

Program EVALPLOT
(Version 2018-1)

by

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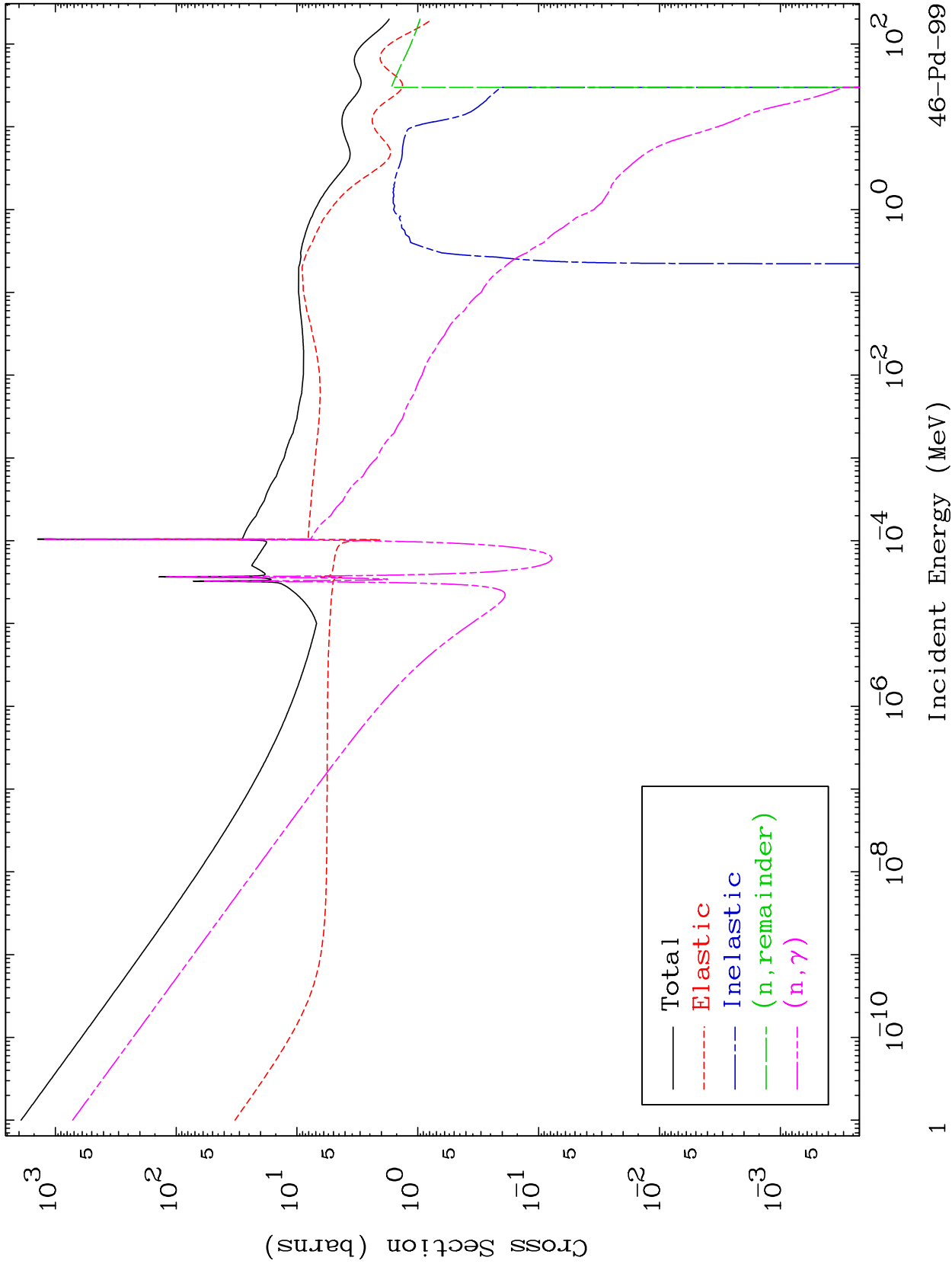
Press Mouse Button to Start

MAT 4616

Major

293 Kelvin Cross Sections

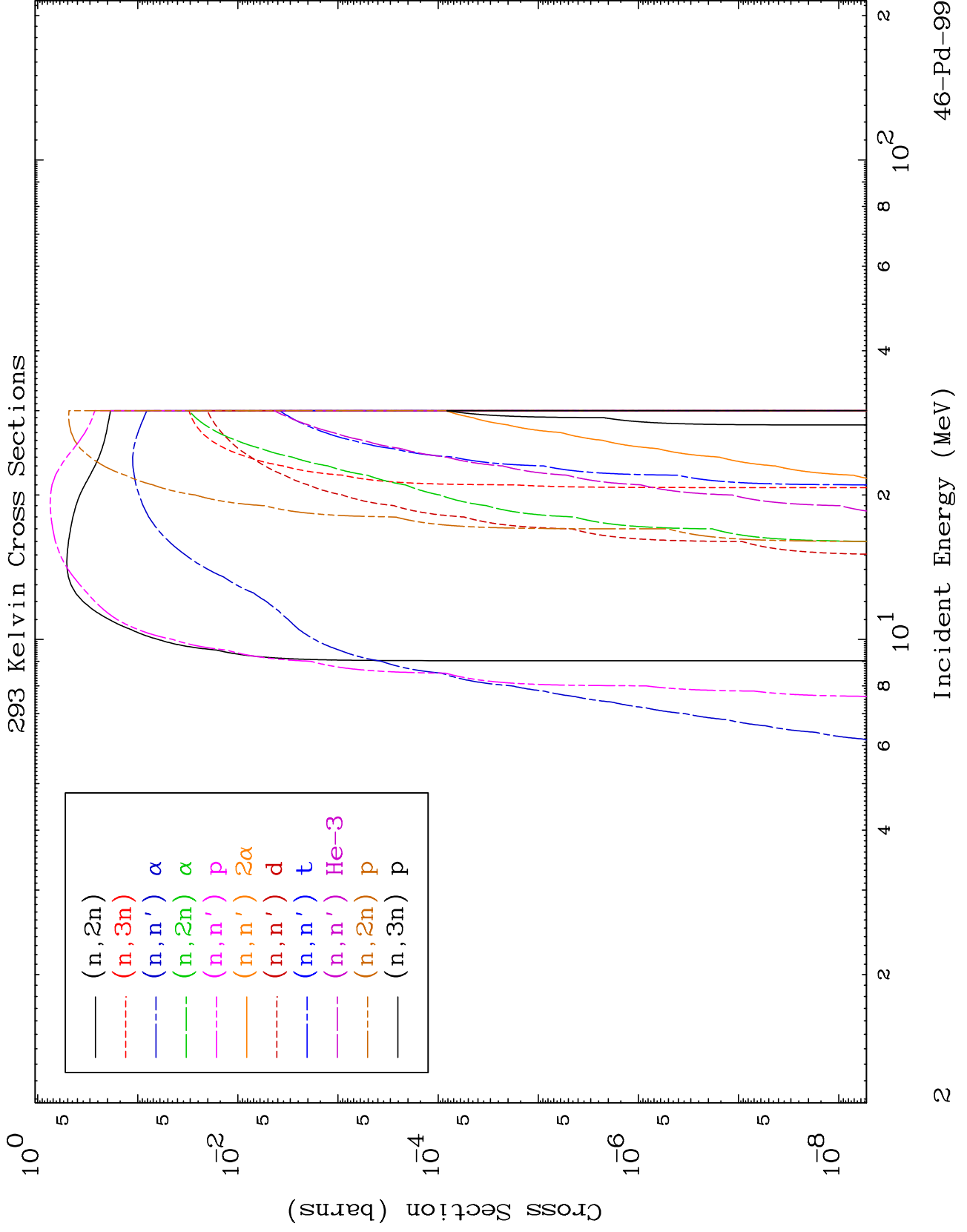
46-Pd-99



MAT 4616

Neutron Production
293 Kelvin Cross Sections

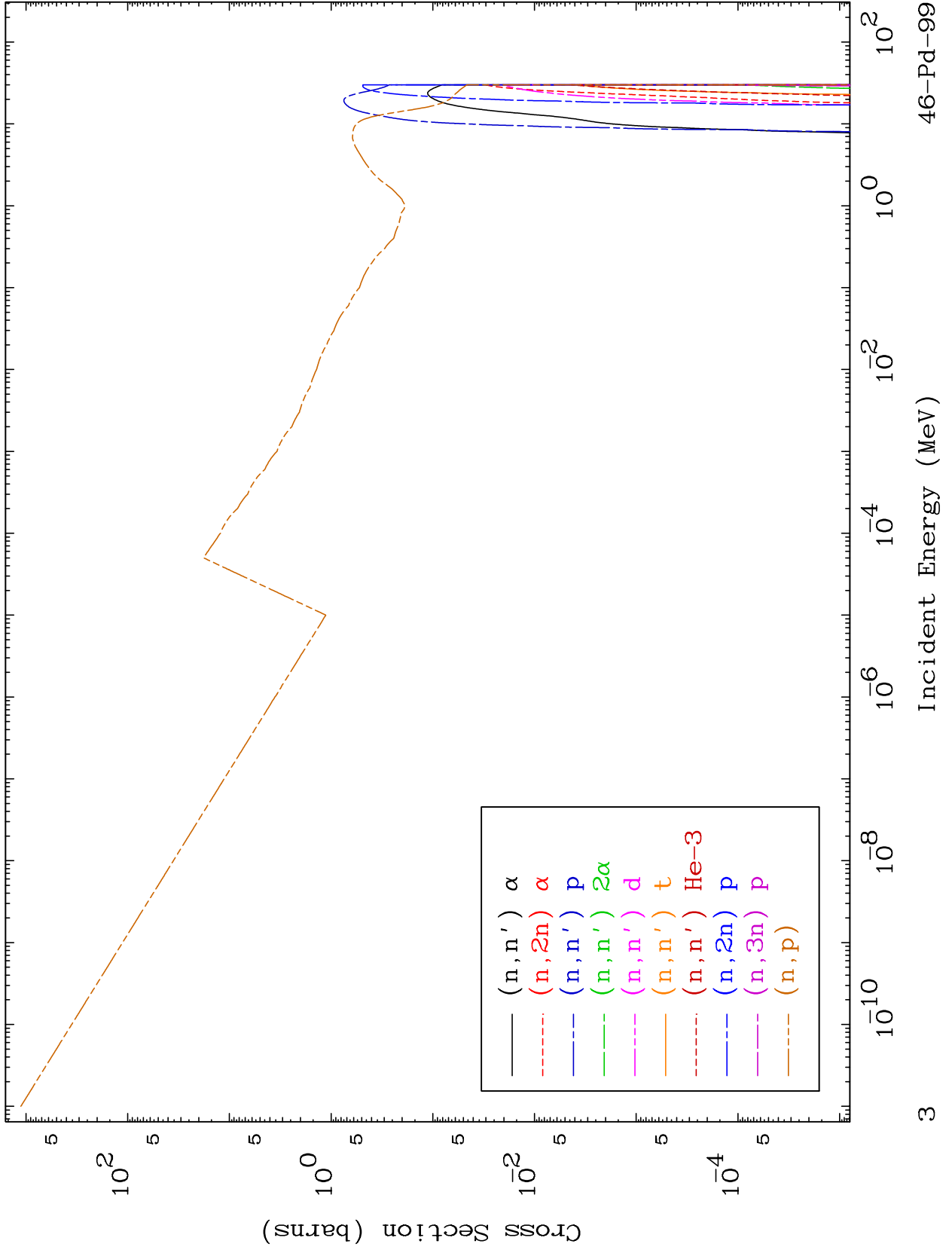
46-Pd-99



MAT 4616

Charged Particle
293 Kelvin Cross Sections

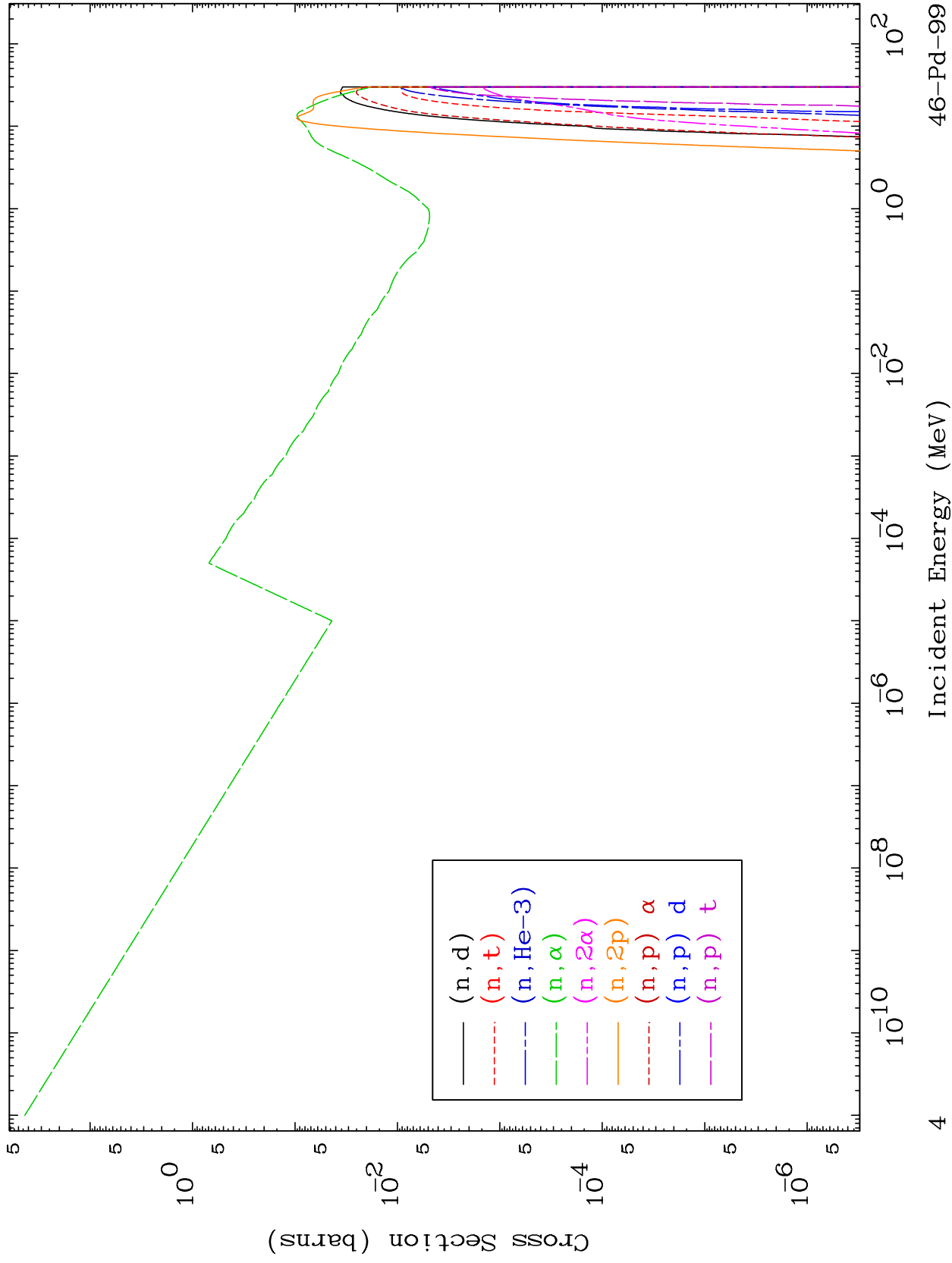
46-Pd-99



MAT 4616

Charged Particle
293 Kelvin Cross Sections

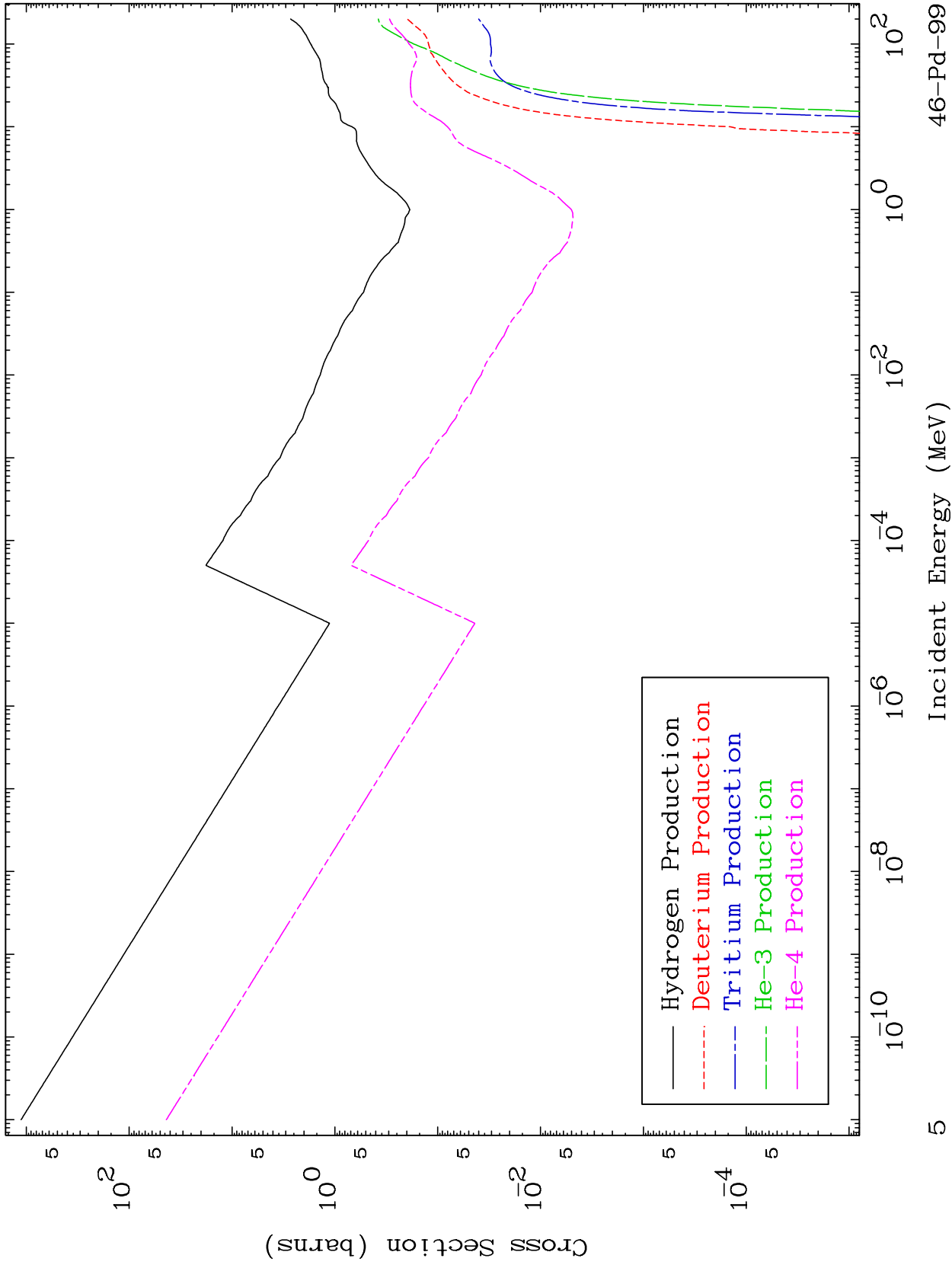
46-Pd-99



MAT 4616

Particle Production
293 Kelvin Cross Sections

46-Pd-99

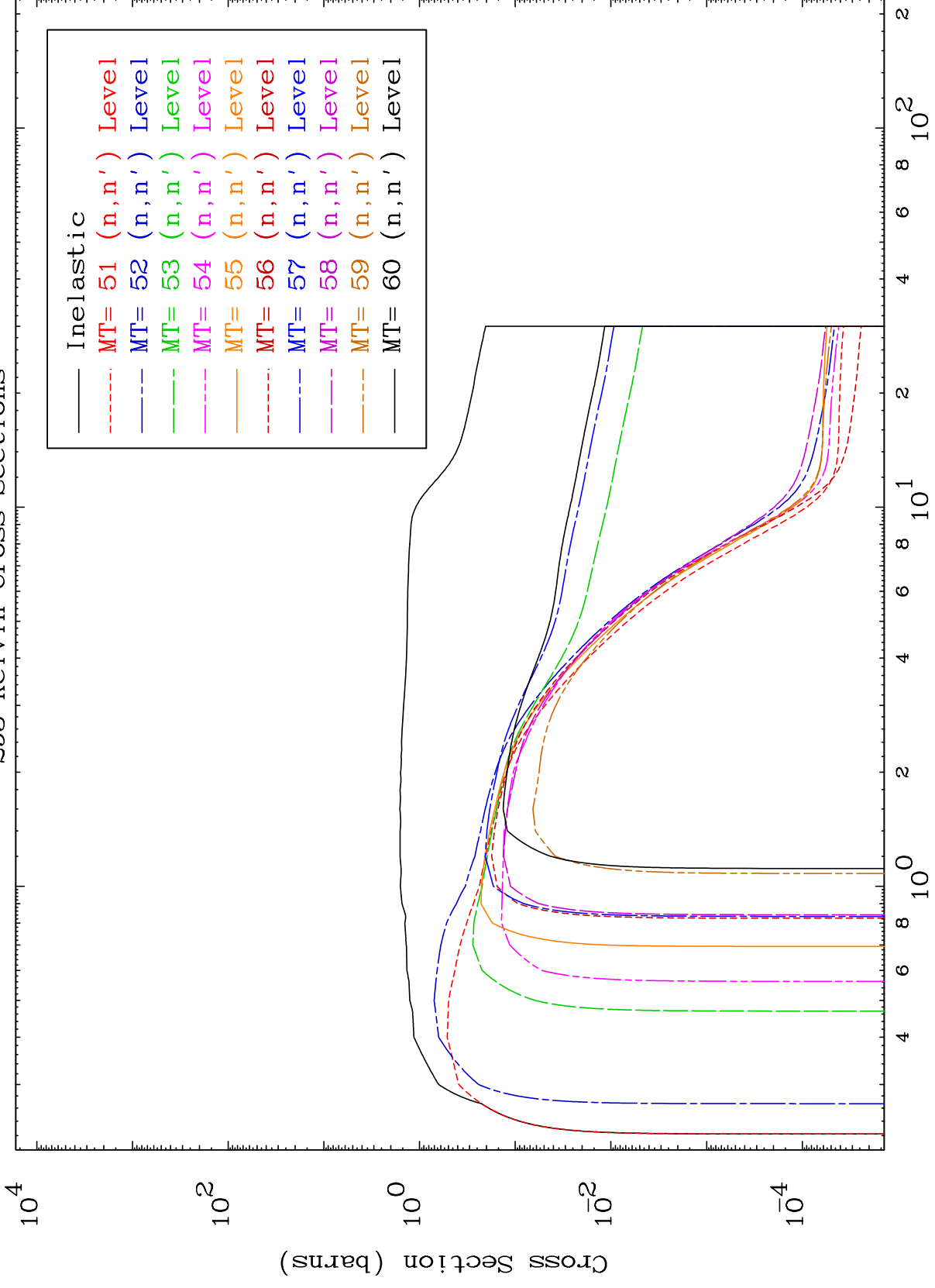


MAT 4616

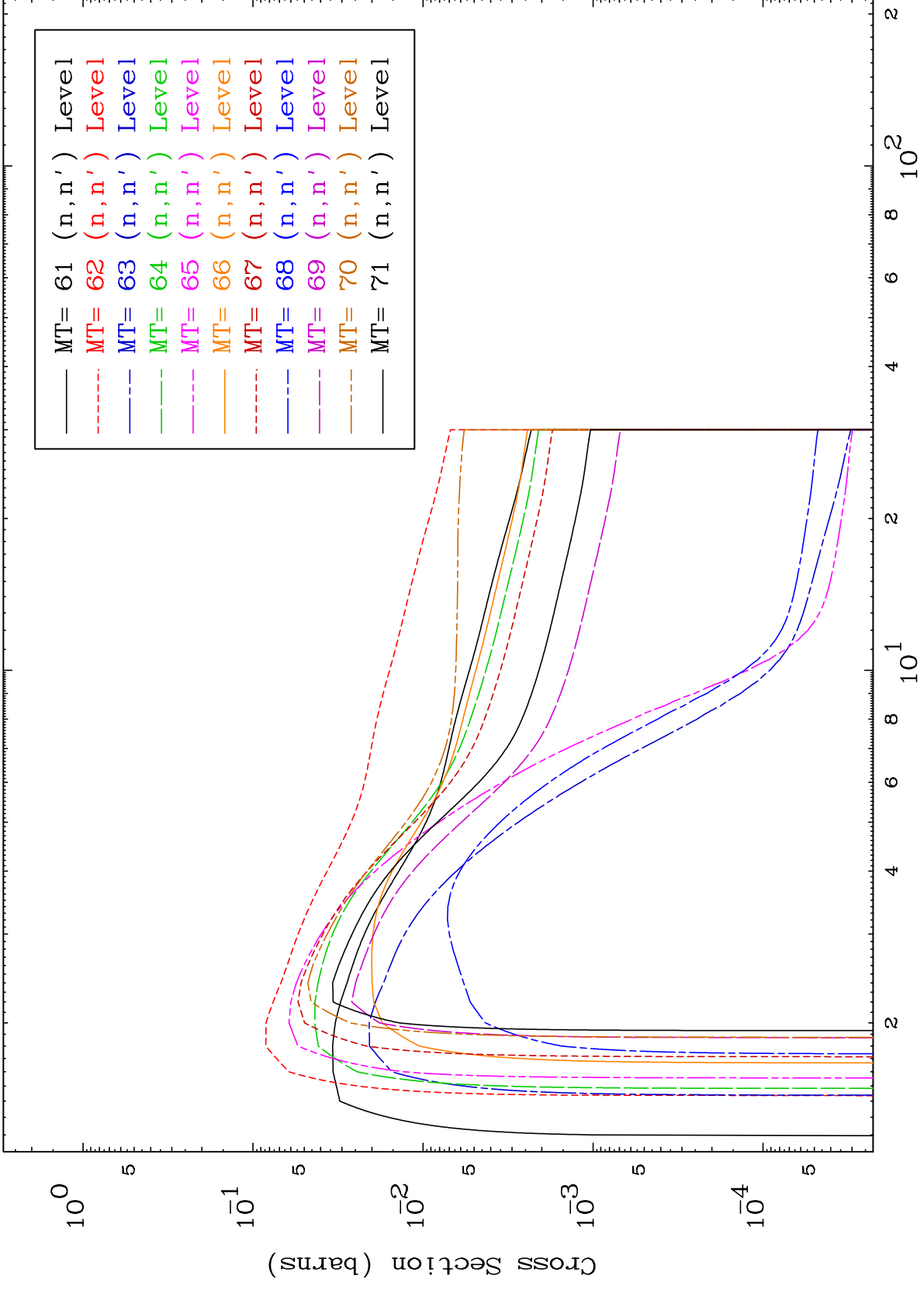
(n,n') Level

46-Pd-99

293 Kelvin Cross Sections



293 Kelvin Cross Sections

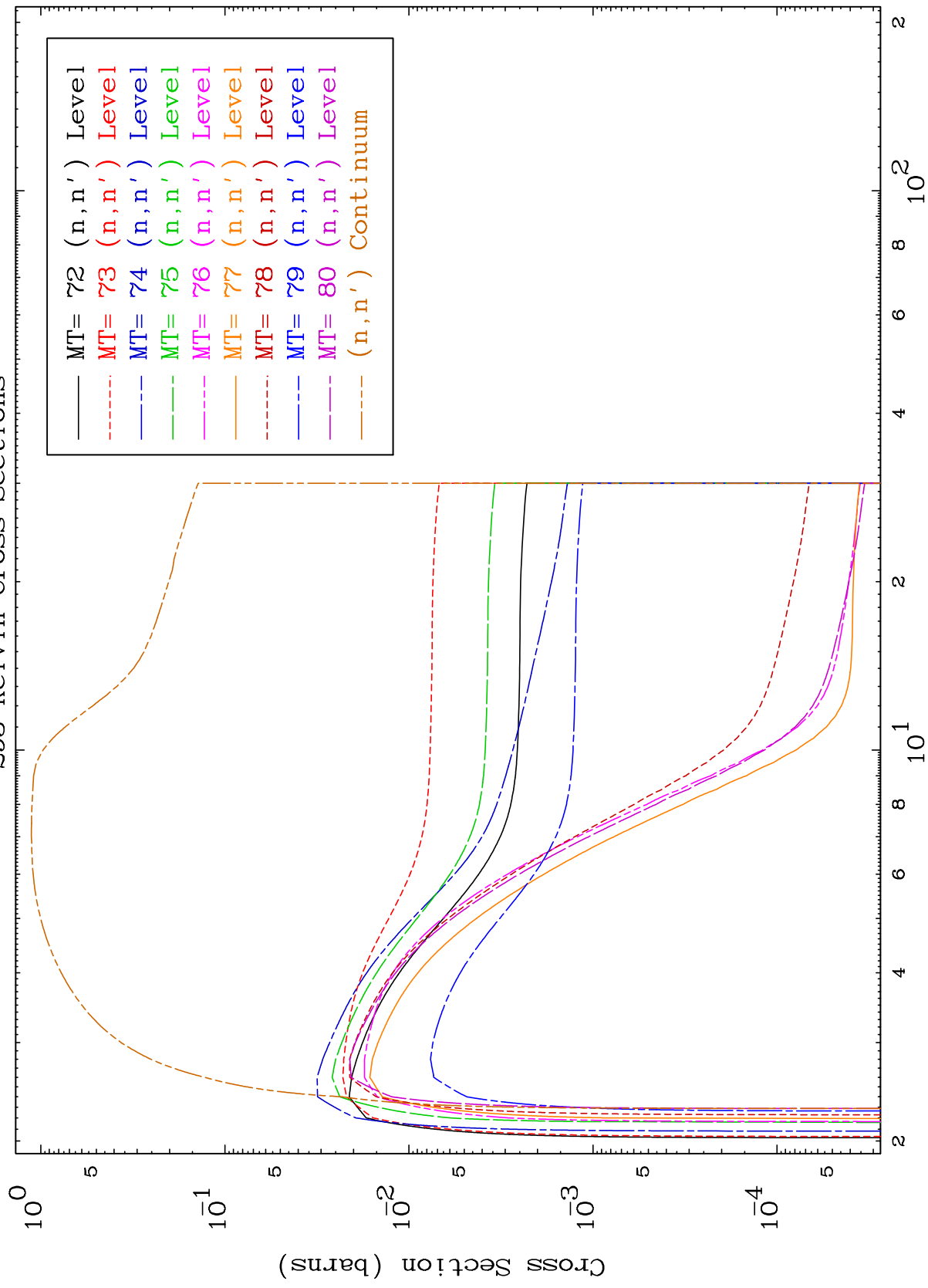


MAT 4616

(n,n') Level

46-Pd-99

293 Kelvin Cross Sections



8

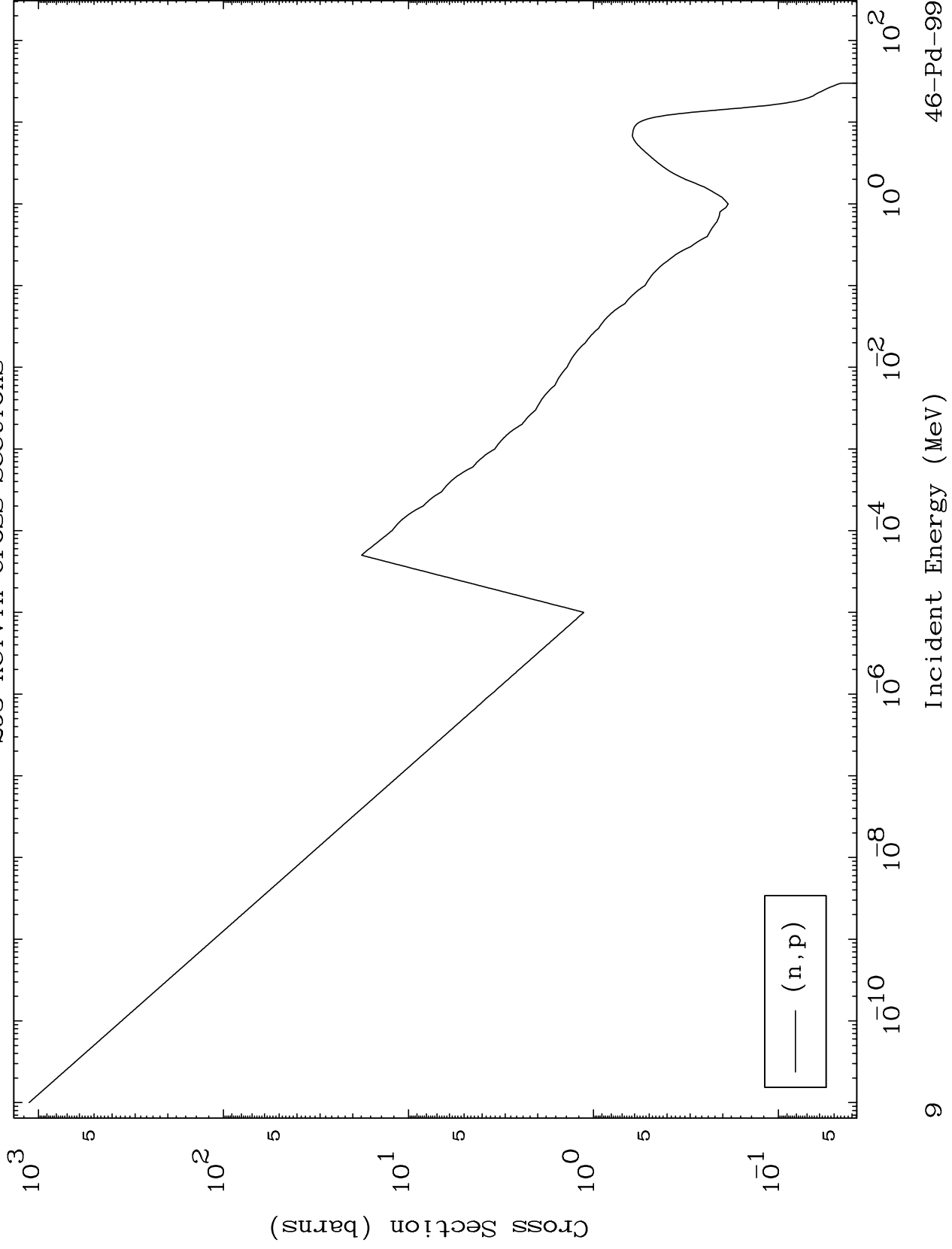
Incident Energy (MeV)

46-Pd-99

MAT 4616

(n,p) Levels
293 Kelvin Cross Sections

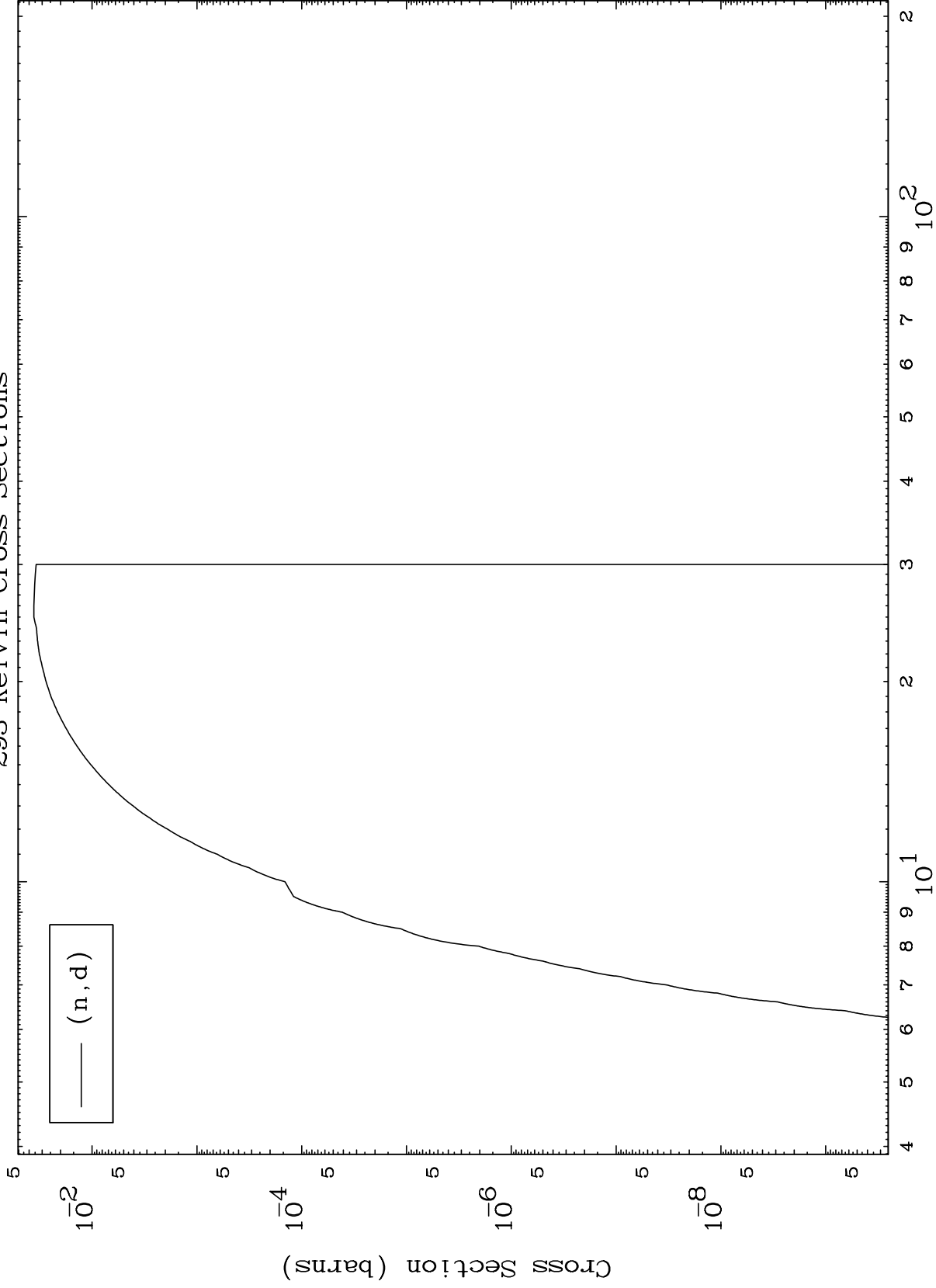
46-Pd-99



MAT 4616

(n,d) Levels
293 Kelvin Cross Sections

46-Pd-99



10

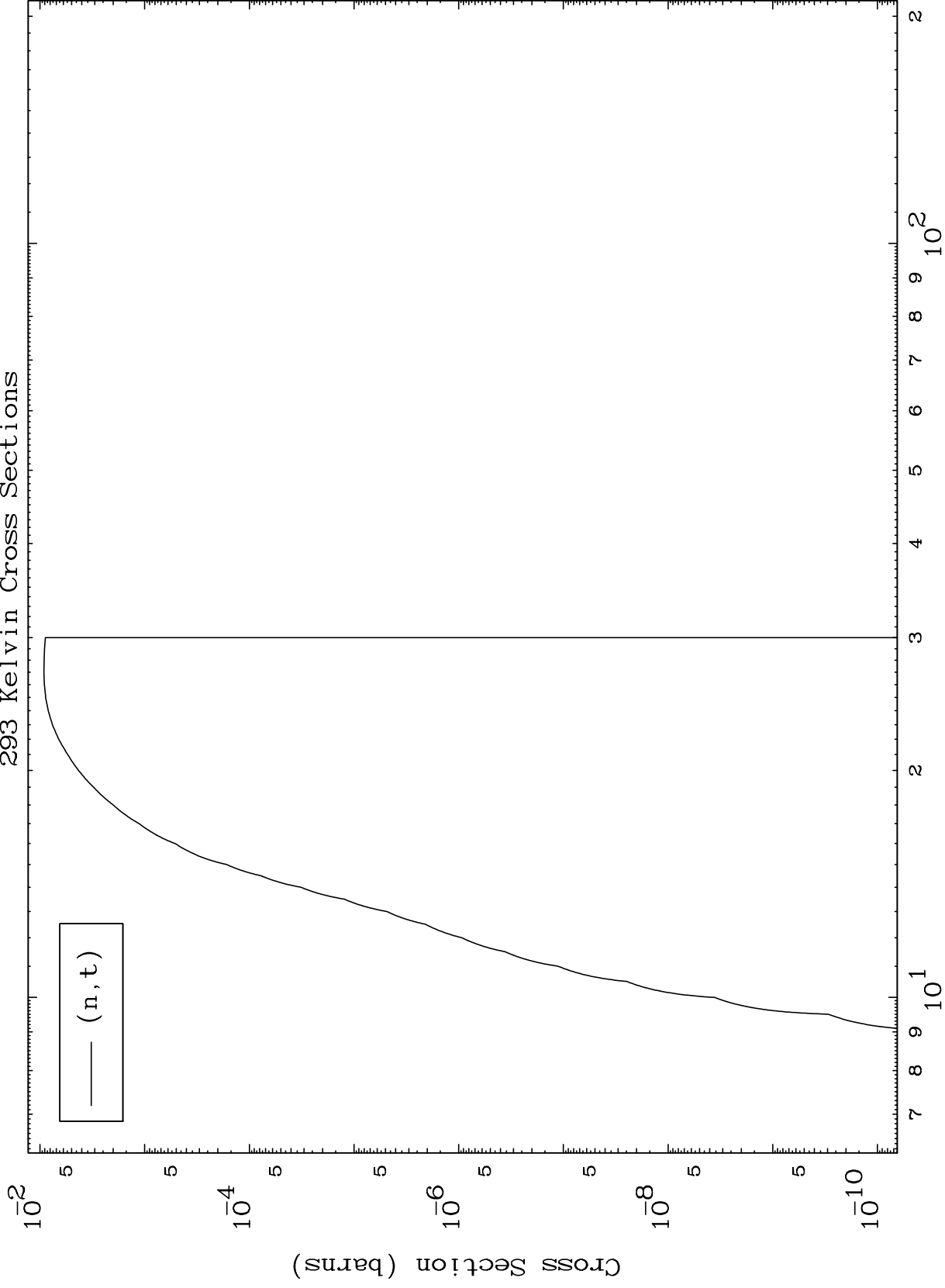
Incident Energy (MeV)

46-Pd-99

MAT 4616

(n,t) Levels
293 Kelvin Cross Sections

46-Pd-99



11

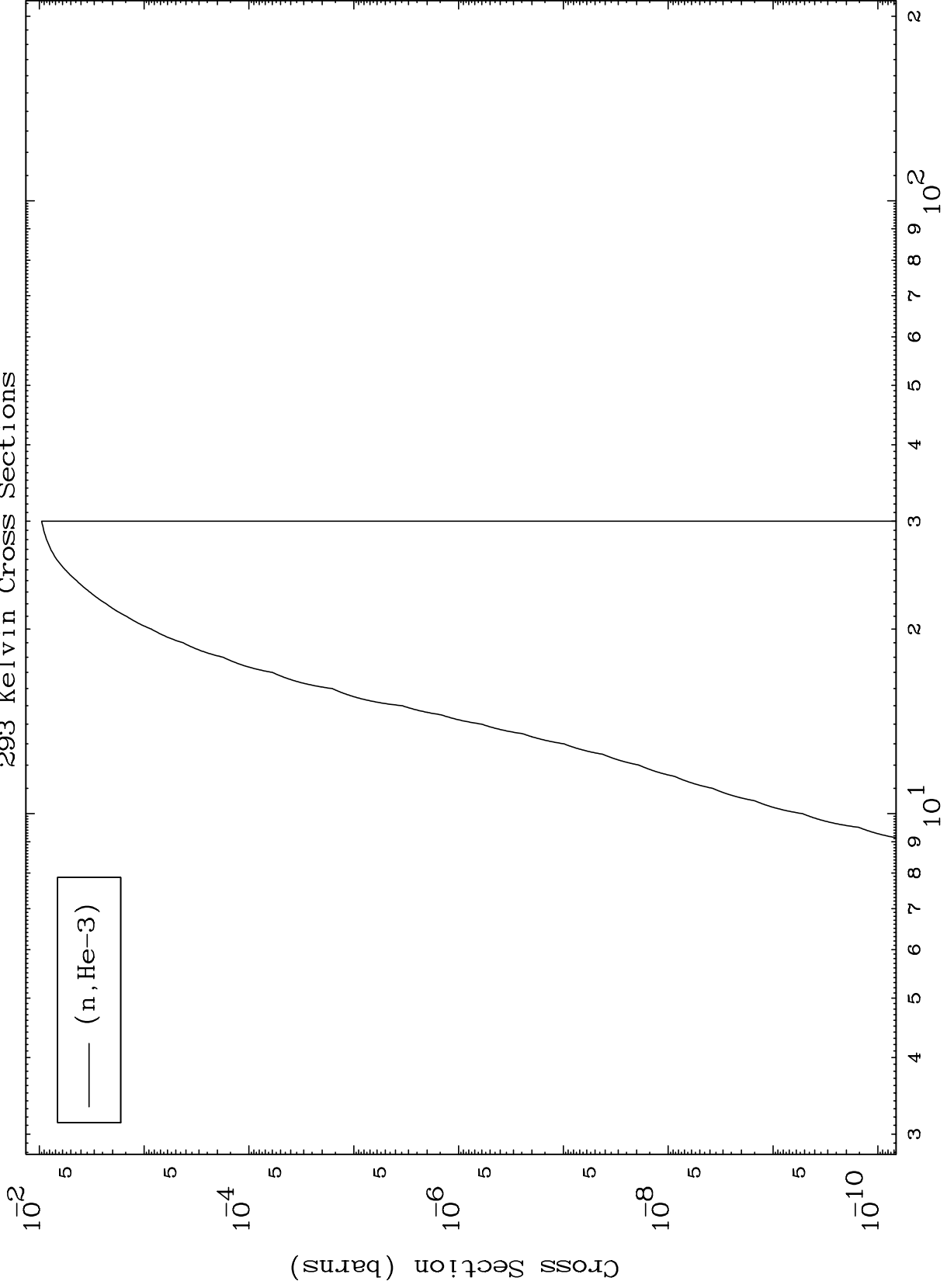
Incident Energy (MeV)

46-Pd-99

MAT 4616

(n,He3) Levels
293 Kelvin Cross Sections

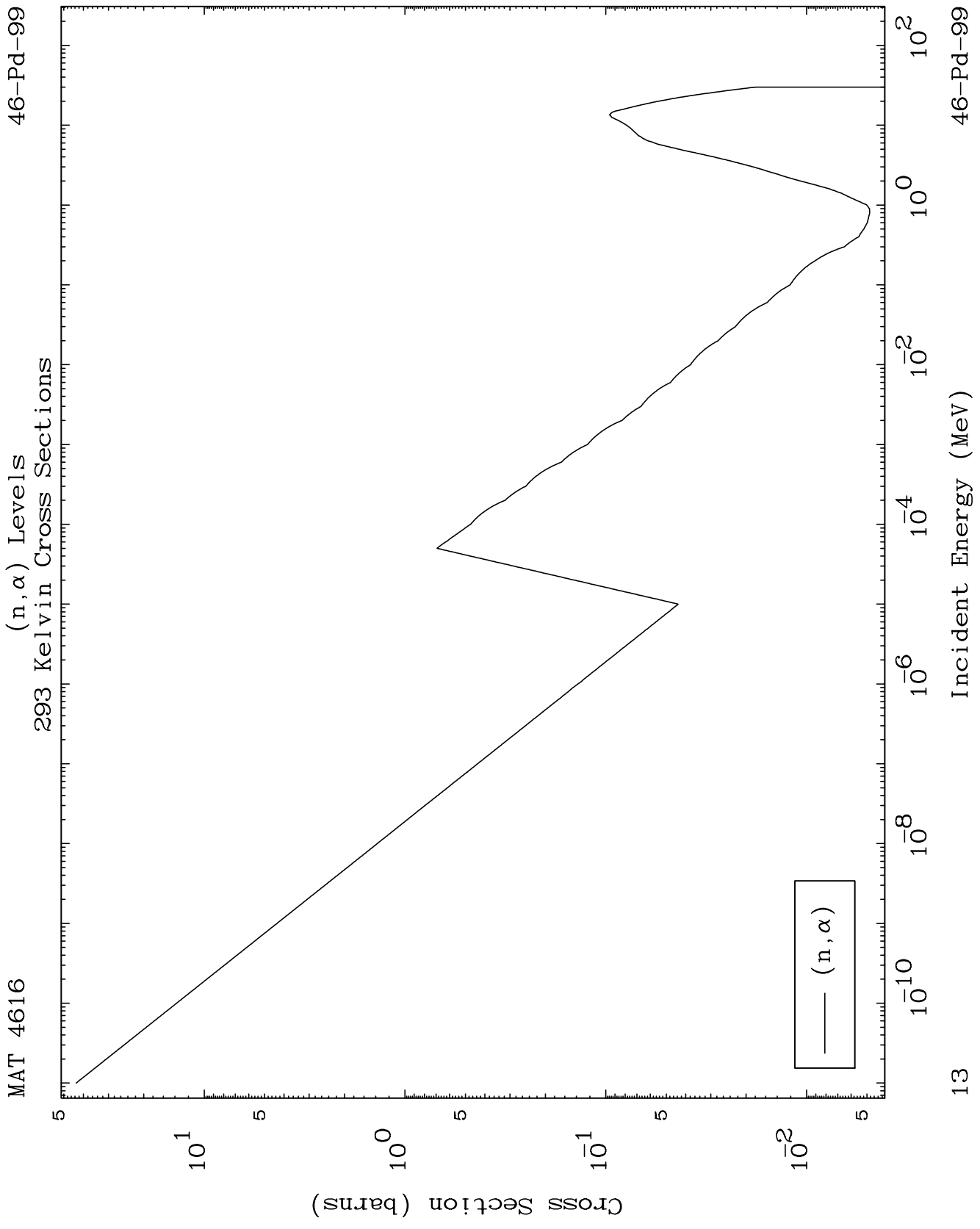
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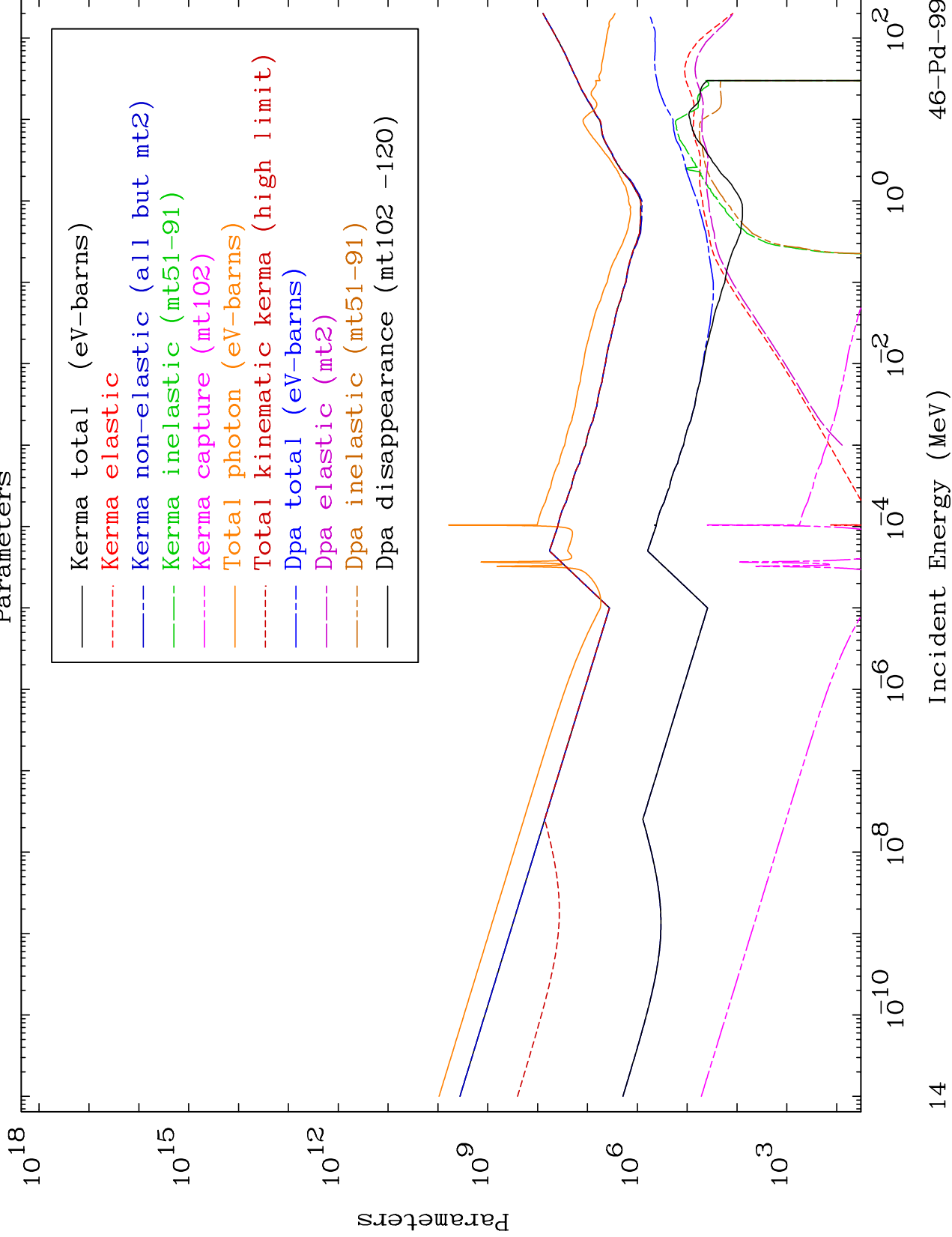


12

Incident Energy (MeV)

46-Pd-99

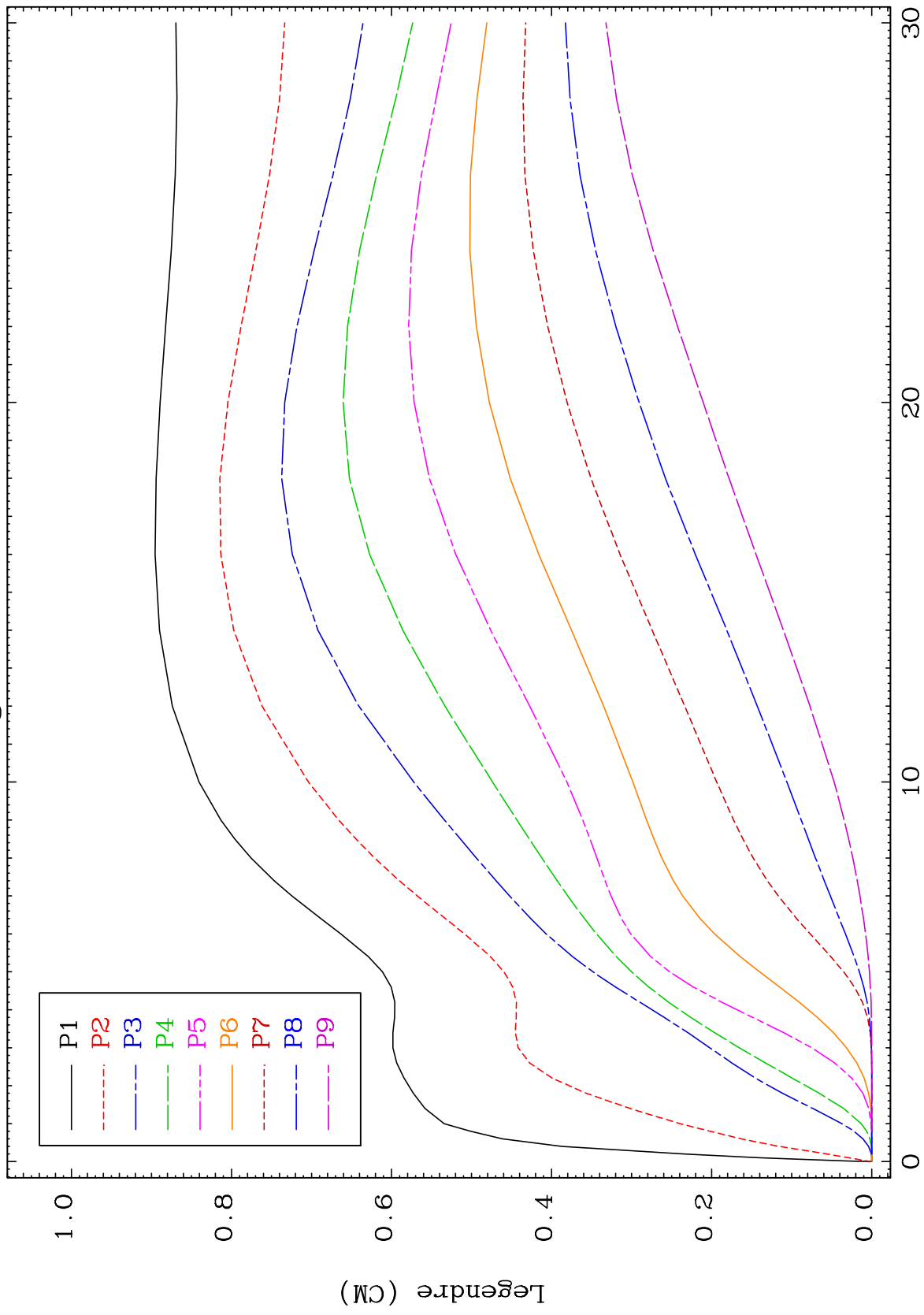




MAT 4616

Elastic Legendre Coefficients

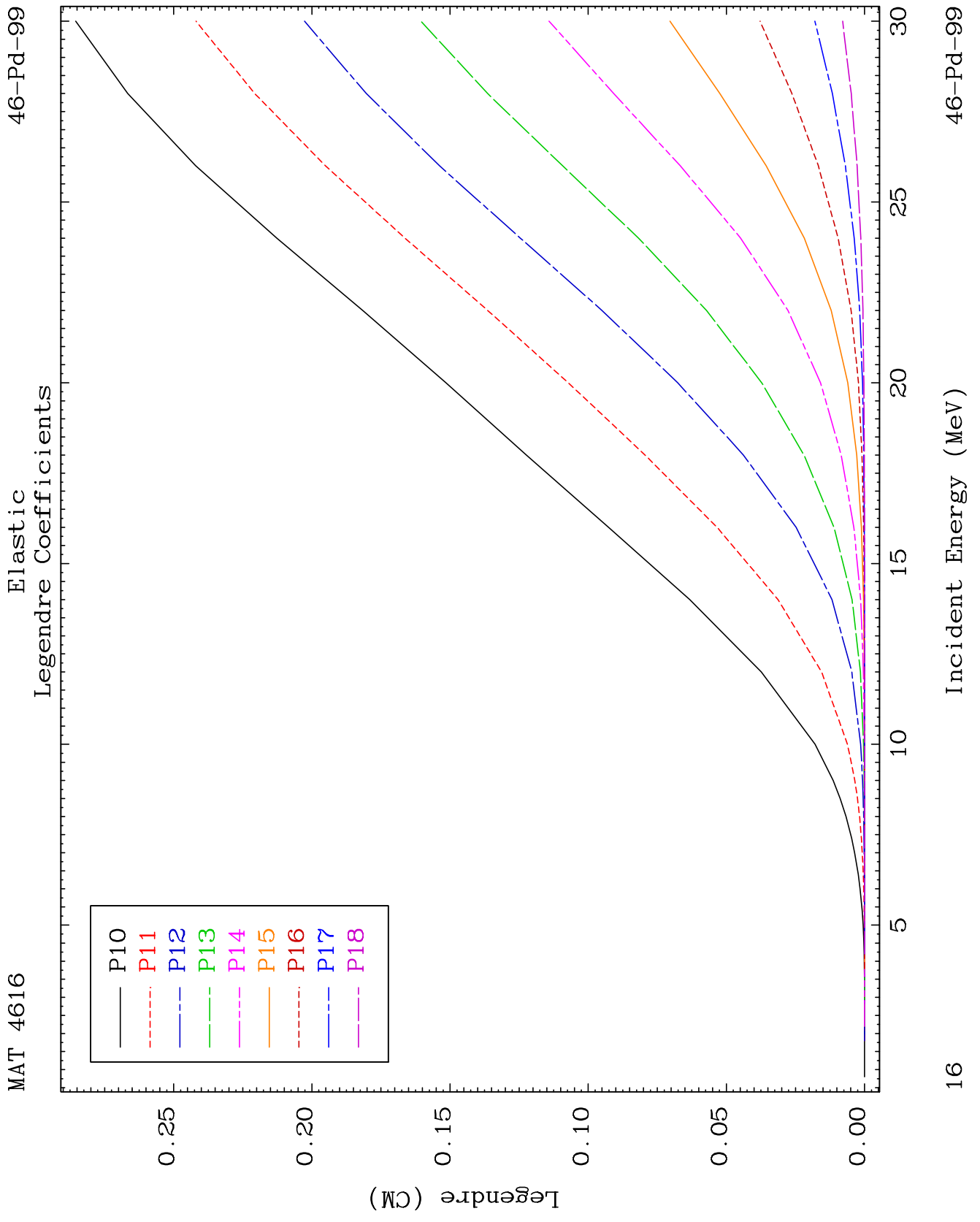
46-Pd-99



15

Incident Energy (MeV)

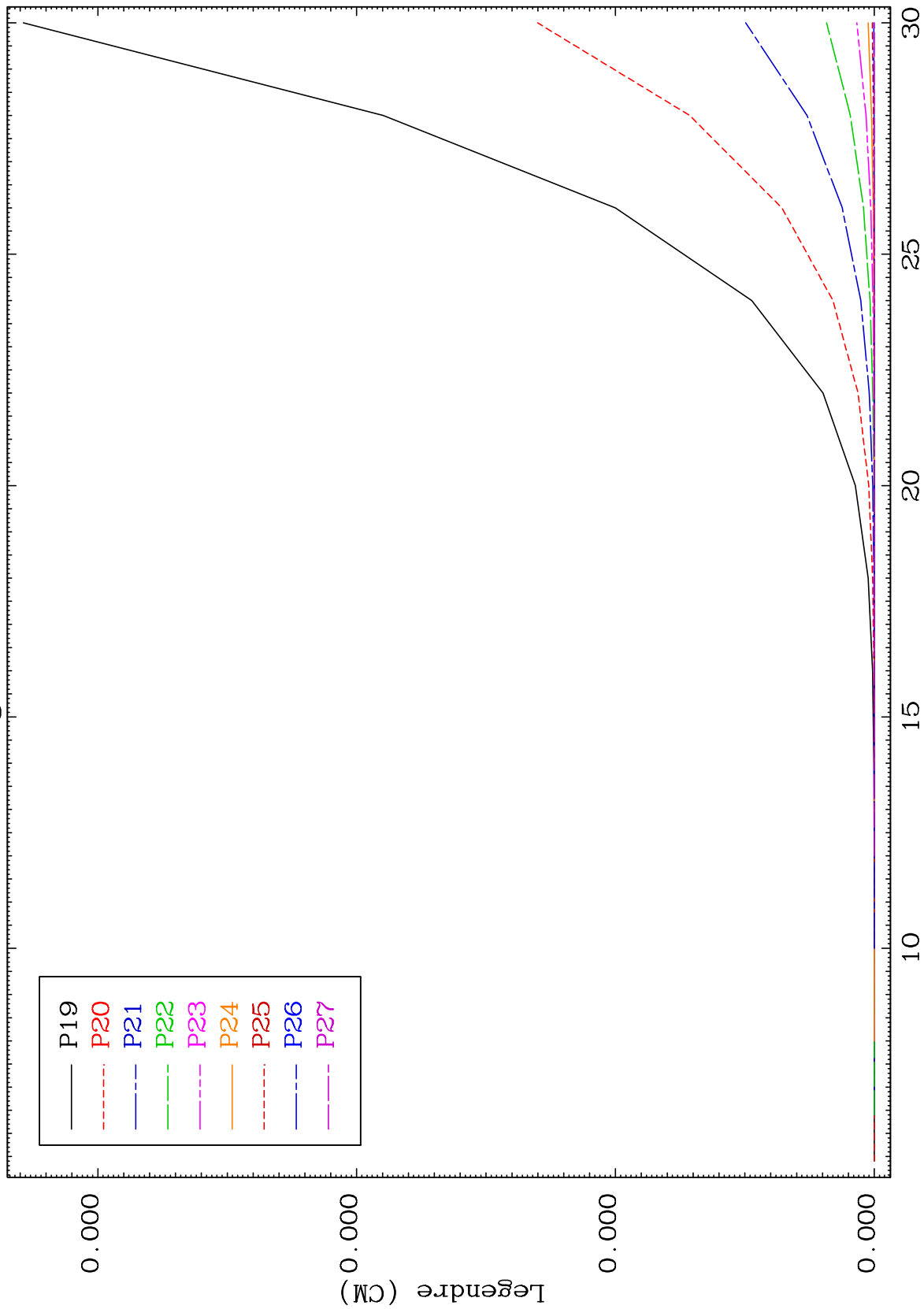
46-Pd-99



MAT 4616

Elastic Legendre Coefficients

46-Pd-99



17

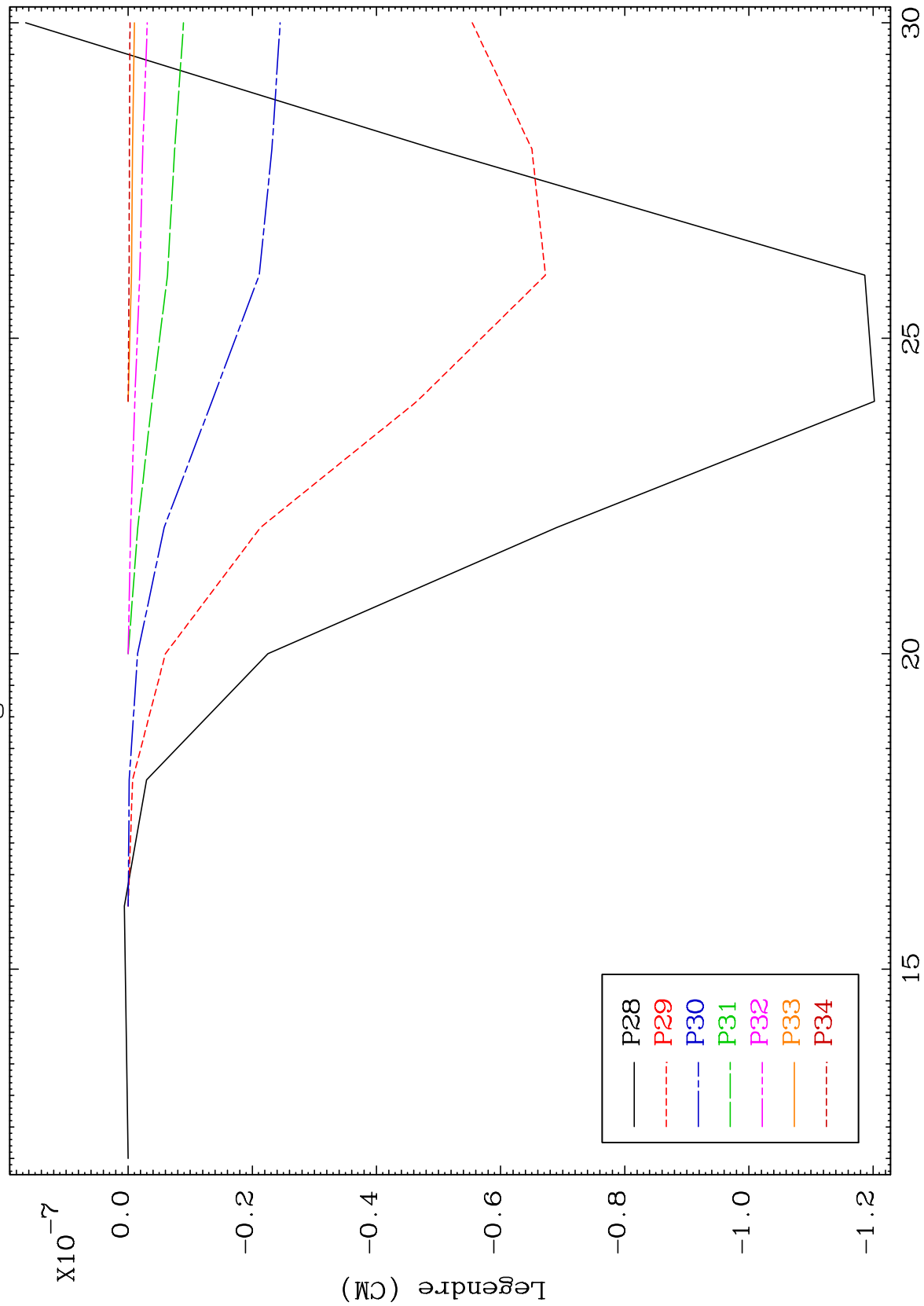
Incident Energy (MeV)

46-Pd-99

MAT 4616

Elastic Legendre Coefficients

46-Pd-99



18

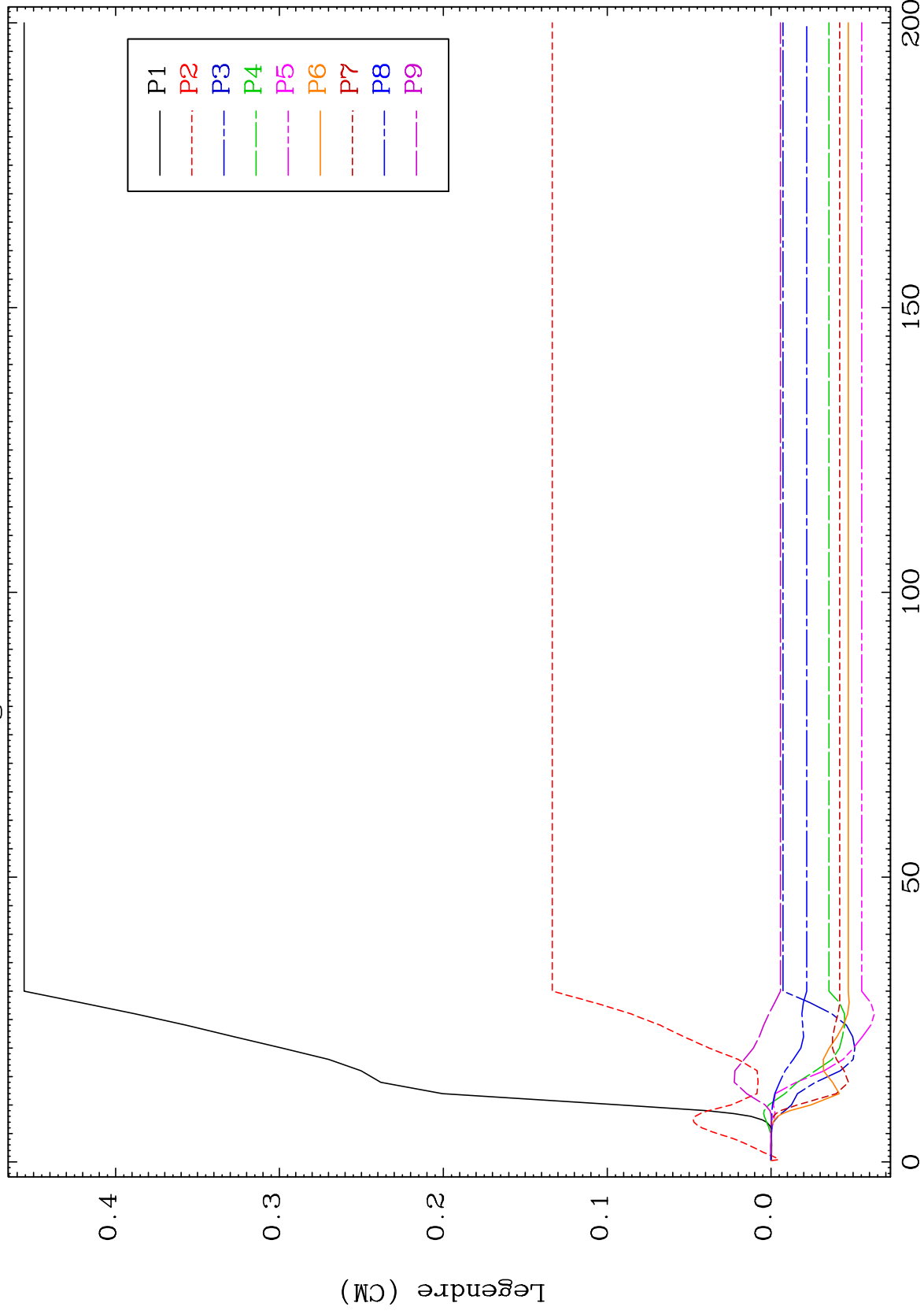
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



19

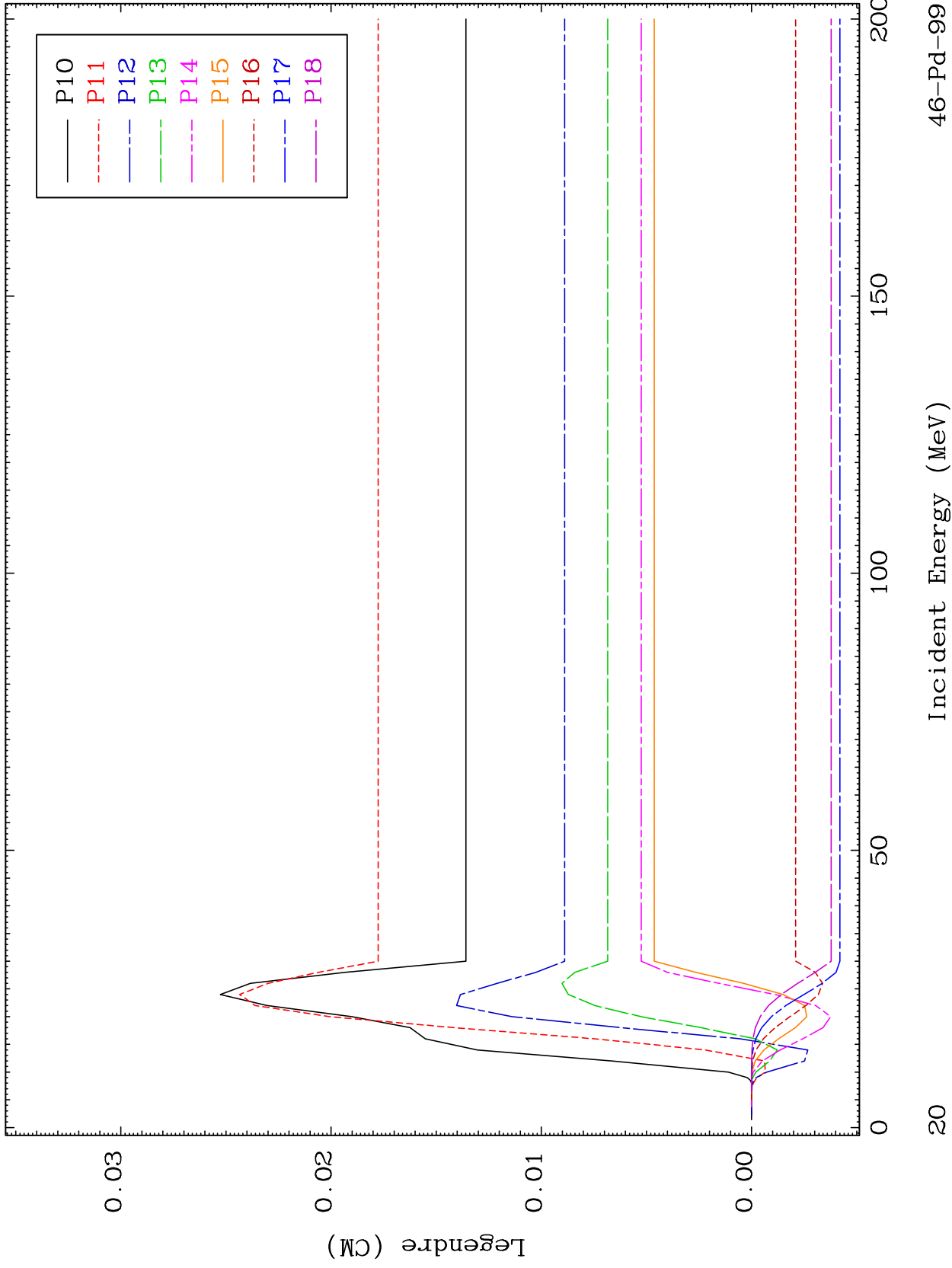
Incident Energy (MeV)

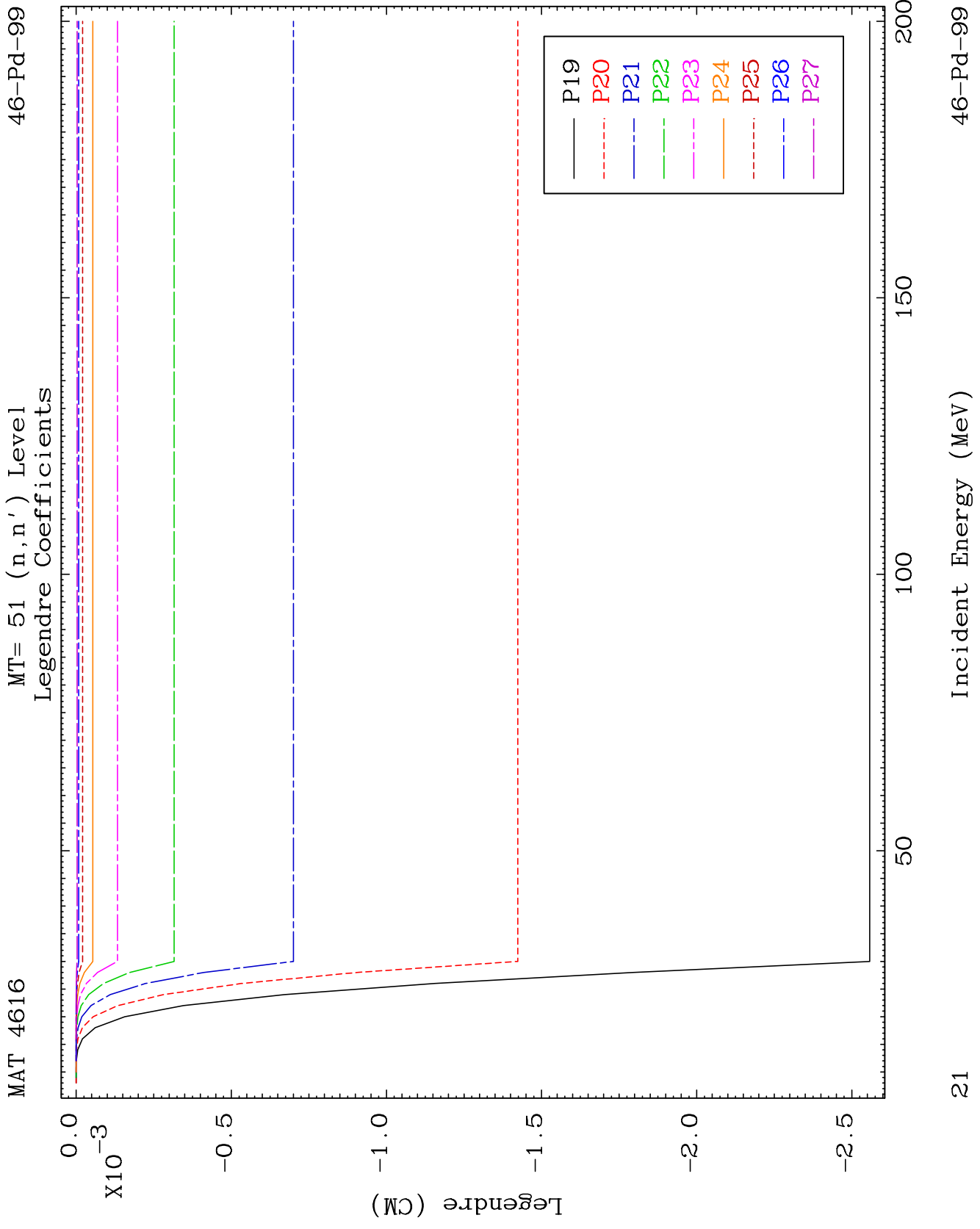
46-Pd-99

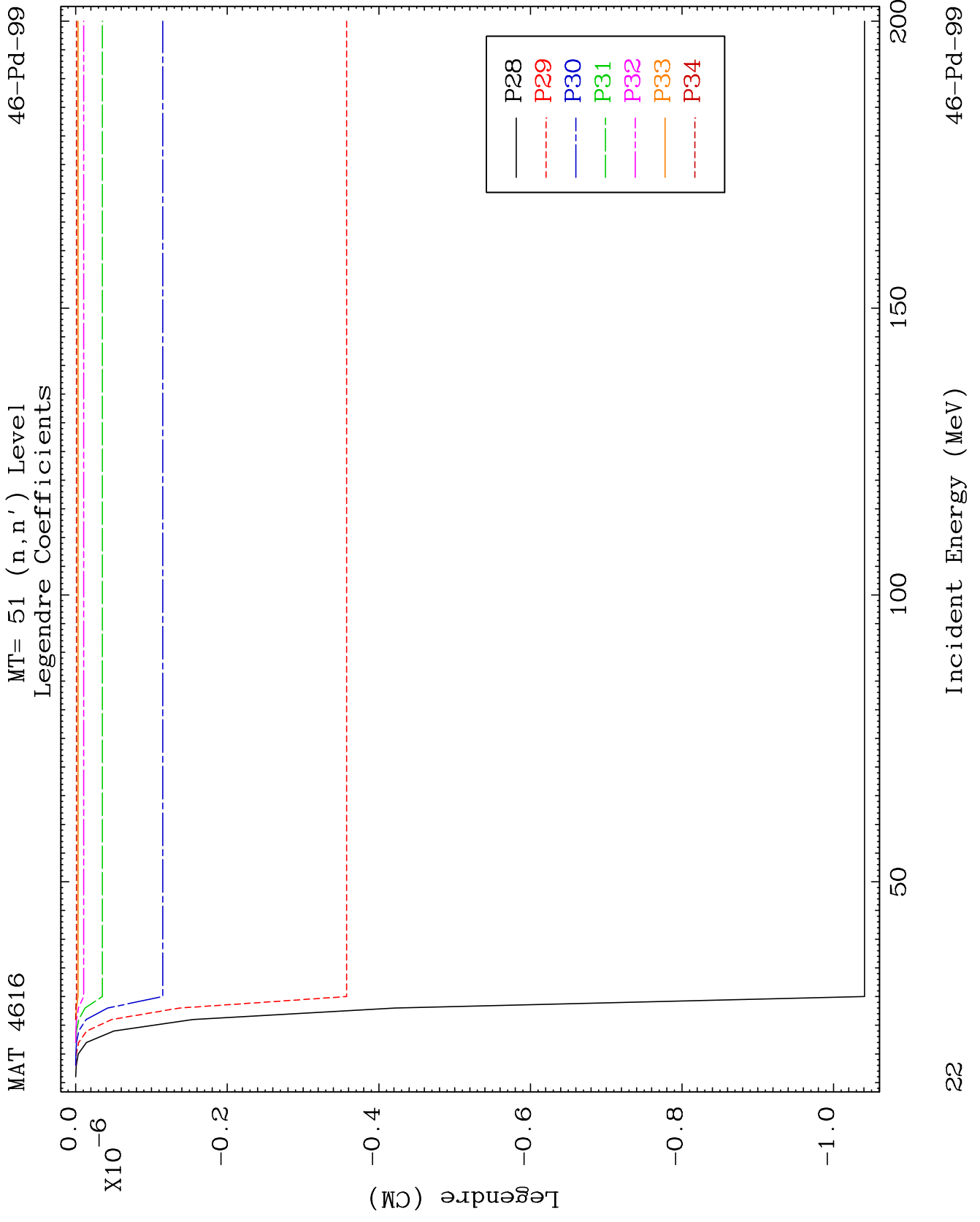
MAT 4616

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

46-Pd-99



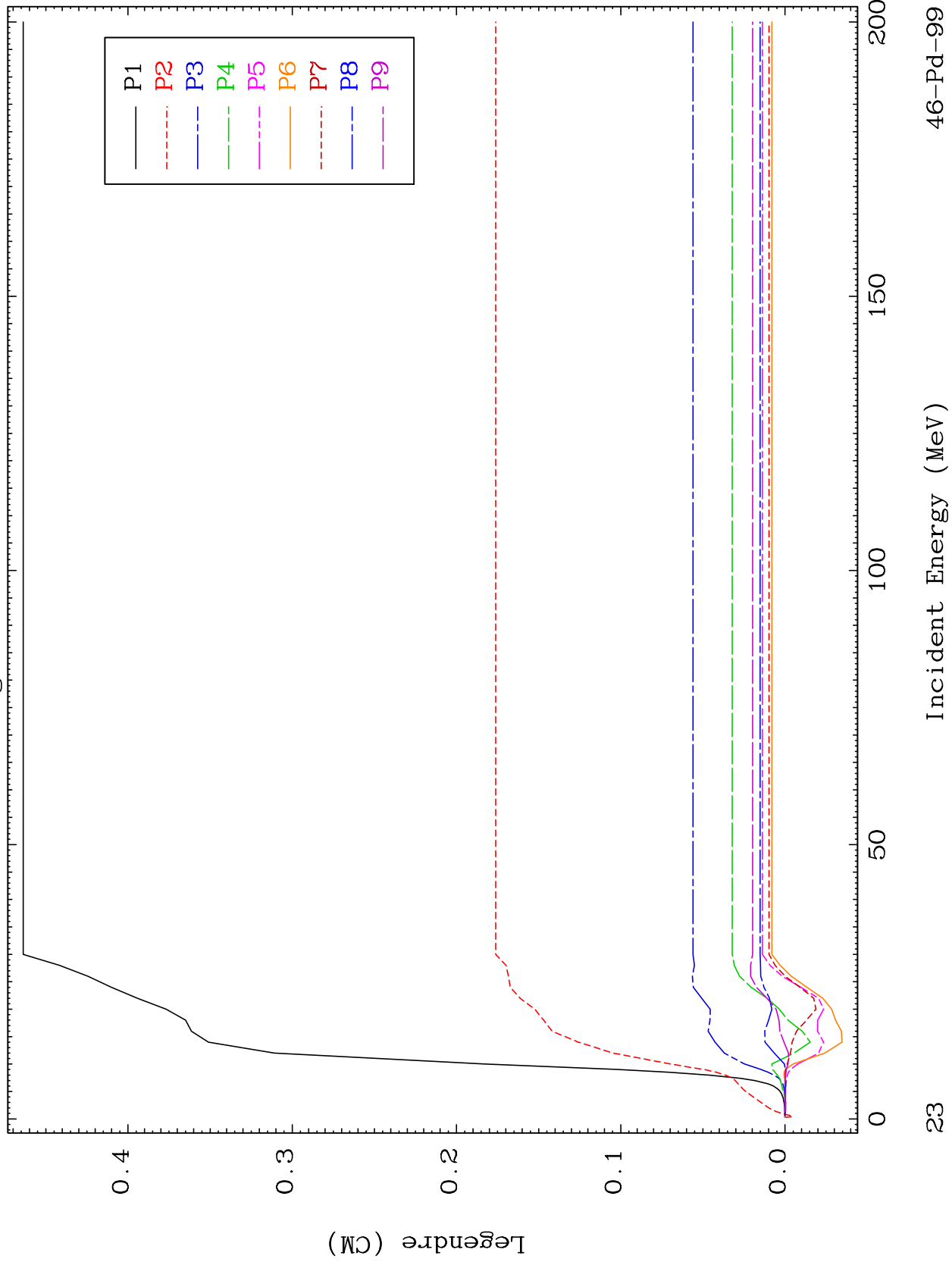




MAT 4616

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

46-Pd-99



46-Pd-99

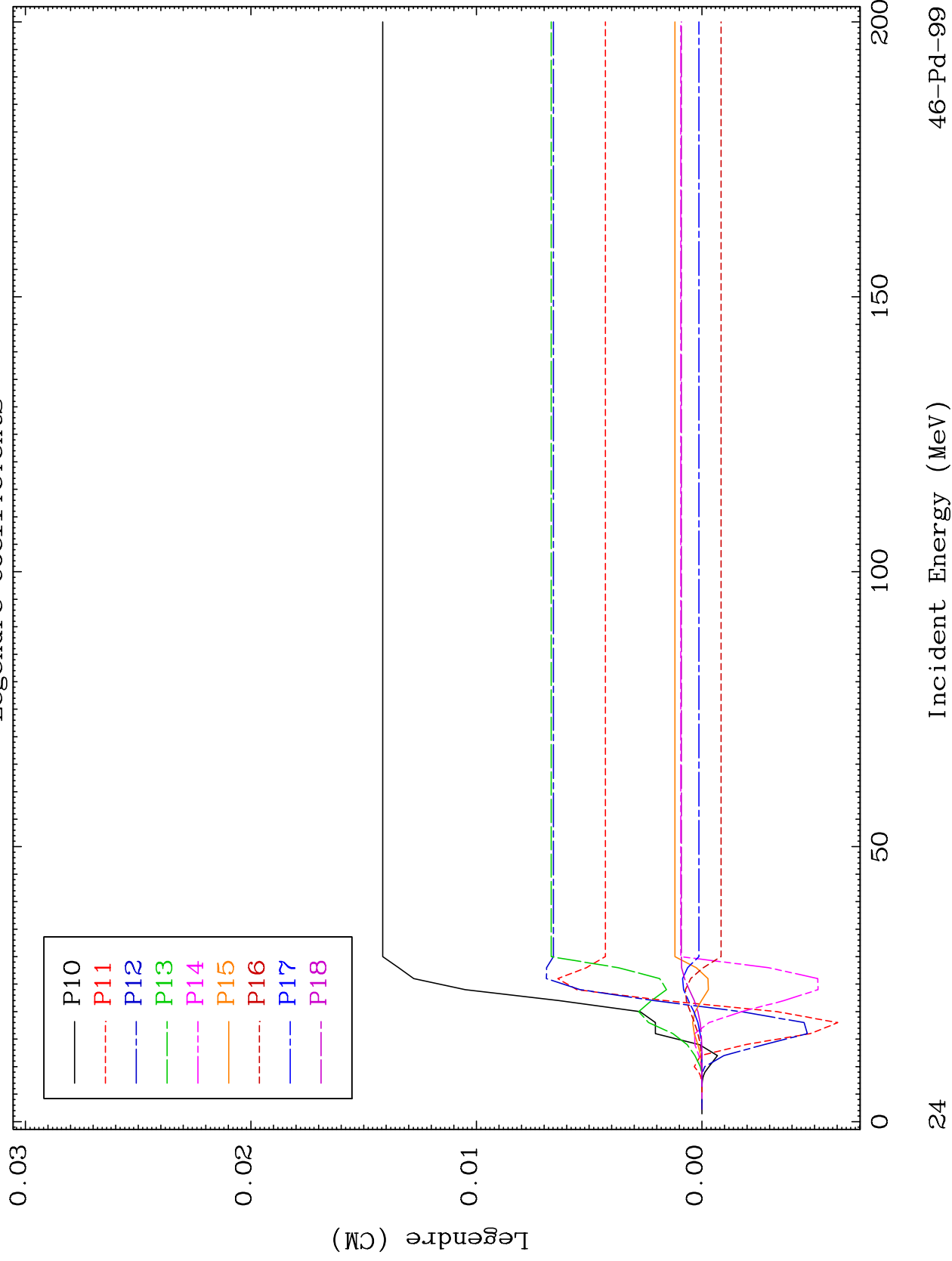
Incident Energy (MeV)

23

MAT 4616

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

46-Pd-99



24

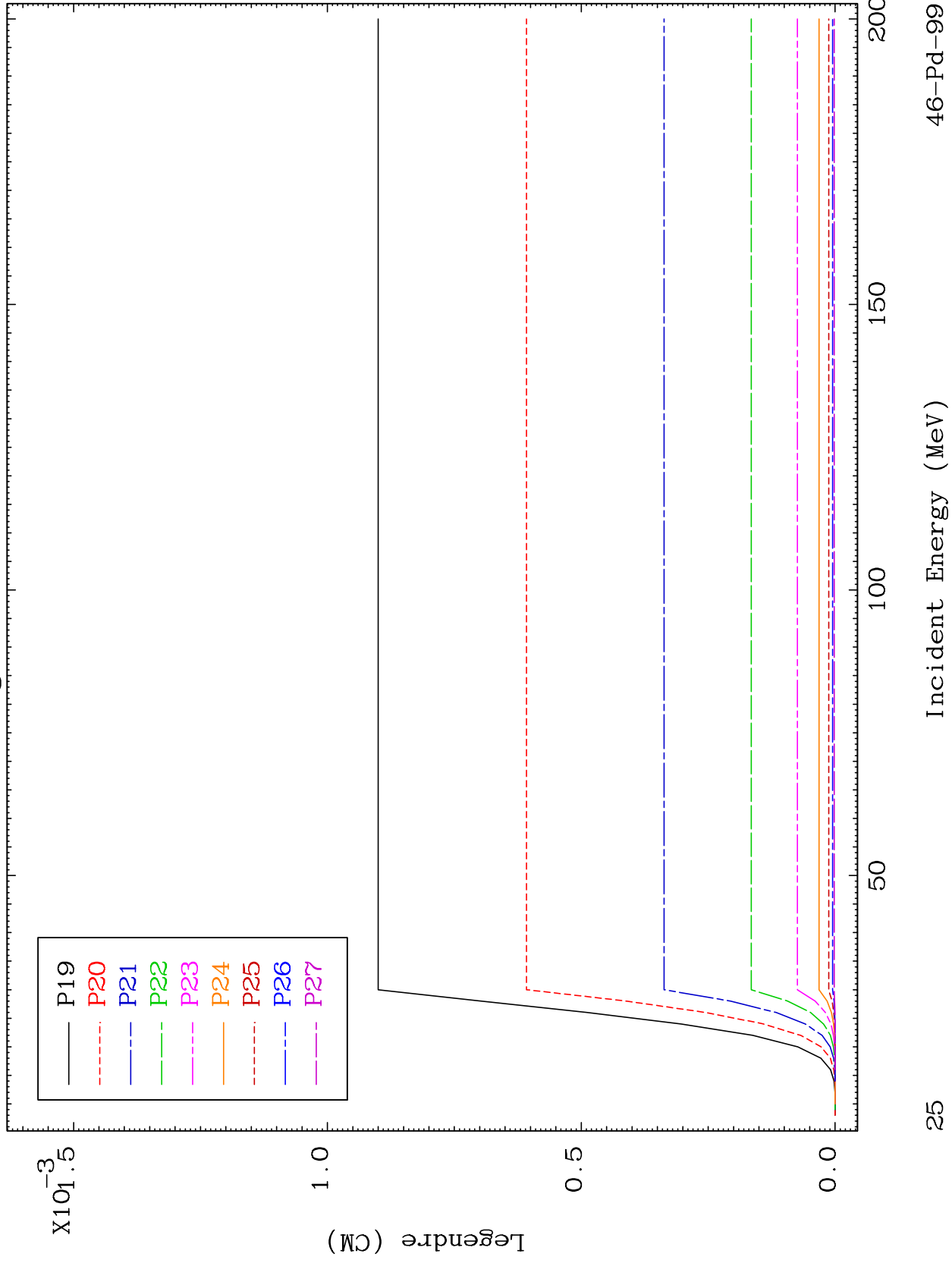
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



25

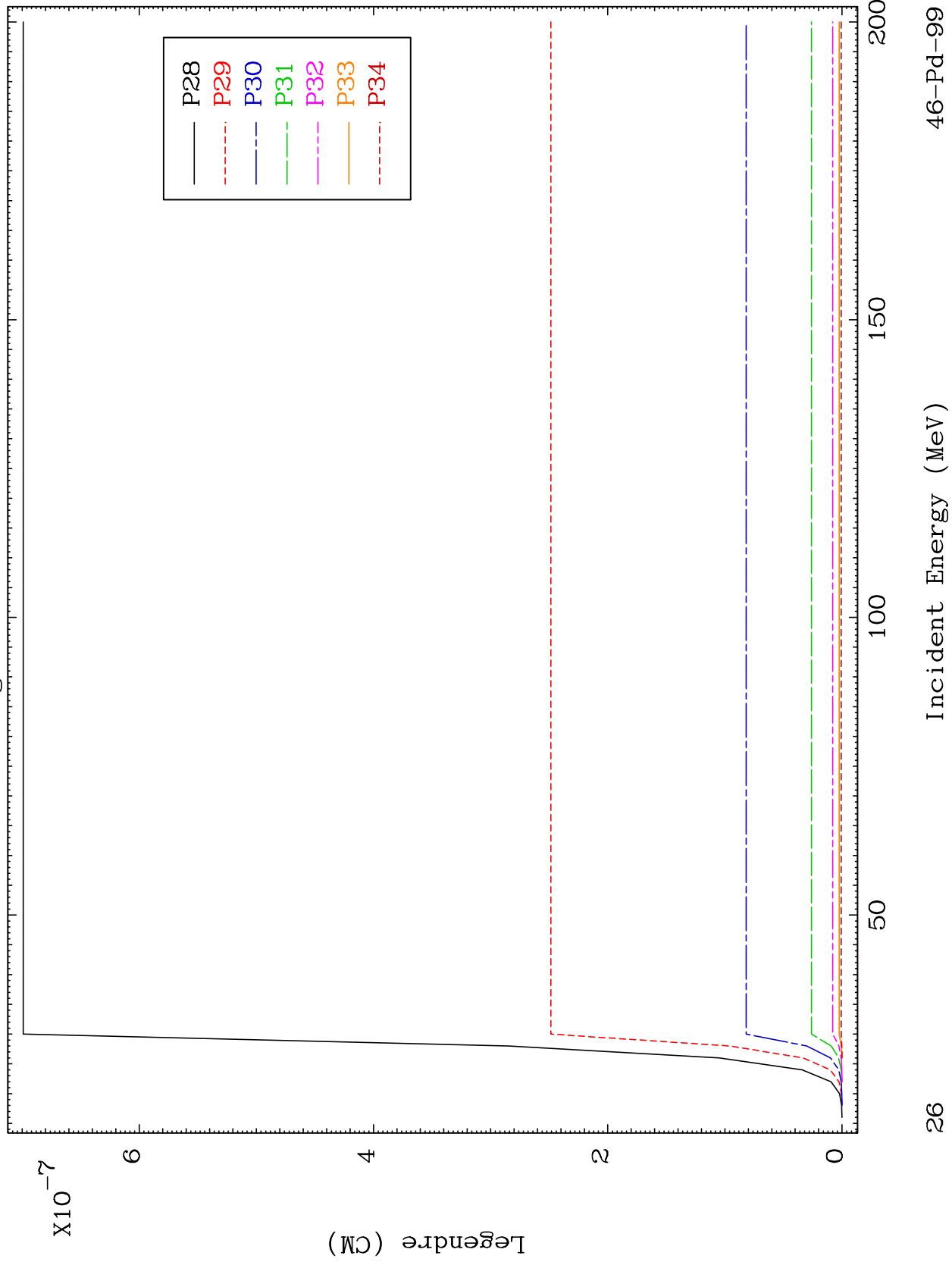
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



26

Incident Energy (MeV)

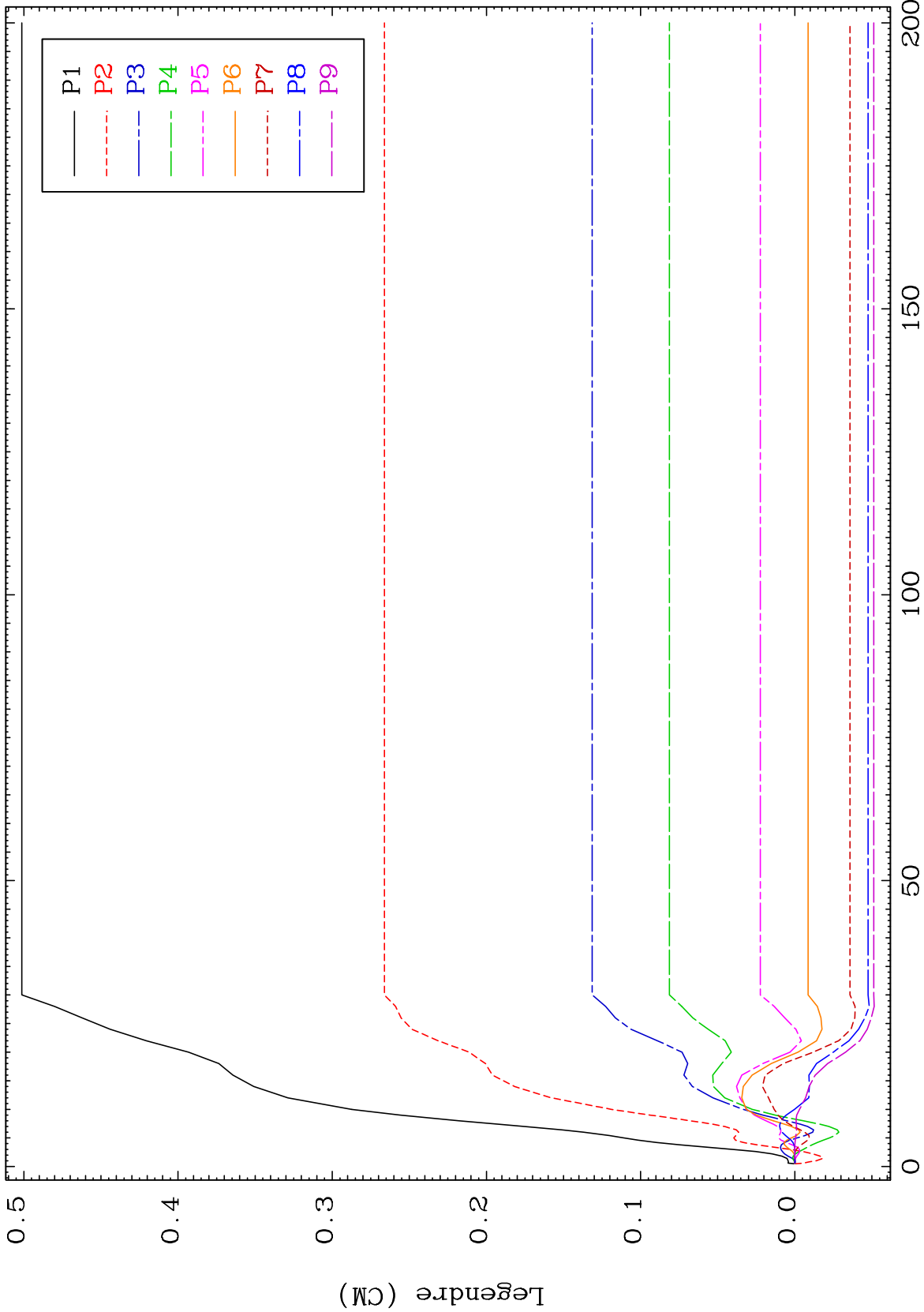
46-Pd-99

MAT 4616

MT= 53 (n,n') Level

46-Pd-99

Legendre Coefficients



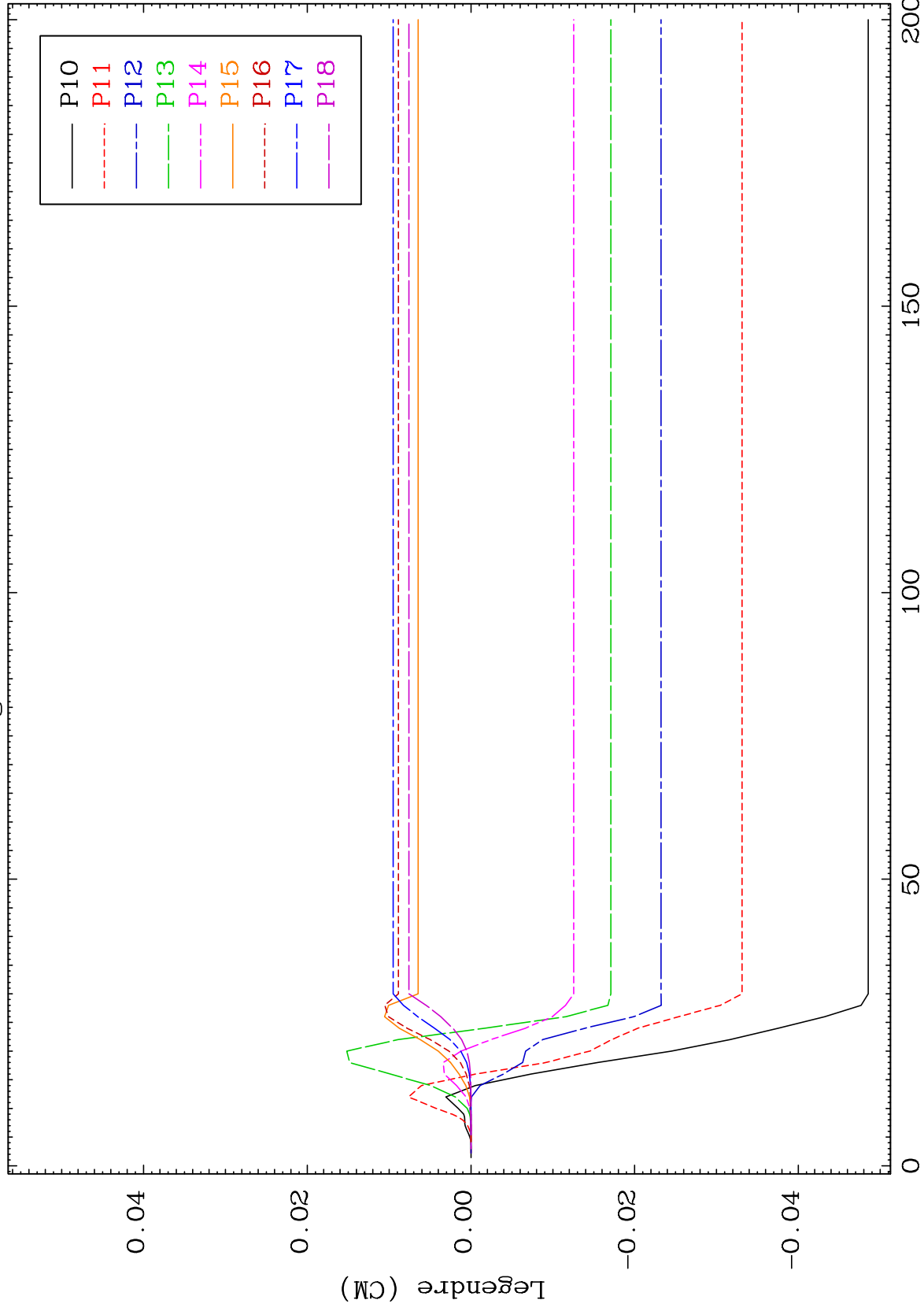
27

46-Pd-99

MAT 4616

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

46-Pd-99



28

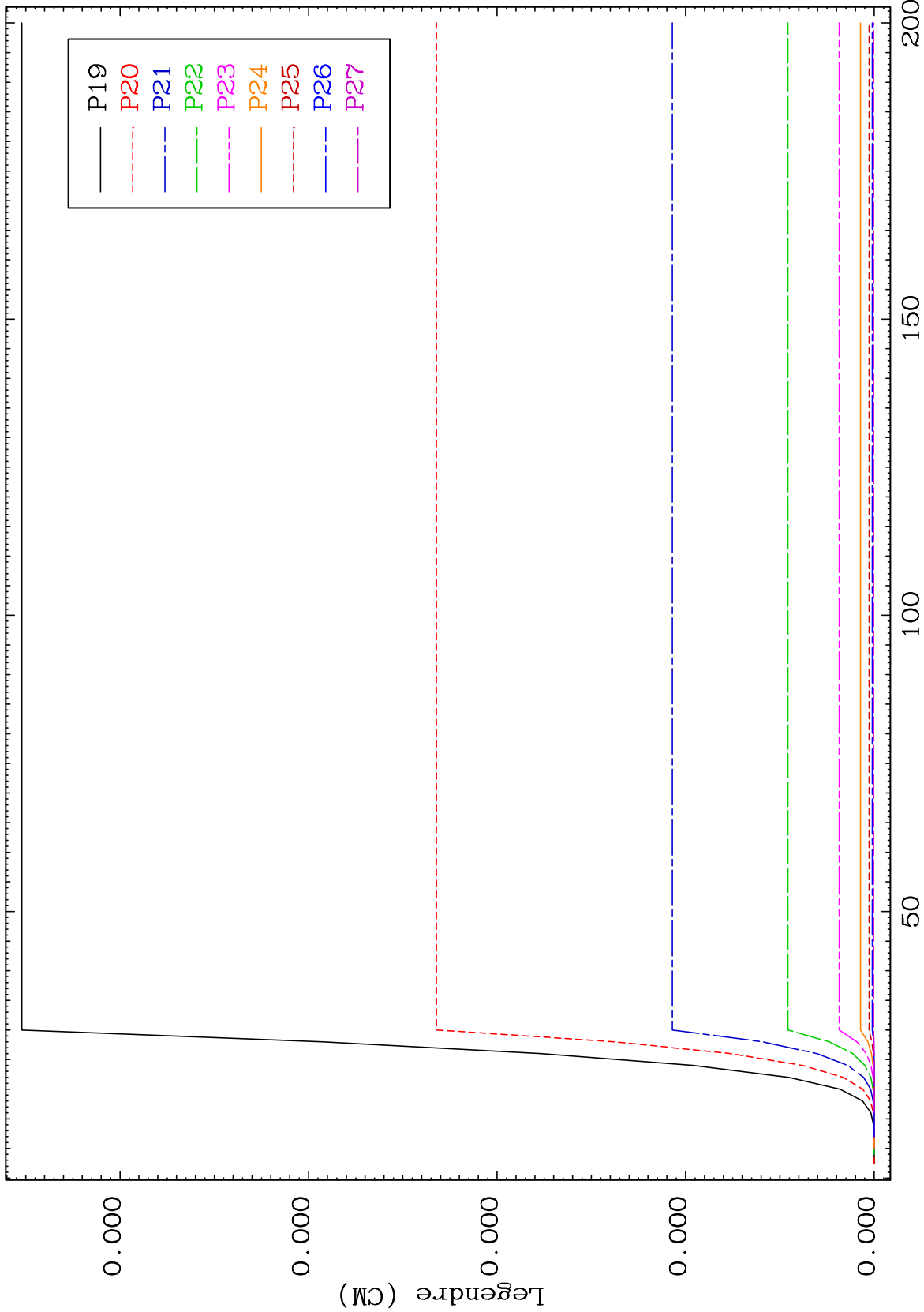
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

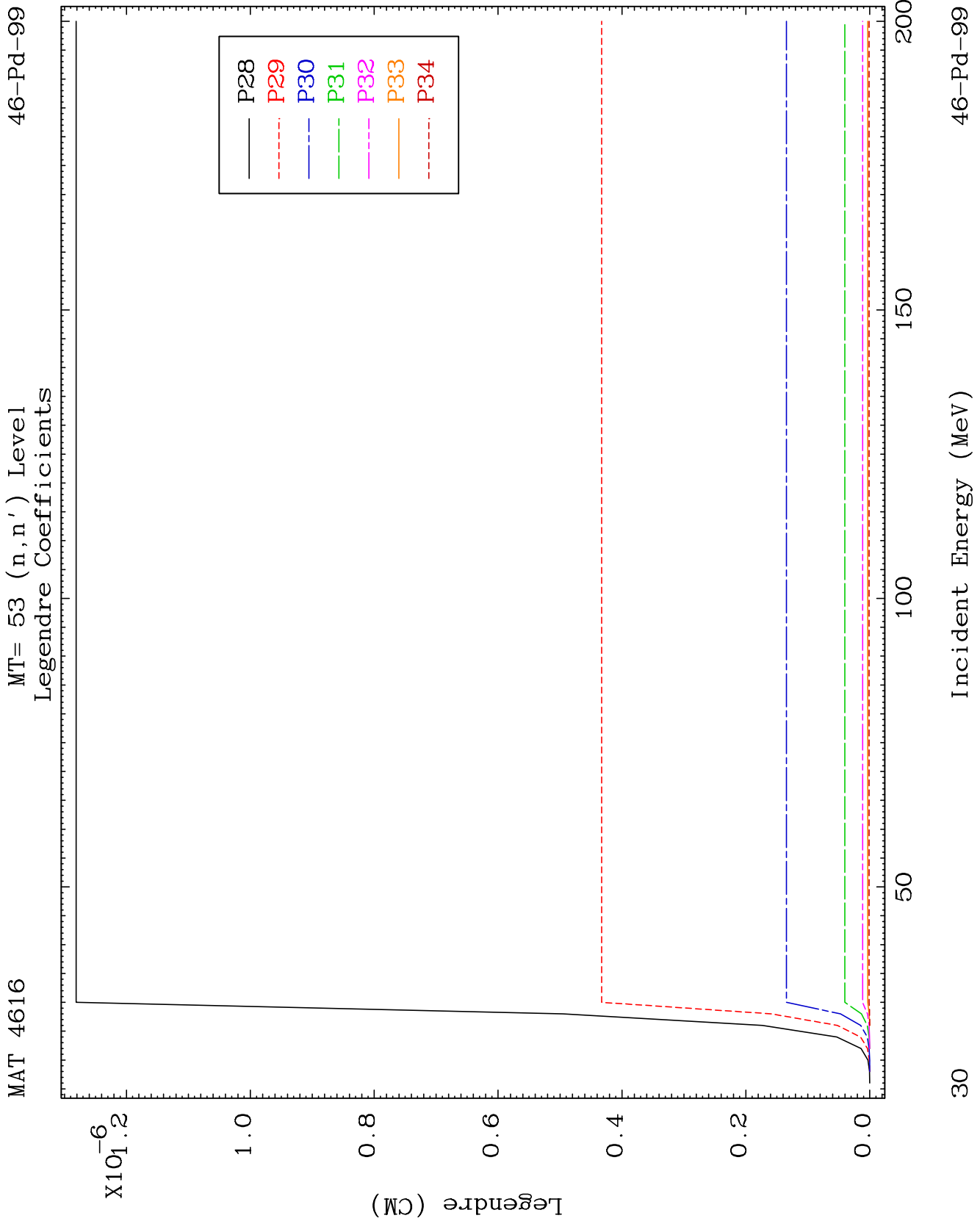
46-Pd-99



29

Incident Energy (MeV)

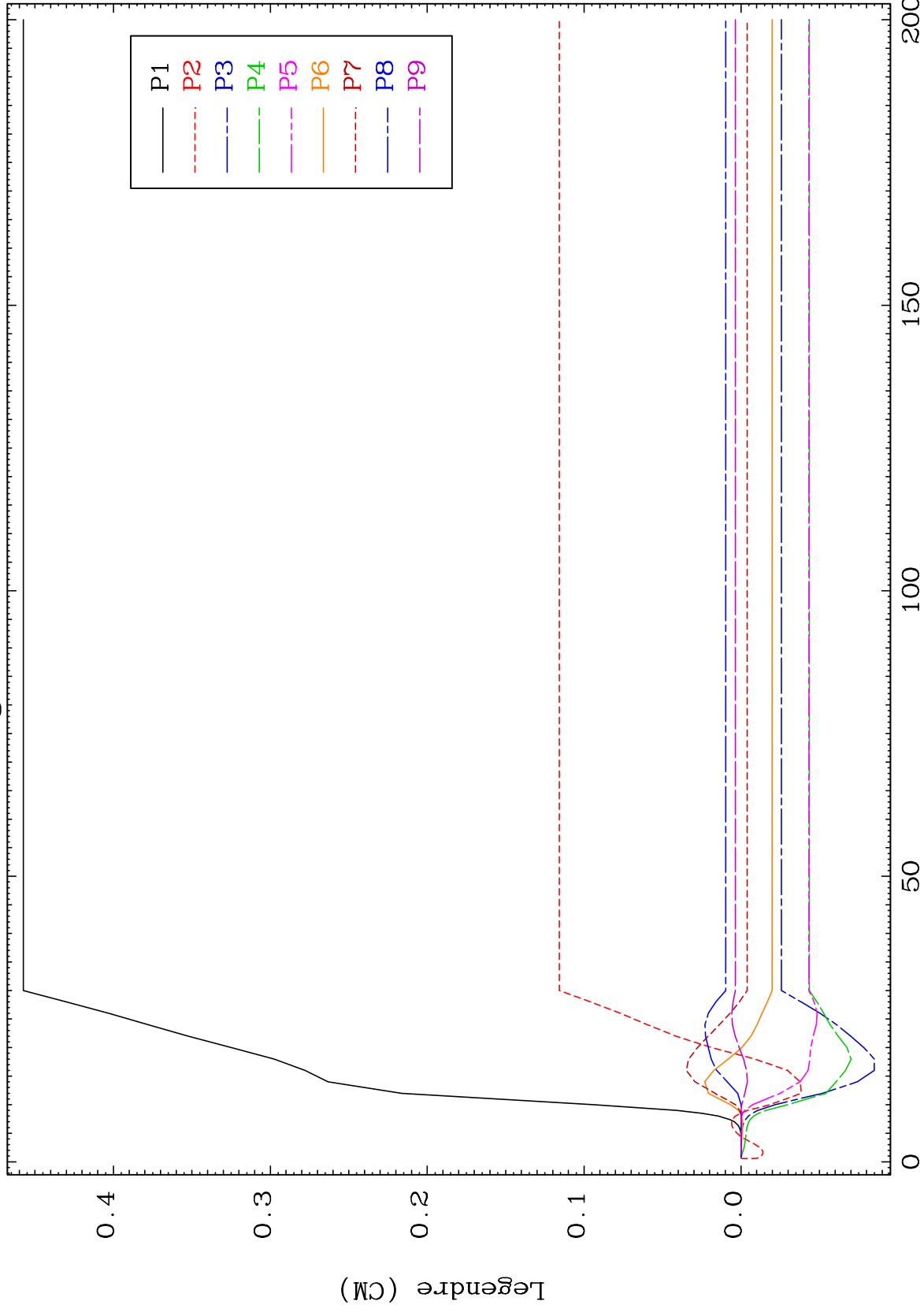
46-Pd-99



MAT 4616

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

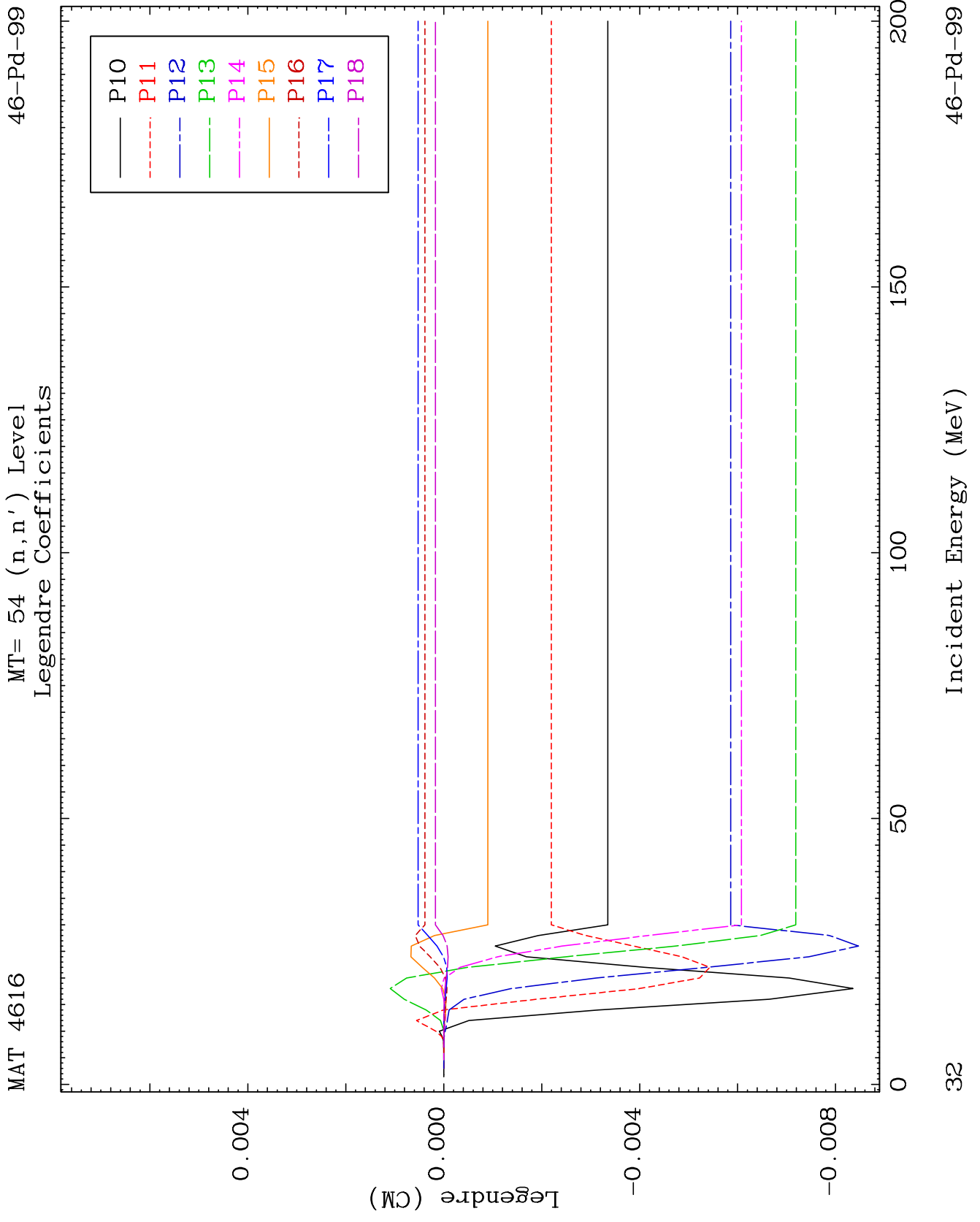
46-Pd-99



31

Incident Energy (MeV)

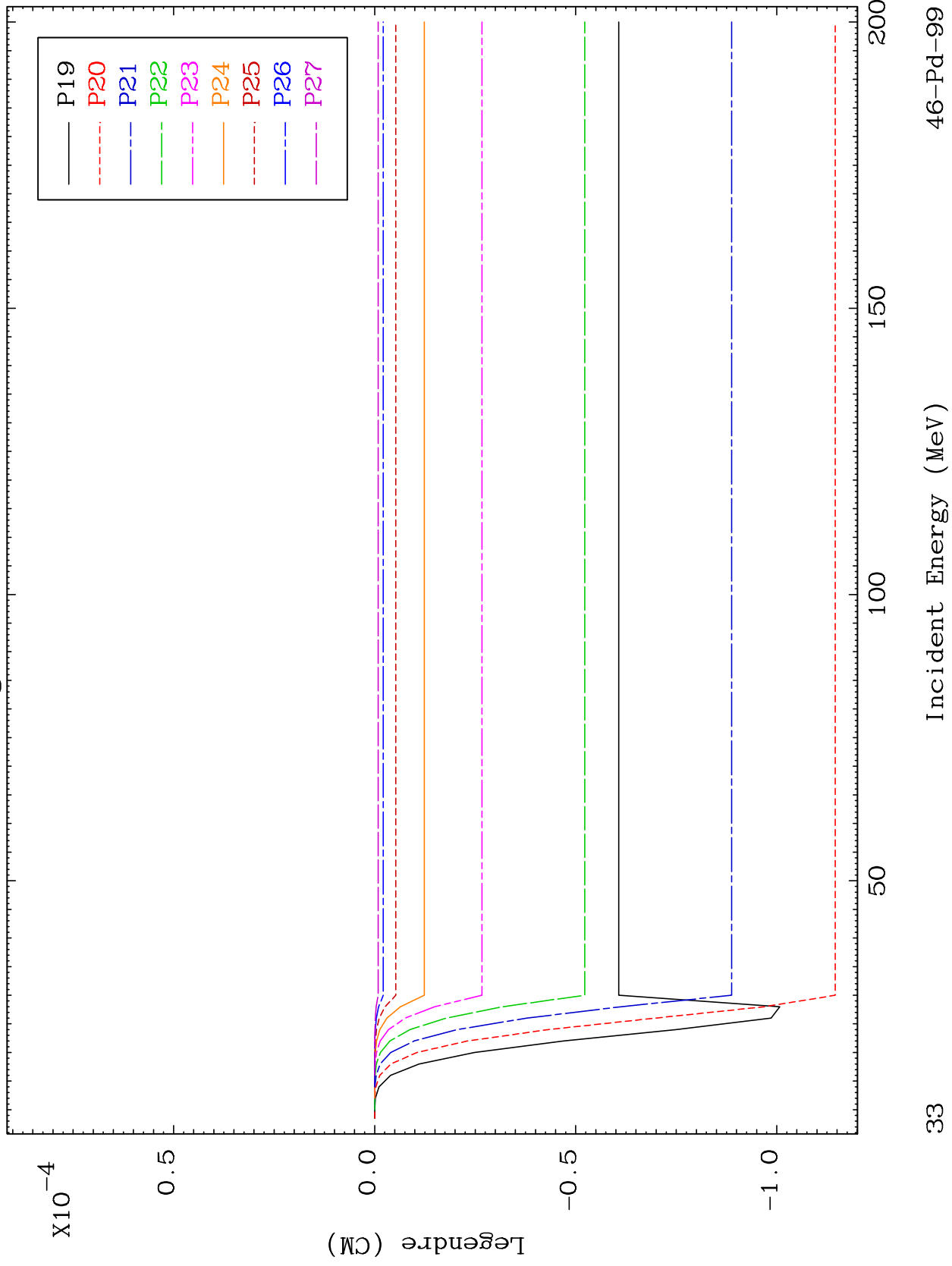
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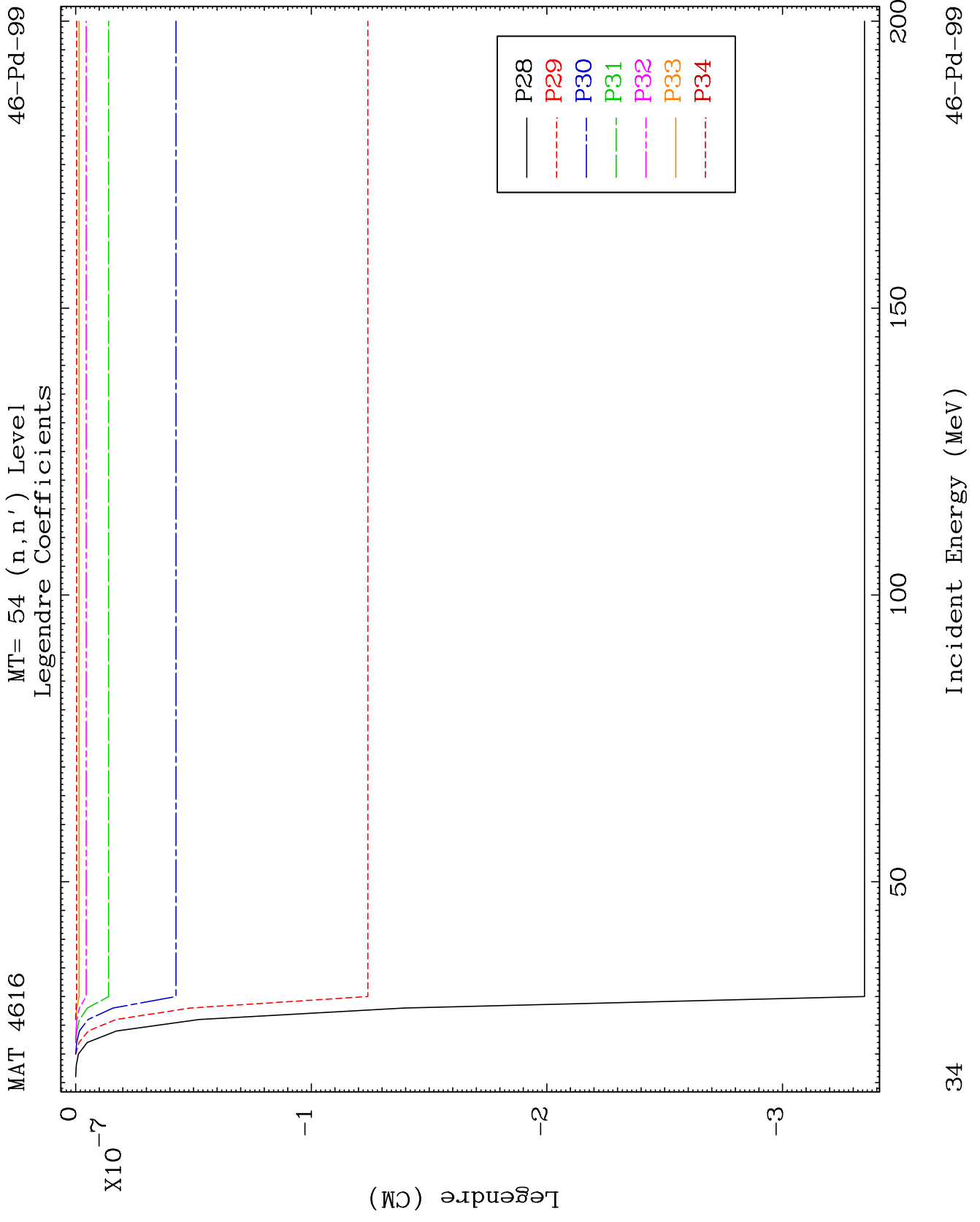


MAT 4616

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

46-Pd-99

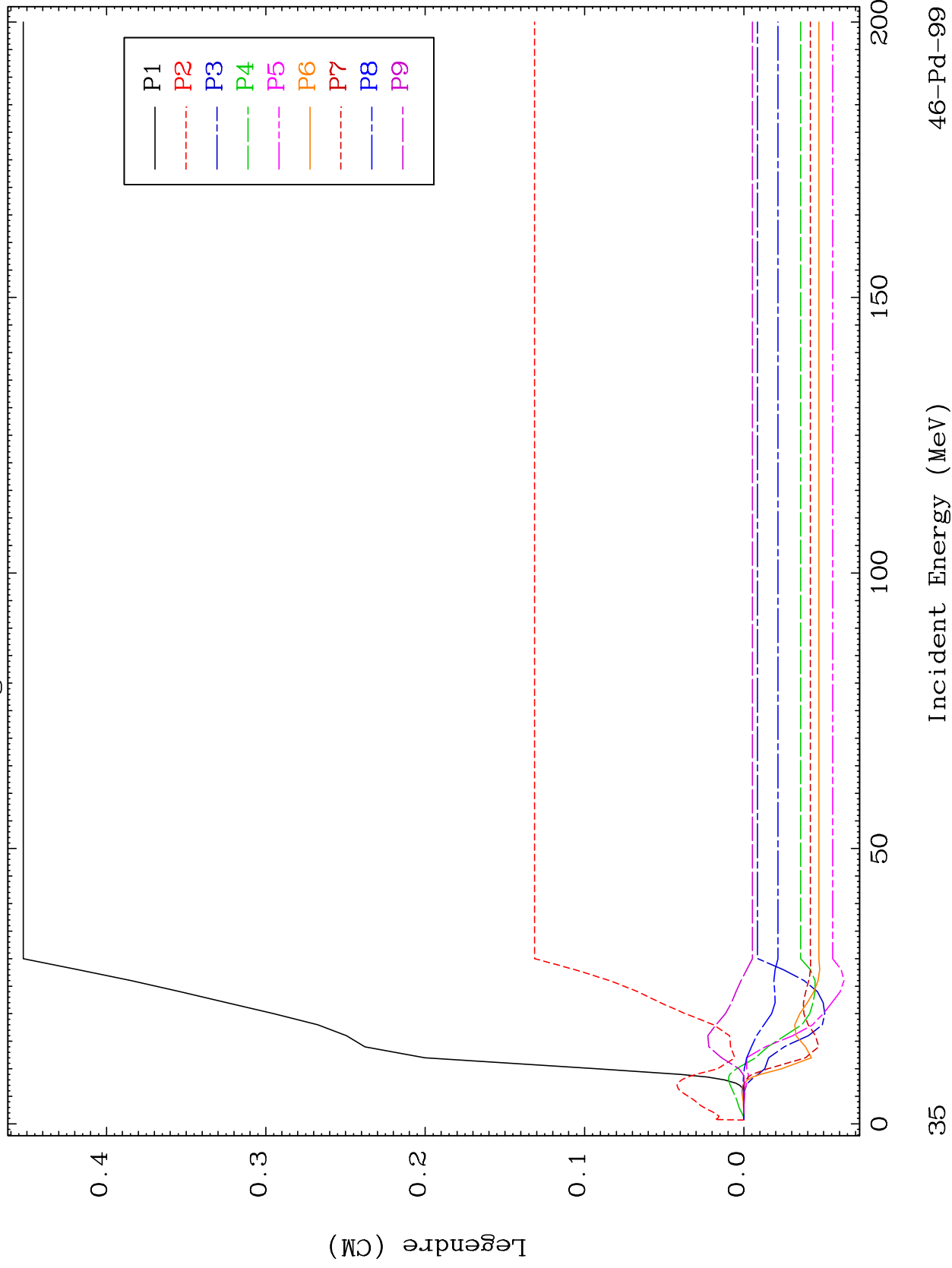




MAT 4616

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

46-Pd-99



46-Pd-99

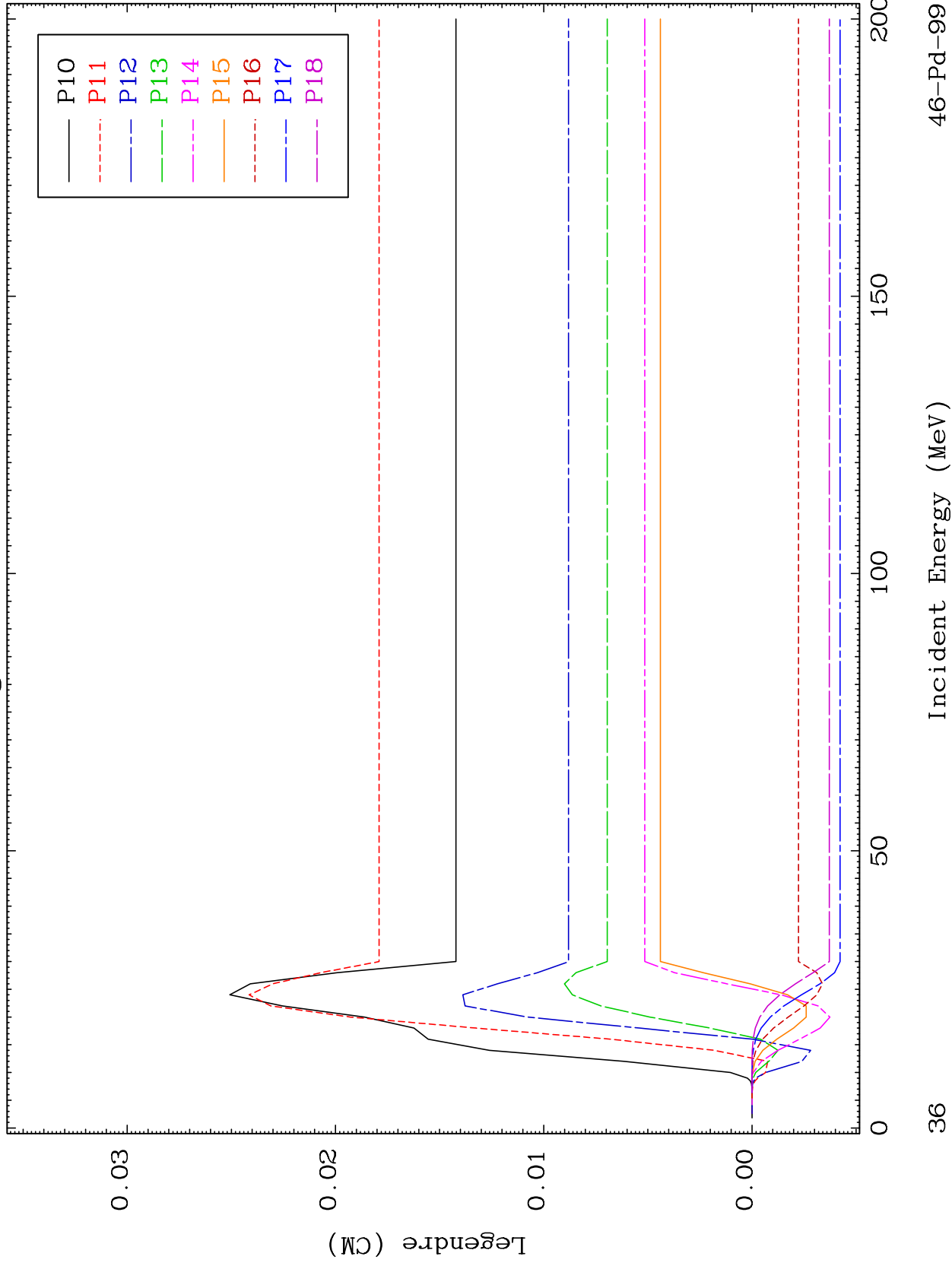
Incident Energy (MeV)

35

MAT 4616

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

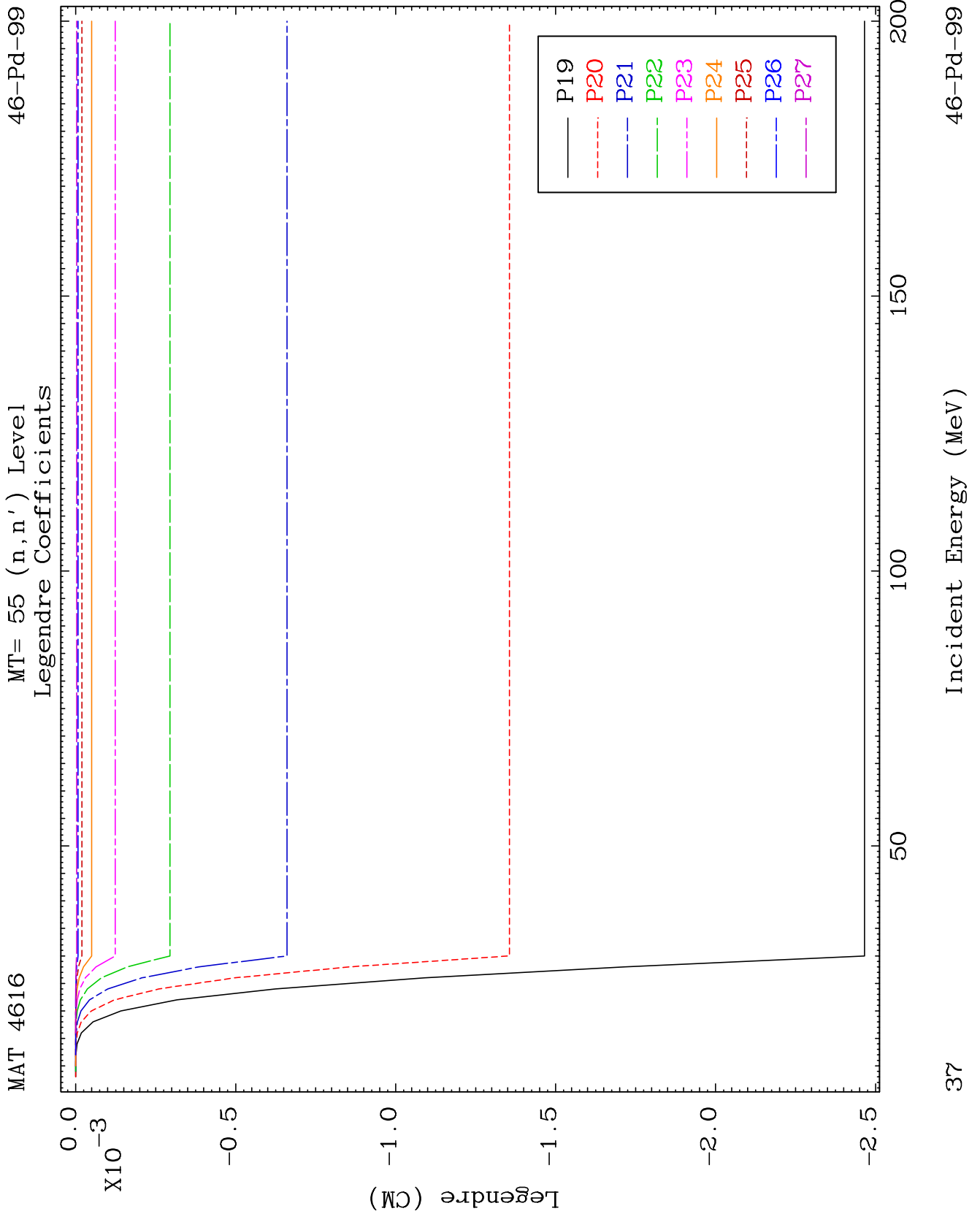
46-Pd-99



36

Incident Energy (MeV)

46-Pd-99

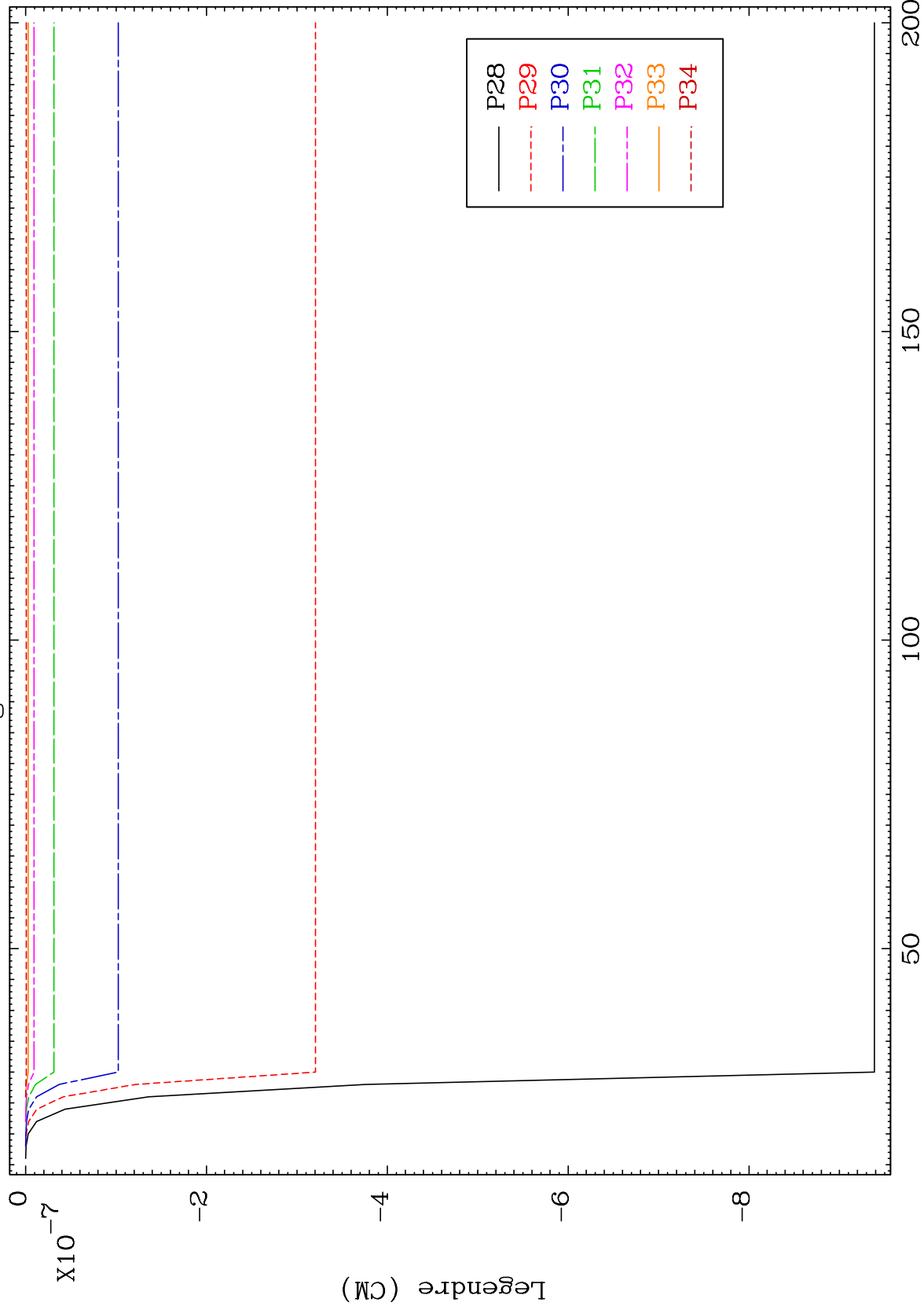


MAT 4616

MT= 55 (n,n') Level

46-Pd-99

Legendre Coefficients



38

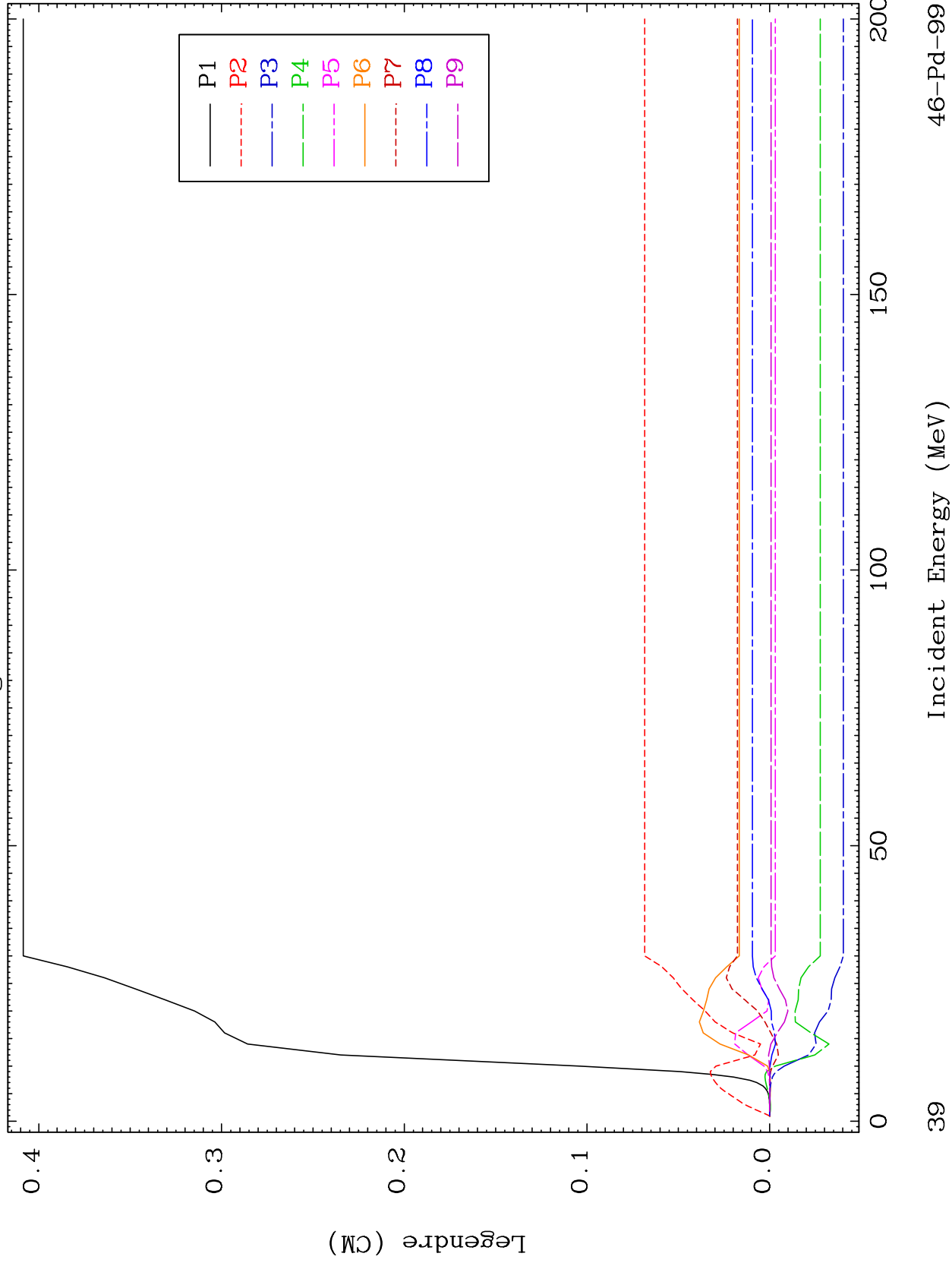
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



39

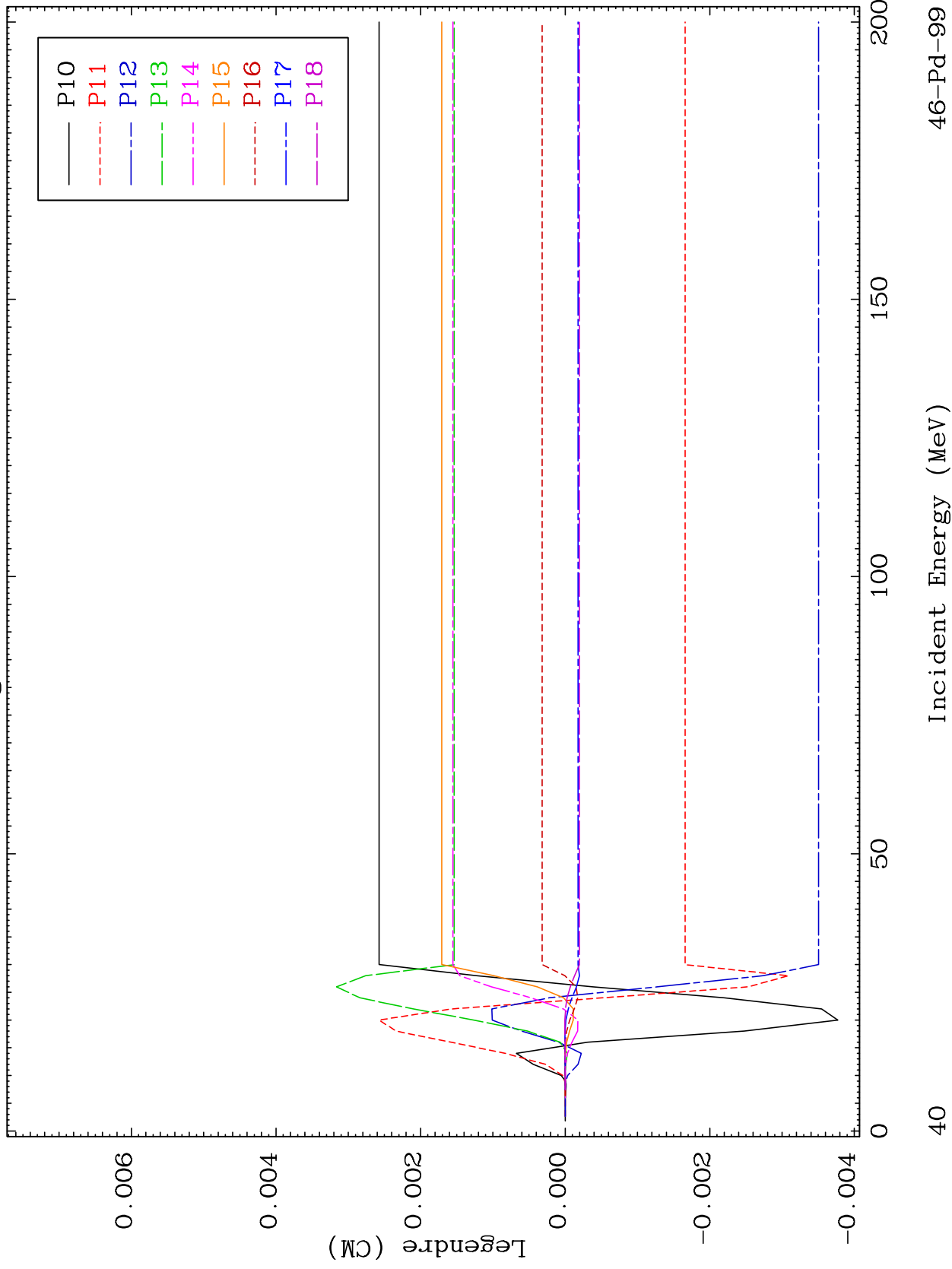
Incident Energy (MeV)

46-Pd-99

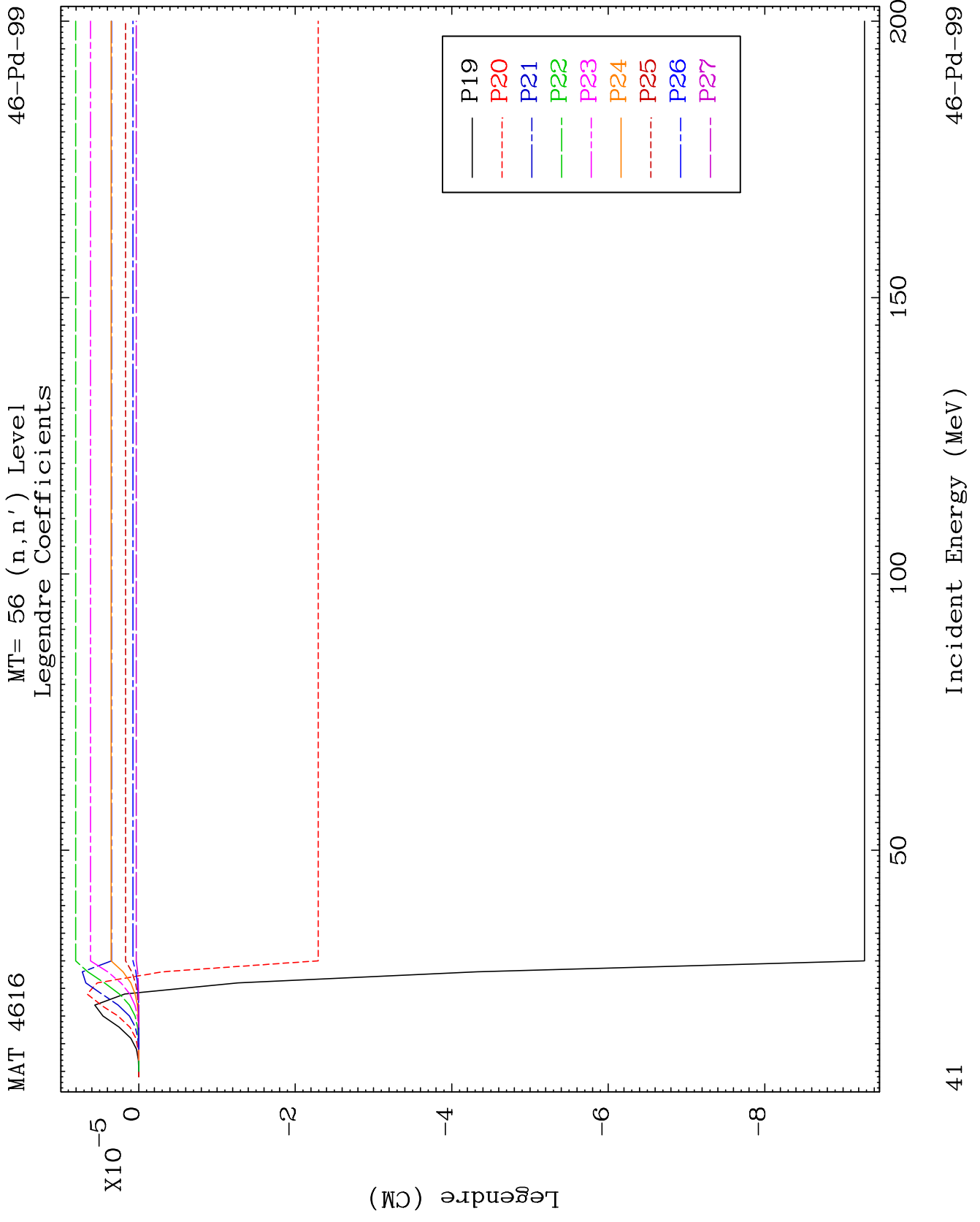
MAT 4616

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

46-Pd-99



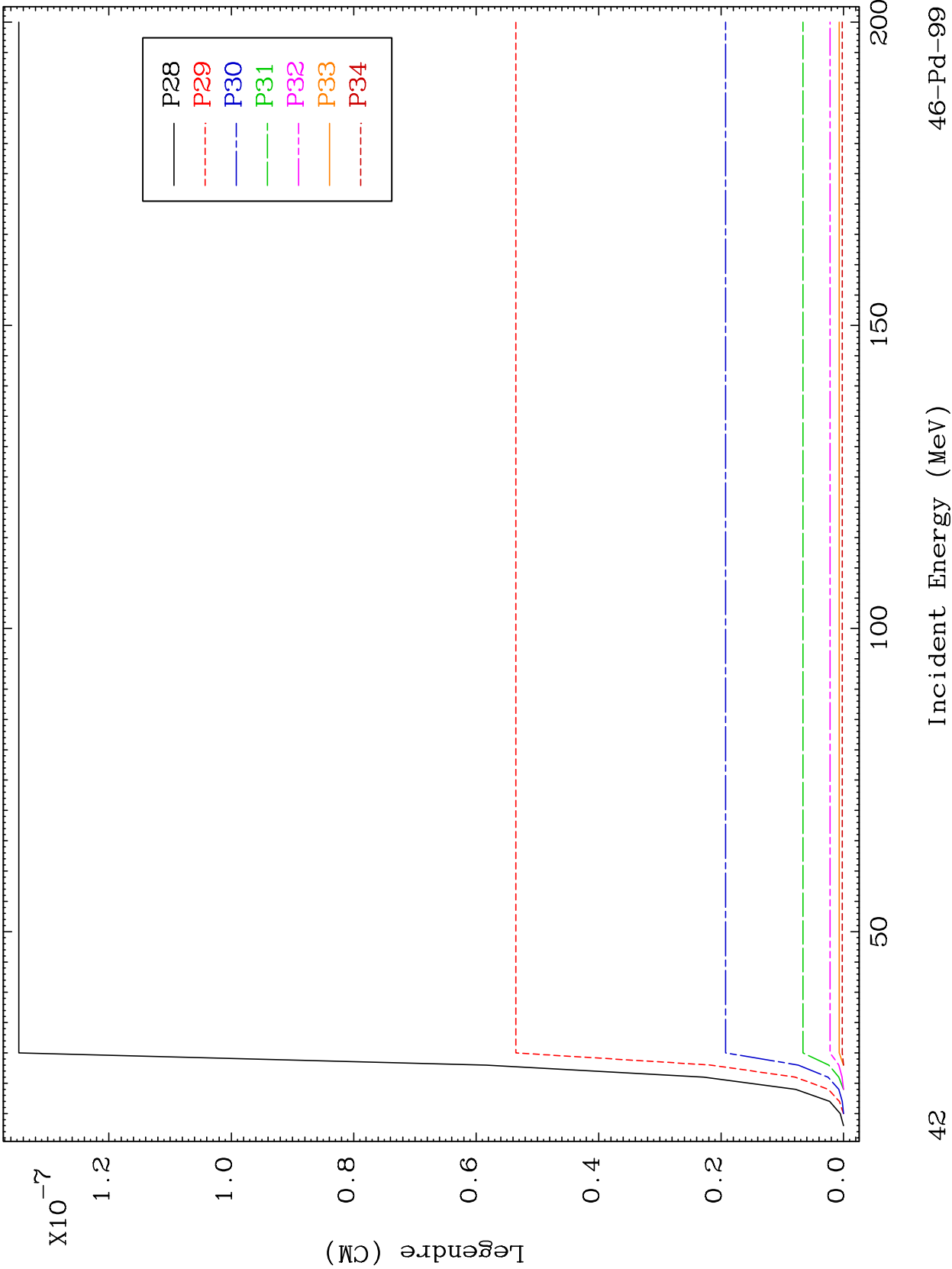
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MAT 4616

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

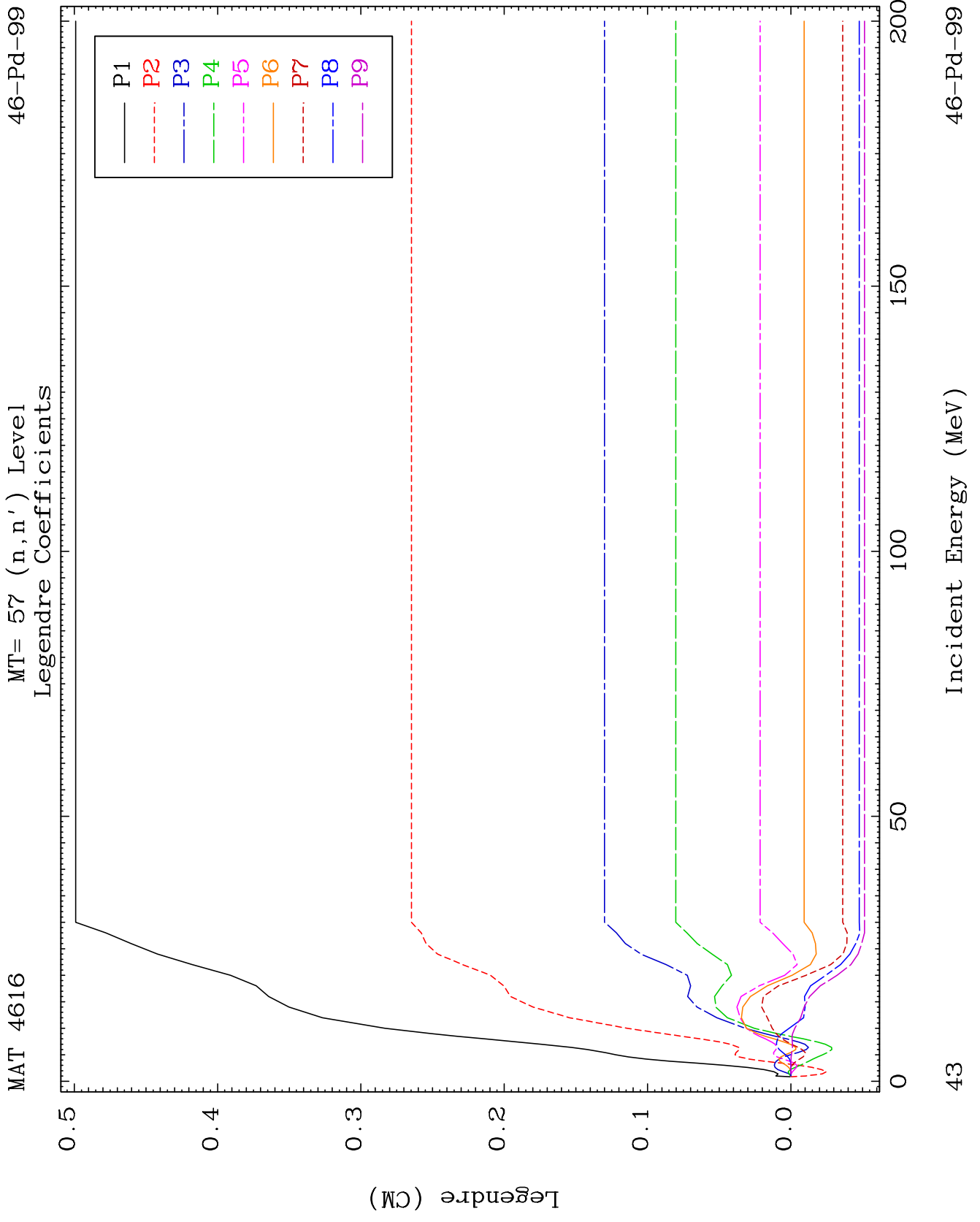
46-Pd-99



42

Incident Energy (MeV)

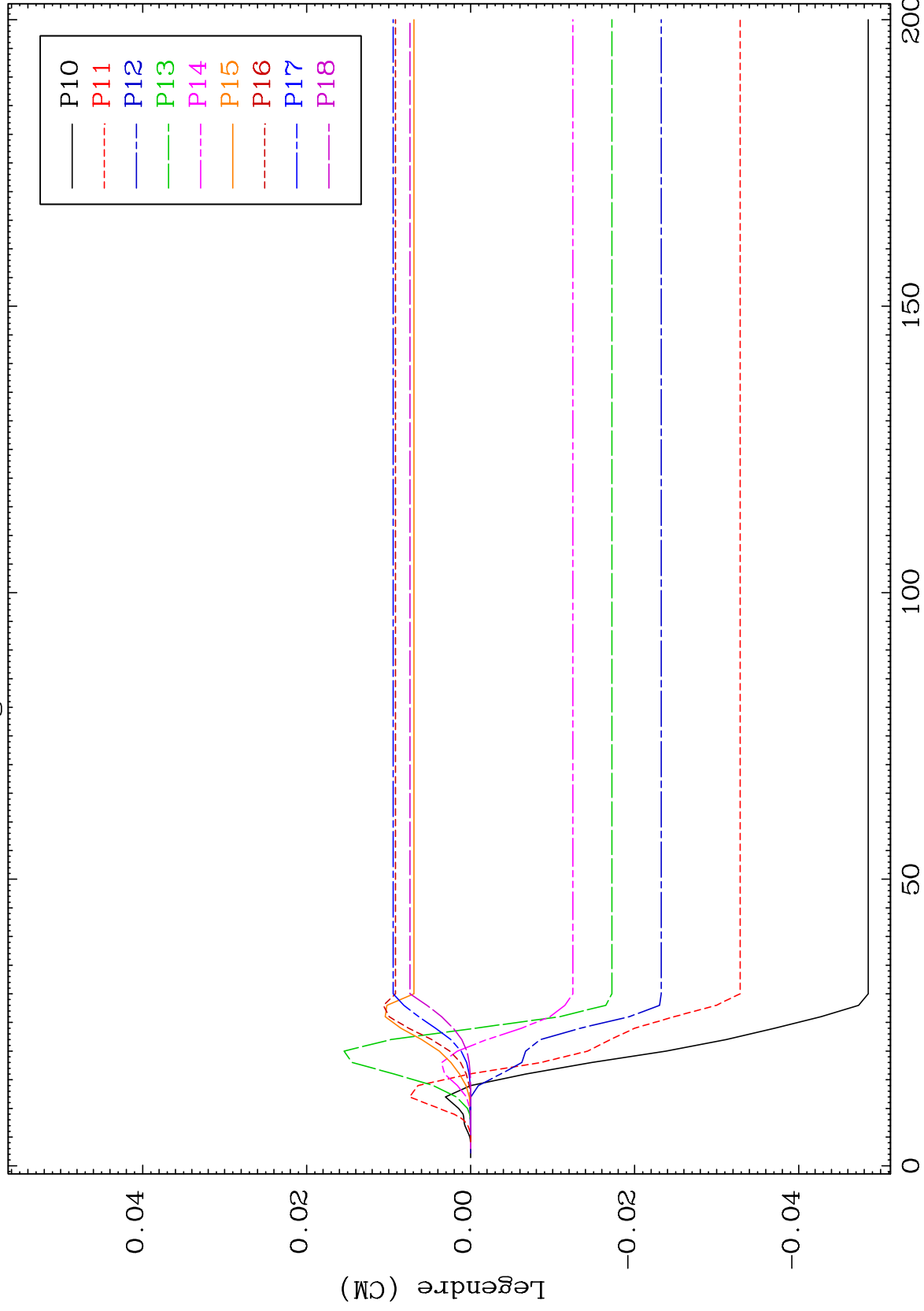
46-Pd-99



MAT 4616

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

46-Pd-99



44

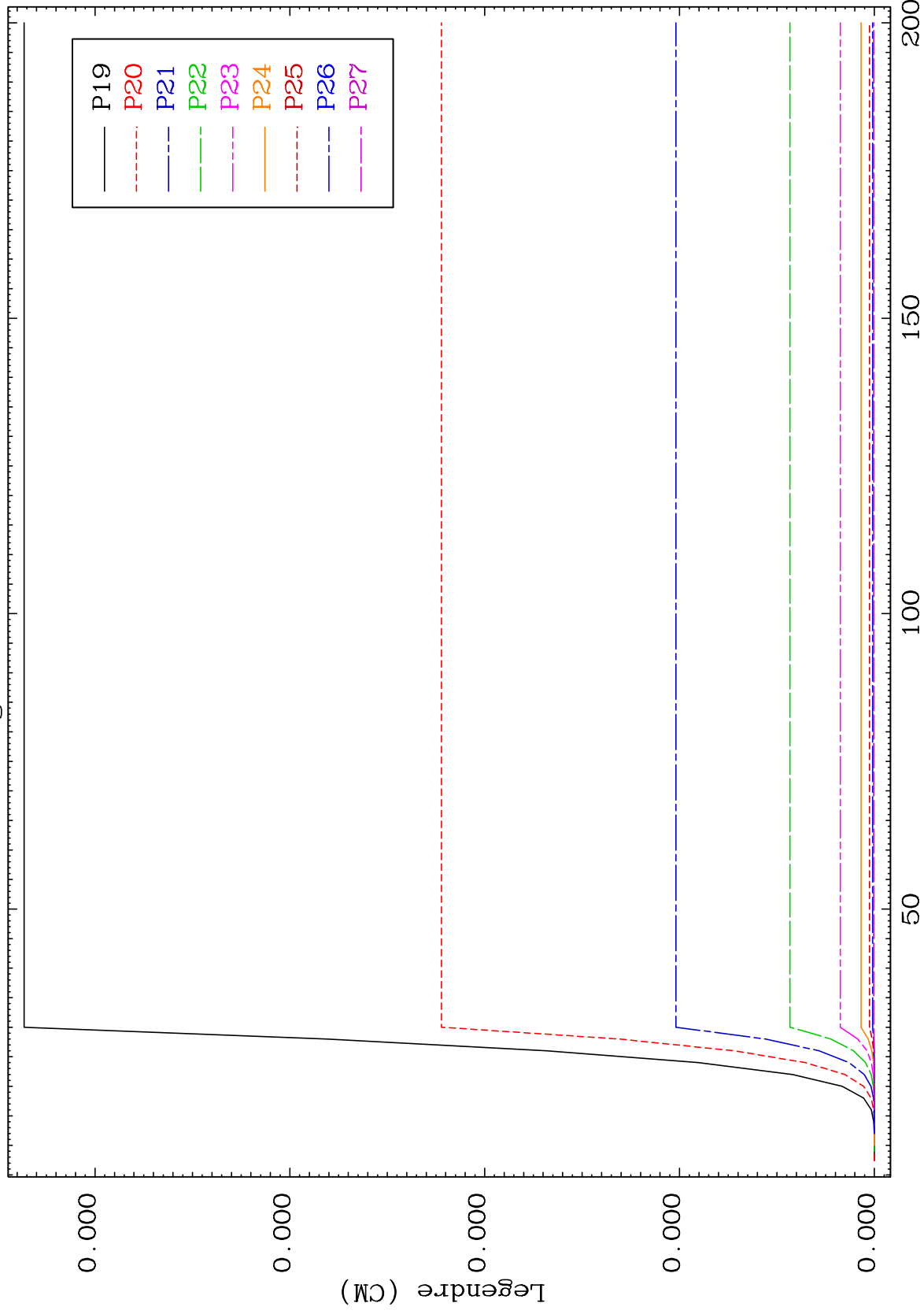
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

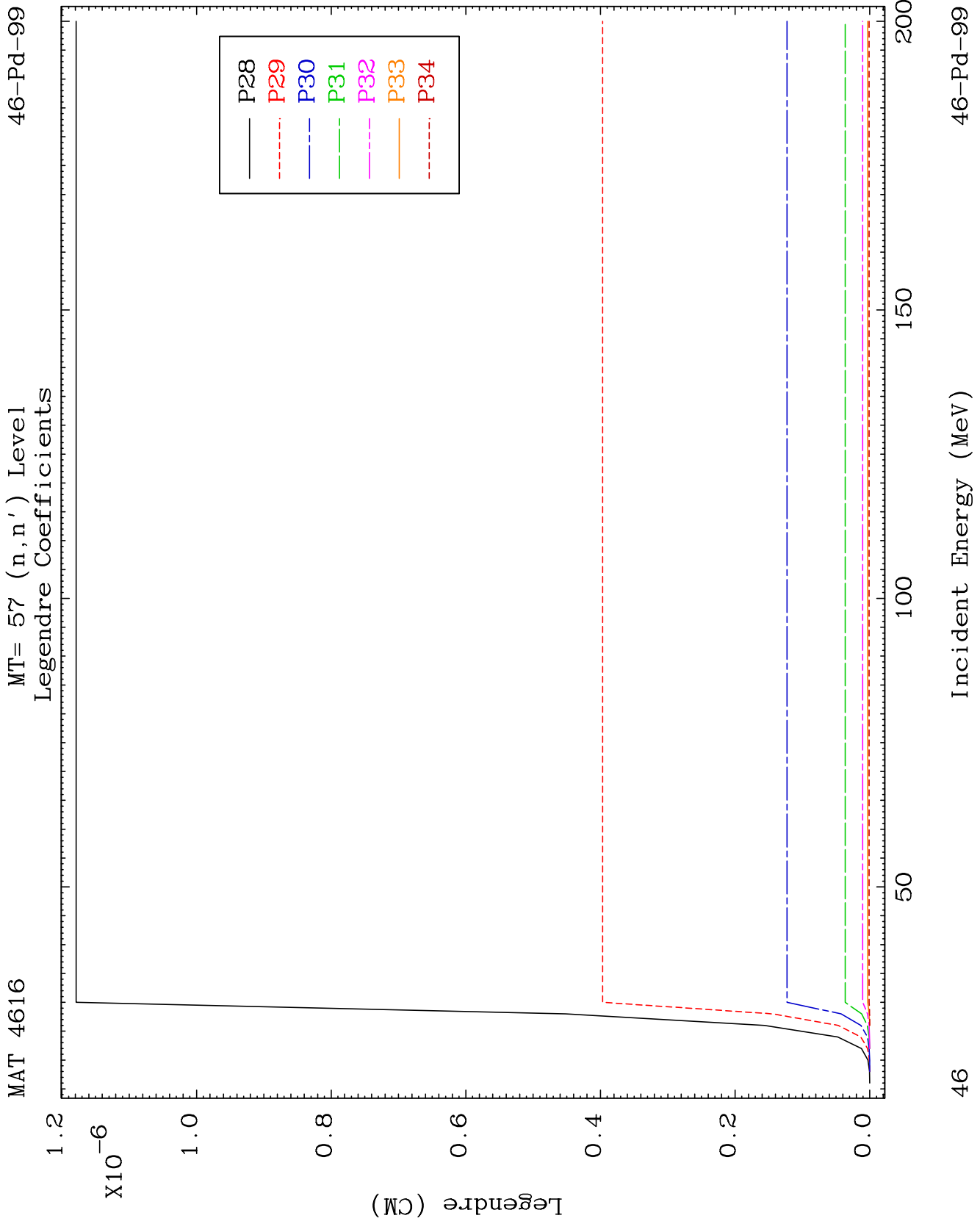
46-Pd-99



45

Incident Energy (MeV)

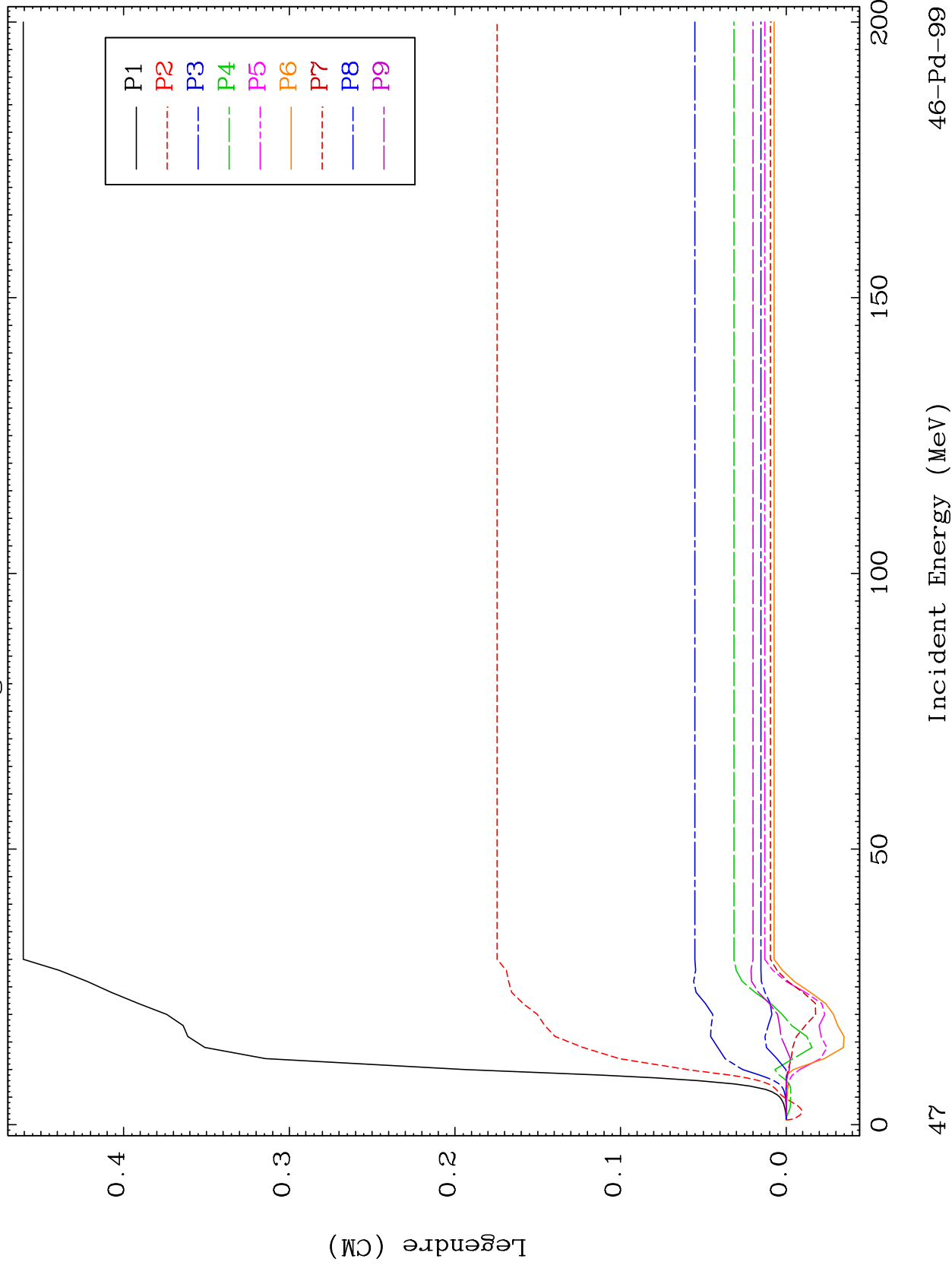
46-Pd-99



MAT 4616

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

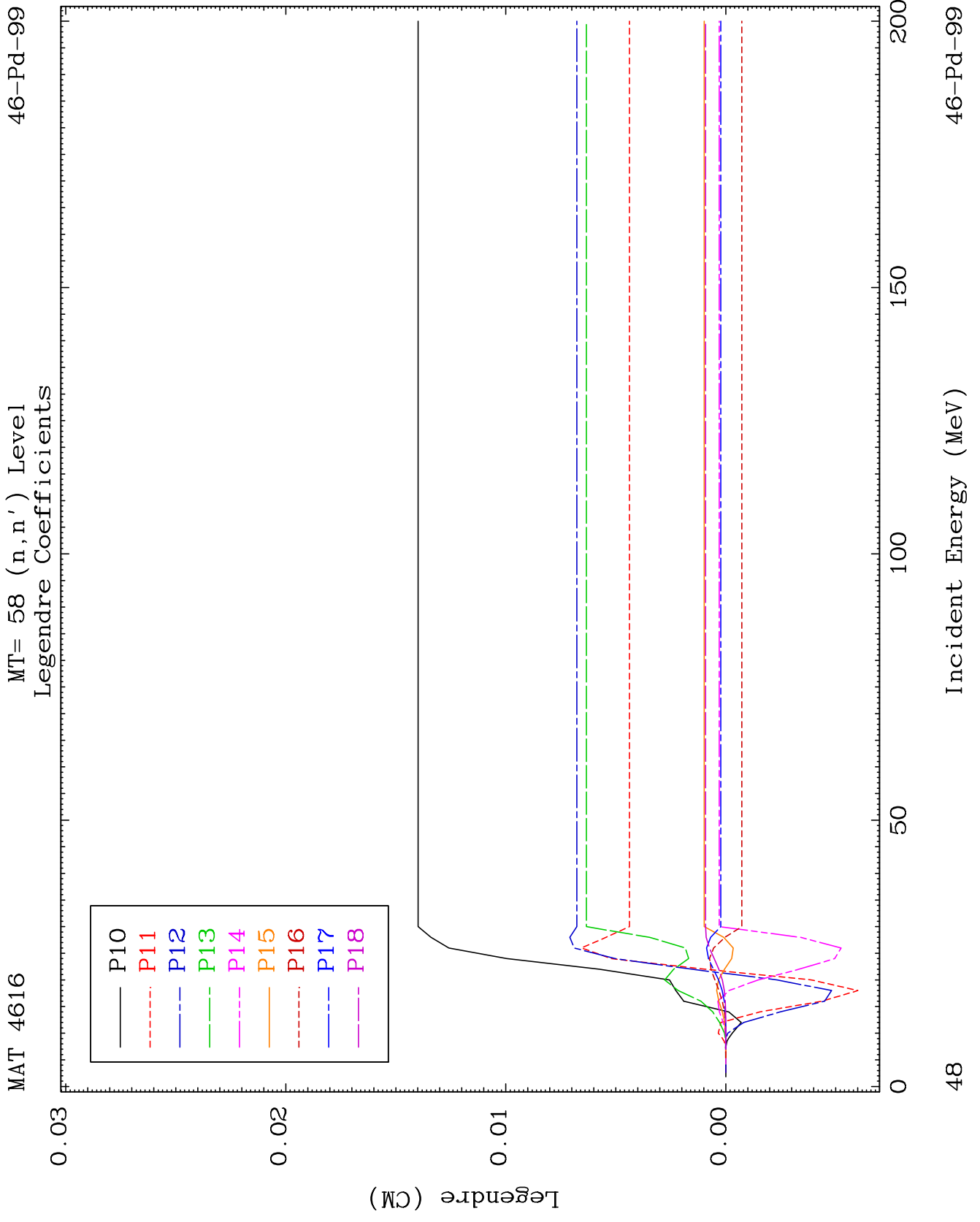
46-Pd-99



47

Incident Energy (MeV)

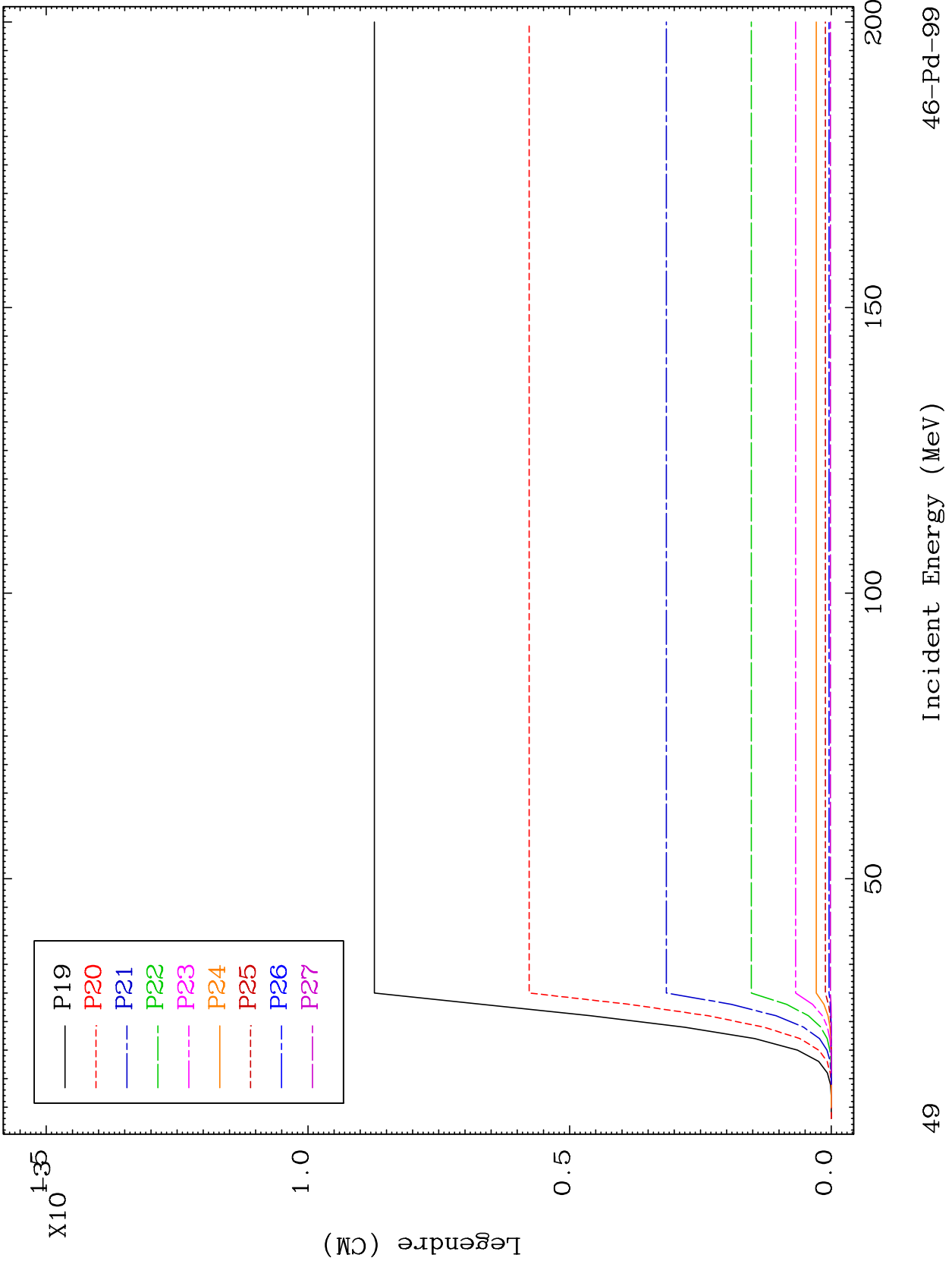
46-Pd-99



MAT 4616

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

46-Pd-99



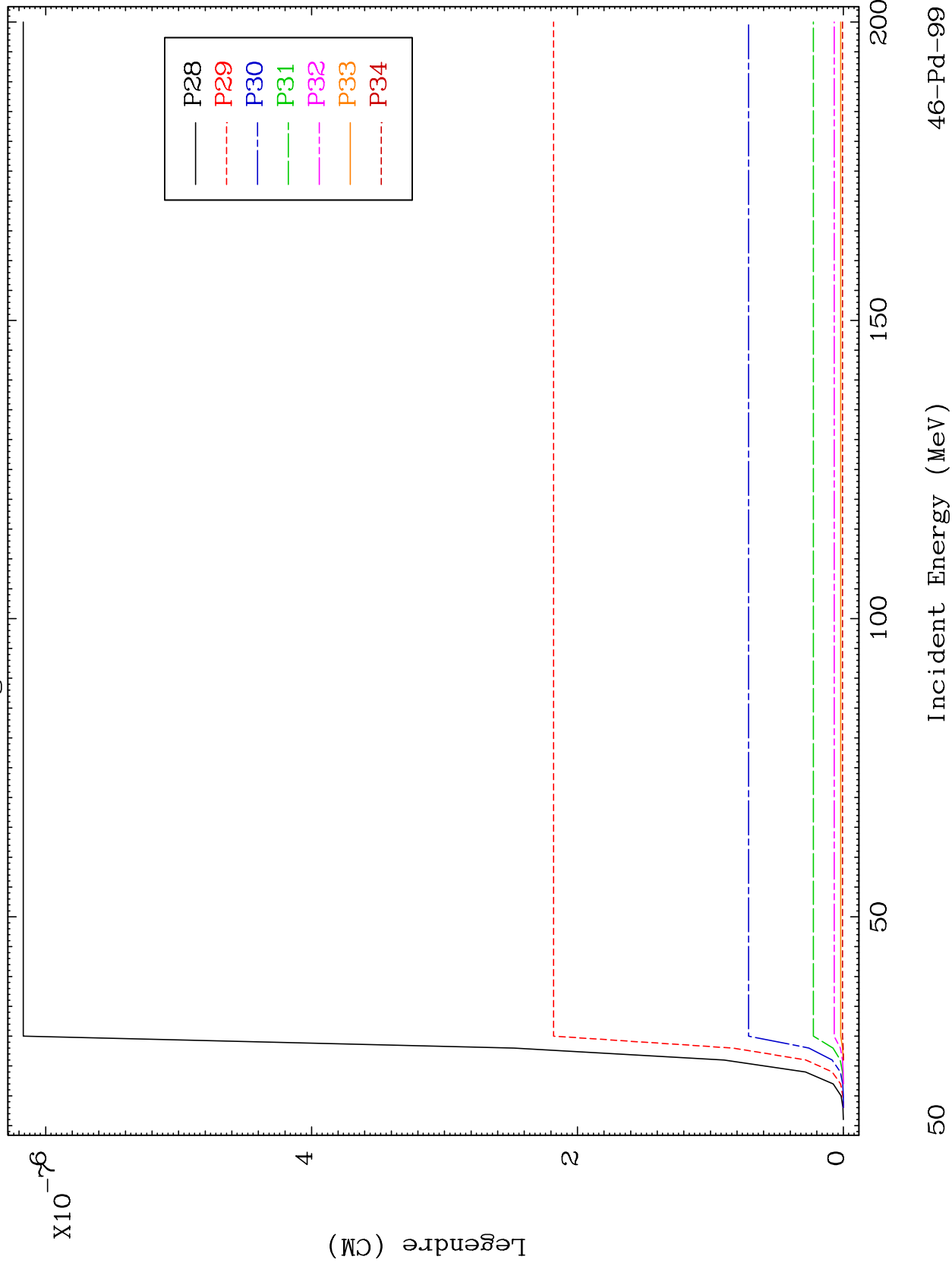
49

46-Pd-99

MAT 4616

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

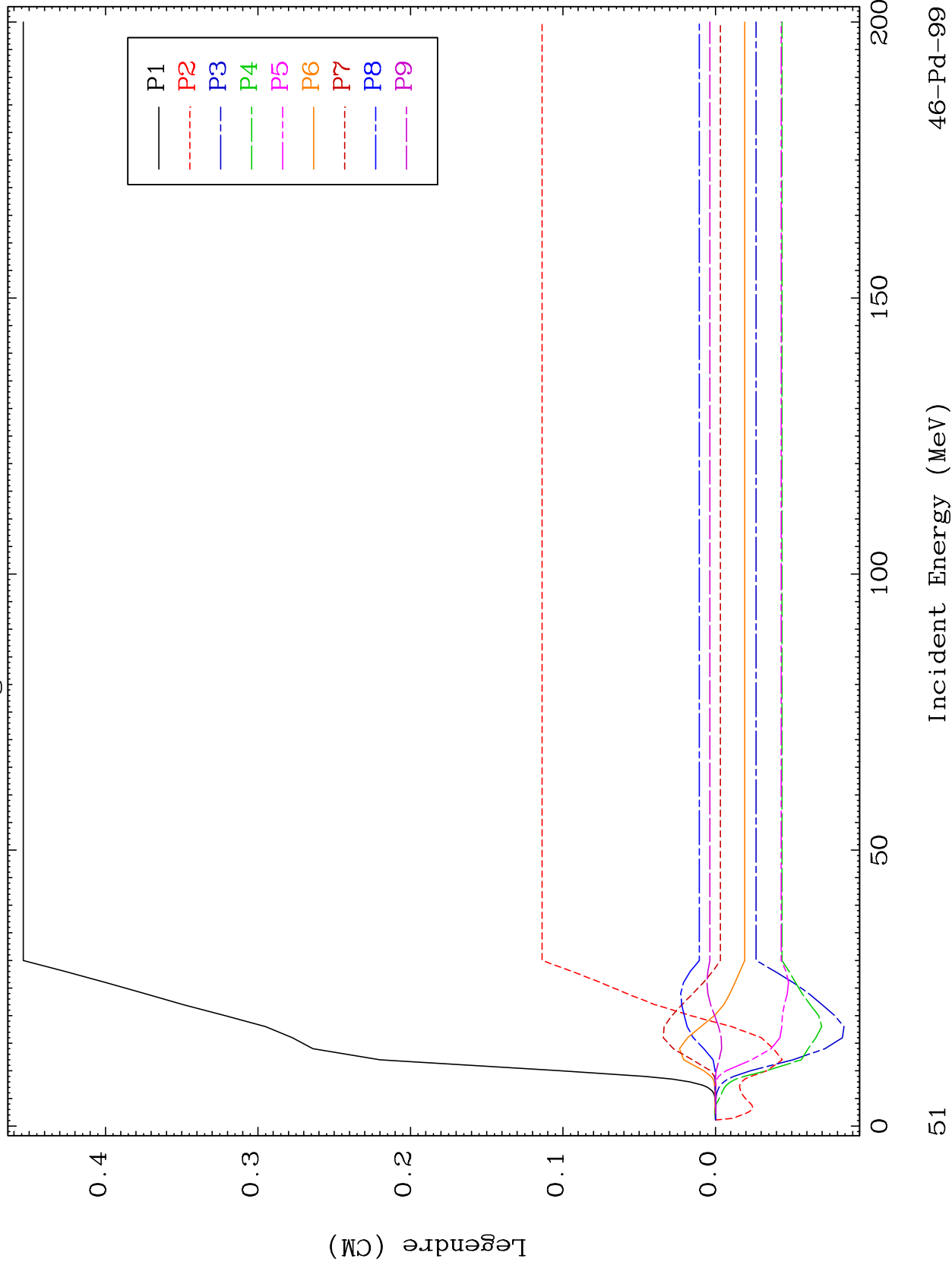
46-Pd-99



MAT 4616

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

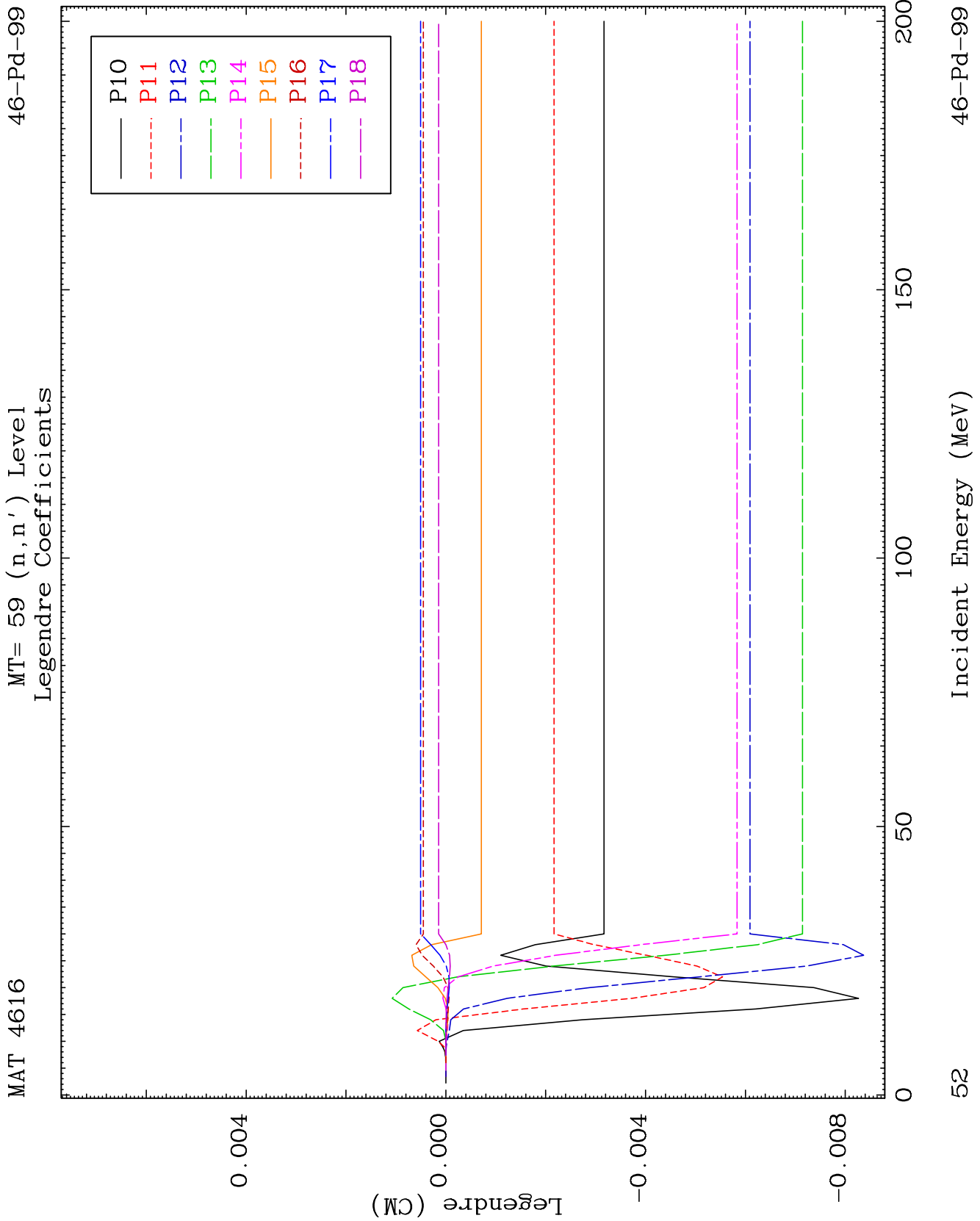
46-Pd-99



51

Incident Energy (MeV)

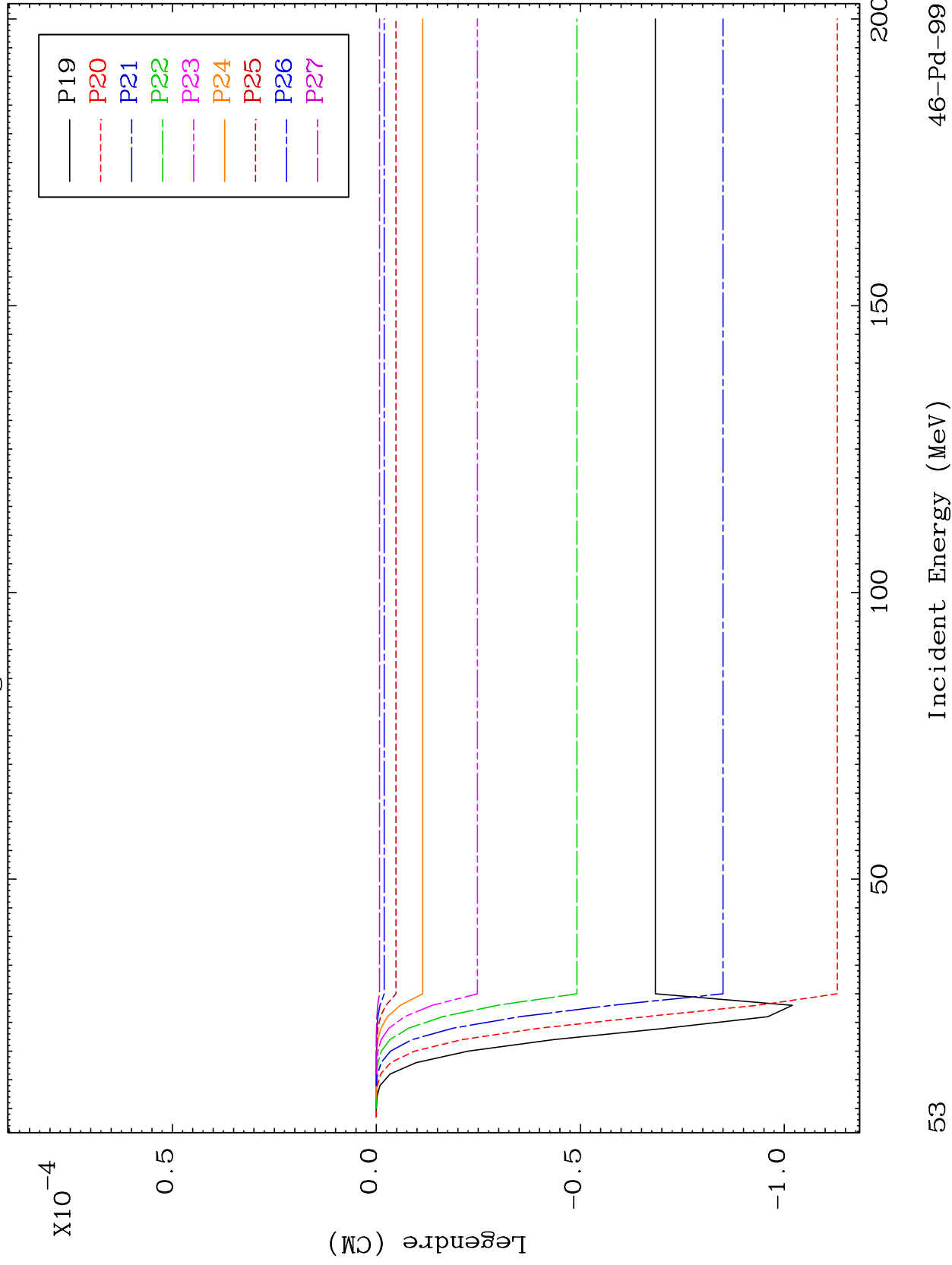
46-Pd-99



MAT 4616

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

46-Pd-99

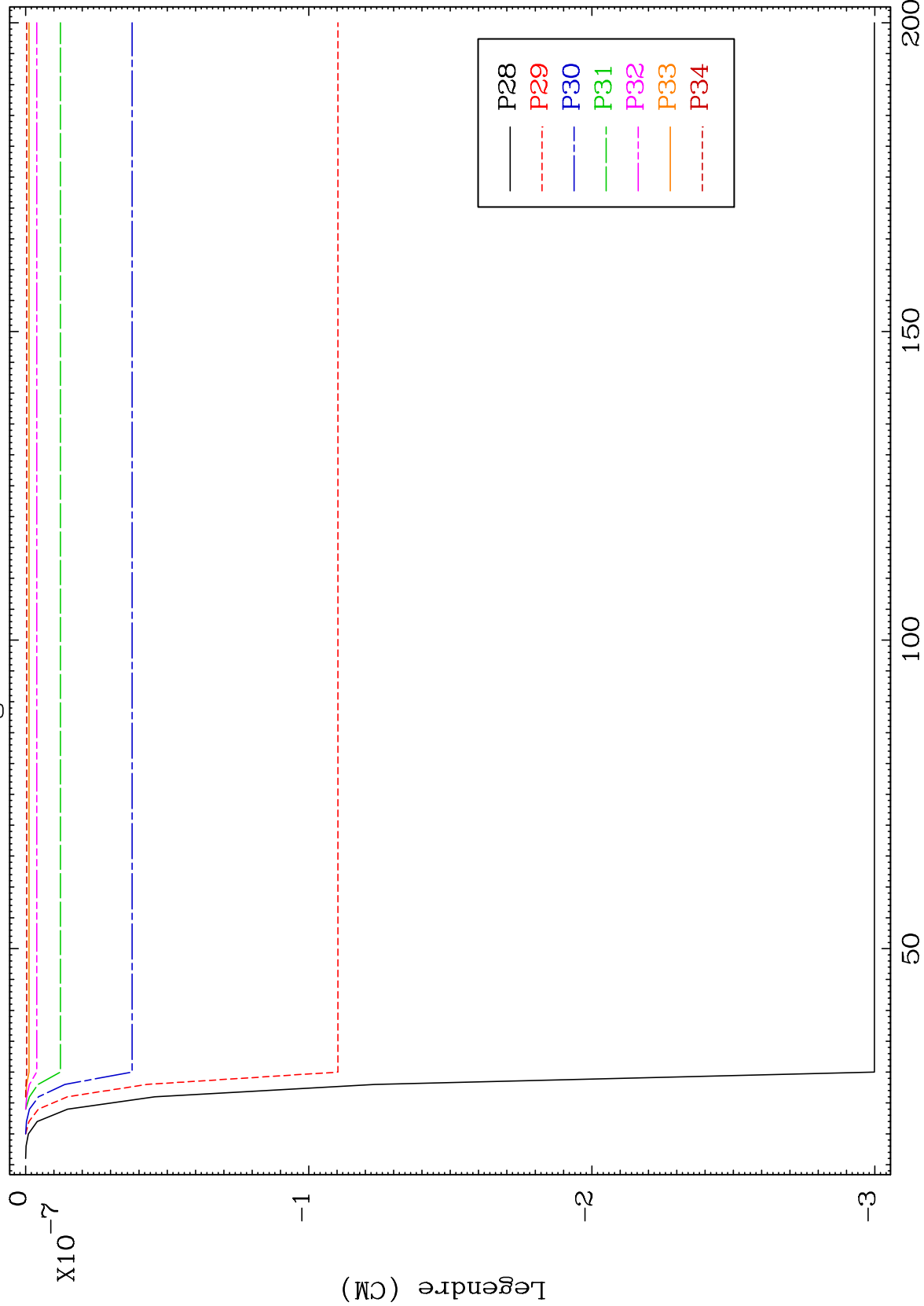


MAT 4616

MT= 59 (n,n') Level

46-Pd-99

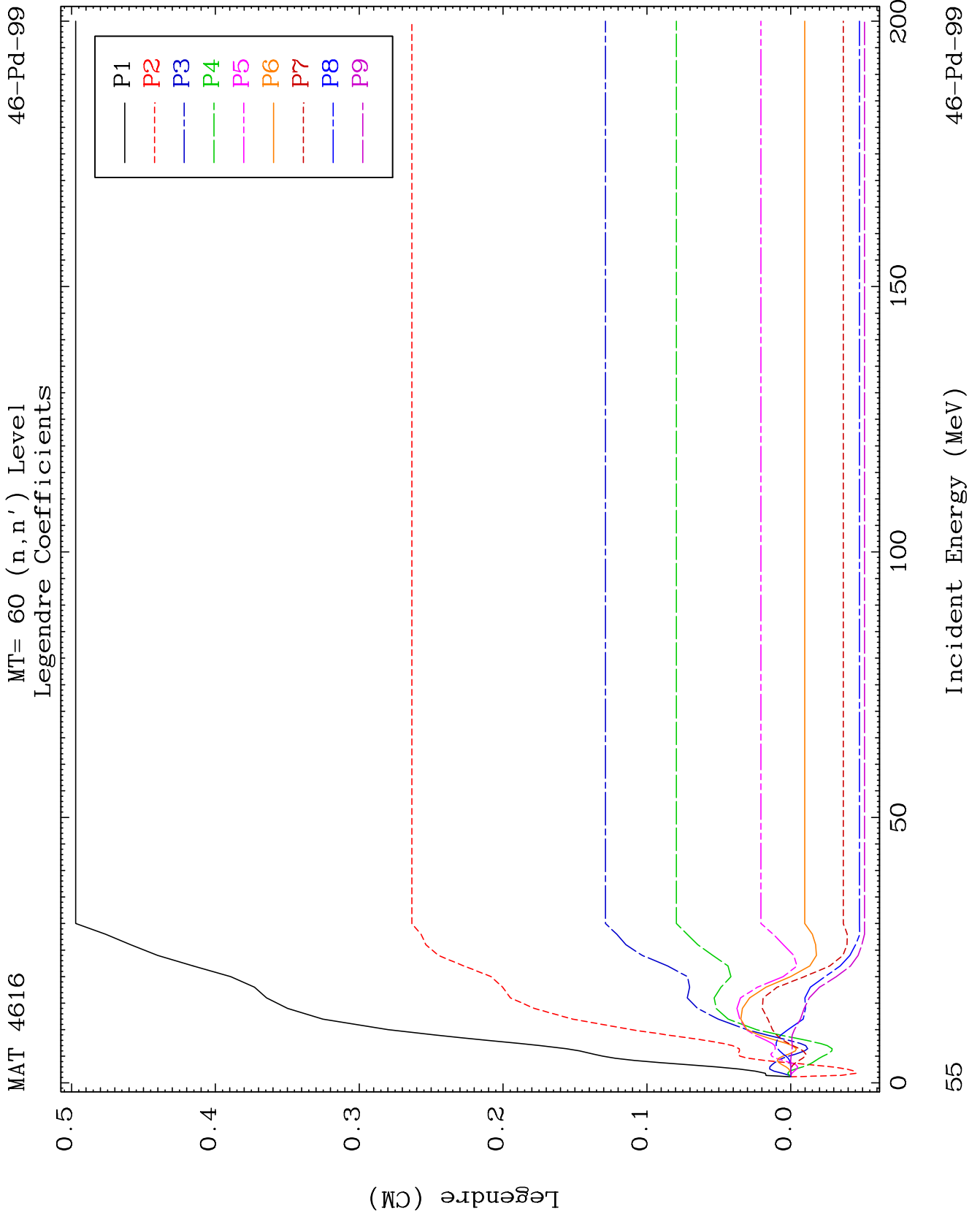
Legendre Coefficients



46-Pd-99

Incident Energy (MeV)

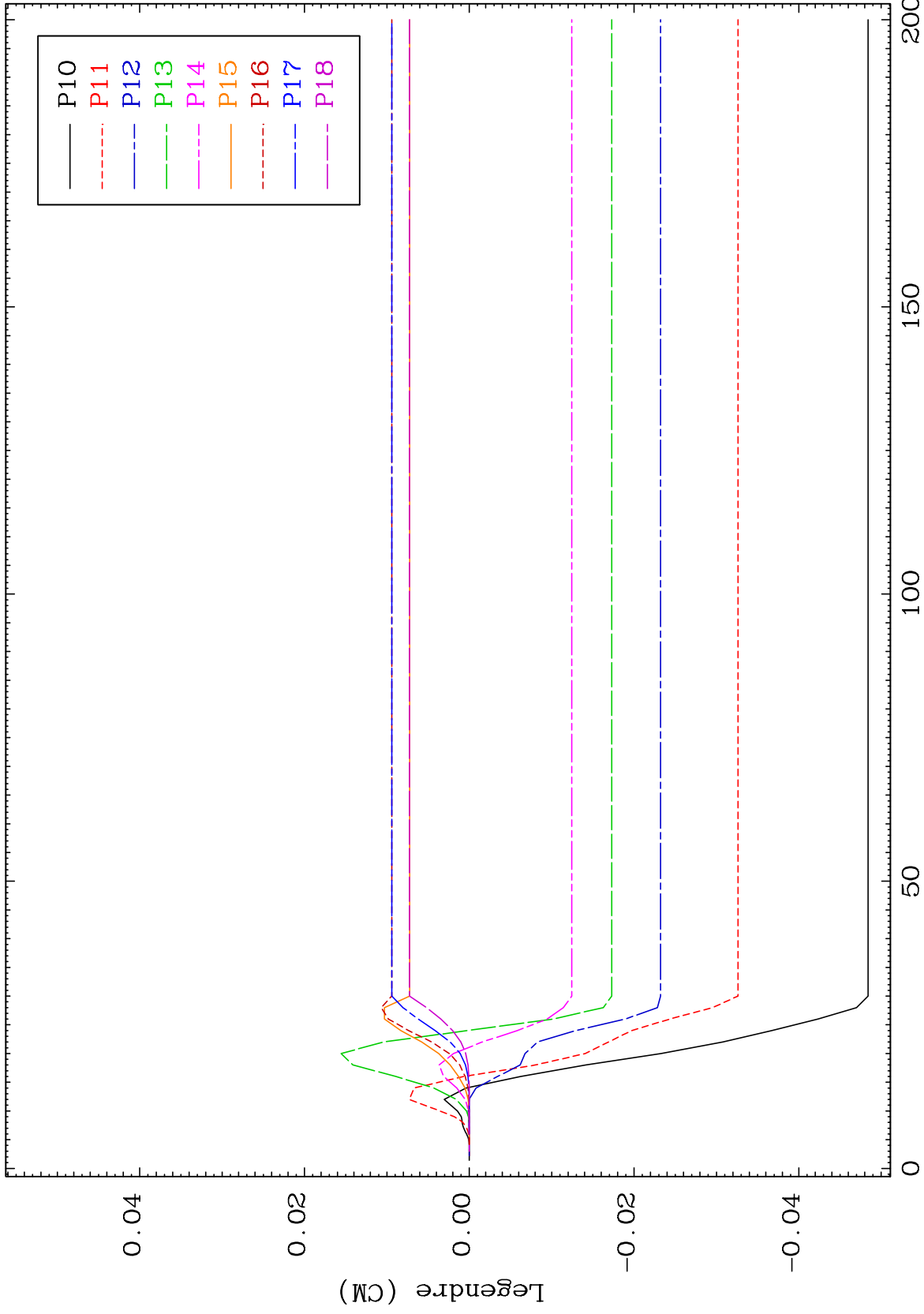
54



MAT 4616

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

46-Pd-99



56

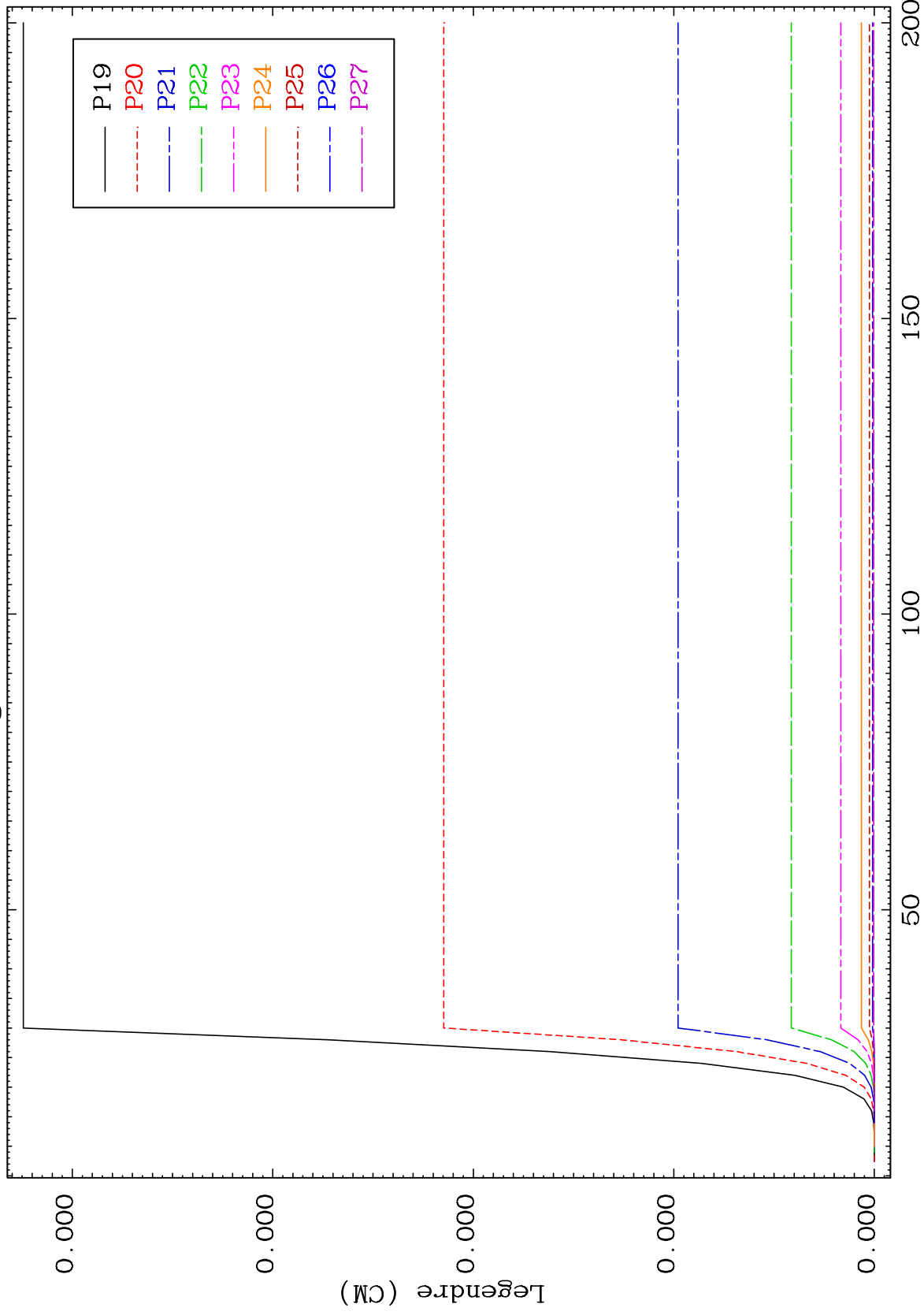
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



57

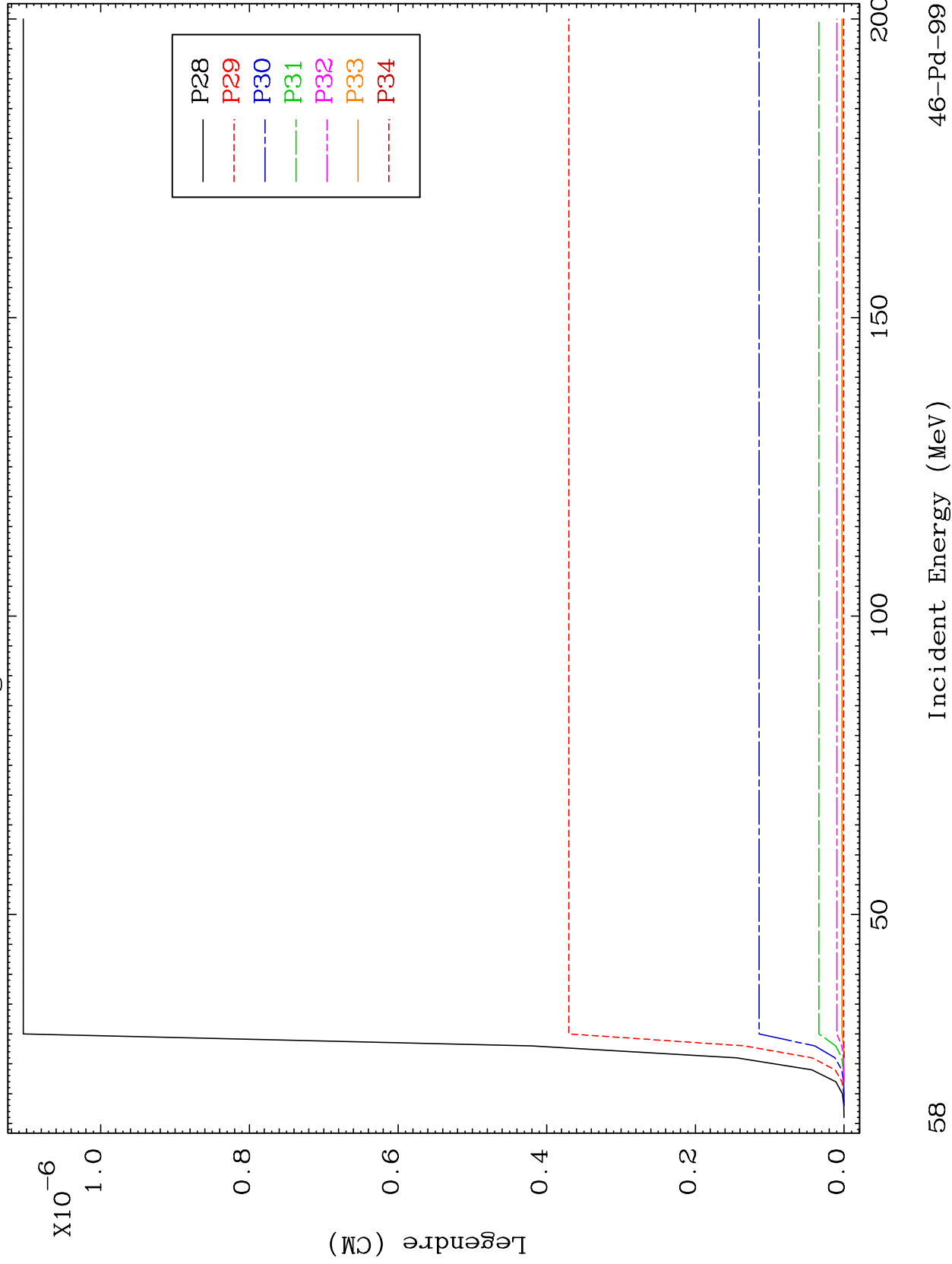
Incident Energy (MeV)

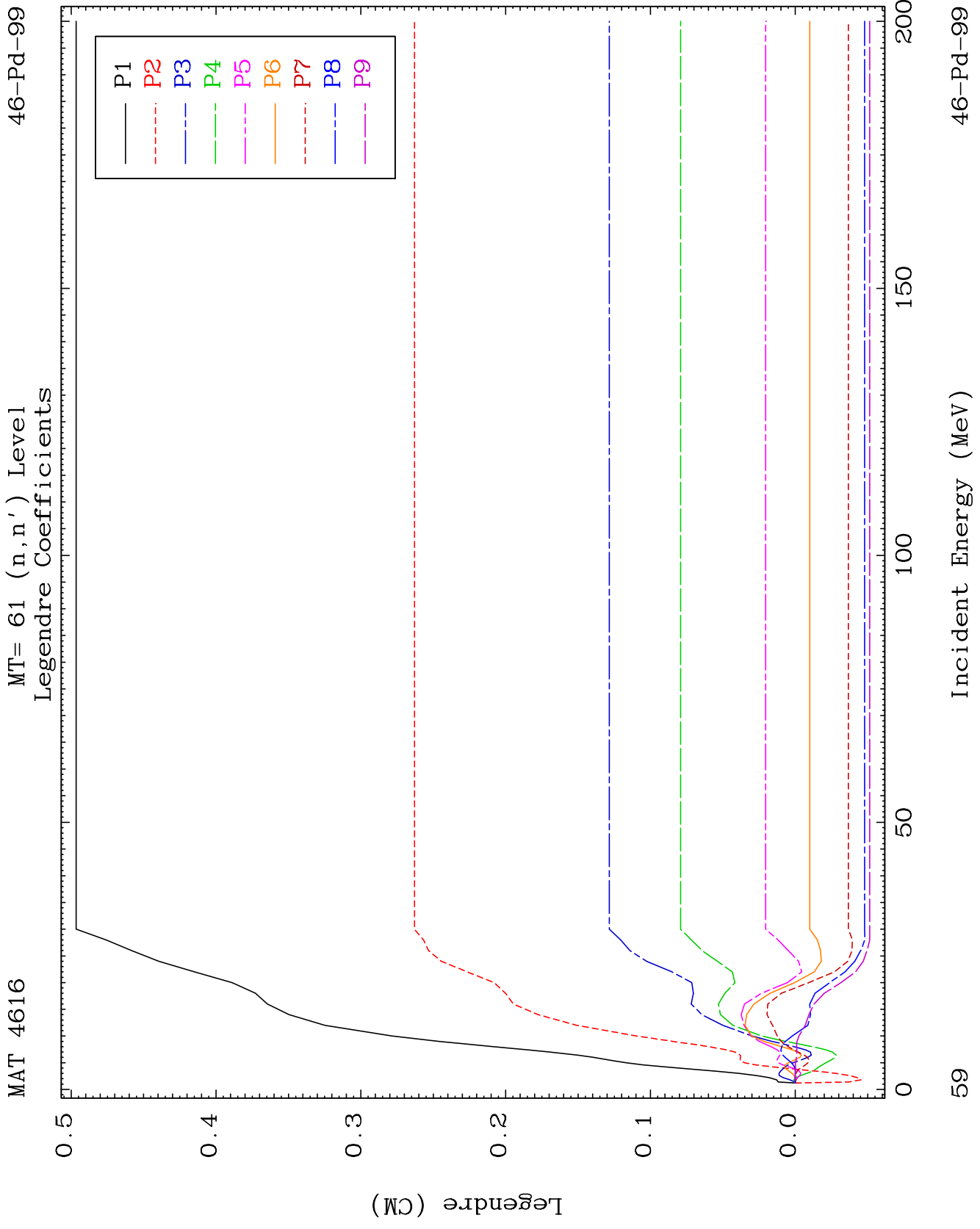
46-Pd-99

MAT 4616

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

46-Pd-99

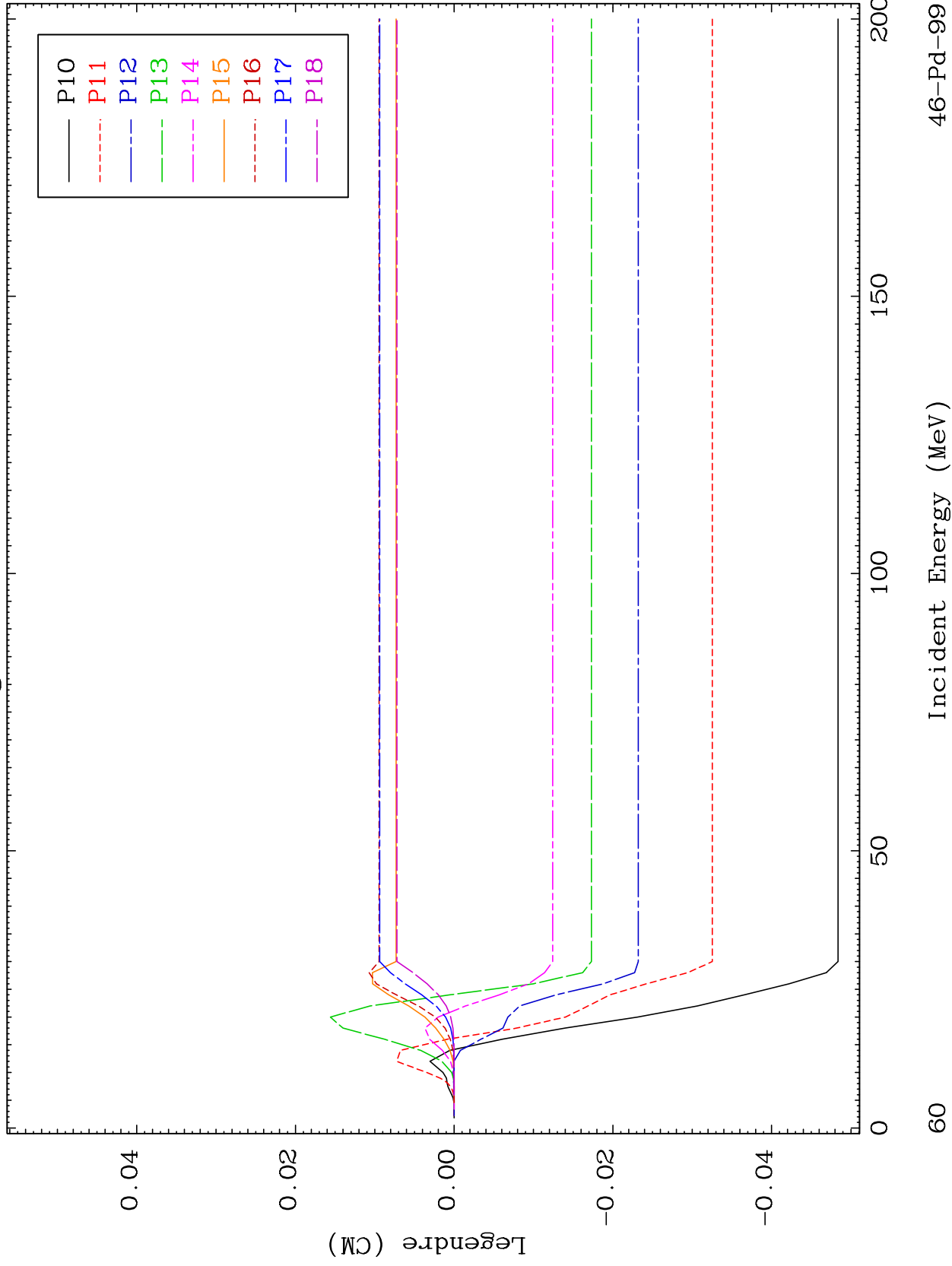




MAT 4616

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

46-Pd-99

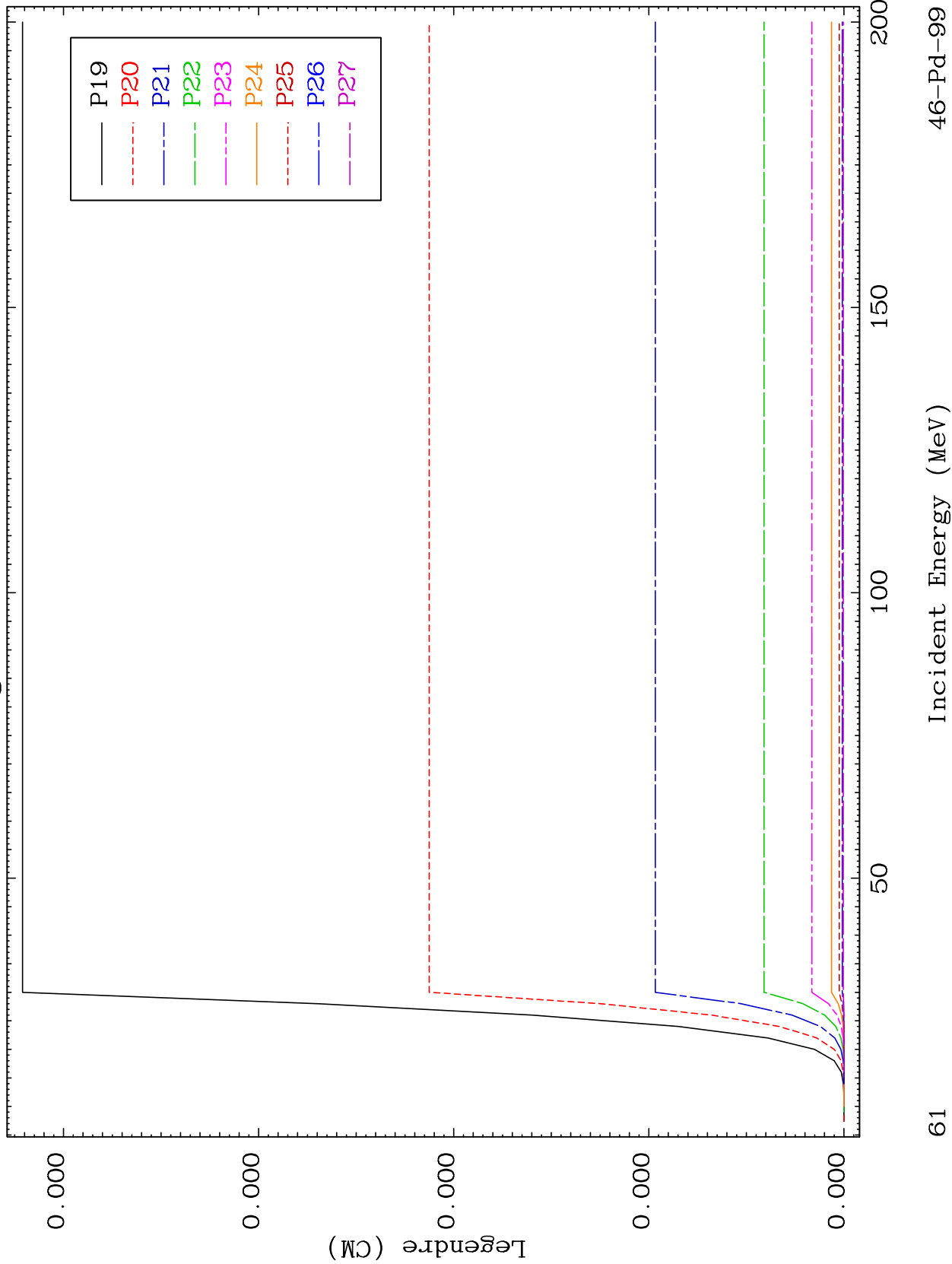


46-Pd-99

MAT 4616

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

46-Pd-99



61

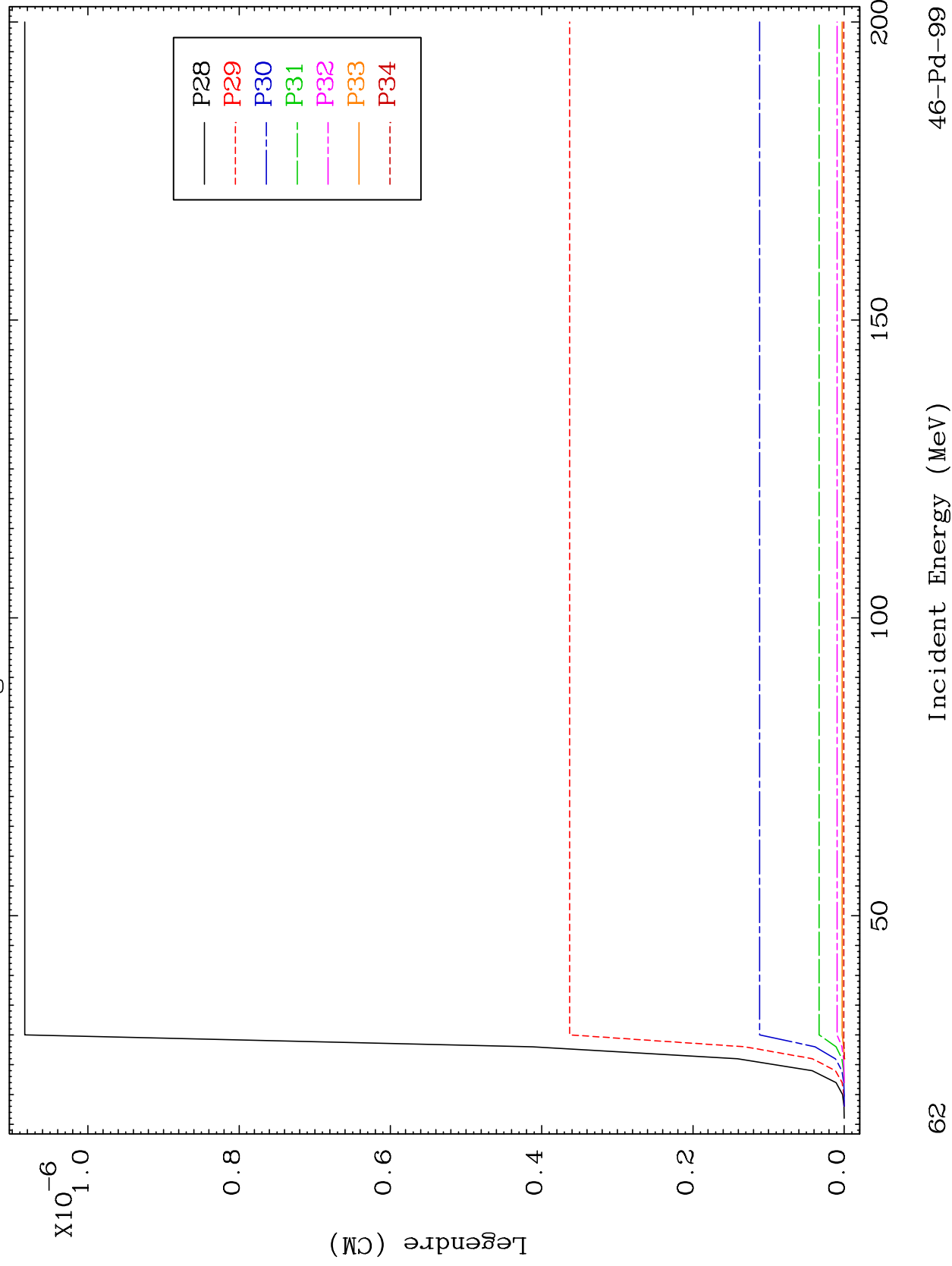
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

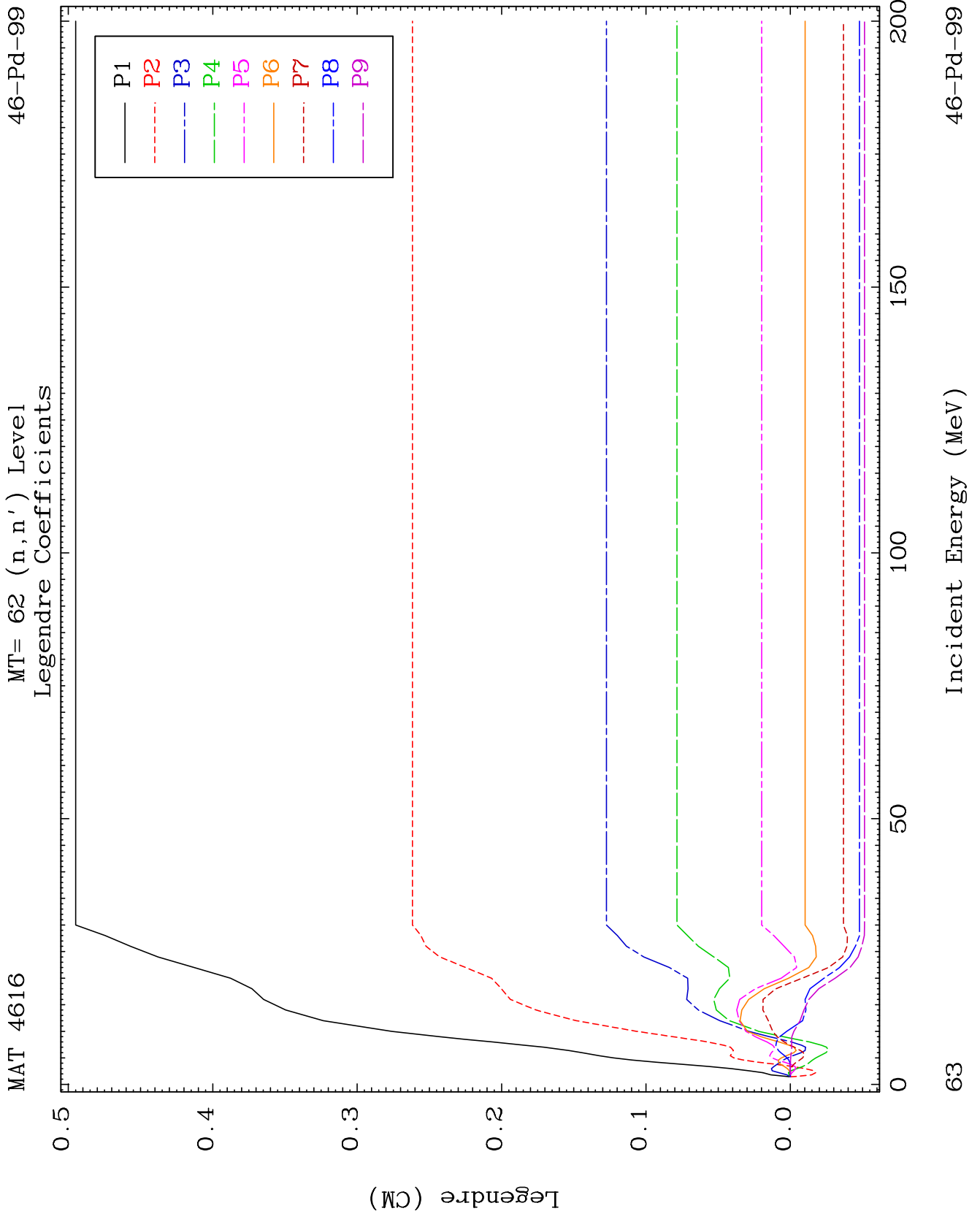
46-Pd-99



62

Incident Energy (MeV)

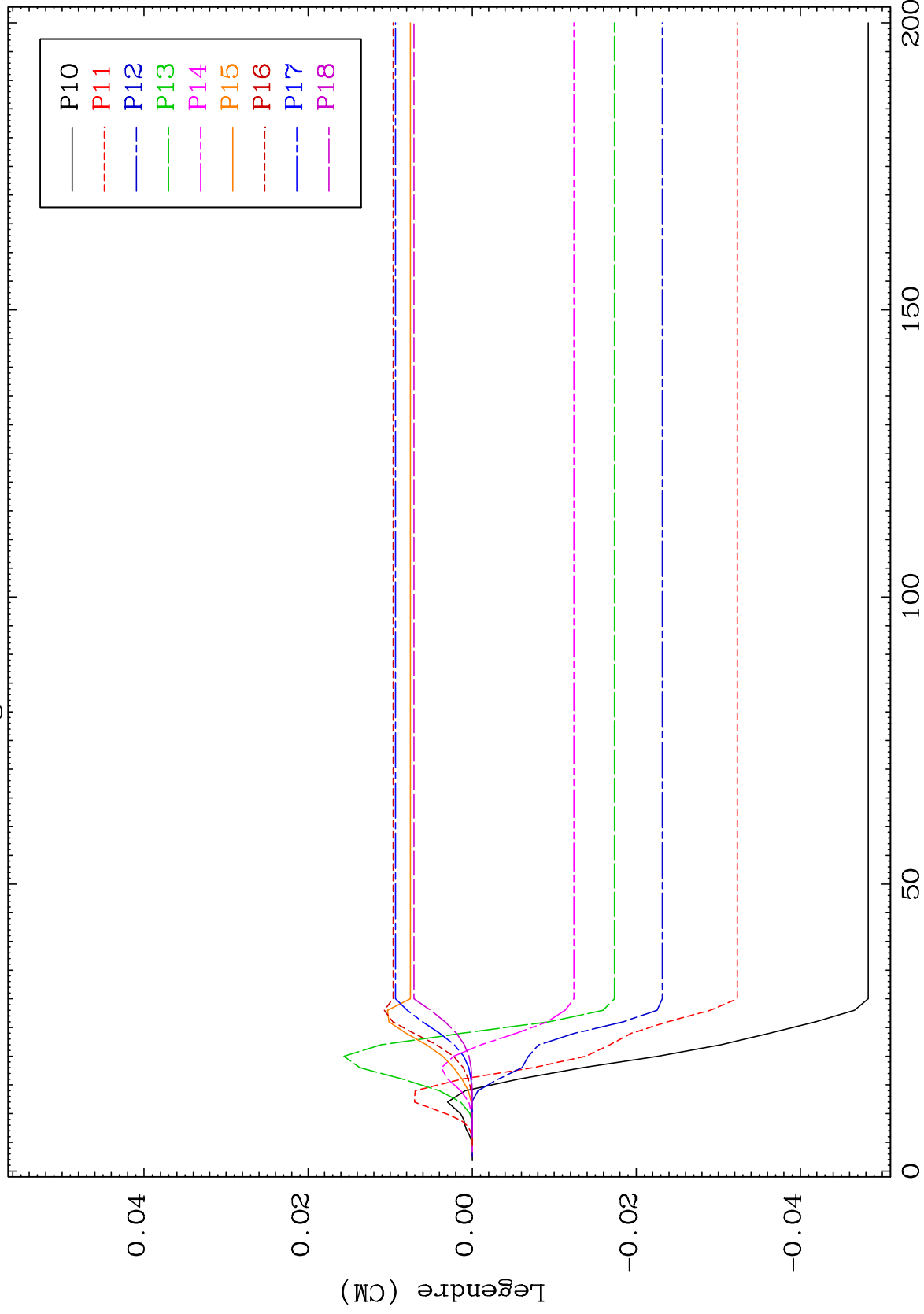
46-Pd-99



MAT 4616

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

46-Pd-99



64

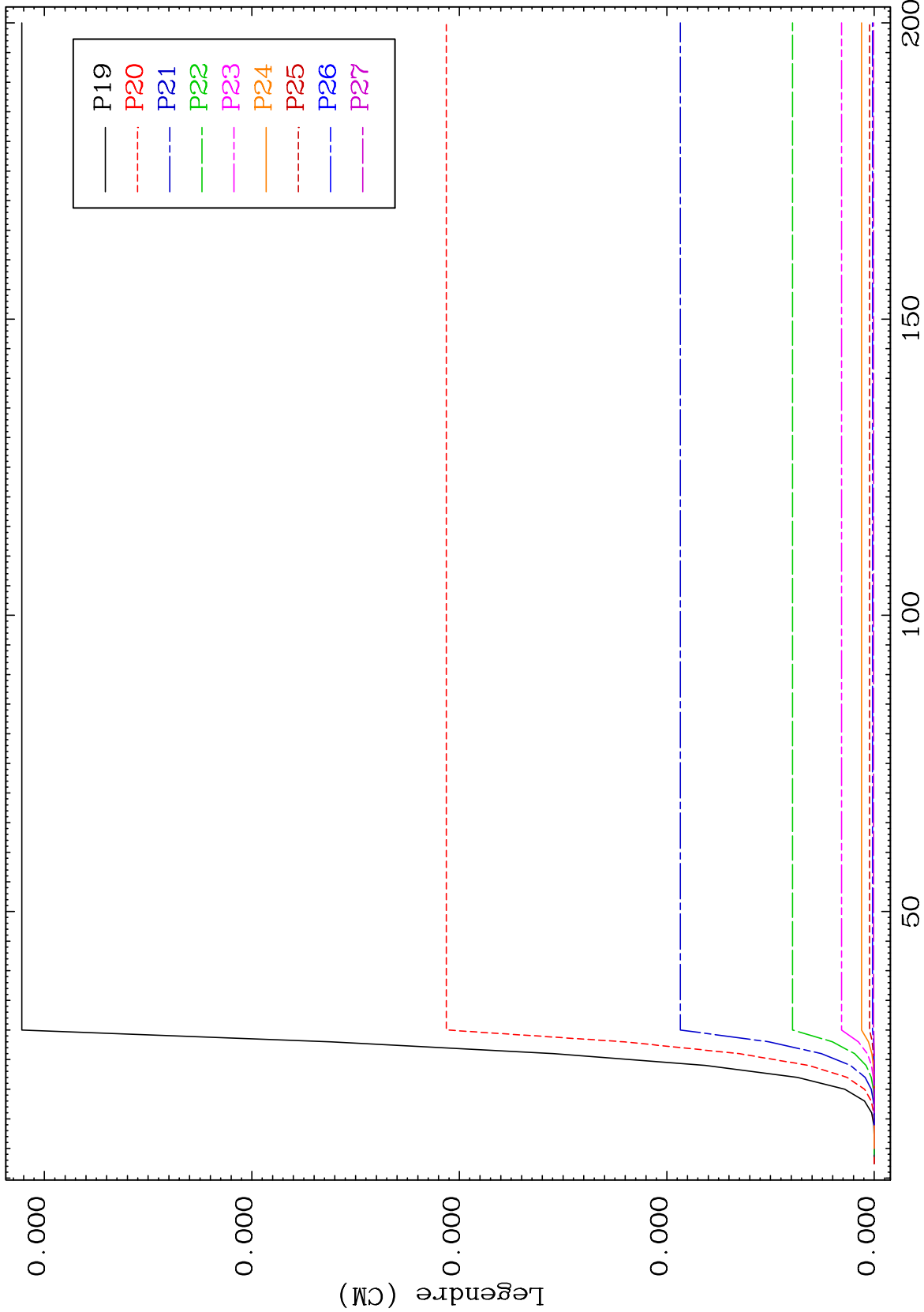
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



65

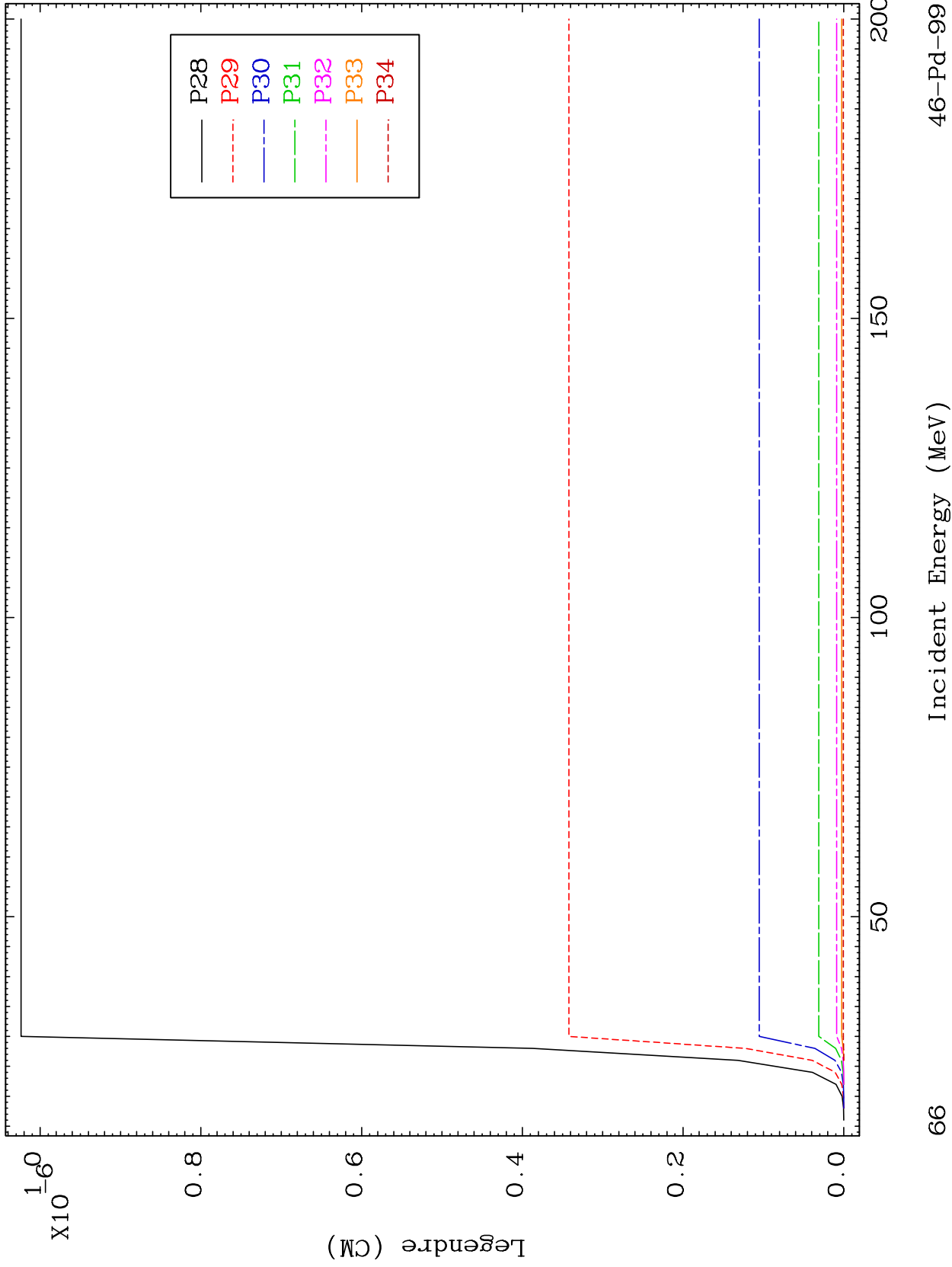
Incident Energy (MeV)

46-Pd-99

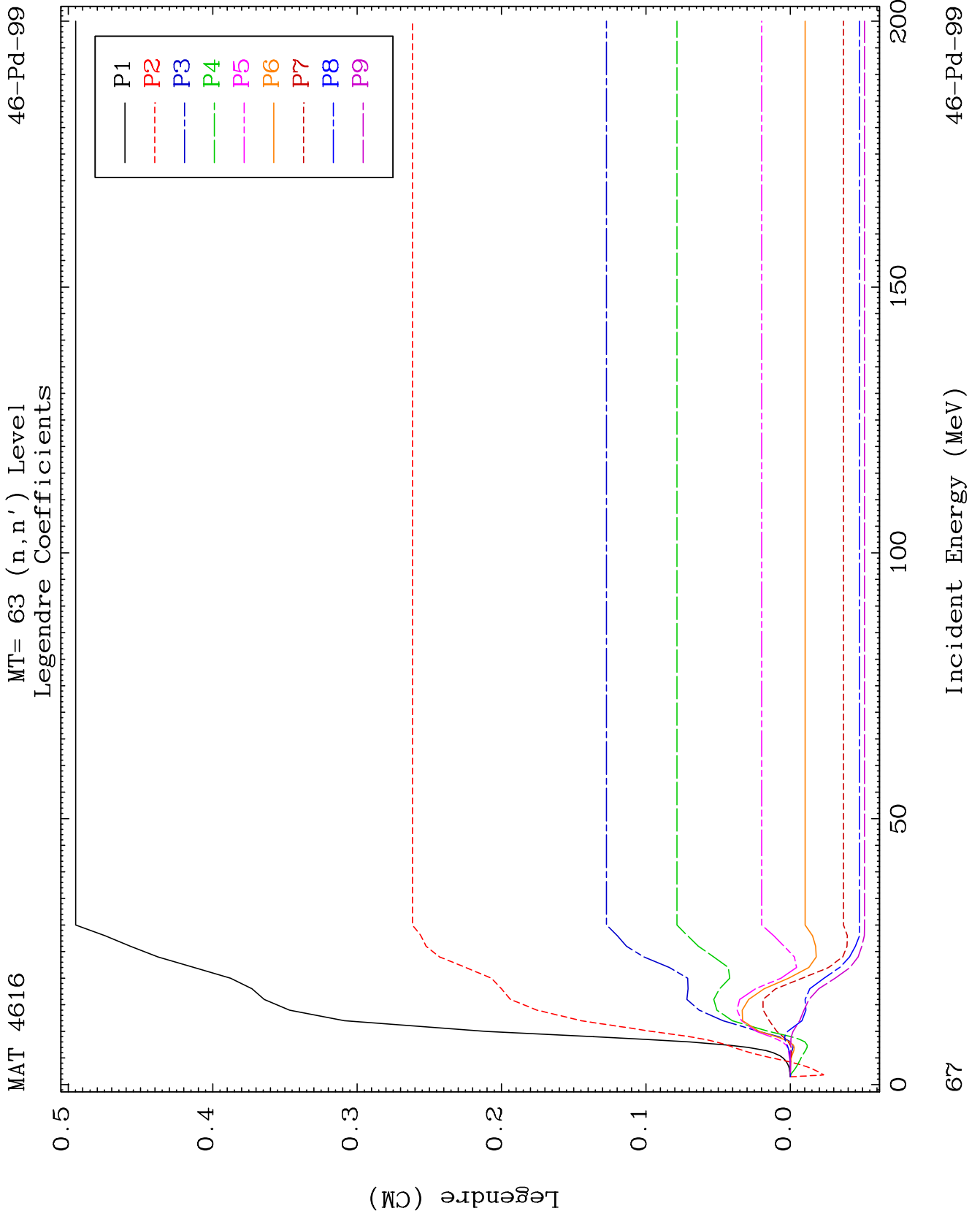
MAT 4616

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

46-Pd-99



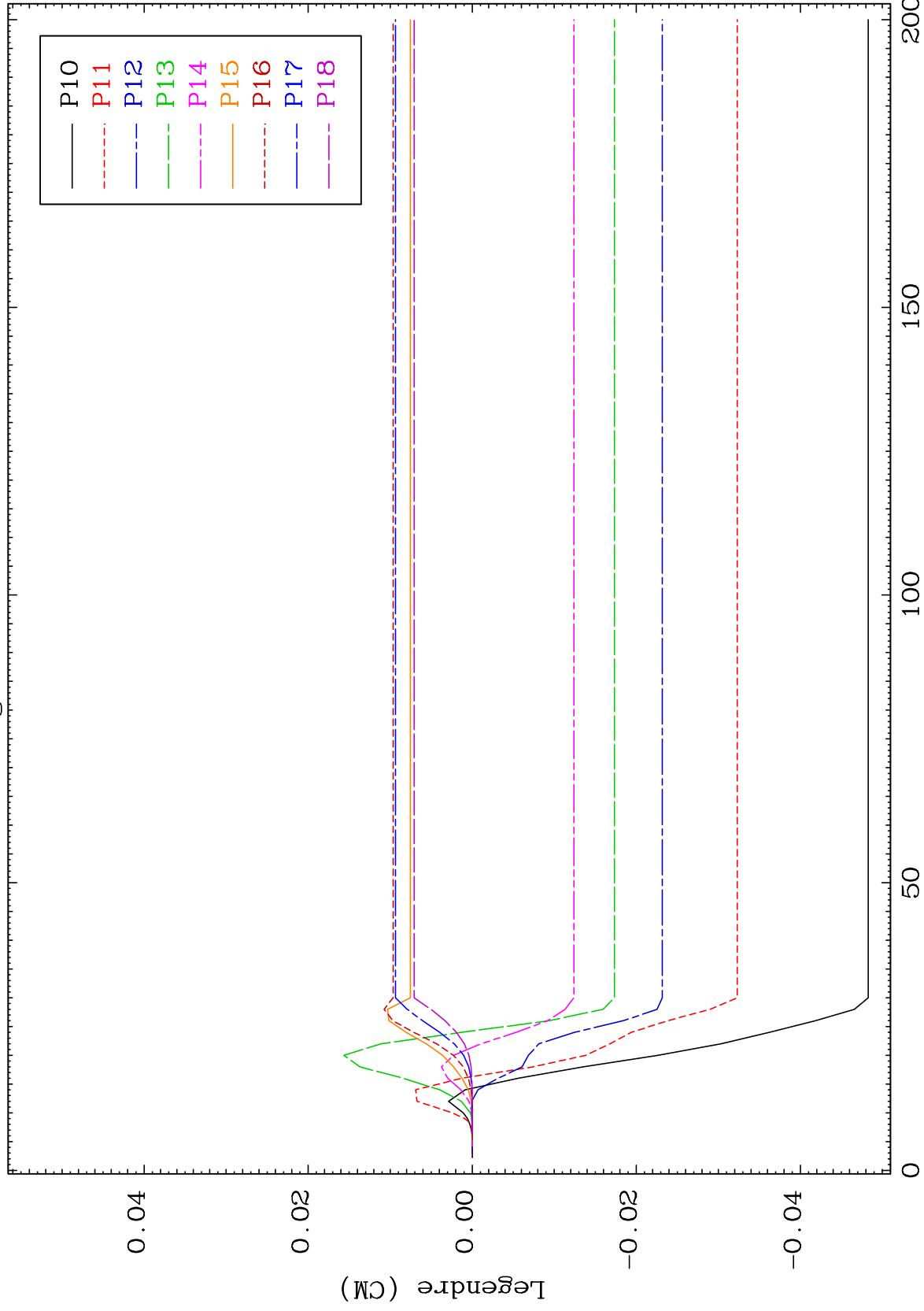
66



MAT 4616

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

46-Pd-99



68

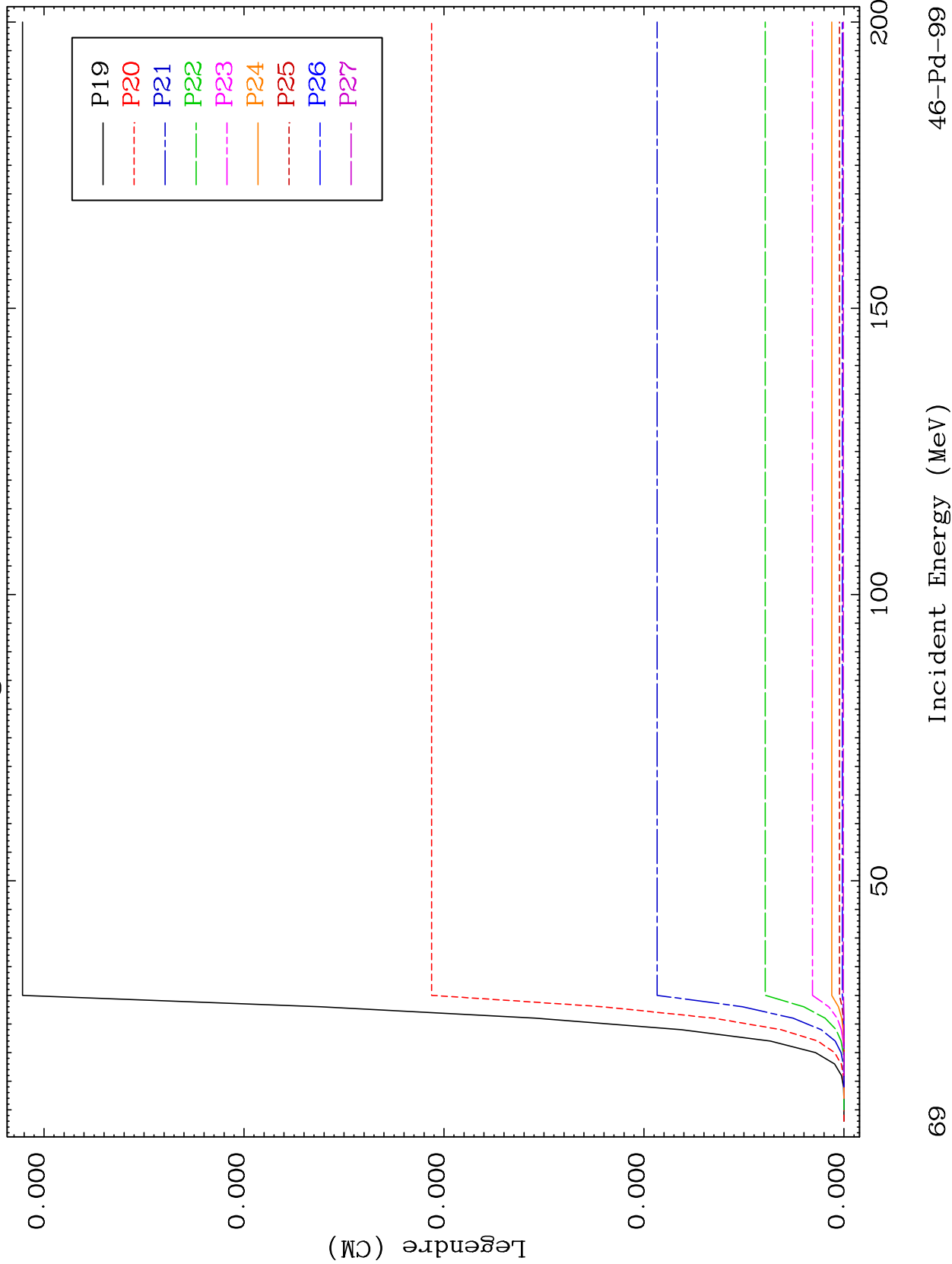
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



69

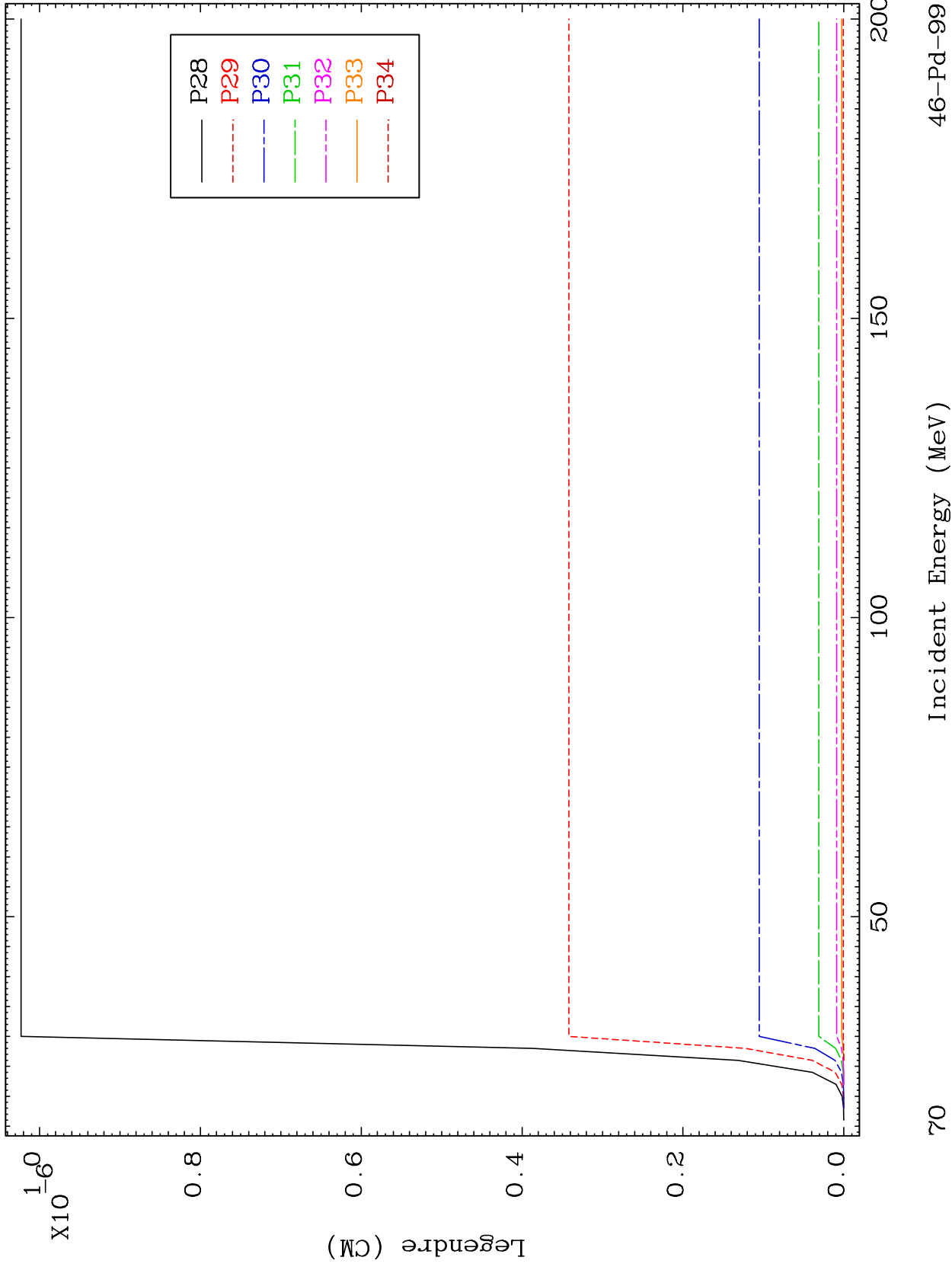
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

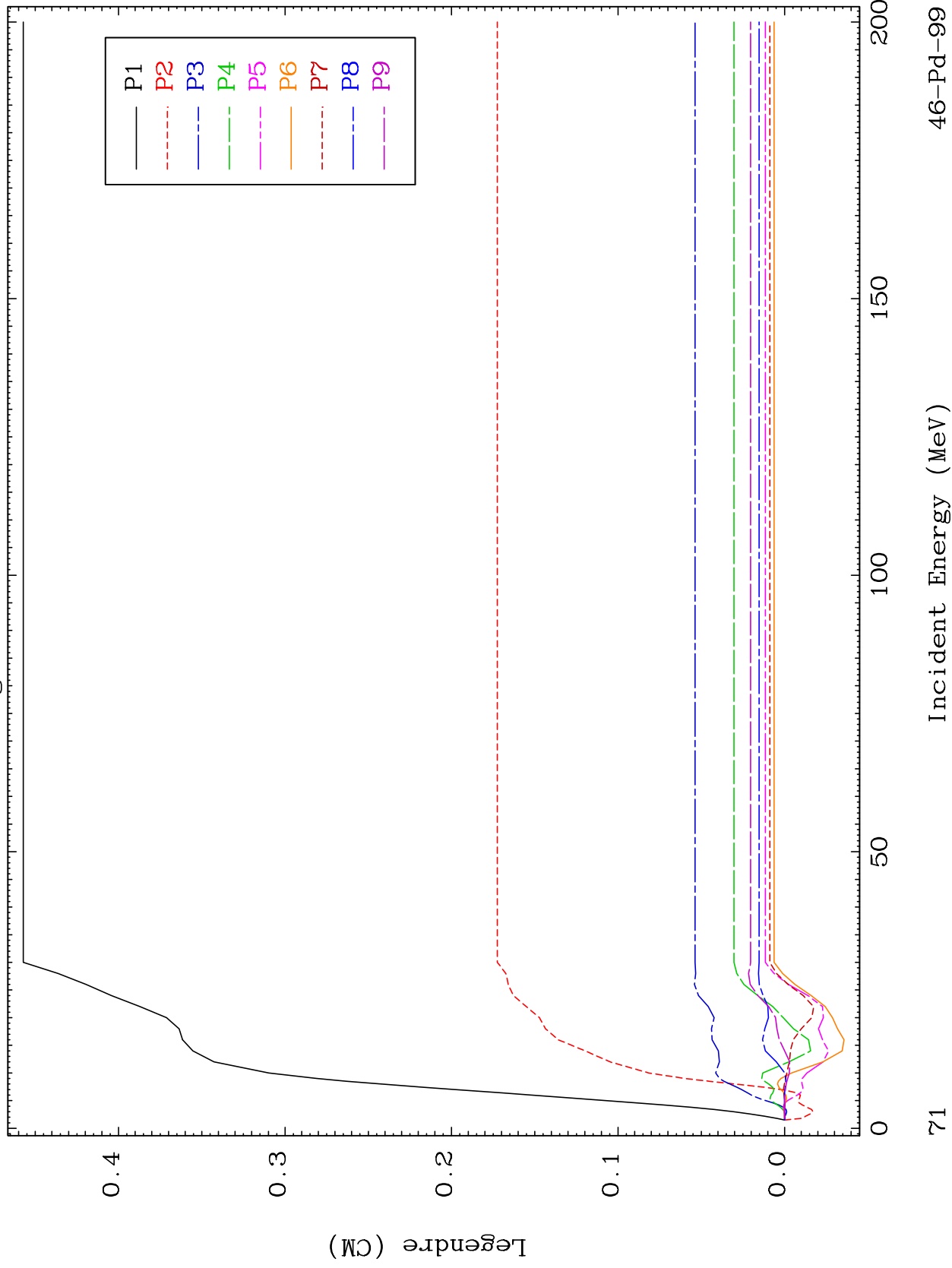
46-Pd-99



MAT 4616

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

46-Pd-99



71

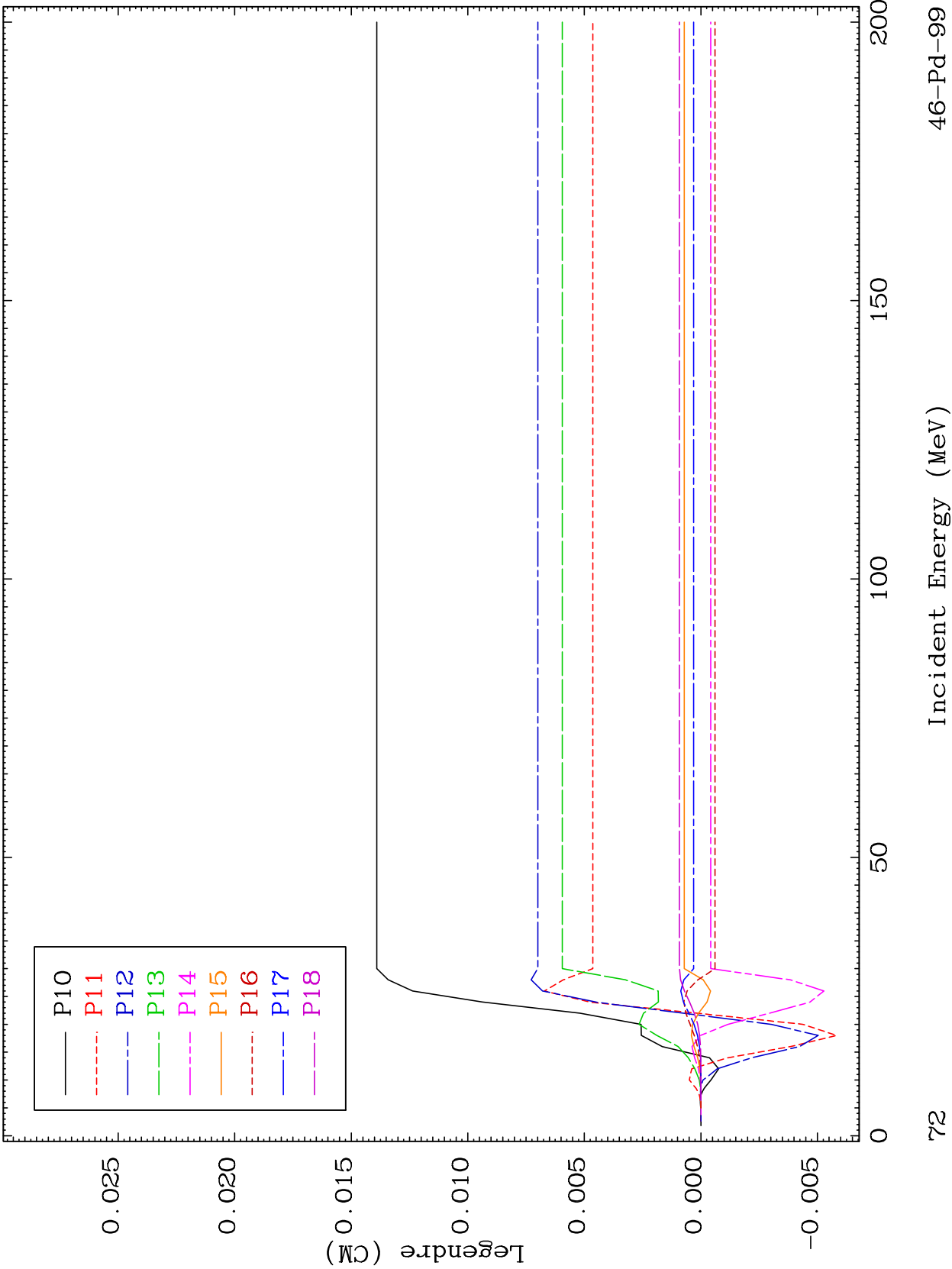
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



46-Pd-99

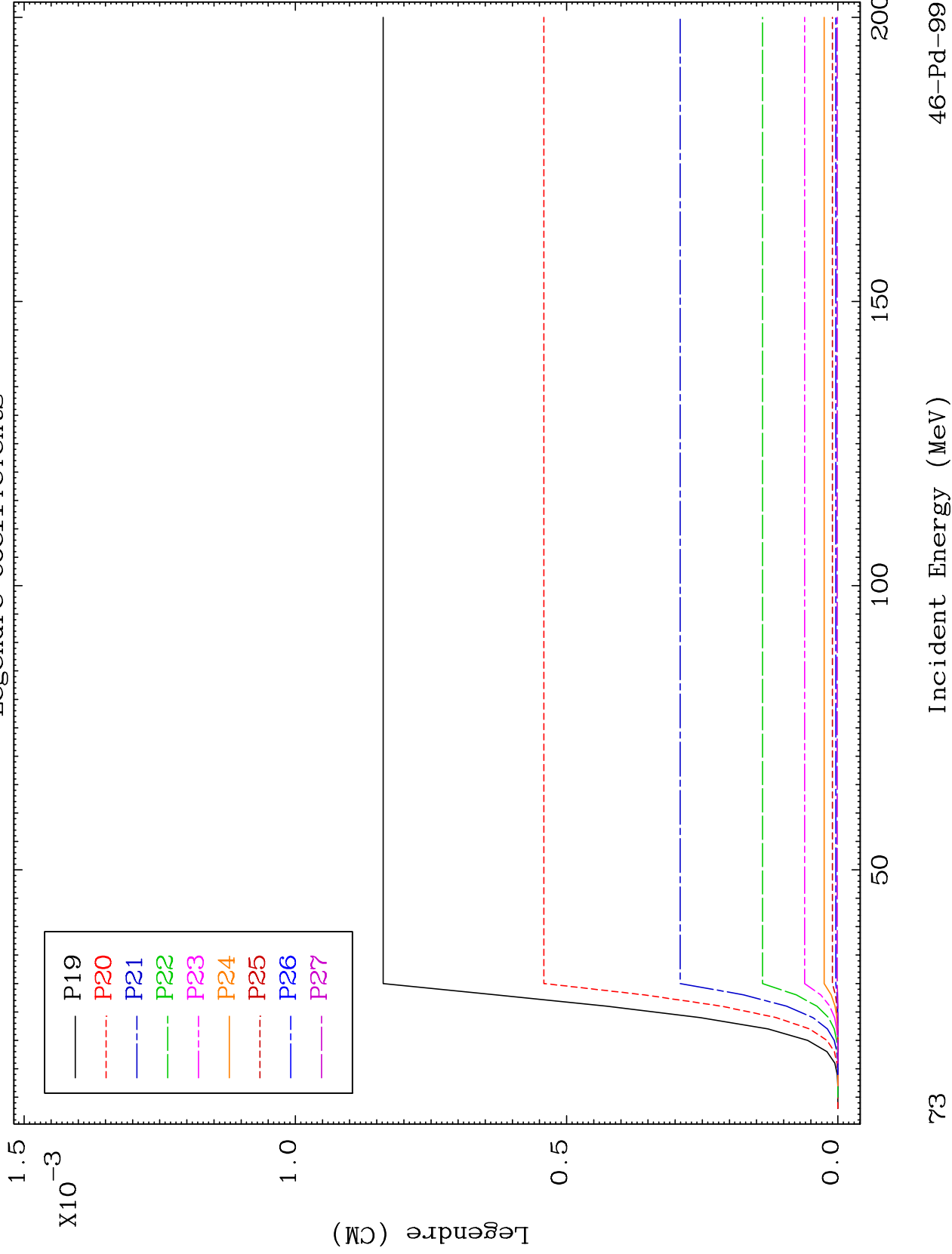
Incident Energy (MeV)

72

MAT 4616

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

46-Pd-99



73

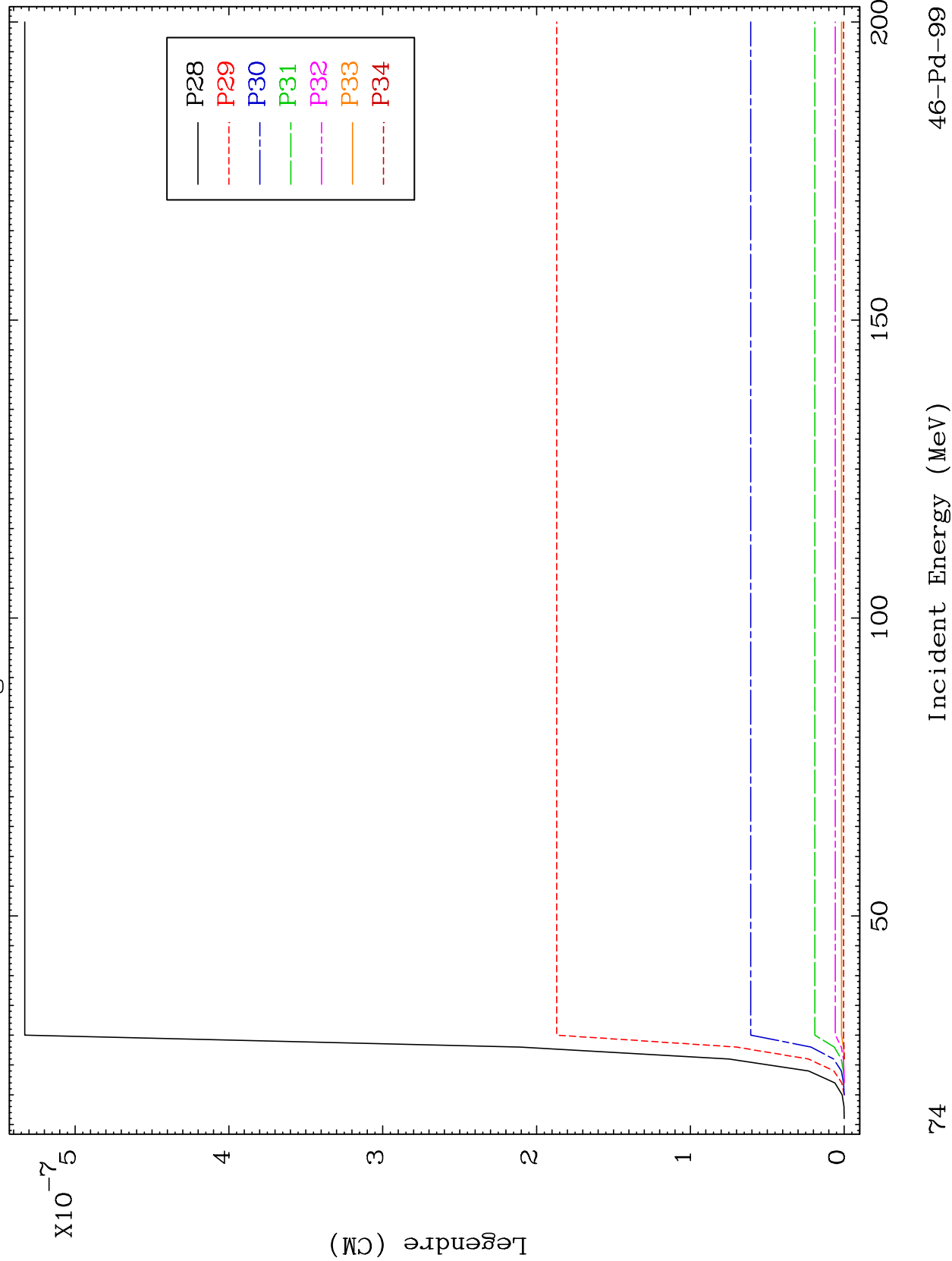
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

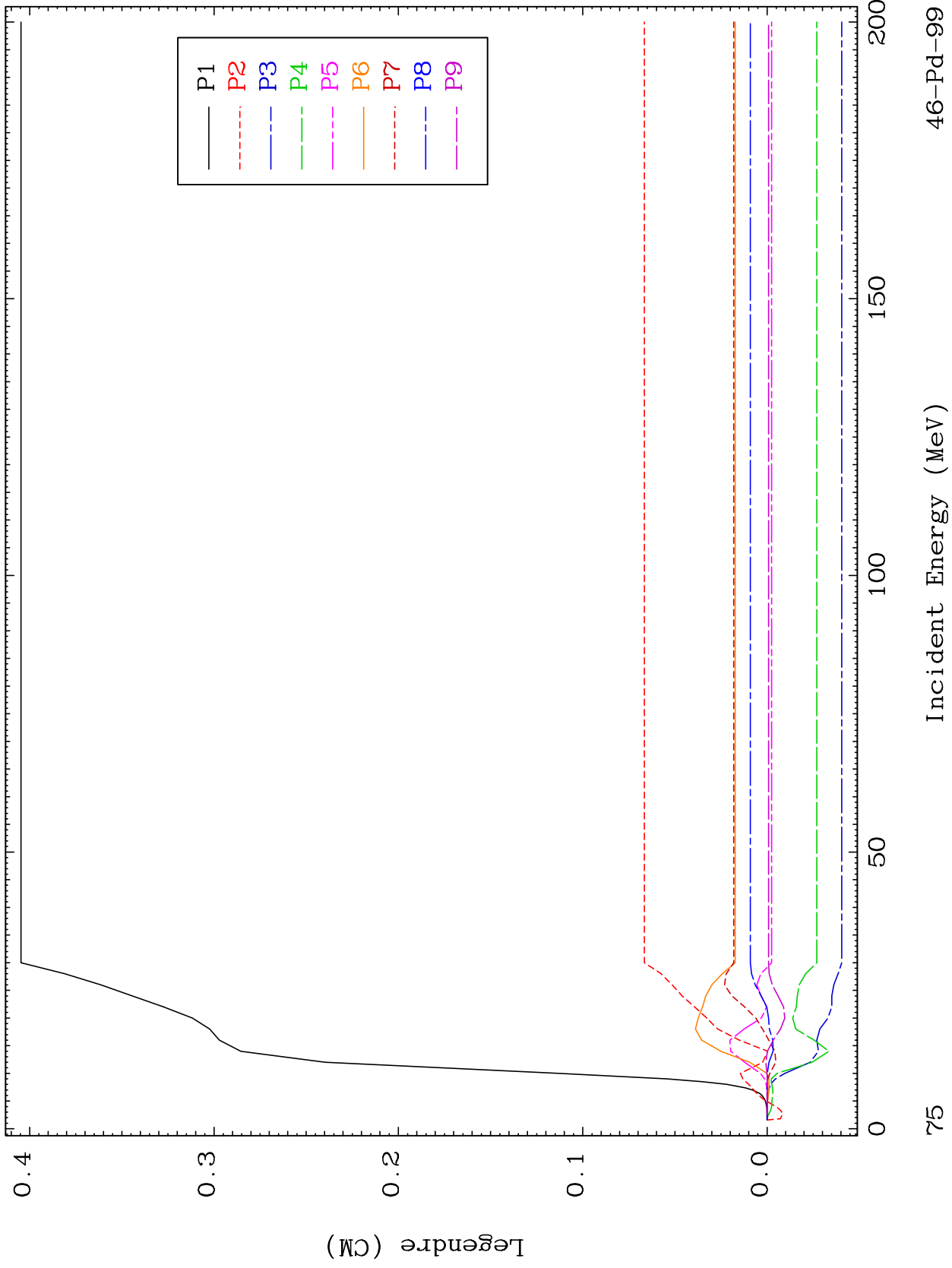
46-Pd-99



MAT 4616

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

46-Pd-99



46-Pd-99

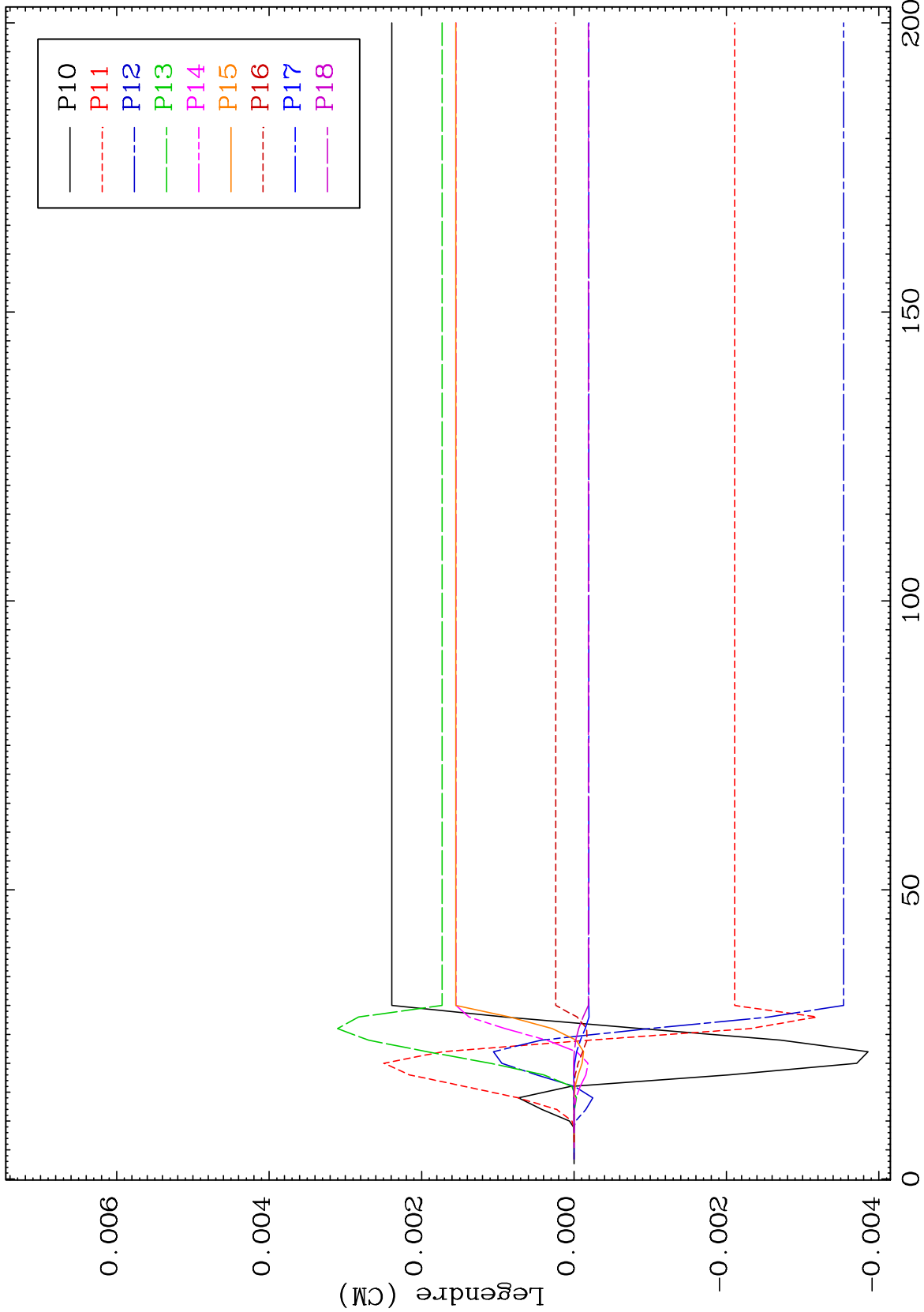
Incident Energy (MeV)

75

MAT 4616

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

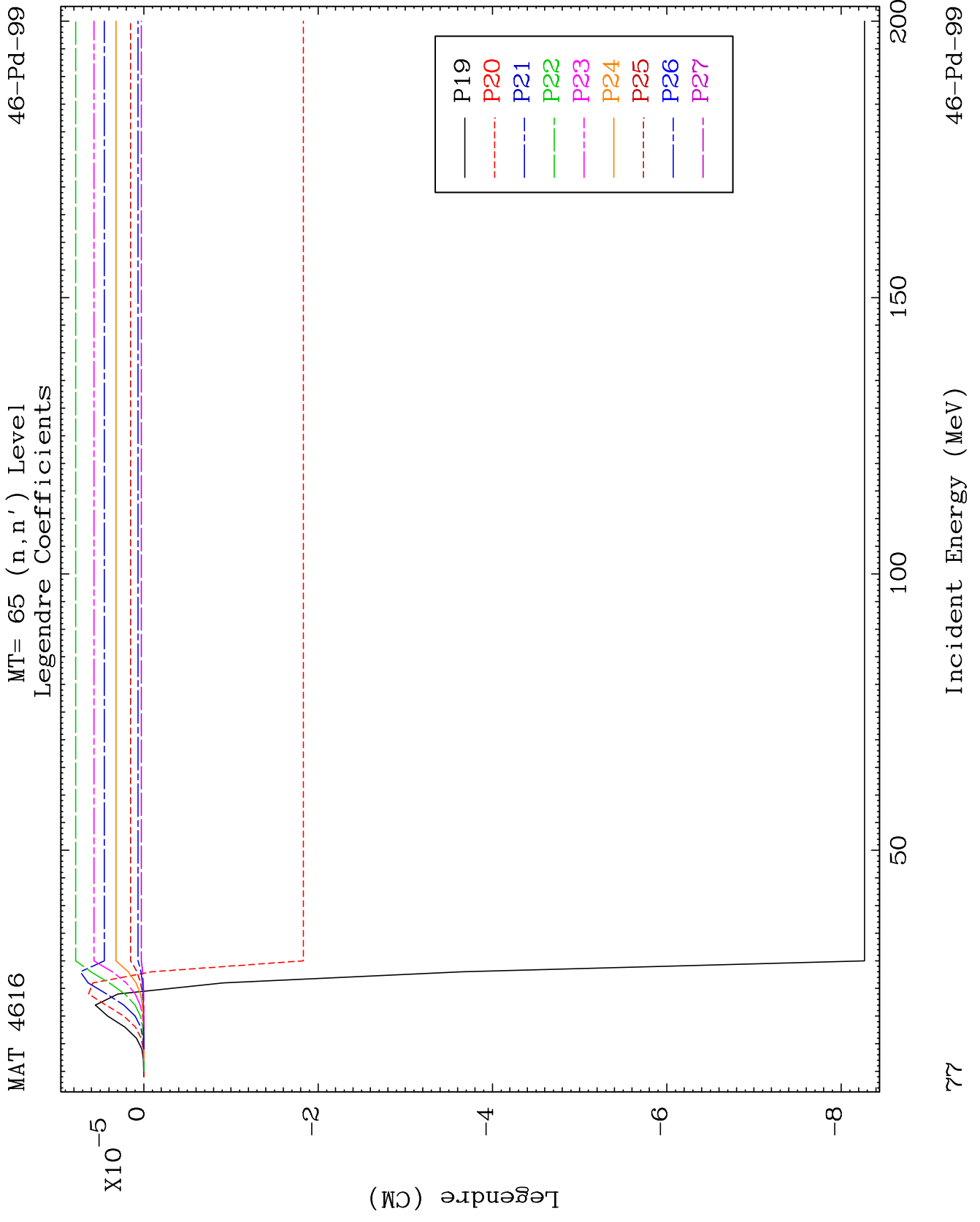
46-Pd-99



76

Incident Energy (MeV)

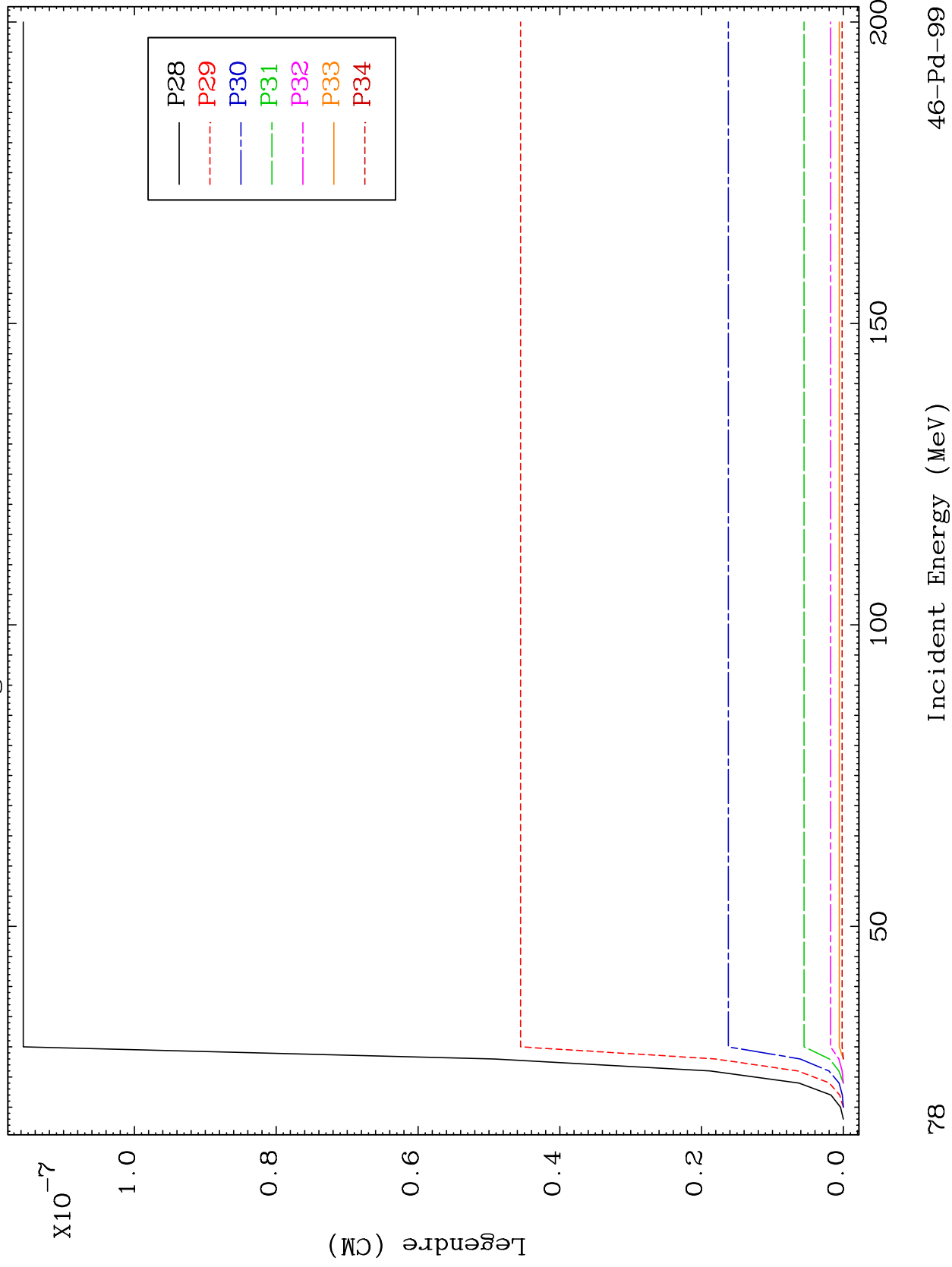
46-Pd-99



MAT 4616

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

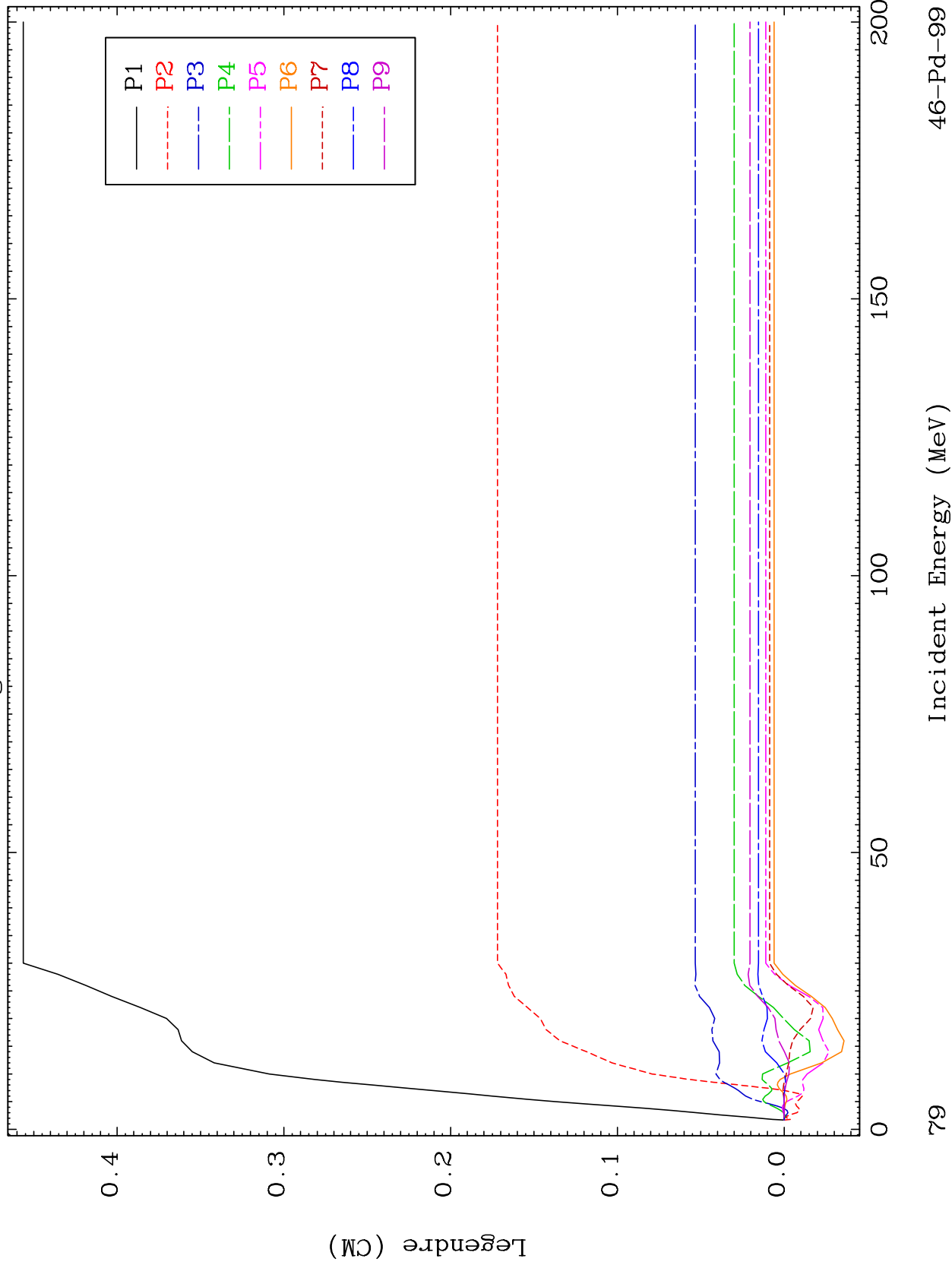
46-Pd-99



MAT 4616

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

46-Pd-99



79

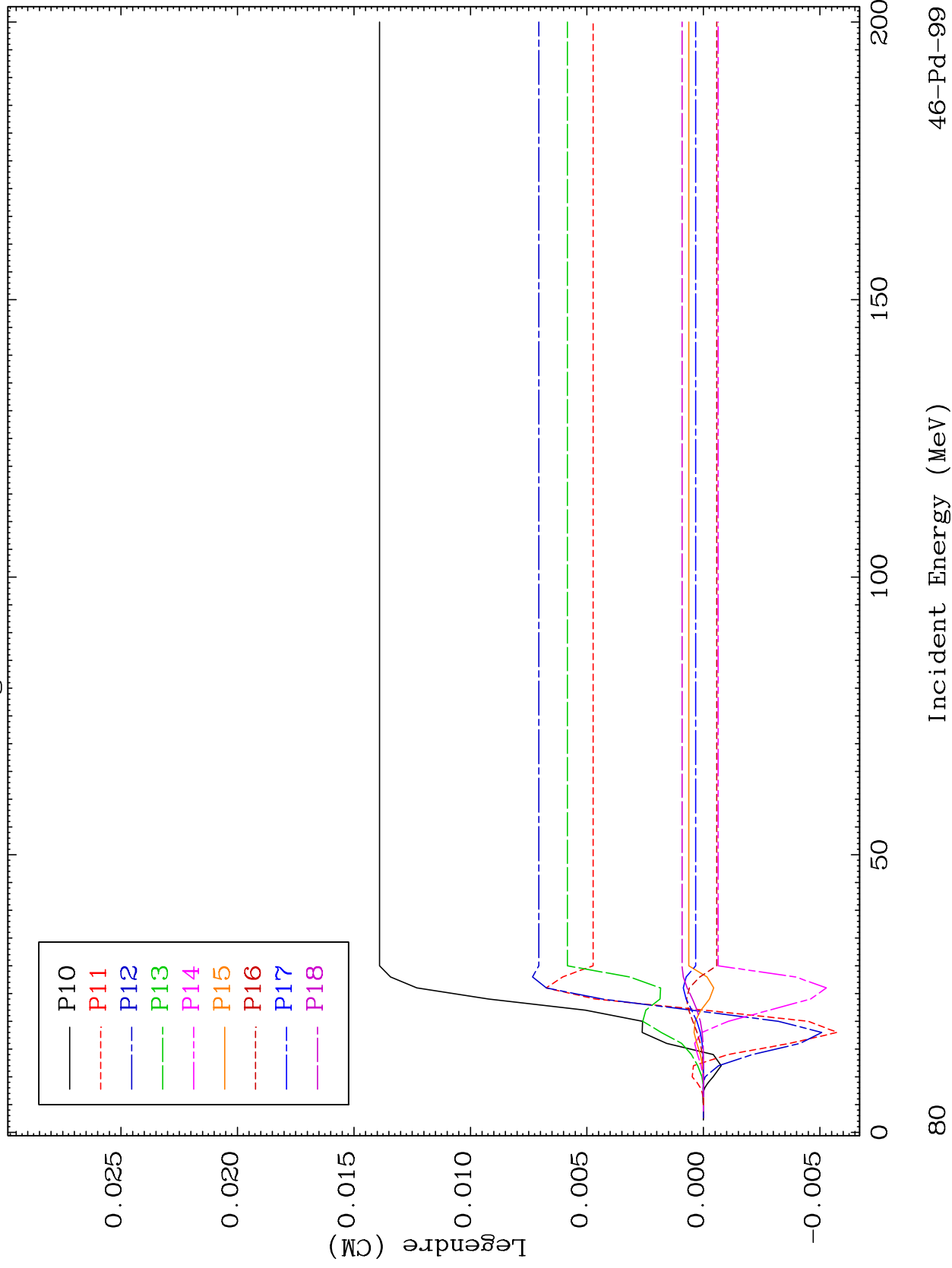
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



46-Pd-99

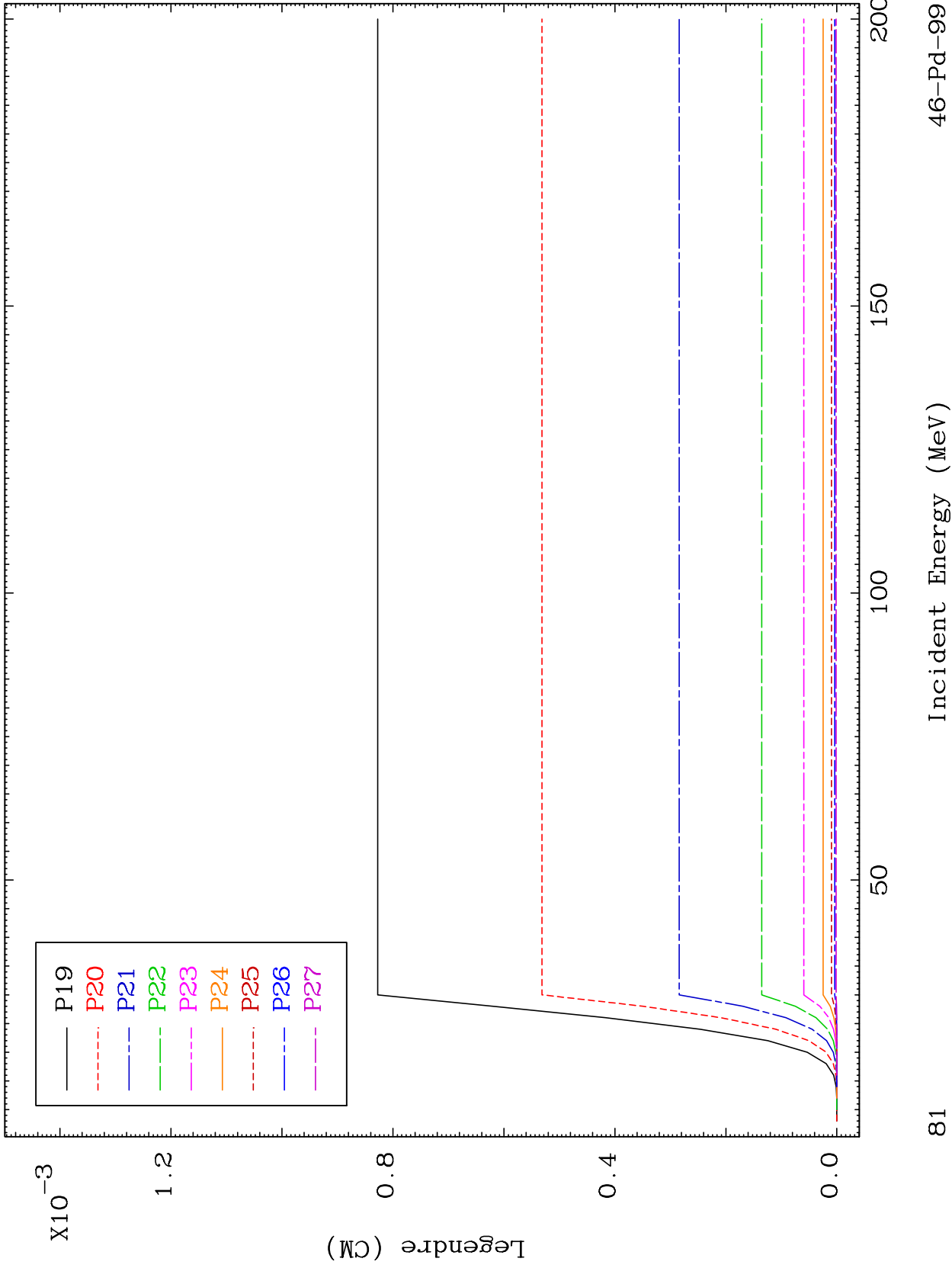
Incident Energy (MeV)

80

MAT 4616

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

46-Pd-99



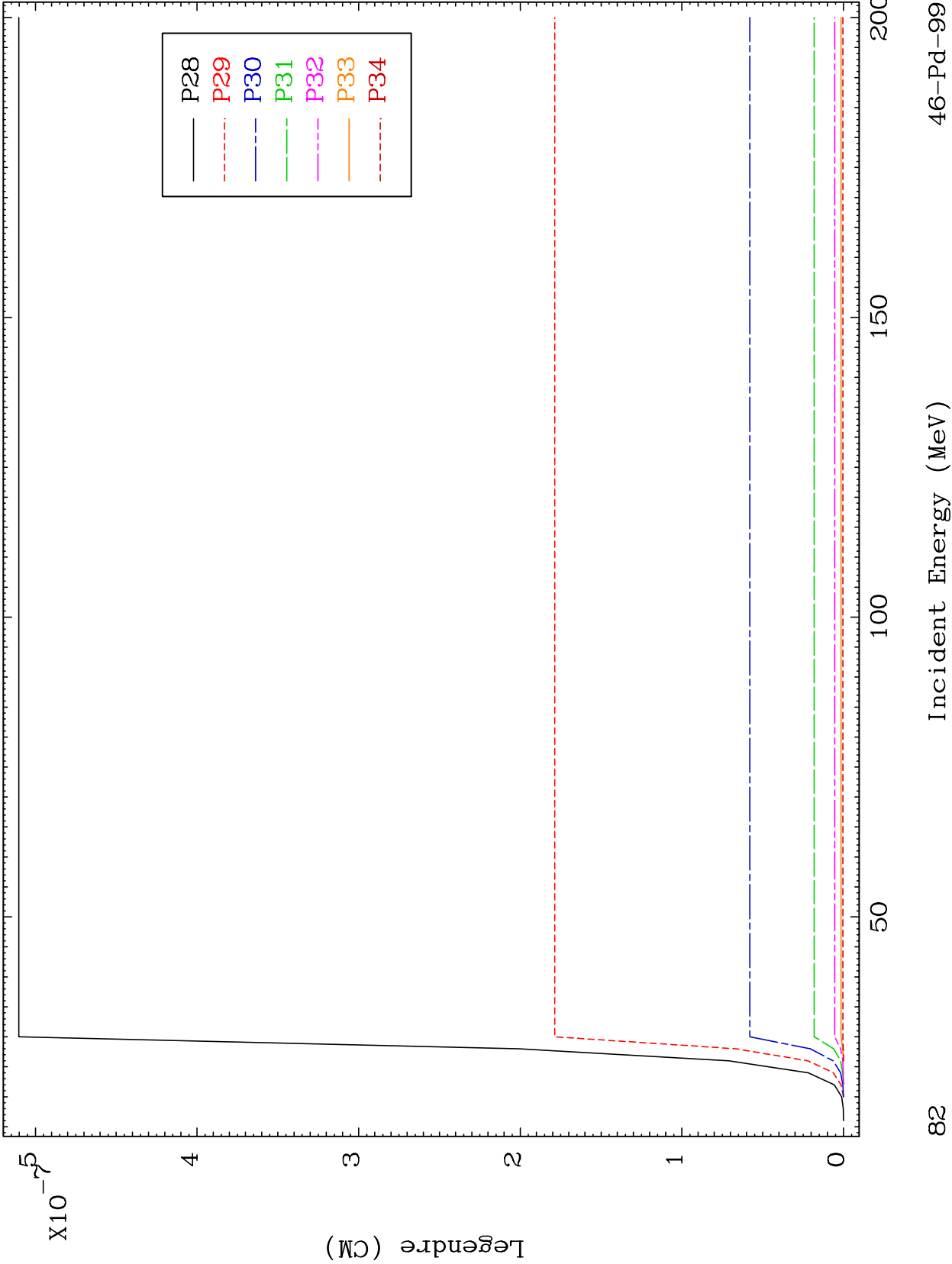
81

46-Pd-99

MAT 4616

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

46-Pd-99

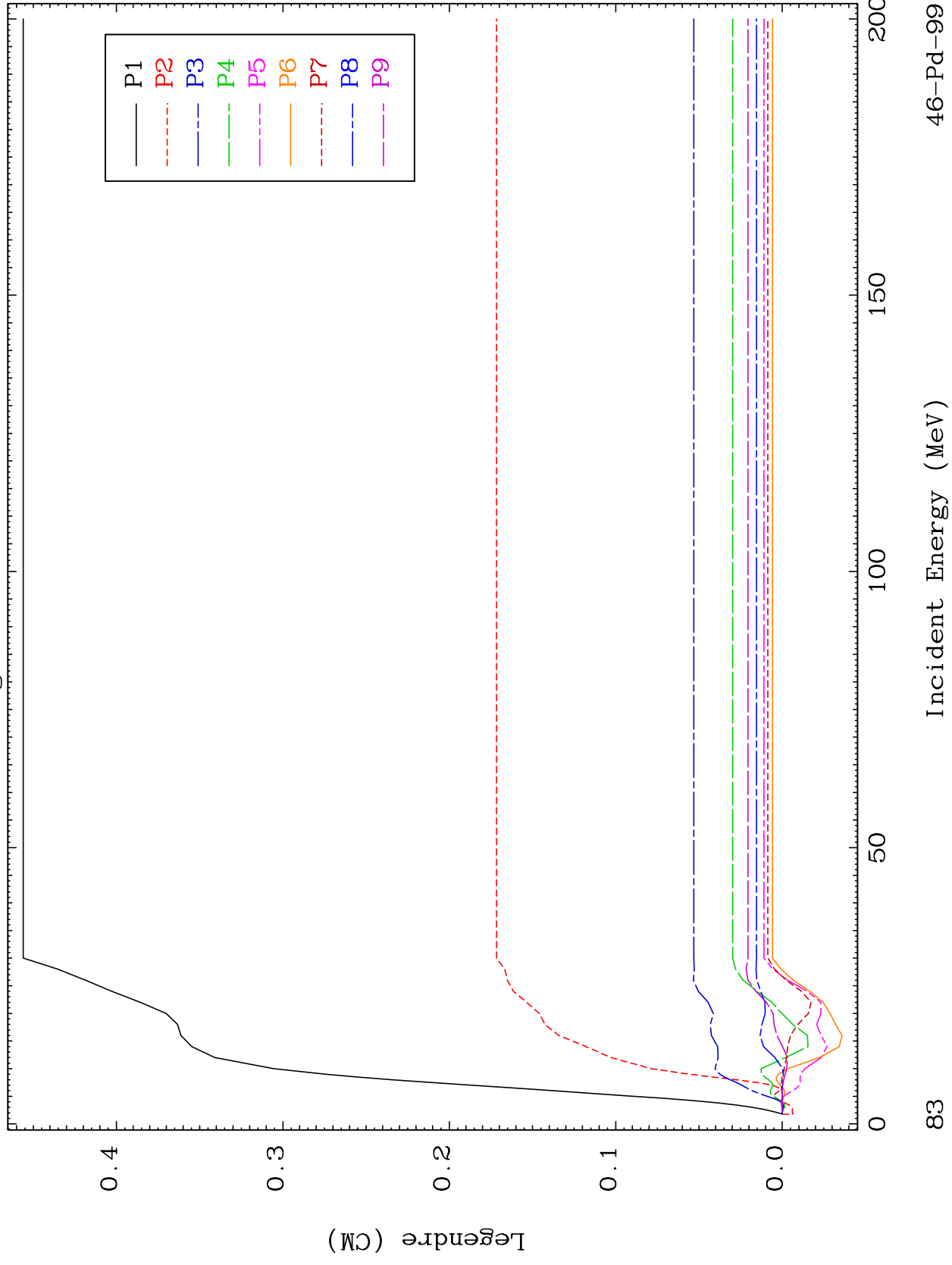


82

MAT 4616

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

46-Pd-99



46-Pd-99

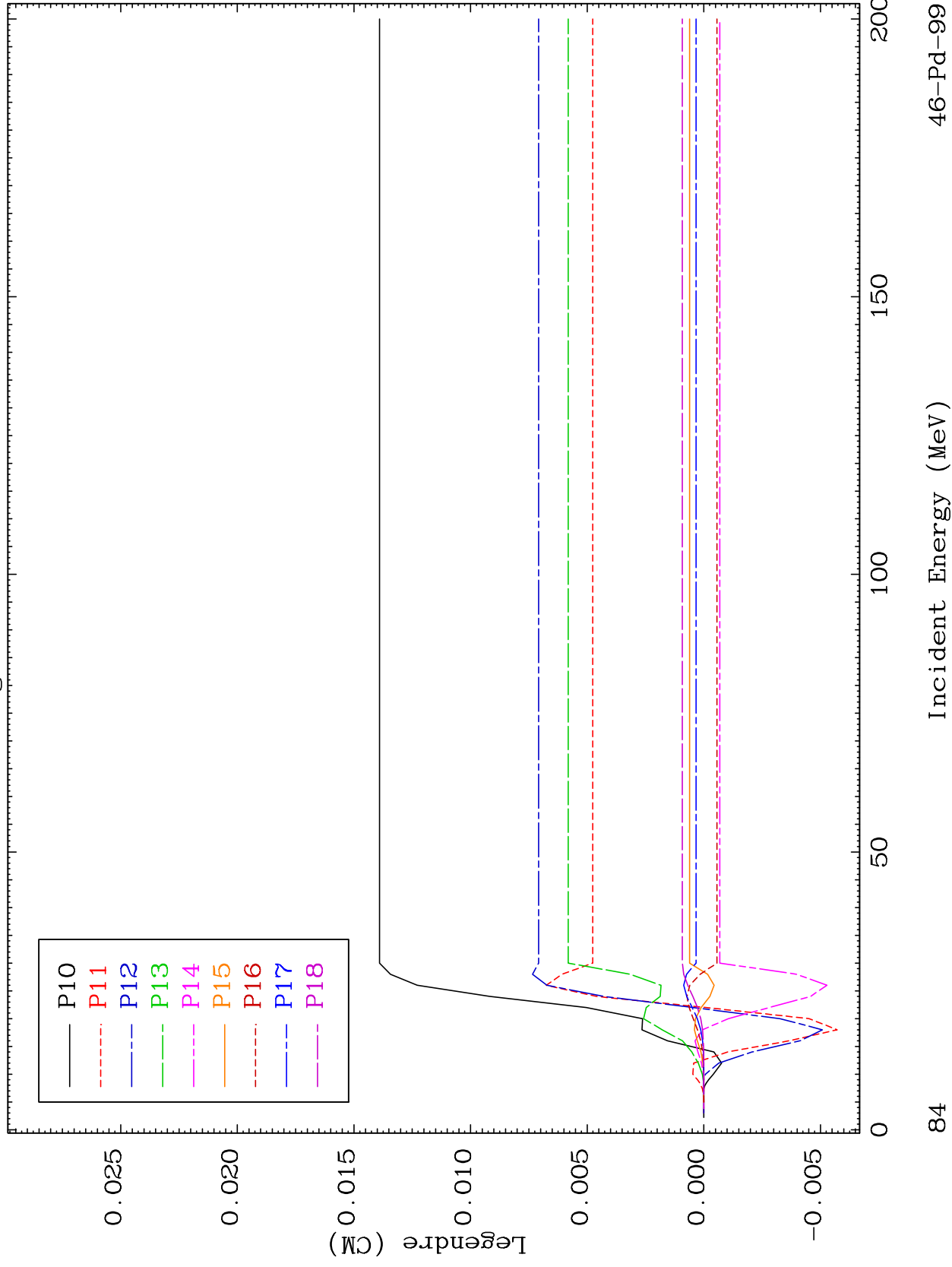
Incident Energy (MeV)

83

MAT 4616

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

46-Pd-99



84

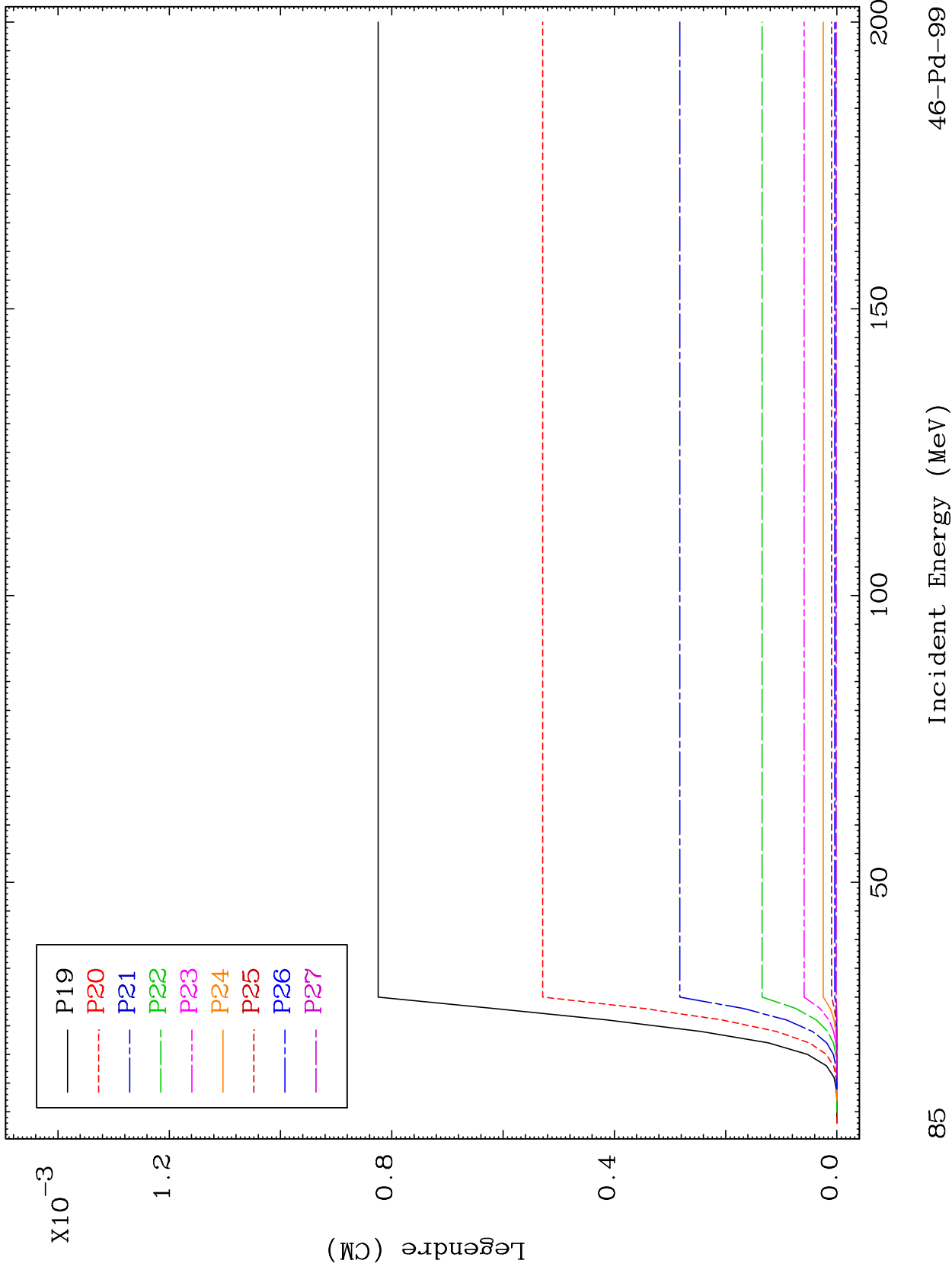
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

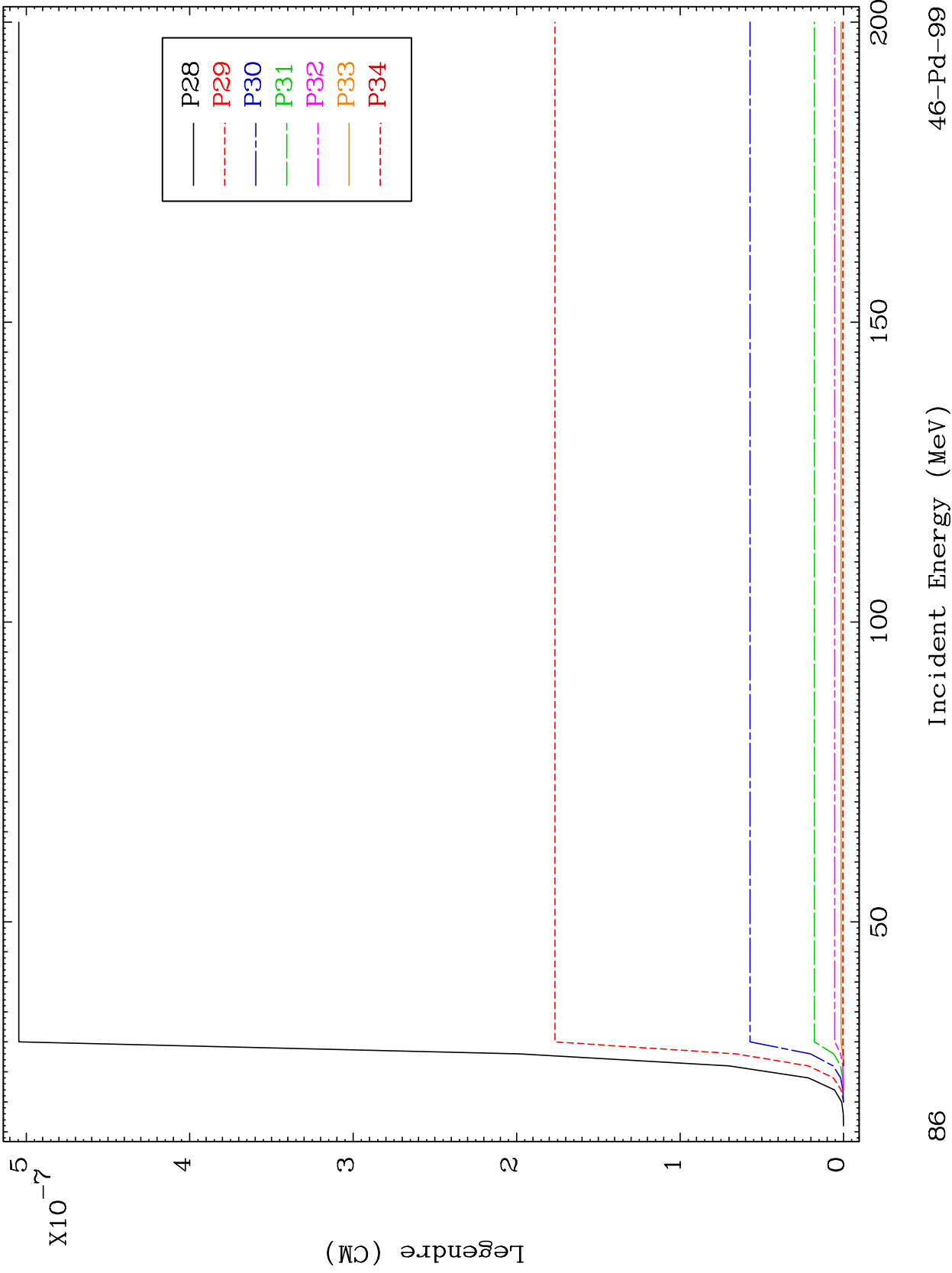
46-Pd-99



MAT 4616

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

46-Pd-99



86

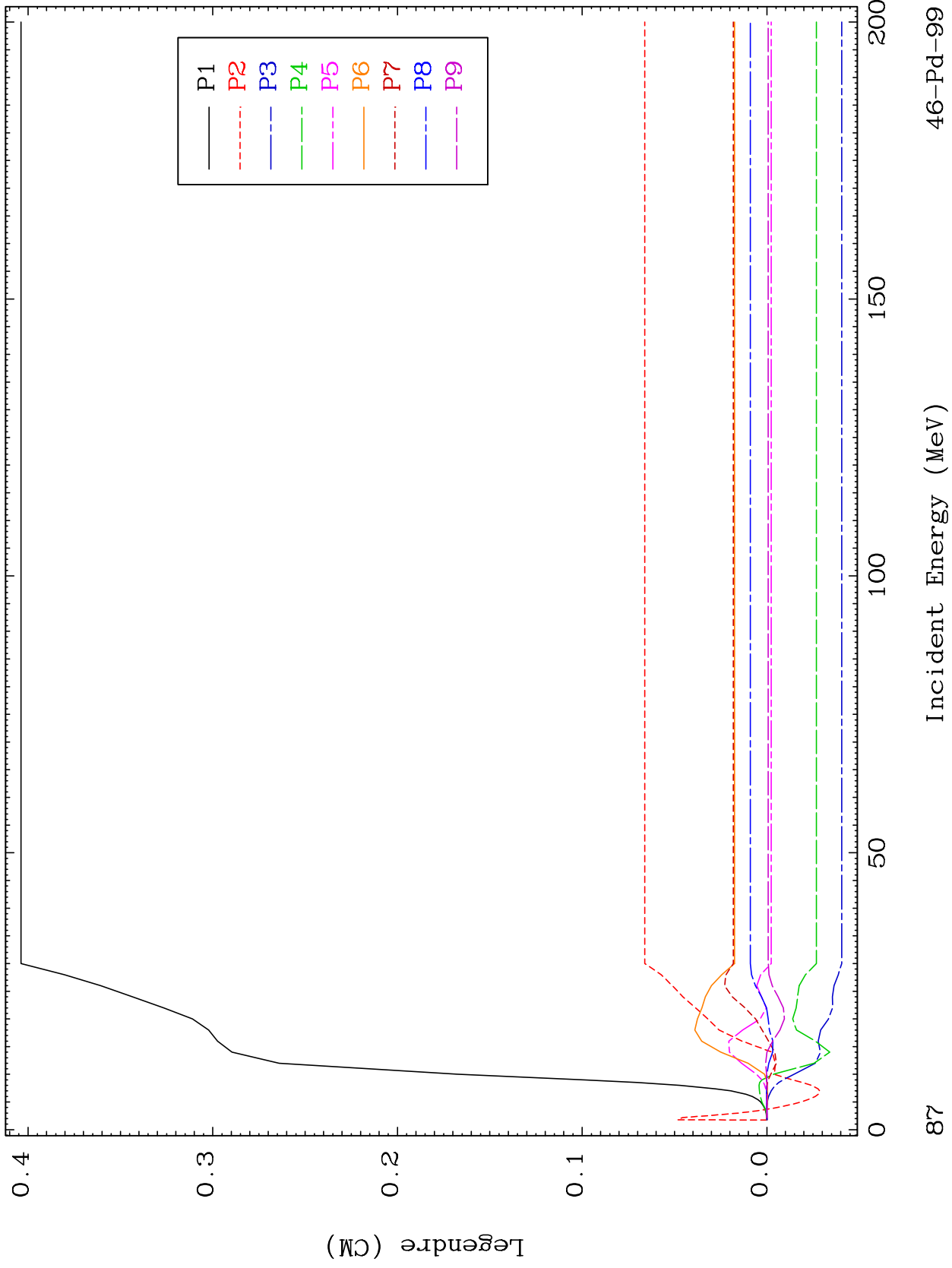
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



46-Pd-99

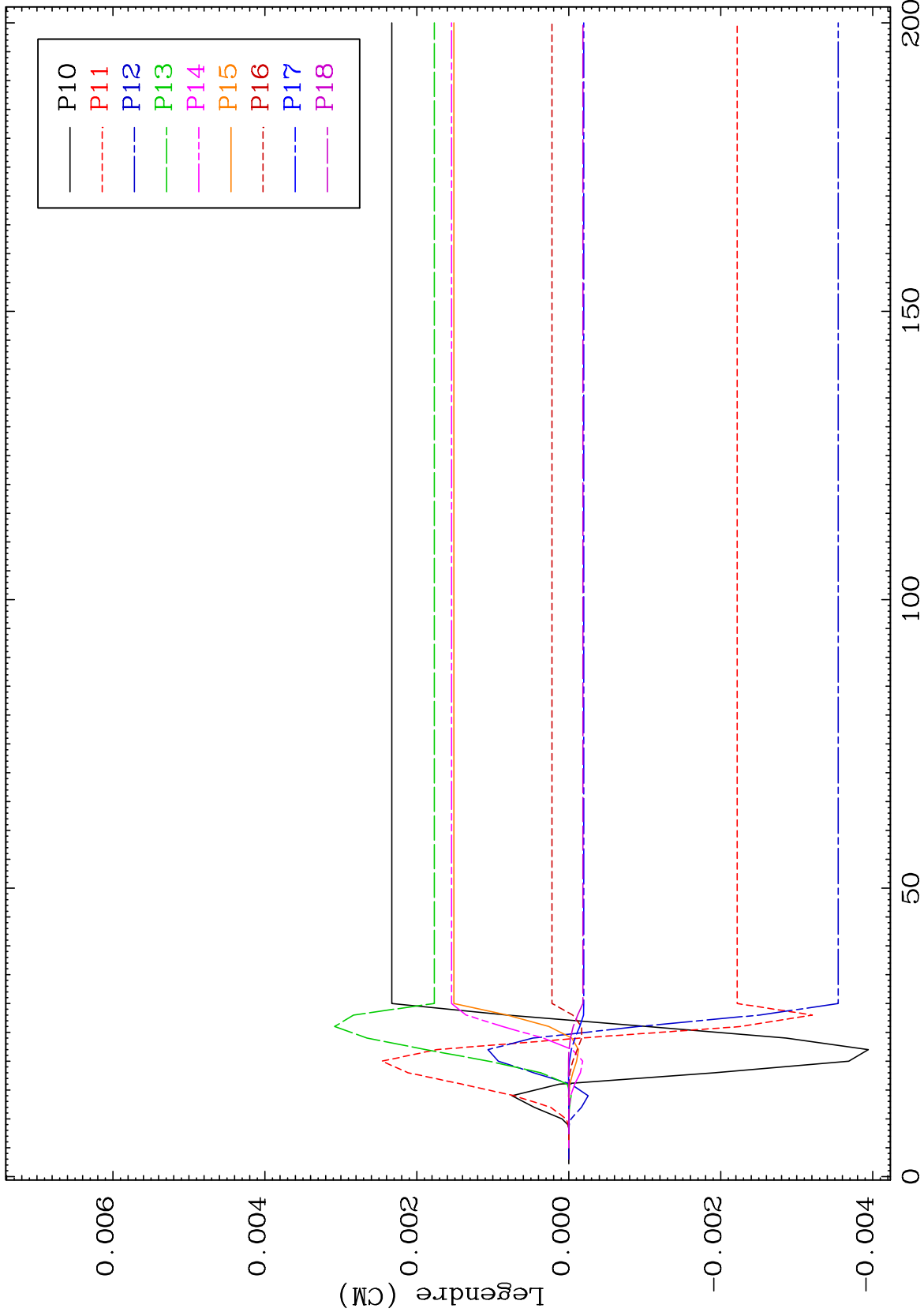
Incident Energy (MeV)

87

MAT 4616

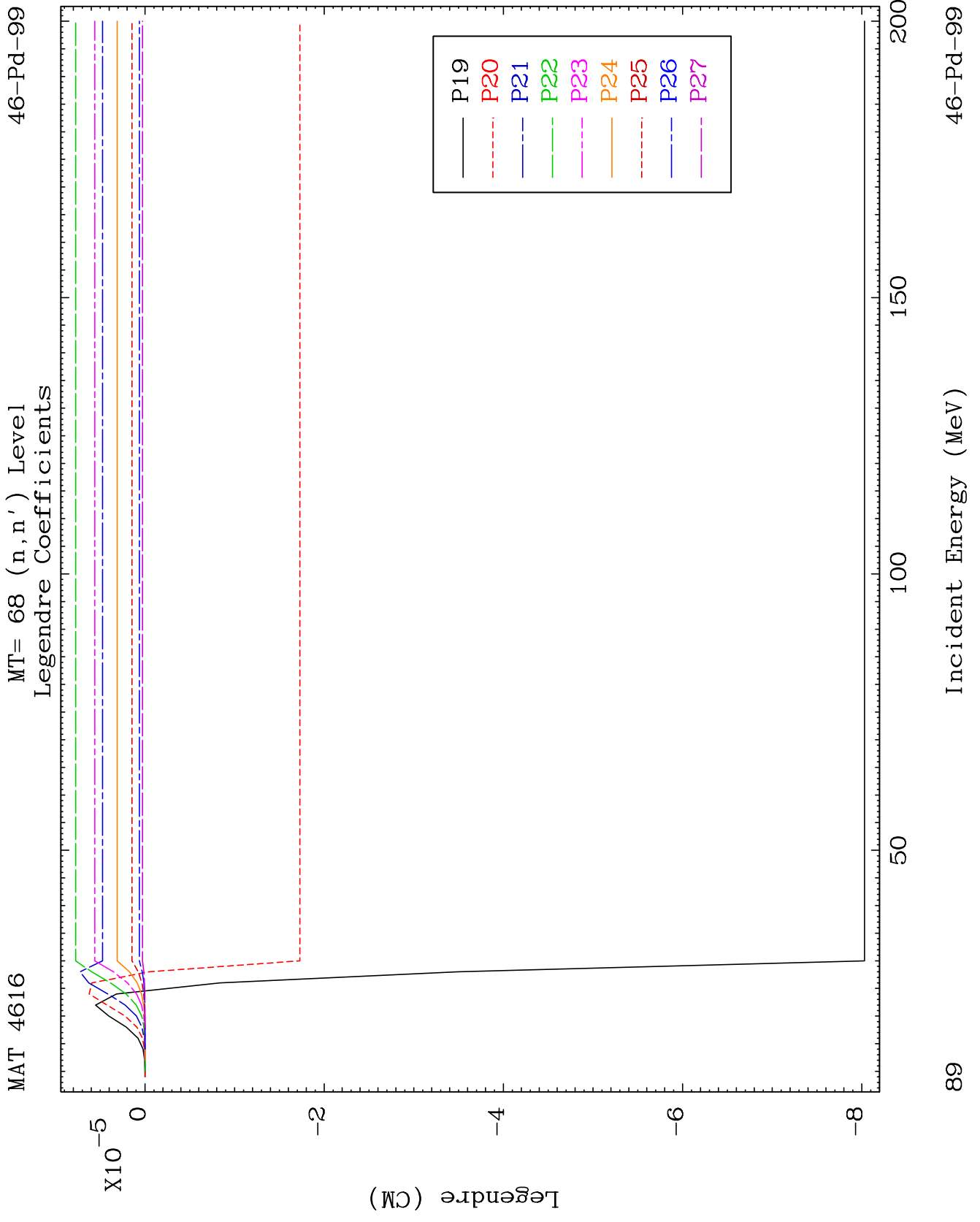
MT= 68 (n,n') Level
Legendre Coefficients

46-Pd-99



88

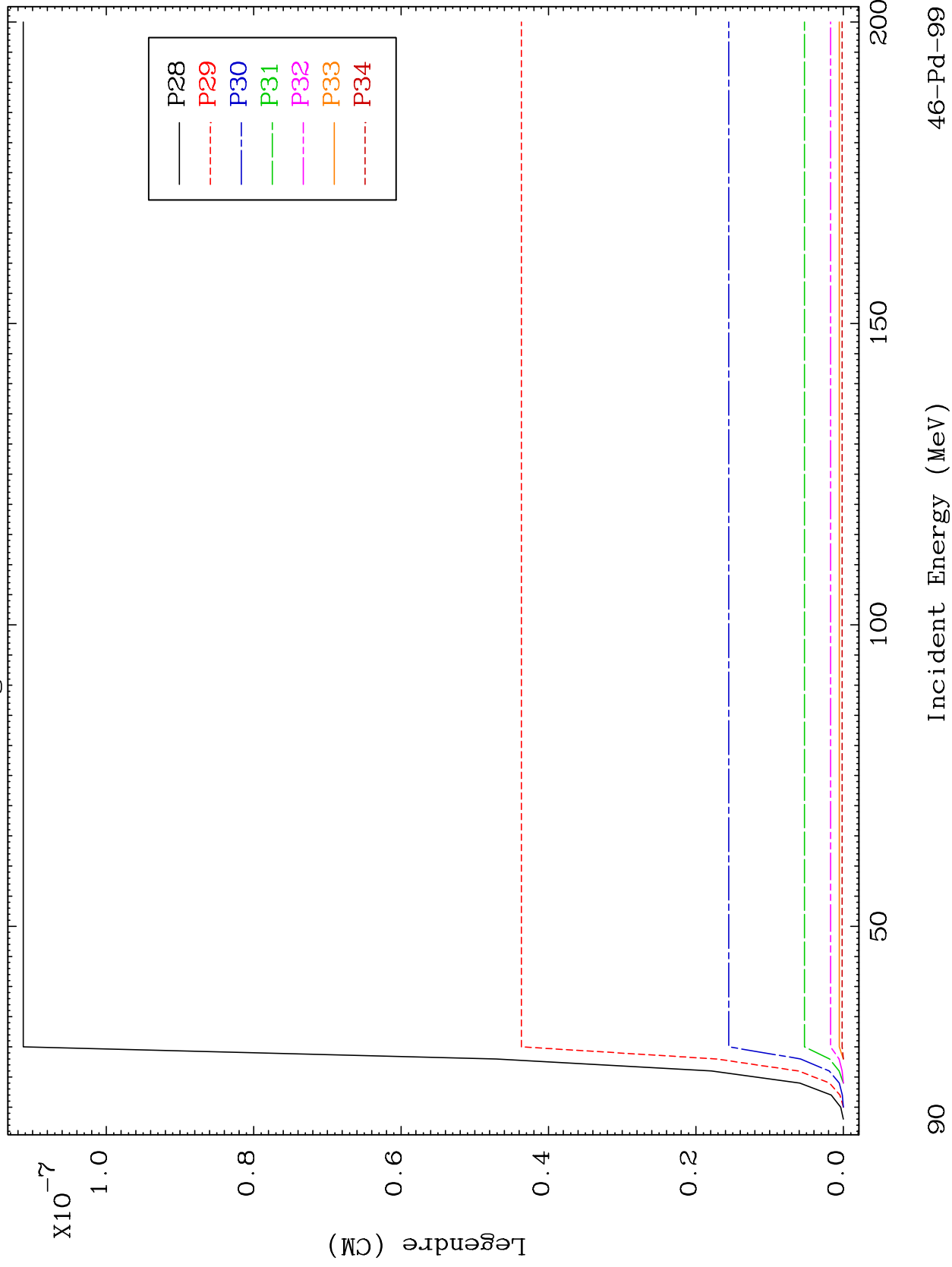
46-Pd-99



MAT 4616

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

46-Pd-99



90

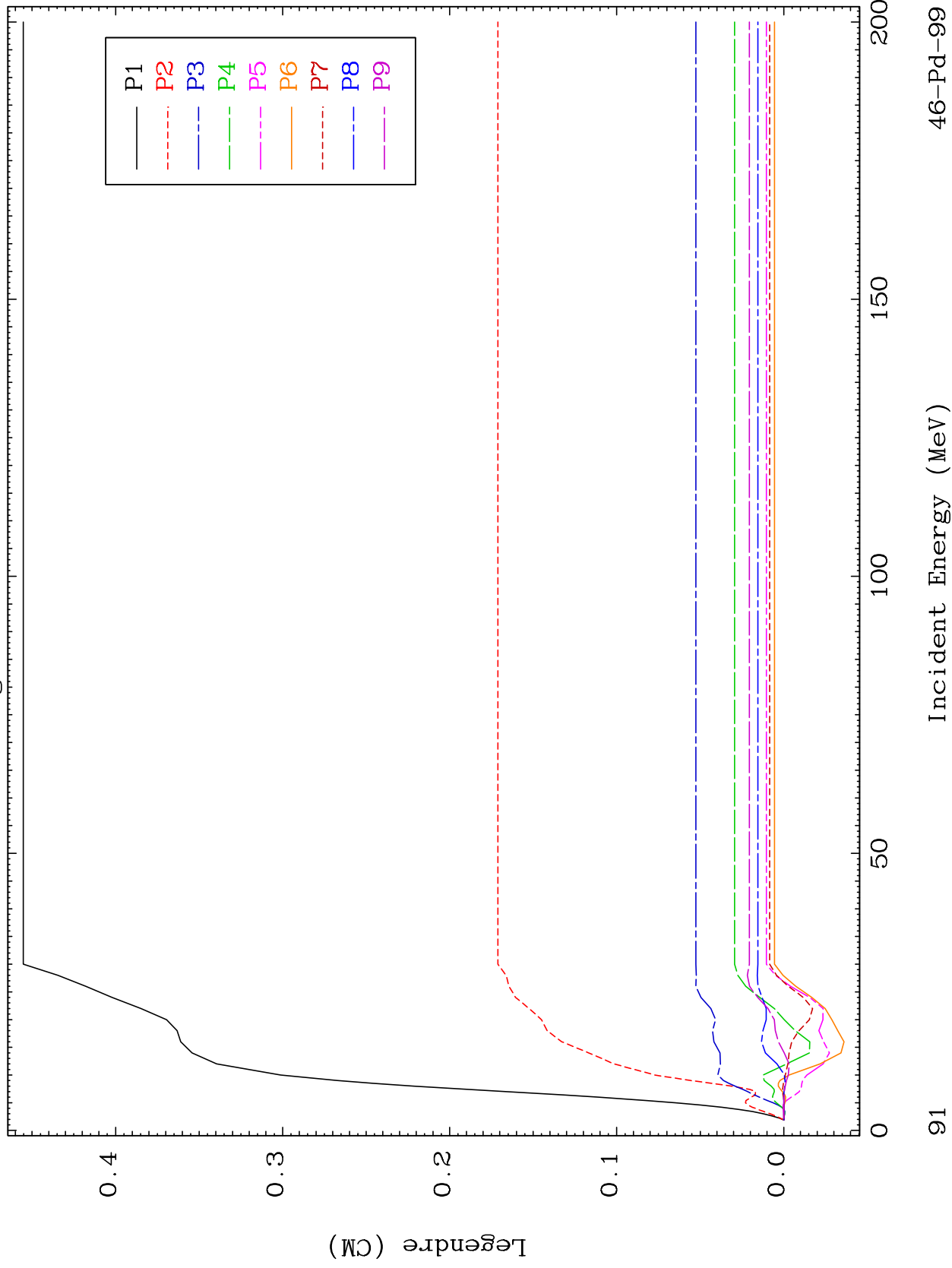
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



91

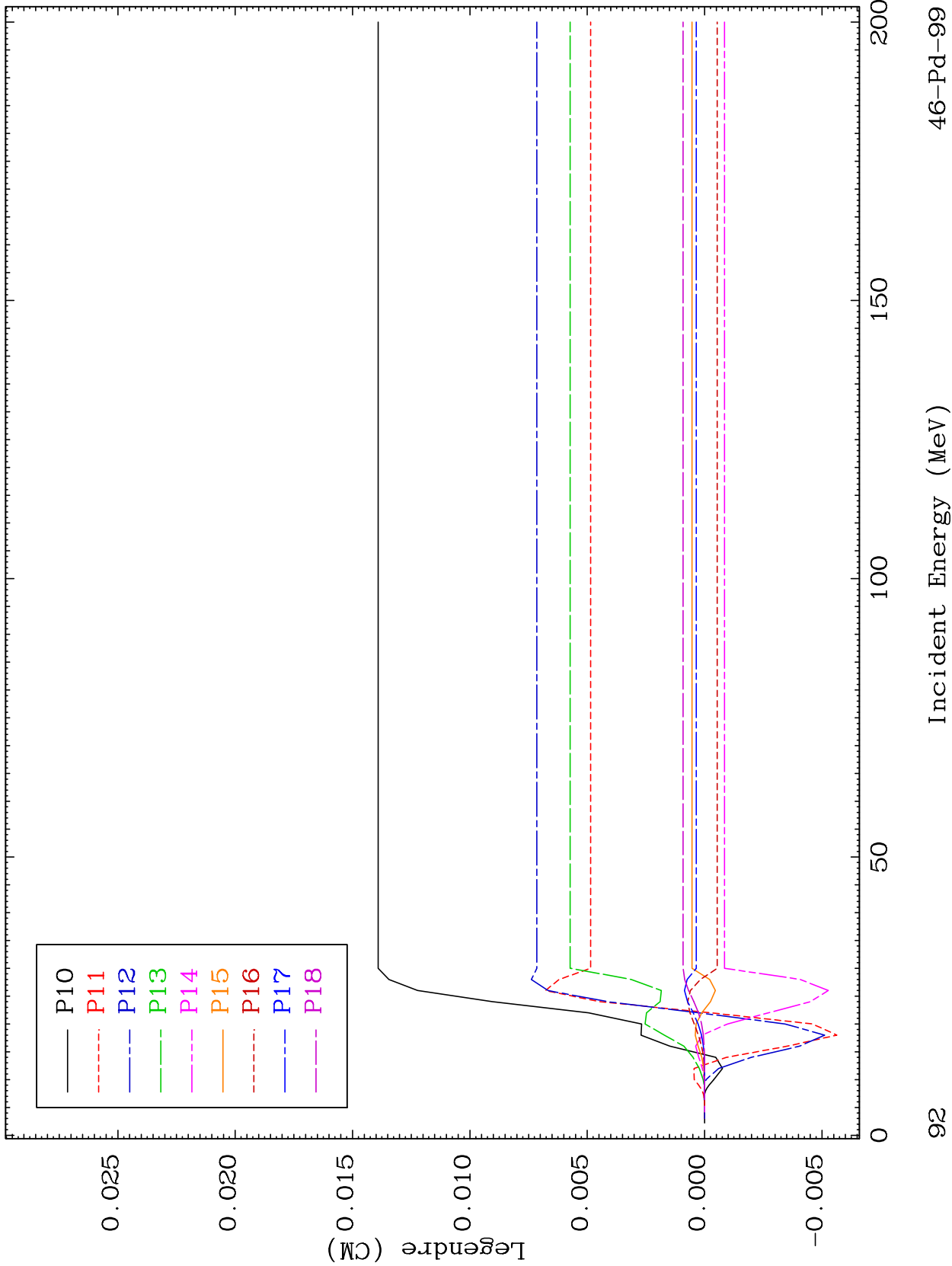
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

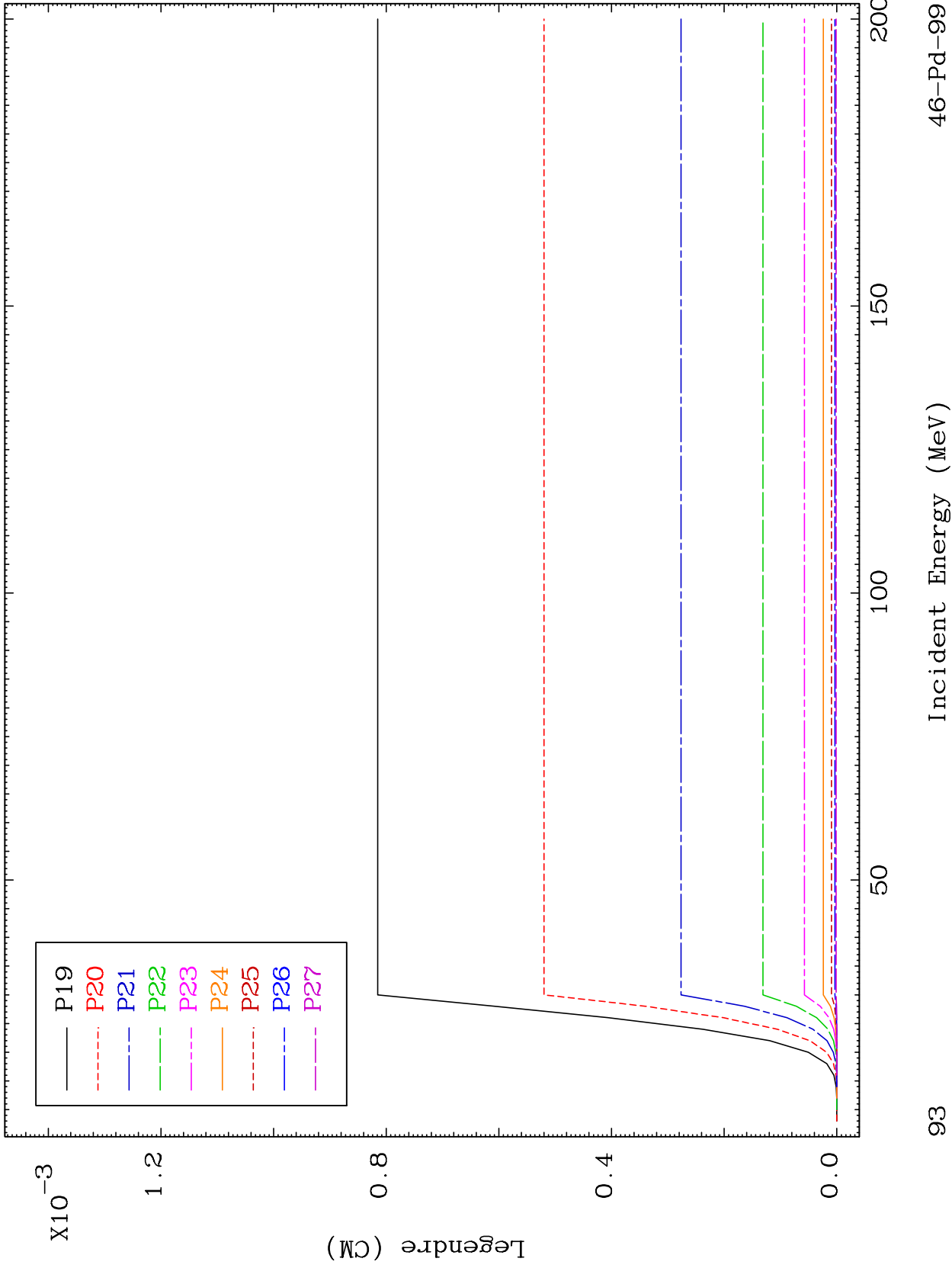
46-Pd-99



92

Incident Energy (MeV)

46-Pd-99



MAT 4616

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

46-Pd-99

$\times 10^{-7}$

4

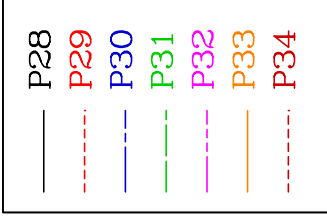
3

2

1

0

Legendre (CM)



50

100

150

200

94

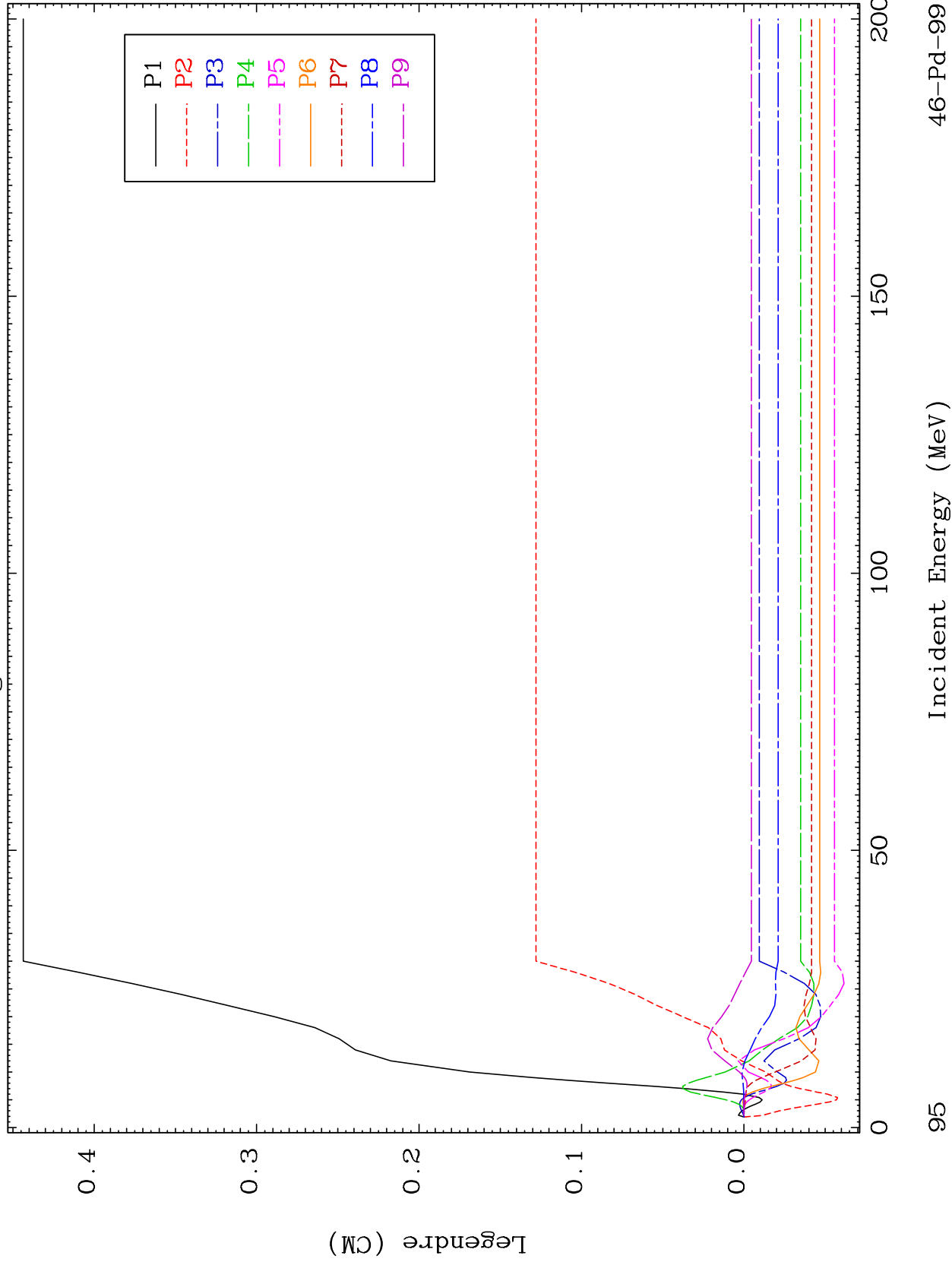
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



46-Pd-99

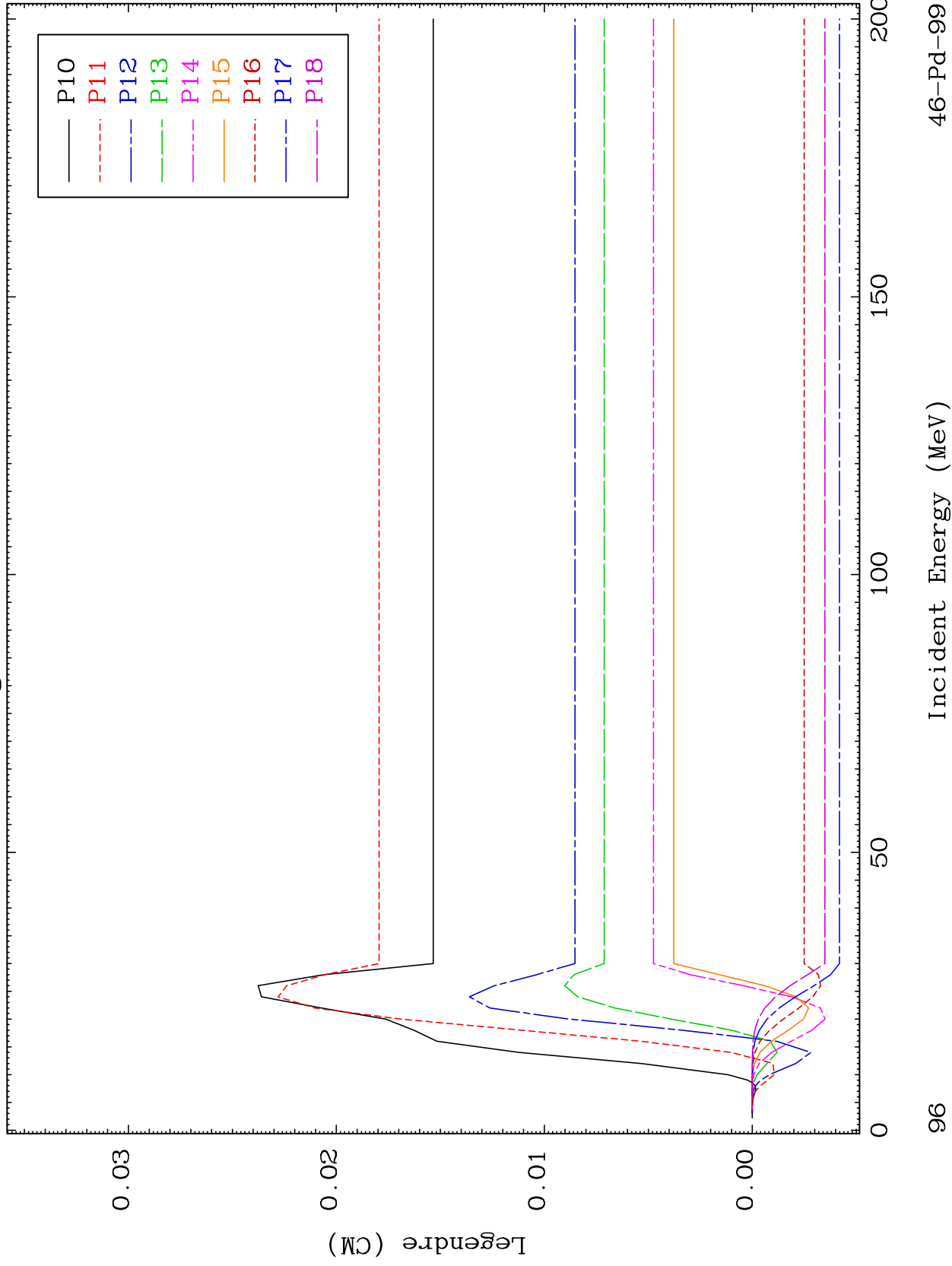
Incident Energy (MeV)

95

MAT 4616

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

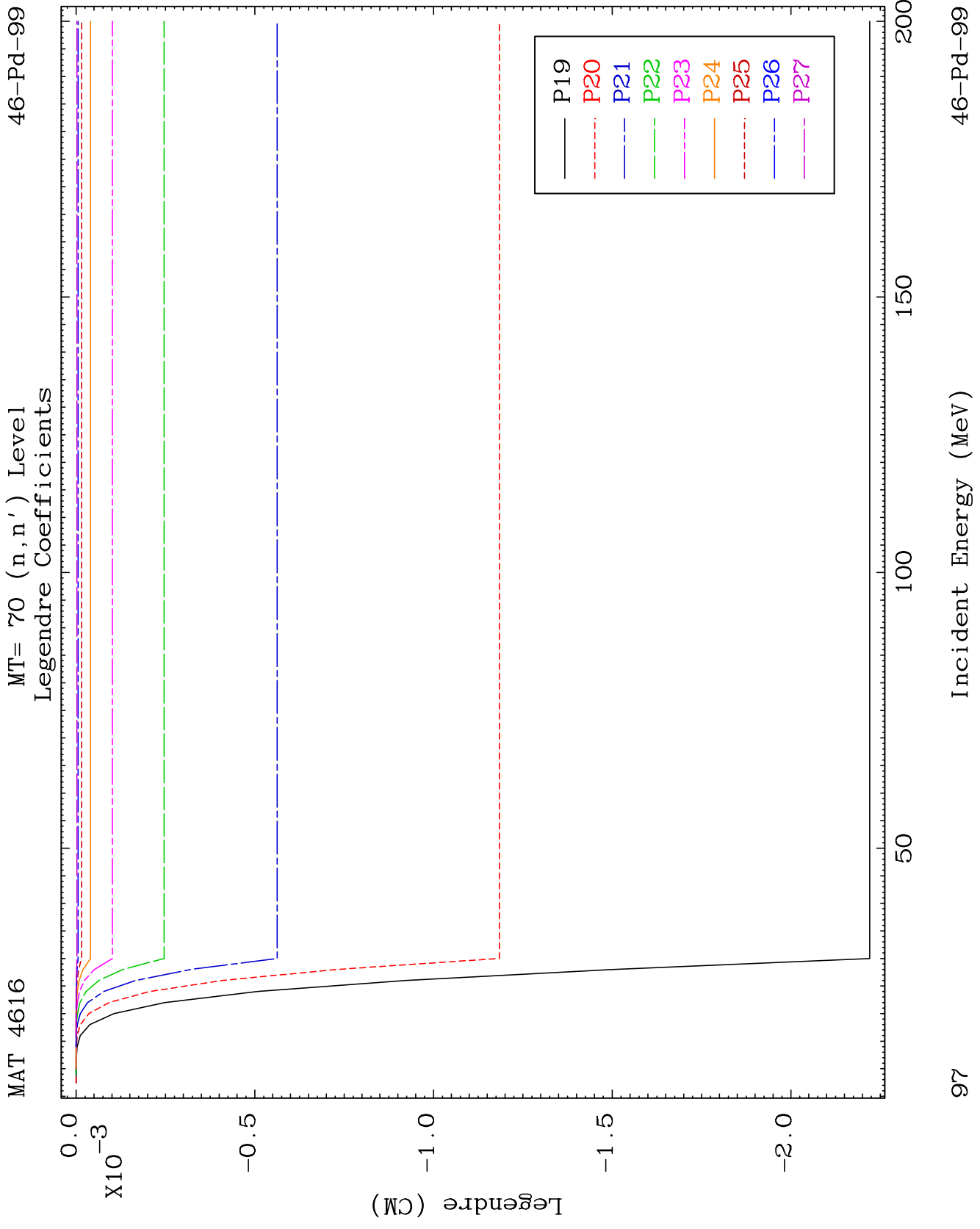
46-Pd-99

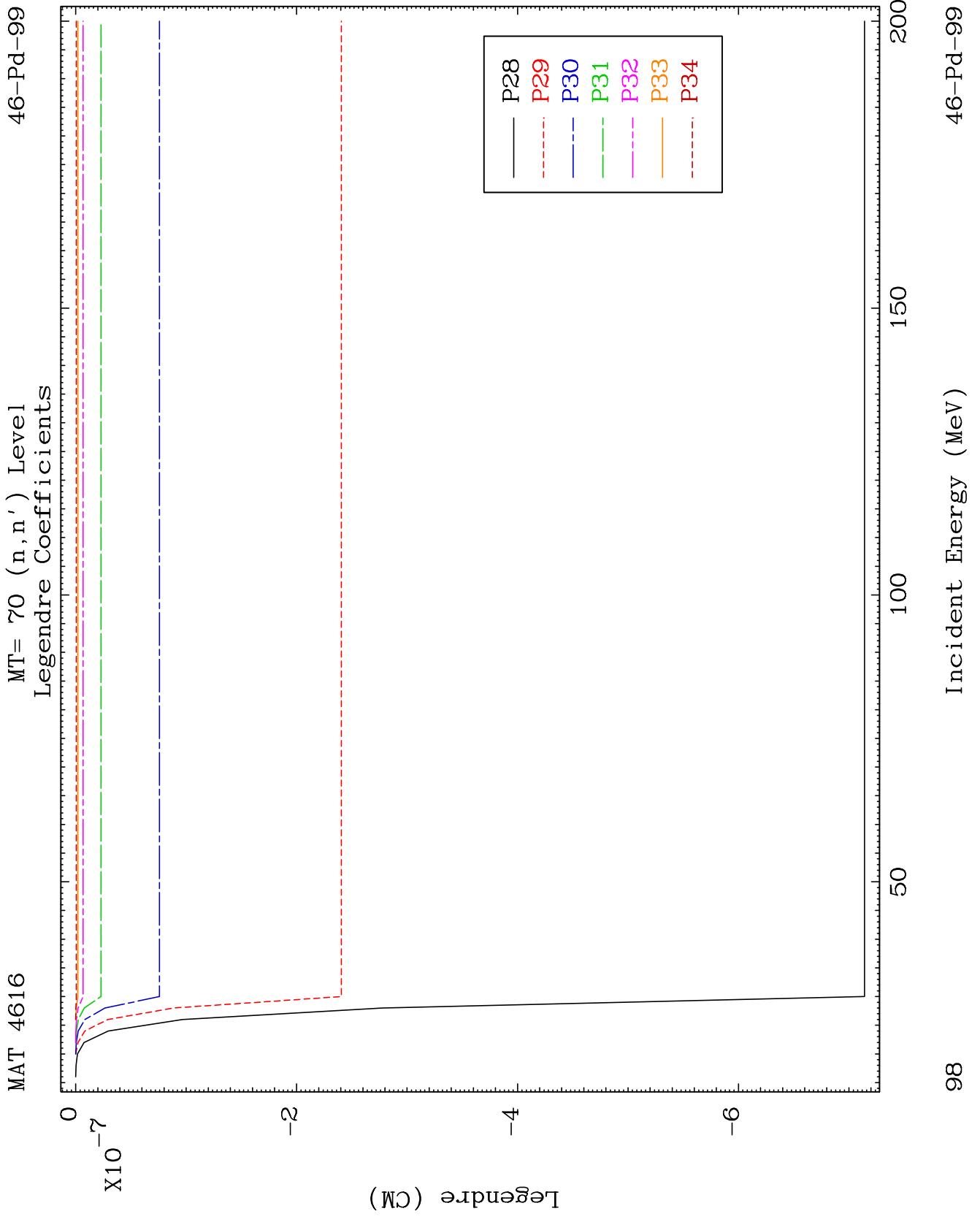


96

Incident Energy (MeV)

46-Pd-99

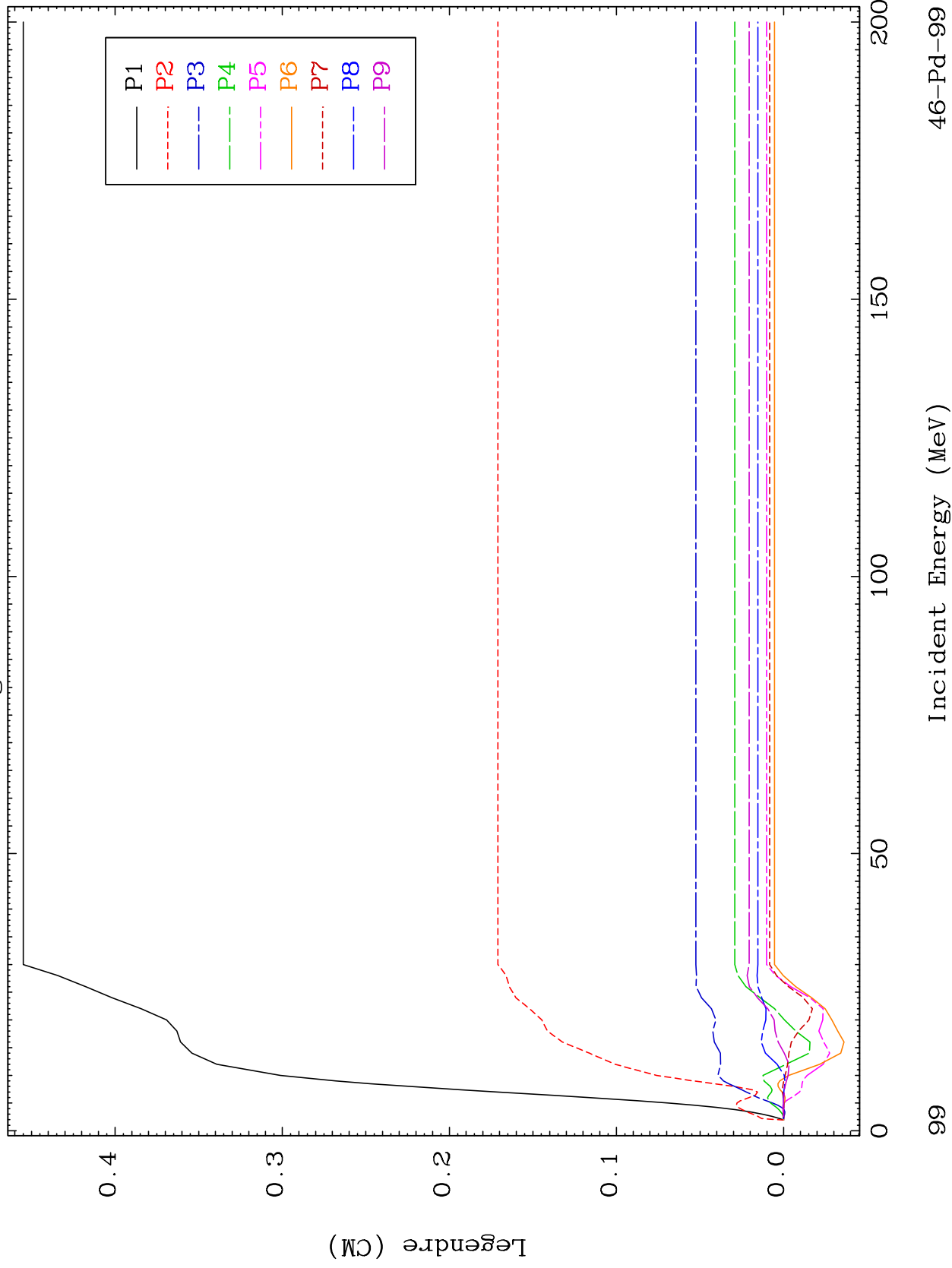




MAT 4616

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

46-Pd-99



46-Pd-99

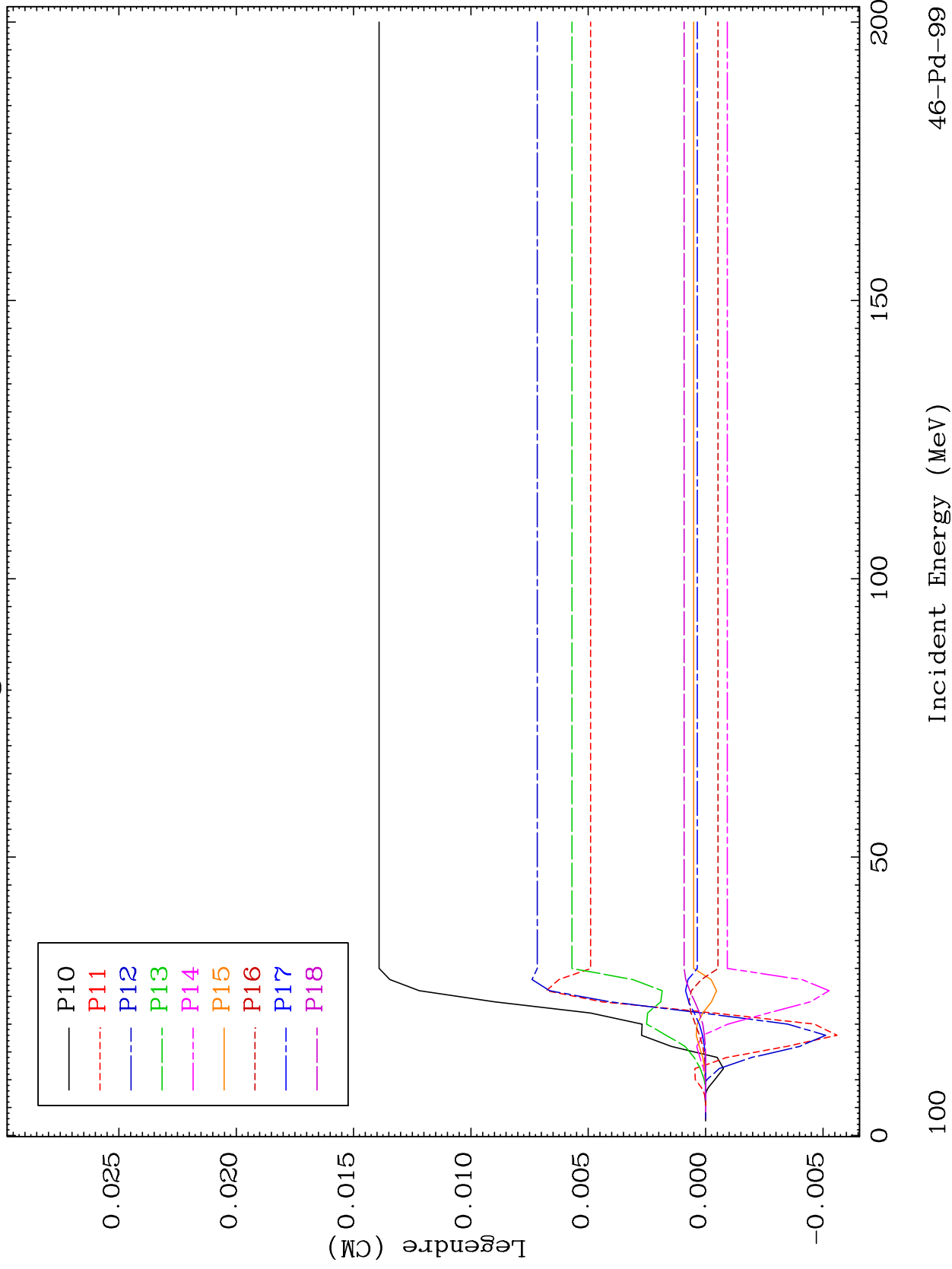
Incident Energy (MeV)

99

MAT 4616

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

46-Pd-99

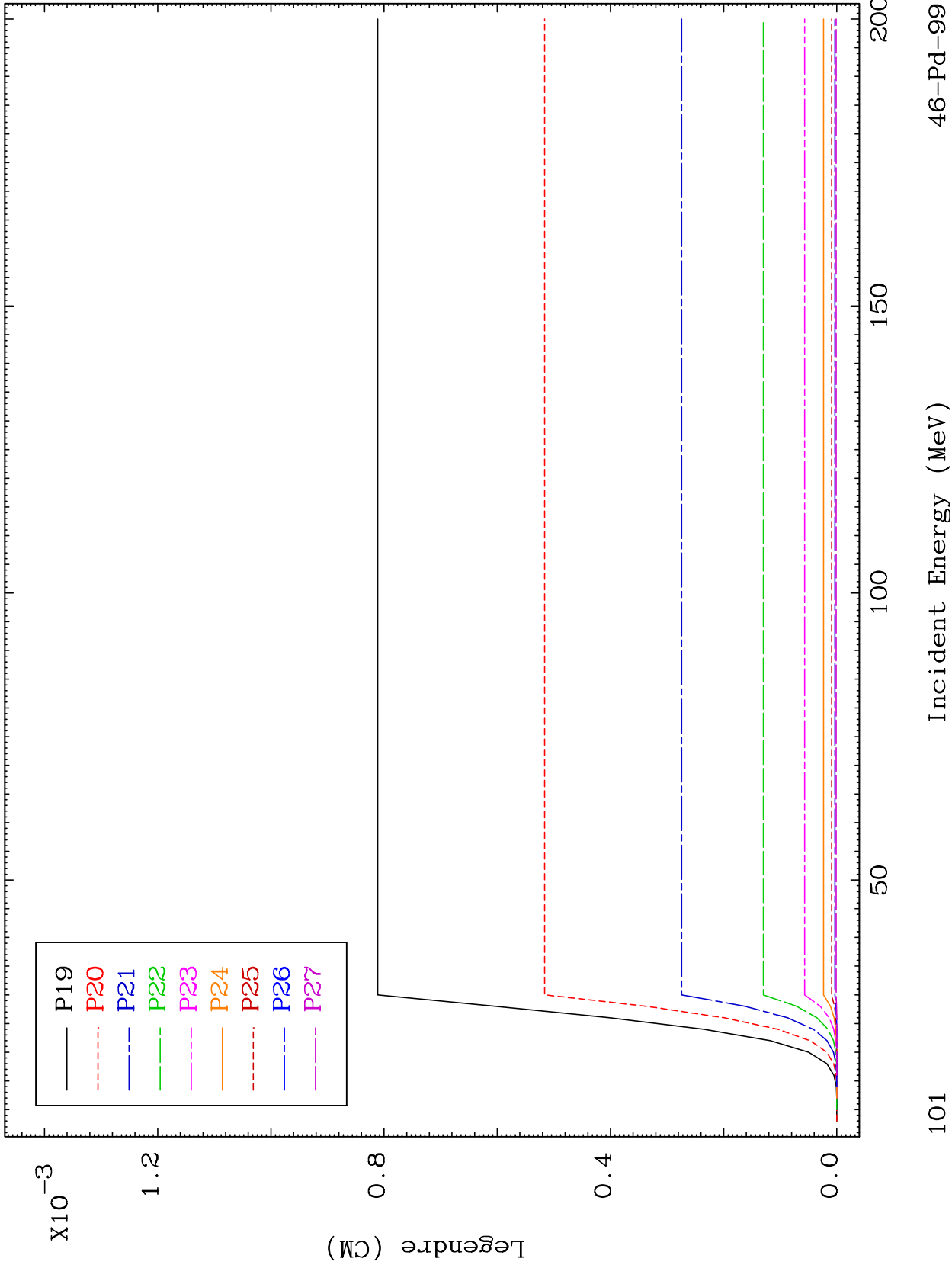


46-Pd-99

MAT 4616

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

46-Pd-99

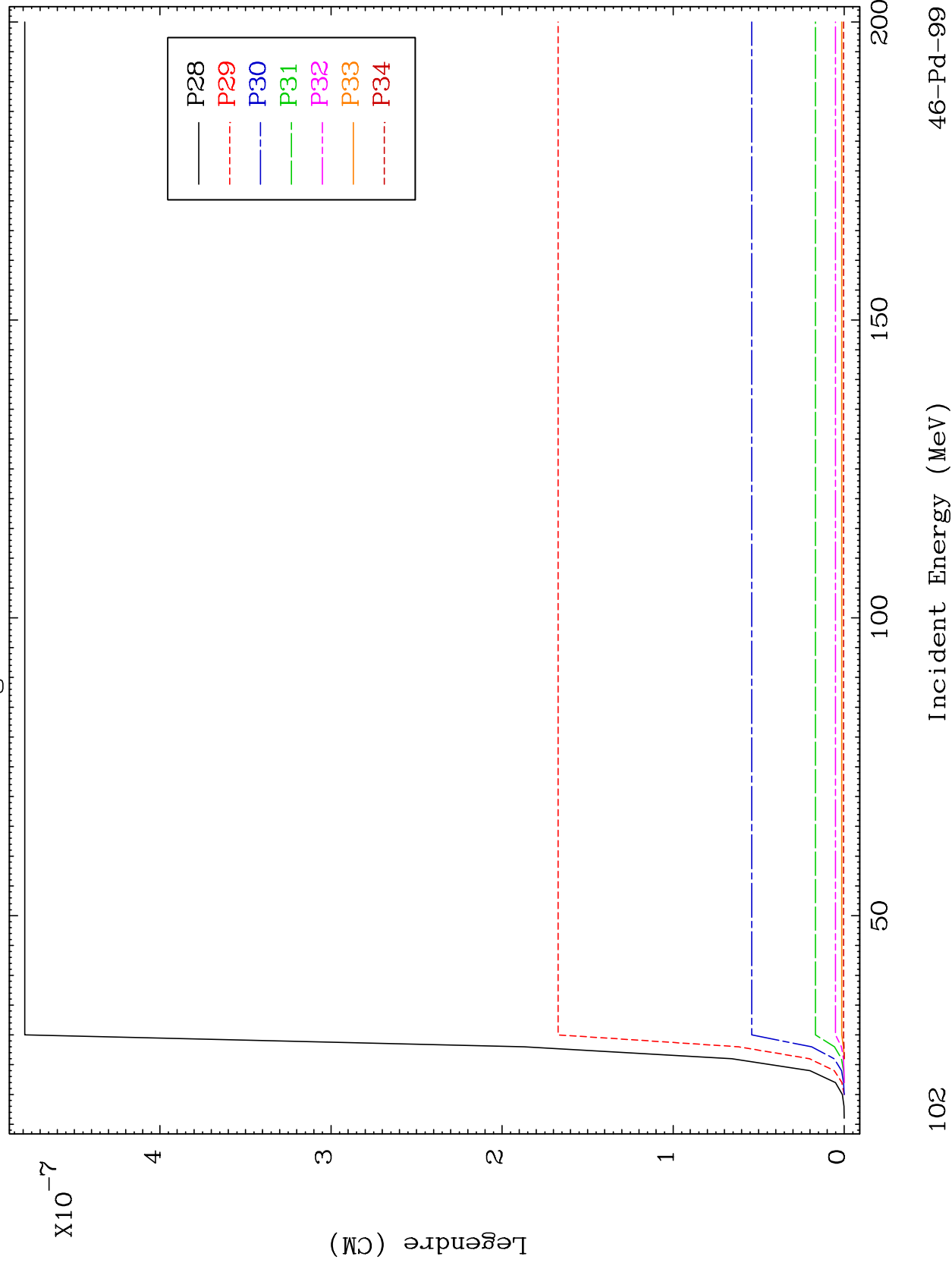


101

MAT 4616

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

46-Pd-99

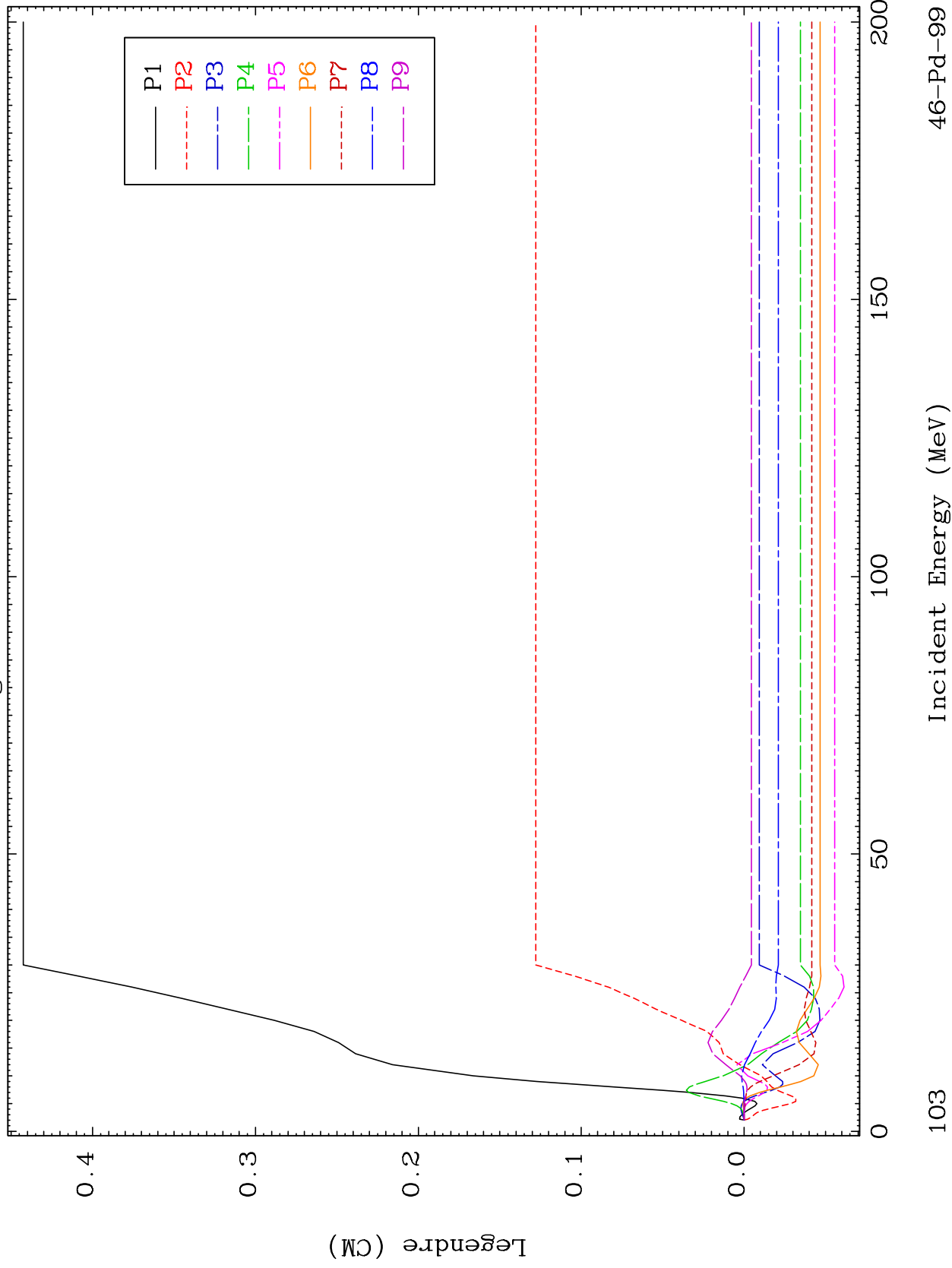


102

MAT 4616

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

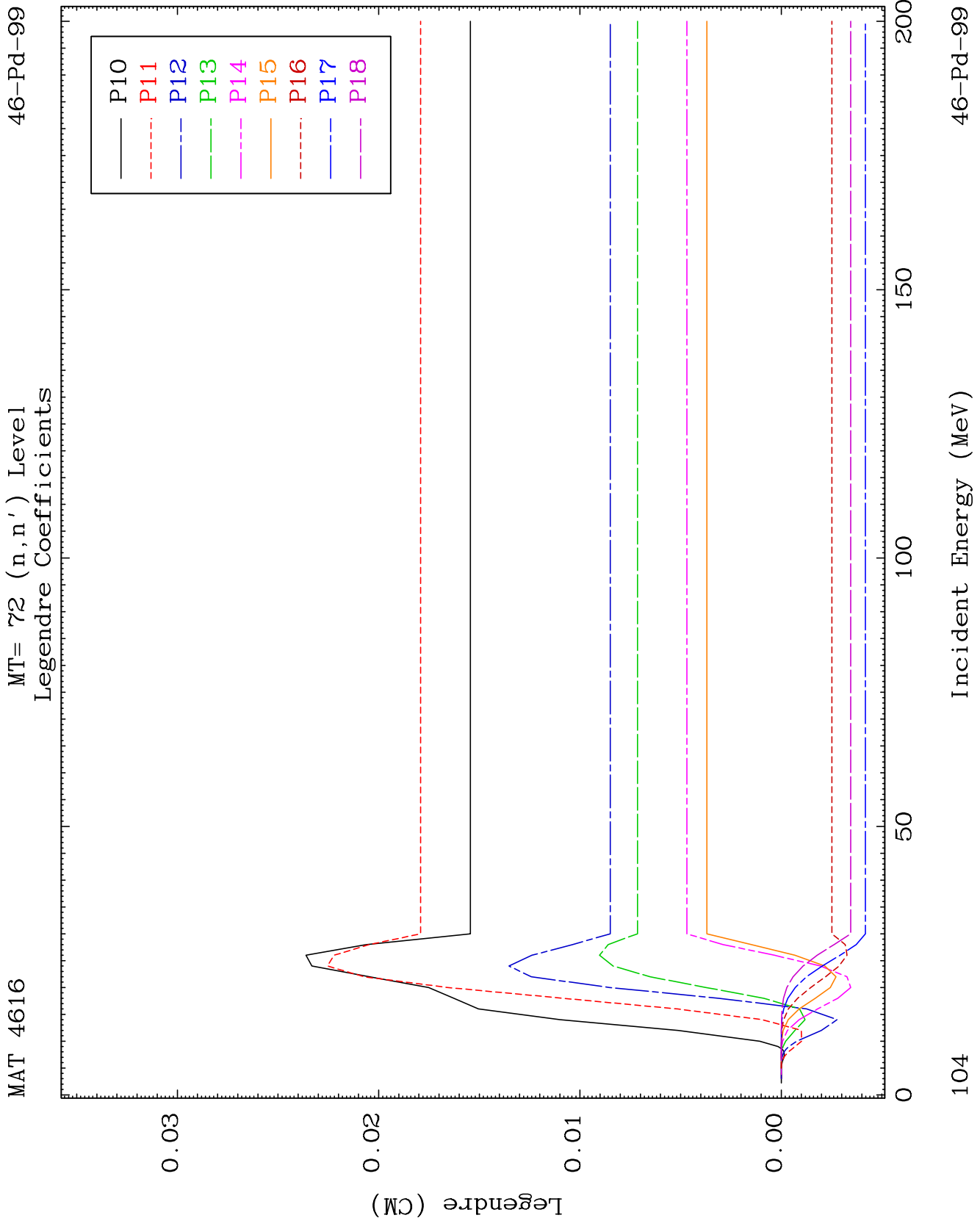
46-Pd-99

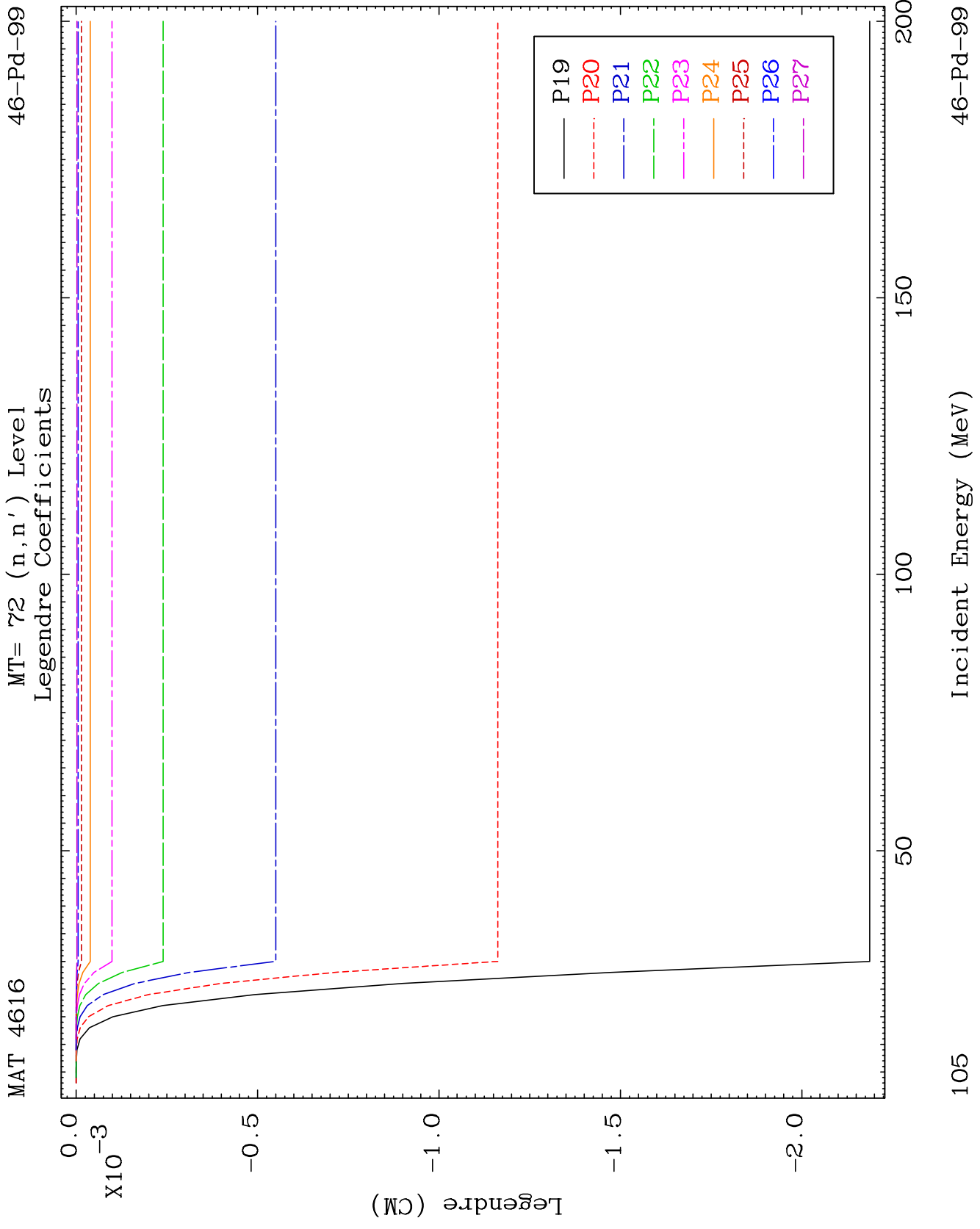


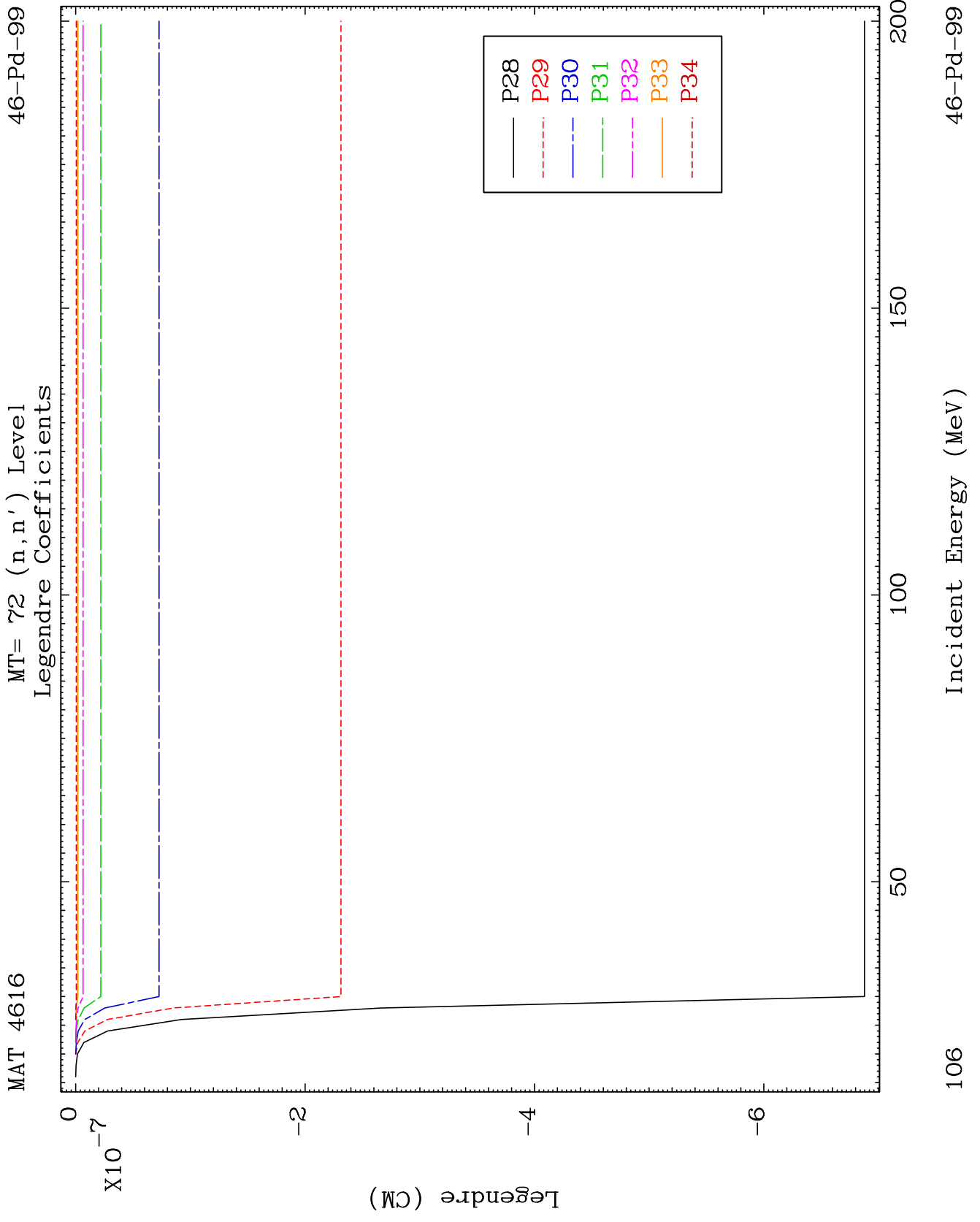
46-Pd-99

Incident Energy (MeV)

103



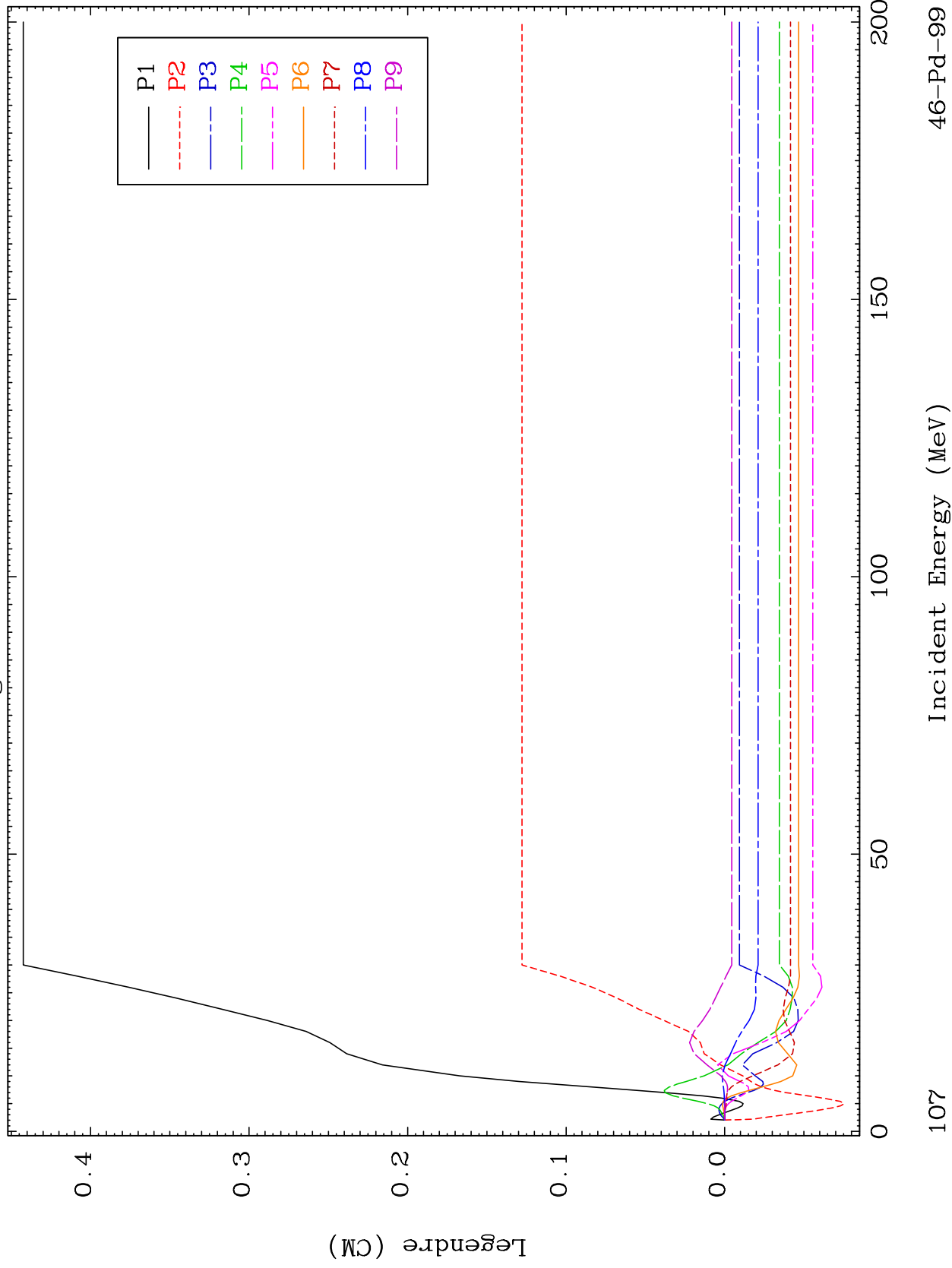




MAT 4616

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

46-Pd-99



46-Pd-99

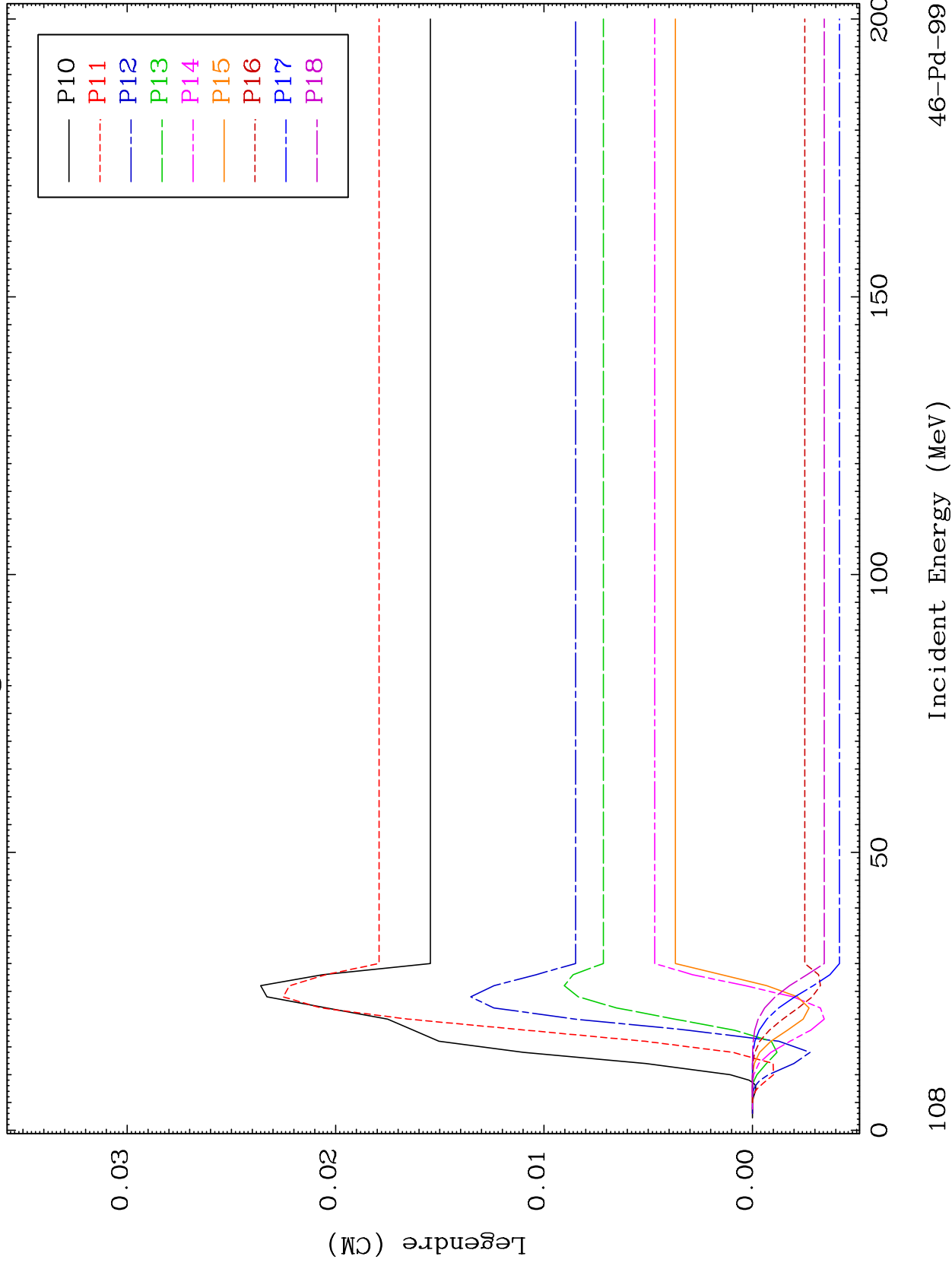
Incident Energy (MeV)

107

MAT 4616

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

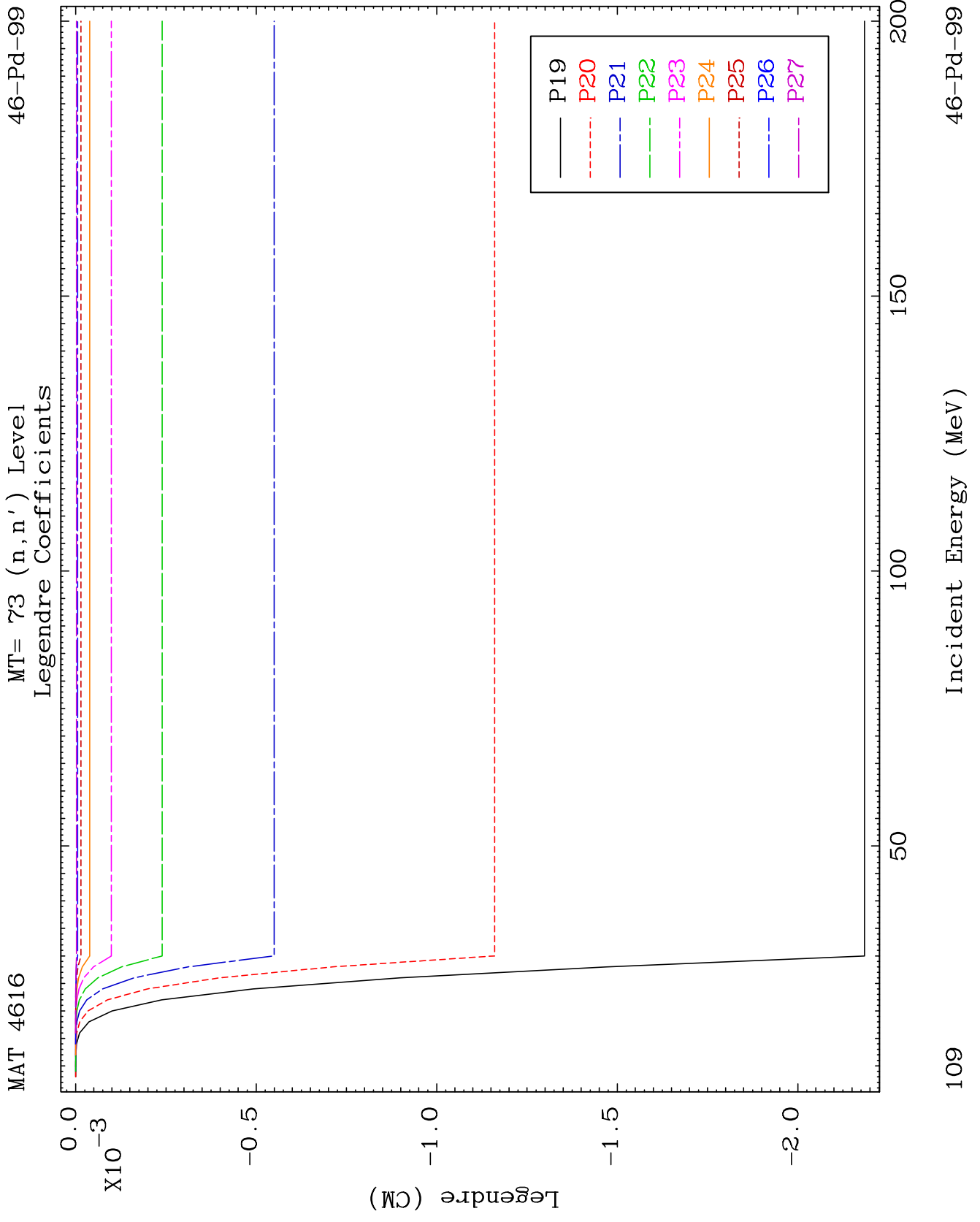
46-Pd-99

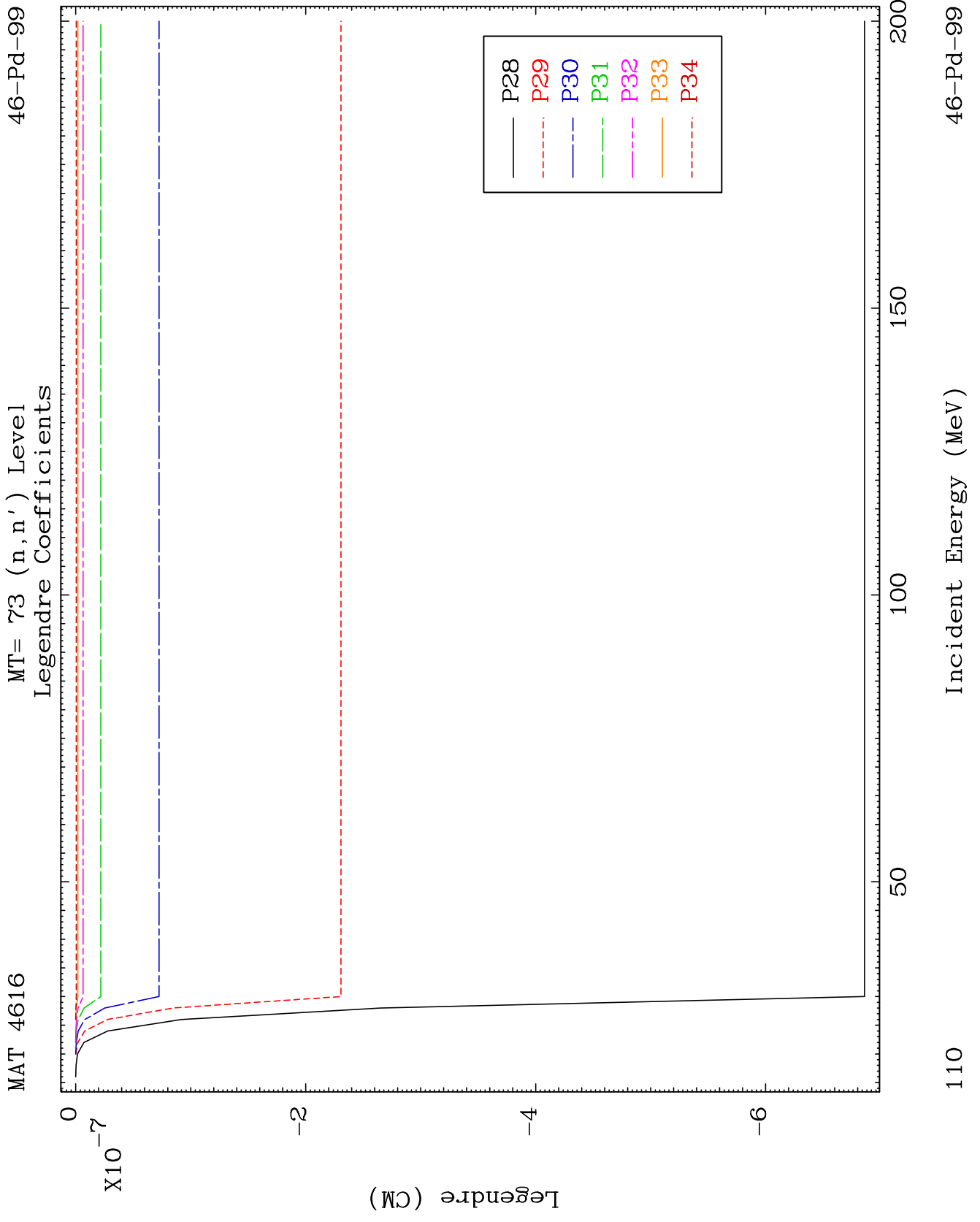


46-Pd-99

Incident Energy (MeV)

108

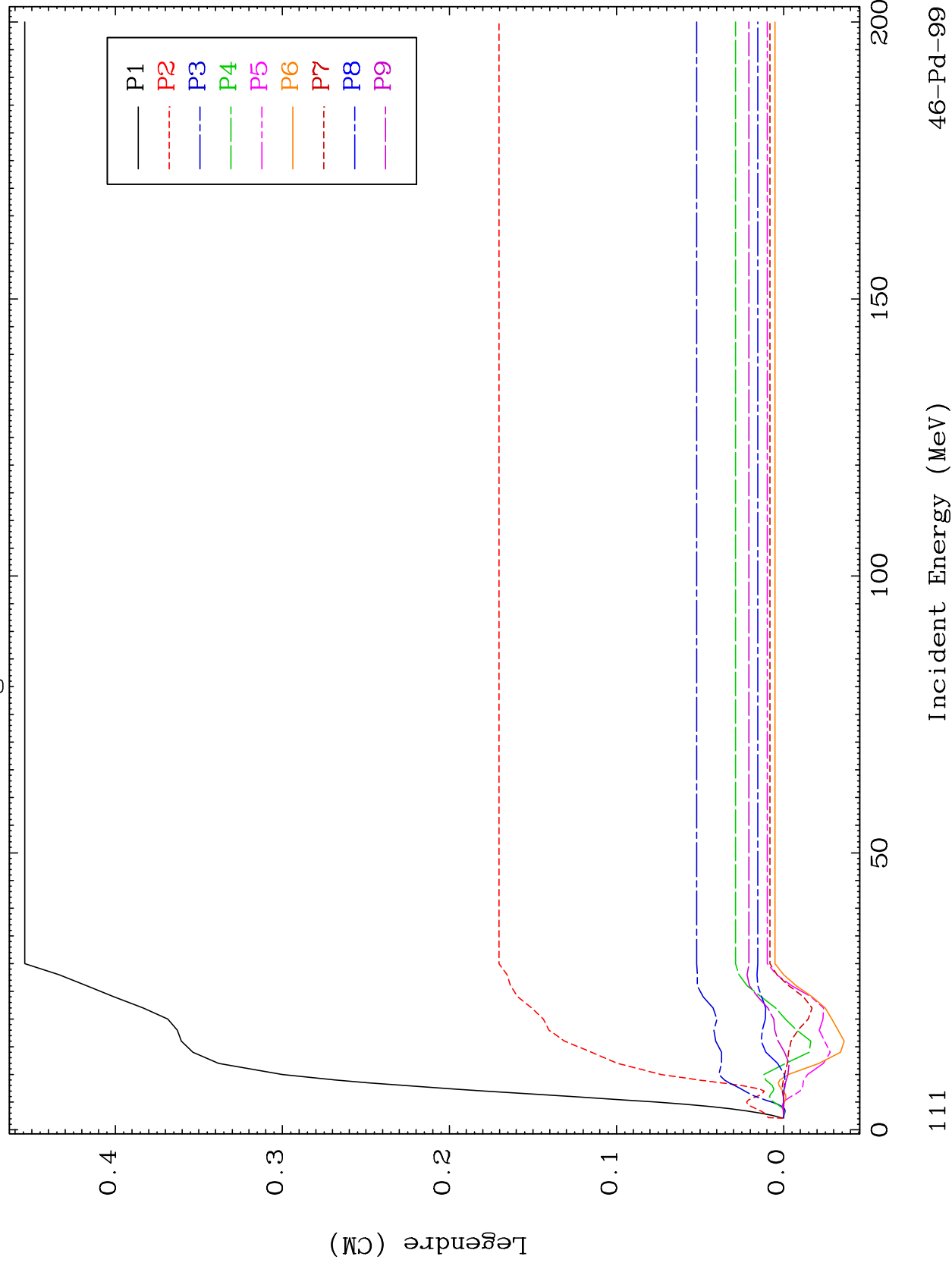




MAT 4616

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

46-Pd-99



111

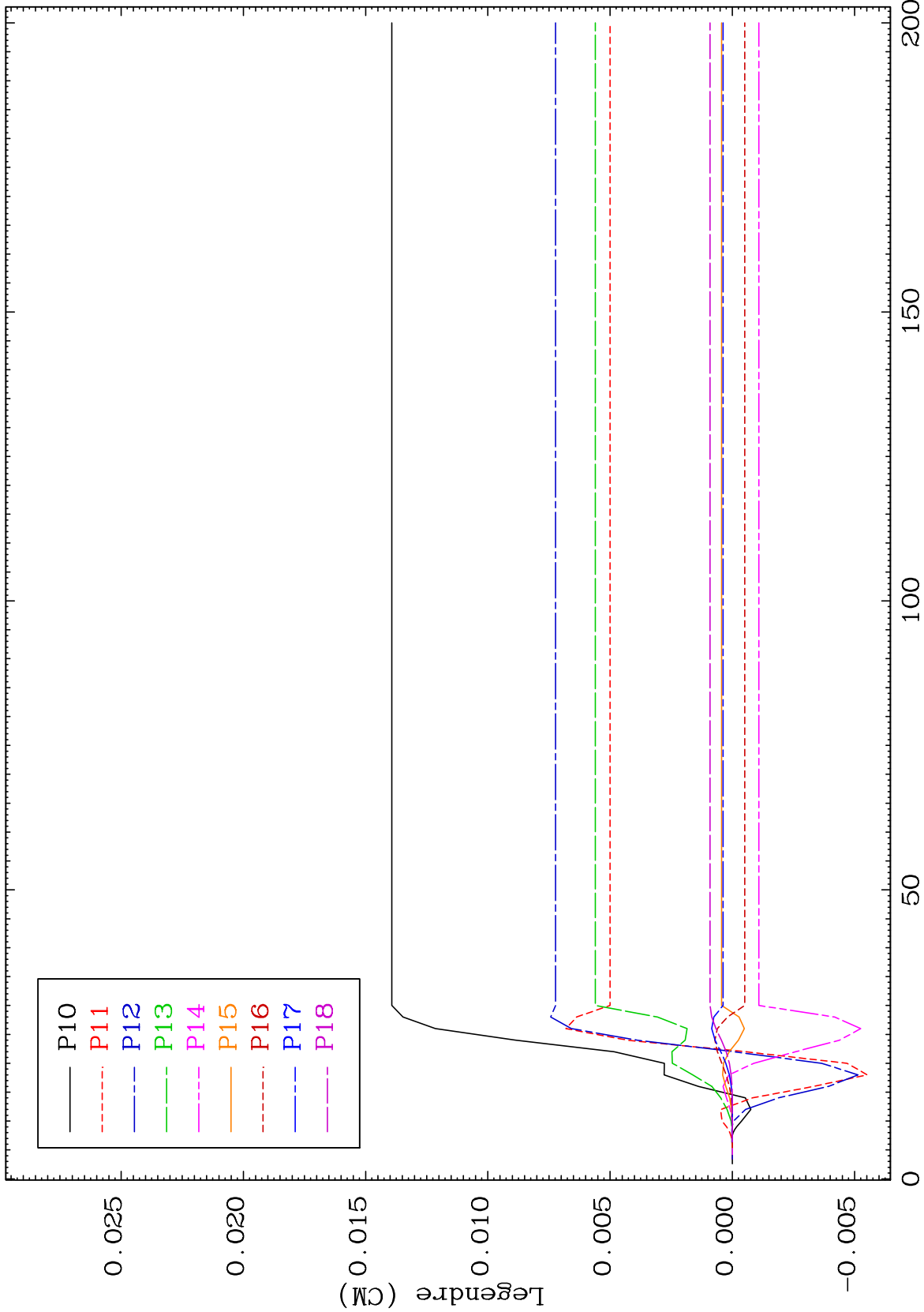
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



112

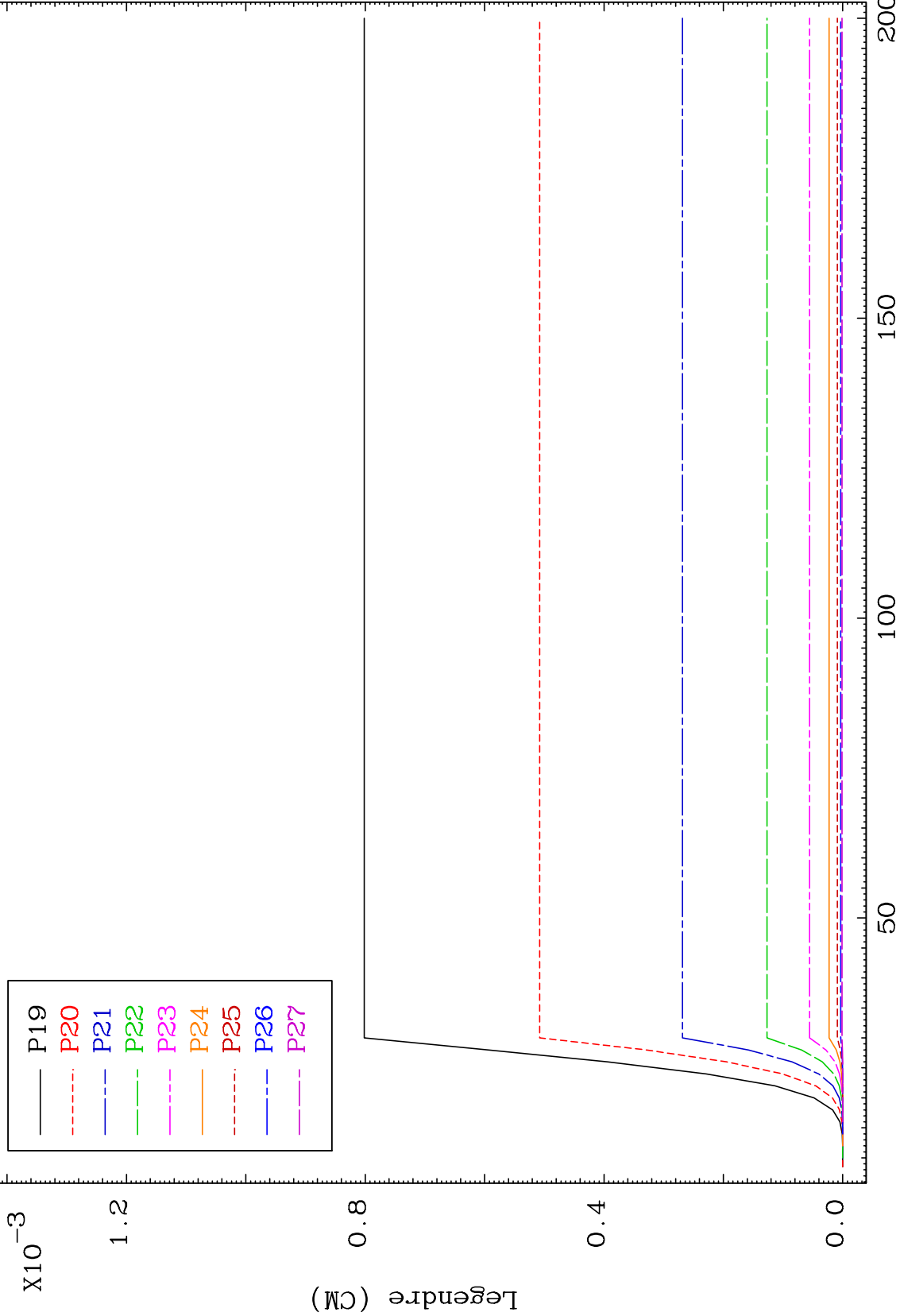
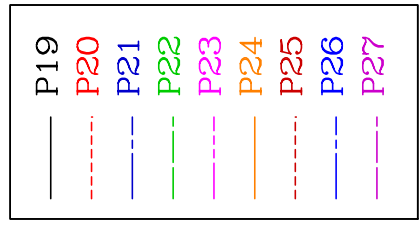
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



113

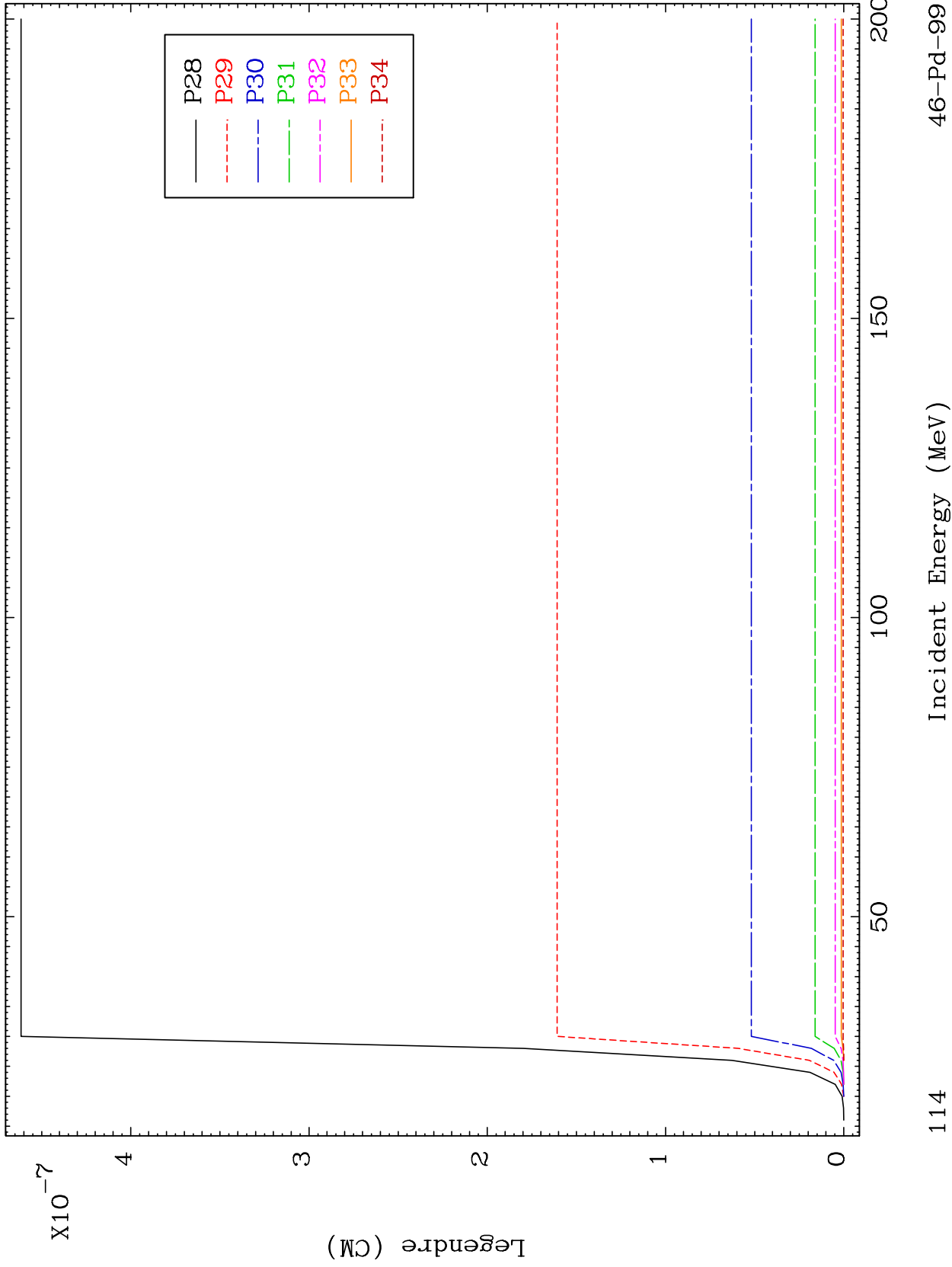
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



114

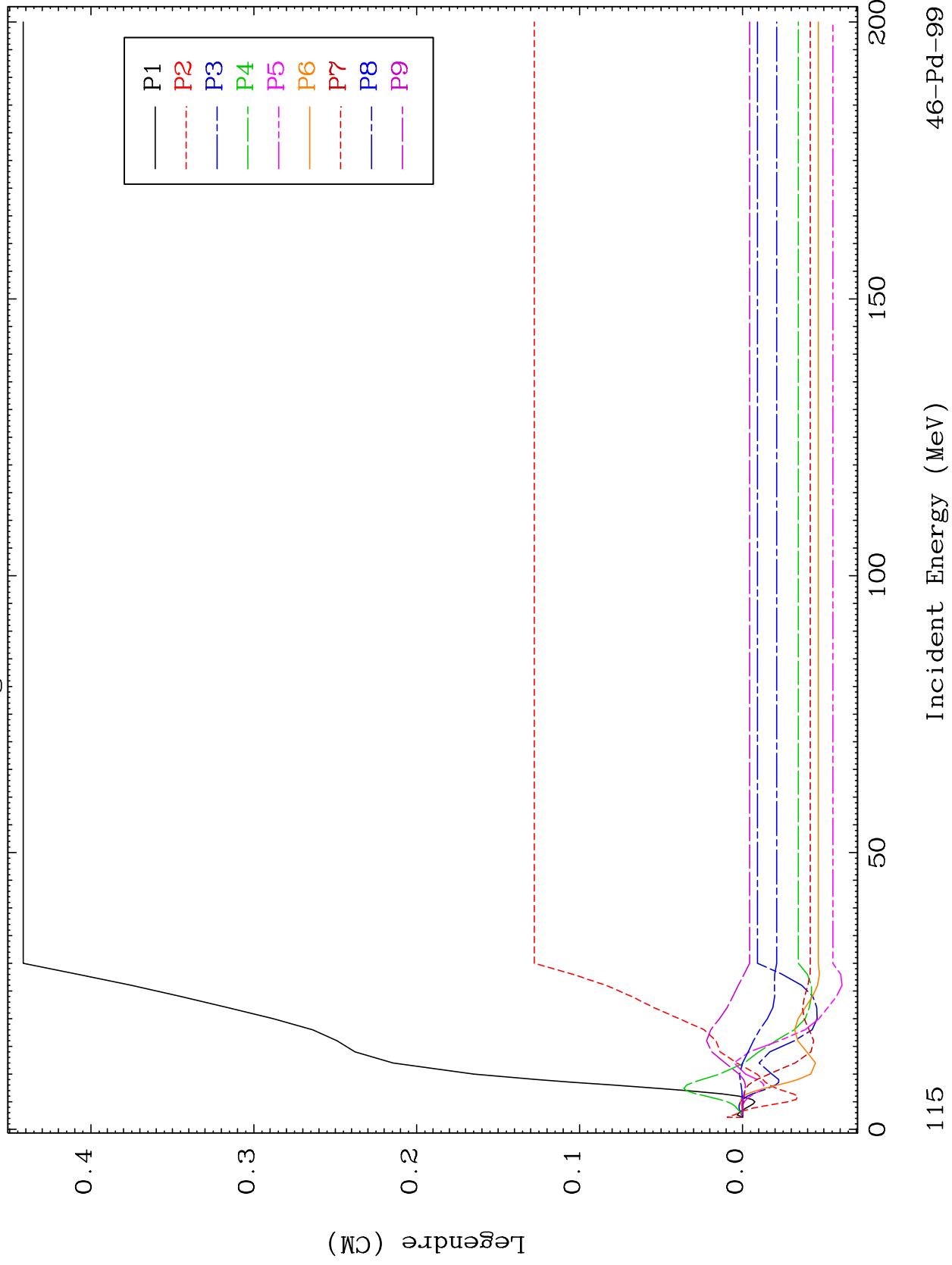
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

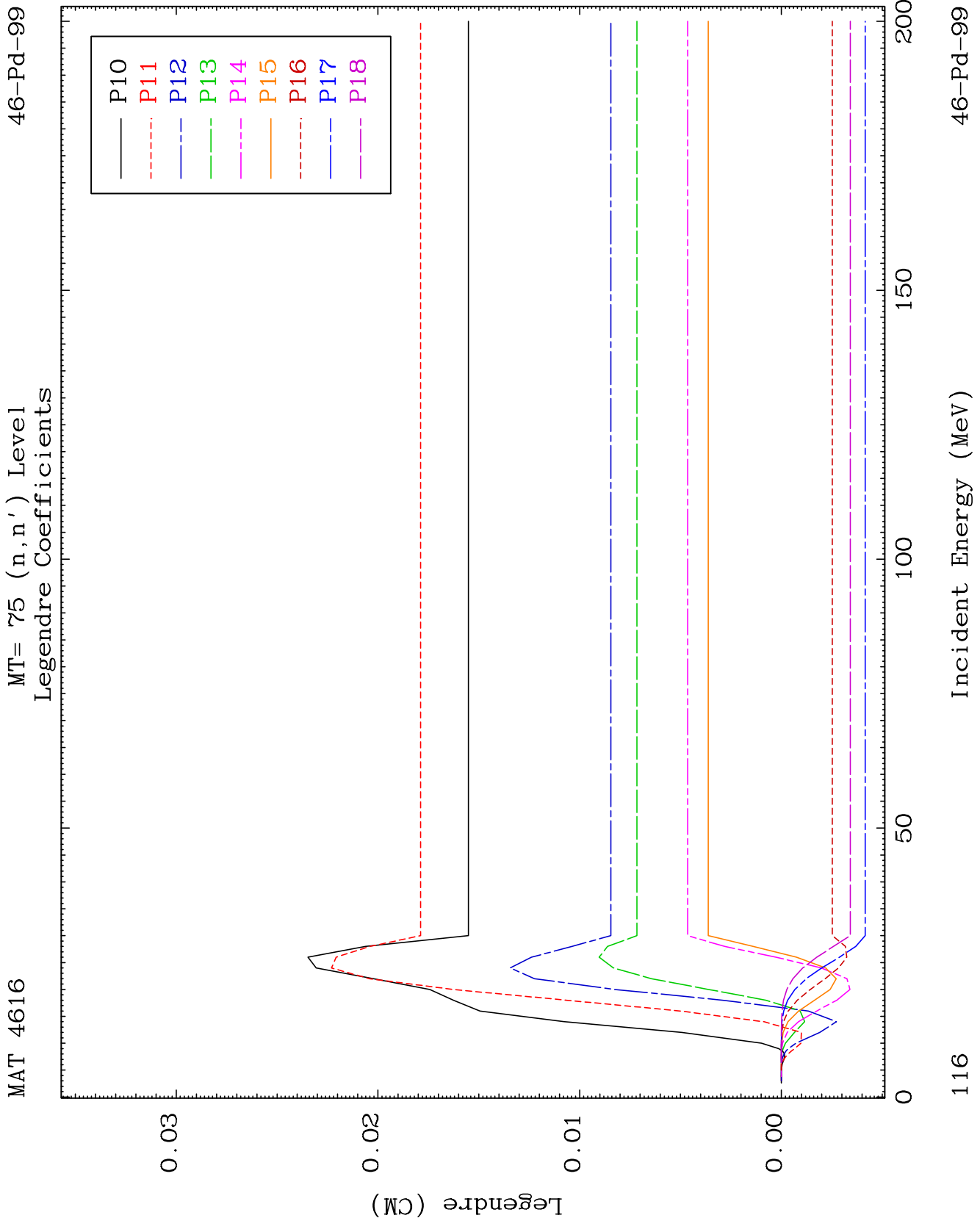
46-Pd-99

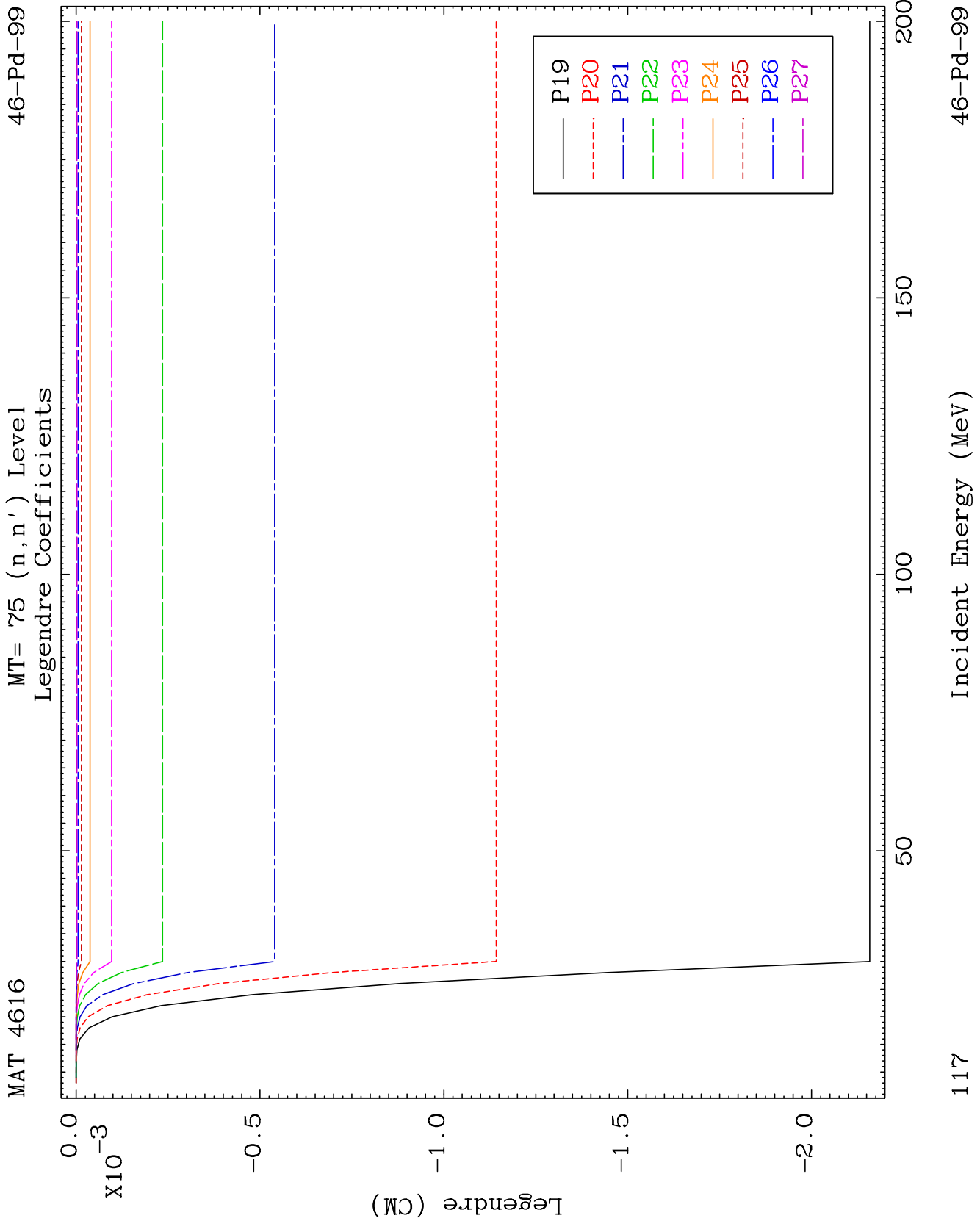


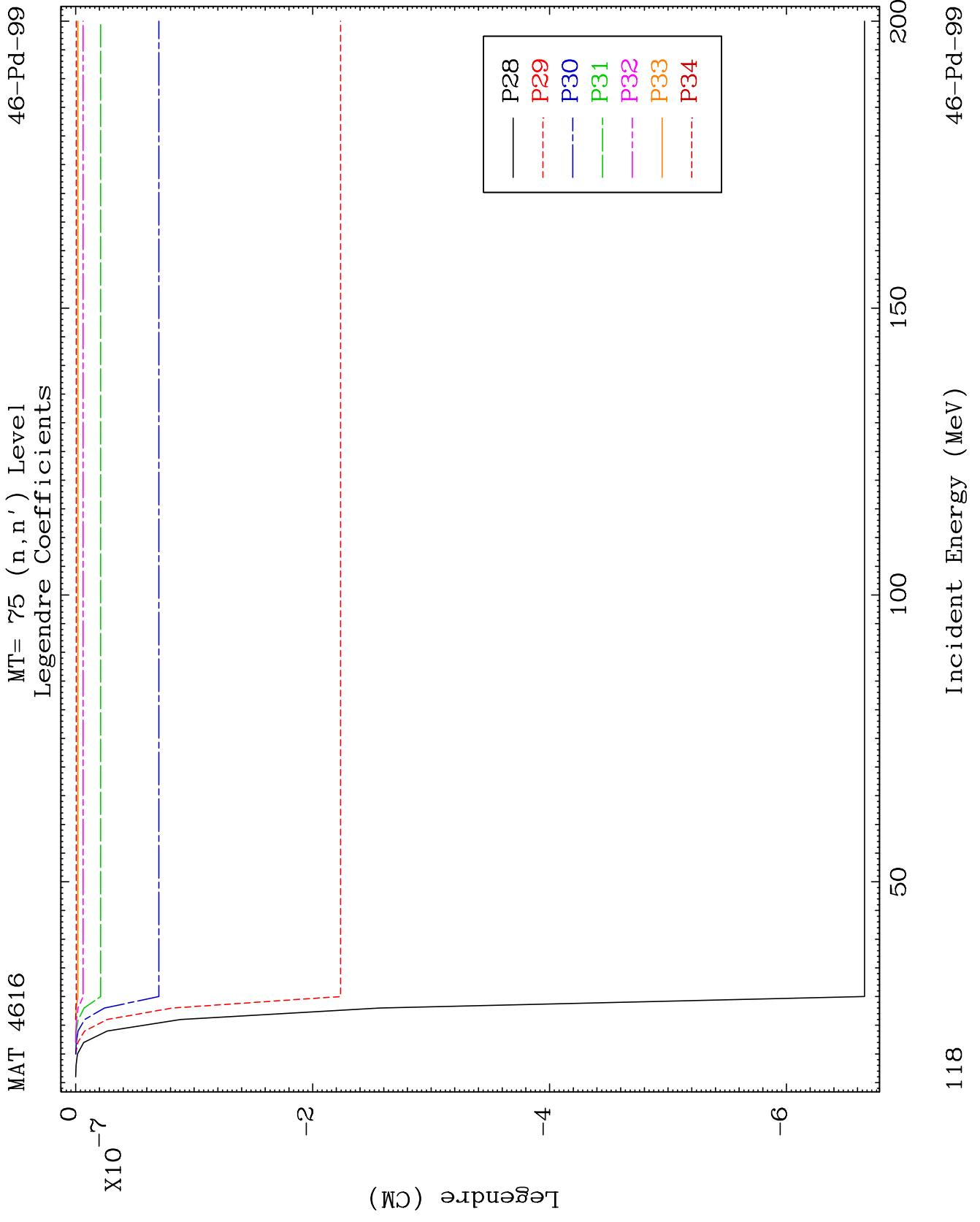
46-Pd-99

Incident Energy (MeV)

115



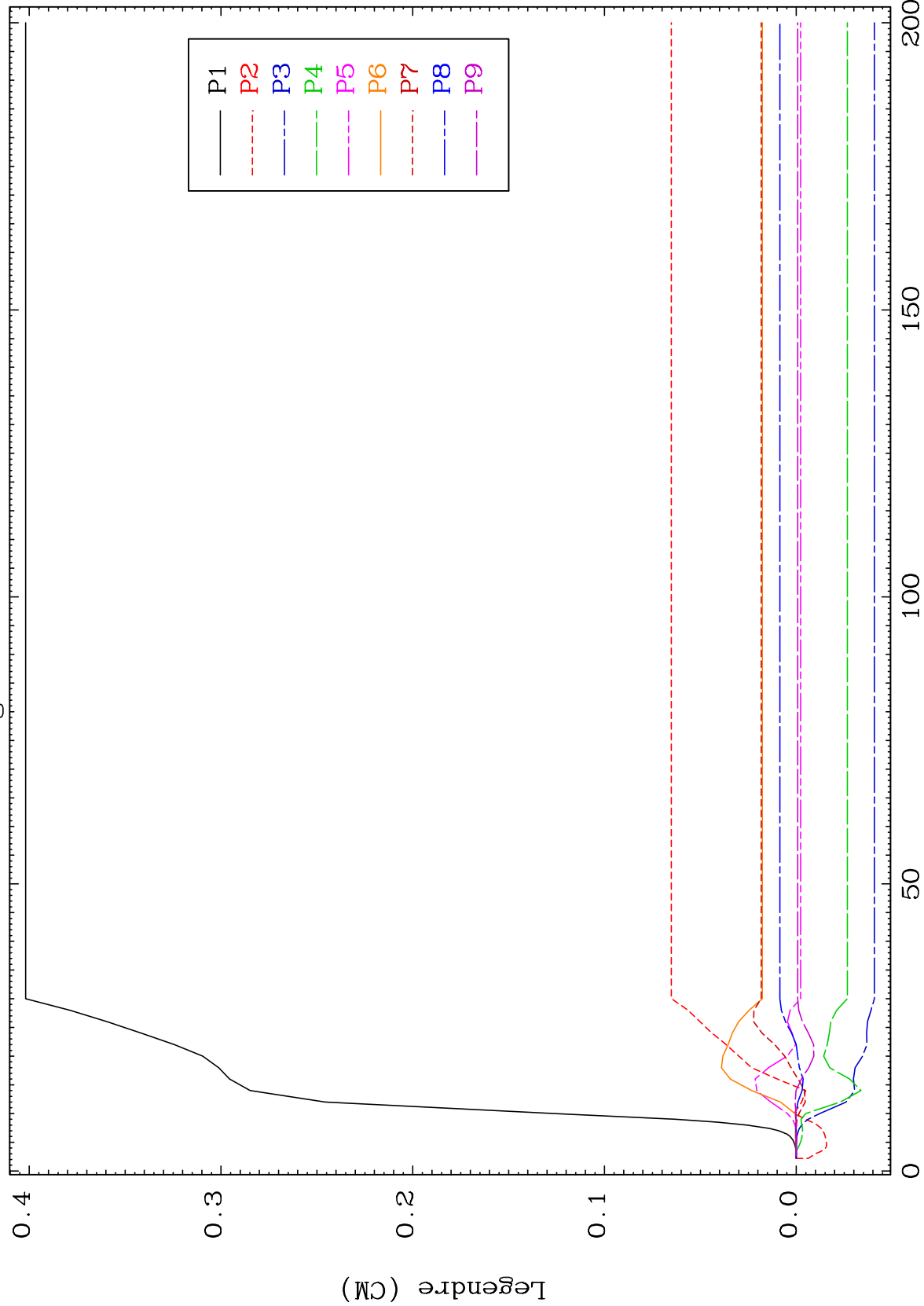




MAT 4616

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

46-Pd-99



119

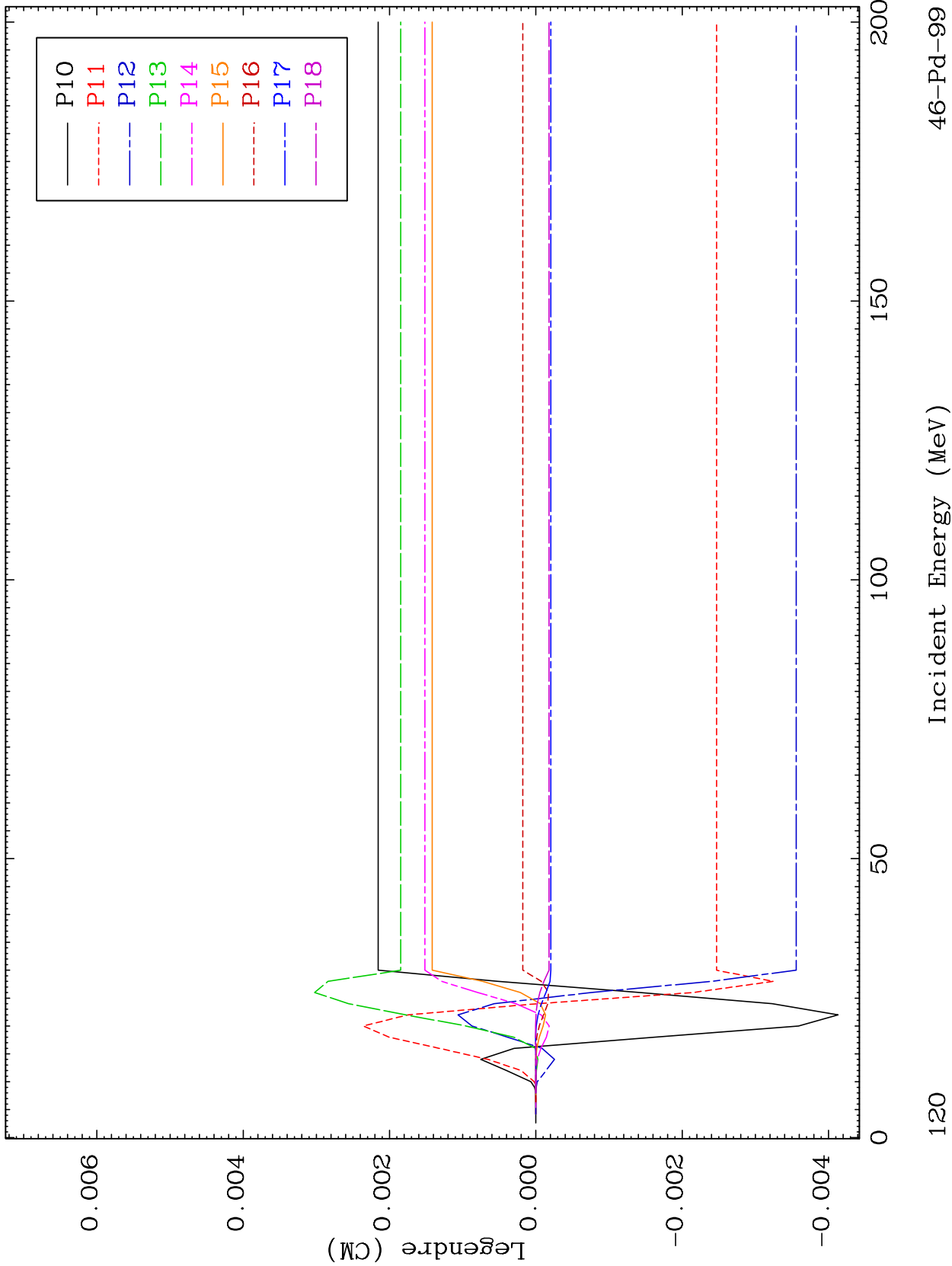
Incident Energy (MeV)

46-Pd-99

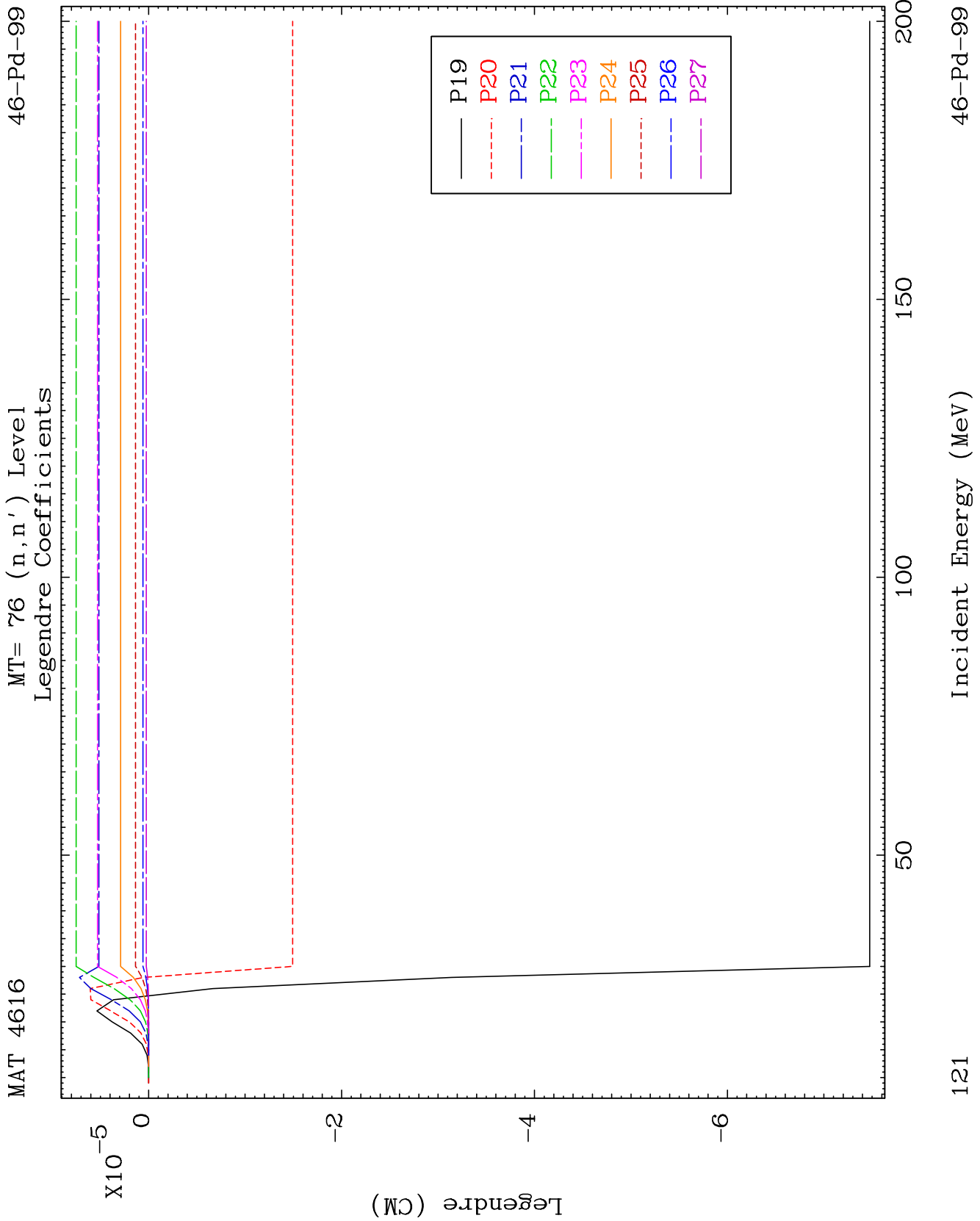
MAT 4616

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

46-Pd-99



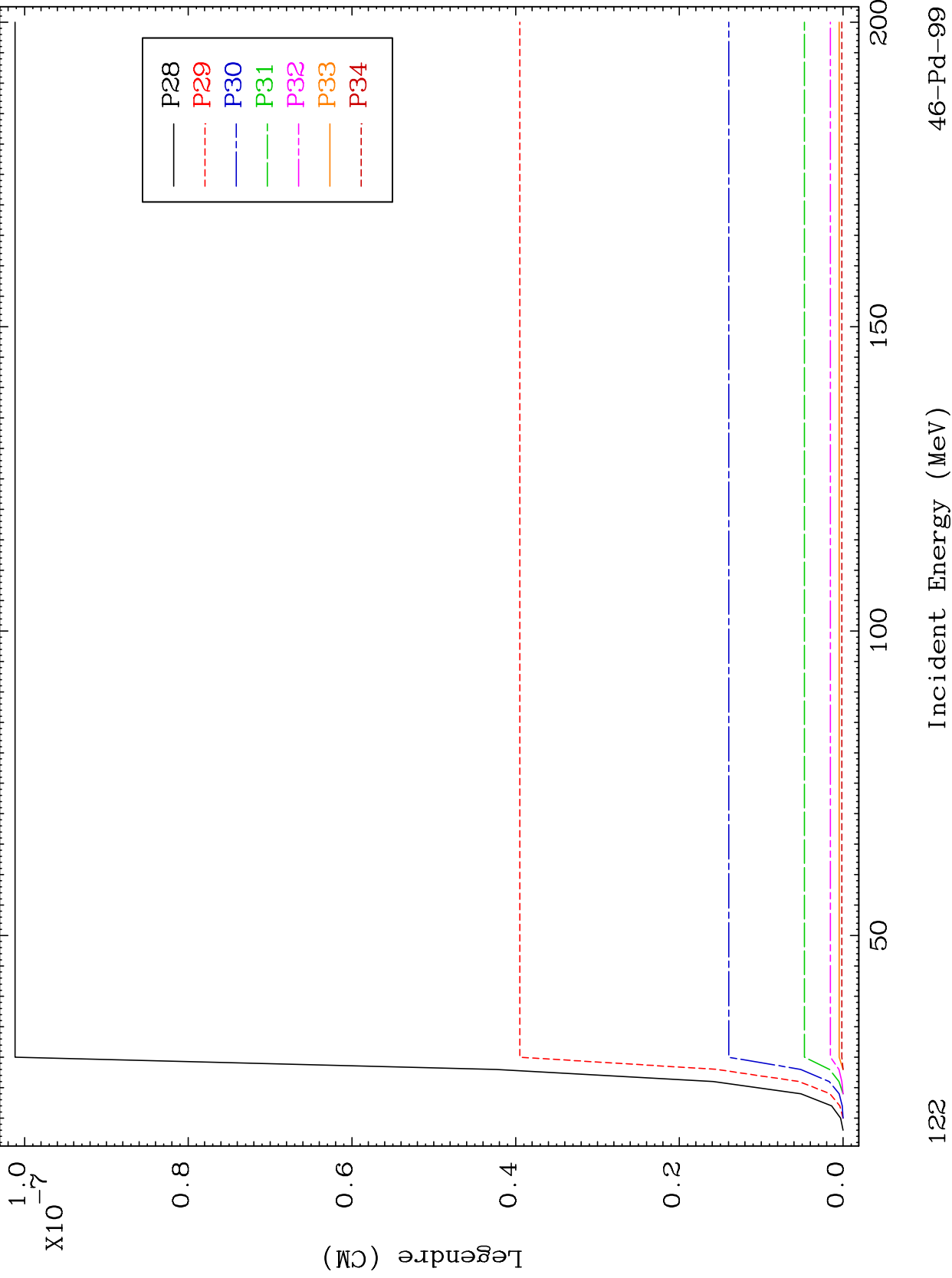
46-Pd-99



MAT 4616

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

46-Pd-99

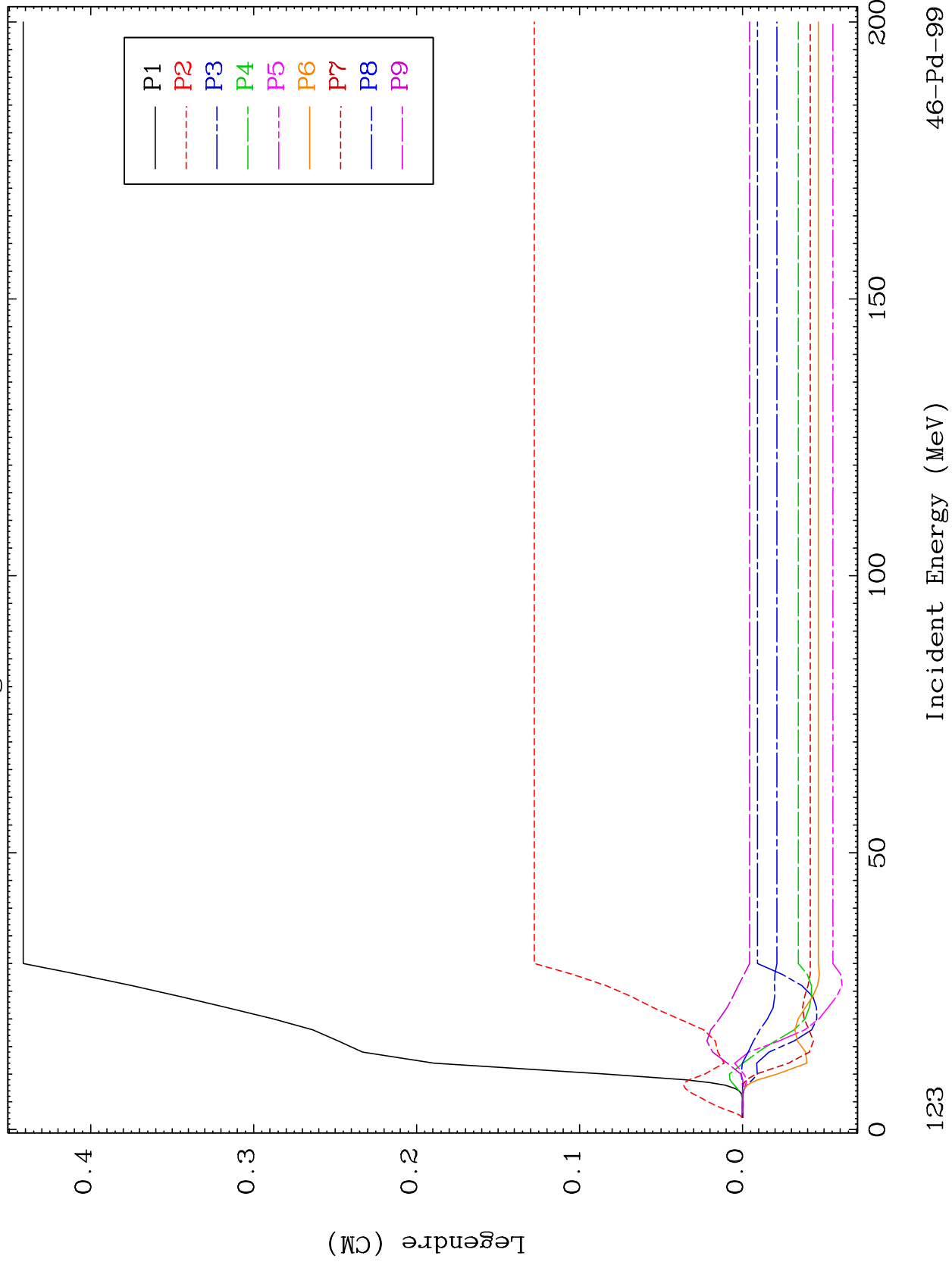


122

MAT 4616

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

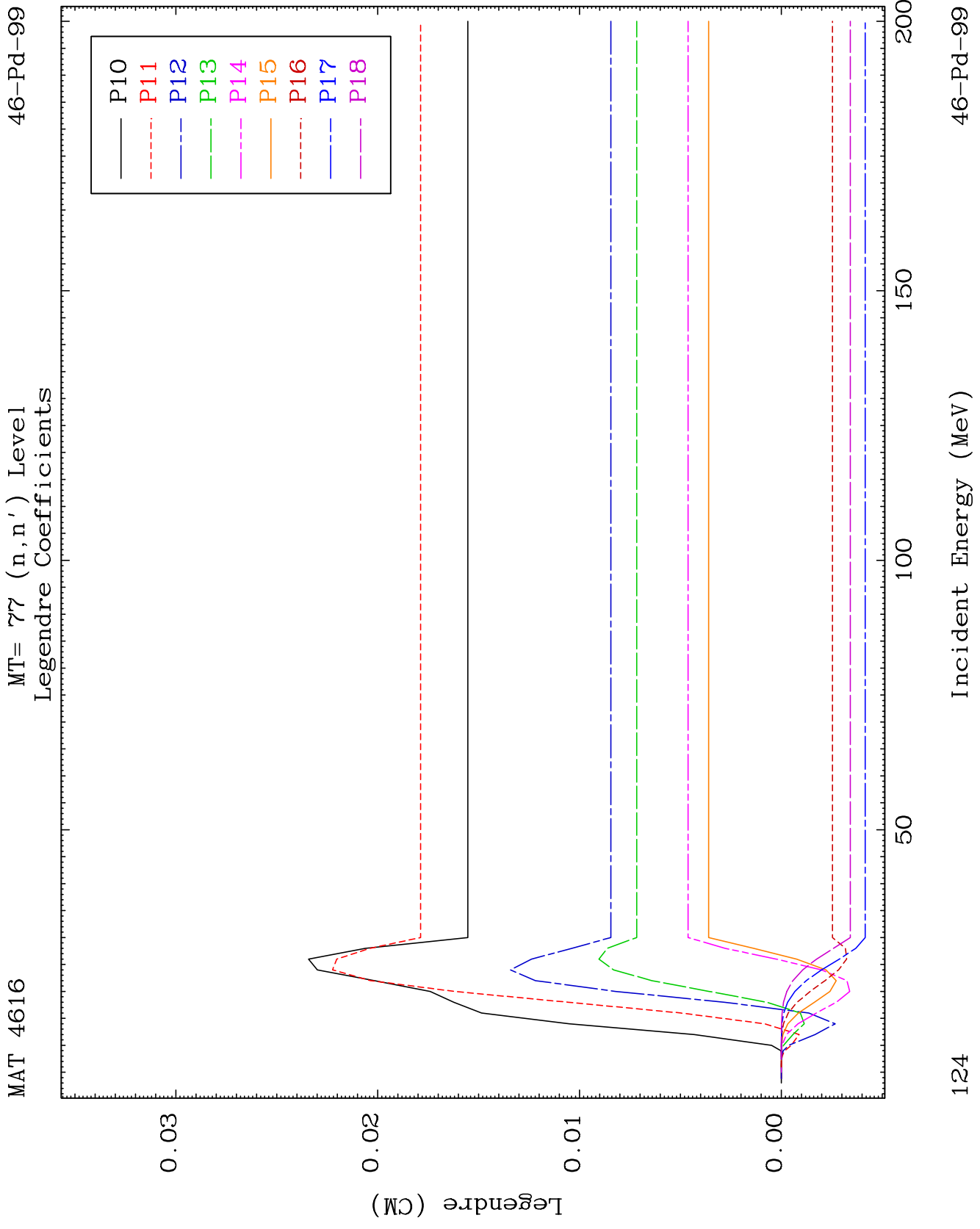
46-Pd-99

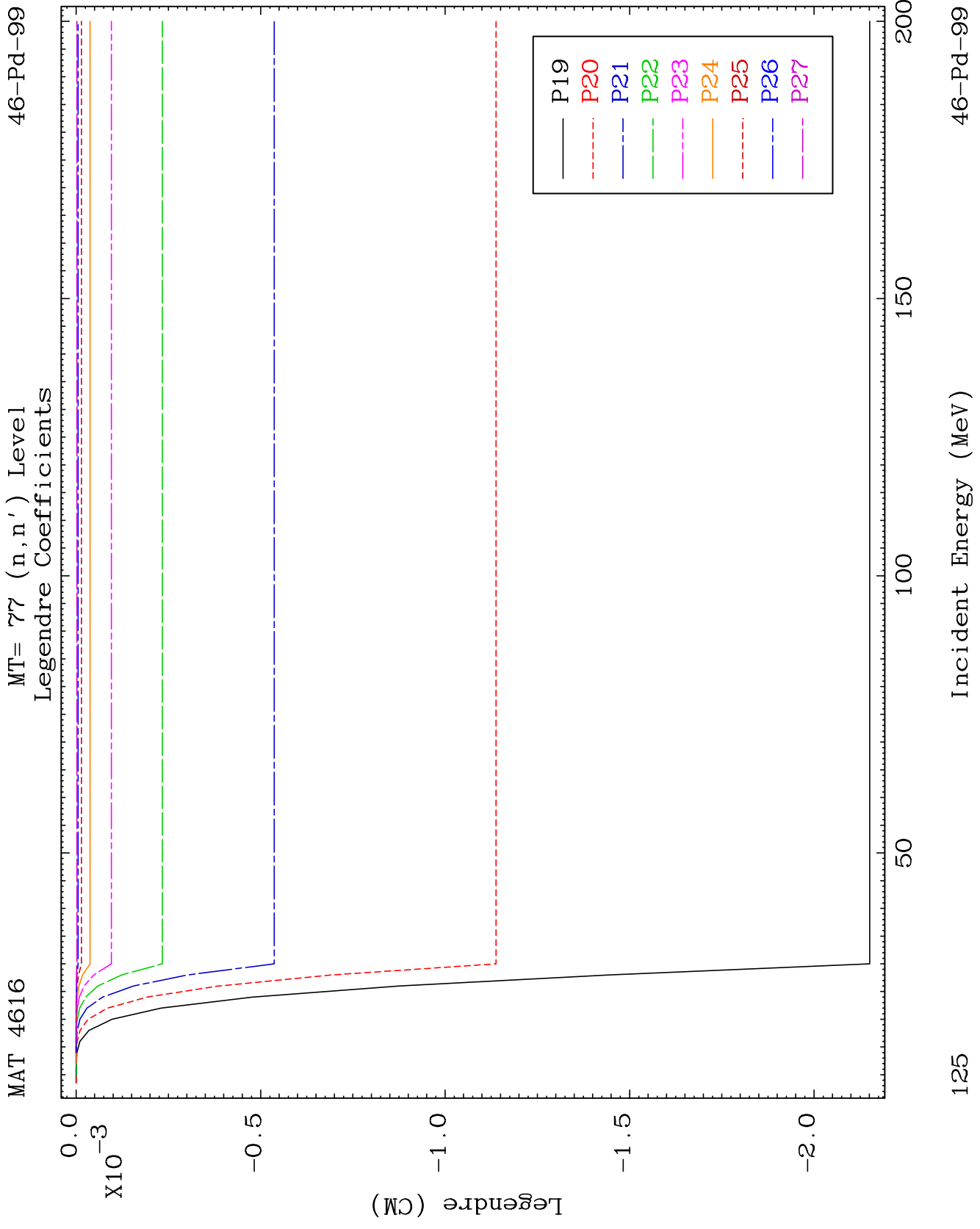


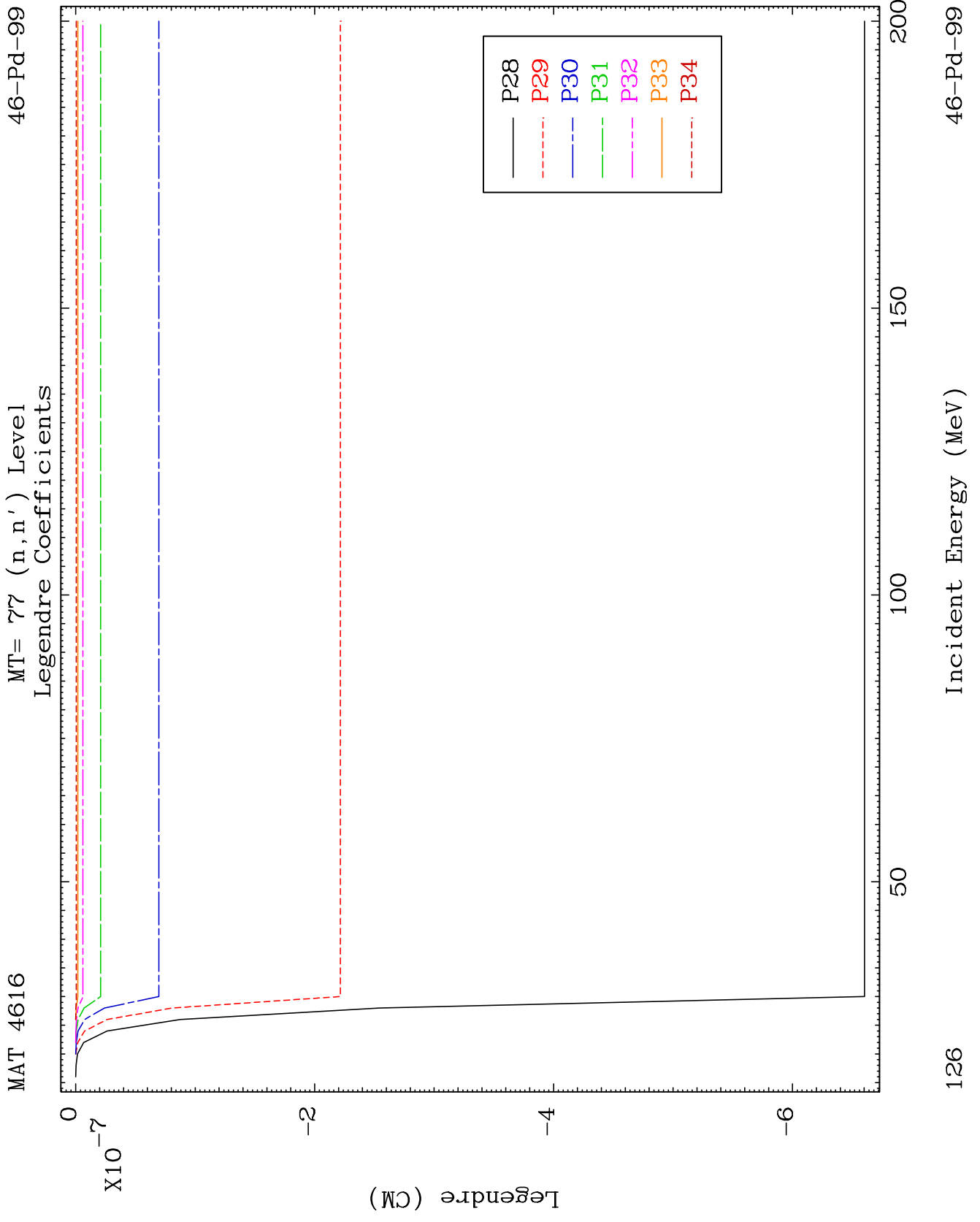
123

Incident Energy (MeV)

46-Pd-99



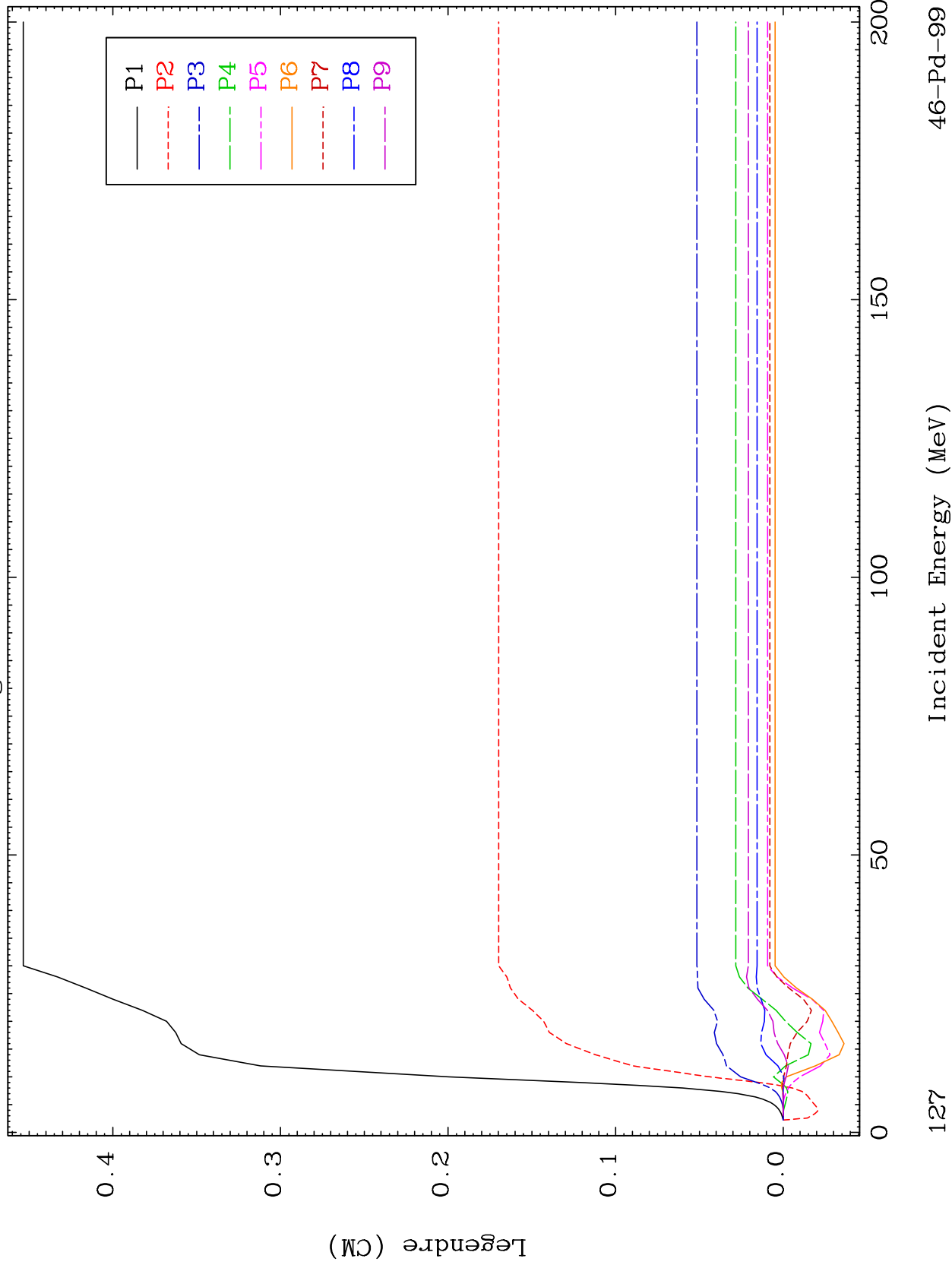




MAT 4616

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

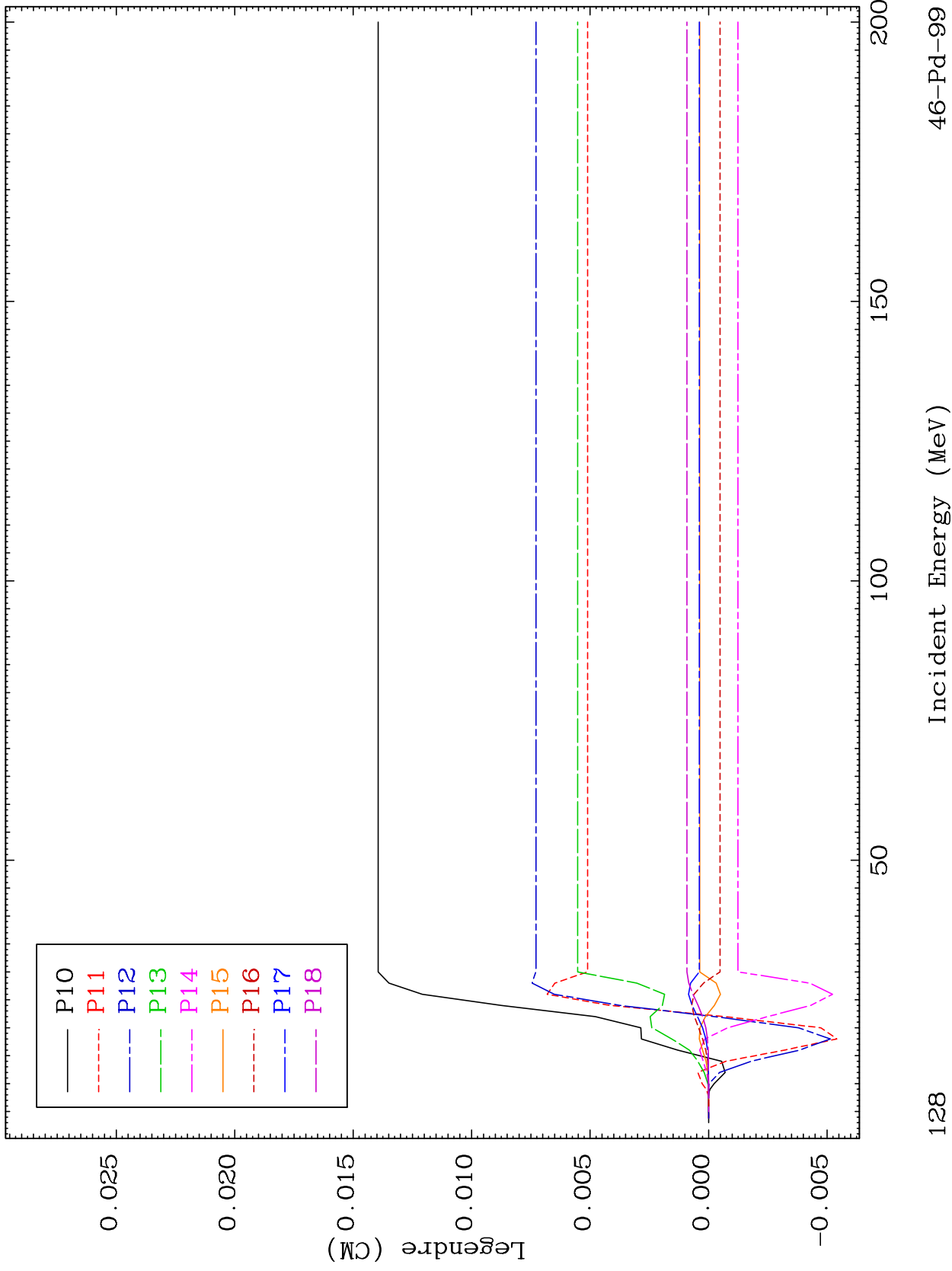
46-Pd-99



46-Pd-99

Incident Energy (MeV)

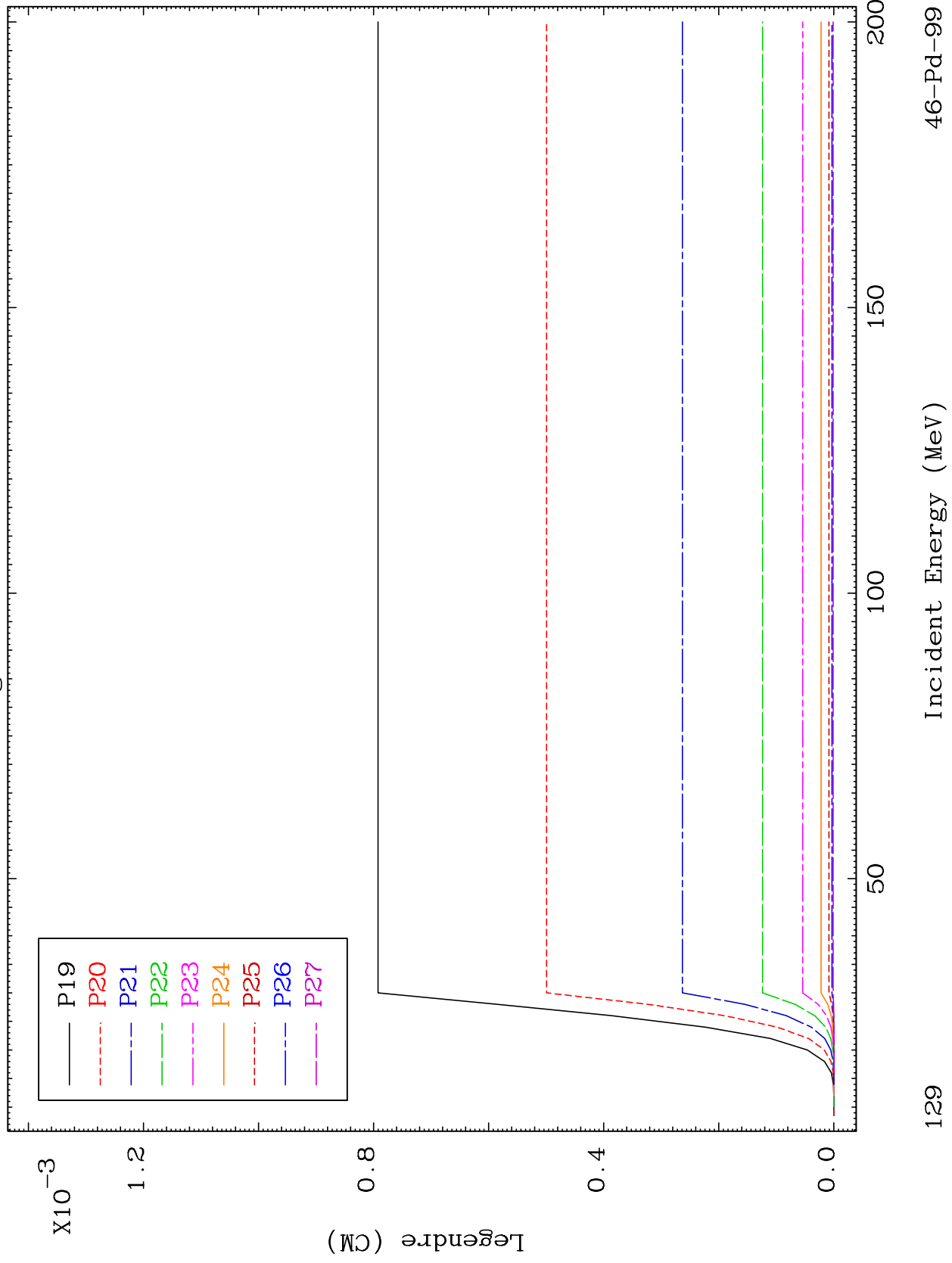
127



MAT 4616

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

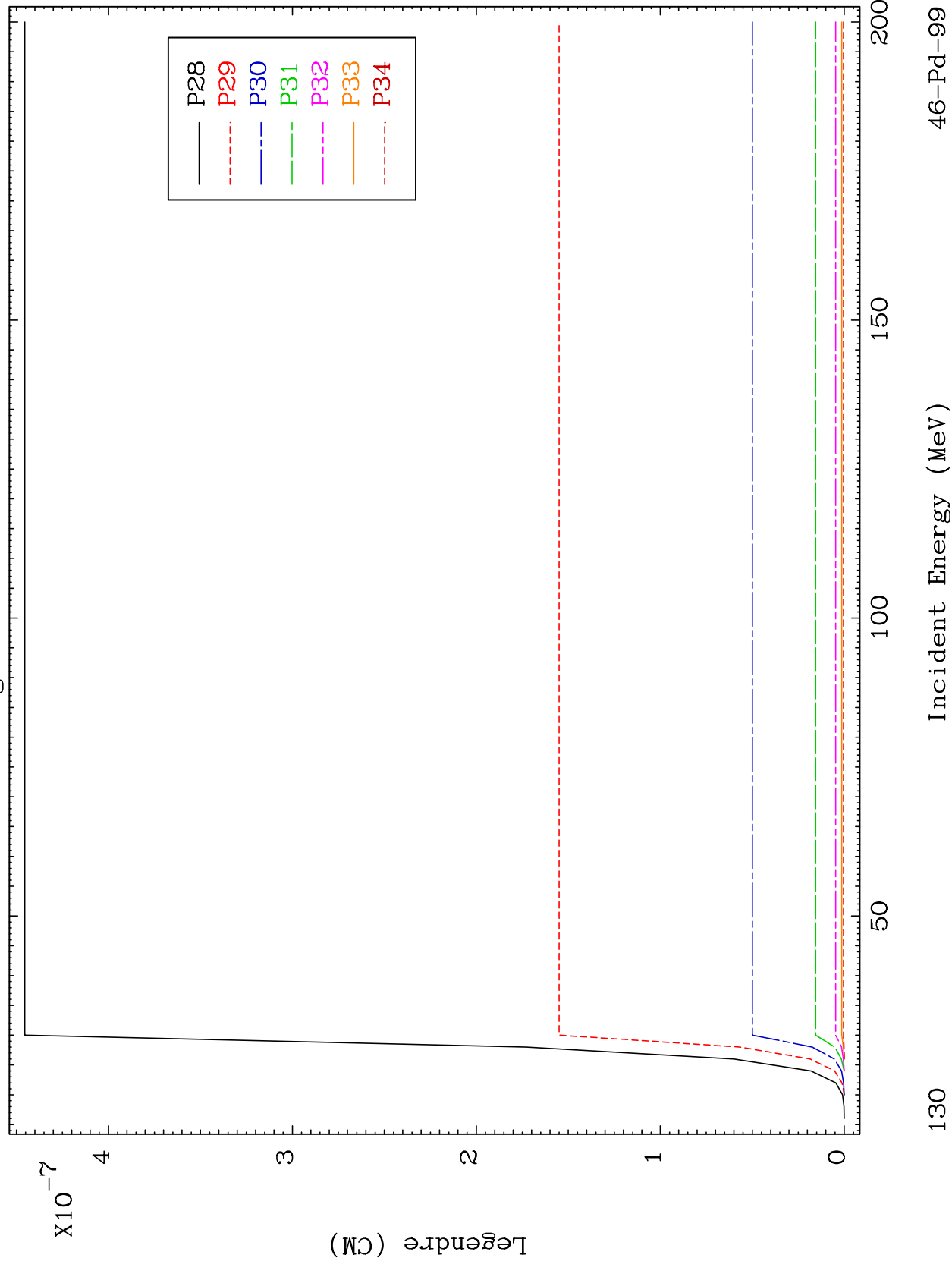
46-Pd-99



MAT 4616

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

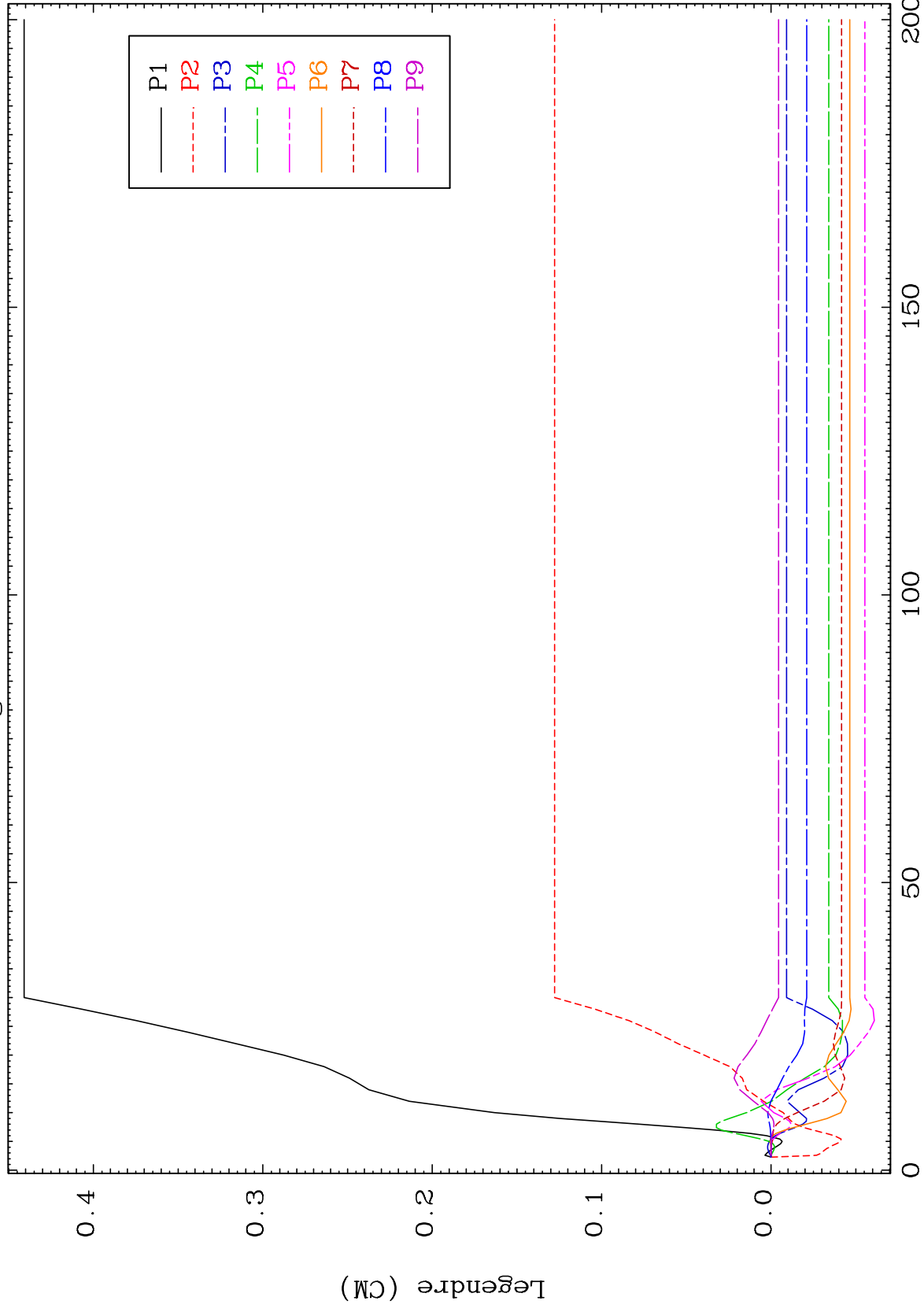
46-Pd-99



MAT 4616

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

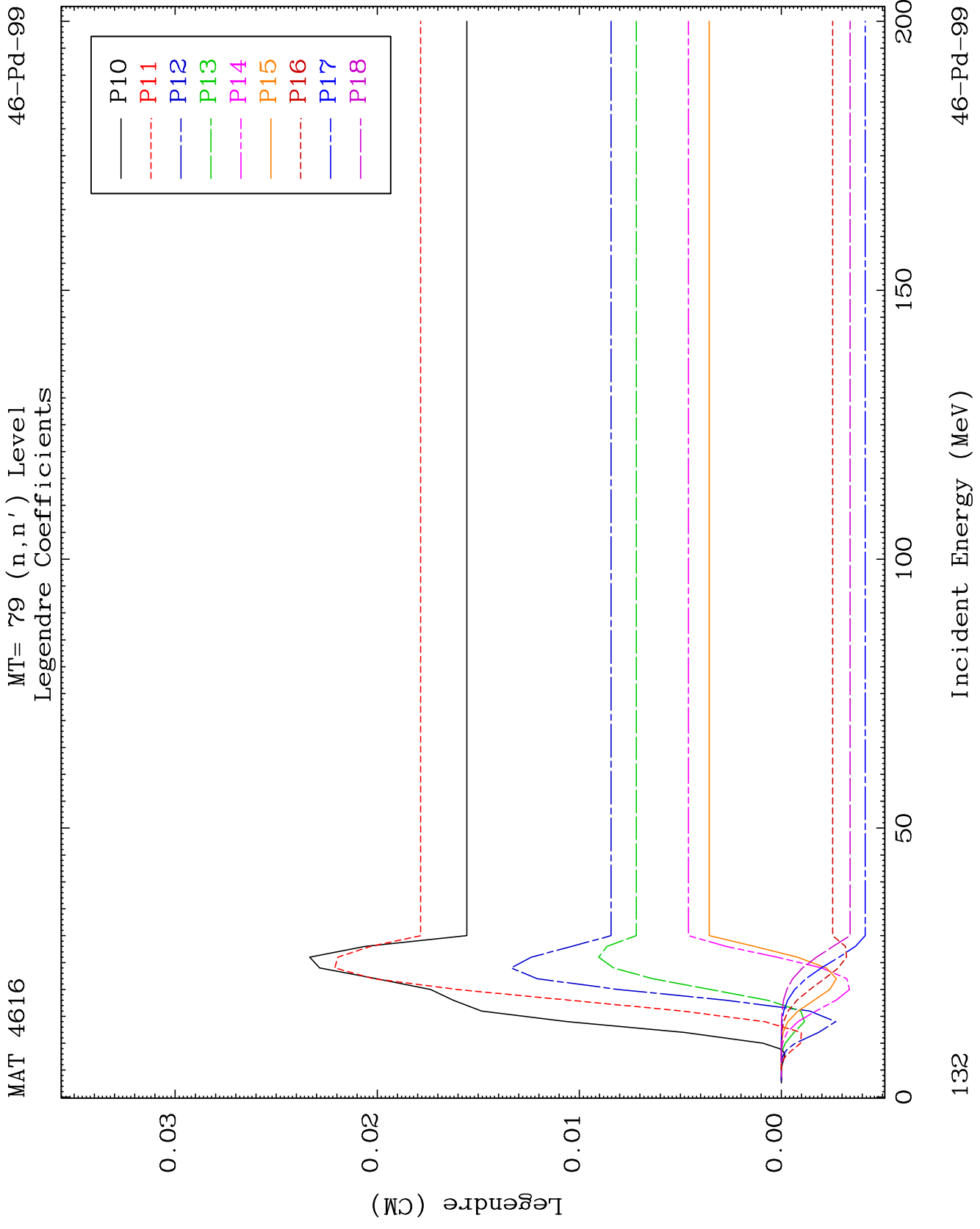
46-Pd-99

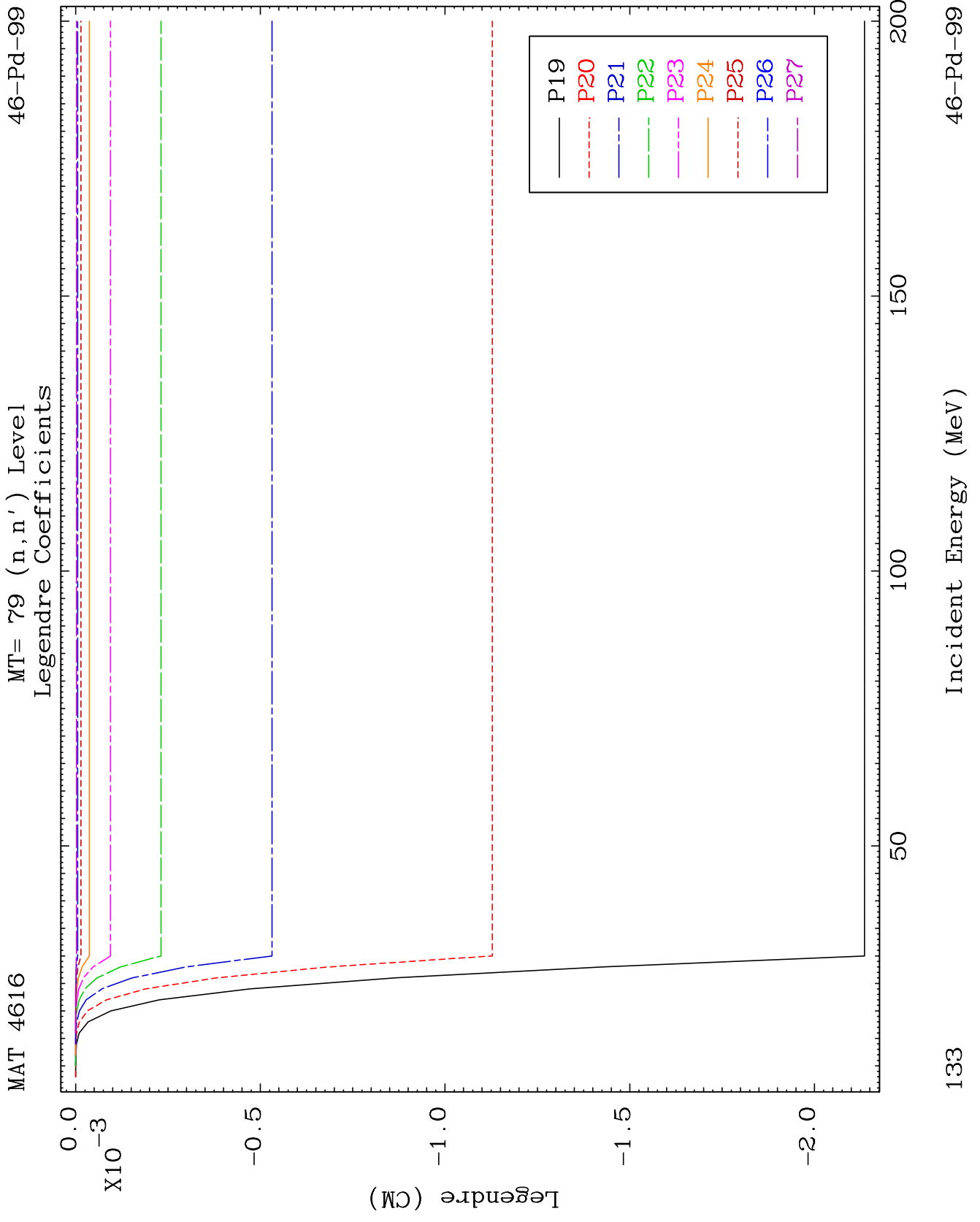


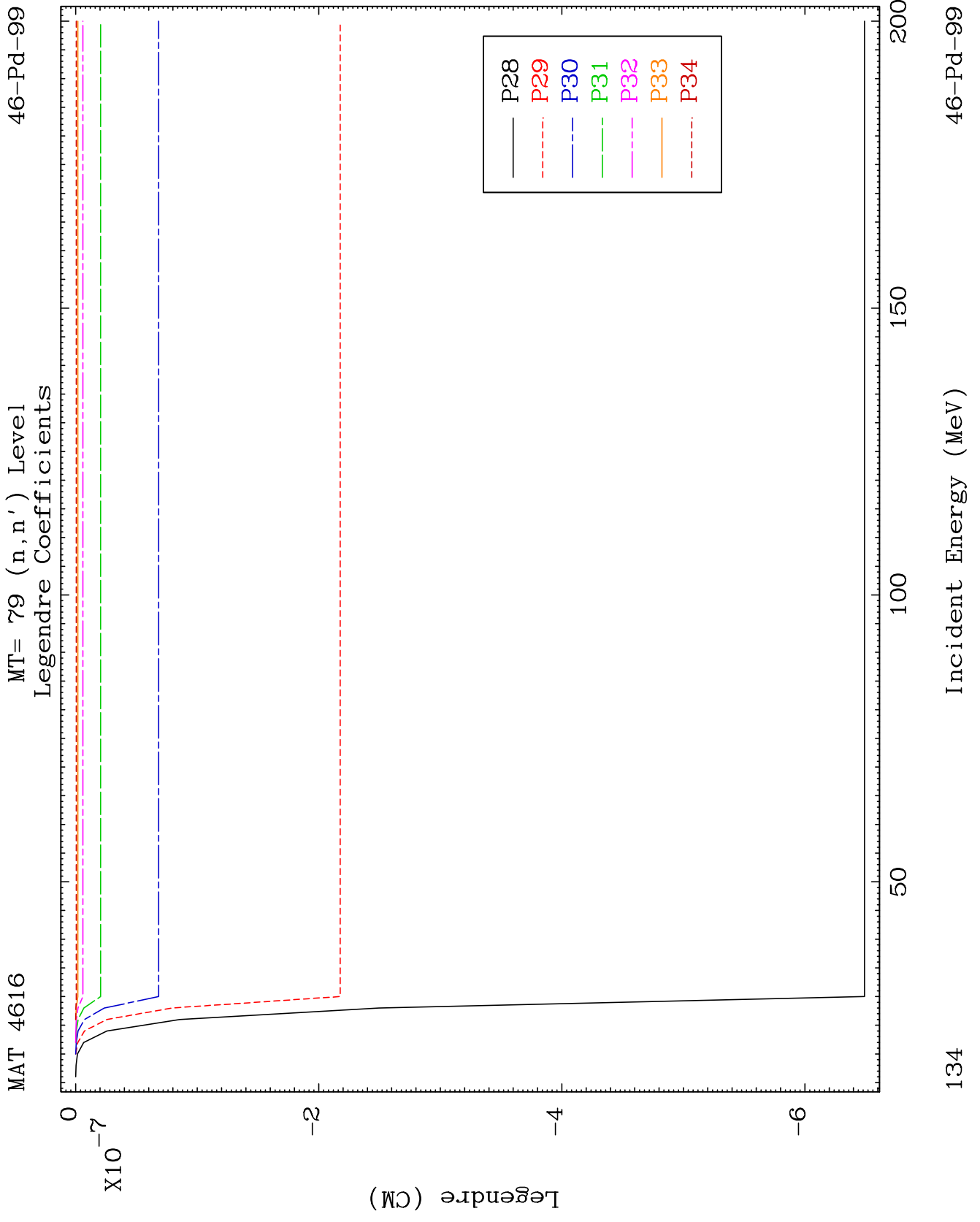
131

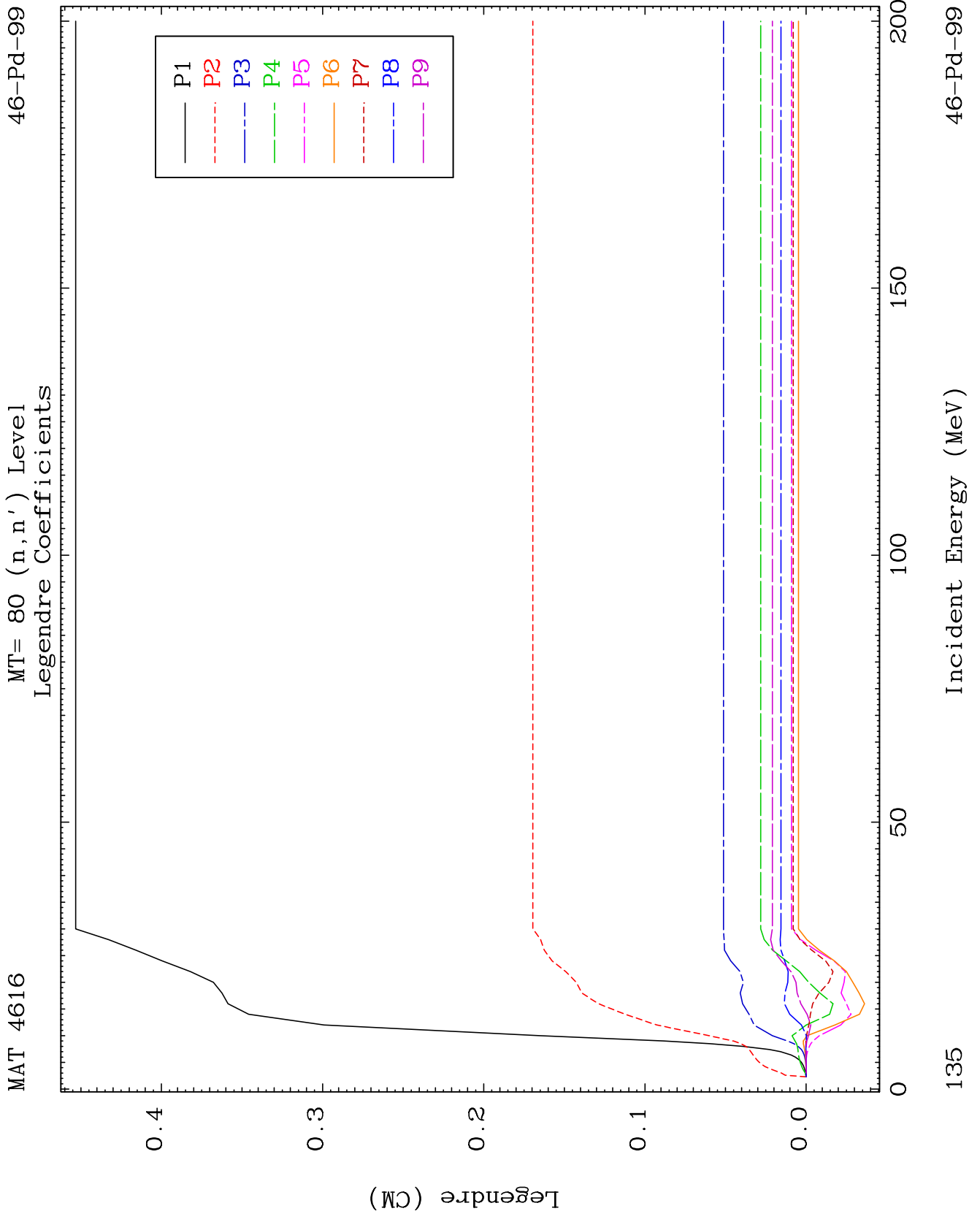
Incident Energy (MeV)

46-Pd-99





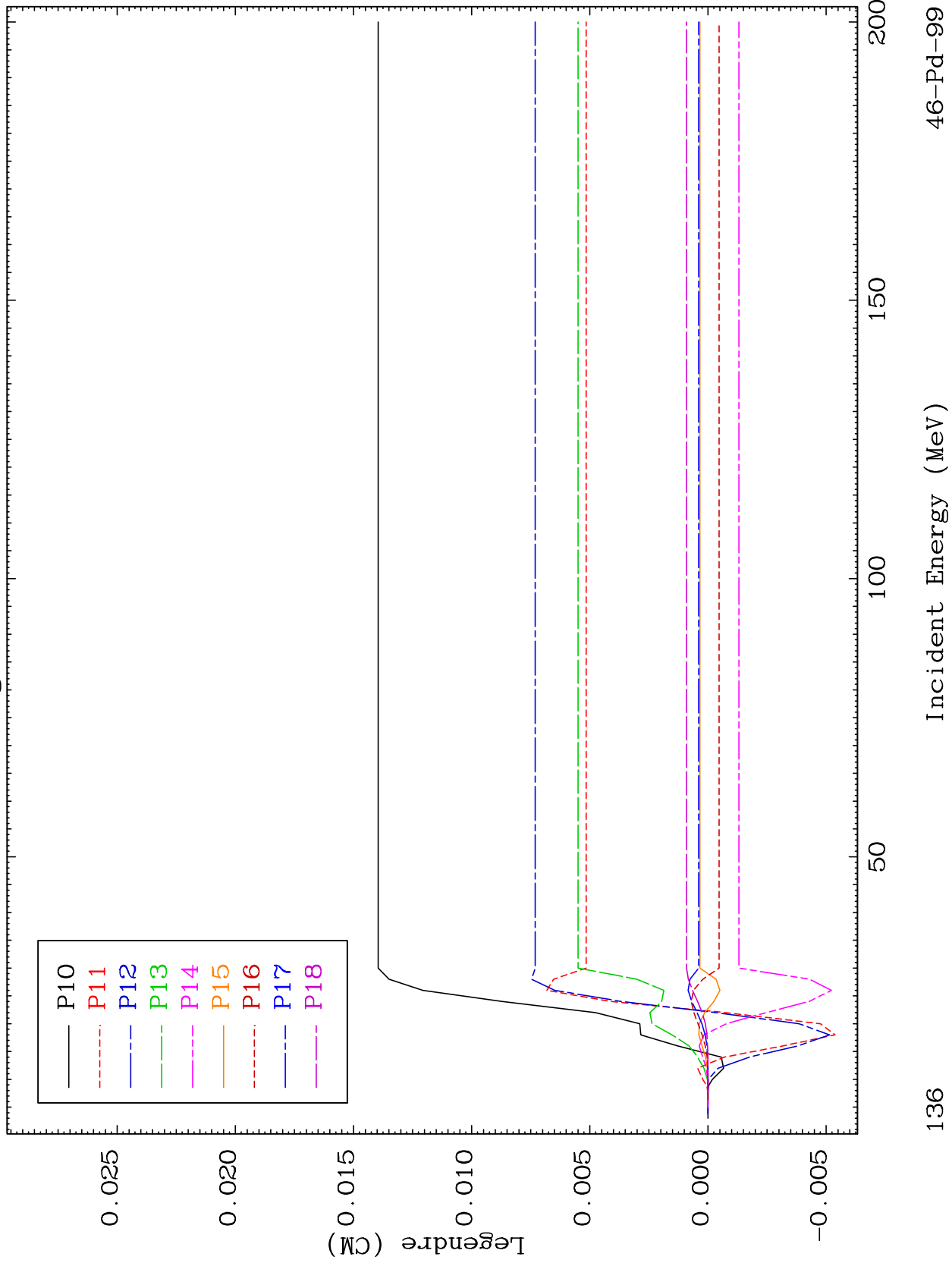




MAT 4616

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

46-Pd-99



136

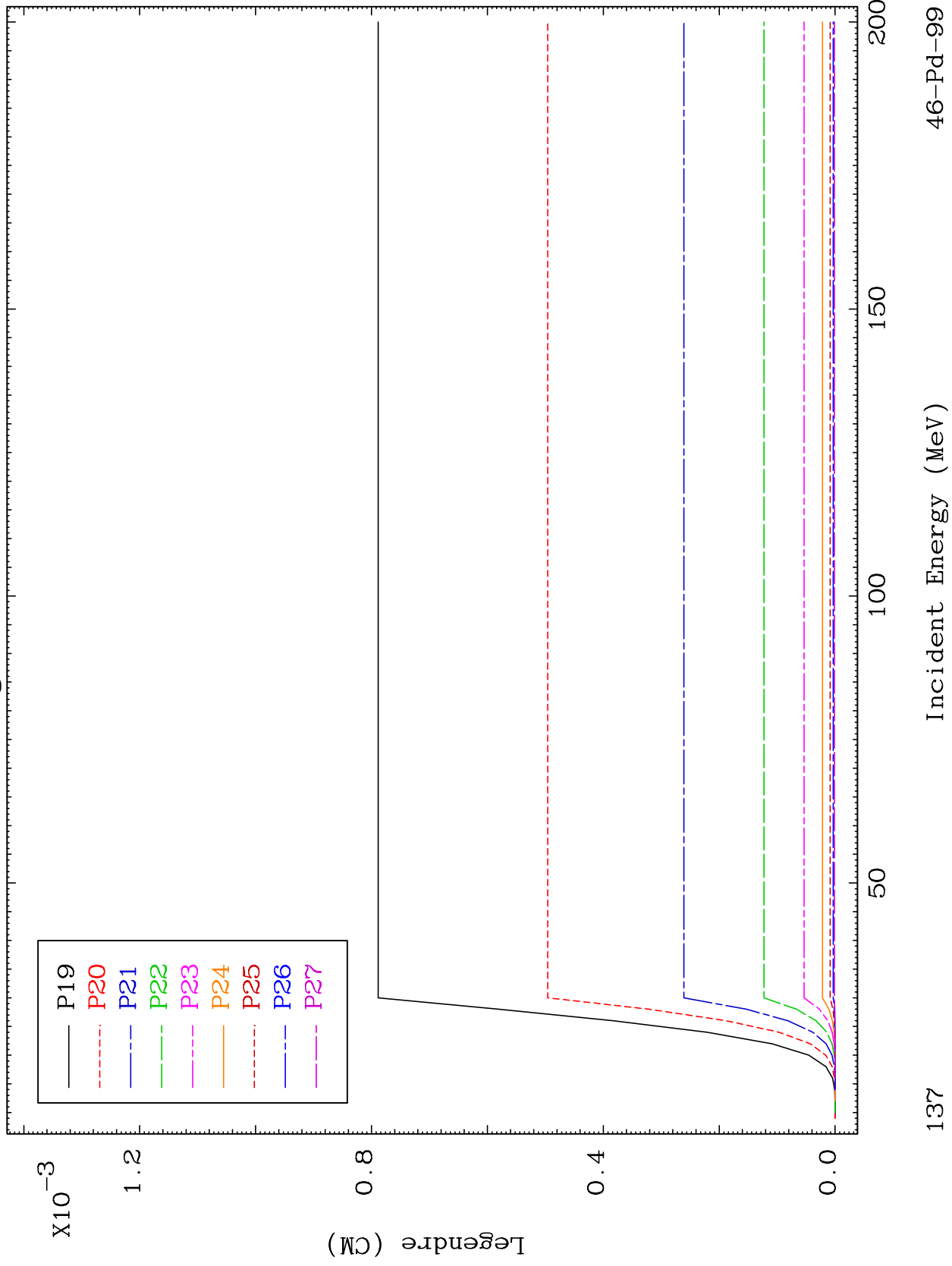
Incident Energy (MeV)

46-Pd-99

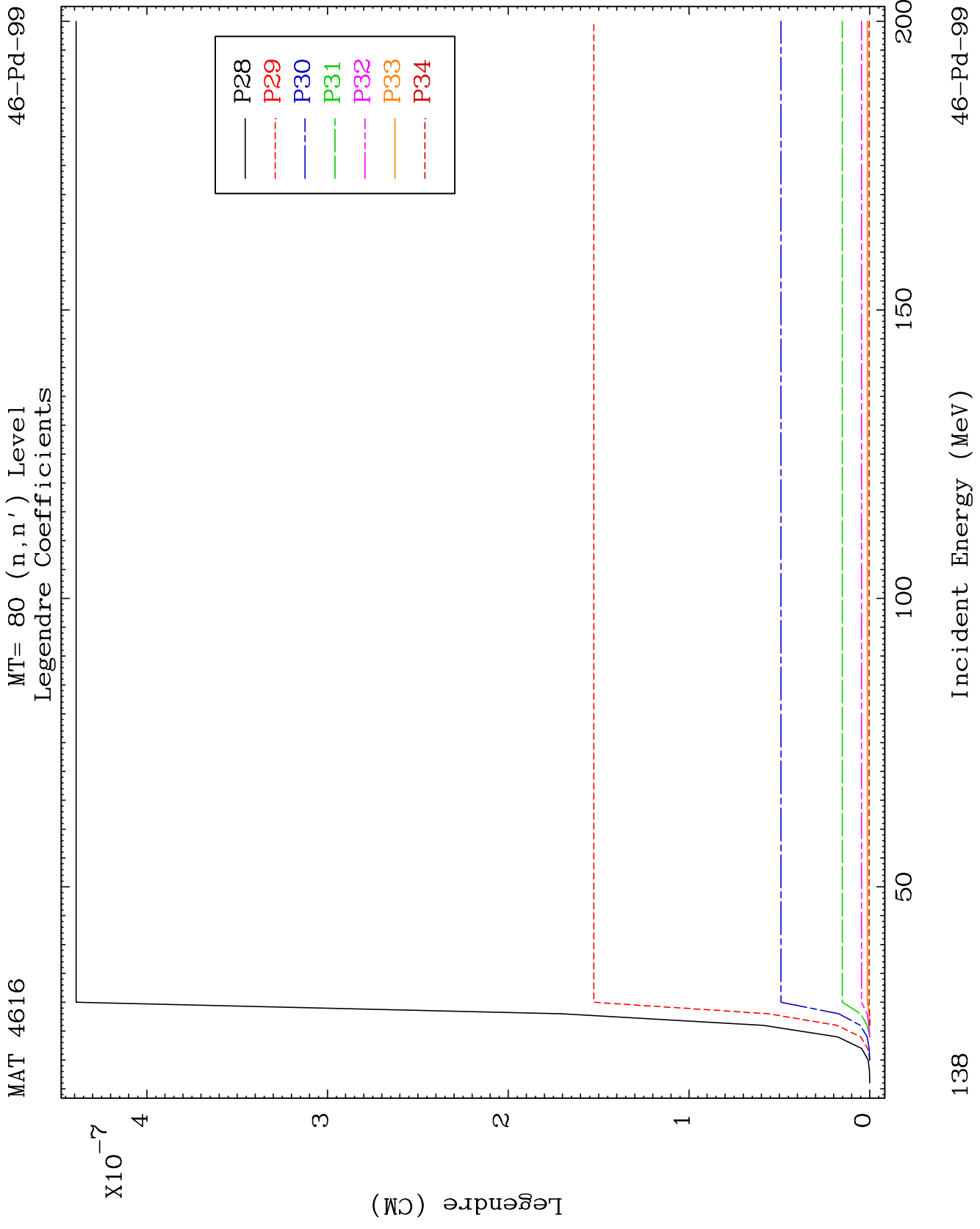
MAT 4616

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

46-Pd-99



137

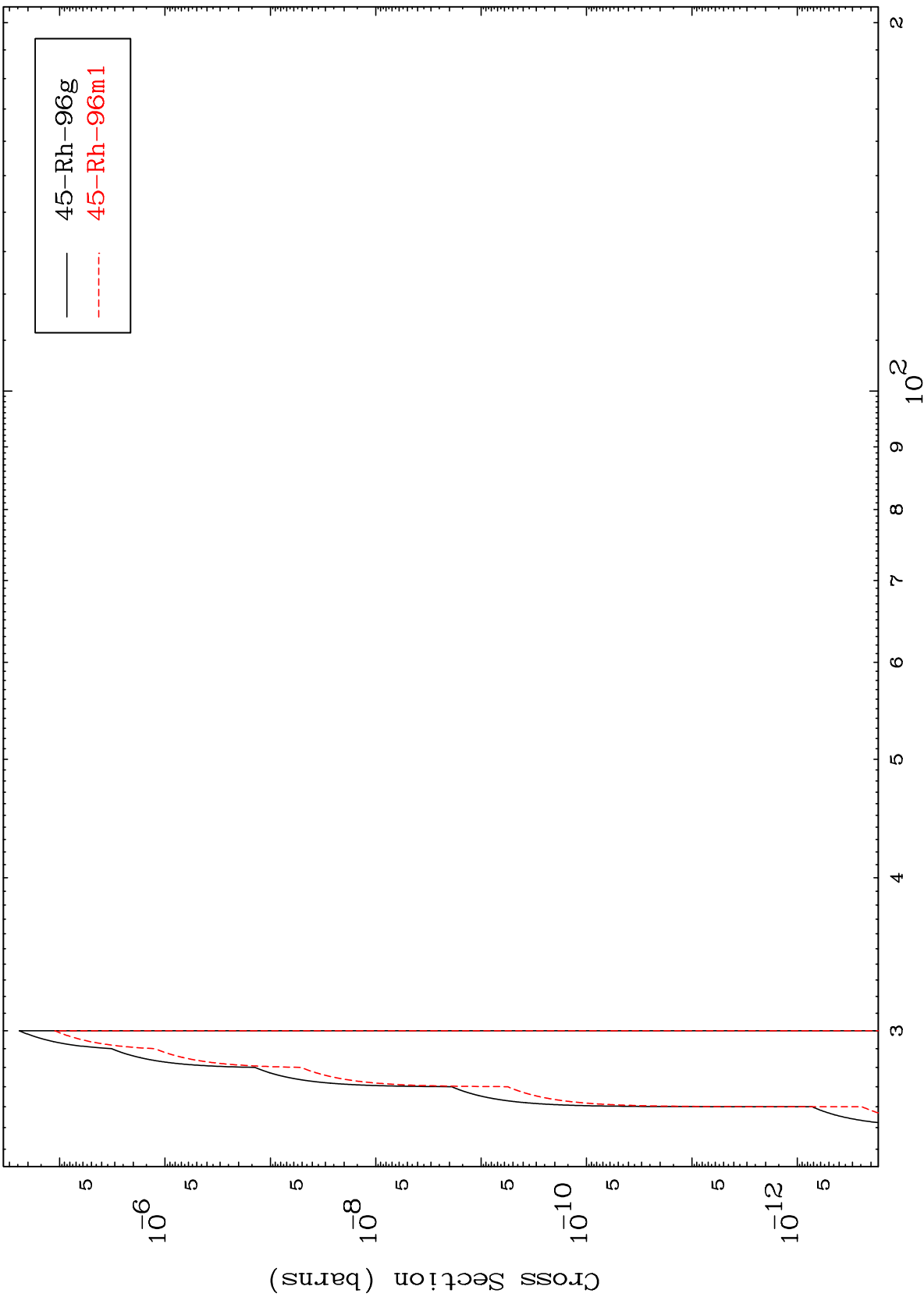


MAT 4616

(n,2n) d

46-Pd-99

Radionuclide Production Cross Section



45-Rh-96g
45-Rh-96m1

139

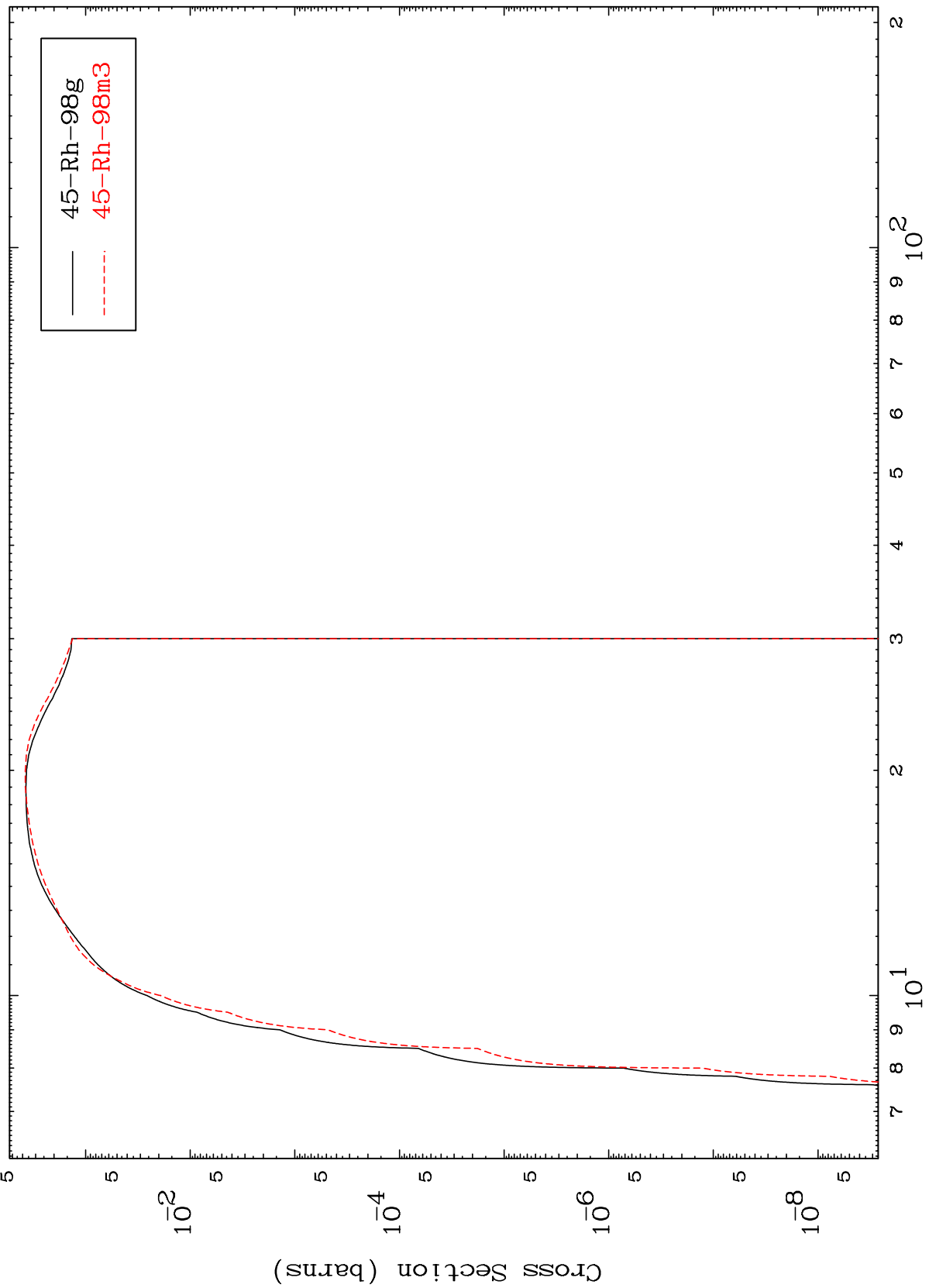
Incident Energy (MeV)

46-Pd-99

MAT 4616

46-Pd-99

(n, n') p
Radionuclide Production Cross Section



140

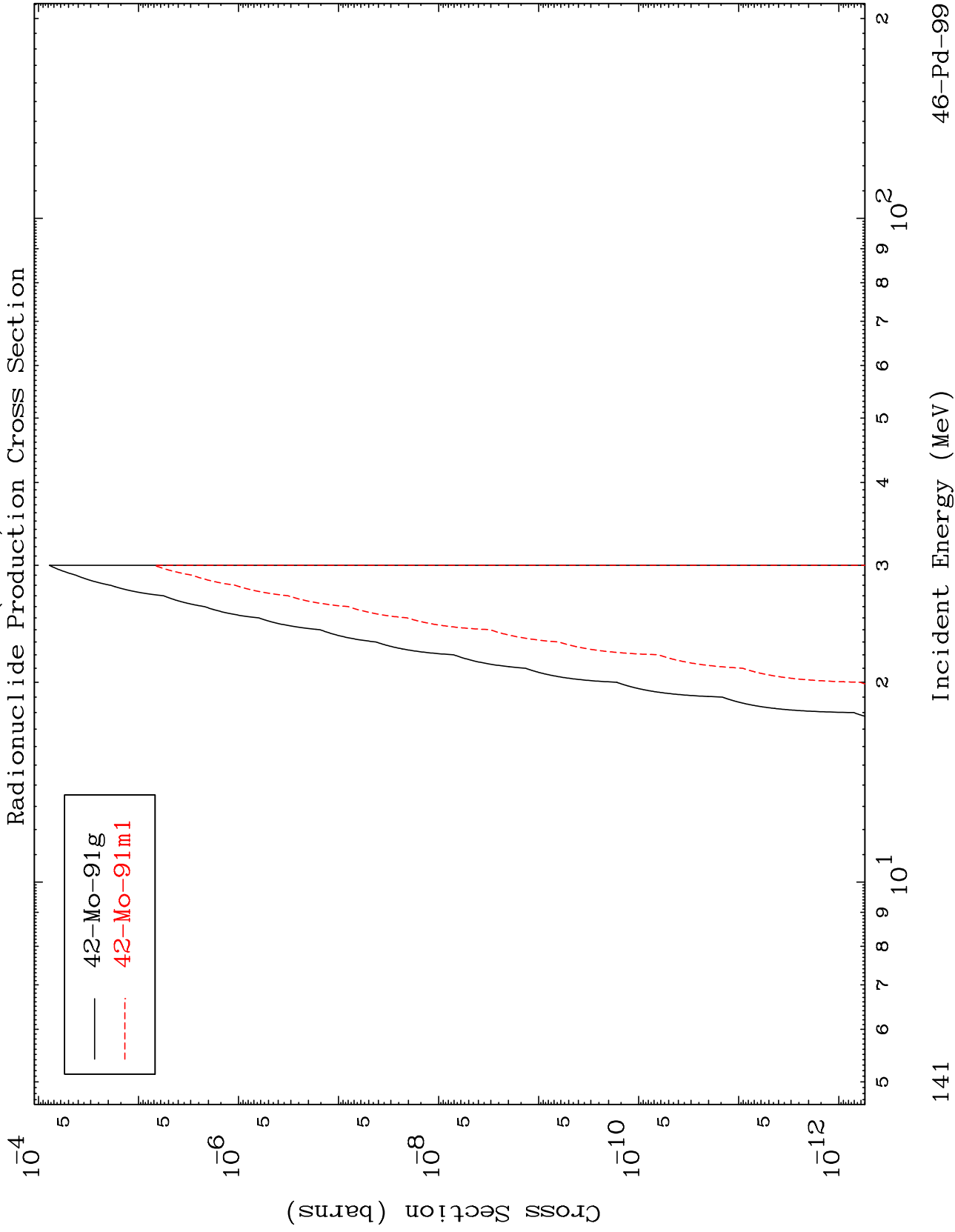
Incident Energy (MeV)

46-Pd-99

MAT 4616

(n,n') 2 α

46-Pd-99

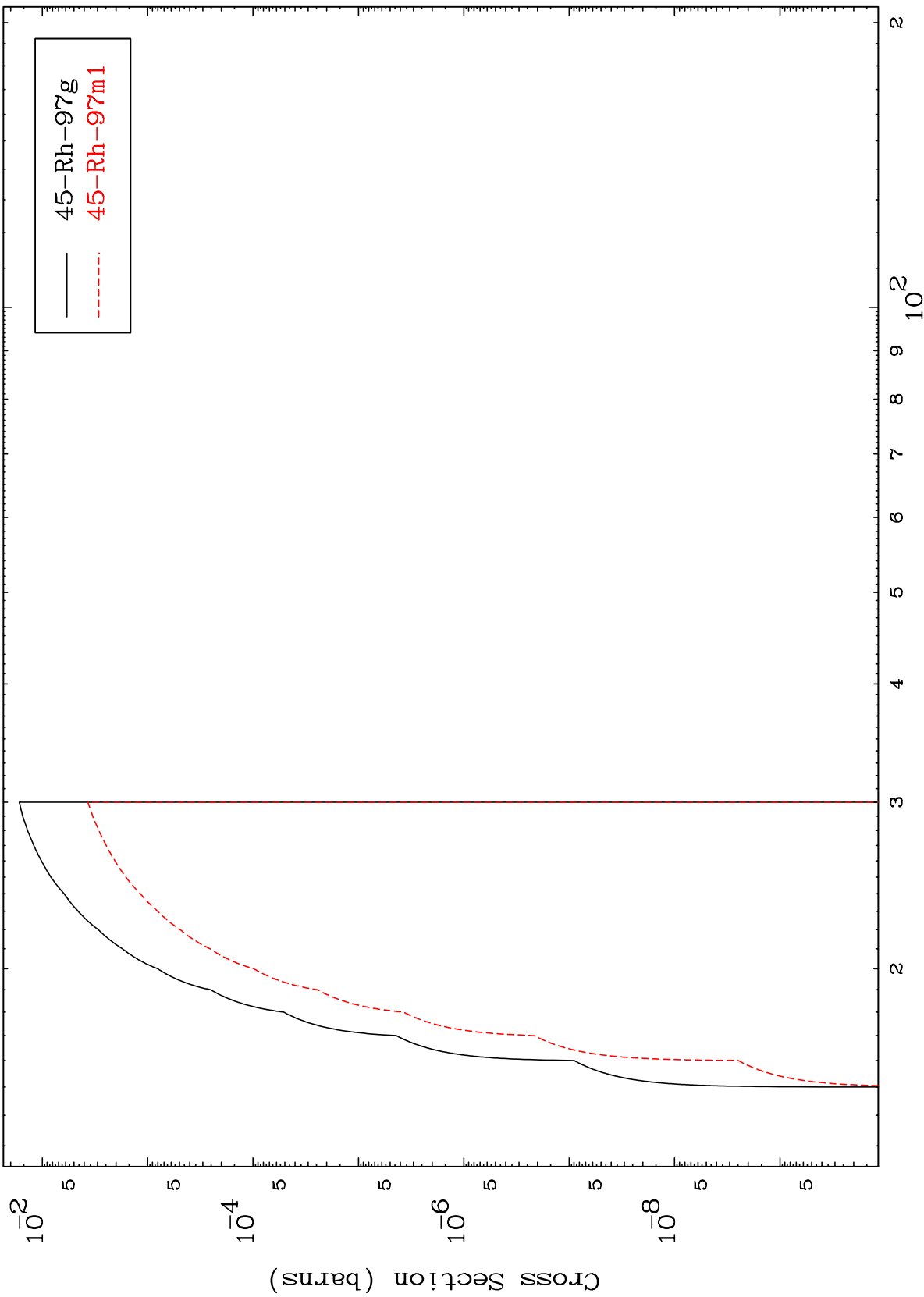


MAT 4616

(n,n') d

46-Pd-99

Radionuclide Production Cross Section



45-Rh-97g
45-Rh-97m1

142

Incident Energy (MeV)

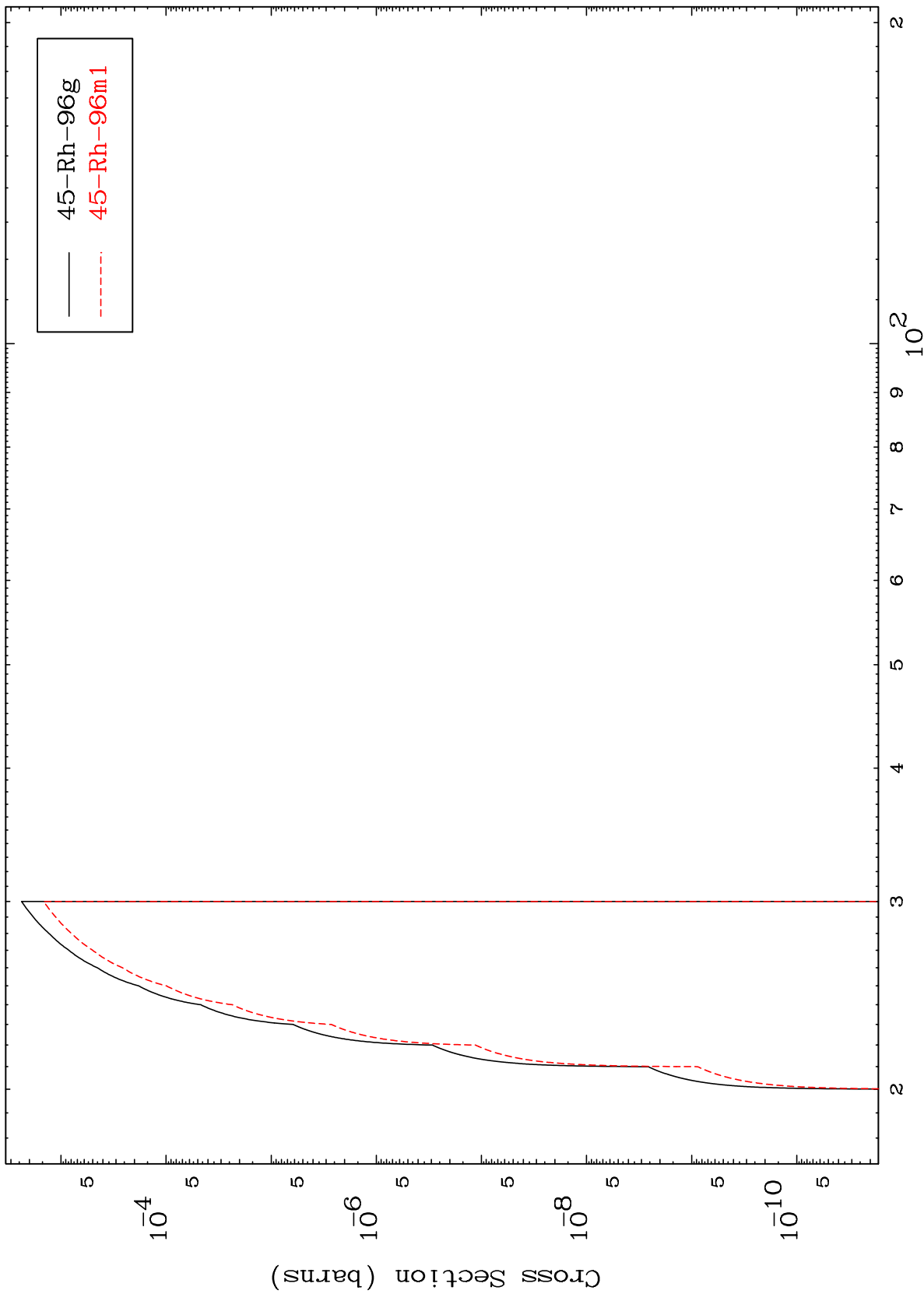
46-Pd-99

MAT 4616

(n,n') t

46-Pd-99

Radionuclide Production Cross Section

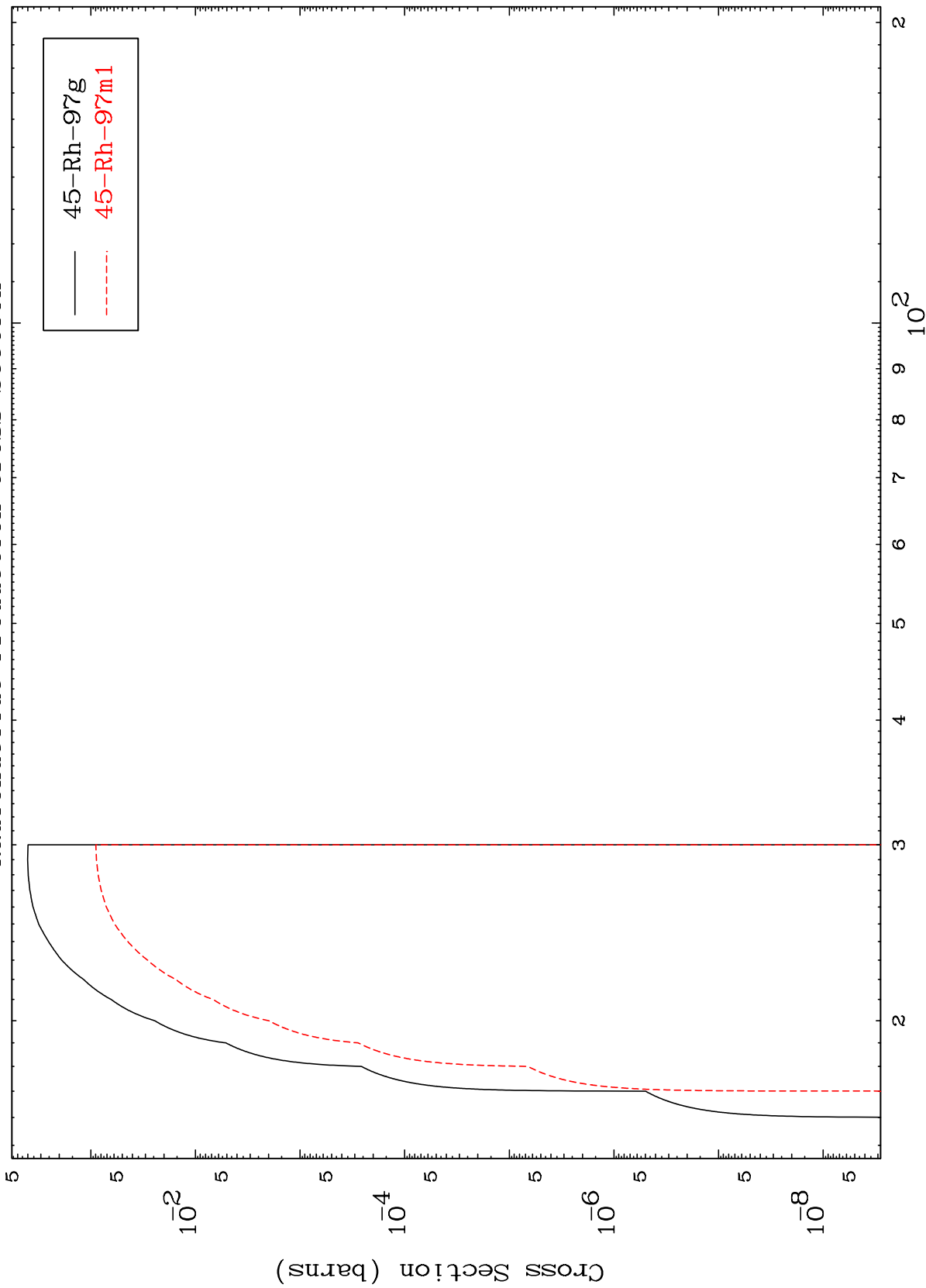


143

Incident Energy (MeV)

46-Pd-99

Radionuclide Production Cross Section

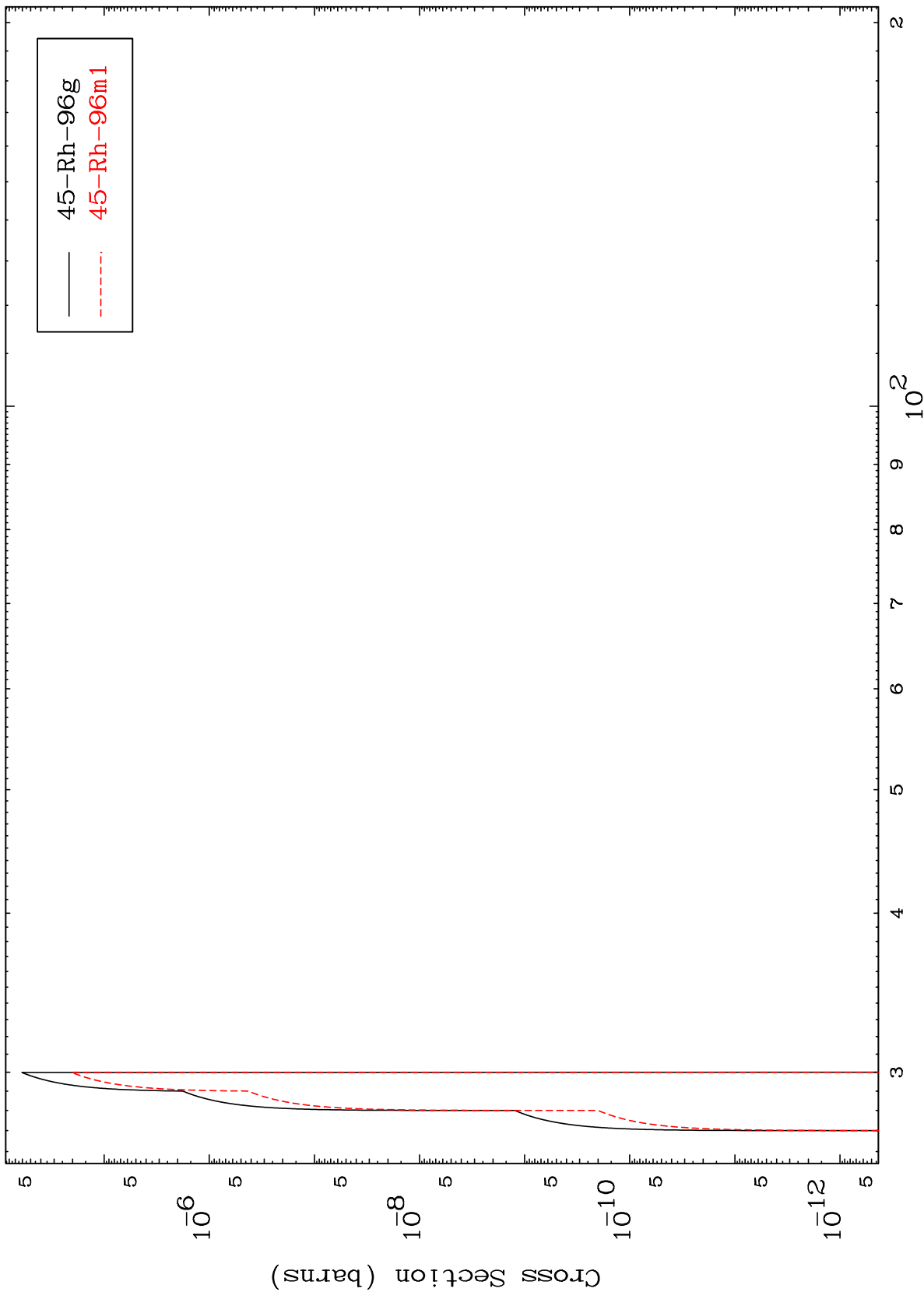


MAT 4616

(n,3n) p

46-Pd-99

Radionuclide Production Cross Section



145

Incident Energy (MeV)

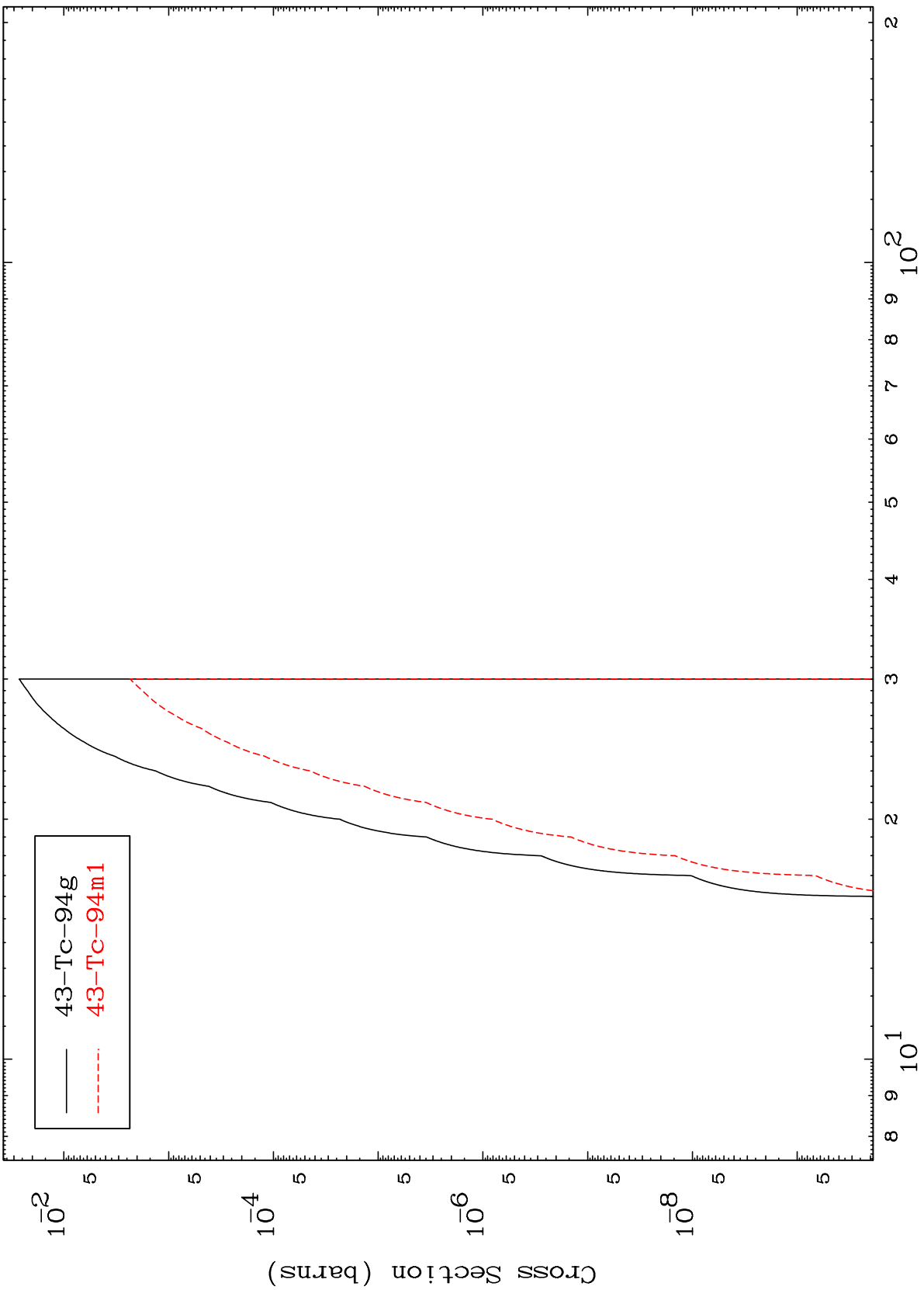
46-Pd-99

MAT 4616

(n,n') p α

46-Pd-99

Radionuclide Production Cross Section



— 43-Tc-94g
- - - 43-Tc-94m1

146

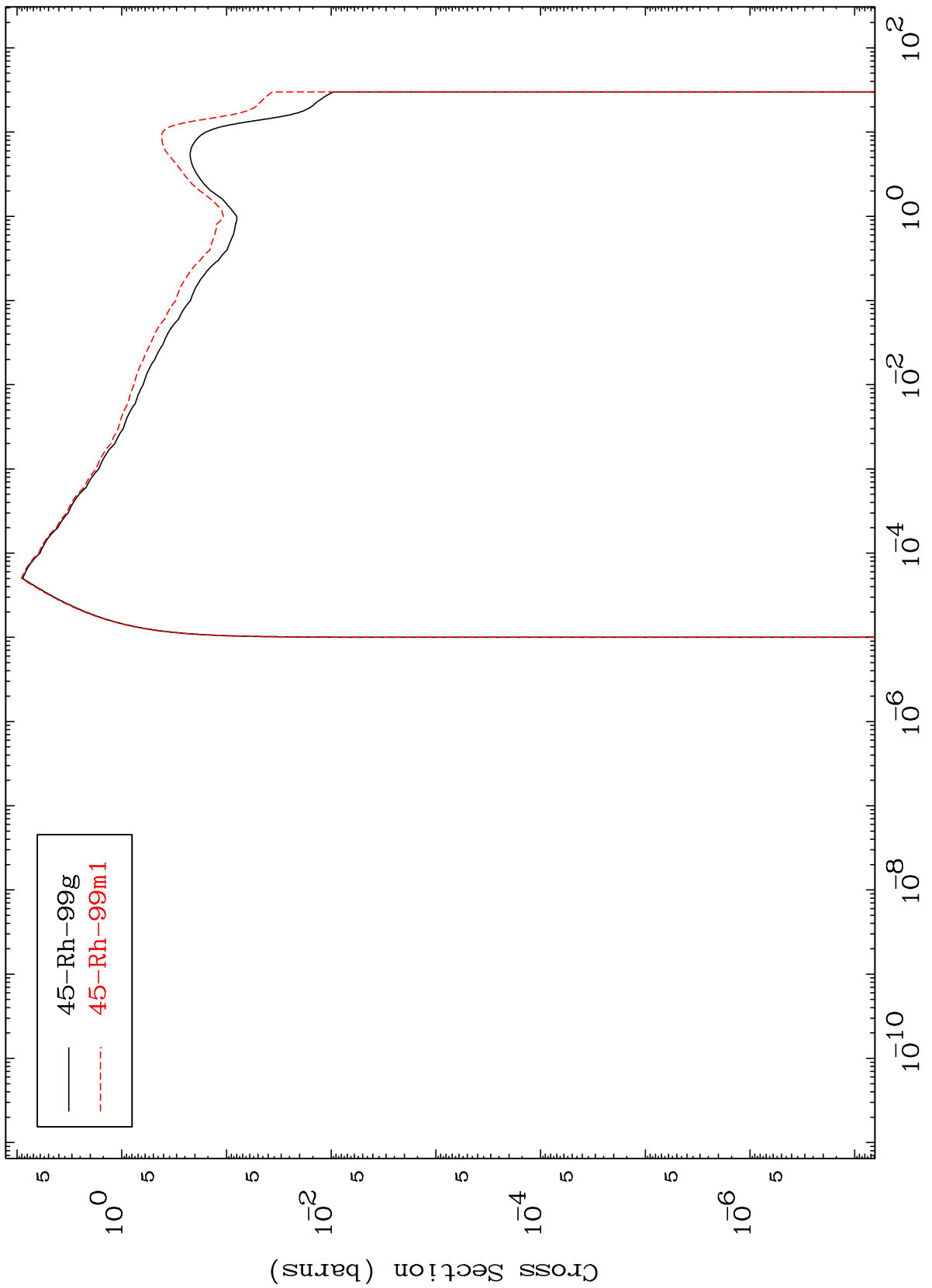
Incident Energy (MeV)

46-Pd-99

MAT 4616

46-Pd-99

(n,p)
Radionuclide Production Cross Section



— 45-Rh-99g
- - - 45-Rh-99m1

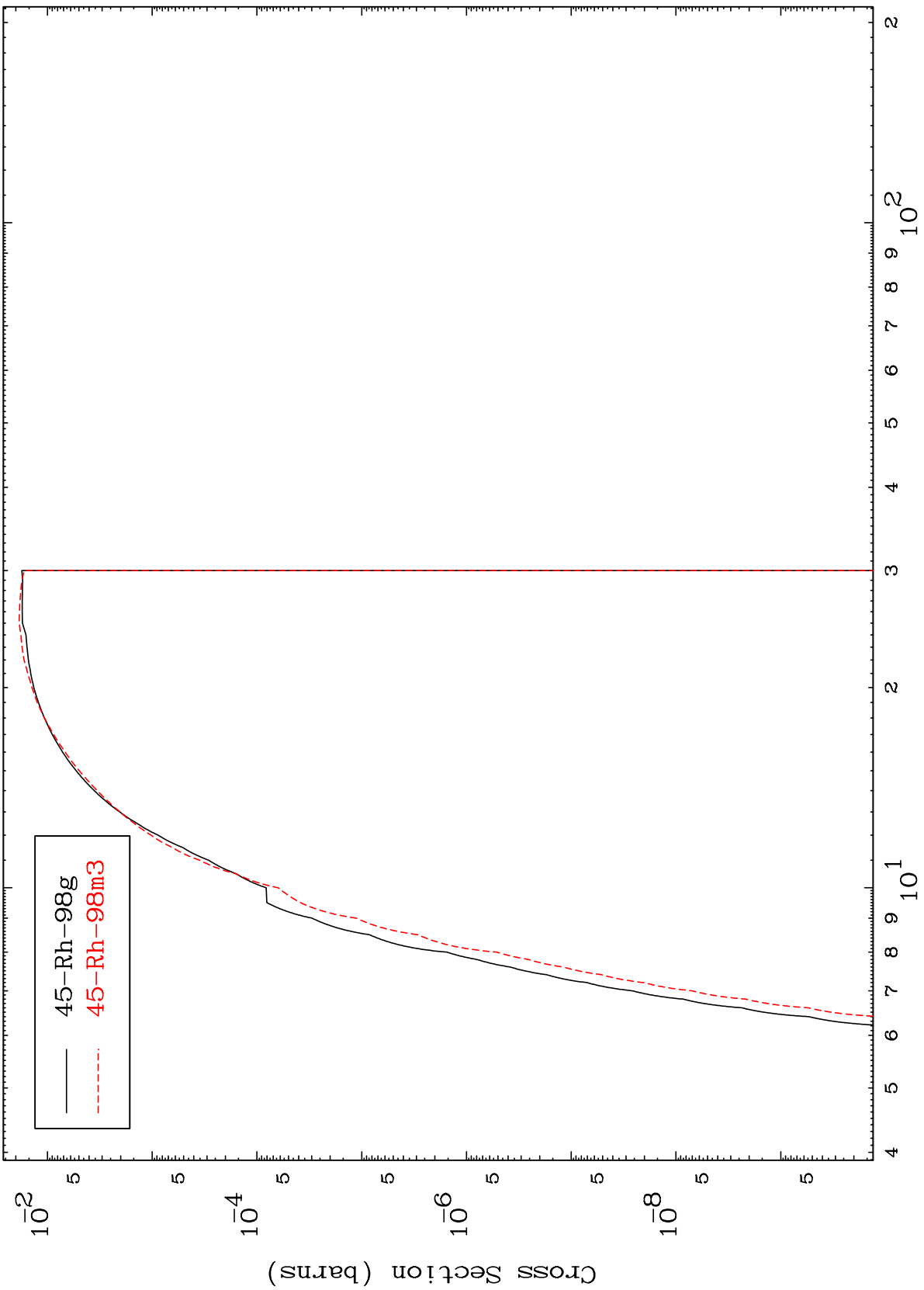
147

46-Pd-99

MAT 4616

46-Pd-99

(n,d)
Radionuclide Production Cross Section

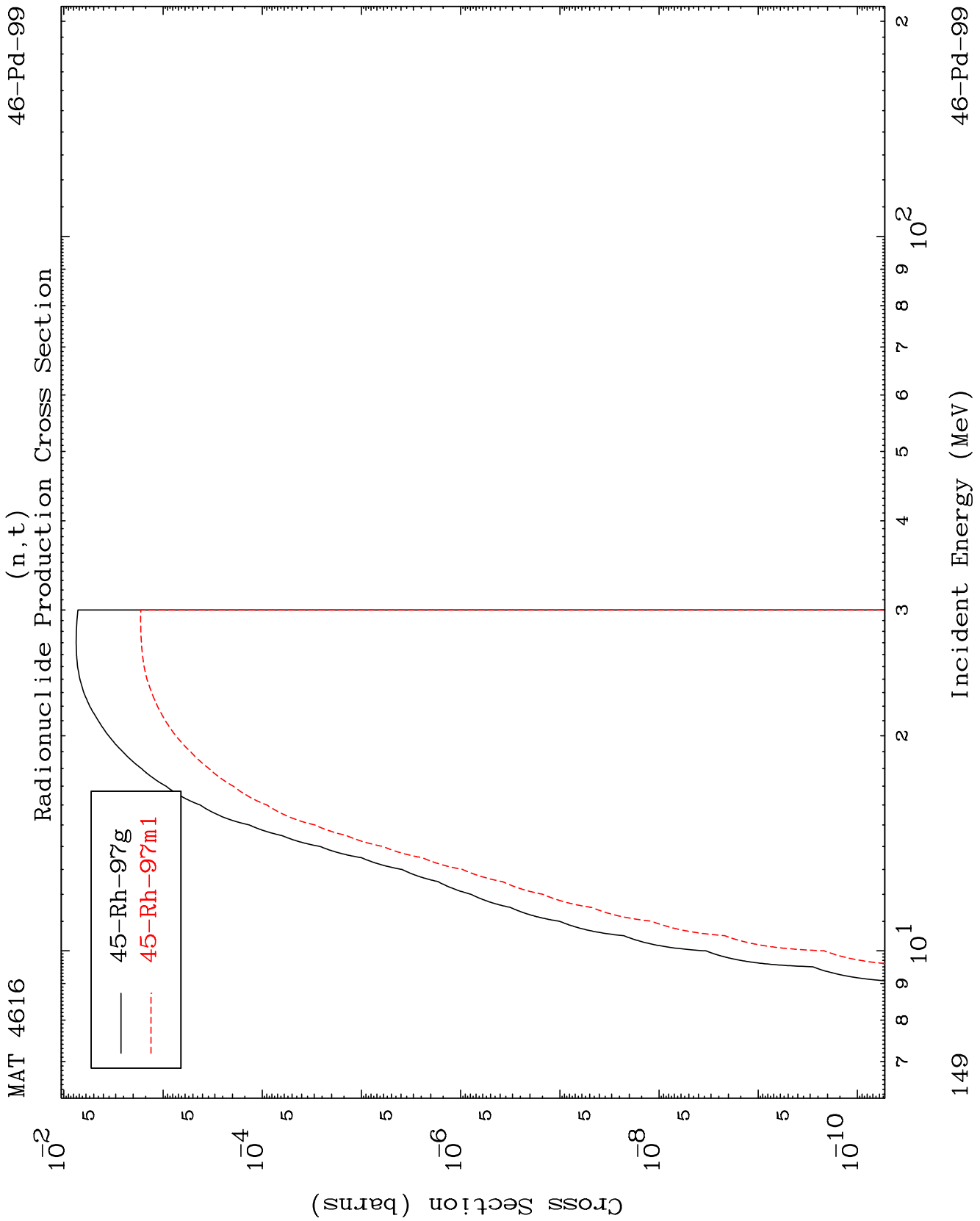


— 45-Rh-98g
- - - 45-Rh-98m3

46-Pd-99

Incident Energy (MeV)

148

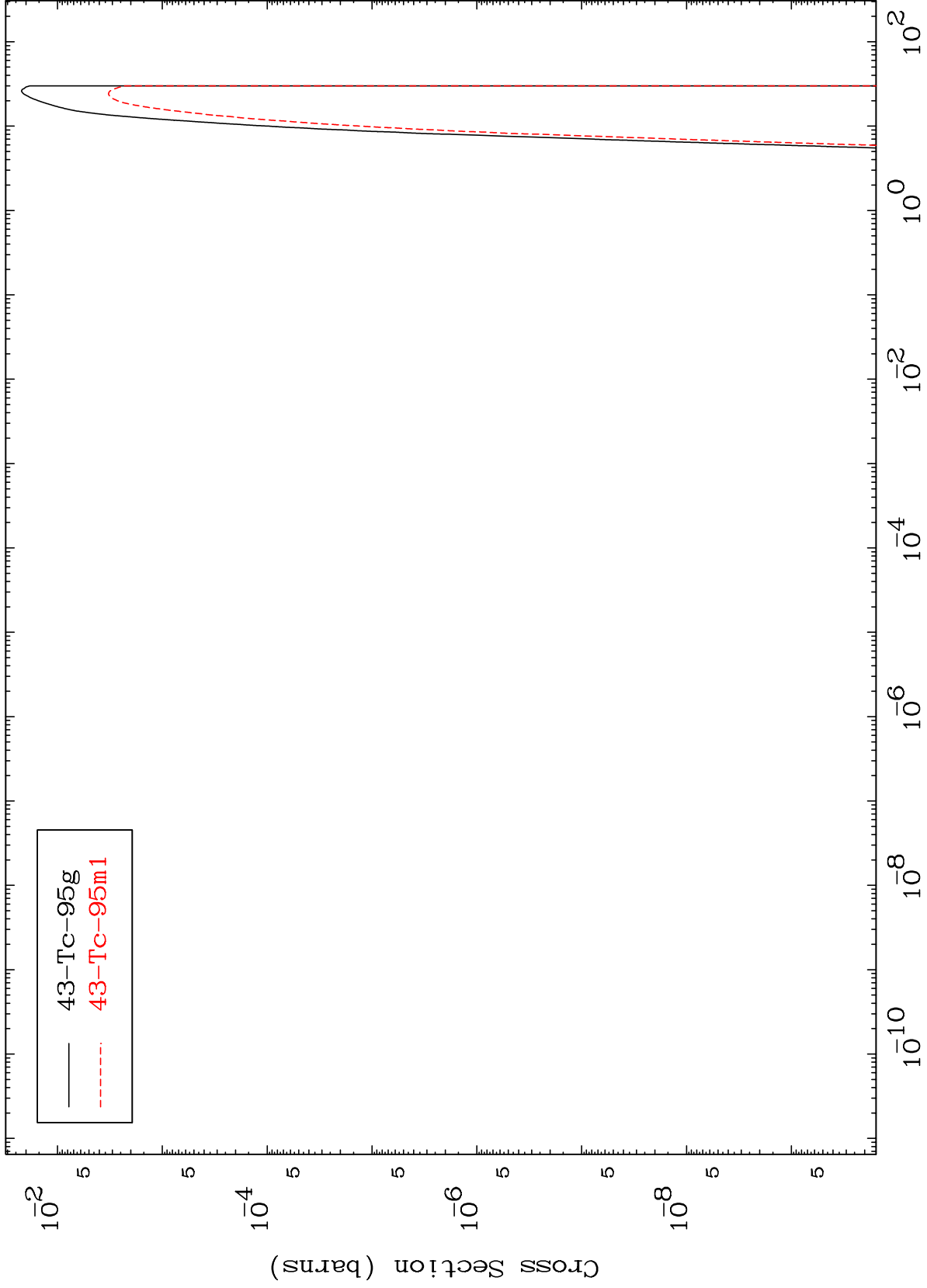


MAT 4616

(n,p) α

46-Pd-99

Radionuclide Production Cross Section



150

Incident Energy (MeV)

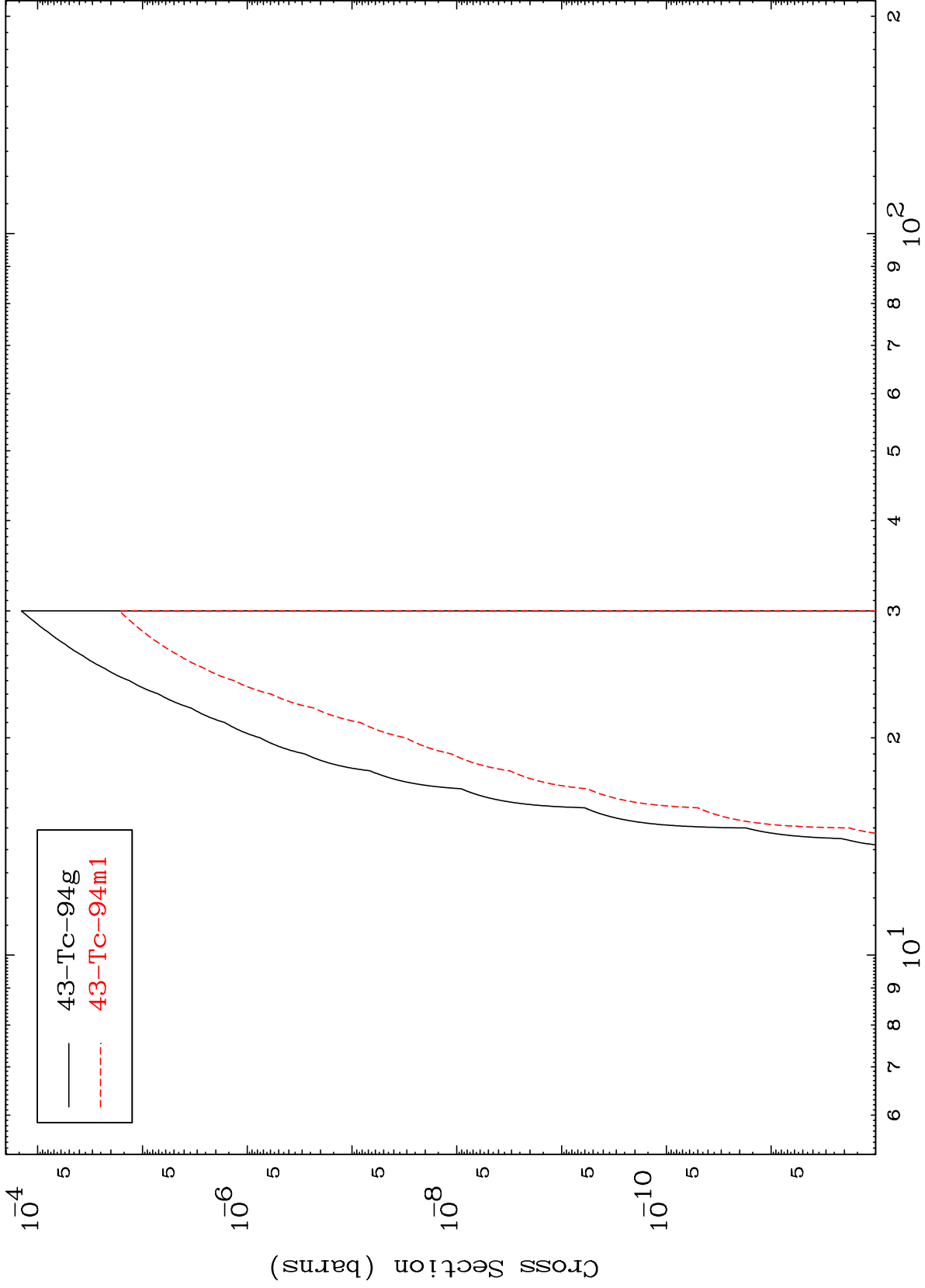
46-Pd-99

MAT 4616

(n,d) α

46-Pd-99

Radionuclide Production Cross Section



— 43-Tc-94g
- - - 43-Tc-94m1

151

Incident Energy (MeV)

46-Pd-99