

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

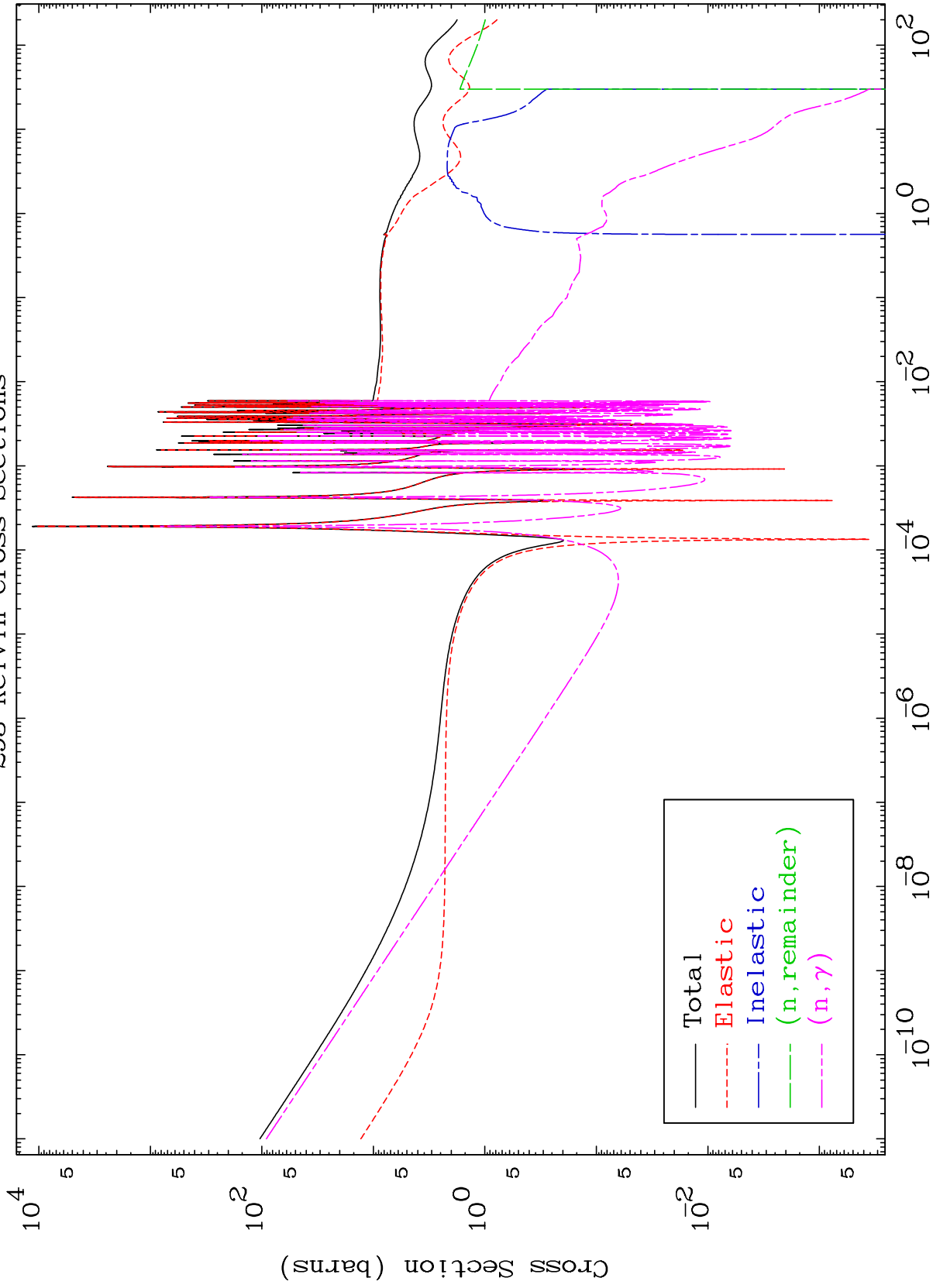
Press Mouse Button to Start

MAT 4625

Major

293 Kelvin Cross Sections

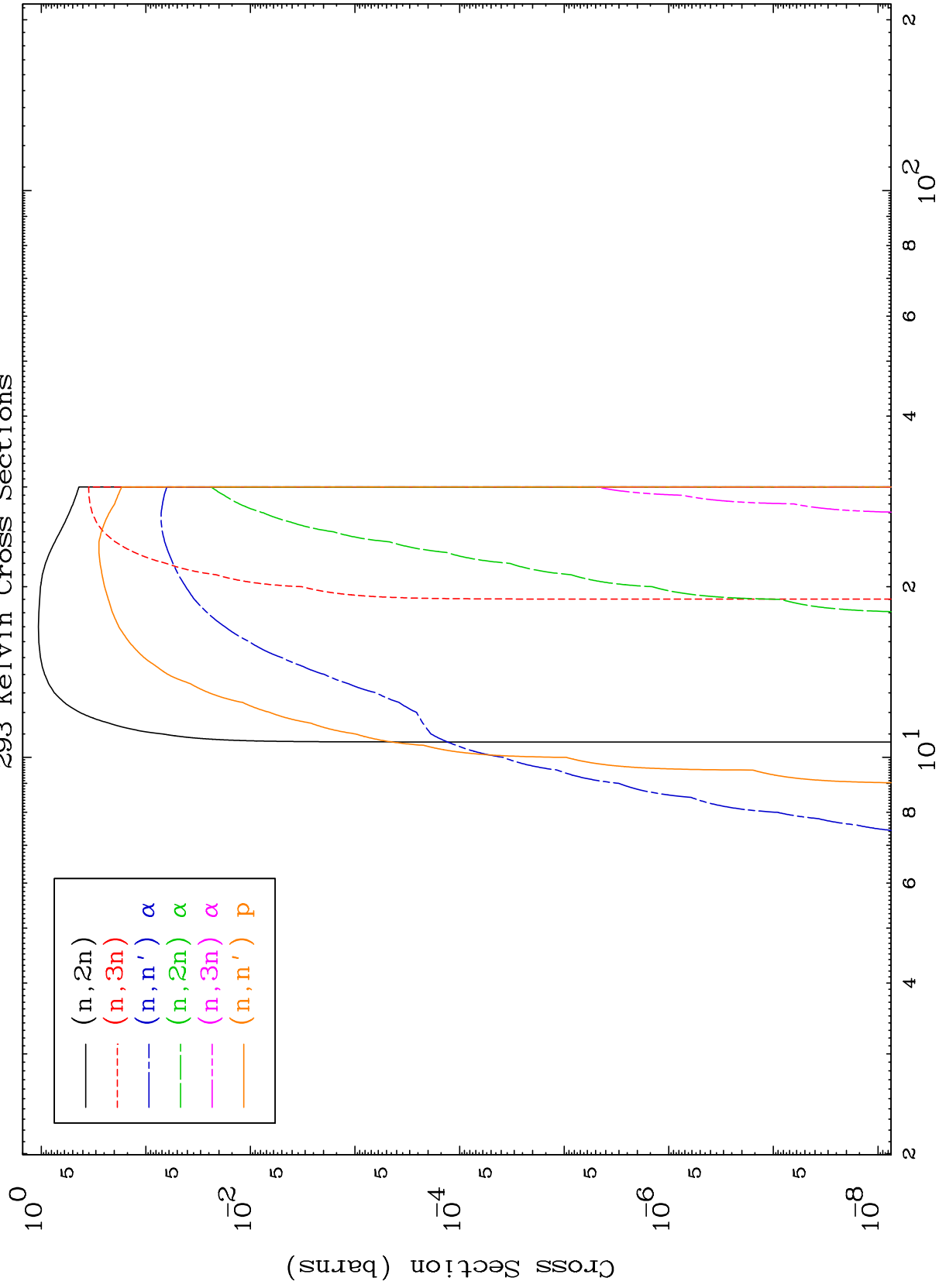
46-Pd-102



MAT 4625

Neutron Production
293 Kelvin Cross Sections

46-Pd-102



2

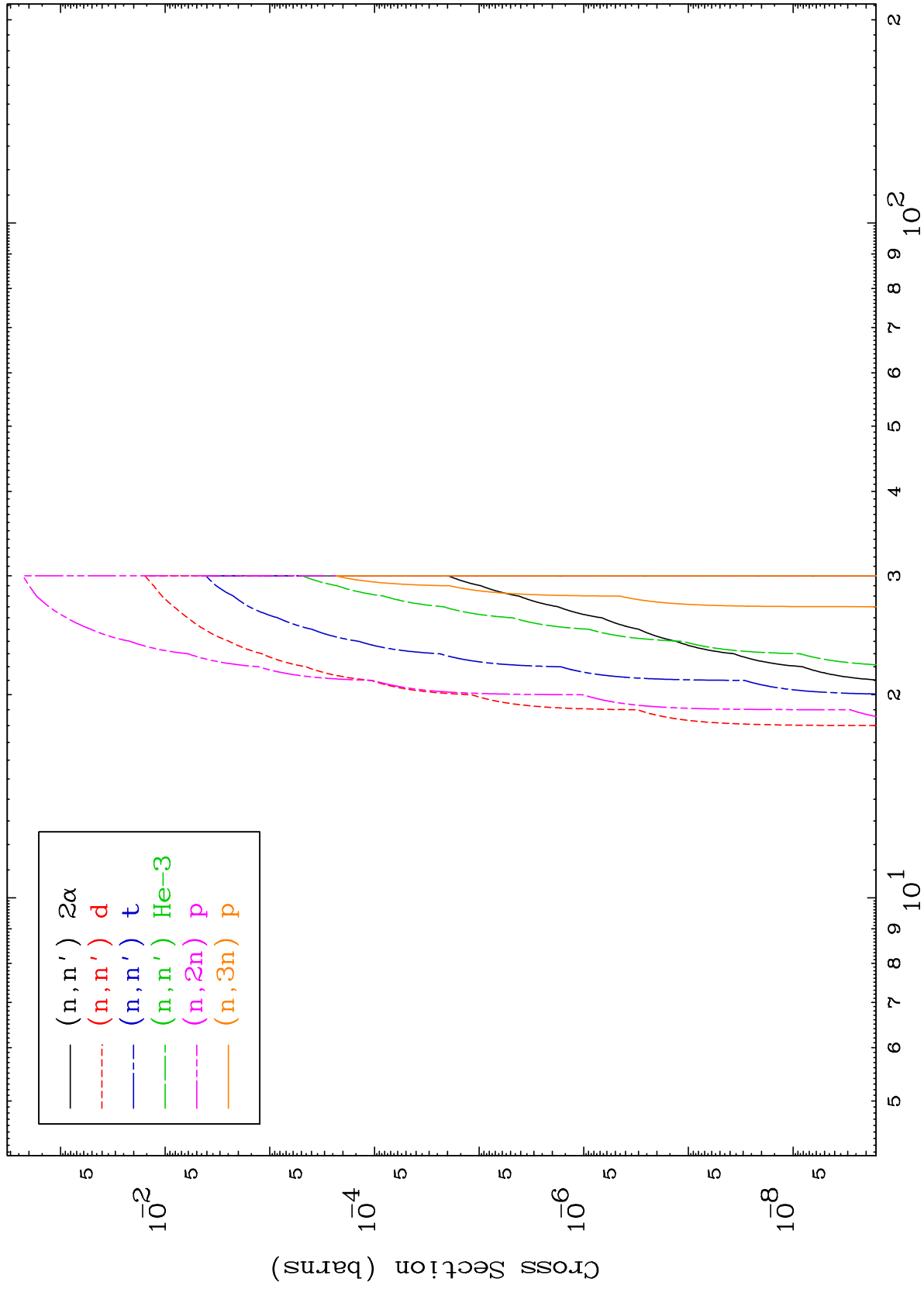
Incident Energy (MeV)

46-Pd-102

MAT 4625

Neutron Production
293 Kelvin Cross Sections

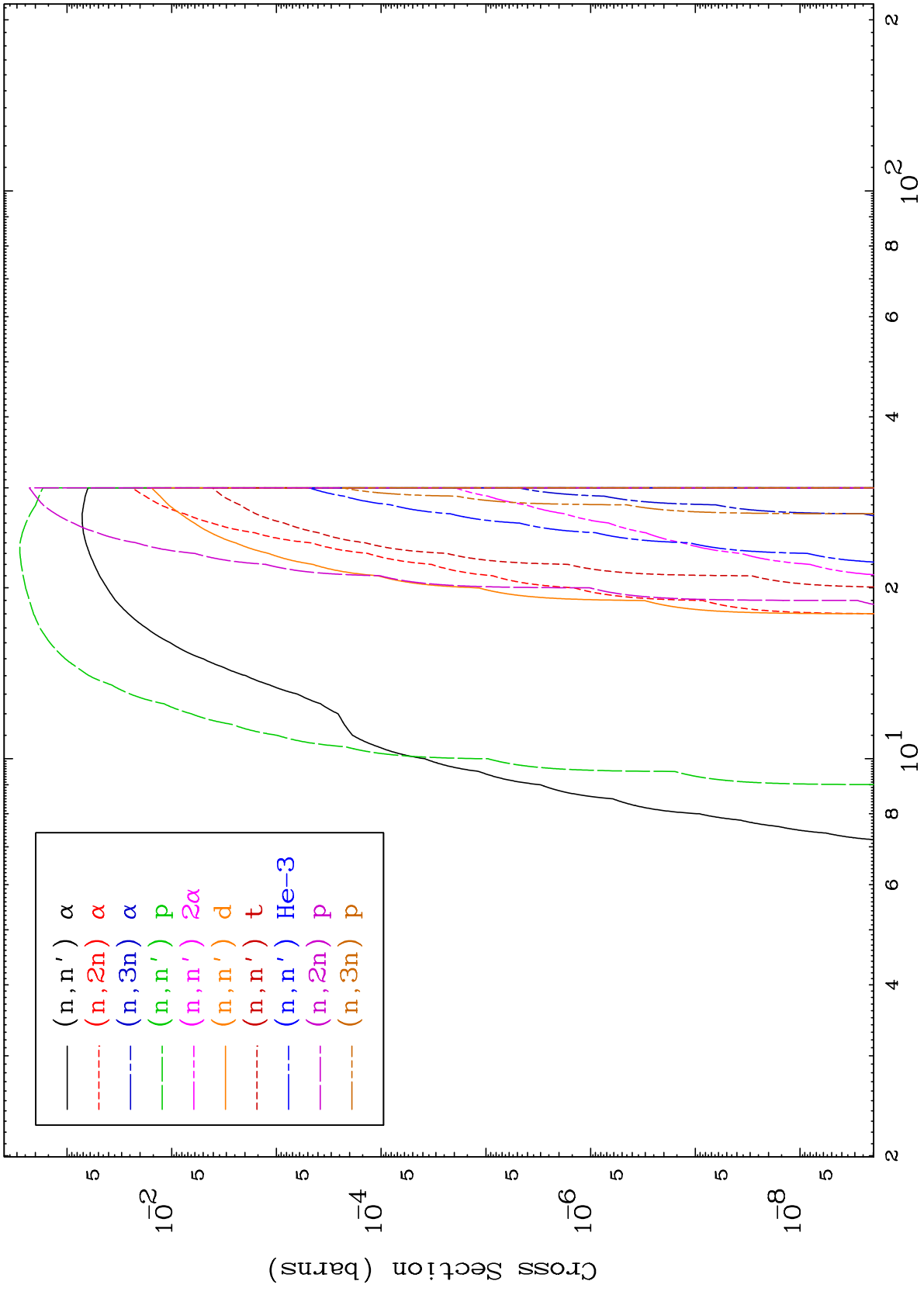
46-Pd-102



3

Incident Energy (MeV)

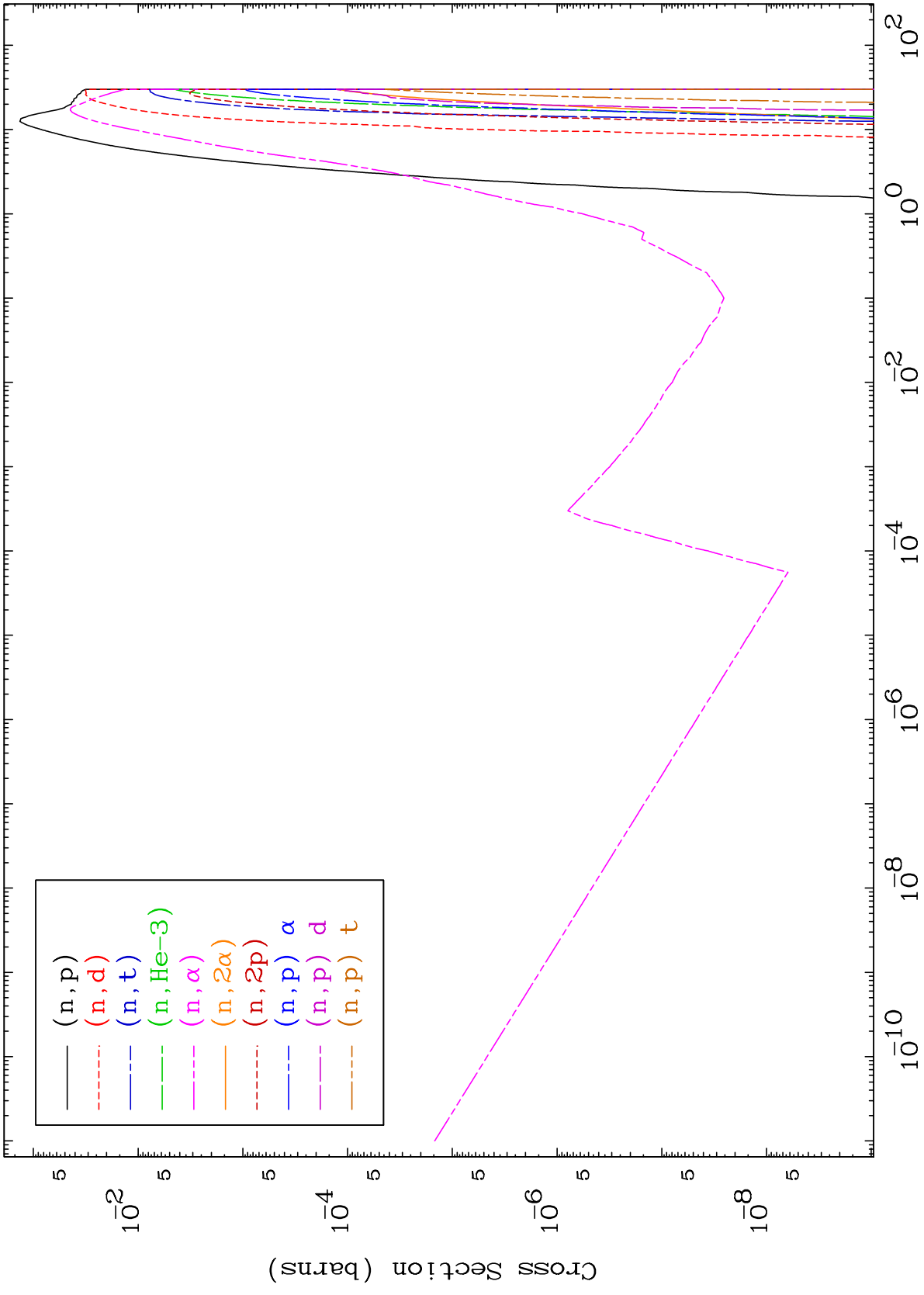
46-Pd-102



MAT 4625

Charged Particle
293 Kelvin Cross Sections

46-Pd-102

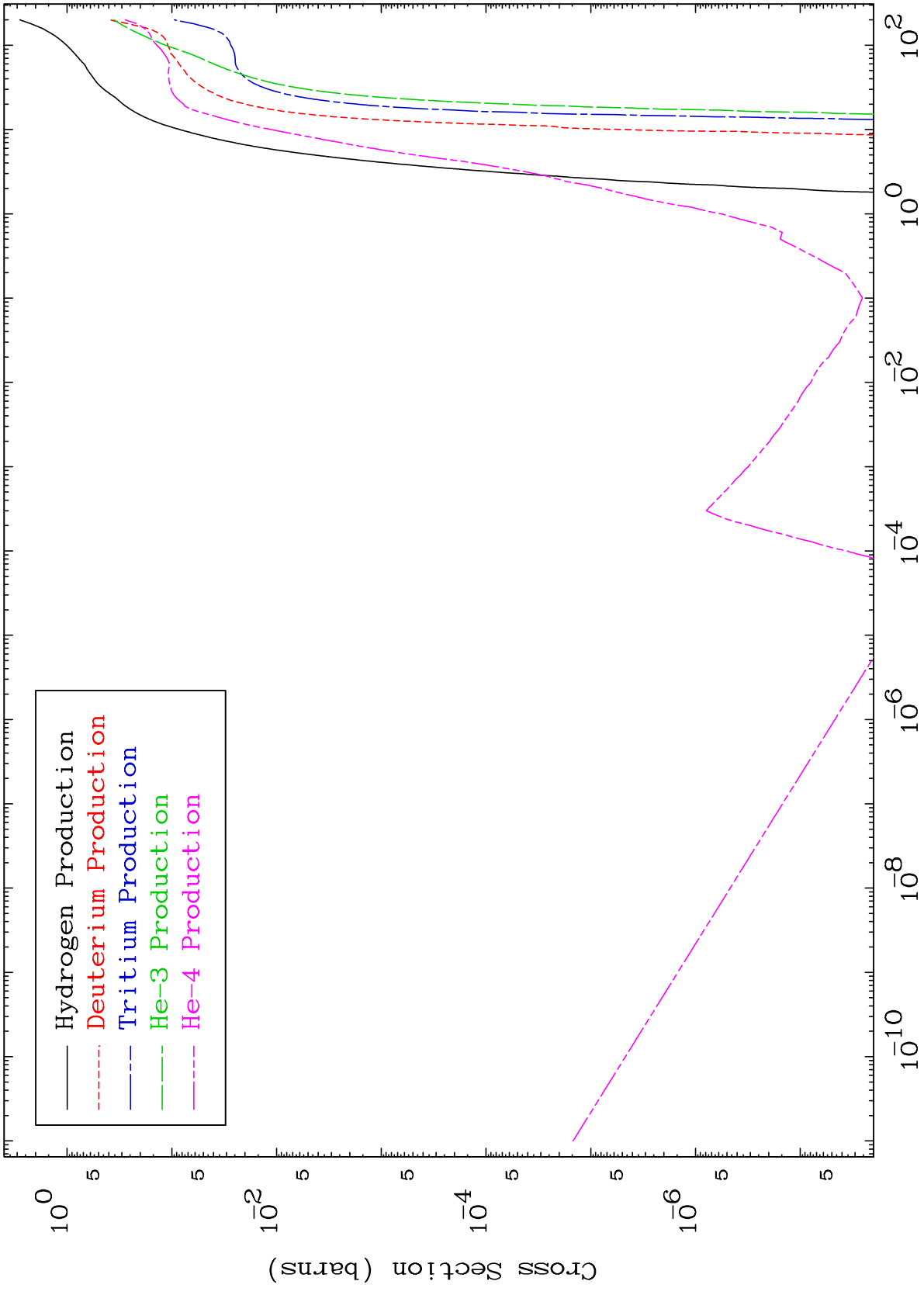


46-Pd-102

MAT 4625

Particle Production
293 Kelvin Cross Sections

46-Pd-102



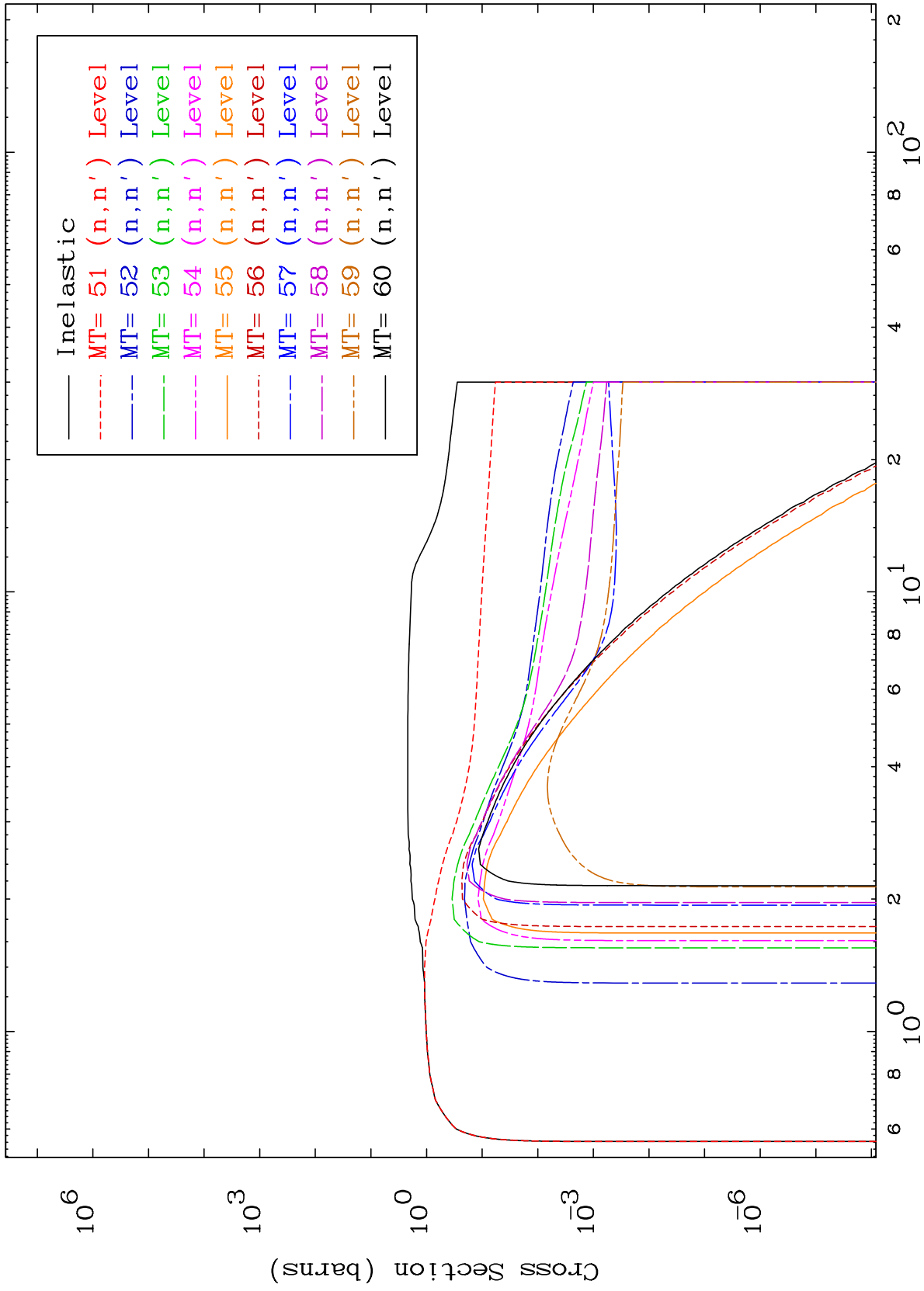
46-Pd-102

MAT 4625

(n,n') Level

46-Pd-102

293 Kelvin Cross Sections



7

Incident Energy (MeV)

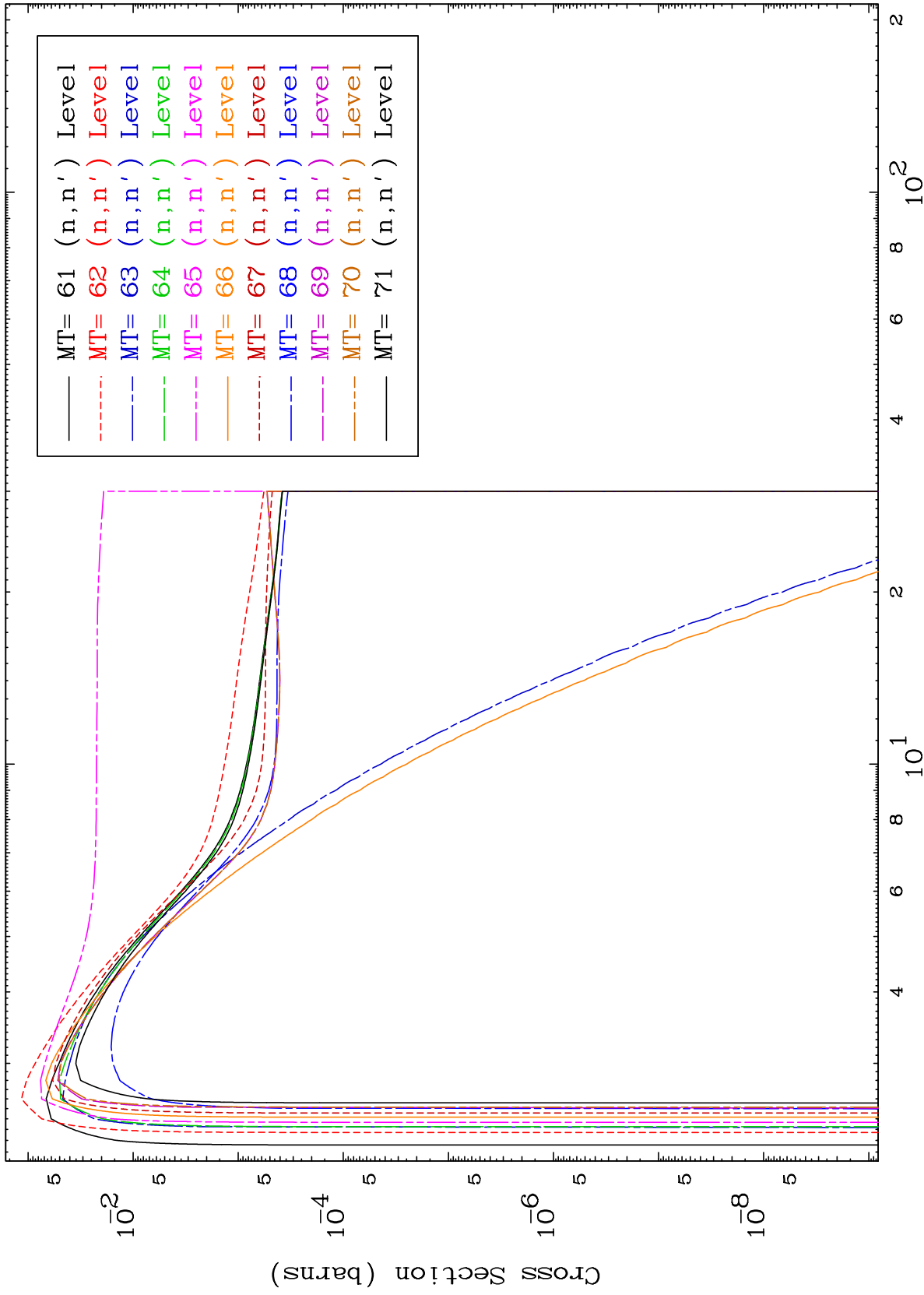
46-Pd-102

MAT 4625

(n,n') Level

293 Kelvin Cross Sections

46-Pd-102



8

Incident Energy (MeV)

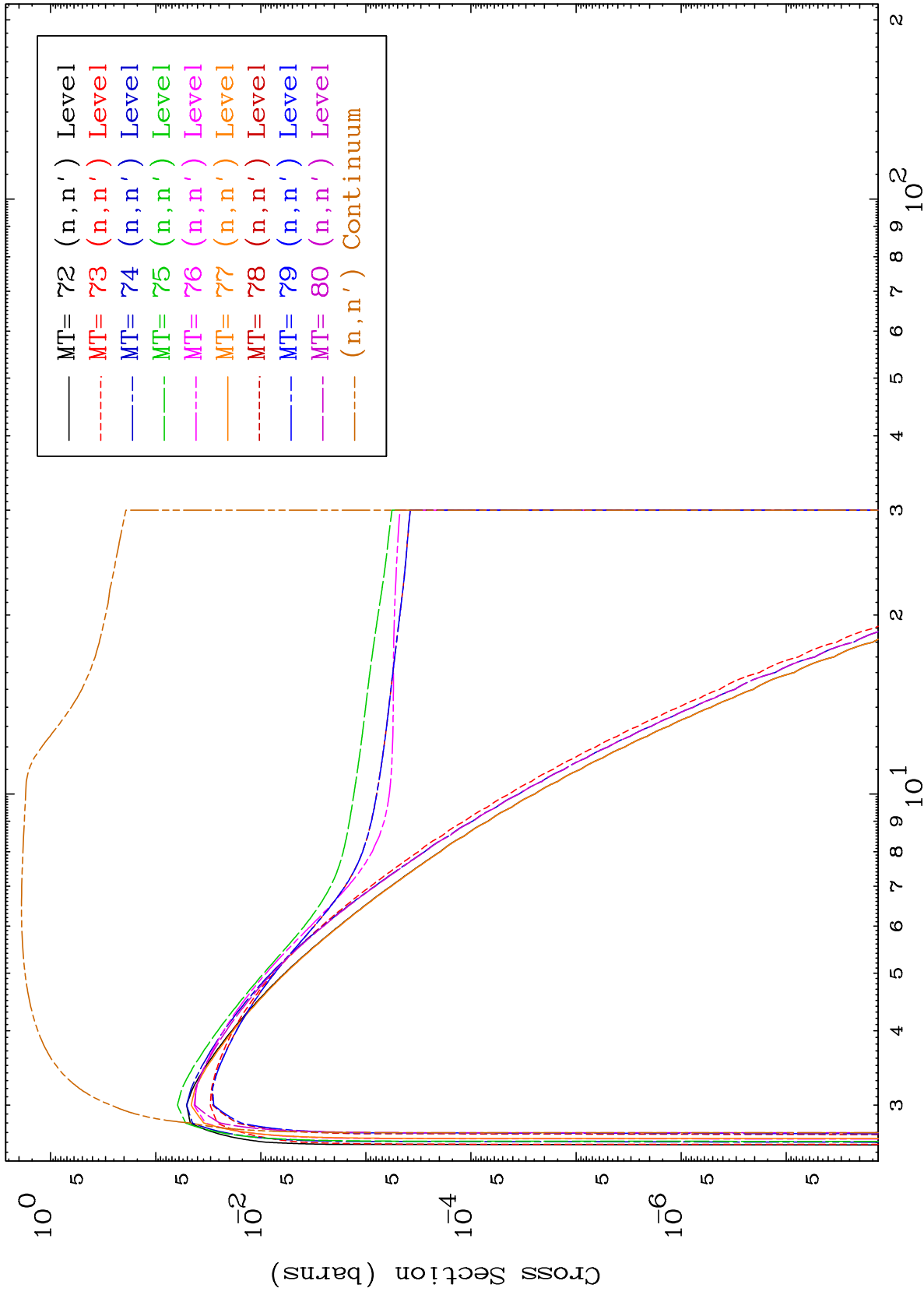
46-Pd-102

MAT 4625

(n,n') Level

46-Pd-102

293 Kelvin Cross Sections



9

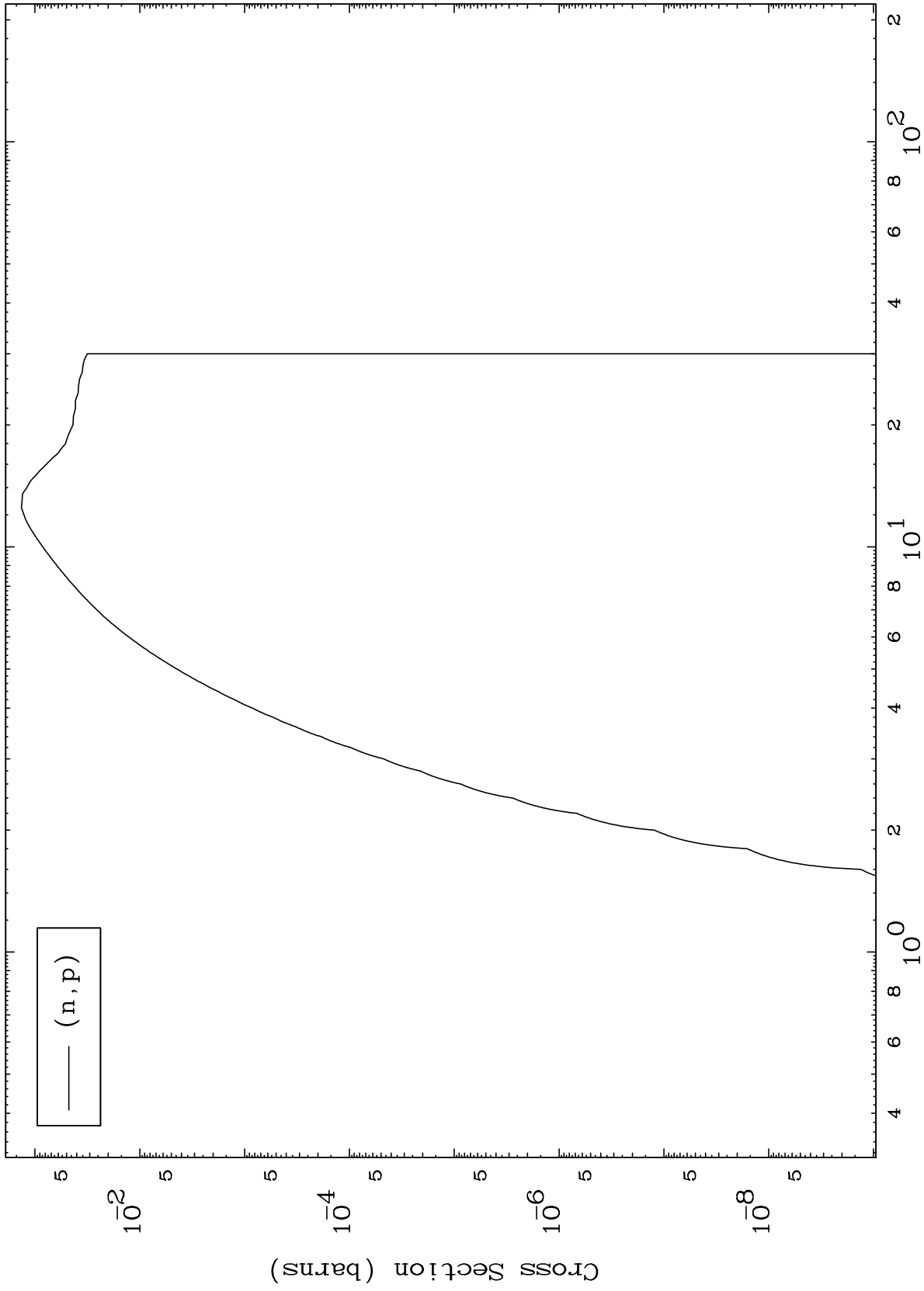
Incident Energy (MeV)

46-Pd-102

MAT 4625

(n,p) Levels
293 Kelvin Cross Sections

46-Pd-102



10

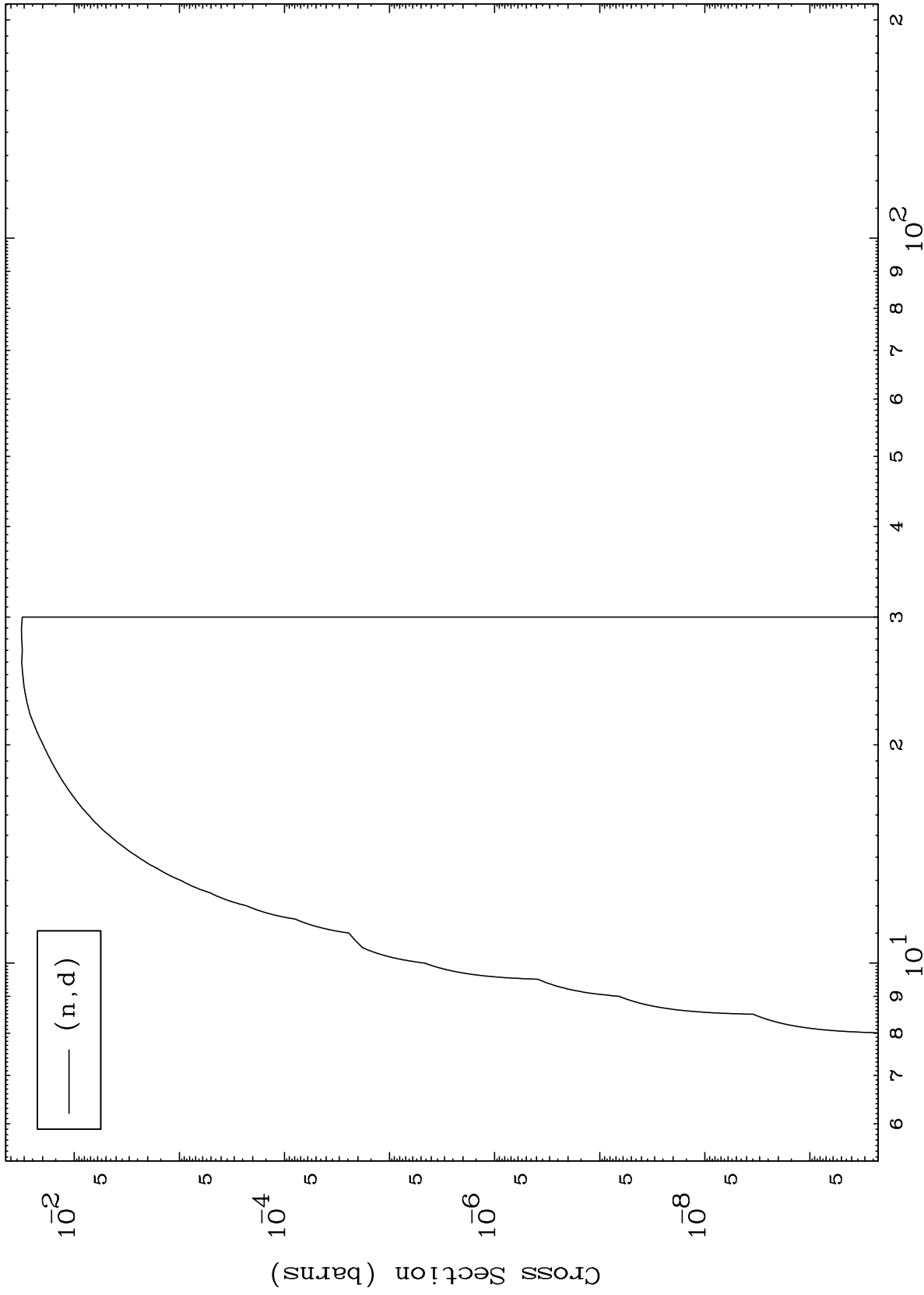
Incident Energy (MeV)

46-Pd-102

MAT 4625

(n,d) Levels
293 Kelvin Cross Sections

46-Pd-102



11

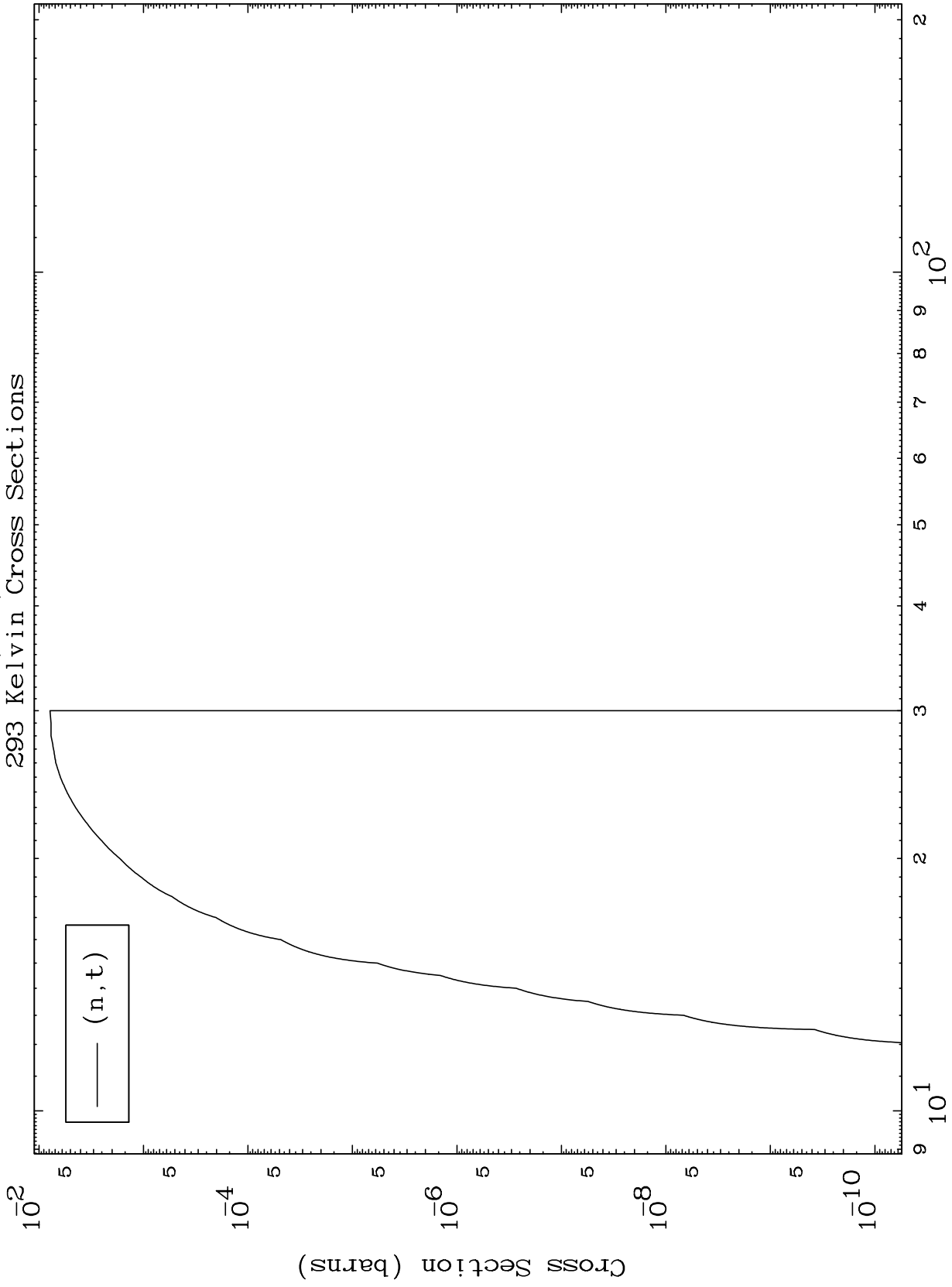
Incident Energy (MeV)

46-Pd-102

MAT 4625

(n,t) Levels
293 Kelvin Cross Sections

46-Pd-102



12

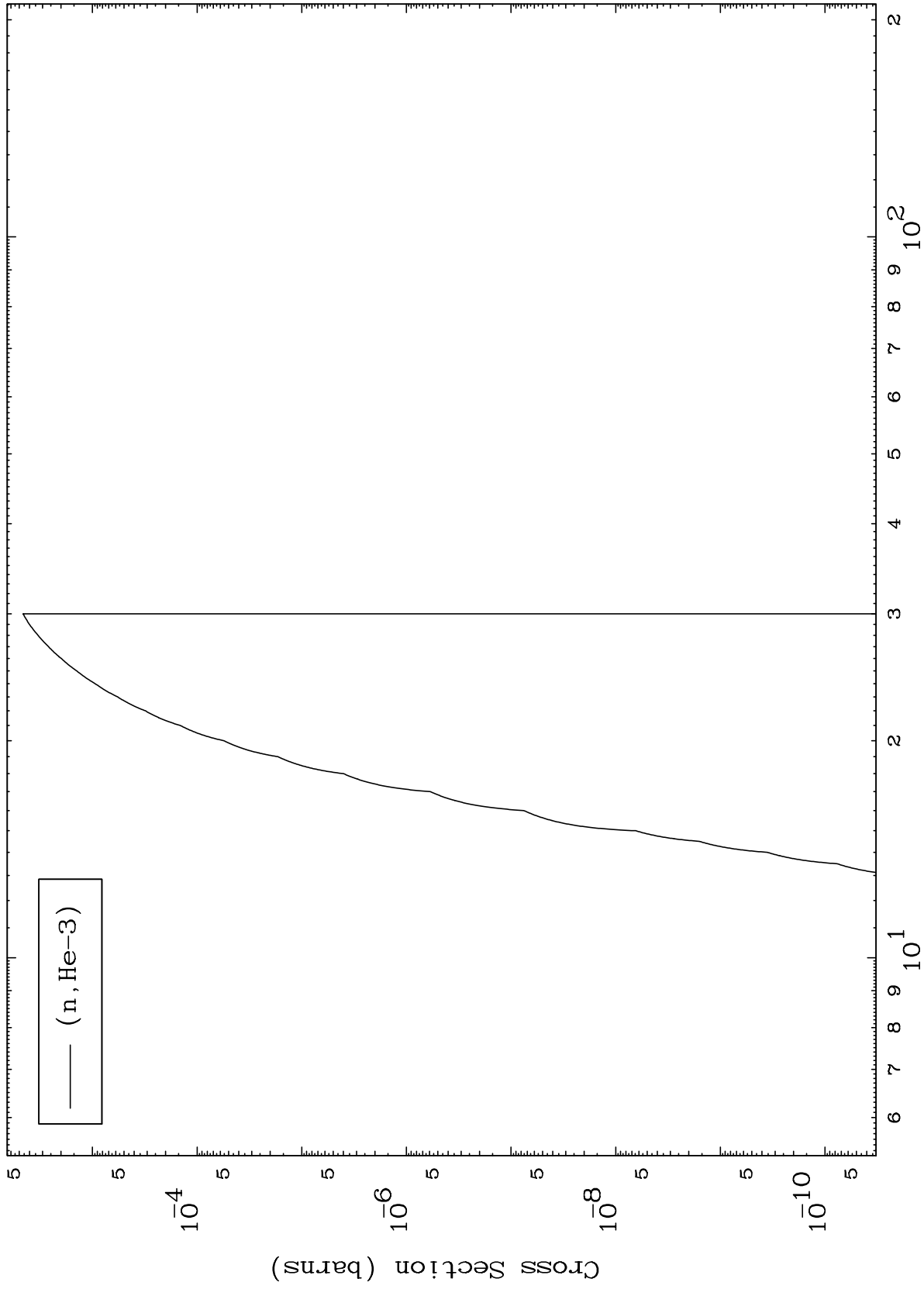
Incident Energy (MeV)

46-Pd-102

MAT 4625

(n,He3) Levels
293 Kelvin Cross Sections

46-Pd-102



13

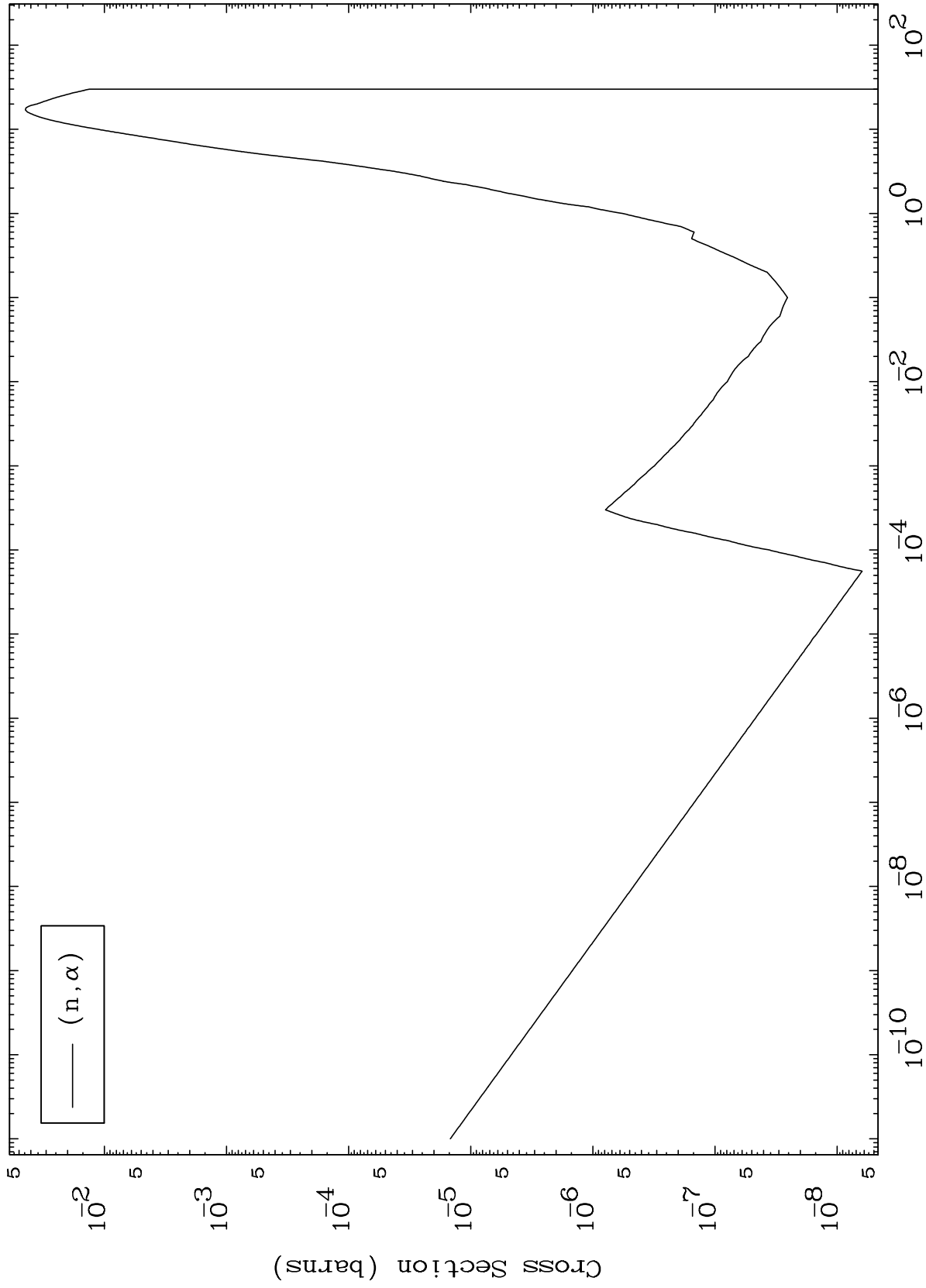
Incident Energy (MeV)

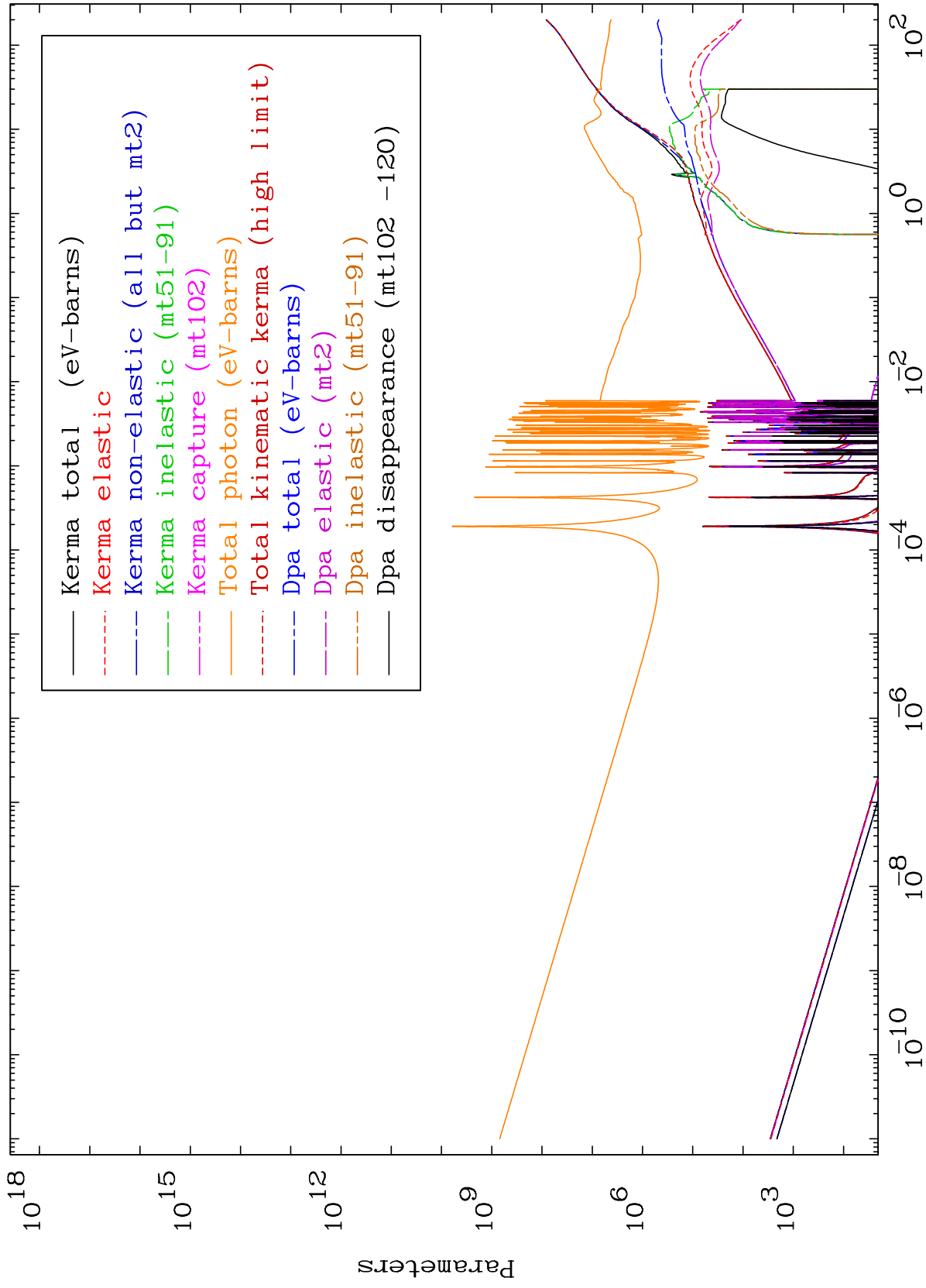
46-Pd-102

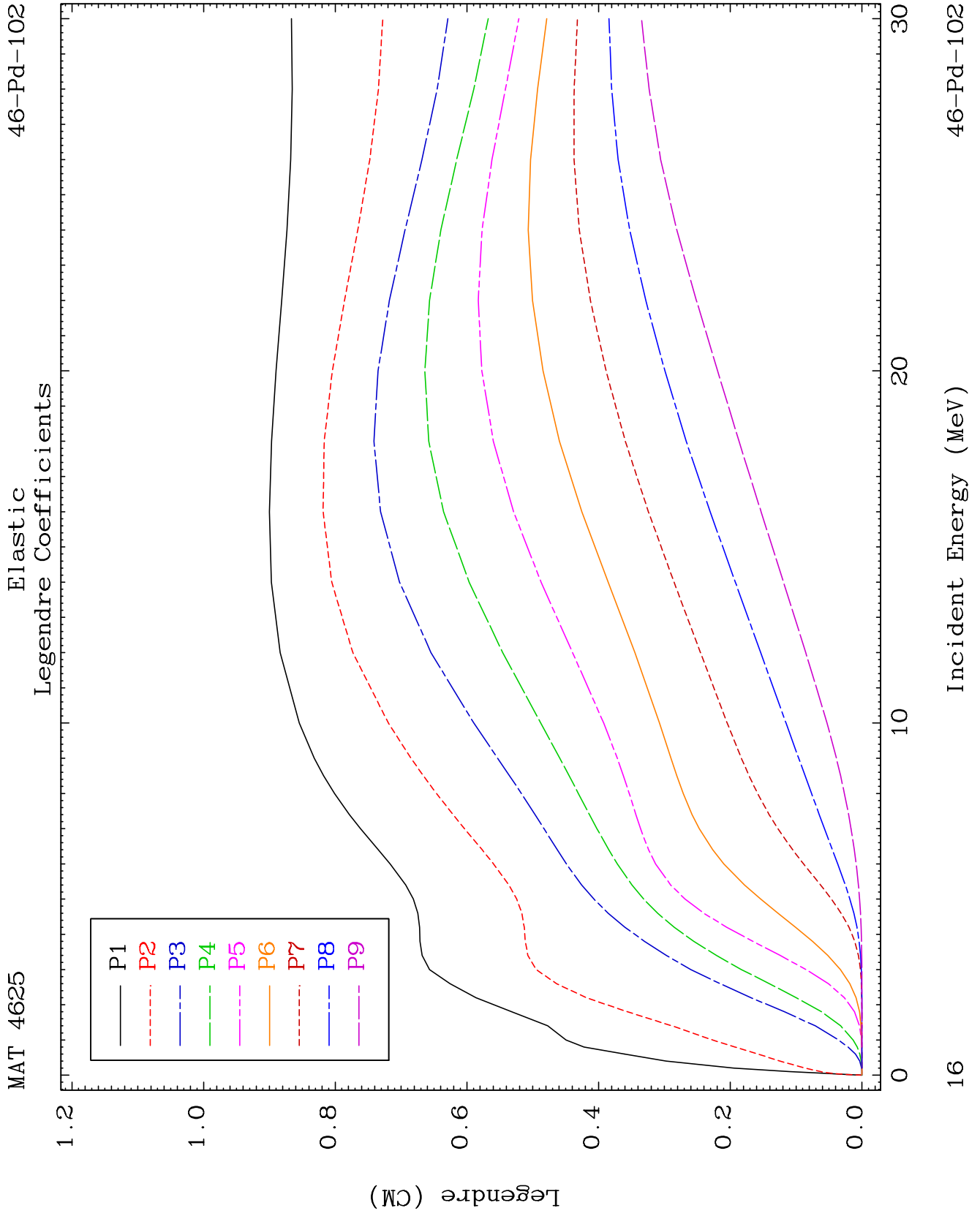
MAT 4625

(n,α) Levels
293 Kelvin Cross Sections

46-Pd-102



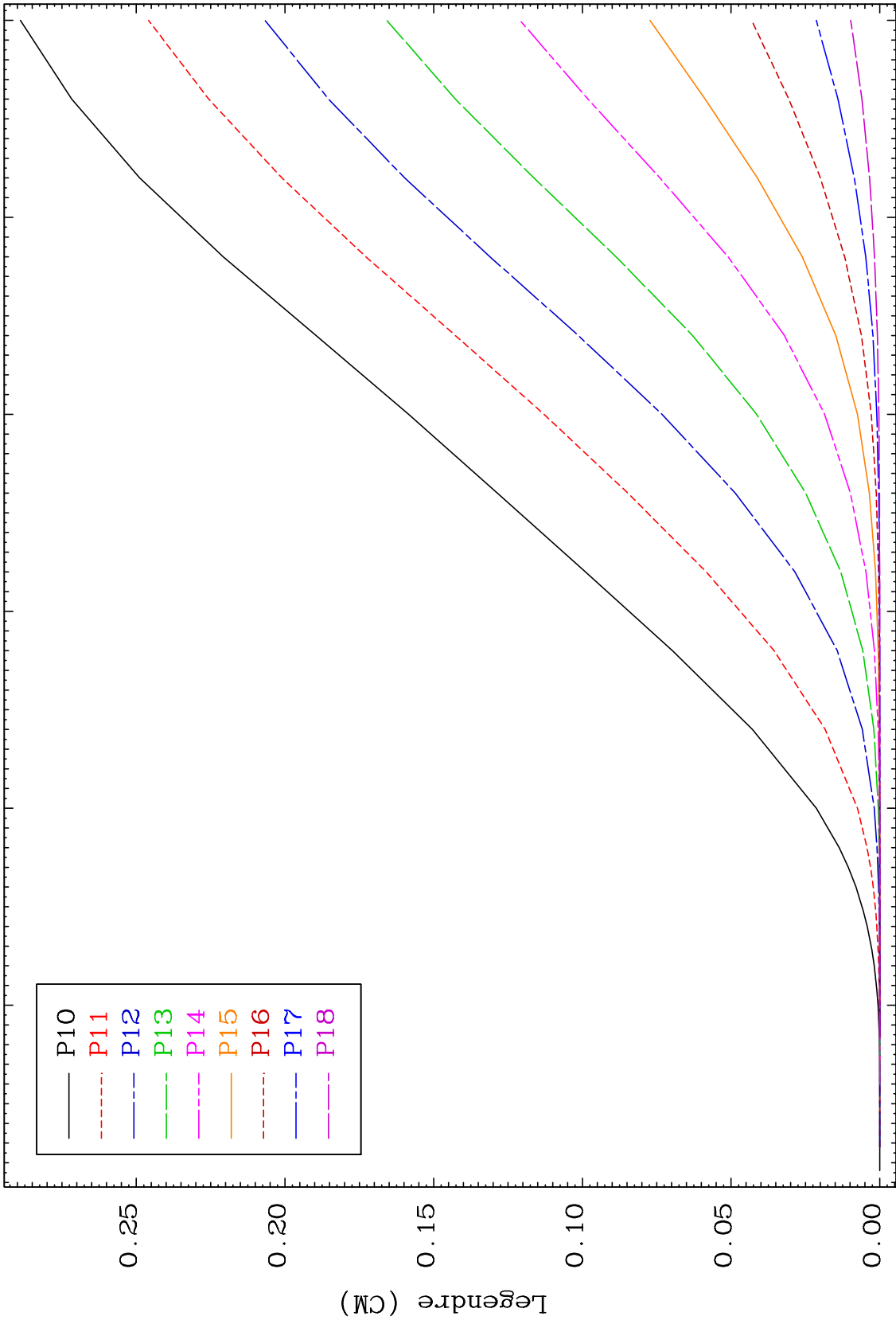




MAT 4625

Elastic Legendre Coefficients

46-Pd-102



17

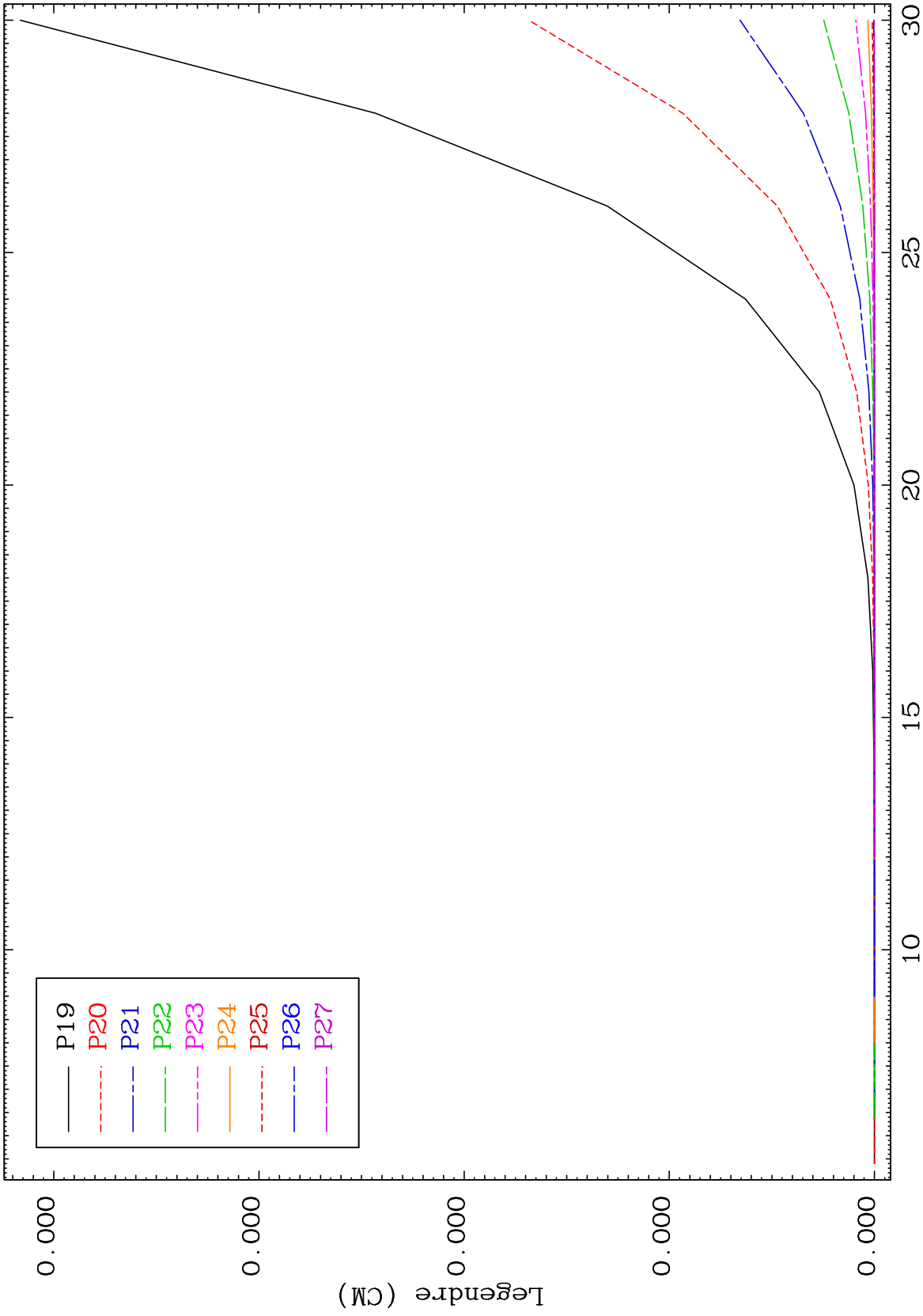
Incident Energy (MeV)

46-Pd-102

MAT 4625

Elastic
Legendre Coefficients

46-Pd-102



18

Incident Energy (MeV)

46-Pd-102

MAT 4625

Elastic
Legendre Coefficients

46-Pd-102

$\times 10^{-7}$

1.0

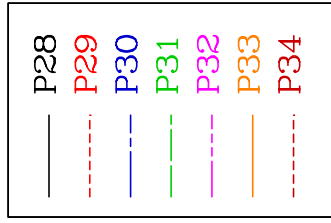
0.5

Legendre (CM)

0.0

-0.5

-1.0



15

20

25

30

19

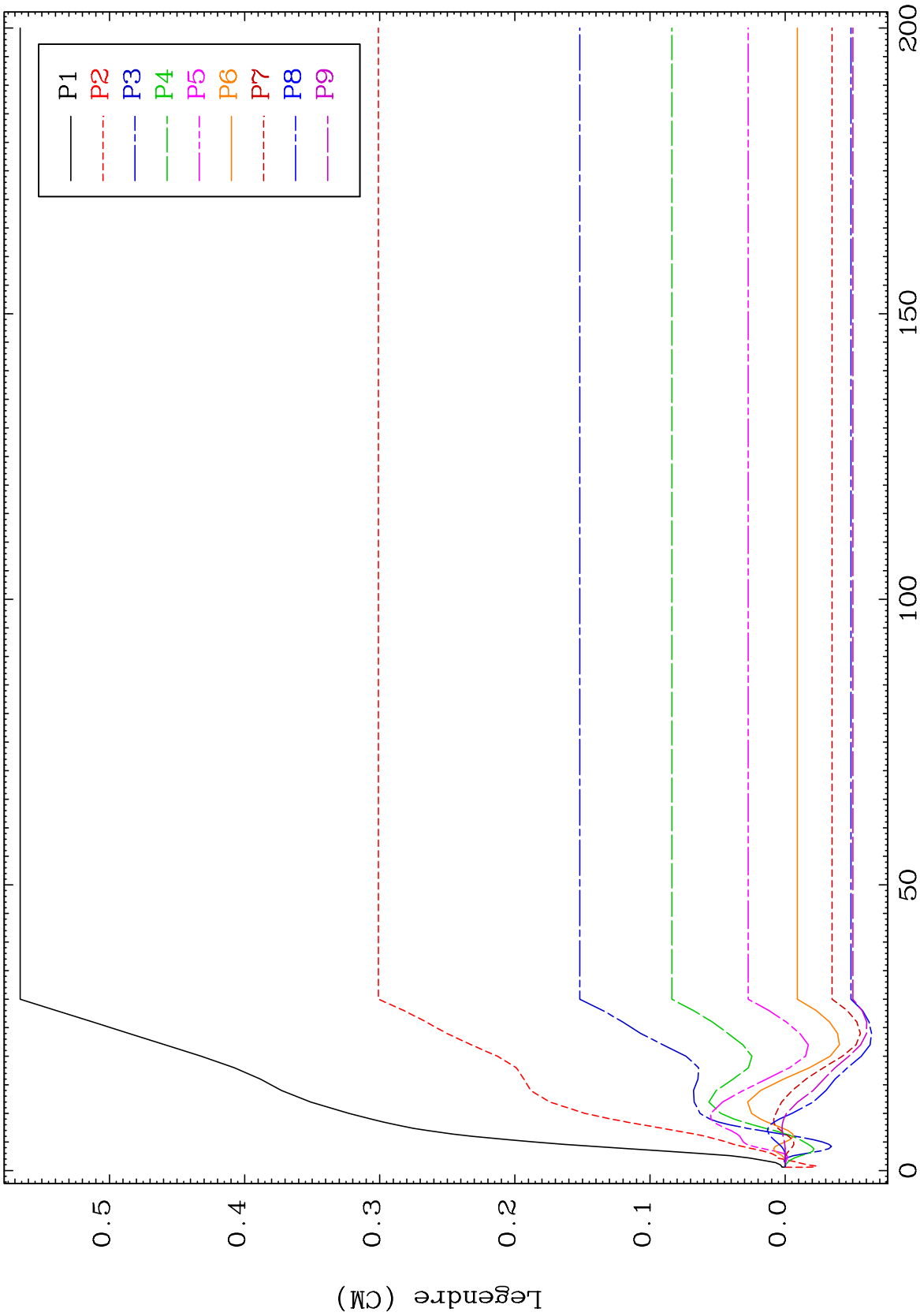
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



0

50

100

150

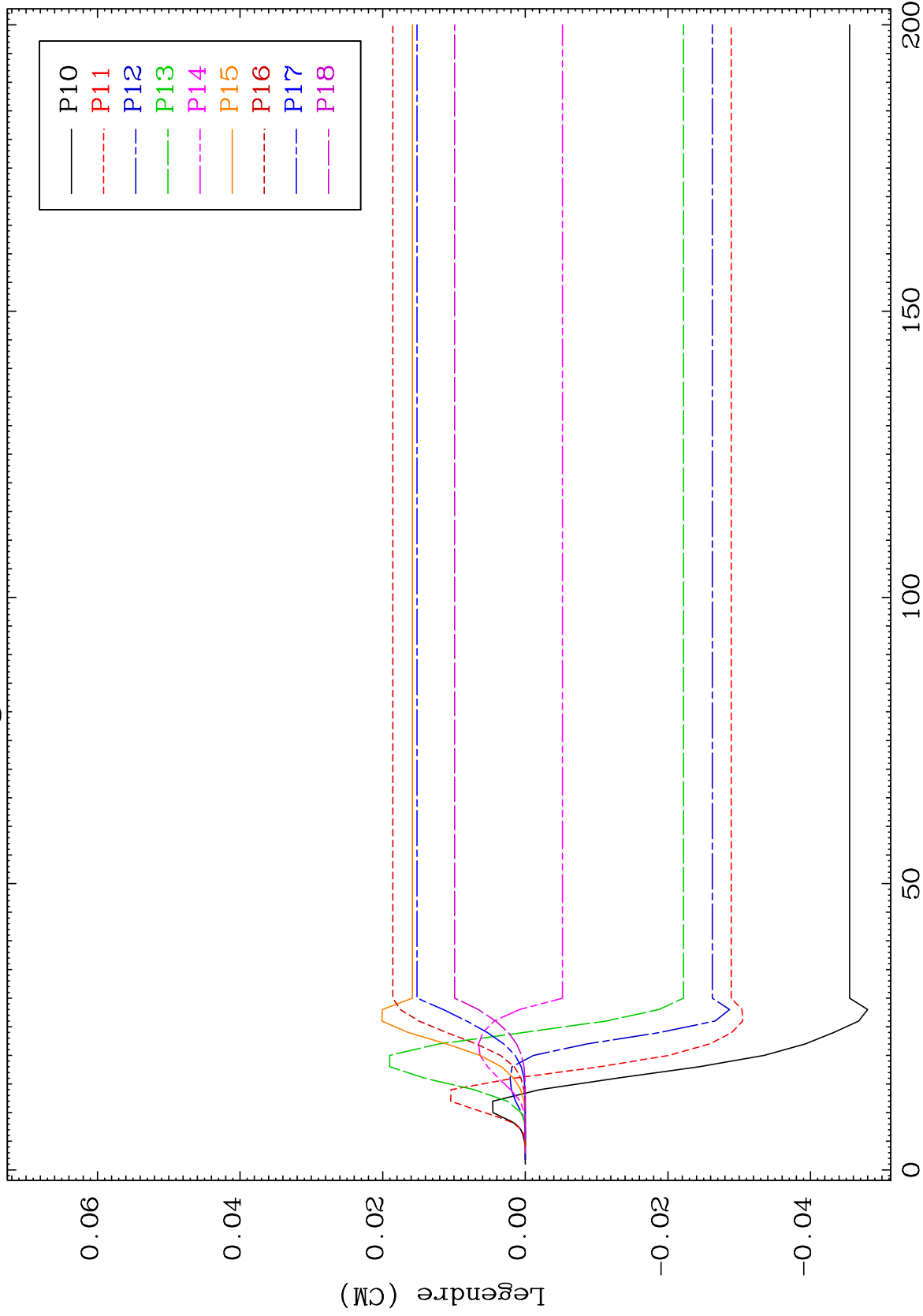
200

46-Pd-102

MAT 4625

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

46-Pd-102



21

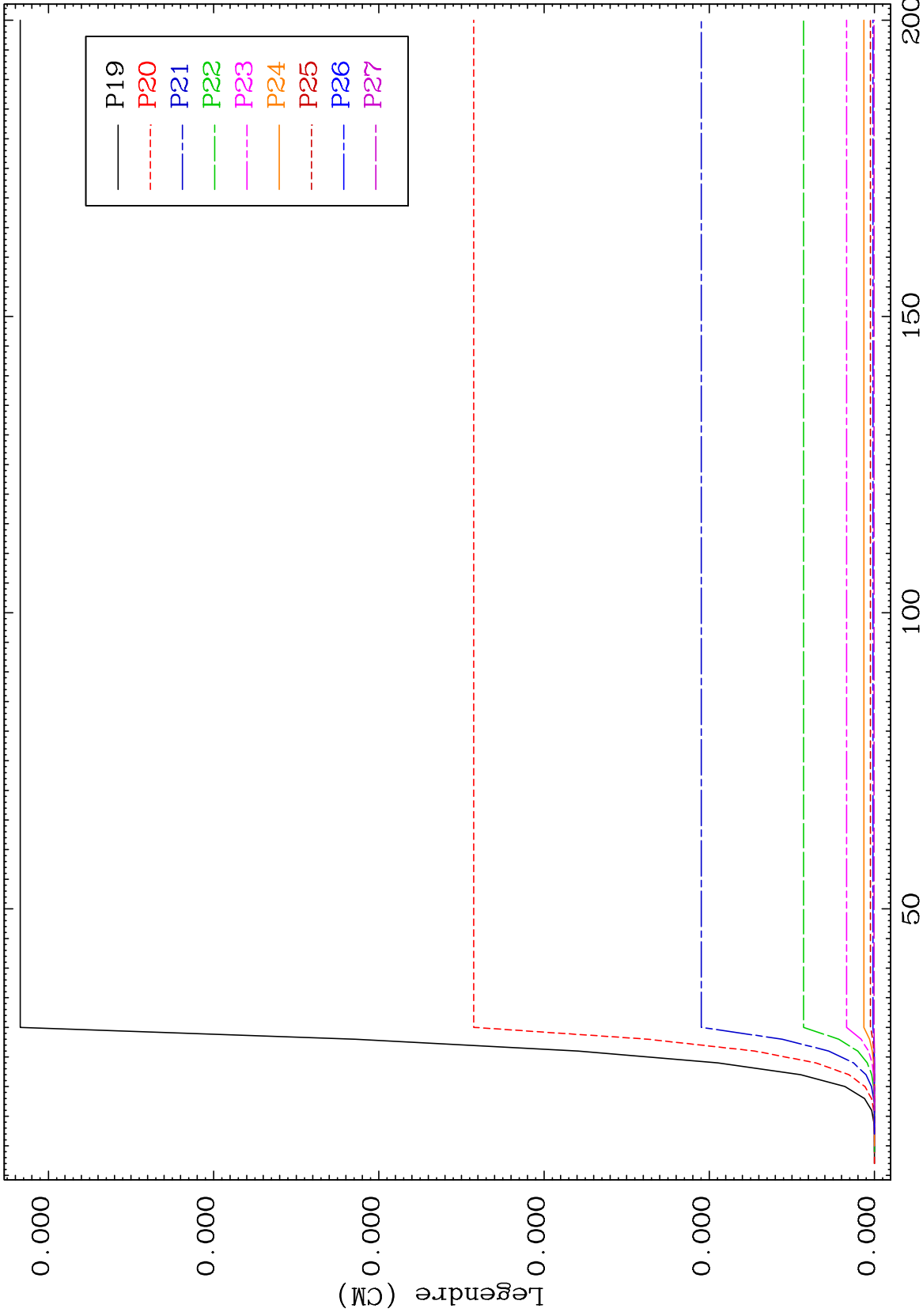
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



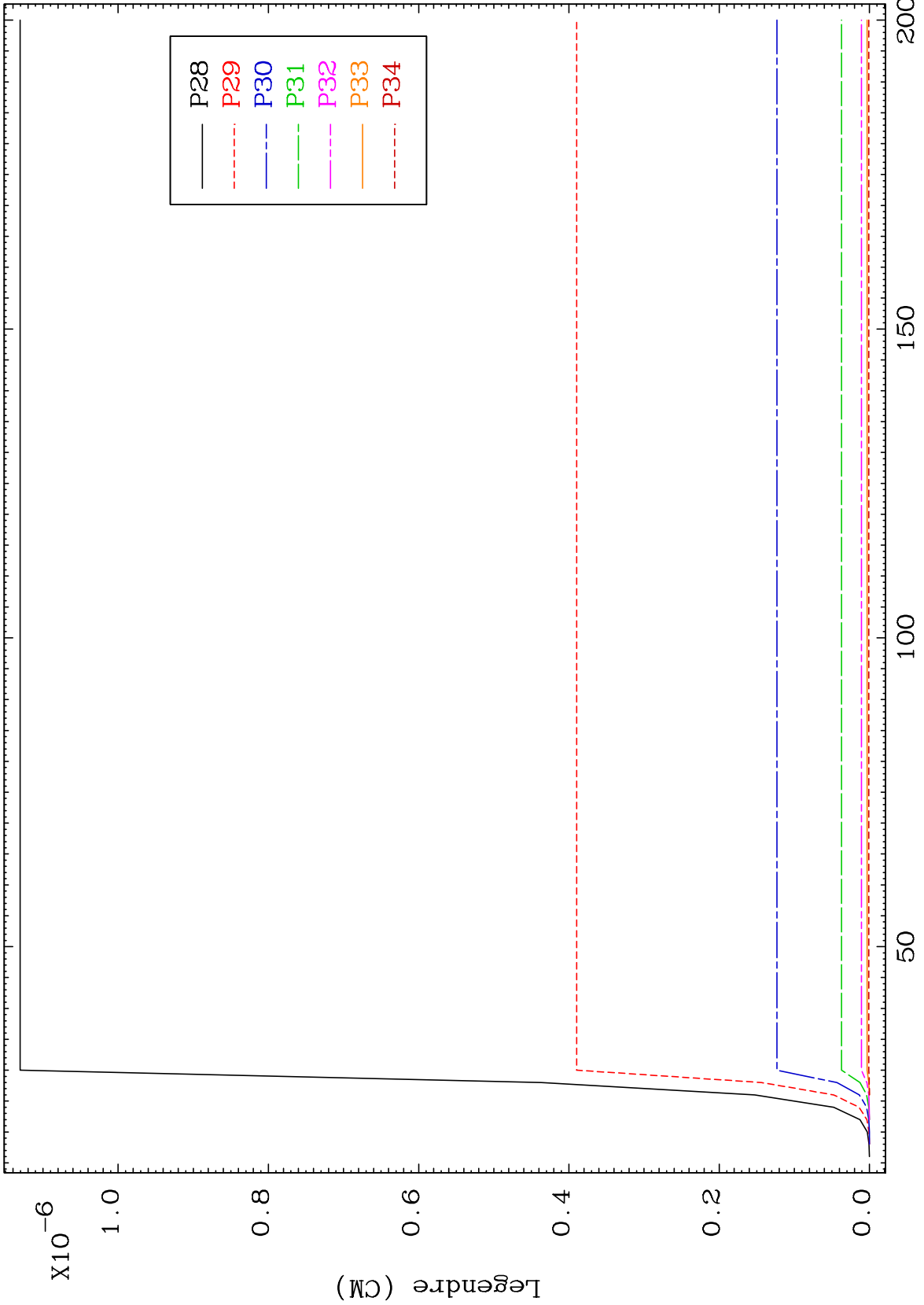
22

46-Pd-102

MAT 4625

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

46-Pd-102



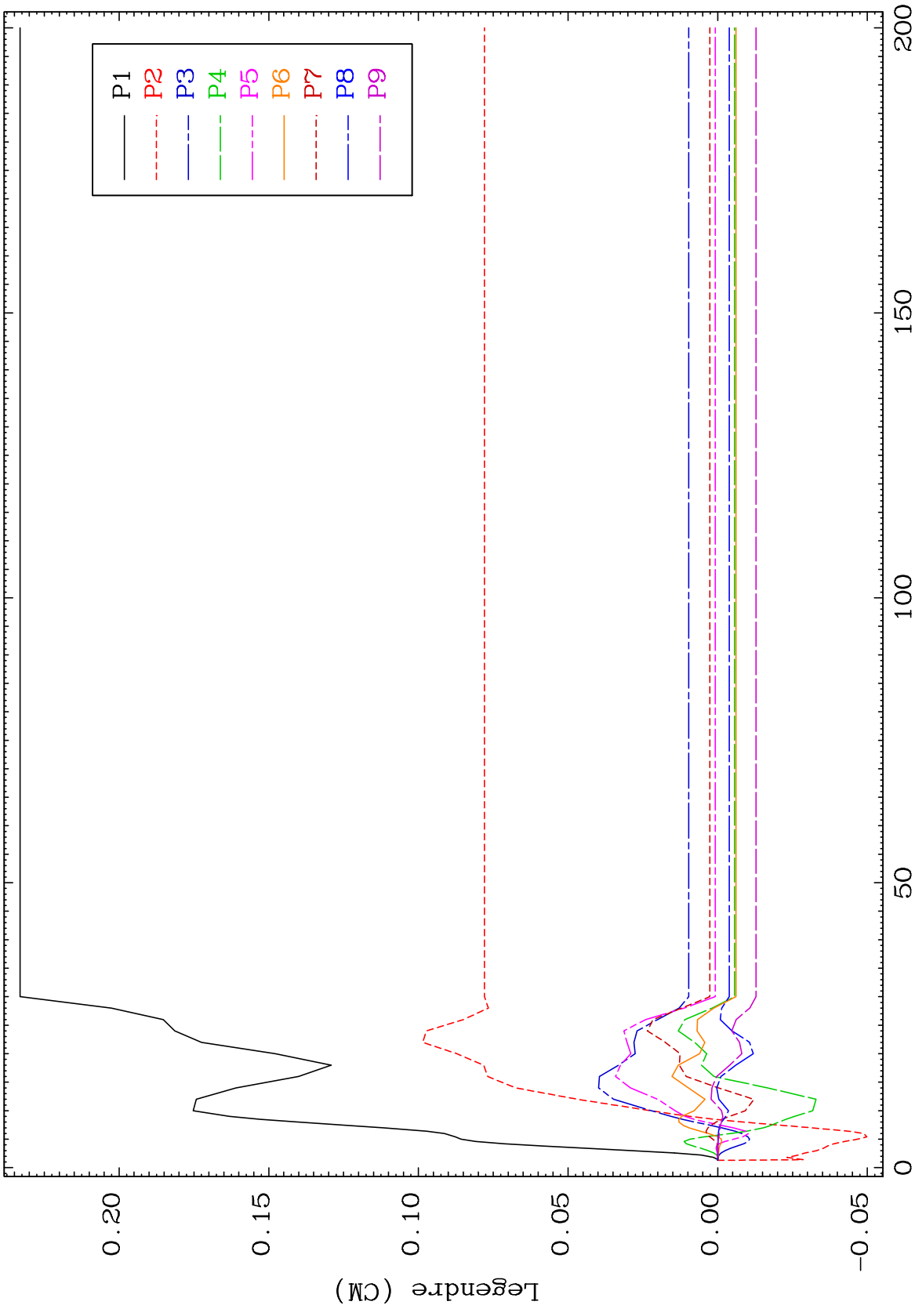
23

46-Pd-102

MAT 4625

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

46-Pd-102



24

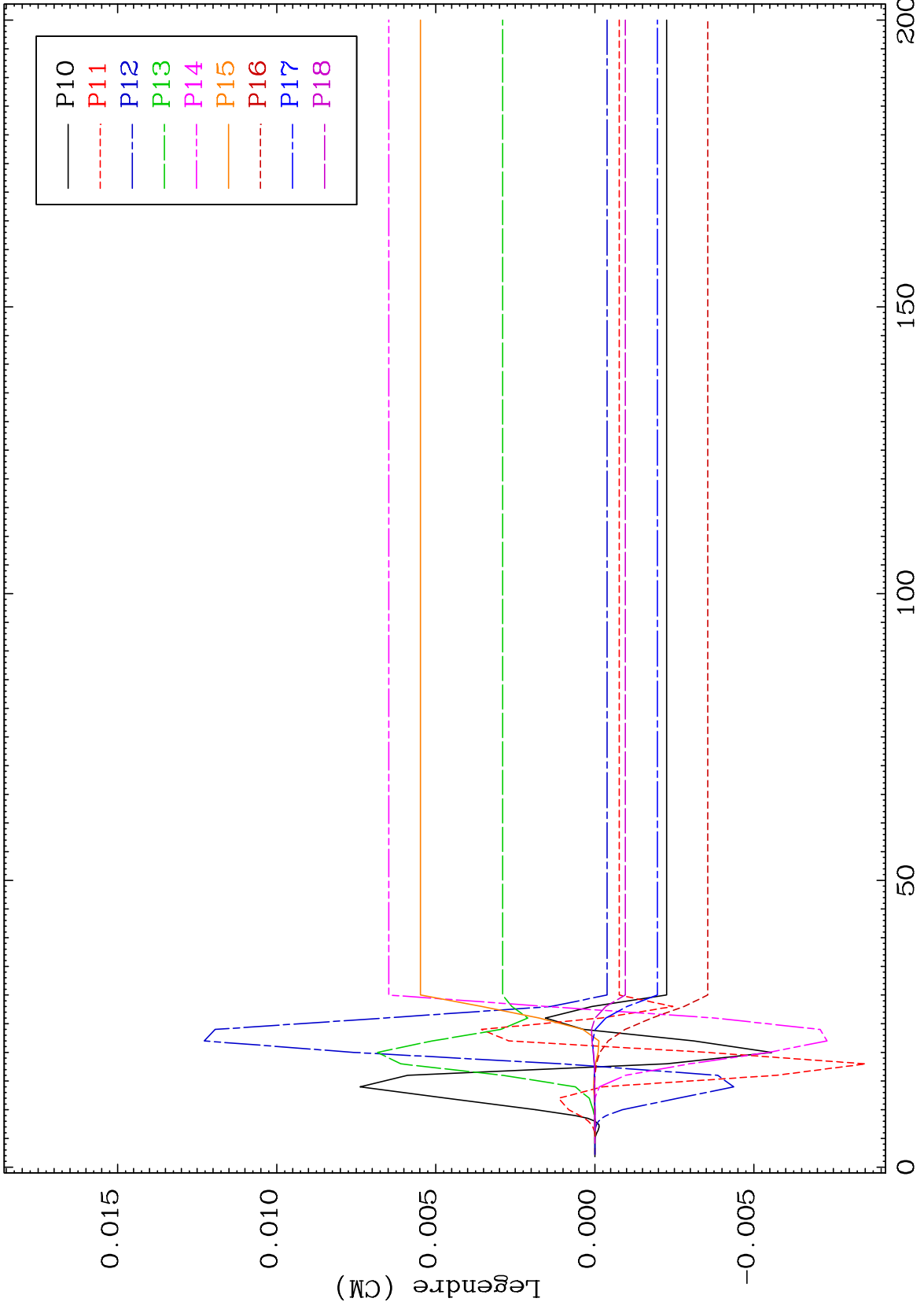
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



25

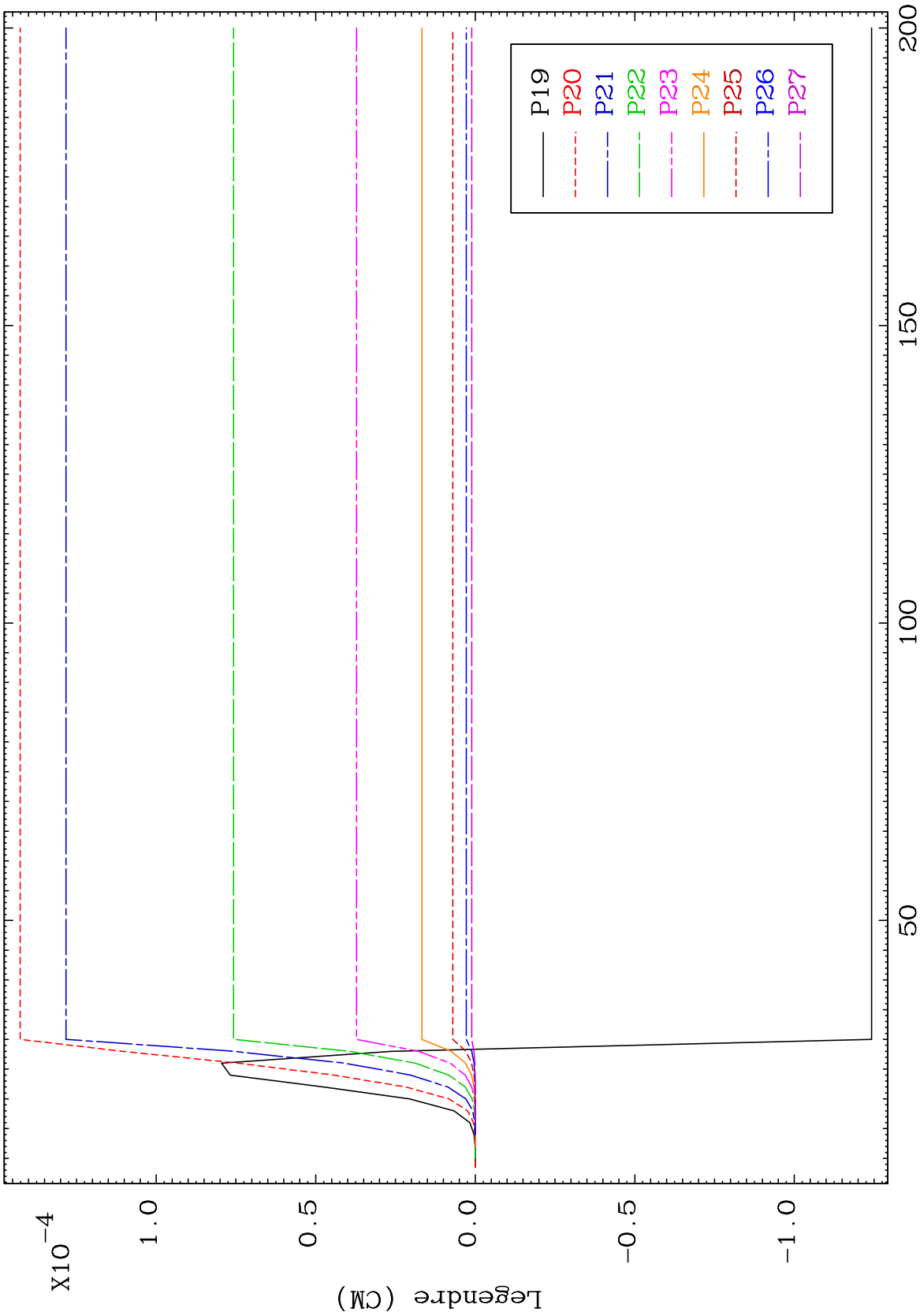
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



26

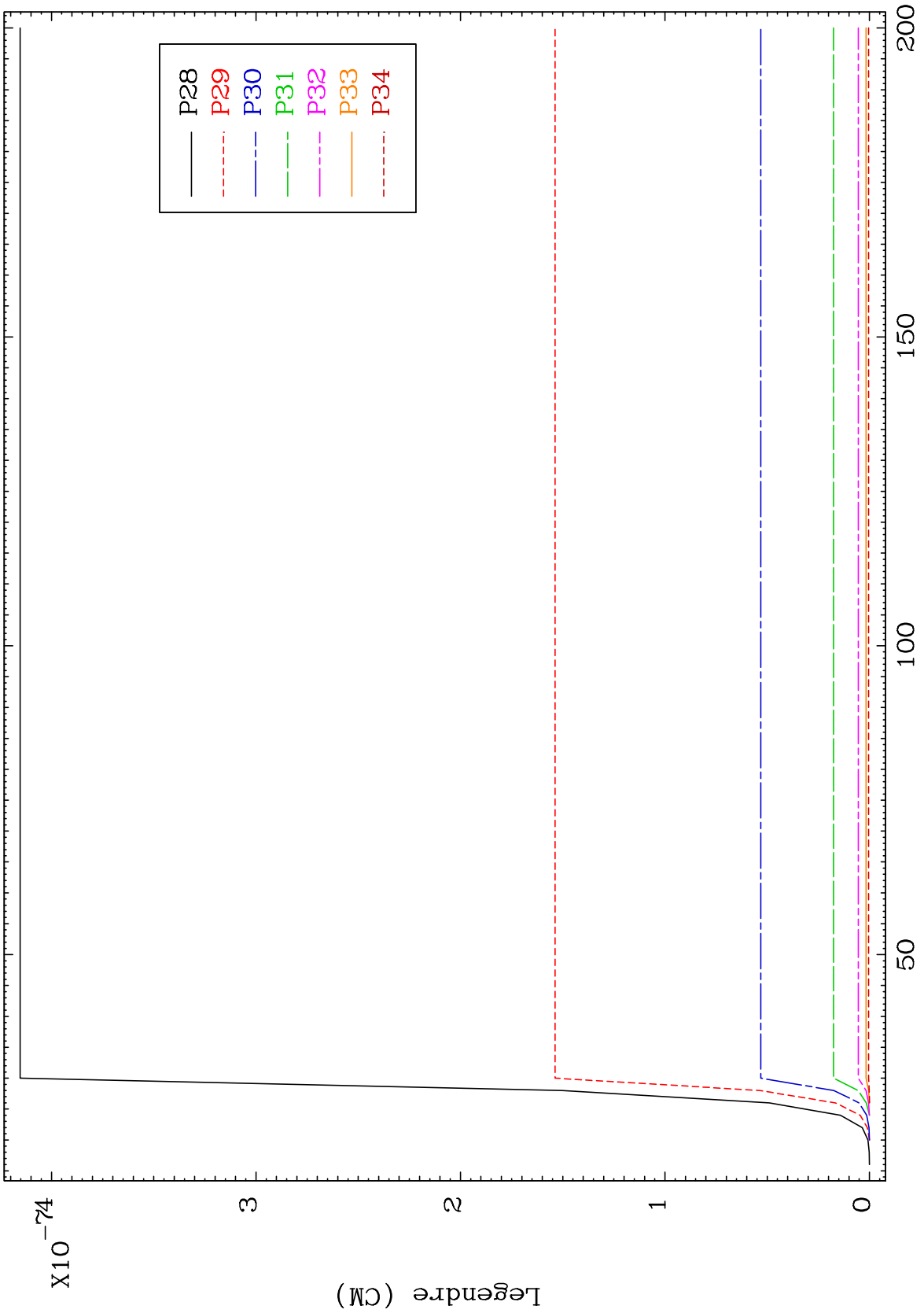
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



27

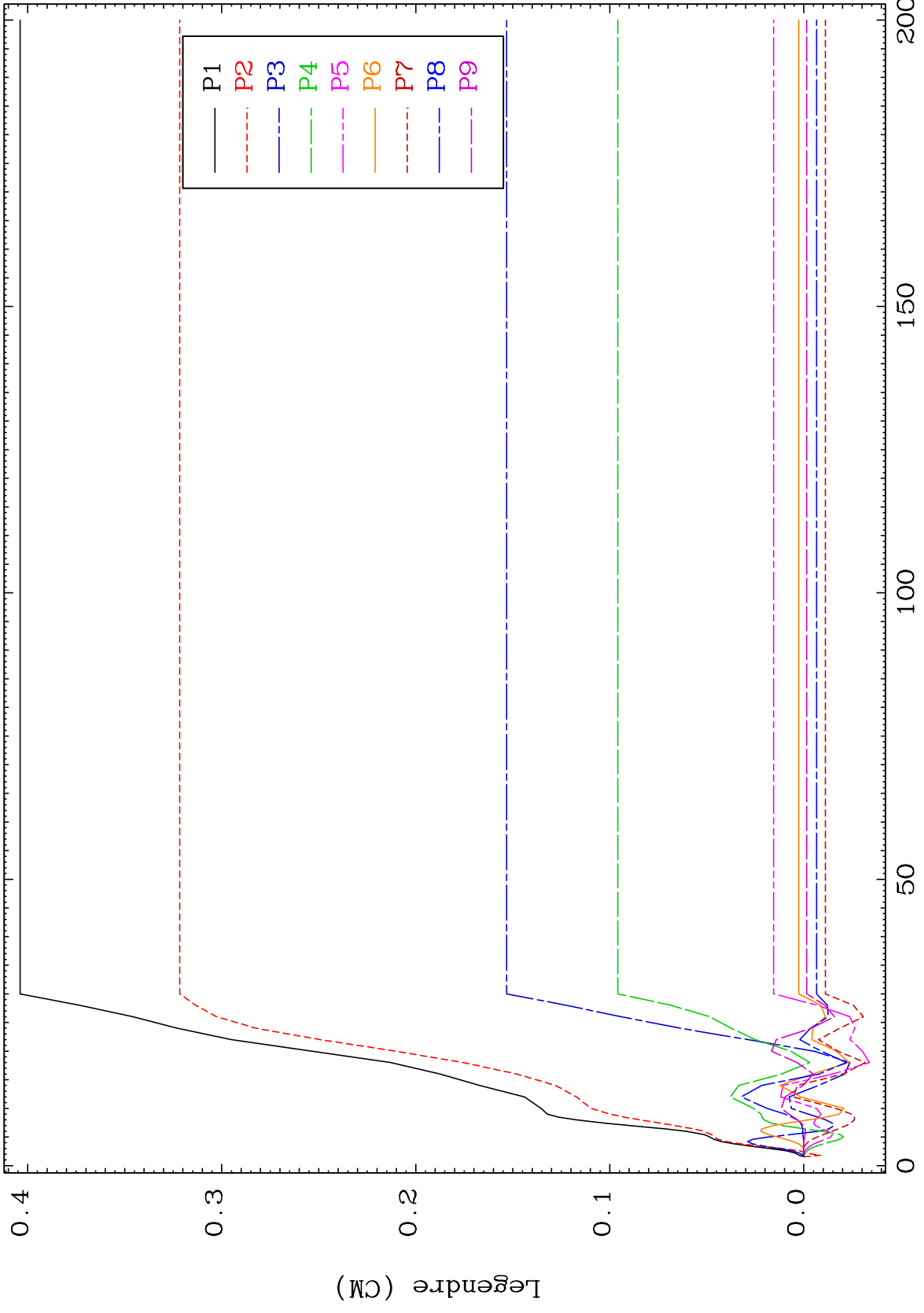
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



28

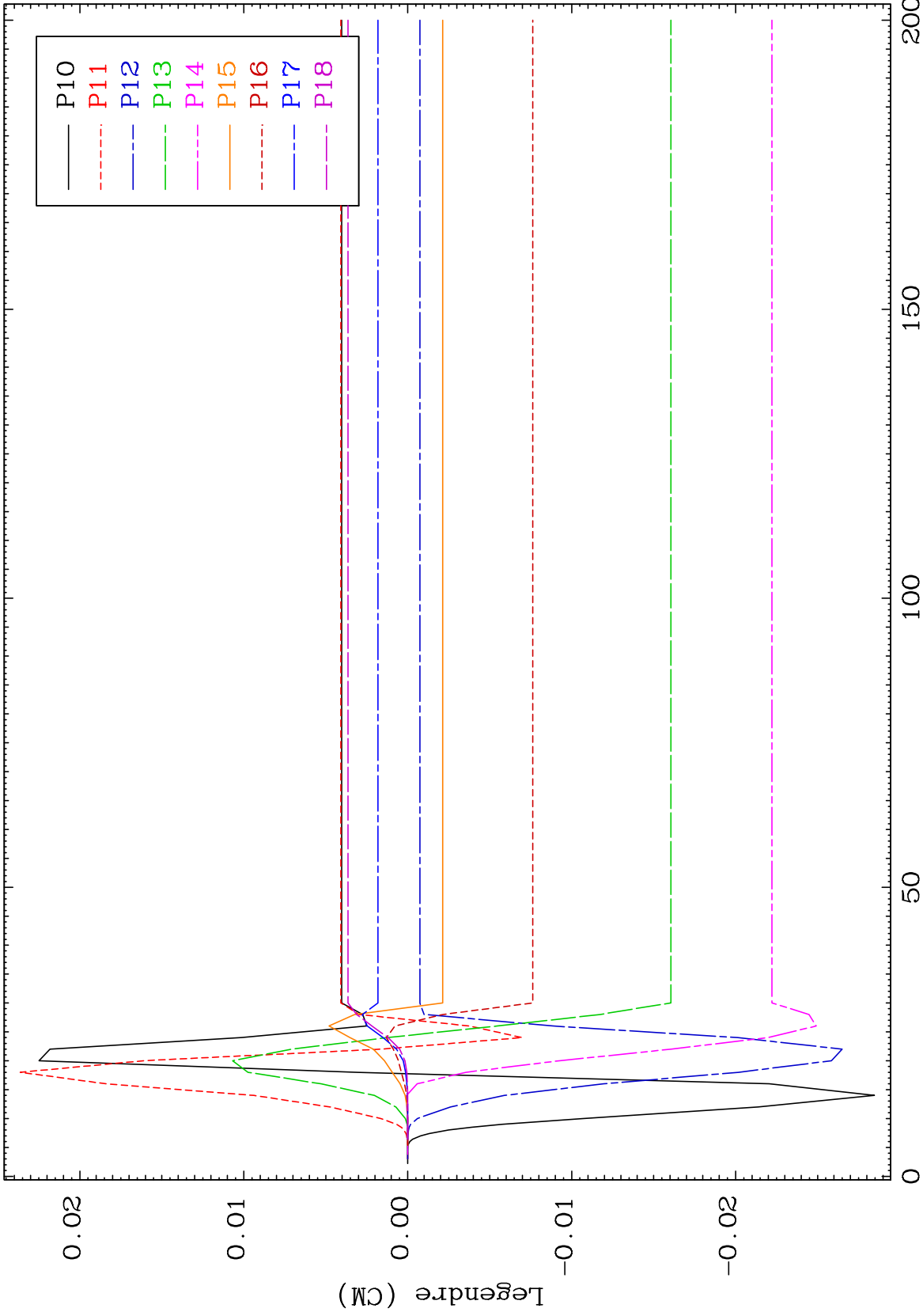
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



29

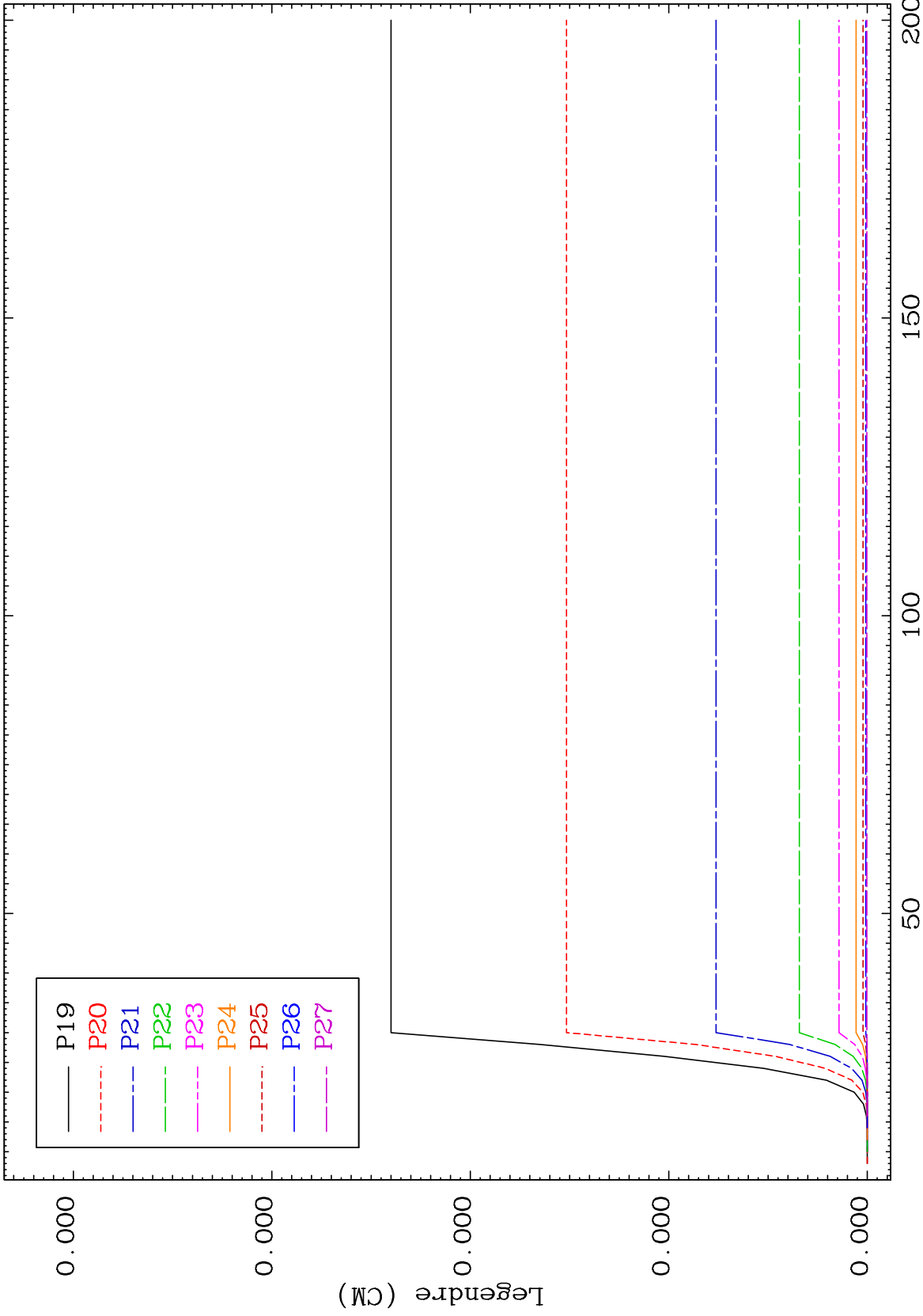
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

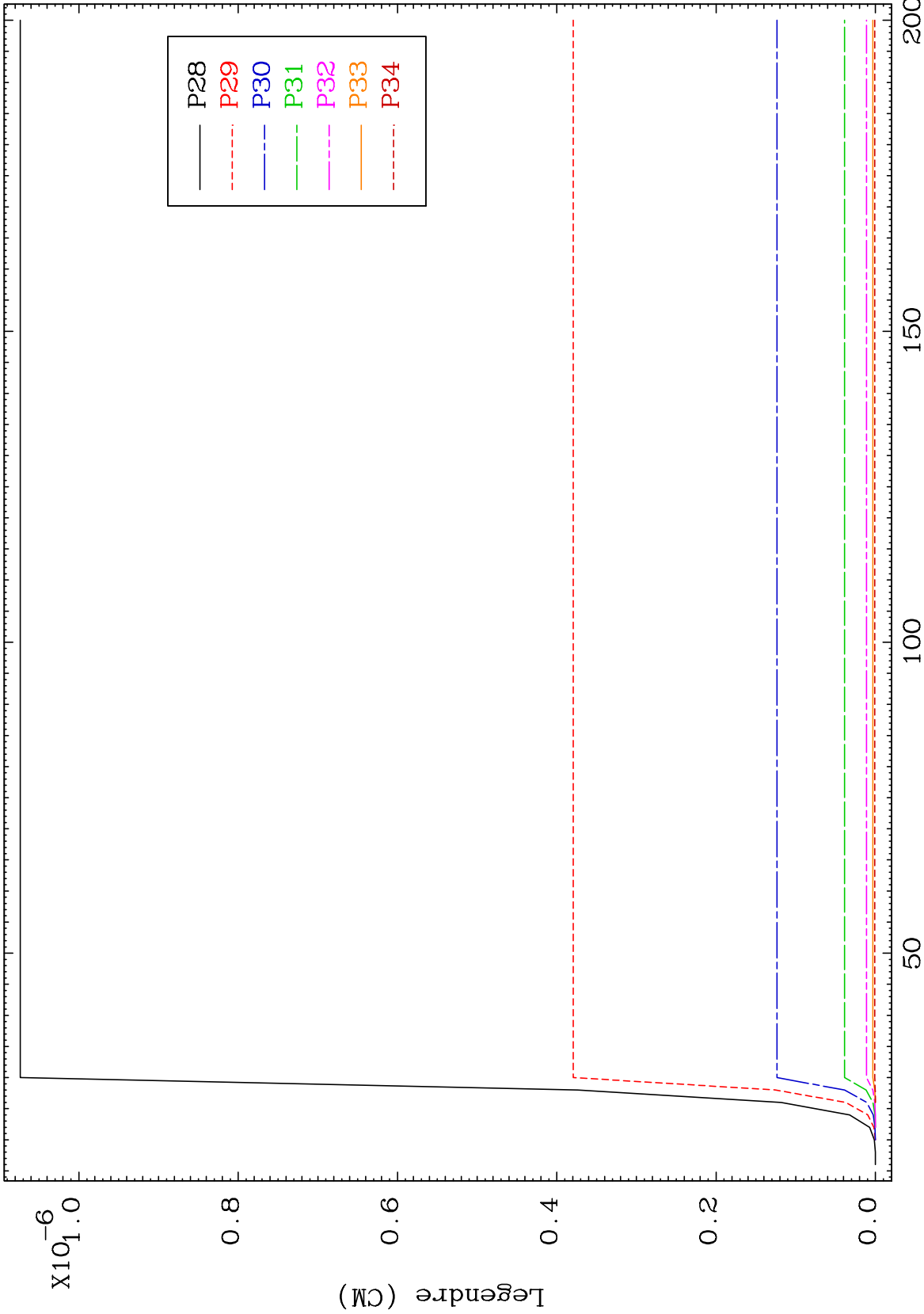
46-Pd-102



30

Incident Energy (MeV)

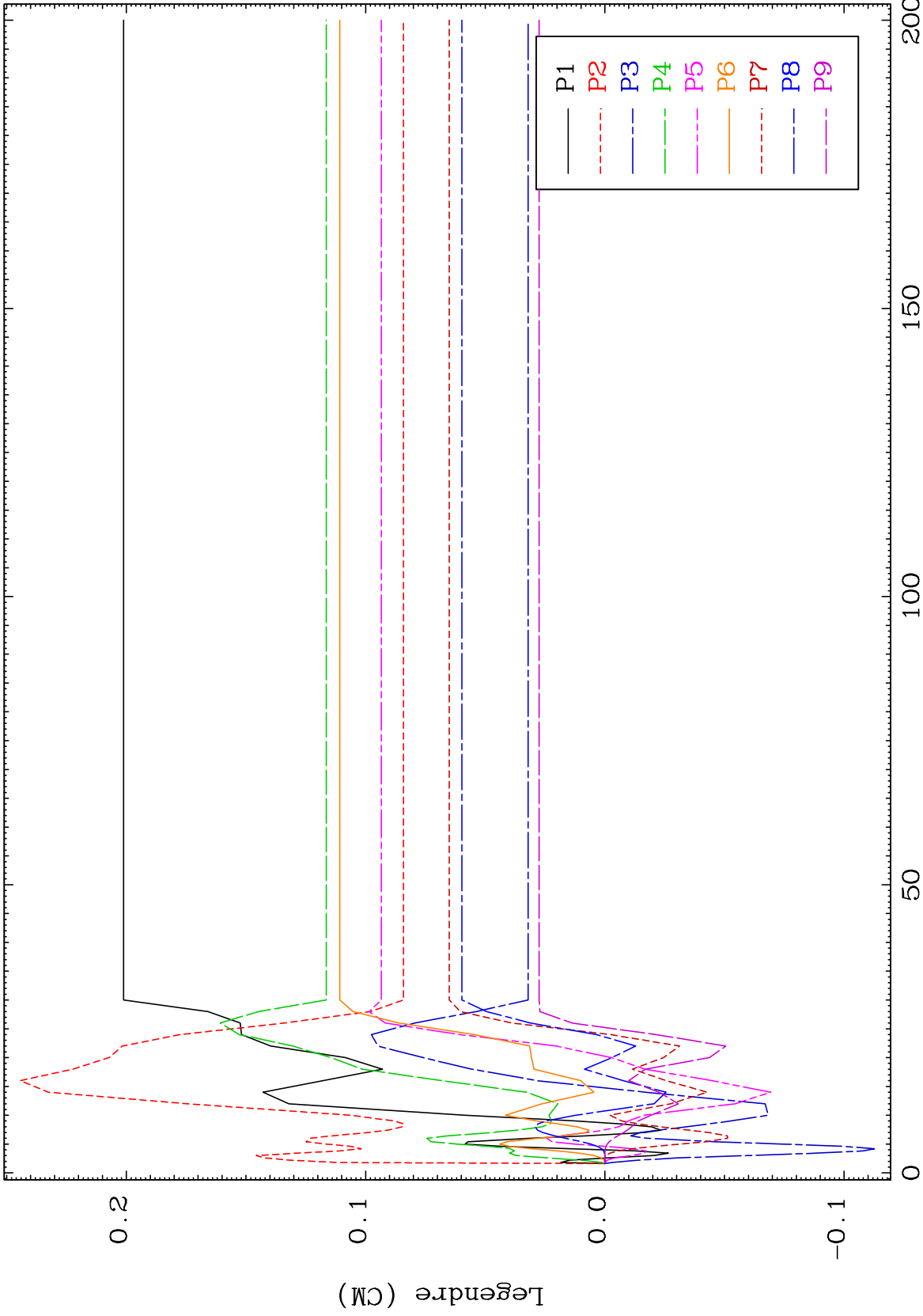
46-Pd-102



MAT 4625

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

46-Pd-102

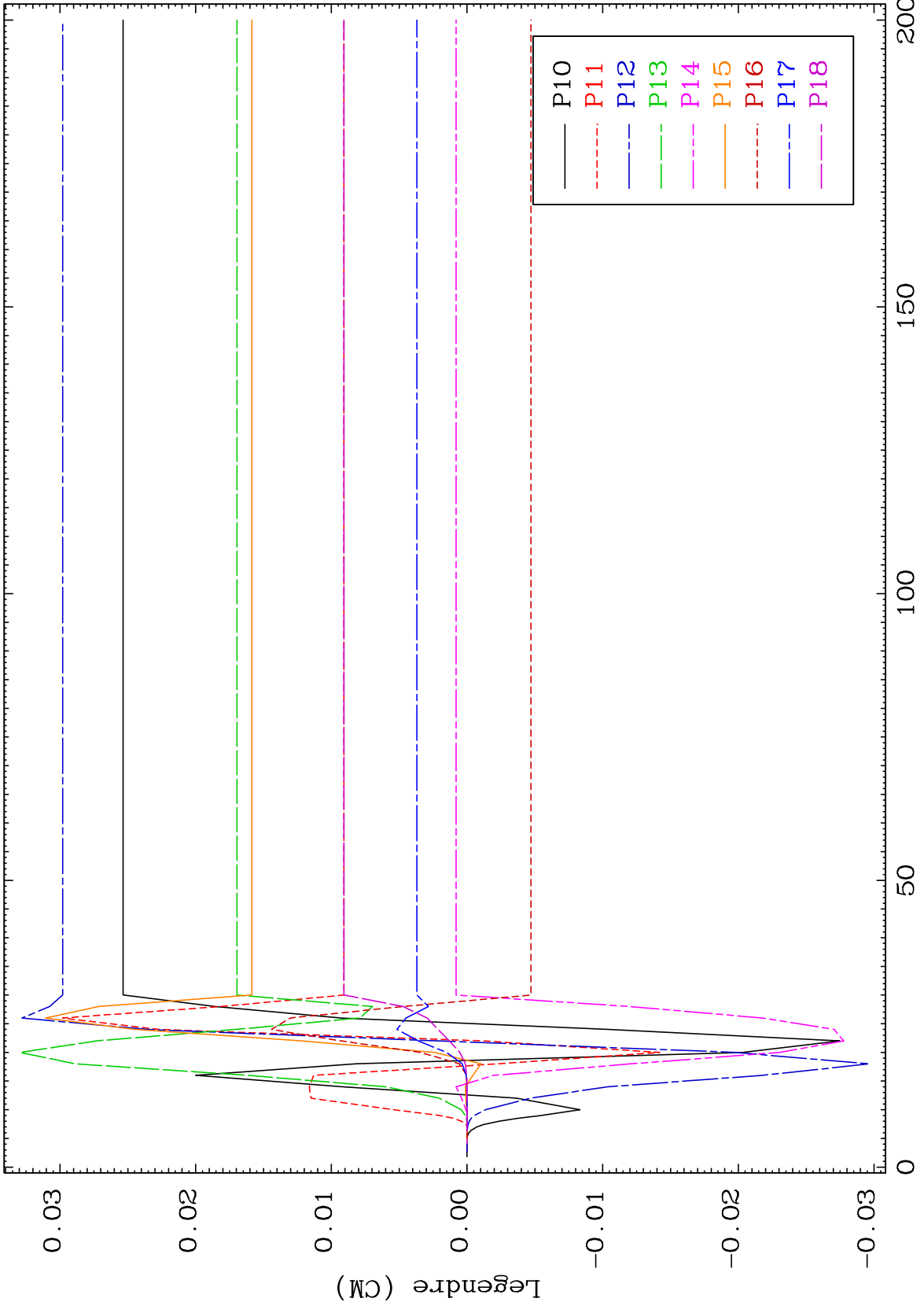


32

Incident Energy (MeV)

46-Pd-102

MAT 4625 MT= 54 (n,n') Level Legendre Coefficients 46-Pd-102

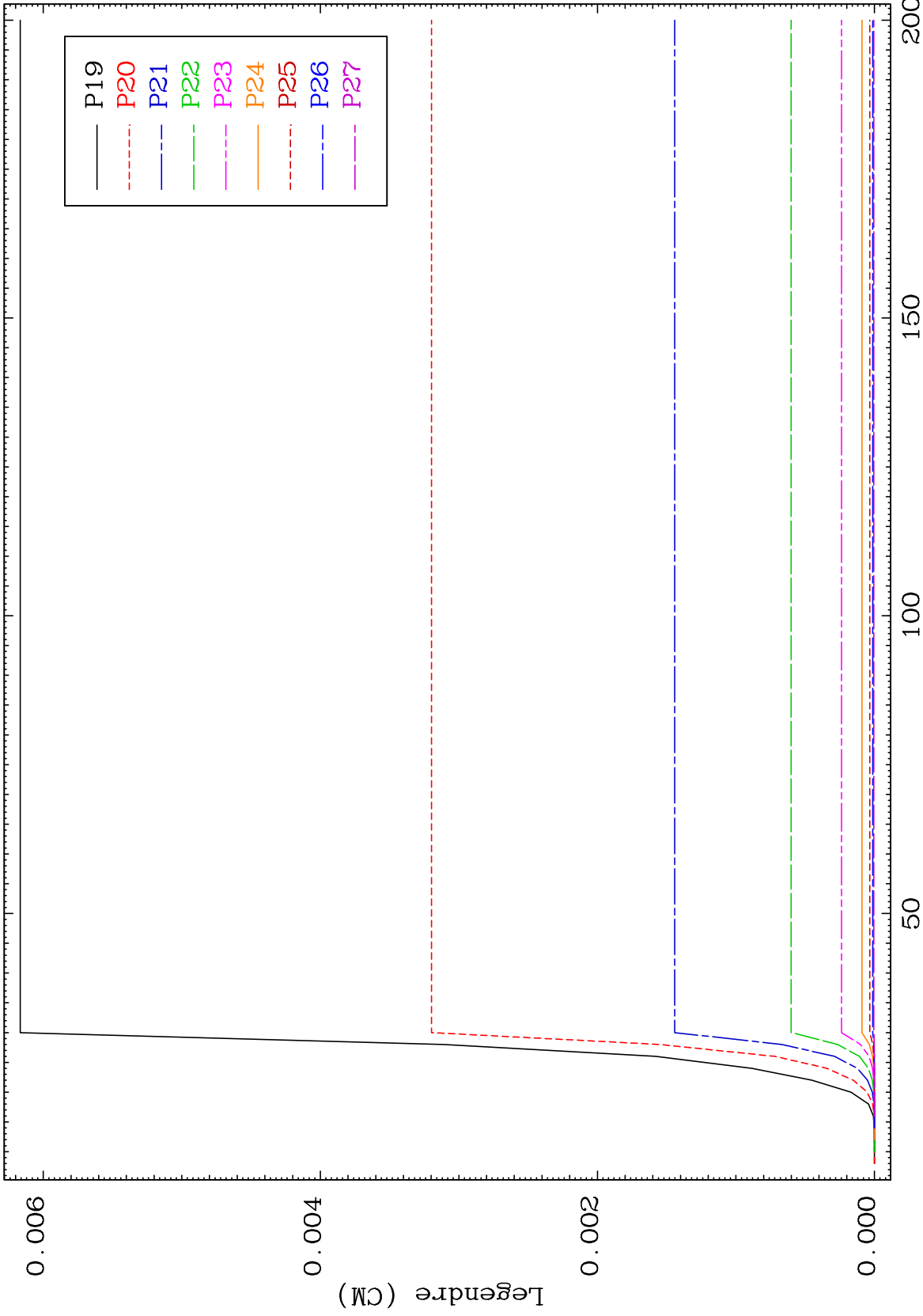


33 46-Pd-102

MAT 4625

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

46-Pd-102



34

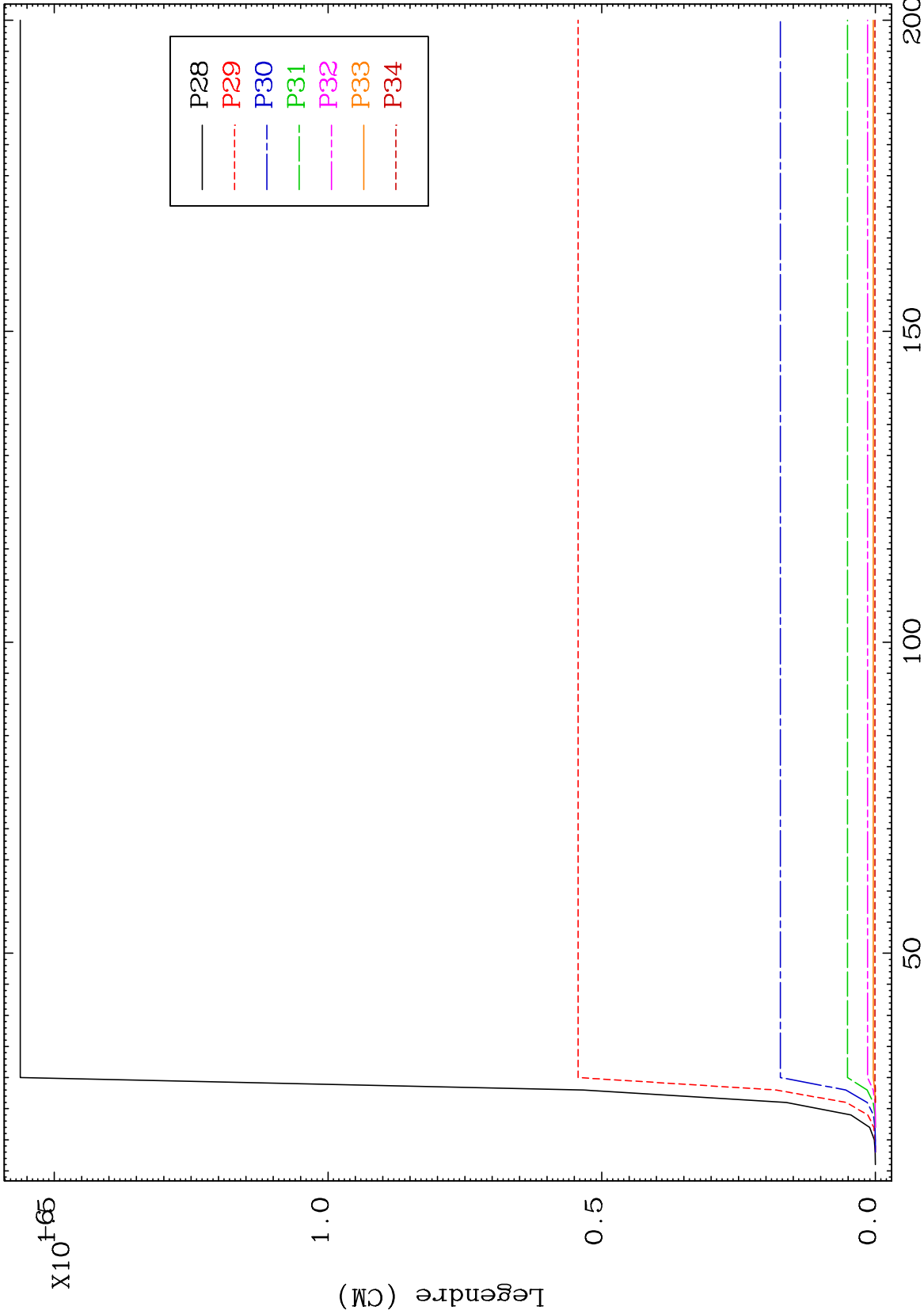
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



35

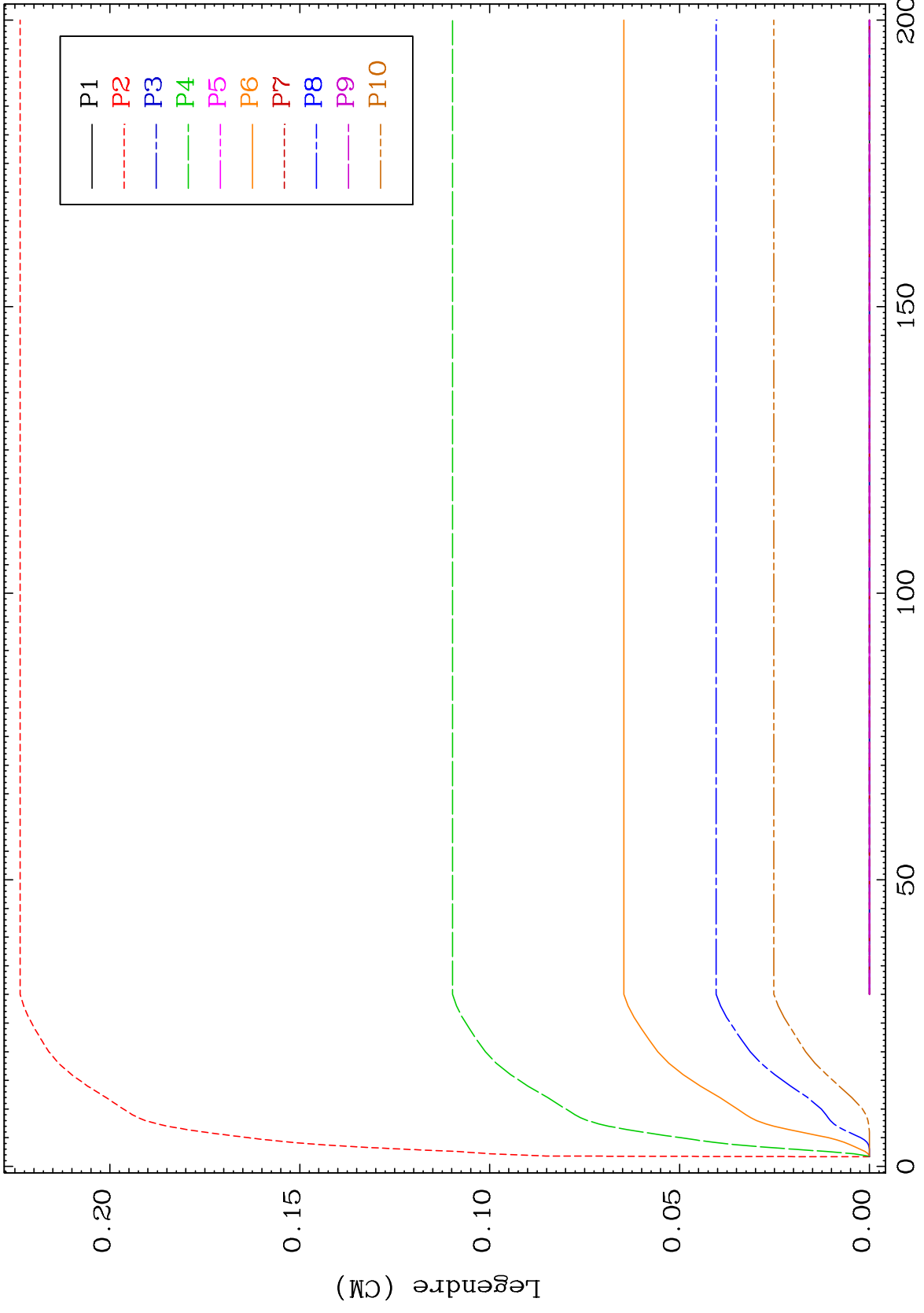
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102

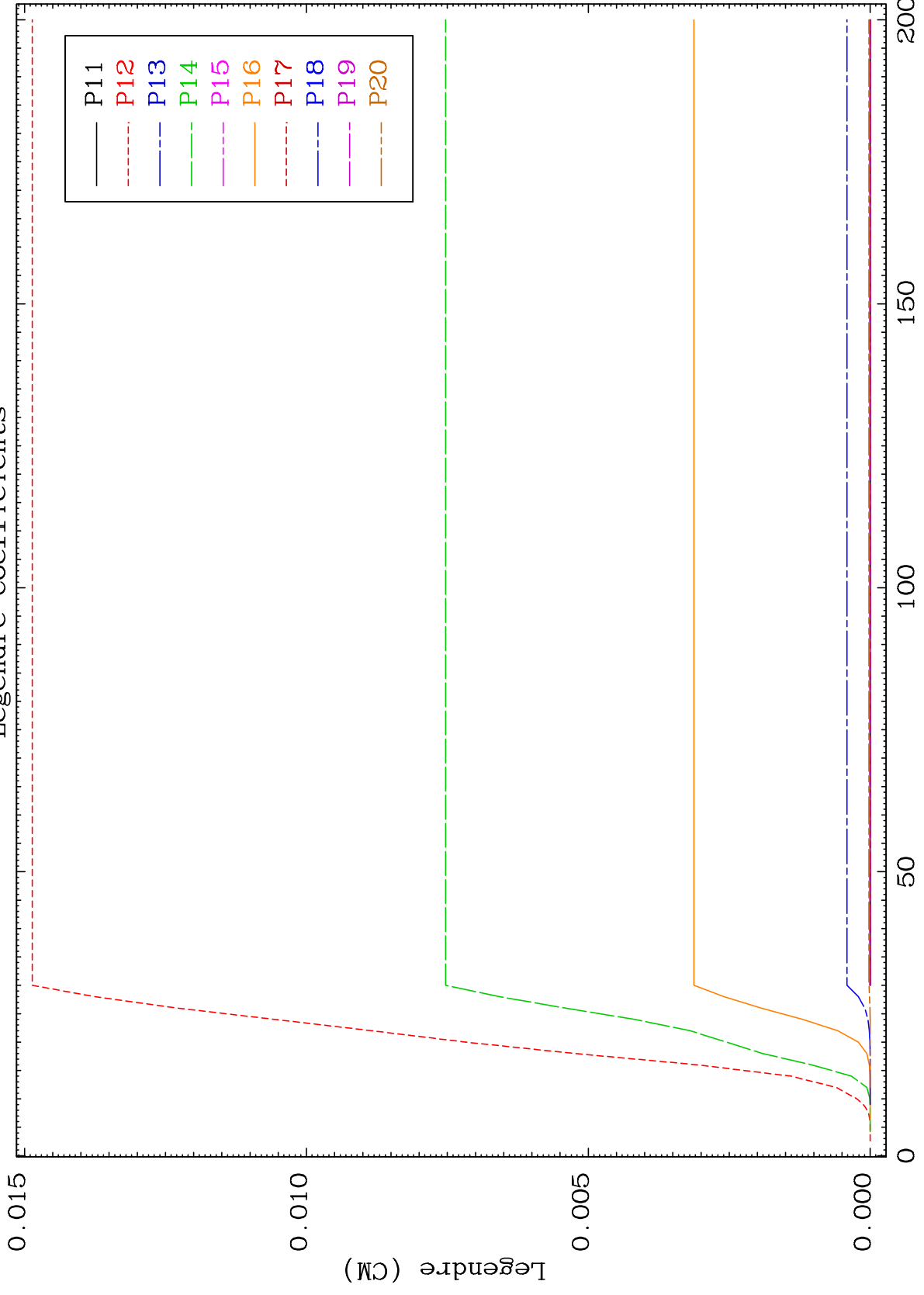


36

Incident Energy (MeV)

46-Pd-102

MAT 4625 MT= 55 (n,n') Level Legendre Coefficients 46-Pd-102

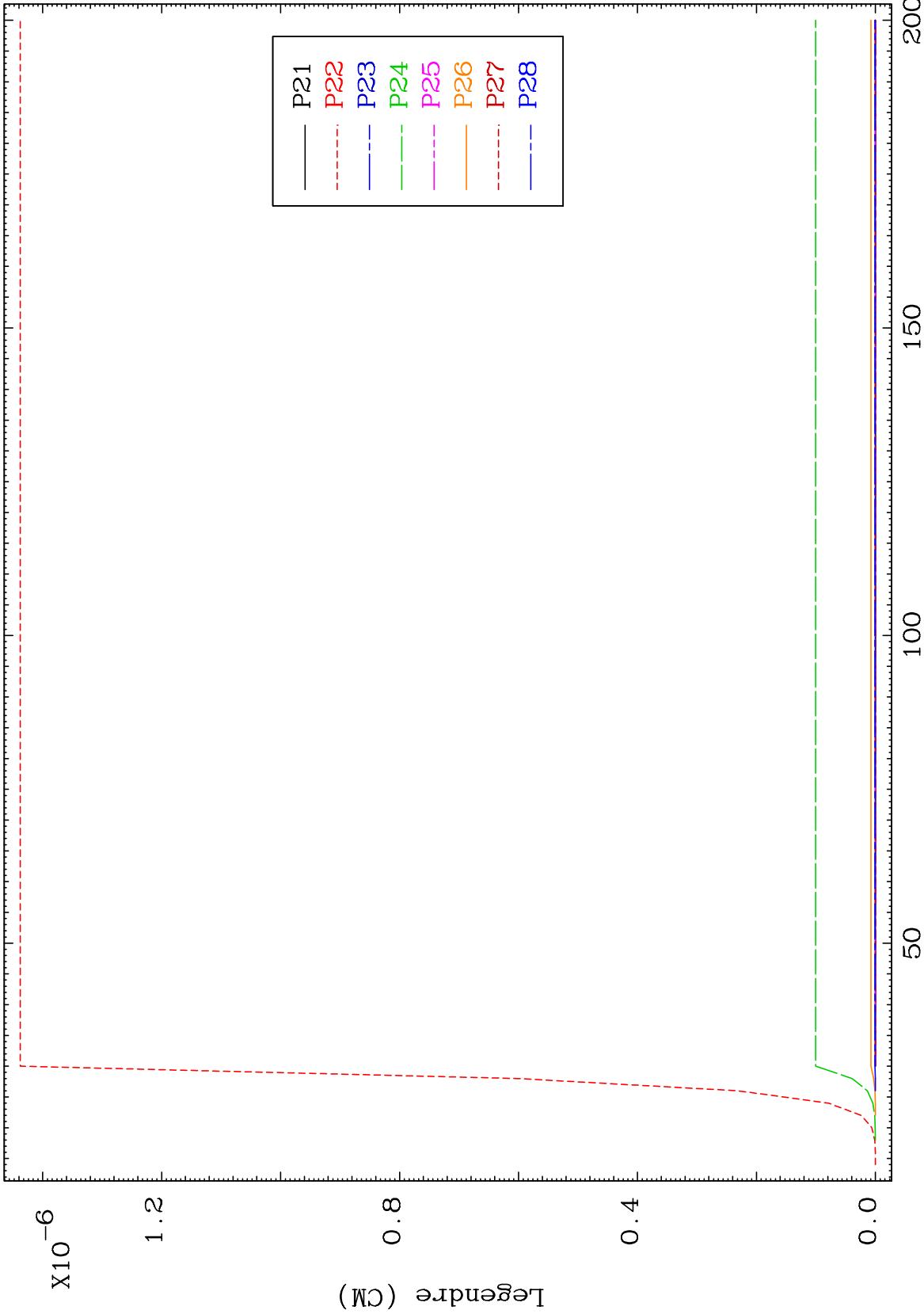


37 46-Pd-102

MAT 4625

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

46-Pd-102



38

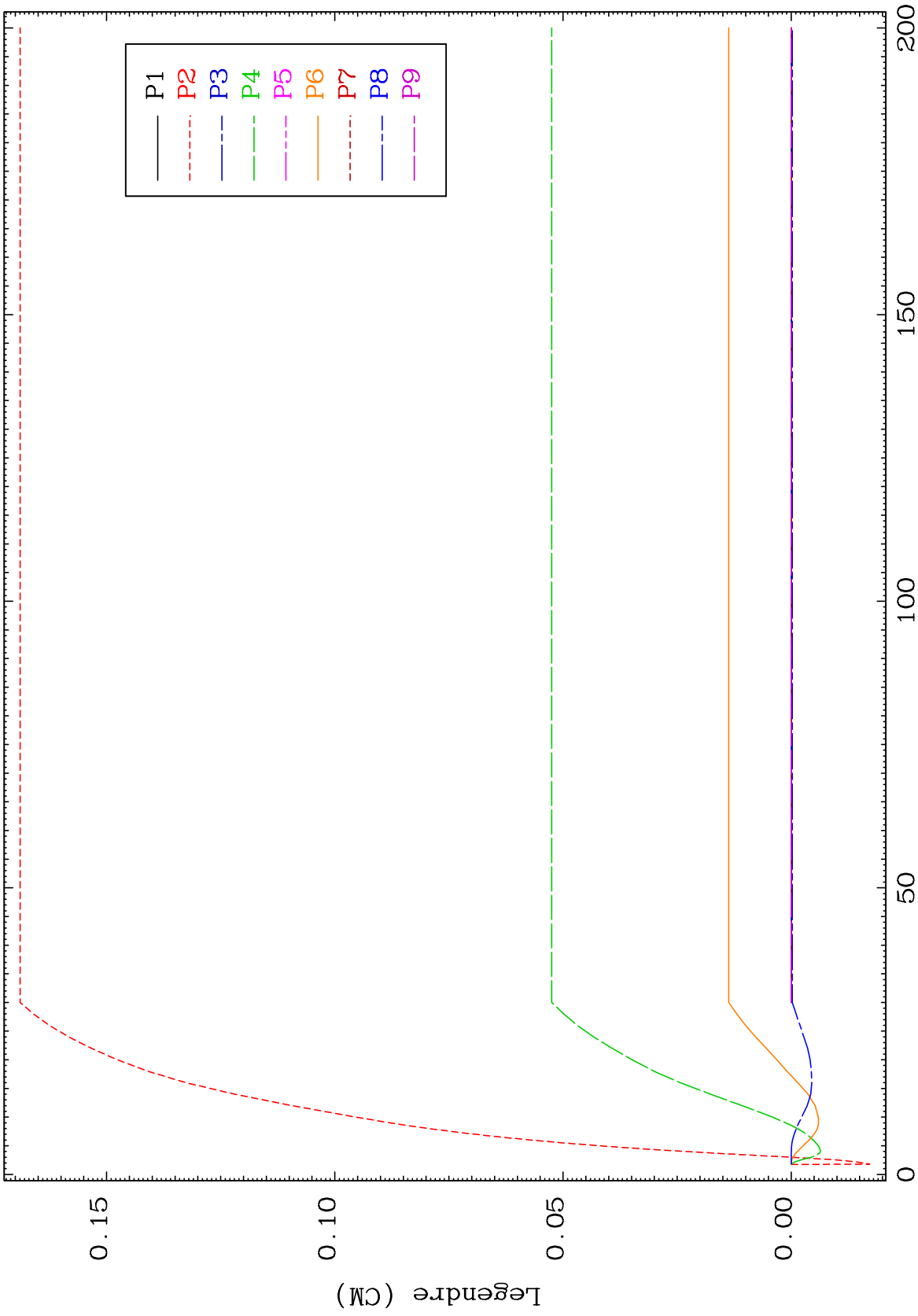
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



39

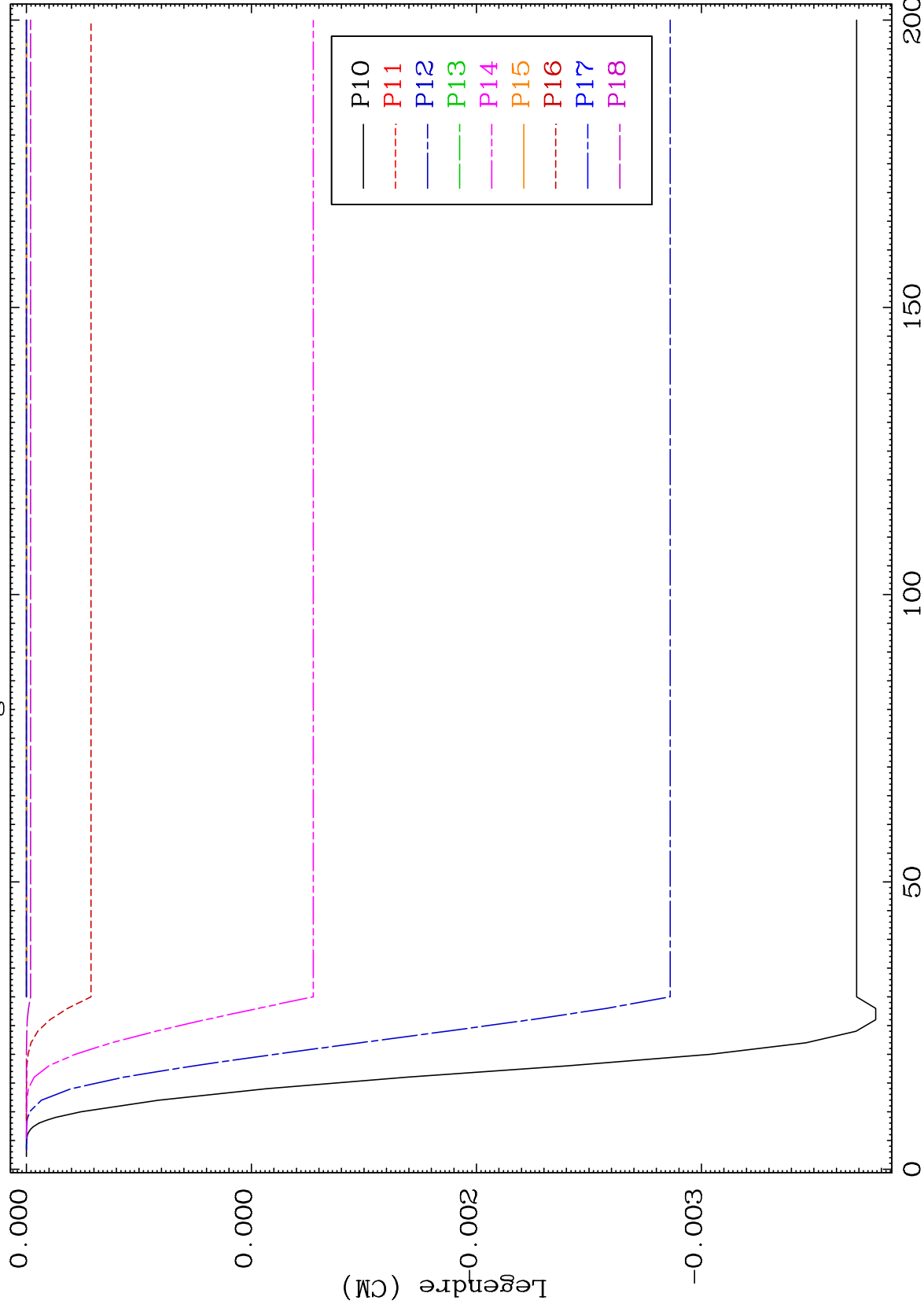
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102

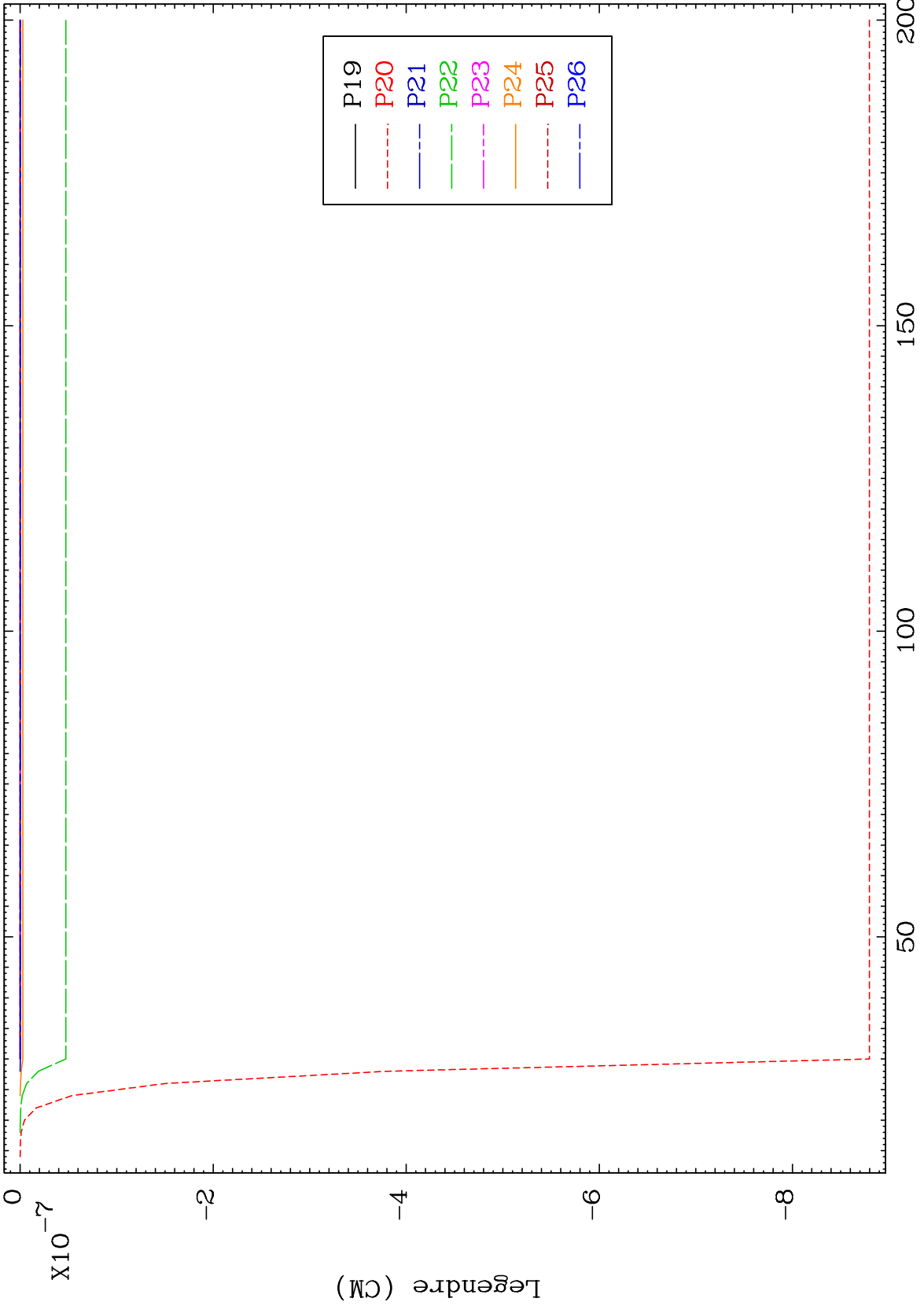


40

Incident Energy (MeV)

46-Pd-102

MAT 4625 MT= 56 (n,n') Level Legendre Coefficients 46-Pd-102

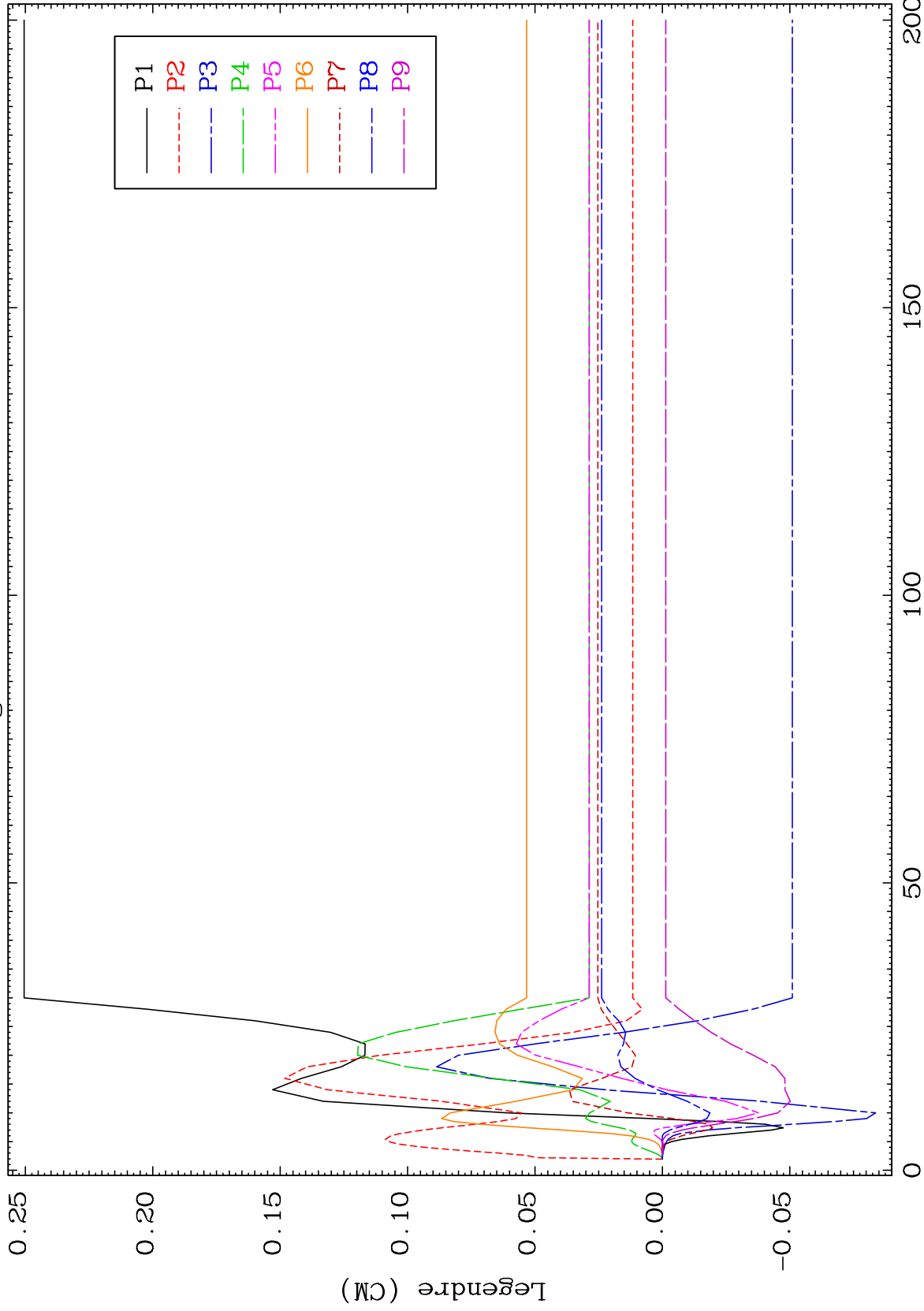


41 46-Pd-102

MAT 4625

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

46-Pd-102



42

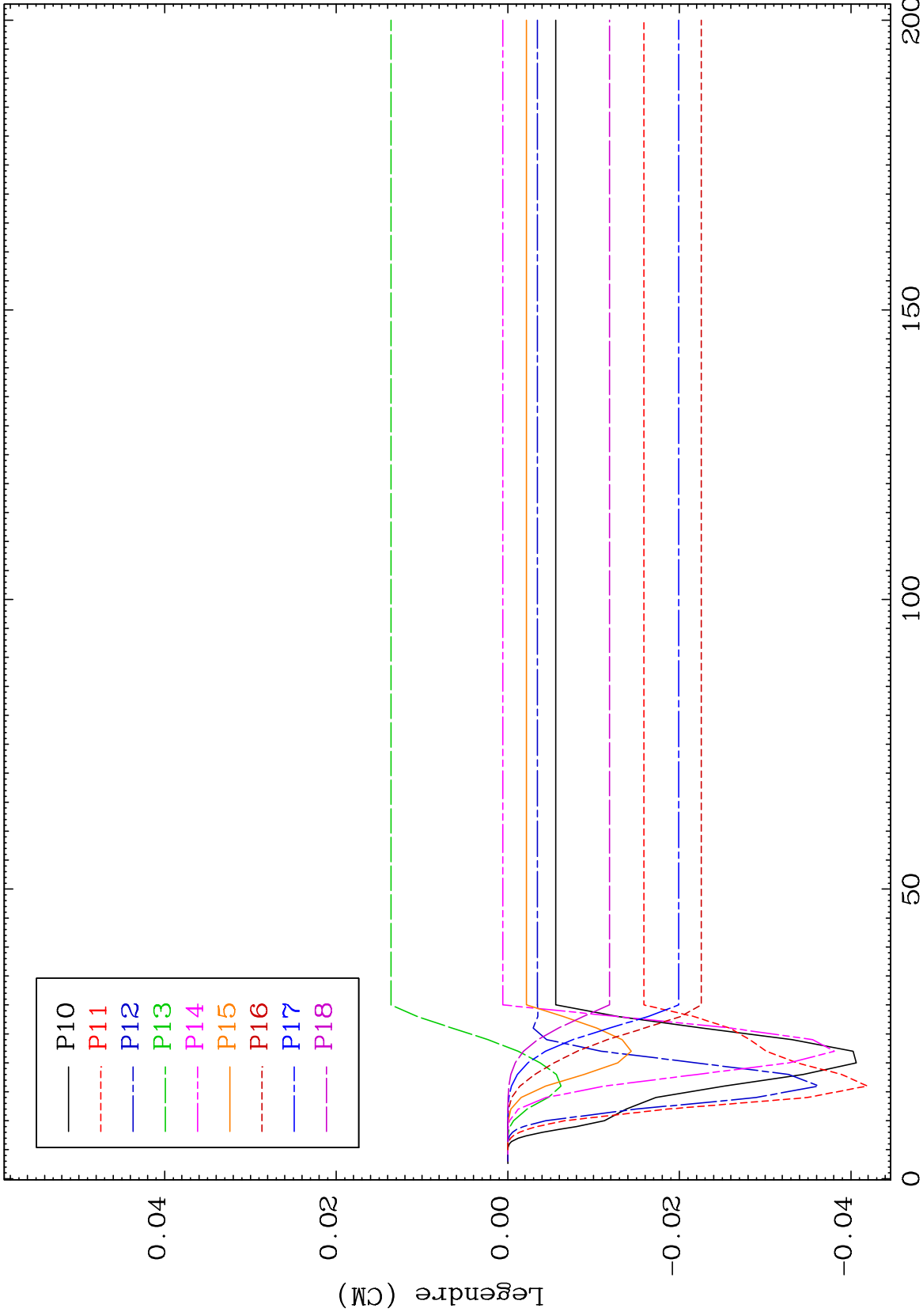
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102

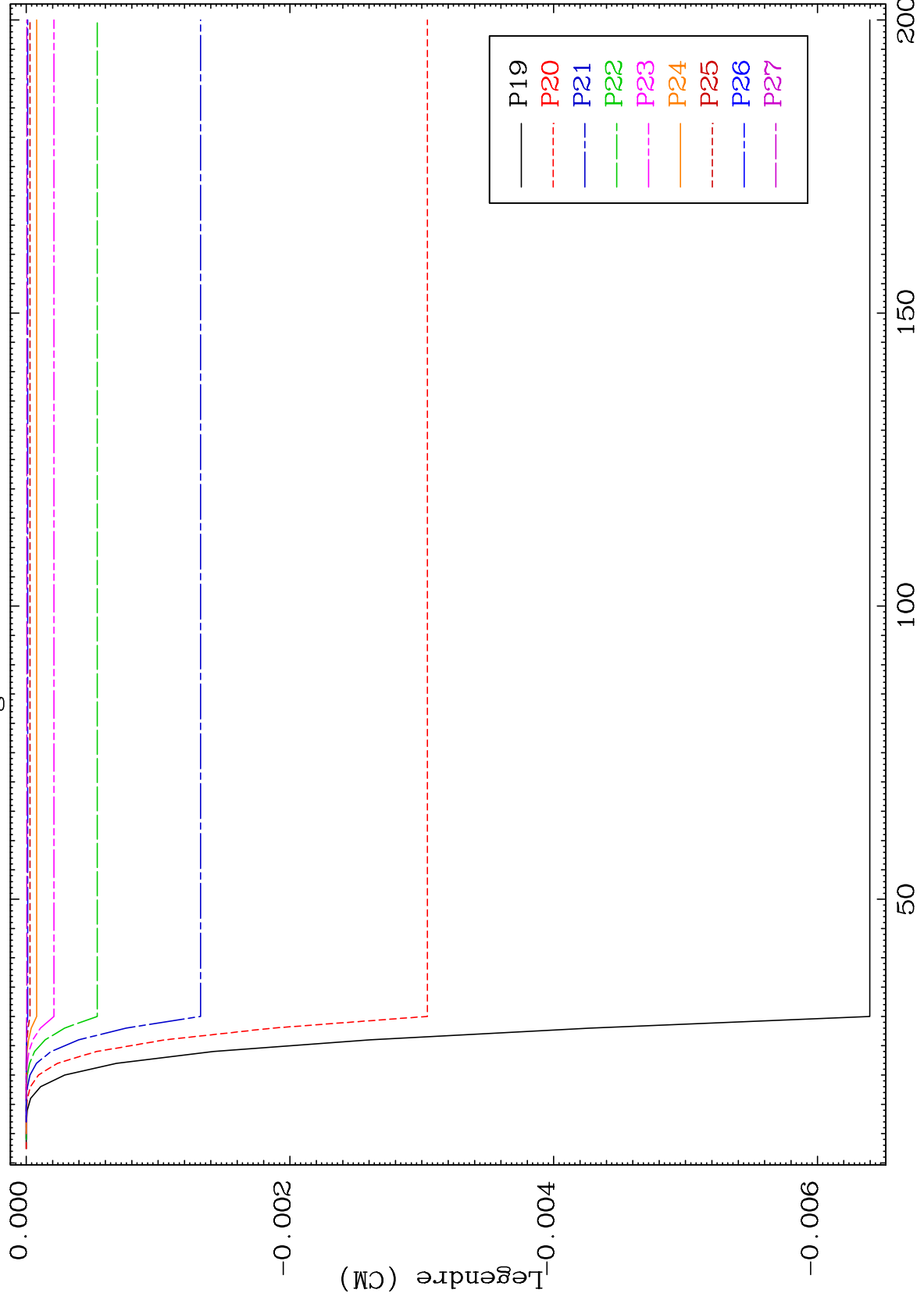


43

Incident Energy (MeV)

46-Pd-102

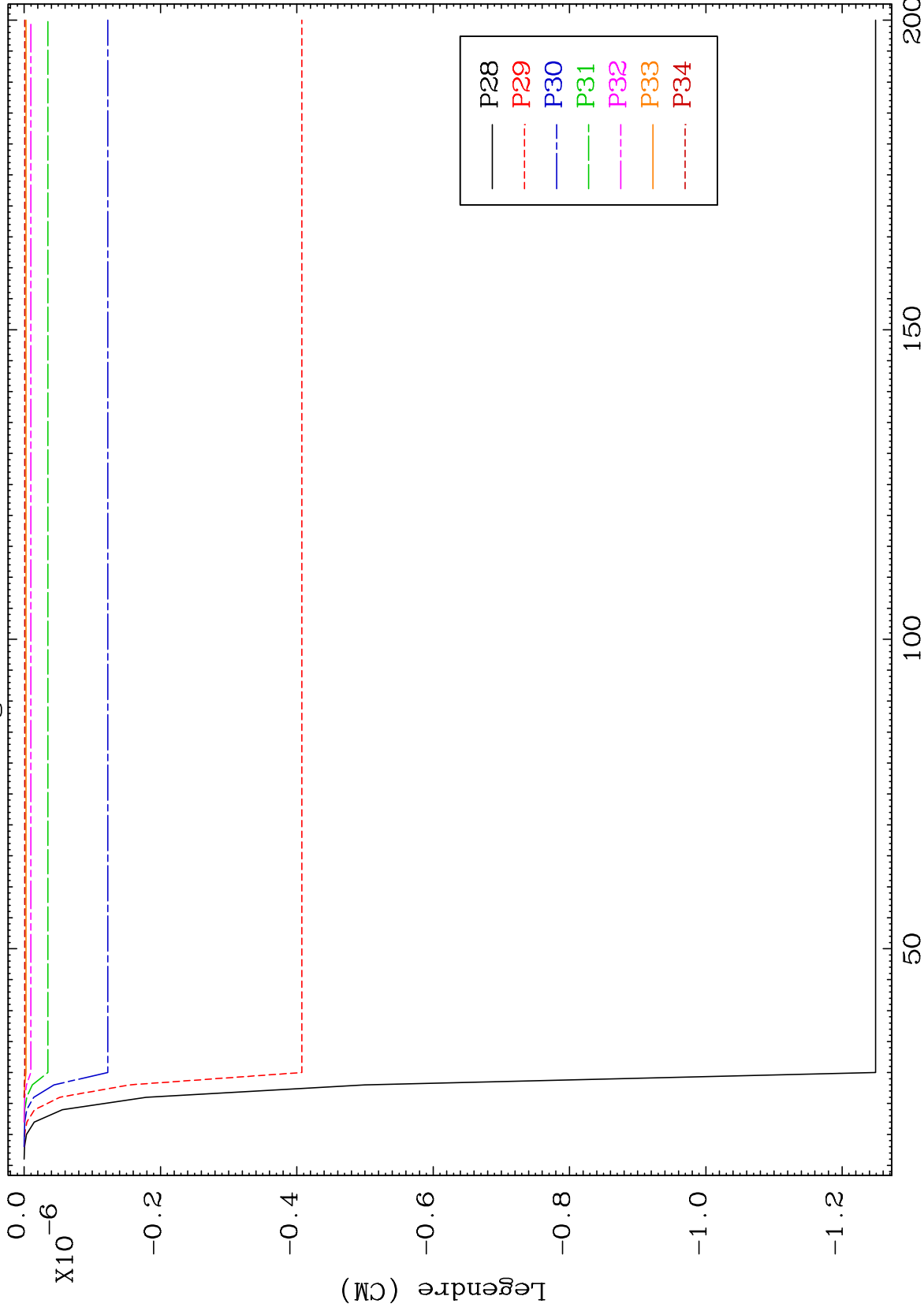
MAT 4625 MT= 57 (n,n') Level Legendre Coefficients 46-Pd-102



MAT 4625

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

46-Pd-102



46-Pd-102

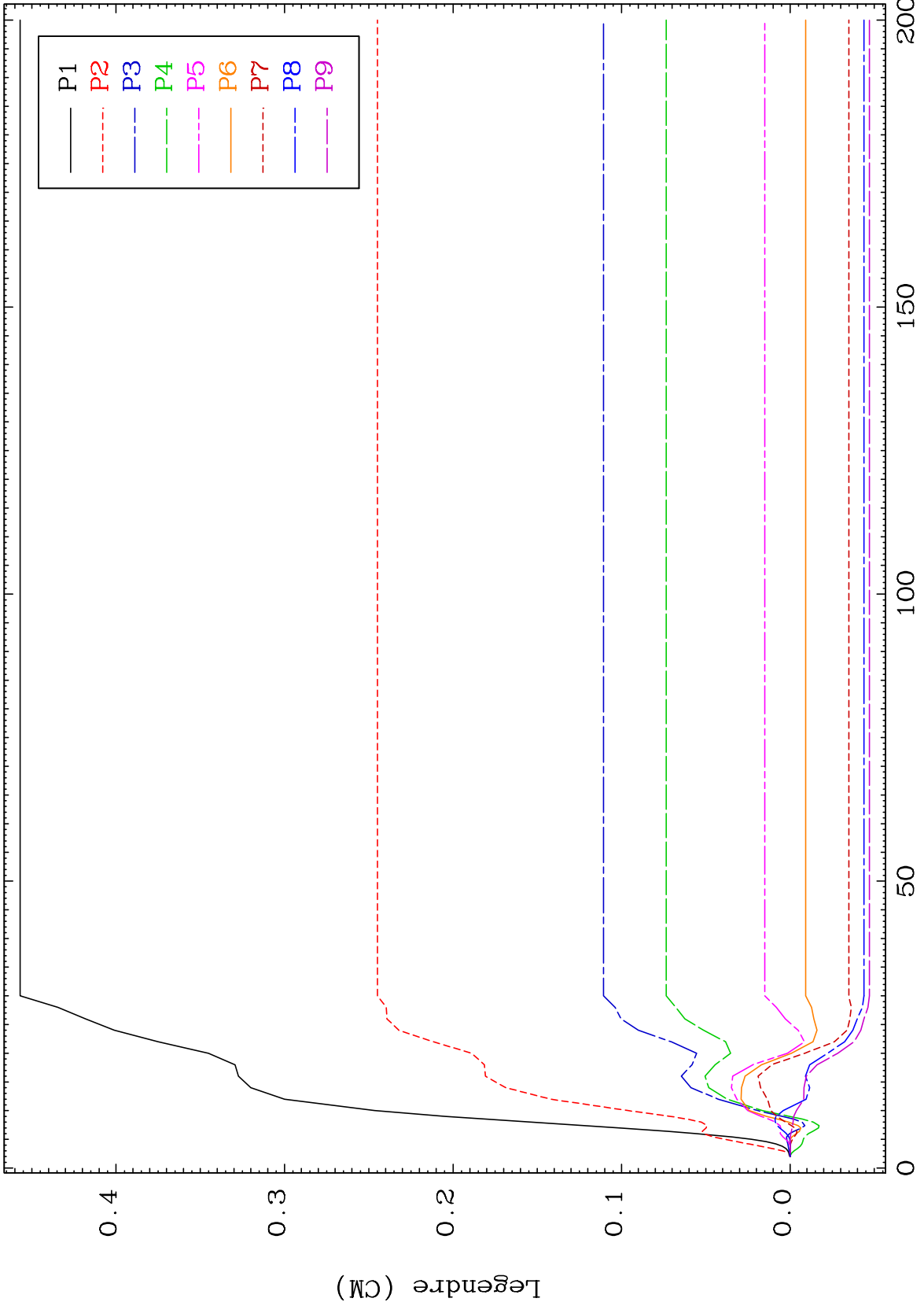
Incident Energy (MeV)

45

MAT 4625

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

46-Pd-102



46

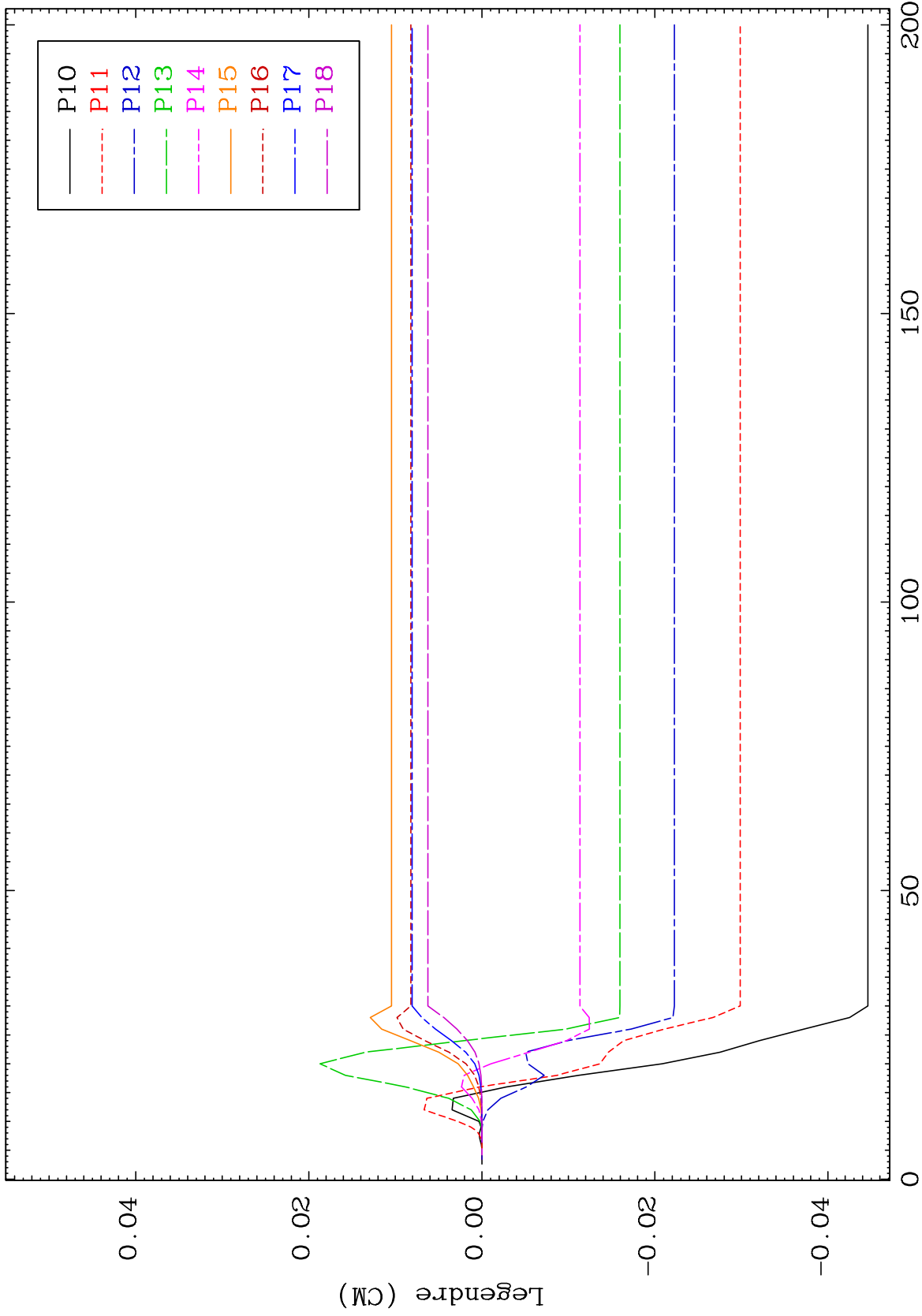
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



47

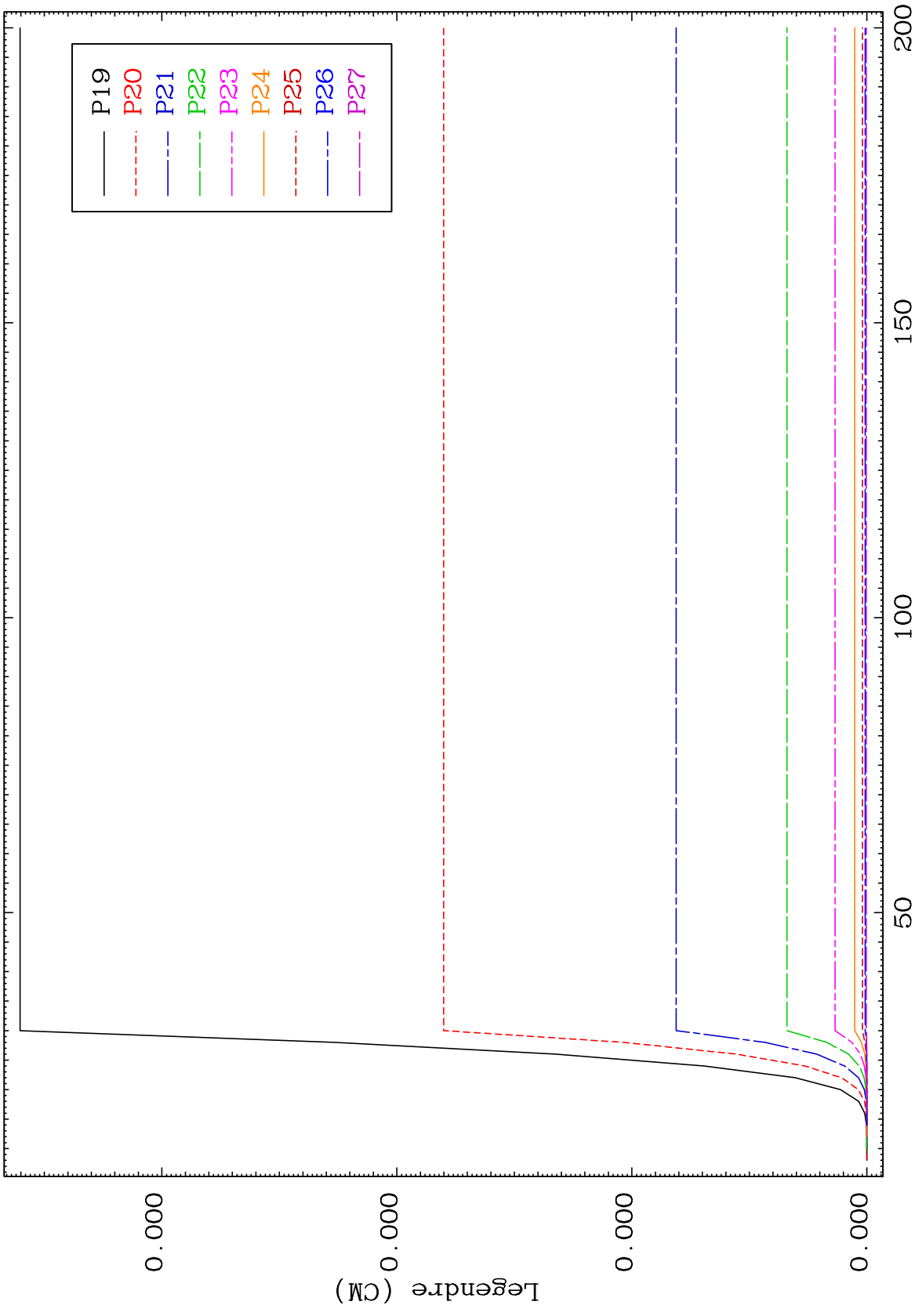
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



48

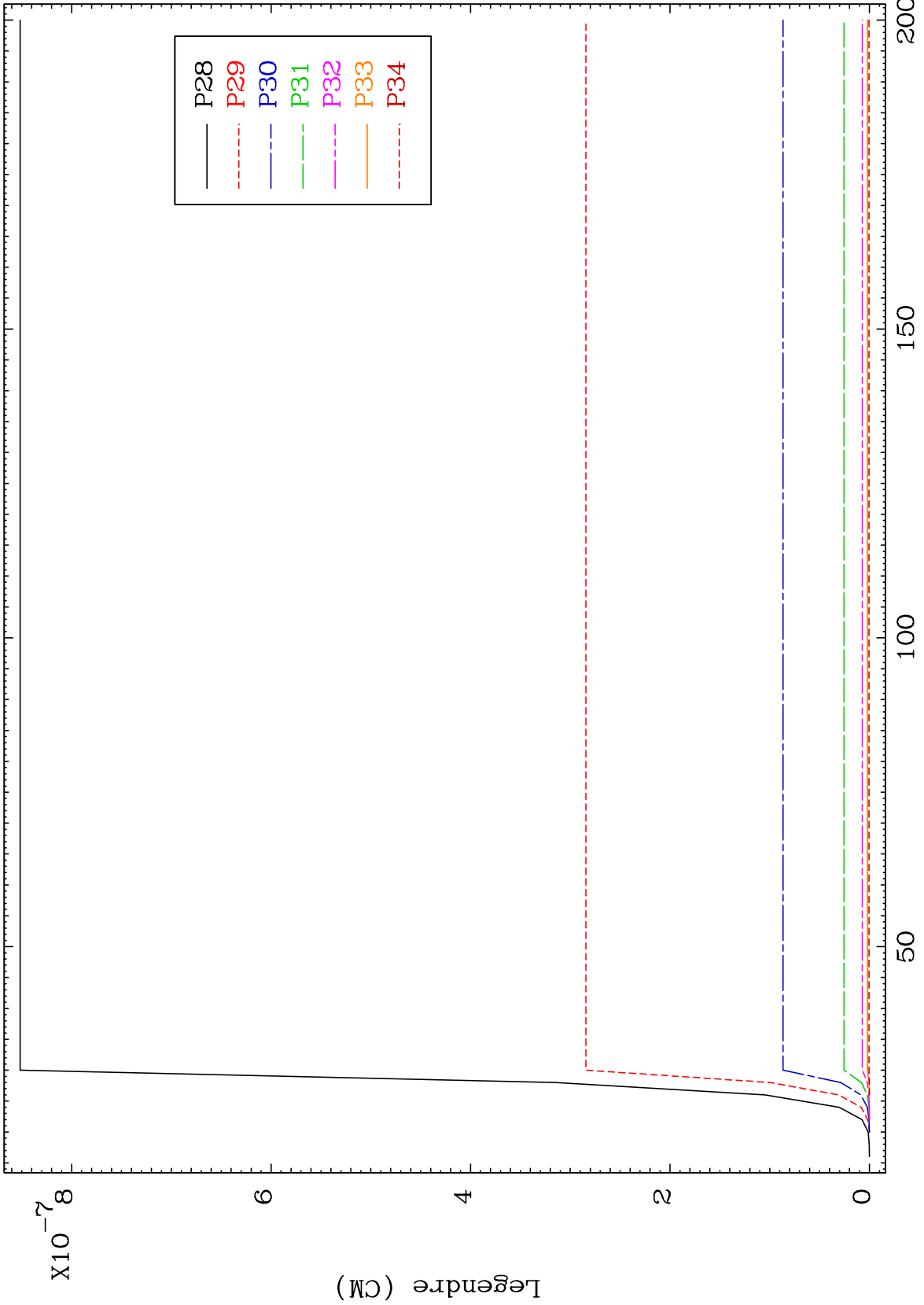
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



49

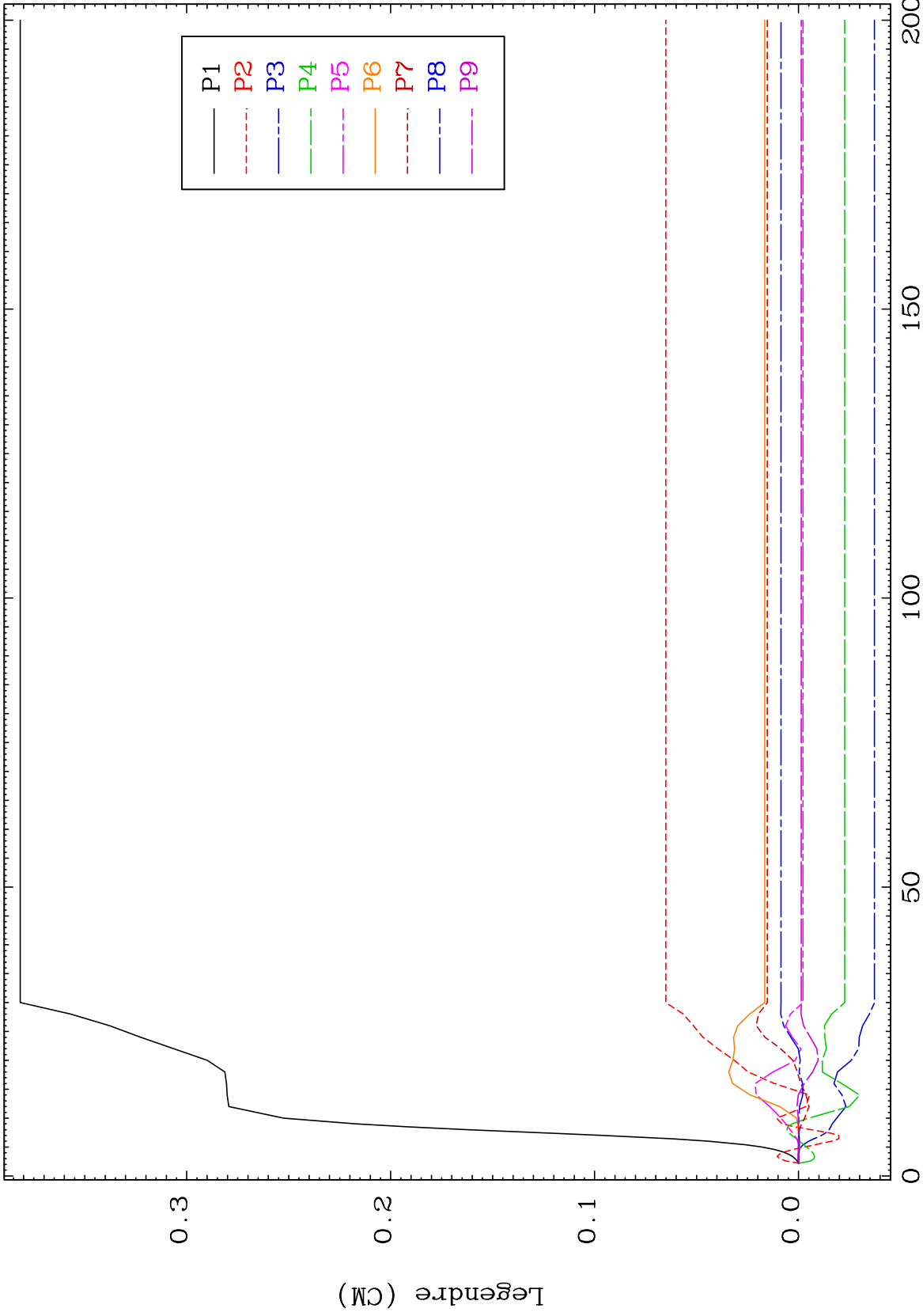
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



50

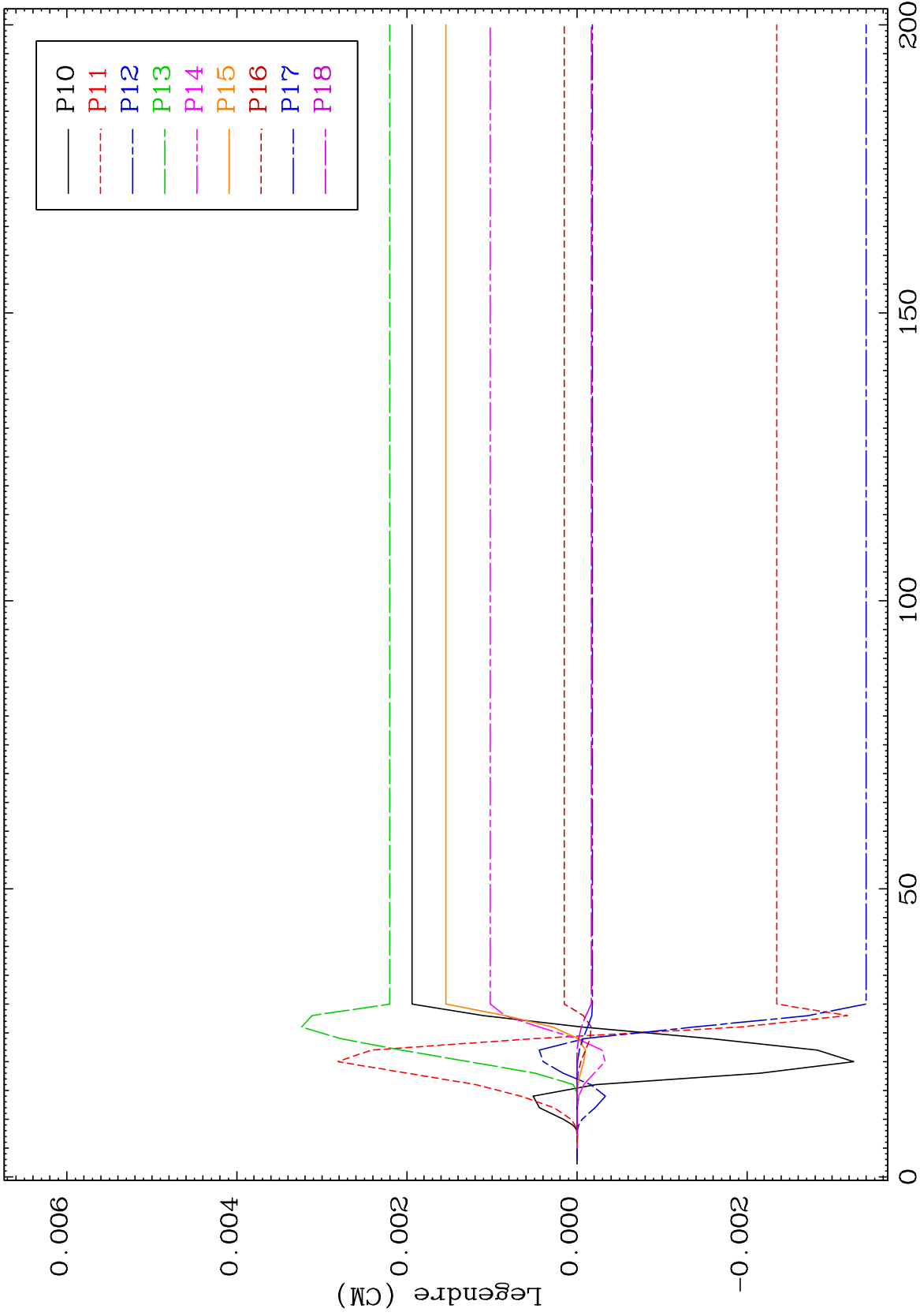
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



51

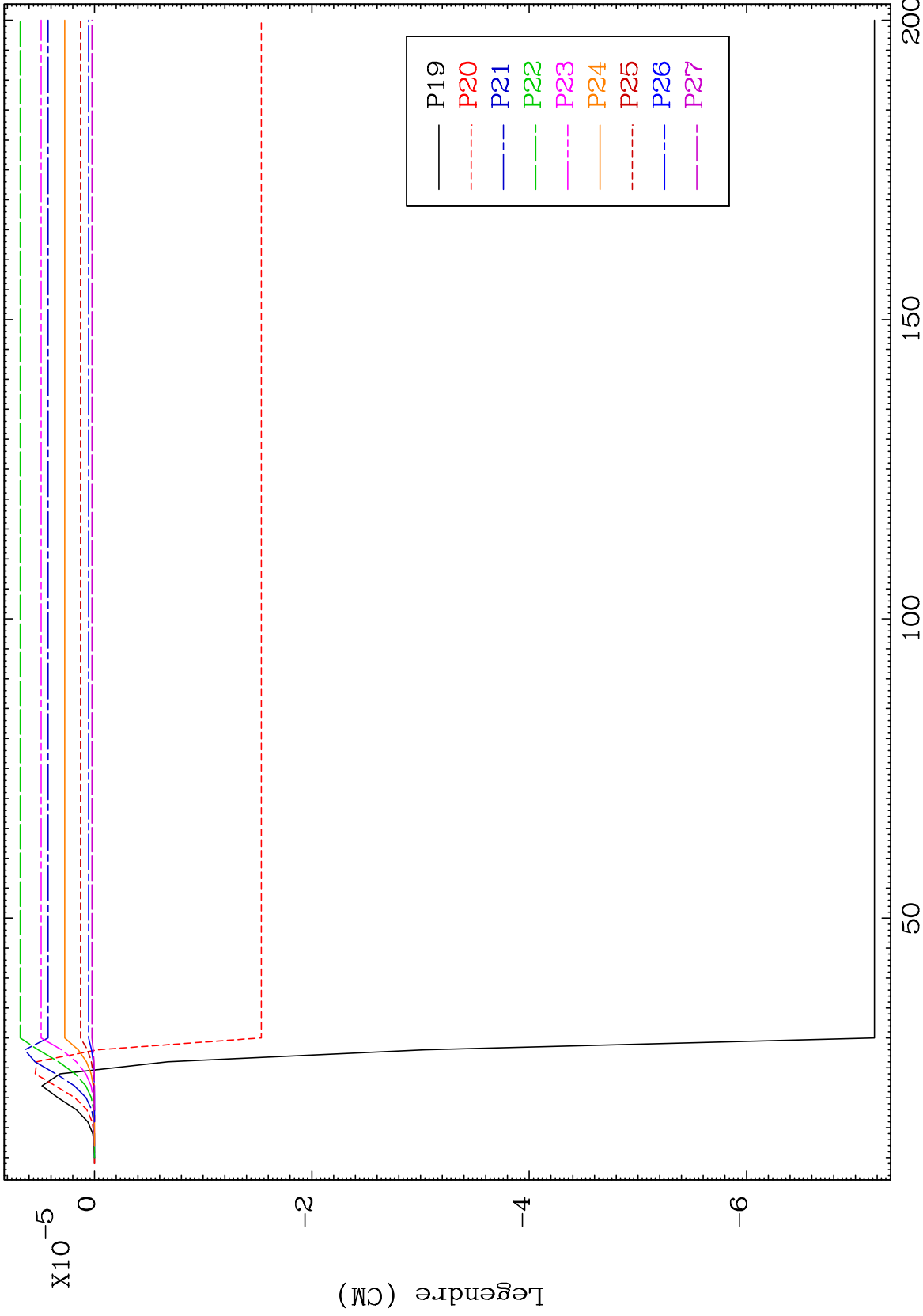
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



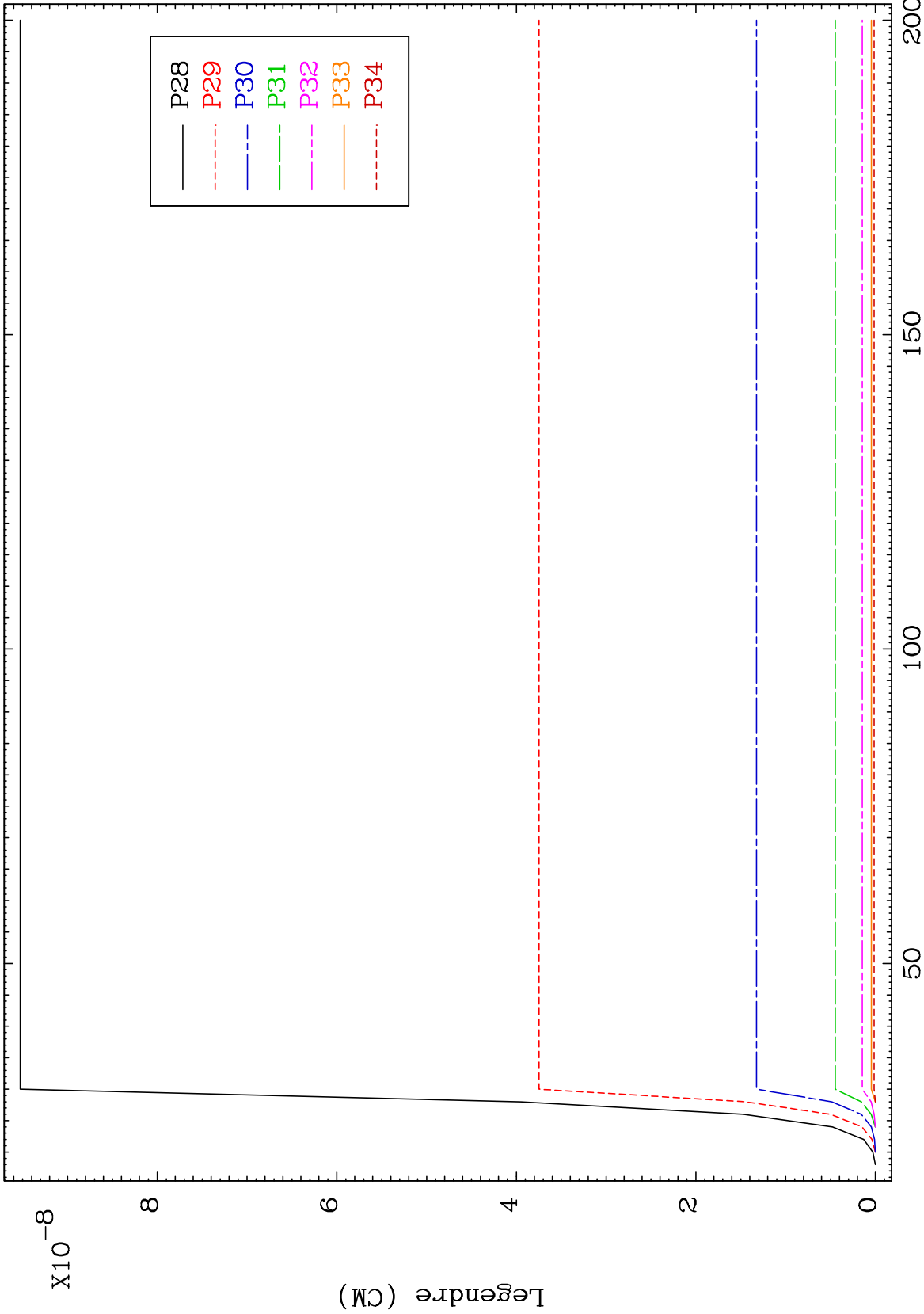
52

46-Pd-102

MAT 4625

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

46-Pd-102

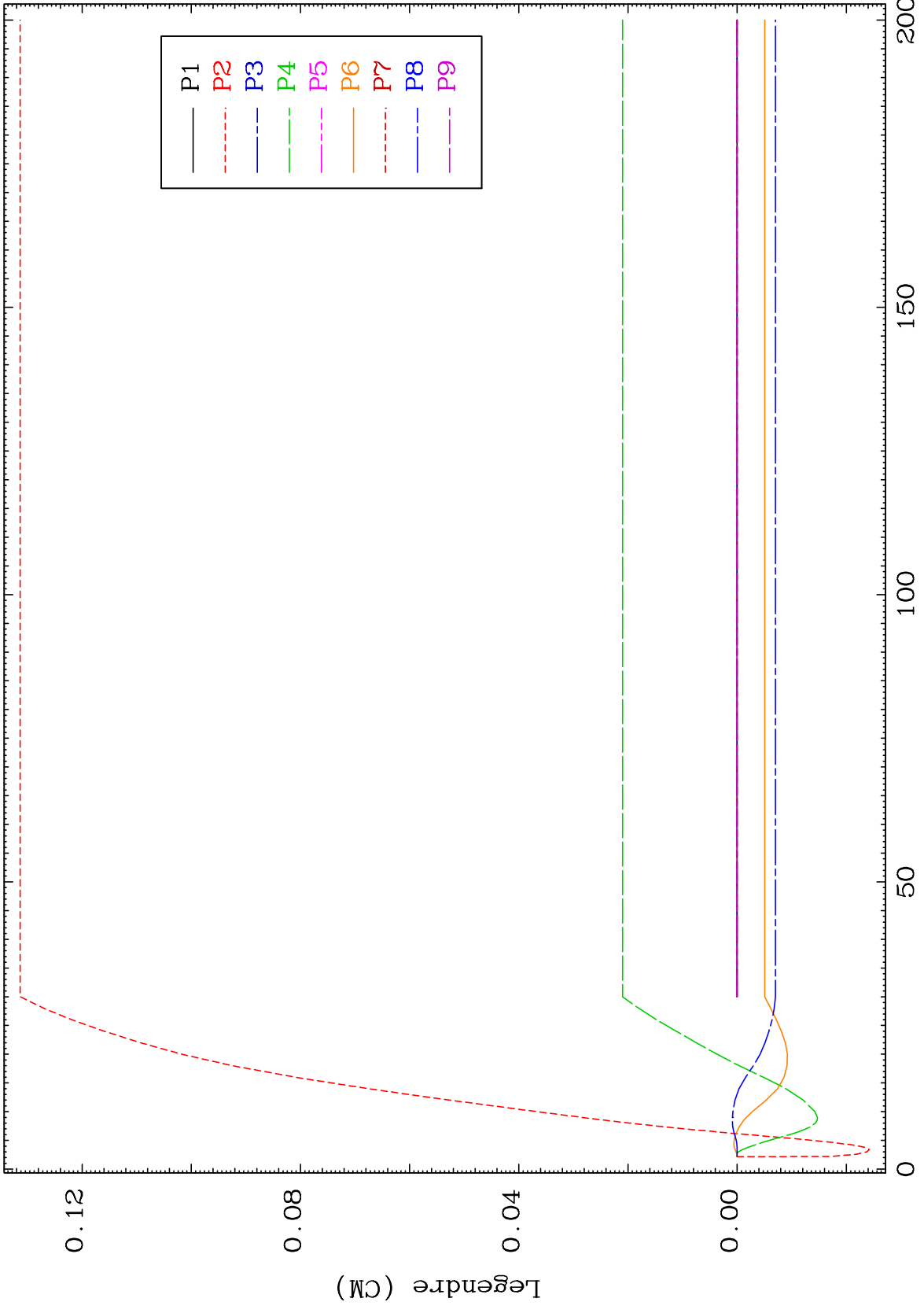


53

Incident Energy (MeV)

46-Pd-102

MAT 4625 MT= 60 (n,n') Level Legendre Coefficients 46-Pd-102

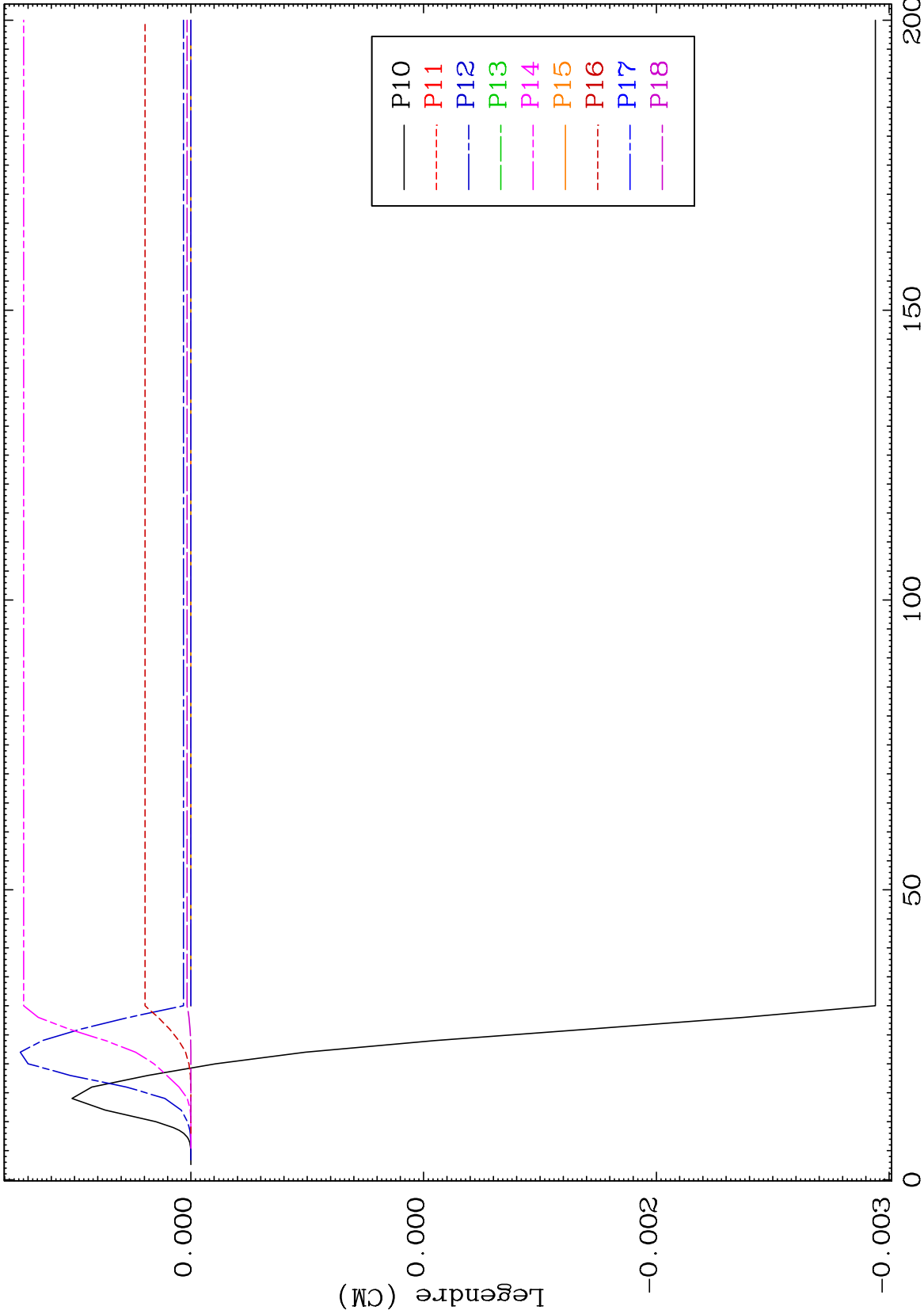


54 46-Pd-102

MAT 4625

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

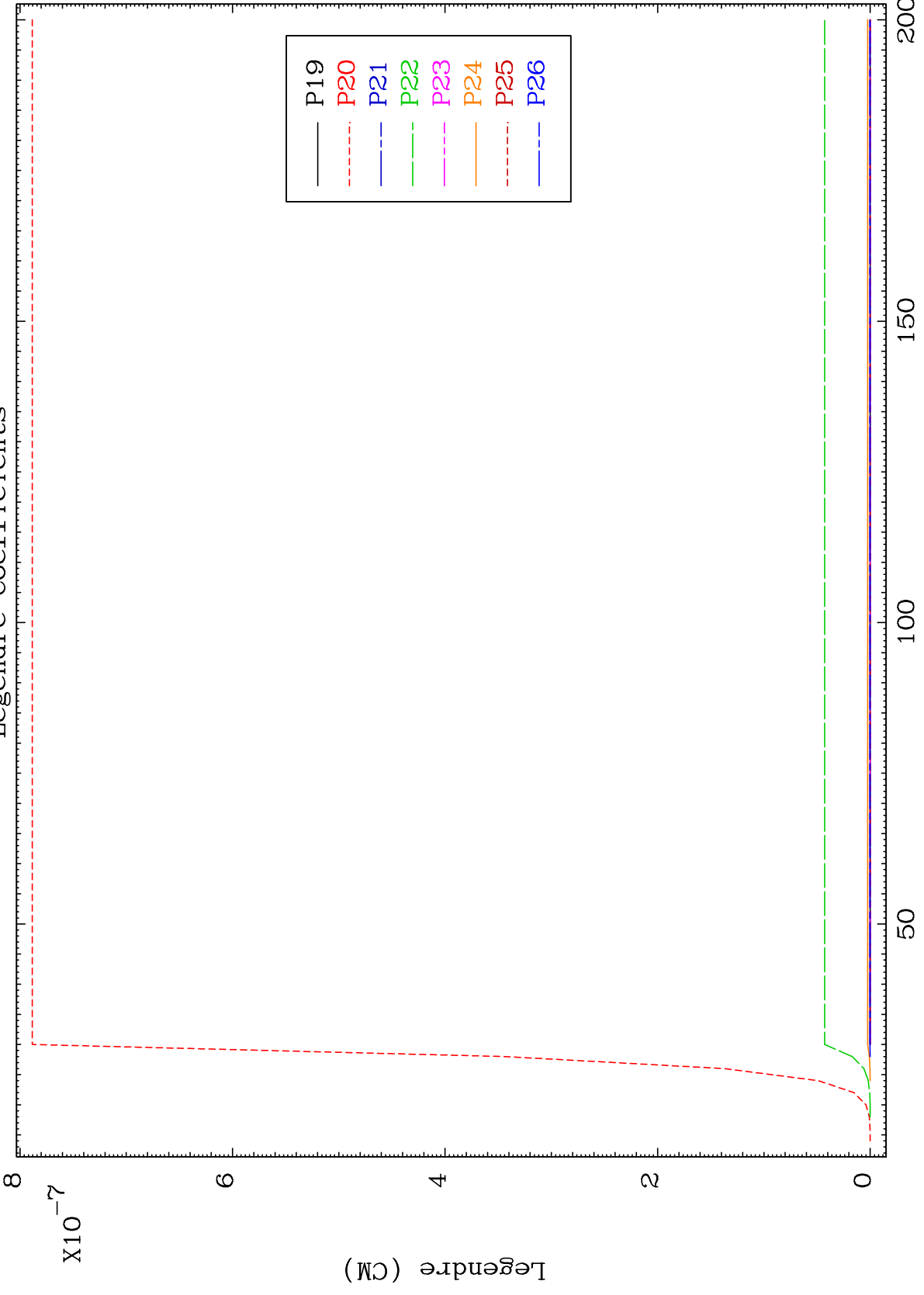
46-Pd-102



55

46-Pd-102

MAT 4625 MT= 60 (n,n') Level Legendre Coefficients 46-Pd-102

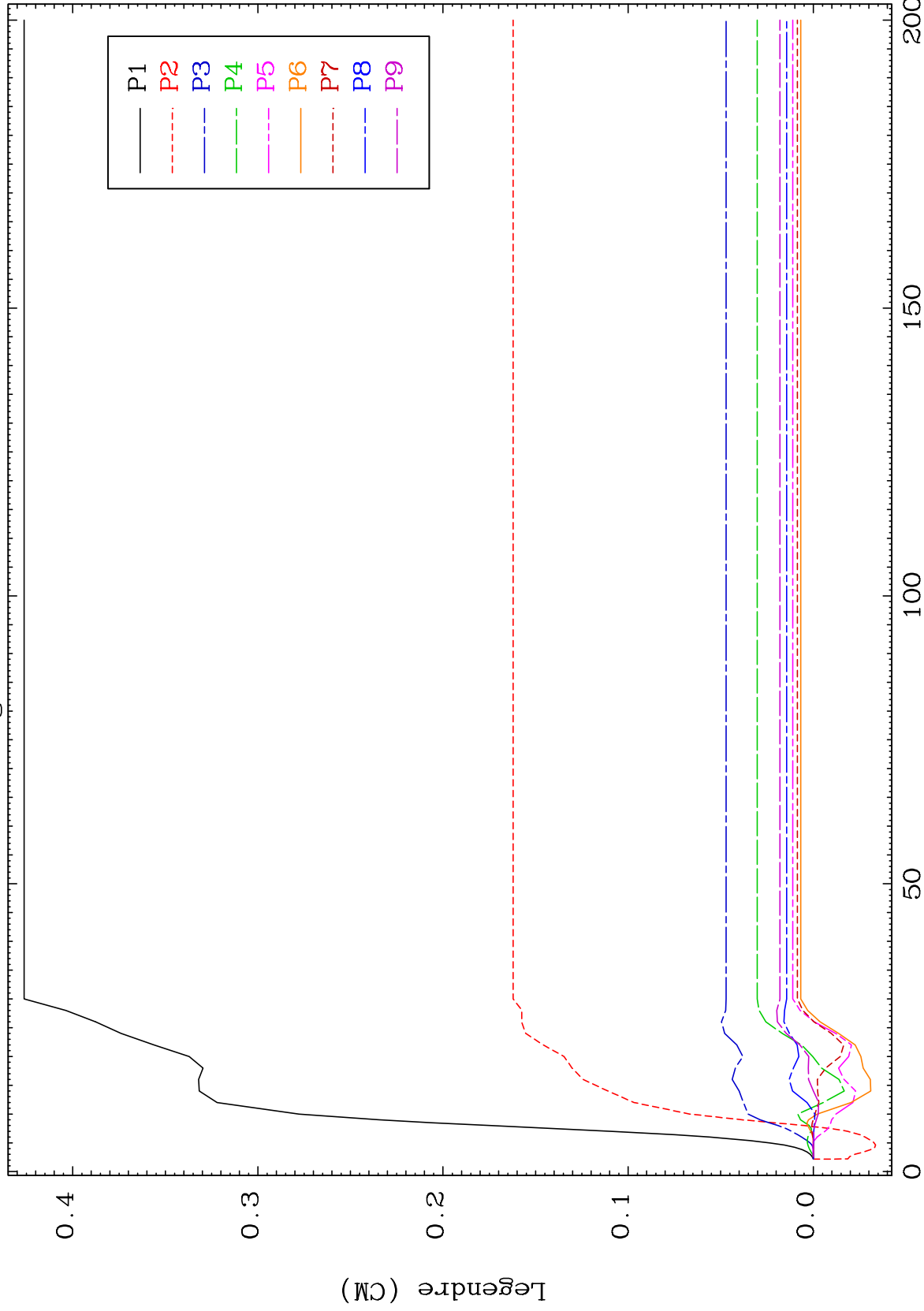


56 Incident Energy (MeV) 46-Pd-102

MAT 4625

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

46-Pd-102



57

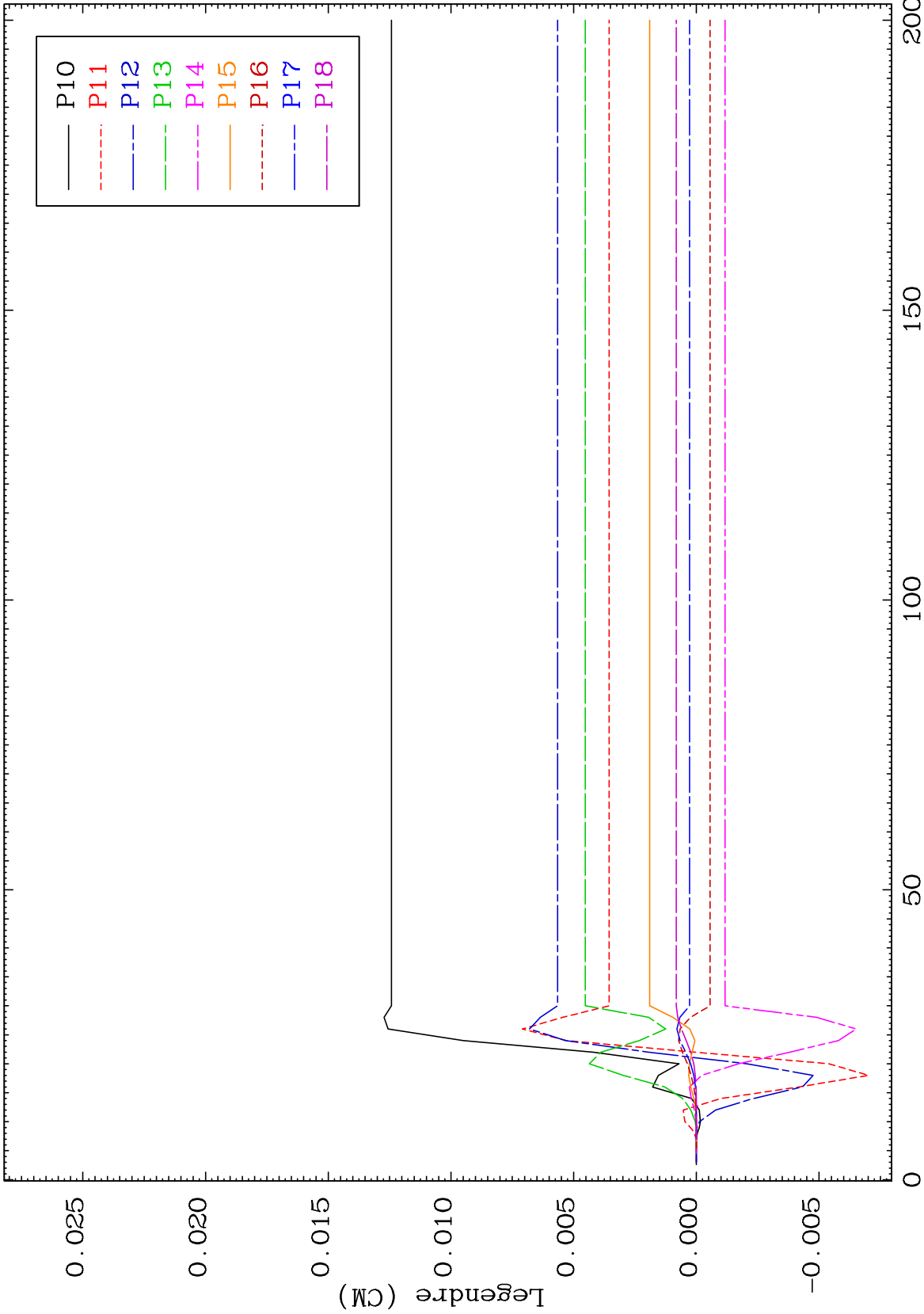
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



58

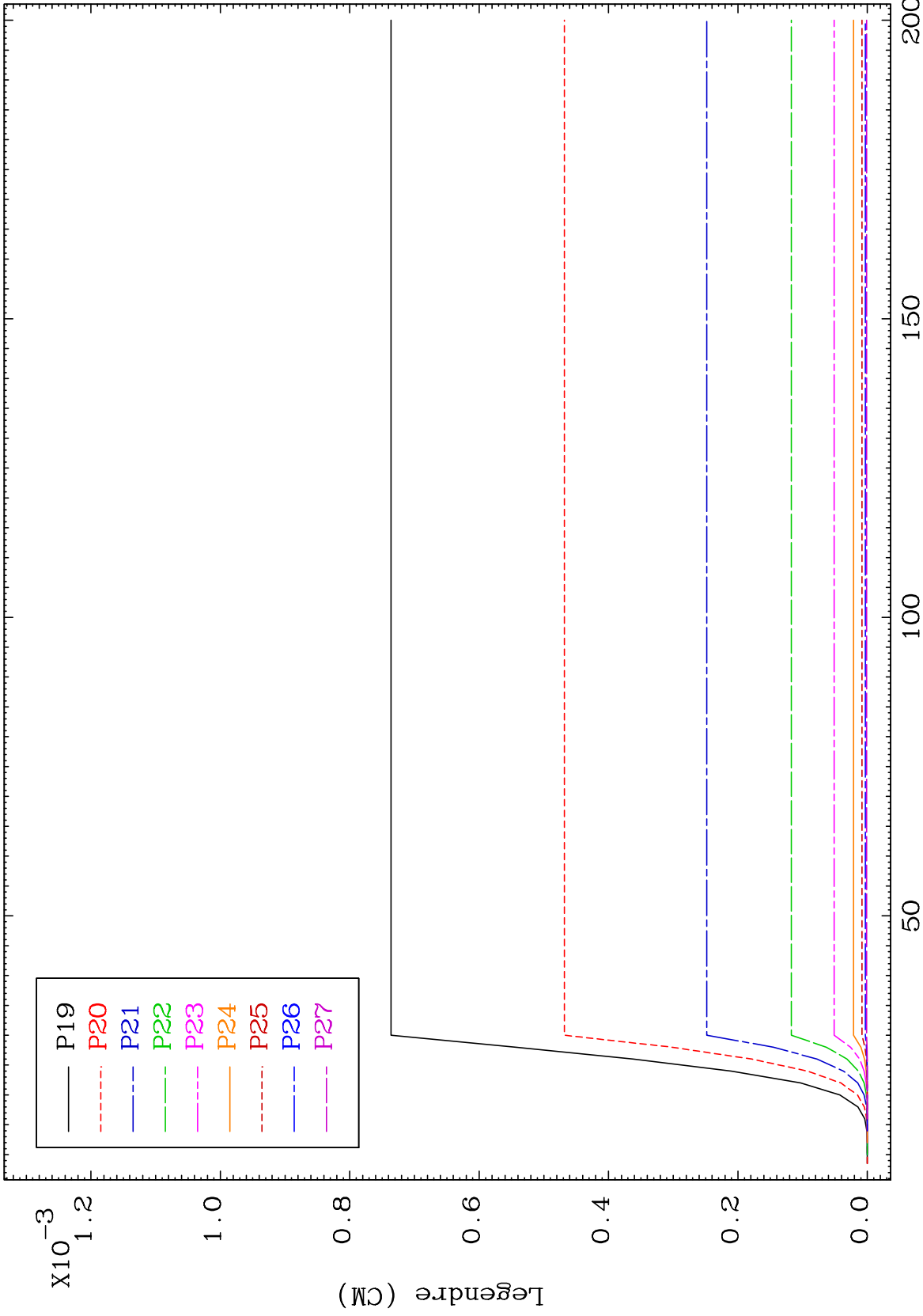
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



59

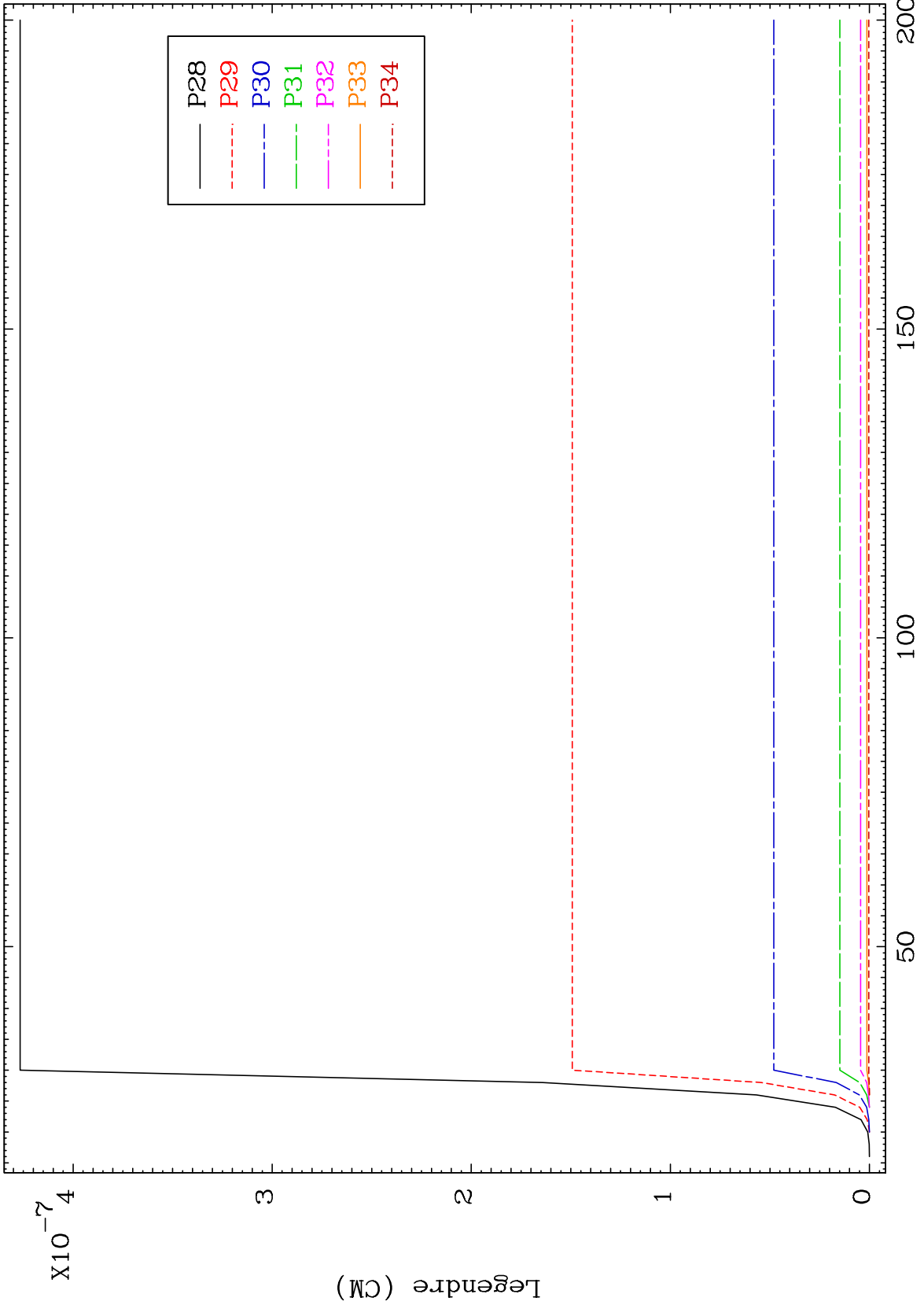
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



60

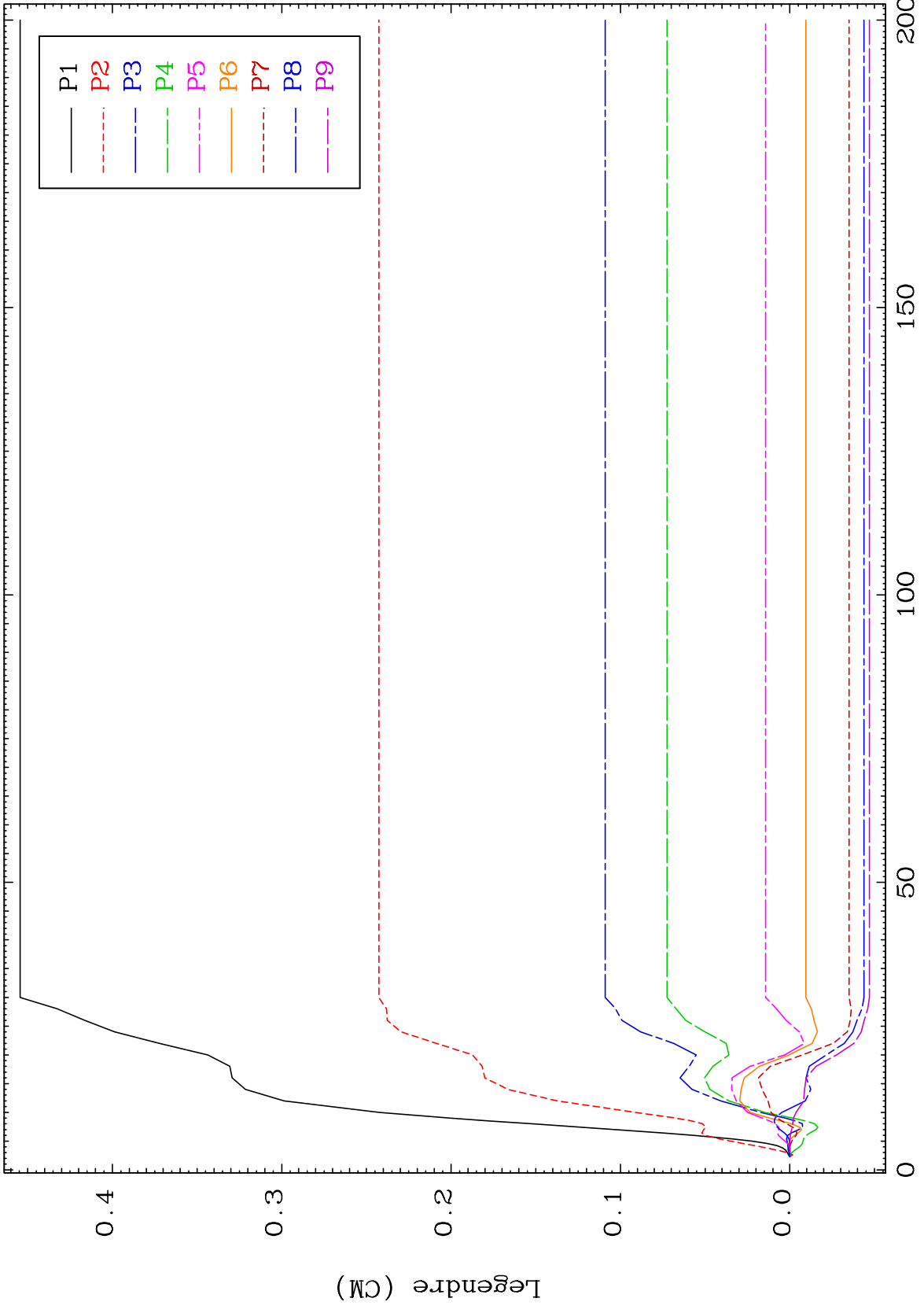
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



61

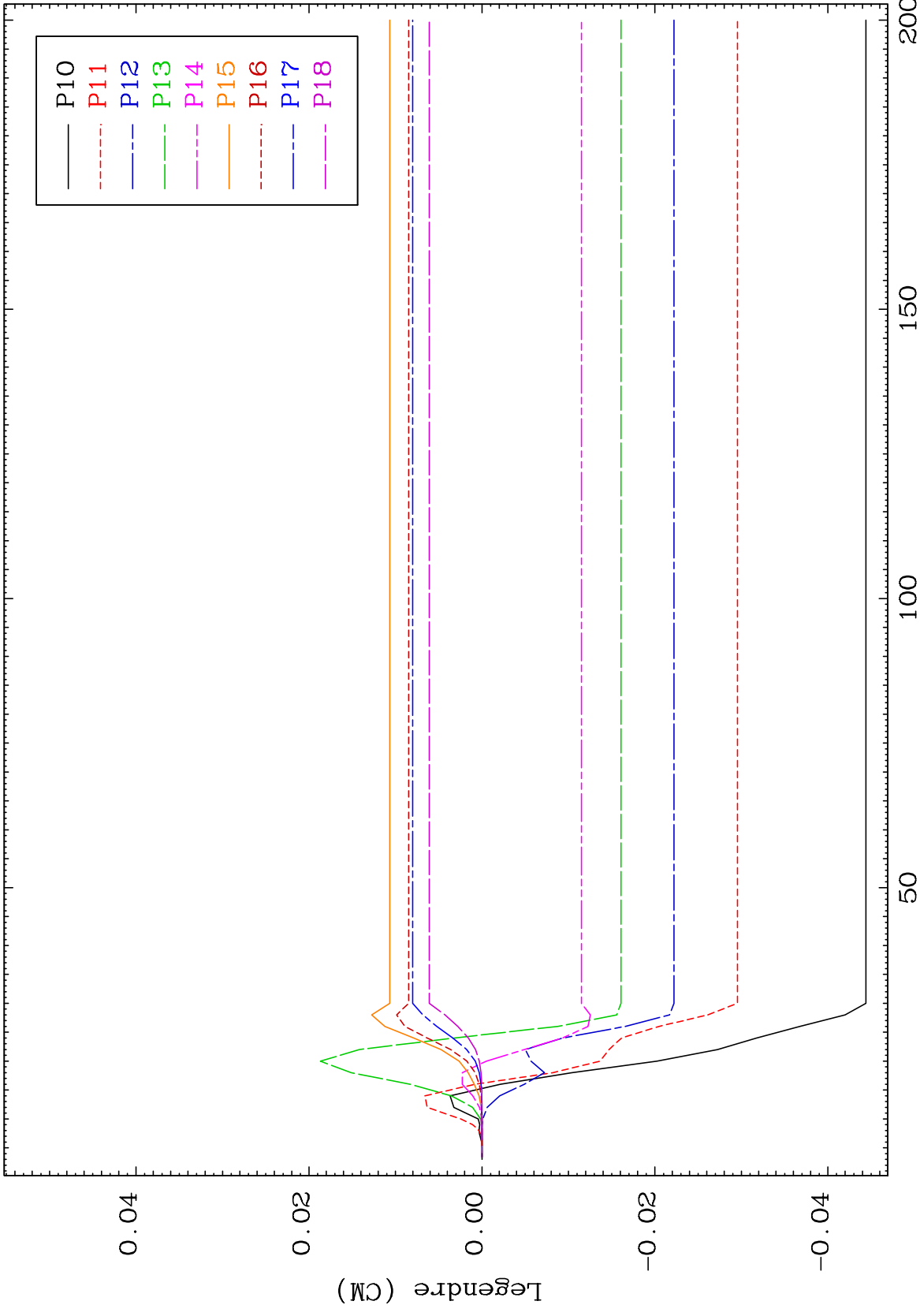
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



62

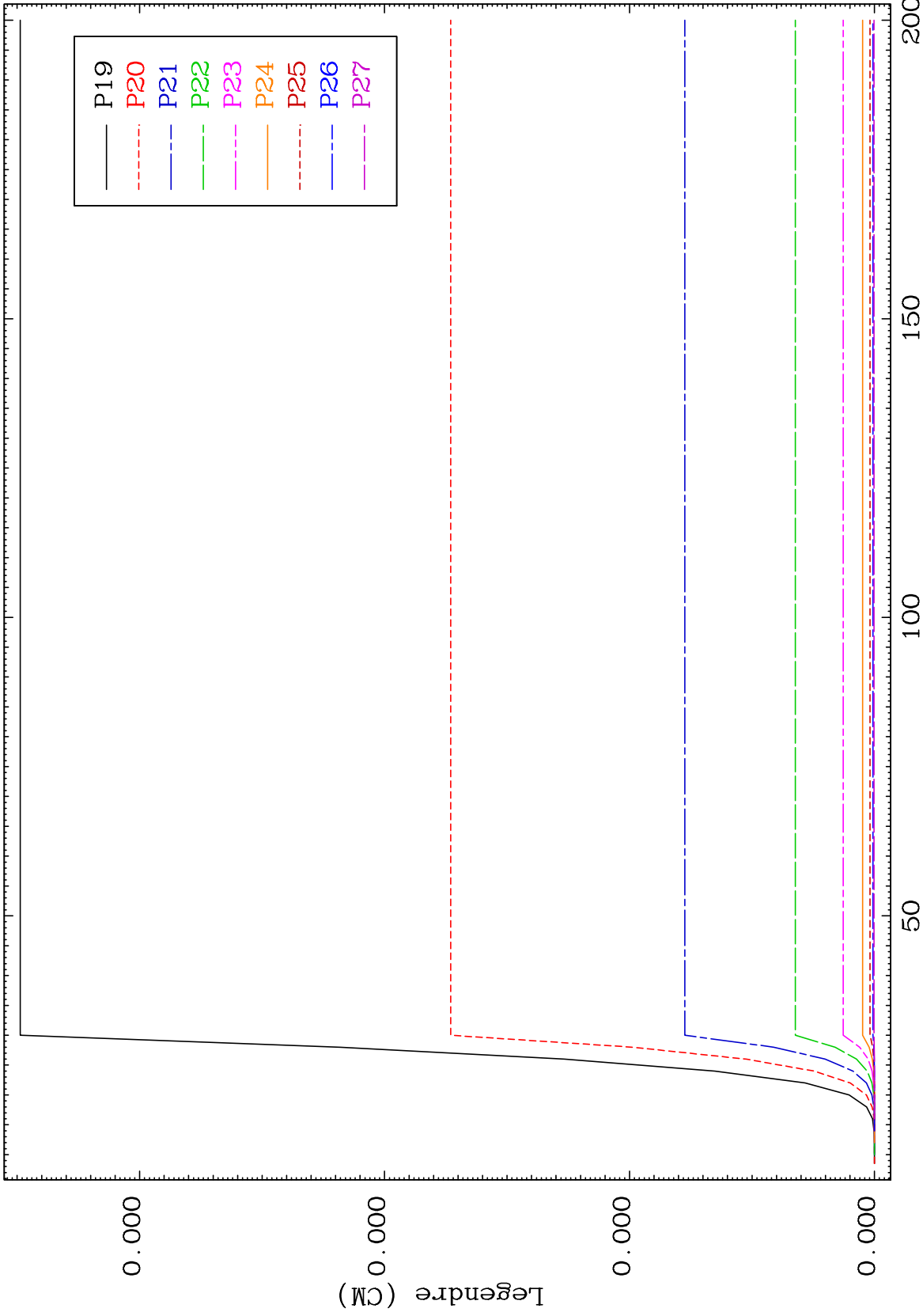
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



63

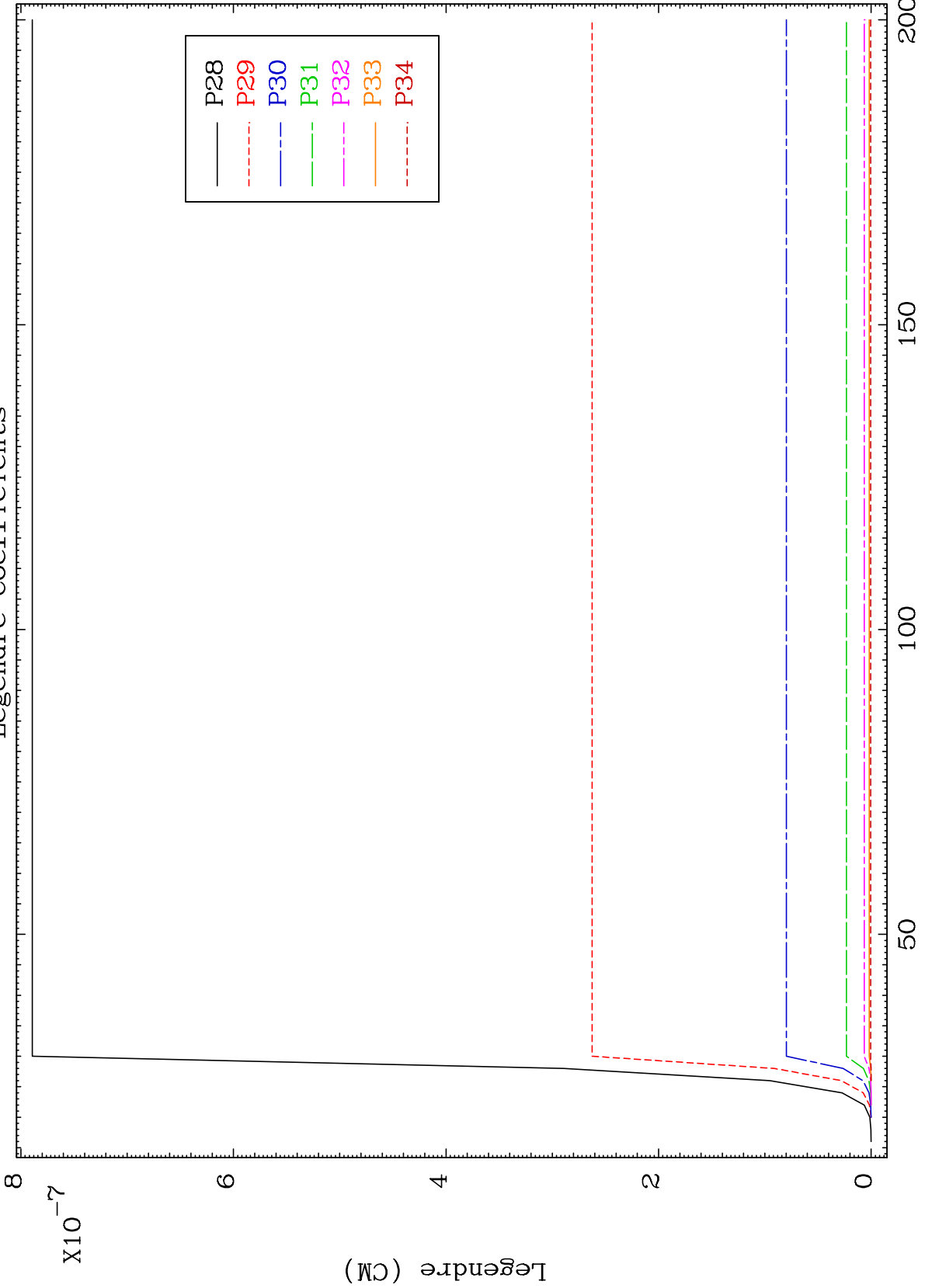
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



64

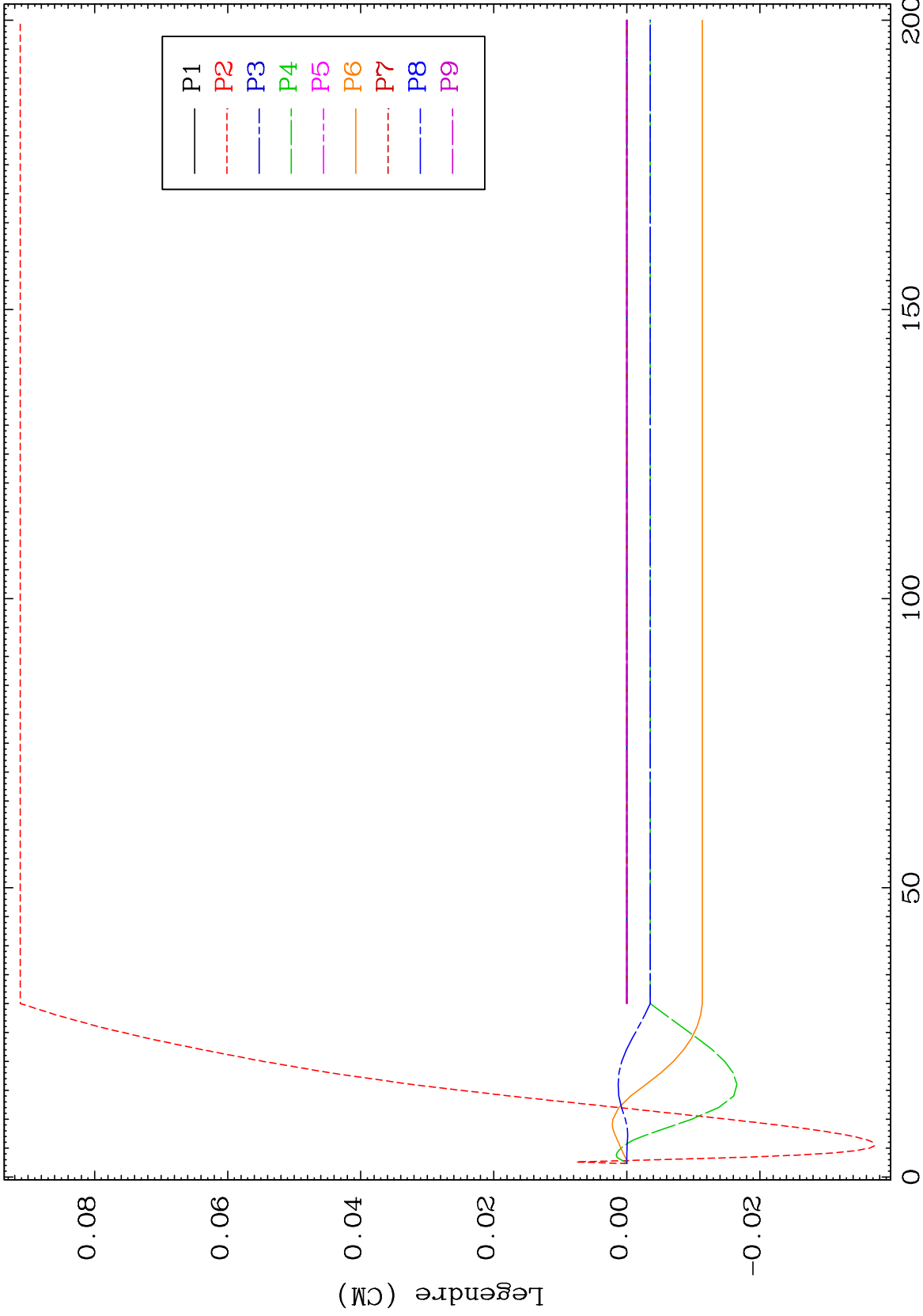
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



65

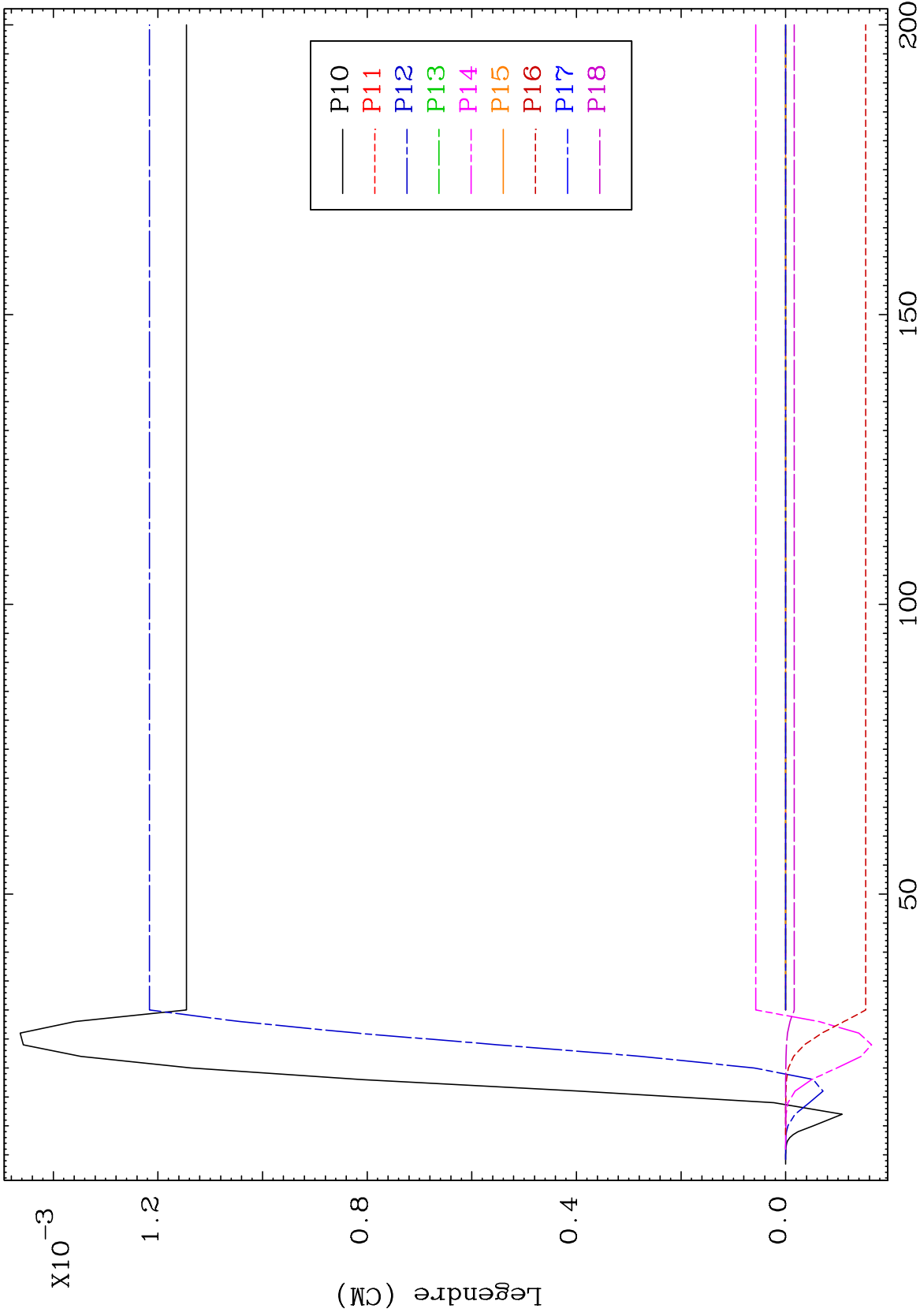
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



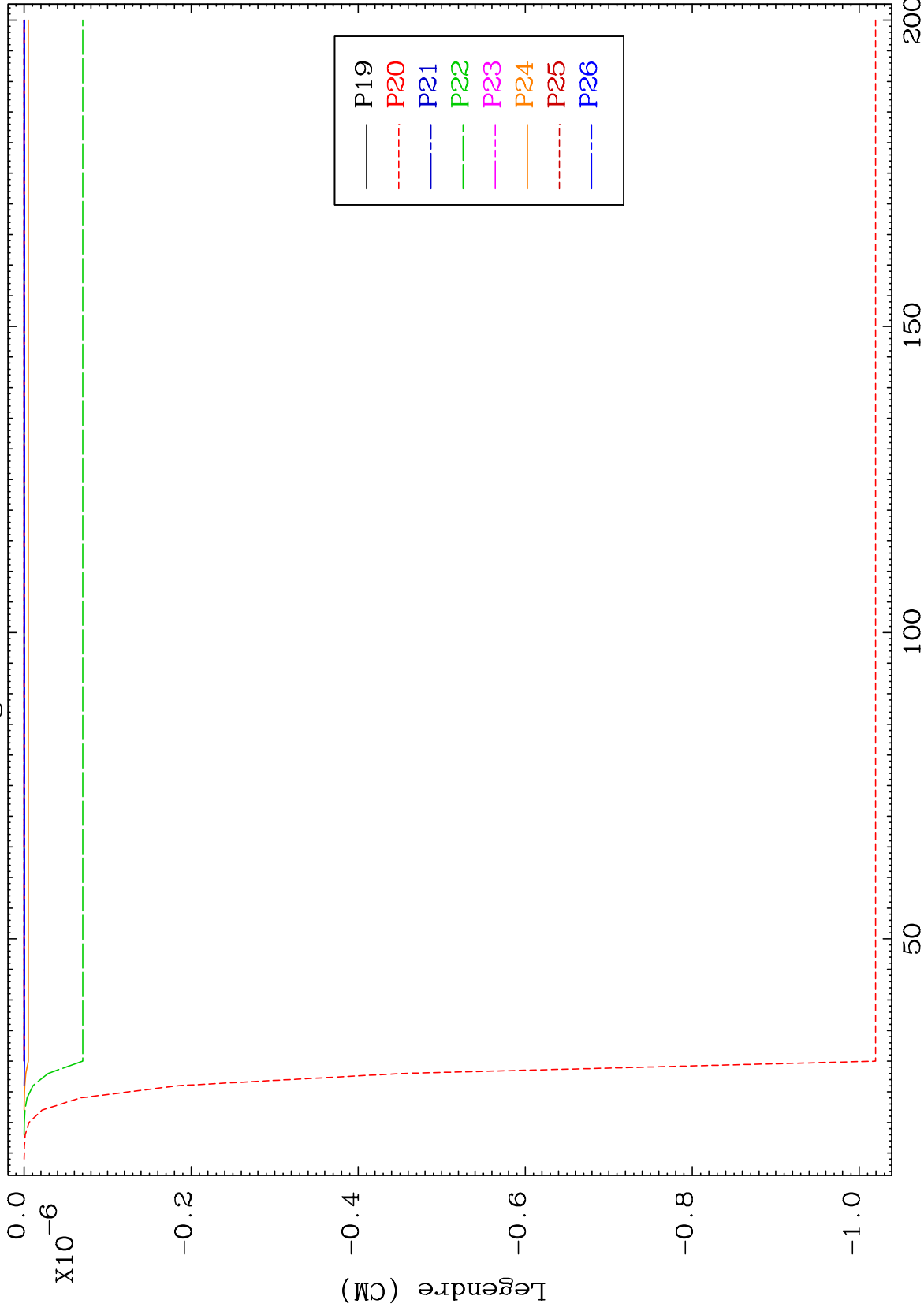
66

46-Pd-102

MAT 4625

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

46-Pd-102



67

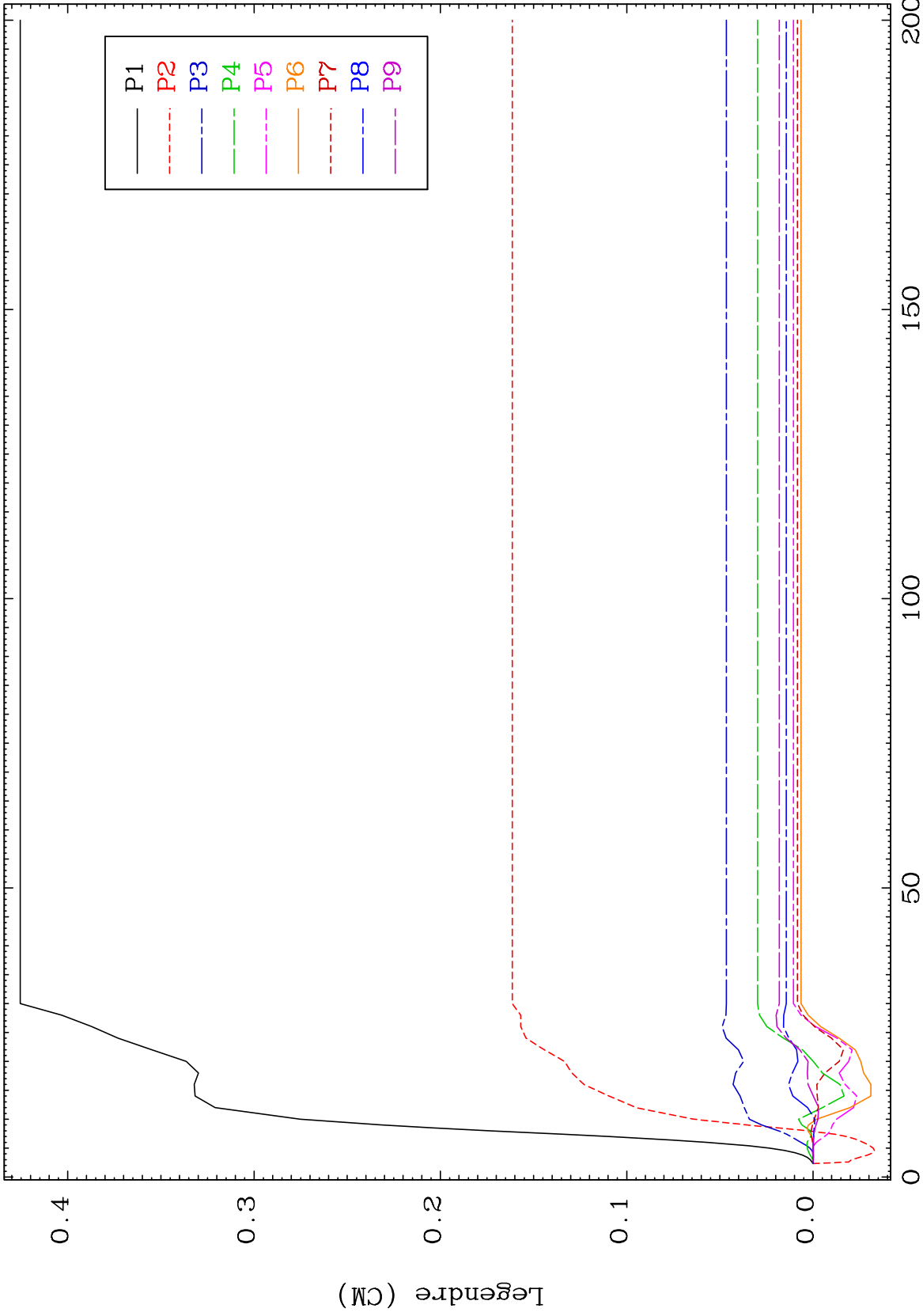
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



68

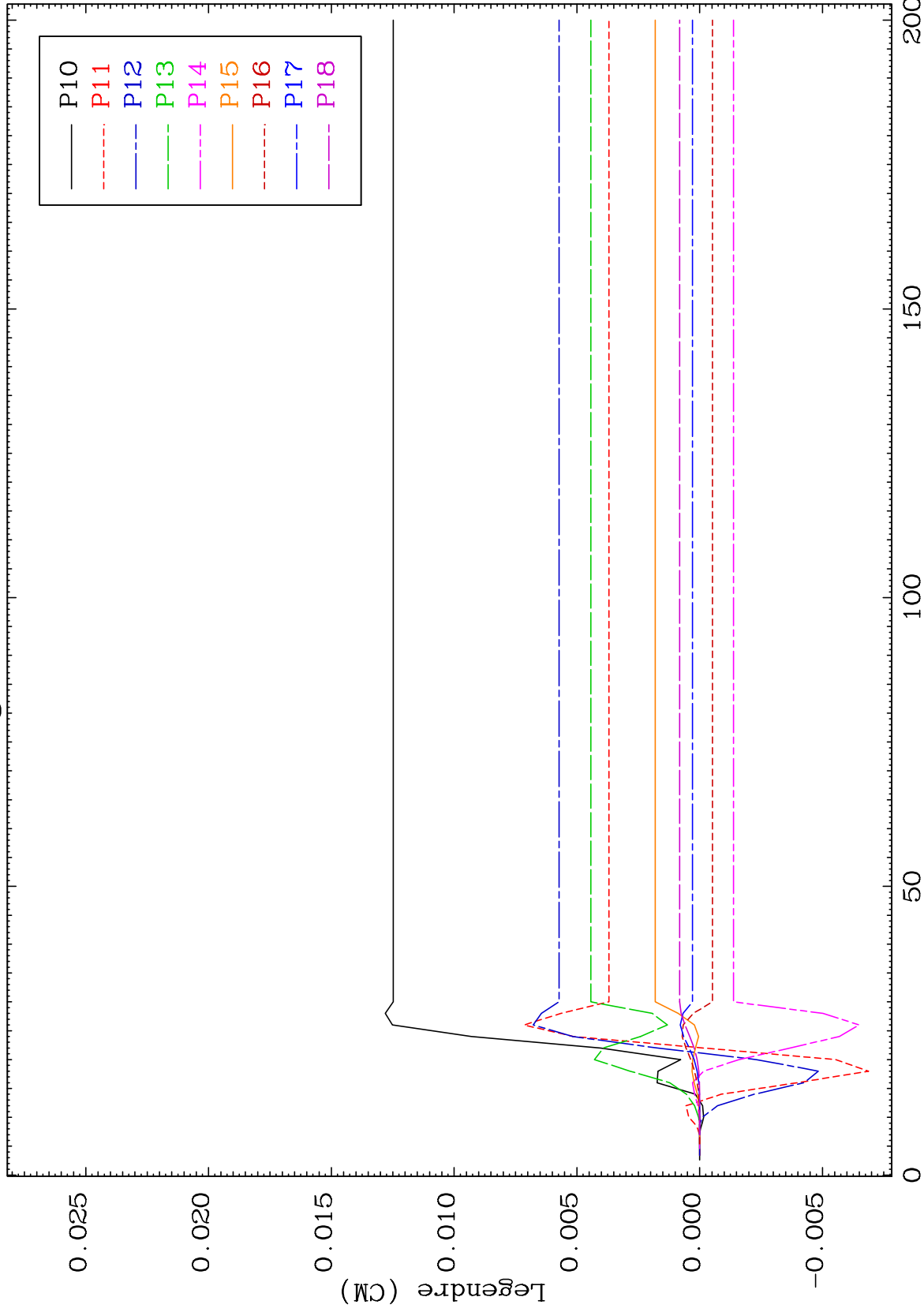
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



69

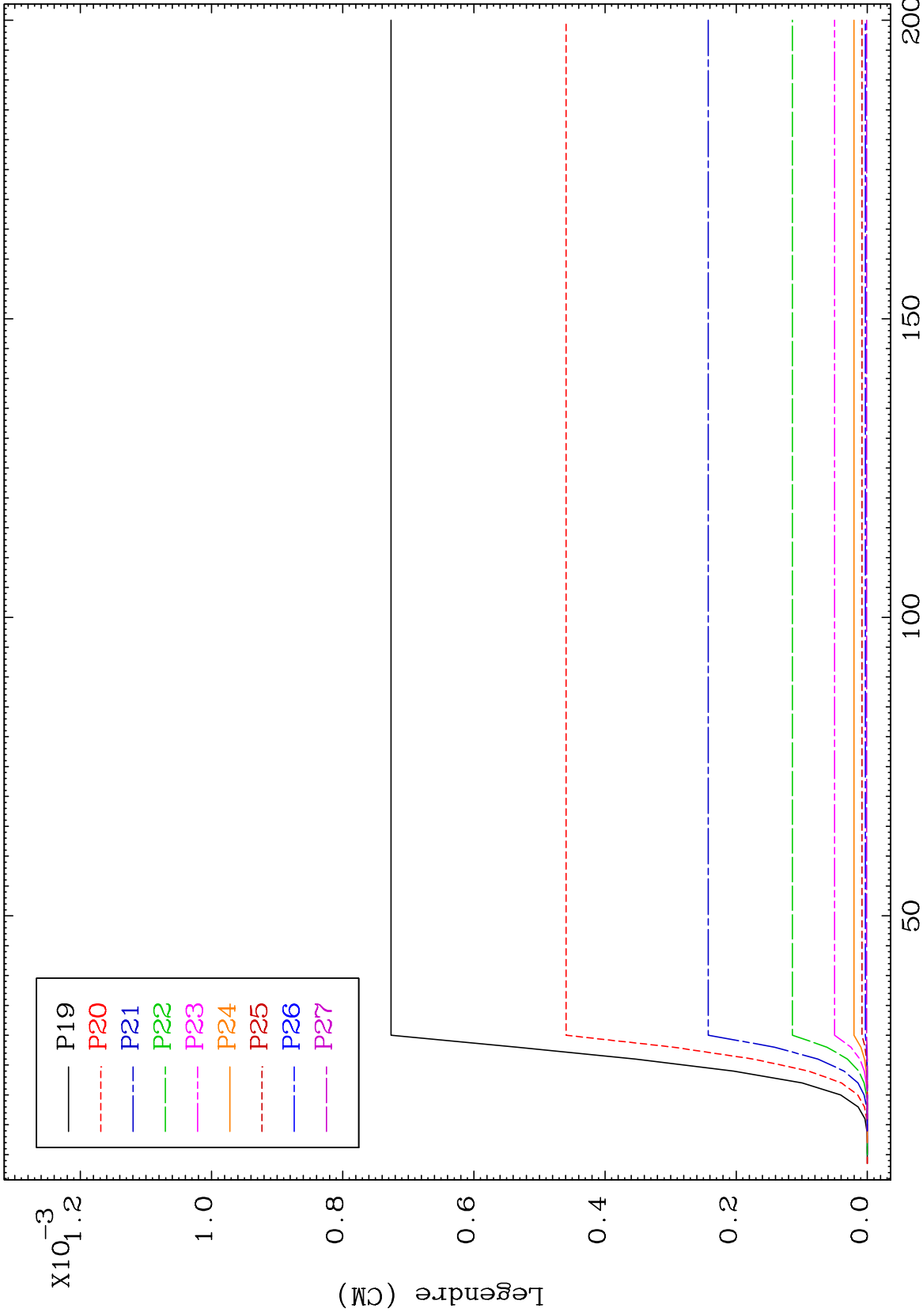
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



70

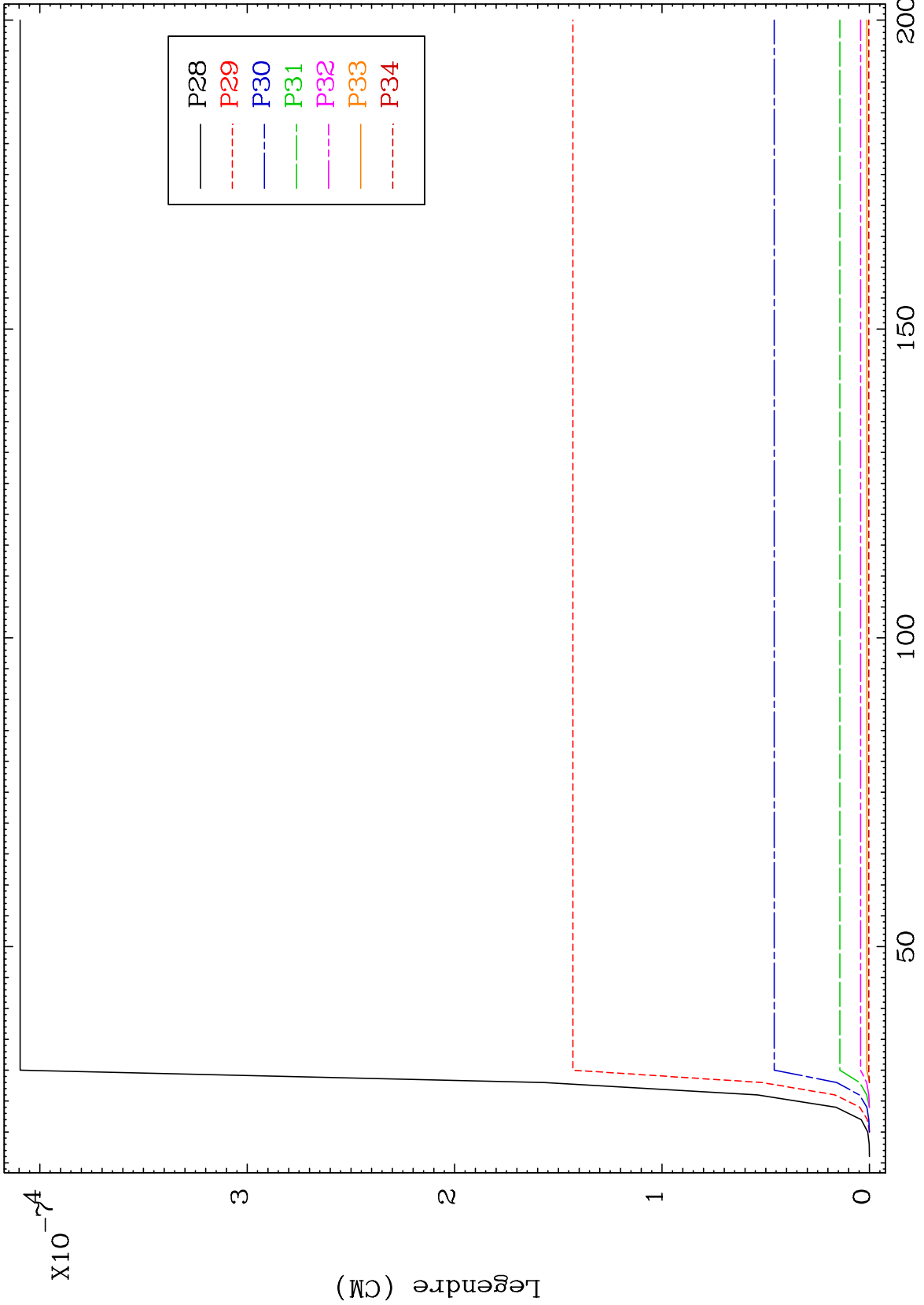
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



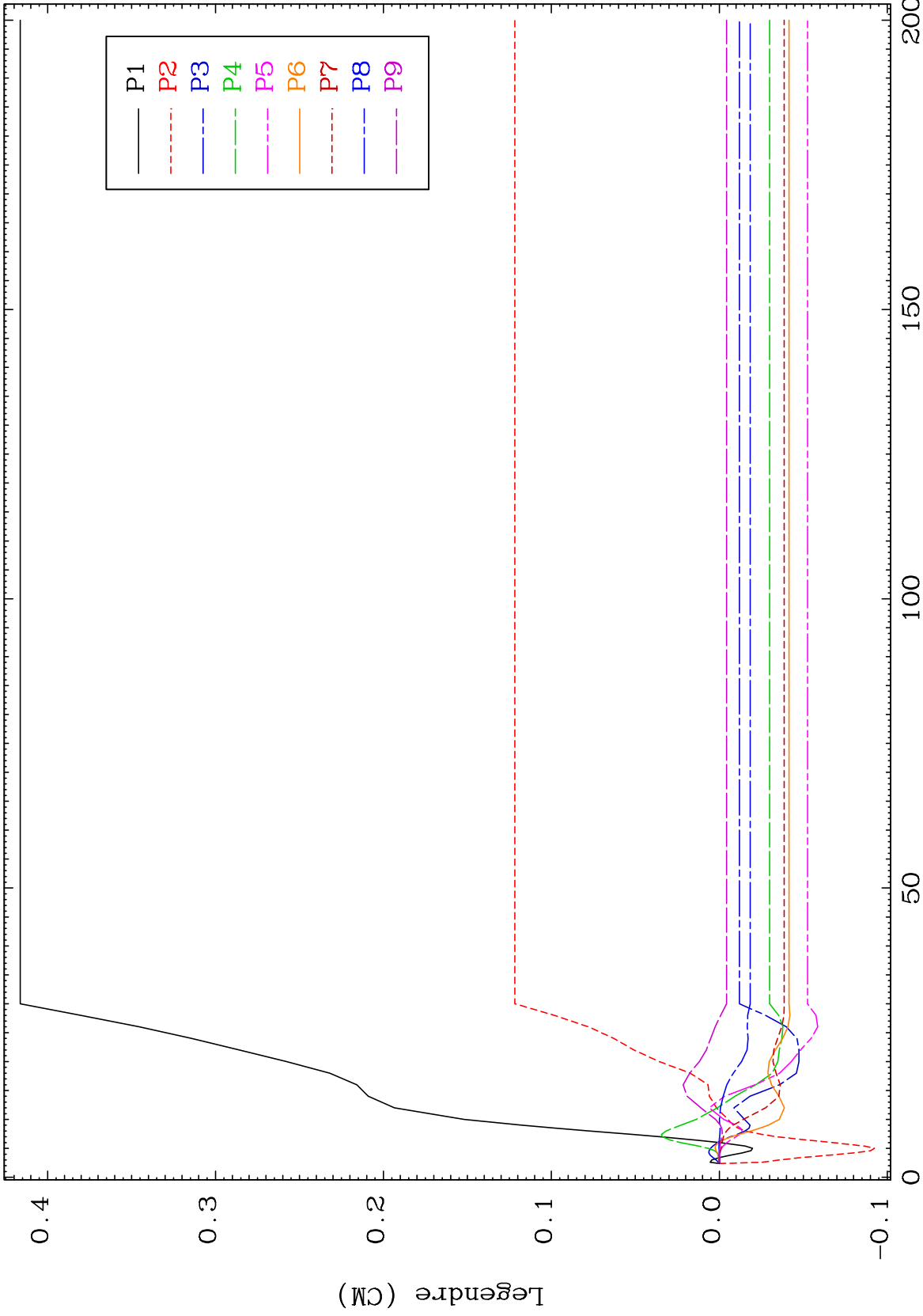
71

46-Pd-102

MAT 4625

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

46-Pd-102



72

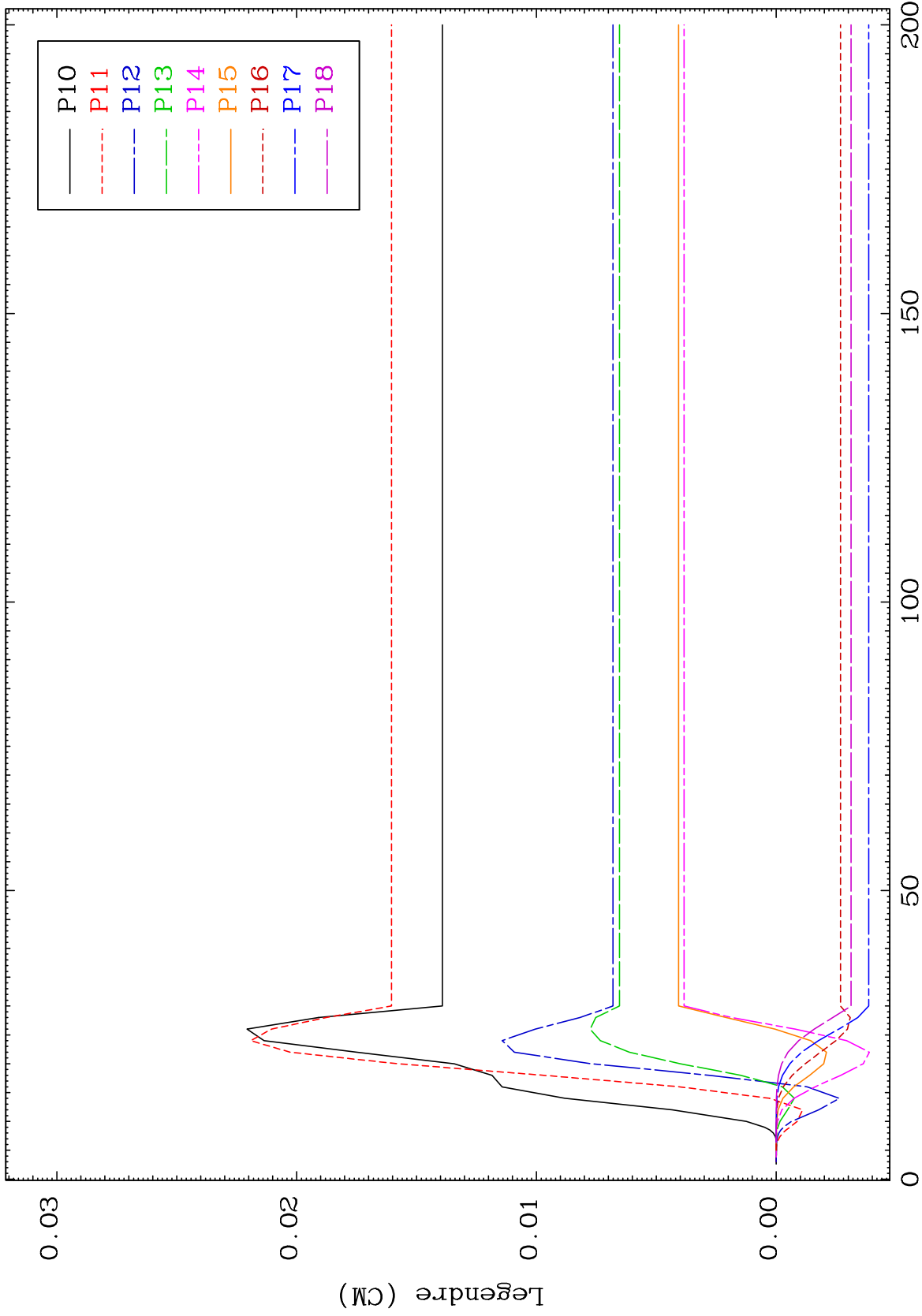
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102

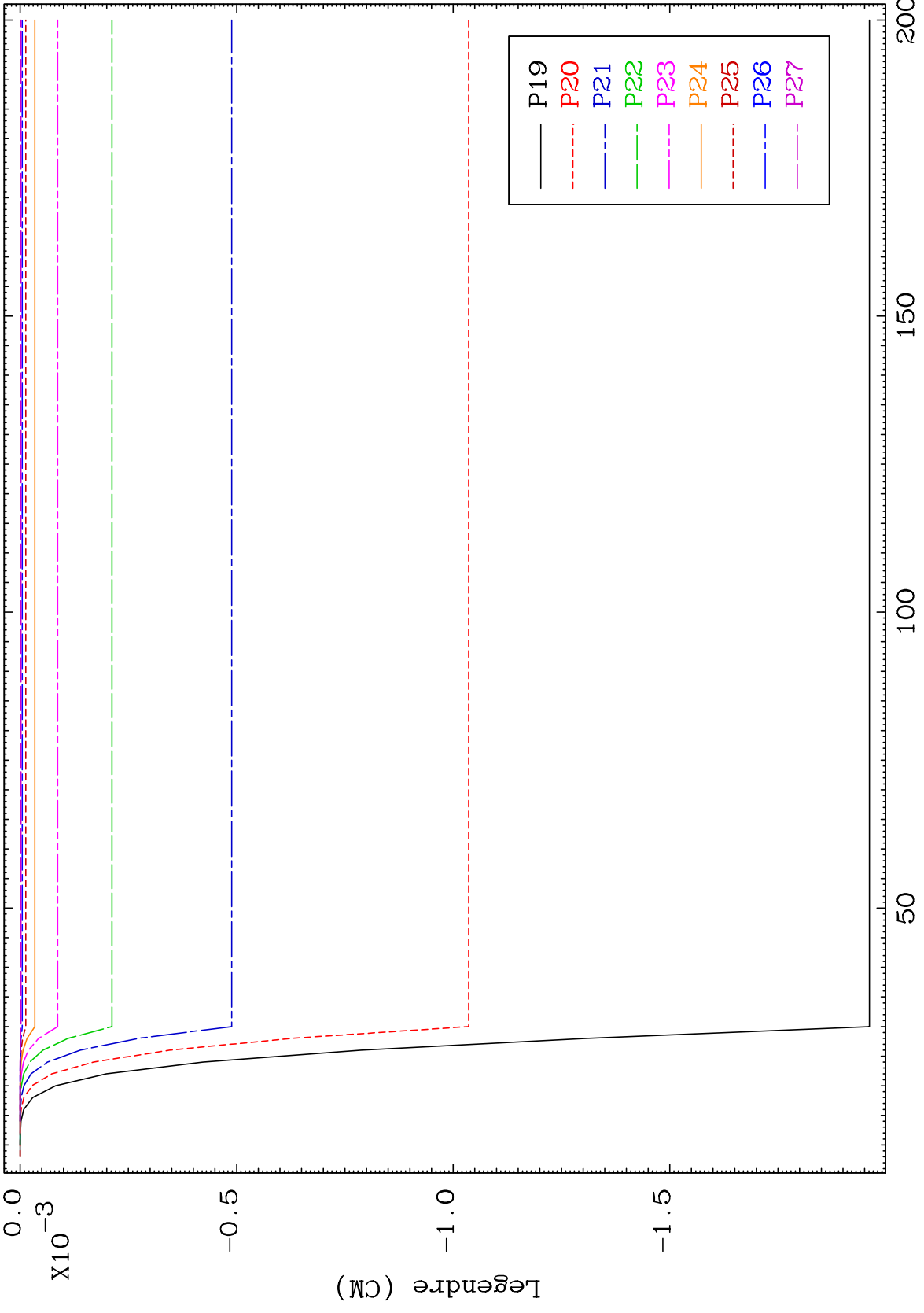


73

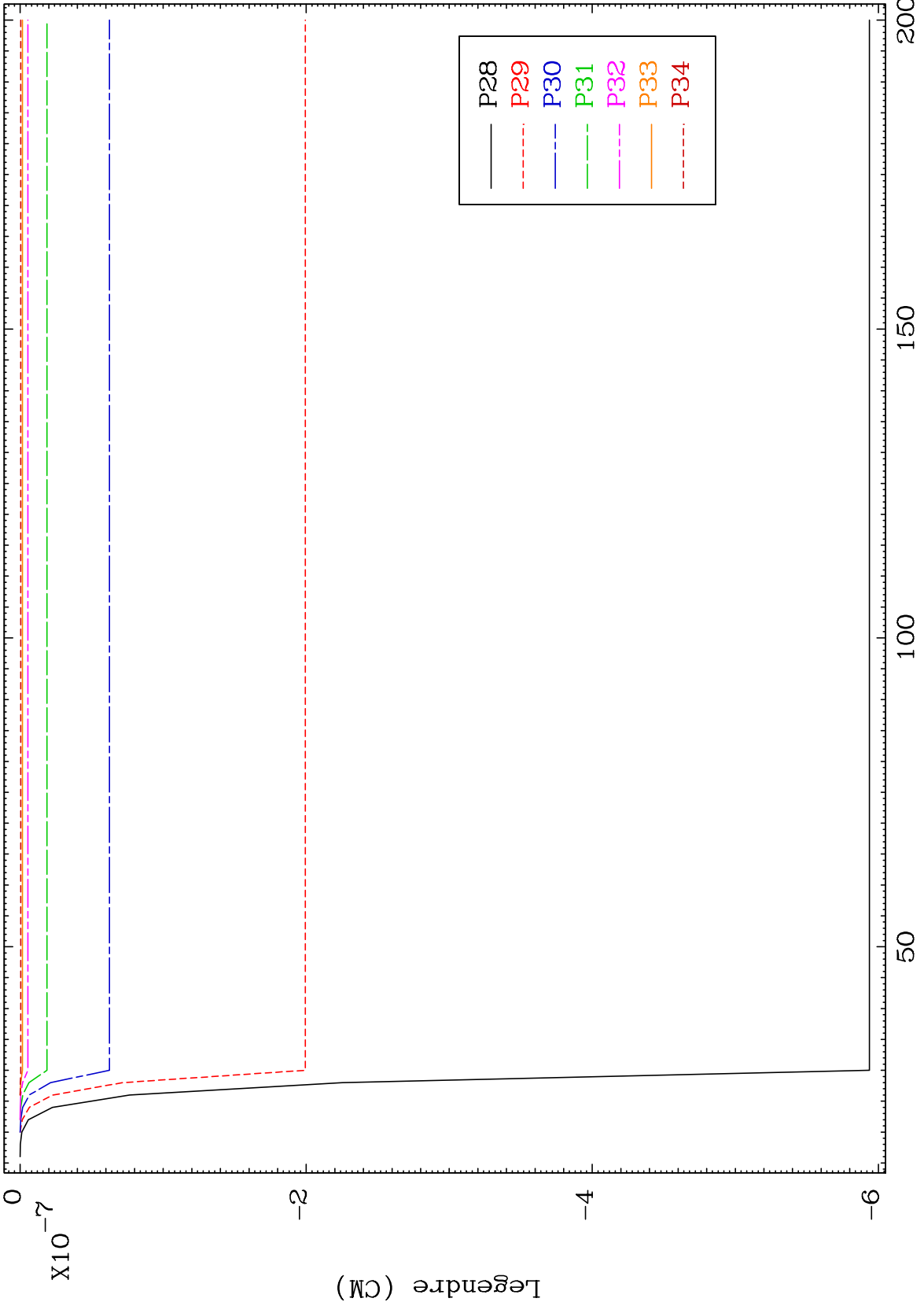
Incident Energy (MeV)

46-Pd-102

MAT 4625 MT= 65 (n,n') Level Legendre Coefficients 46-Pd-102

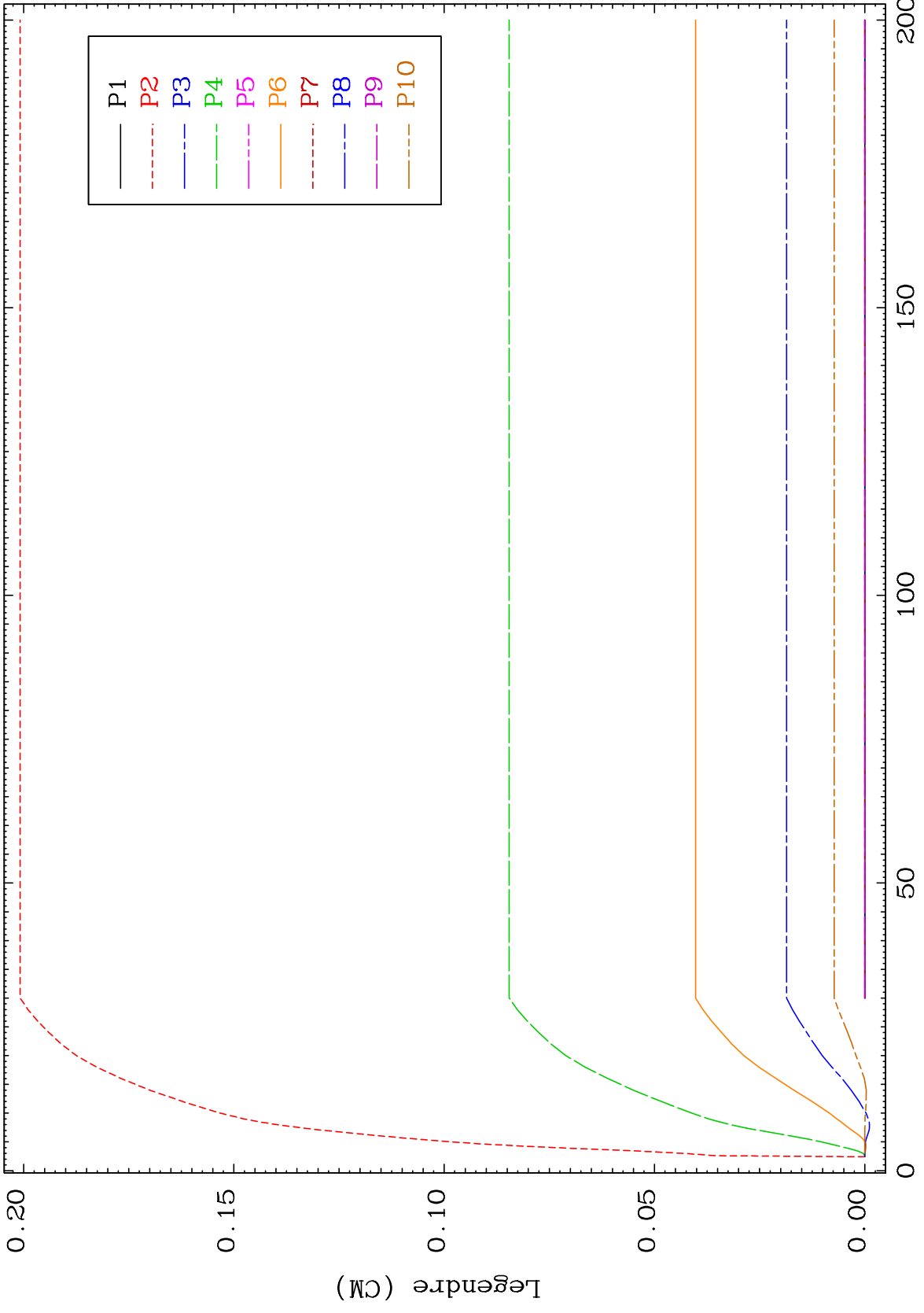


MAT 4625 MT= 65 (n,n') Level Legendre Coefficients 46-Pd-102



75 Incident Energy (MeV) 46-Pd-102

MAT 4625 MT= 66 (n,n') Level Legendre Coefficients 46-Pd-102

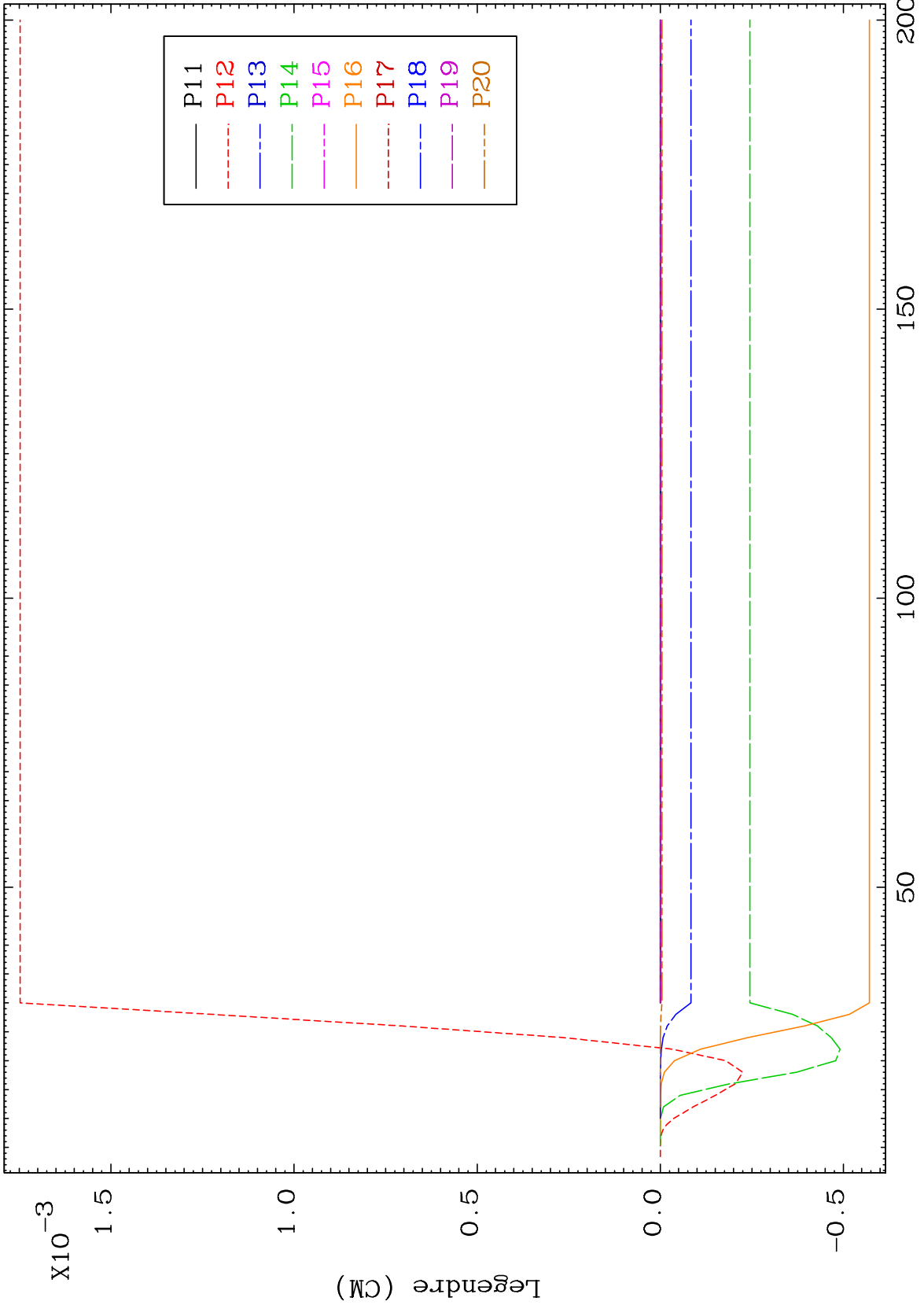


76 46-Pd-102

MAT 4625

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

46-Pd-102



77

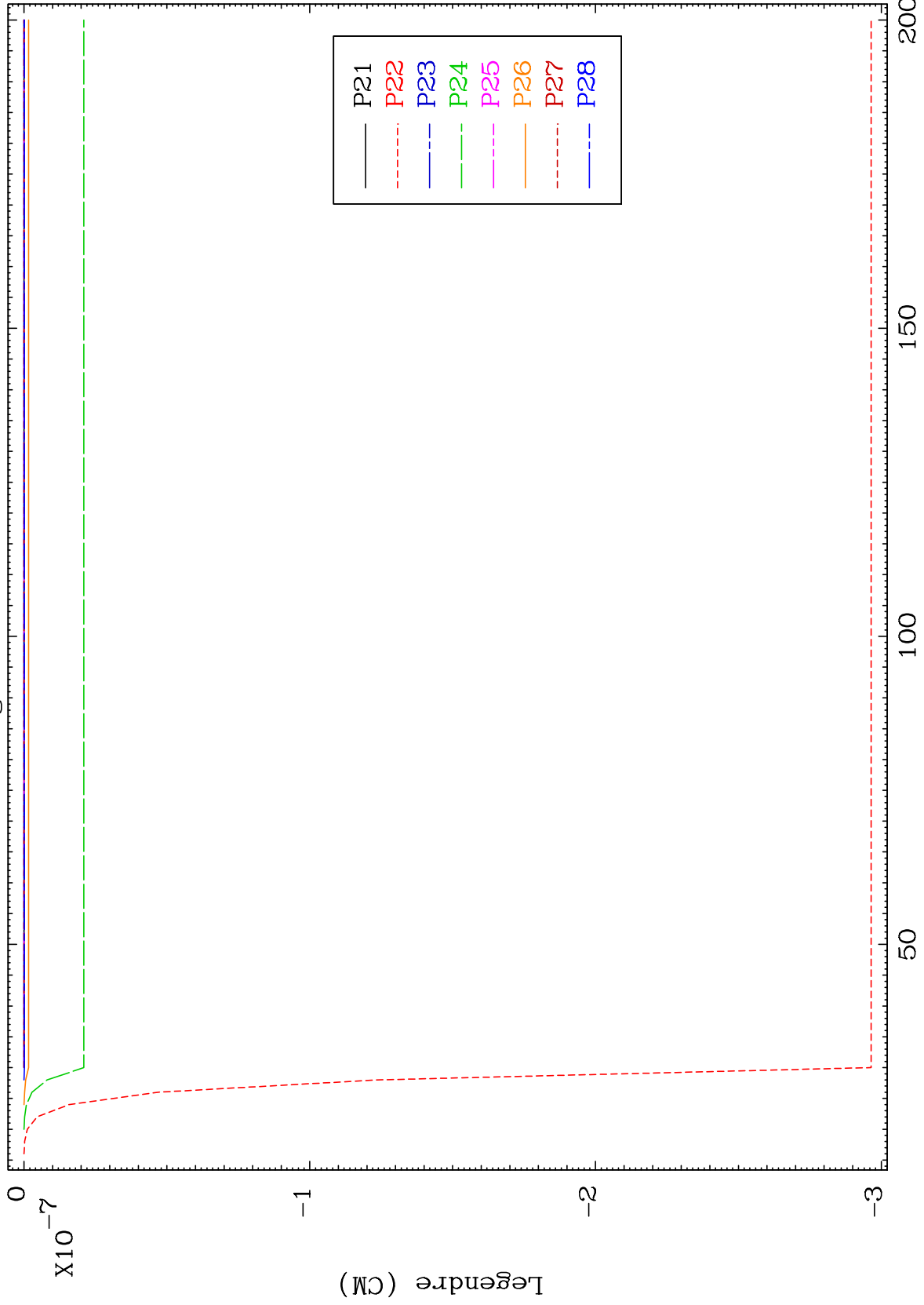
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



46-Pd-102

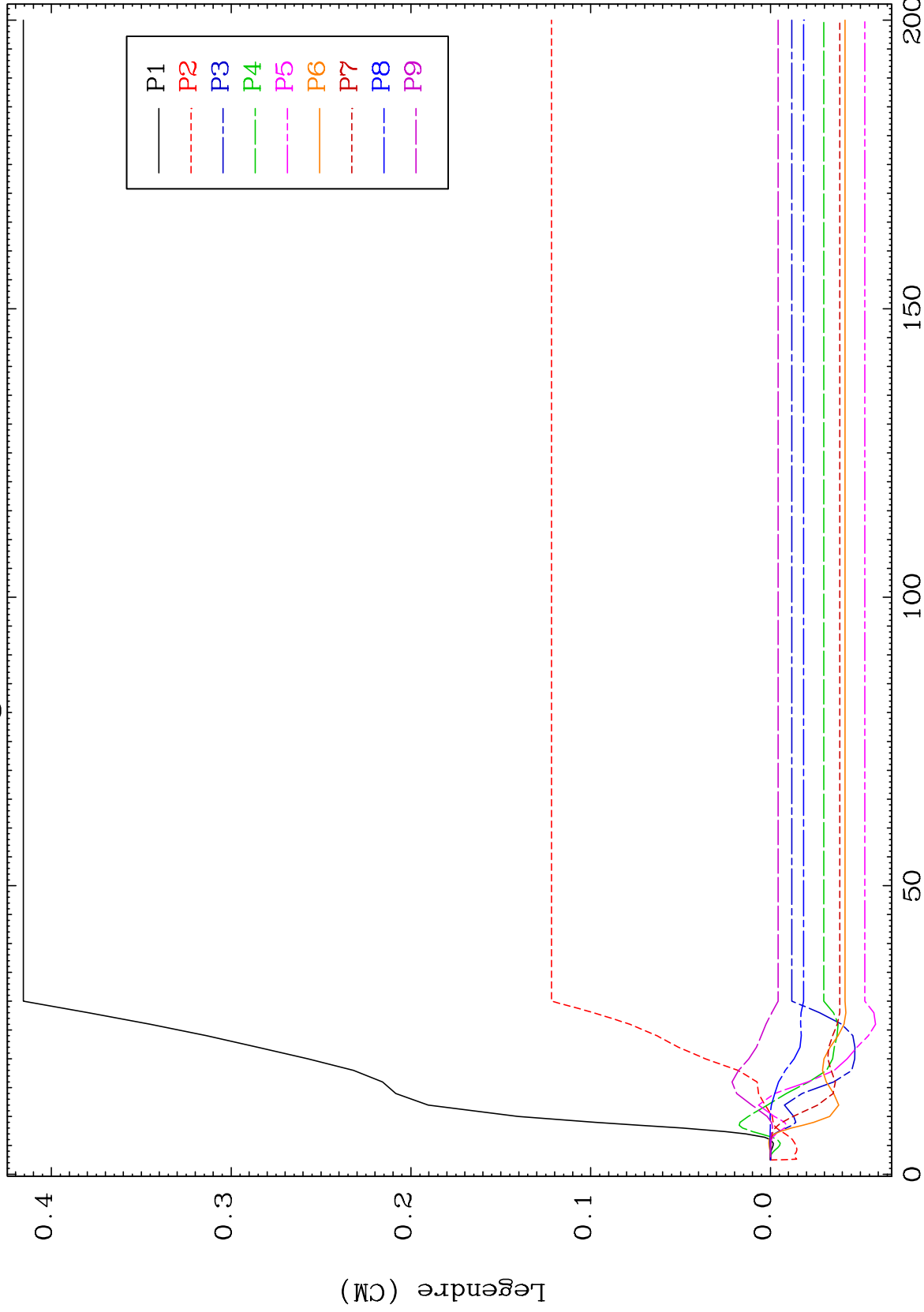
Incident Energy (MeV)

78

MAT 4625

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

46-Pd-102



79

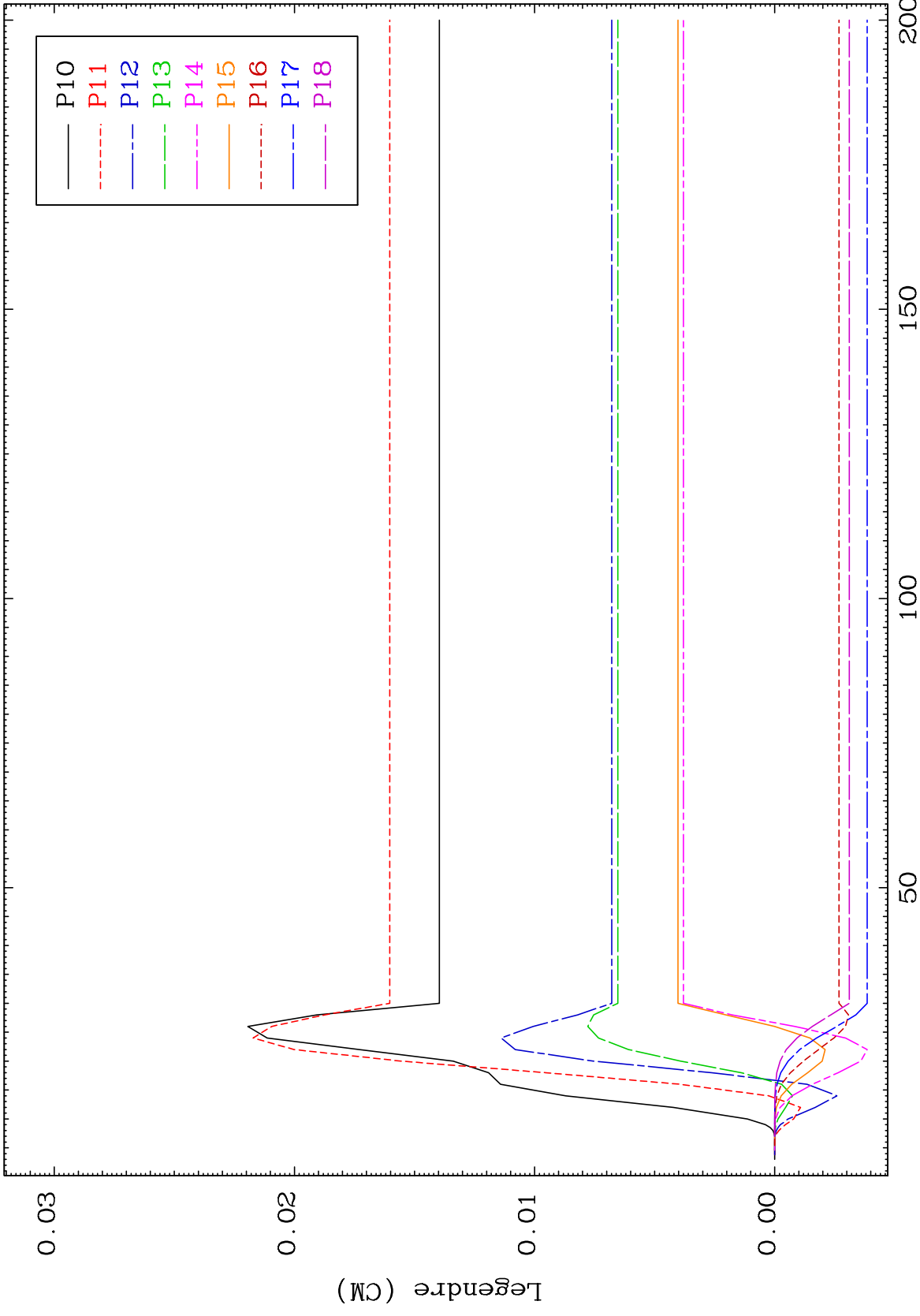
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



80

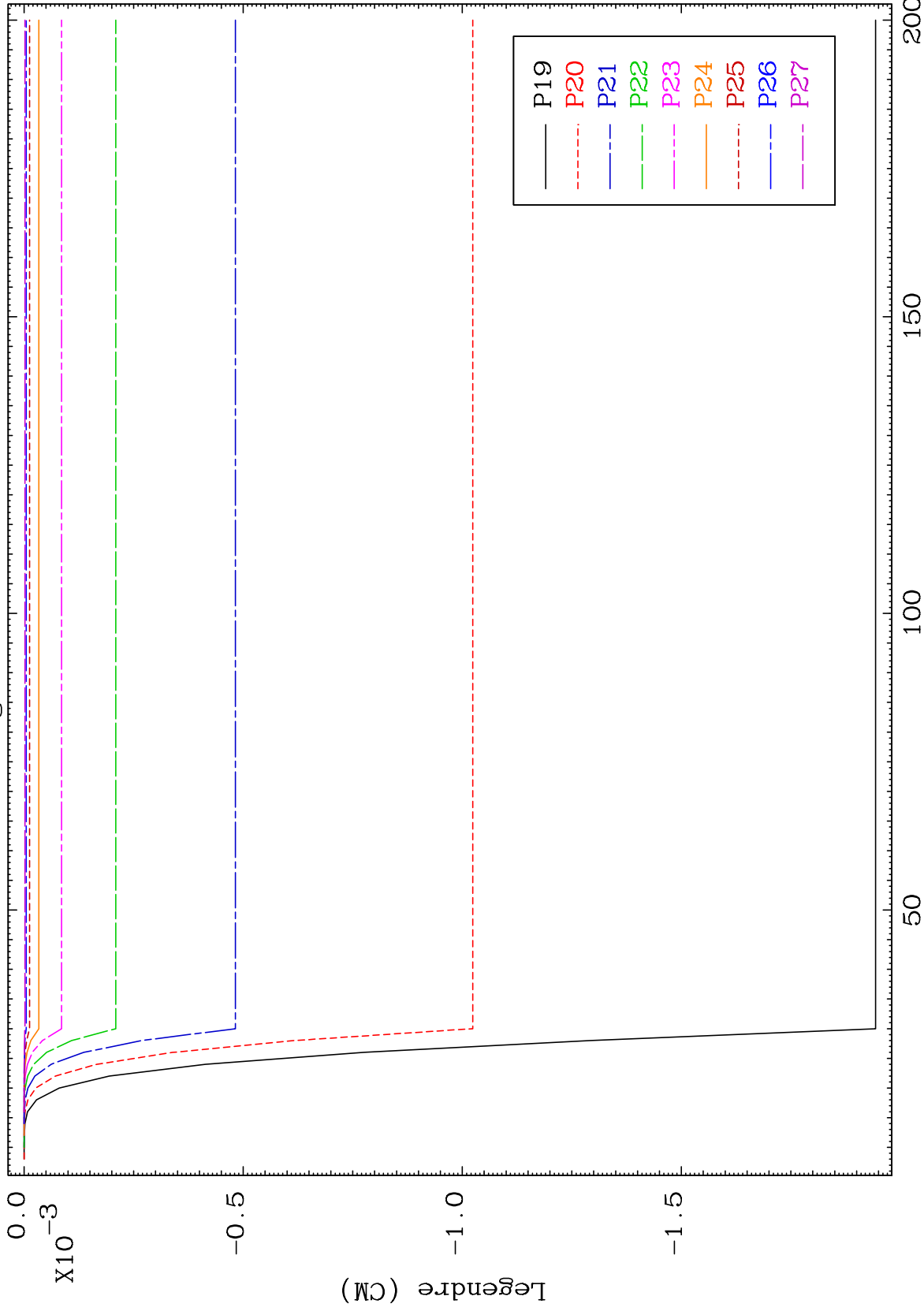
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



81

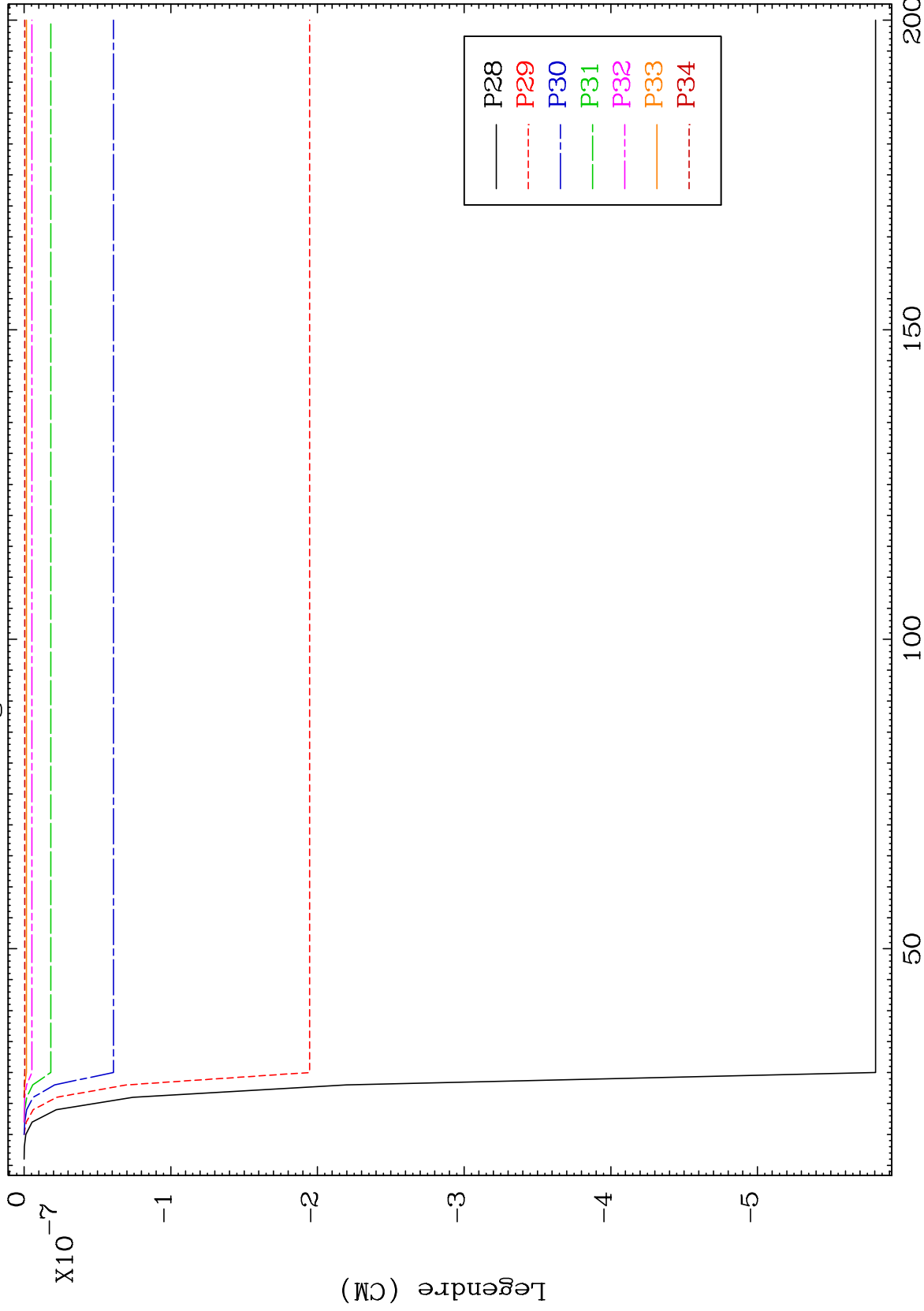
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



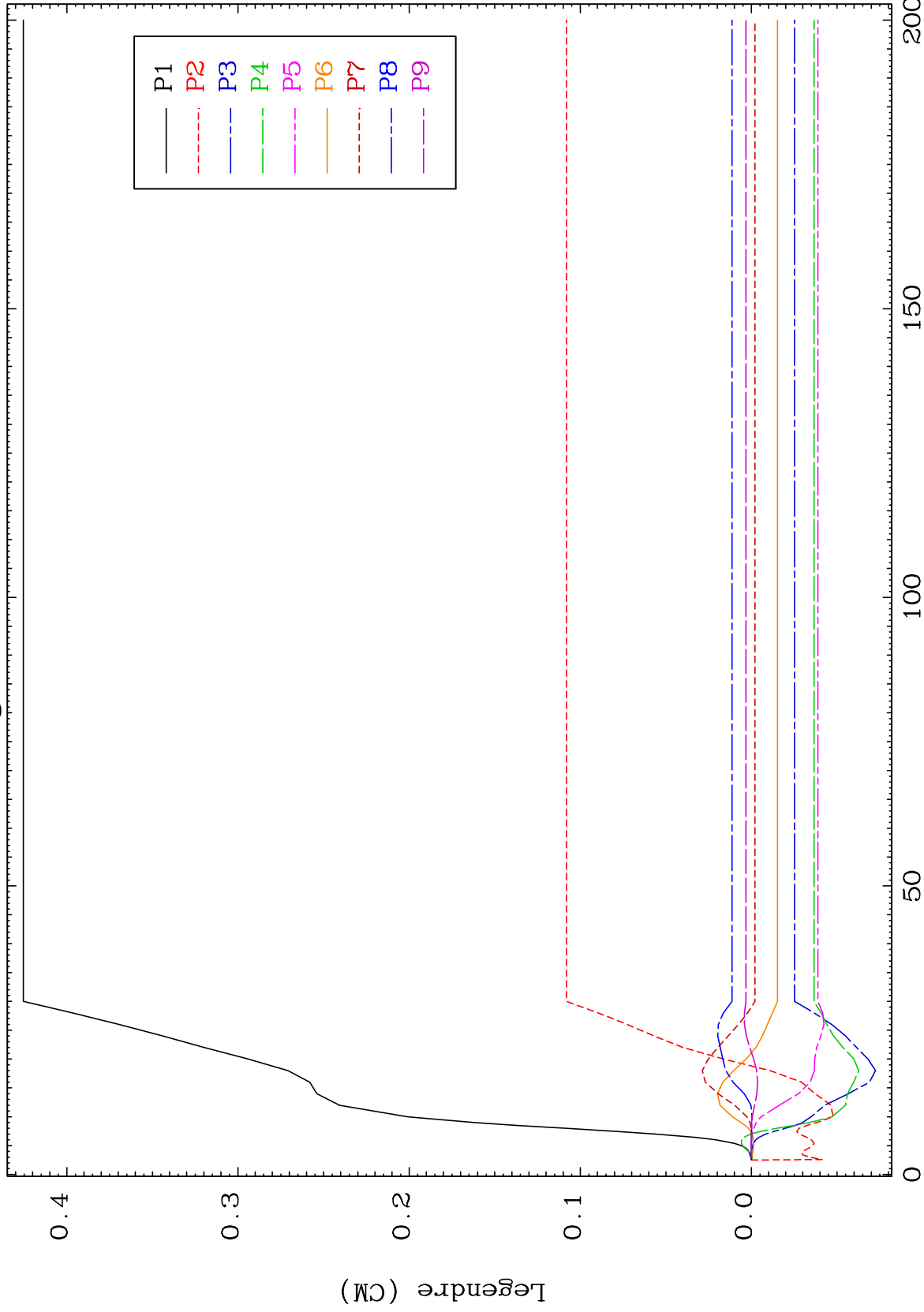
82

46-Pd-102

MAT 4625

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

46-Pd-102



83

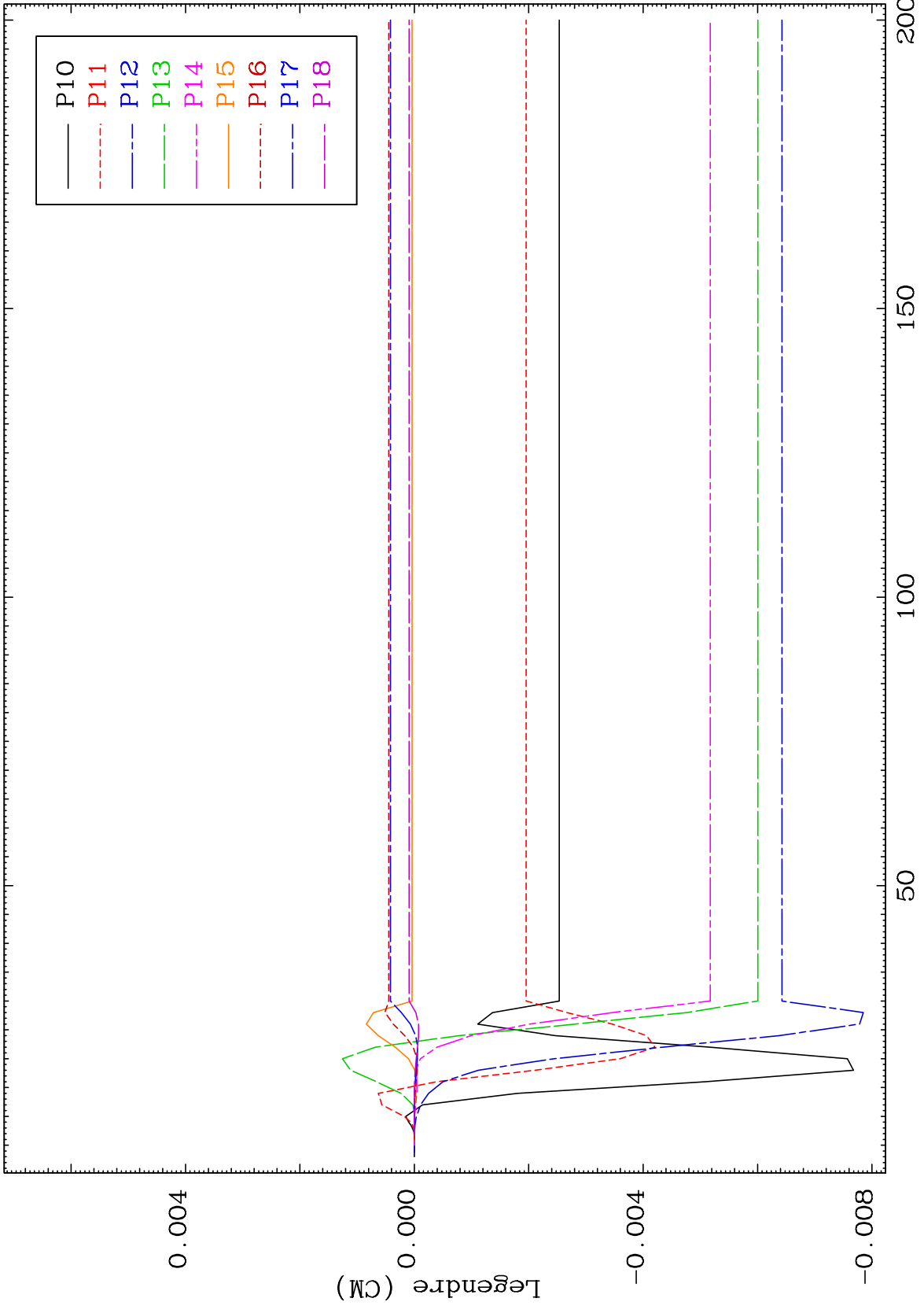
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



84

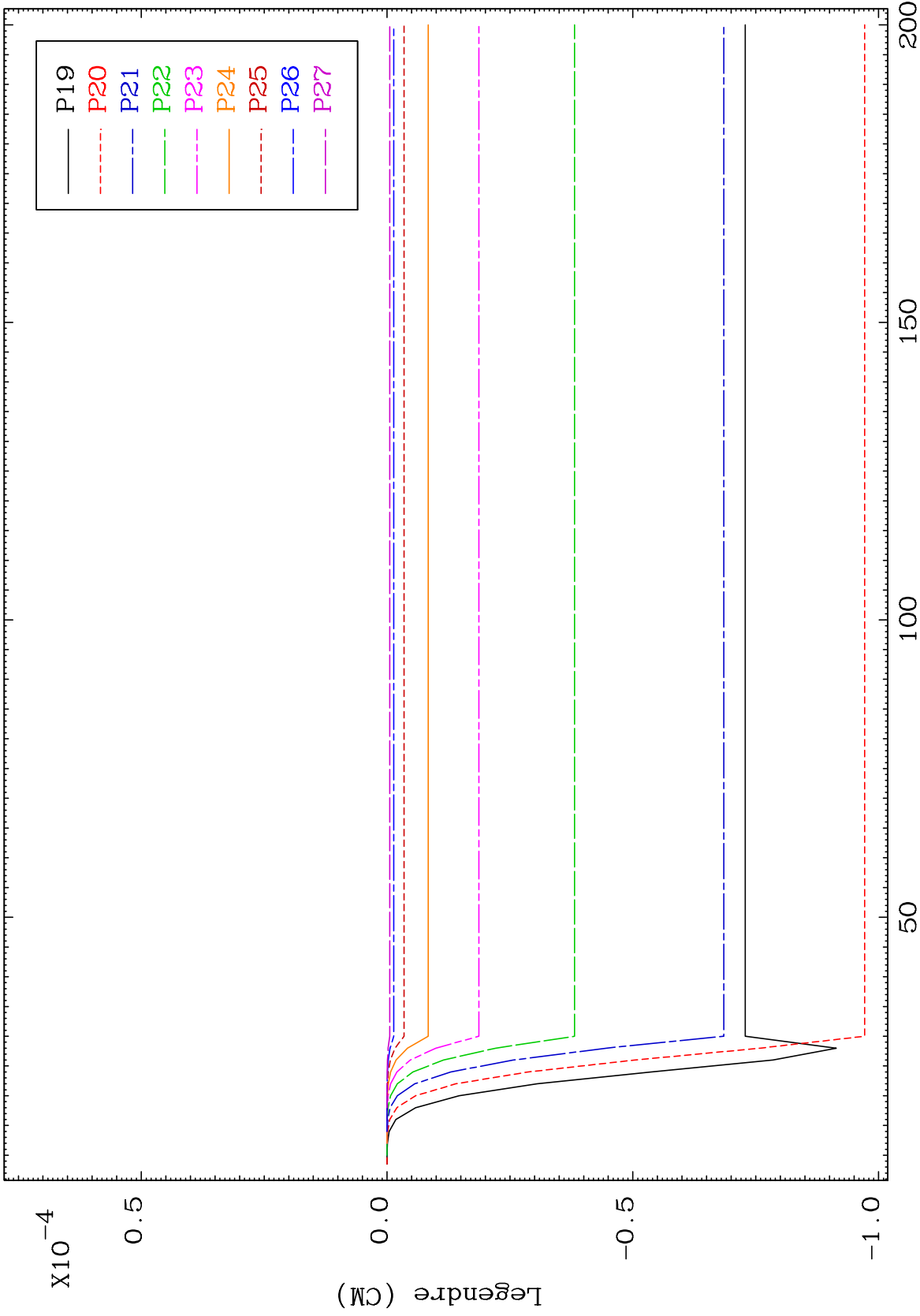
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



85

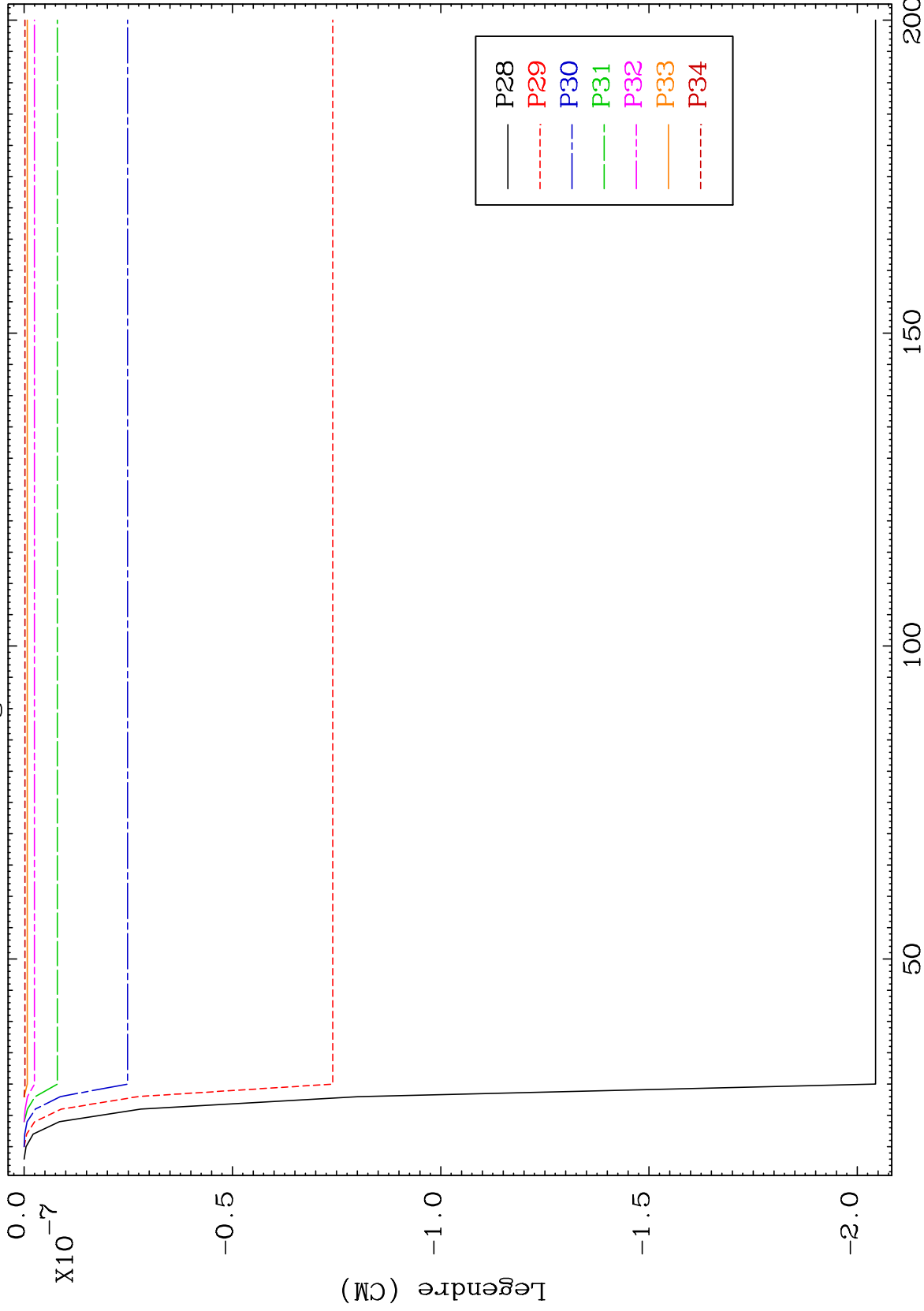
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102

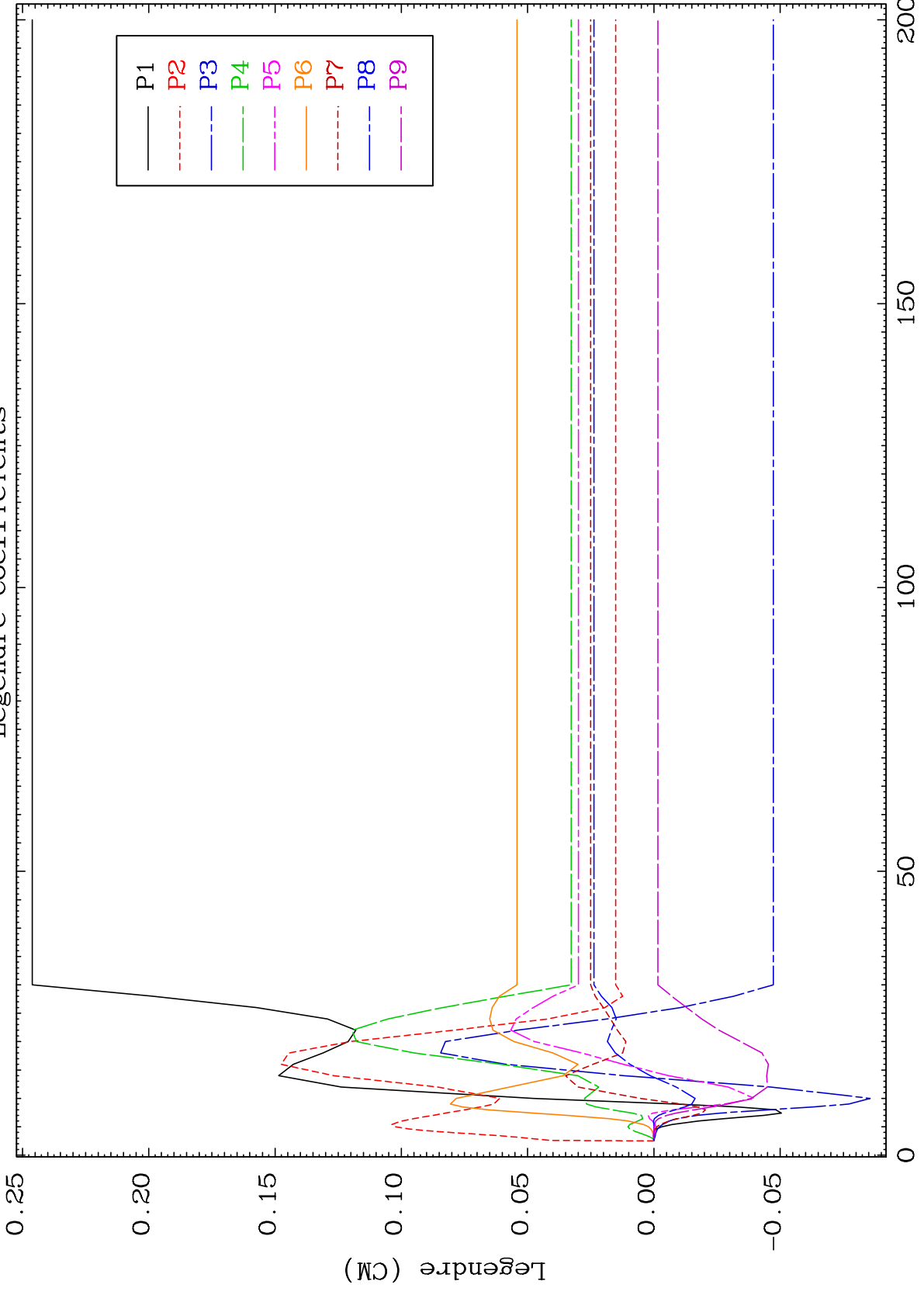


86

Incident Energy (MeV)

46-Pd-102

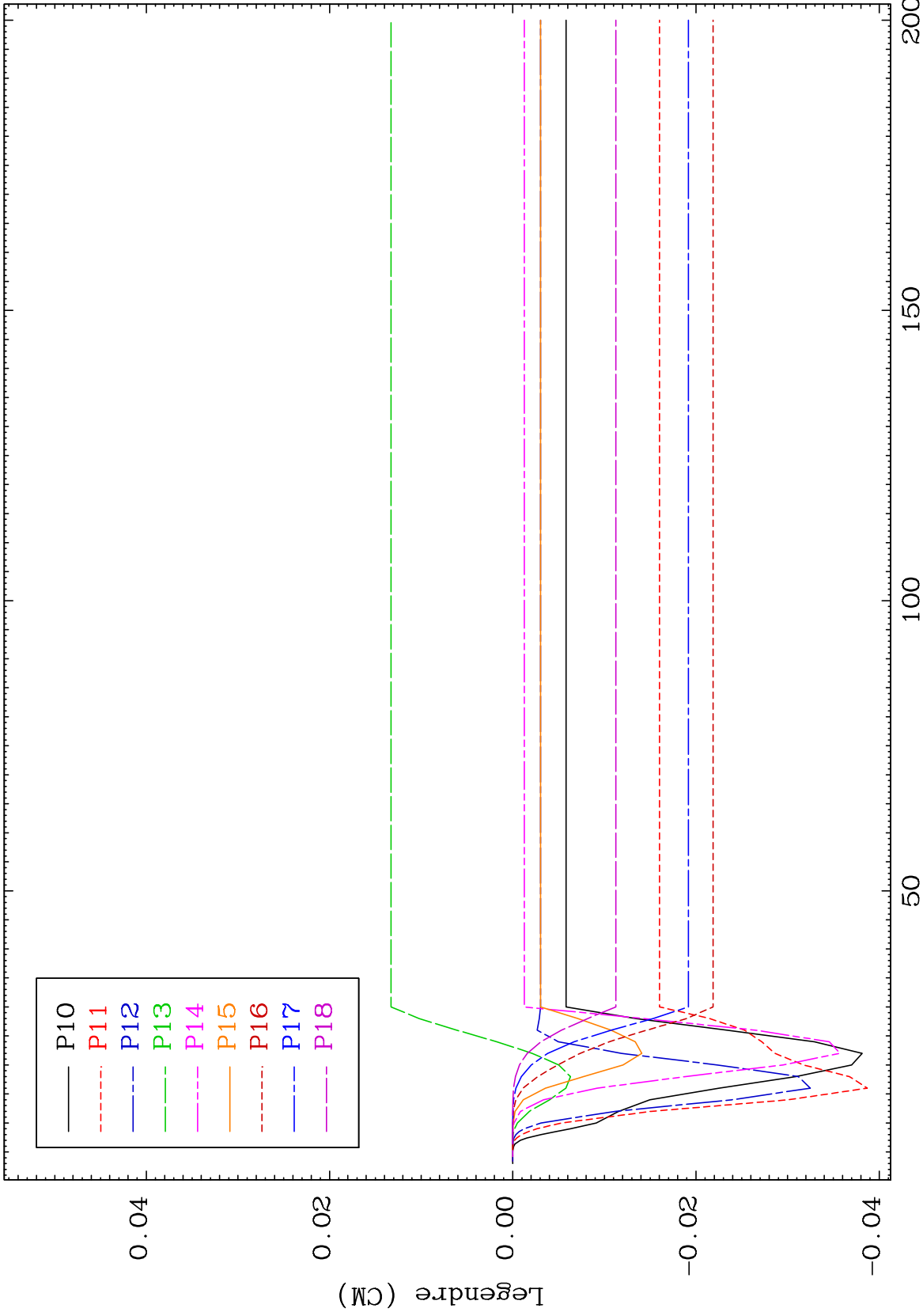
MAT 4625 MT= 69 (n,n') Level Legendre Coefficients 46-Pd-102



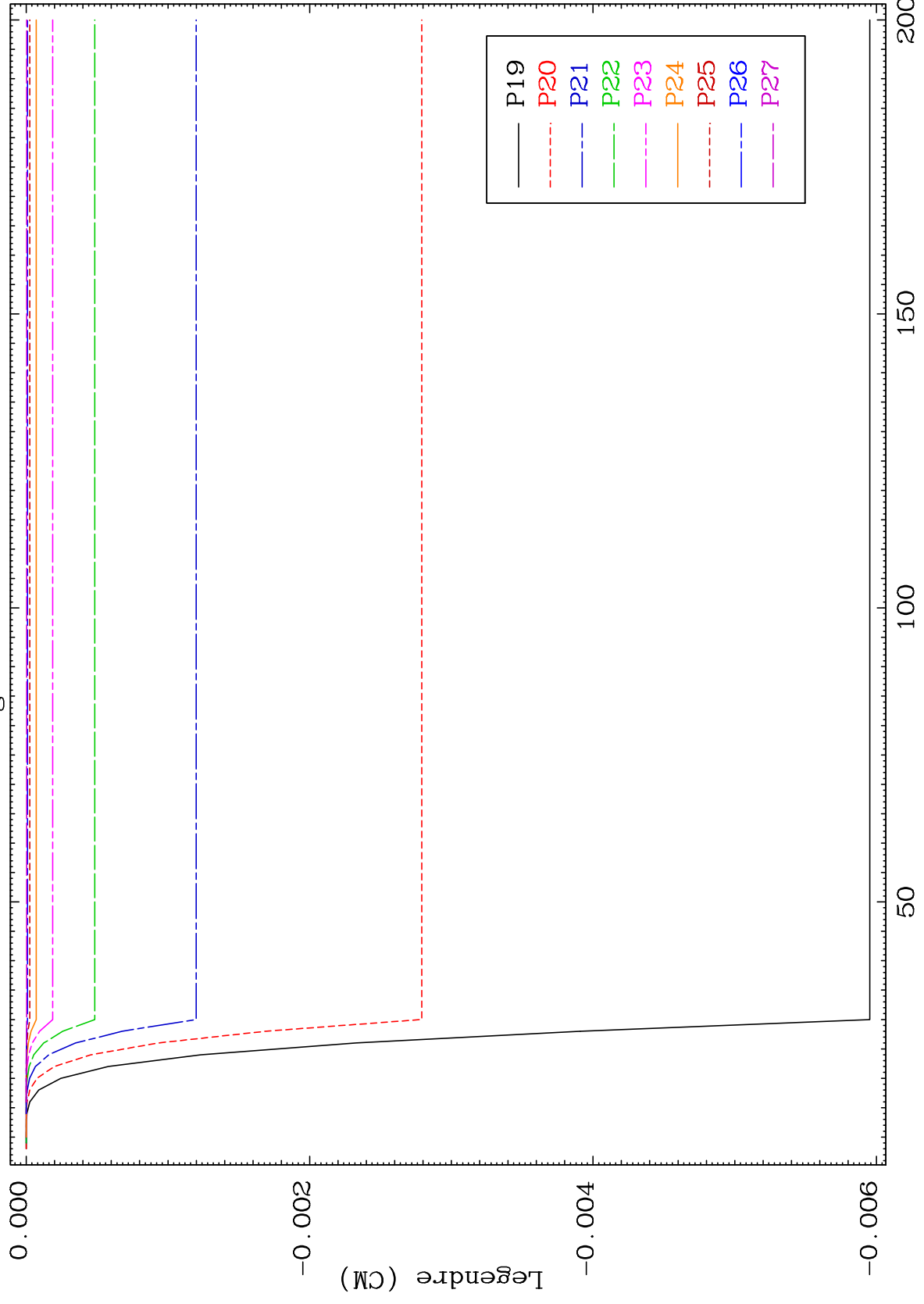
MAT 4625

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

46-Pd-102



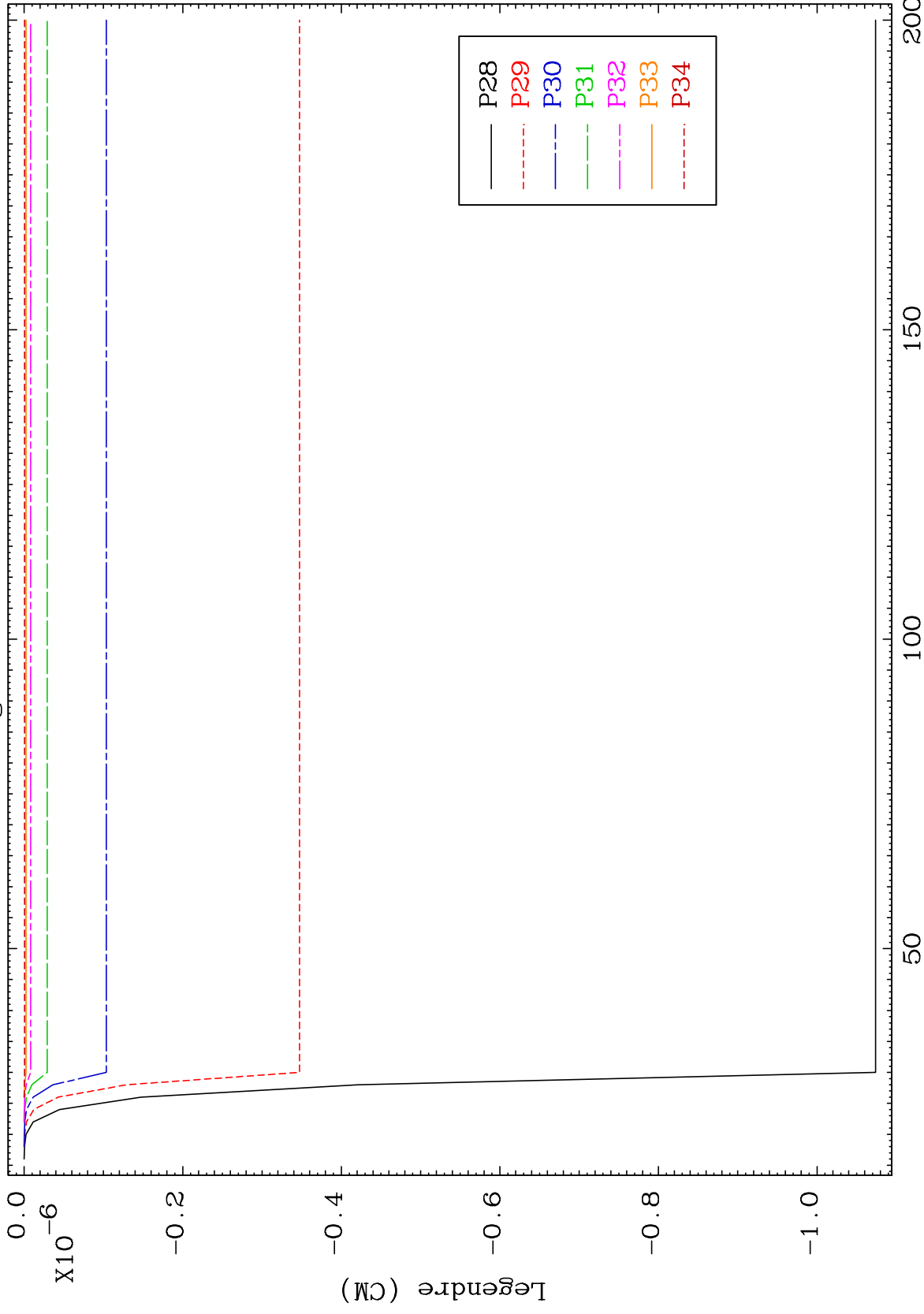
MAT 4625 MT= 69 (n,n') Level Legendre Coefficients 46-Pd-102



MAT 4625

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

46-Pd-102

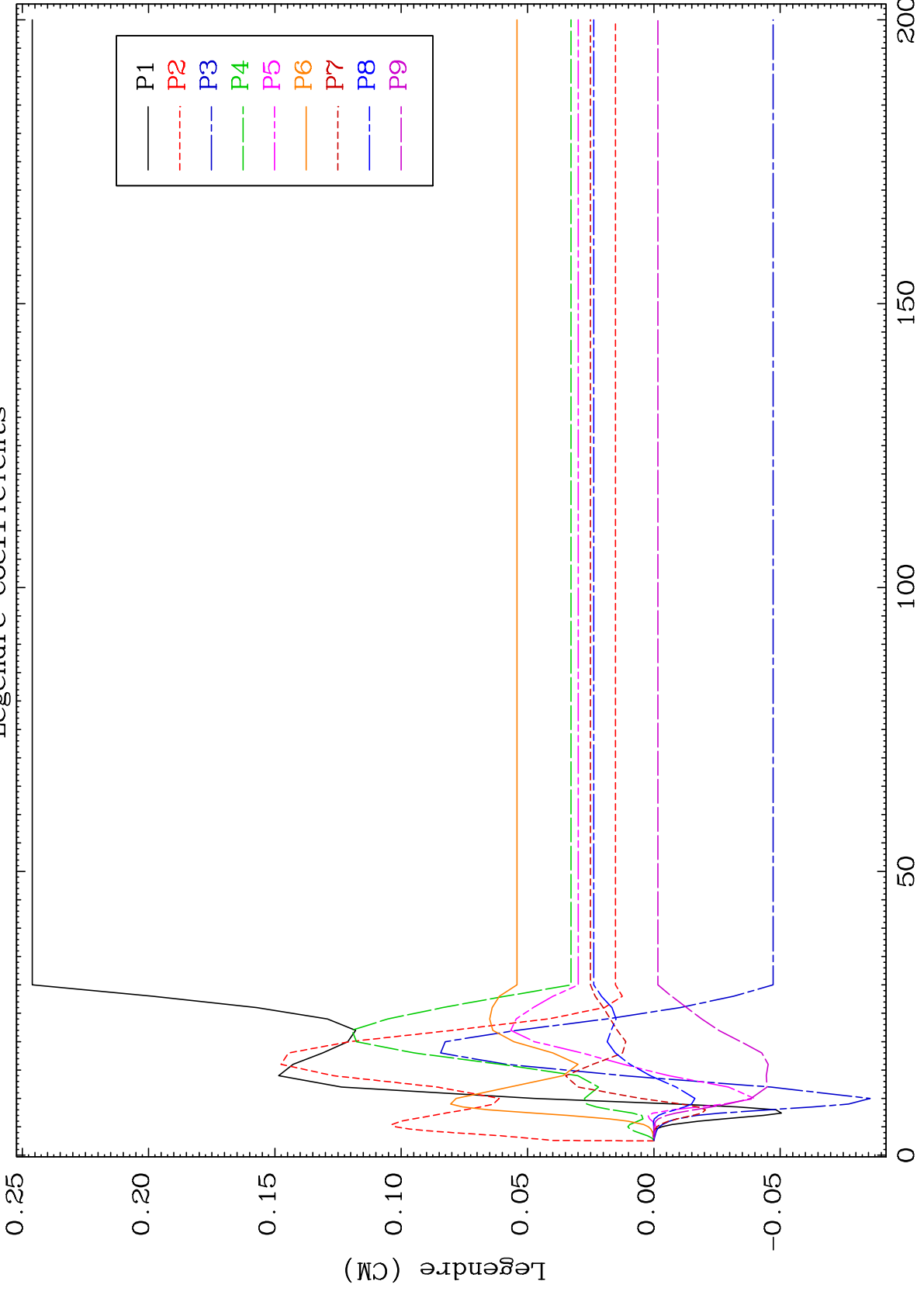


46-Pd-102

Incident Energy (MeV)

90

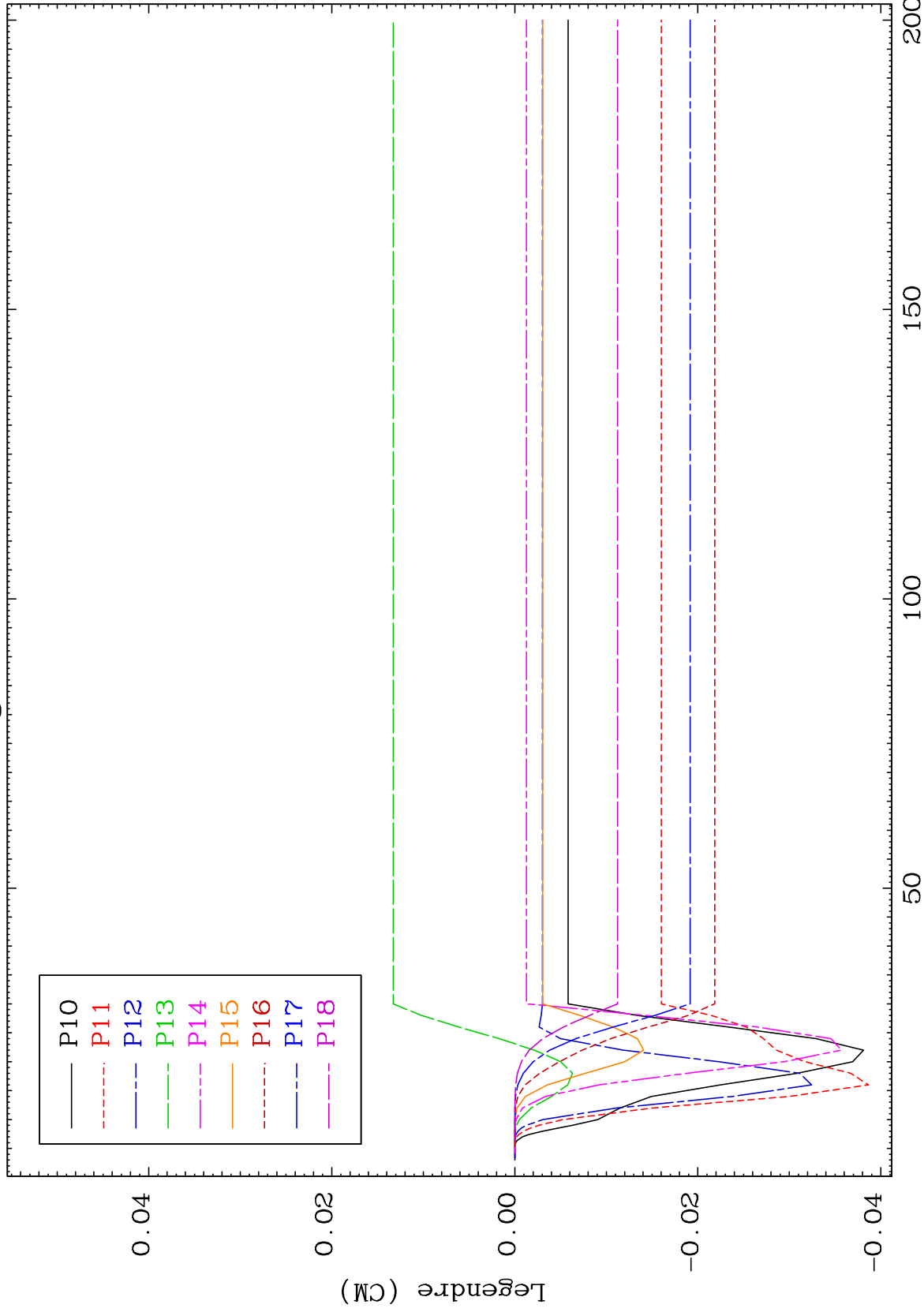
MAT 4625 MT= 70 (n,n') Level Legendre Coefficients 46-Pd-102



MAT 4625

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

46-Pd-102

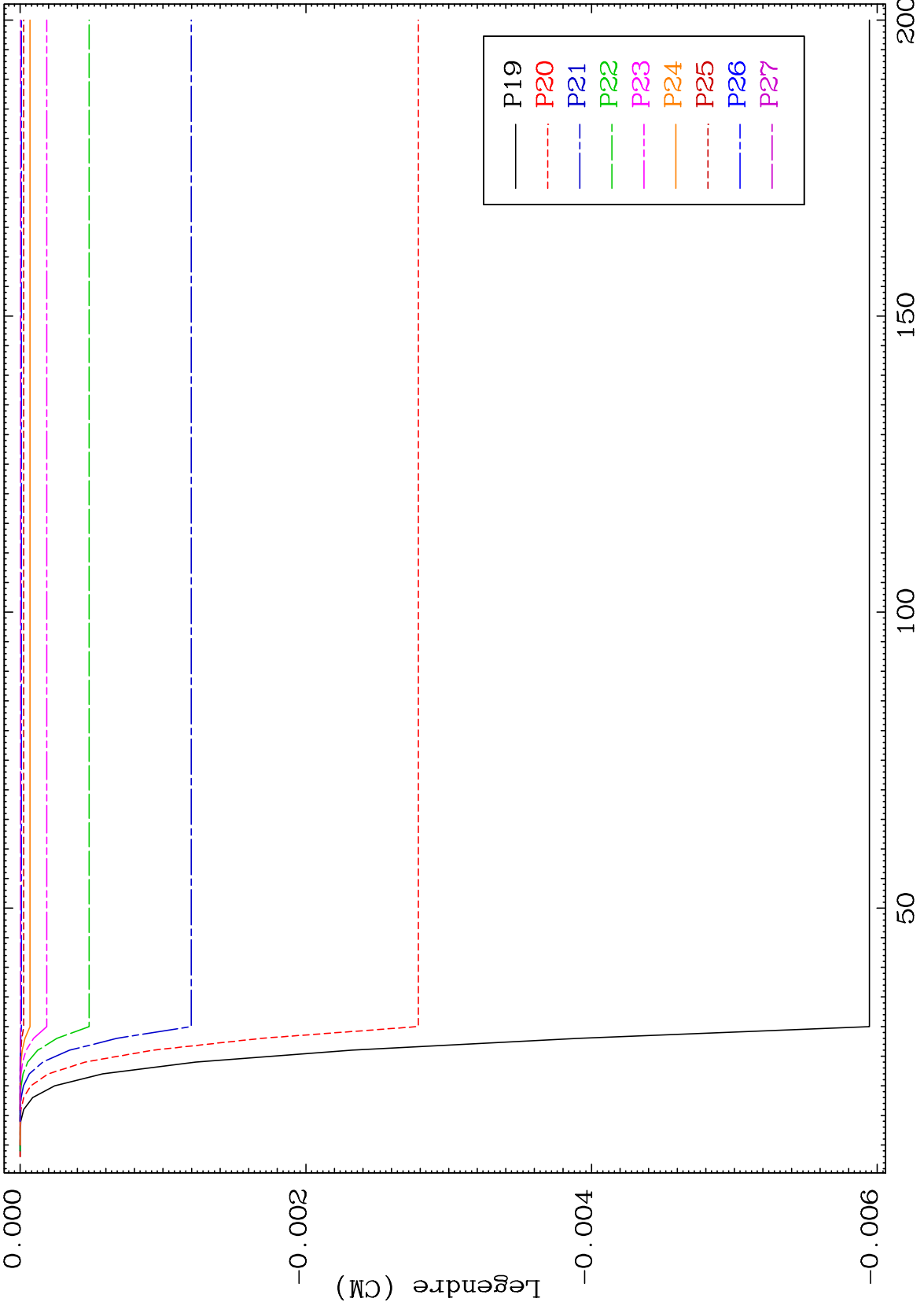


92

Incident Energy (MeV)

46-Pd-102

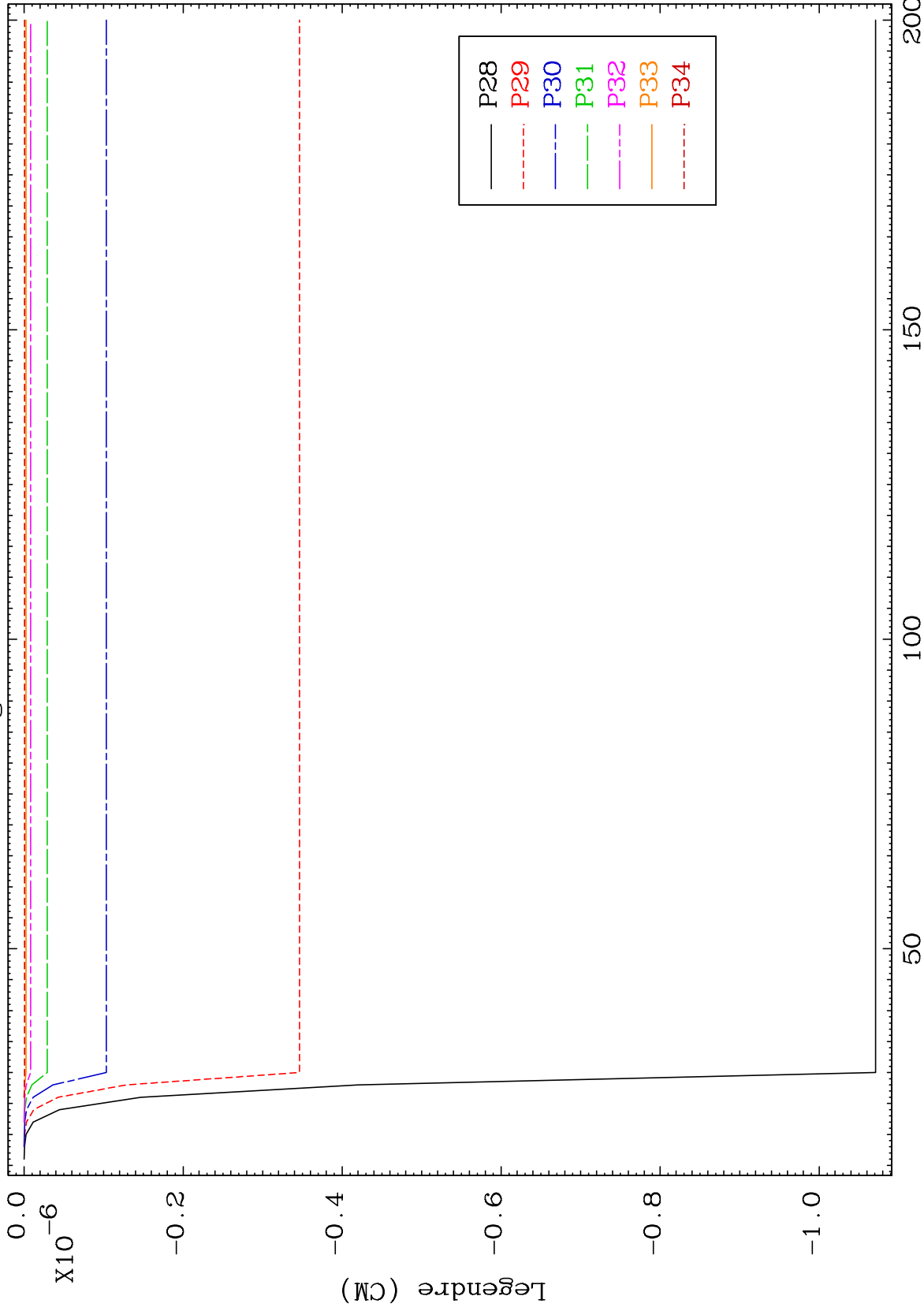
MAT 4625 MT= 70 (n,n') Level Legendre Coefficients 46-Pd-102



MAT 4625

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

46-Pd-102



46-Pd-102

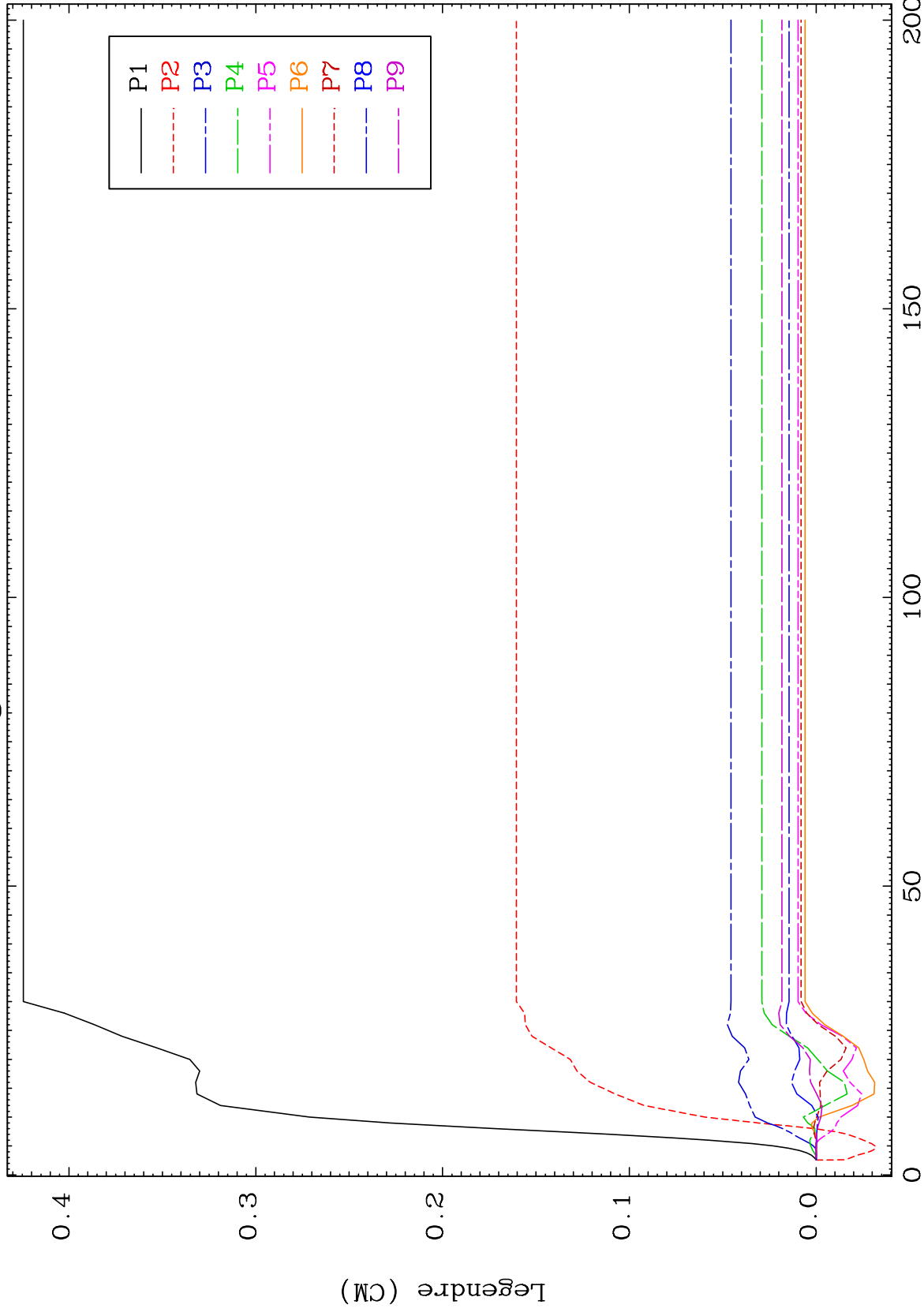
Incident Energy (MeV)

94

MAT 4625

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

46-Pd-102



95

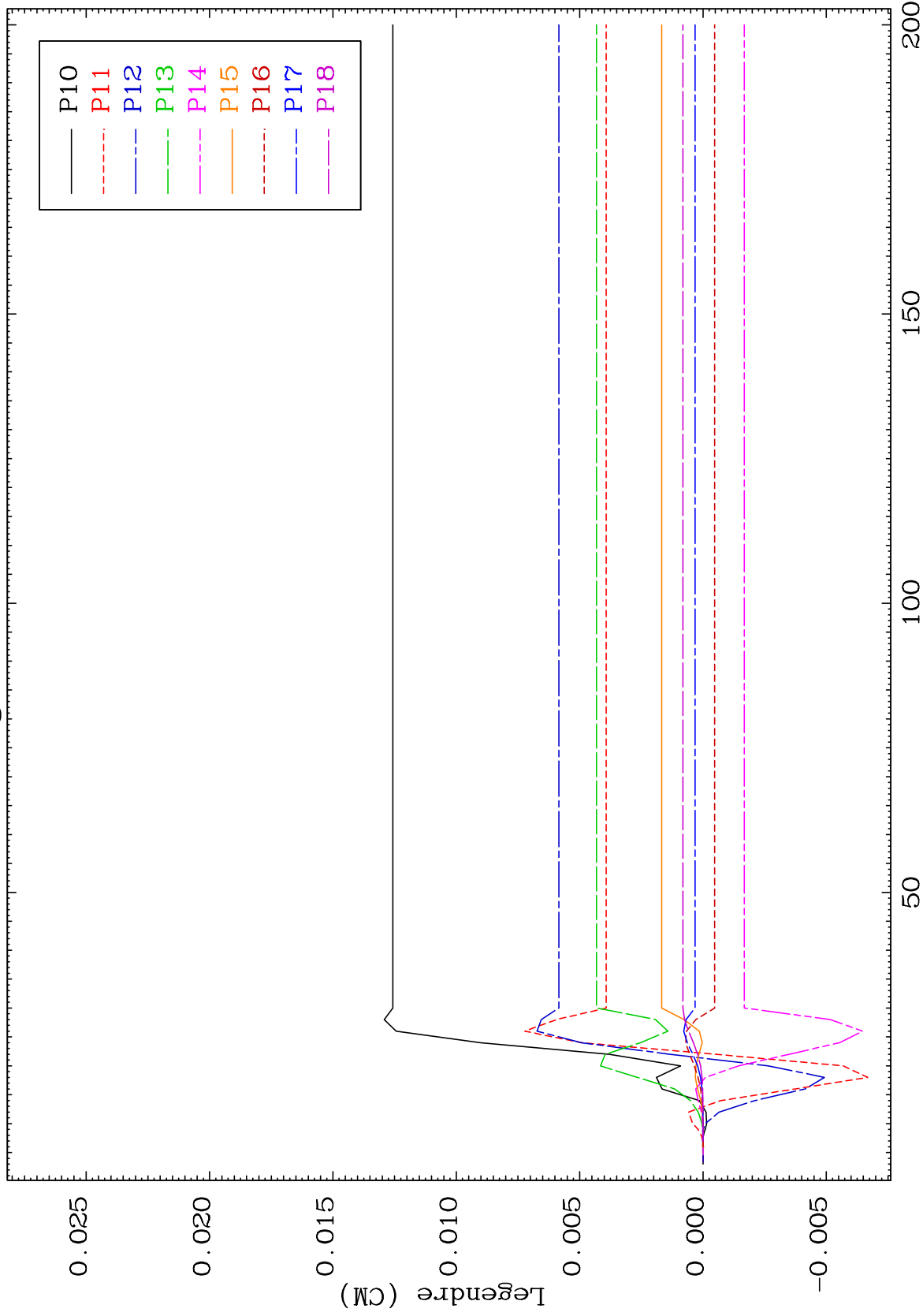
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



96

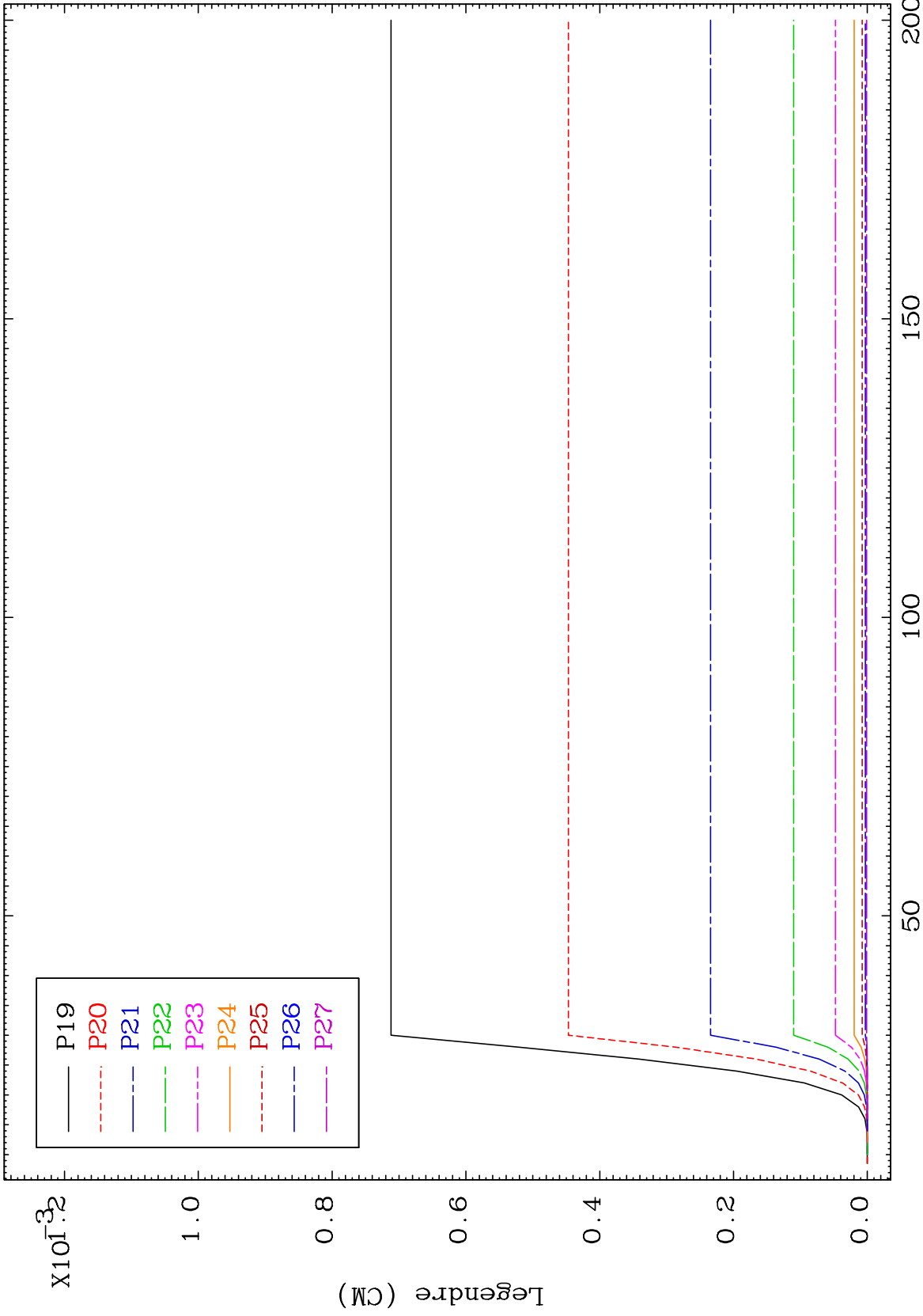
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



97

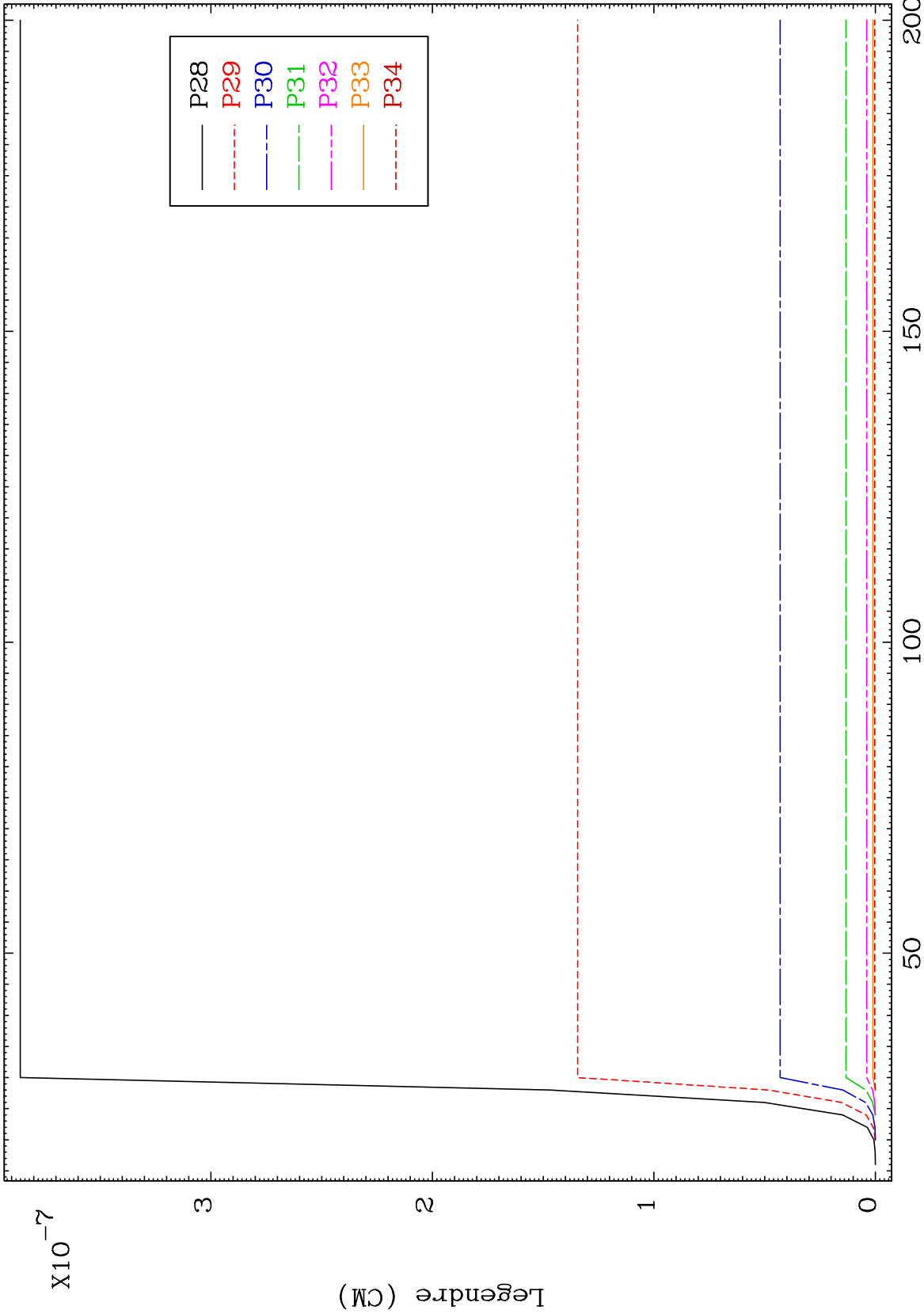
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

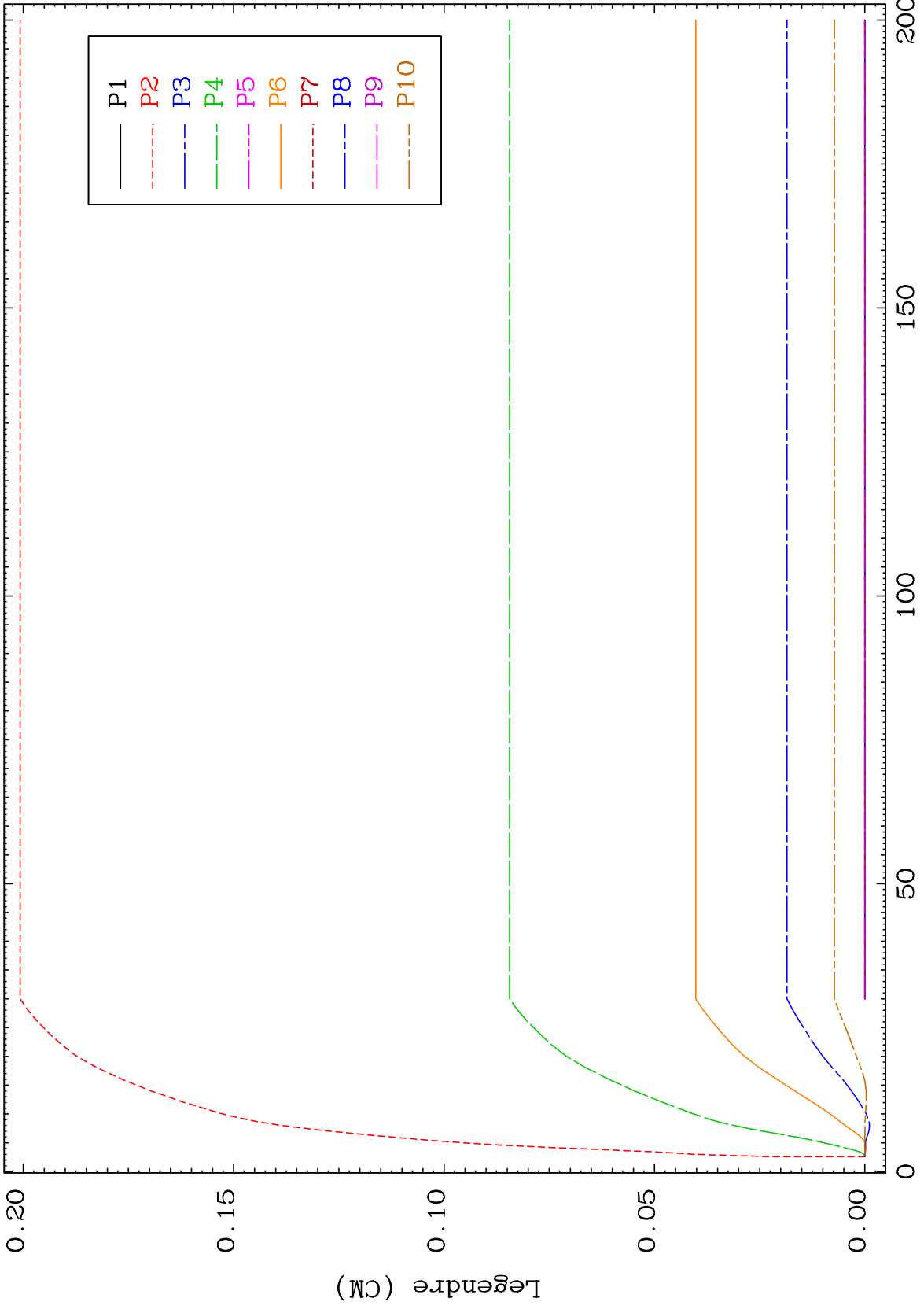
46-Pd-102



98

46-Pd-102

MAT 4625 MT= 72 (n,n') Level Legendre Coefficients 46-Pd-102

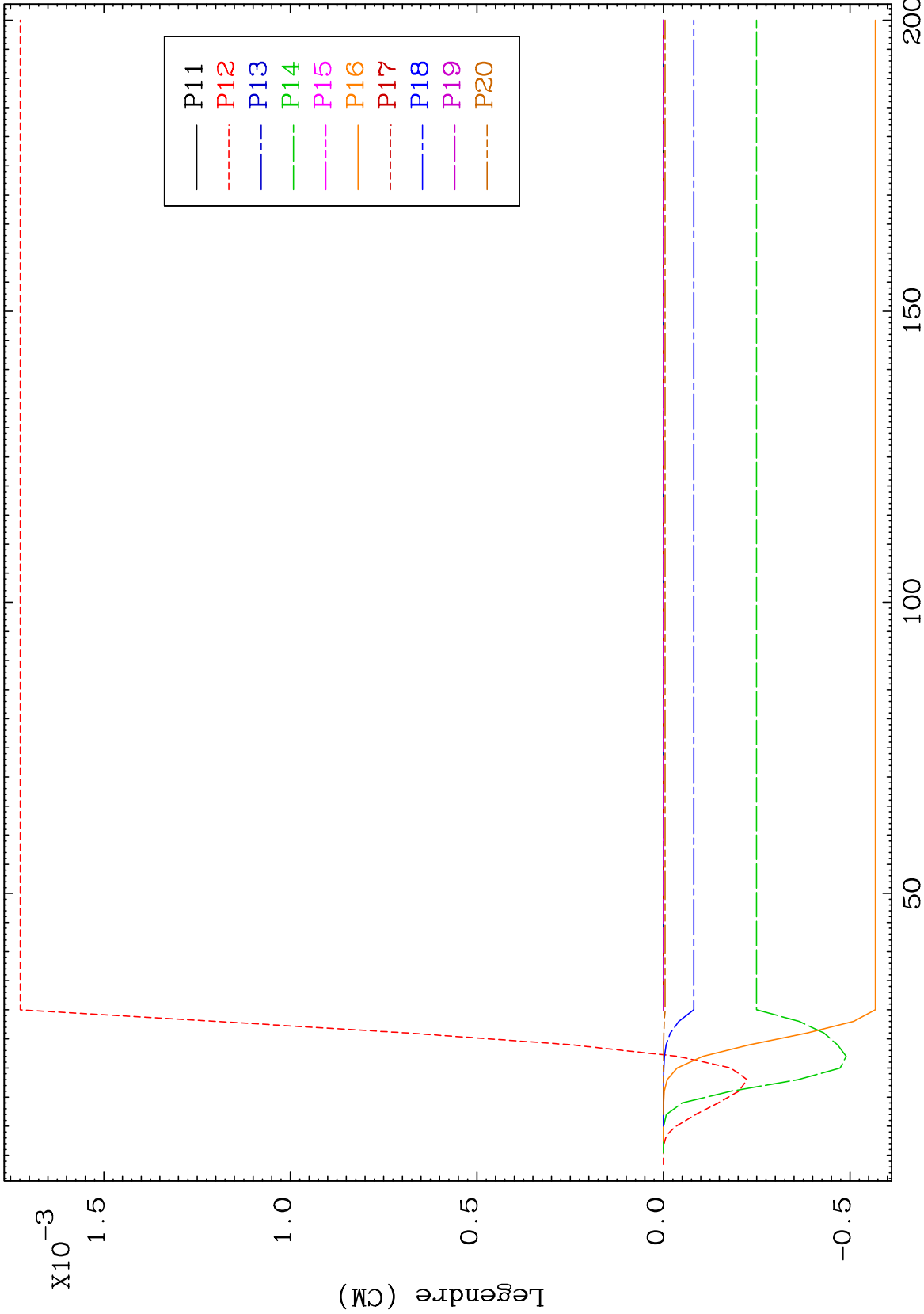


99 46-Pd-102

MAT 4625

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

46-Pd-102

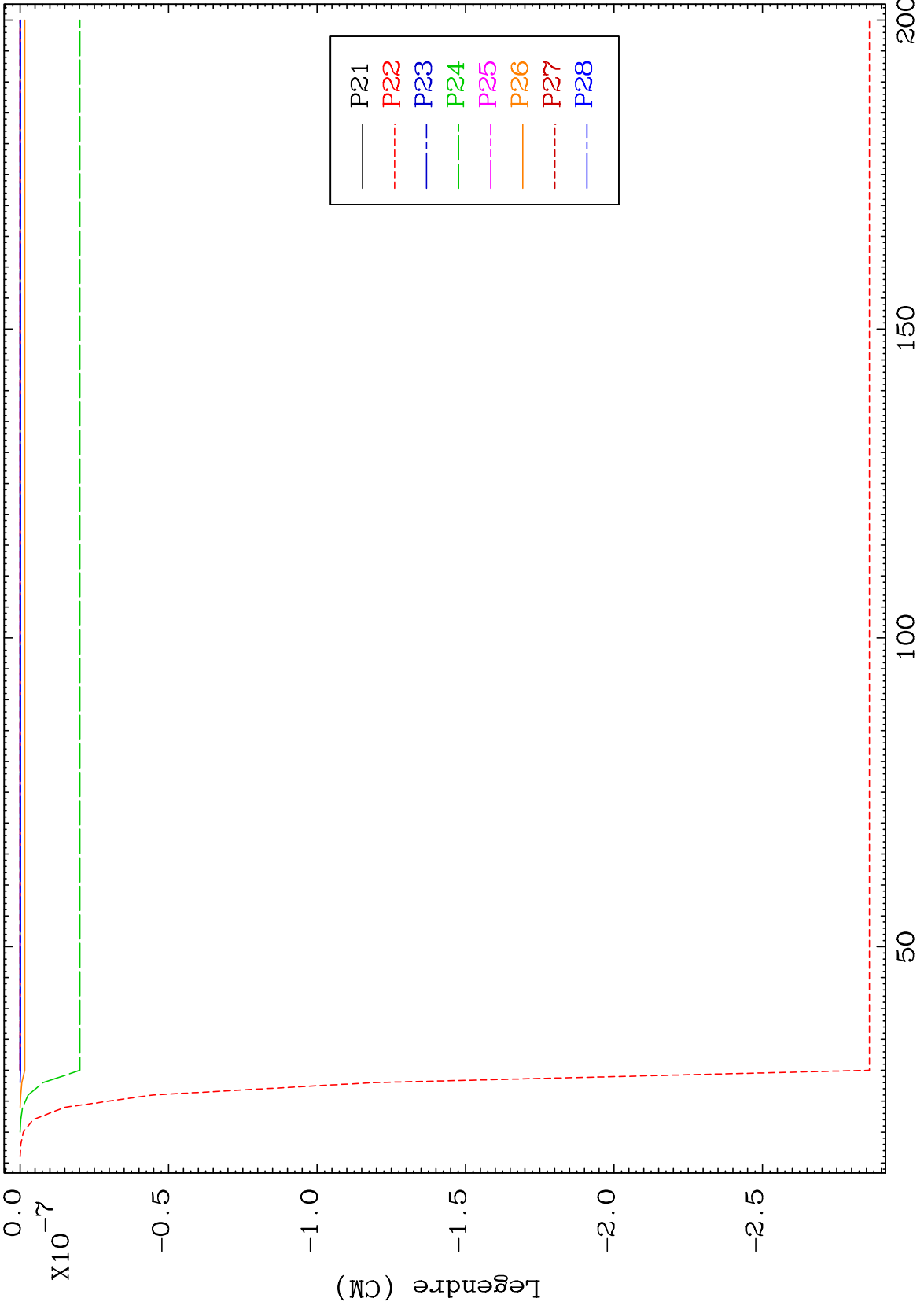


46-Pd-102

Incident Energy (MeV)

100

MAT 4625 MT= 72 (n,n') Level Legendre Coefficients 46-Pd-102

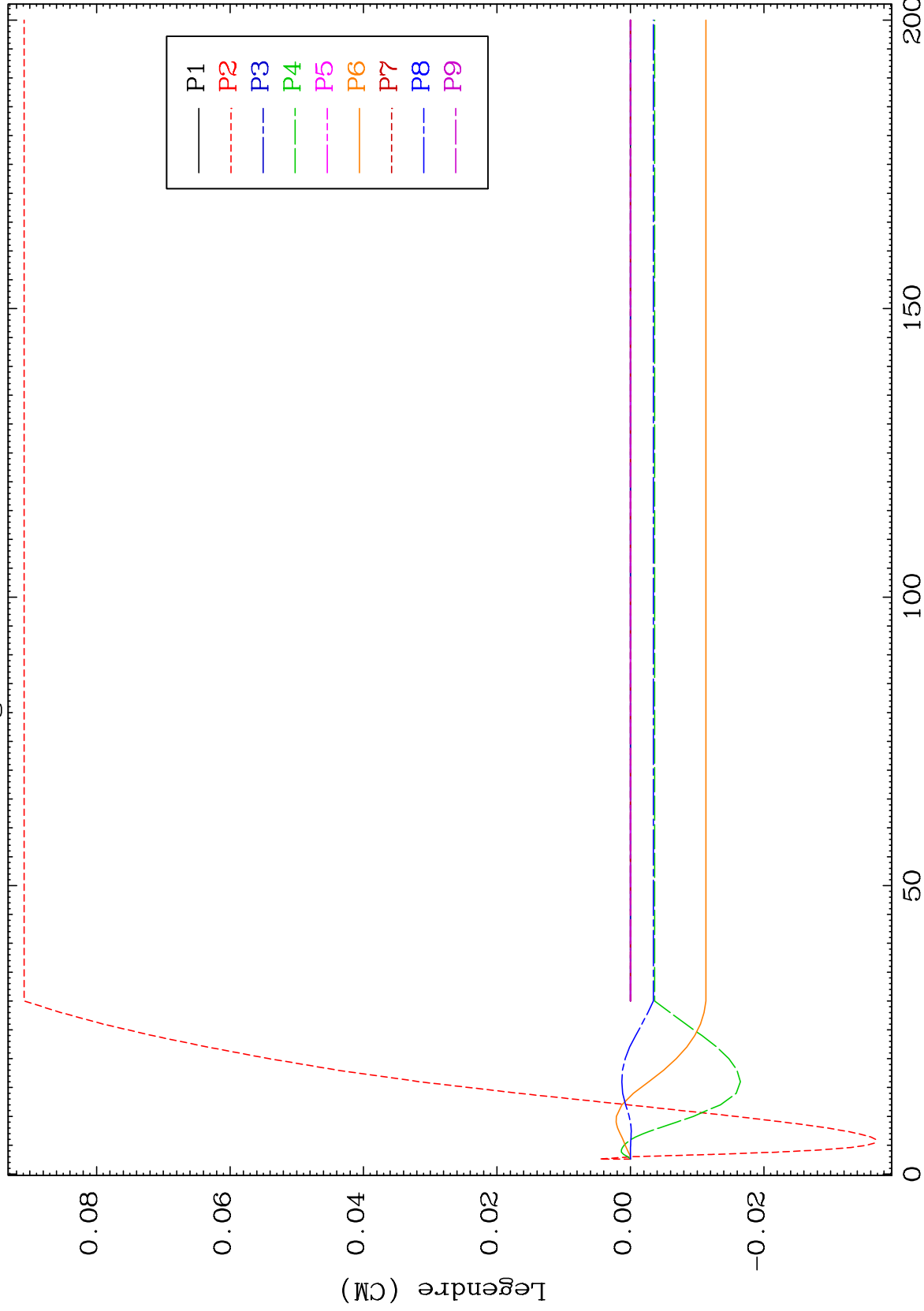


101 Incident Energy (MeV) 46-Pd-102

MAT 4625

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

46-Pd-102



46-Pd-102

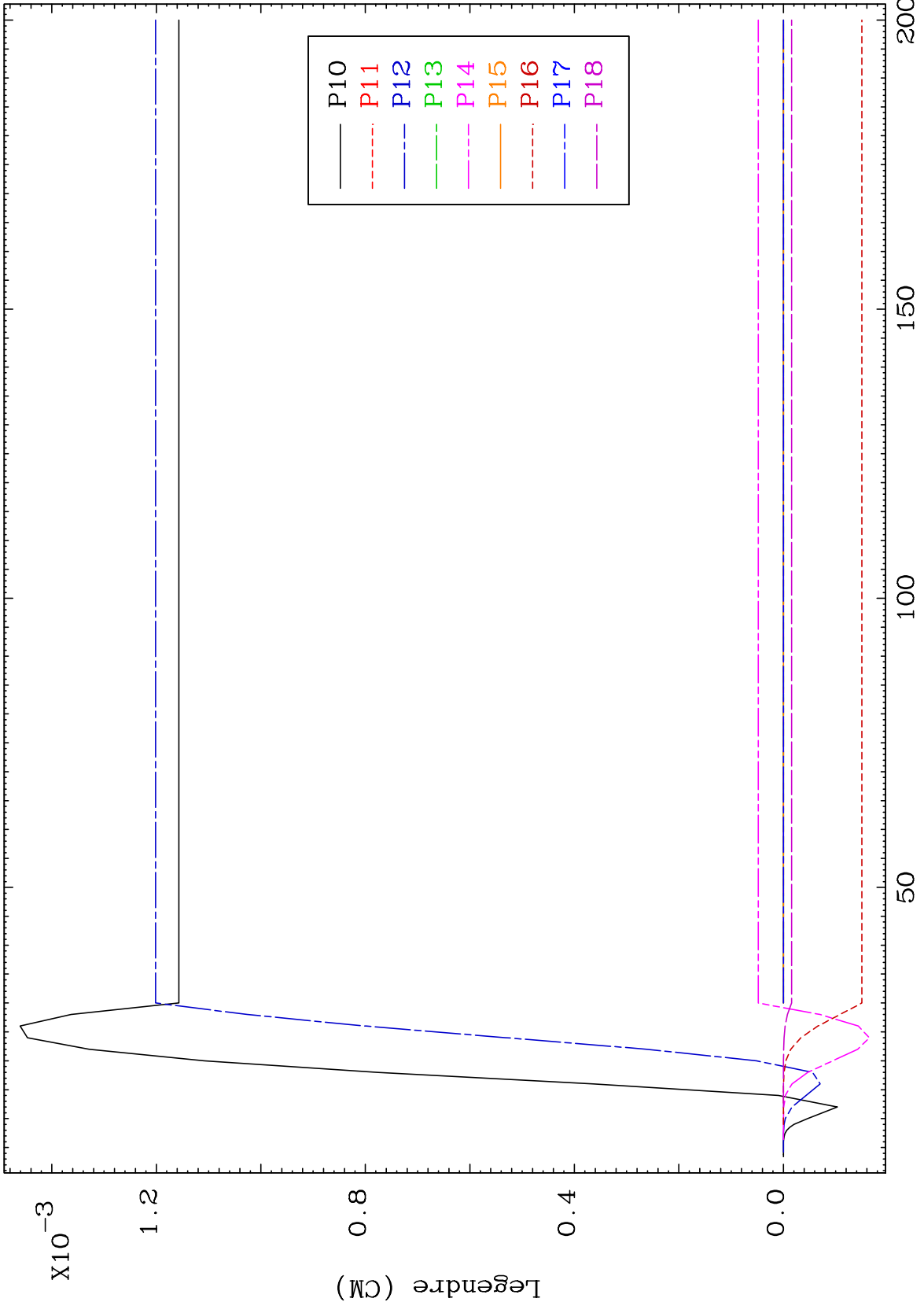
Incident Energy (MeV)

102

MAT 4625

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

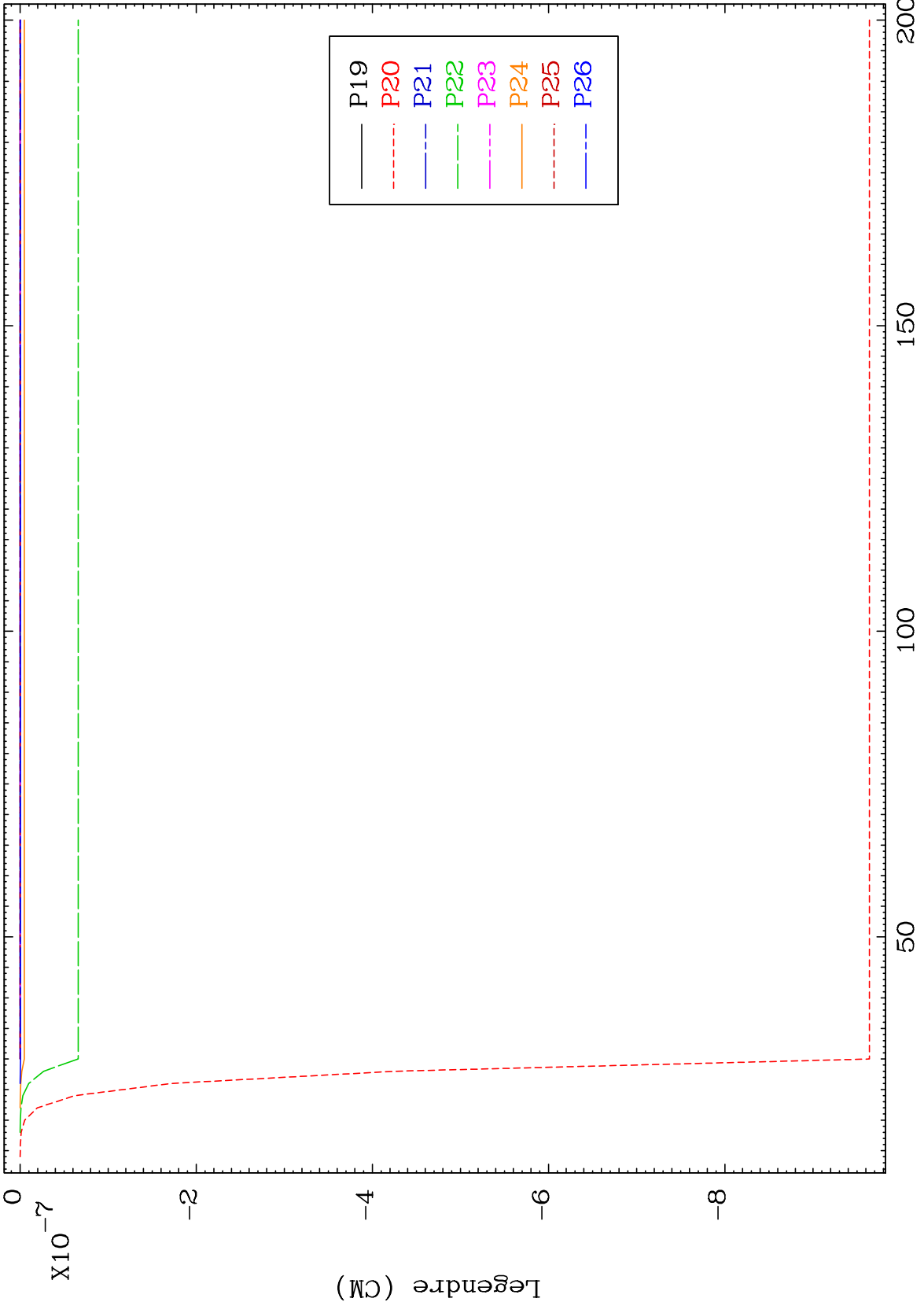
46-Pd-102



103

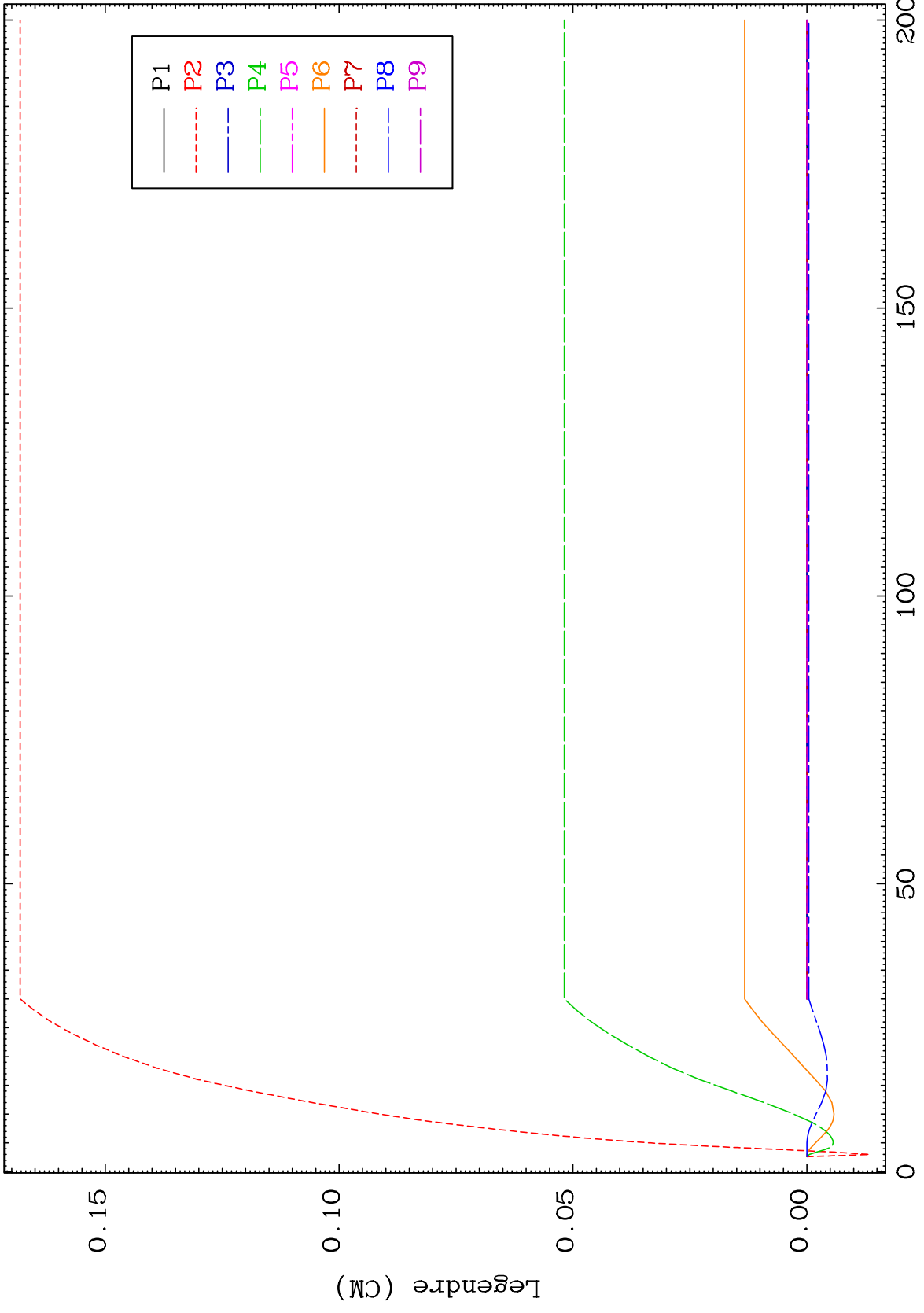
46-Pd-102

MAT 4625 MT= 73 (n,n') Level Legendre Coefficients 46-Pd-102



104 46-Pd-102

MAT 4625 MT= 74 (n,n') Level Legendre Coefficients 46-Pd-102

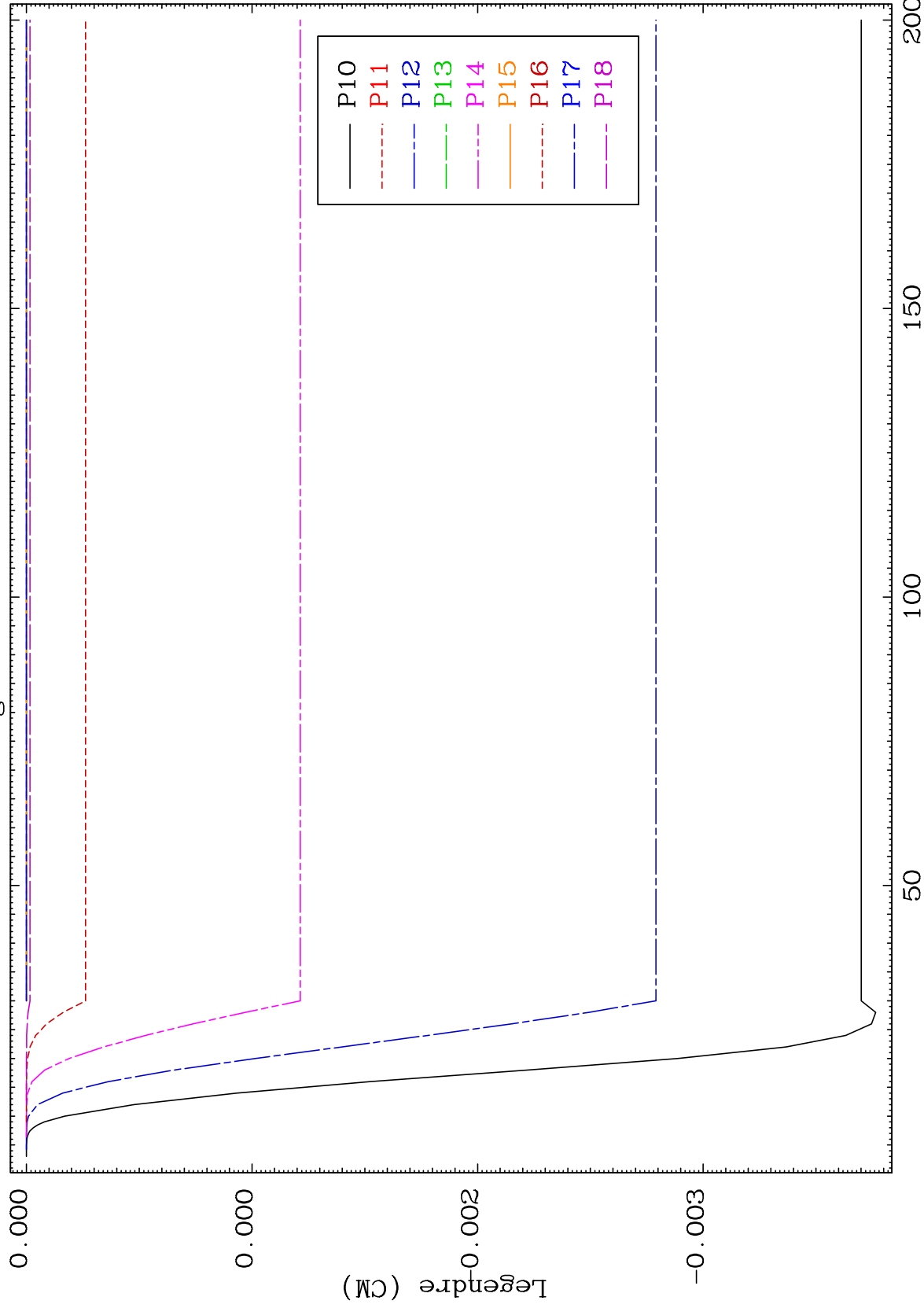


Legendre (CM) Incident Energy (MeV) 46-Pd-102

MAT 4625

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

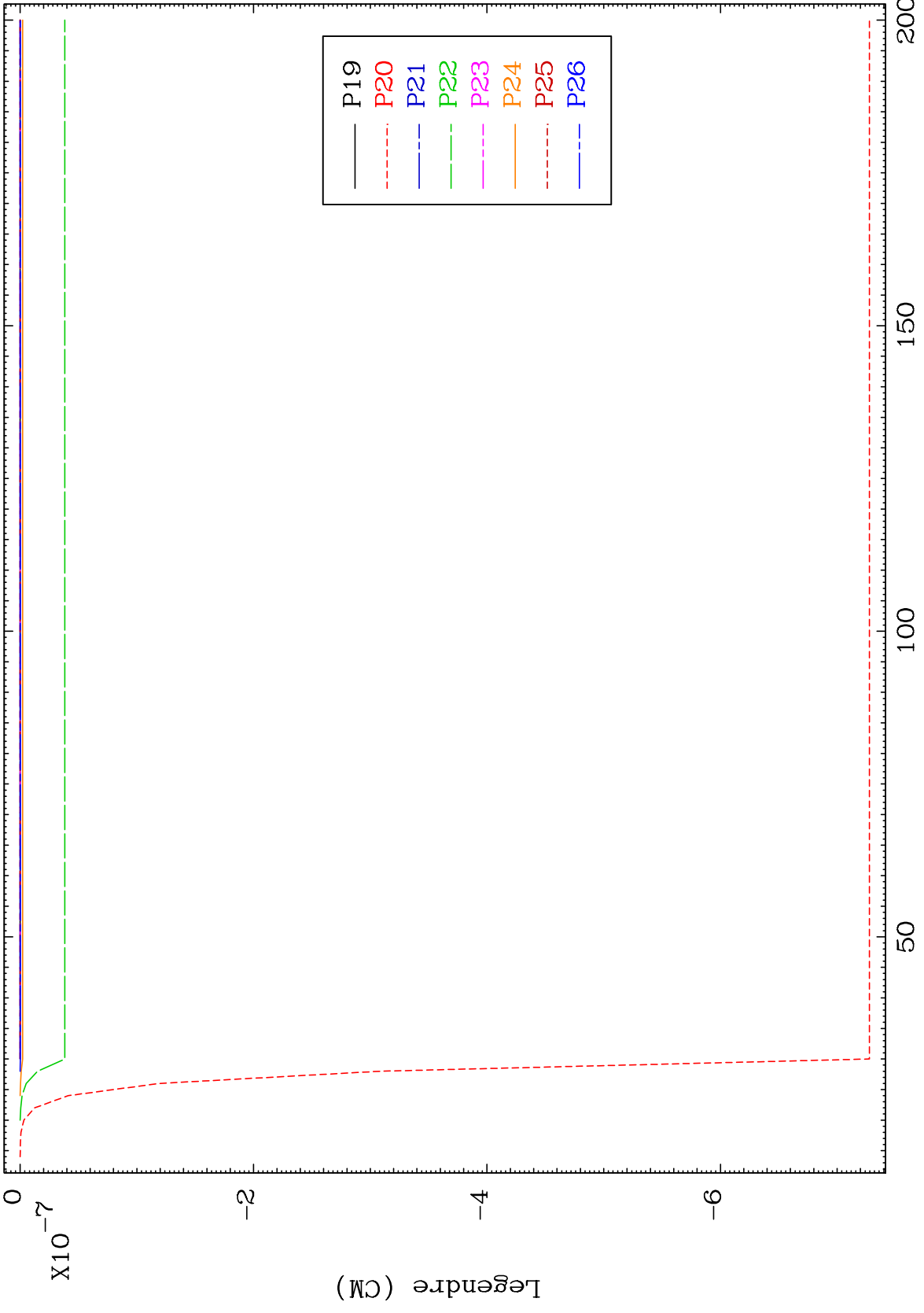
46-Pd-102



106

46-Pd-102

MAT 4625 MT= 74 (n,n') Level Legendre Coefficients 46-Pd-102

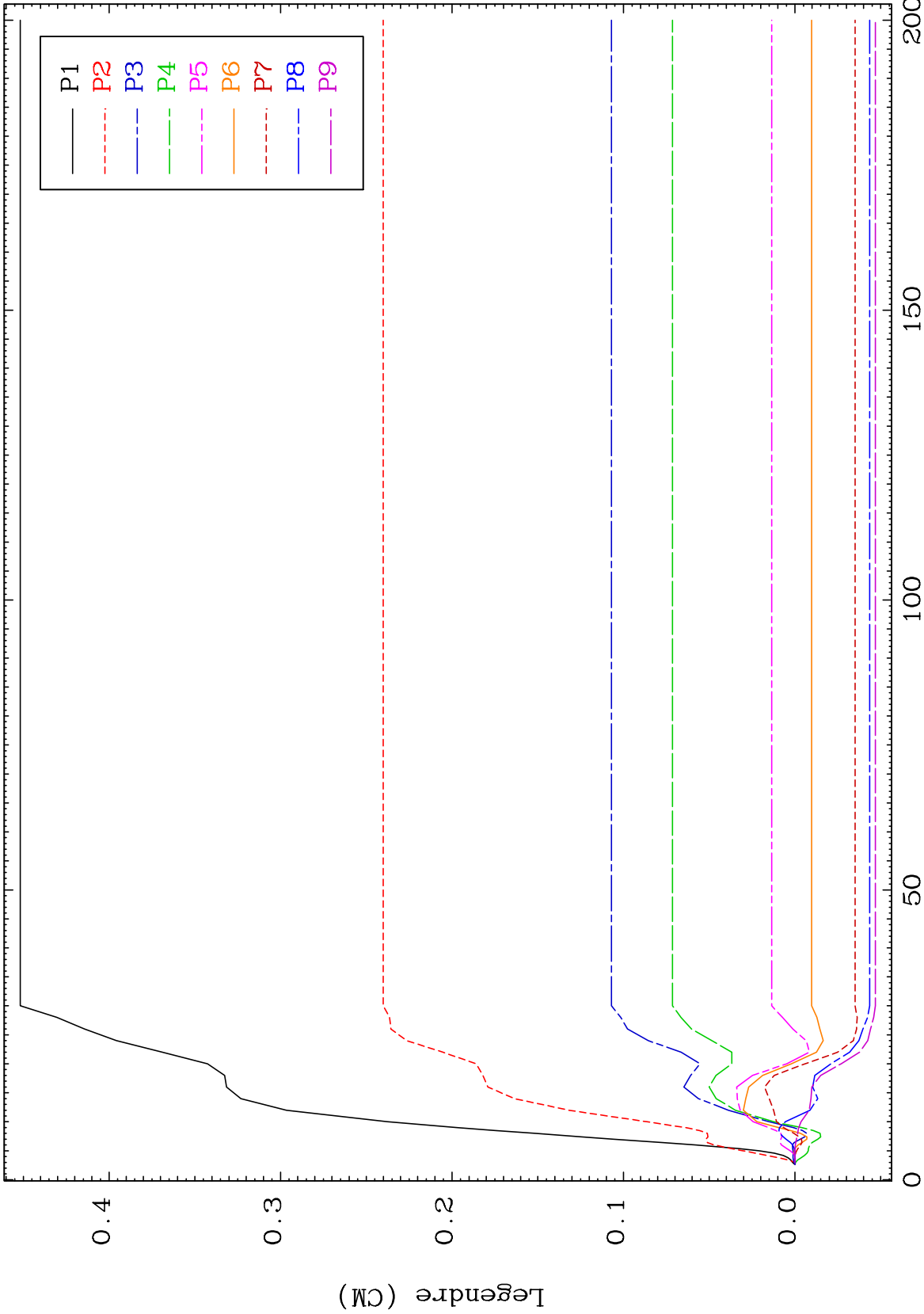


107 46-Pd-102

MAT 4625

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

46-Pd-102



108

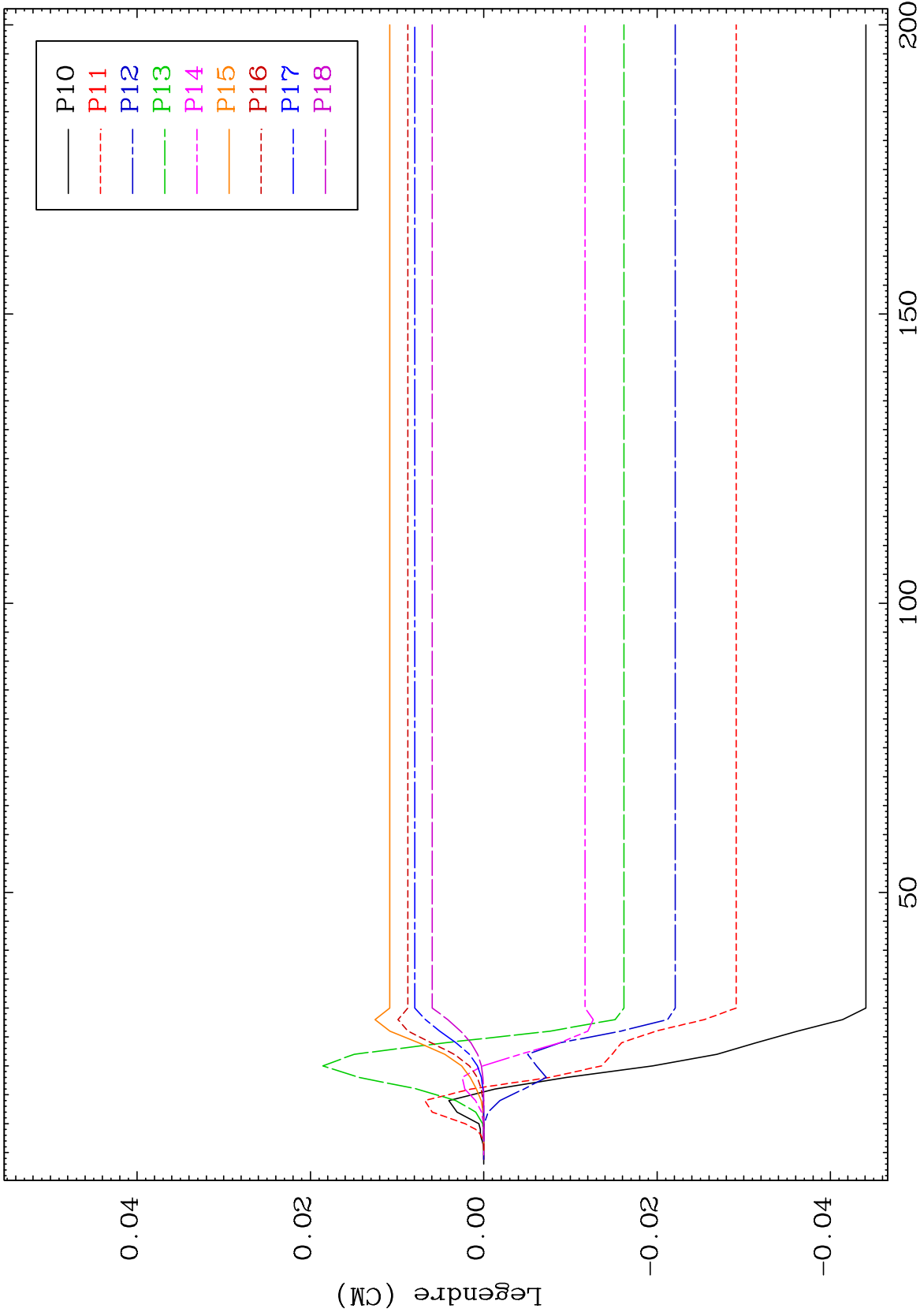
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



109

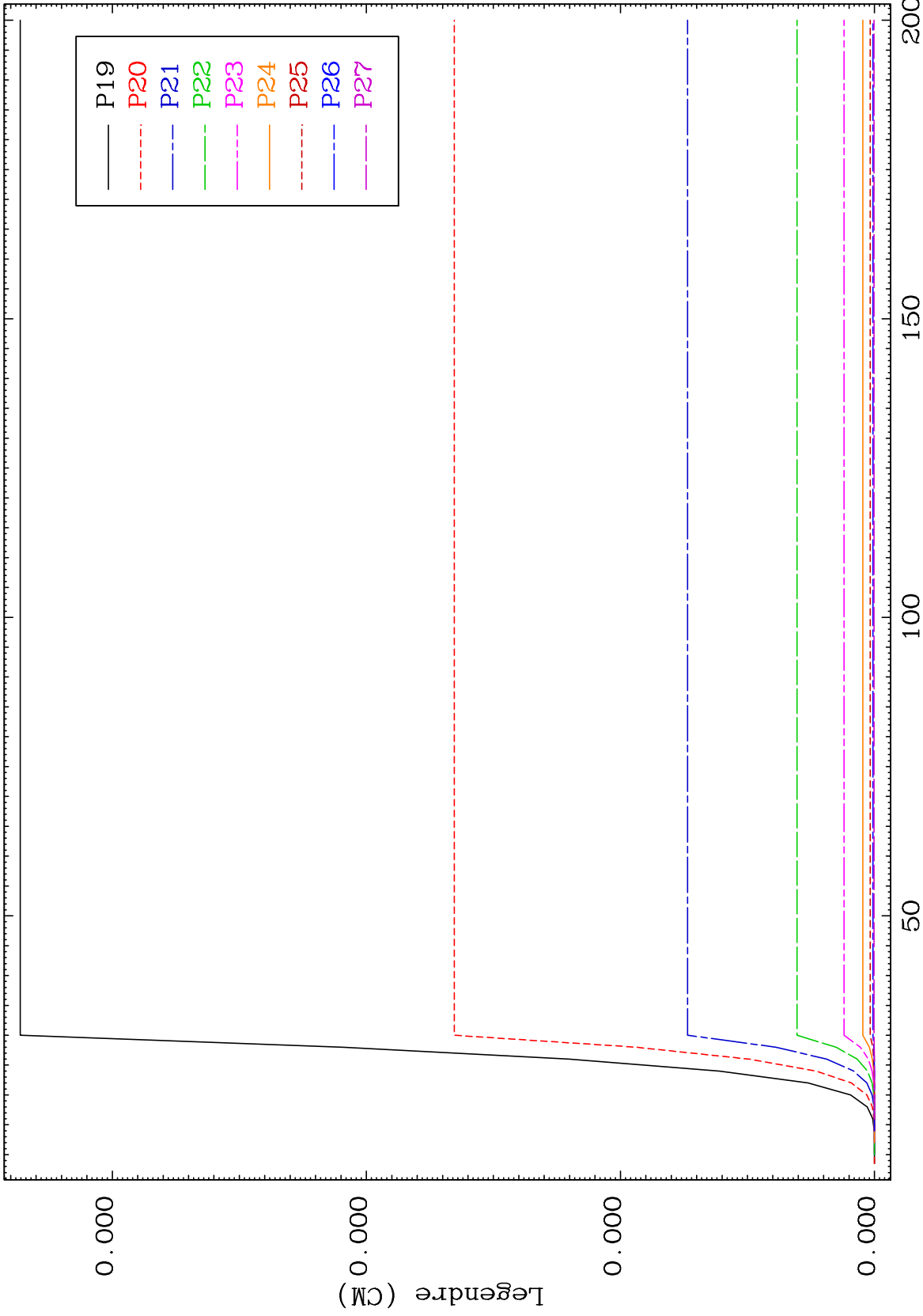
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



110

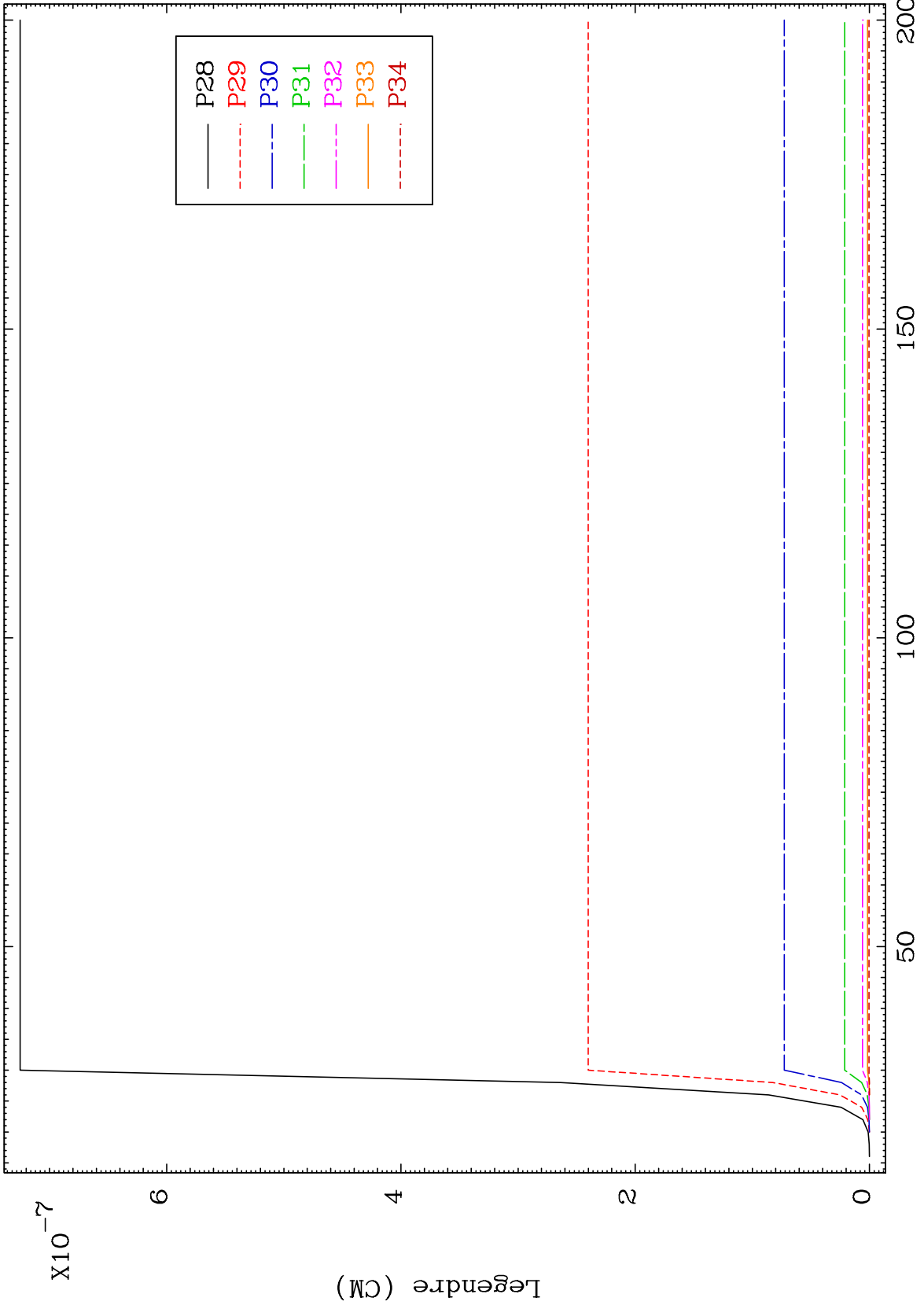
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



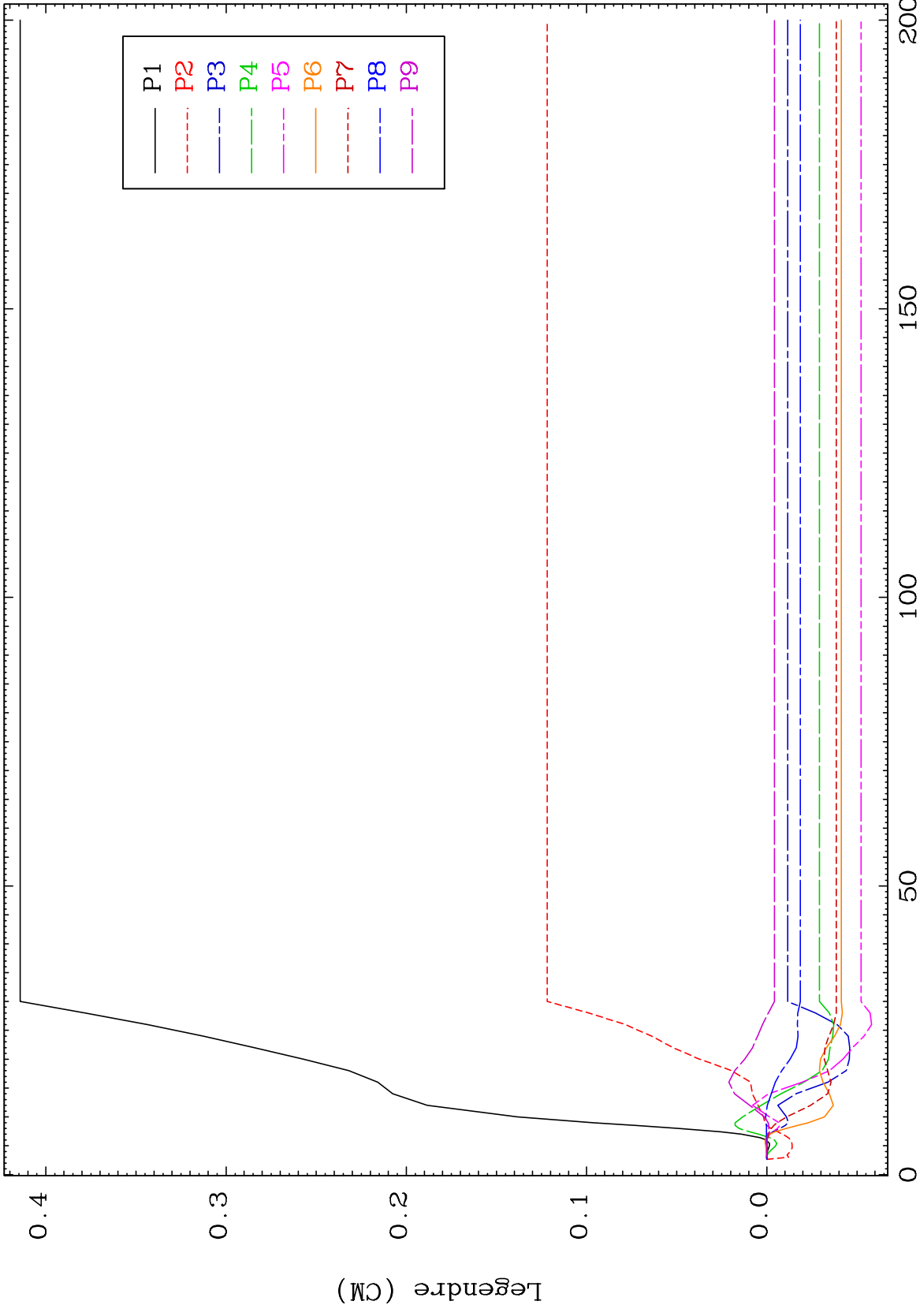
111

46-Pd-102

MAT 4625

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

46-Pd-102



112

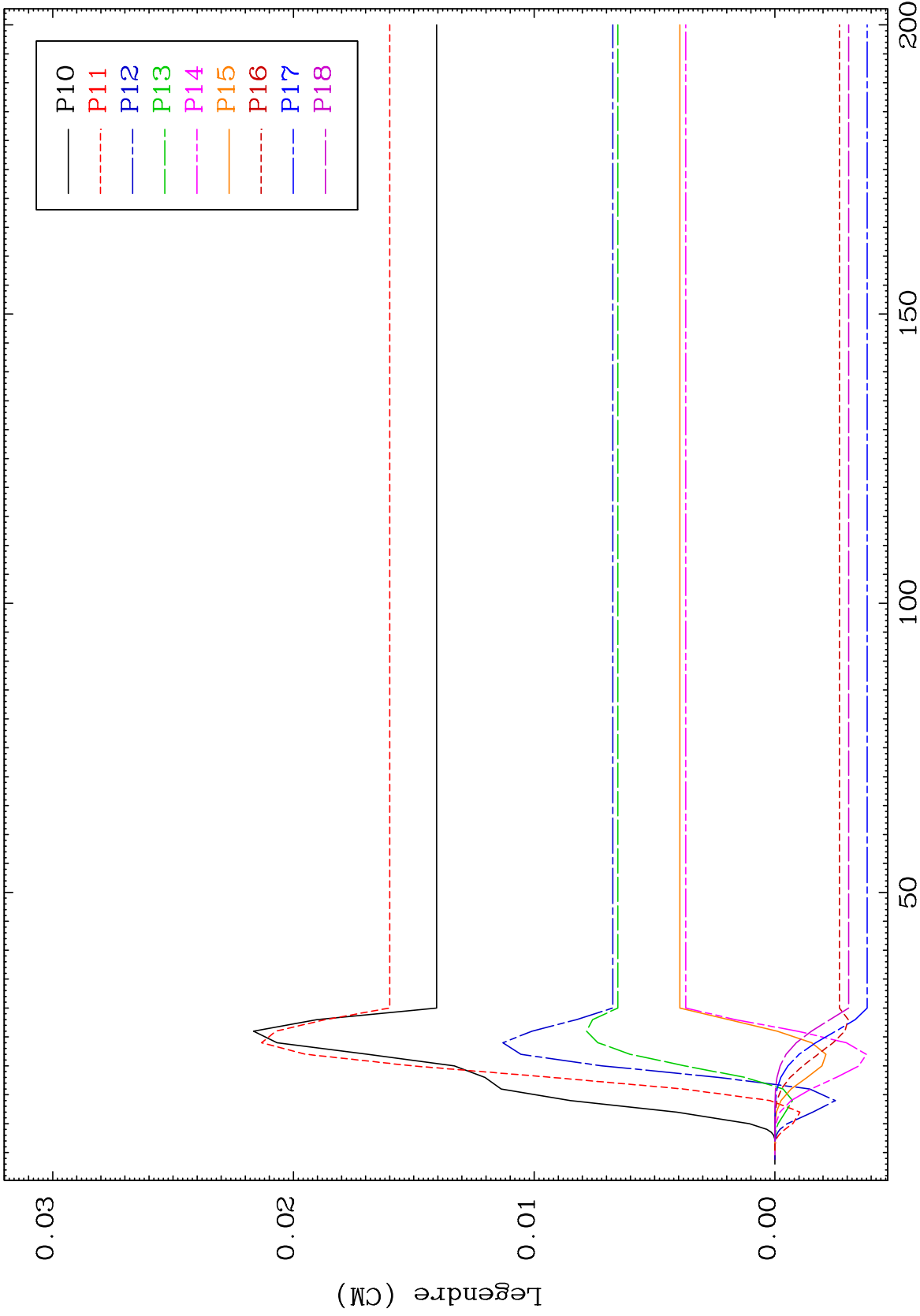
Incident Energy (MeV)

46-Pd-102

MAT 4625

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

46-Pd-102



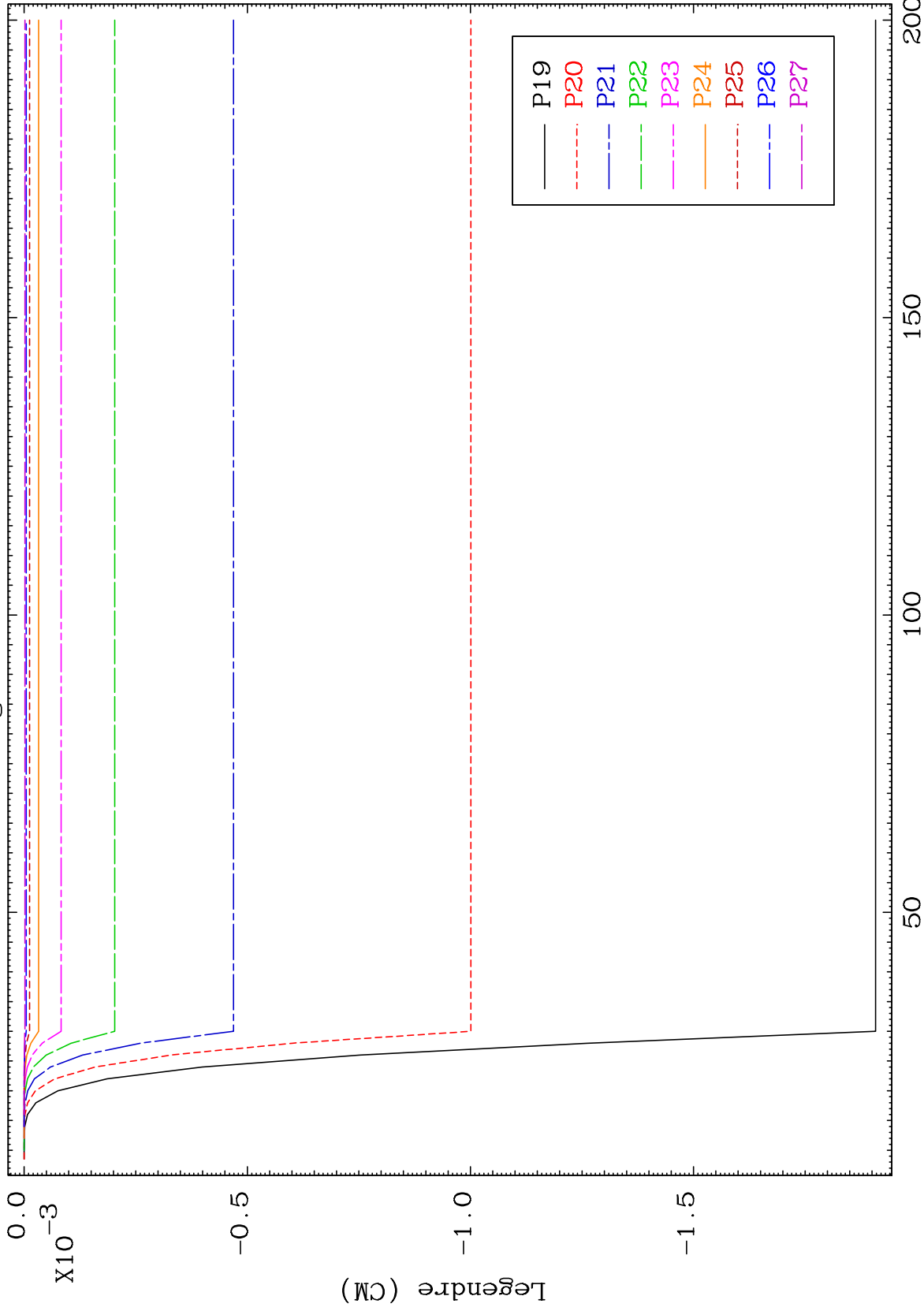
113

46-Pd-102

MAT 4625

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

46-Pd-102

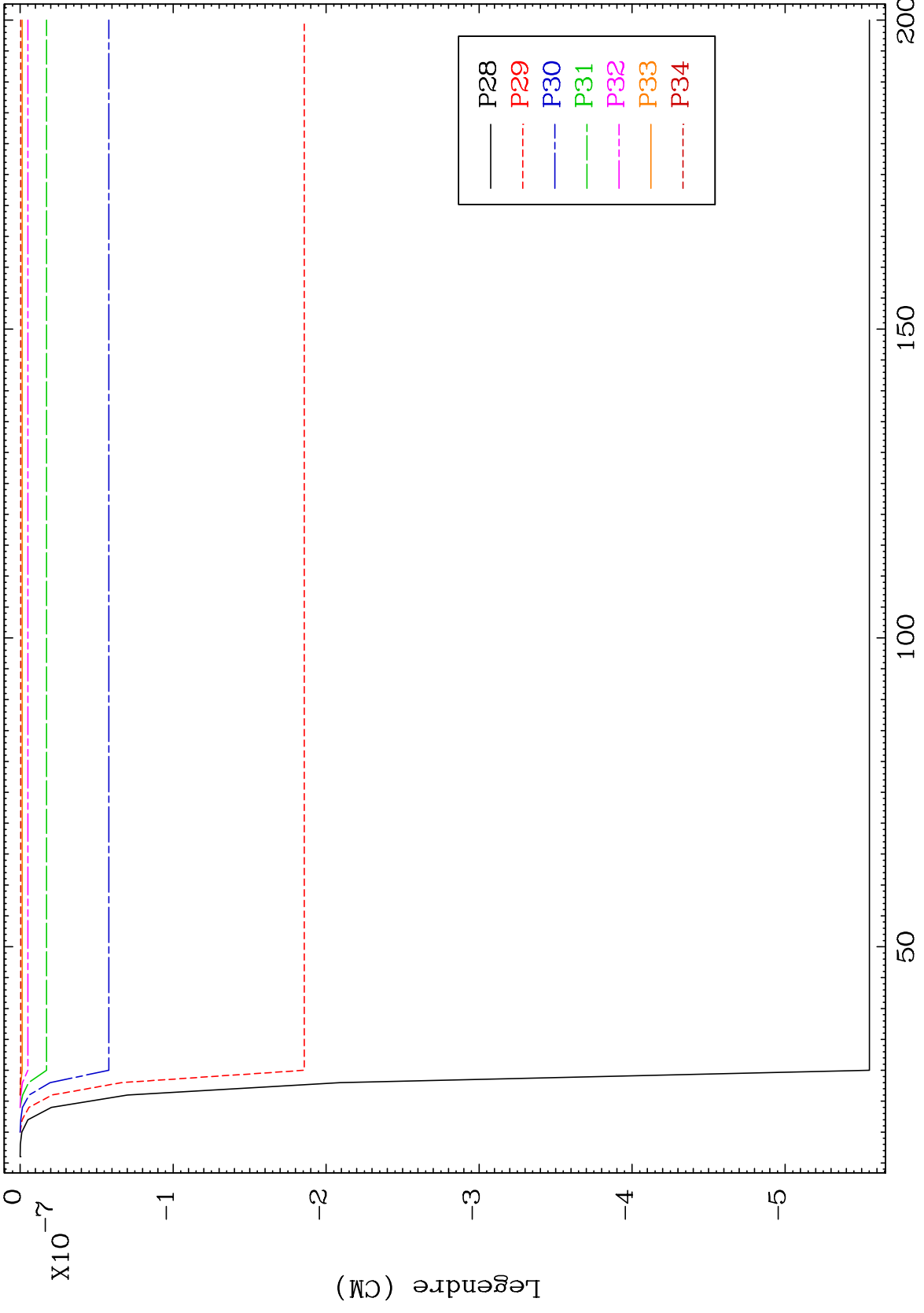


46-Pd-102

Incident Energy (MeV)

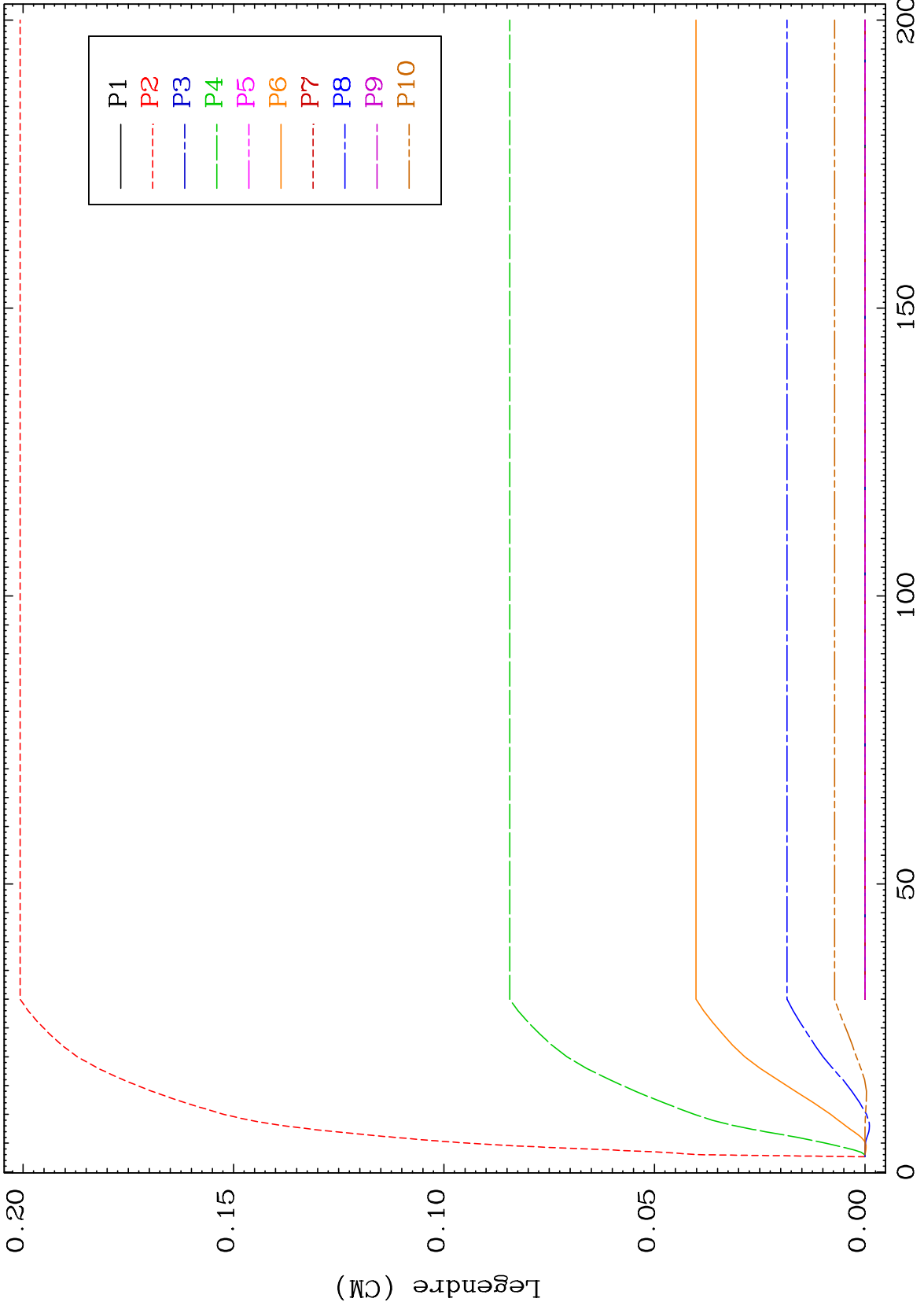
114

MAT 4625 MT= 76 (n,n') Level Legendre Coefficients 46-Pd-102



115 Incident Energy (MeV) 46-Pd-102

MAT 4625 MT= 77 (n,n') Level Legendre Coefficients 46-Pd-102

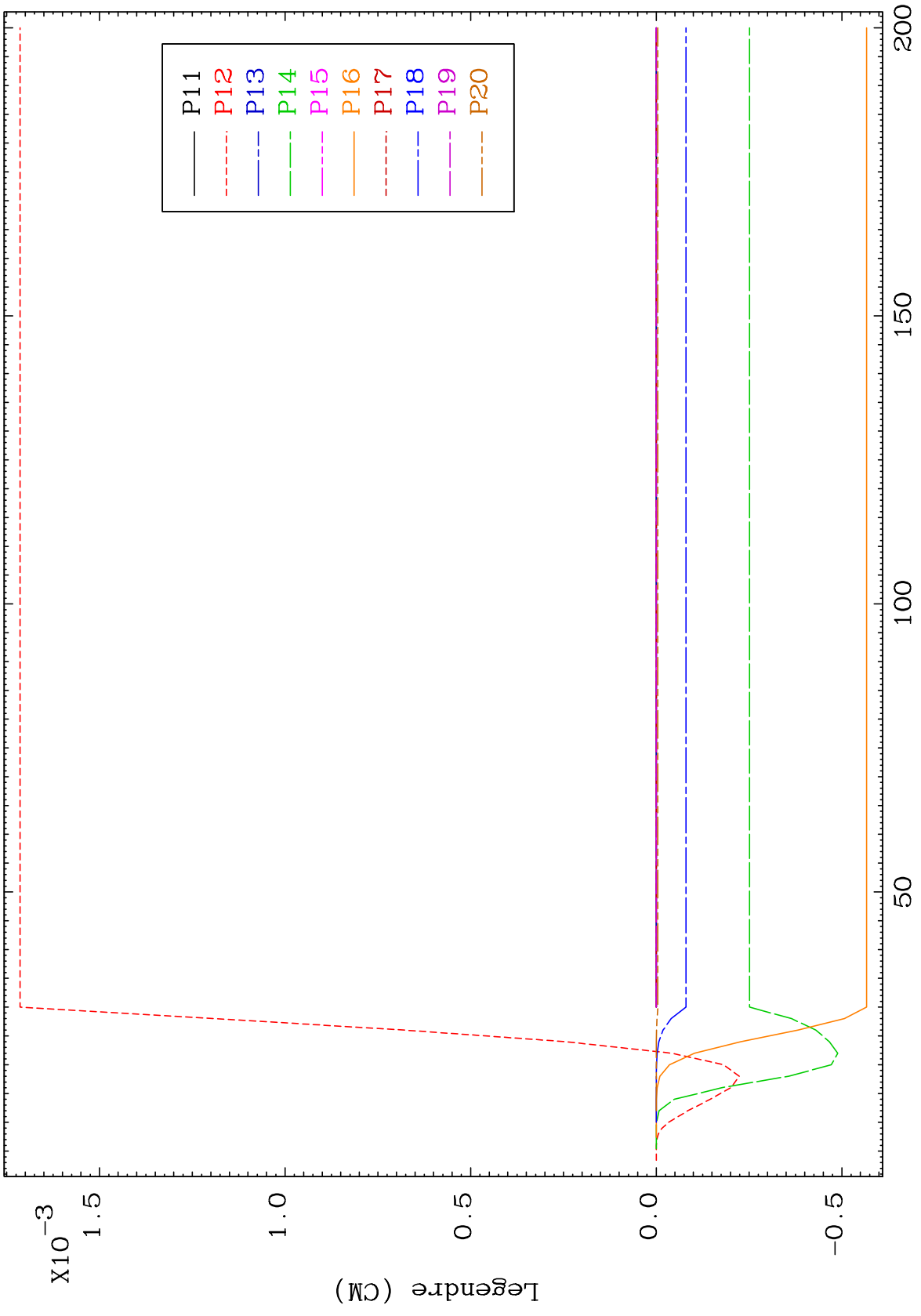


116 Incident Energy (MeV) 46-Pd-102

MAT 4625

MT= 77 (n,n') Level
Legendre Coefficients

46-Pd-102



117

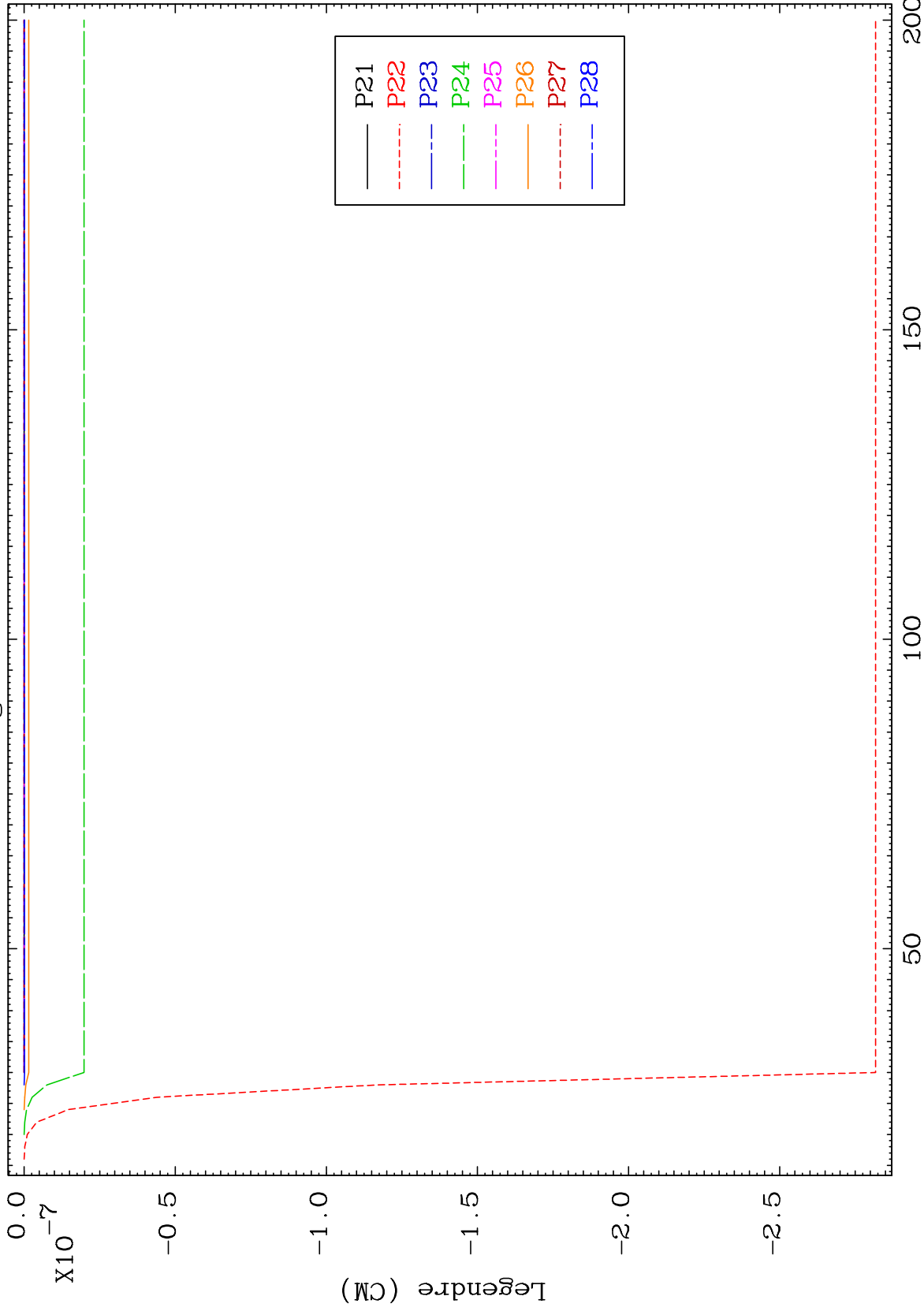
Incident Energy (MeV)

46-Pd-102

MAT 4625

MT= 77 (n,n') Level
Legendre Coefficients

46-Pd-102



118

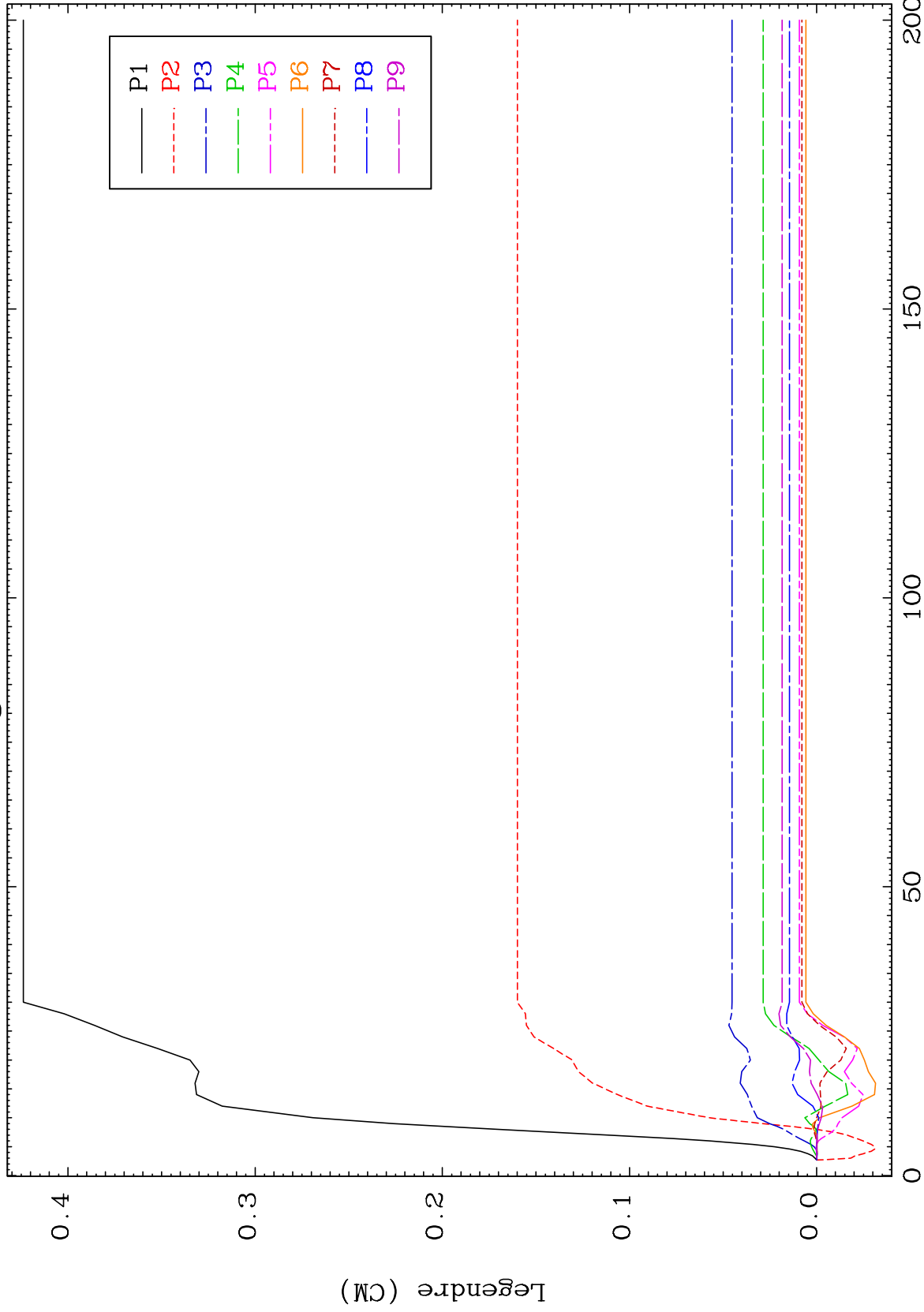
Incident Energy (MeV)

46-Pd-102

MAT 4625

MT= 78 (n,n') Level
Legendre Coefficients

46-Pd-102



119

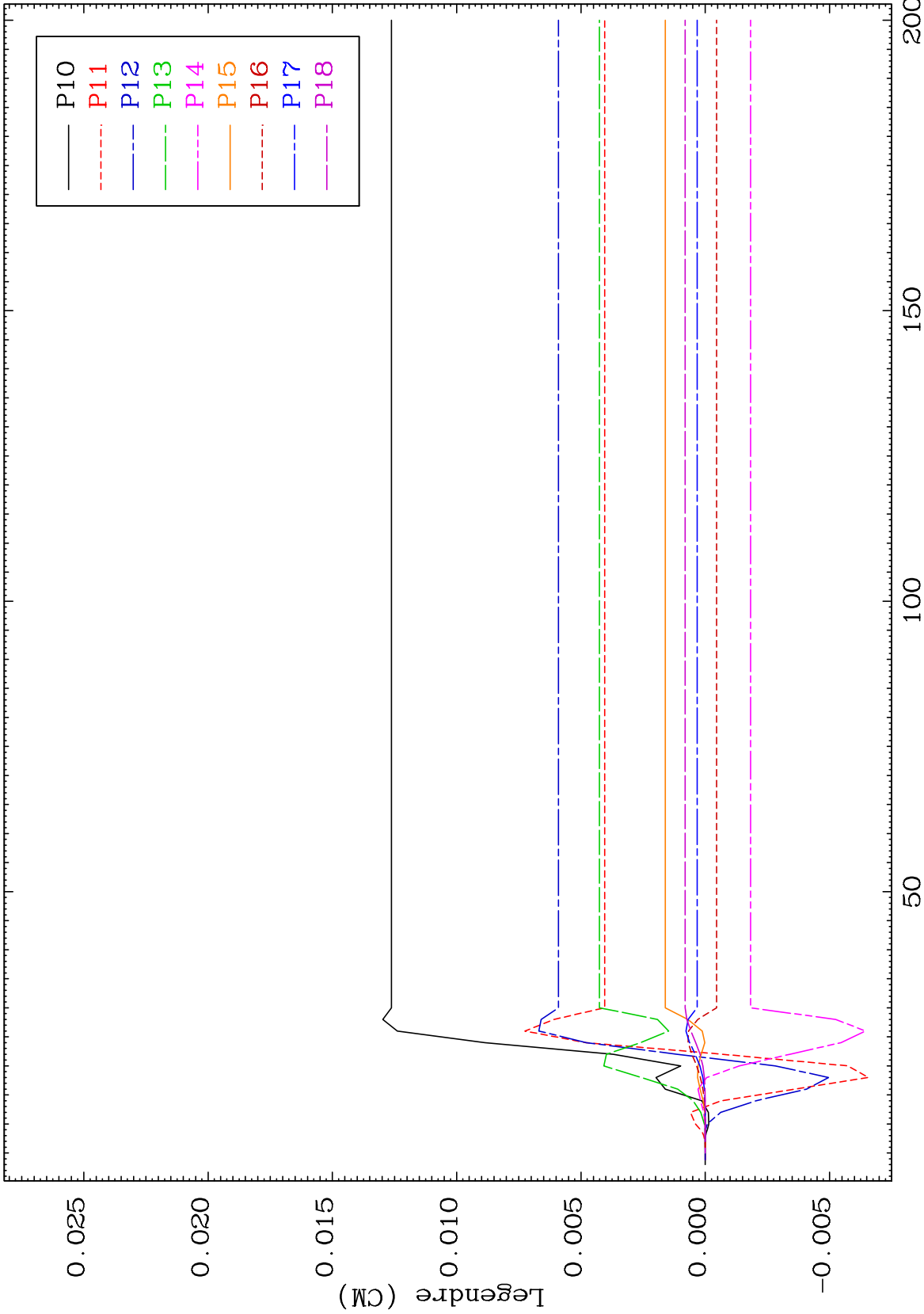
Incident Energy (MeV)

46-Pd-102

MAT 4625

MT= 78 (n,n') Level
Legendre Coefficients

46-Pd-102



120

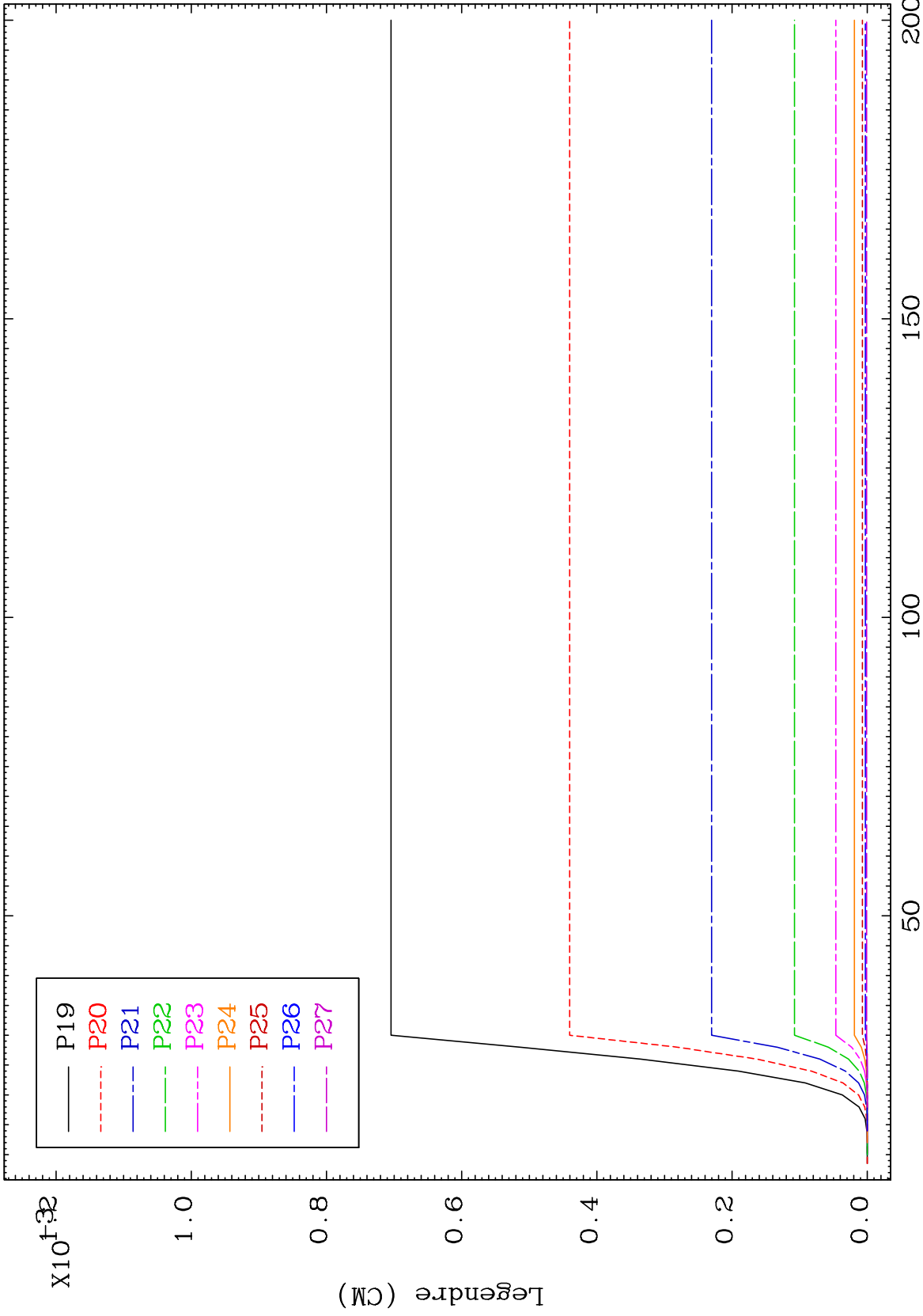
Incident Energy (MeV)

46-Pd-102

MAT 4625

MT= 78 (n,n') Level
Legendre Coefficients

46-Pd-102



121

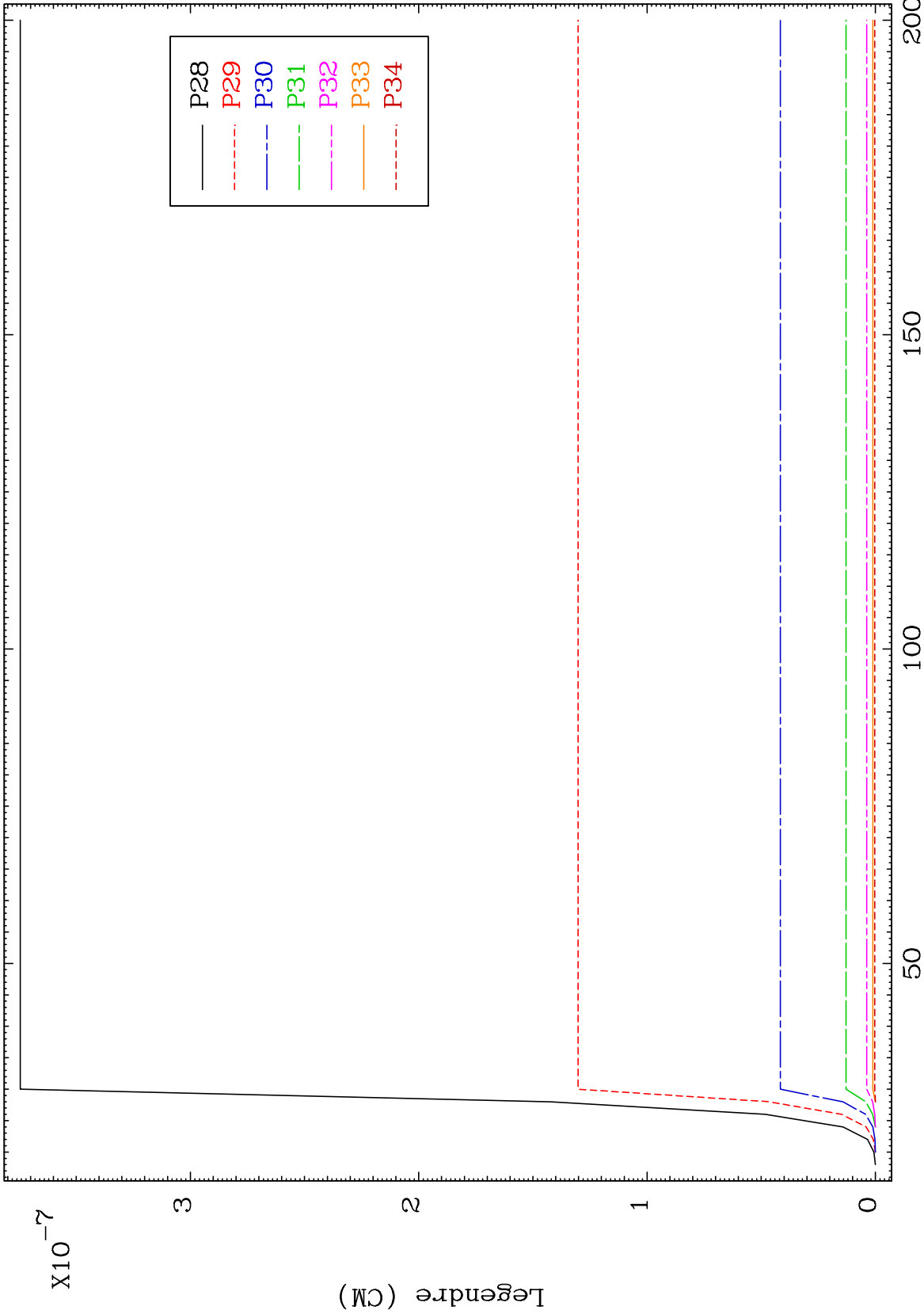
Incident Energy (MeV)

46-Pd-102

MAT 4625

MT= 78 (n,n') Level
Legendre Coefficients

46-Pd-102



122

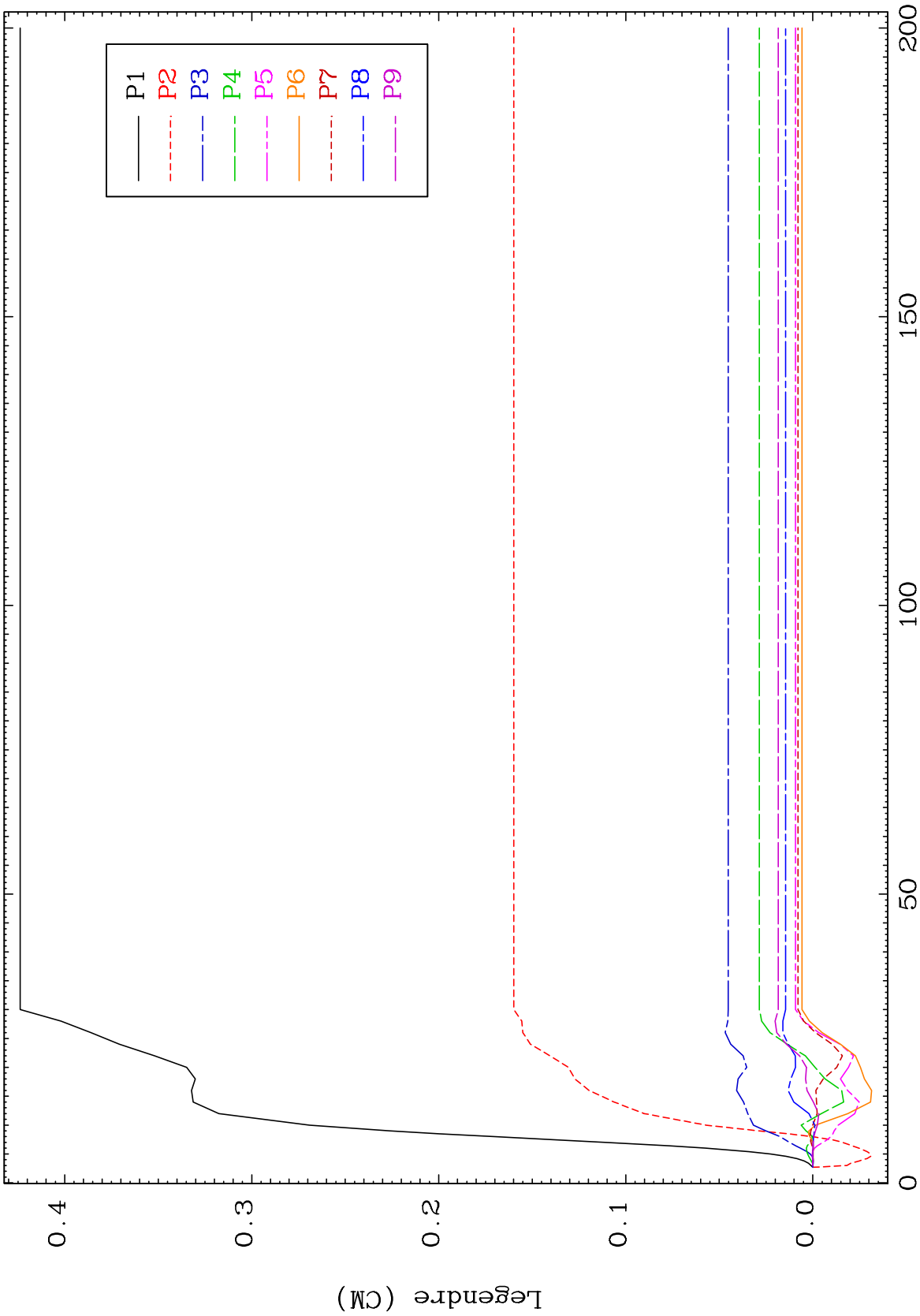
Incident Energy (MeV)

46-Pd-102

MAT 4625

MT= 79 (n,n') Level
Legendre Coefficients

46-Pd-102



123

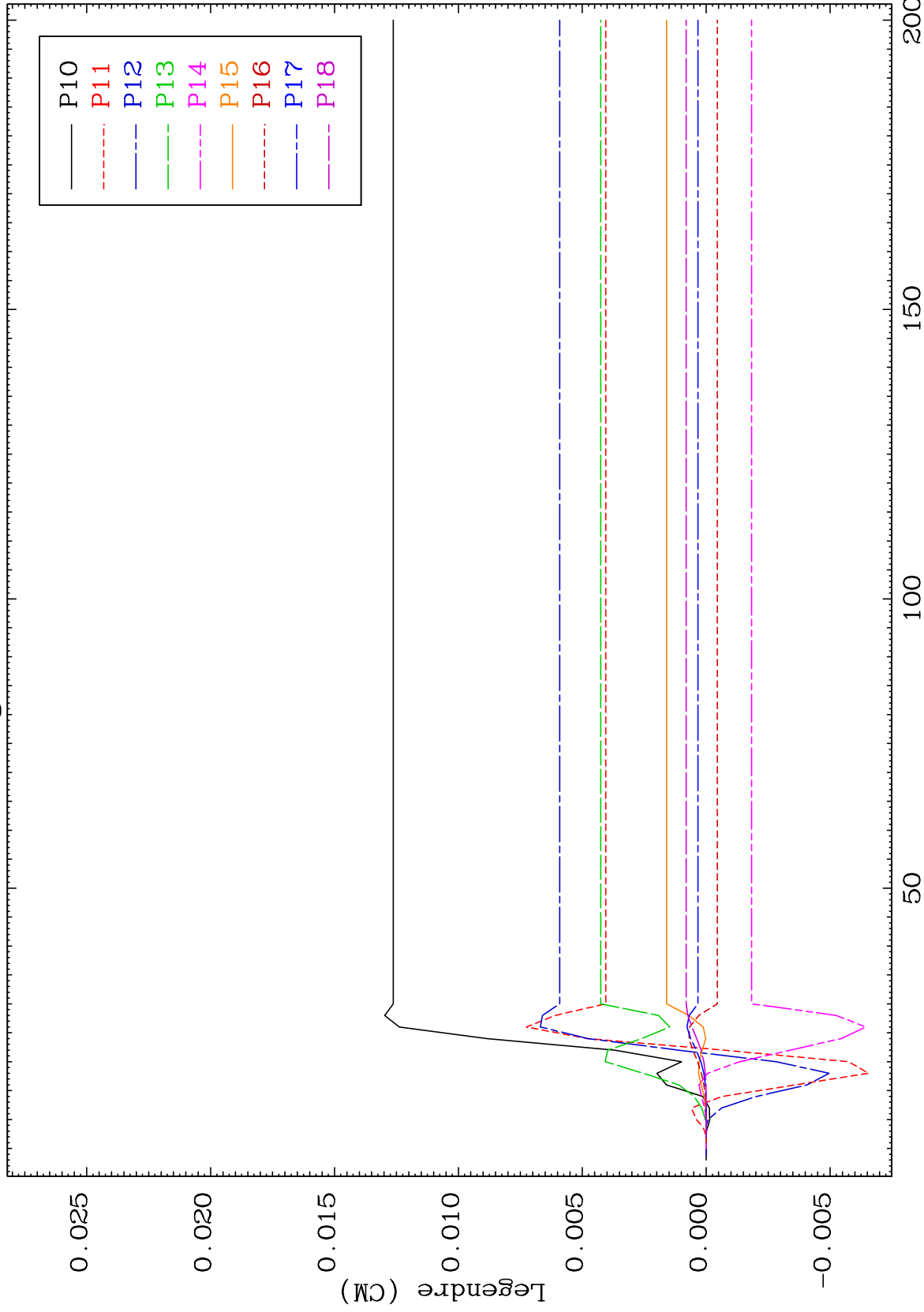
Incident Energy (MeV)

46-Pd-102

MAT 4625

MT= 79 (n,n') Level
Legendre Coefficients

46-Pd-102



124

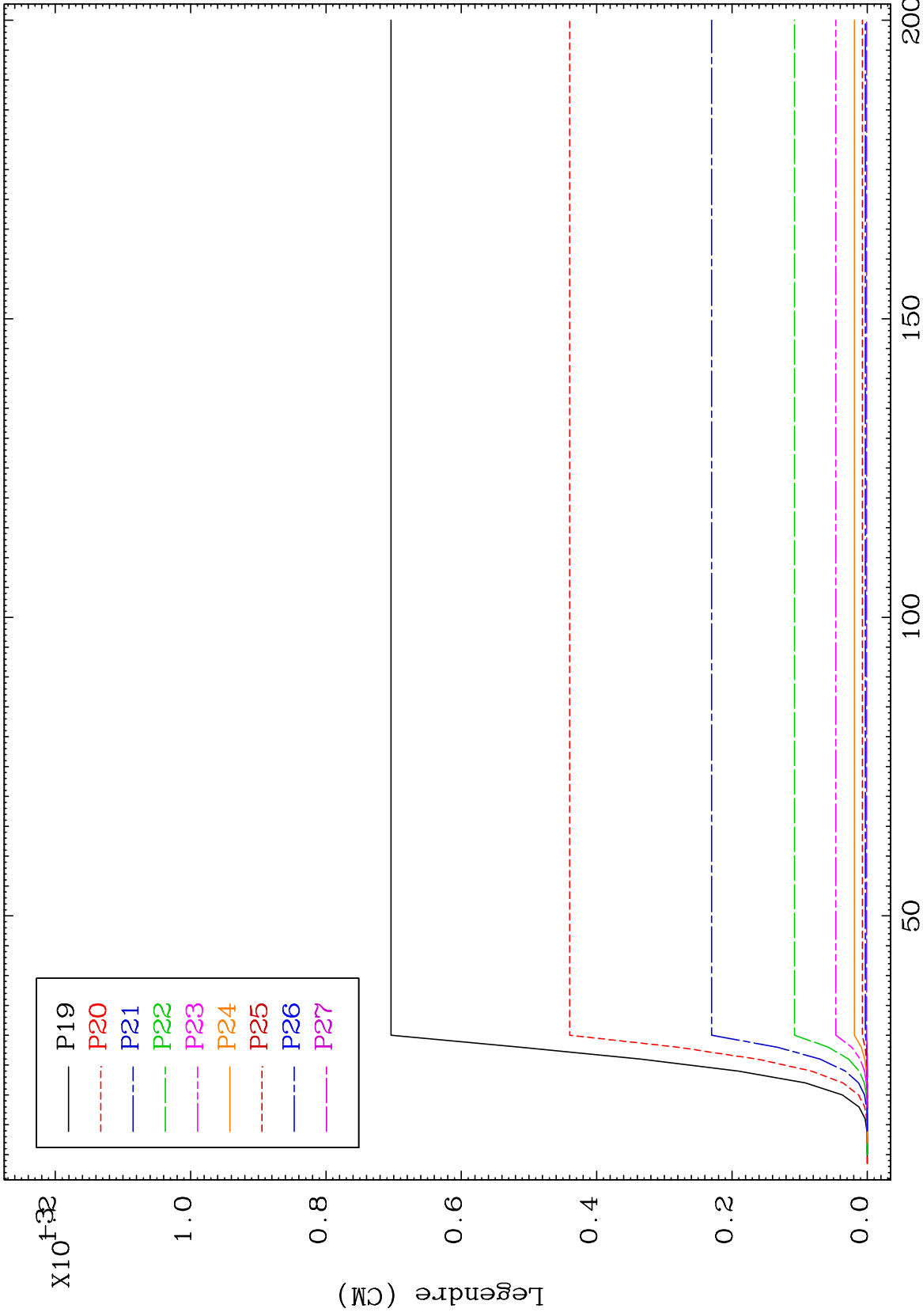
Incident Energy (MeV)

46-Pd-102

MAT 4625

MT= 79 (n,n') Level
Legendre Coefficients

46-Pd-102



125

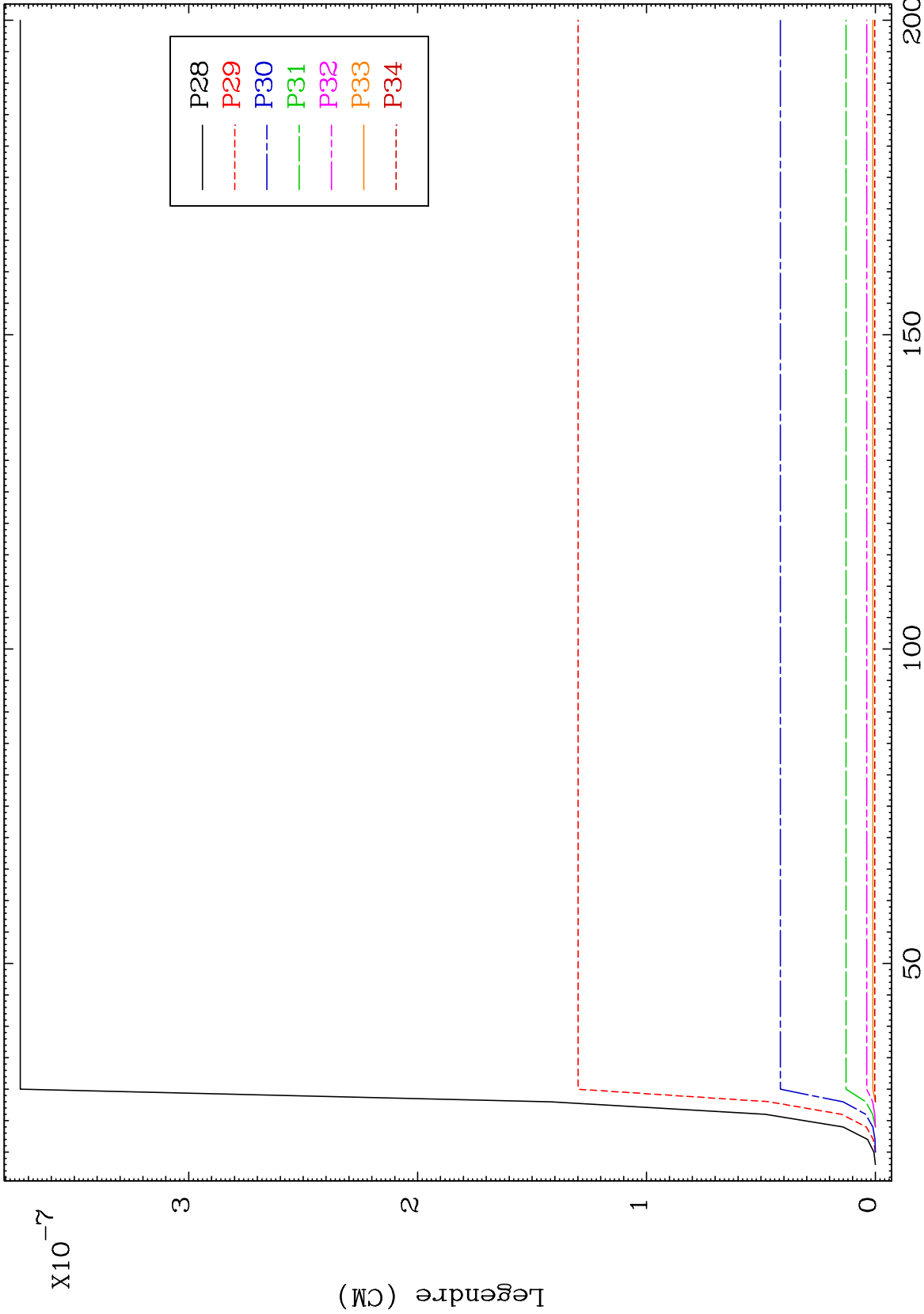
Incident Energy (MeV)

46-Pd-102

MAT 4625

MT= 79 (n,n') Level
Legendre Coefficients

46-Pd-102



126

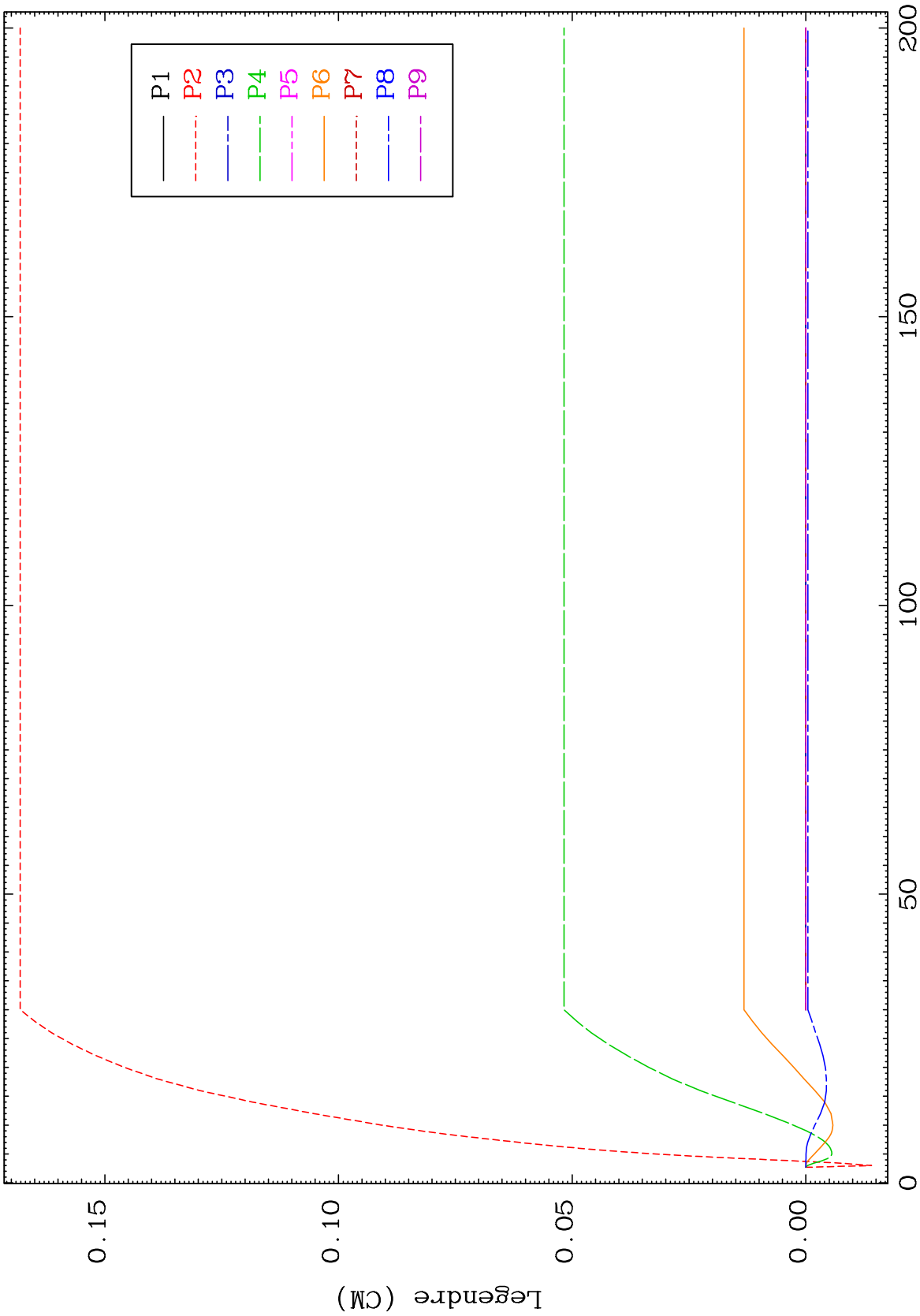
Incident Energy (MeV)

46-Pd-102

MAT 4625

MT= 80 (n,n') Level
Legendre Coefficients

46-Pd-102

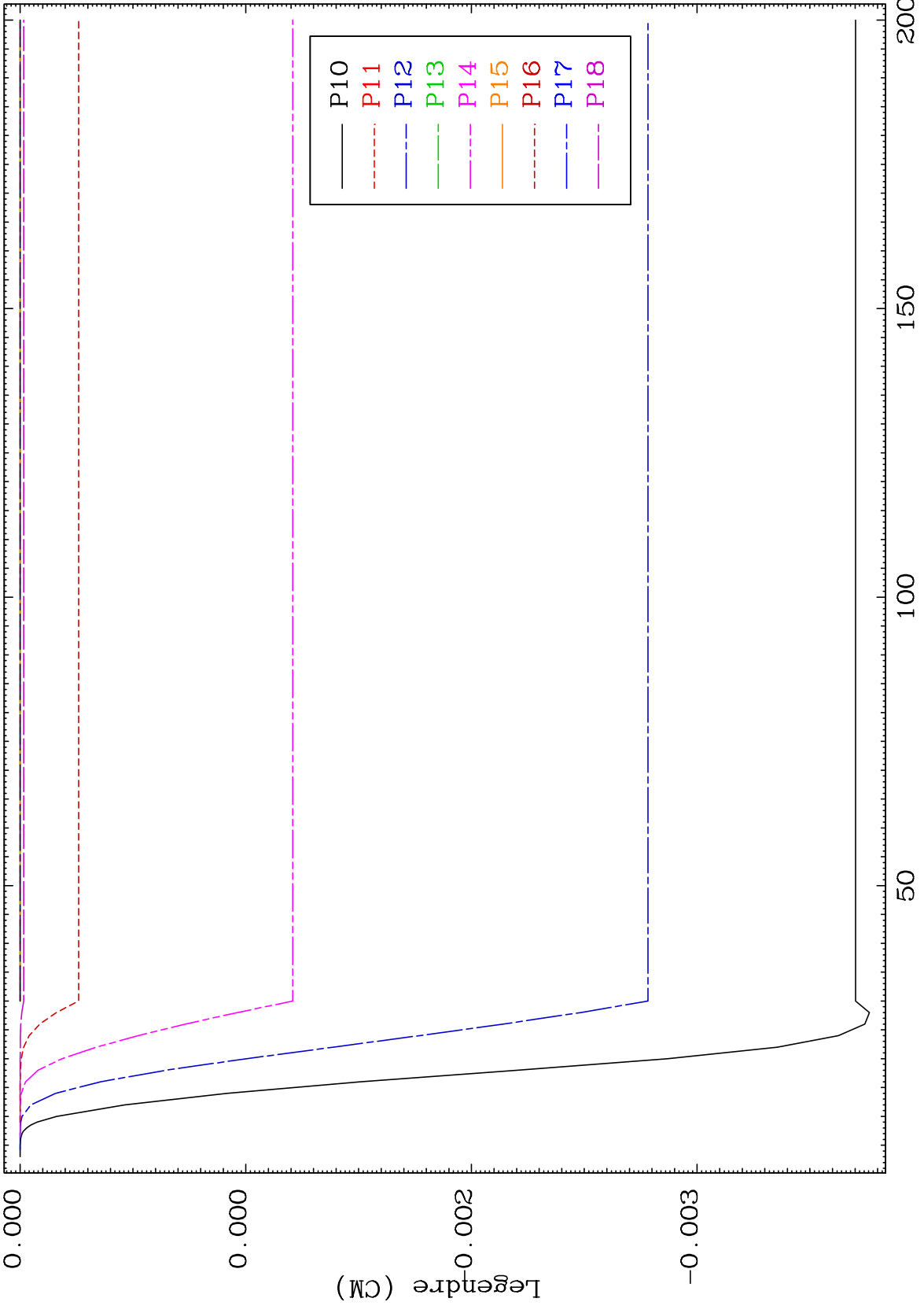


127

Incident Energy (MeV)

46-Pd-102

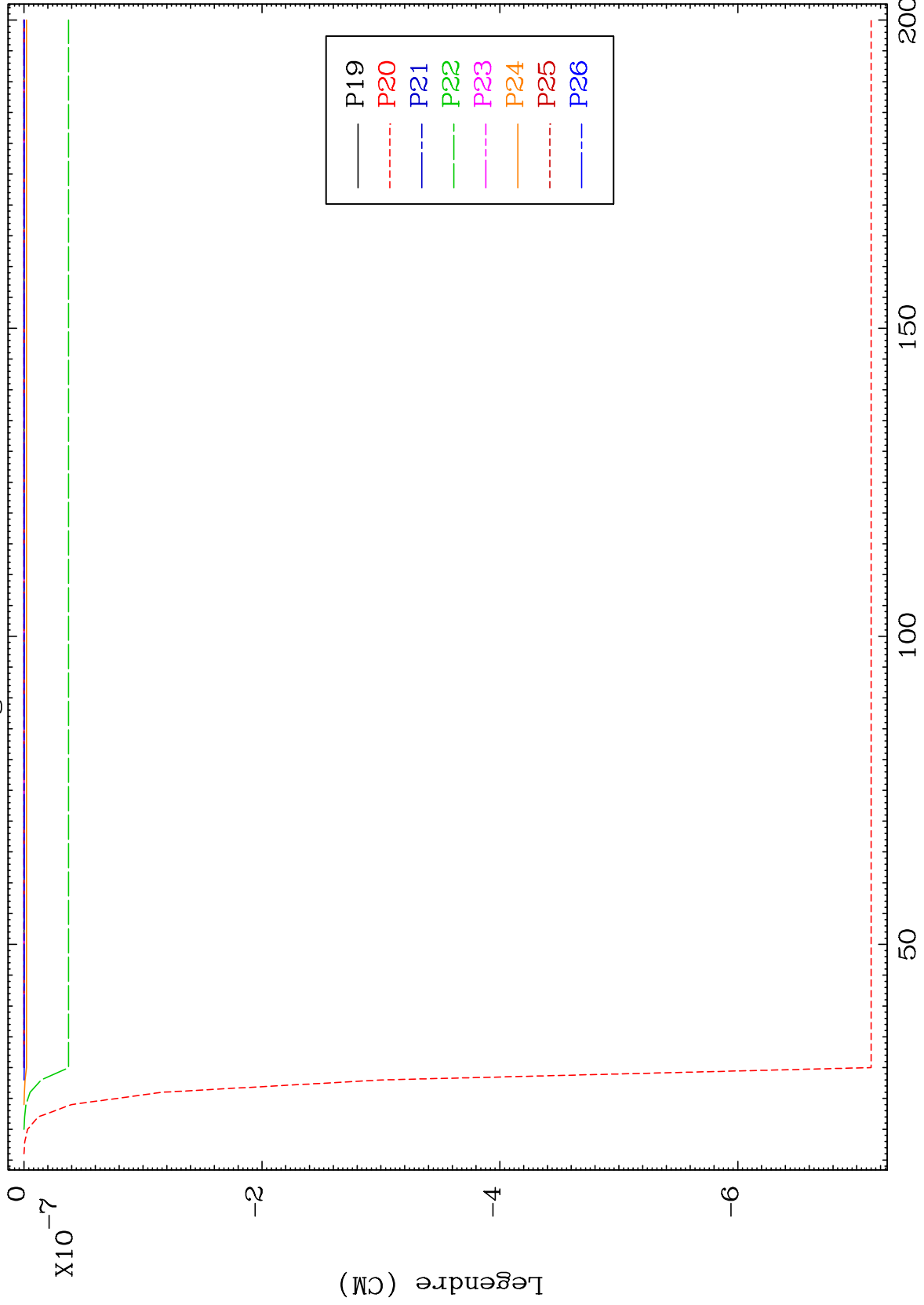
MAT 4625 MT= 80 (n,n') Level Legendre Coefficients 46-Pd-102



MAT 4625

MT= 80 (n,n') Level
Legendre Coefficients

46-Pd-102



129

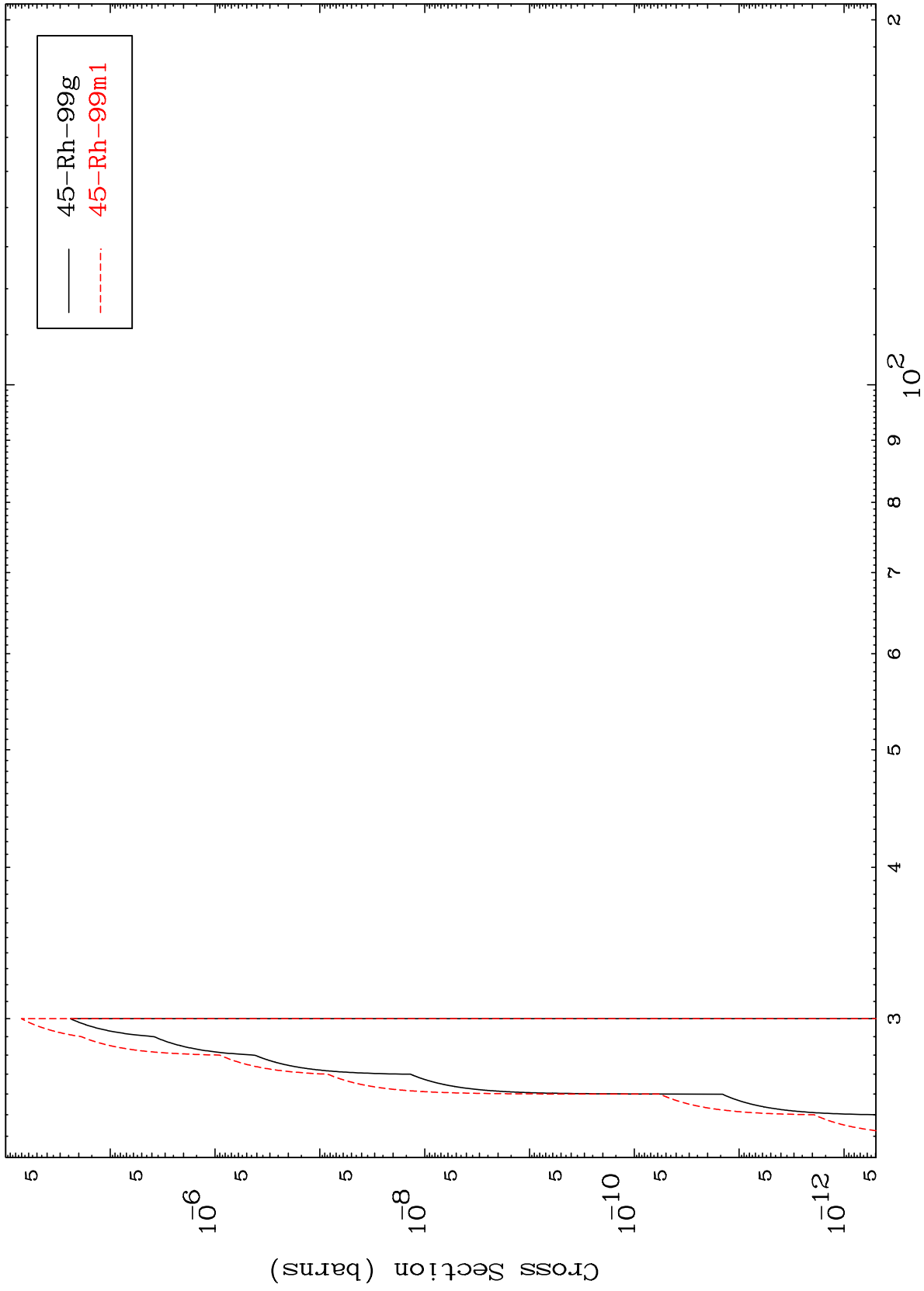
46-Pd-102

MAT 4625

(n,2n) d

46-Pd-102

Radionuclide Production Cross Section



130

Incident Energy (MeV)

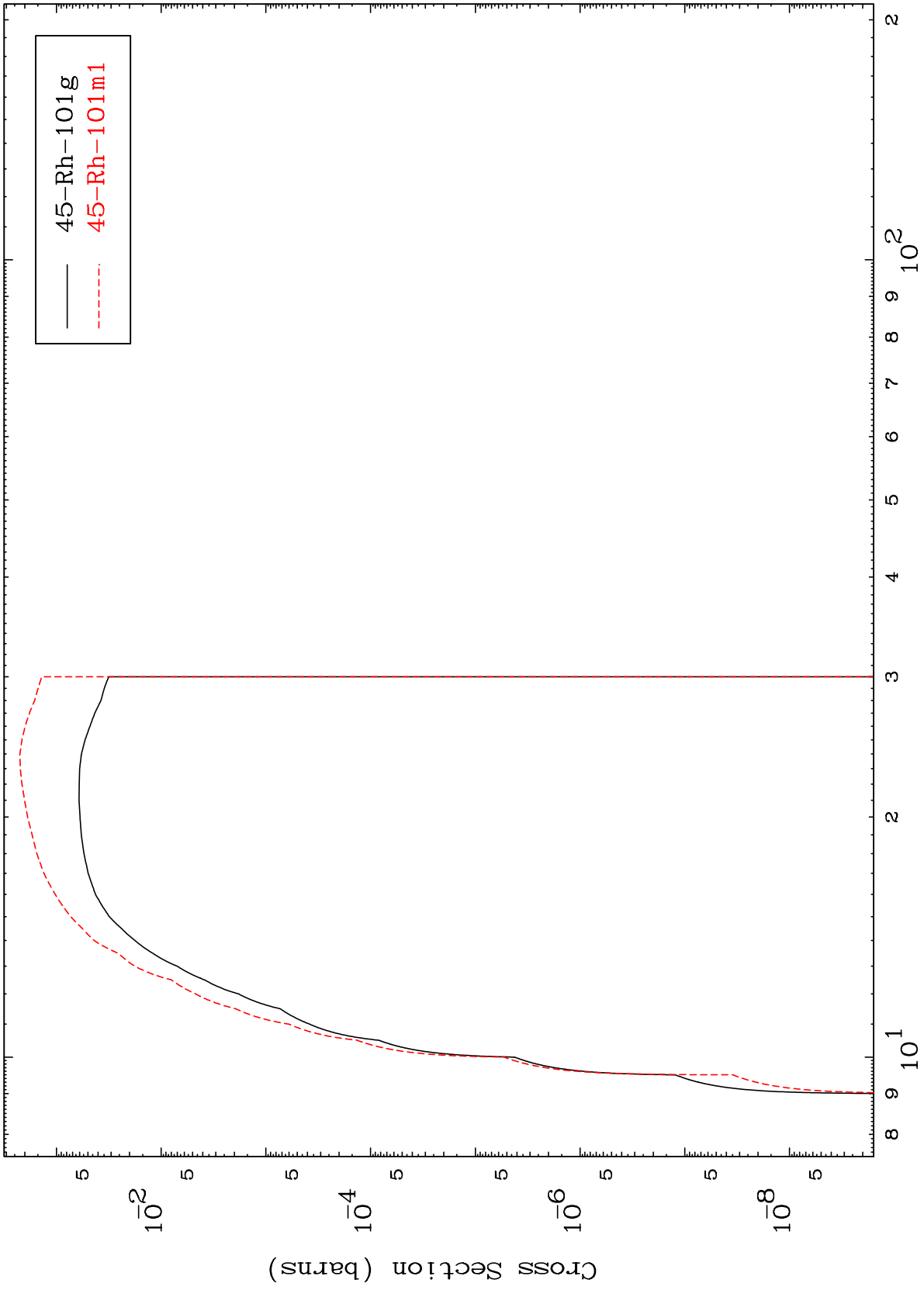
46-Pd-102

MAT 4625

(n,n') p

46-Pd-102

Radionuclide Production Cross Section



131

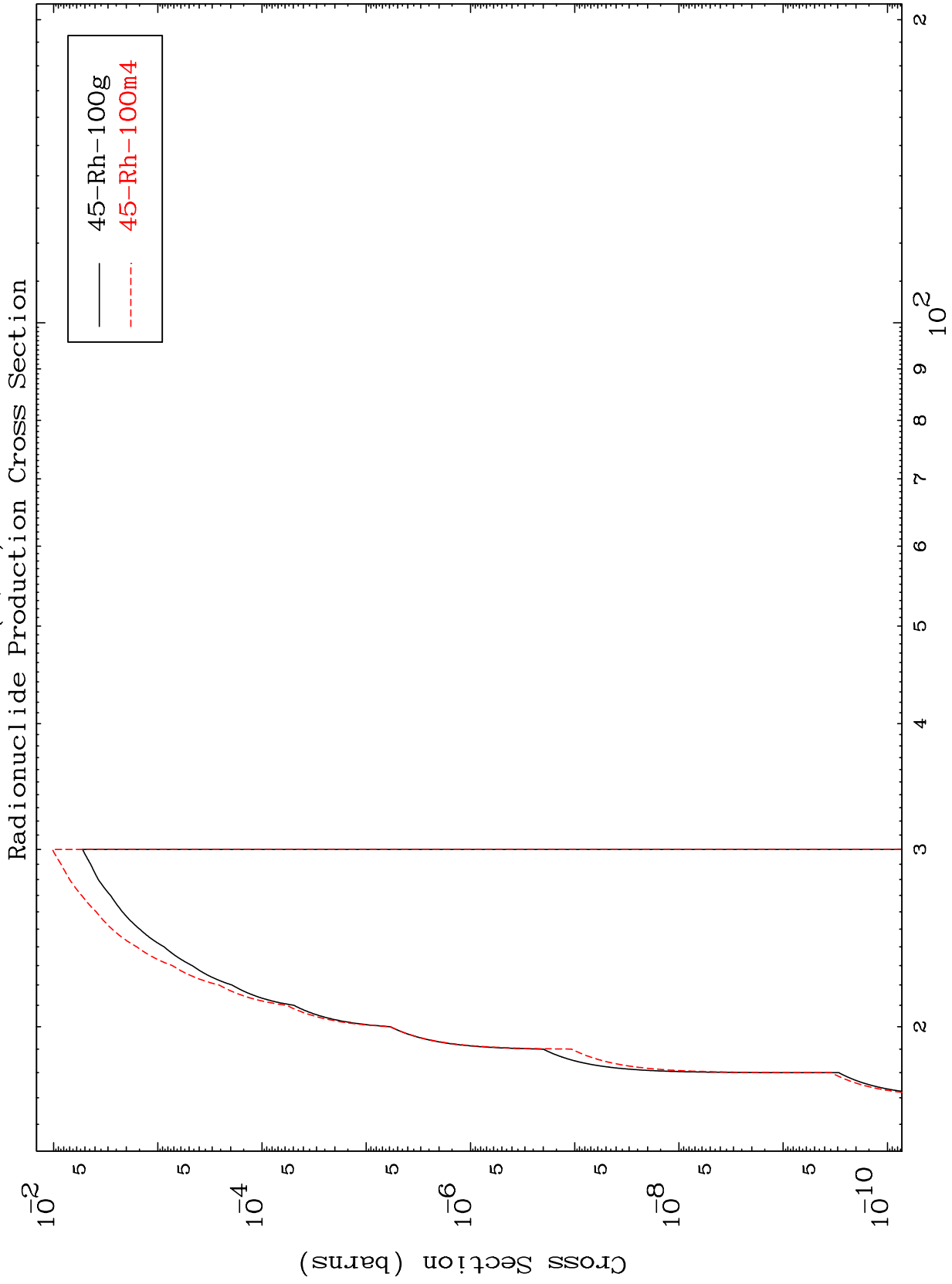
Incident Energy (MeV)

46-Pd-102

MAT 4625

(n,n') d

46-Pd-102

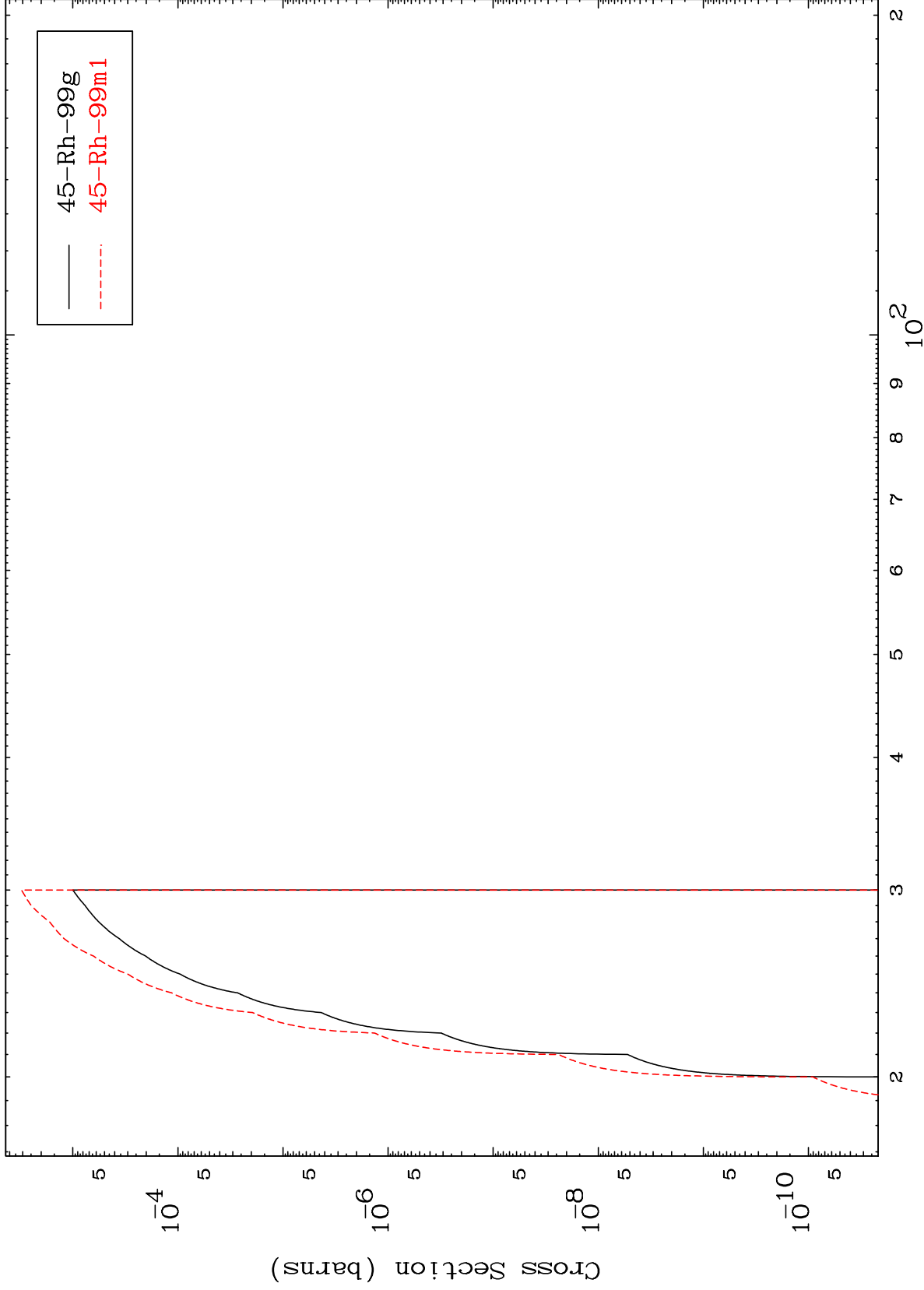


132

Incident Energy (MeV)

46-Pd-102

Radionuclide Production Cross Section

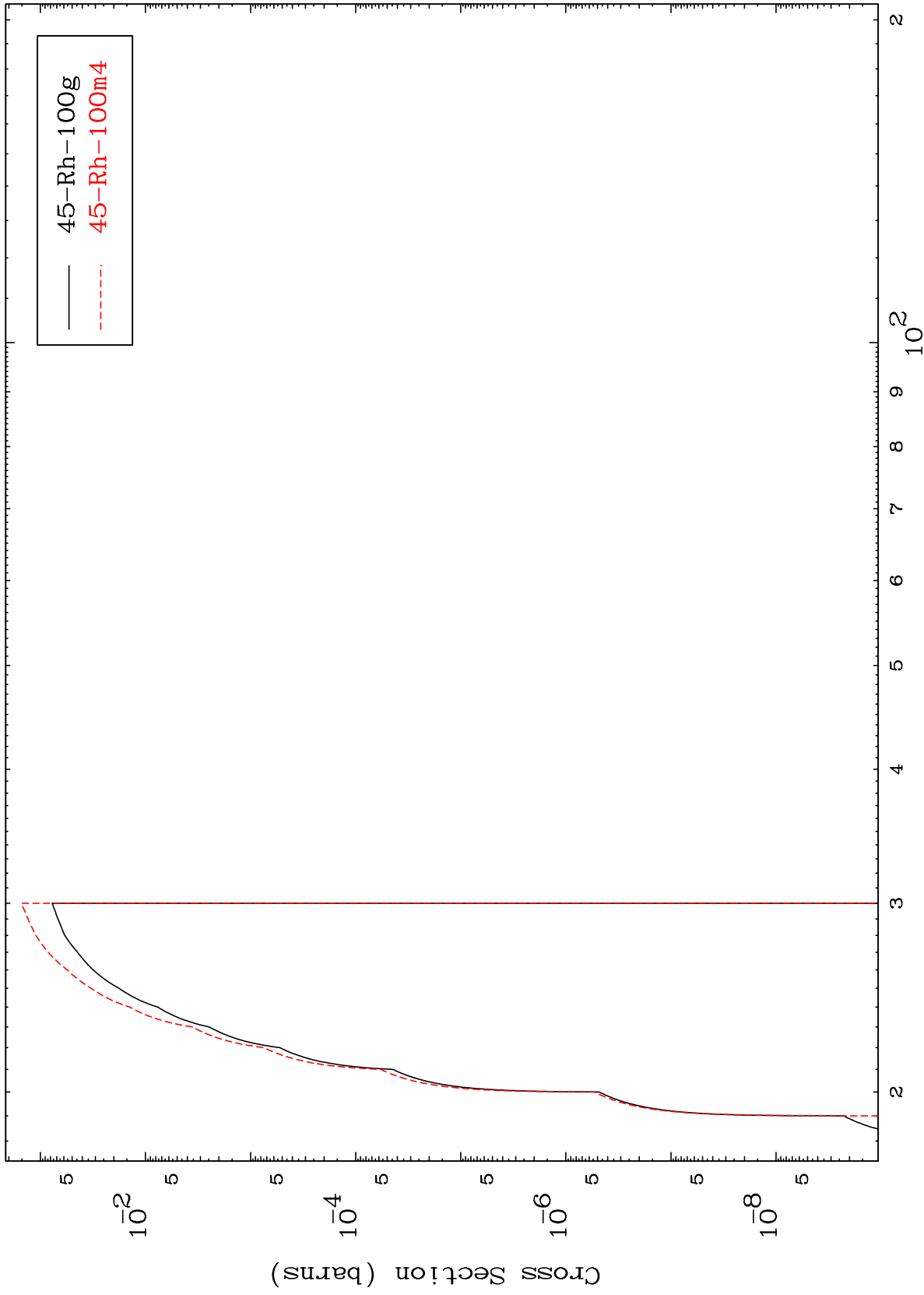


MAT 4625

(n,2n) p

46-Pd-102

Radionuclide Production Cross Section



134

Incident Energy (MeV)

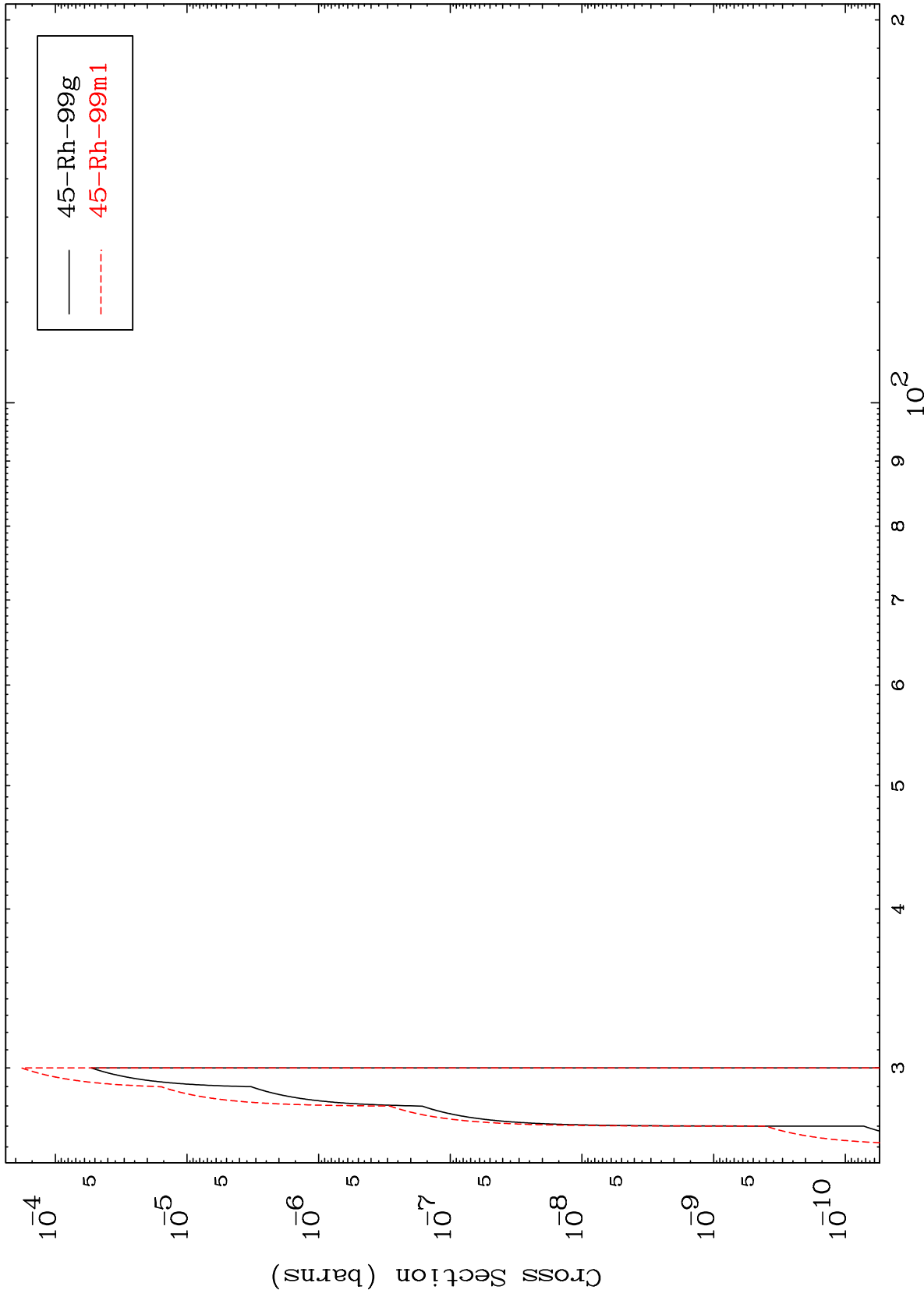
46-Pd-102

MAT 4625

(n,3n) p

46-Pd-102

Radionuclide Production Cross Section



135

Incident Energy (MeV)

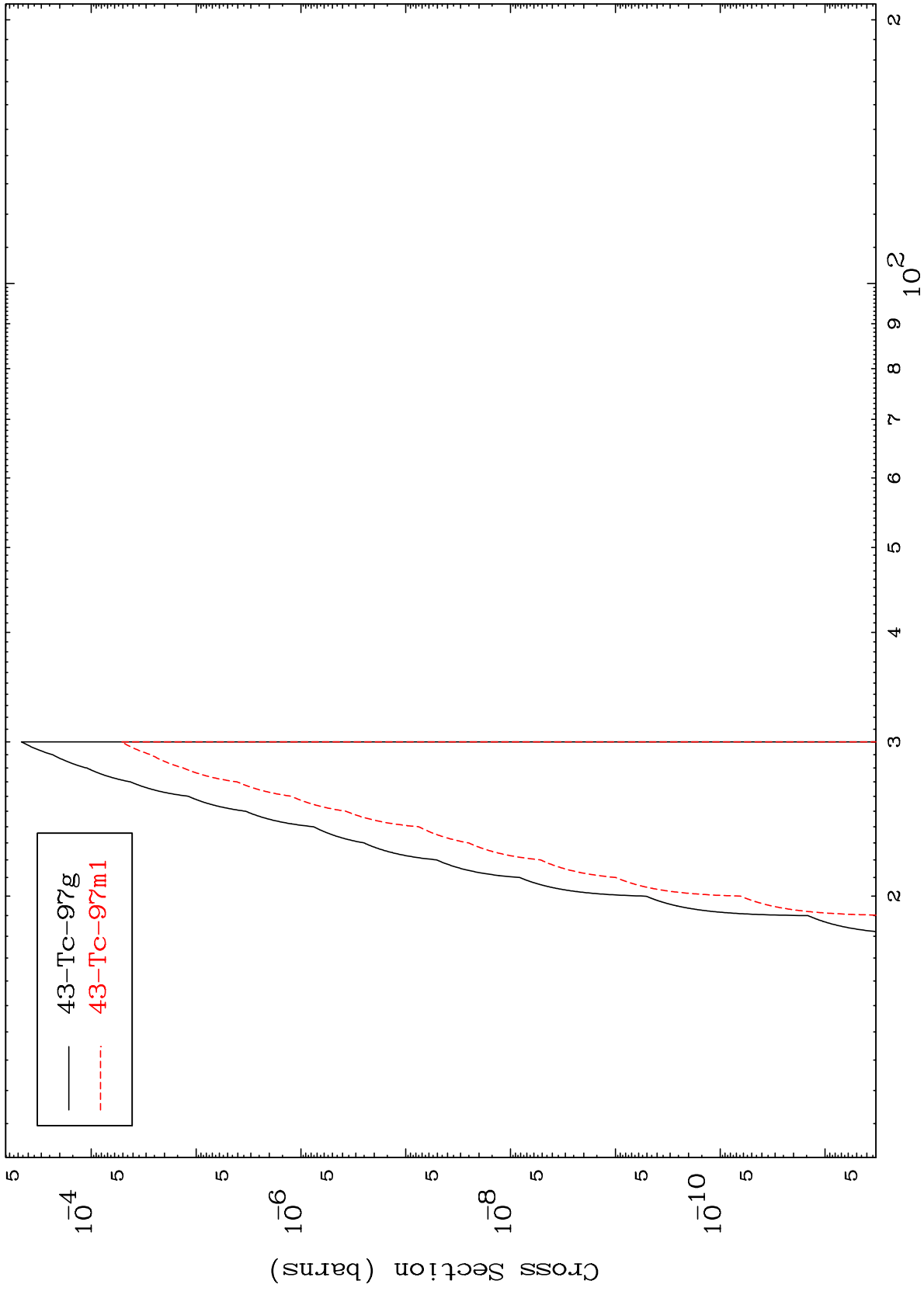
46-Pd-102

MAT 4625

(n,n') p α

46-Pd-102

Radionuclide Production Cross Section



136

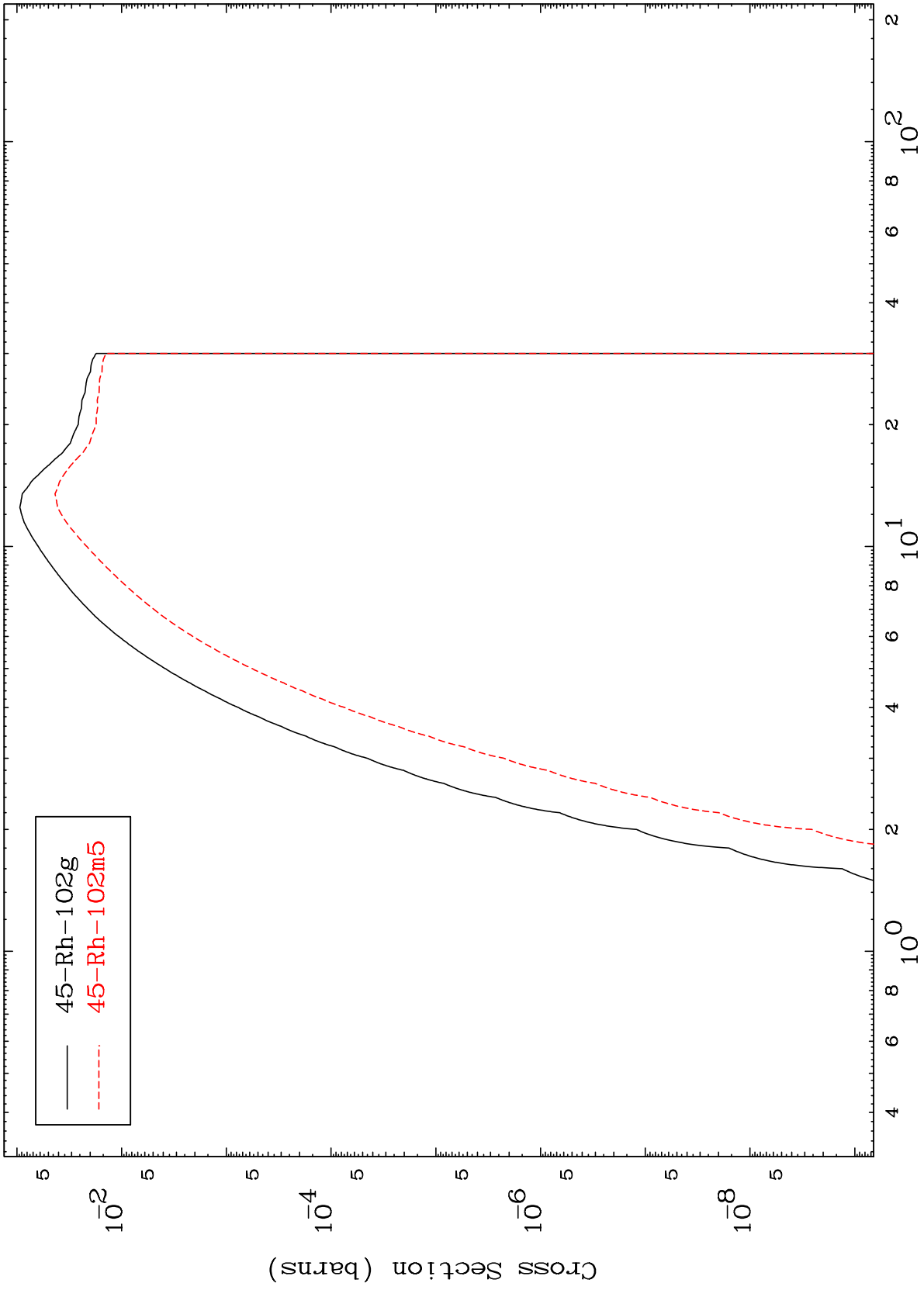
Incident Energy (MeV)

46-Pd-102

MAT 4625

46-Pd-102

(n,p)
Radionuclide Production Cross Section



137

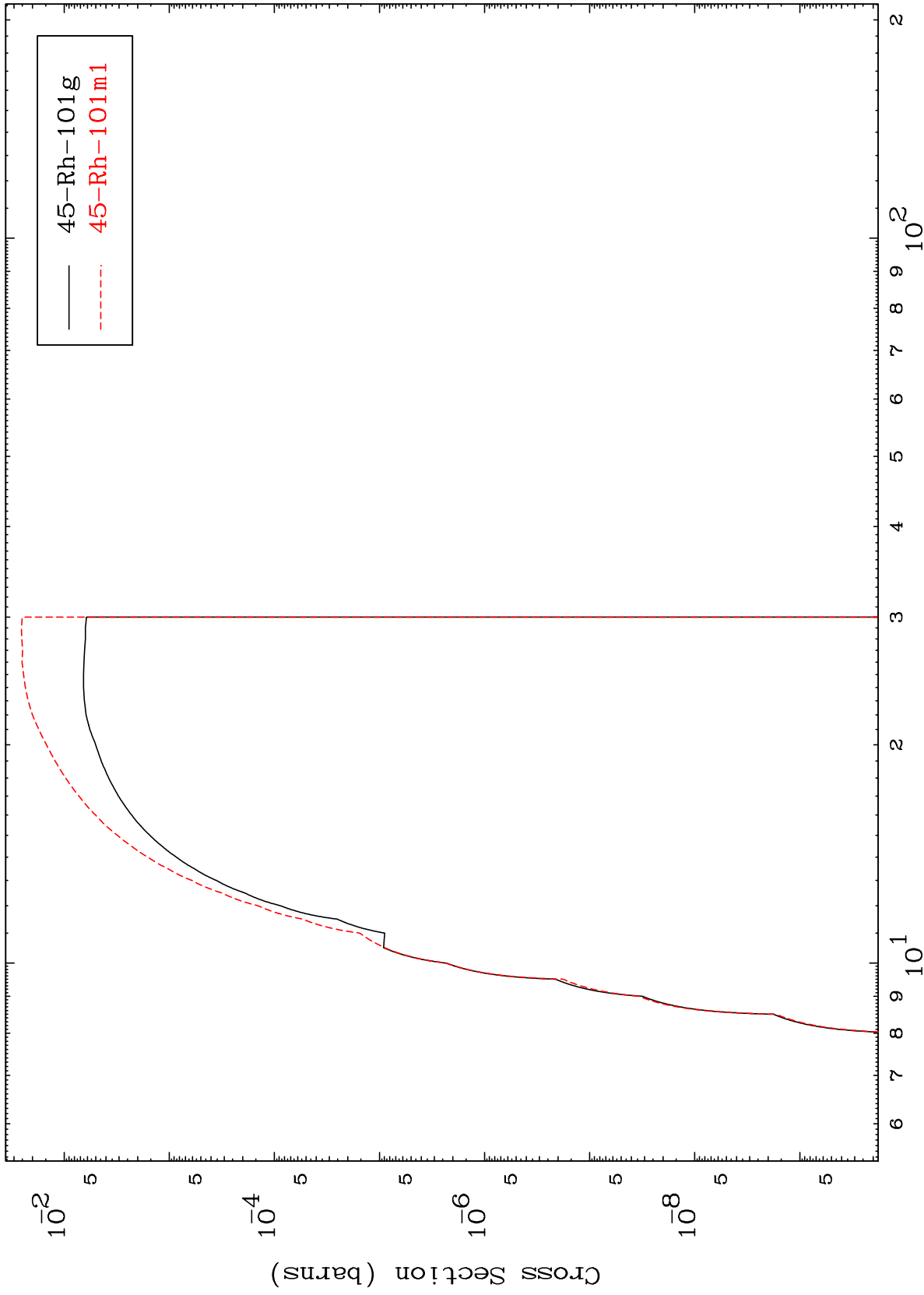
Incident Energy (MeV)

46-Pd-102

MAT 4625

46-Pd-102

(n,d)
Radionuclide Production Cross Section



138

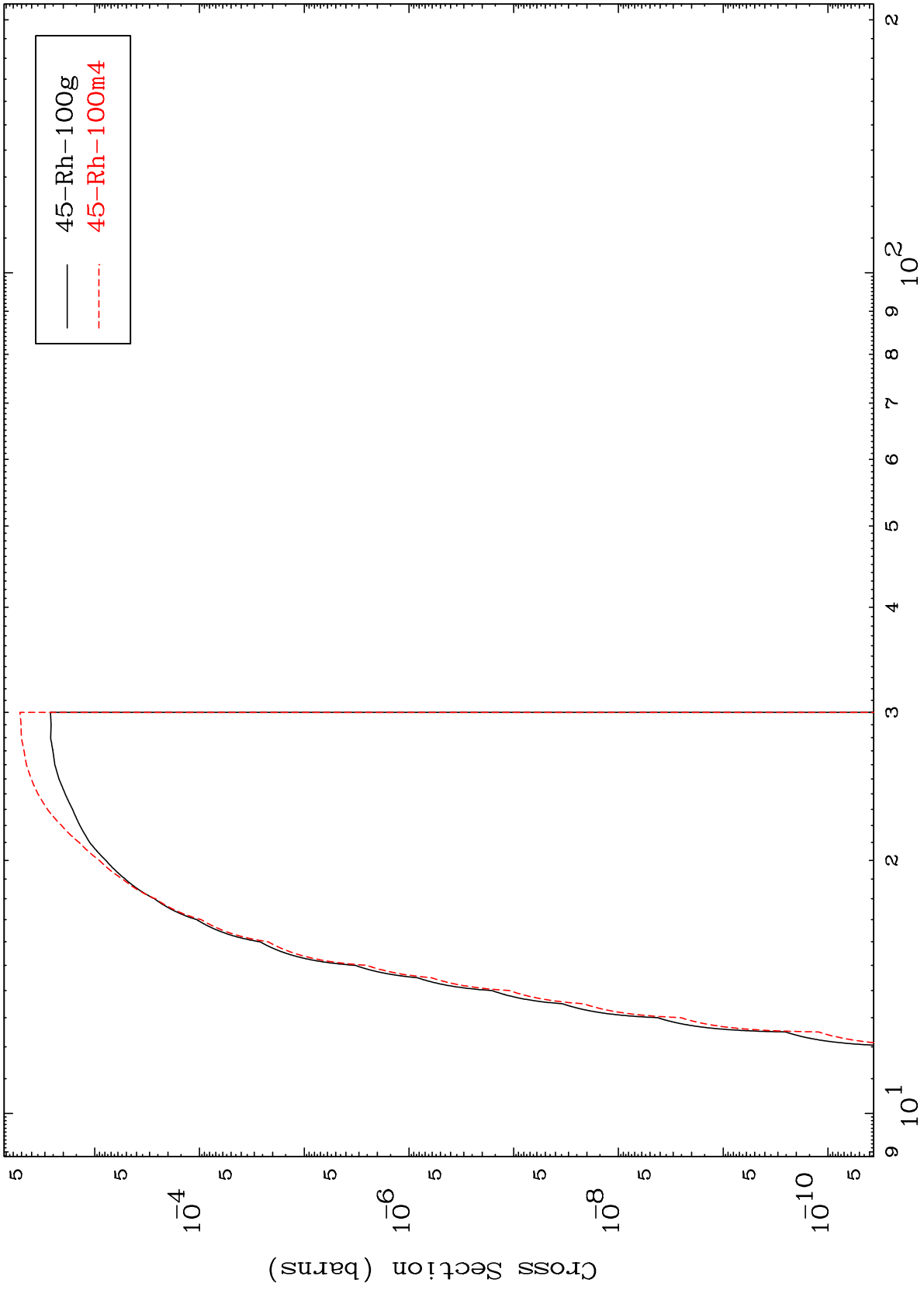
Incident Energy (MeV)

46-Pd-102

MAT 4625

46-Pd-102

(n, t)
Radionuclide Production Cross Section



139

Incident Energy (MeV)

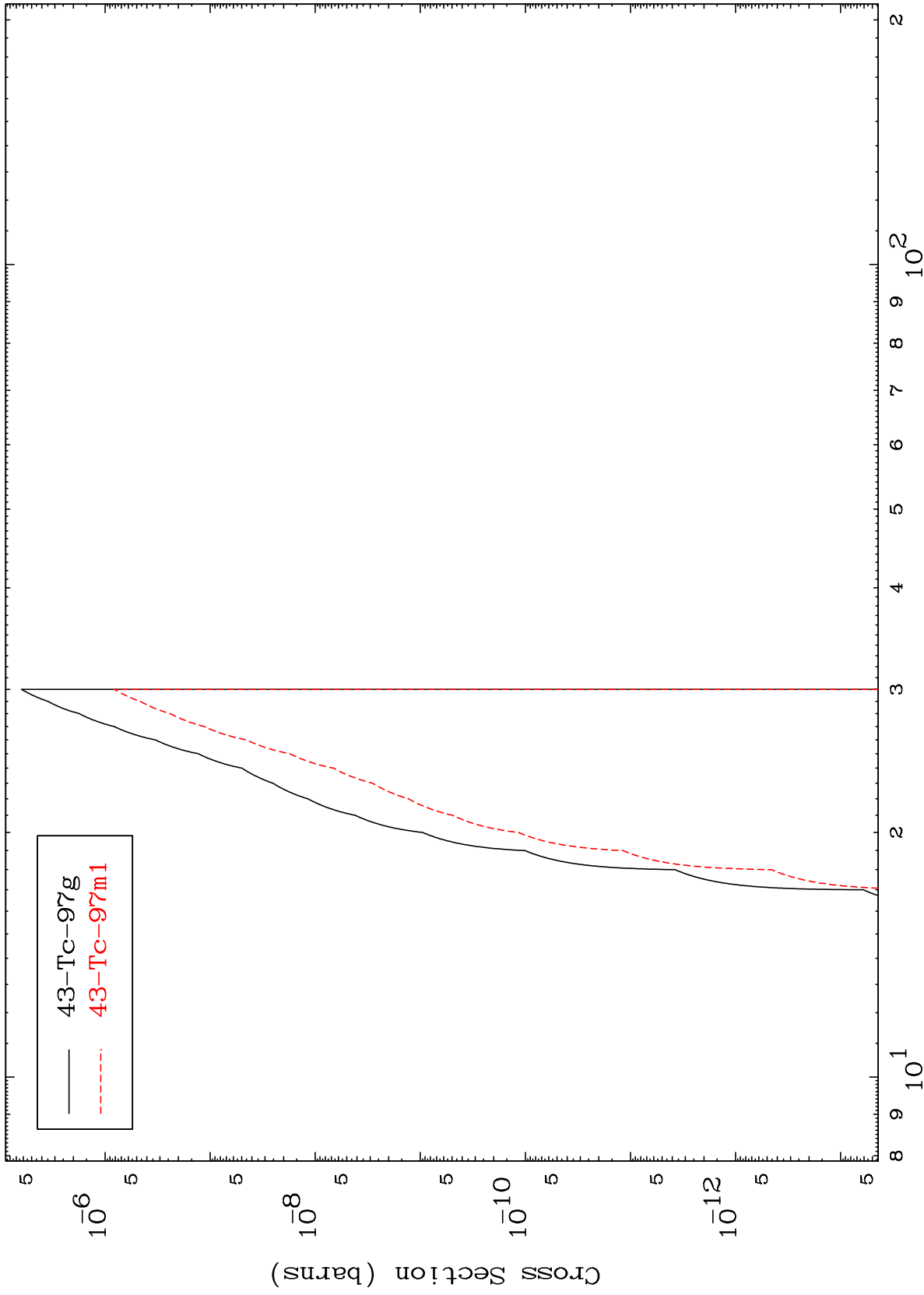
46-Pd-102

MAT 4625

(n,d) α

46-Pd-102

Radionuclide Production Cross Section



140

46-Pd-102