

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

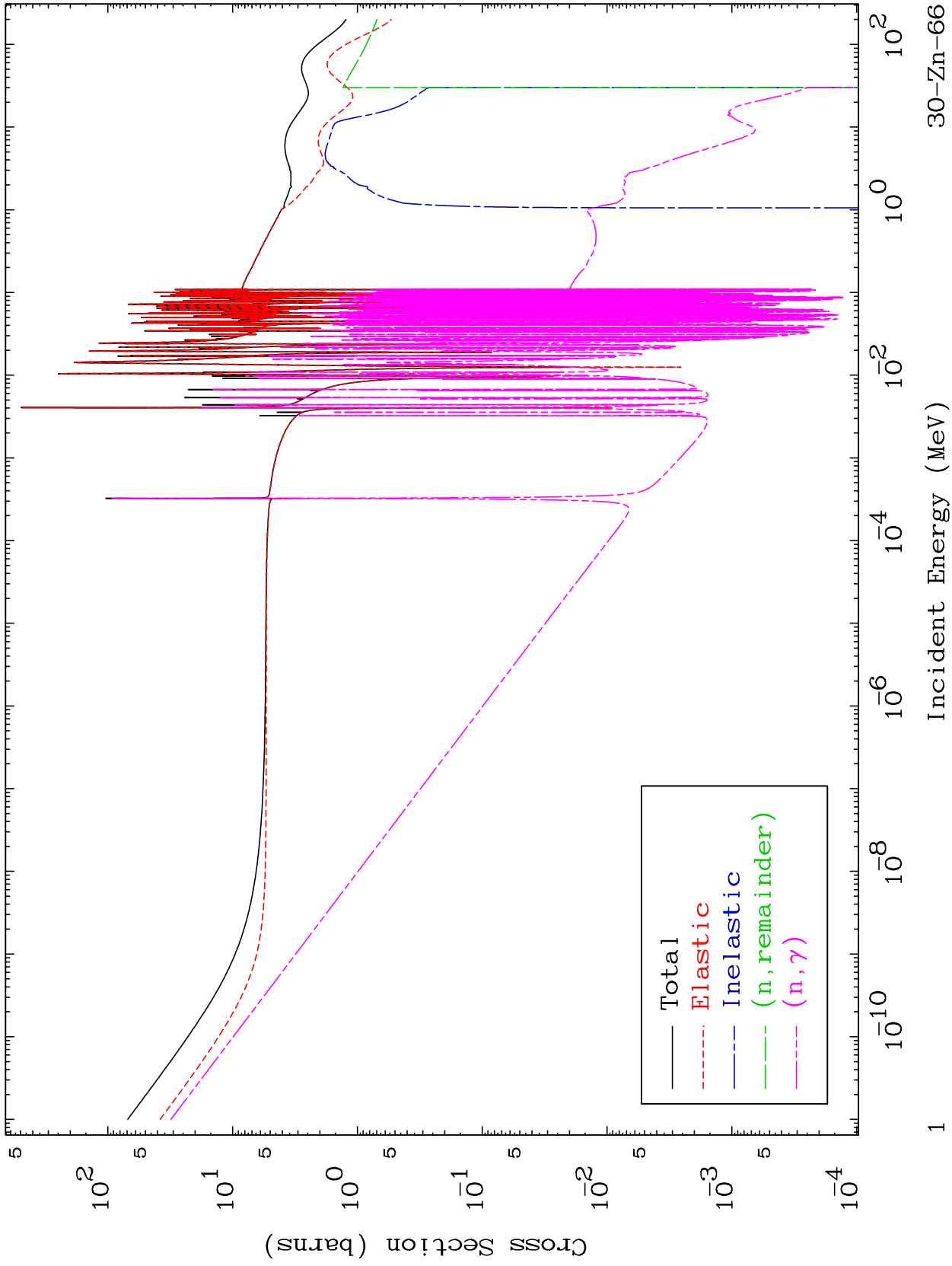
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3031

Major
293 Kelvin Cross Sections

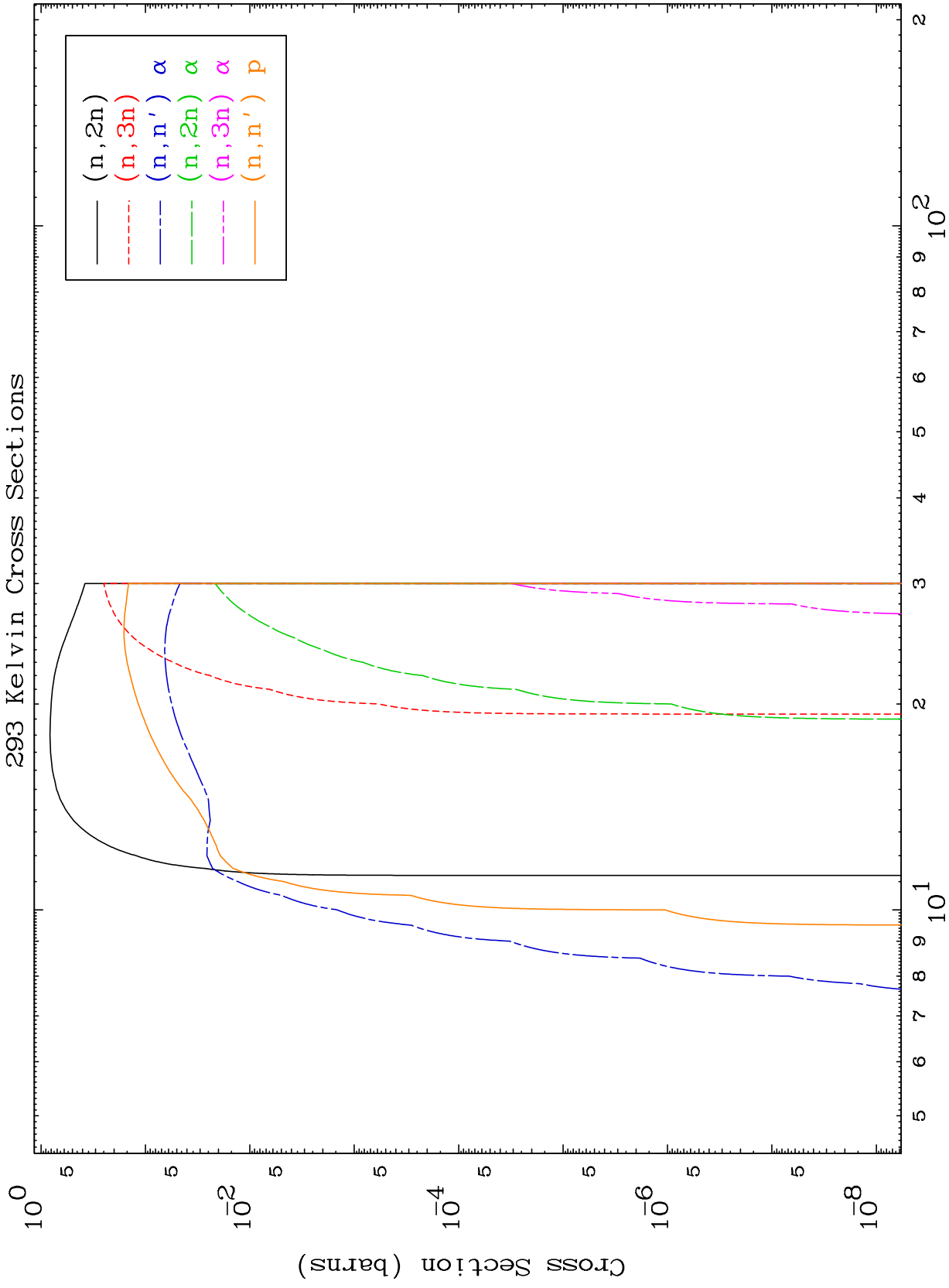
30-Zn-66



MAT 3031

Neutron Production 293 Kelvin Cross Sections

30-Zn-66



2

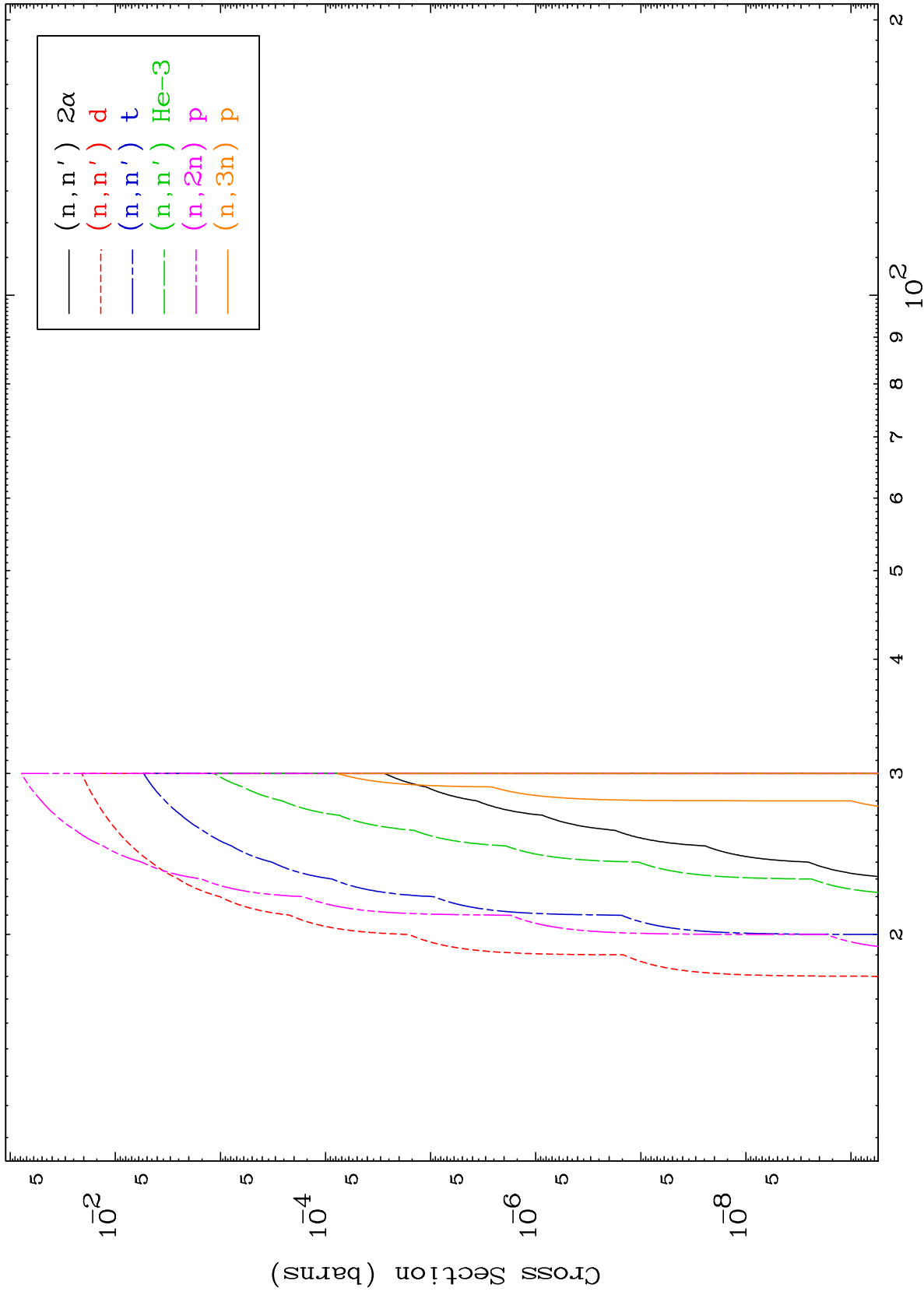
Incident Energy (MeV)

30-Zn-66

MAT 3031

Neutron Production
293 Kelvin Cross Sections

30-Zn-66



3

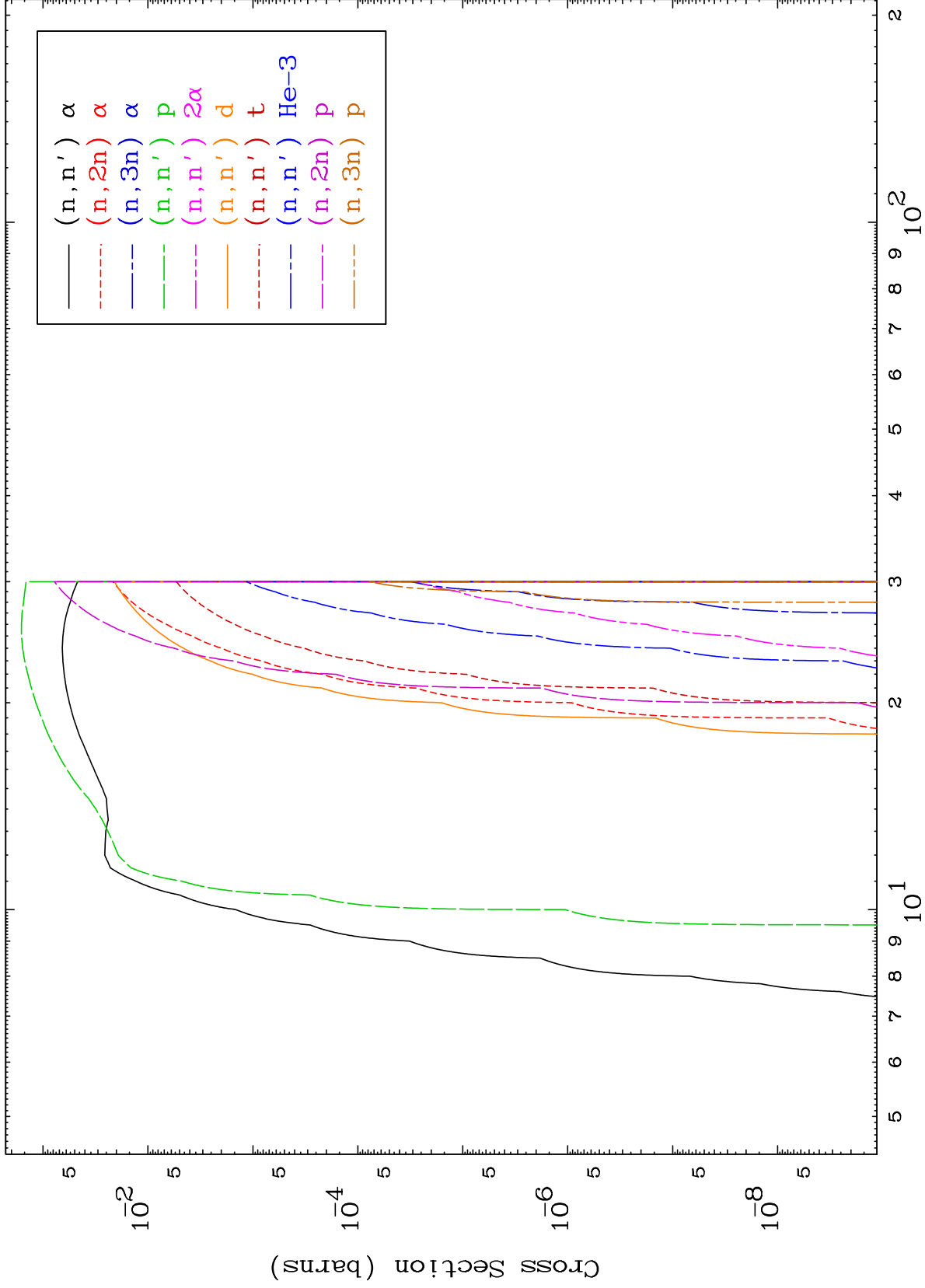
Incident Energy (MeV)

30-Zn-66

MAT 3031

Charged Particle
293 Kelvin Cross Sections

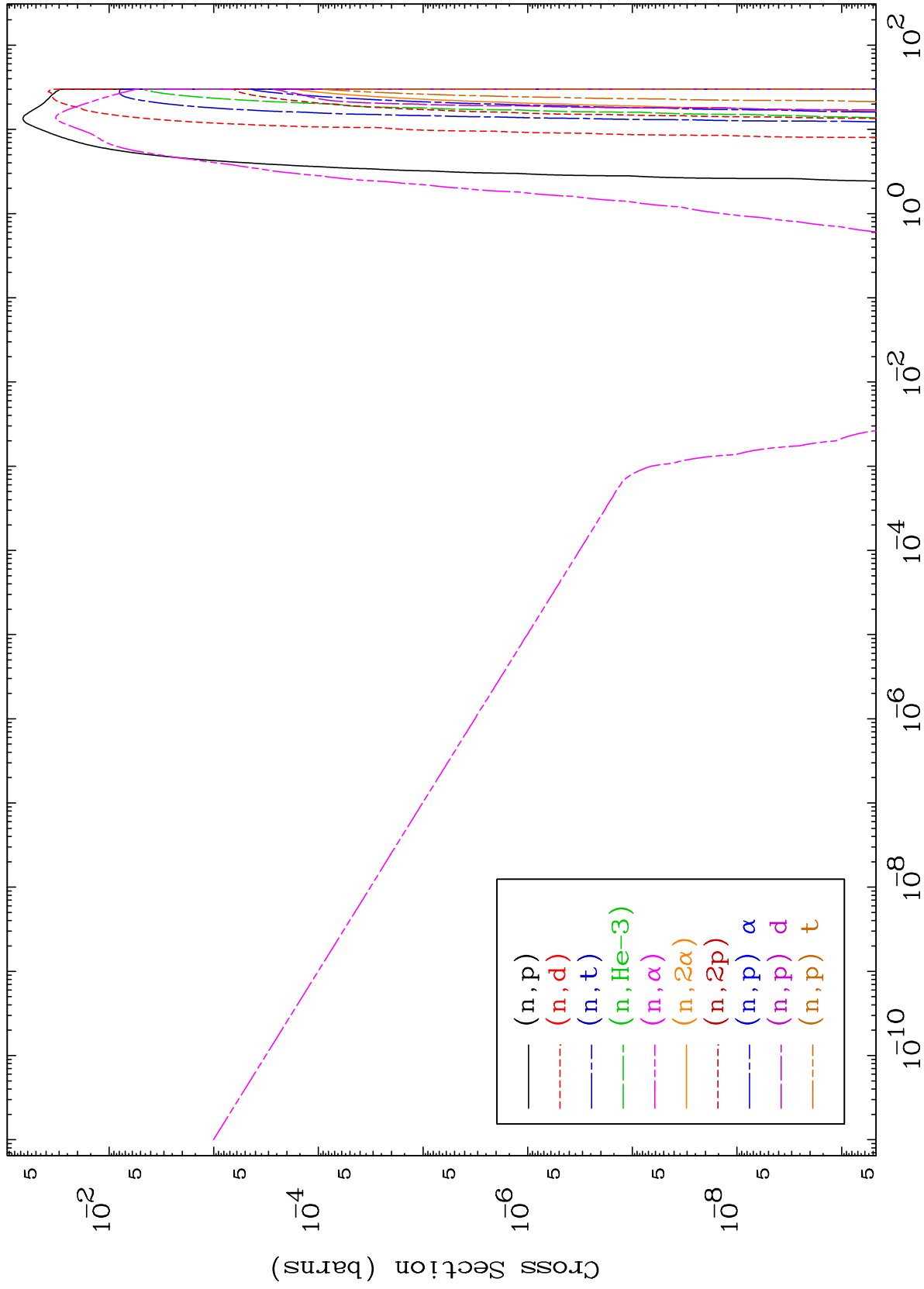
30-Zn-66



MAT 3031

Charged Particle
293 Kelvin Cross Sections

30-Zn-66



5

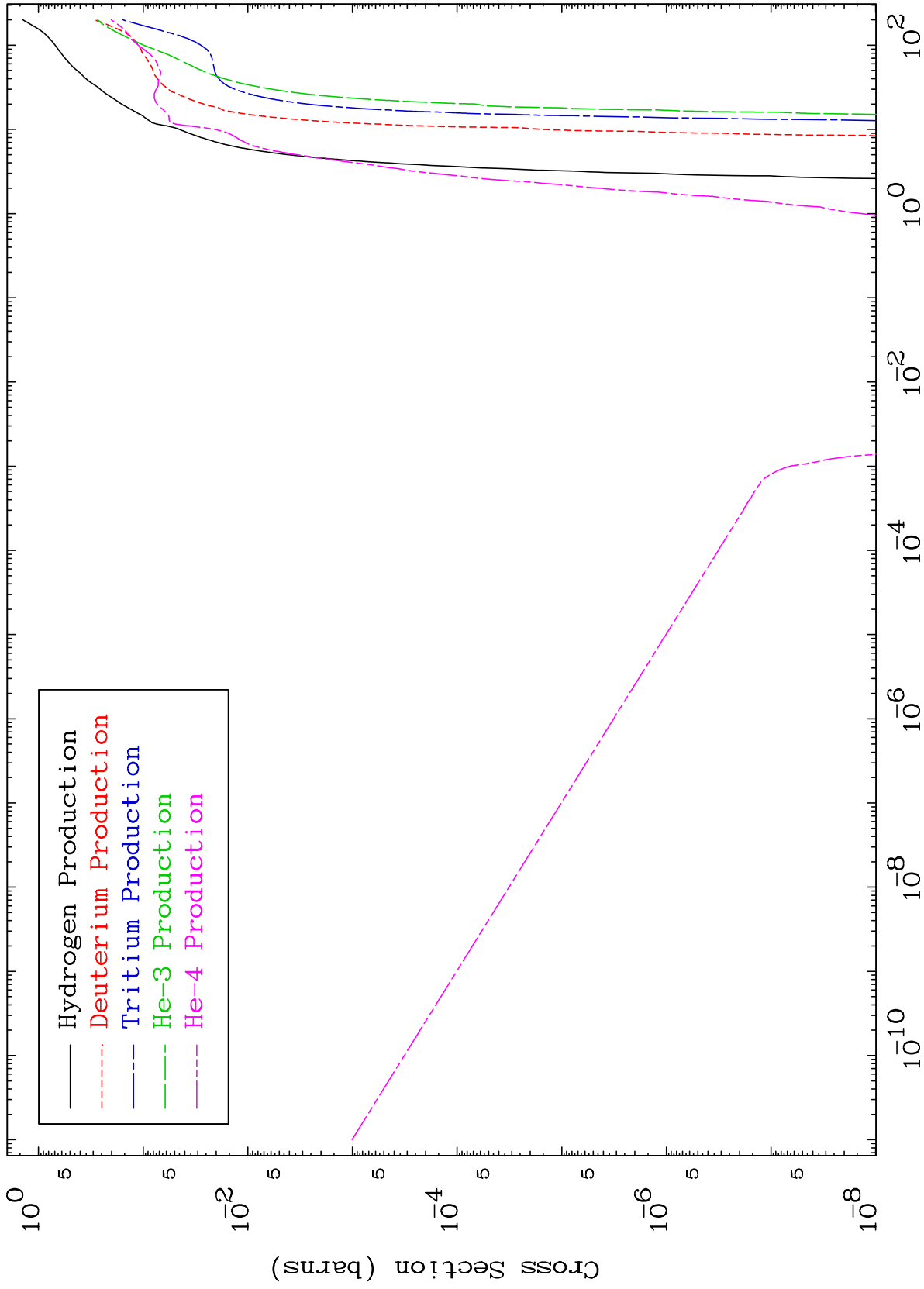
Incident Energy (MeV)

30-Zn-66

MAT 3031

Particle Production
293 Kelvin Cross Sections

30-Zn-66



6

Incident Energy (MeV)

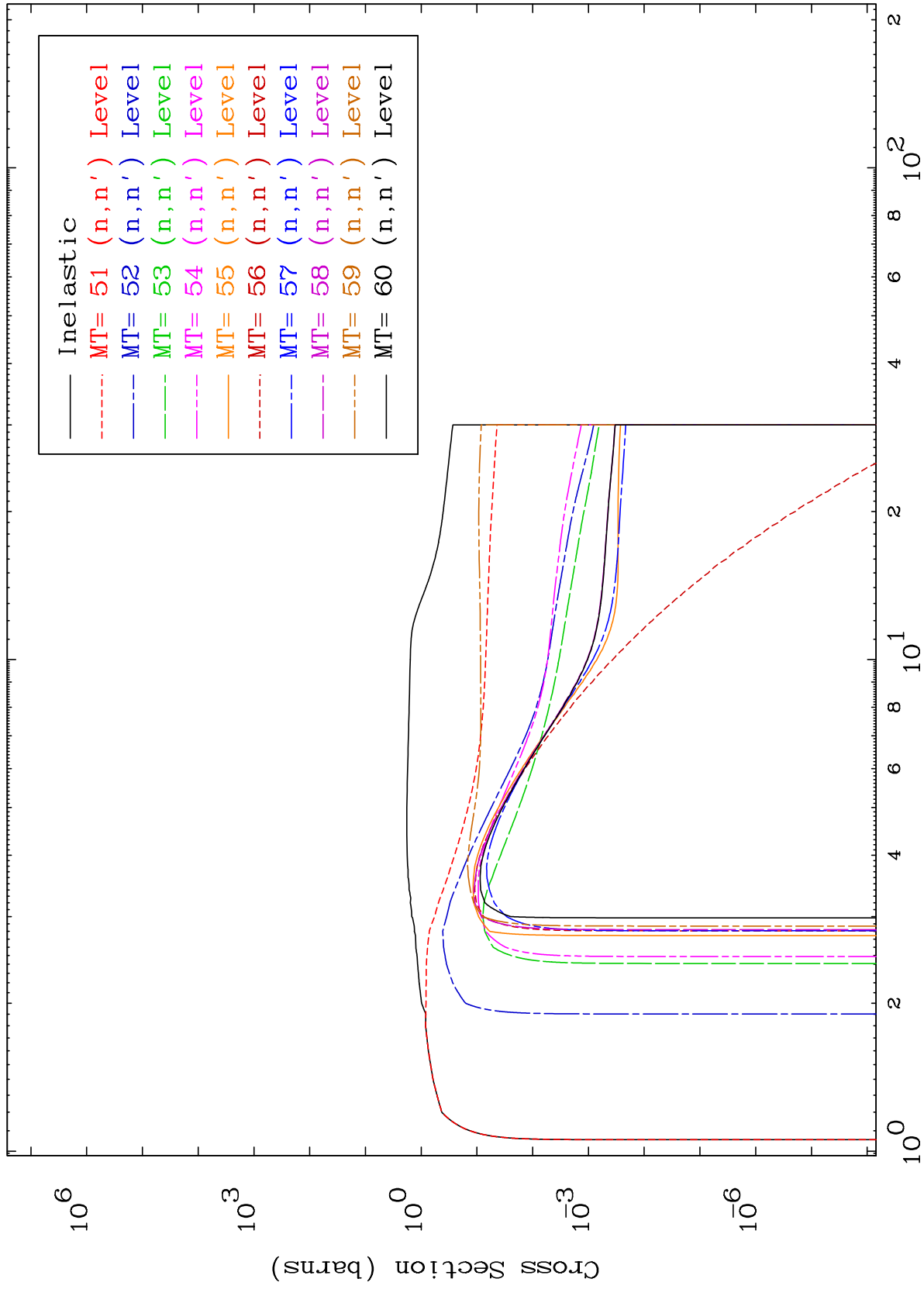
30-Zn-66

MAT 3031

(n,n') Level

30-Zn-66

293 Kelvin Cross Sections



Incident Energy (MeV)

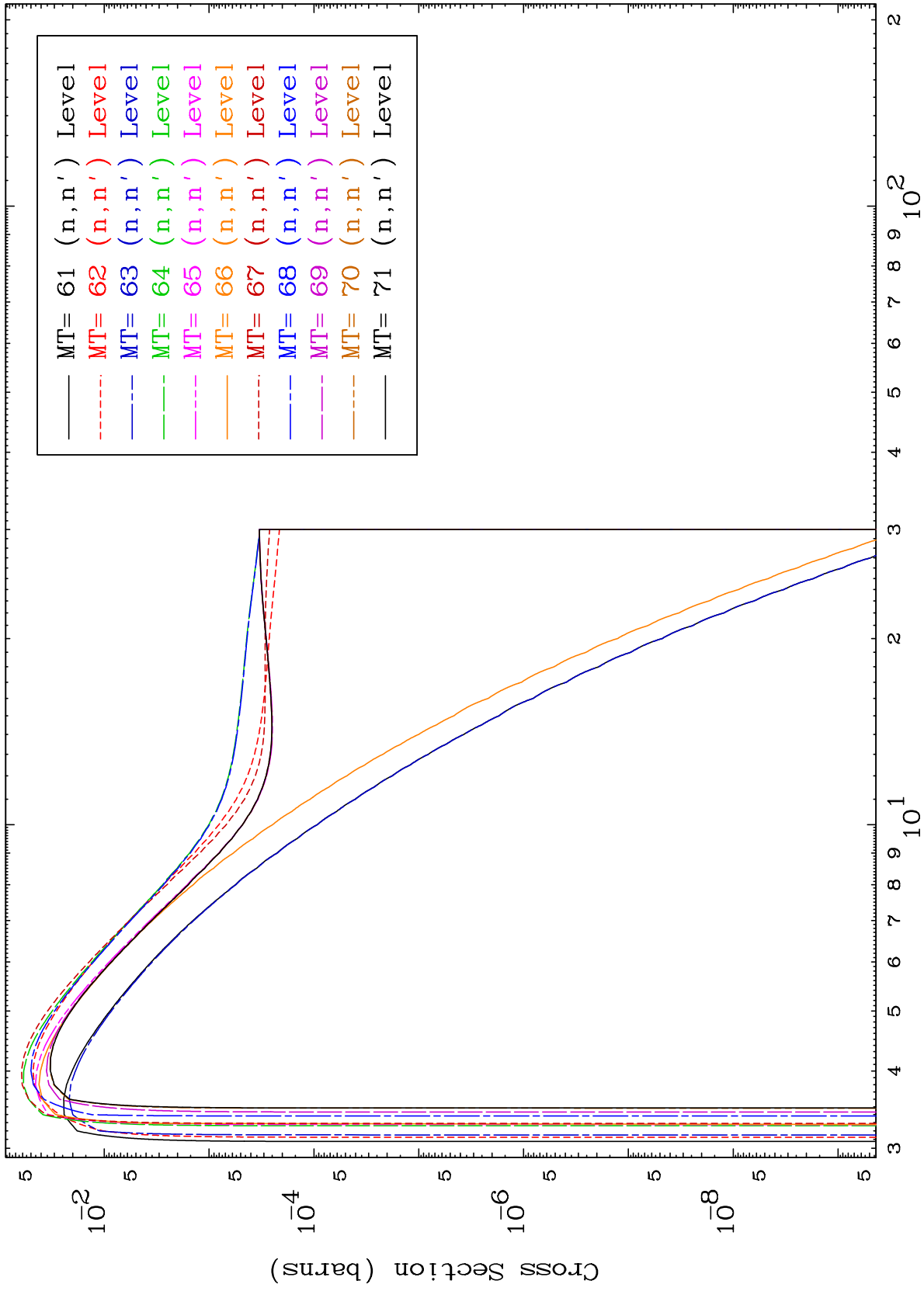
30-Zn-66

MAT 3031

(n,n') Level

30-Zn-66

293 Kelvin Cross Sections



8

Incident Energy (MeV)

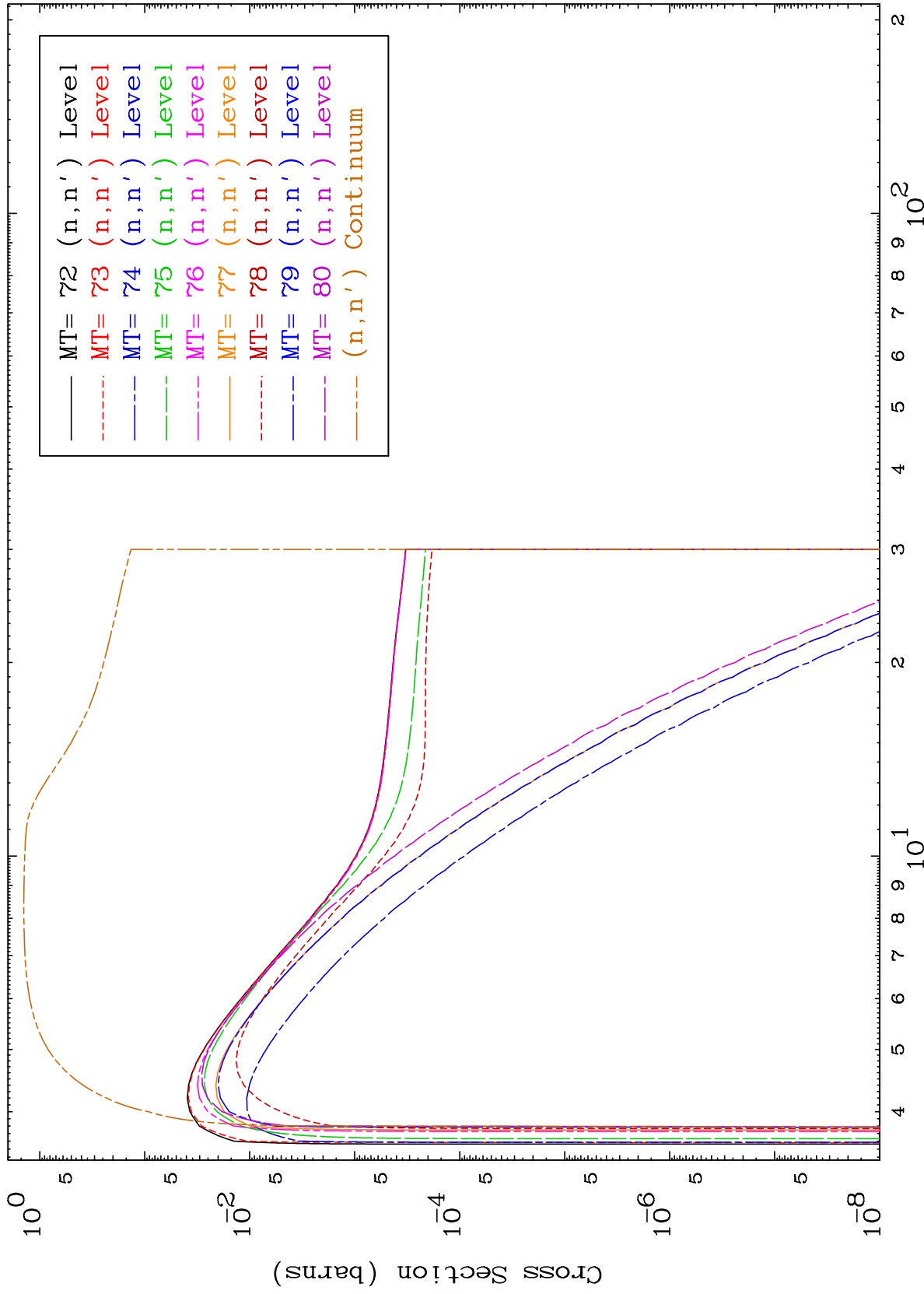
30-Zn-66

MAT 3031

(n,n') Level

30-Zn-66

293 Kelvin Cross Sections



9

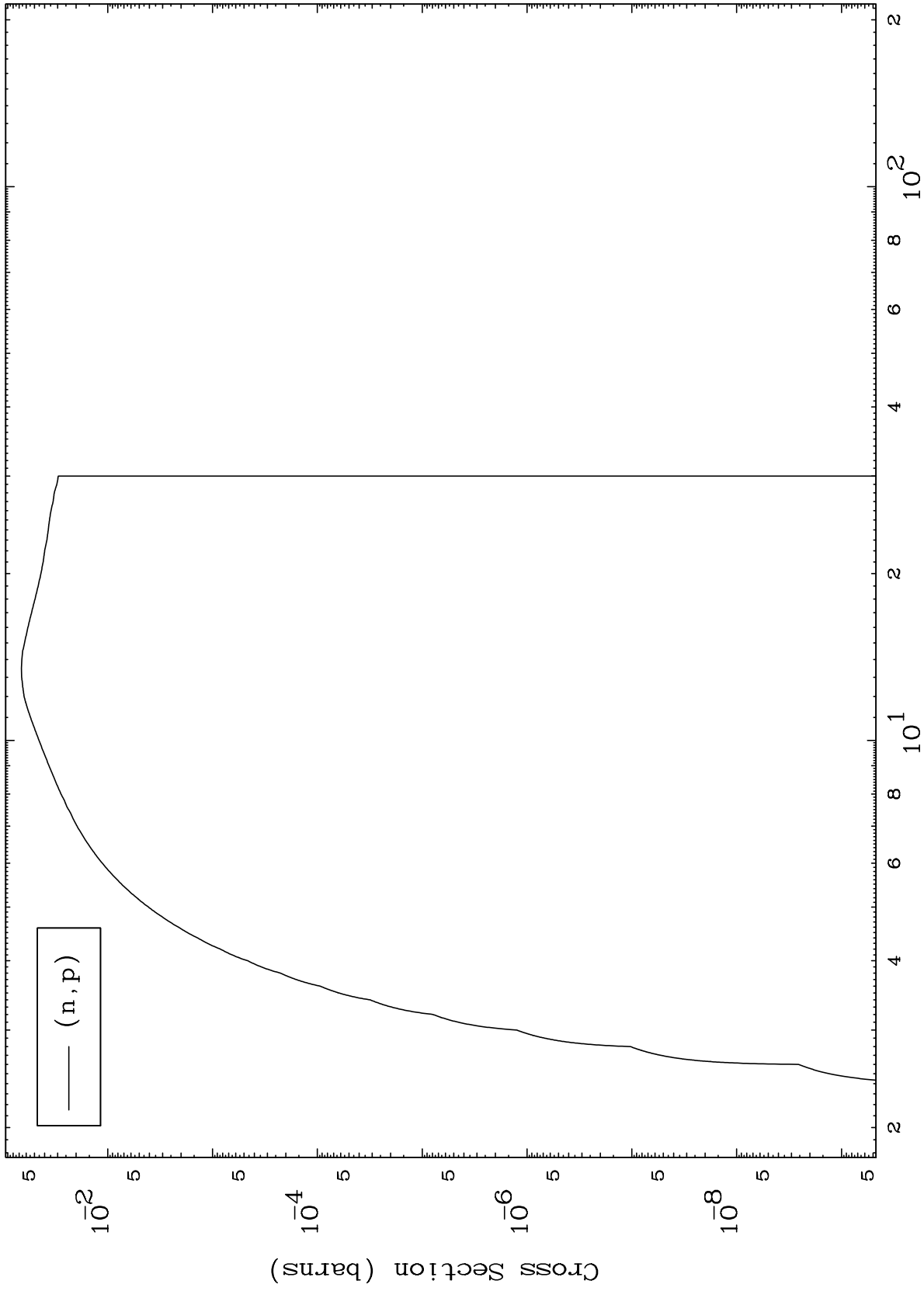
Incident Energy (MeV)

30-Zn-66

MAT 3031

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-66



10

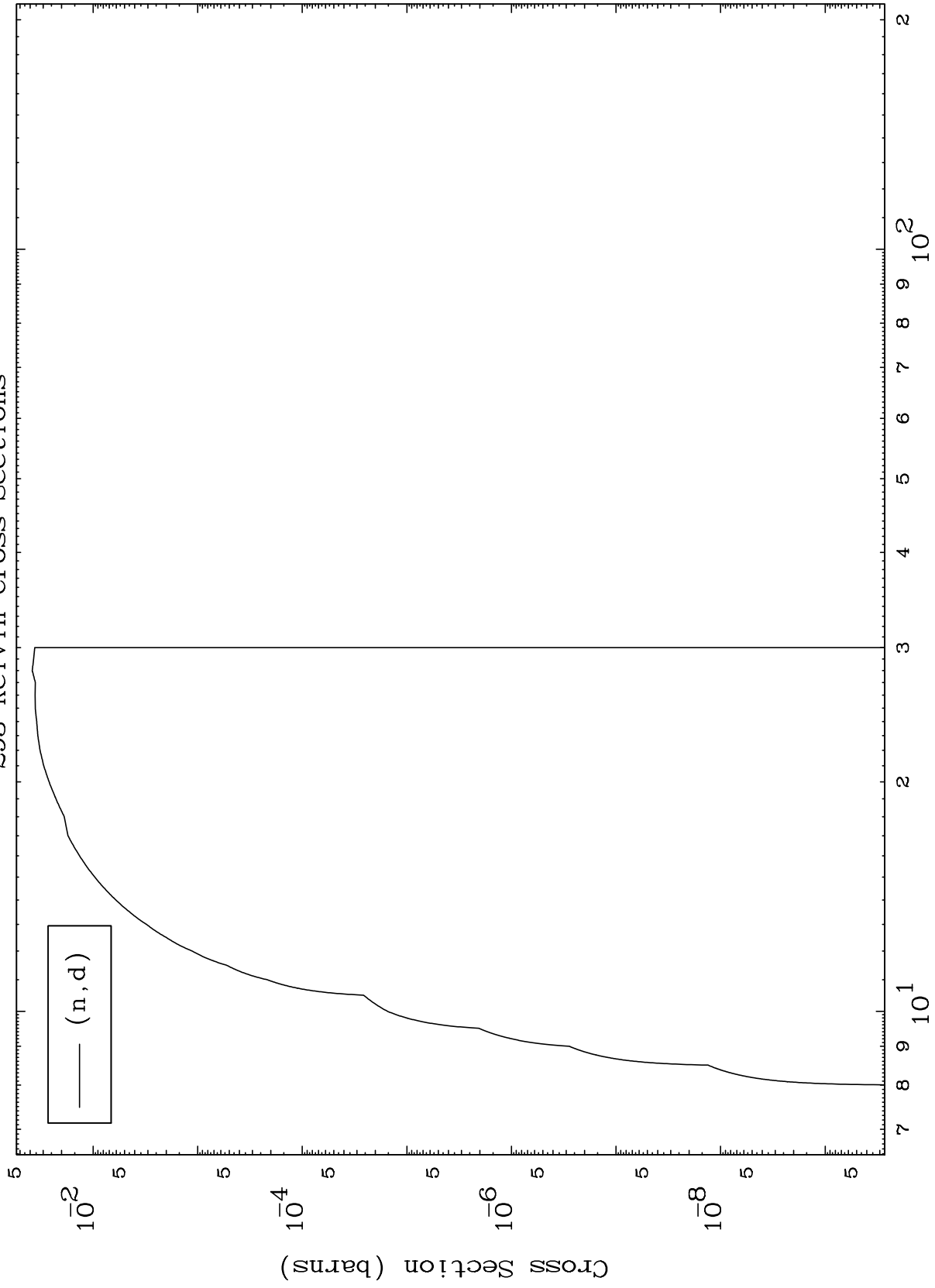
Incident Energy (MeV)

30-Zn-66

MAT 3031

(n,d) Levels
293 Kelvin Cross Sections

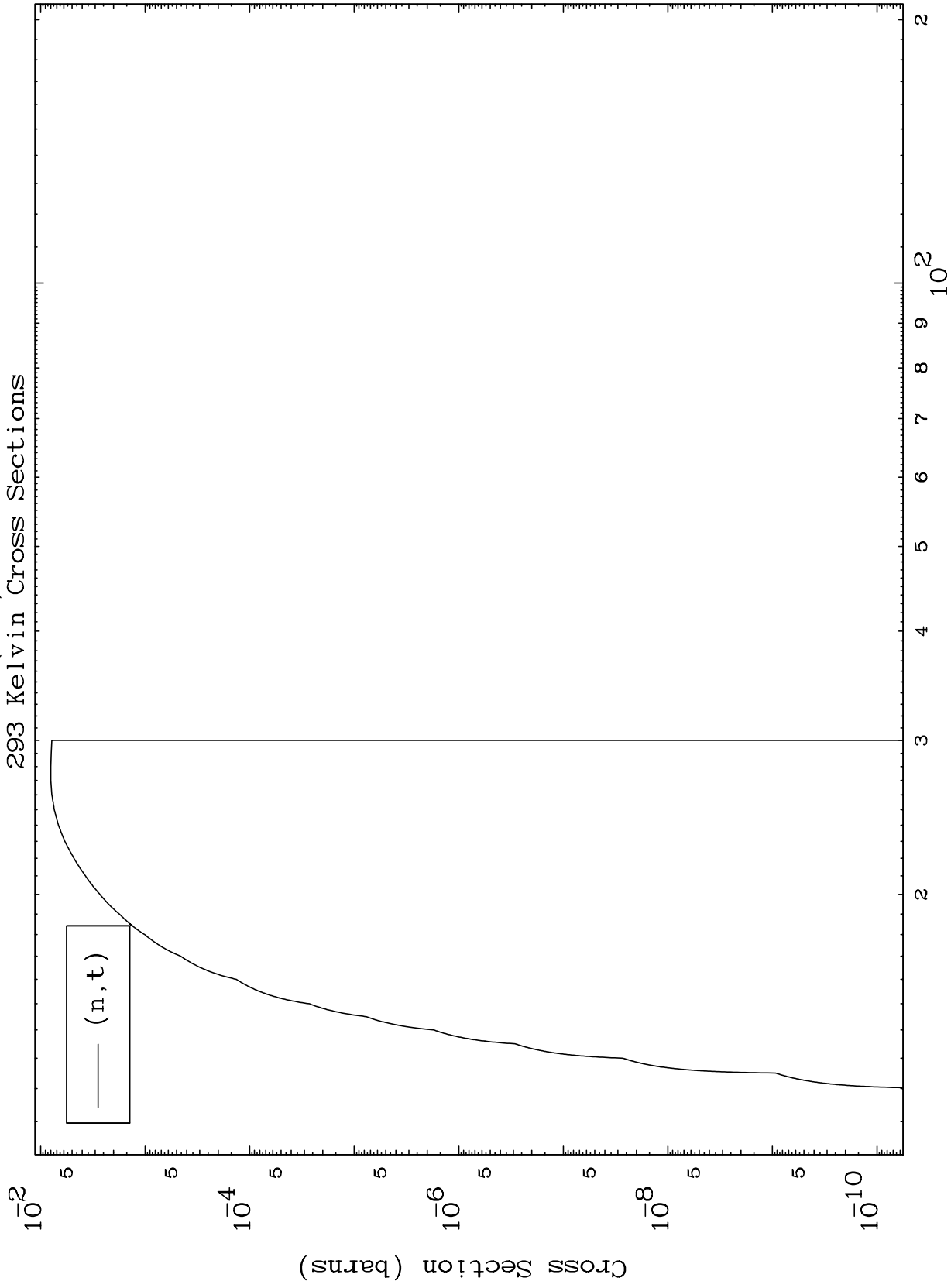
30-Zn-66



MAT 3031

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-66



12

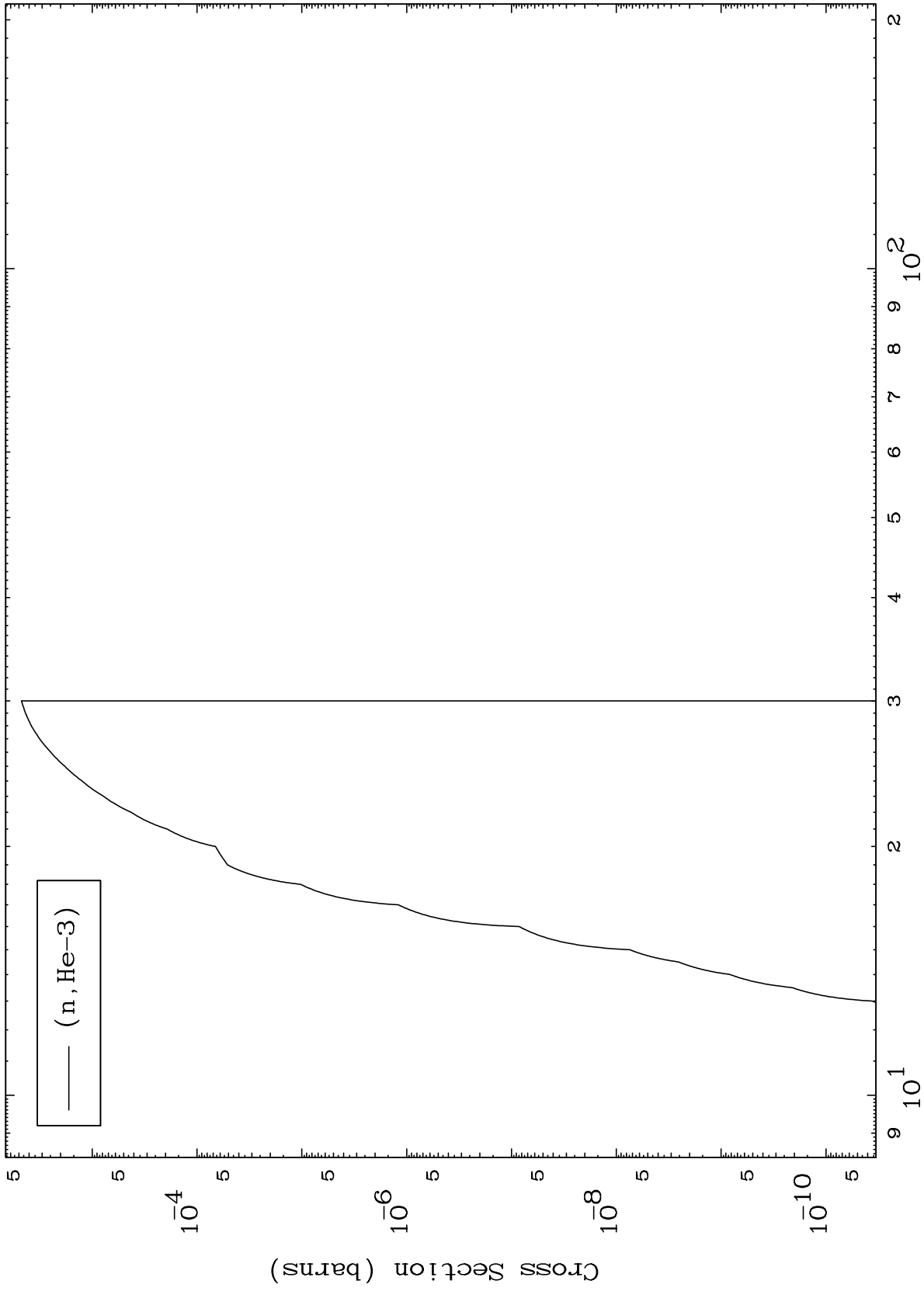
Incident Energy (MeV)

30-Zn-66

MAT 3031

(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-66



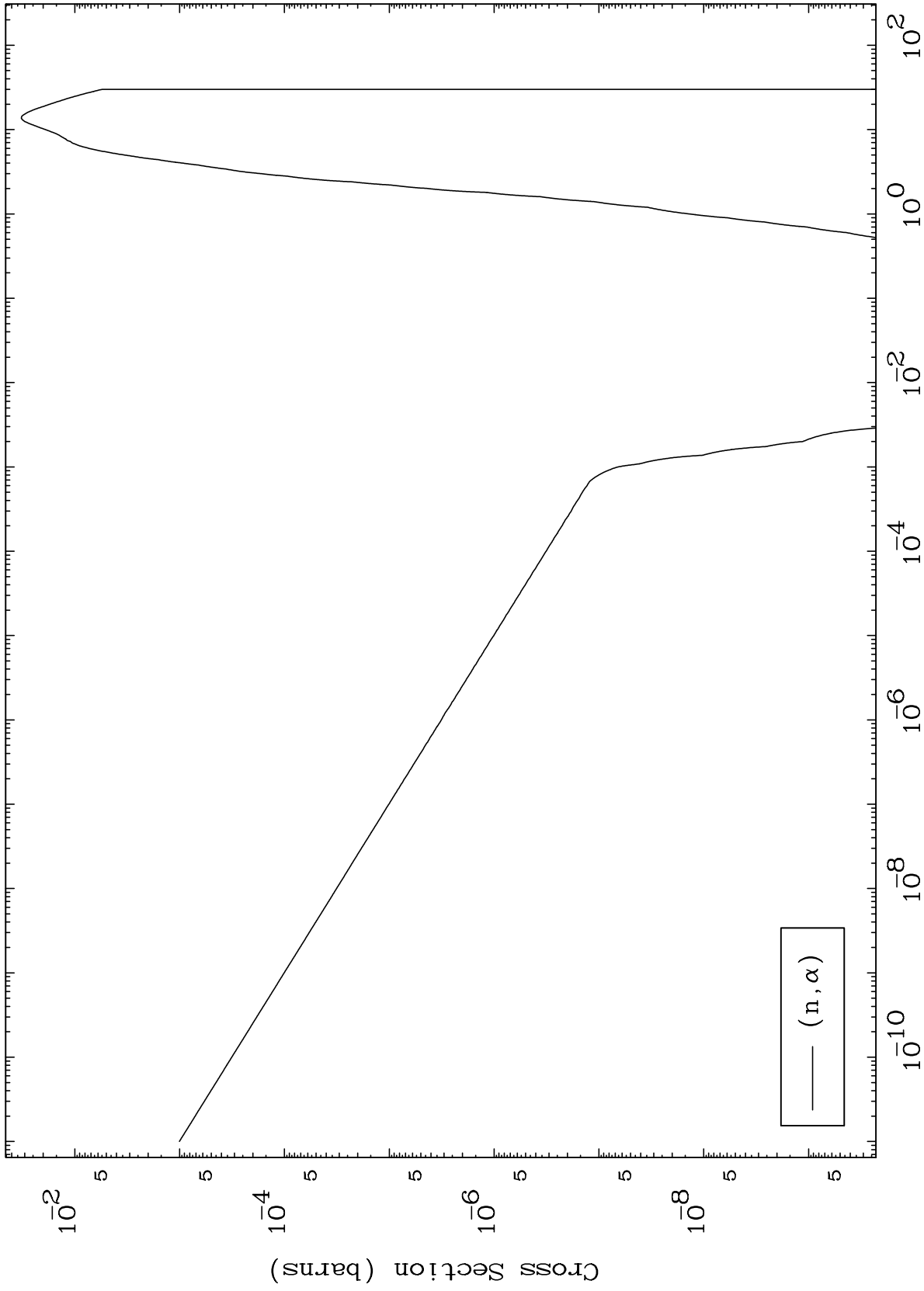
13

30-Zn-66

MAT 3031

(n, α) Levels
293 Kelvin Cross Sections

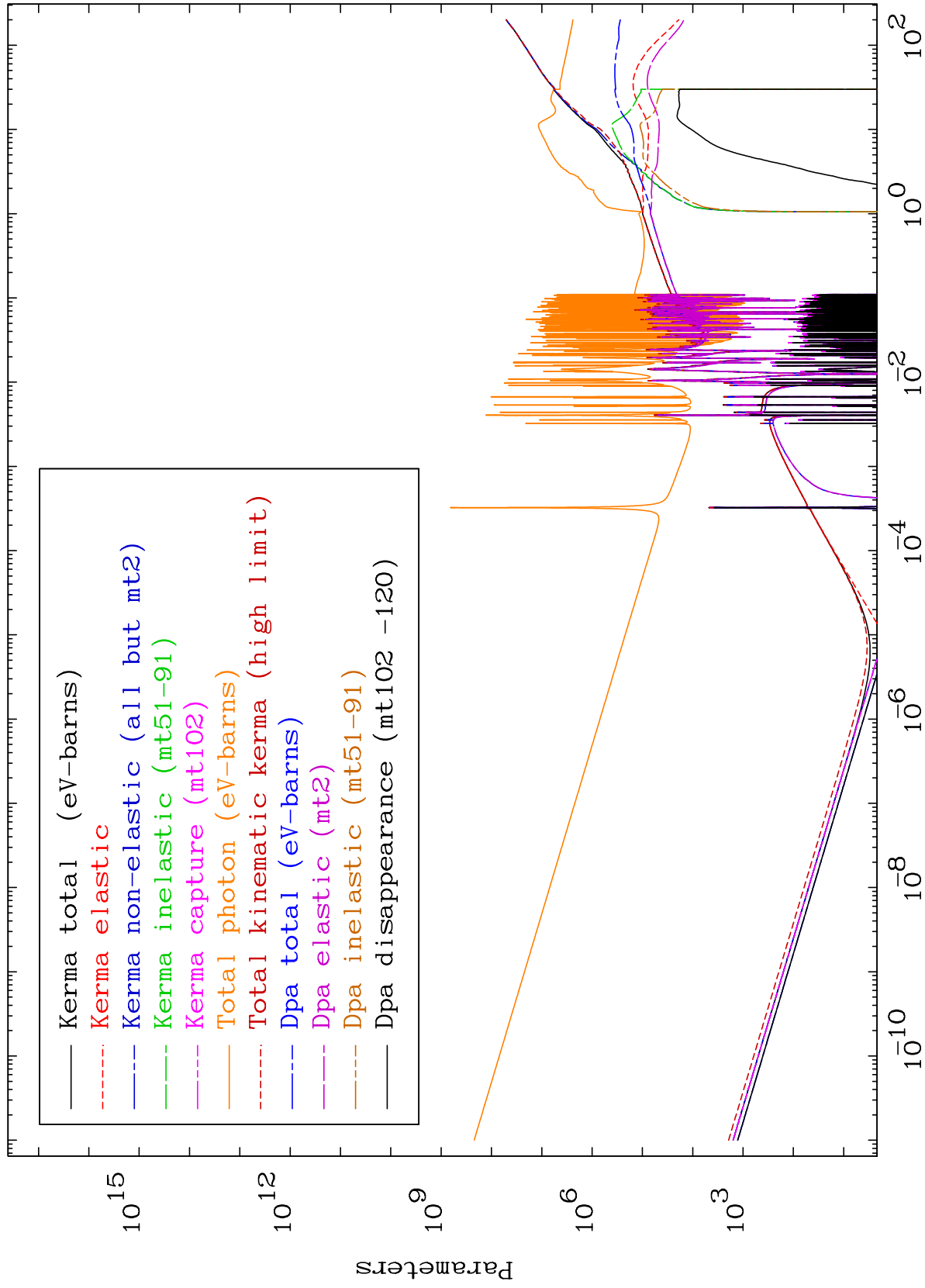
30-Zn-66

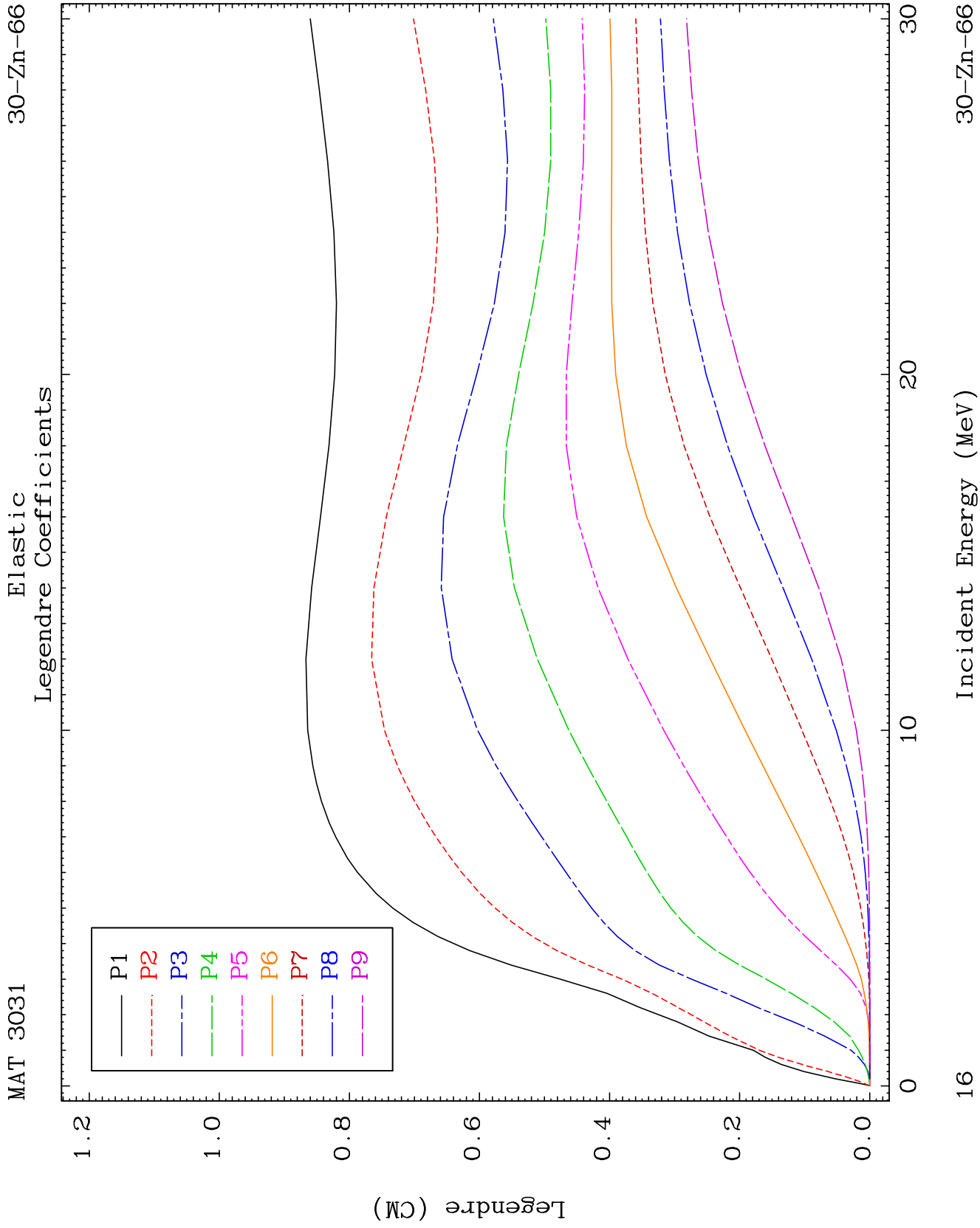


14

Incident Energy (MeV)

30-Zn-66

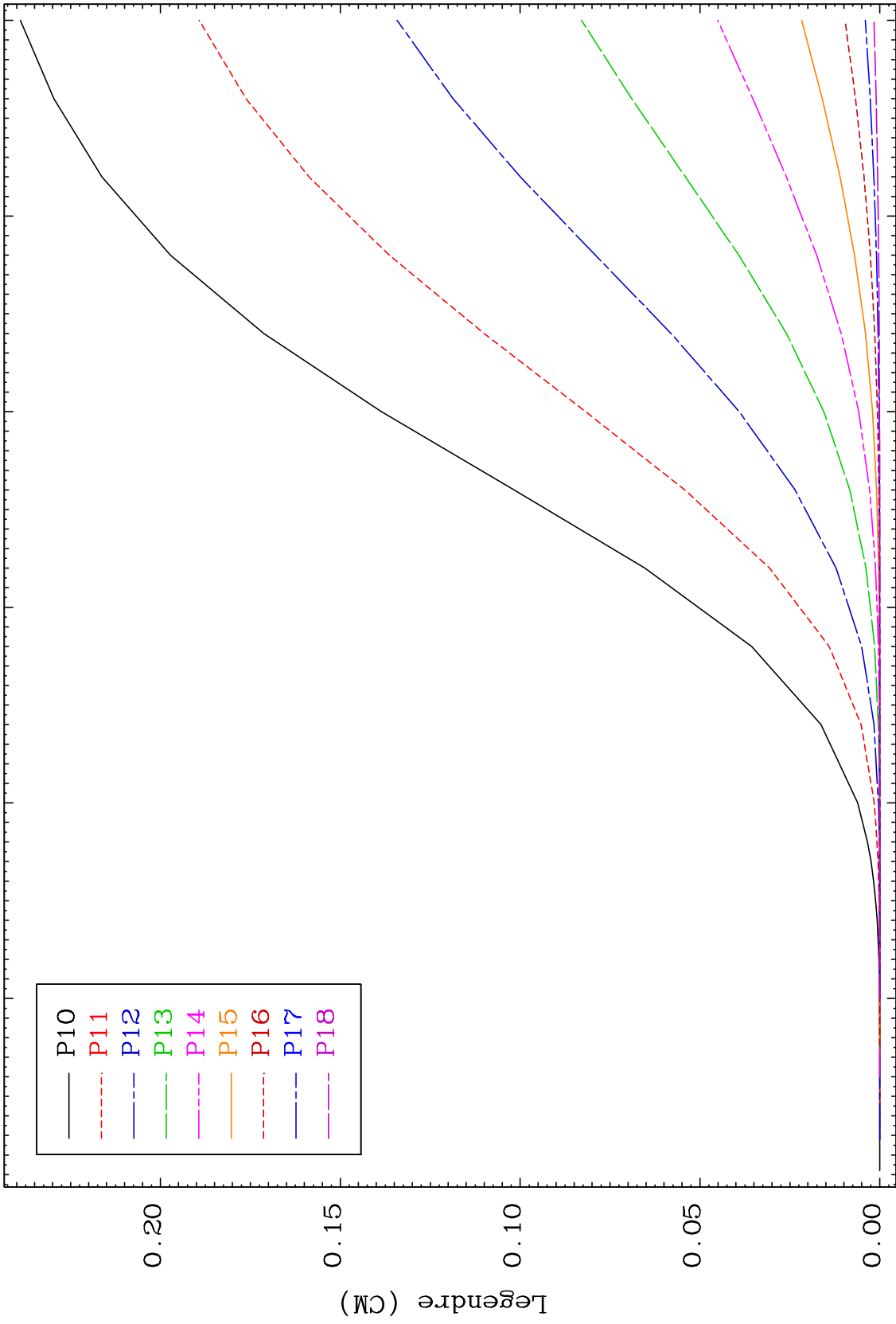




MAT 3031

Elastic Legendre Coefficients

30-Zn-66



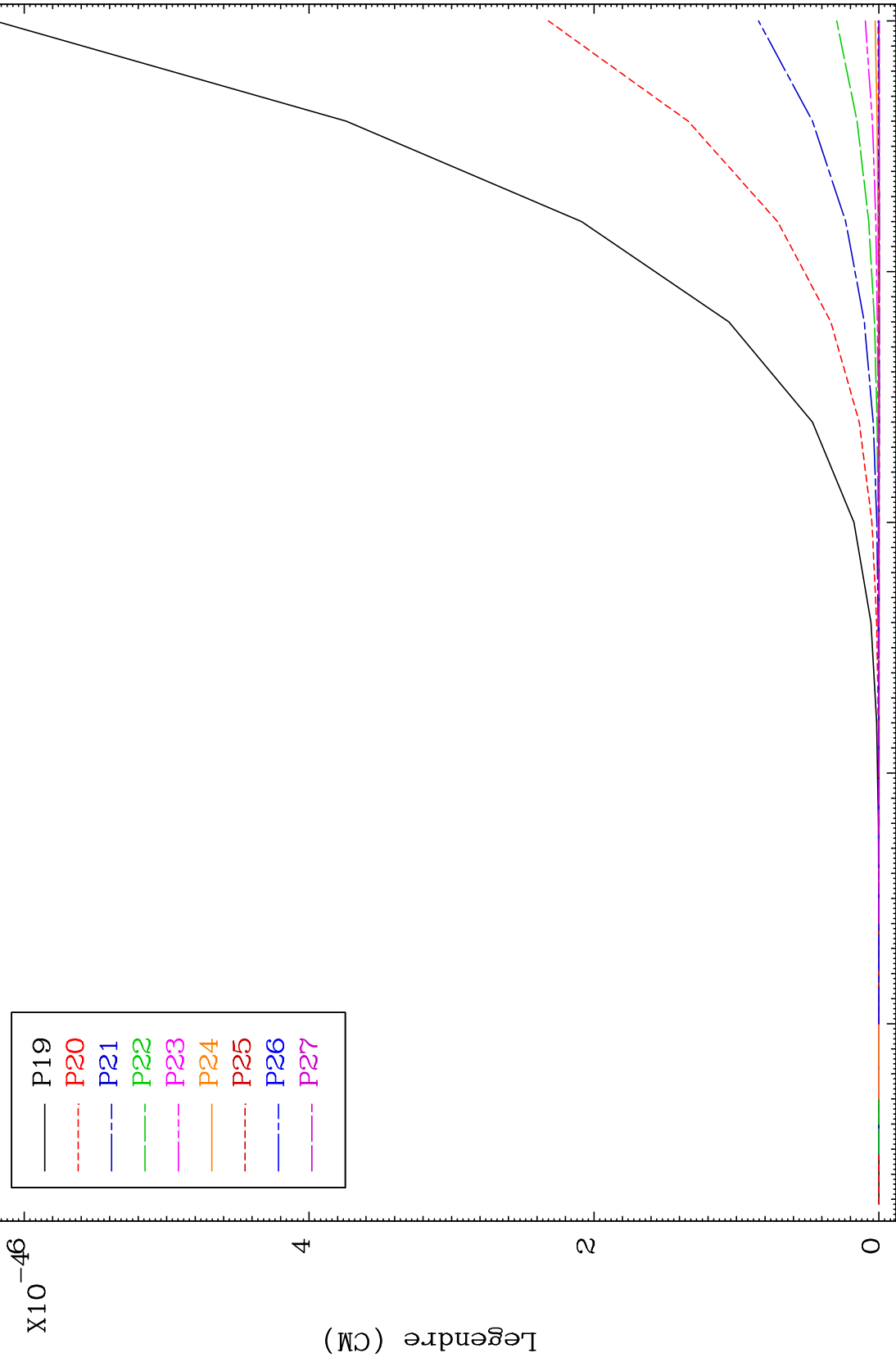
17

30-Zn-66

MAT 3031

Elastic Legendre Coefficients

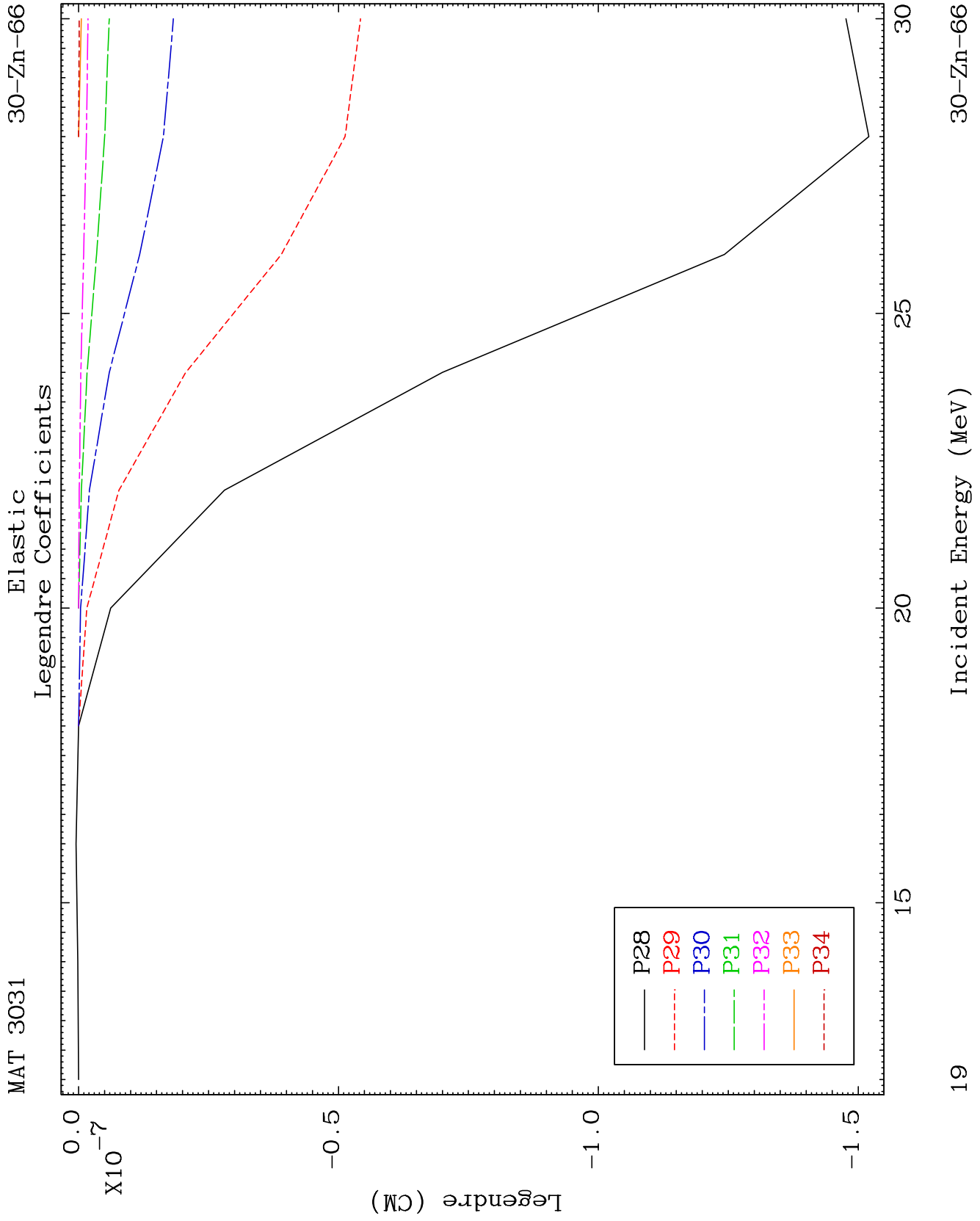
30-Zn-66



18

Incident Energy (MeV)

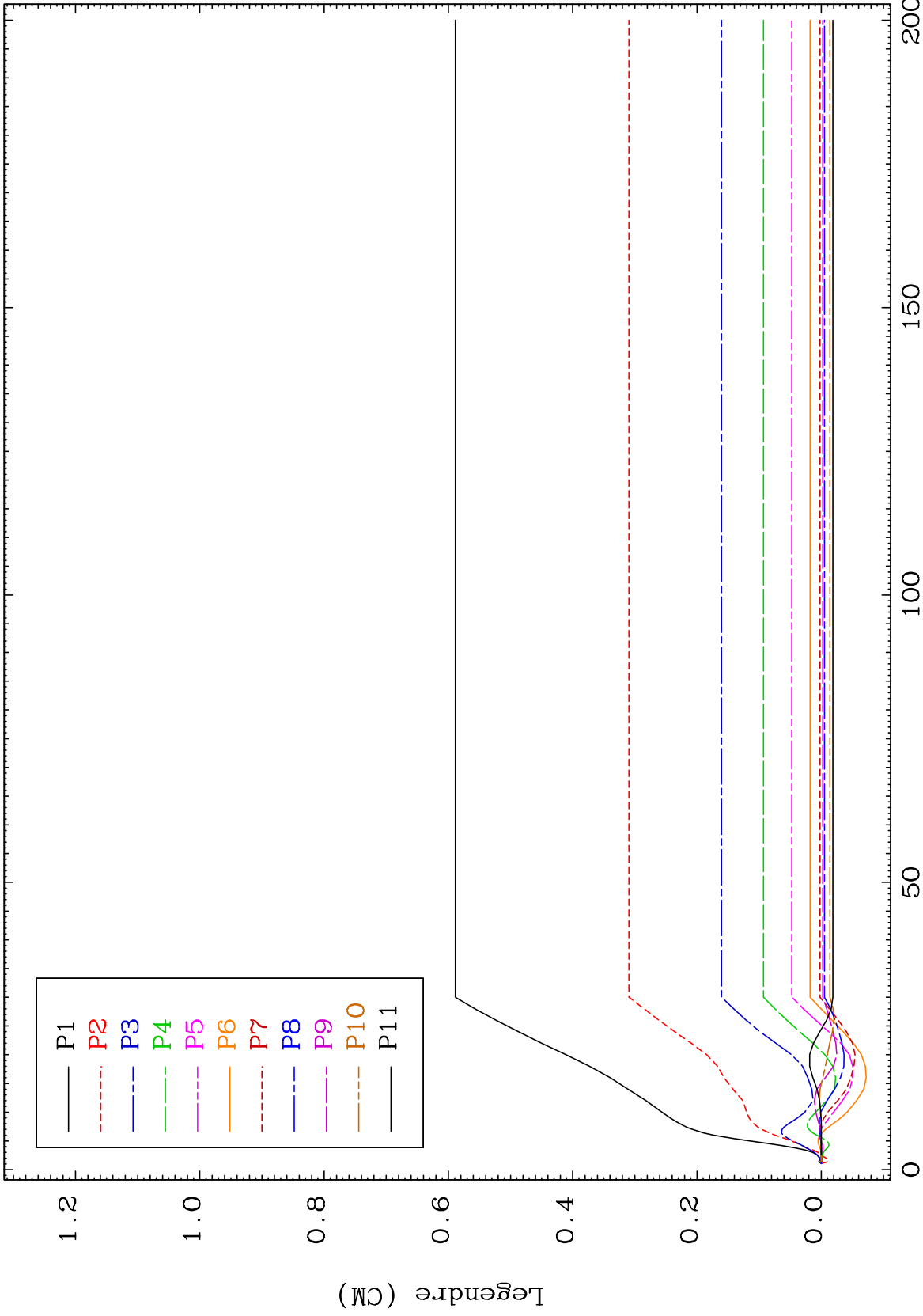
30-Zn-66



MAT 3031

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

30-Zn-66



30-Zn-66

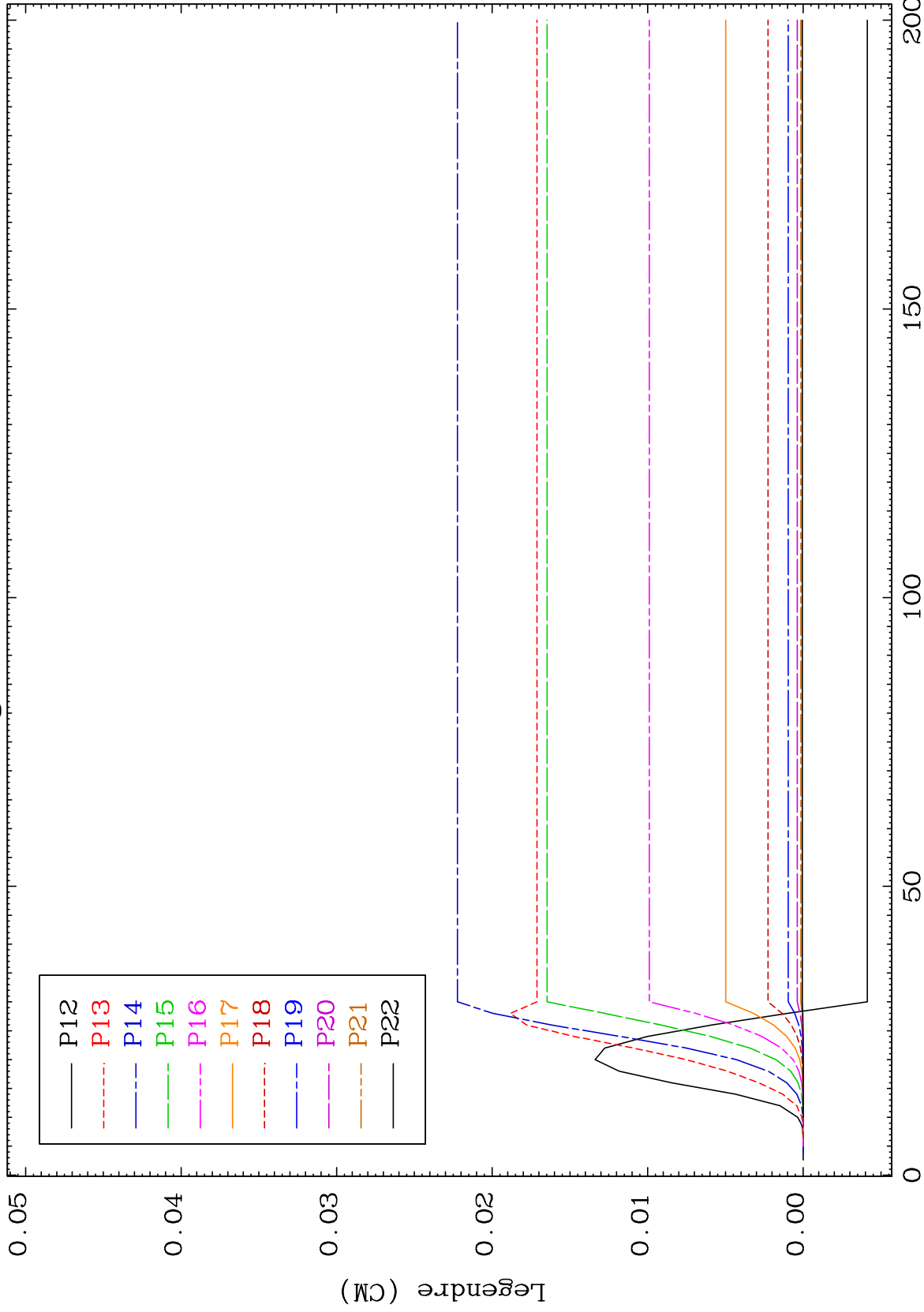
Incident Energy (MeV)

20

MAT 3031

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

30-Zn-66

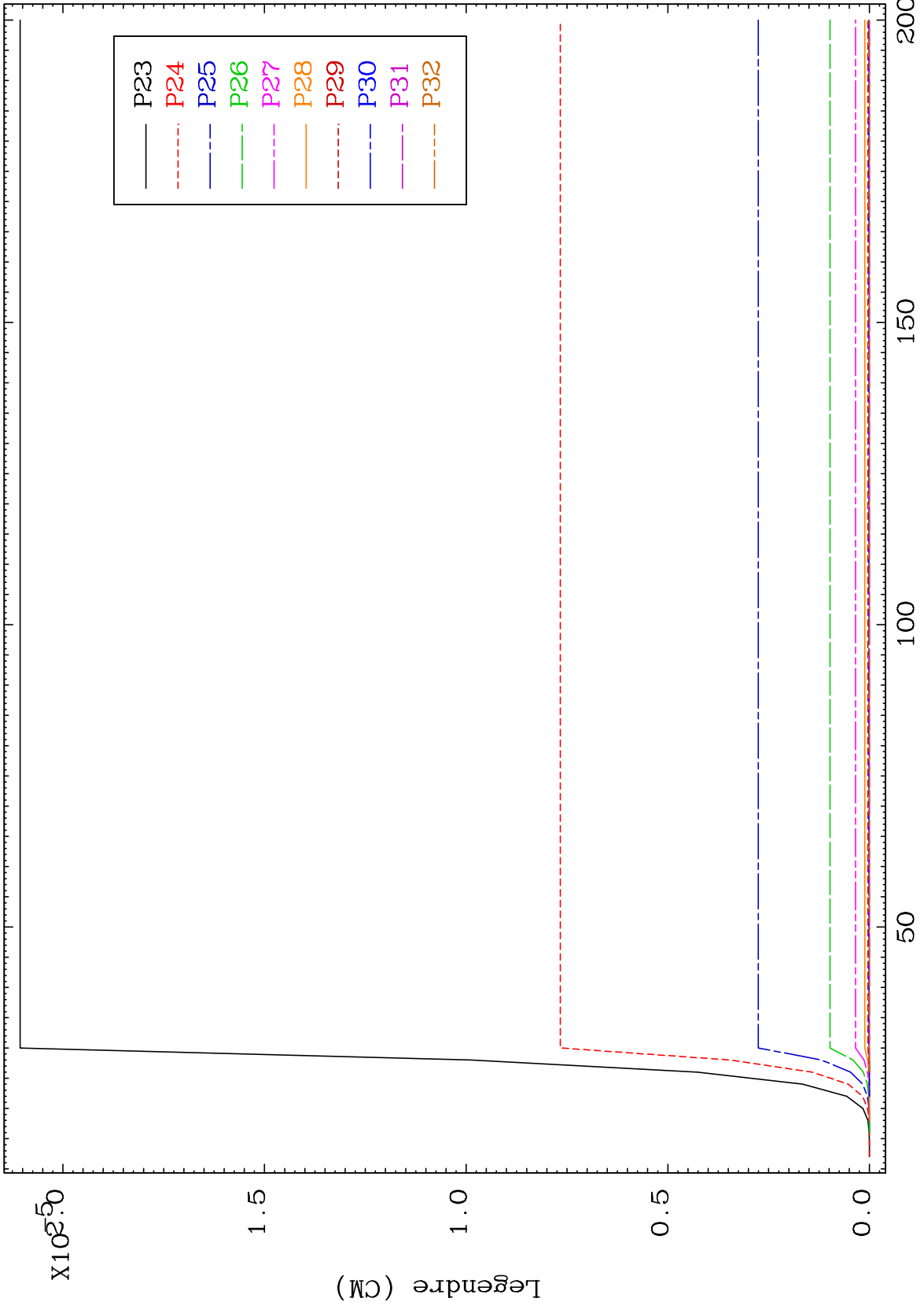


21

Incident Energy (MeV)

30-Zn-66

MAT 3031 MT= 51 (n,n') Level Legendre Coefficients 30-Zn-66

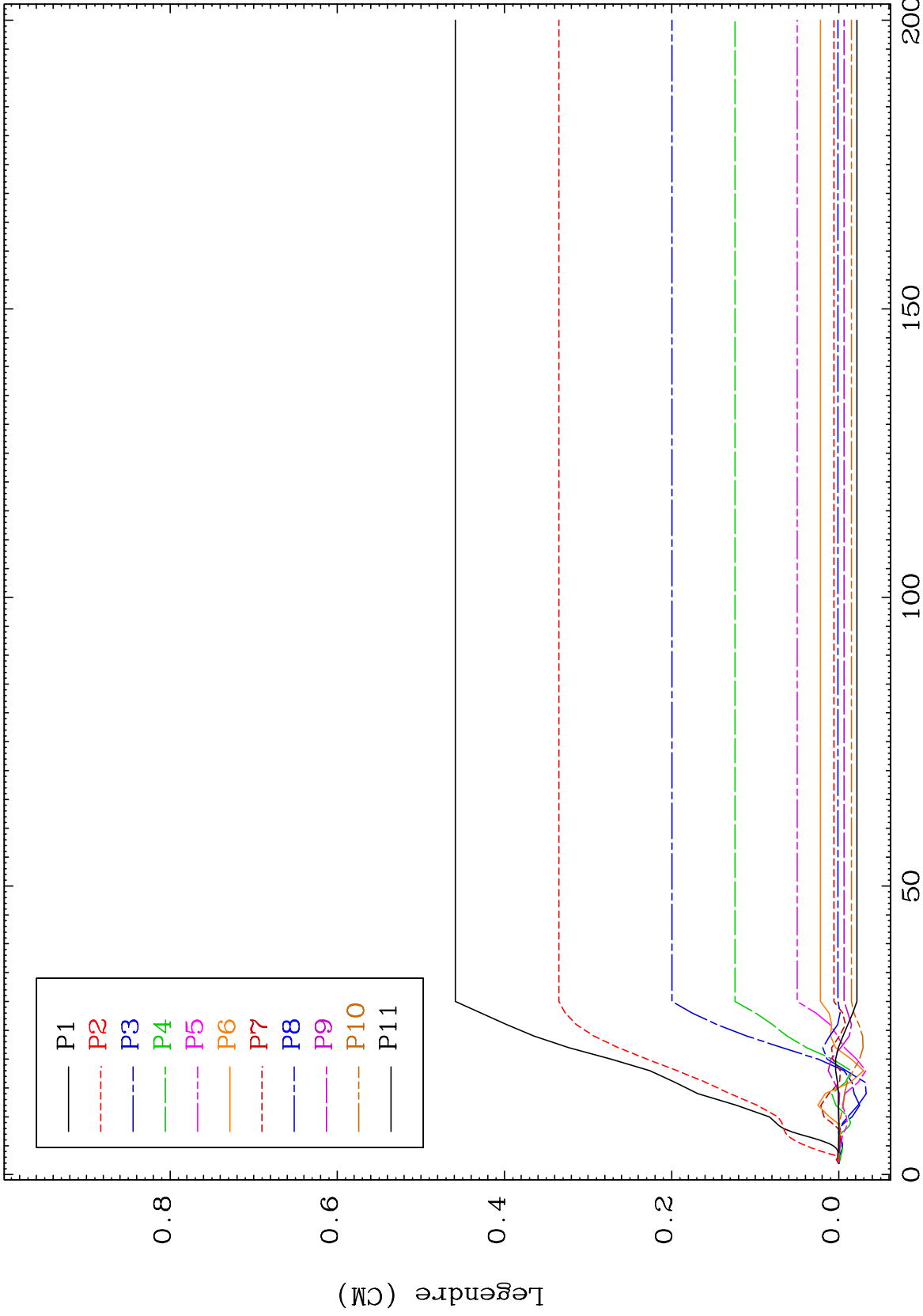


Legendre (CM) X10^5.0 Incident Energy (MeV) 30-Zn-66

MAT 3031

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

30-Zn-66

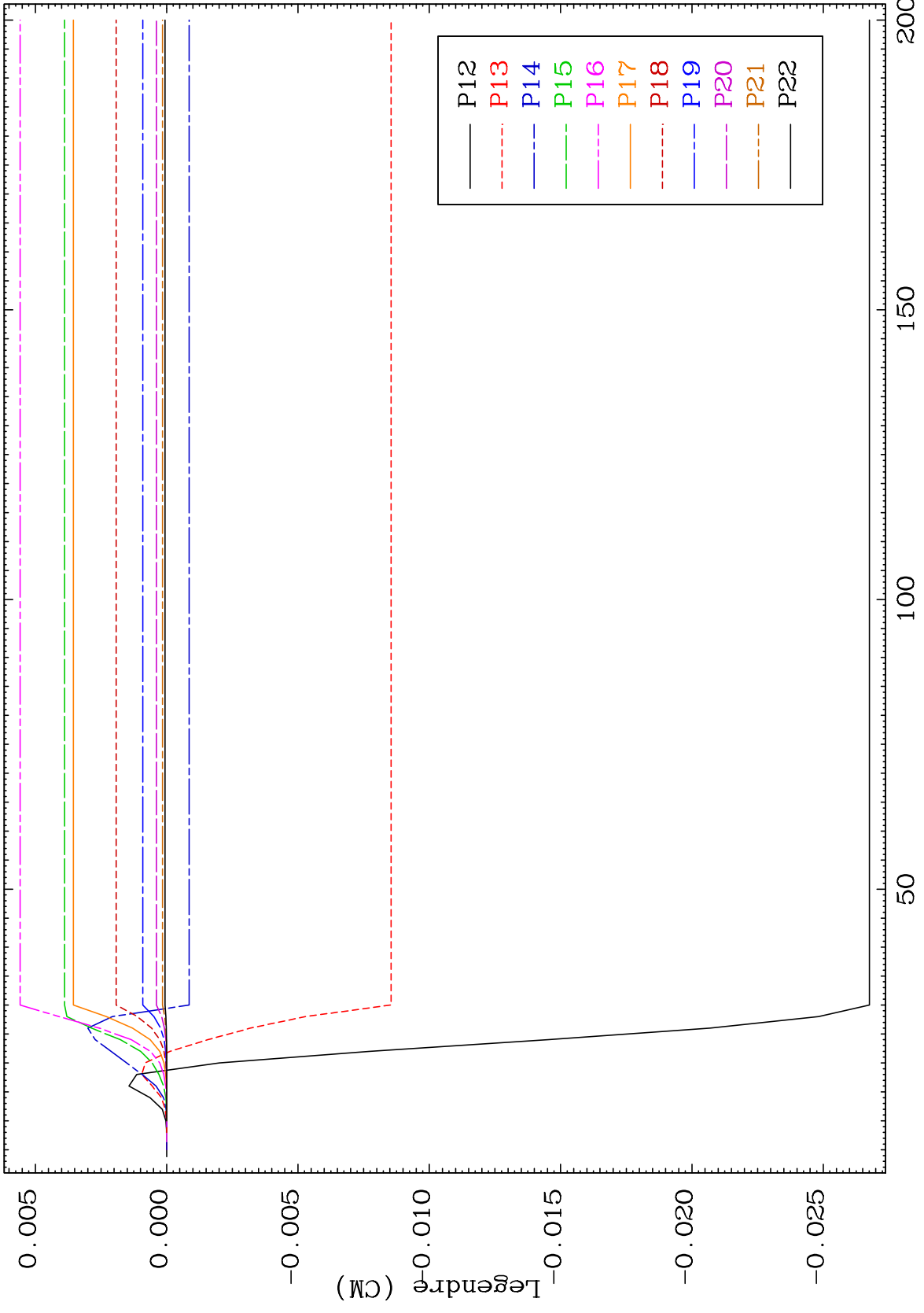


23

Incident Energy (MeV)

30-Zn-66

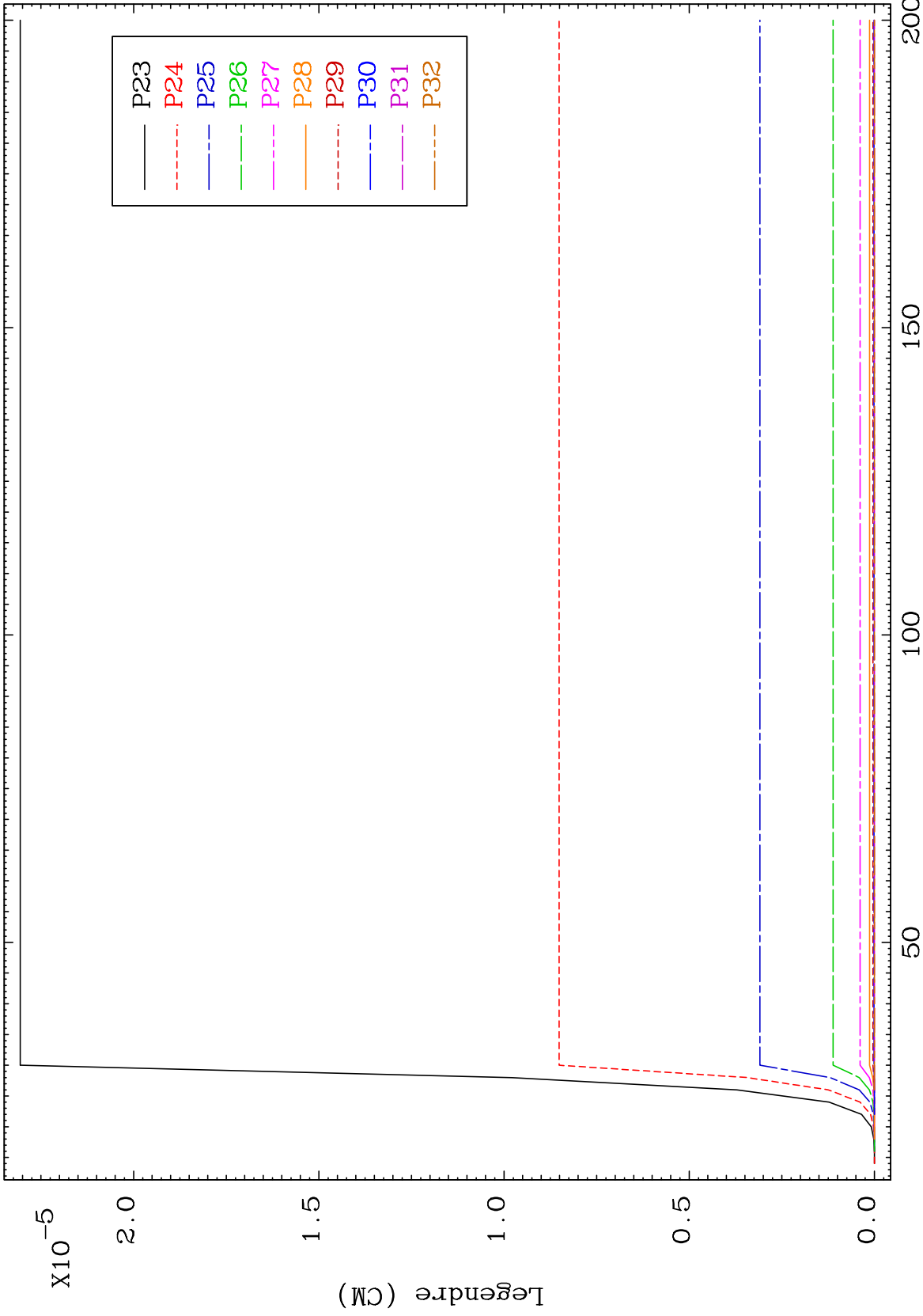
MAT 3031 MT= 52 (n,n') Level Legendre Coefficients 30-Zn-66



MAT 3031

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

30-Zn-66



25

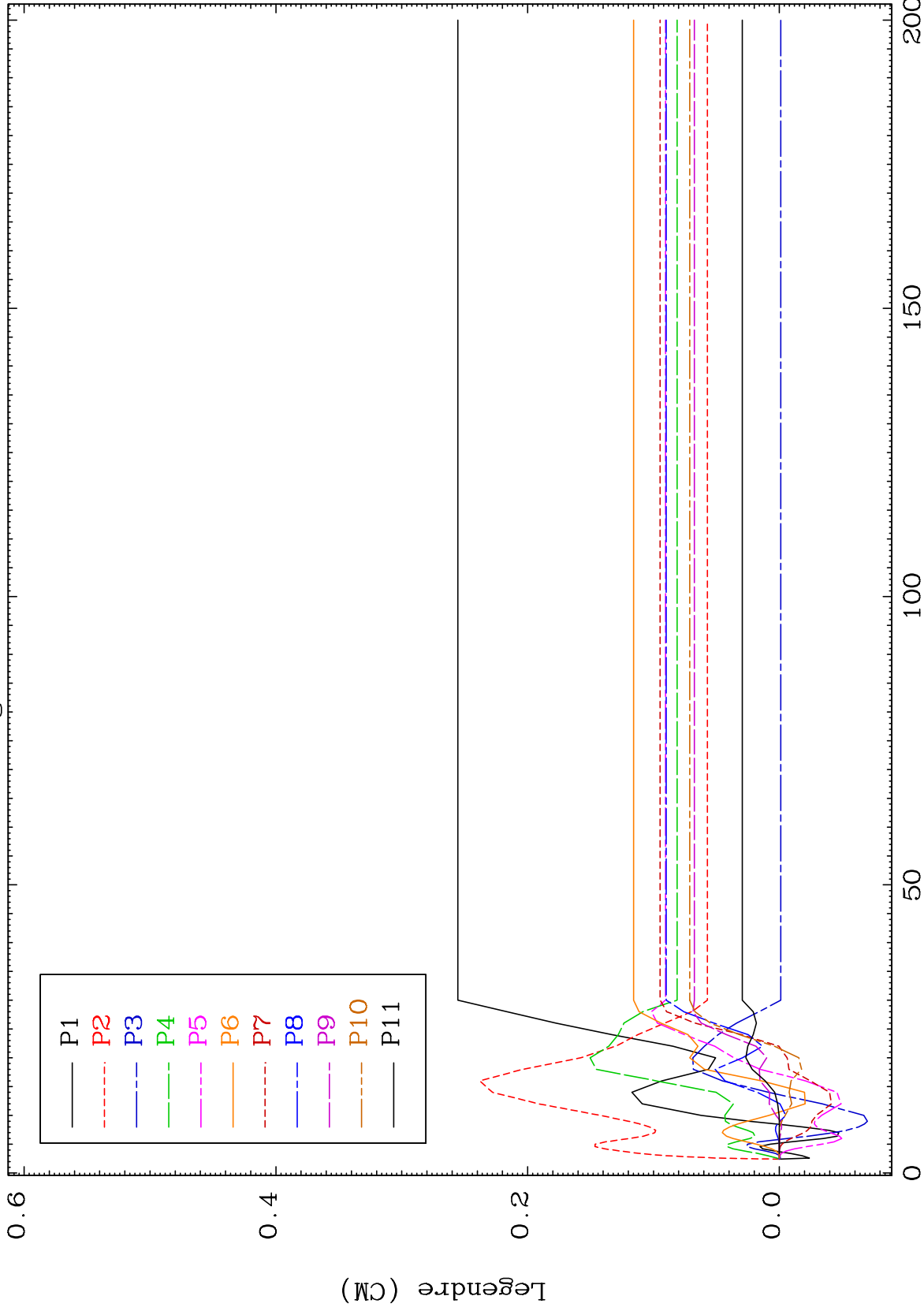
Incident Energy (MeV)

30-Zn-66

MAT 3031

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

30-Zn-66



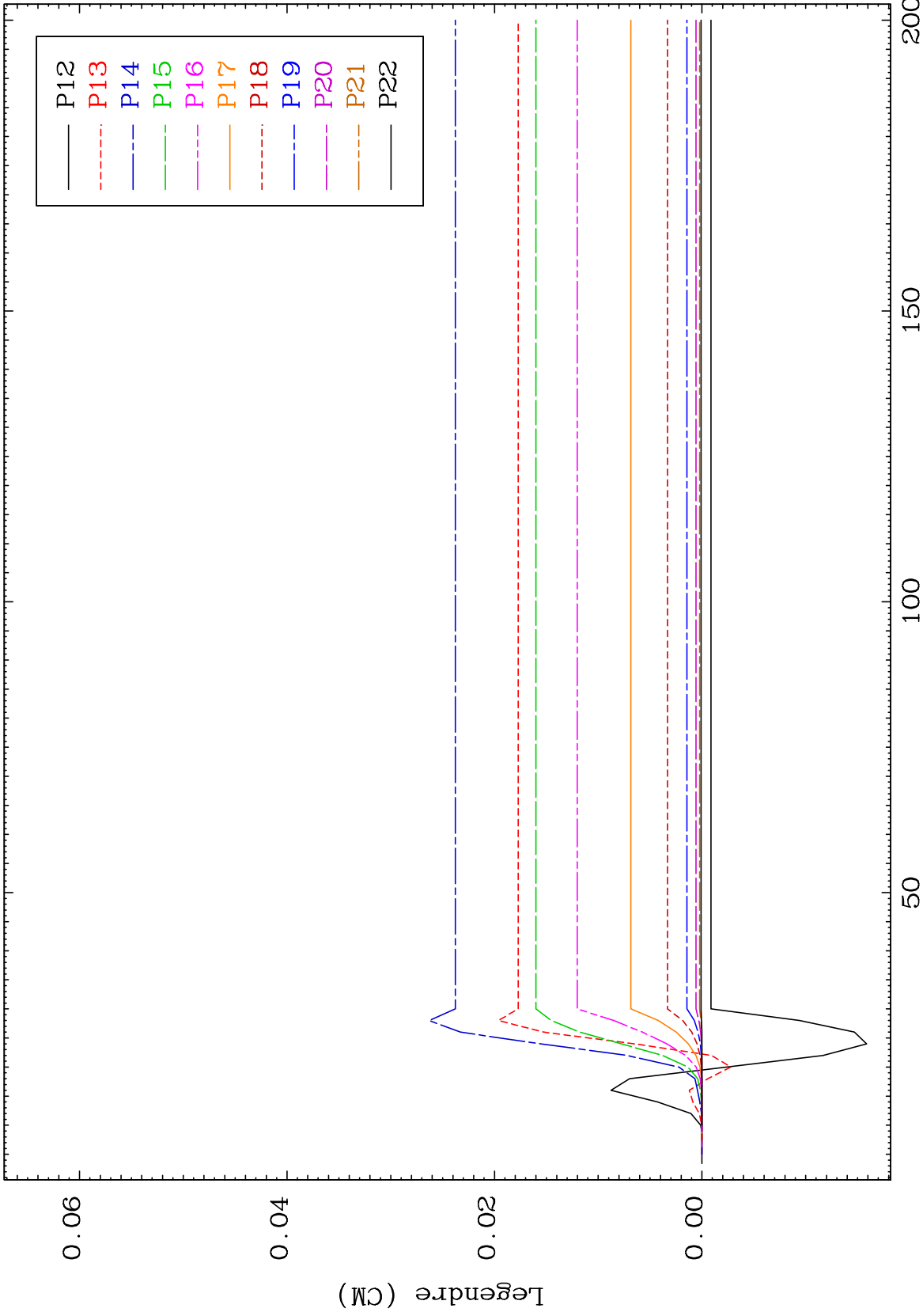
26

30-Zn-66

MAT 3031

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

30-Zn-66



27

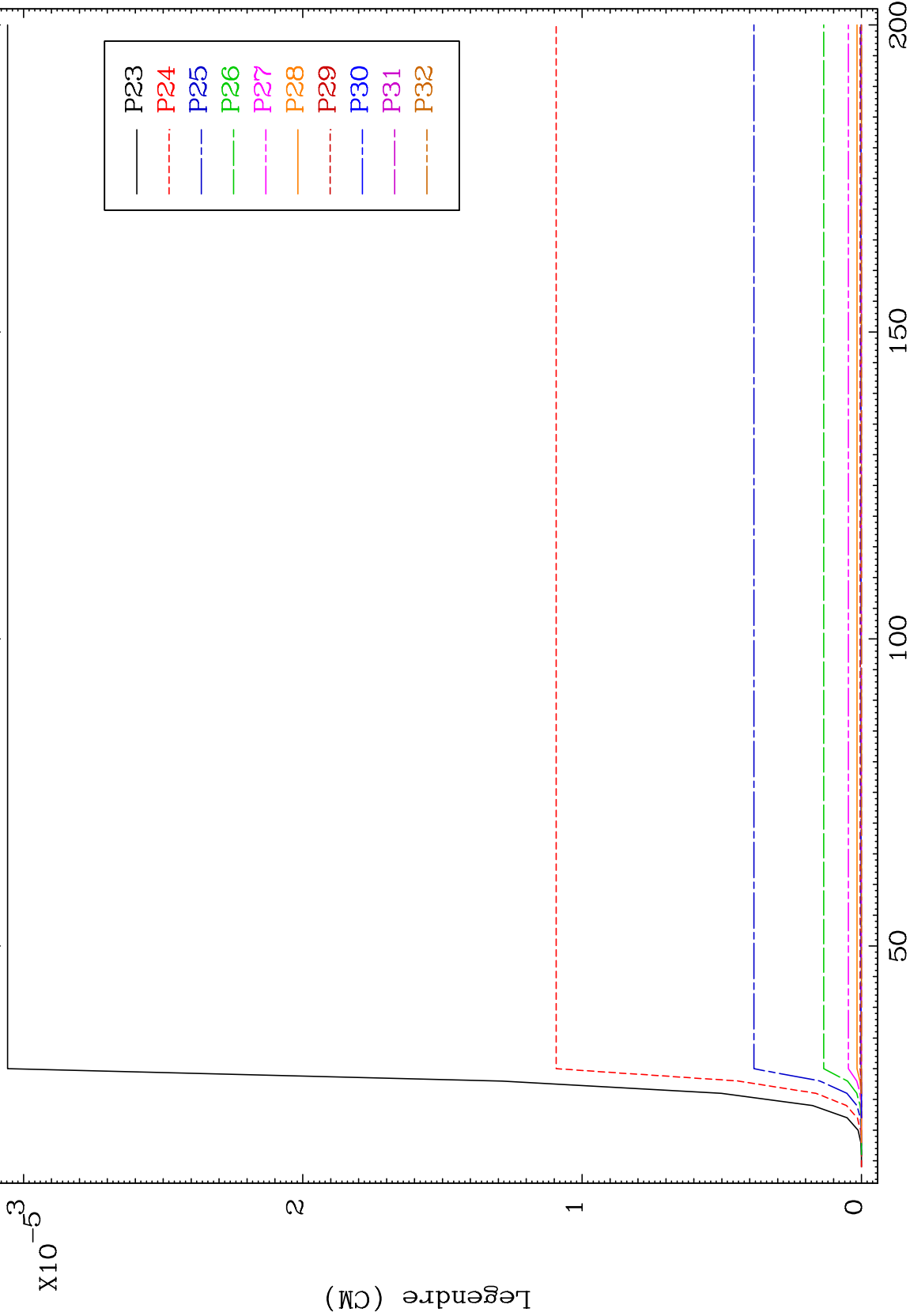
Incident Energy (MeV)

30-Zn-66

MAT 3031

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

30-Zn-66



28

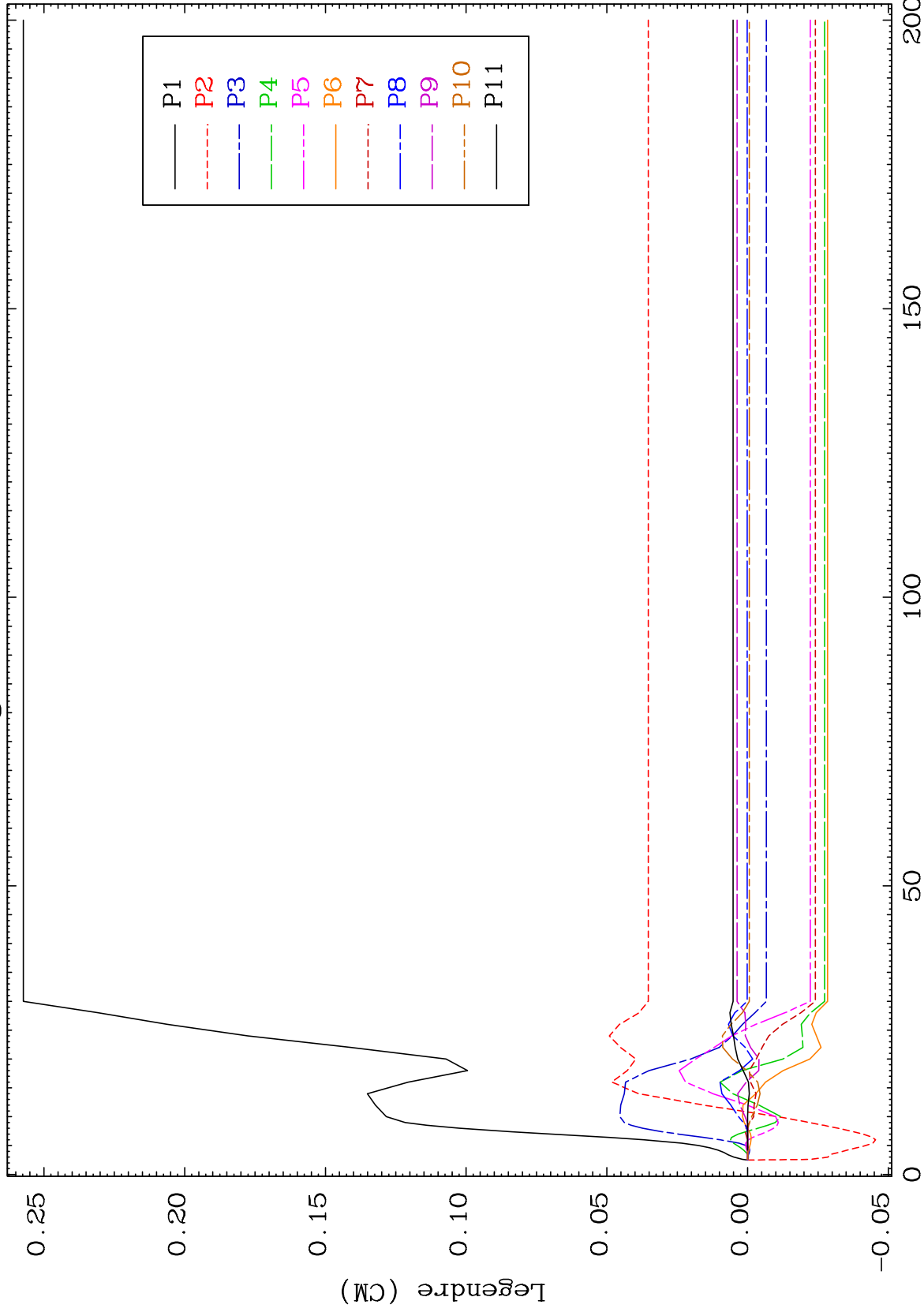
Incident Energy (MeV)

30-Zn-66

MAT 3031

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

30-Zn-66

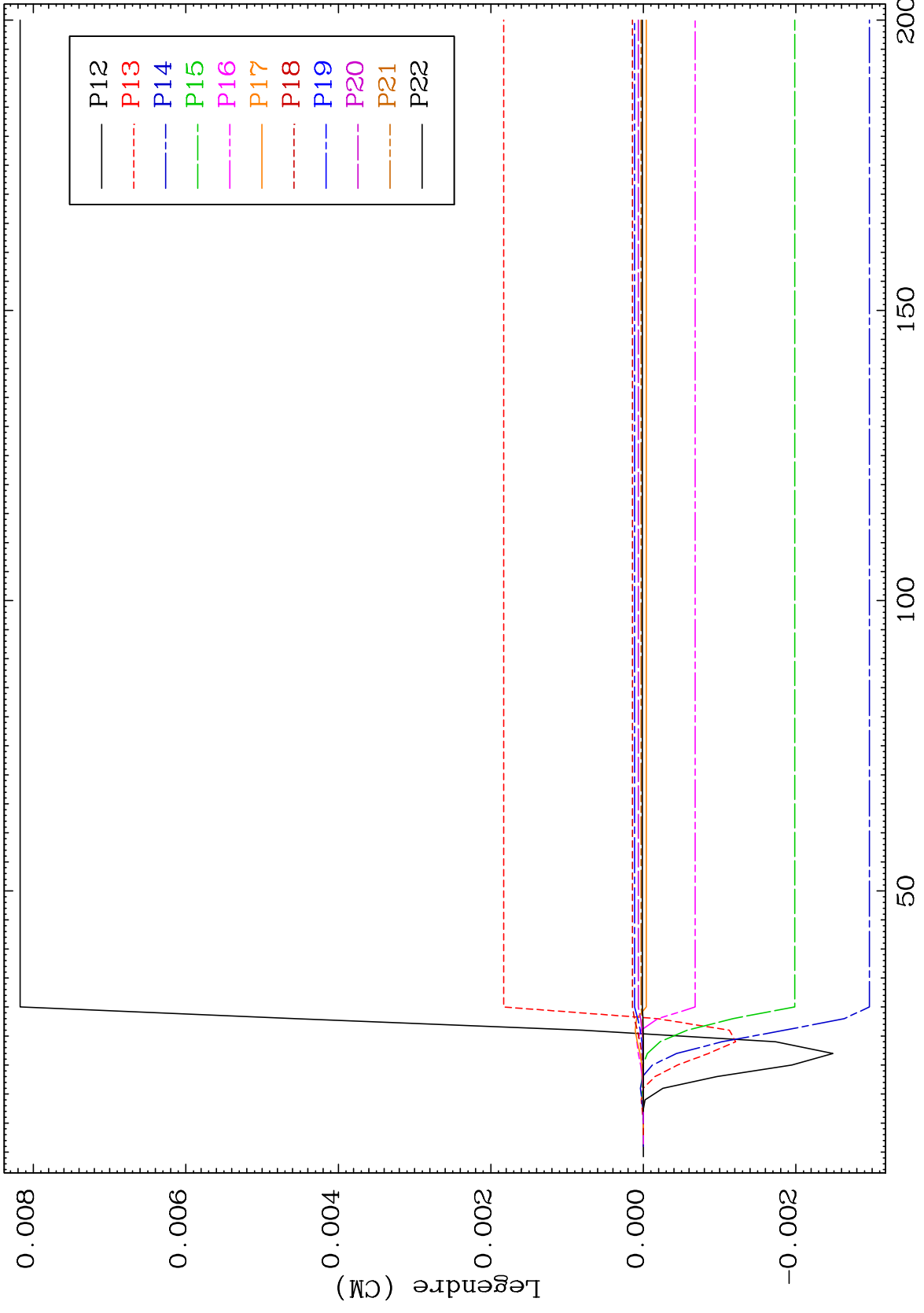


29

Incident Energy (MeV)

30-Zn-66

MAT 3031 MT= 54 (n,n') Level Legendre Coefficients 30-Zn-66

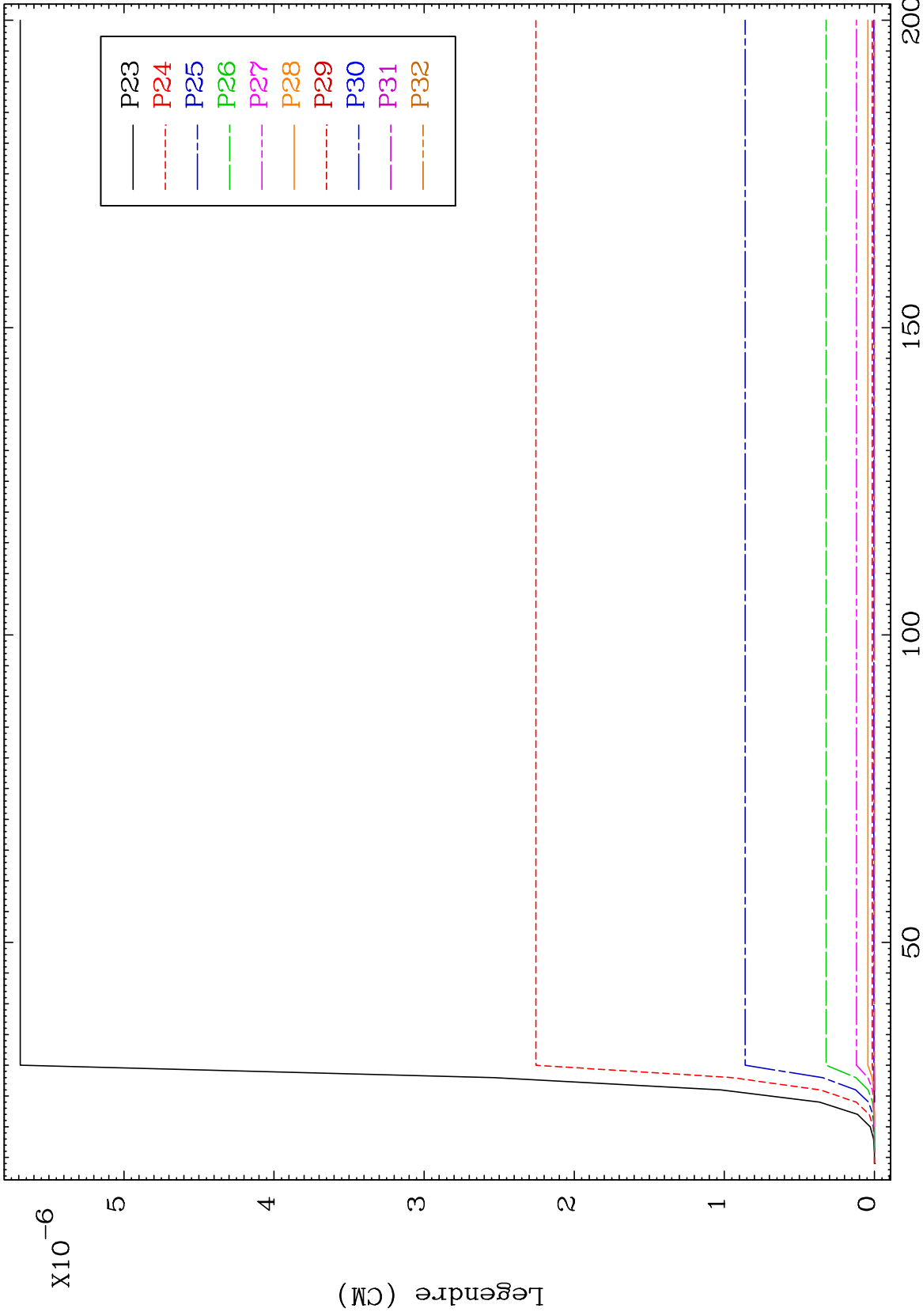


30 Incident Energy (MeV) 30-Zn-66

MAT 3031

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

30-Zn-66



31

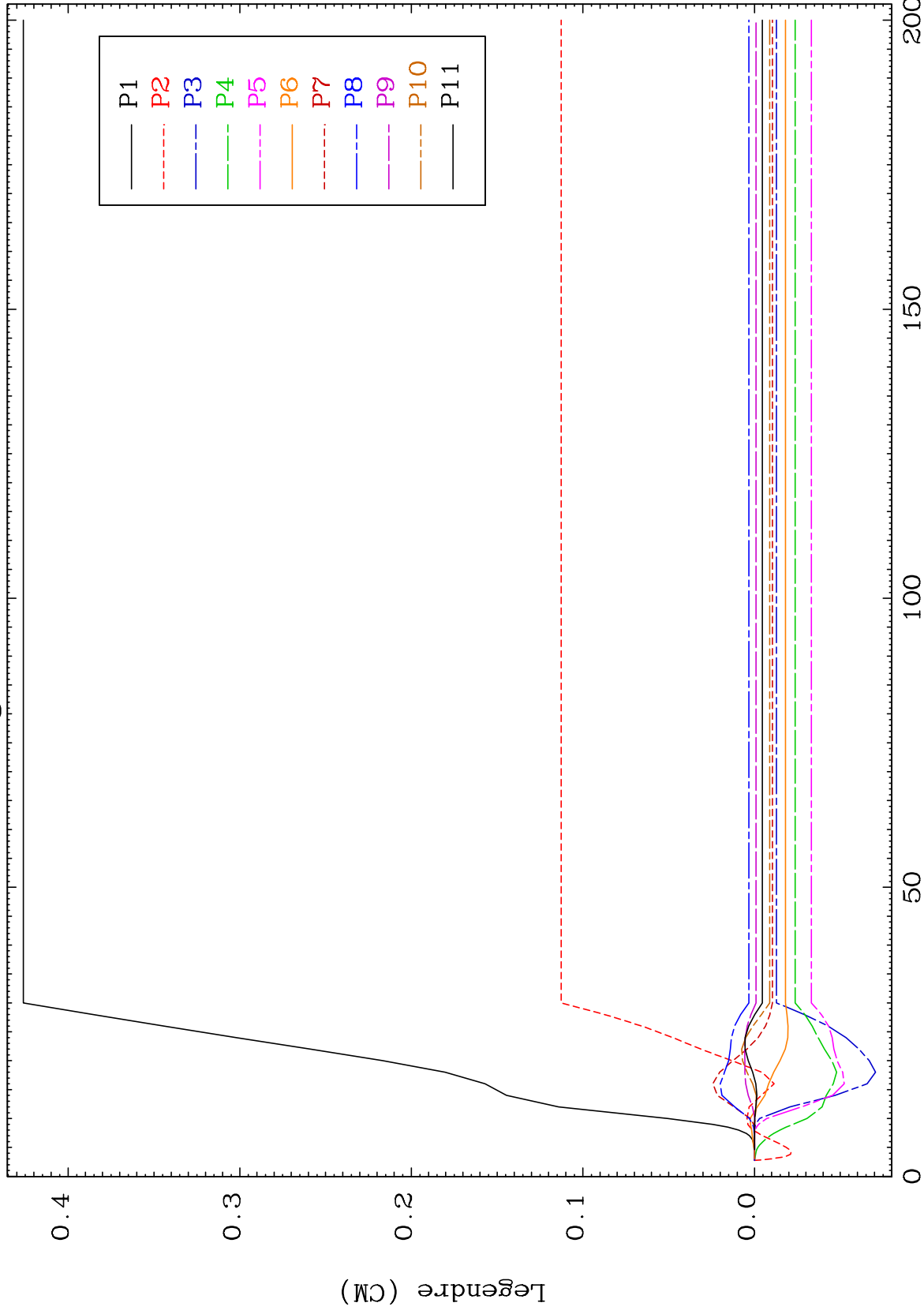
Incident Energy (MeV)

30-Zn-66

MAT 3031

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

30-Zn-66



32

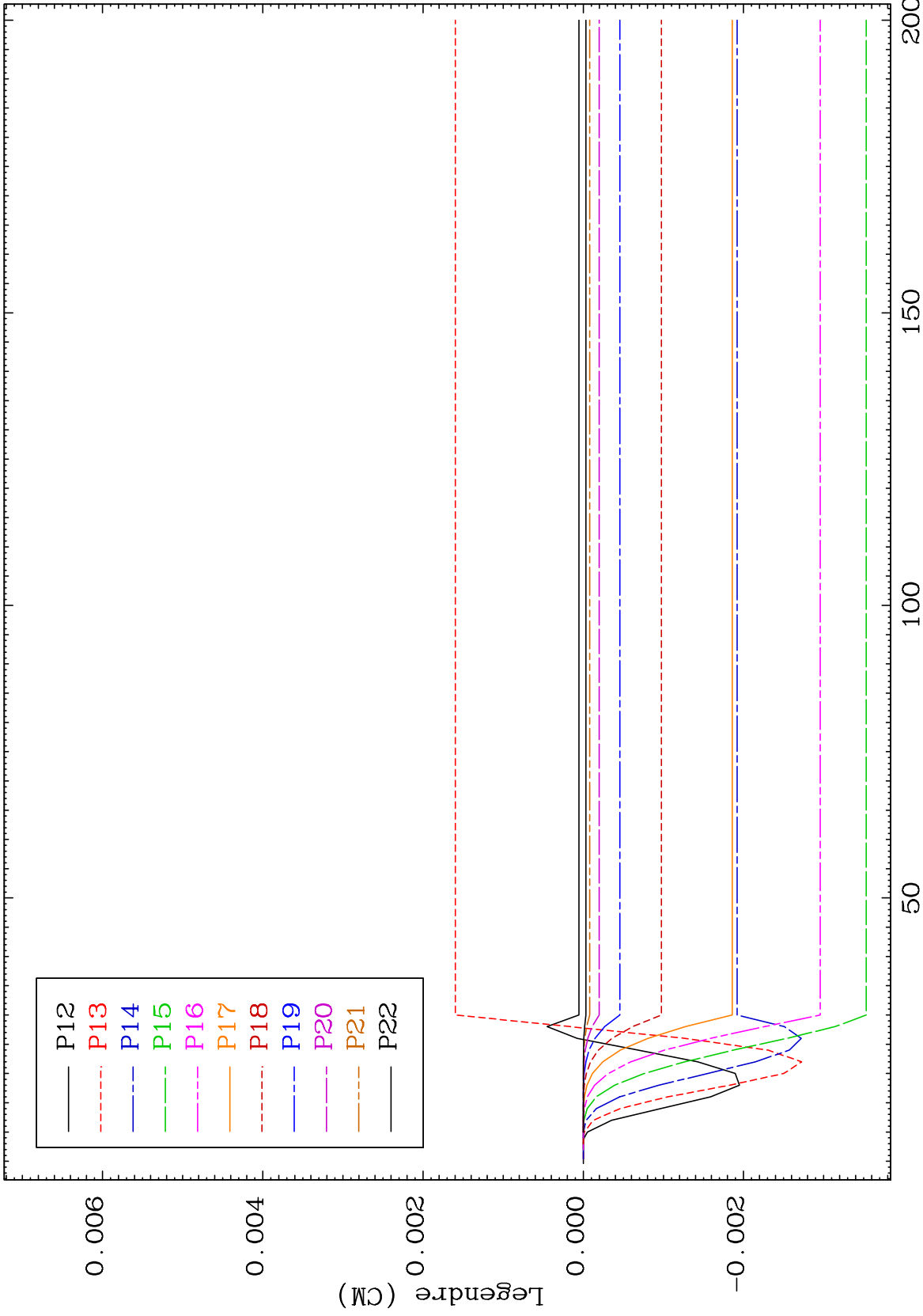
Incident Energy (MeV)

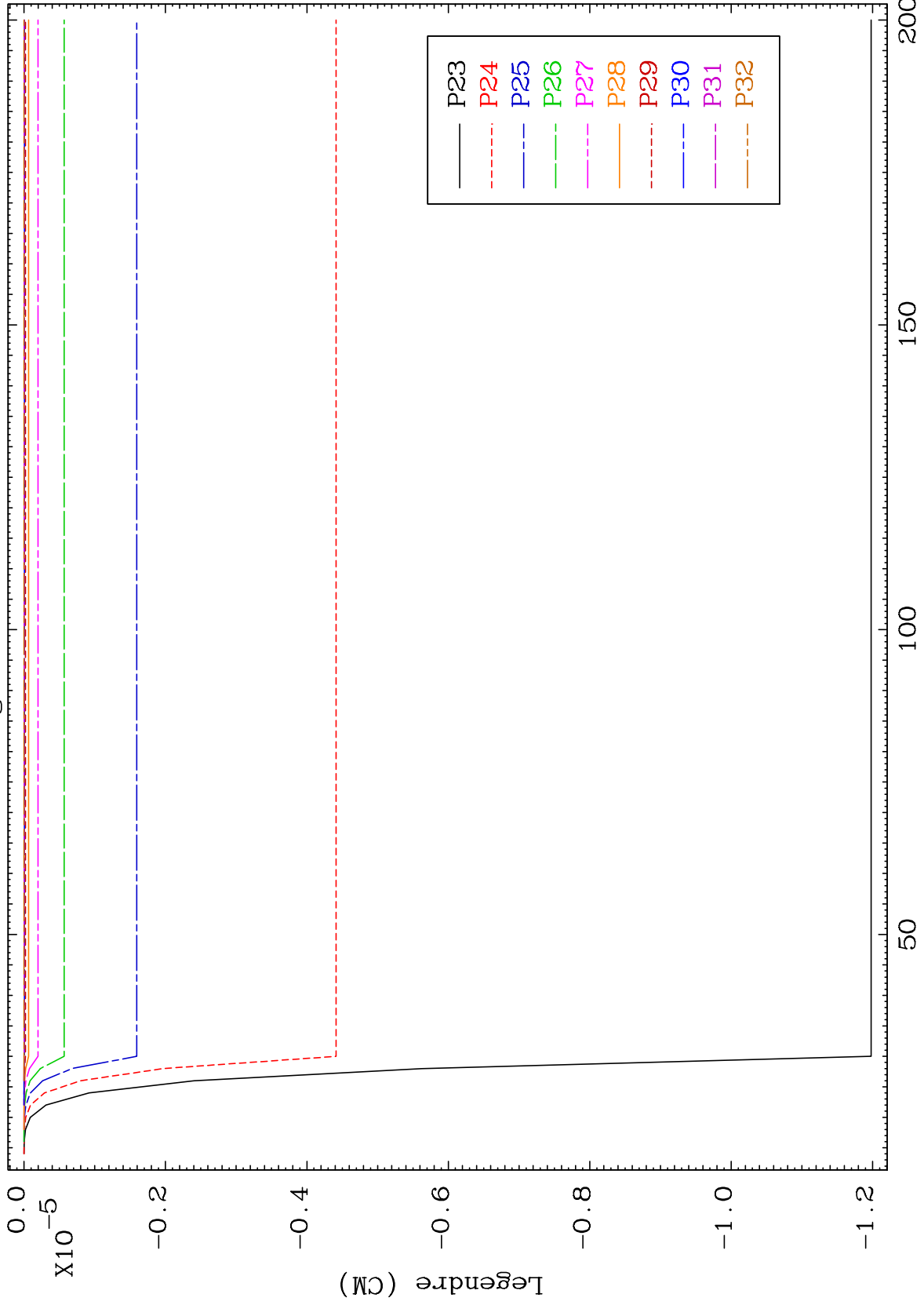
30-Zn-66

MAT 3031

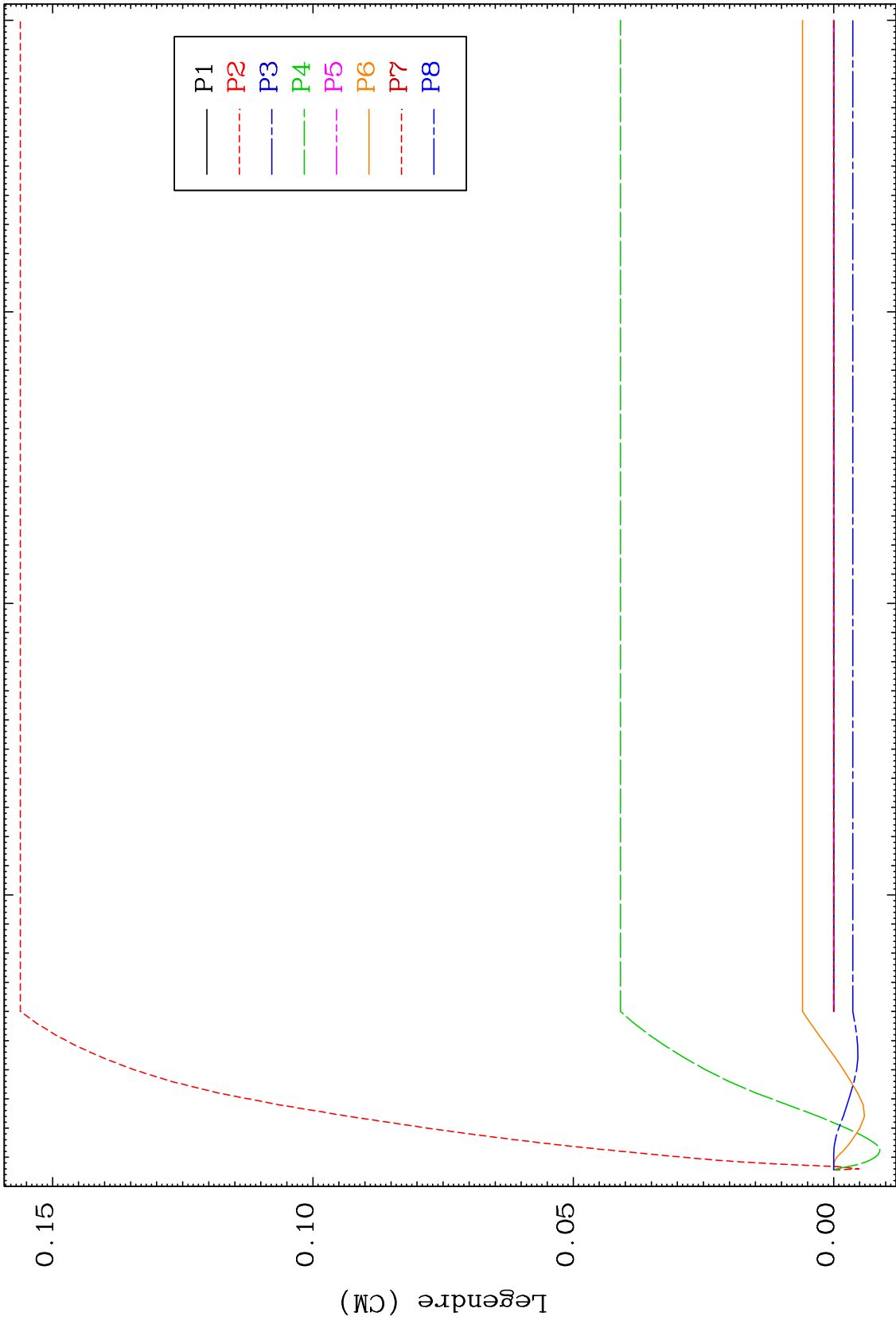
MT= 55 (n,n') Level
Legendre Coefficients

30-Zn-66



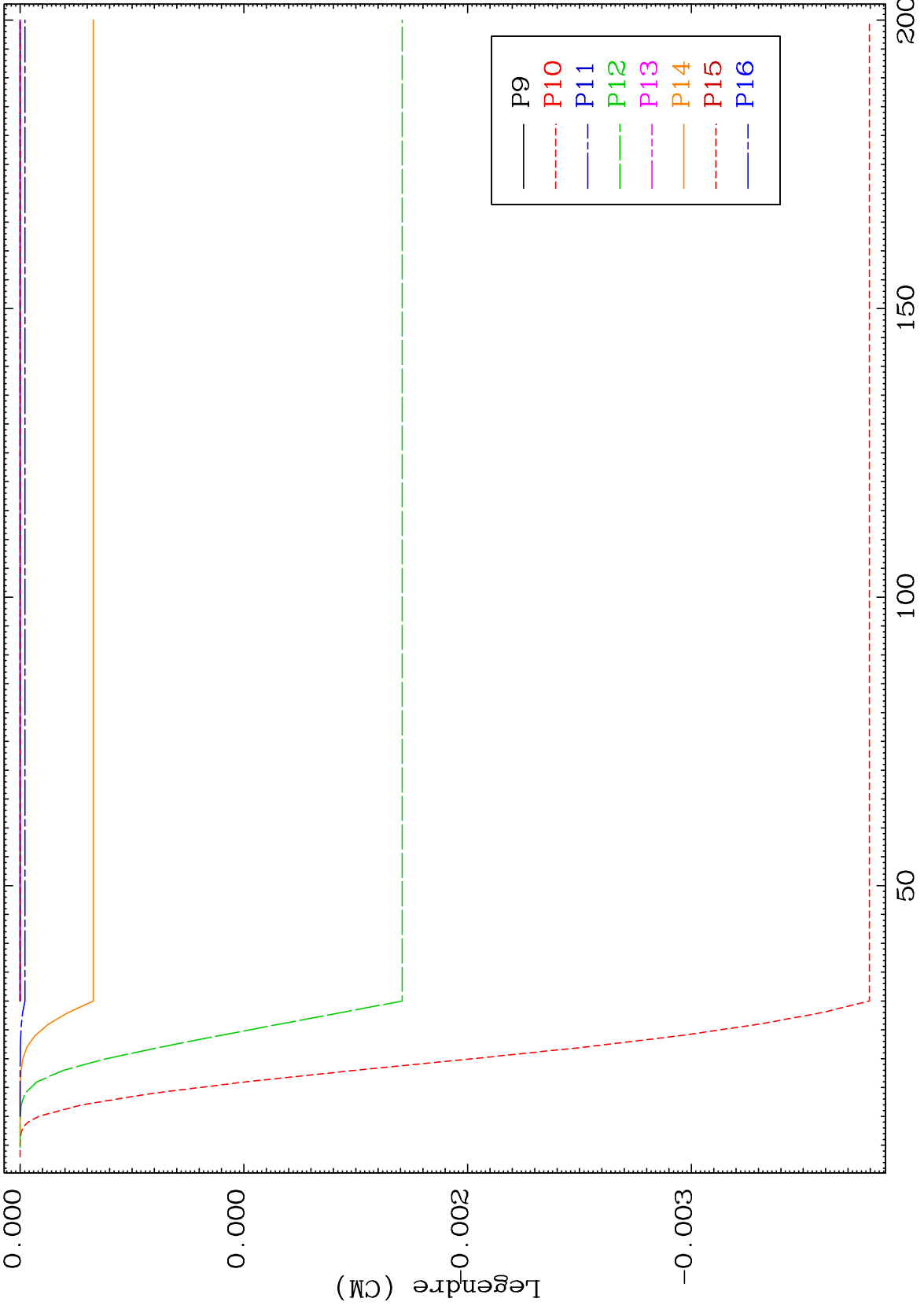


MAT 3031 MT= 56 (n,n') Level Legendre Coefficients 30-Zn-66



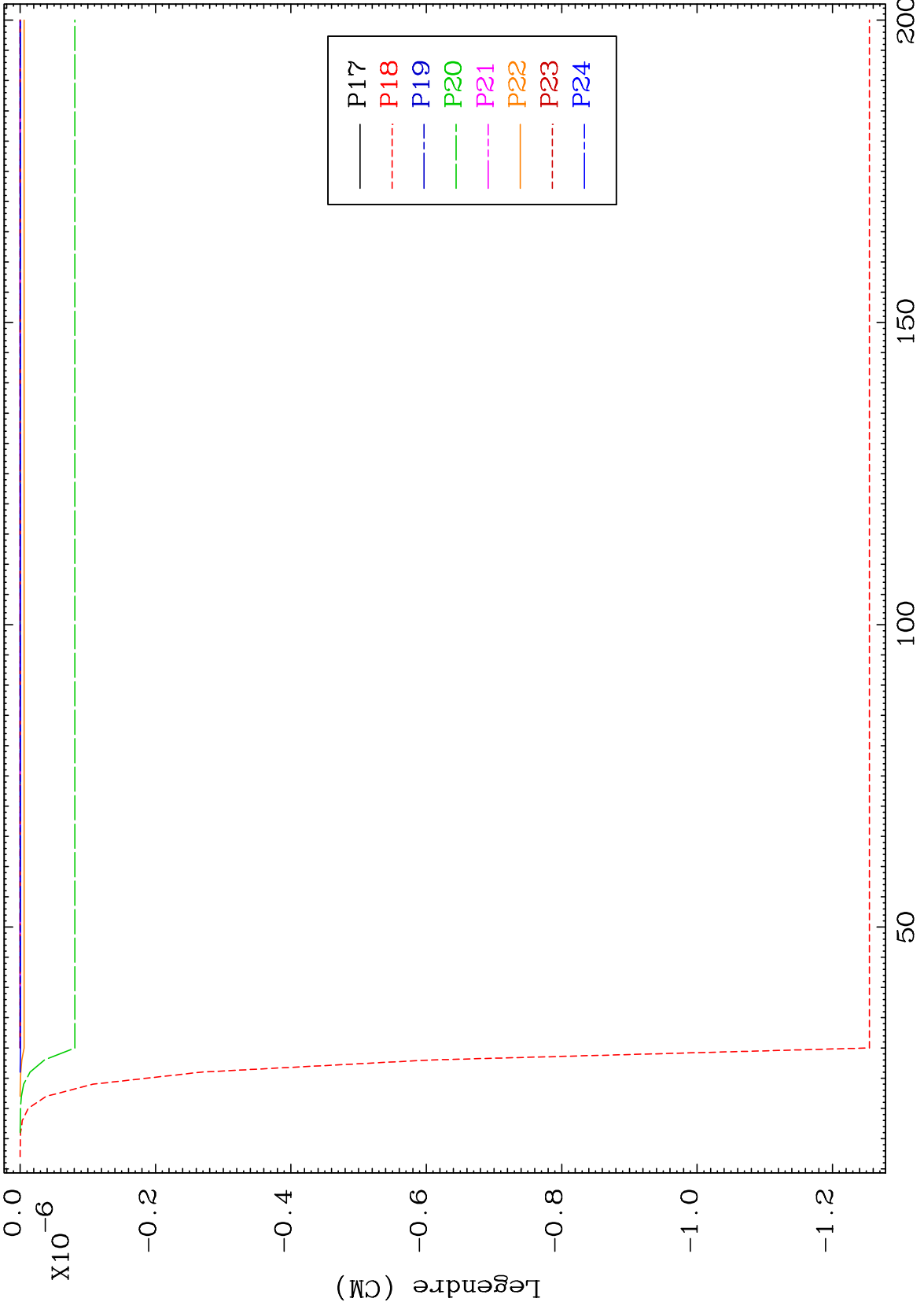
35 Incident Energy (MeV) 30-Zn-66

MAT 3031 MT= 56 (n,n') Level Legendre Coefficients 30-Zn-66



36 30-Zn-66

MAT 3031 MT= 56 (n,n') Level Legendre Coefficients 30-Zn-66

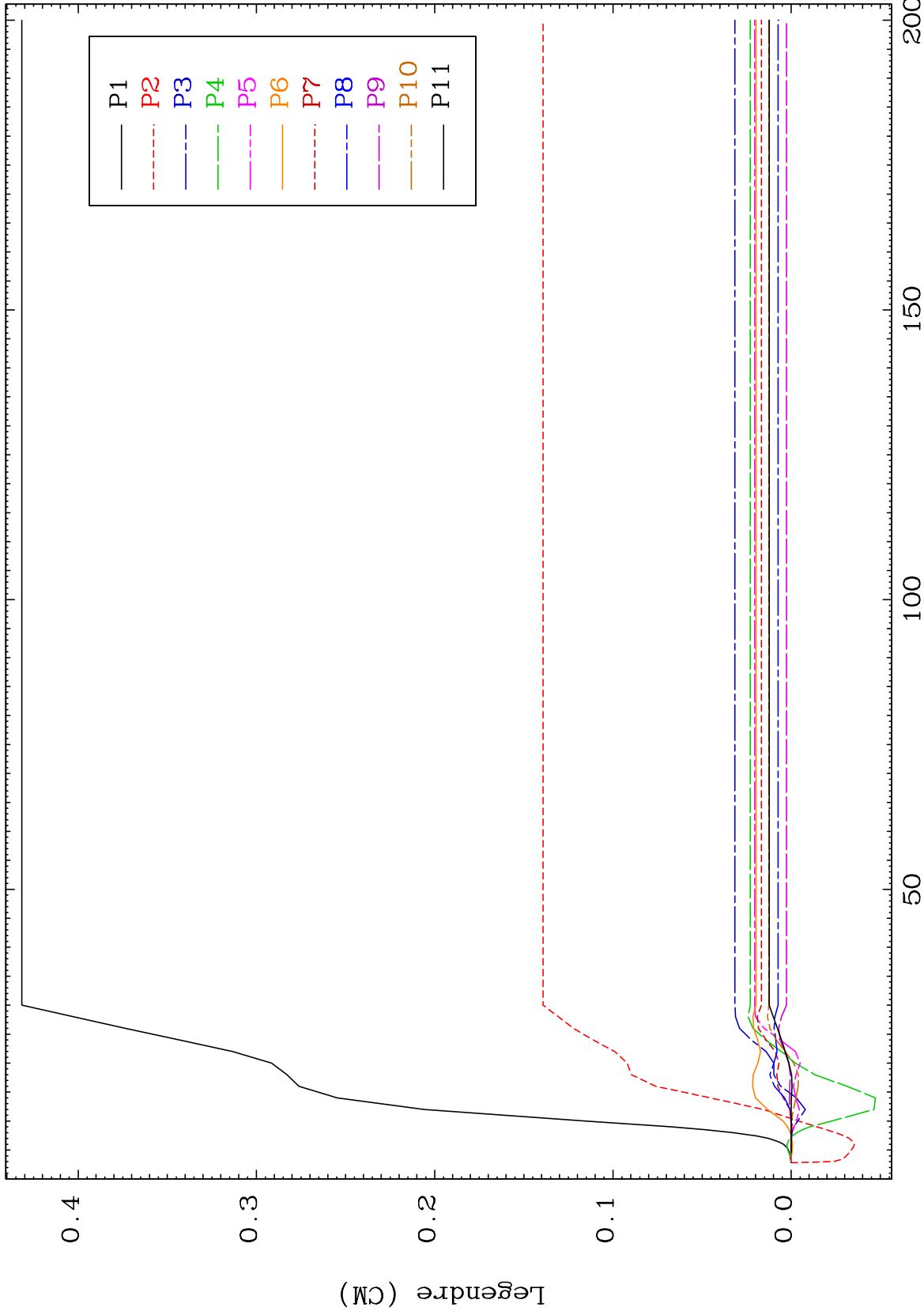


37 30-Zn-66

MAT 3031

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

30-Zn-66



38

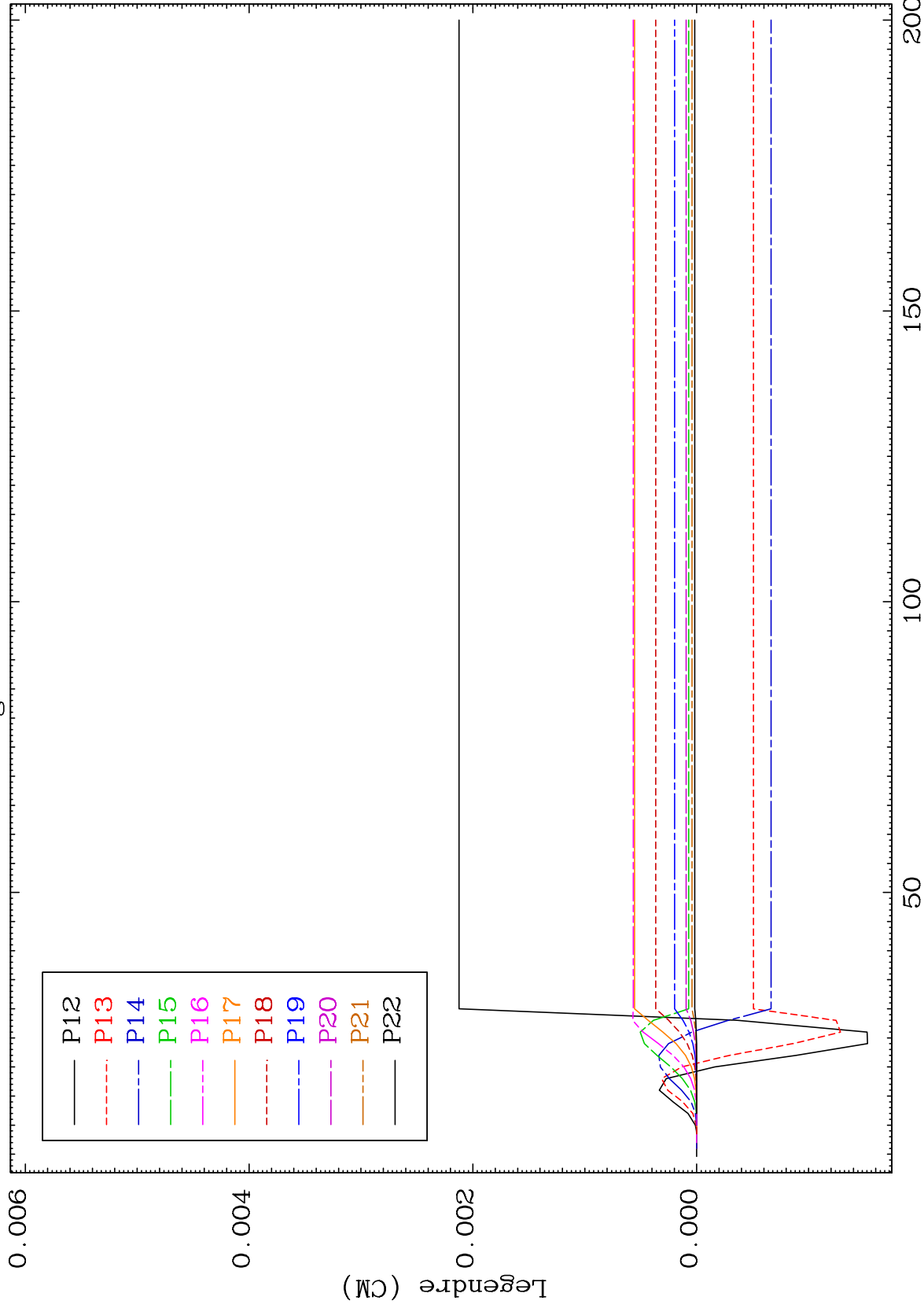
Incident Energy (MeV)

30-Zn-66

MAT 3031

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

30-Zn-66



39

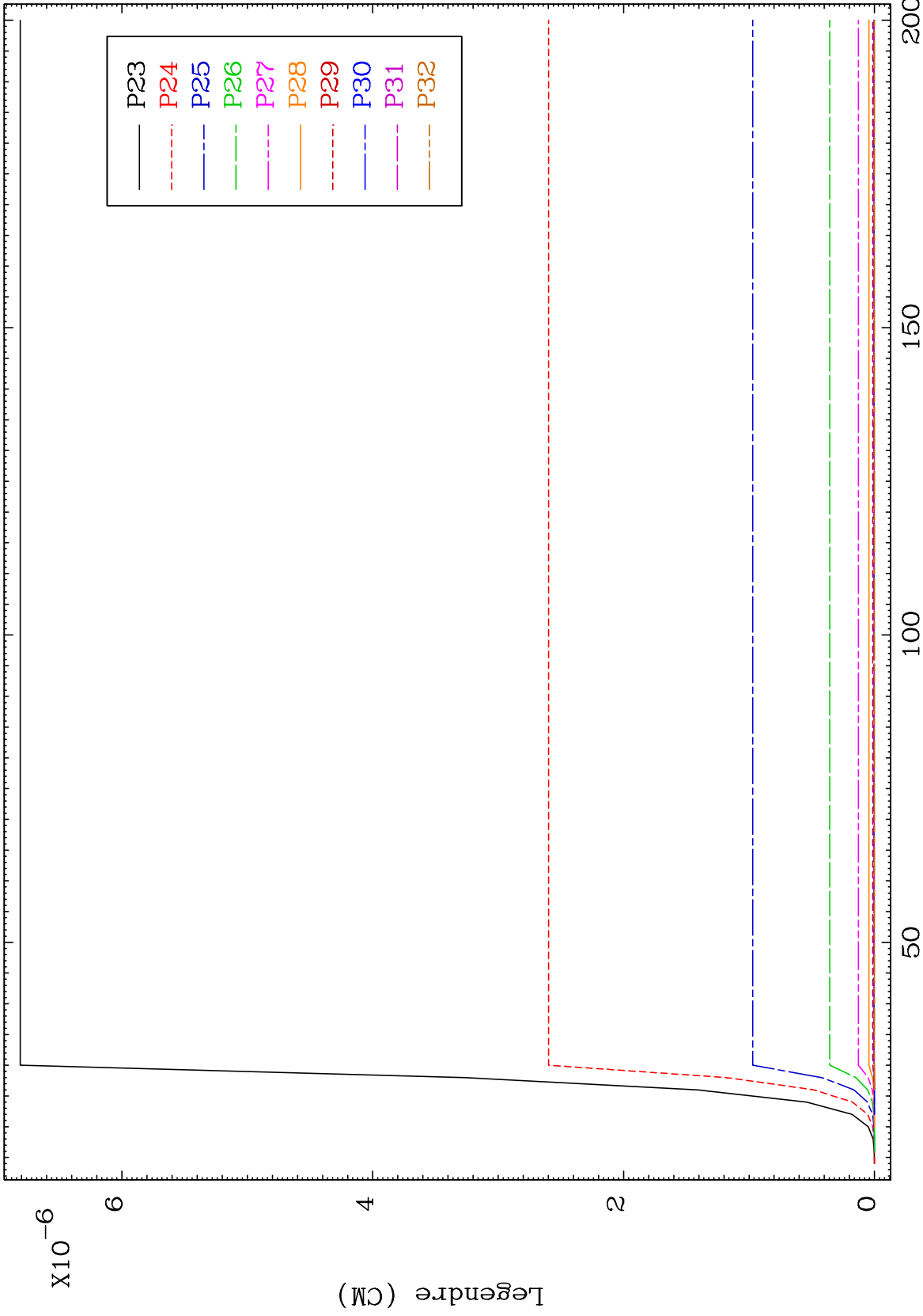
Incident Energy (MeV)

30-Zn-66

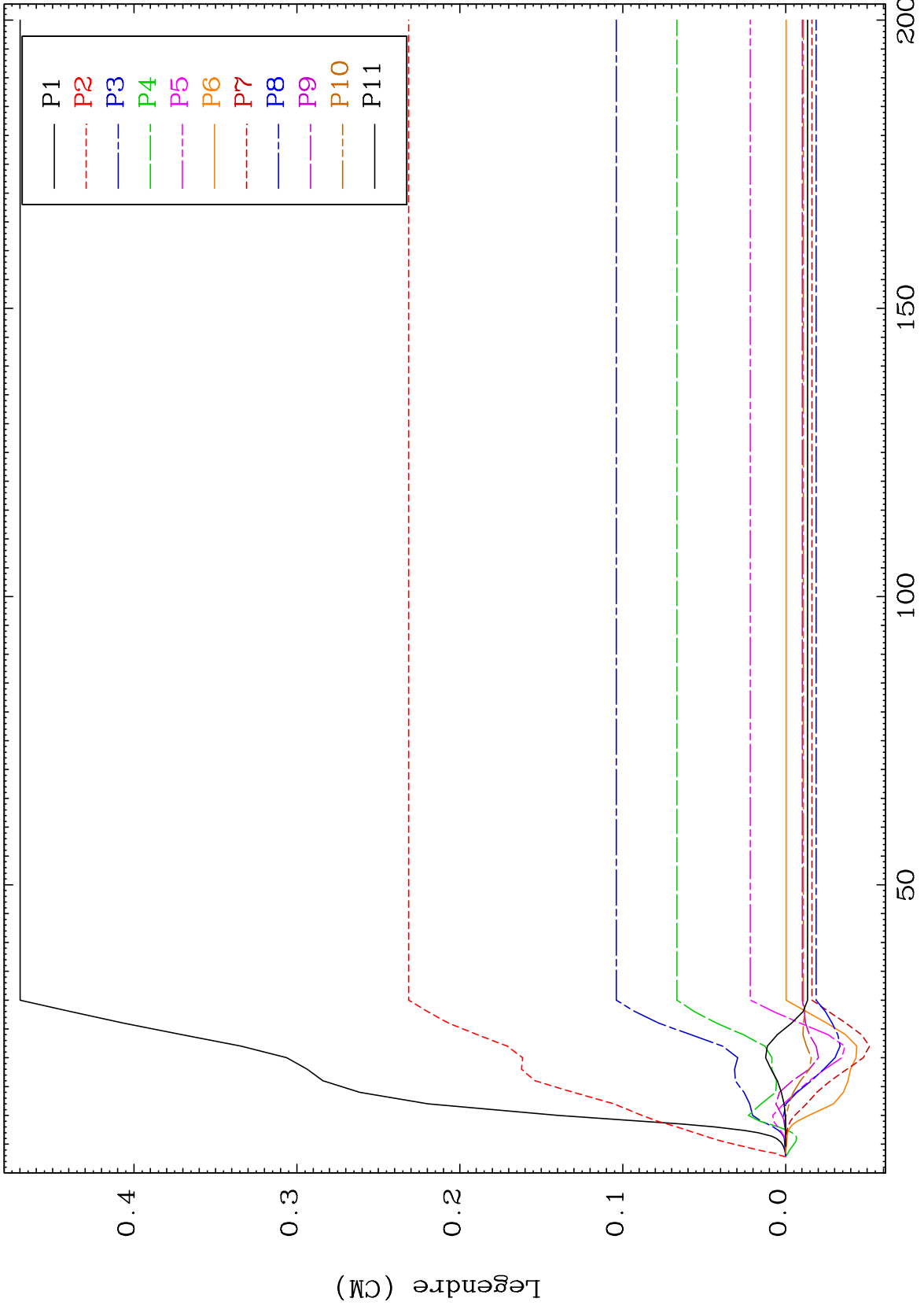
MAT 3031

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

30-Zn-66



MAT 3031 MT= 58 (n,n') Level Legendre Coefficients 30-Zn-66

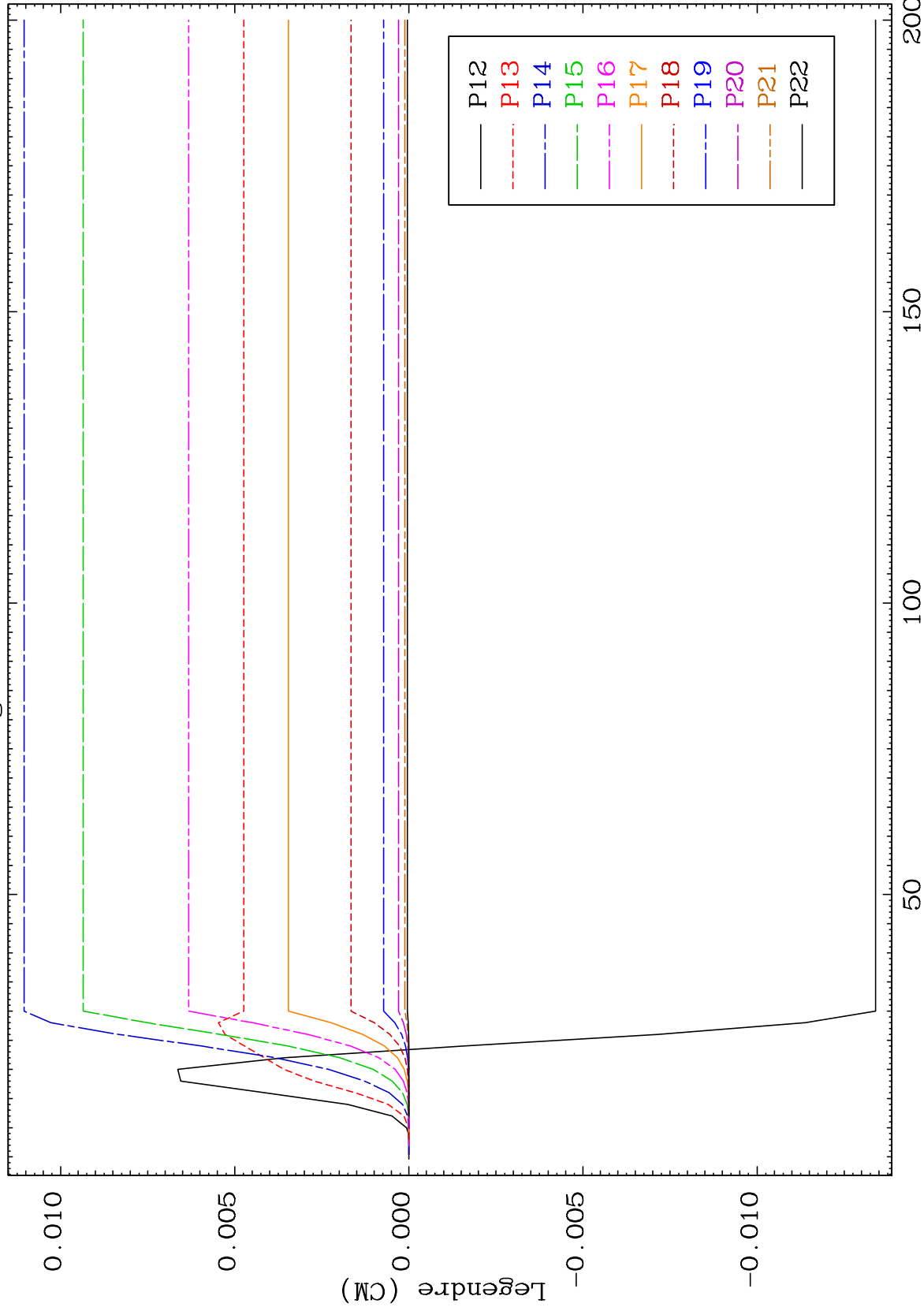


41 30-Zn-66

MAT 3031

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

30-Zn-66



42

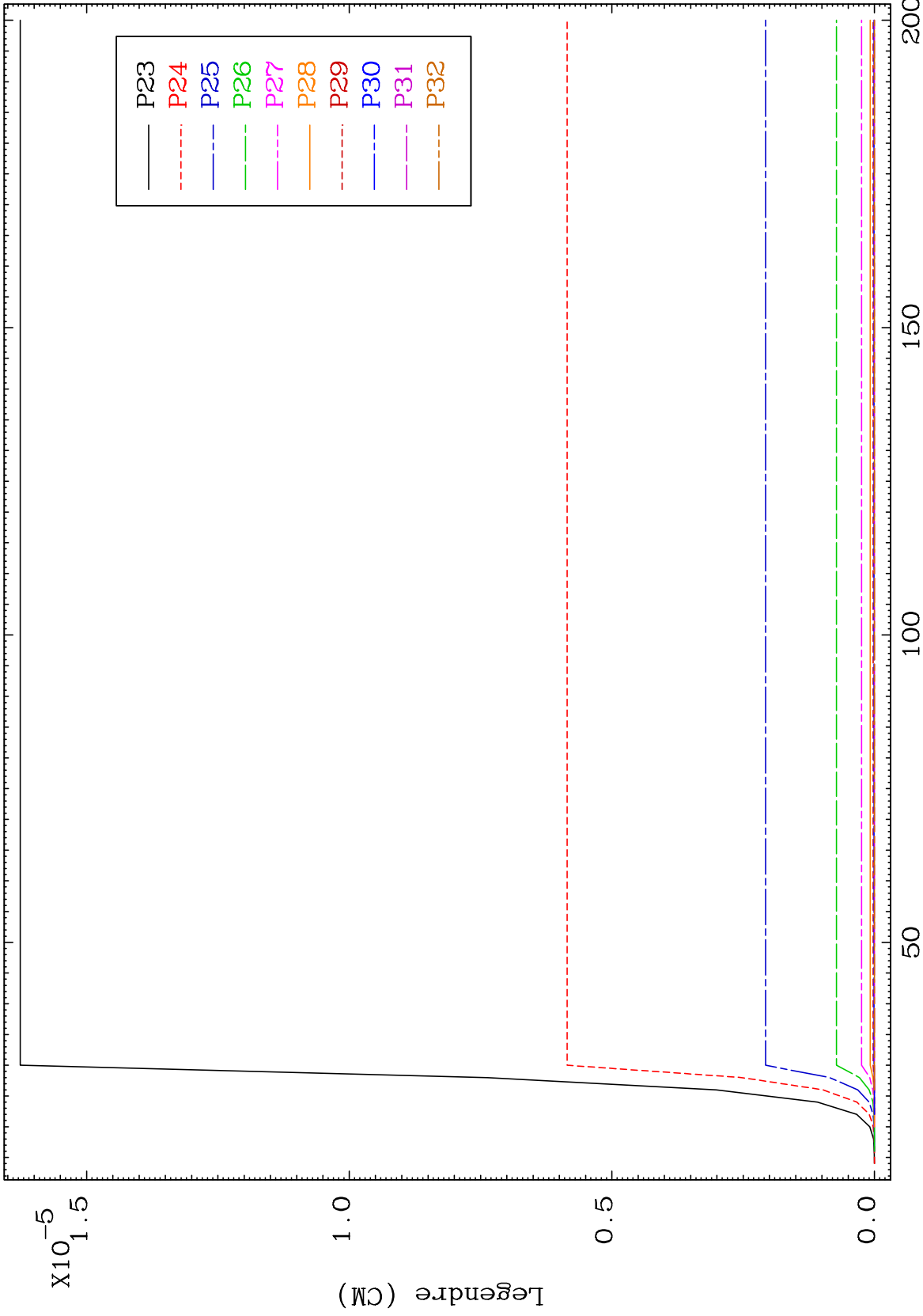
Incident Energy (MeV)

30-Zn-66

MAT 3031

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

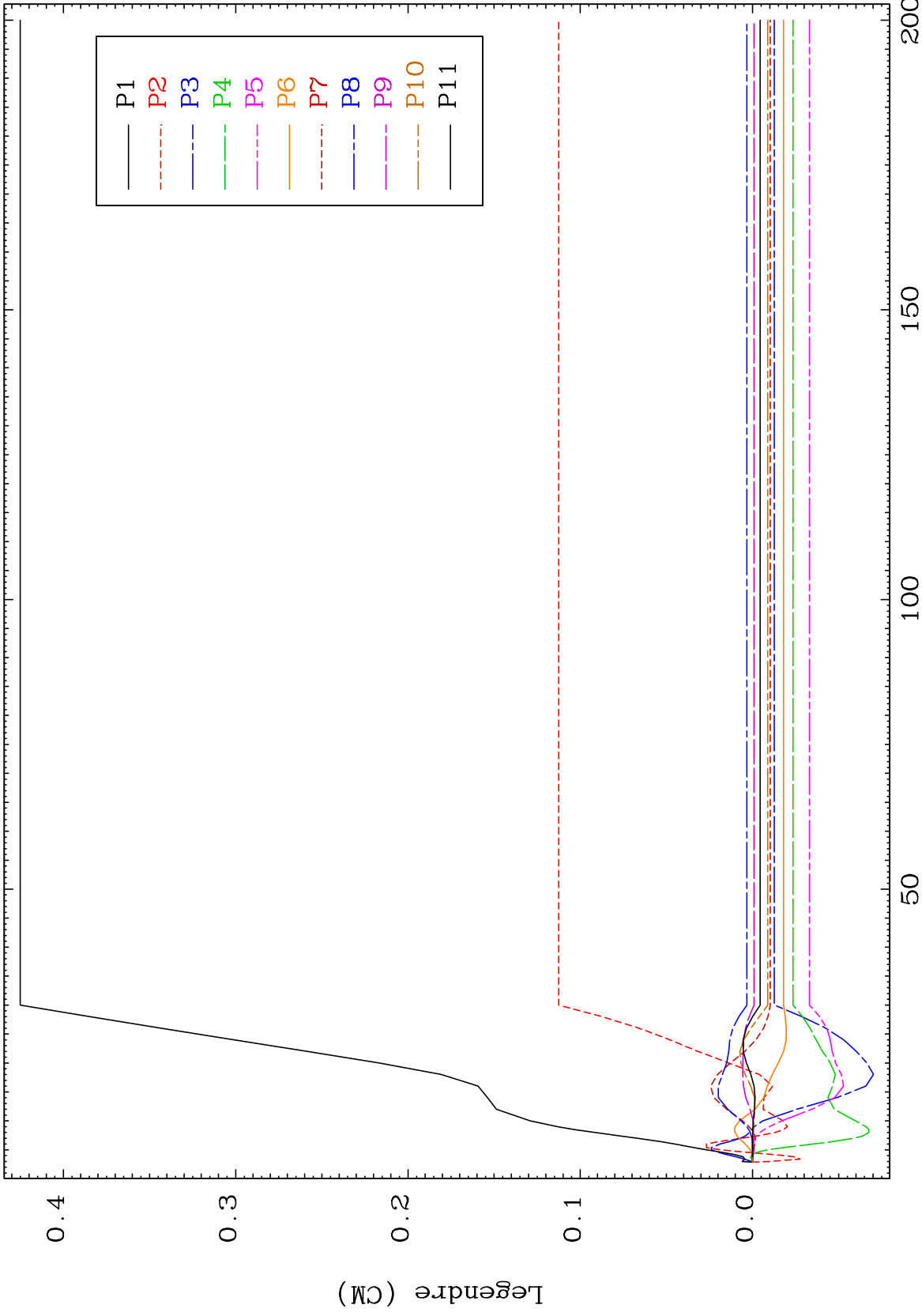
30-Zn-66



MAT 3031

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

30-Zn-66



44

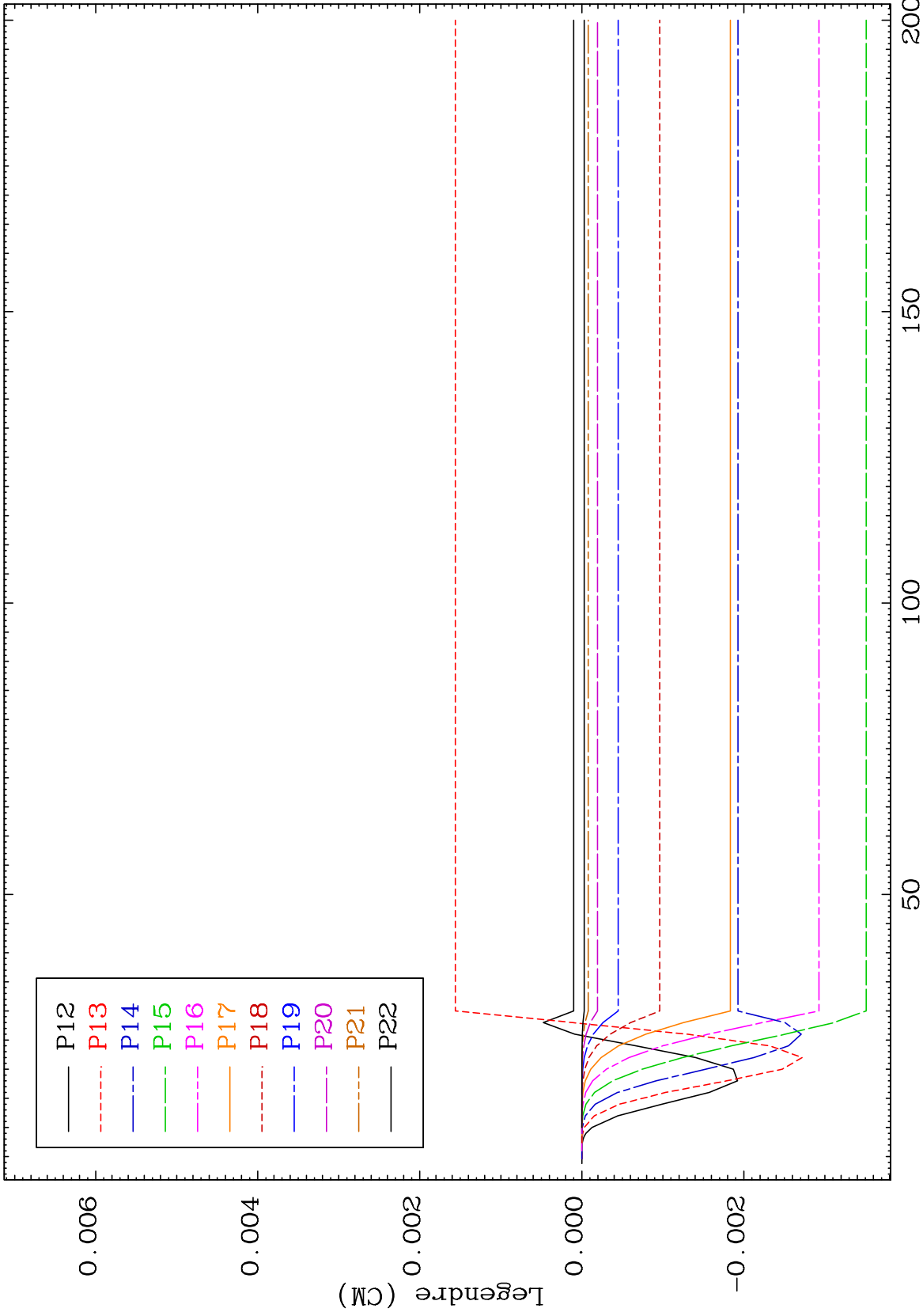
Incident Energy (MeV)

30-Zn-66

MAT 3031

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

30-Zn-66

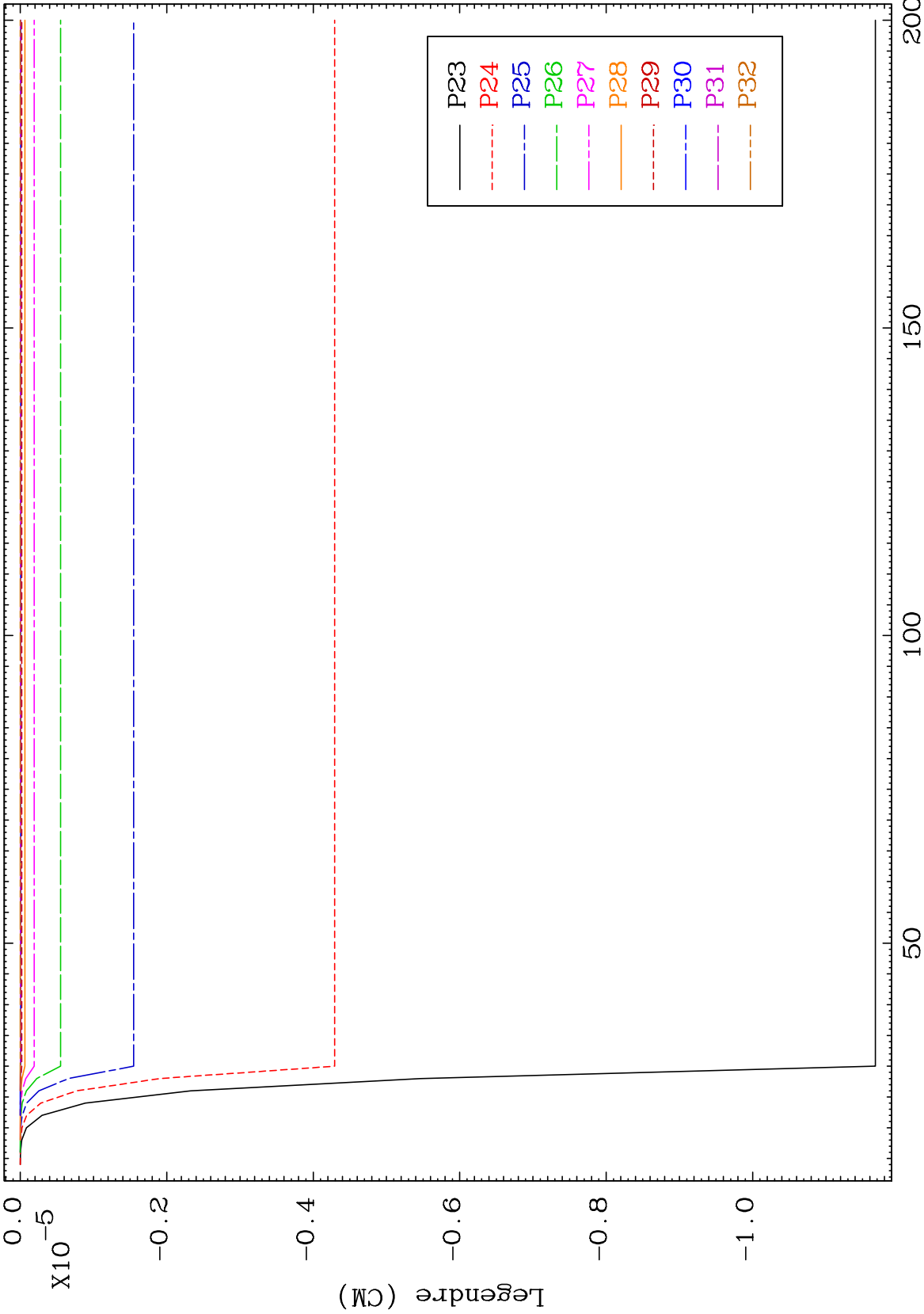


45

Incident Energy (MeV)

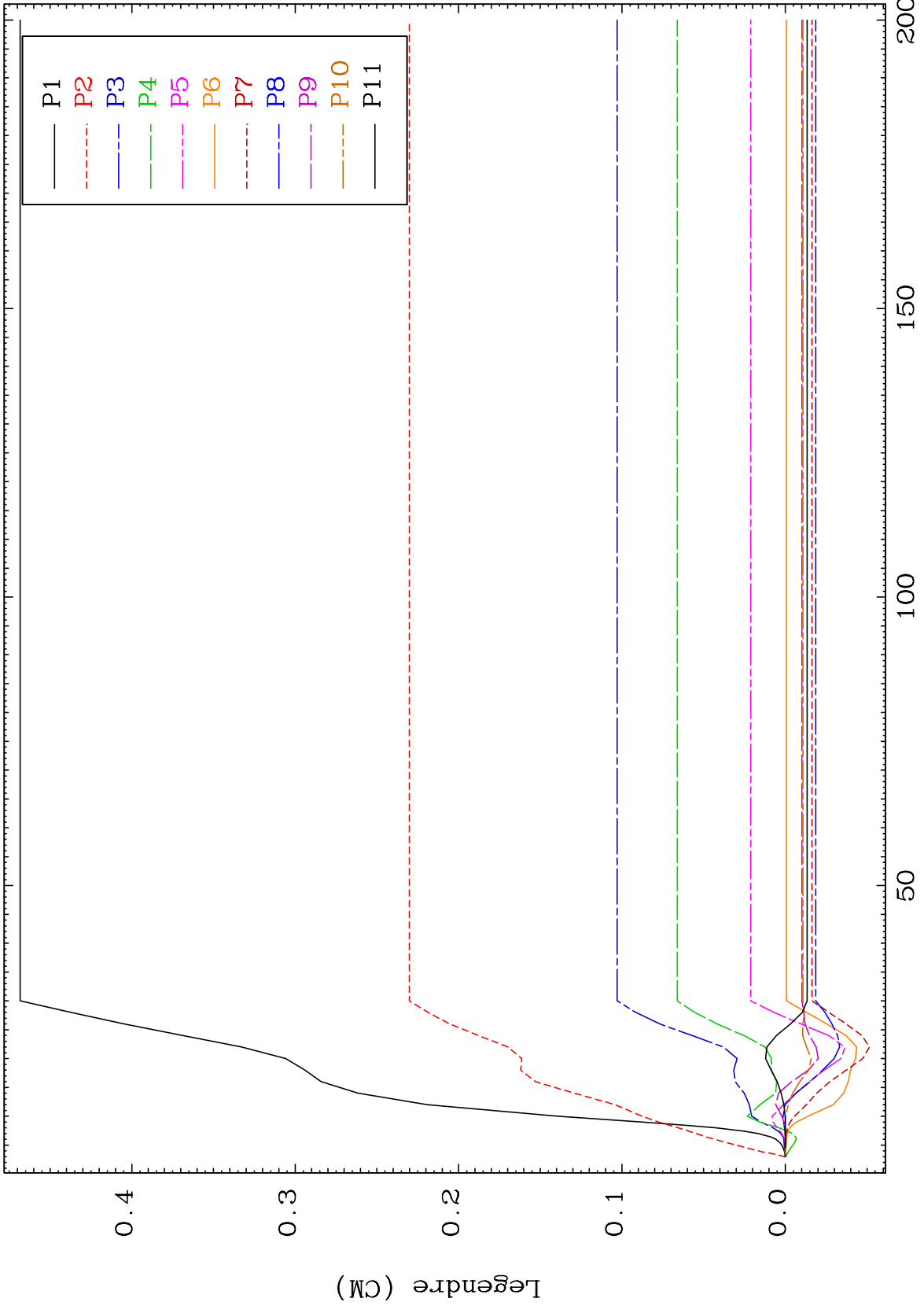
30-Zn-66

MAT 3031 MT= 59 (n,n') Level Legendre Coefficients 30-Zn-66



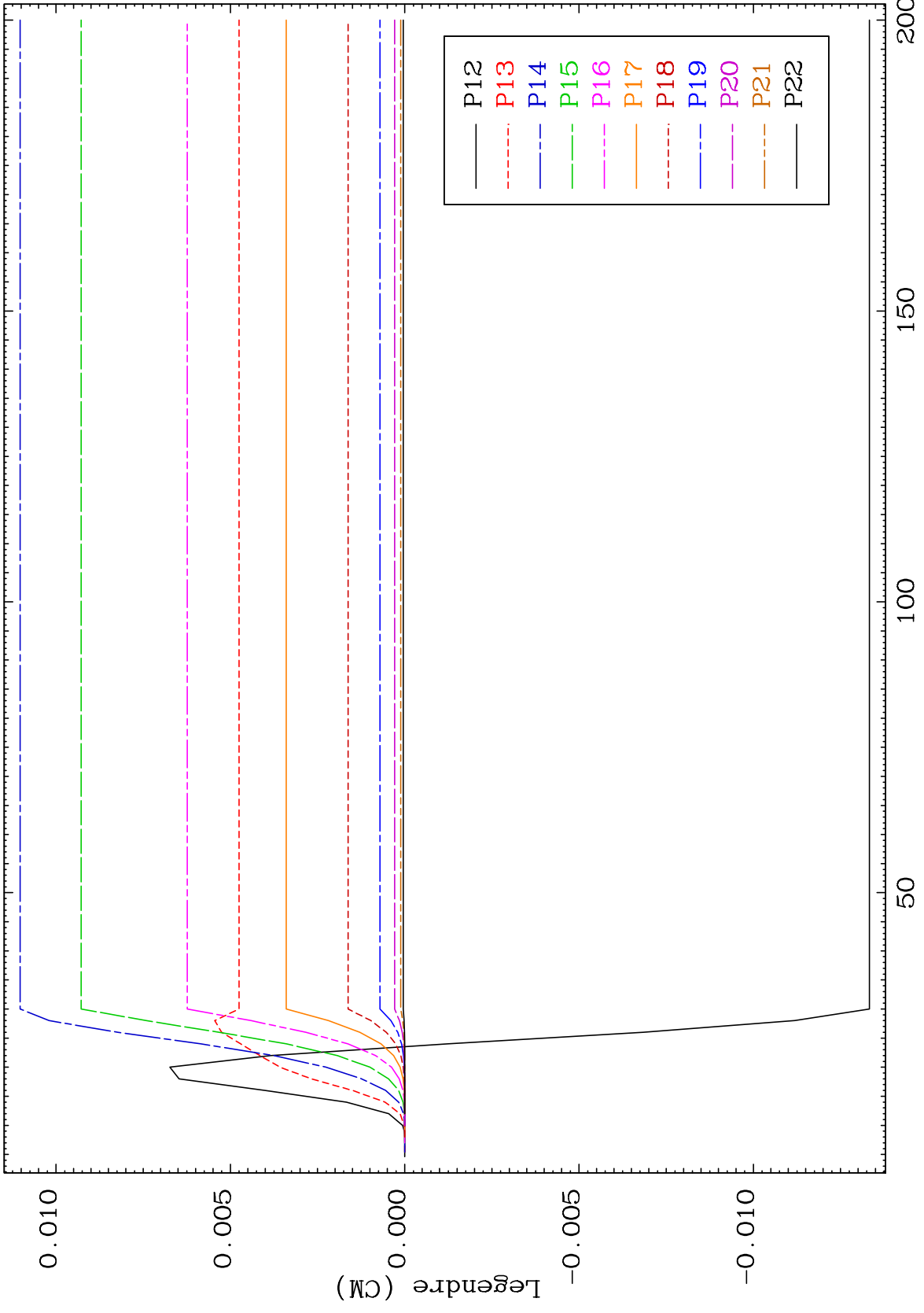
46 Incident Energy (MeV) 30-Zn-66

MAT 3031 MT= 60 (n,n') Level Legendre Coefficients 30-Zn-66



47 50 100 150 200 30-Zn-66

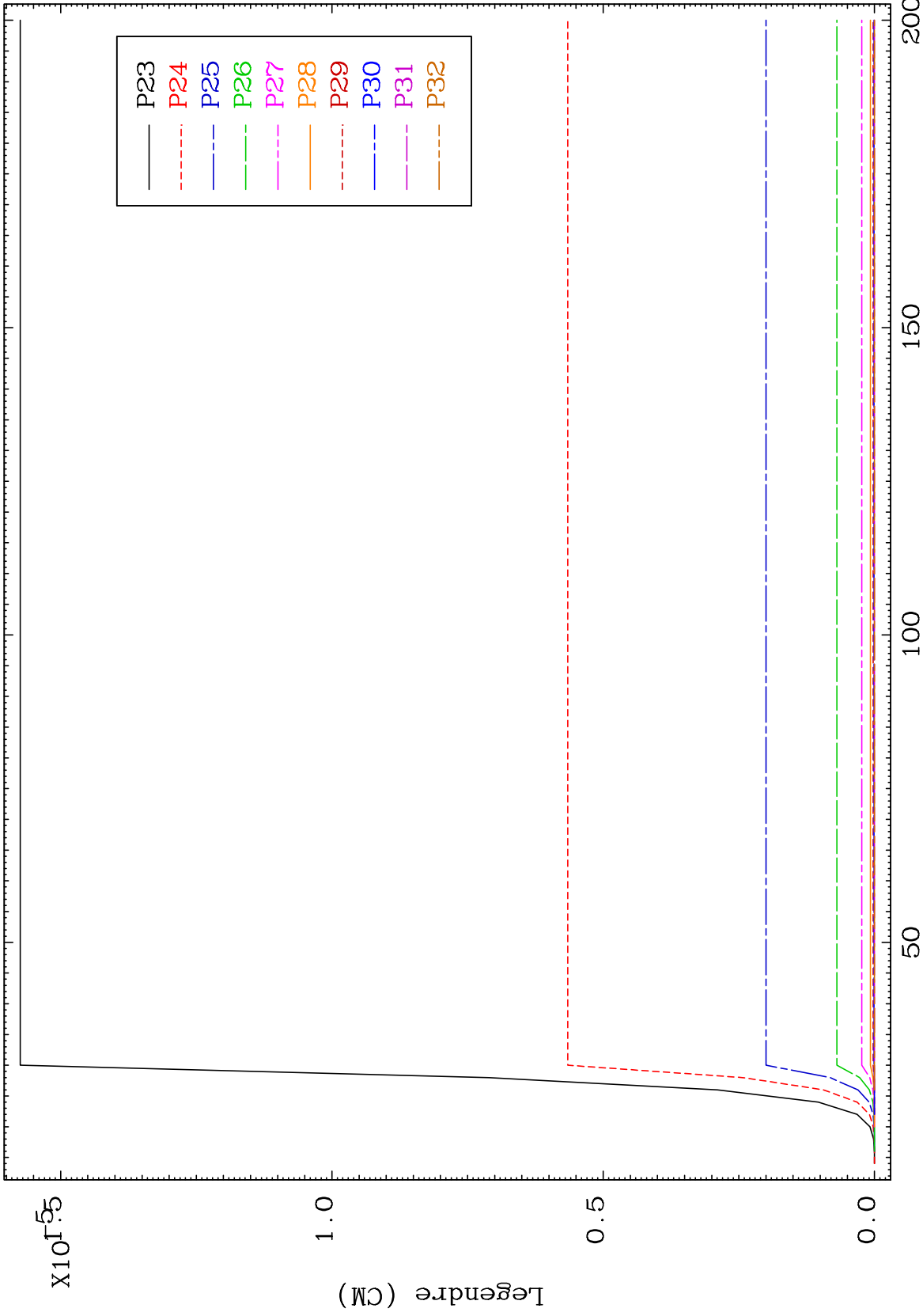
MAT 3031 MT= 60 (n,n') Level Legendre Coefficients 30-Zn-66



MAT 3031

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

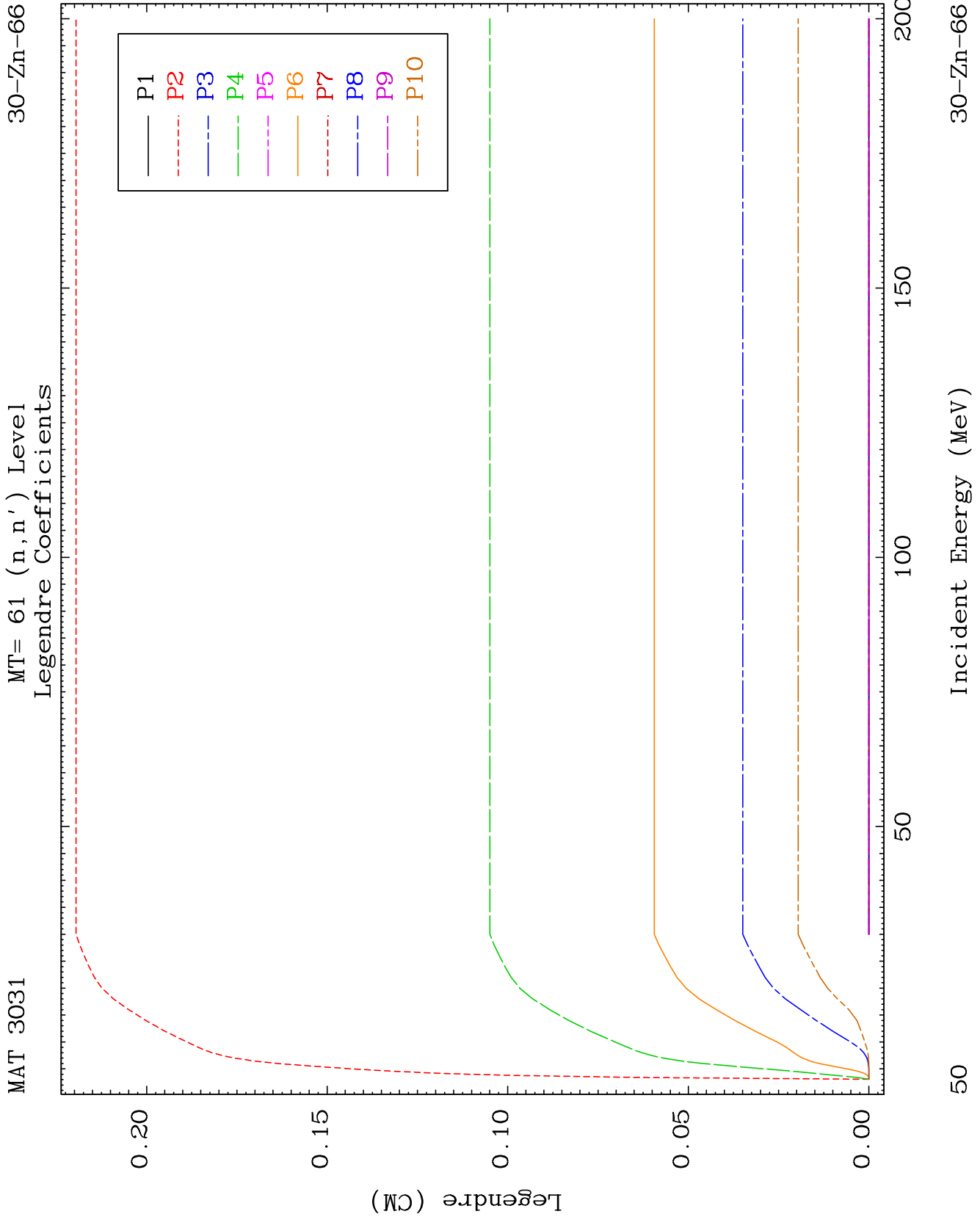
30-Zn-66



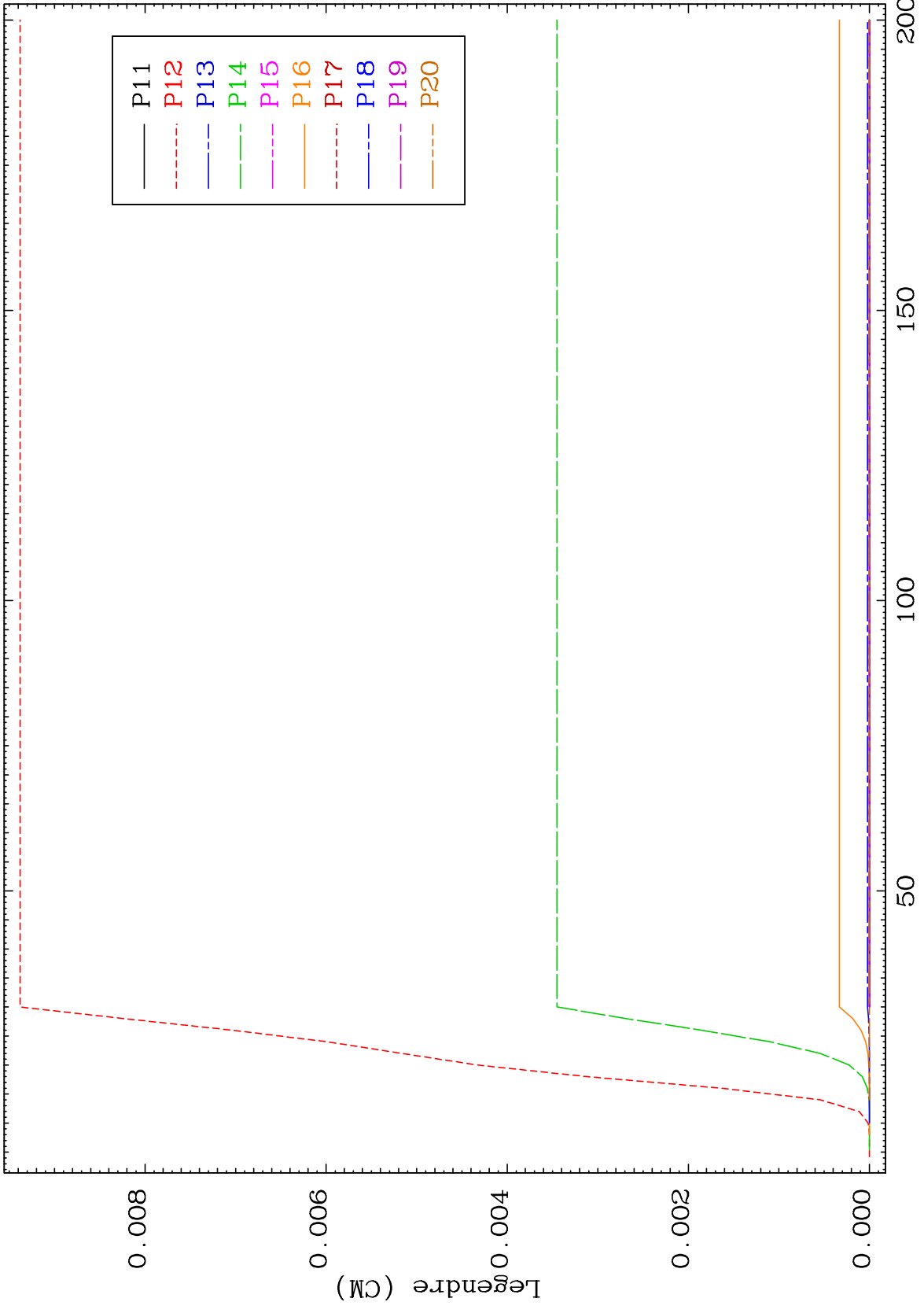
49

Incident Energy (MeV)

30-Zn-66

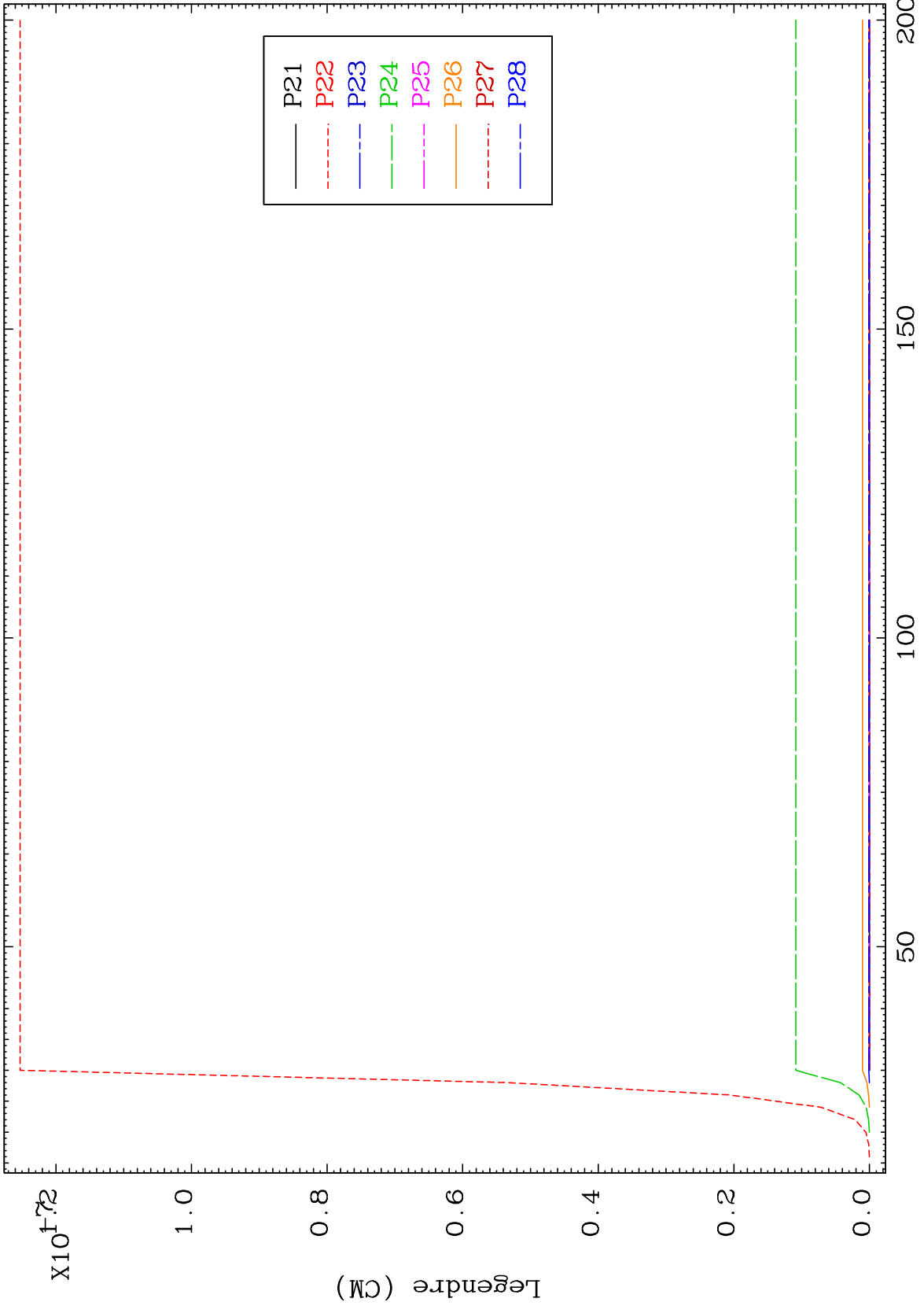


MAT 3031 MT= 61 (n,n') Level Legendre Coefficients 30-Zn-66



51 30-Zn-66

MAT 3031 MT= 61 (n,n') Level Legendre Coefficients 30-Zn-66

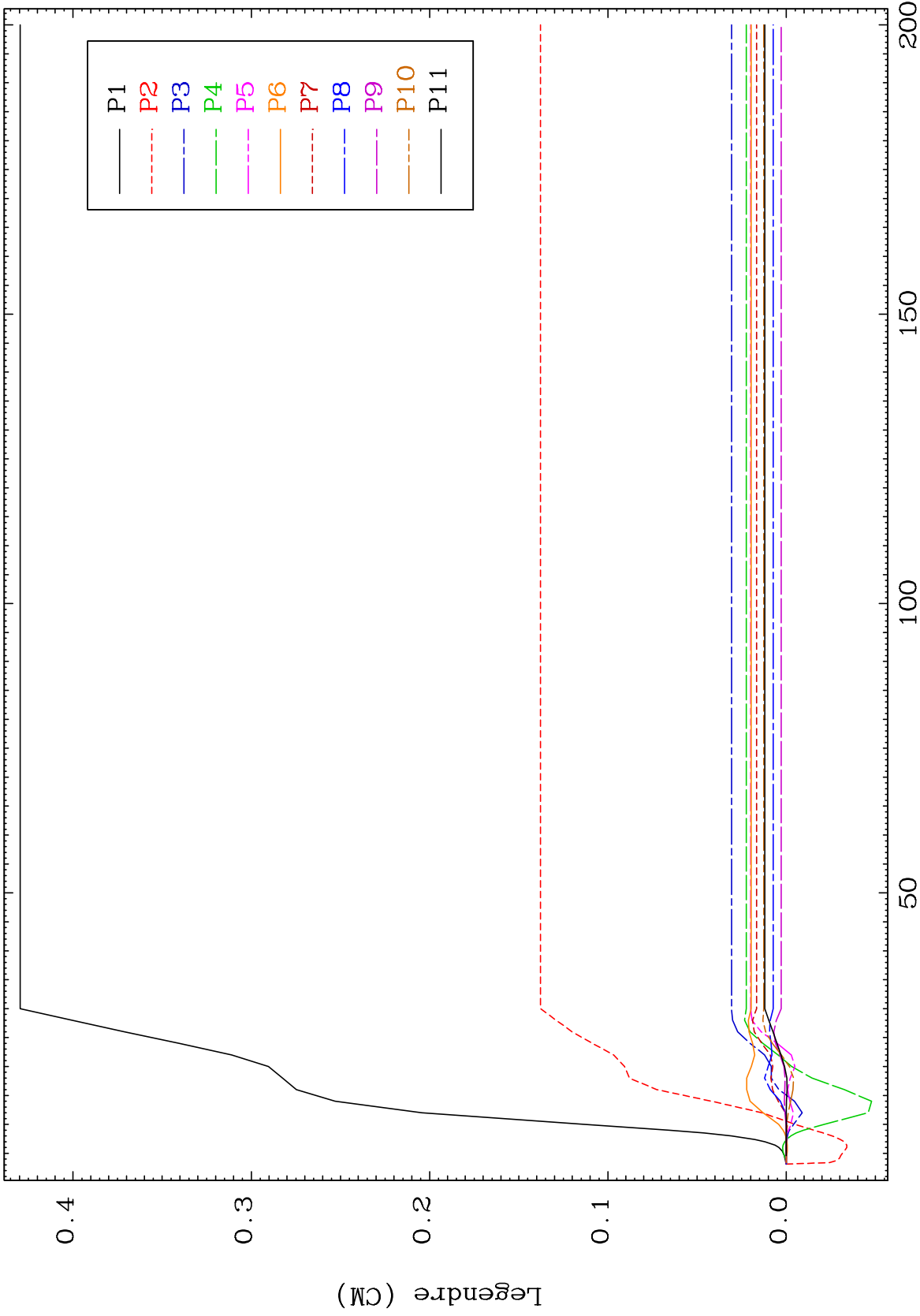


52 100 150 200 30-Zn-66

MAT 3031

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

30-Zn-66



53

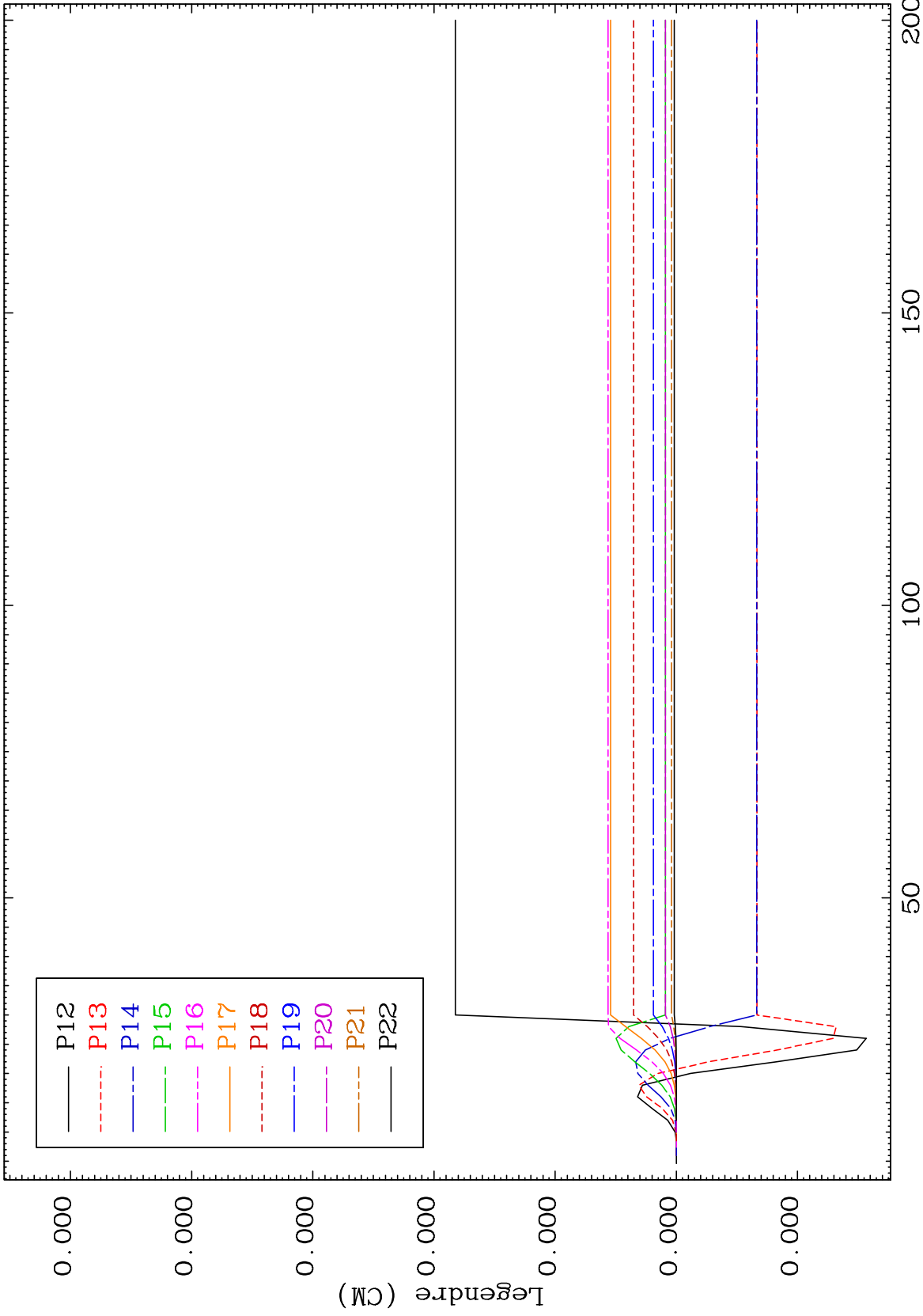
Incident Energy (MeV)

30-Zn-66

MAT 3031

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

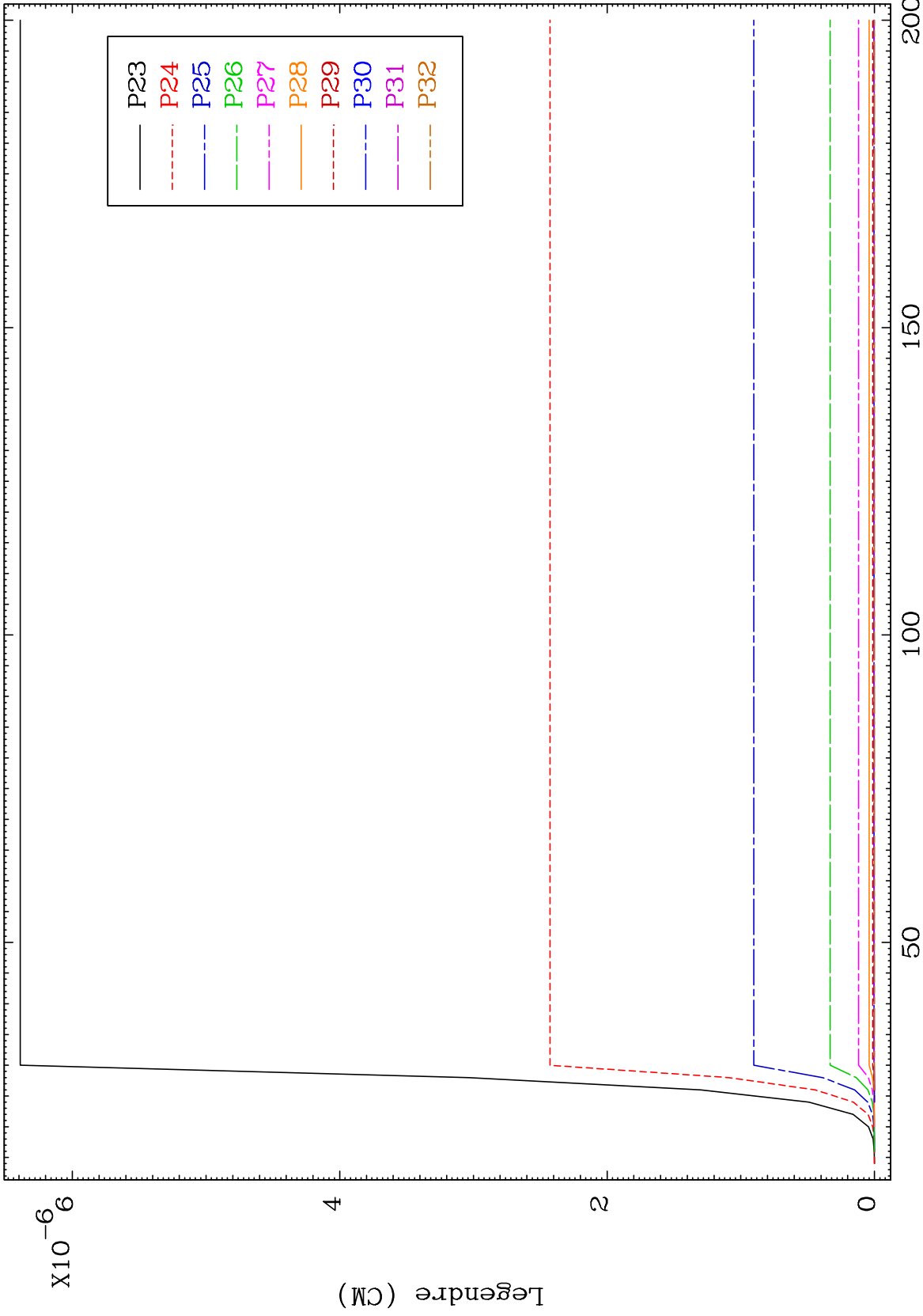
30-Zn-66



MAT 3031

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

30-Zn-66

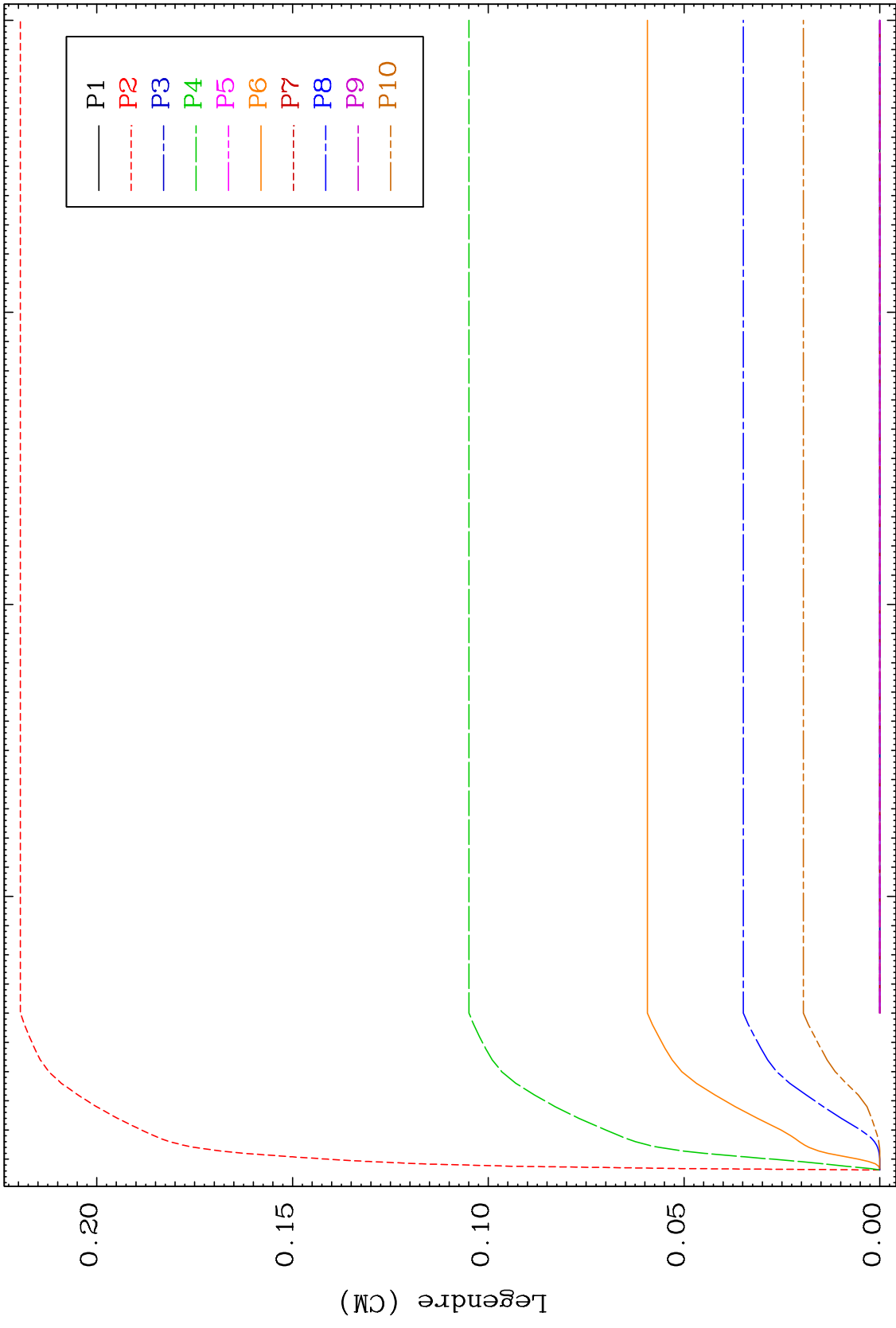


55

Incident Energy (MeV)

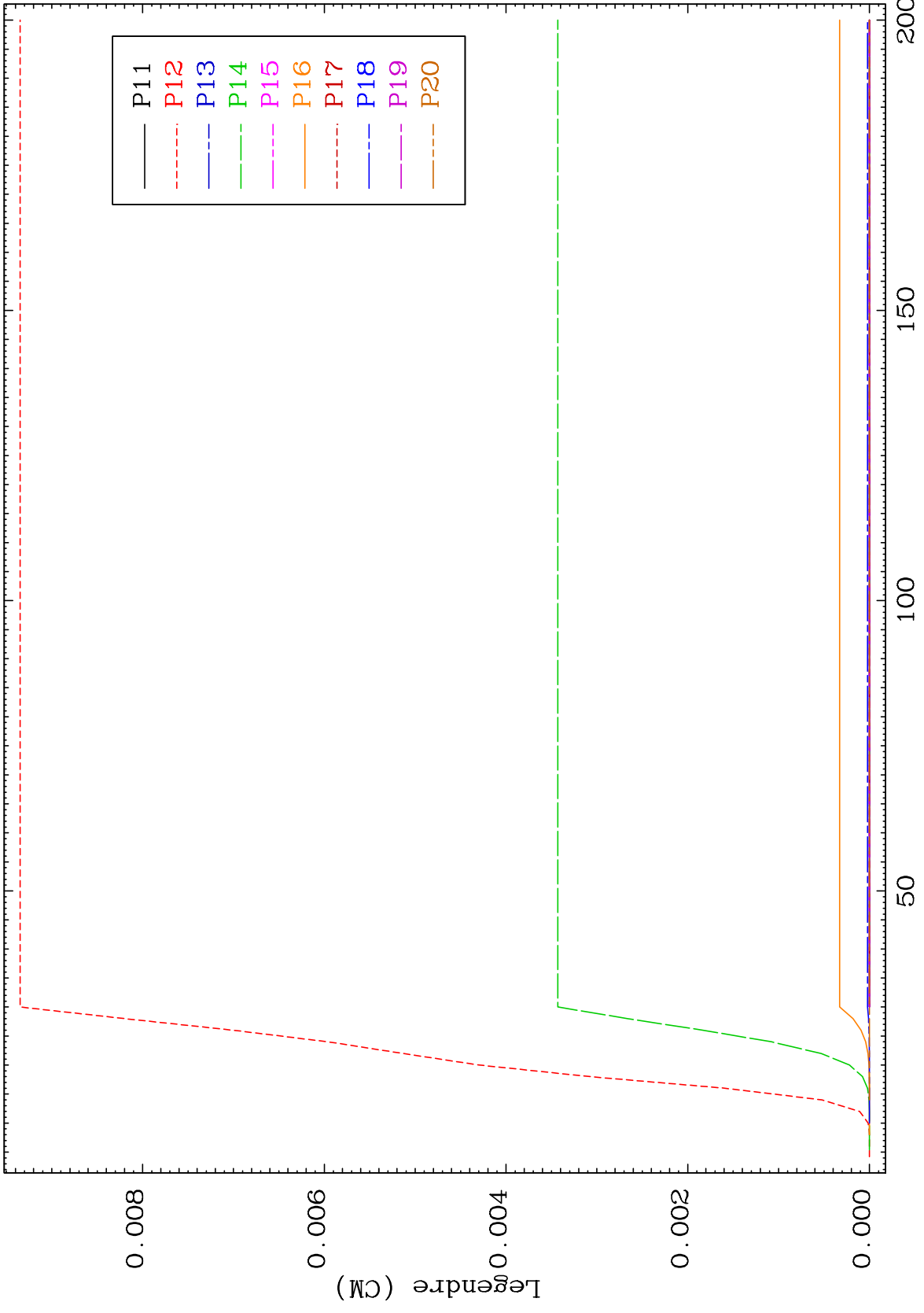
30-Zn-66

MAT 3031 MT= 63 (n,n') Level Legendre Coefficients 30-Zn-66

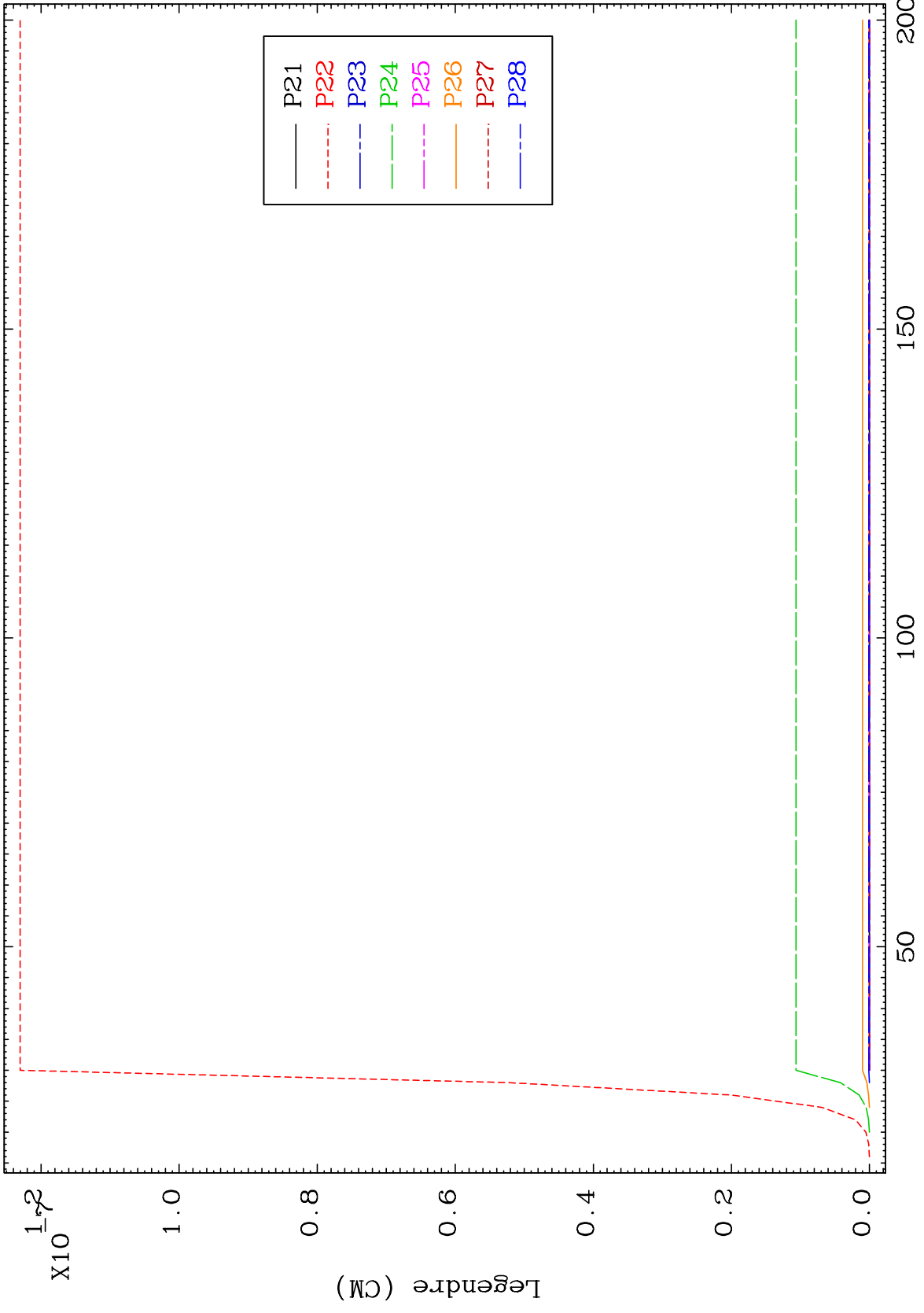


56 Incident Energy (MeV) 30-Zn-66

MAT 3031 MT= 63 (n,n') Level Legendre Coefficients 30-Zn-66



MAT 3031 MT= 63 (n,n') Level Legendre Coefficients 30-Zn-66

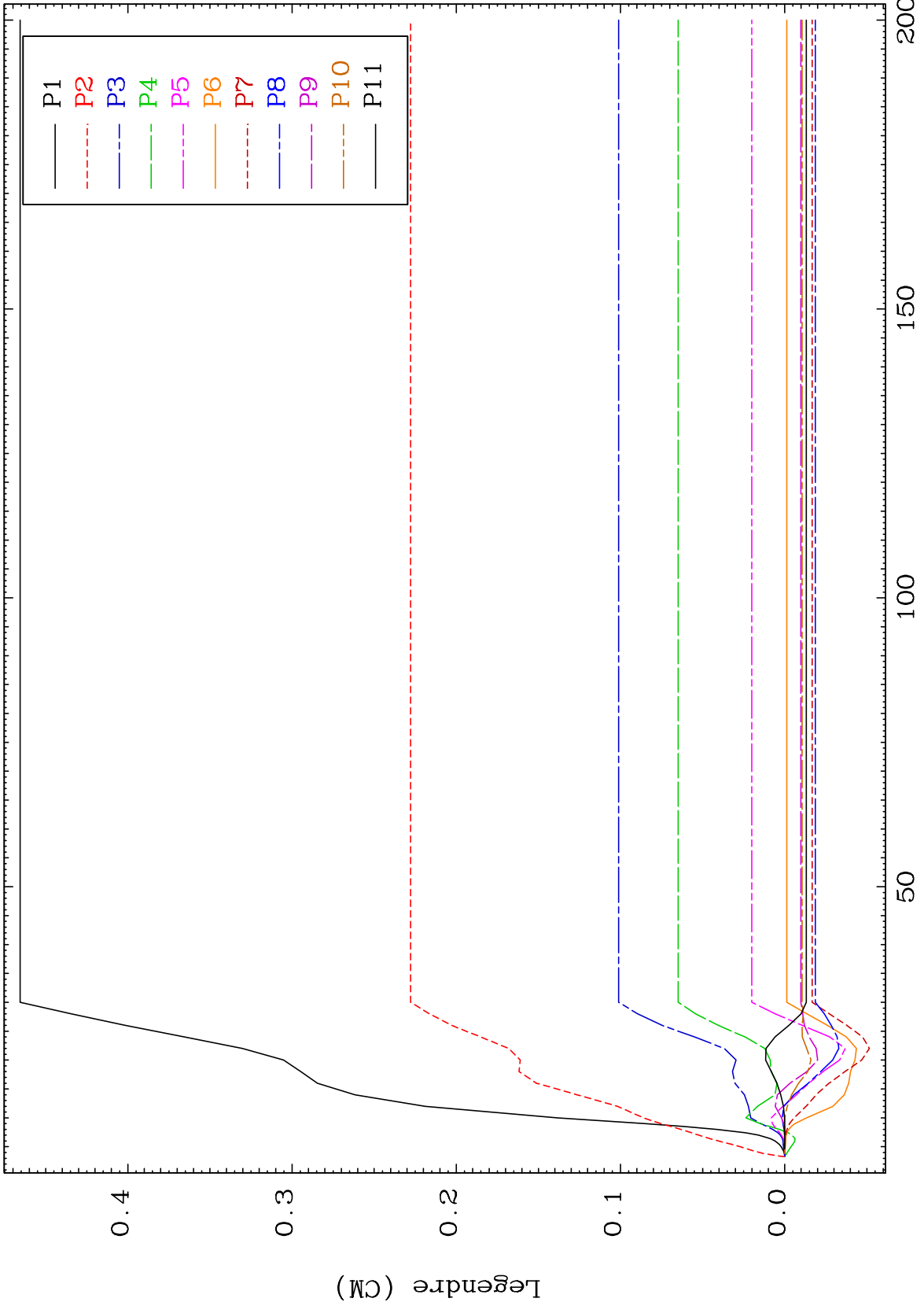


30-Zn-66

Incident Energy (MeV)

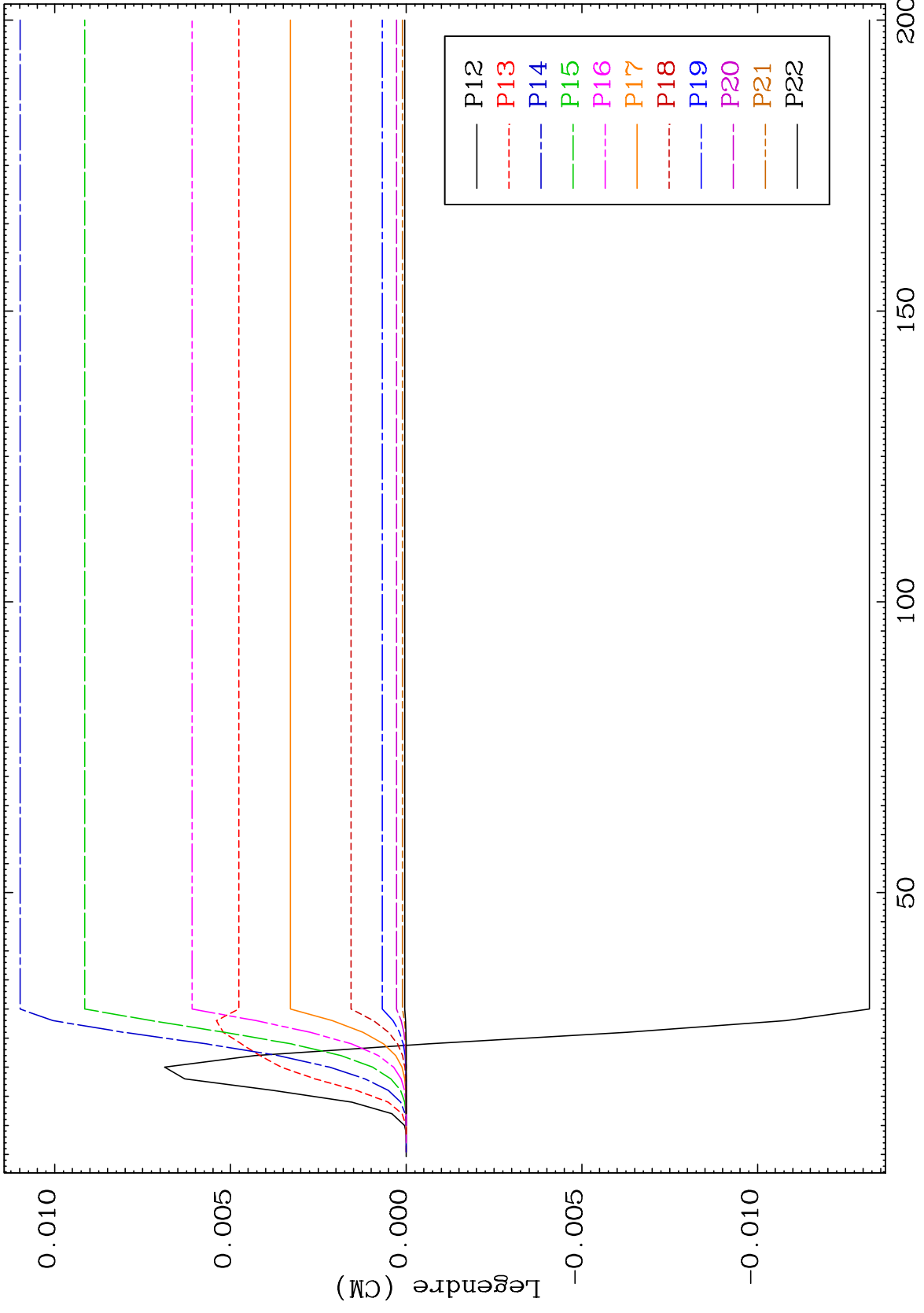
58

MAT 3031 MT= 64 (n,n') Level Legendre Coefficients 30-Zn-66



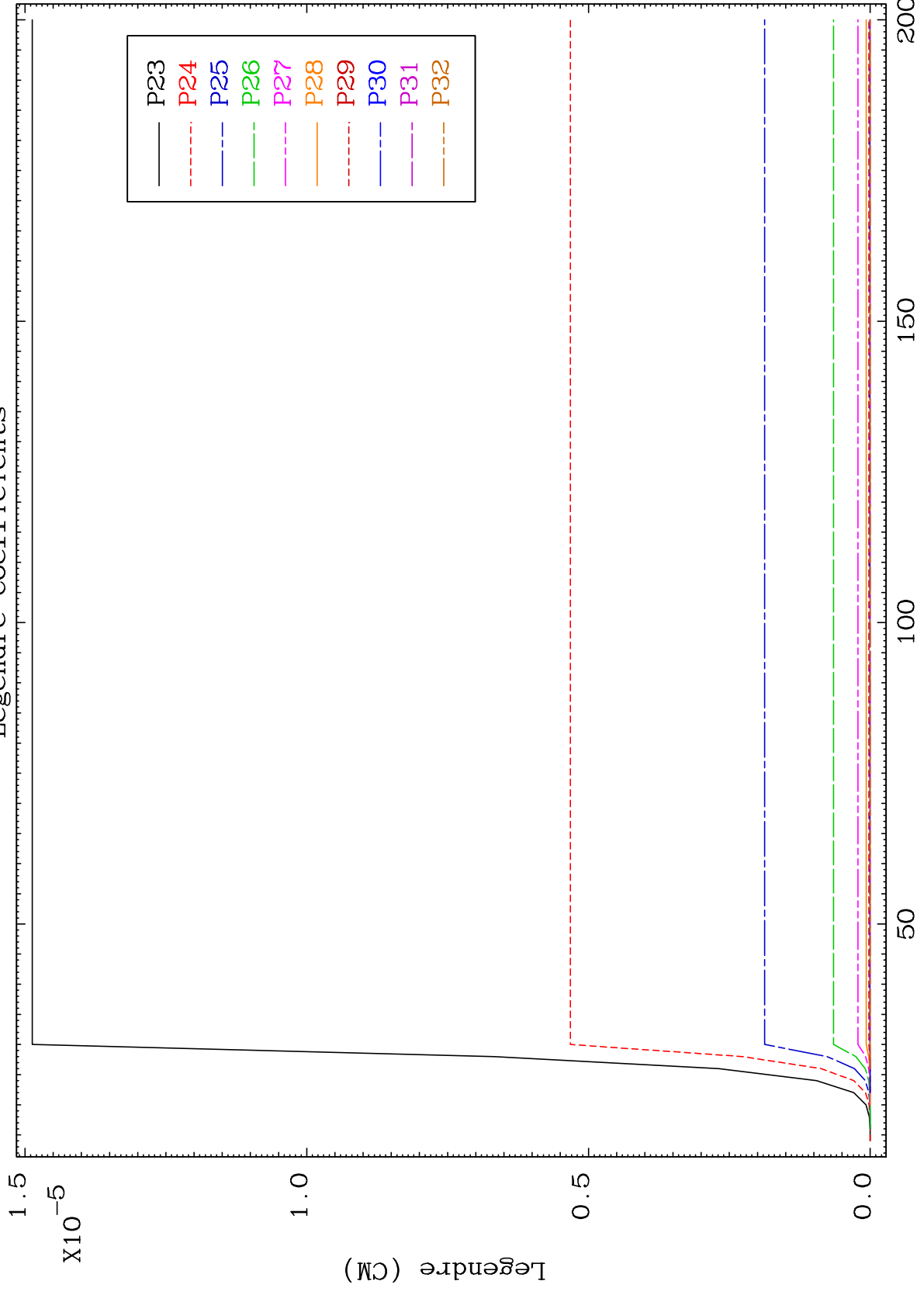
59 30-Zn-66

MAT 3031 MT= 64 (n,n') Level Legendre Coefficients 30-Zn-66



60 Incident Energy (MeV) 30-Zn-66

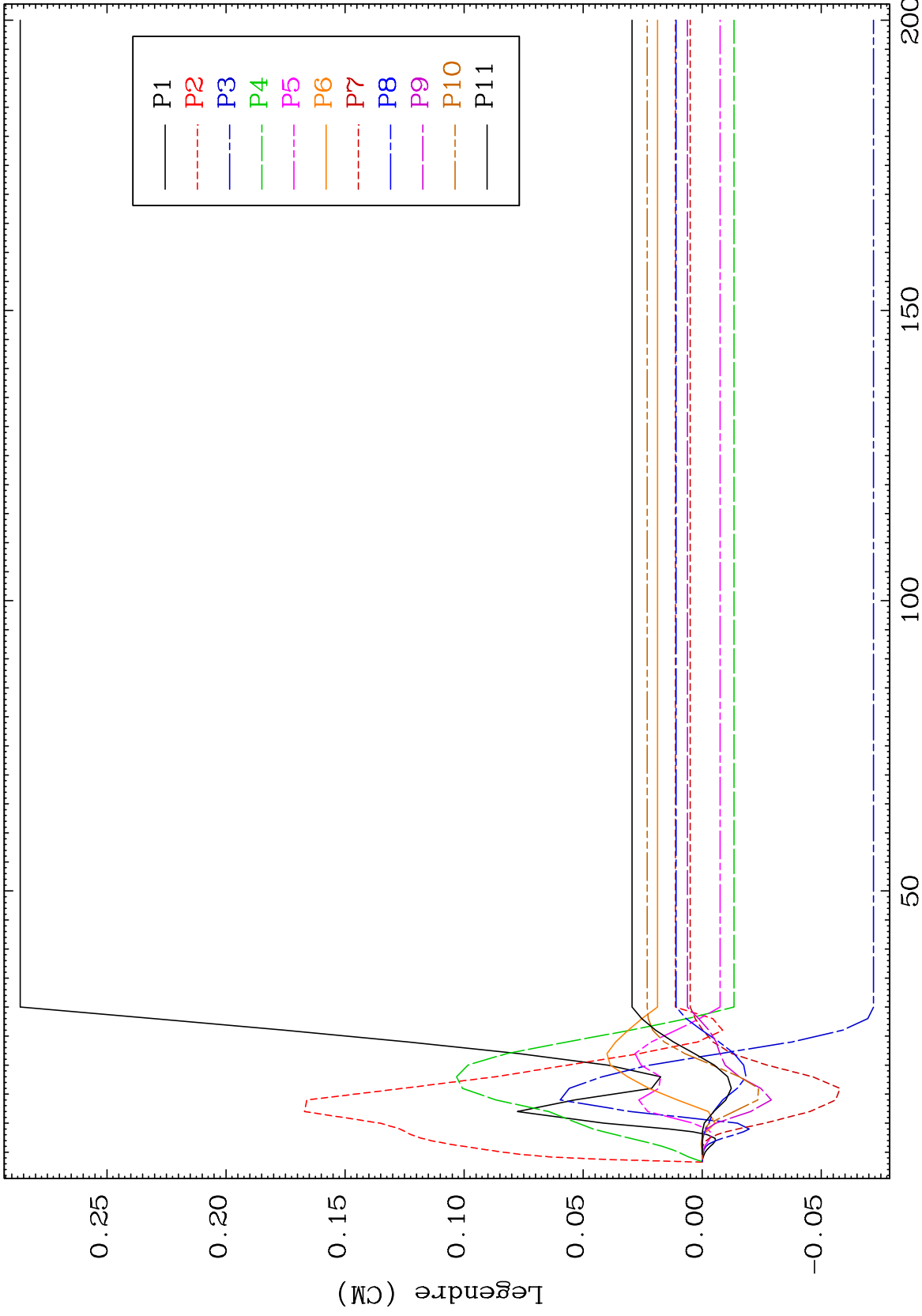
MAT 3031 MT= 64 (n,n') Level Legendre Coefficients 30-Zn-66



MAT 3031

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

30-Zn-66



62

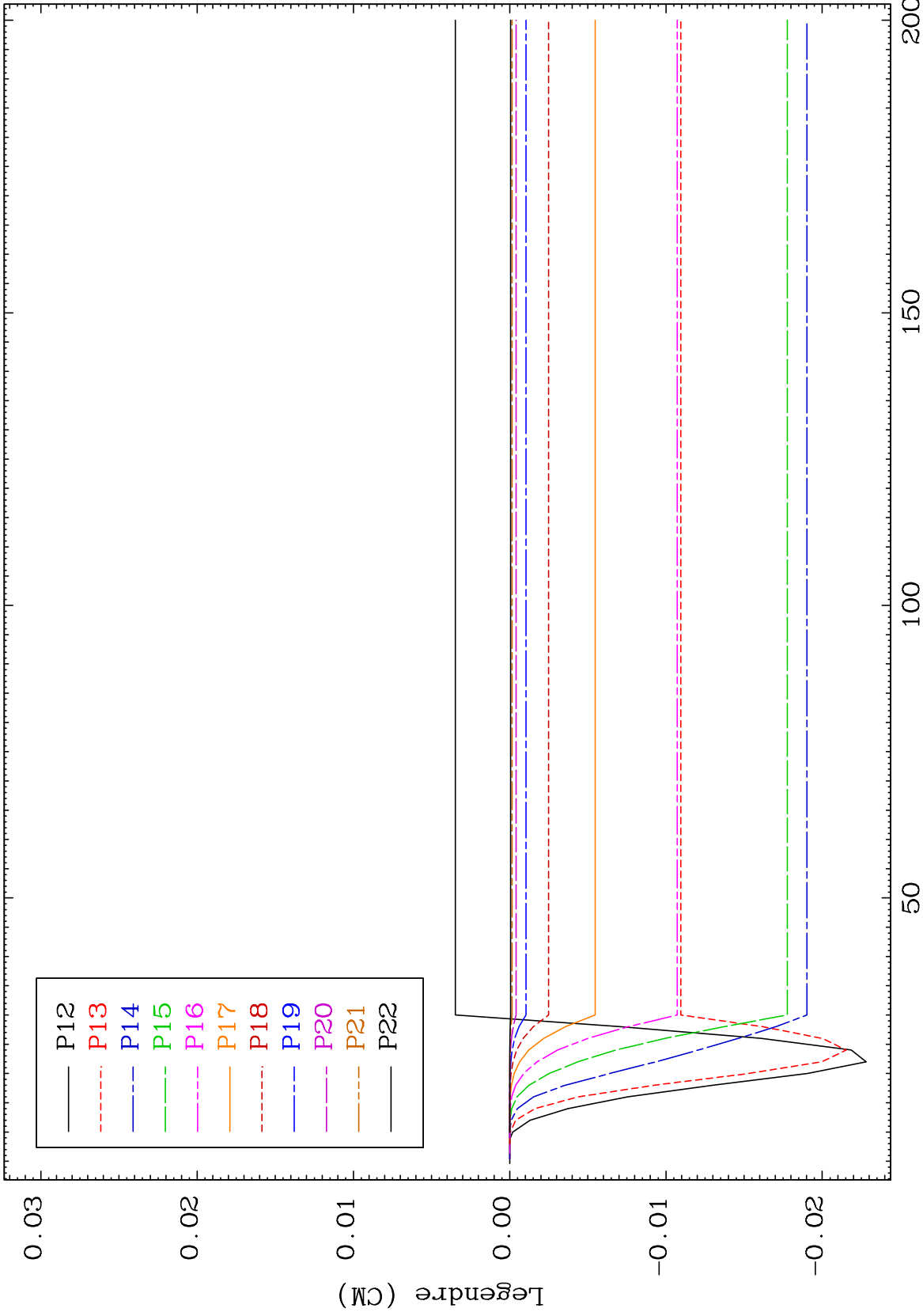
Incident Energy (MeV)

30-Zn-66

MAT 3031

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

30-Zn-66

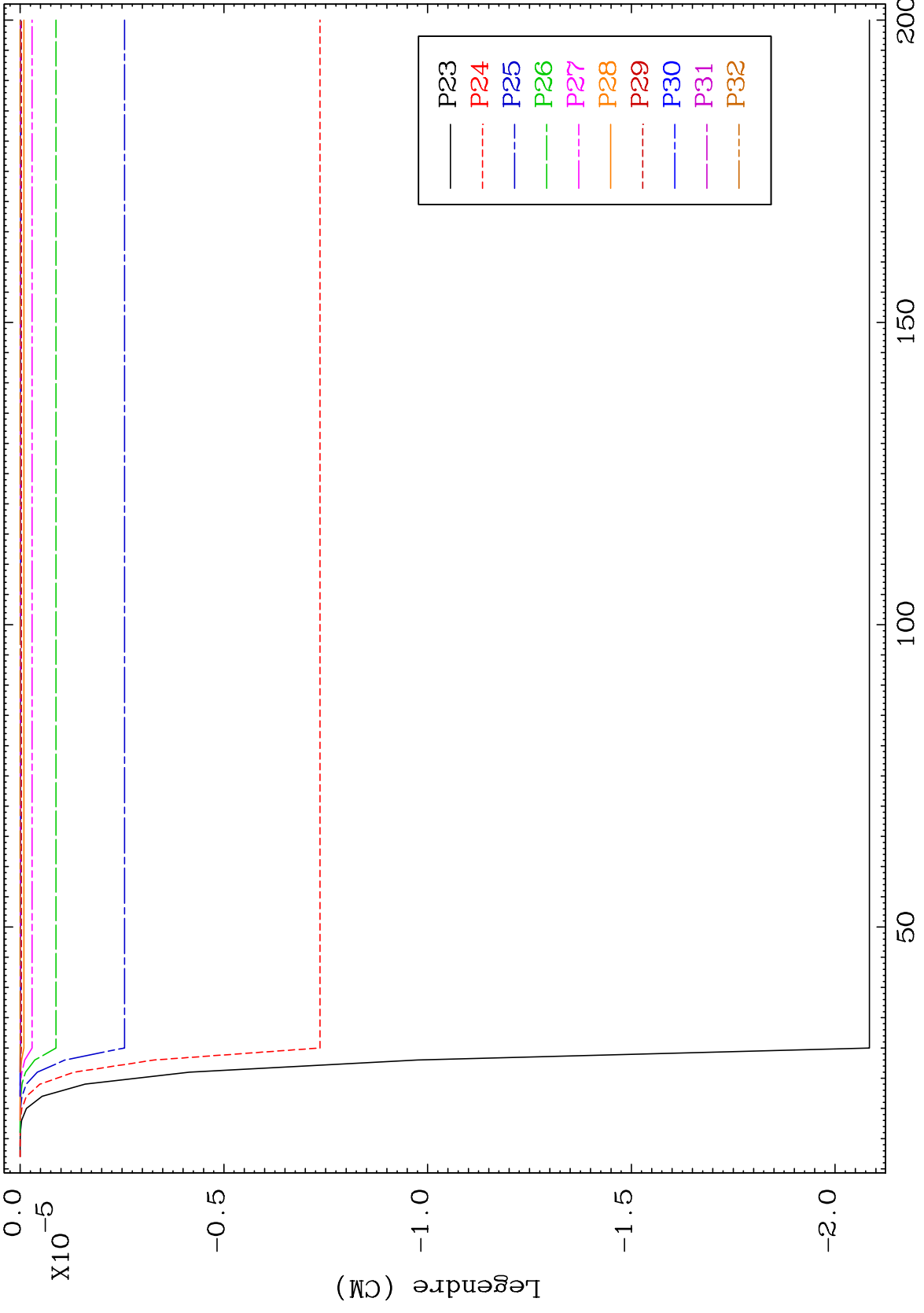


63

Incident Energy (MeV)

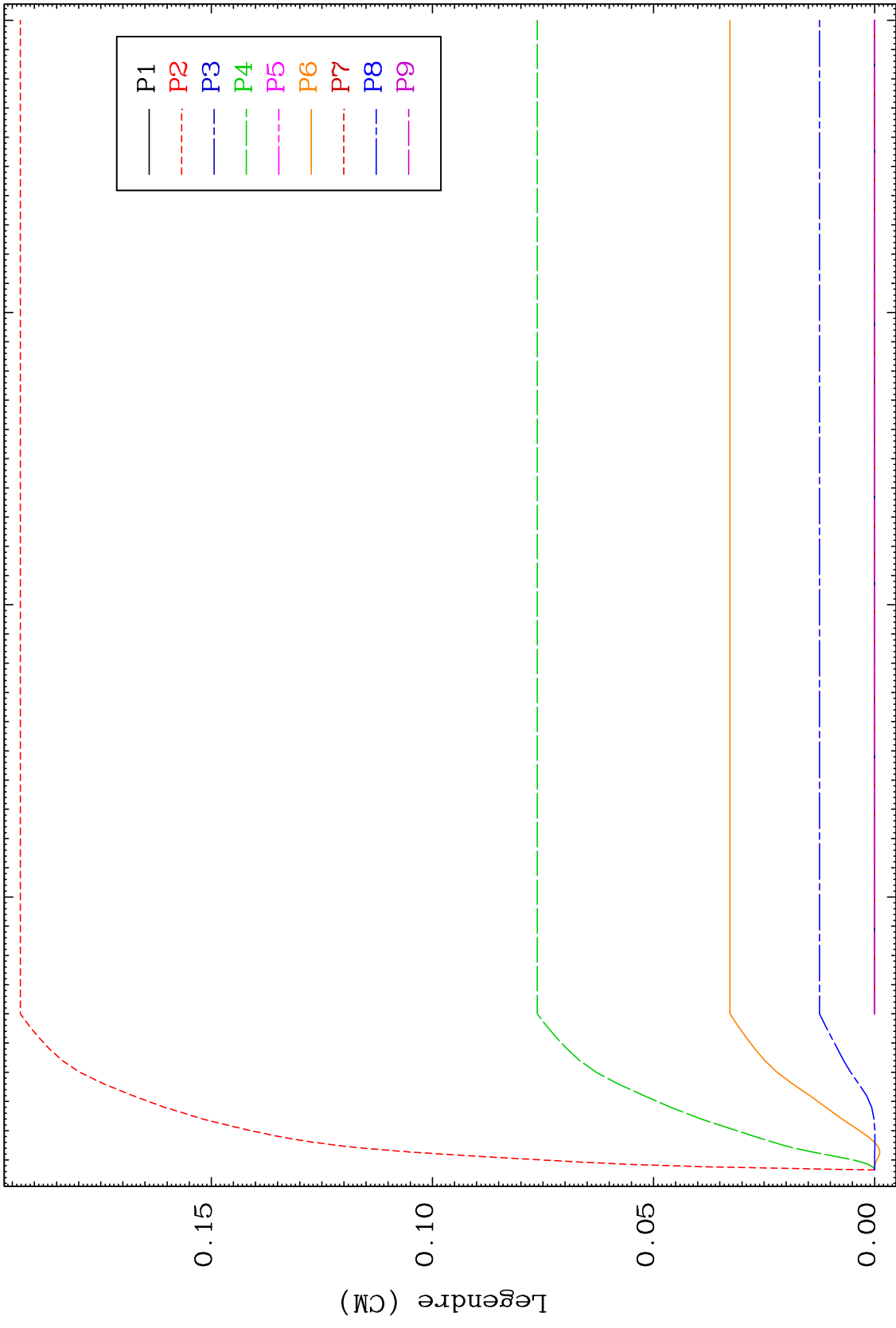
30-Zn-66

MAT 3031 MT= 65 (n,n') Level Legendre Coefficients 30-Zn-66



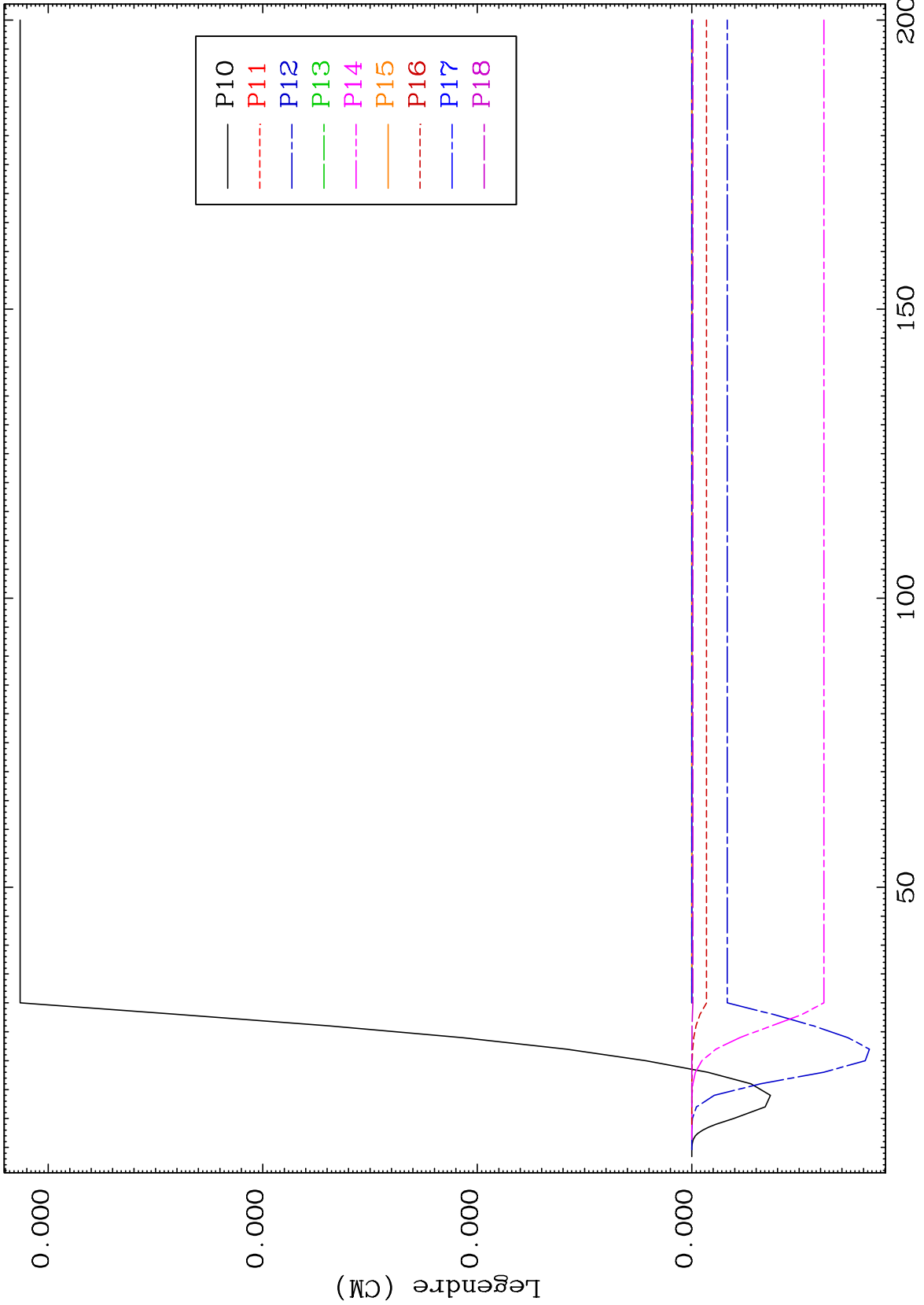
64 Incident Energy (MeV) 30-Zn-66

MAT 3031 MT= 66 (n,n') Level Legendre Coefficients 30-Zn-66



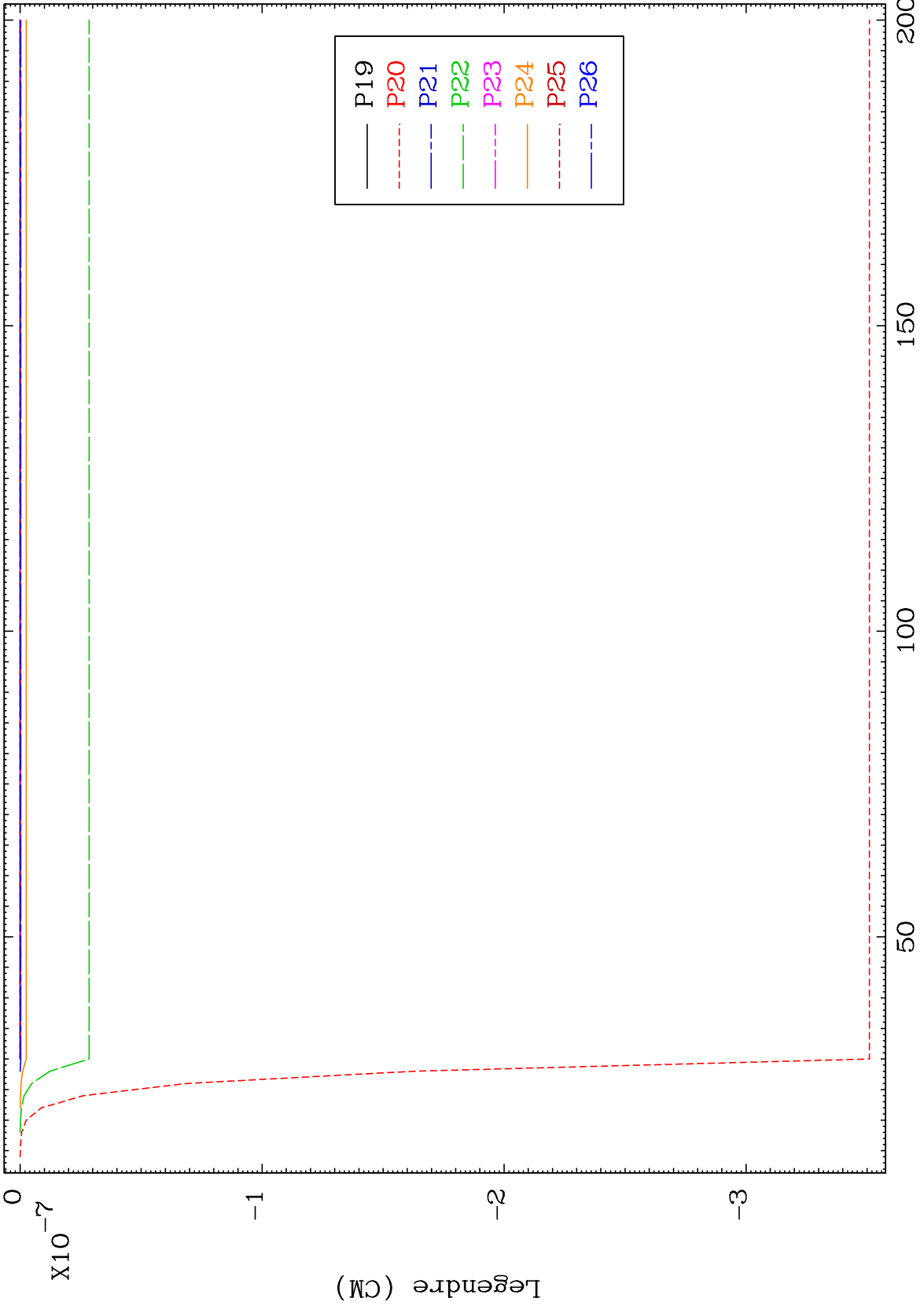
65 Incident Energy (MeV) 30-Zn-66

MAT 3031 MT= 66 (n,n') Level Legendre Coefficients 30-Zn-66

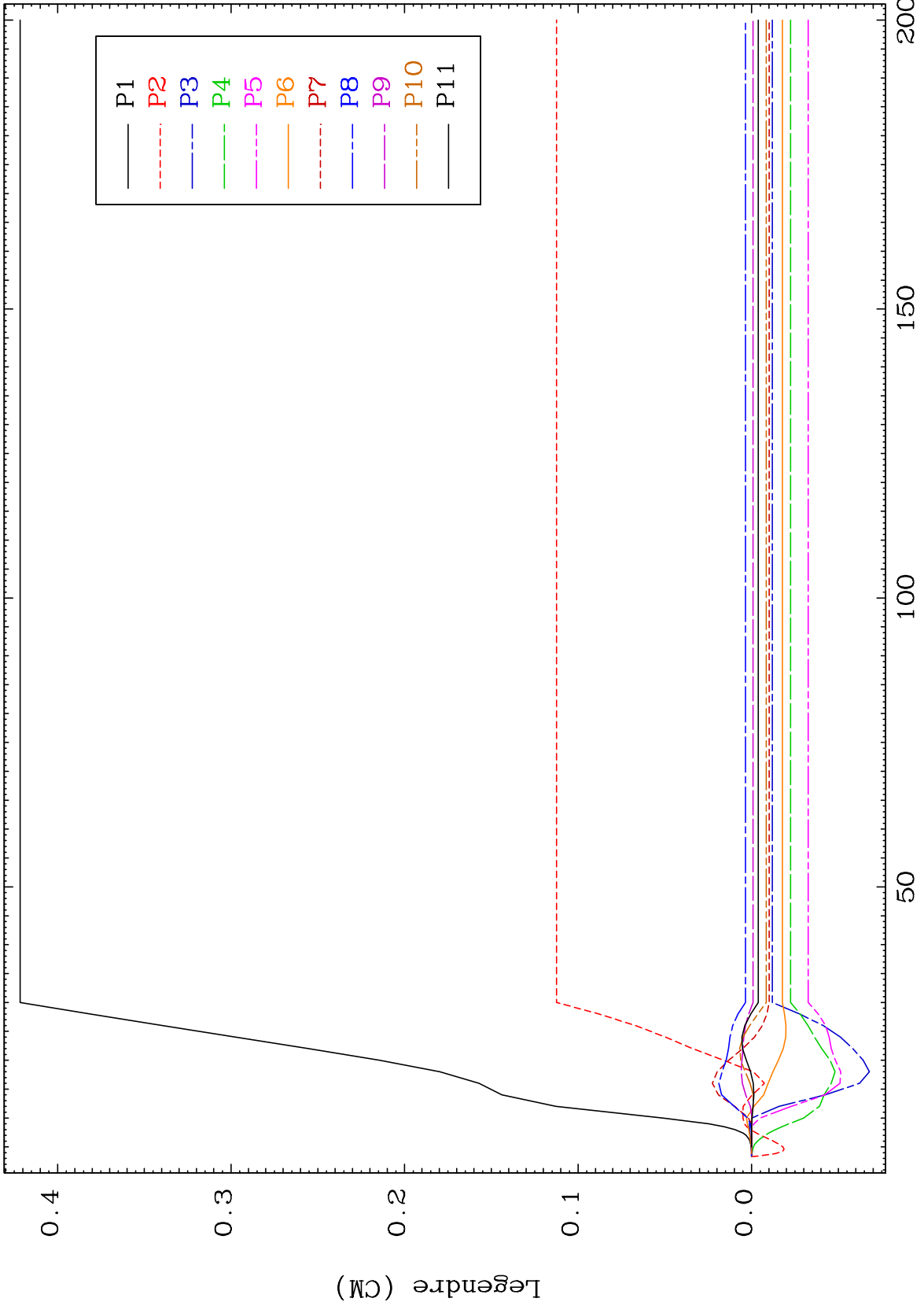


66 30-Zn-66

MAT 3031 MT= 66 (n,n') Level Legendre Coefficients 30-Zn-66



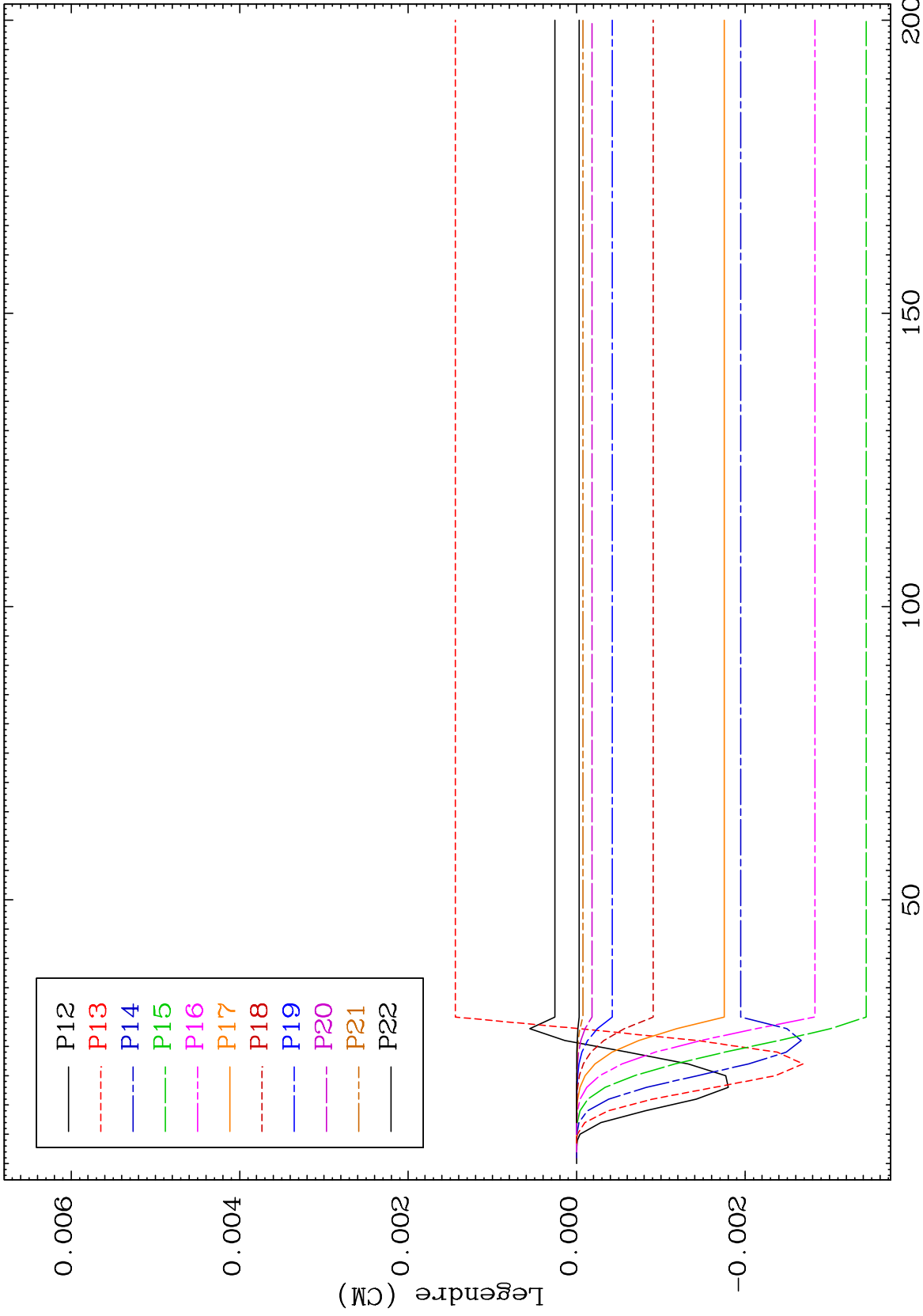
MAT 3031 MT= 67 (n,n') Level Legendre Coefficients 30-Zn-66



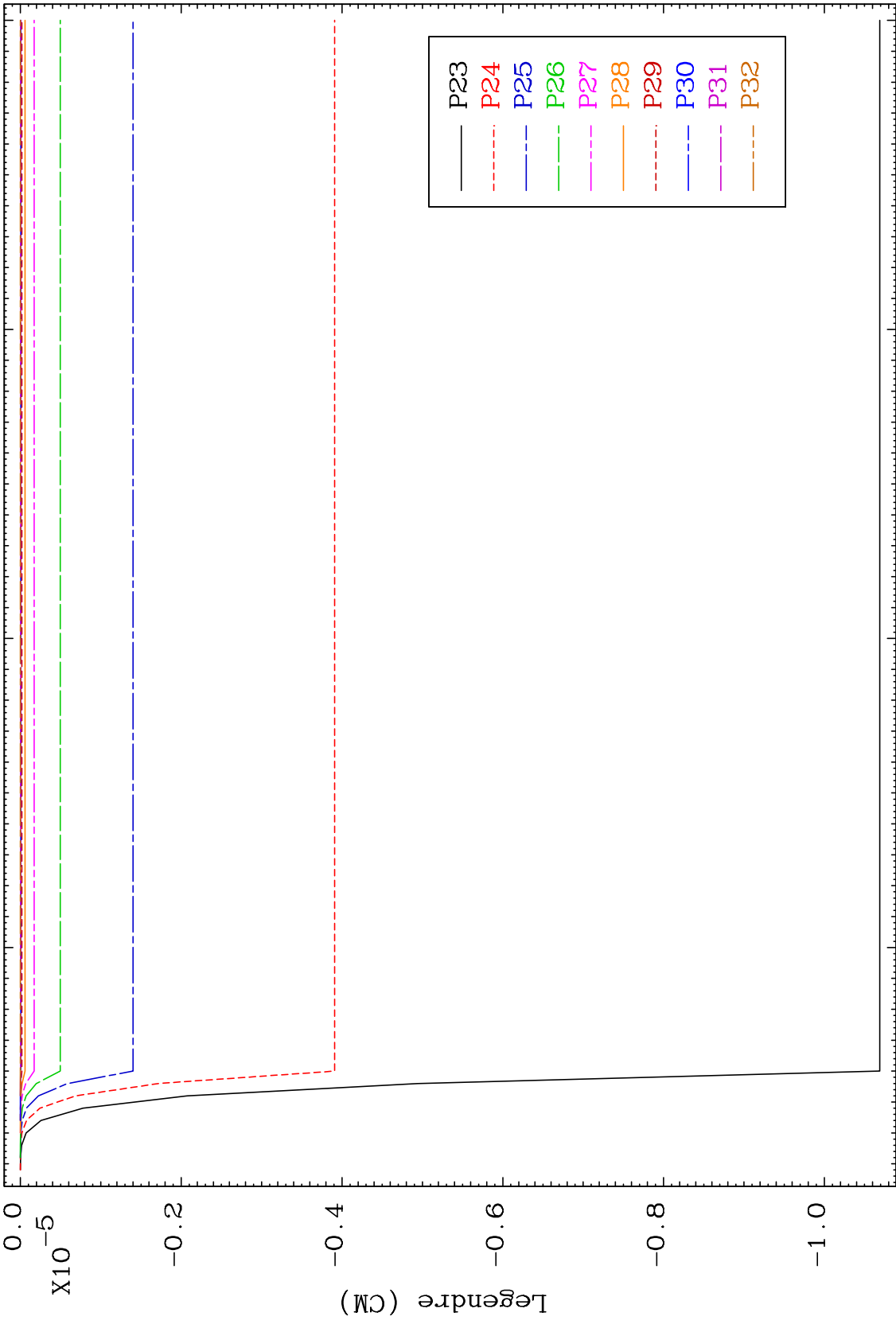
MAT 3031

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

30-Zn-66

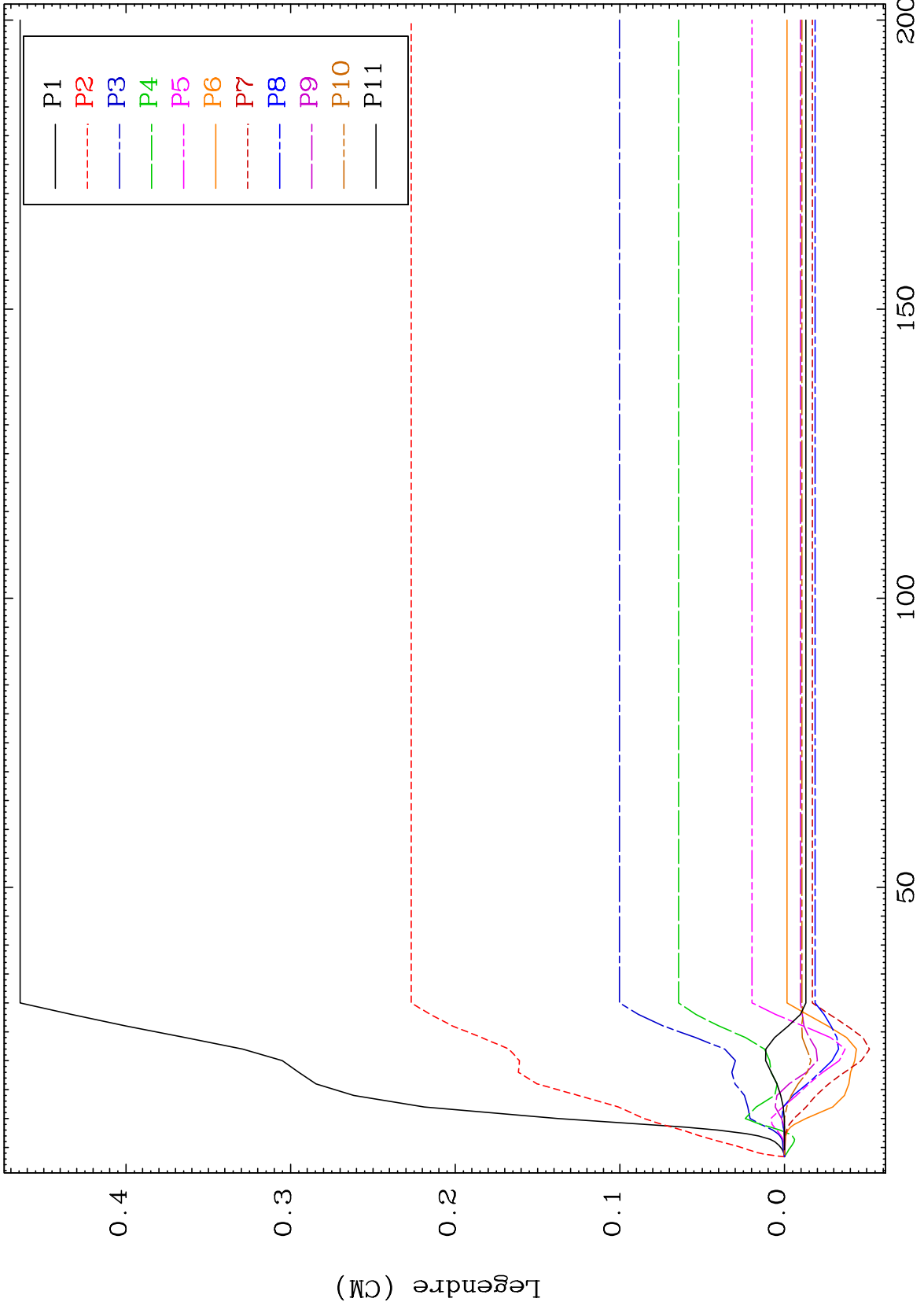


MAT 3031 MT= 67 (n,n') Level Legendre Coefficients 30-Zn-66

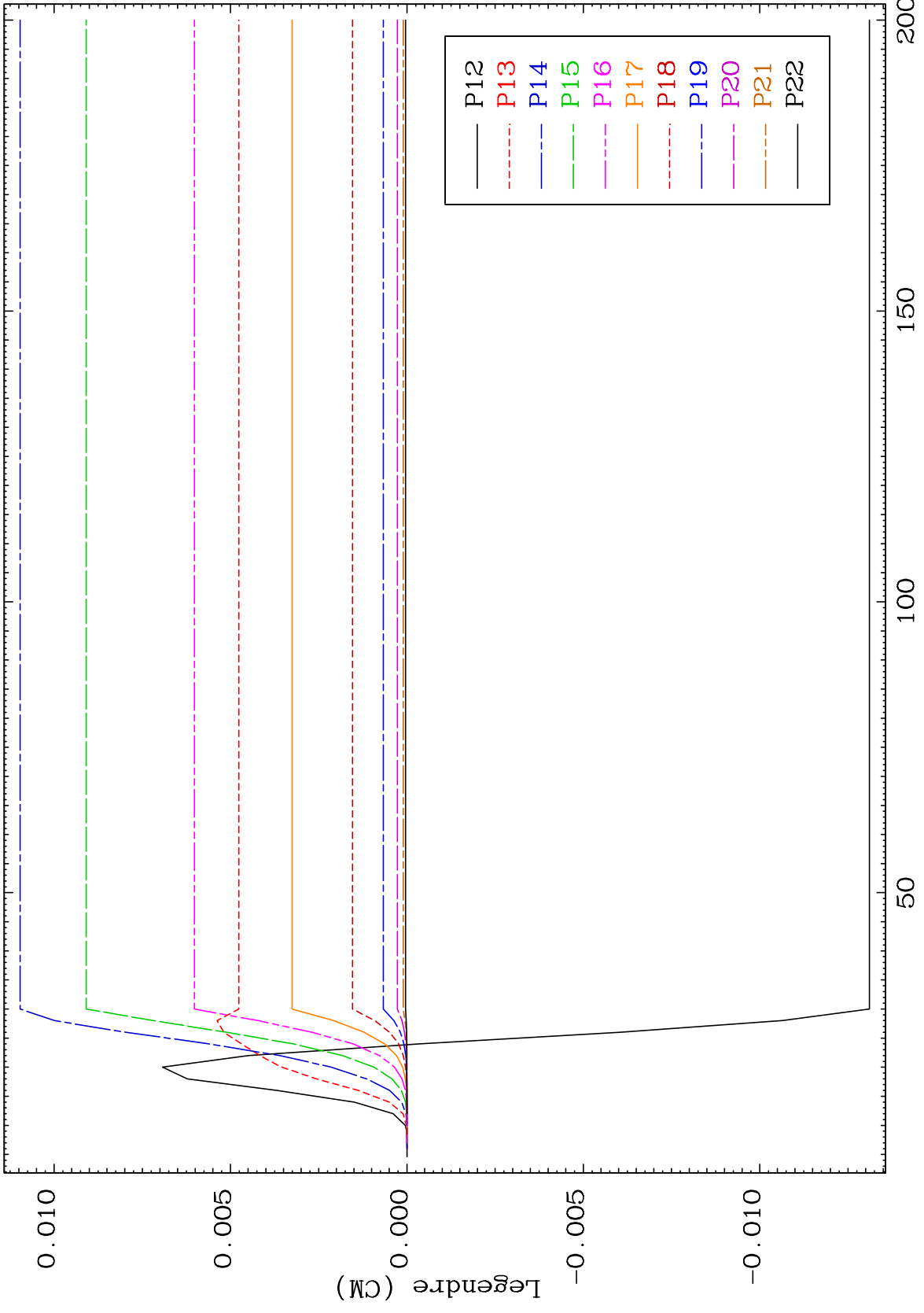


70 50 100 150 200 Incident Energy (MeV) 30-Zn-66

MAT 3031 MT= 68 (n,n') Level Legendre Coefficients 30-Zn-66



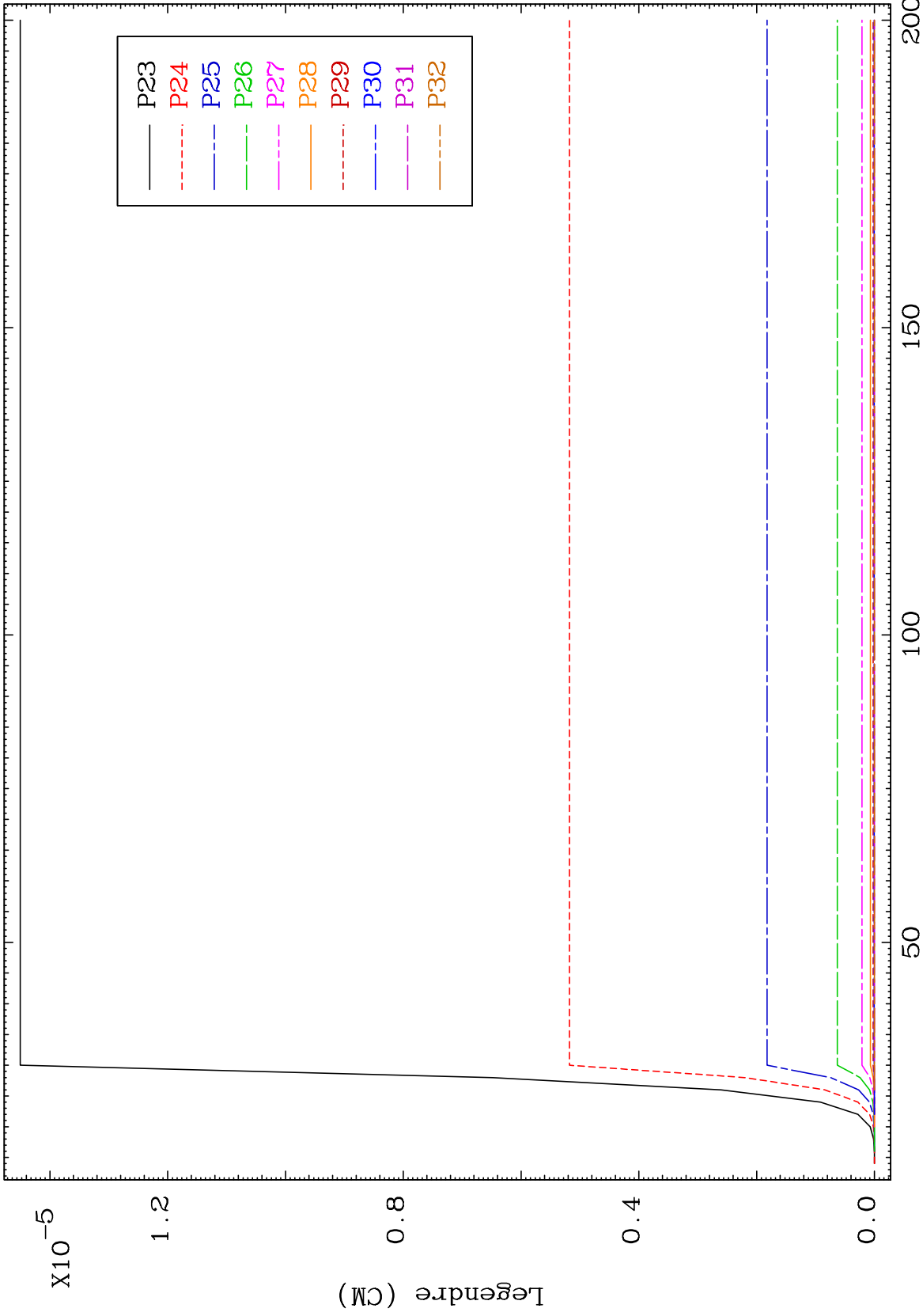
MAT 3031 MT= 68 (n,n') Level Legendre Coefficients 30-Zn-66



MAT 3031

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

30-Zn-66



73

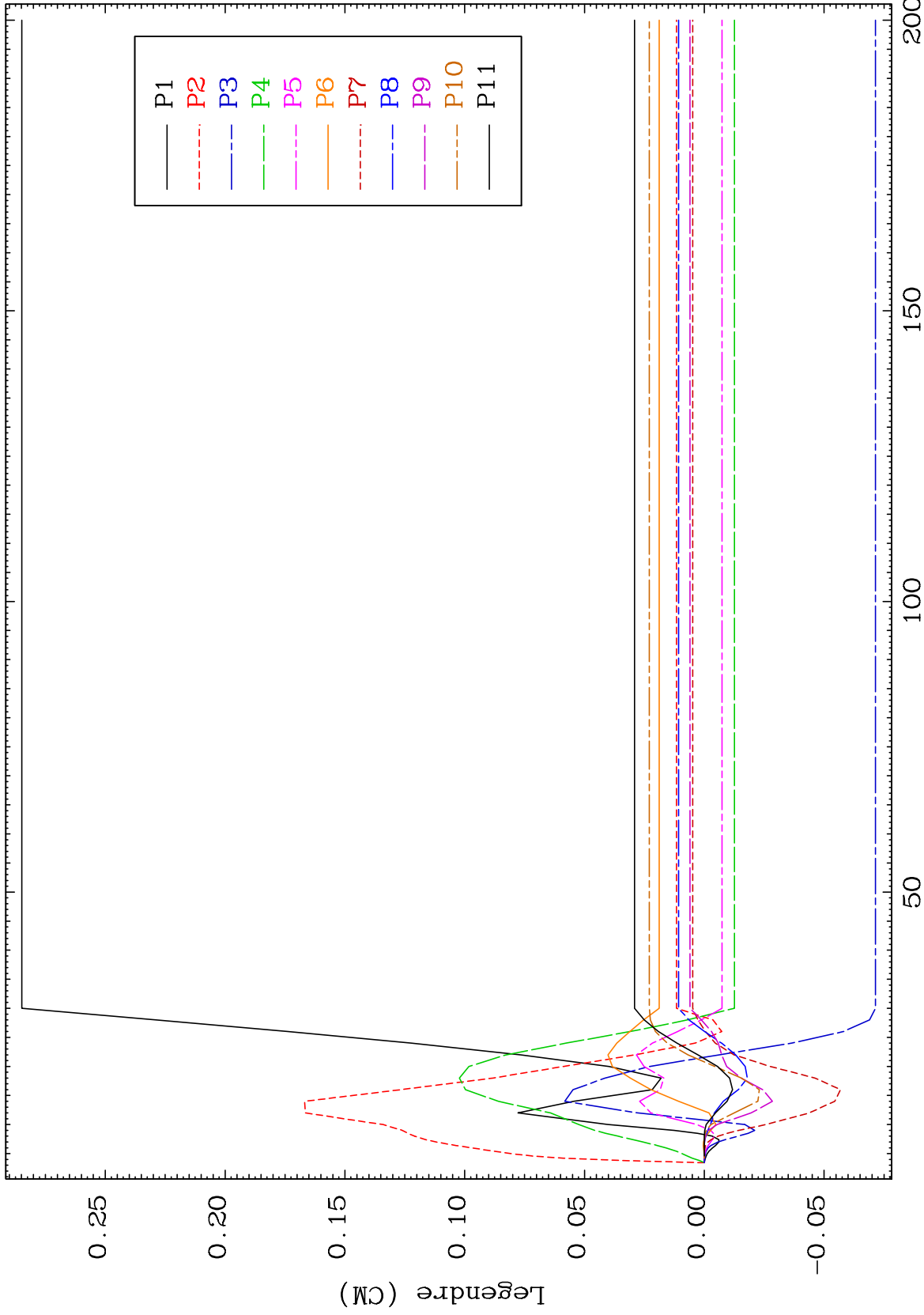
Incident Energy (MeV)

30-Zn-66

MAT 3031

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

30-Zn-66



74

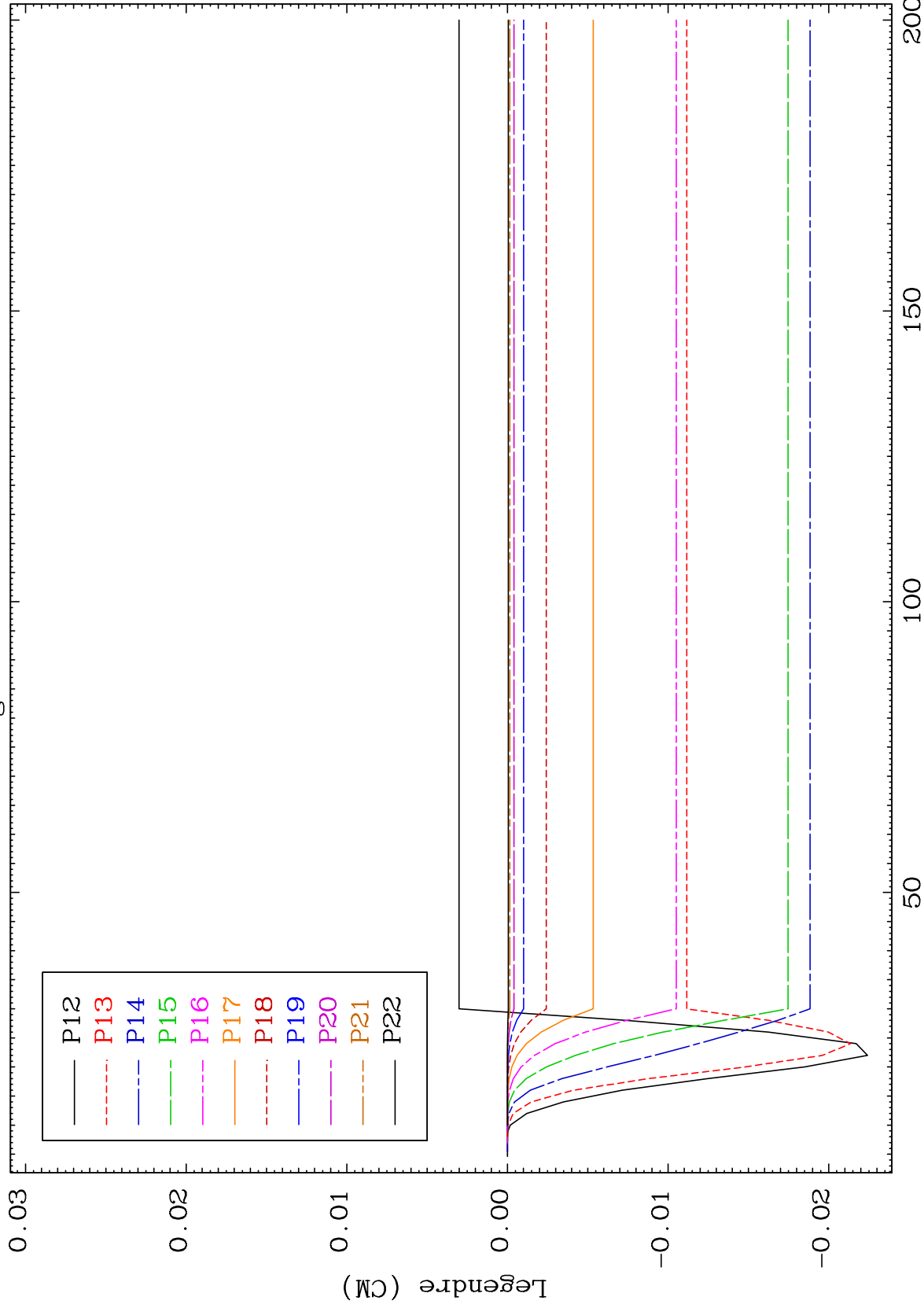
Incident Energy (MeV)

30-Zn-66

MAT 3031

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

30-Zn-66



75

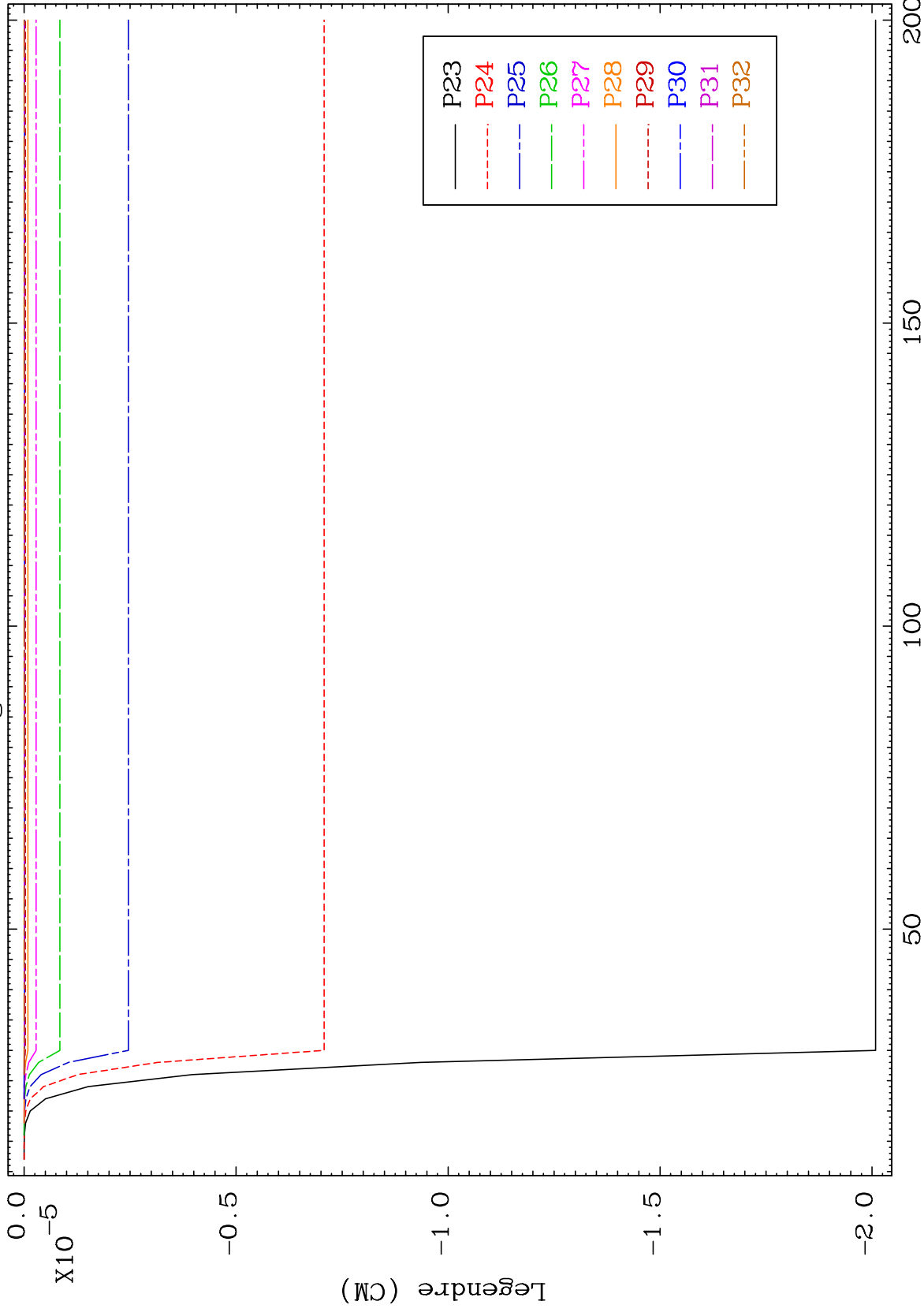
Incident Energy (MeV)

30-Zn-66

MAT 3031

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

30-Zn-66

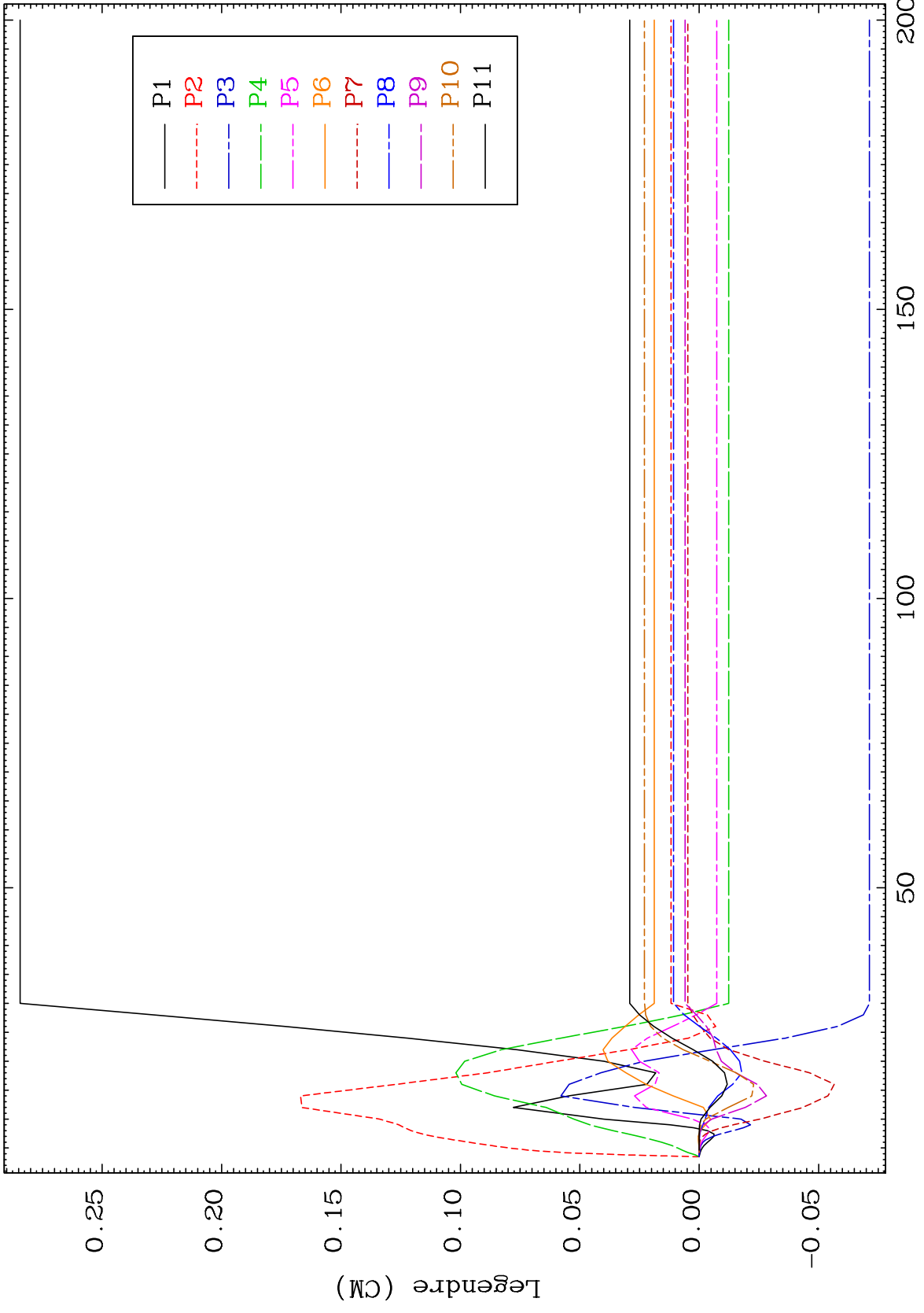


76

Incident Energy (MeV)

30-Zn-66

MAT 3031 MT= 70 (n,n') Level Legendre Coefficients 30-Zn-66

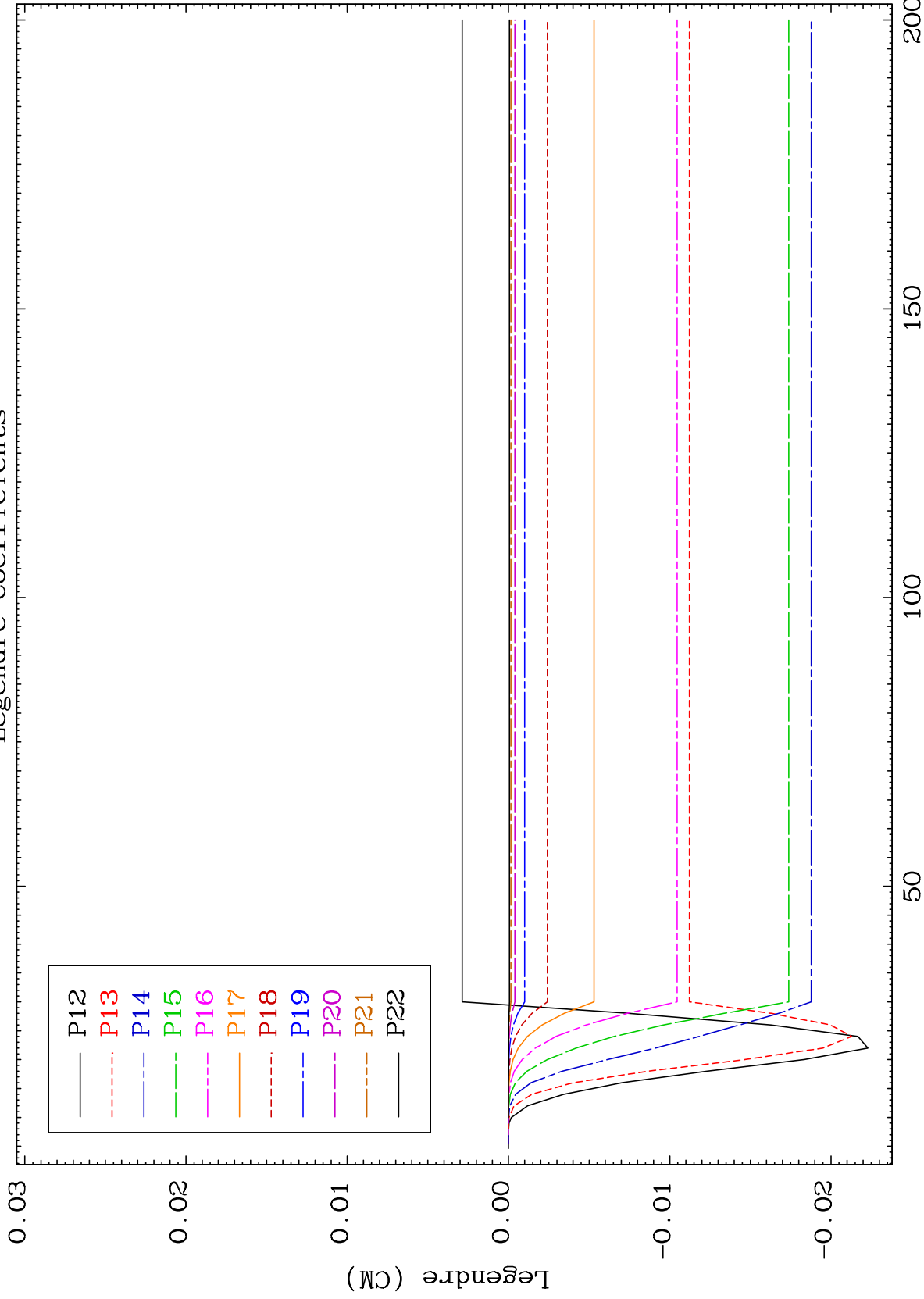


77 30-Zn-66

MAT 3031

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

30-Zn-66

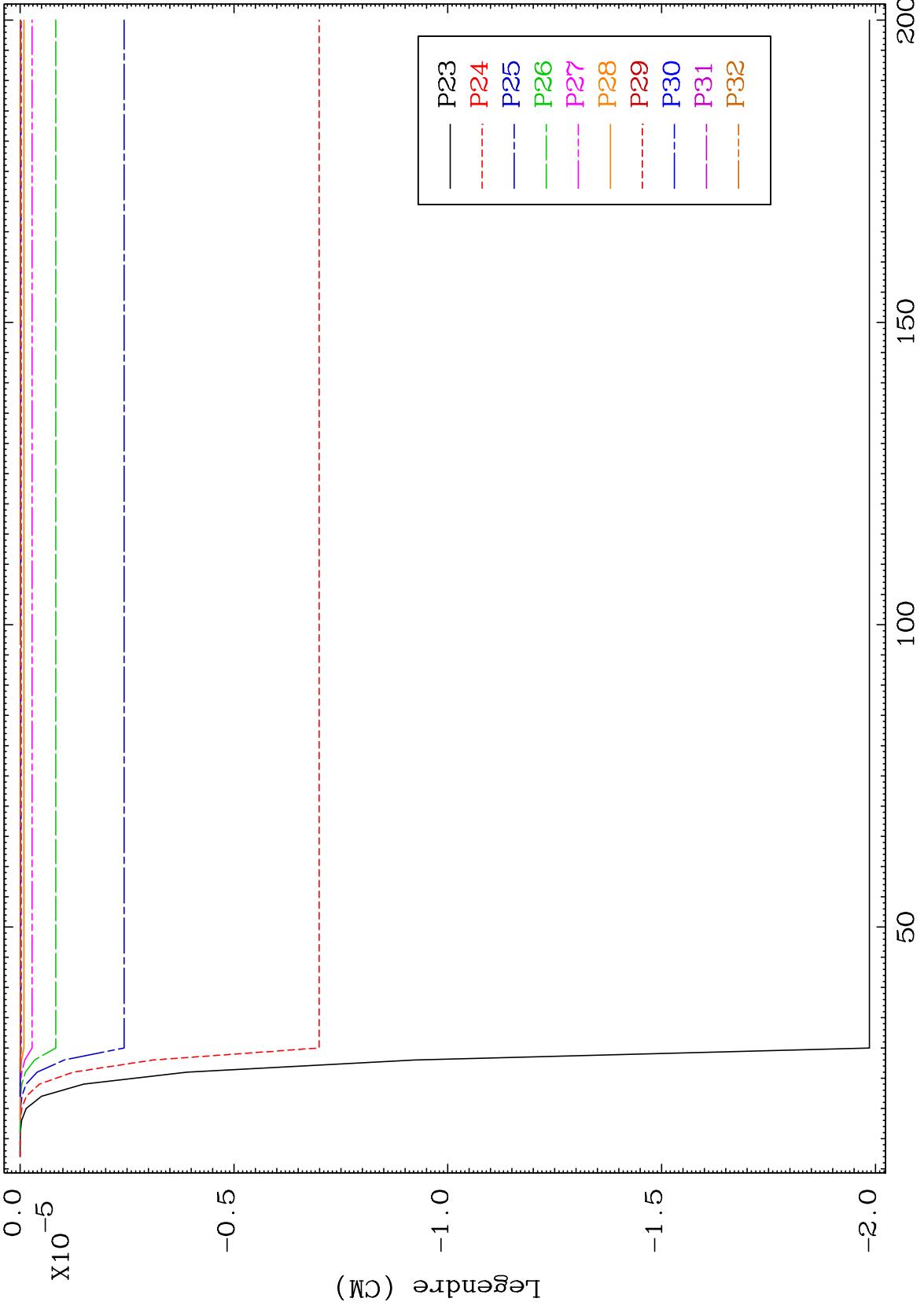


78

Incident Energy (MeV)

30-Zn-66

MAT 3031 MT= 70 (n,n') Level Legendre Coefficients 30-Zn-66

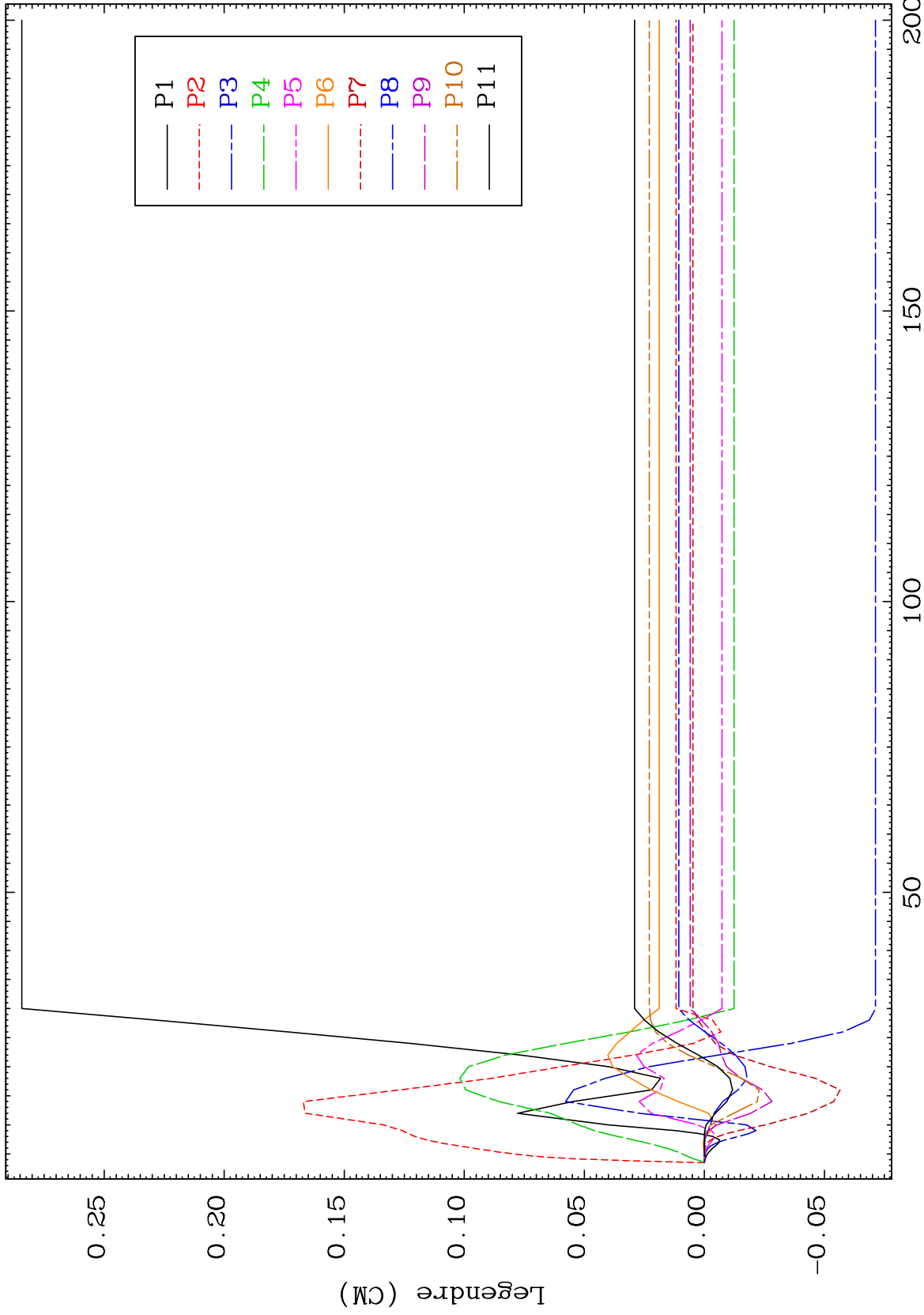


79 Incident Energy (MeV) 30-Zn-66

MAT 3031

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

30-Zn-66



80

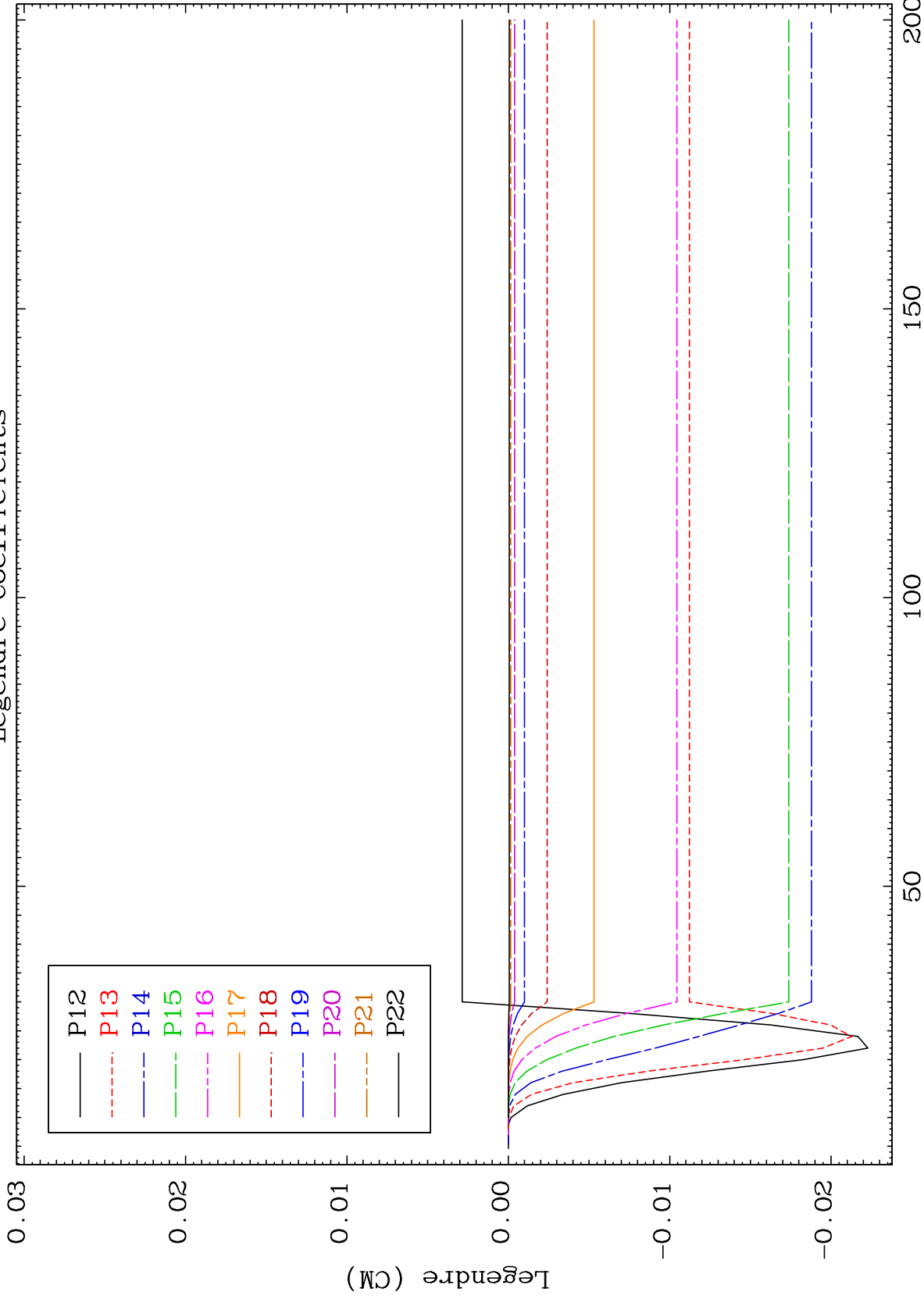
Incident Energy (MeV)

30-Zn-66

MAT 3031

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

30-Zn-66



81

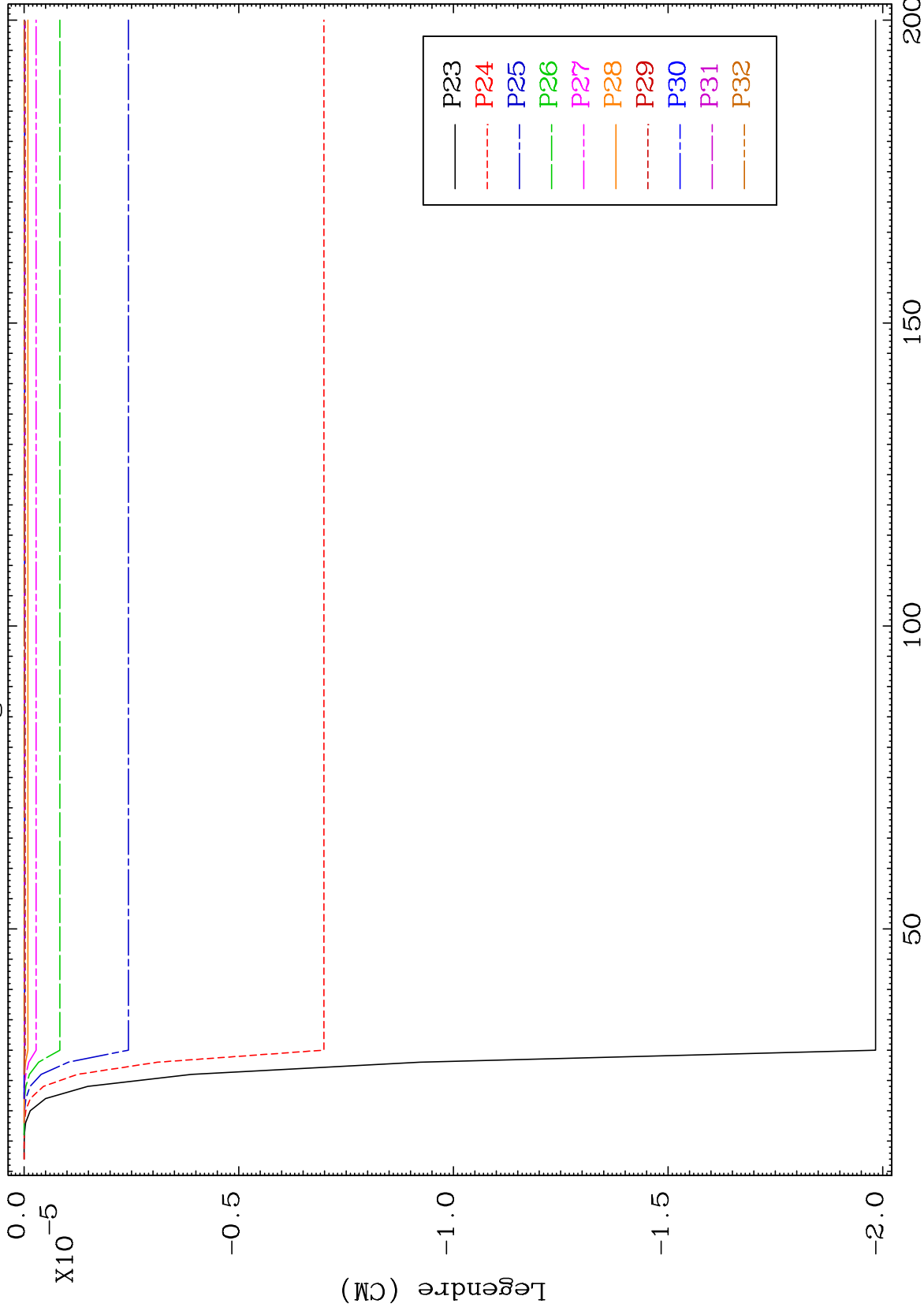
Incident Energy (MeV)

30-Zn-66

MAT 3031

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

30-Zn-66



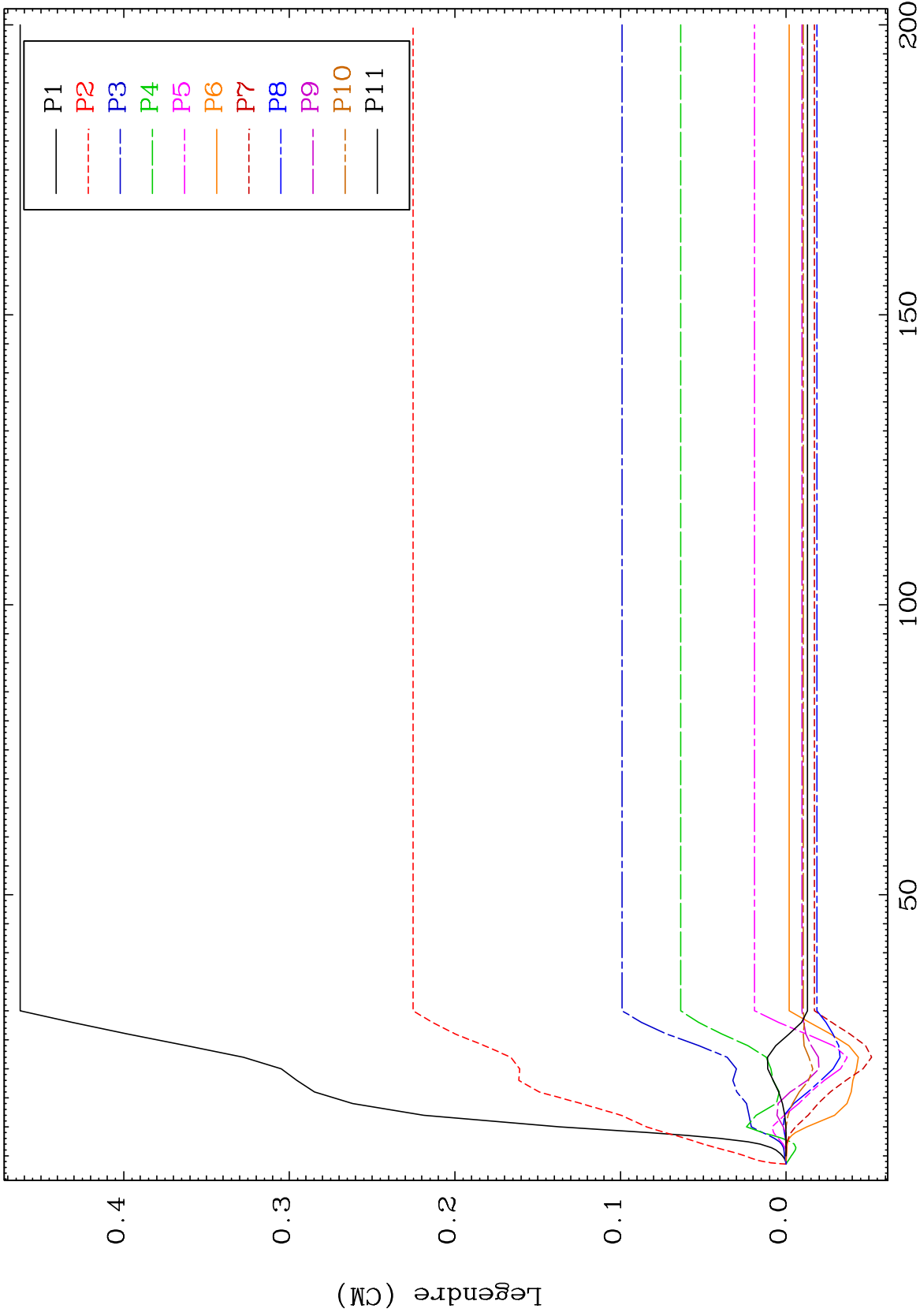
82

30-Zn-66

MAT 3031

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

30-Zn-66



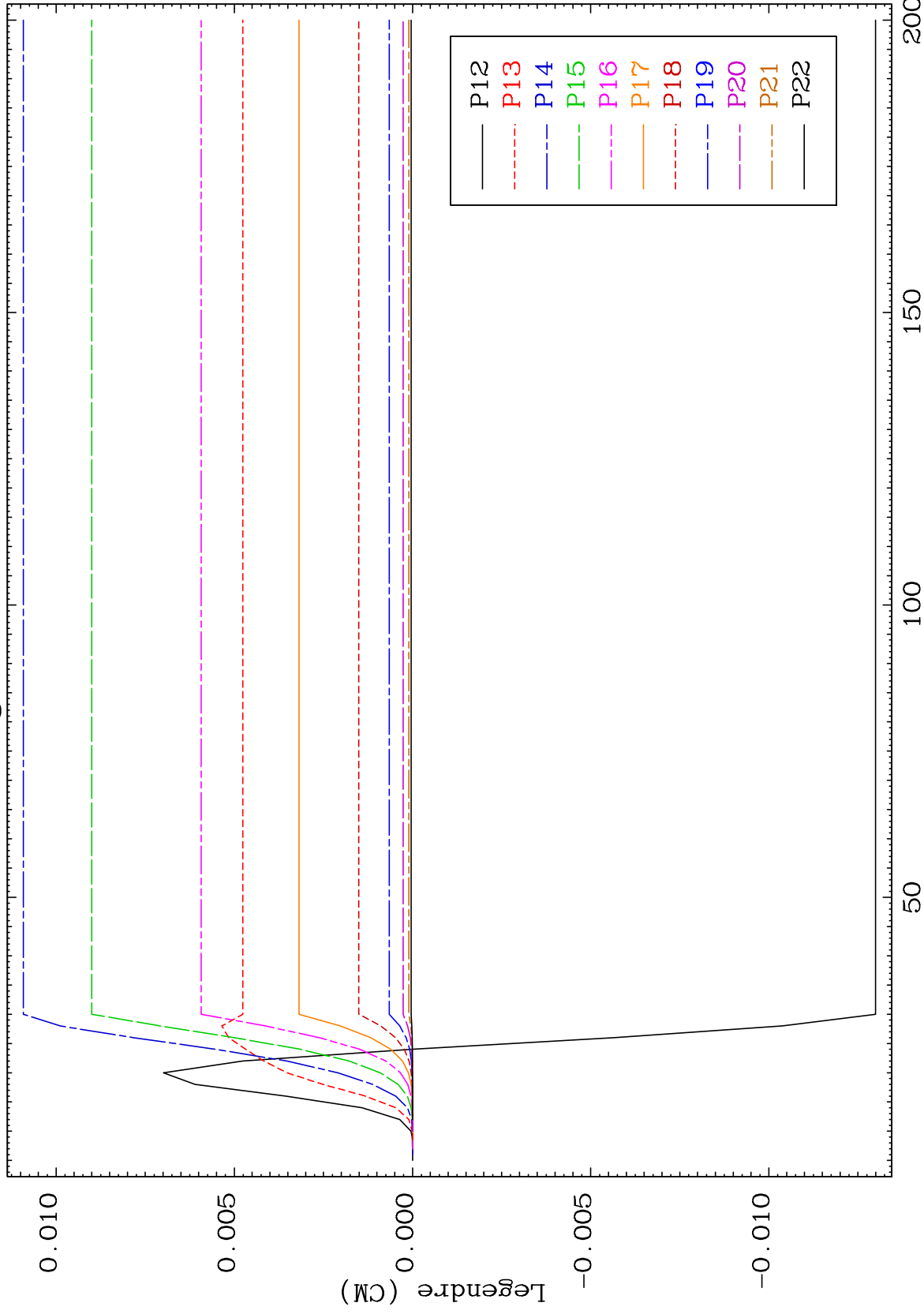
83

30-Zn-66

MAT 3031

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

30-Zn-66



84

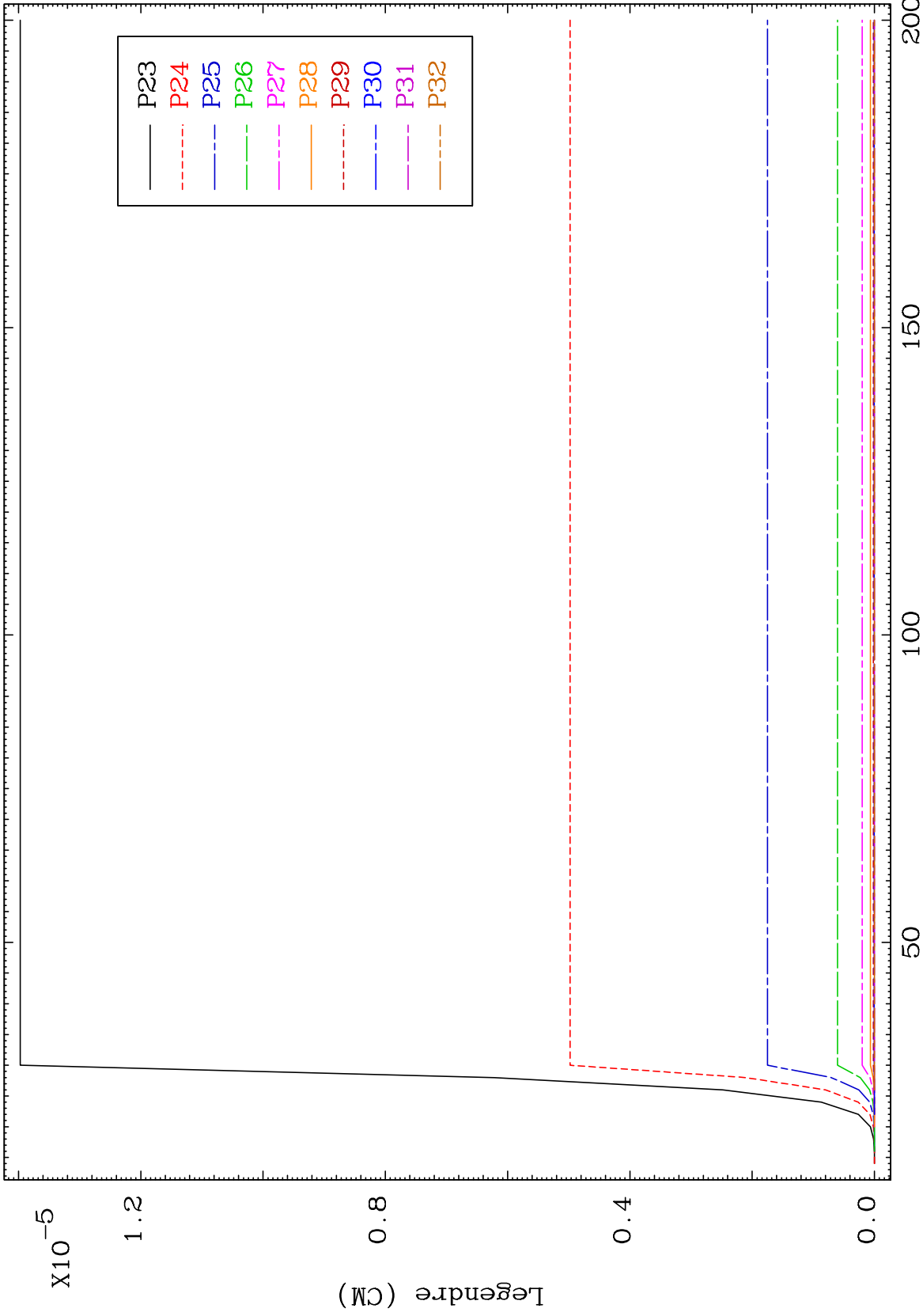
Incident Energy (MeV)

30-Zn-66

MAT 3031

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

30-Zn-66



85

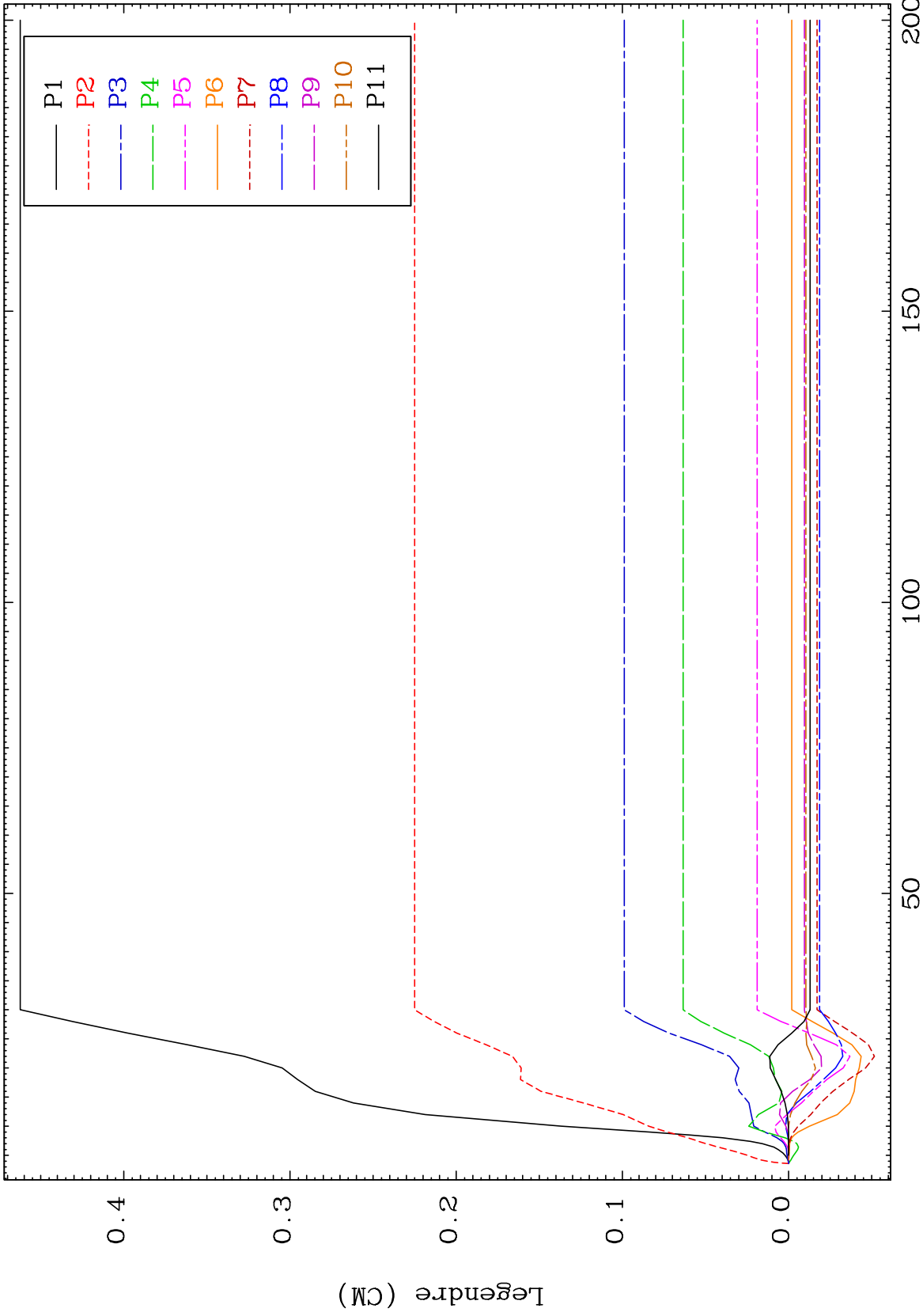
Incident Energy (MeV)

30-Zn-66

MAT 3031

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

30-Zn-66



86

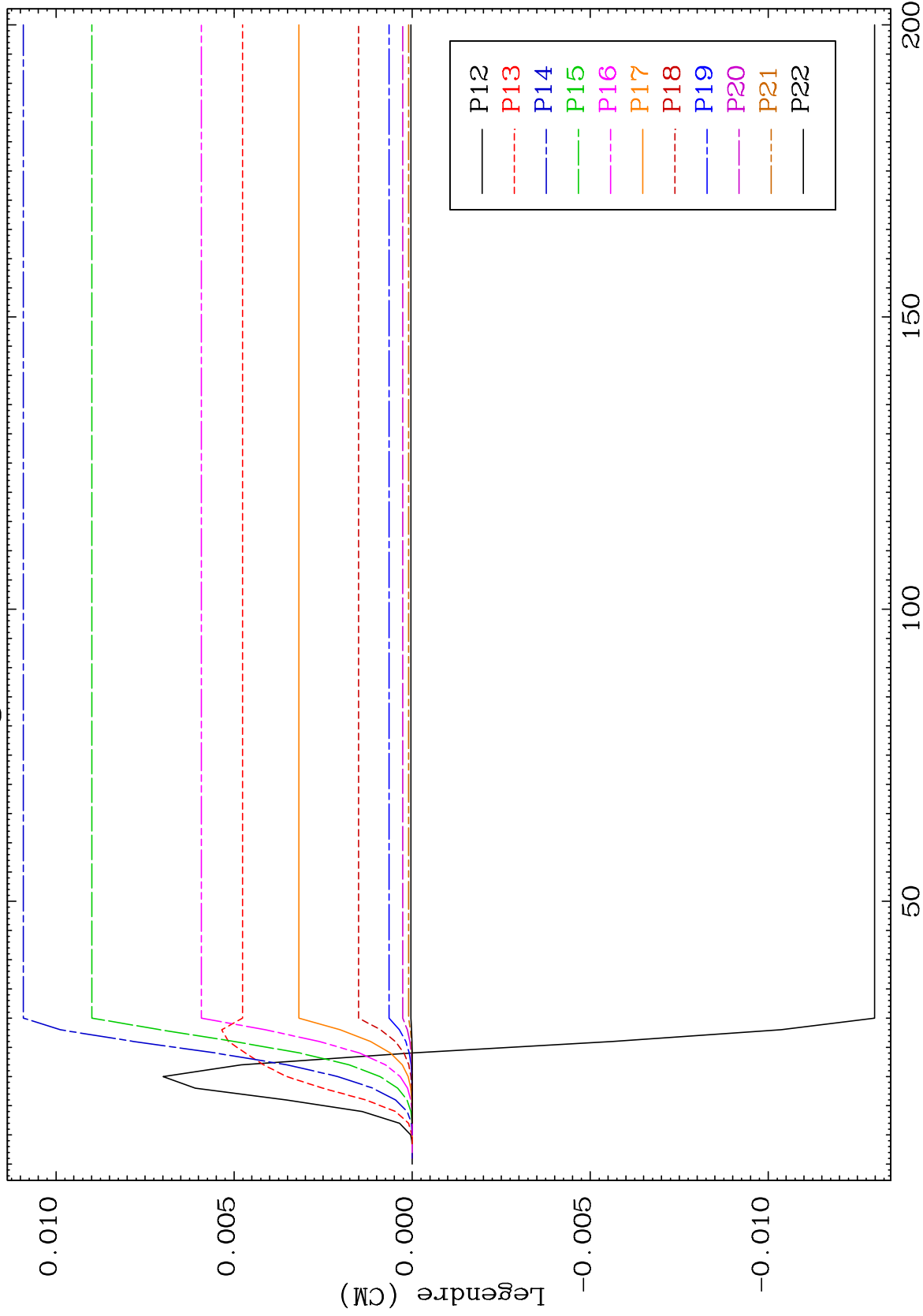
Incident Energy (MeV)

30-Zn-66

MAT 3031

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

30-Zn-66



87

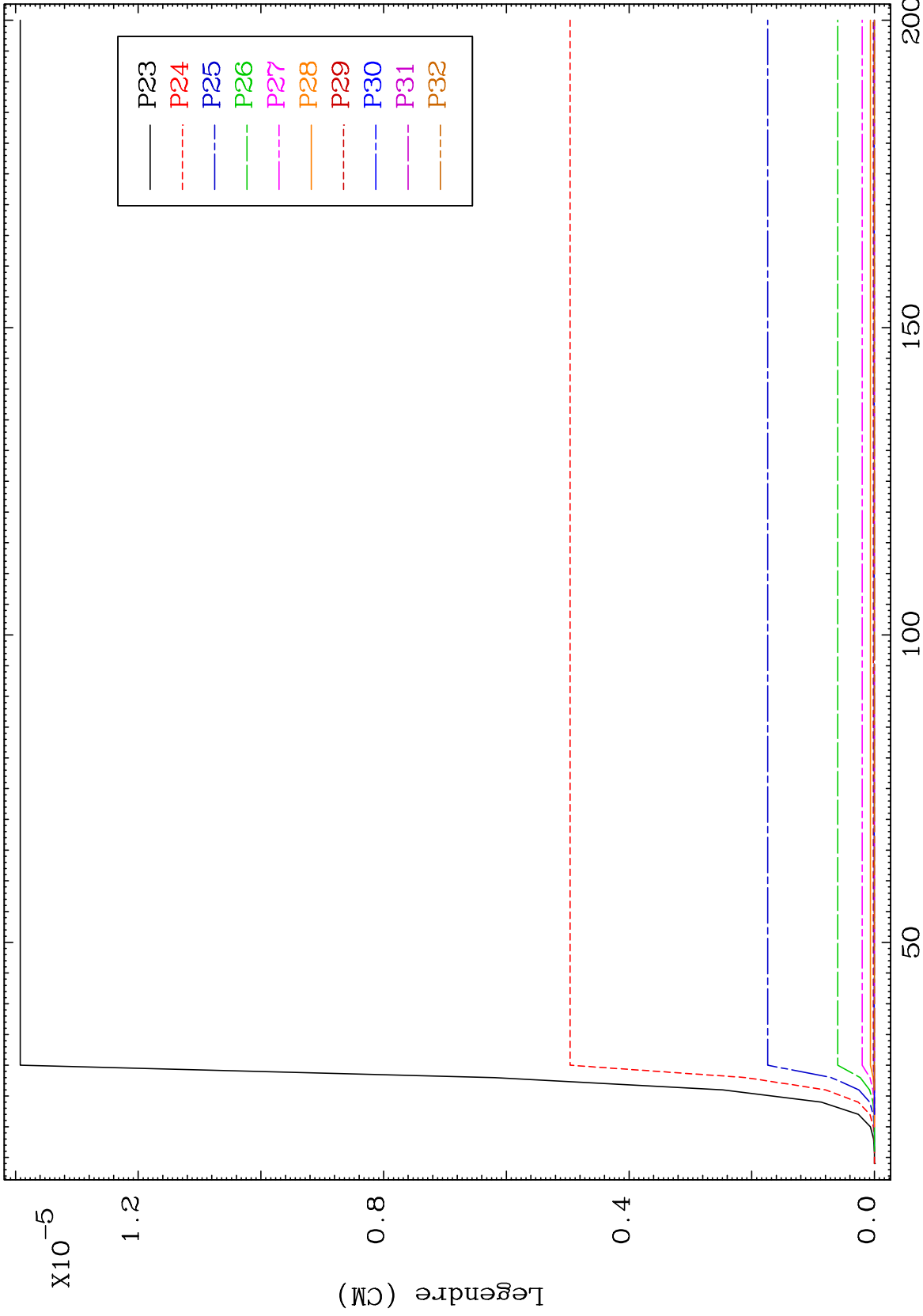
Incident Energy (MeV)

30-Zn-66

MAT 3031

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

30-Zn-66

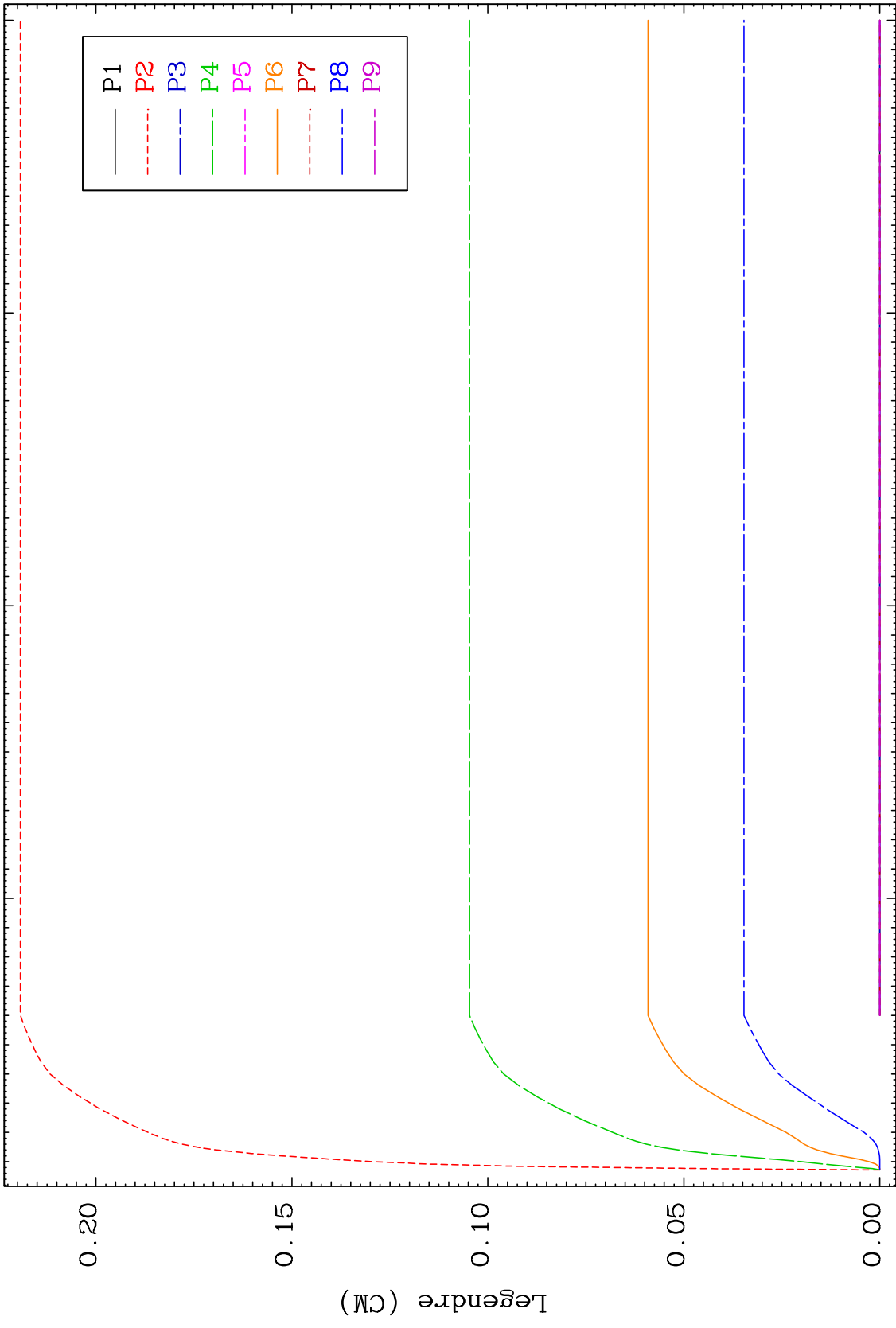


88

Incident Energy (MeV)

30-Zn-66

MAT 3031 MT= 74 (n,n') Level Legendre Coefficients 30-Zn-66

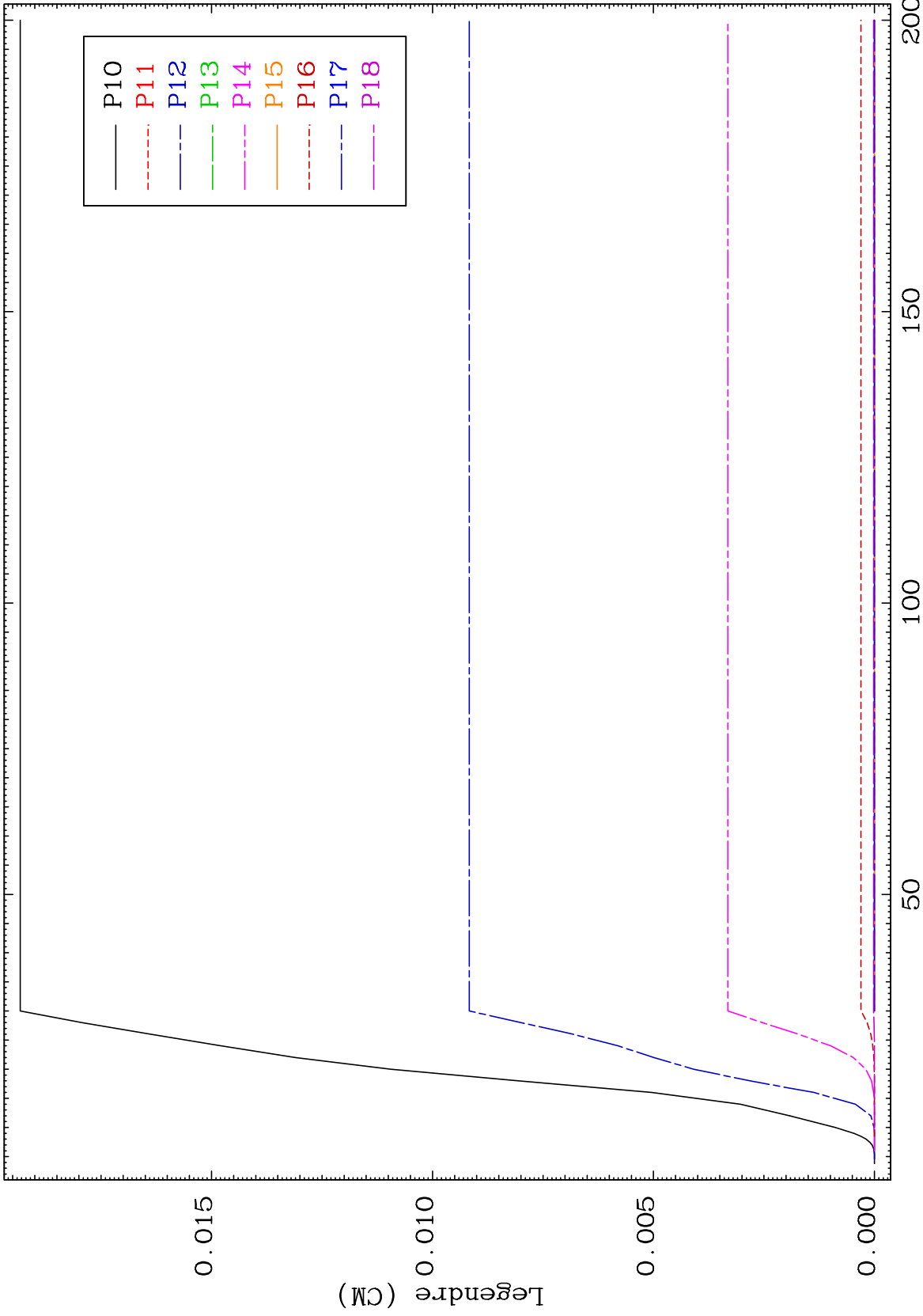


89 30-Zn-66

MAT 3031

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

30-Zn-66

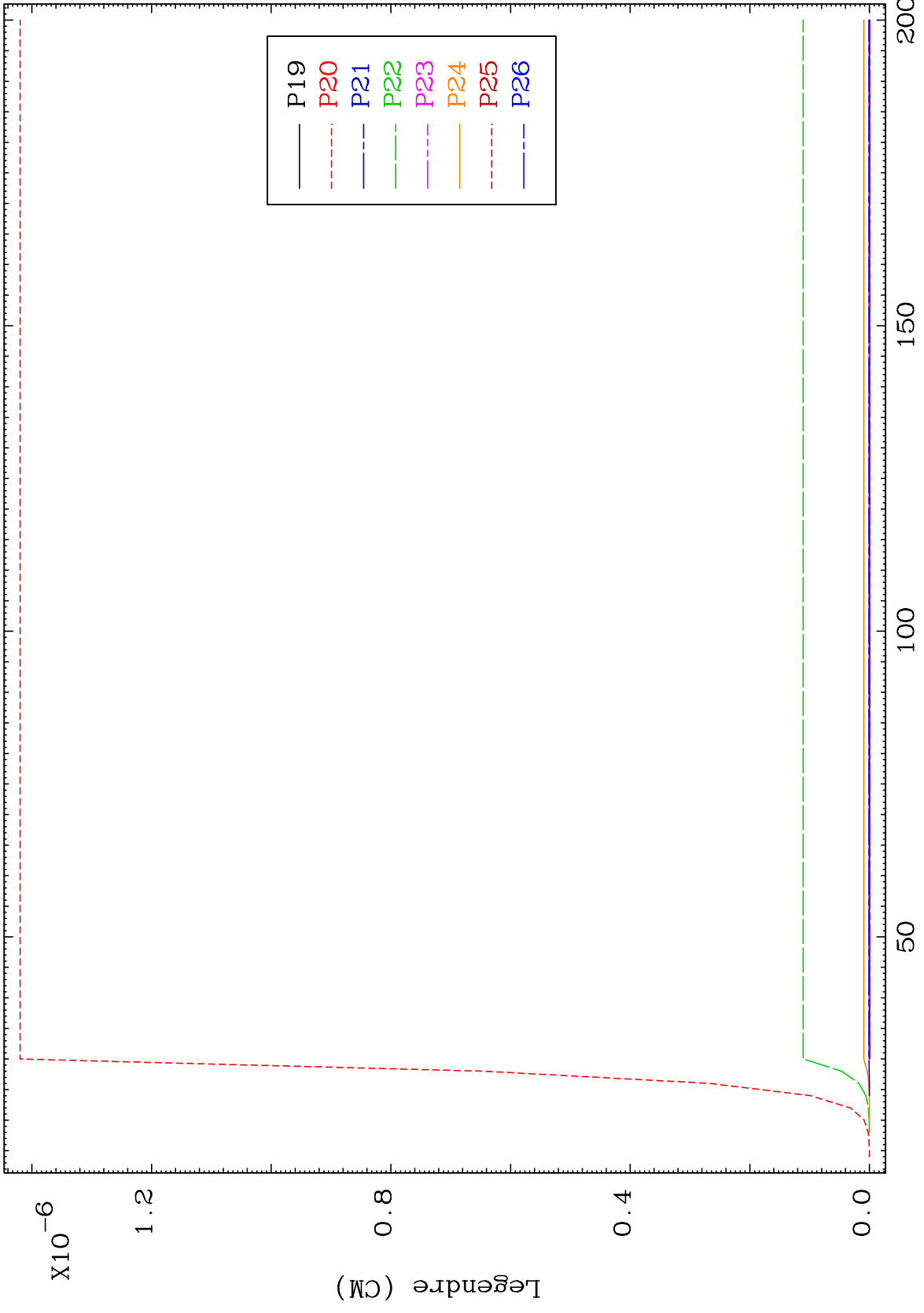


90

Incident Energy (MeV)

30-Zn-66

MAT 3031 MT= 74 (n,n') Level Legendre Coefficients 30-Zn-66

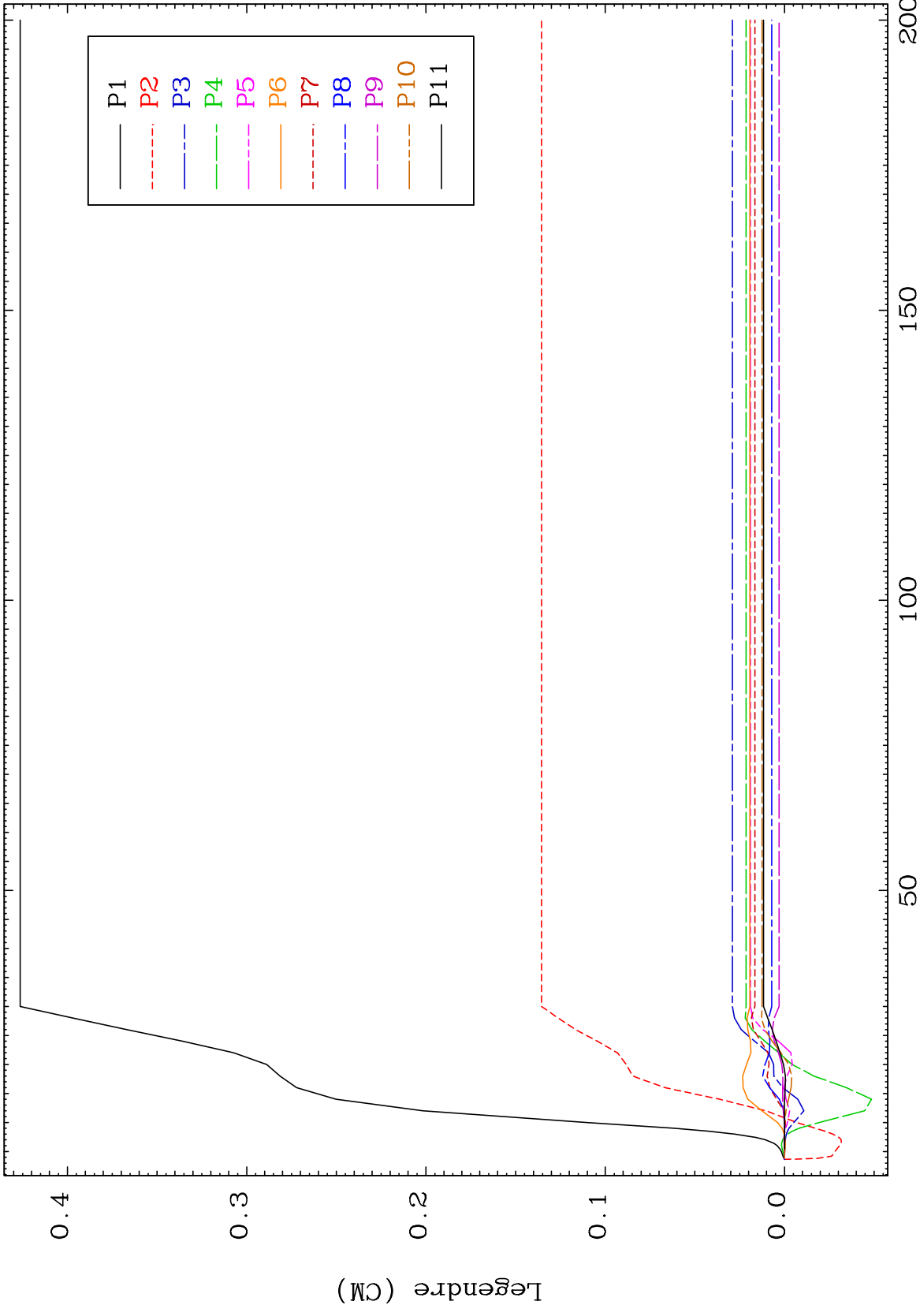


91 30-Zn-66

MAT 3031

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

30-Zn-66



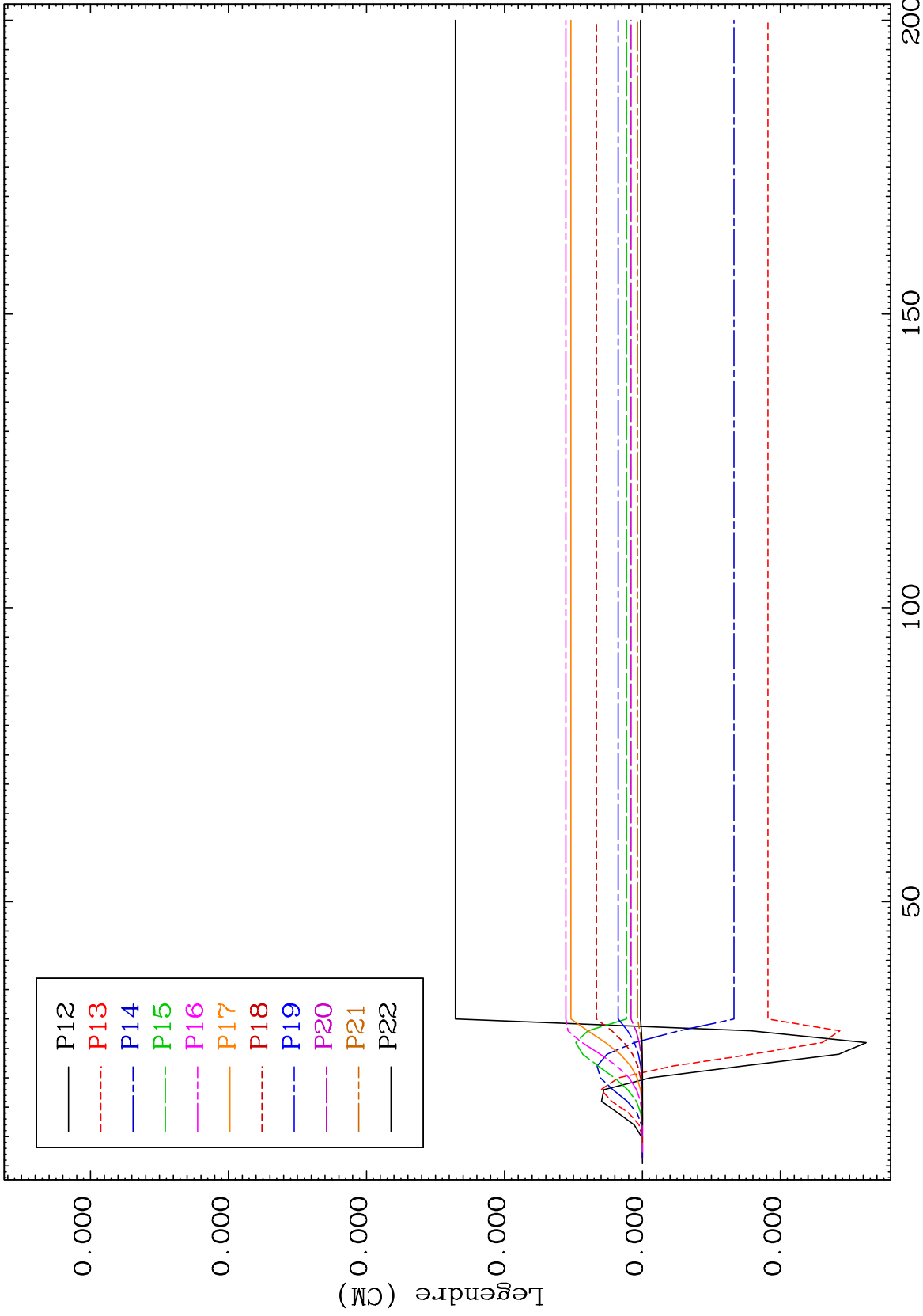
92

30-Zn-66

MAT 3031

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

30-Zn-66



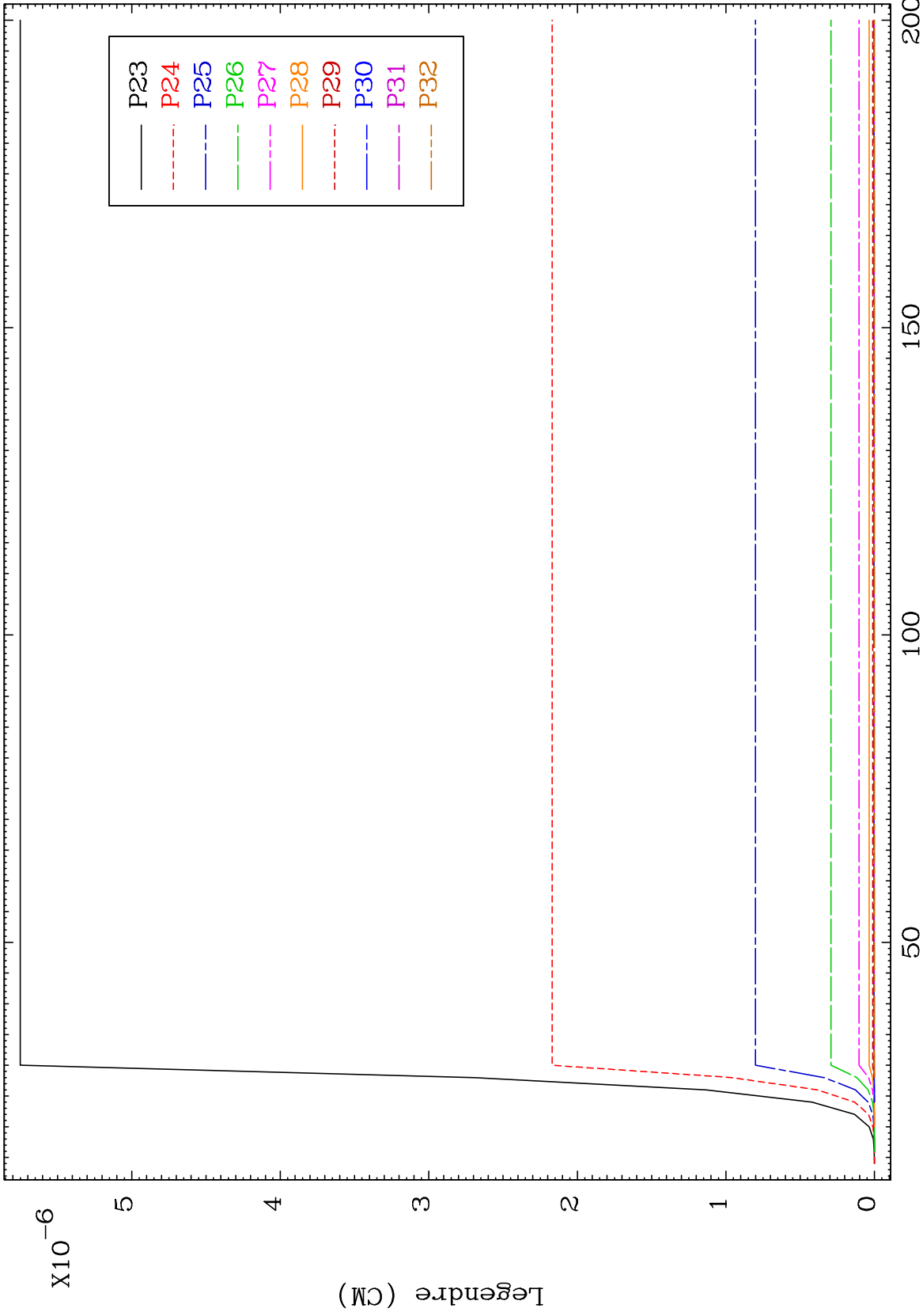
93

30-Zn-66

MAT 3031

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

30-Zn-66



94

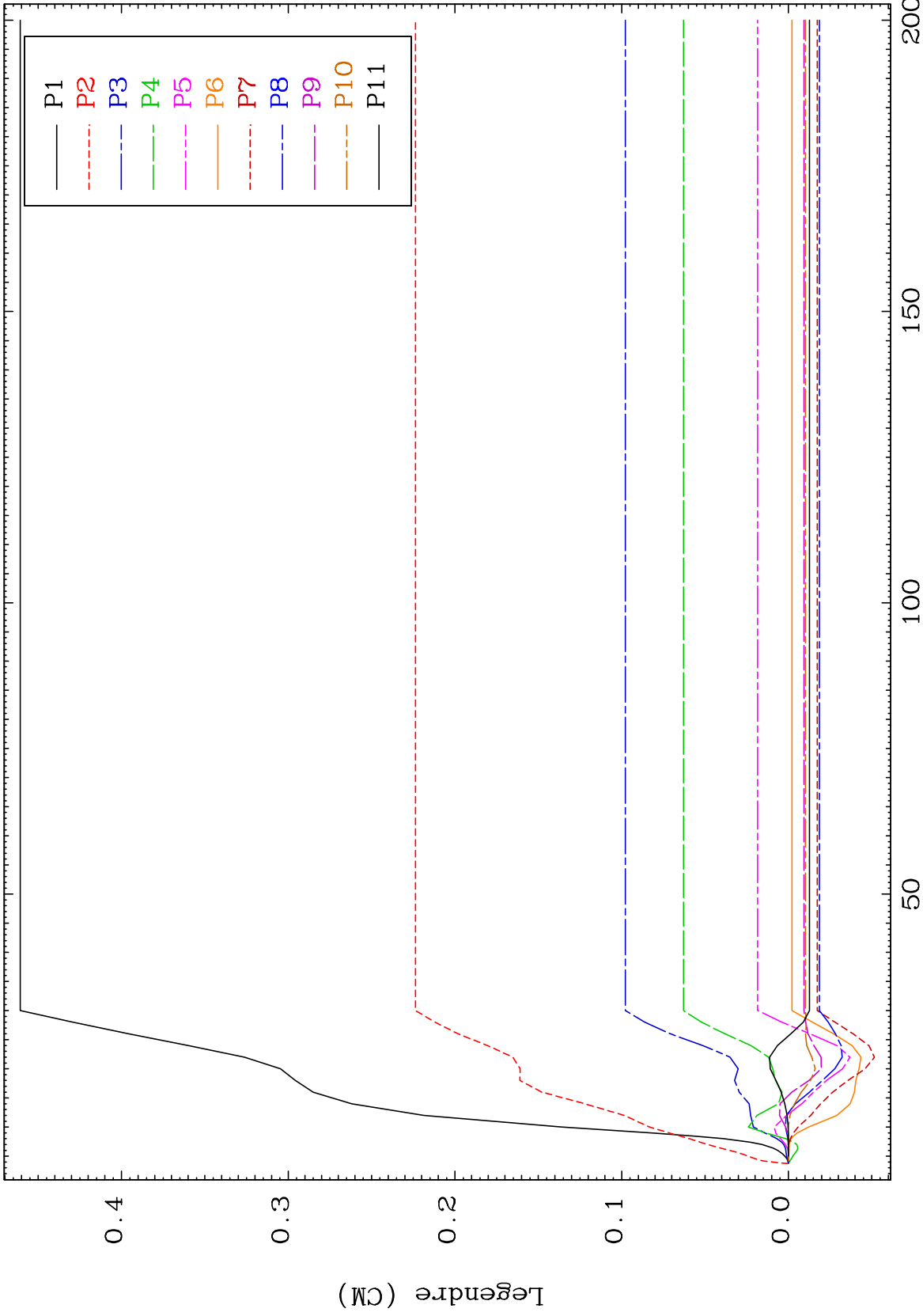
Incident Energy (MeV)

30-Zn-66

MAT 3031

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

30-Zn-66



95

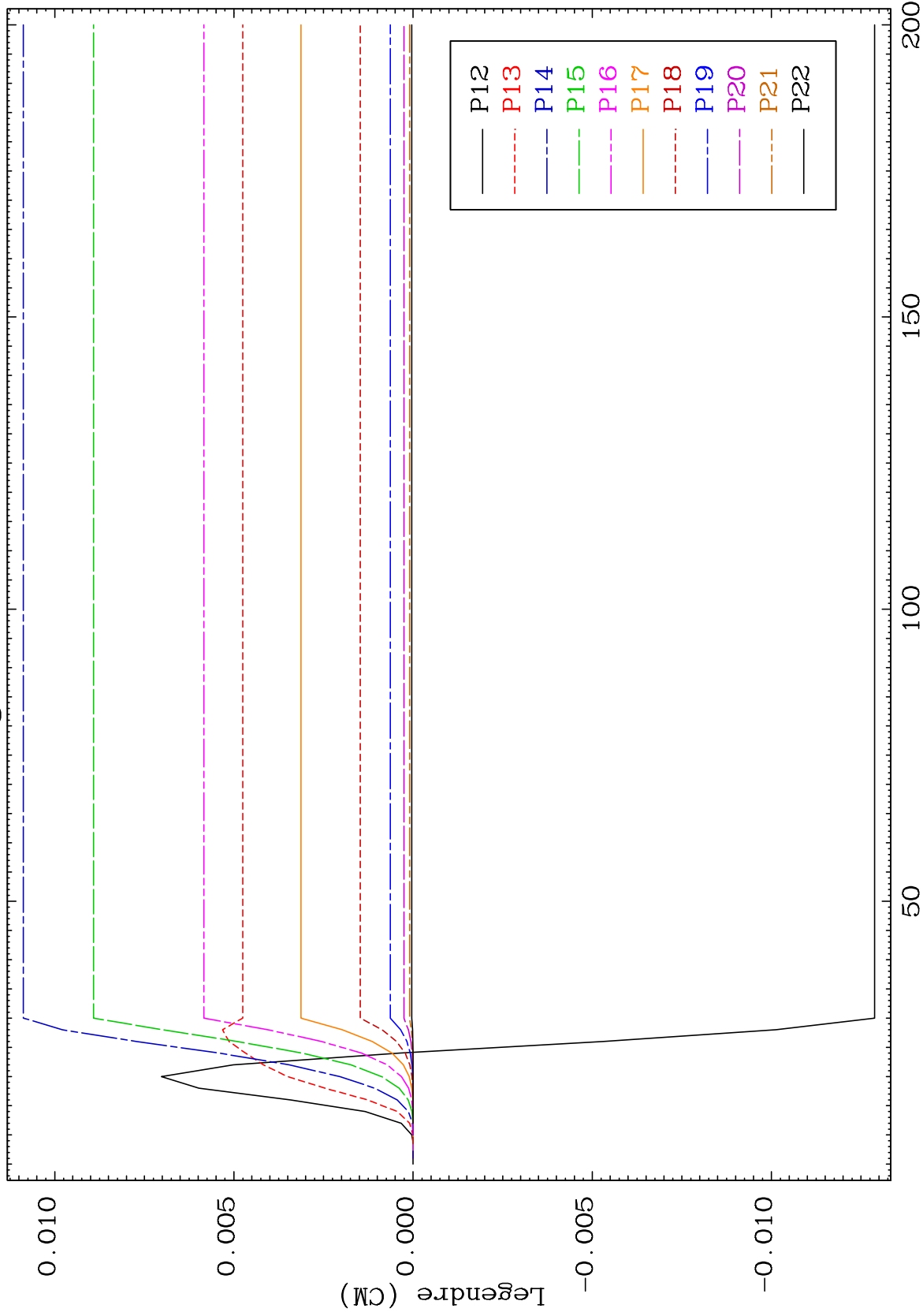
Incident Energy (MeV)

30-Zn-66

MAT 3031

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

30-Zn-66



96

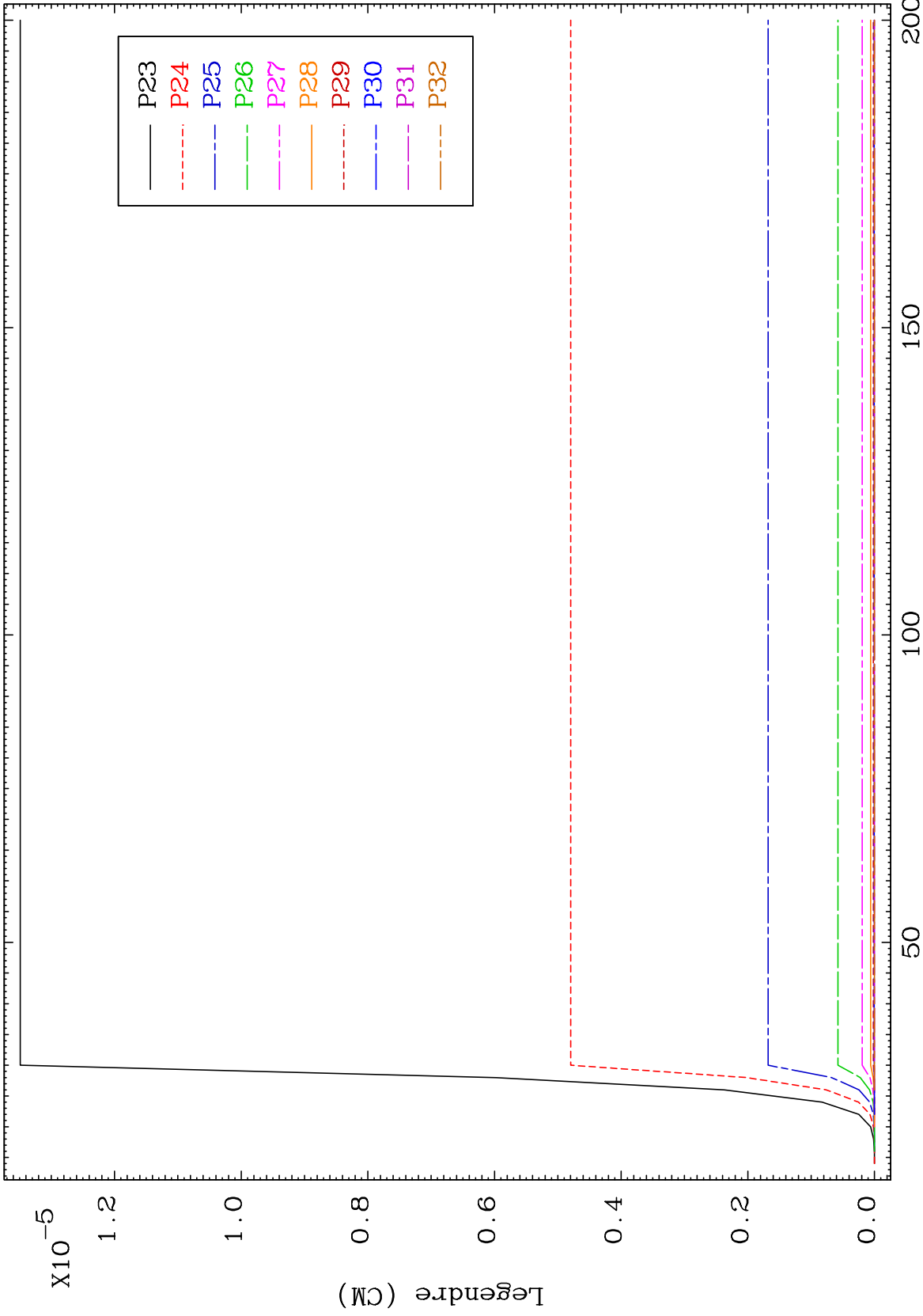
Incident Energy (MeV)

30-Zn-66

MAT 3031

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

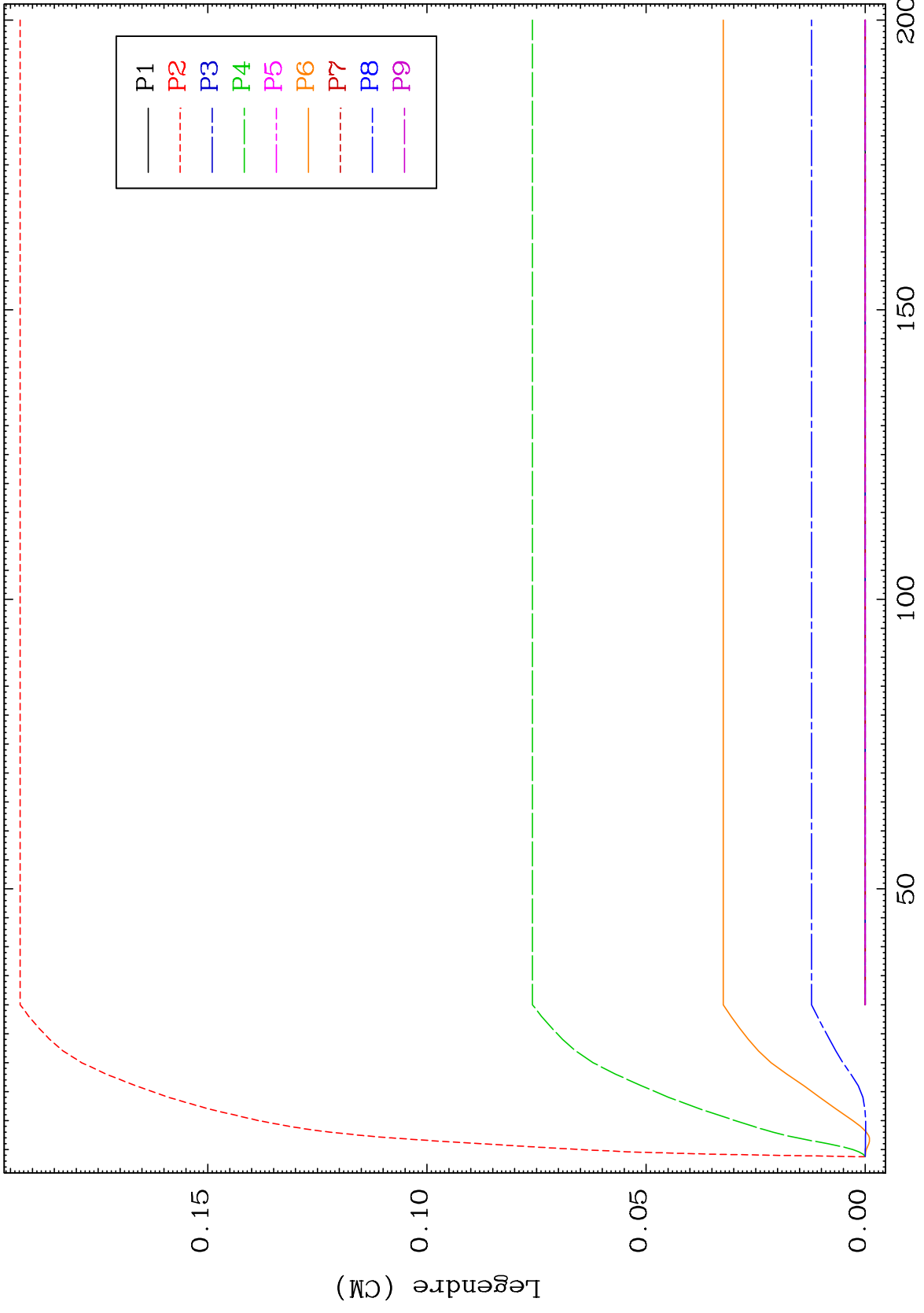
30-Zn-66



97

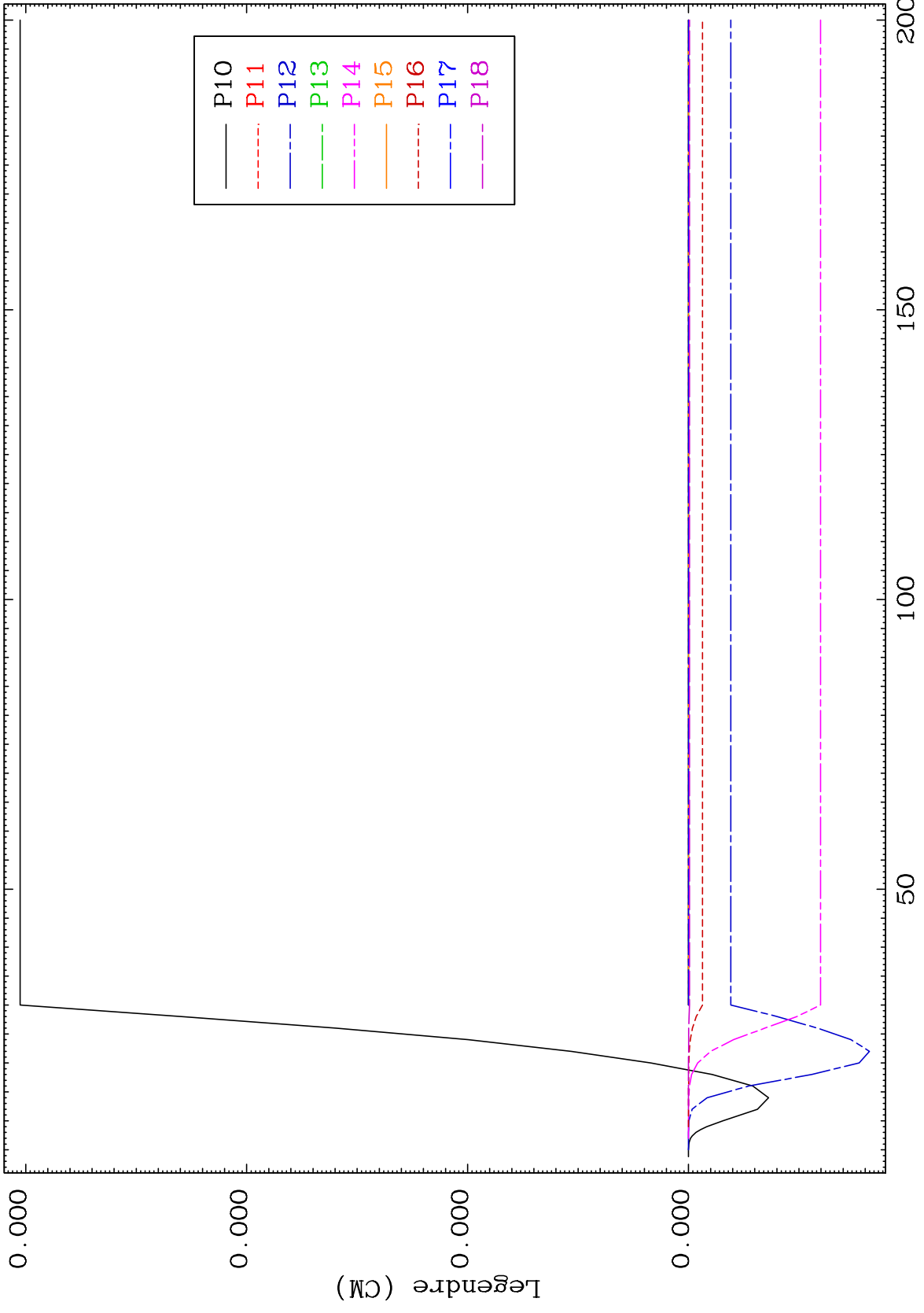
30-Zn-66

MAT 3031 MT= 77 (n,n') Level Legendre Coefficients 30-Zn-66

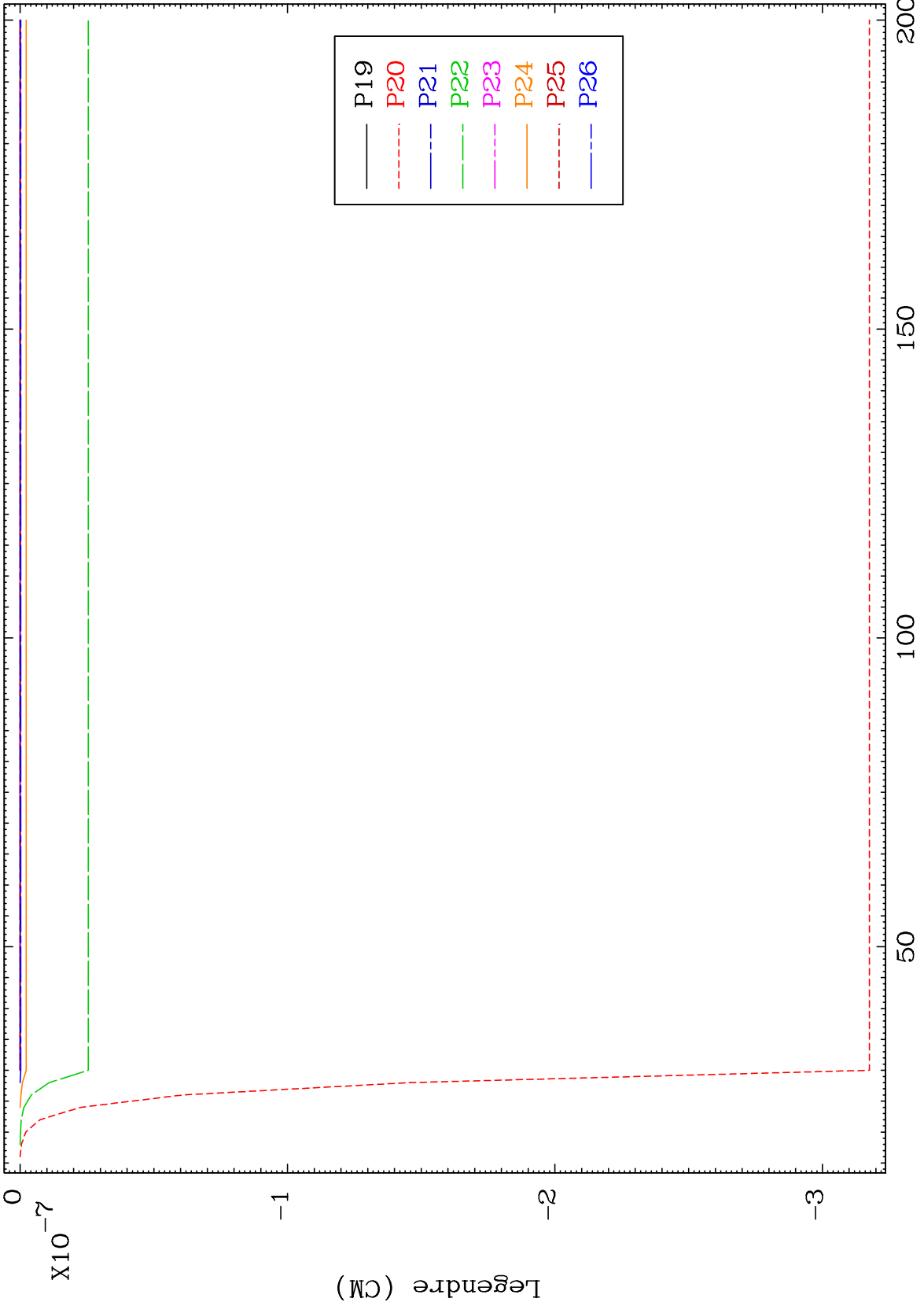


98 Incident Energy (MeV) 30-Zn-66

MAT 3031 MT= 77 (n,n') Level Legendre Coefficients 30-Zn-66

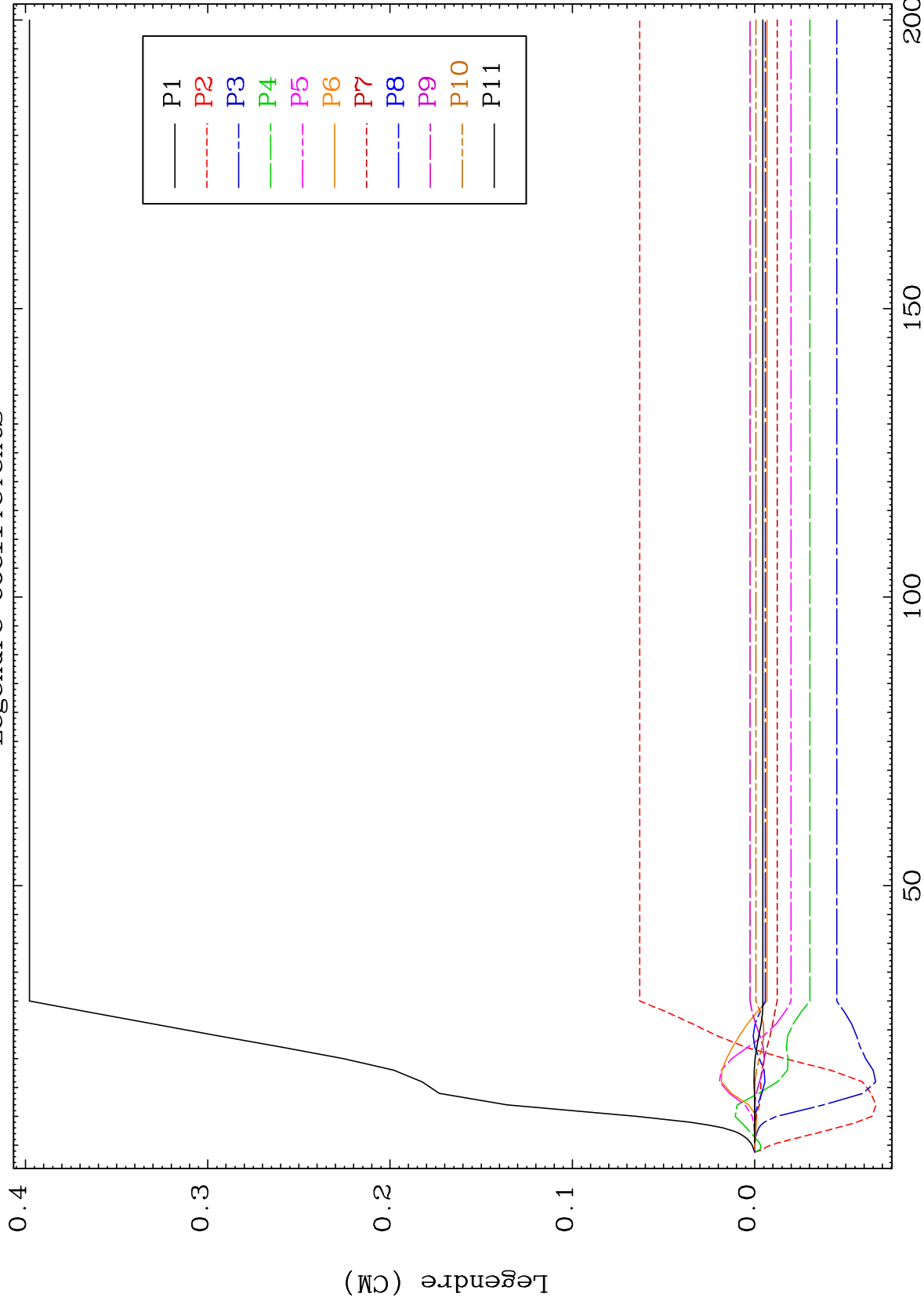


MAT 3031 MT= 77 (n,n') Level Legendre Coefficients 30-Zn-66

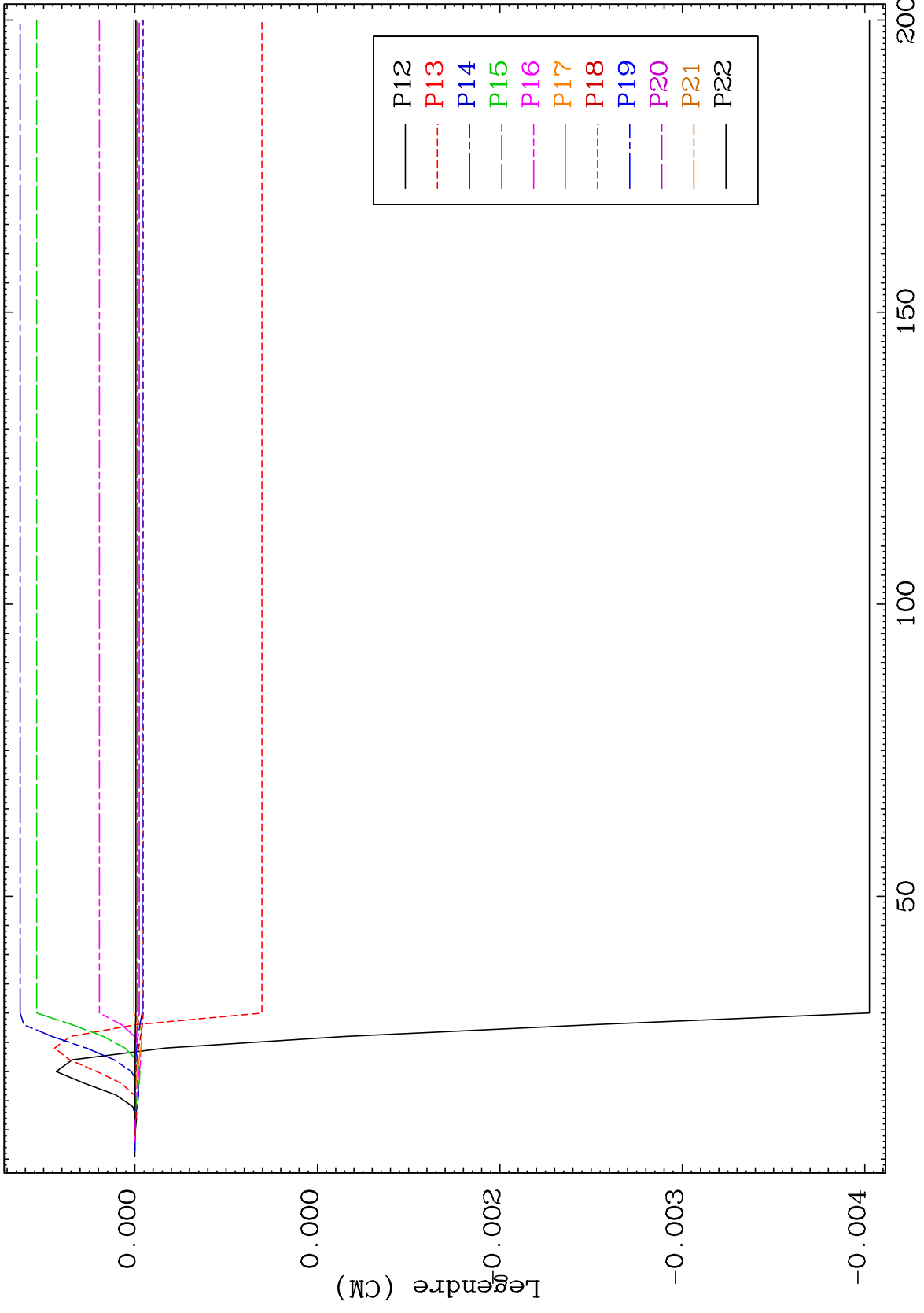


30-Zn-66

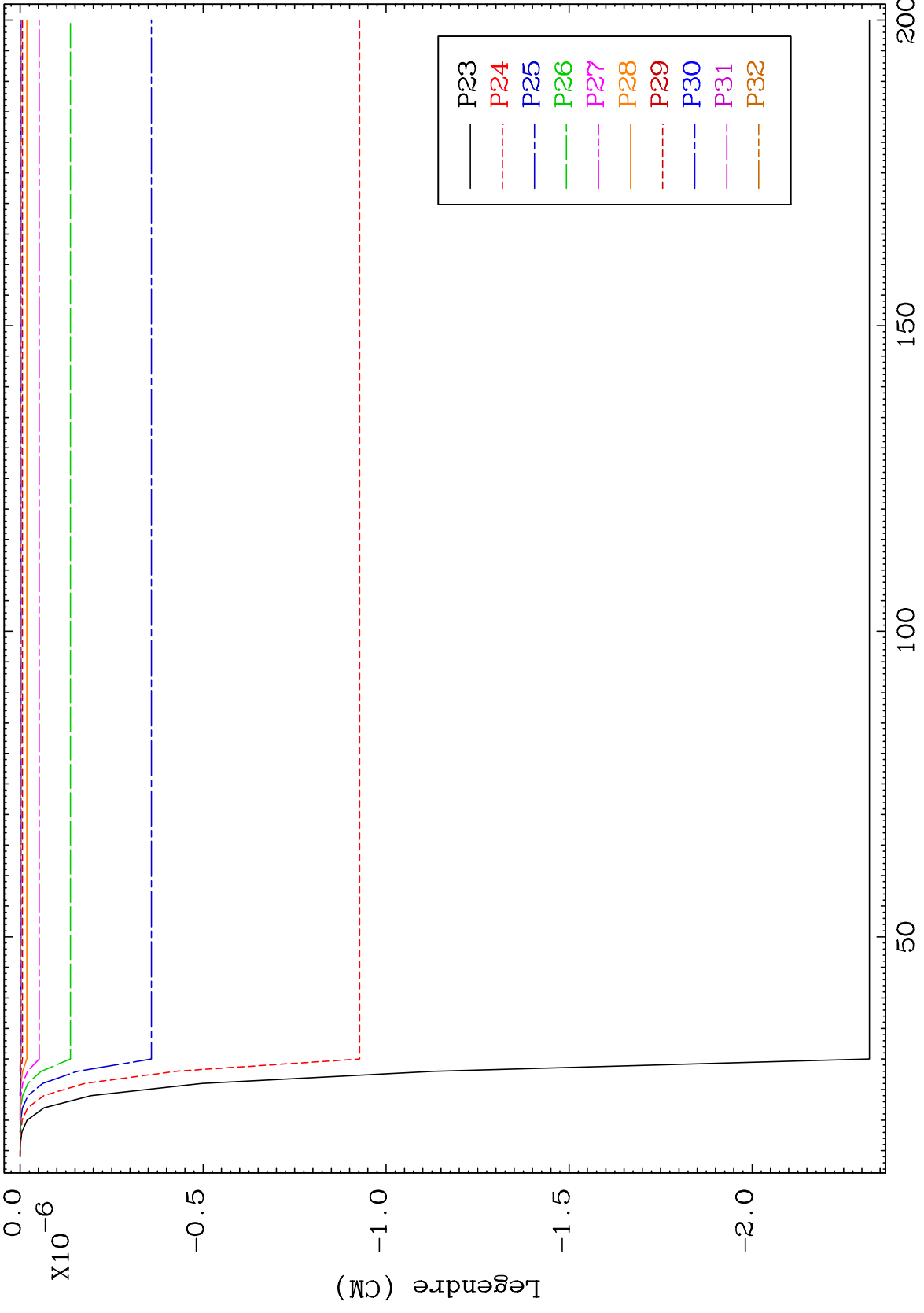
MAT 3031 MT= 78 (n,n') Level Legendre Coefficients 30-Zn-66



MAT 3031 MT= 78 (n,n') Level Legendre Coefficients 30-Zn-66

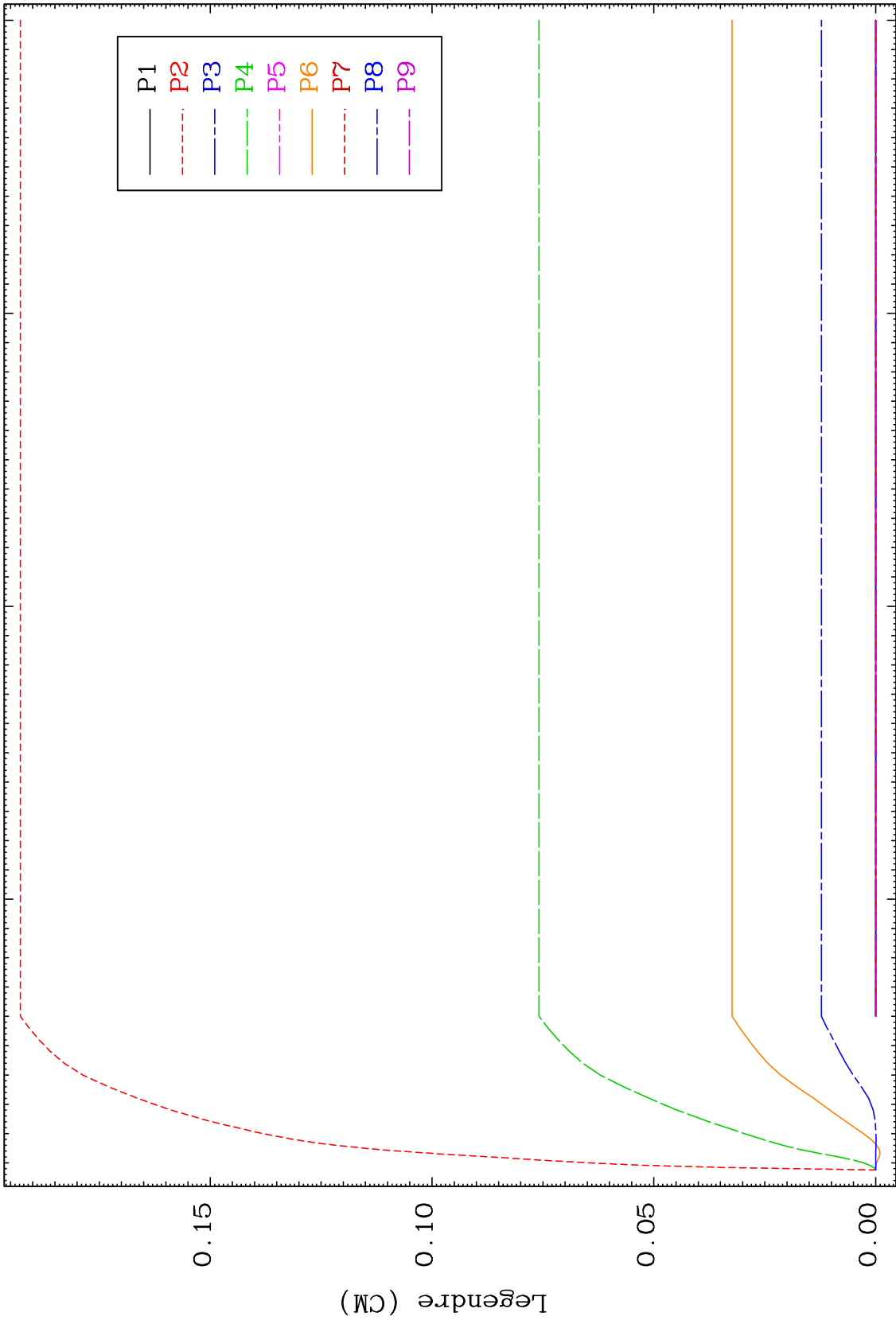


MAT 3031 MT= 78 (n,n') Level Legendre Coefficients 30-Zn-66



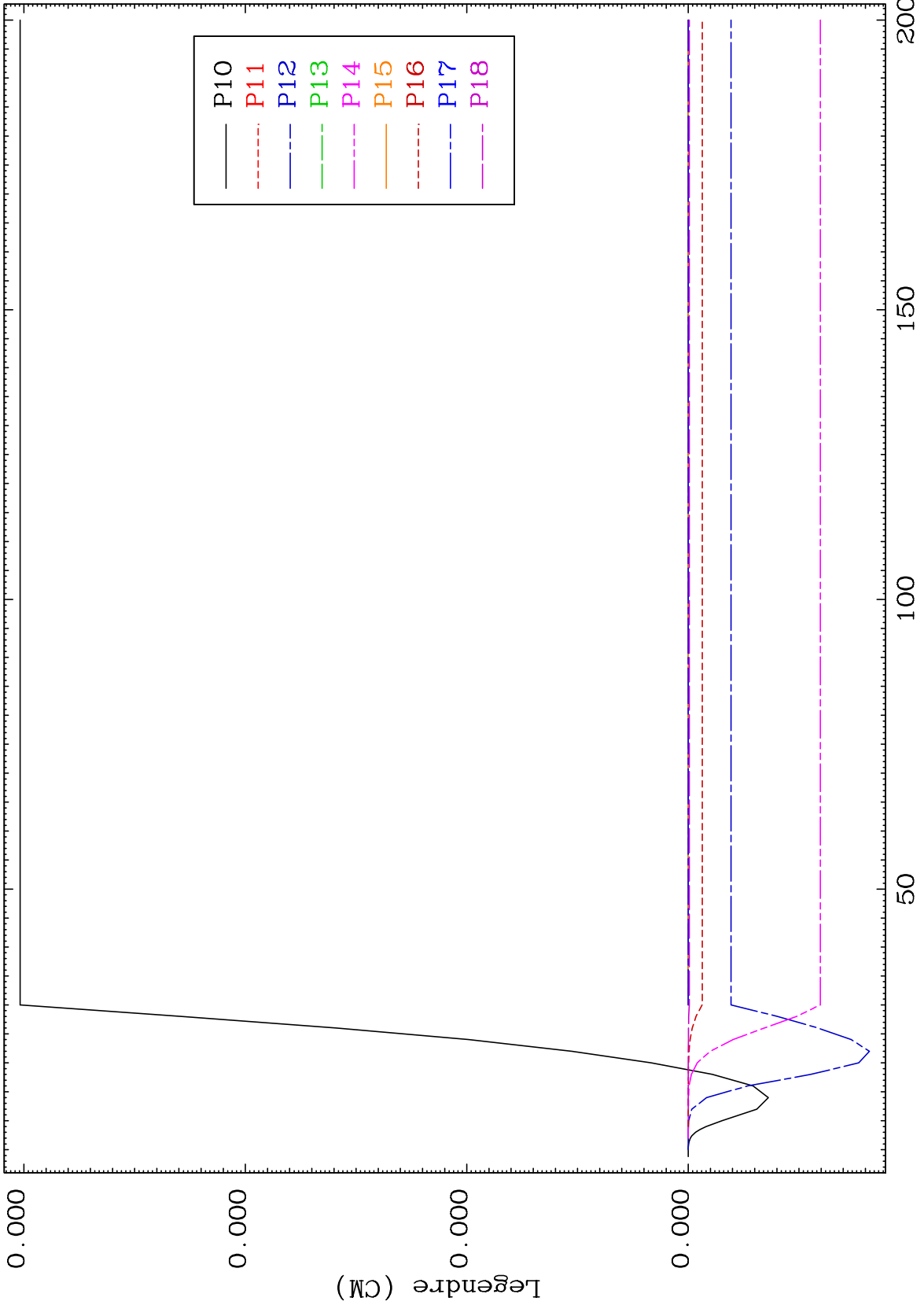
103 Incident Energy (MeV) 30-Zn-66

MAT 3031 MT= 79 (n,n') Level Legendre Coefficients 30-Zn-66



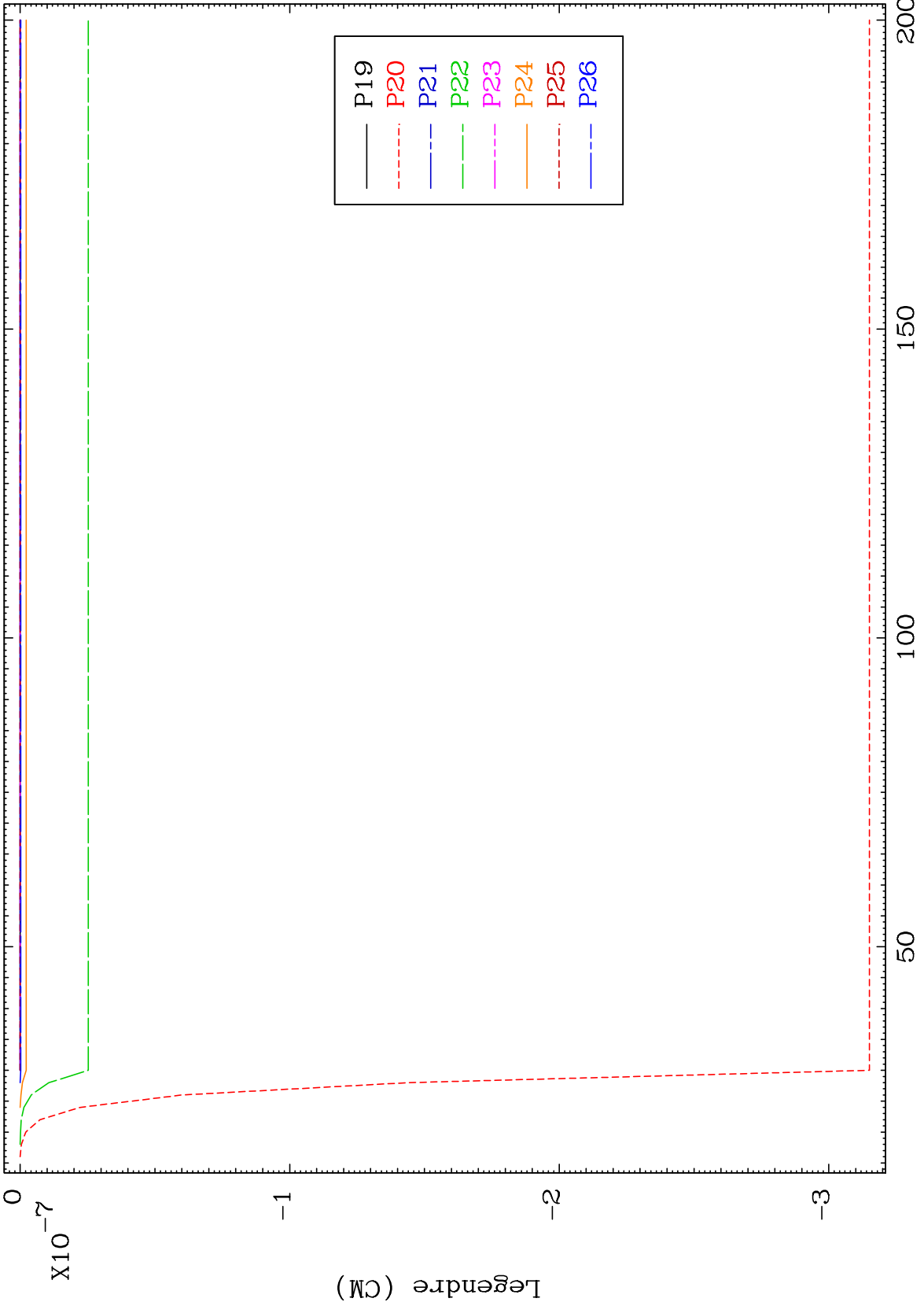
104 Incident Energy (MeV) 30-Zn-66

MAT 3031 MT= 79 (n,n') Level Legendre Coefficients 30-Zn-66



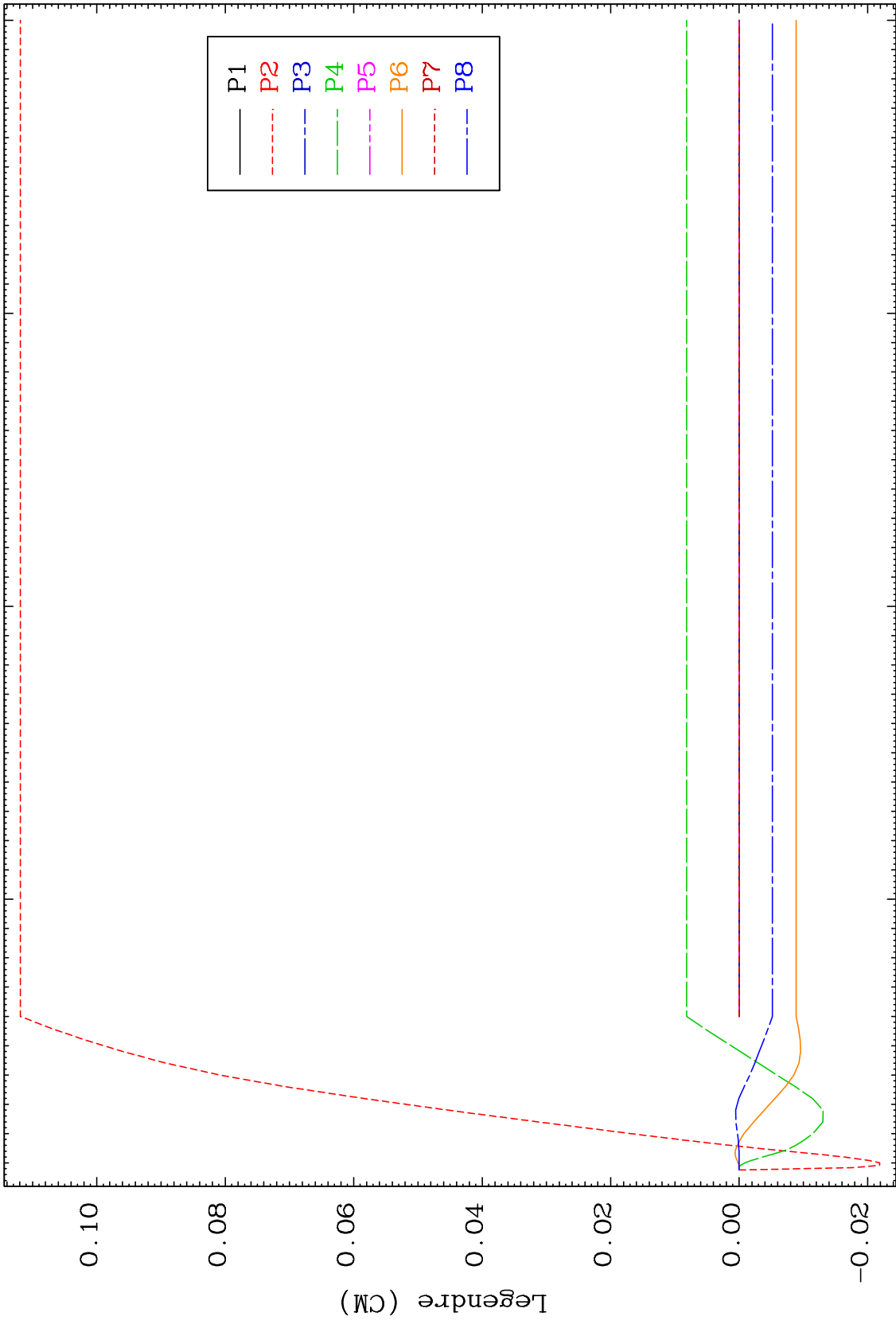
105 Incident Energy (MeV) 30-Zn-66

MAT 3031 MT= 79 (n,n') Level Legendre Coefficients 30-Zn-66



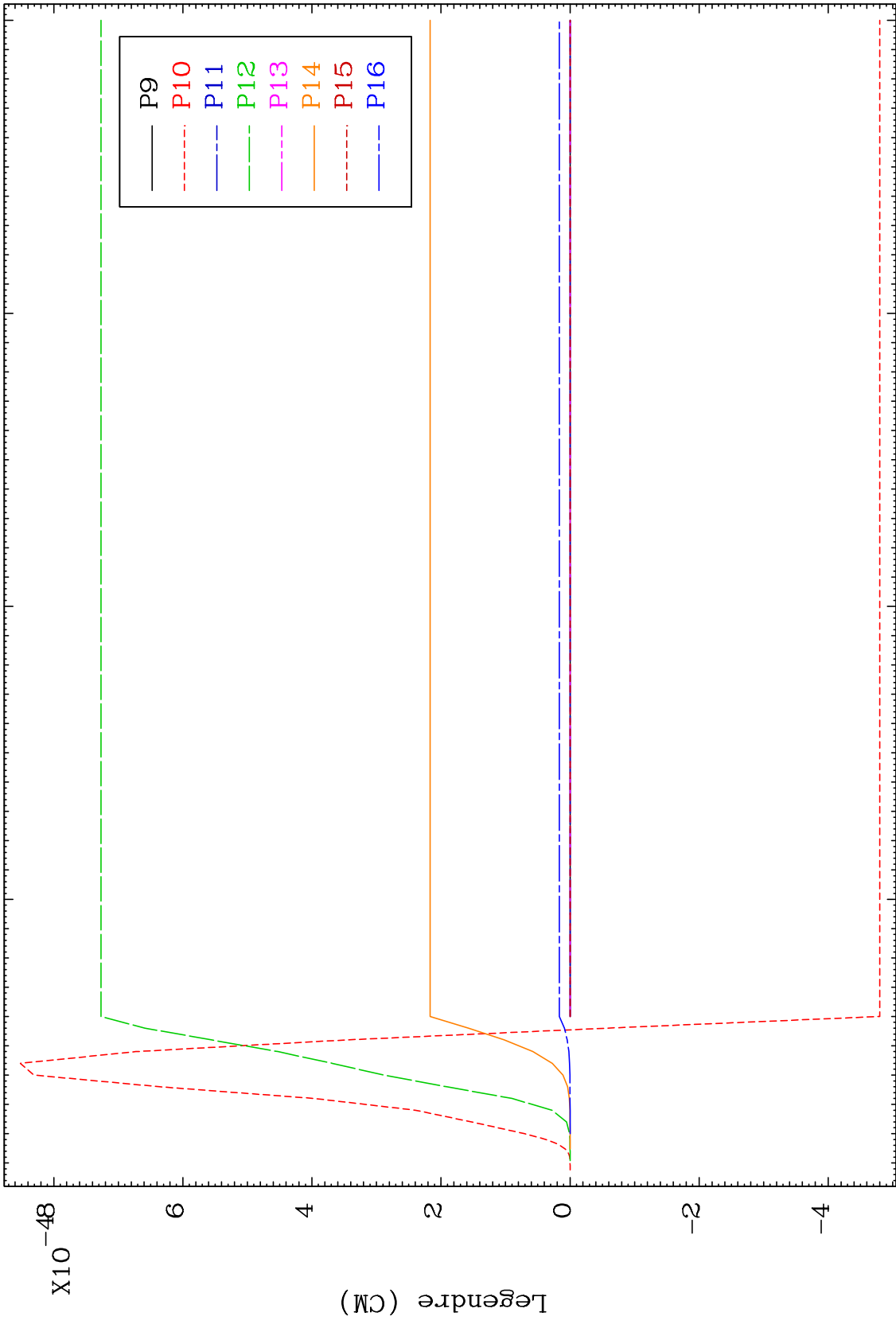
106 30-Zn-66

MAT 3031 MT= 80 (n,n') Level Legendre Coefficients 30-Zn-66



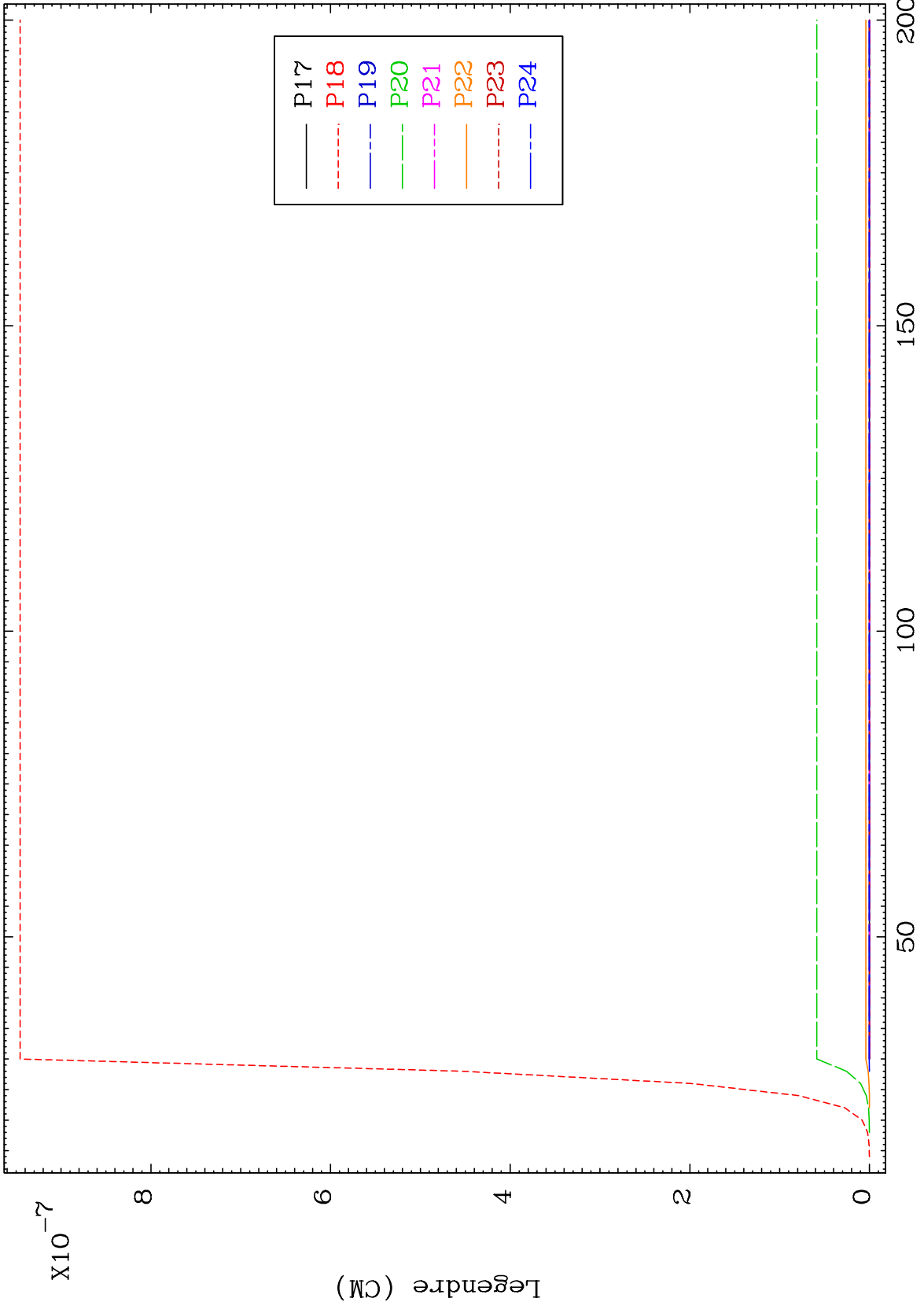
107 Incident Energy (MeV) 30-Zn-66

MAT 3031 MT= 80 (n,n') Level Legendre Coefficients 30-Zn-66



108 30-Zn-66

MAT 3031 MT= 80 (n,n') Level Legendre Coefficients 30-Zn-66



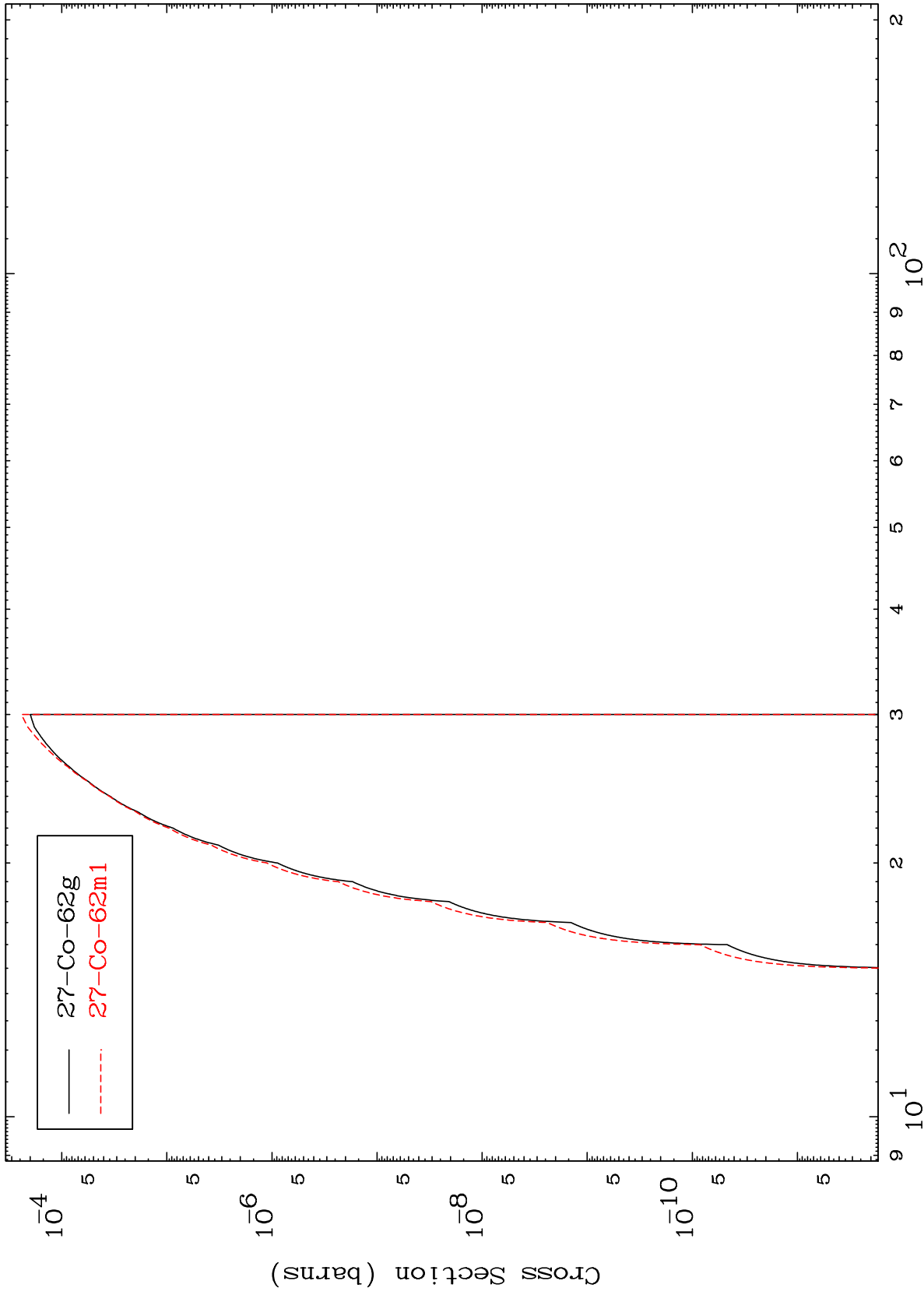
109 50 100 150 200 30-Zn-66

MAT 3031

(n,p) α

30-Zn-66

Radionuclide Production Cross Section



— 27-Co-62g
- - - 27-Co-62m1

110

Incident Energy (MeV)

30-Zn-66