

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

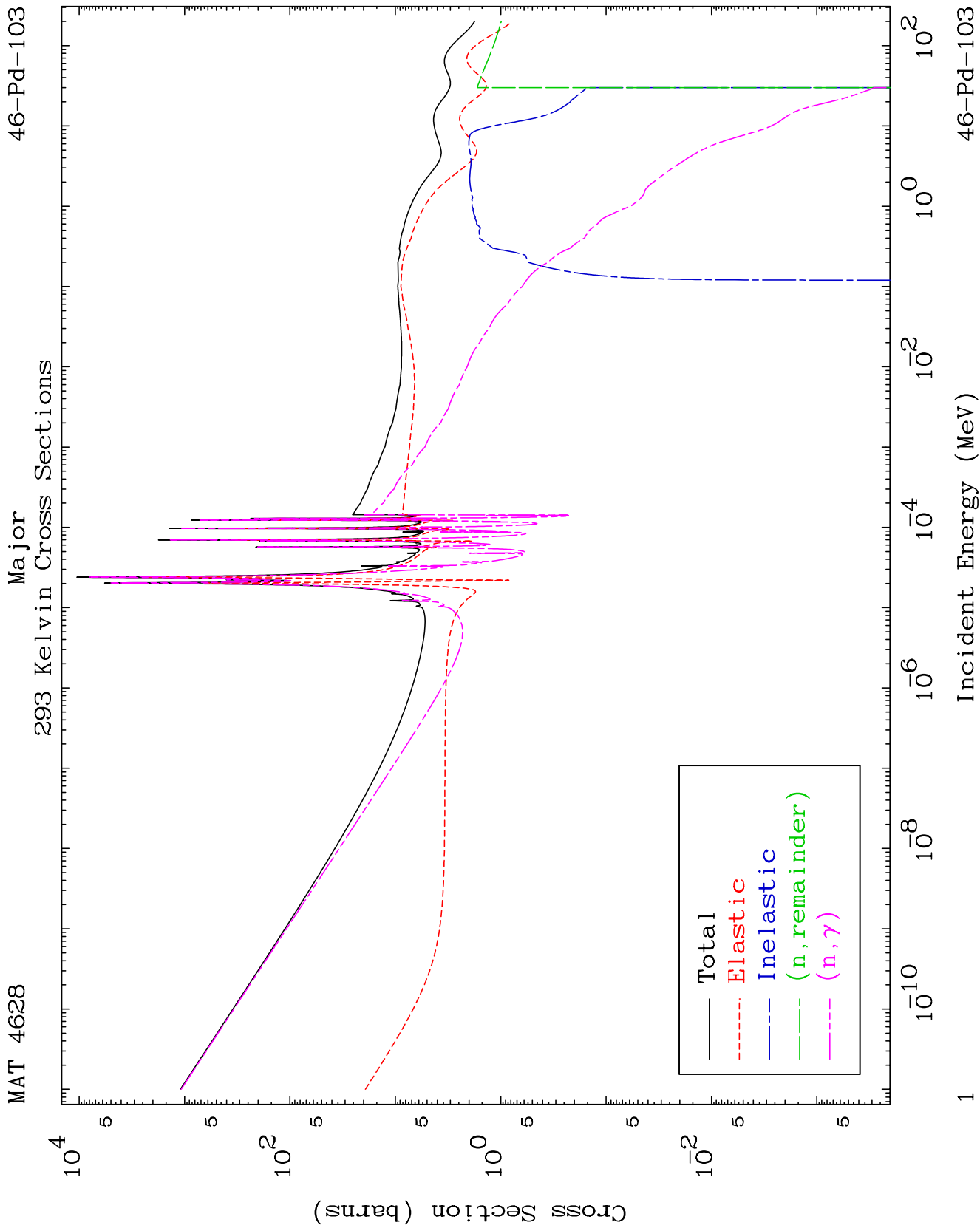
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Web:redcullen1.net/HOMEPAGE.NEW

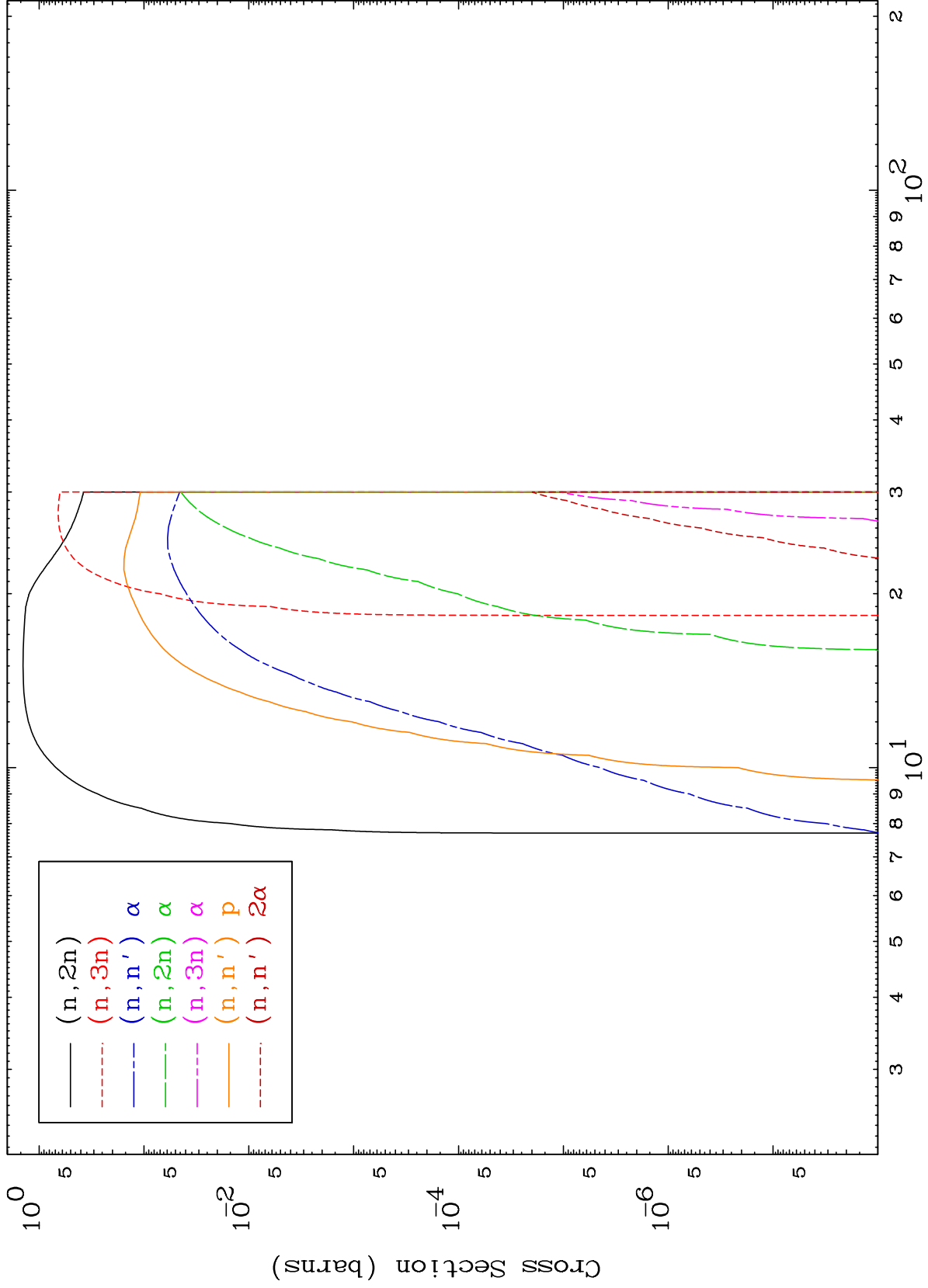
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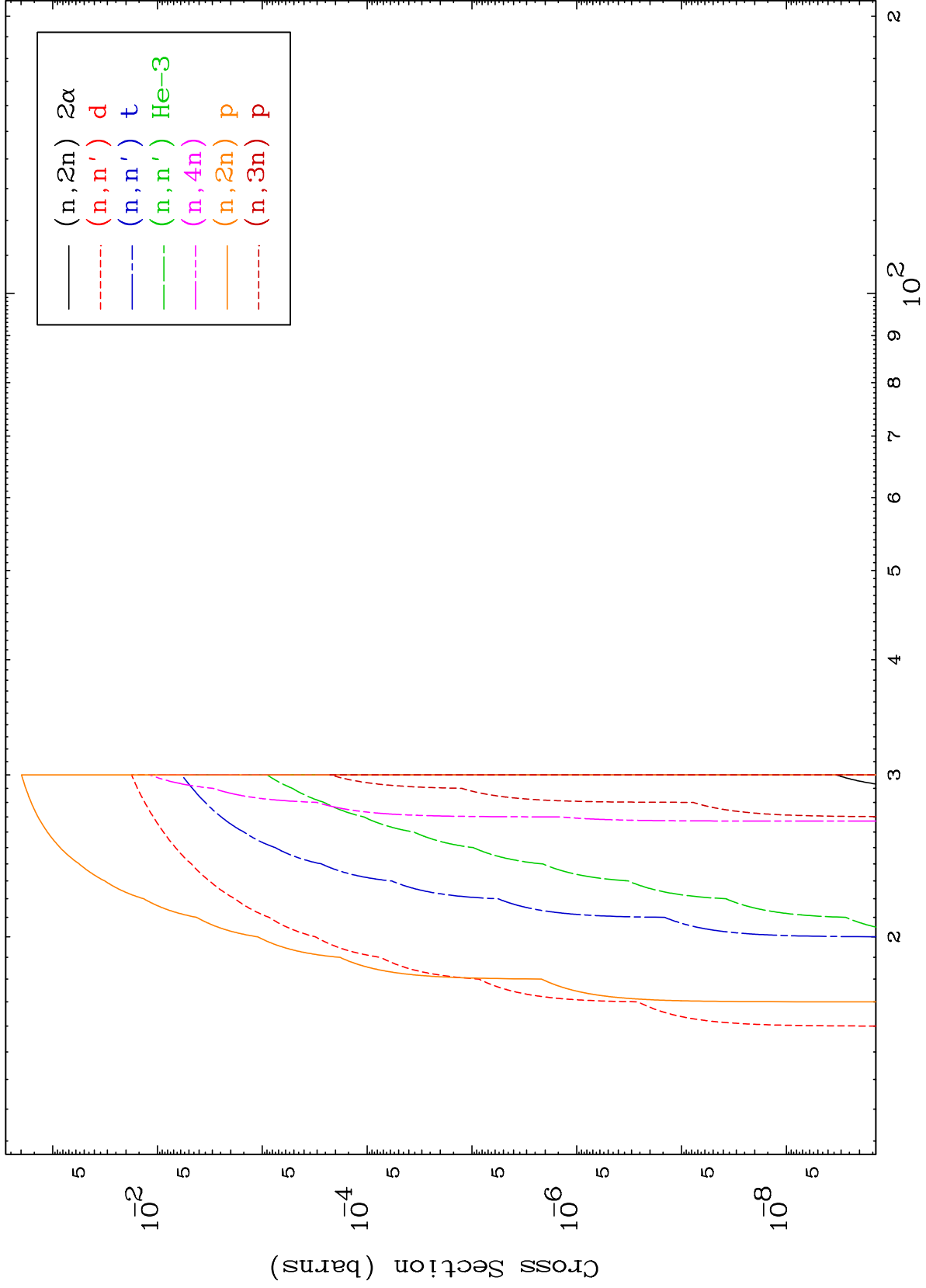


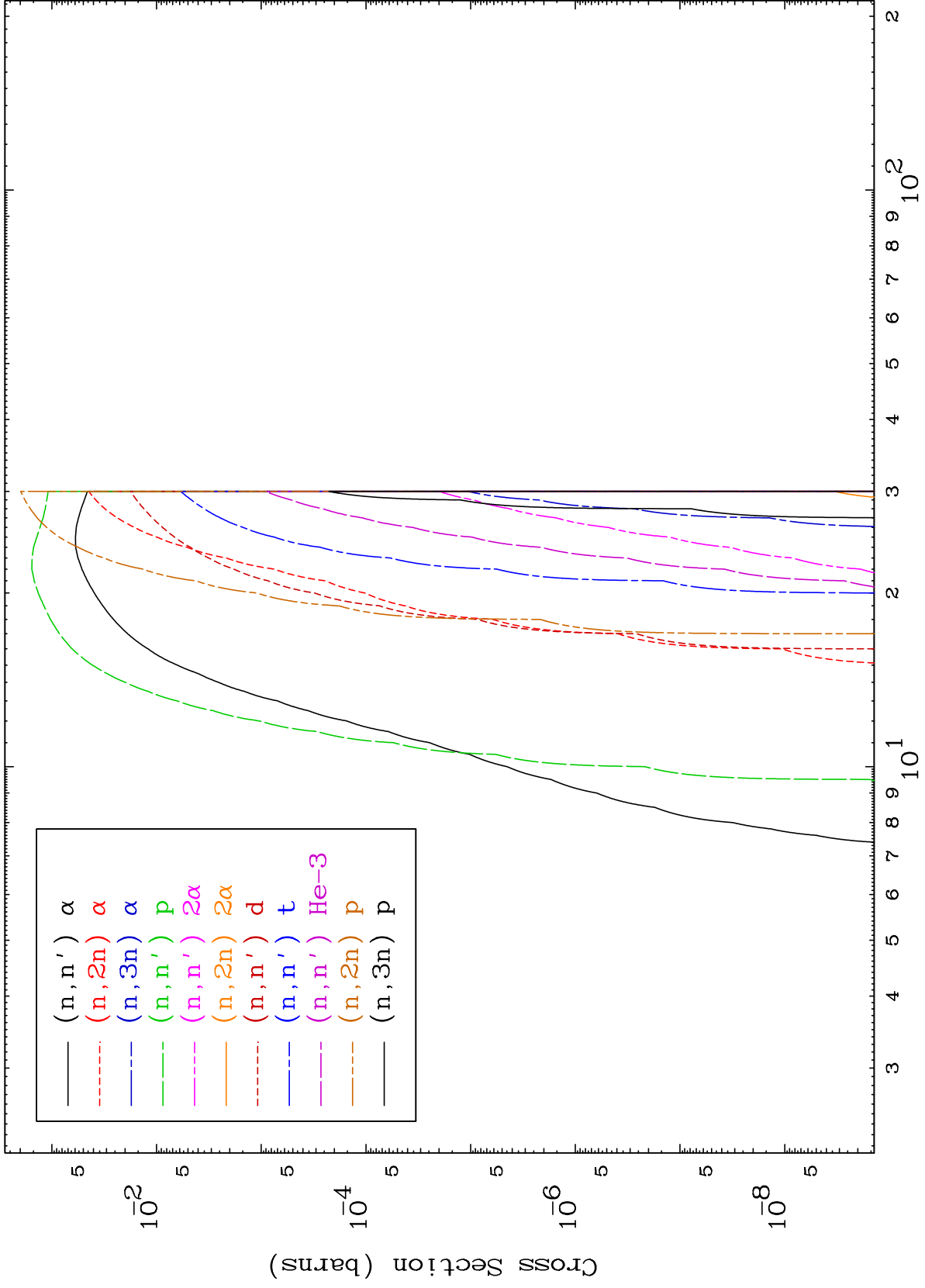
MAT 4628

Neutron Production
293 Kelvin Cross Sections

46-Pd-103



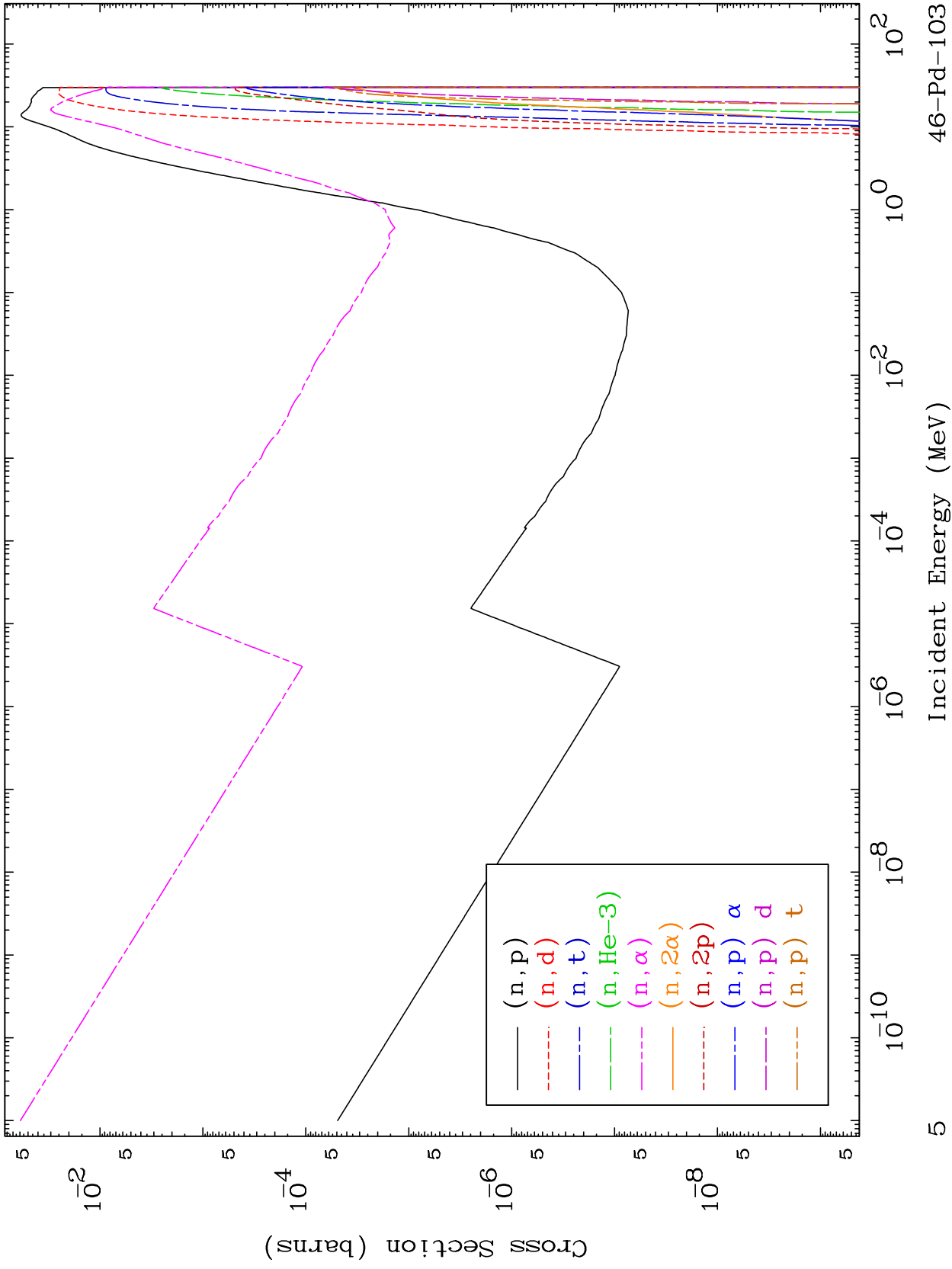




MAT 4628

Charged Particle
293 Kelvin Cross Sections

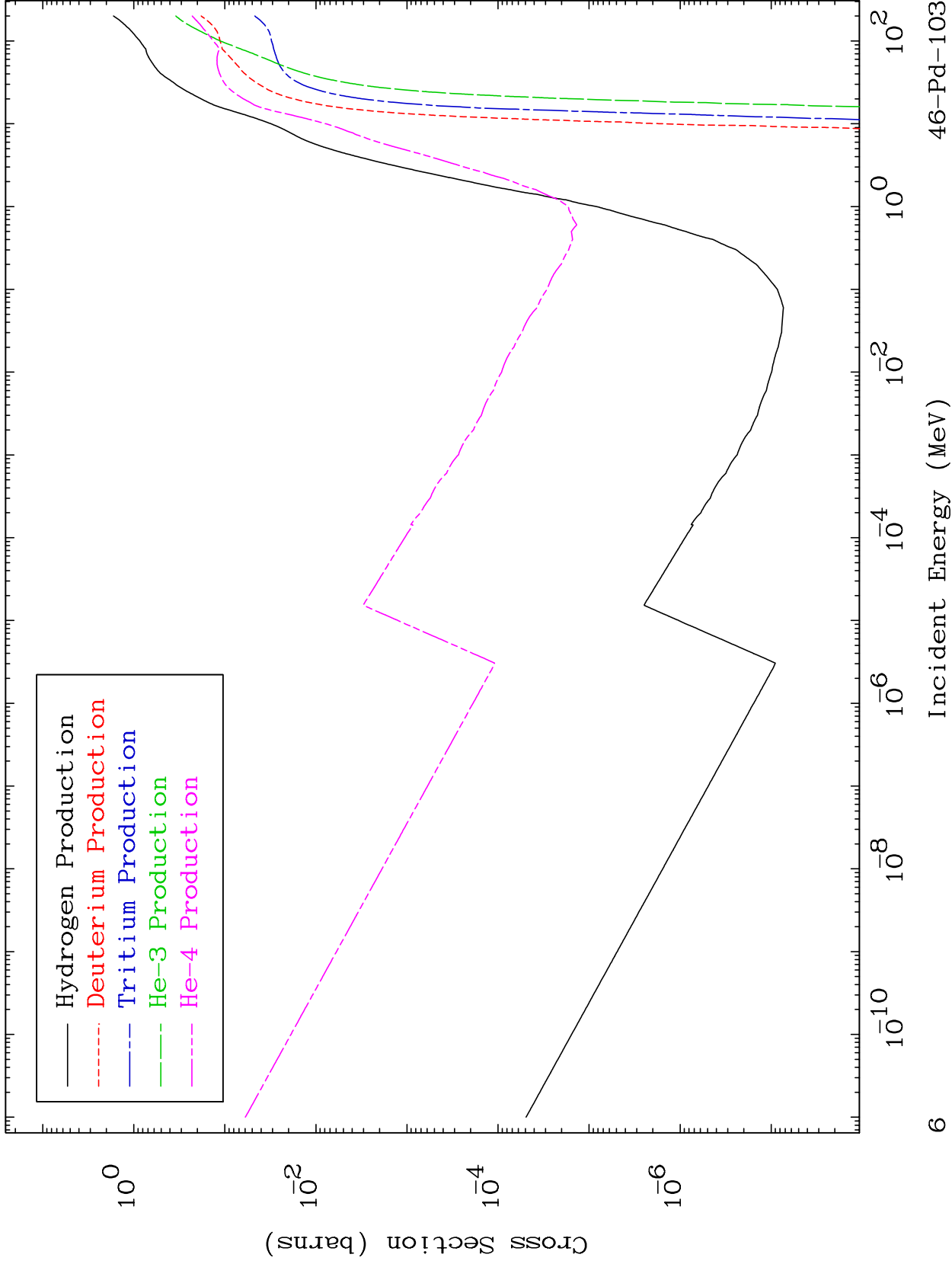
46-Pd-103



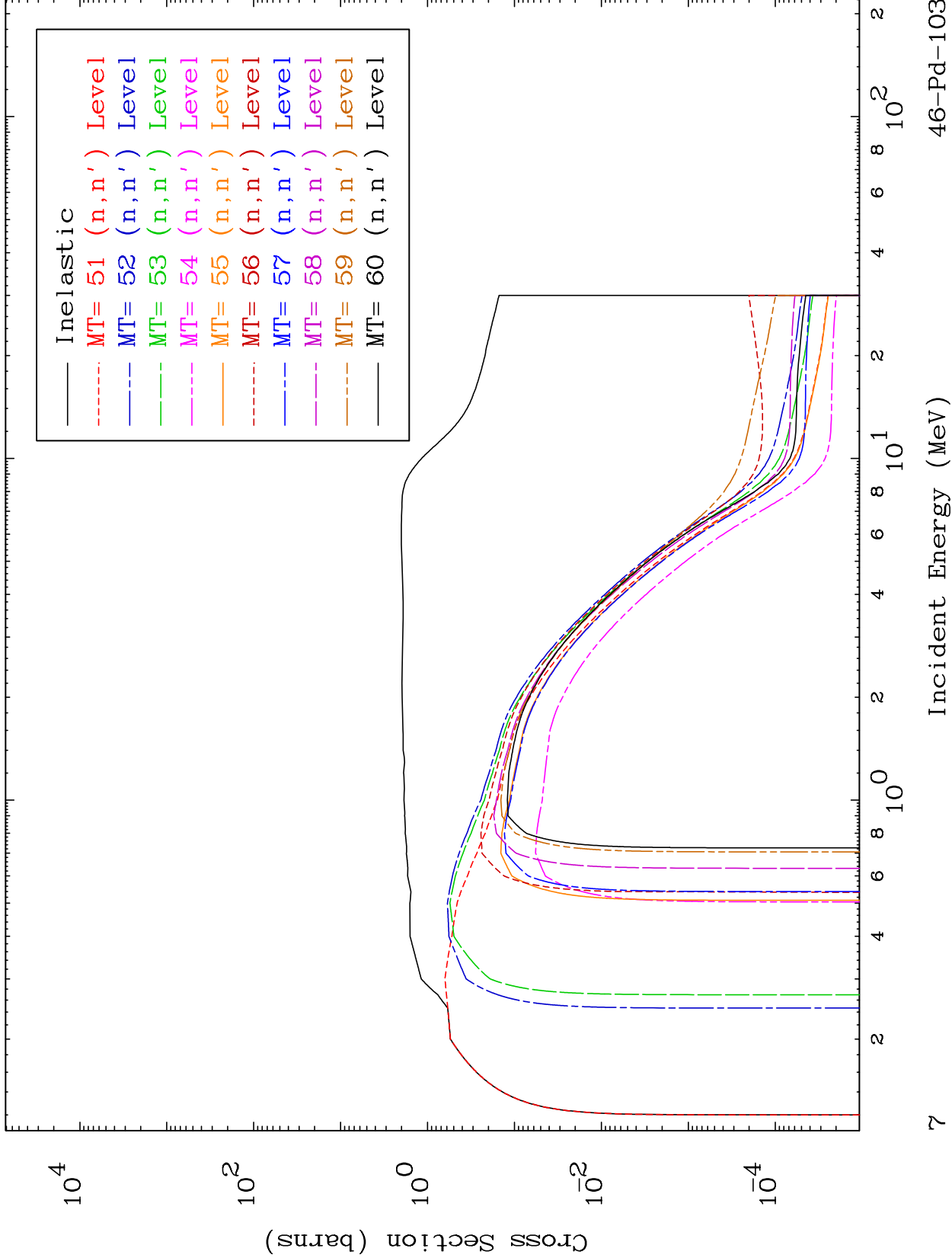
MAT 4628

Particle Production
293 Kelvin Cross Sections

46-Pd-103



293 Kelvin Cross Sections

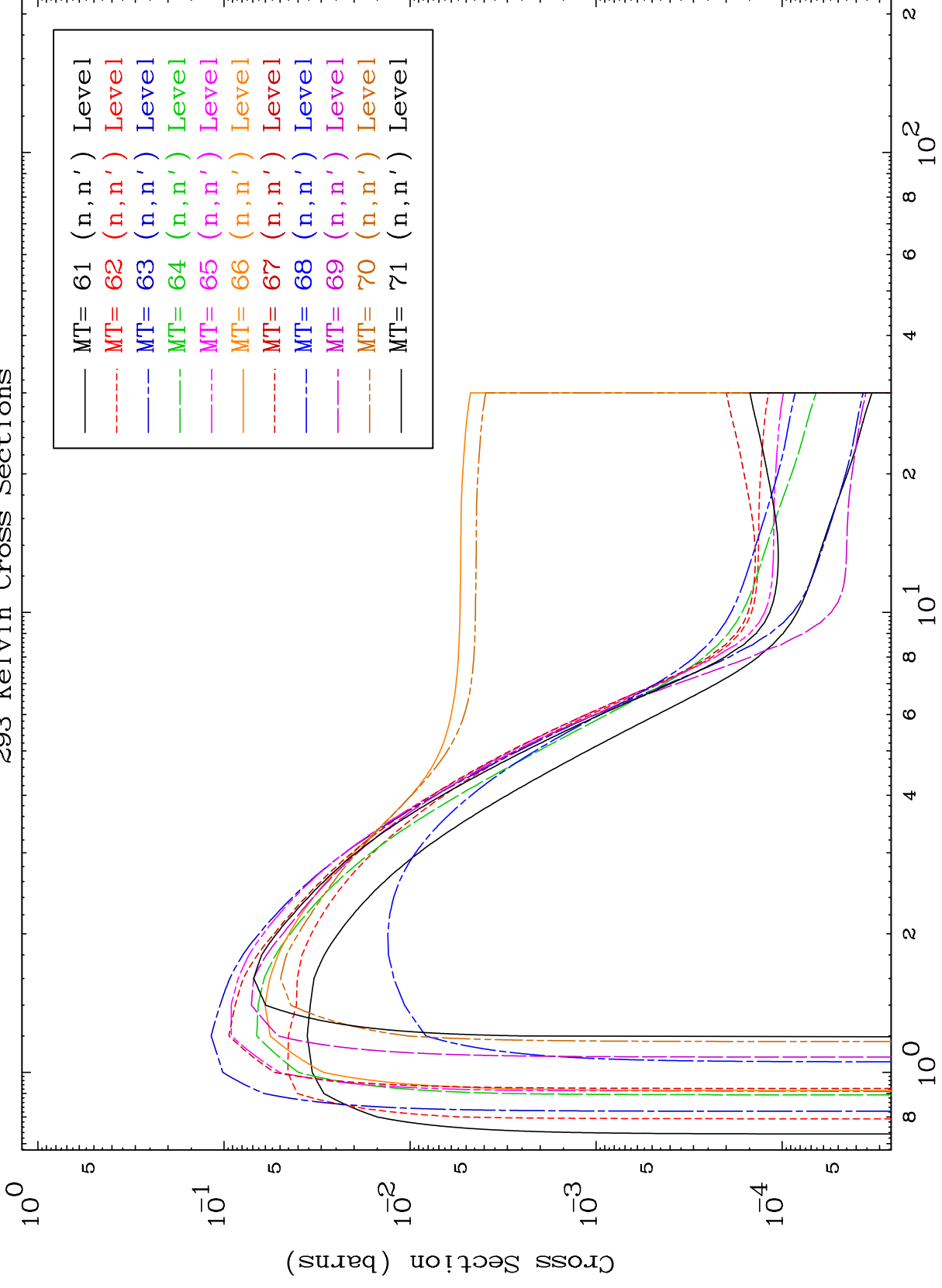


MAT 4628

(n,n') Level

46-Pd-103

293 Kelvin Cross Sections



Incident Energy (MeV)

46-Pd-103

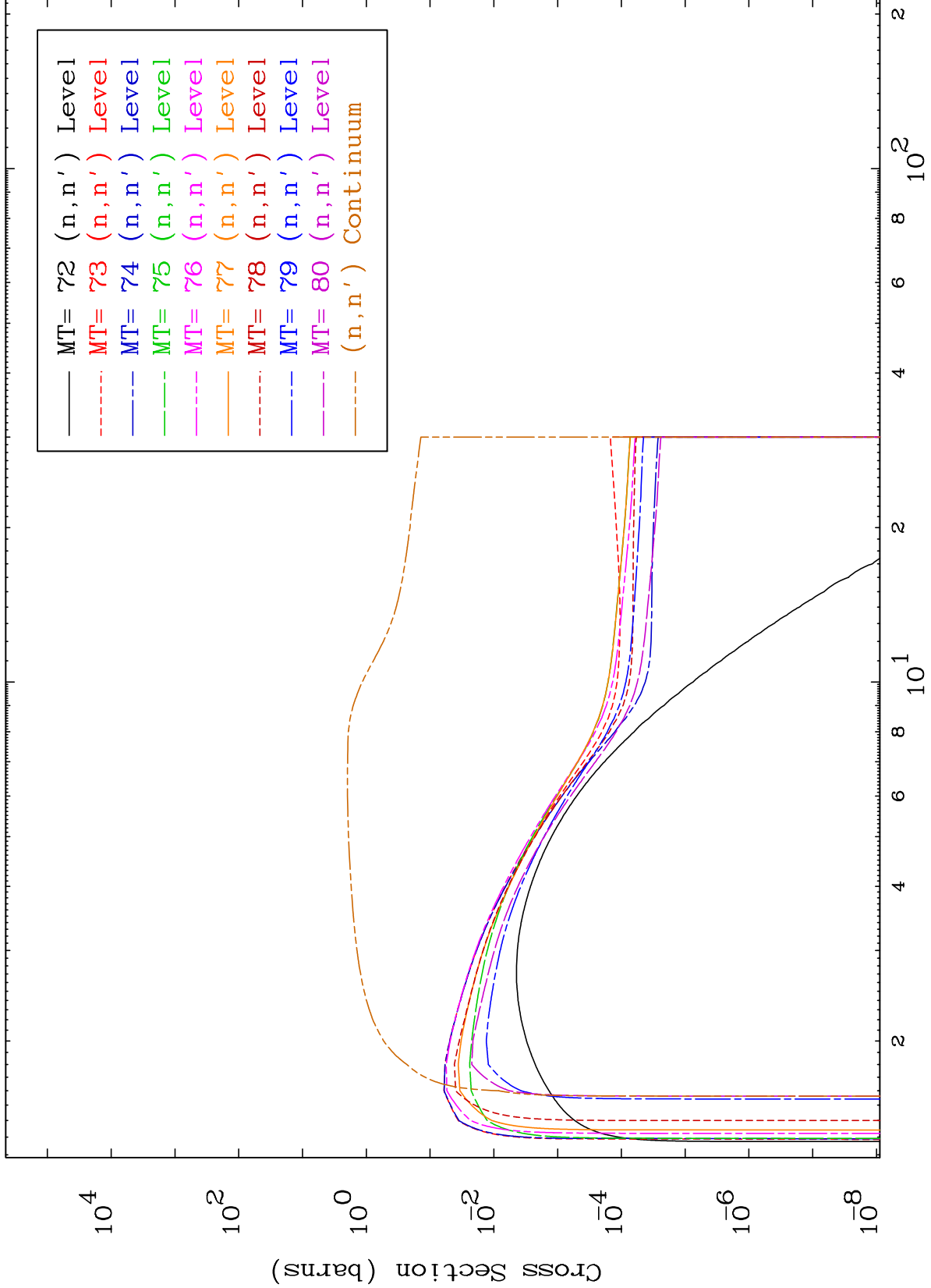
8

MAT 4628

(n,n') Level

46-Pd-103

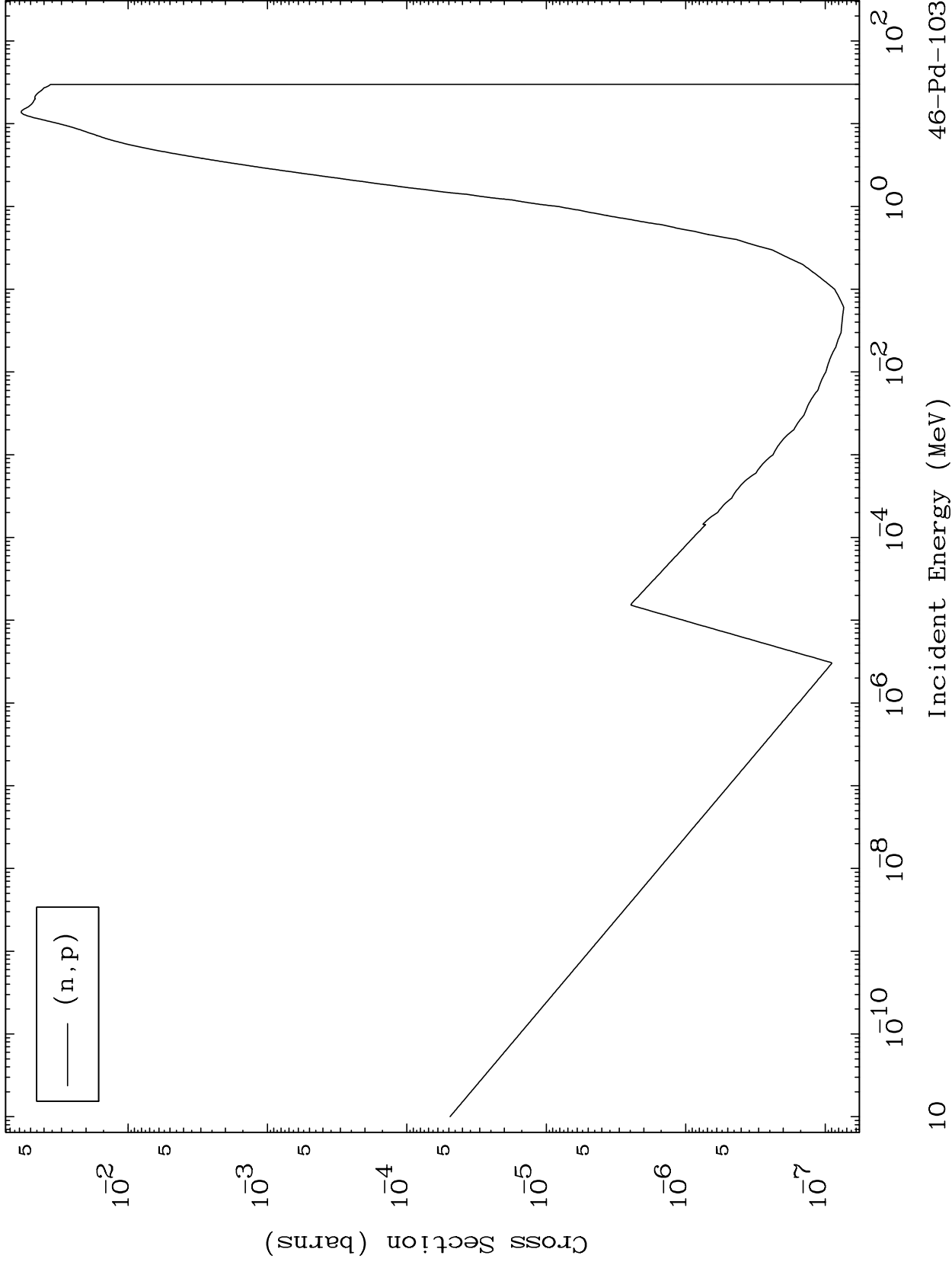
293 Kelvin Cross Sections



MAT 4628

(n,p) Levels
293 Kelvin Cross Sections

46-Pd-103



10

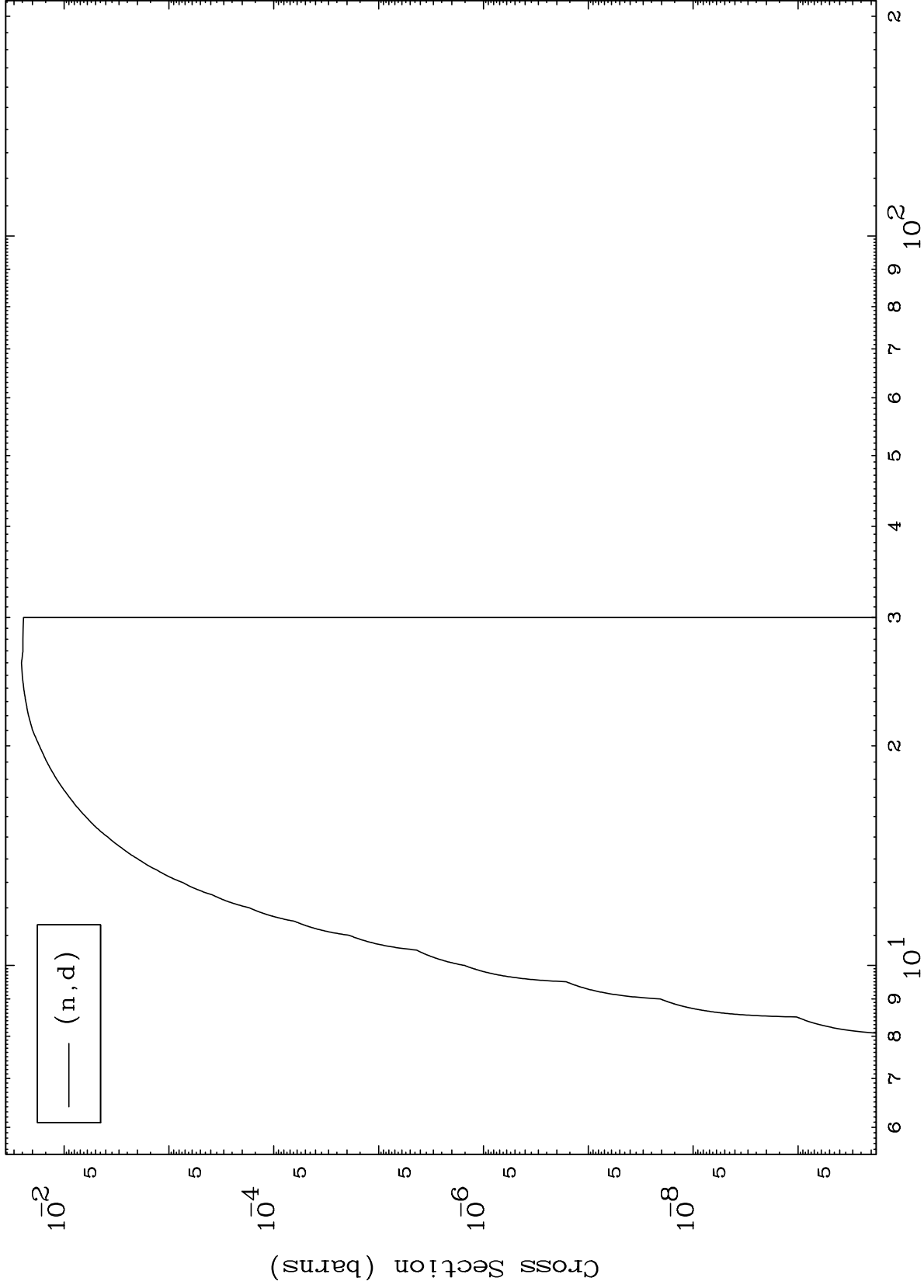
Incident Energy (MeV)

46-Pd-103

MAT 4628

(n,d) Levels
293 Kelvin Cross Sections

46-Pd-103



11

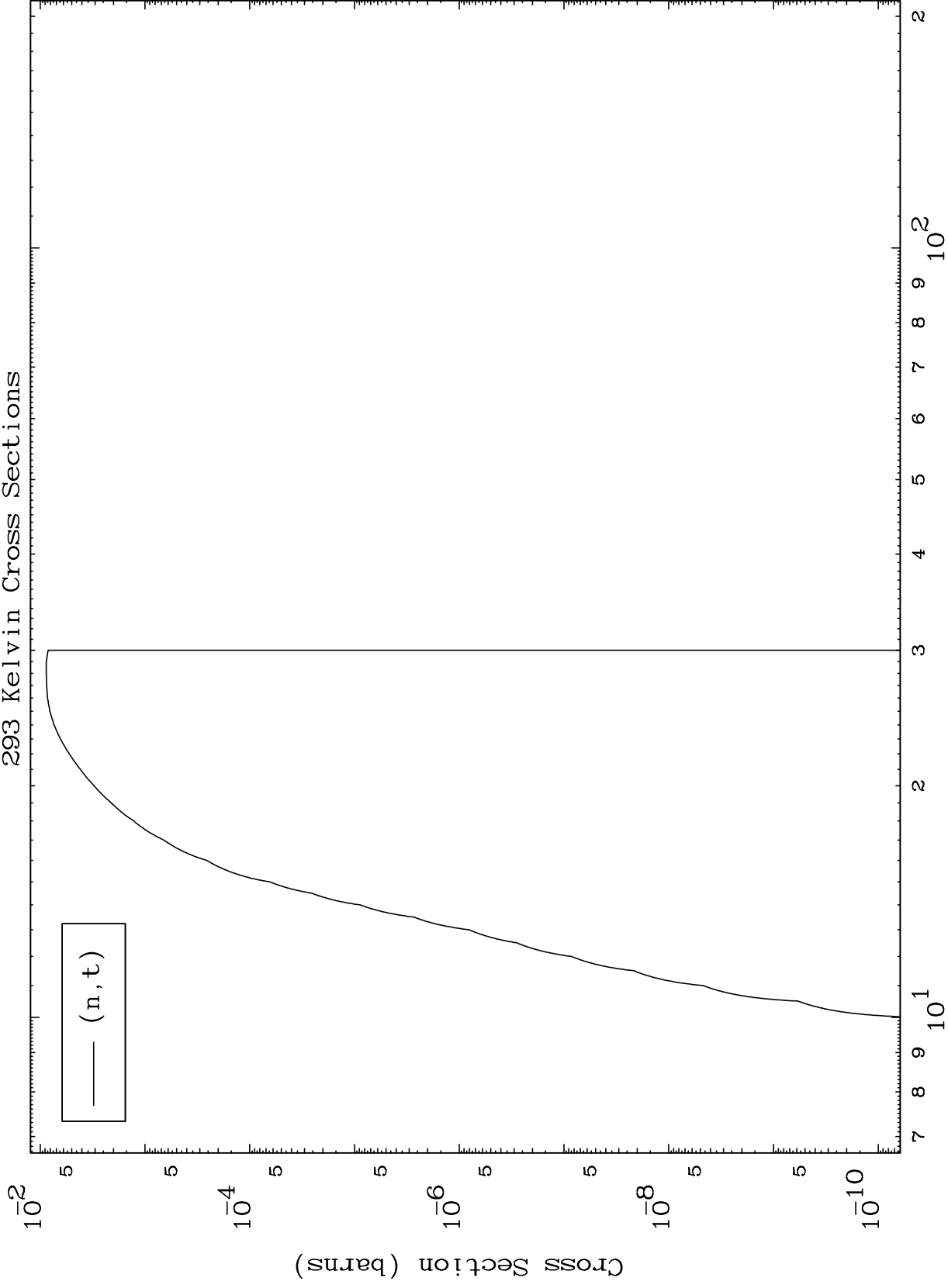
Incident Energy (MeV)

46-Pd-103

MAT 4628

(n,t) Levels
293 Kelvin Cross Sections

46-Pd-103



12

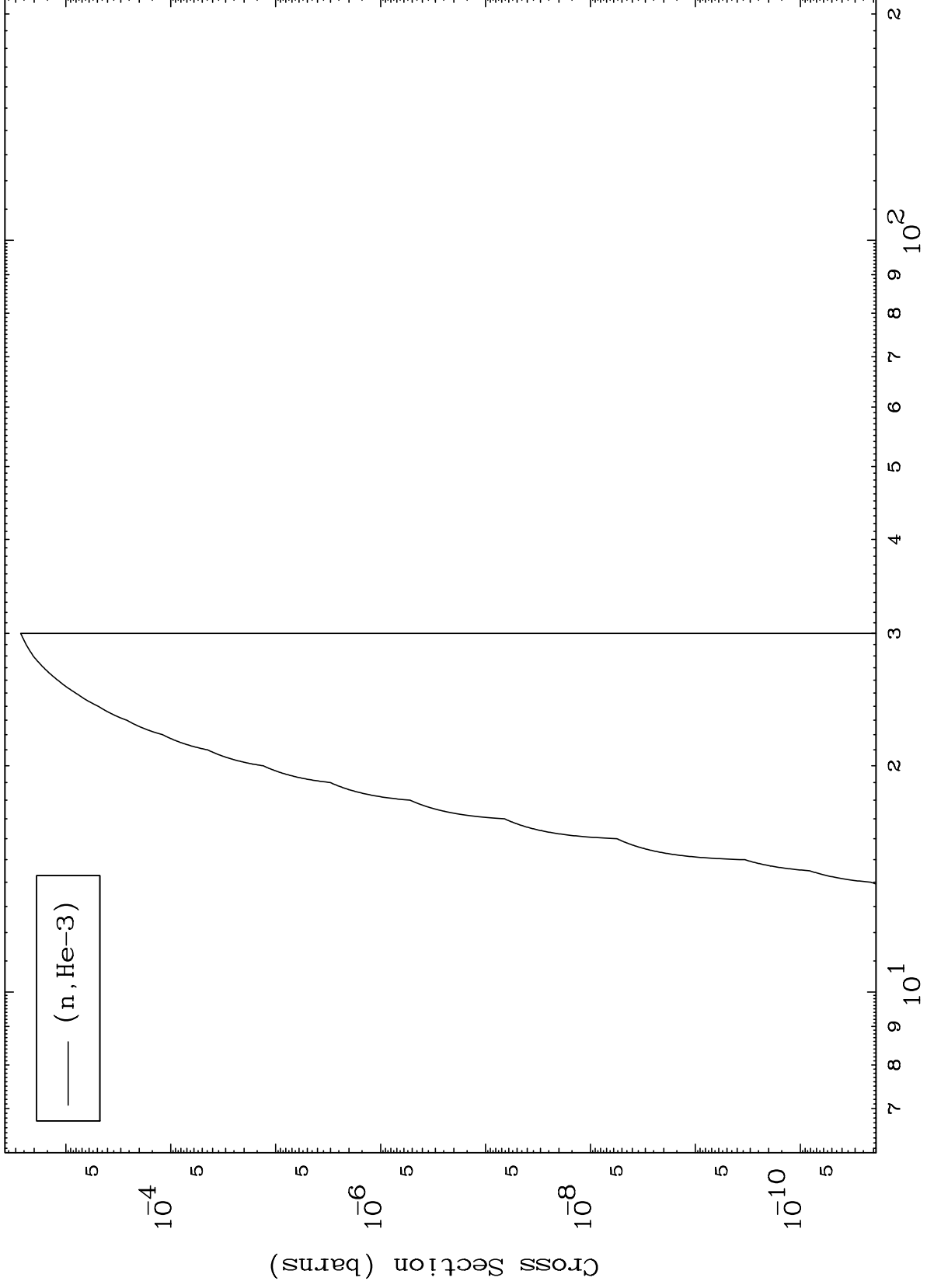
Incident Energy (MeV)

46-Pd-103

MAT 4628

(n,He3) Levels
293 Kelvin Cross Sections

46-Pd-103



13

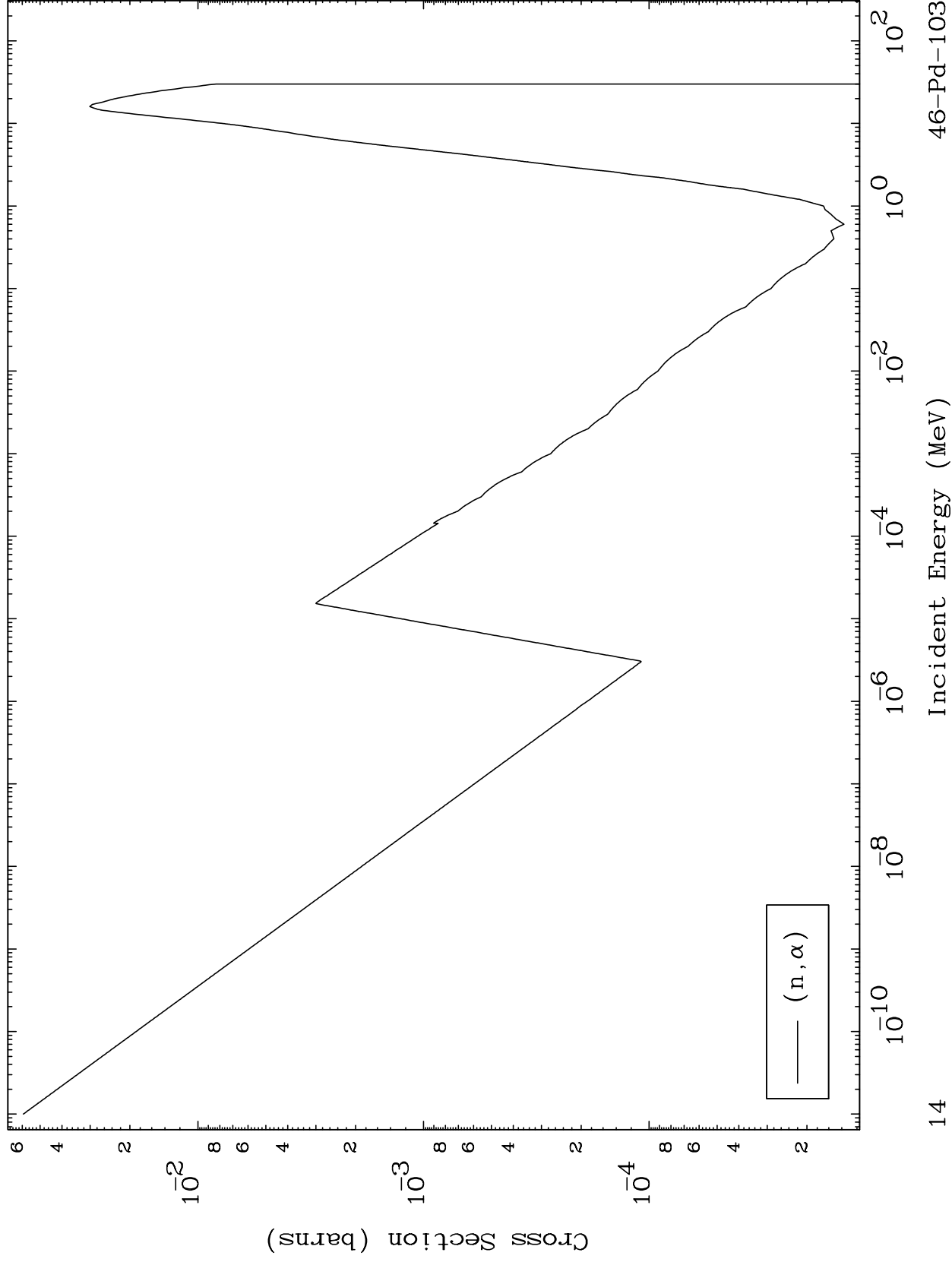
Incident Energy (MeV)

46-Pd-103

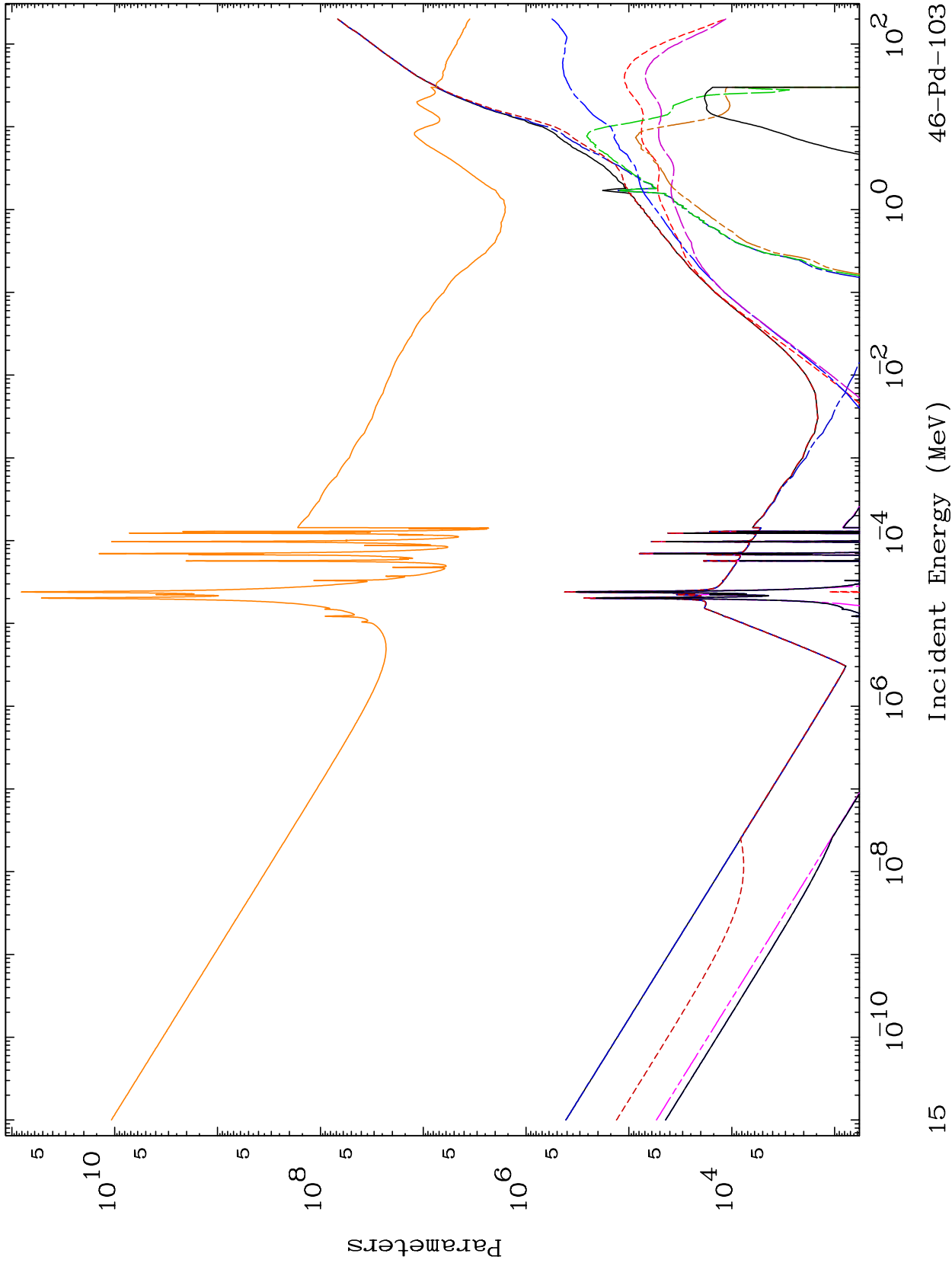
MAT 4628

(n, α) Levels
293 Kelvin Cross Sections

46-Pd-103



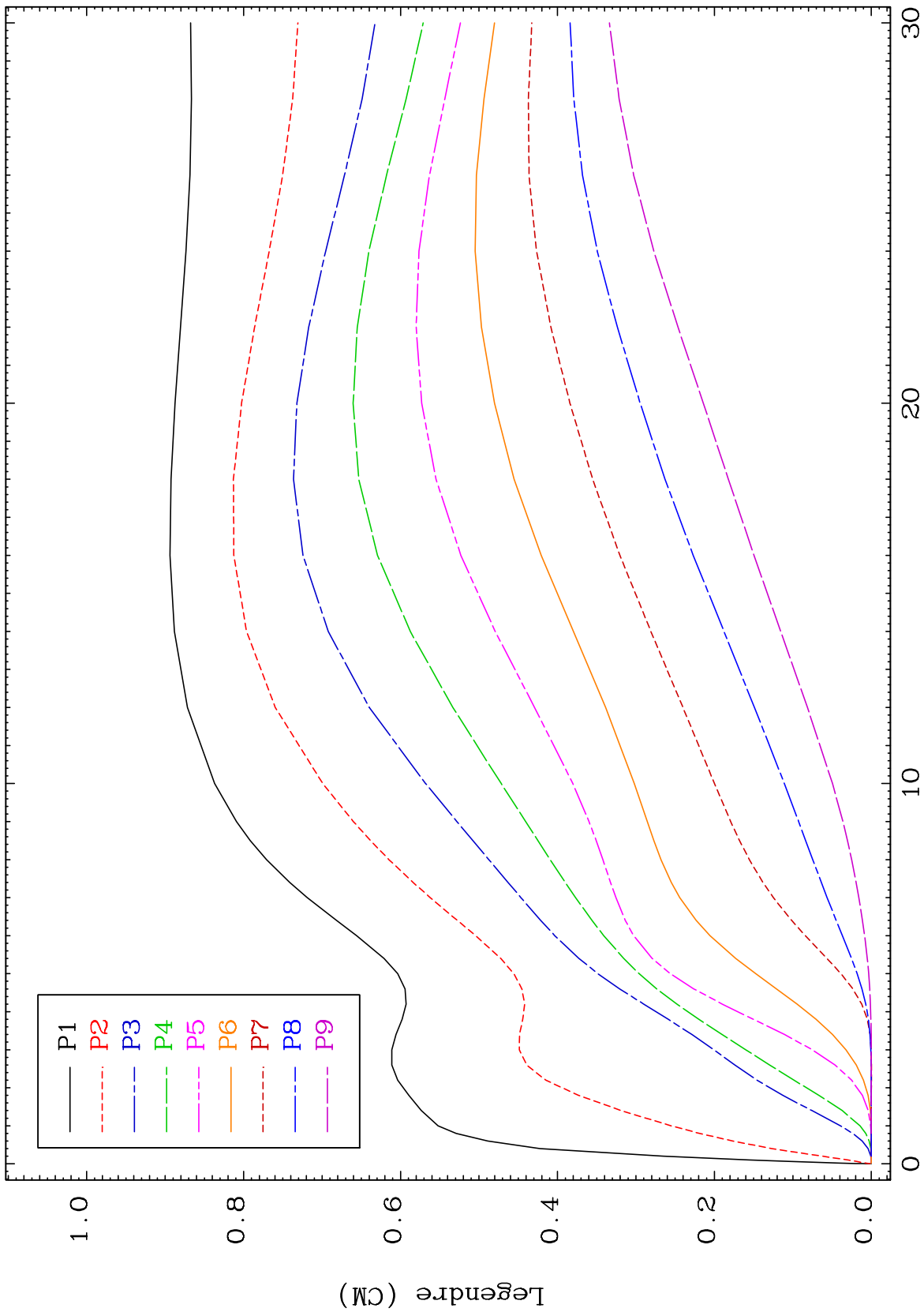
46-Pd-103



MAT 4628

Elastic Legendre Coefficients

46-Pd-103



16

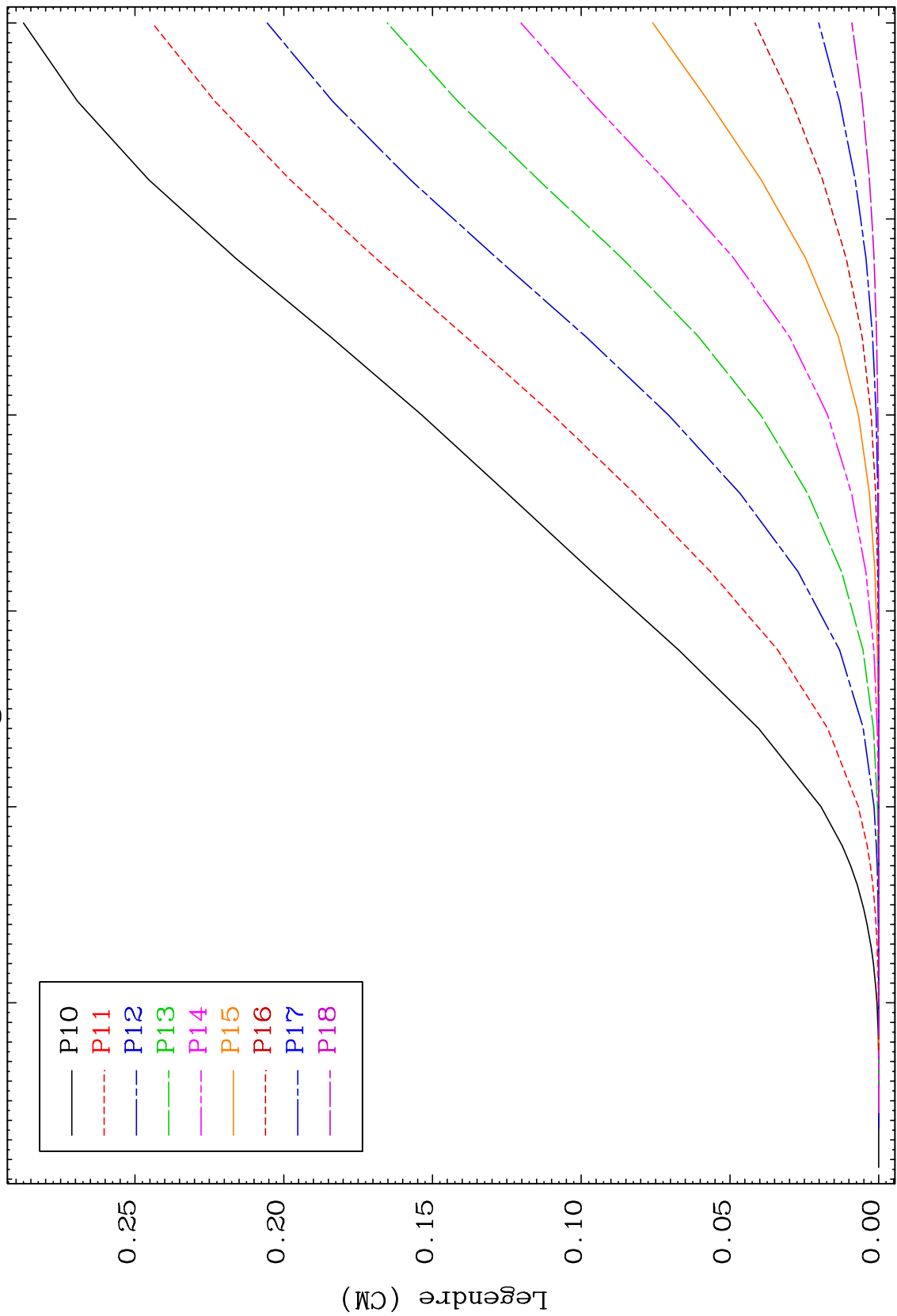
Incident Energy (MeV)

46-Pd-103

MAT 4628

Elastic Legendre Coefficients

46-Pd-103



17

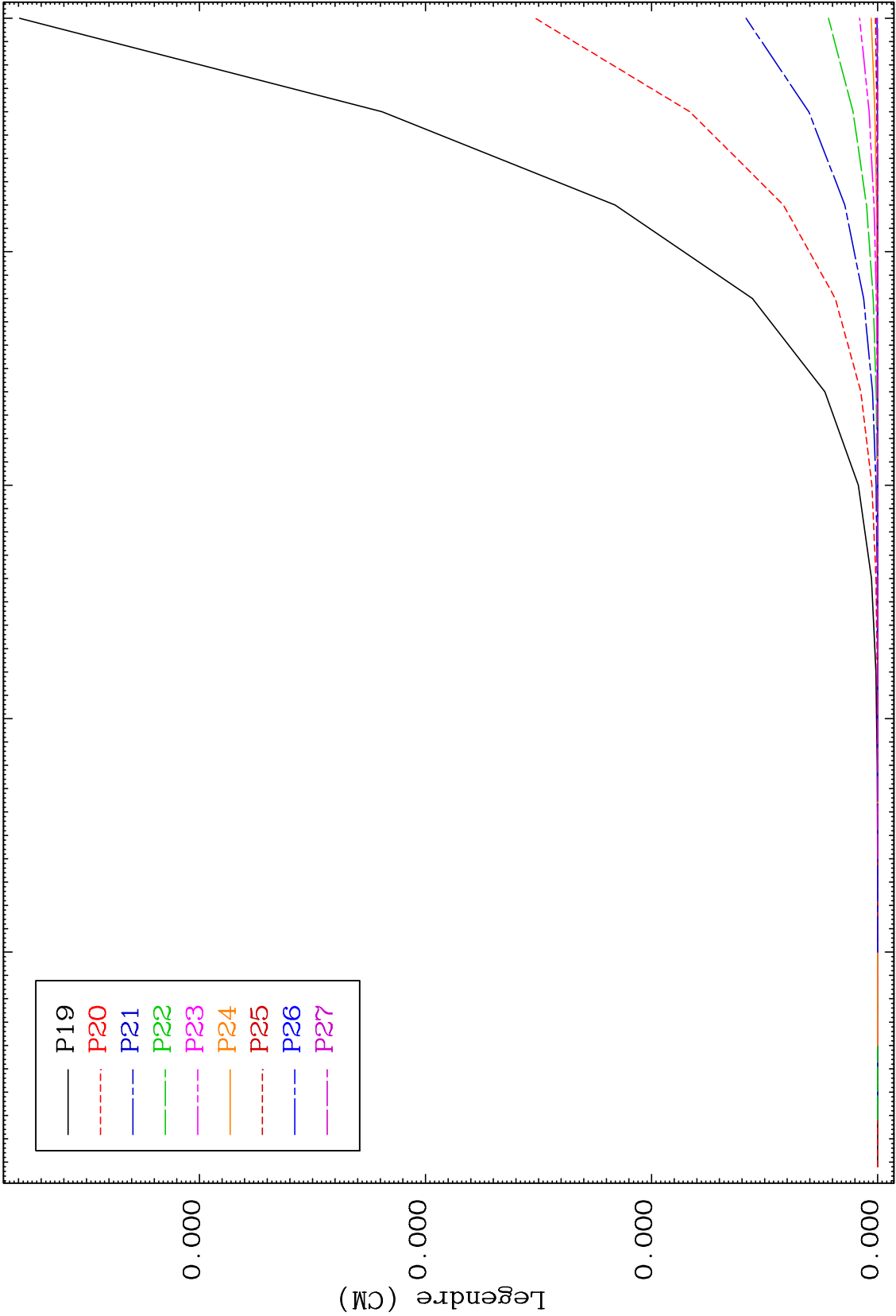
46-Pd-103

Incident Energy (MeV)

MAT 4628

Elastic Legendre Coefficients

46-Pd-103



18

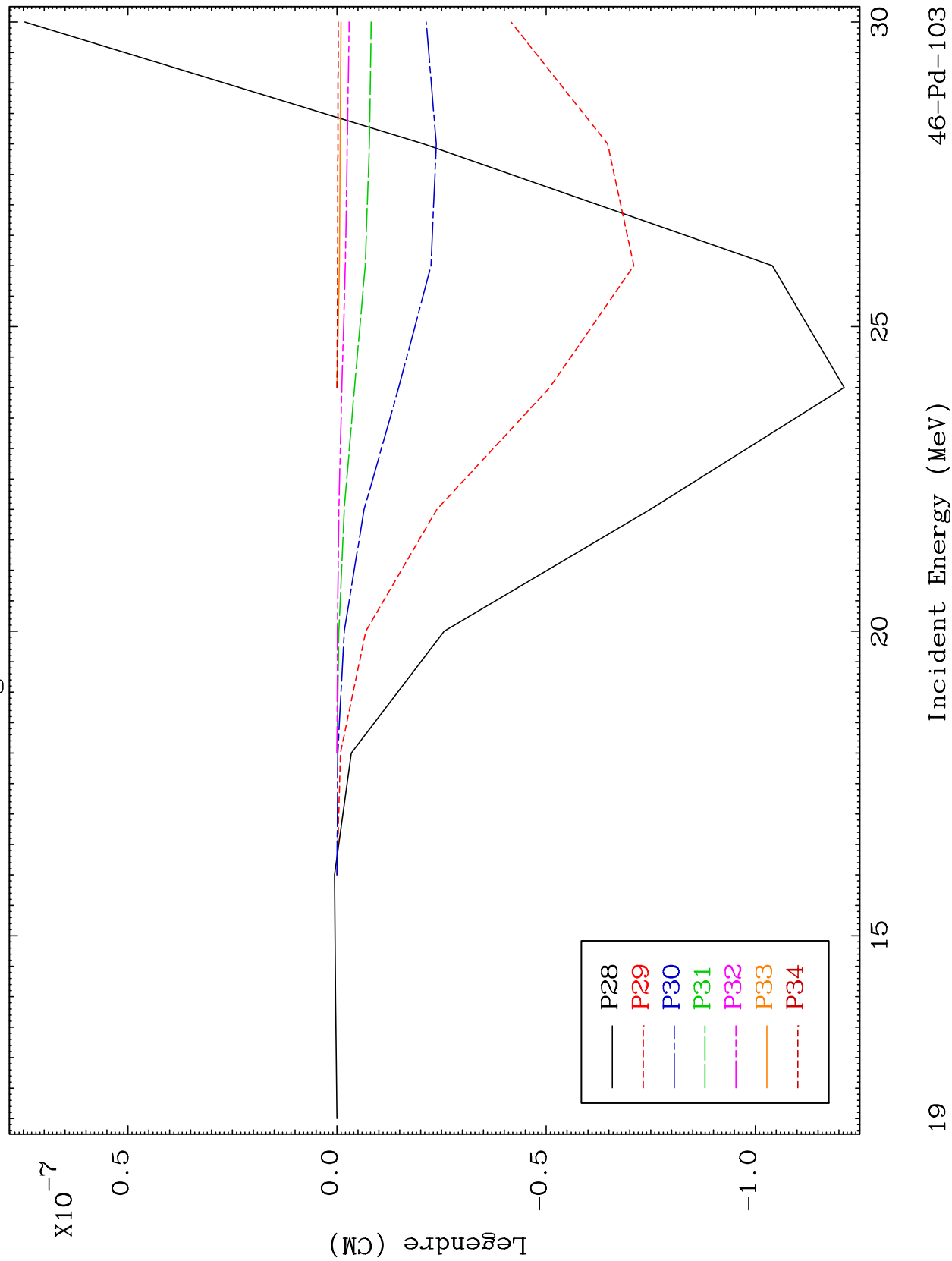
Incident Energy (MeV)

46-Pd-103

MAT 4628

Elastic
Legendre Coefficients

46-Pd-103



19

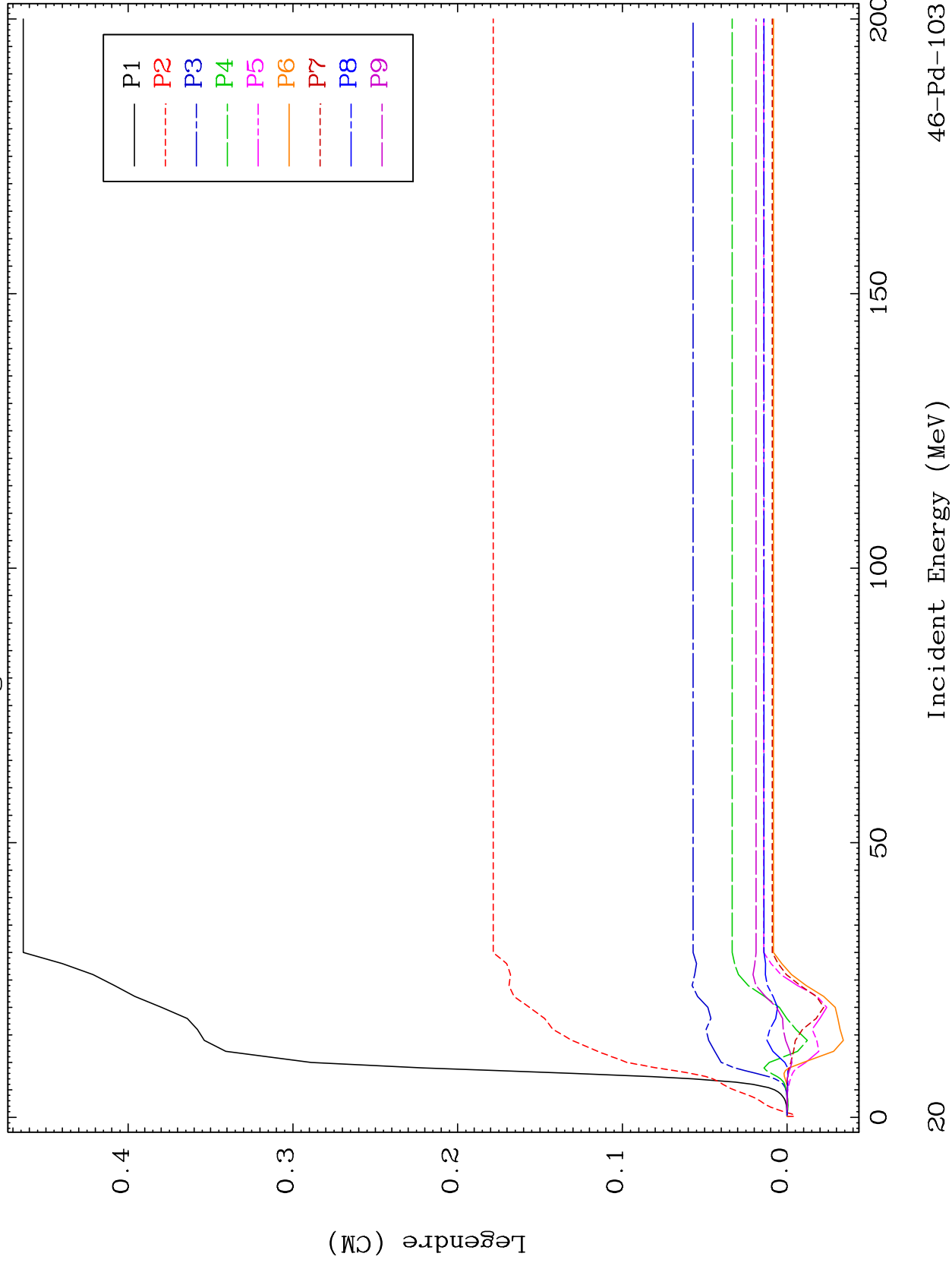
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



46-Pd-103

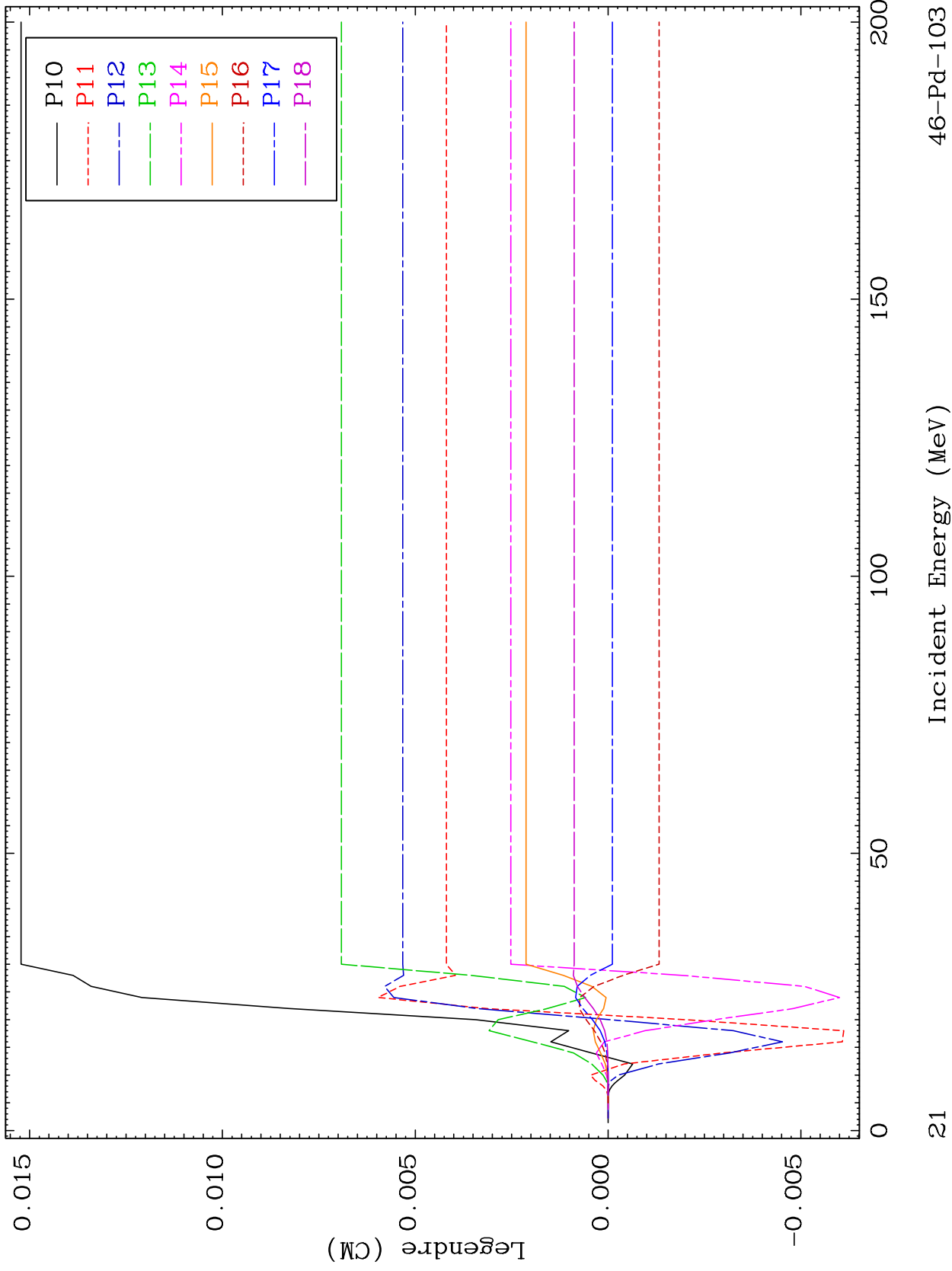
Incident Energy (MeV)

0

MAT 4628

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

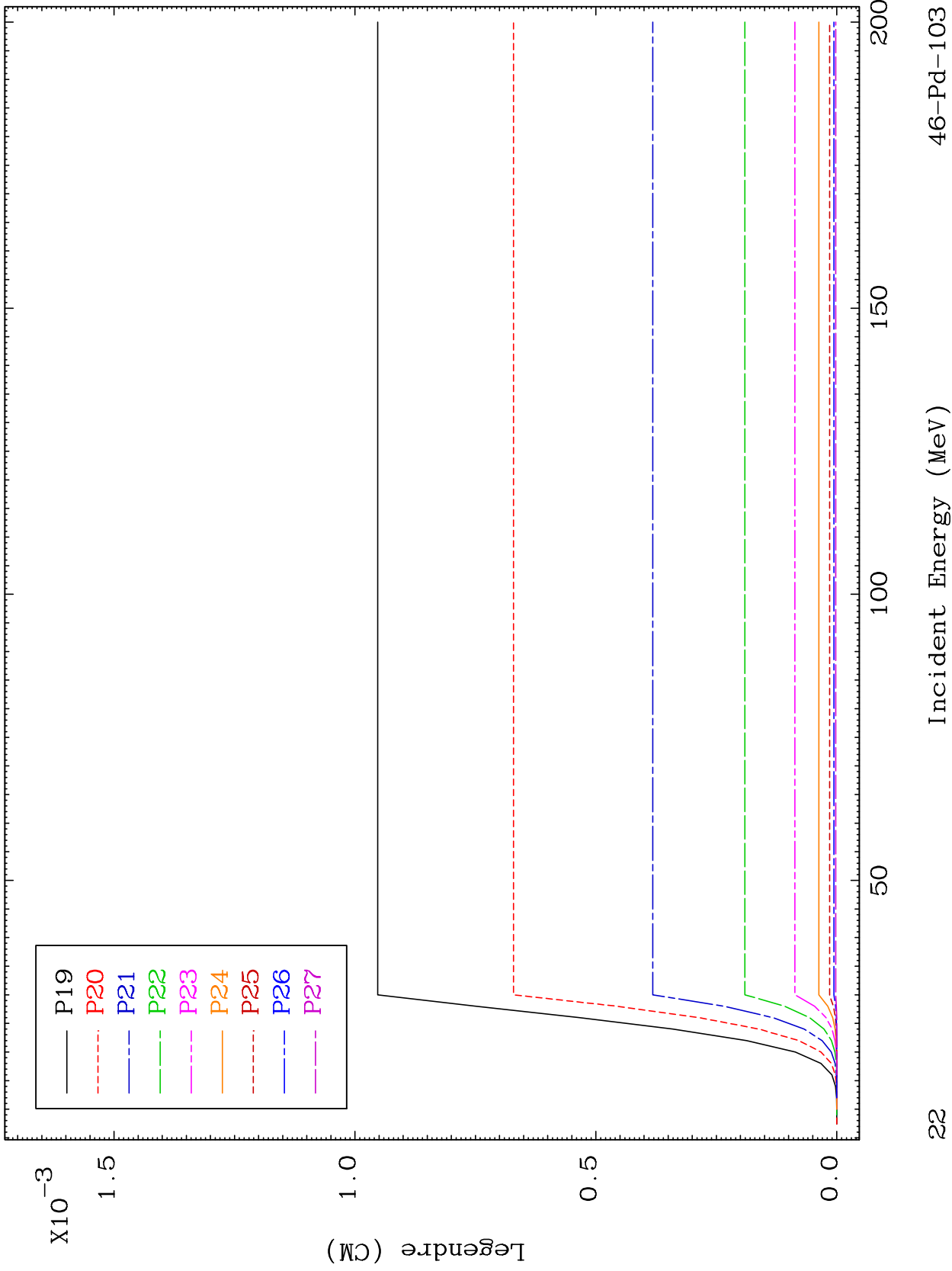
46-Pd-103



46-Pd-103

Incident Energy (MeV)

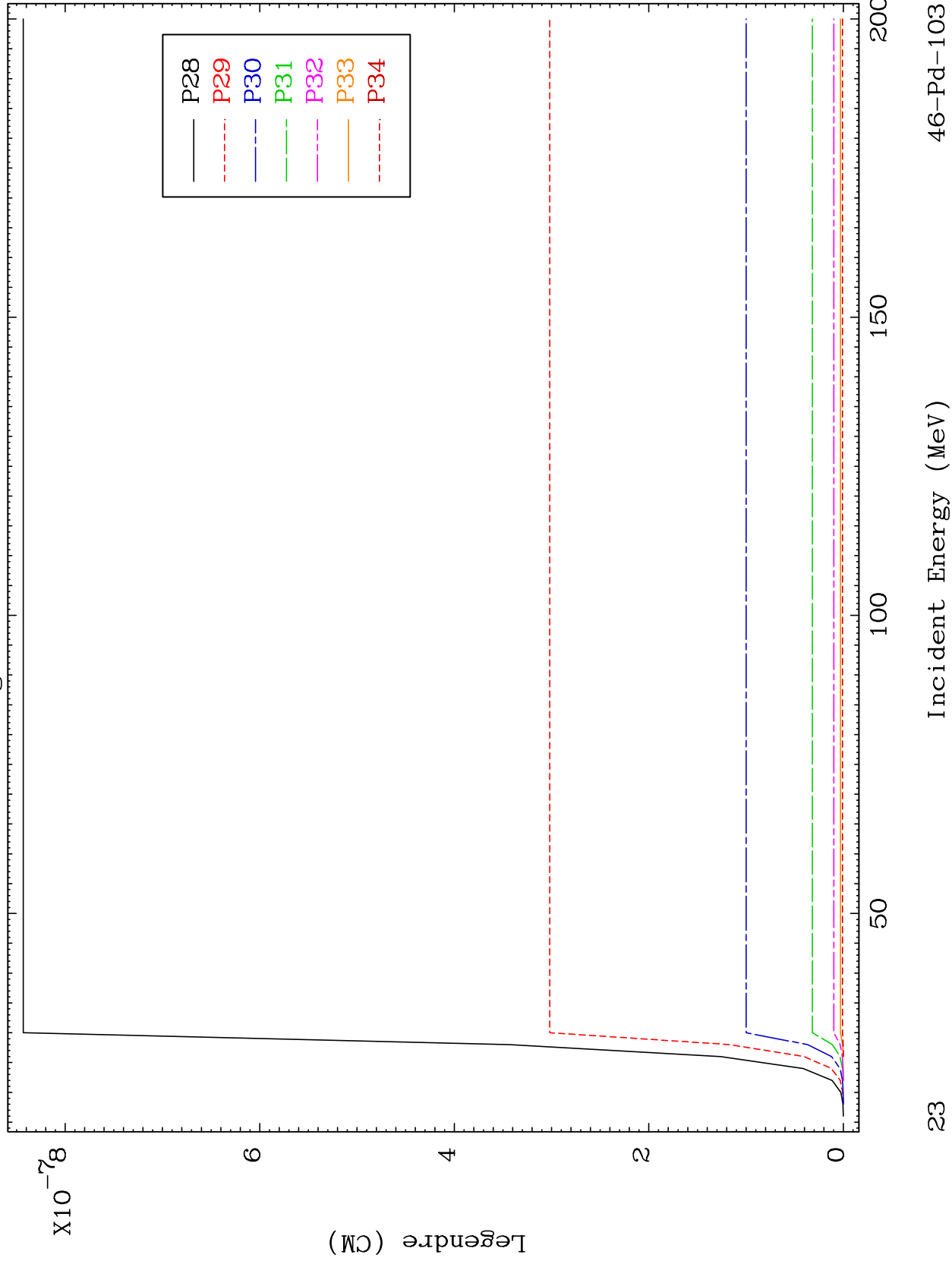
21



MAT 4628

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

46-Pd-103

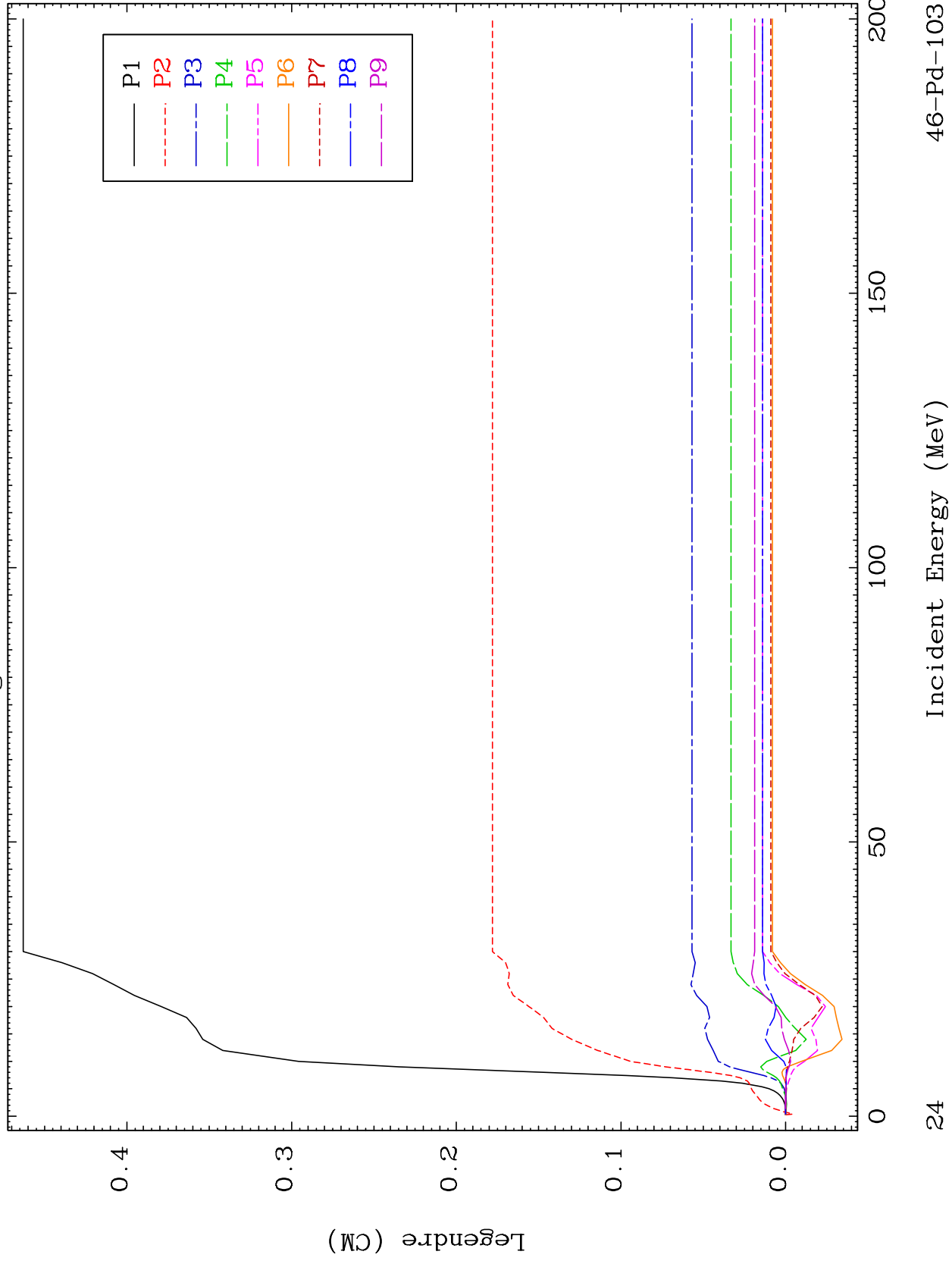


23

MAT 4628

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

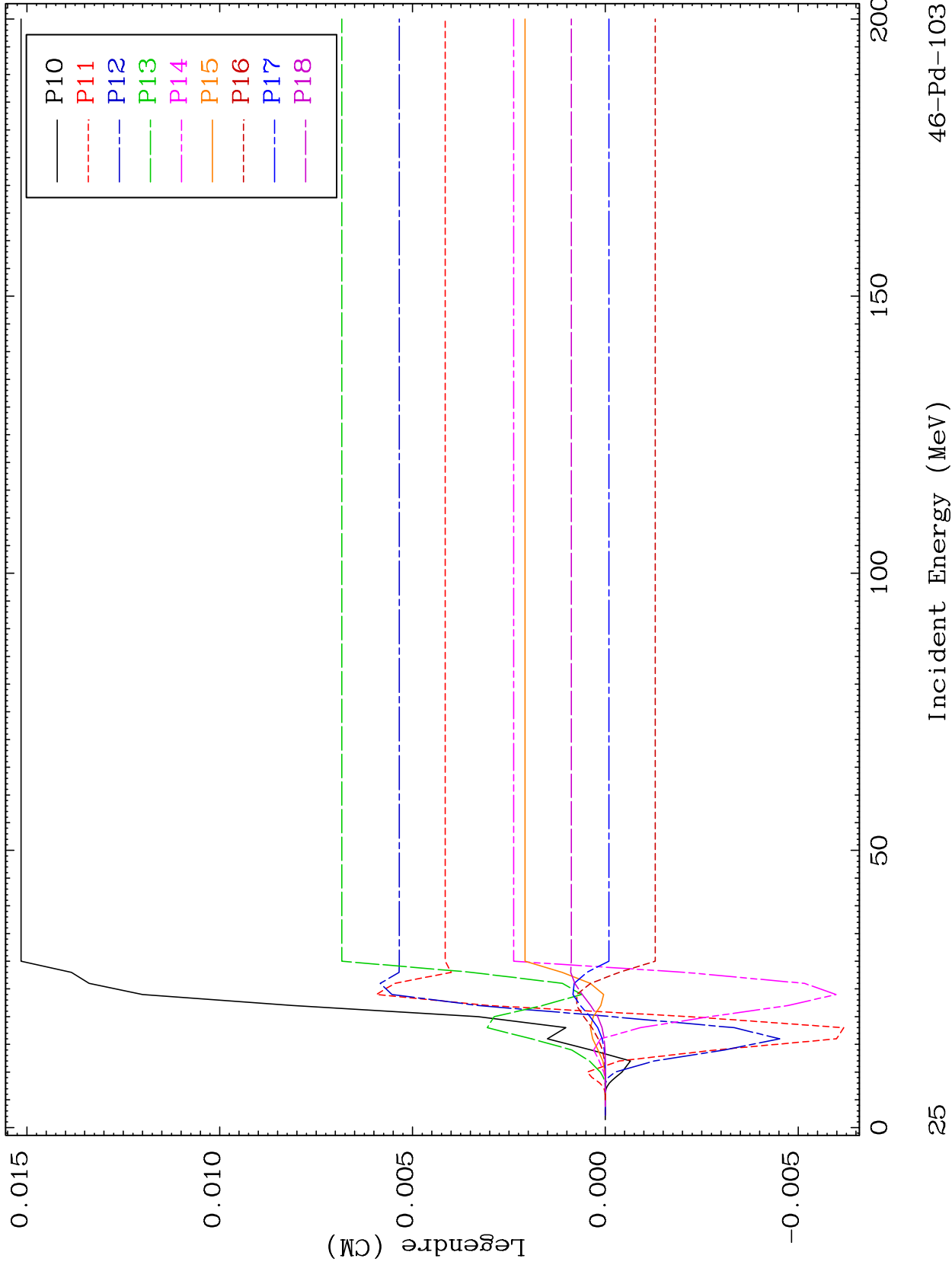
46-Pd-103



MAT 4628

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

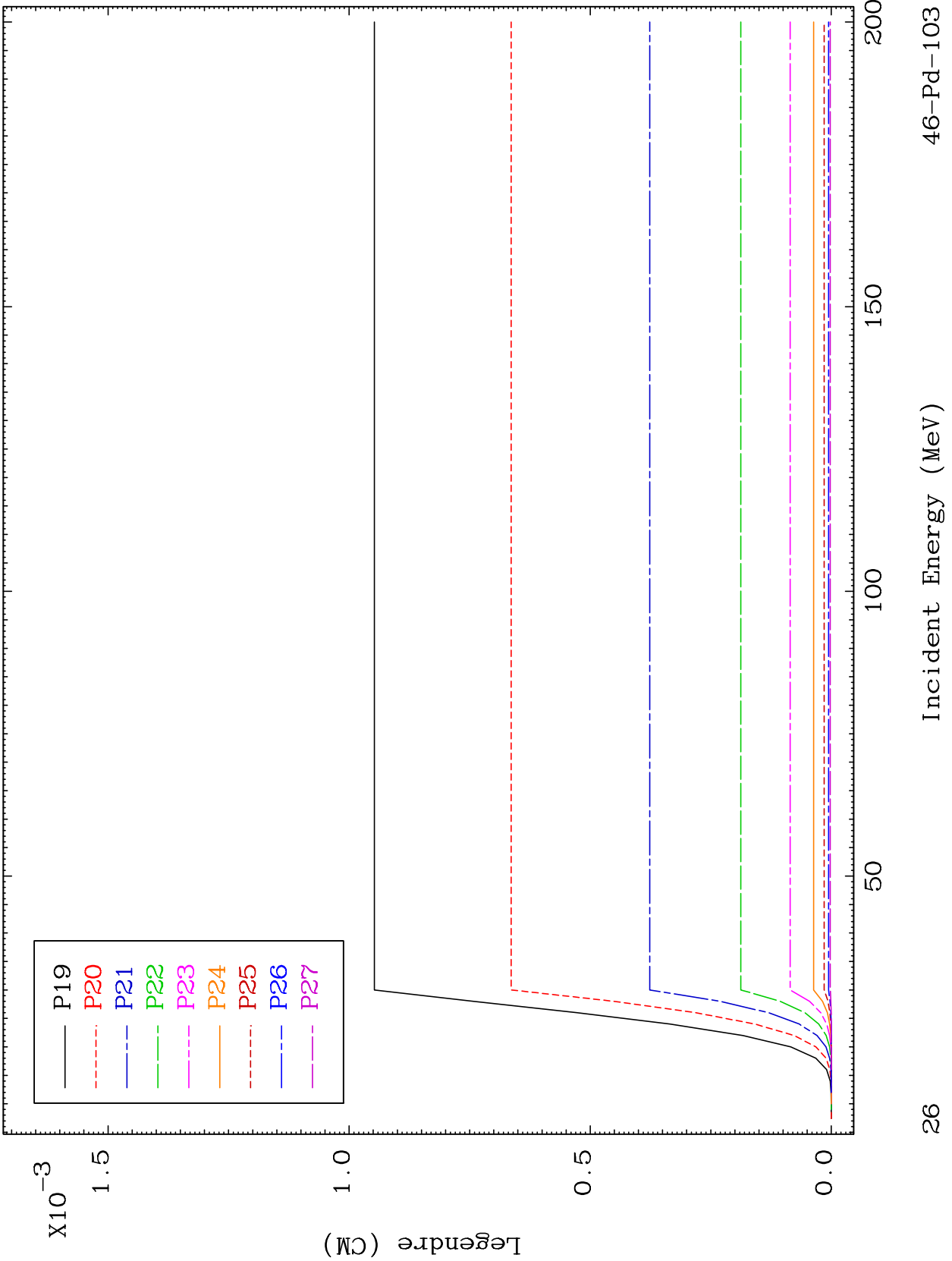
46-Pd-103



46-Pd-103

Incident Energy (MeV)

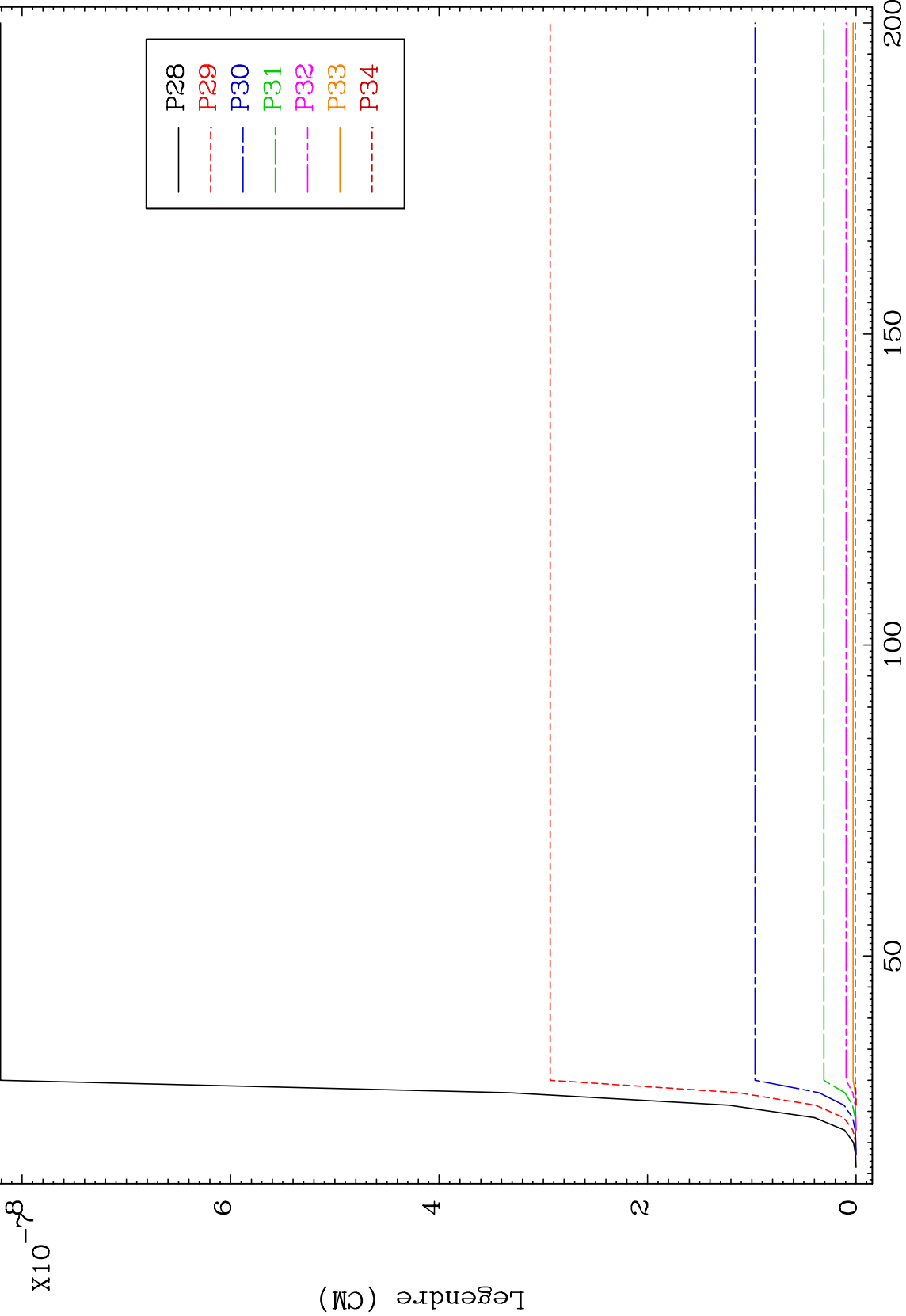
25



MAT 4628

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

46-Pd-103



27

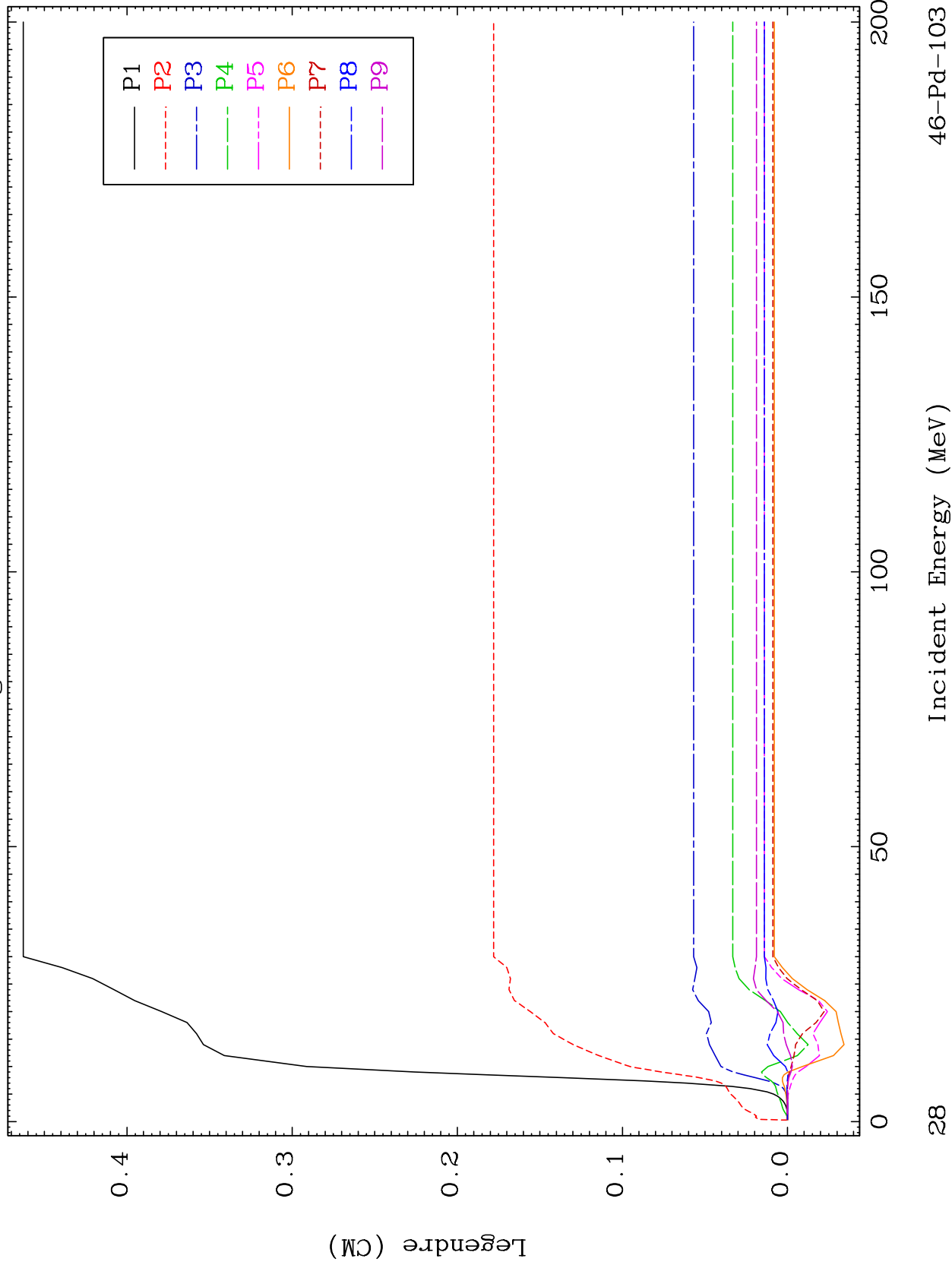
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



46-Pd-103

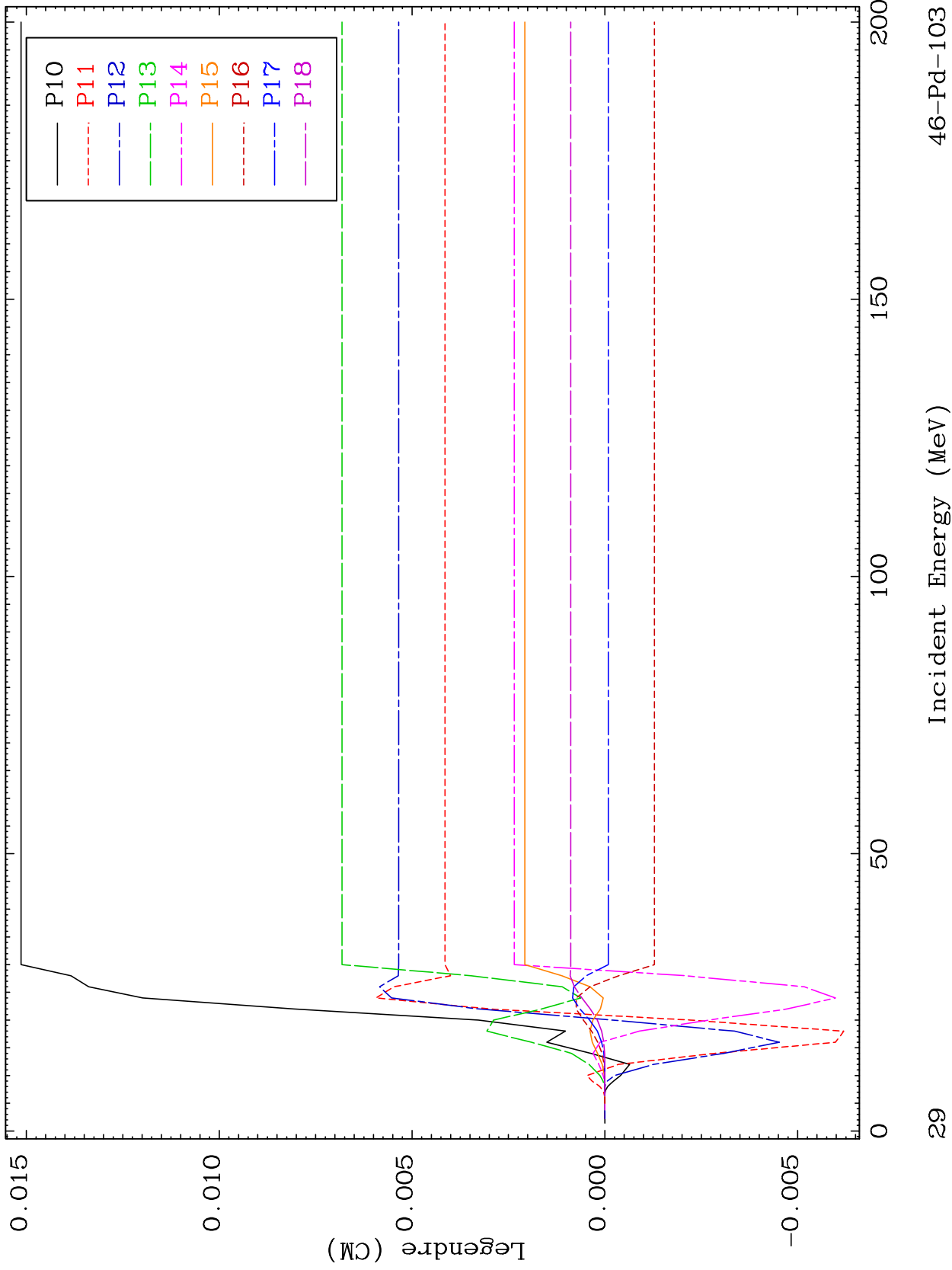
Incident Energy (MeV)

28

MAT 4628

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

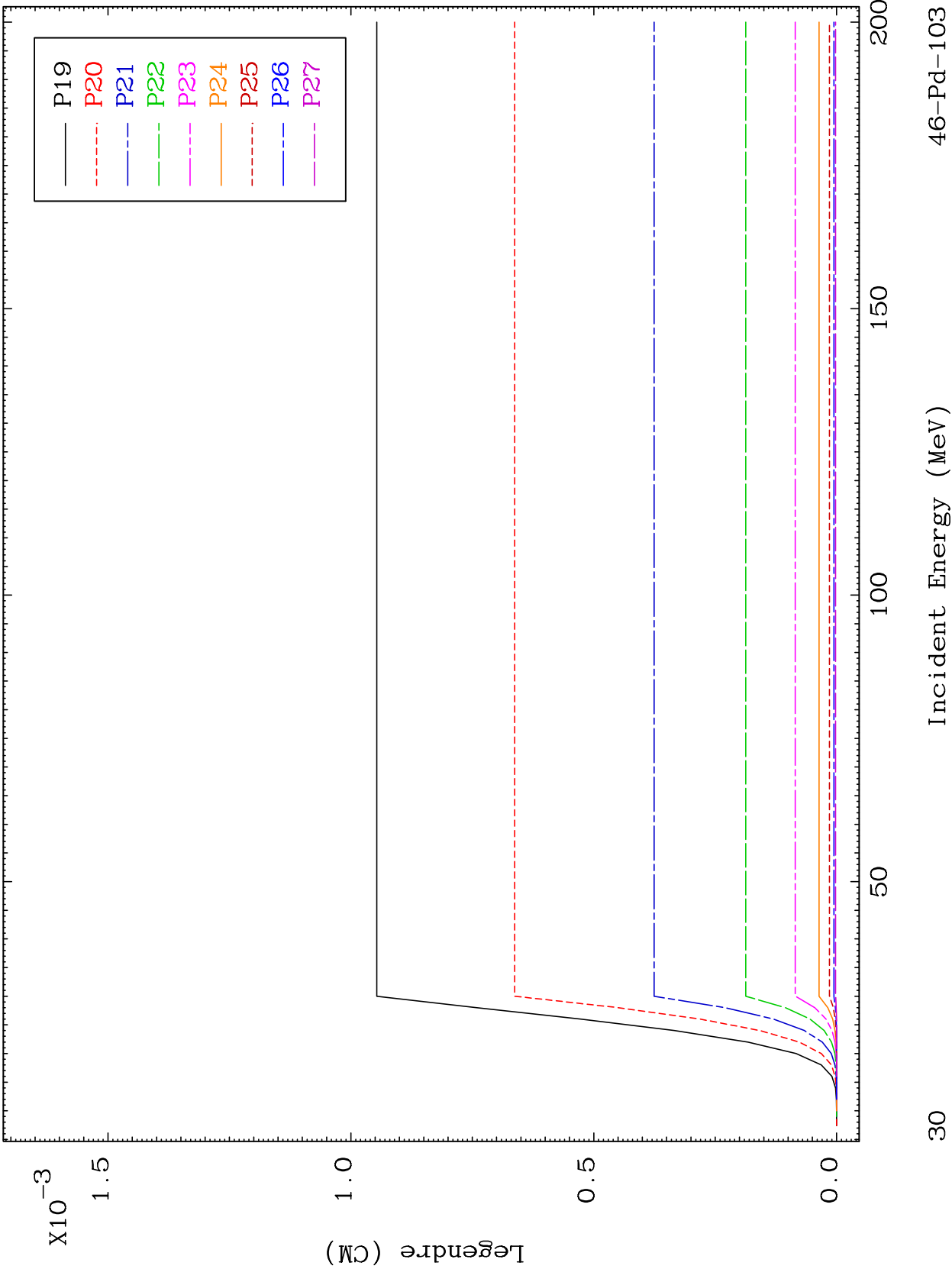
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MAT 4628

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

46-Pd-103



30

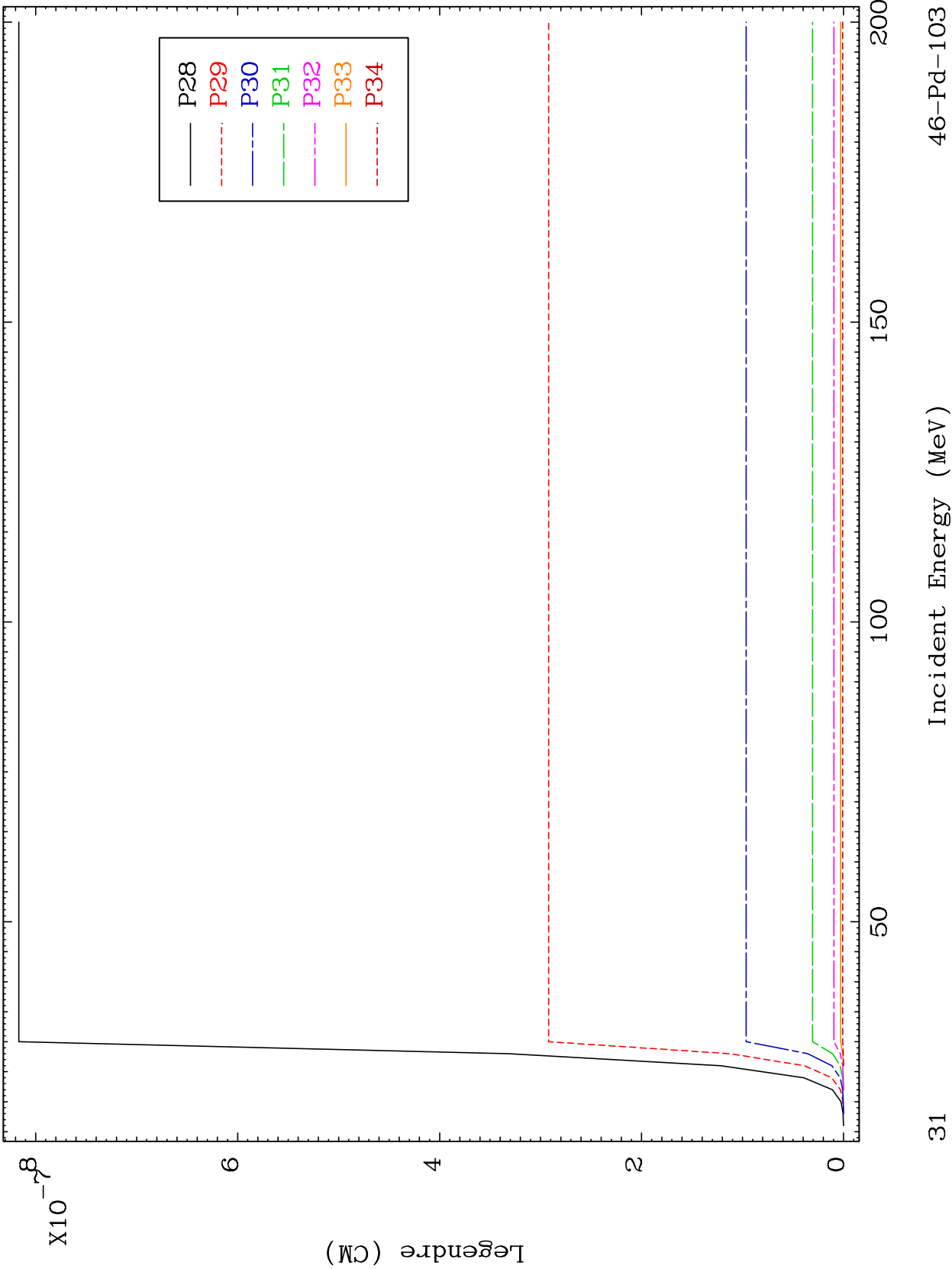
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



31

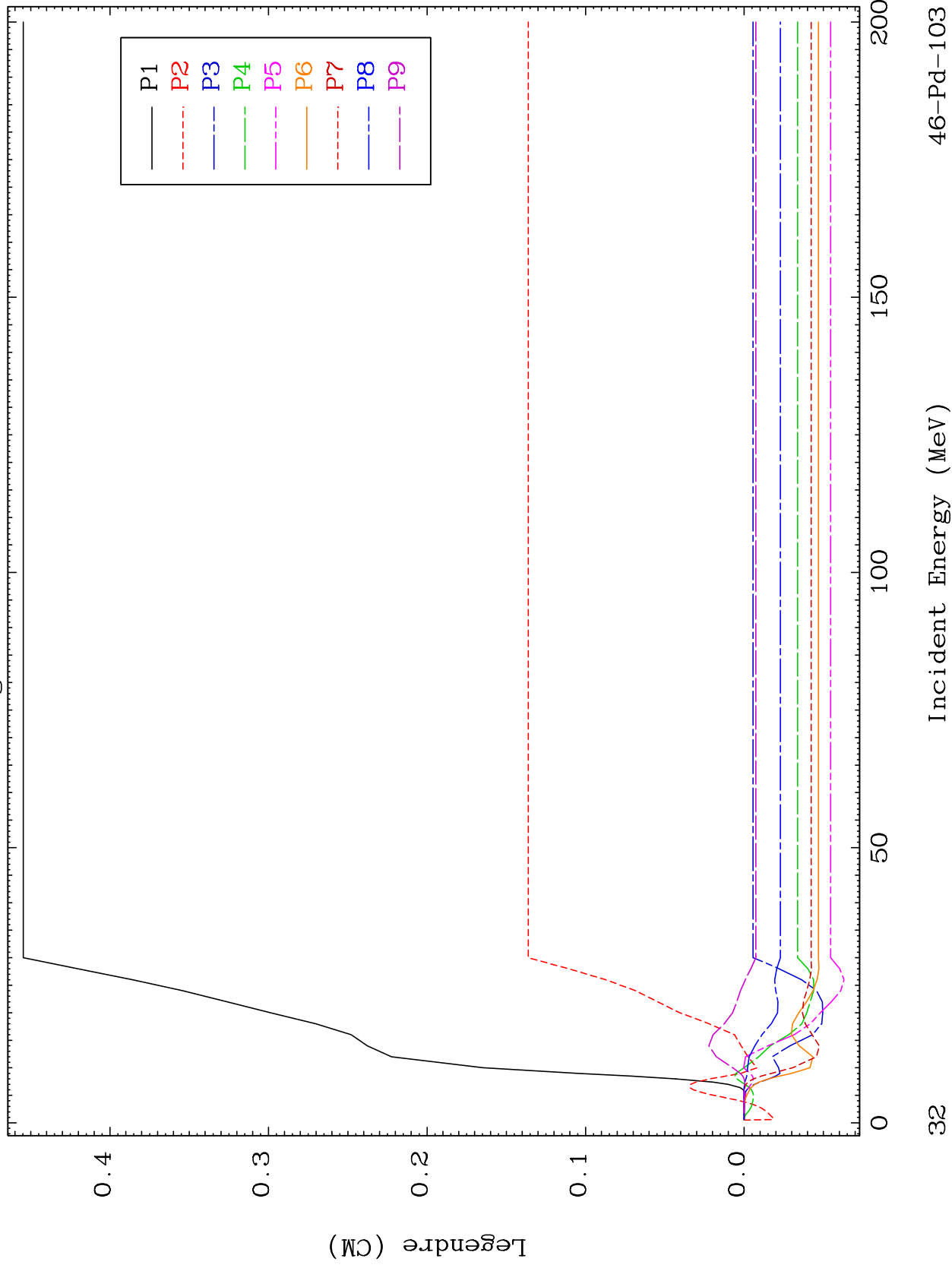
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



32

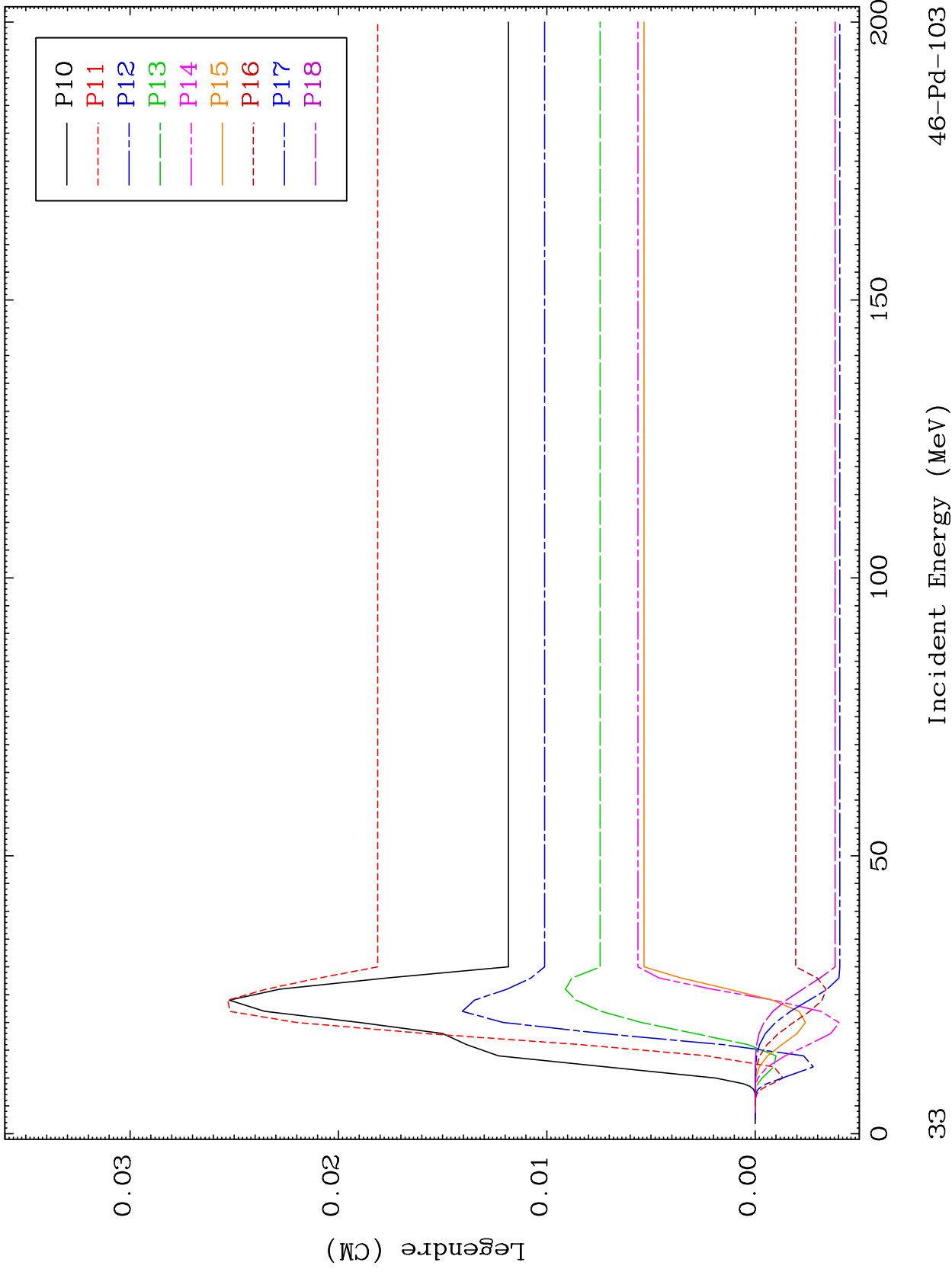
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



33

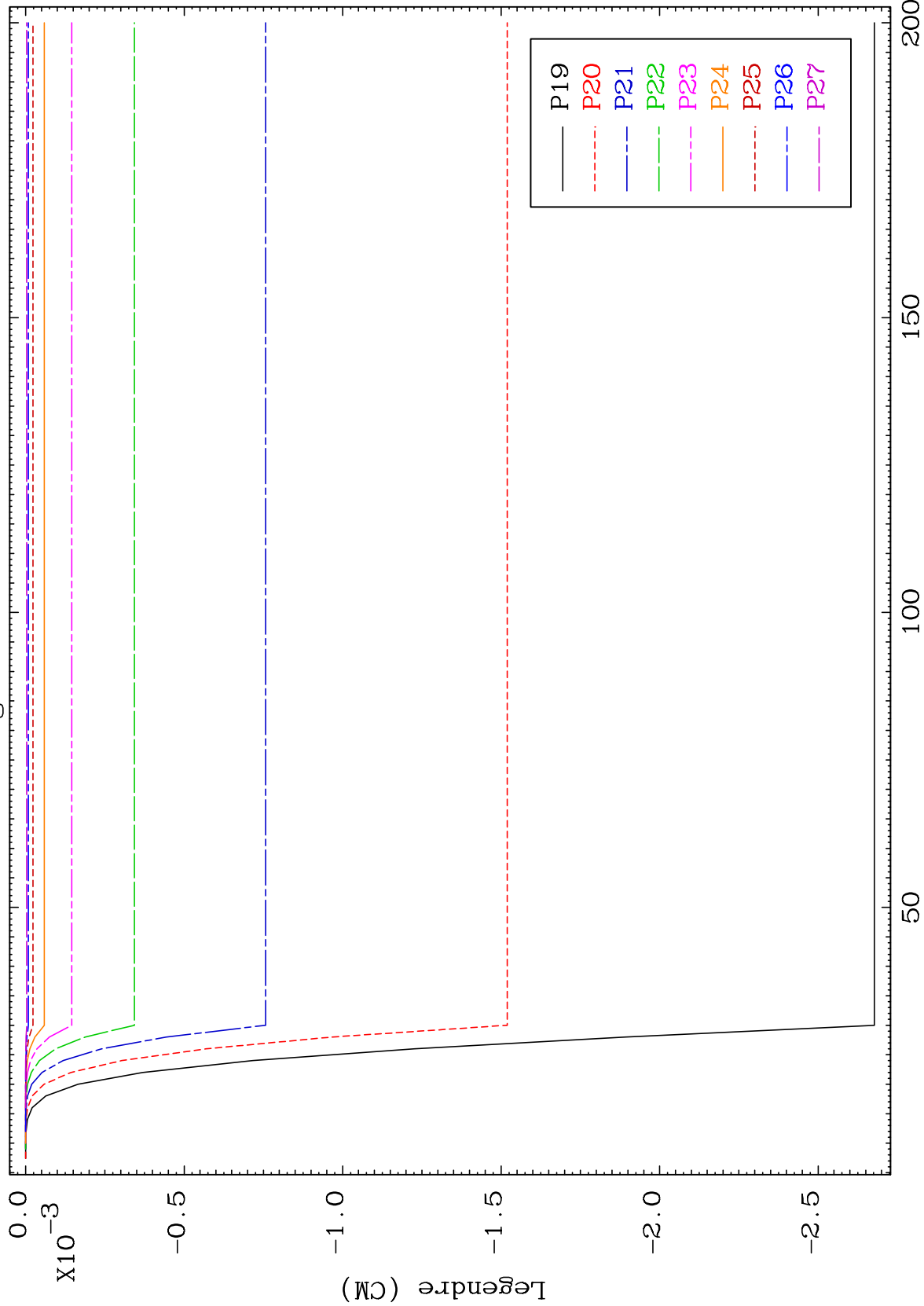
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

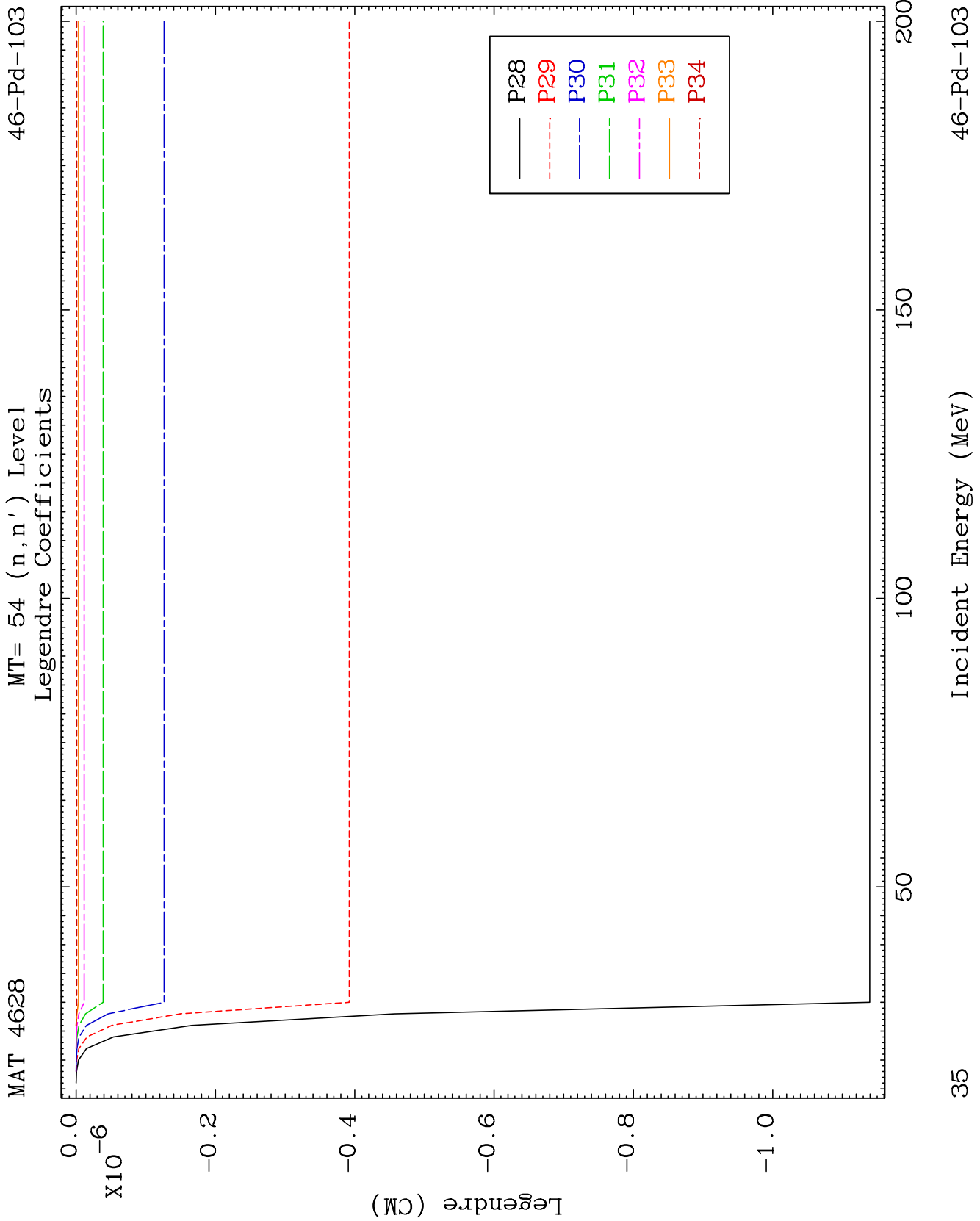
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34

Incident Energy (MeV)

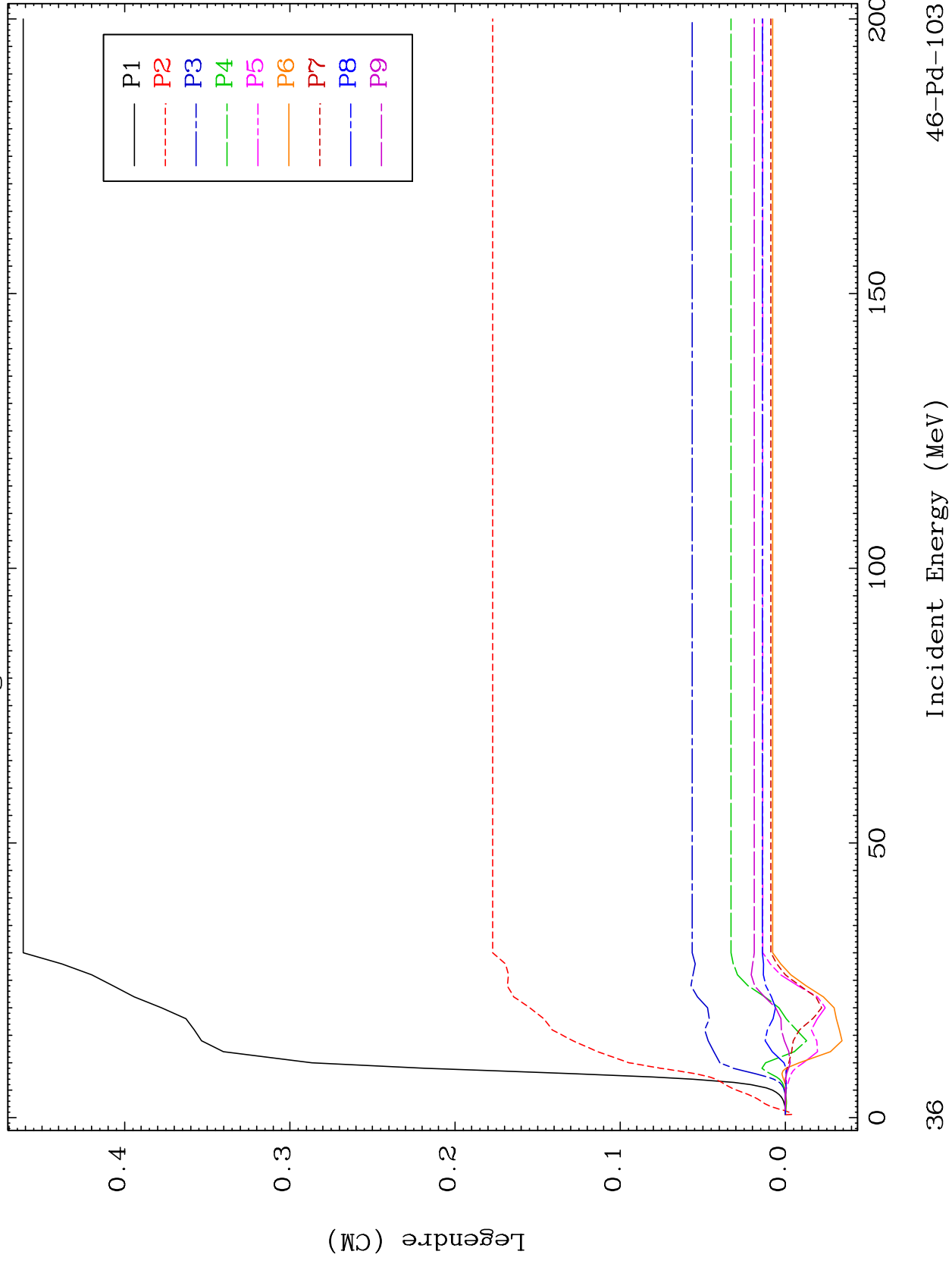
46-Pd-103



MAT 4628

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

46-Pd-103



46-Pd-103

Incident Energy (MeV)

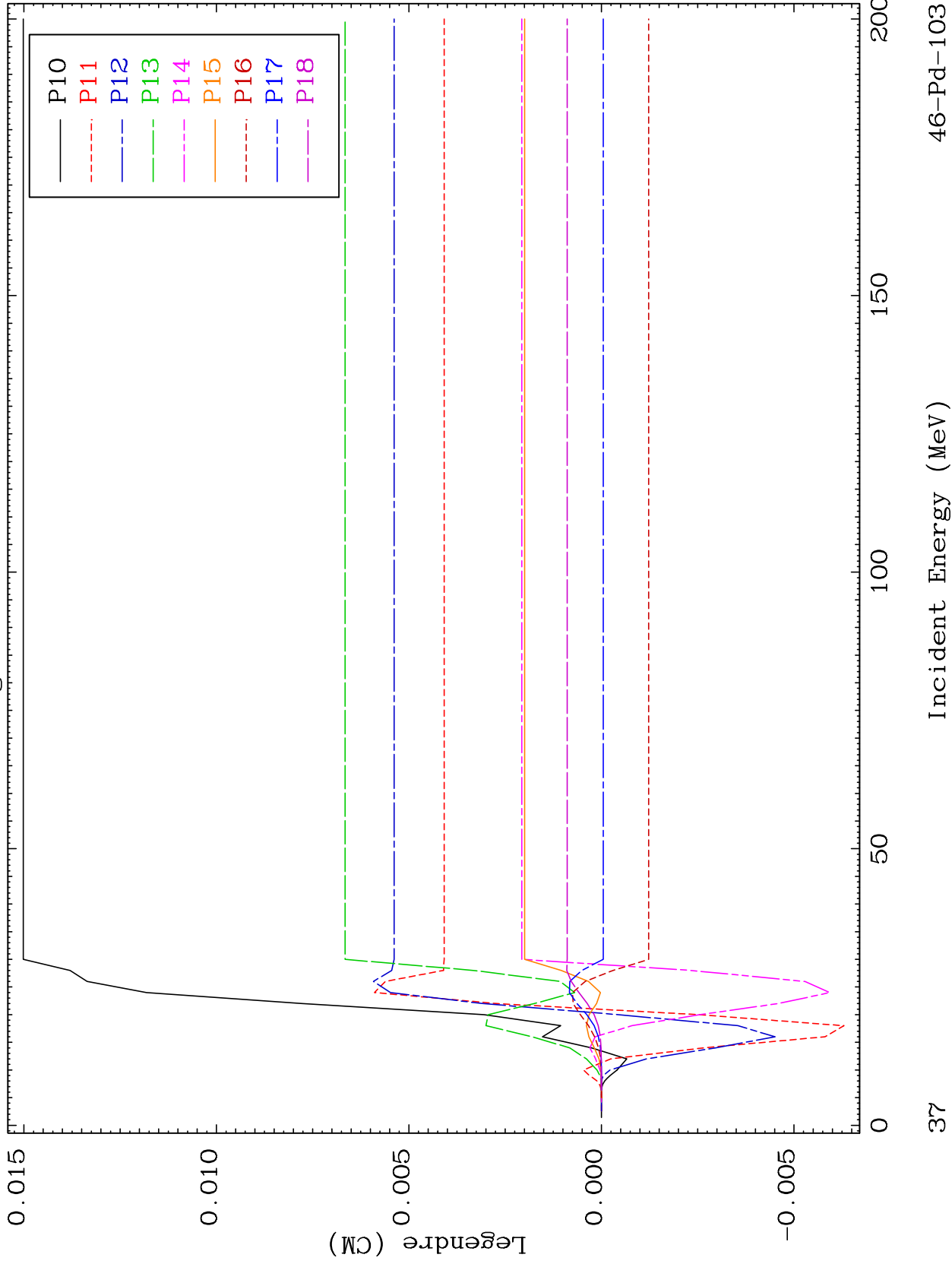
36

MAT 4628

MT= 55 (n,n') Level

46-Pd-103

Legendre Coefficients



46-Pd-103

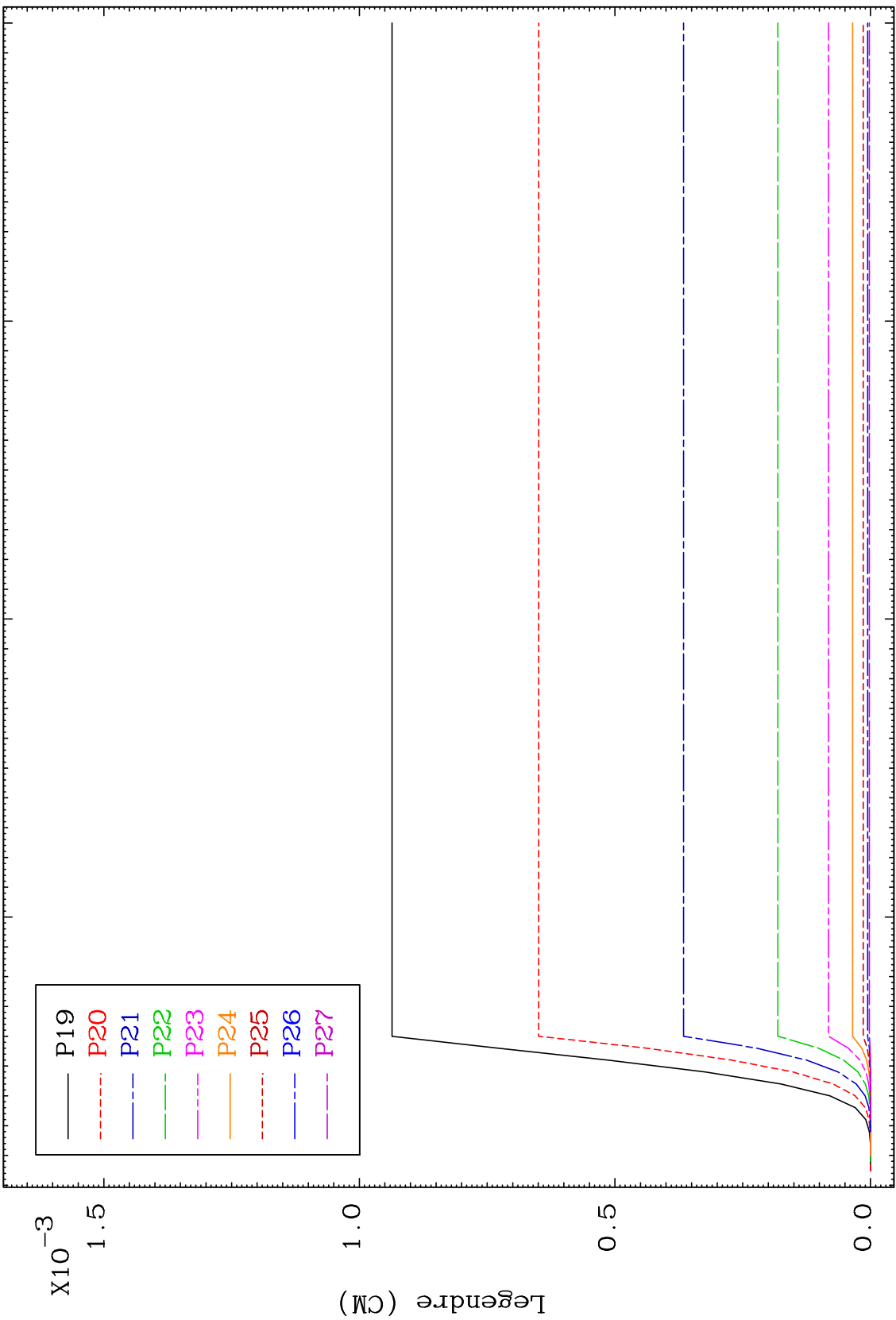
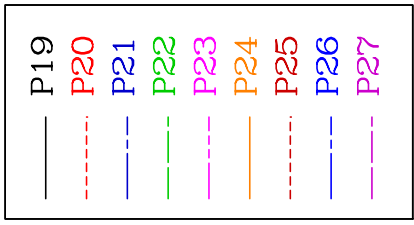
Incident Energy (MeV)

37

MAT 4628

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

46-Pd-103



38

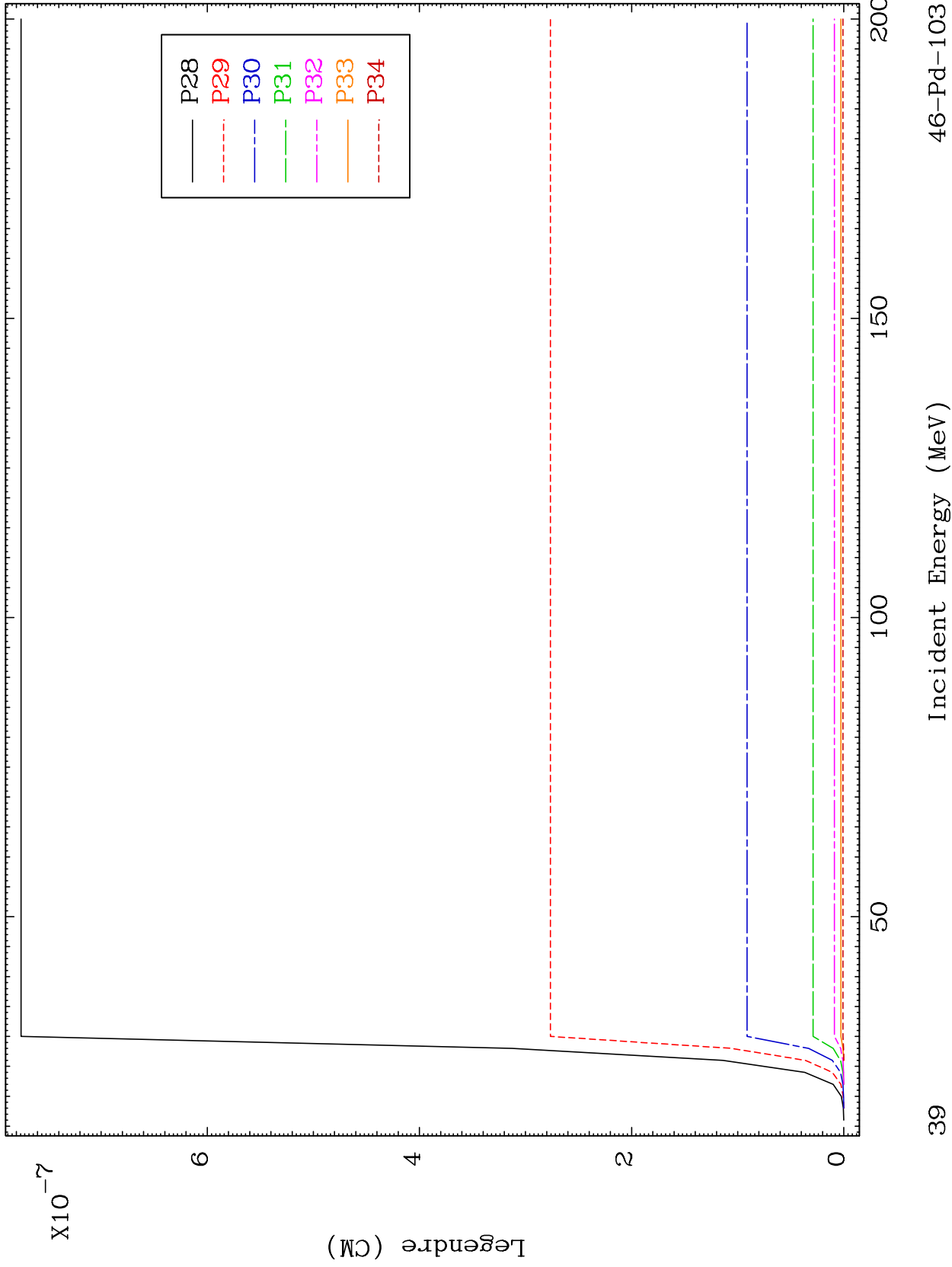
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



39

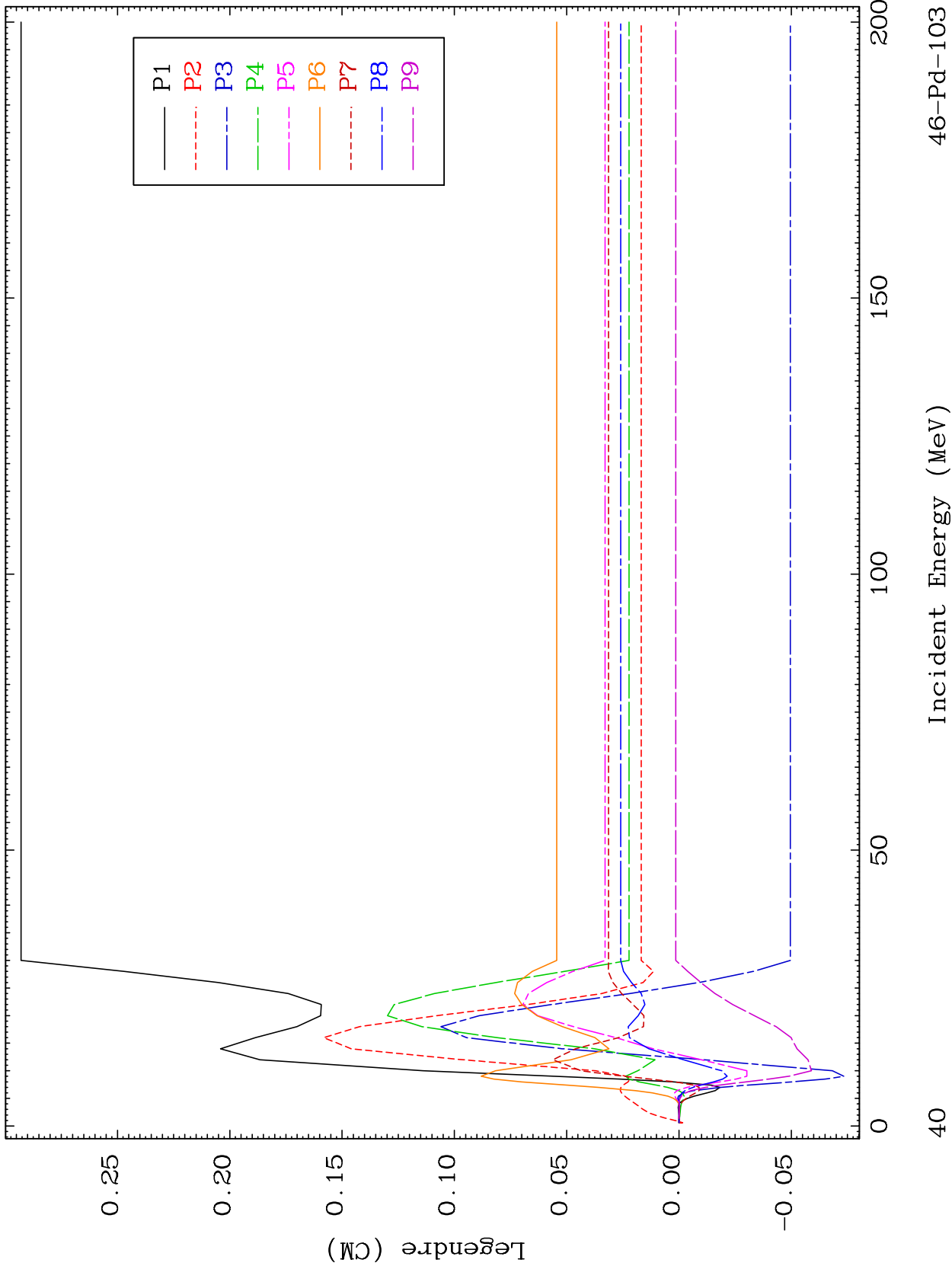
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



46-Pd-103

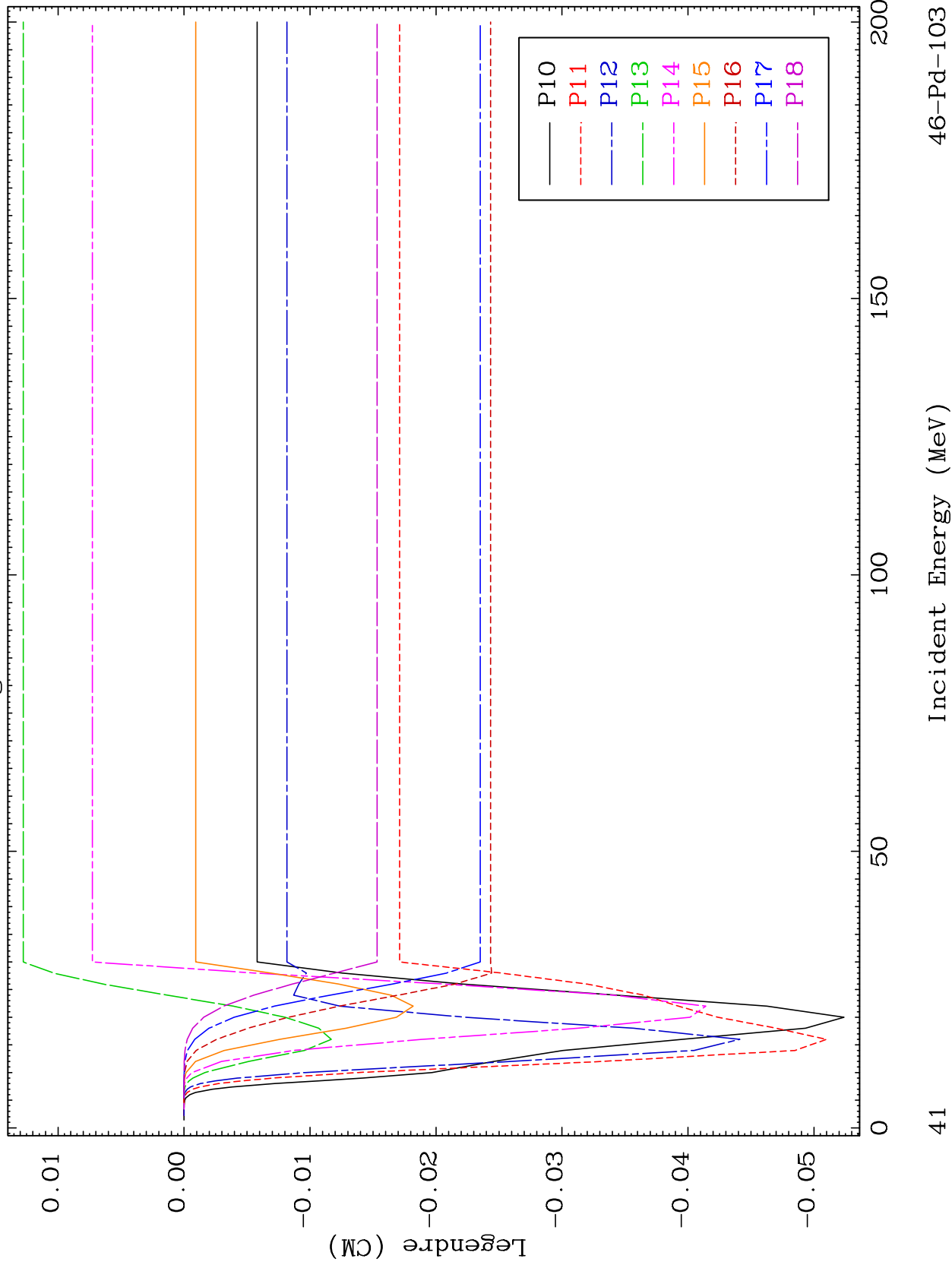
Incident Energy (MeV)

40

MAT 4628

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

46-Pd-103



41

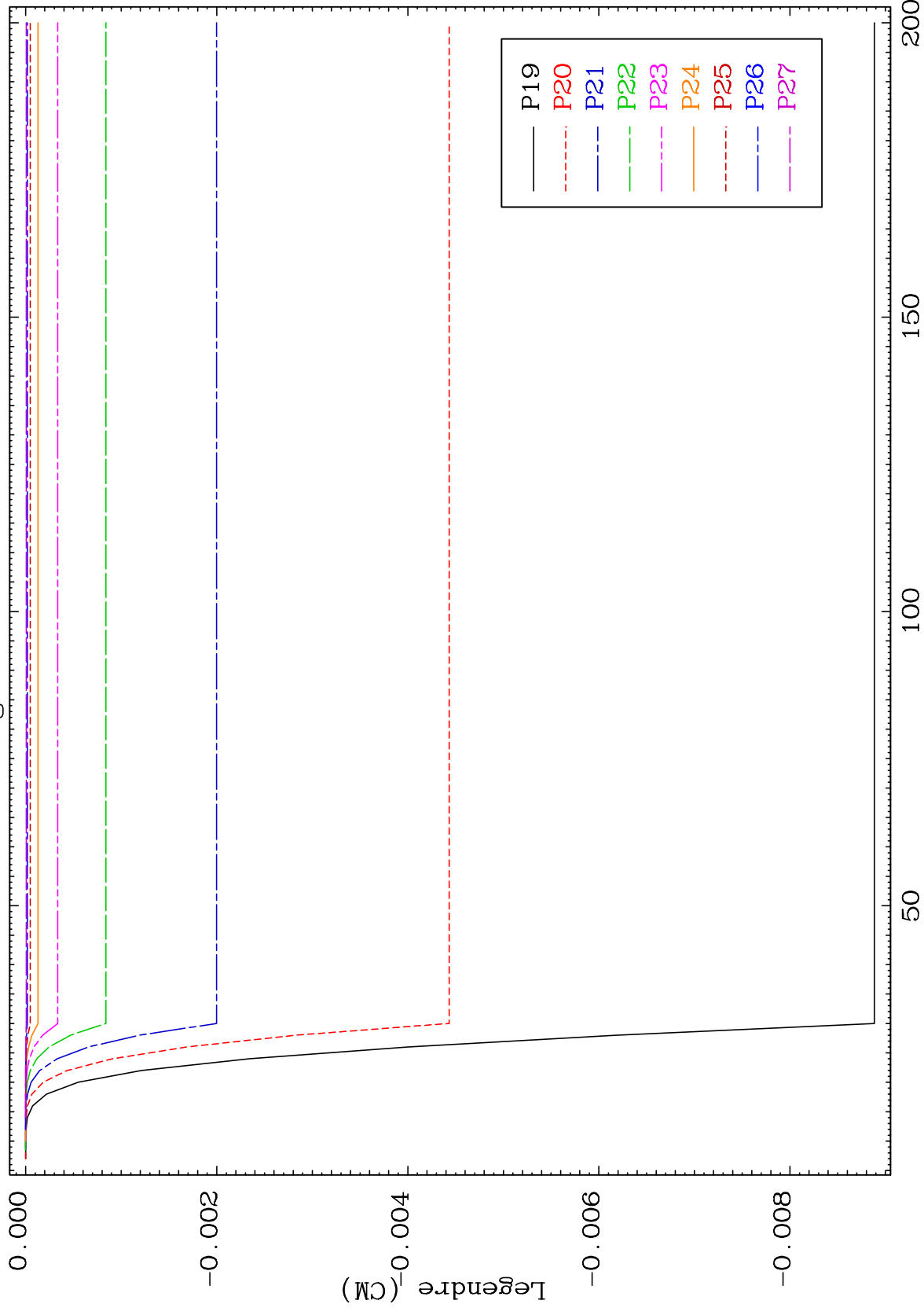
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

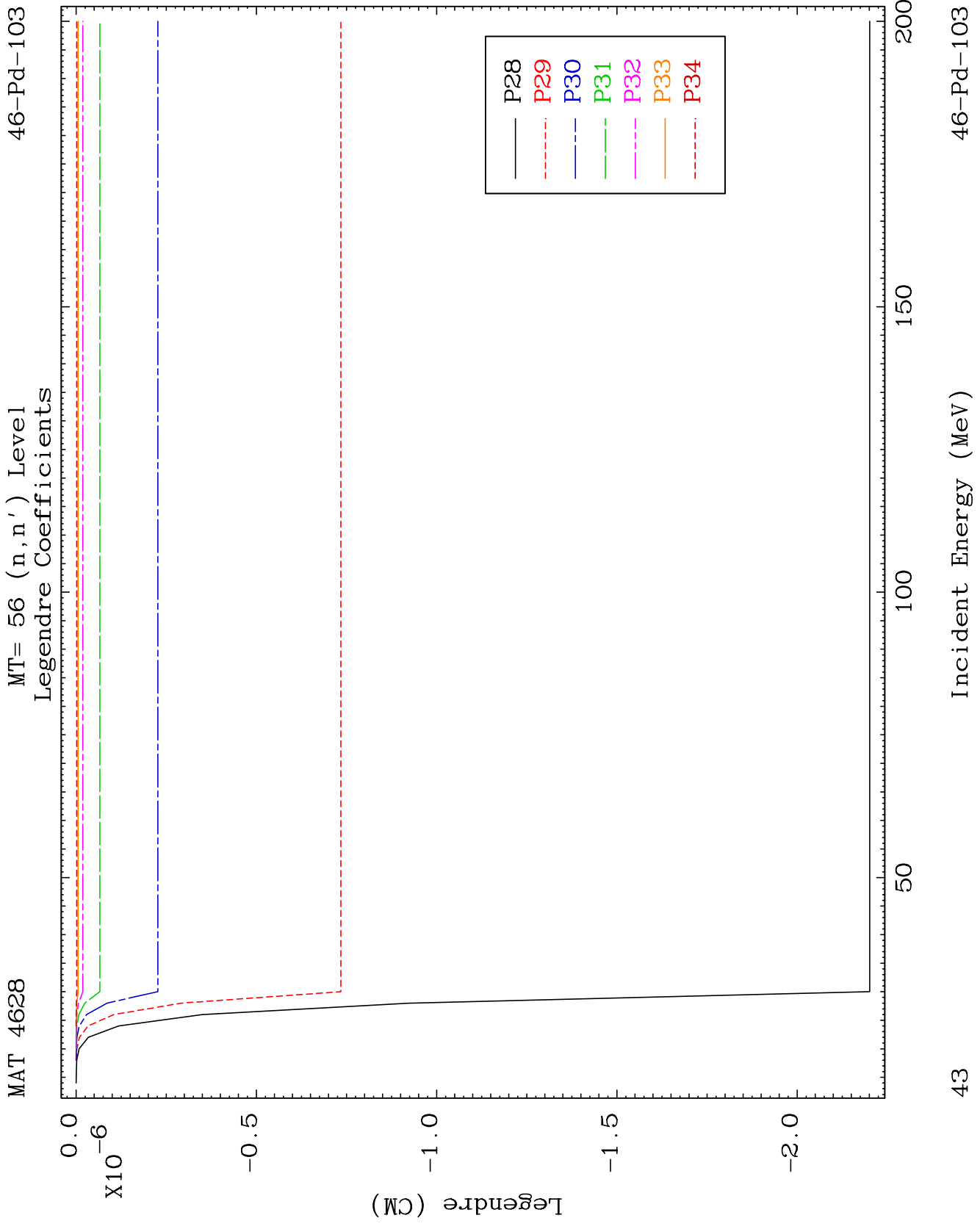
46-Pd-103



42

Incident Energy (MeV)

46-Pd-103

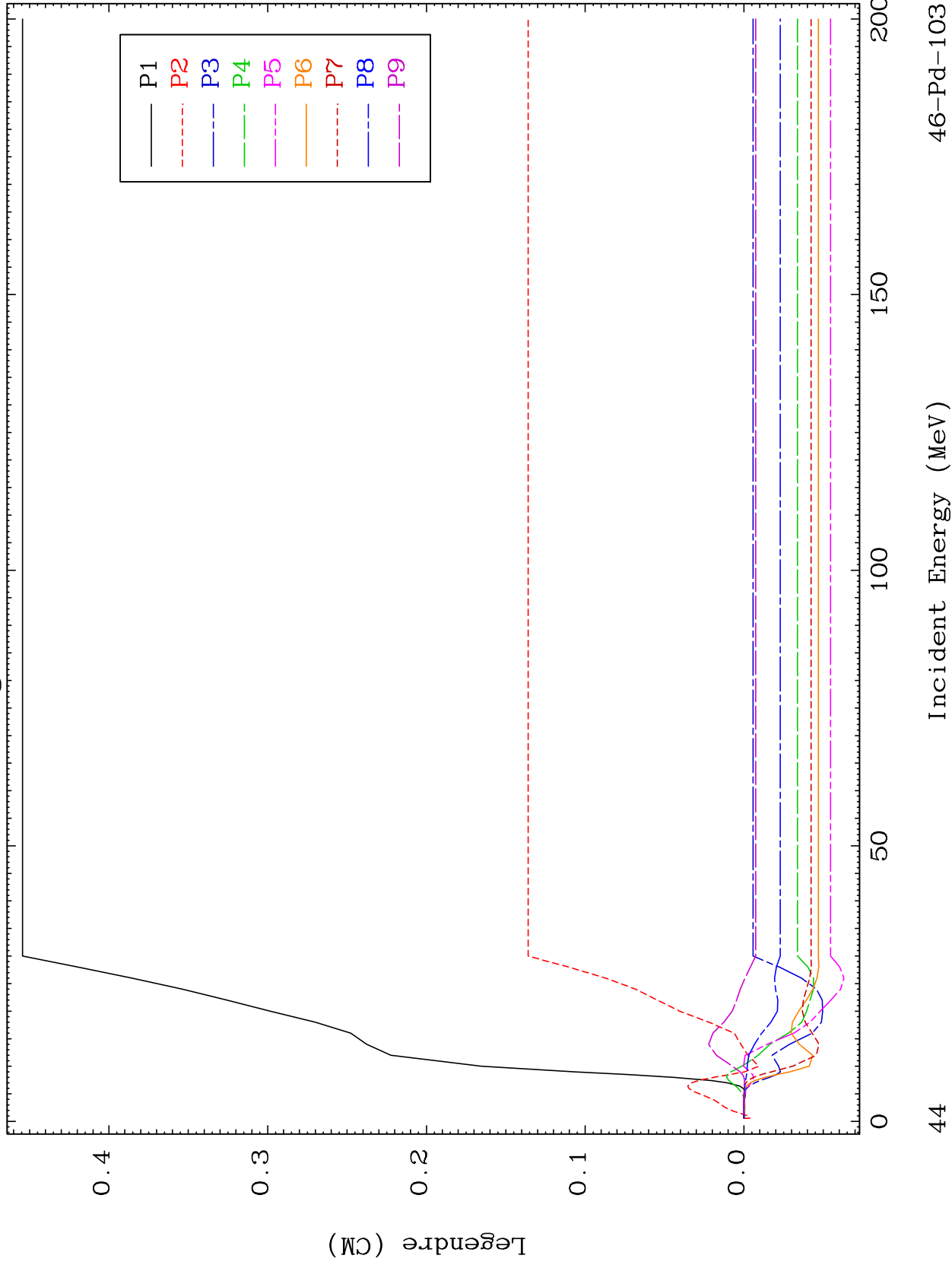


MAT 4628

MT= 57 (n,n') Level

46-Pd-103

Legendre Coefficients



44

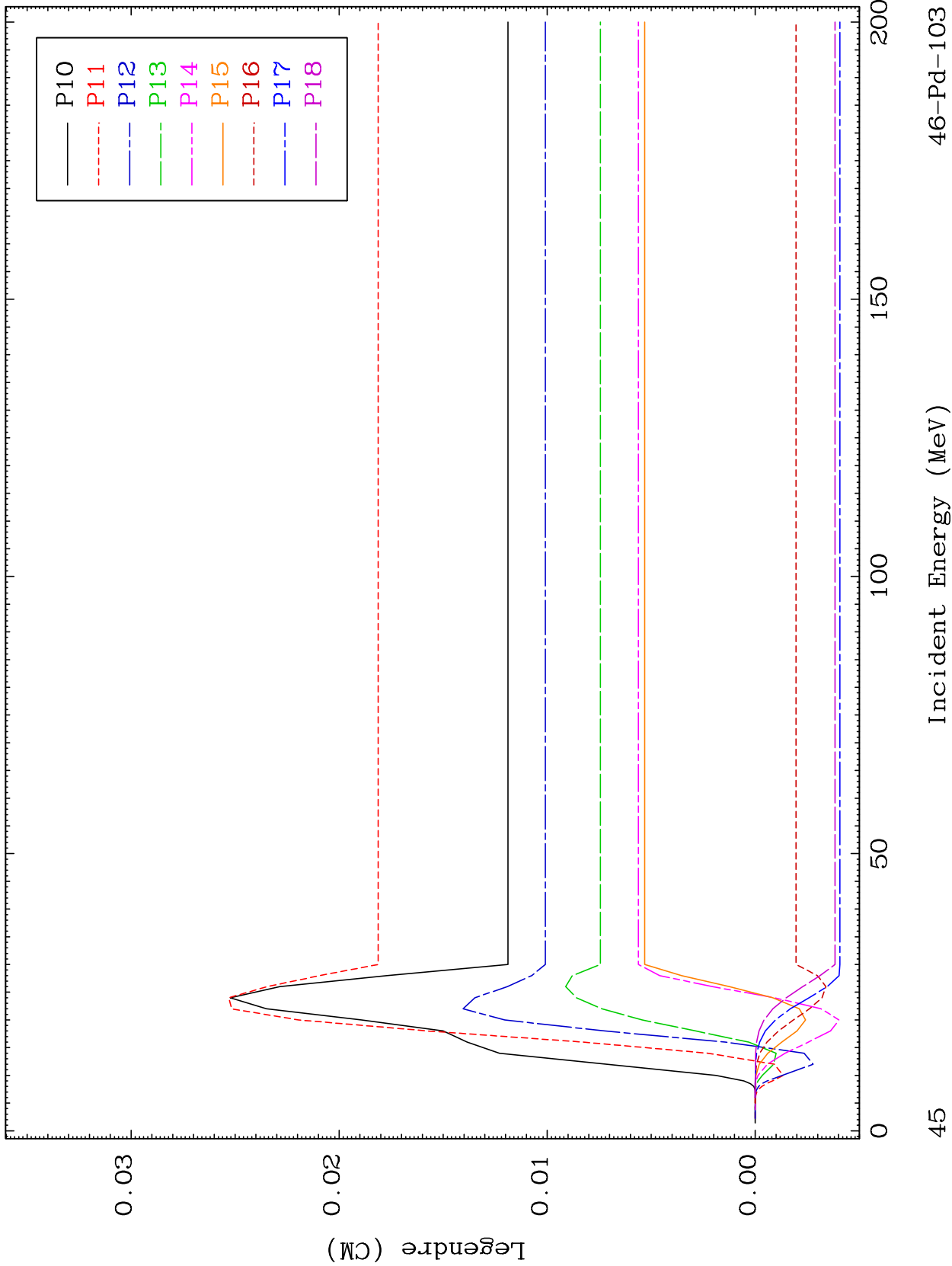
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103

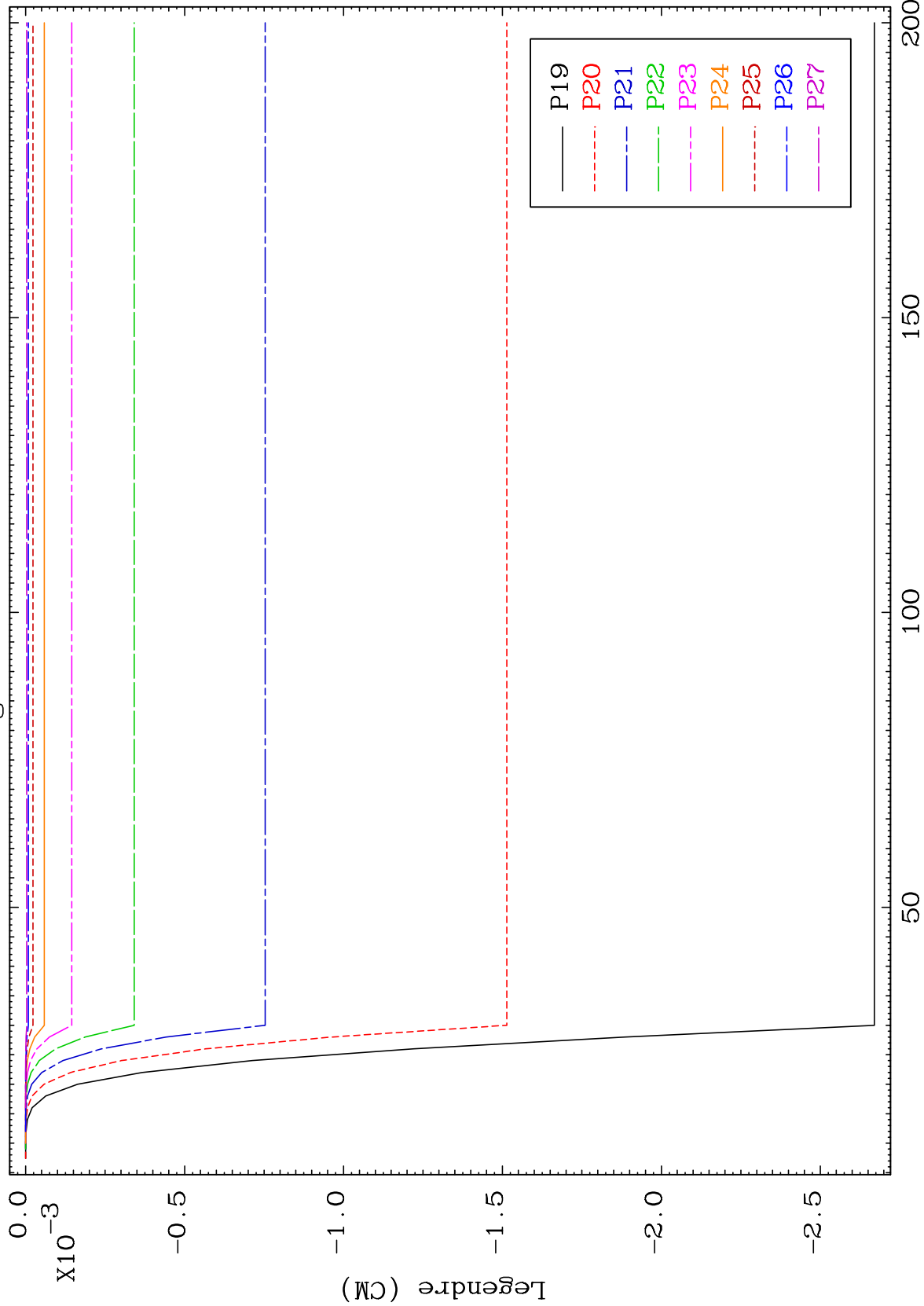


MAT 4628

MT= 57 (n,n') Level

46-Pd-103

Legendre Coefficients



46

Incident Energy (MeV)

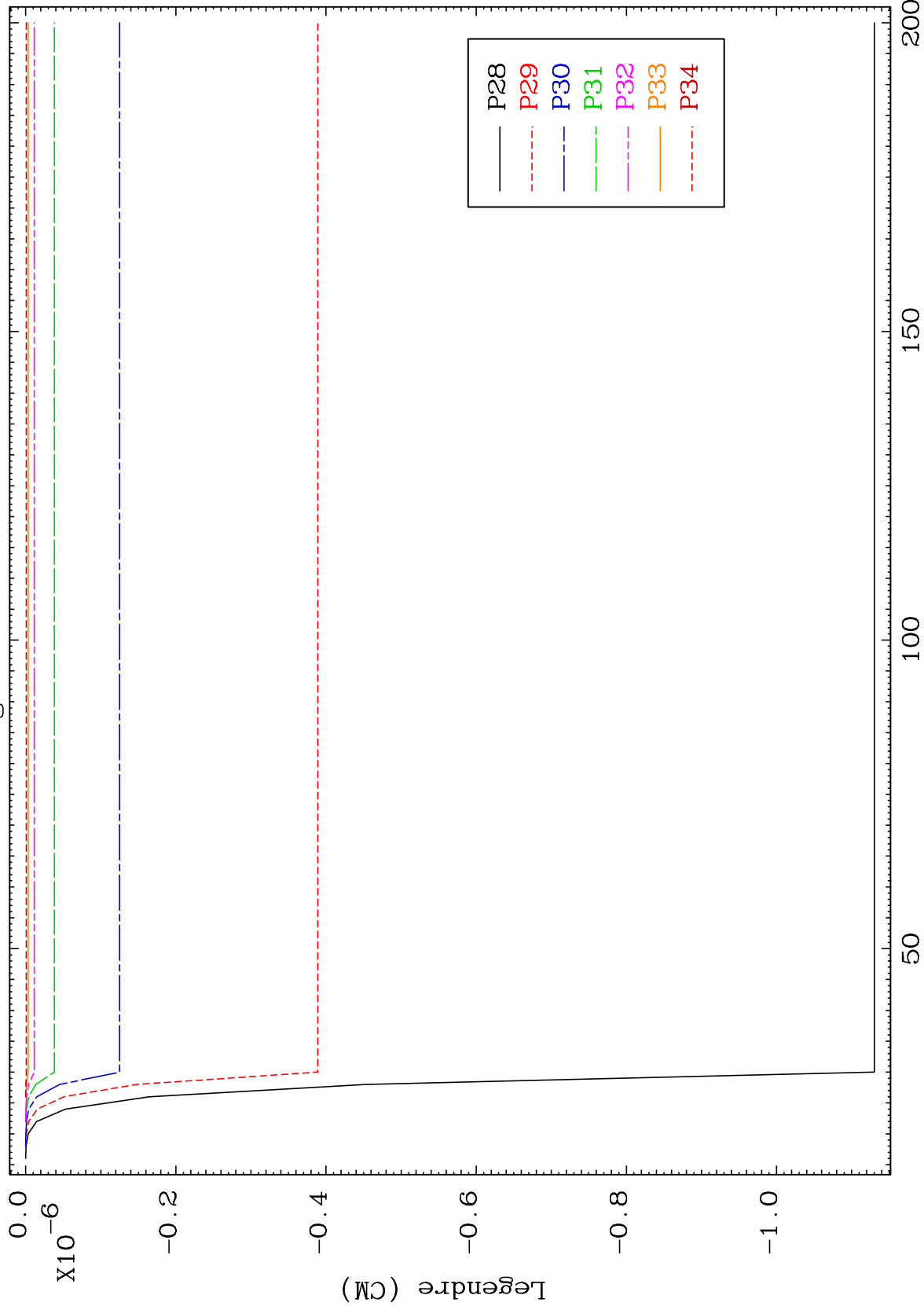
46-Pd-103

MAT 4628

MT= 57 (n,n') Level

46-Pd-103

Legendre Coefficients



47

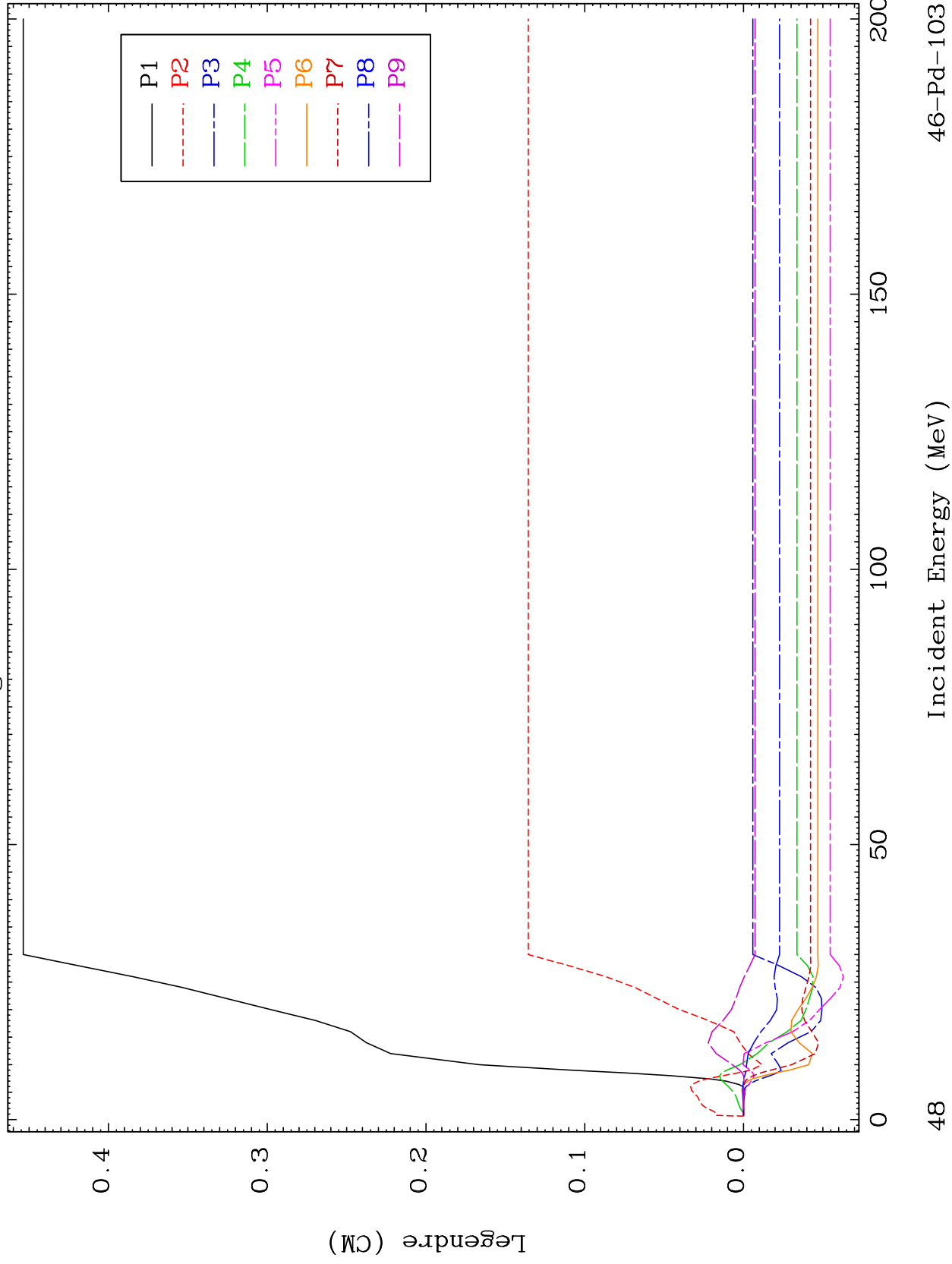
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



46-Pd-103

Incident Energy (MeV)

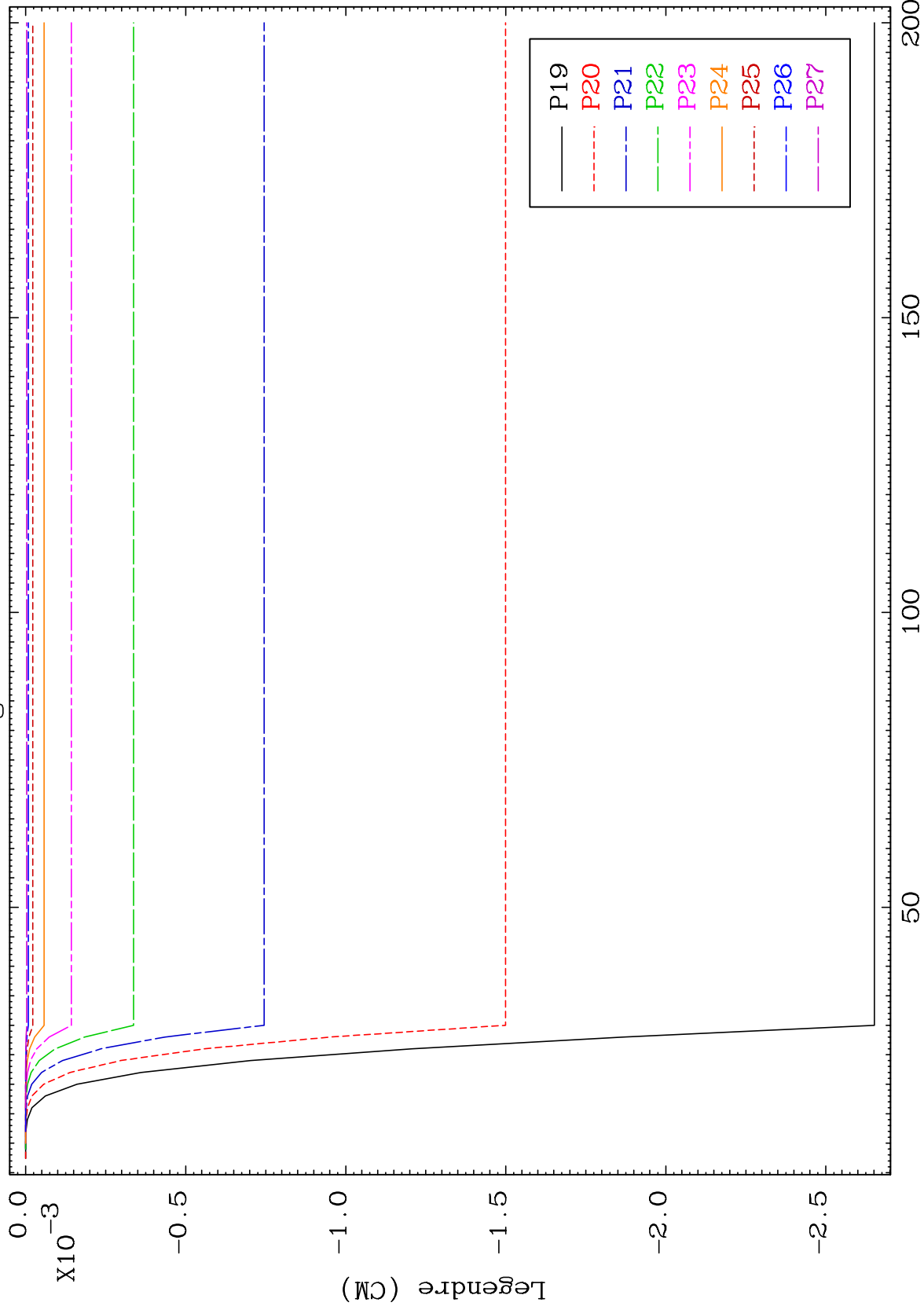
48

MAT 4628

MT= 58 (n,n') Level

46-Pd-103

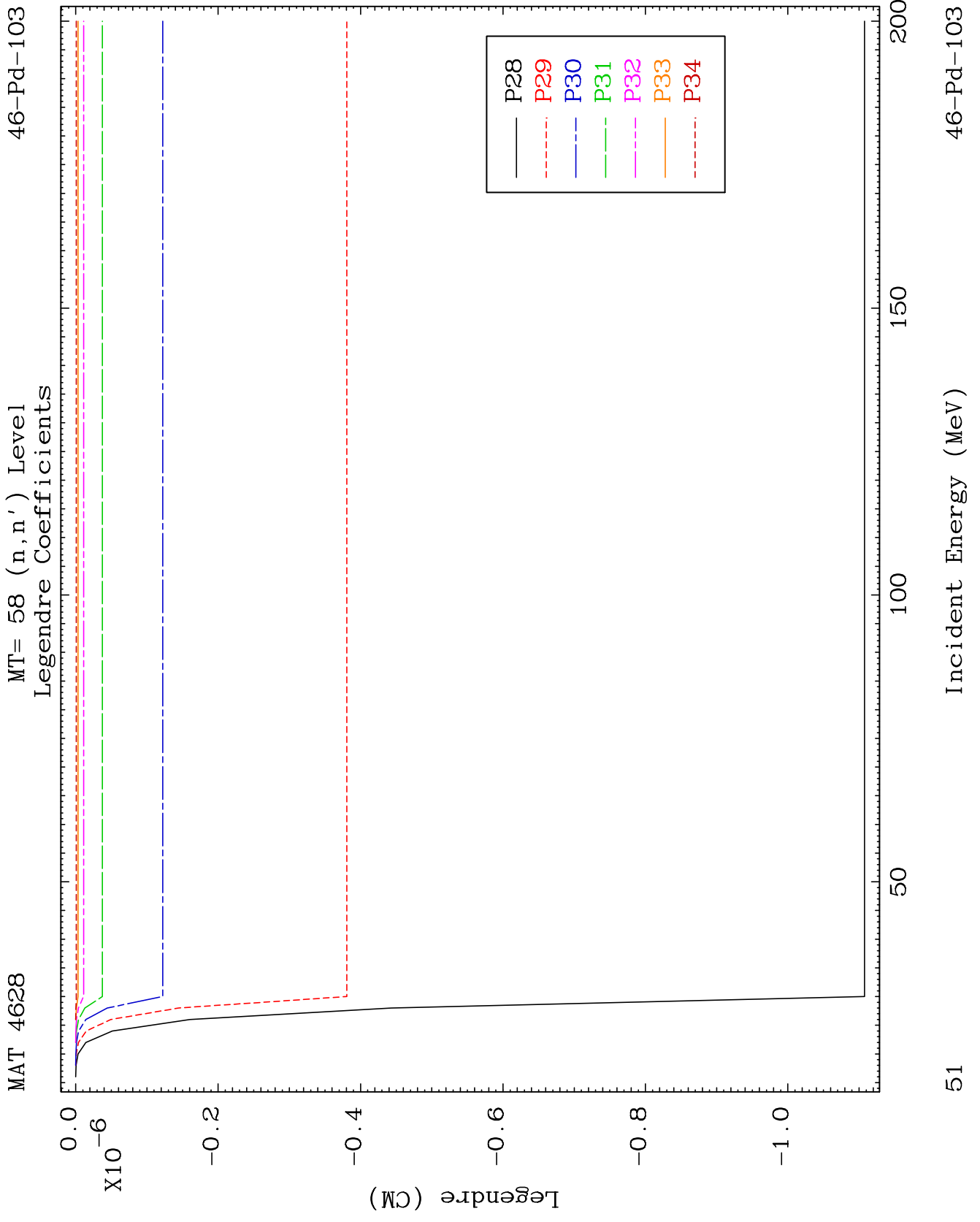
Legendre Coefficients



46-Pd-103

Incident Energy (MeV)

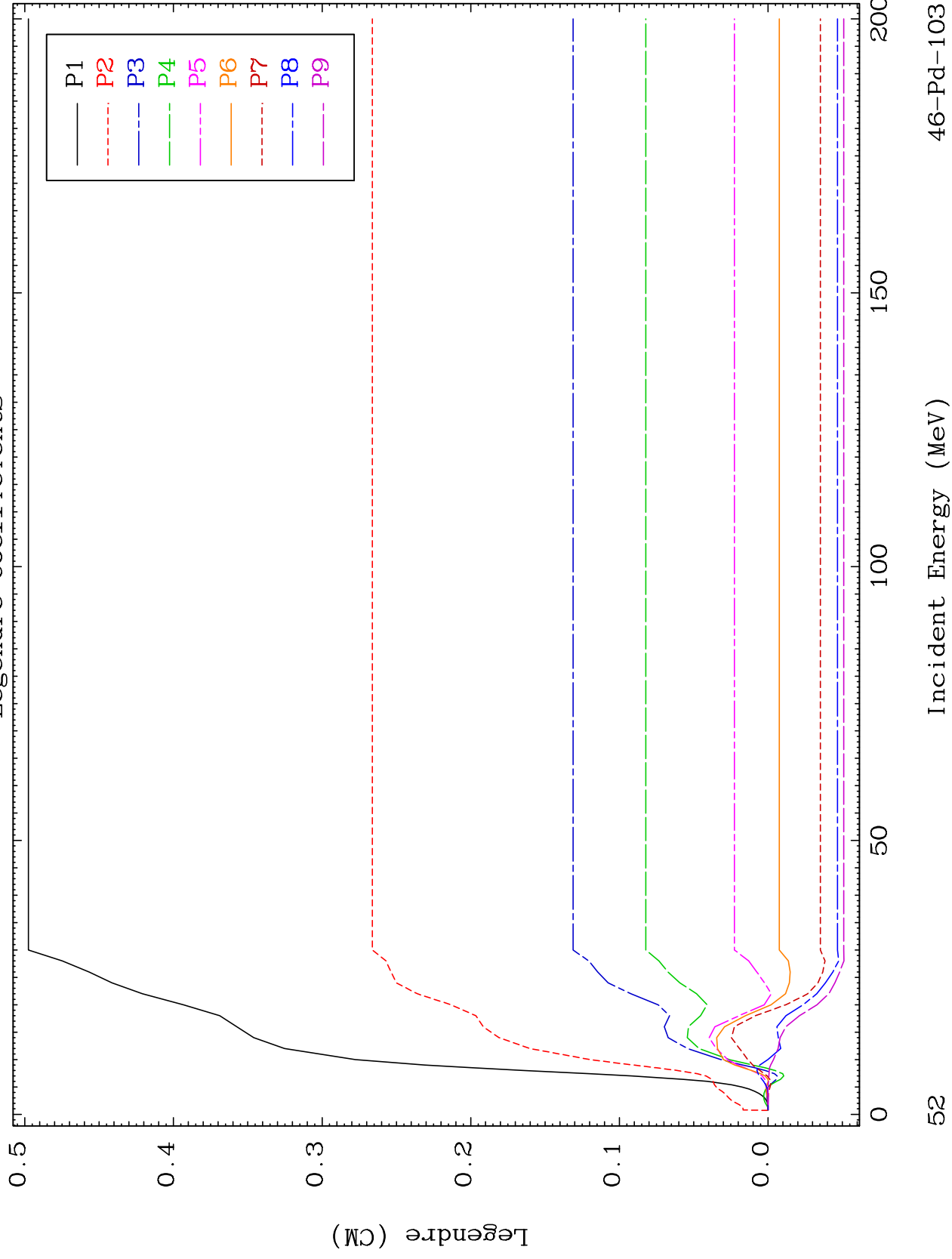
50



MAT 4628

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

46-Pd-103



46-Pd-103

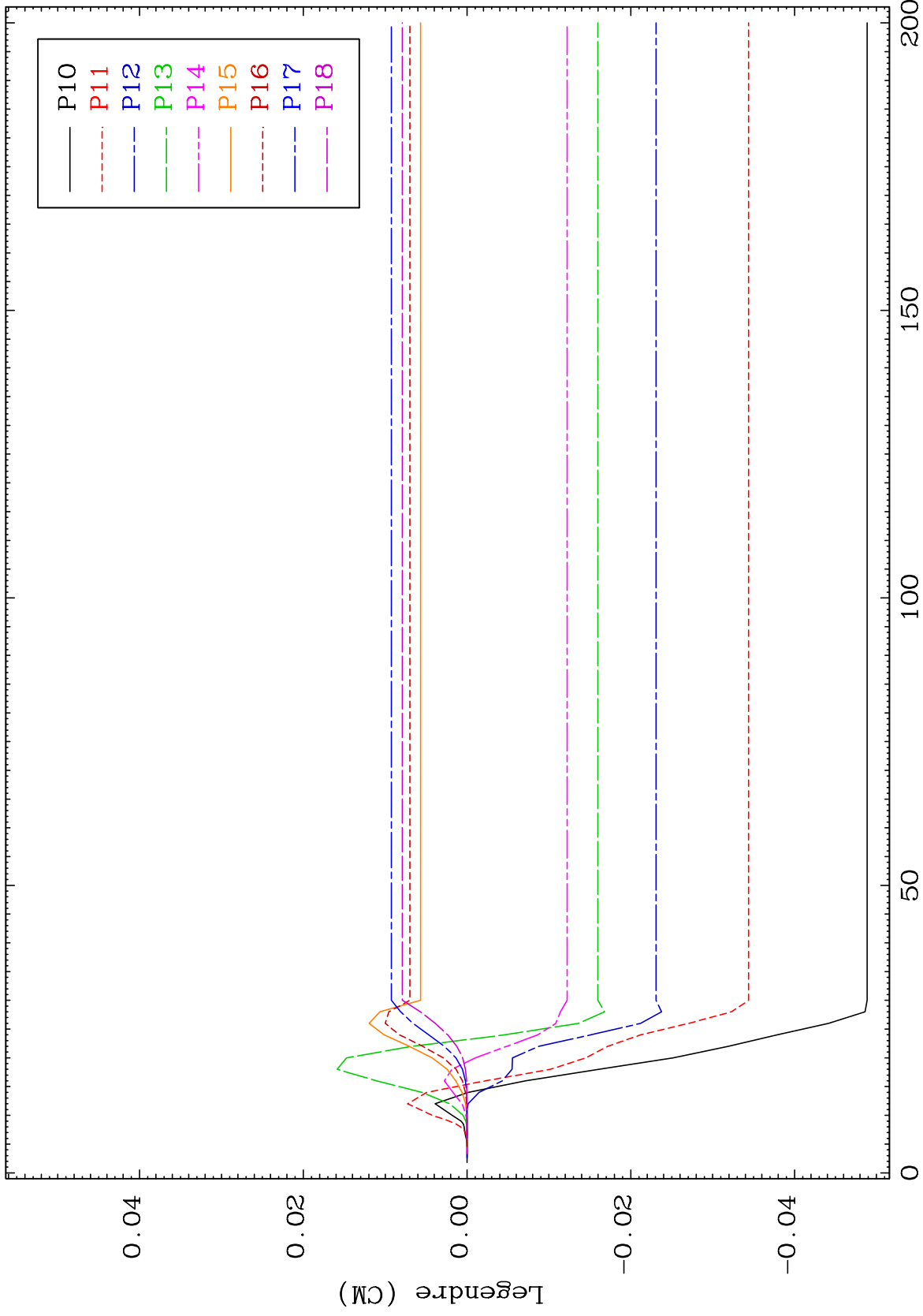
Incident Energy (MeV)

52

MAT 4628

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

46-Pd-103



53

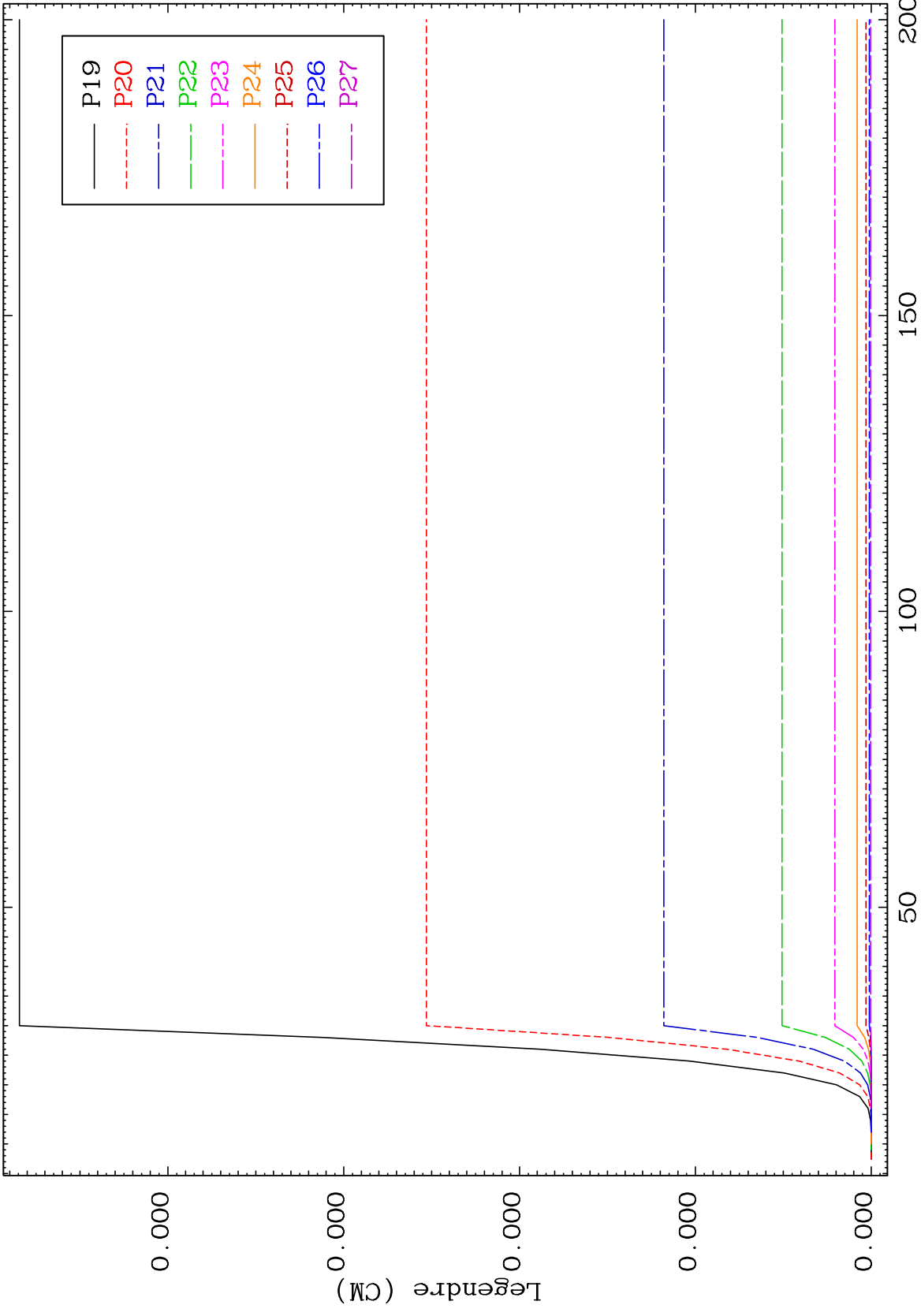
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



54

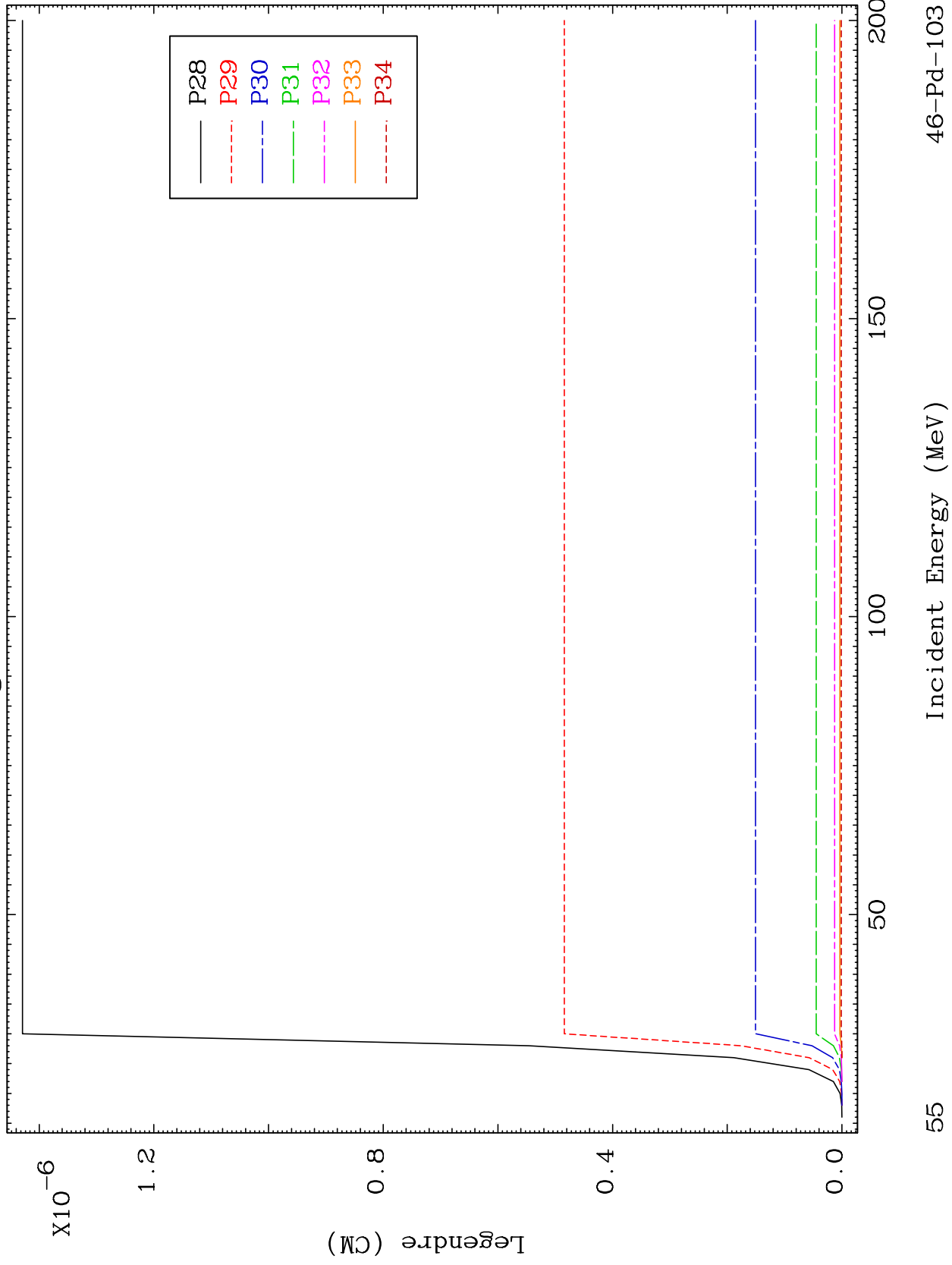
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



55

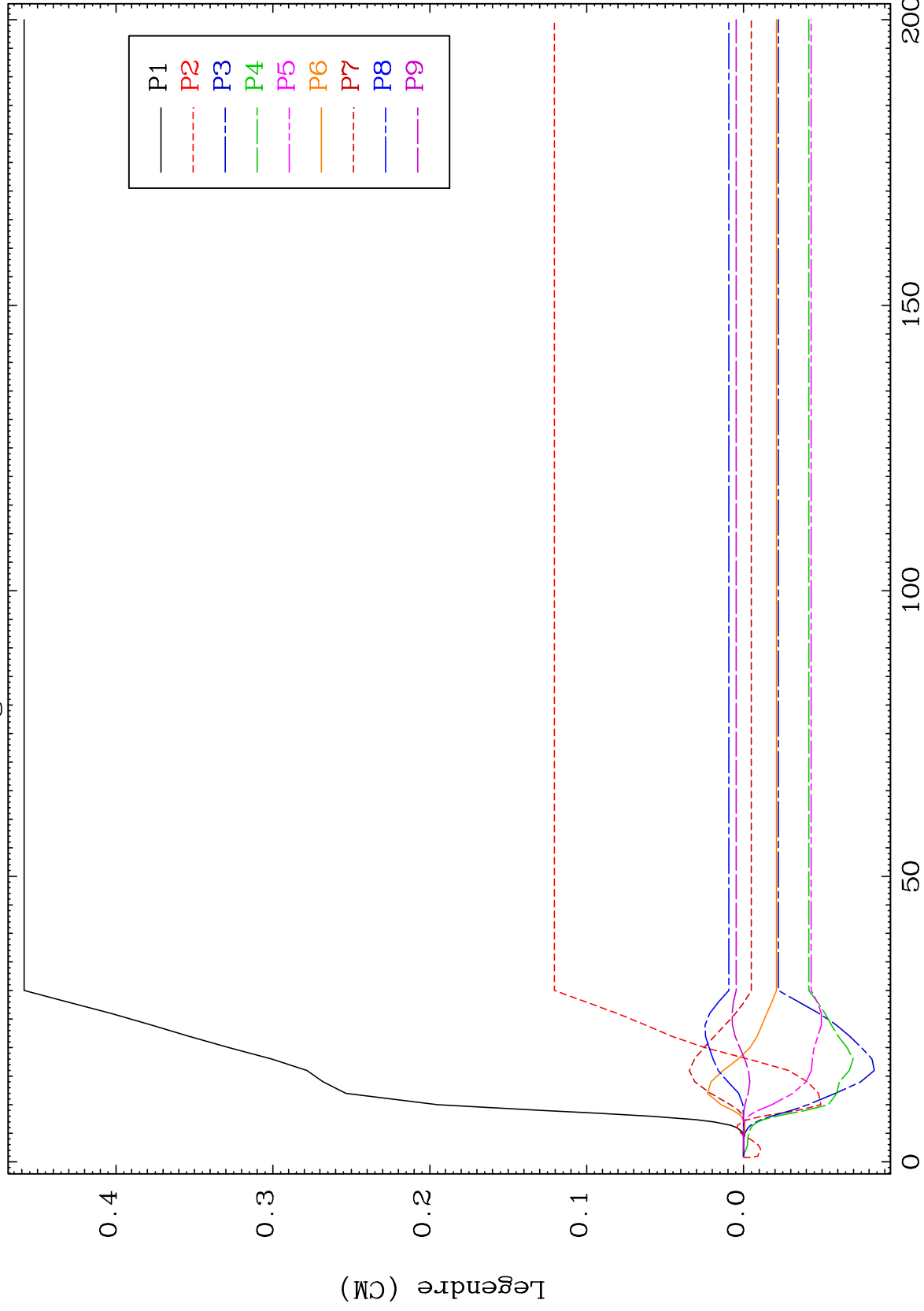
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

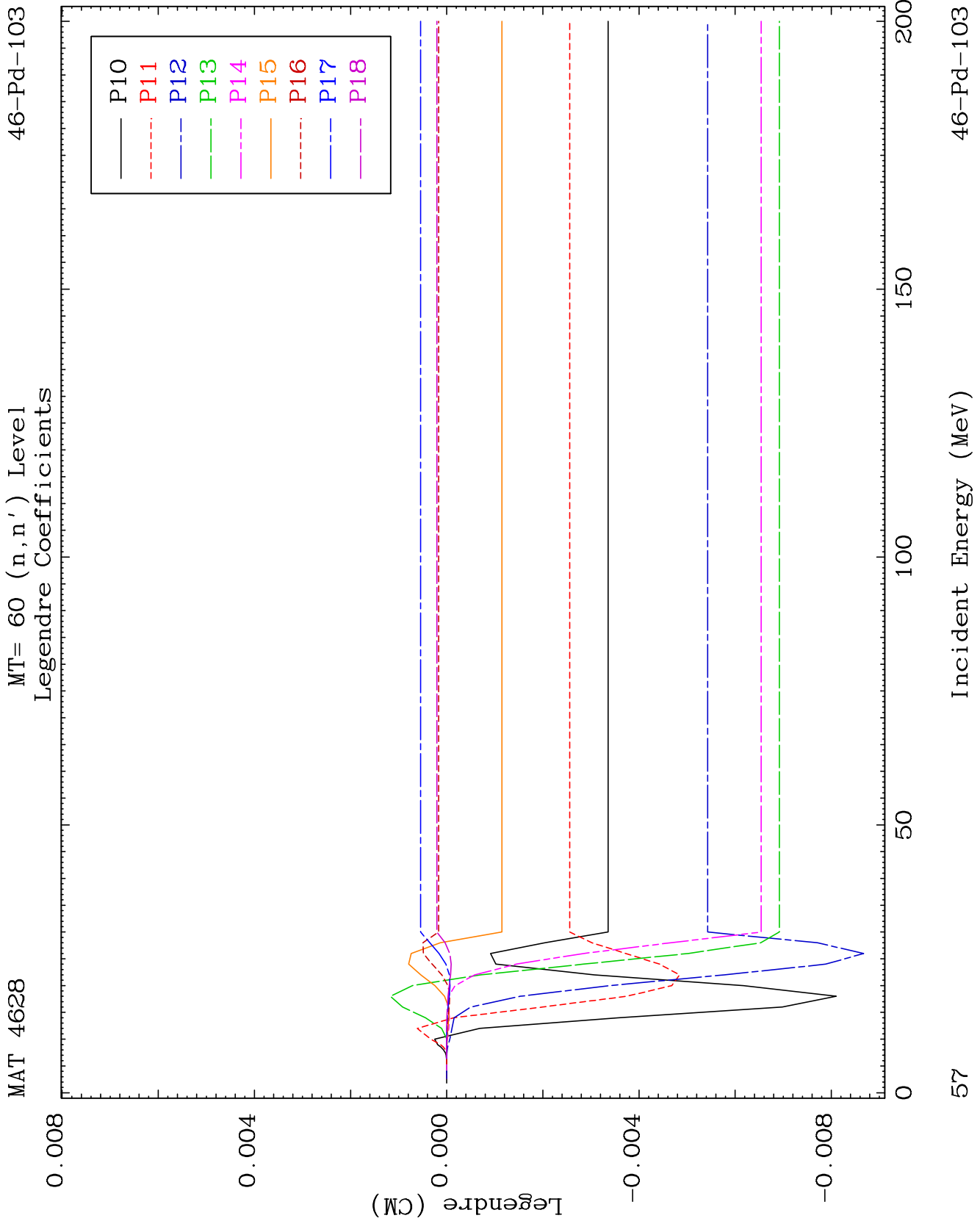
46-Pd-103



56

Incident Energy (MeV)

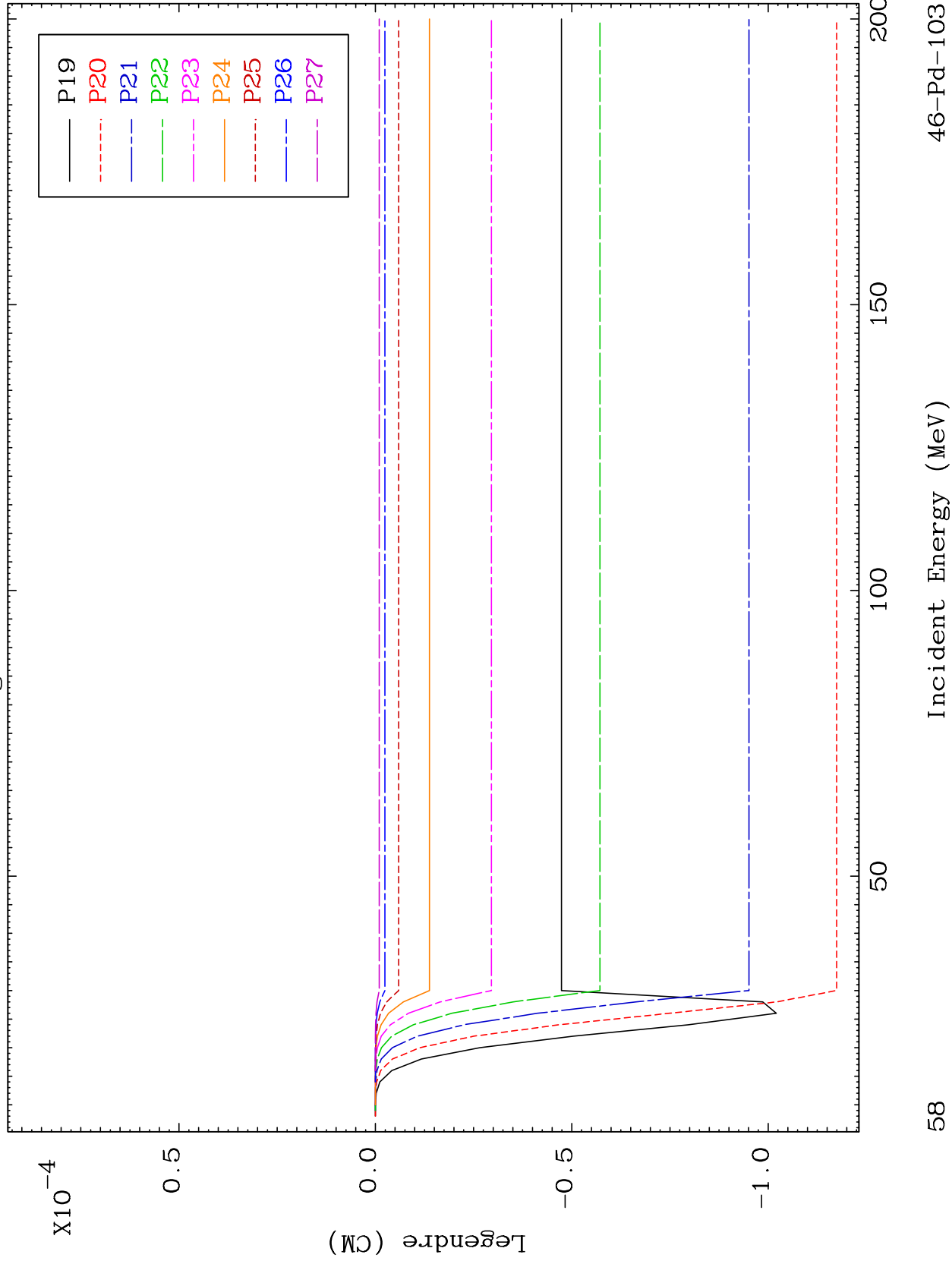
46-Pd-103



MAT 4628

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

46-Pd-103



58

Incident Energy (MeV)

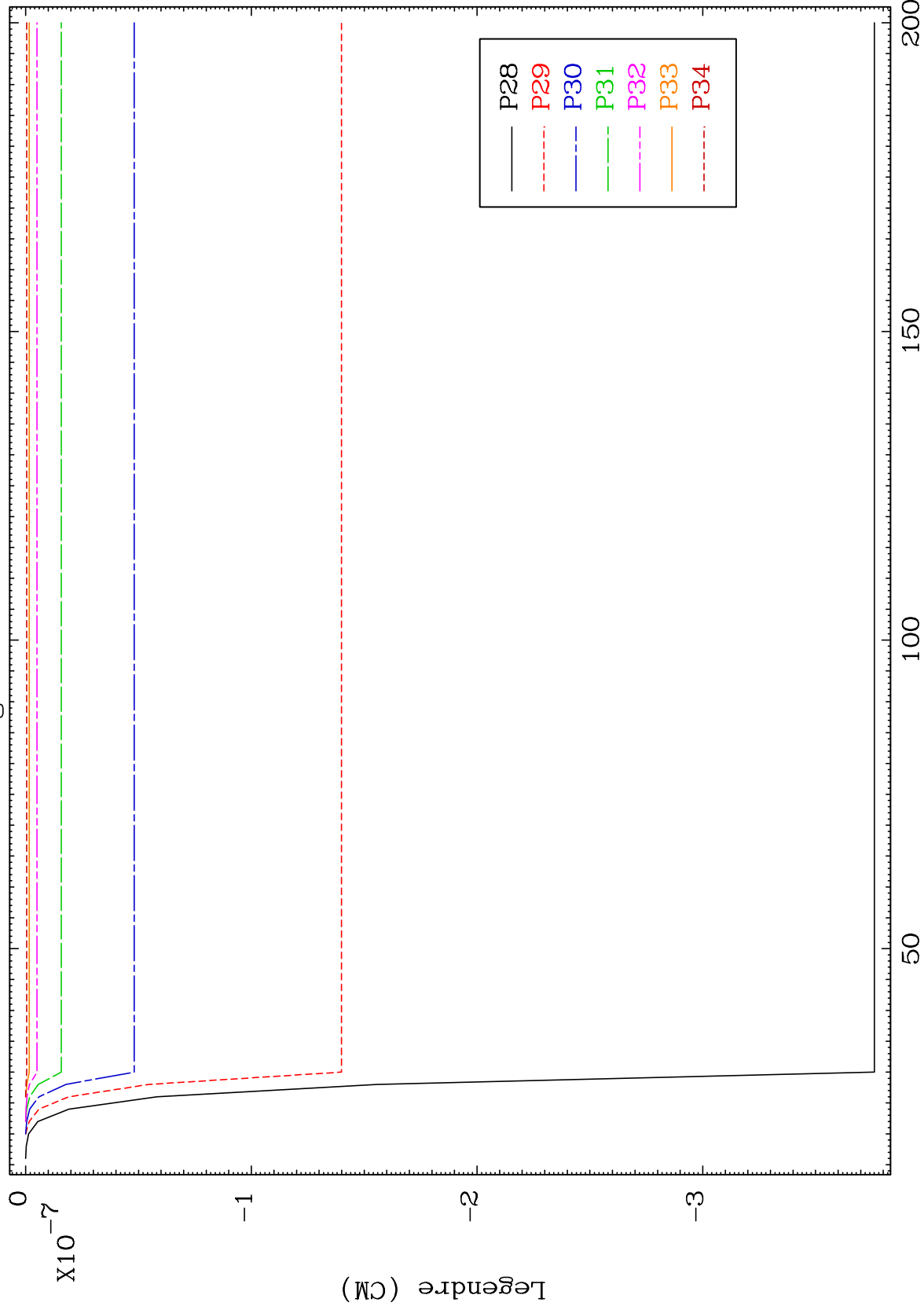
46-Pd-103

MAT 4628

MT= 60 (n,n') Level

46-Pd-103

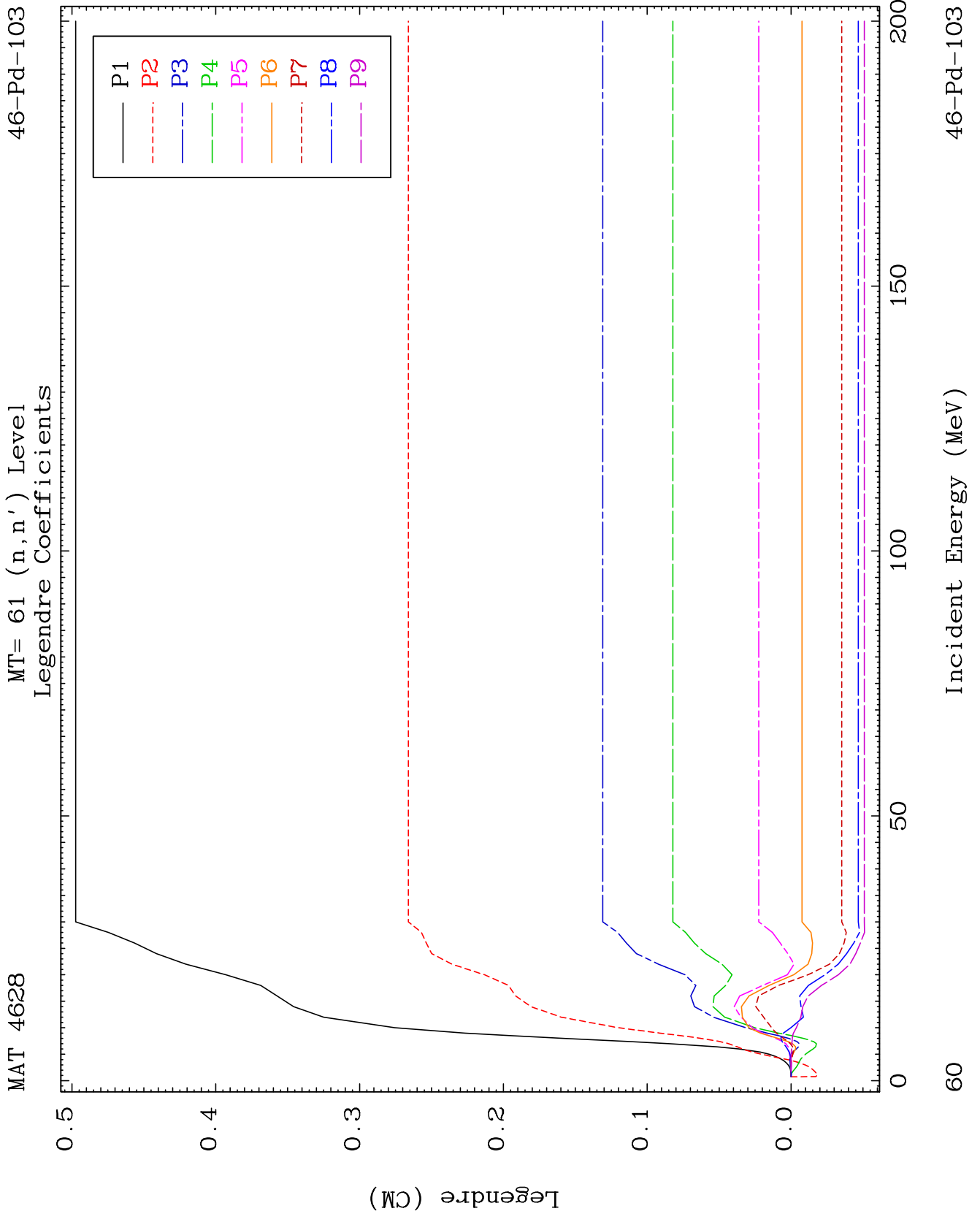
Legendre Coefficients



59

Incident Energy (MeV)

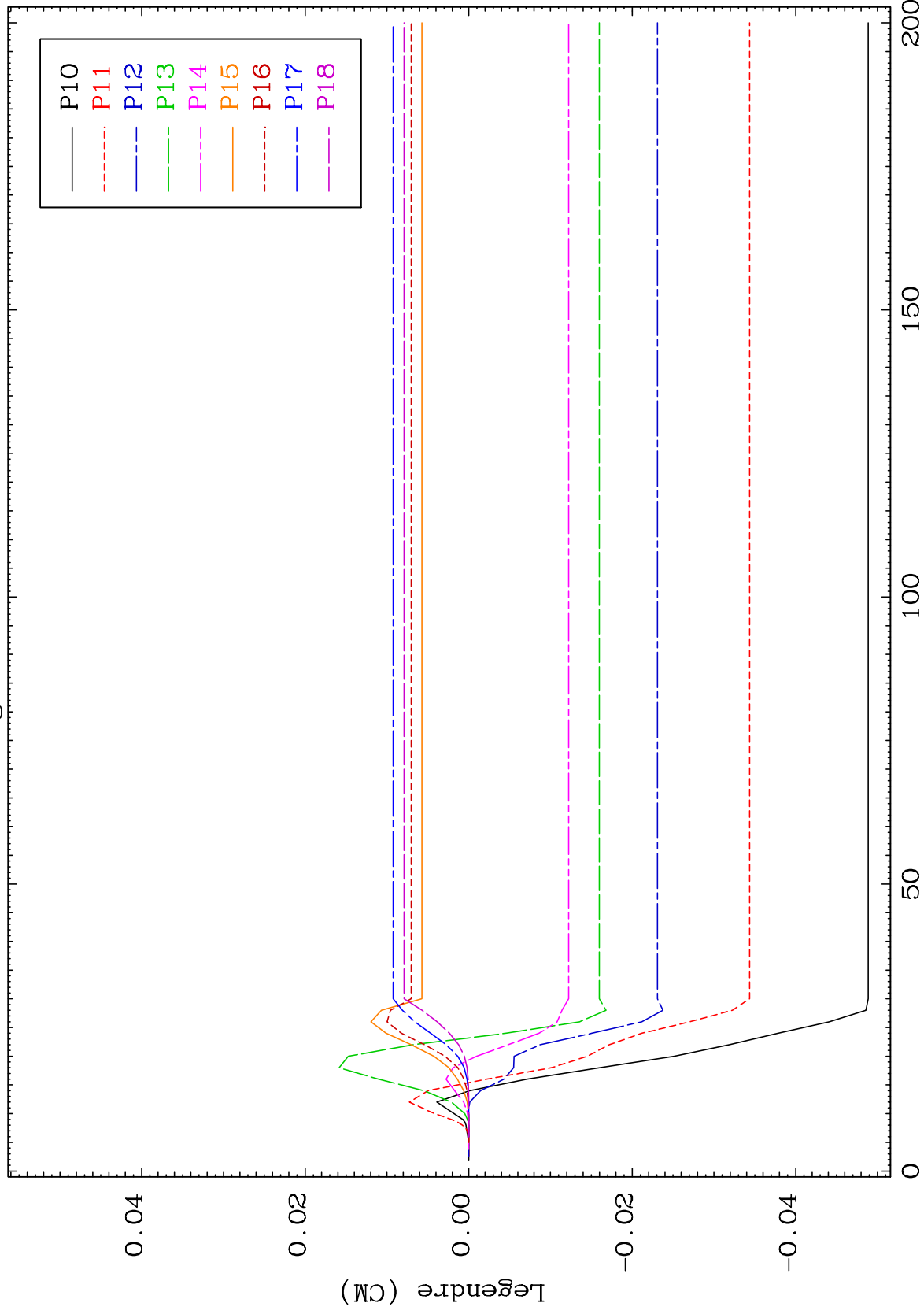
46-Pd-103



MAT 4628

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

46-Pd-103



61

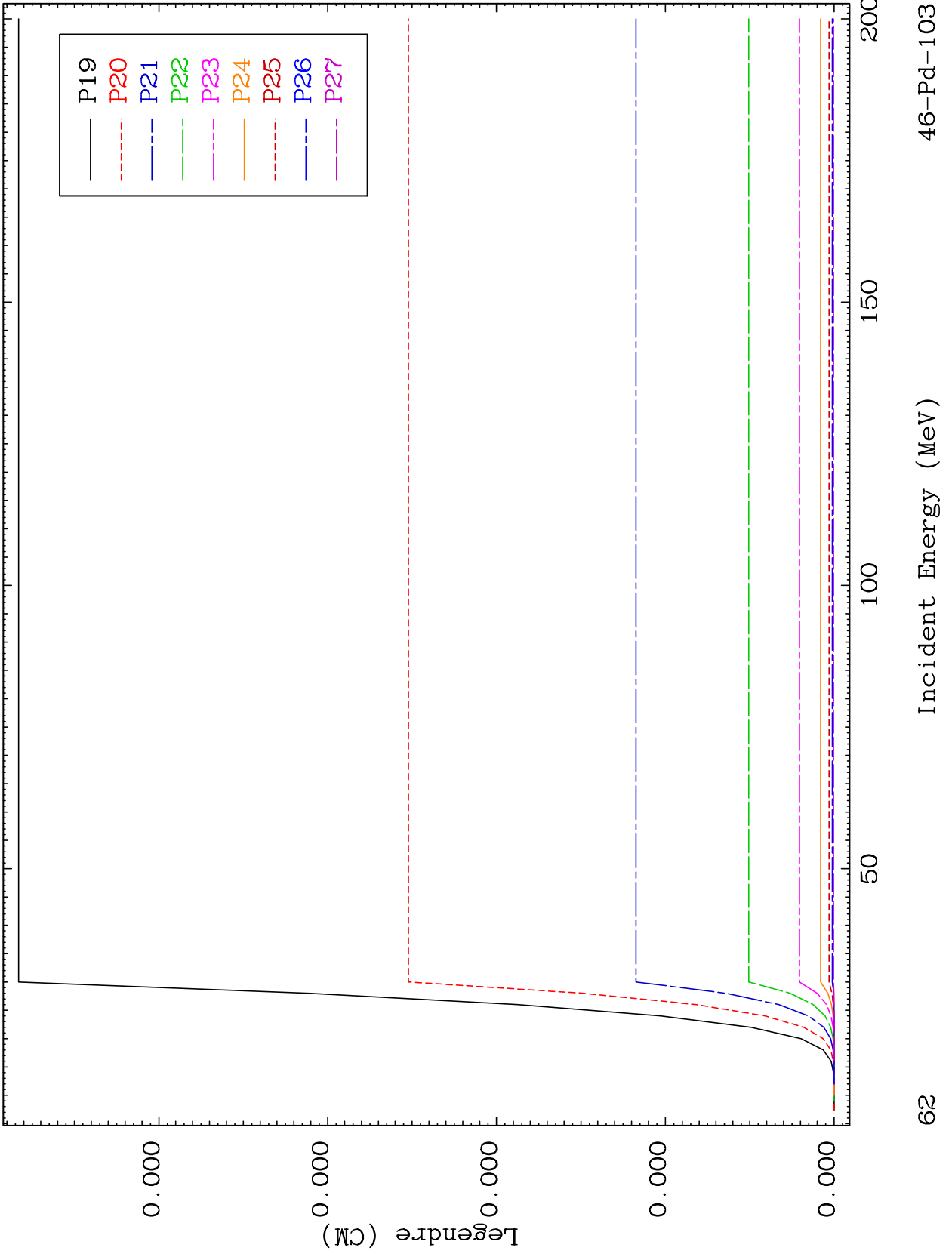
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103

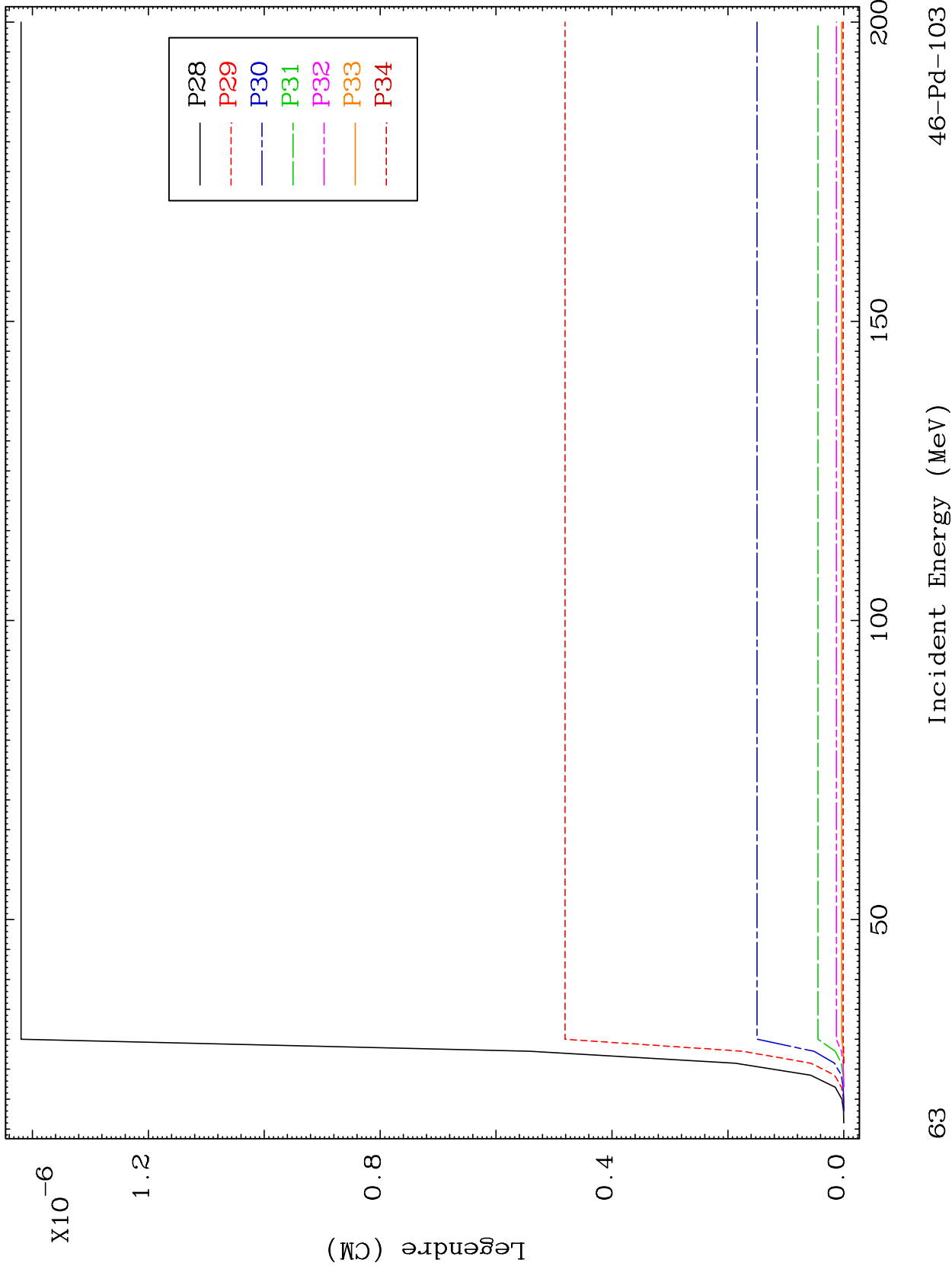


62

MAT 4628

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

46-Pd-103



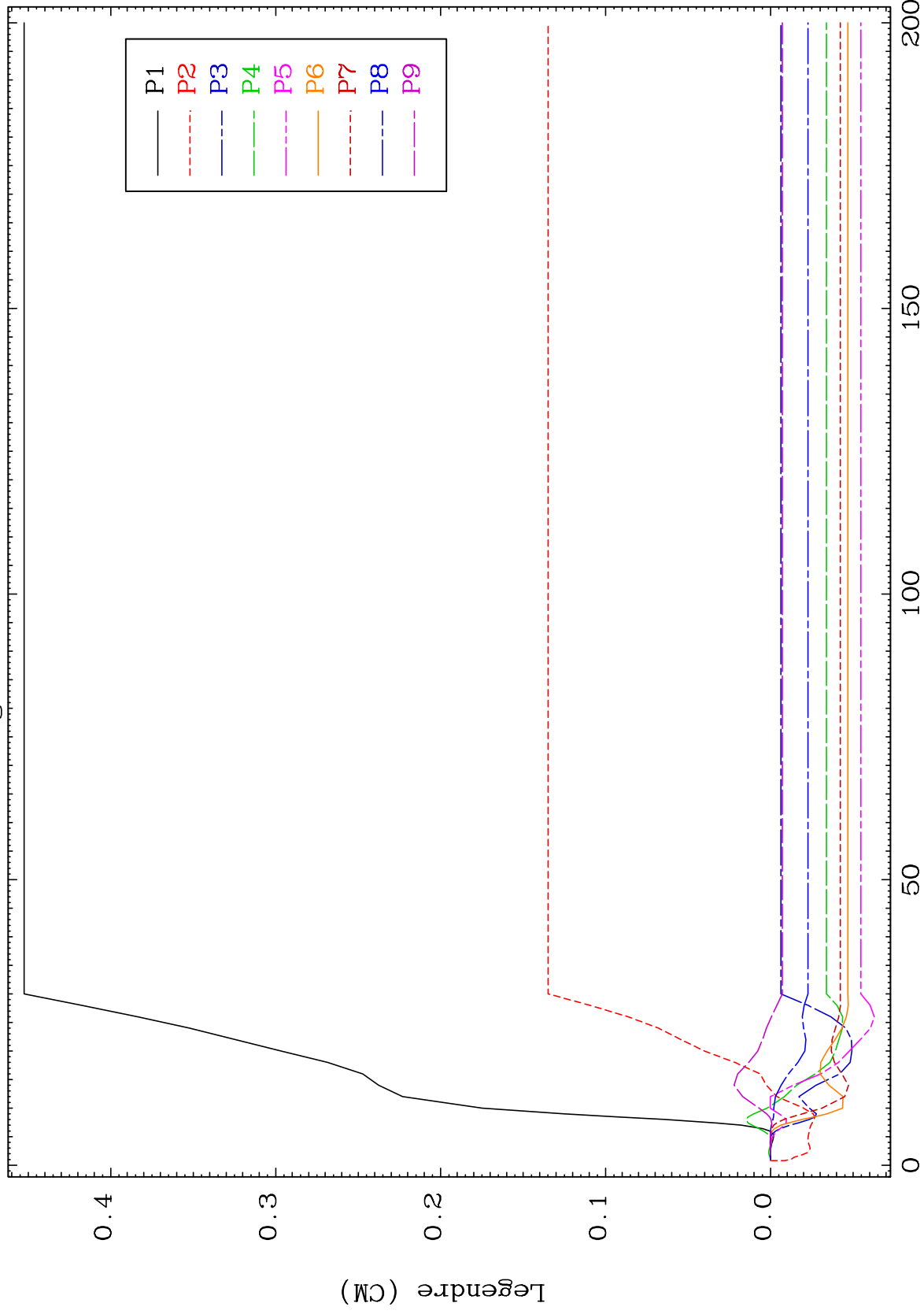
63

46-Pd-103

MAT 4628

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

46-Pd-103



64

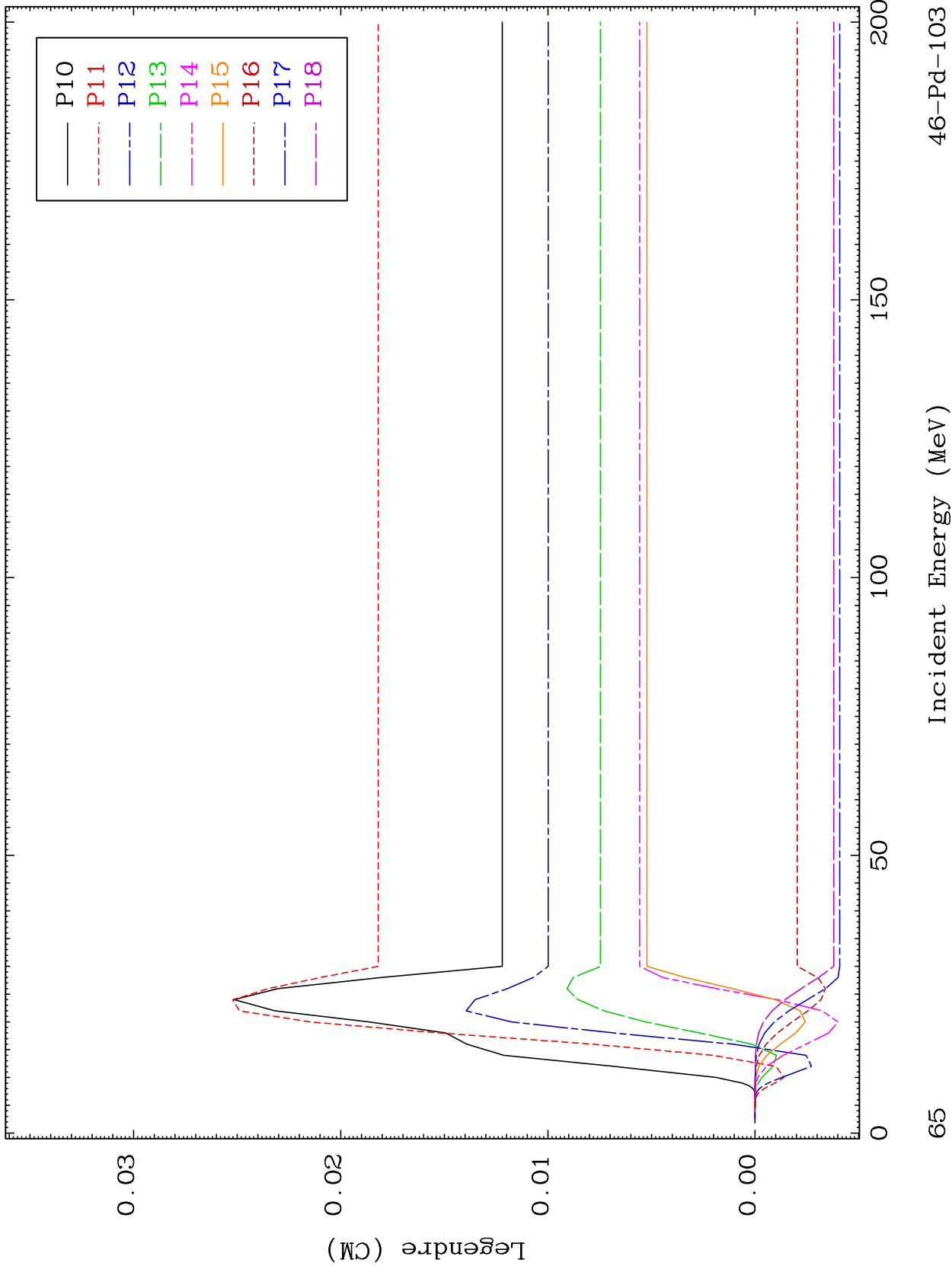
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

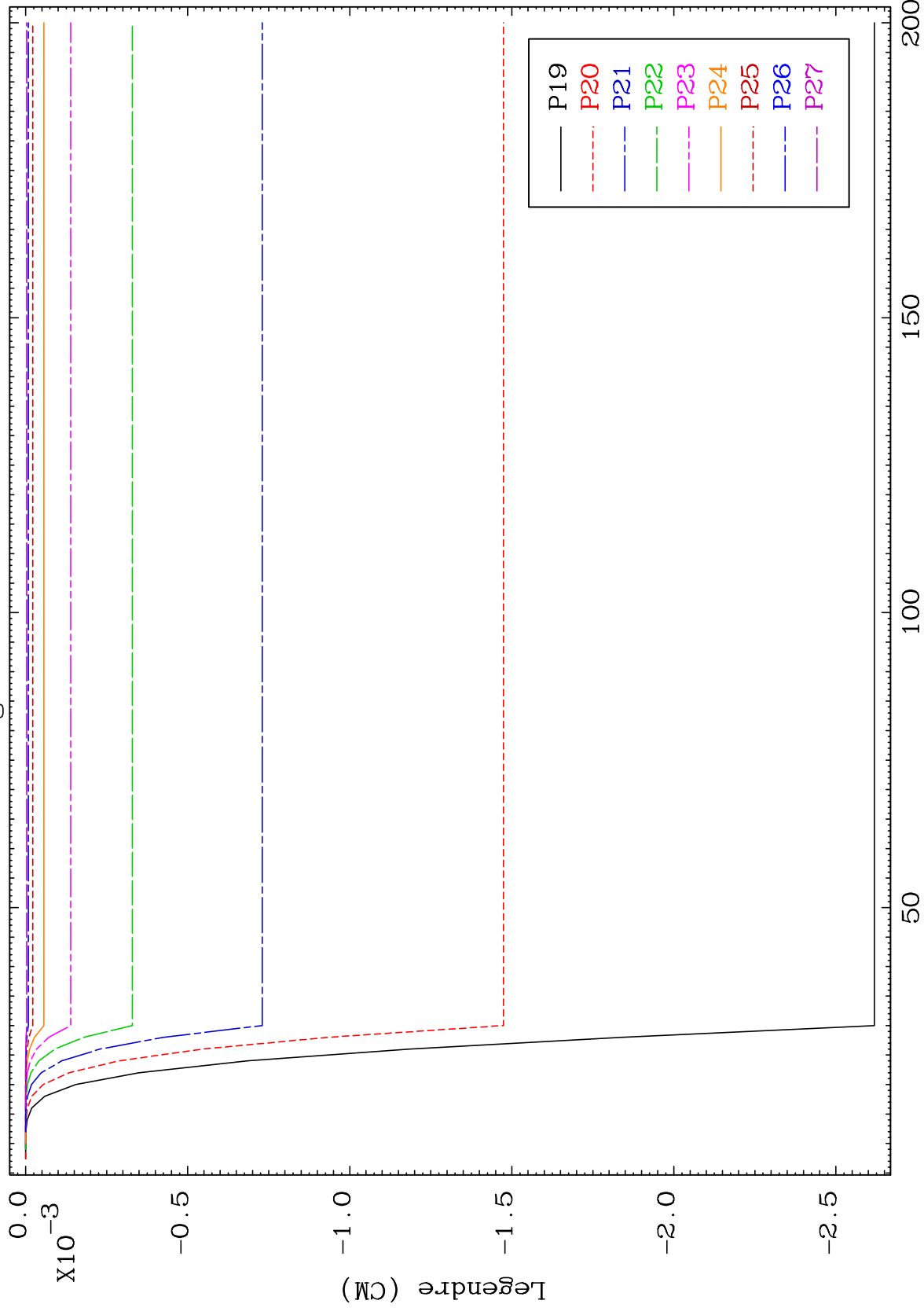
46-Pd-103

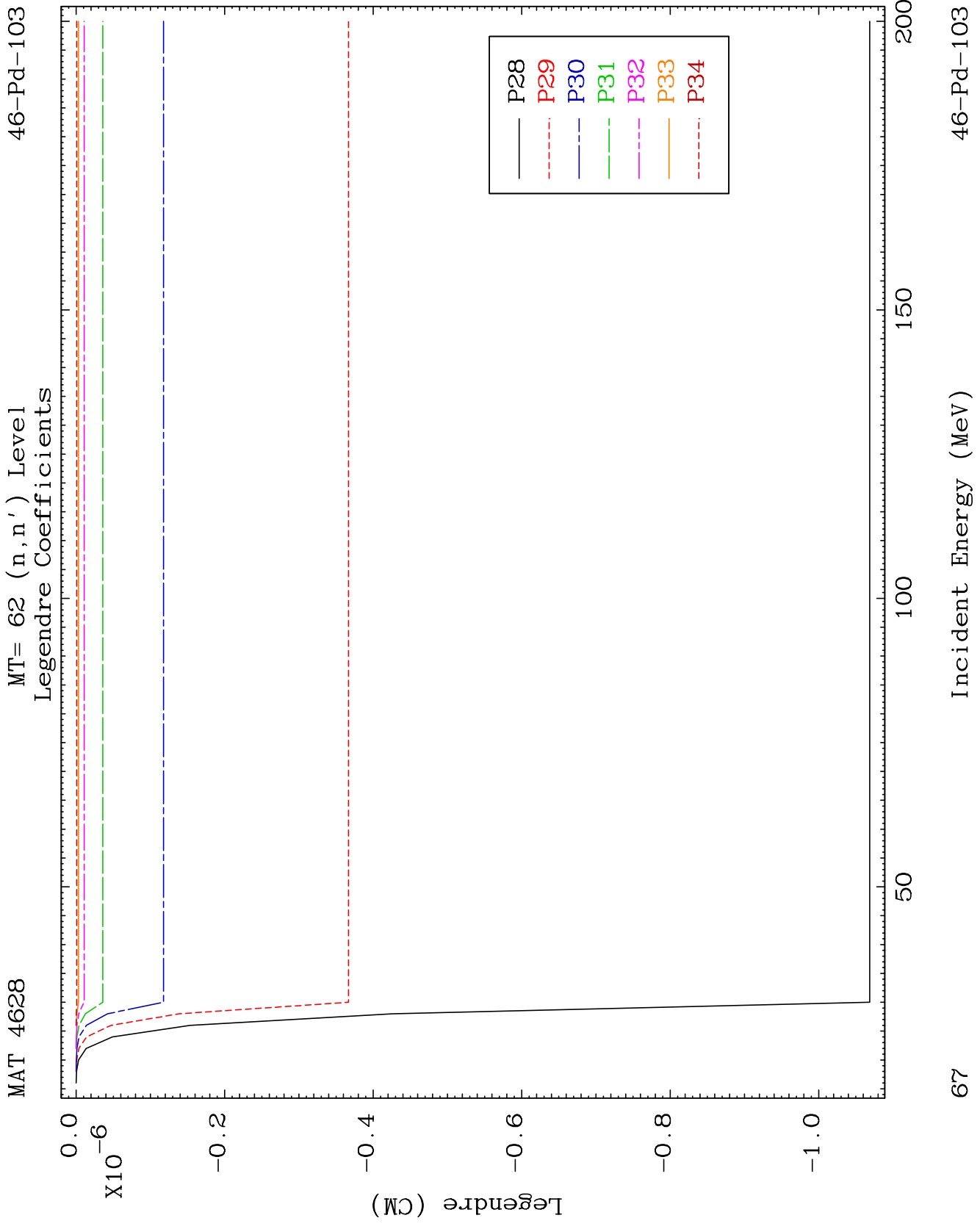


MAT 4628

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

46-Pd-103



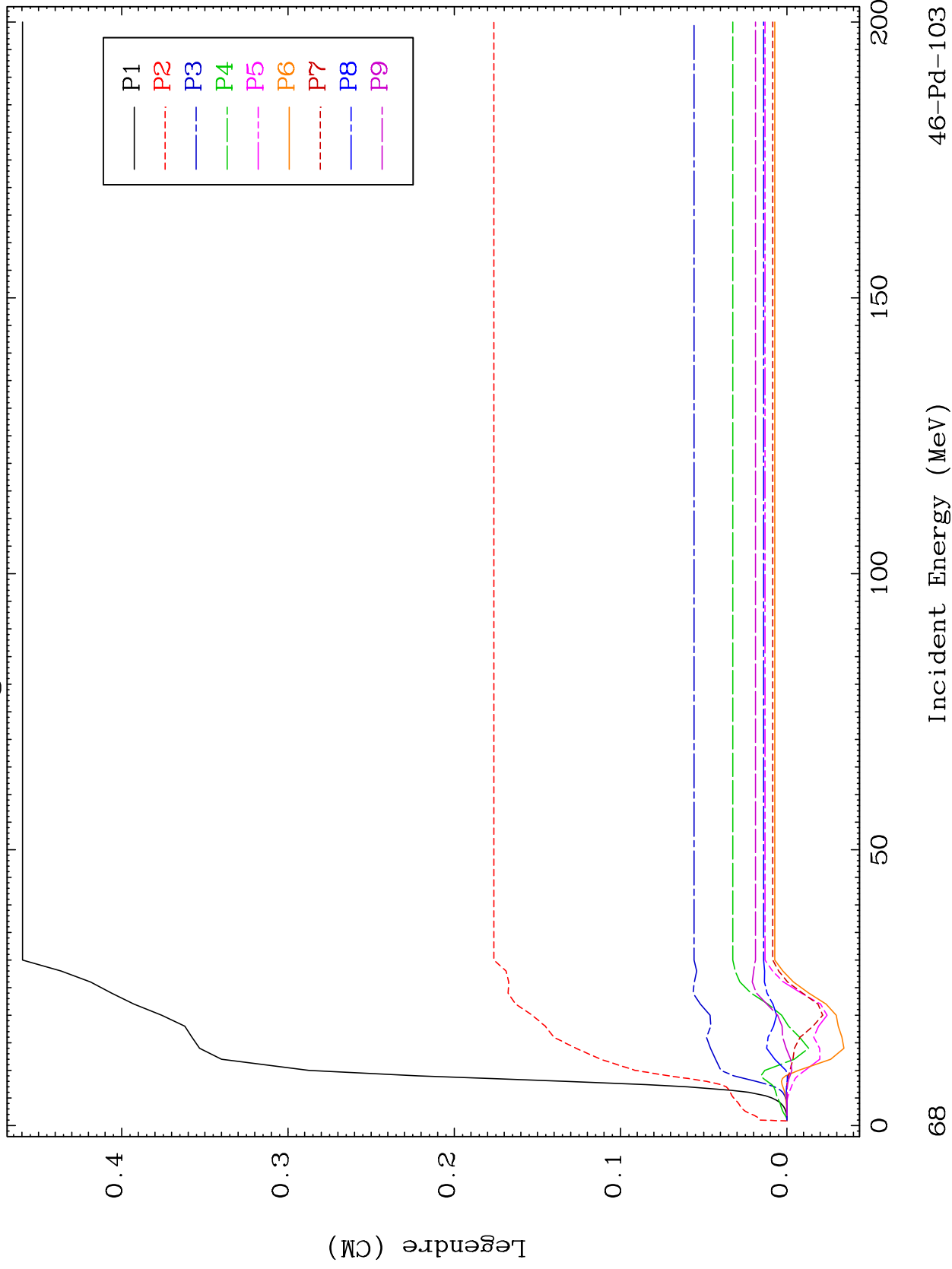


MAT 4628

MT= 63 (n,n') Level

46-Pd-103

Legendre Coefficients



68

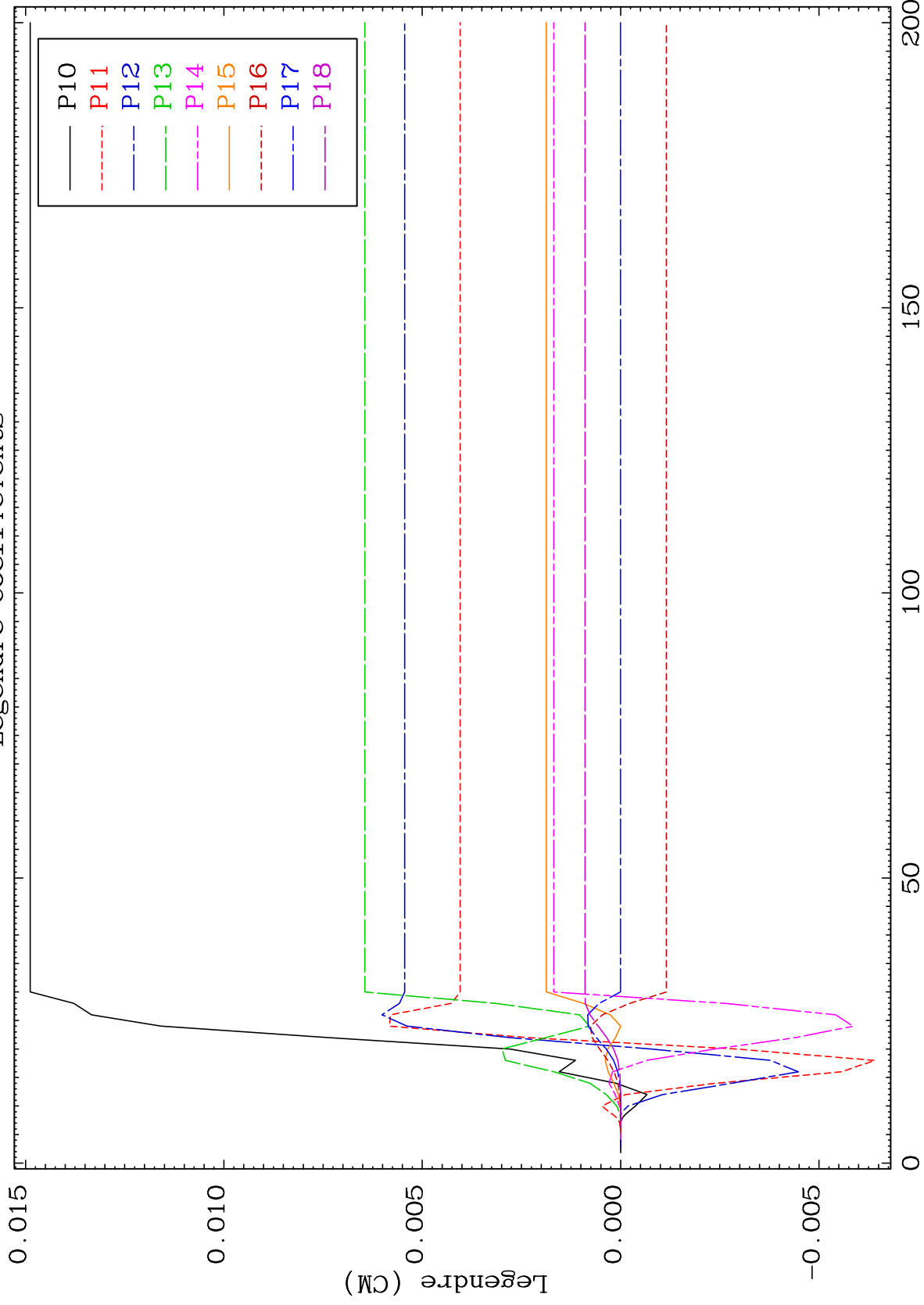
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



69

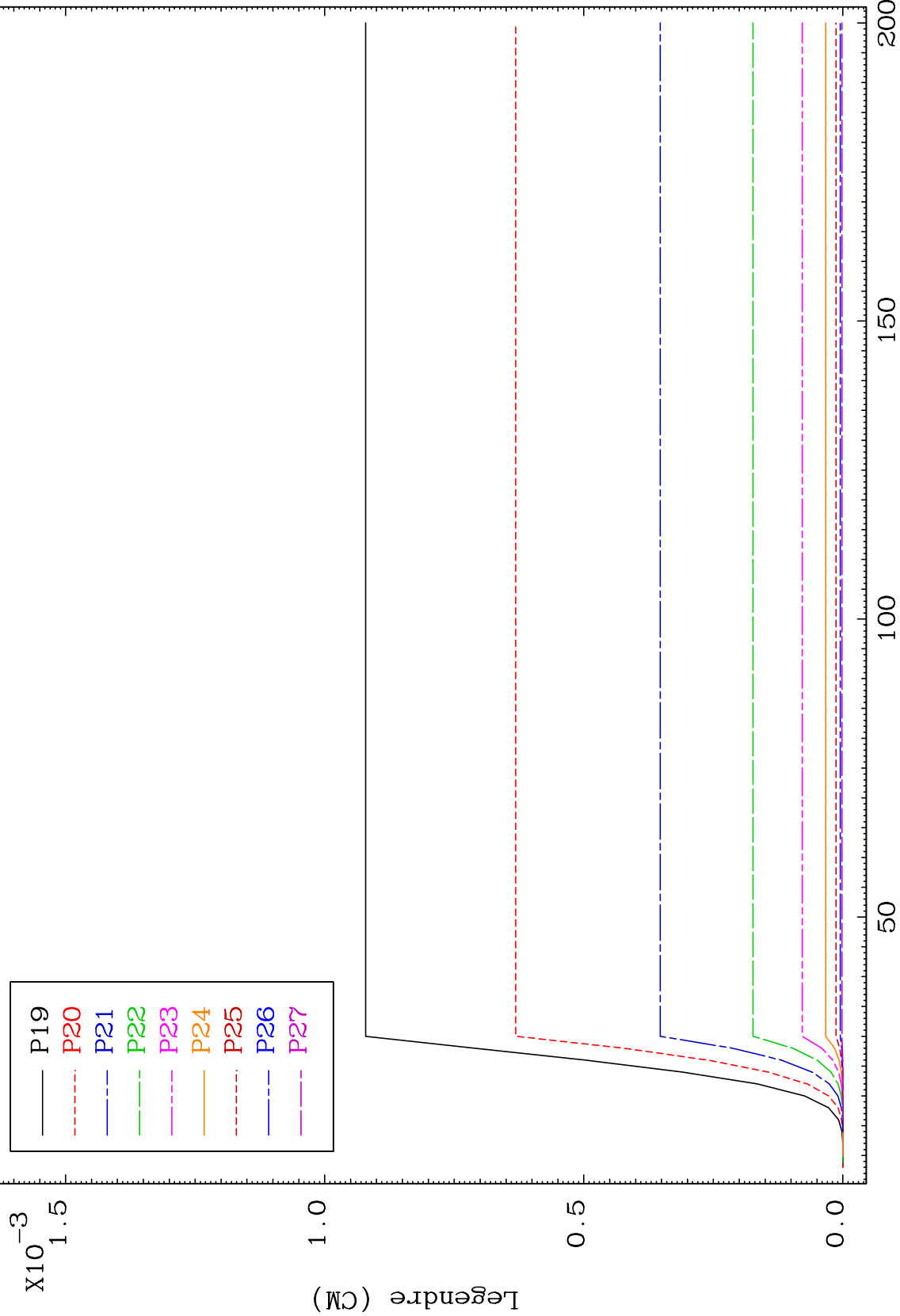
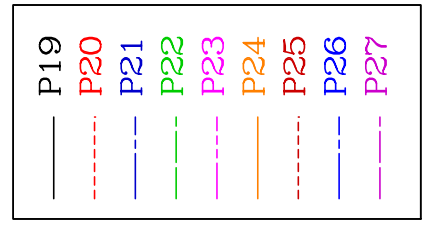
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



70

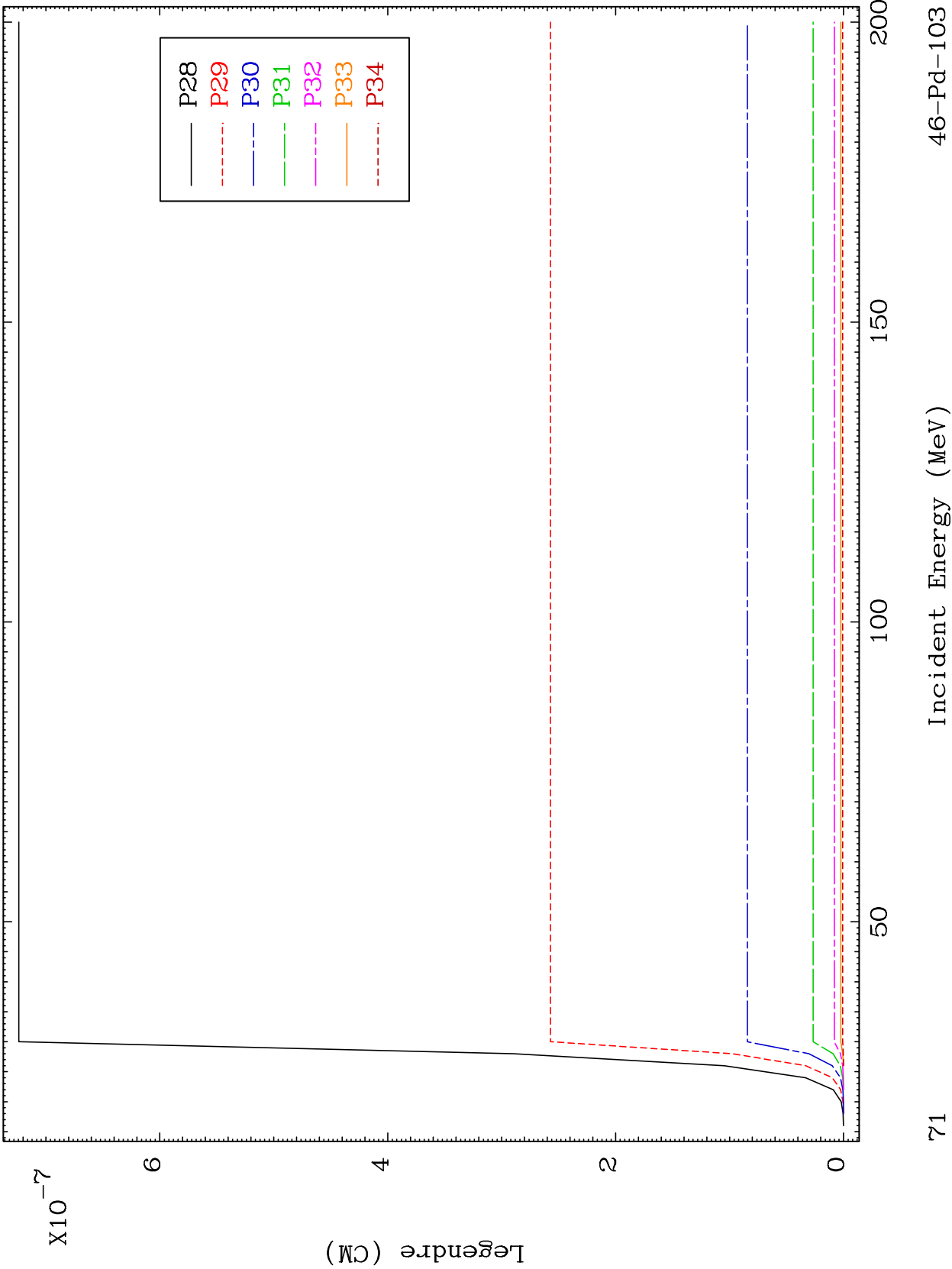
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



71

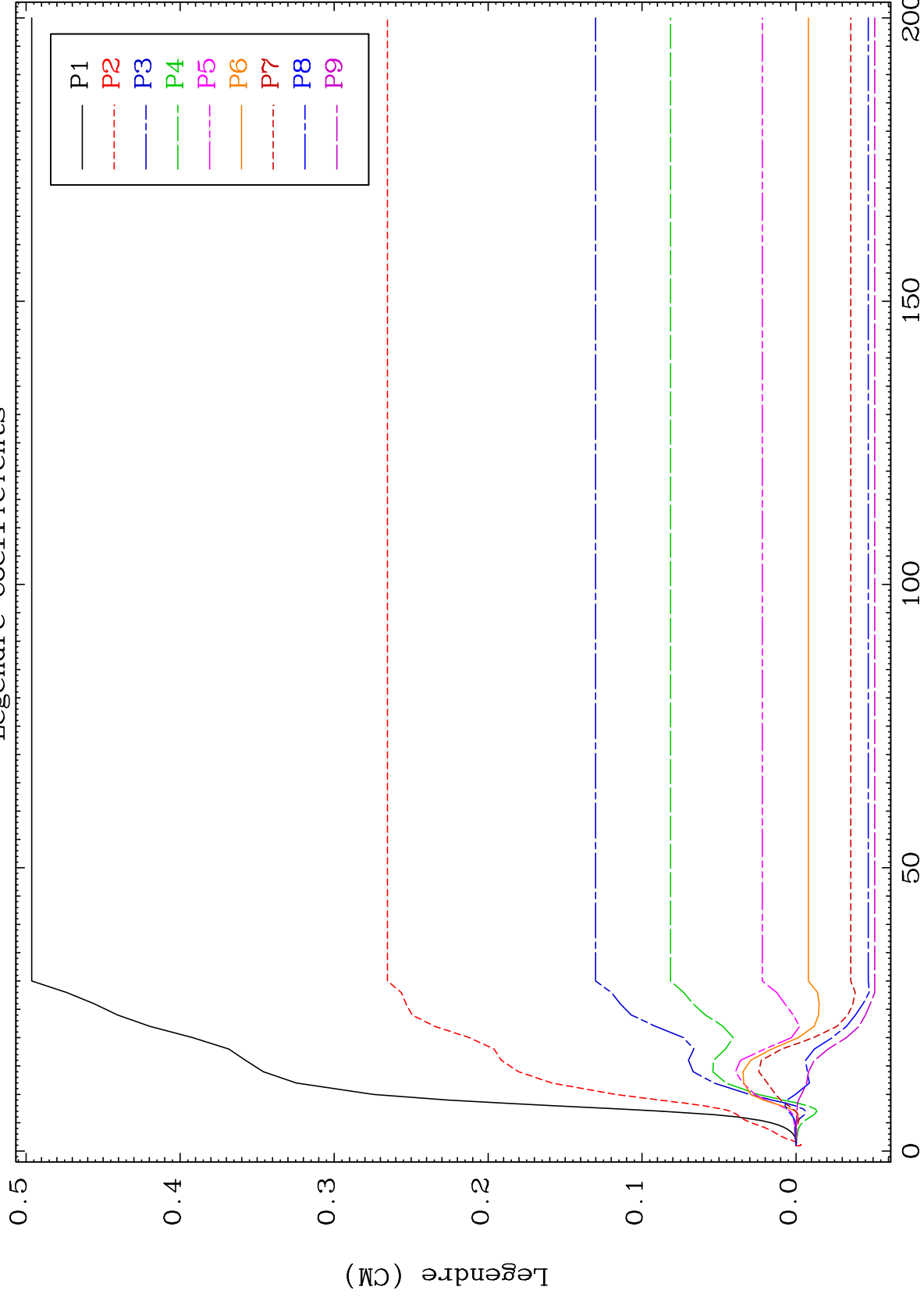
46-Pd-103

MAT 4628

MT= 64 (n,n') Level

46-Pd-103

Legendre Coefficients



72

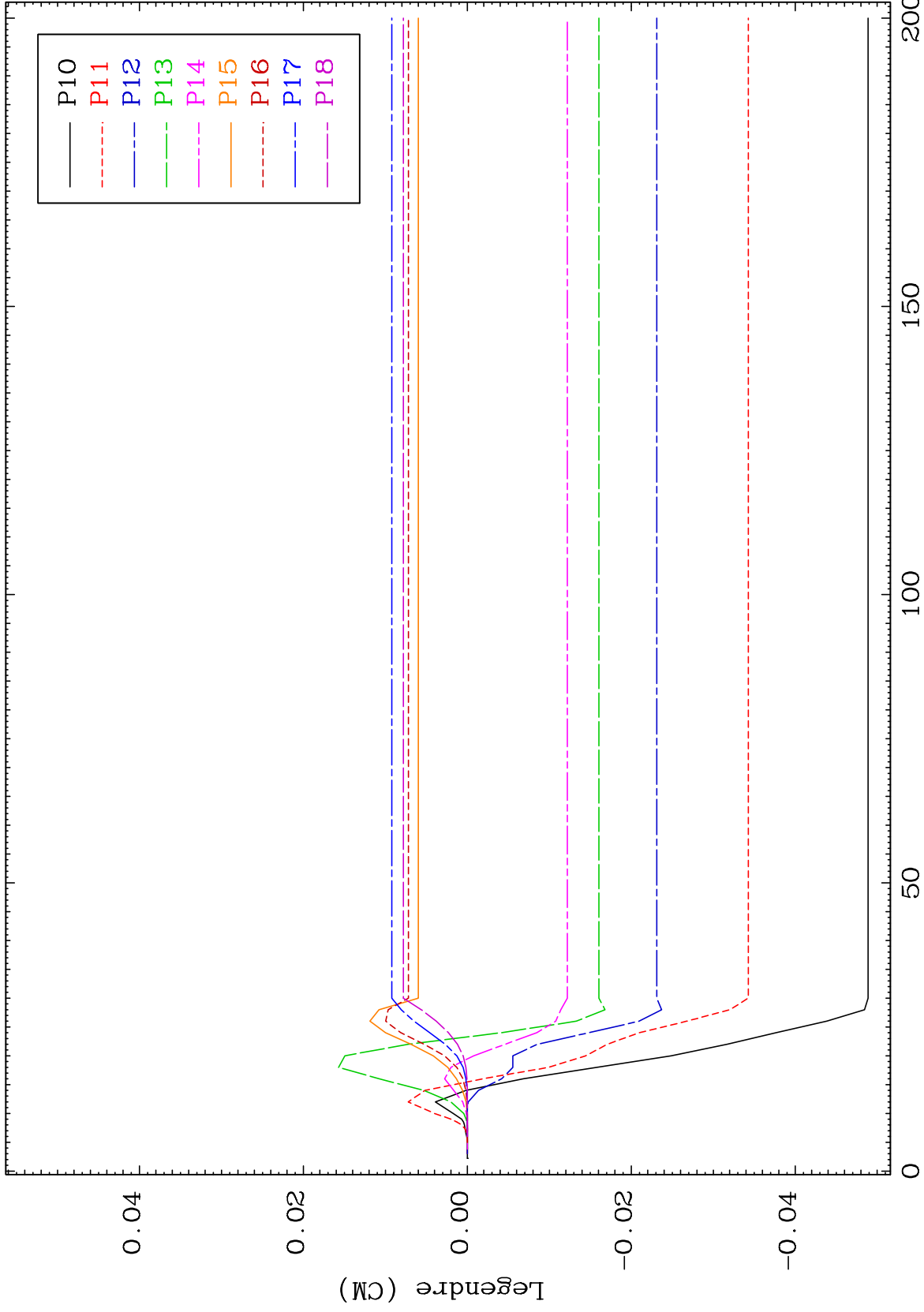
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



73

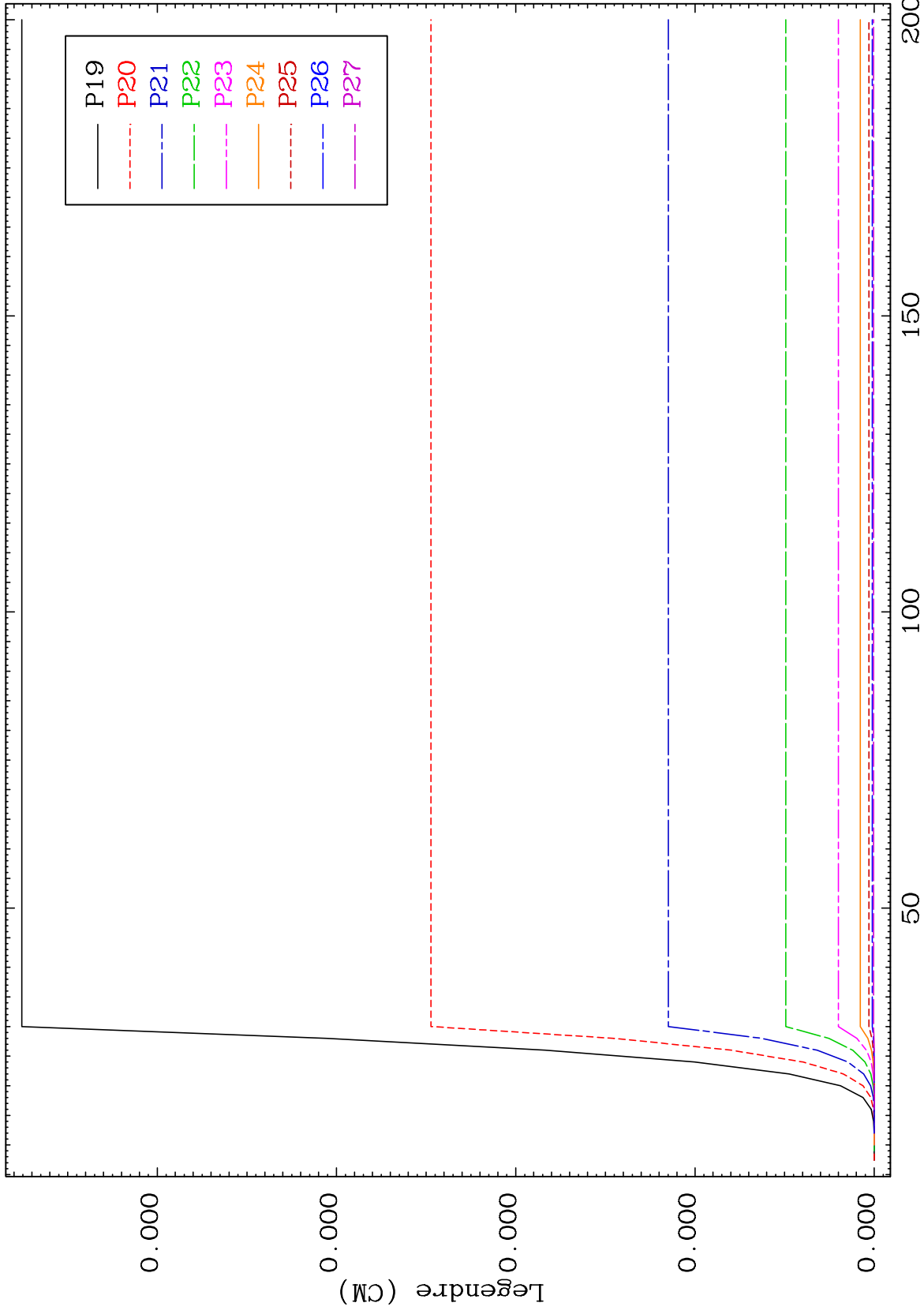
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



74

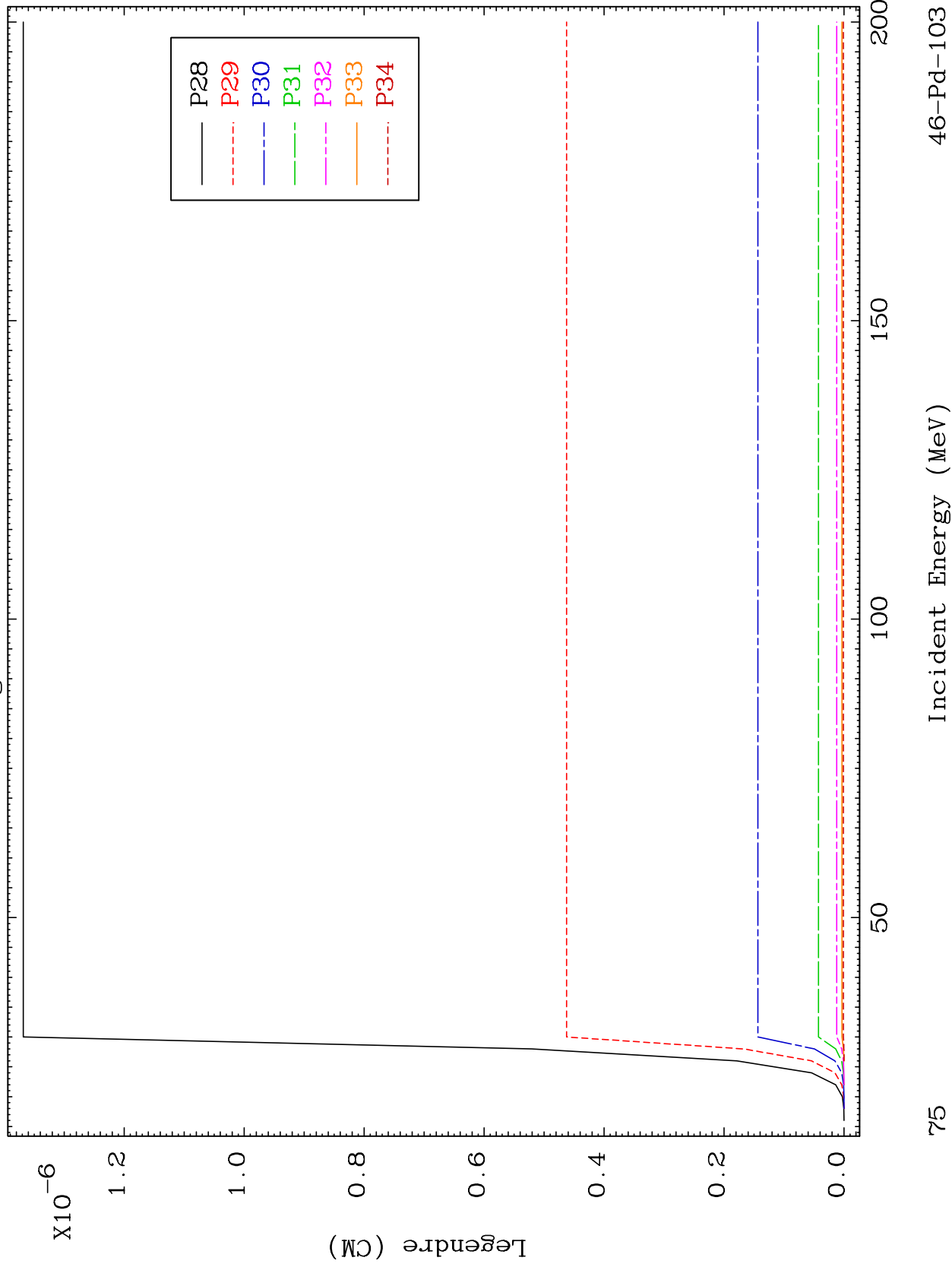
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



75

Incident Energy (MeV)

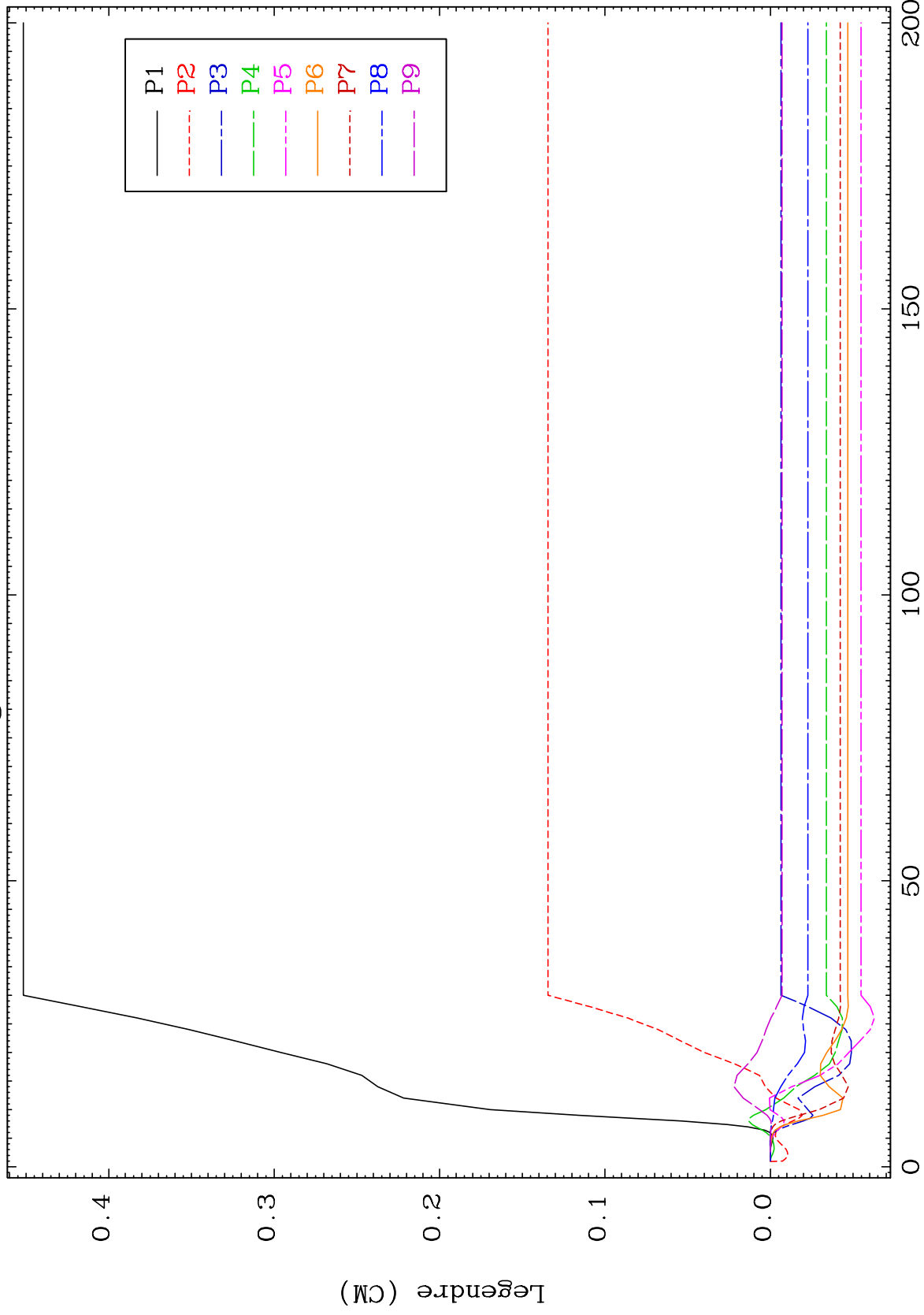
46-Pd-103

MAT 4628

MT= 65 (n,n') Level

46-Pd-103

Legendre Coefficients



76

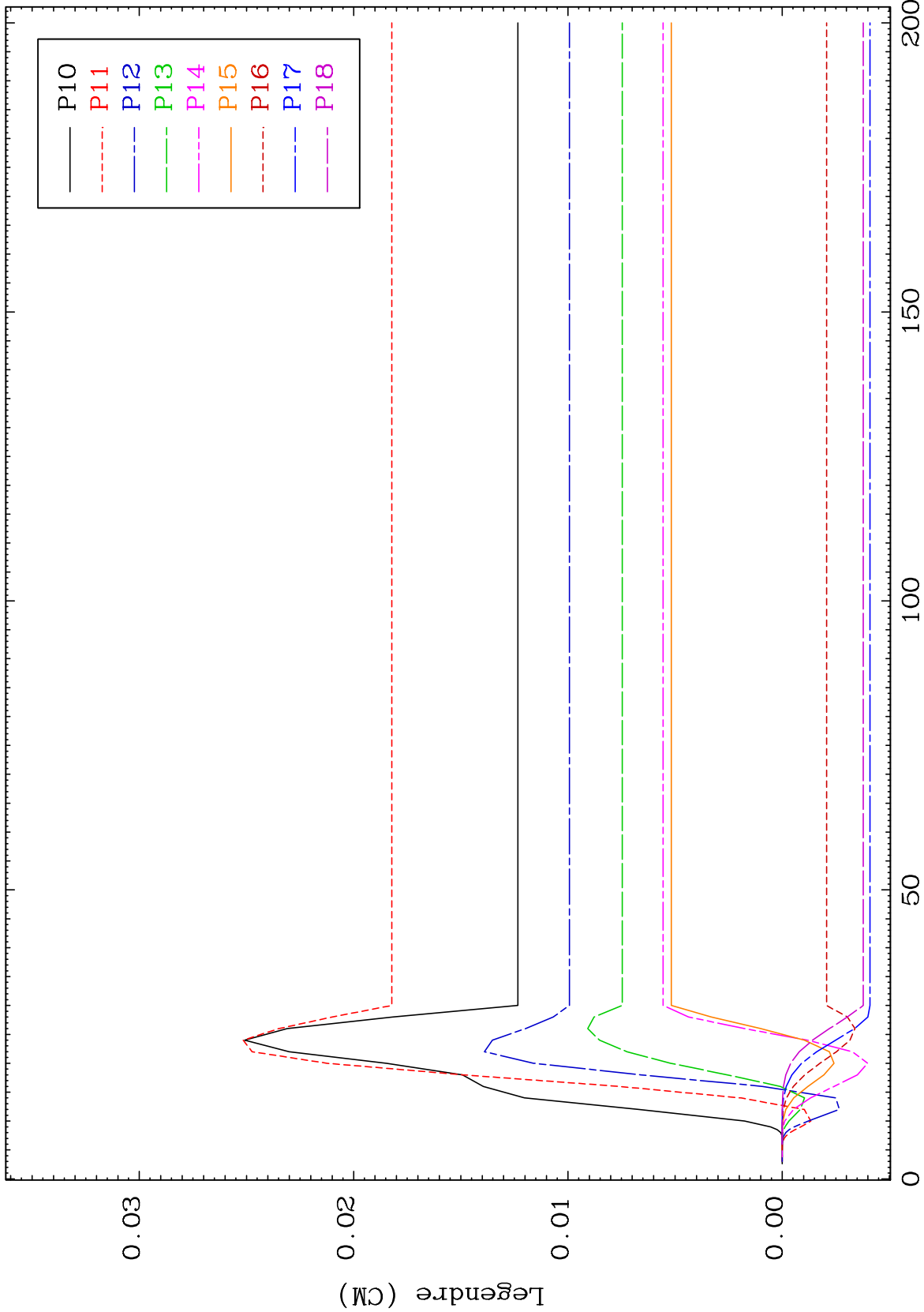
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



77

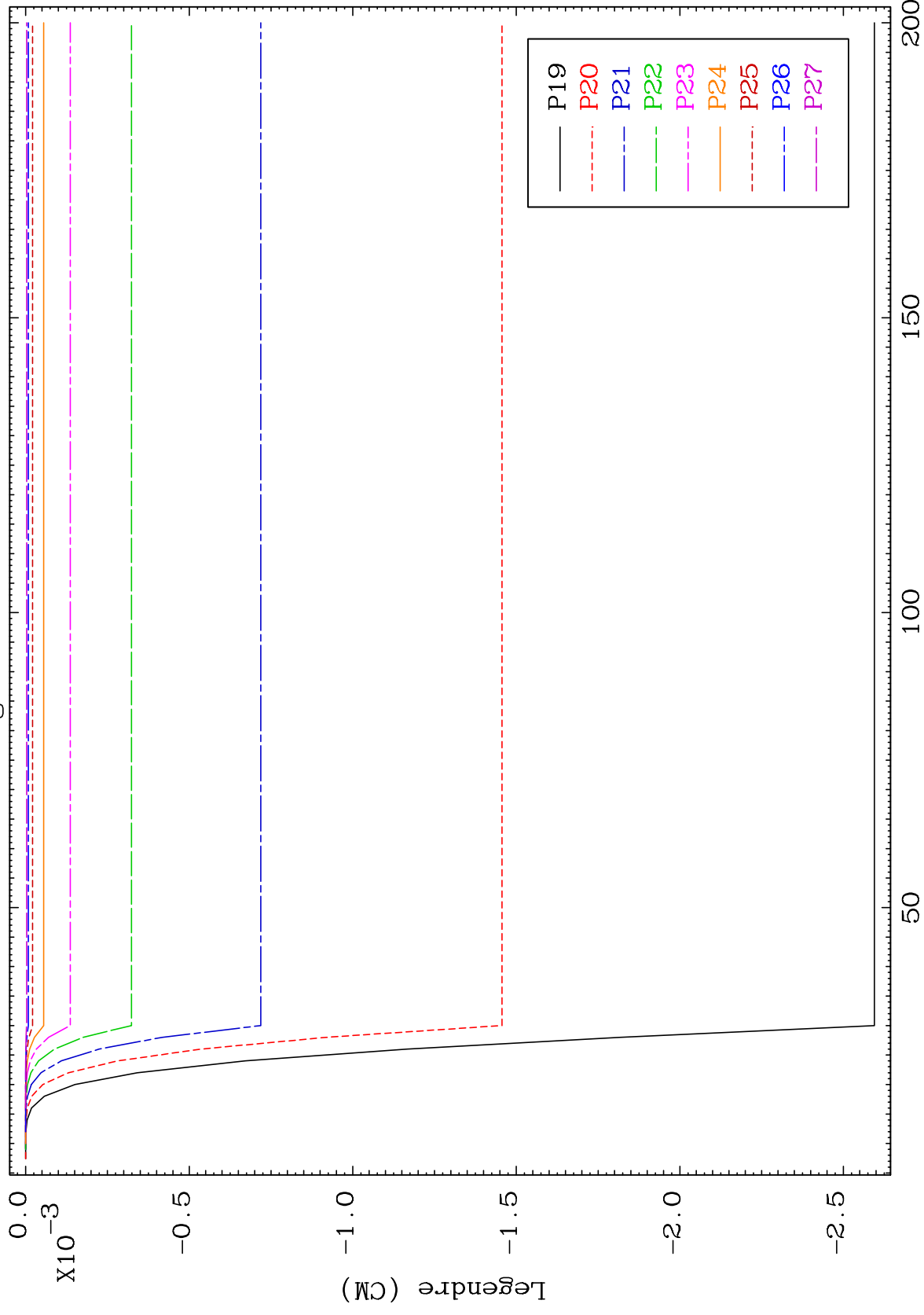
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



78

Incident Energy (MeV)

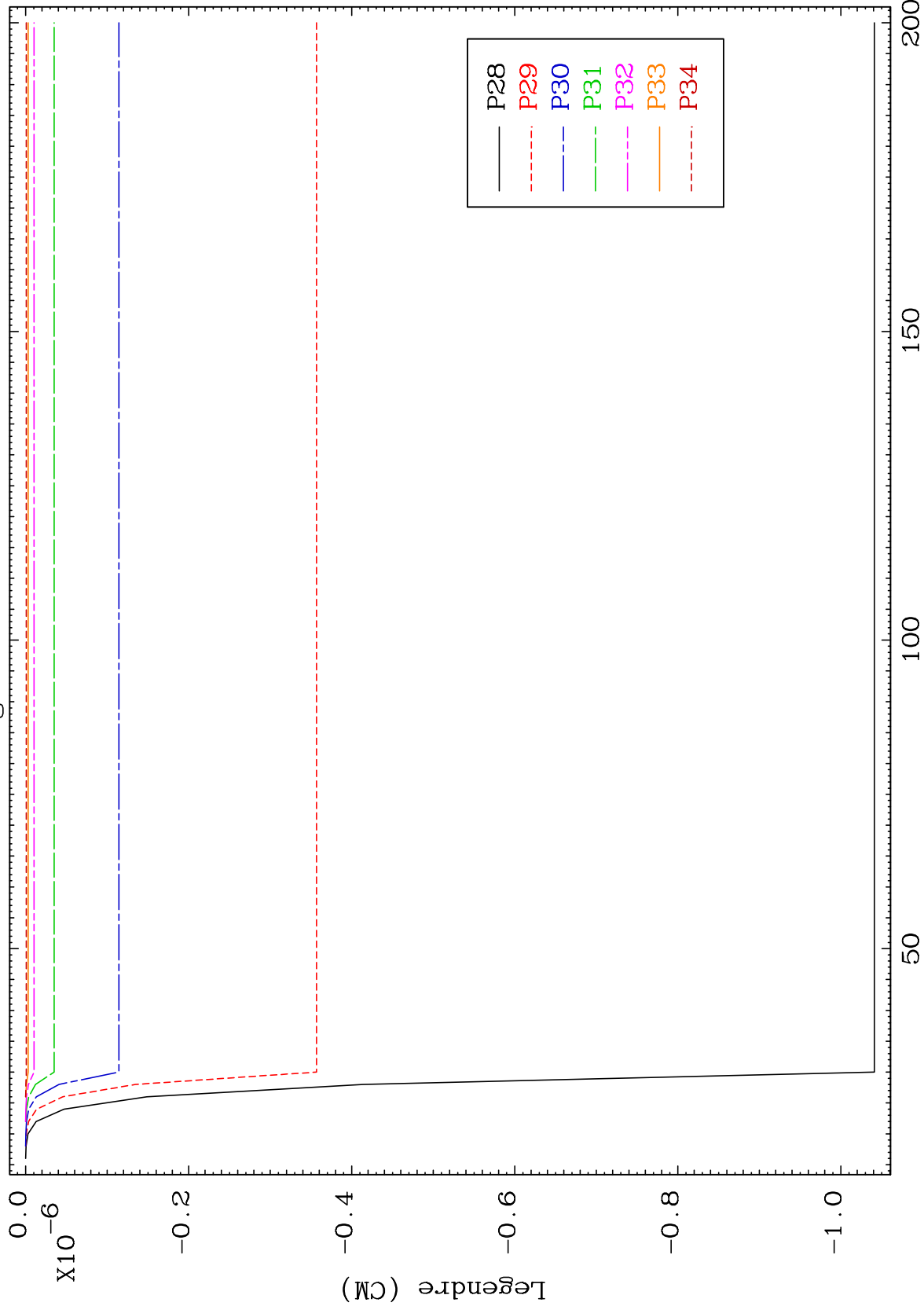
46-Pd-103

MAT 4628

MT= 65 (n,n') Level

46-Pd-103

Legendre Coefficients



79

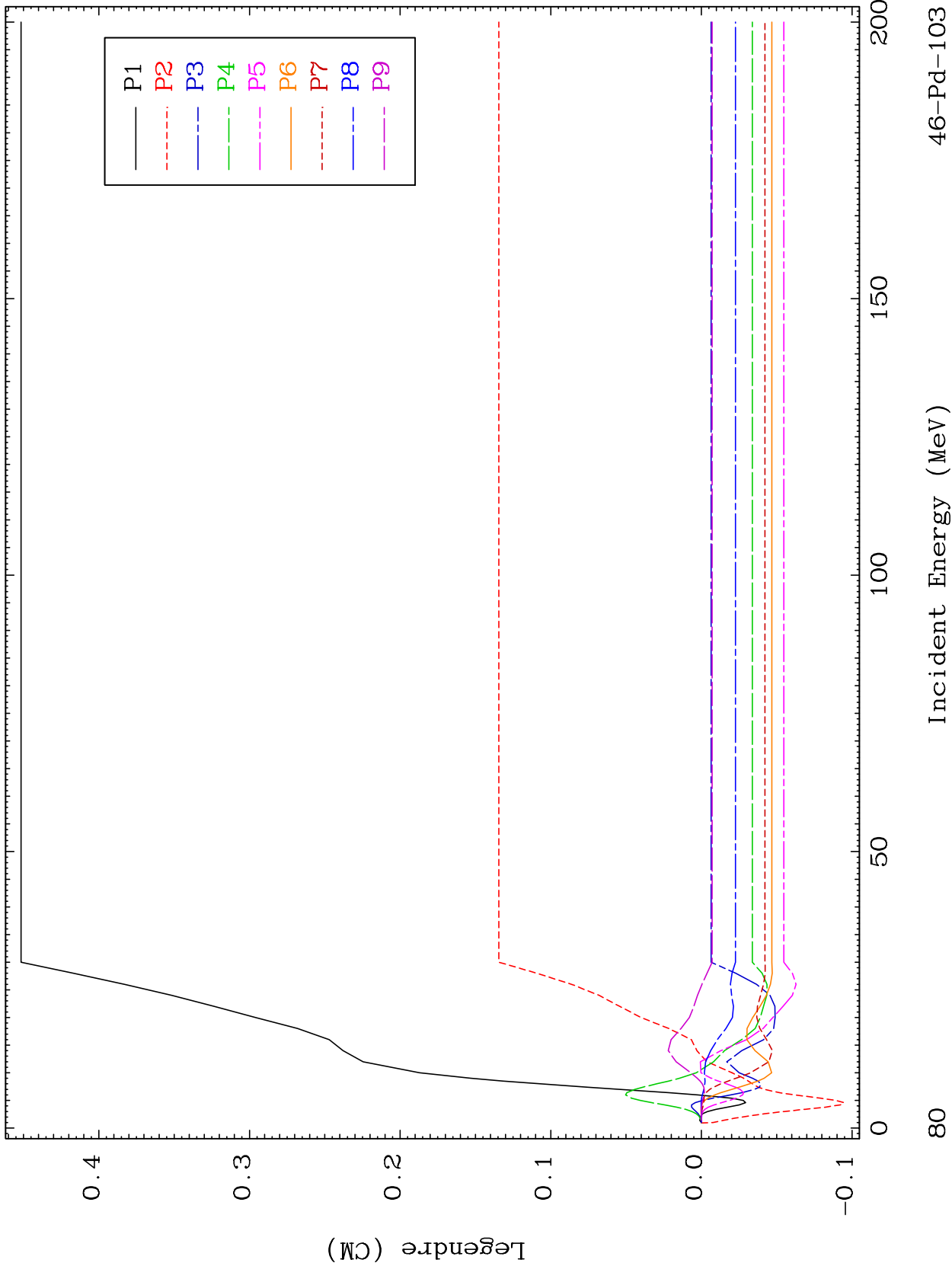
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103

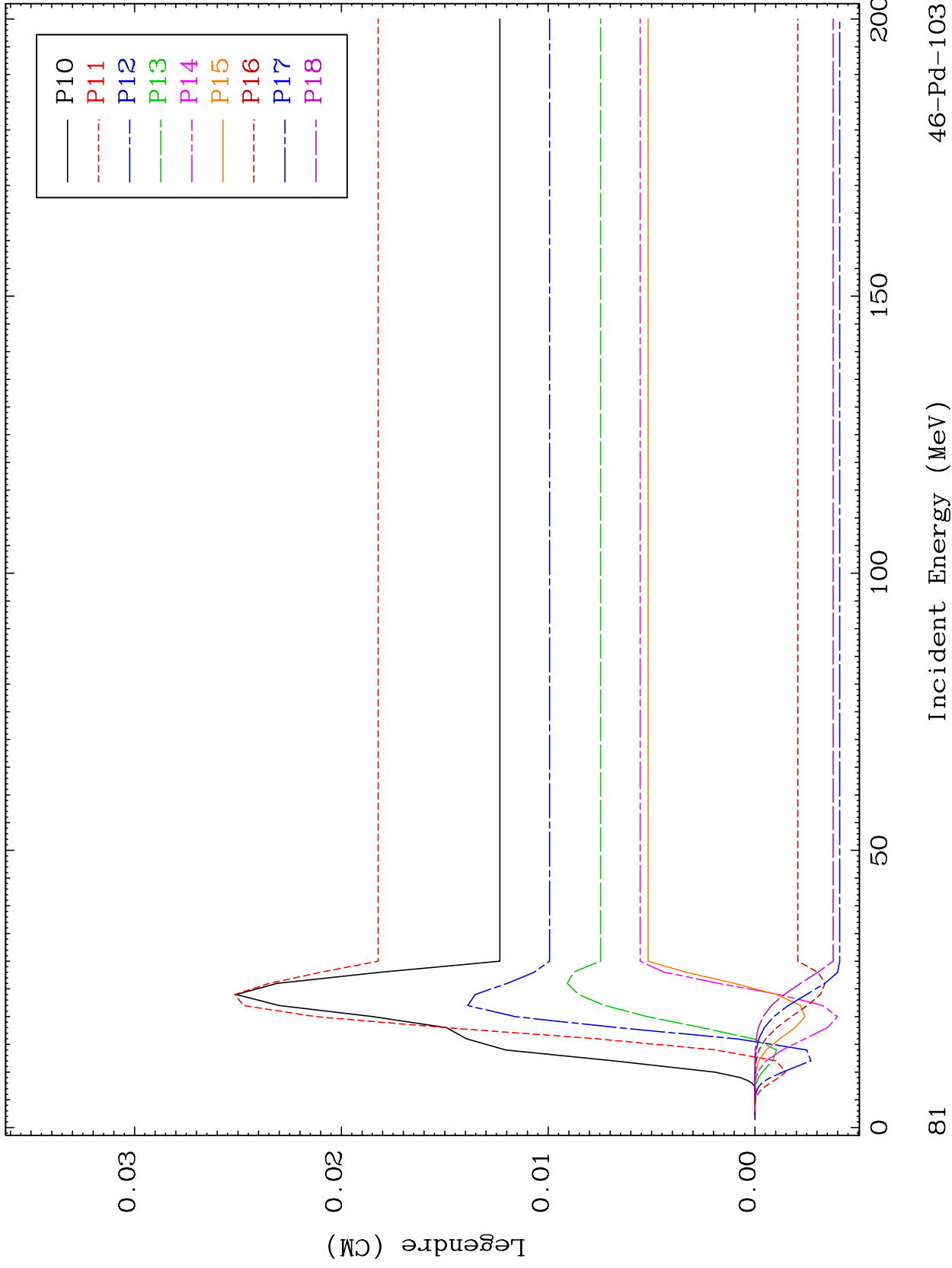


46-Pd-103

MAT 4628

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

46-Pd-103



81

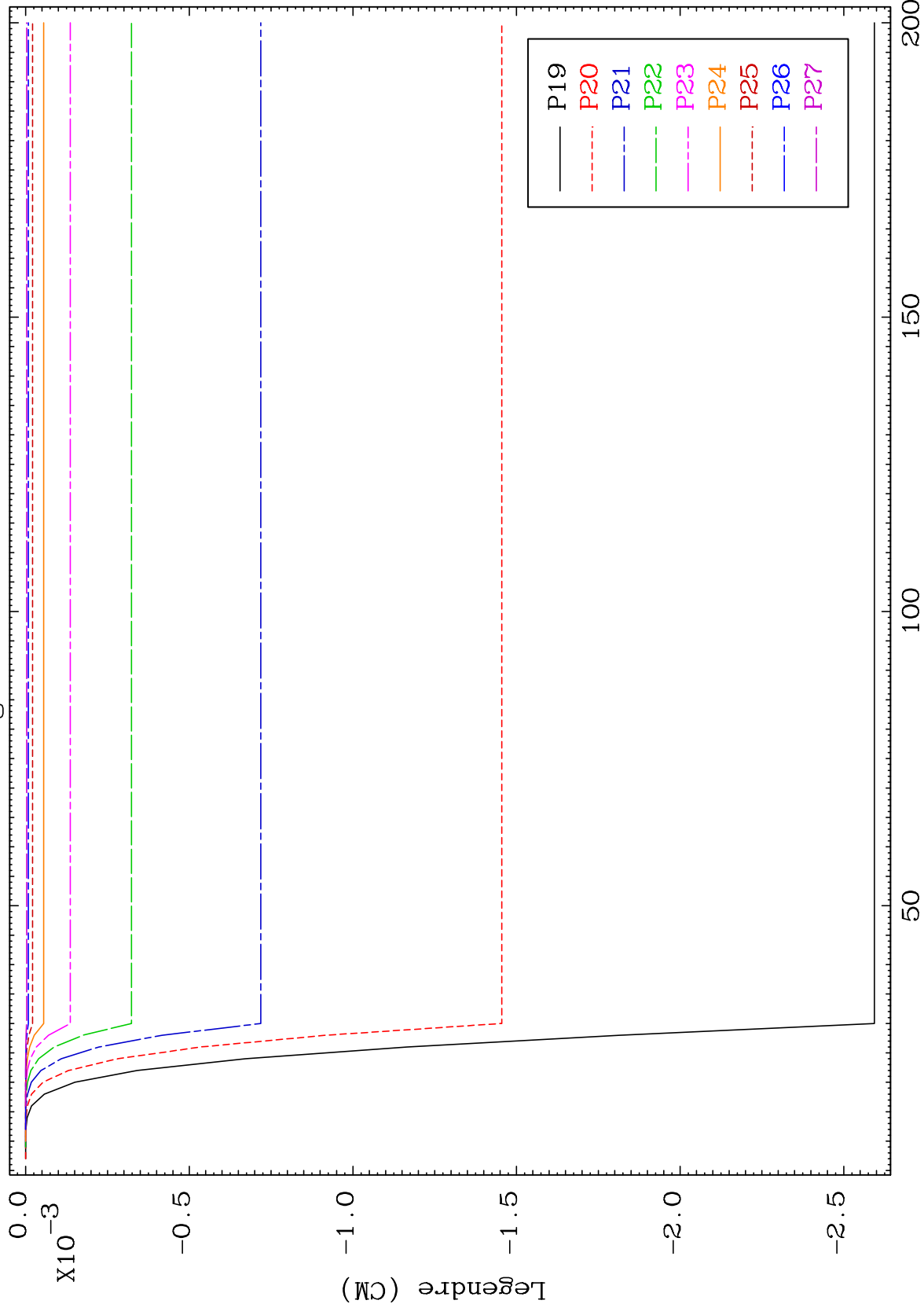
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



82

Incident Energy (MeV)

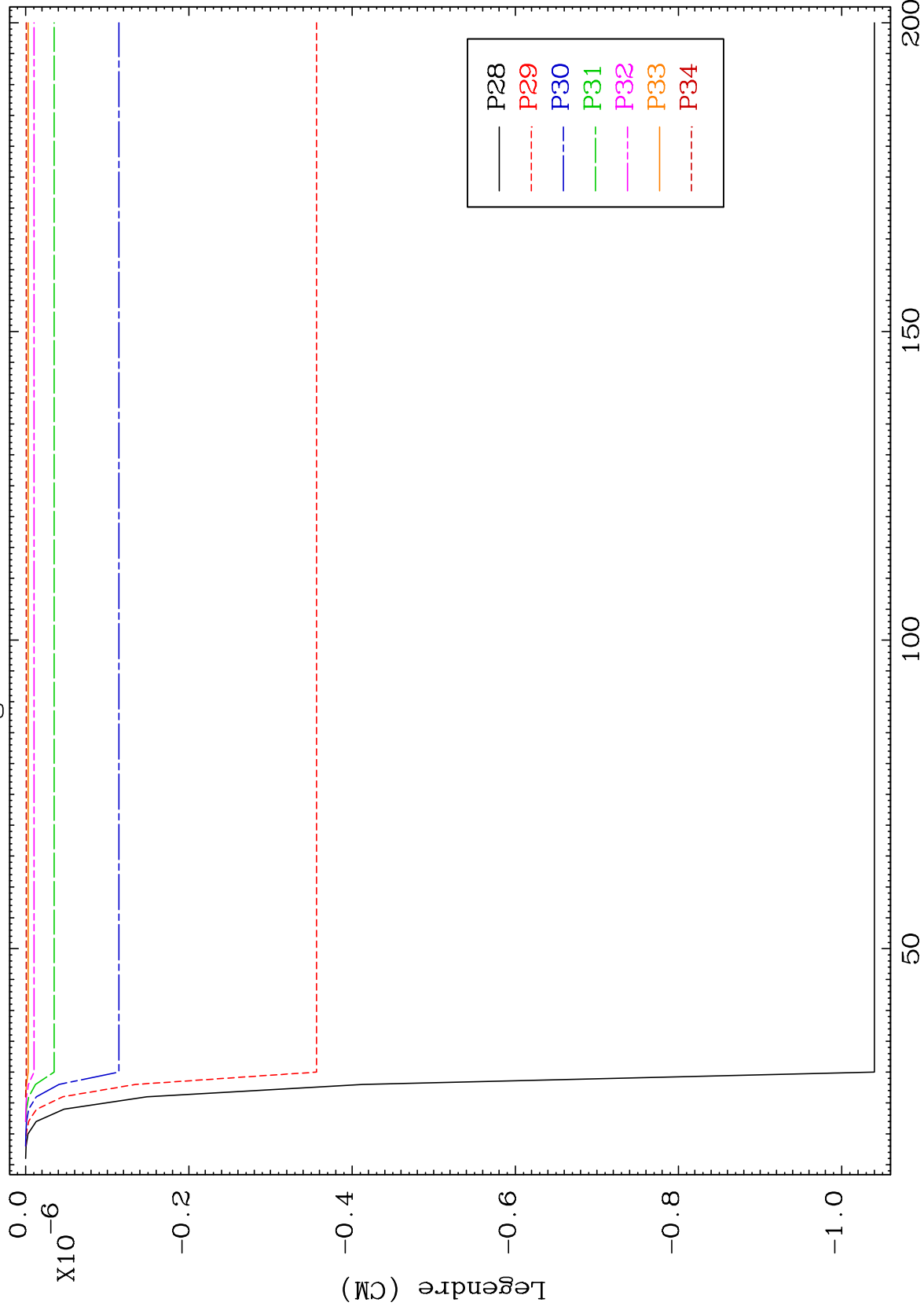
46-Pd-103

MAT 4628

MT= 66 (n,n') Level

46-Pd-103

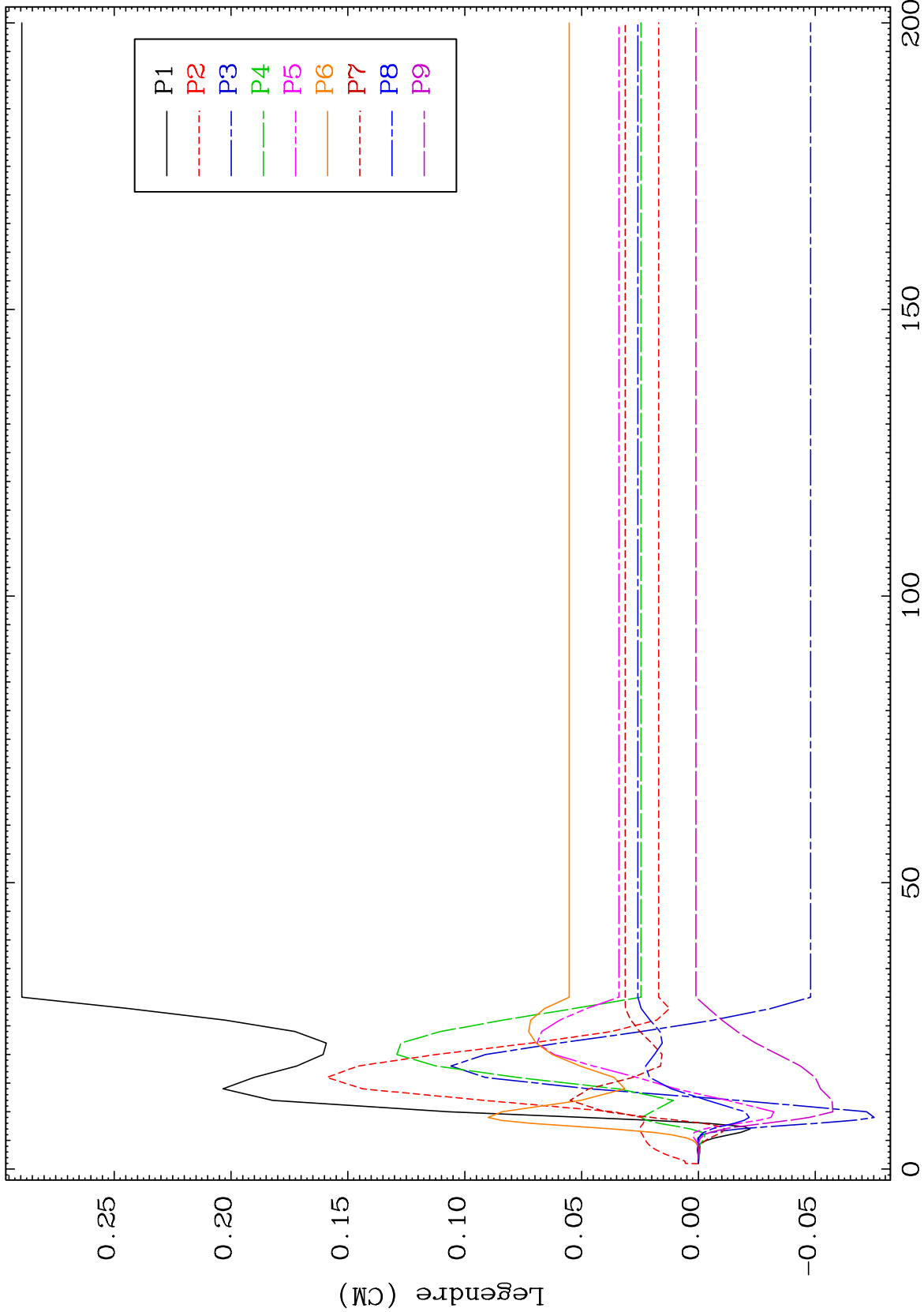
Legendre Coefficients



MAT 4628

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

46-Pd-103



84

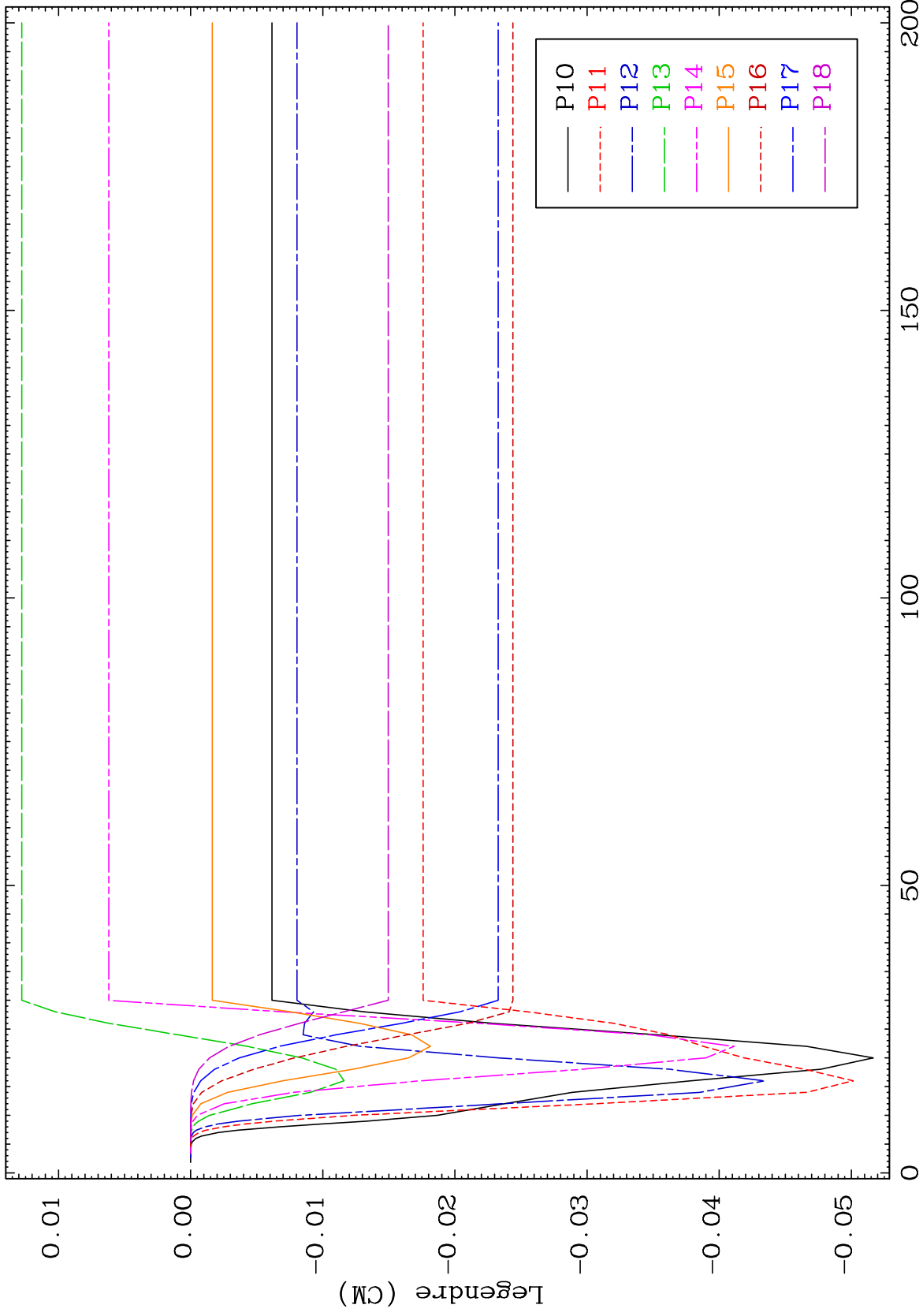
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

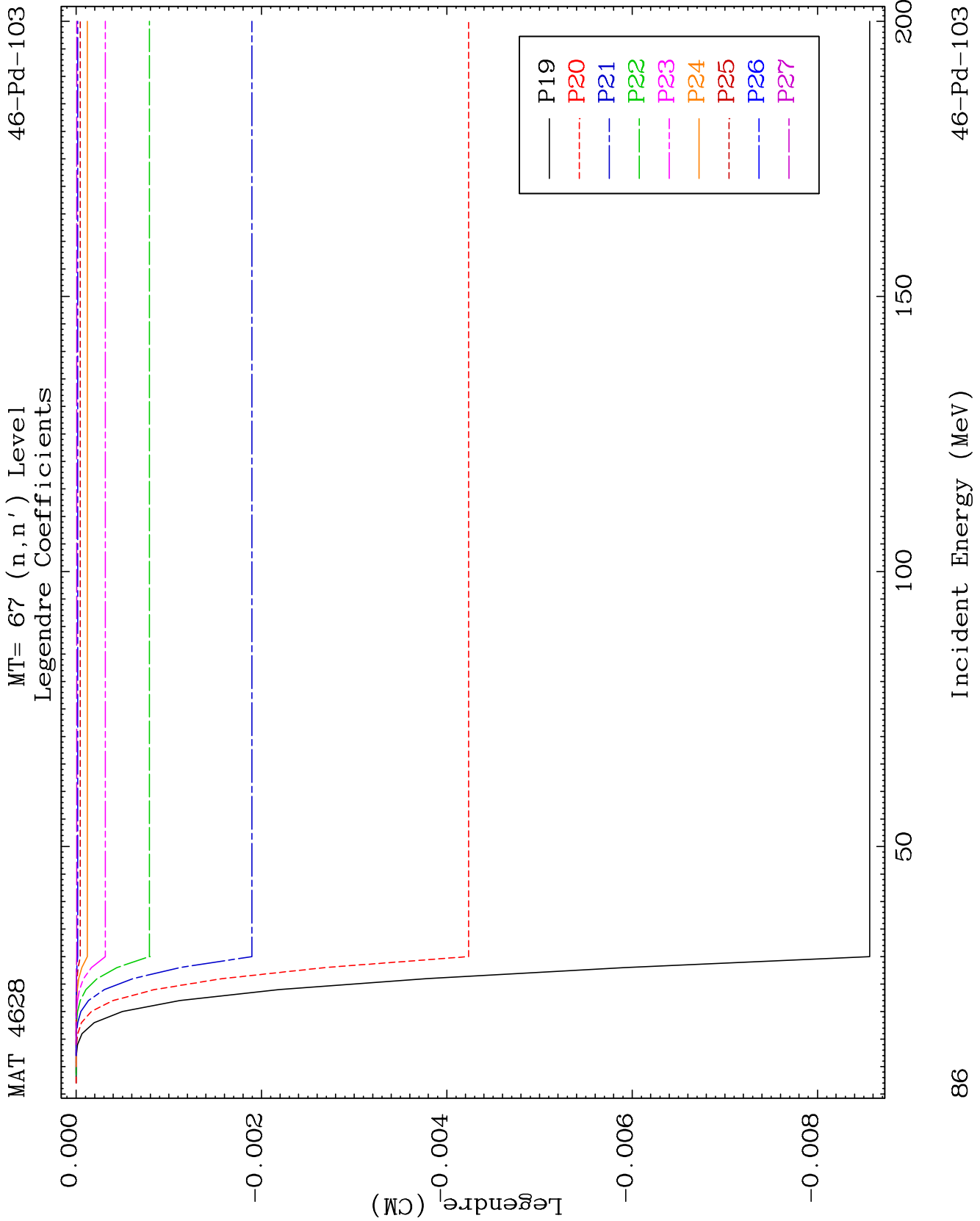
46-Pd-103



85

Incident Energy (MeV)

46-Pd-103

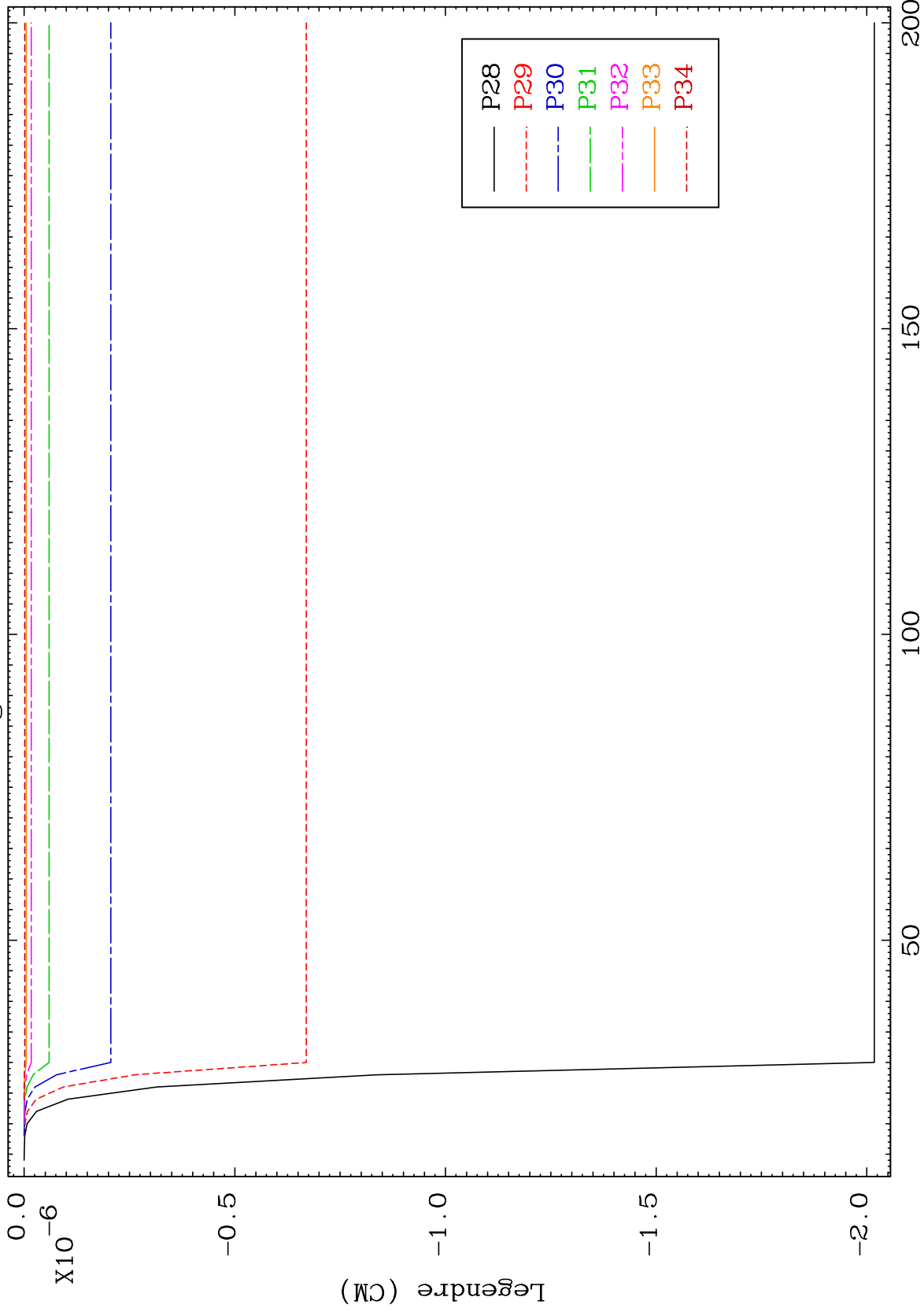


MAT 4628

MT= 67 (n,n') Level

46-Pd-103

Legendre Coefficients



87

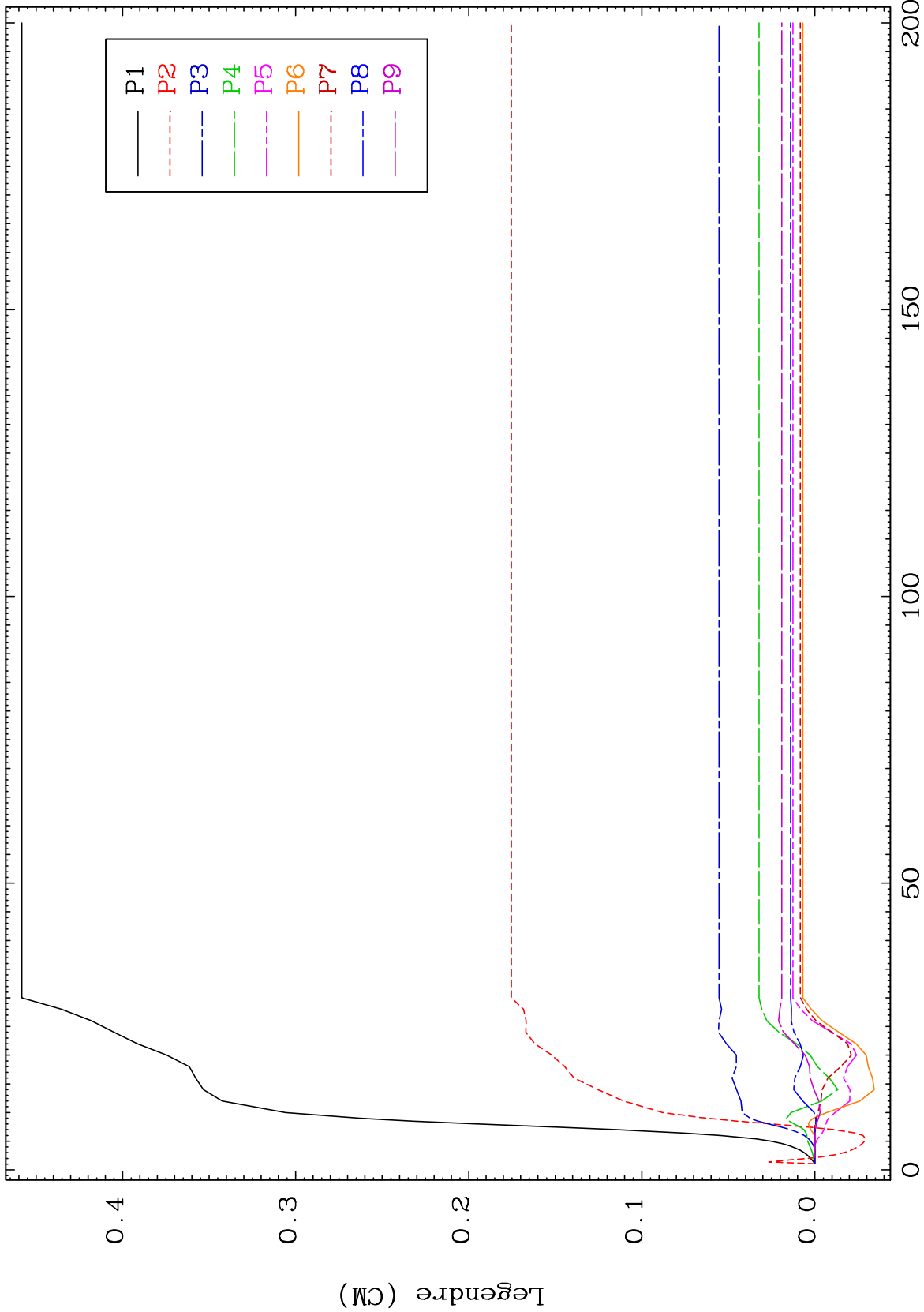
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



88

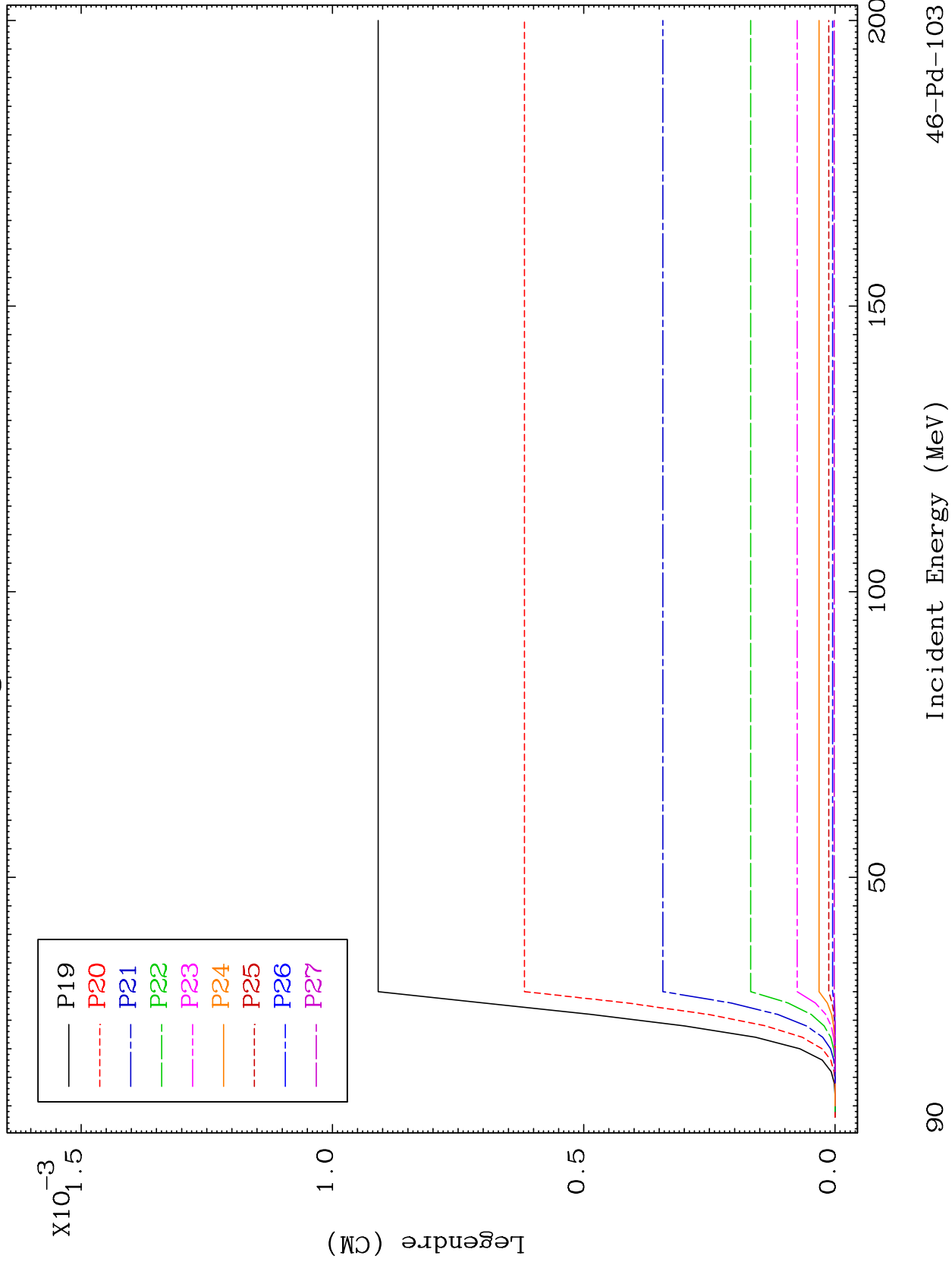
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



90

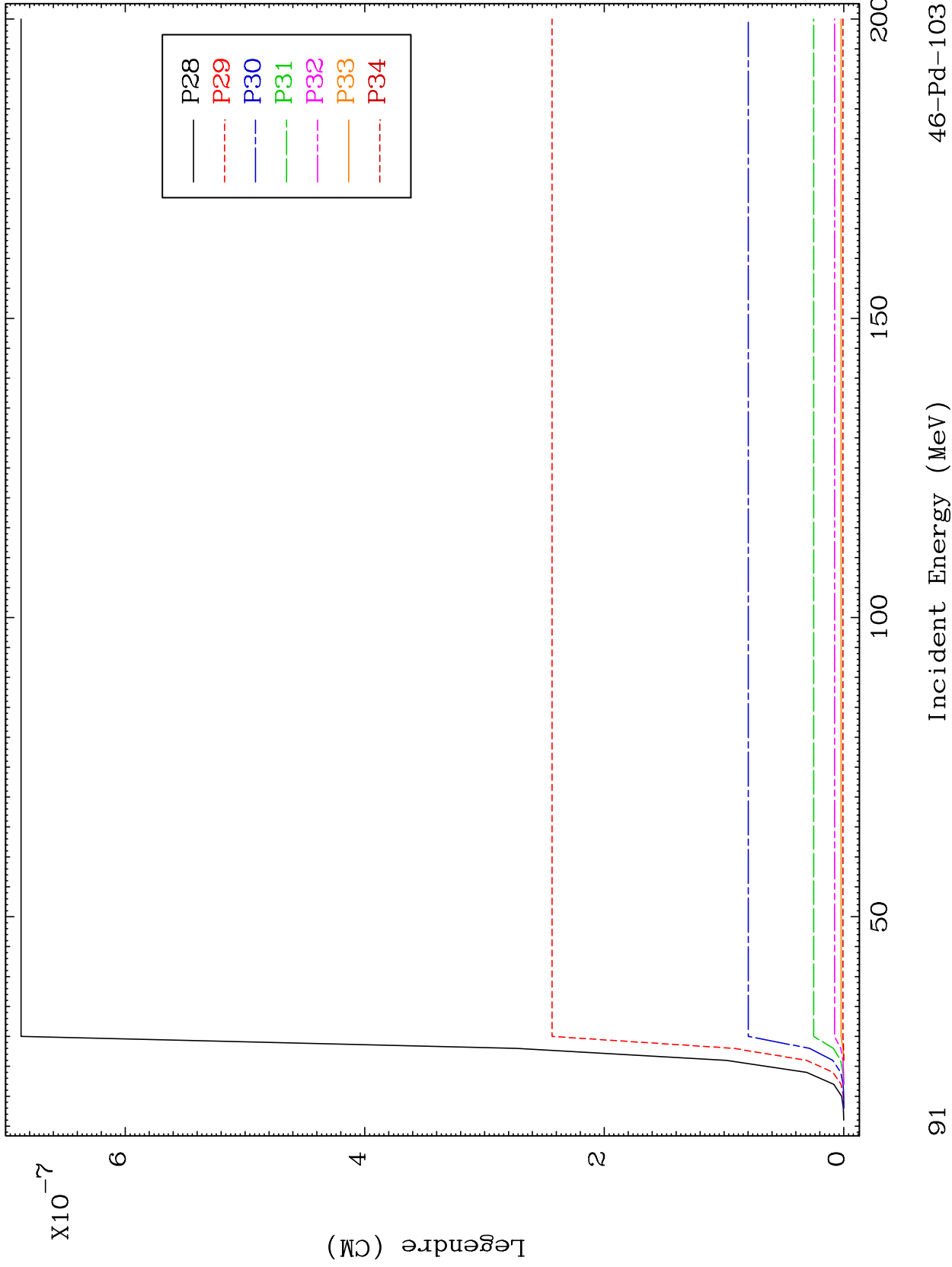
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103

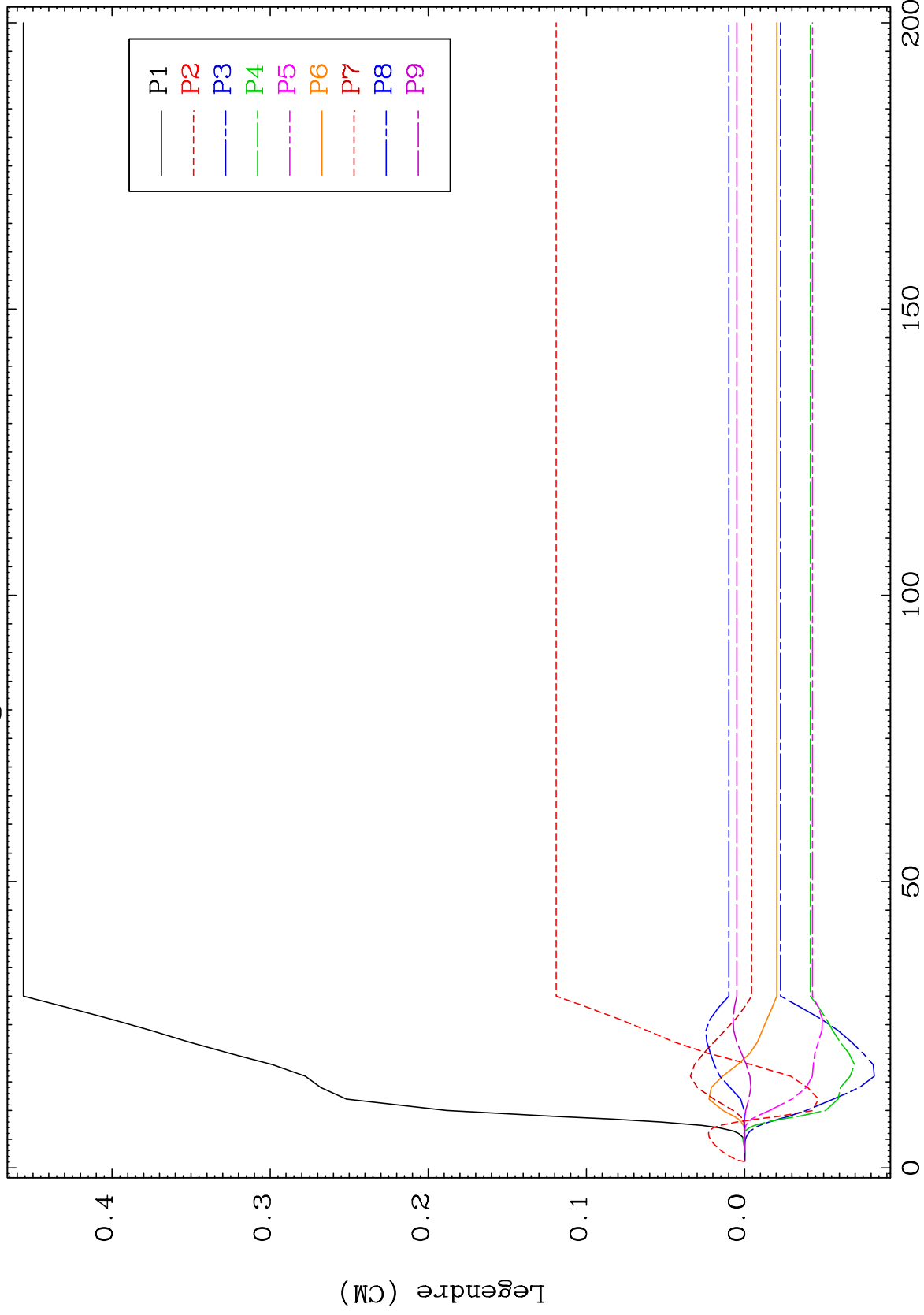


MAT 4628

MT= 69 (n,n') Level

46-Pd-103

Legendre Coefficients



92

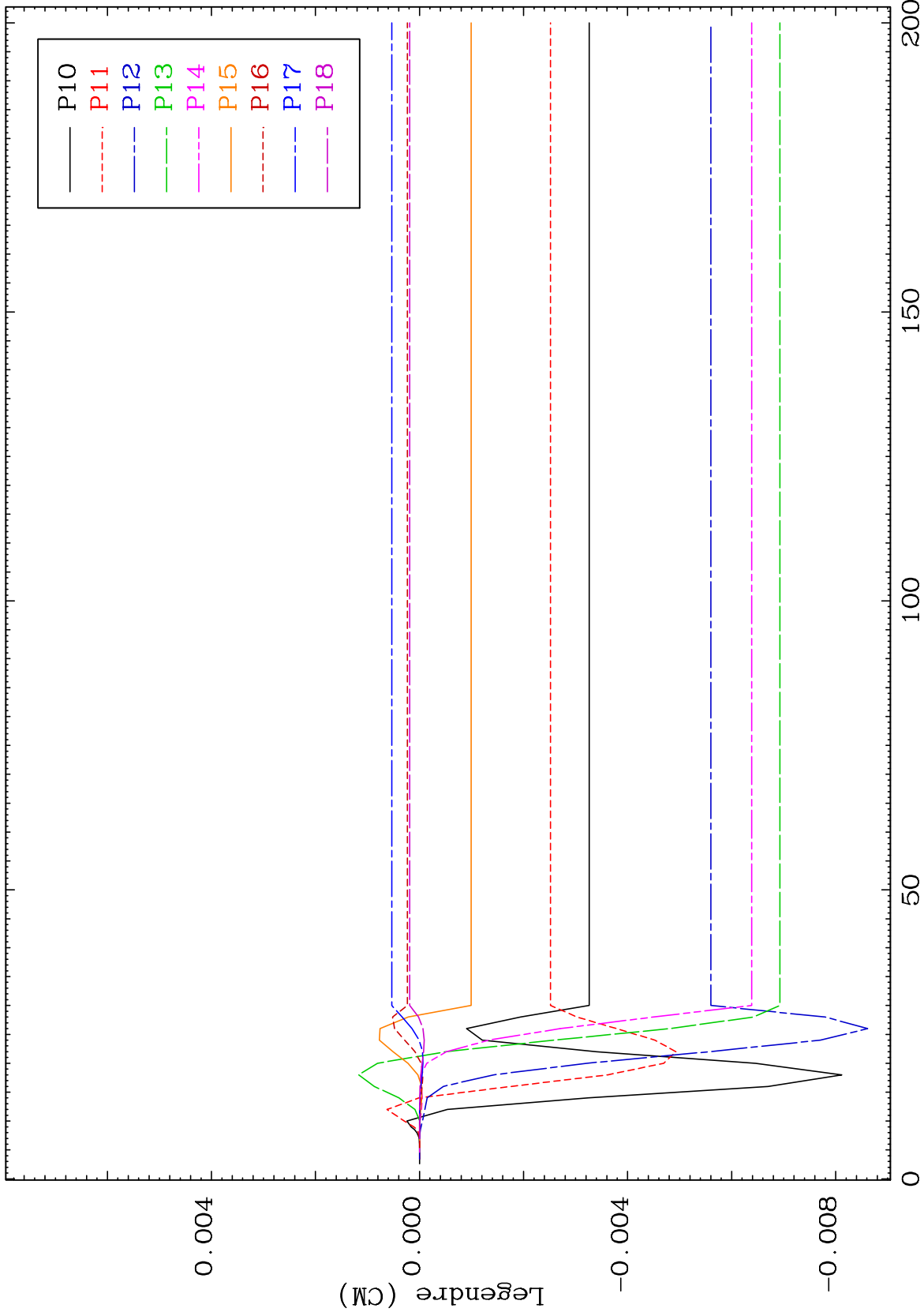
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



93

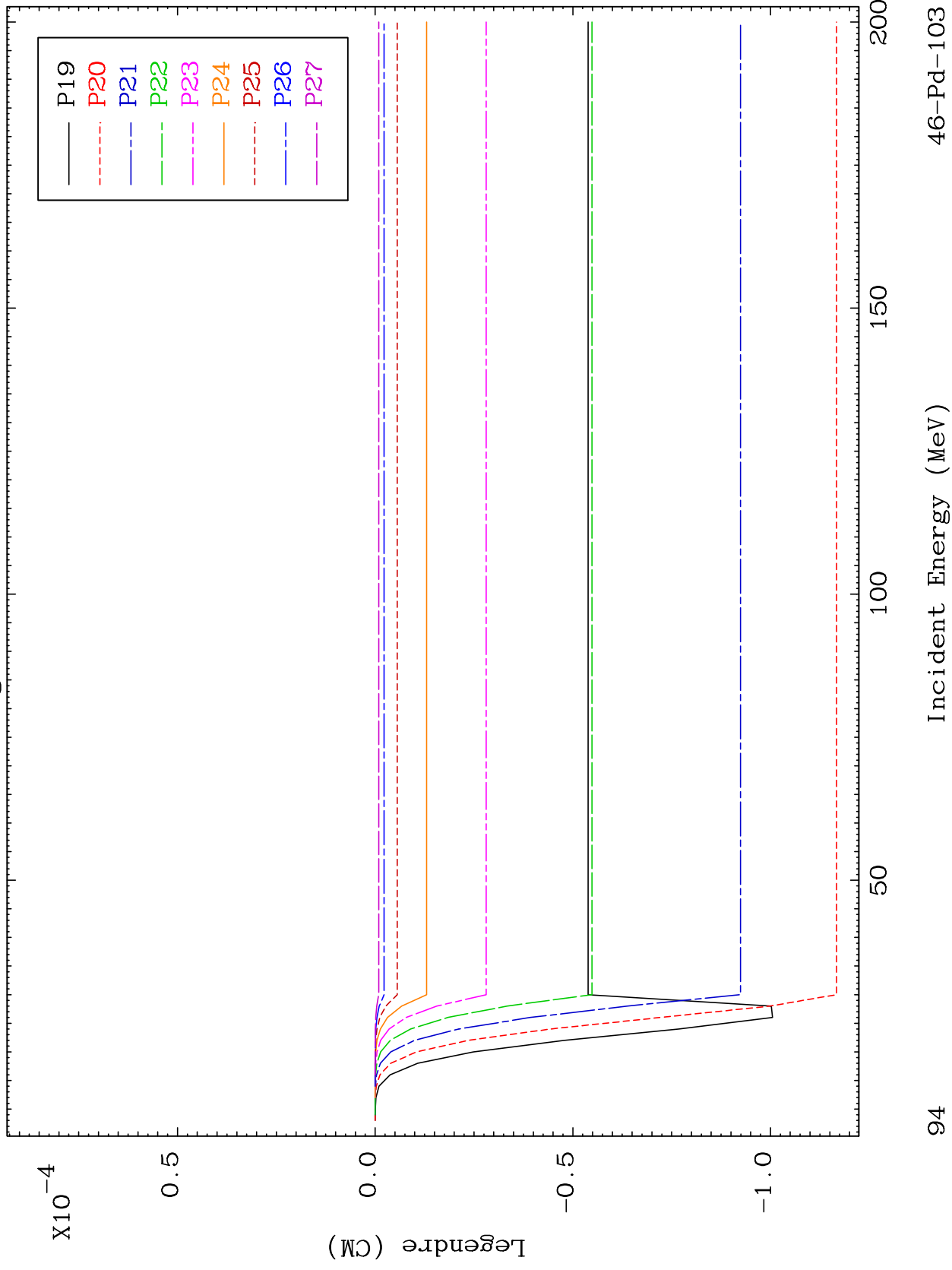
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103

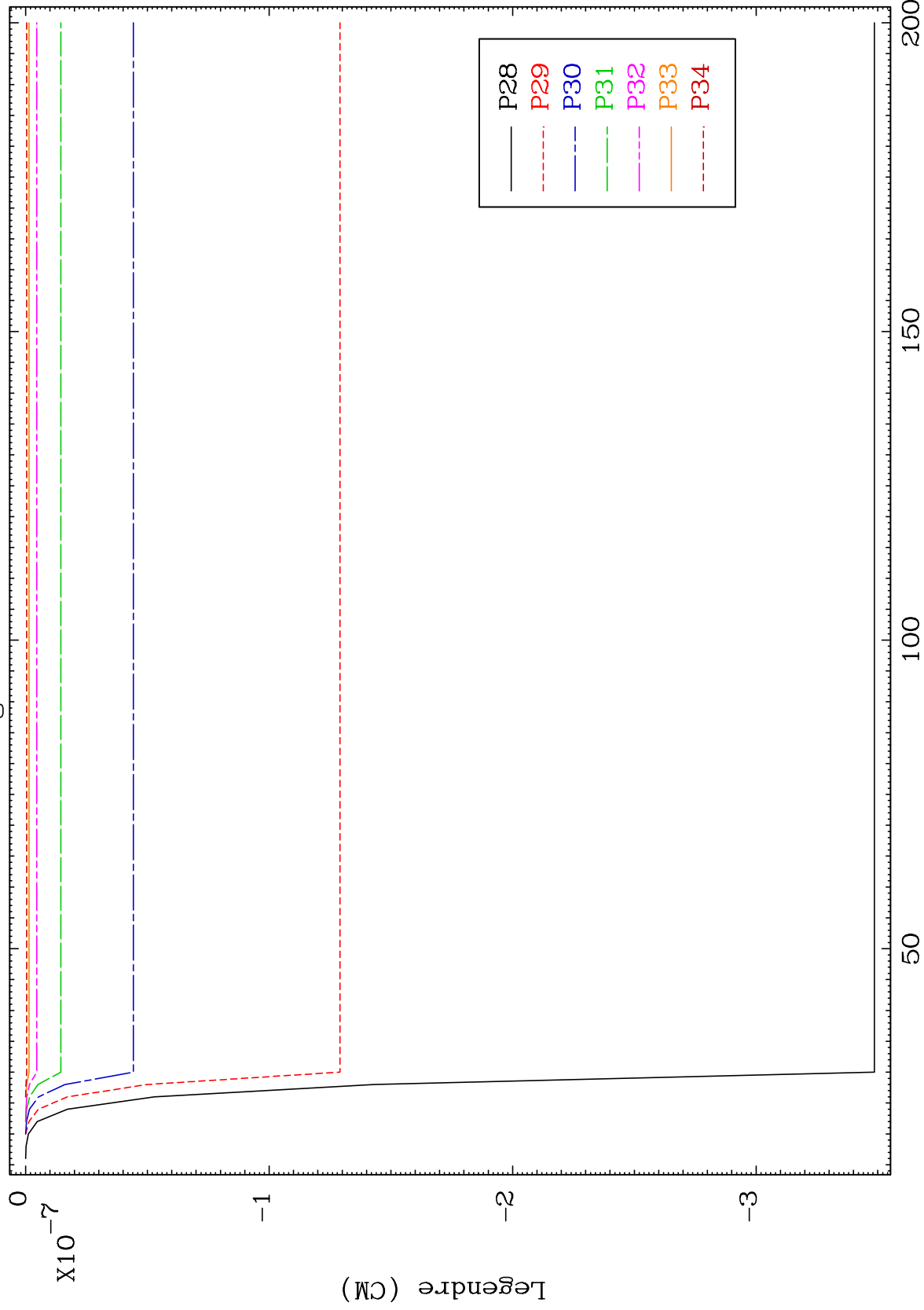


MAT 4628

MT= 69 (n,n') Level

46-Pd-103

Legendre Coefficients



95

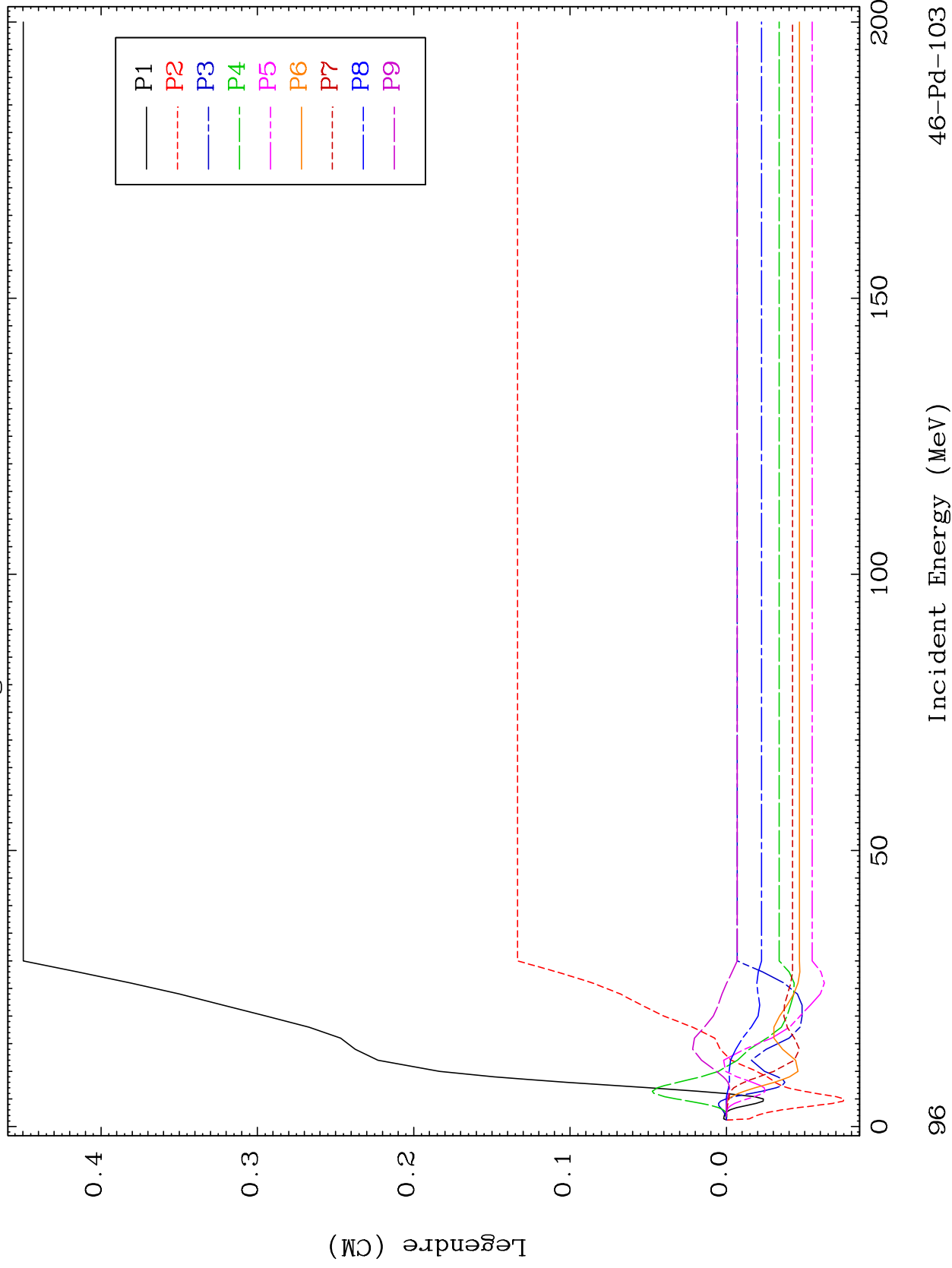
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



46-Pd-103

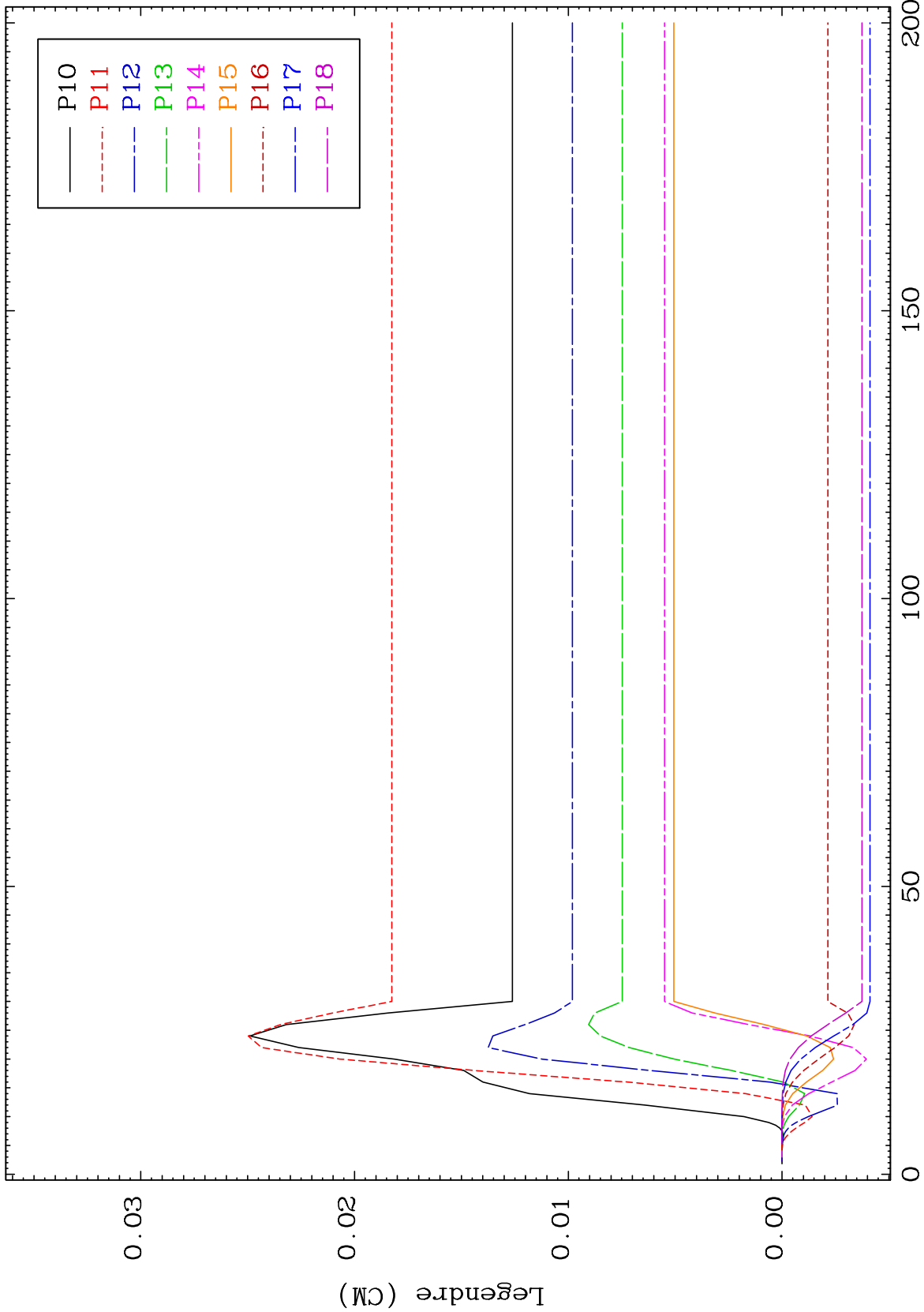
Incident Energy (MeV)

96

MAT 4628

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

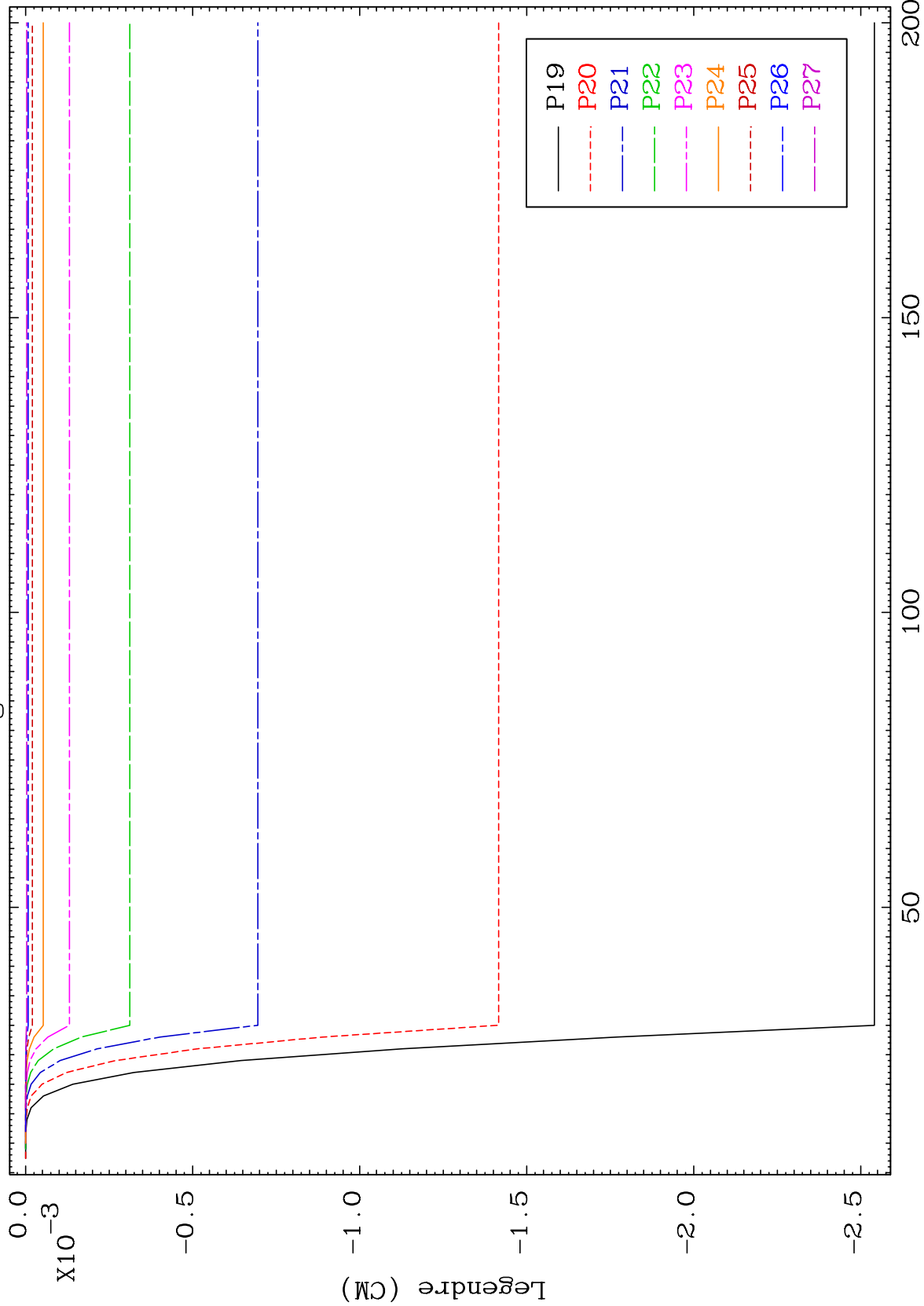
46-Pd-103



97

Incident Energy (MeV)

46-Pd-103

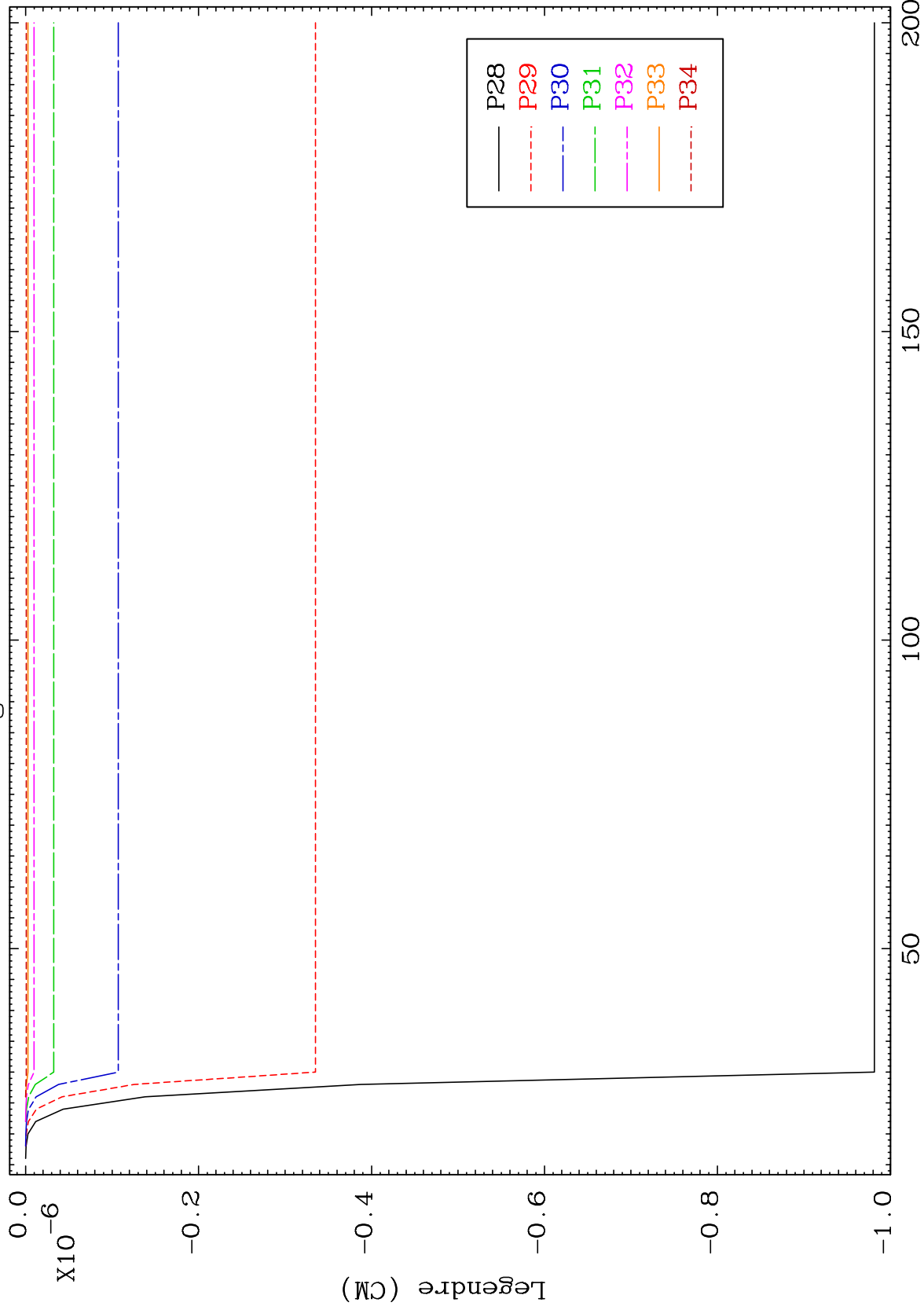


MAT 4628

MT= 70 (n,n') Level

46-Pd-103

Legendre Coefficients



99

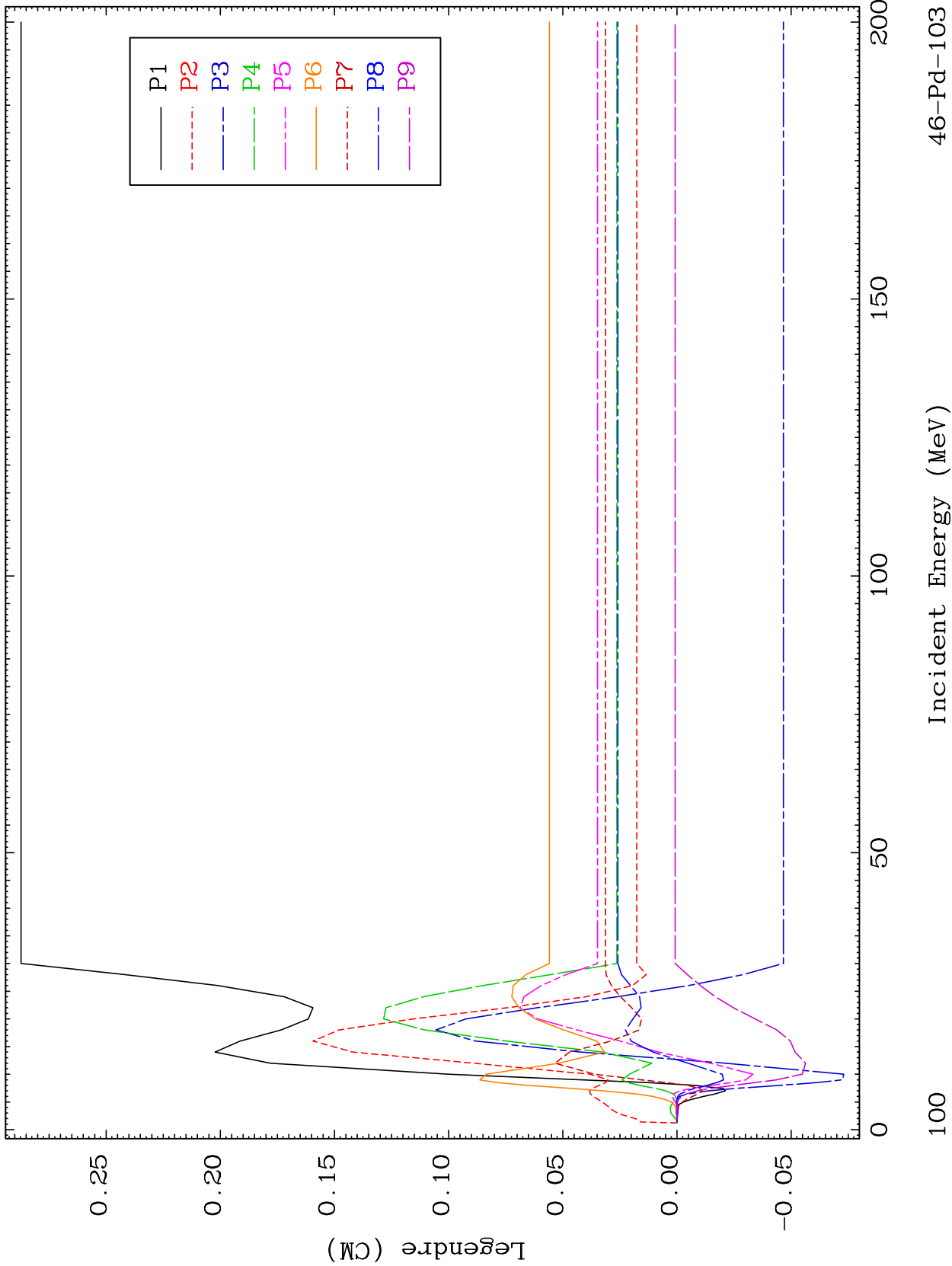
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



46-Pd-103

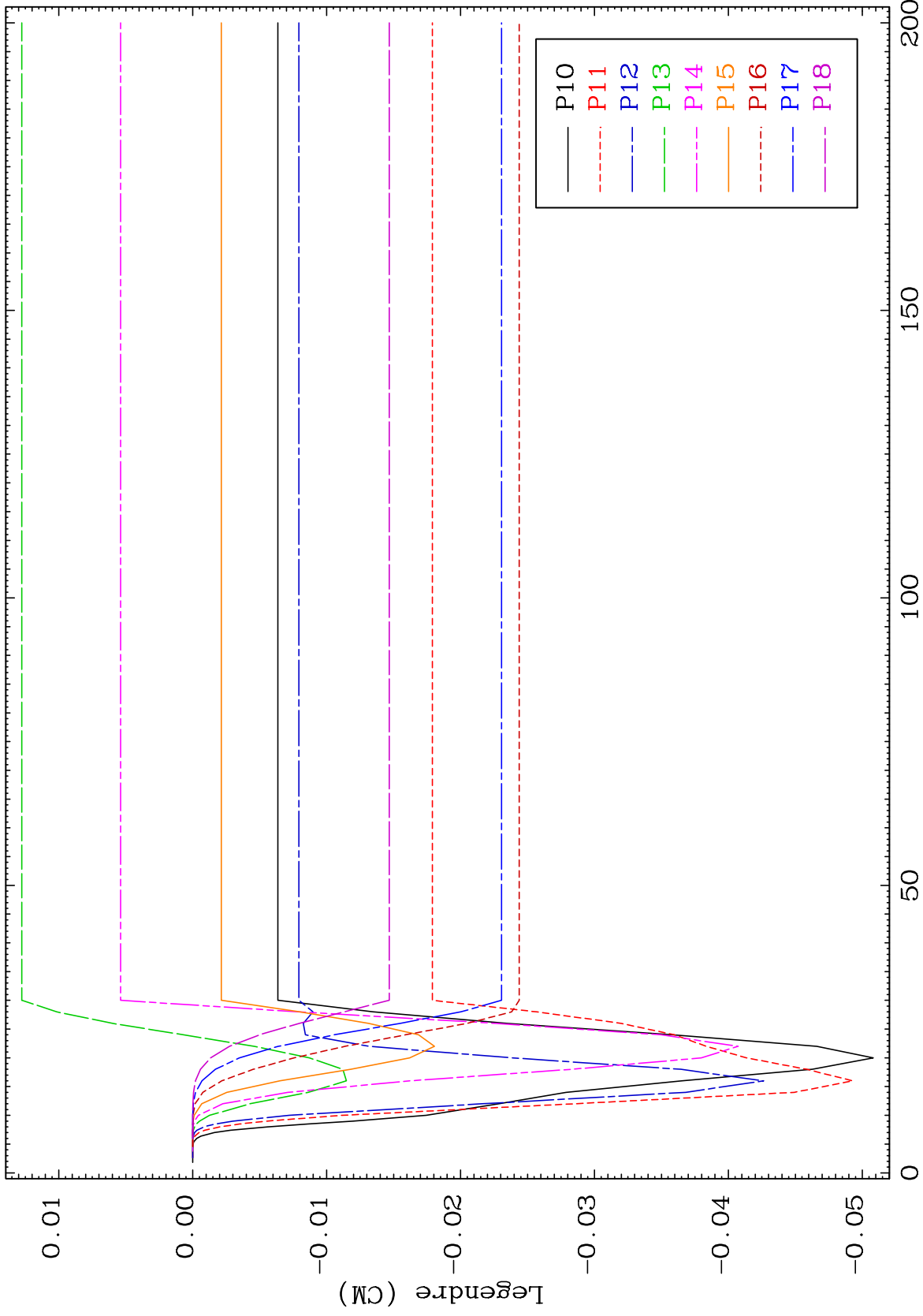
Incident Energy (MeV)

100

MAT 4628

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

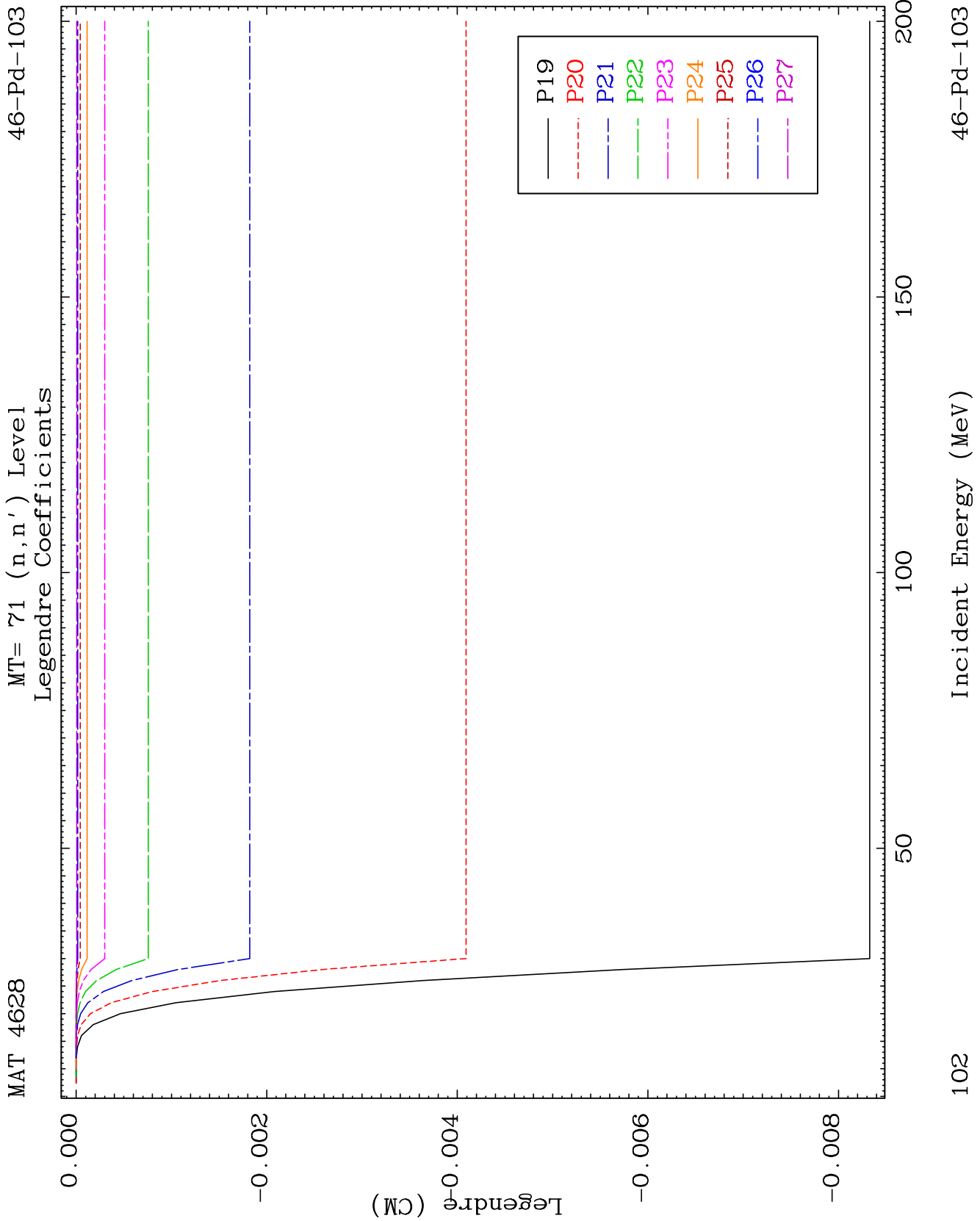
46-Pd-103

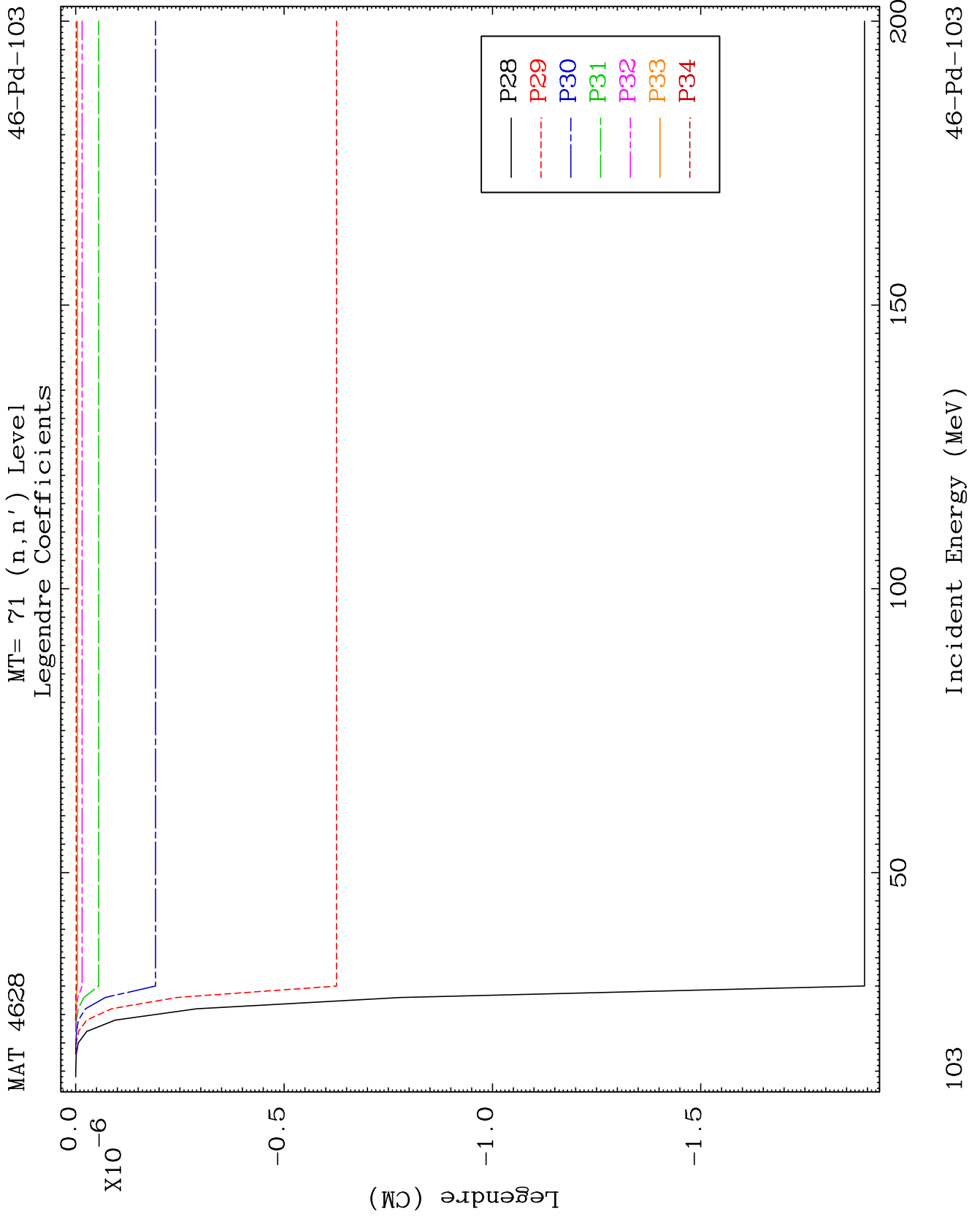


101

Incident Energy (MeV)

46-Pd-103

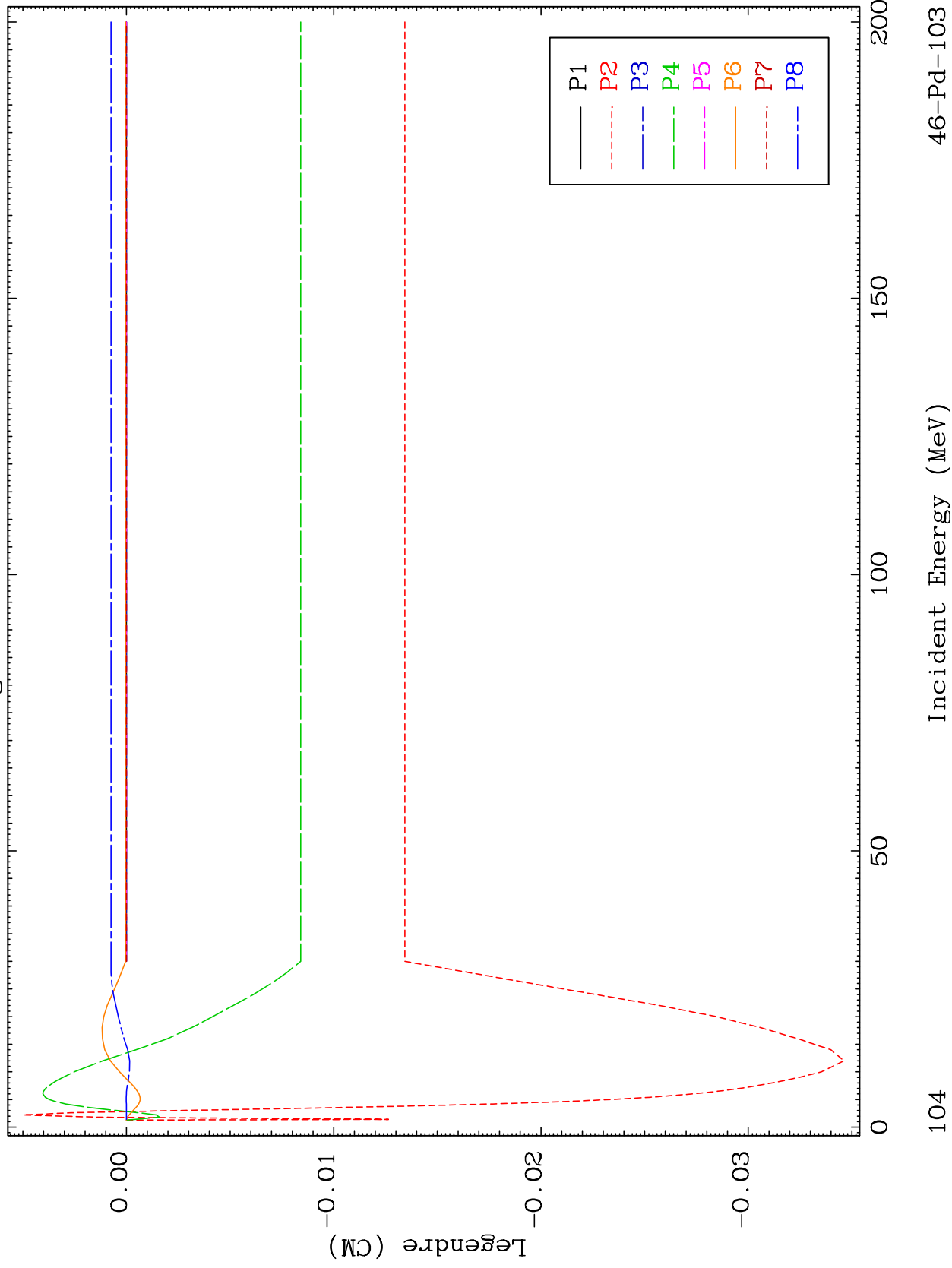




MAT 4628

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

46-Pd-103



46-Pd-103

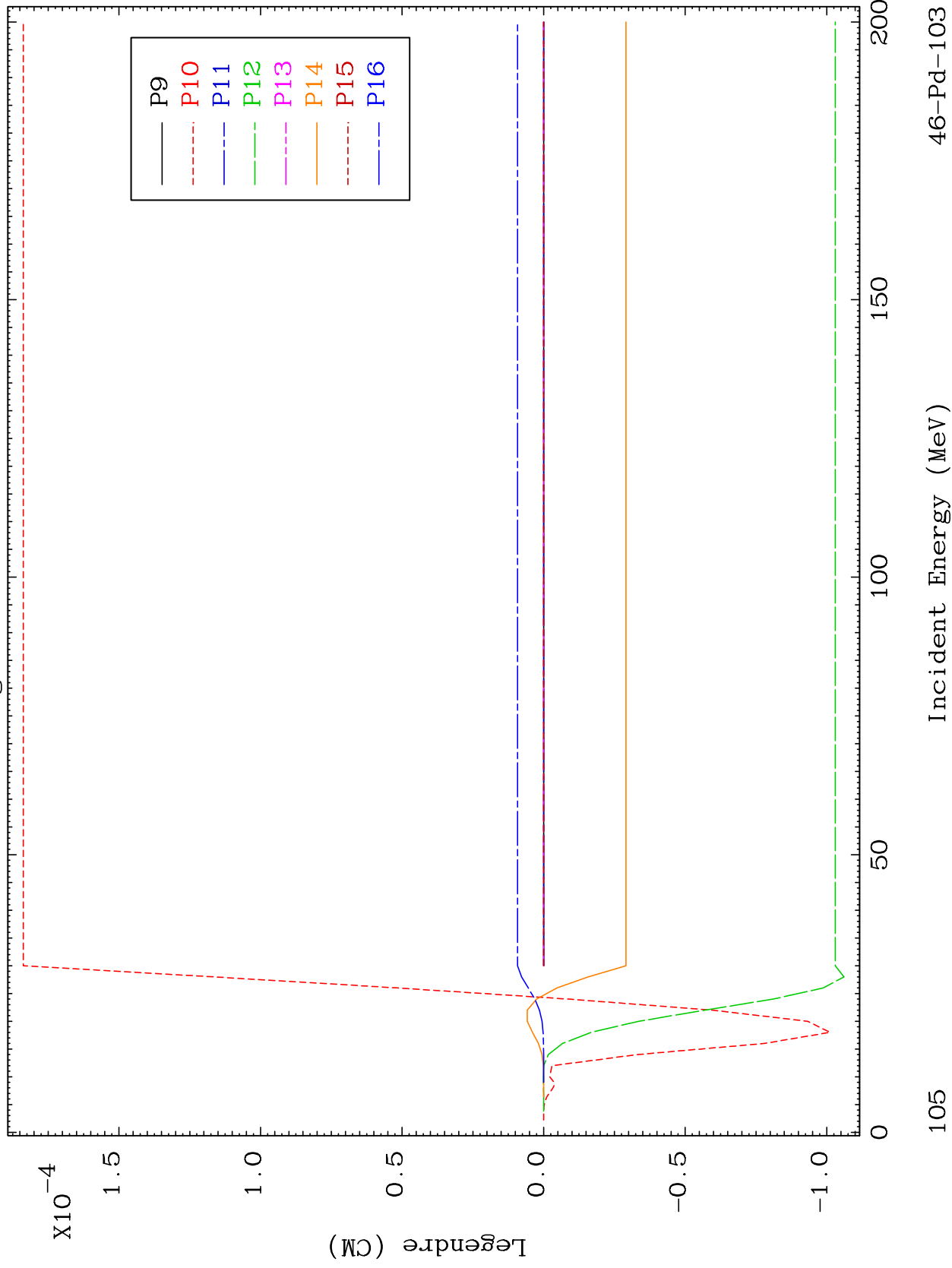
Incident Energy (MeV)

104

MAT 4628

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

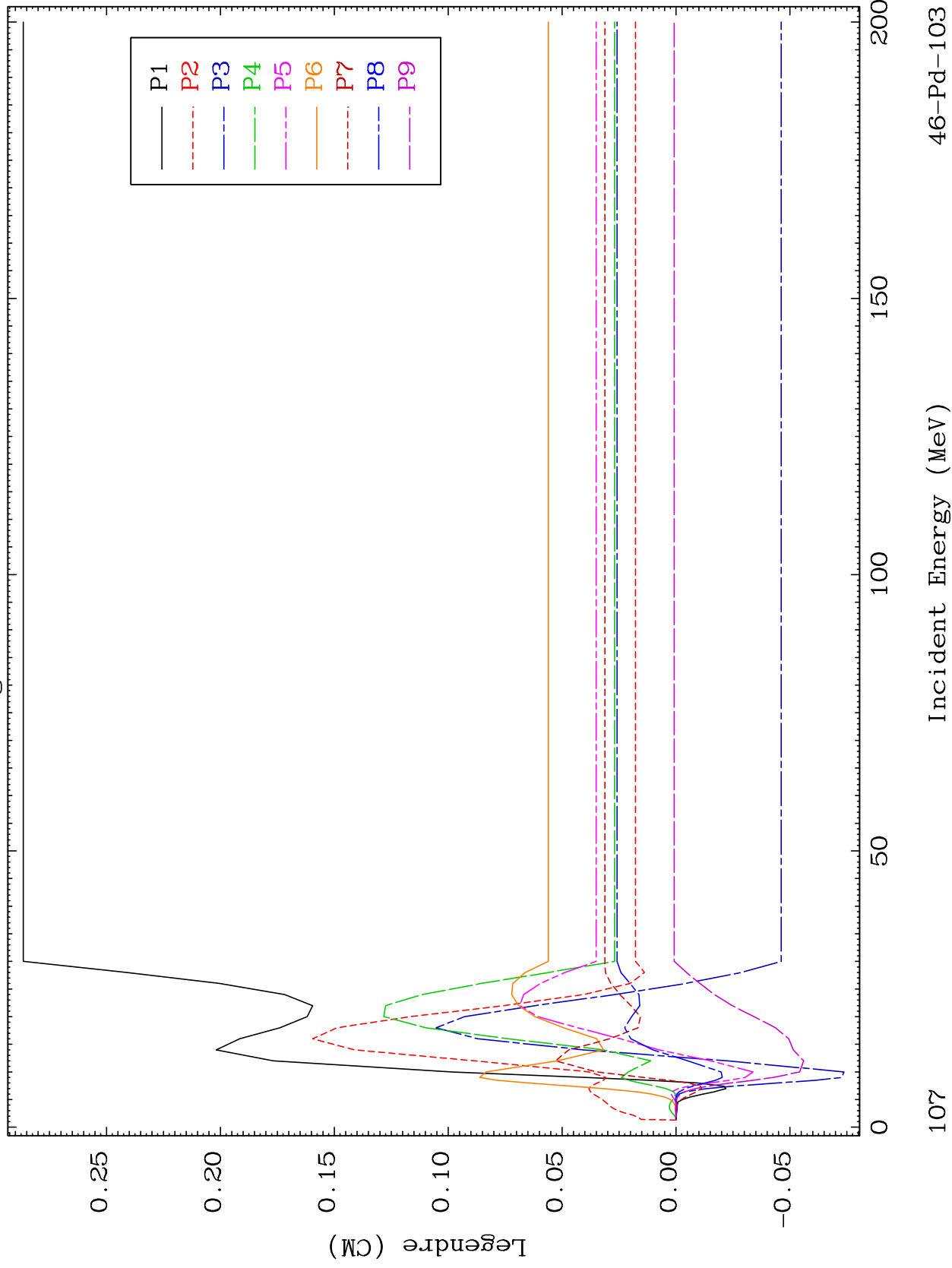
46-Pd-103



MAT 4628

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

46-Pd-103



46-Pd-103

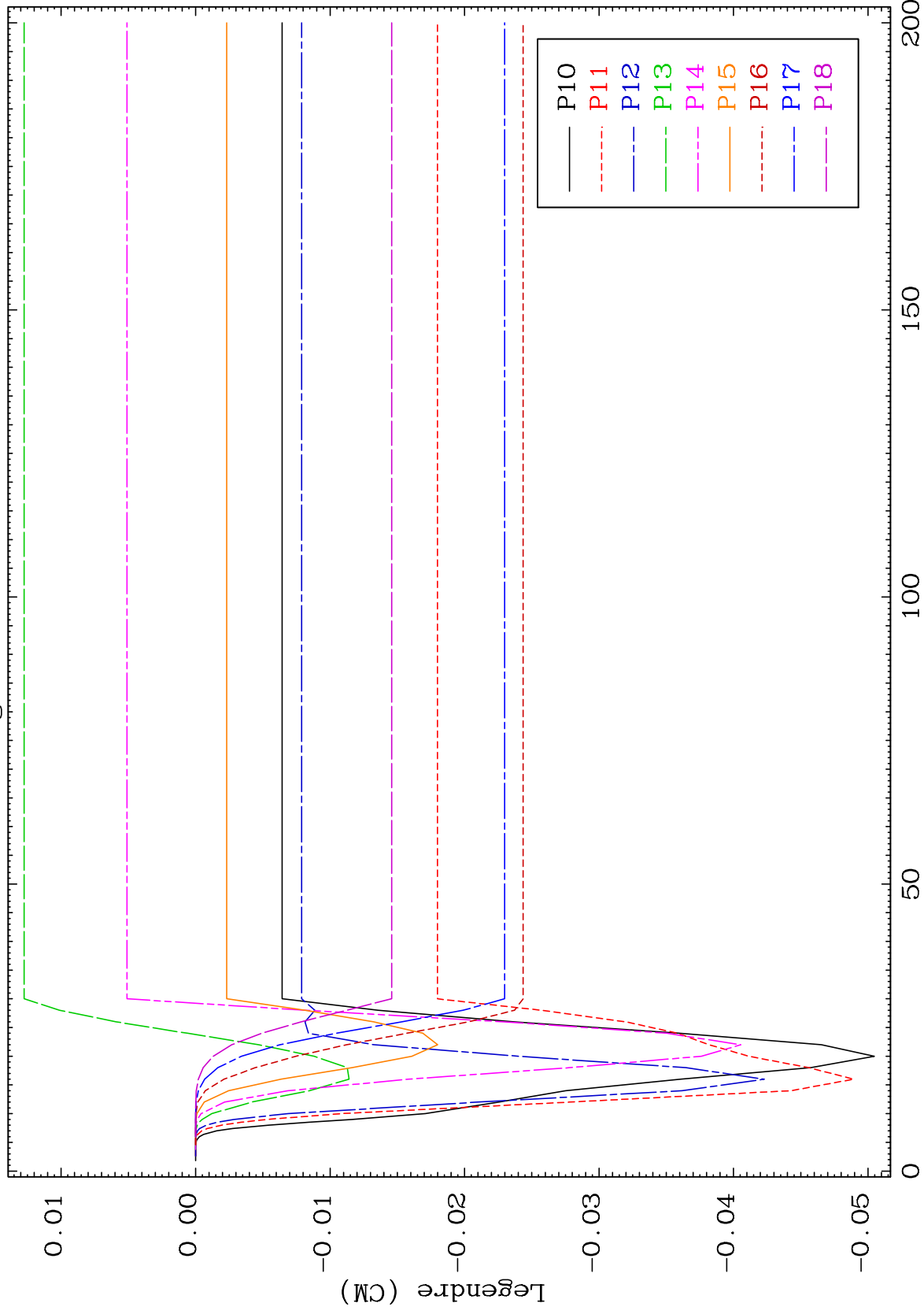
Incident Energy (MeV)

107

MAT 4628

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

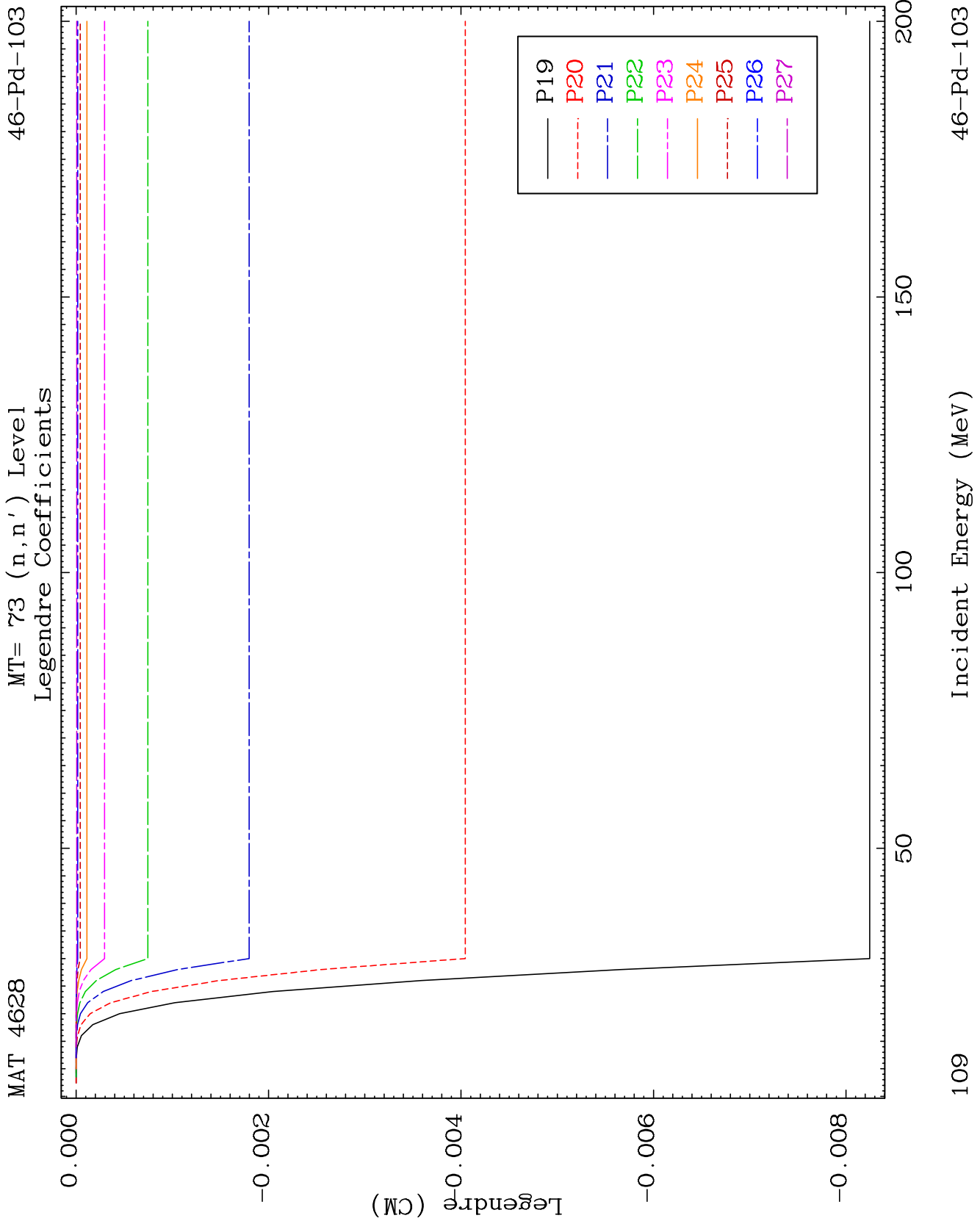
46-Pd-103

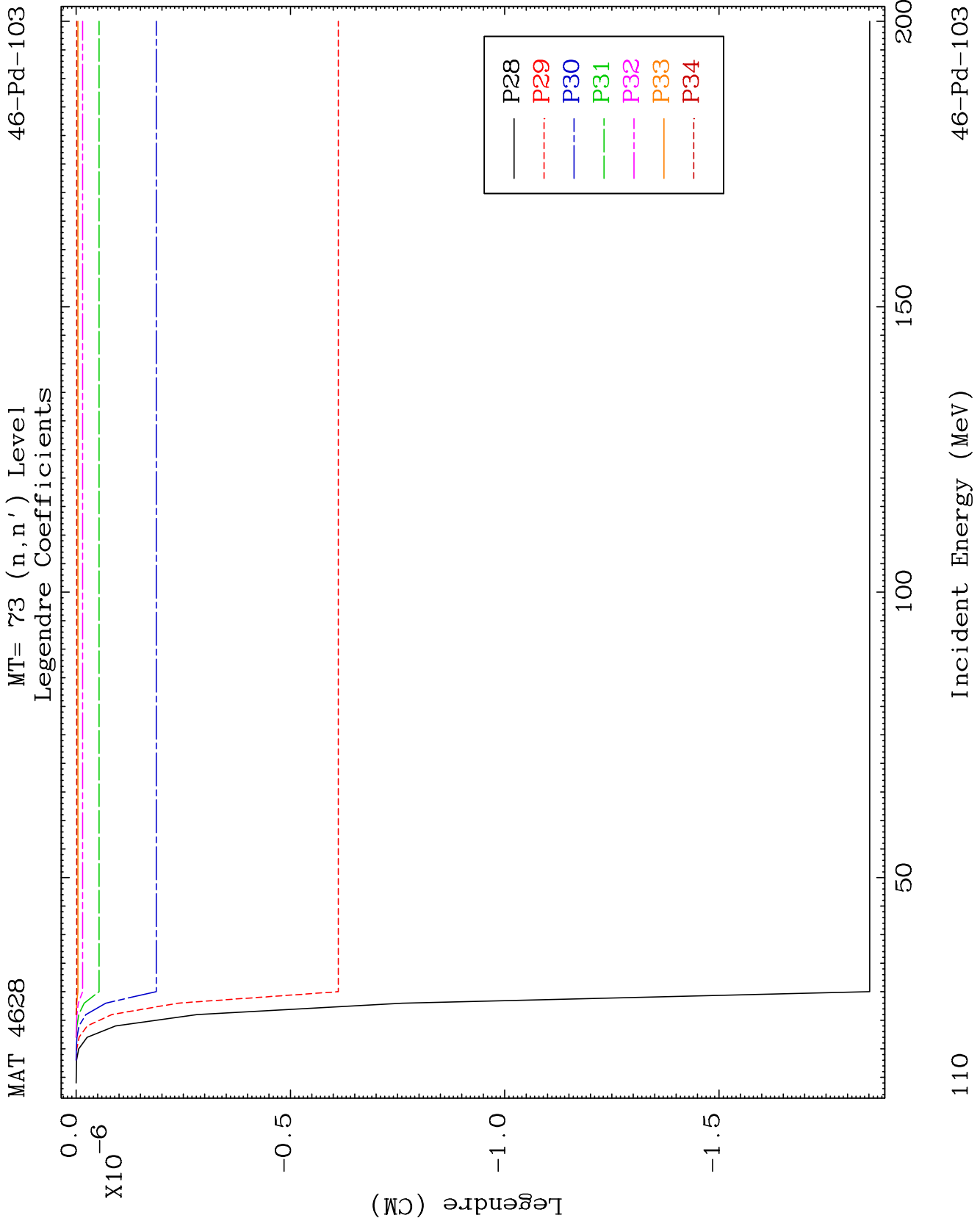


108

Incident Energy (MeV)

46-Pd-103

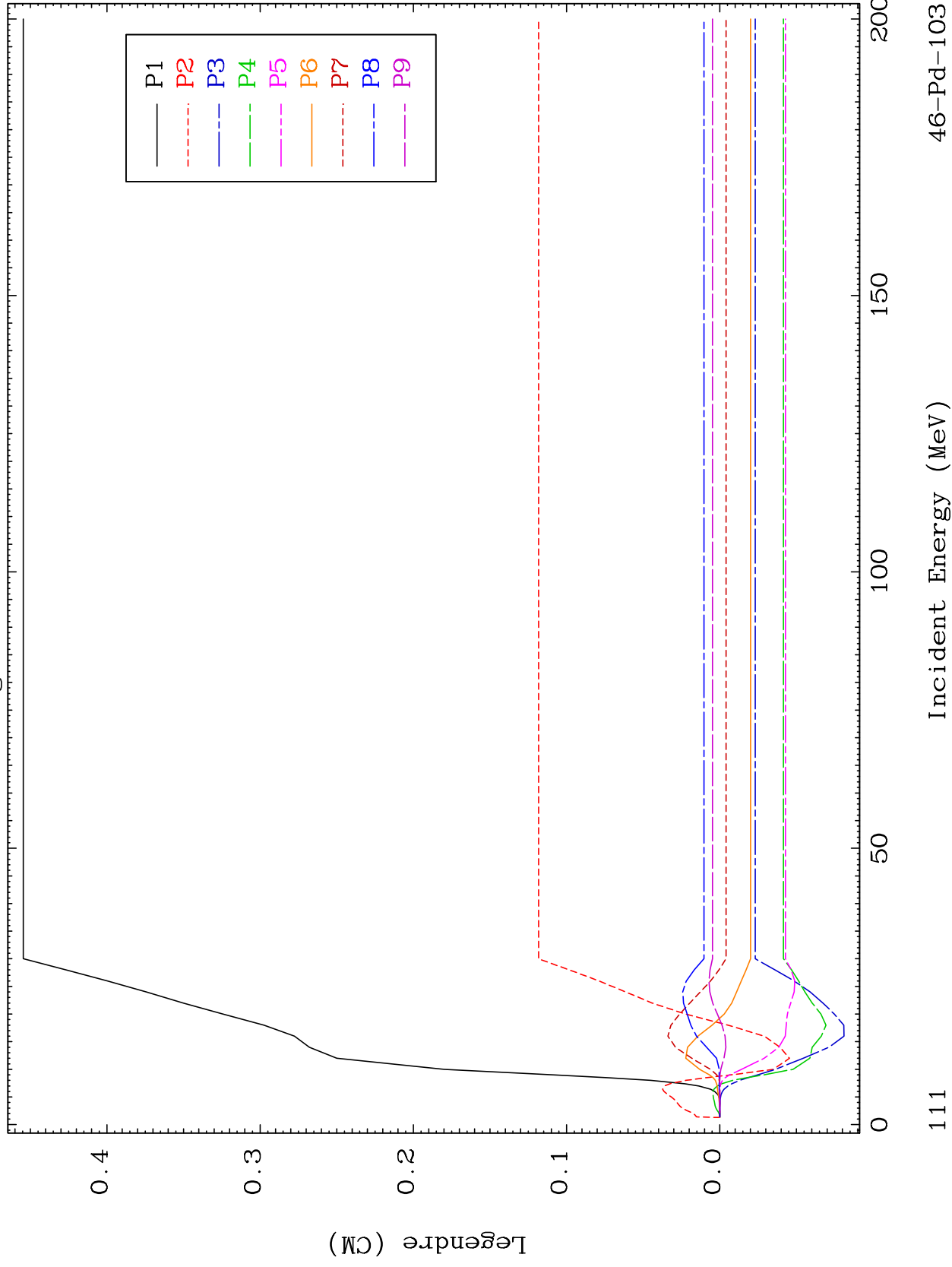




MAT 4628

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

46-Pd-103



46-Pd-103

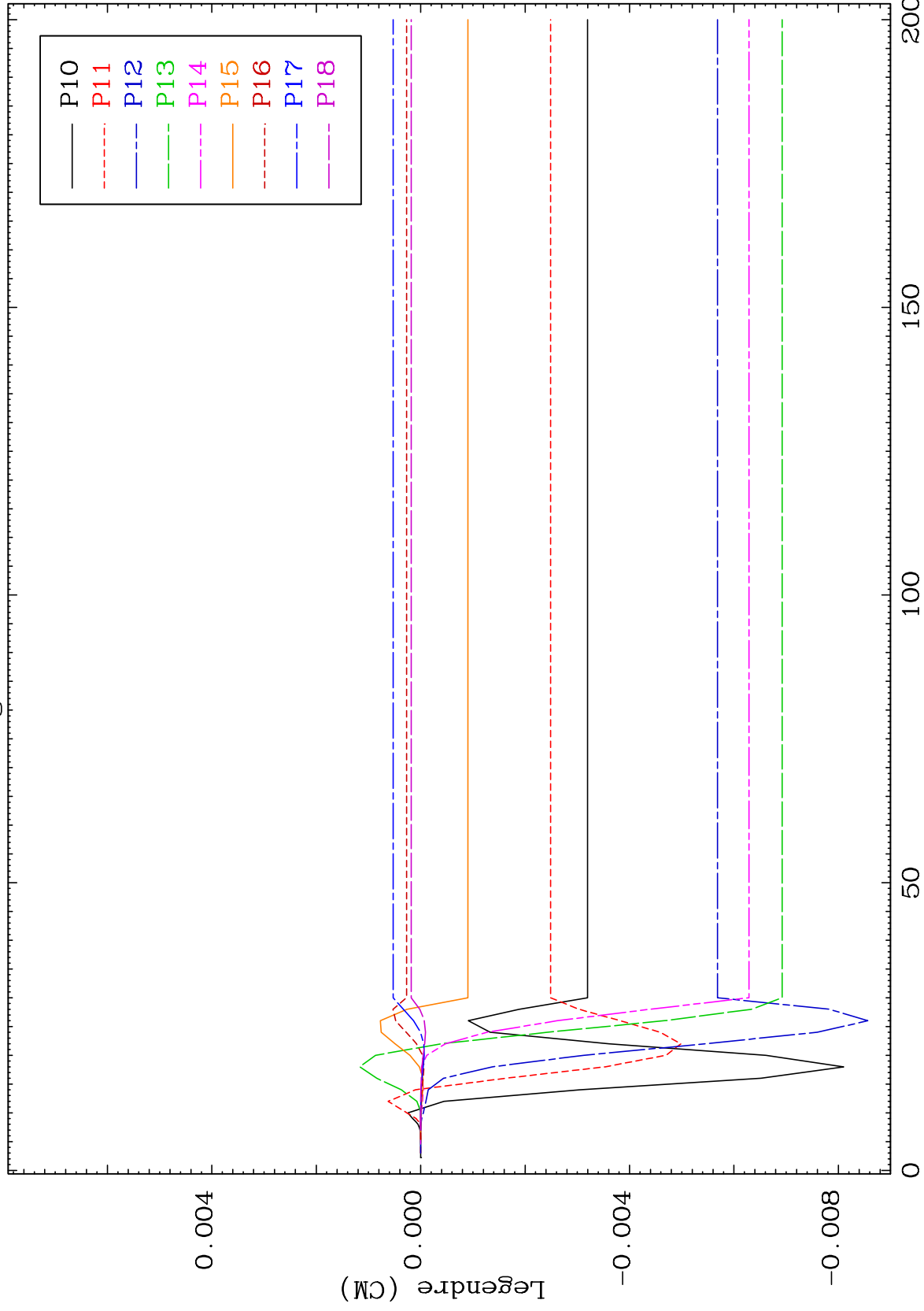
Incident Energy (MeV)

111

MAT 4628

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

46-Pd-103



112

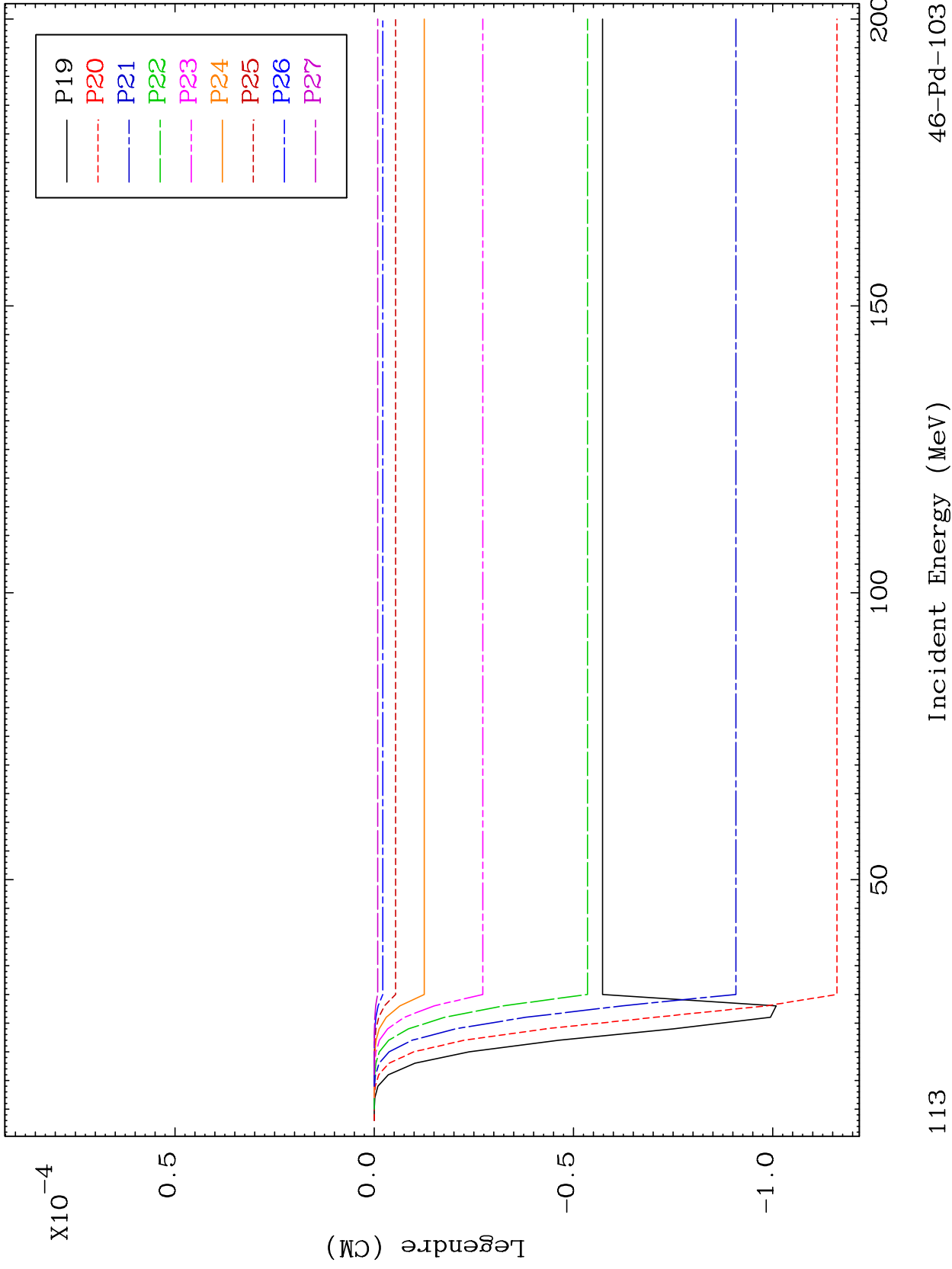
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



113

Incident Energy (MeV)

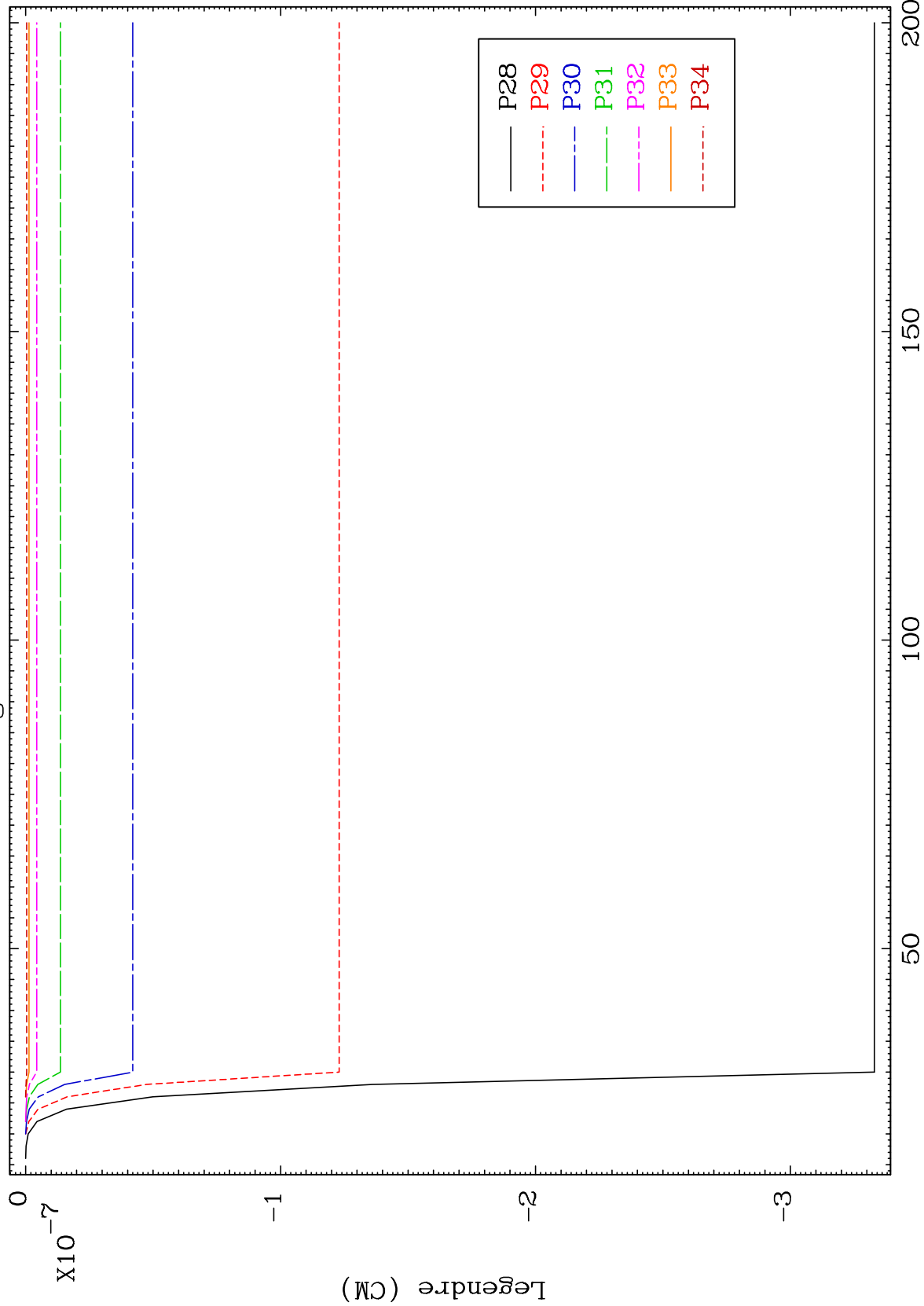
46-Pd-103

MAT 4628

MT= 74 (n,n') Level

46-Pd-103

Legendre Coefficients



114

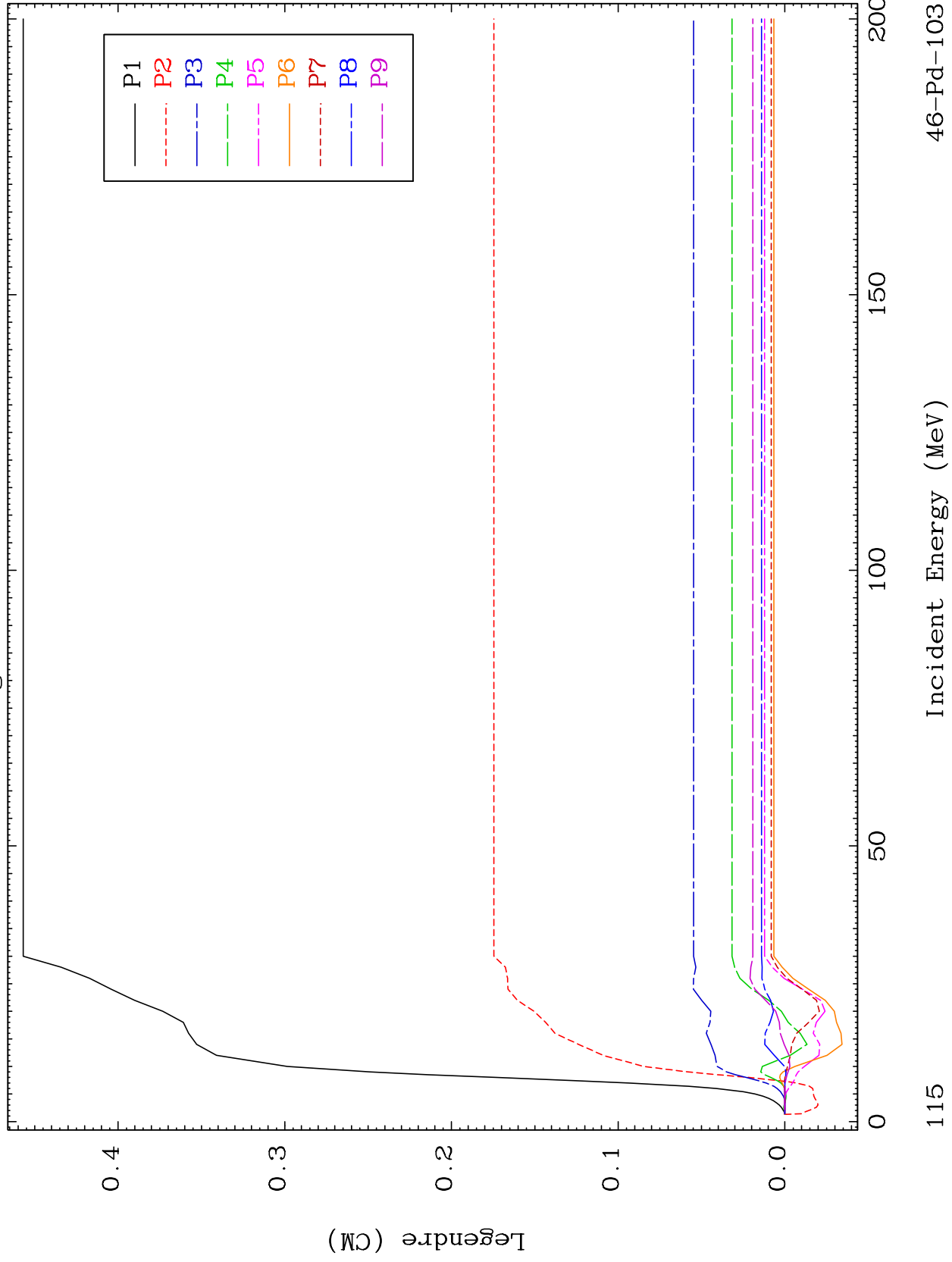
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

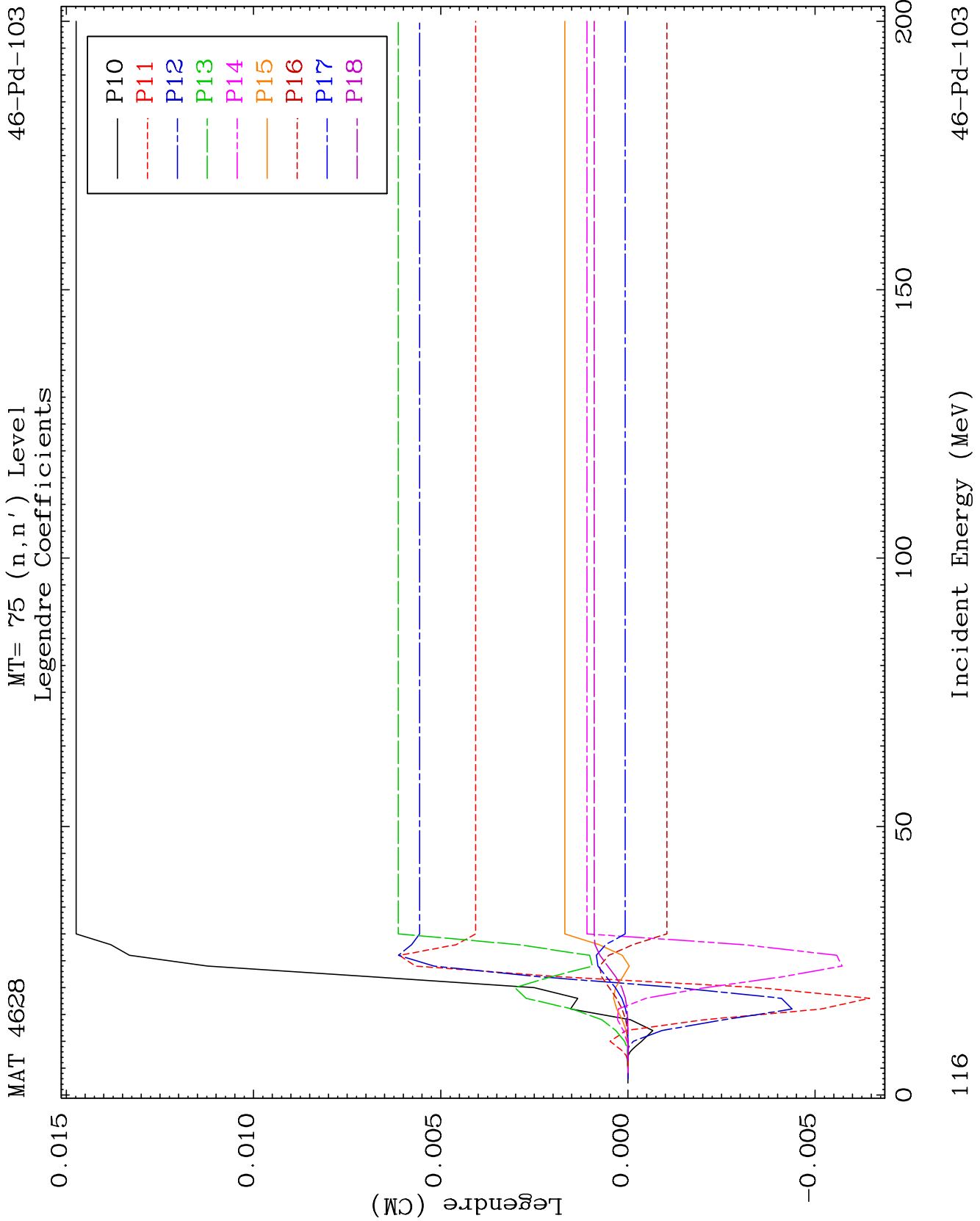
46-Pd-103



46-Pd-103

Incident Energy (MeV)

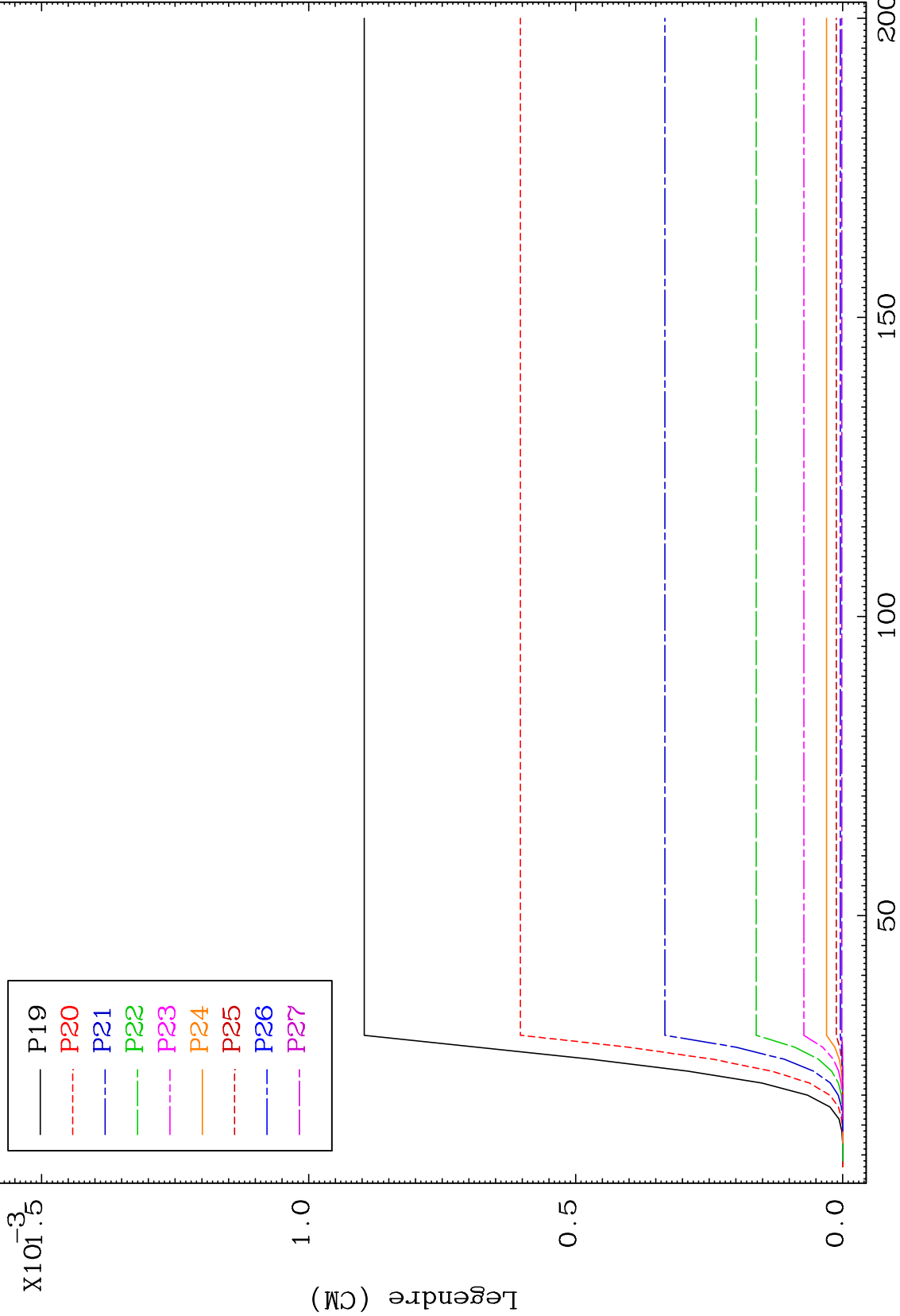
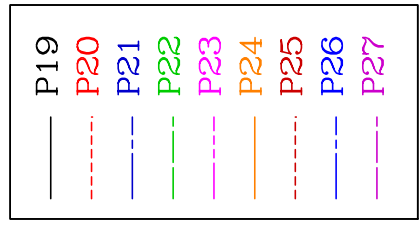
115



MAT 4628

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

46-Pd-103



117

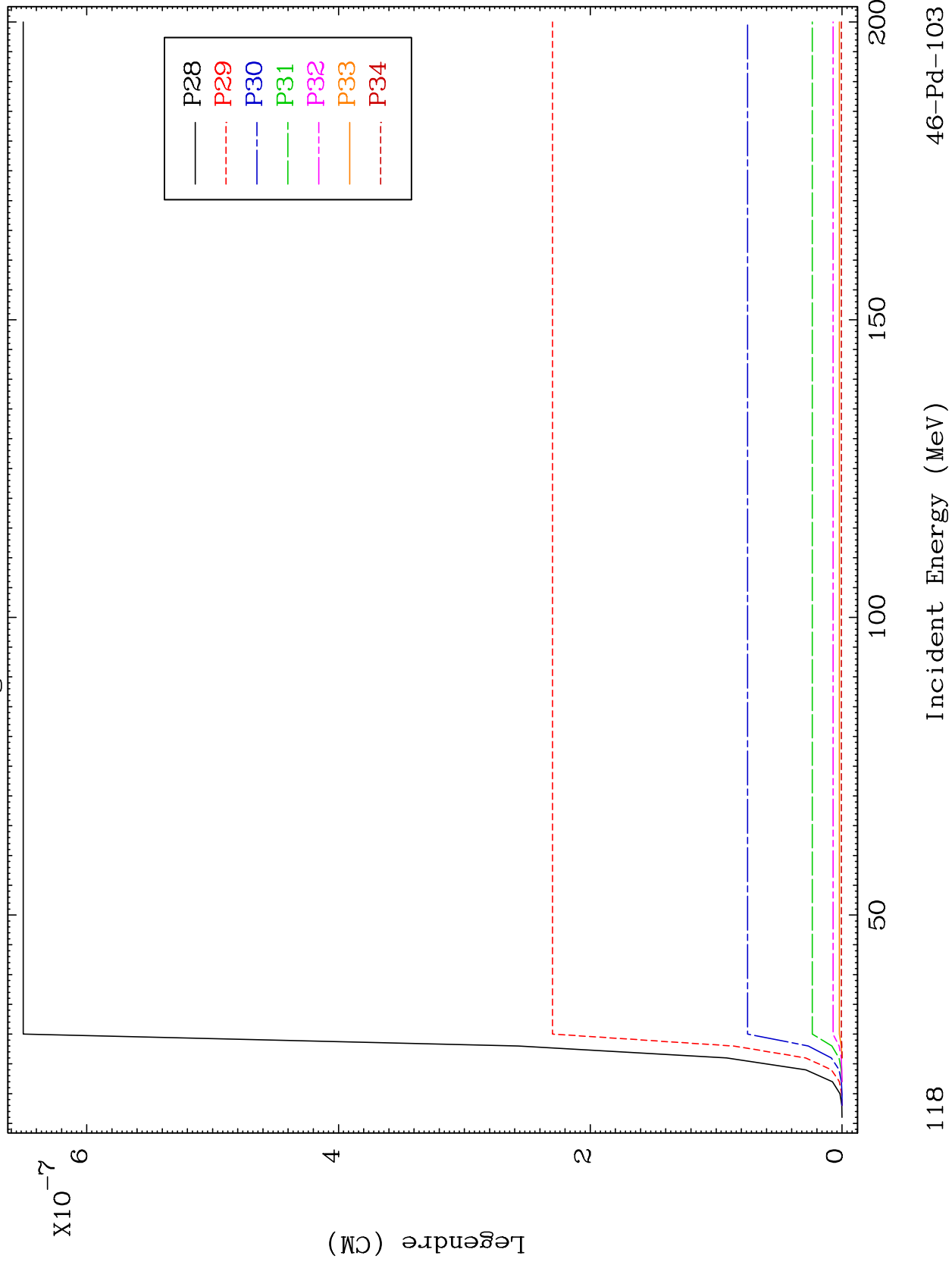
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



118

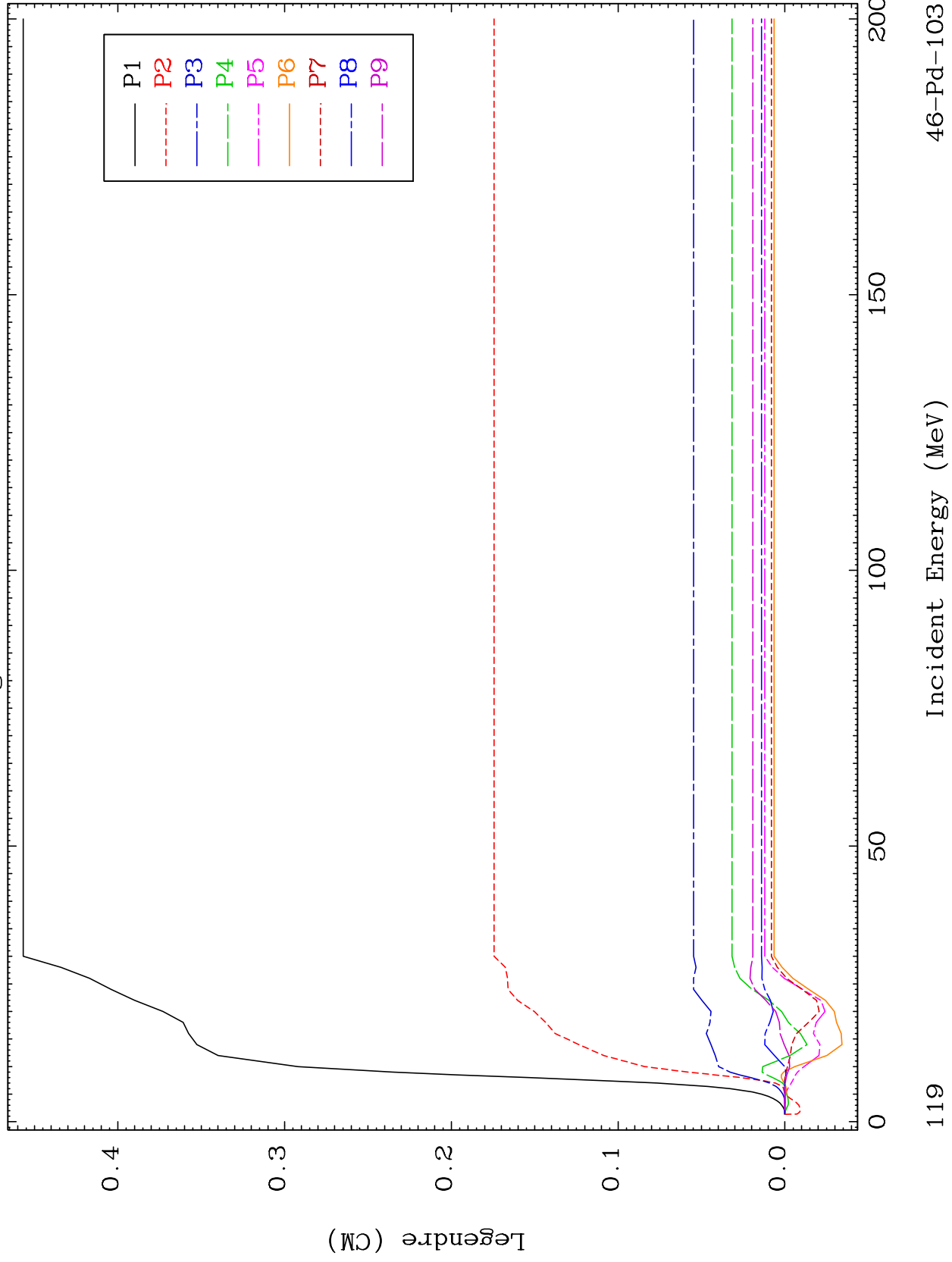
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

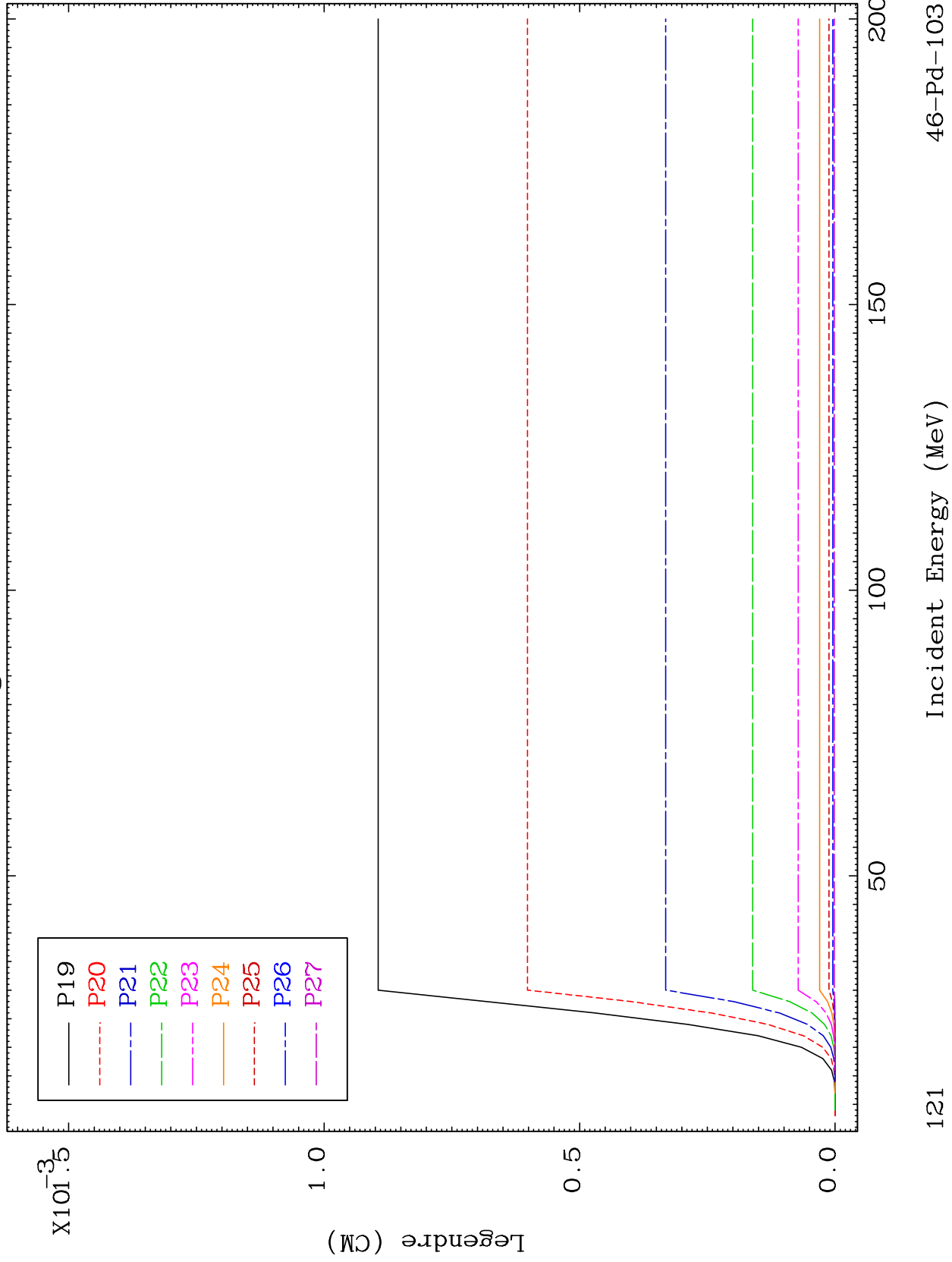
46-Pd-103



MAT 4628

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

46-Pd-103

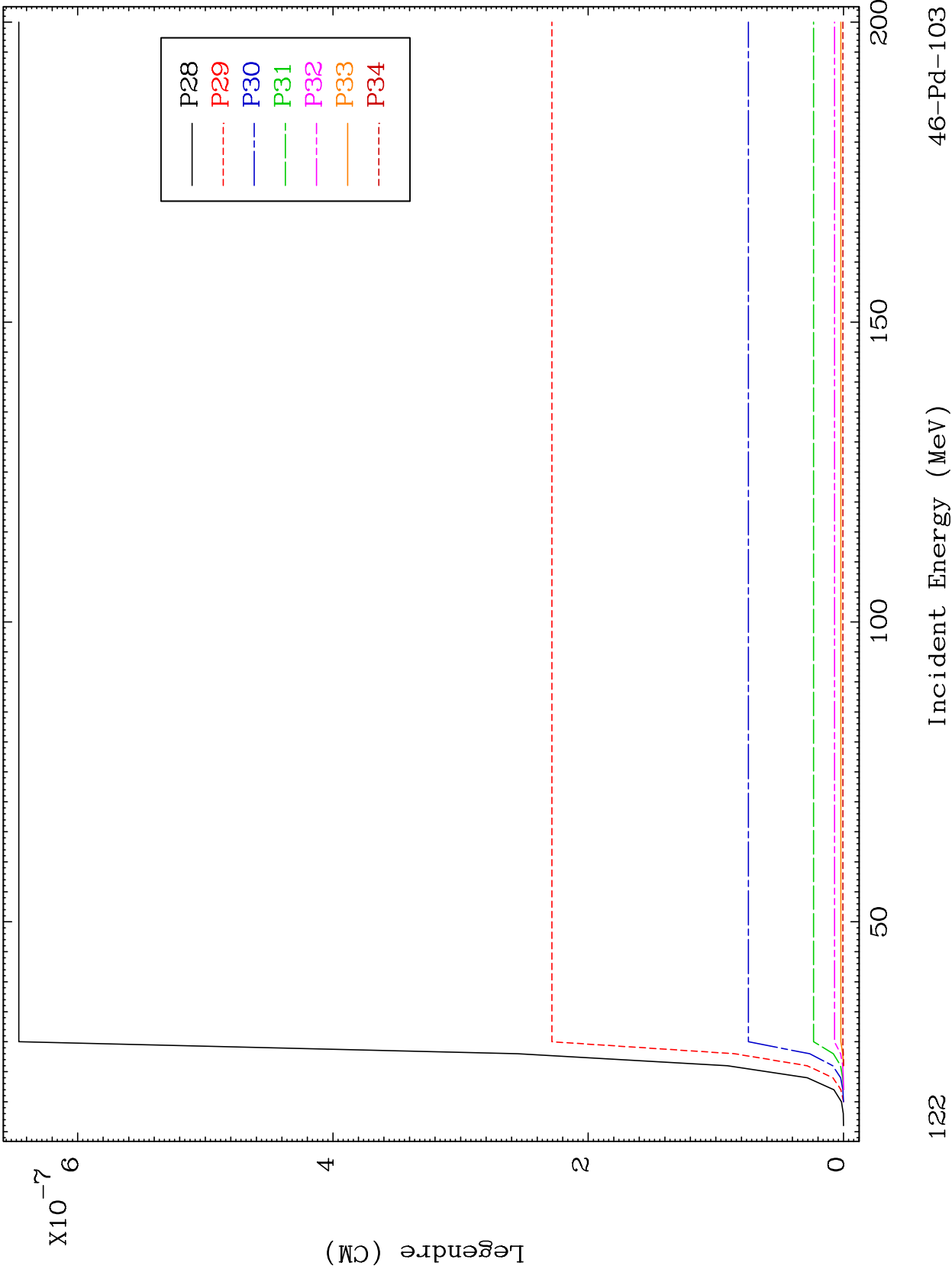


121

MAT 4628

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

46-Pd-103



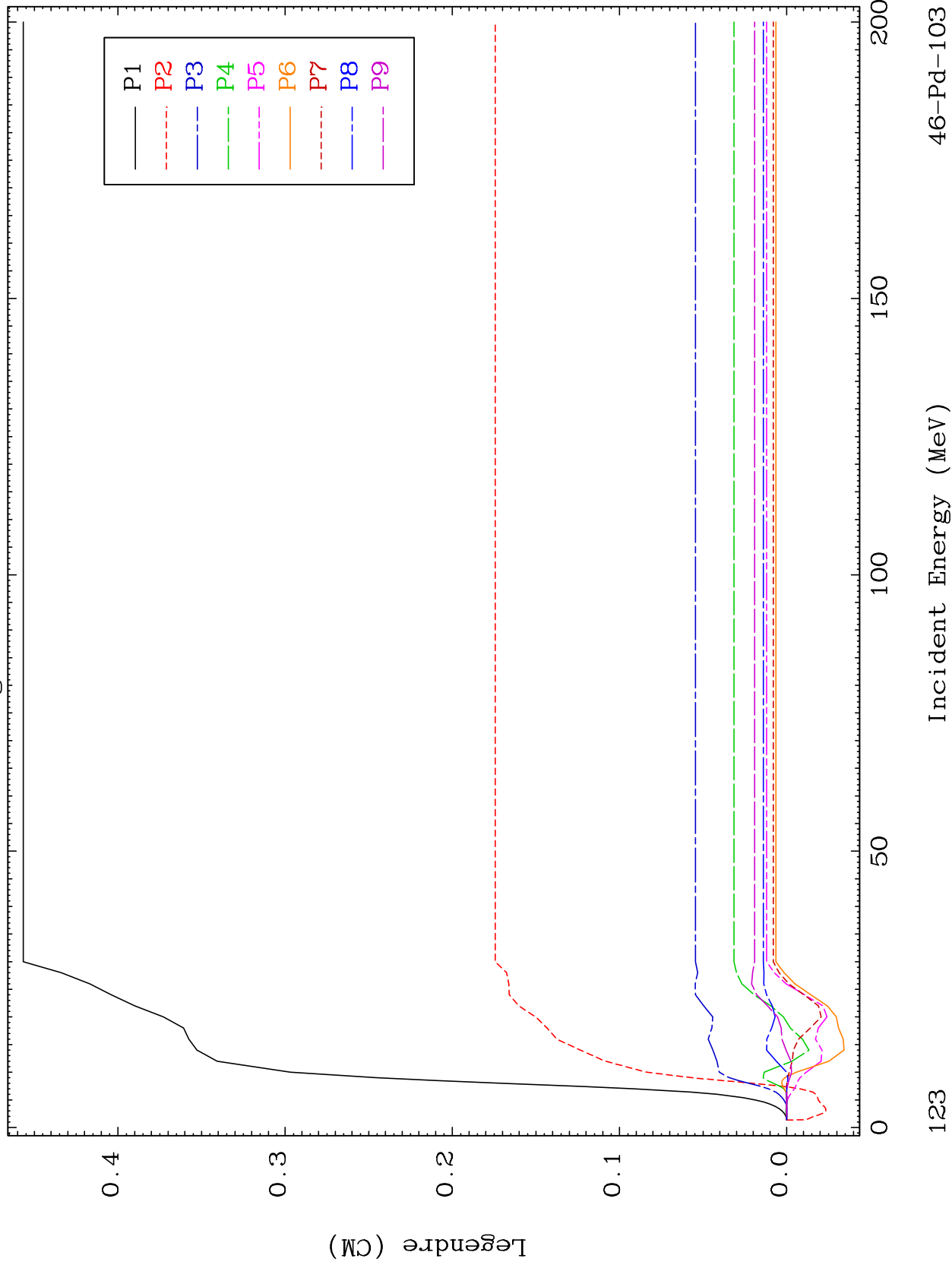
122

46-Pd-103

MAT 4628

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

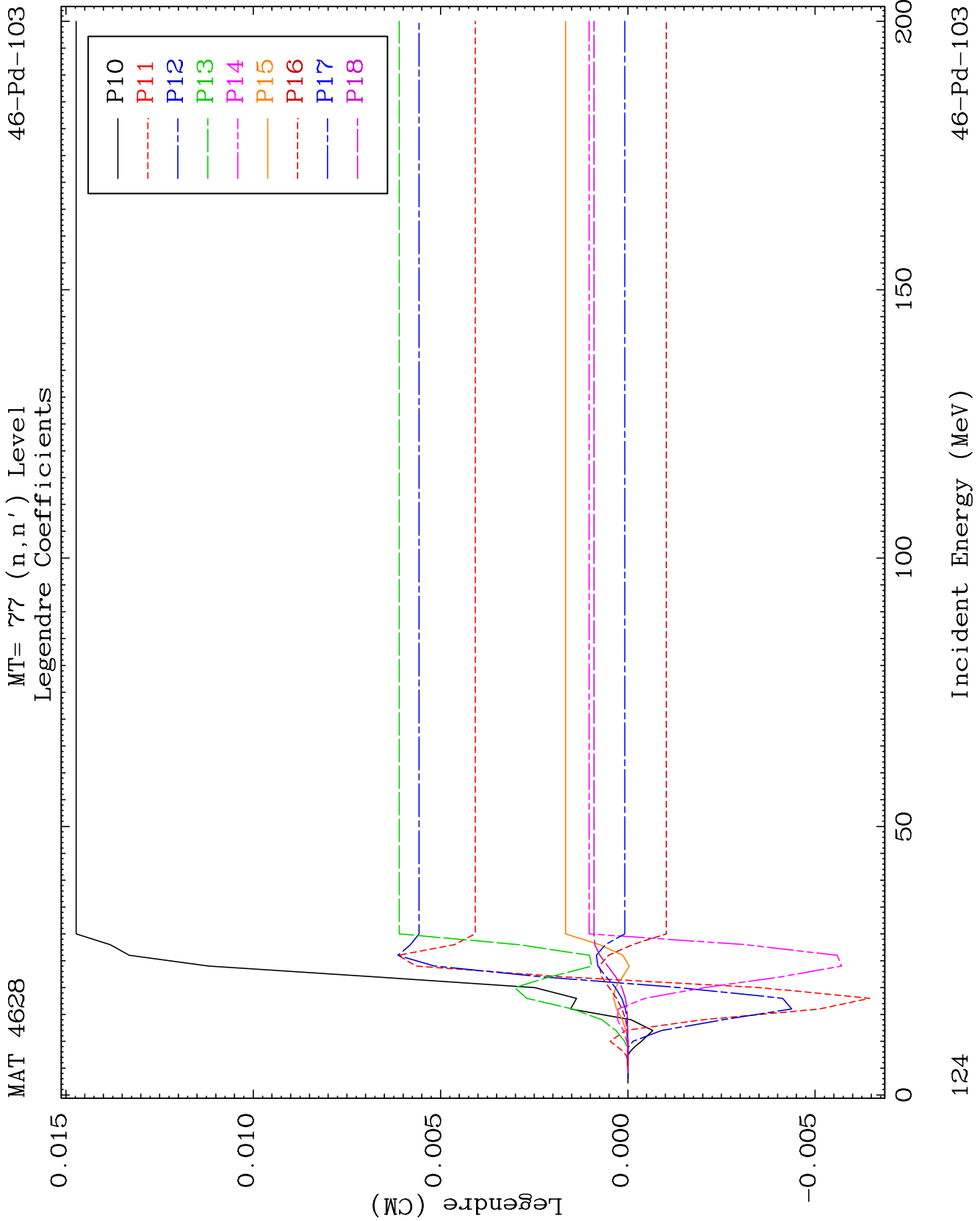
46-Pd-103



46-Pd-103

Incident Energy (MeV)

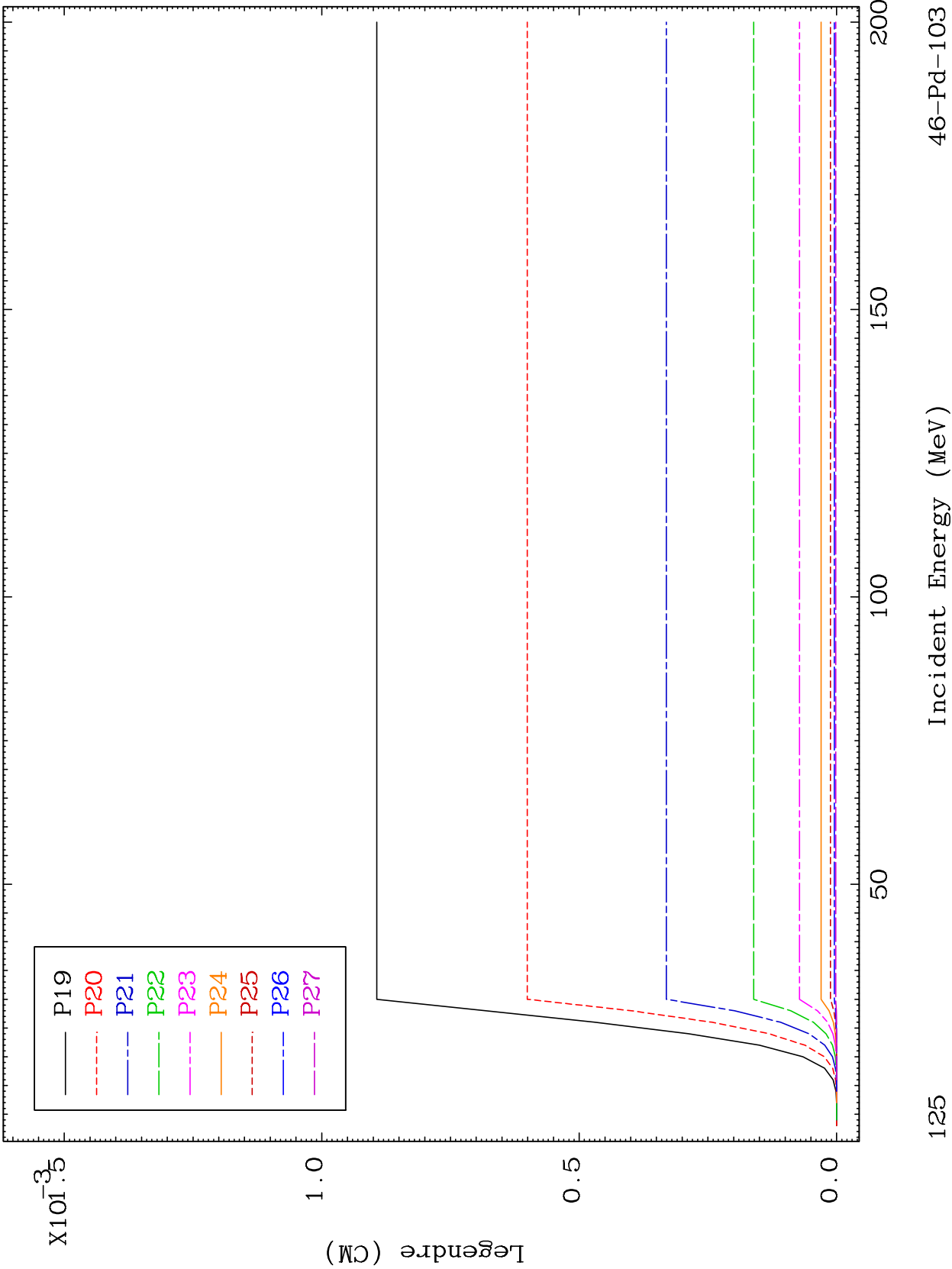
123



MAT 4628

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

46-Pd-103



125

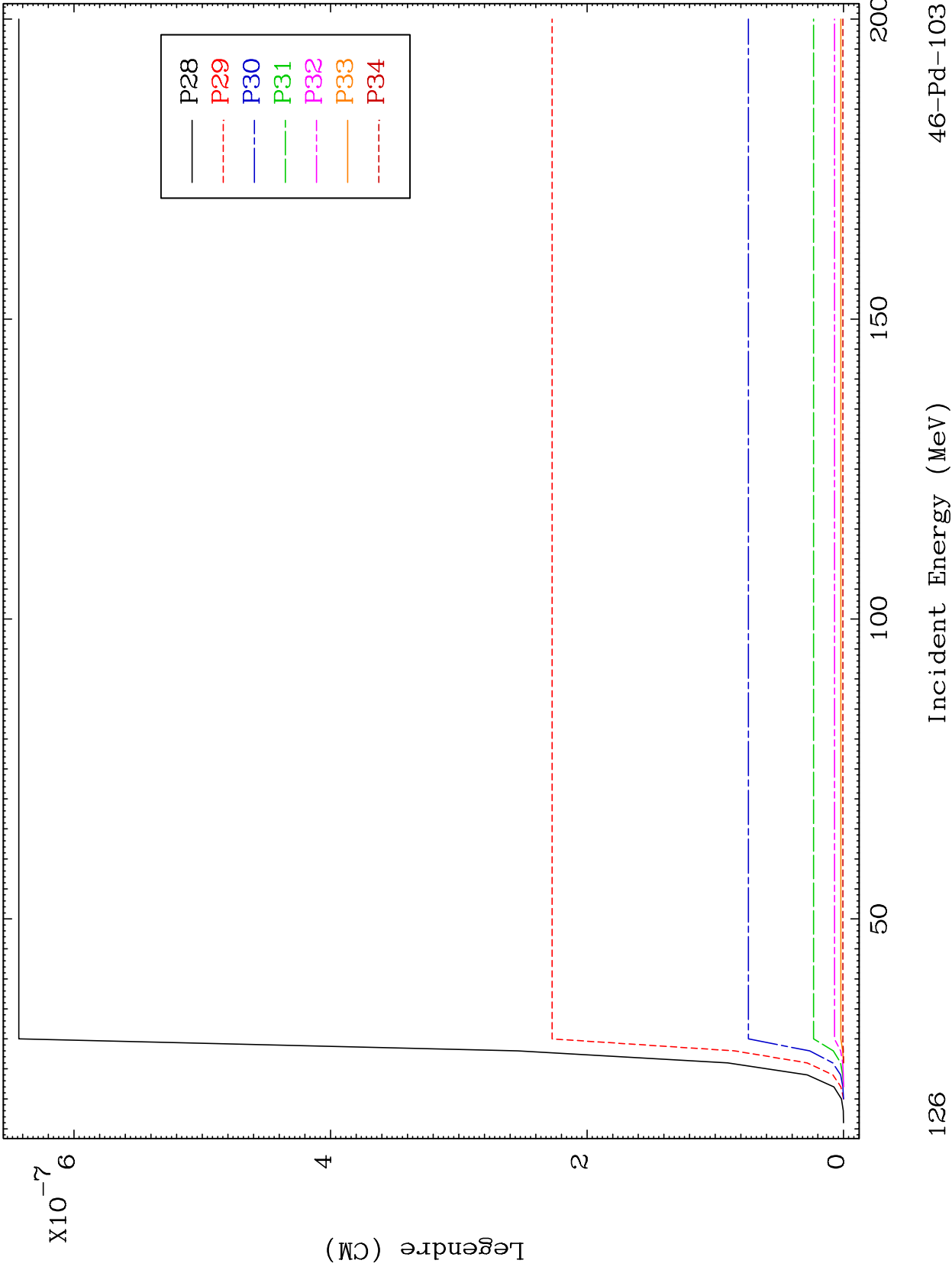
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



126

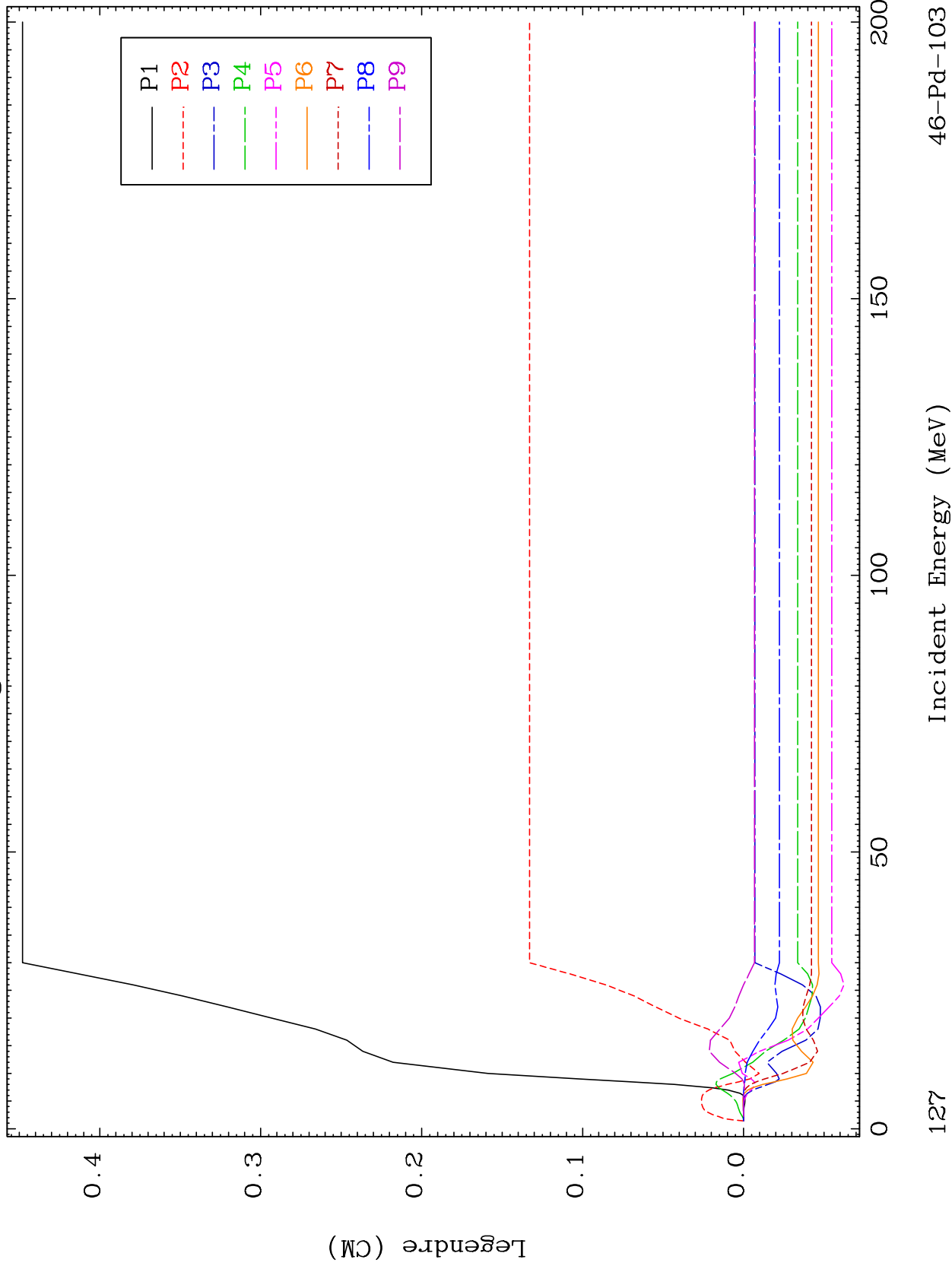
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



127

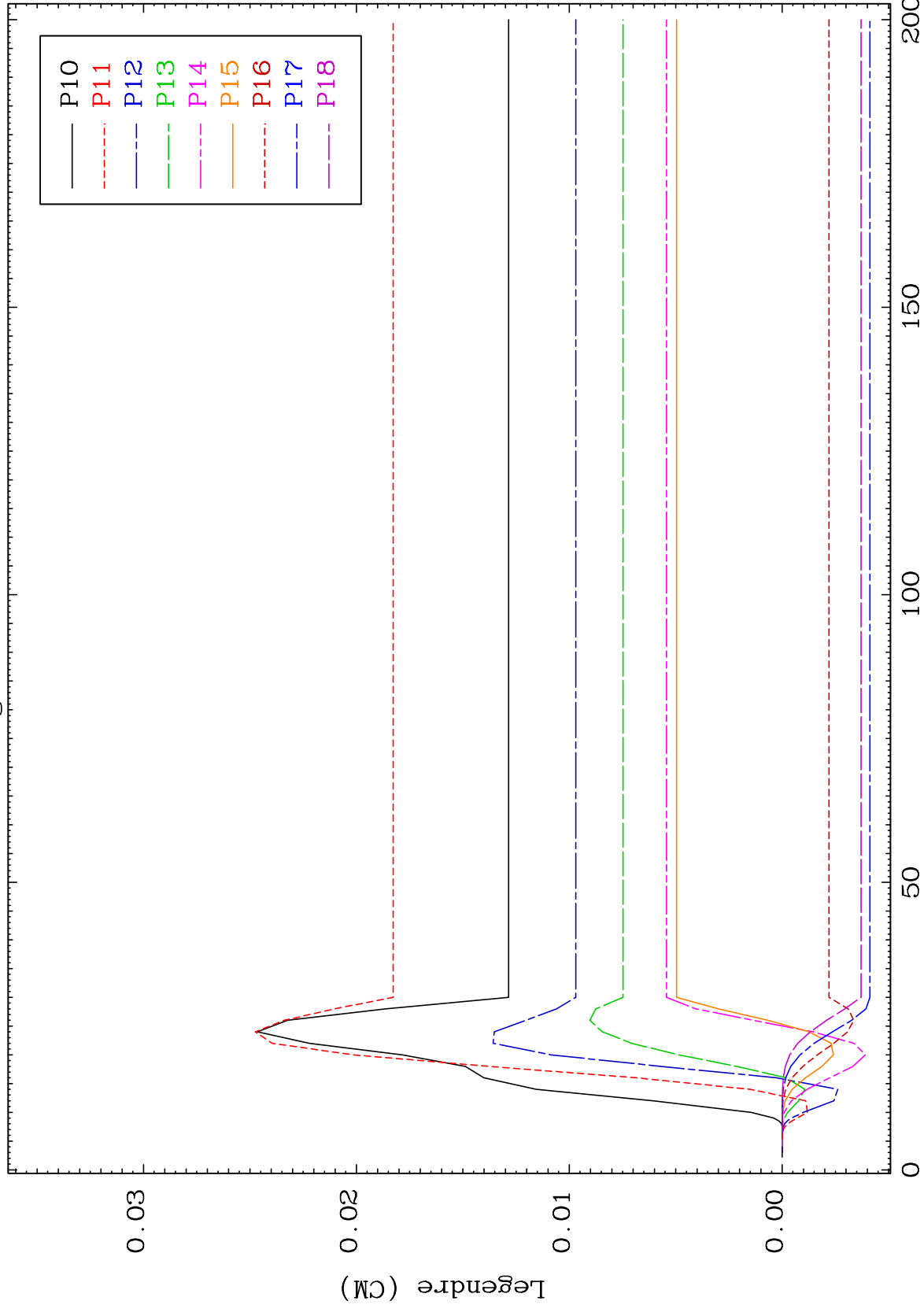
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



128

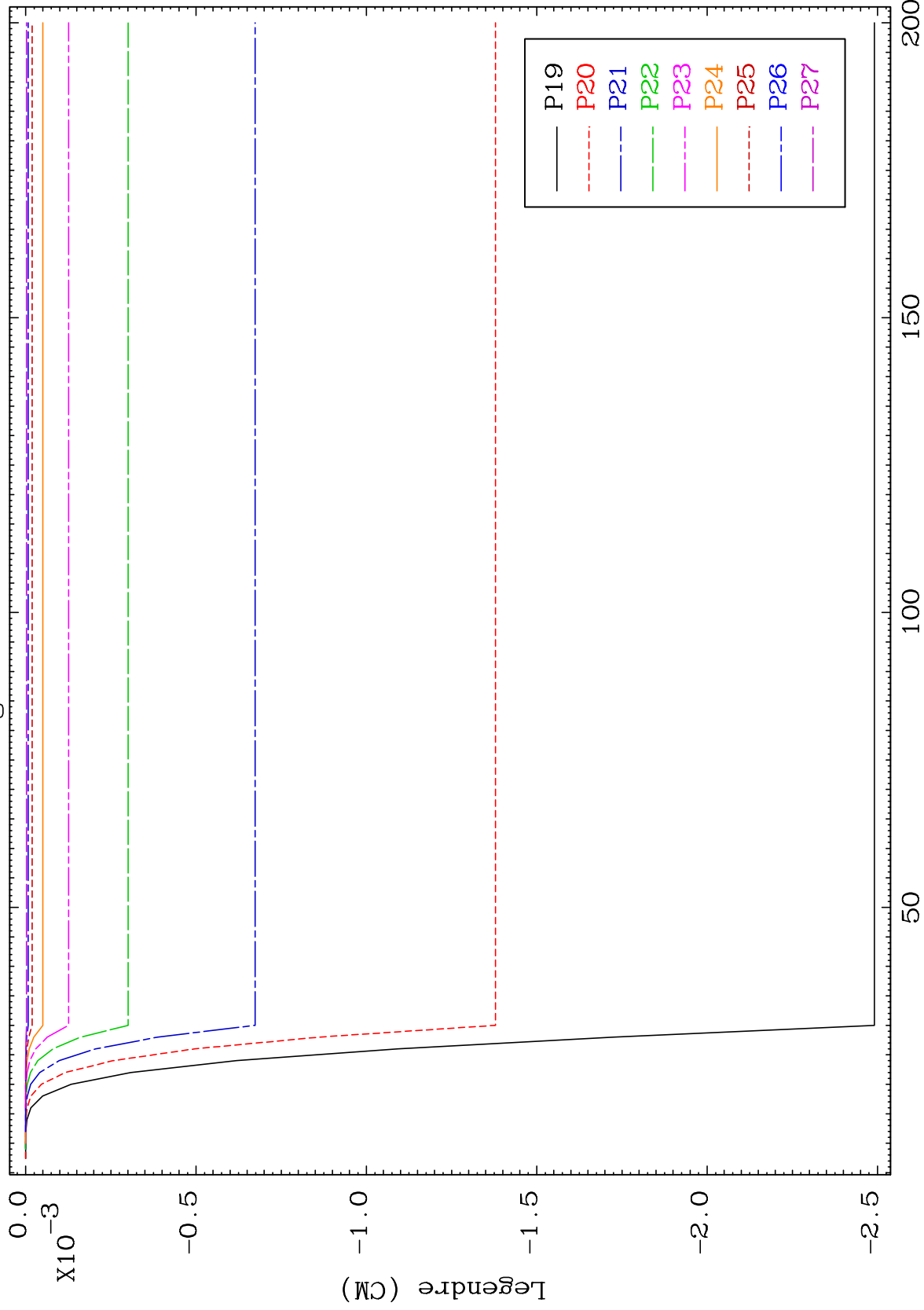
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

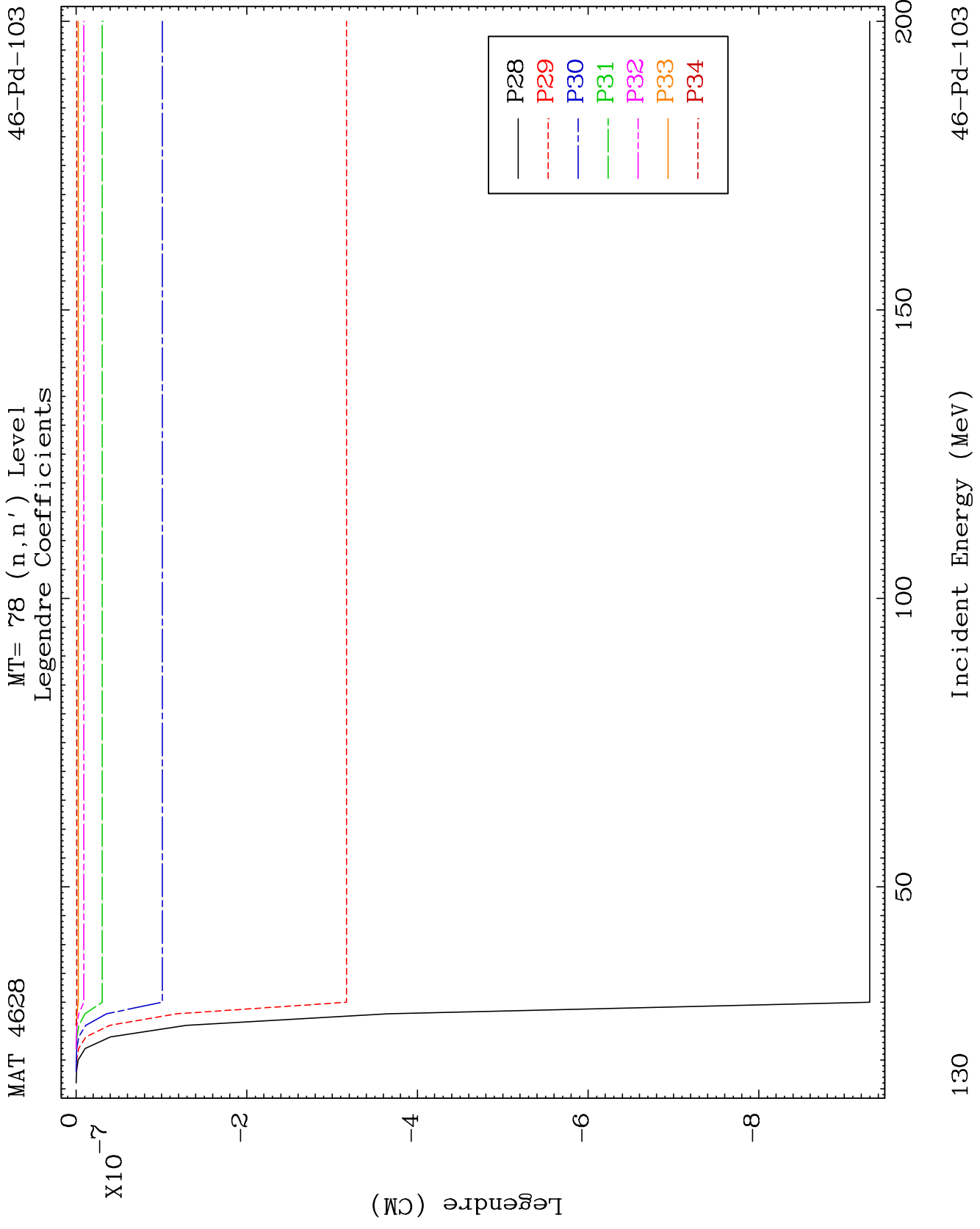
46-Pd-103



129

Incident Energy (MeV)

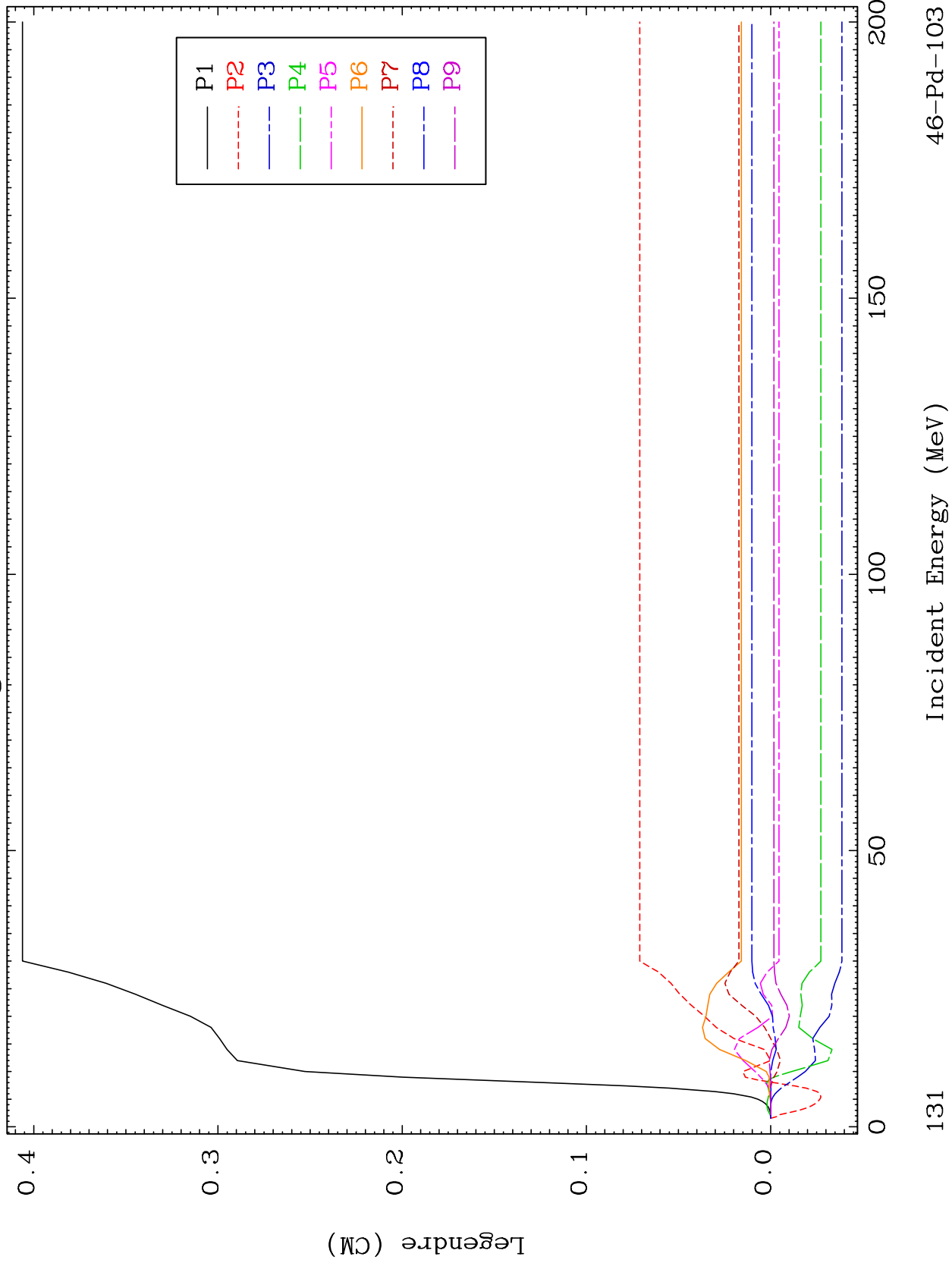
46-Pd-103



MAT 4628

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

46-Pd-103



131

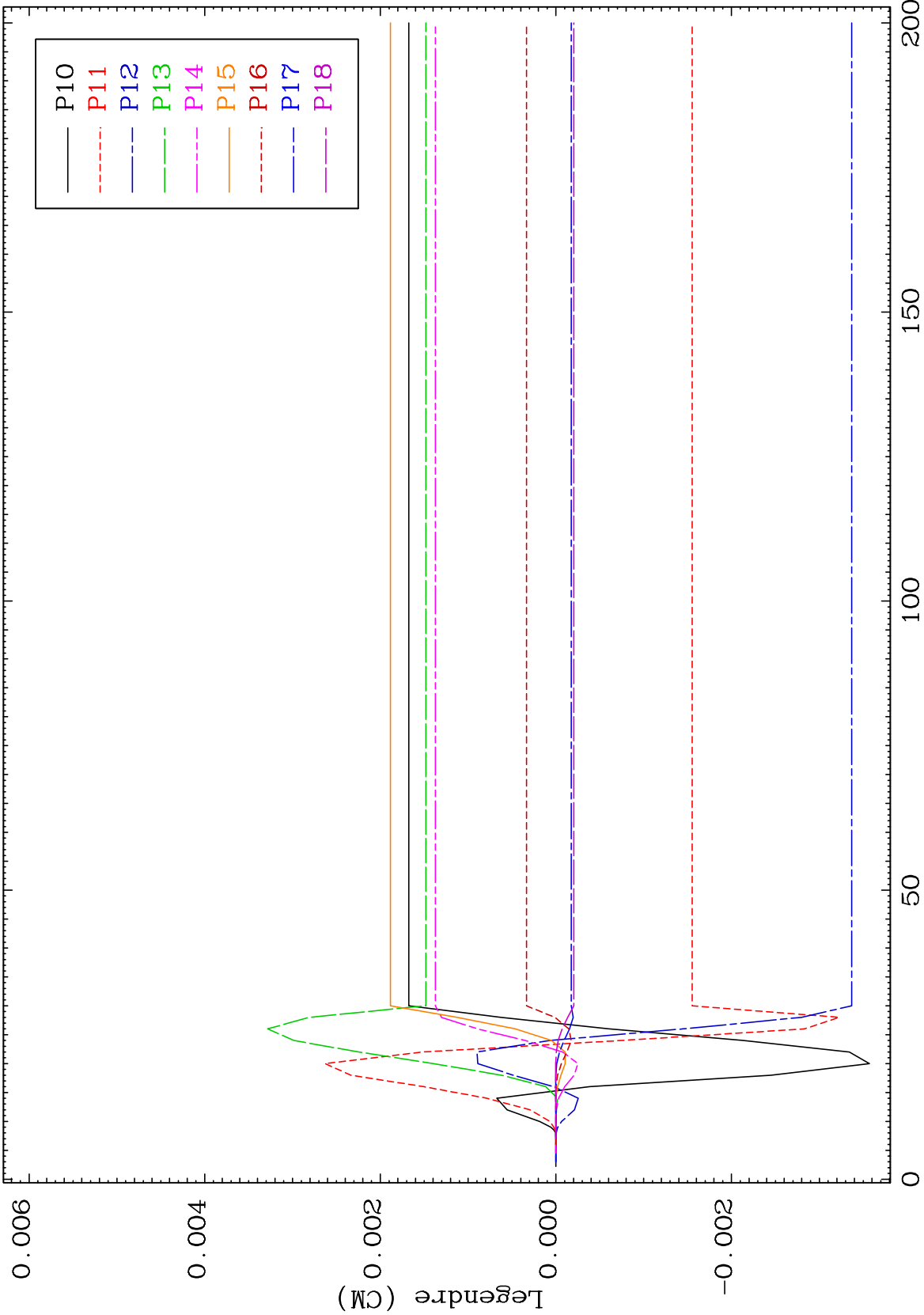
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

46-Pd-103



132

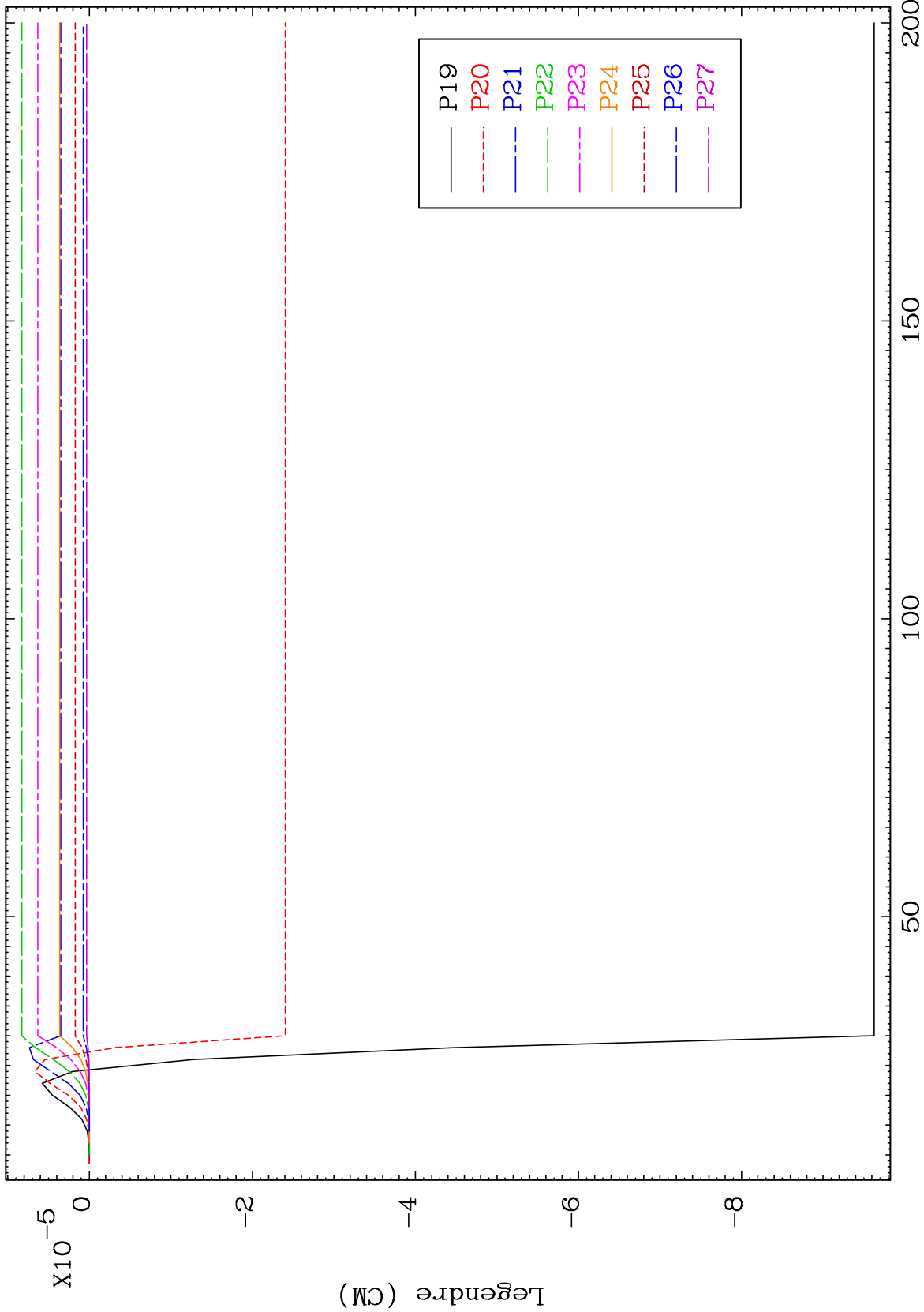
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

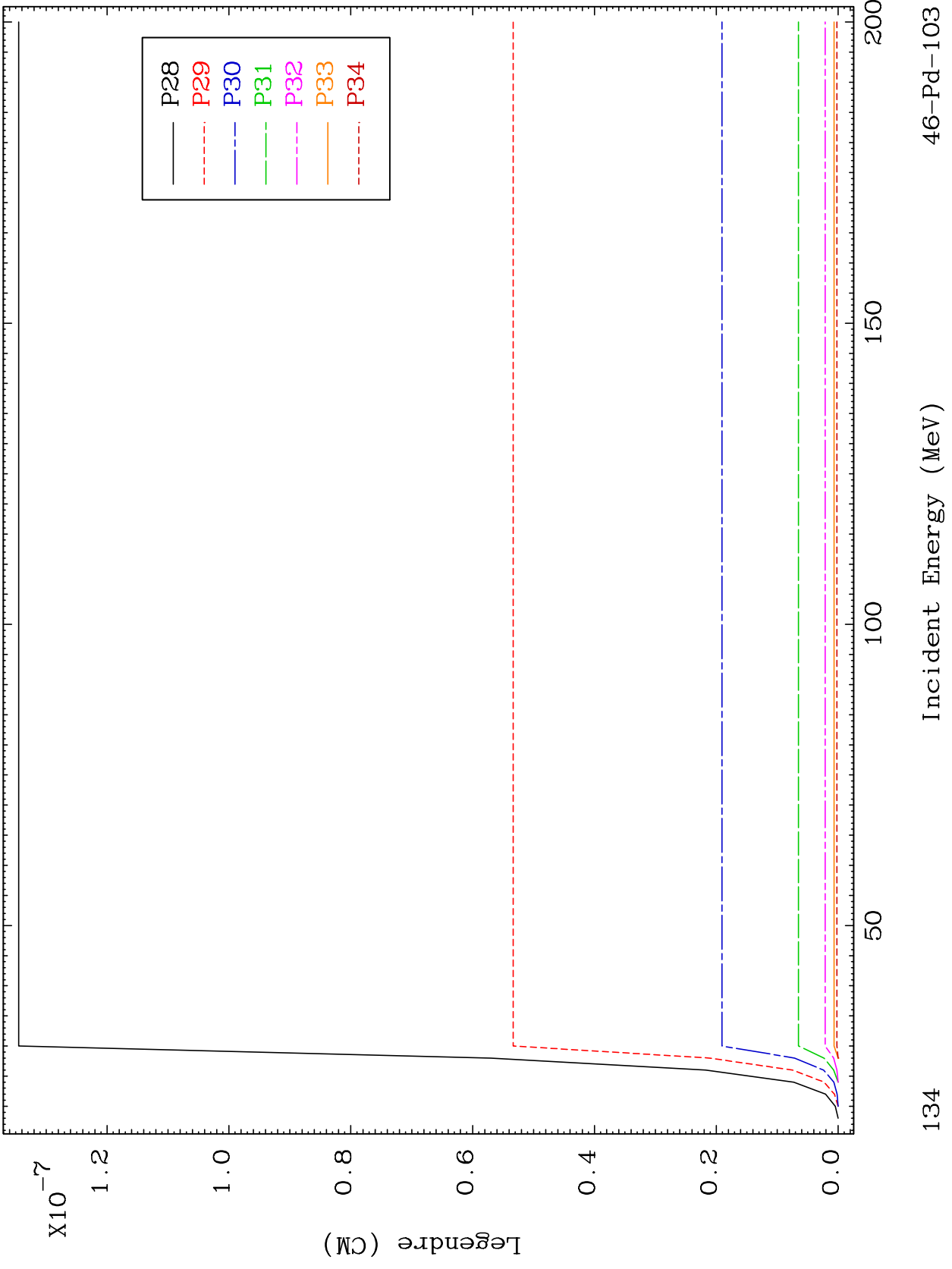
46-Pd-103



MAT 4628

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

46-Pd-103



134

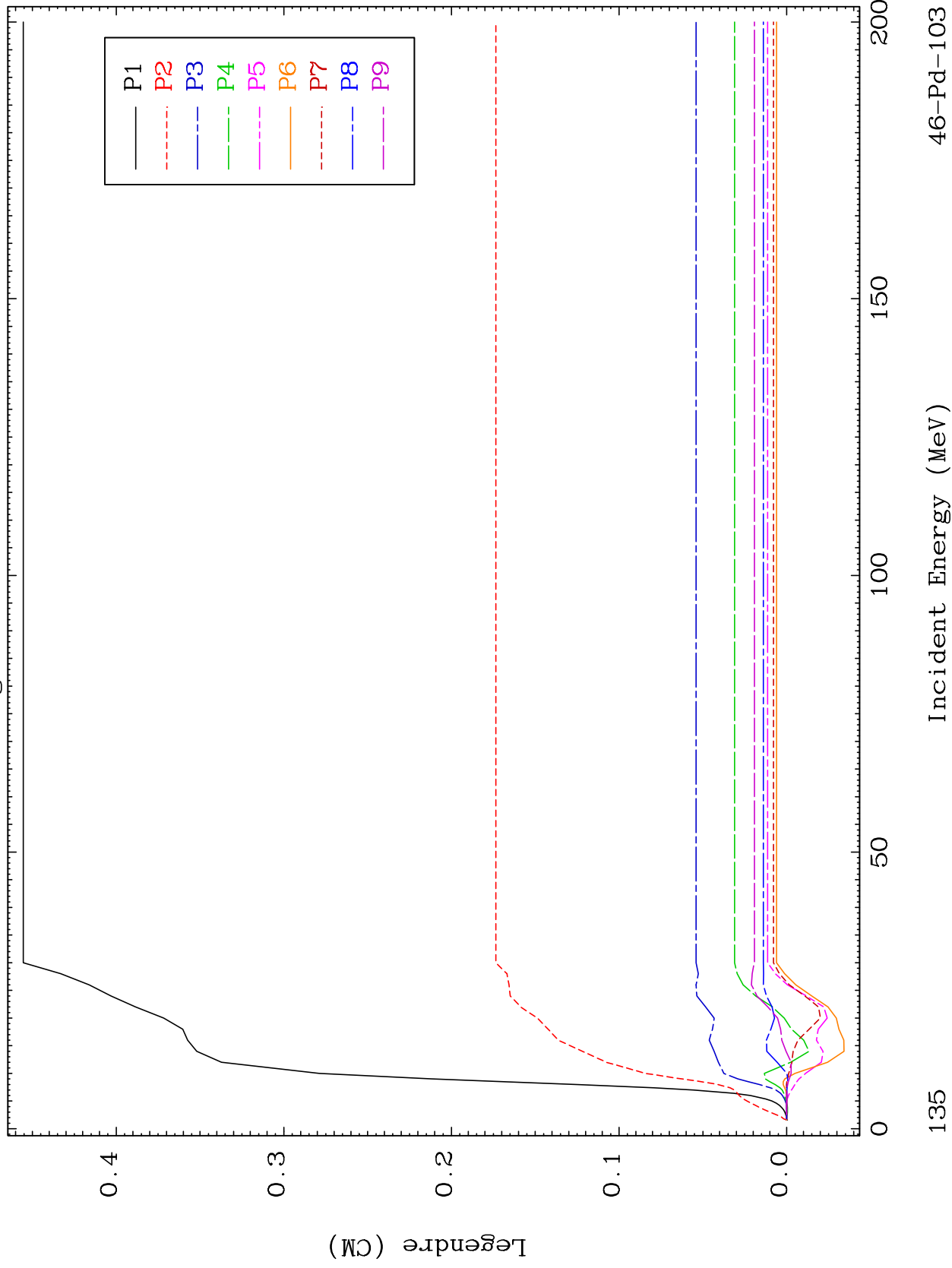
Incident Energy (MeV)

46-Pd-103

MAT 4628

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

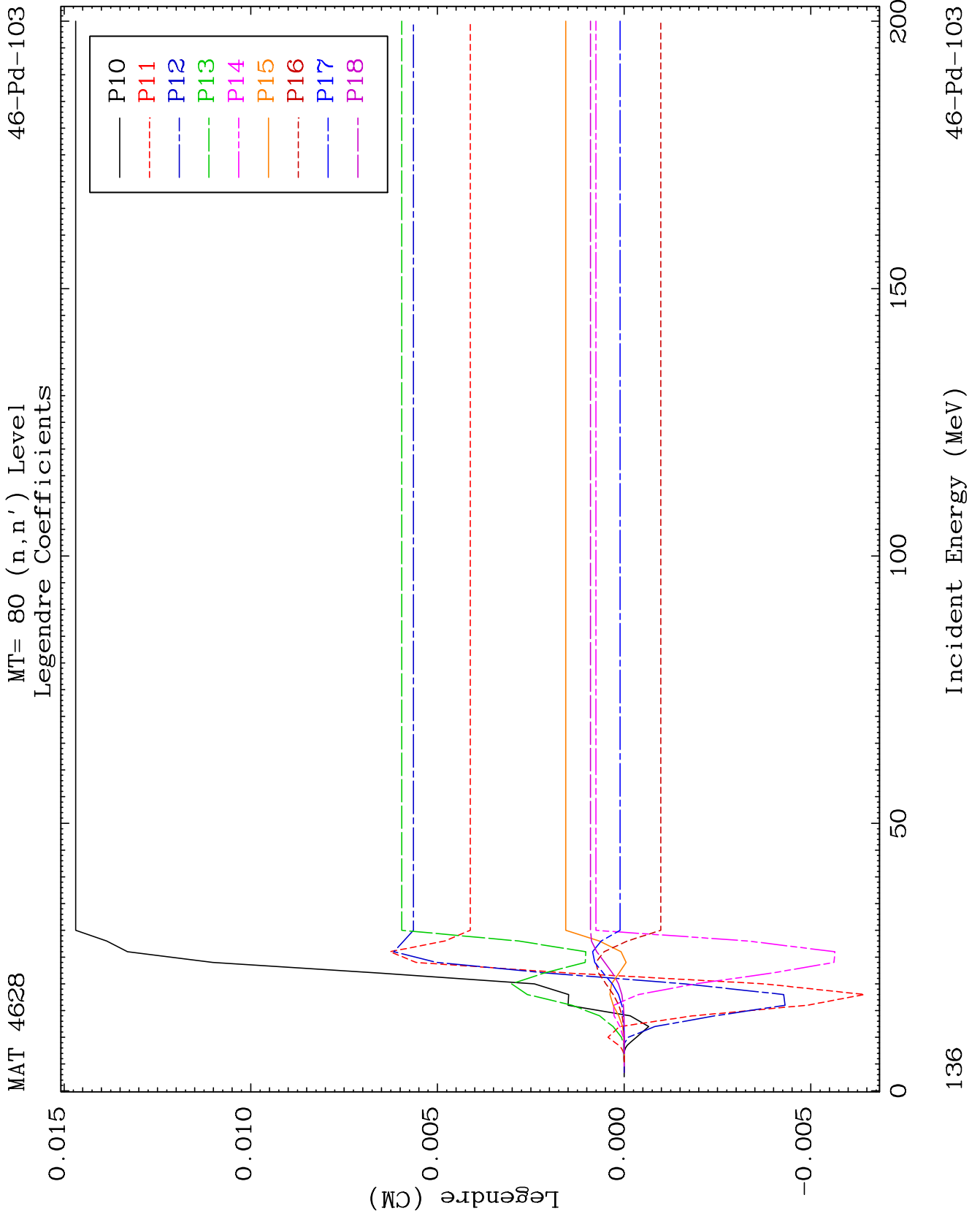
46-Pd-103



46-Pd-103

Incident Energy (MeV)

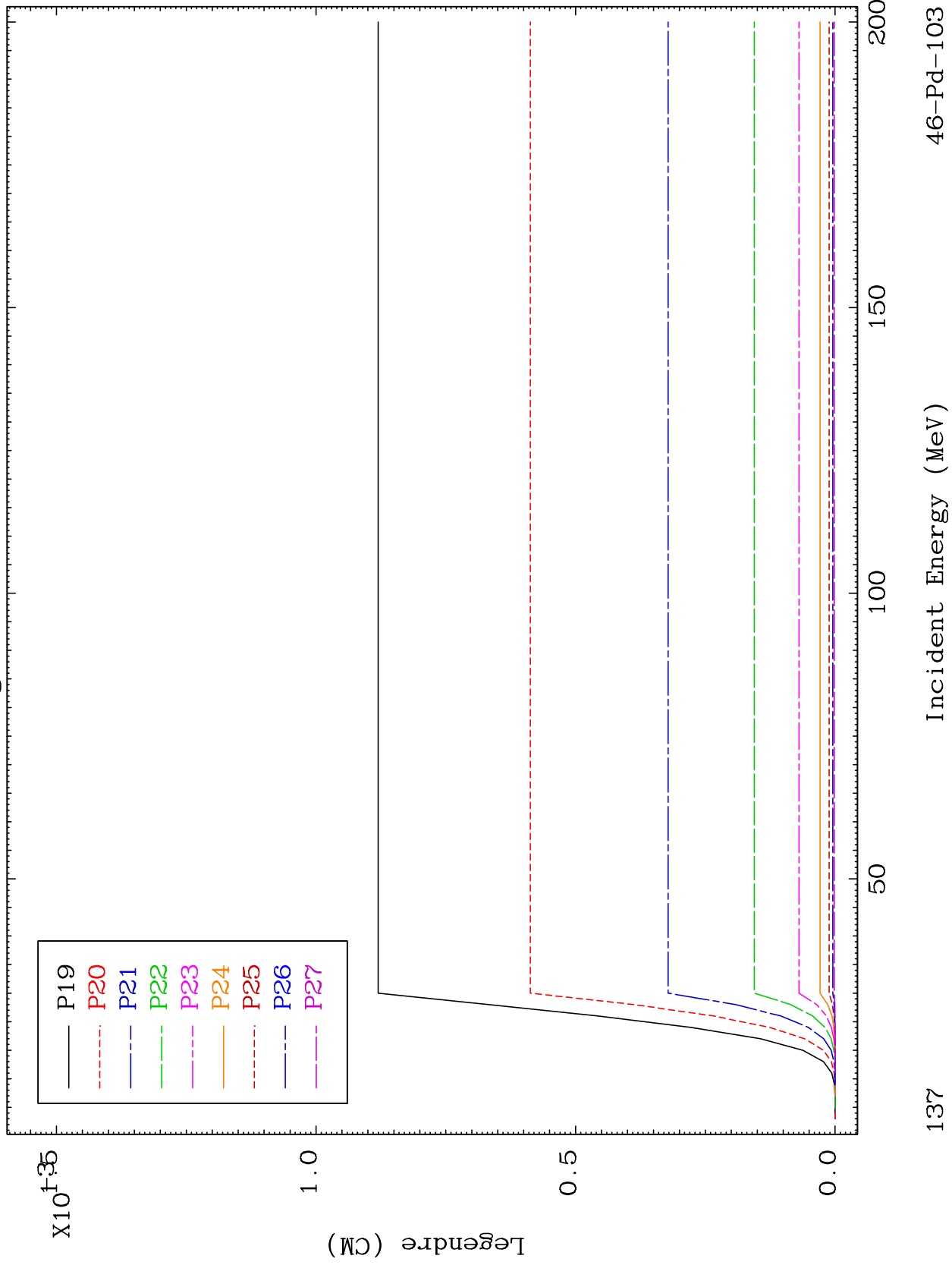
135



MAT 4628

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

46-Pd-103



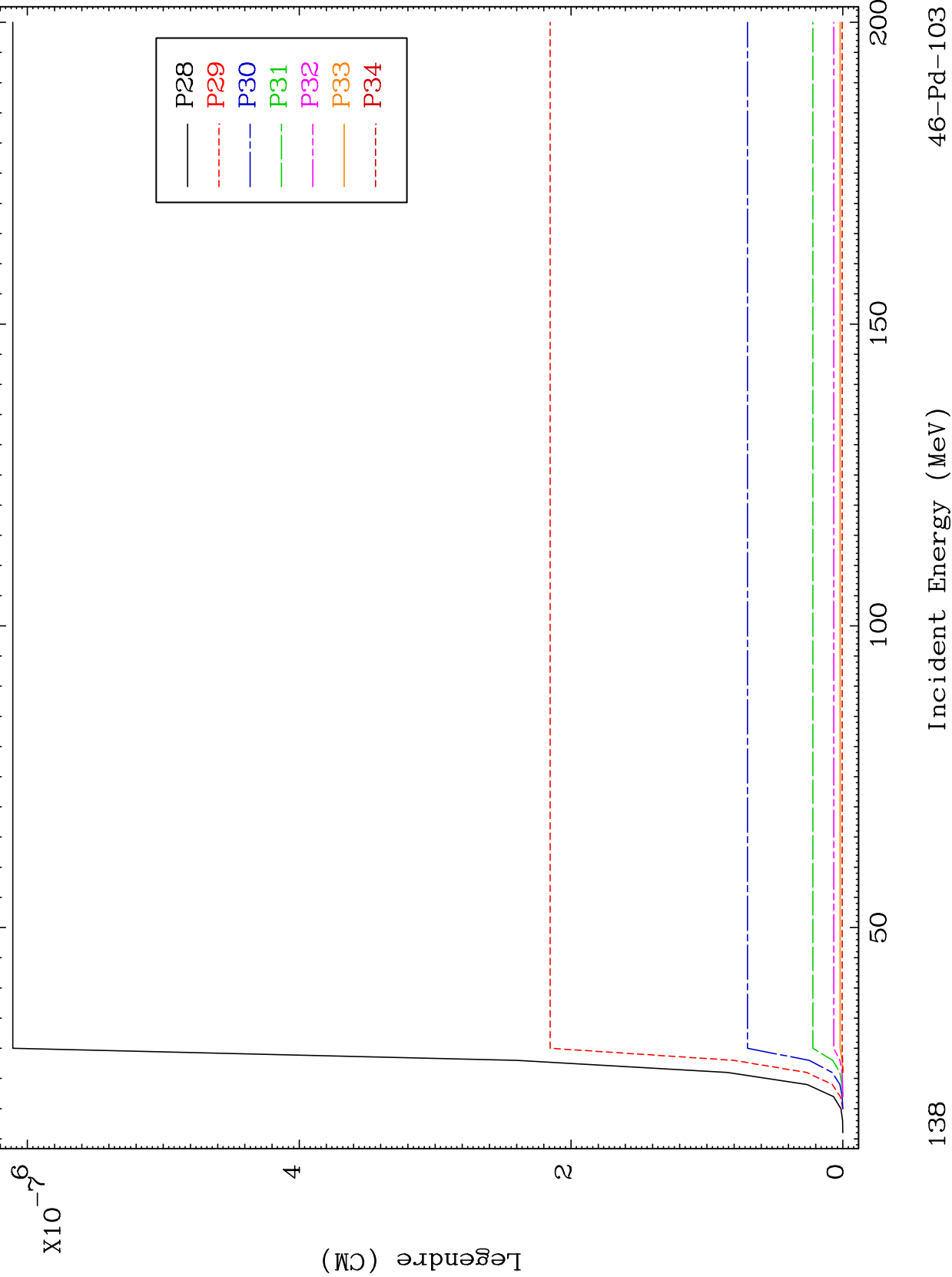
137

46-Pd-103

MAT 4628

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

46-Pd-103



138

Incident Energy (MeV)

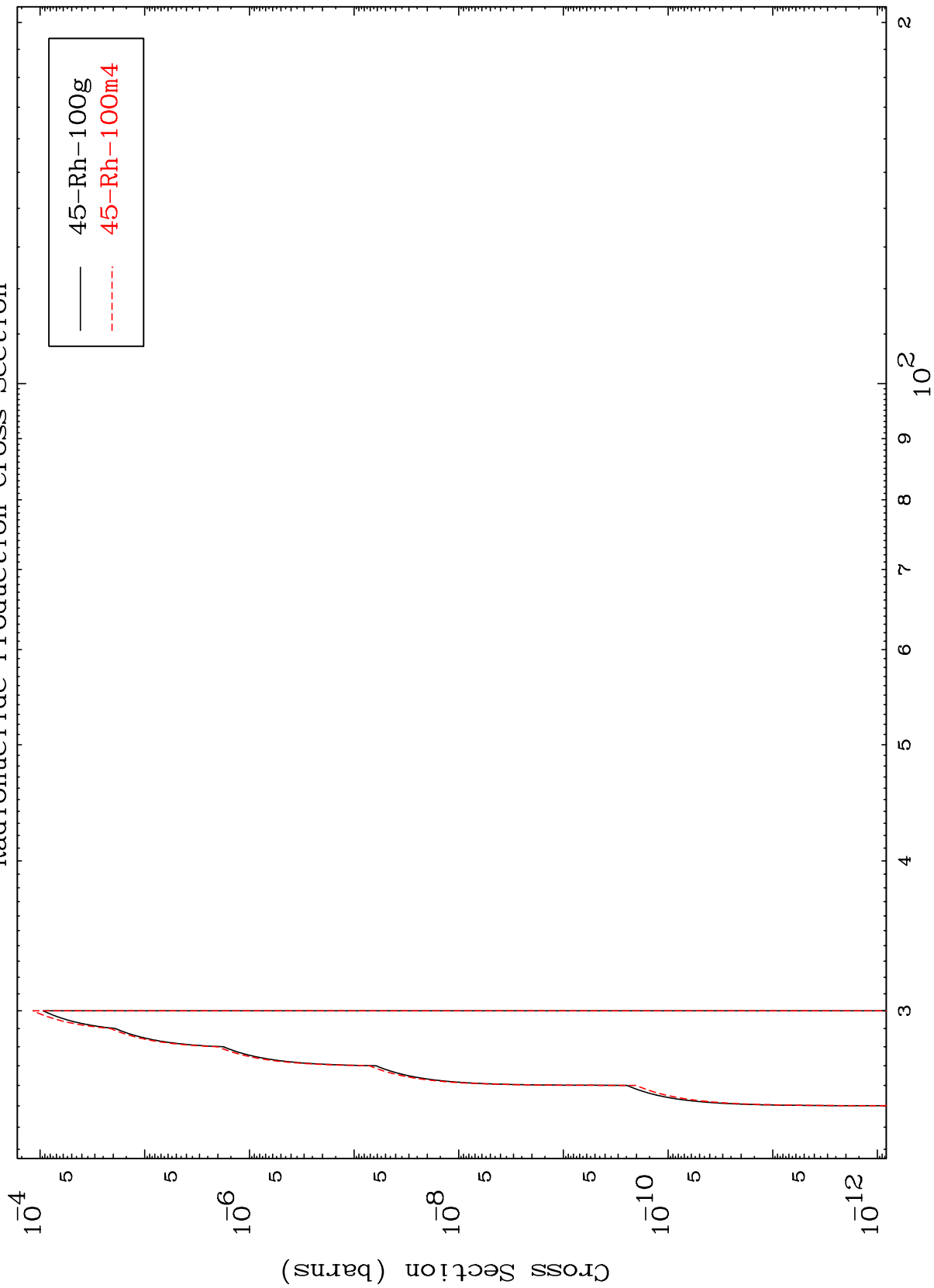
46-Pd-103

MAT 4628

(n,2n) d

46-Pd-103

Radionuclide Production Cross Section



139

Incident Energy (MeV)

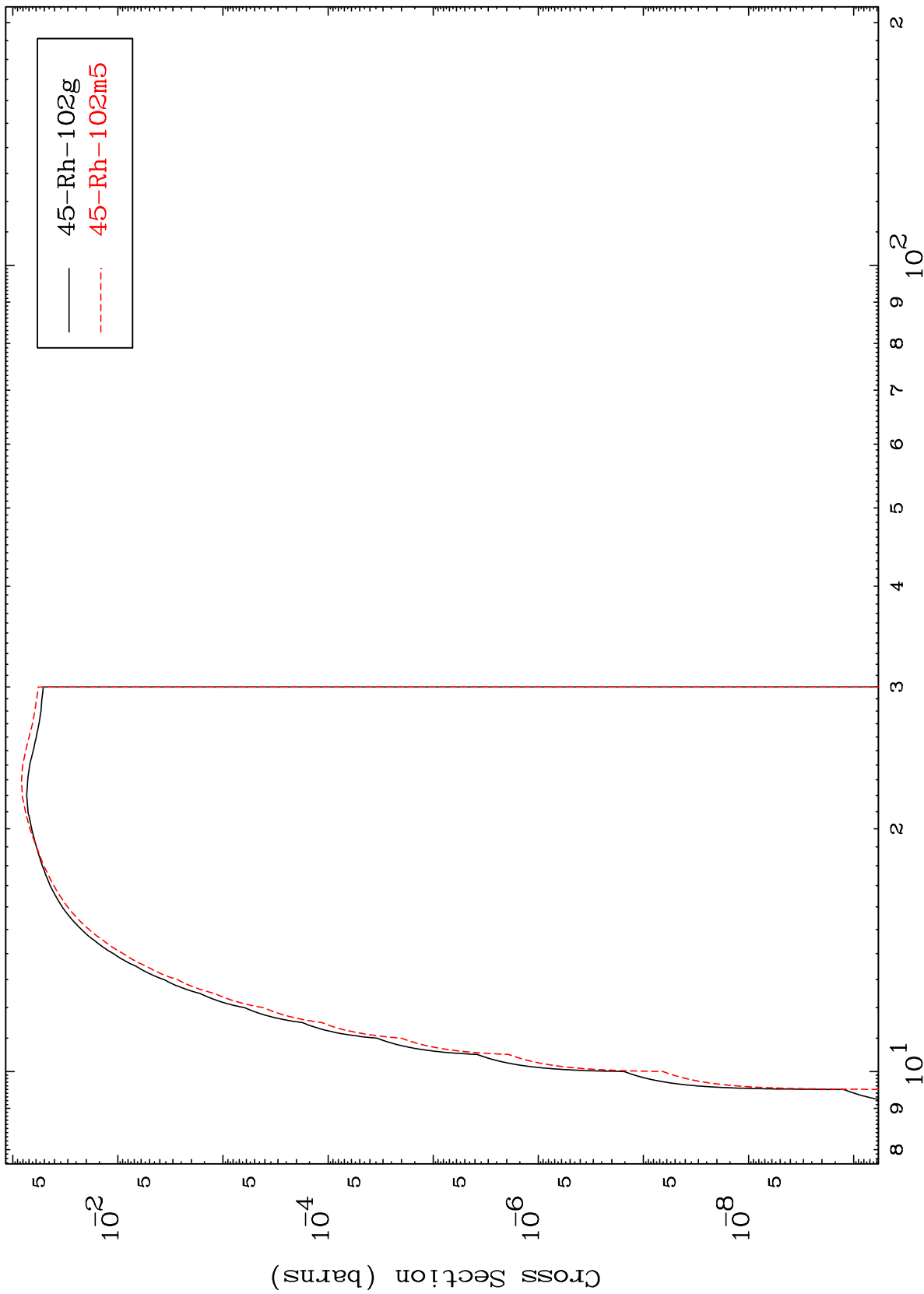
46-Pd-103

MAT 4628

(n,n') p

46-Pd-103

Radionuclide Production Cross Section



140

Incident Energy (MeV)

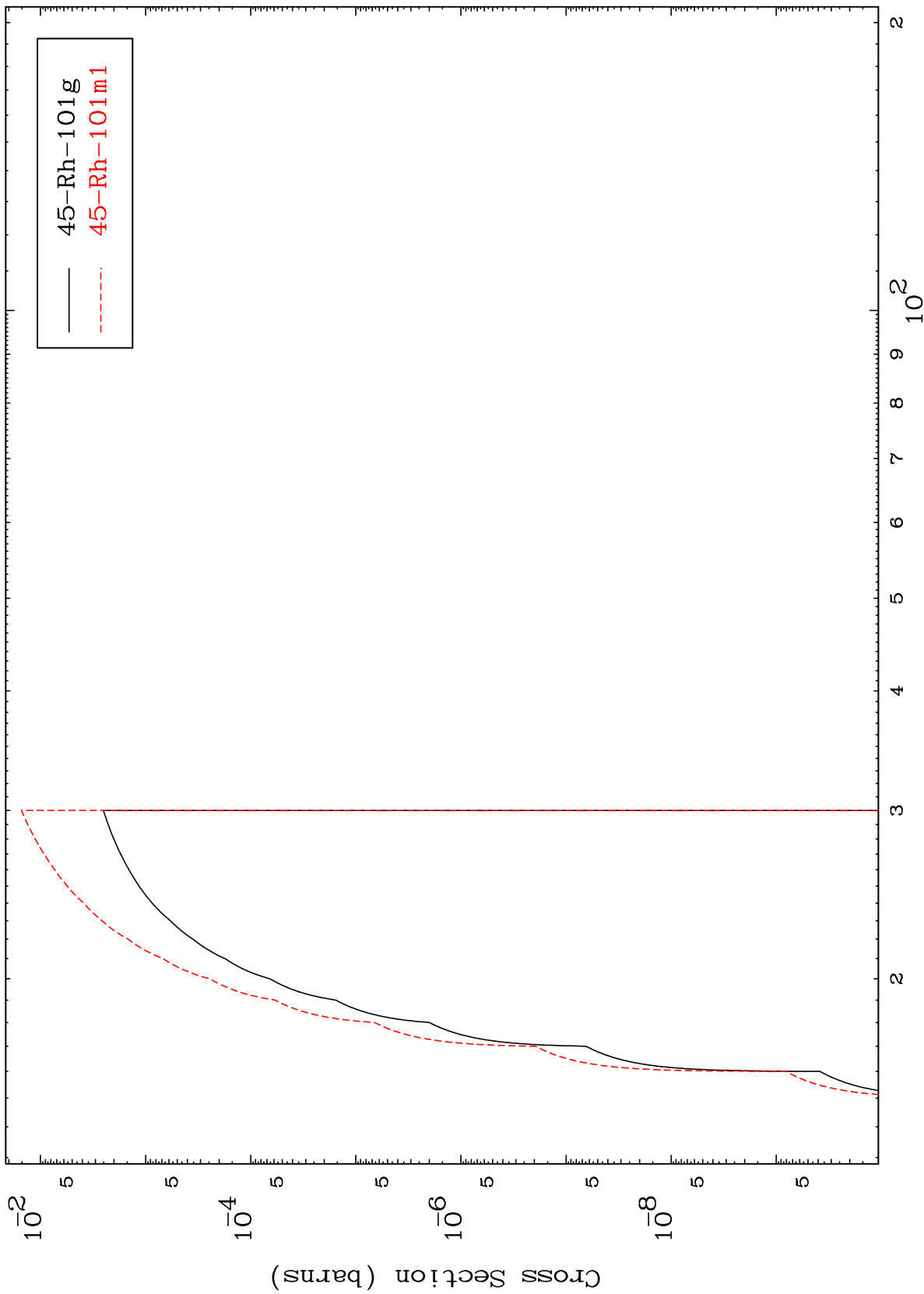
46-Pd-103

MAT 4628

(n,n') d

46-Pd-103

Radionuclide Production Cross Section



141

Incident Energy (MeV)

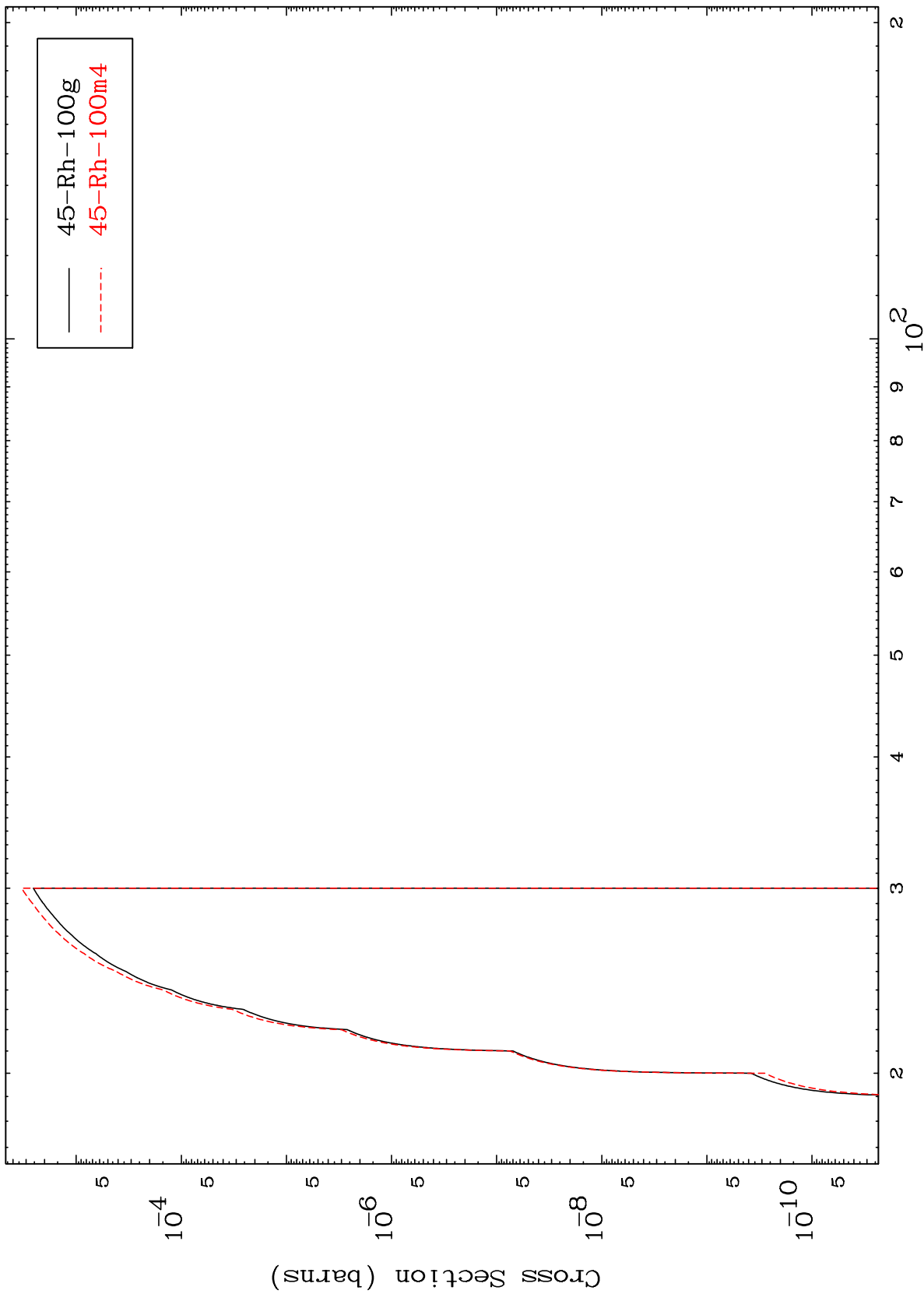
46-Pd-103

MAT 4628

(n,n') t

46-Pd-103

Radionuclide Production Cross Section



142

Incident Energy (MeV)

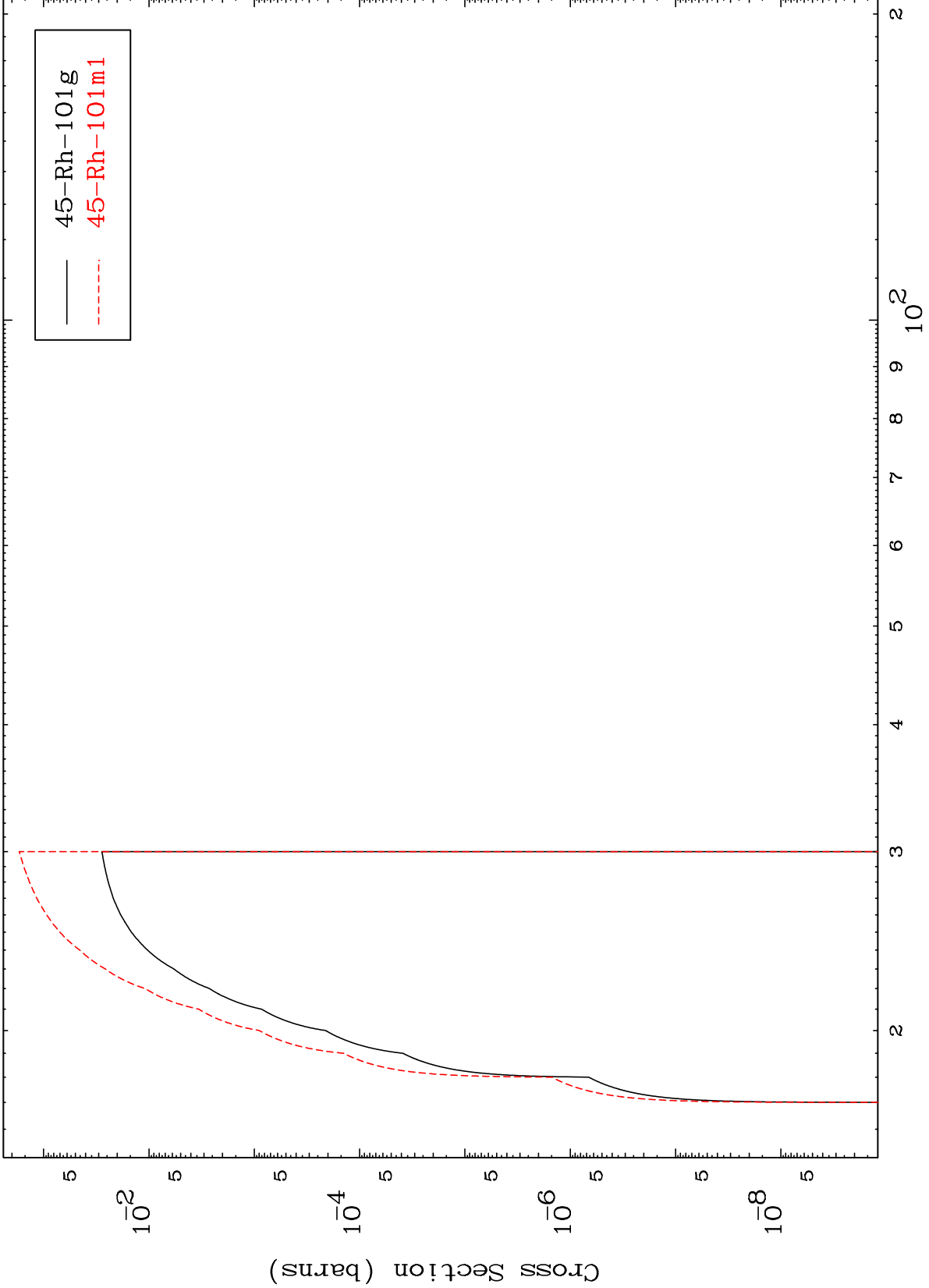
46-Pd-103

MAT 4628

(n,2n) p

46-Pd-103

Radionuclide Production Cross Section



143

Incident Energy (MeV)

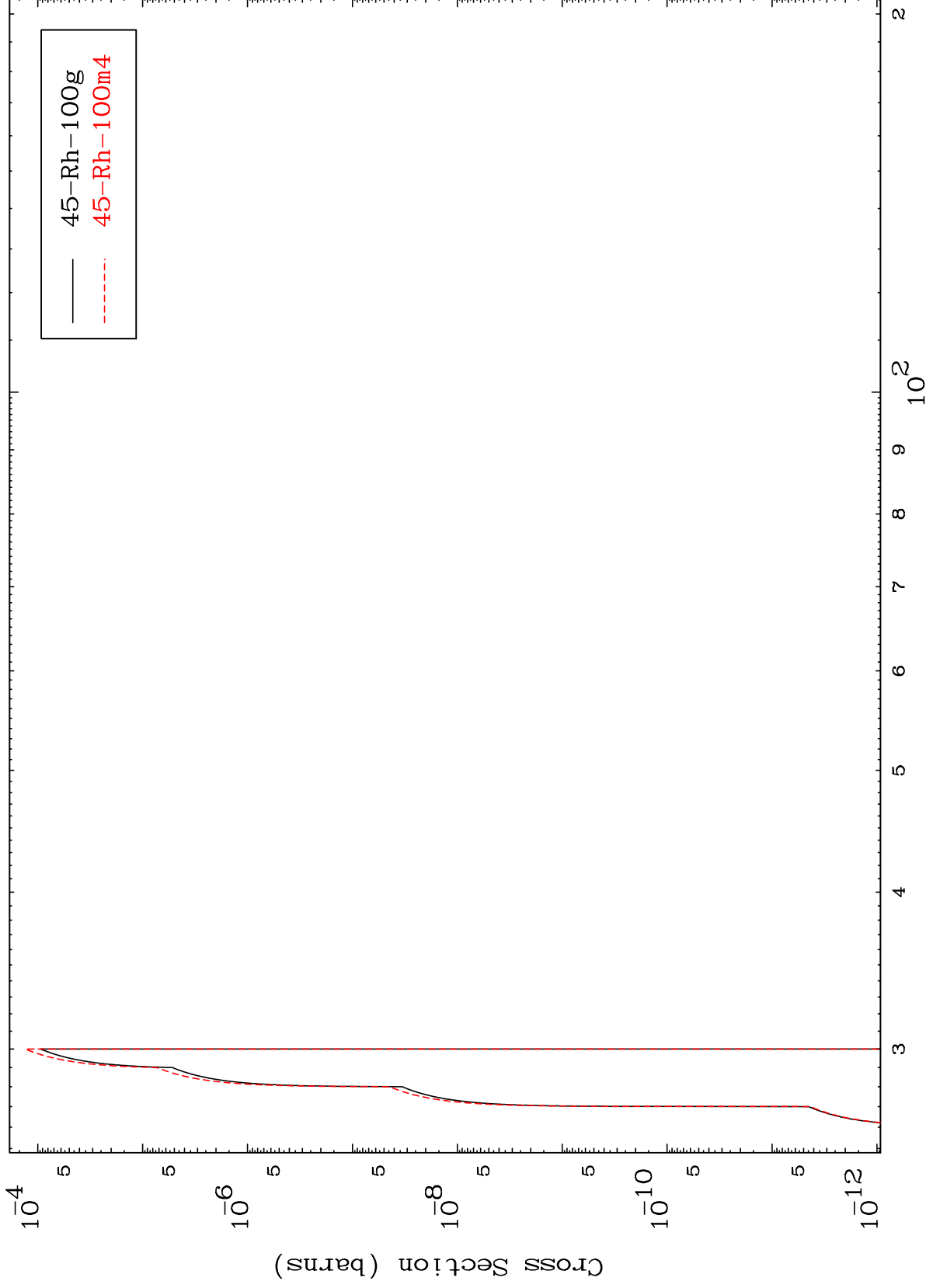
46-Pd-103

MAT 4628

(n,3n) p

46-Pd-103

Radionuclide Production Cross Section



144

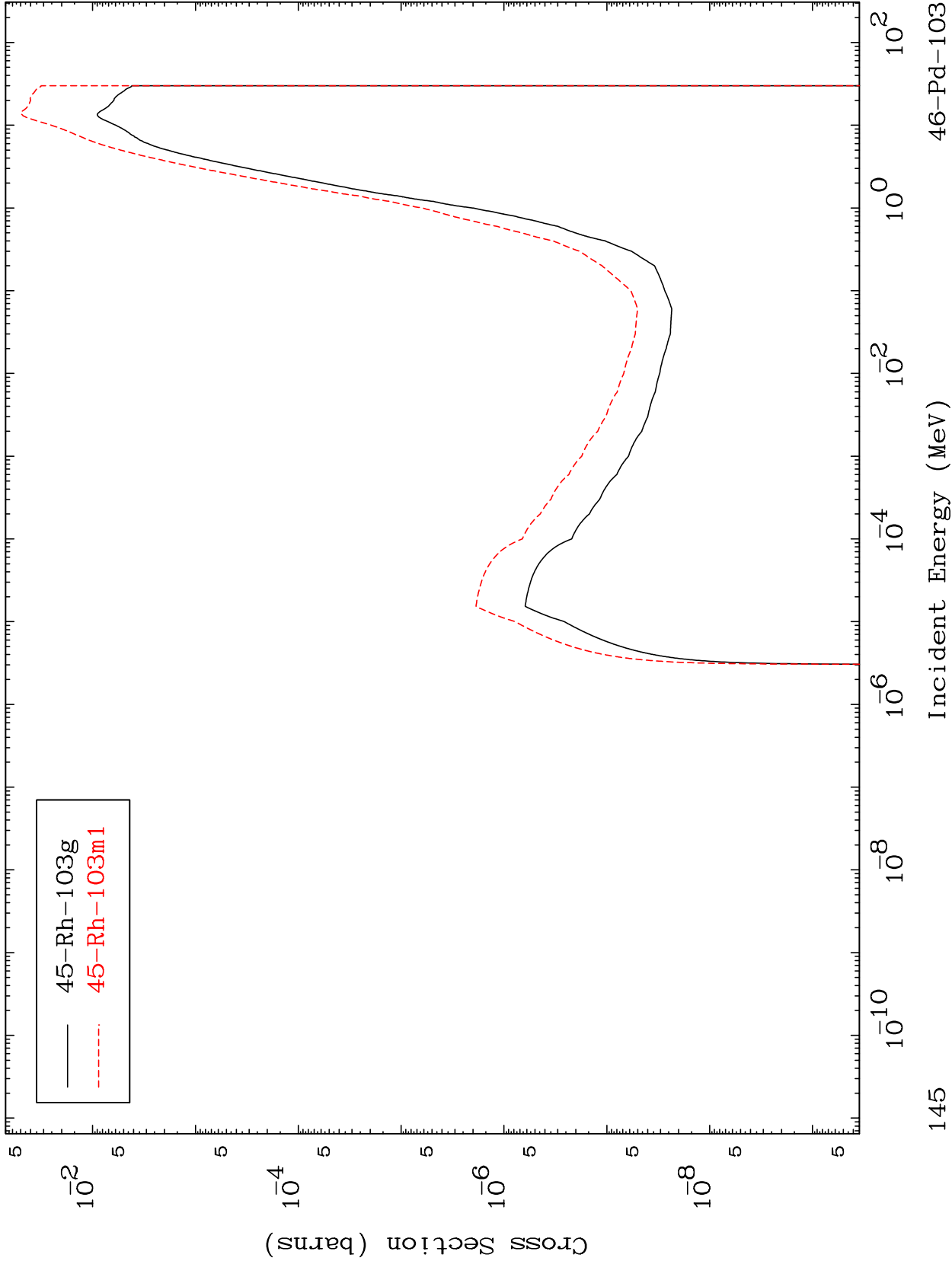
Incident Energy (MeV)

46-Pd-103

MAT 4628

46-Pd-103

(n,p)
Radionuclide Production Cross Section

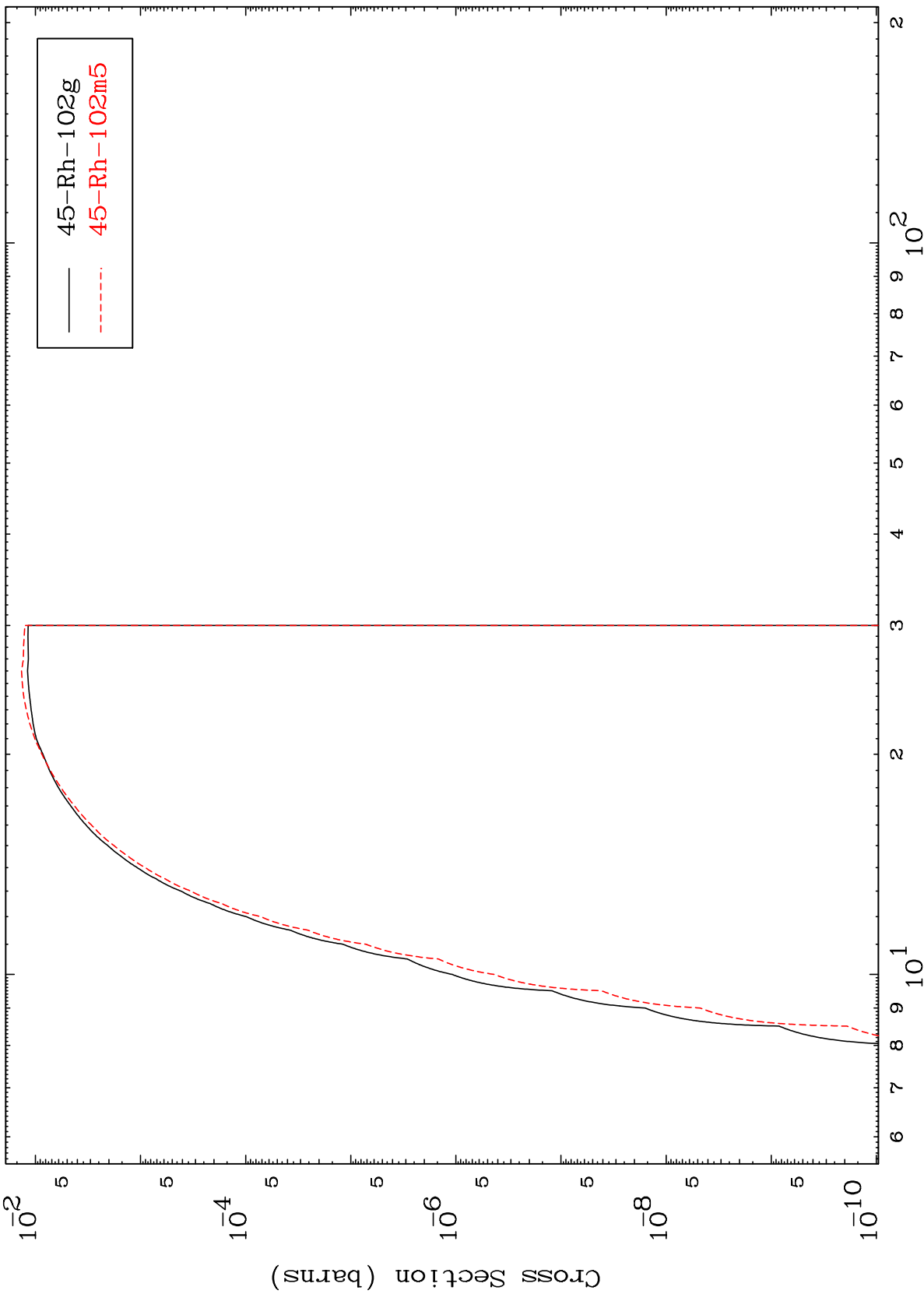


145

MAT 4628

46-Pd-103

(n,d)
Radionuclide Production Cross Section



146

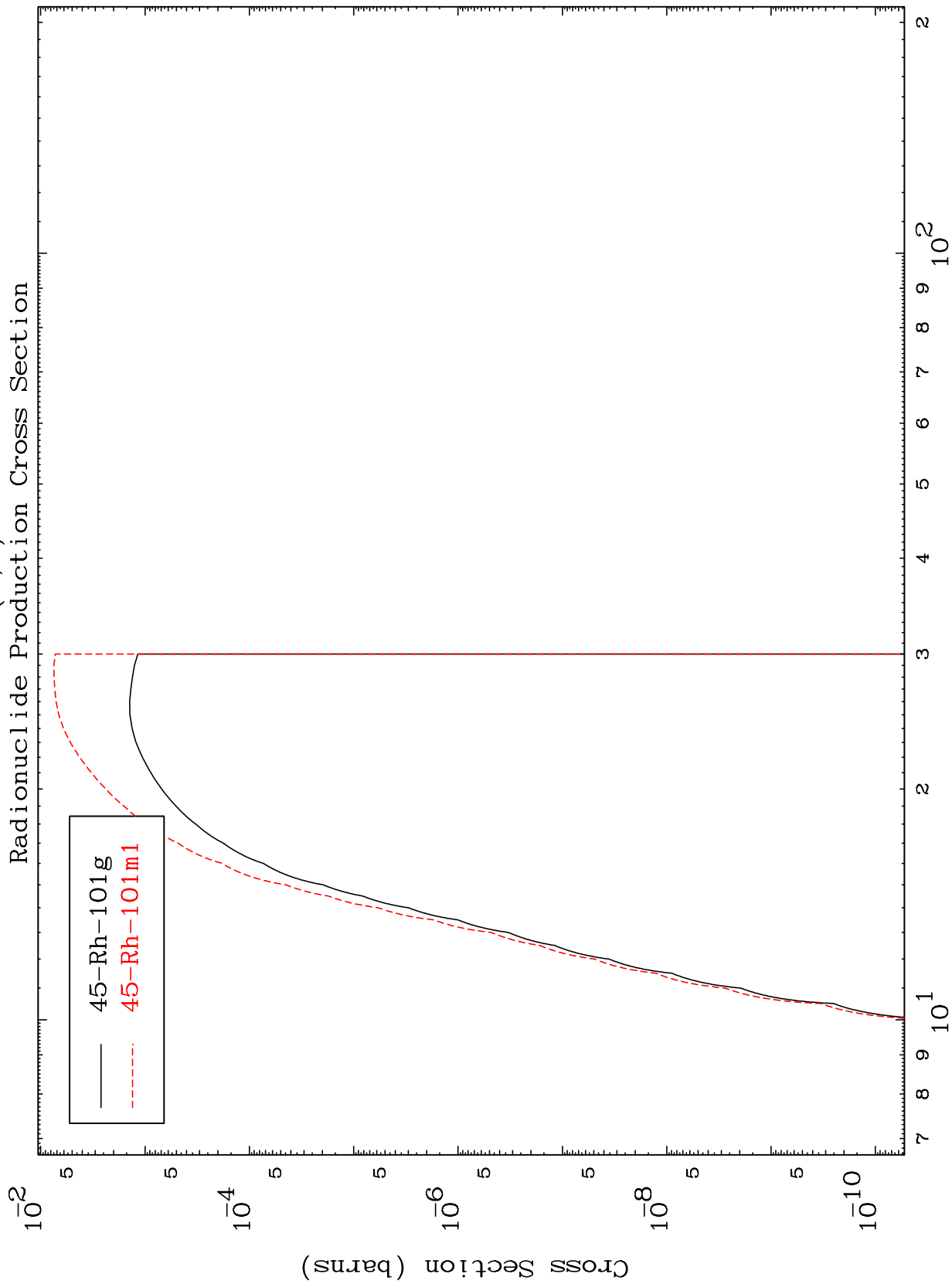
Incident Energy (MeV)

46-Pd-103

MAT 4628

46-Pd-103

(n, t)
Radionuclide Production Cross Section



147

Incident Energy (MeV)

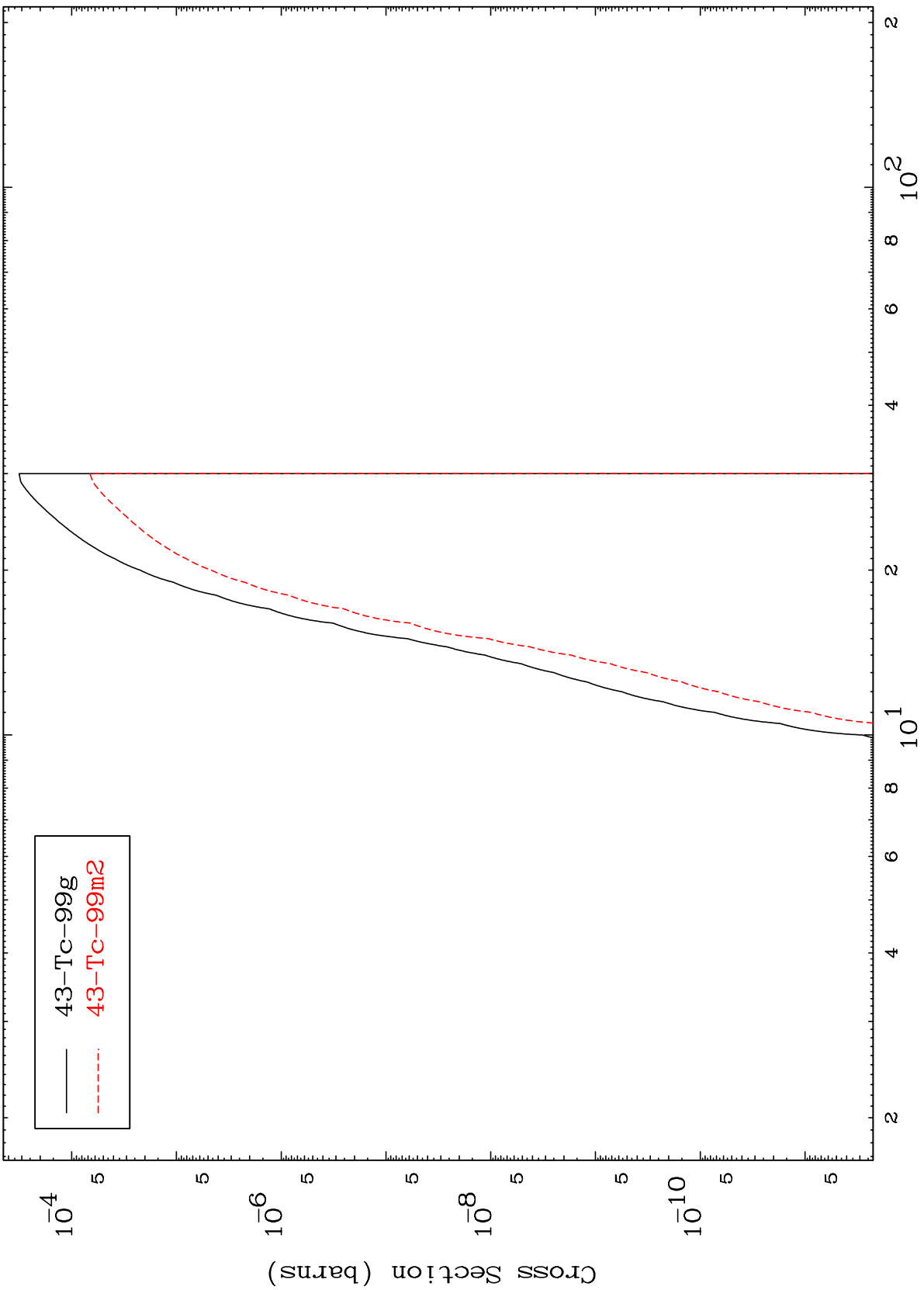
46-Pd-103

MAT 4628

(n,p) α

46-Pd-103

Radionuclide Production Cross Section



— 43-Tc-99g
- - - 43-Tc-99m2

148

Incident Energy (MeV)

46-Pd-103