

Program EVALPLOT
(Version 2018-1)

by

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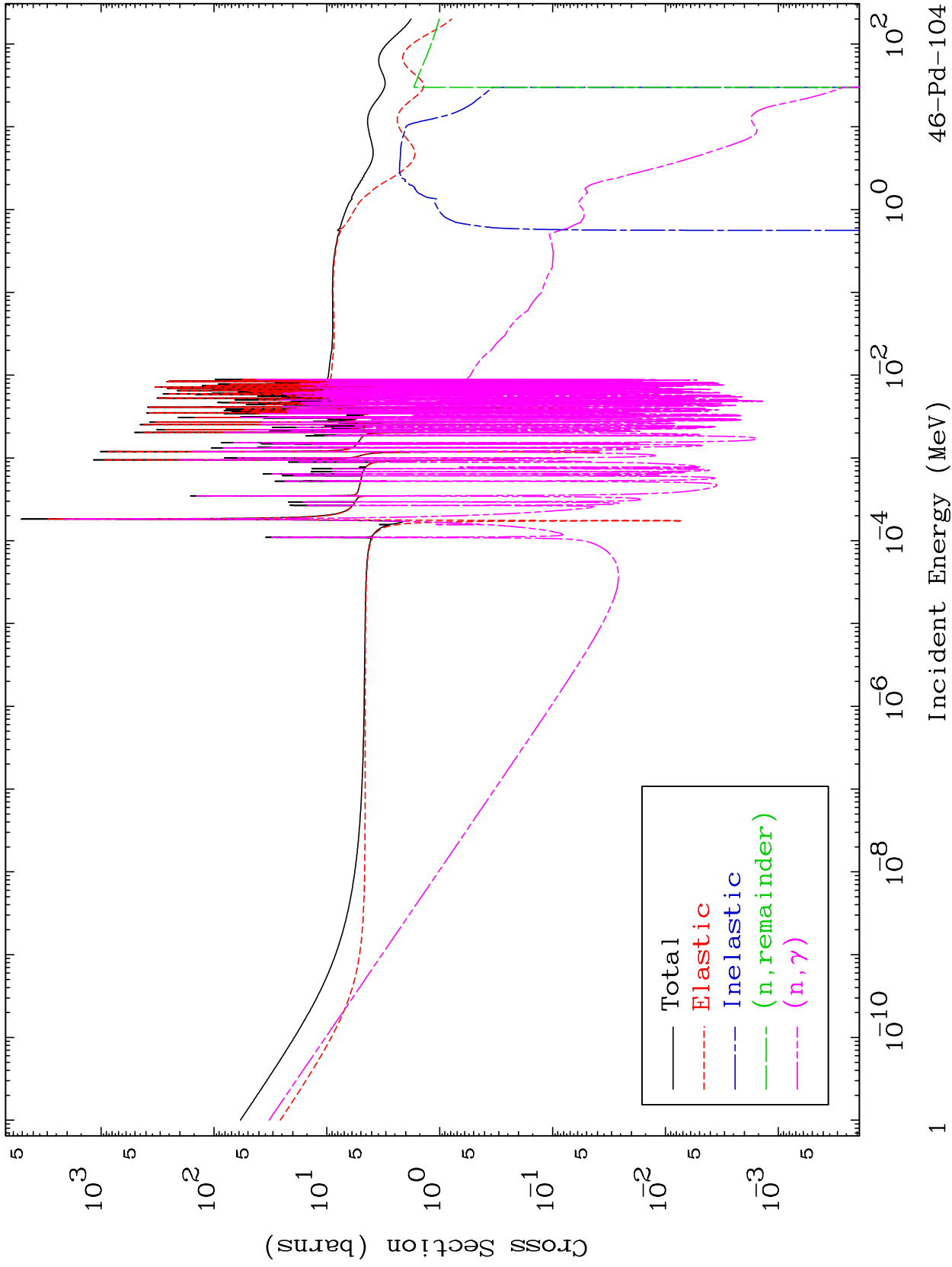
Press Mouse Button to Start

MAT 4631

Major

293 Kelvin Cross Sections

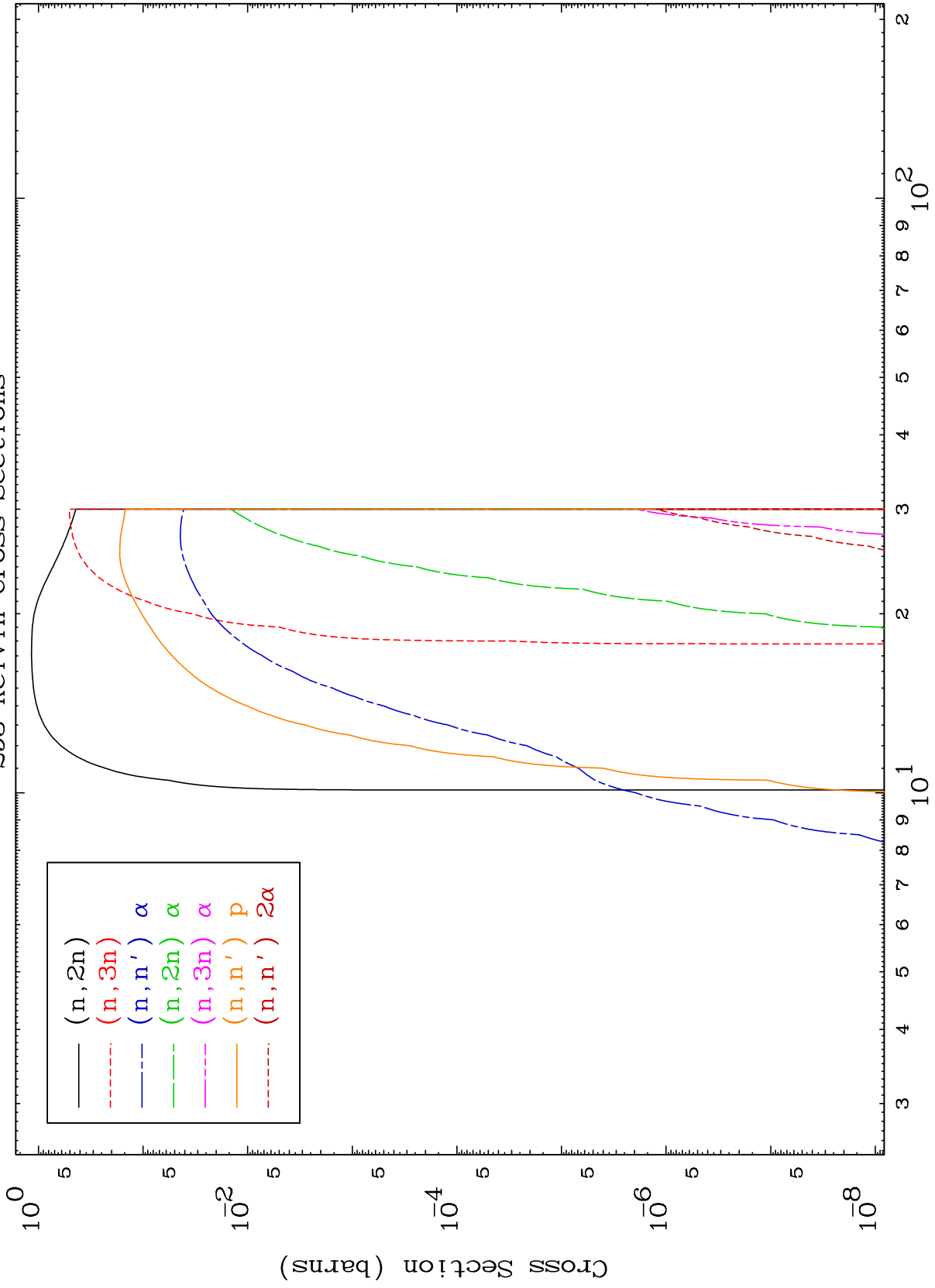
46-Pd-104



MAT 4631

Neutron Production
293 Kelvin Cross Sections

46-Pd-104



2

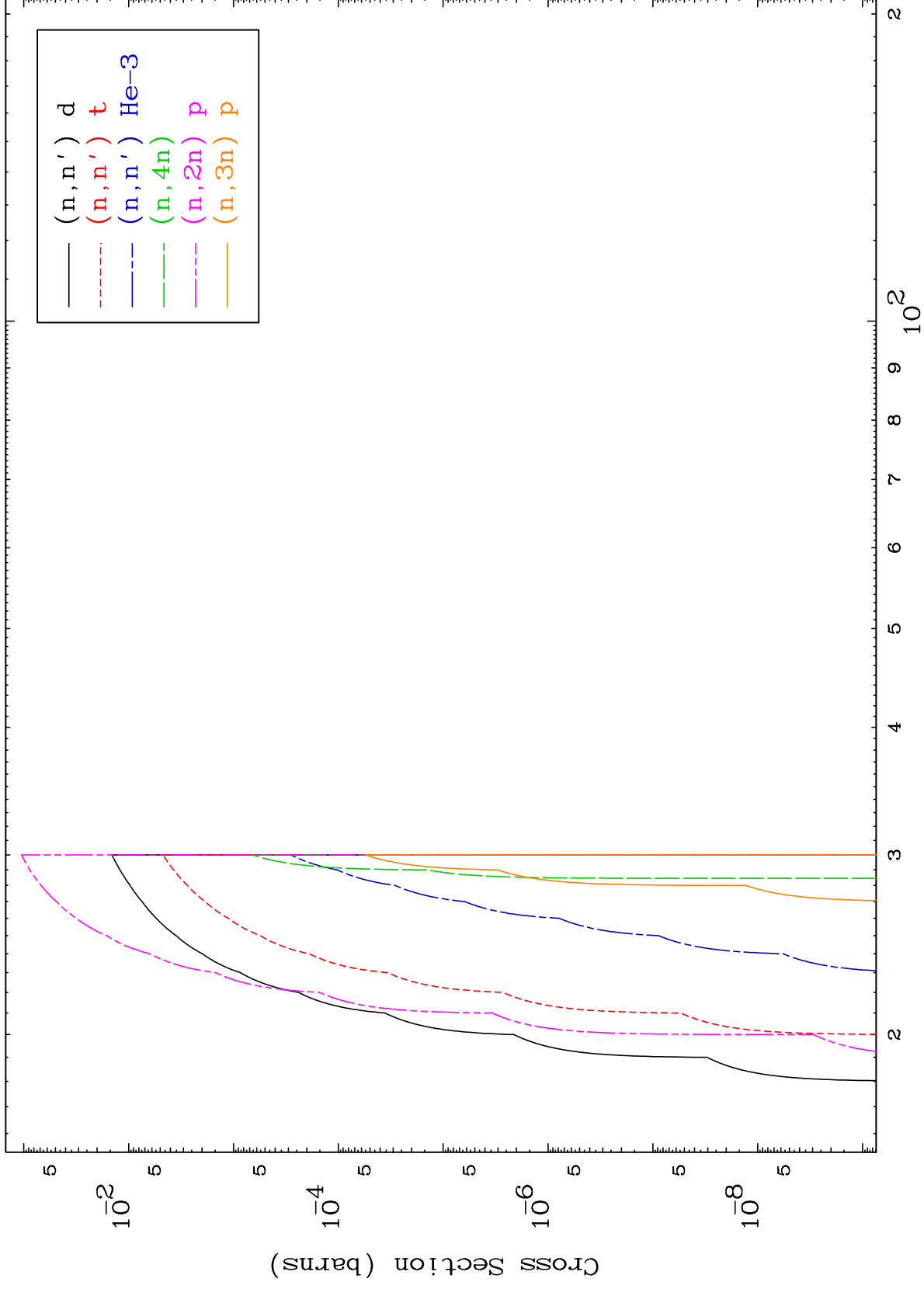
Incident Energy (MeV)

46-Pd-104

MAT 4631

Neutron Production
293 Kelvin Cross Sections

46-Pd-104



3

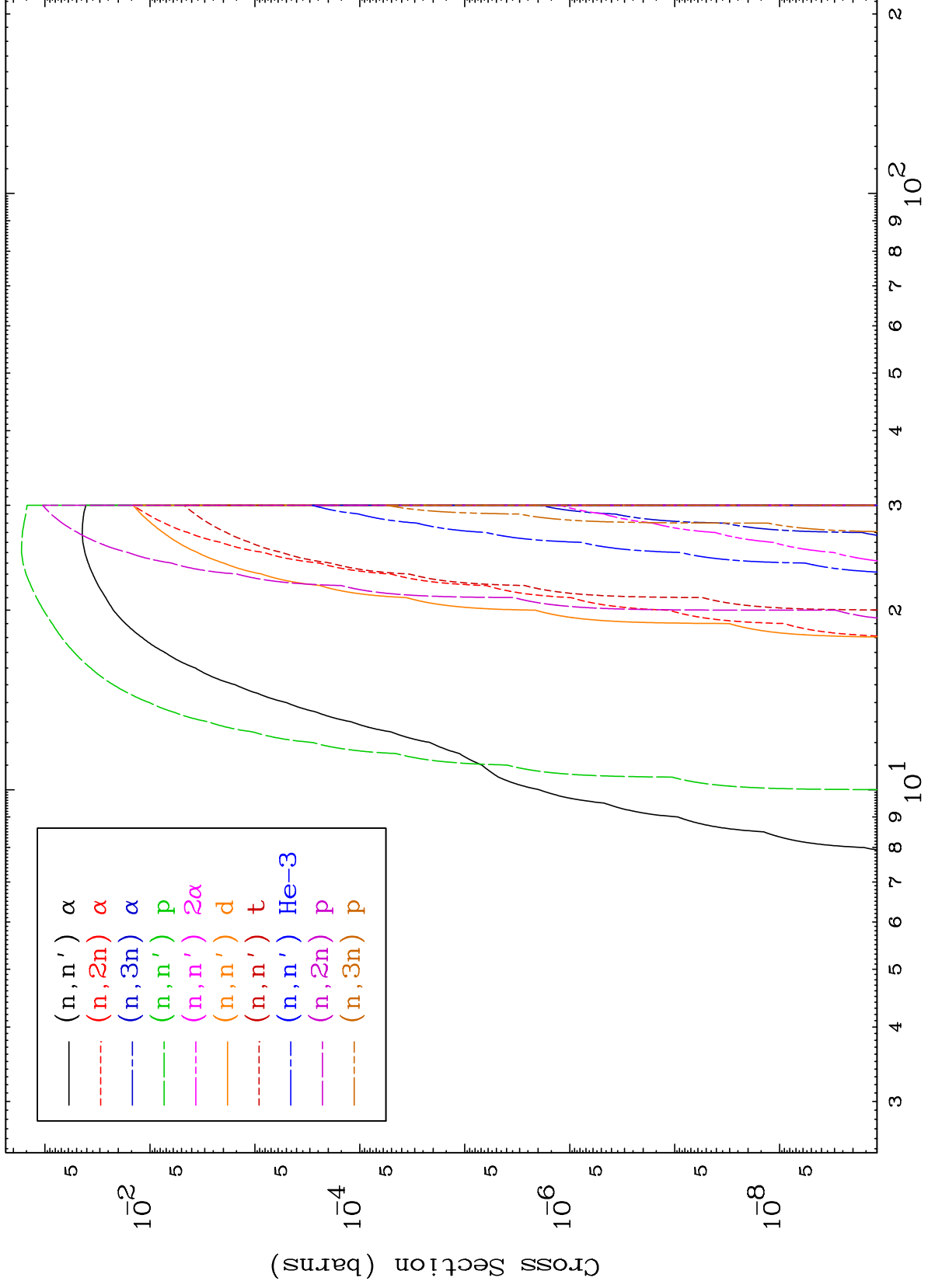
Incident Energy (MeV)

46-Pd-104

MAT 4631

Charged Particle
293 Kelvin Cross Sections

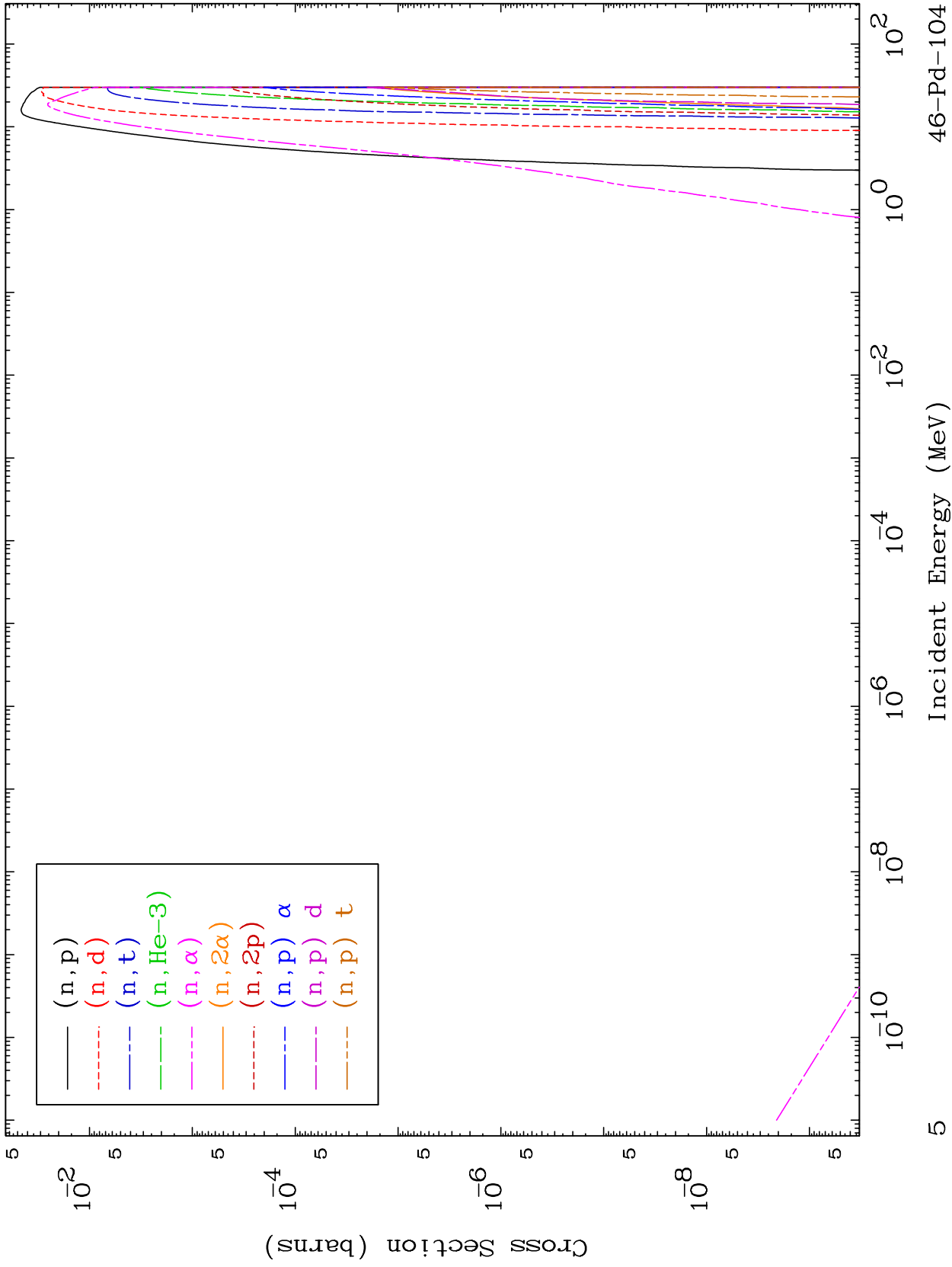
46-Pd-104



MAT 4631

Charged Particle
293 Kelvin Cross Sections

46-Pd-104



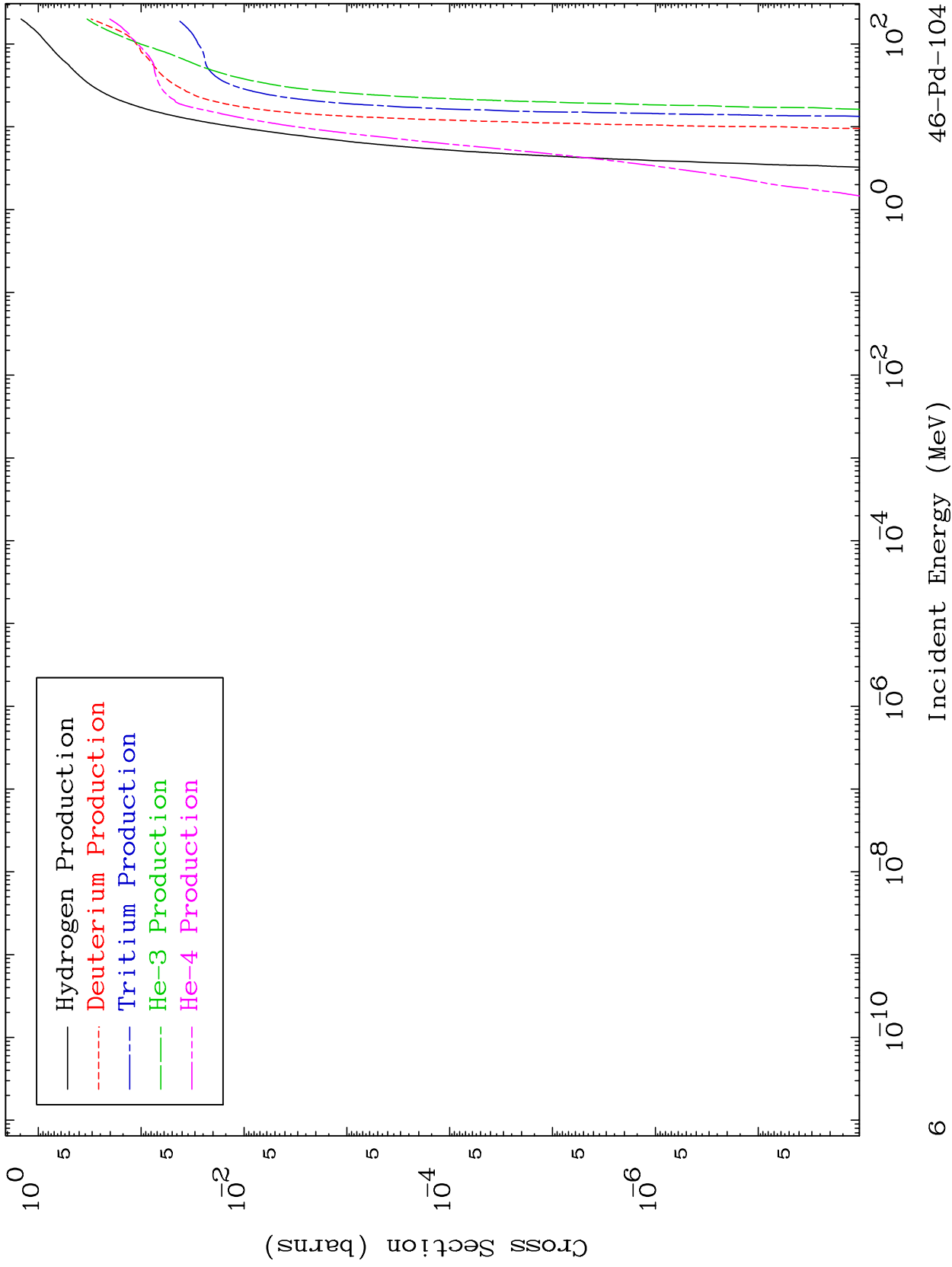
5

46-Pd-104

MAT 4631

Particle Production
293 Kelvin Cross Sections

46-Pd-104

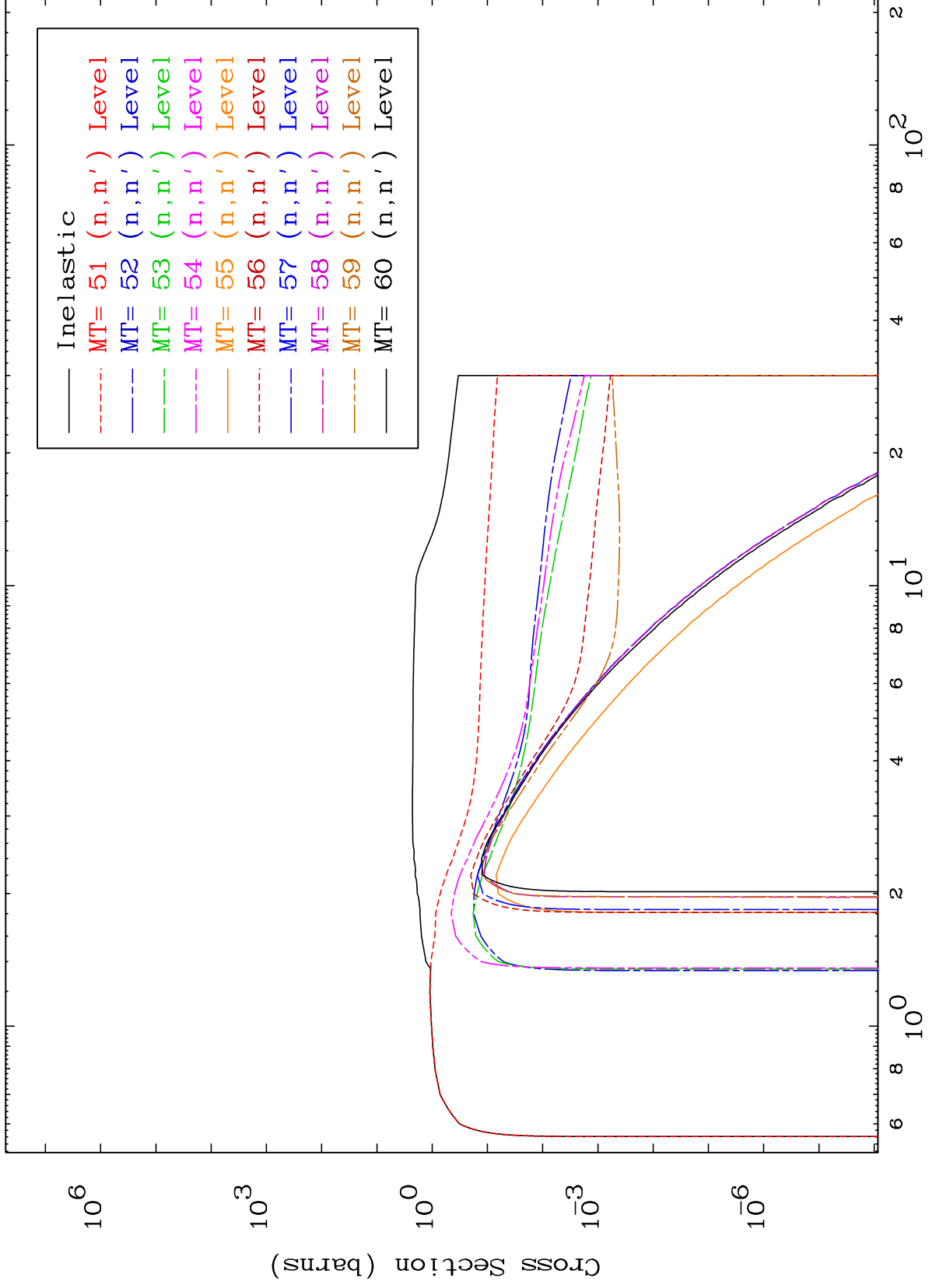


MAT 4631

(n,n') Level

46-Pd-104

293 Kelvin Cross Sections



7

Incident Energy (MeV)

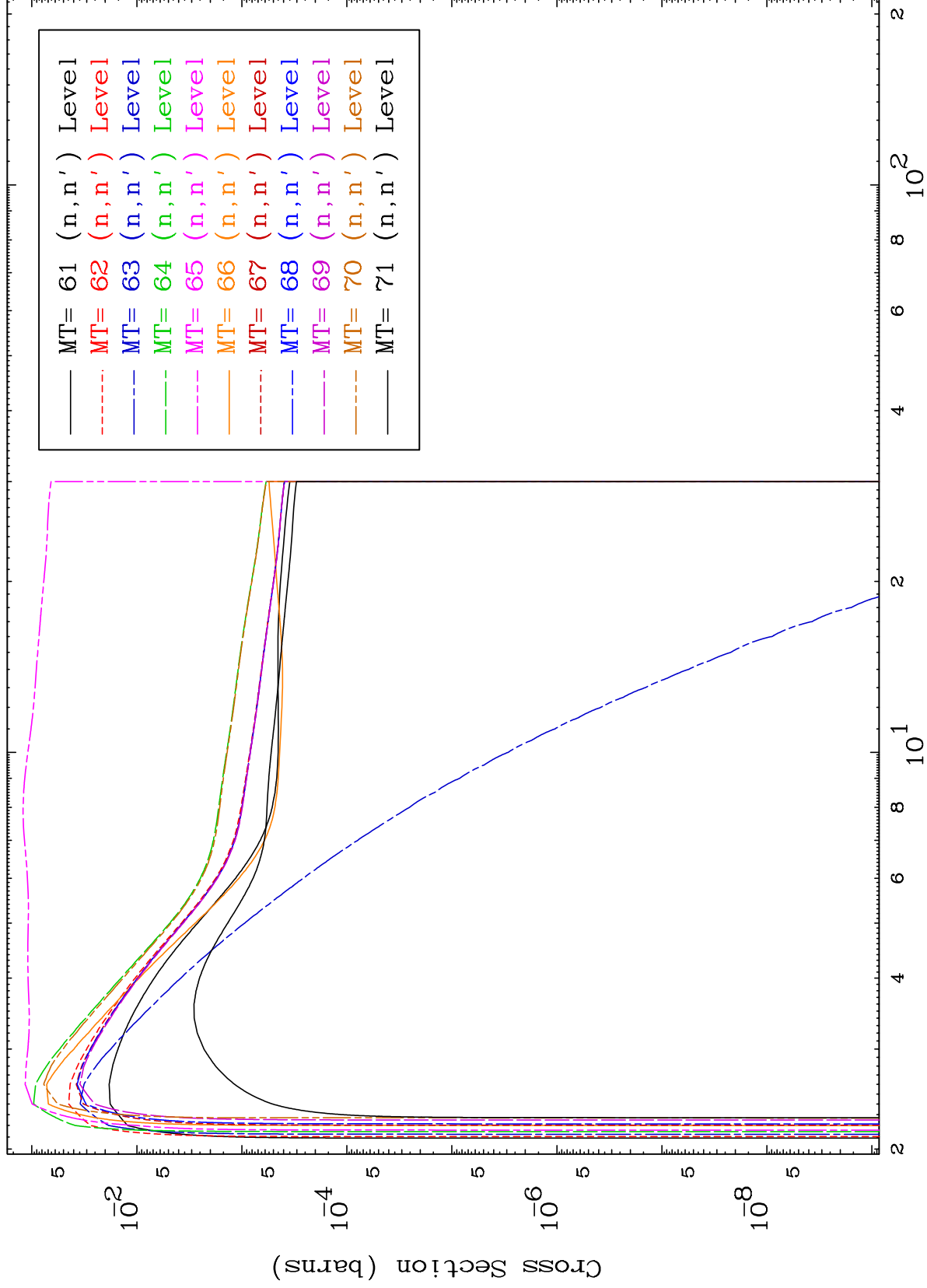
46-Pd-104

MAT 4631

(n,n') Level

46-Pd-104

293 Kelvin Cross Sections

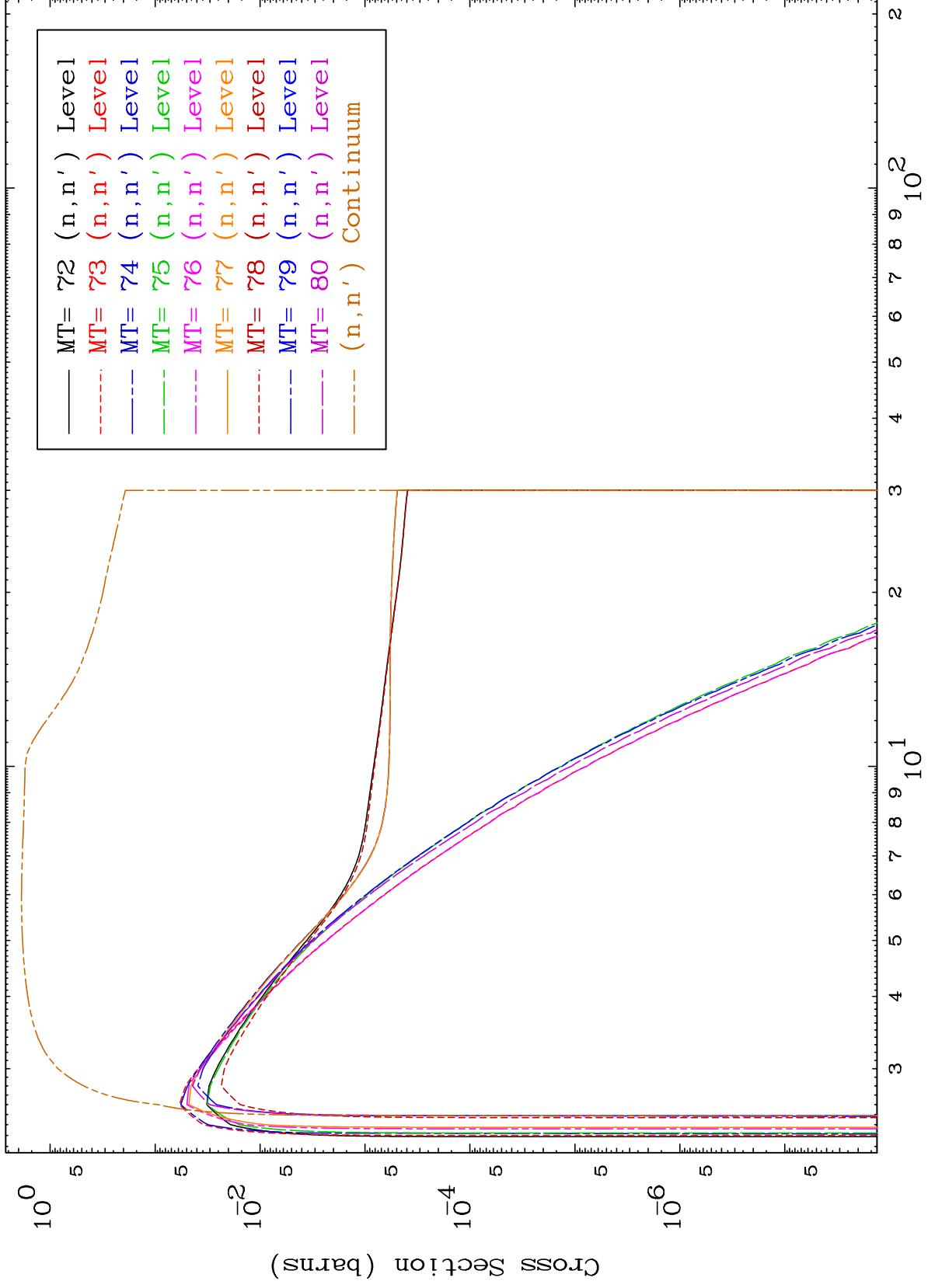


8

Incident Energy (MeV)

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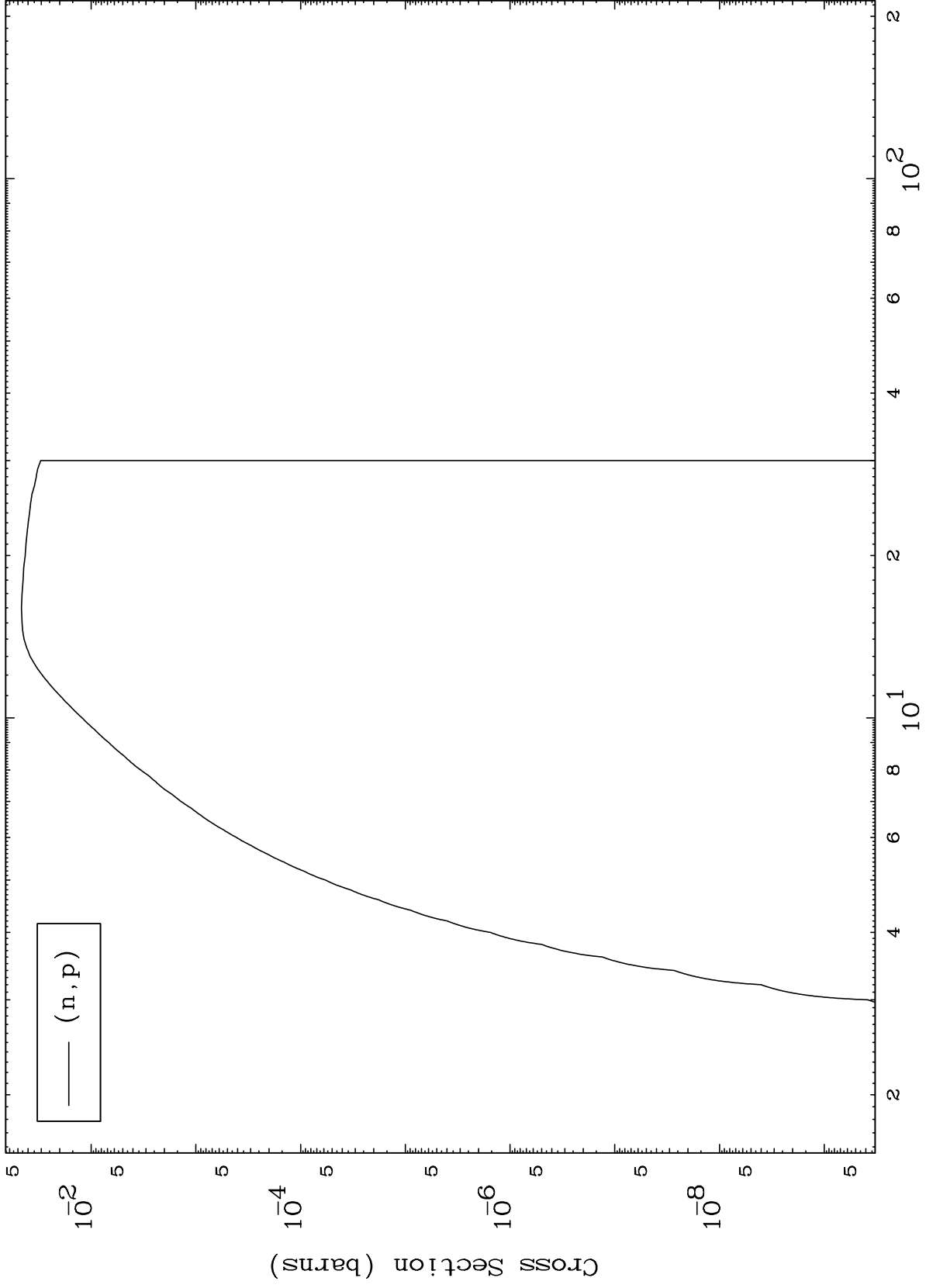
293 Kelvin Cross Sections



MAT 4631

(n,p) Levels
293 Kelvin Cross Sections

46-Pd-104



10

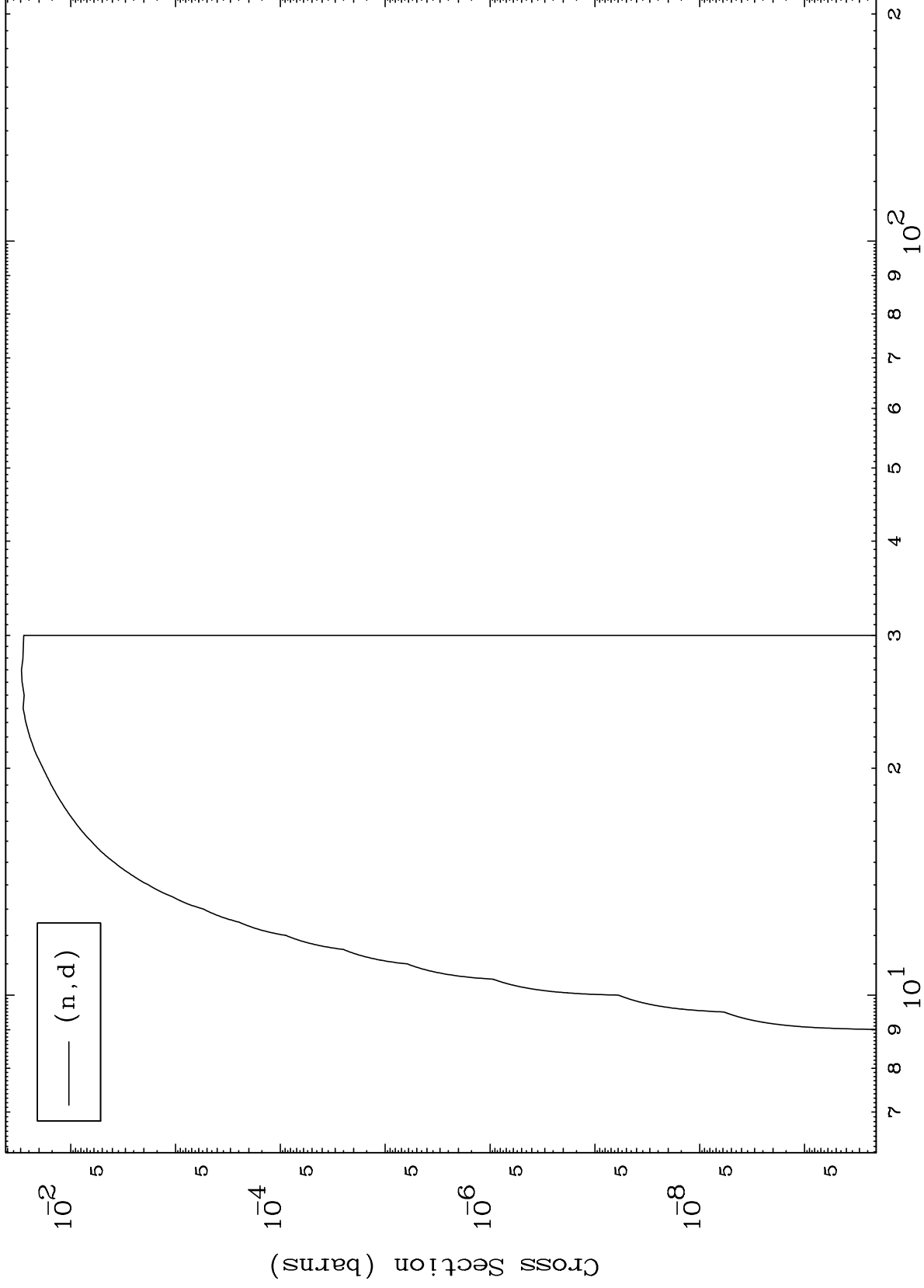
Incident Energy (MeV)

46-Pd-104

MAT 4631

(n,d) Levels
293 Kelvin Cross Sections

46-Pd-104



11

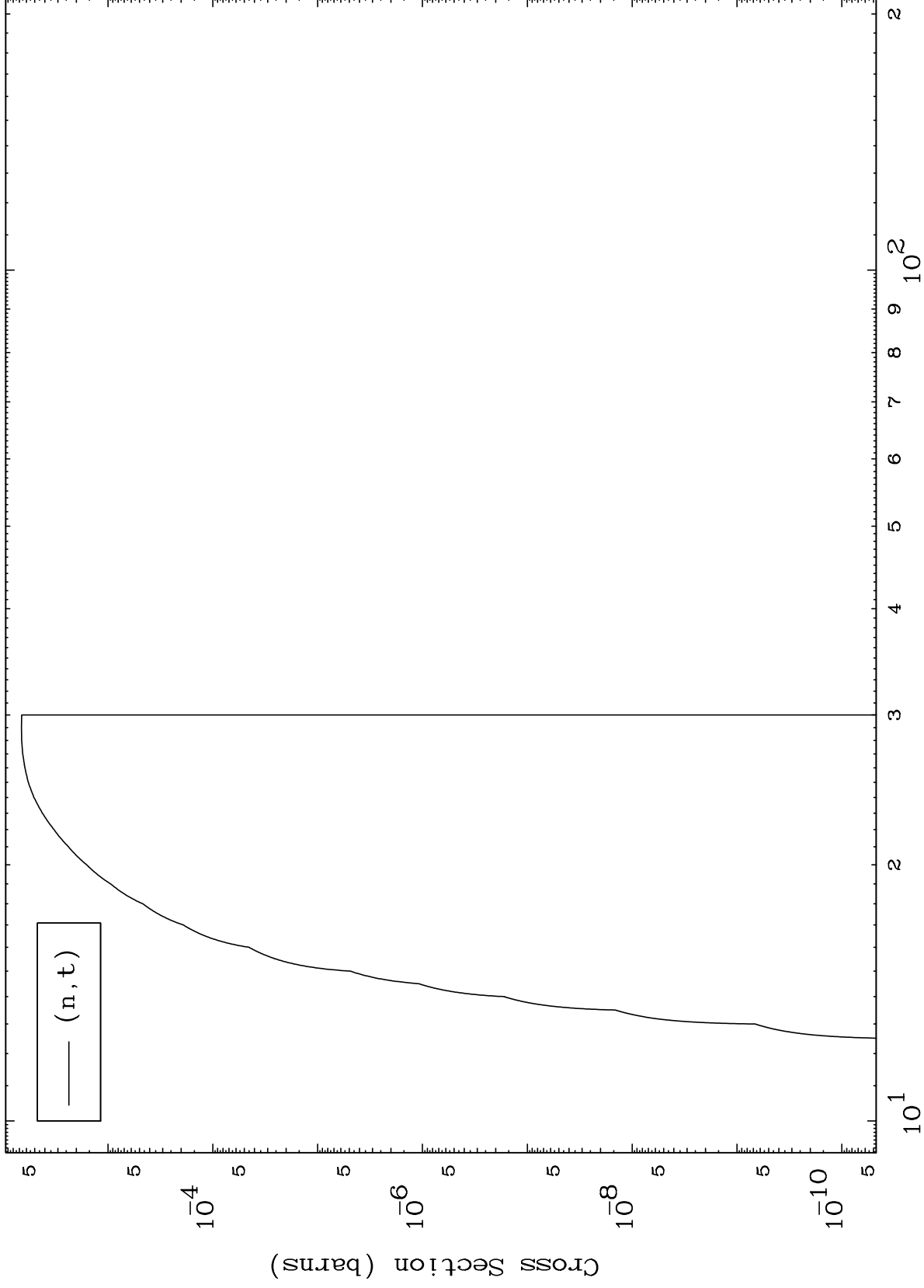
Incident Energy (MeV)

46-Pd-104

MAT 4631

(n,t) Levels
293 Kelvin Cross Sections

46-Pd-104



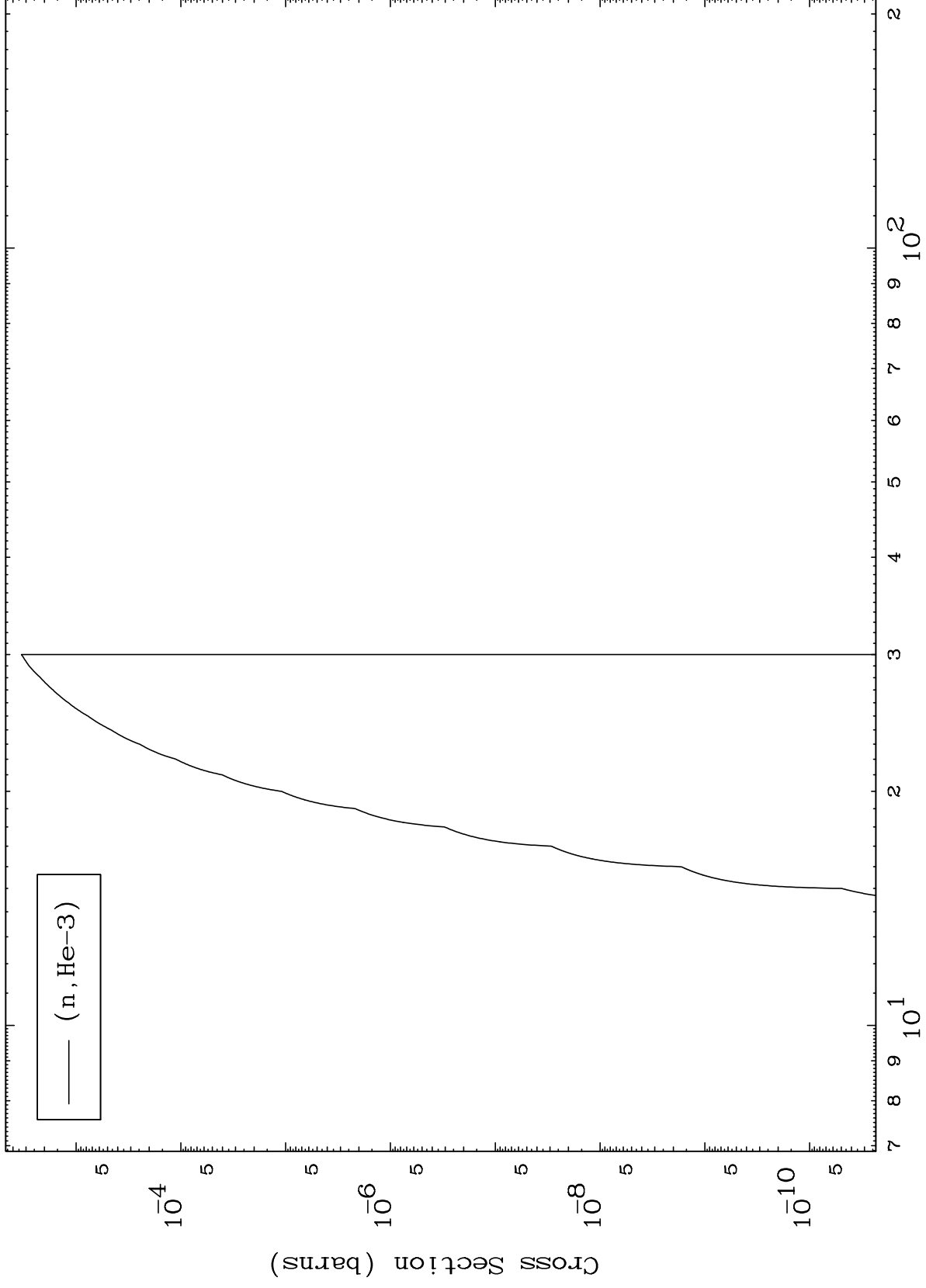
Incident Energy (MeV)

46-Pd-104

MAT 4631

(n,He3) Levels
293 Kelvin Cross Sections

46-Pd-104



13

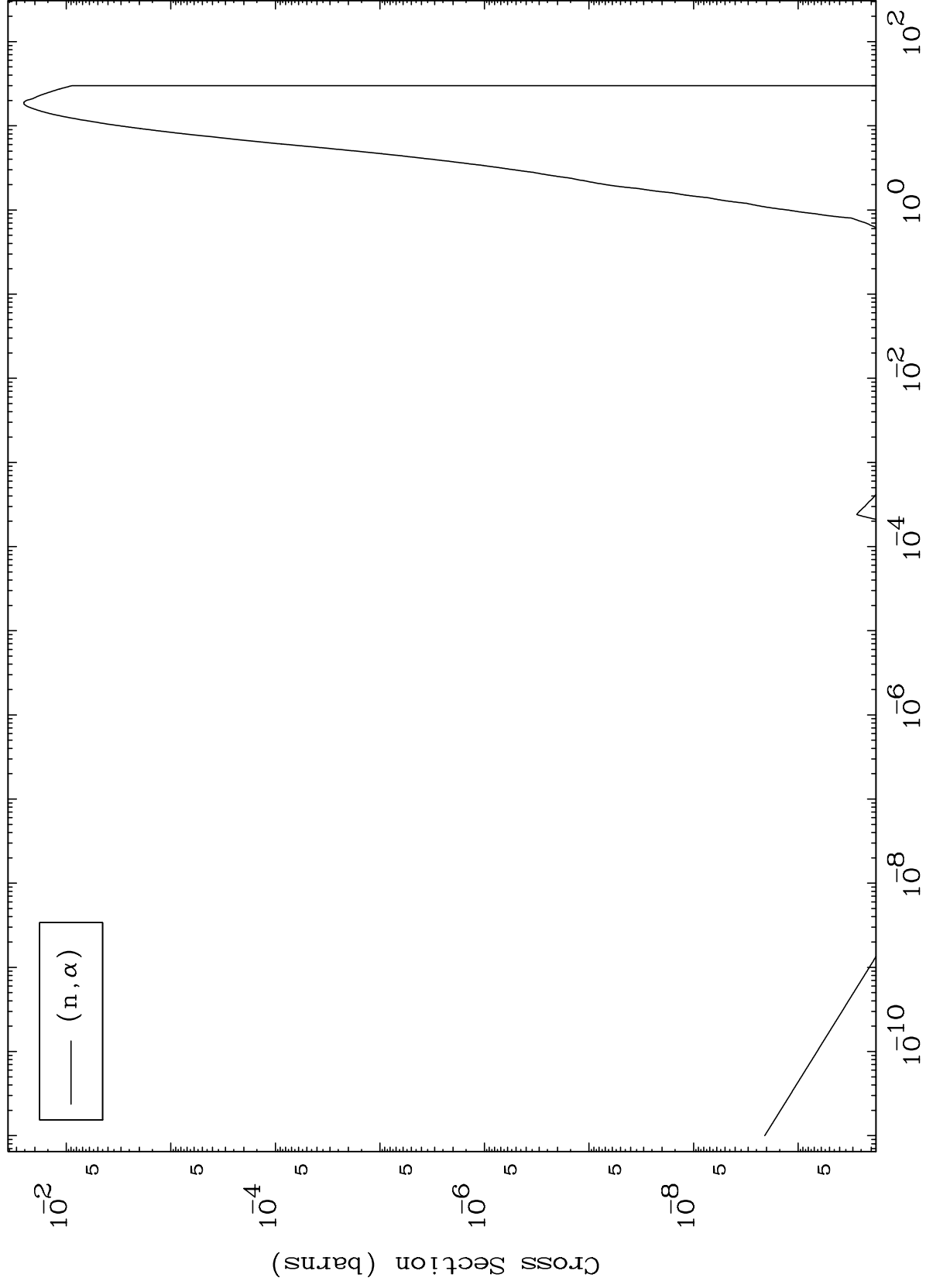
Incident Energy (MeV)

46-Pd-104

MAT 4631

(n, α) Levels
293 Kelvin Cross Sections

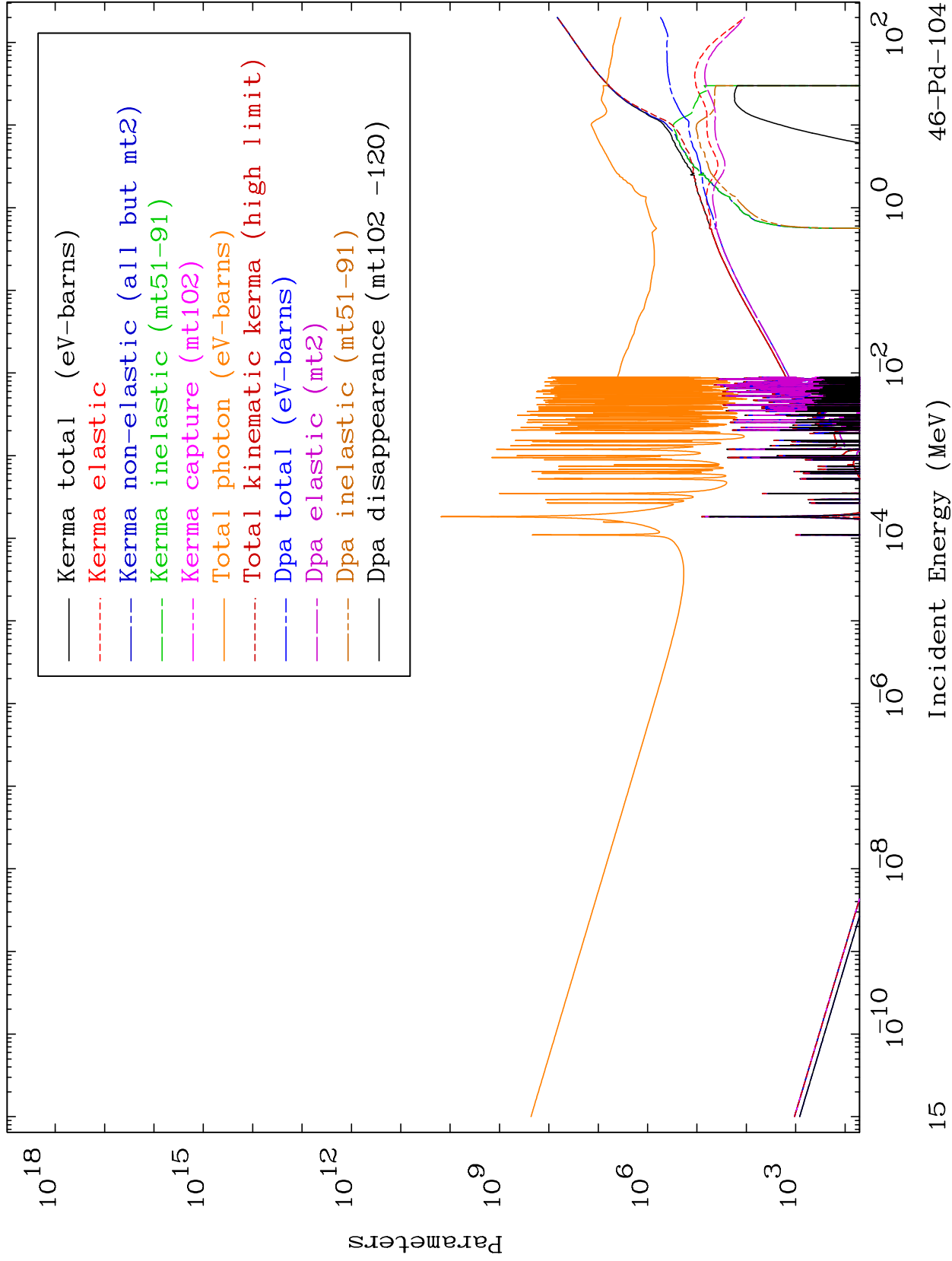
46-Pd-104



14

Incident Energy (MeV)

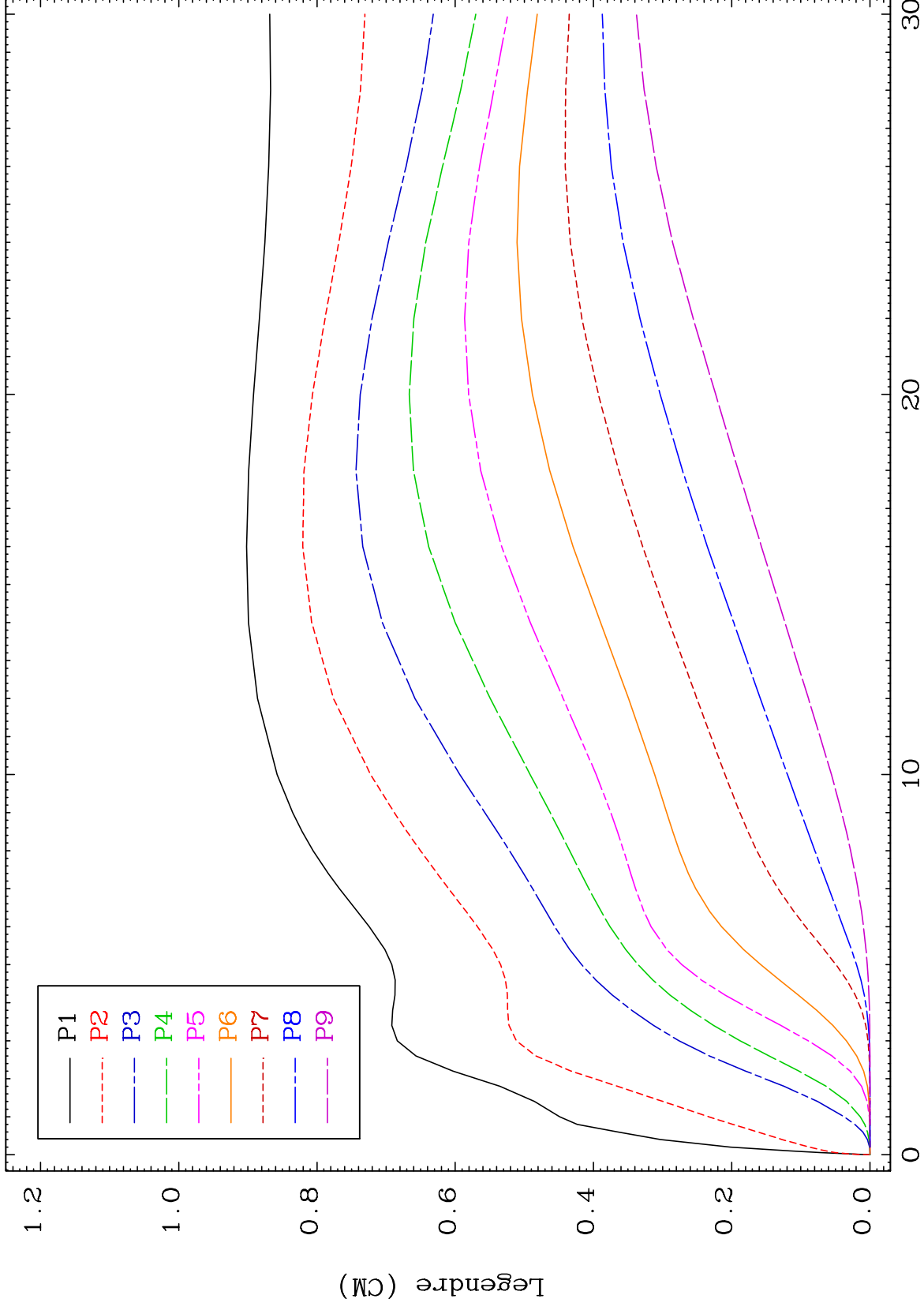
46-Pd-104



MAT 4631

Elastic Legendre Coefficients

46-Pd-104

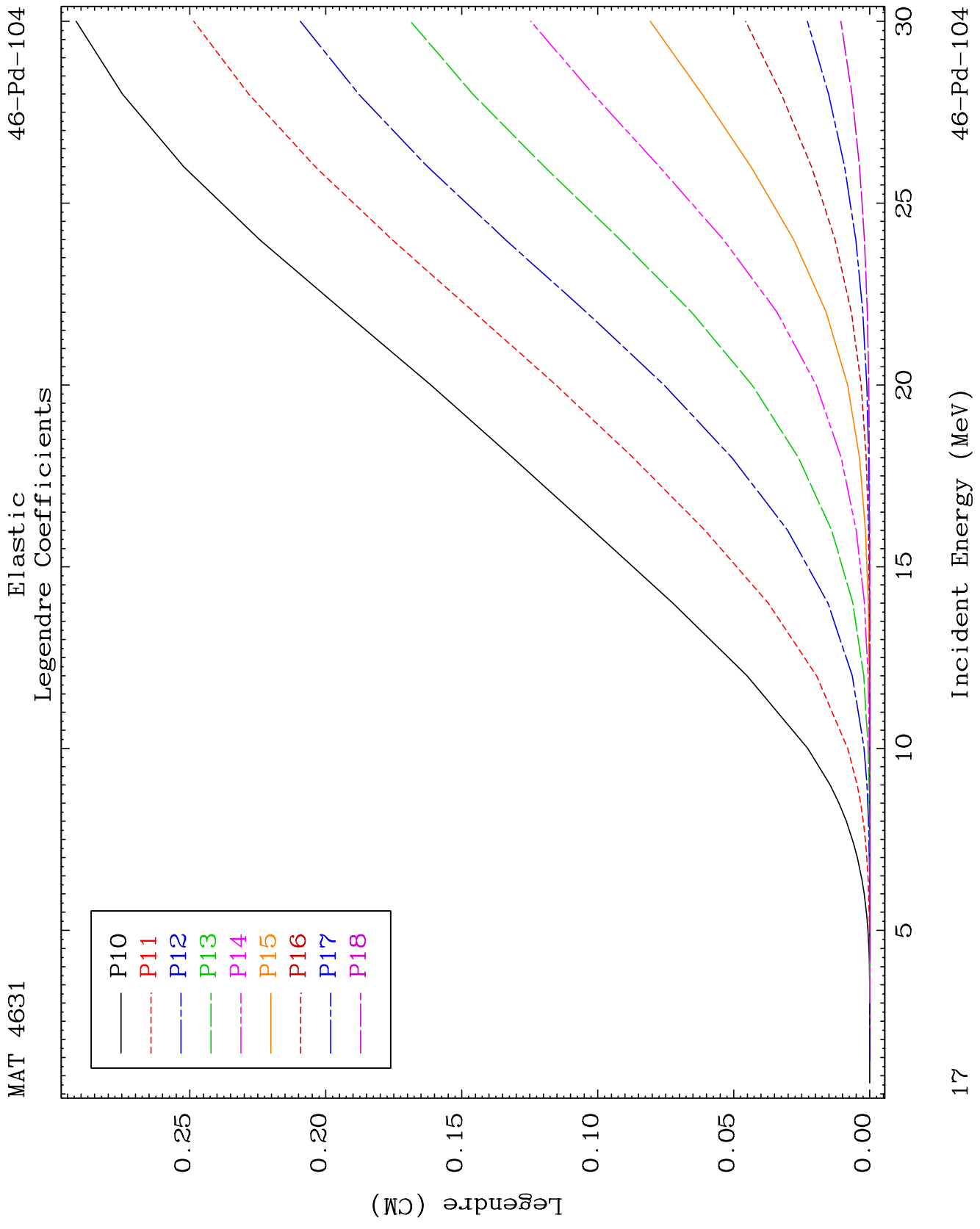


16

Incident Energy (MeV)

46-Pd-104

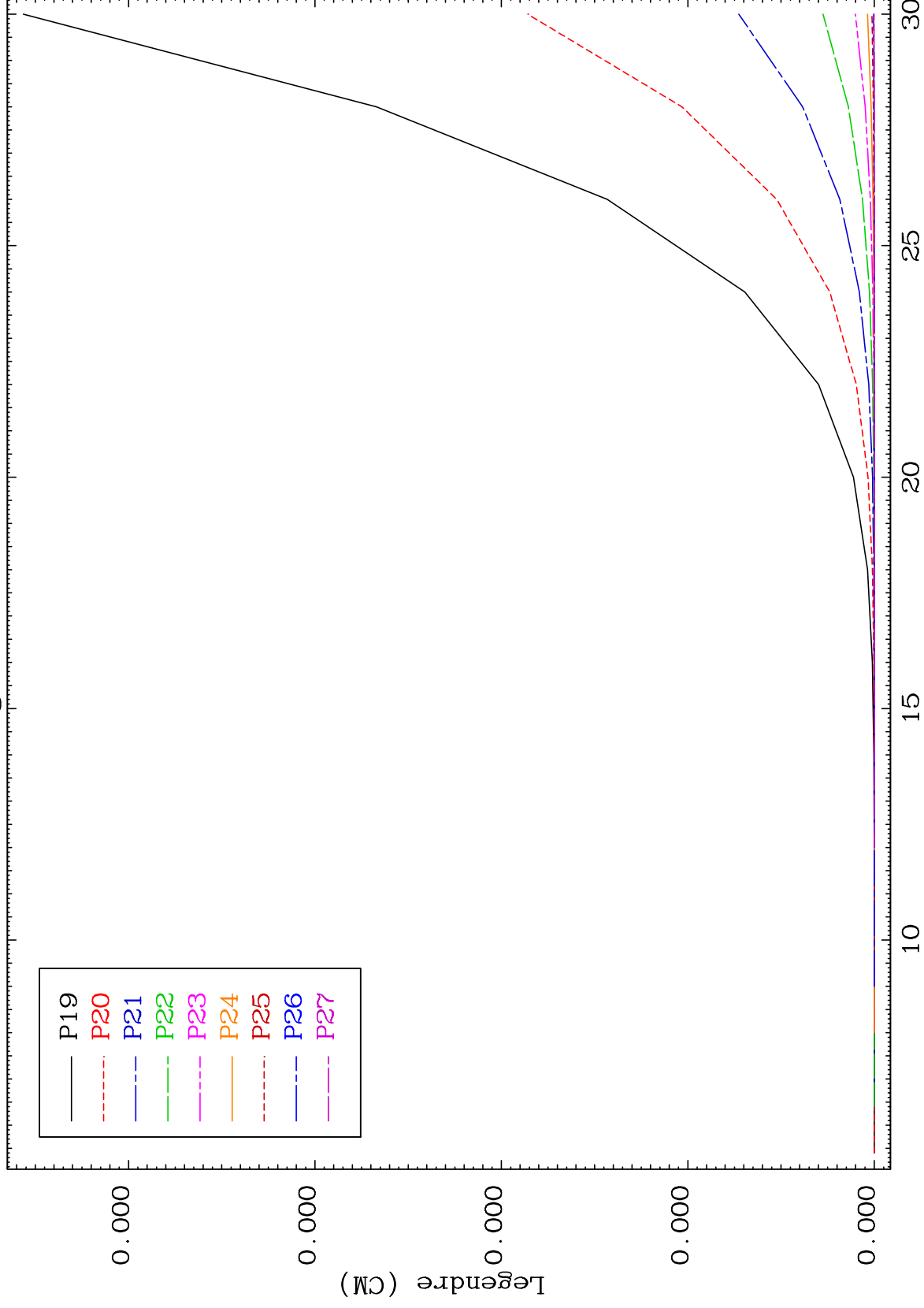
30



MAT 4631

Elastic
Legendre Coefficients

46-Pd-104



18

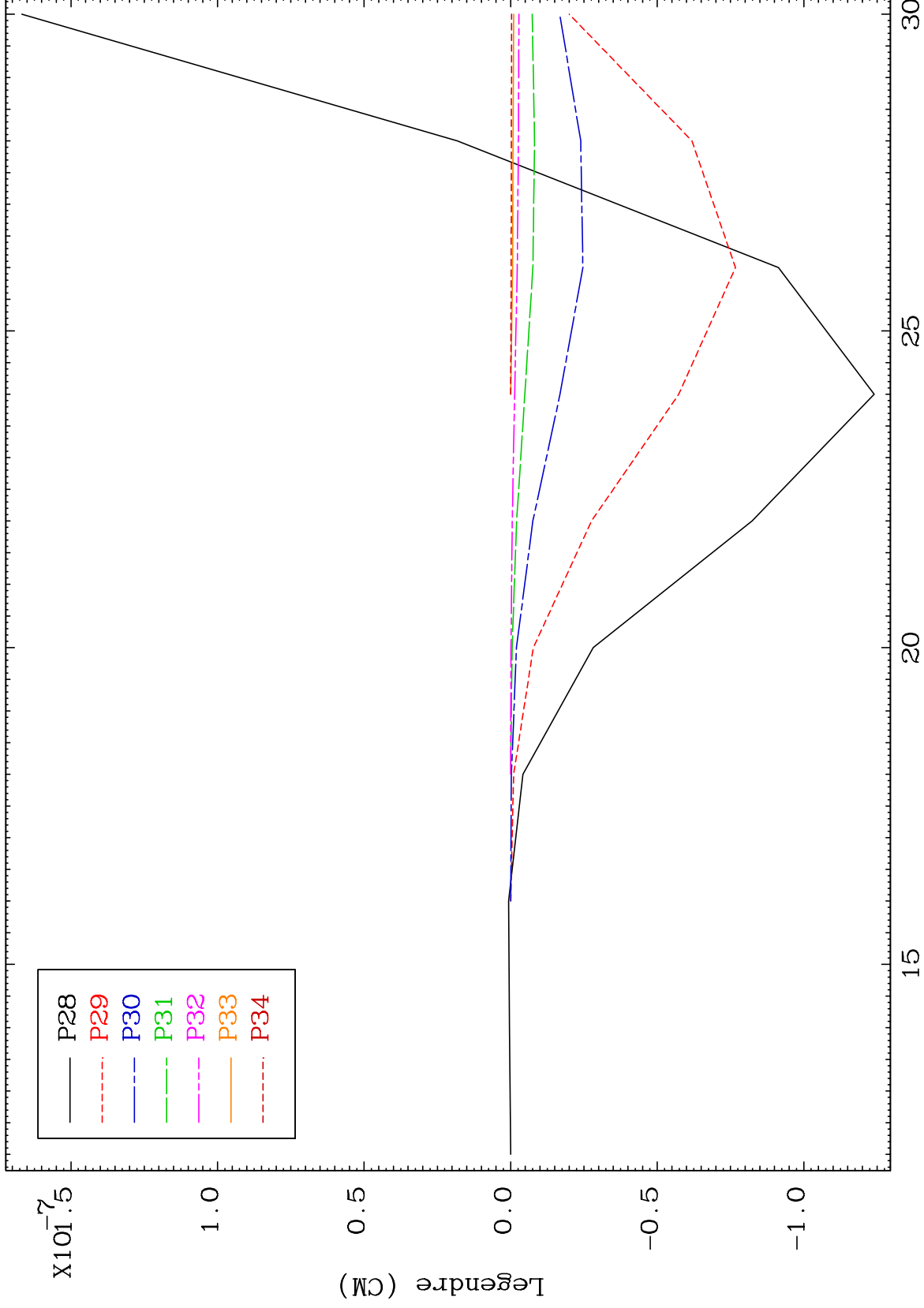
Incident Energy (MeV)

46-Pd-104

MAT 4631

Elastic Legendre Coefficients

46-Pd-104



19

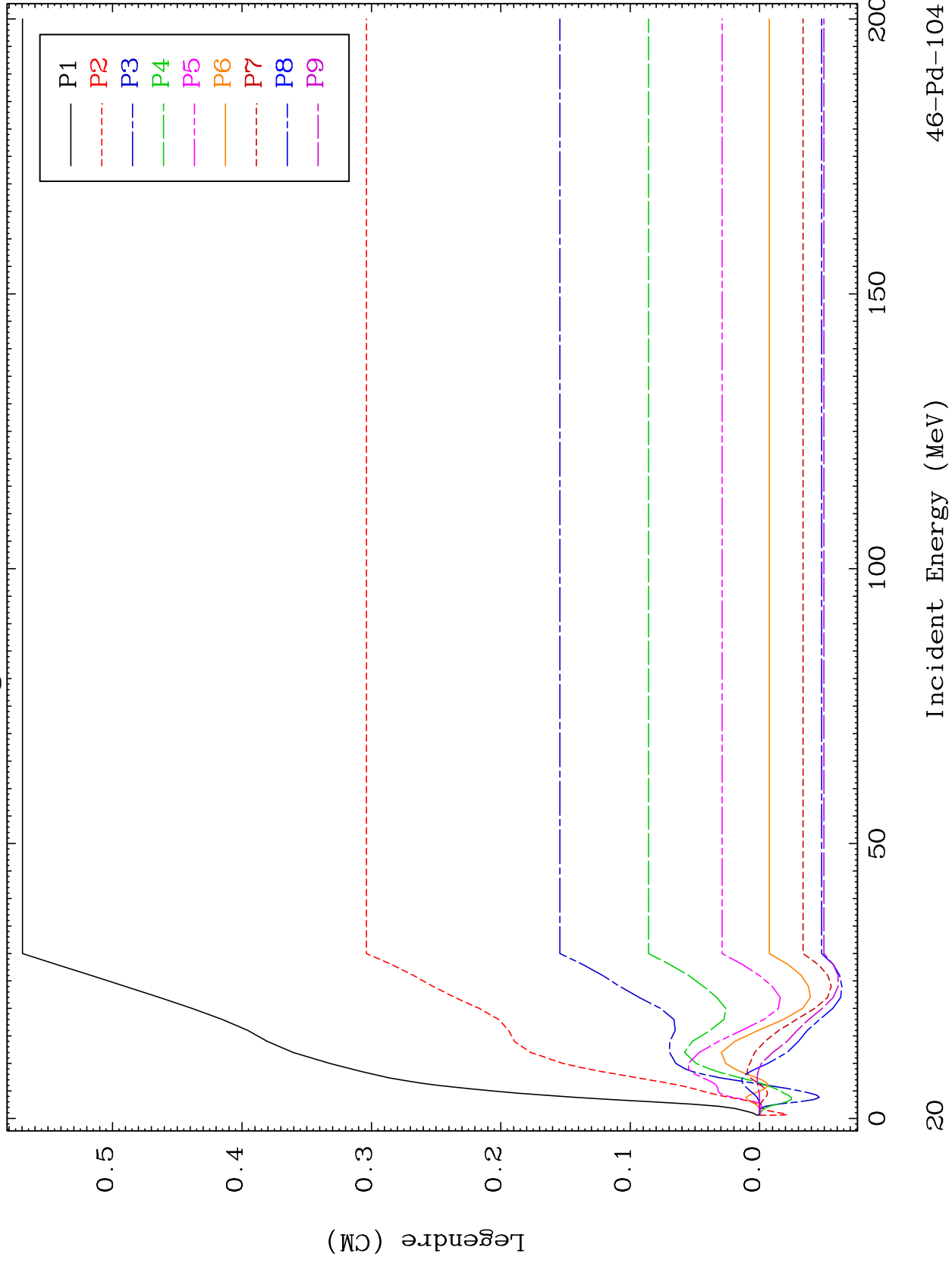
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

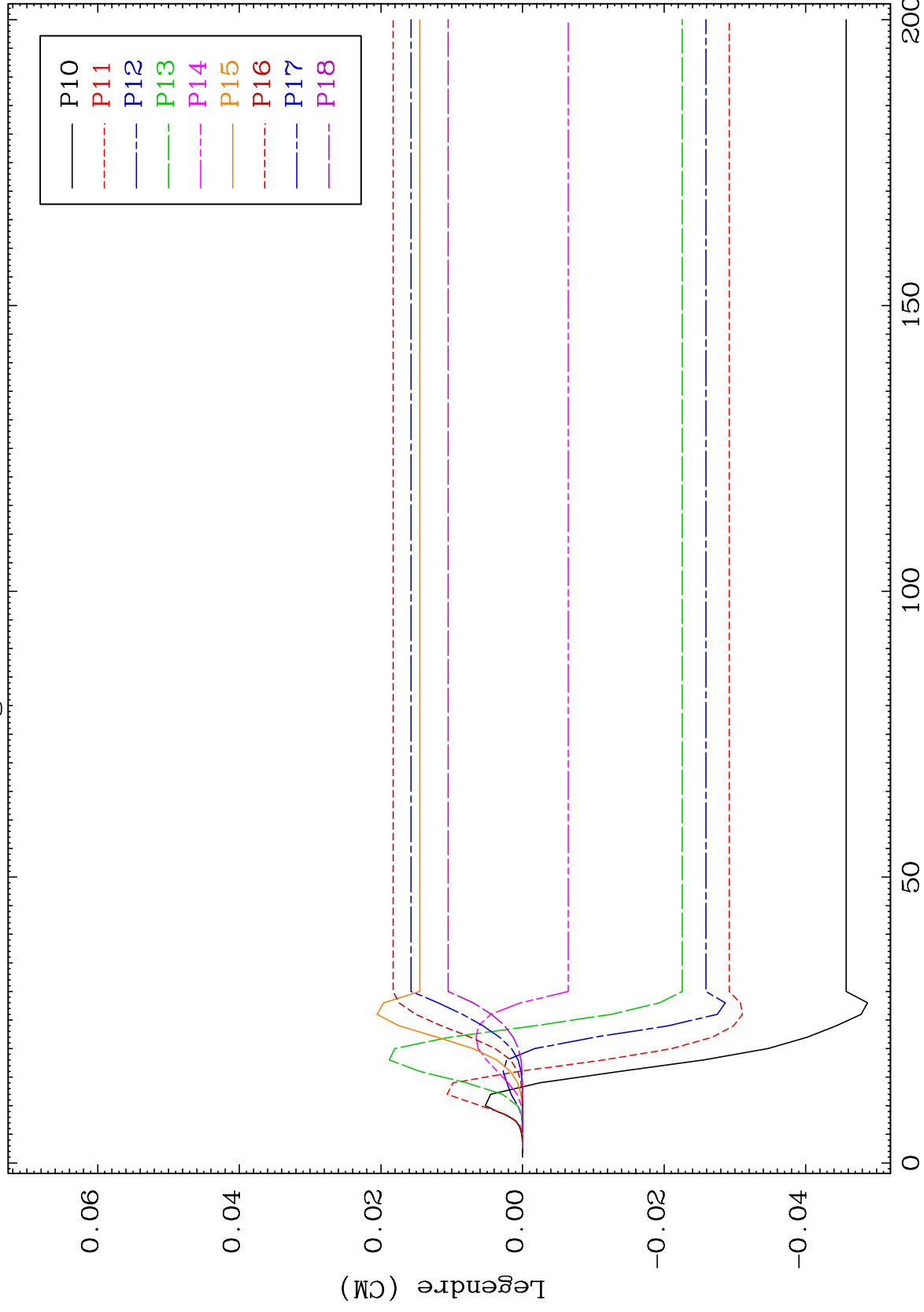
46-Pd-104



MAT 4631

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

46-Pd-104



21

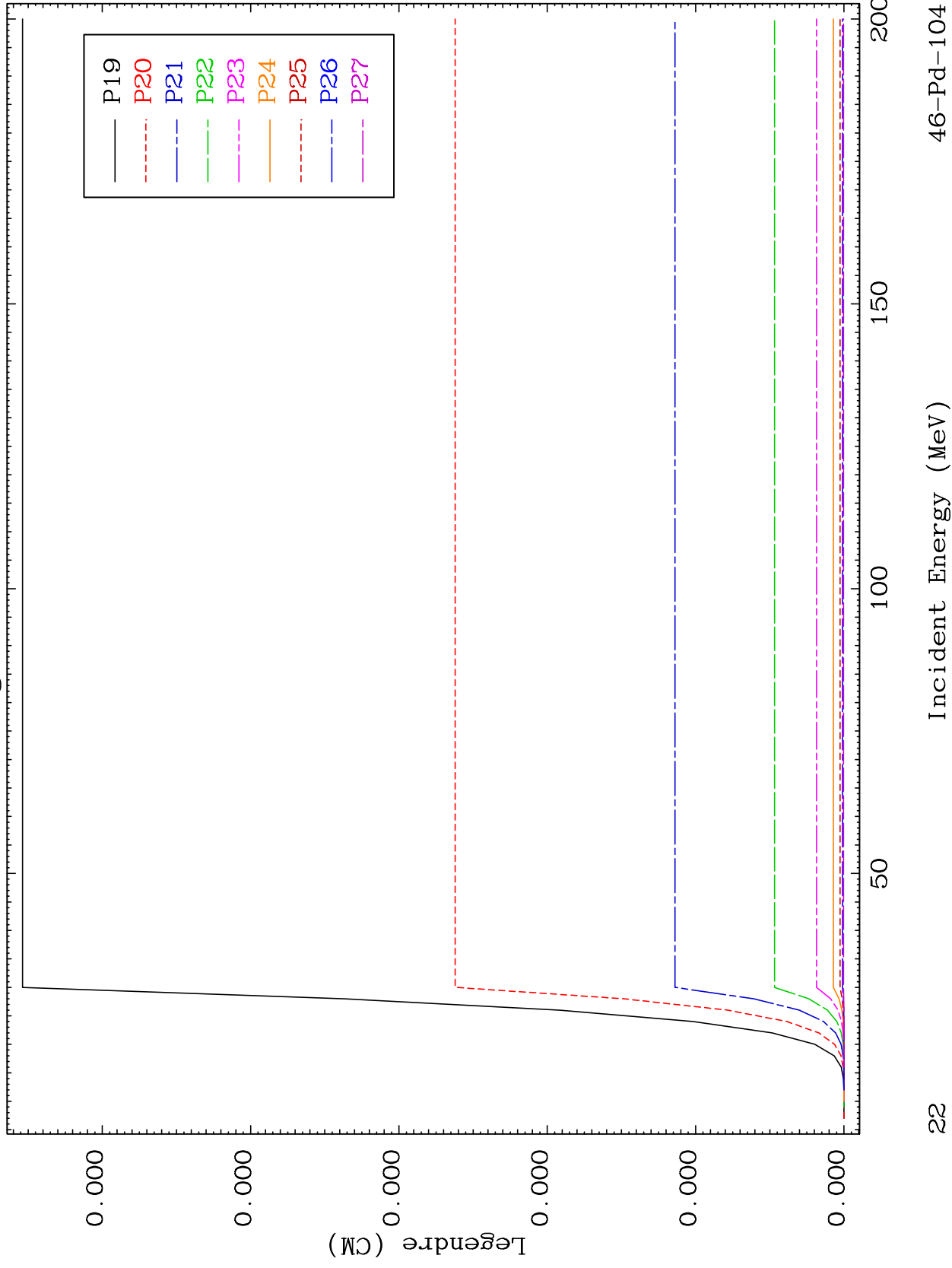
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



22

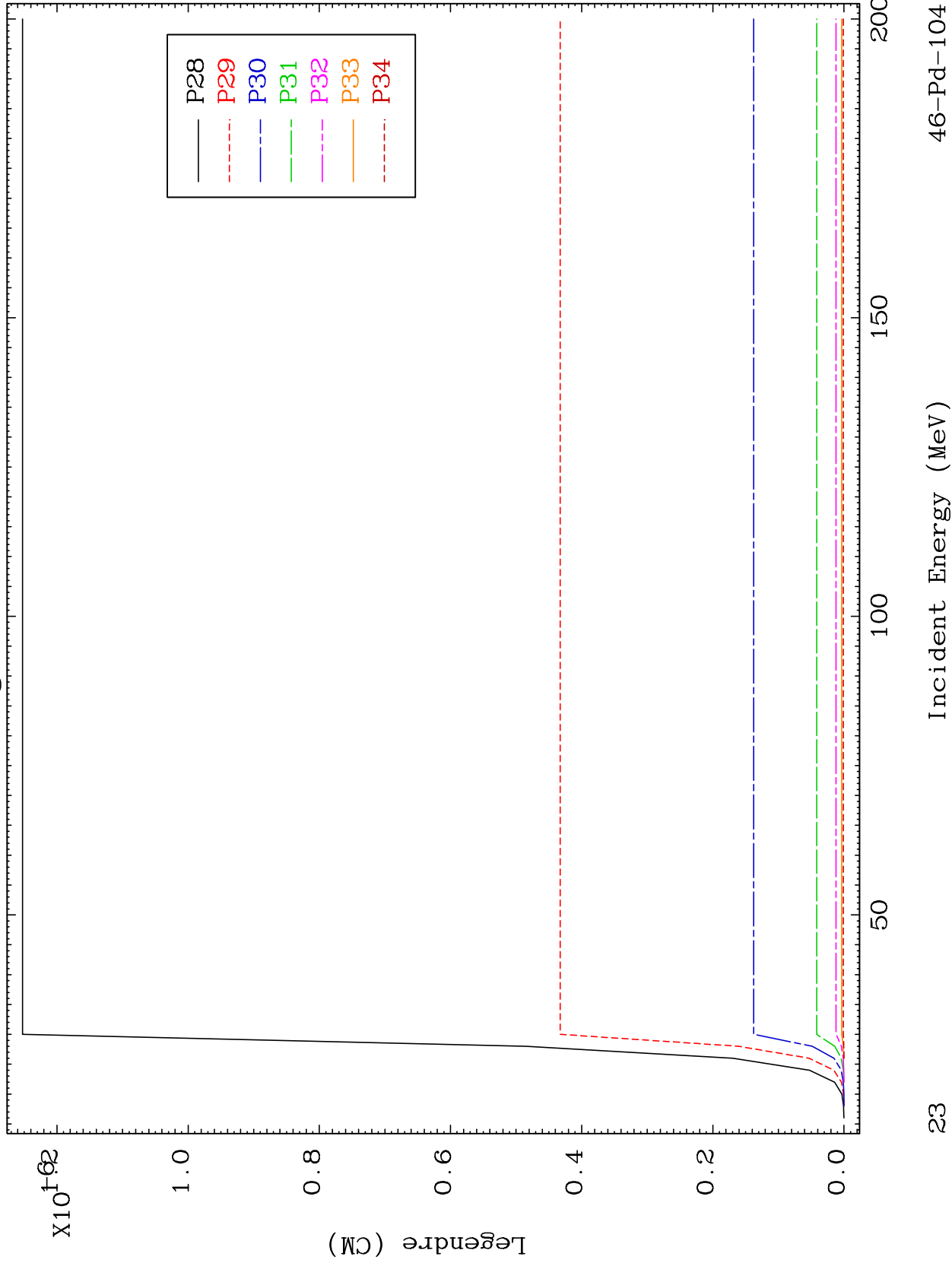
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



23

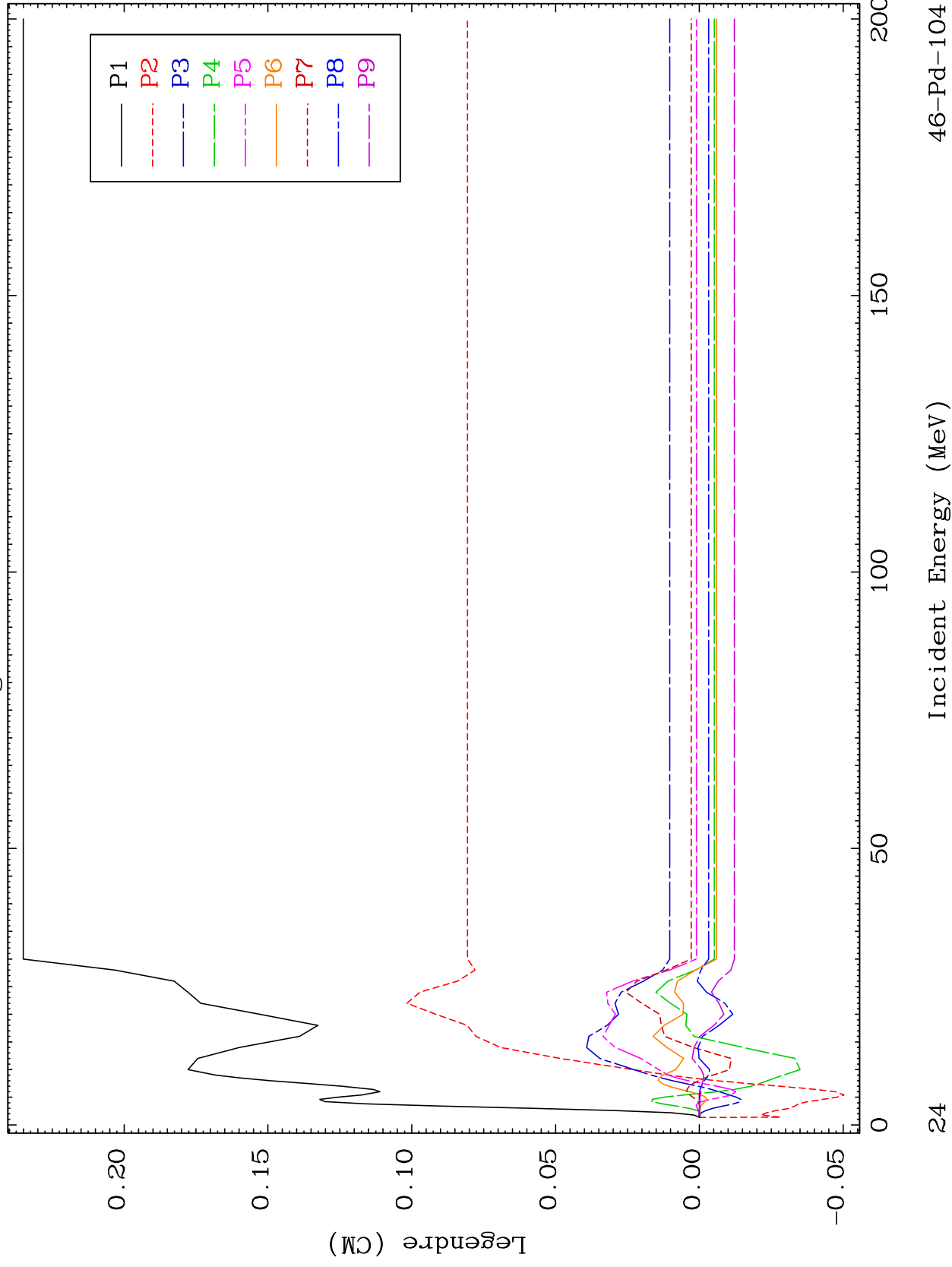
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



46-Pd-104

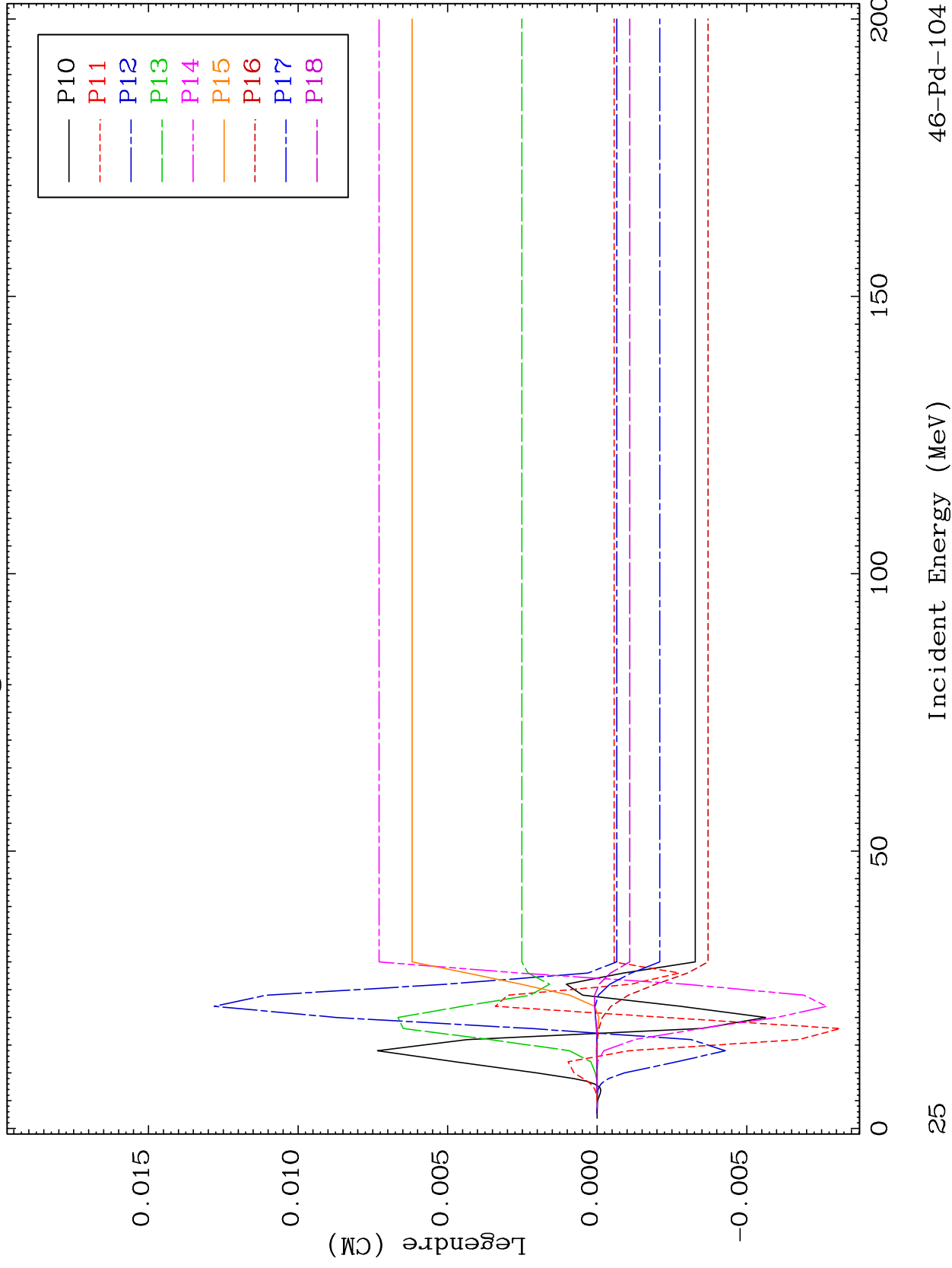
Incident Energy (MeV)

24

MAT 4631

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

46-Pd-104



46-Pd-104

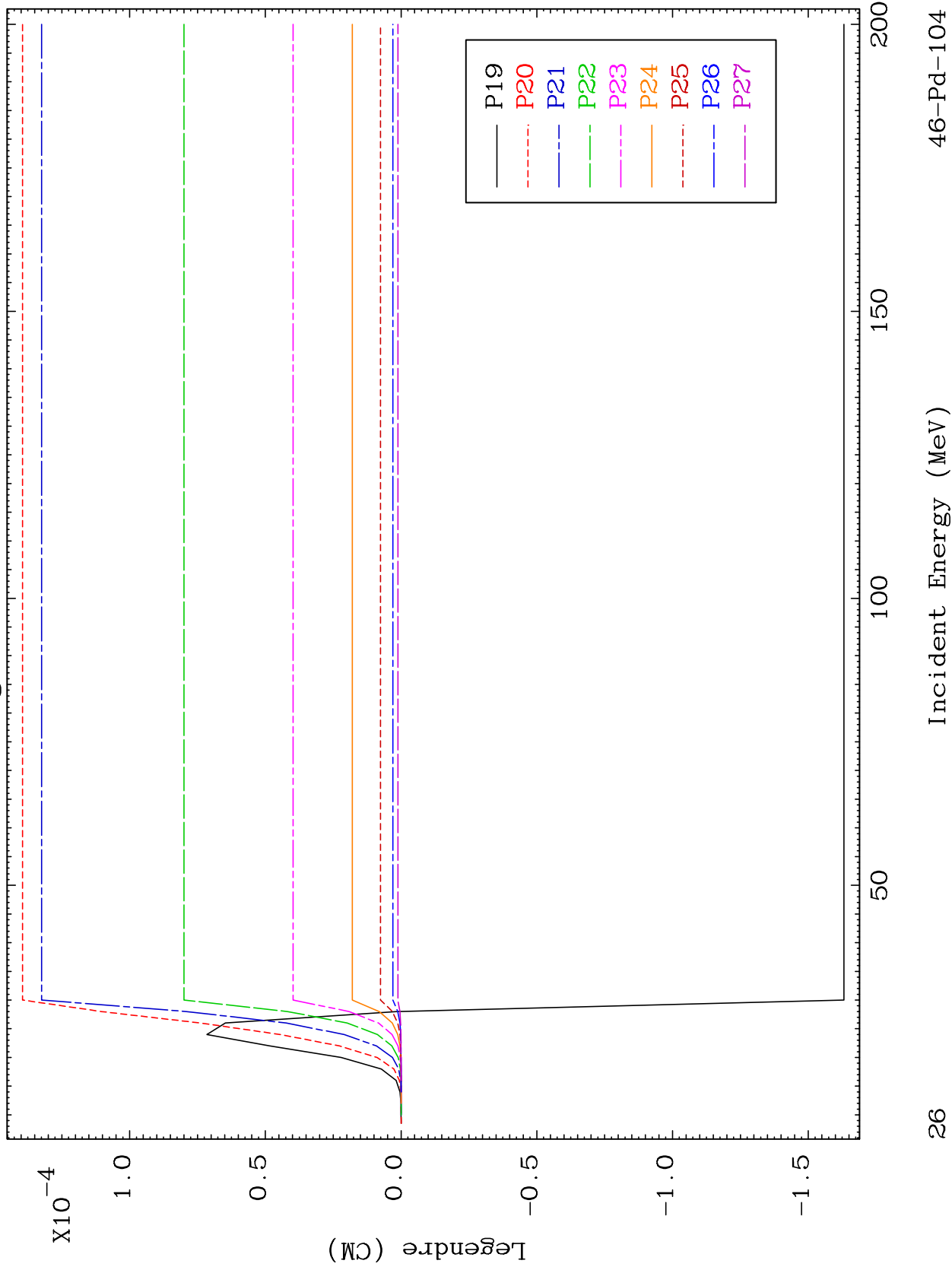
Incident Energy (MeV)

25

MAT 4631

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

46-Pd-104

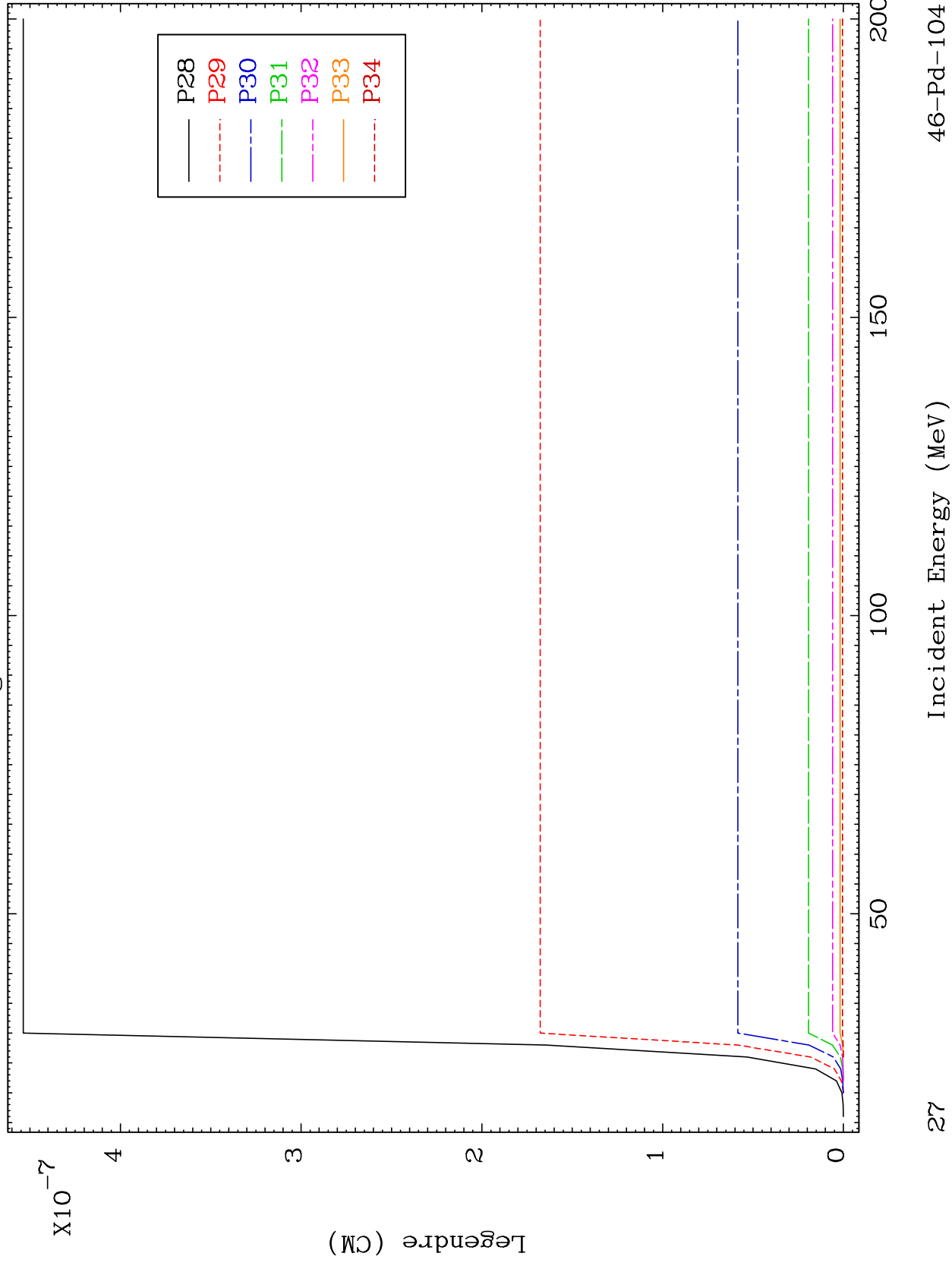


26

MAT 4631

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

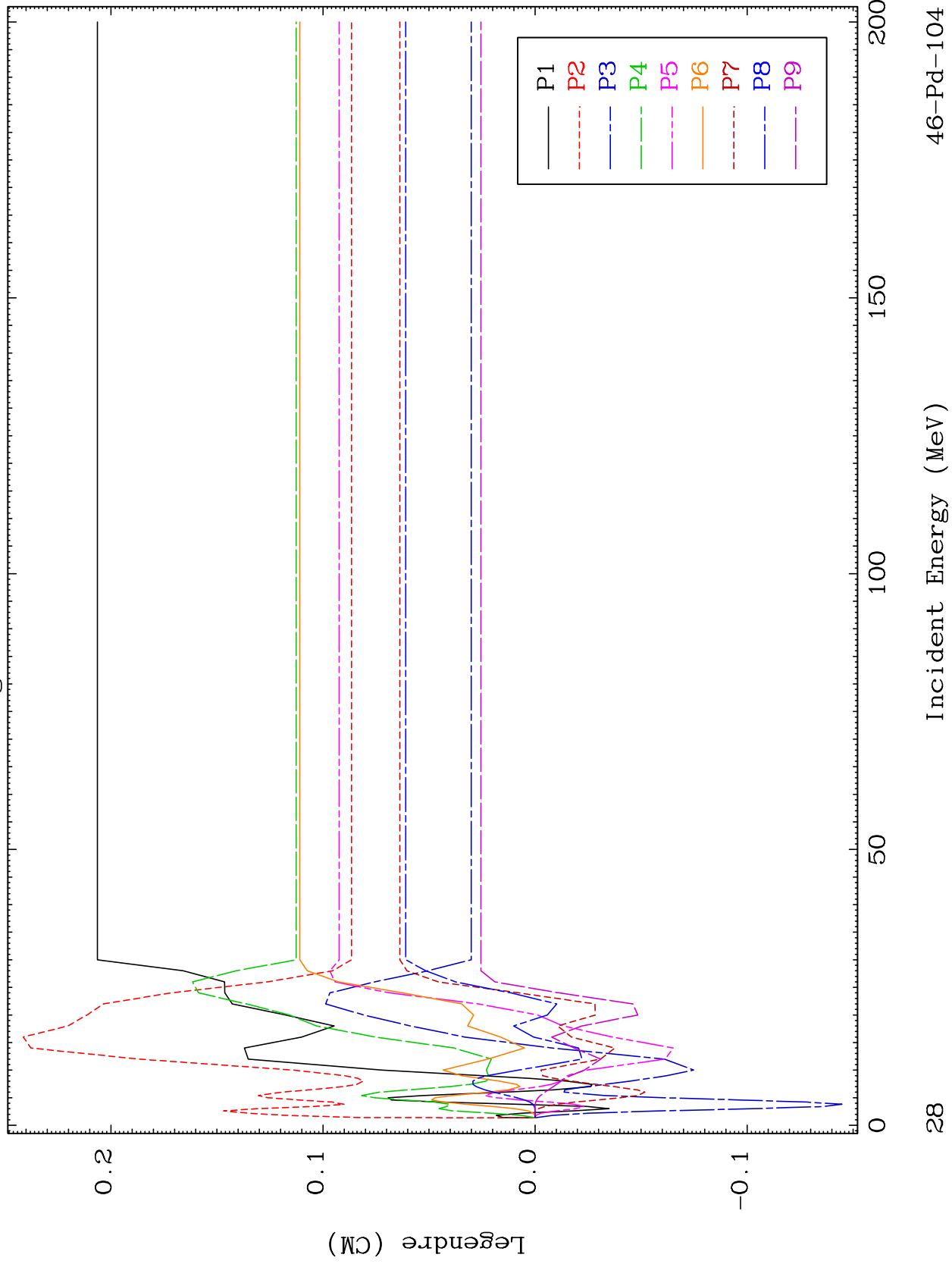
46-Pd-104



MAT 4631

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

46-Pd-104



46-Pd-104

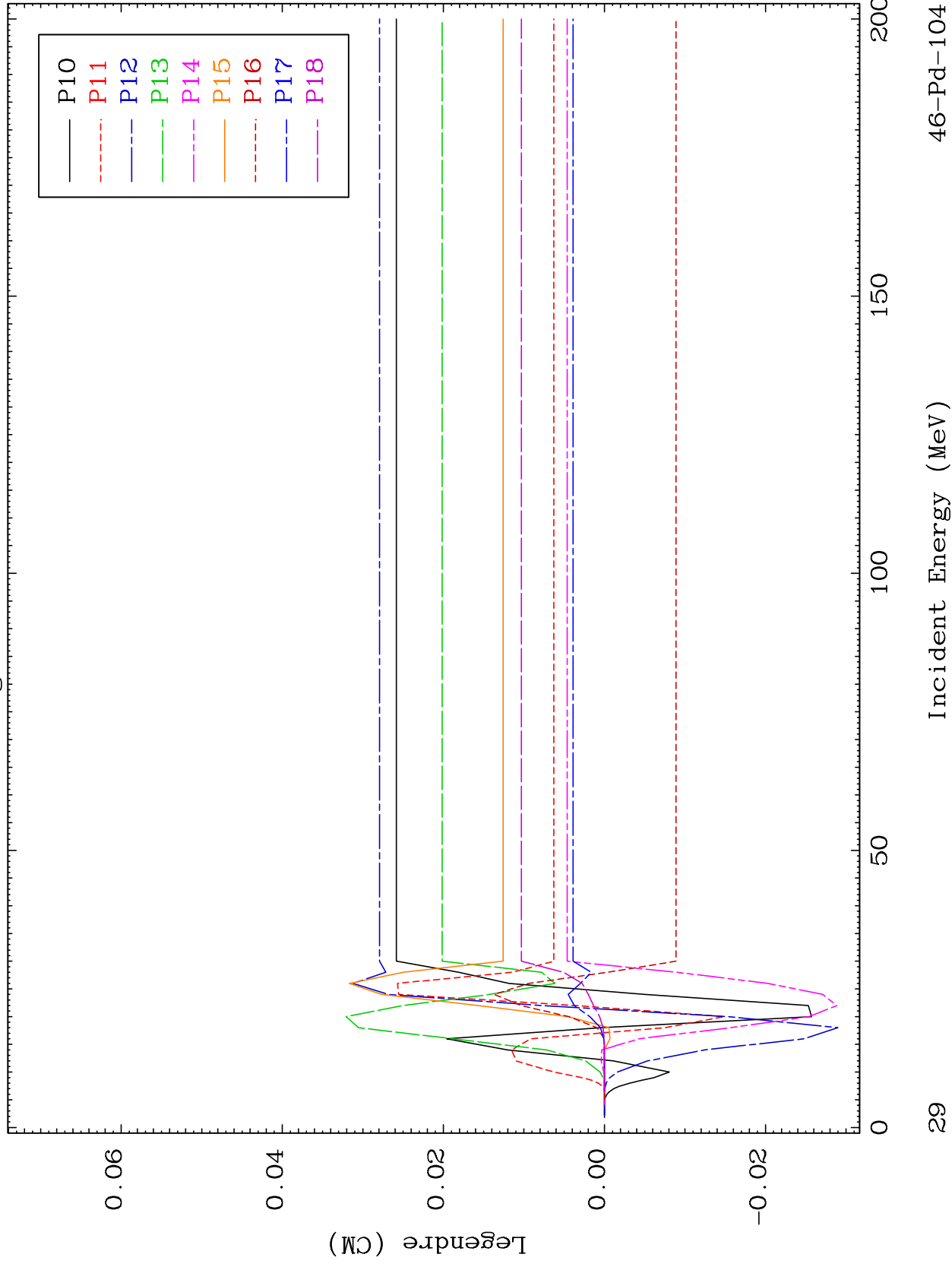
Incident Energy (MeV)

28

MAT 4631

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

46-Pd-104



46-Pd-104

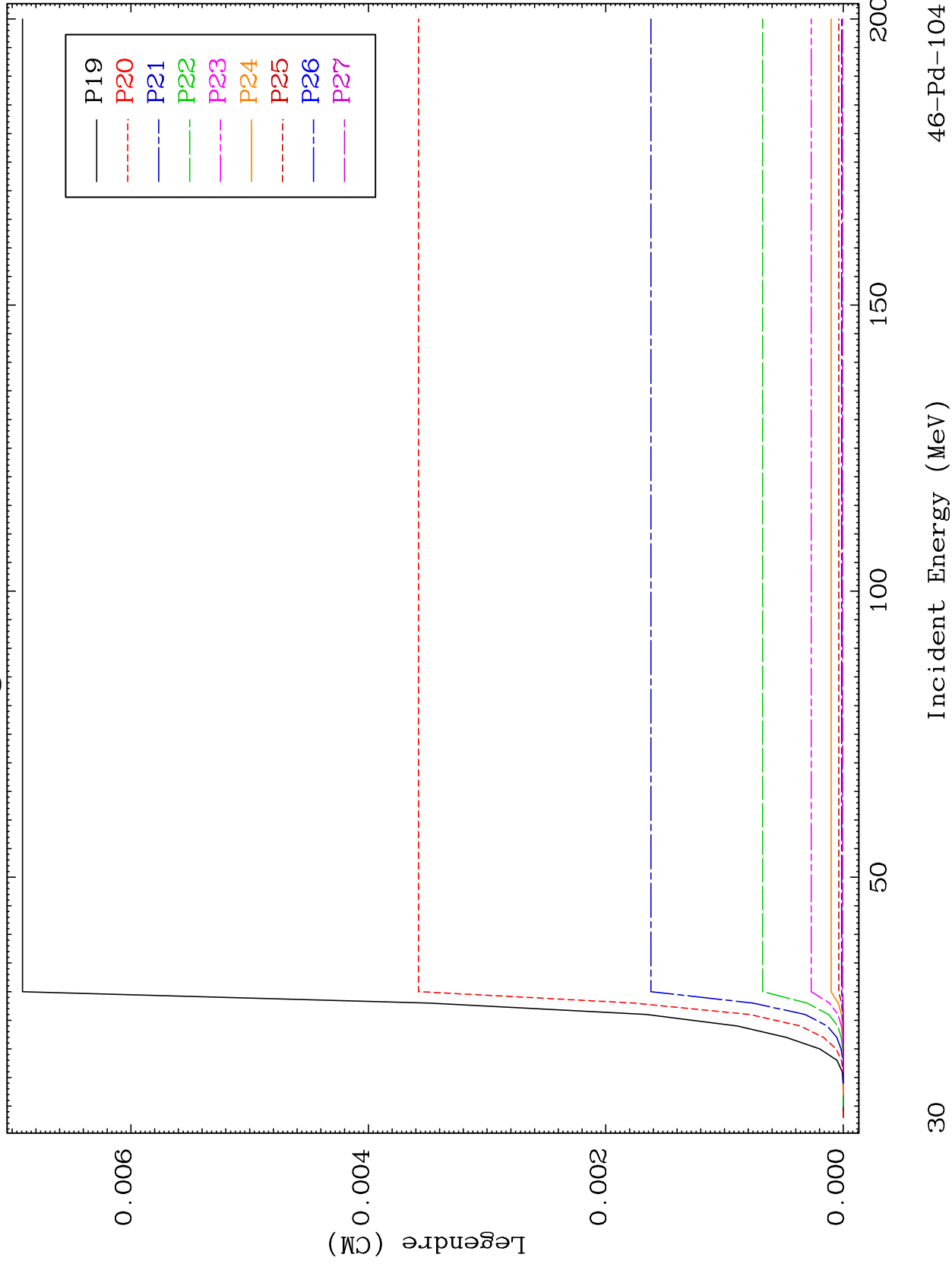
Incident Energy (MeV)

29

MAT 4631

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

46-Pd-104



30

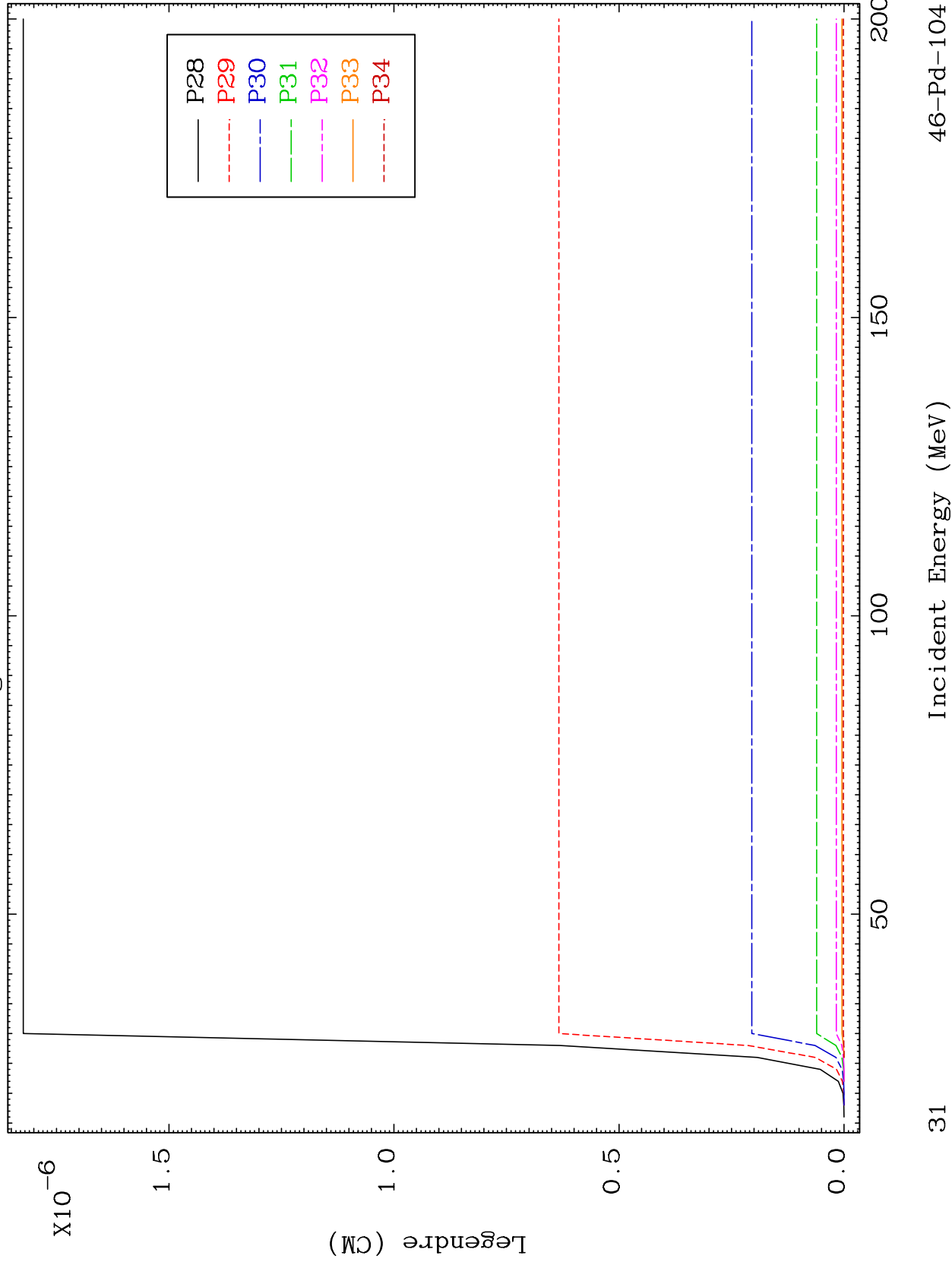
Incident Energy (MeV)

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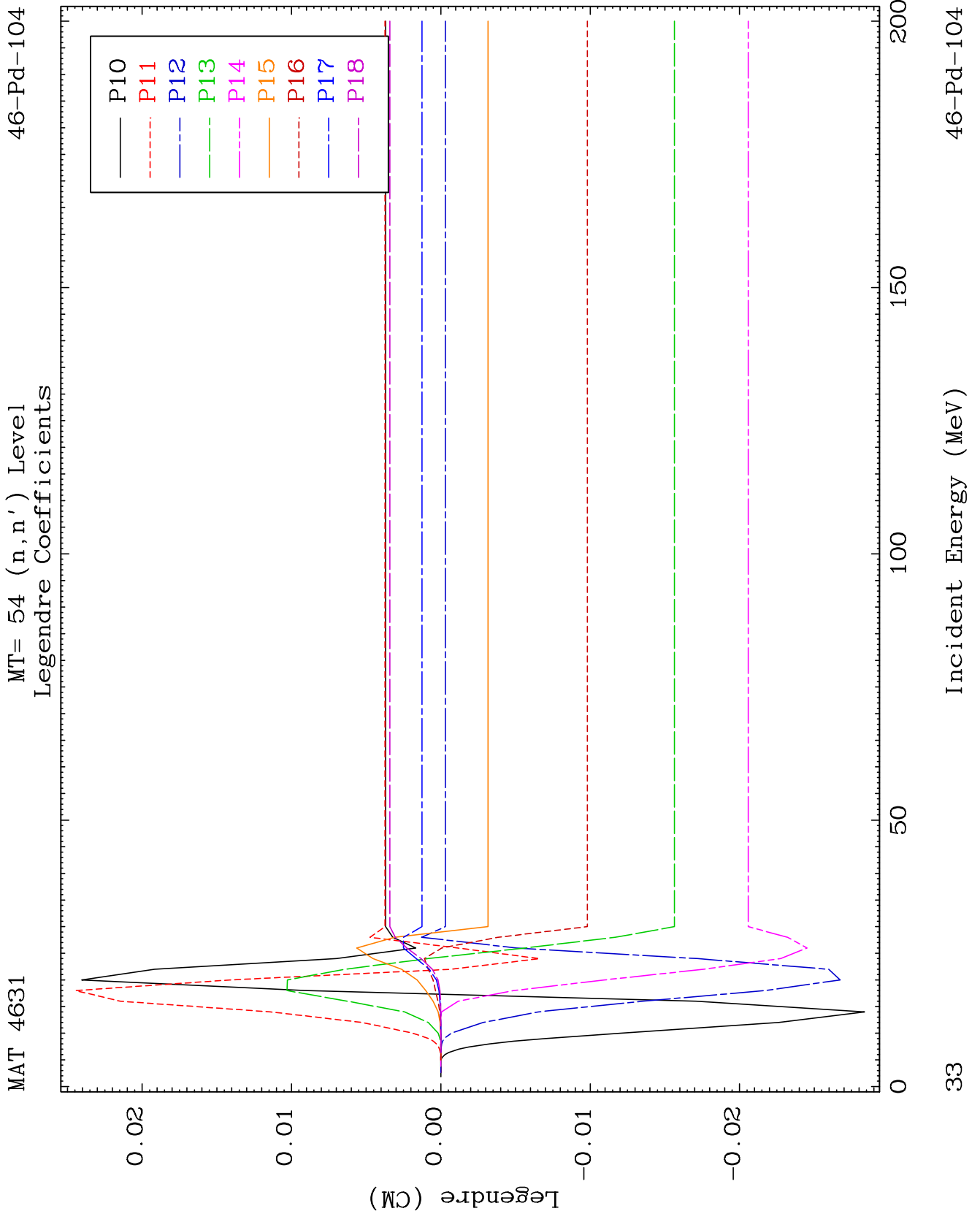
MAT 4631

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

46-Pd-104



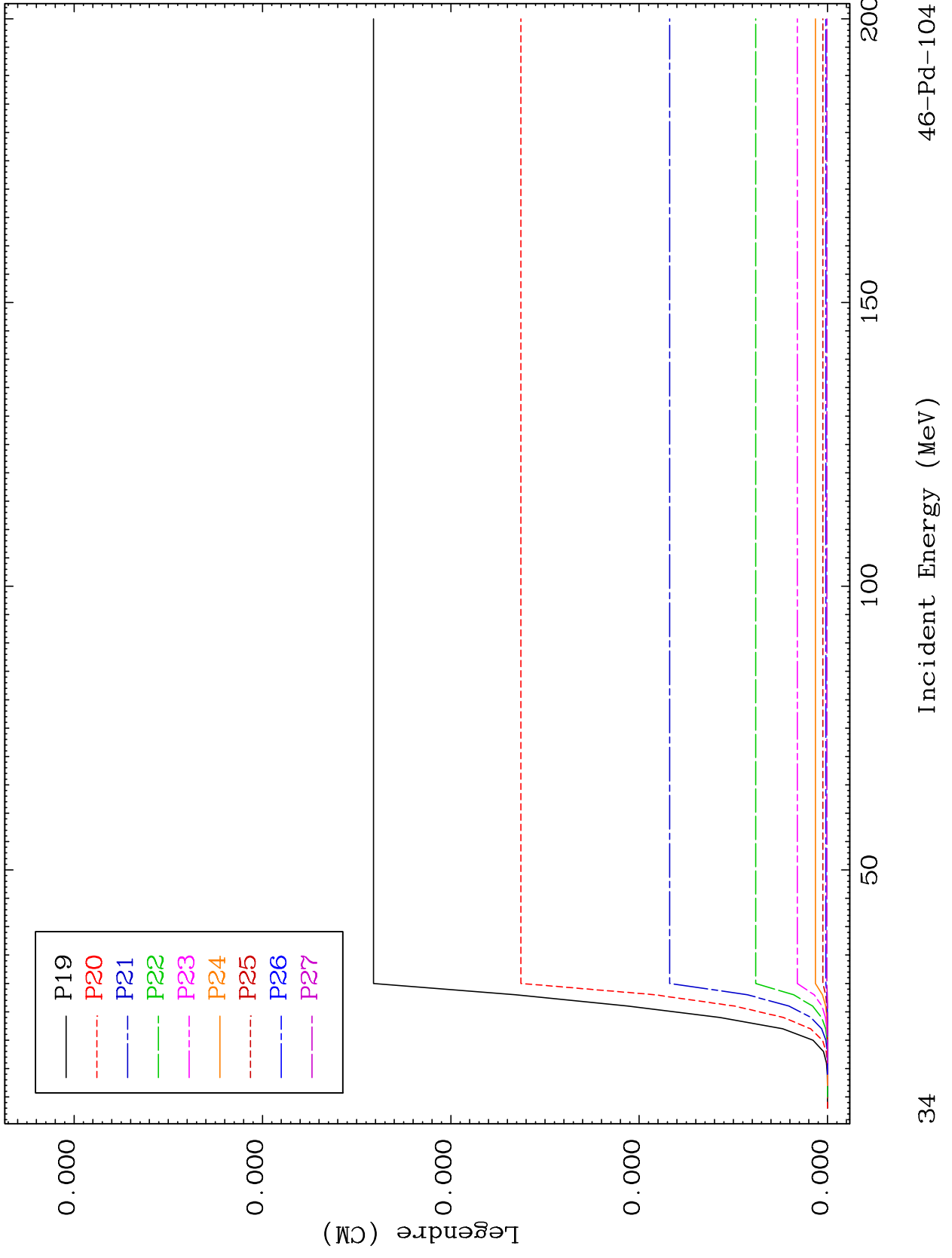
31



MAT 4631

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

46-Pd-104

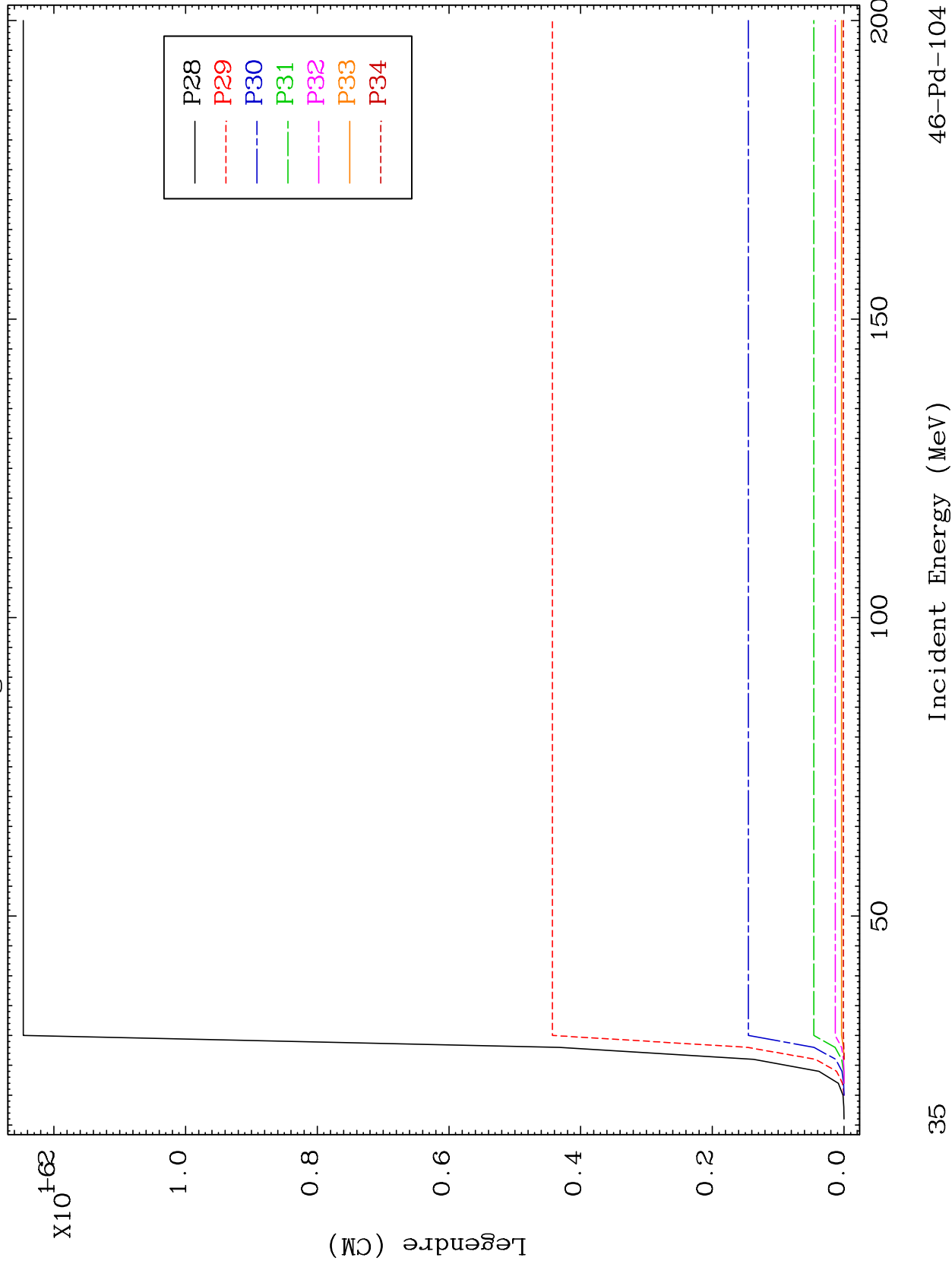


34

MAT 4631

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

46-Pd-104



35

Incident Energy (MeV)

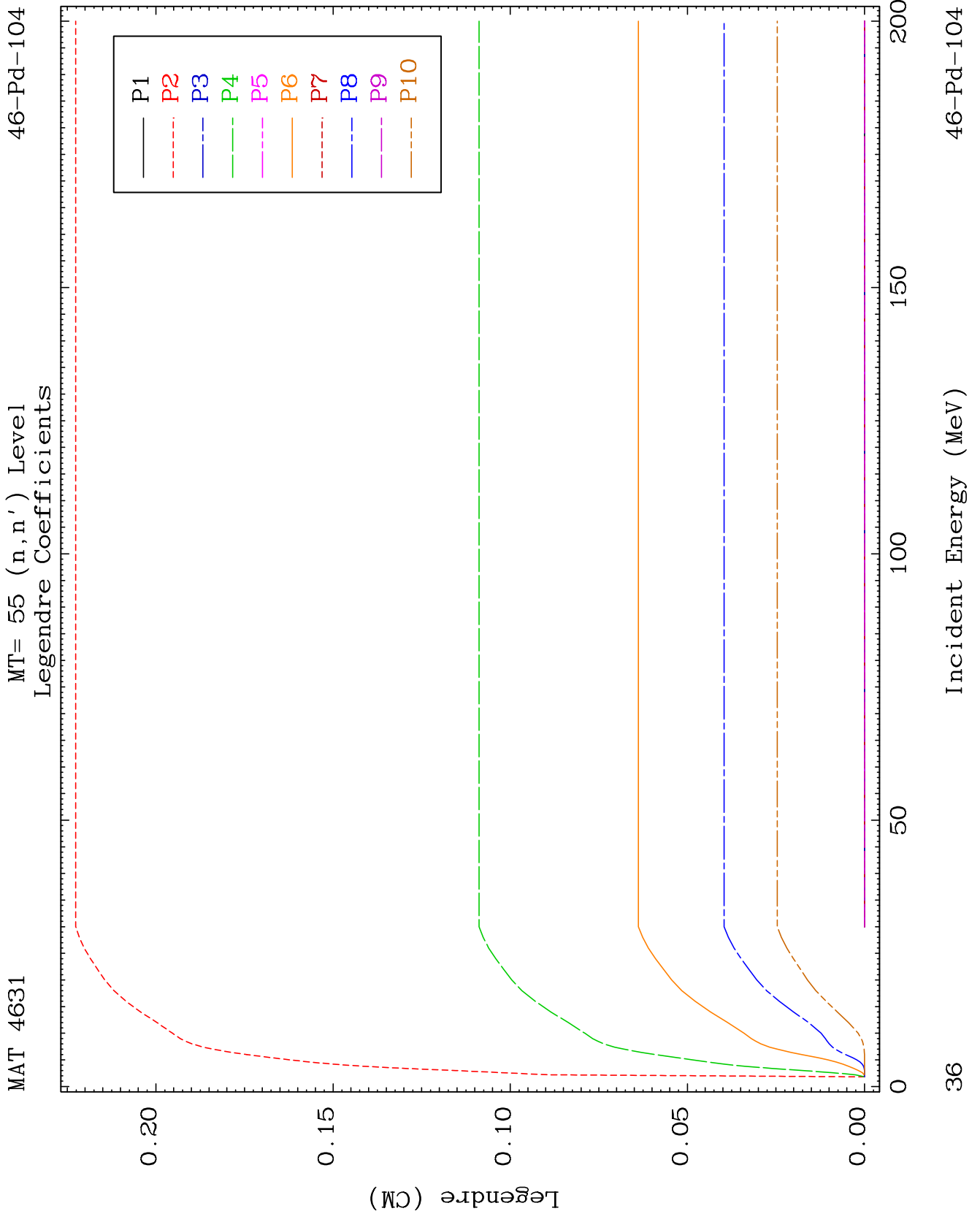
46-Pd-104

200

150

100

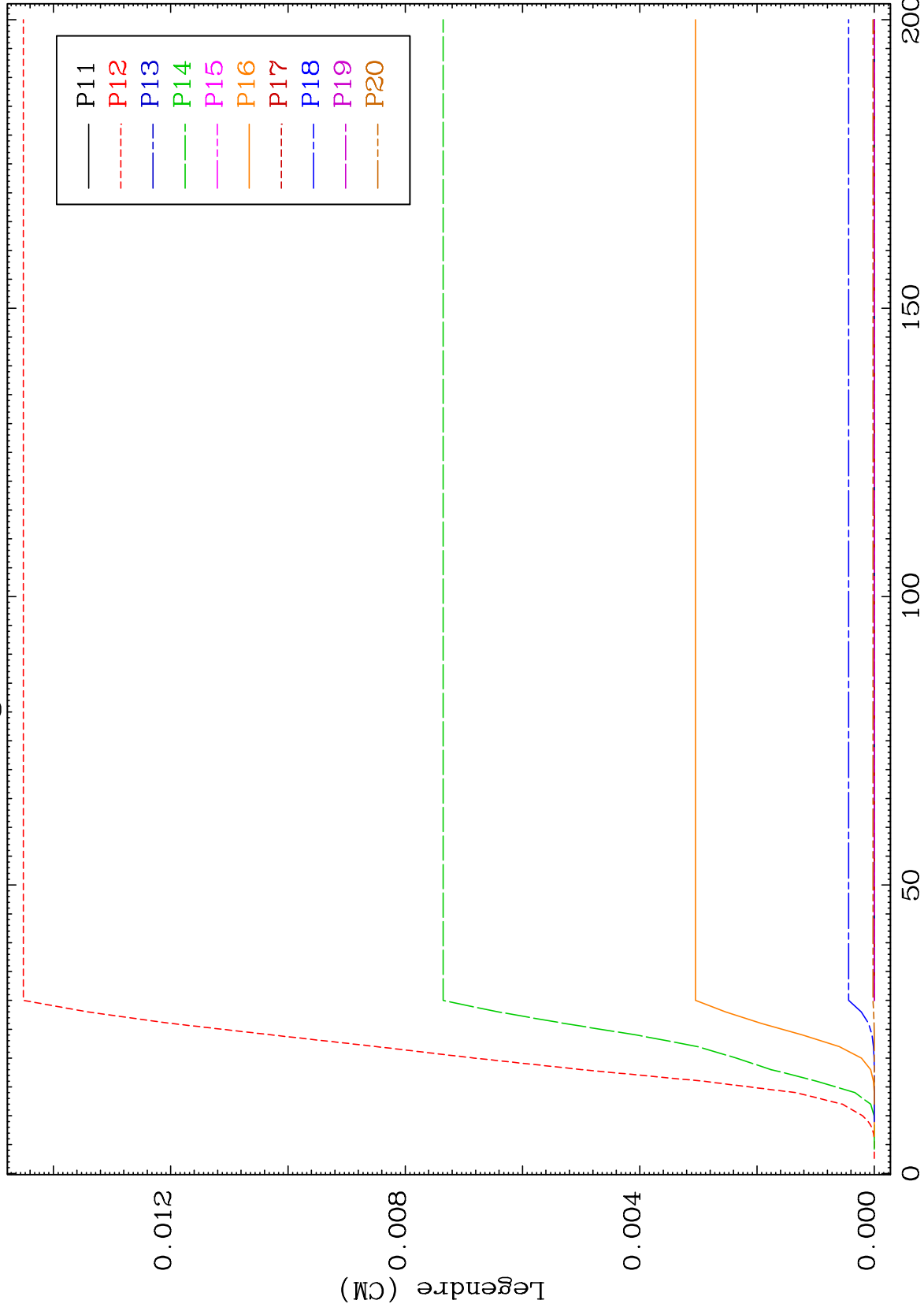
50



MAT 4631

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

46-Pd-104



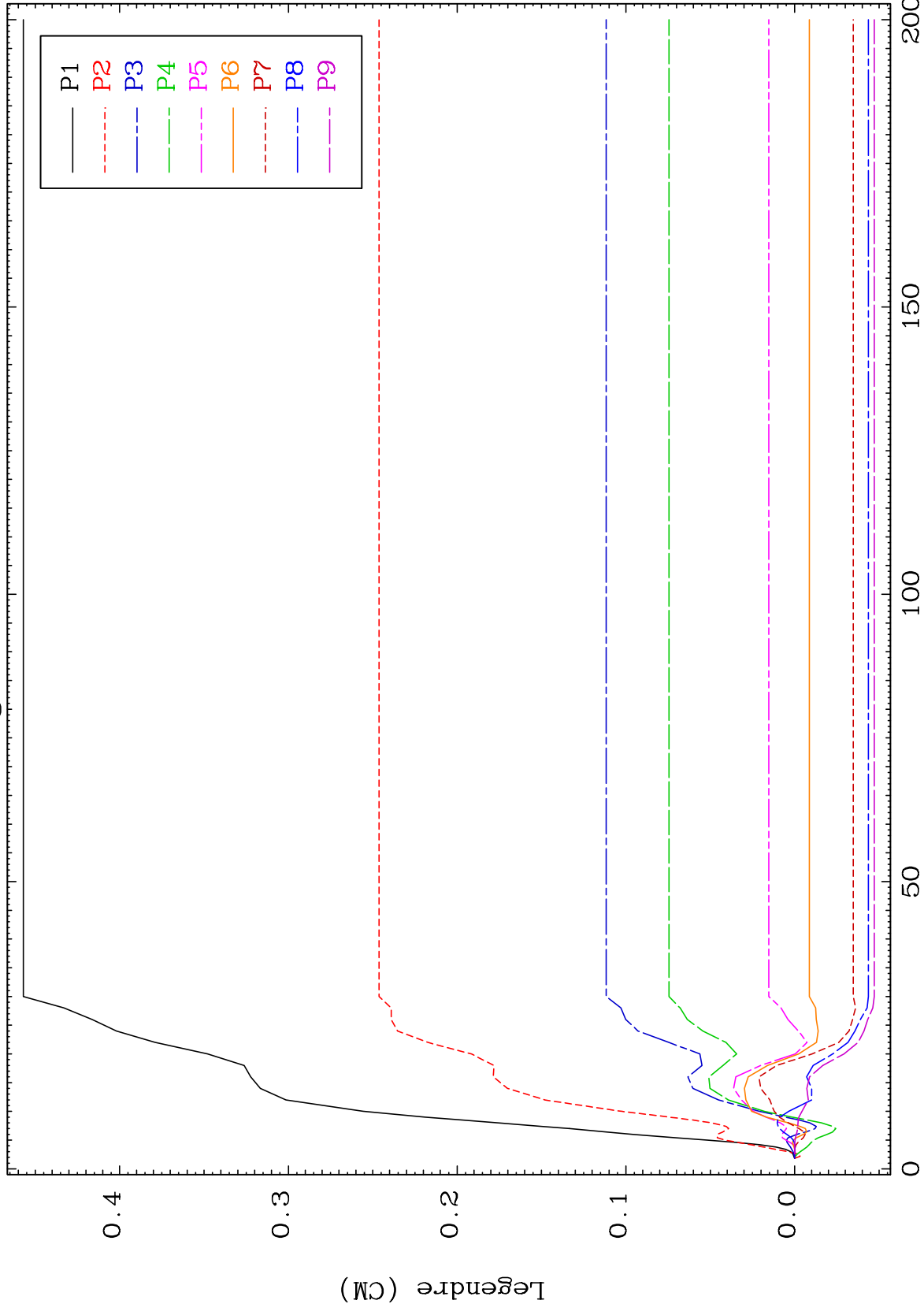
37

46-Pd-104

MAT 4631

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

46-Pd-104



39

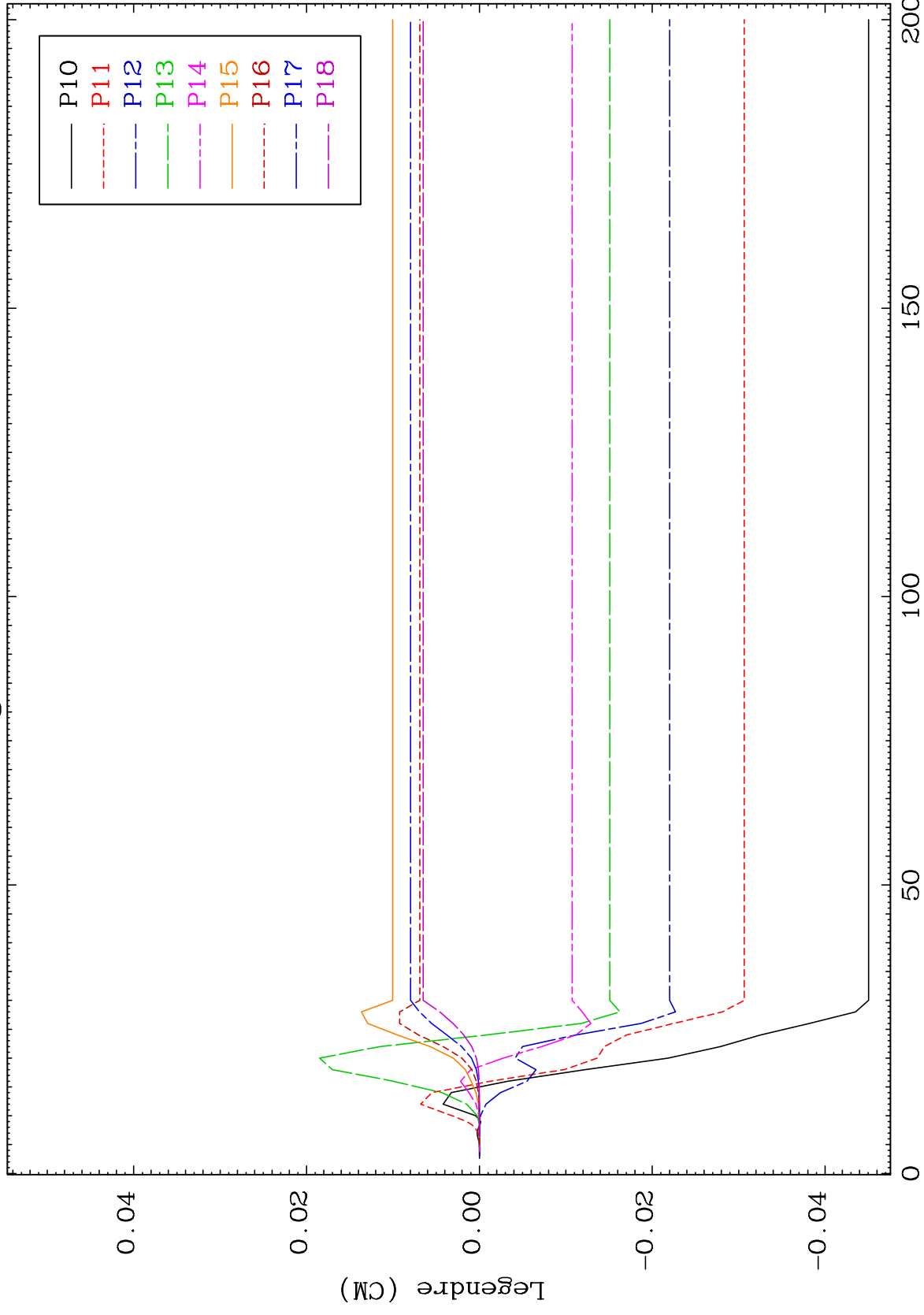
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



40

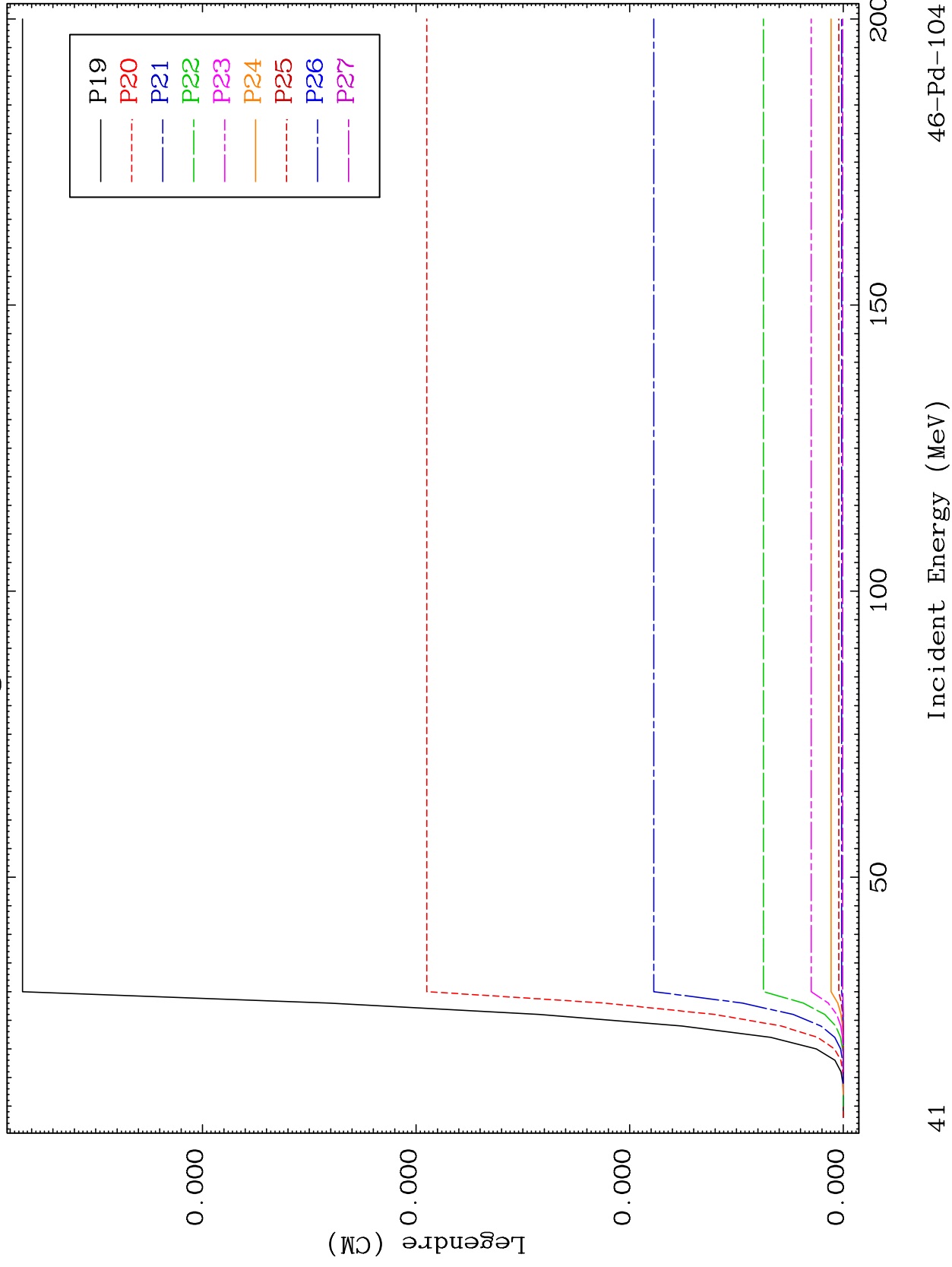
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

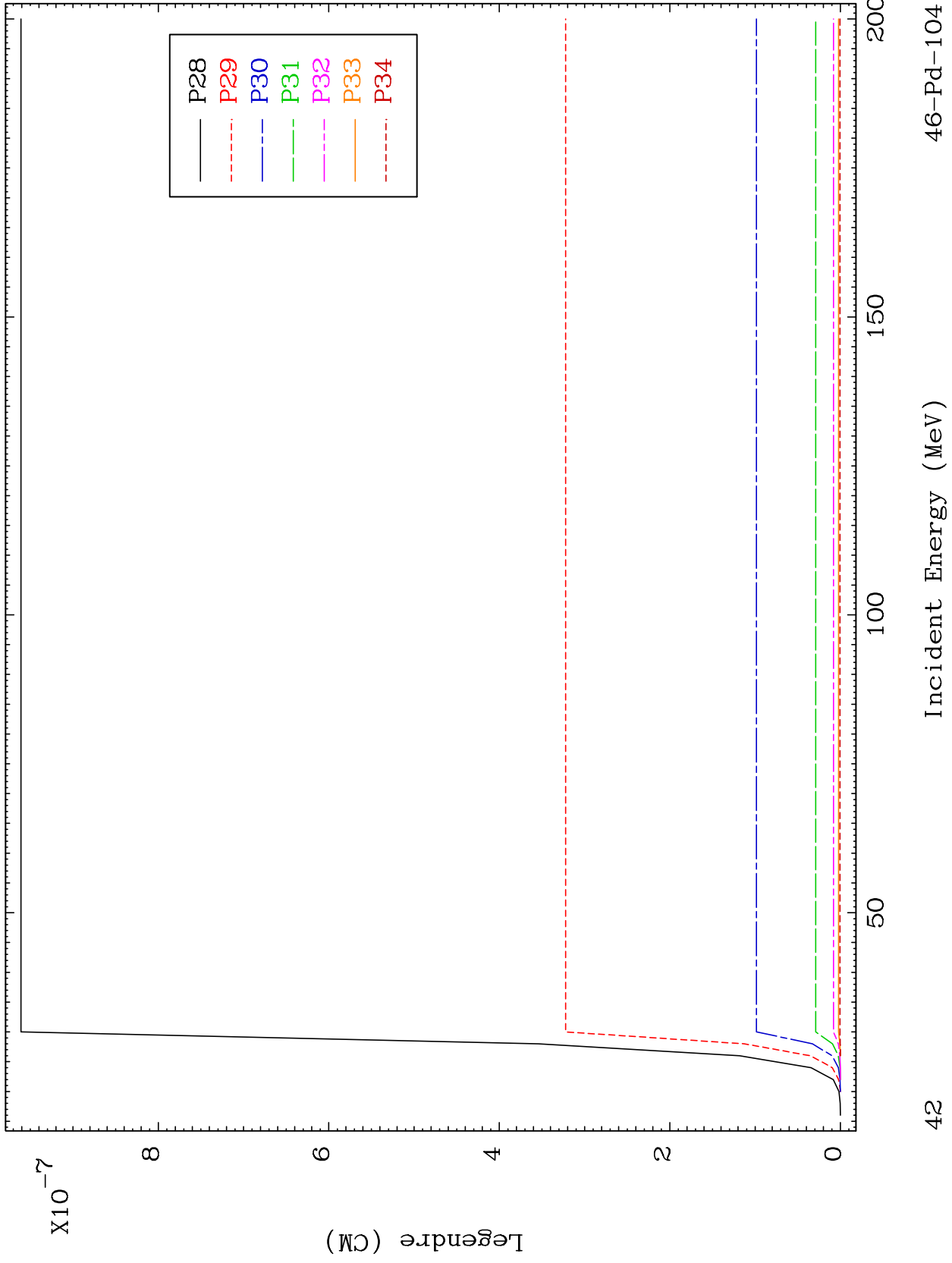
46-Pd-104



MAT 4631

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

46-Pd-104



42

Incident Energy (MeV)

46-Pd-104

200

150

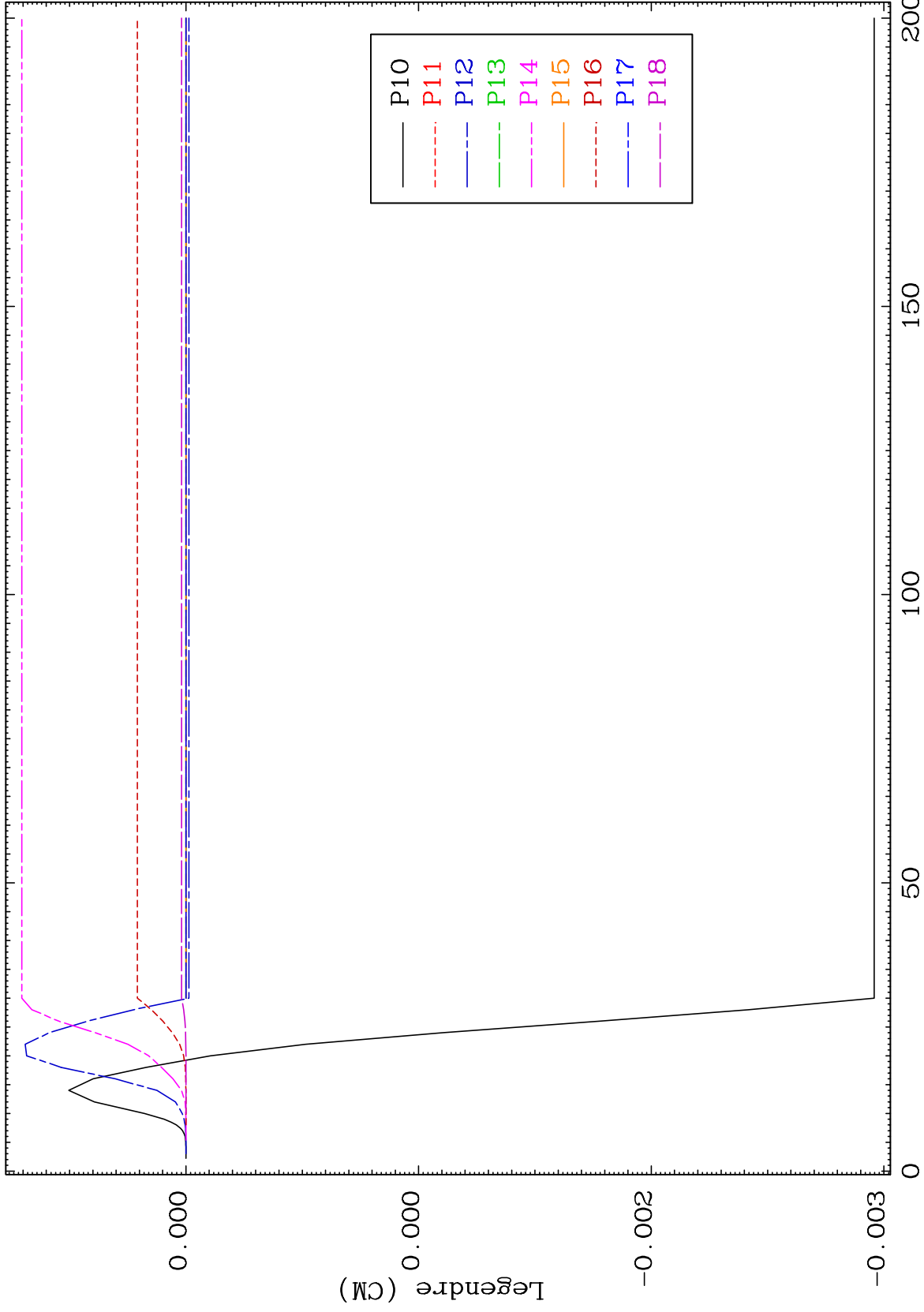
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50

MAT 4631

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

46-Pd-104



44

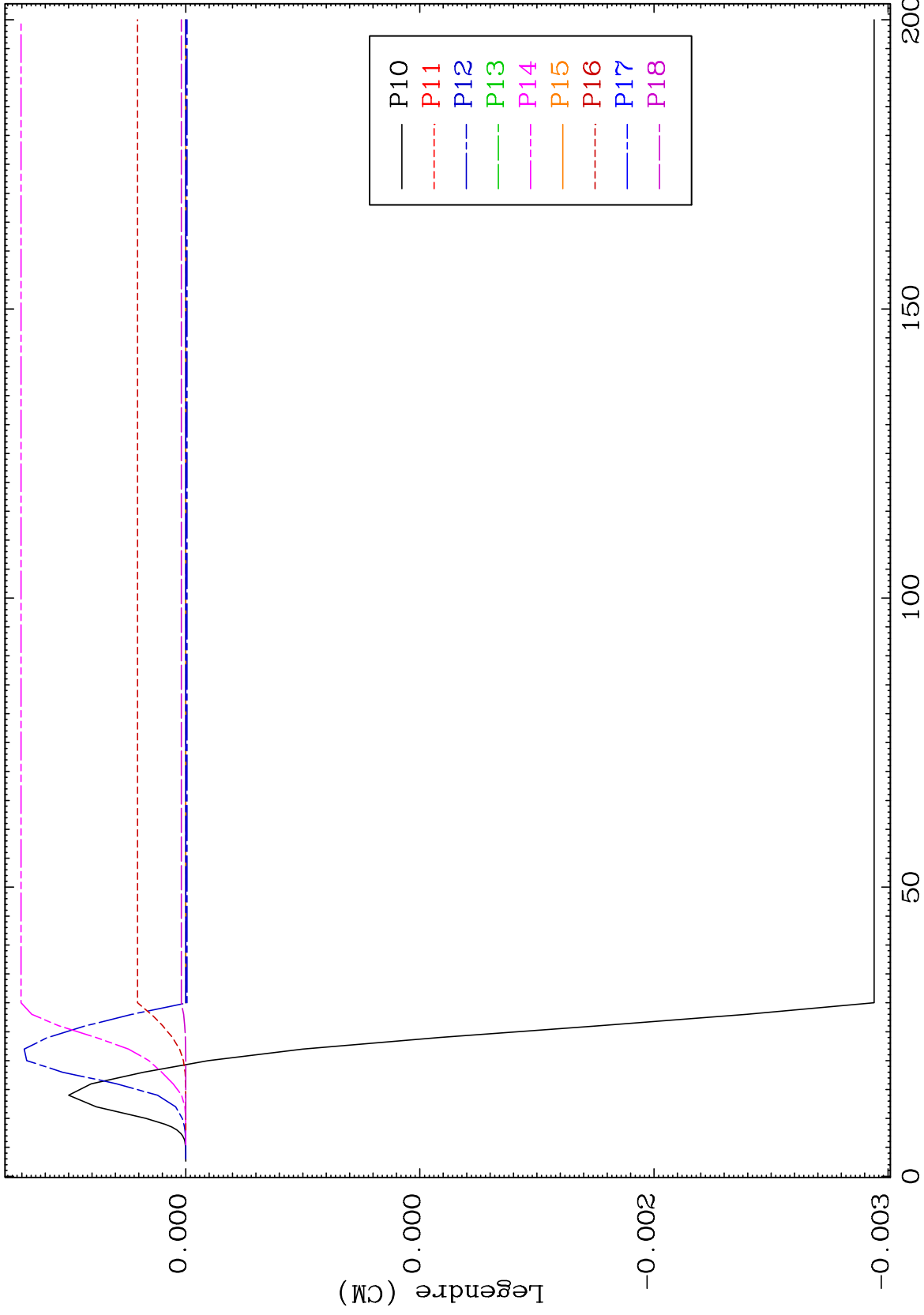
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



47

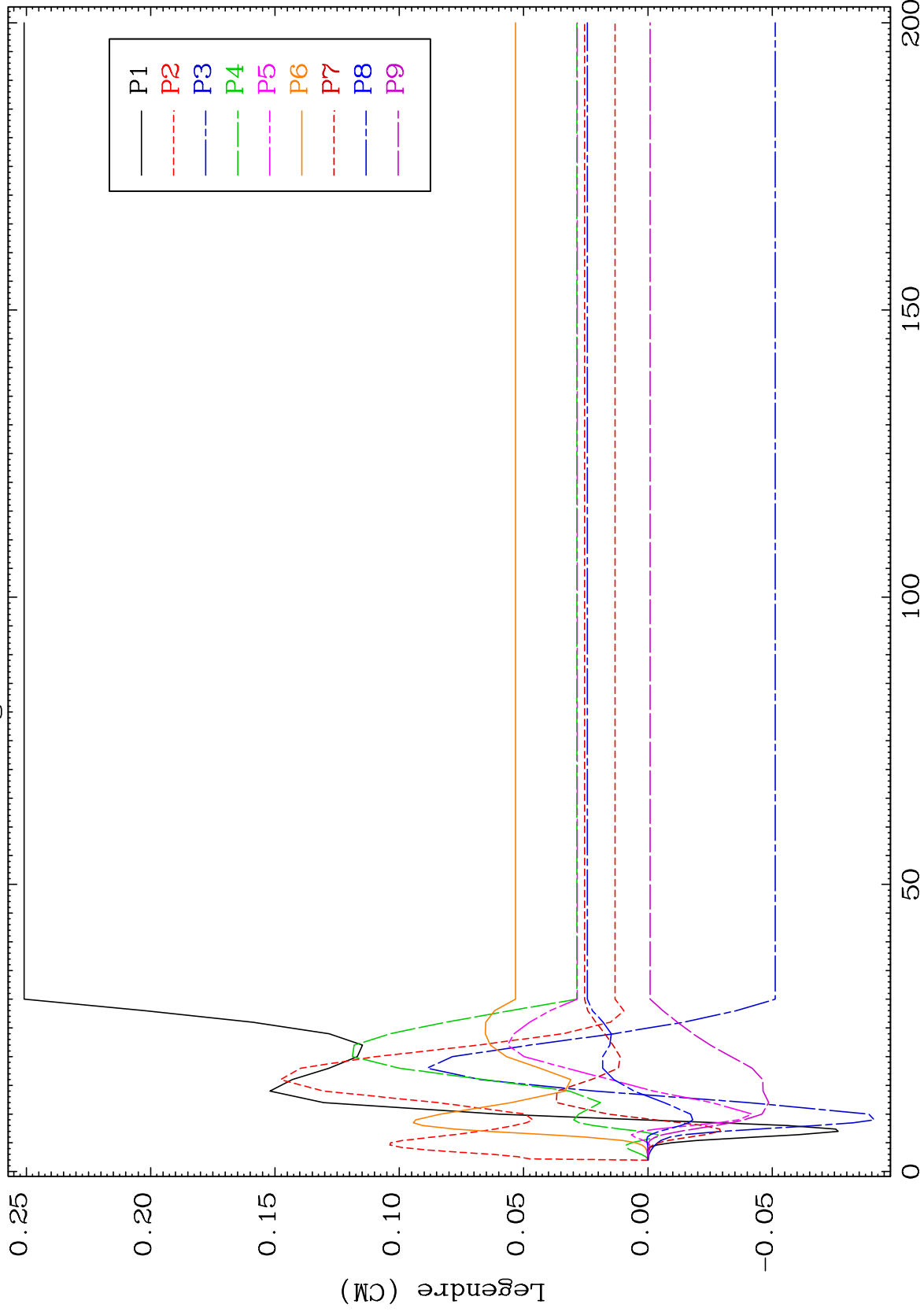
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



49

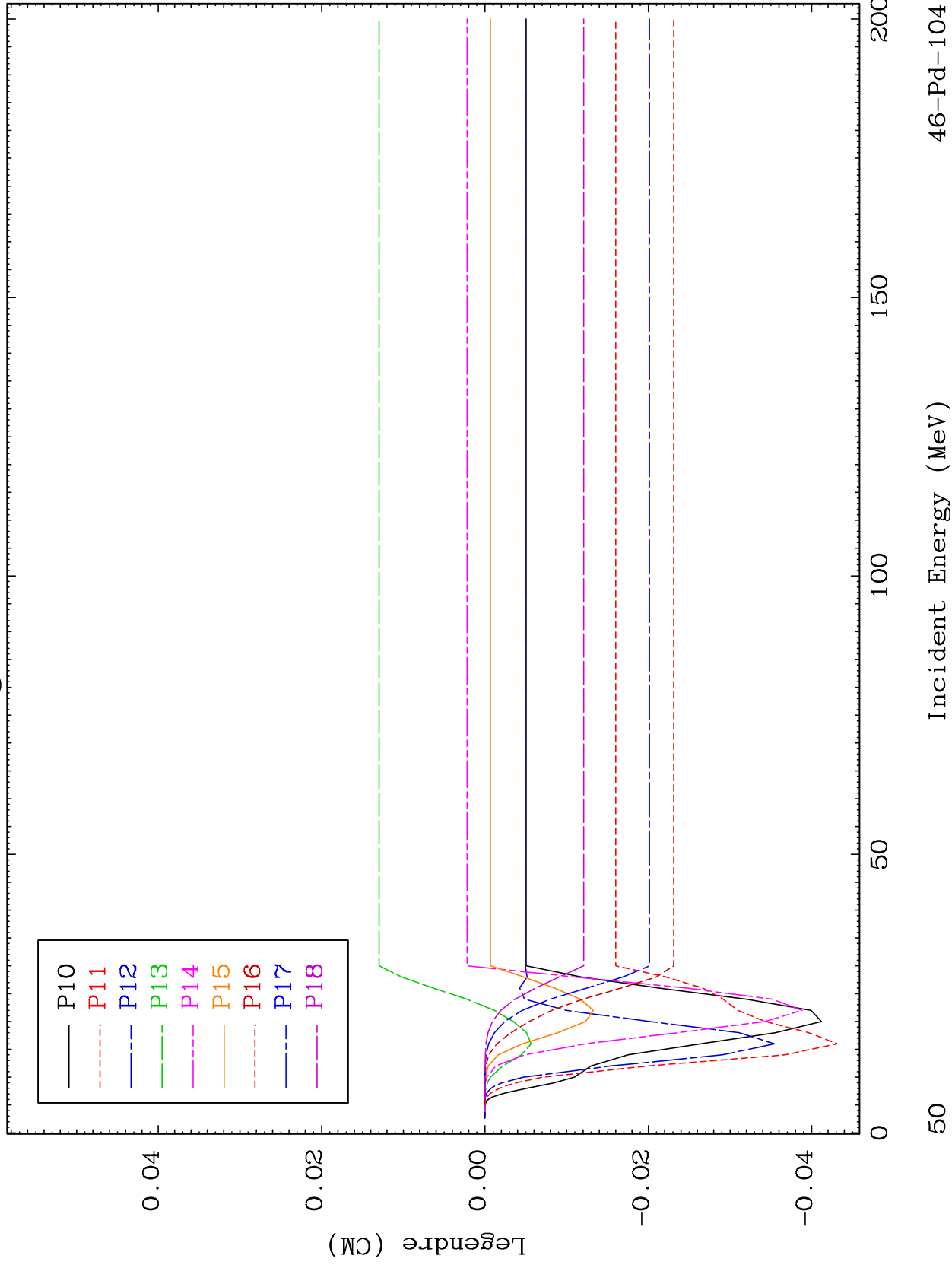
Incident Energy (MeV)

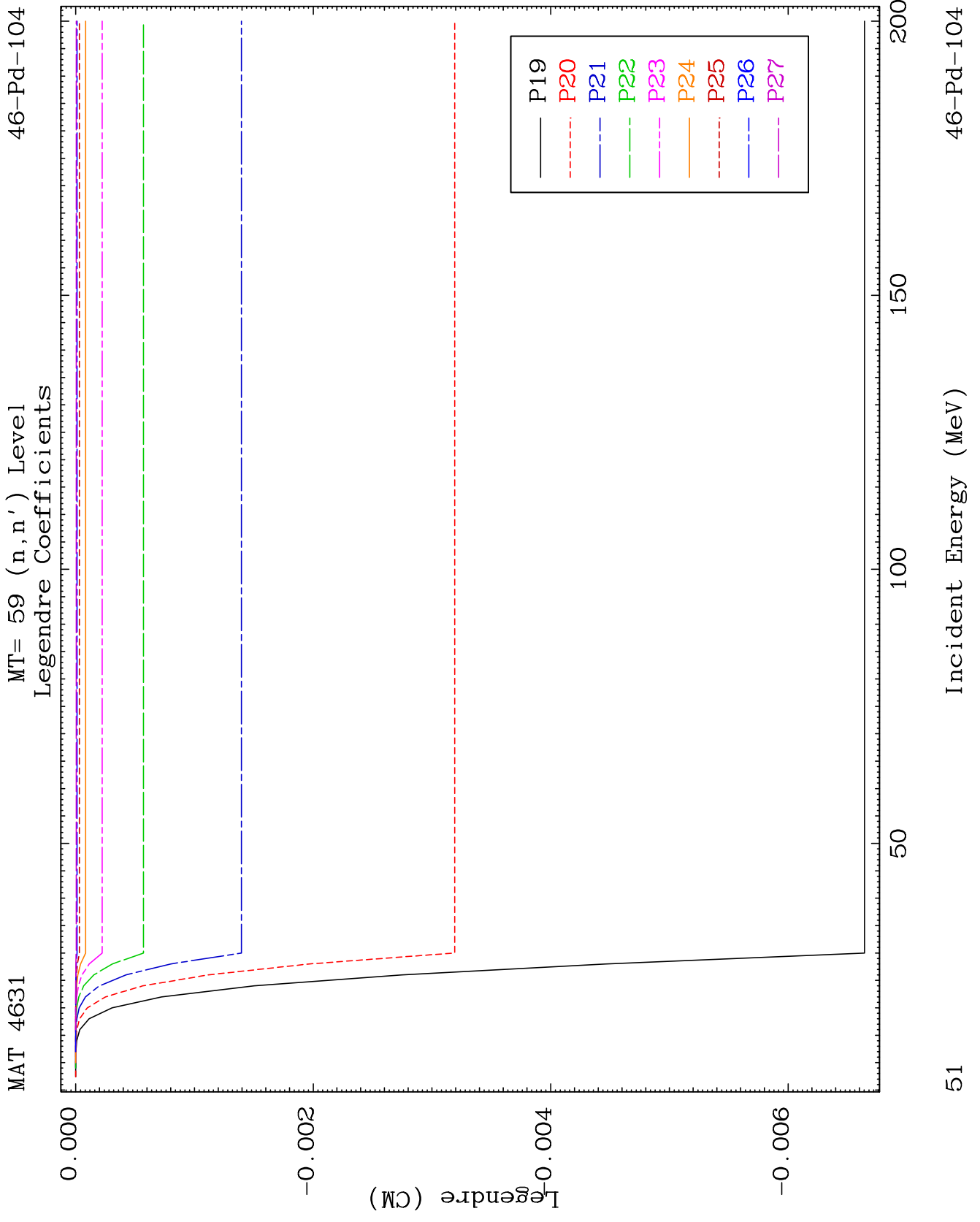
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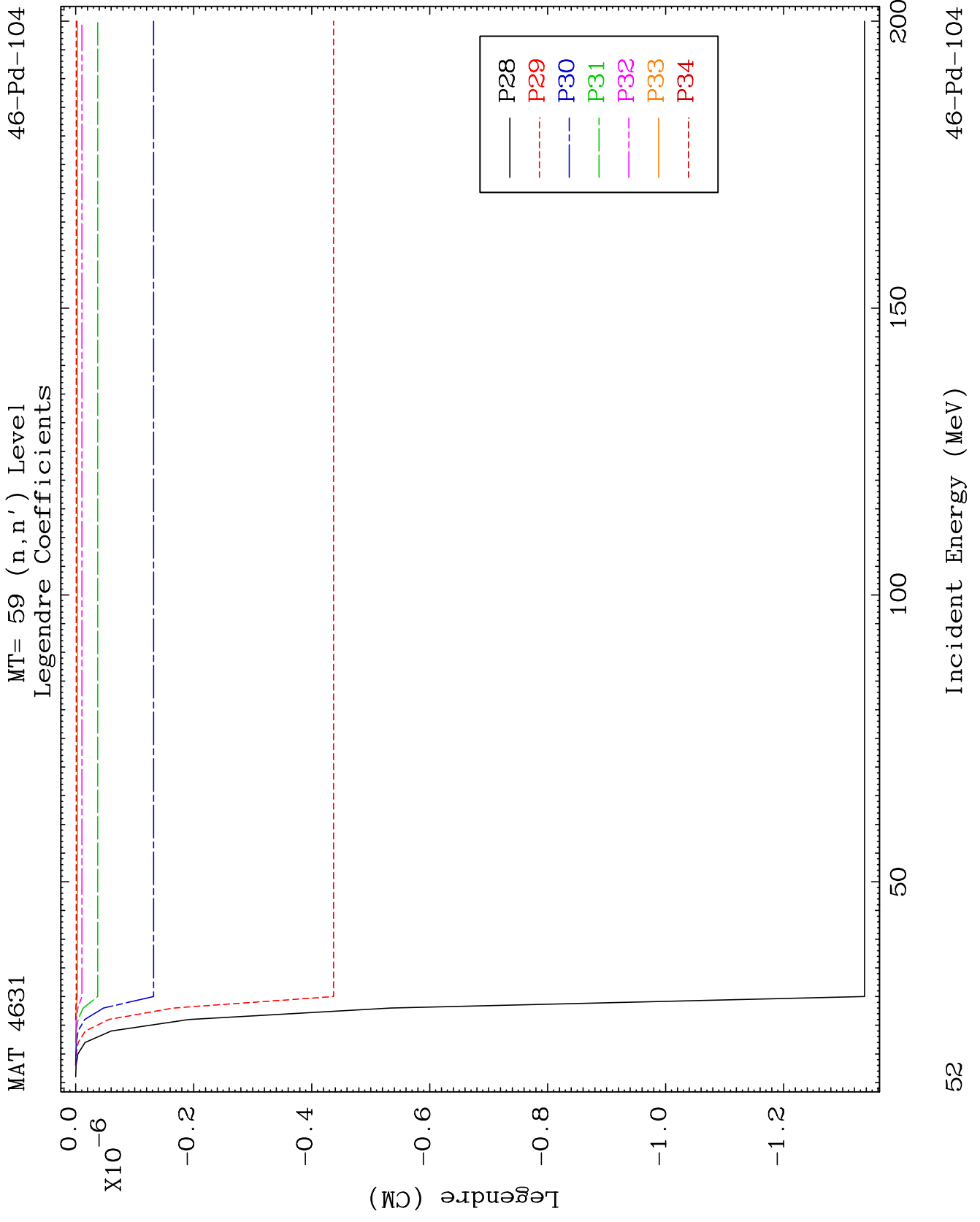
MAT 4631

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

46-Pd-104



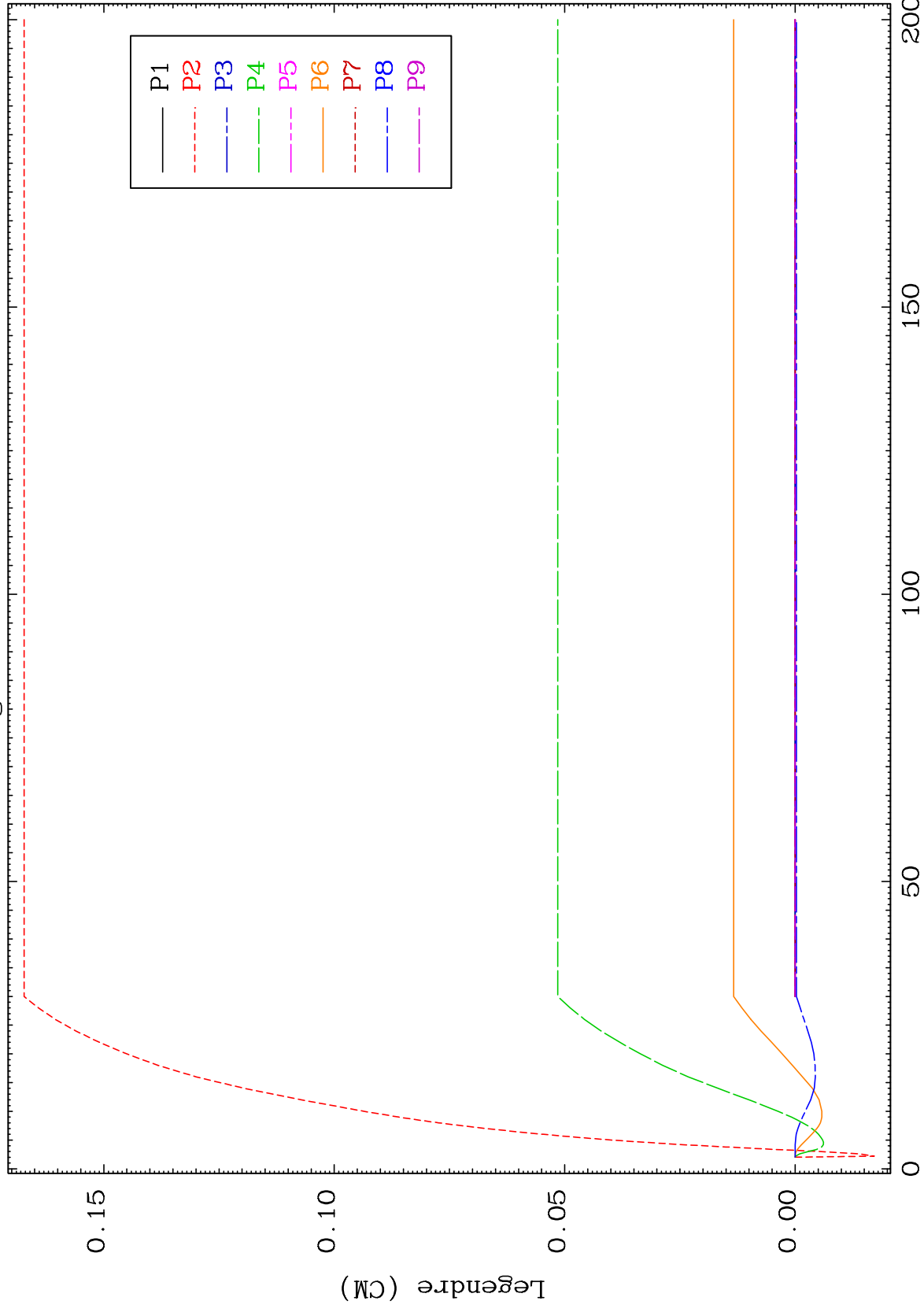




MAT 4631

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

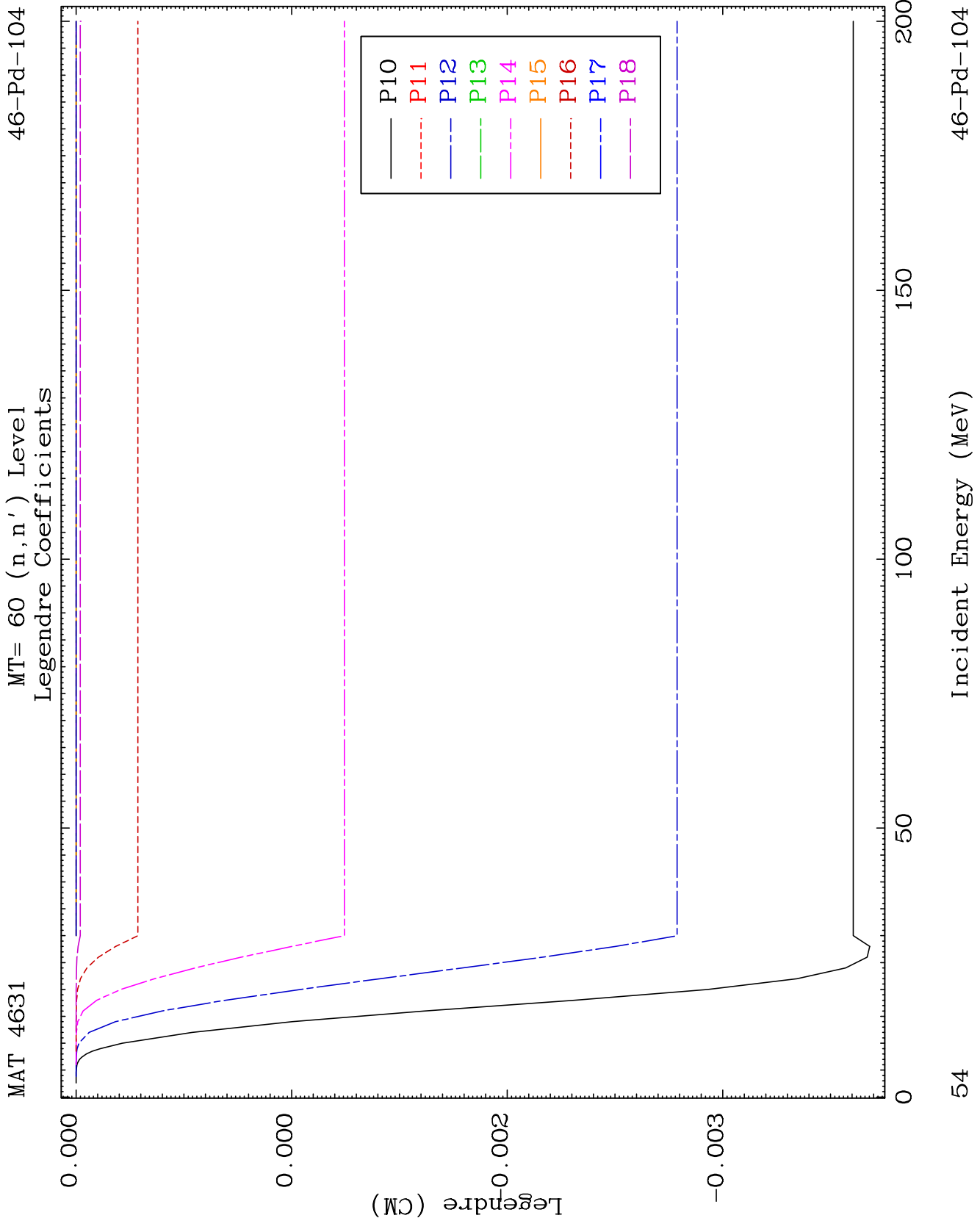
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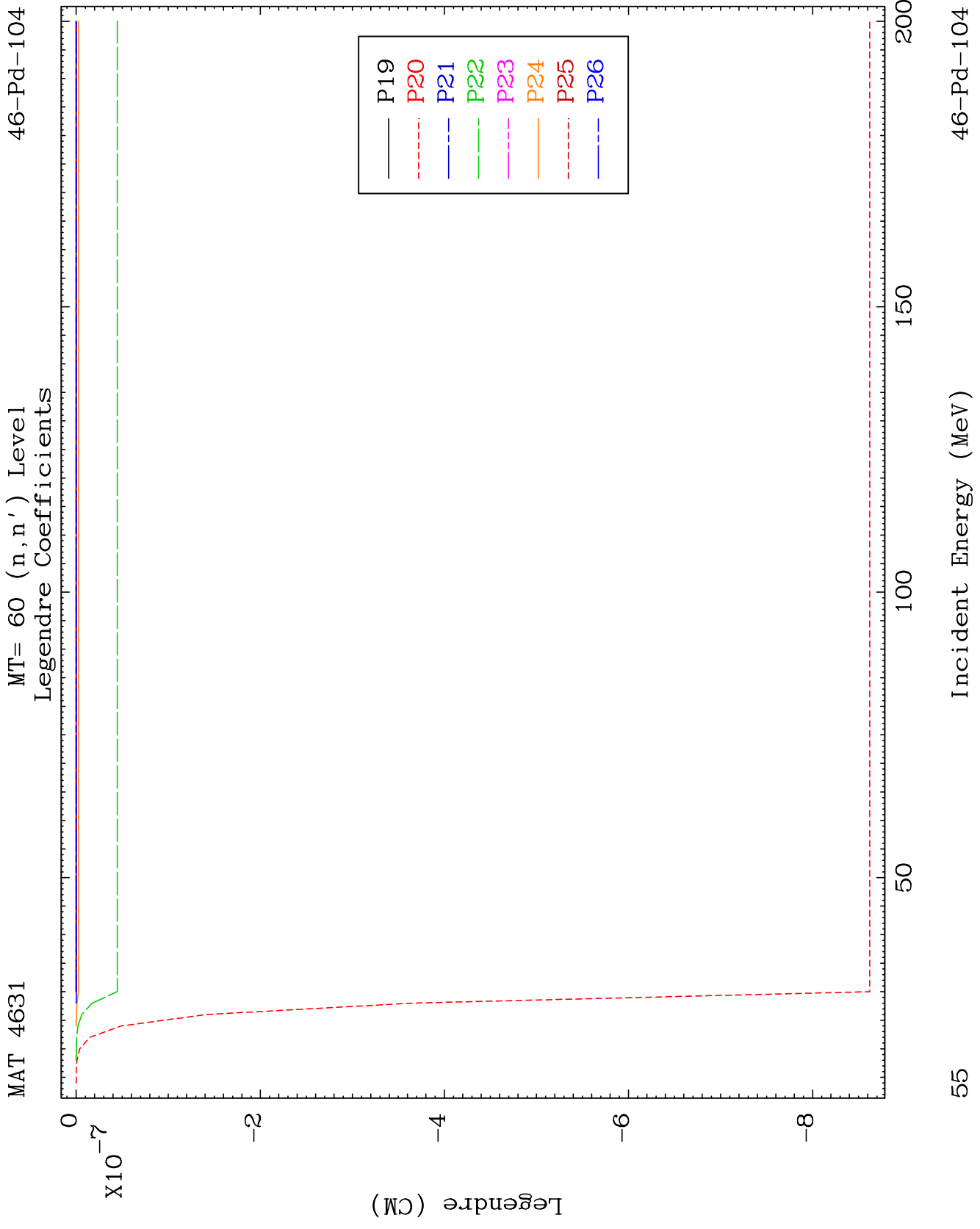


53

Incident Energy (MeV)

46-Pd-104

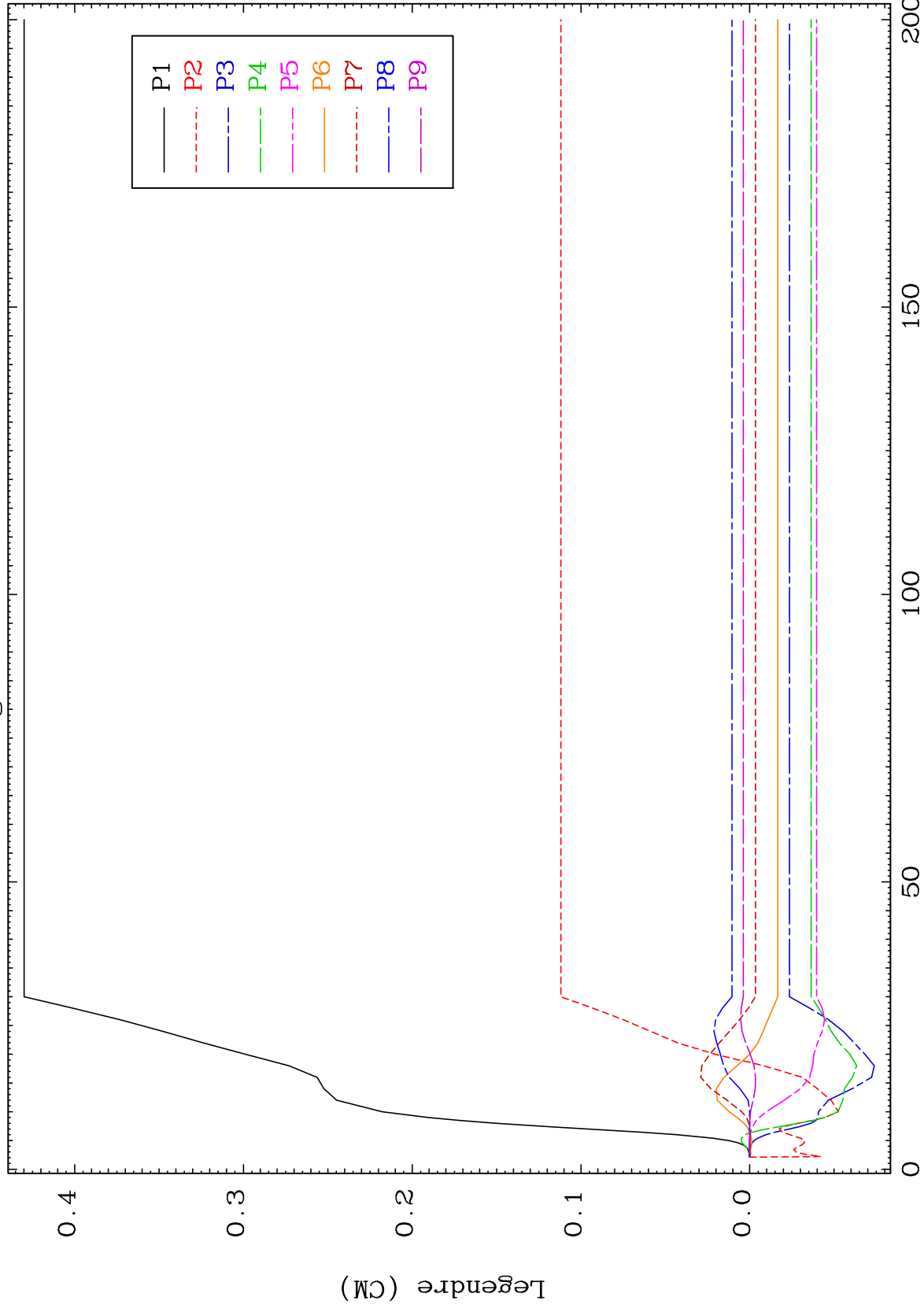




MAT 4631

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

46-Pd-104



56

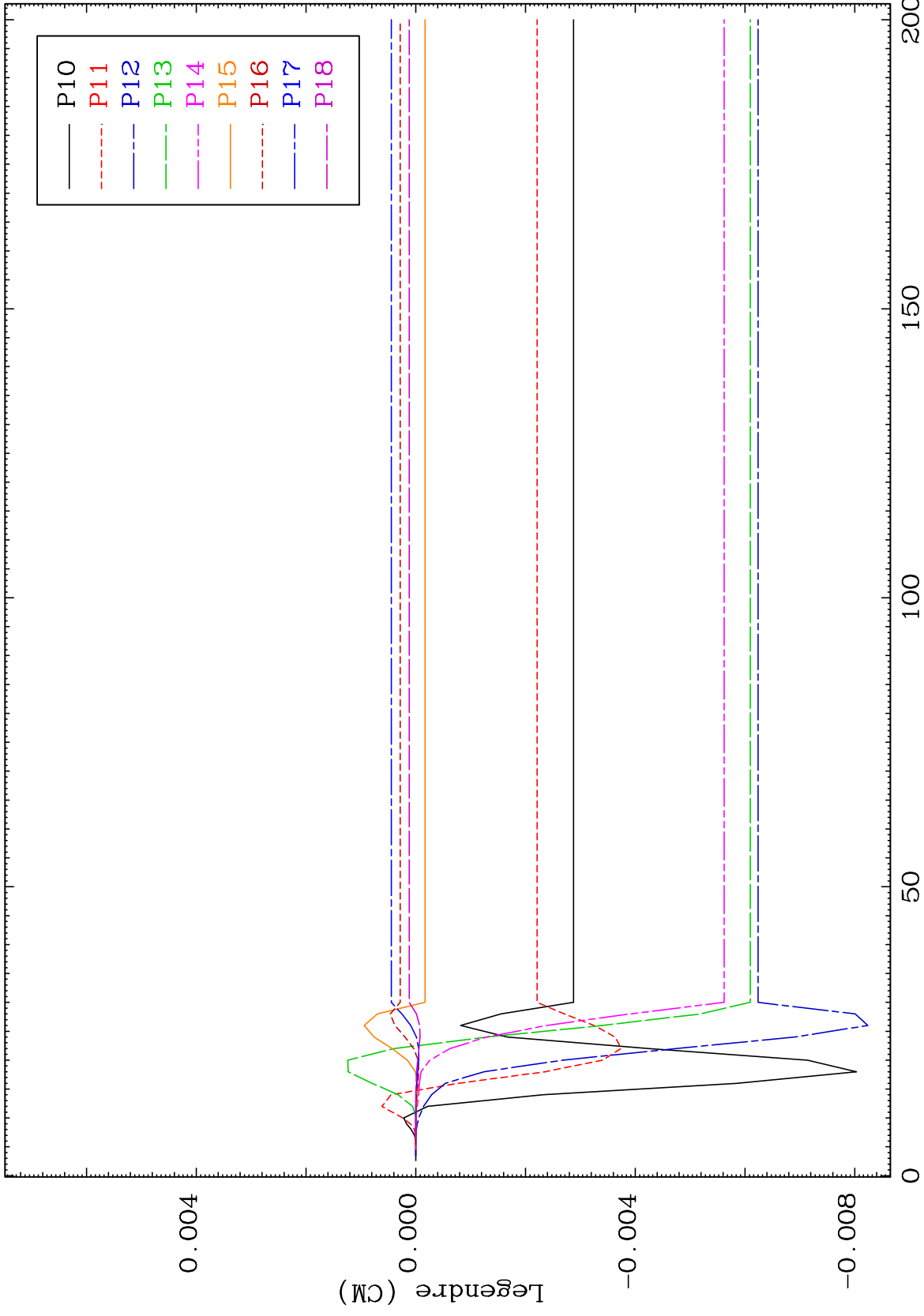
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



57

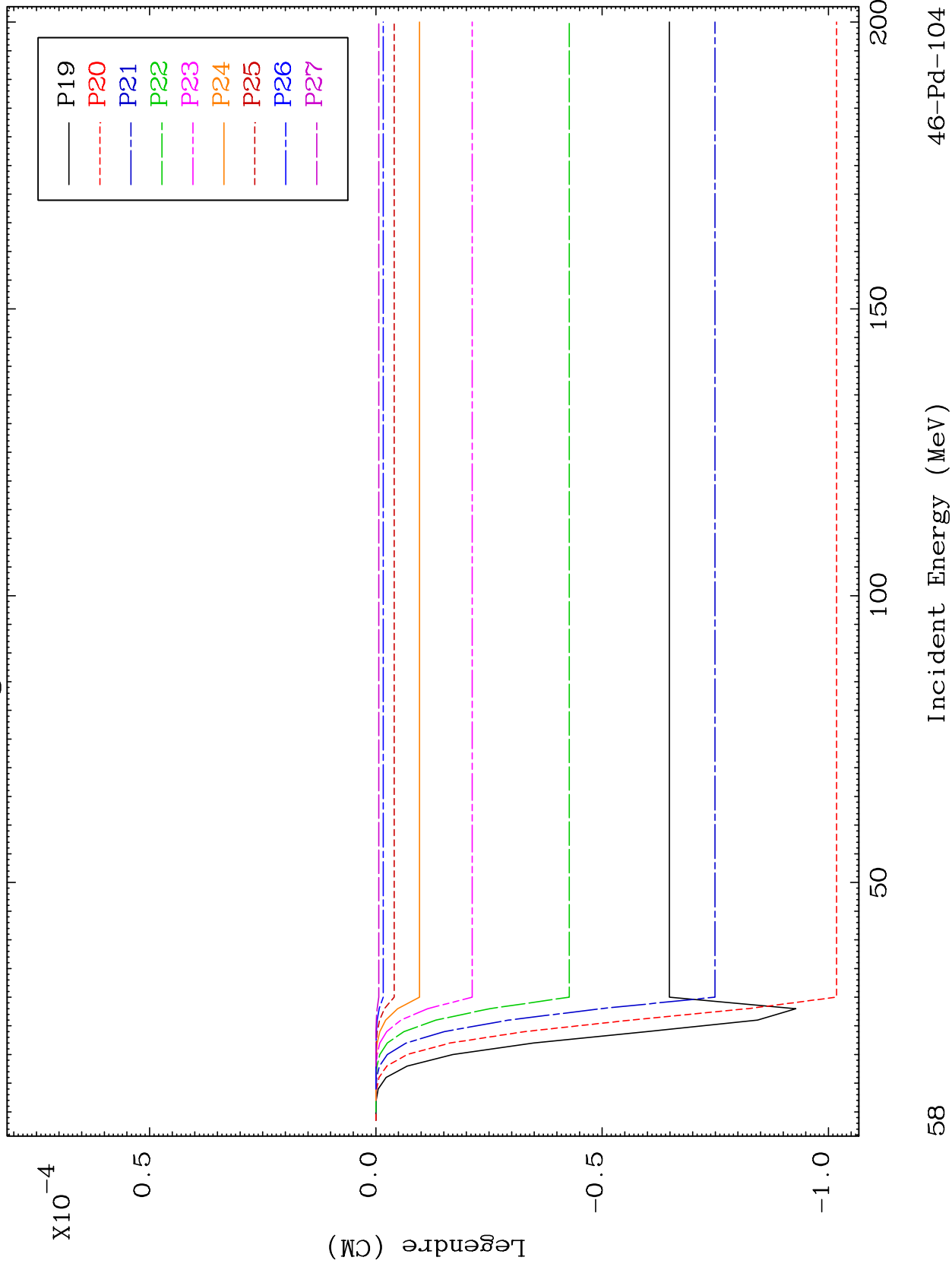
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

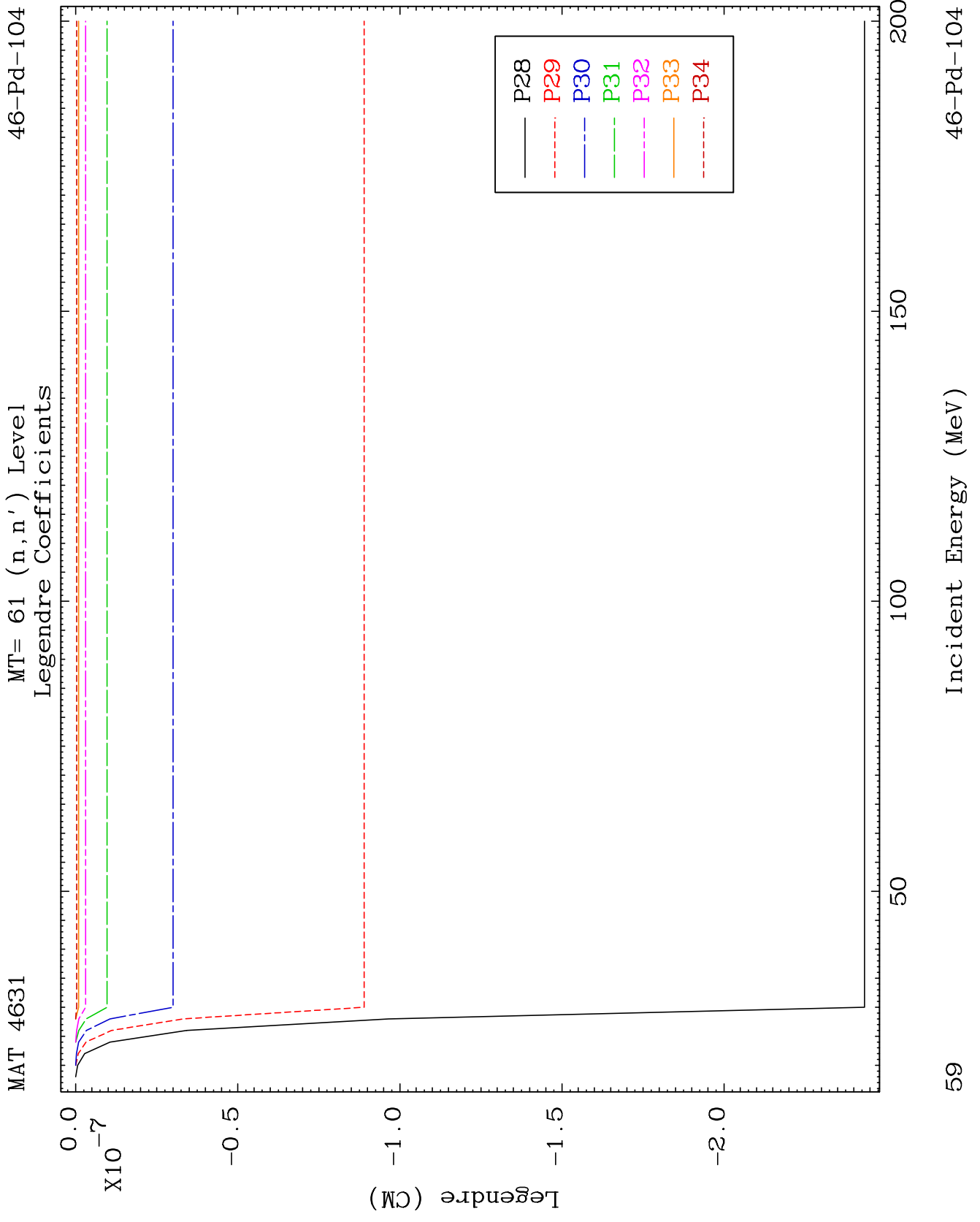
46-Pd-104



58

Incident Energy (MeV)

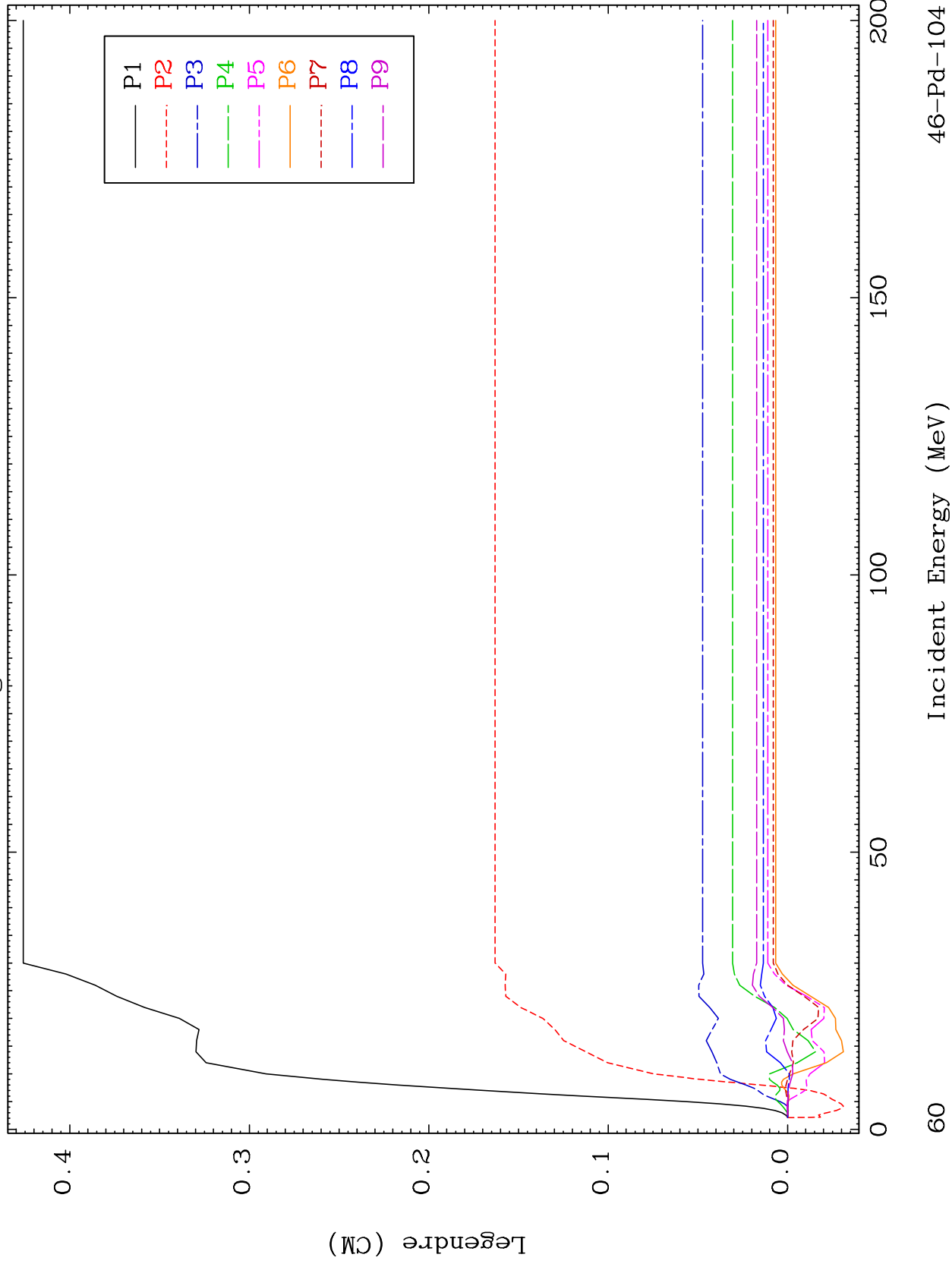
46-Pd-104



MAT 4631

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

46-Pd-104

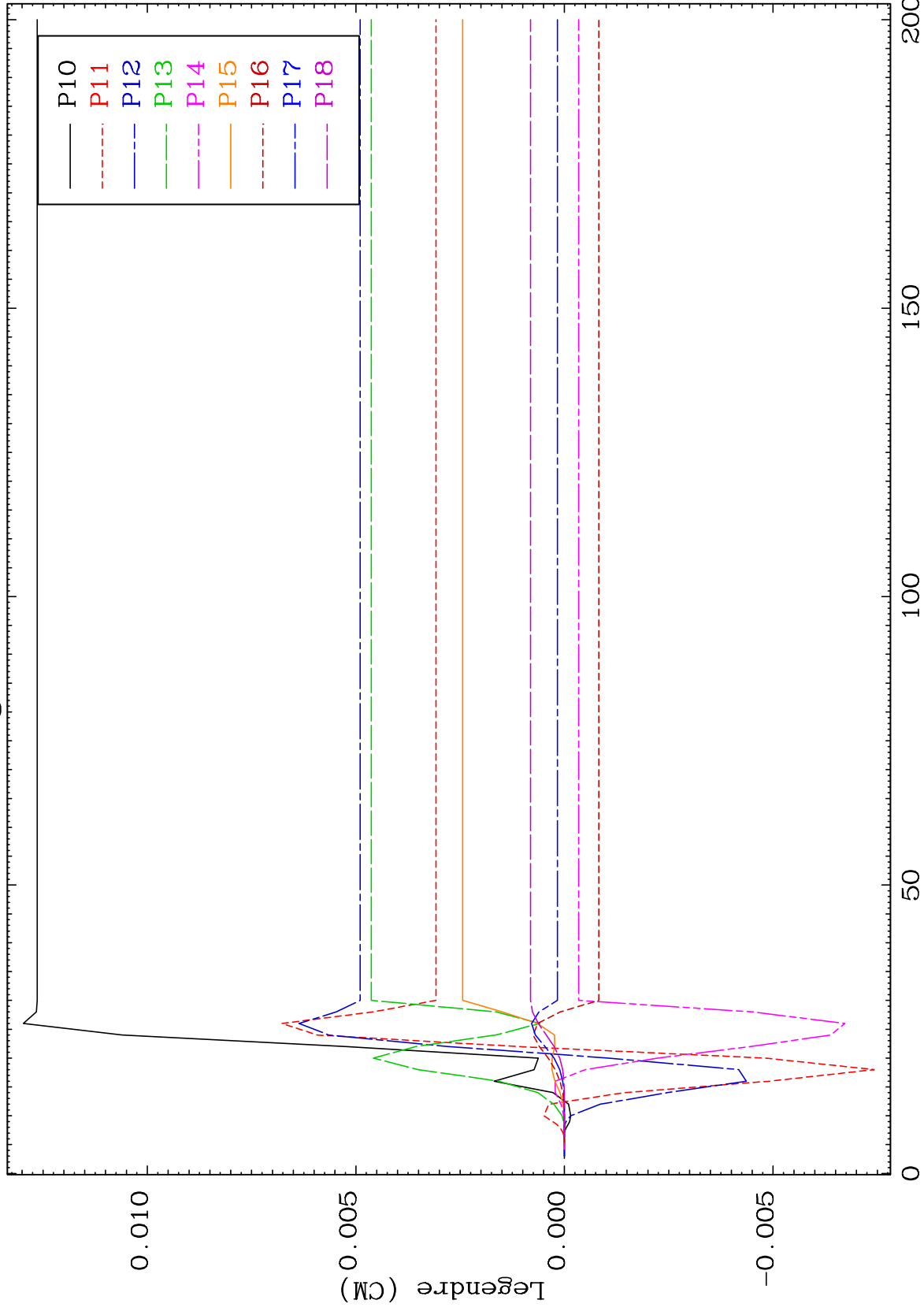


46-Pd-104

MAT 4631

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

46-Pd-104



61

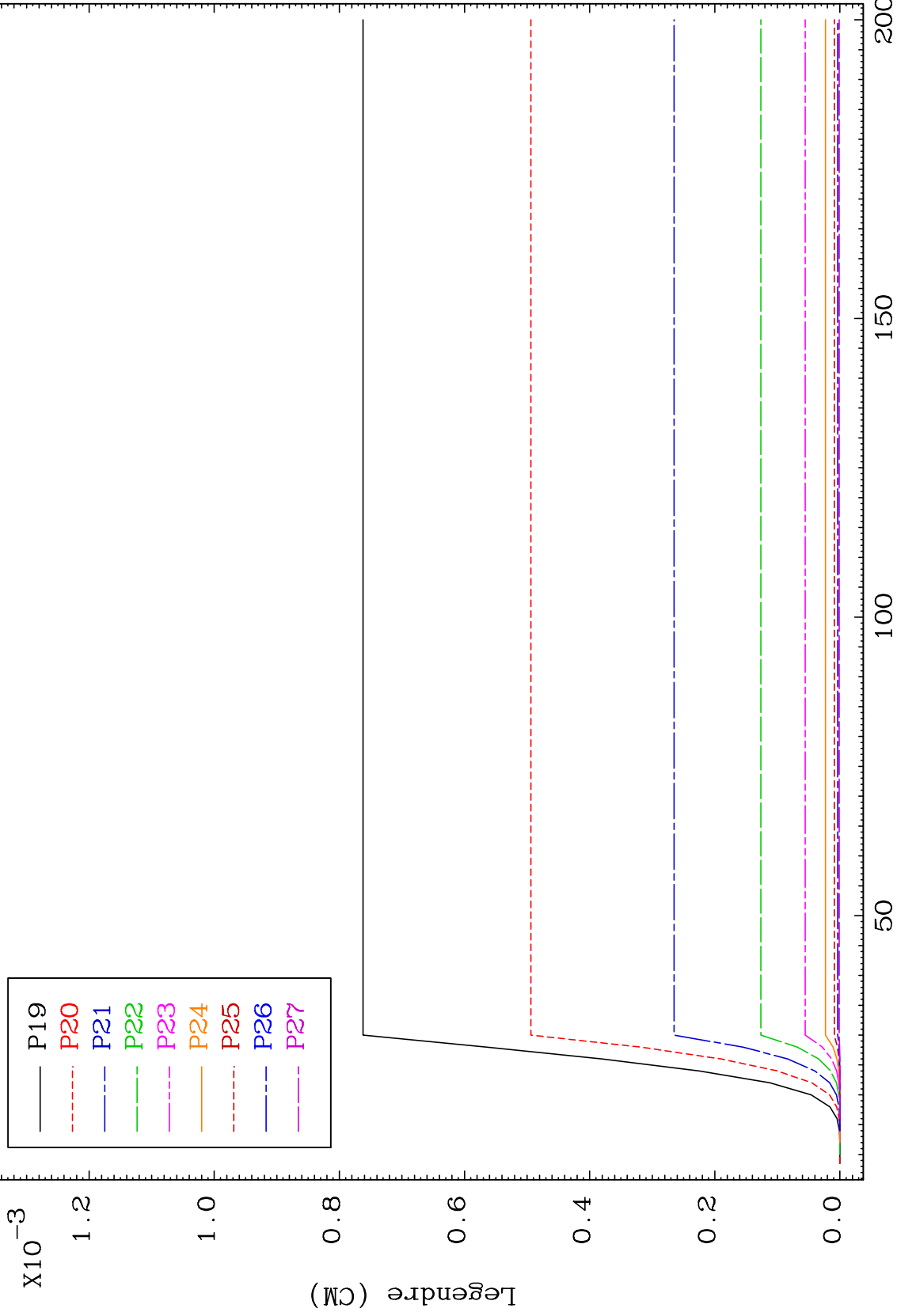
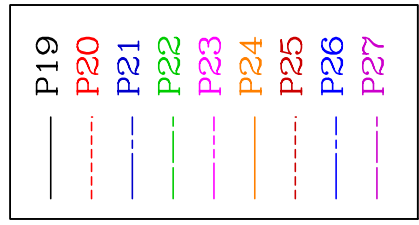
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



62

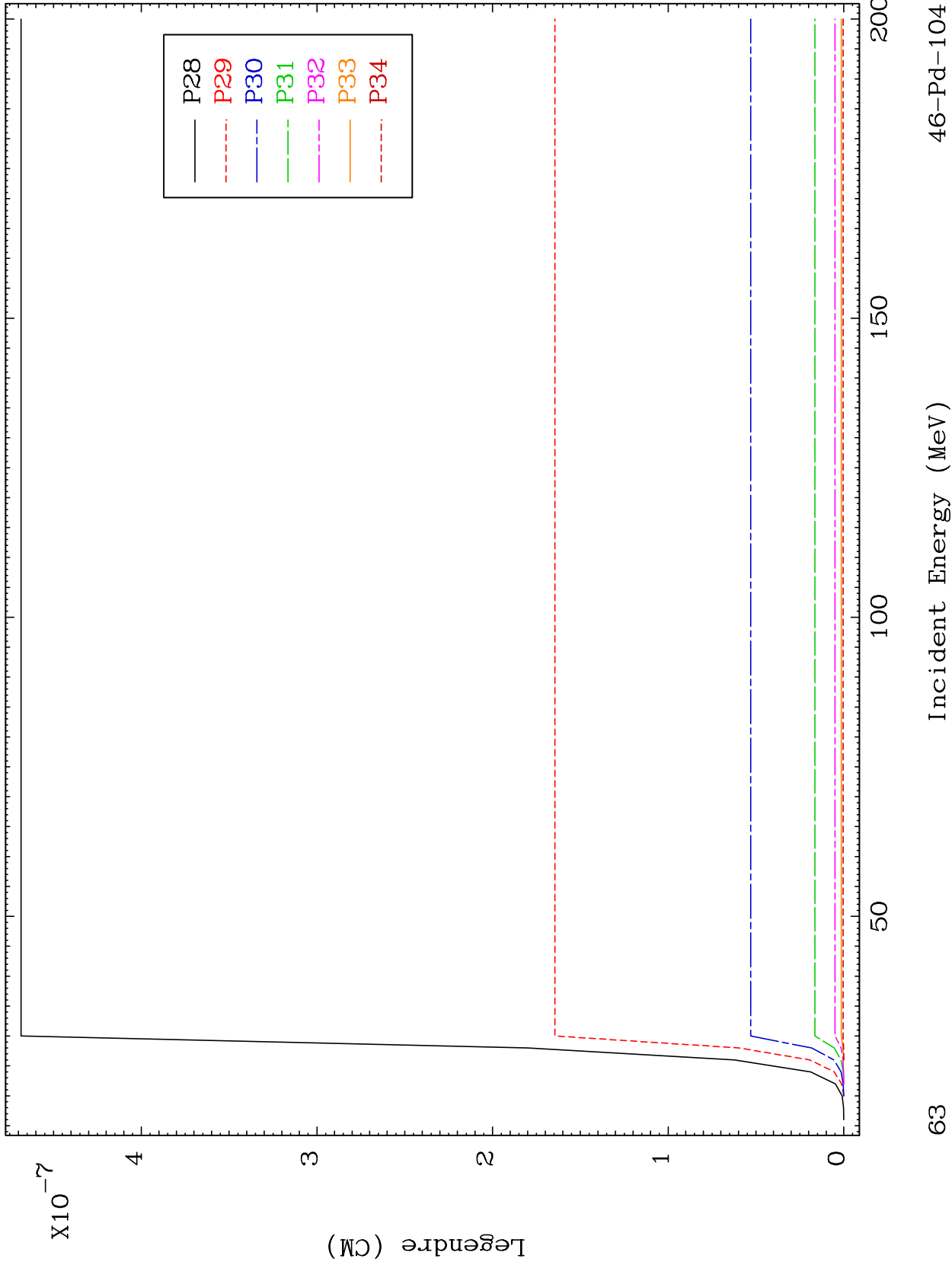
Incident Energy (MeV)

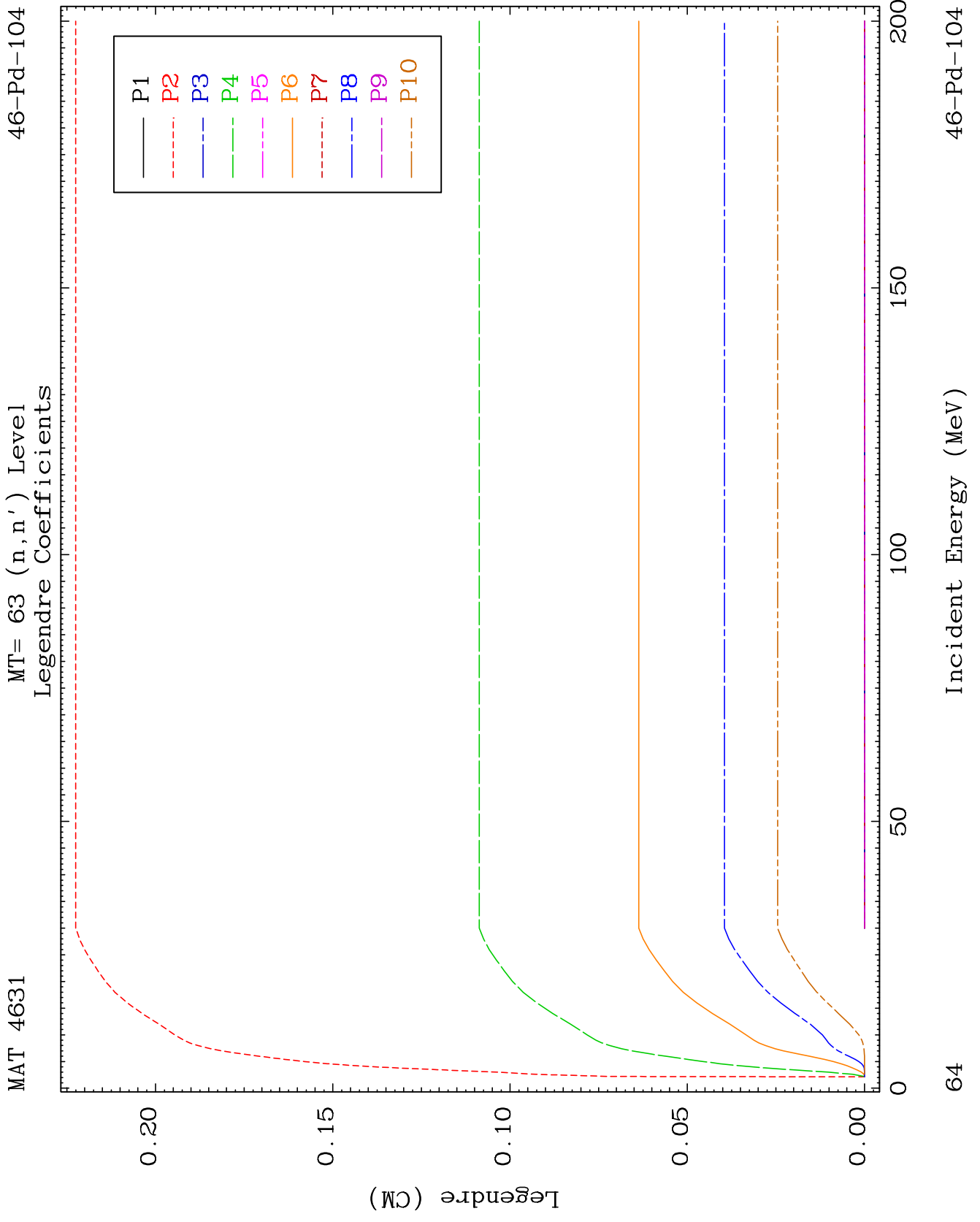
46-Pd-104

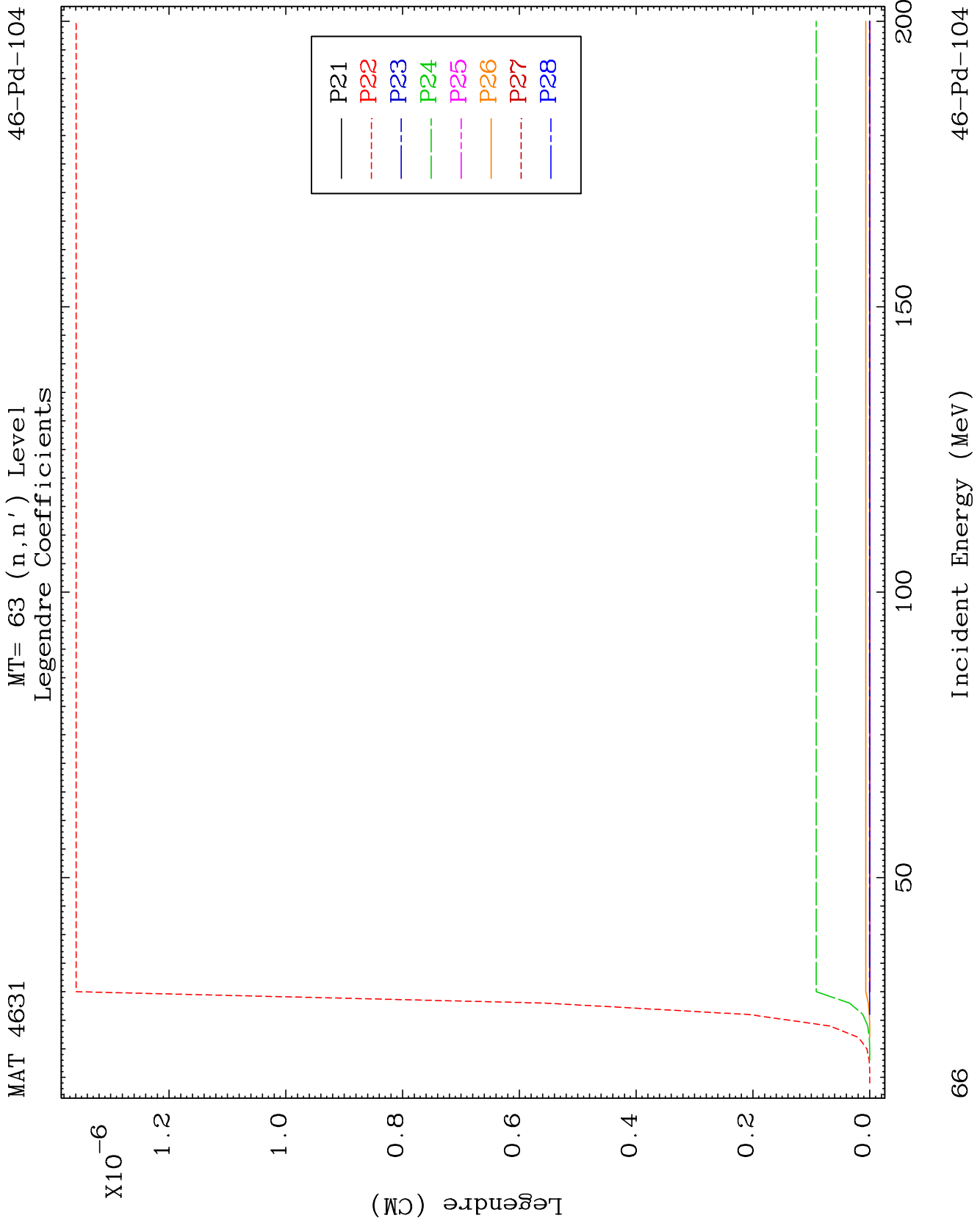
MAT 4631

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

46-Pd-104



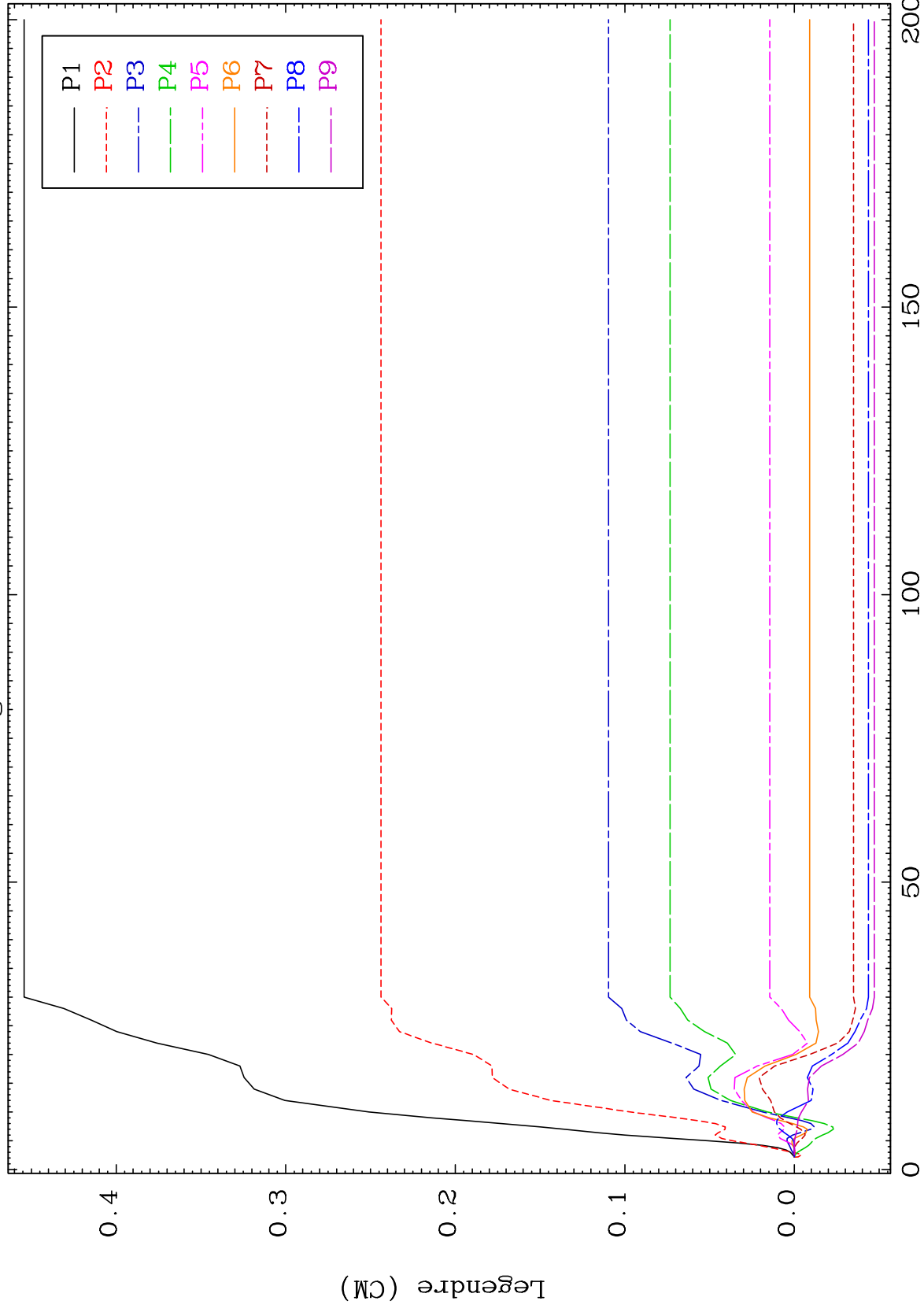




MAT 4631

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

46-Pd-104



67

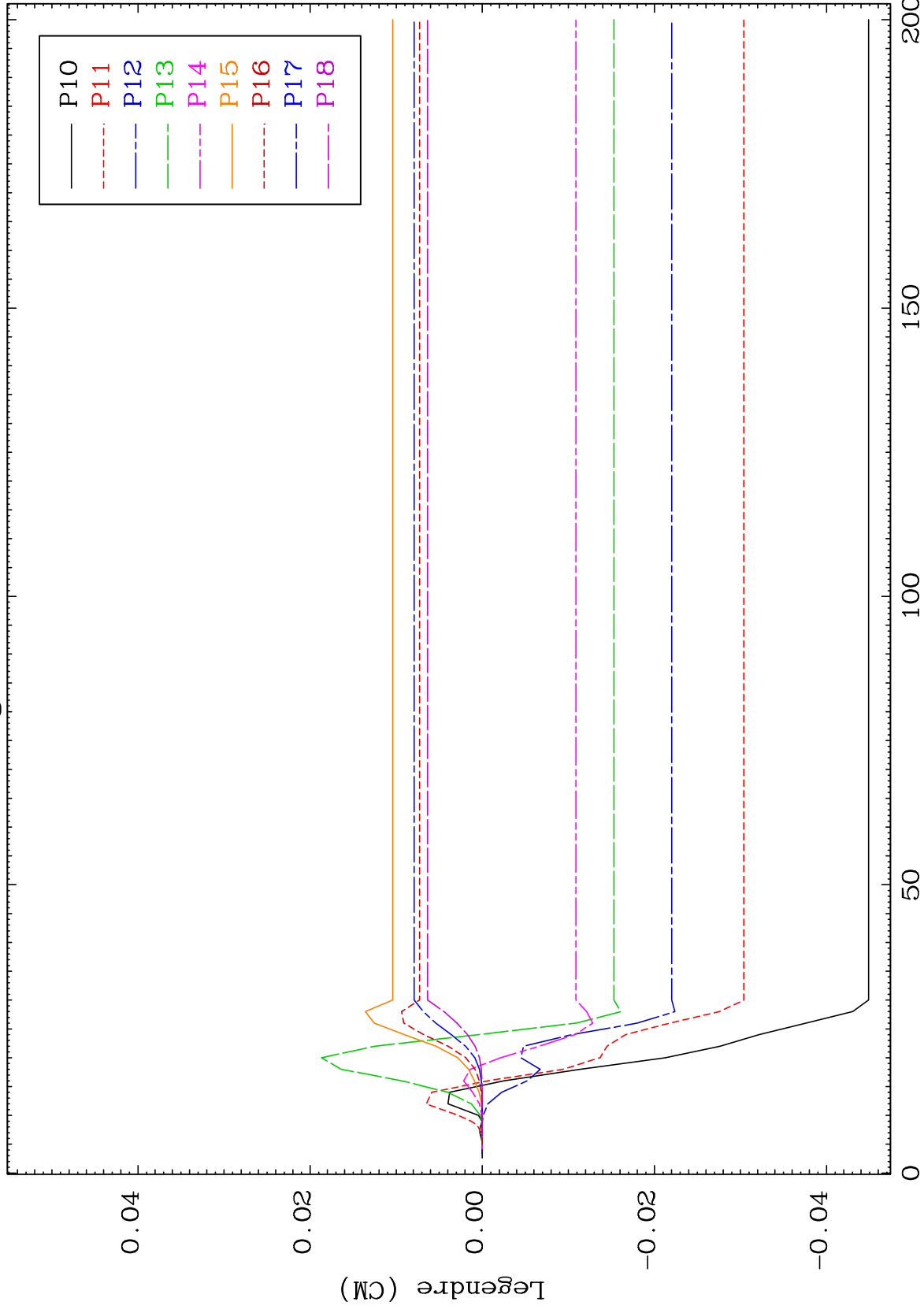
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



68

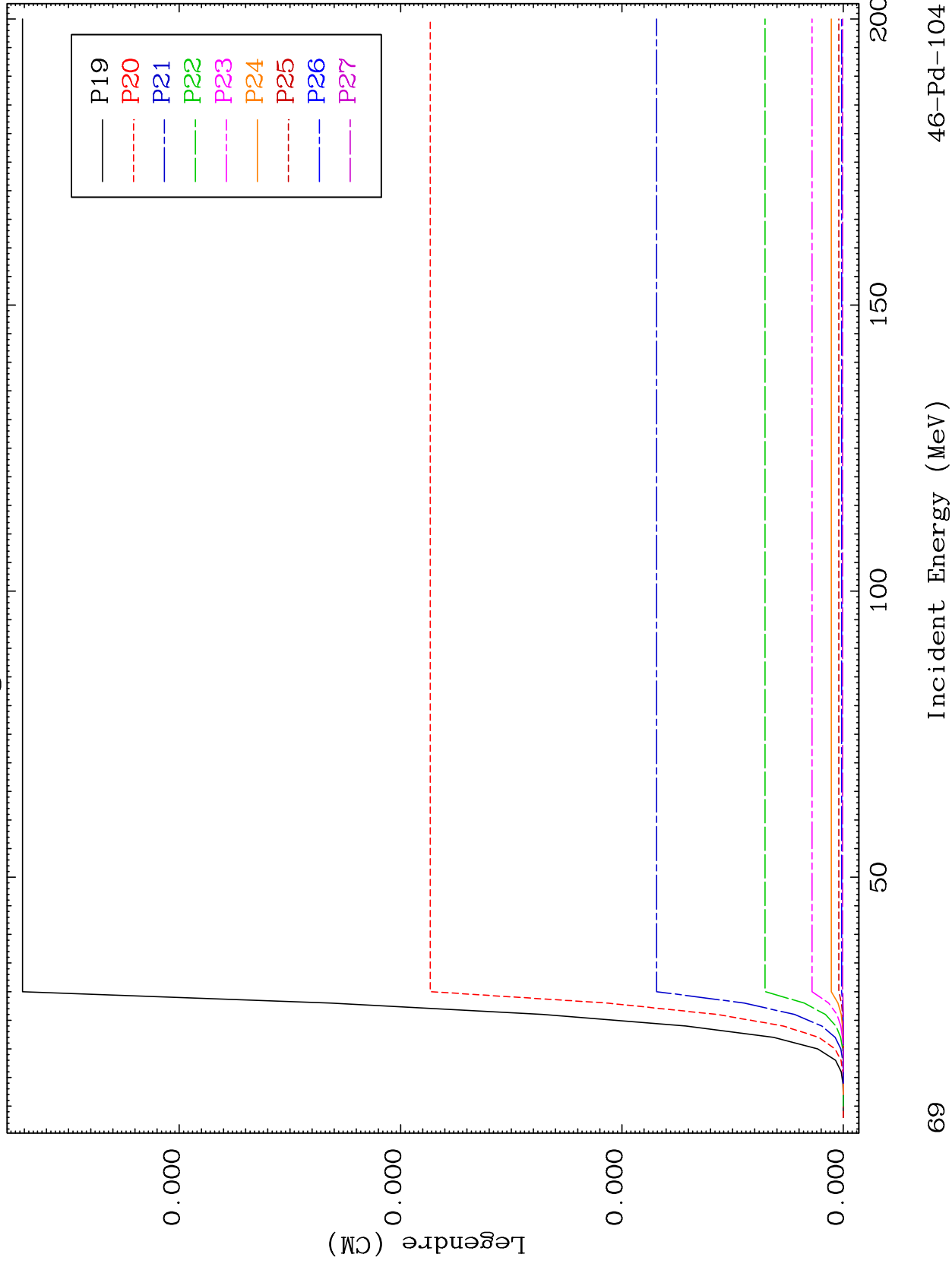
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



69

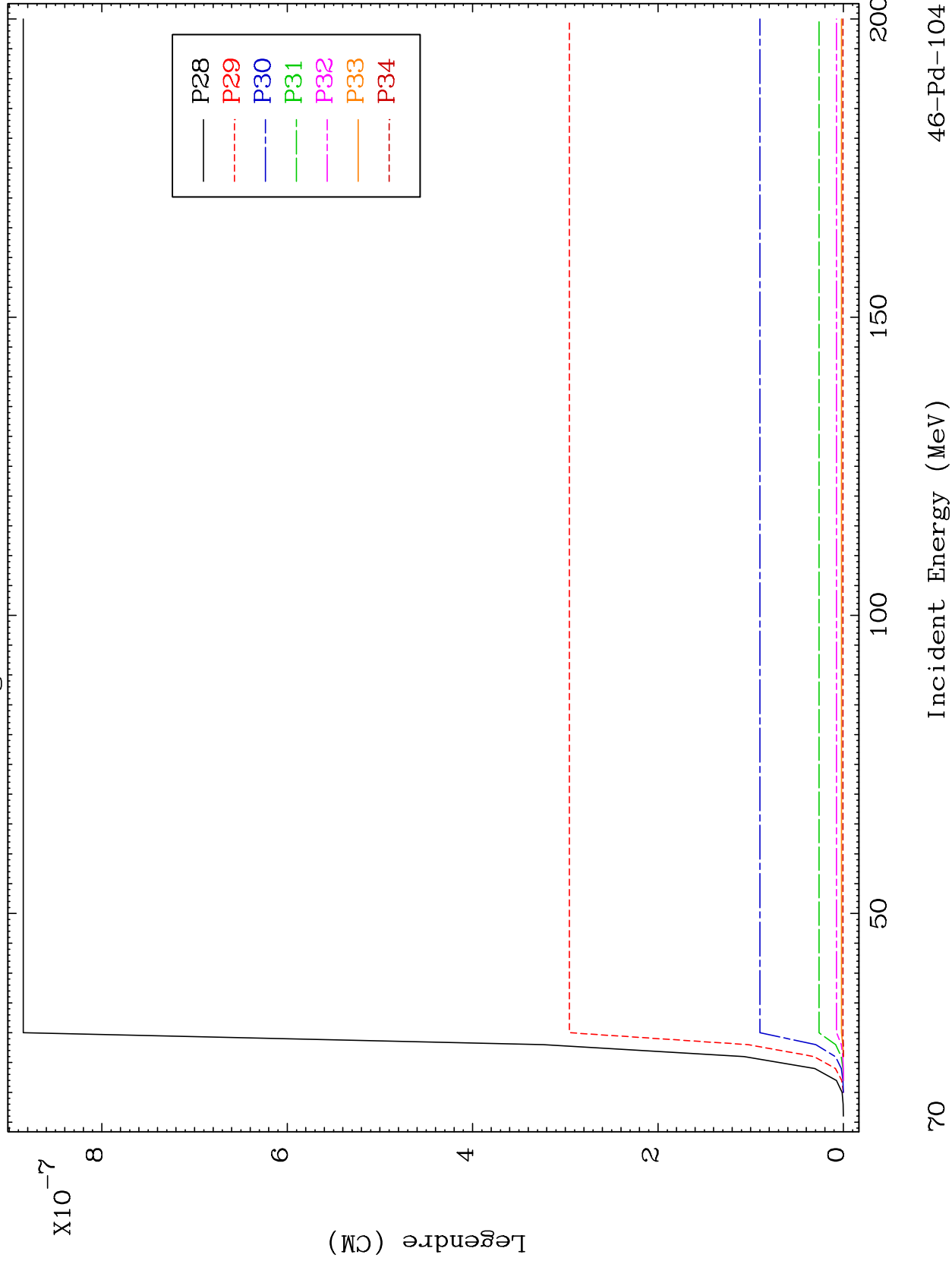
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

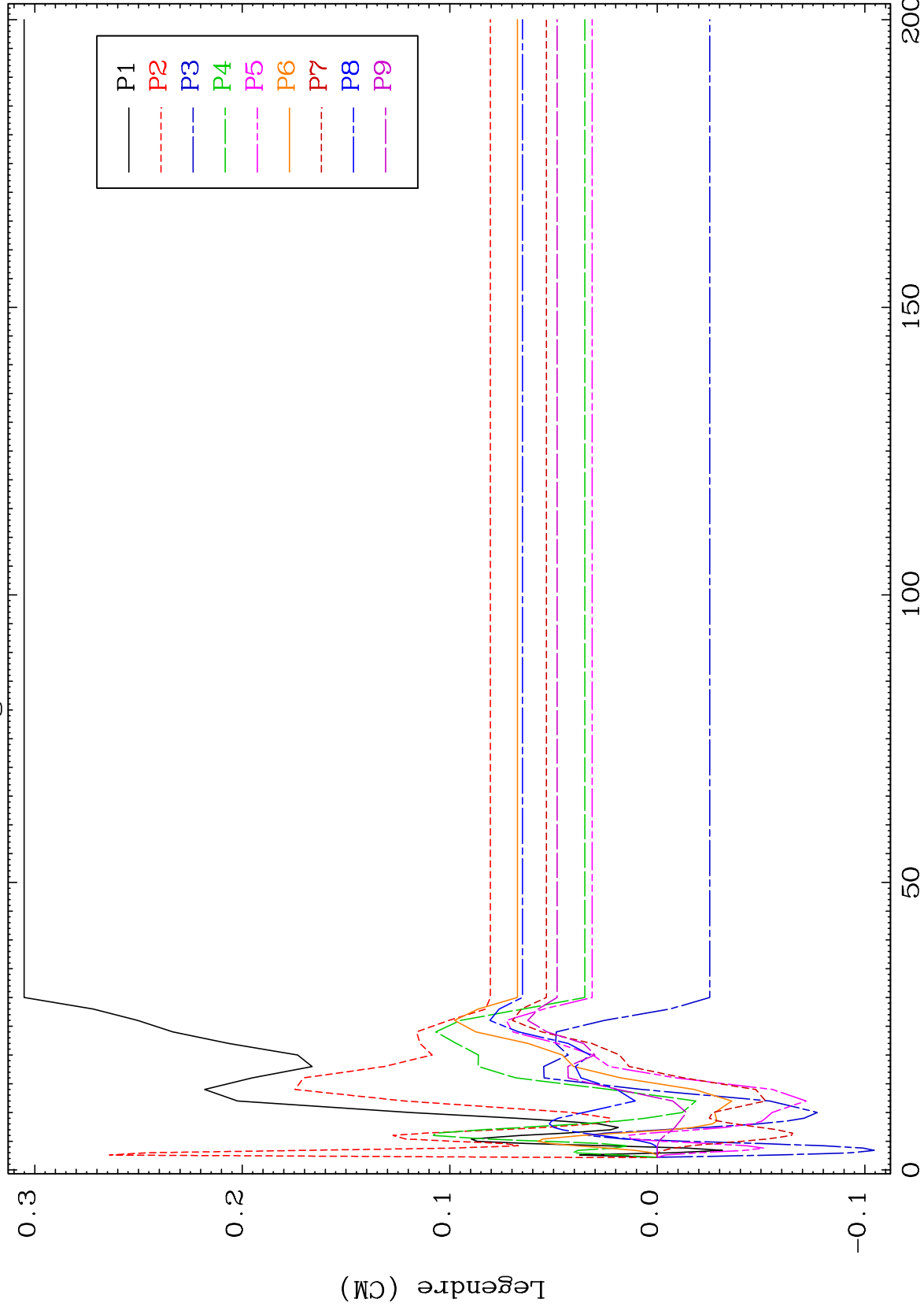
46-Pd-104



MAT 4631

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

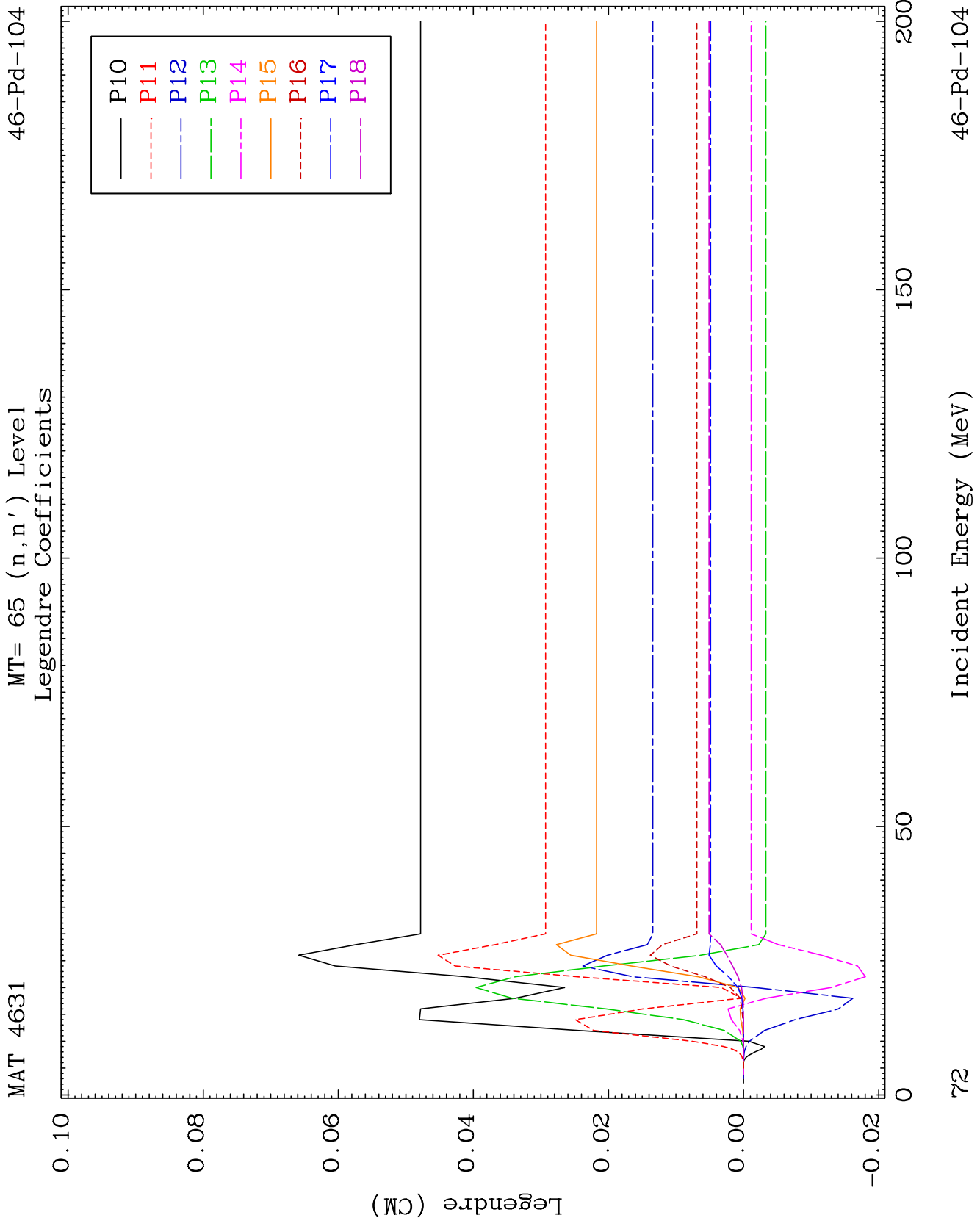
46-Pd-104

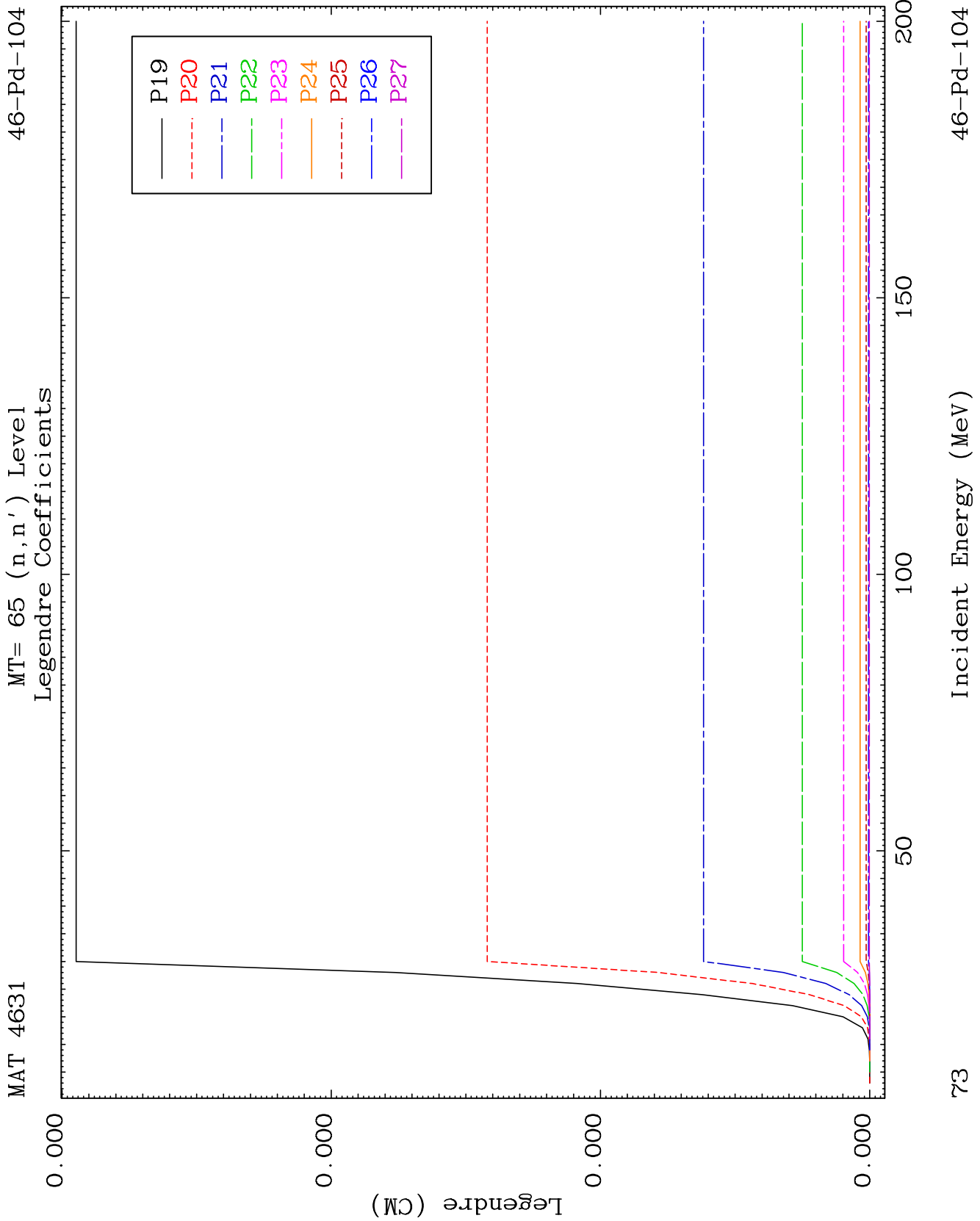


71

Incident Energy (MeV)

46-Pd-104

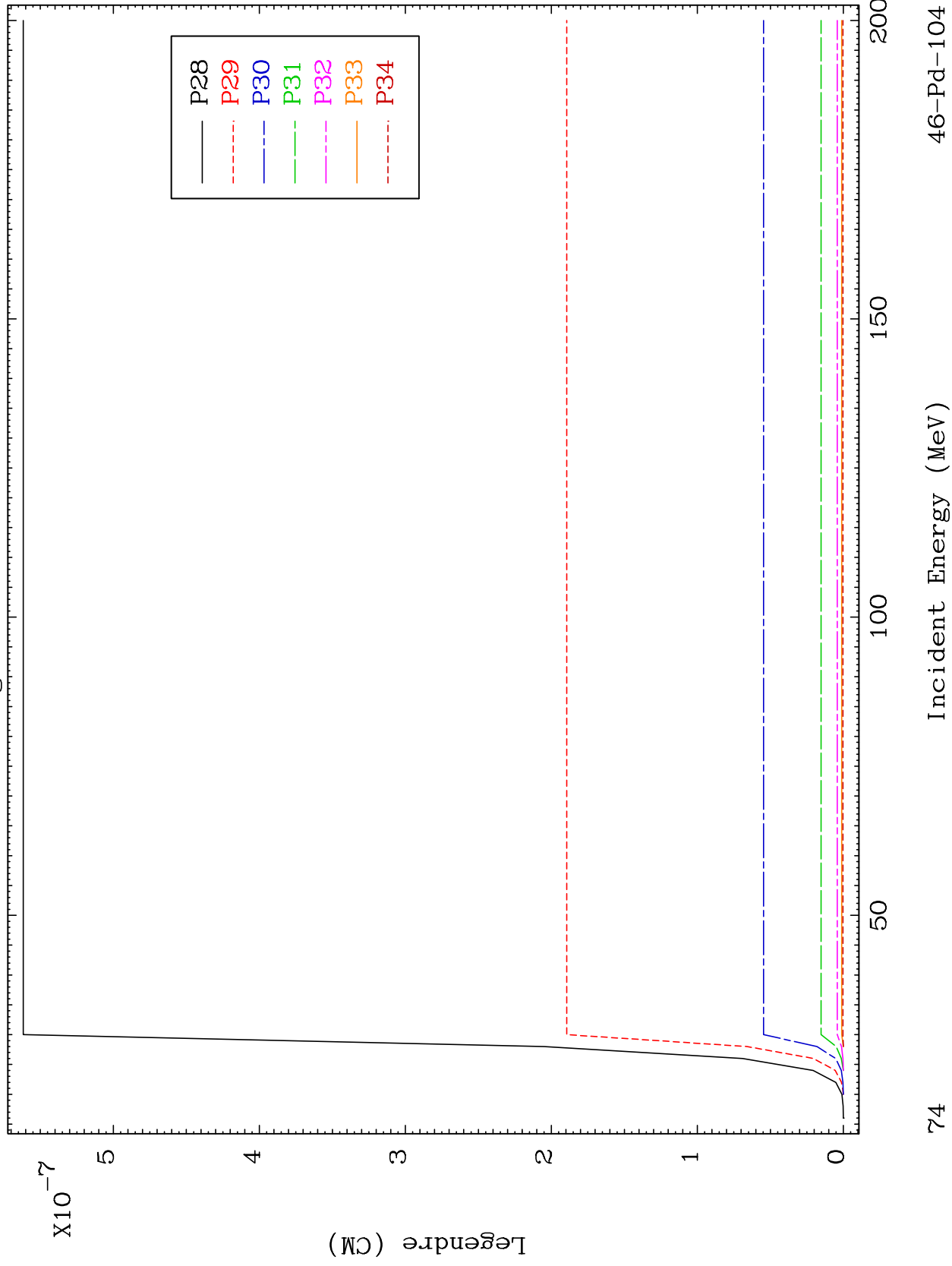




MAT 4631

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

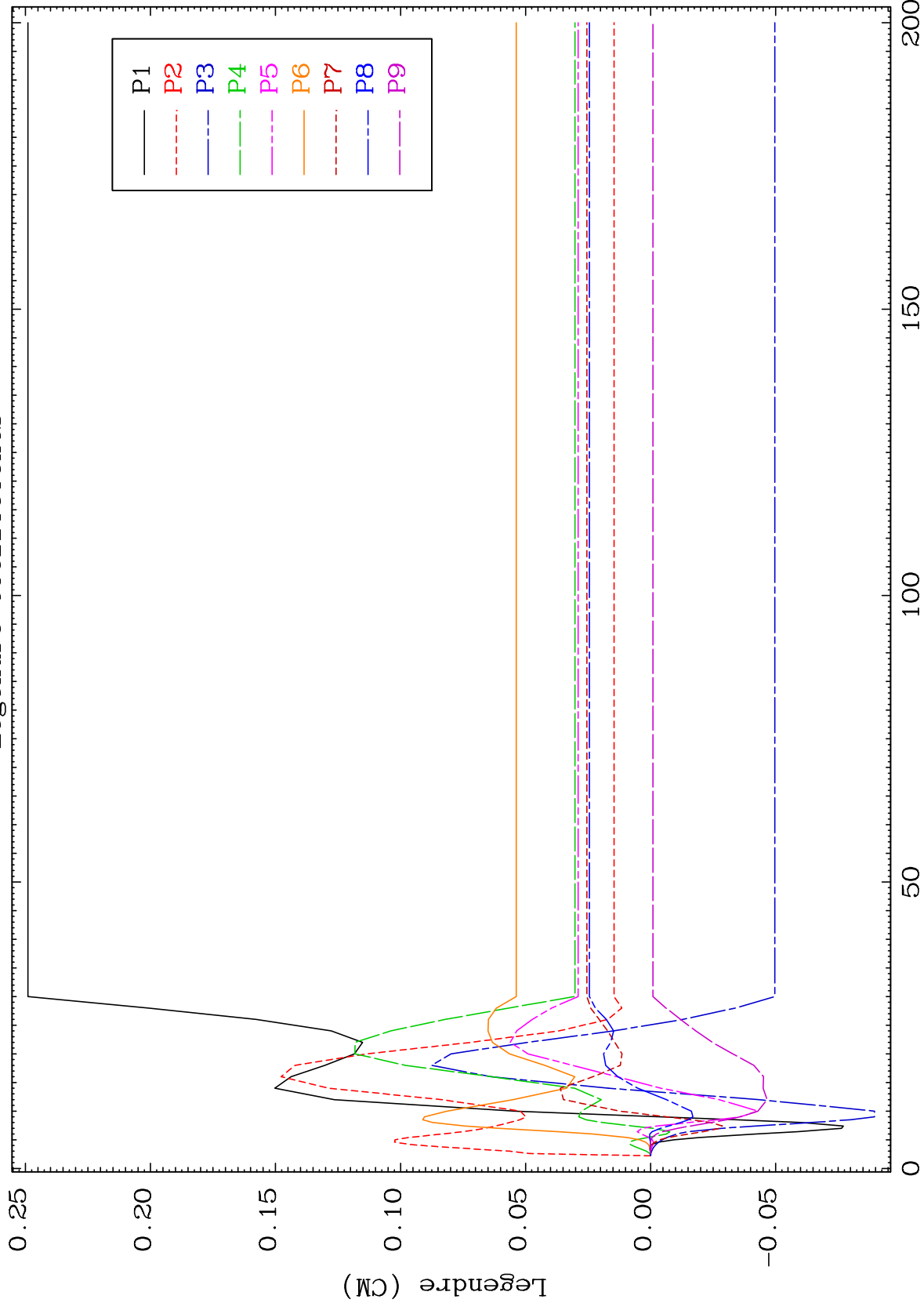
46-Pd-104



MAT 4631

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

46-Pd-104



75

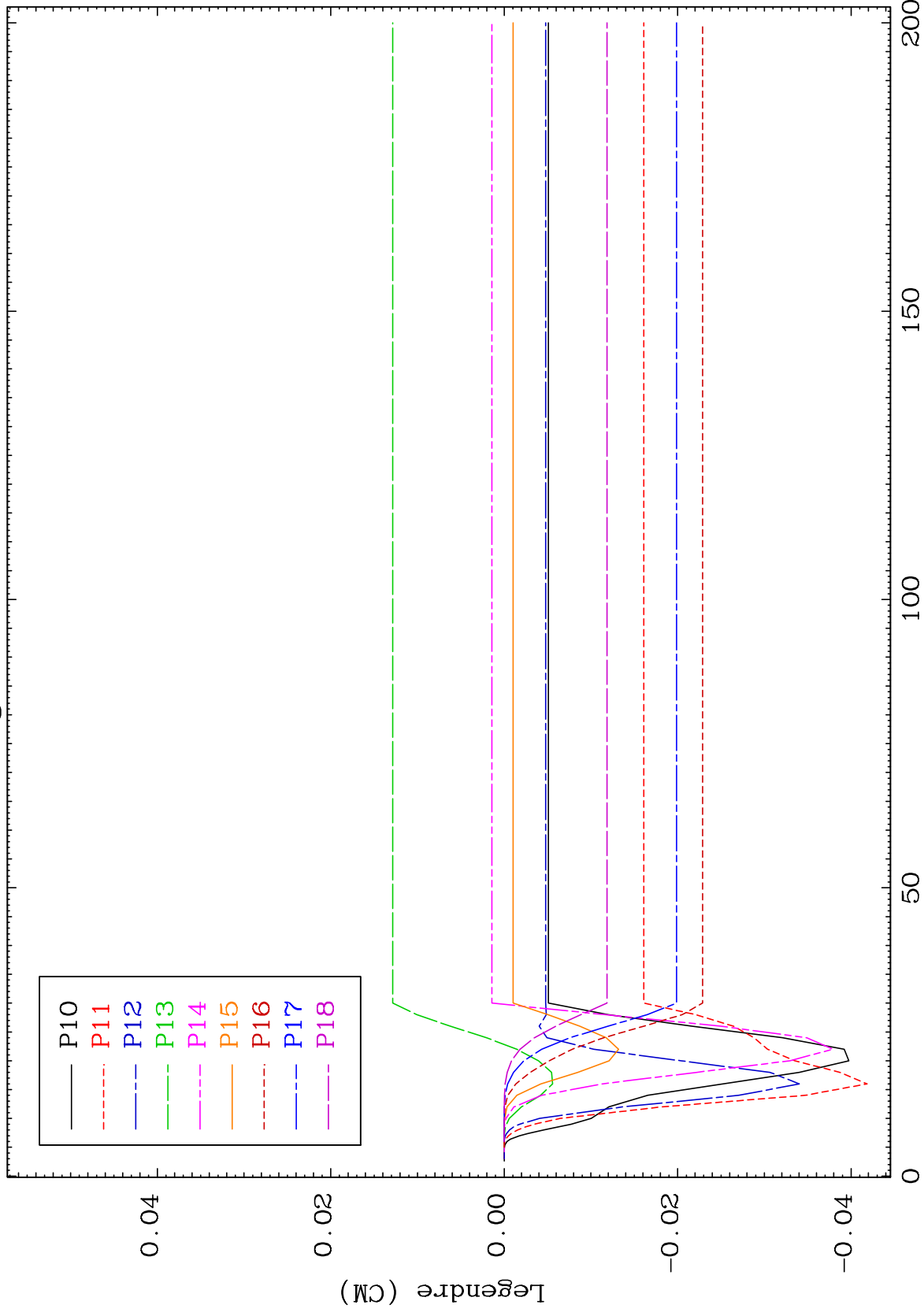
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

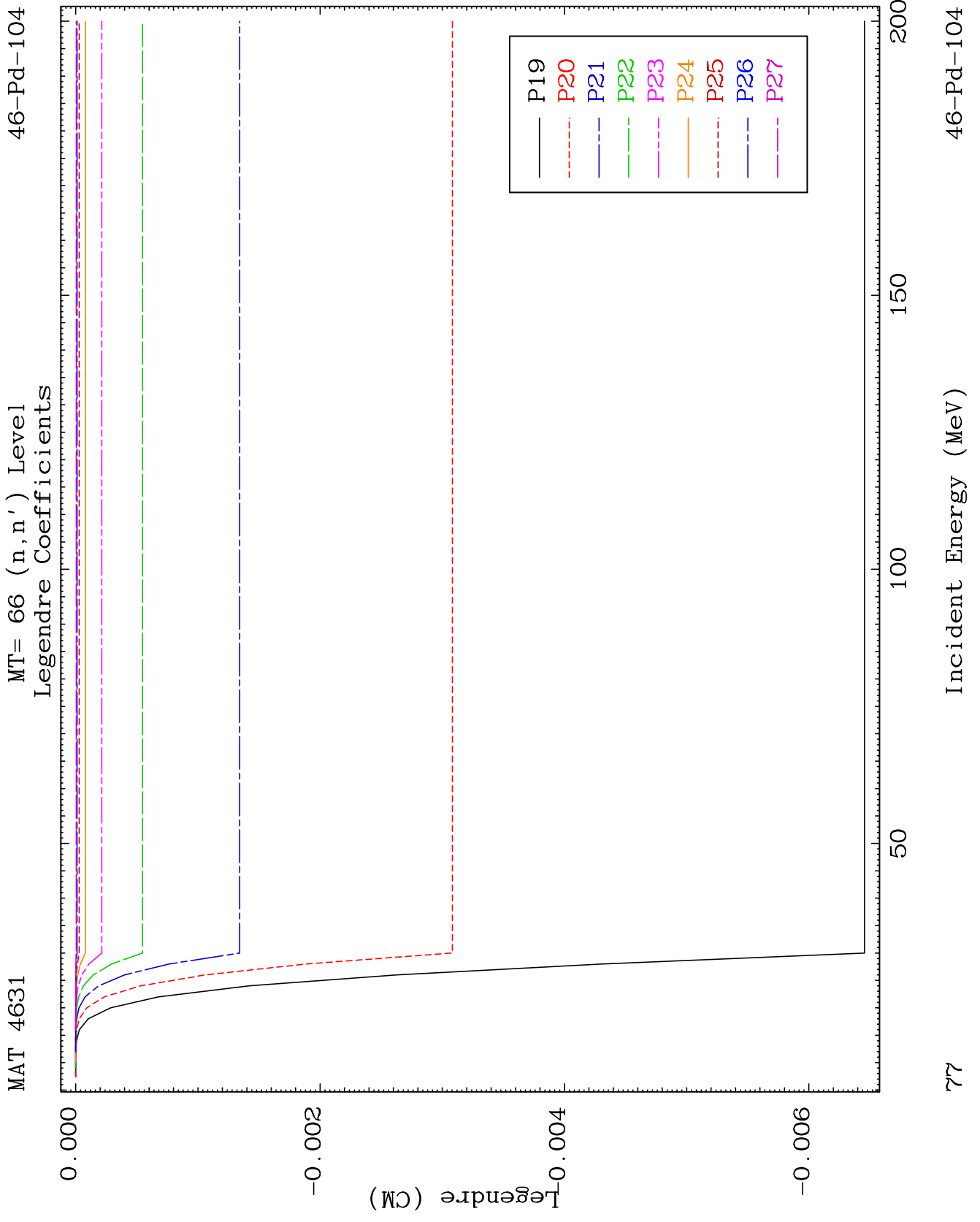
46-Pd-104

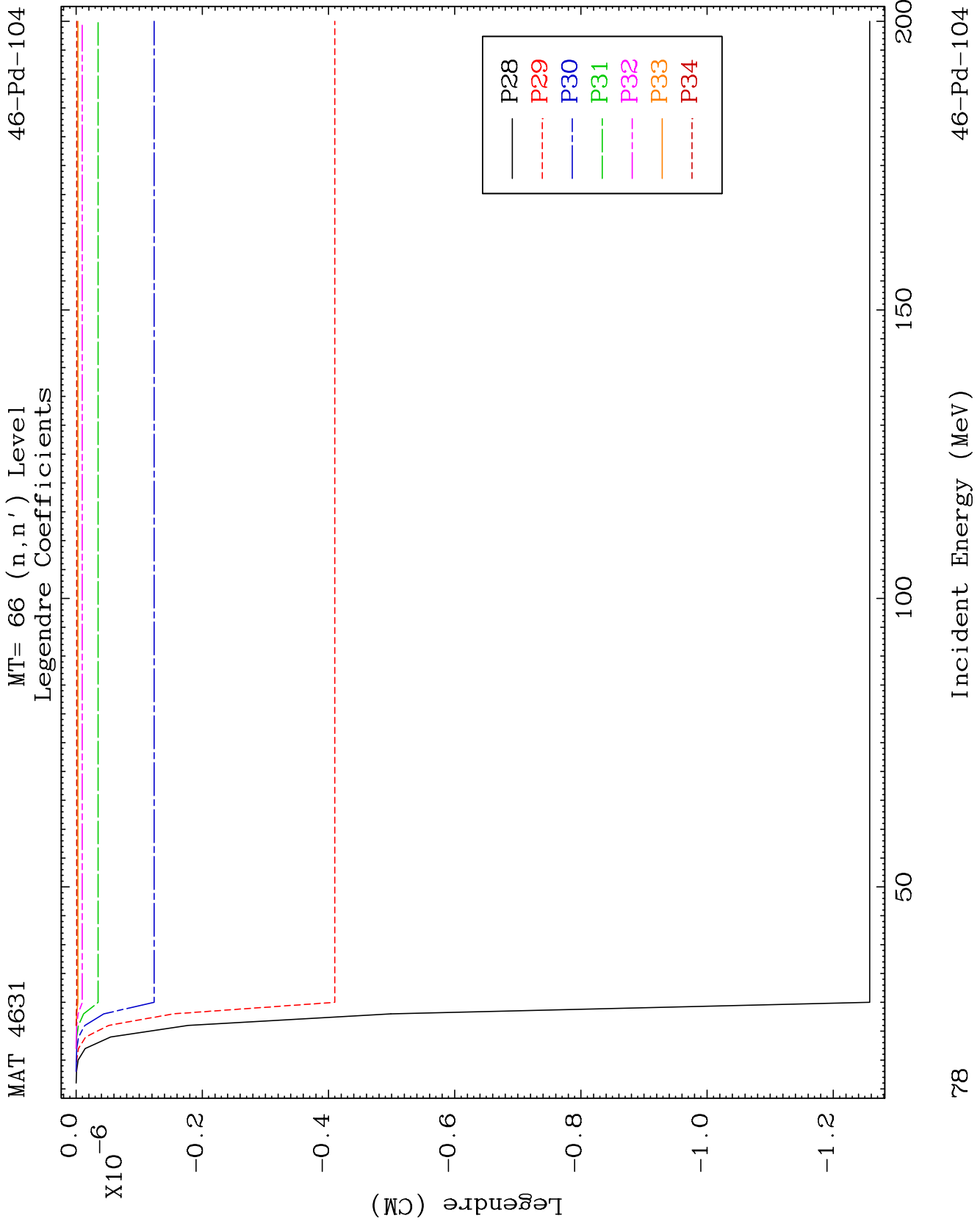


76

Incident Energy (MeV)

46-Pd-104

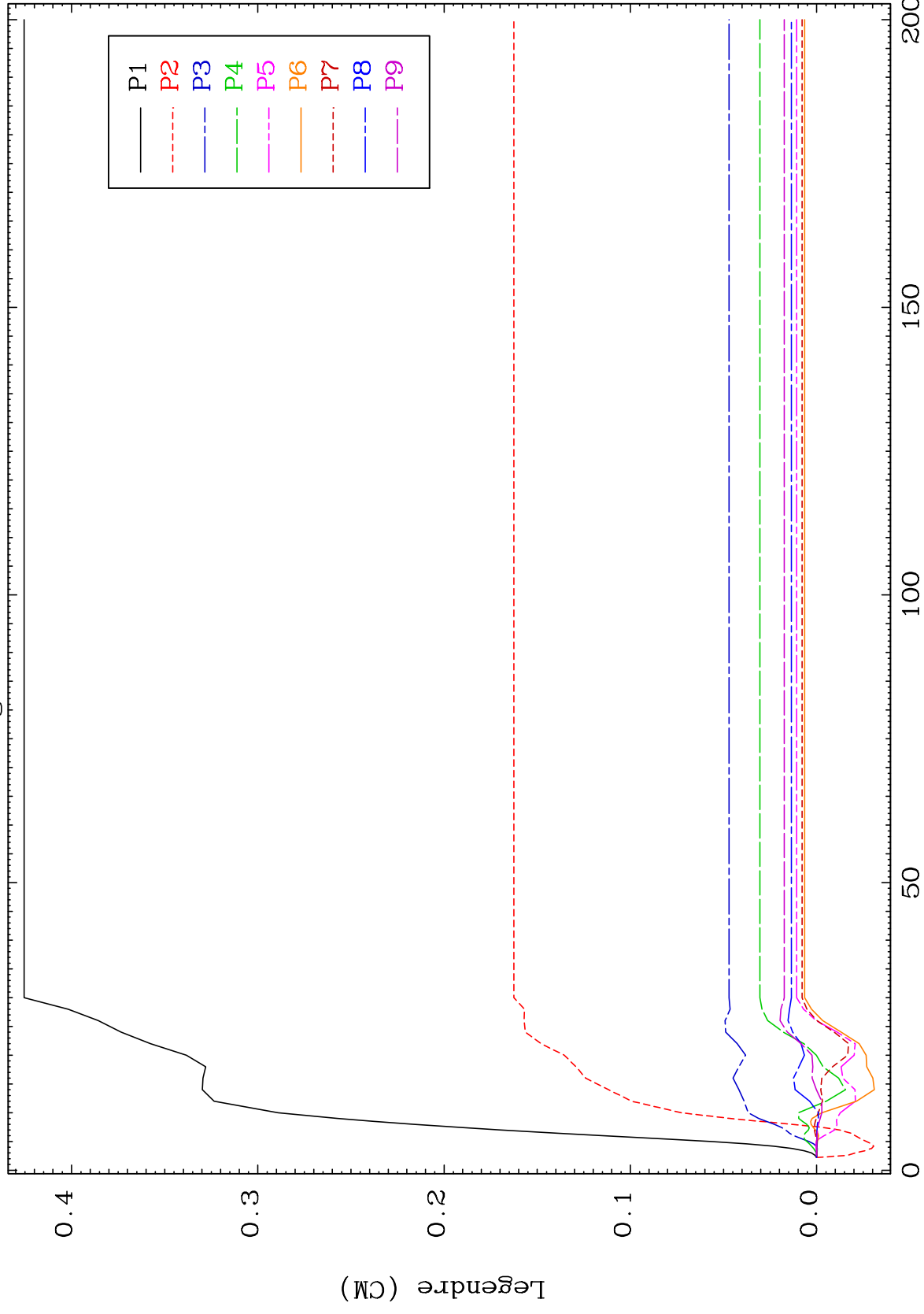




MAT 4631

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

46-Pd-104



79

Incident Energy (MeV)

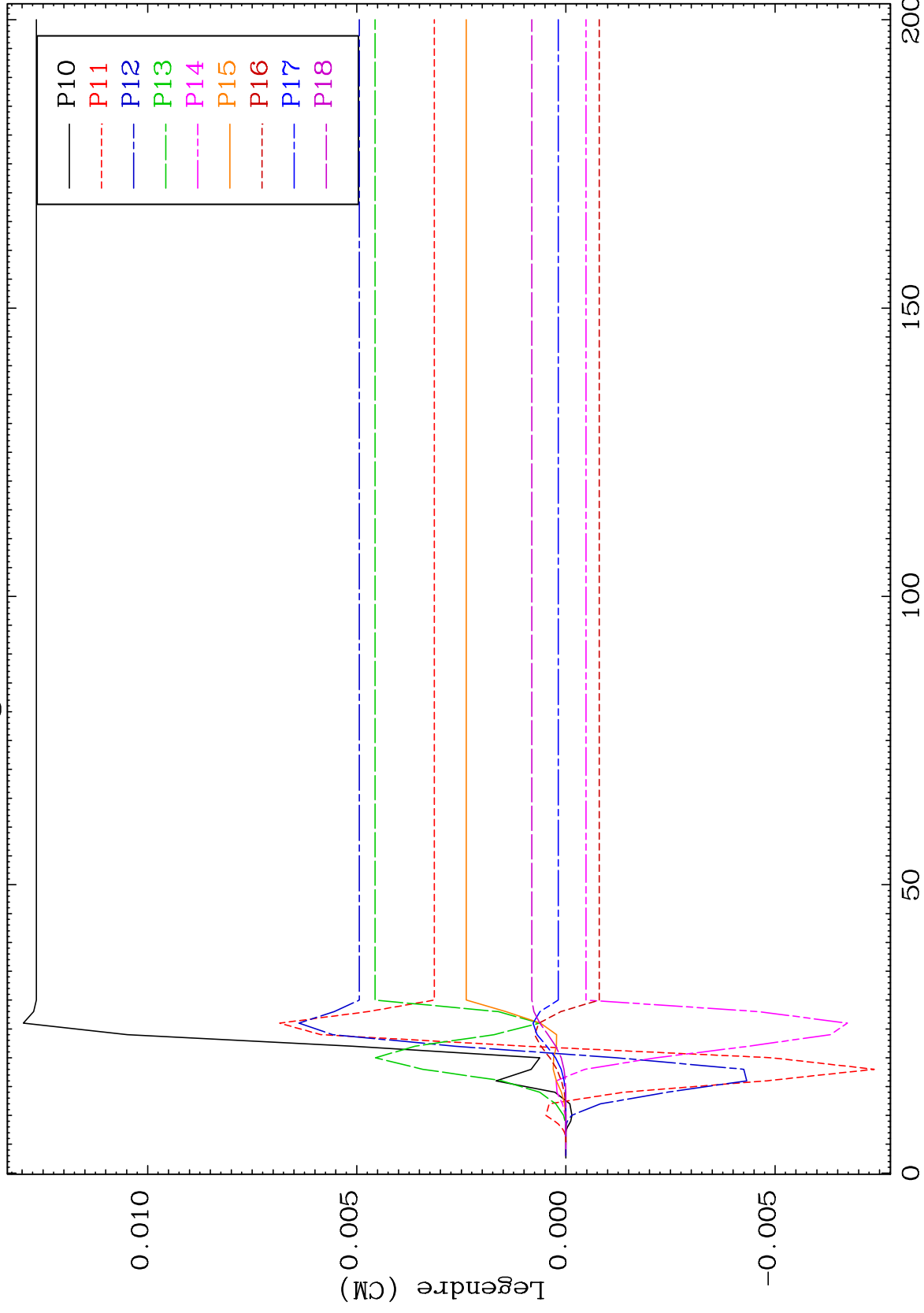
46-Pd-104

MAT 4631

MT= 67 (n,n') Level

46-Pd-104

Legendre Coefficients



80

Incident Energy (MeV)

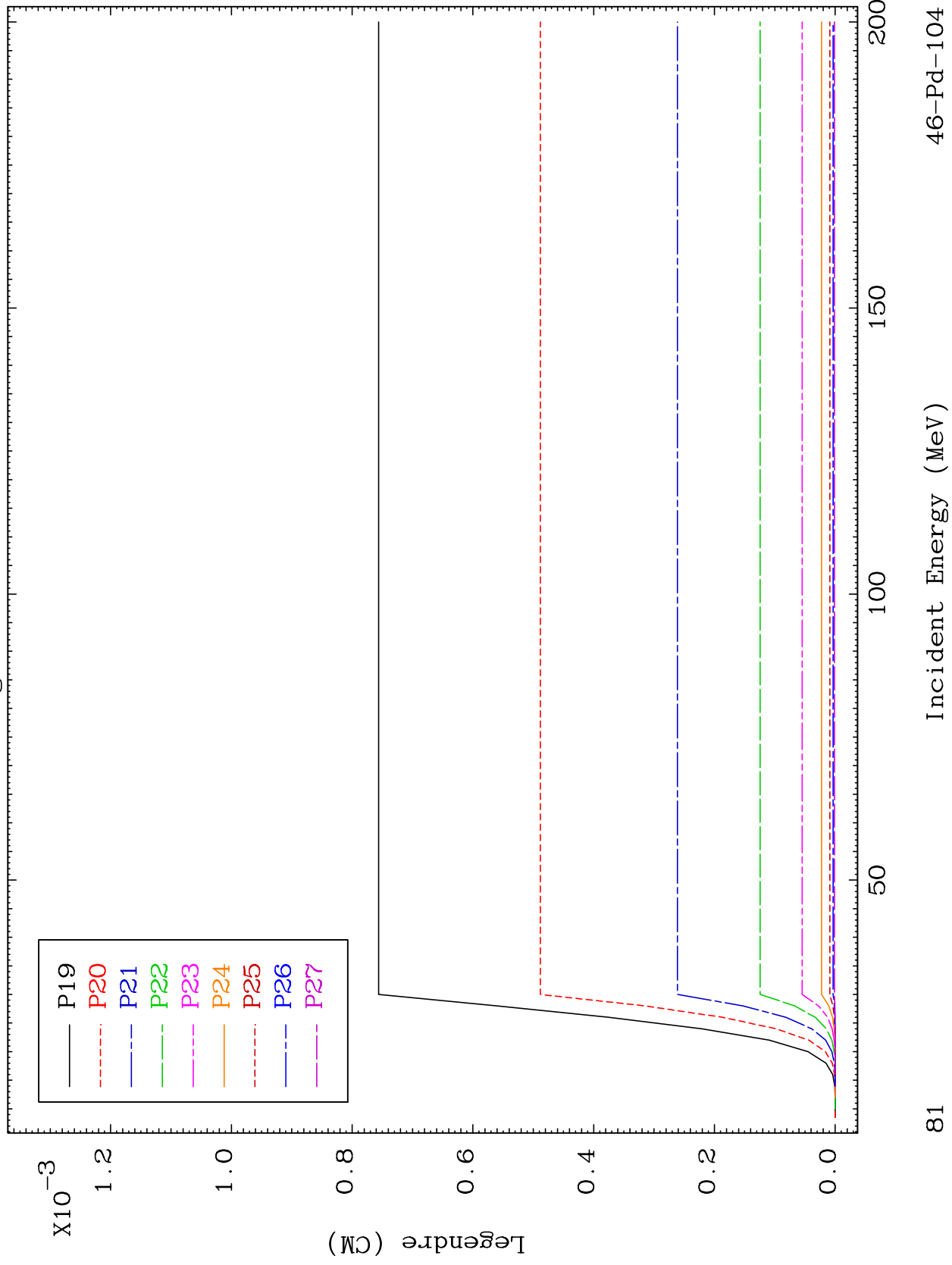
46-Pd-104

200

MAT 4631

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

46-Pd-104



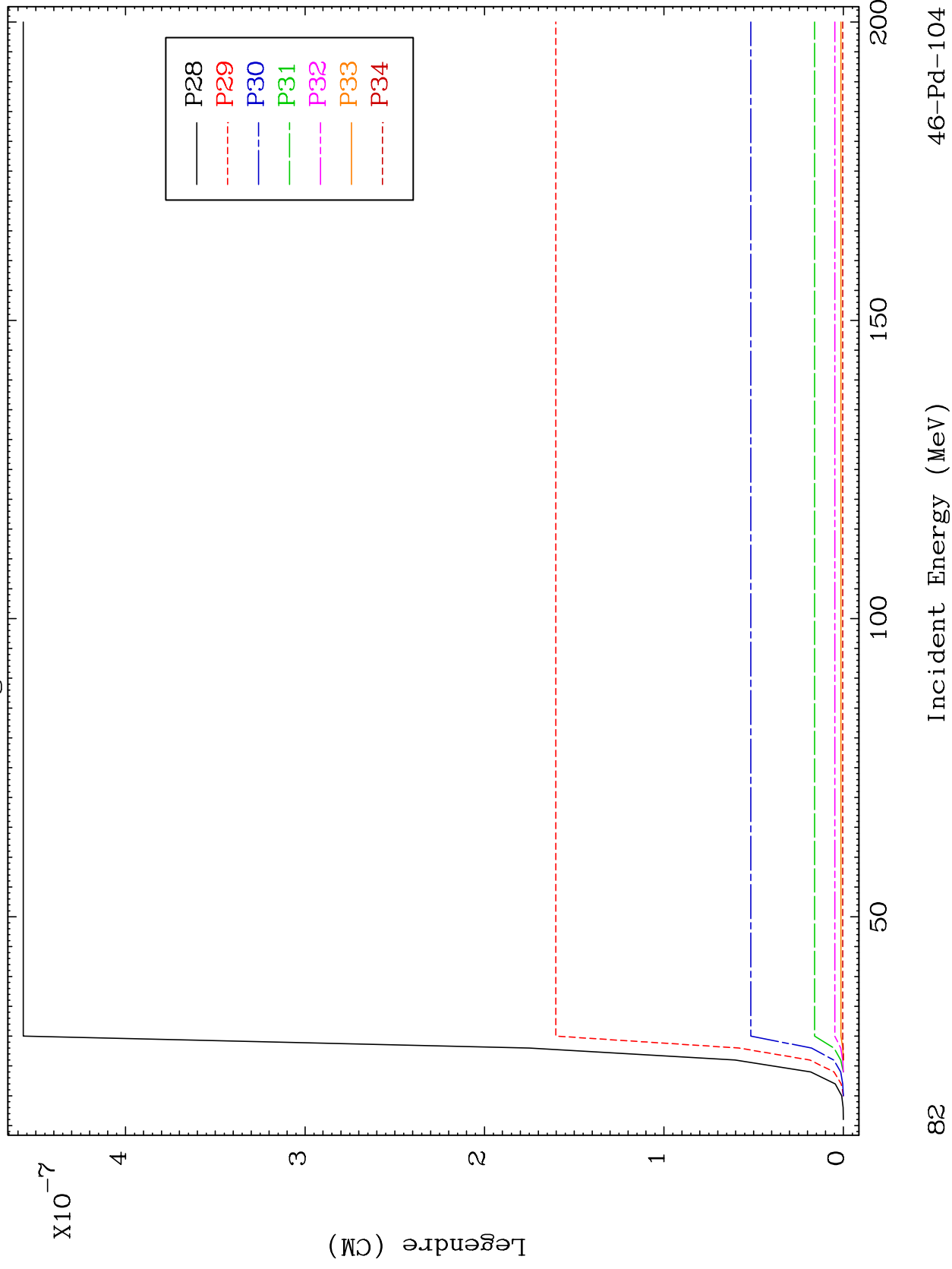
81

46-Pd-104

MAT 4631

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

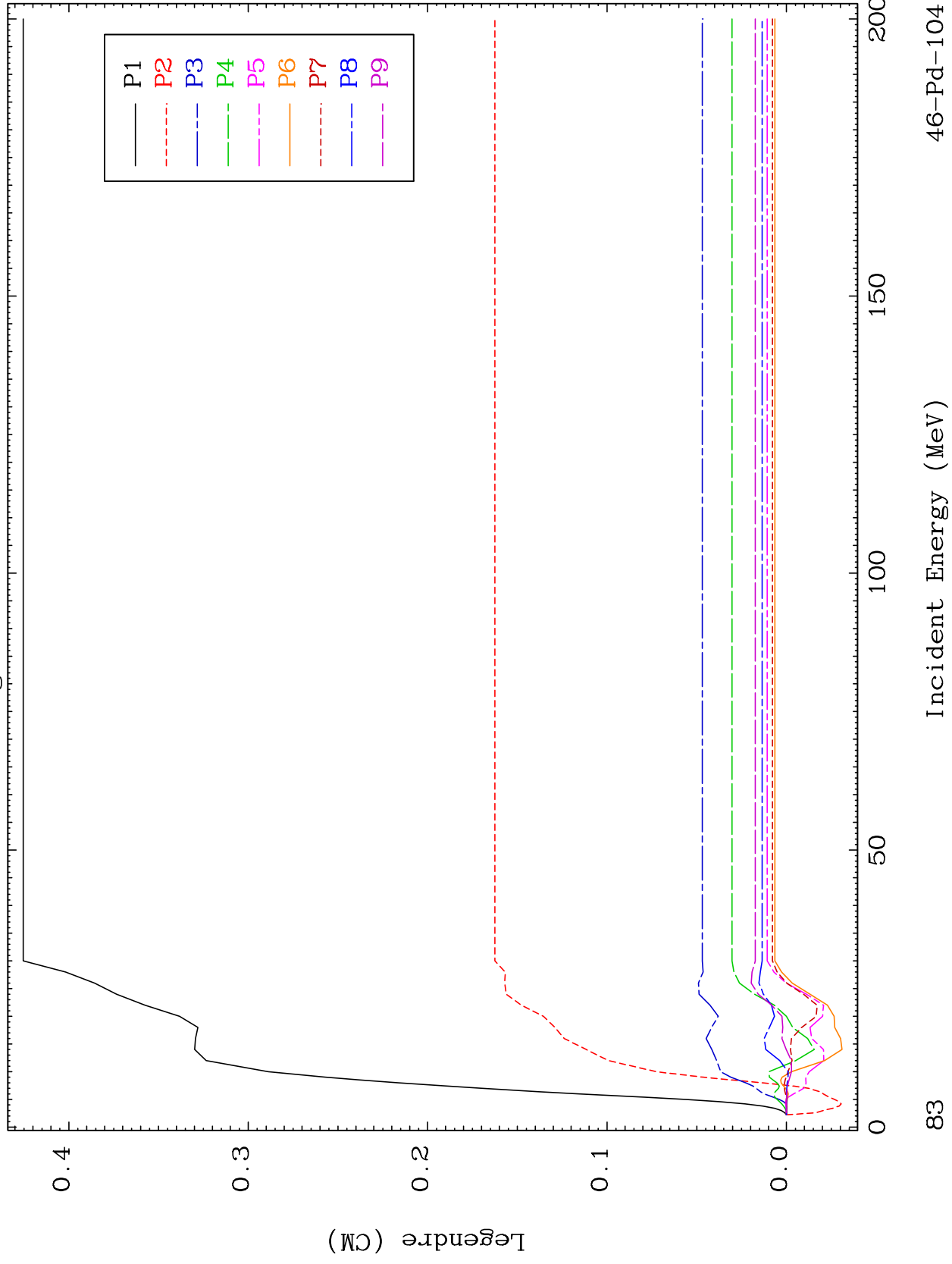
46-Pd-104



MAT 4631

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

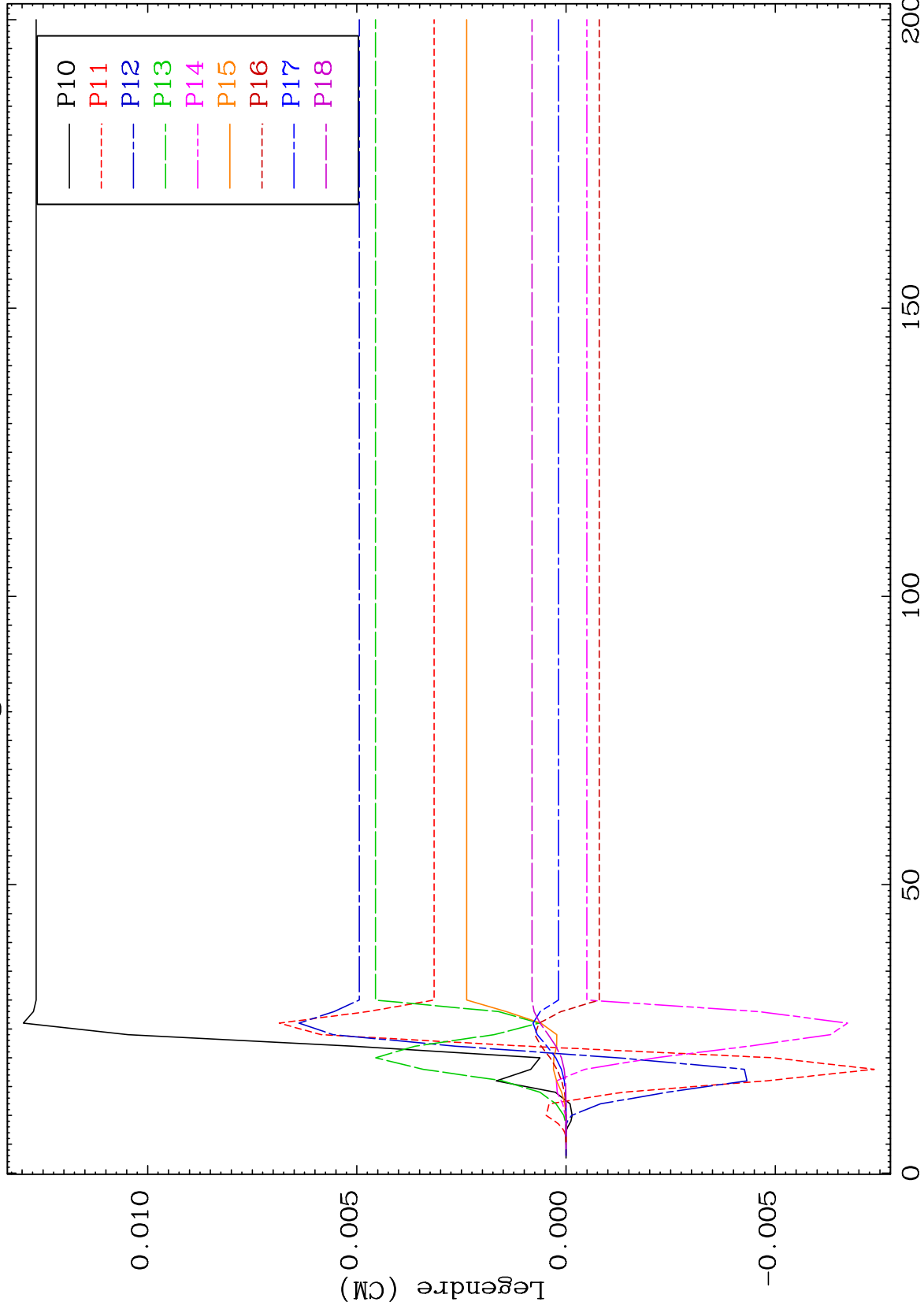
46-Pd-104



MAT 4631

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

46-Pd-104



84

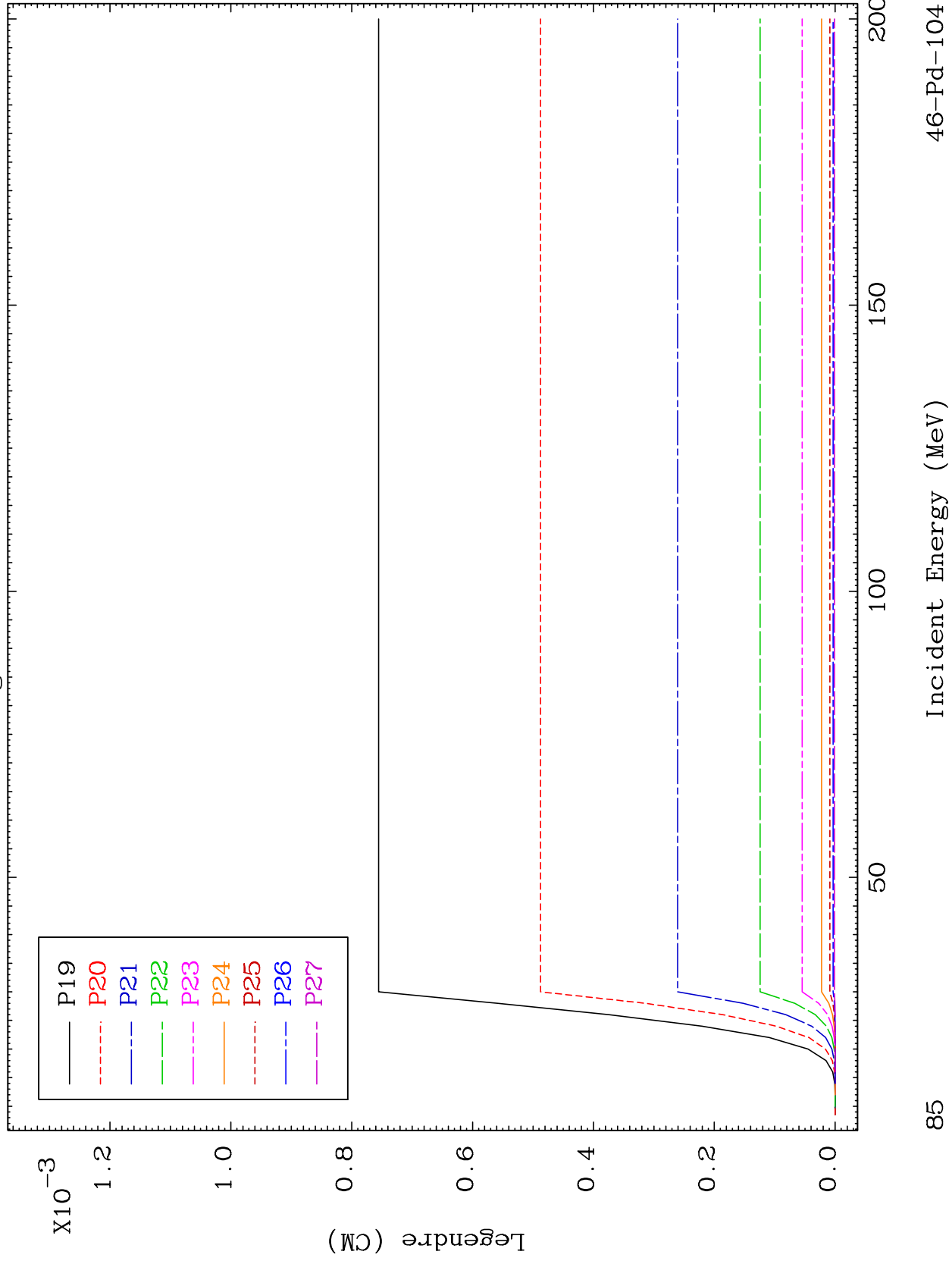
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



MAT 4631

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

46-Pd-104

$\times 10^{-7}$

4

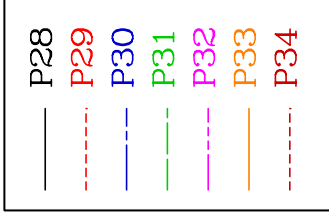
3

2

1

0

Legendre (CM)



50

100

150

200

86

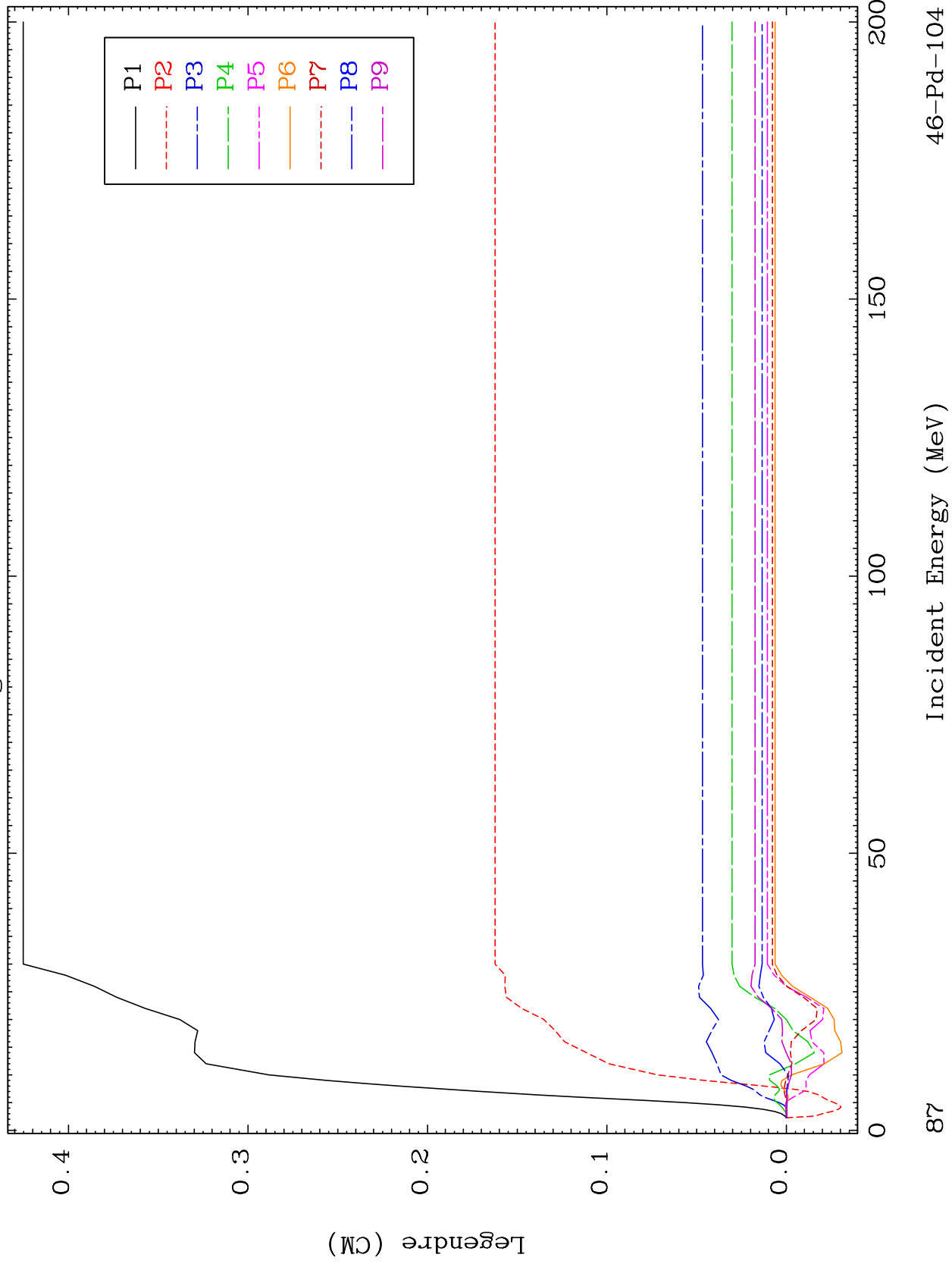
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



87

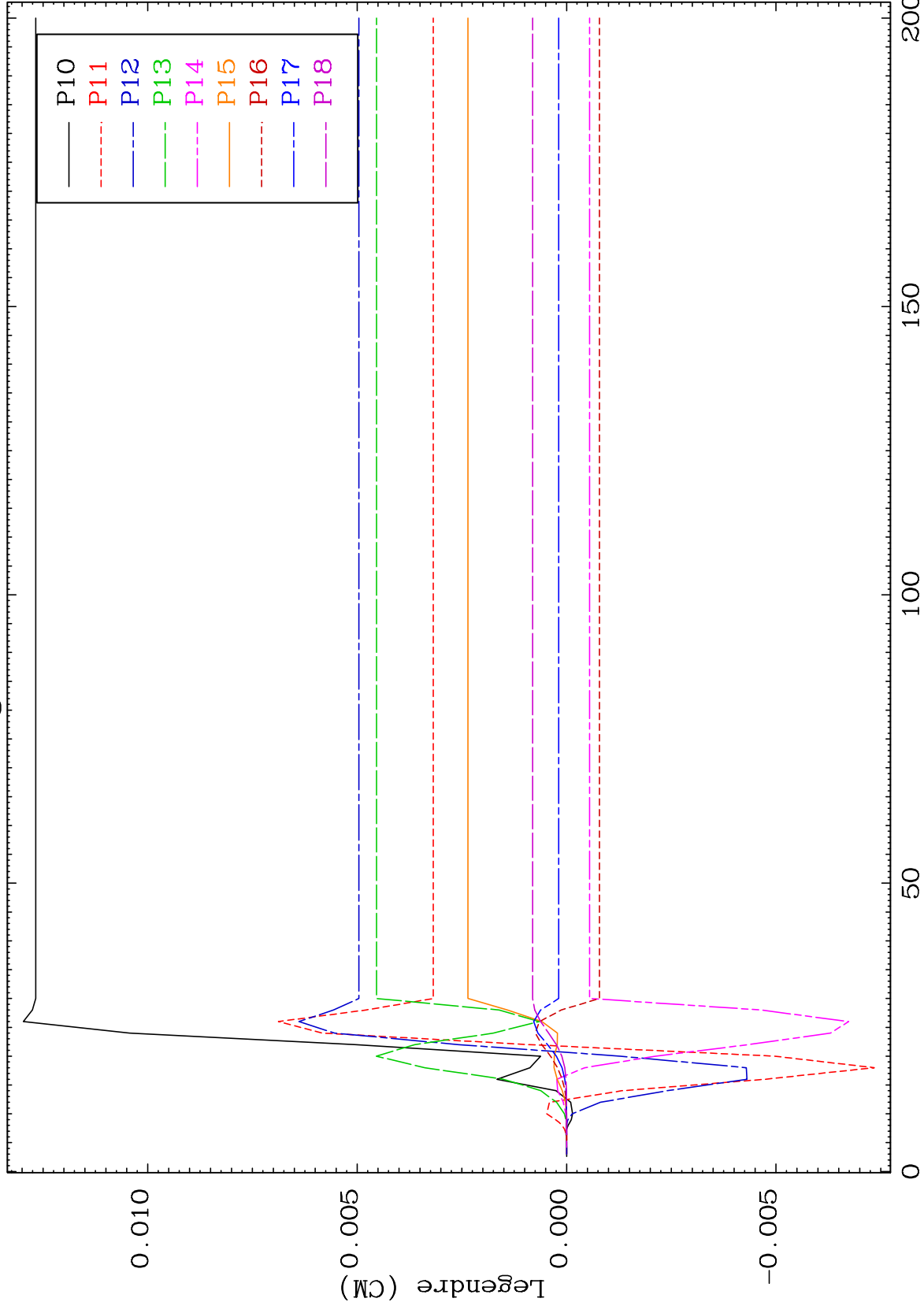
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



88

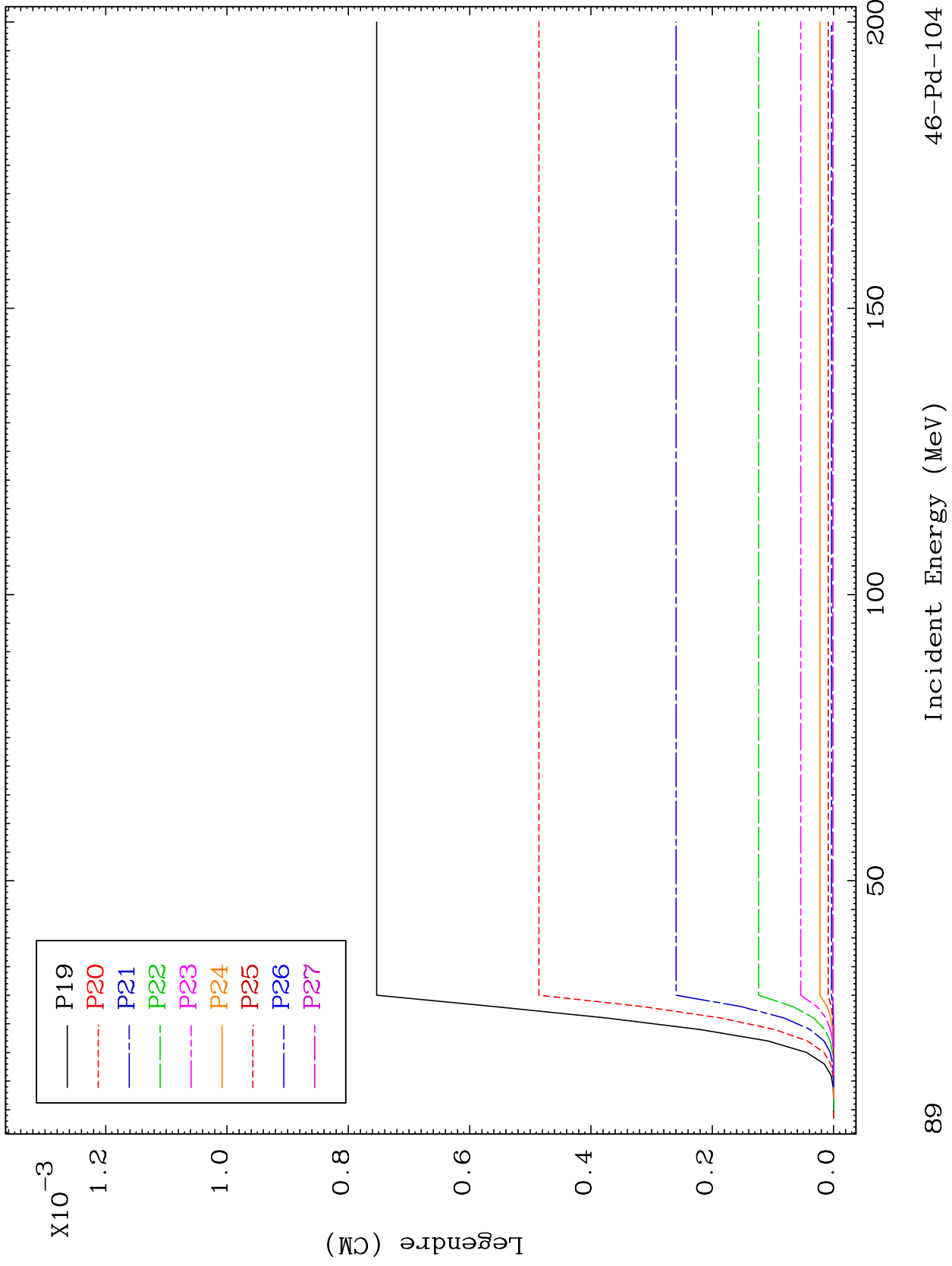
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

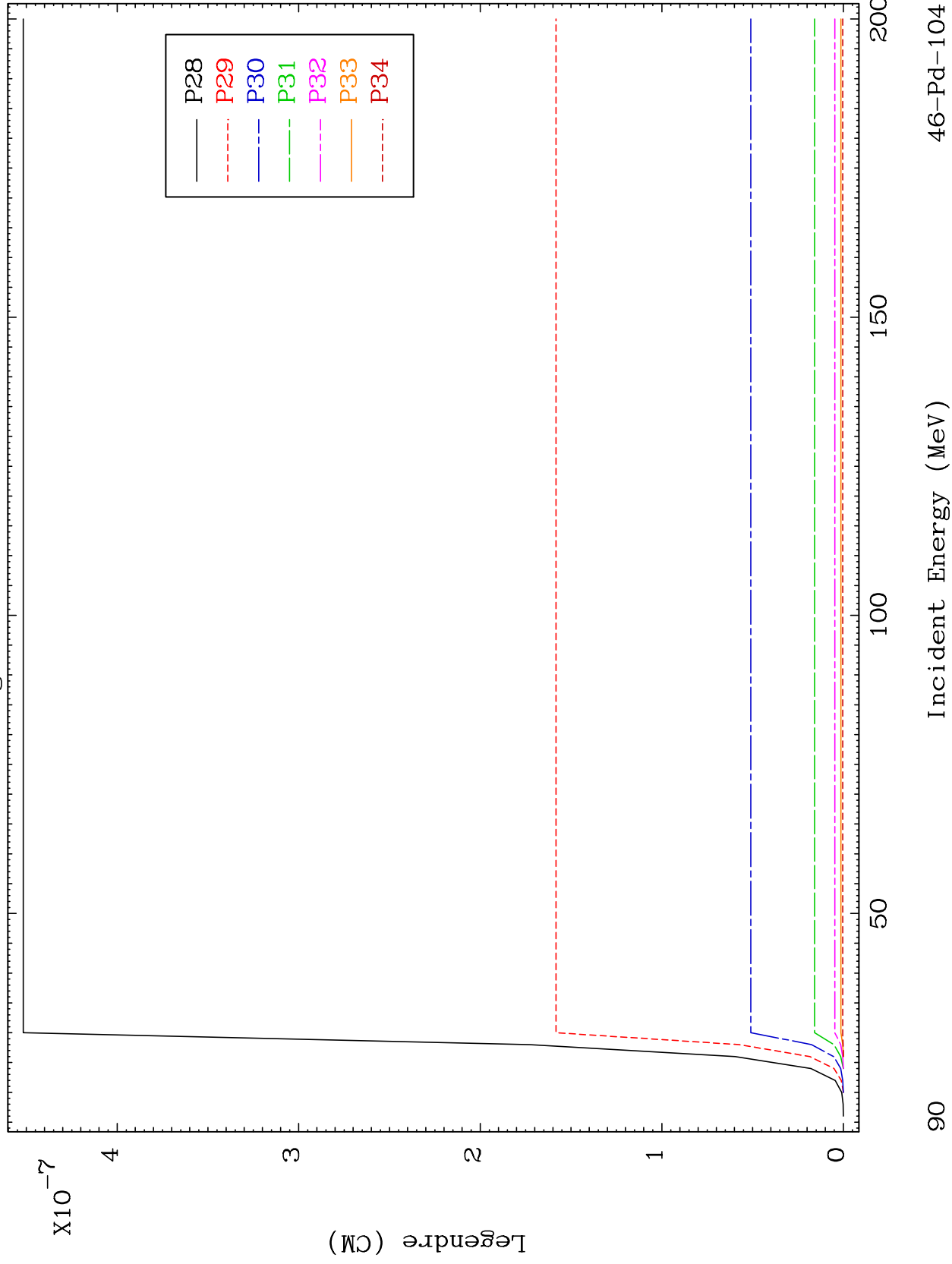
46-Pd-104

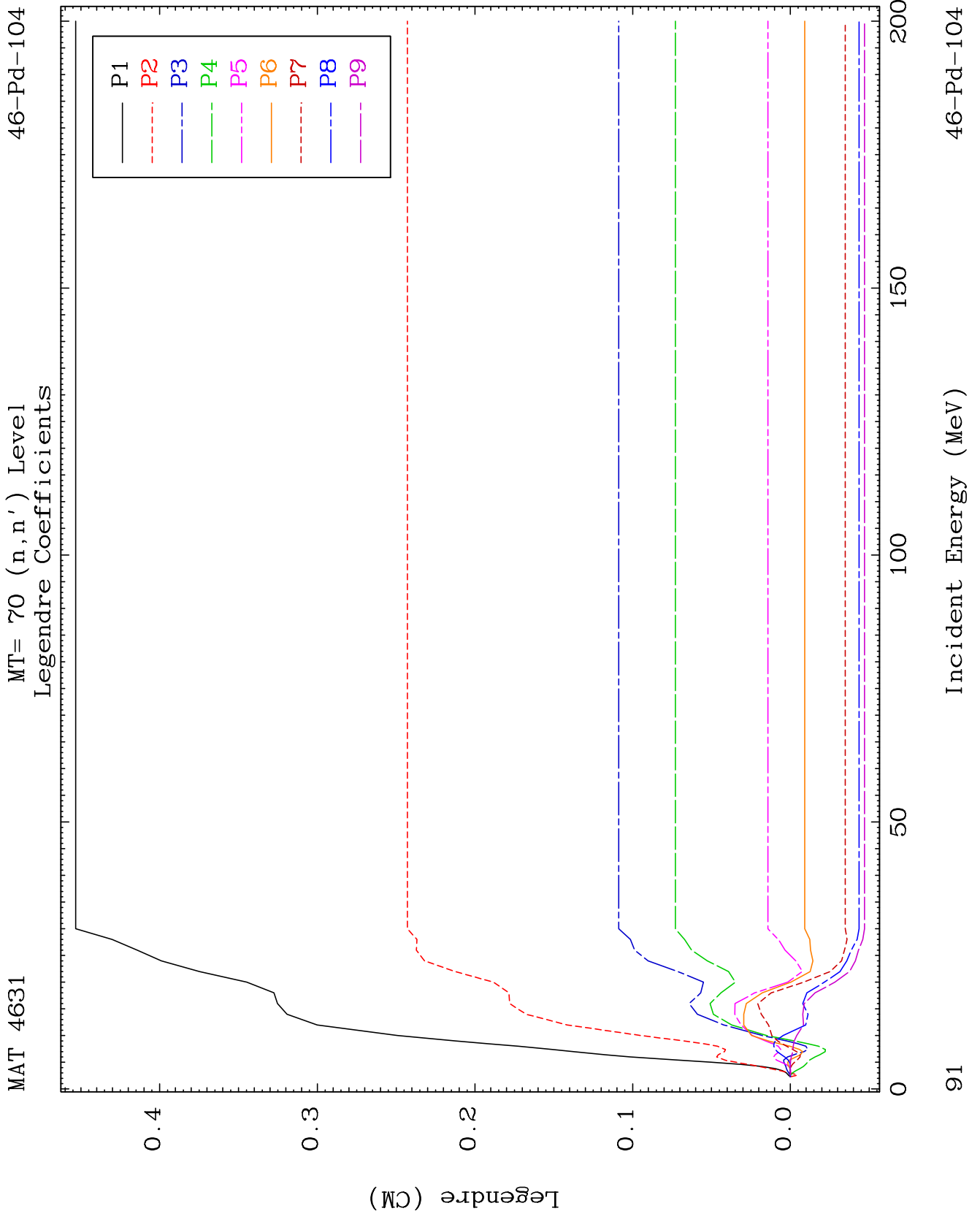


MAT 4631

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

46-Pd-104

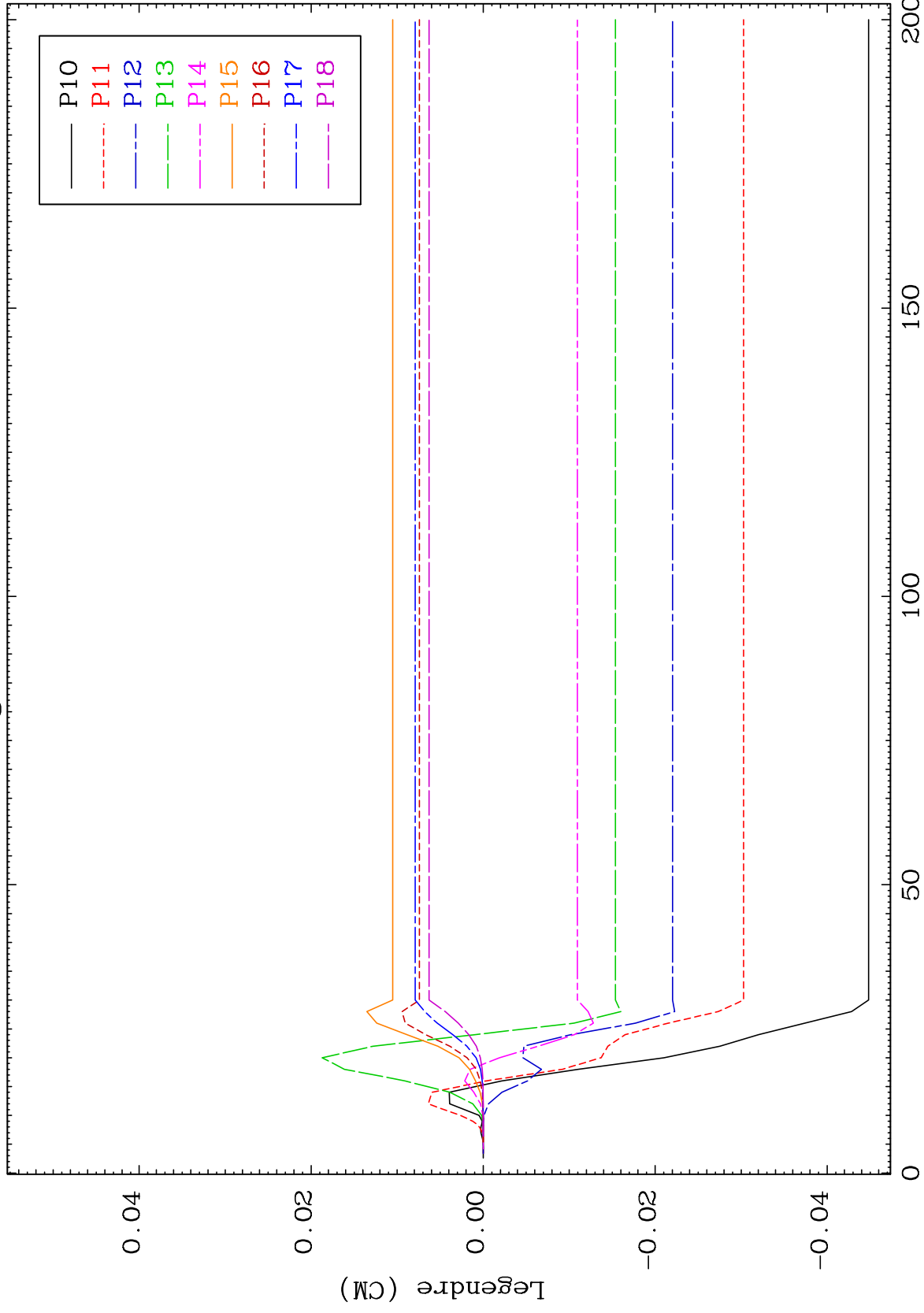




MAT 4631

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

46-Pd-104



92

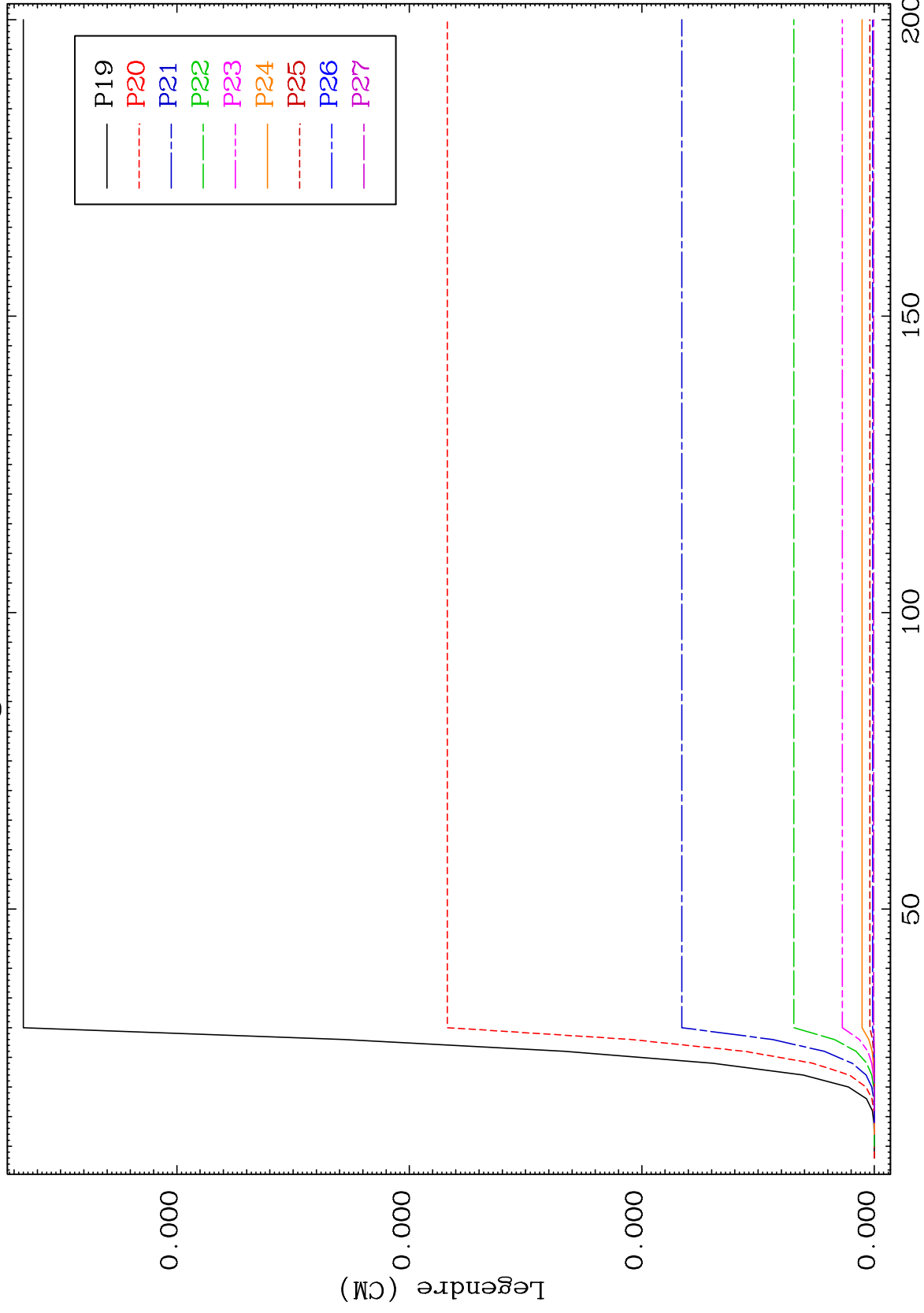
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



93

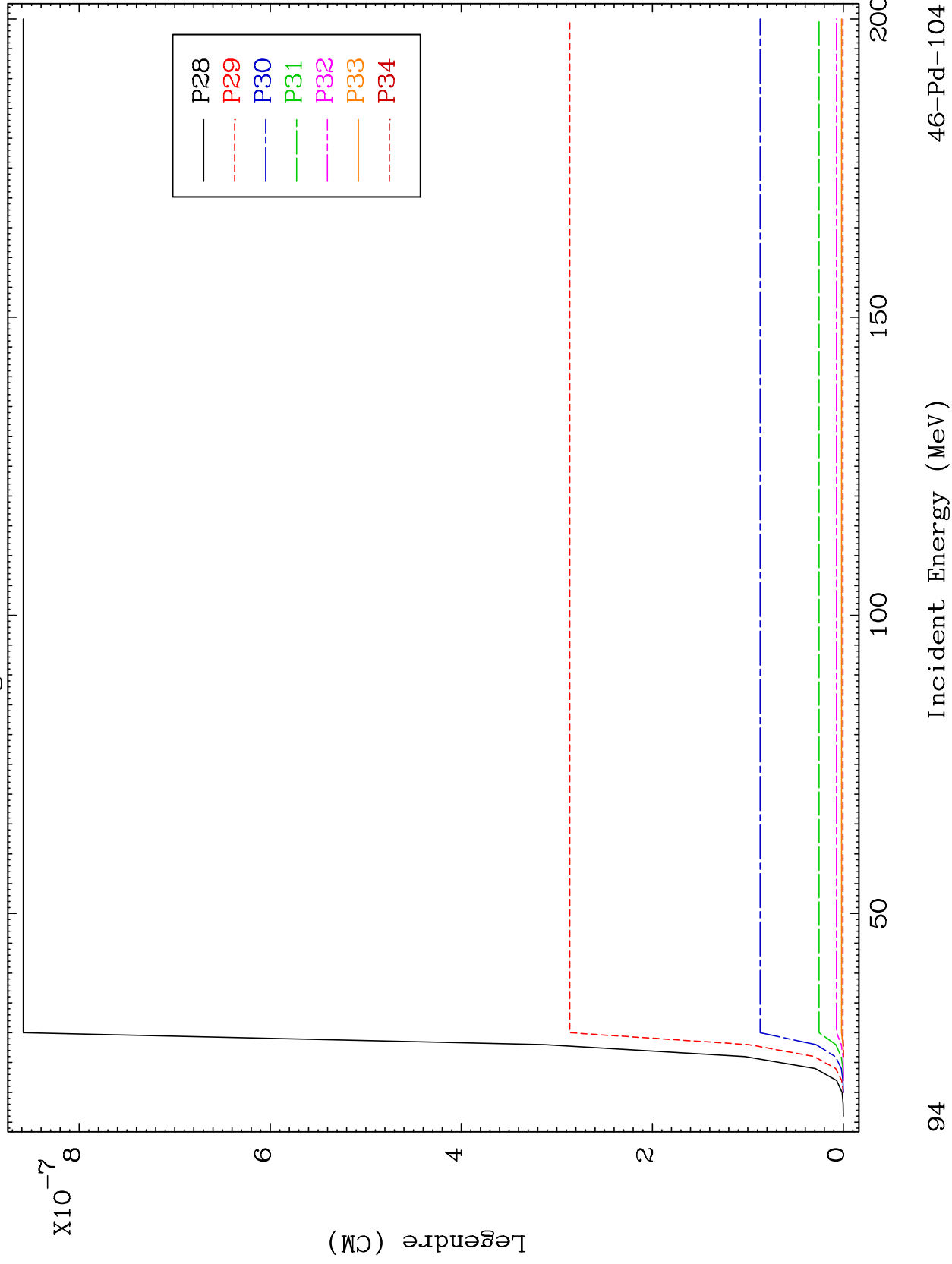
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



94

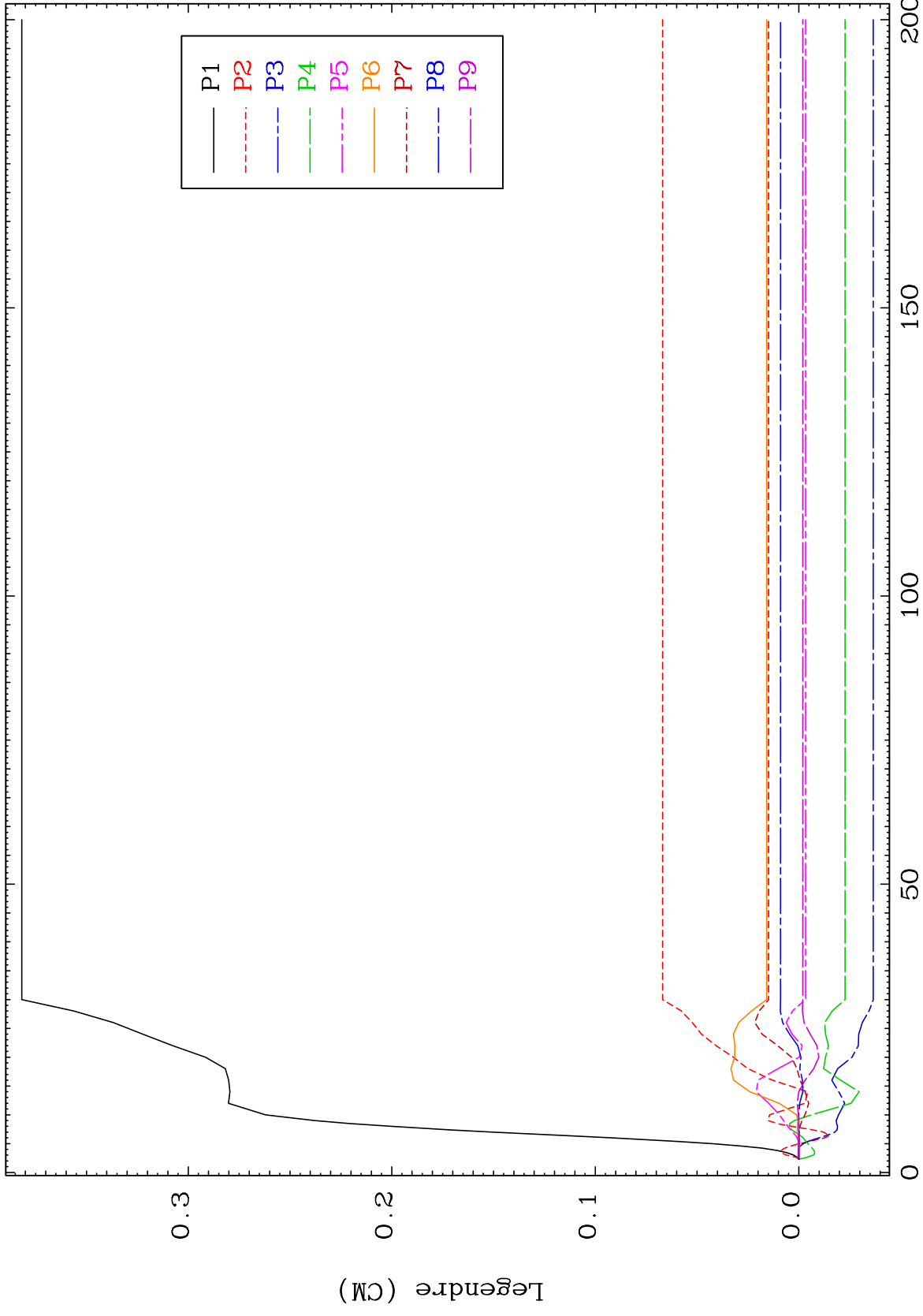
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



95

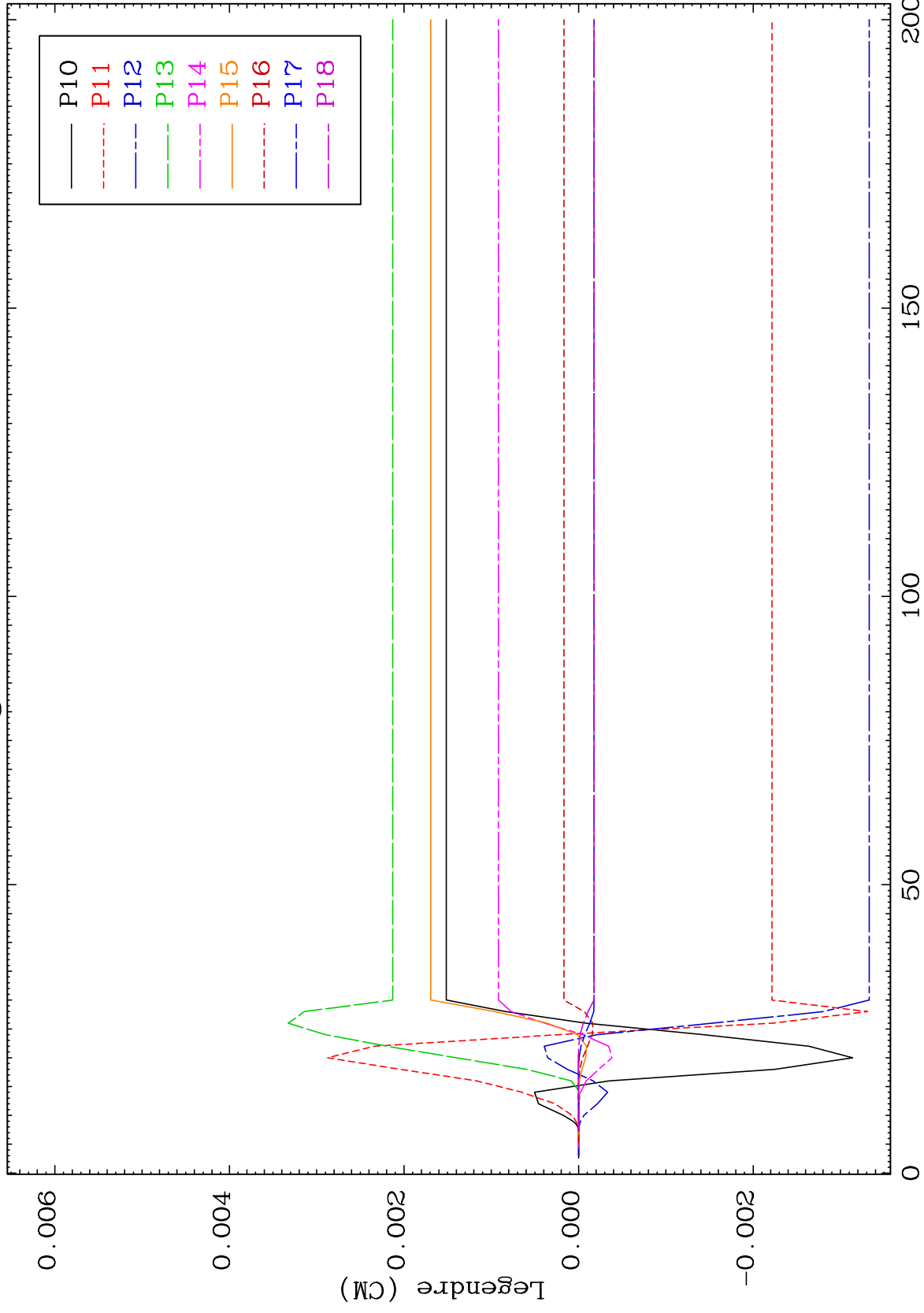
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

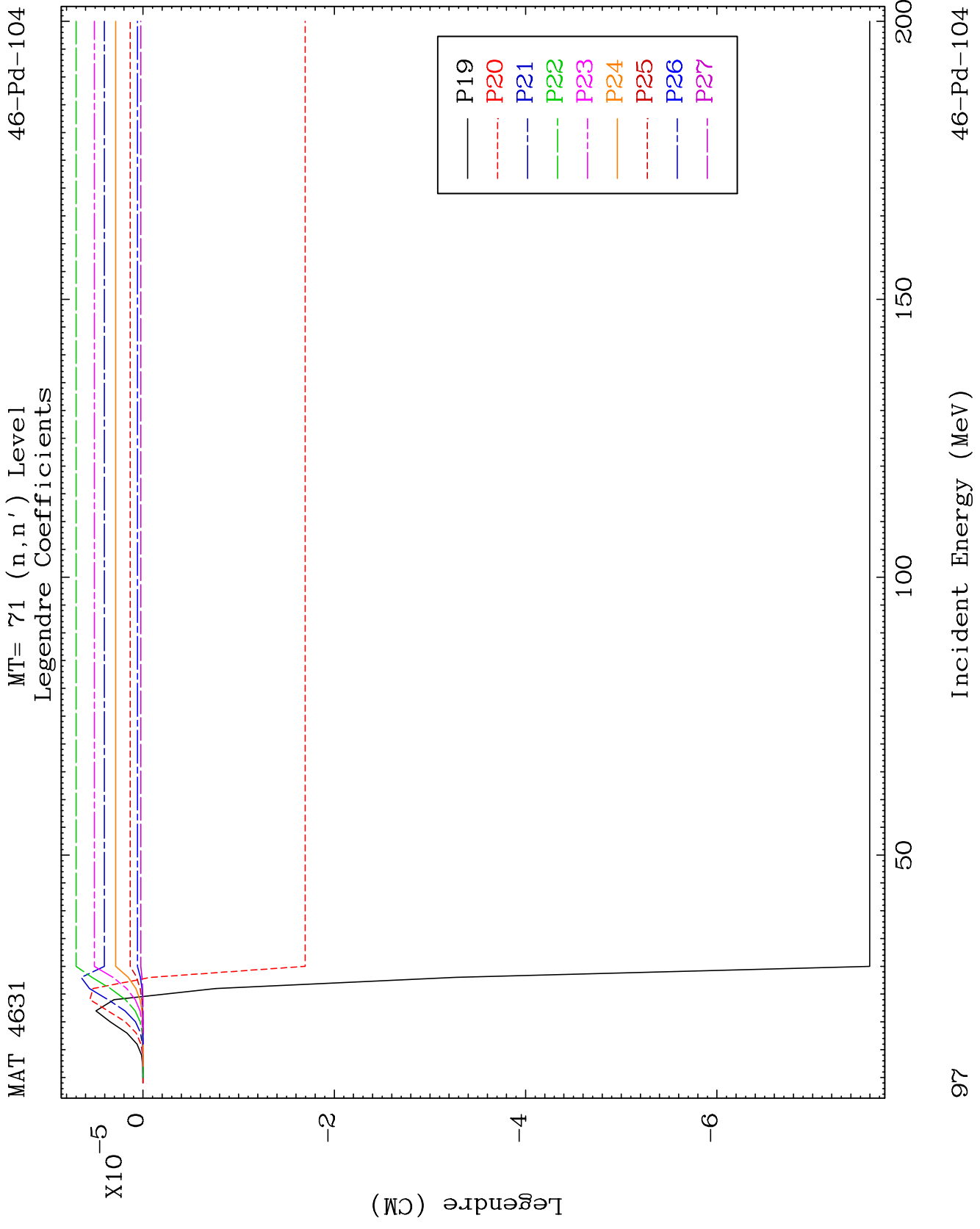
46-Pd-104



96

Incident Energy (MeV)

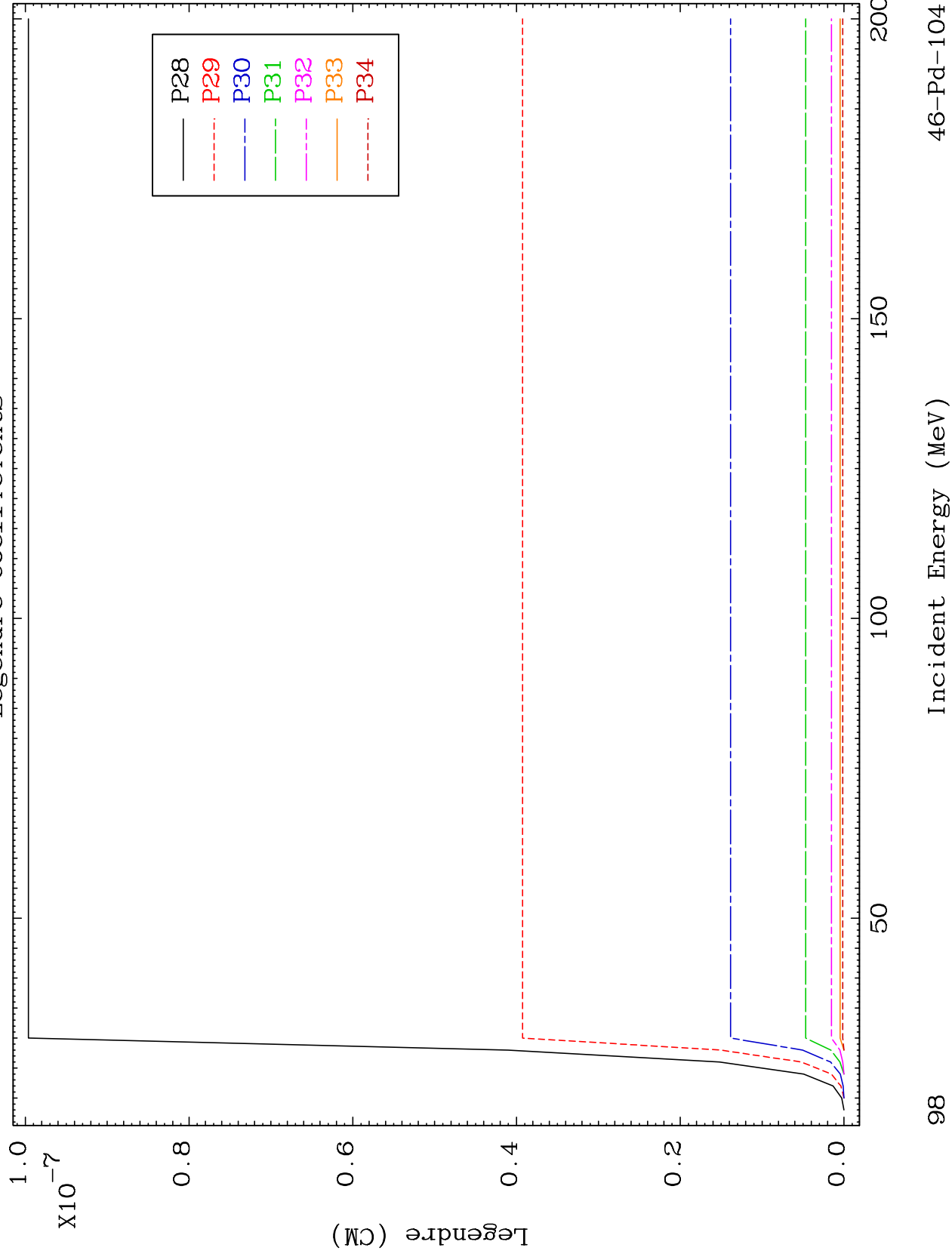
46-Pd-104



MAT 4631

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

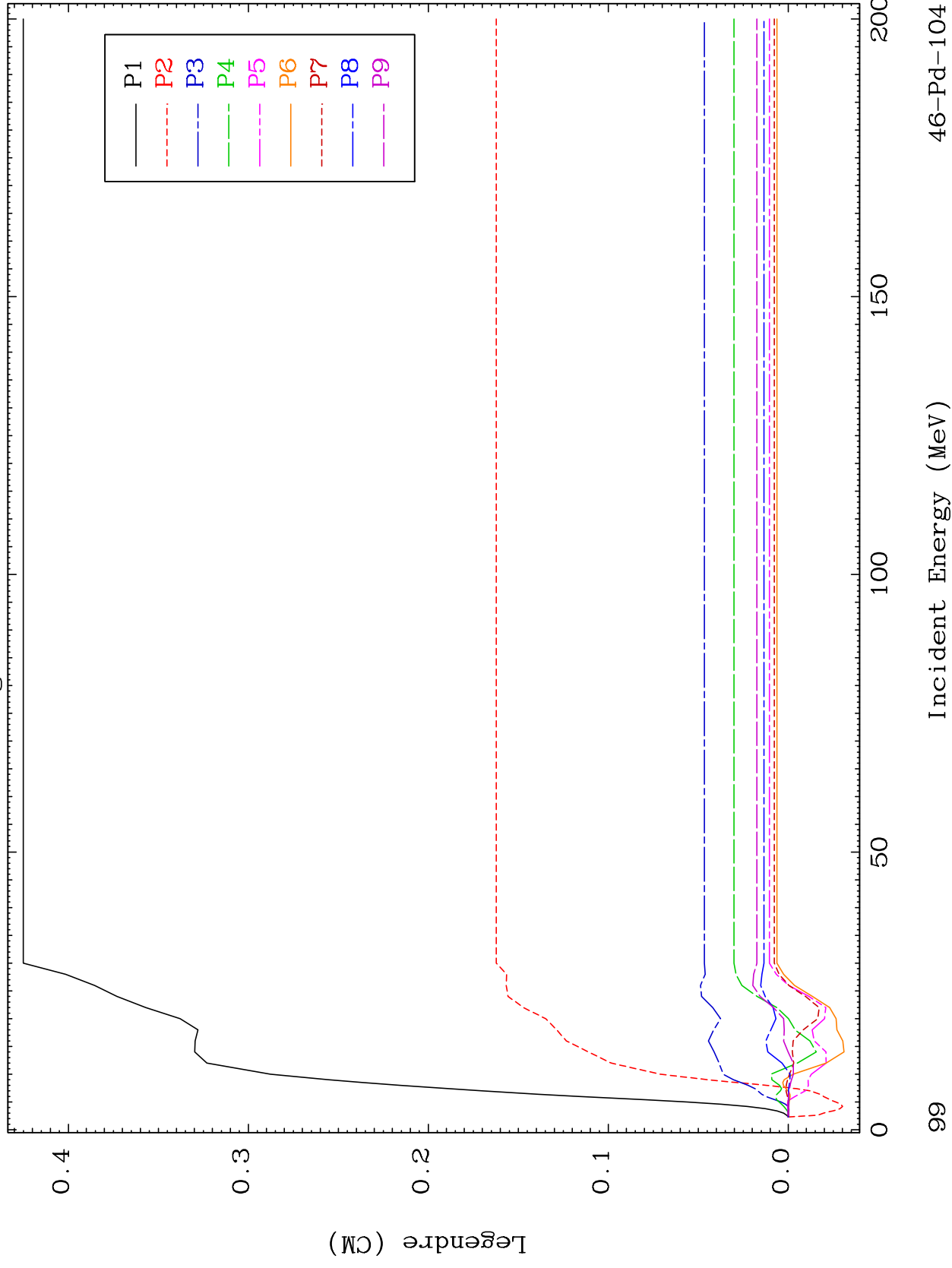
46-Pd-104



MAT 4631

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

46-Pd-104



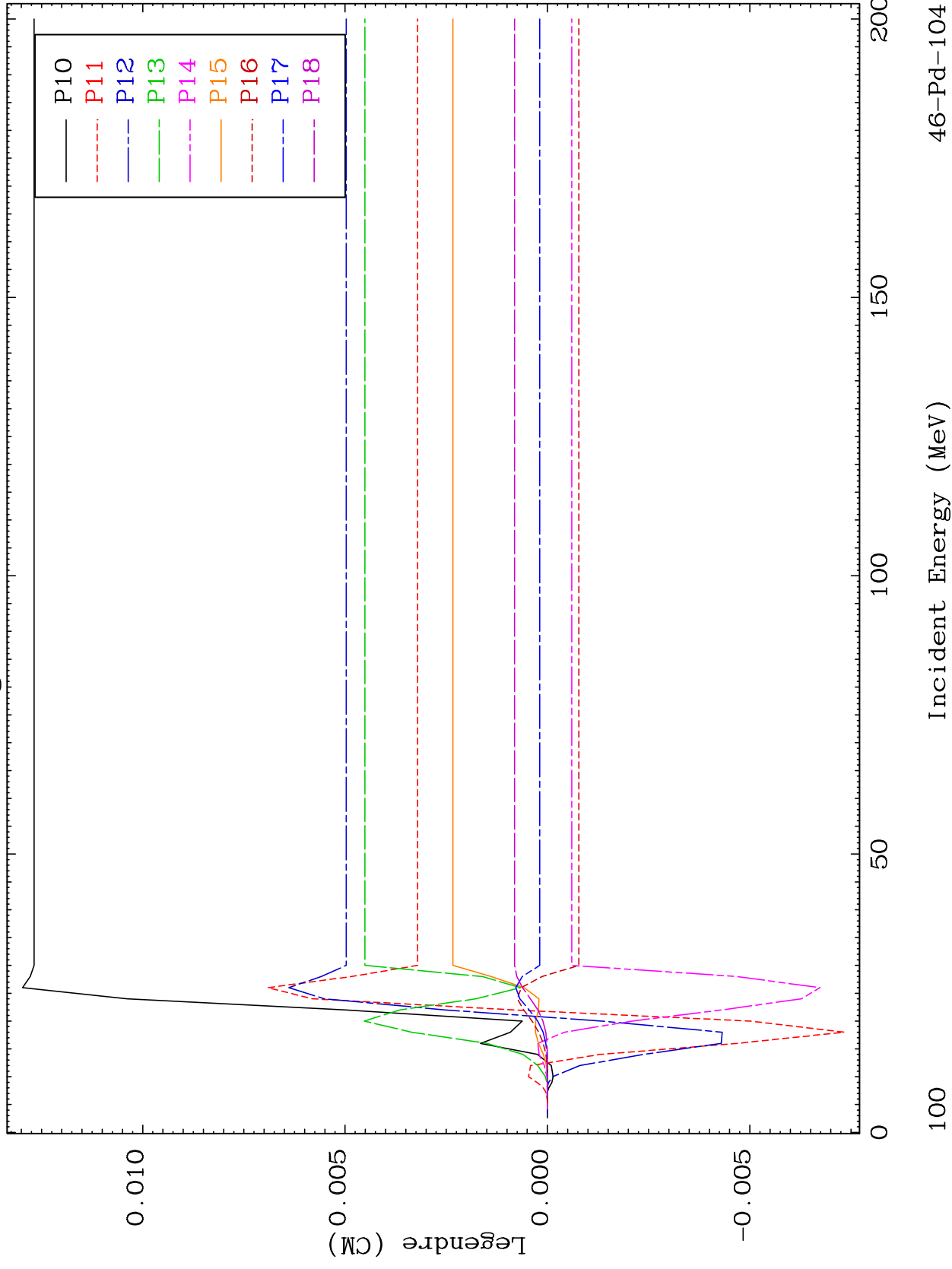
46-Pd-104

MAT 4631

MT= 72 (n,n') Level

46-Pd-104

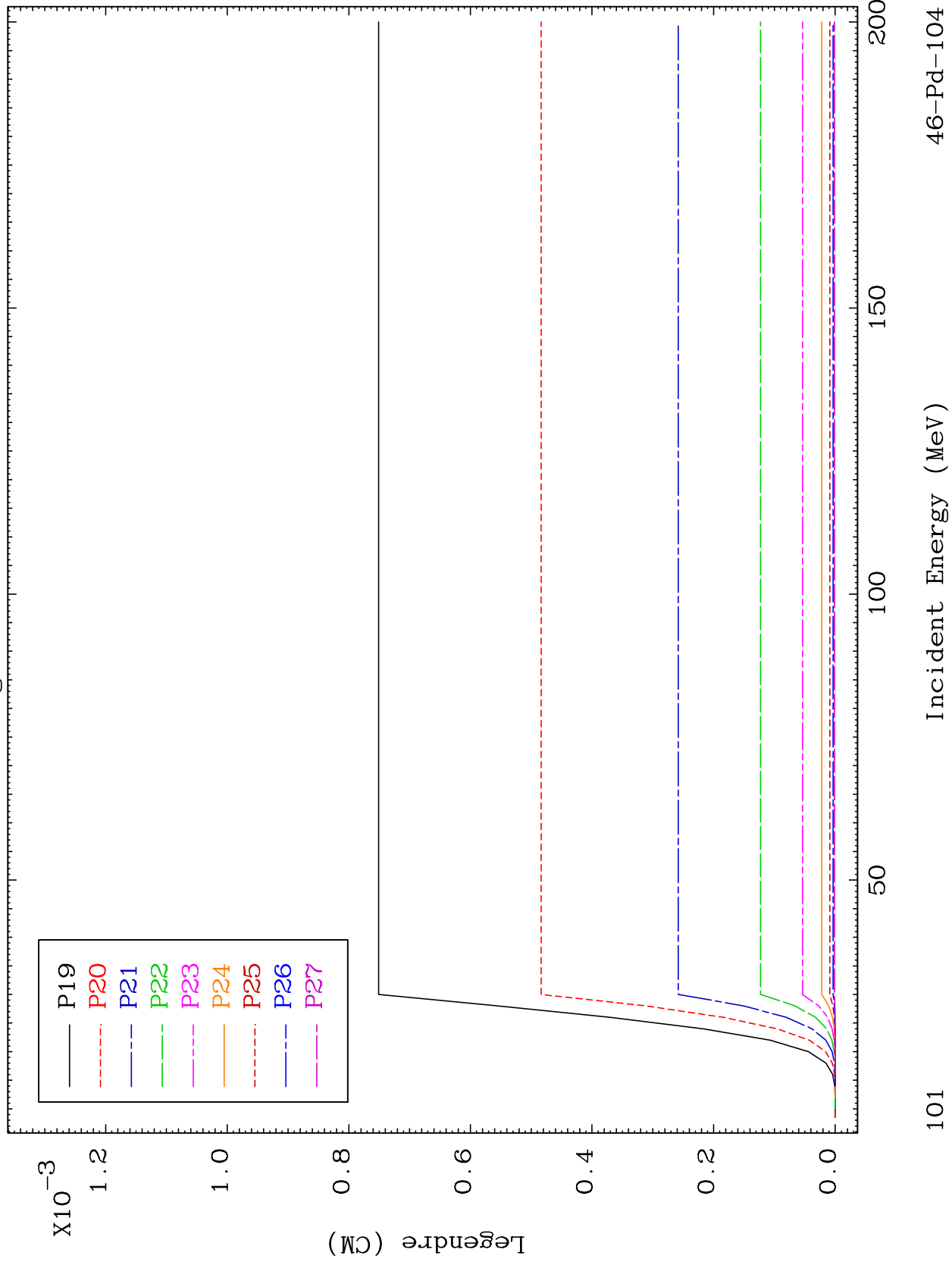
Legendre Coefficients



MAT 4631

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

46-Pd-104

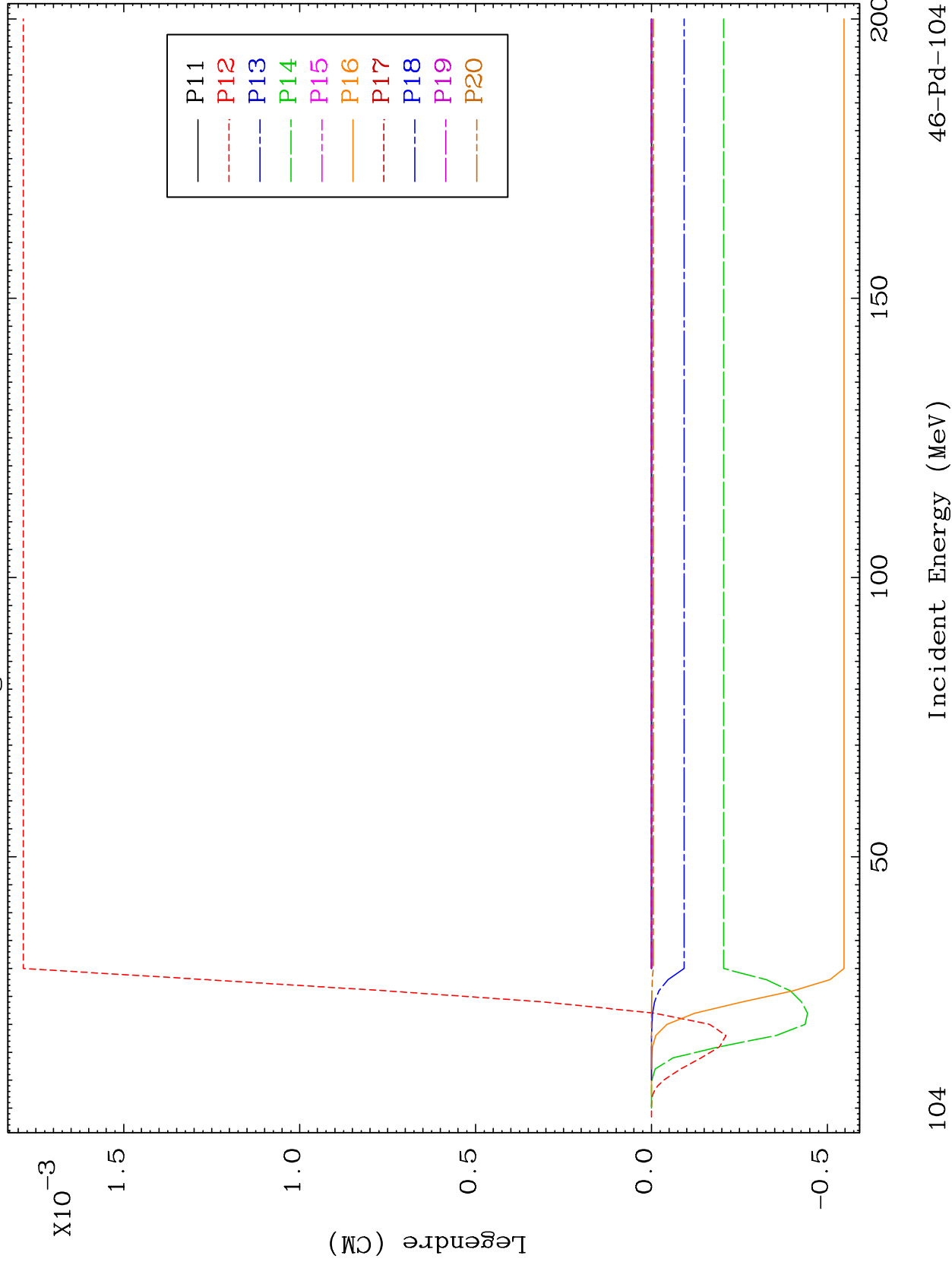


101

MAT 4631

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

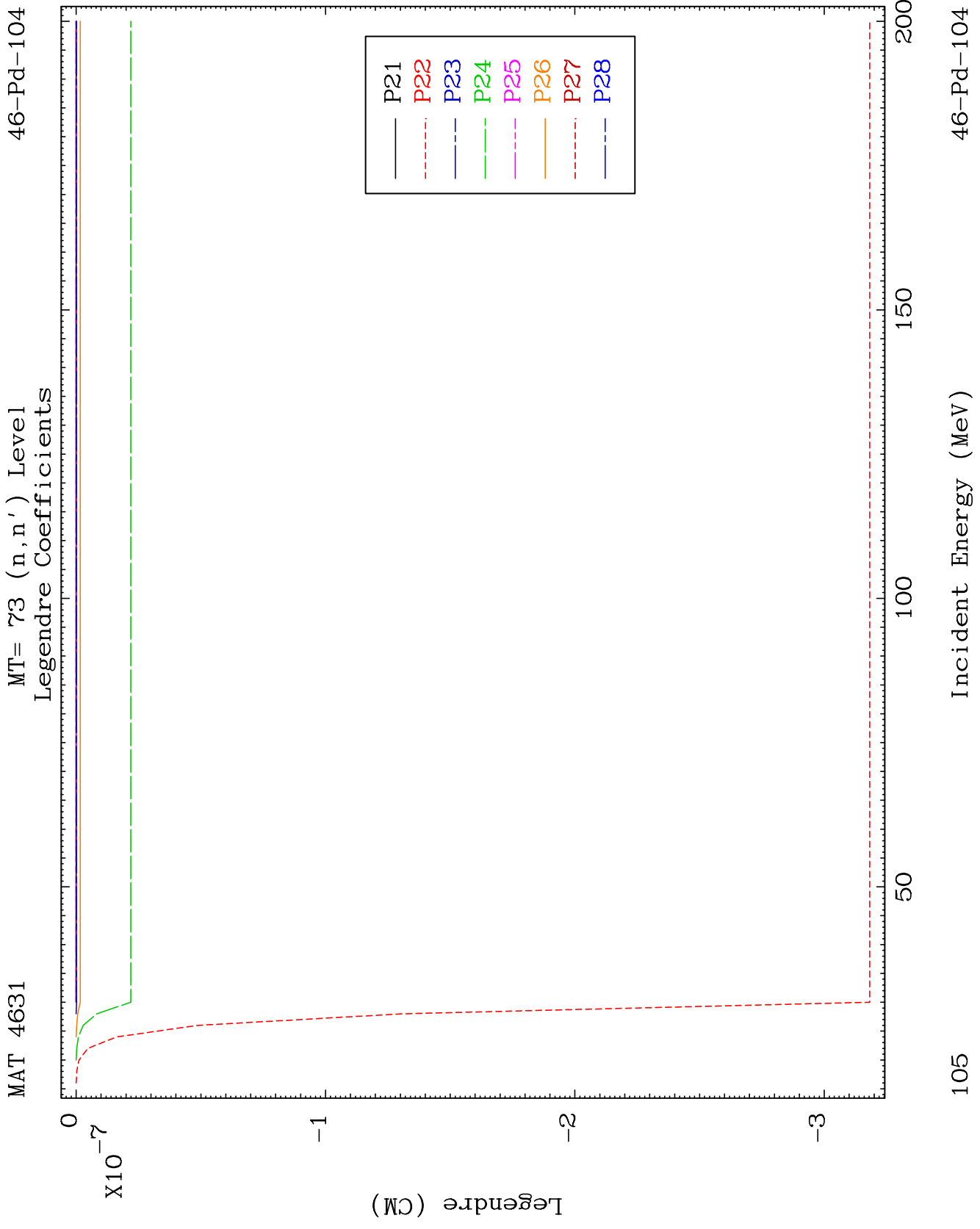
46-Pd-104



104

Incident Energy (MeV)

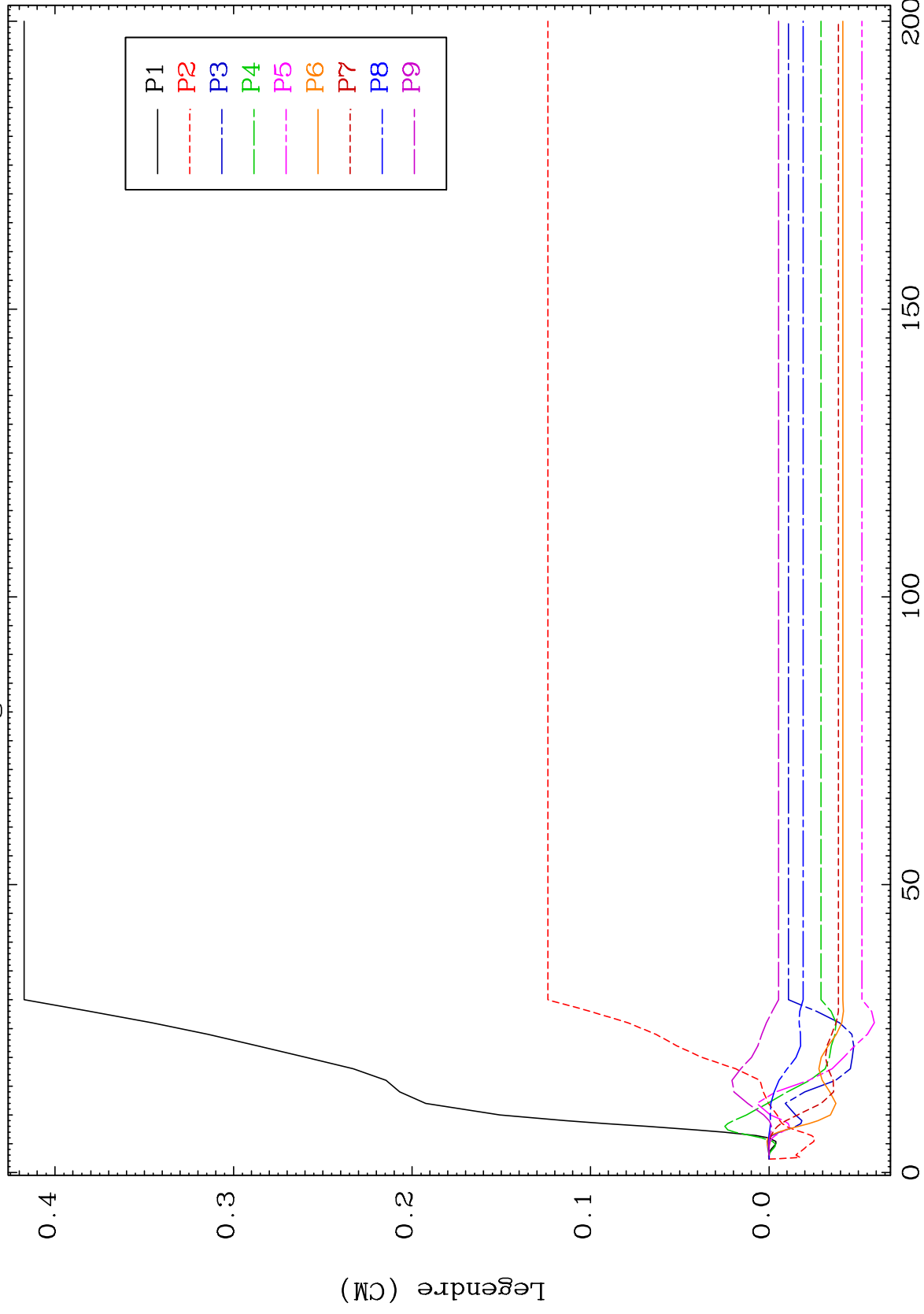
46-Pd-104



MAT 4631

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

46-Pd-104



106

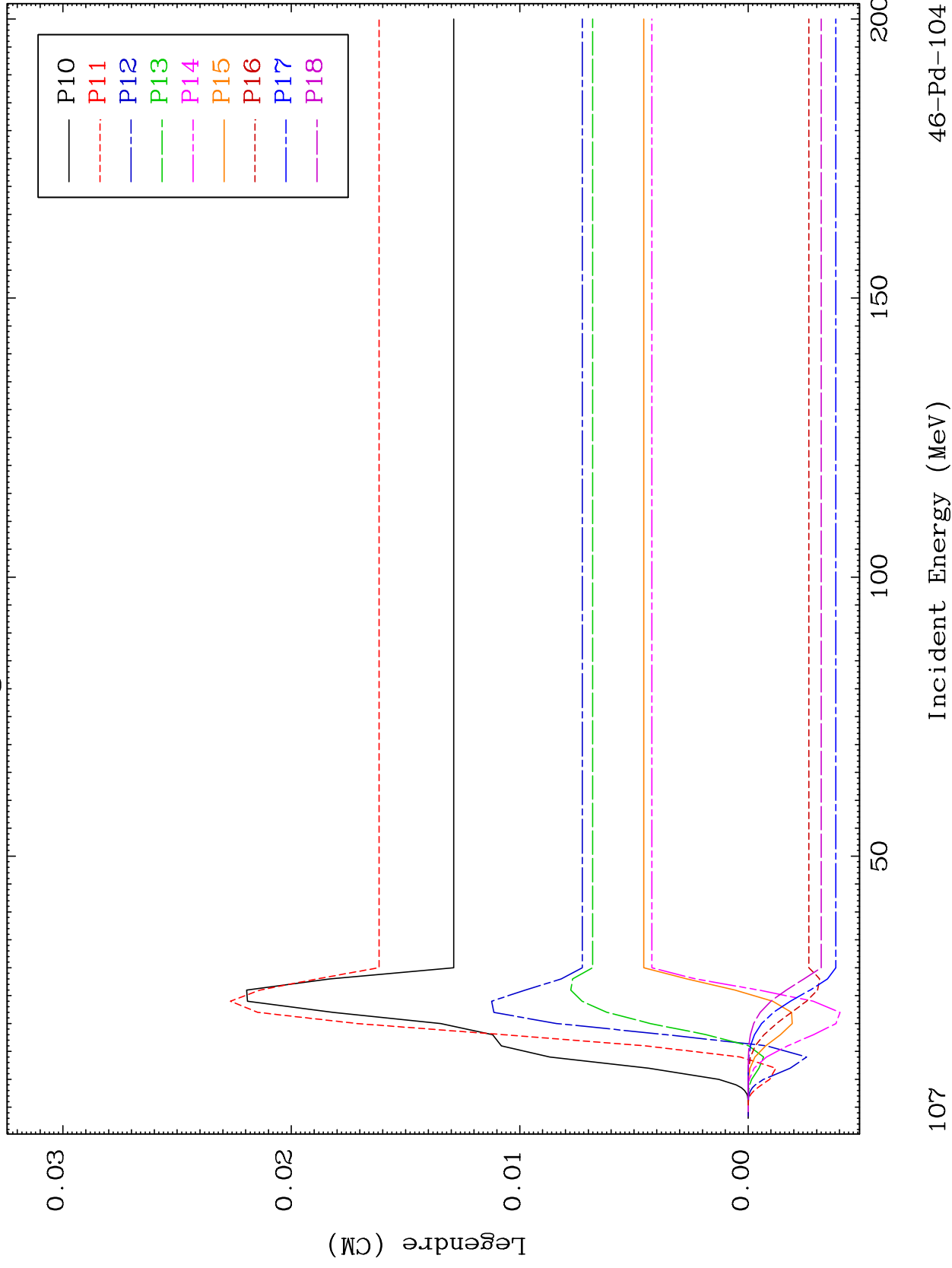
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

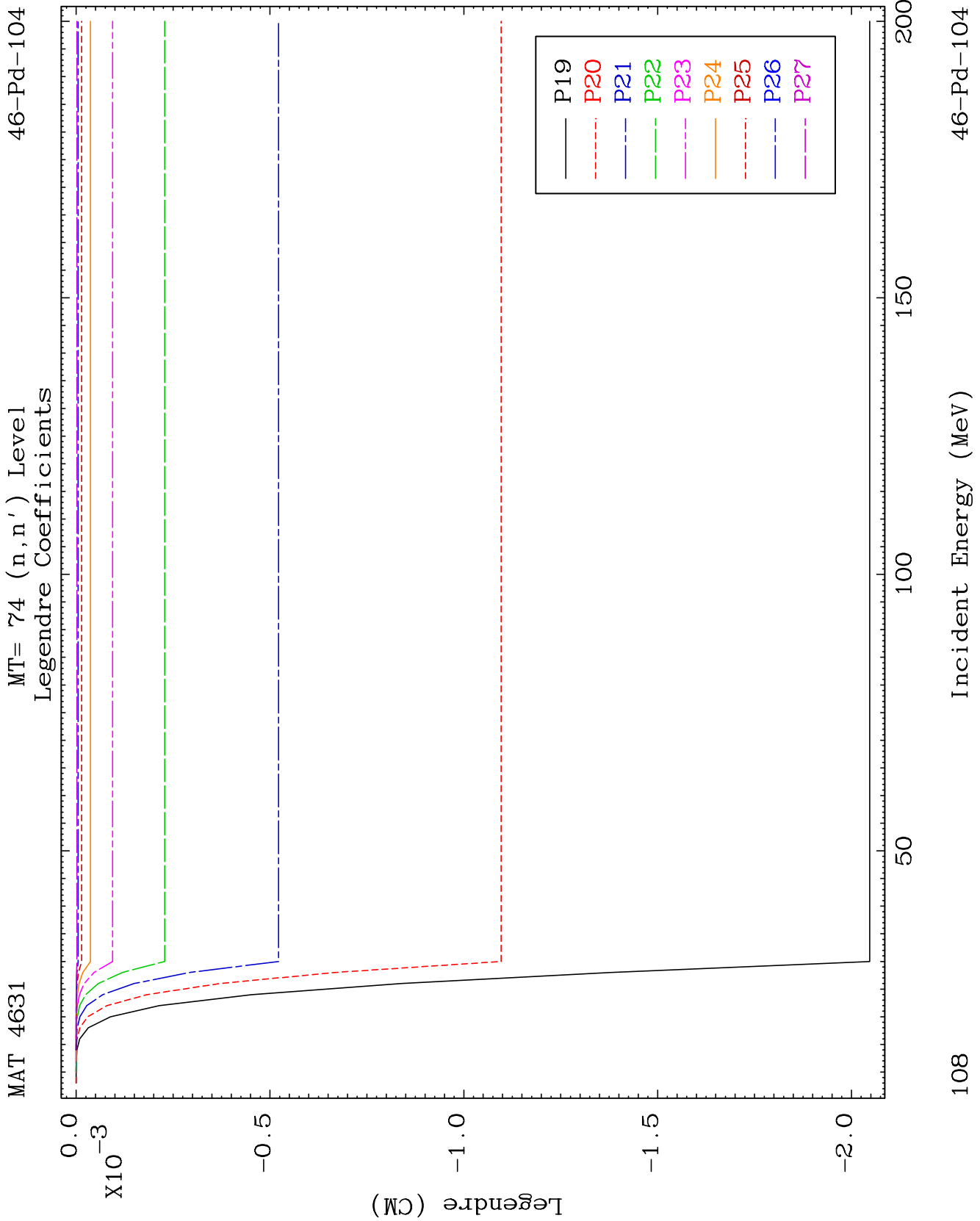
46-Pd-104

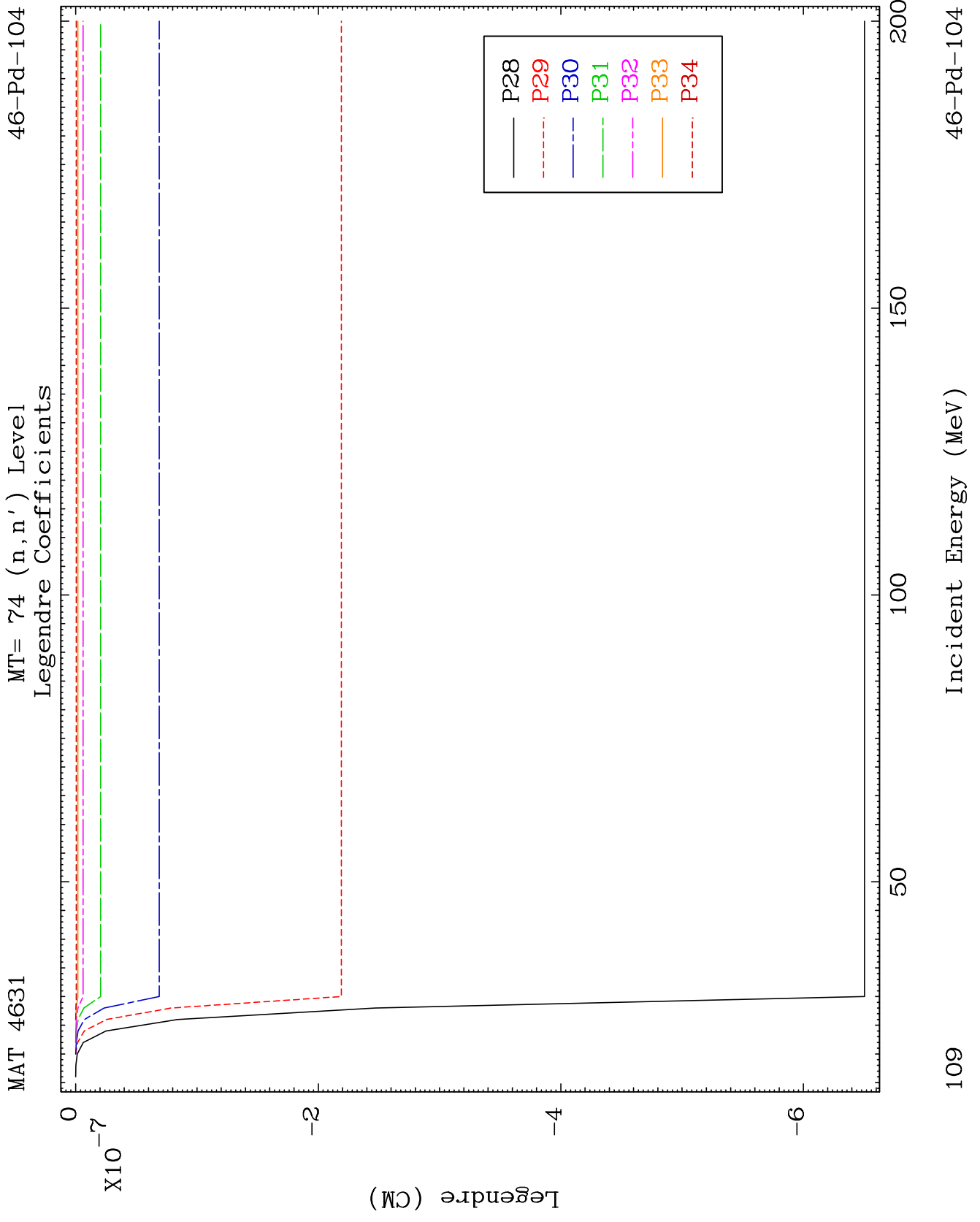


107

Incident Energy (MeV)

46-Pd-104

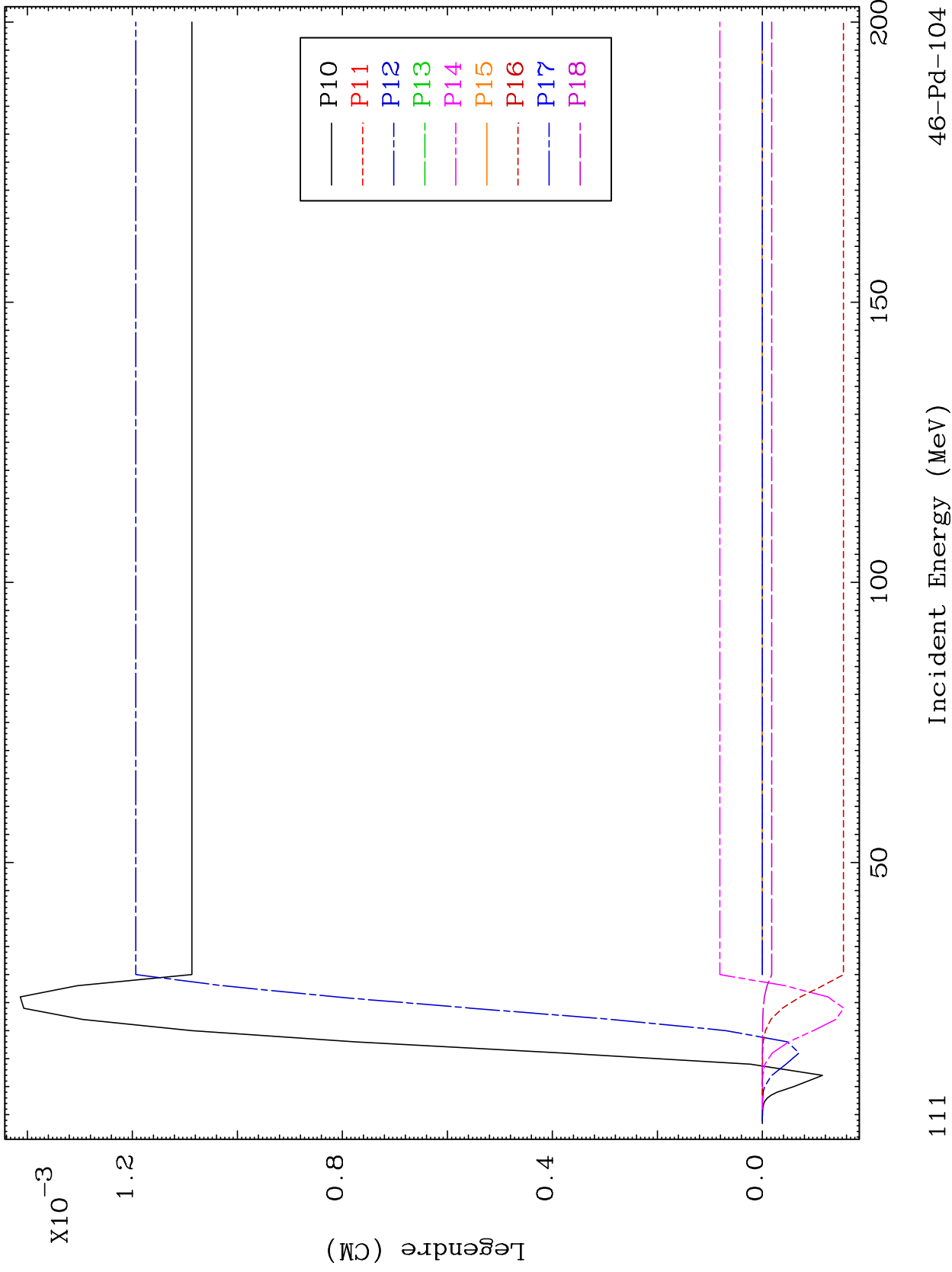


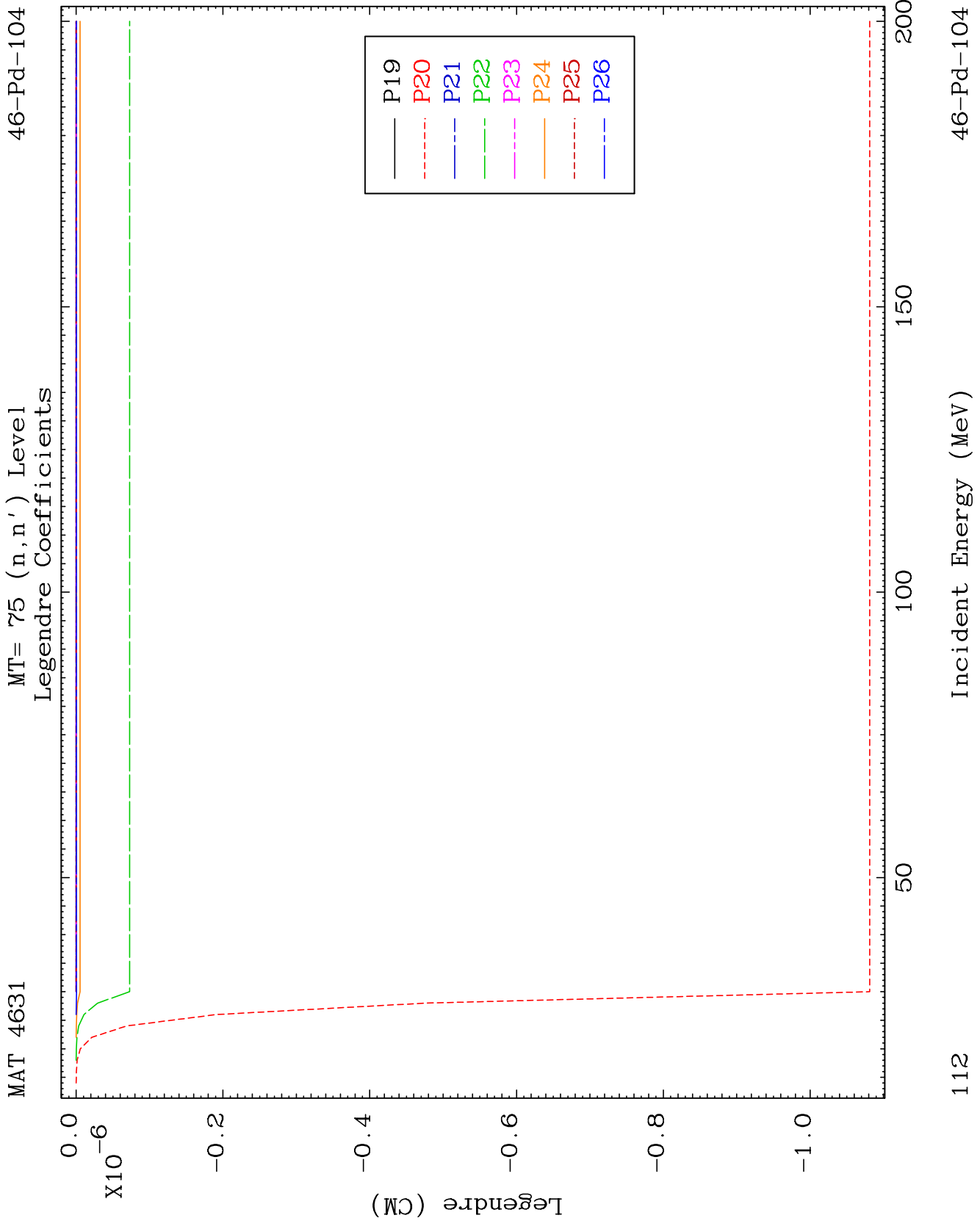


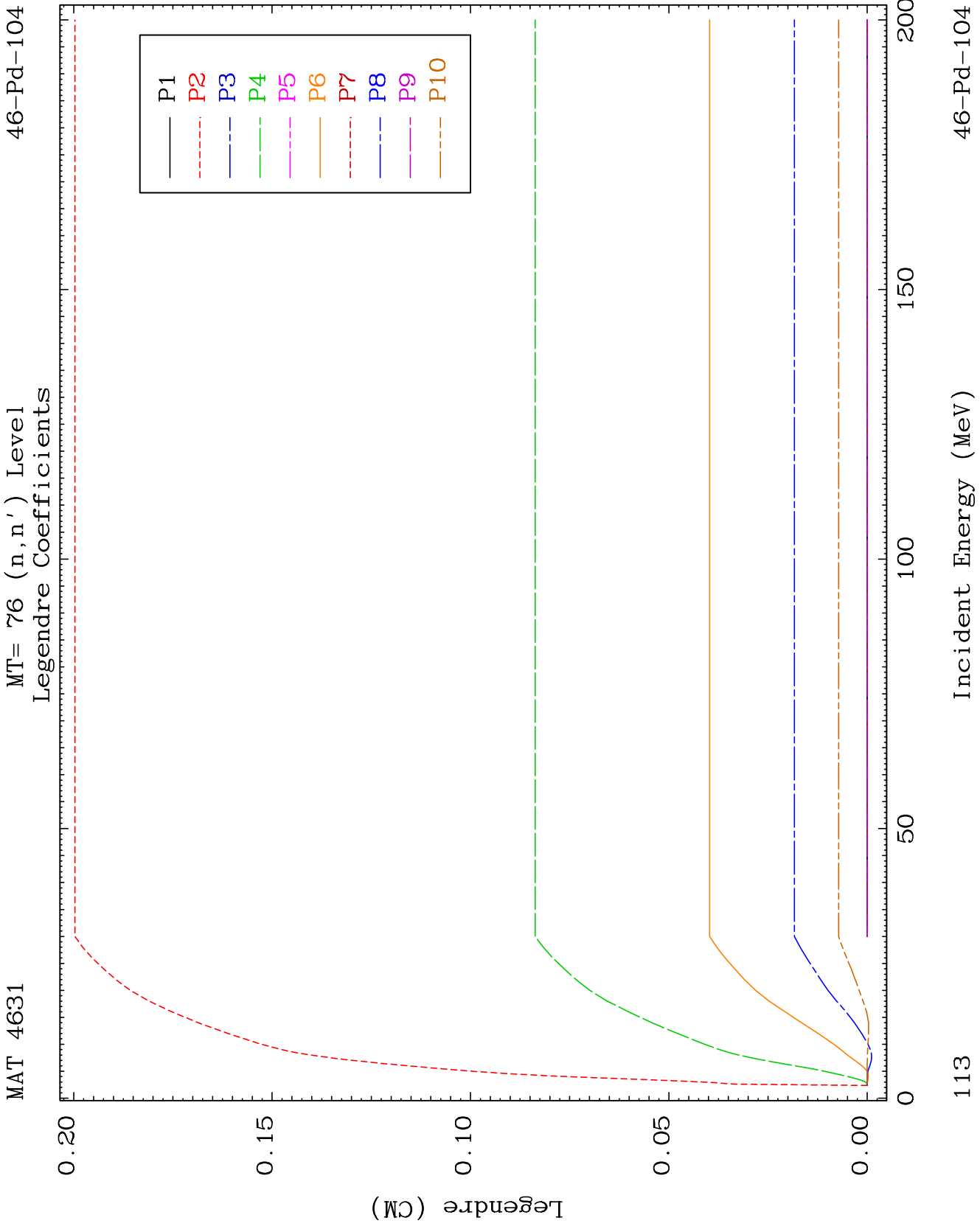
MAT 4631

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

46-Pd-104



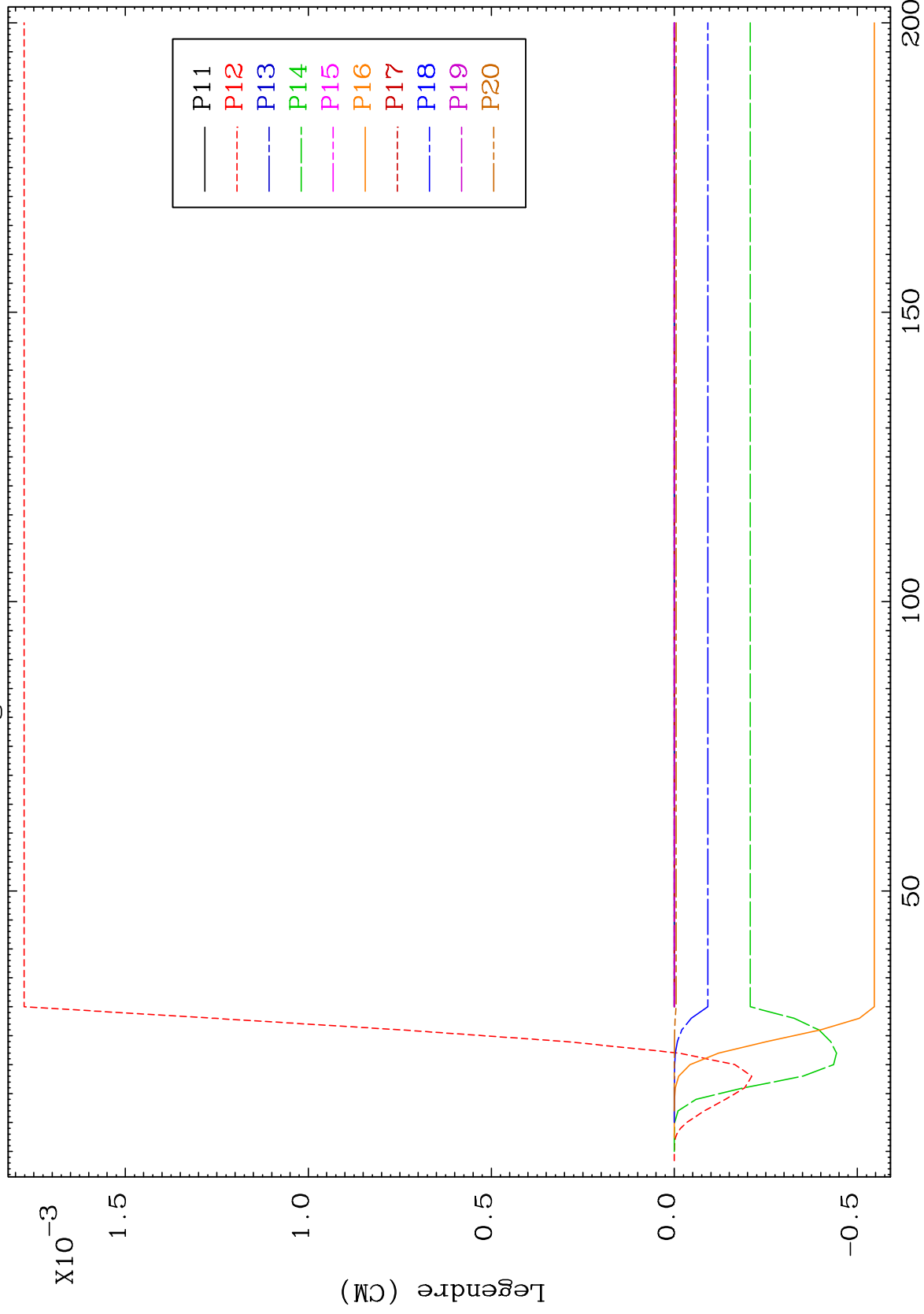




MAT 4631

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

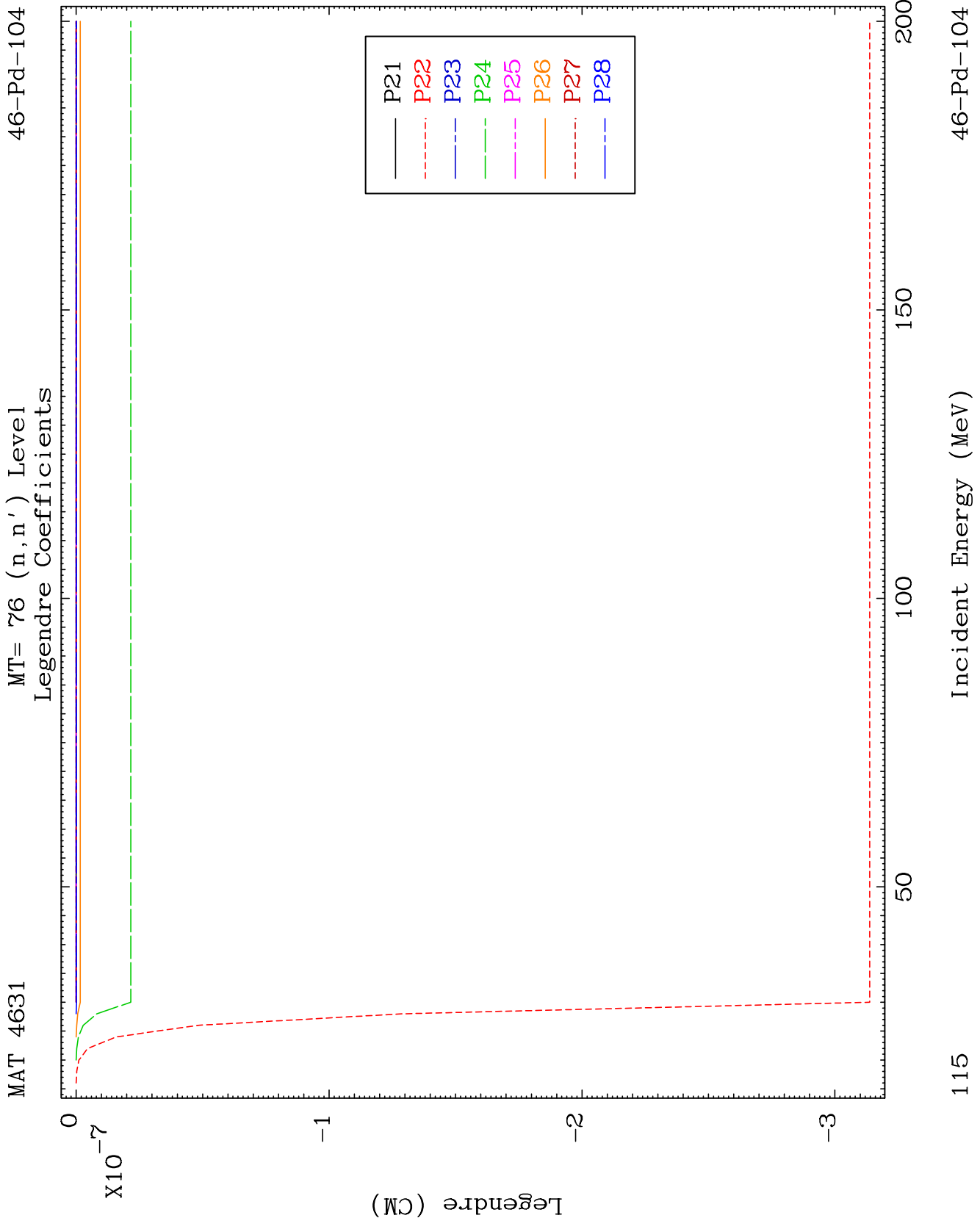
46-Pd-104



114

Incident Energy (MeV)

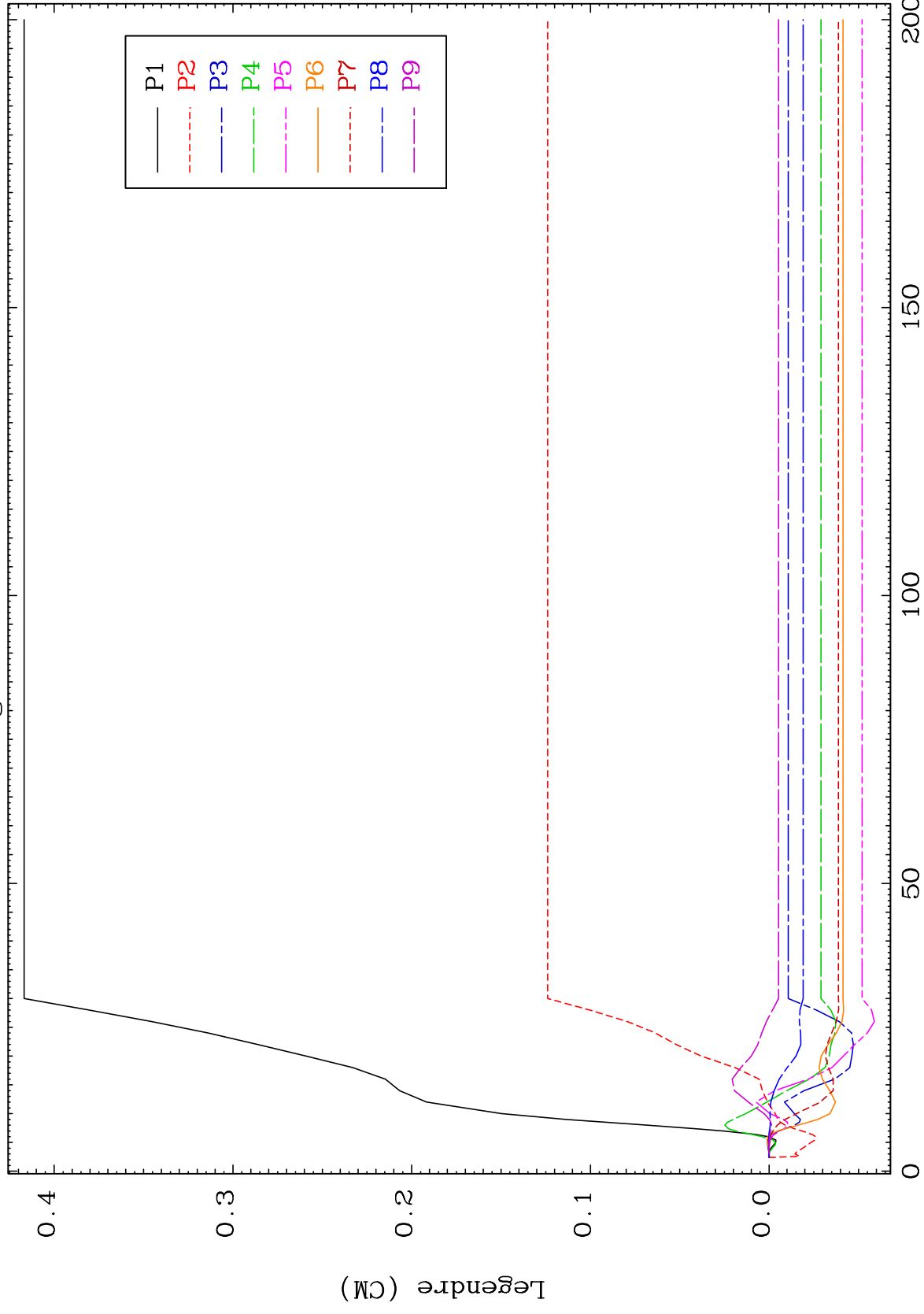
46-Pd-104



MAT 4631

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

46-Pd-104



116

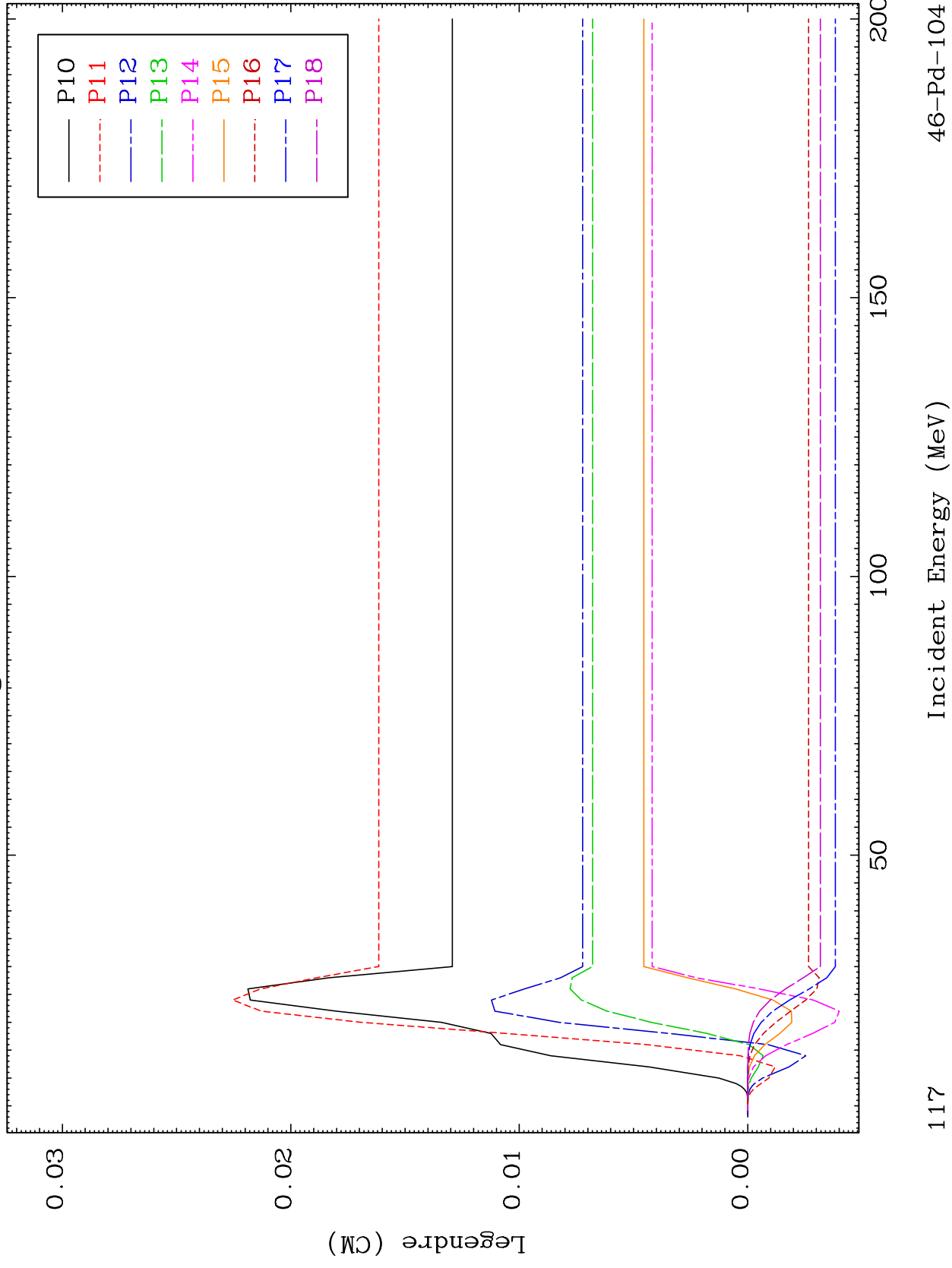
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

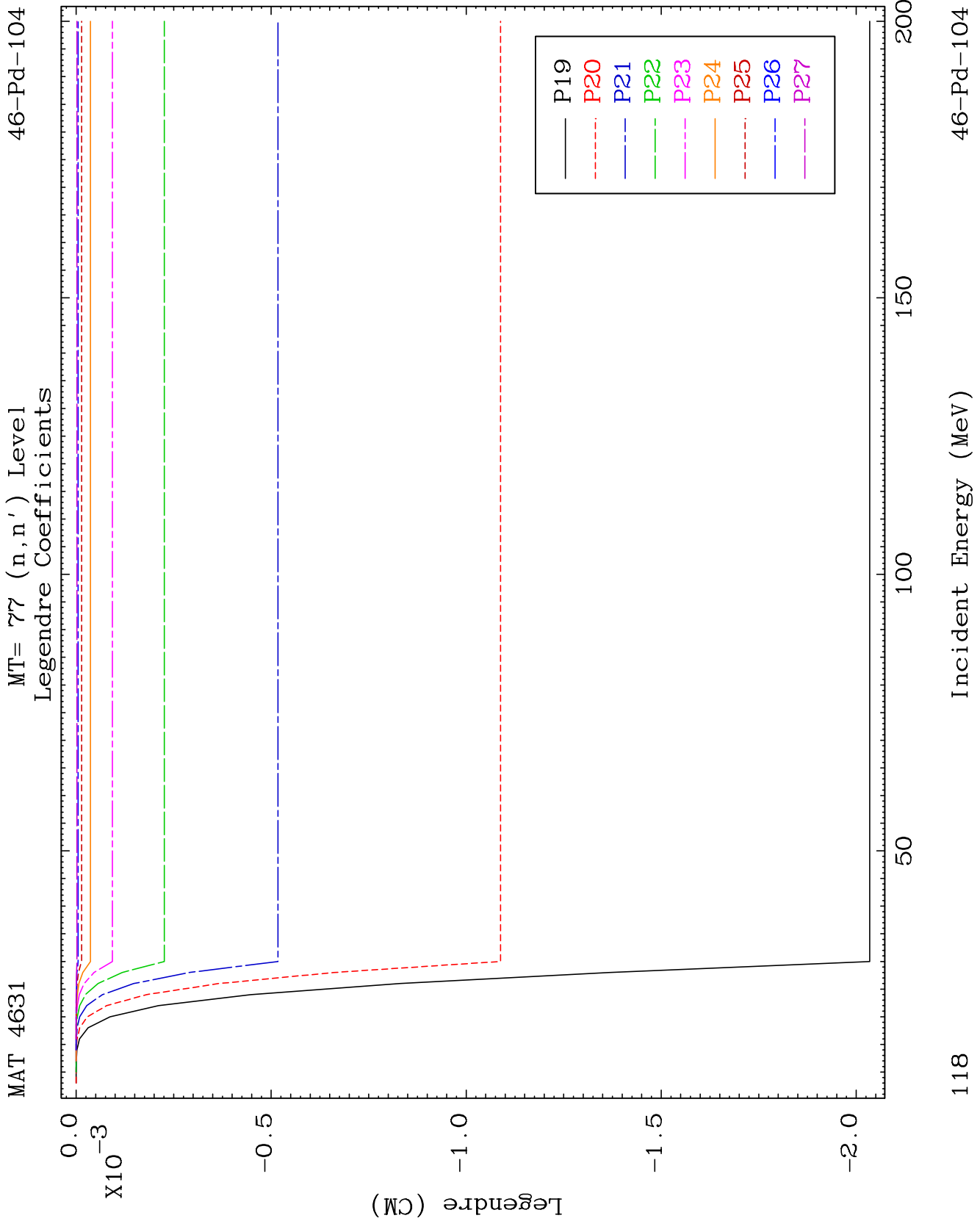
46-Pd-104

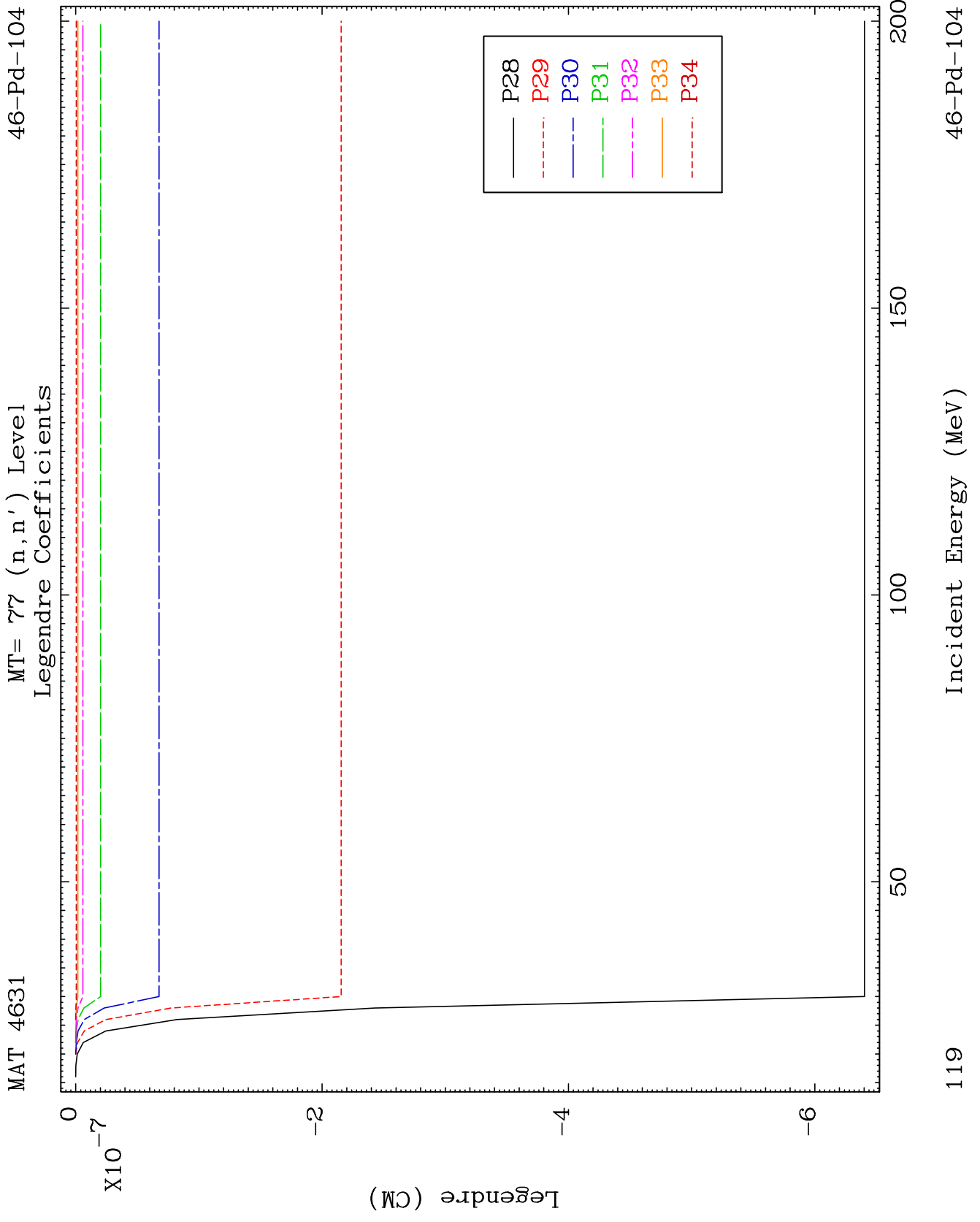


117

Incident Energy (MeV)

46-Pd-104

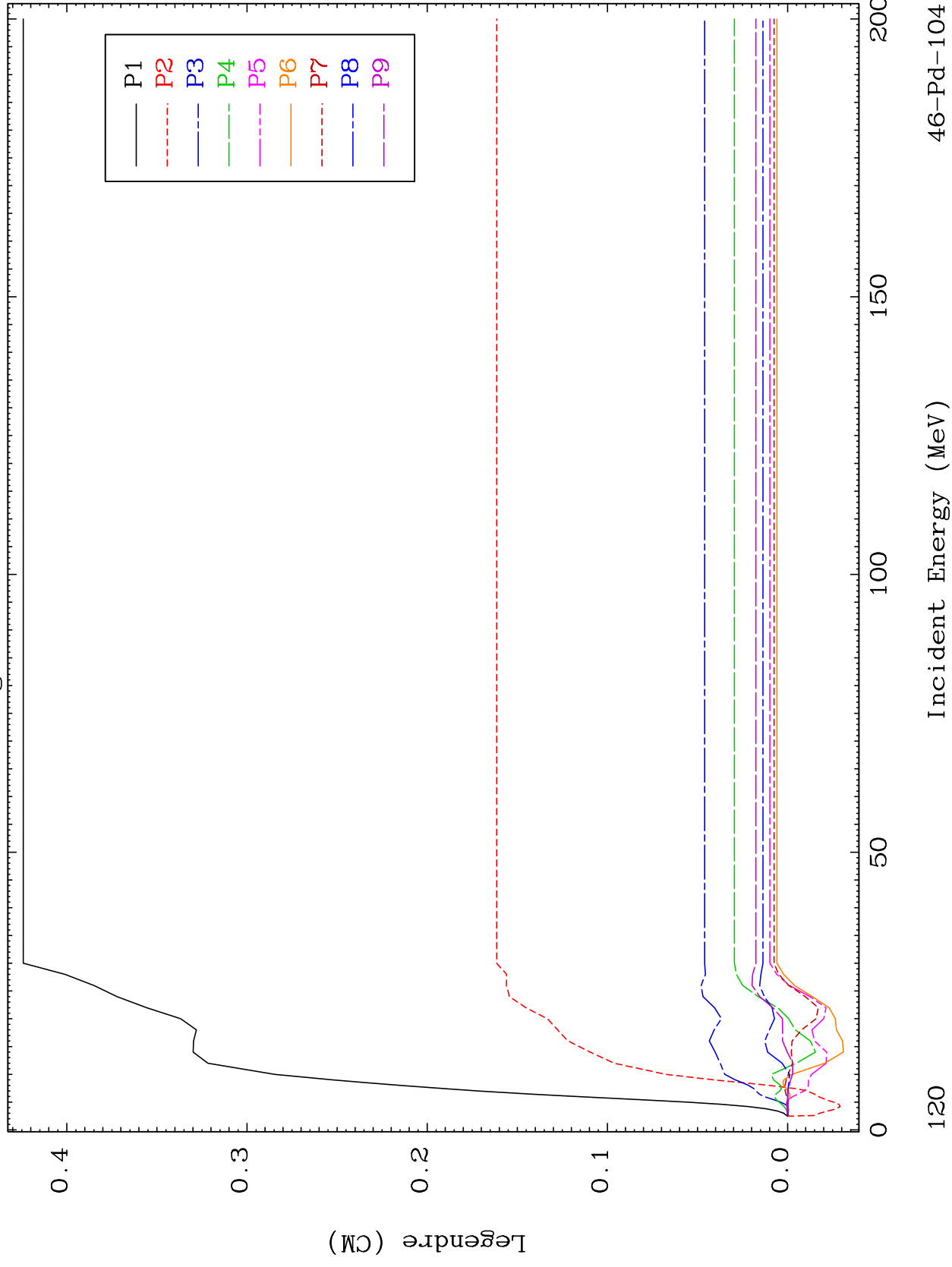




MAT 4631

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

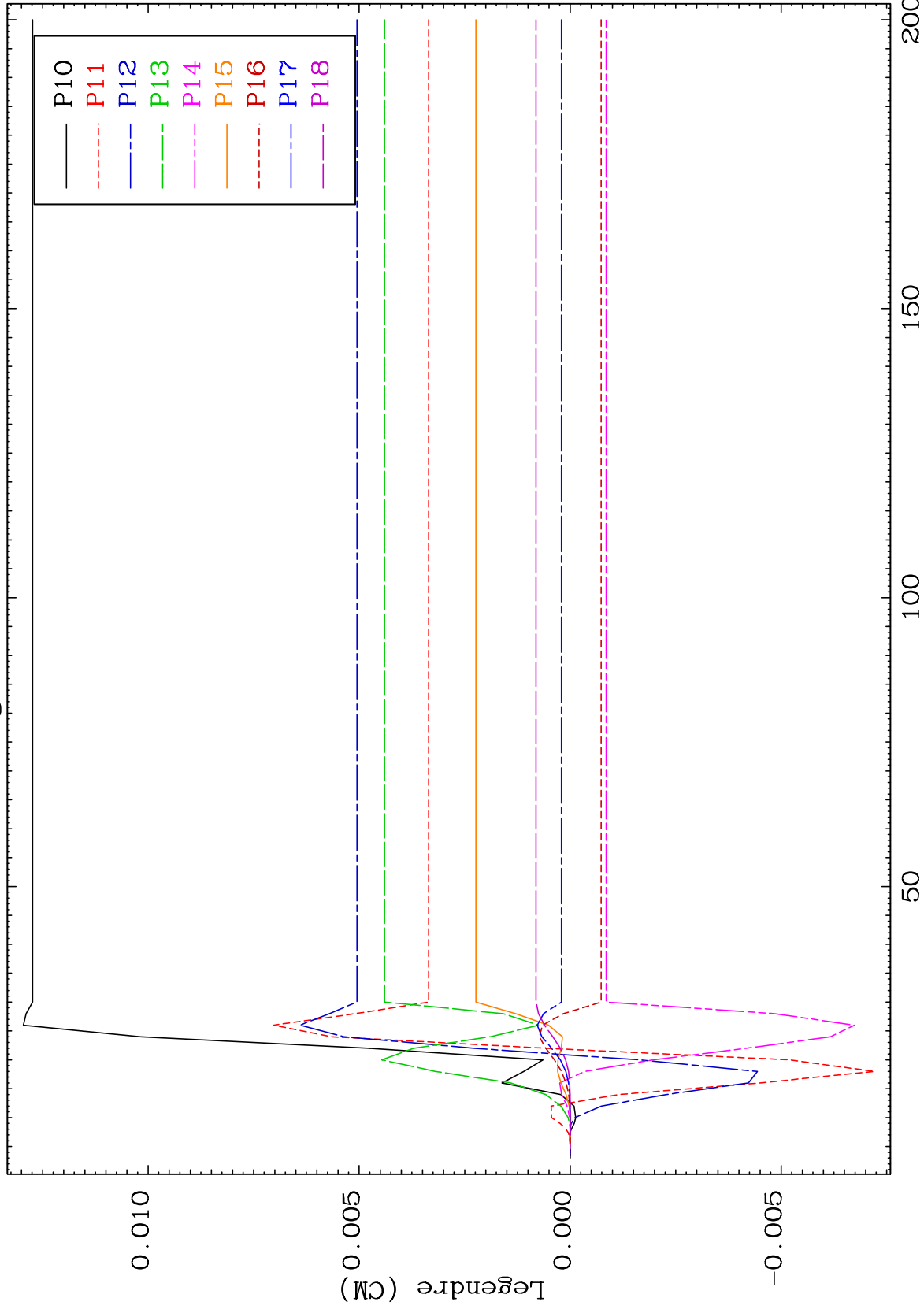
46-Pd-104



MAT 4631

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

46-Pd-104



121

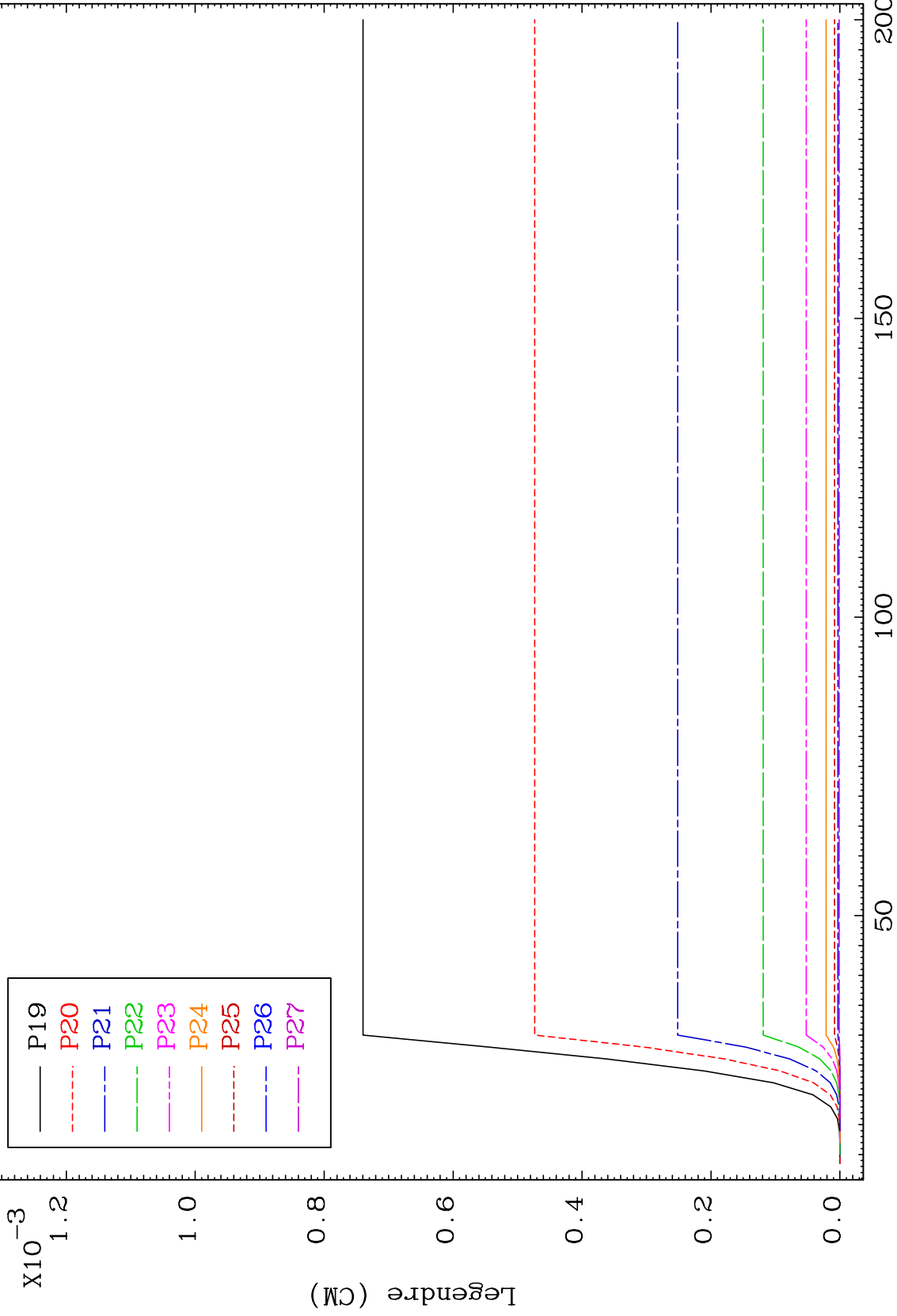
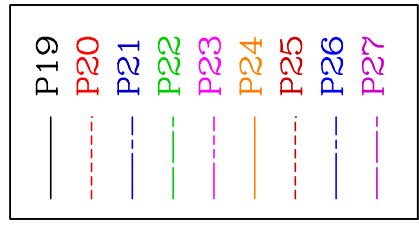
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



122

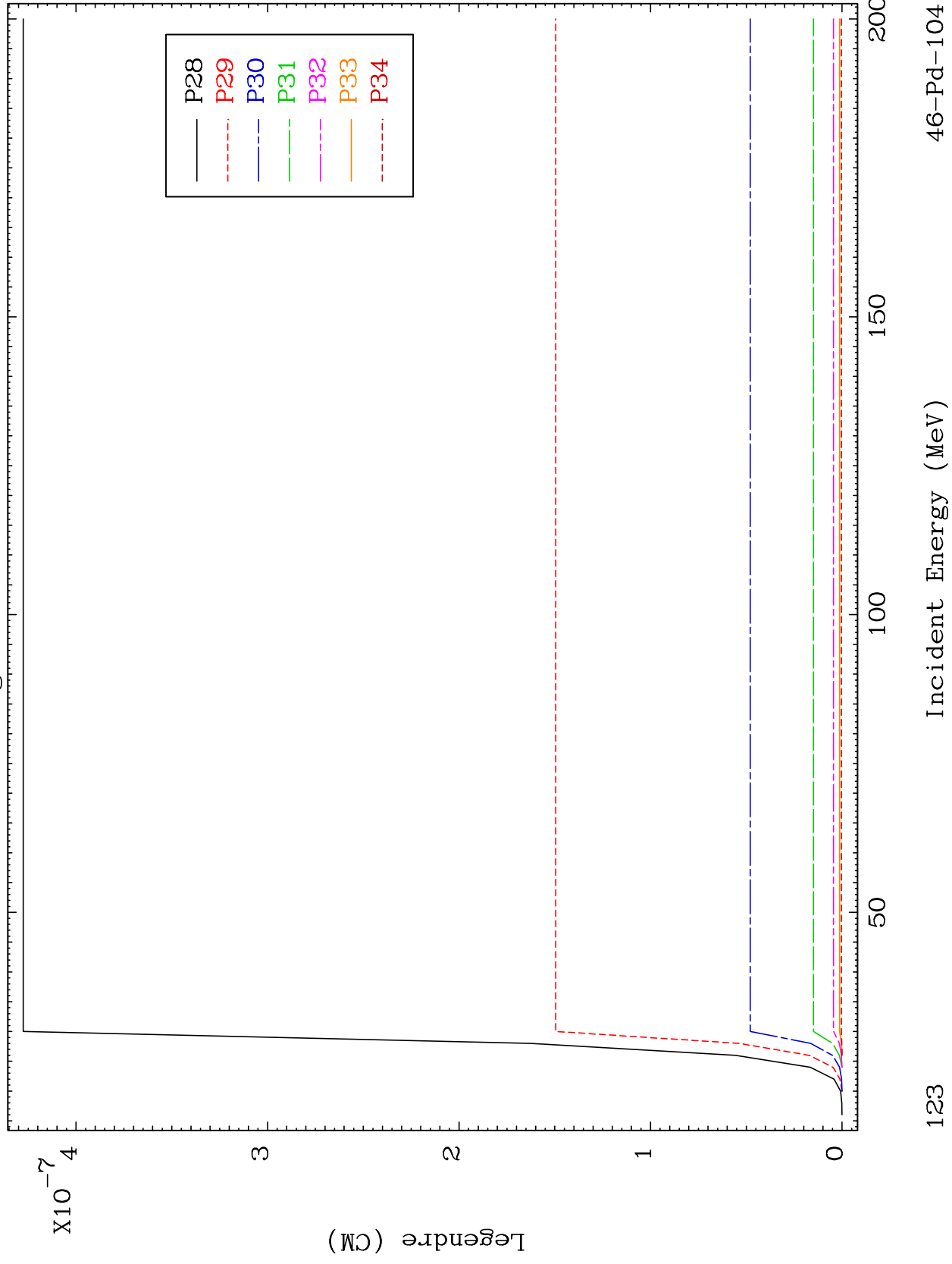
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104

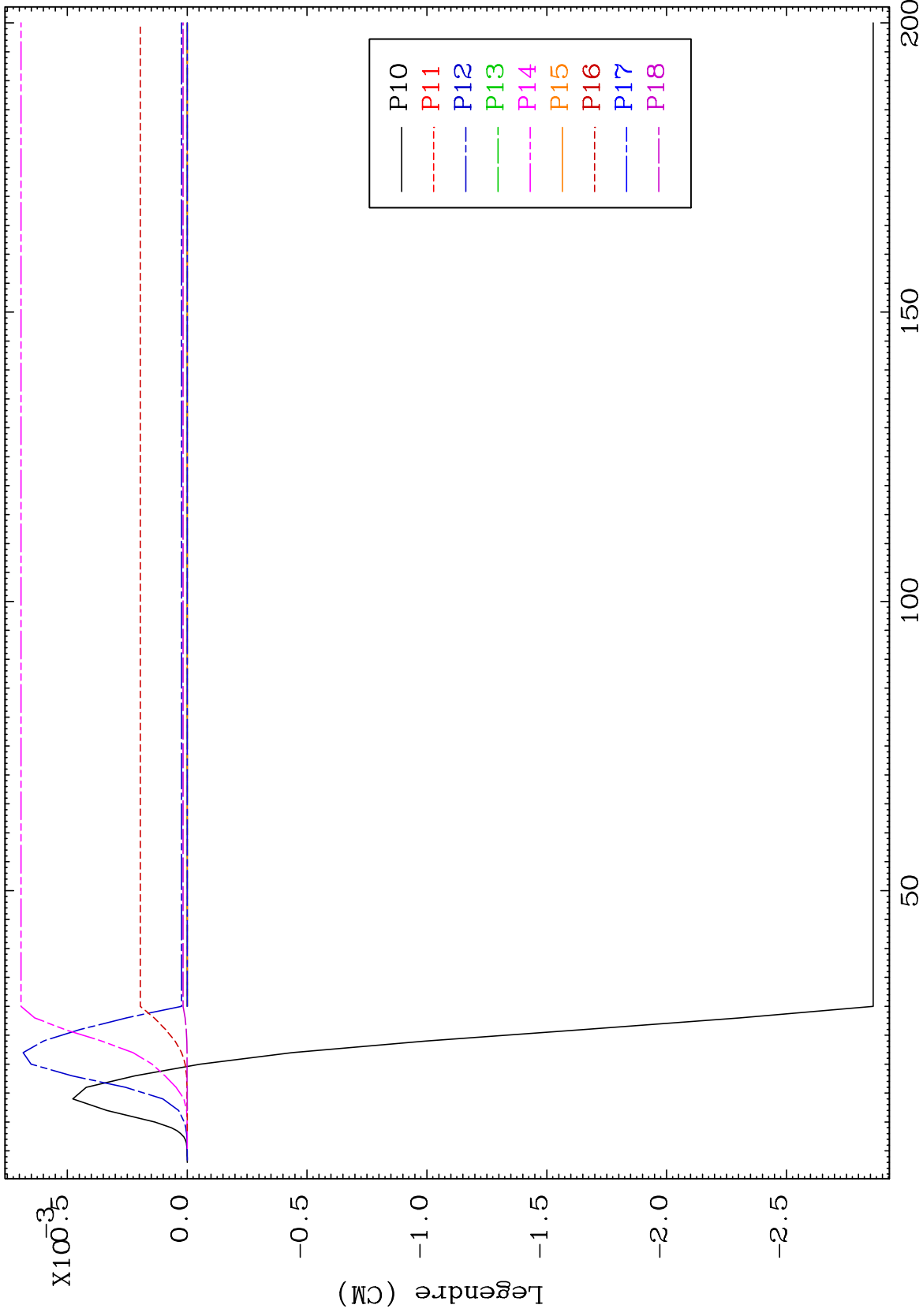


123

MAT 4631

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

46-Pd-104



125

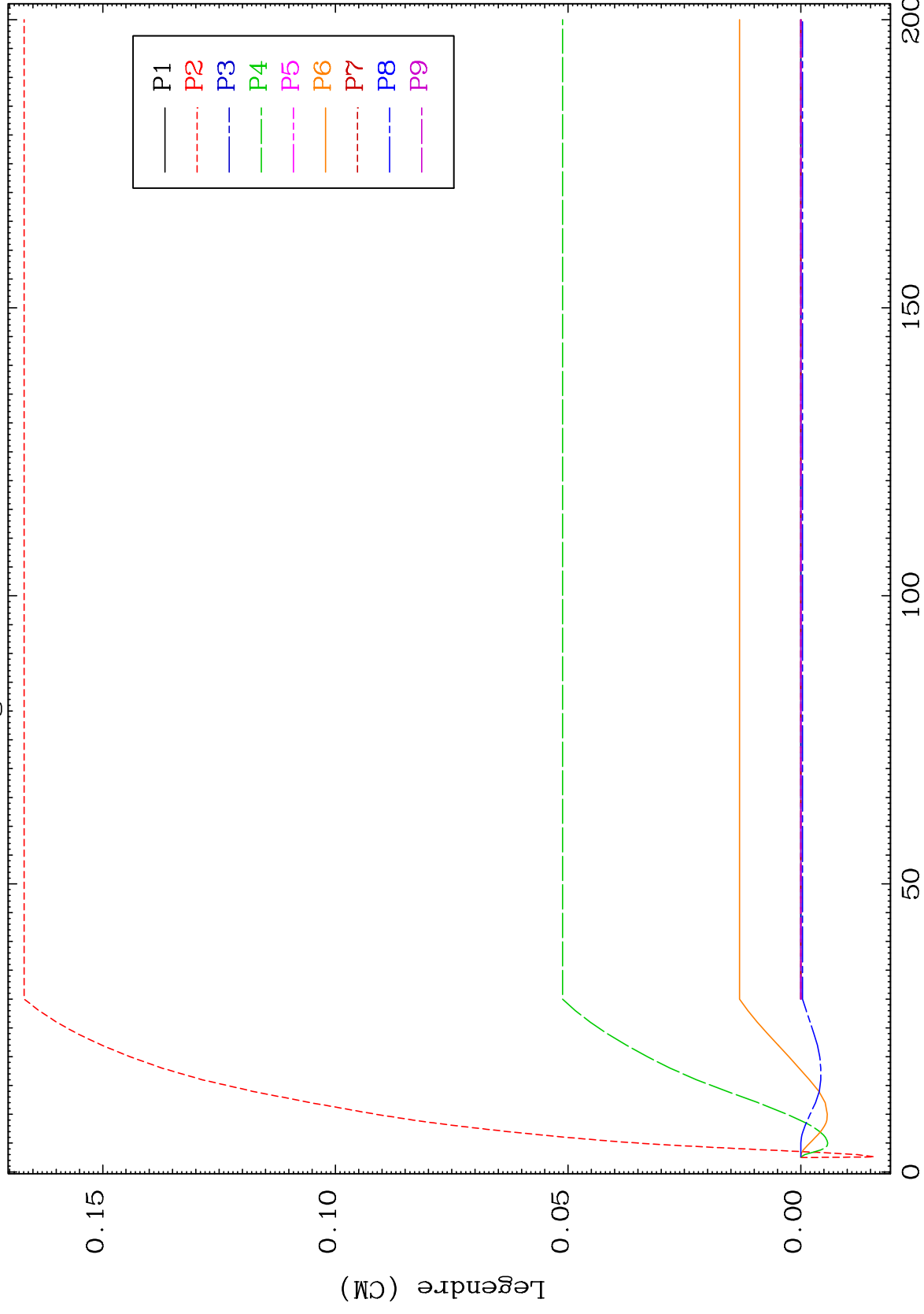
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

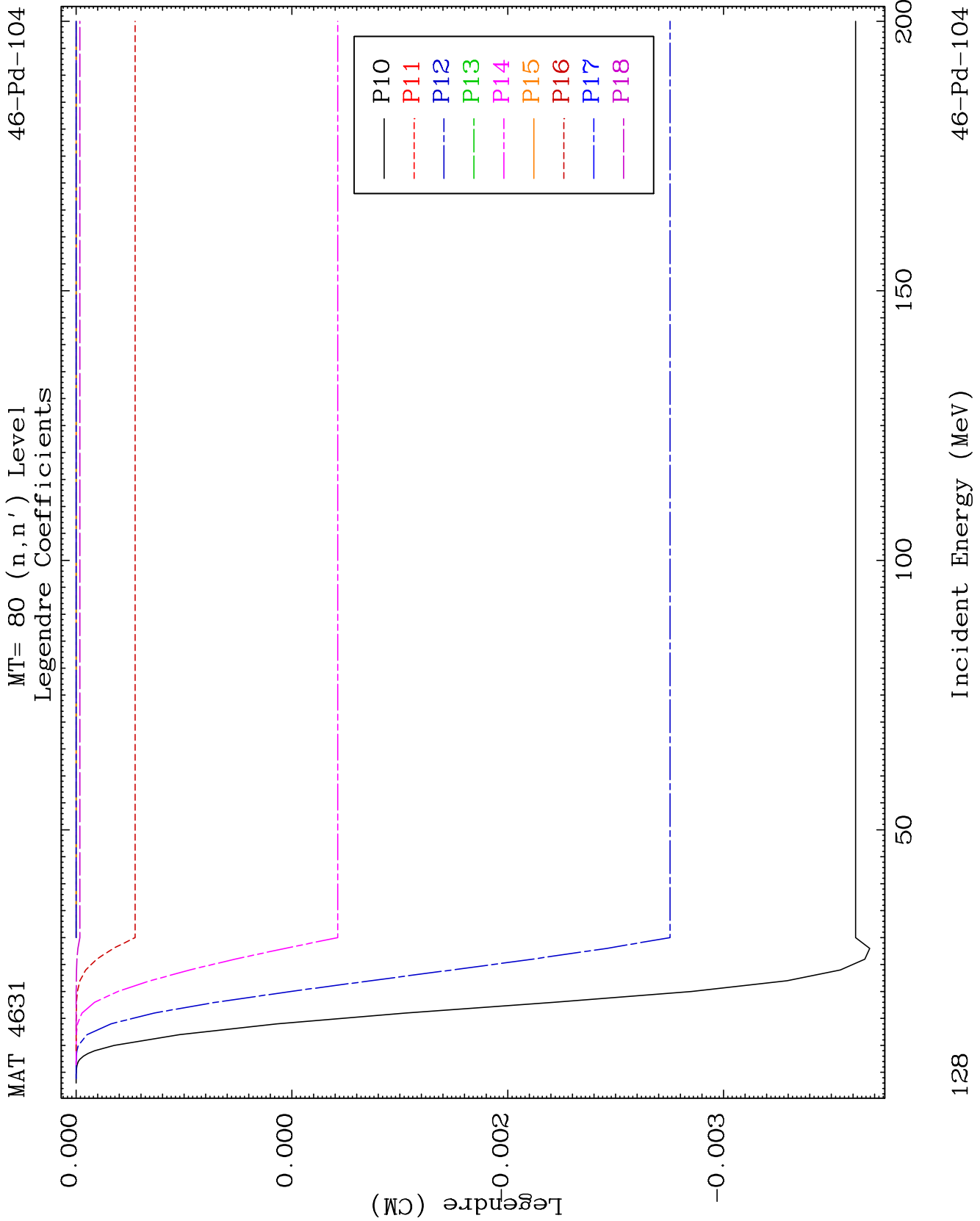
46-Pd-104

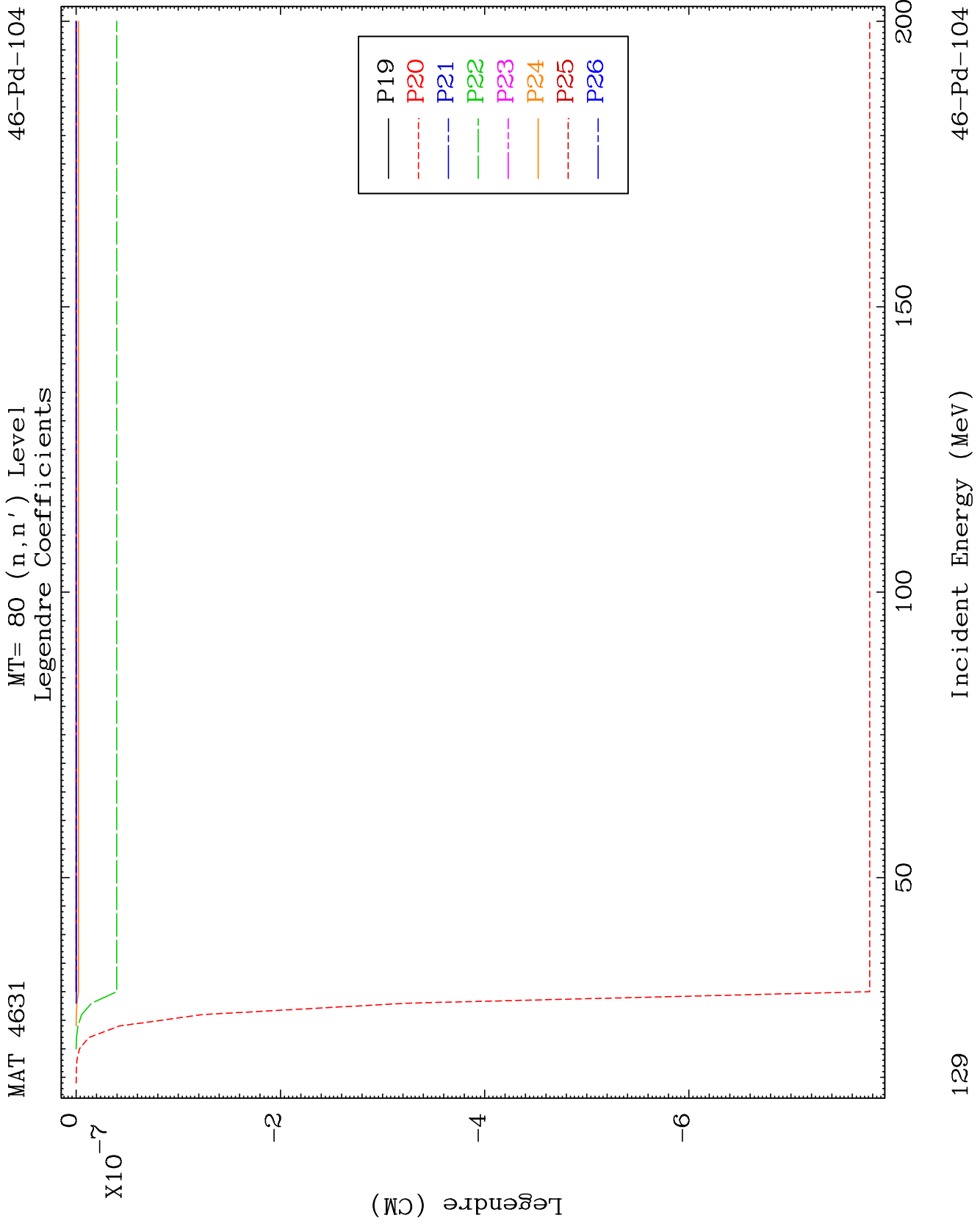


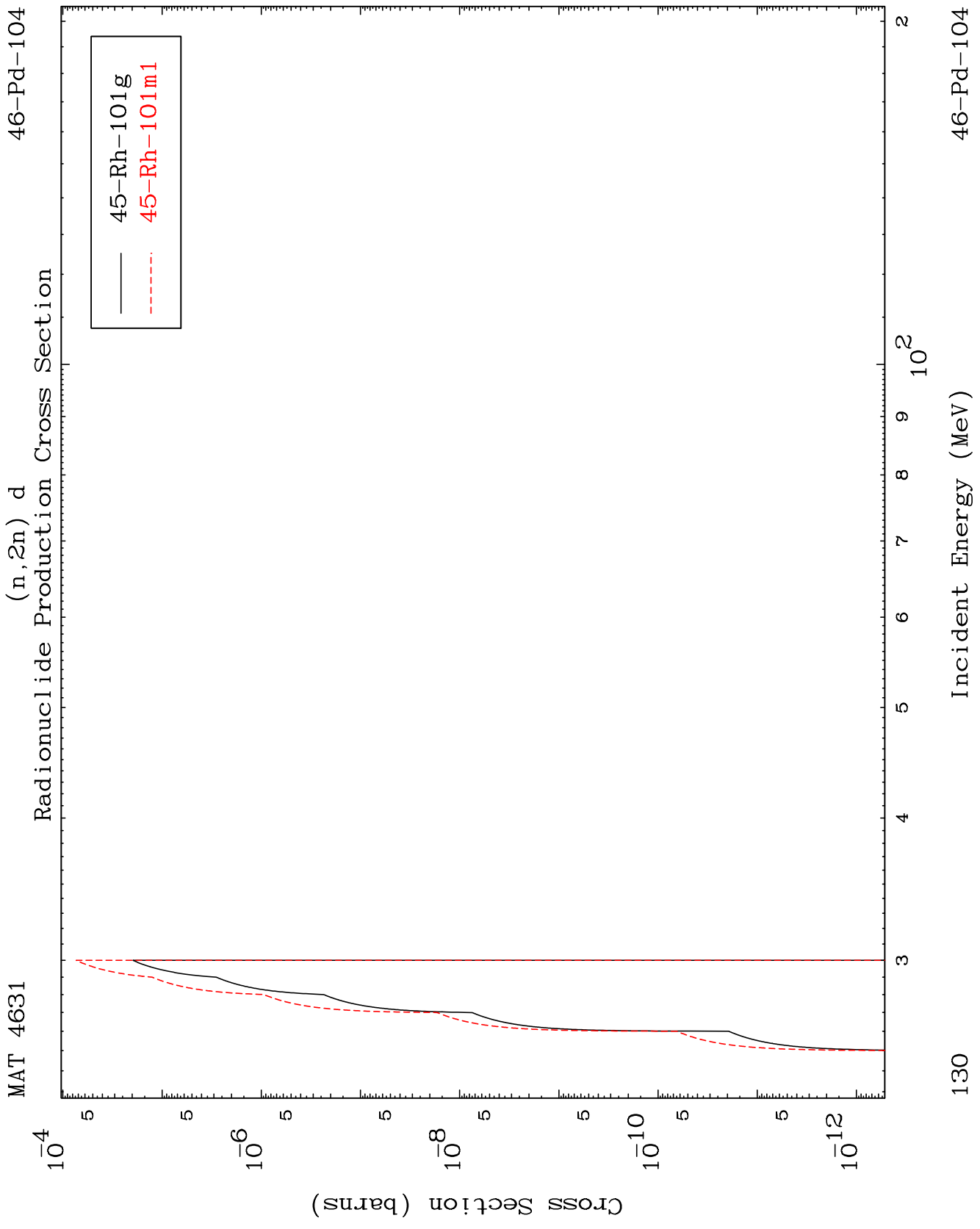
127

Incident Energy (MeV)

46-Pd-104





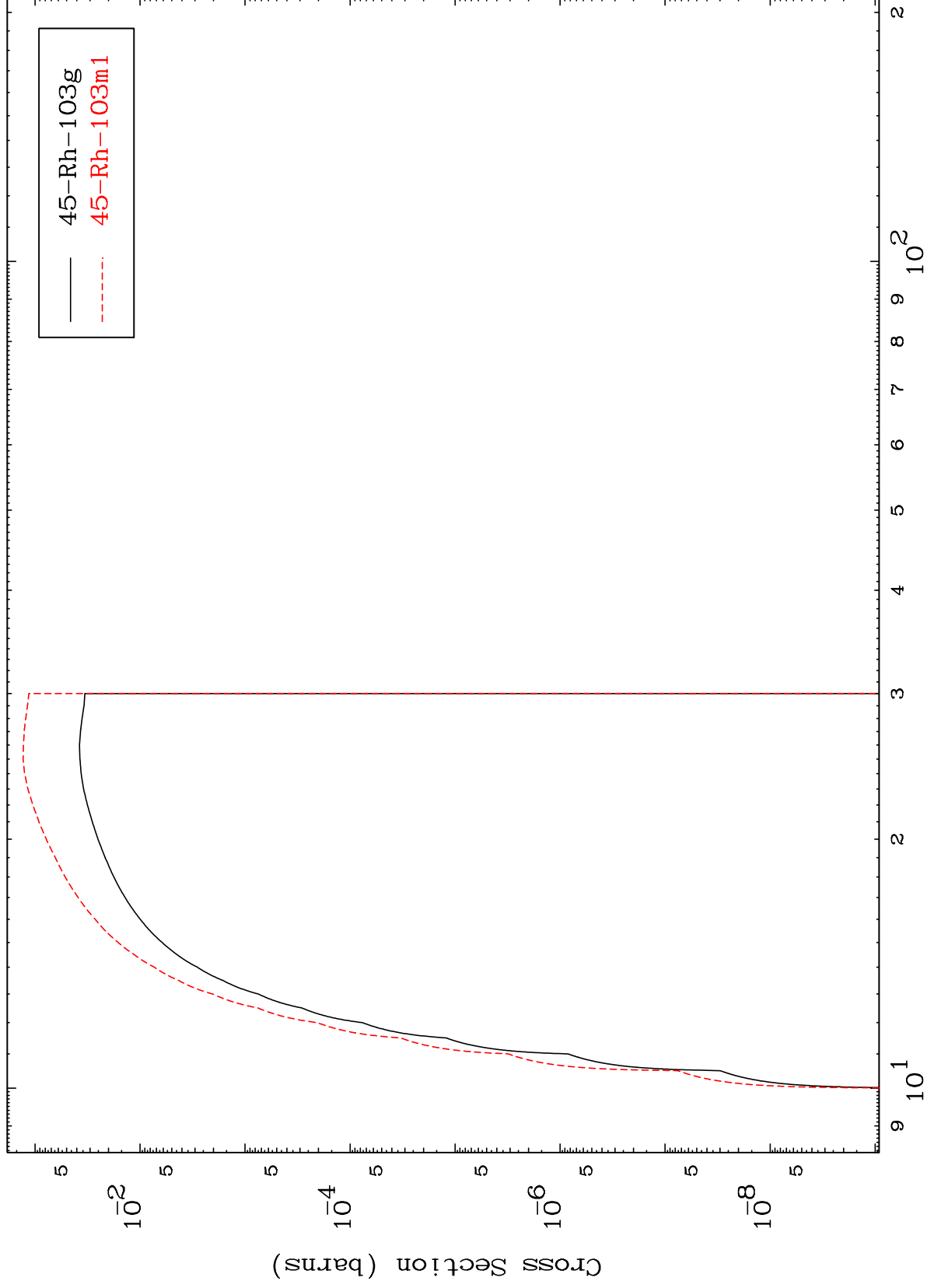


MAT 4631

(n,n') p

46-Pd-104

Radionuclide Production Cross Section



131

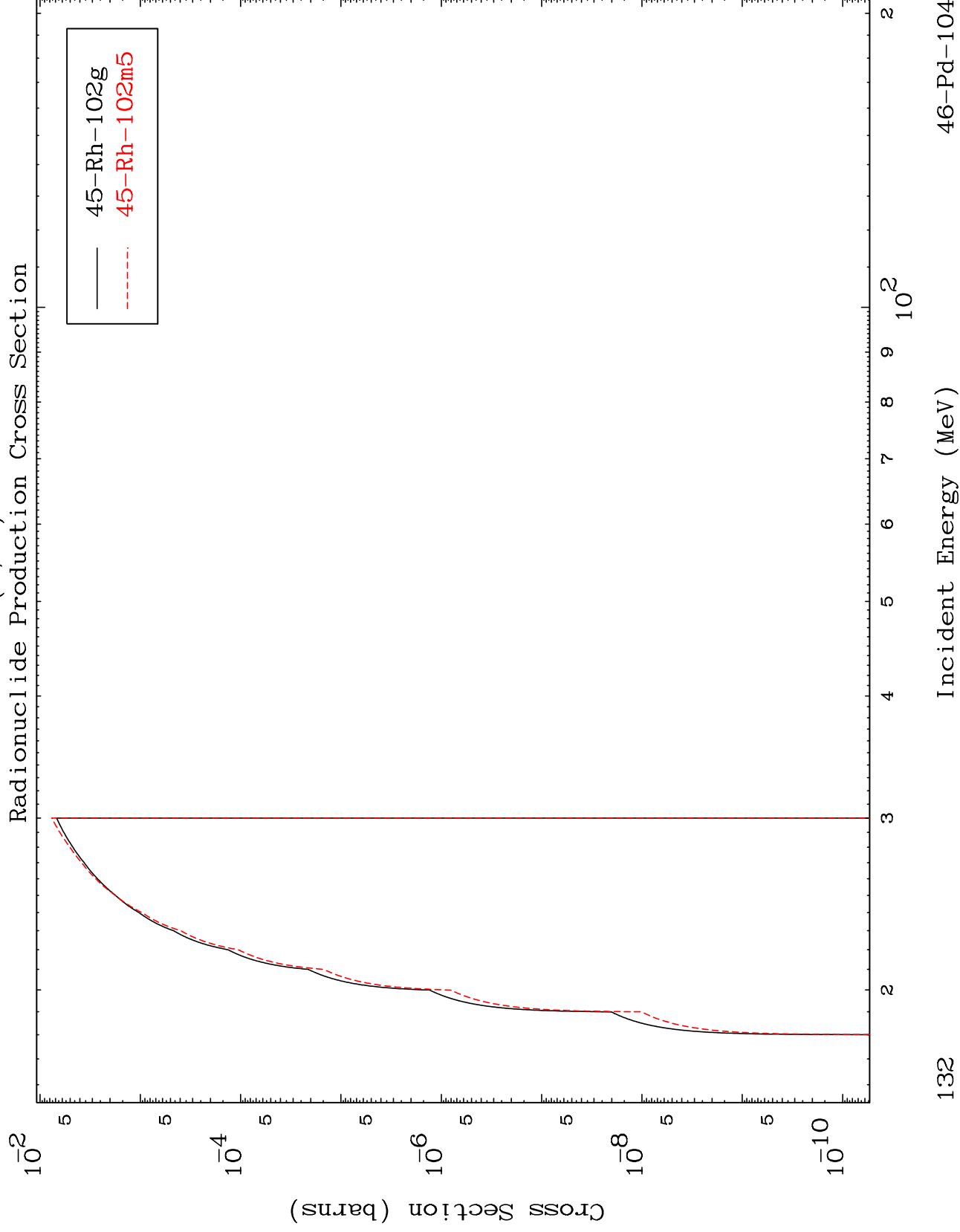
Incident Energy (MeV)

46-Pd-104

MAT 4631

(n,n') d

46-Pd-104



132

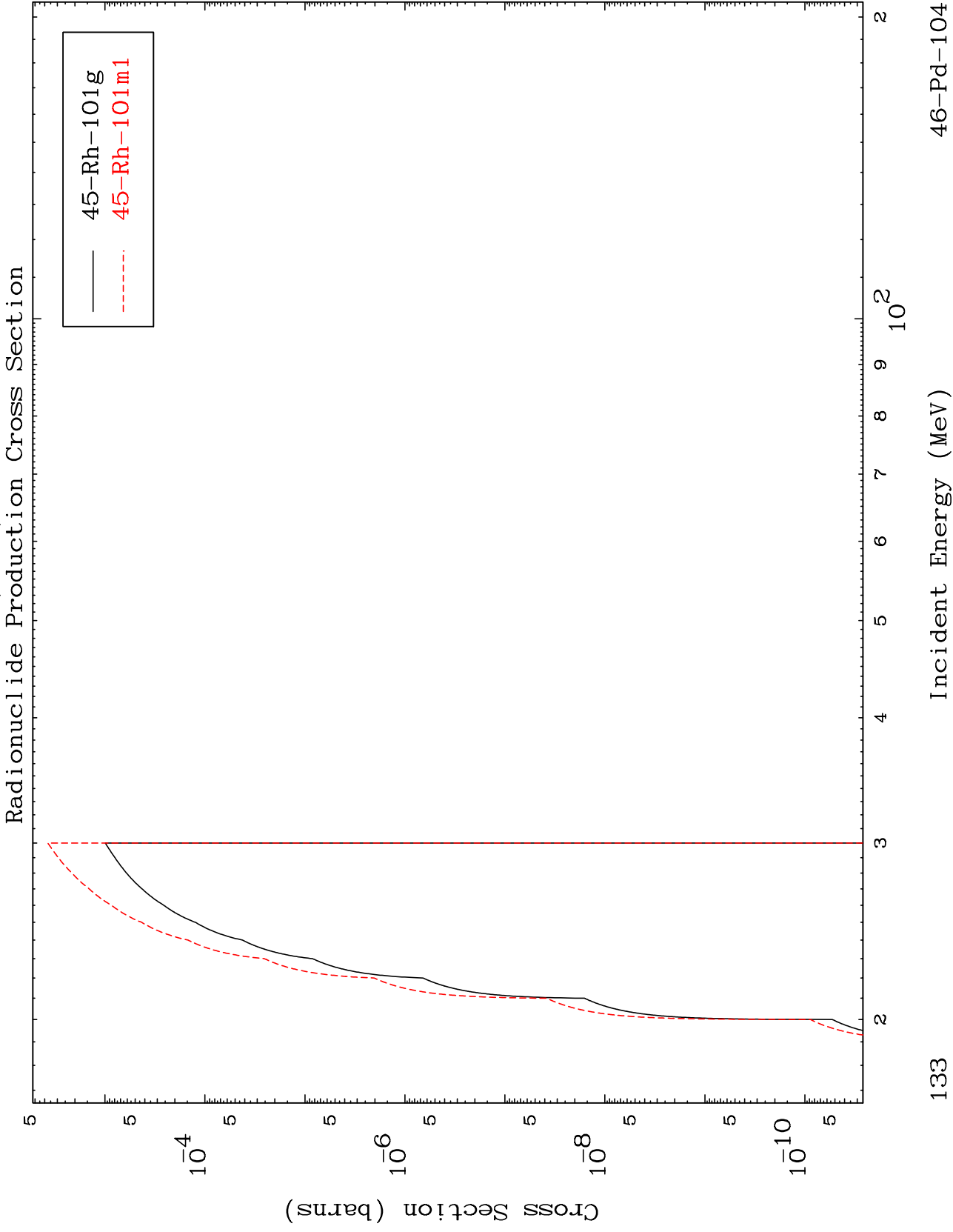
Incident Energy (MeV)

46-Pd-104

MAT 4631

(n,n') t

46-Pd-104



133

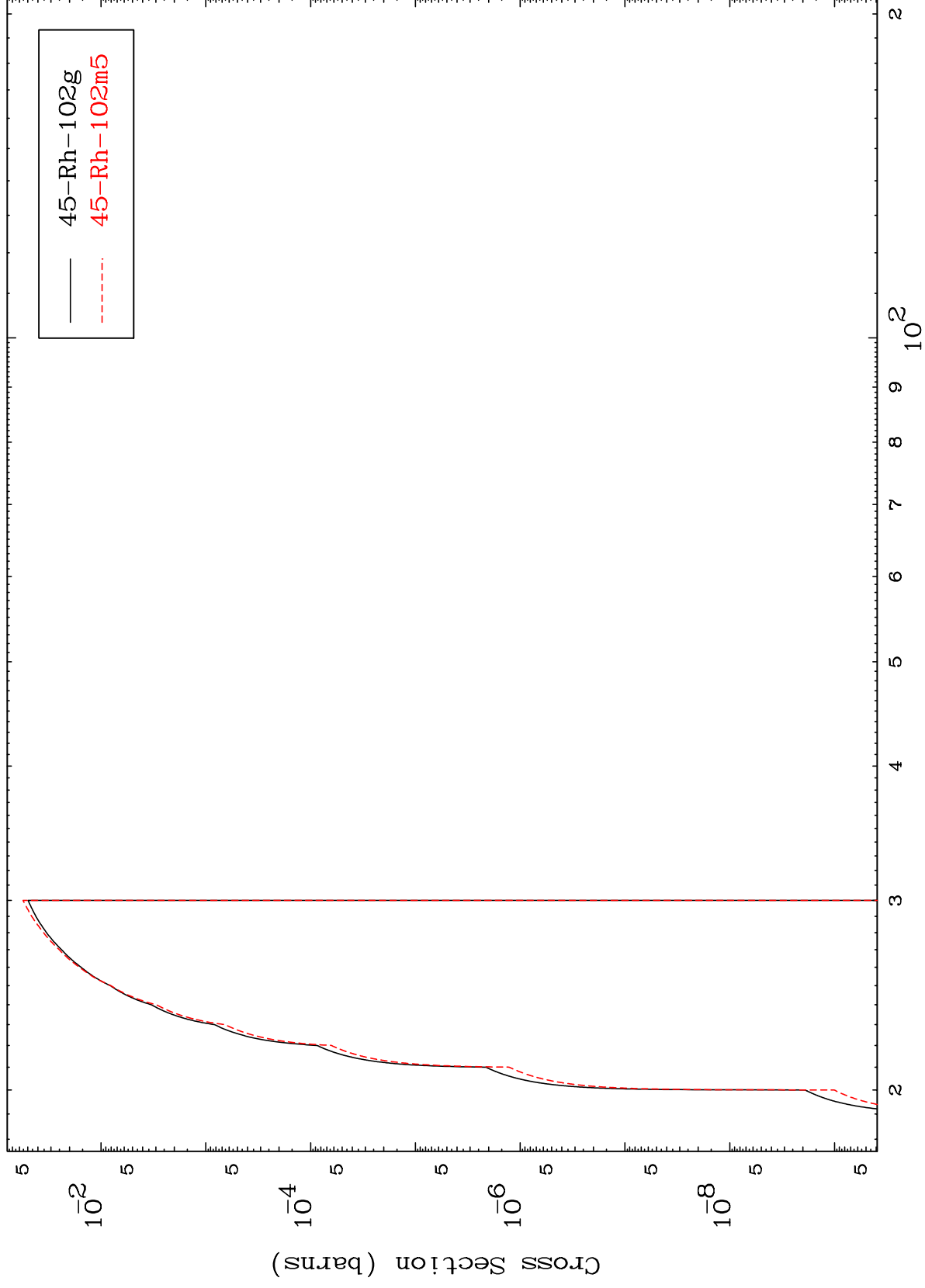
Incident Energy (MeV)

46-Pd-104

MAT 4631

46-Pd-104

(n,2n) p
Radionuclide Production Cross Section



134

Incident Energy (MeV)

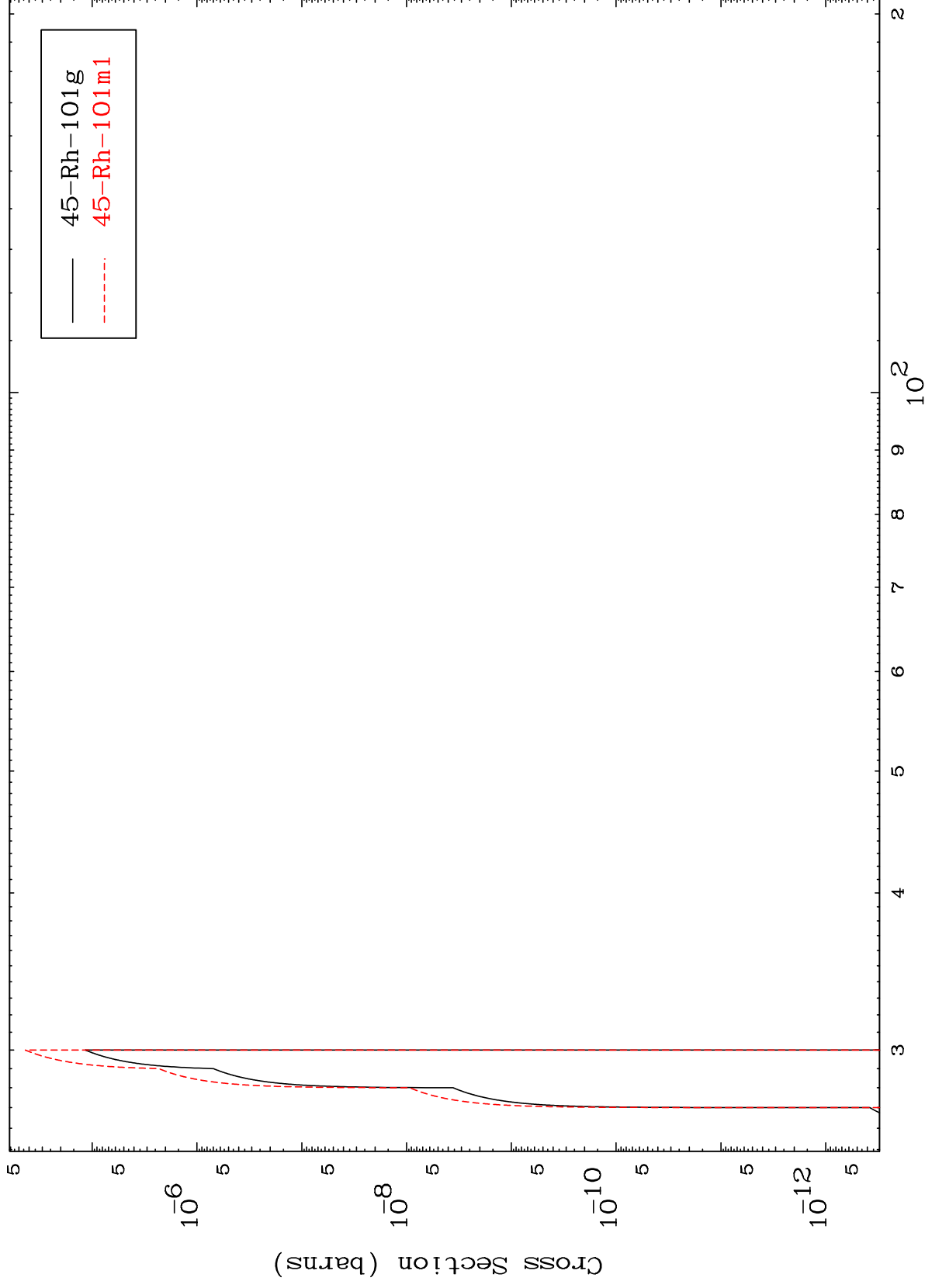
46-Pd-104

MAT 4631

(n,3n) p

46-Pd-104

Radionuclide Production Cross Section



135

Incident Energy (MeV)

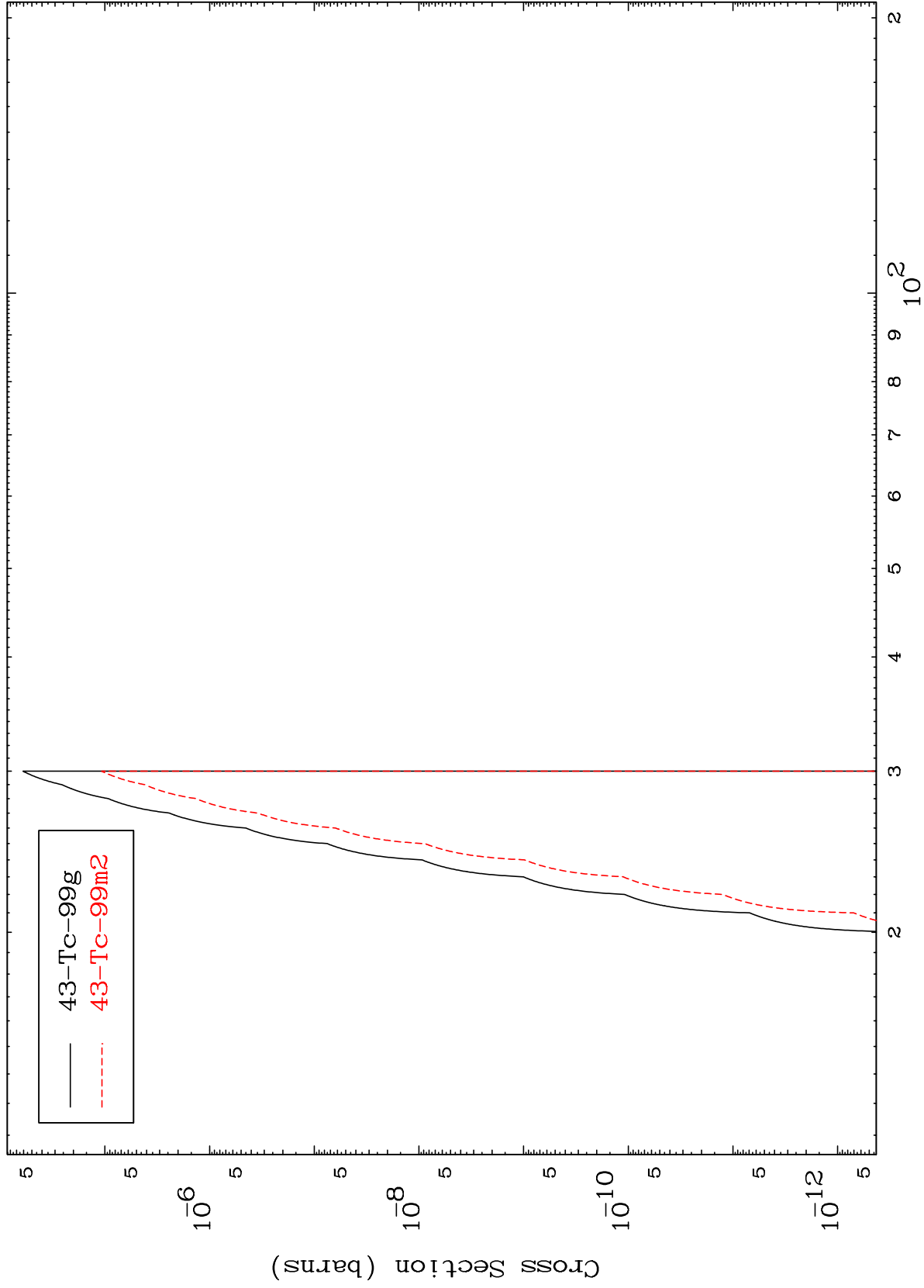
46-Pd-104

MAT 4631

(n,n') p α

46-Pd-104

Radionuclide Production Cross Section



136

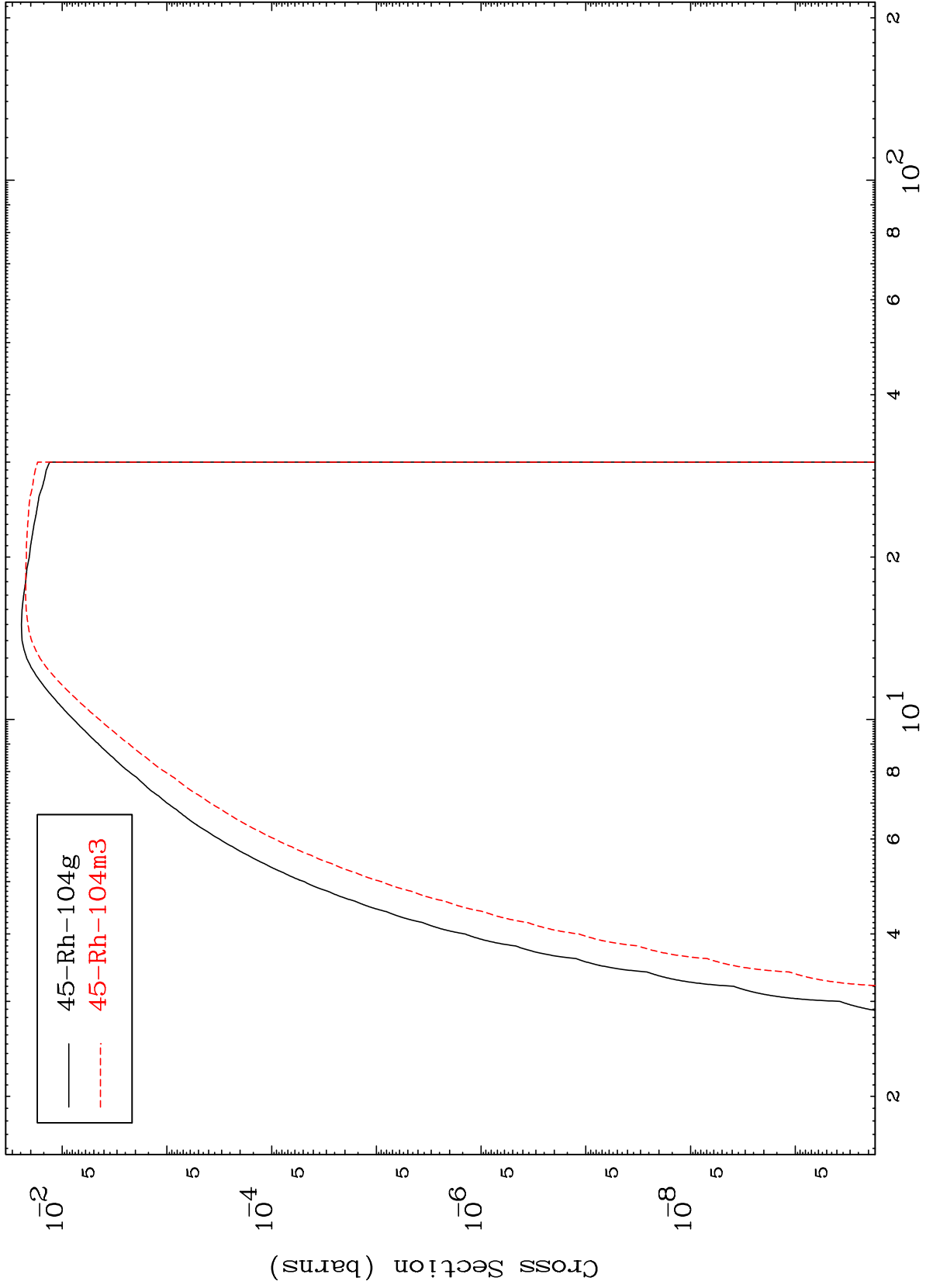
Incident Energy (MeV)

46-Pd-104

MAT 4631

46-Pd-104

(n,p)
Radionuclide Production Cross Section



137

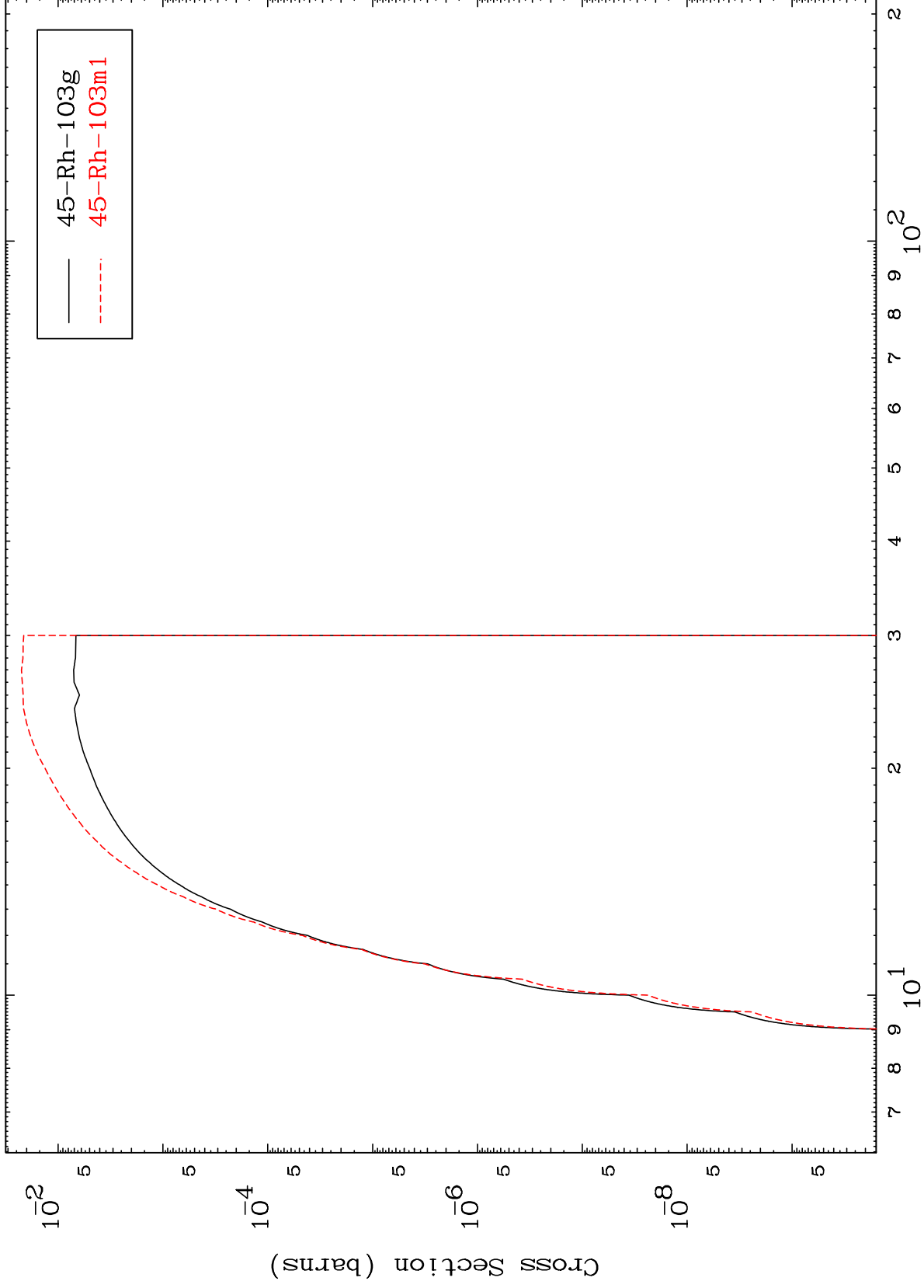
Incident Energy (MeV)

46-Pd-104

MAT 4631

46-Pd-104

(n,d)
Radionuclide Production Cross Section



138

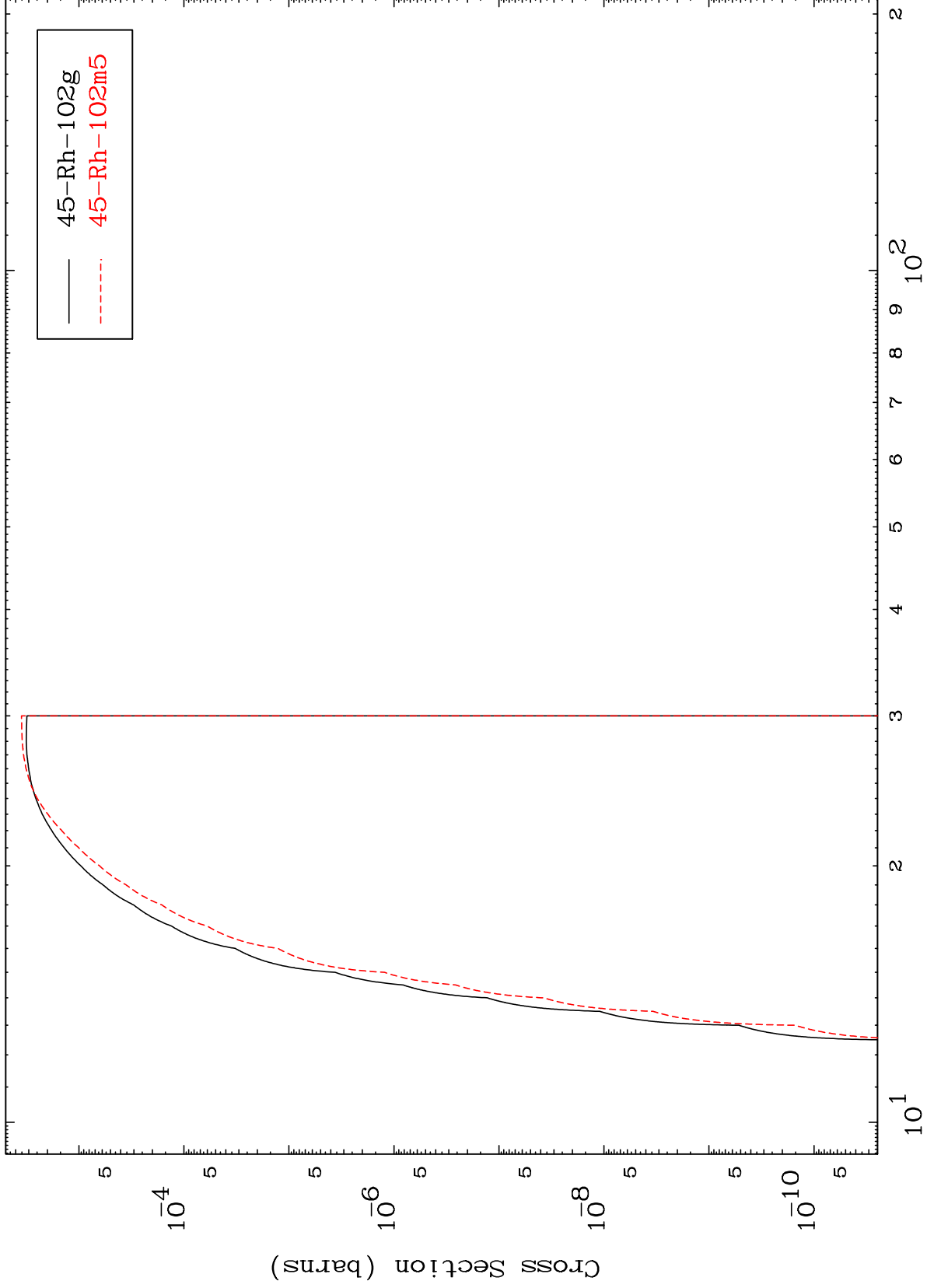
Incident Energy (MeV)

46-Pd-104

MAT 4631

46-Pd-104

(n,t)
Radionuclide Production Cross Section



139

Incident Energy (MeV)

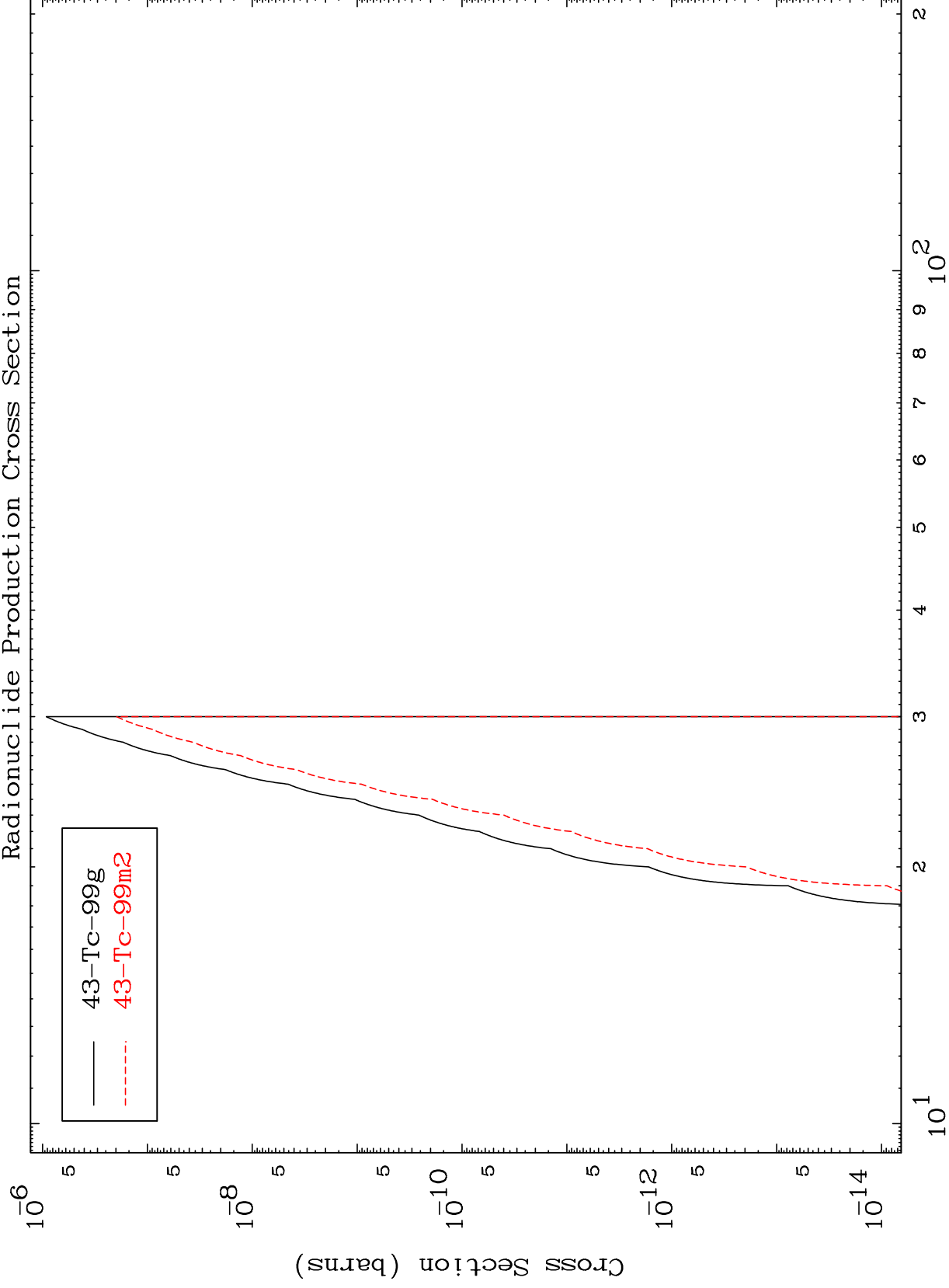
46-Pd-104

MAT 4631

(n,d) α

46-Pd-104

Radionuclide Production Cross Section



140

Incident Energy (MeV)

46-Pd-104