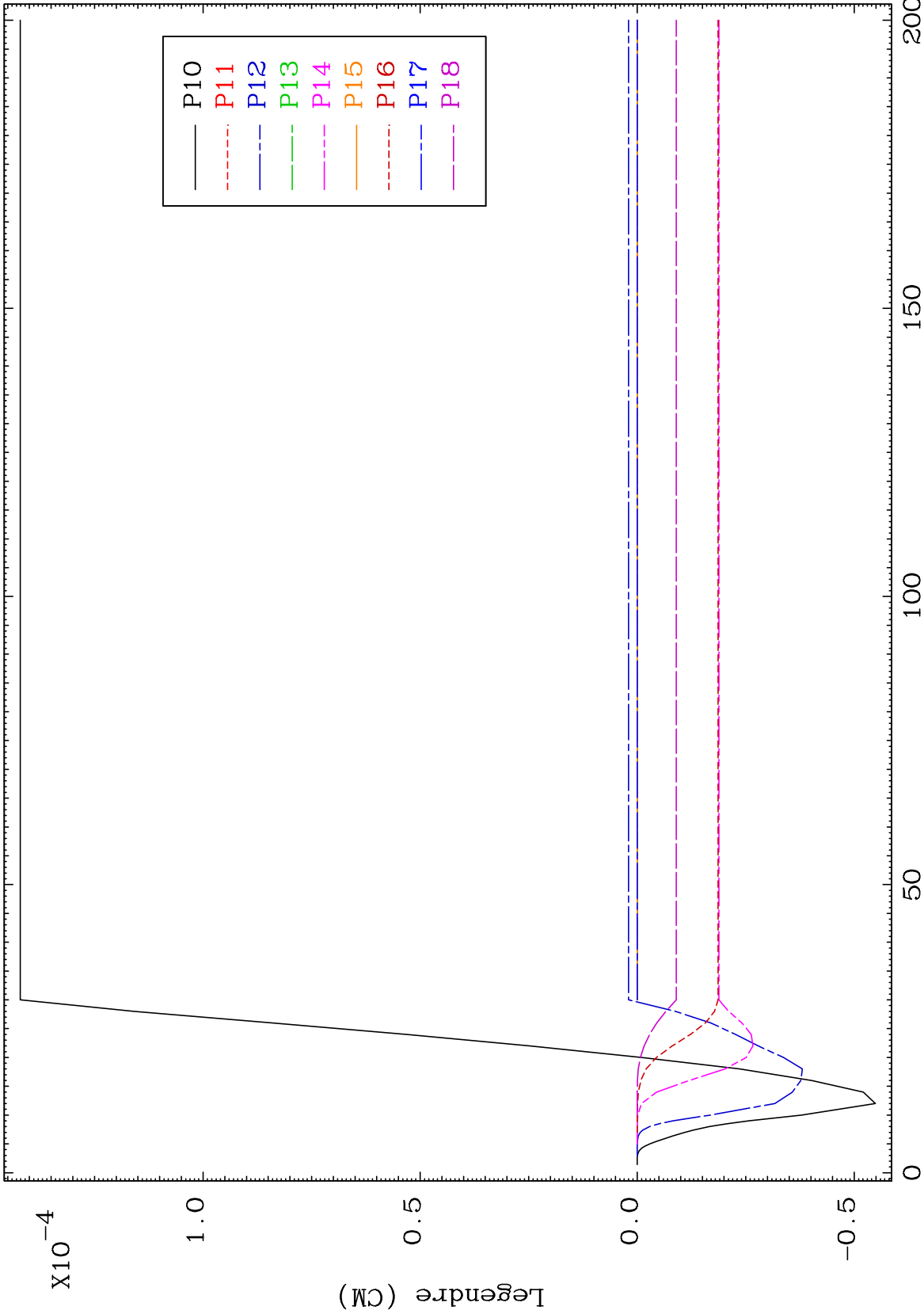
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



42

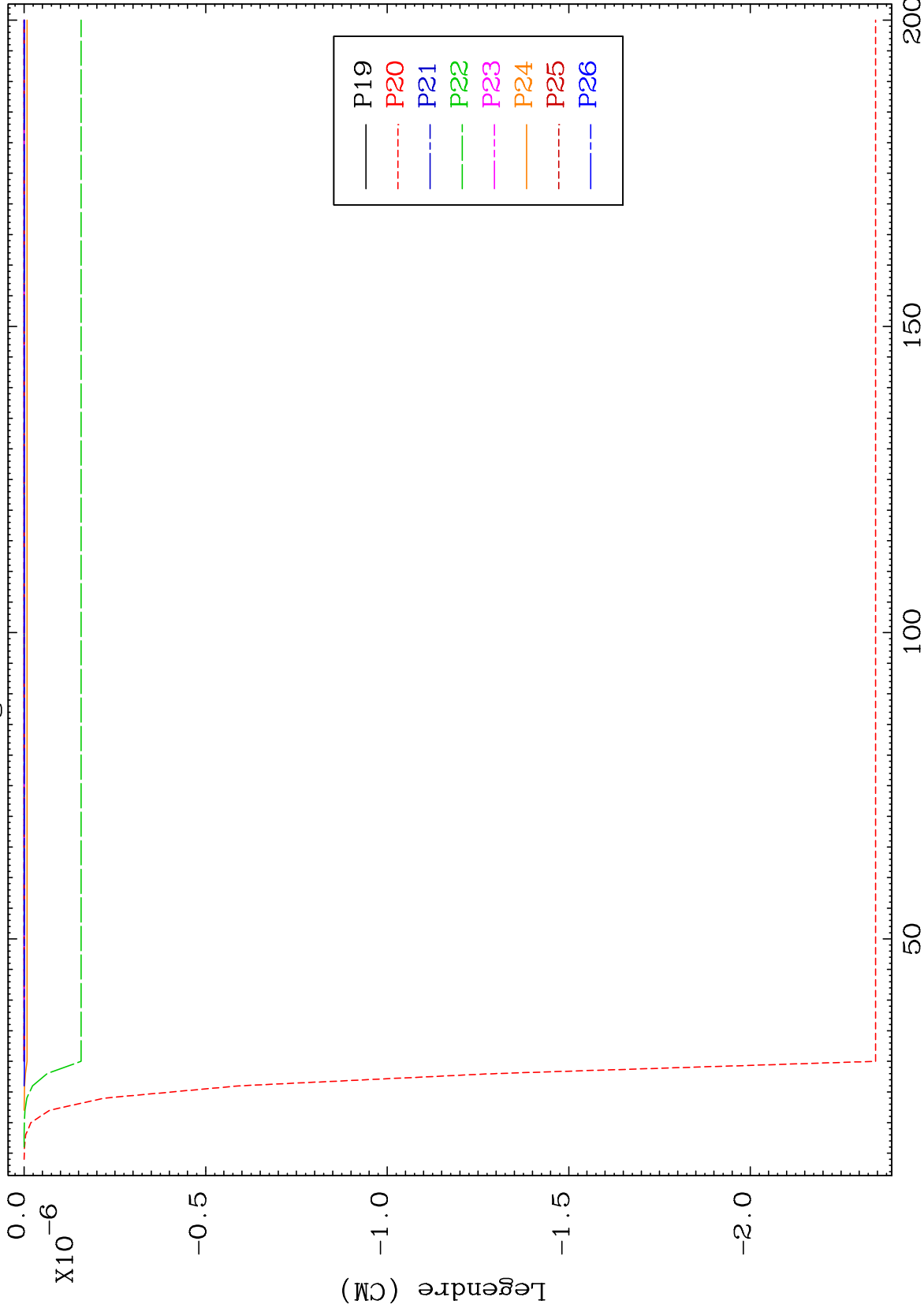
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



43

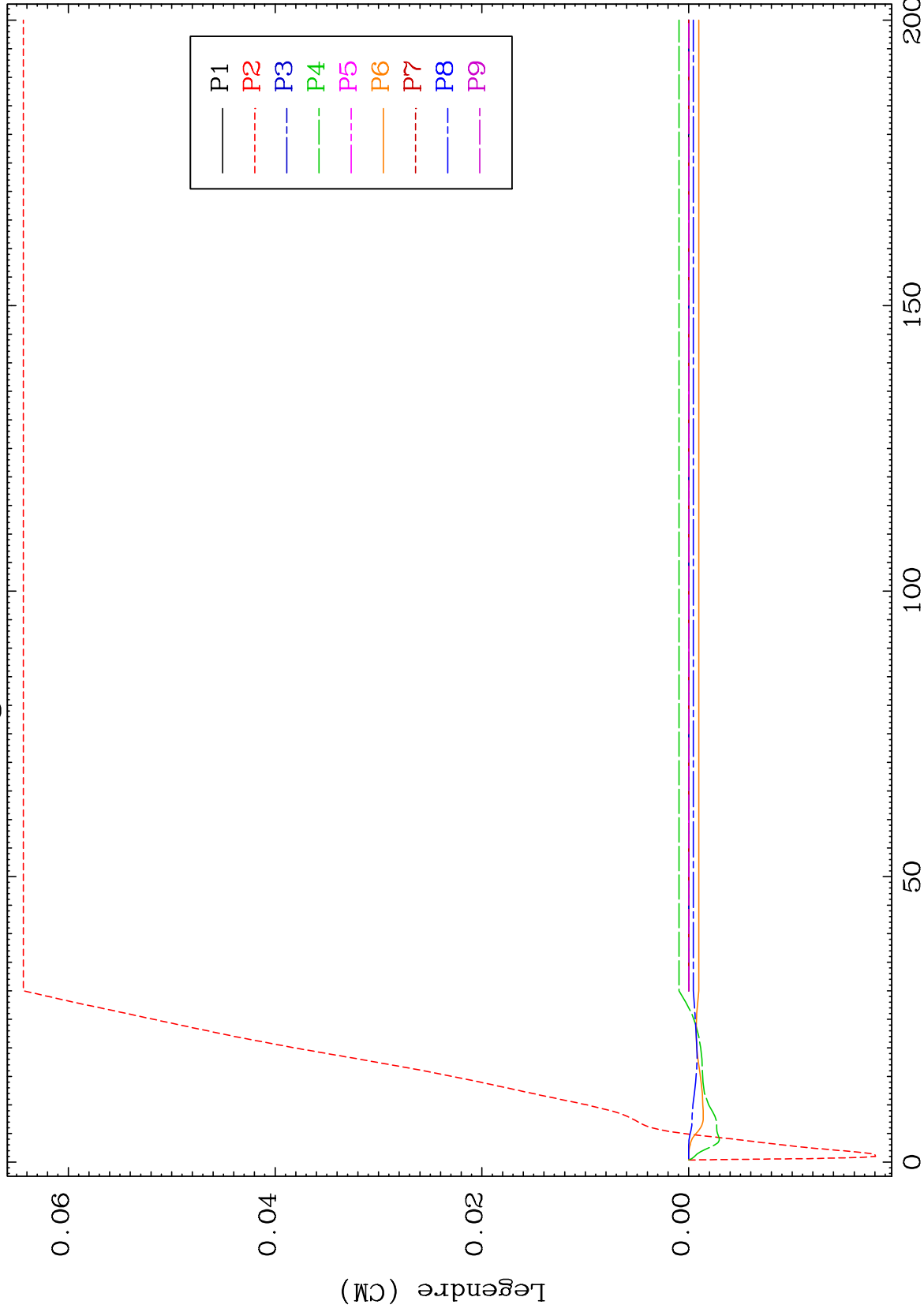
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



44

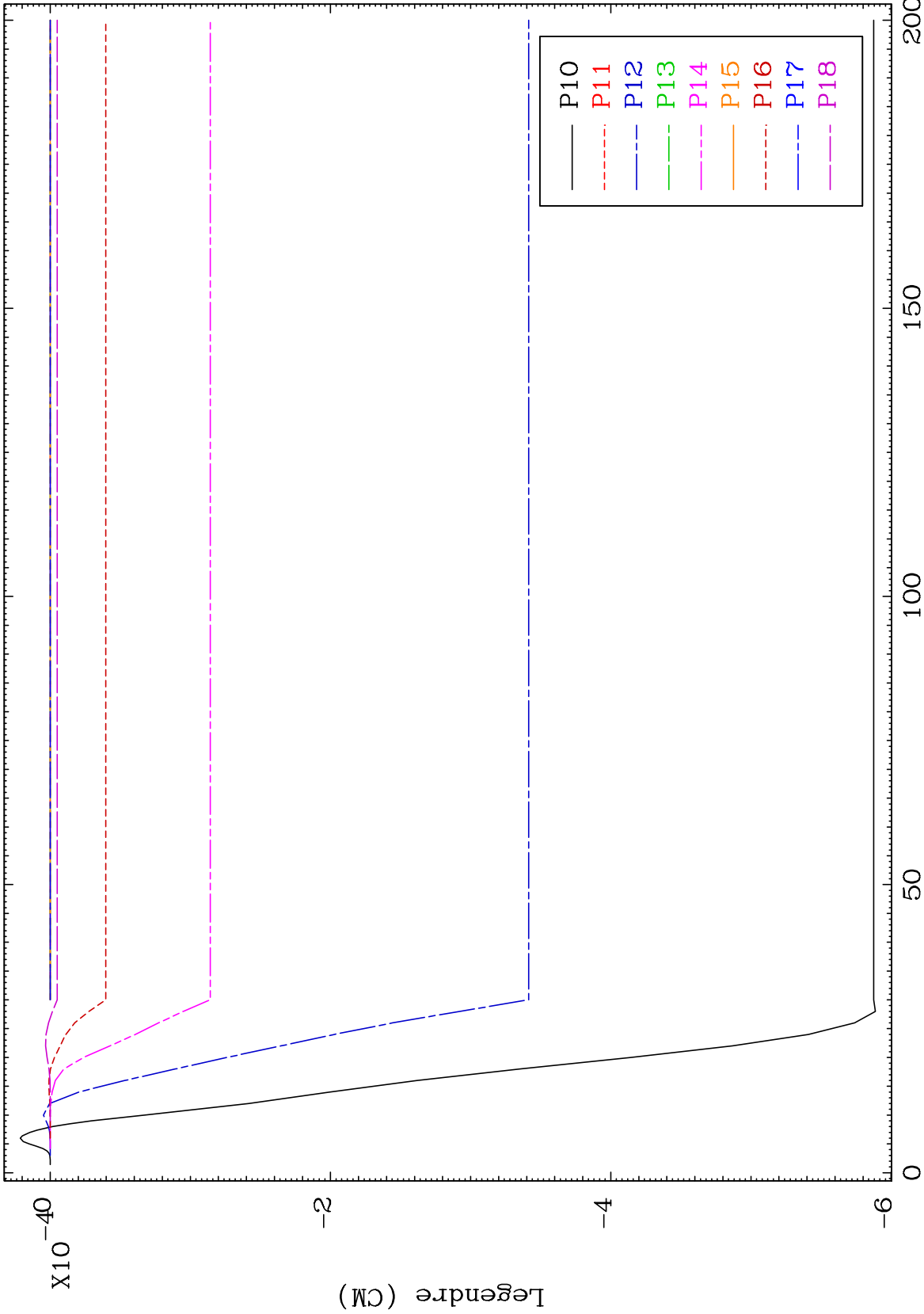
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



45

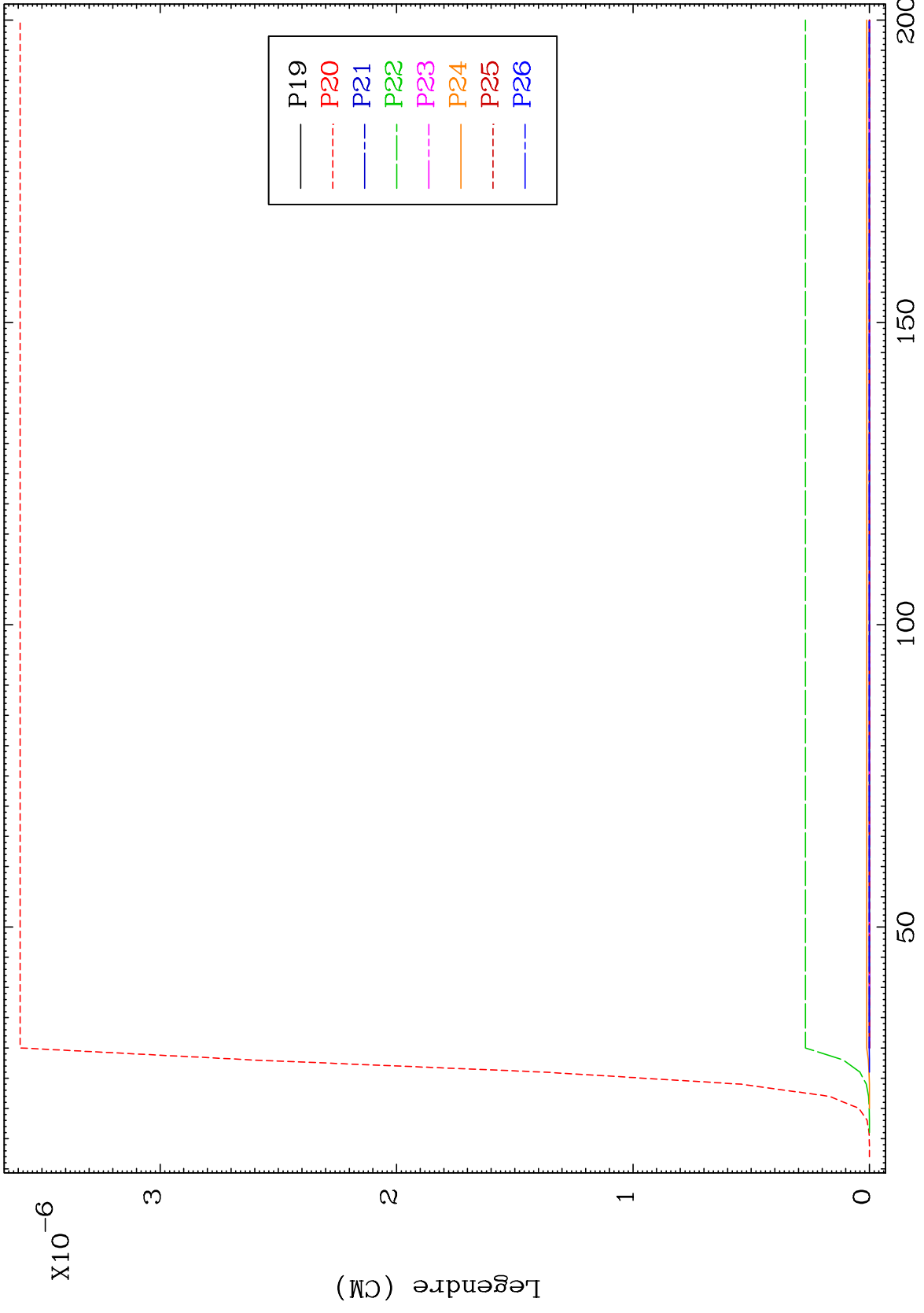
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



46

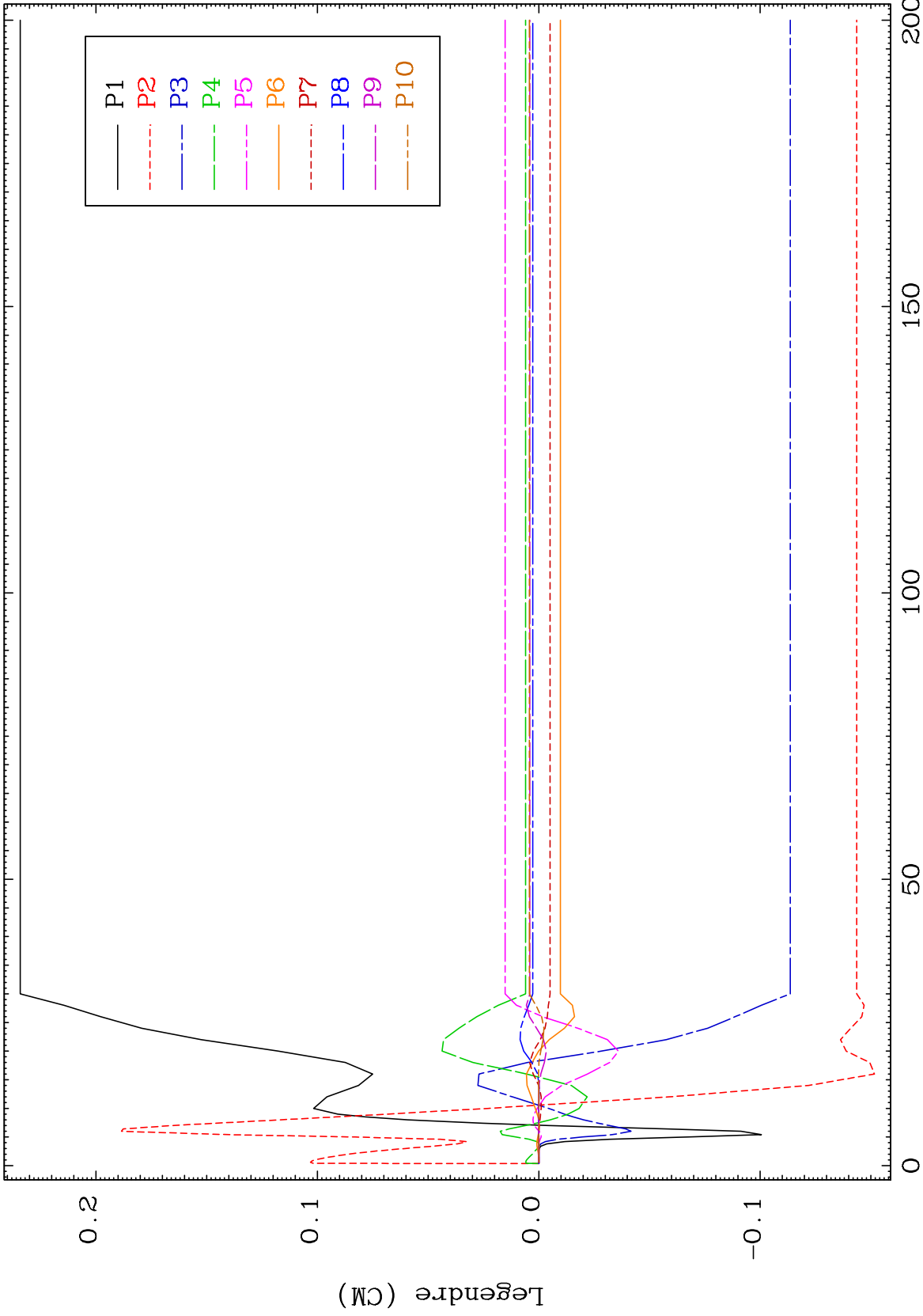
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



47

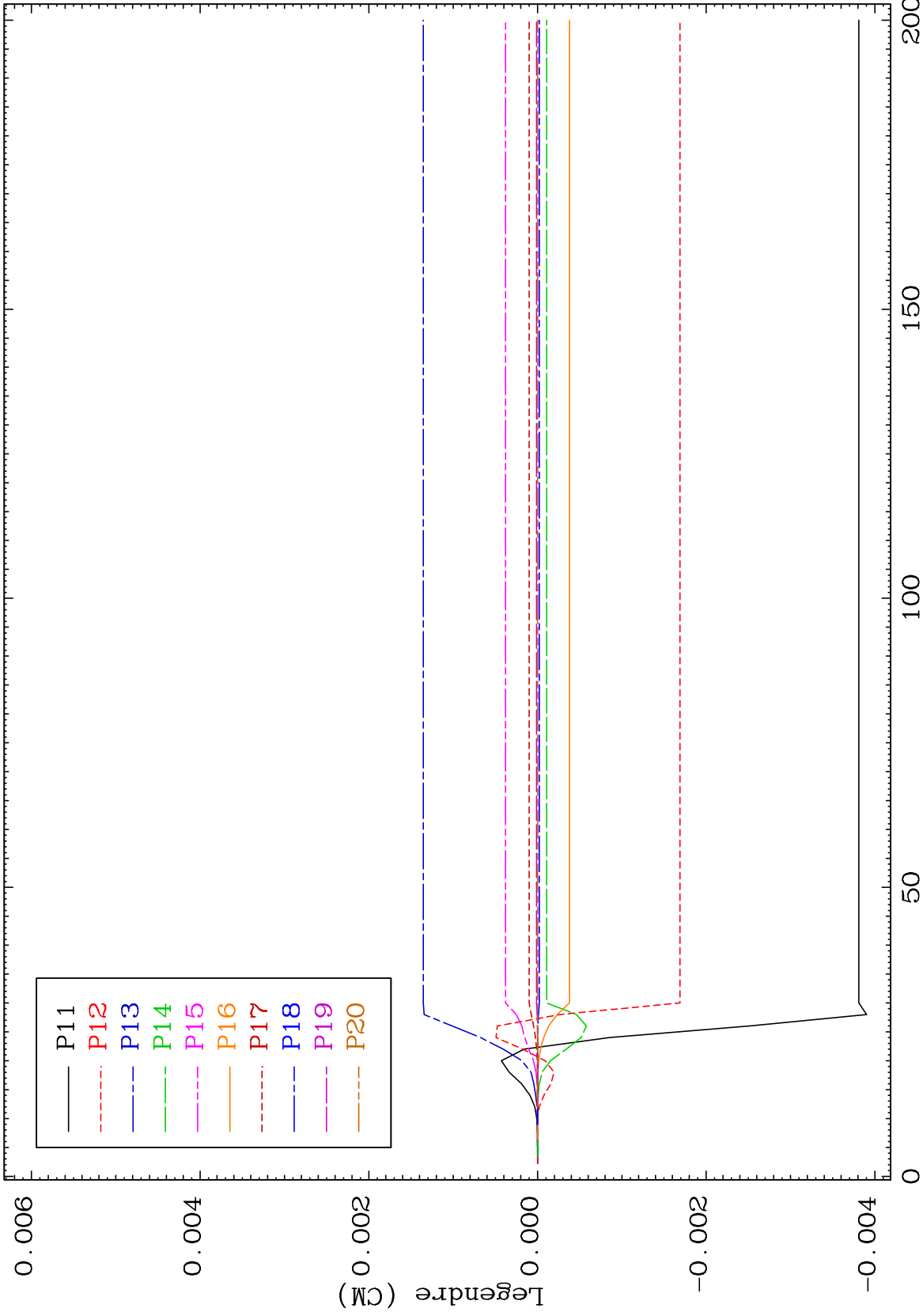
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



48

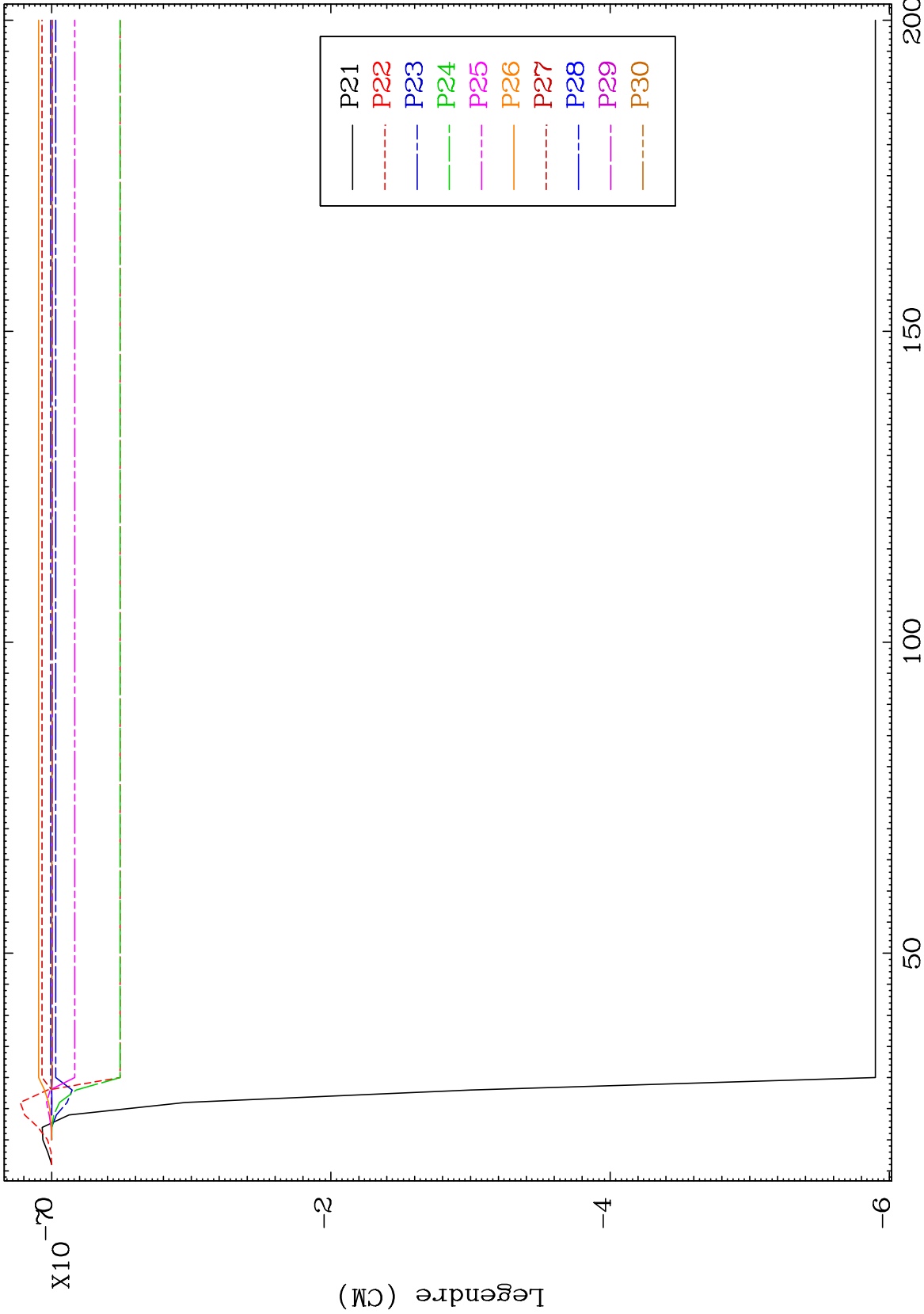
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



49

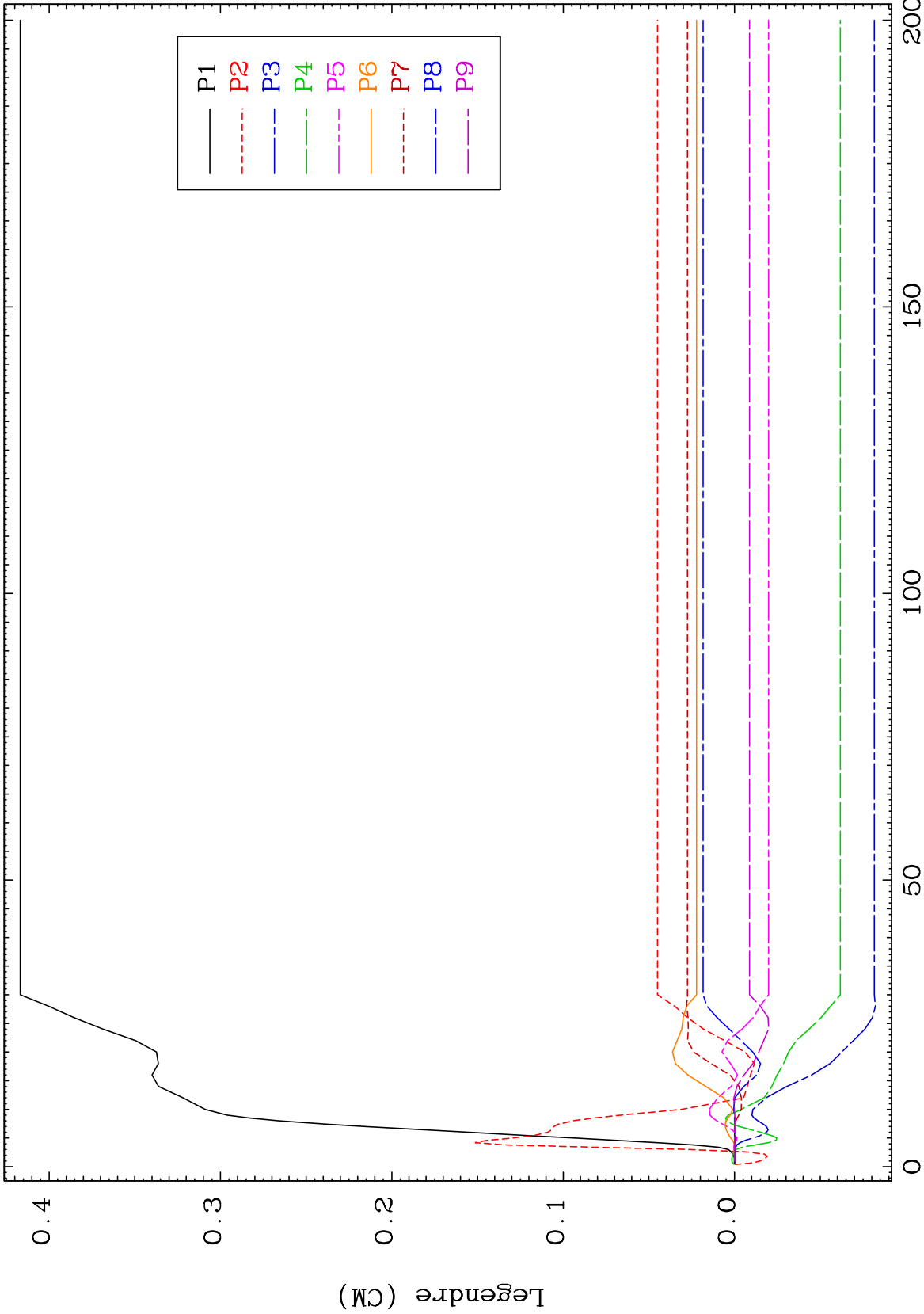
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



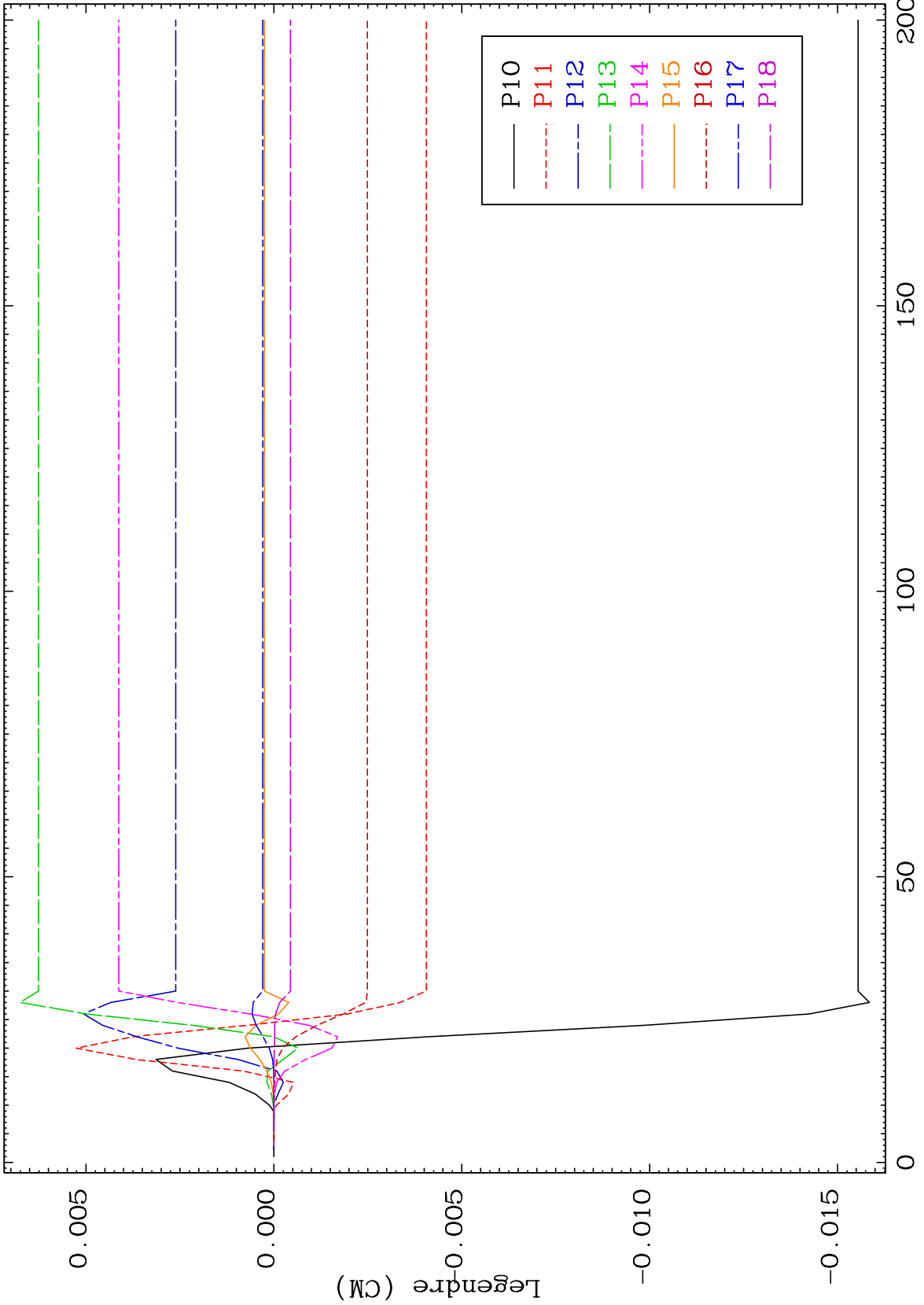
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



51

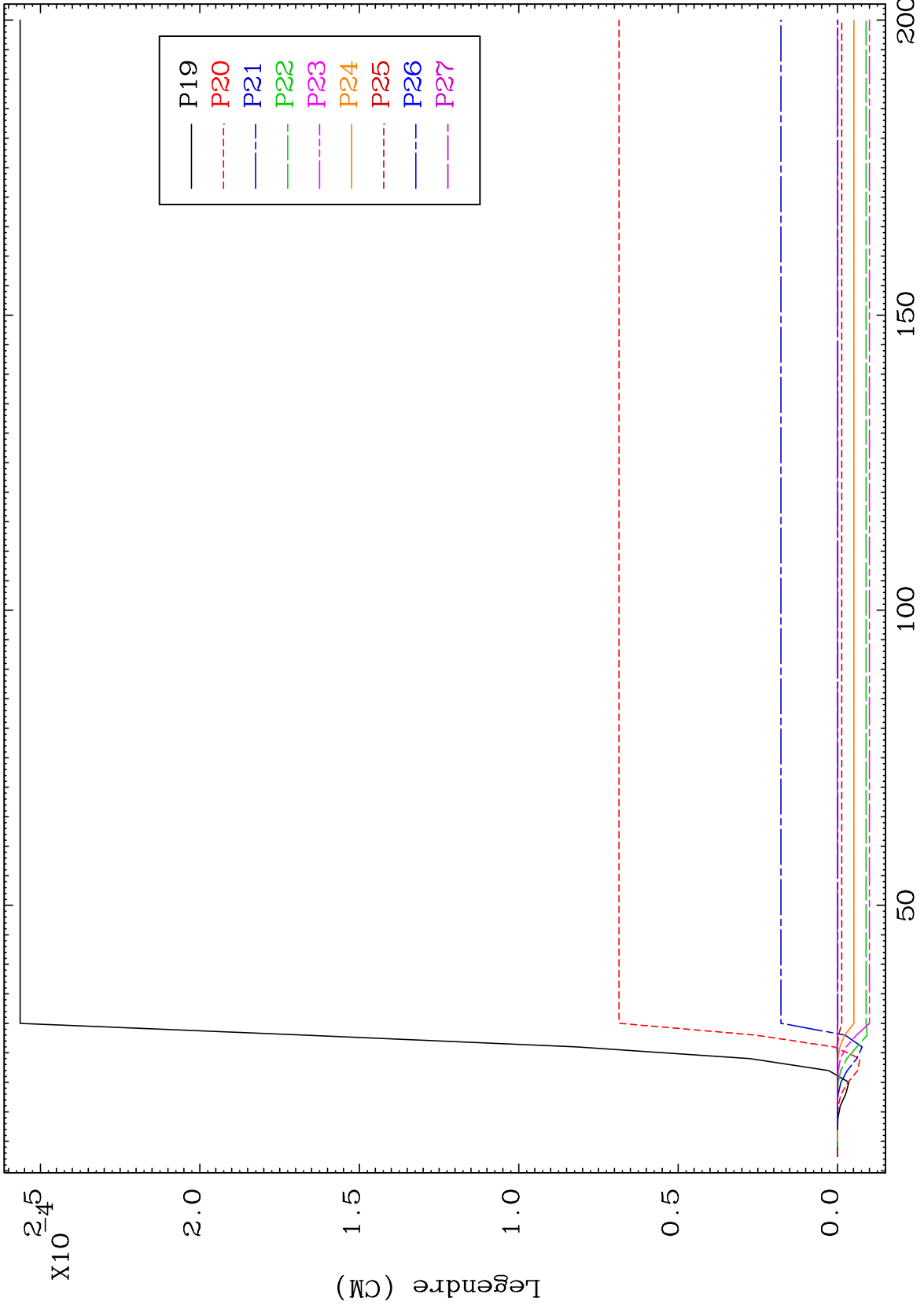
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



52

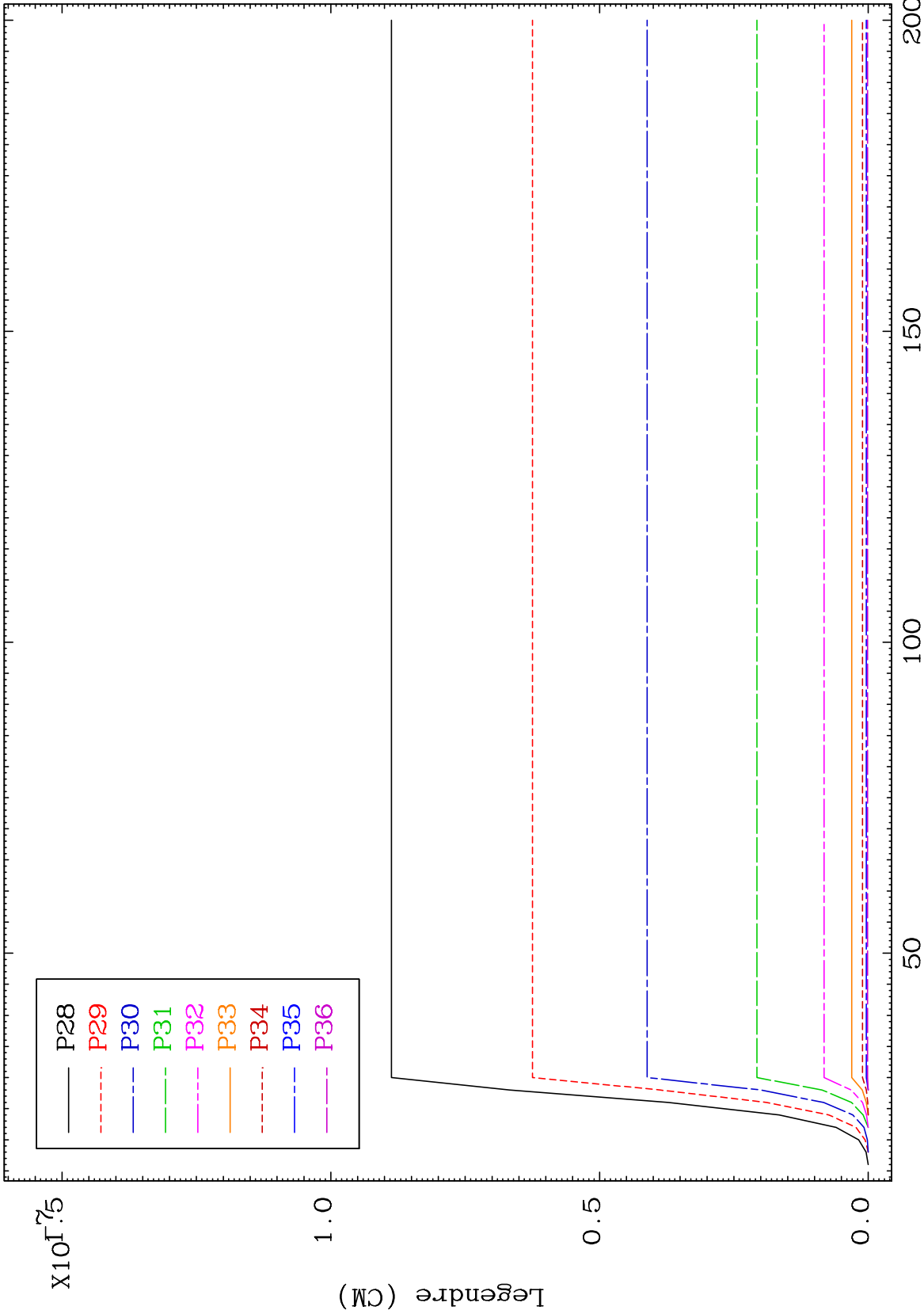
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



53

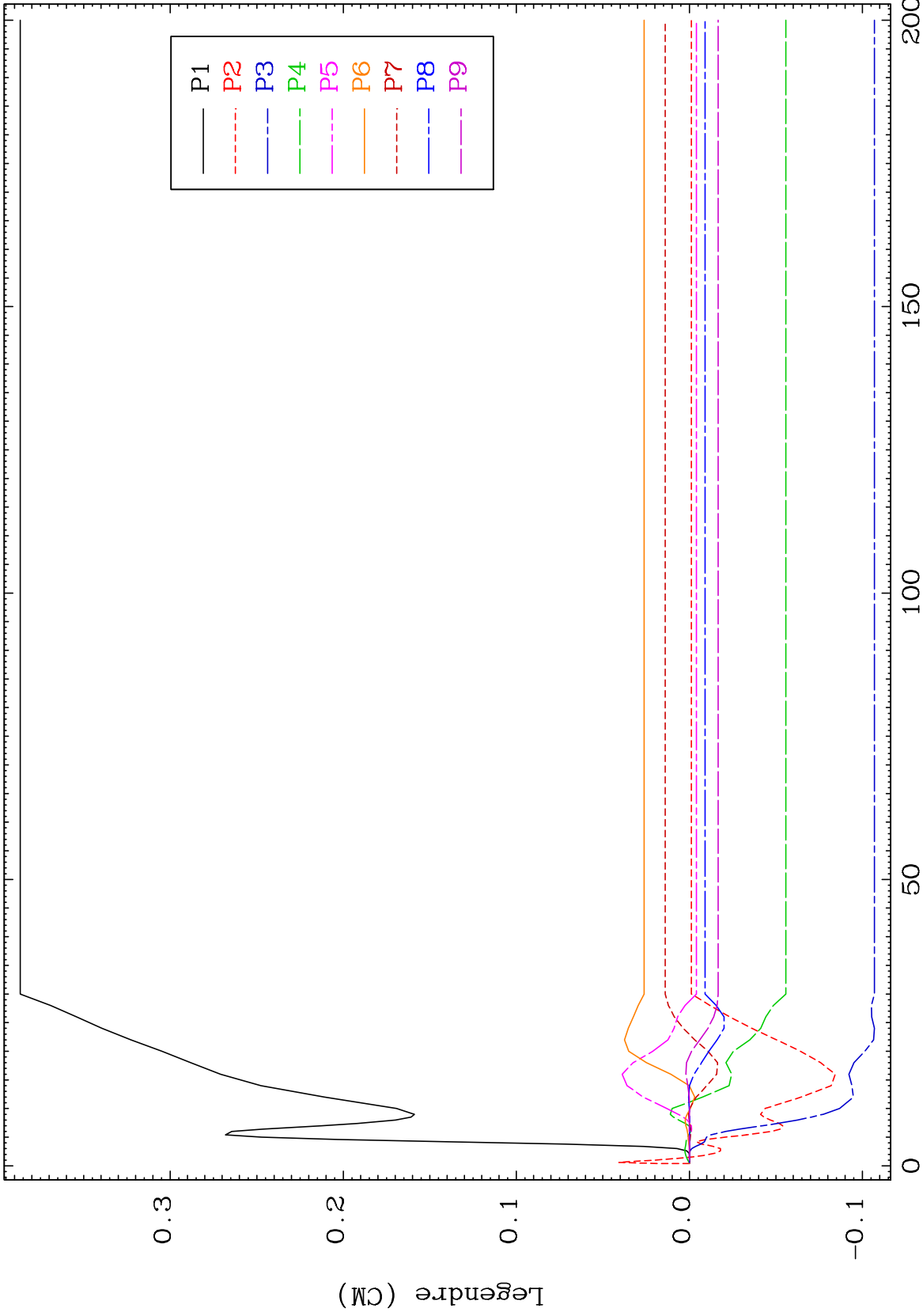
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



54

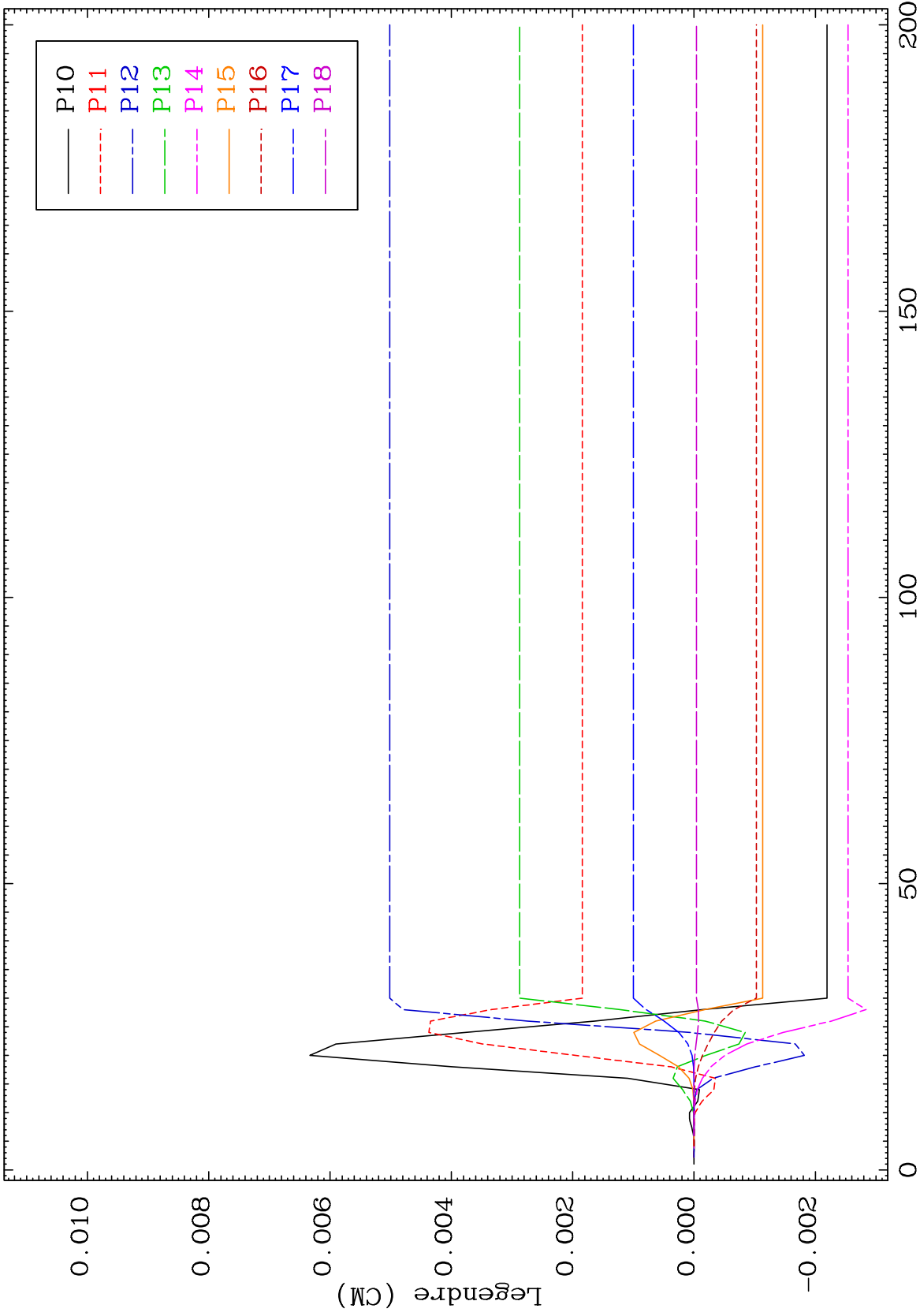
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



55

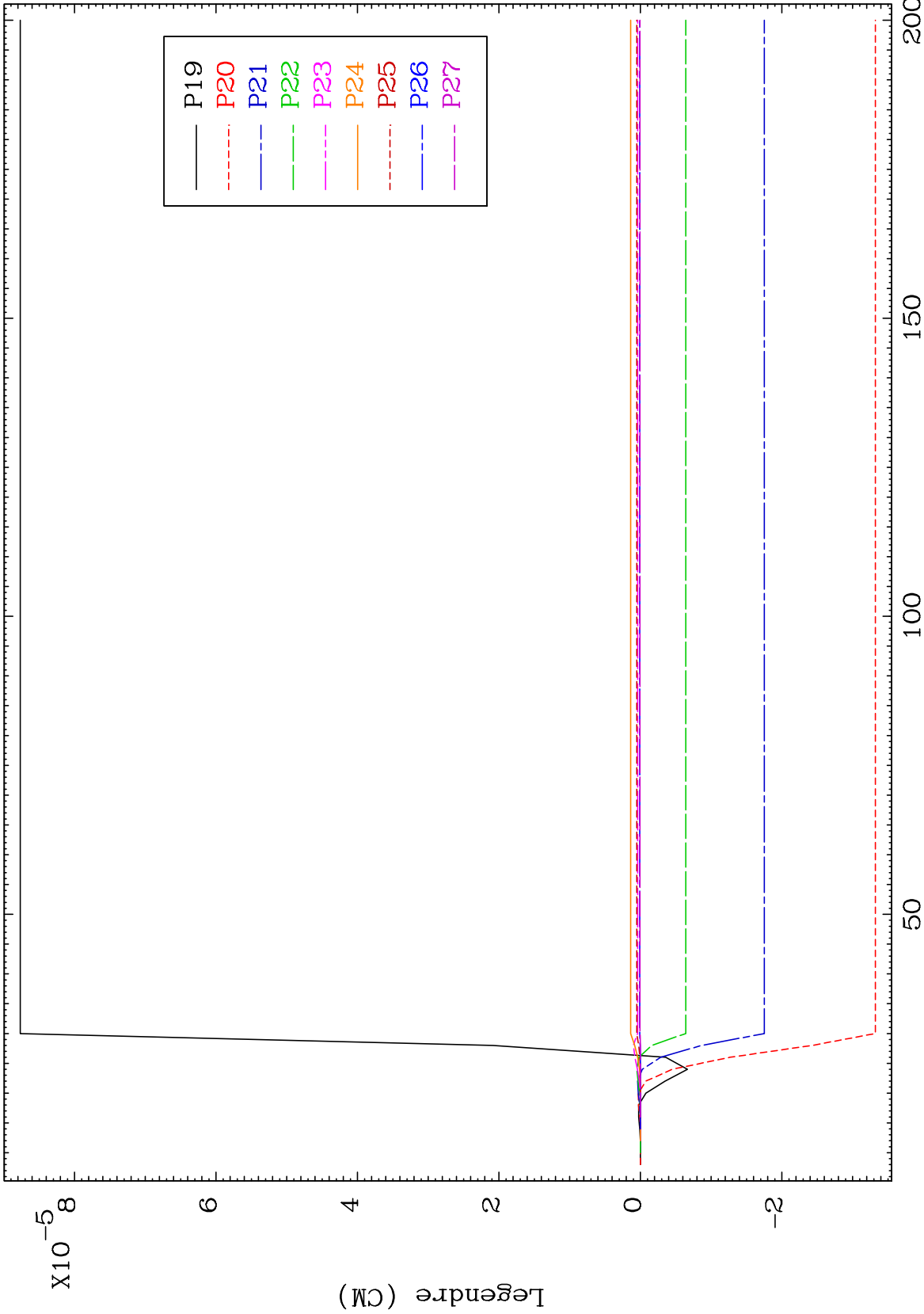
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



56

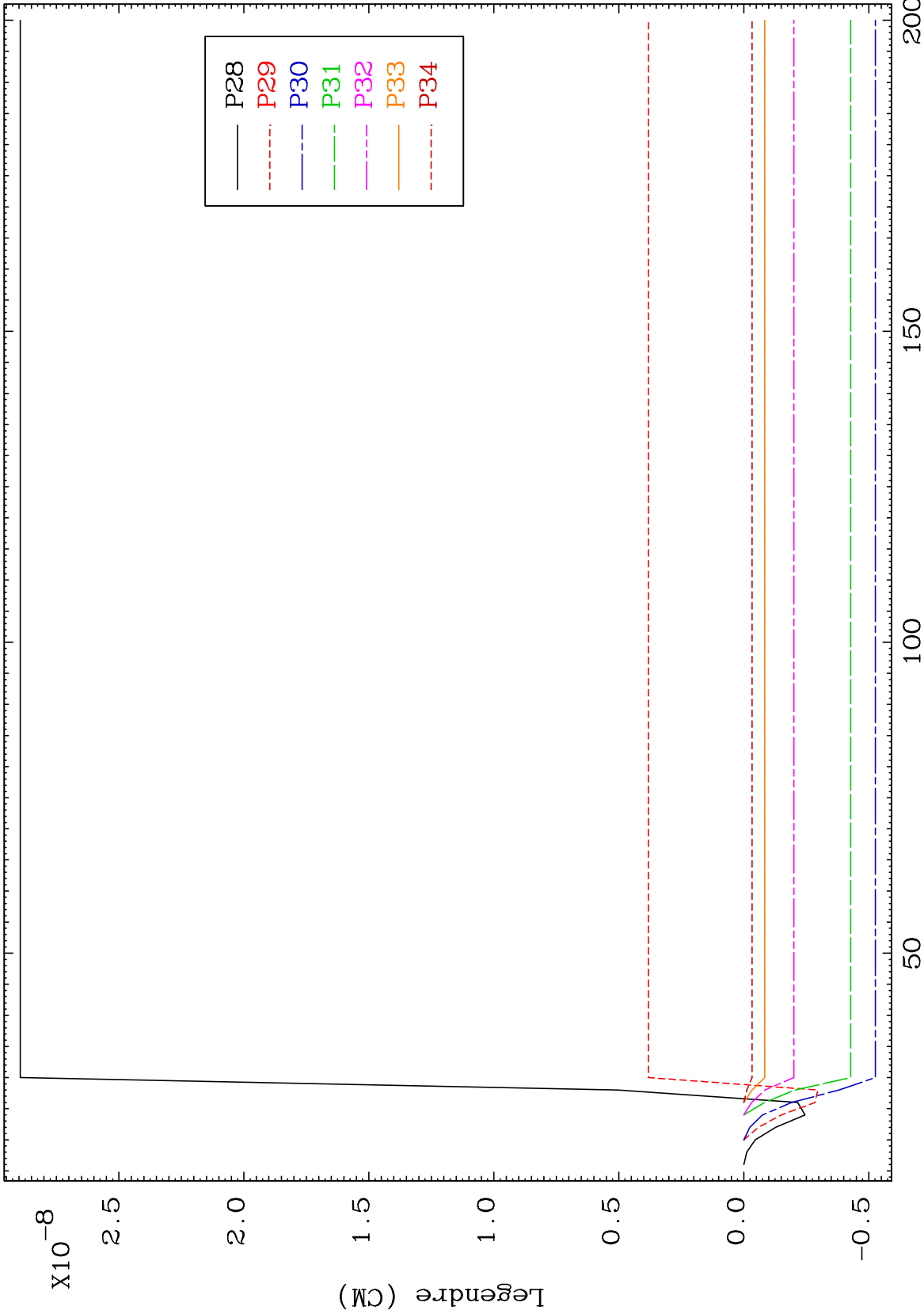
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



57

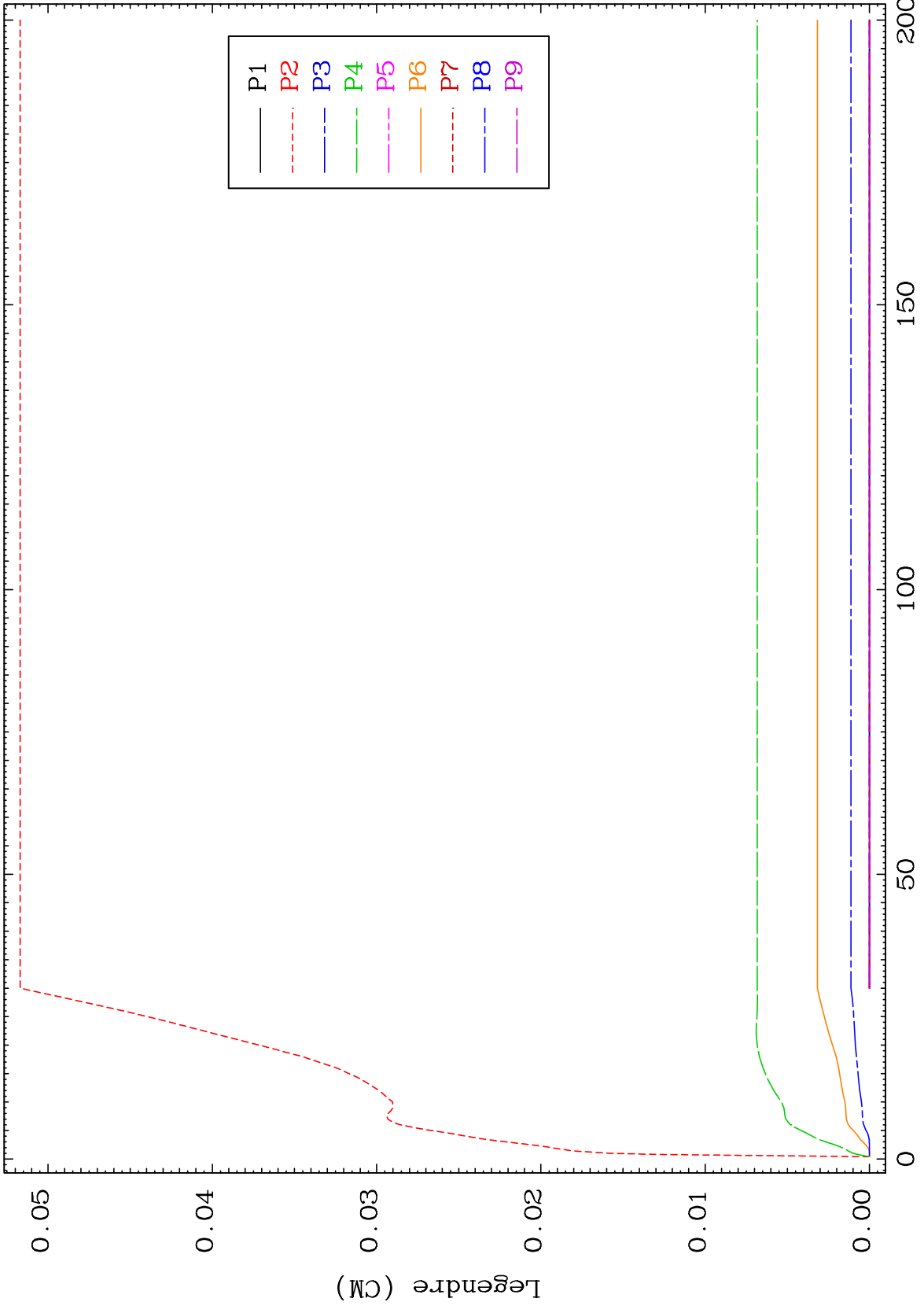
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



58

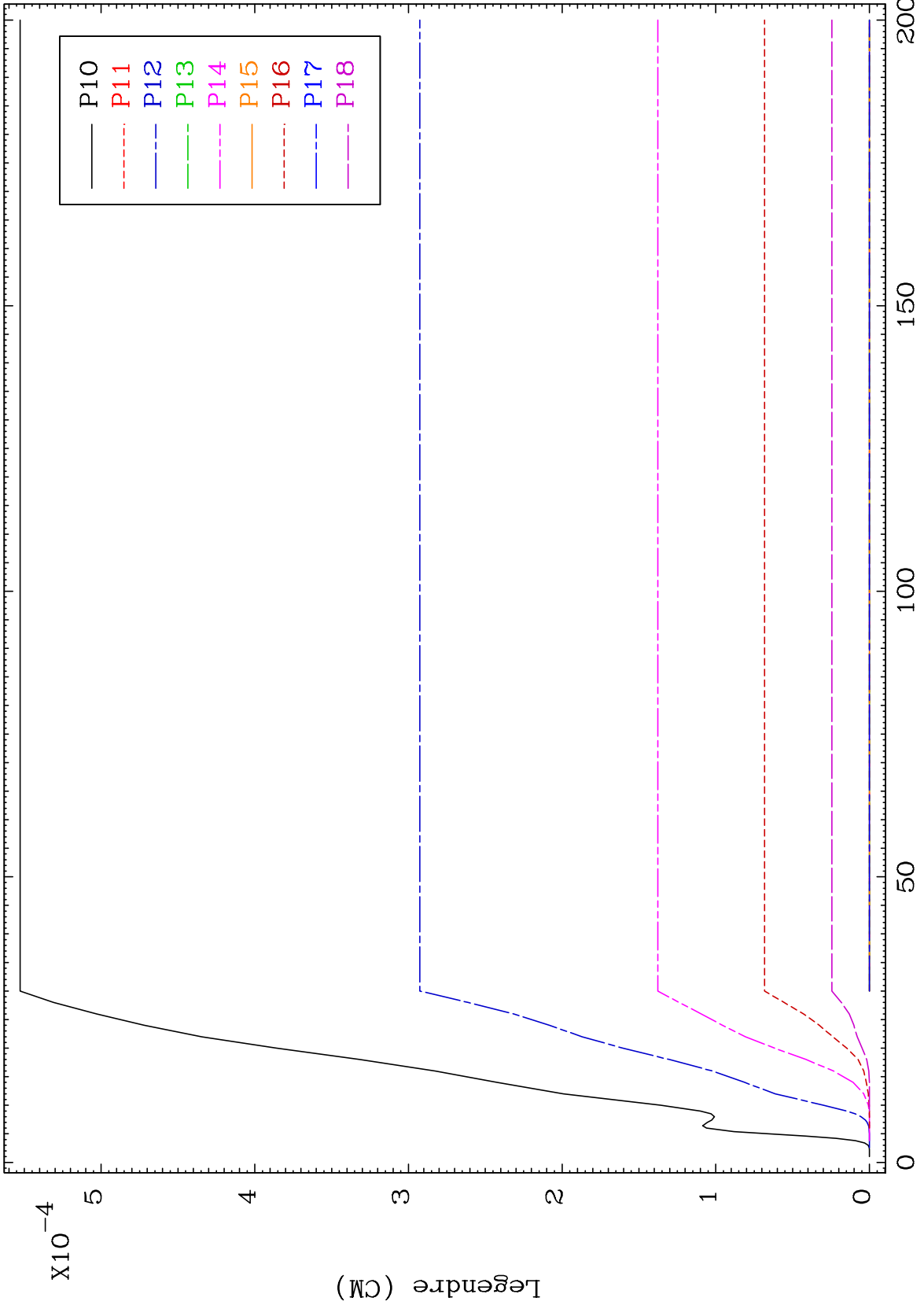
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



59

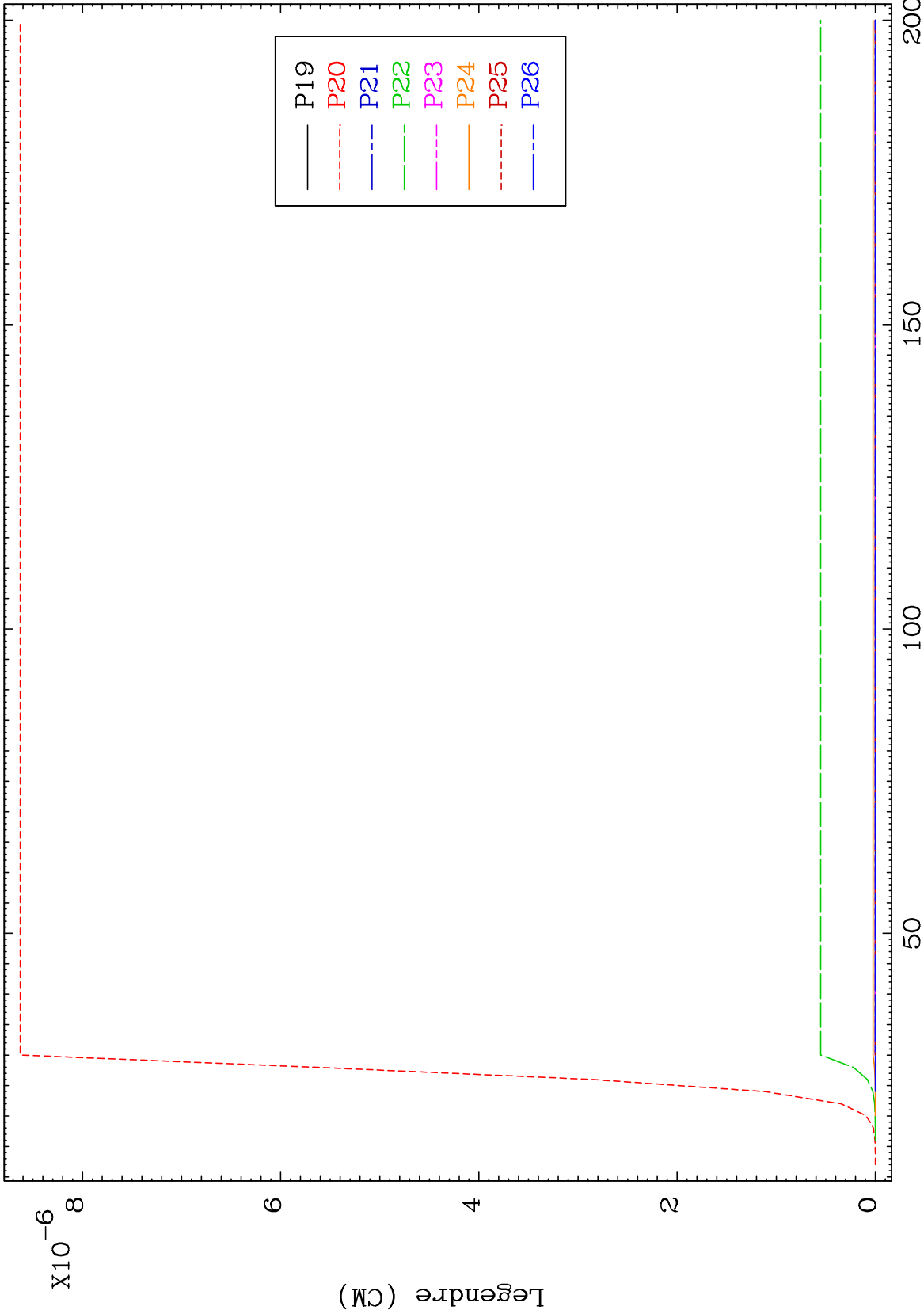
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



60

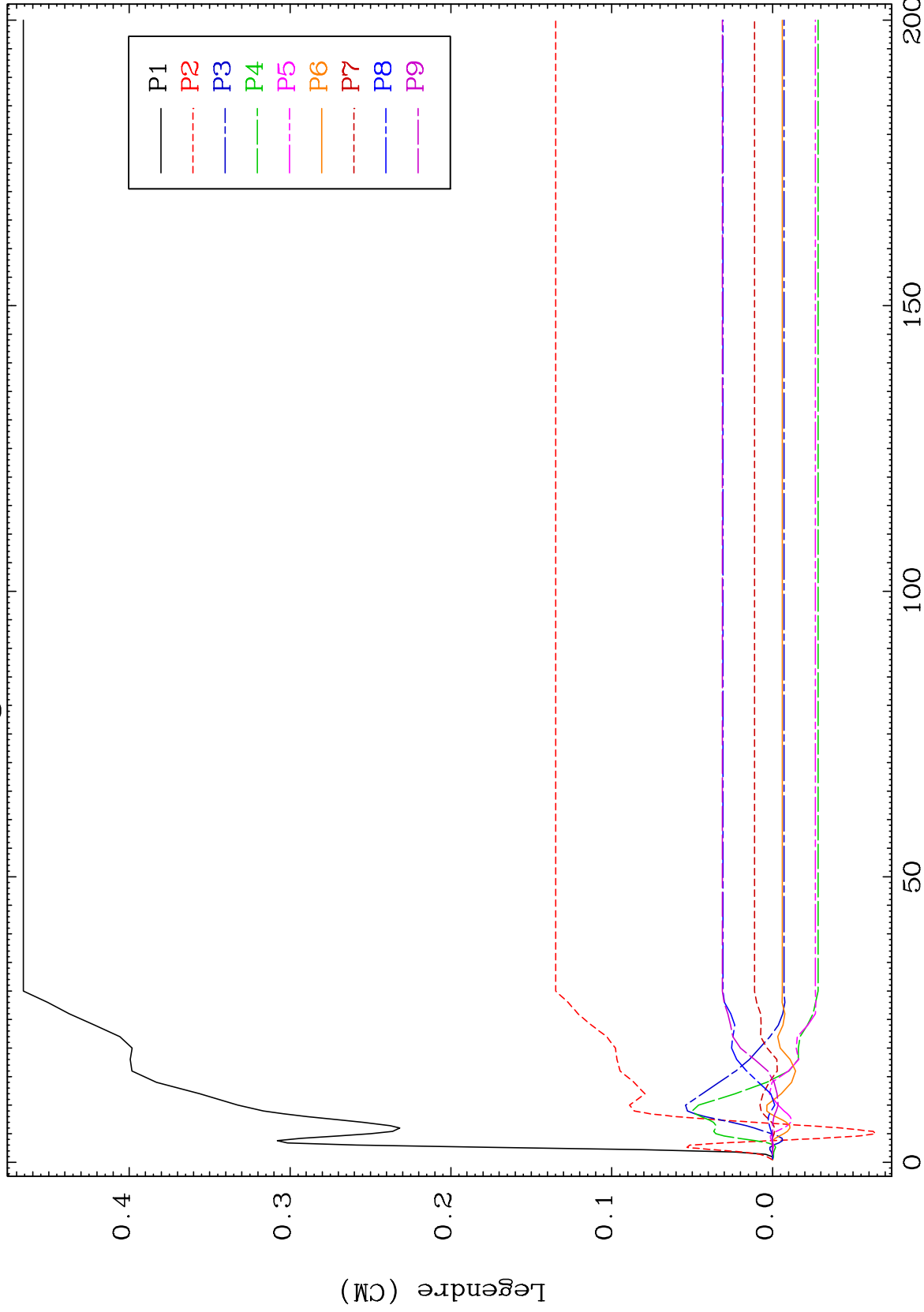
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



61

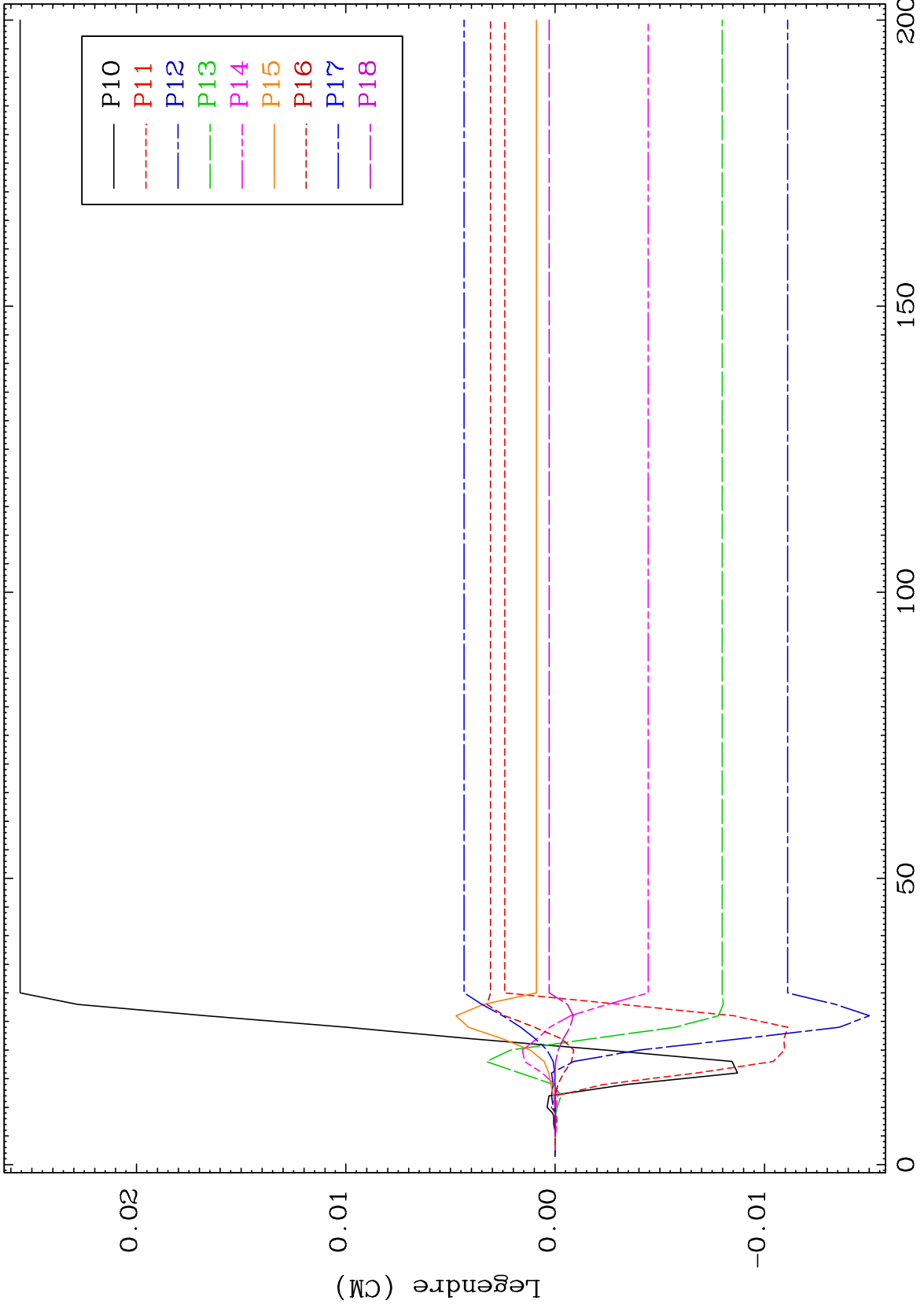
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



62

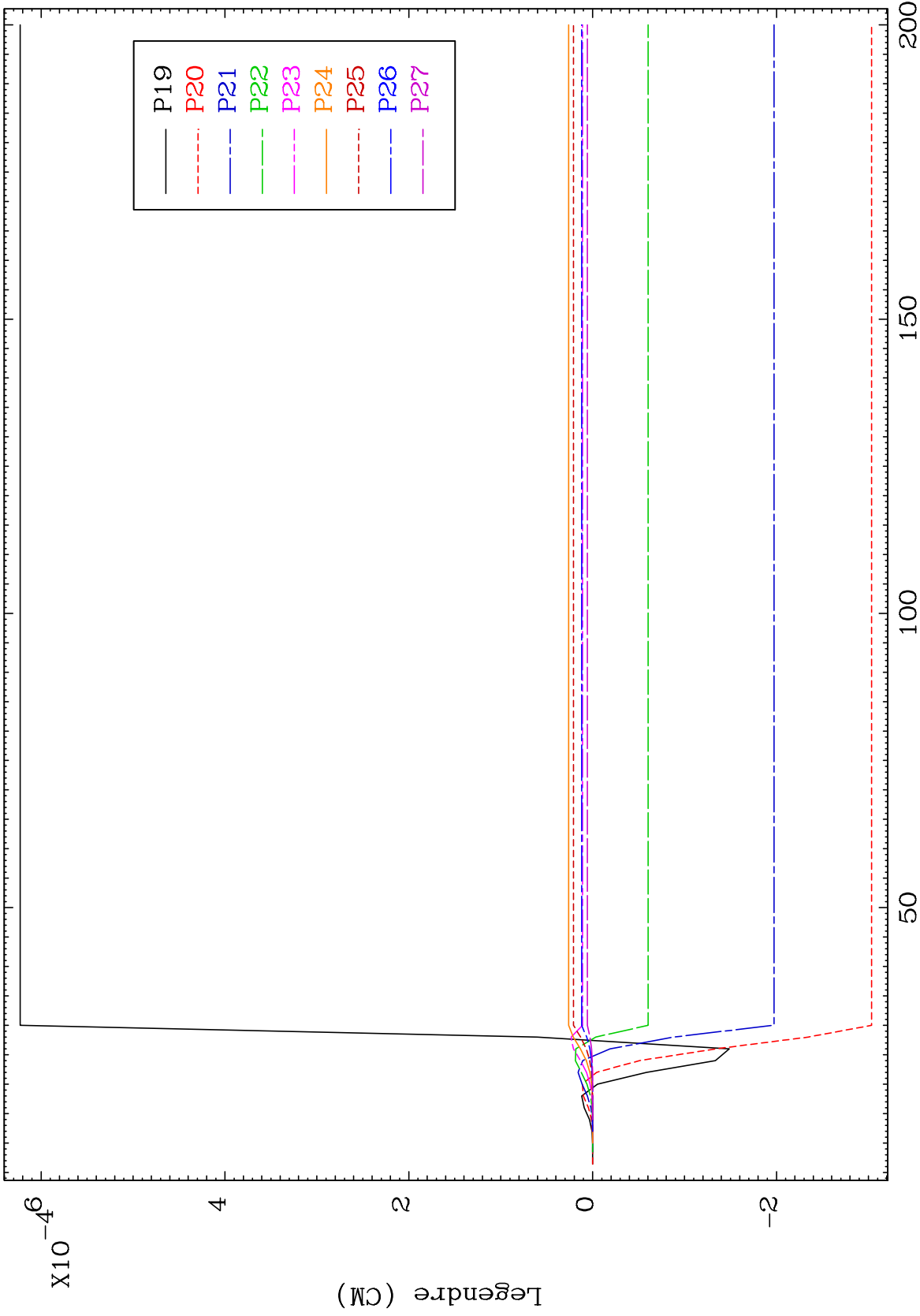
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



63

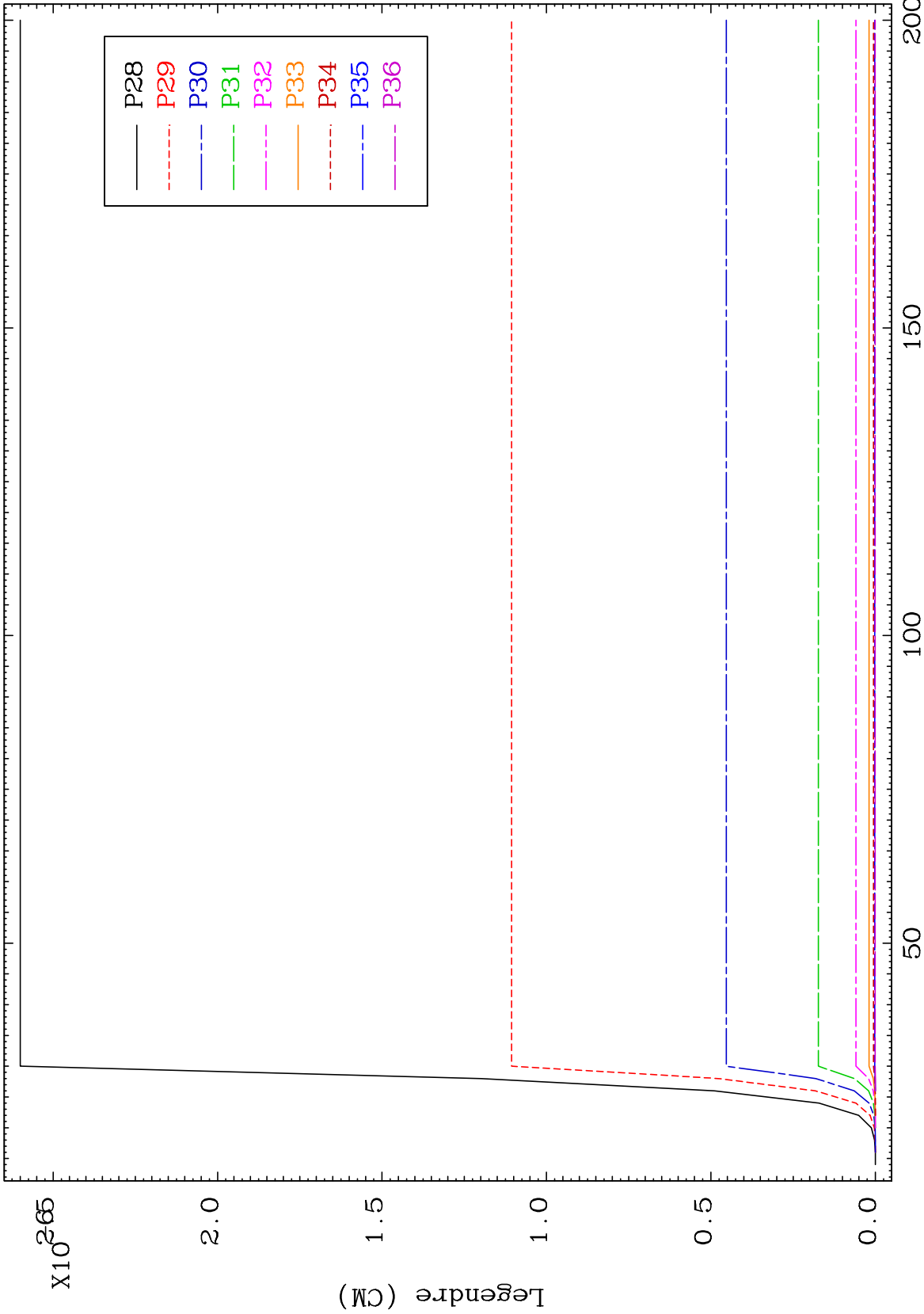
Incident Energy (MeV)

75-Re-172

MAT 7486

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

75-Re-172



64

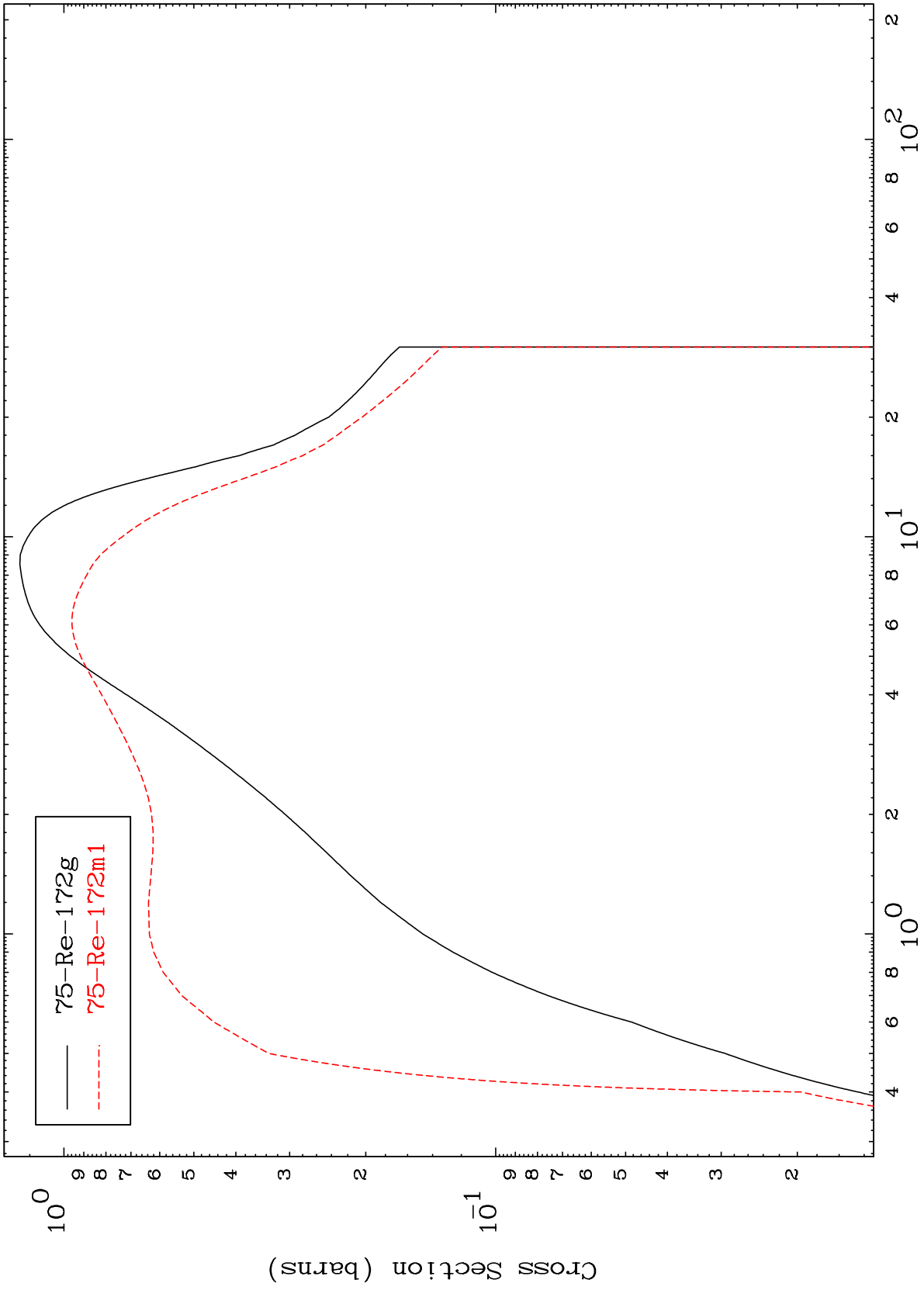
Incident Energy (MeV)

75-Re-172

MAT 7486

75-Re-172

Inelastic
Radionuclide Production Cross Section



65

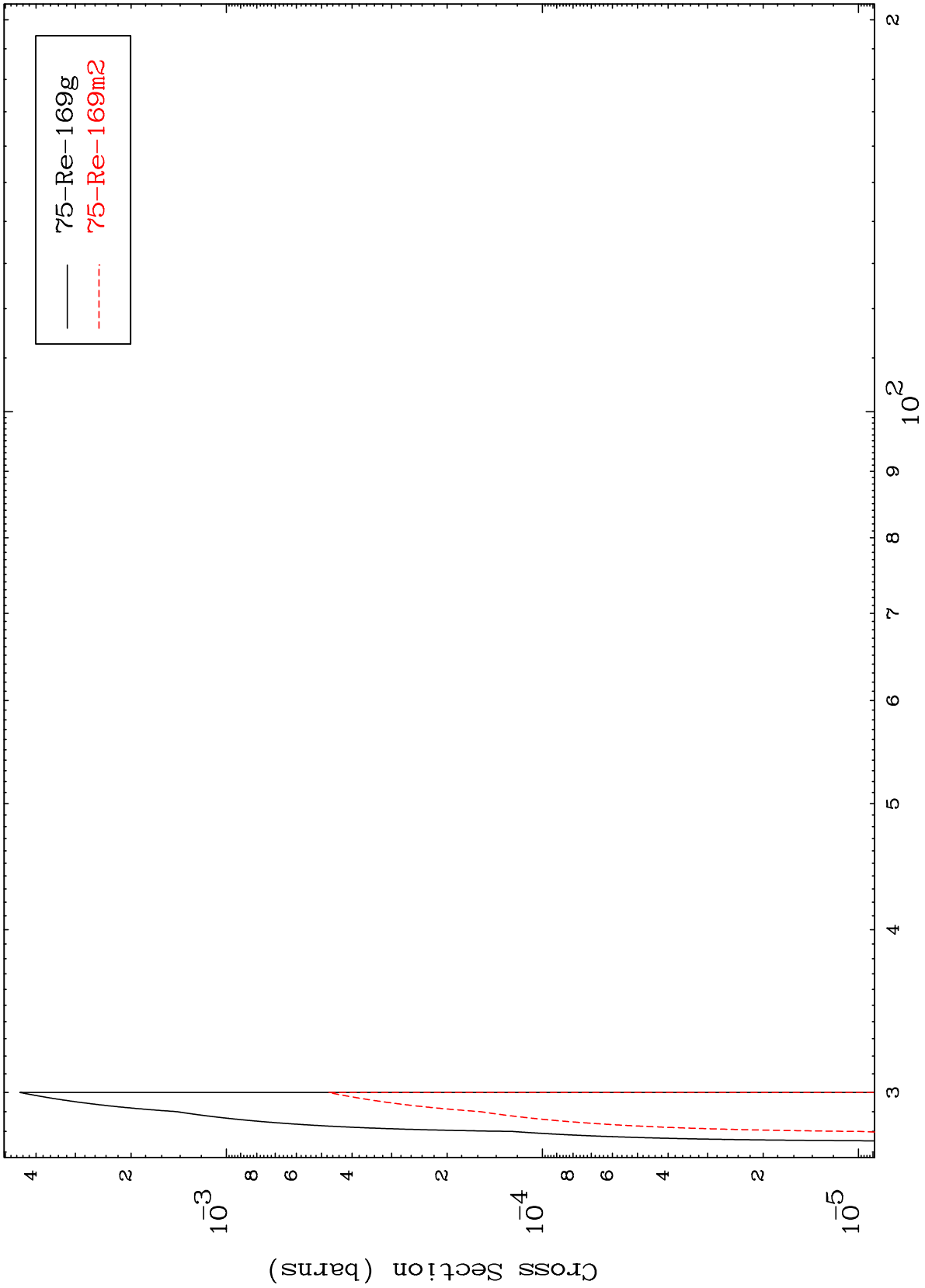
75-Re-172

MAT 7486

(n,4n)

75-Re-172

Radionuclide Production Cross Section



66

Incident Energy (MeV)

75-Re-172