

Program EVALPLOT
(Version 2018-1)

by

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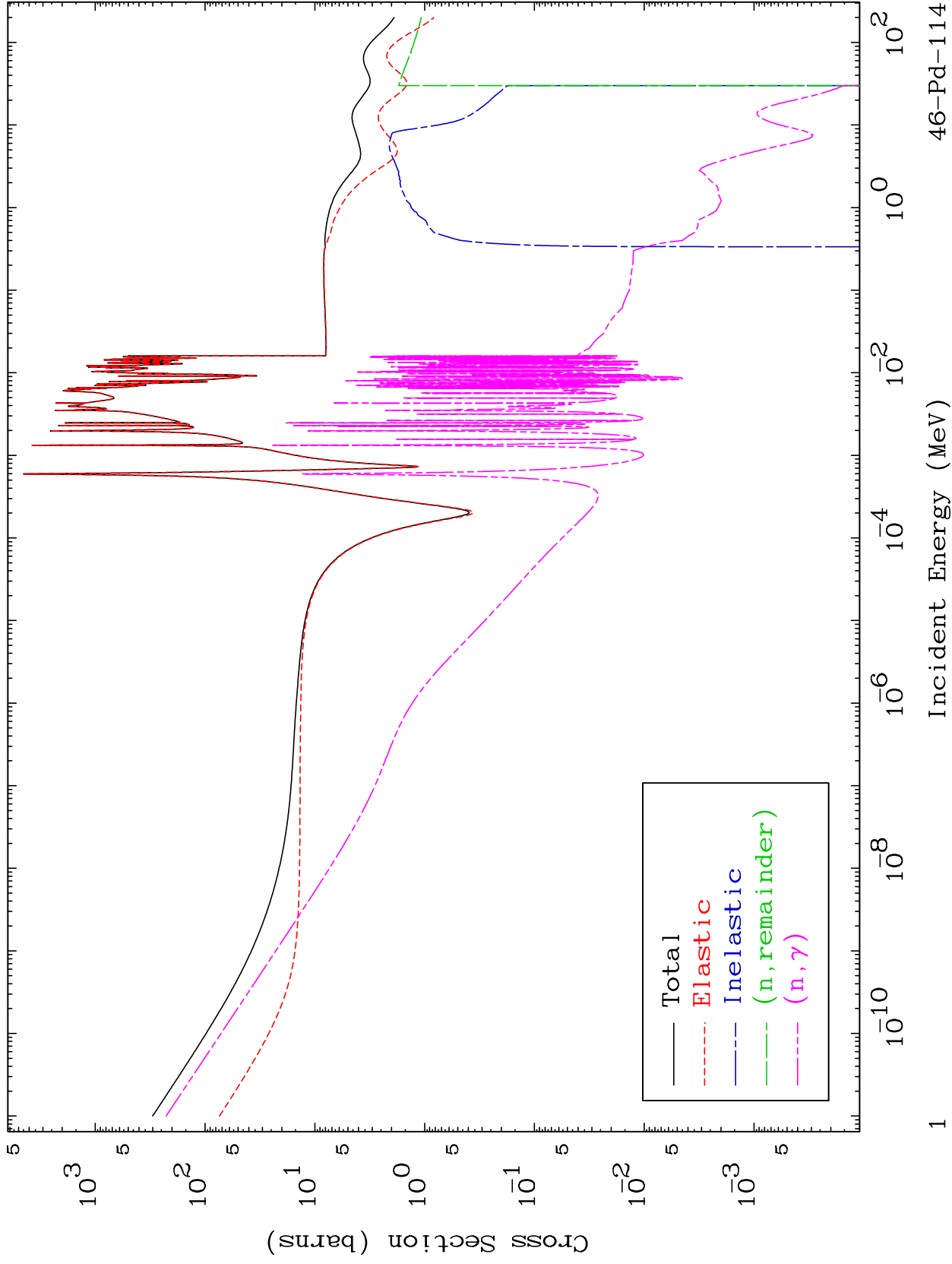
Press Mouse Button to Start

MAT 4661

Major

293 Kelvin Cross Sections

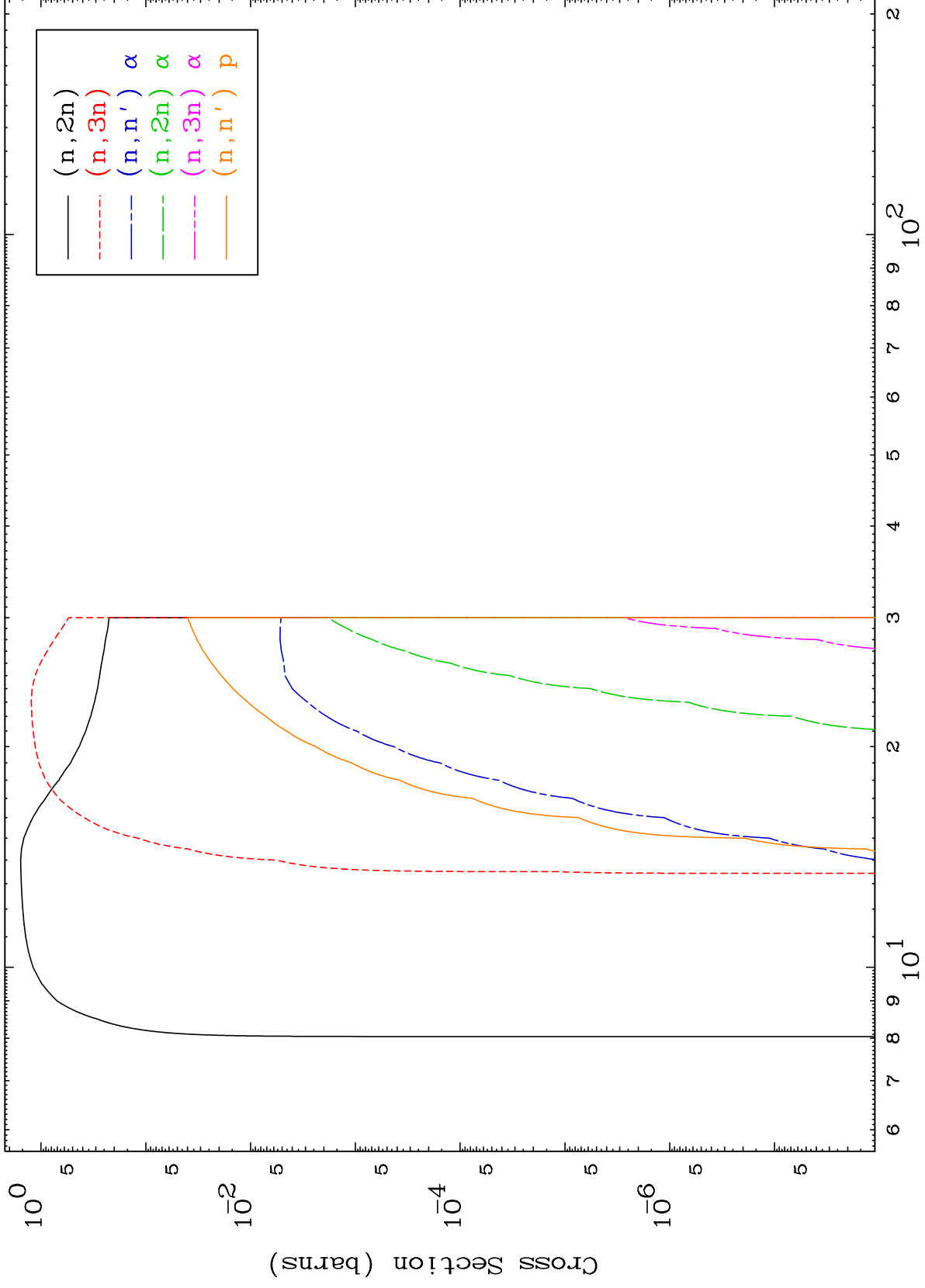
46-Pd-114



MAT 4661

Neutron Production
293 Kelvin Cross Sections

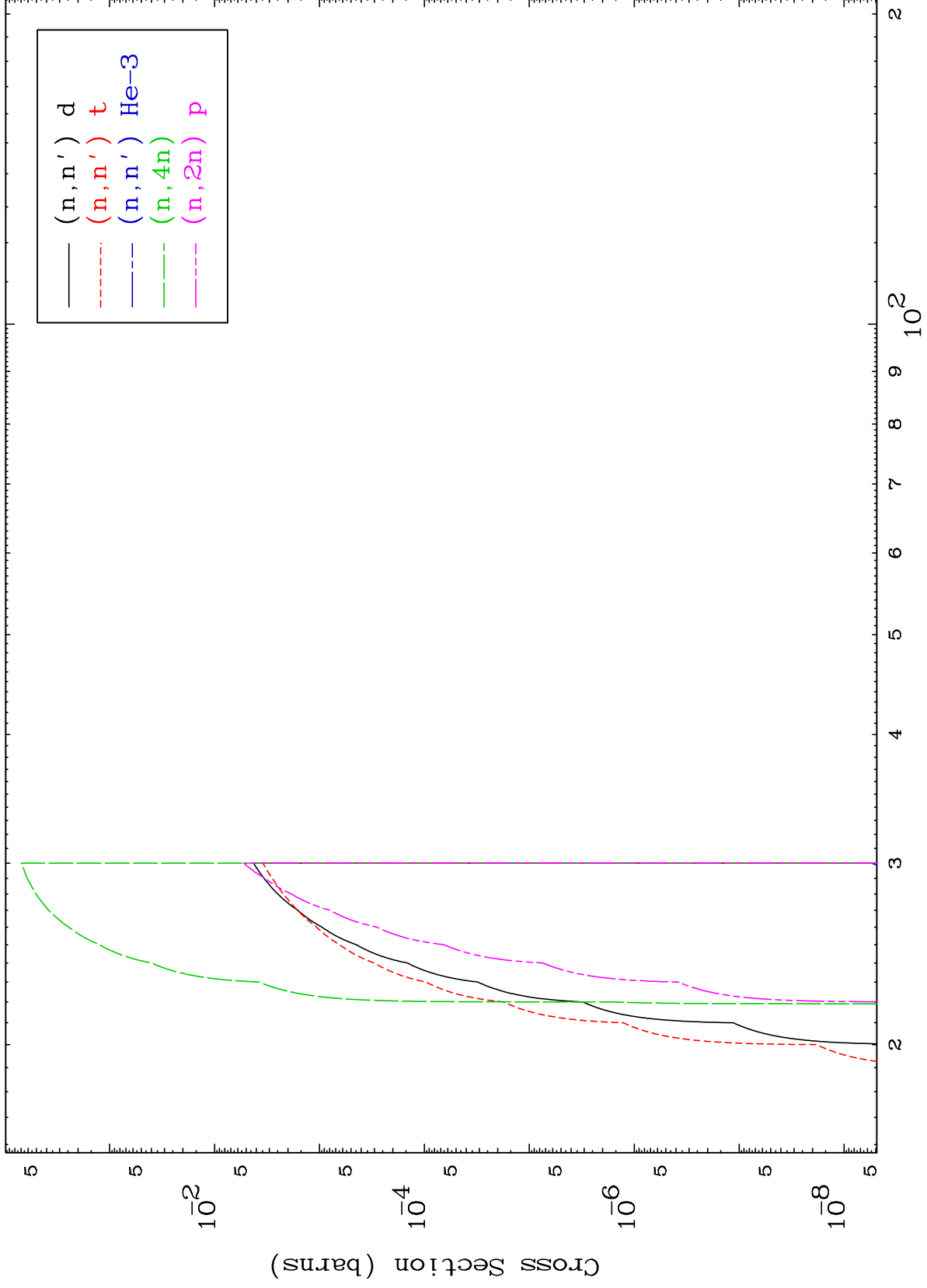
46-Pd-114



2

Incident Energy (MeV)

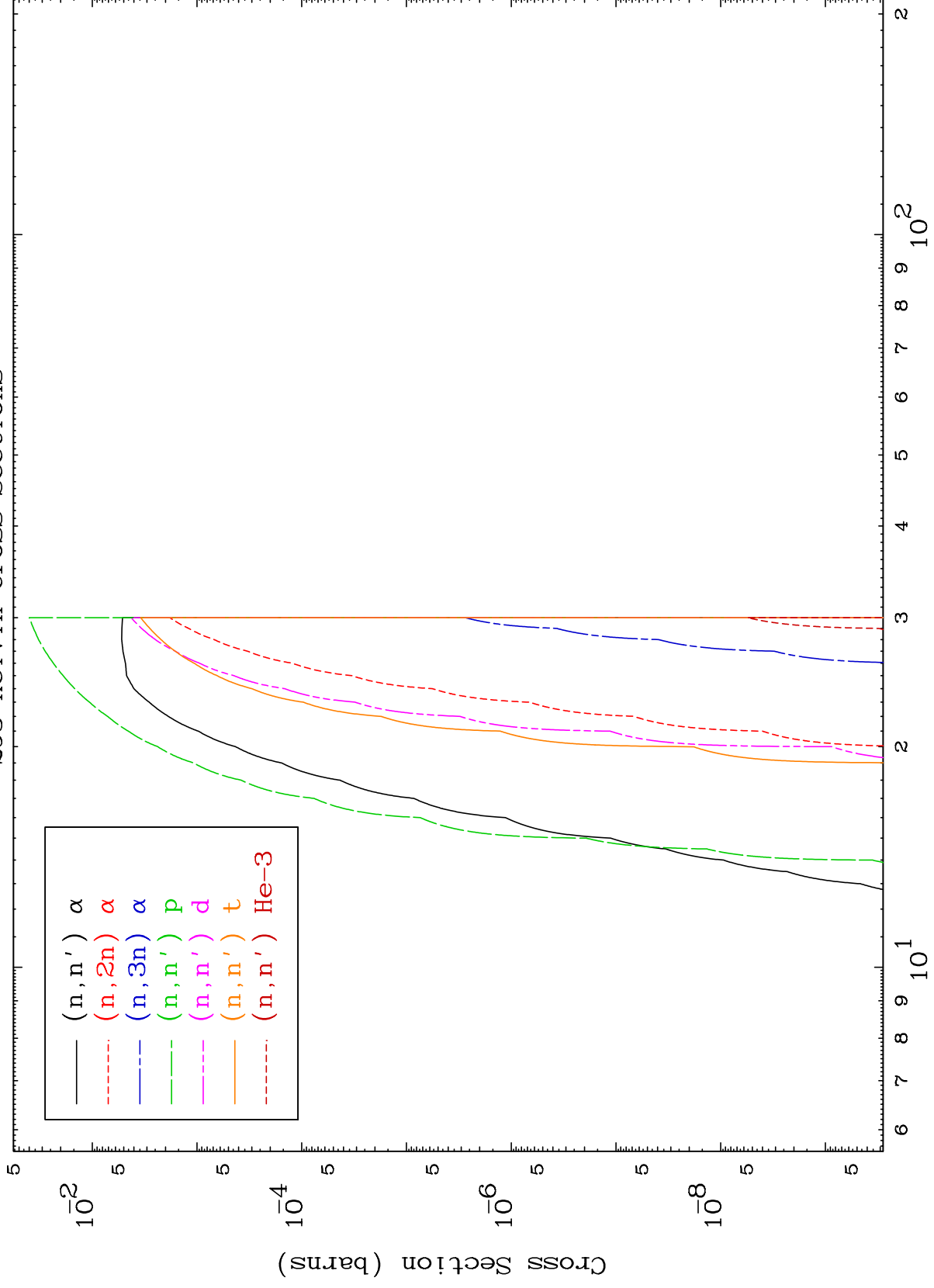
46-Pd-114



MAT 4661

Charged Particle
293 Kelvin Cross Sections

46-Pd-114



4

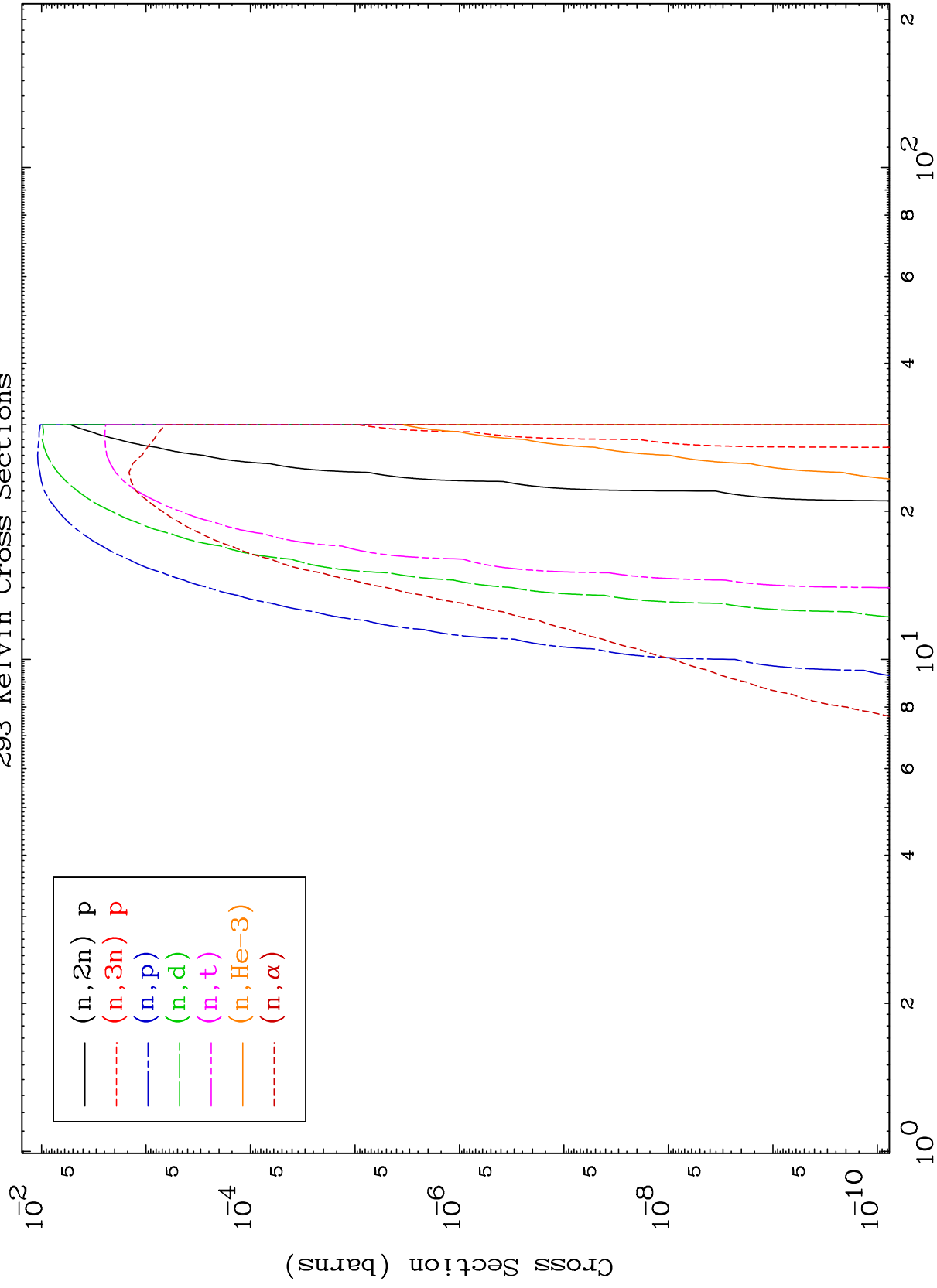
Incident Energy (MeV)

46-Pd-114

MAT 4661

Charged Particle
293 Kelvin Cross Sections

46-Pd-114



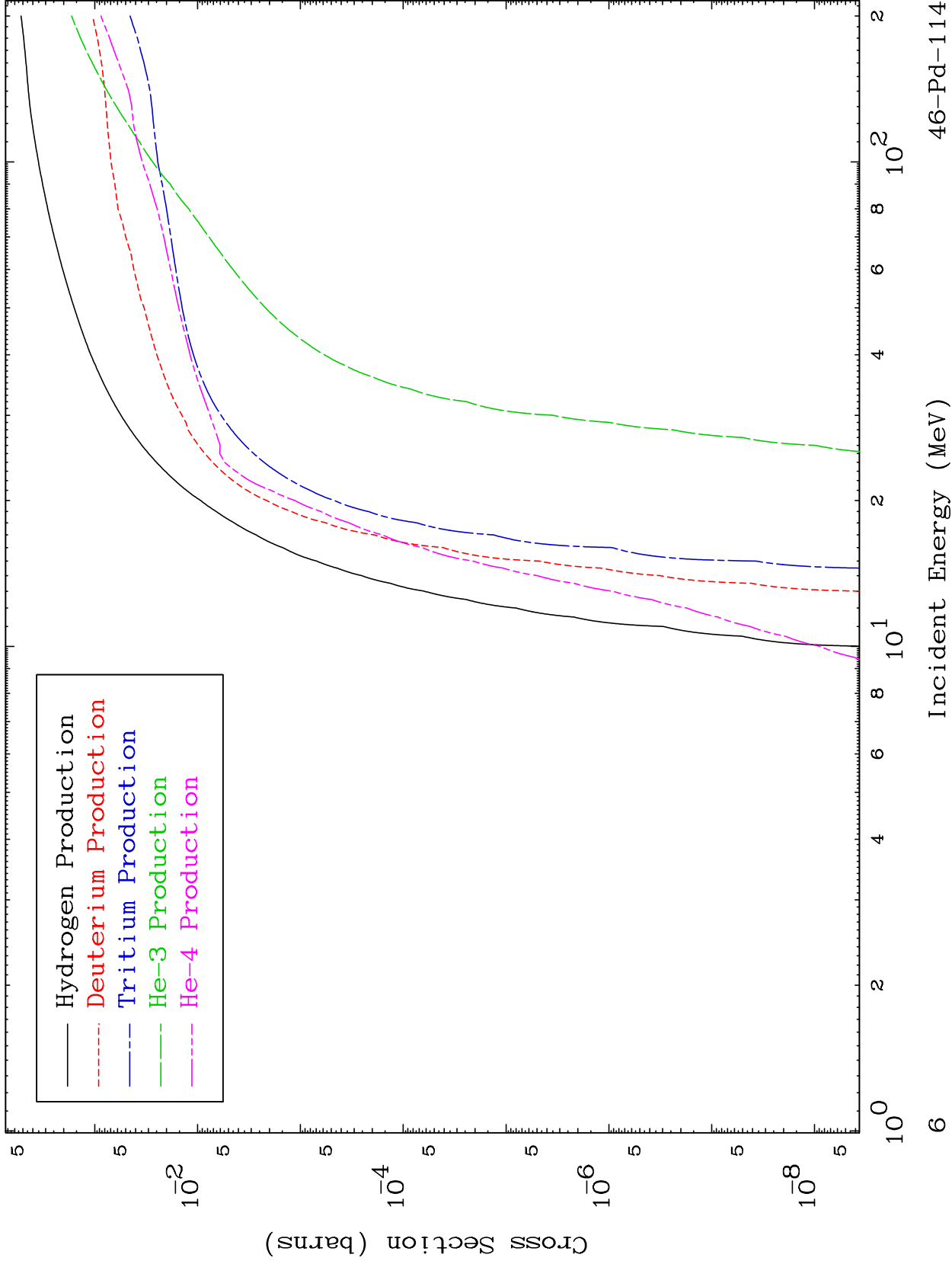
Incident Energy (MeV)

46-Pd-114

MAT 4661

Particle Production
293 Kelvin Cross Sections

46-Pd-114



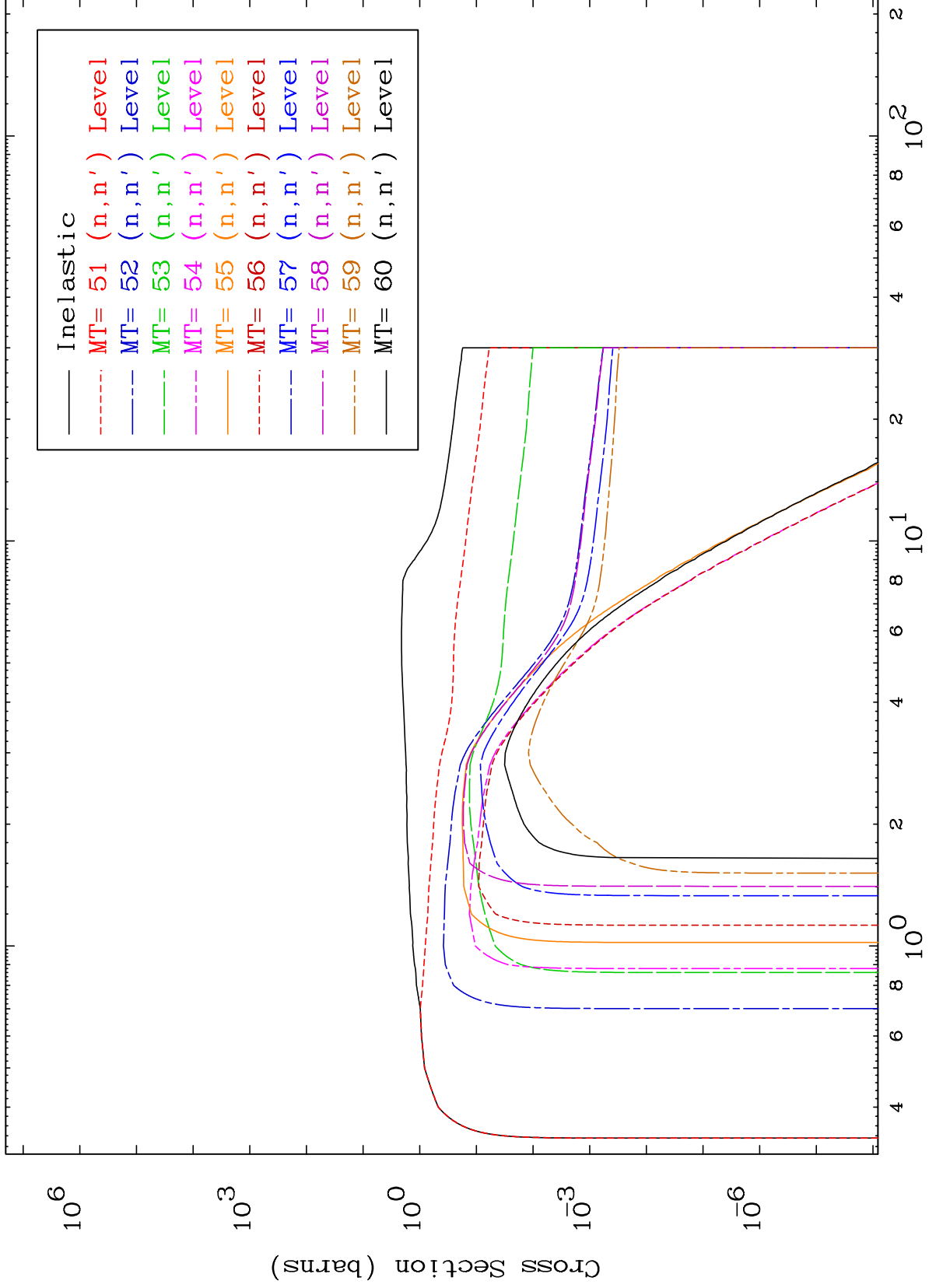
46-Pd-114

MAT 4661

(n,n') Level

46-Pd-114

293 Kelvin Cross Sections

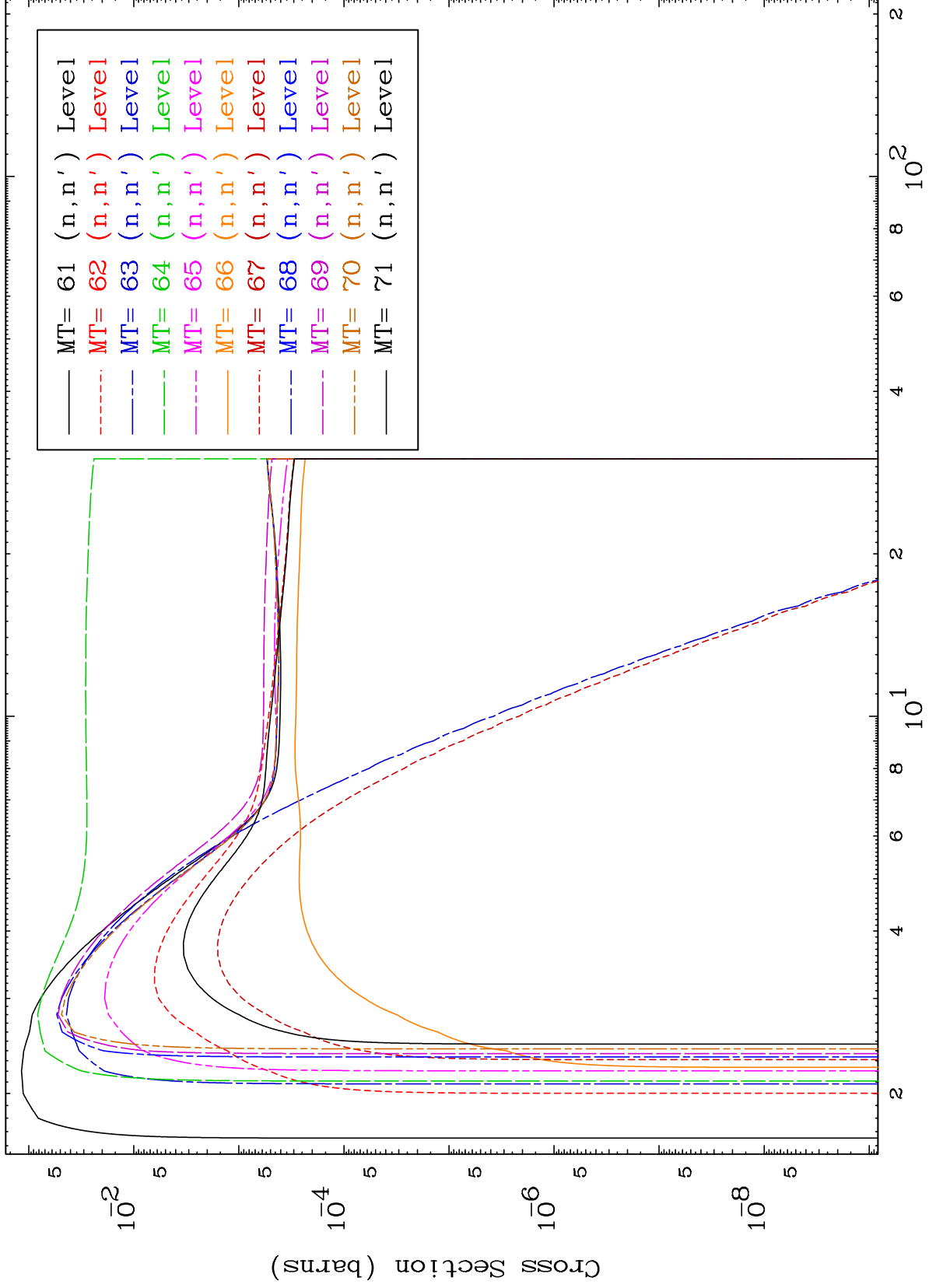


MAT 4661

(n,n') Level

46-Pd-114

293 Kelvin Cross Sections

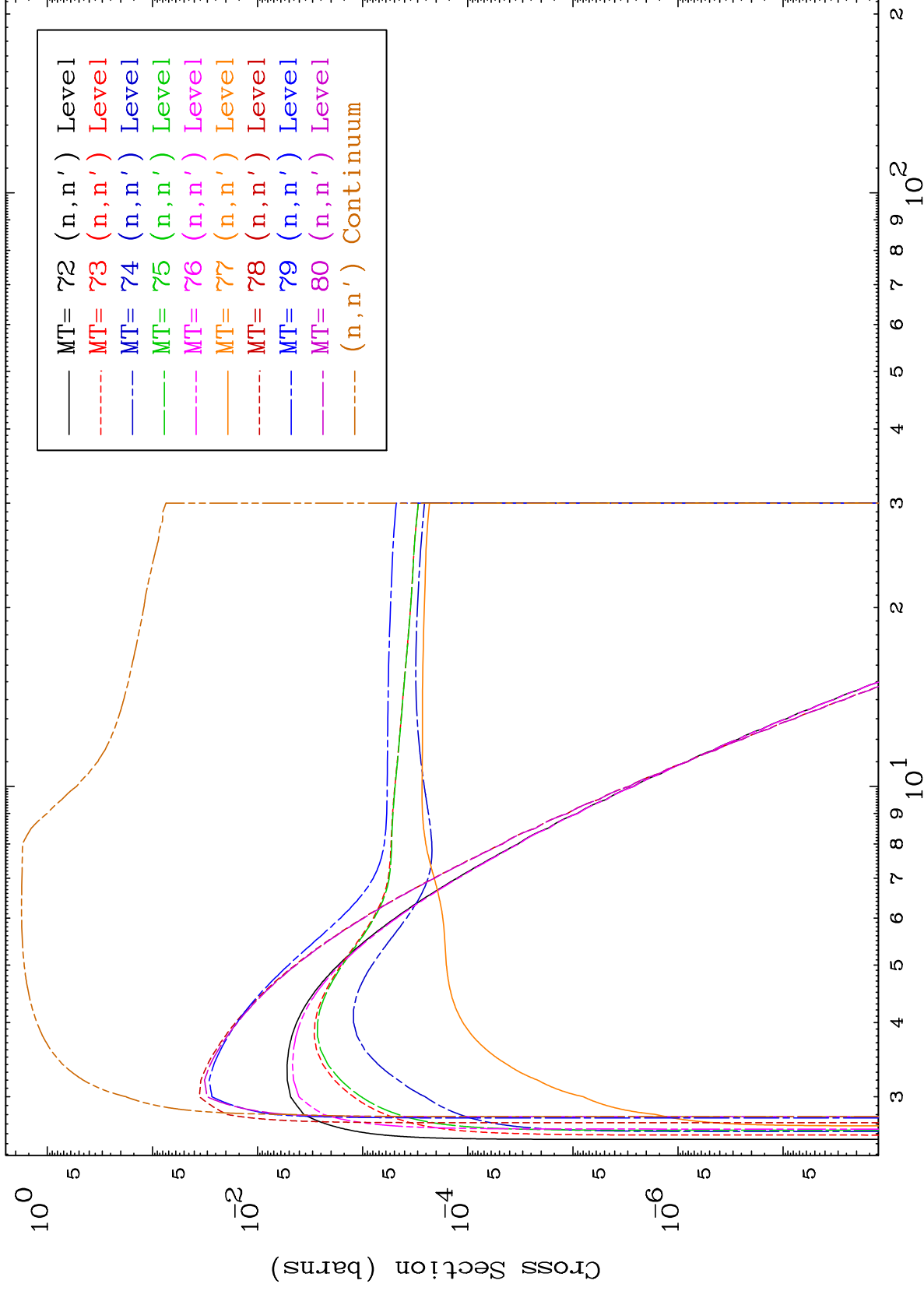


8

Incident Energy (MeV)

46-Pd-114

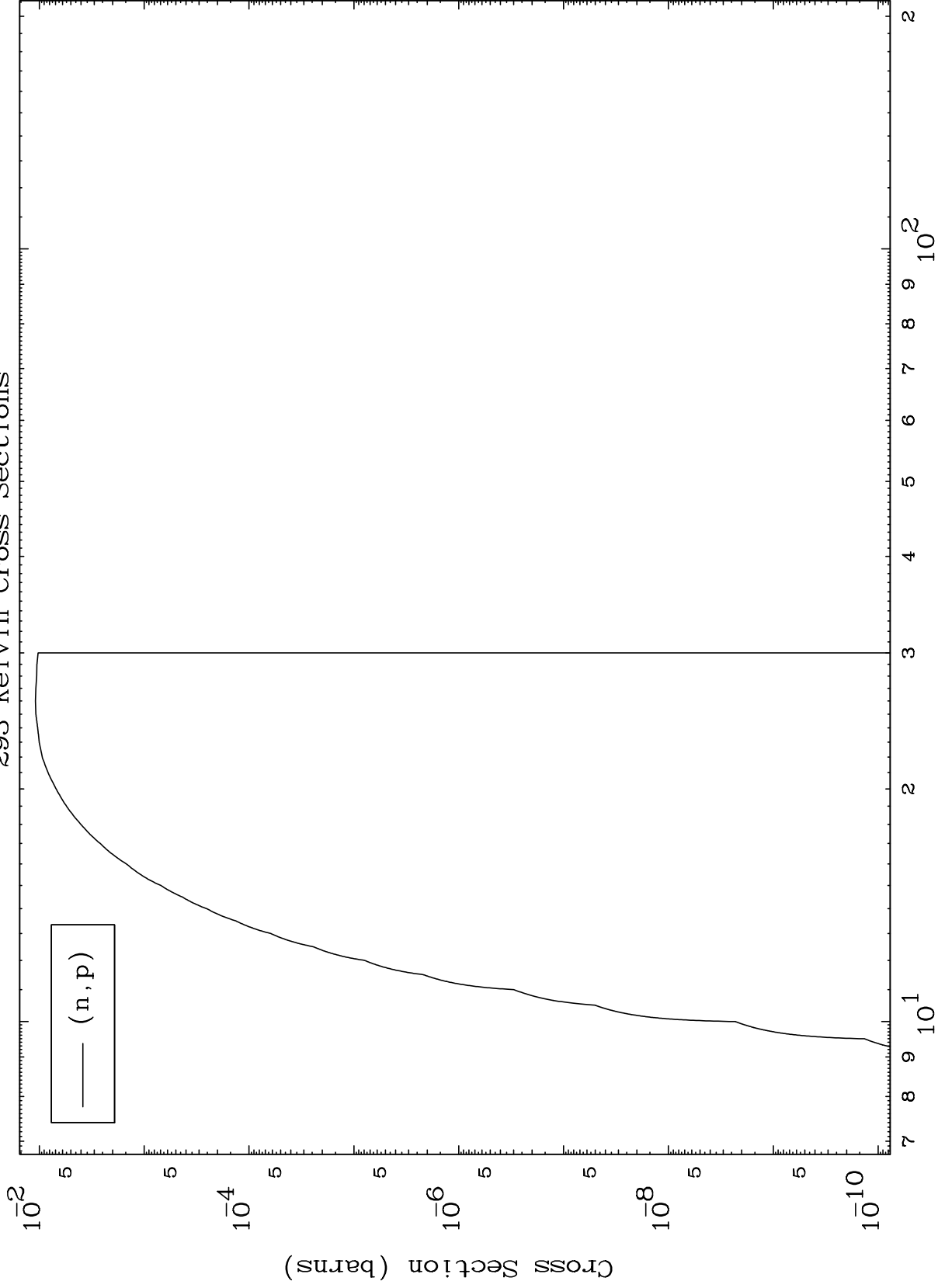
293 Kelvin Cross Sections



MAT 4661

(n,p) Levels
293 Kelvin Cross Sections

46-Pd-114



10

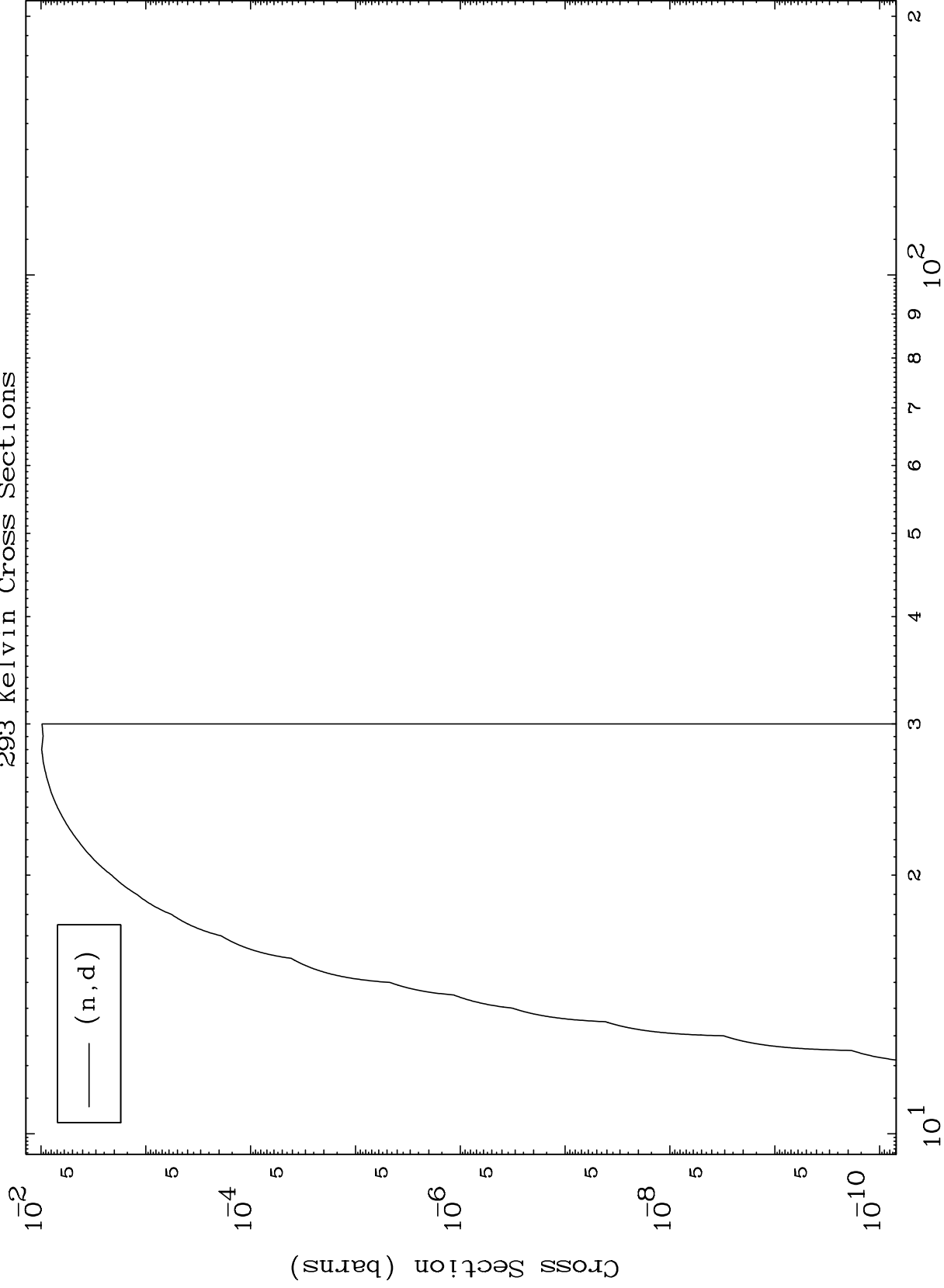
Incident Energy (MeV)

46-Pd-114

MAT 4661

(n,d) Levels
293 Kelvin Cross Sections

46-Pd-114



11

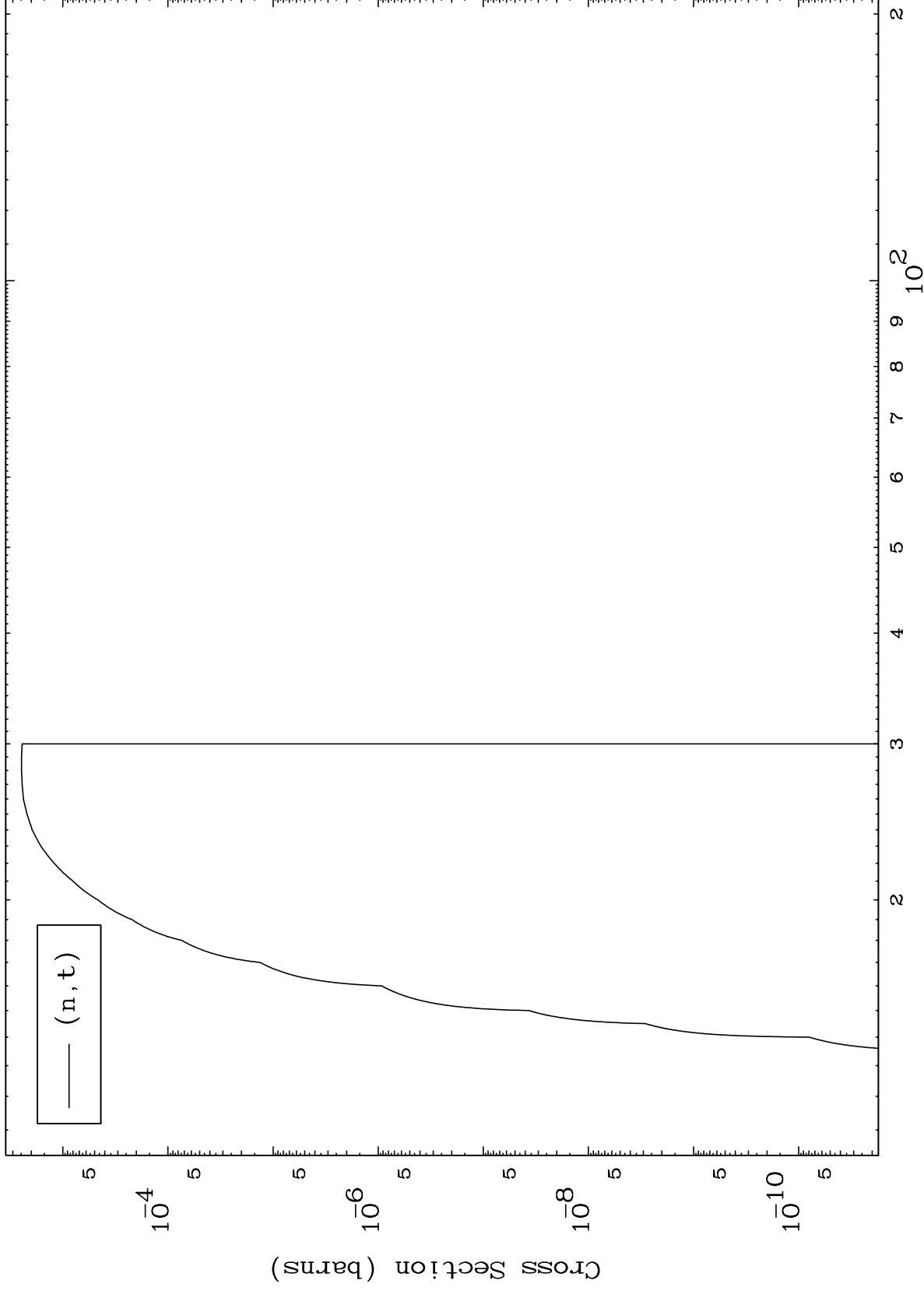
Incident Energy (MeV)

46-Pd-114

MAT 4661

(n,t) Levels
293 Kelvin Cross Sections

46-Pd-114



12

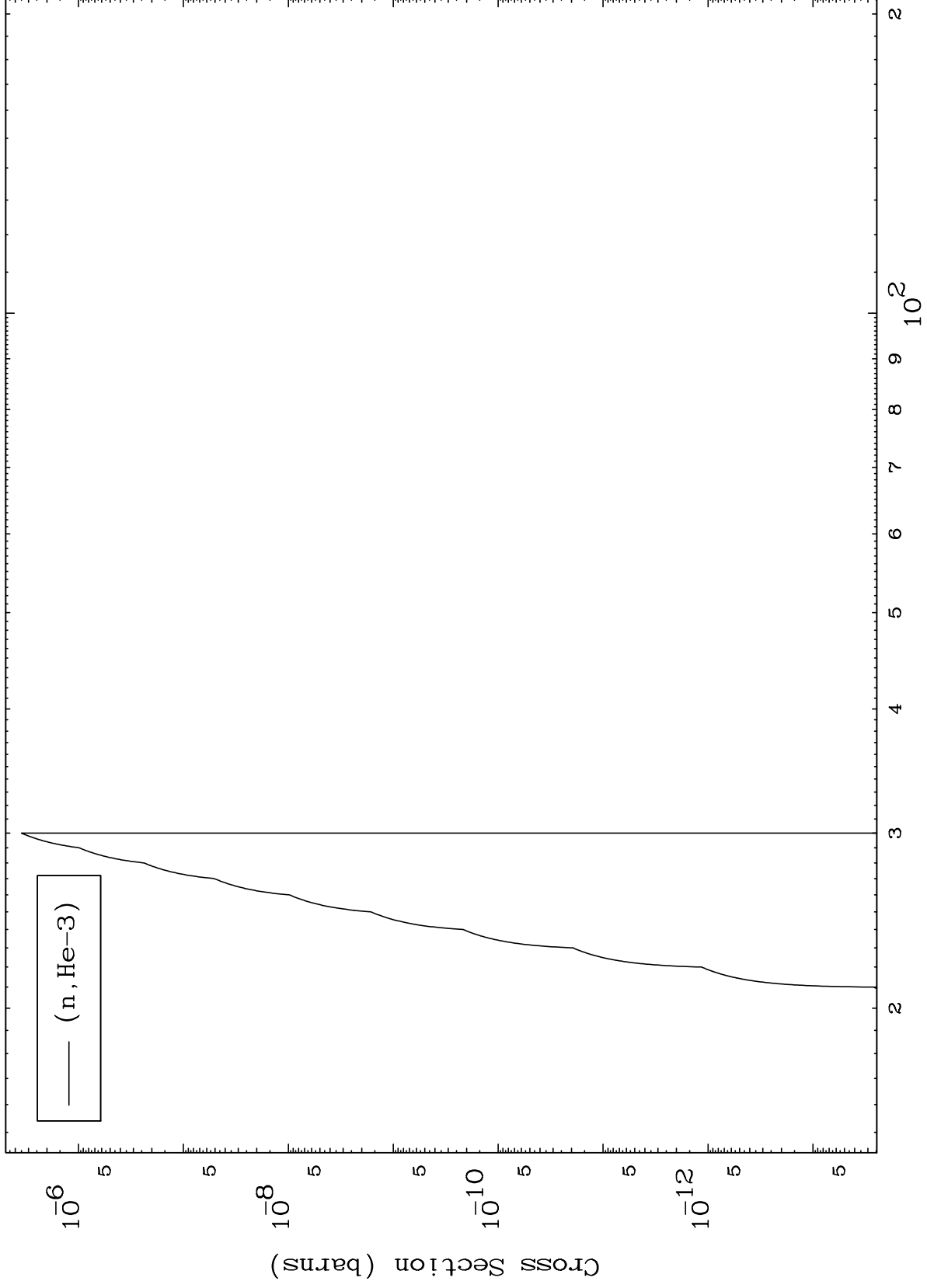
Incident Energy (MeV)

46-Pd-114

MAT 4661

(n,He3) Levels
293 Kelvin Cross Sections

46-Pd-114



13

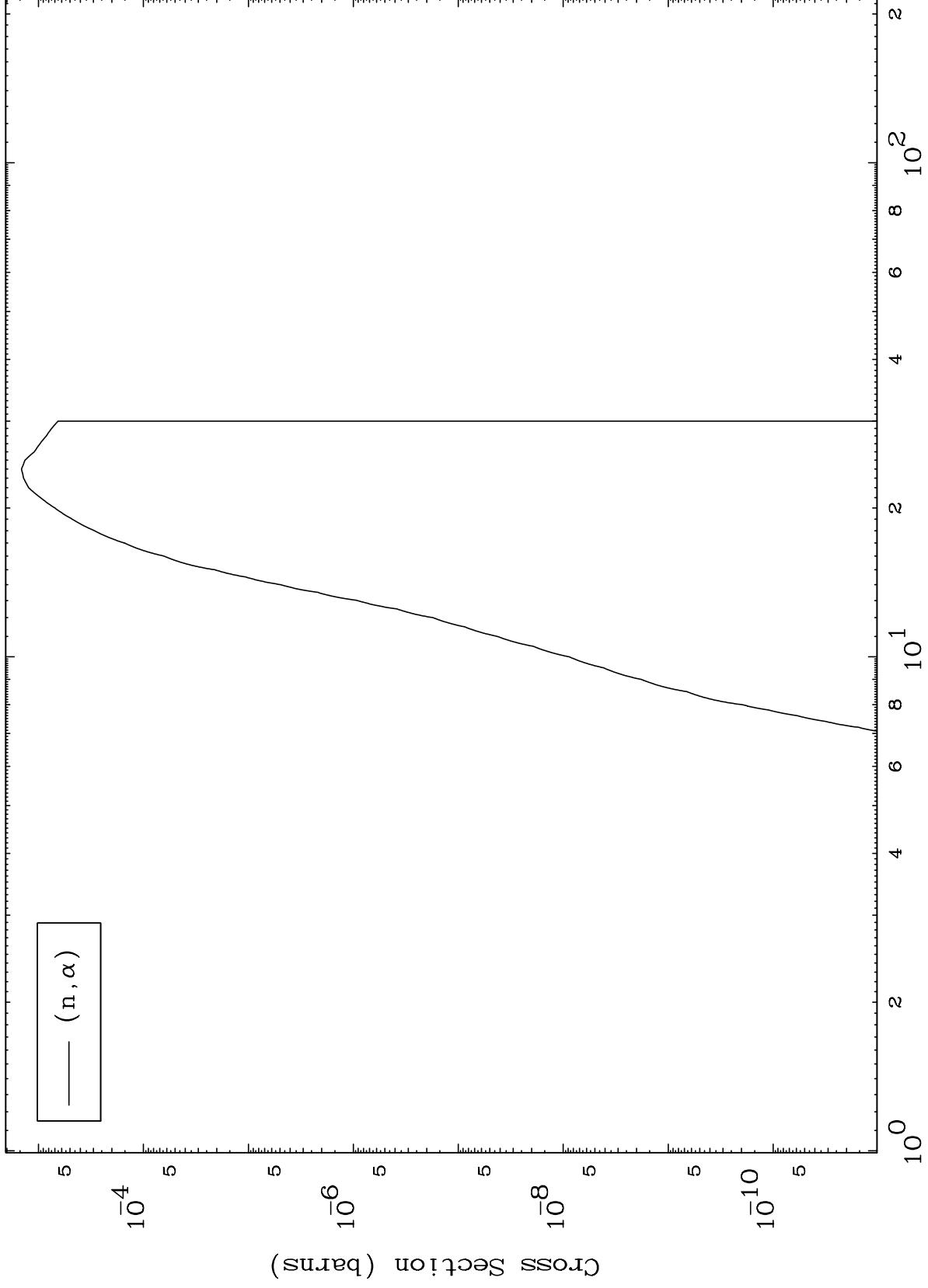
Incident Energy (MeV)

46-Pd-114

MAT 4661

(n, α) Levels
293 Kelvin Cross Sections

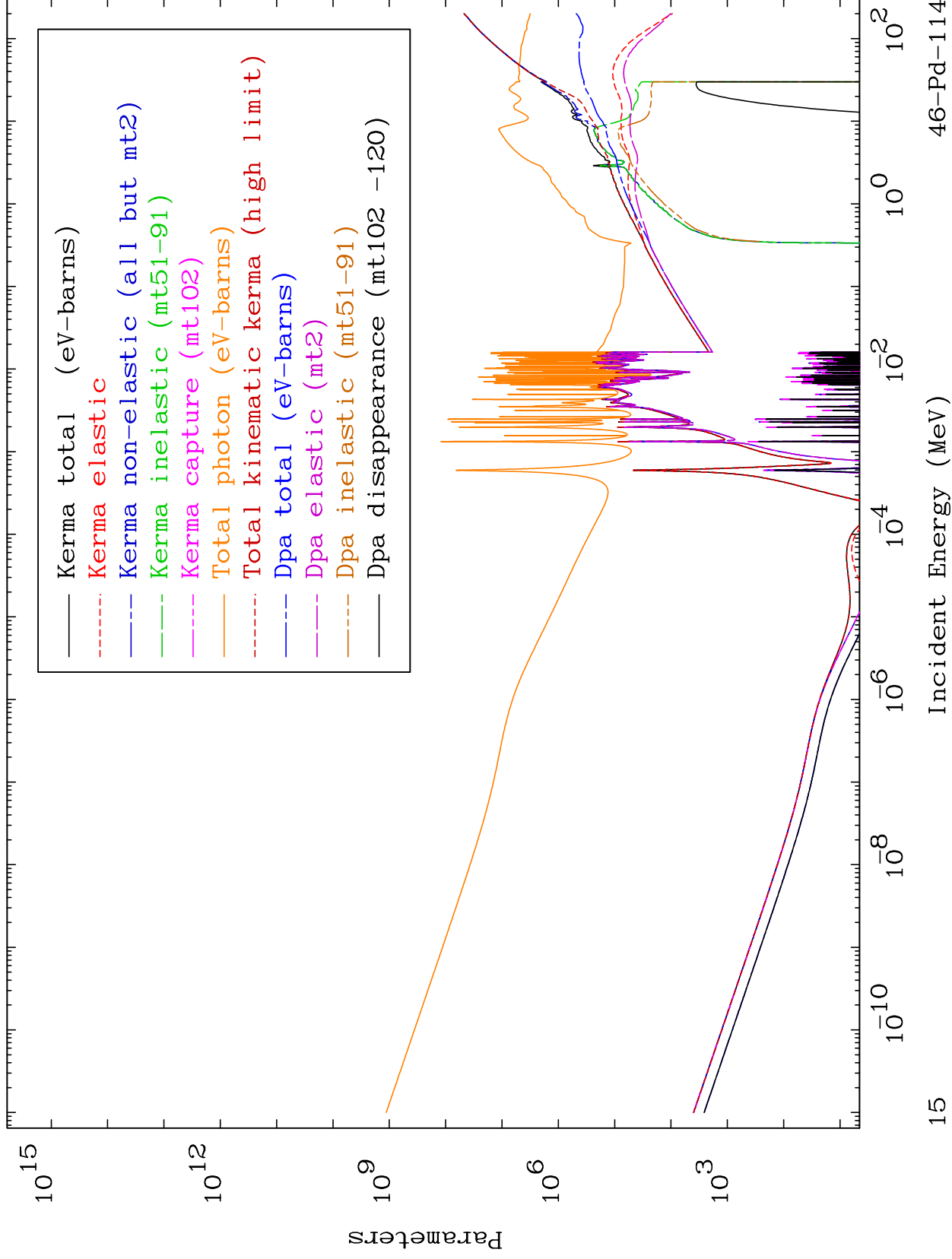
46-Pd-114



14

Incident Energy (MeV)

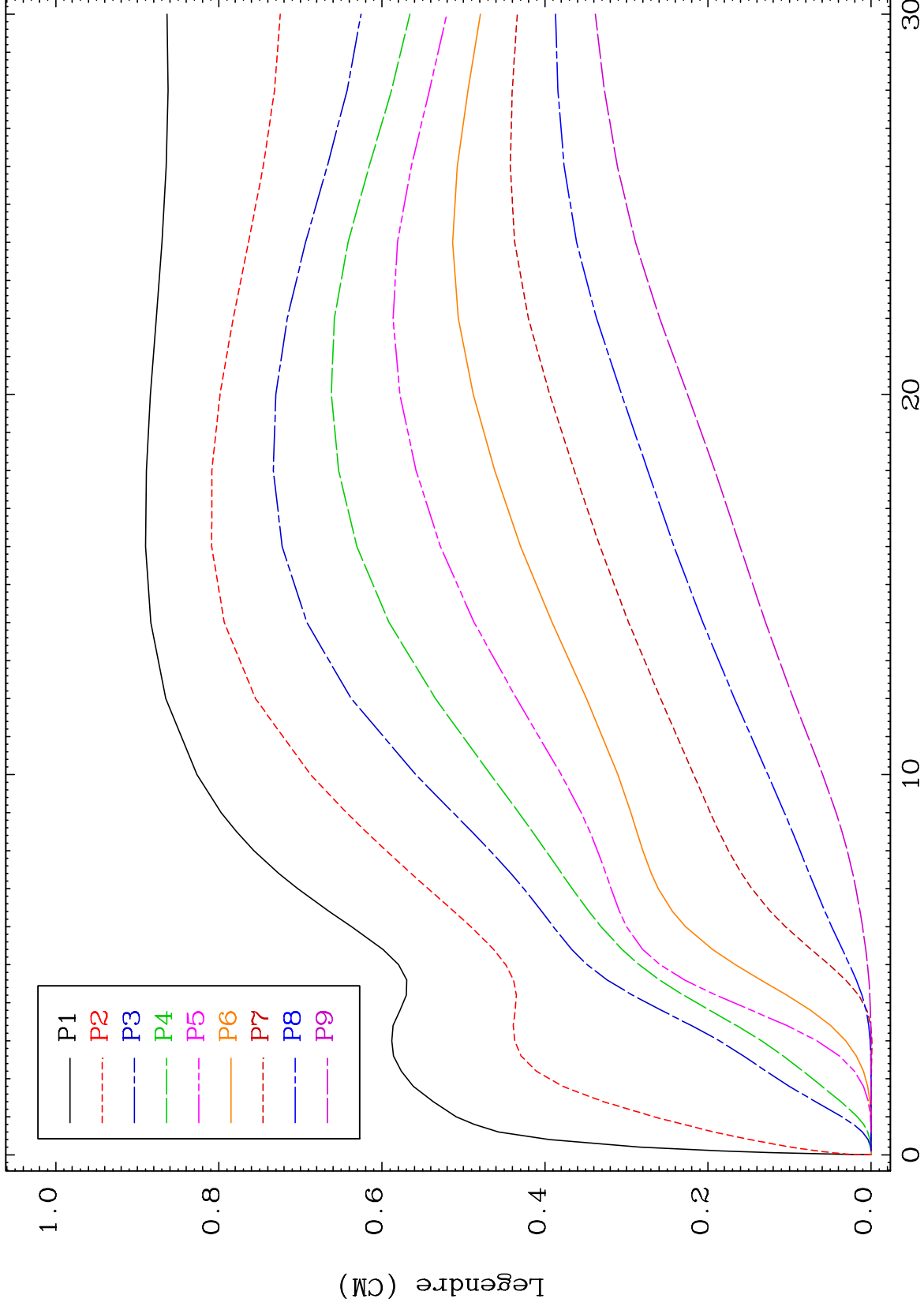
46-Pd-114



MAT 4661

Elastic Legendre Coefficients

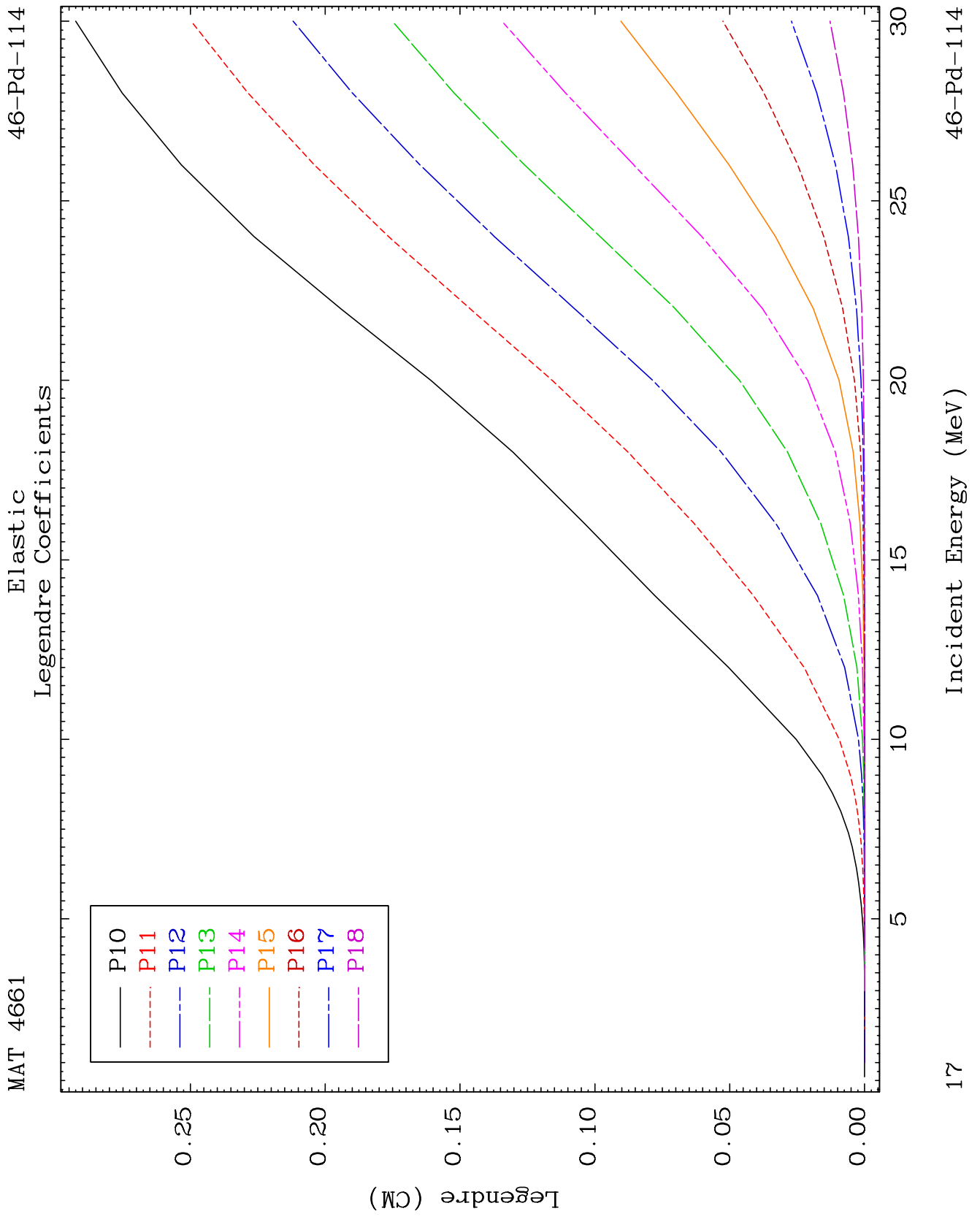
46-Pd-114



16

Incident Energy (MeV)

46-Pd-114



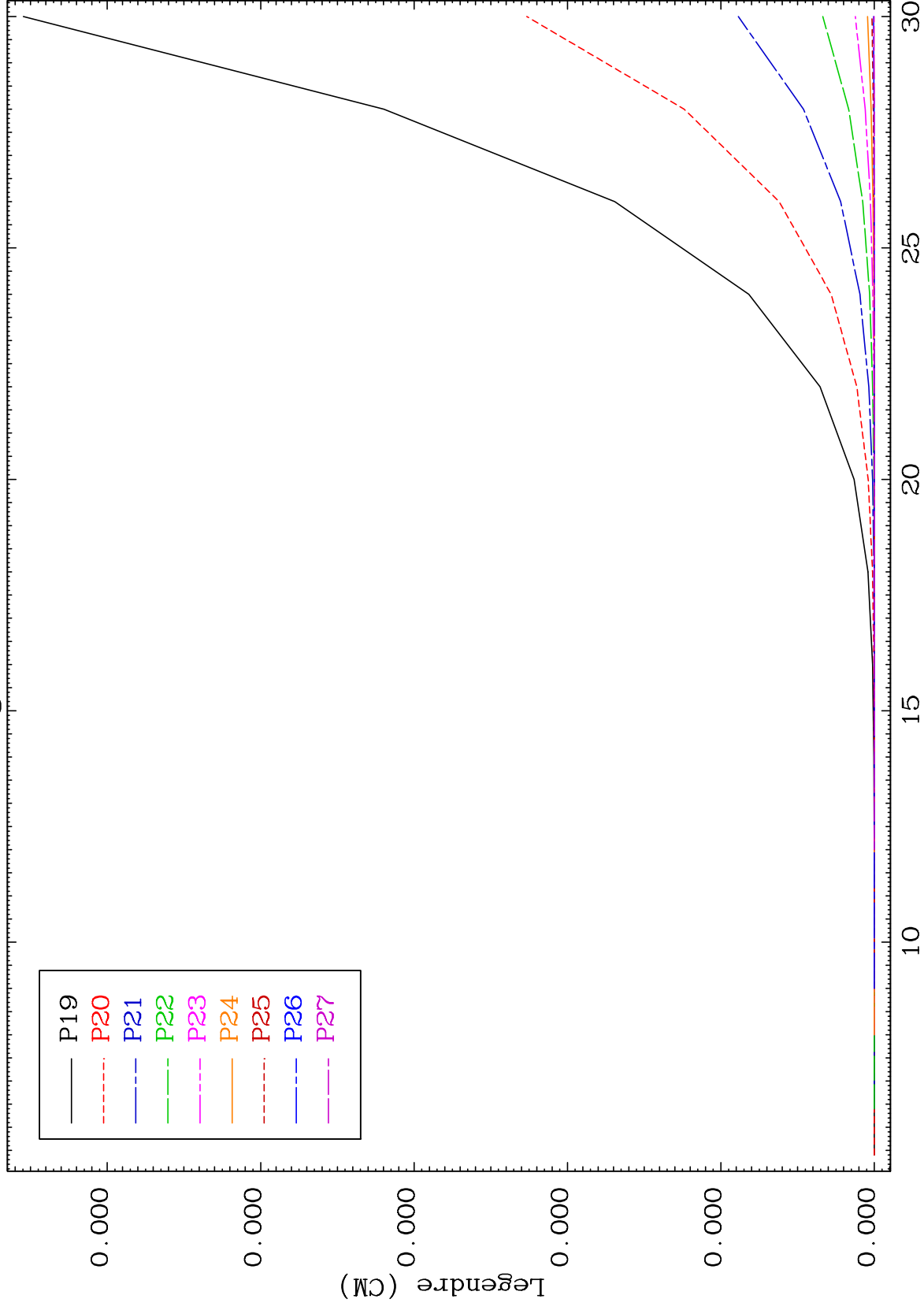
MAT 4661

46-Pd-114

MAT 4661

Elastic Legendre Coefficients

46-Pd-114



18

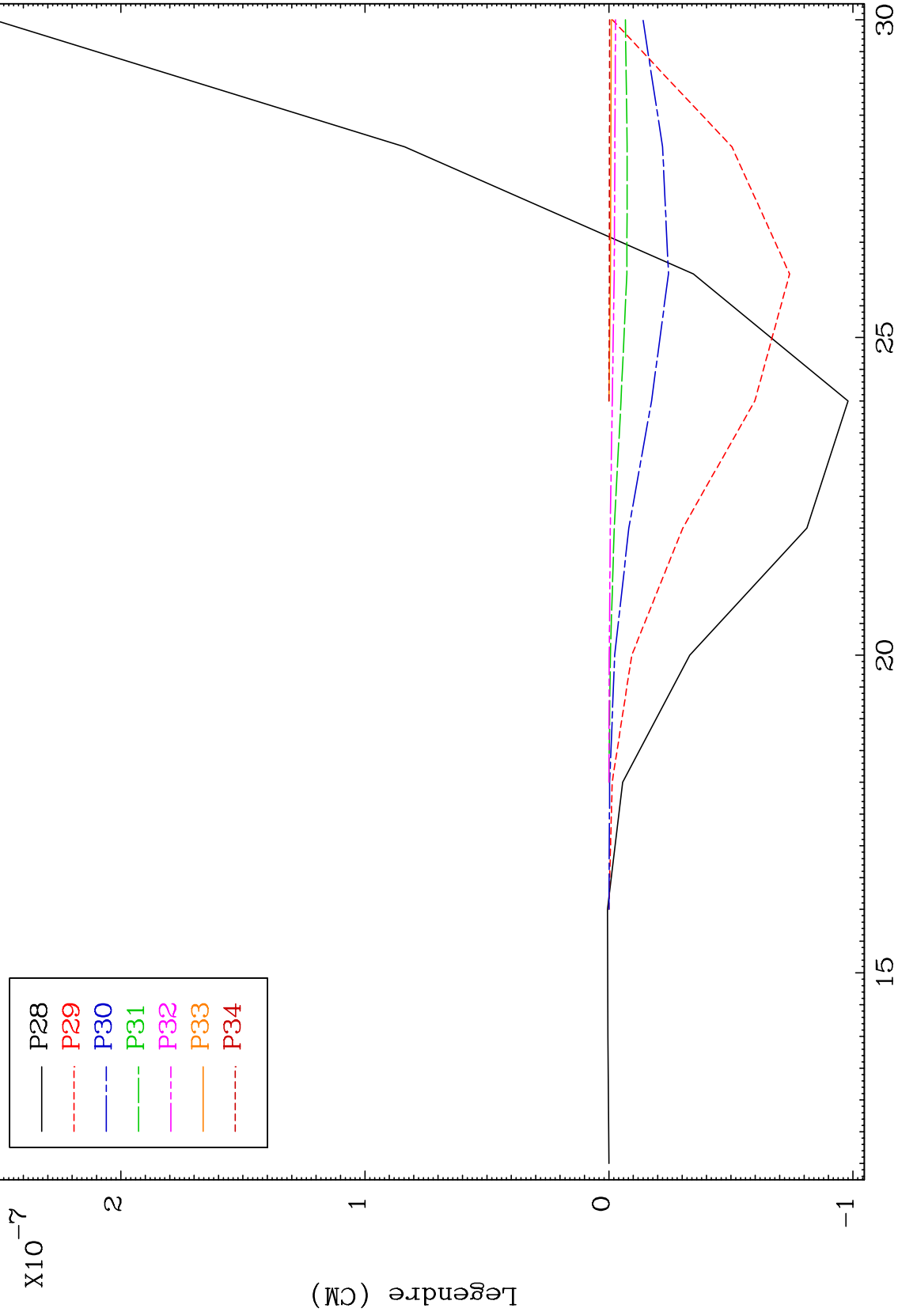
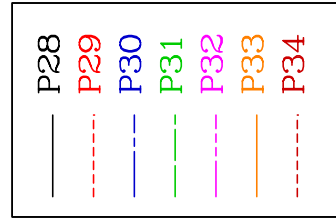
Incident Energy (MeV)

46-Pd-114

MAT 4661

Elastic Legendre Coefficients

46-Pd-114



19

Incident Energy (MeV)

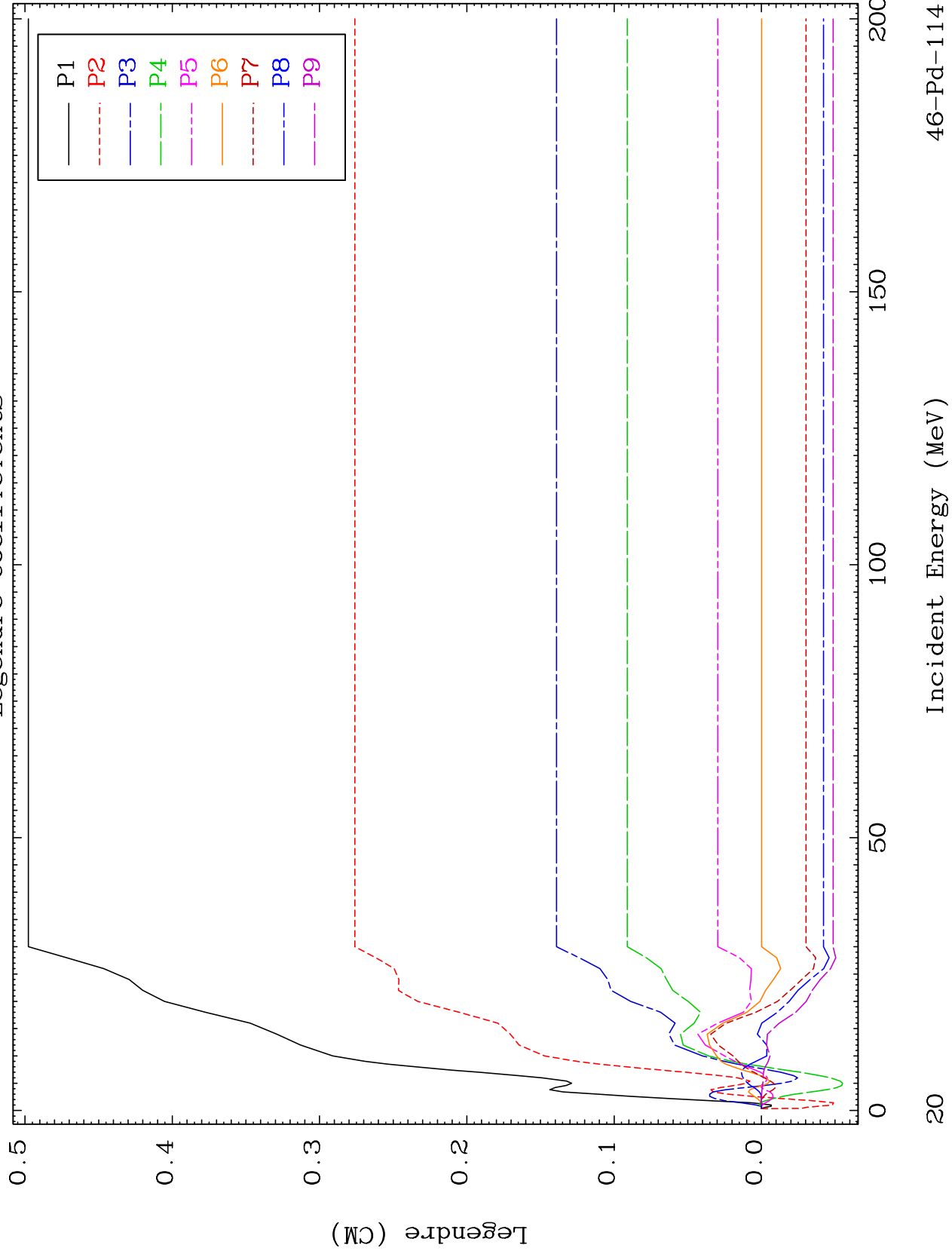
46-Pd-114

MAT 4661

MT= 51 (n,n') Level

46-Pd-114

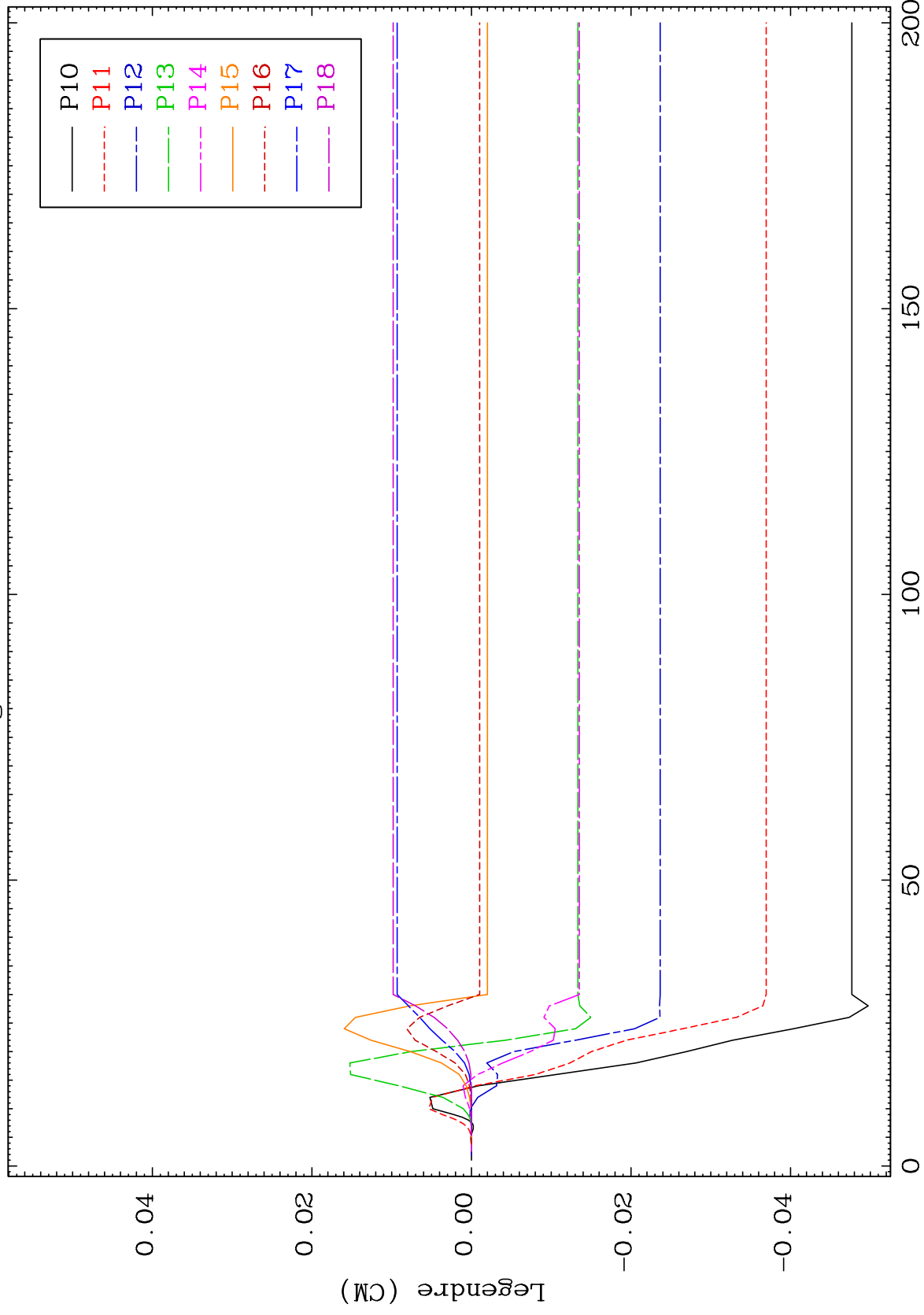
Legendre Coefficients



MAT 4661

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

46-Pd-114



21

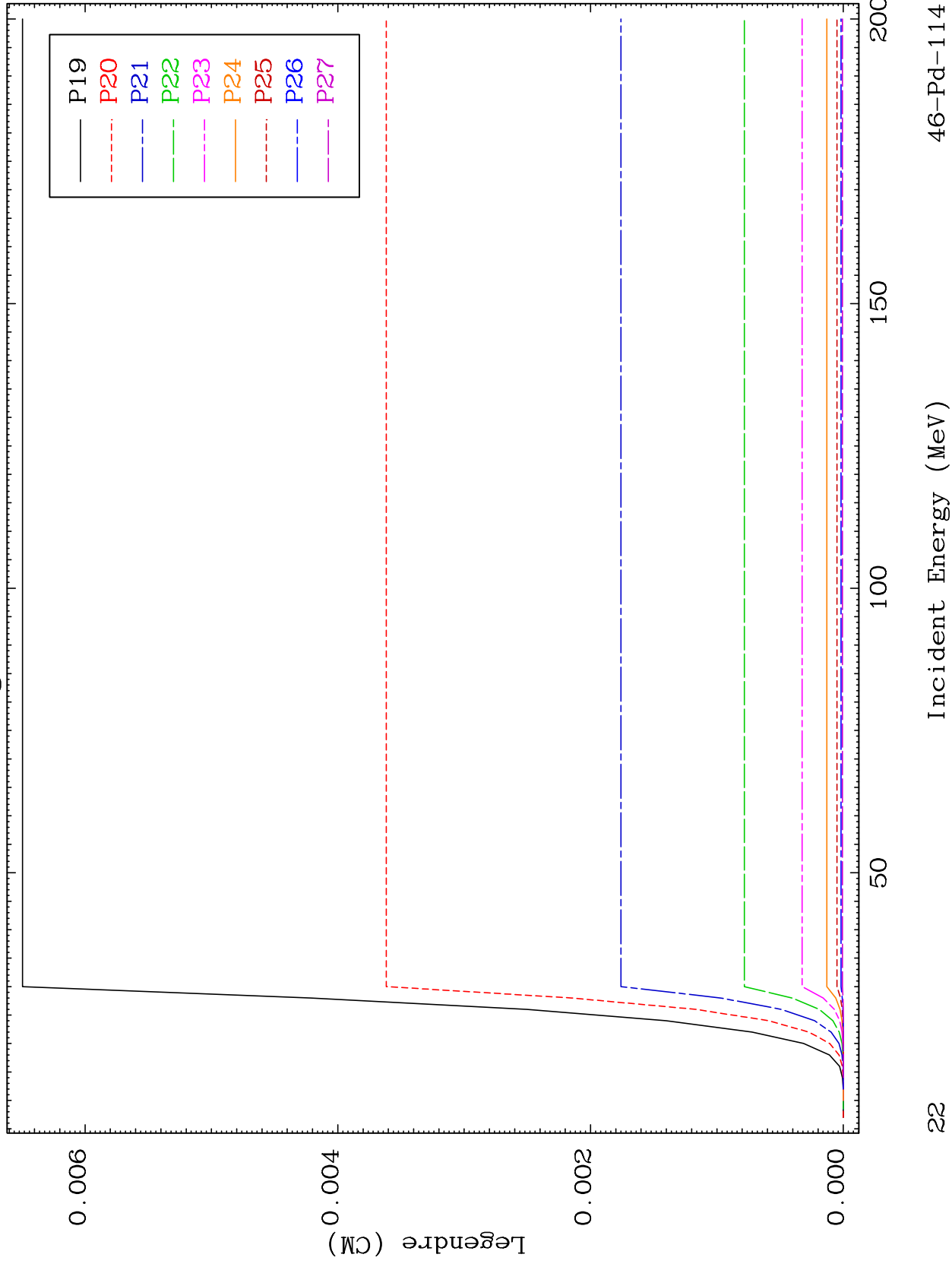
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



22

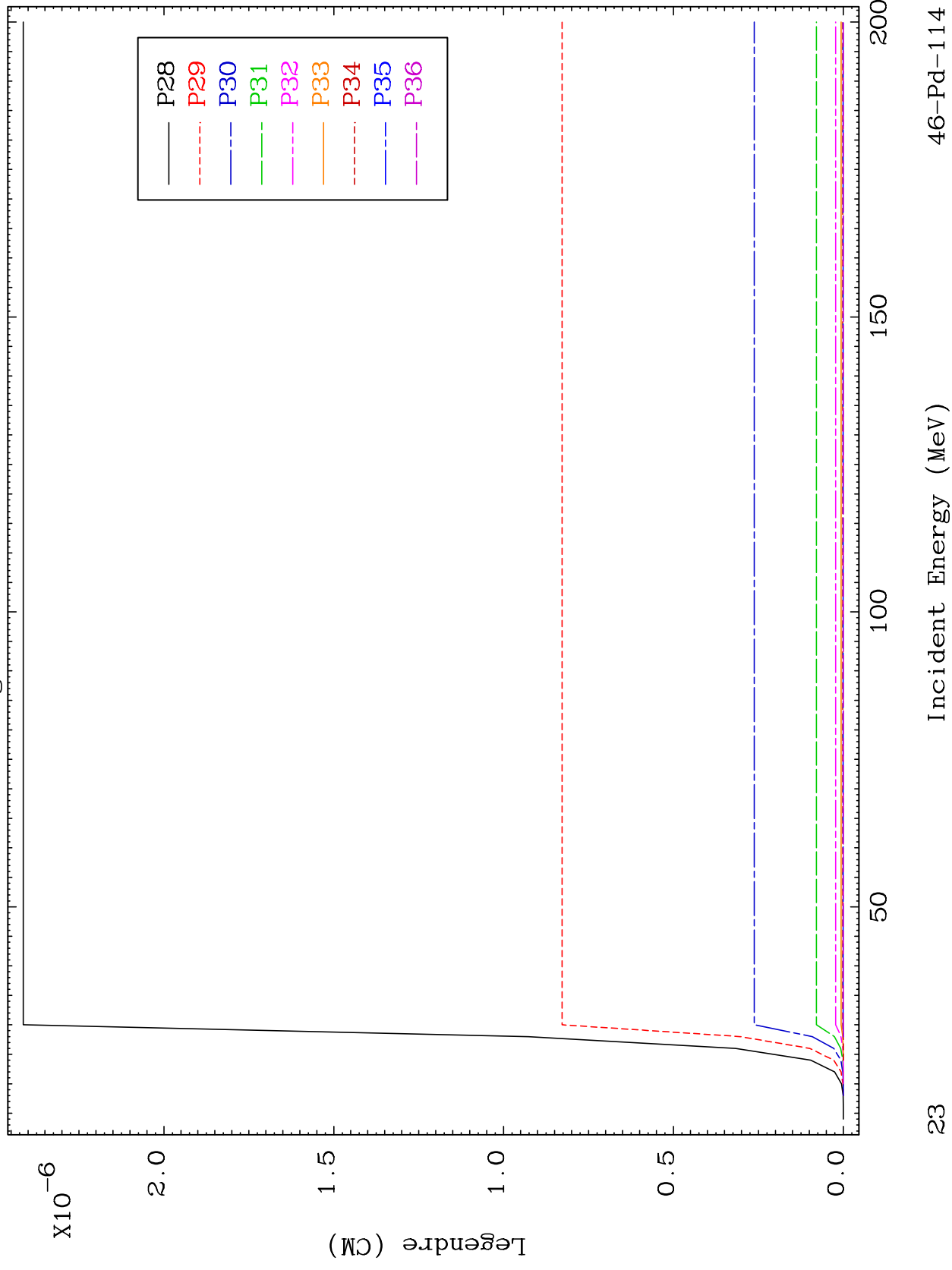
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114

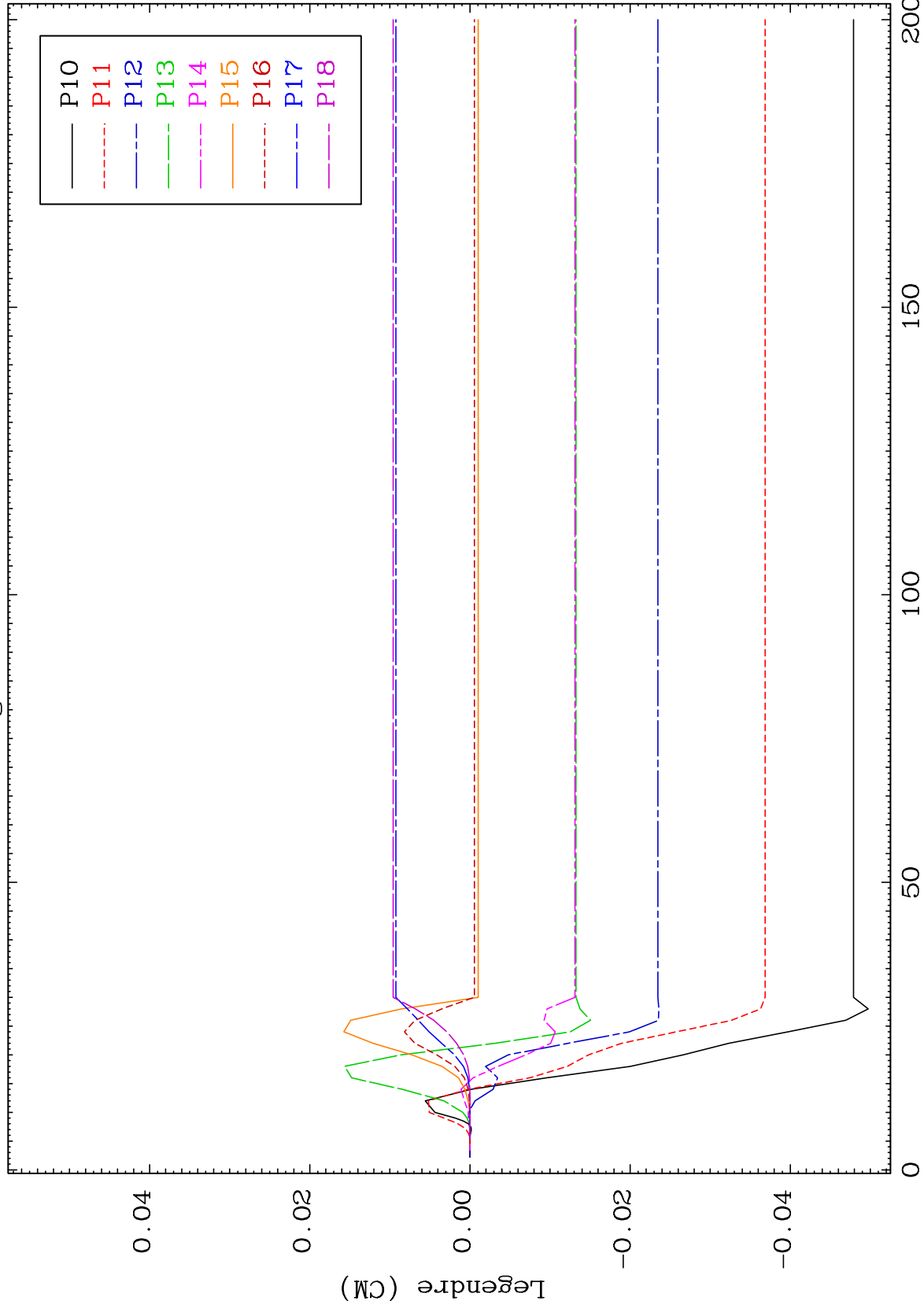


23

MAT 4661

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

46-Pd-114



25

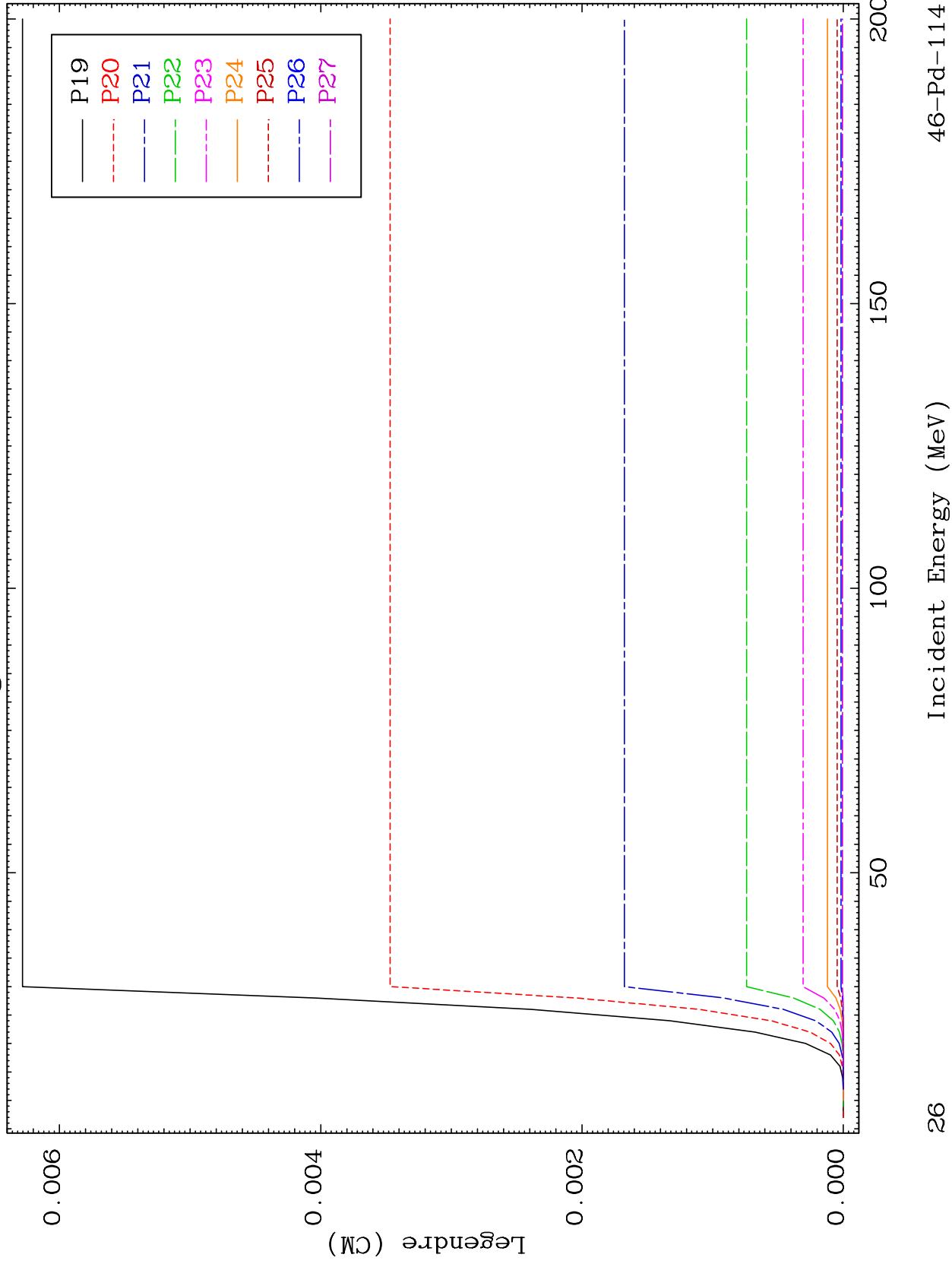
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



26

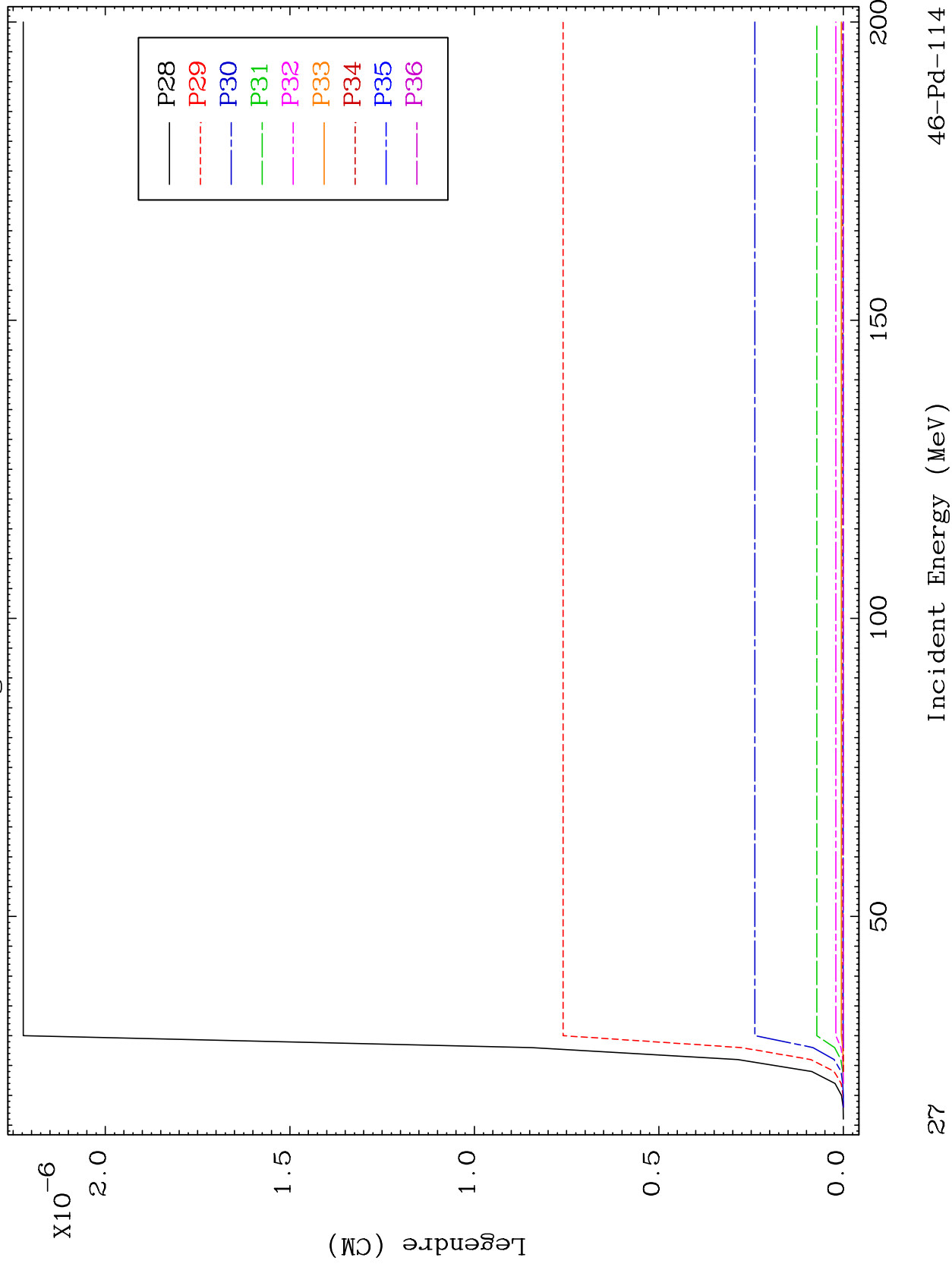
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

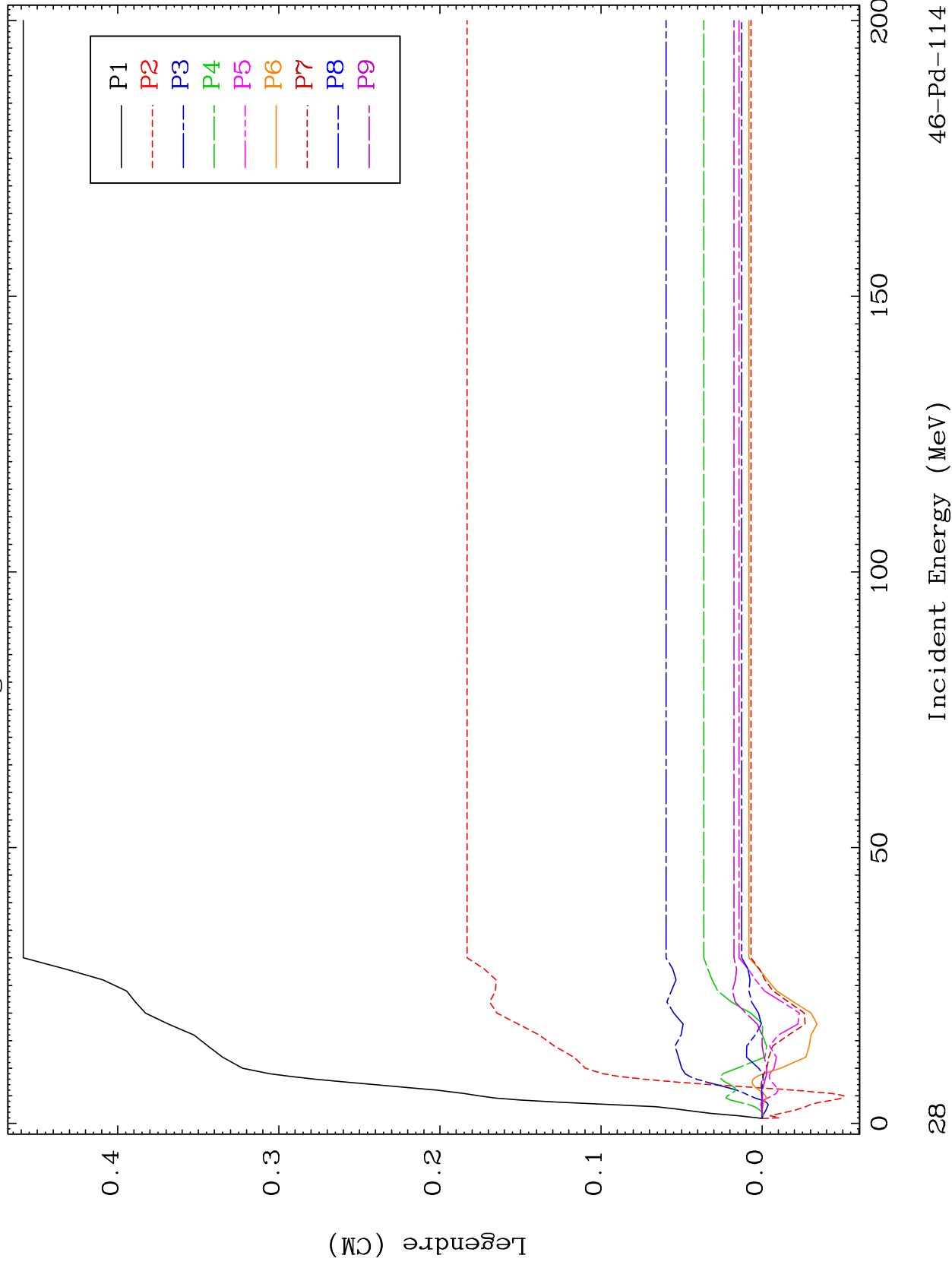
46-Pd-114



MAT 4661

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

46-Pd-114



46-Pd-114

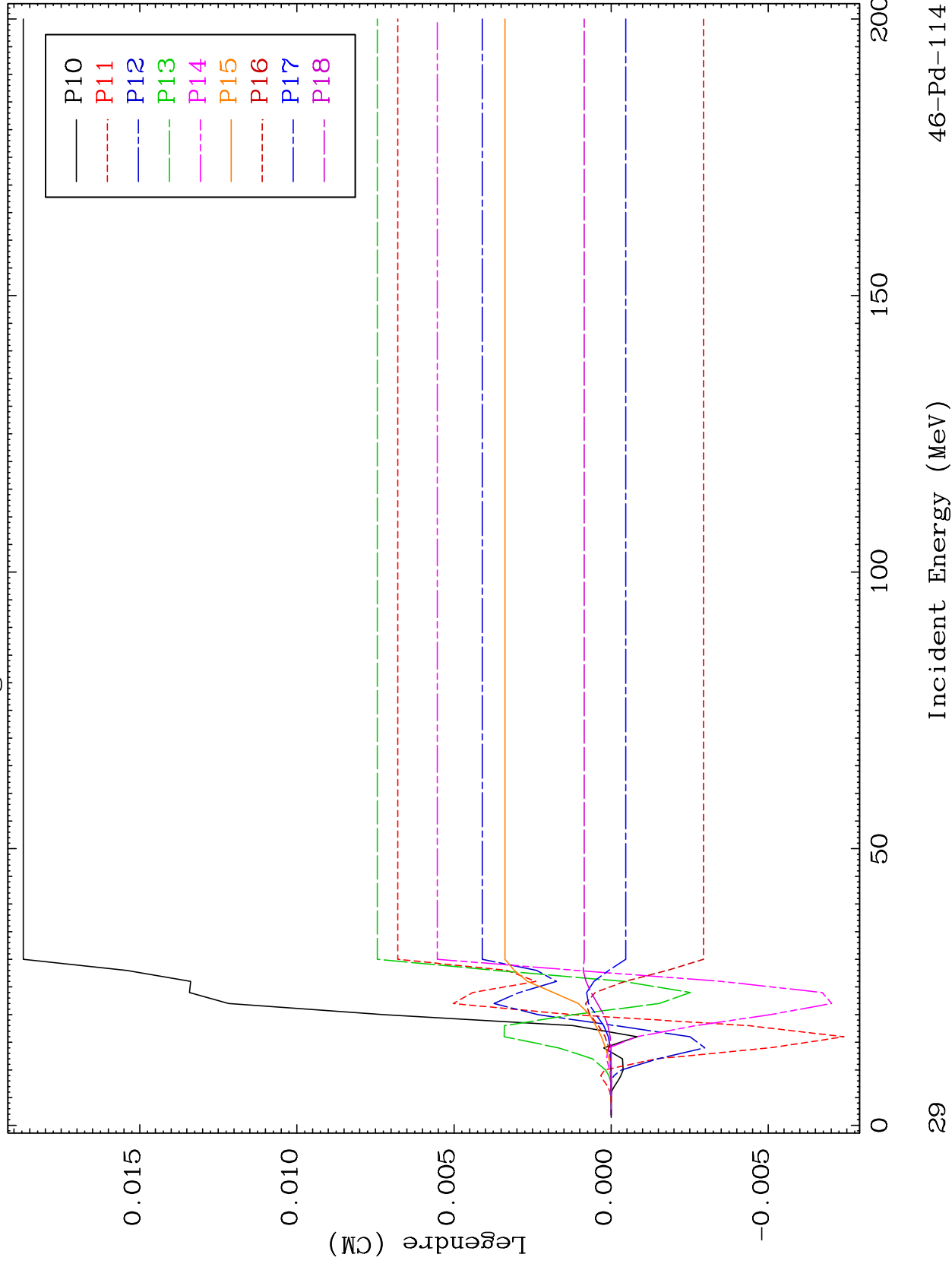
Incident Energy (MeV)

28

MAT 4661

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

46-Pd-114



29

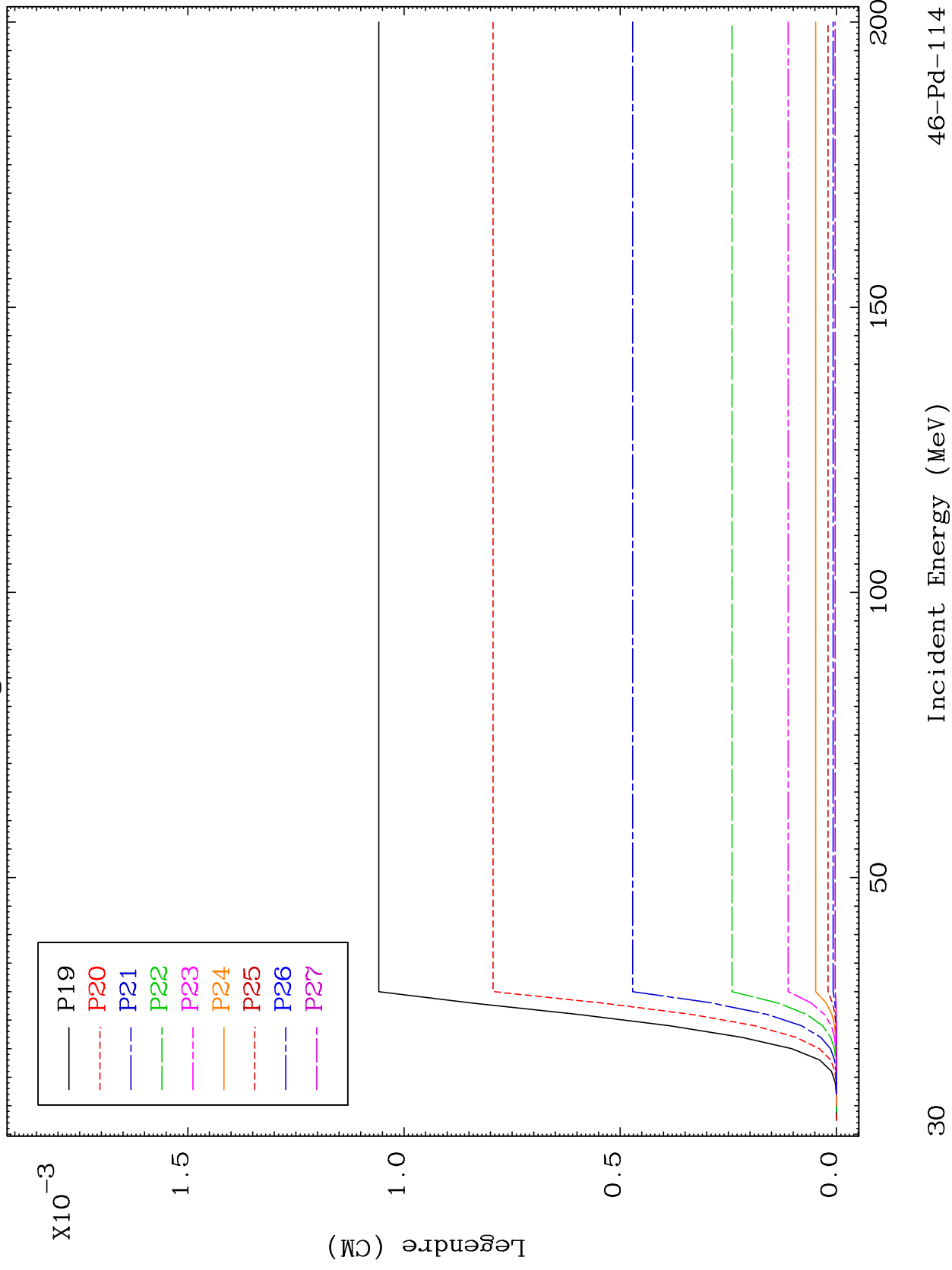
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

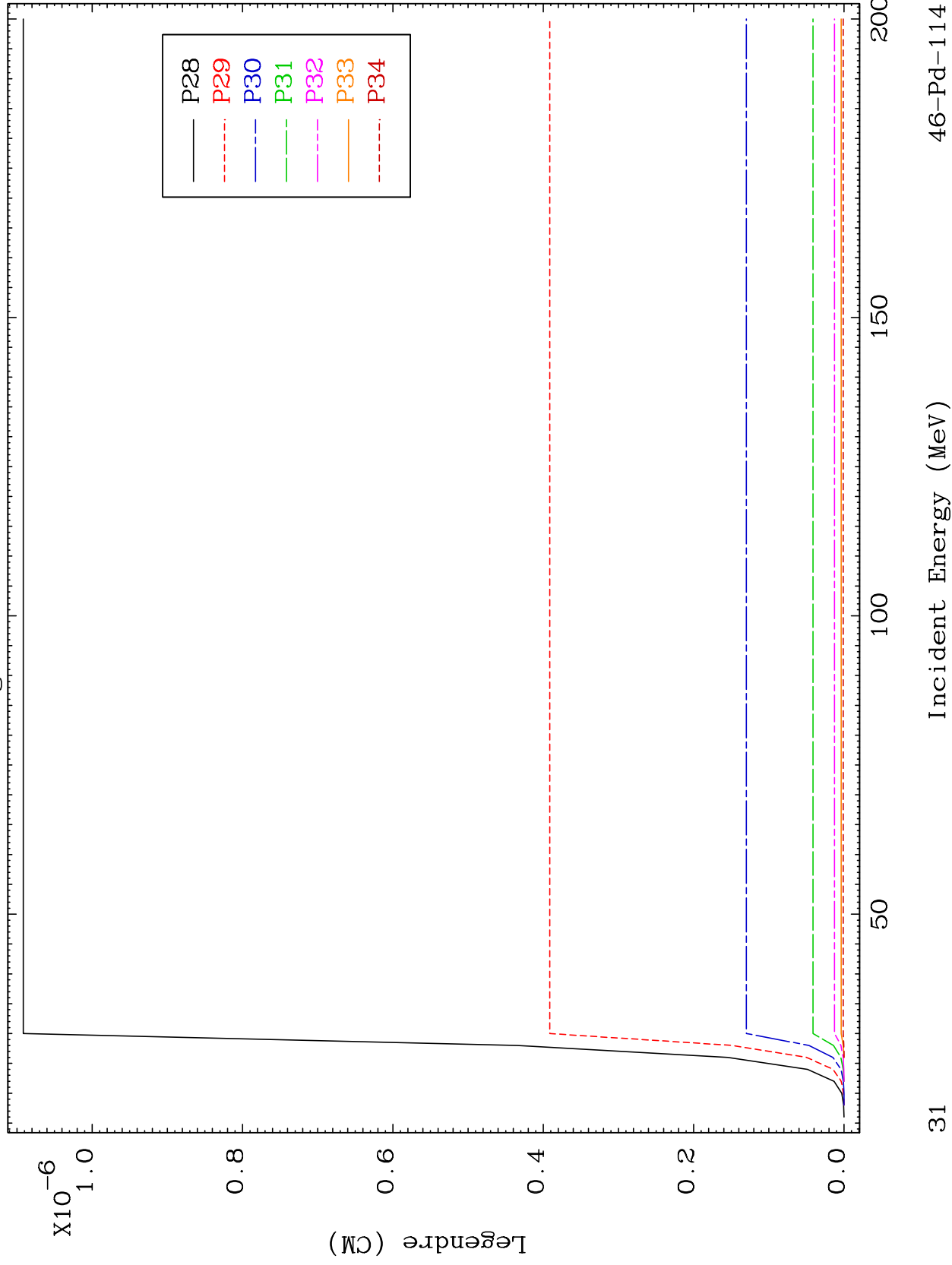
46-Pd-114



MAT 4661

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

46-Pd-114



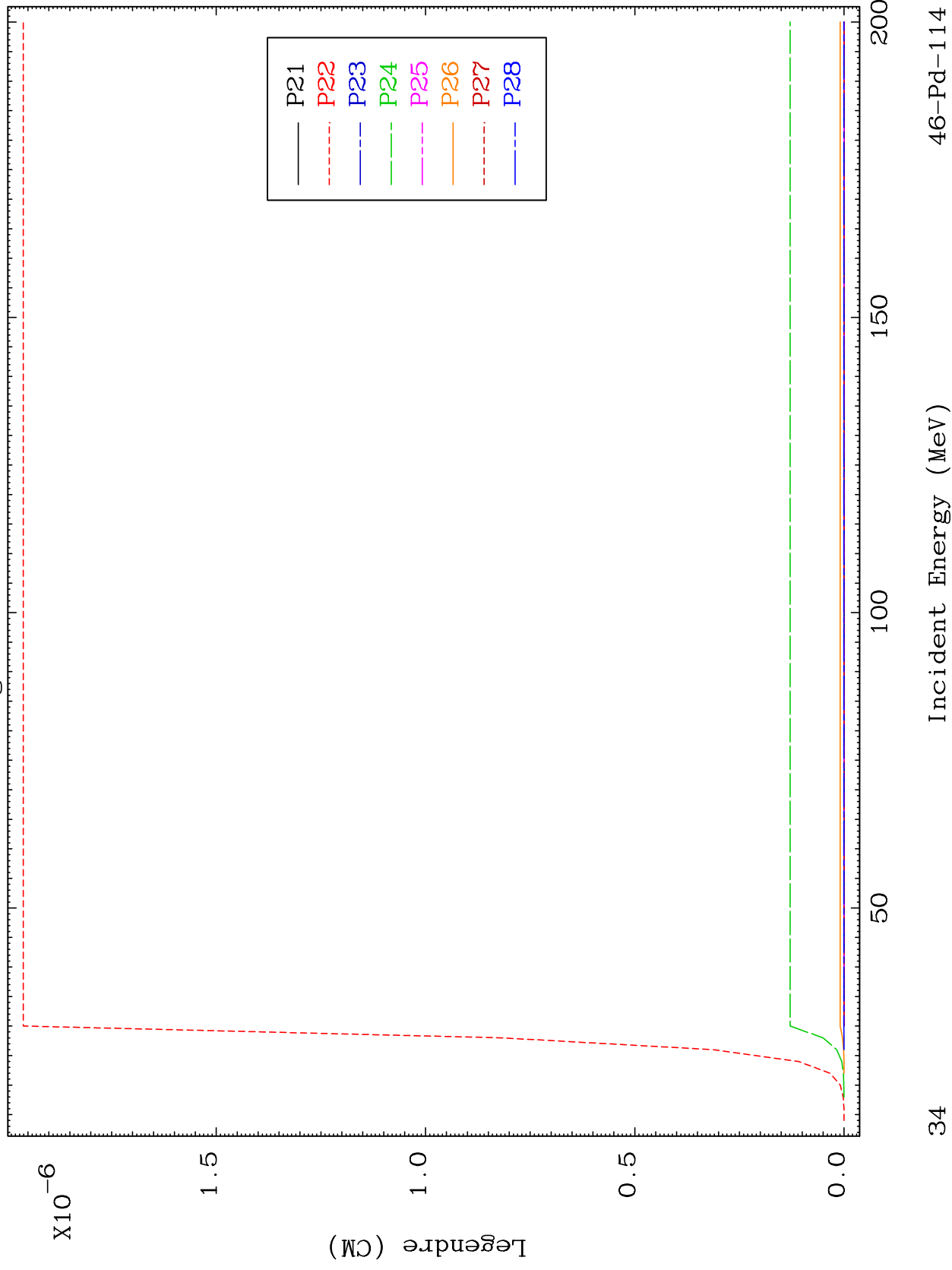
31

46-Pd-114

MAT 4661

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

46-Pd-114



34

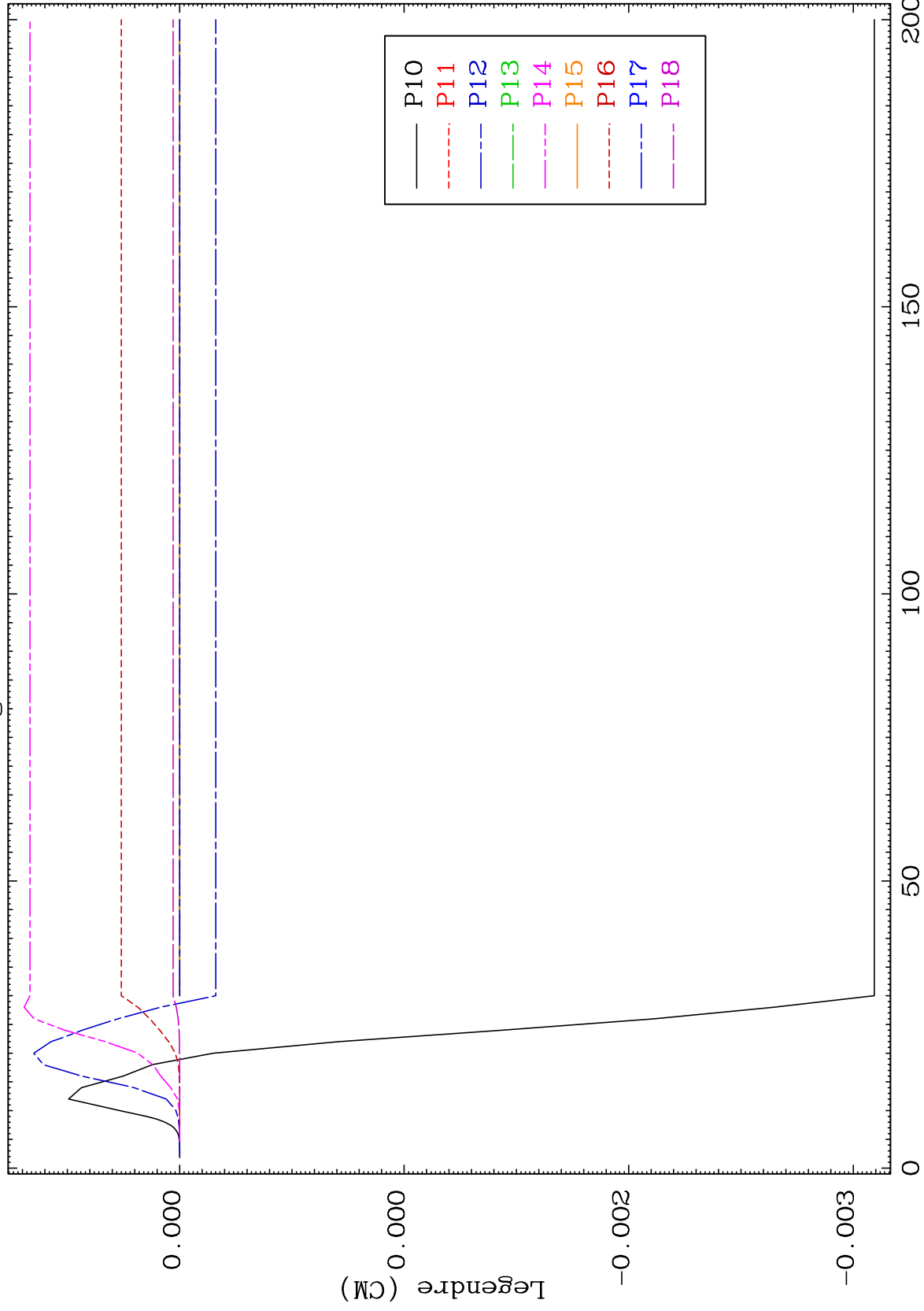
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

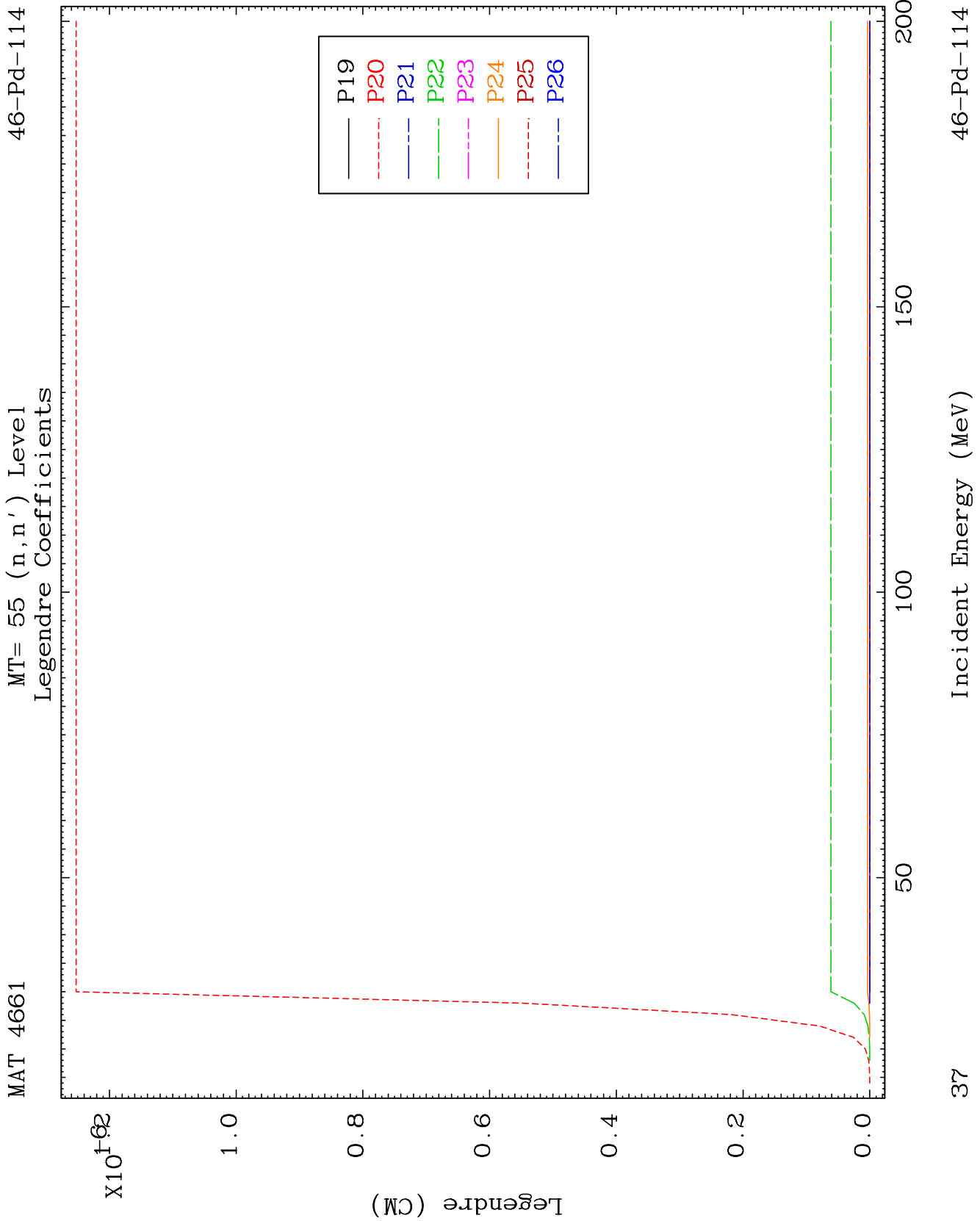
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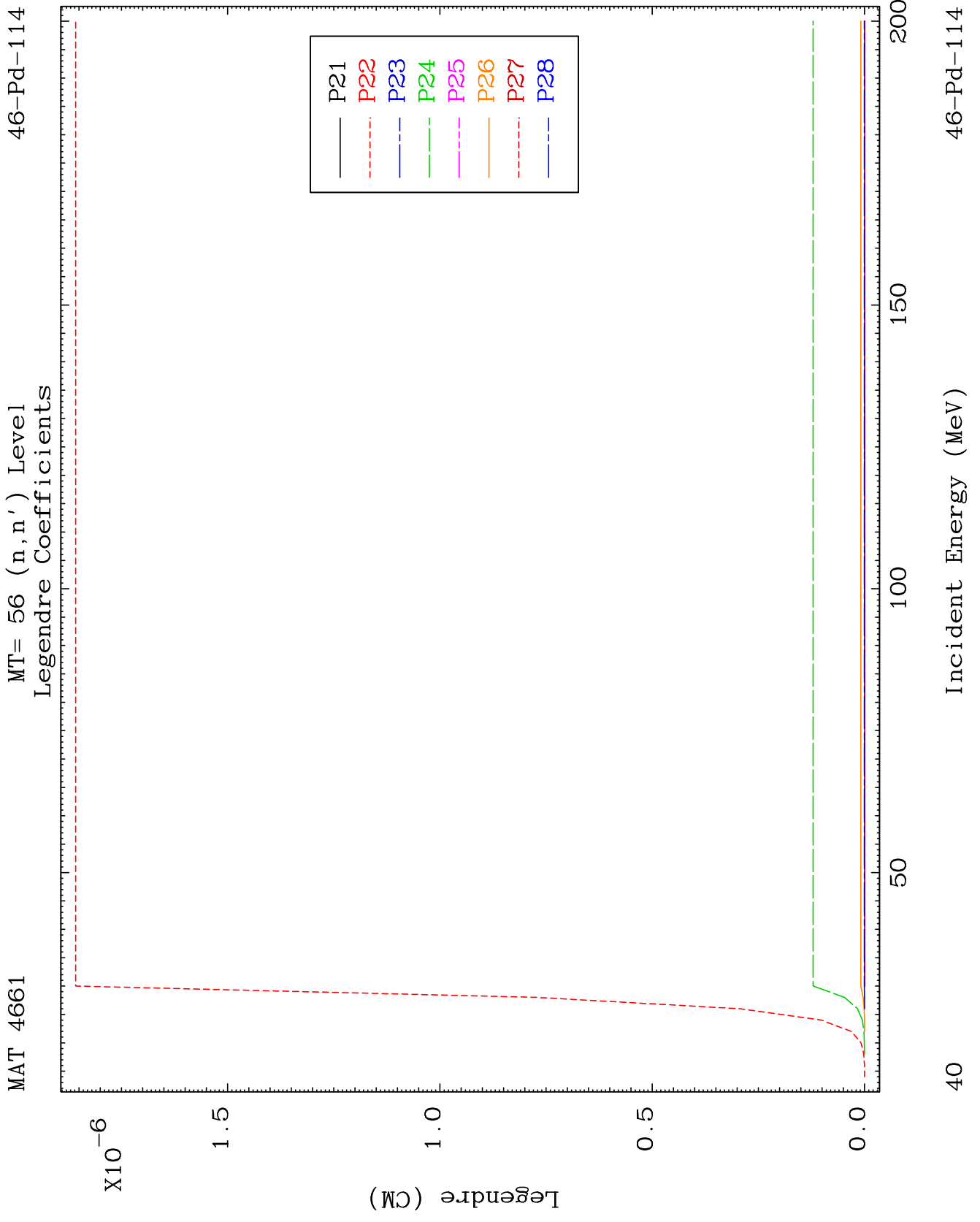


36

Incident Energy (MeV)

46-Pd-114



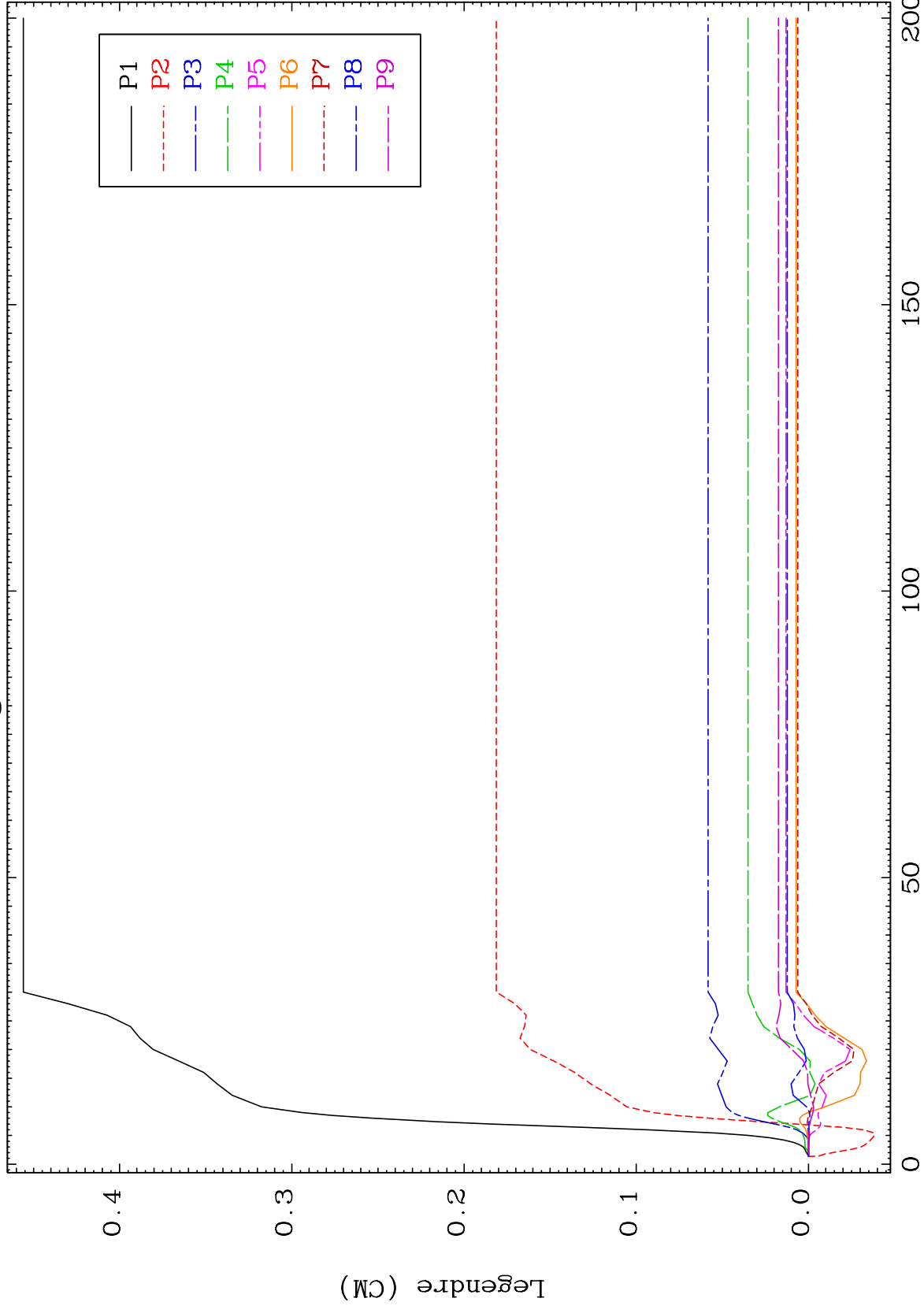


MAT 4661

MT= 57 (n,n') Level

46-Pd-114

Legendre Coefficients



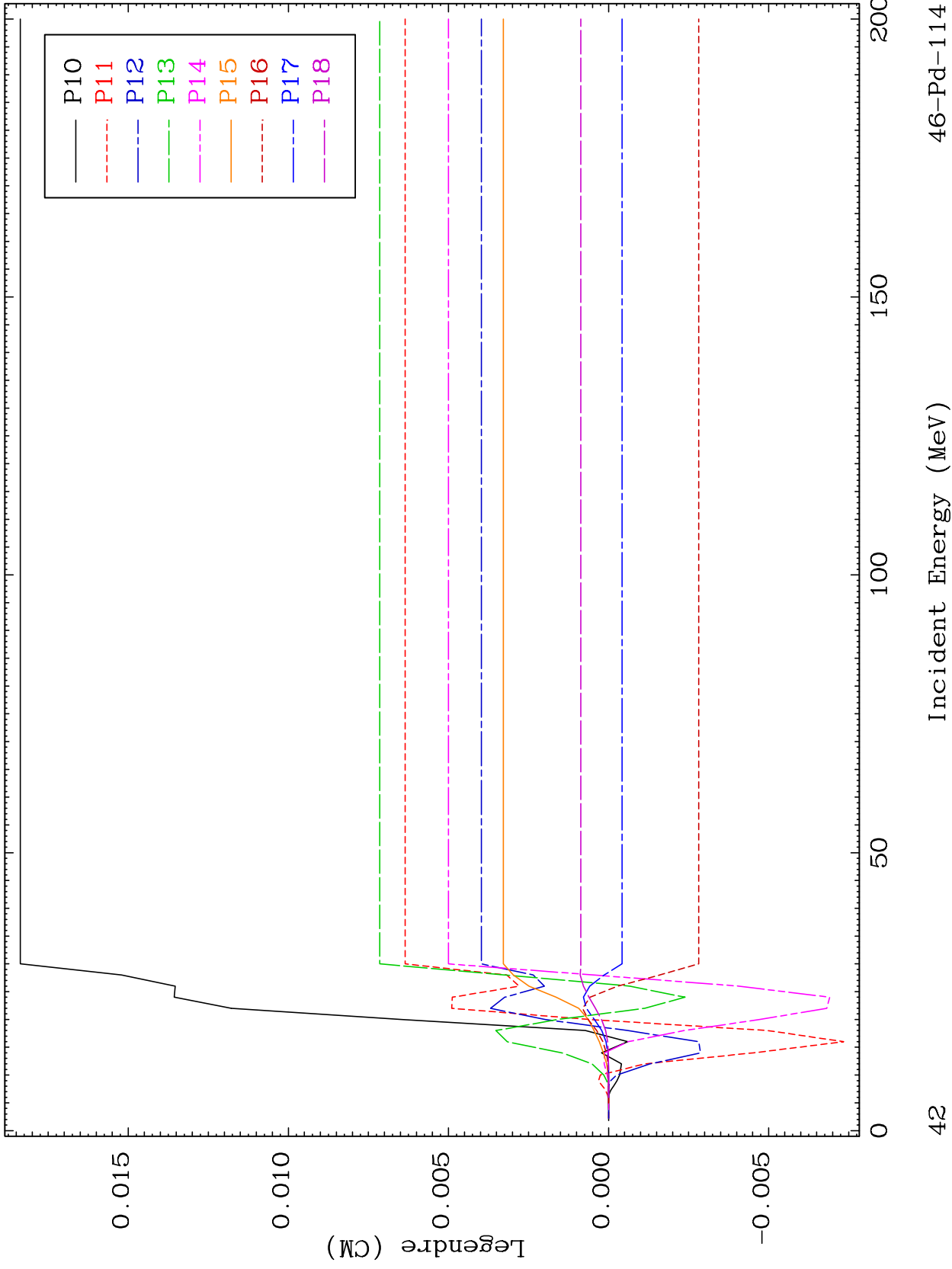
41

46-Pd-114

MAT 4661

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

46-Pd-114



42

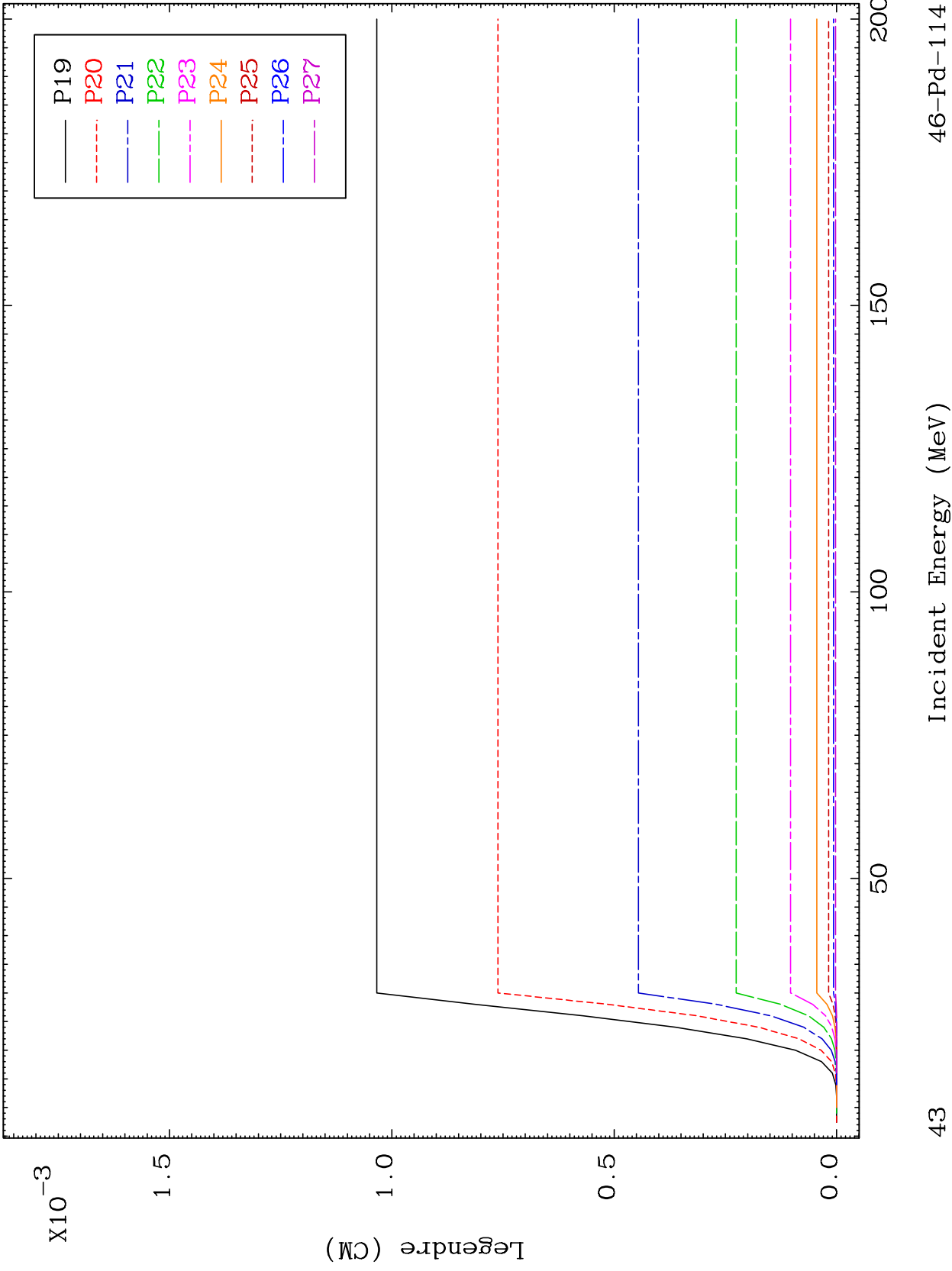
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



43

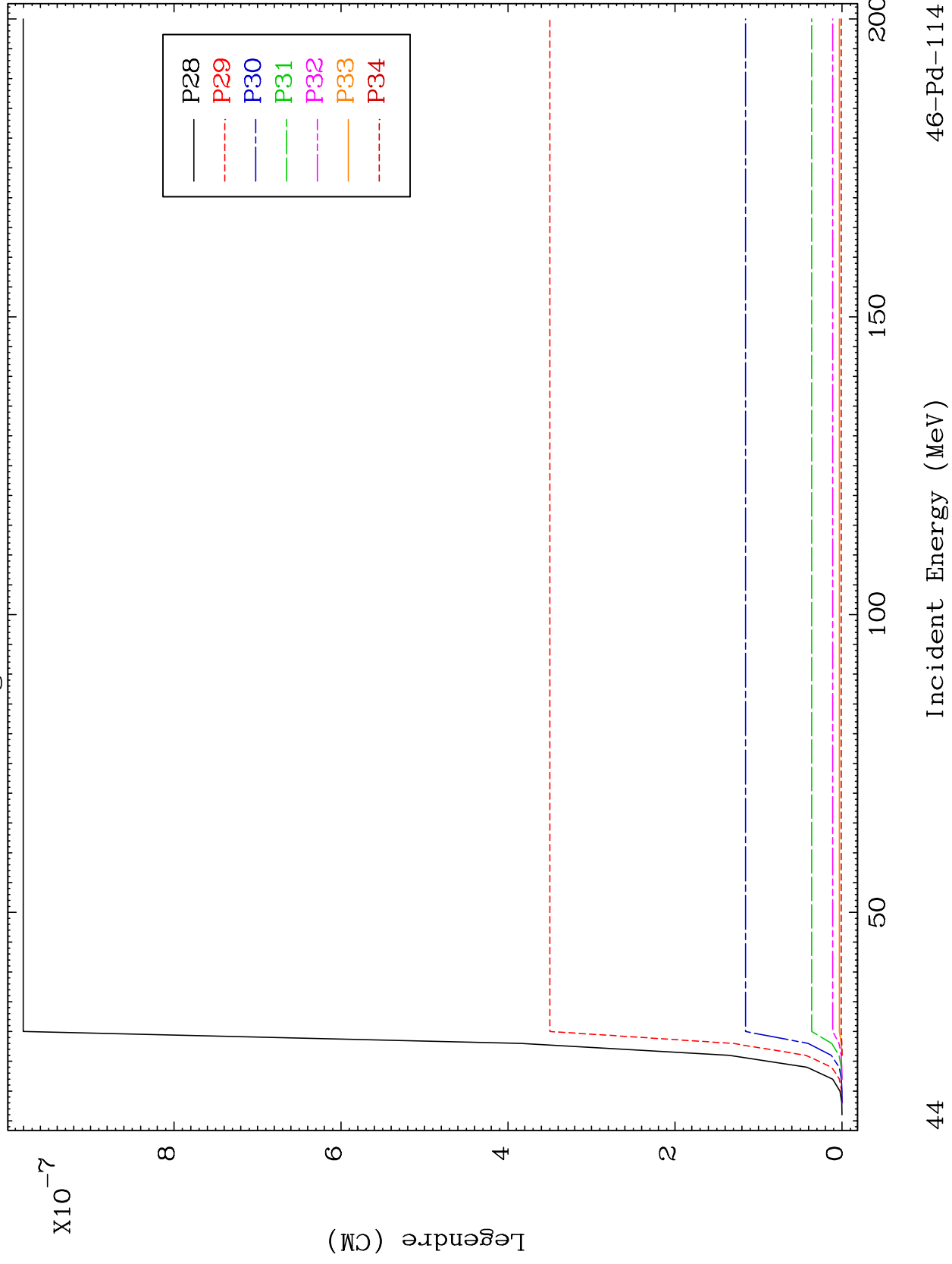
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



44

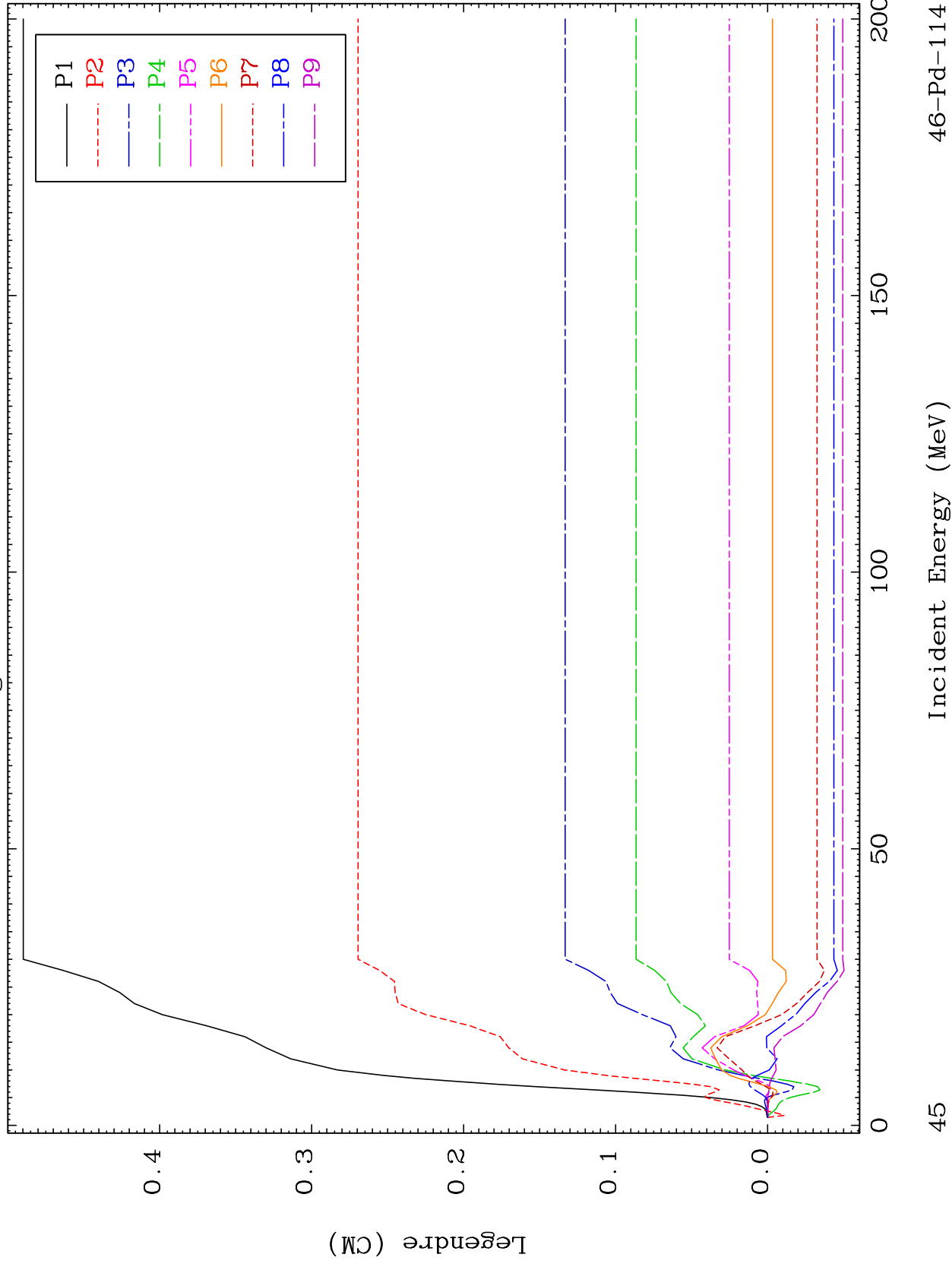
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



46-Pd-114

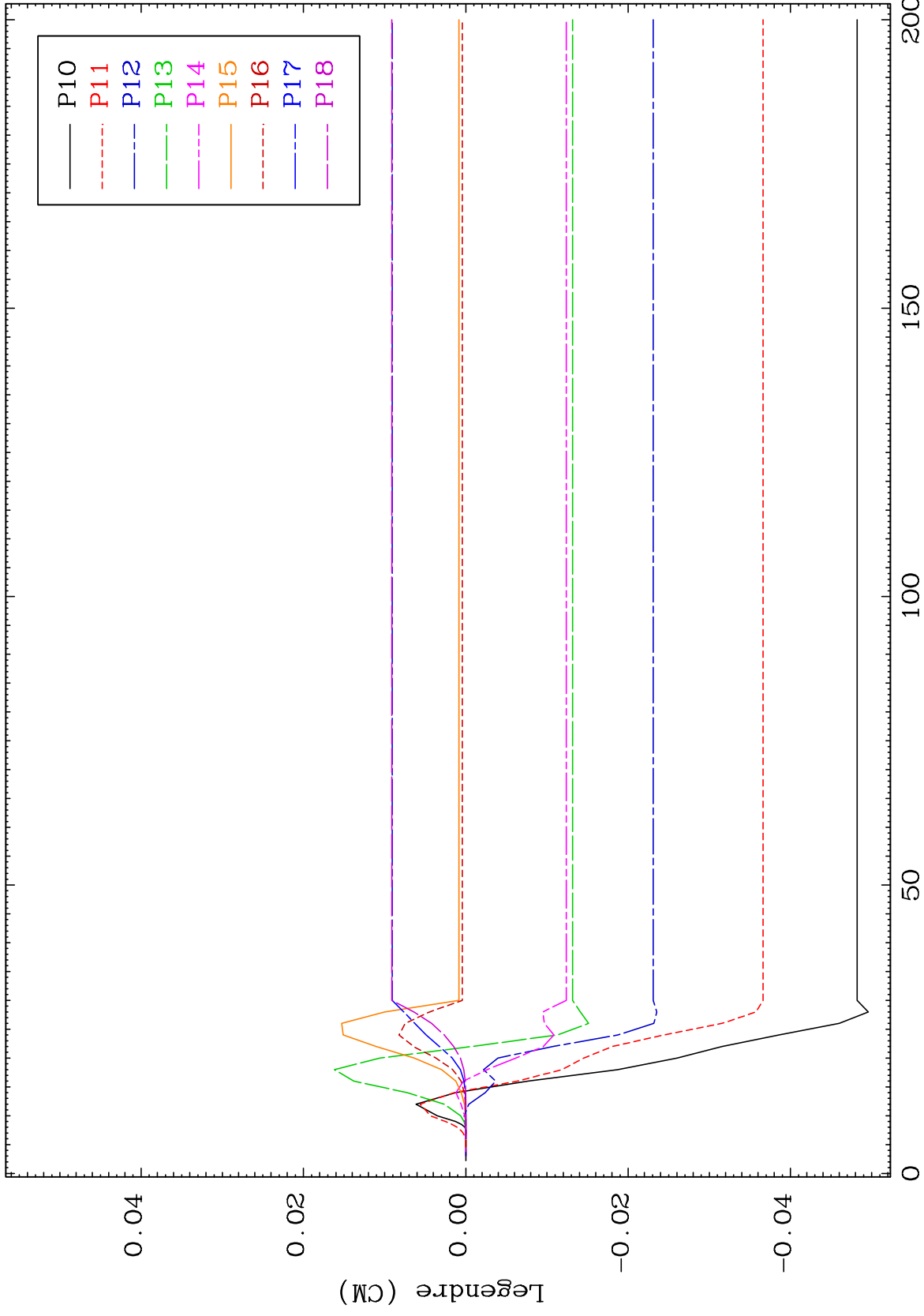
Incident Energy (MeV)

45

MAT 4661

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

46-Pd-114



46

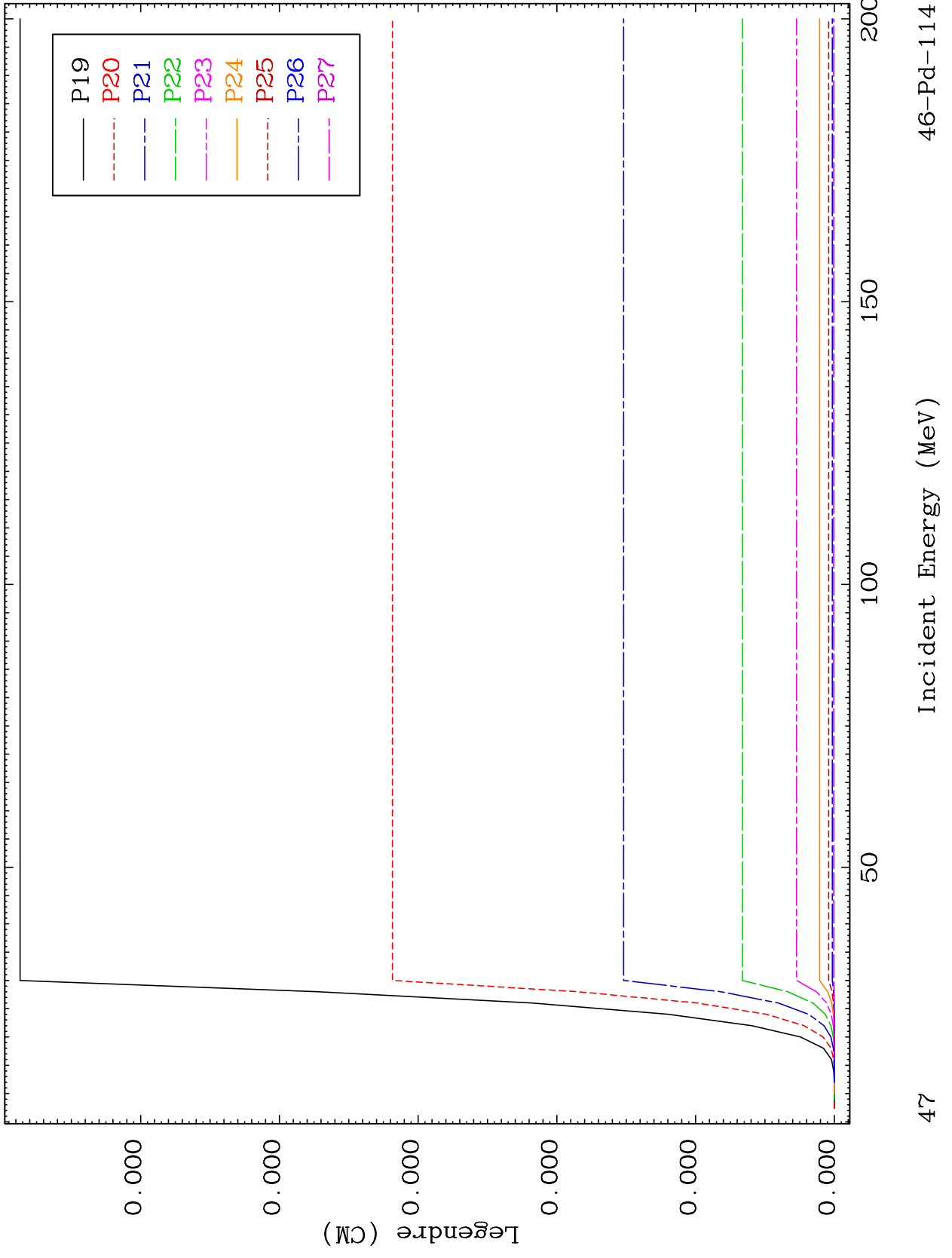
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



47

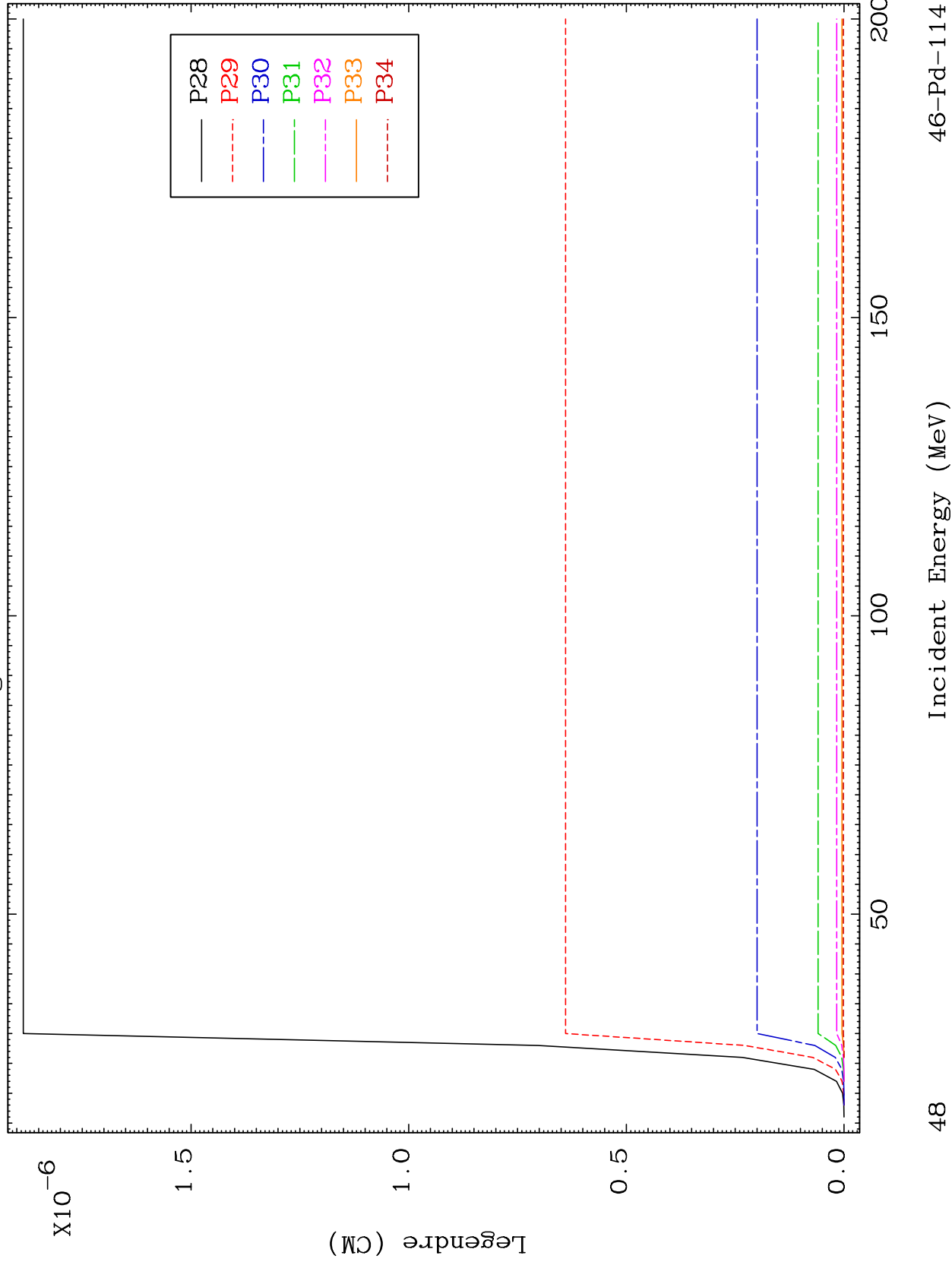
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



48

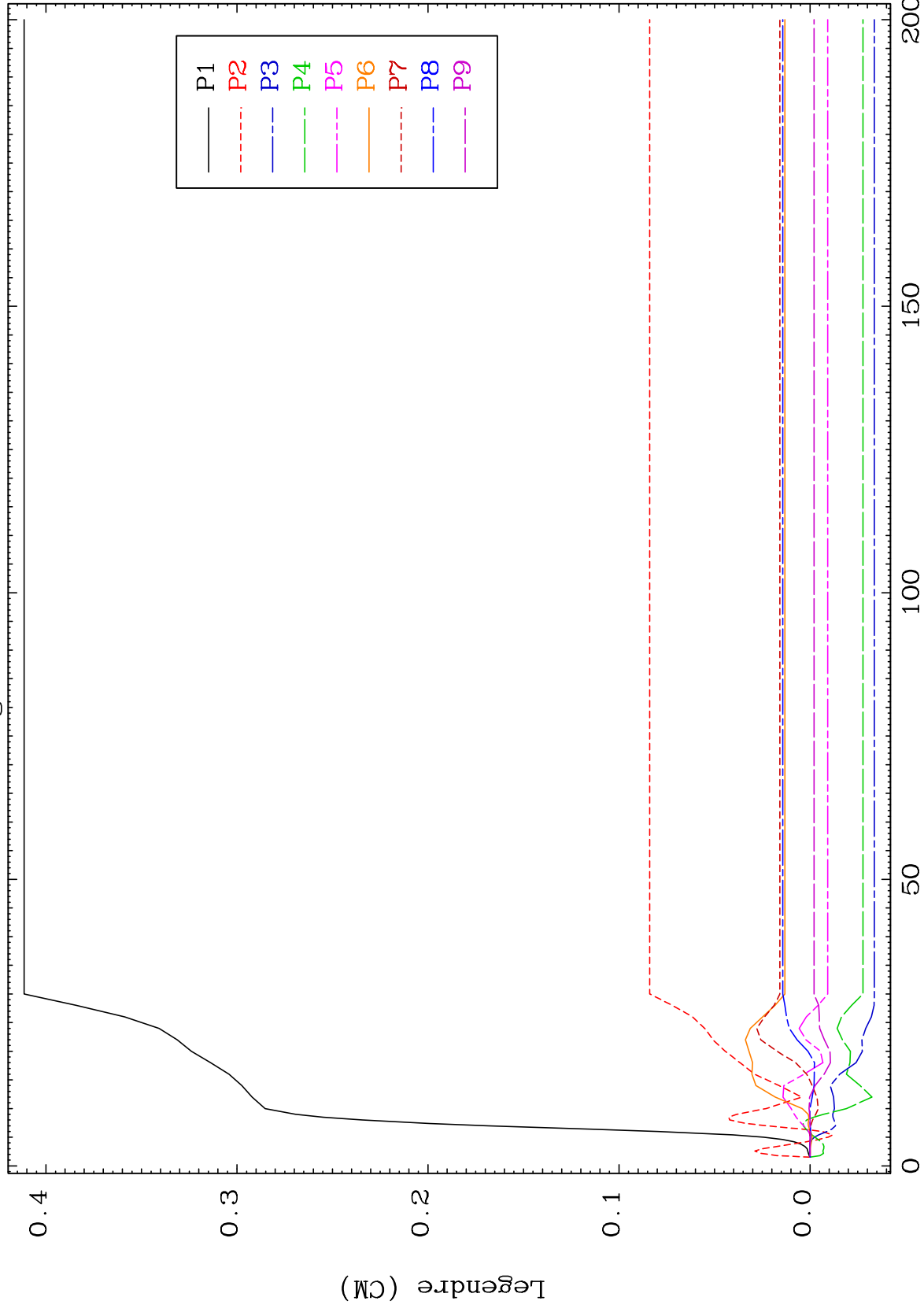
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



49

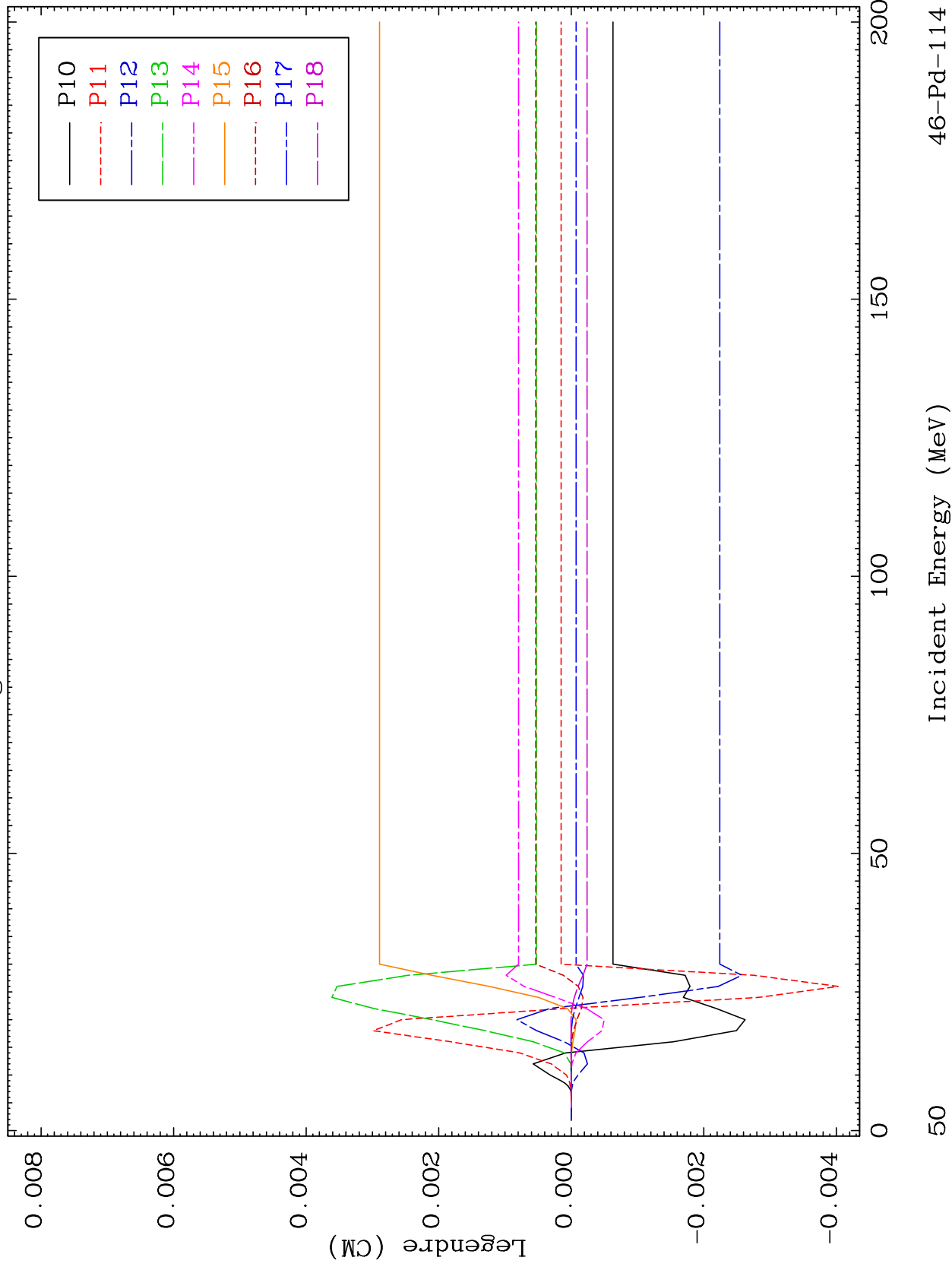
Incident Energy (MeV)

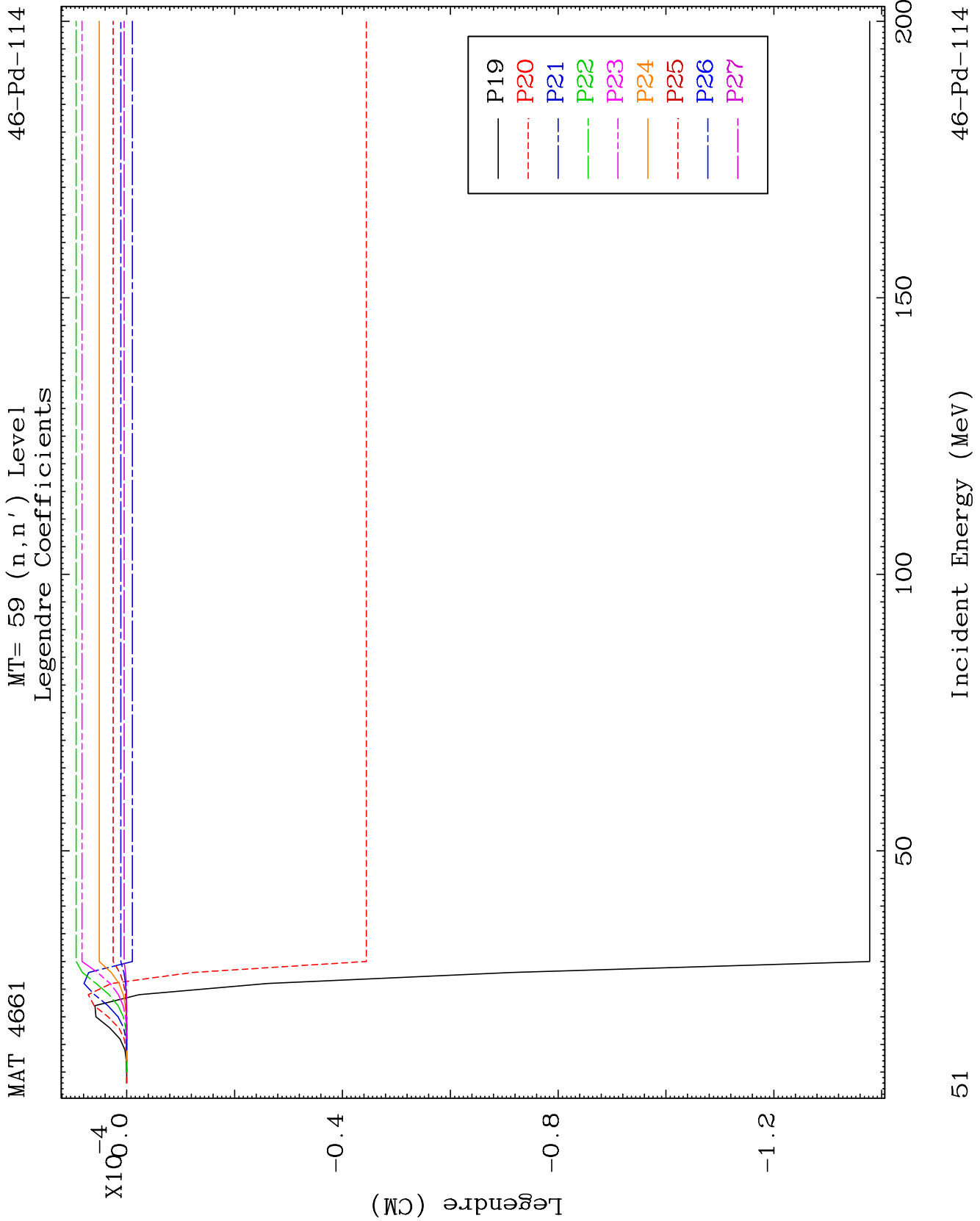
46-Pd-114

MAT 4661

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

46-Pd-114

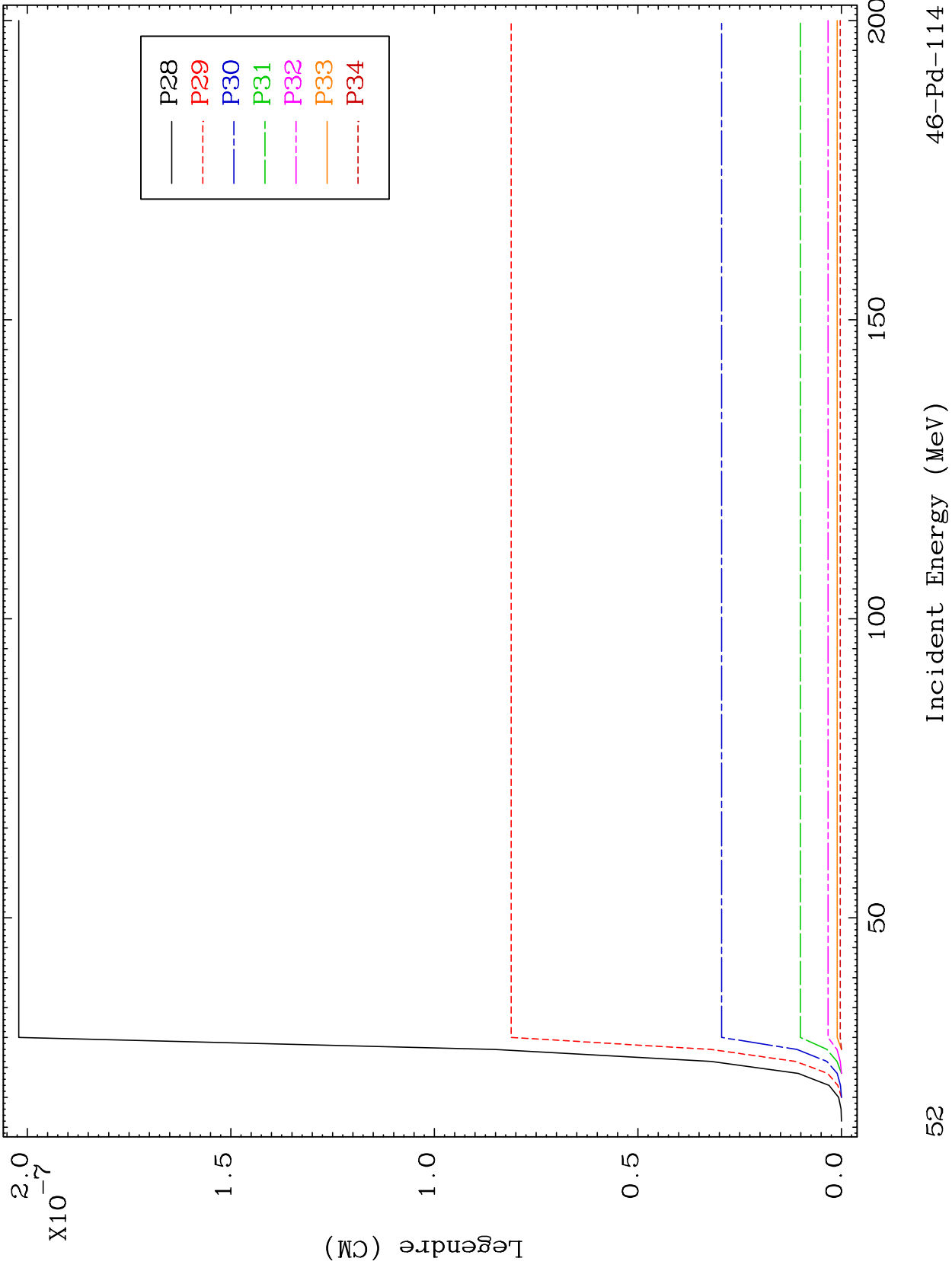




MAT 4661

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

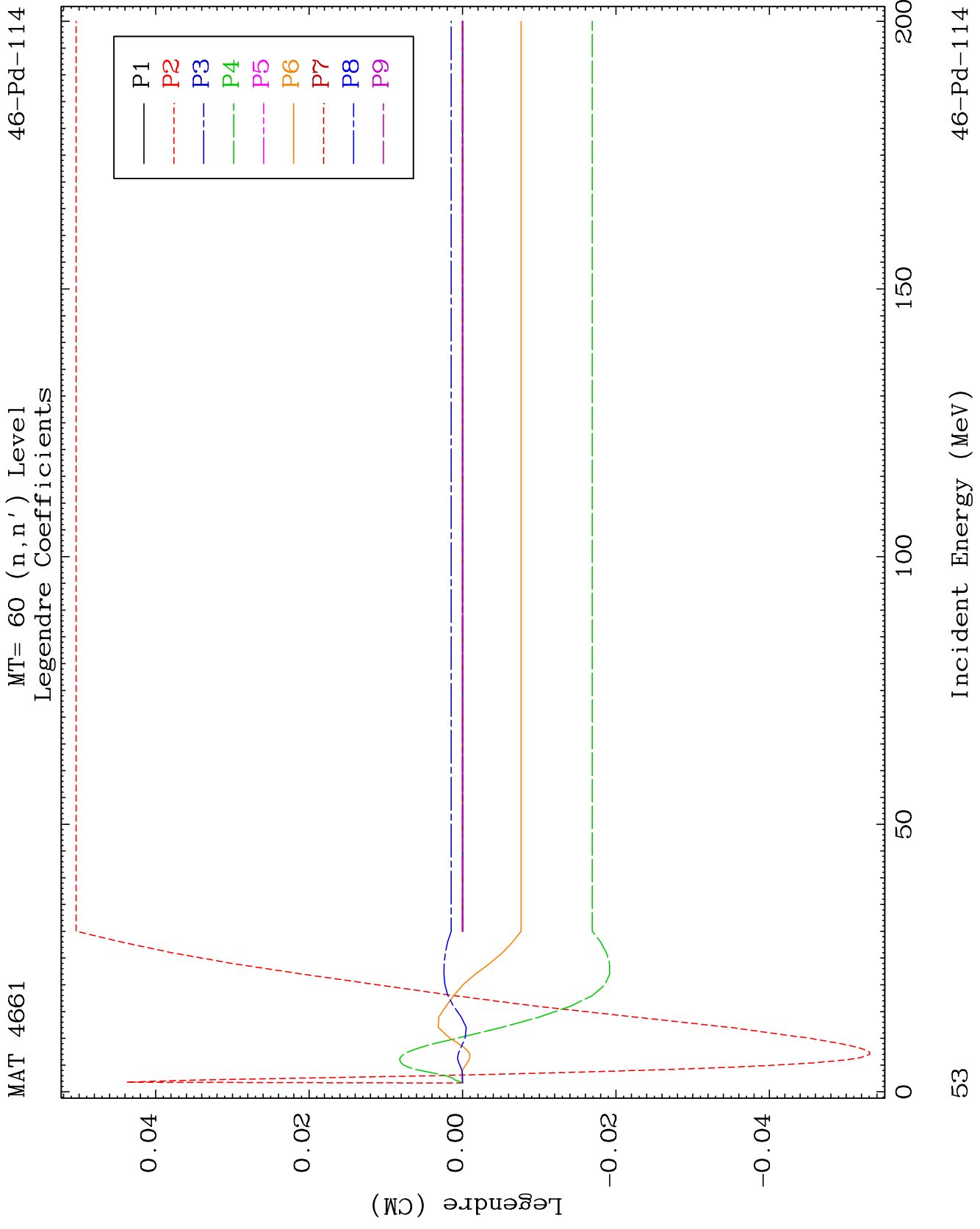
46-Pd-114



52

Incident Energy (MeV)

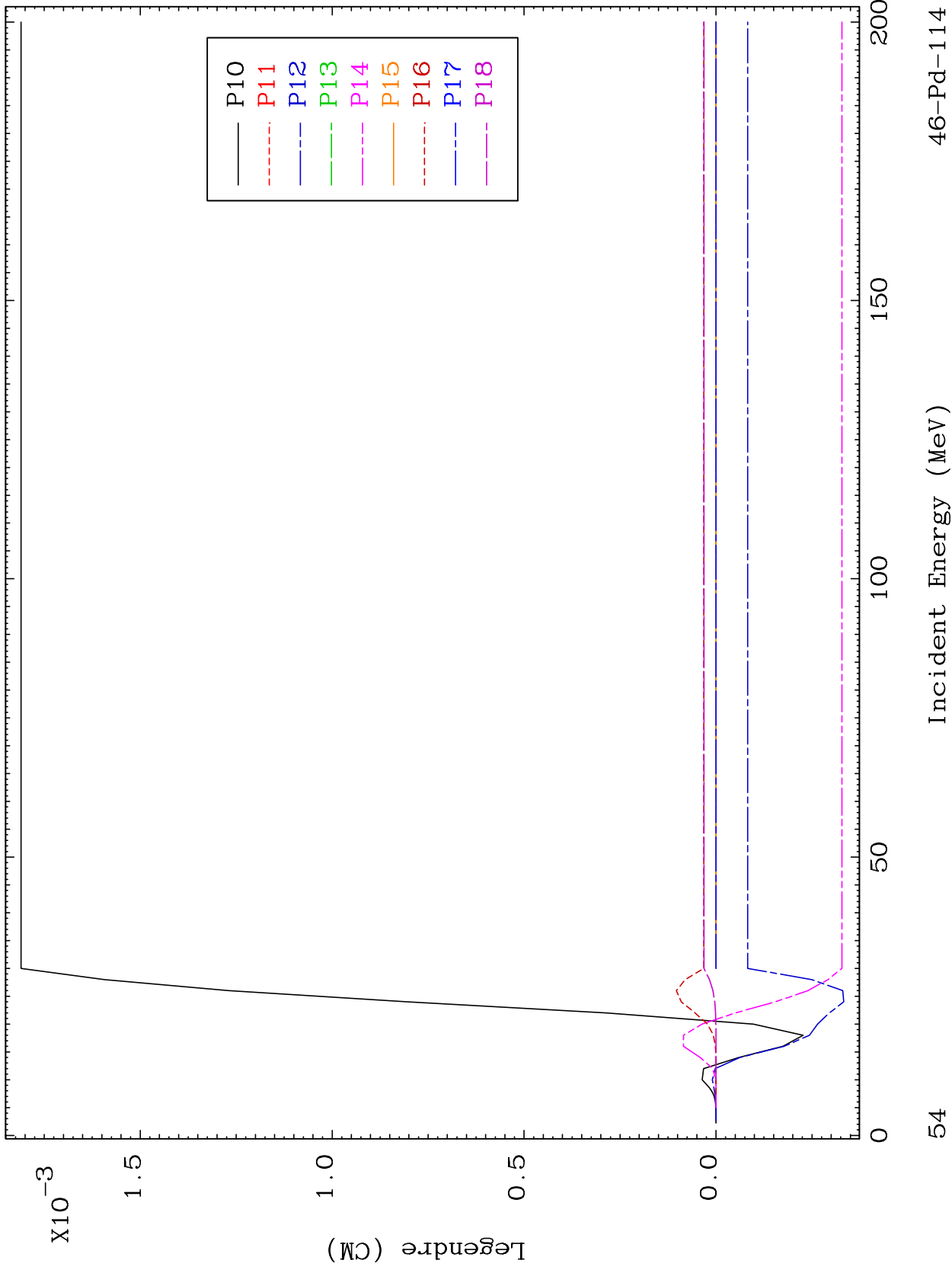
46-Pd-114



MAT 4661

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

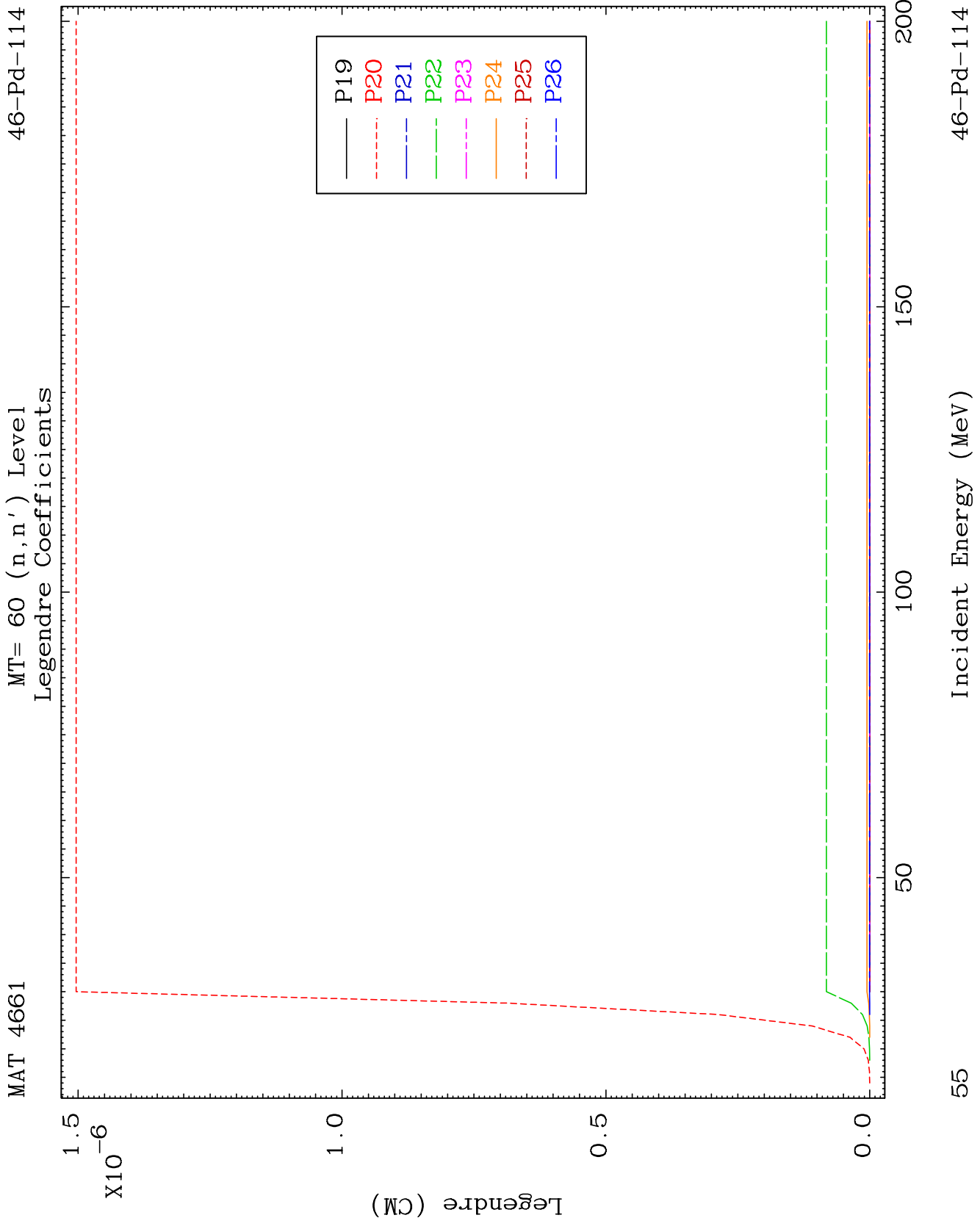
46-Pd-114



54

Incident Energy (MeV)

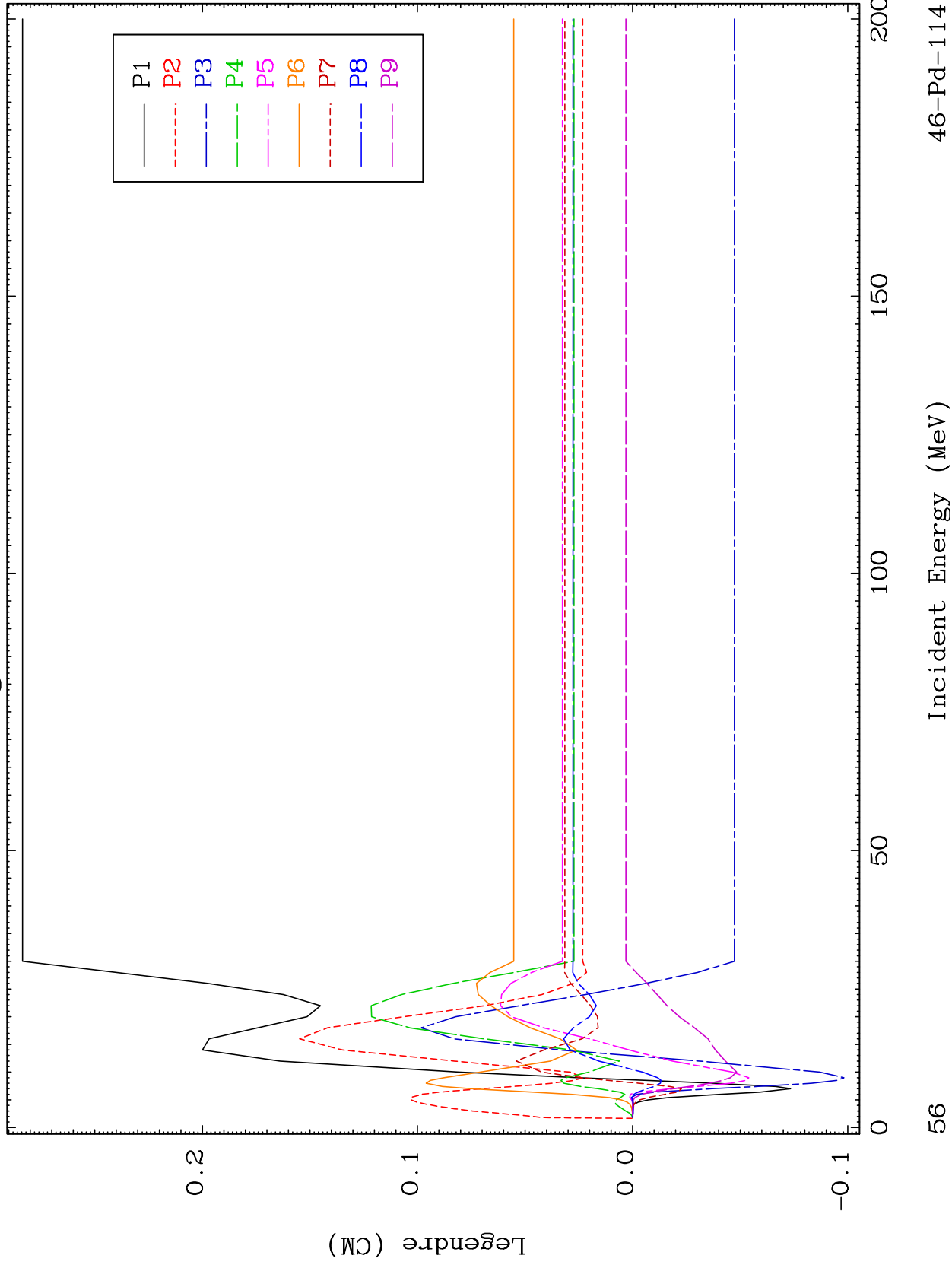
46-Pd-114



MAT 4661

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

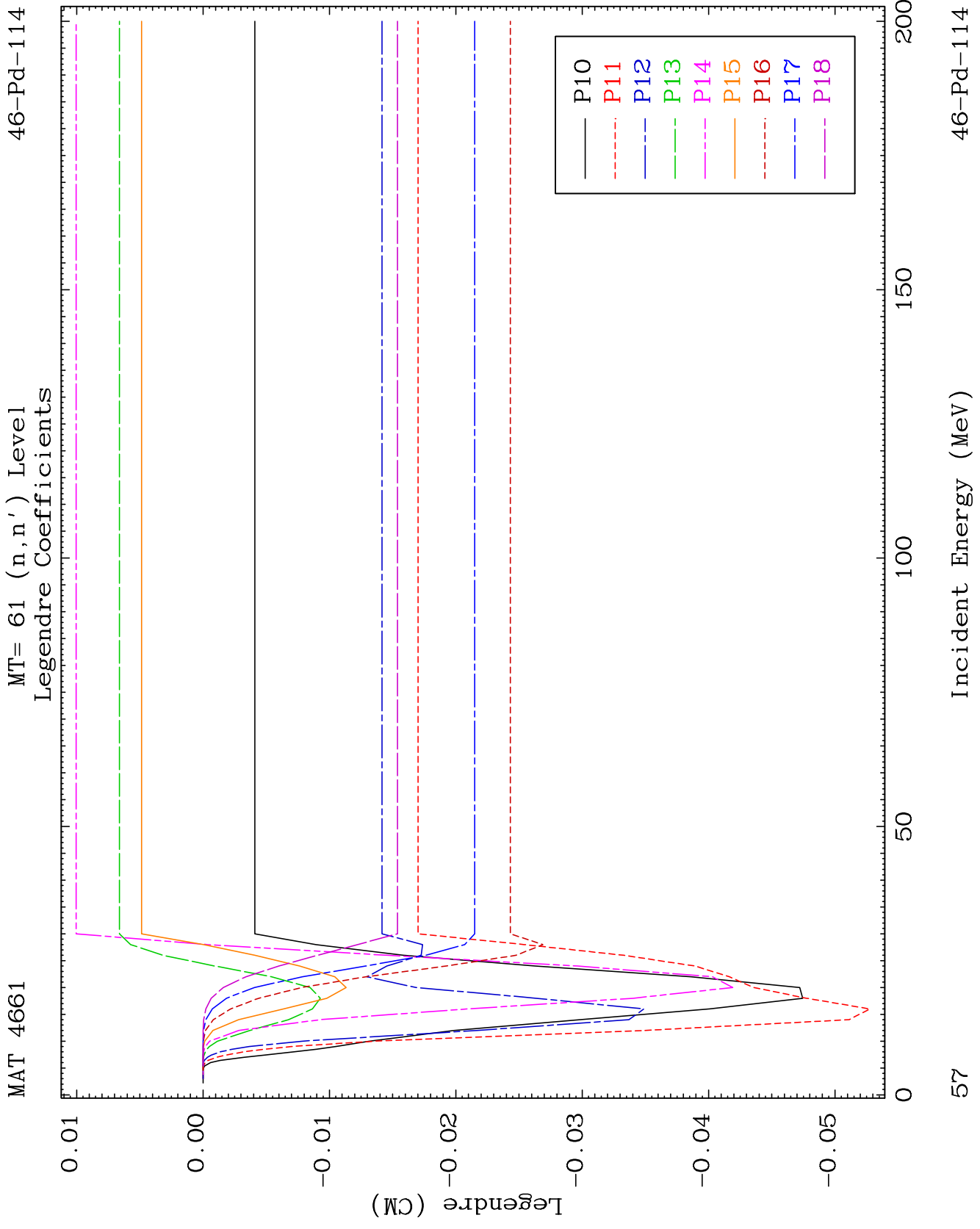
46-Pd-114

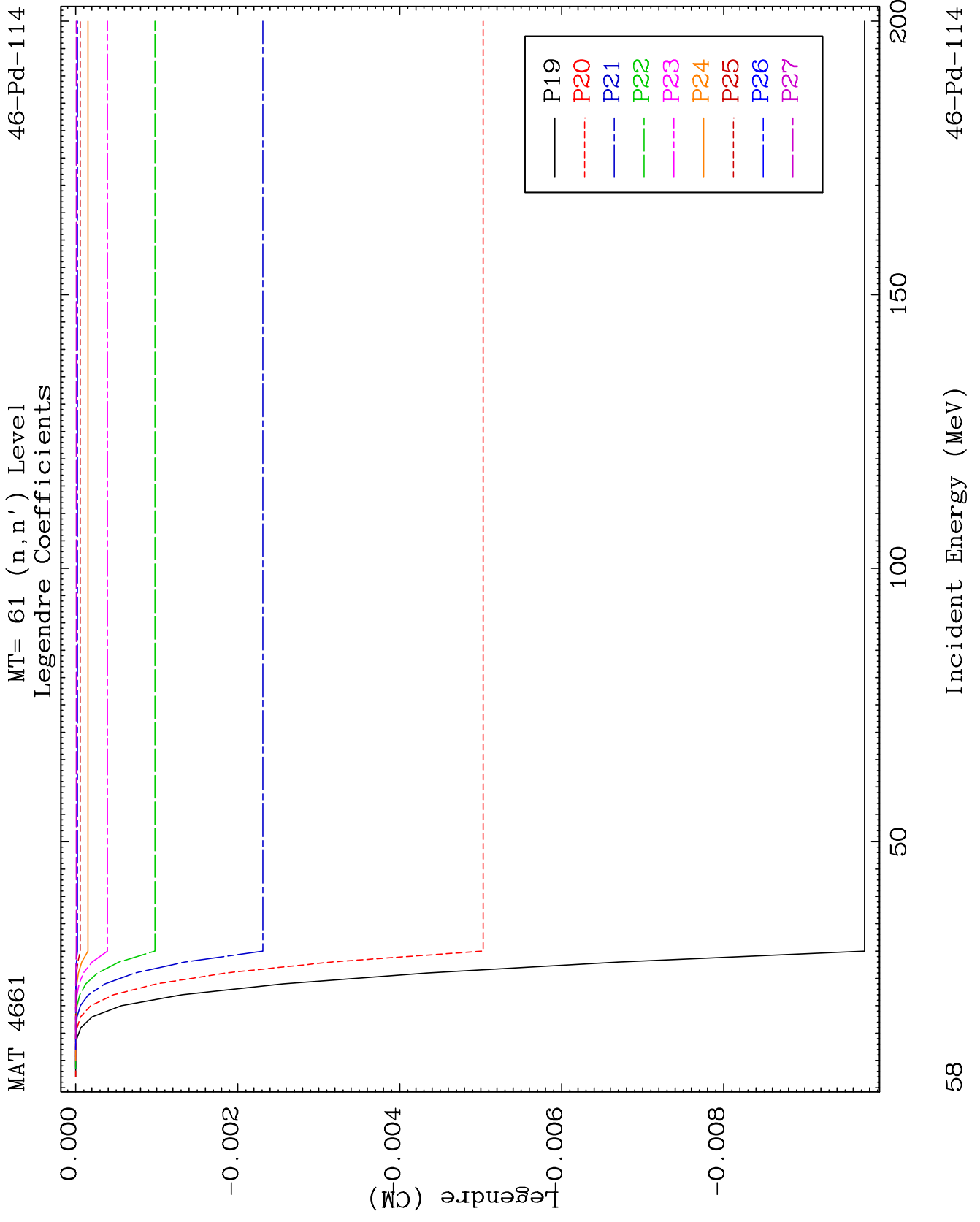


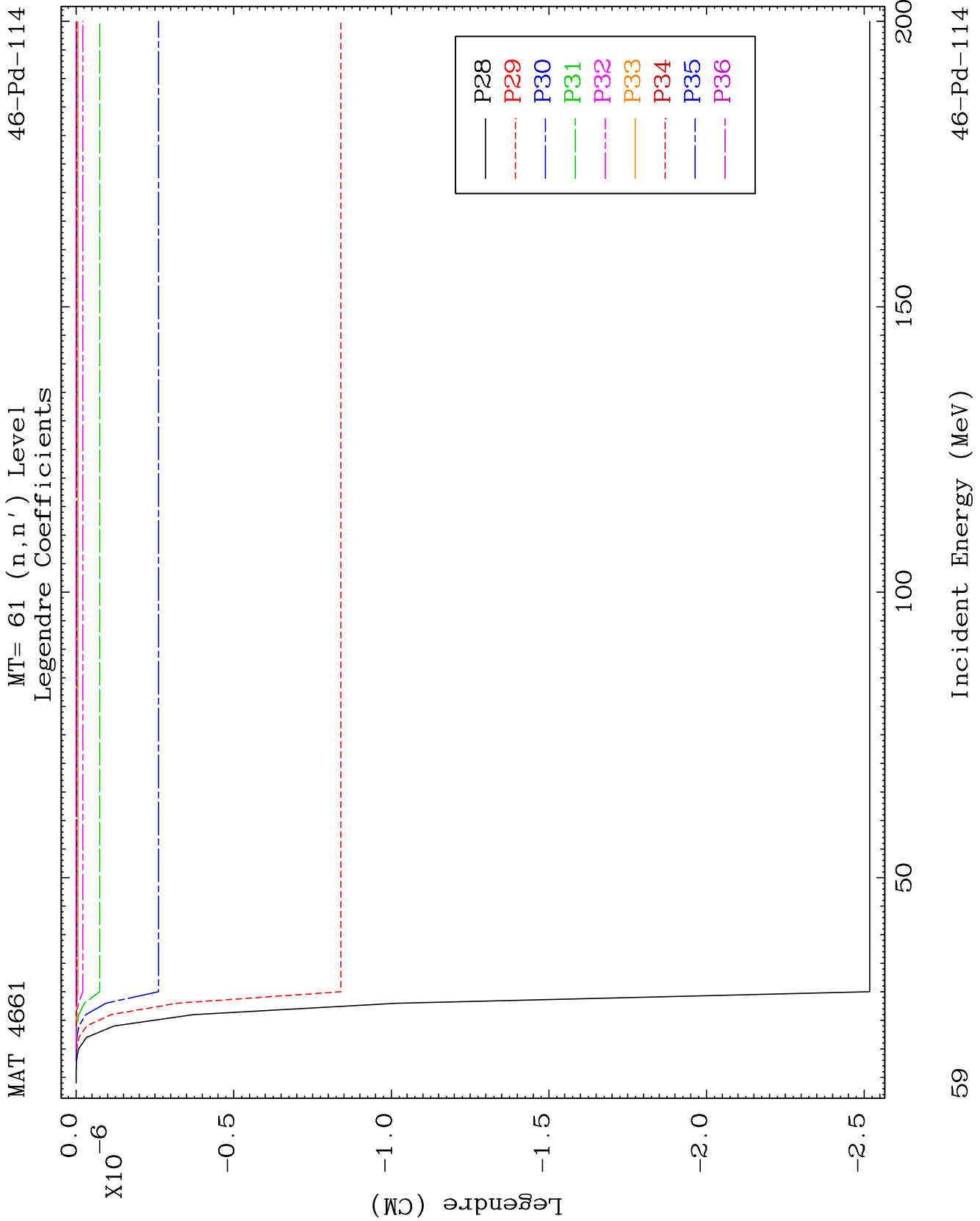
46-Pd-114

Incident Energy (MeV)

56



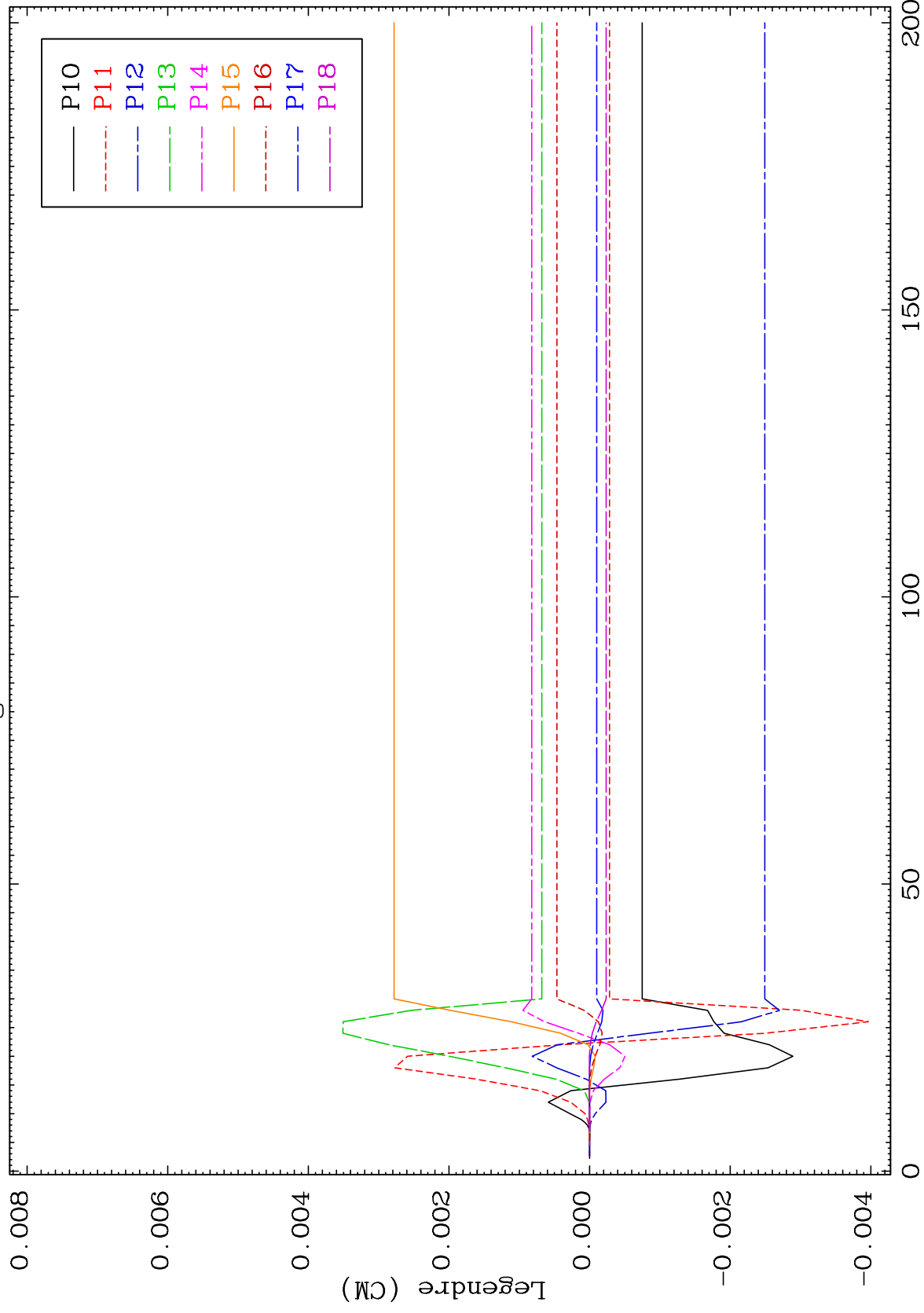




MAT 4661

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

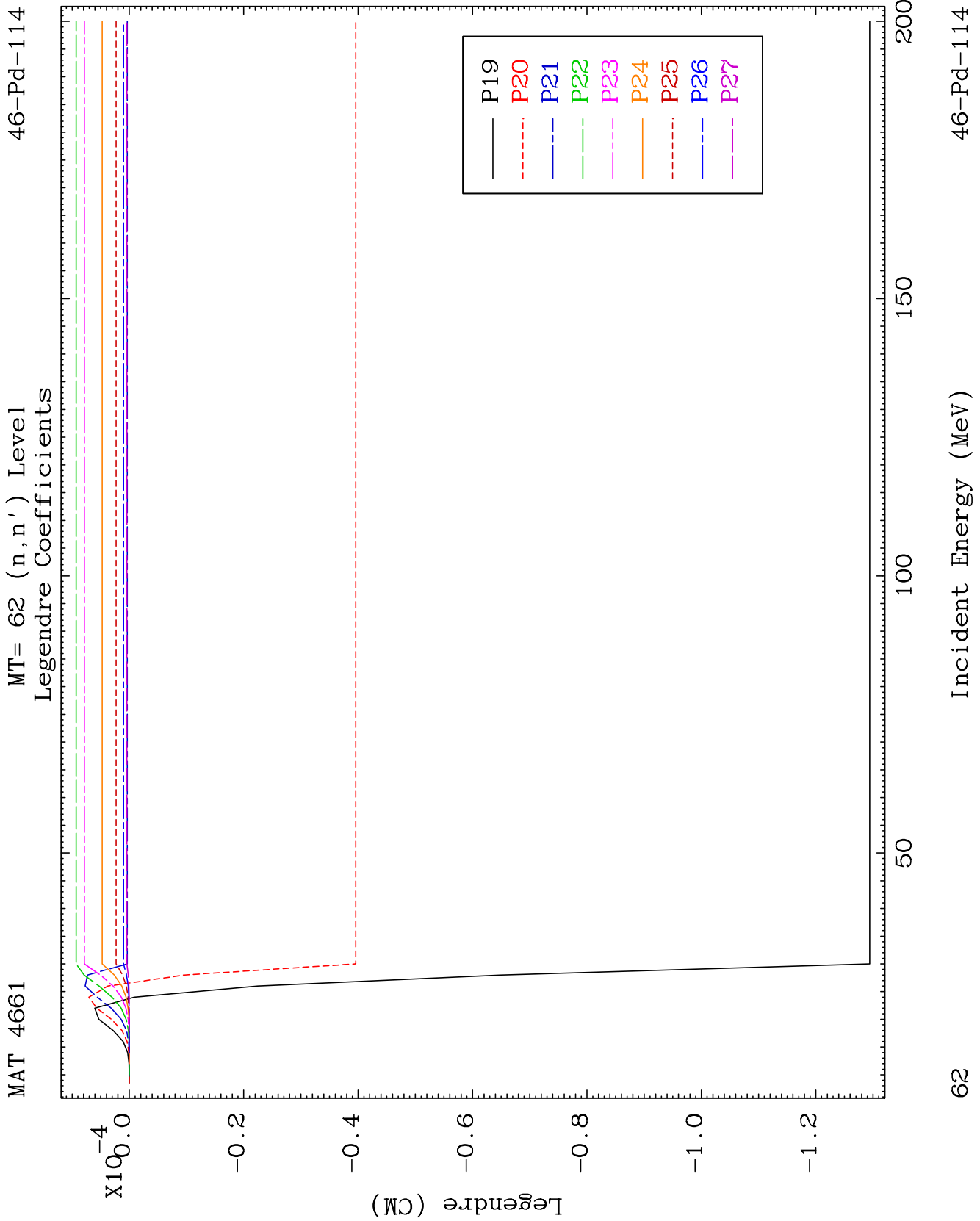
46-Pd-114



61

Incident Energy (MeV)

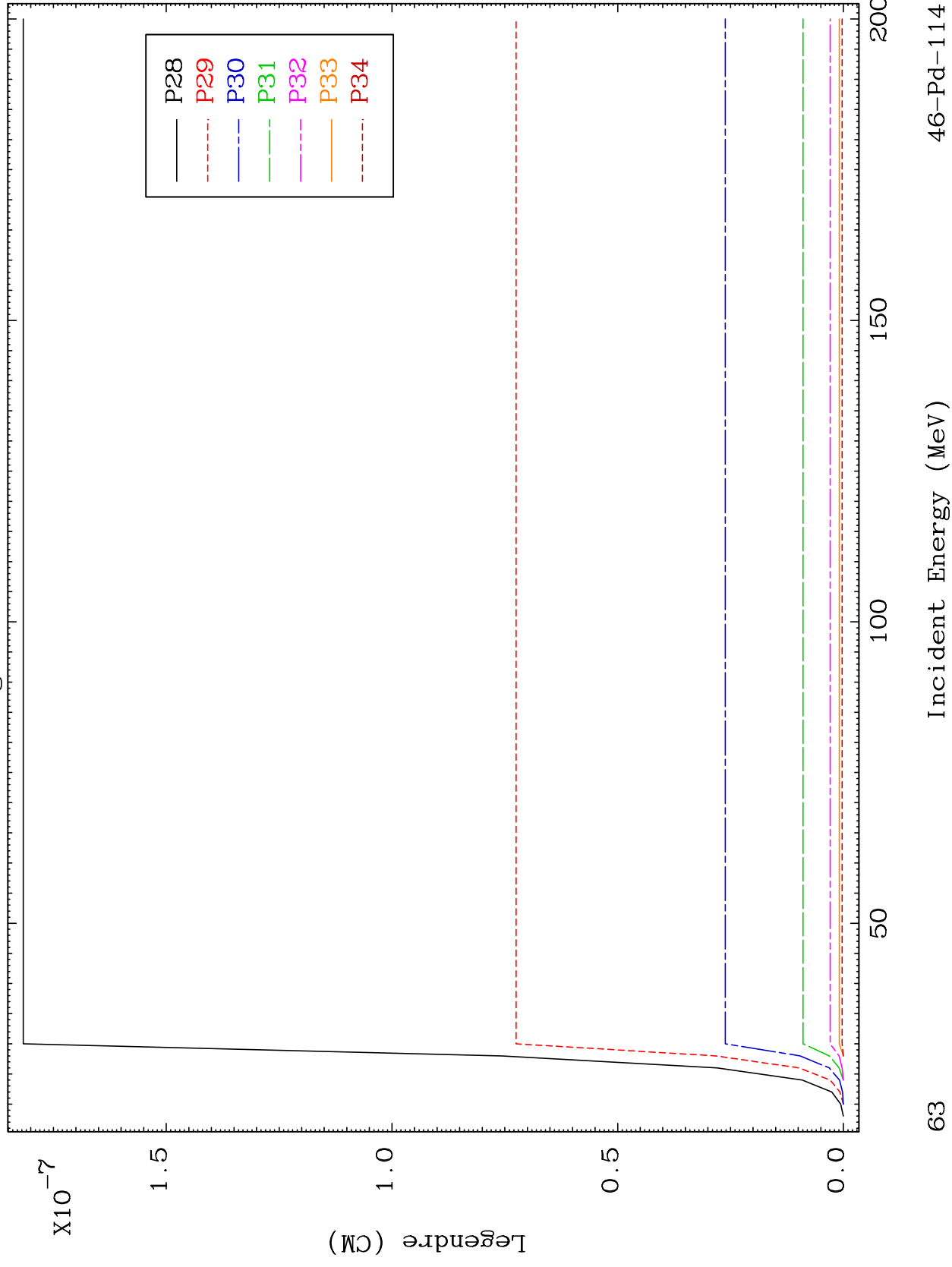
46-Pd-114



MAT 4661

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

46-Pd-114

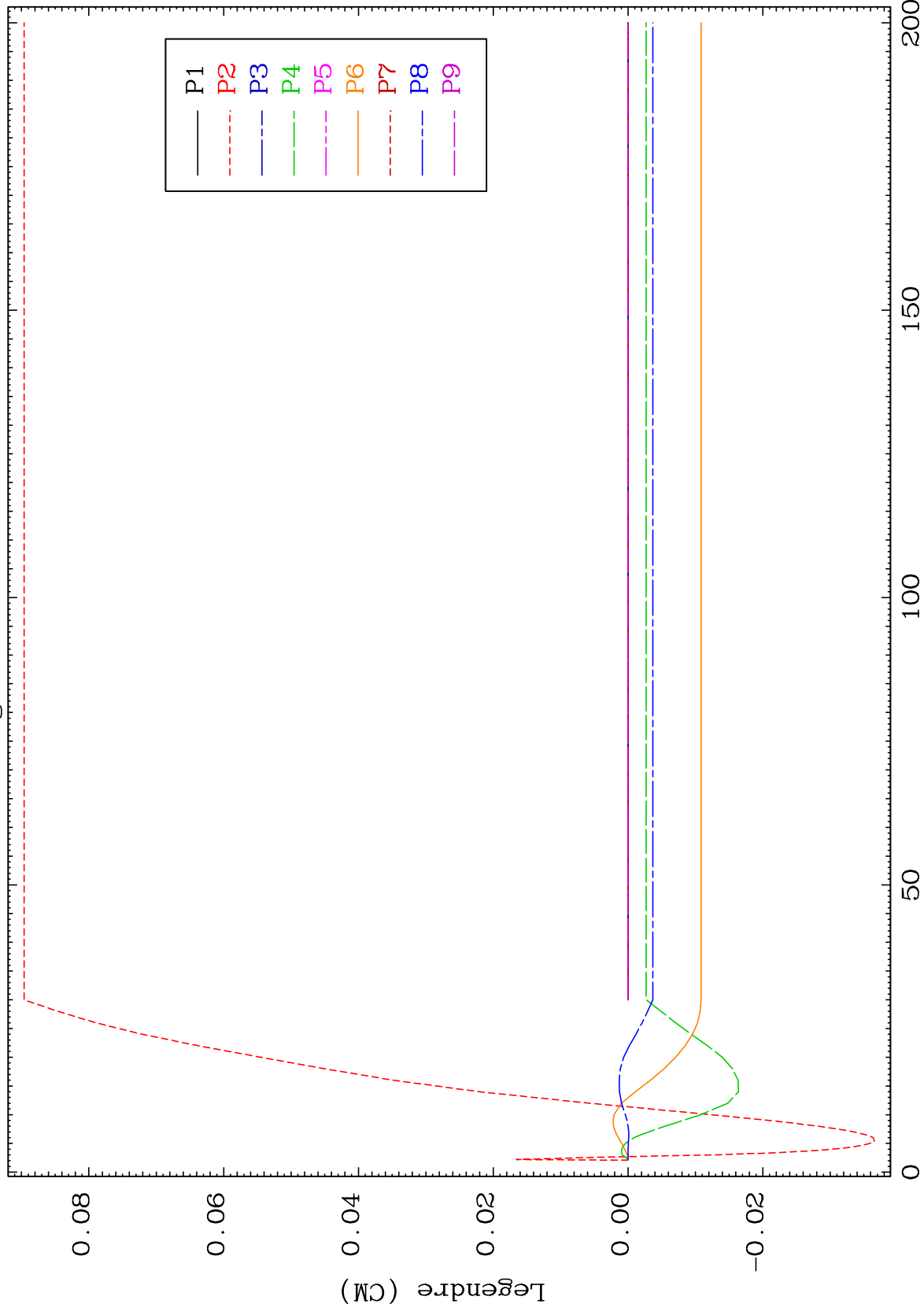


63

MAT 4661

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

46-Pd-114



64

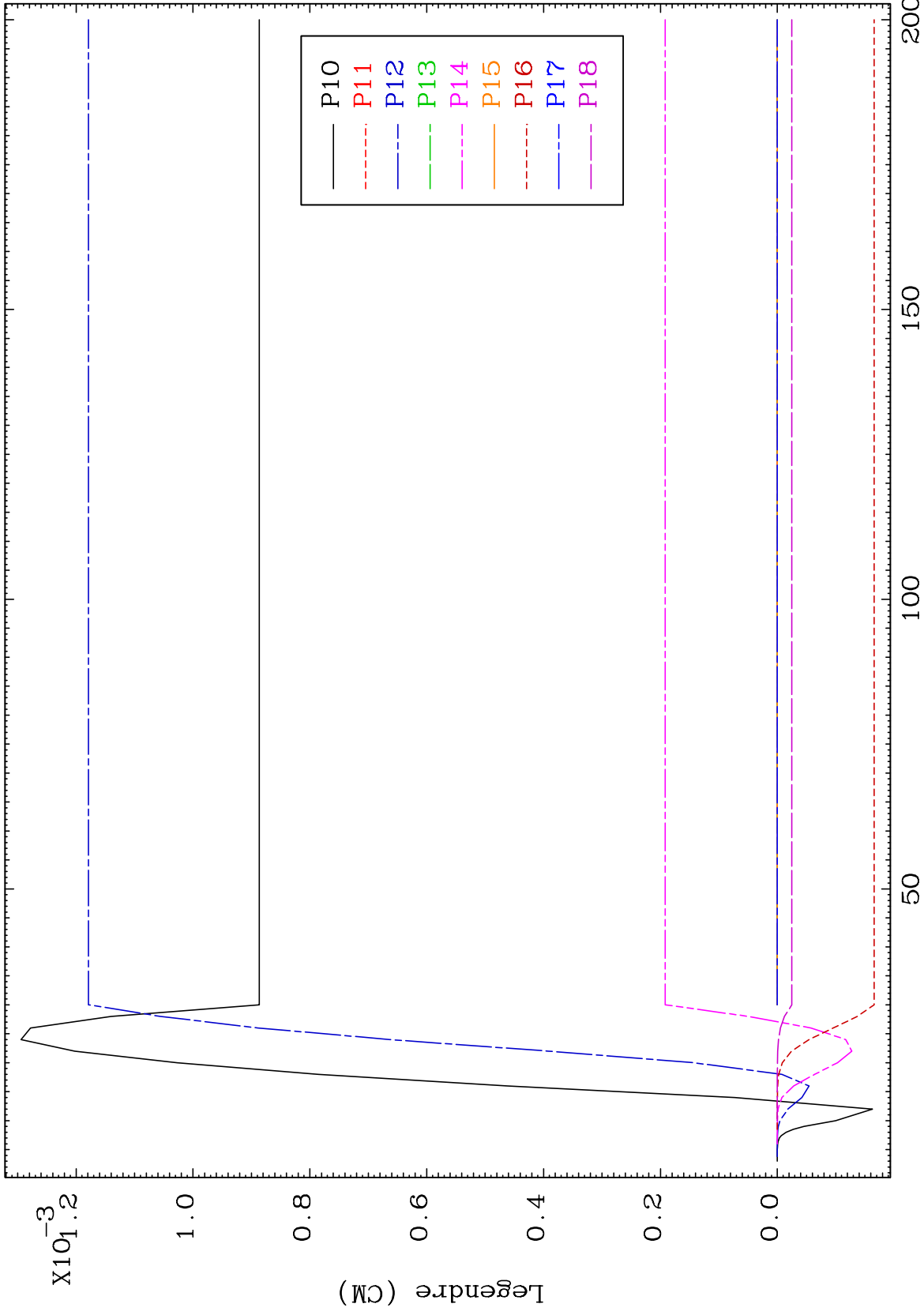
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

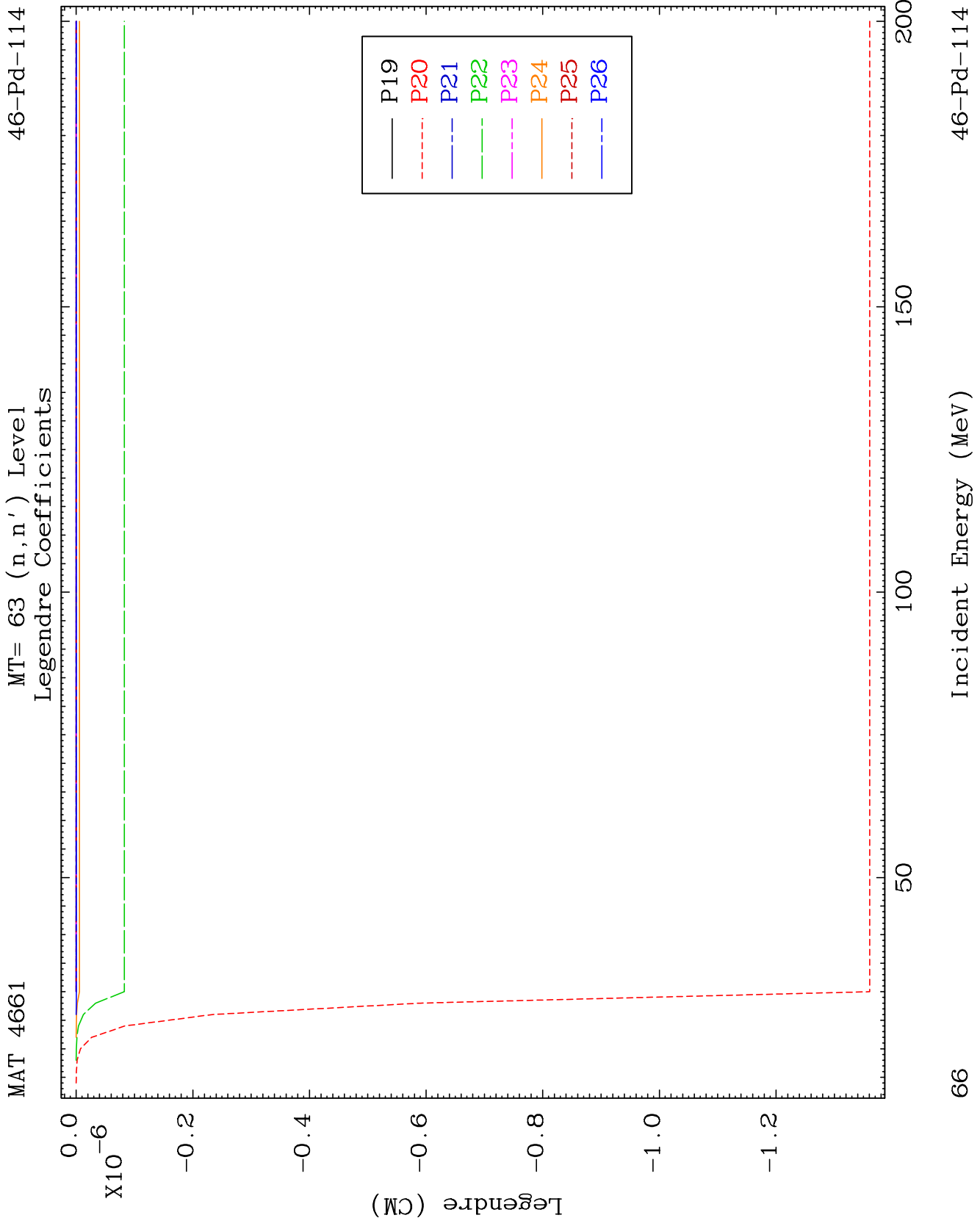
46-Pd-114



65

Incident Energy (MeV)

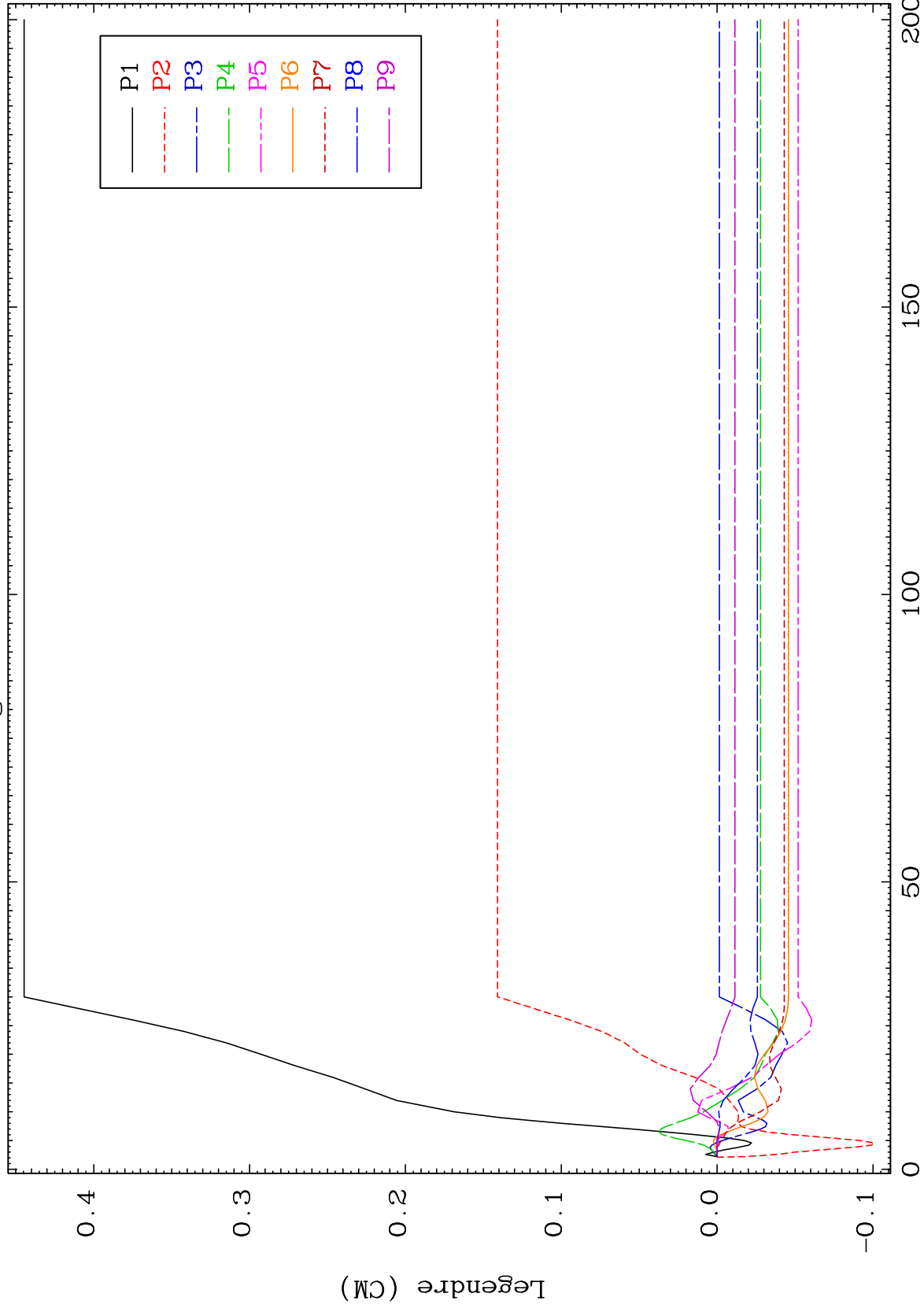
46-Pd-114



MAT 4661

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

46-Pd-114



67

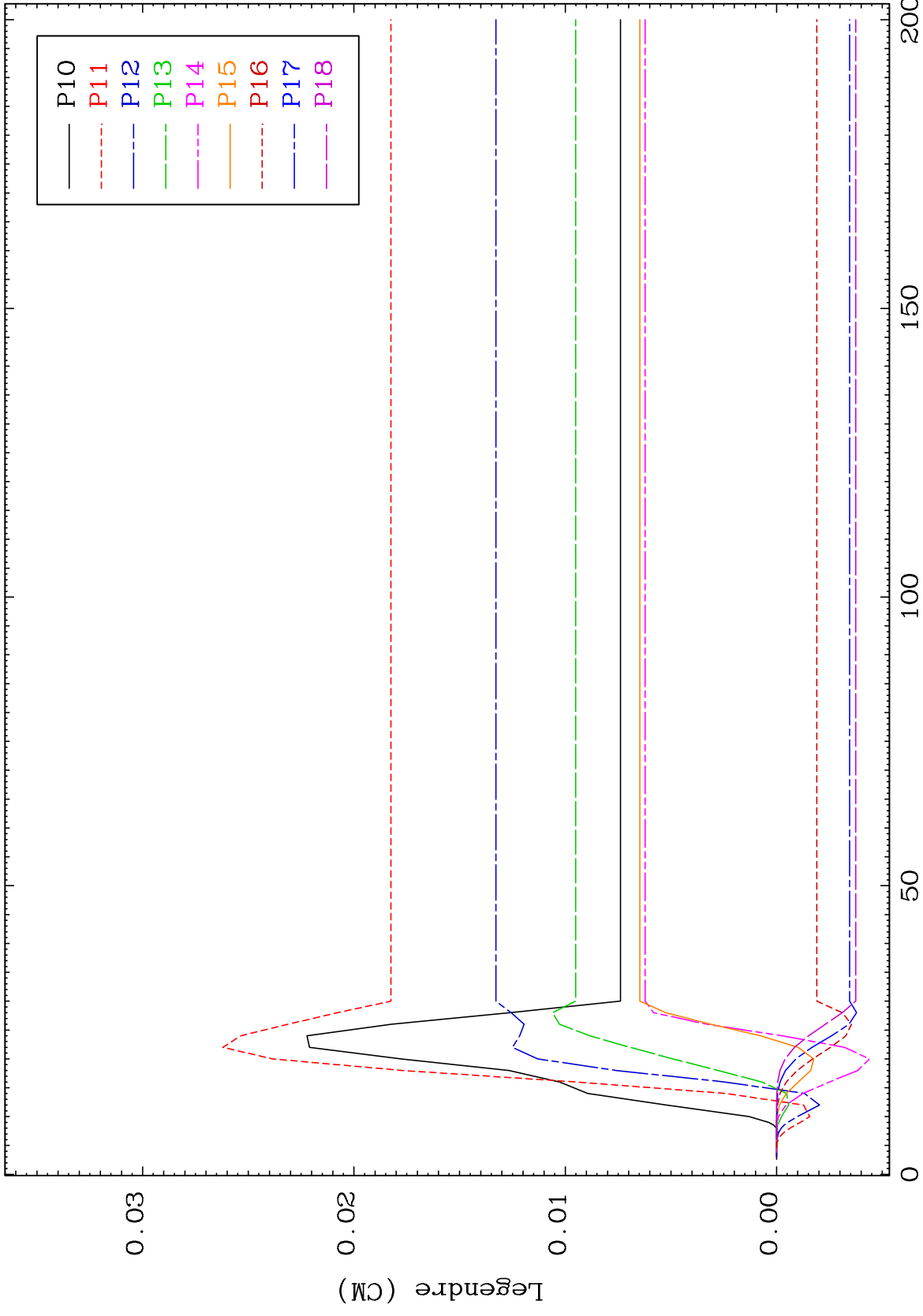
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



68

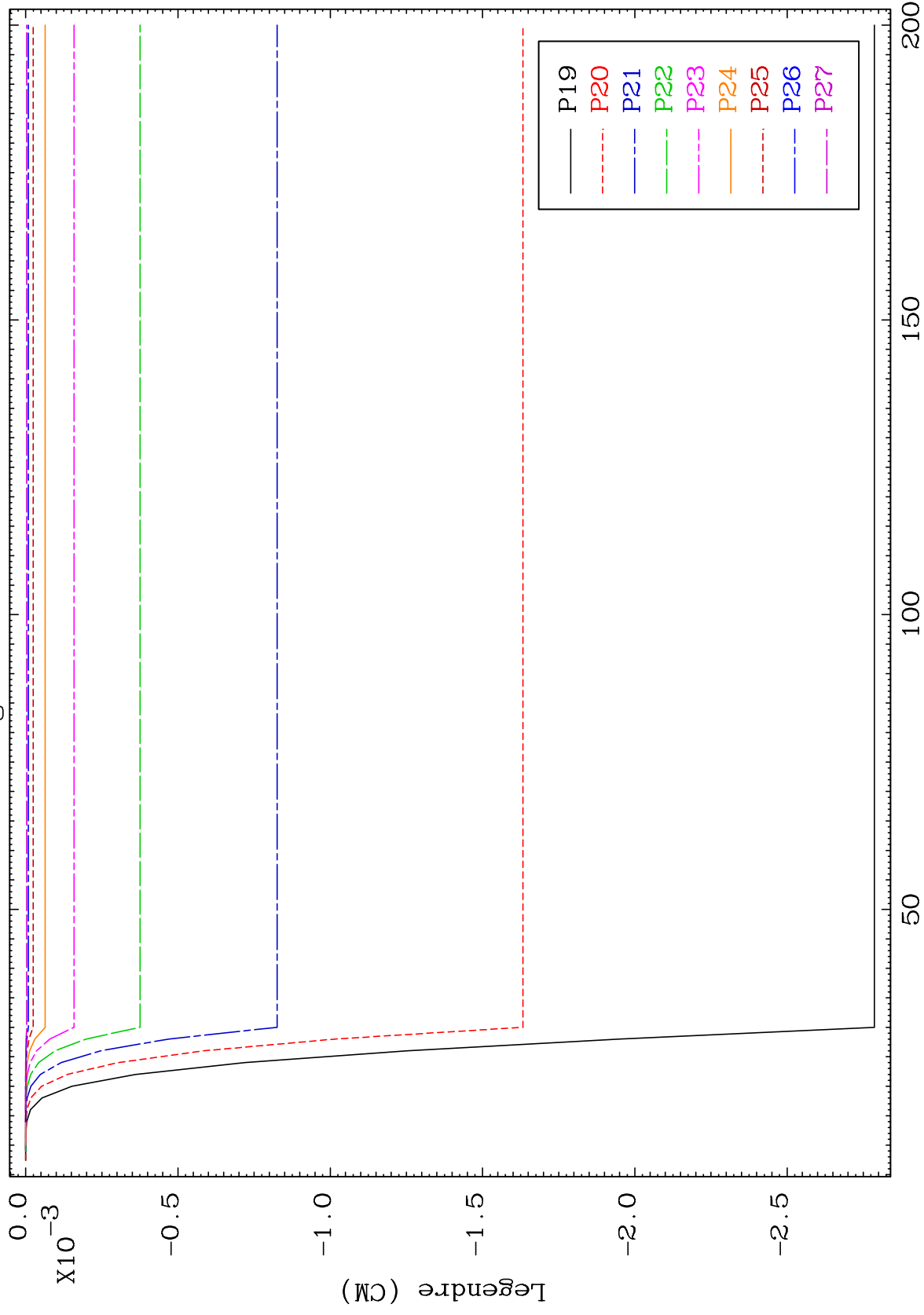
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

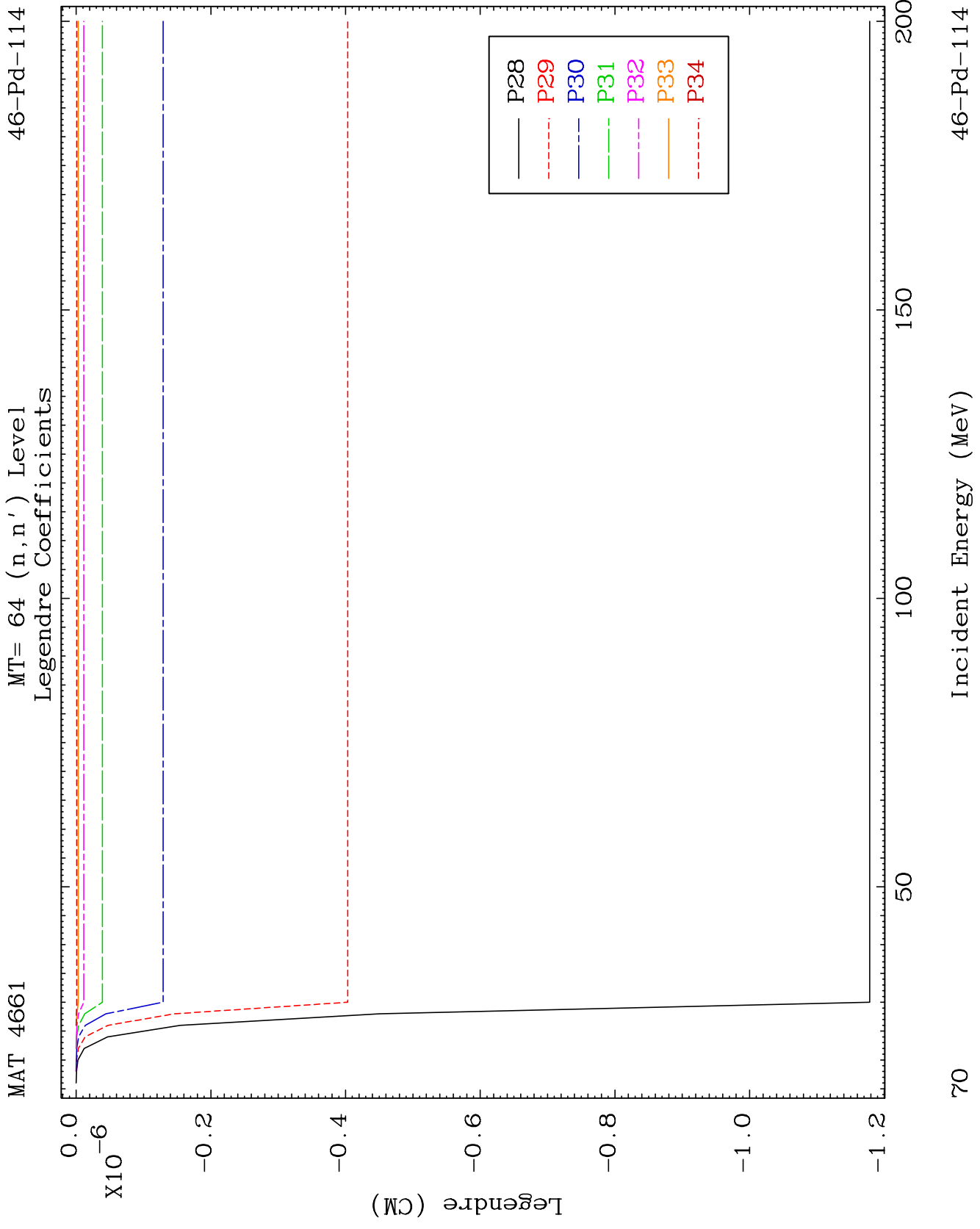
46-Pd-114



69

Incident Energy (MeV)

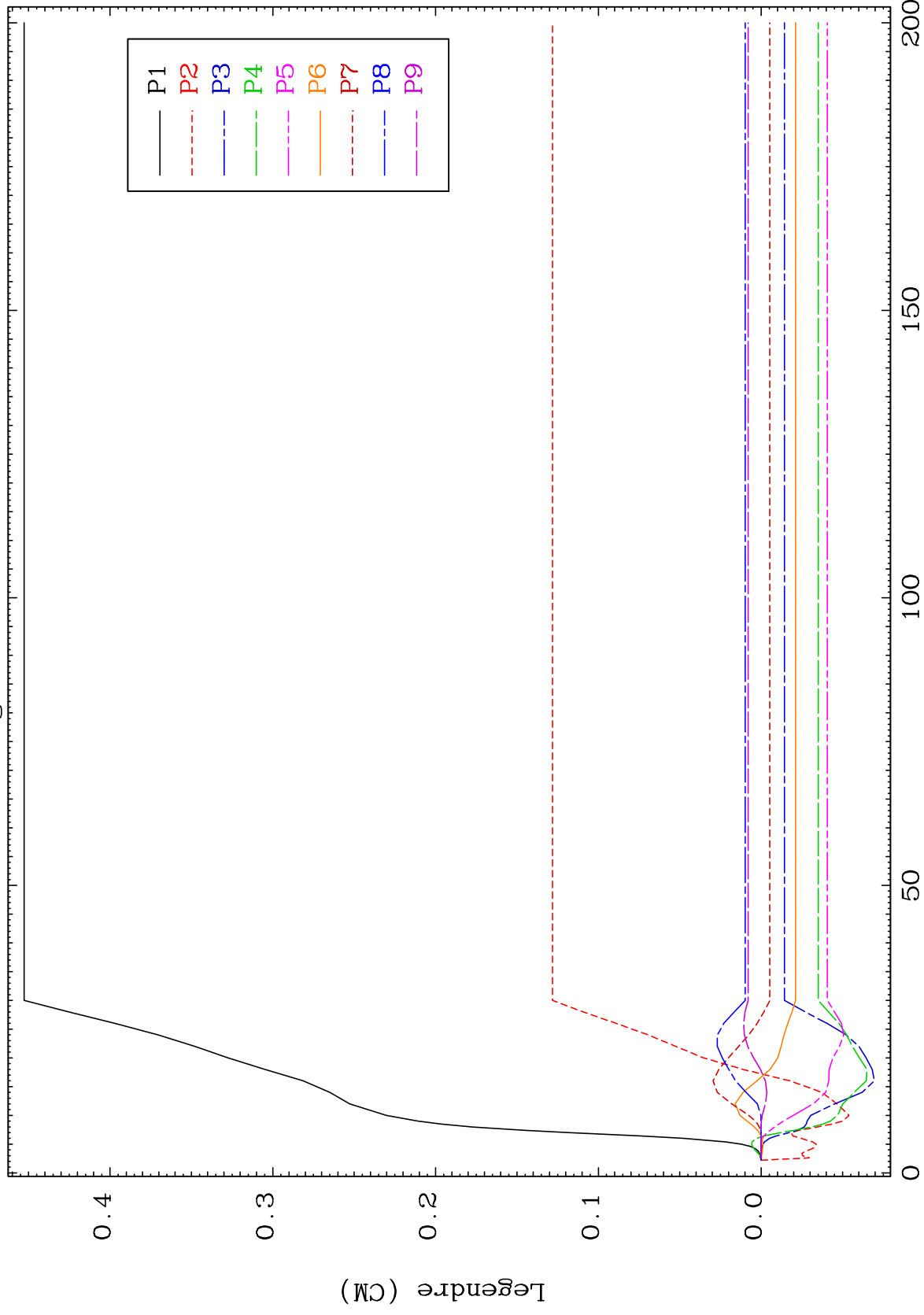
46-Pd-114



MAT 4661

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

46-Pd-114



71

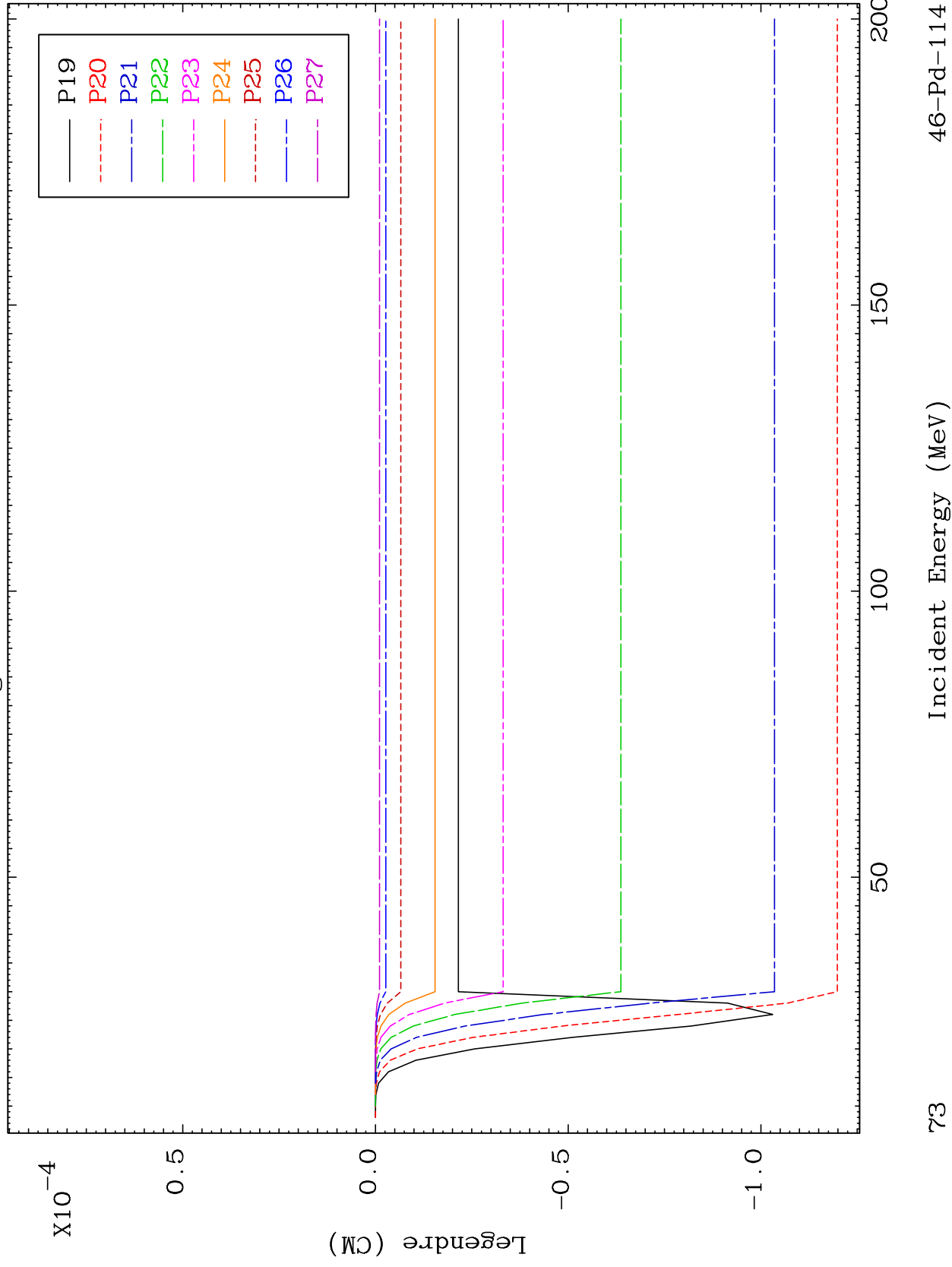
Incident Energy (MeV)

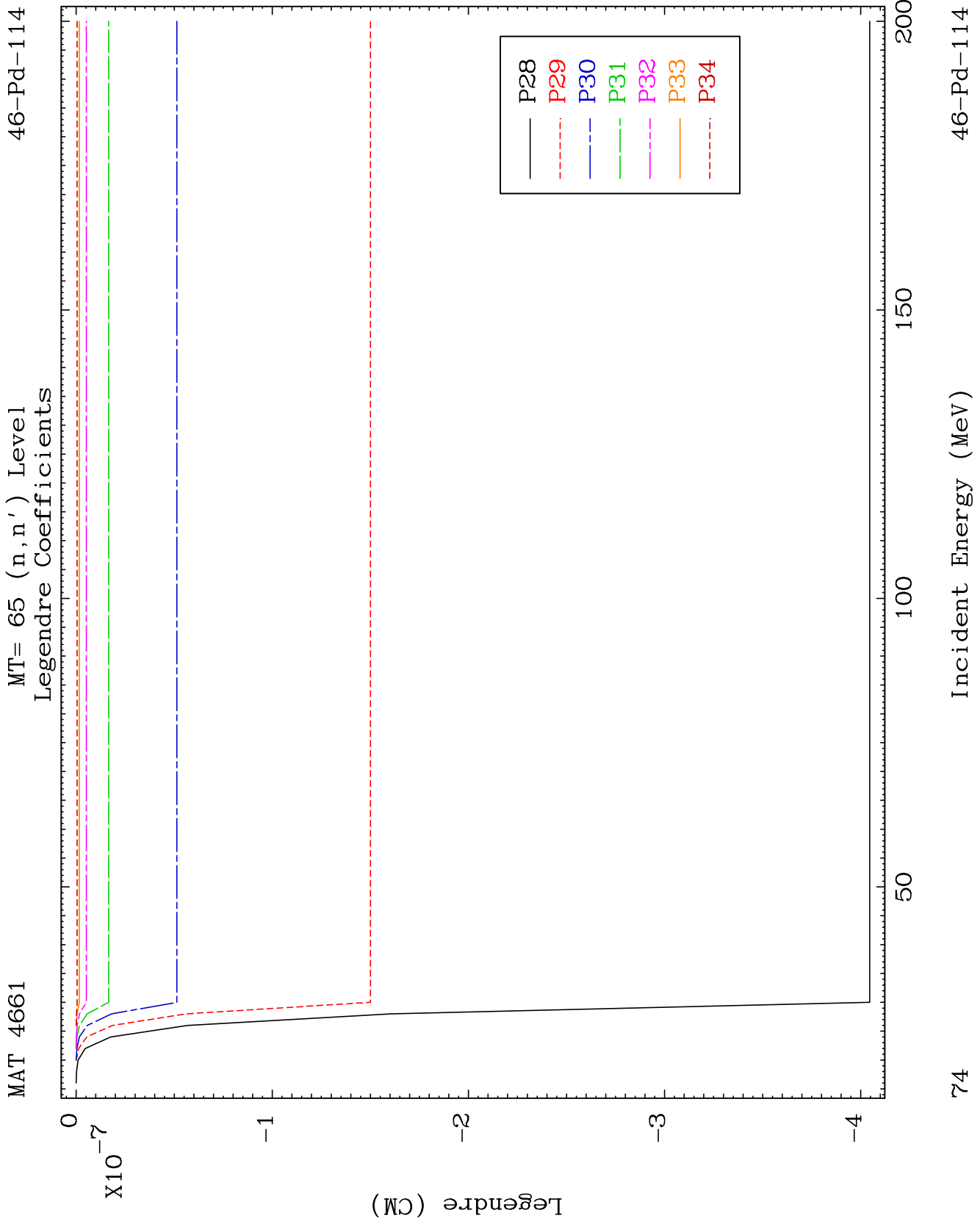
46-Pd-114

MAT 4661

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

46-Pd-114

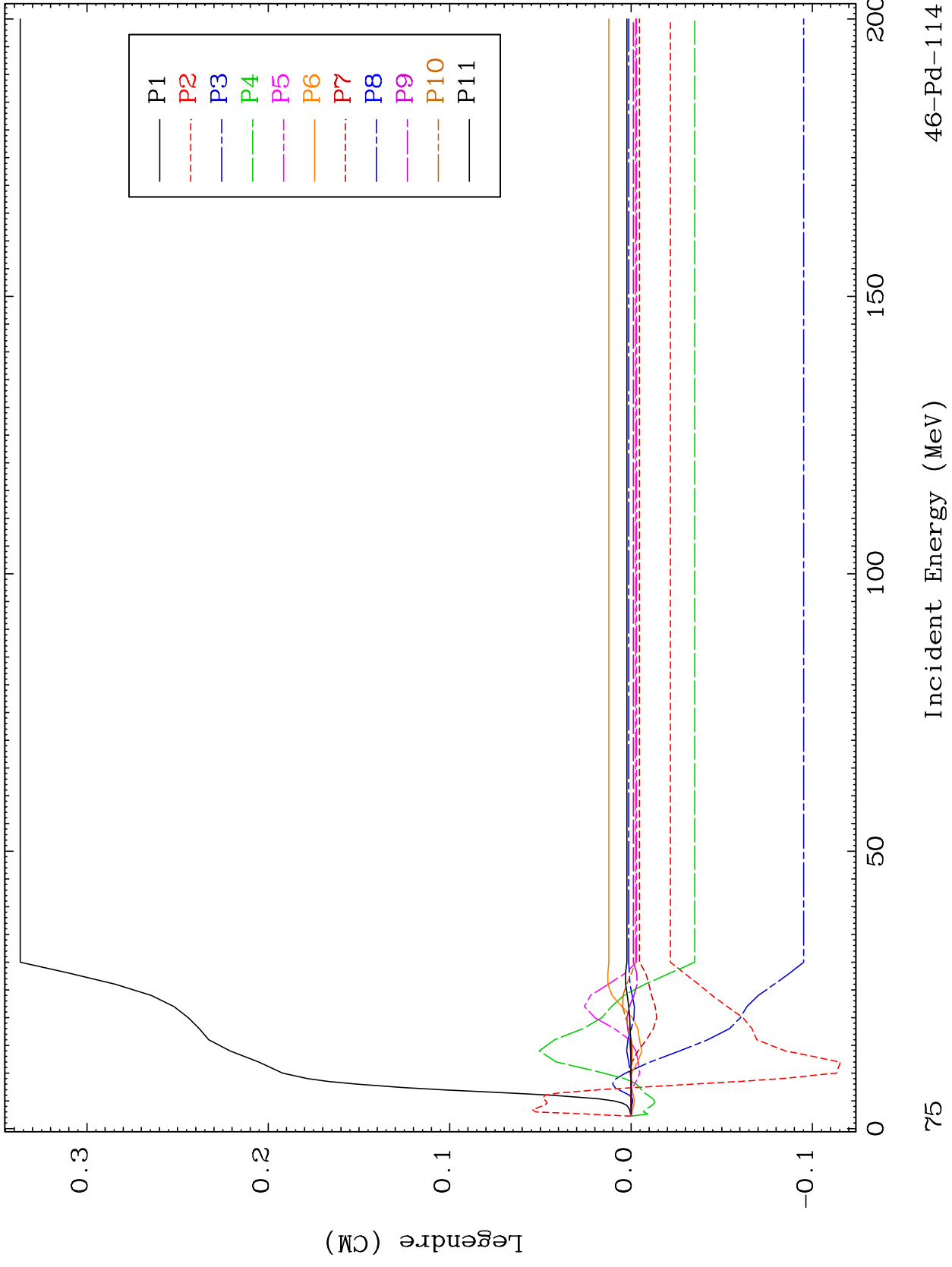




MAT 4661

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

46-Pd-114



46-Pd-114

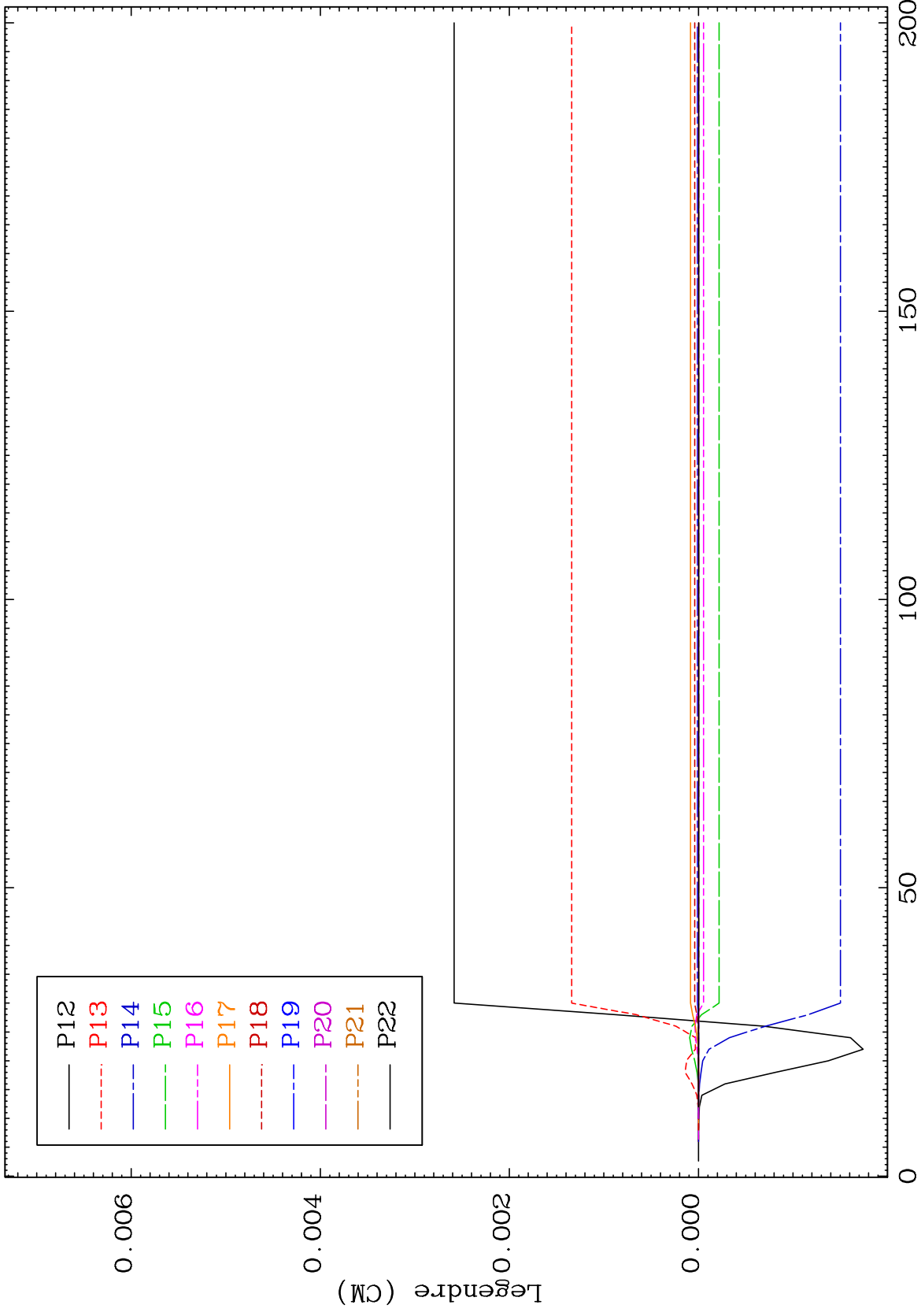
Incident Energy (MeV)

75

MAT 4661

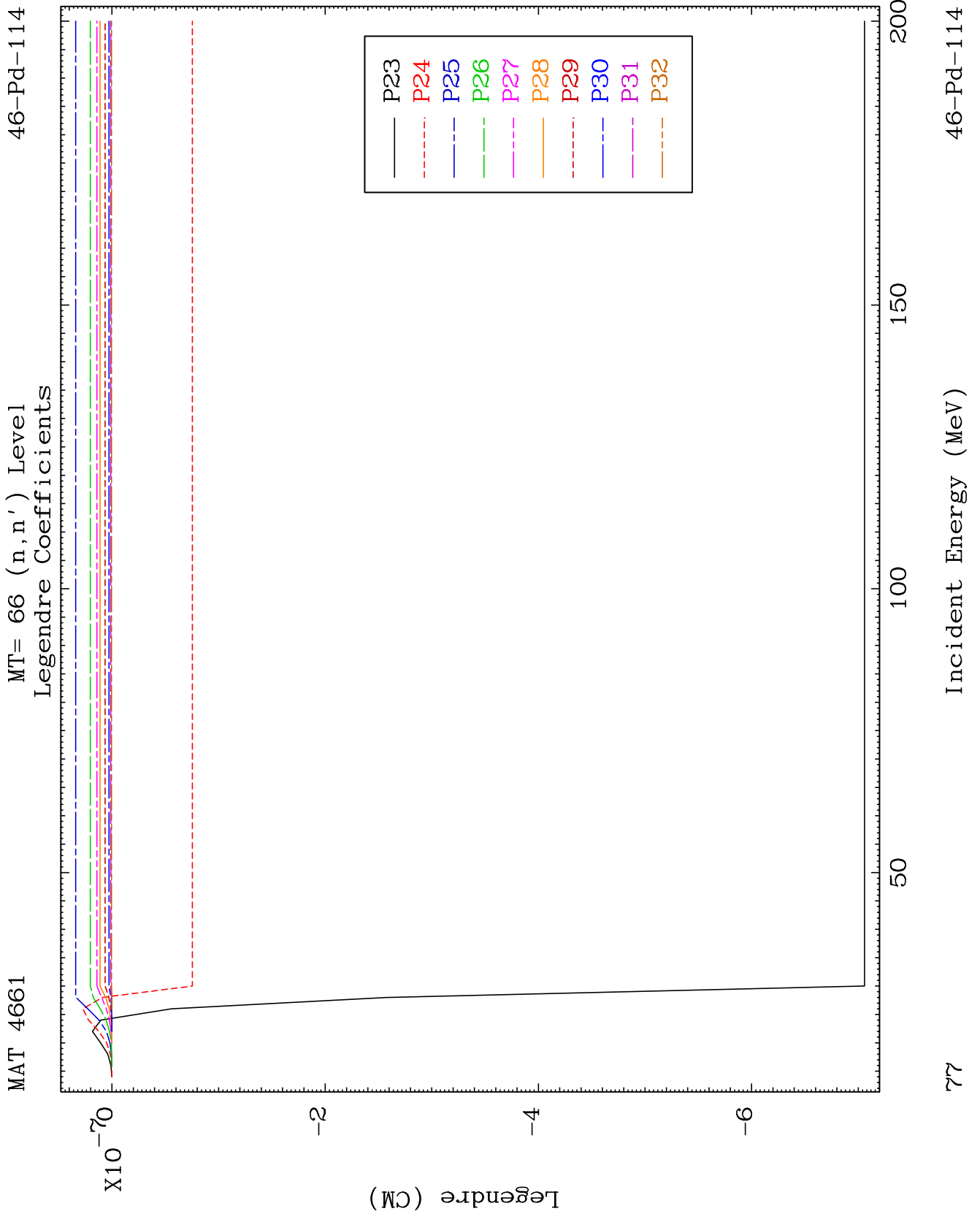
MT= 66 (n,n') Level
Legendre Coefficients

46-Pd-114



76

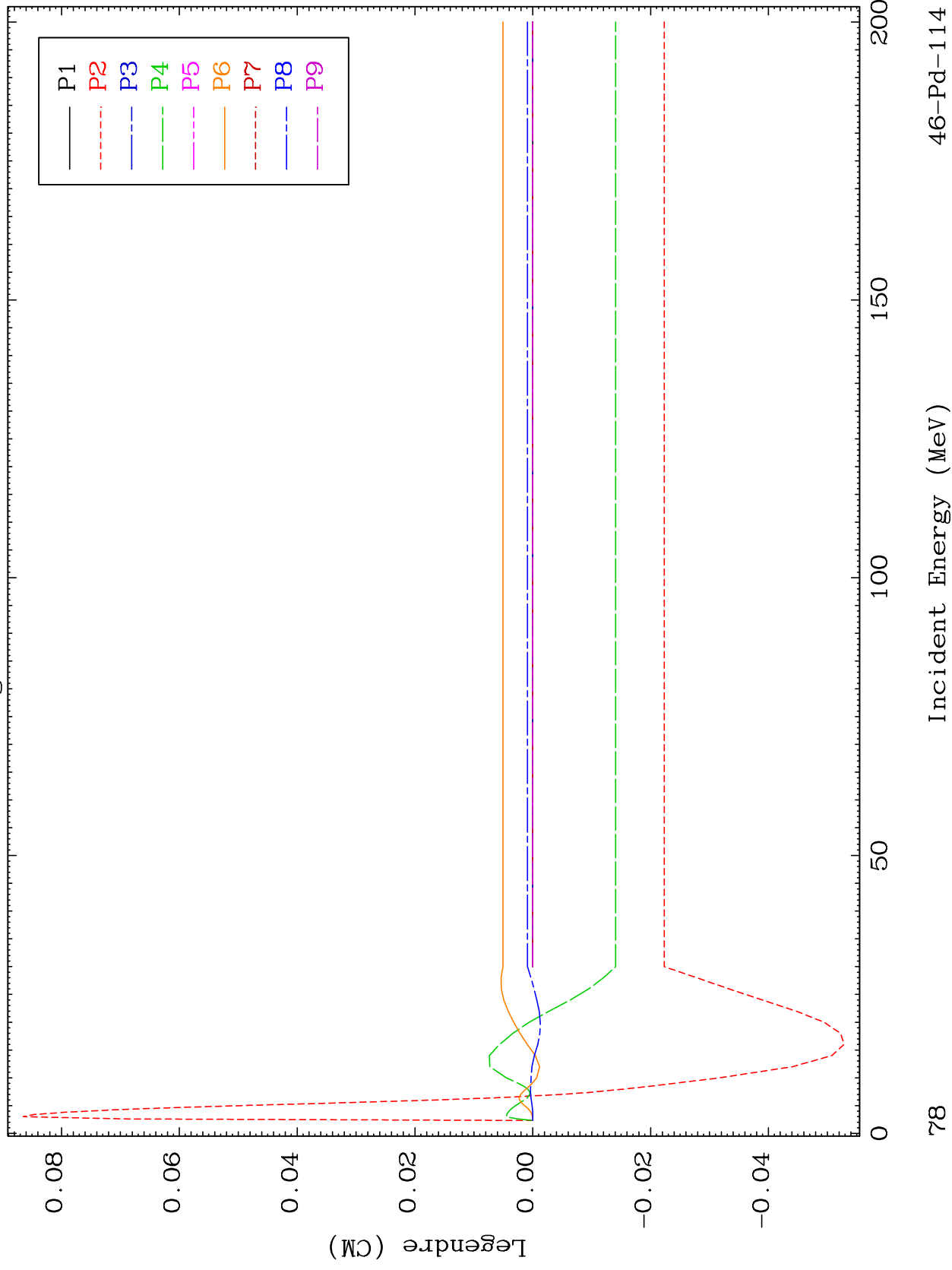
46-Pd-114



MAT 4661

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

46-Pd-114



46-Pd-114

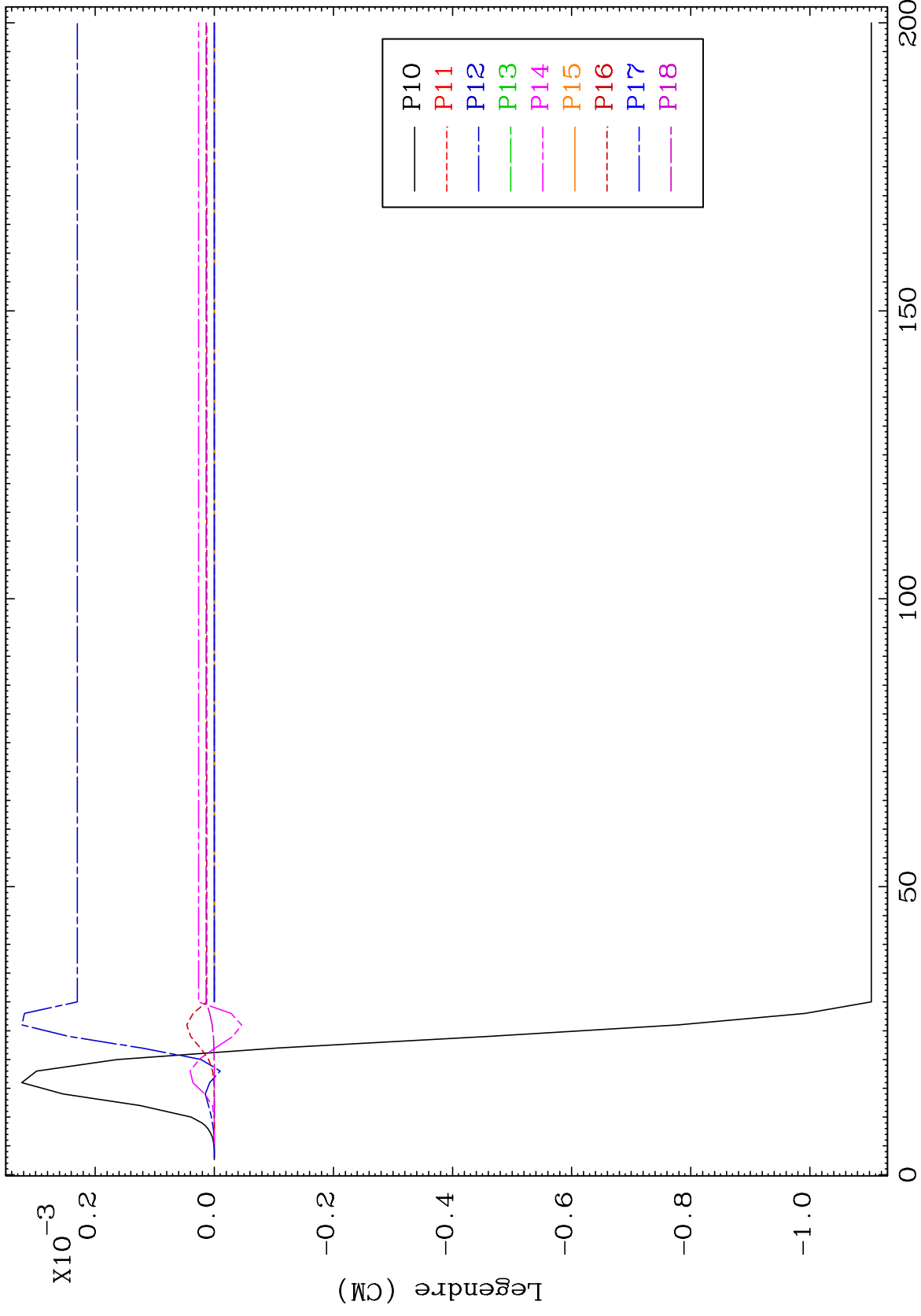
Incident Energy (MeV)

78

MAT 4661

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

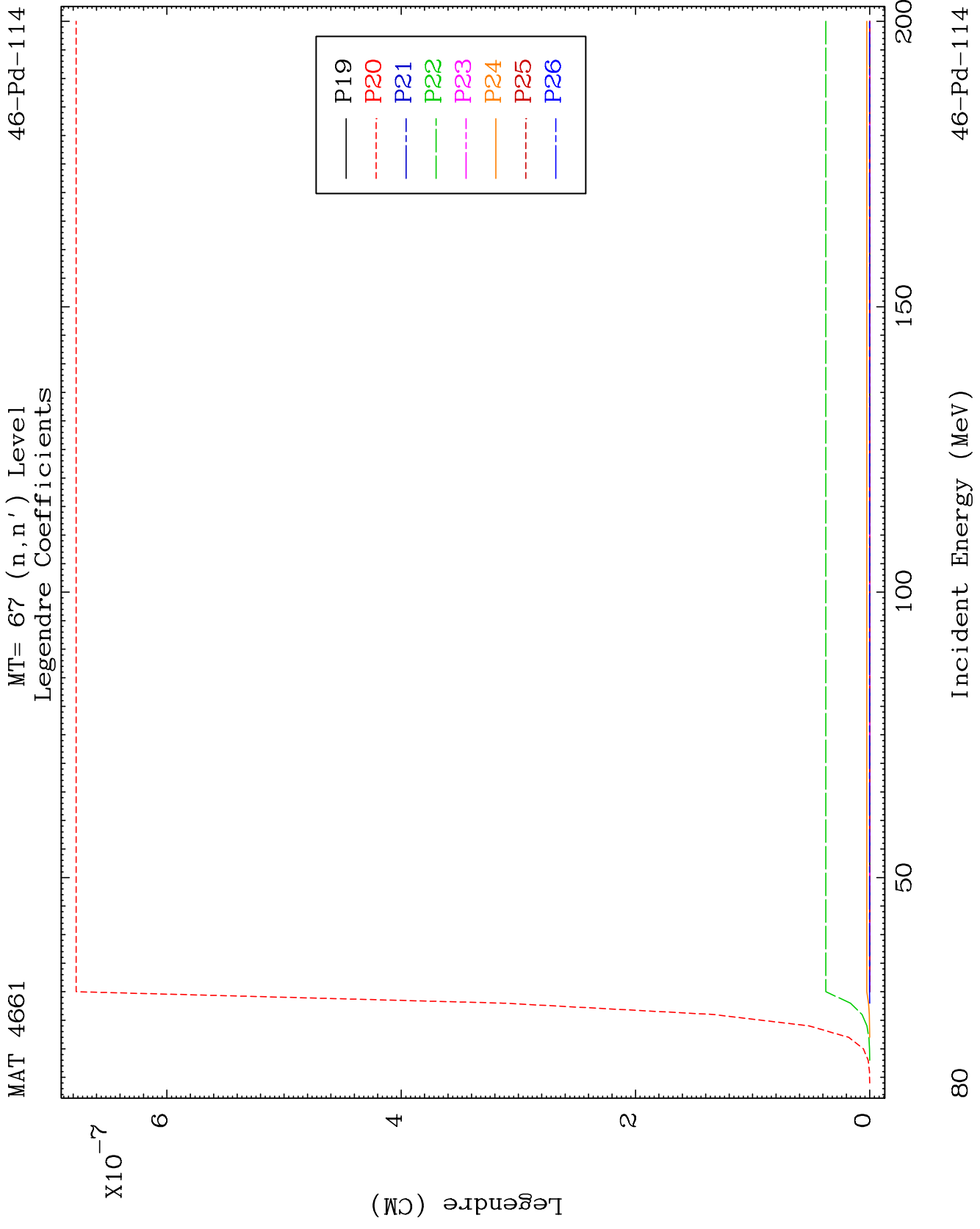
46-Pd-114



79

Incident Energy (MeV)

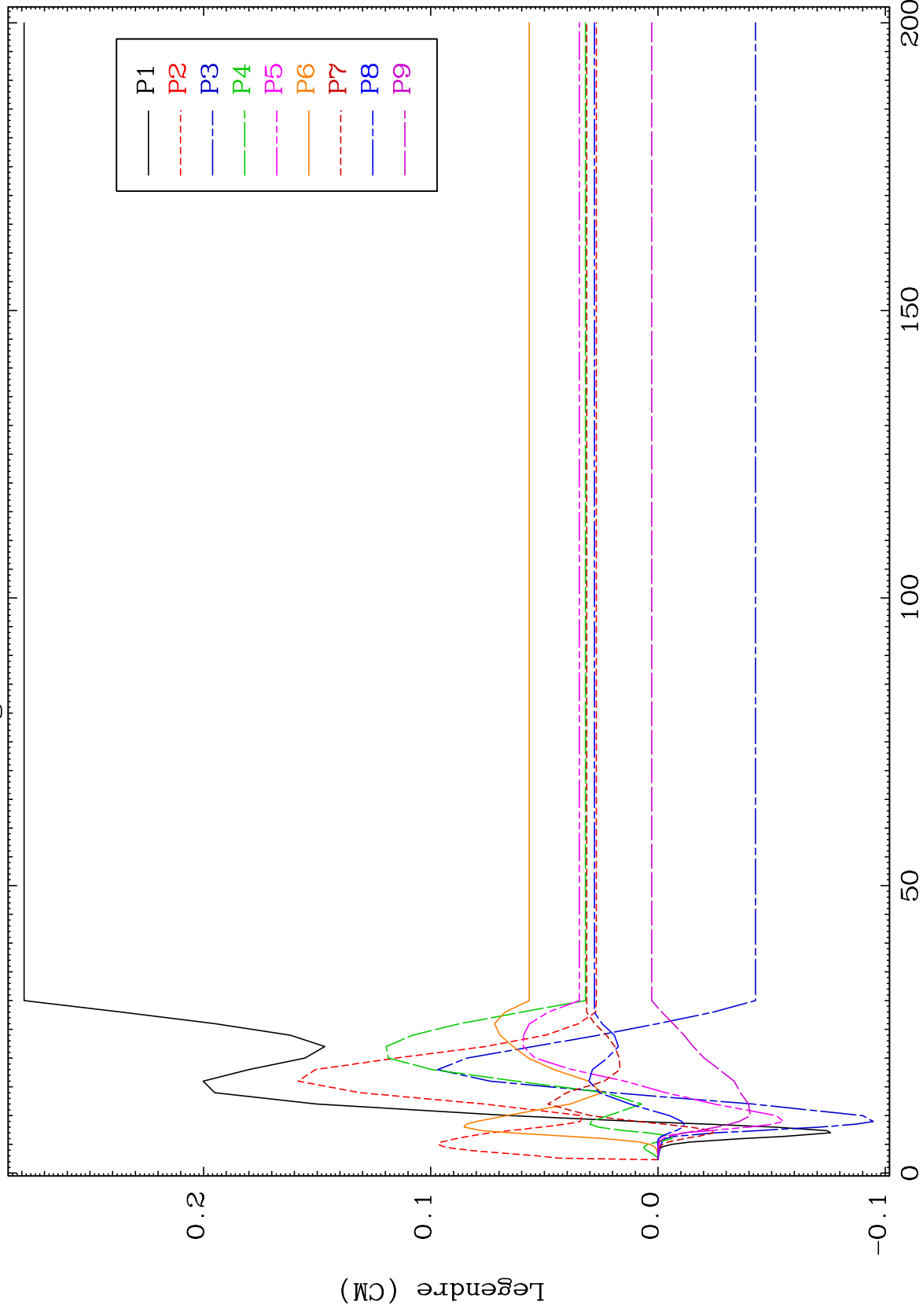
46-Pd-114



MAT 4661

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

46-Pd-114



81

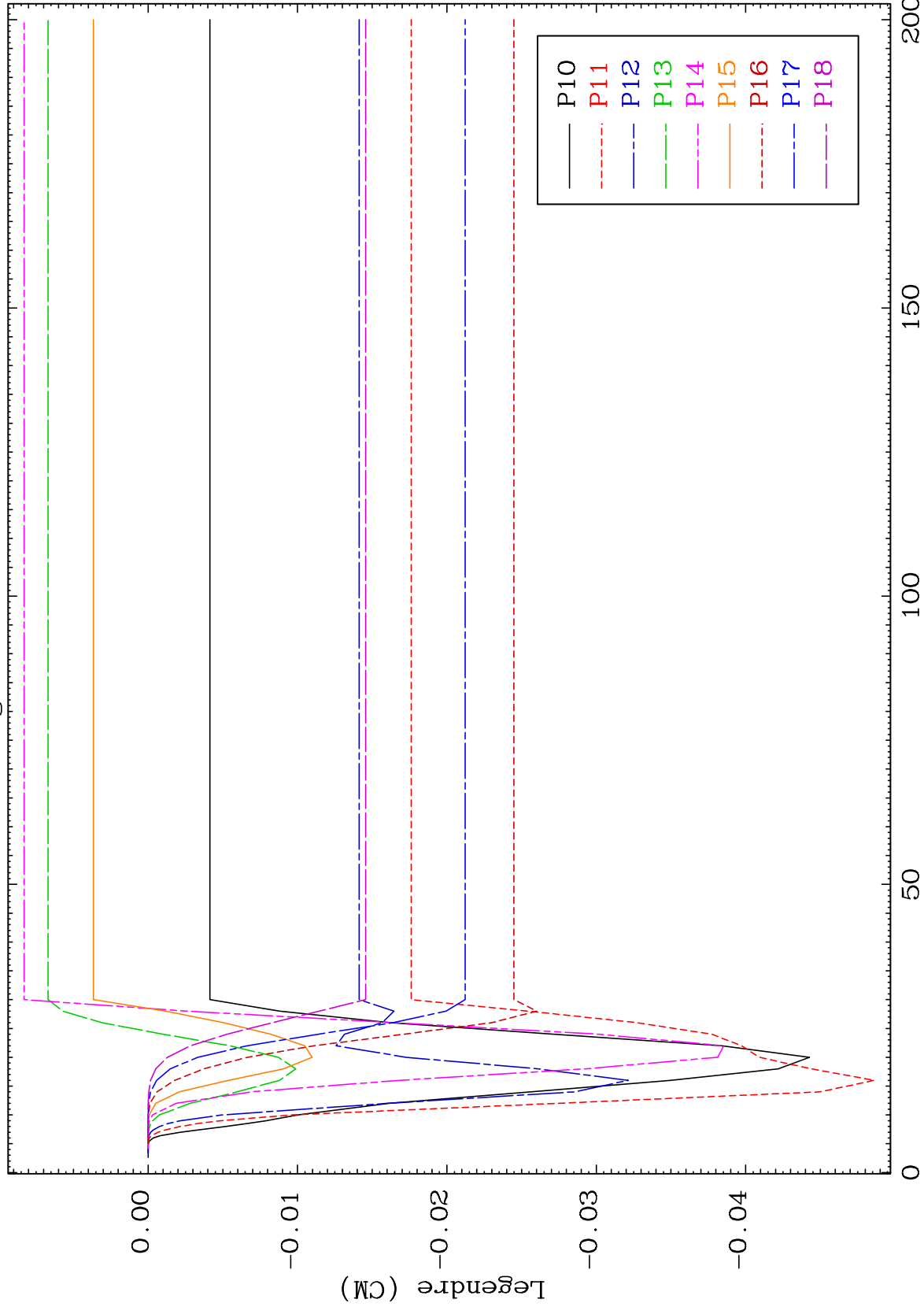
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

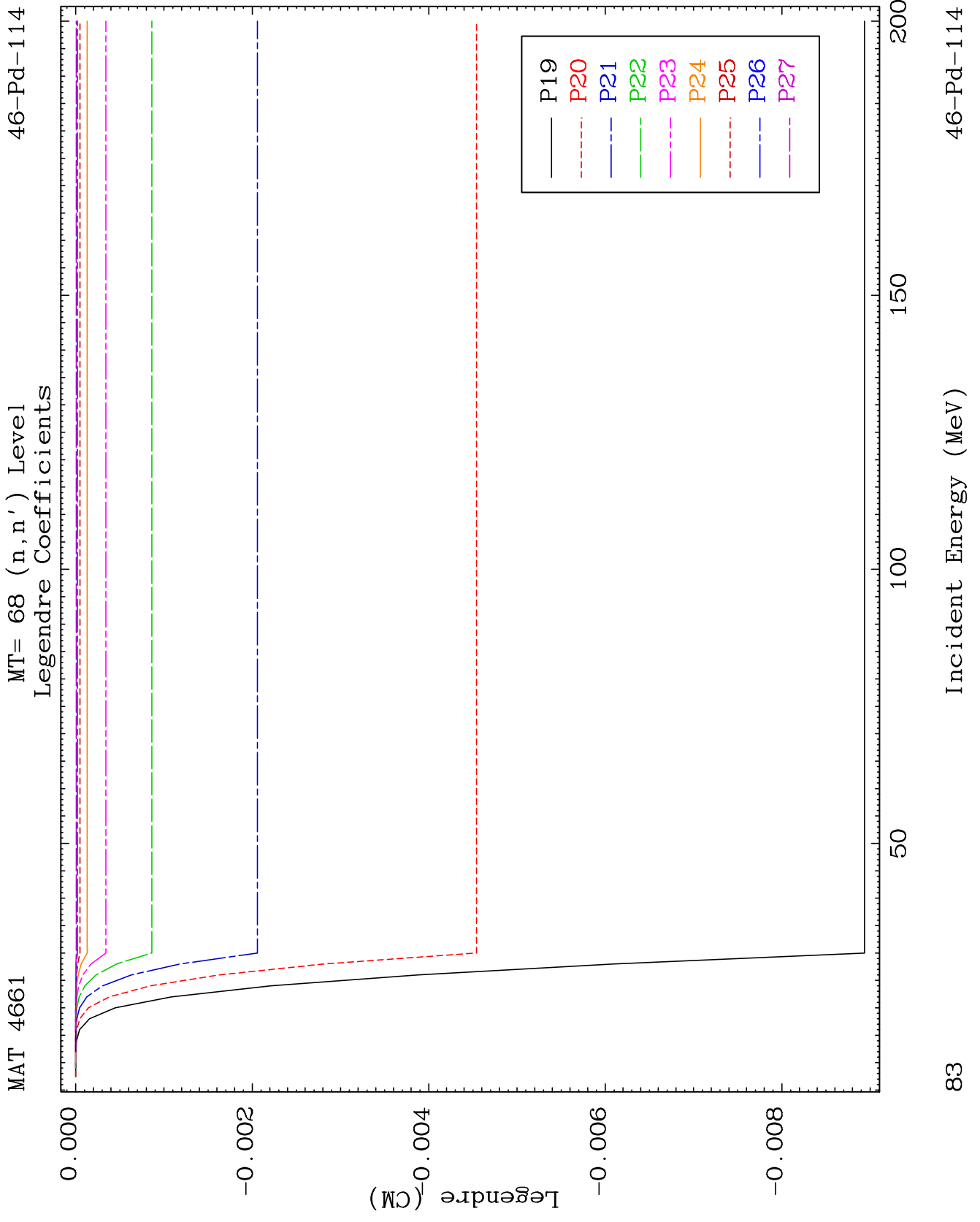
46-Pd-114

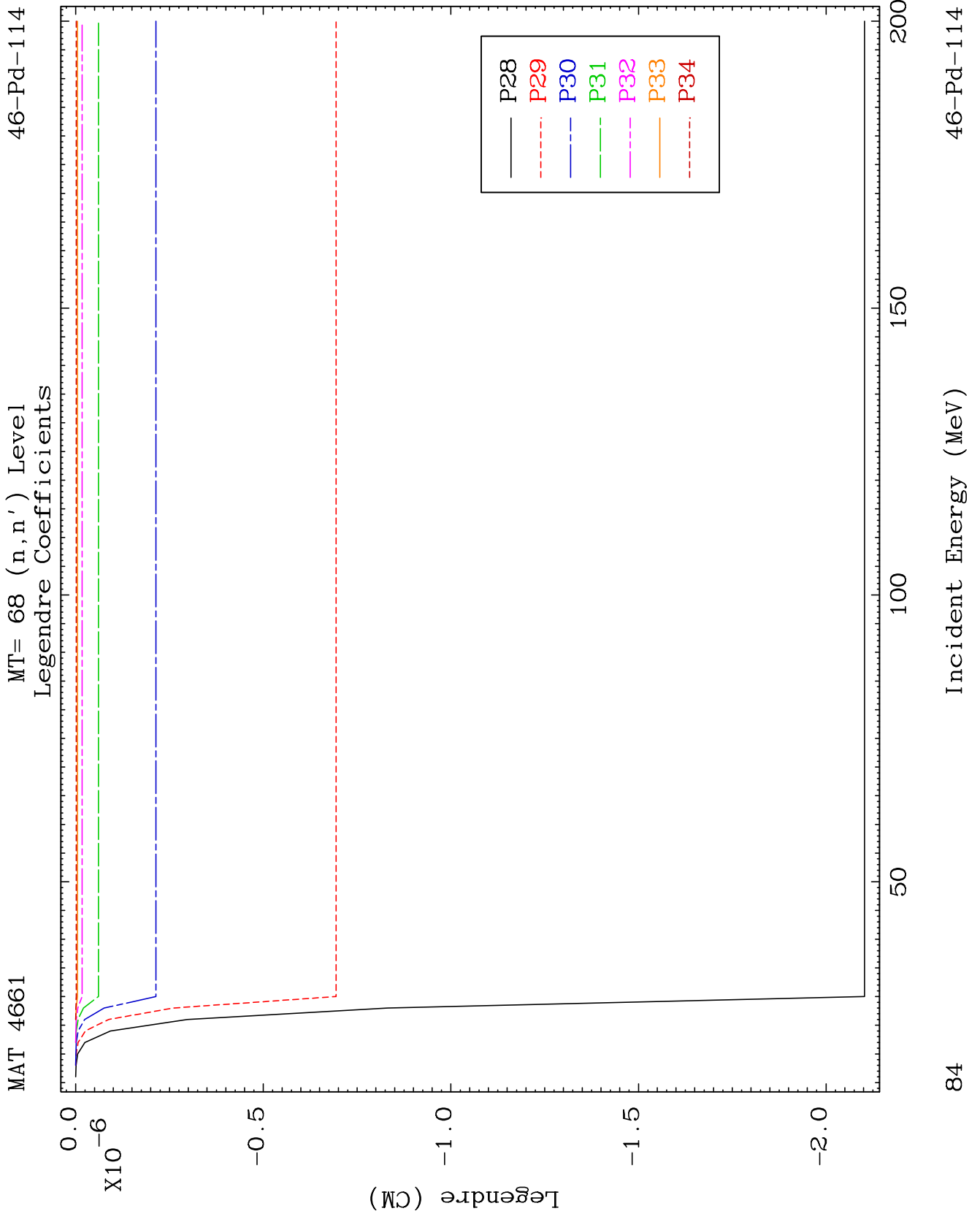


82

Incident Energy (MeV)

46-Pd-114

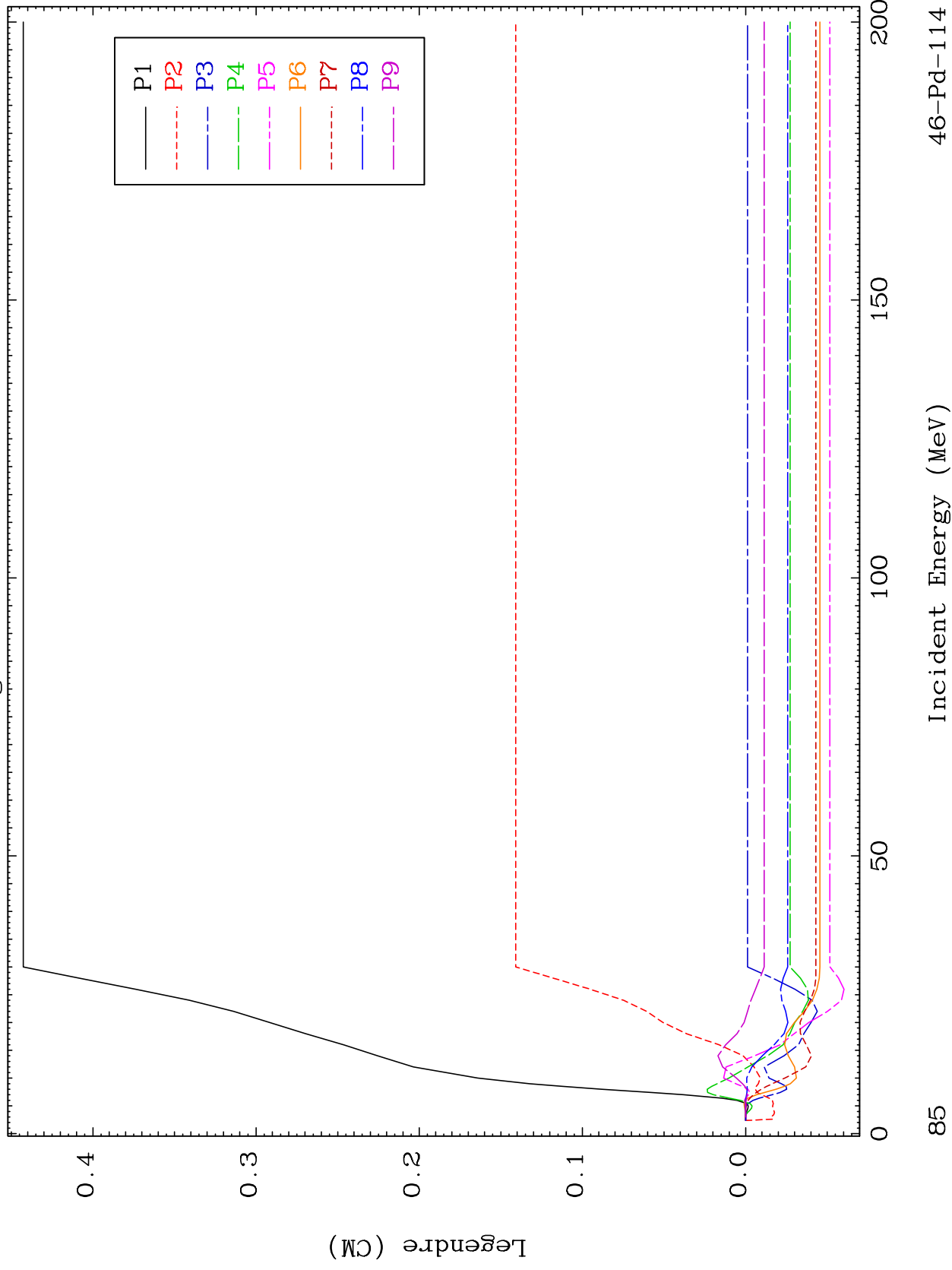




MAT 4661

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

46-Pd-114



46-Pd-114

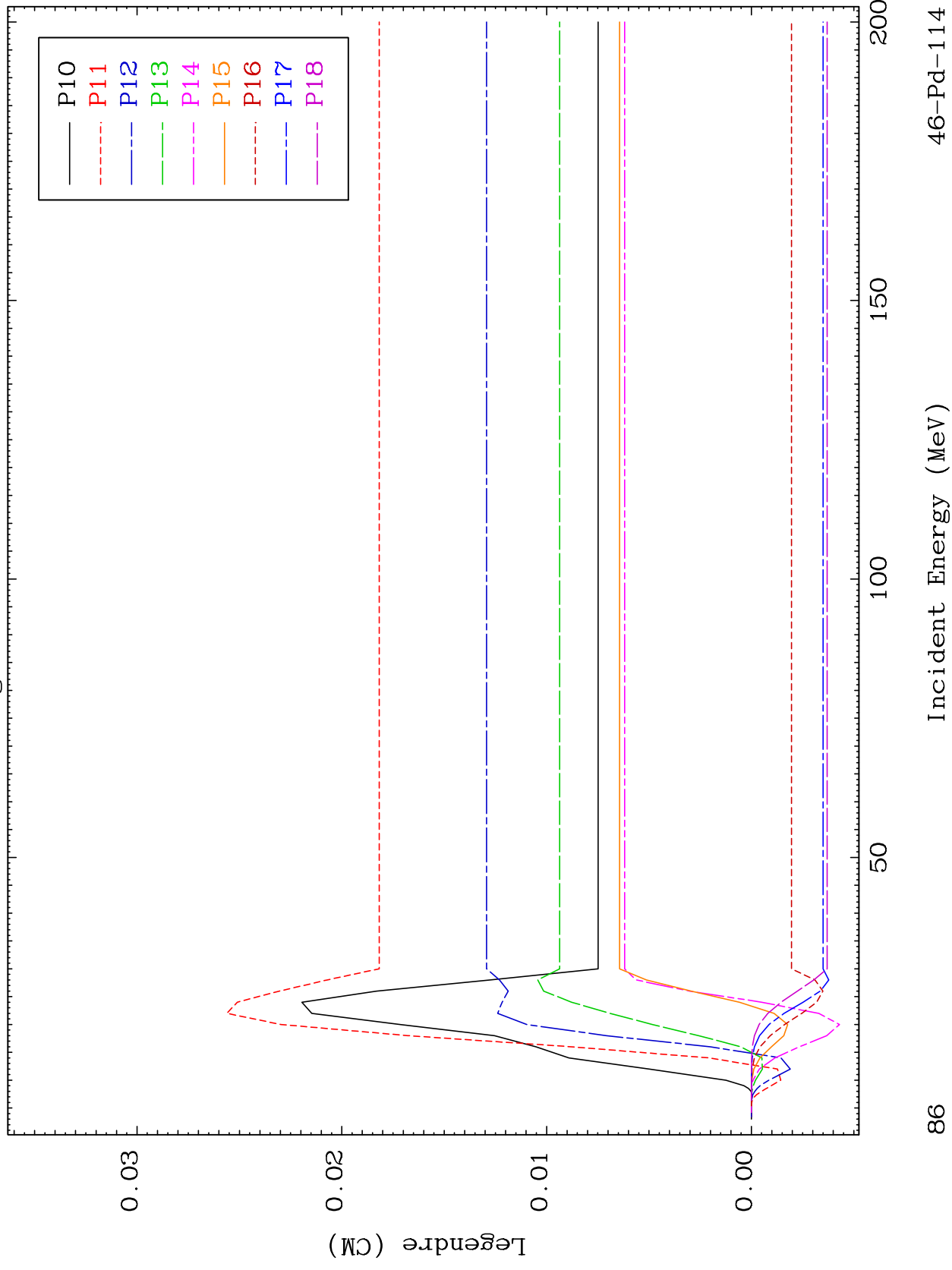
Incident Energy (MeV)

85

MAT 4661

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

46-Pd-114



86

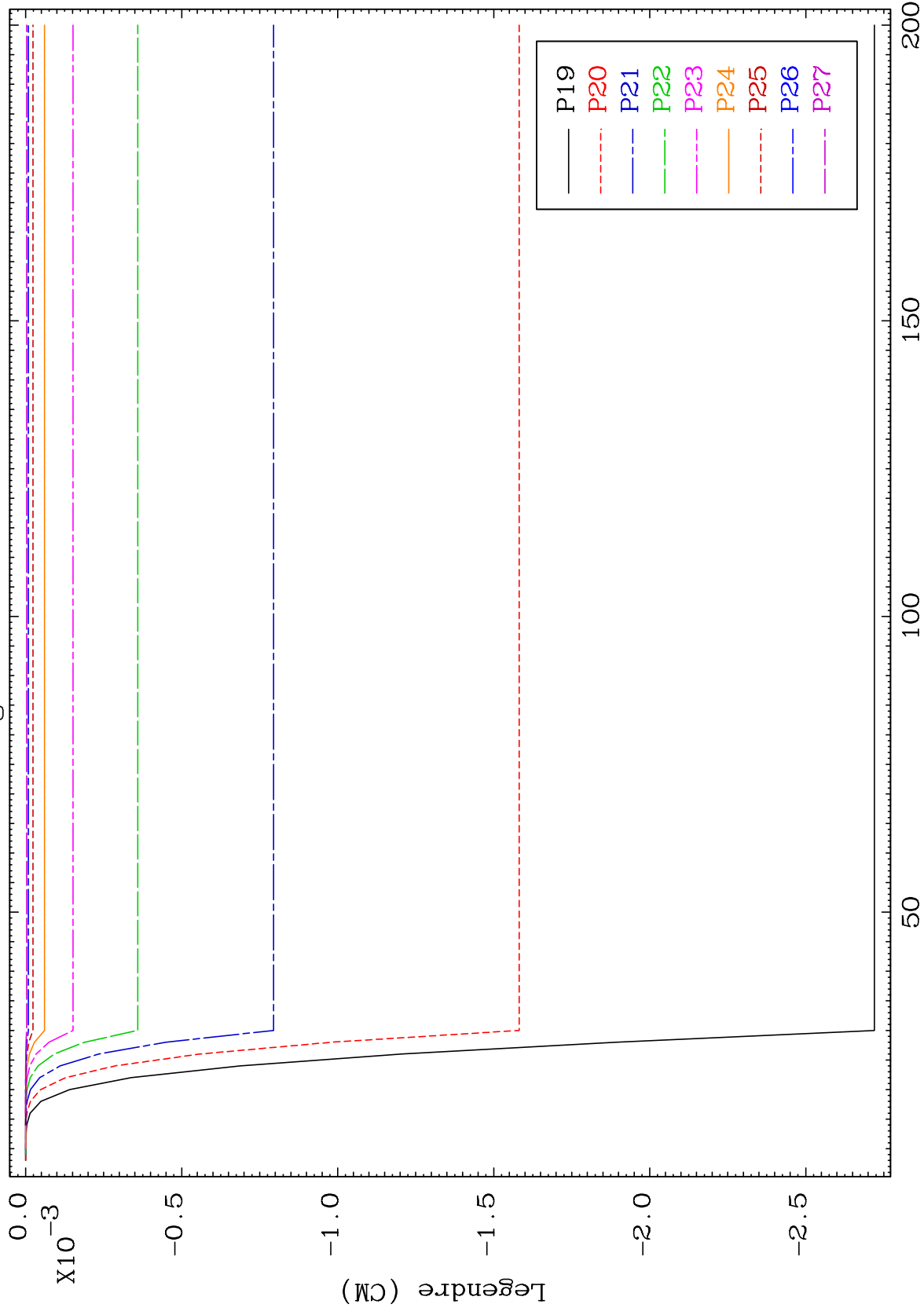
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

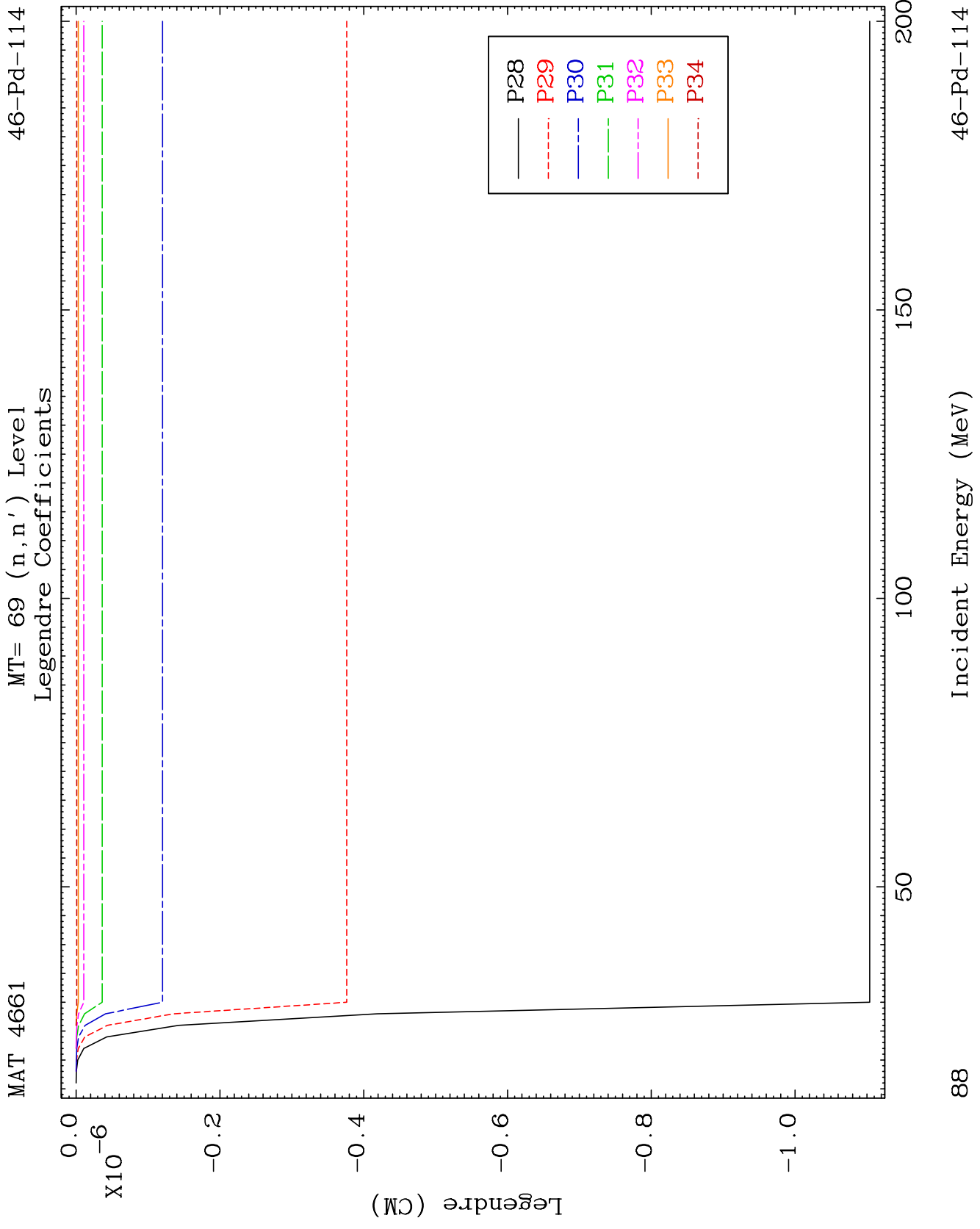
46-Pd-114



87

Incident Energy (MeV)

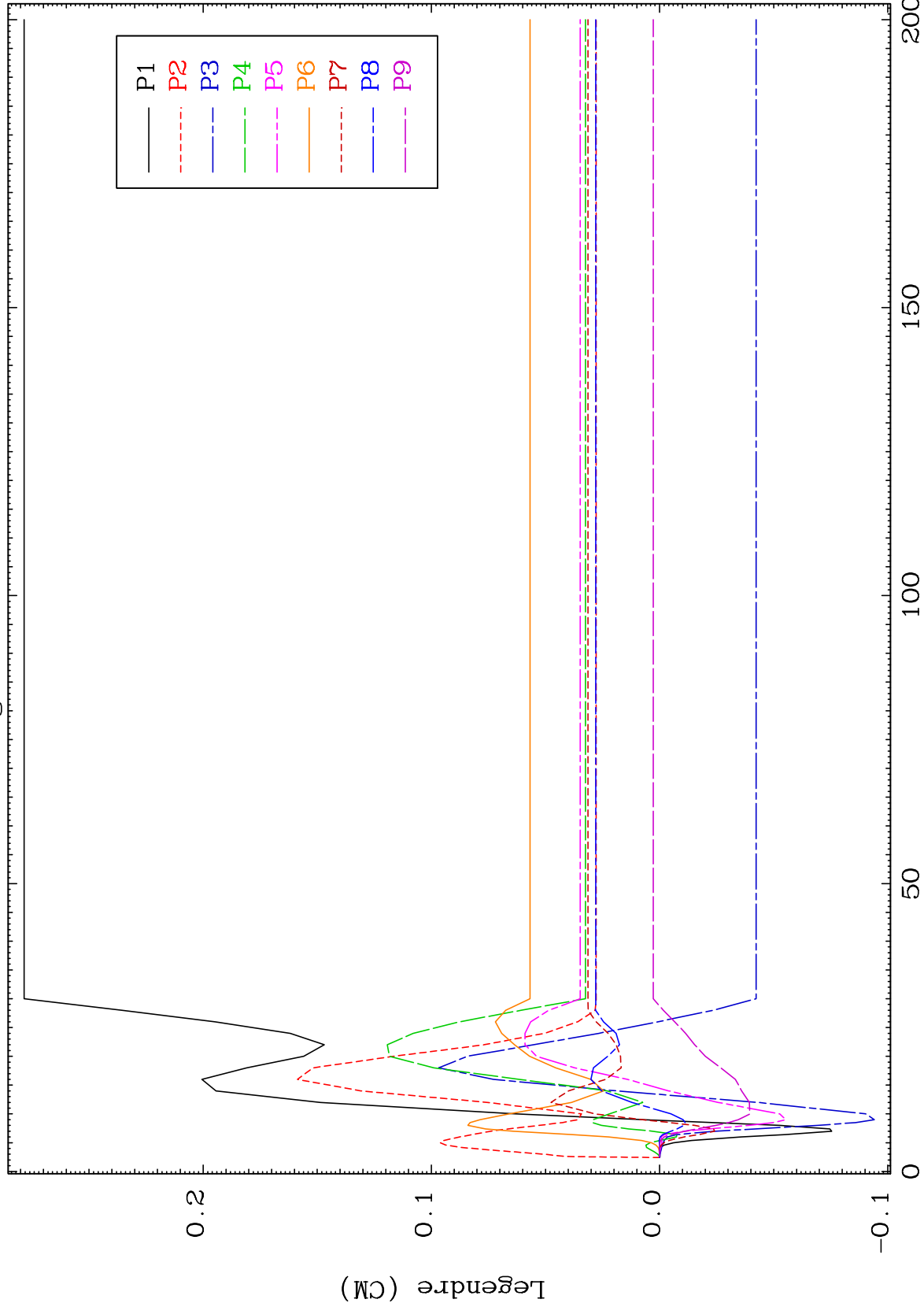
46-Pd-114



MAT 4661

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

46-Pd-114



89

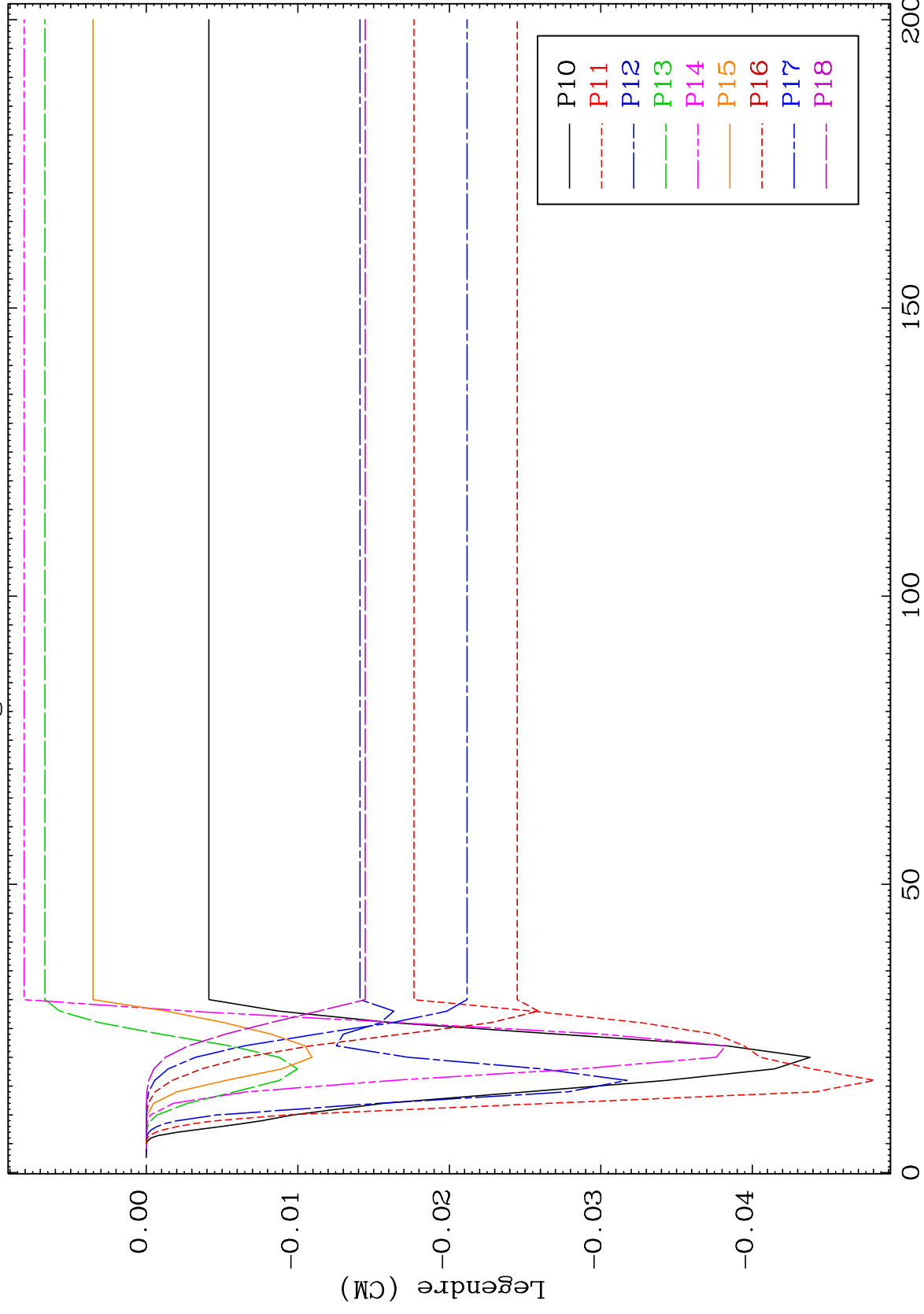
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

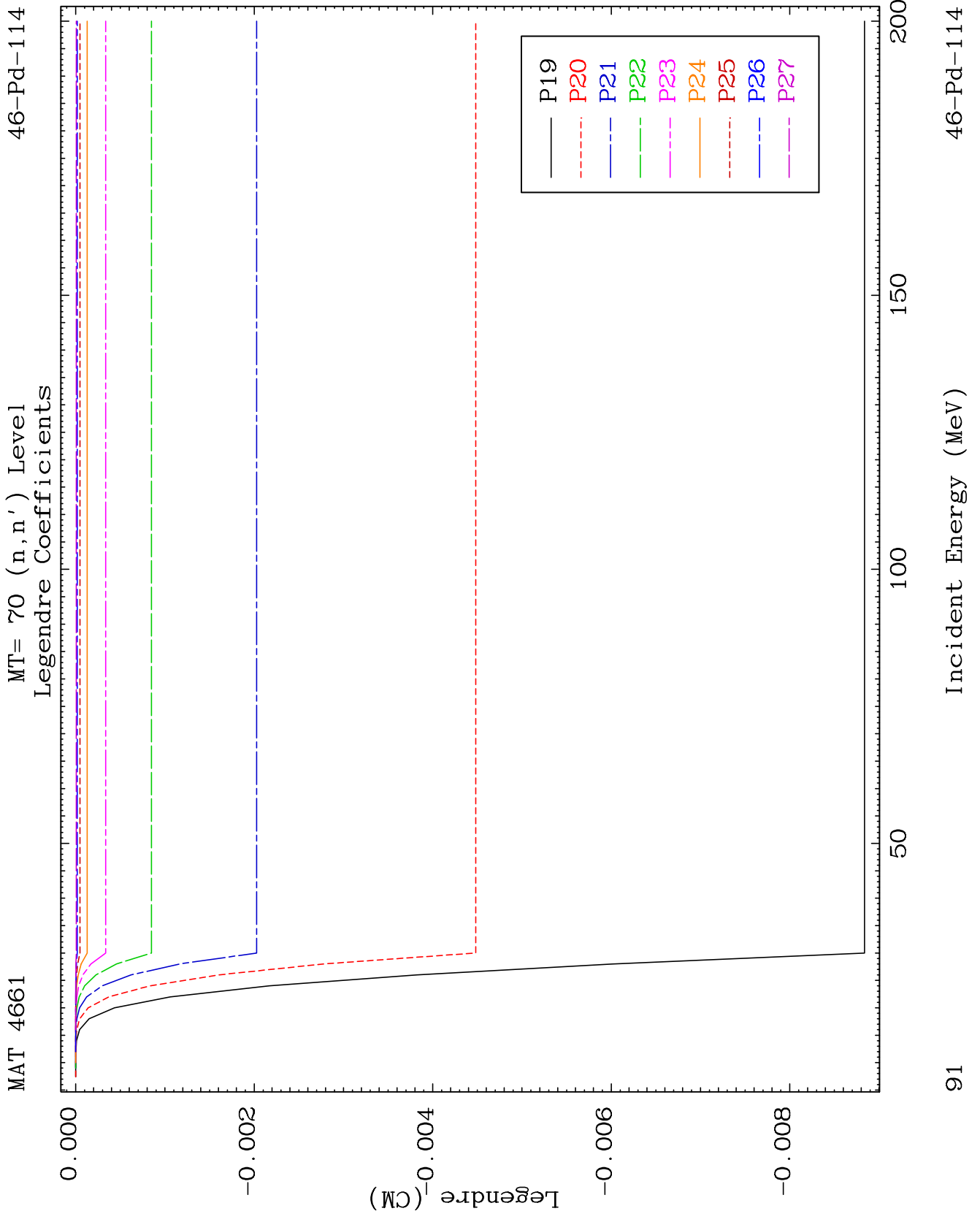
46-Pd-114

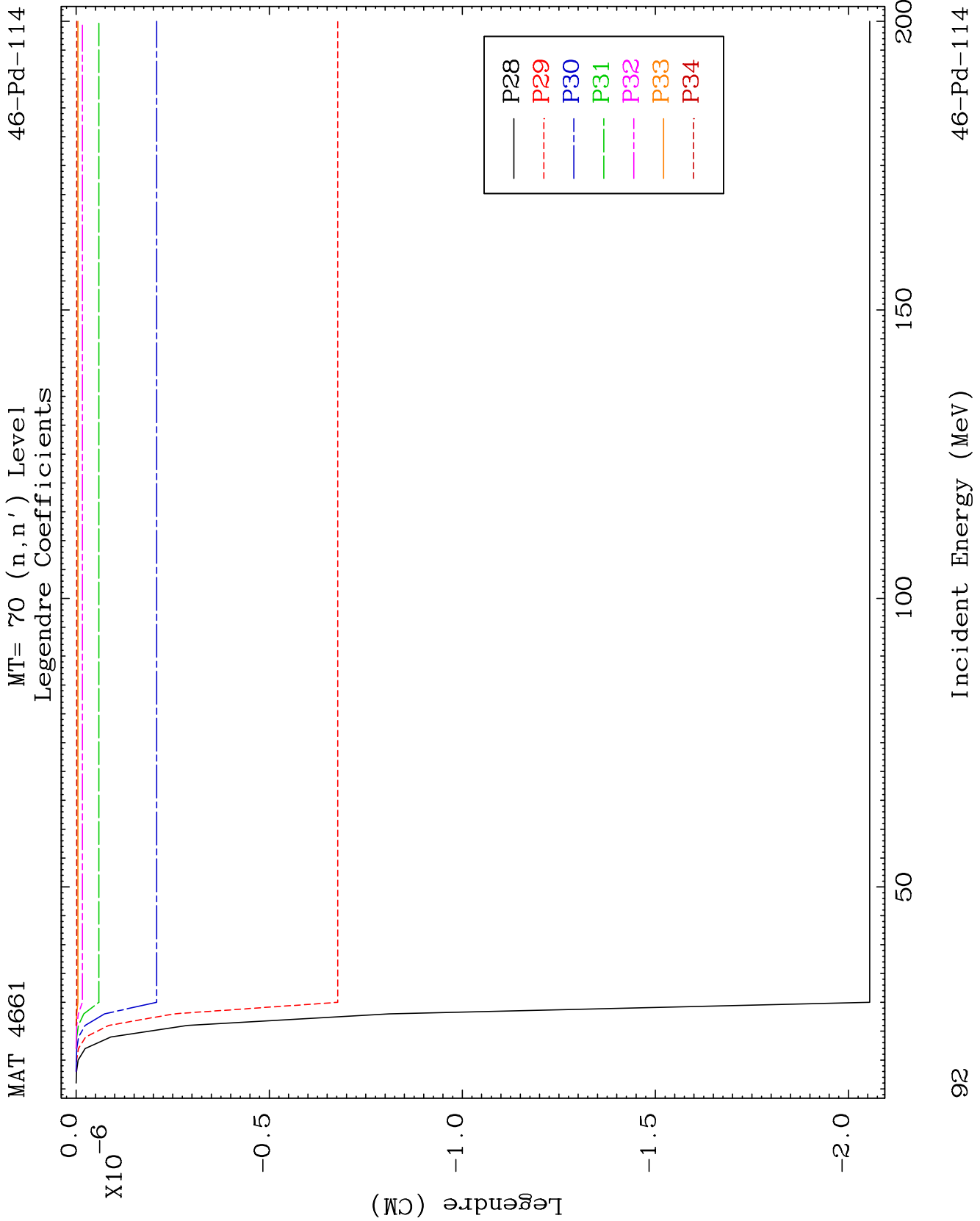


90

Incident Energy (MeV)

46-Pd-114

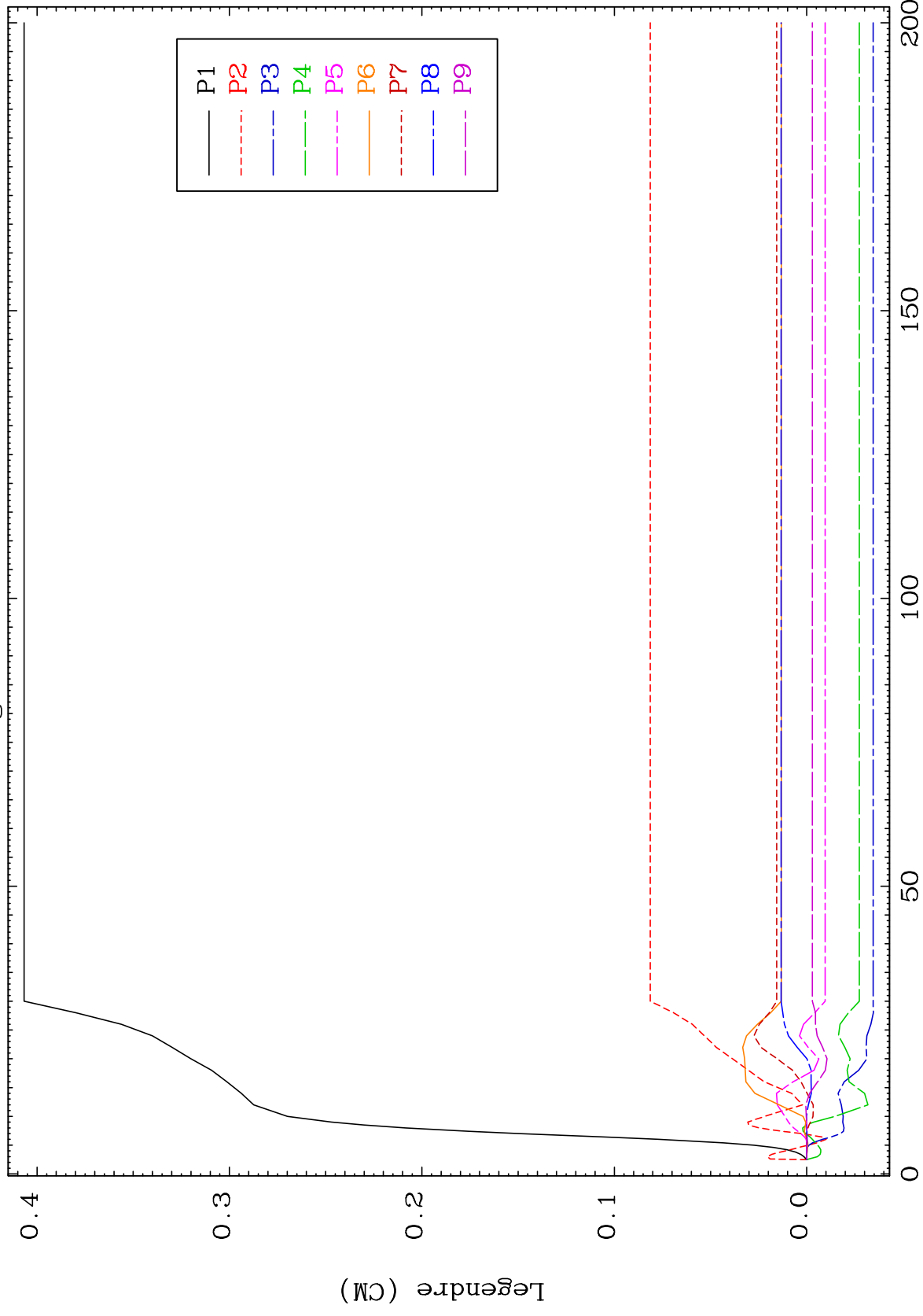




MAT 4661

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

46-Pd-114



93

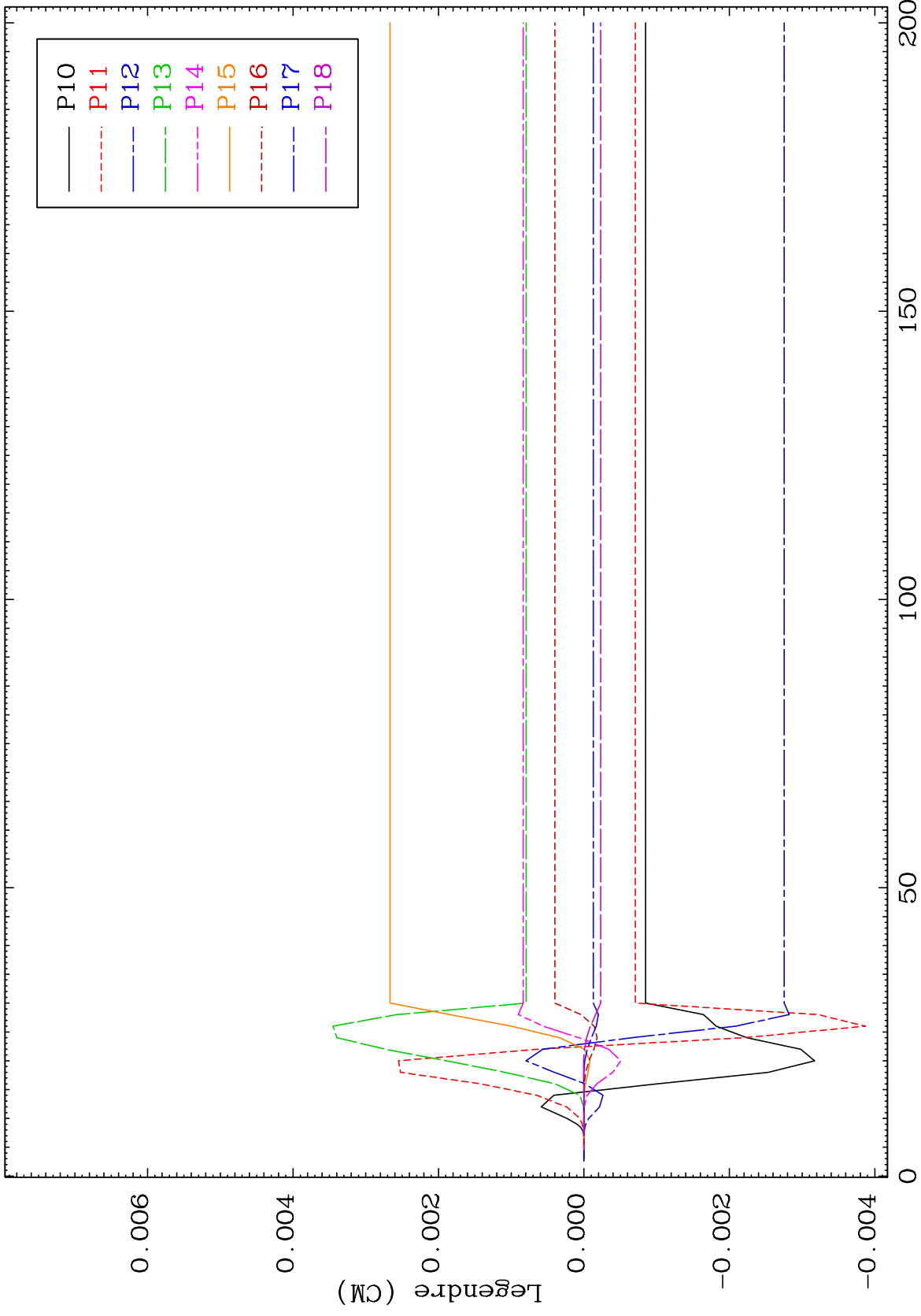
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

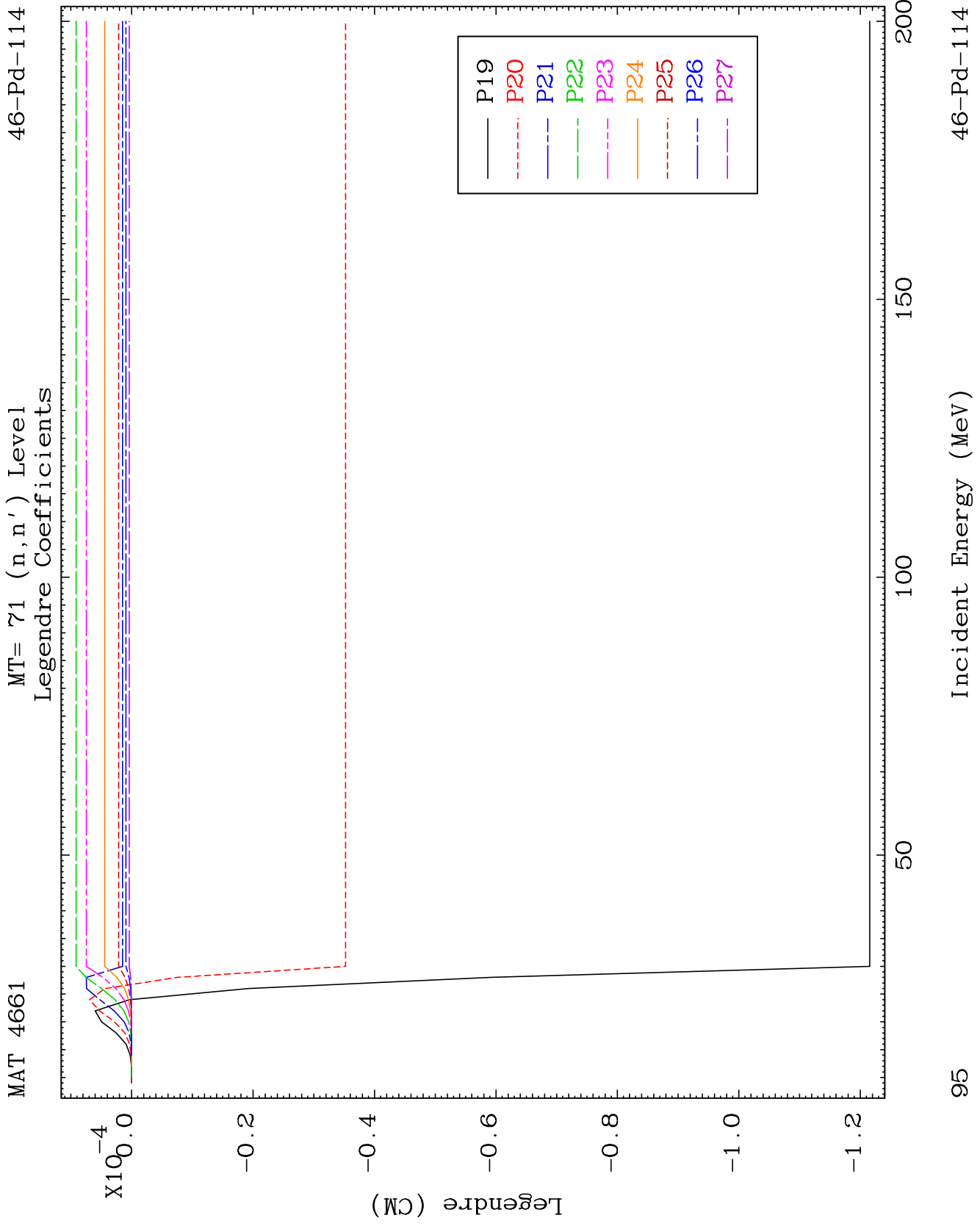
46-Pd-114



94

Incident Energy (MeV)

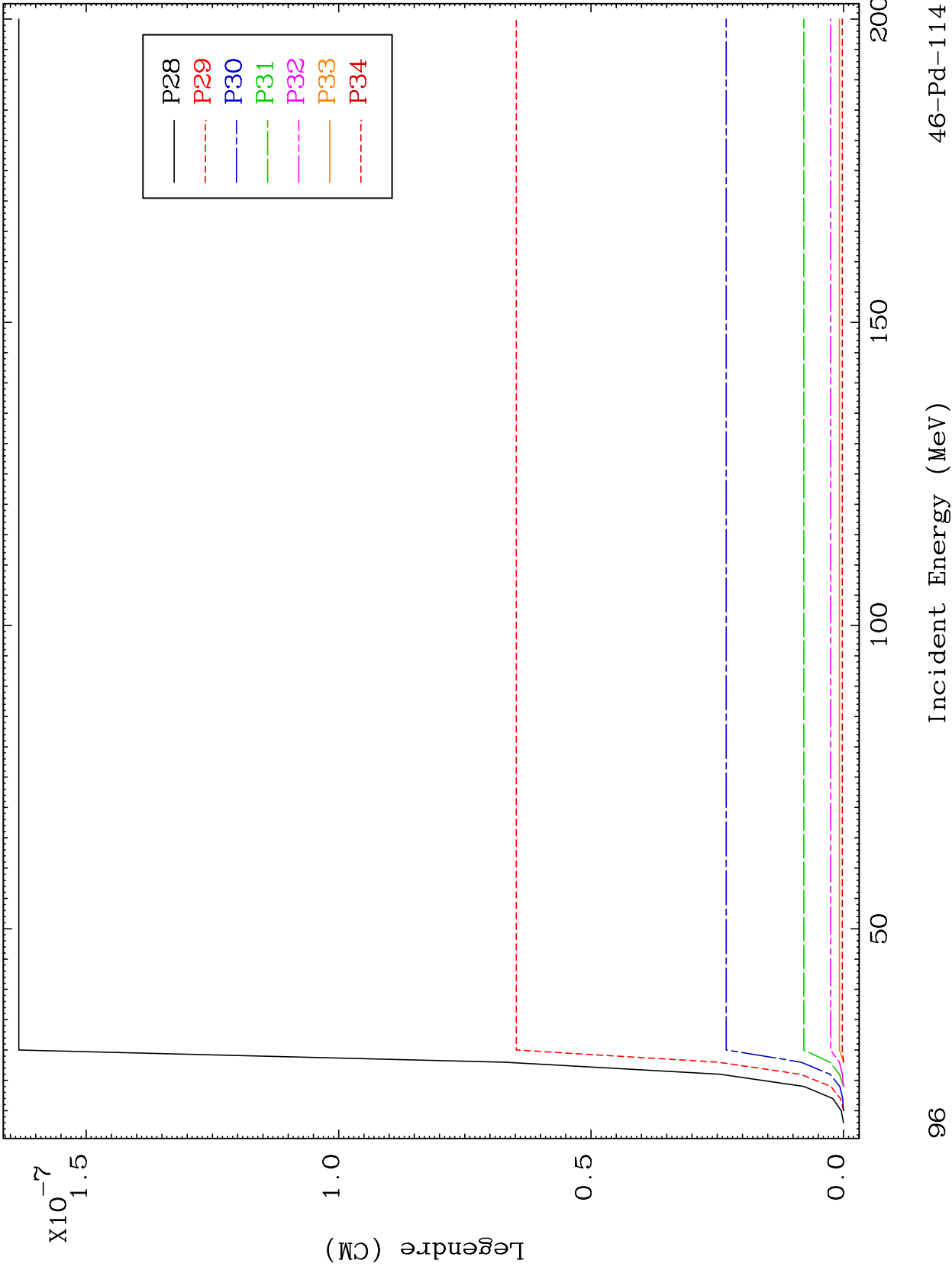
46-Pd-114



MAT 4661

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

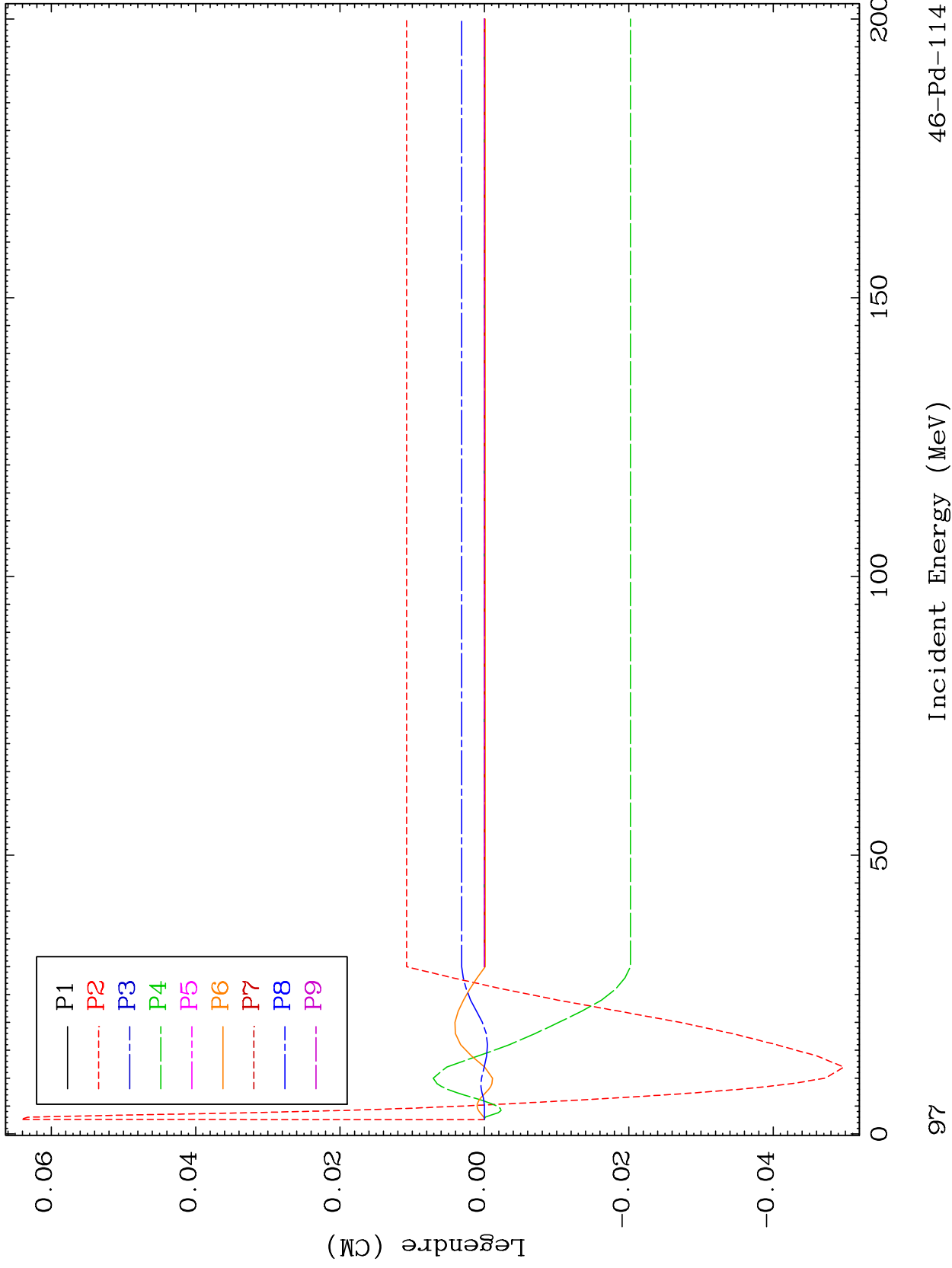
46-Pd-114



MAT 4661

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

46-Pd-114



97

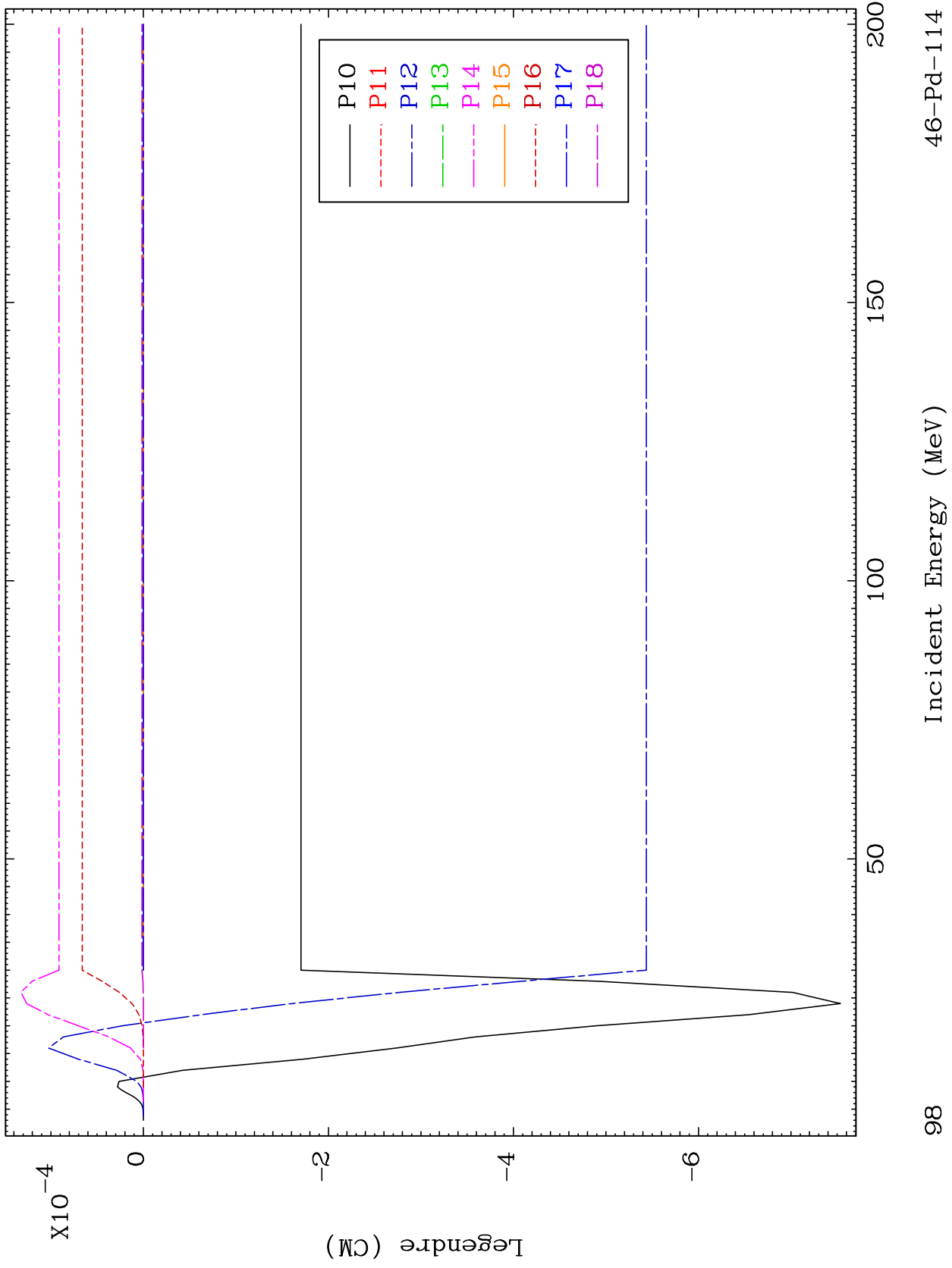
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



98

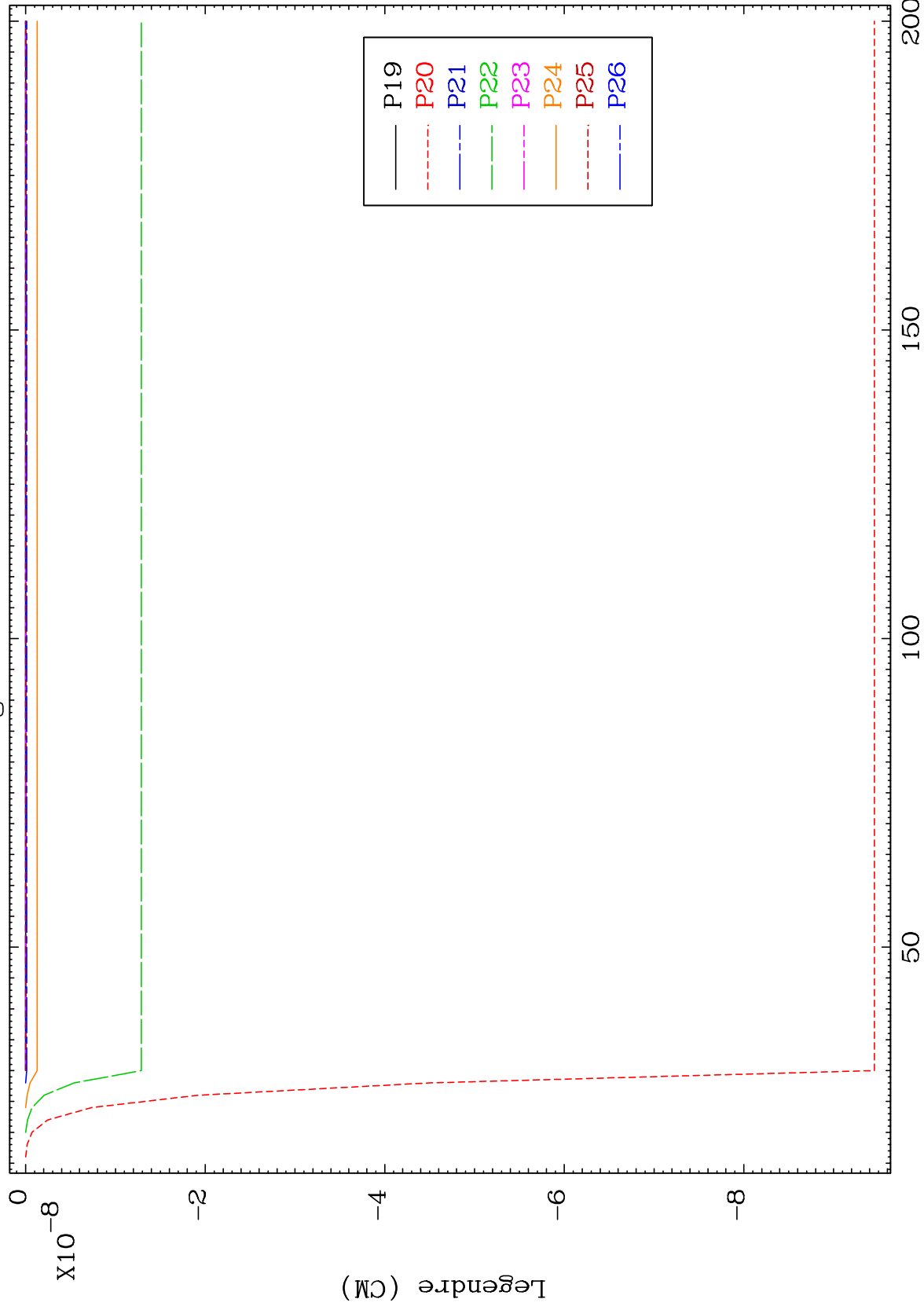
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



99

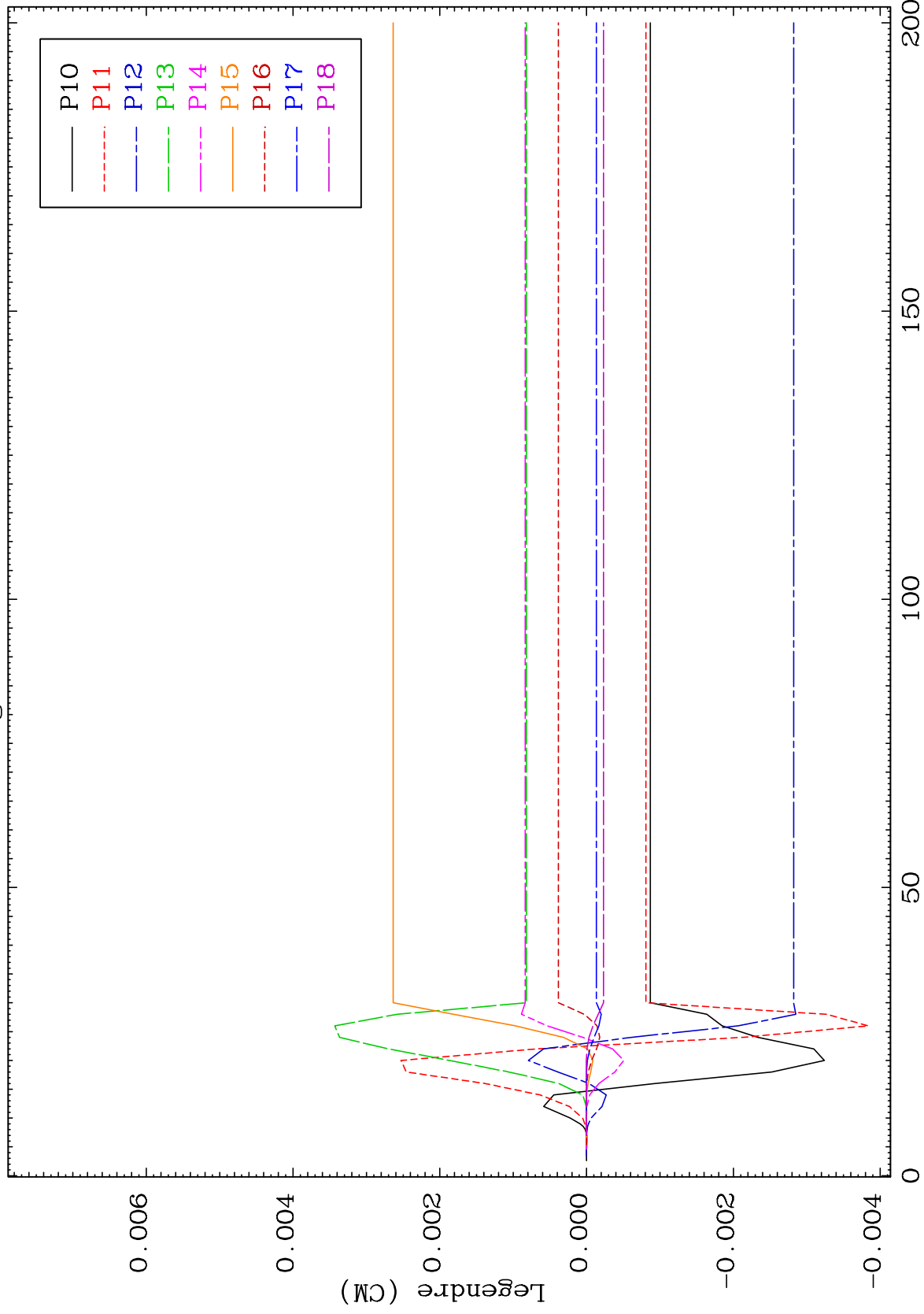
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



101

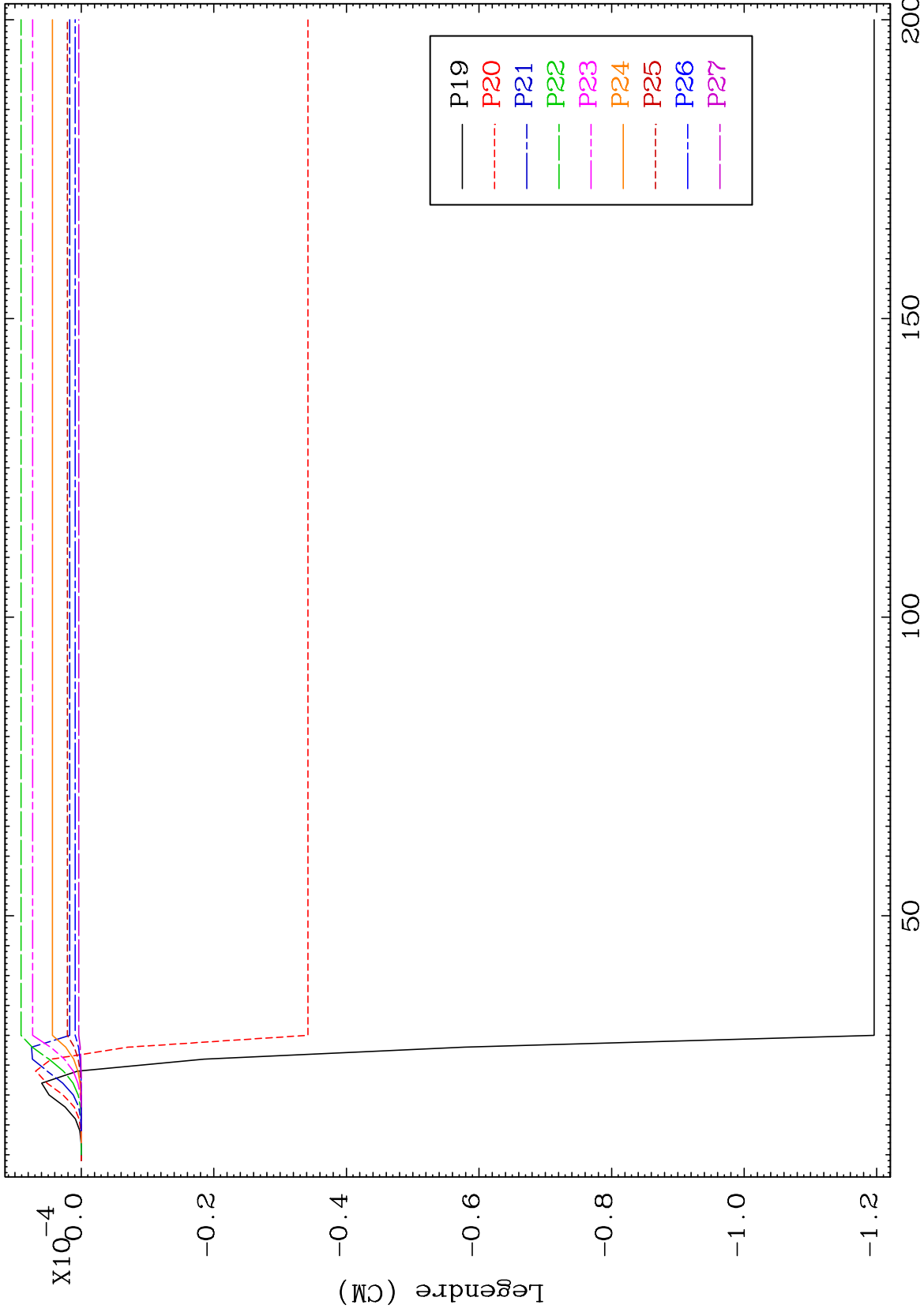
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



102

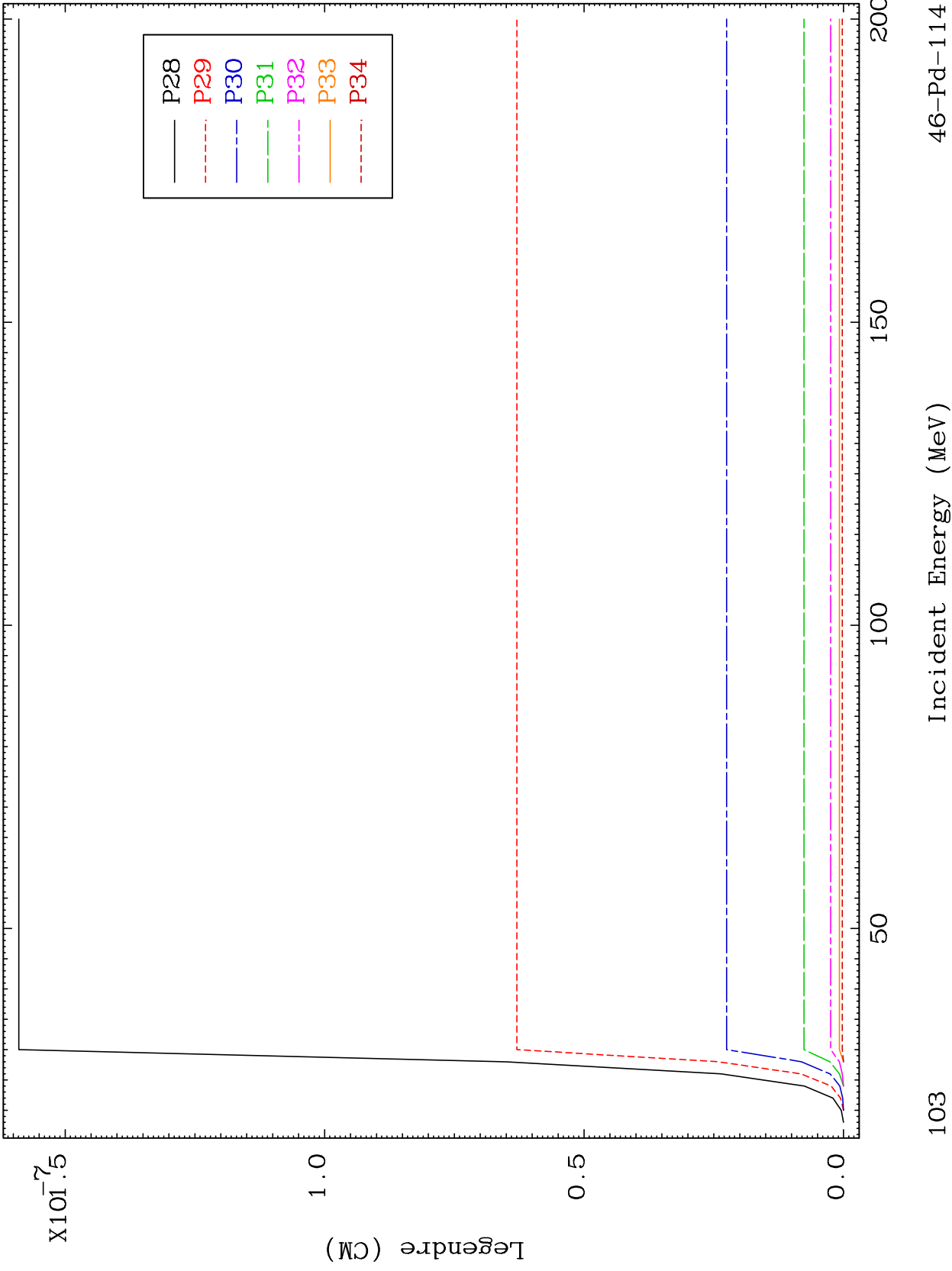
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



103

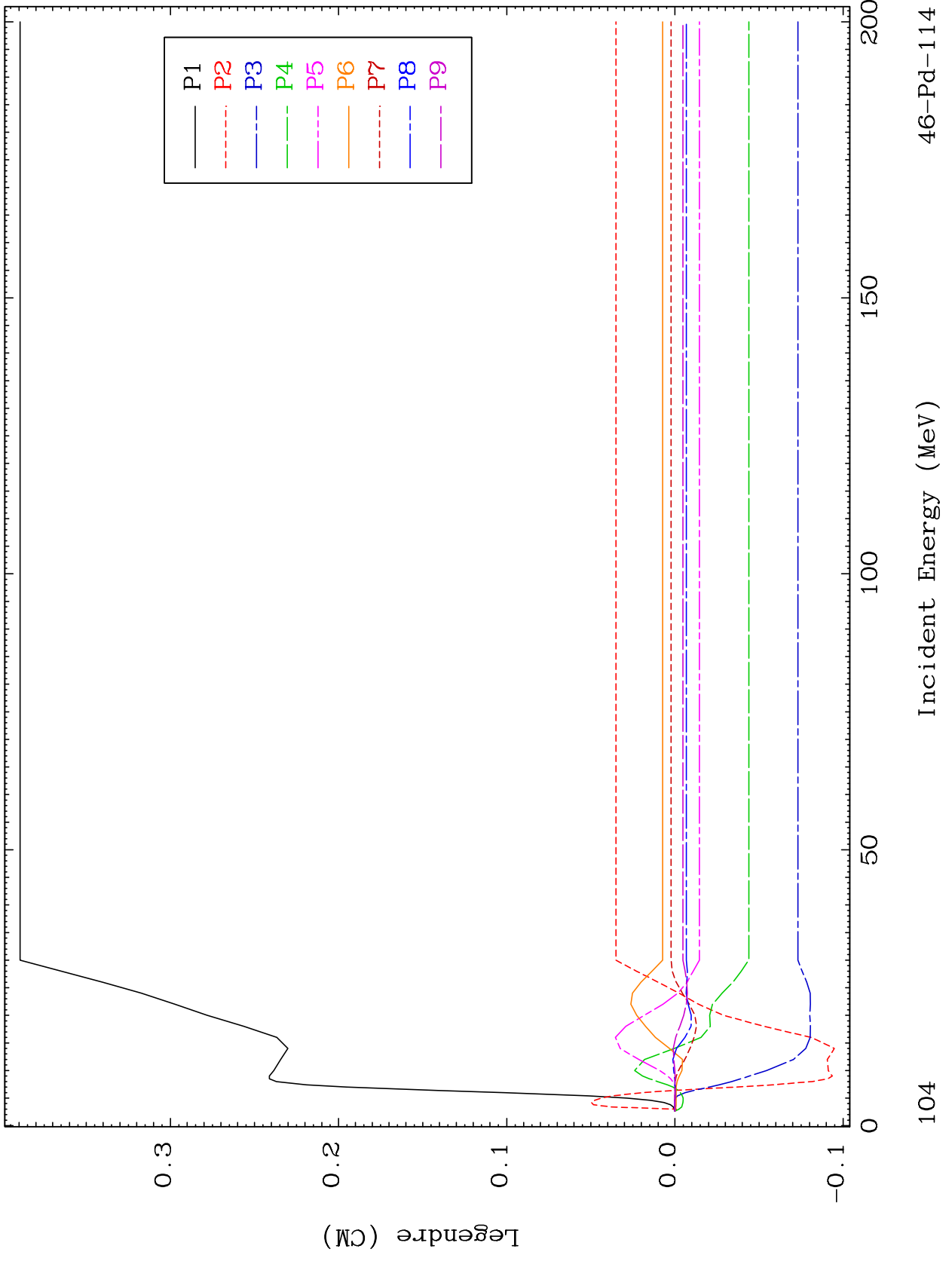
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



46-Pd-114

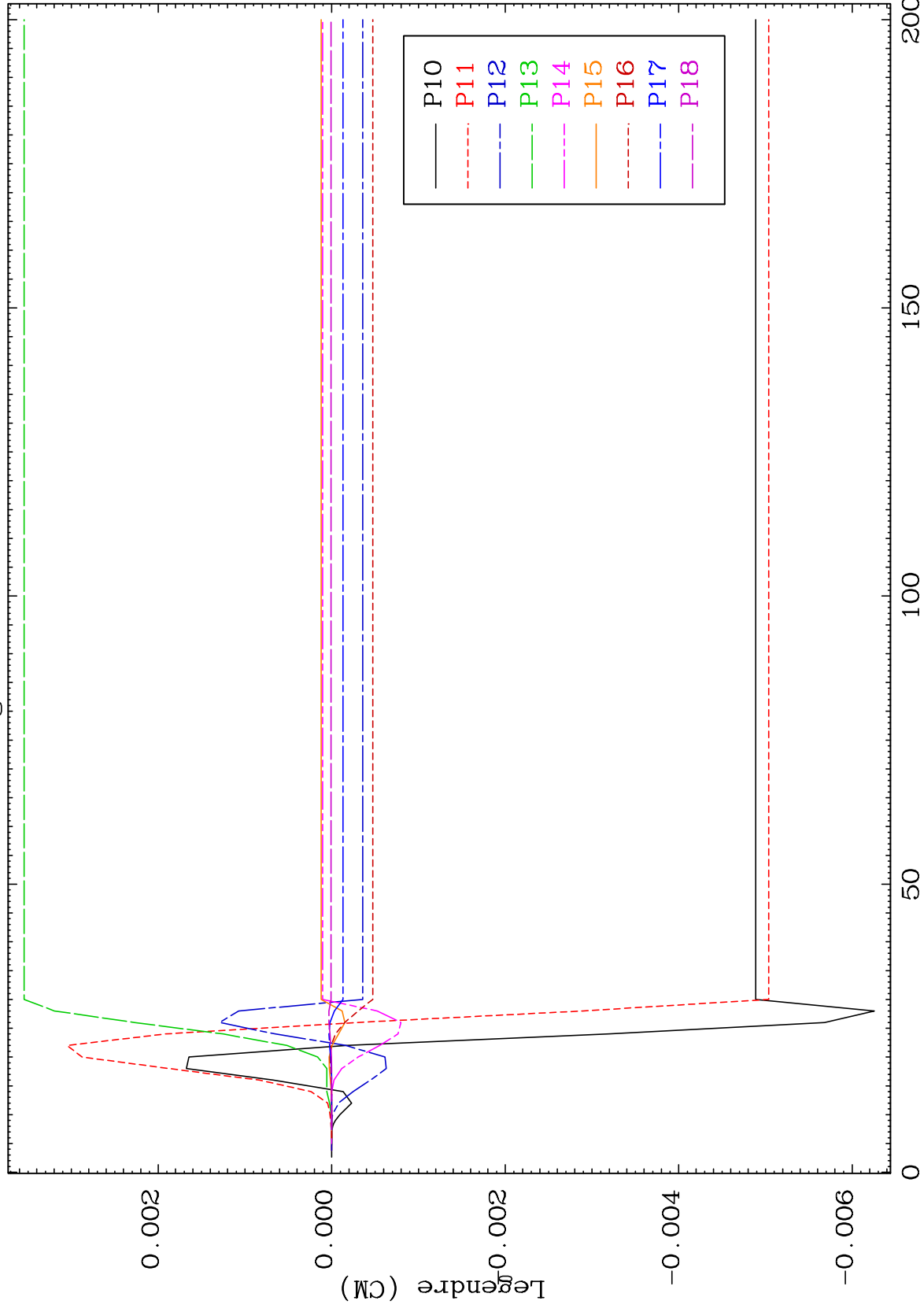
Incident Energy (MeV)

104

MAT 4661

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

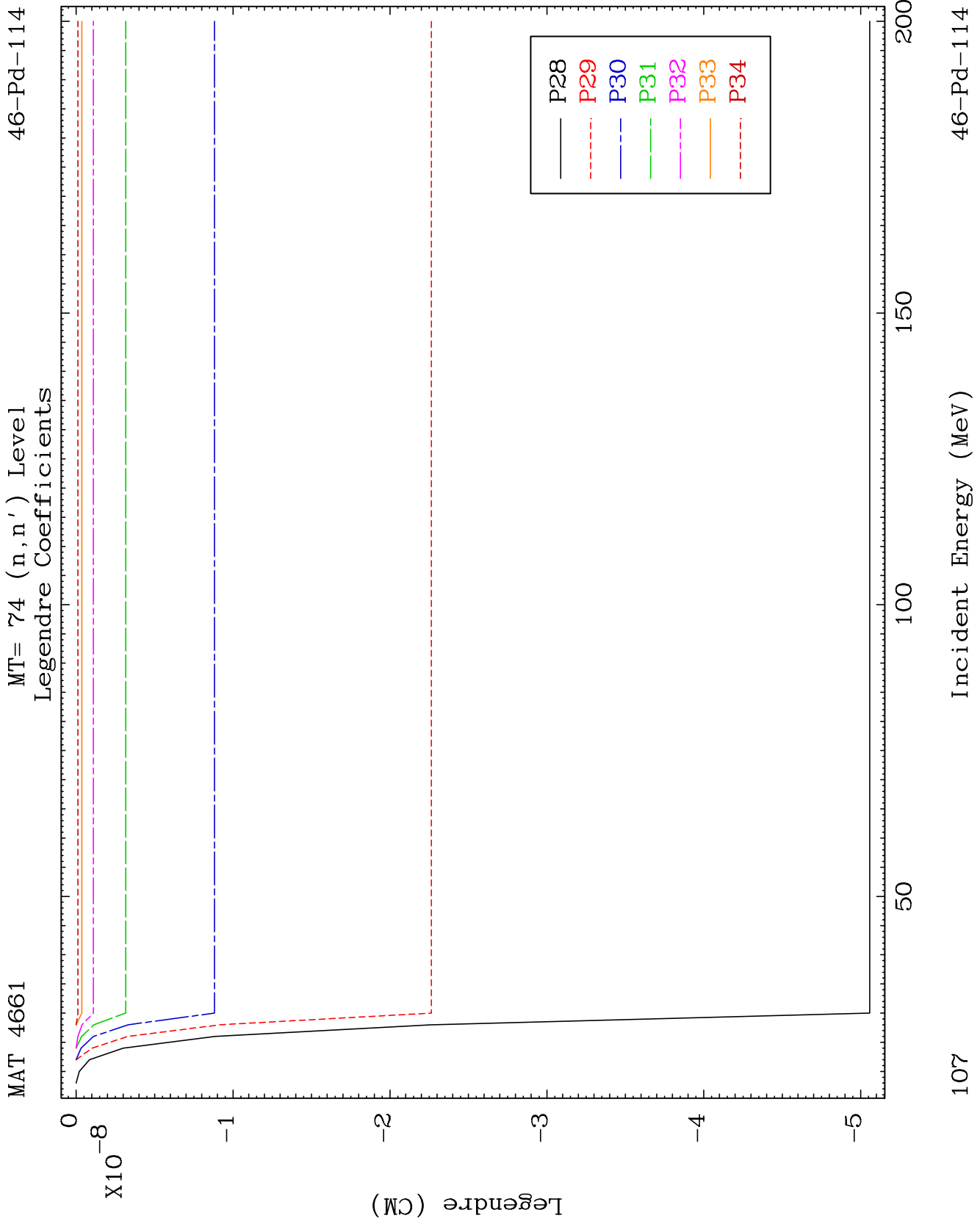
46-Pd-114



105

Incident Energy (MeV)

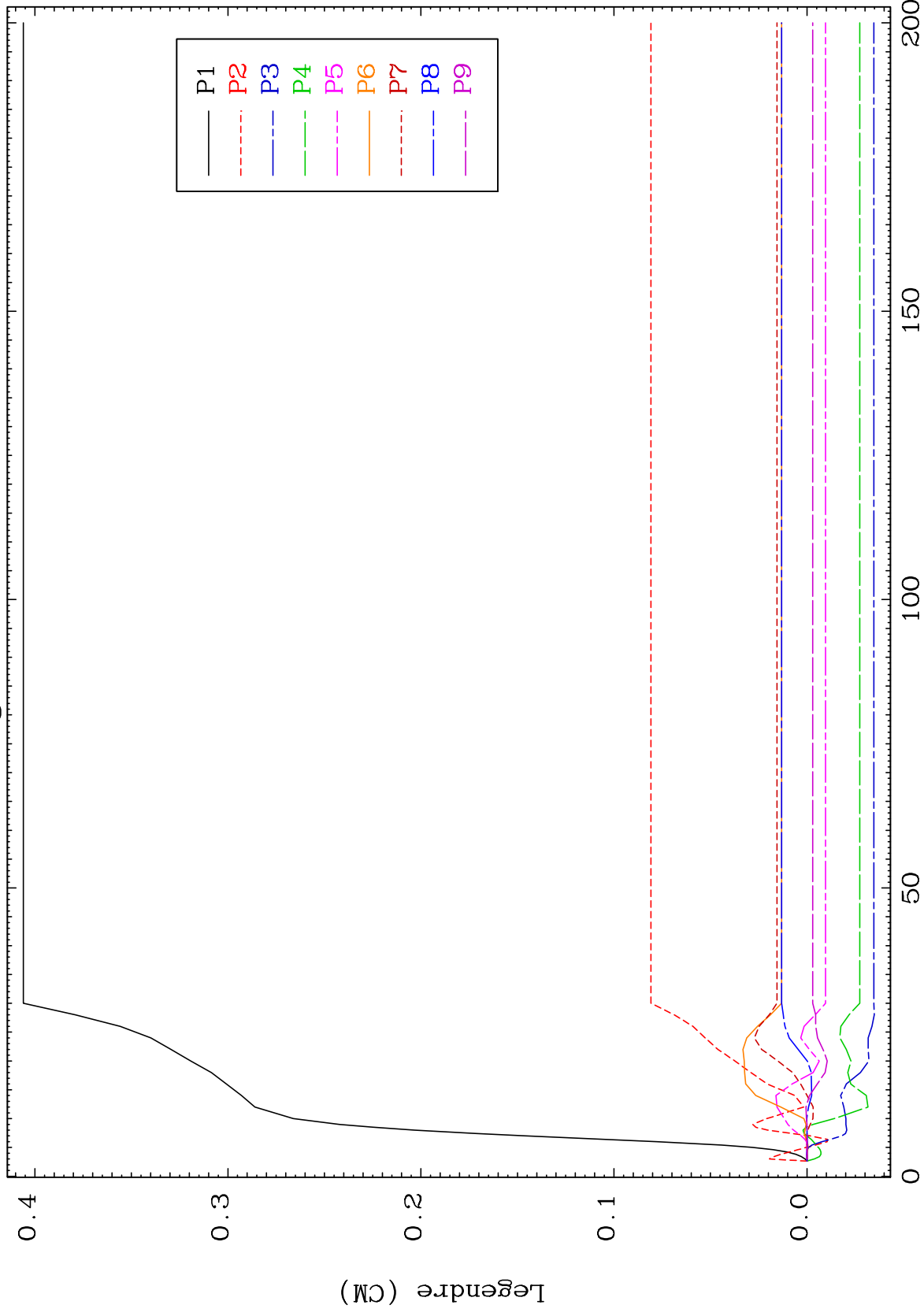
46-Pd-114



MAT 4661

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

46-Pd-114



108

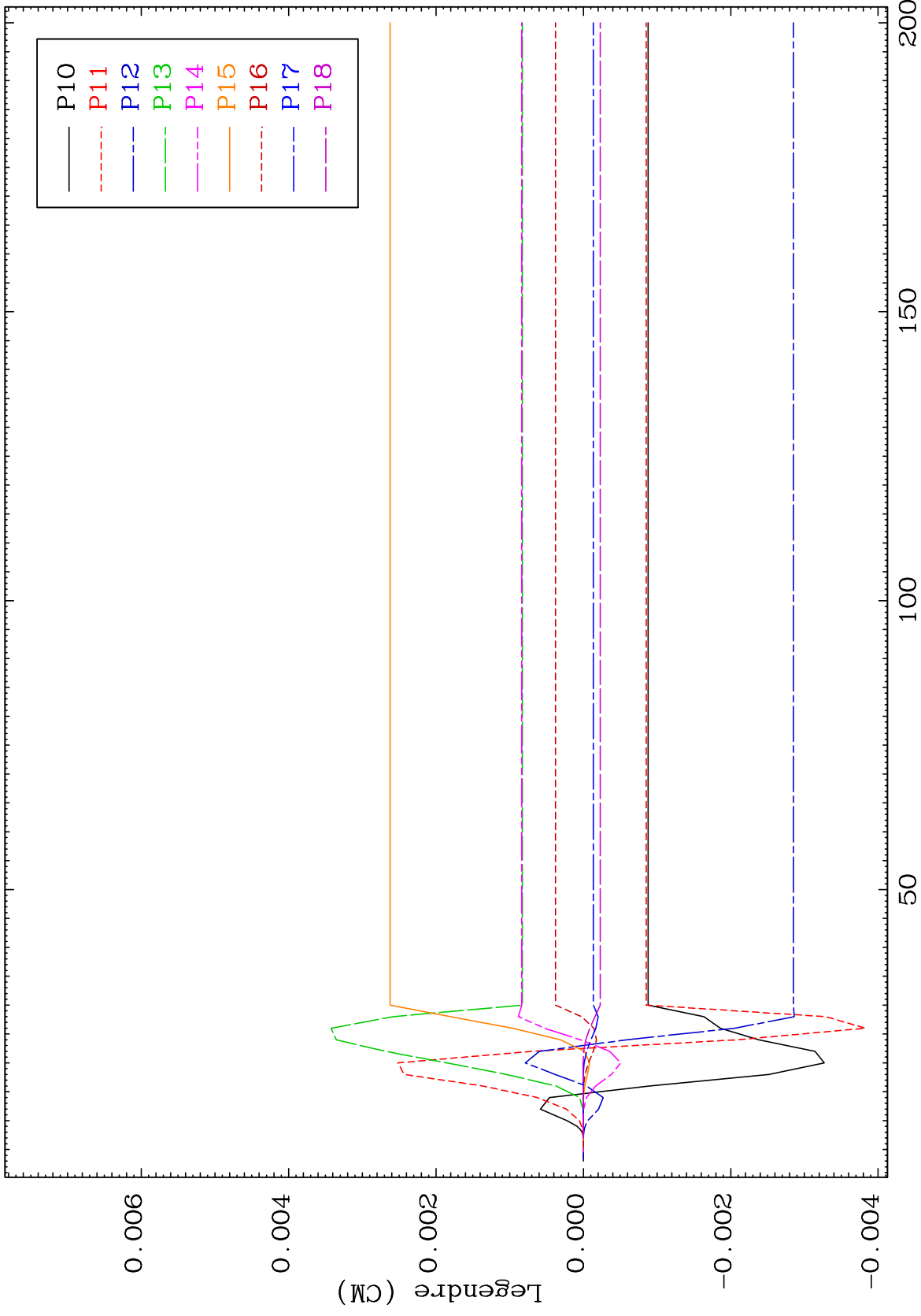
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

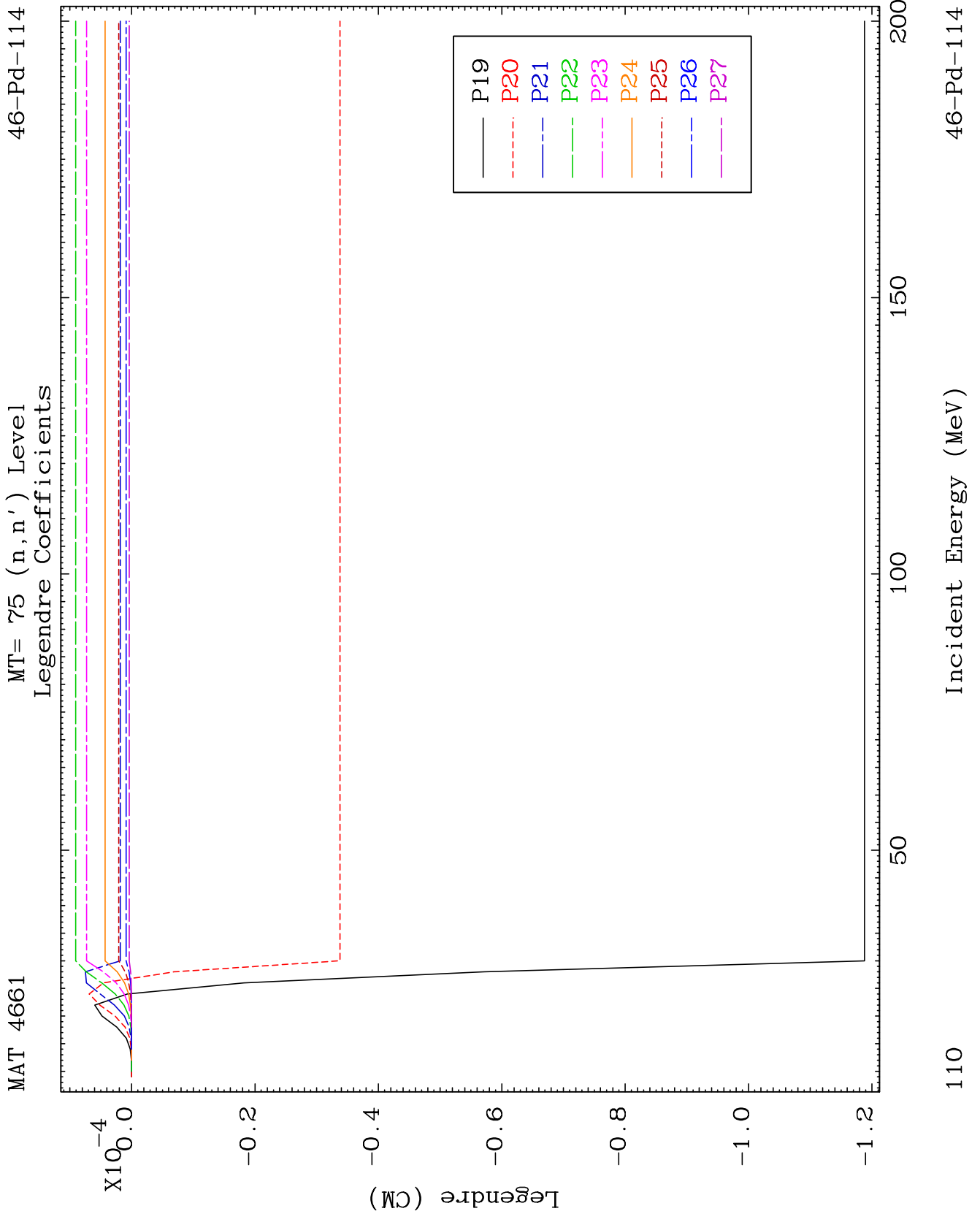
46-Pd-114



109

Incident Energy (MeV)

46-Pd-114



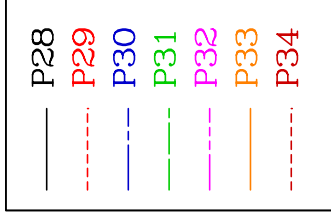
MAT 4661

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

46-Pd-114

$\times 10^{-7.5}$

Legendre (CM)



1.0

0.5

0.0

50

100

150

200

111

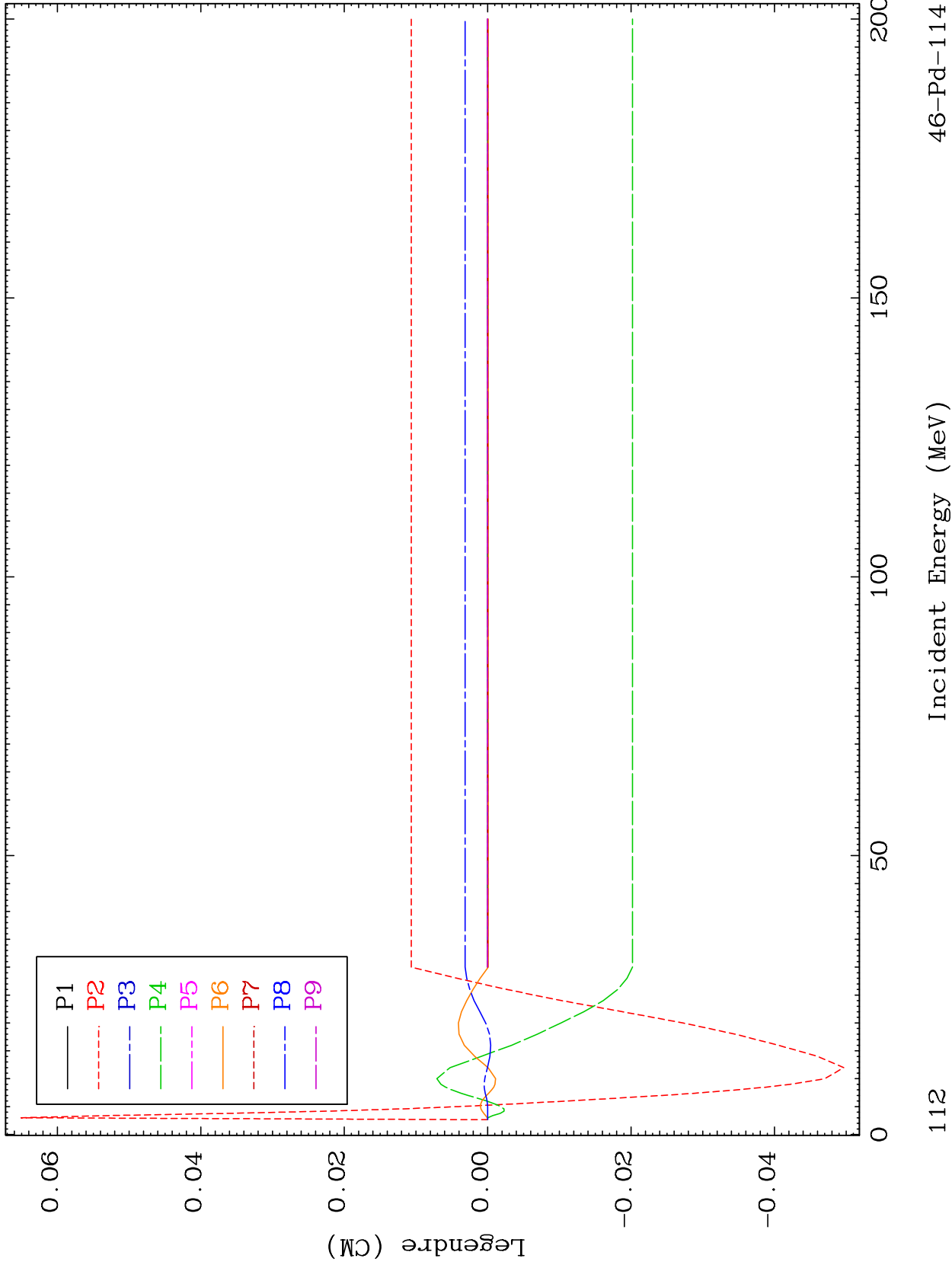
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



112

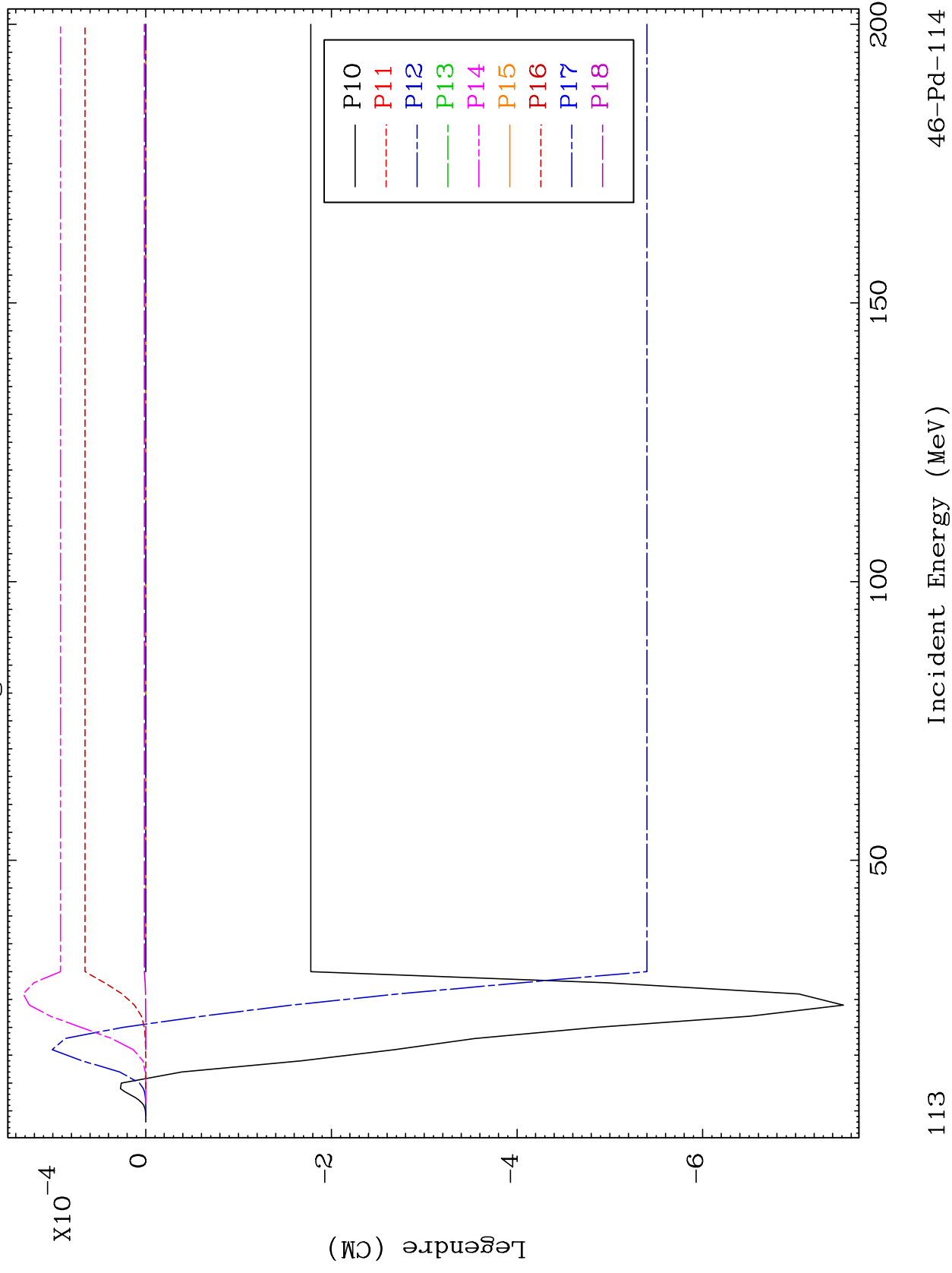
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



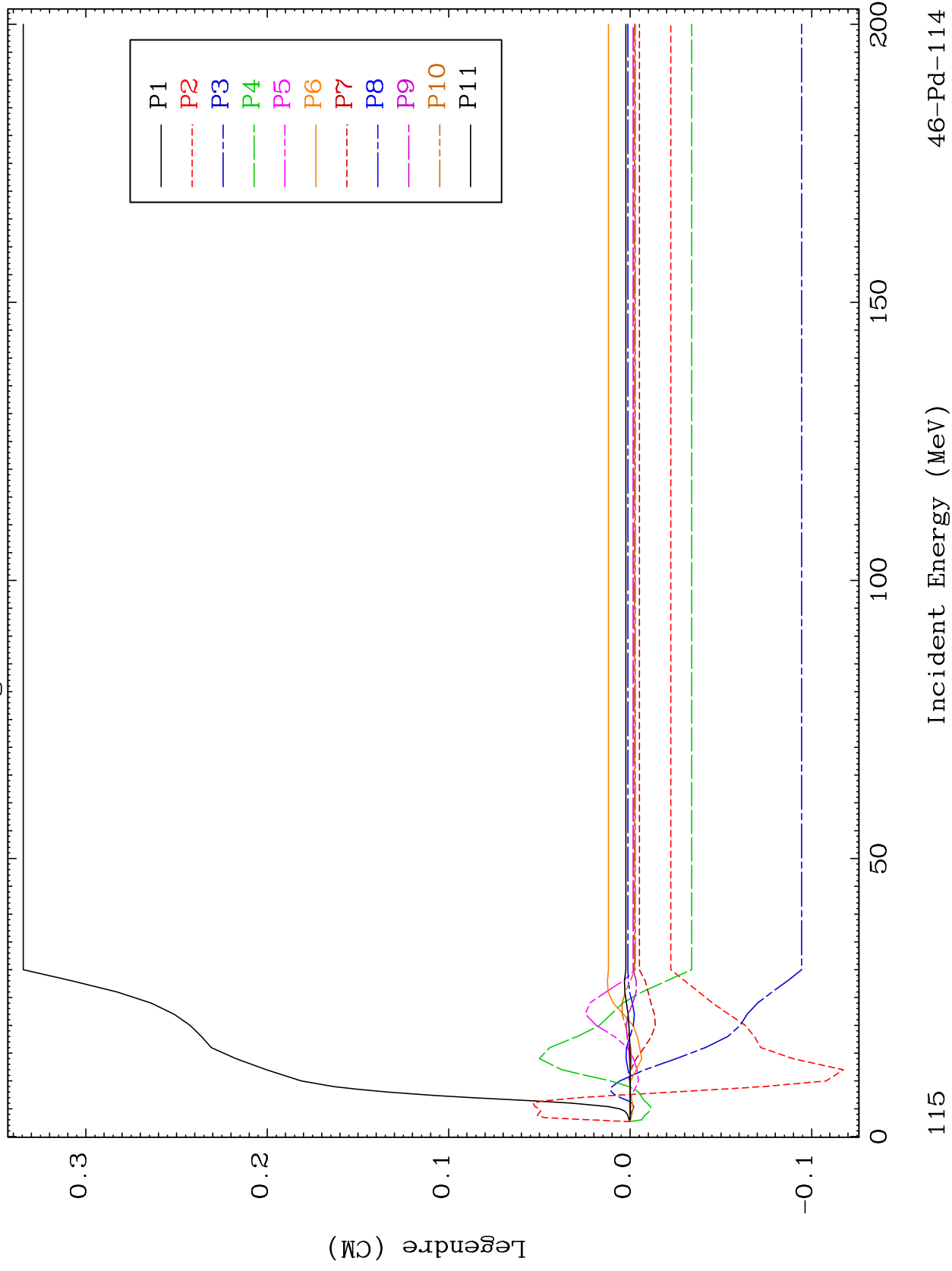
113

46-Pd-114

MAT 4661

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

46-Pd-114



46-Pd-114

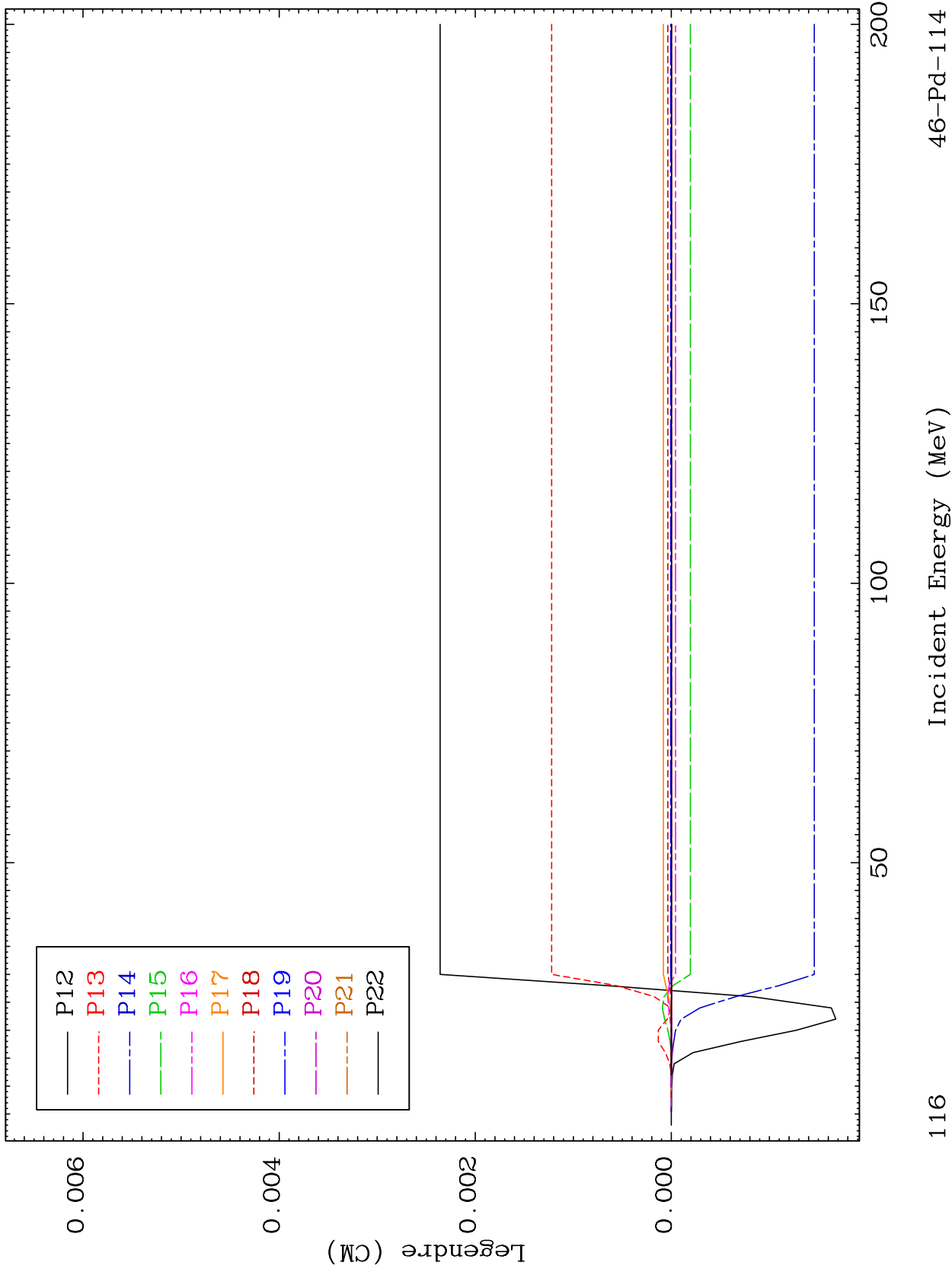
Incident Energy (MeV)

115

MAT 4661

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

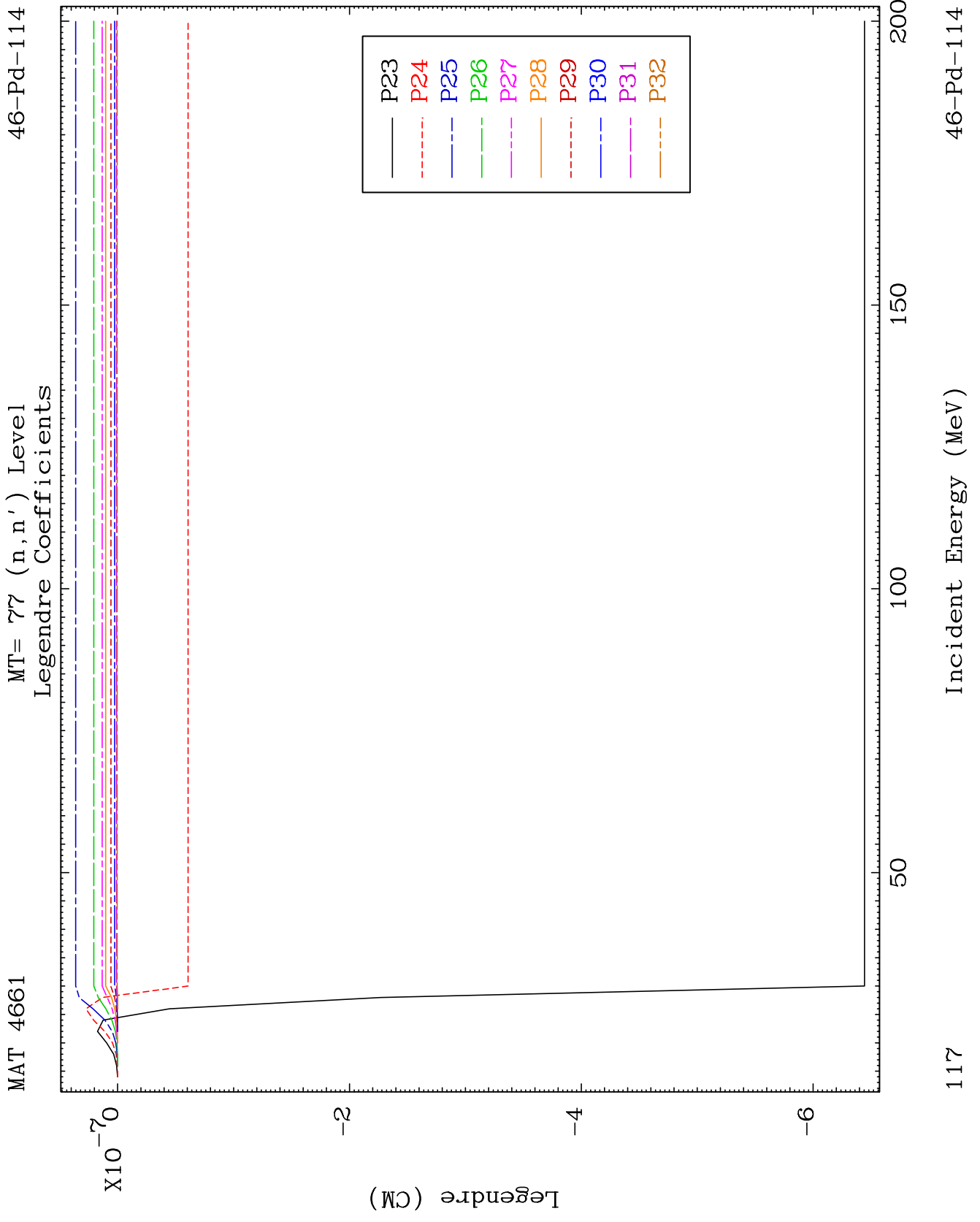
46-Pd-114



116

Incident Energy (MeV)

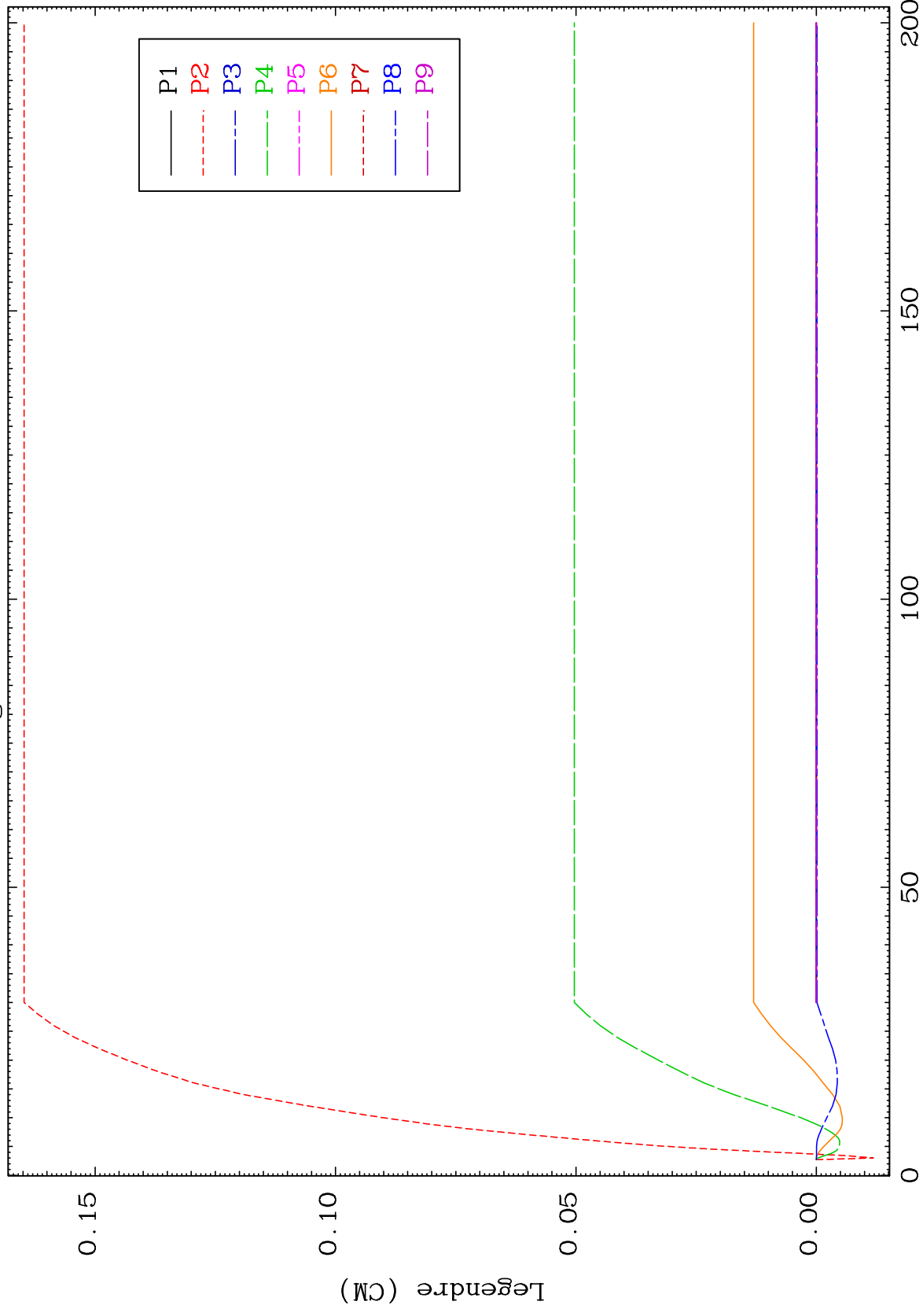
46-Pd-114



MAT 4661

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

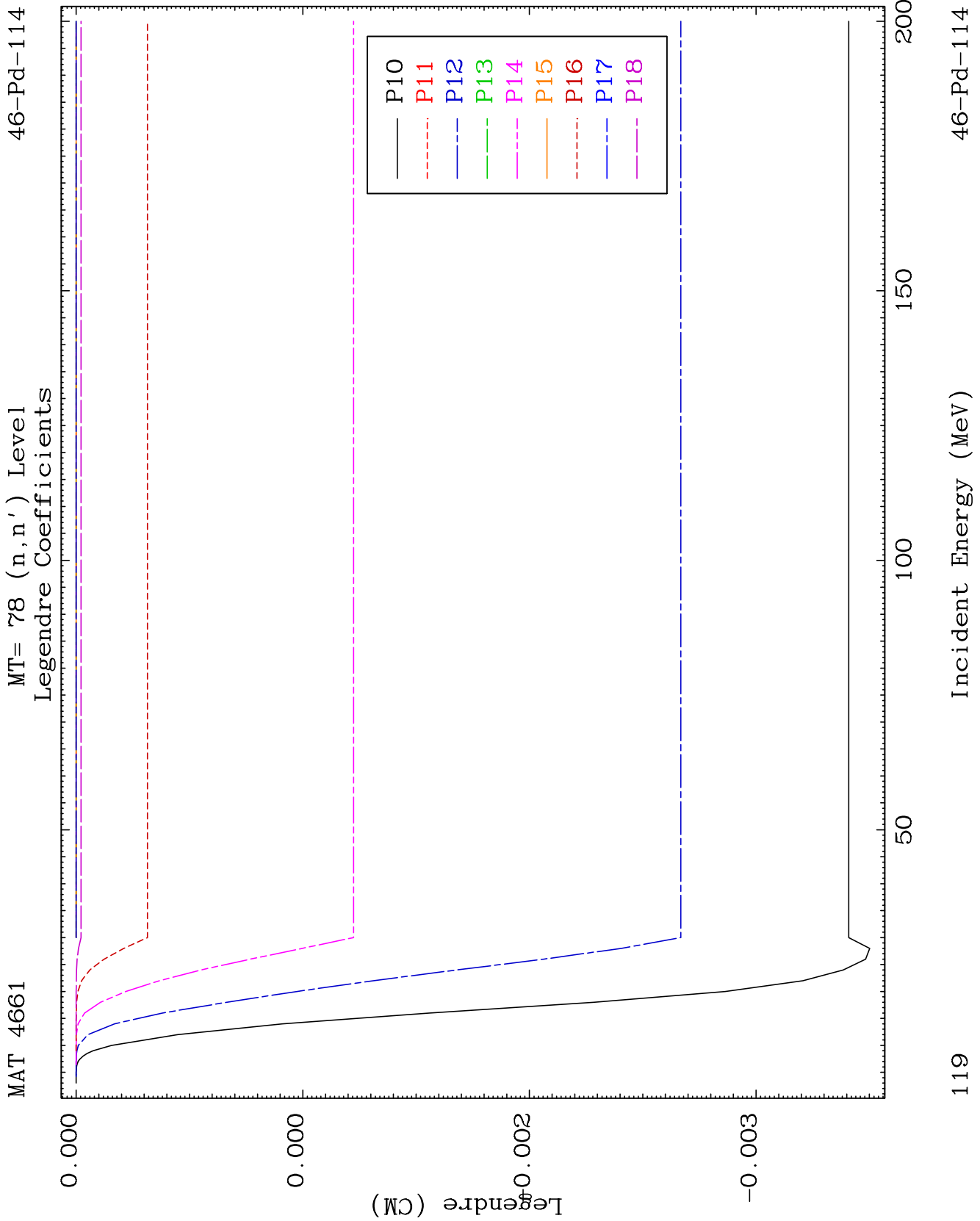
46-Pd-114

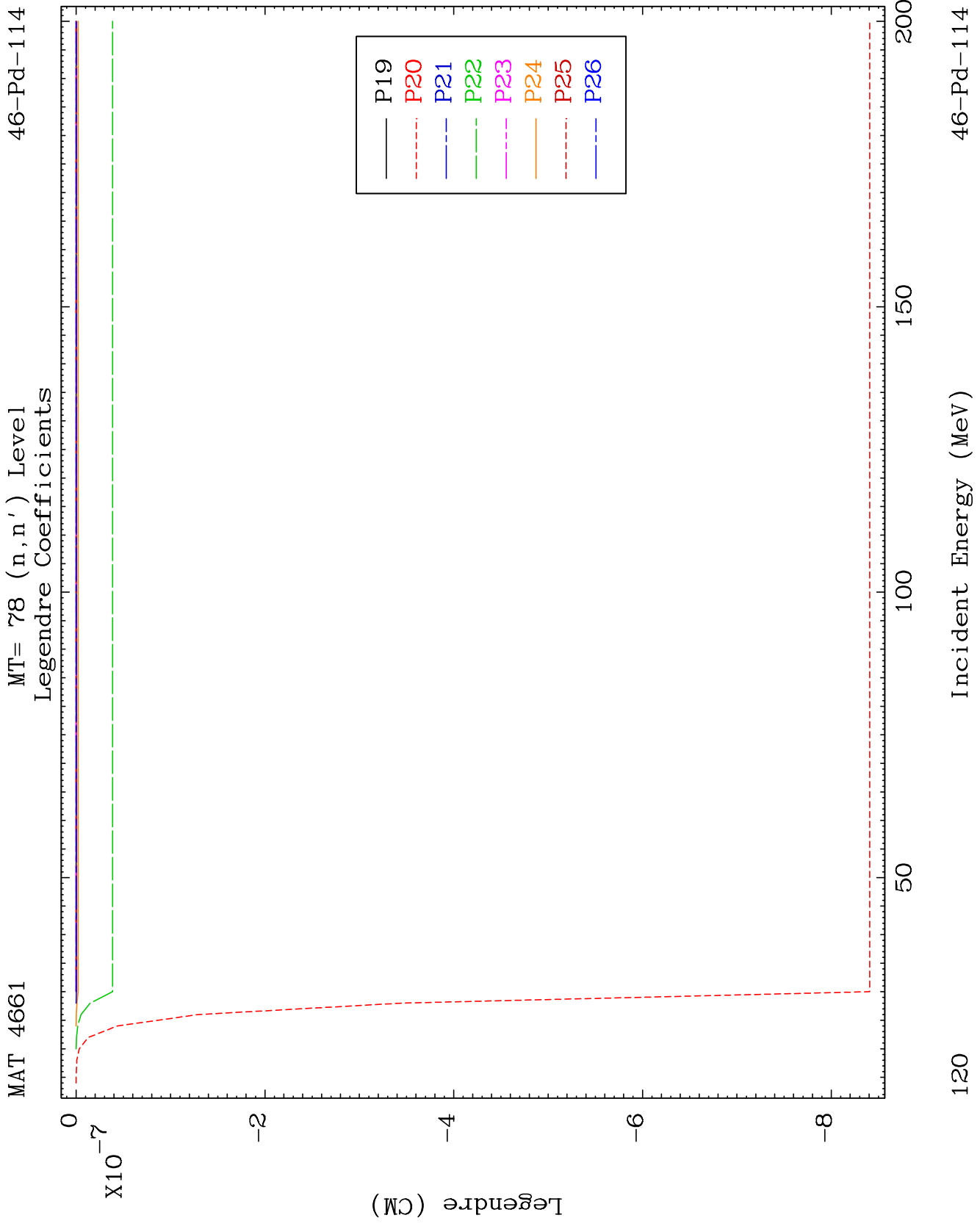


118

Incident Energy (MeV)

46-Pd-114

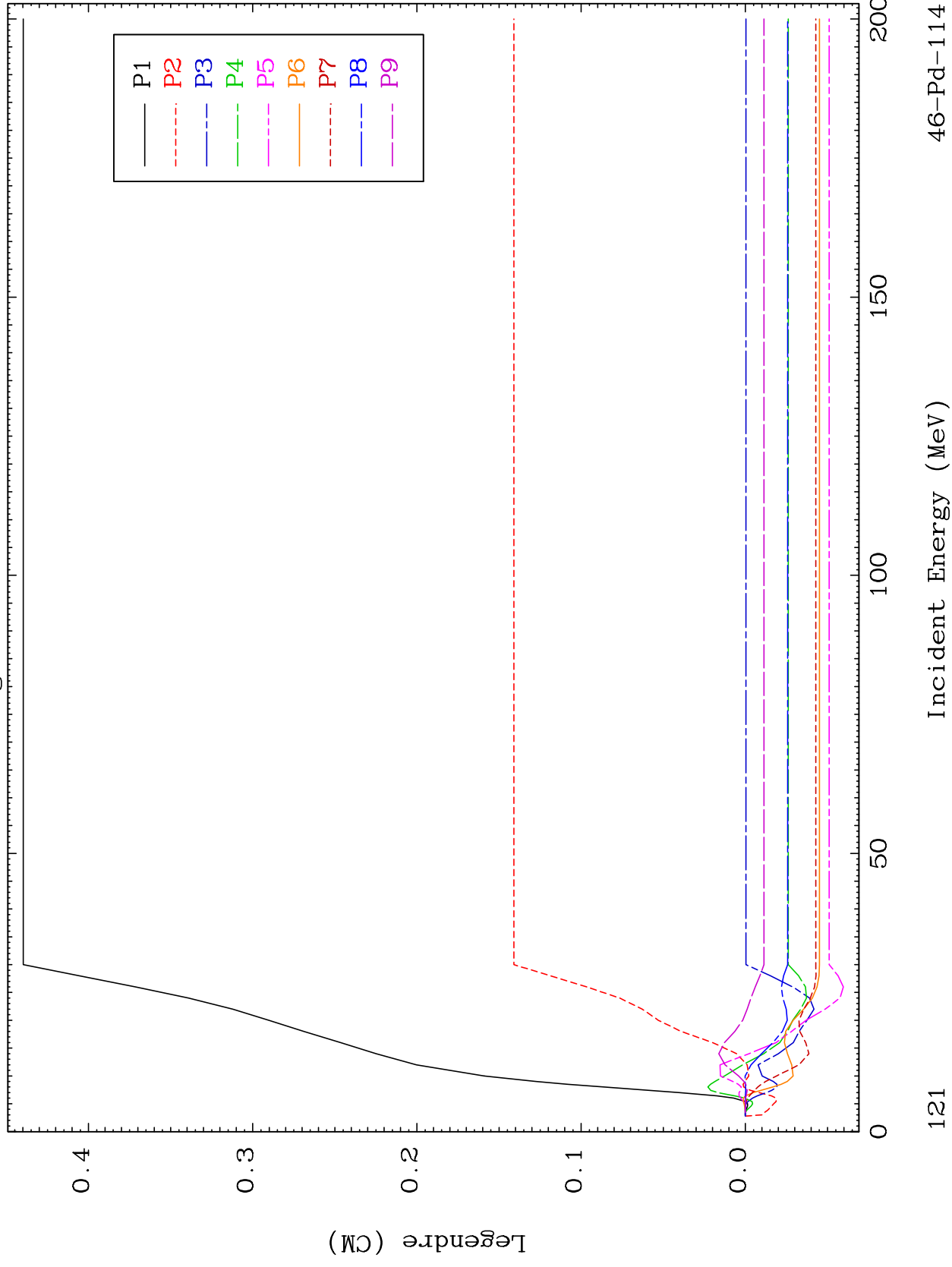




MAT 4661

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

46-Pd-114



46-Pd-114

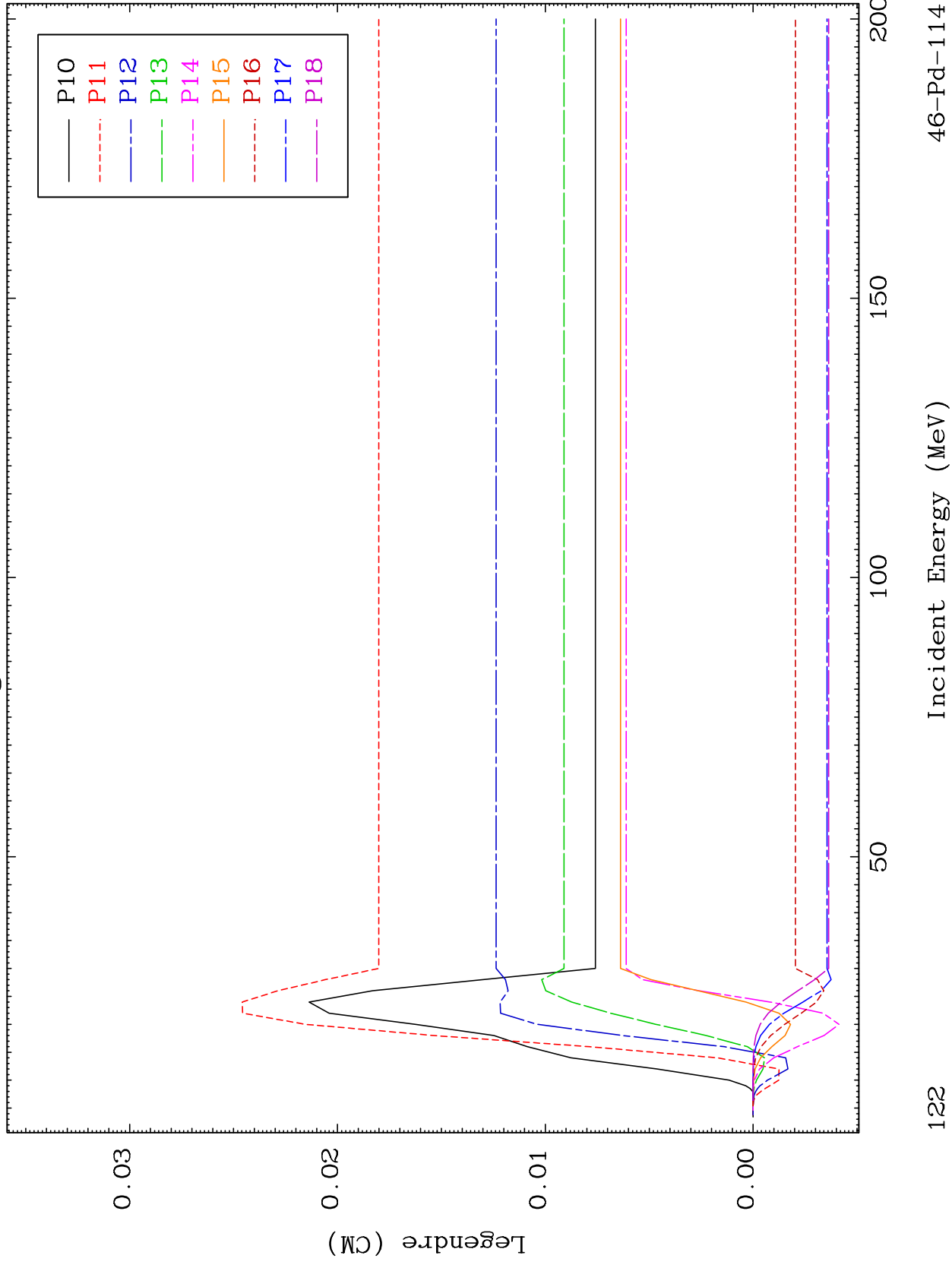
Incident Energy (MeV)

121

MAT 4661

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

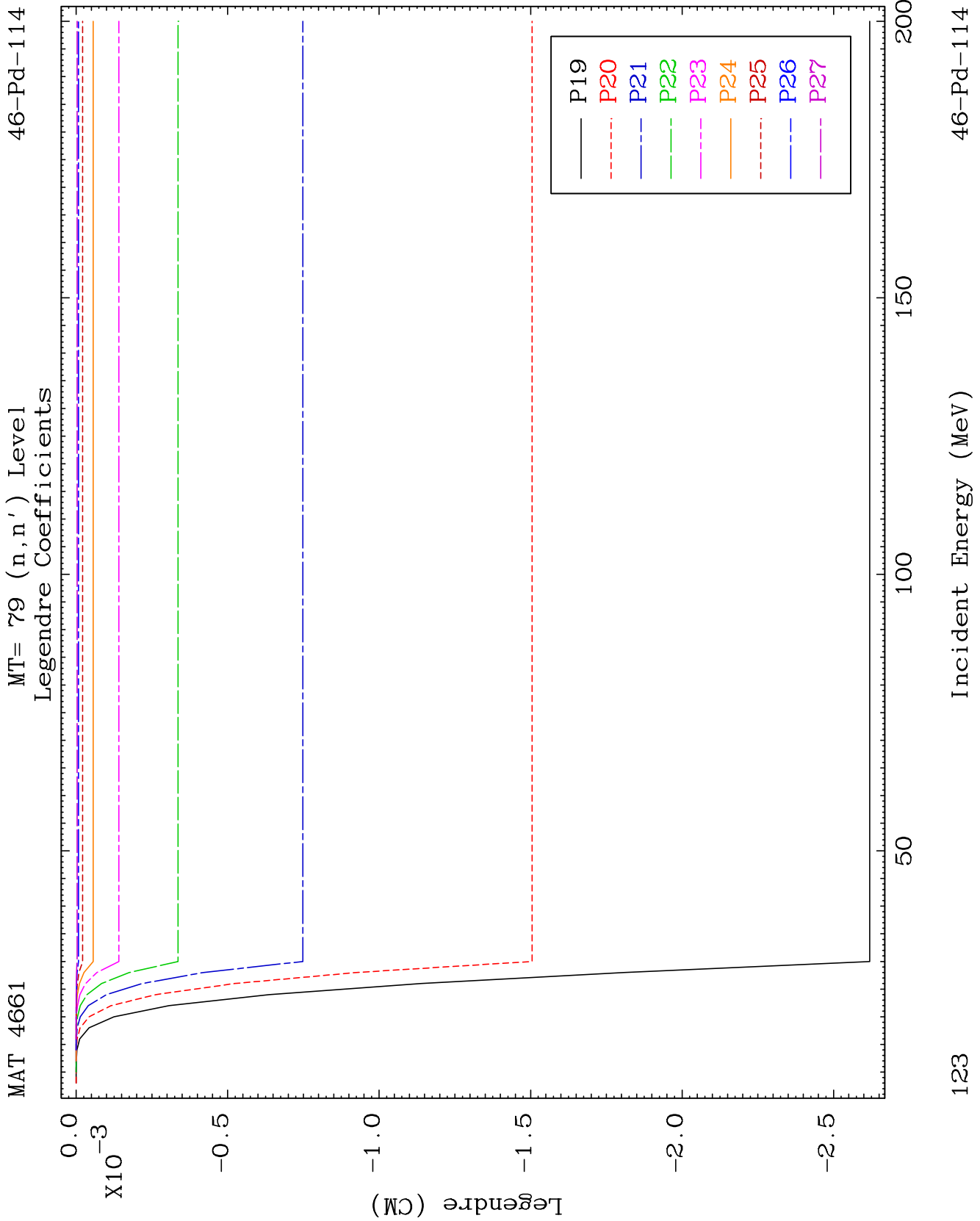
46-Pd-114

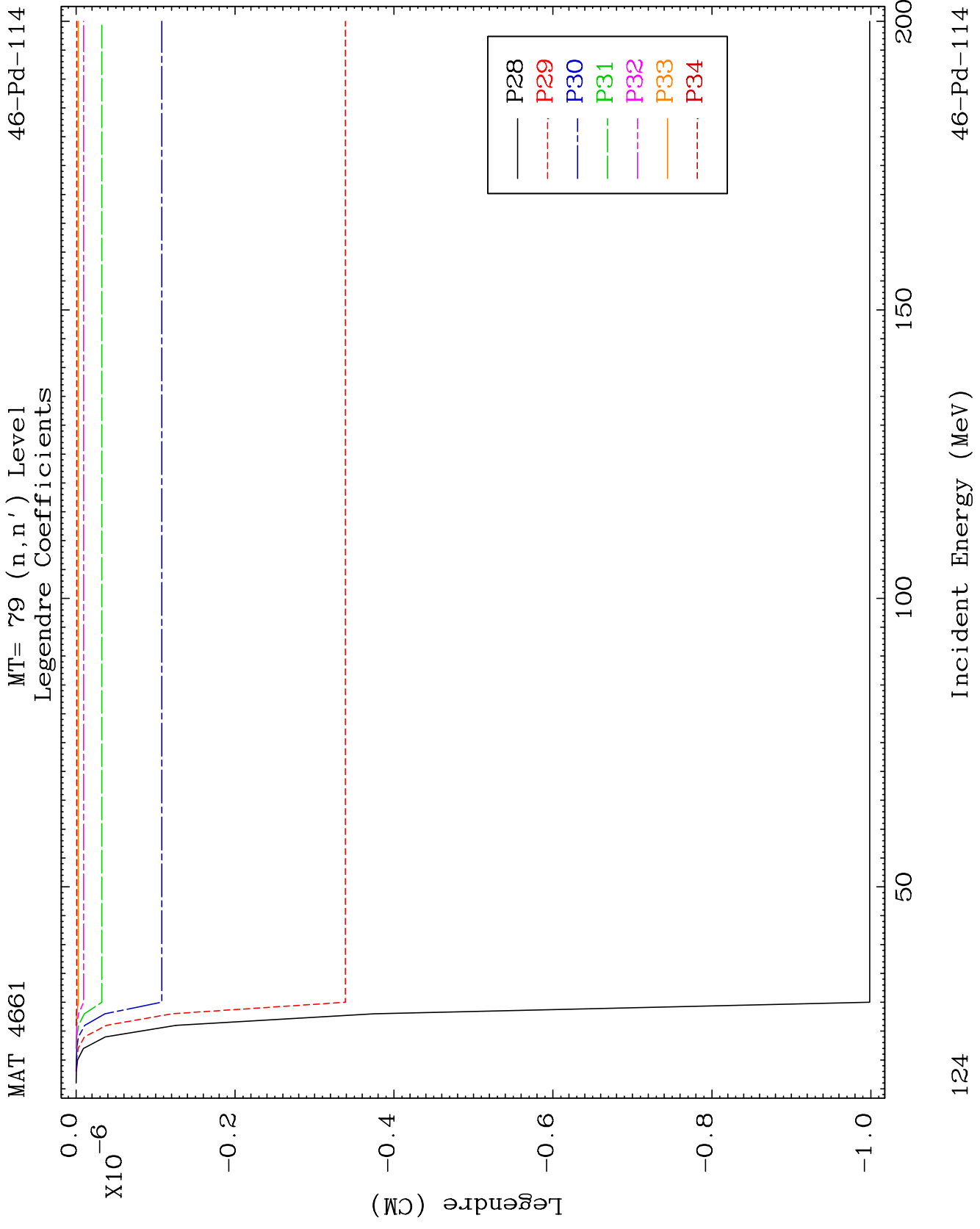


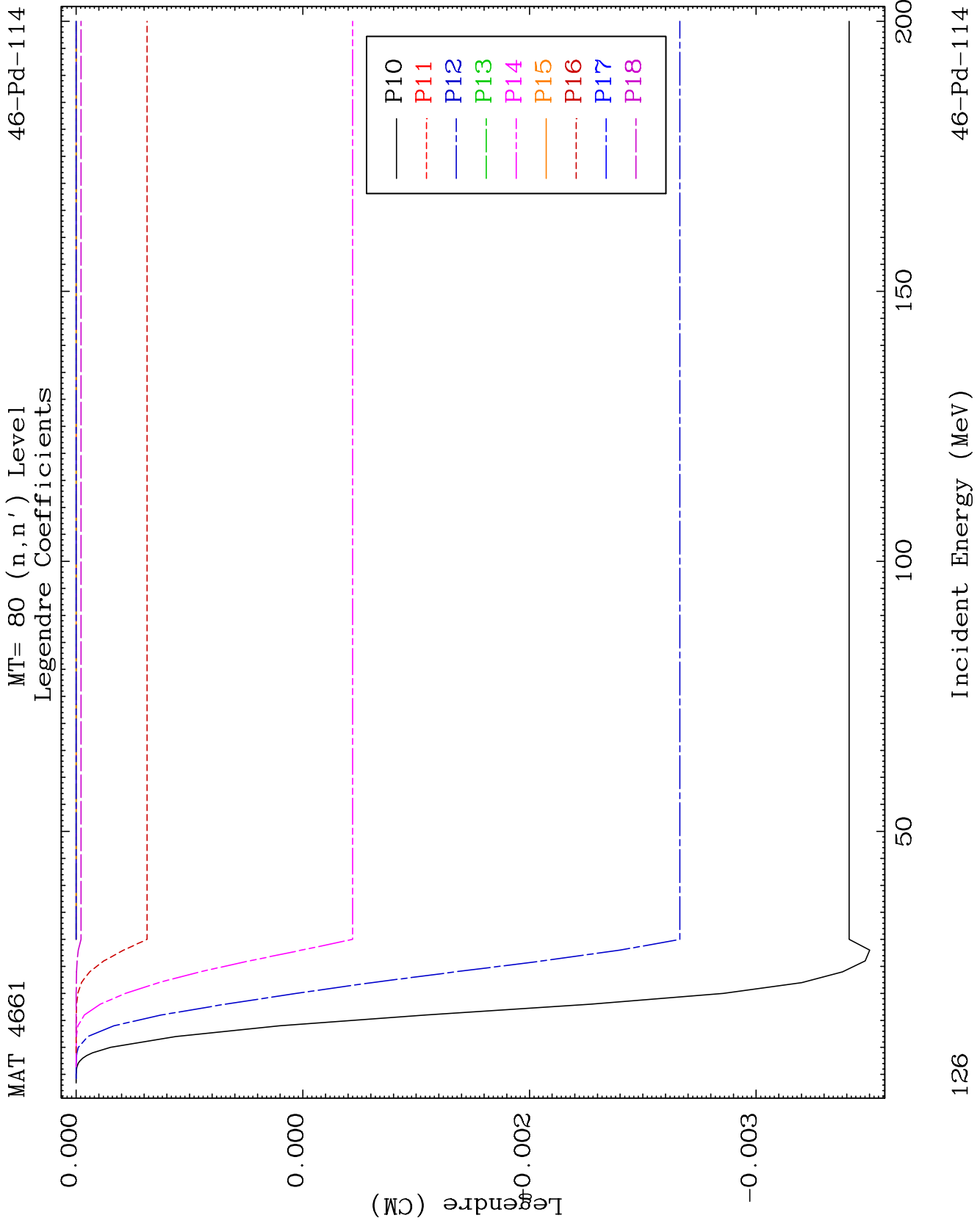
122

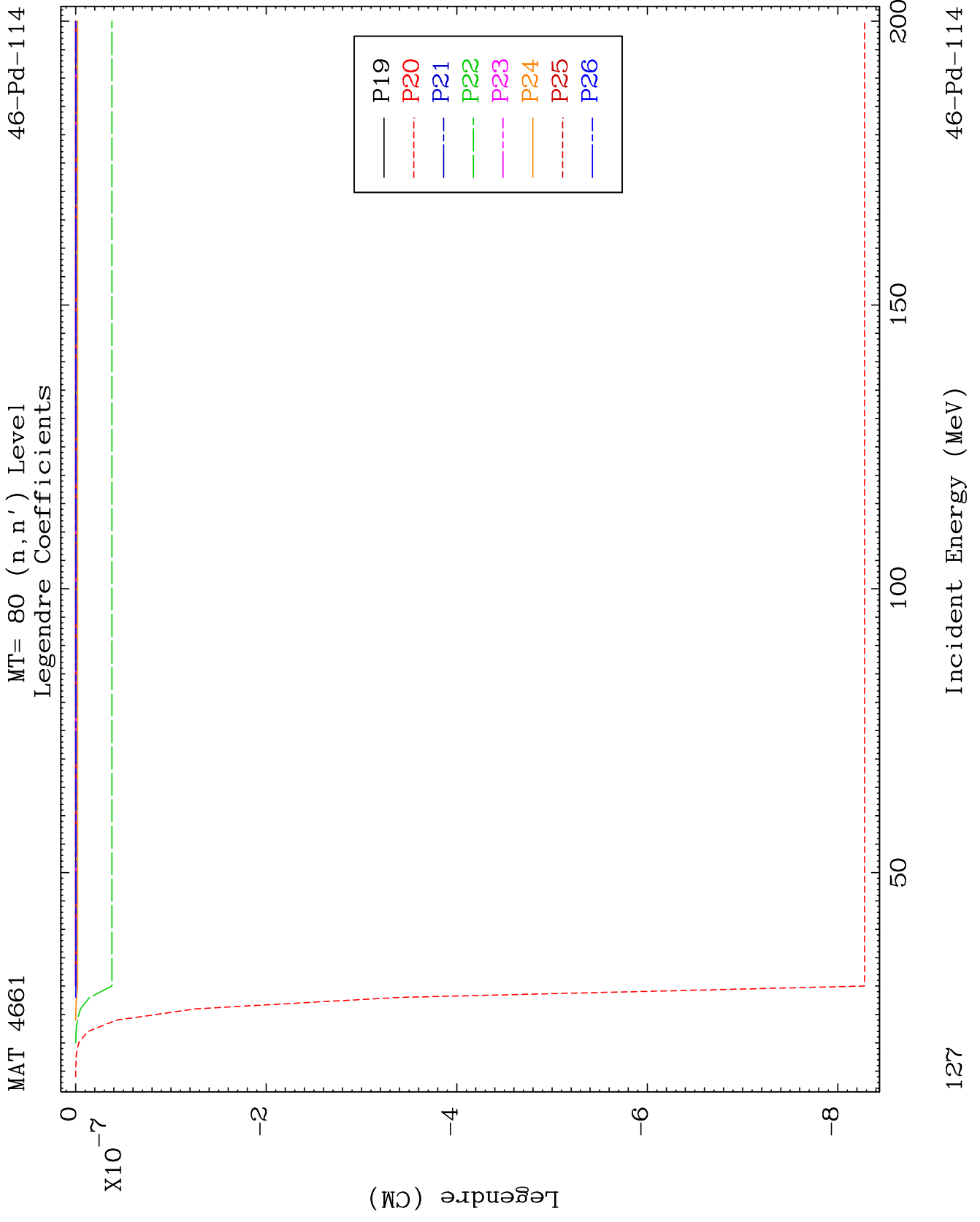
Incident Energy (MeV)

46-Pd-114





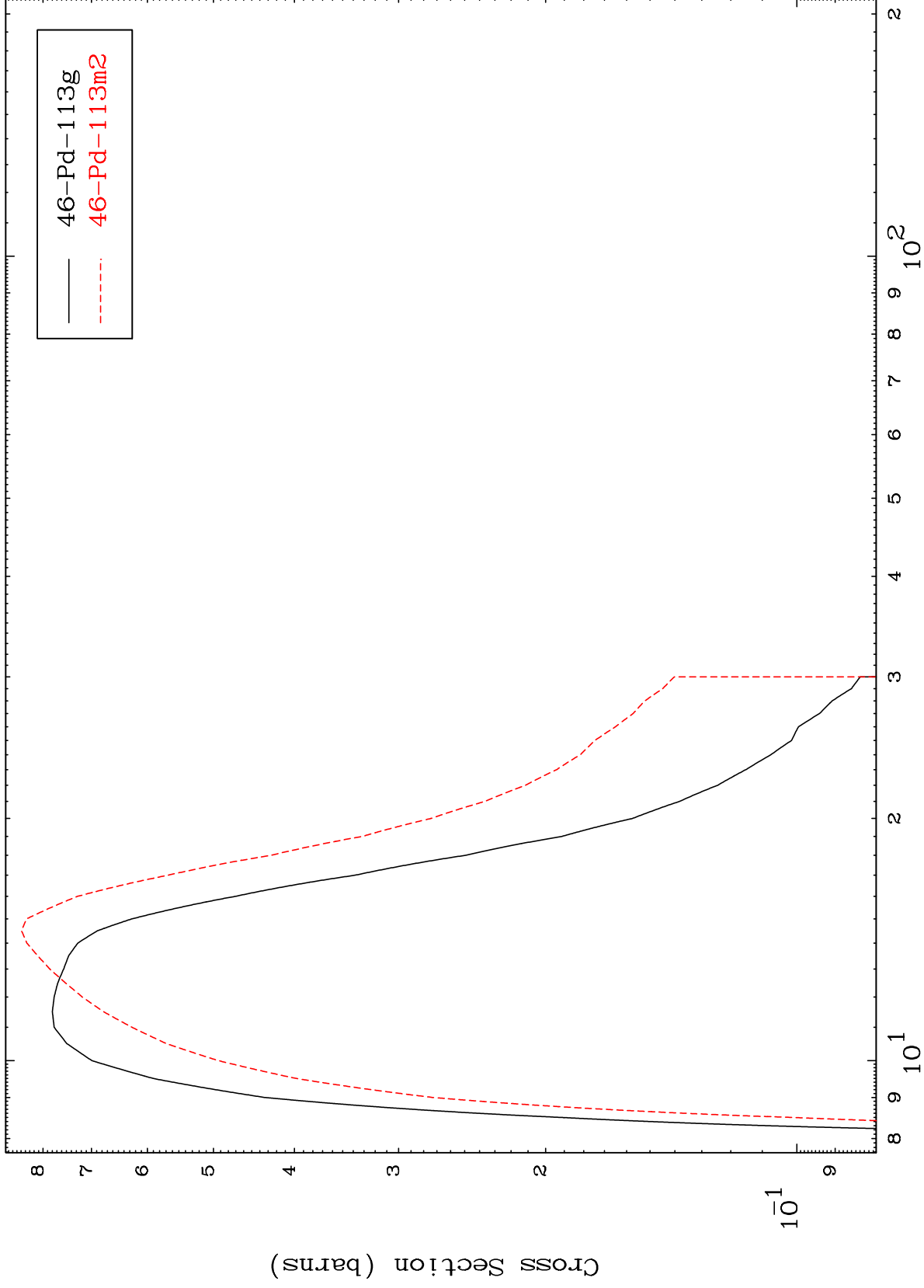




MAT 4661

46-Pd-114

(n,2n)
Radionuclide Production Cross Section

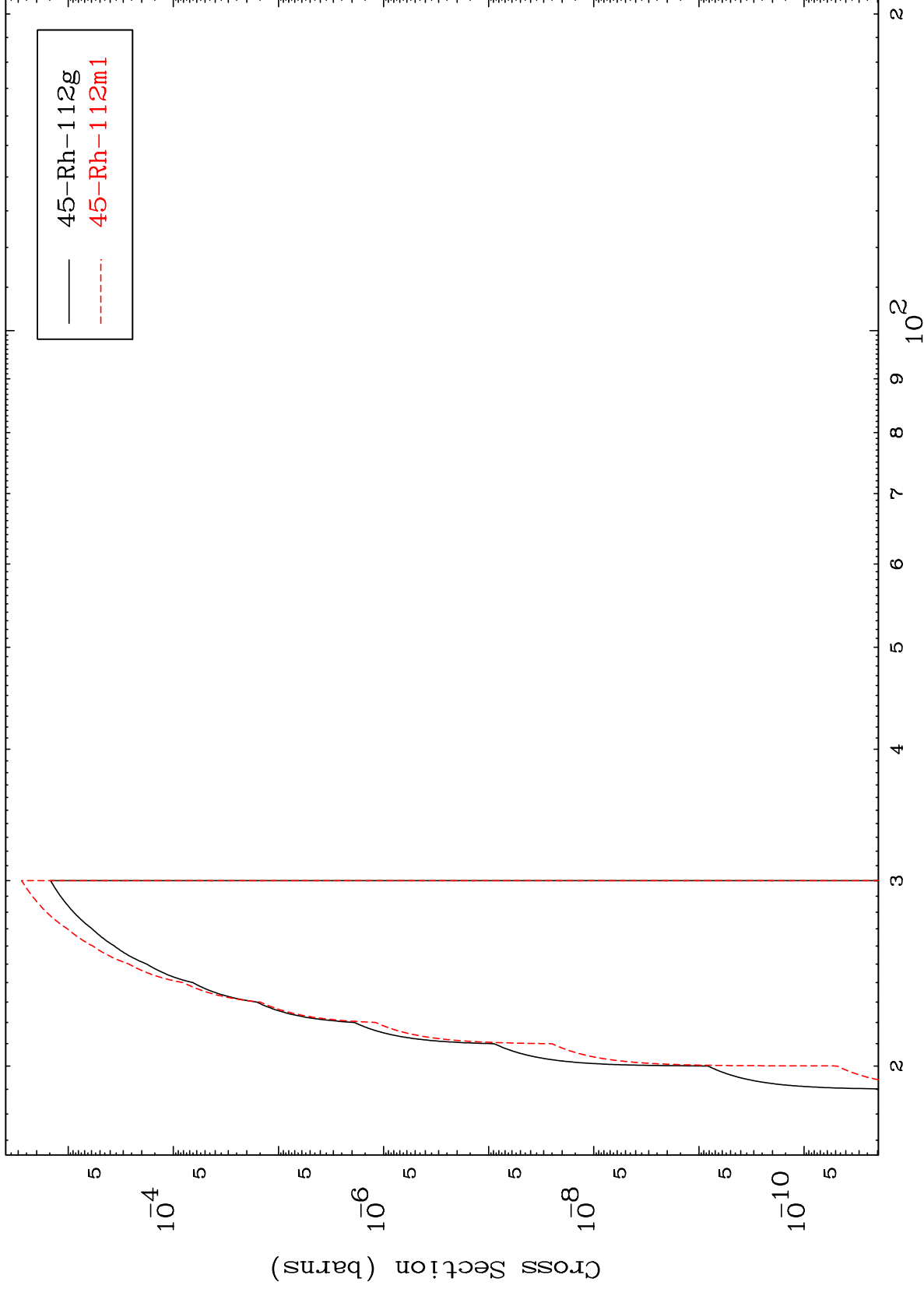


128

Incident Energy (MeV)

46-Pd-114

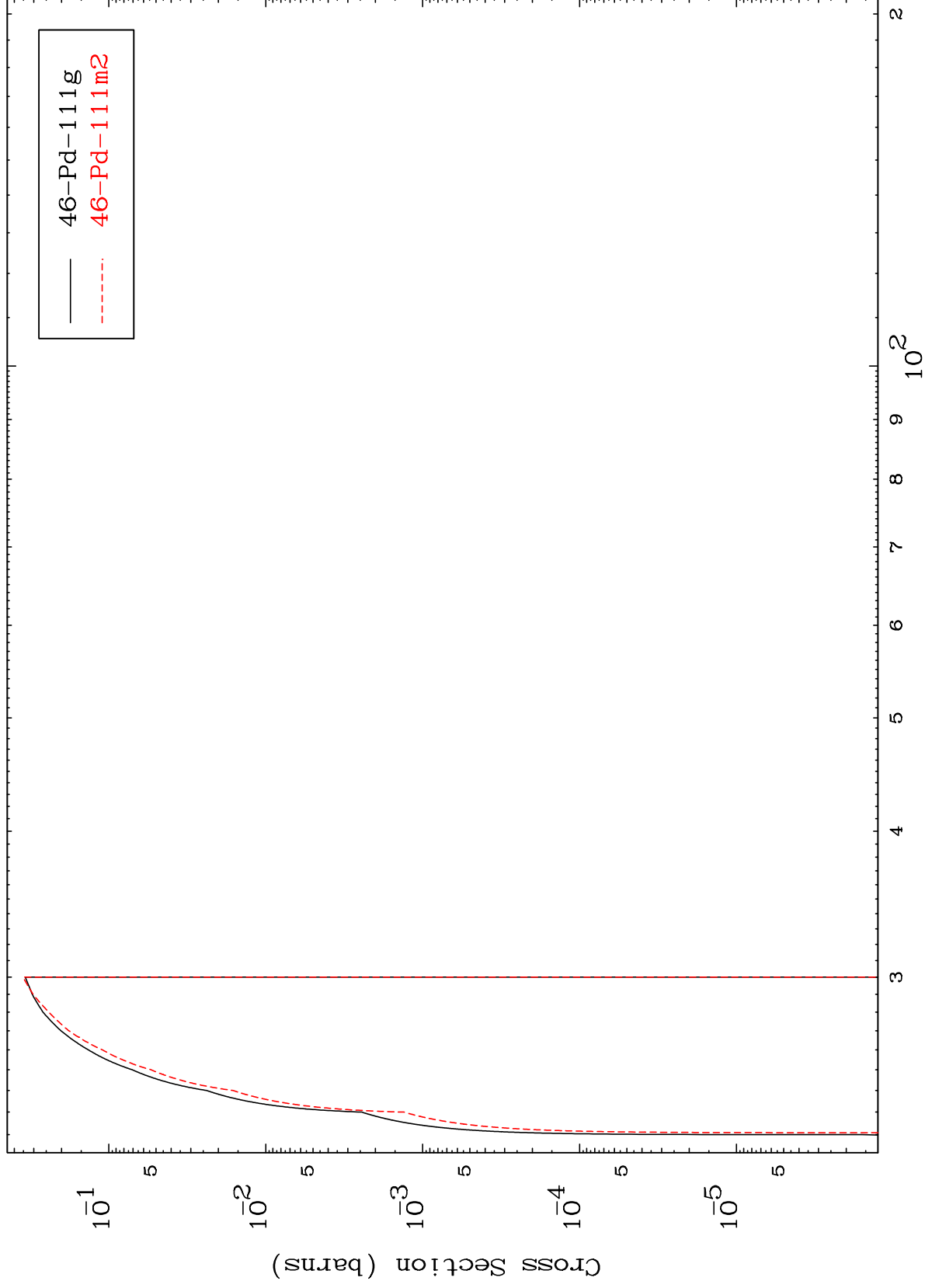
Radionuclide Production Cross Section



MAT 4661

46-Pd-114

(n,4n)
Radionuclide Production Cross Section



130

46-Pd-114

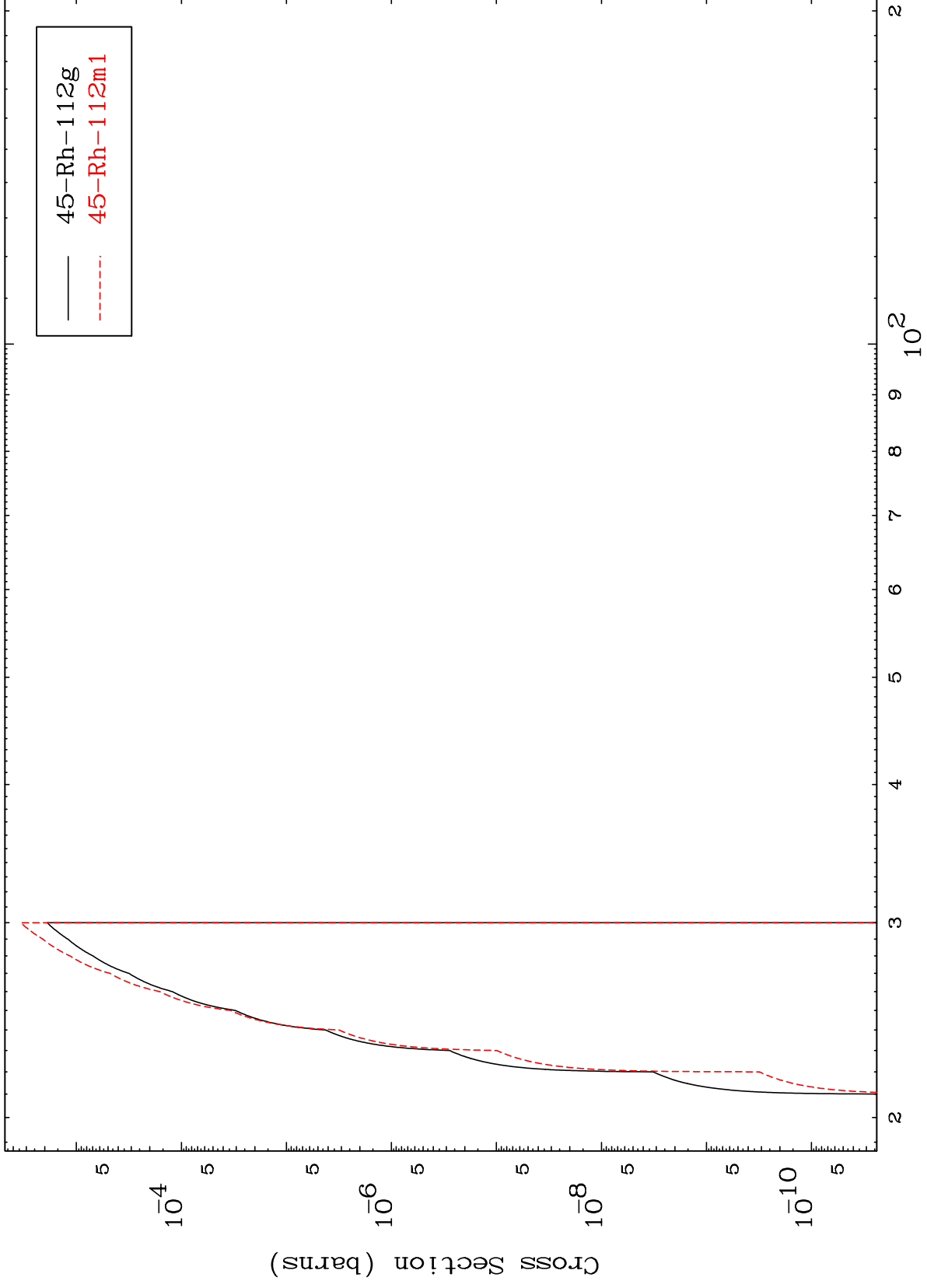
Incident Energy (MeV)

MAT 4661

(n,2n) p

46-Pd-114

Radionuclide Production Cross Section



131

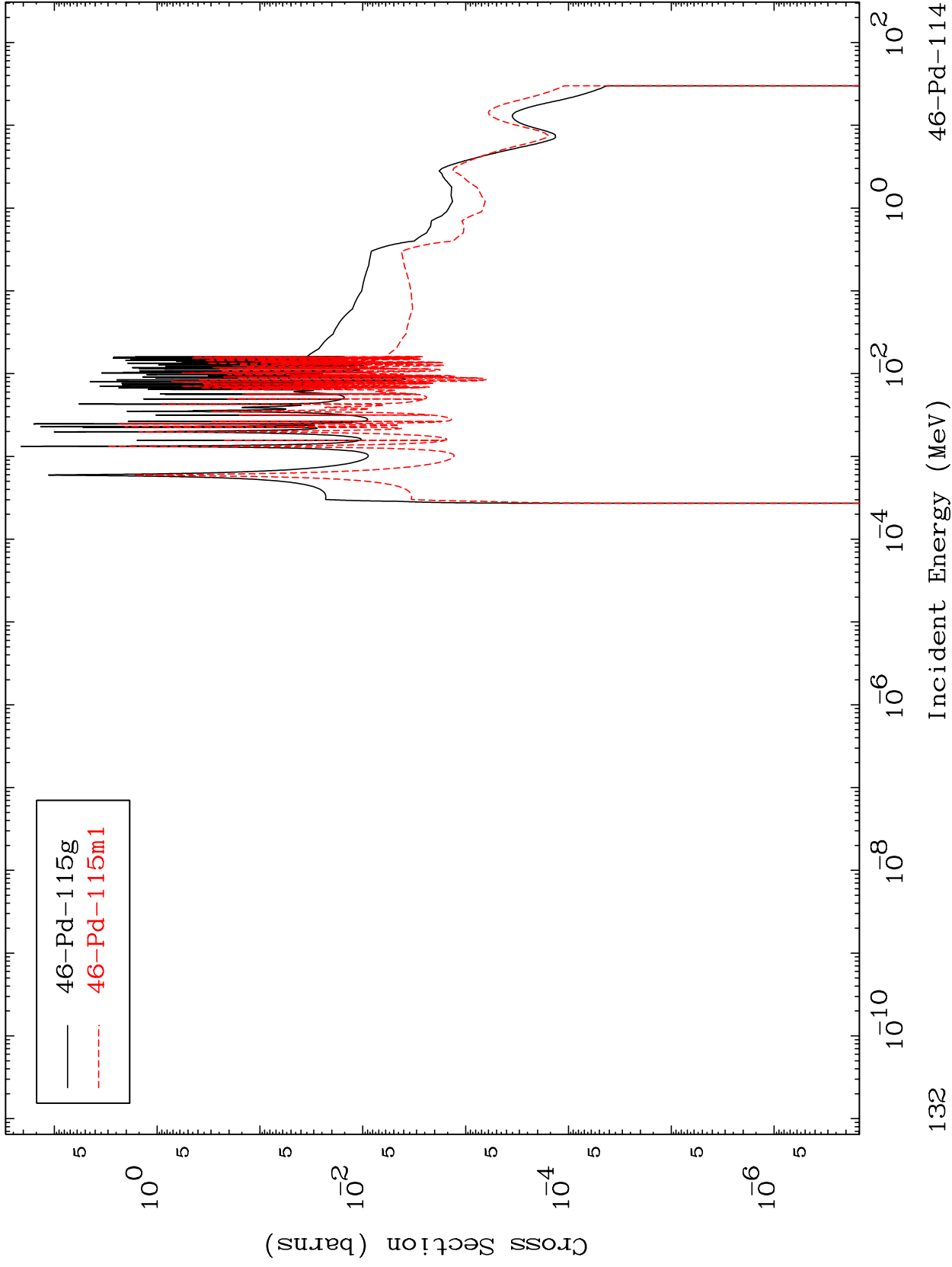
Incident Energy (MeV)

46-Pd-114

MAT 4661

46-Pd-114

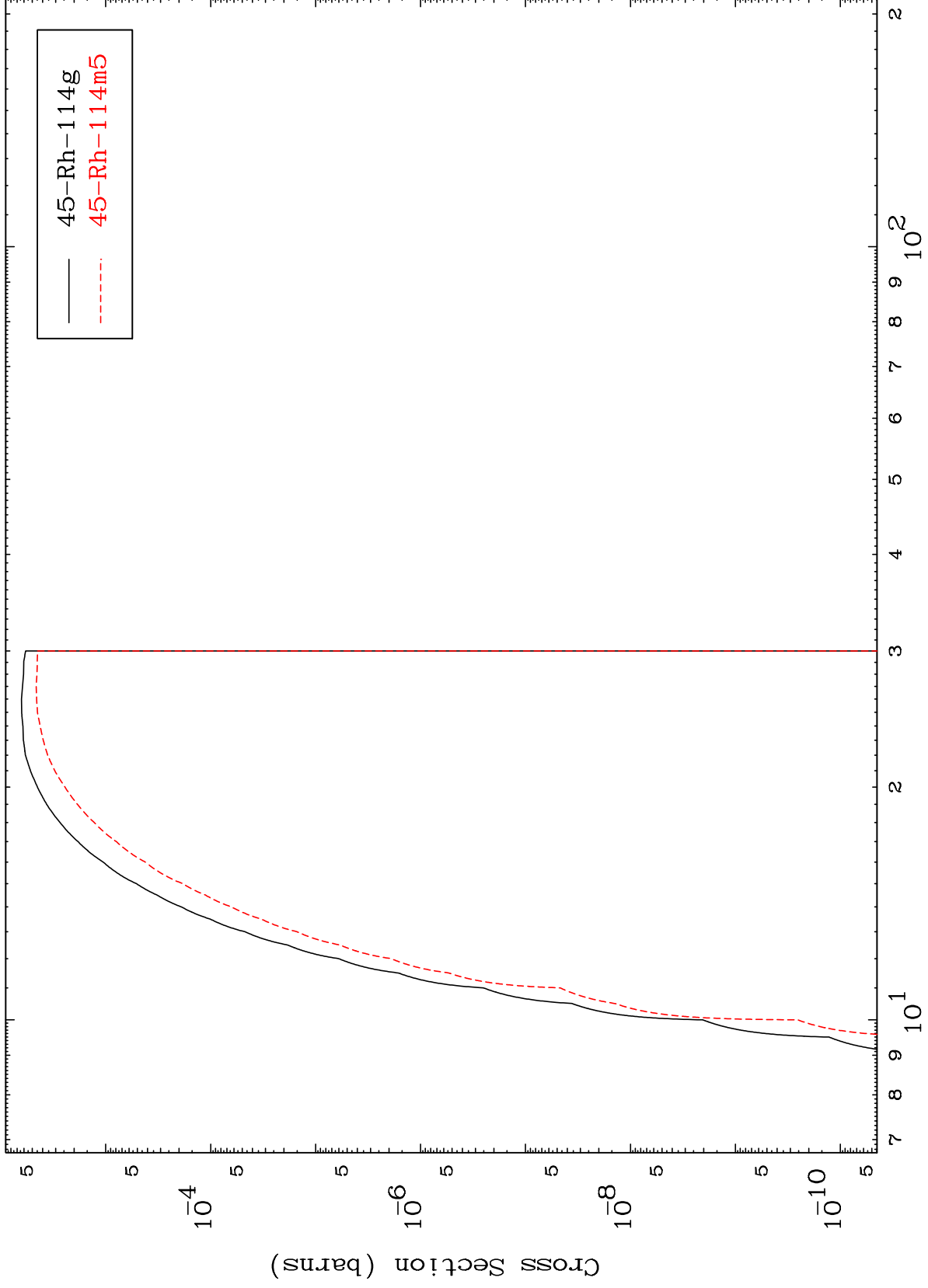
(n, γ)
Radionuclide Production Cross Section



MAT 4661

46-Pd-114

(n,p)
Radionuclide Production Cross Section



133

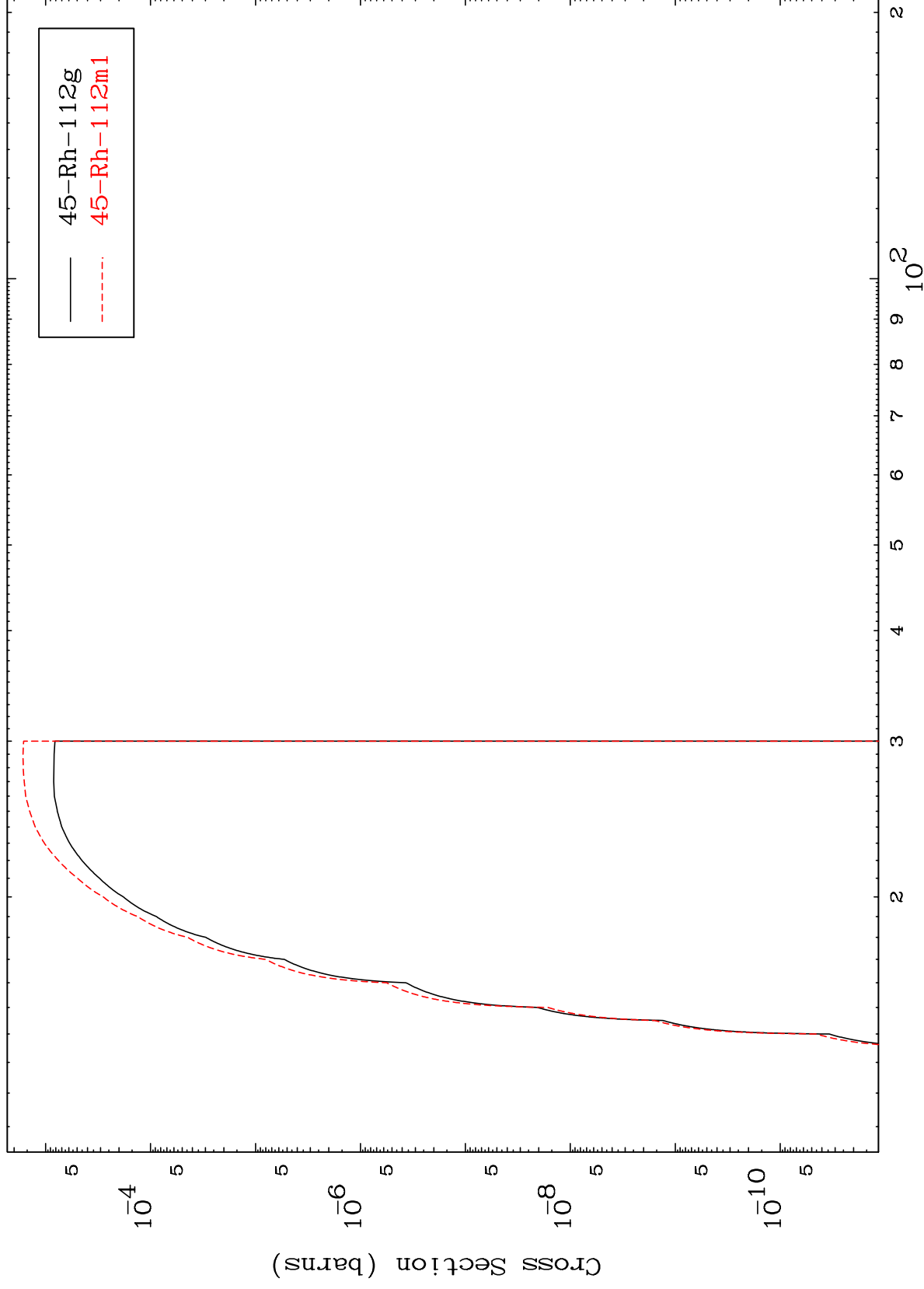
Incident Energy (MeV)

46-Pd-114

MAT 4661

46-Pd-114

(n,t)
Radionuclide Production Cross Section



134

Incident Energy (MeV)

46-Pd-114