

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
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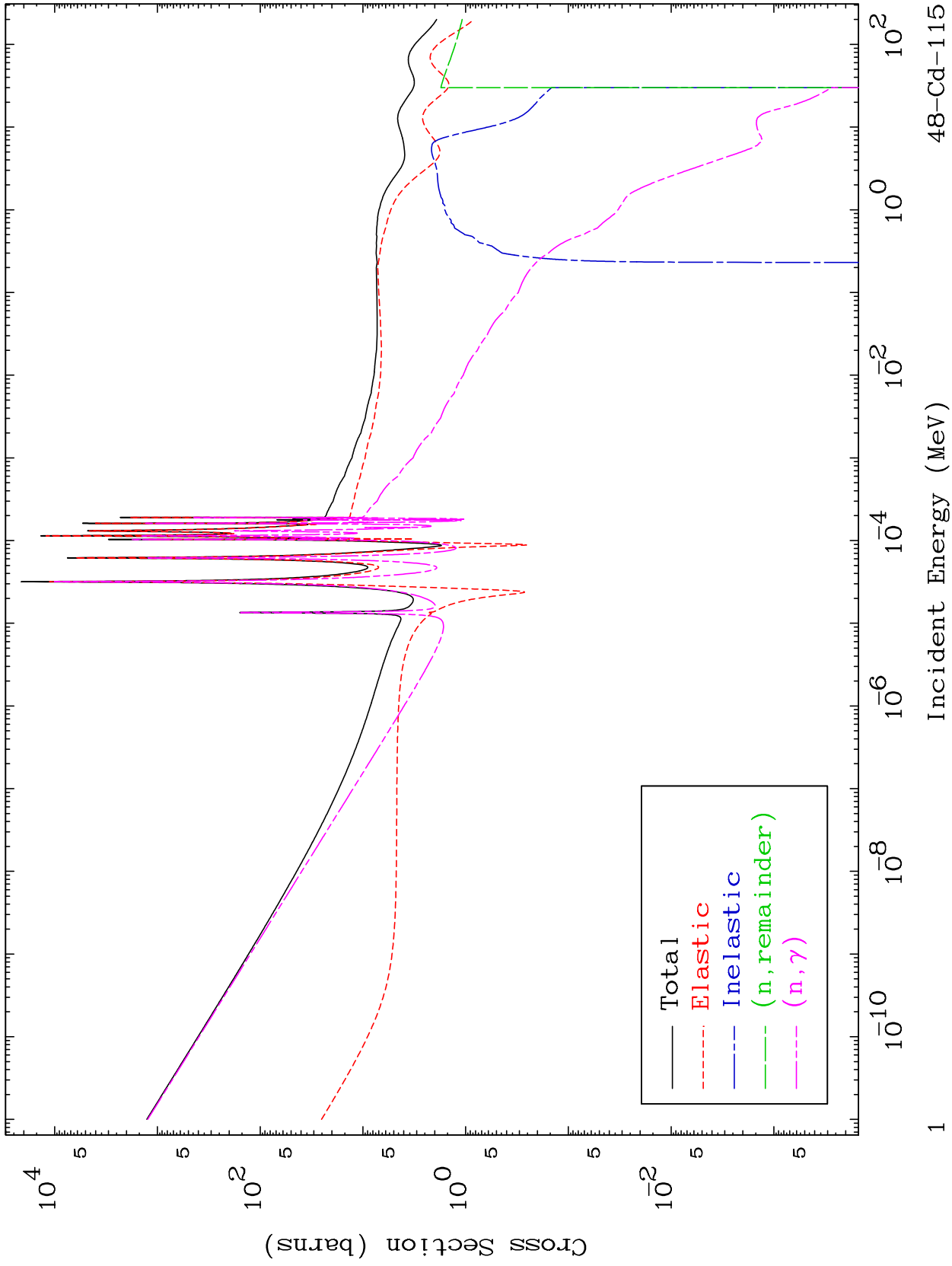
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4852

Major
293 Kelvin Cross Sections

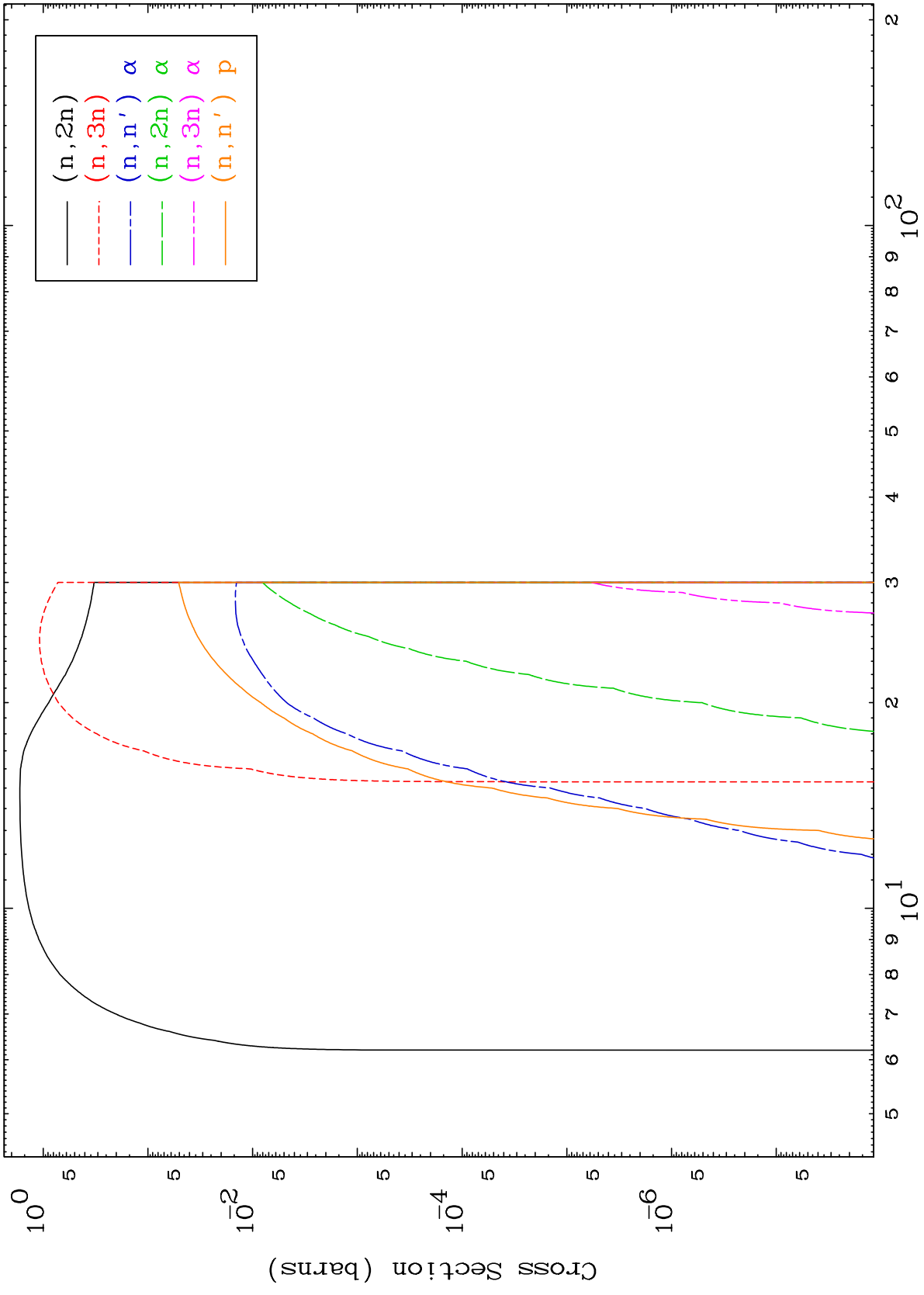
48-Cd-115



MAT 4852

Neutron Production
293 Kelvin Cross Sections

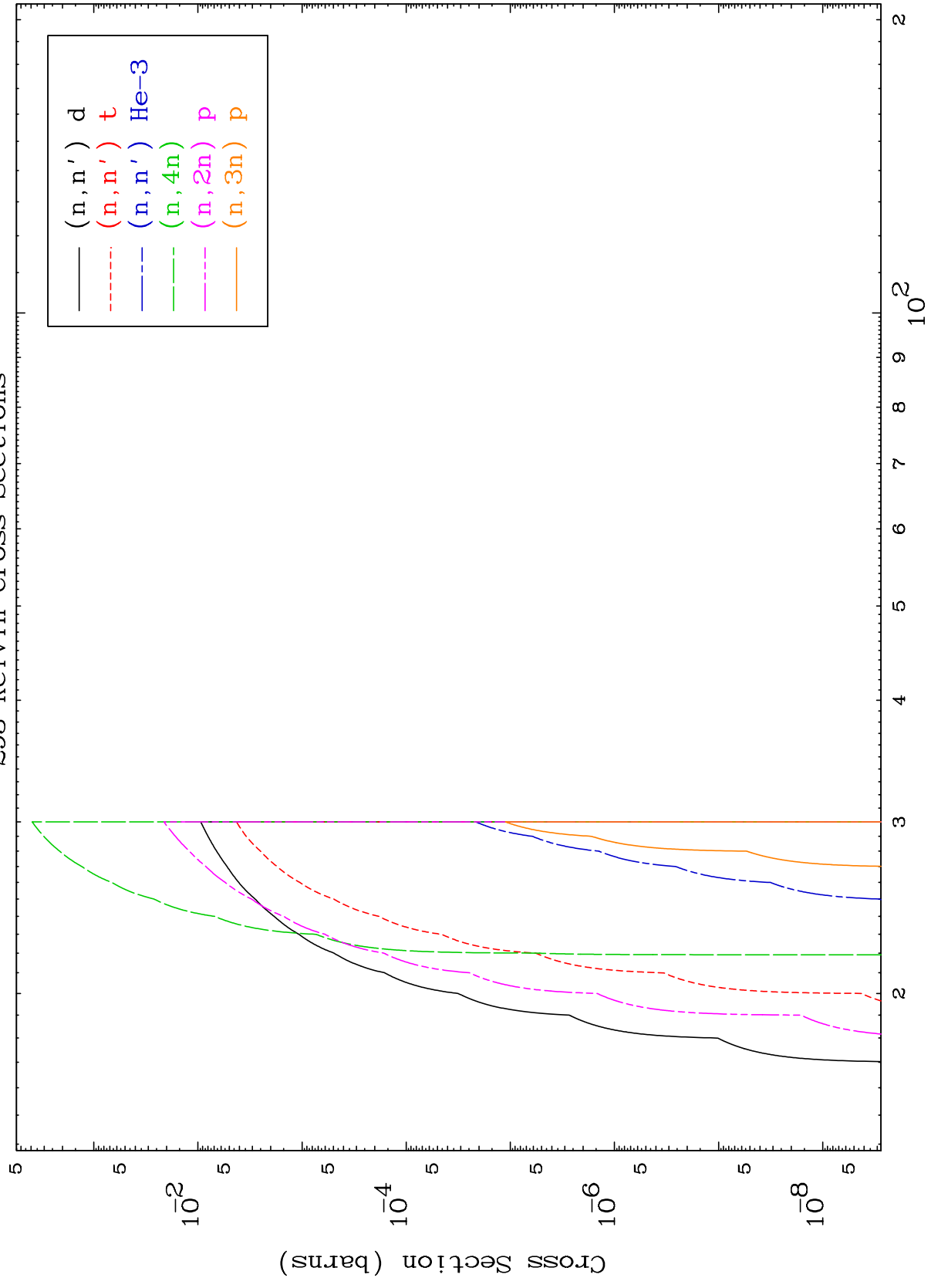
48-Cd-115

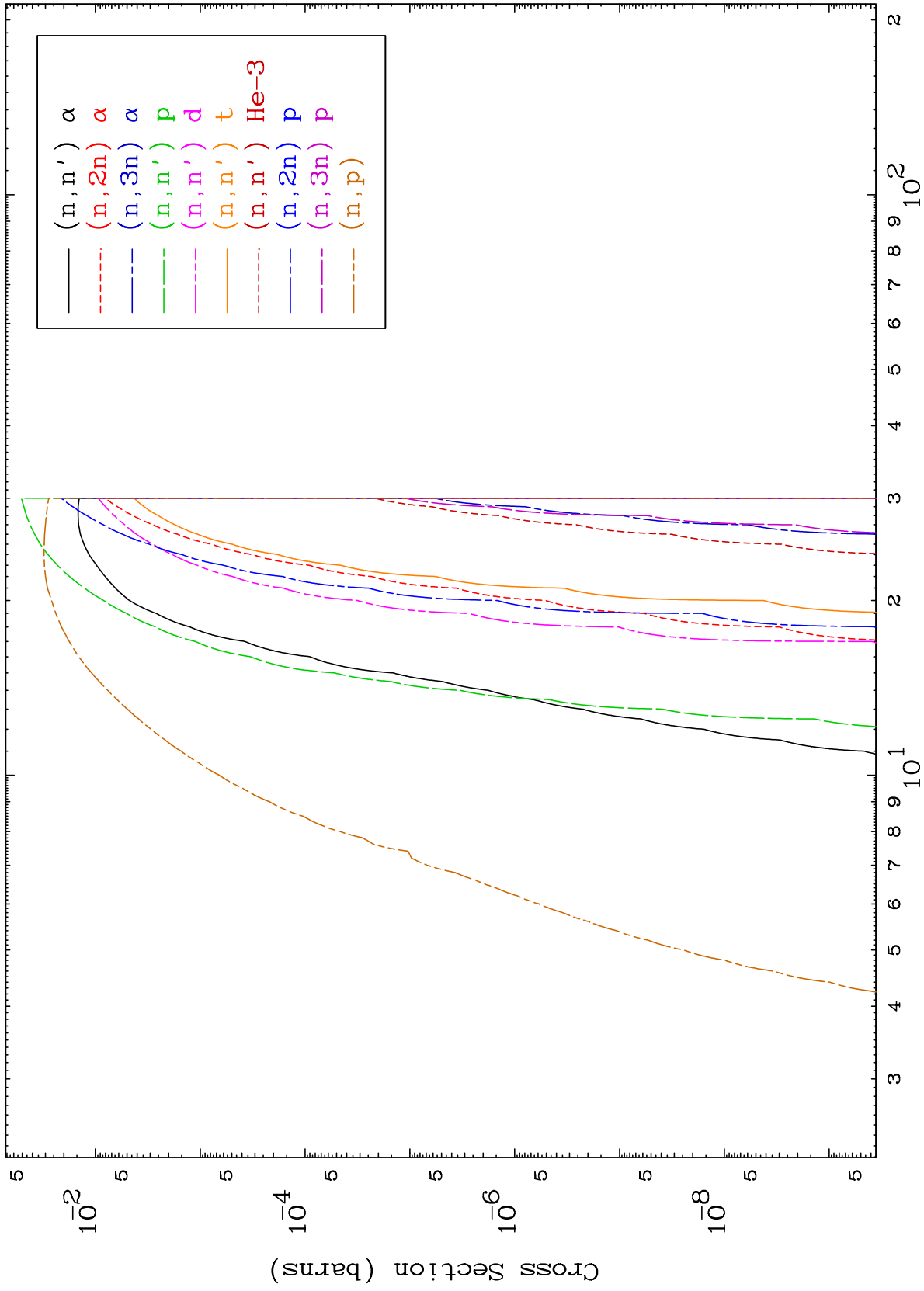


2

Incident Energy (MeV)

48-Cd-115

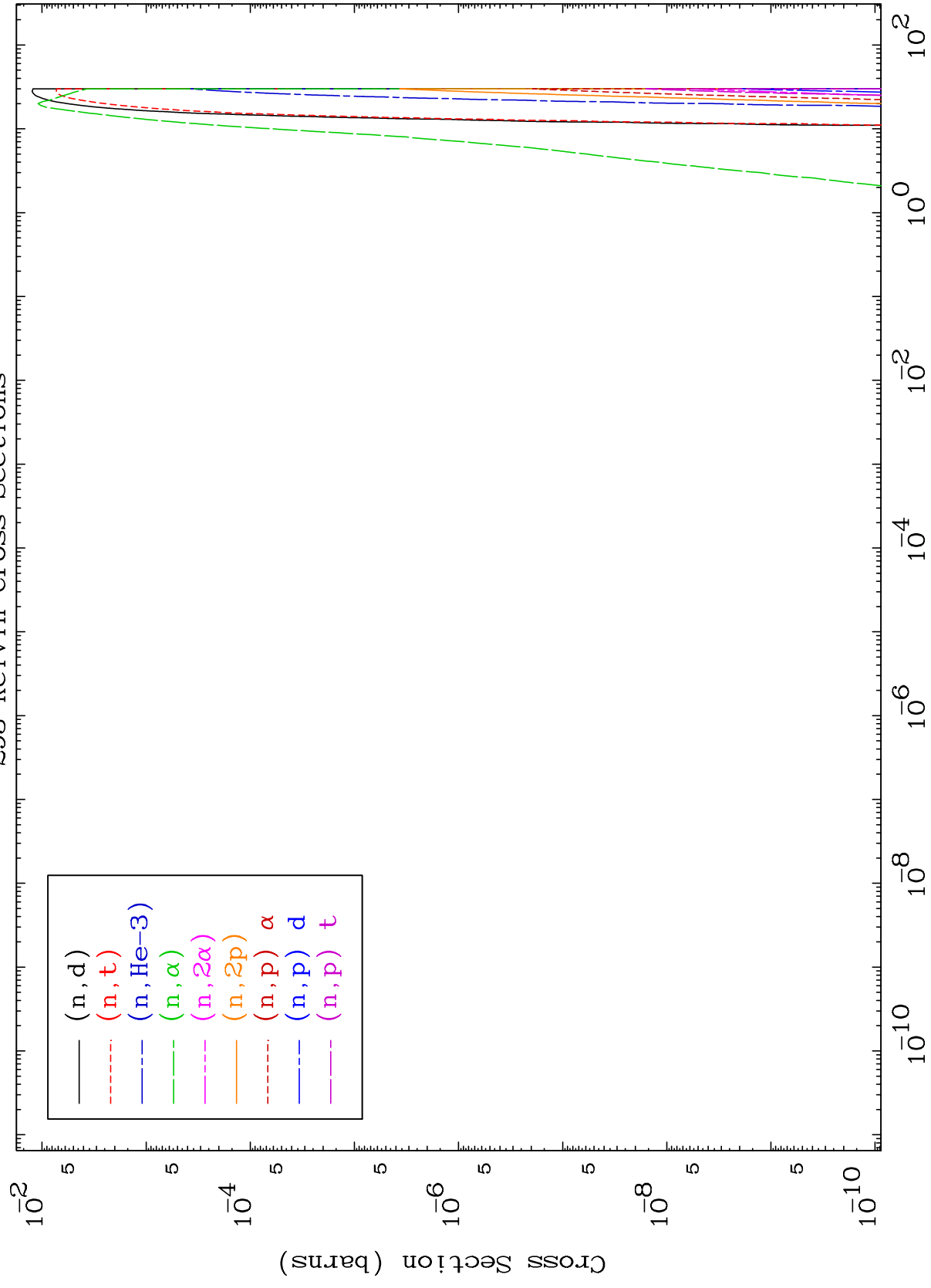




MAT 4852

293 Kelvin Cross Sections

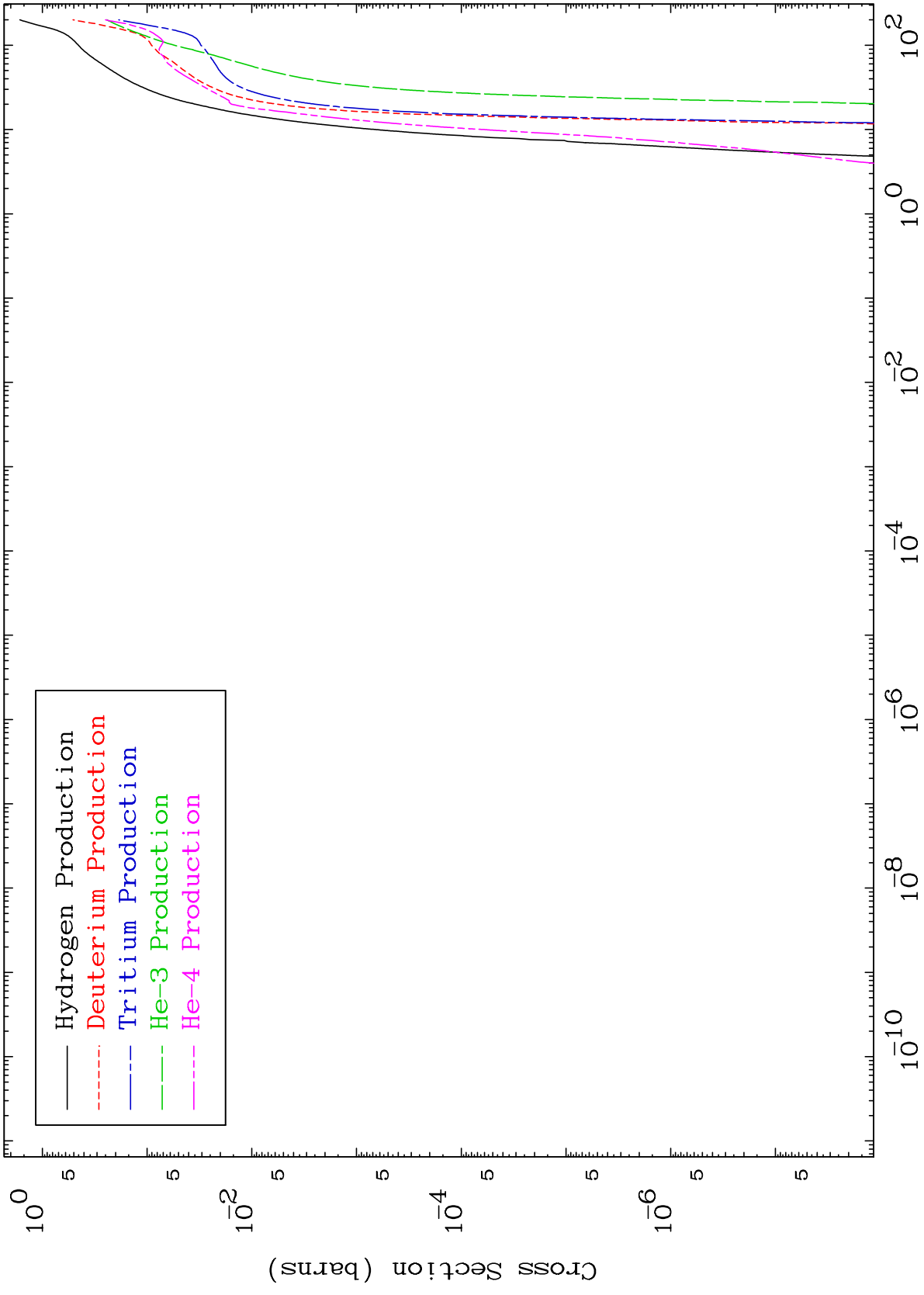
48-Cd-115



MAT 4852

Particle Production
293 Kelvin Cross Sections

48-Cd-115

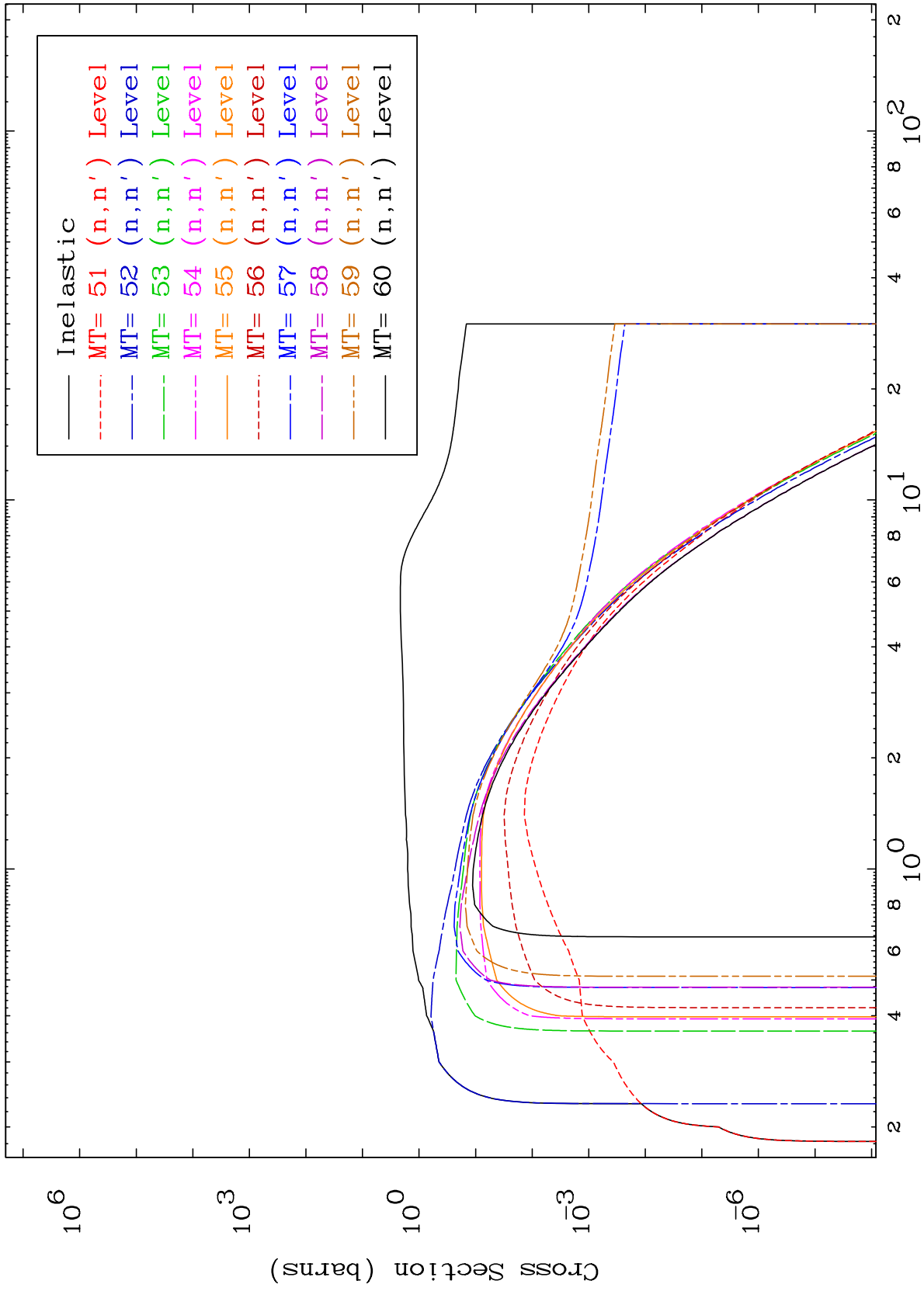


MAT 4852

(n,n') Level

48-Cd-115

293 Kelvin Cross Sections



7

Incident Energy (MeV)

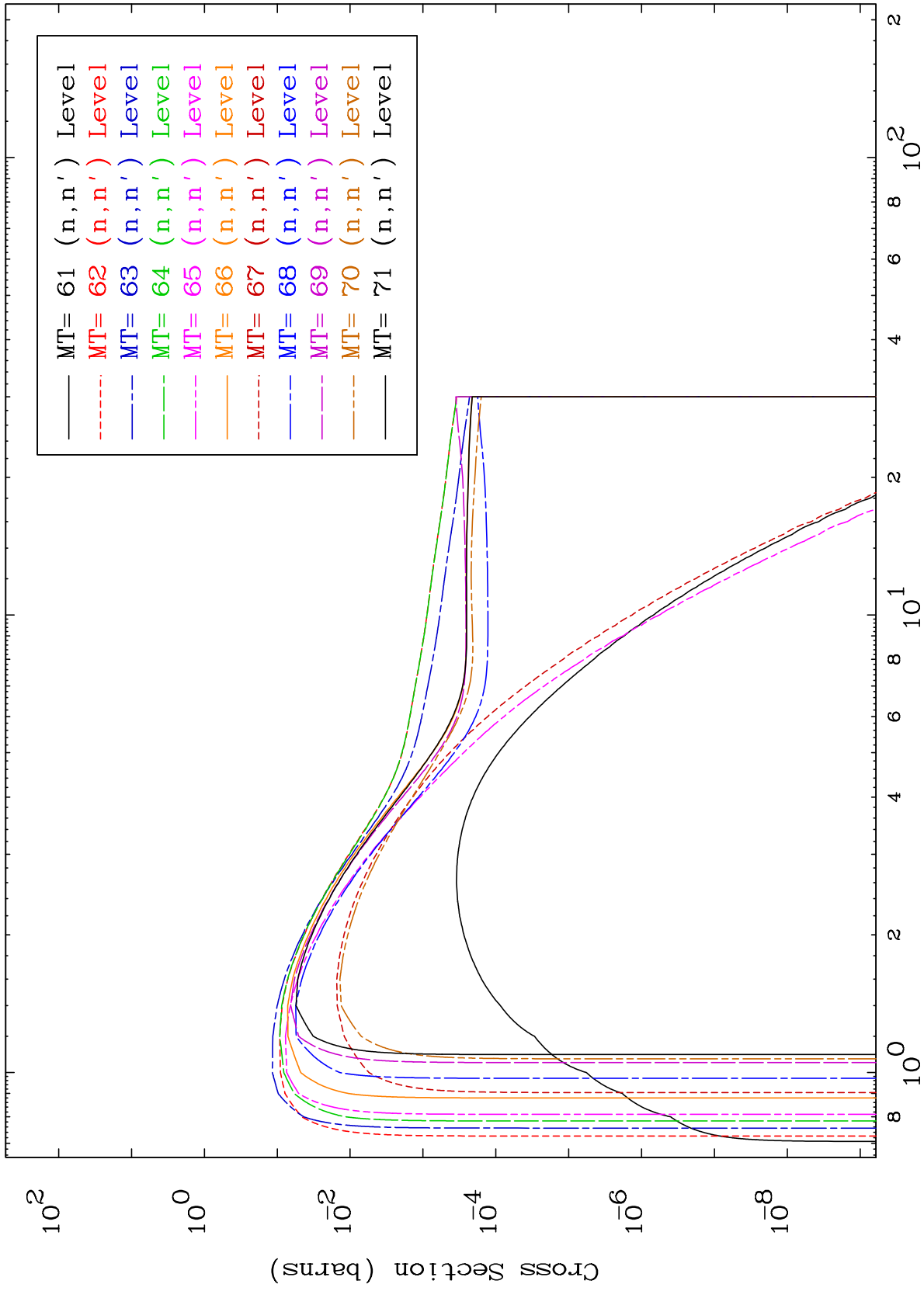
48-Cd-115

MAT 4852

(n,n') Level

48-Cd-115

293 Kelvin Cross Sections



8

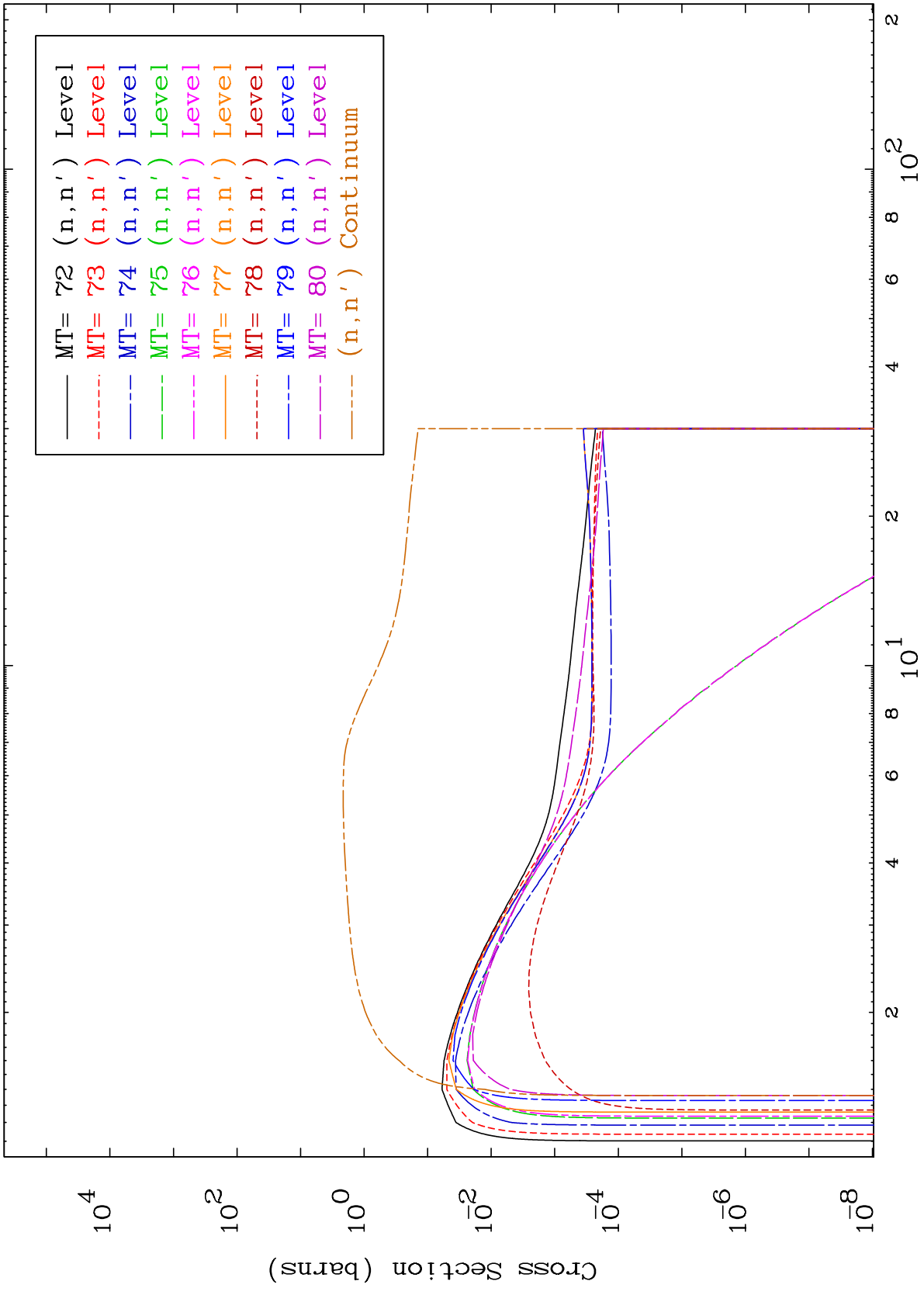
Incident Energy (MeV)

48-Cd-115

MAT 4852

(n,n') Level
293 Kelvin Cross Sections

48-Cd-115



9

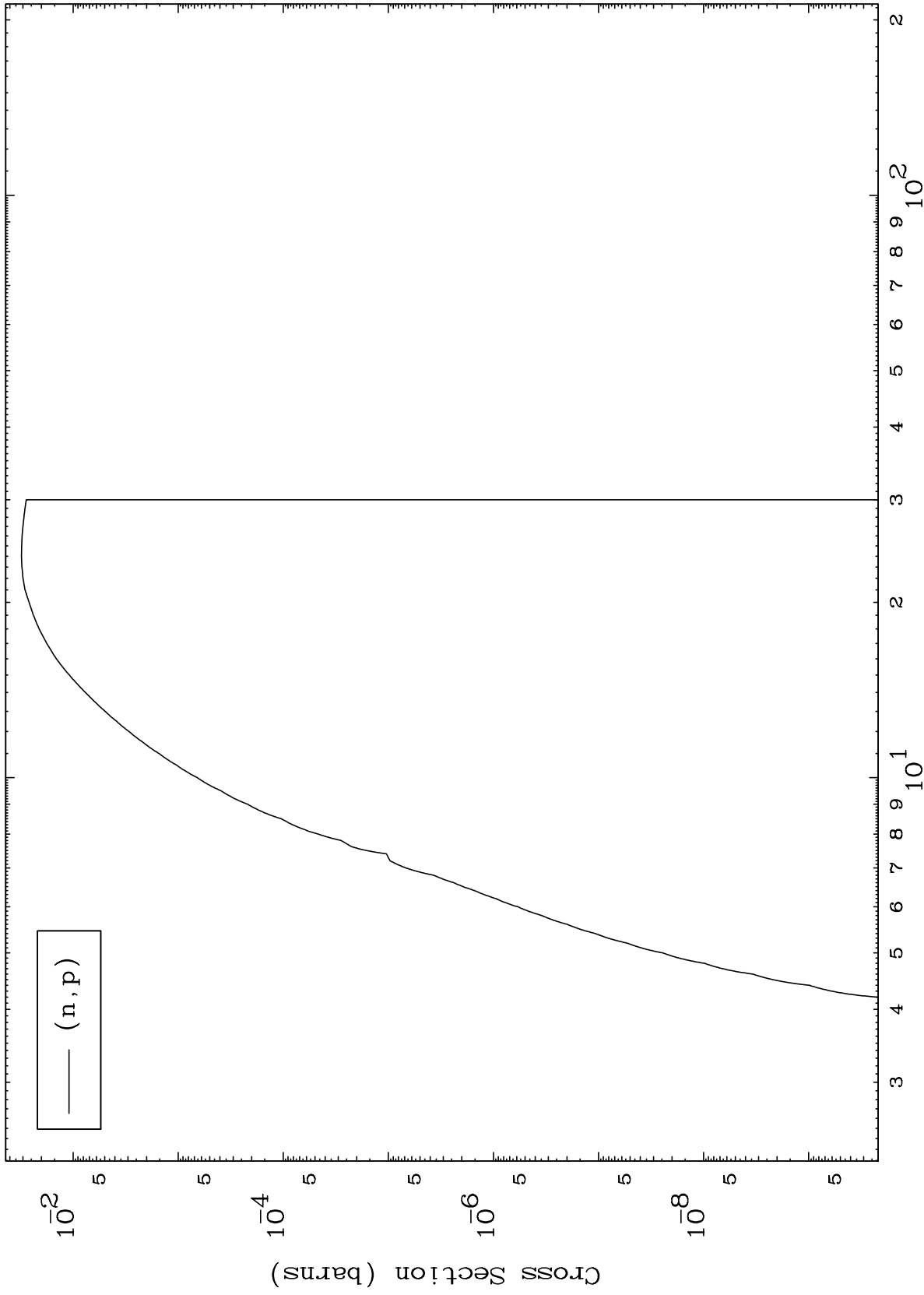
Incident Energy (MeV)

48-Cd-115

MAT 4852

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-115



10

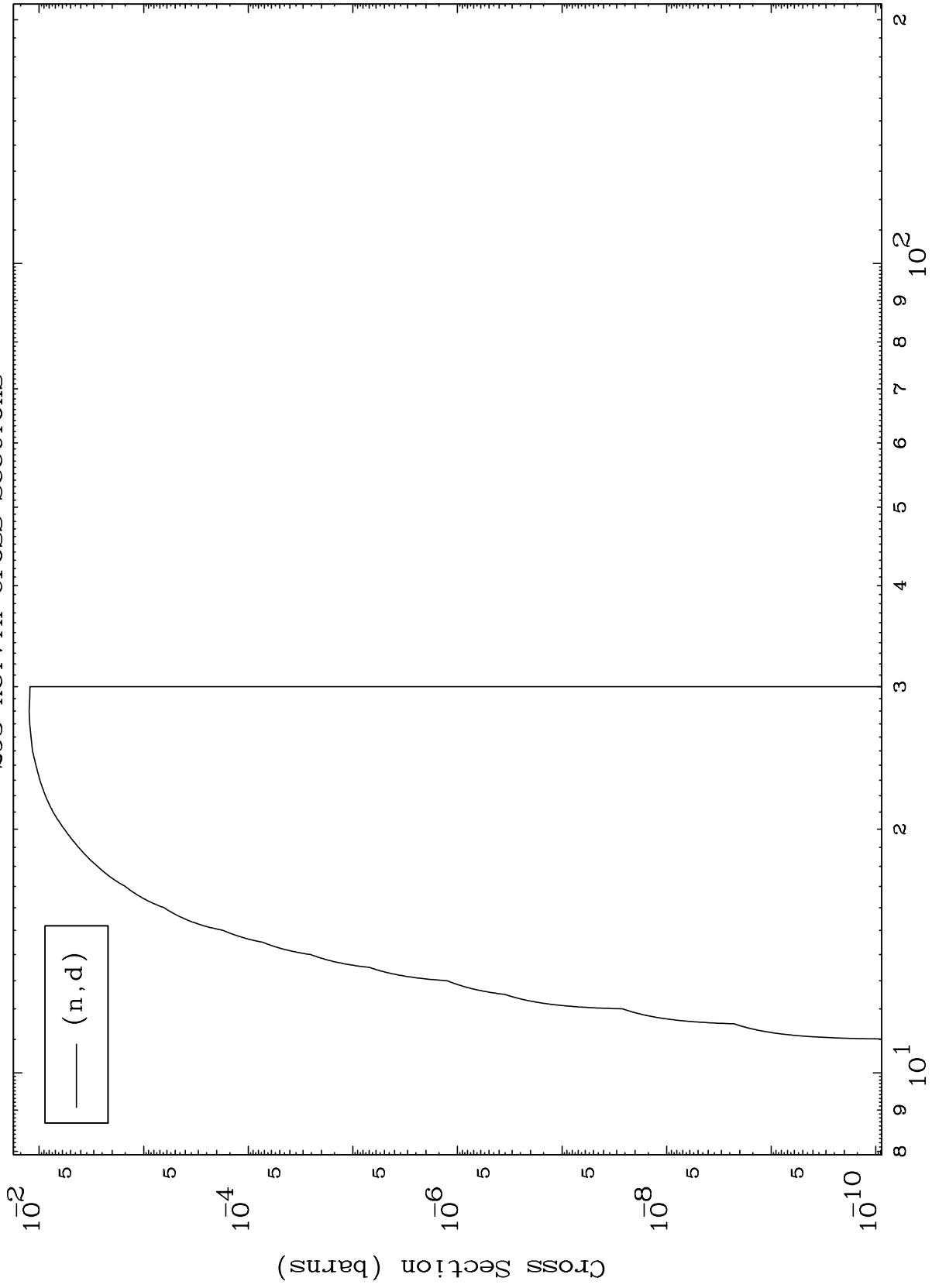
Incident Energy (MeV)

48-Cd-115

MAT 4852

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-115



11

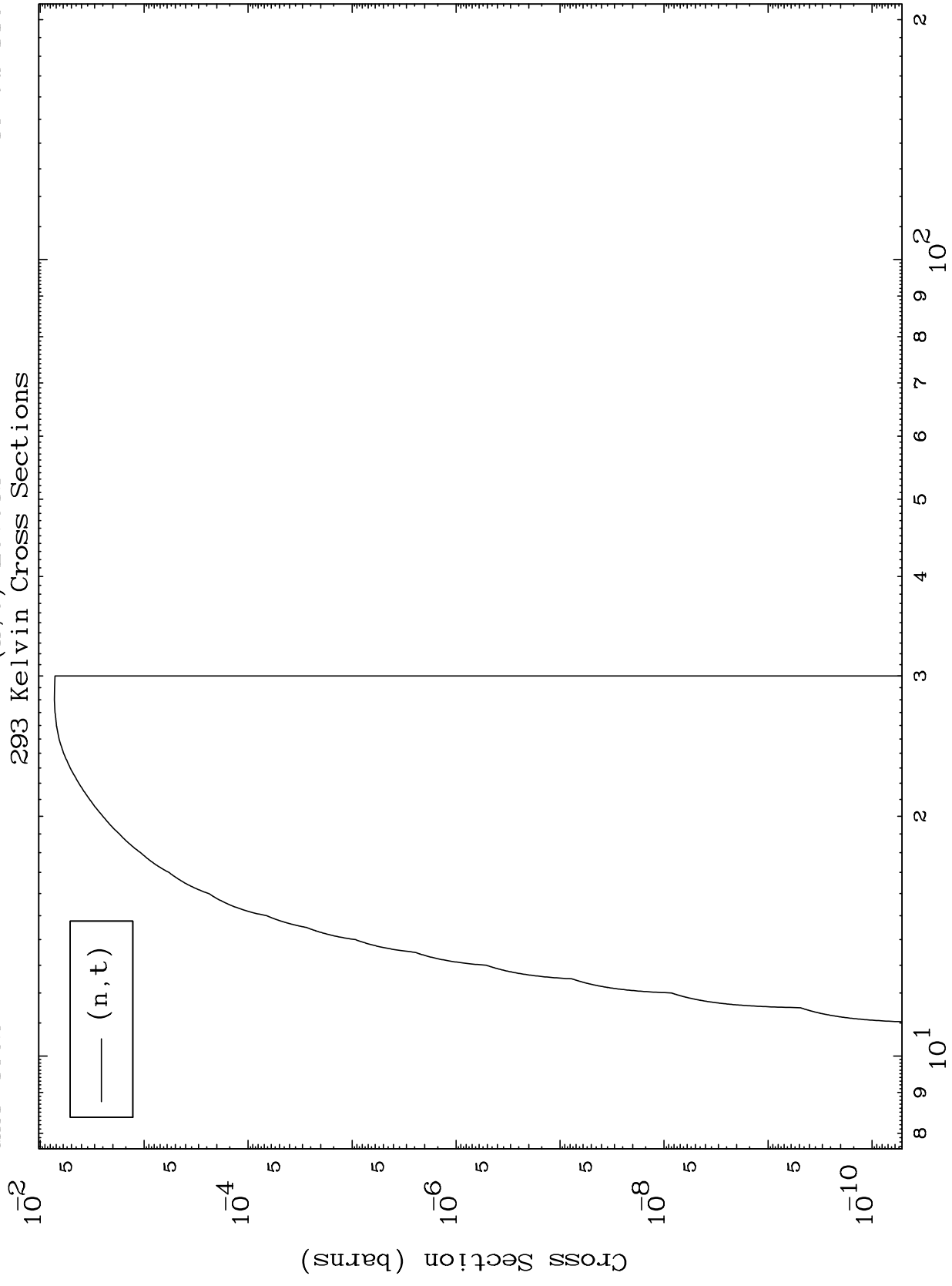
Incident Energy (MeV)

48-Cd-115

MAT 4852

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-115



12

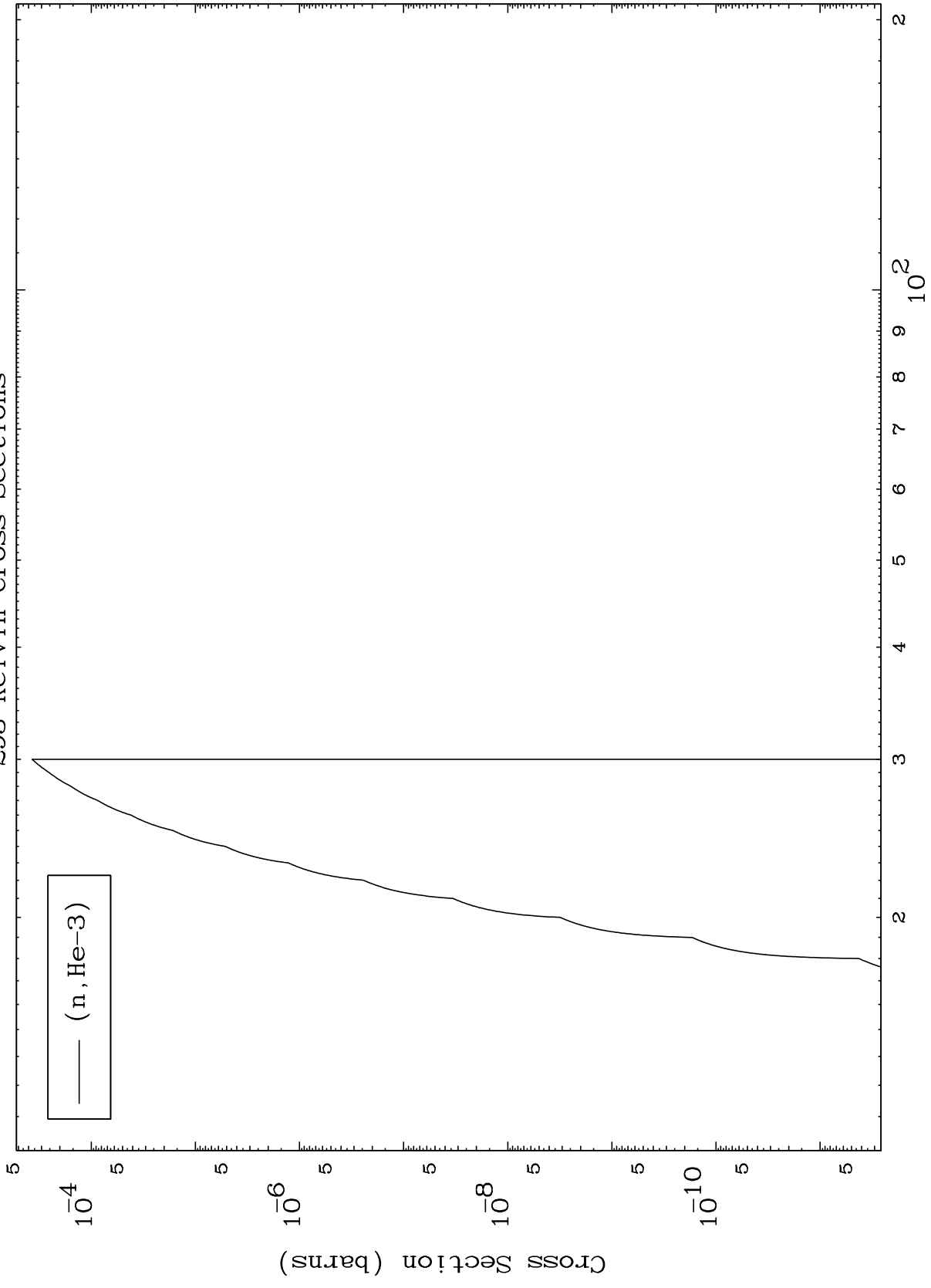
Incident Energy (MeV)

48-Cd-115

MAT 4852

(n,He3) Levels
293 Kelvin Cross Sections

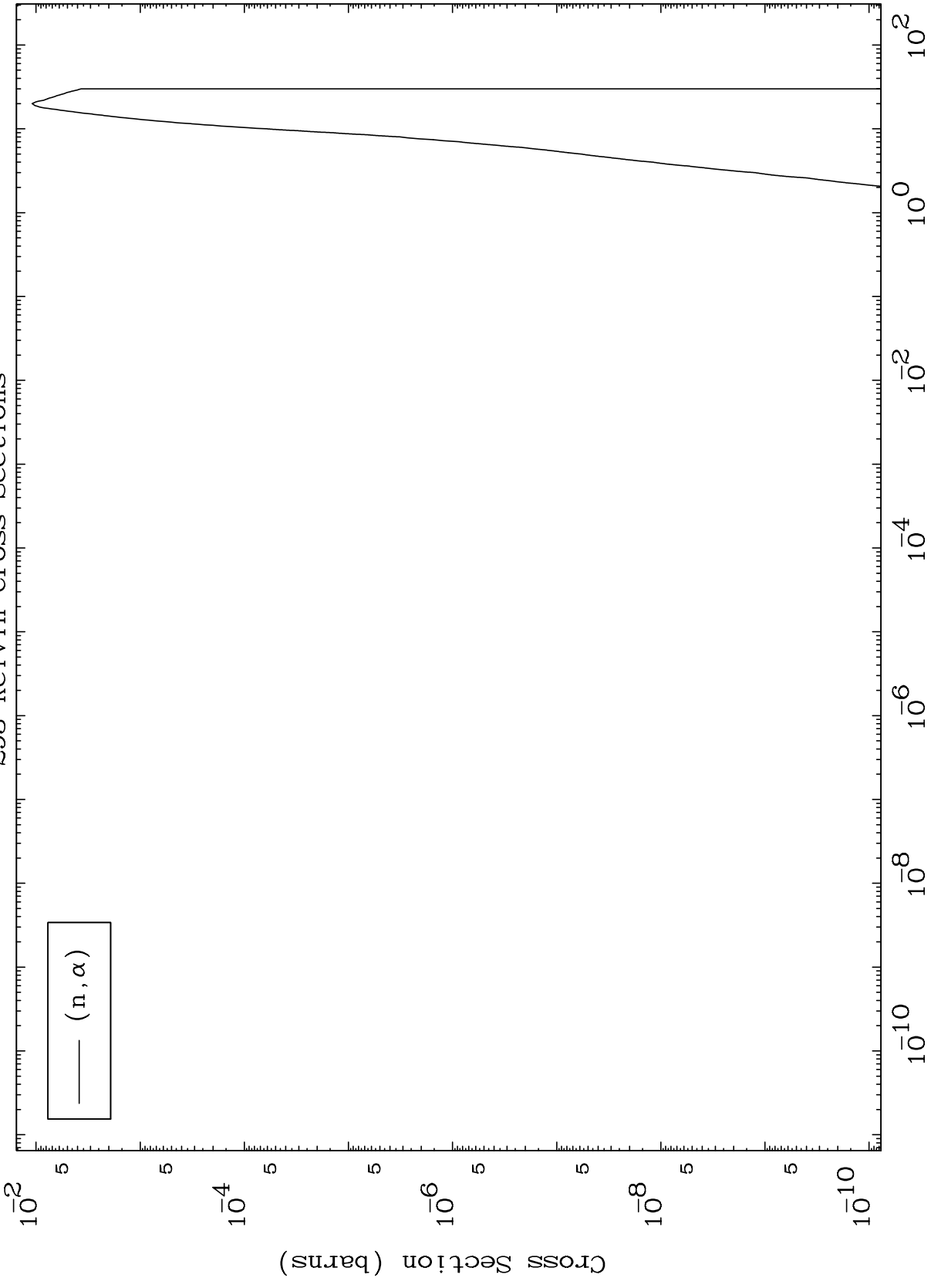
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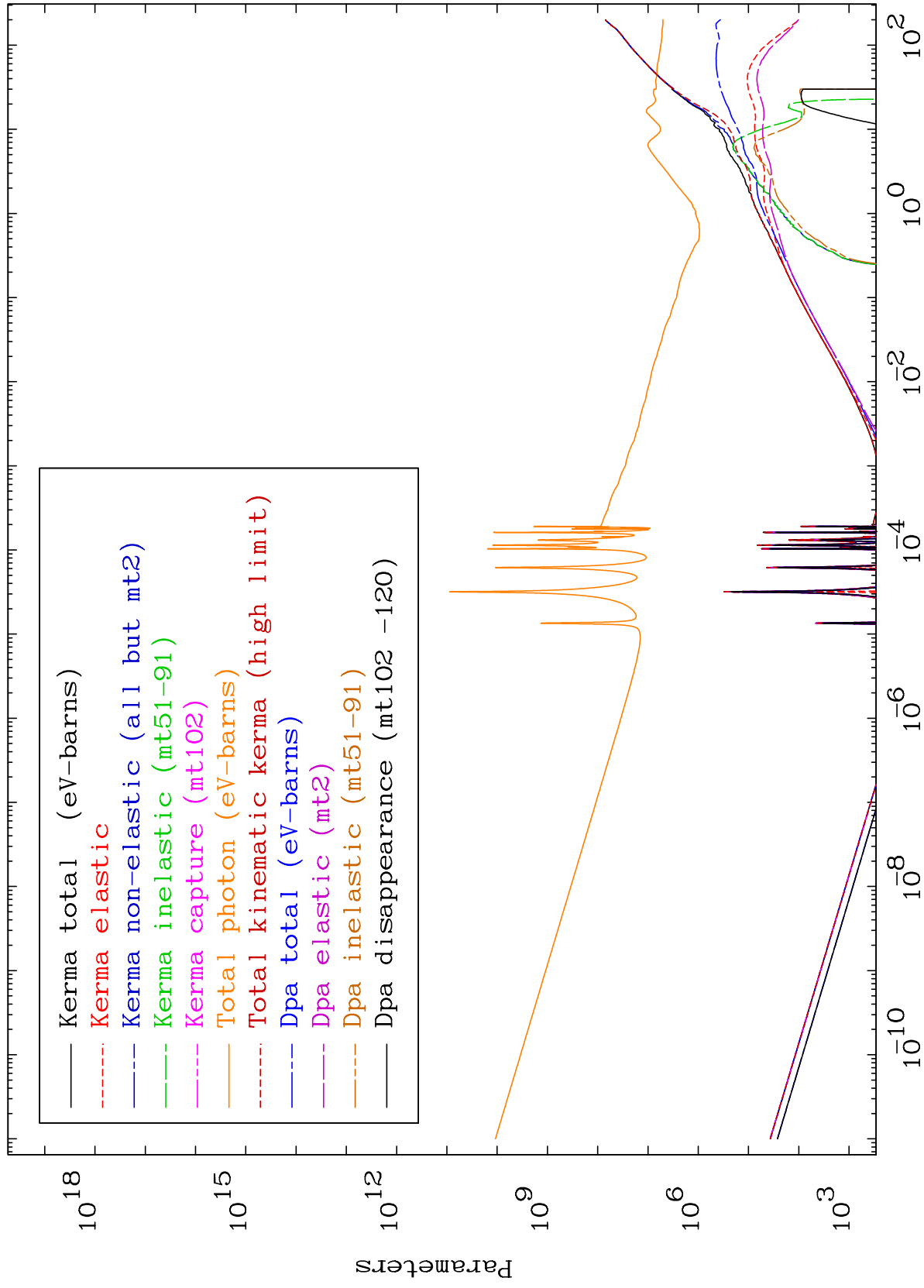


MAT 4852

(n,α) Levels
293 Kelvin Cross Sections

48-Cd-115

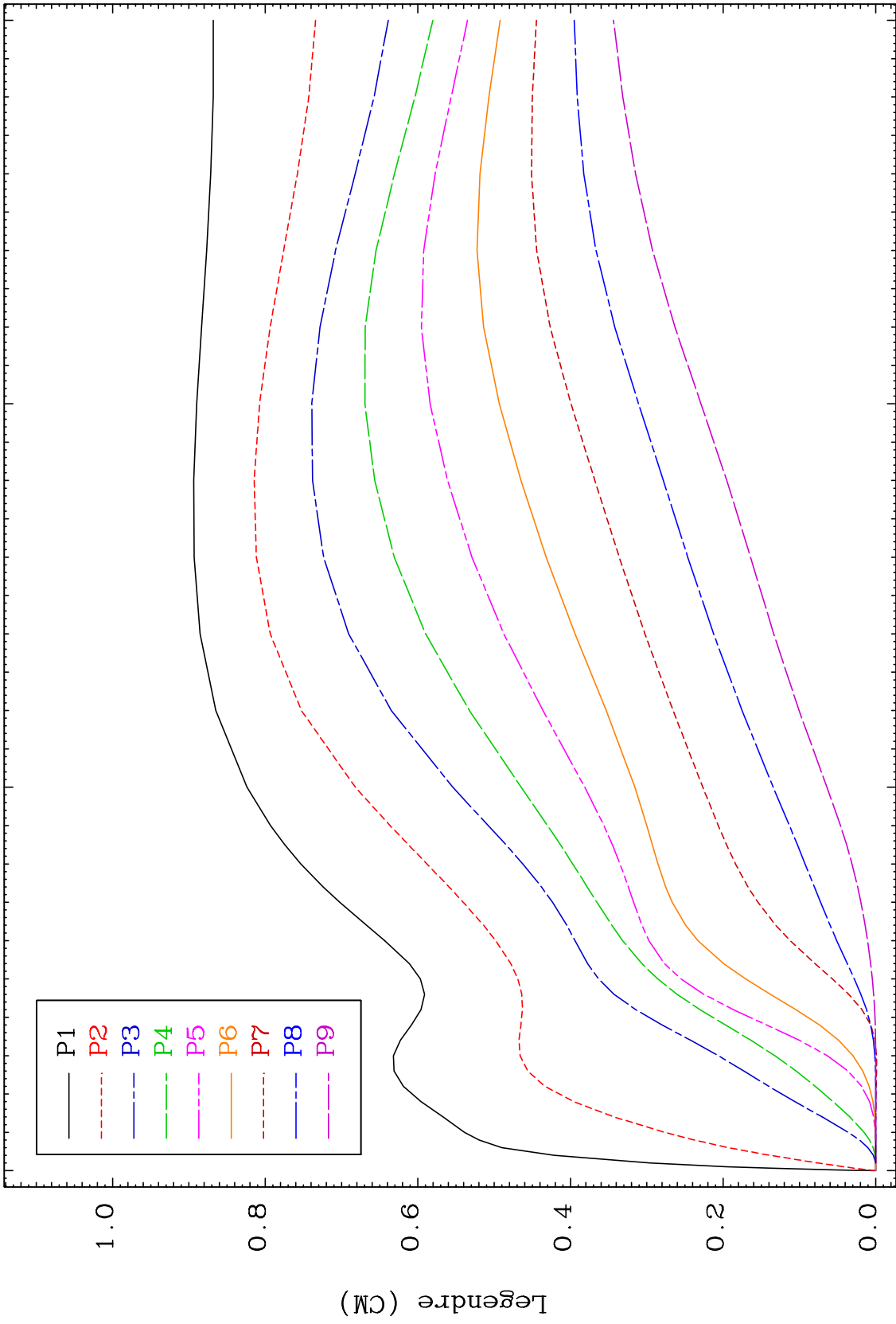




MAT 4852

Elastic Legendre Coefficients

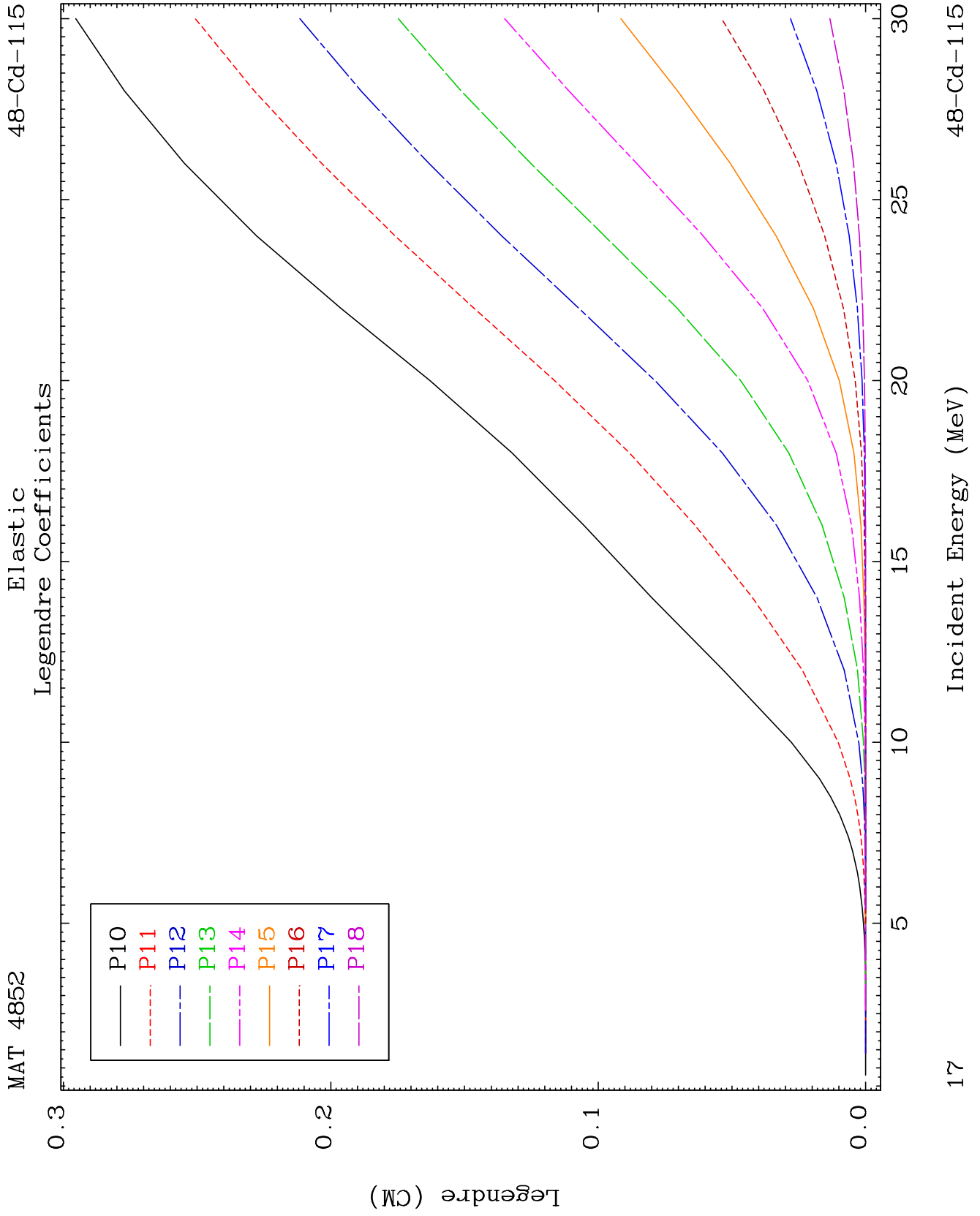
48-Cd-115



16

Incident Energy (MeV)

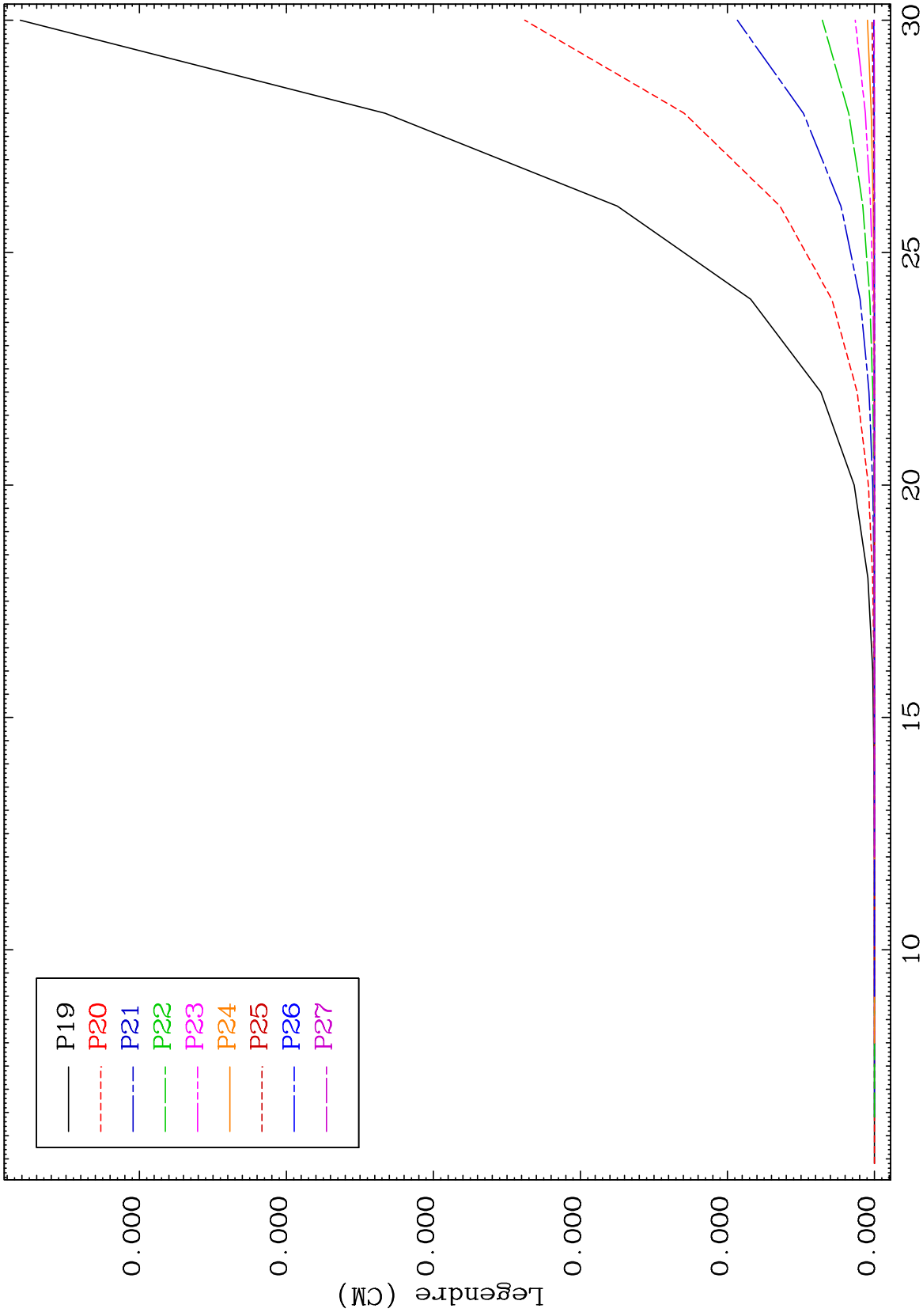
48-Cd-115



MAT 4852

Elastic Legendre Coefficients

48-Cd-115



18

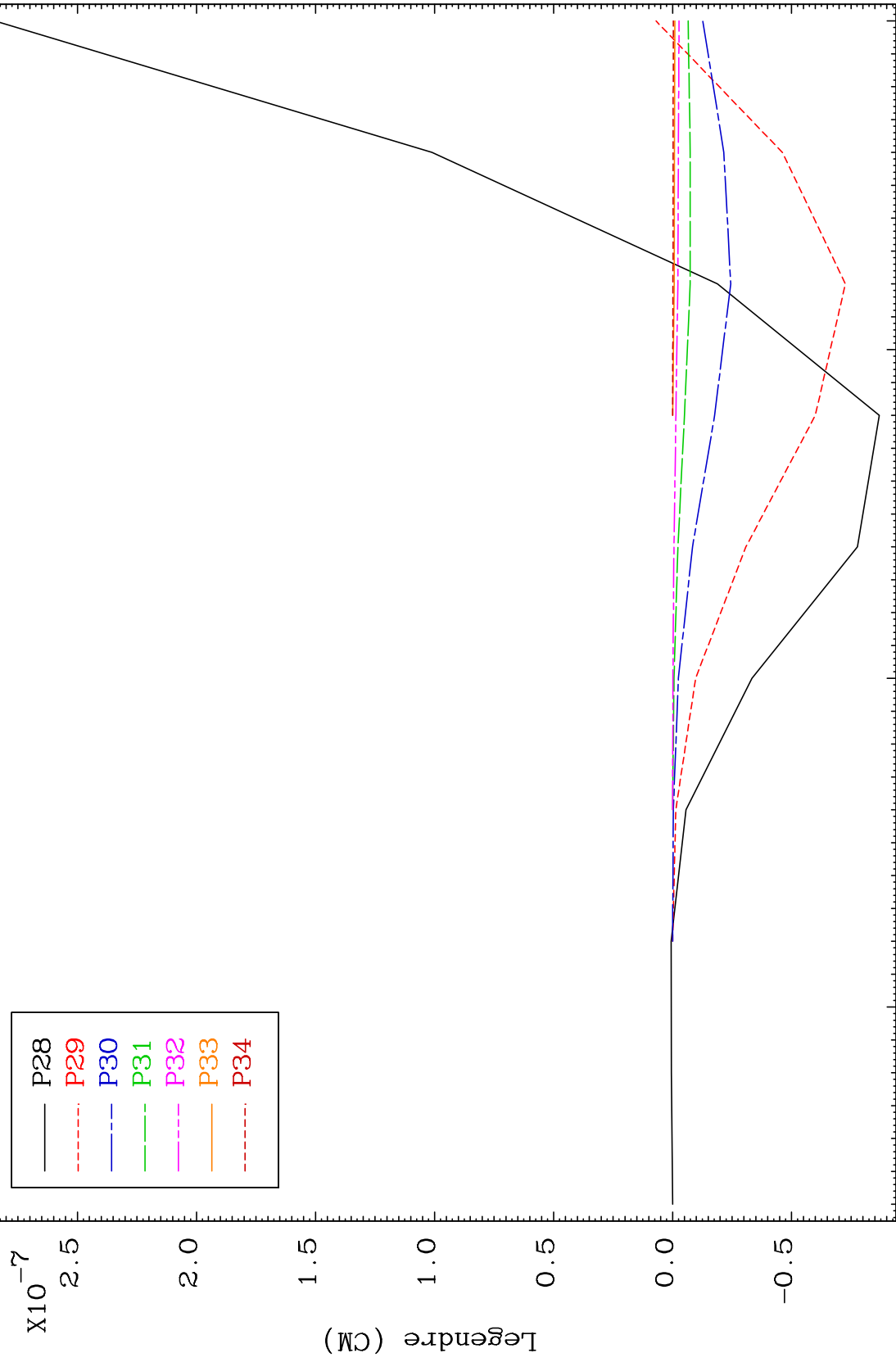
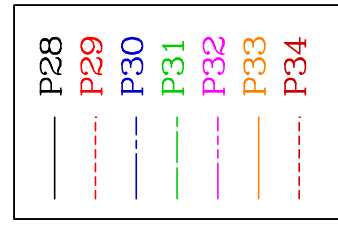
Incident Energy (MeV)

48-Cd-115

MAT 4852

Elastic Legendre Coefficients

48-Cd-115



19

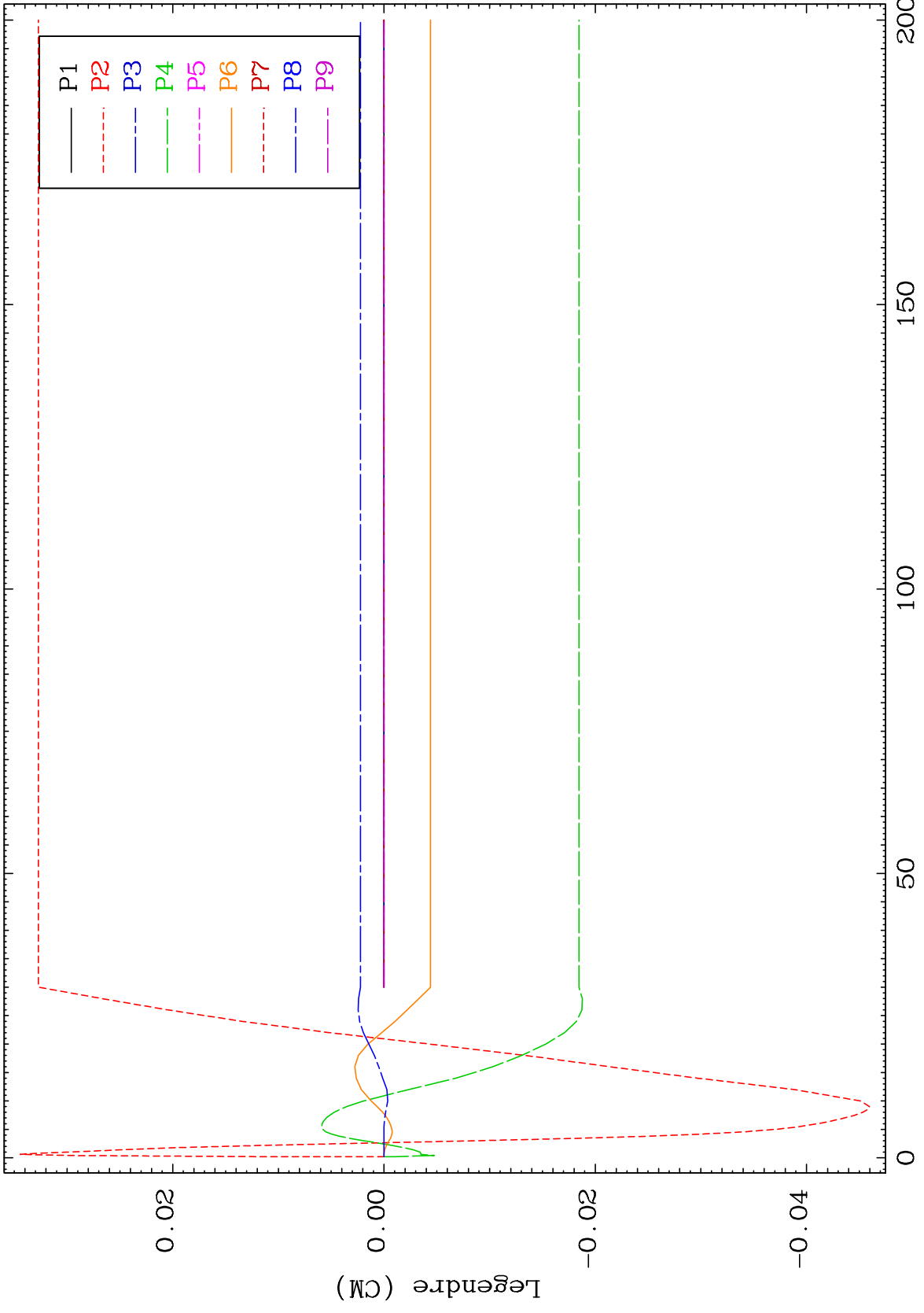
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



48-Cd-115

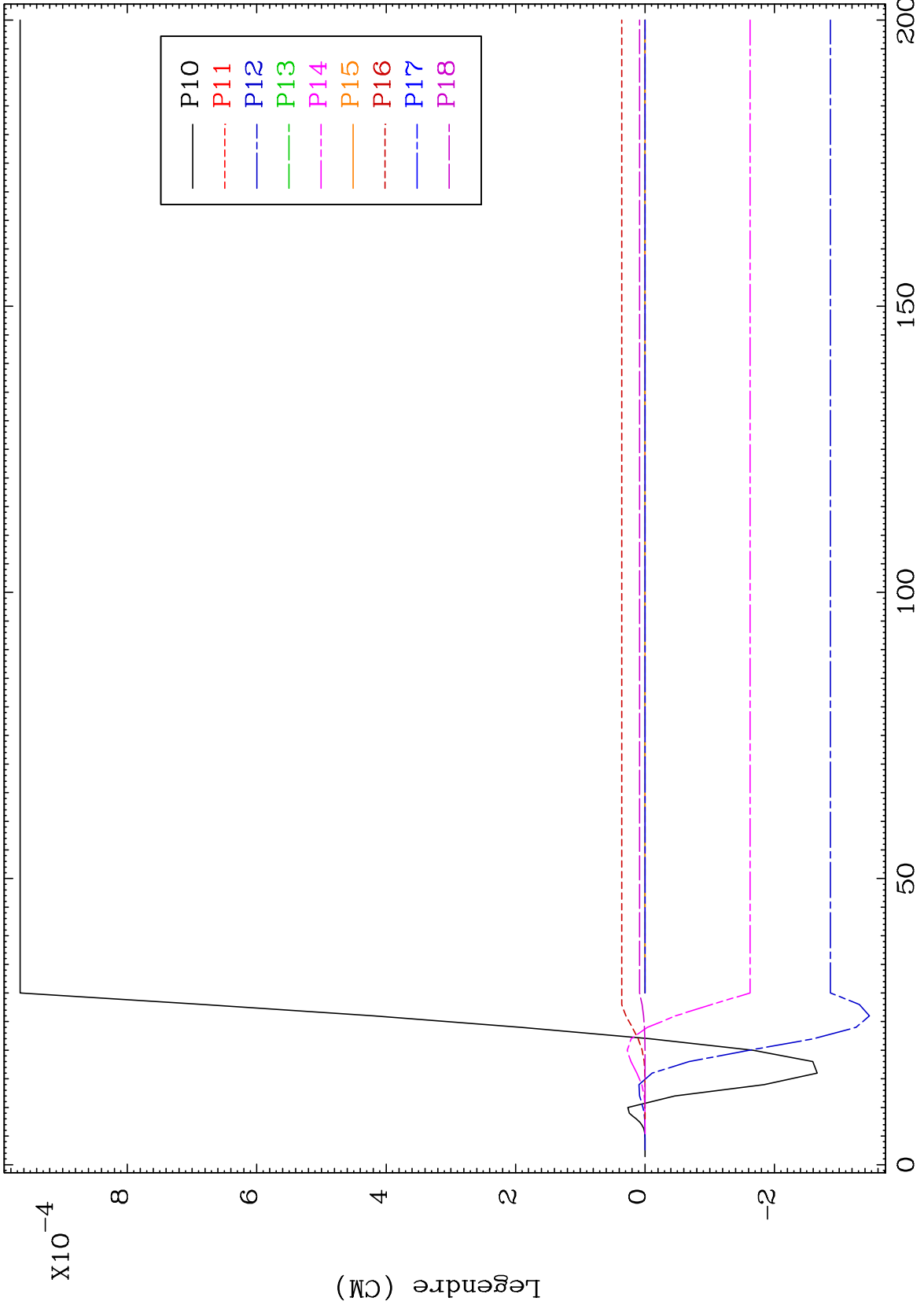
Incident Energy (MeV)

20

MAT 4852

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

48-Cd-115



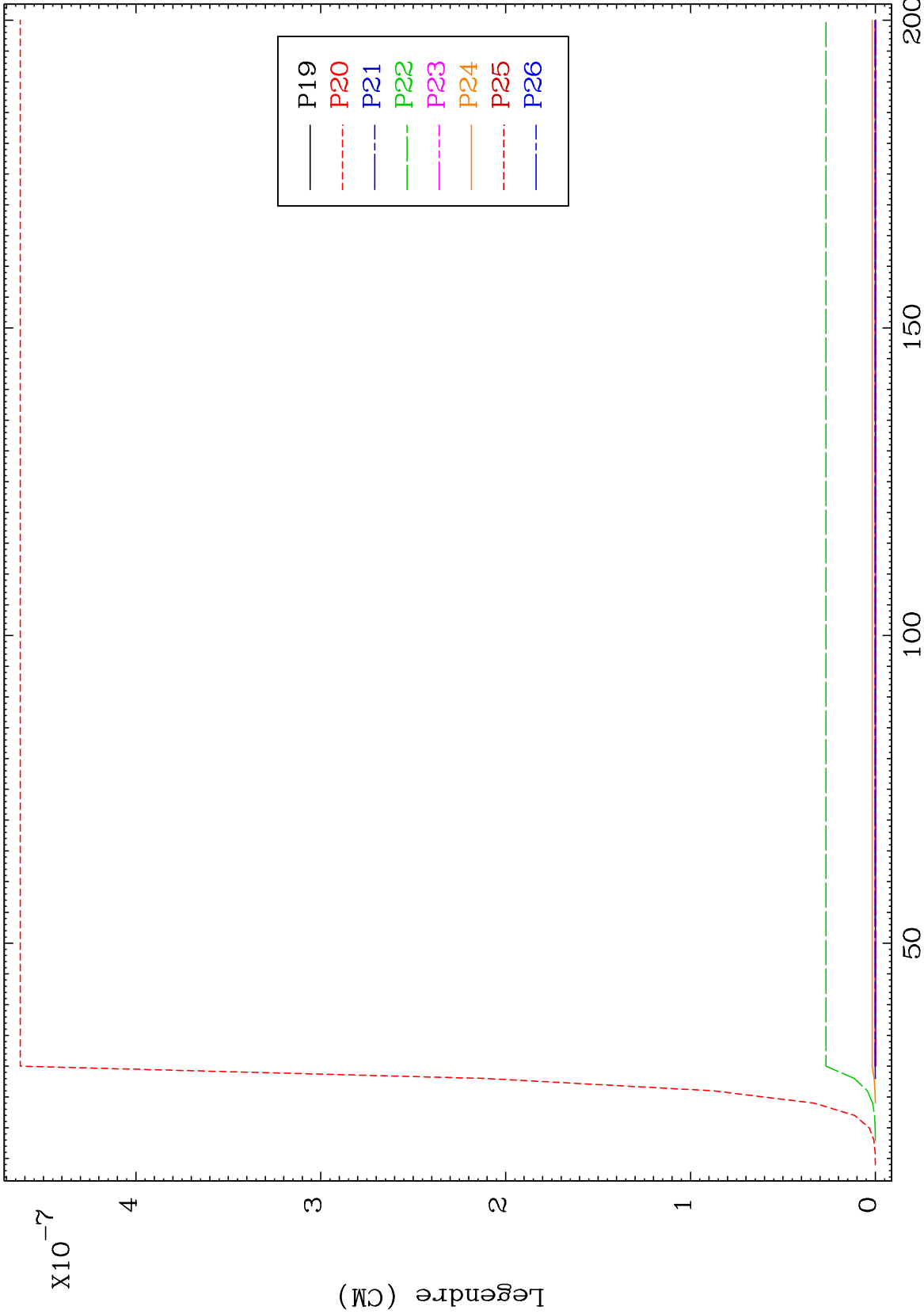
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48-Cd-115

MAT 4852

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

48-Cd-115



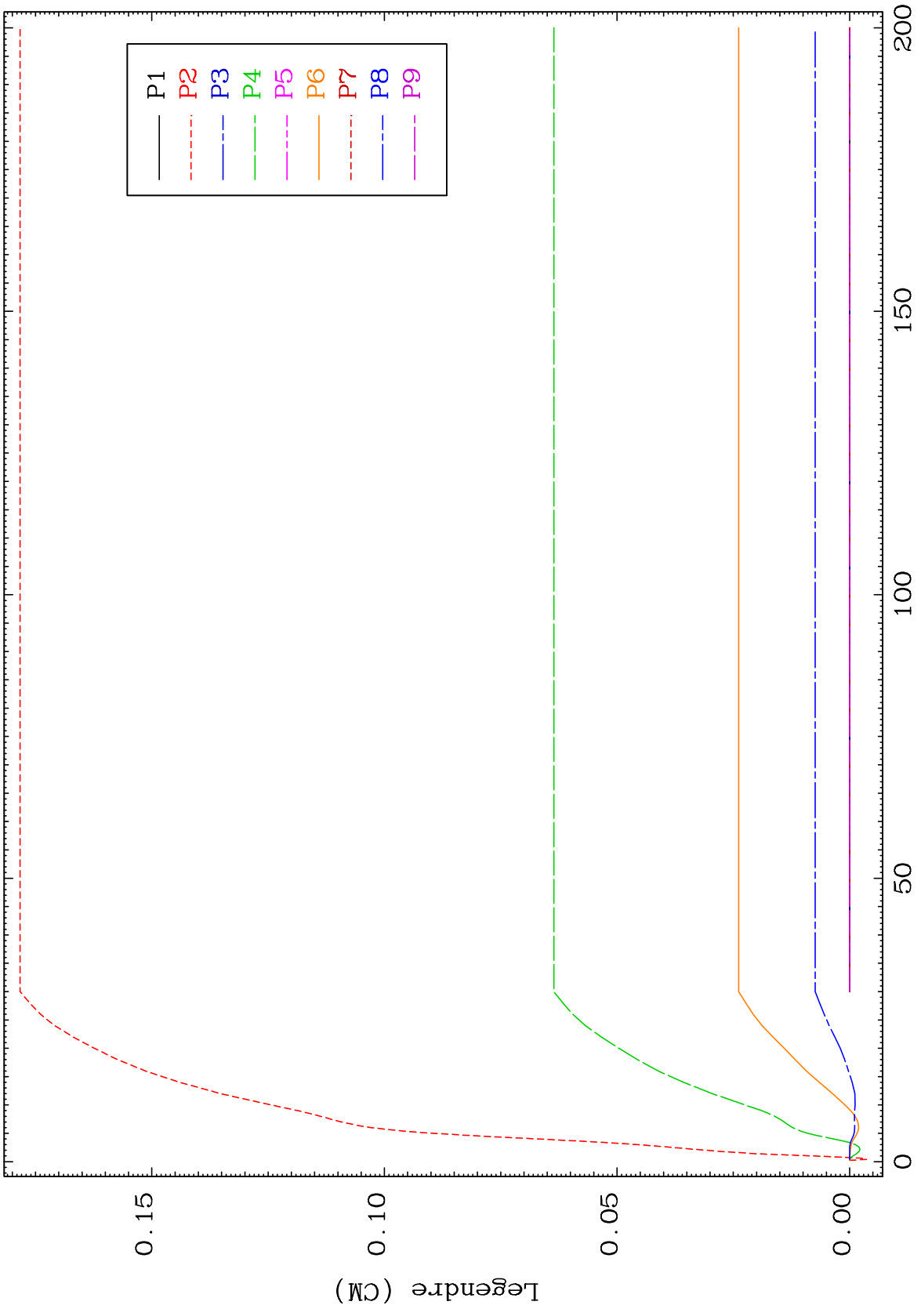
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48-Cd-115

MAT 4852

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

48-Cd-115



23

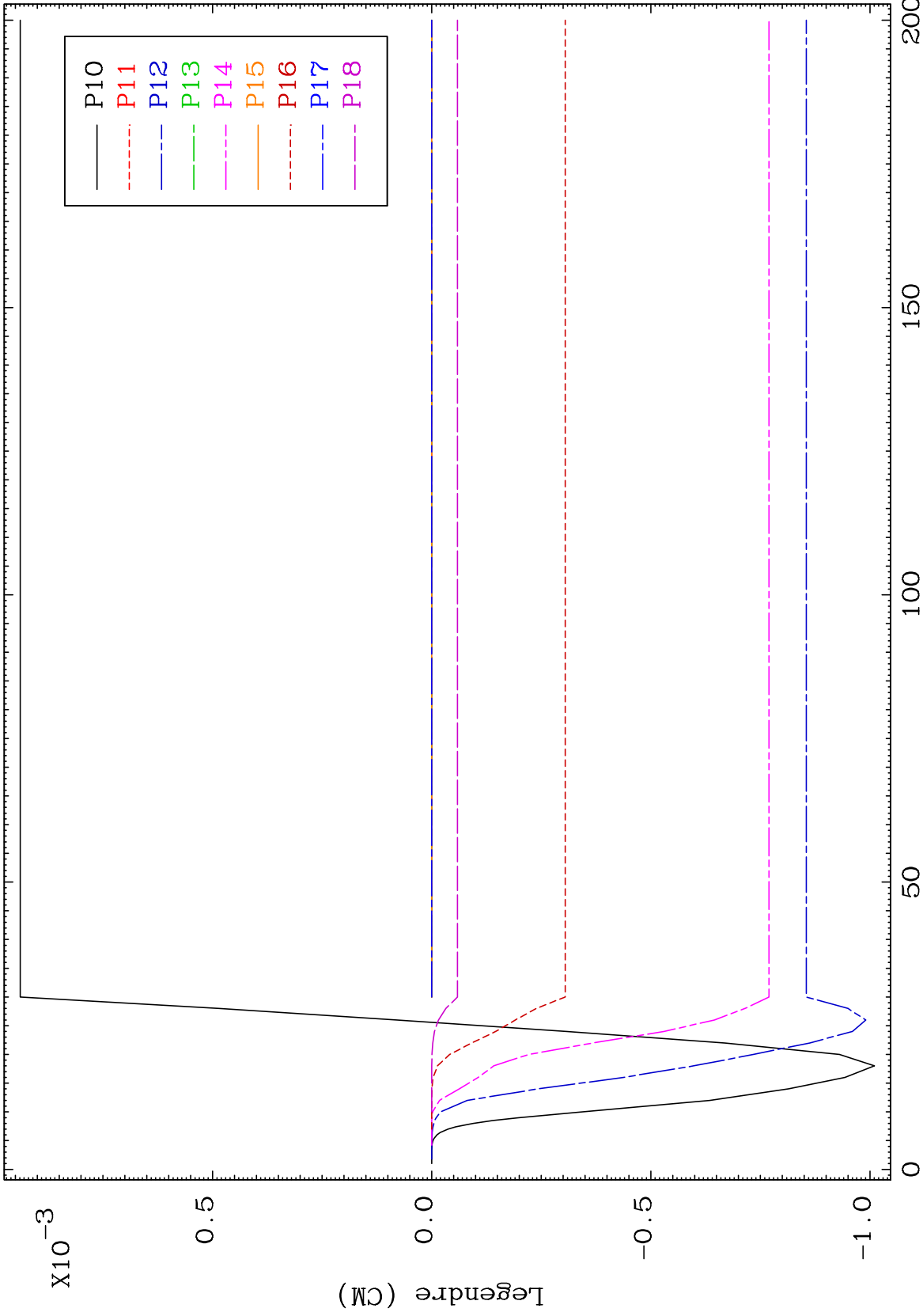
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



24

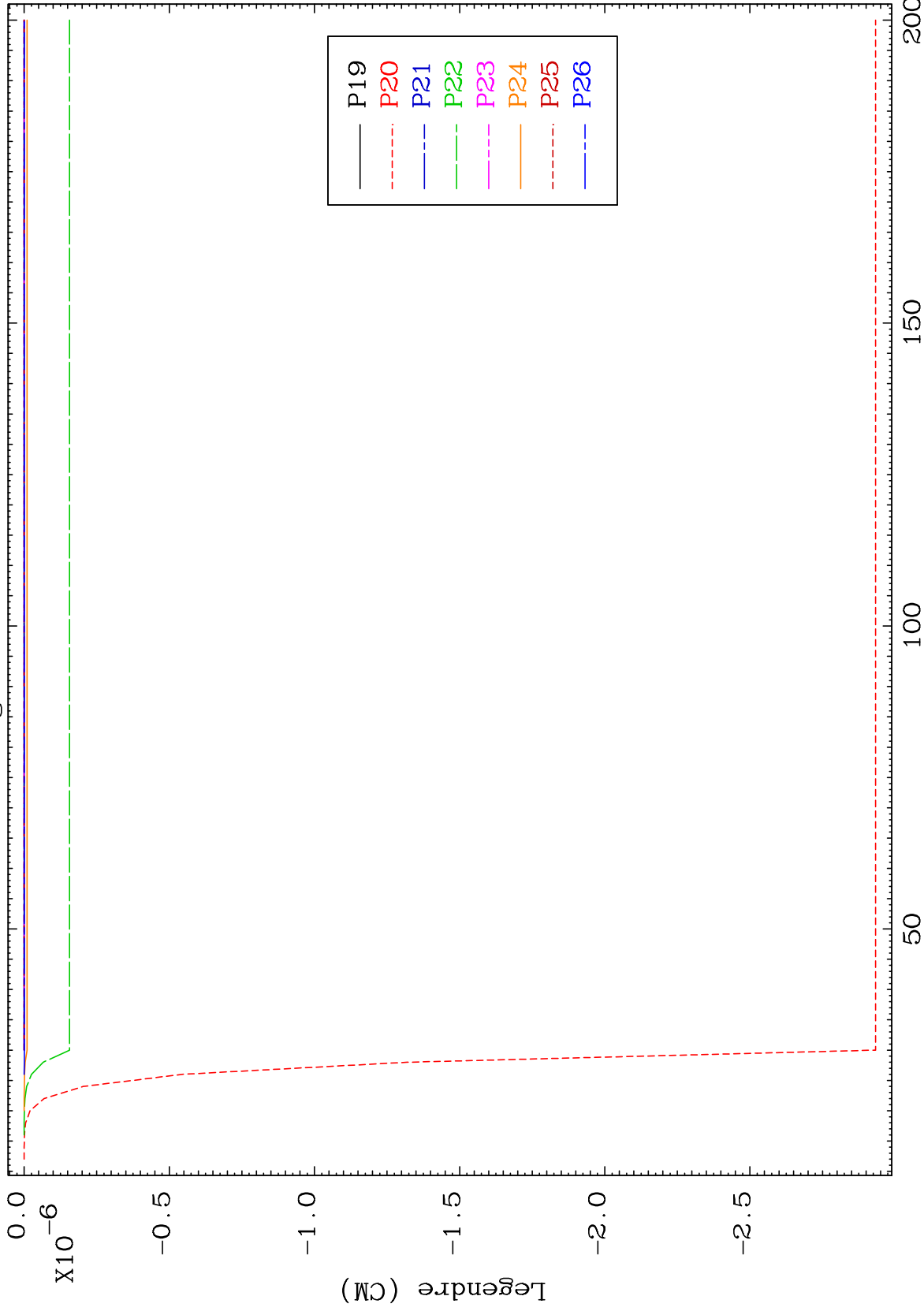
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



48-Cd-115

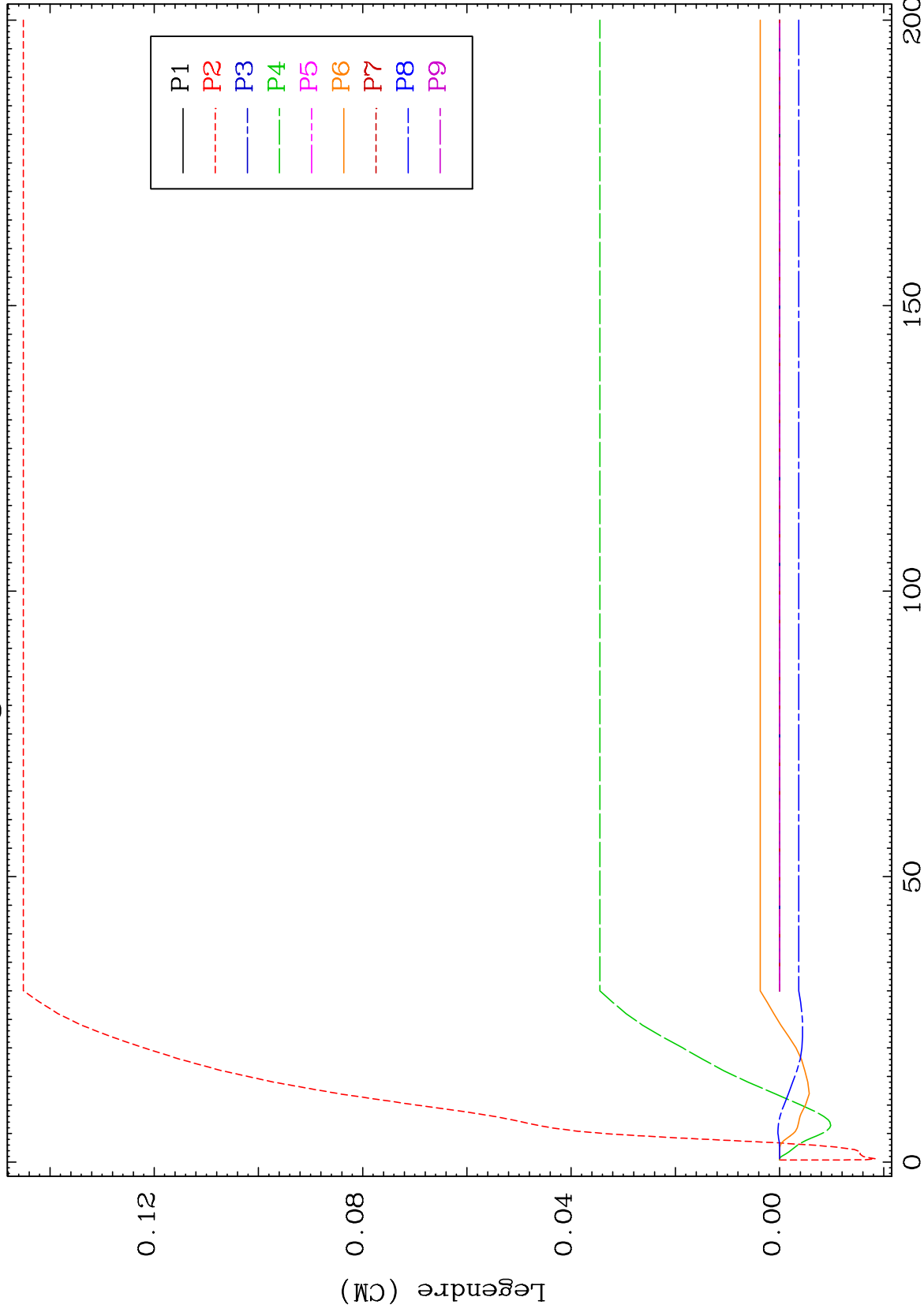
Incident Energy (MeV)

25

MAT 4852

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

48-Cd-115



26

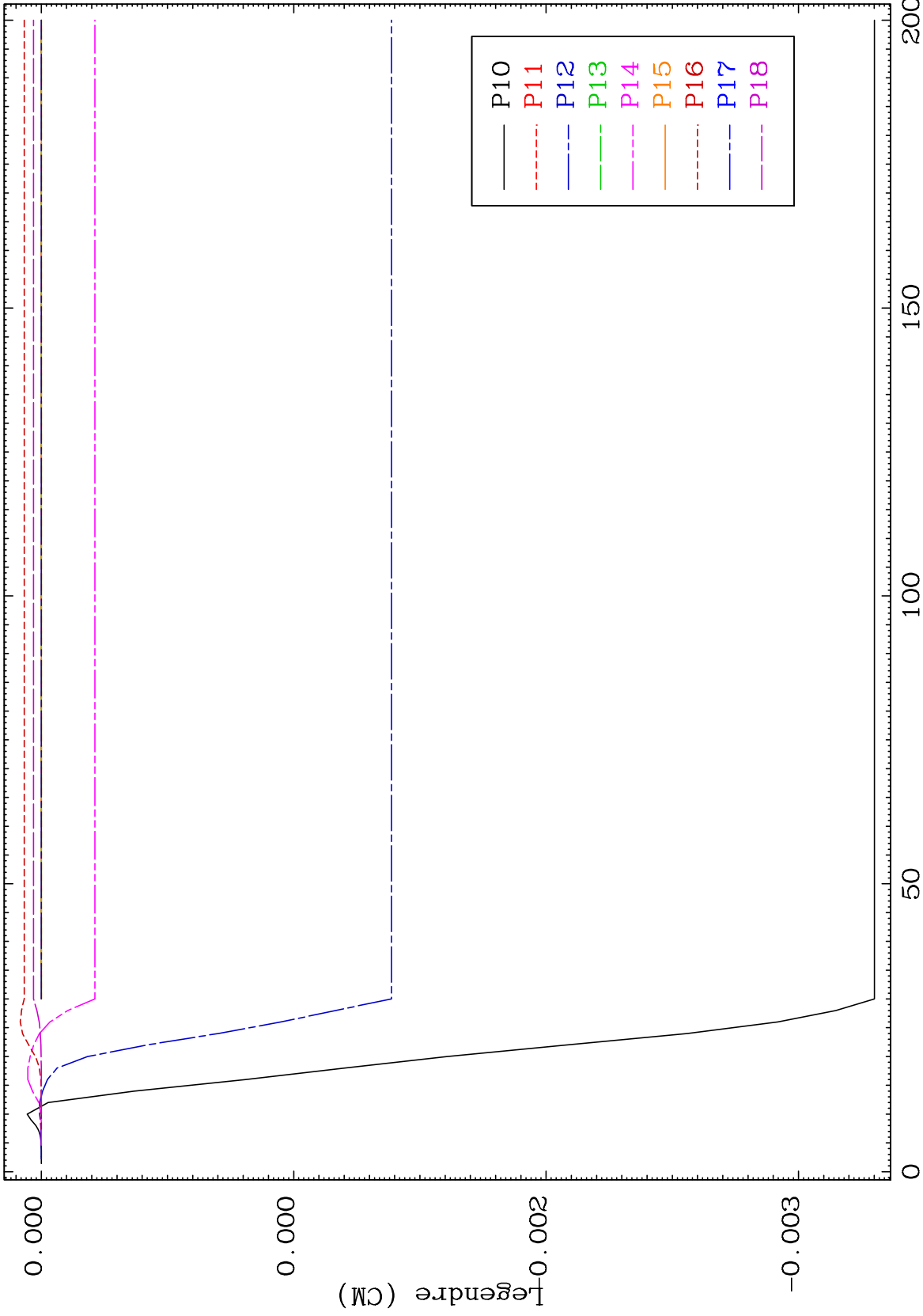
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



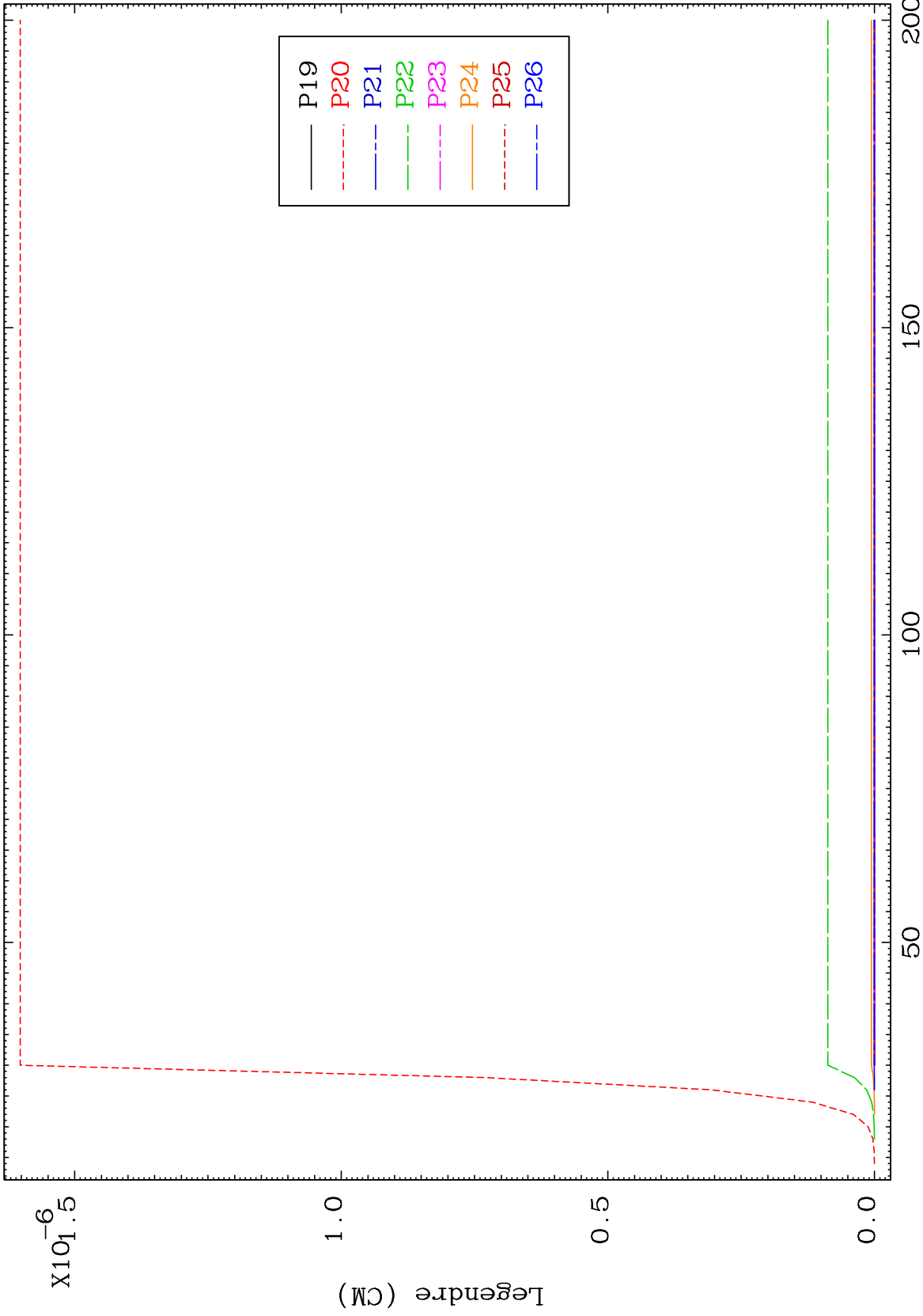
48-Cd-115

27

MAT 4852

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

48-Cd-115



28

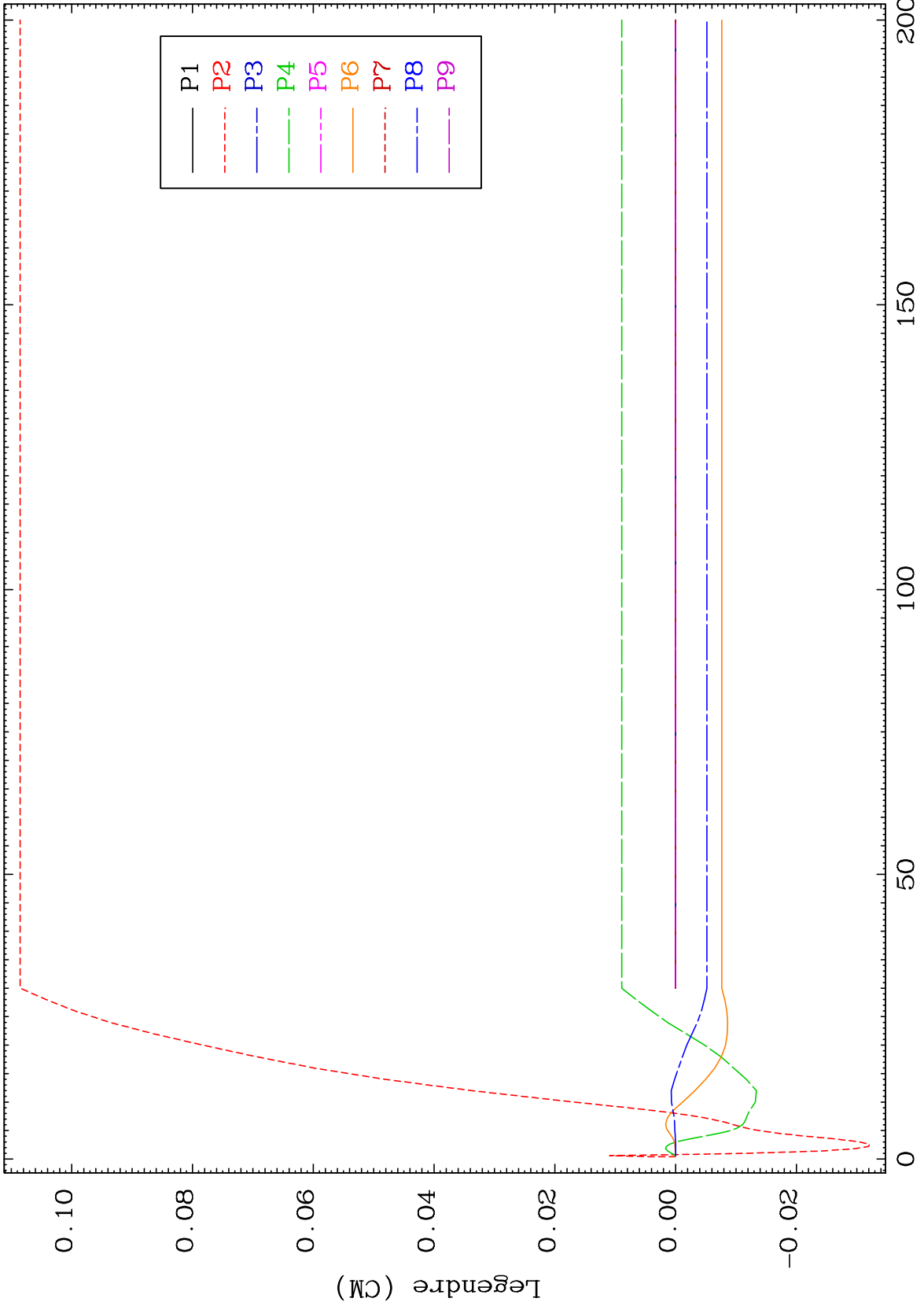
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



29

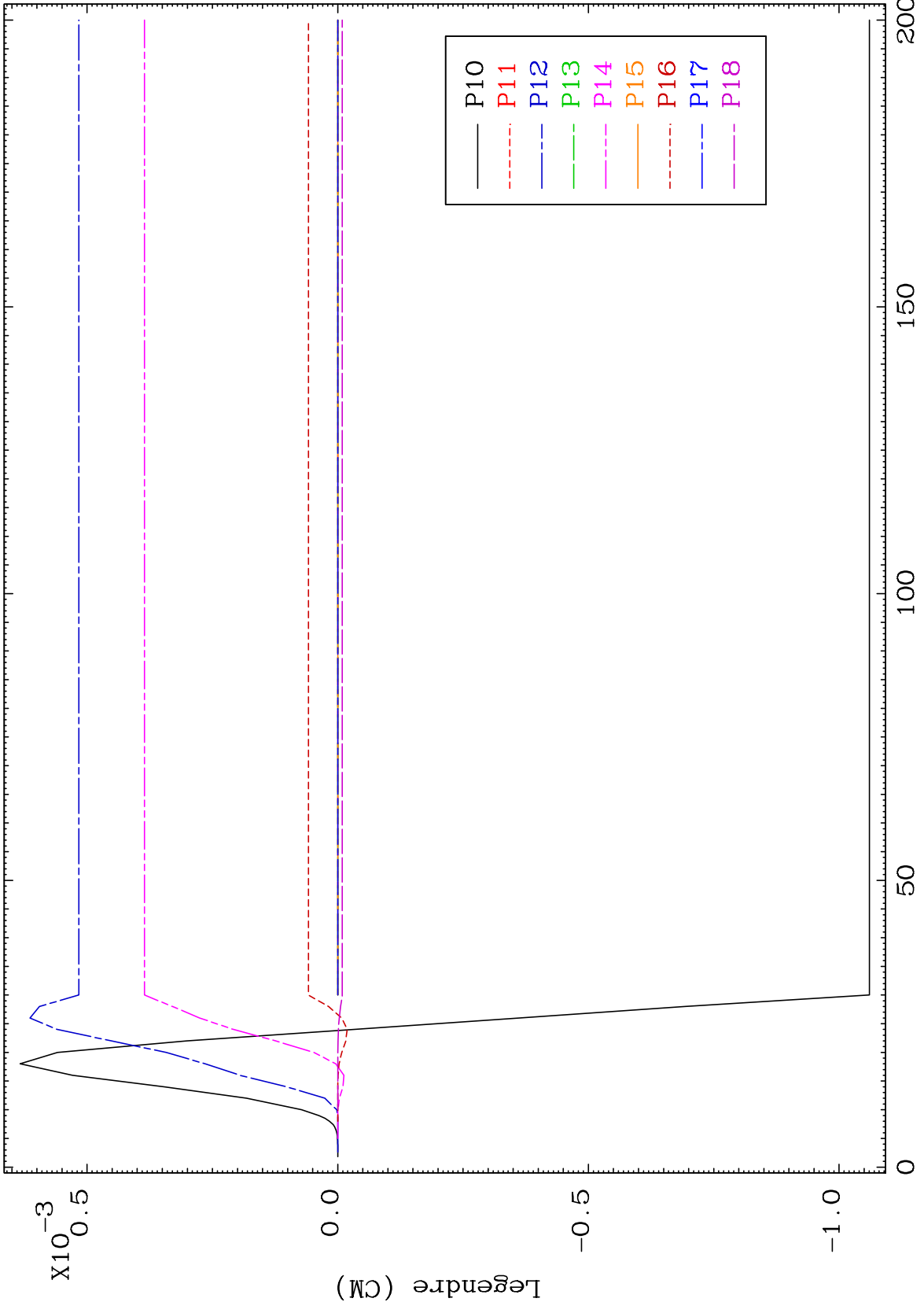
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



30

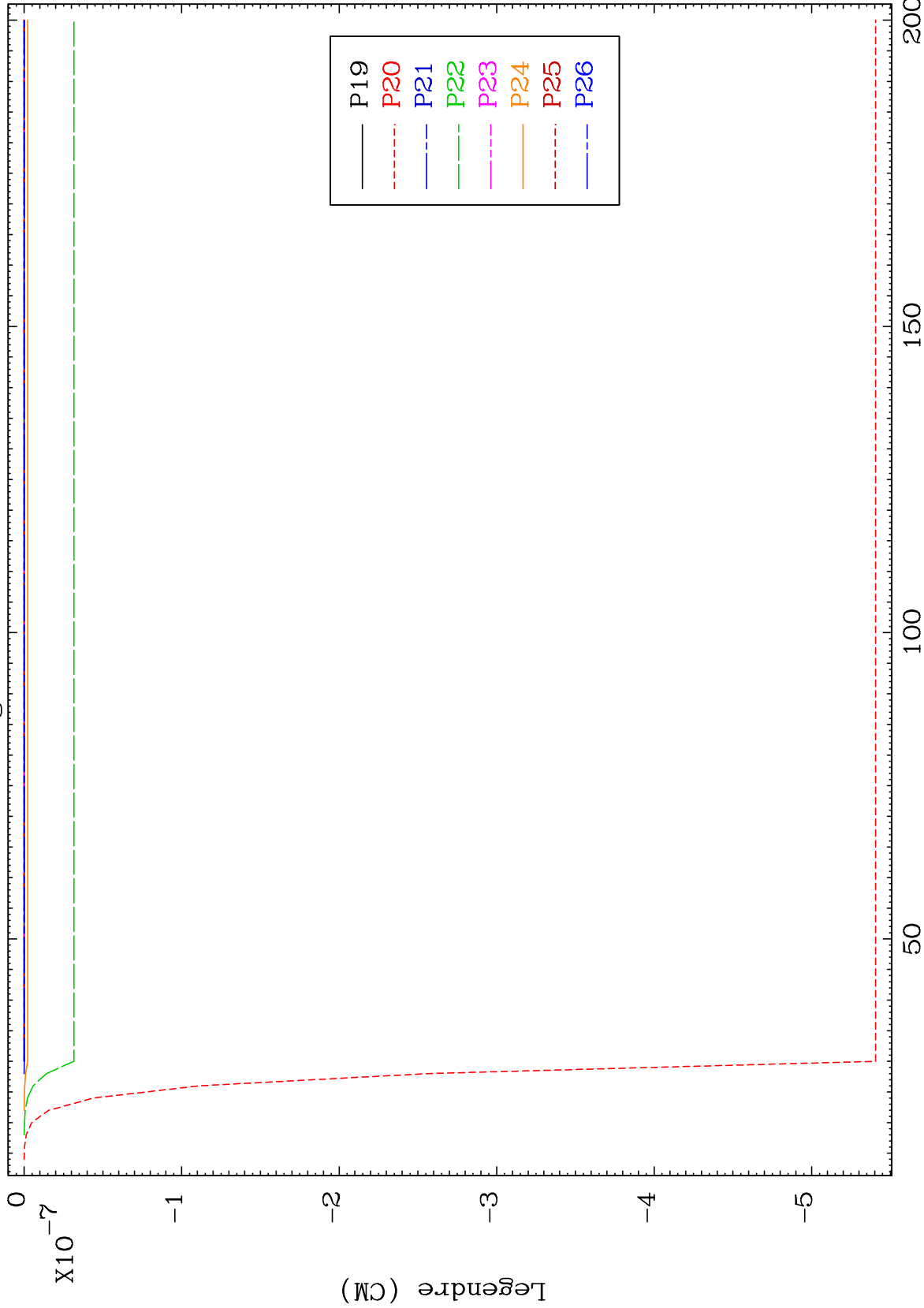
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



31

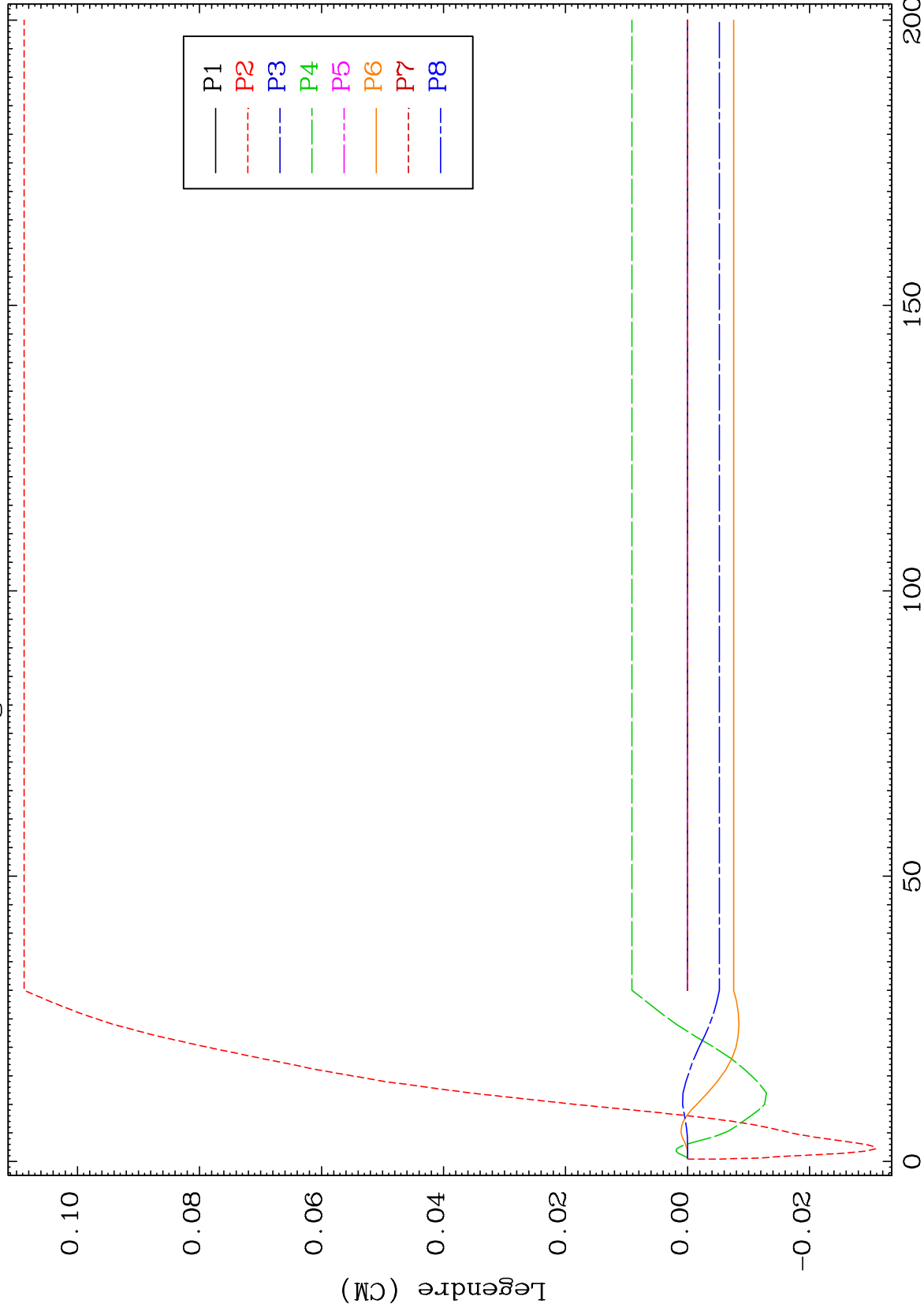
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



32

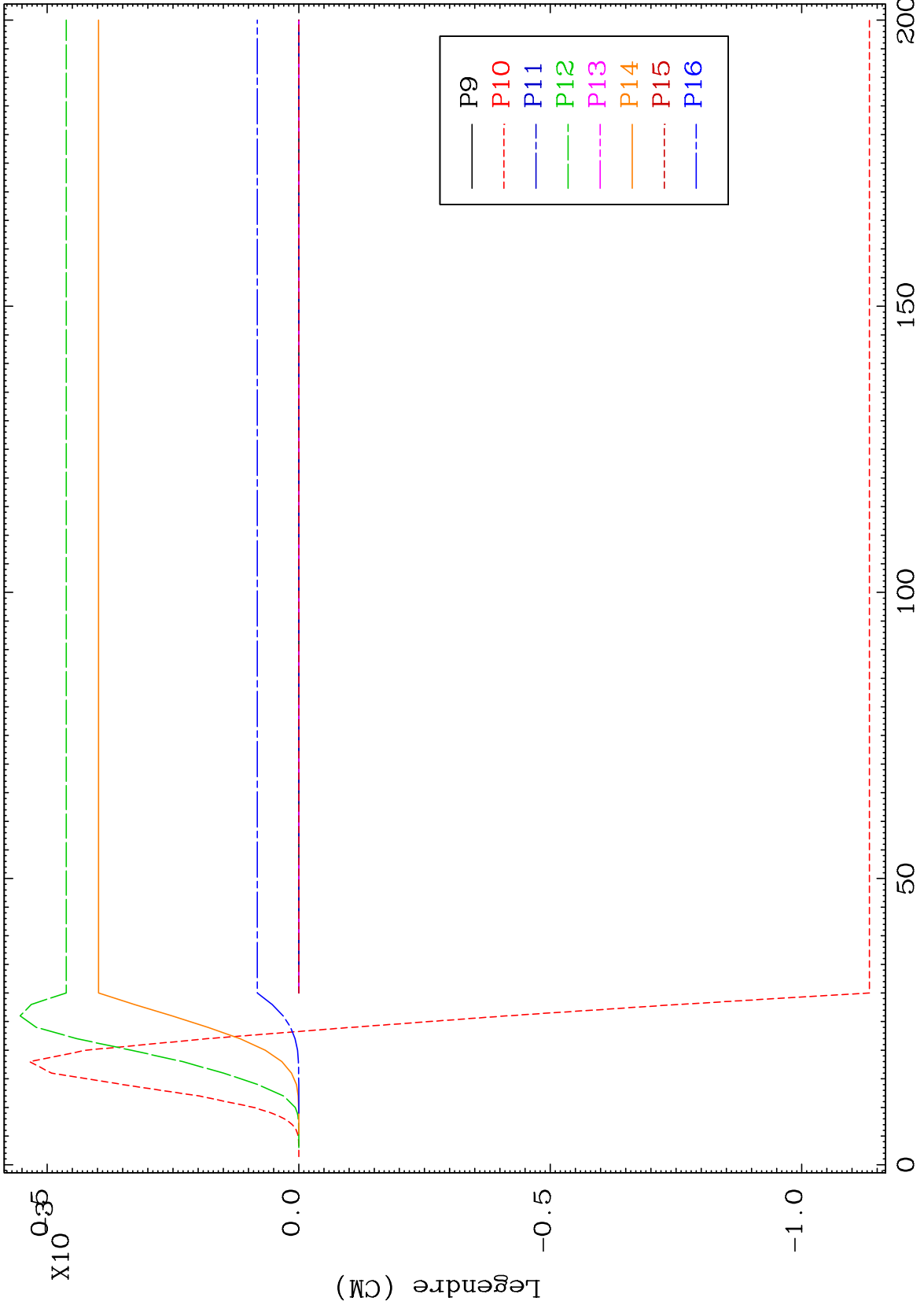
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



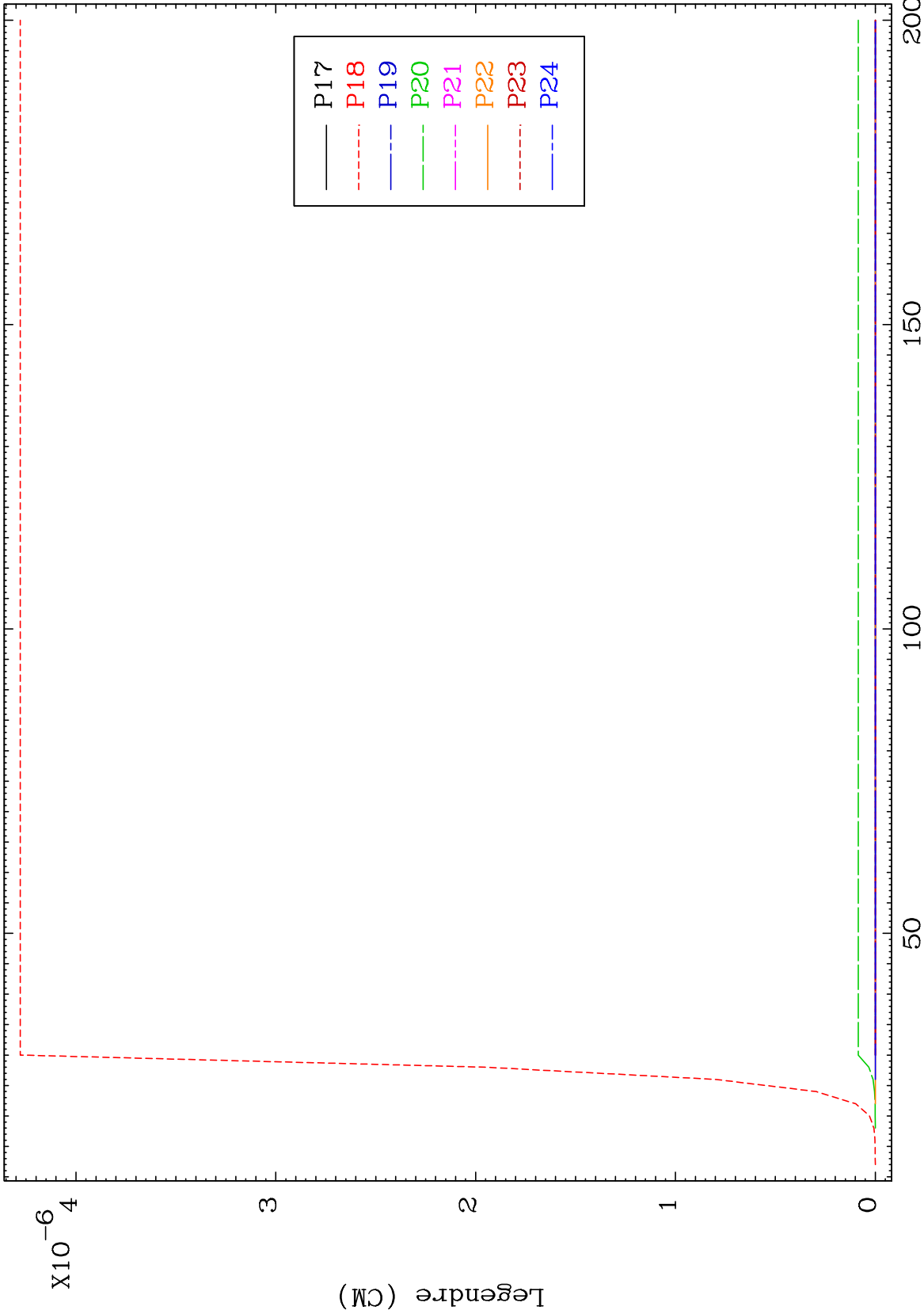
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48-Cd-115

MAT 4852

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

48-Cd-115



34

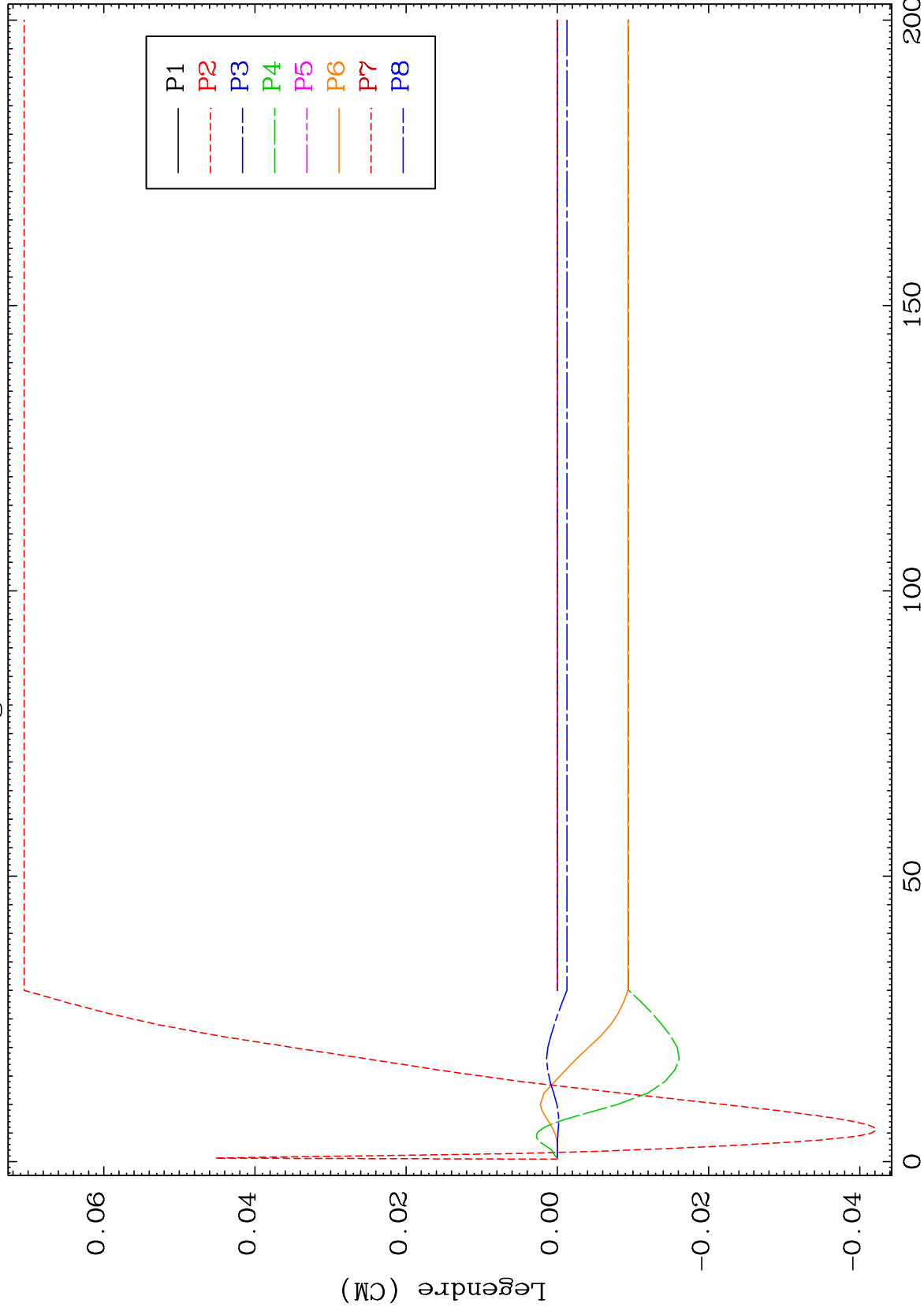
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



35

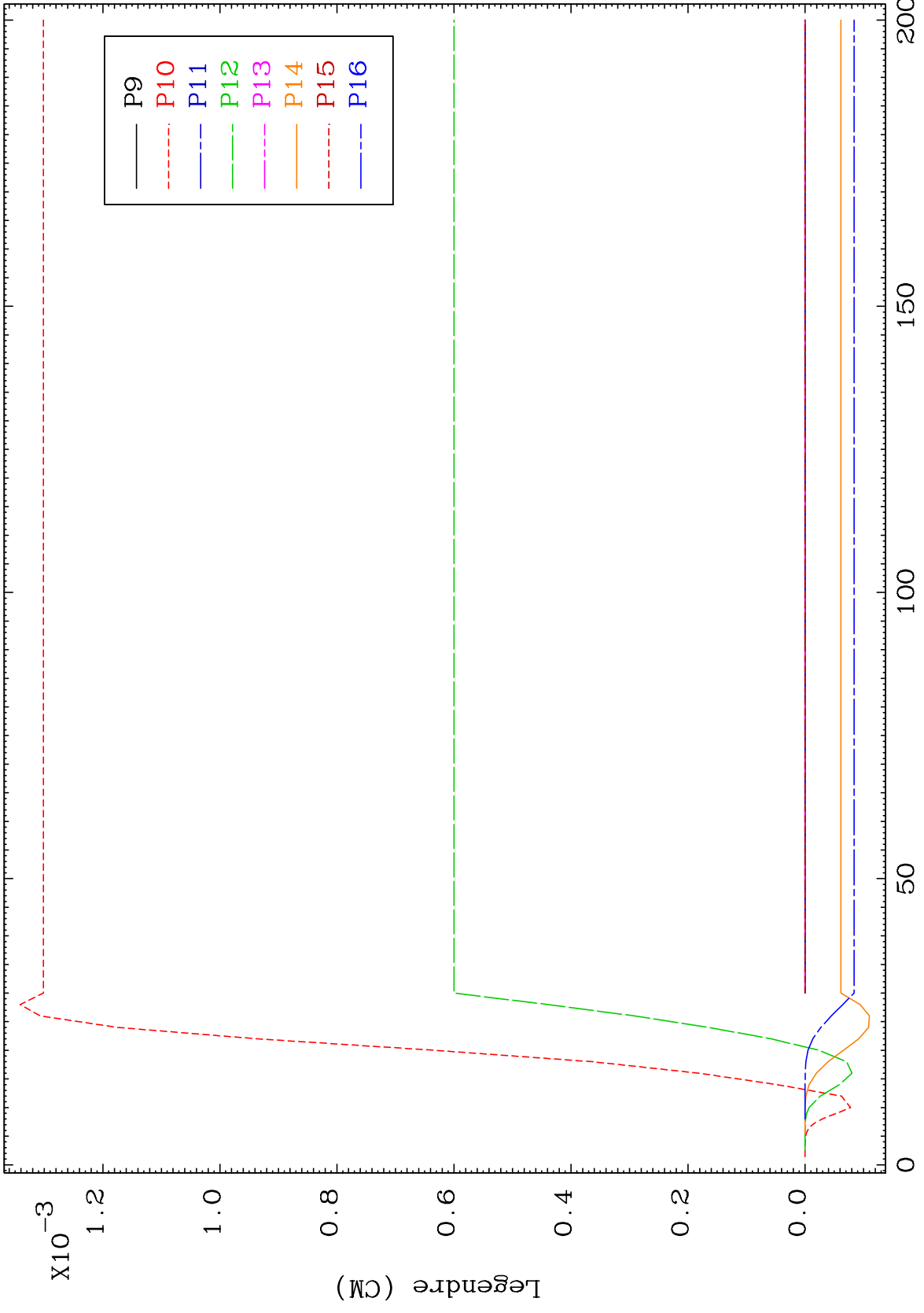
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



36

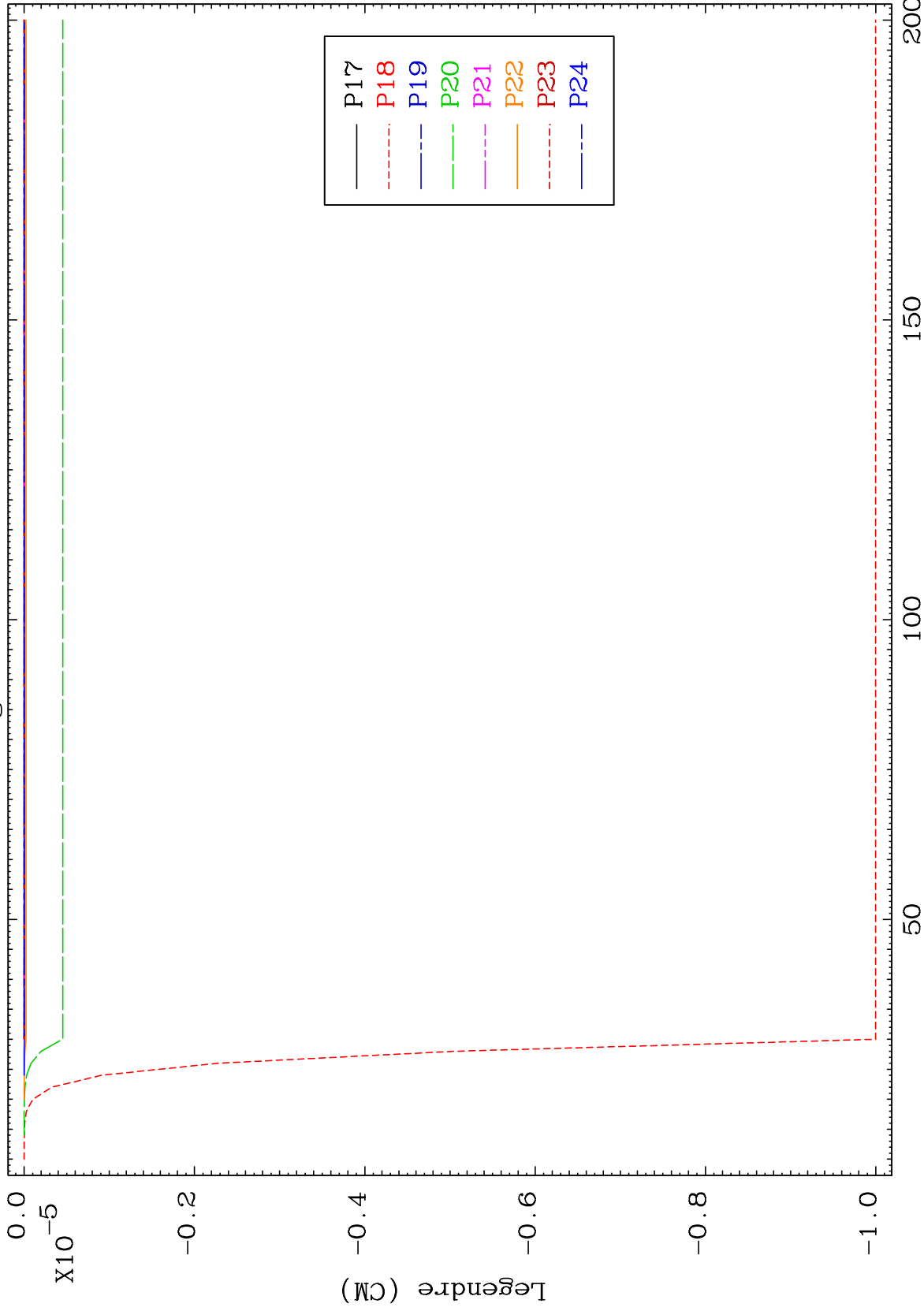
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



37

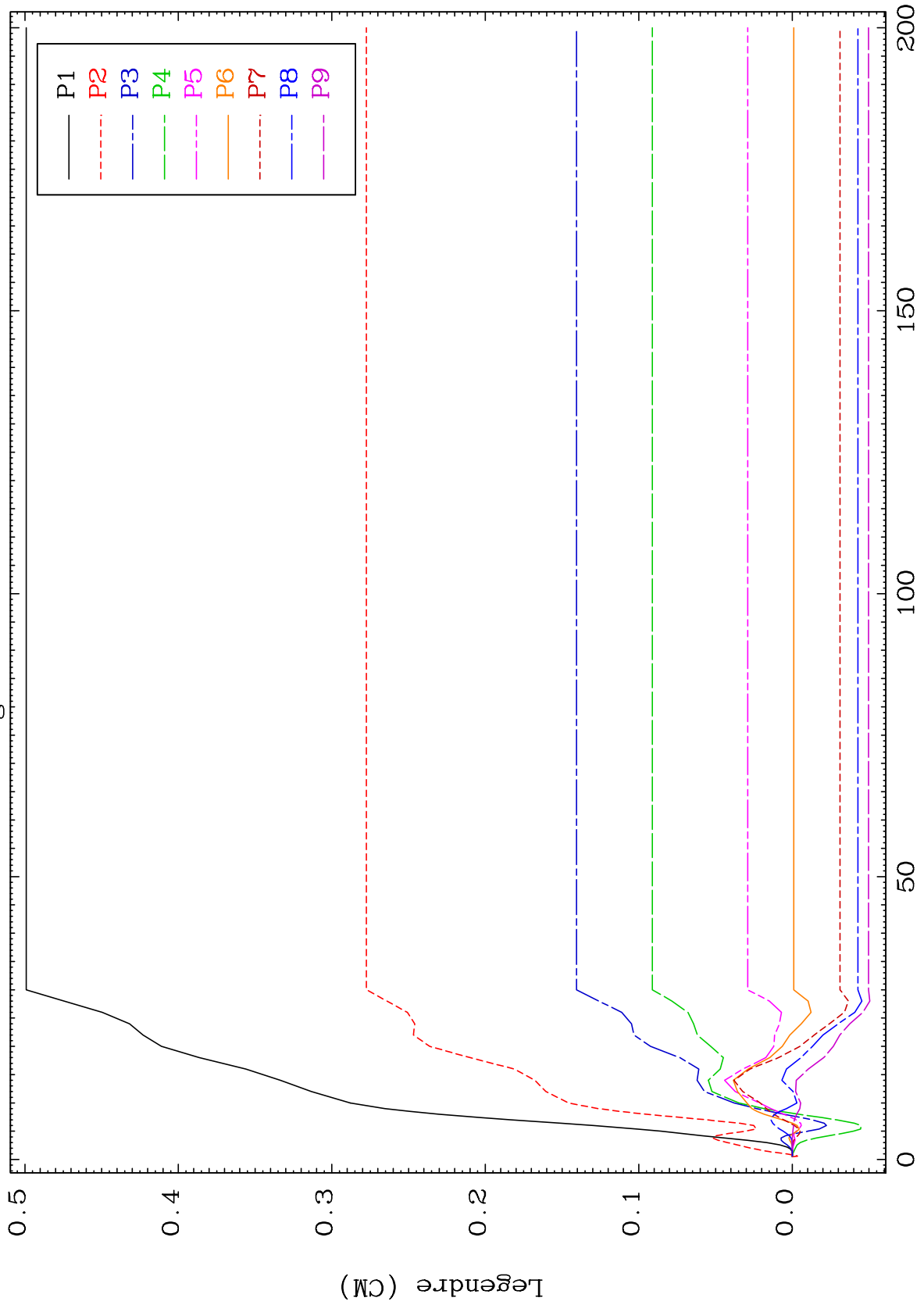
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



38

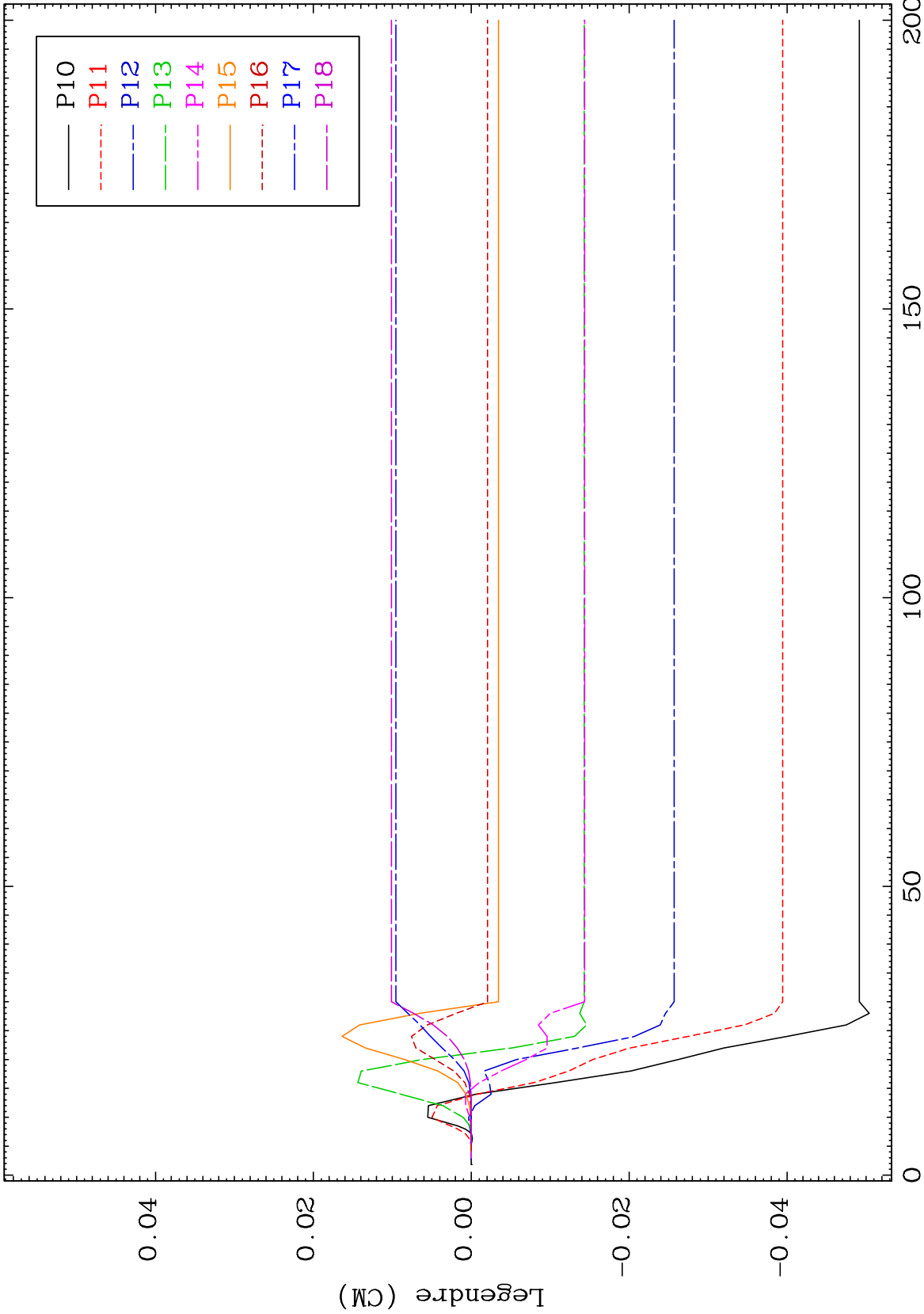
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



39

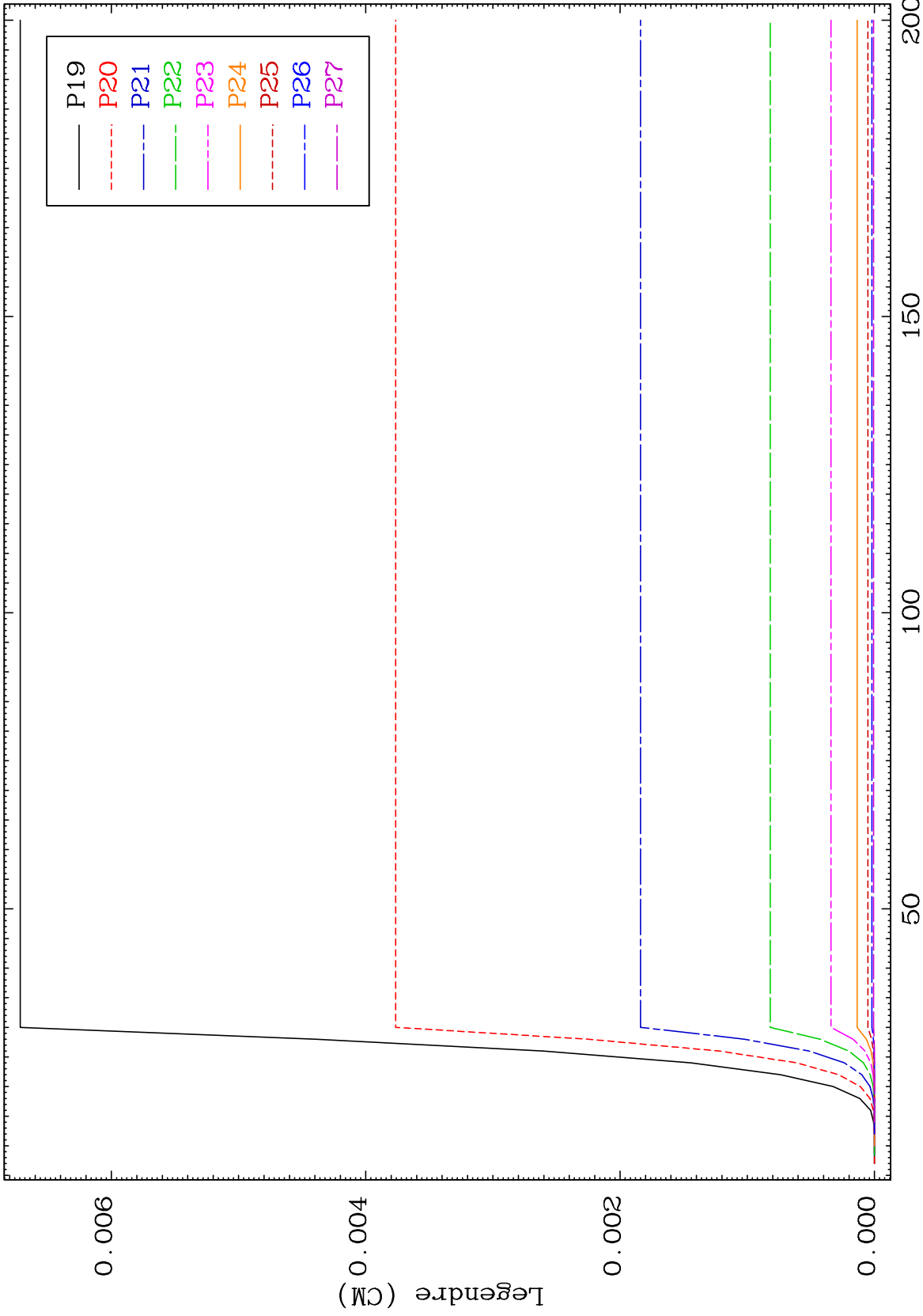
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



40

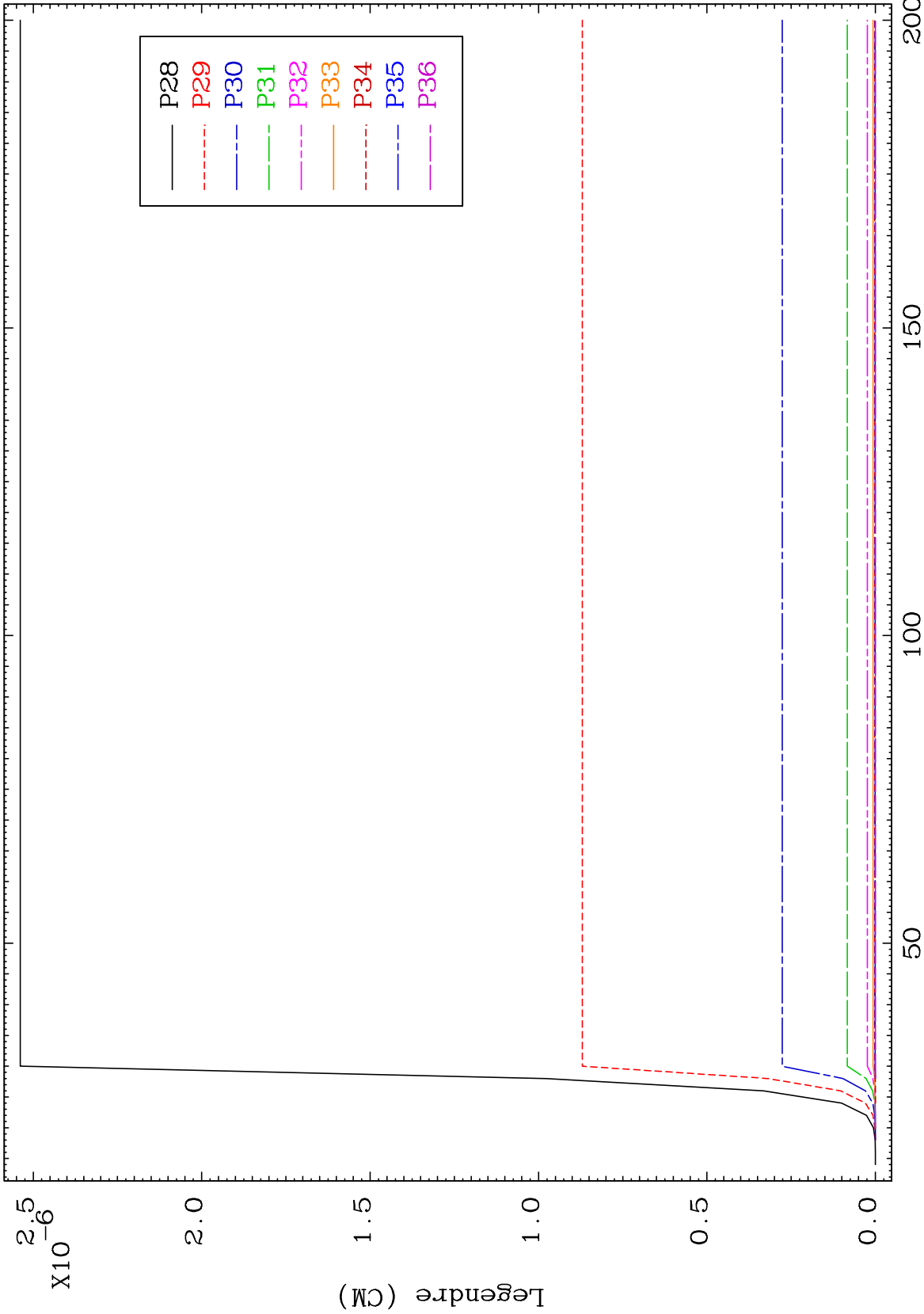
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



41

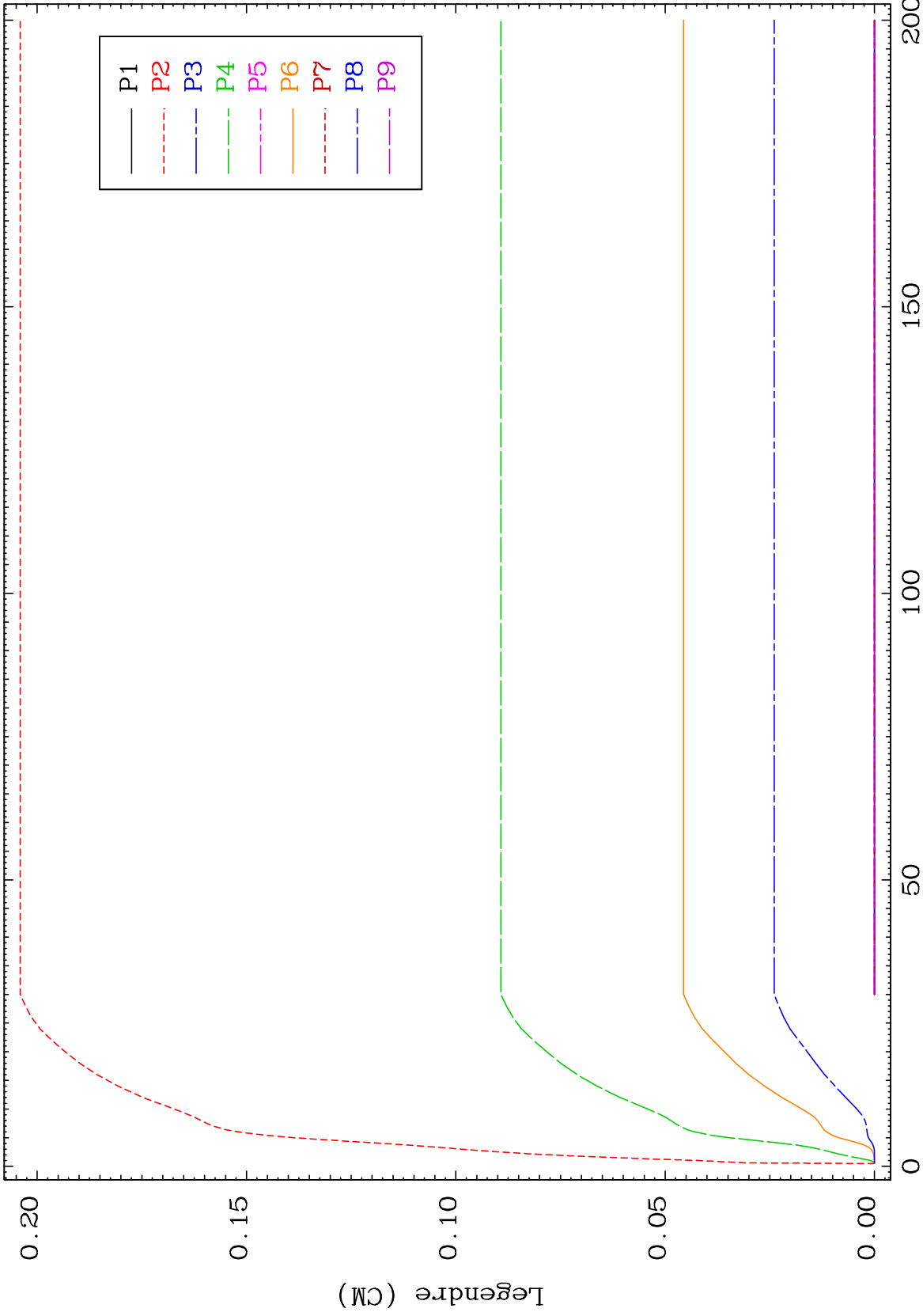
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



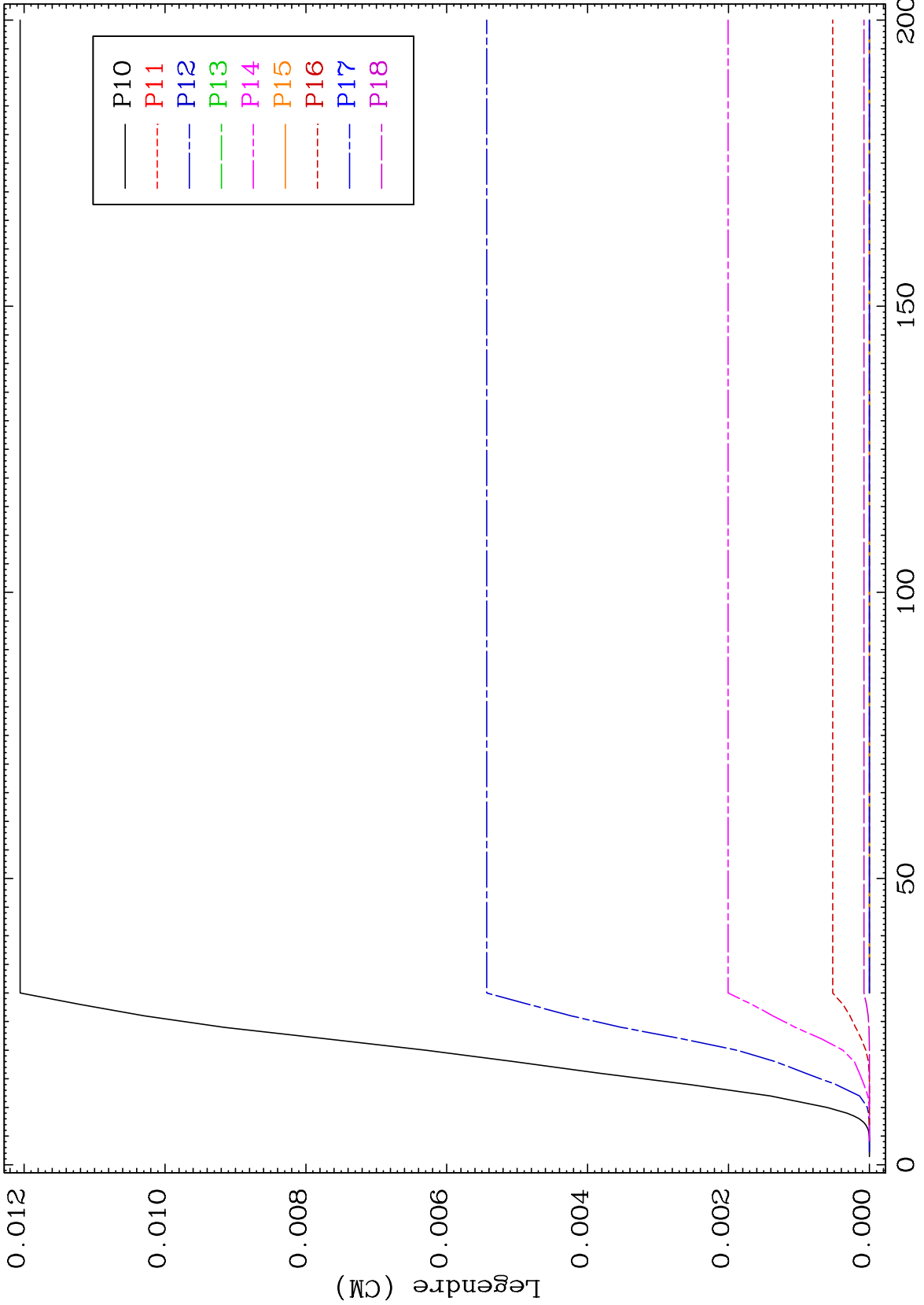
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48-Cd-115

MAT 4852

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

48-Cd-115



43

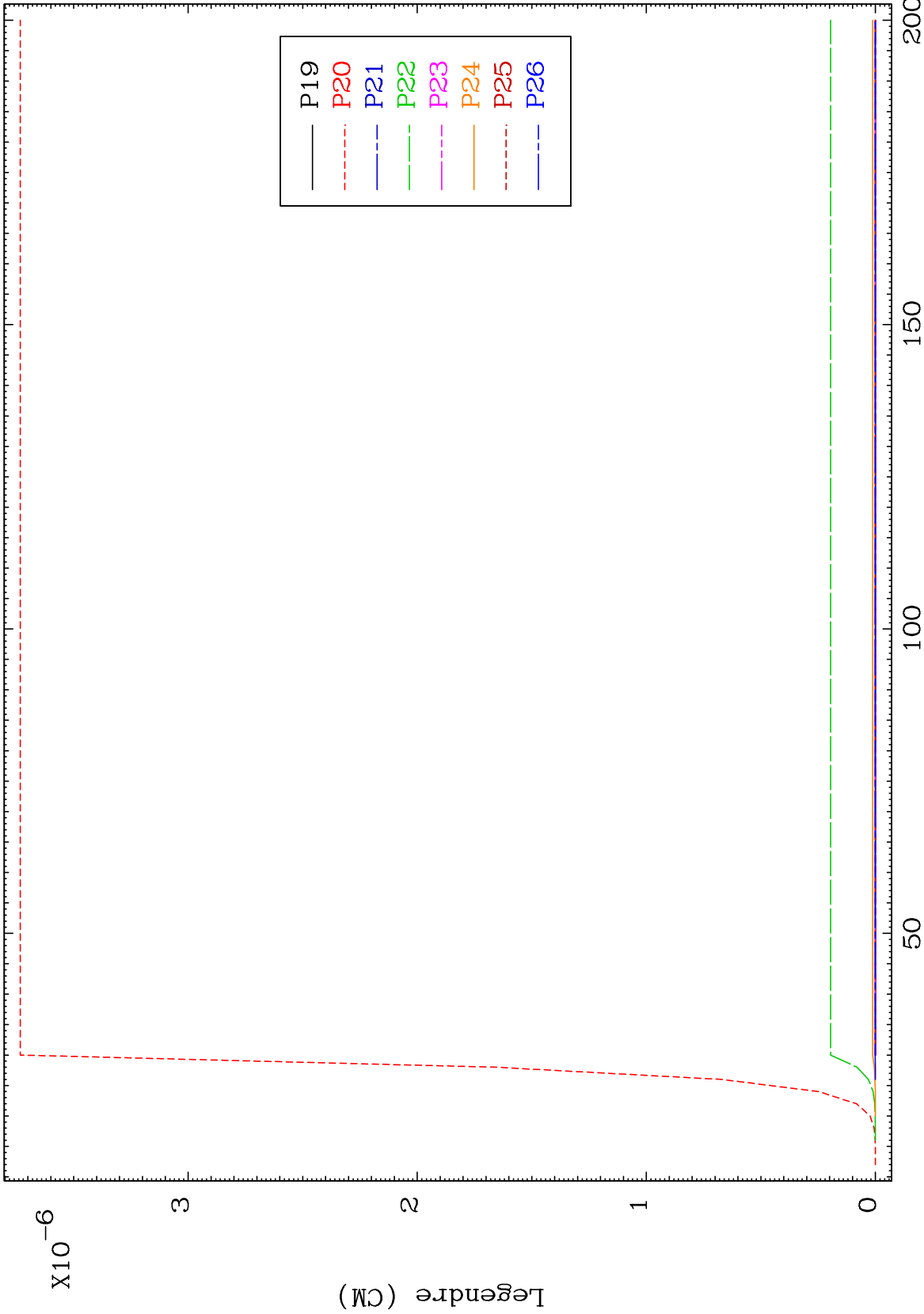
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115

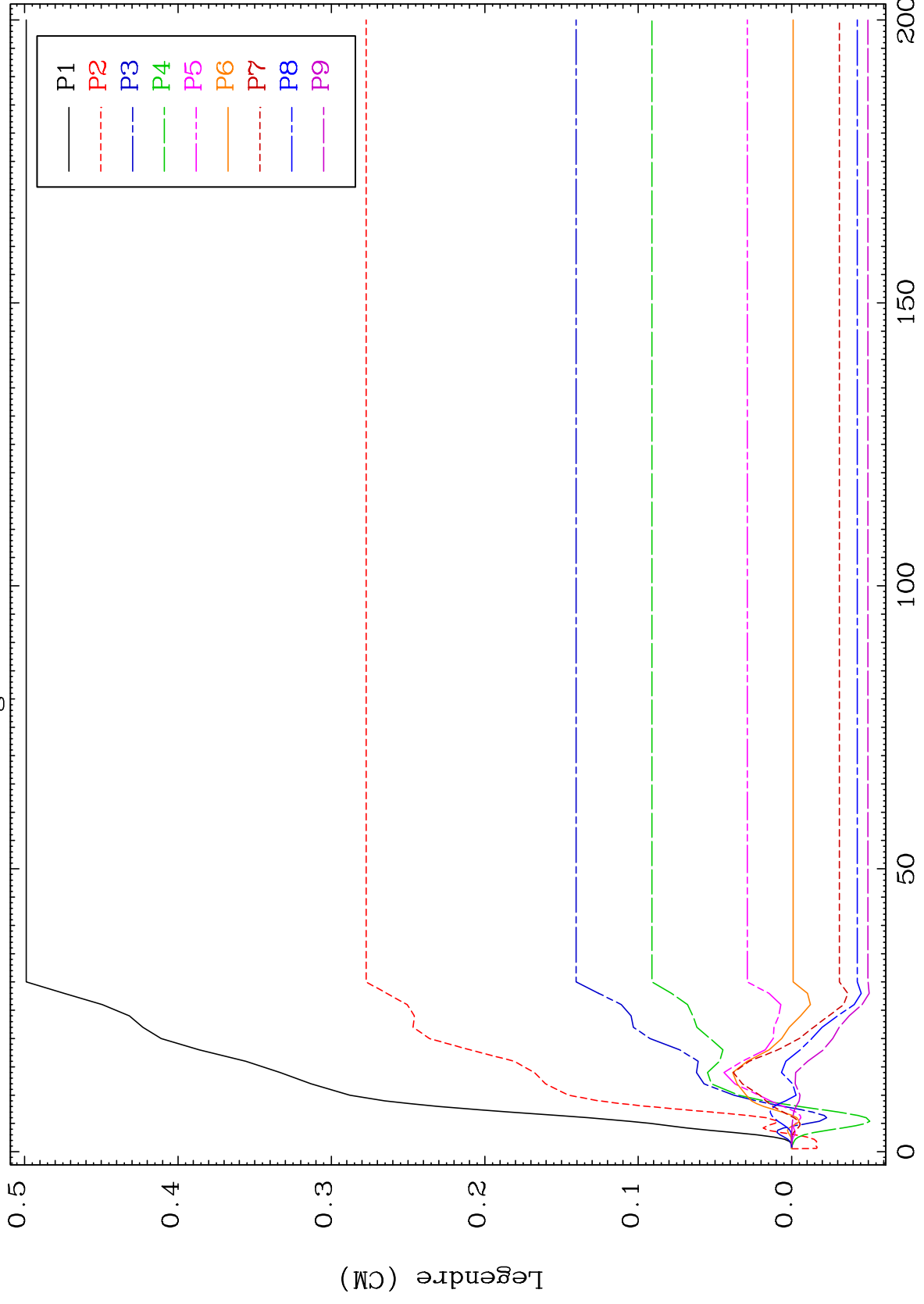


44

Incident Energy (MeV)

48-Cd-115

MAT 4852 MT= 59 (n,n') Level Legendre Coefficients 48-Cd-115

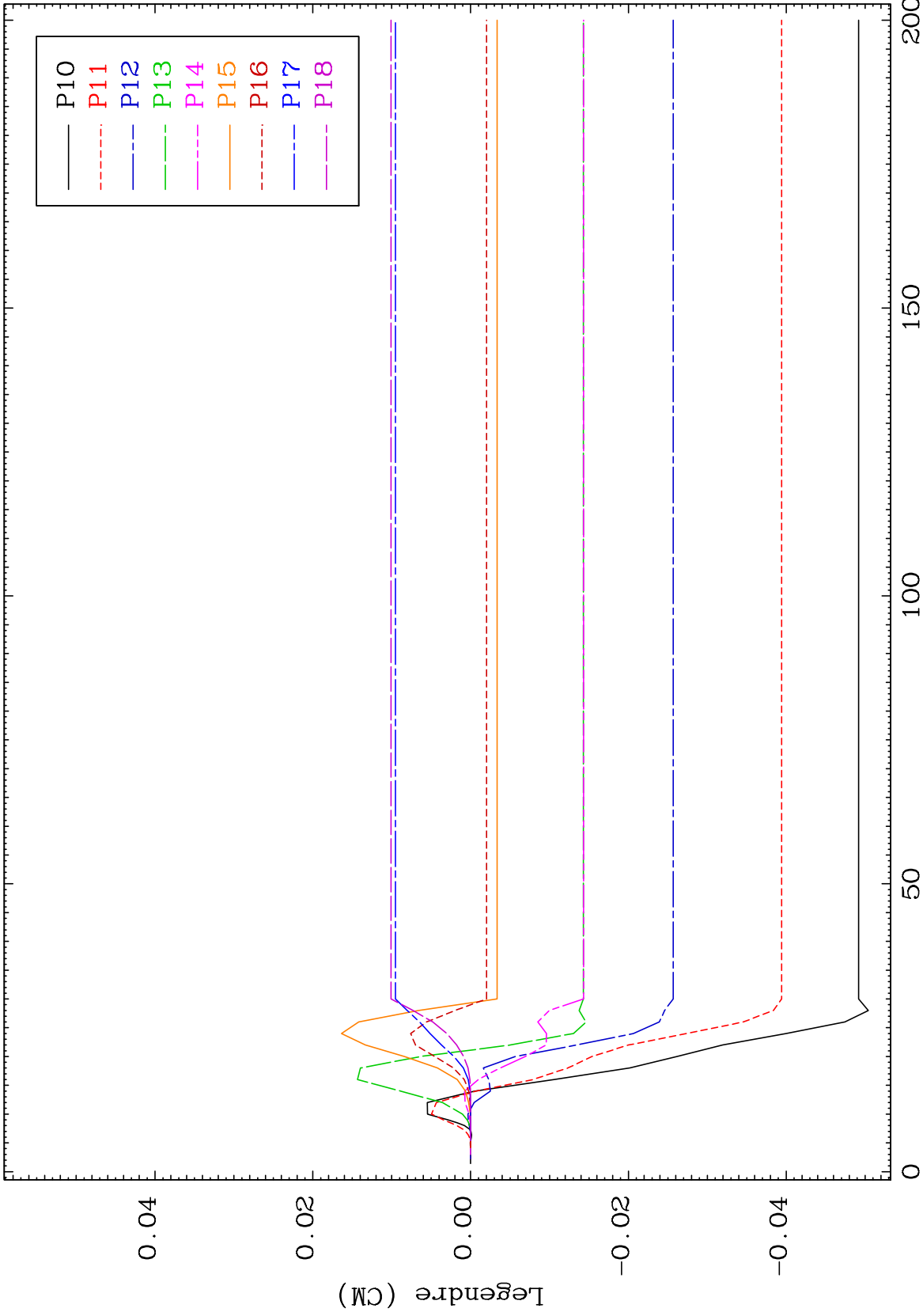


48-Cd-115

MAT 4852

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

48-Cd-115



46

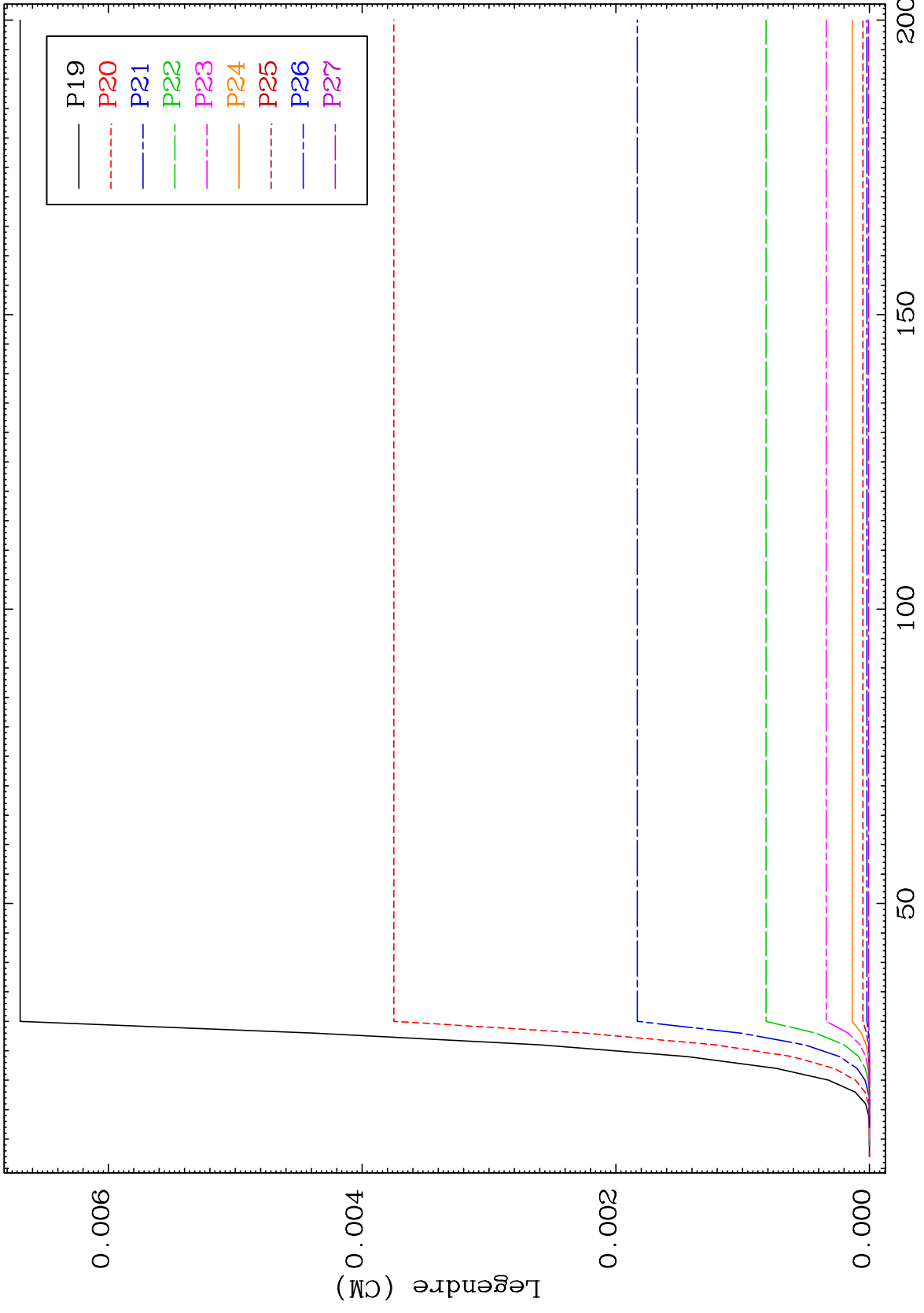
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



47

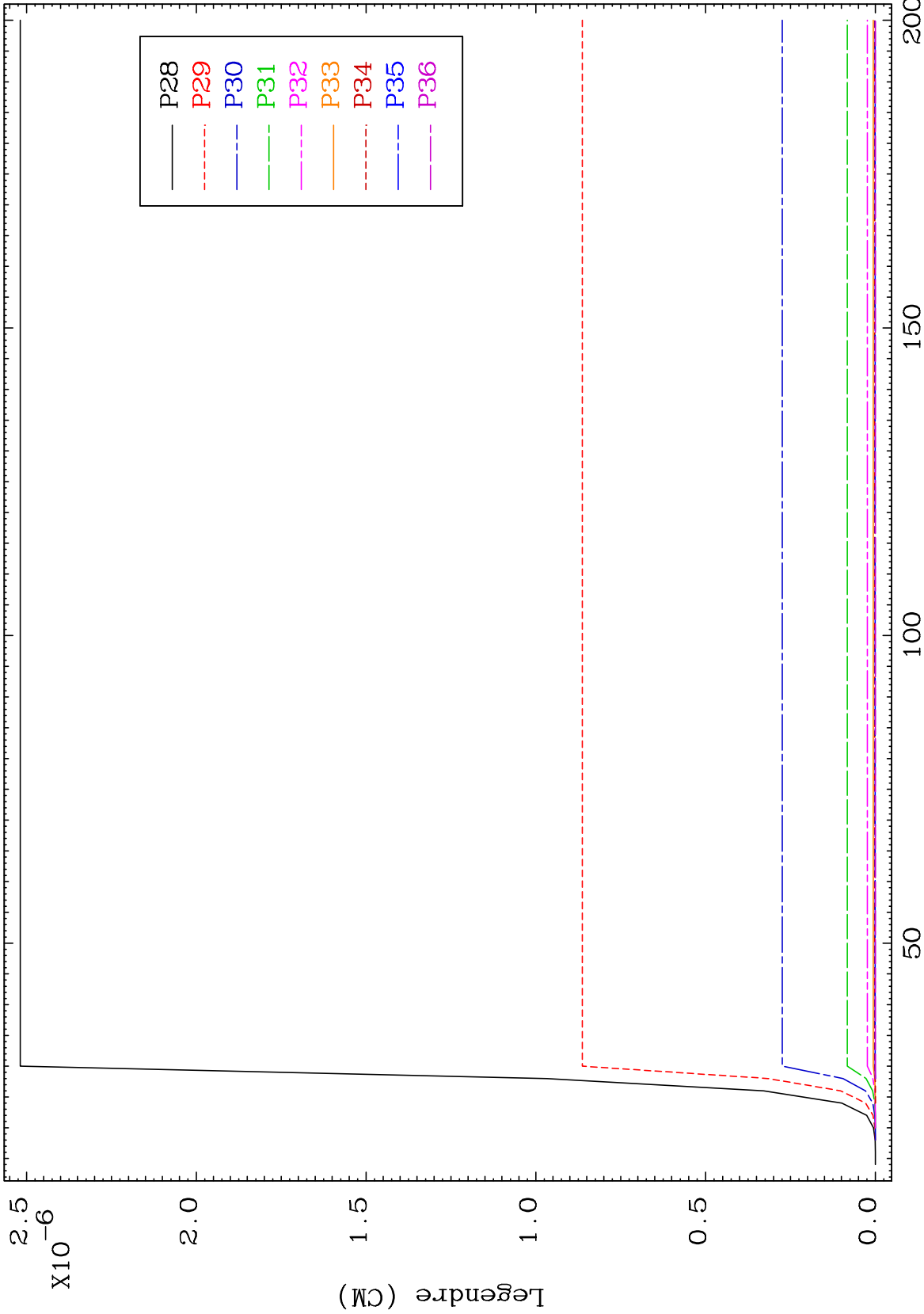
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115

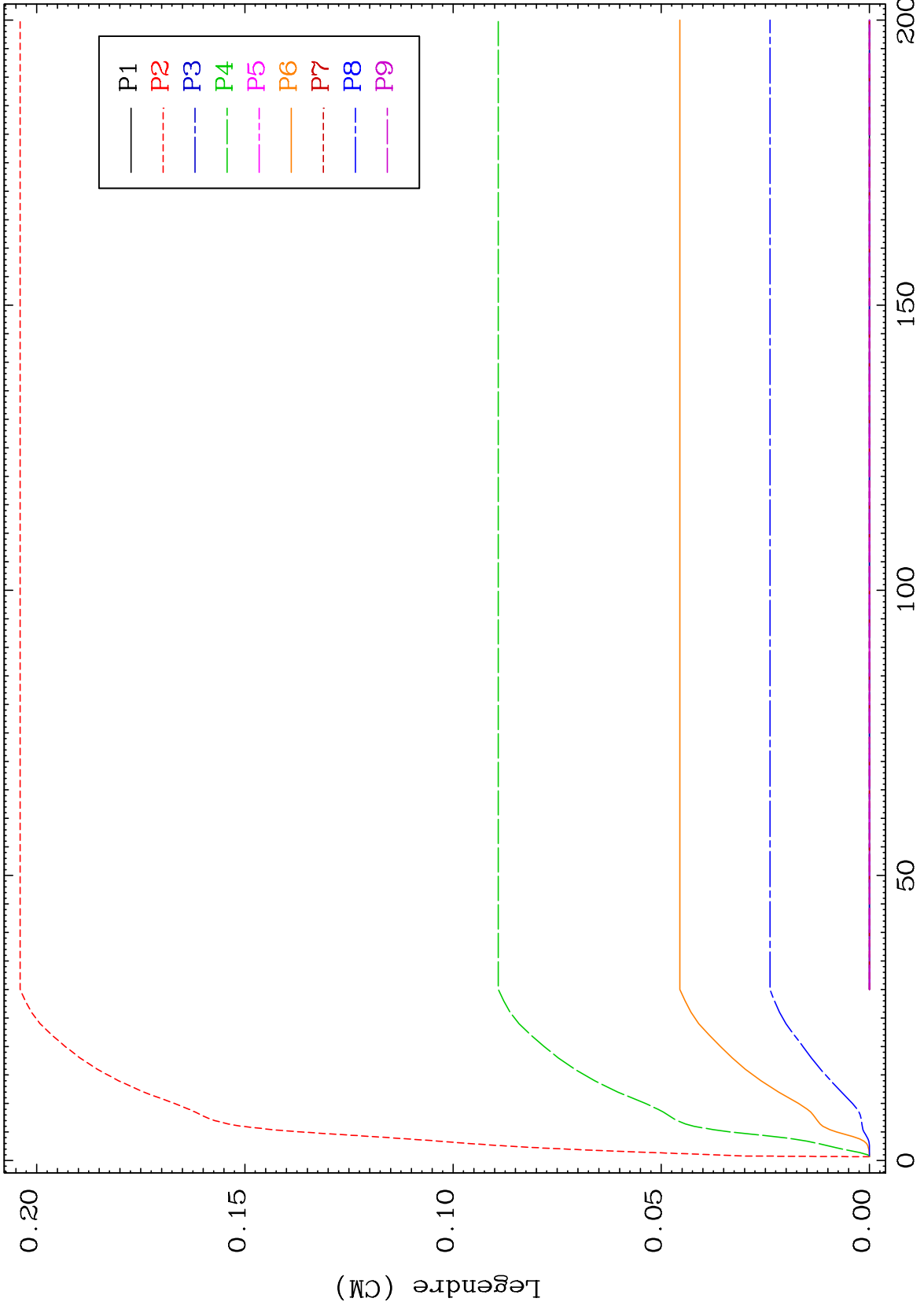


48

Incident Energy (MeV)

48-Cd-115

MAT 4852 MT= 60 (n,n') Level Legendre Coefficients 48-Cd-115

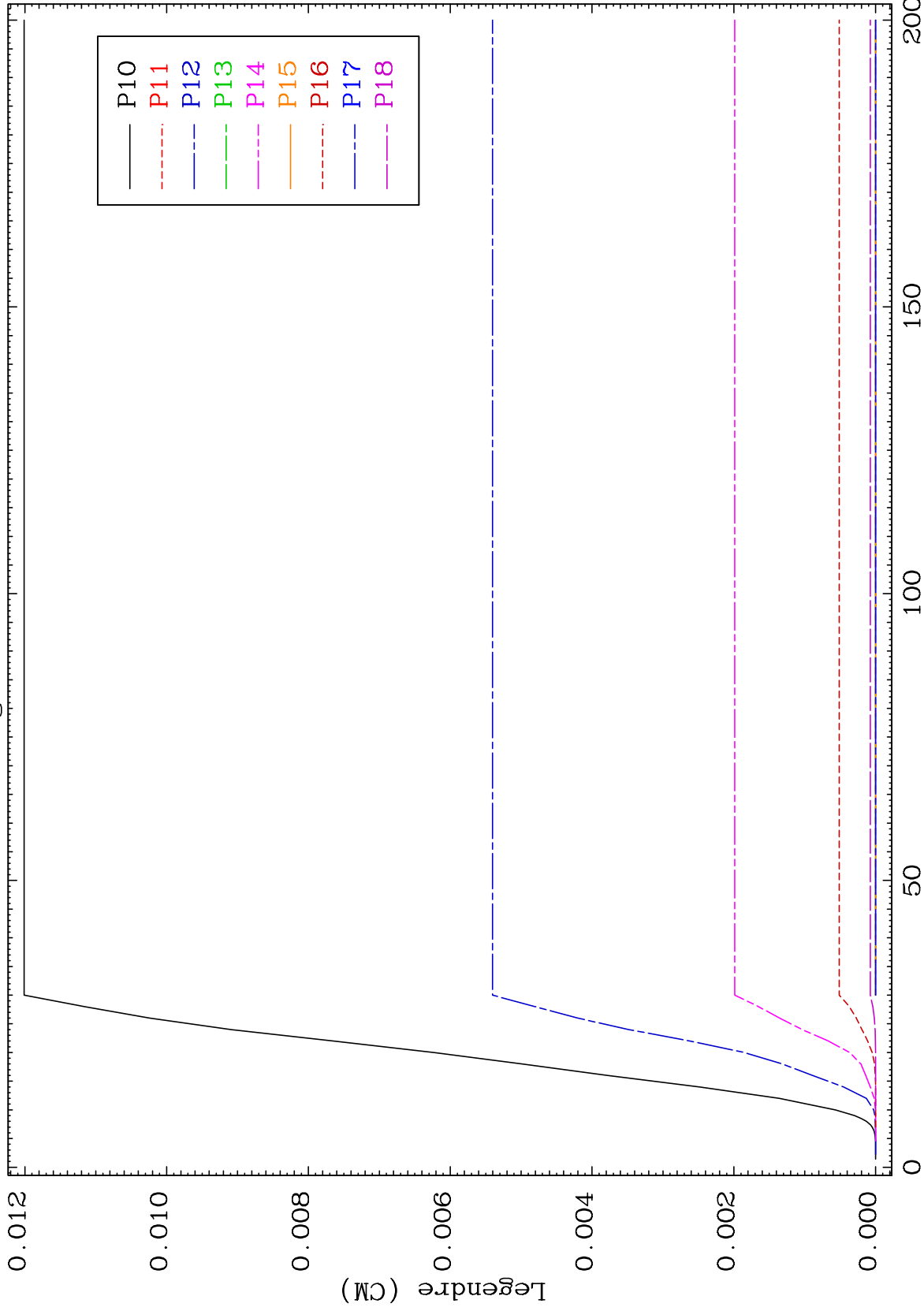


48-Cd-115

MAT 4852

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

48-Cd-115



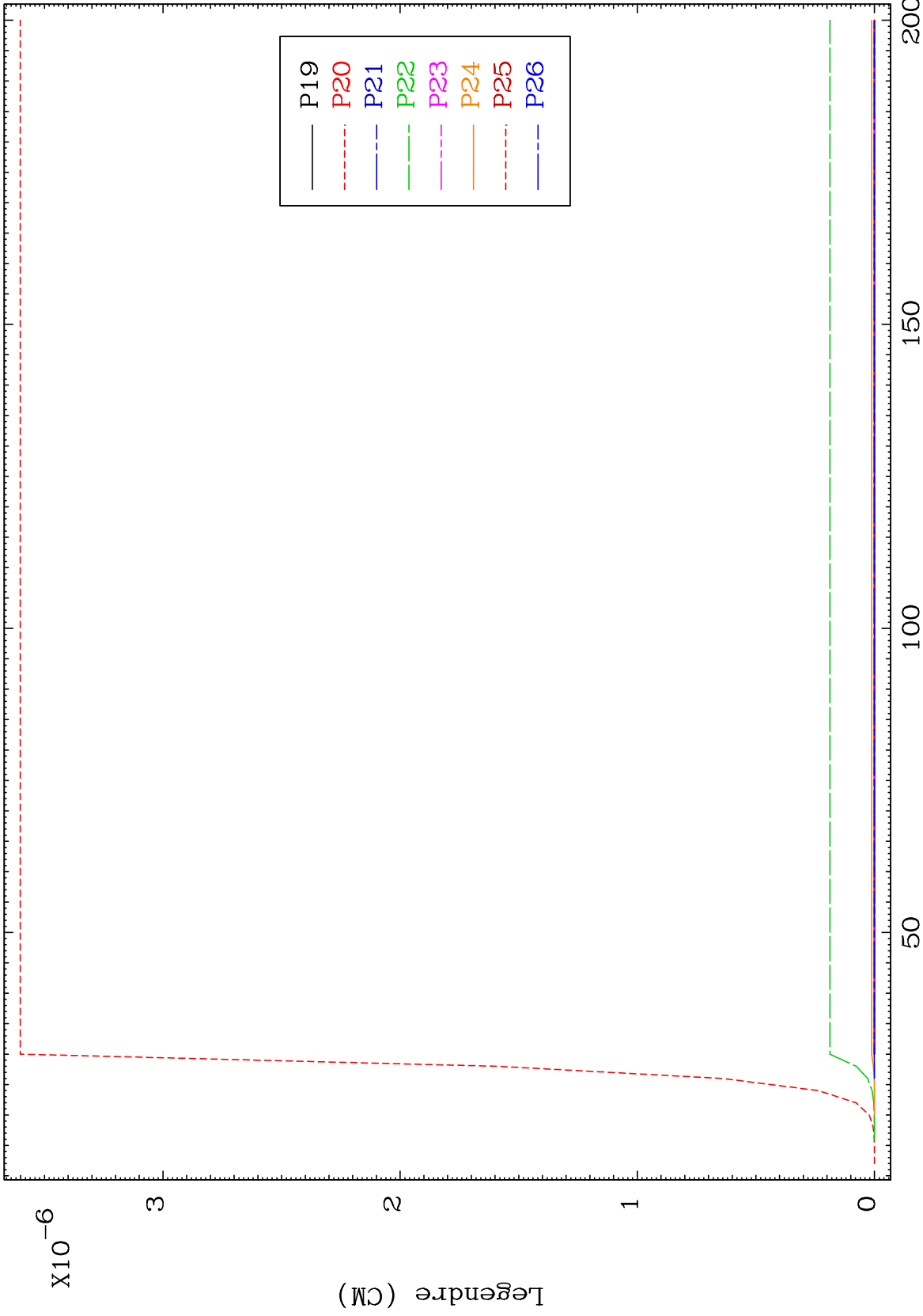
48-Cd-115

Incident Energy (MeV)

MAT 4852

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

48-Cd-115



51

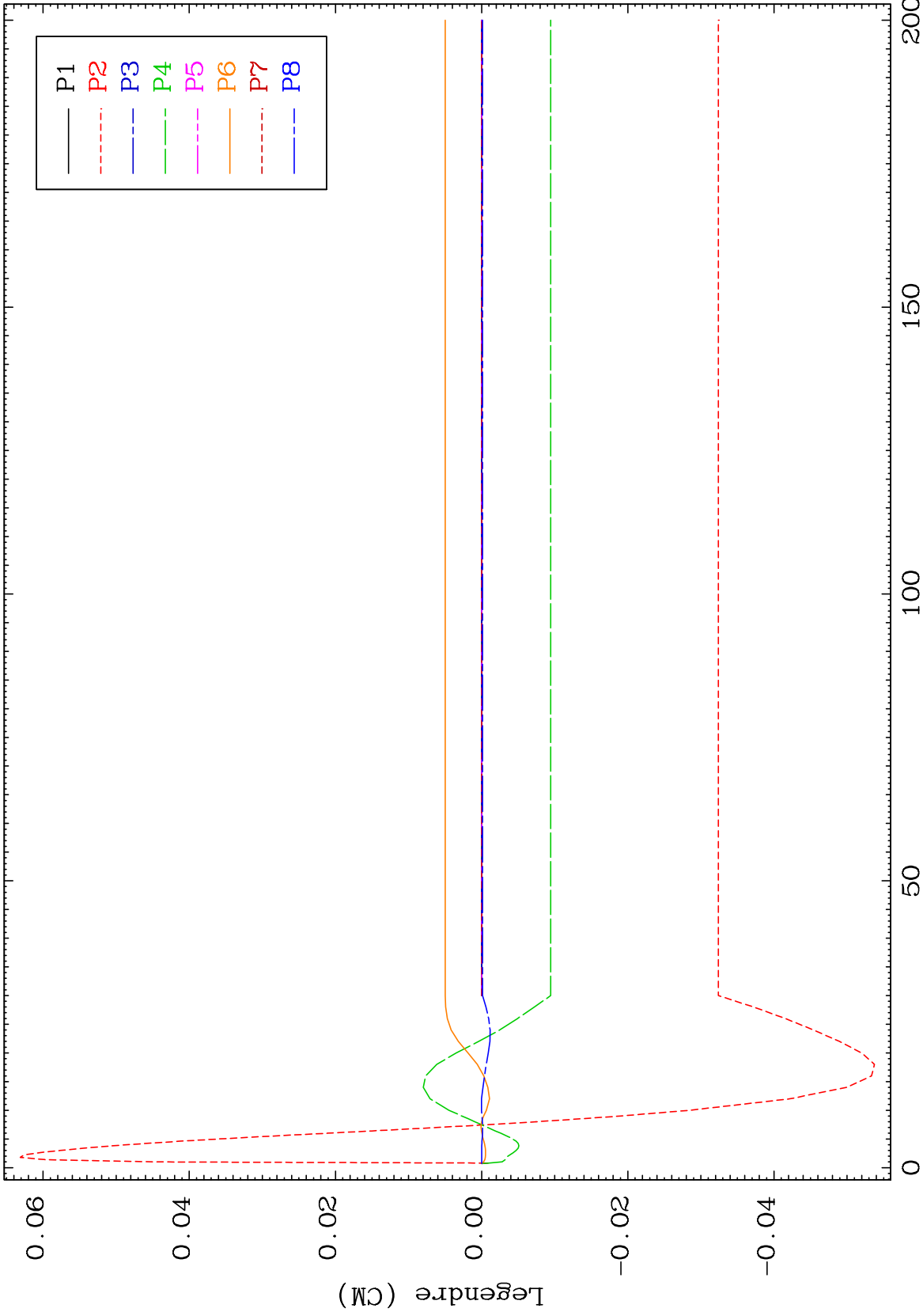
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



52

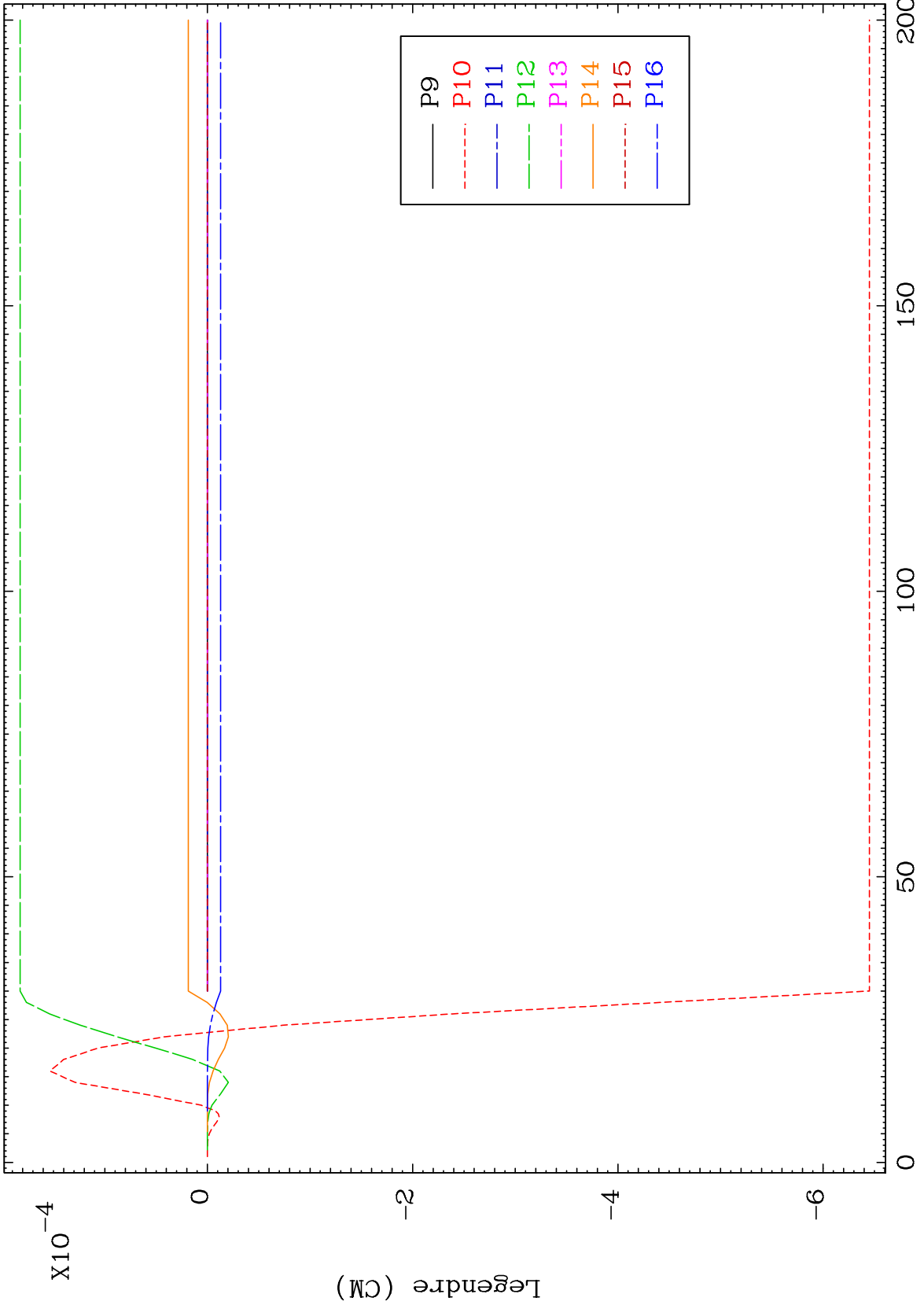
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



53

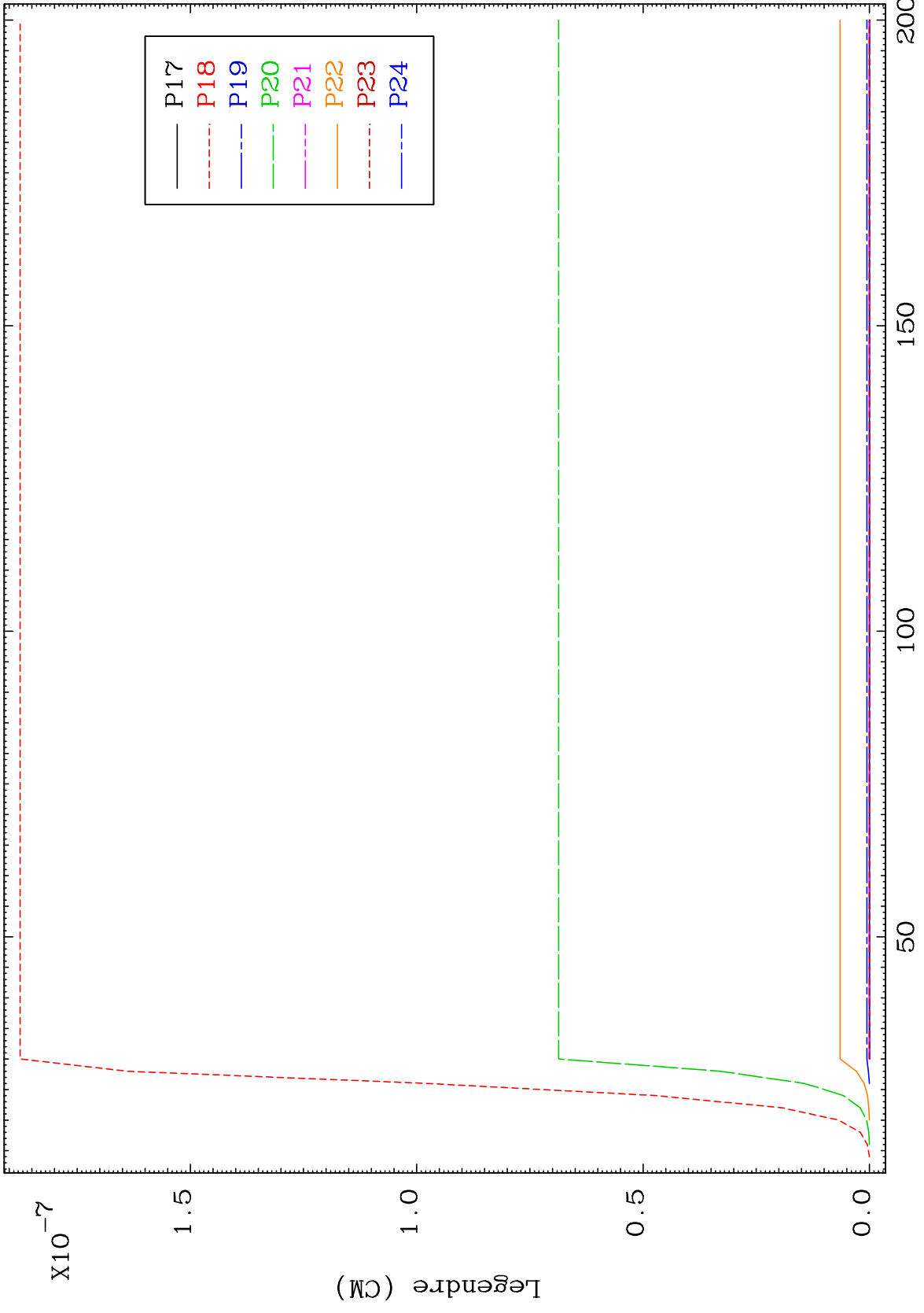
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115

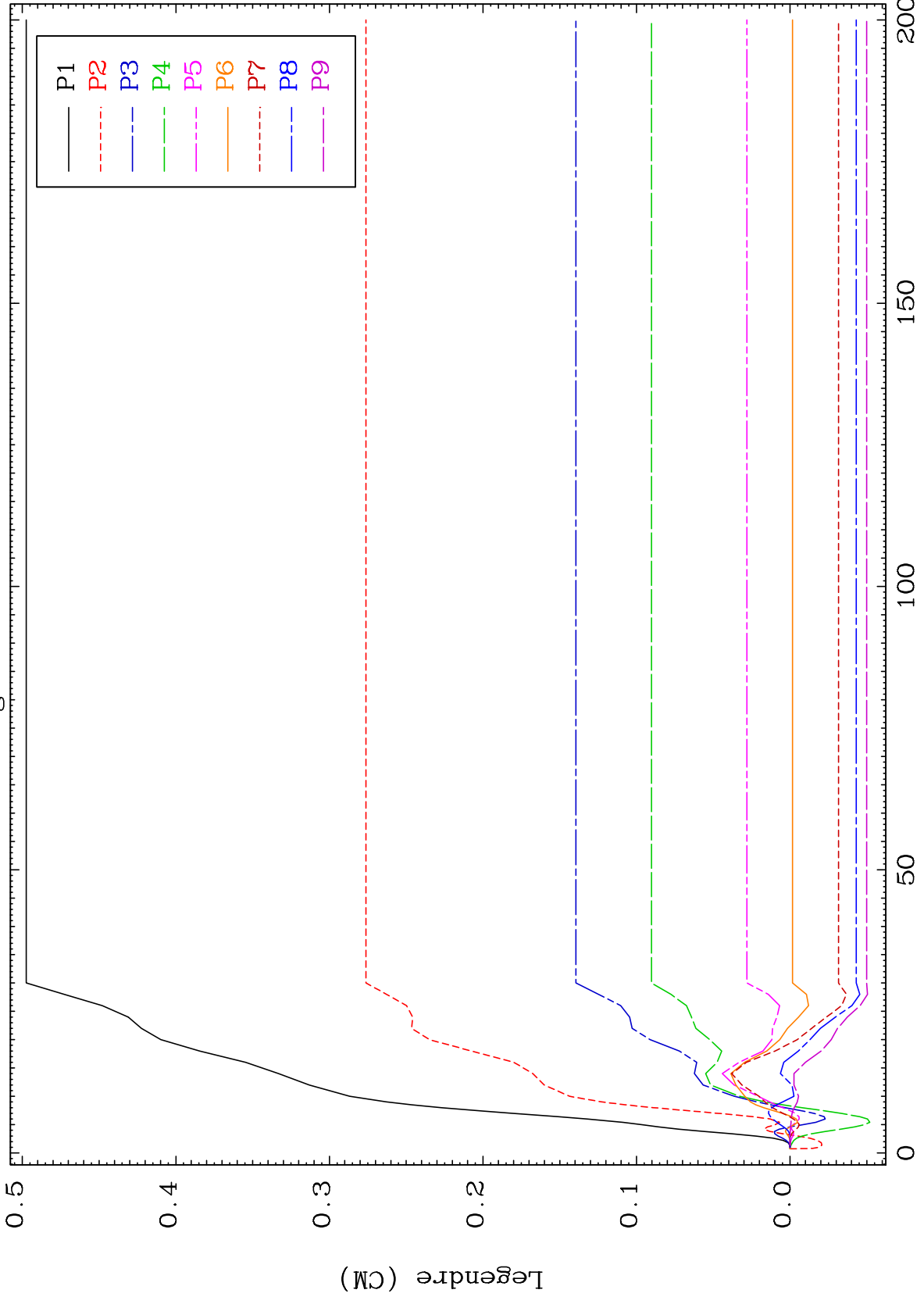


54

Incident Energy (MeV)

48-Cd-115

MAT 4852 MT= 62 (n,n') Level Legendre Coefficients 48-Cd-115

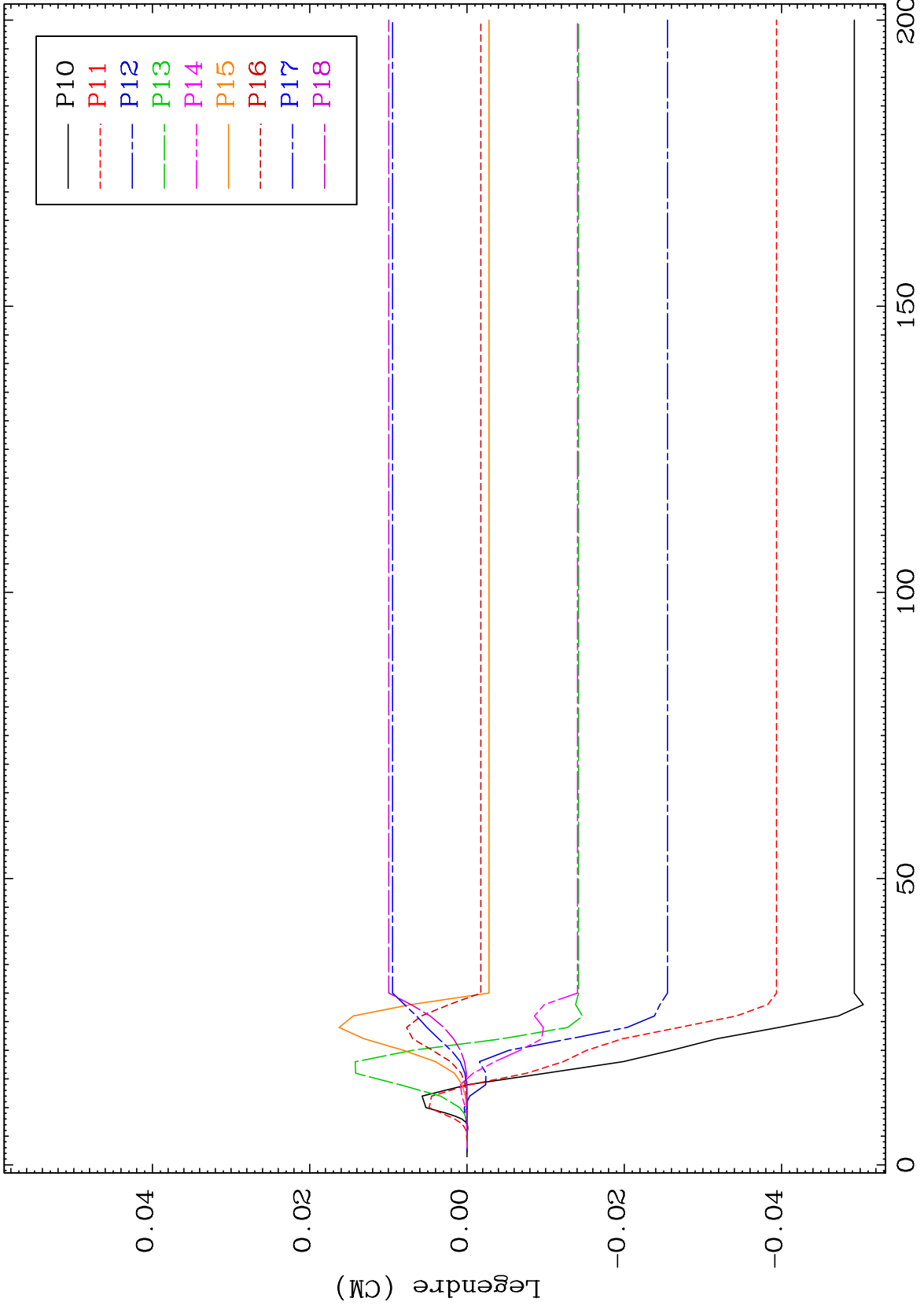


55 Incident Energy (MeV) 48-Cd-115

MAT 4852

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

48-Cd-115



56

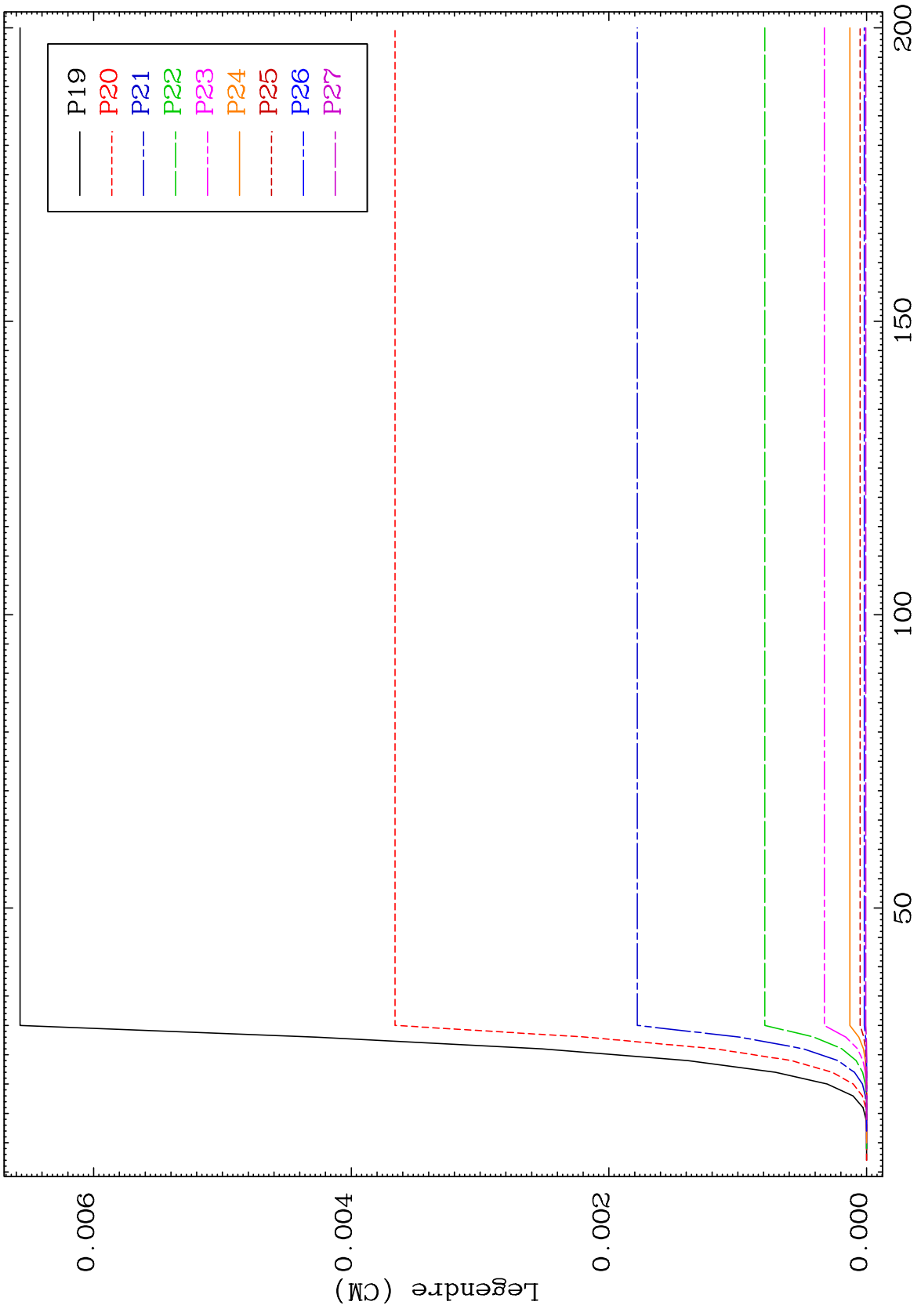
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



57

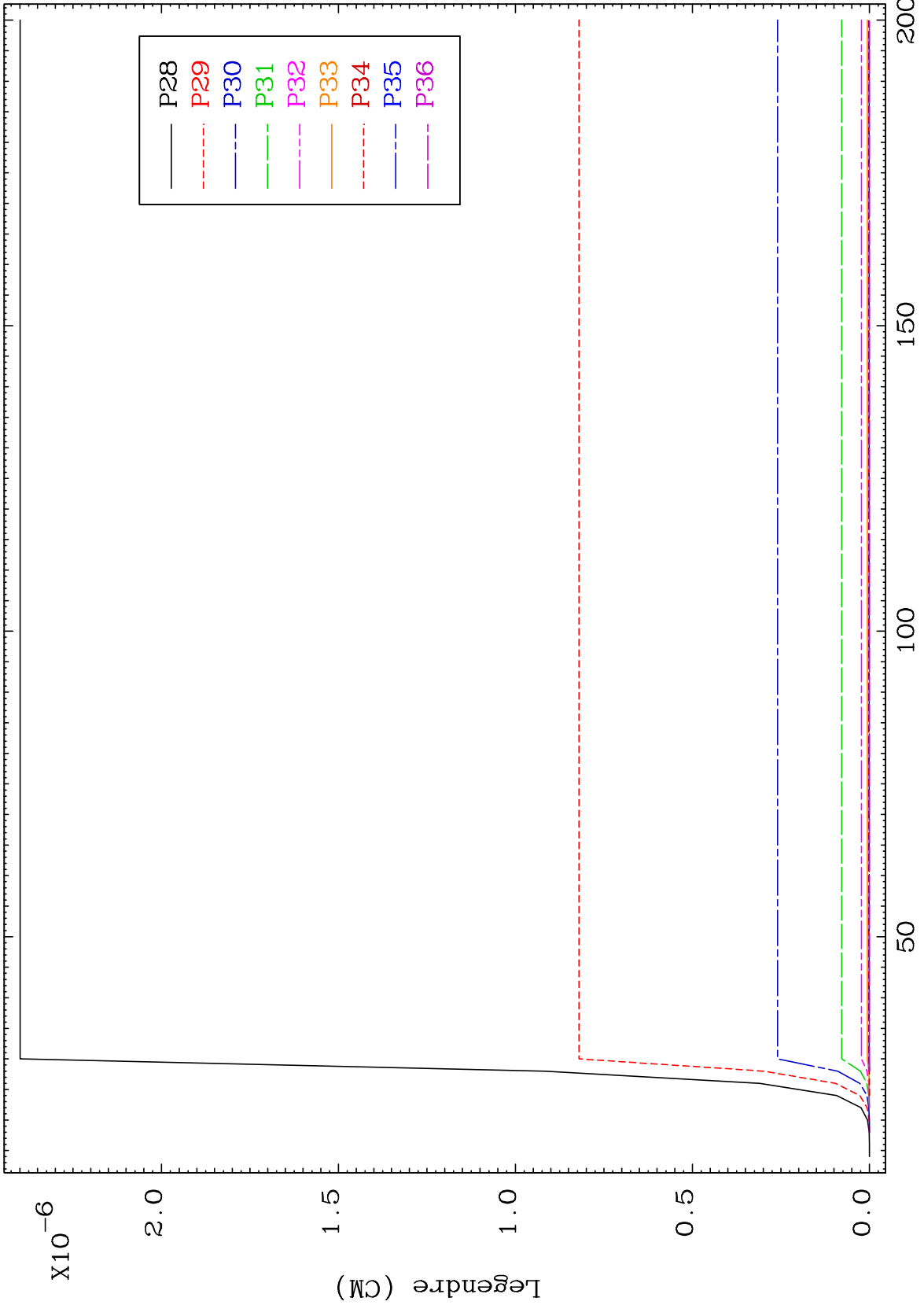
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



58

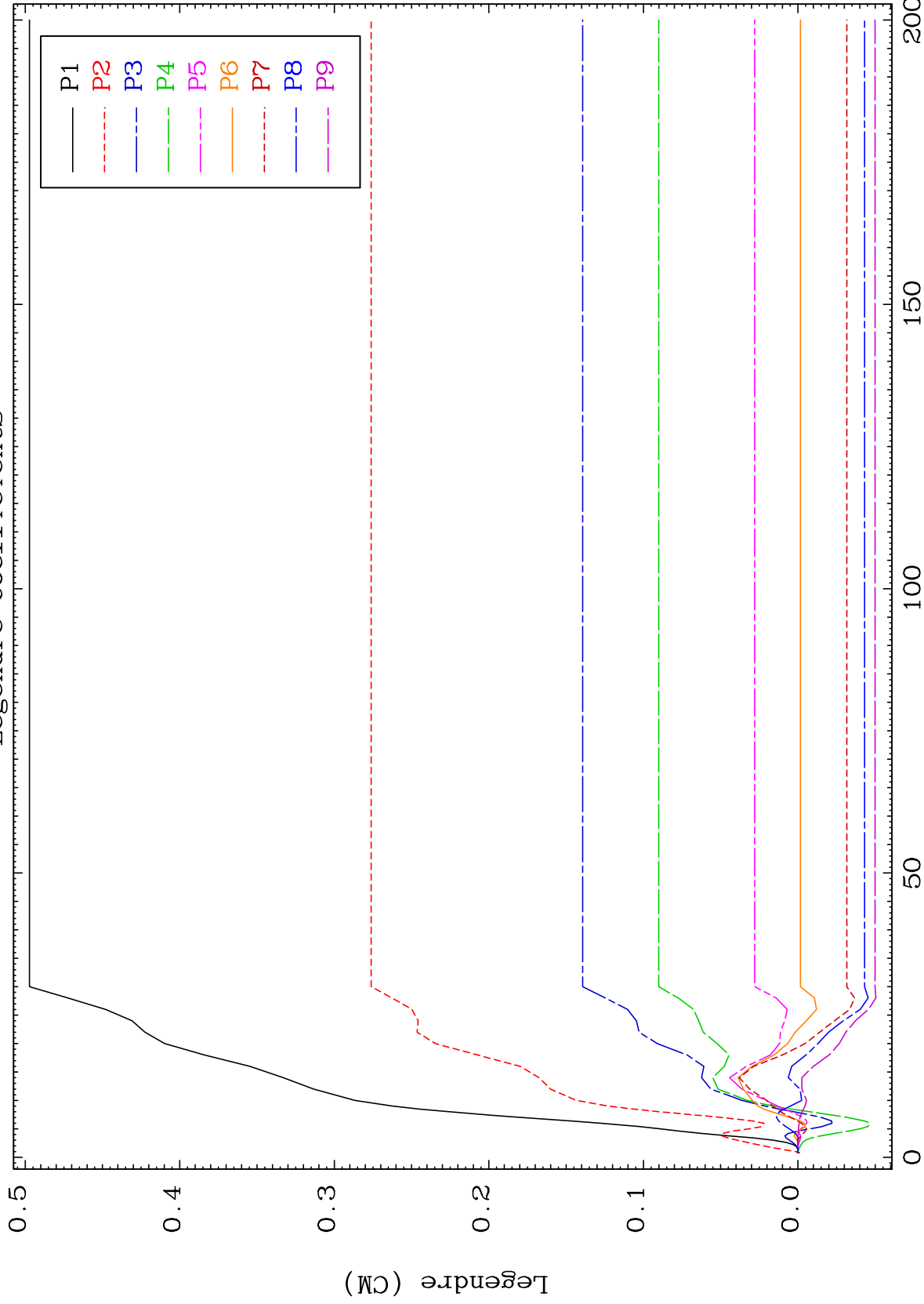
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



59

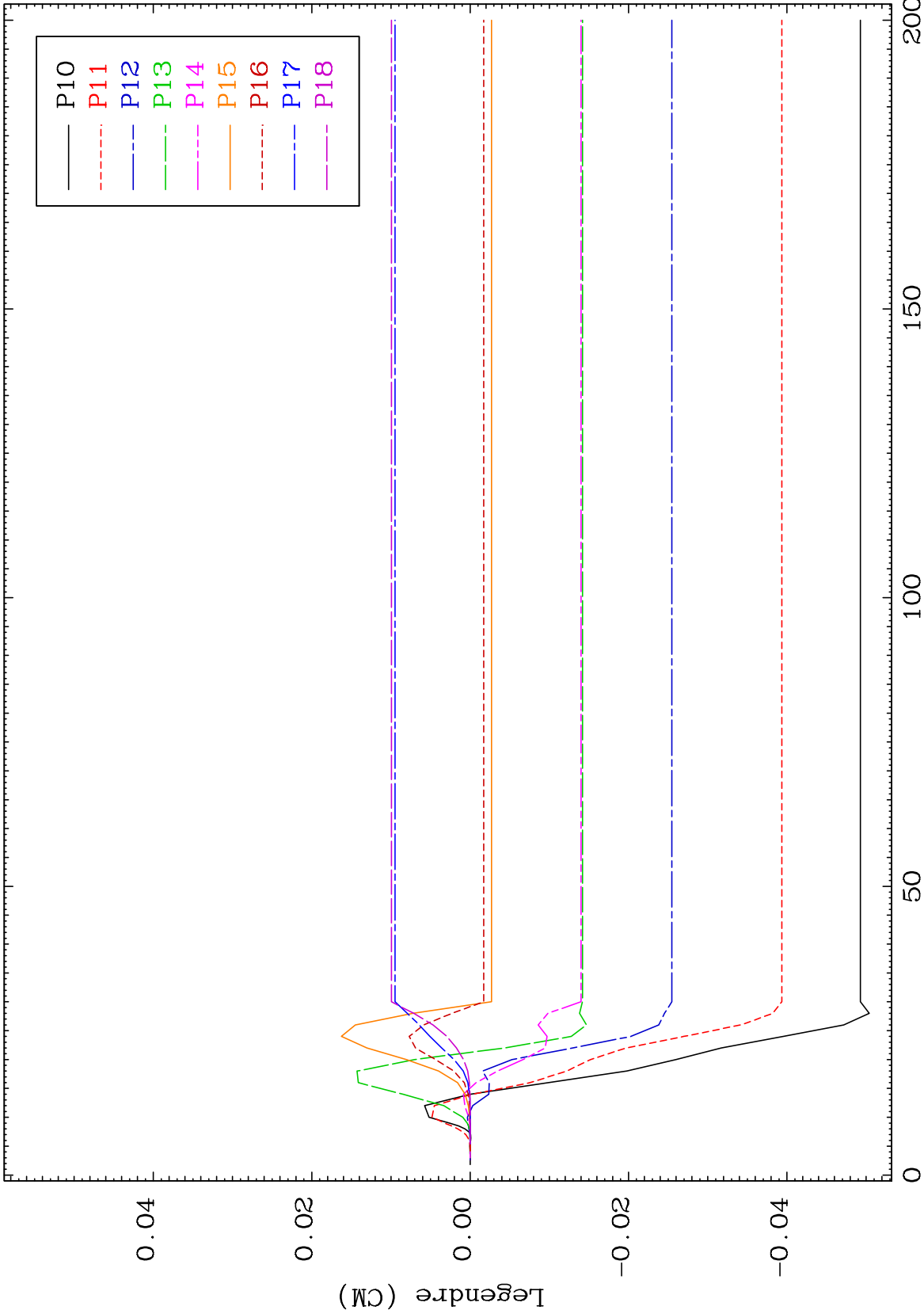
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



60

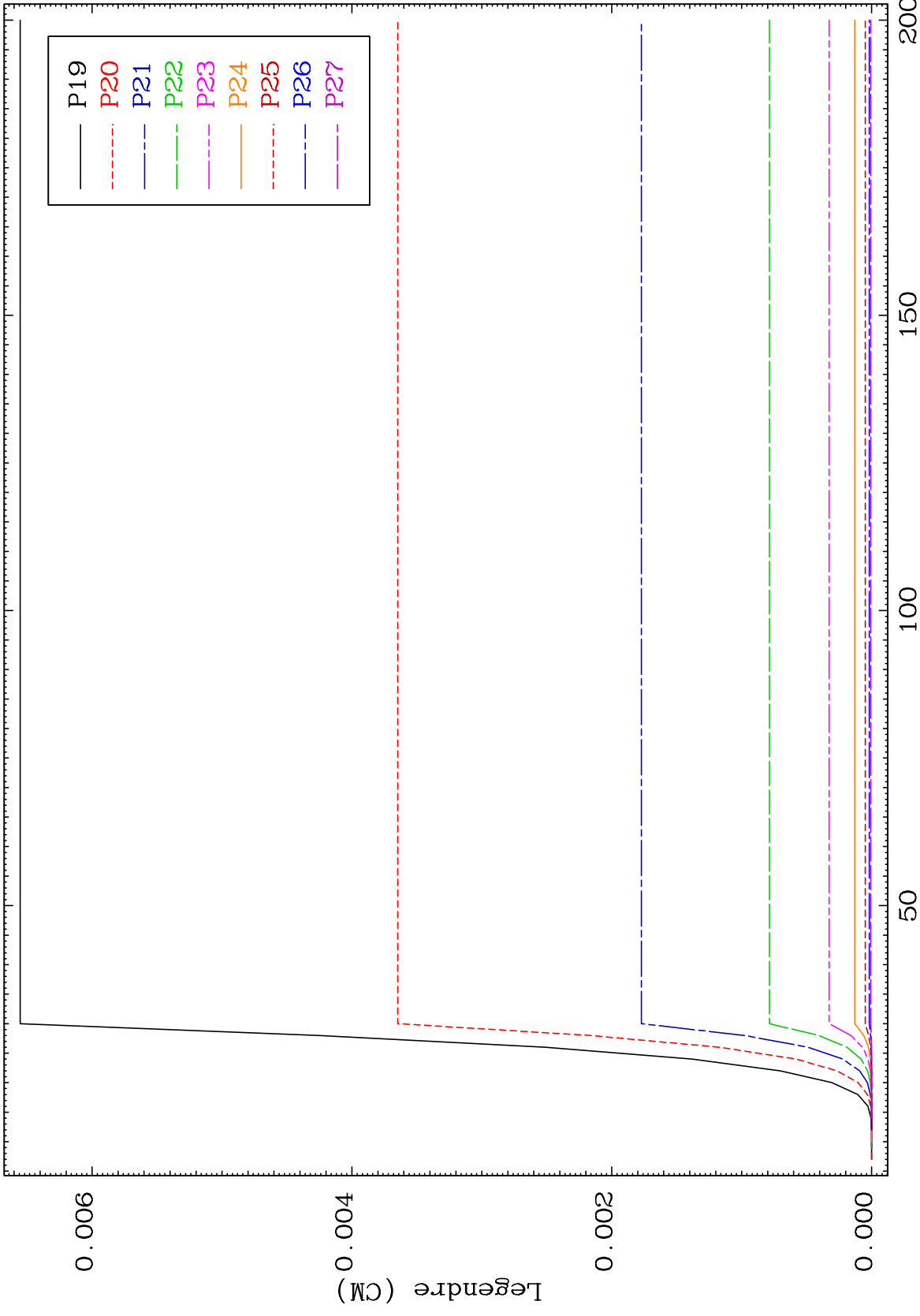
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



61

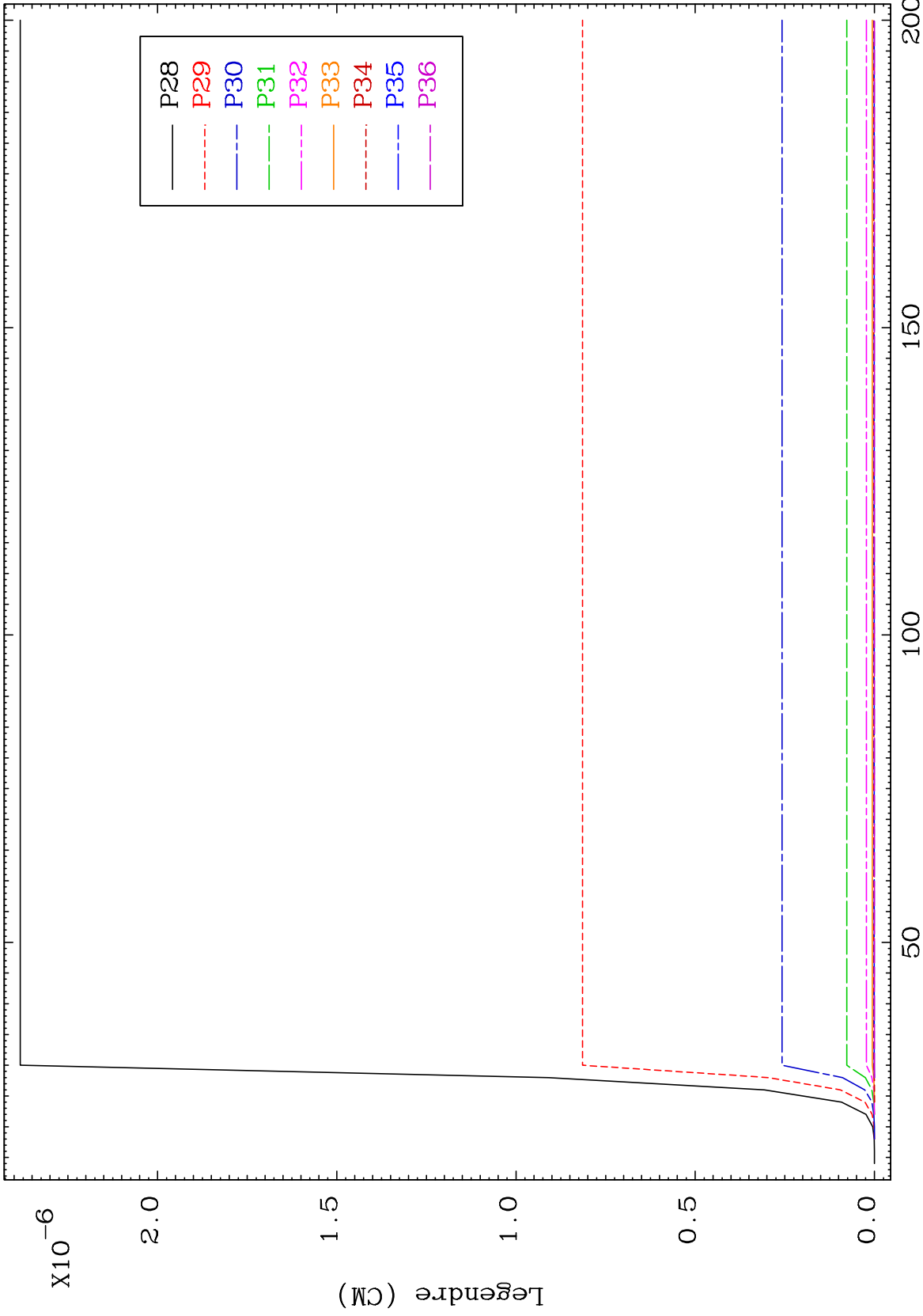
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115

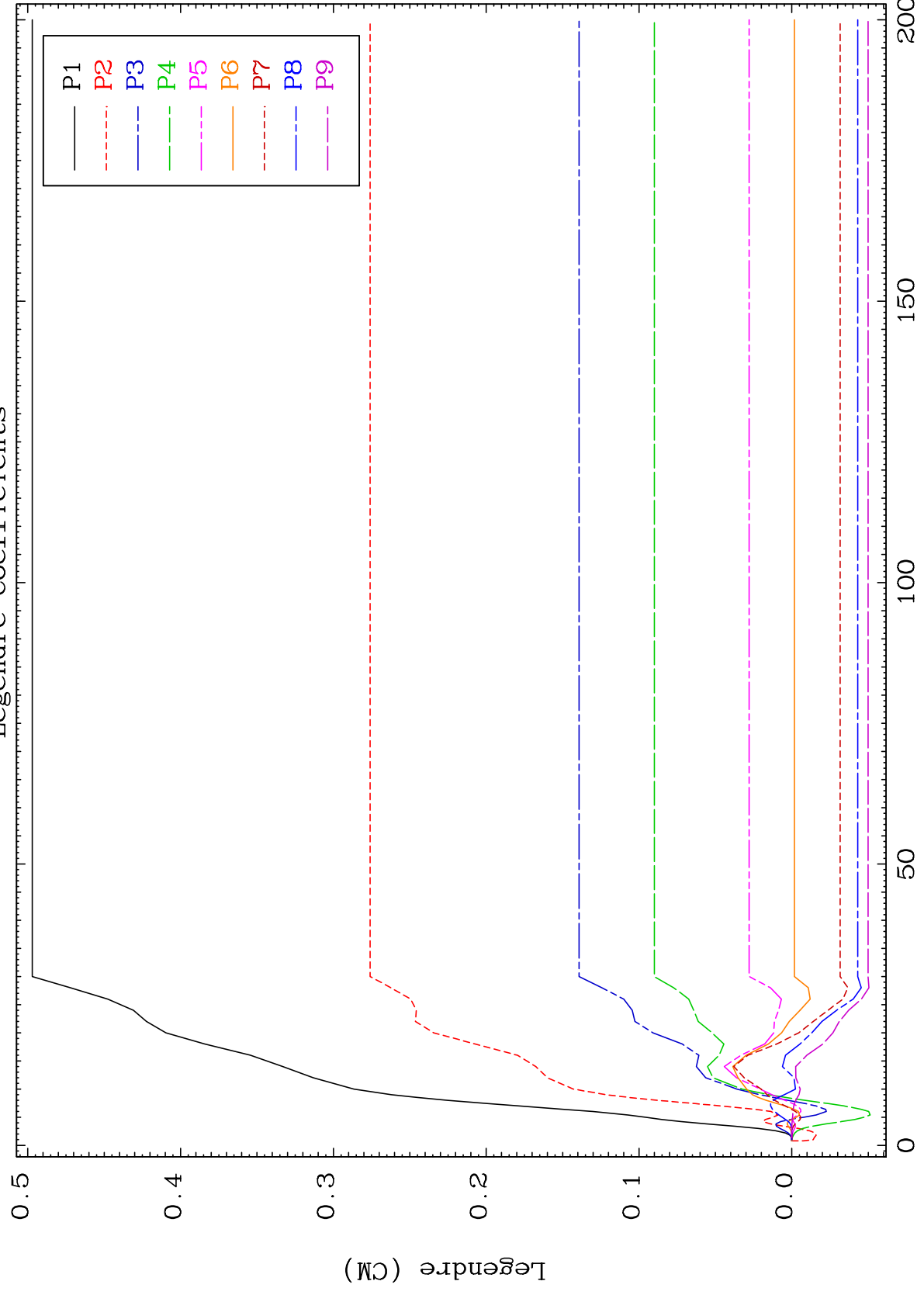


62

Incident Energy (MeV)

48-Cd-115

MAT 4852 MT= 64 (n,n') Level Legendre Coefficients 48-Cd-115

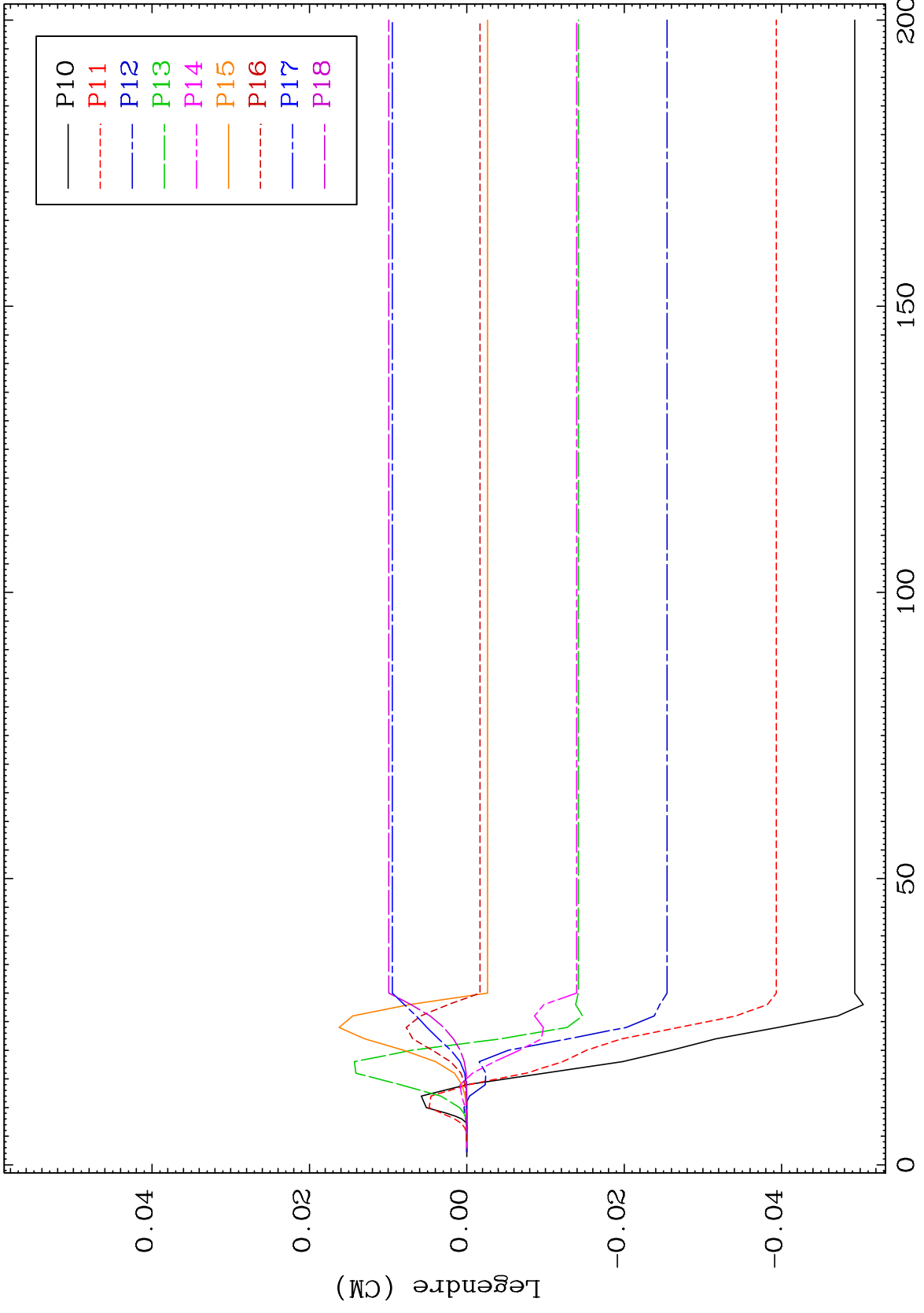


63 48-Cd-115

MAT 4852

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

48-Cd-115



64

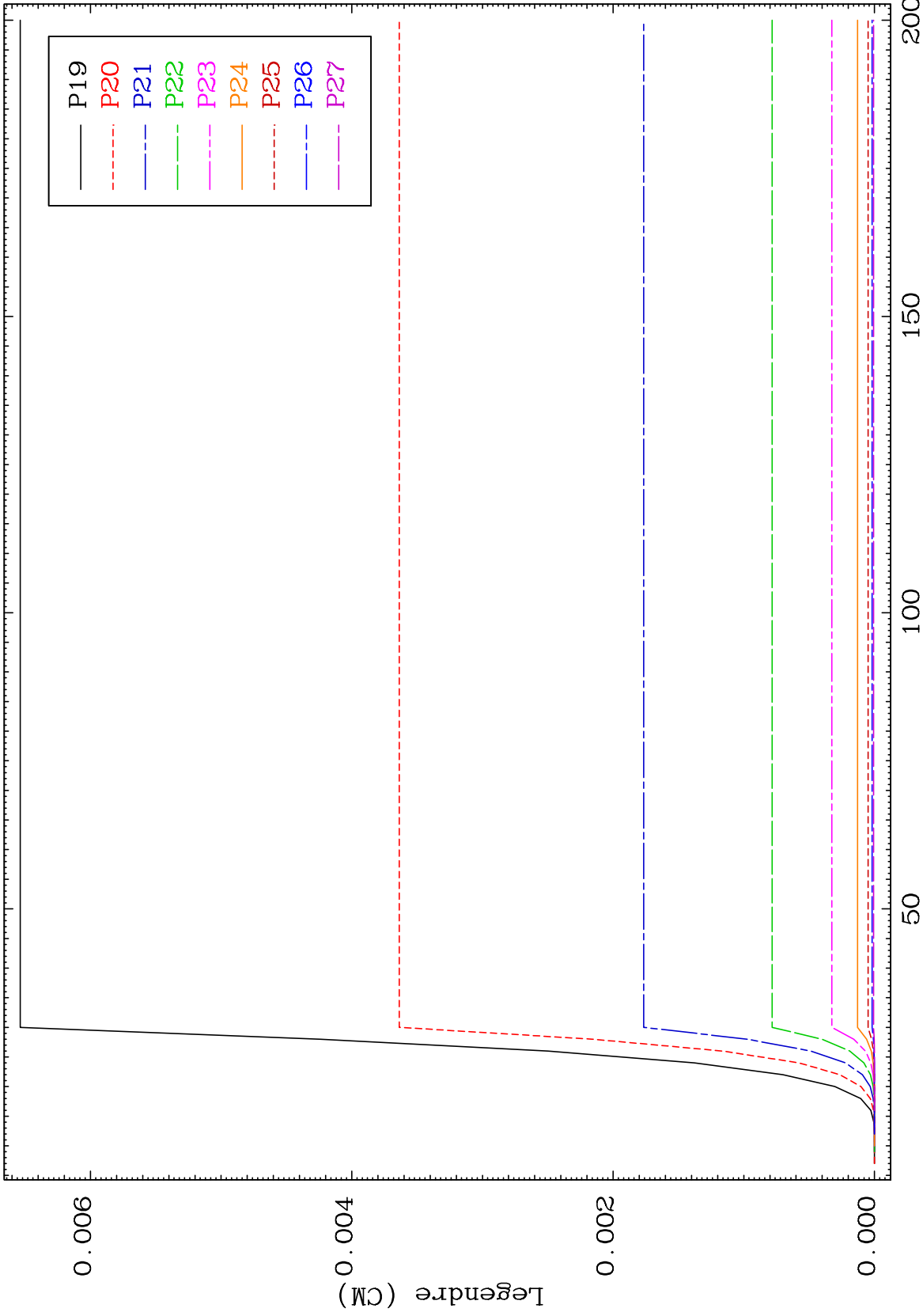
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



65

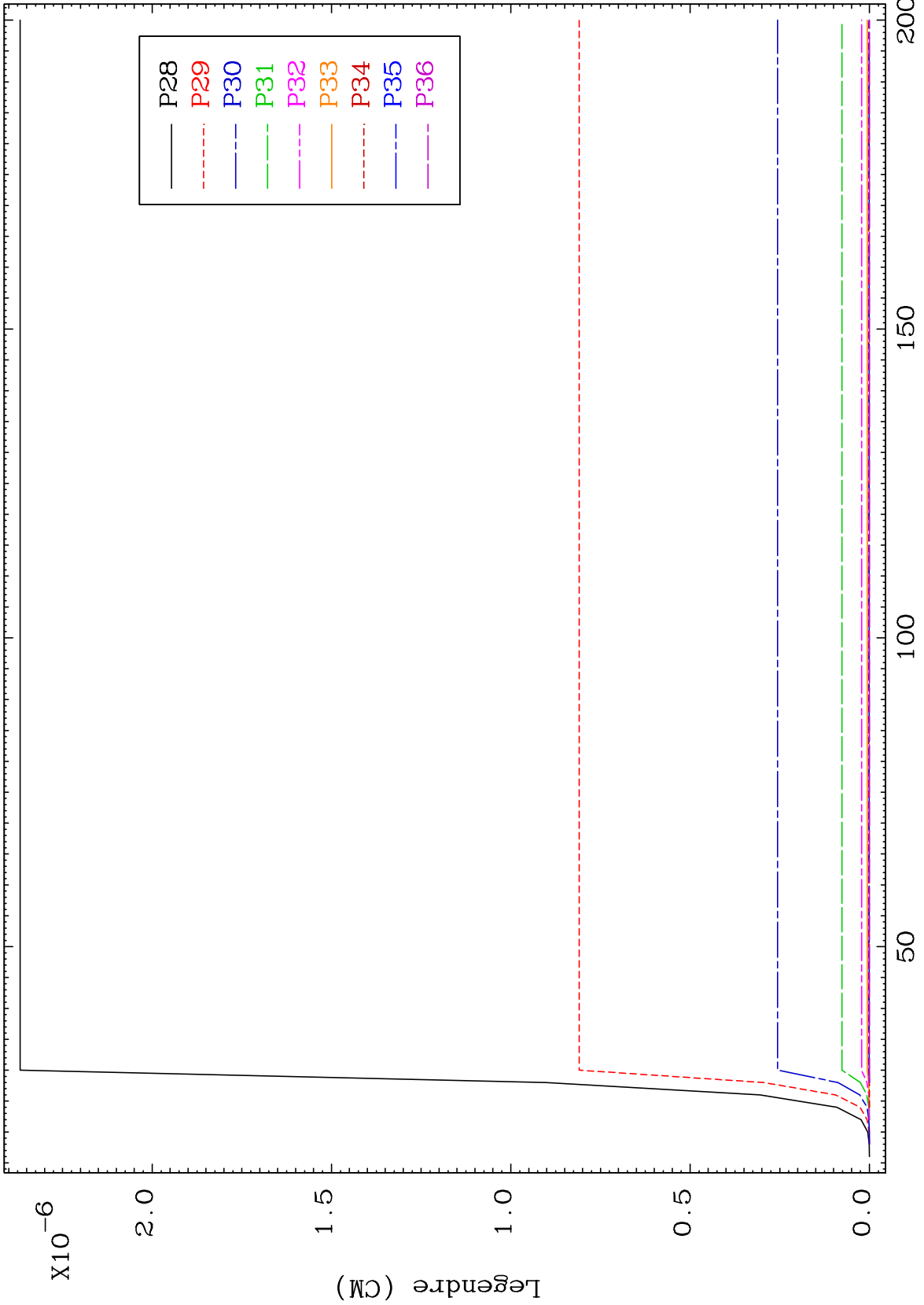
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



66

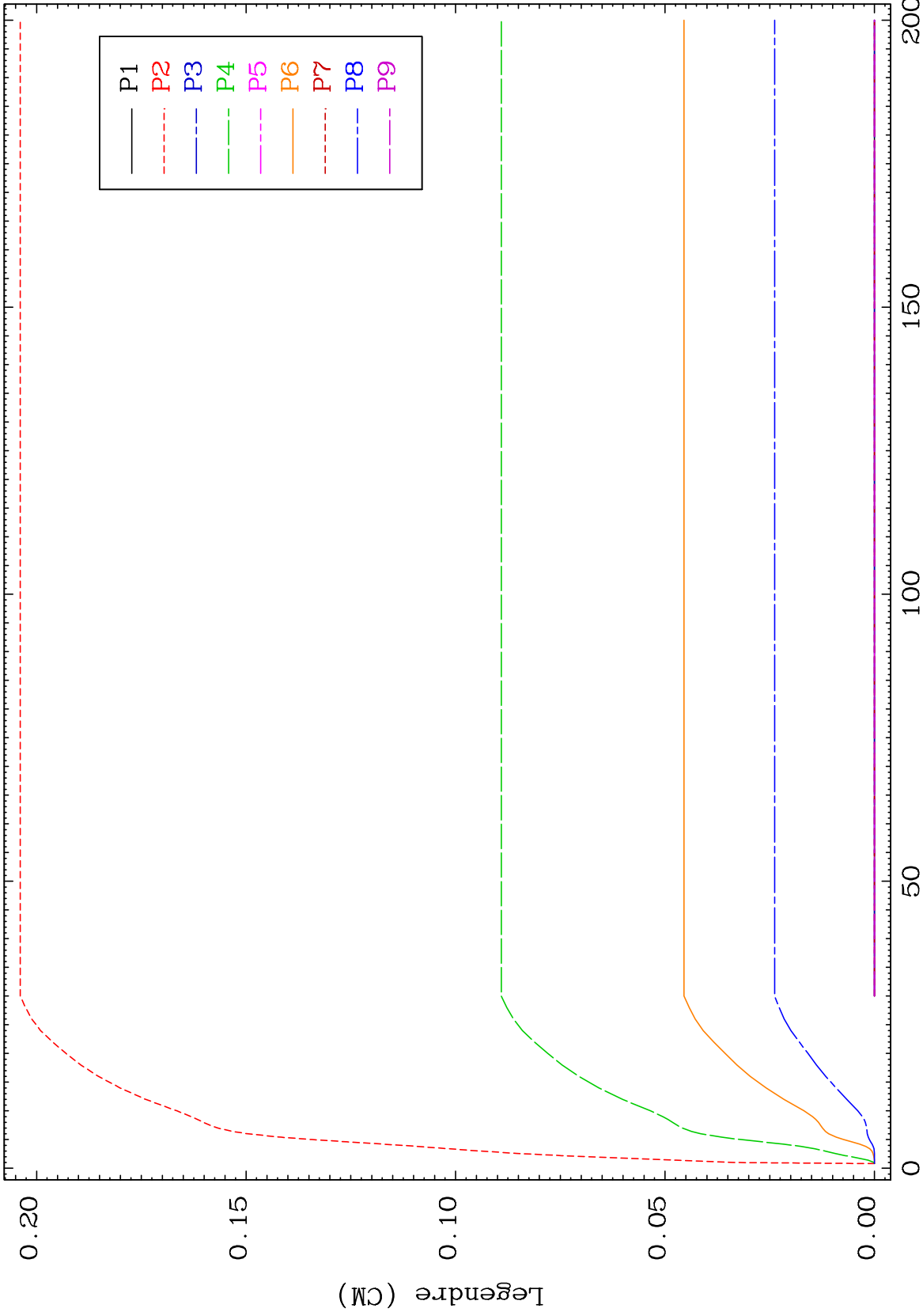
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



67

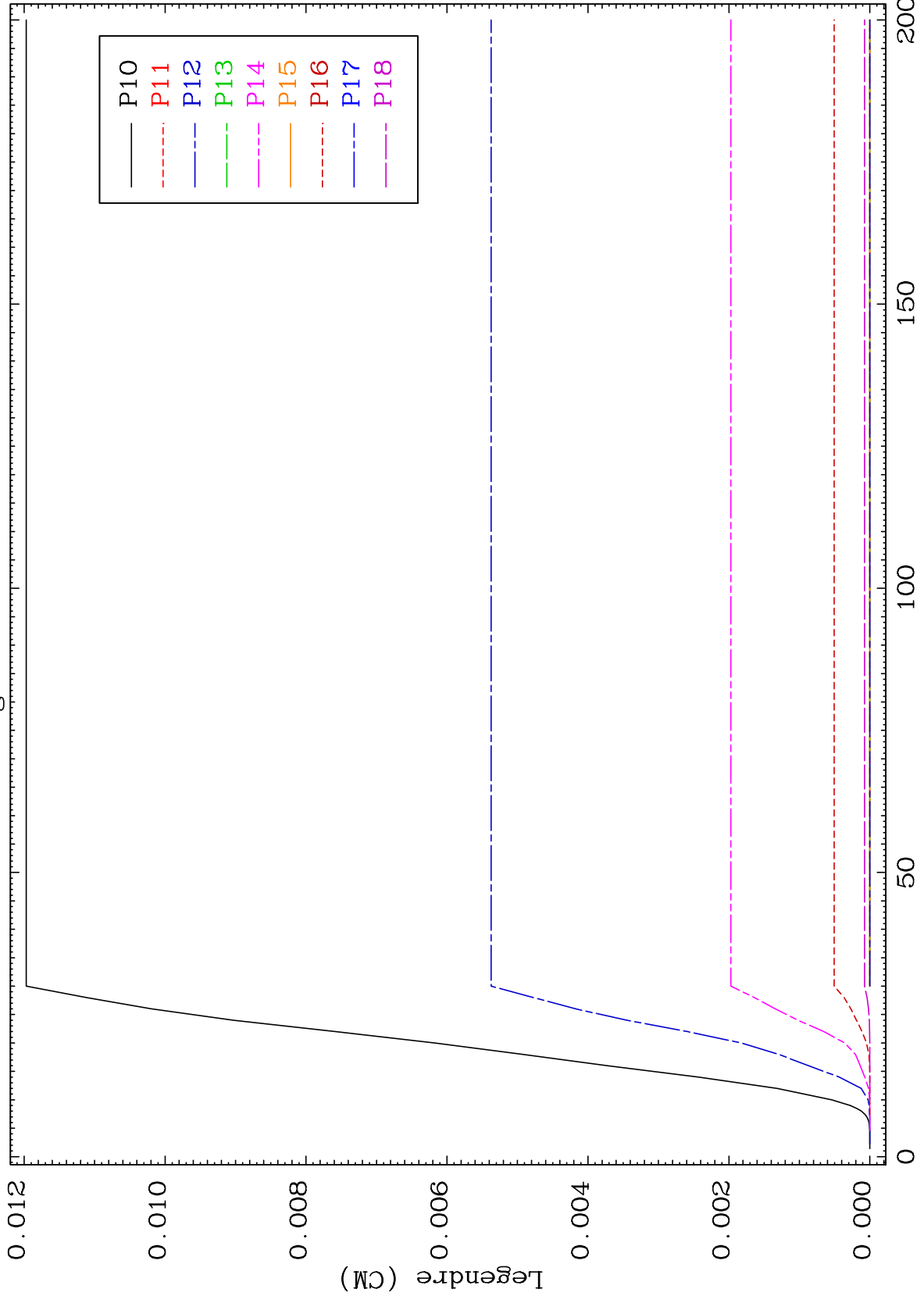
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



68

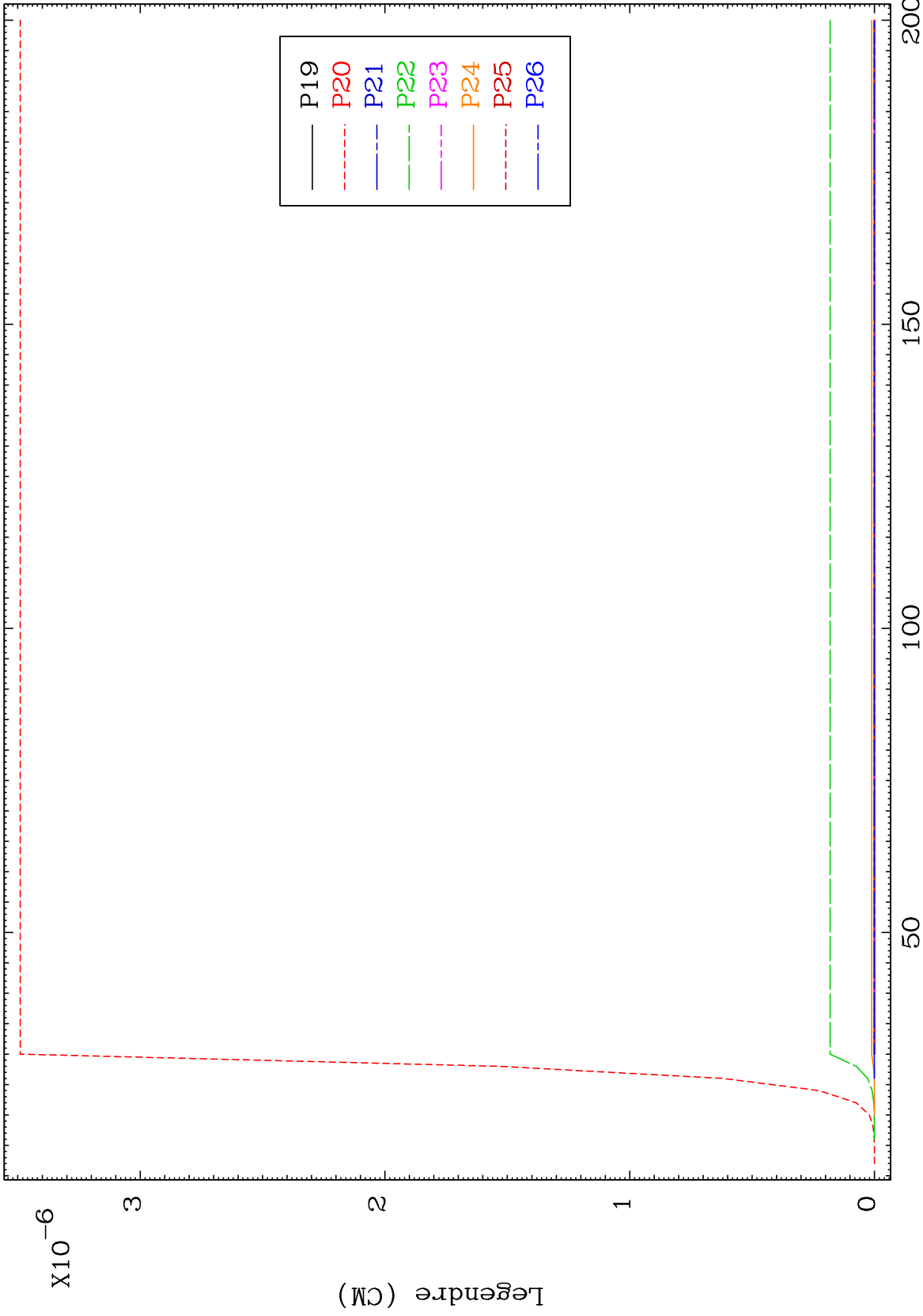
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



69

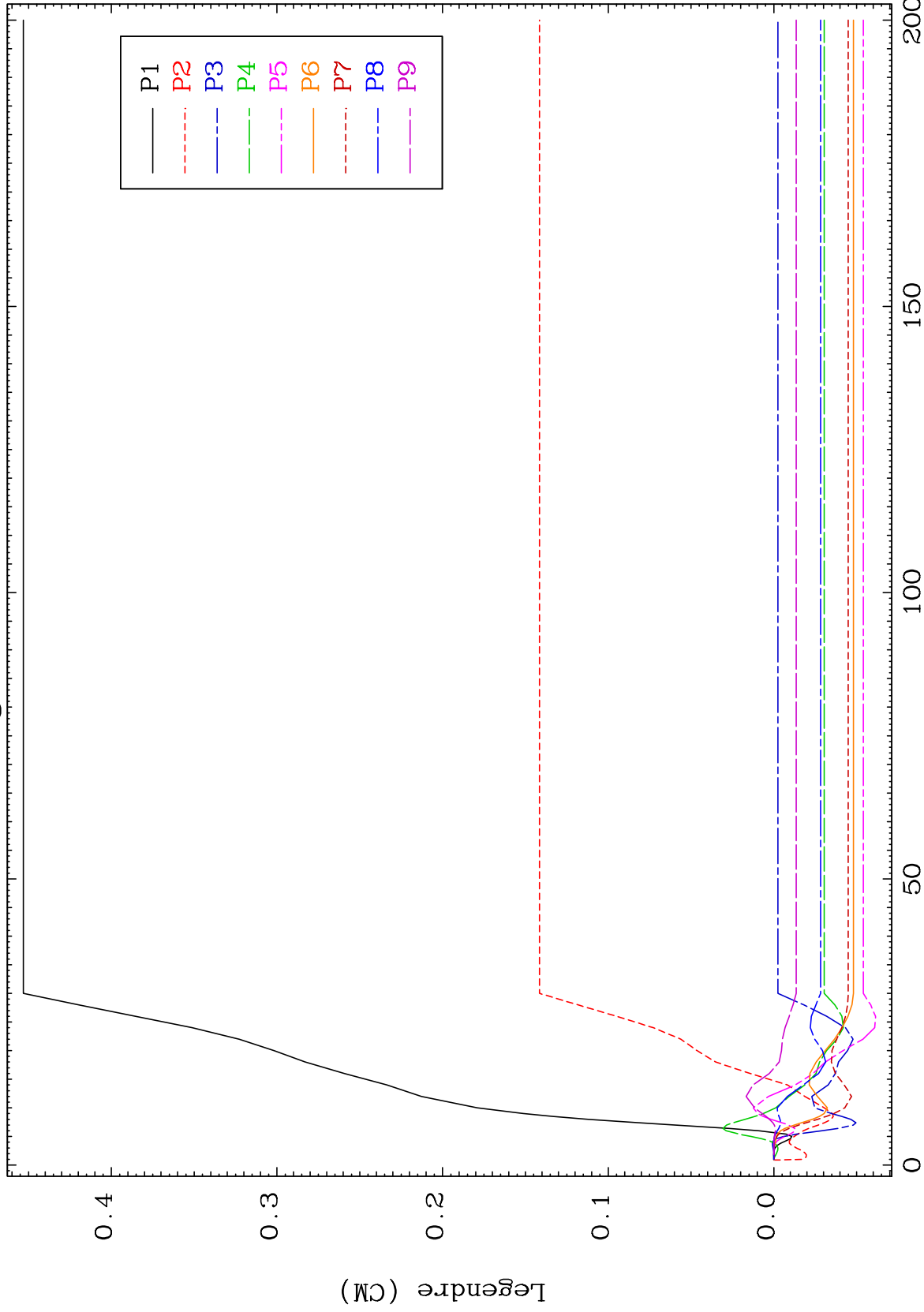
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



70

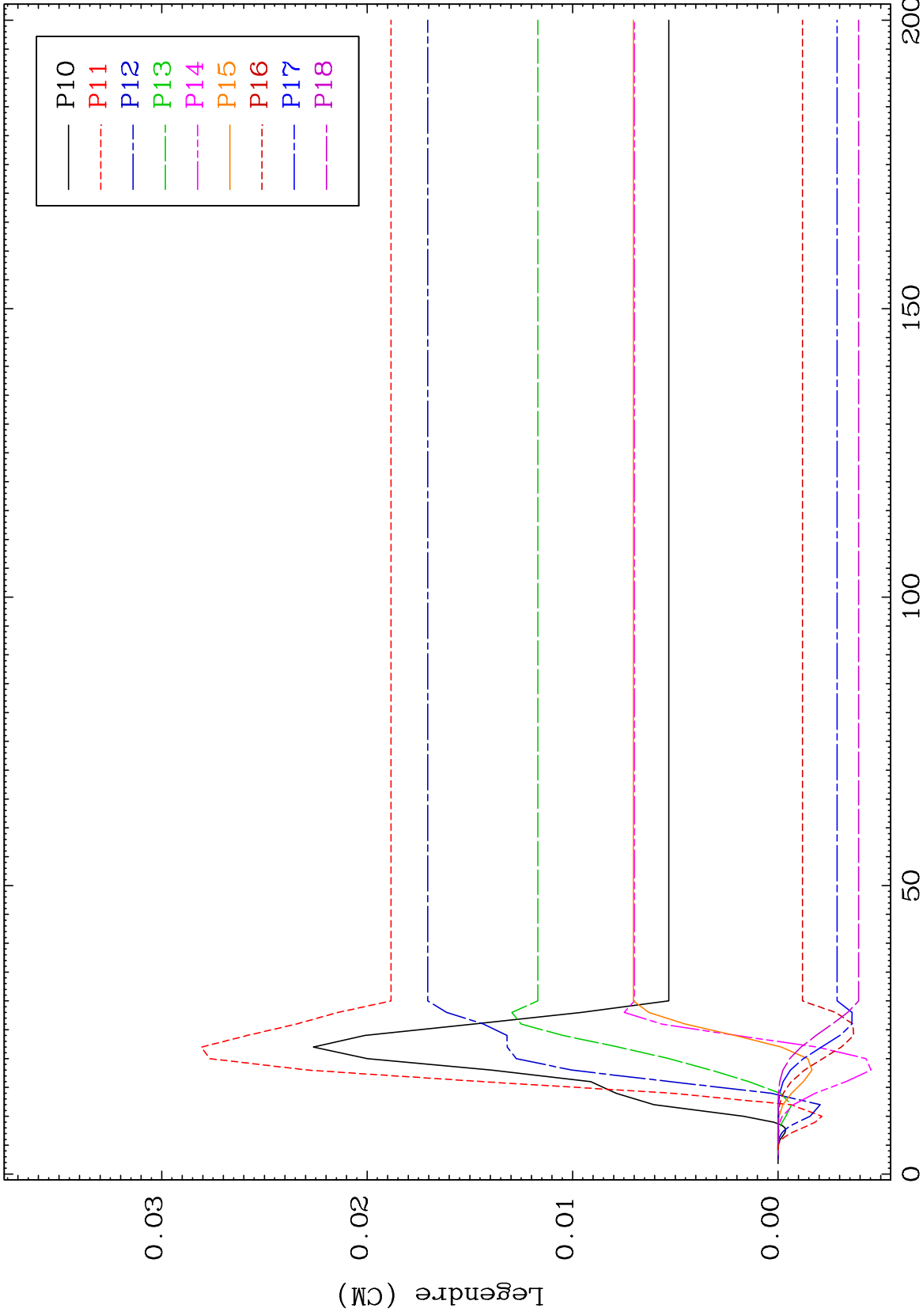
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



71

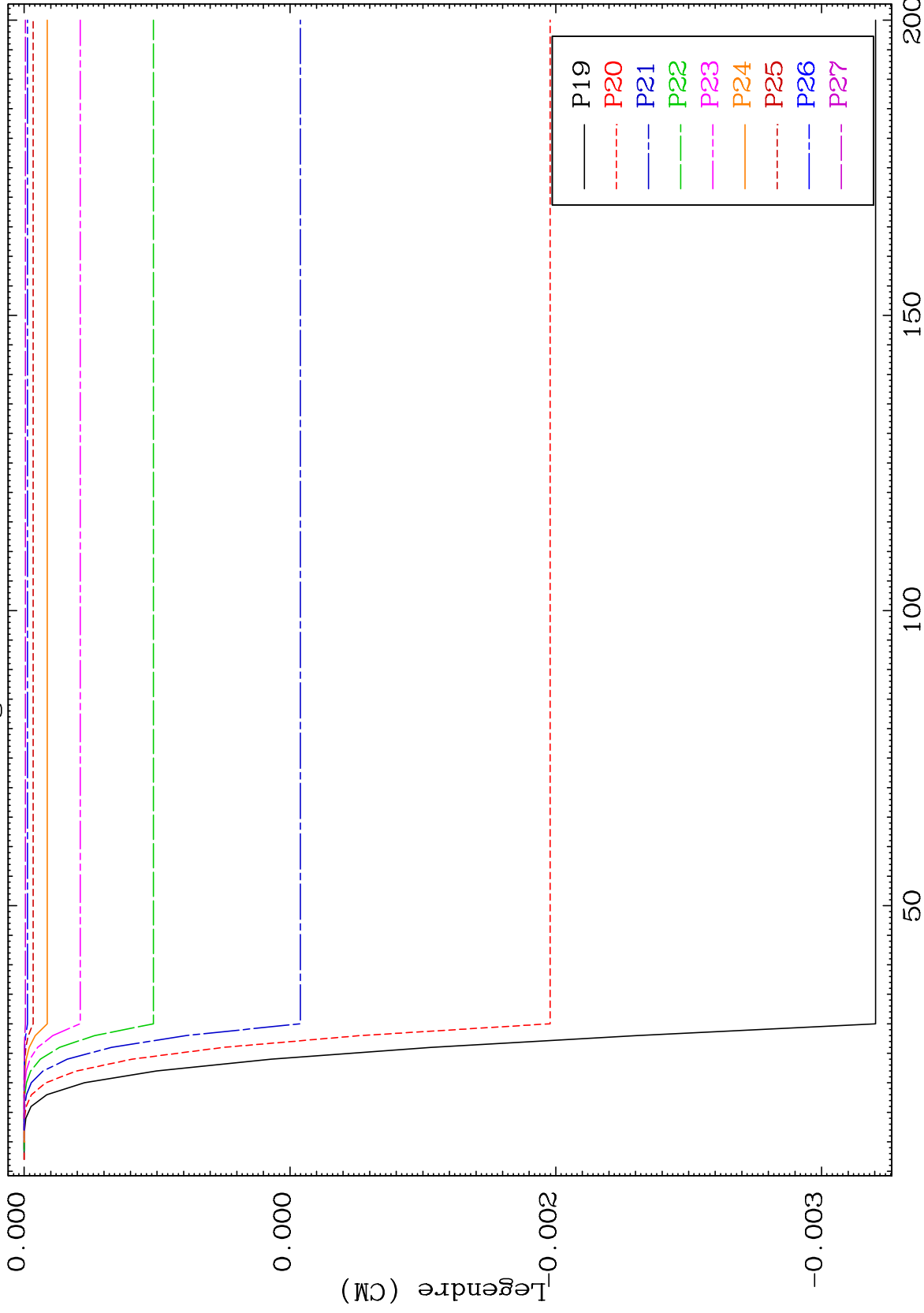
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



48-Cd-115

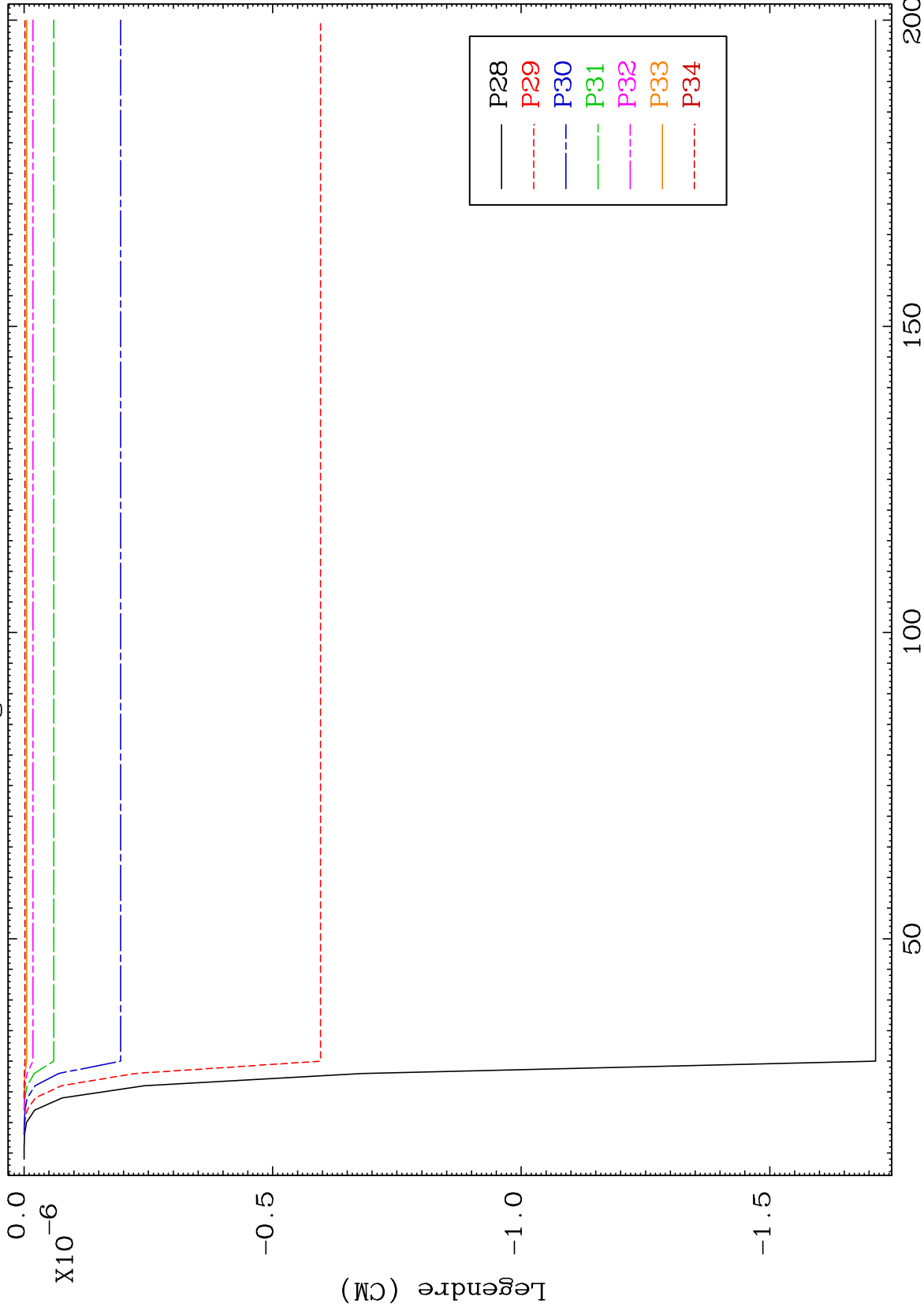
Incident Energy (MeV)

72

MAT 4852

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

48-Cd-115



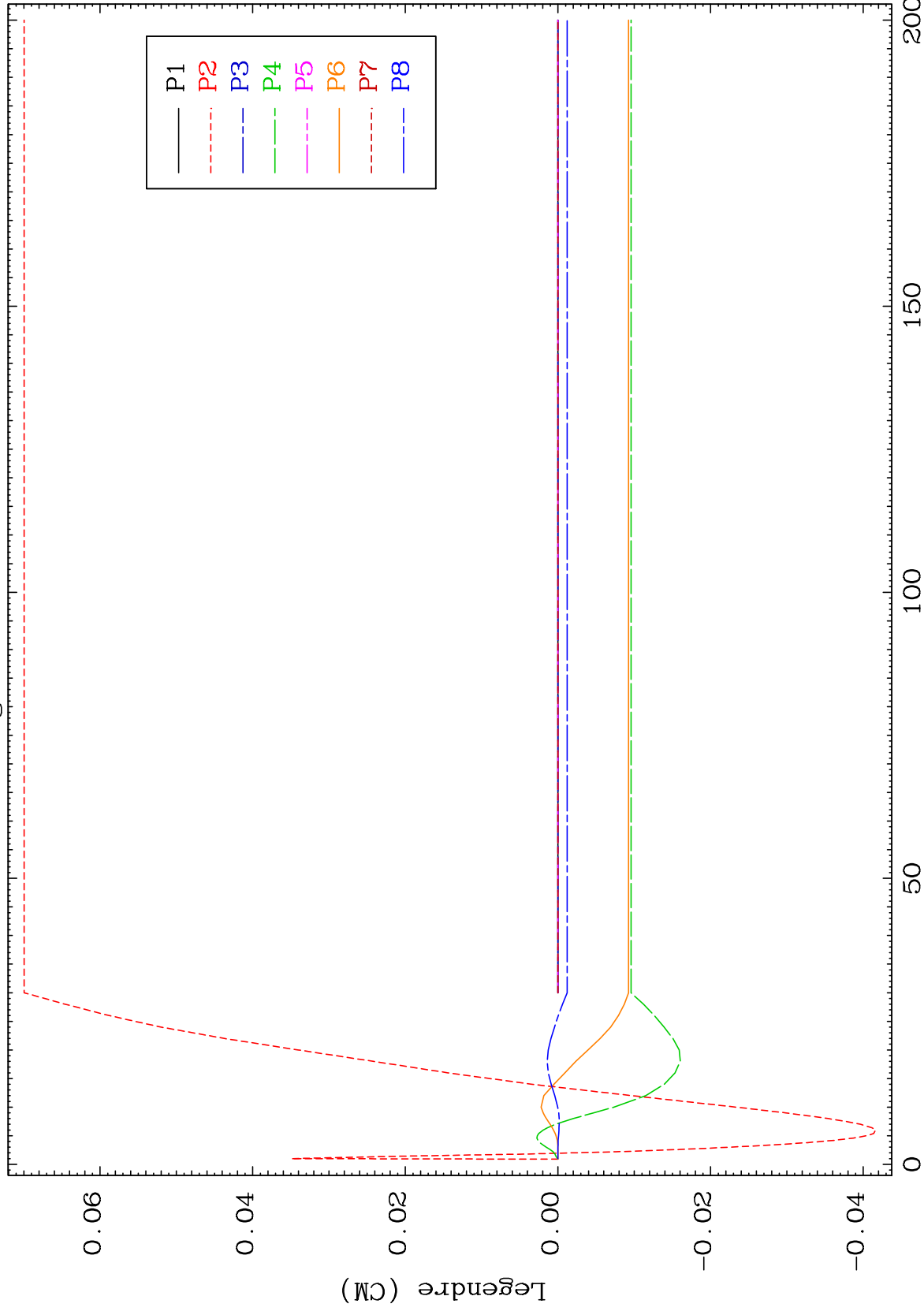
73

48-Cd-115

MAT 4852

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

48-Cd-115



74

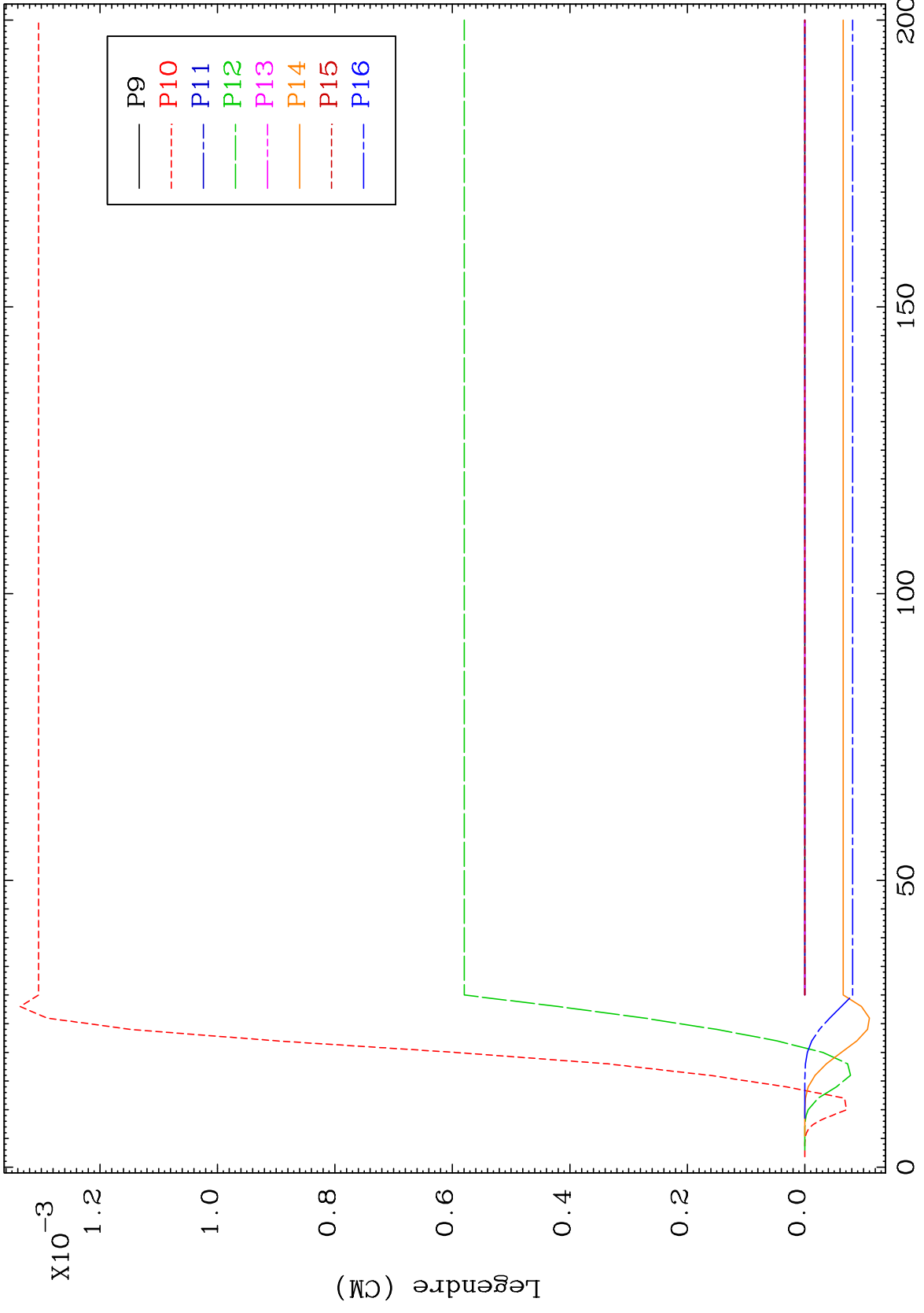
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



75

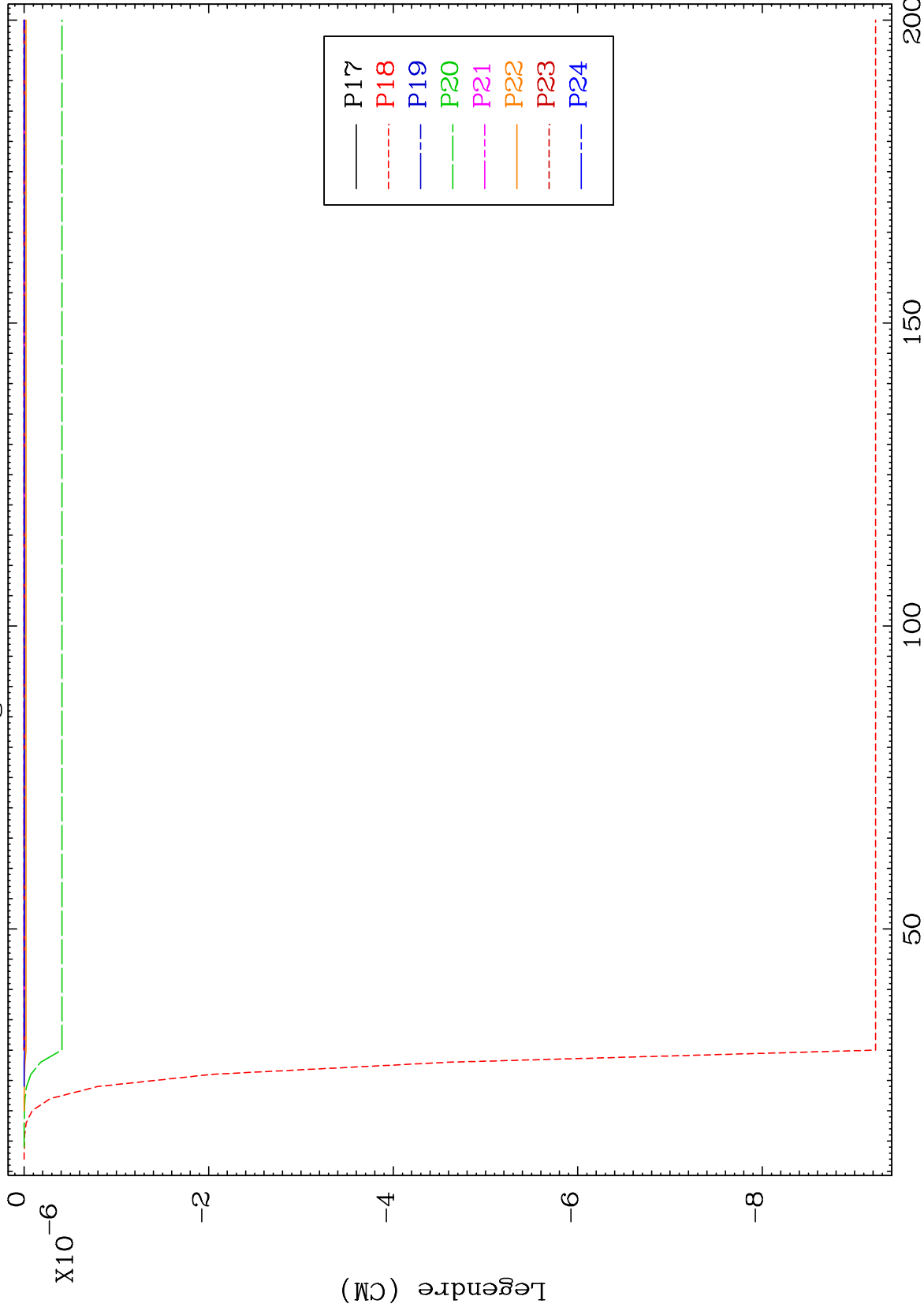
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



76

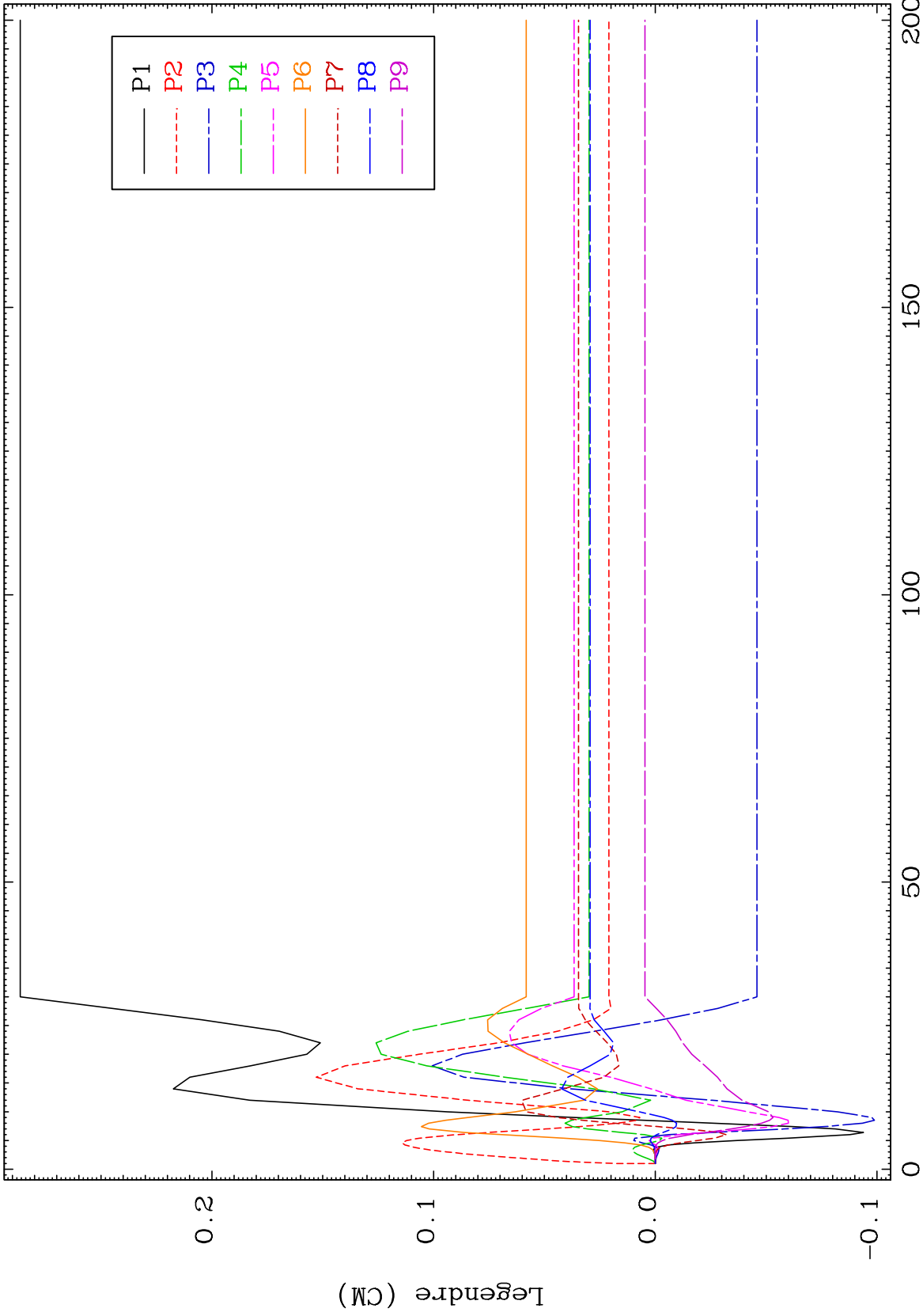
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



77

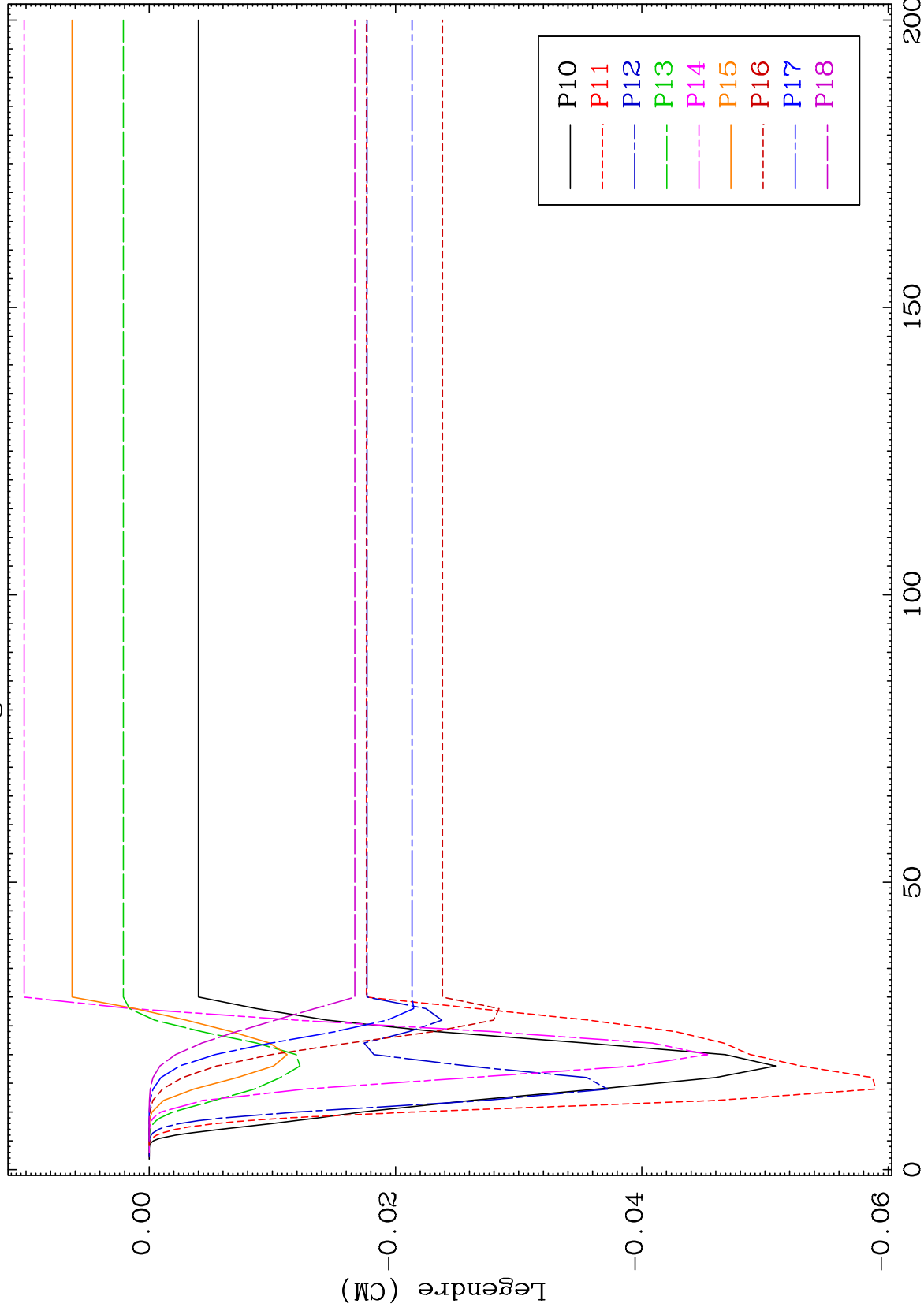
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



78

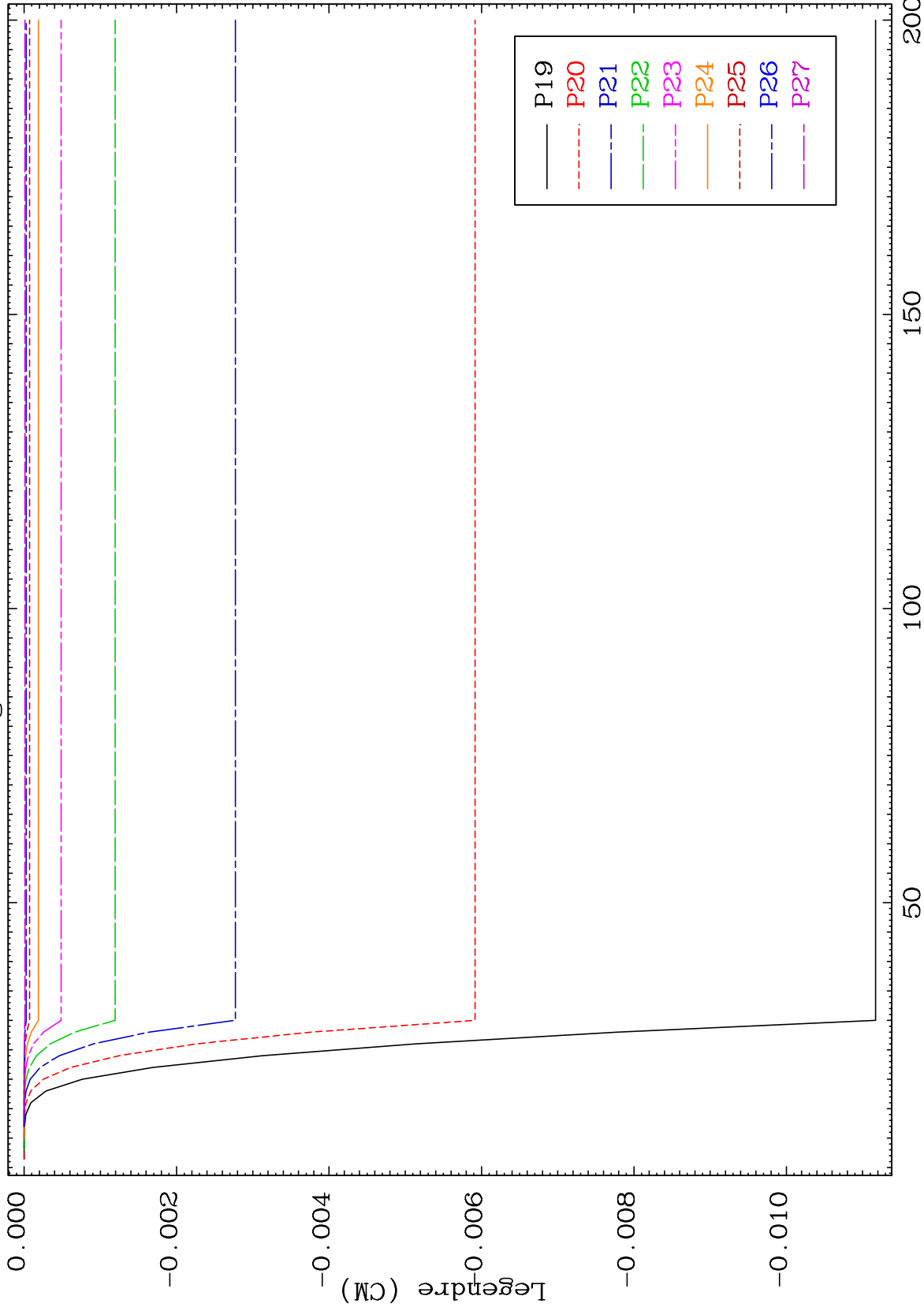
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



48-Cd-115

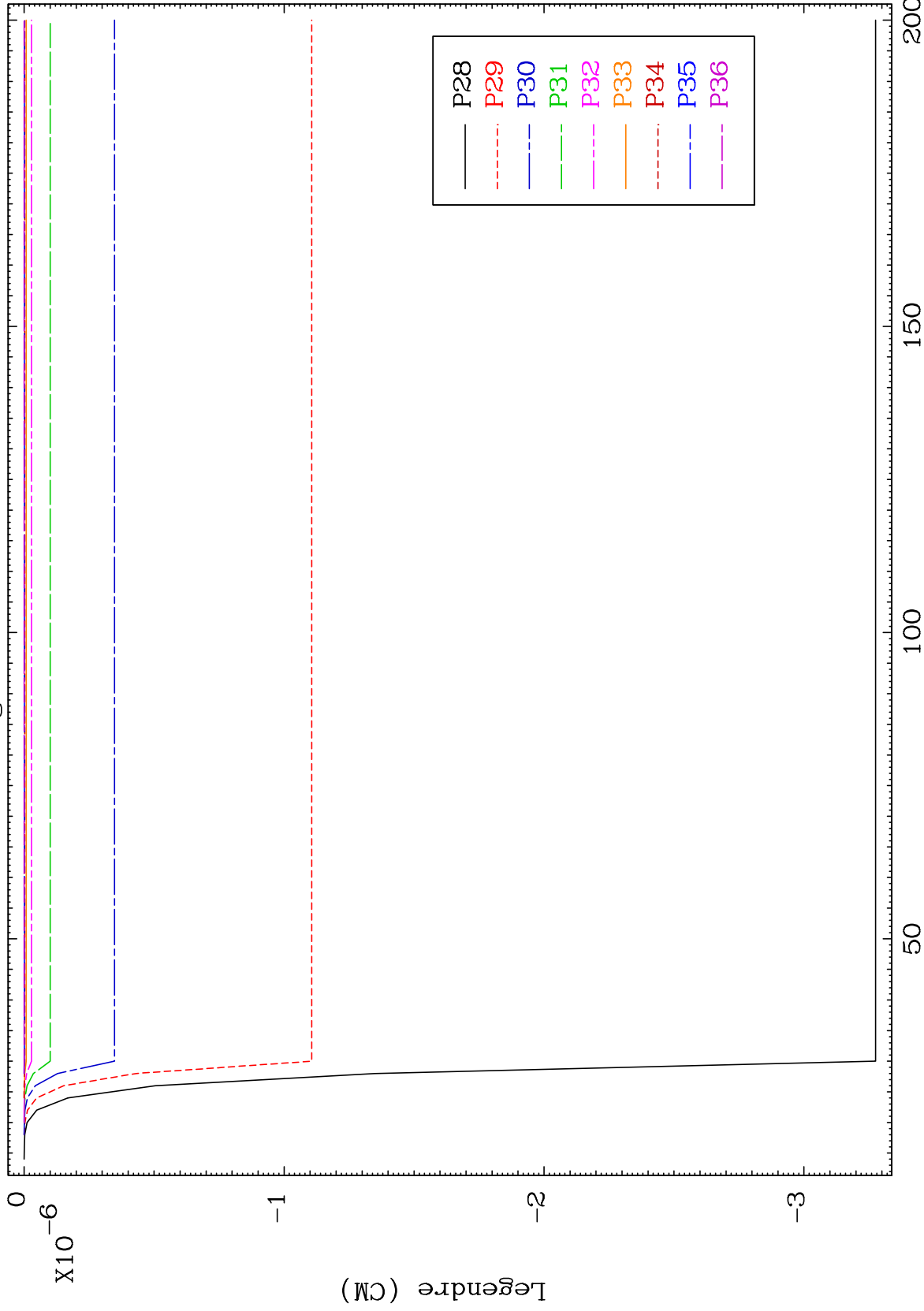
Incident Energy (MeV)

79

MAT 4852

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

48-Cd-115



48-Cd-115

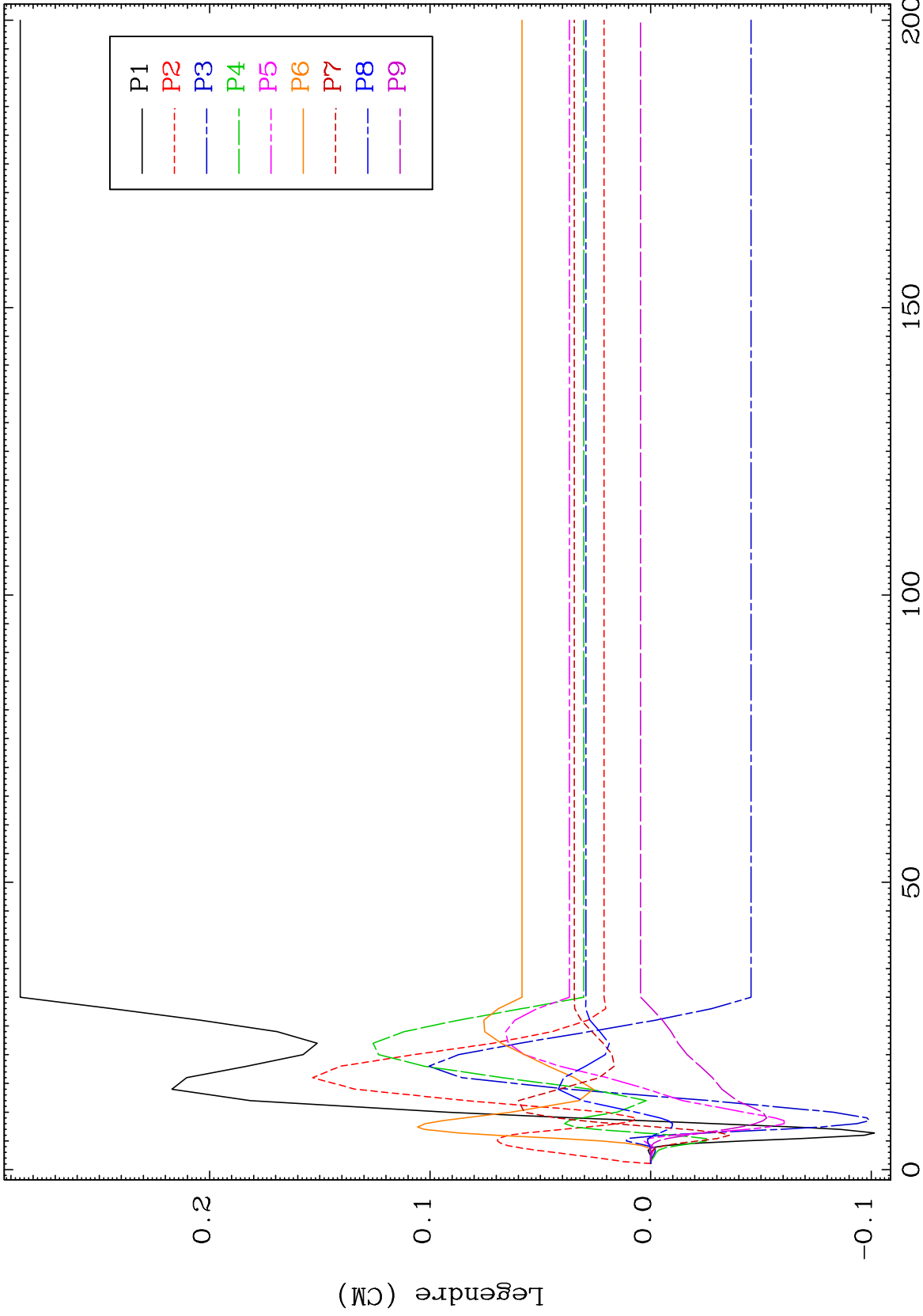
Incident Energy (MeV)

80

MAT 4852

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

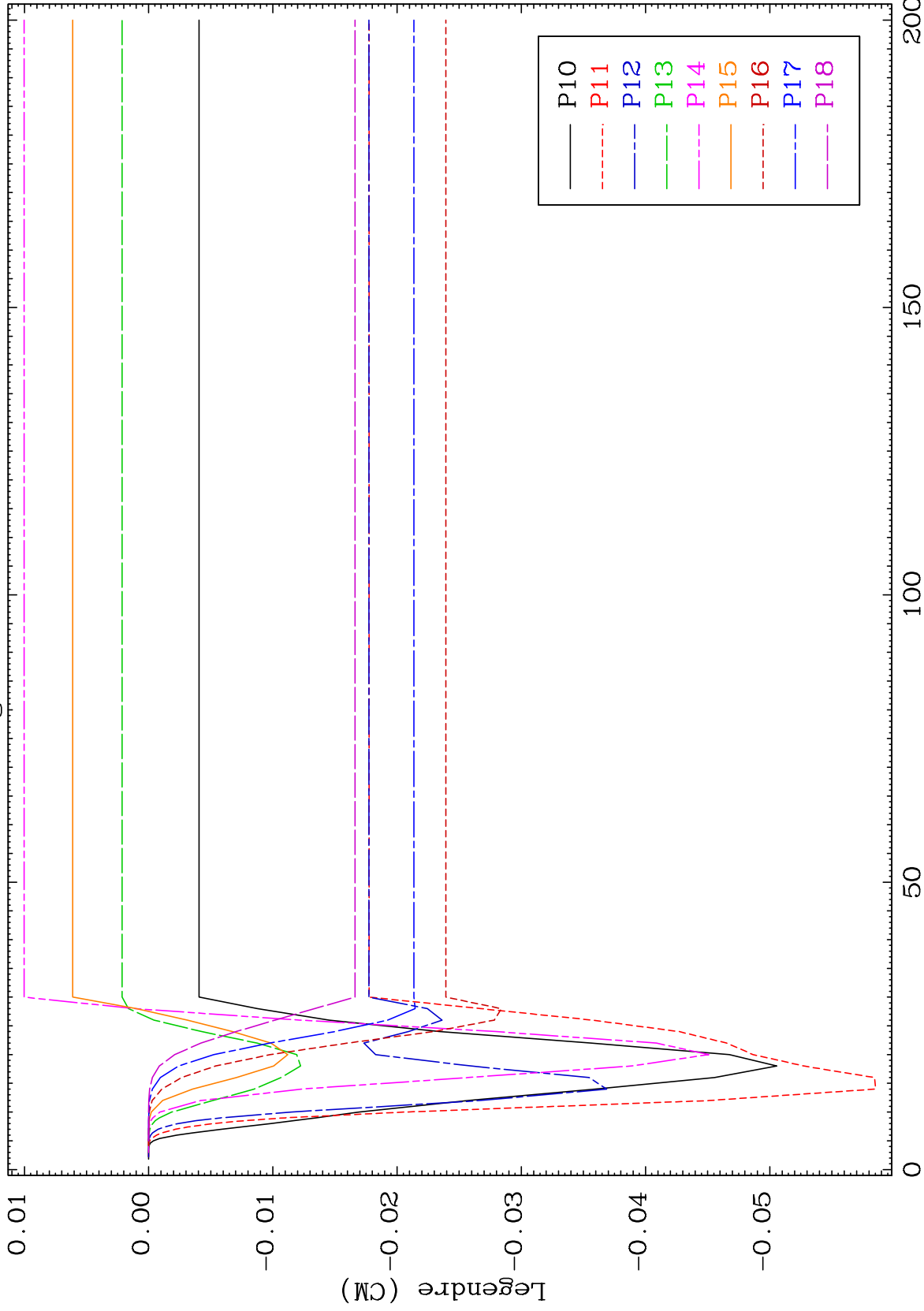
48-Cd-115



MAT 4852

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

48-Cd-115



82

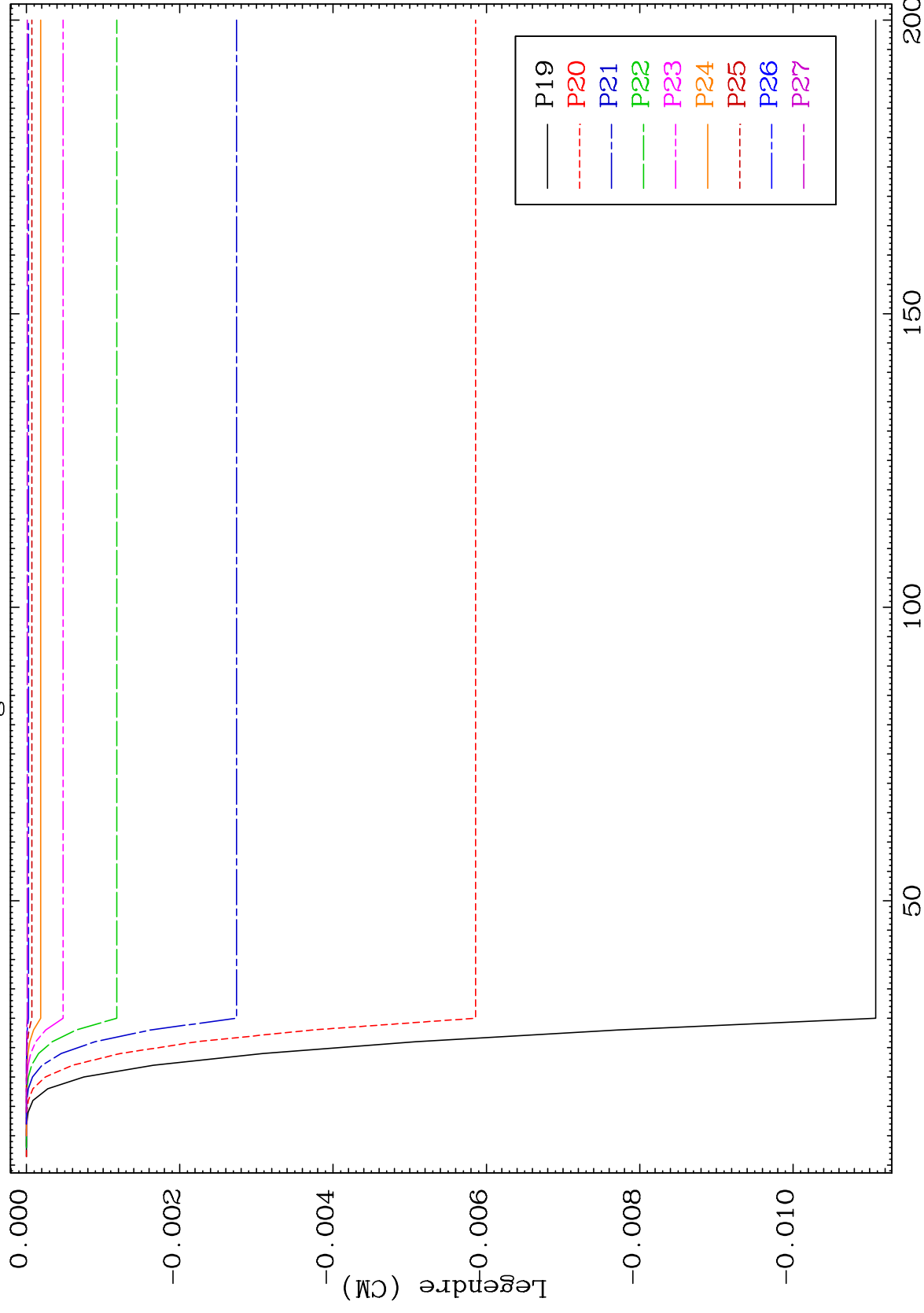
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



83

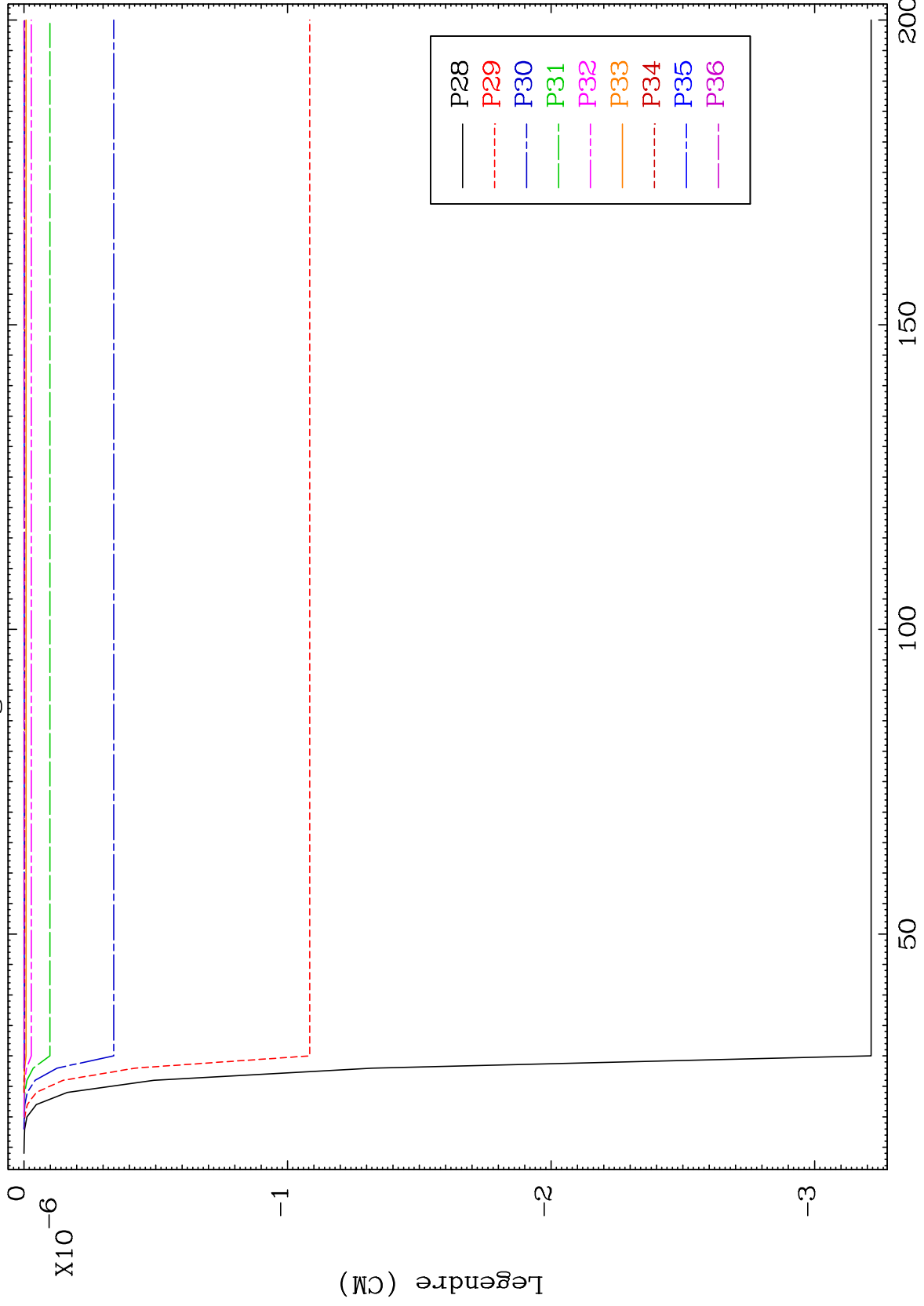
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



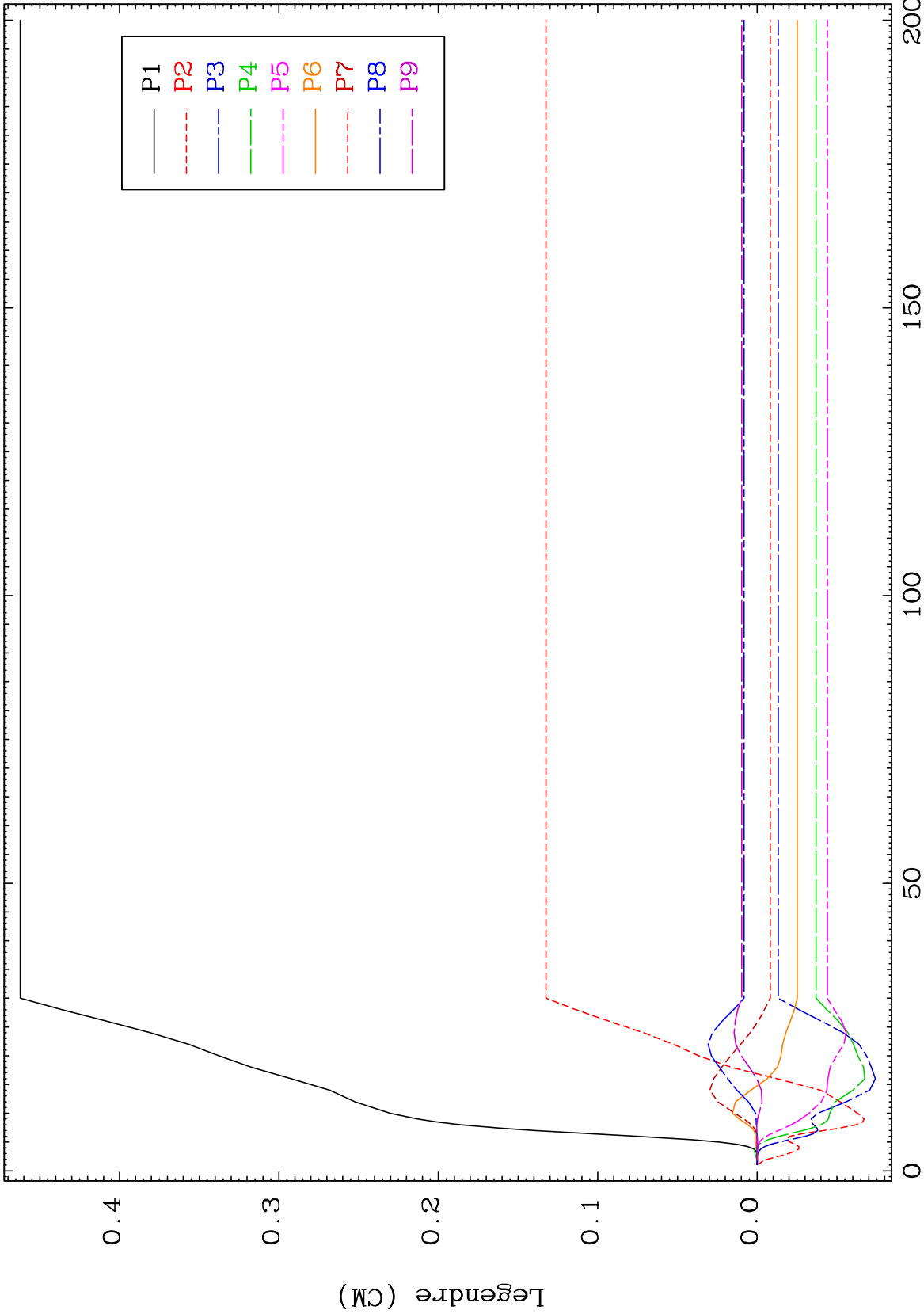
84

48-Cd-115

MAT 4852

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

48-Cd-115



85

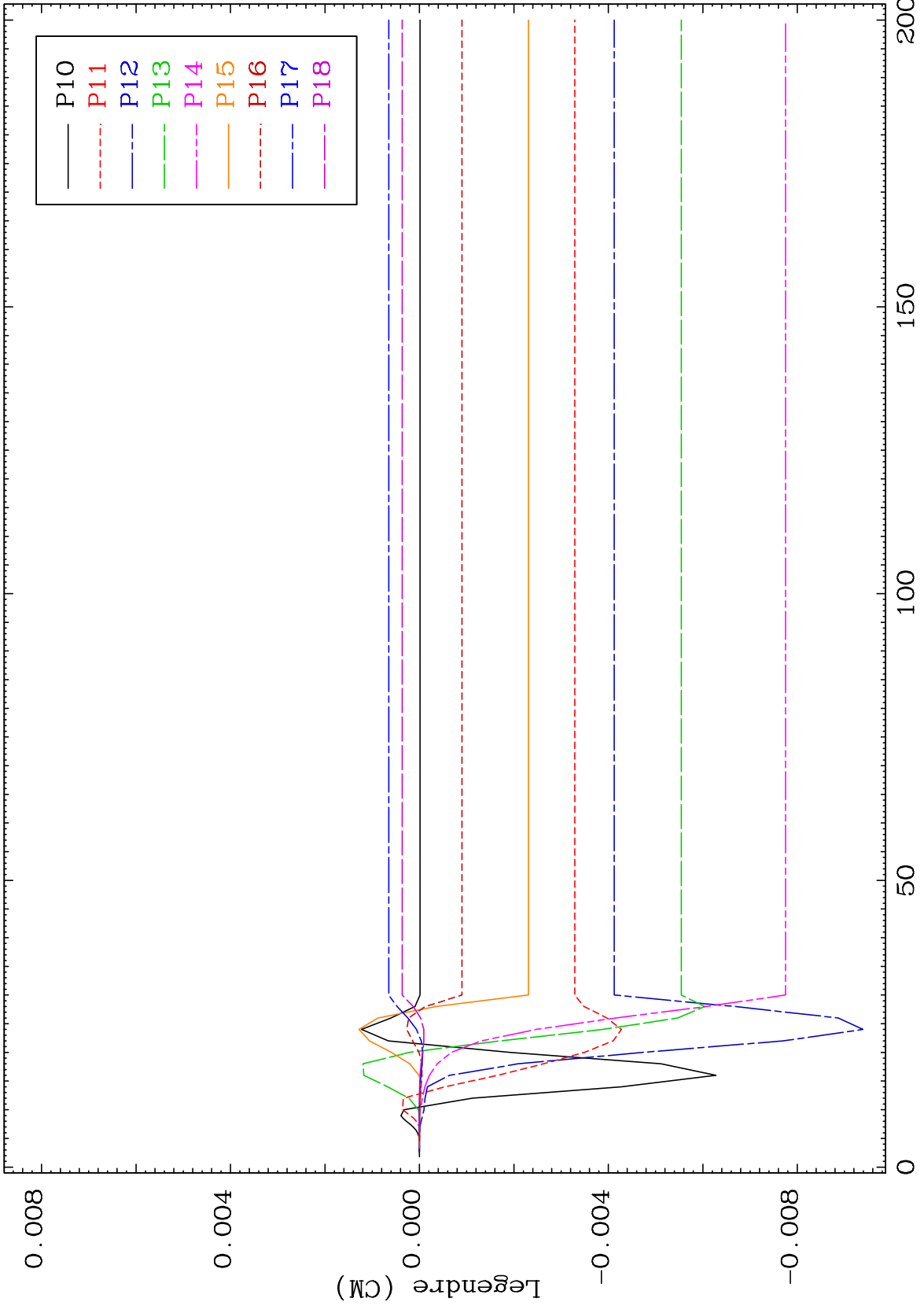
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



86

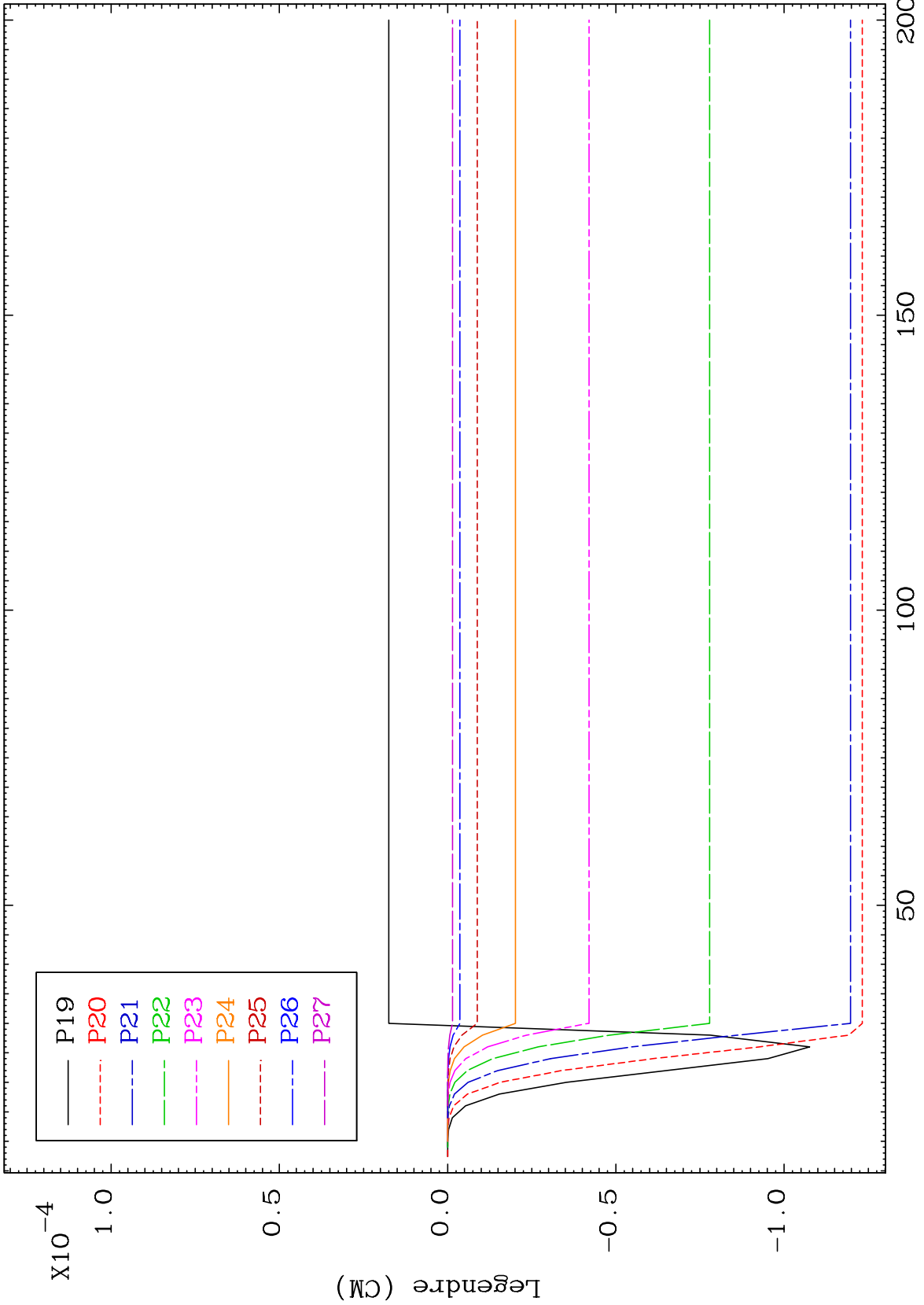
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



87

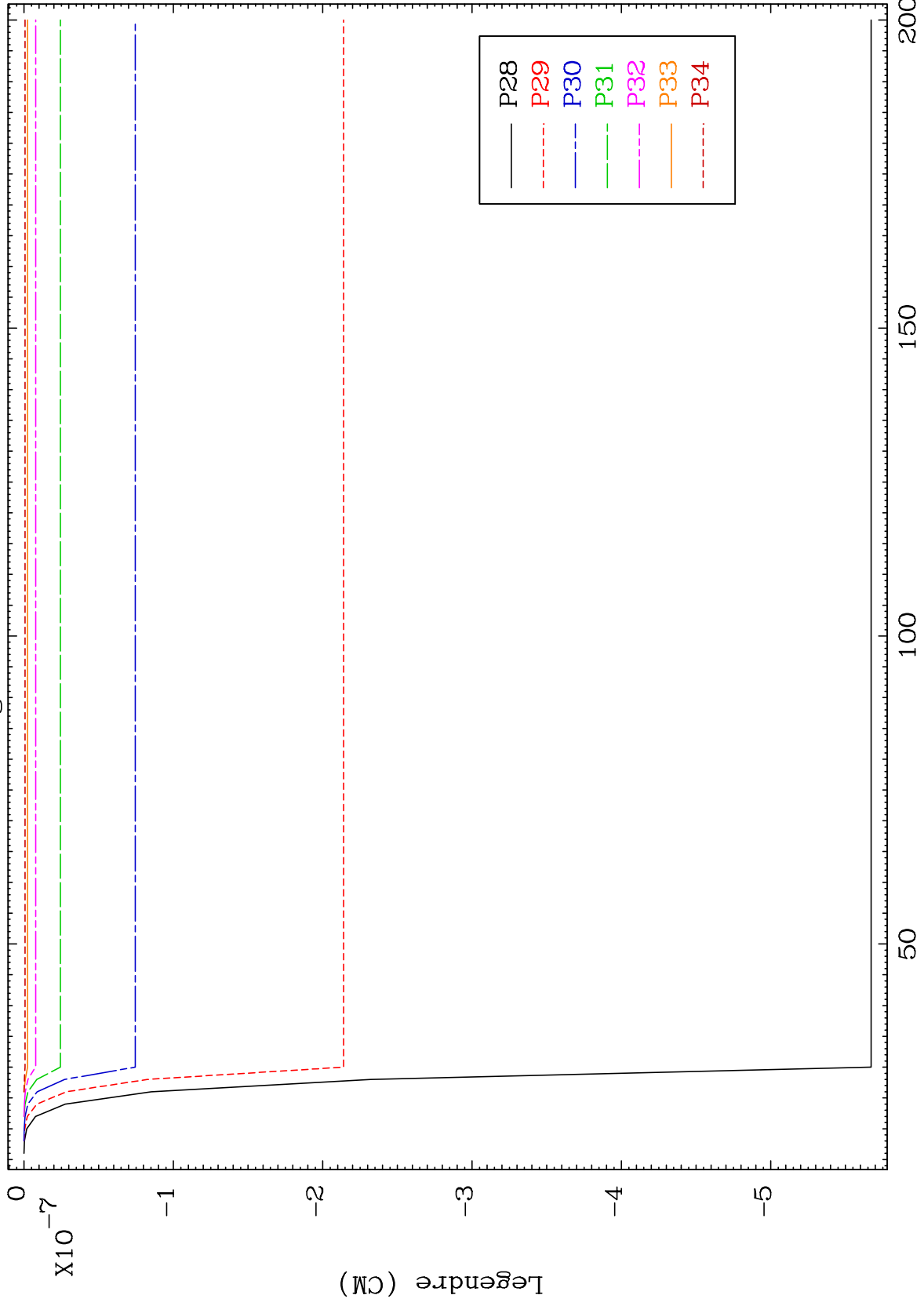
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



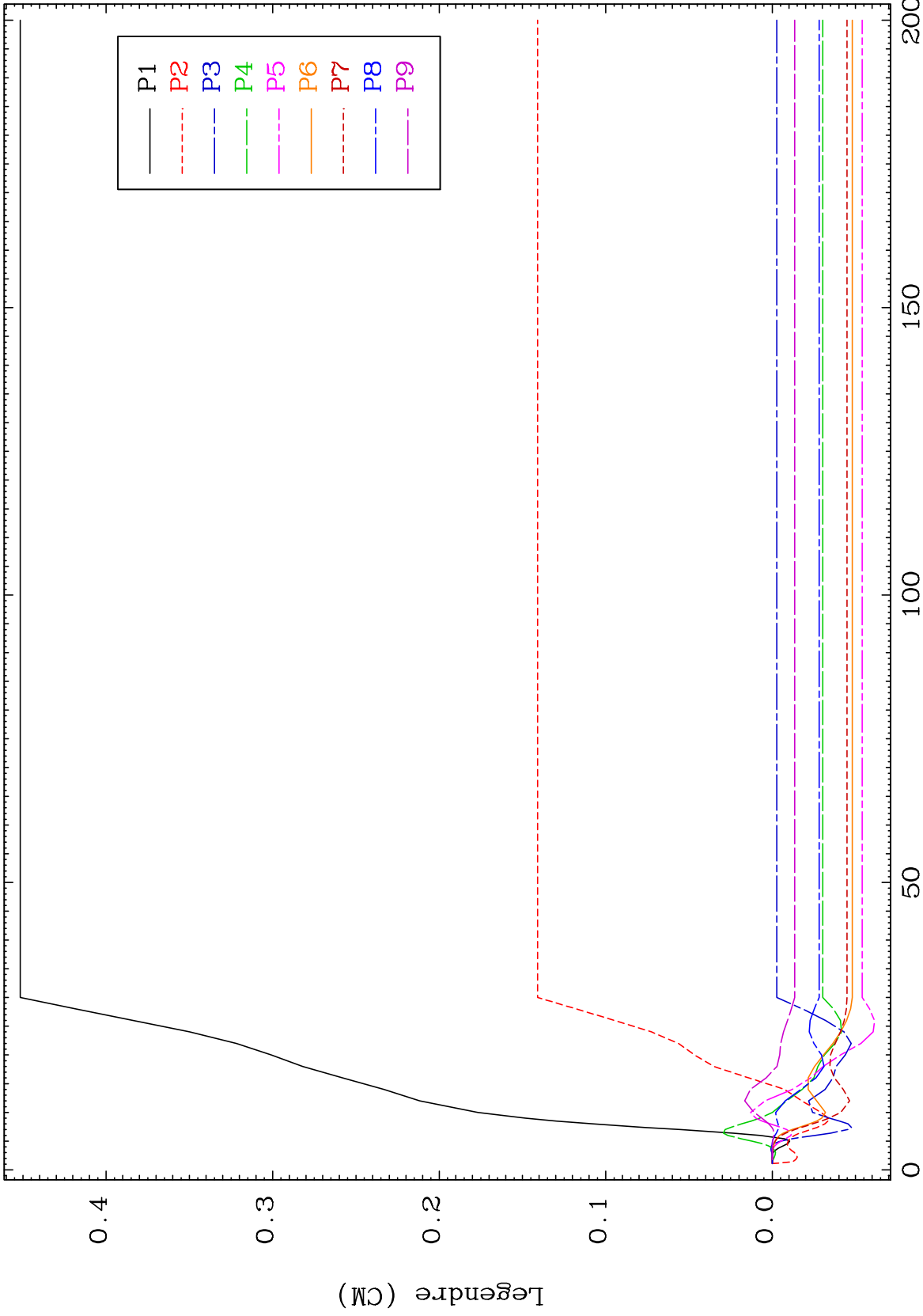
88

48-Cd-115

MAT 4852

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

48-Cd-115



89

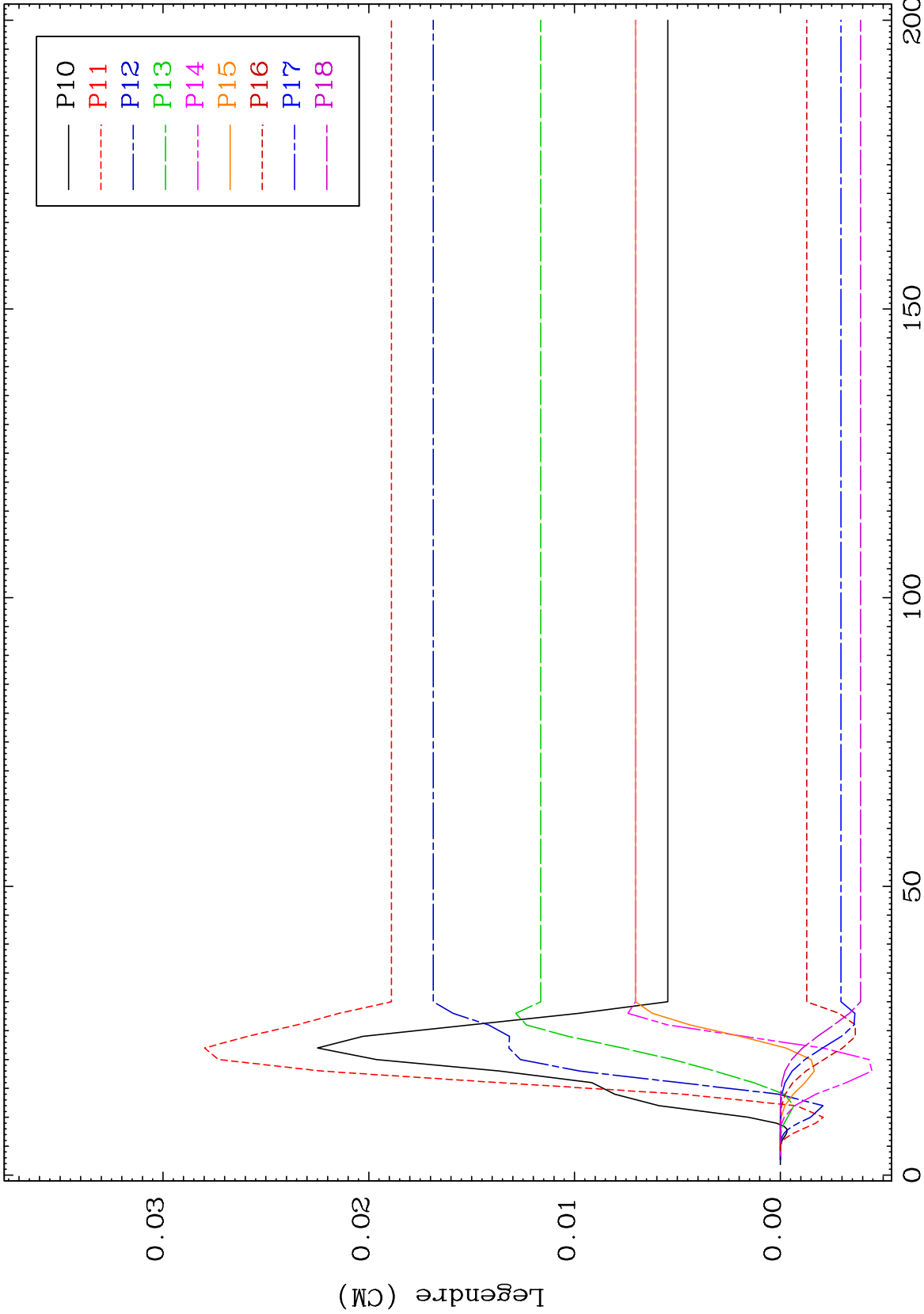
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



90

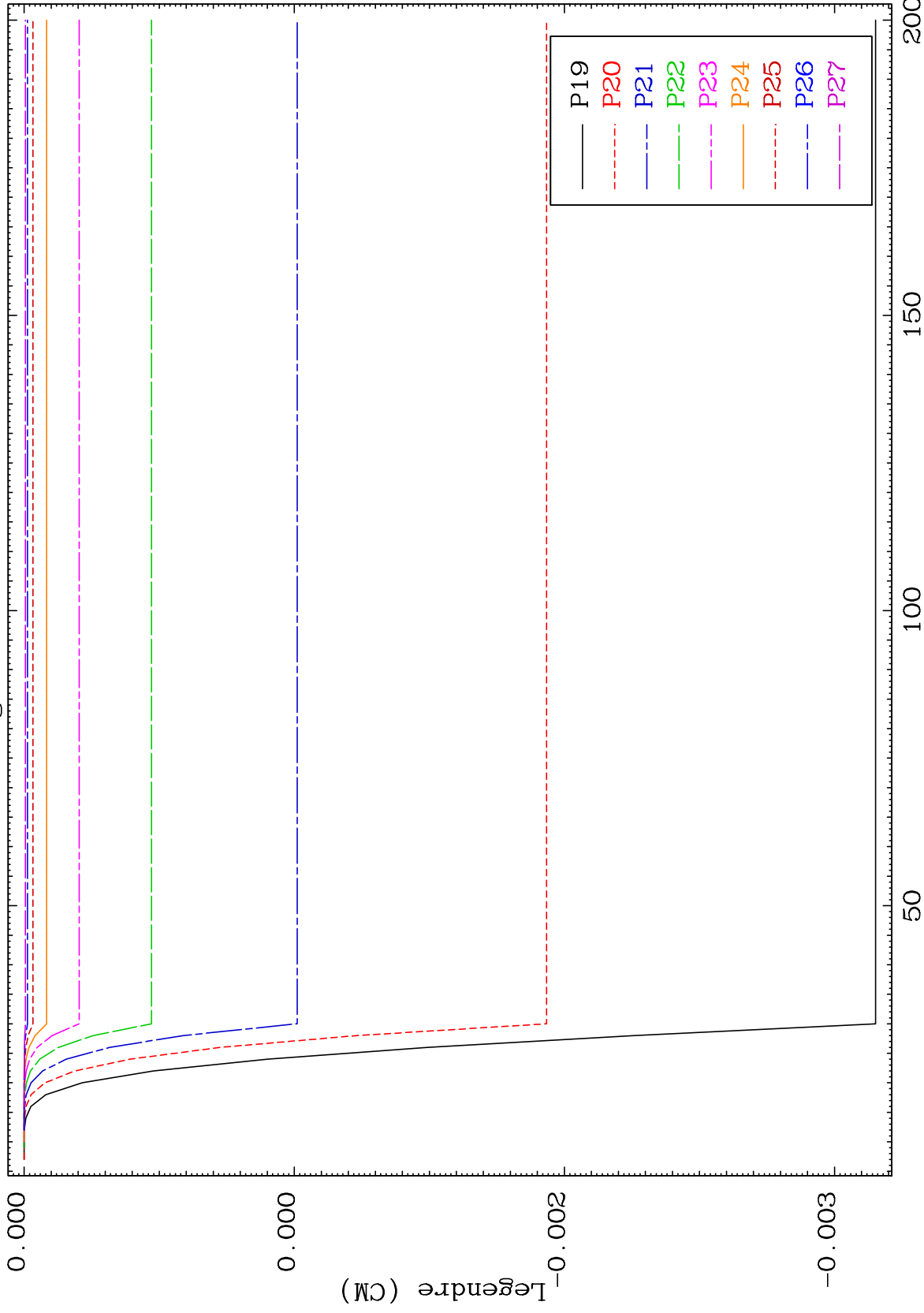
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



48-Cd-115

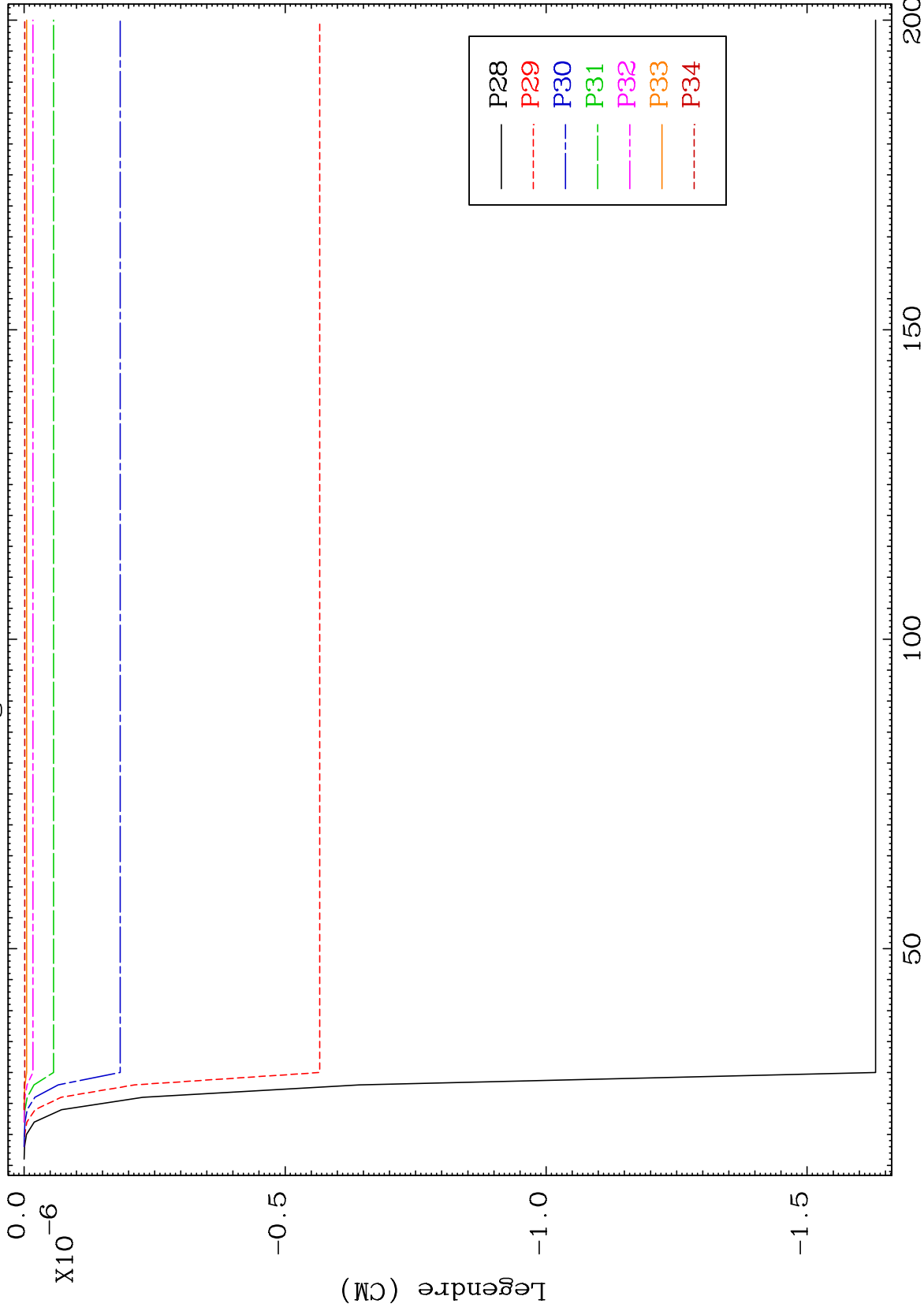
Incident Energy (MeV)

91

MAT 4852

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

48-Cd-115



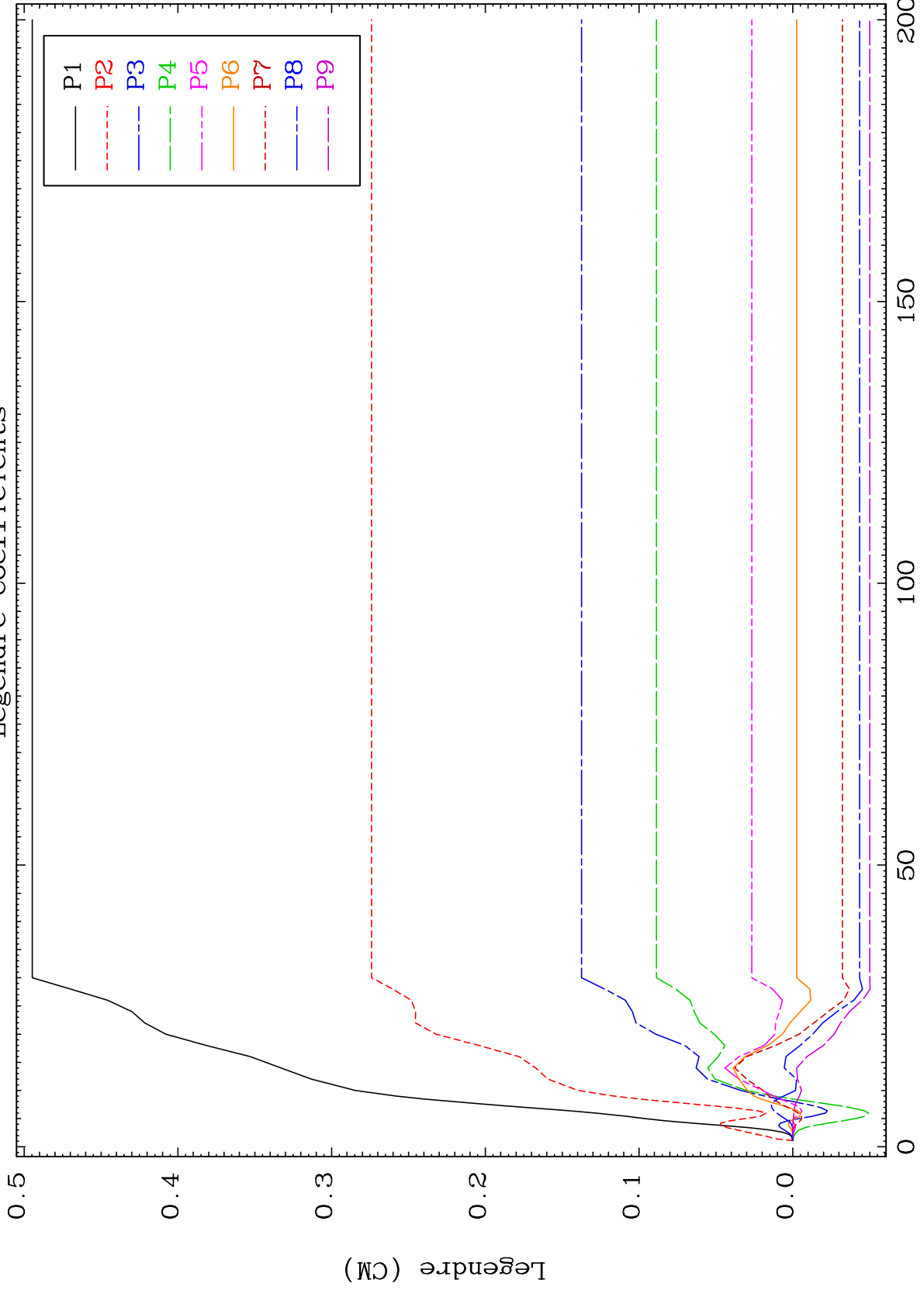
92

48-Cd-115

MAT 4852

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

48-Cd-115



93

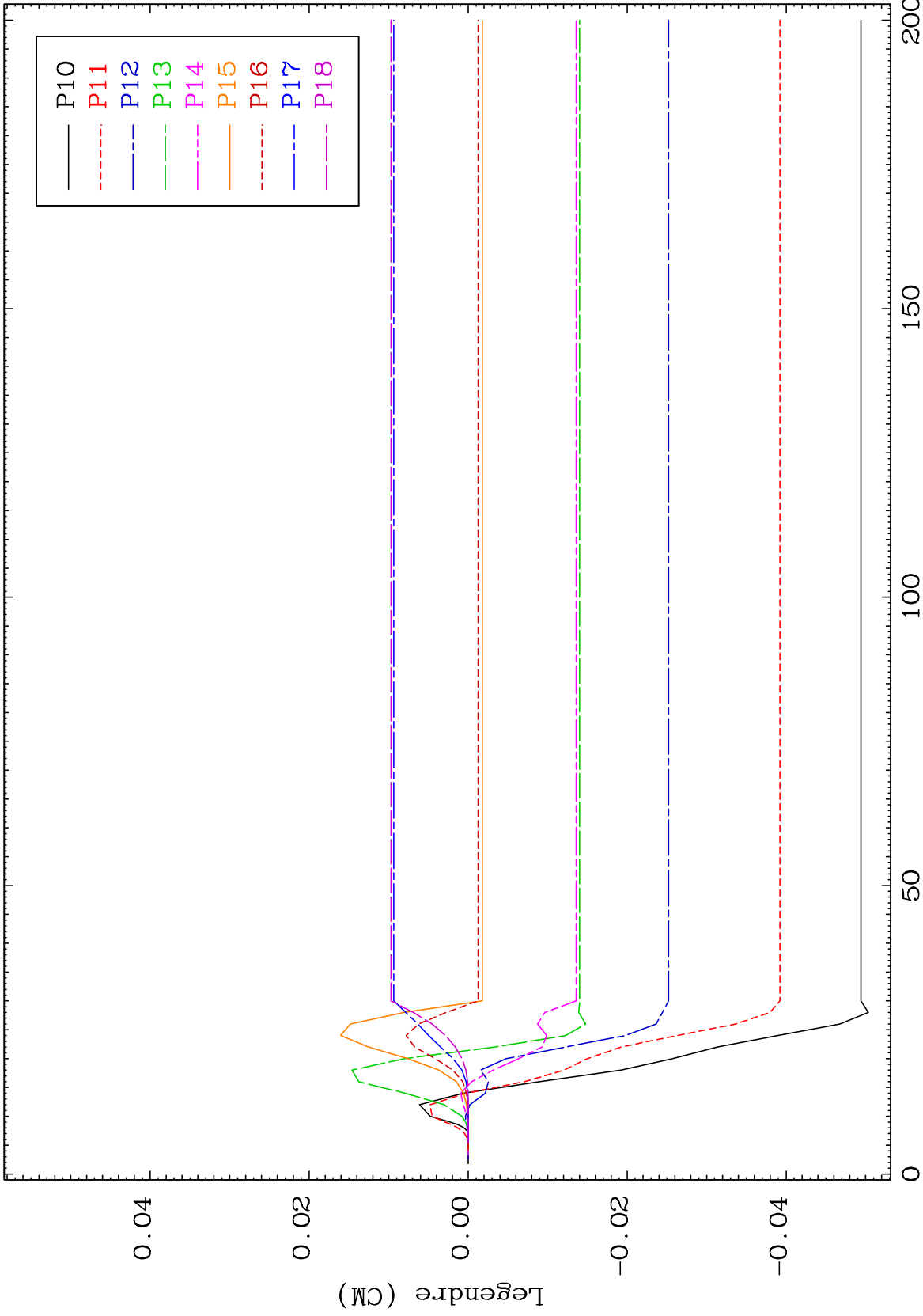
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



94

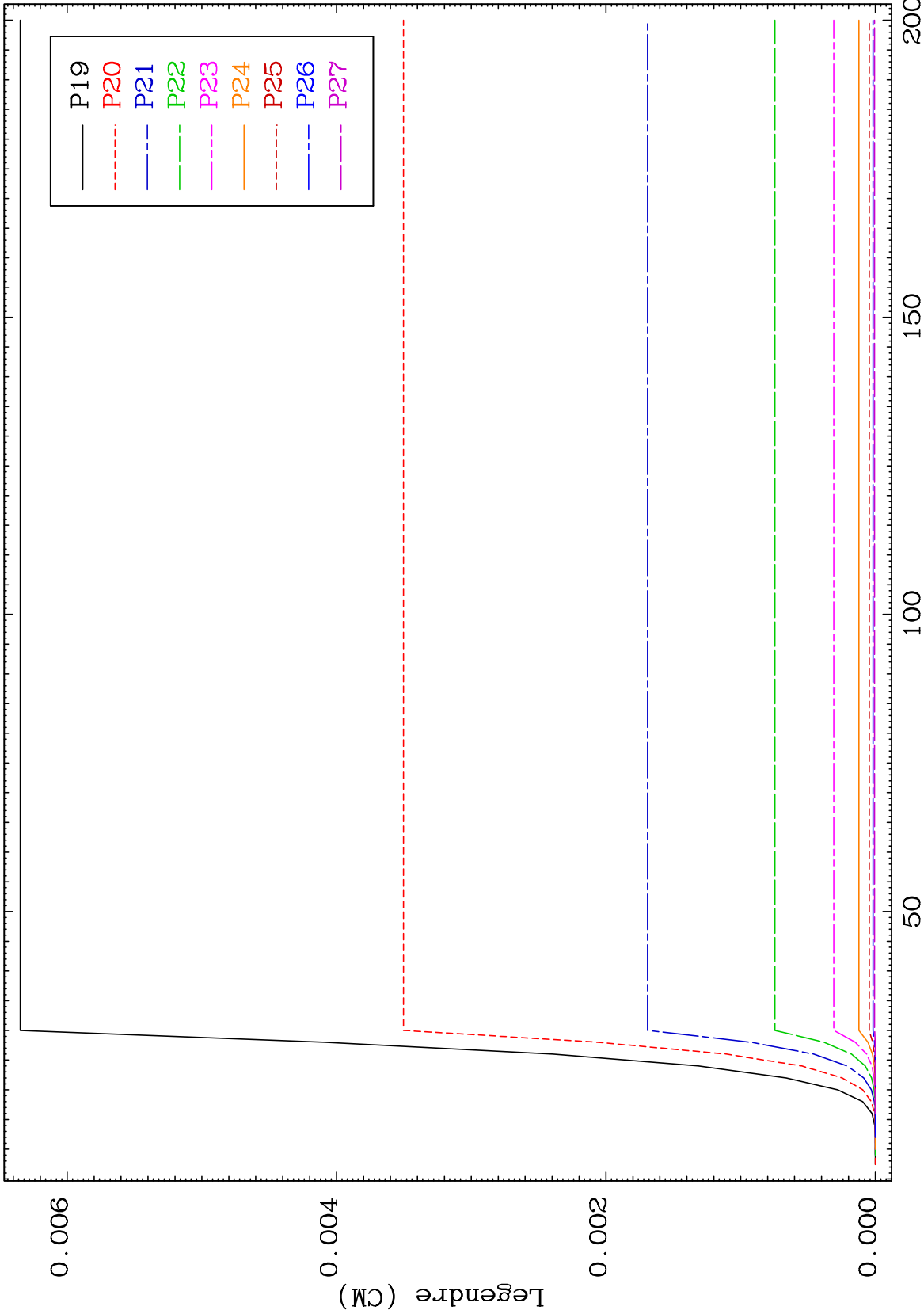
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



95

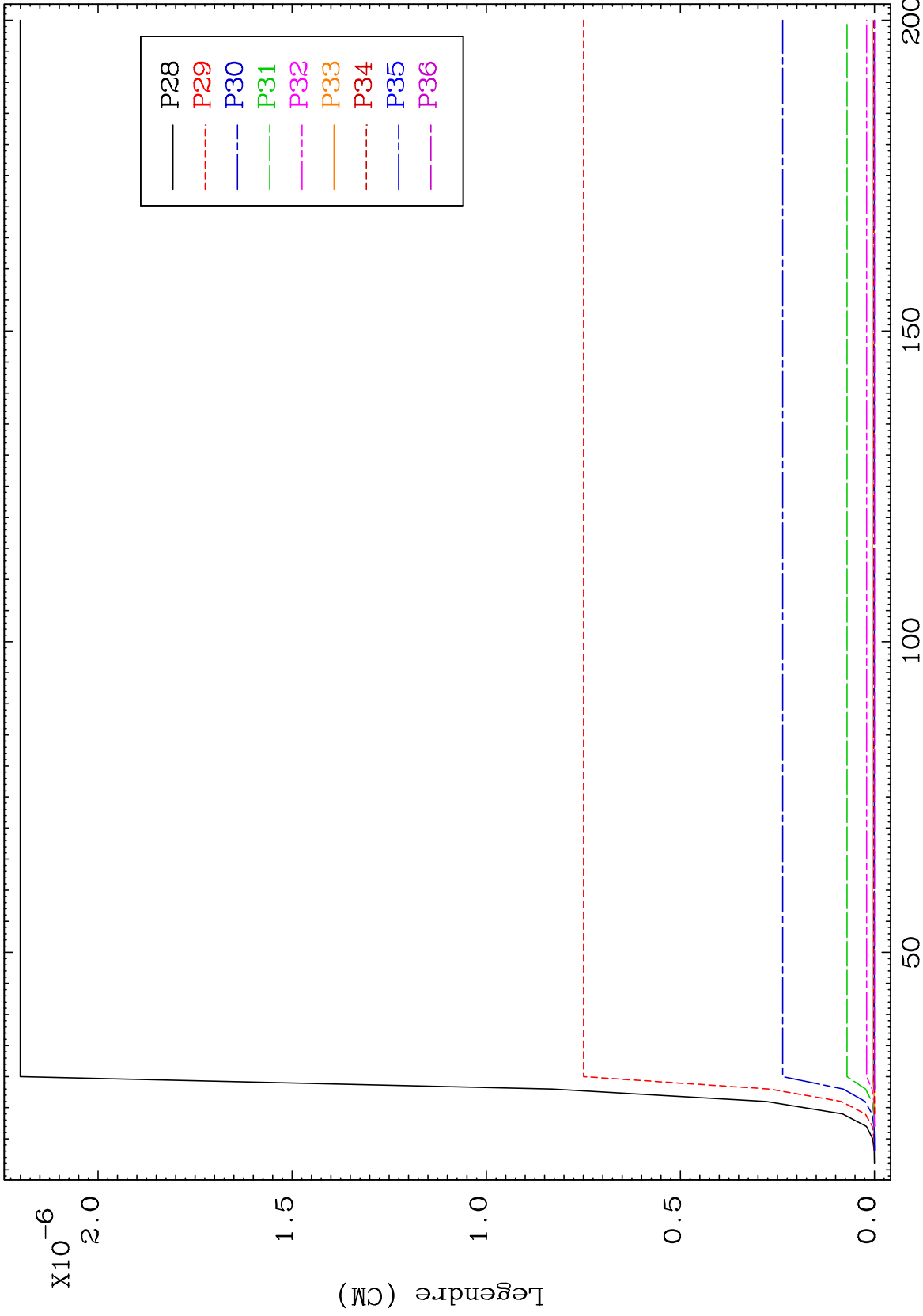
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



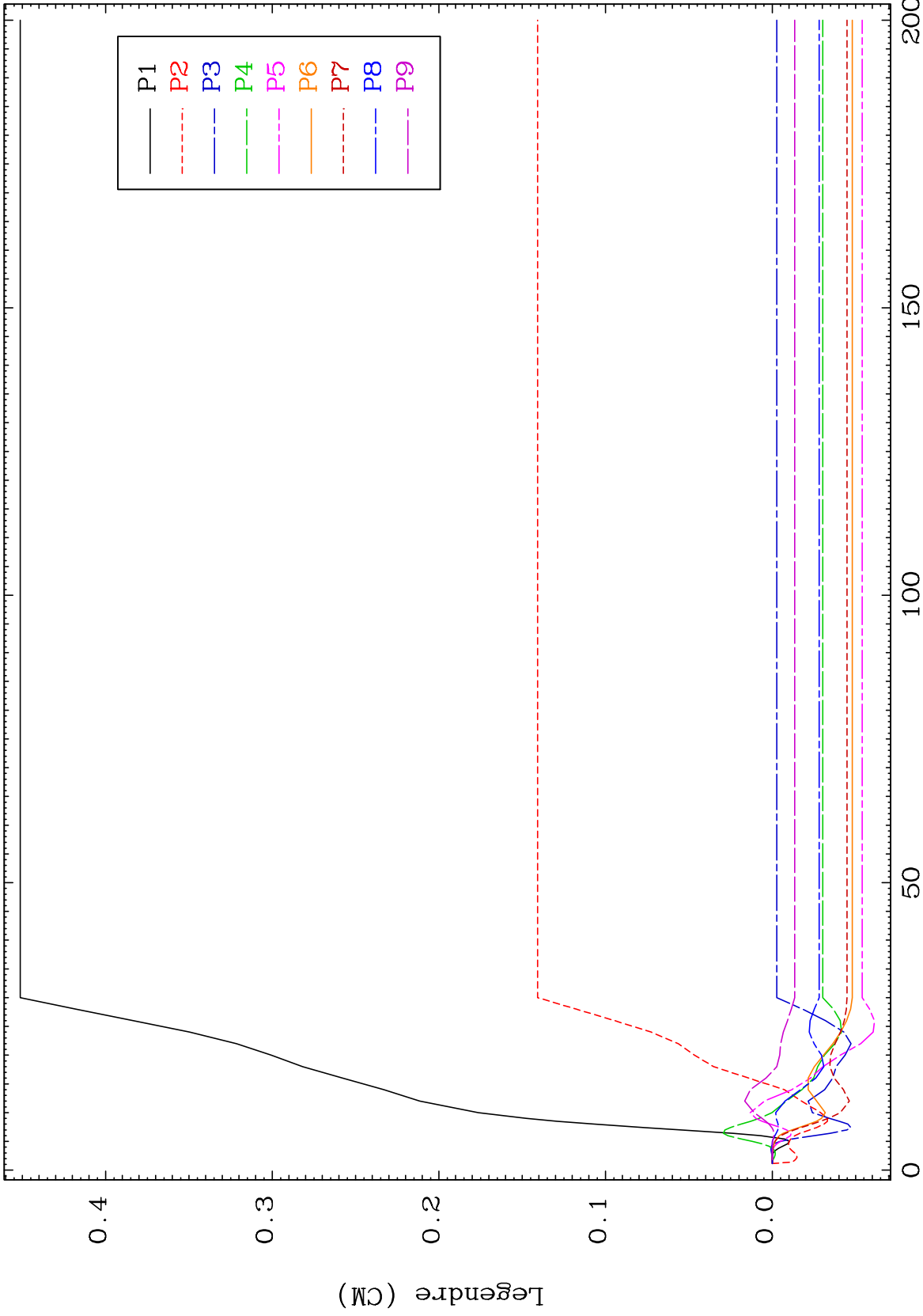
96

48-Cd-115

MAT 4852

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

48-Cd-115



97

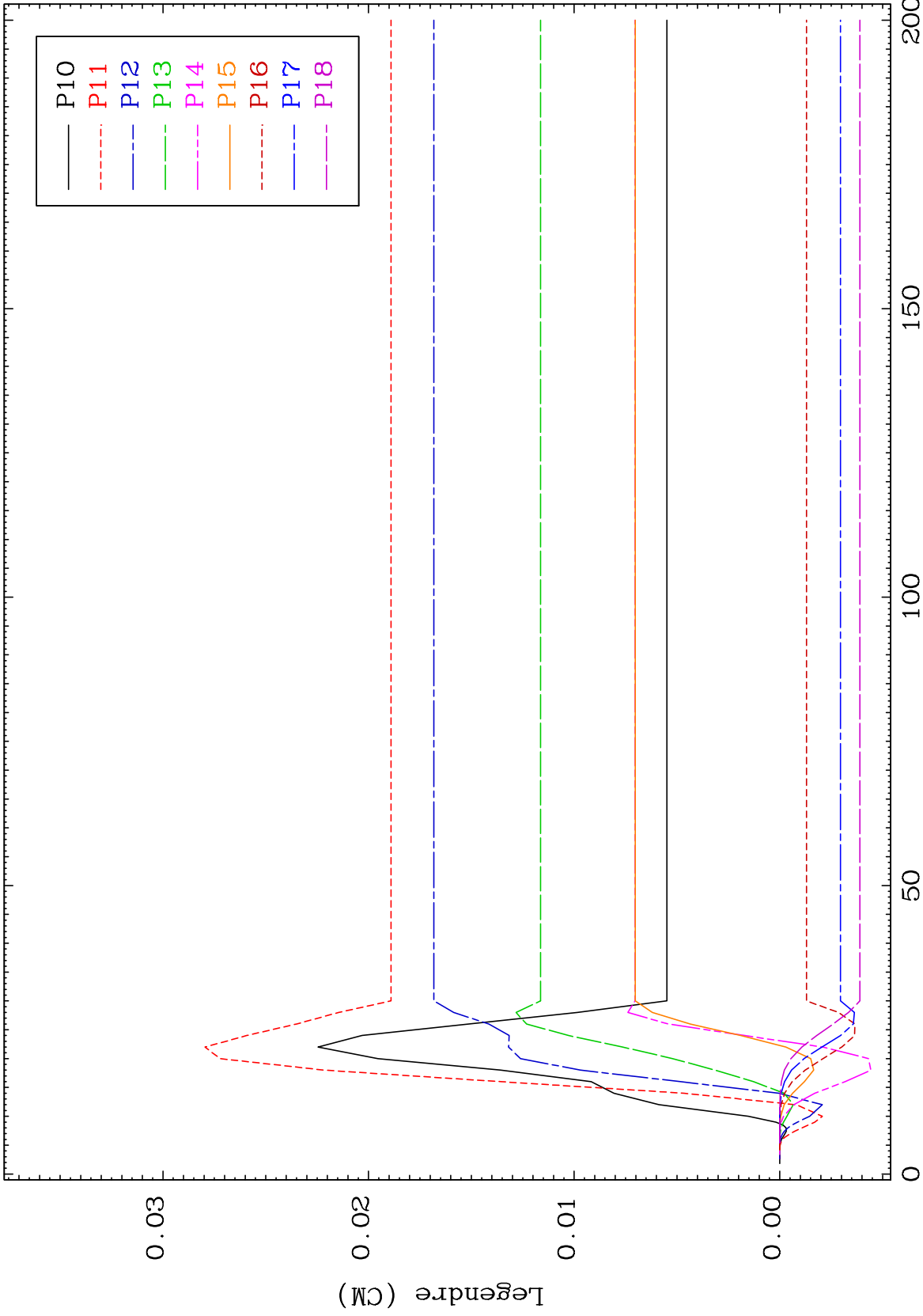
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



98

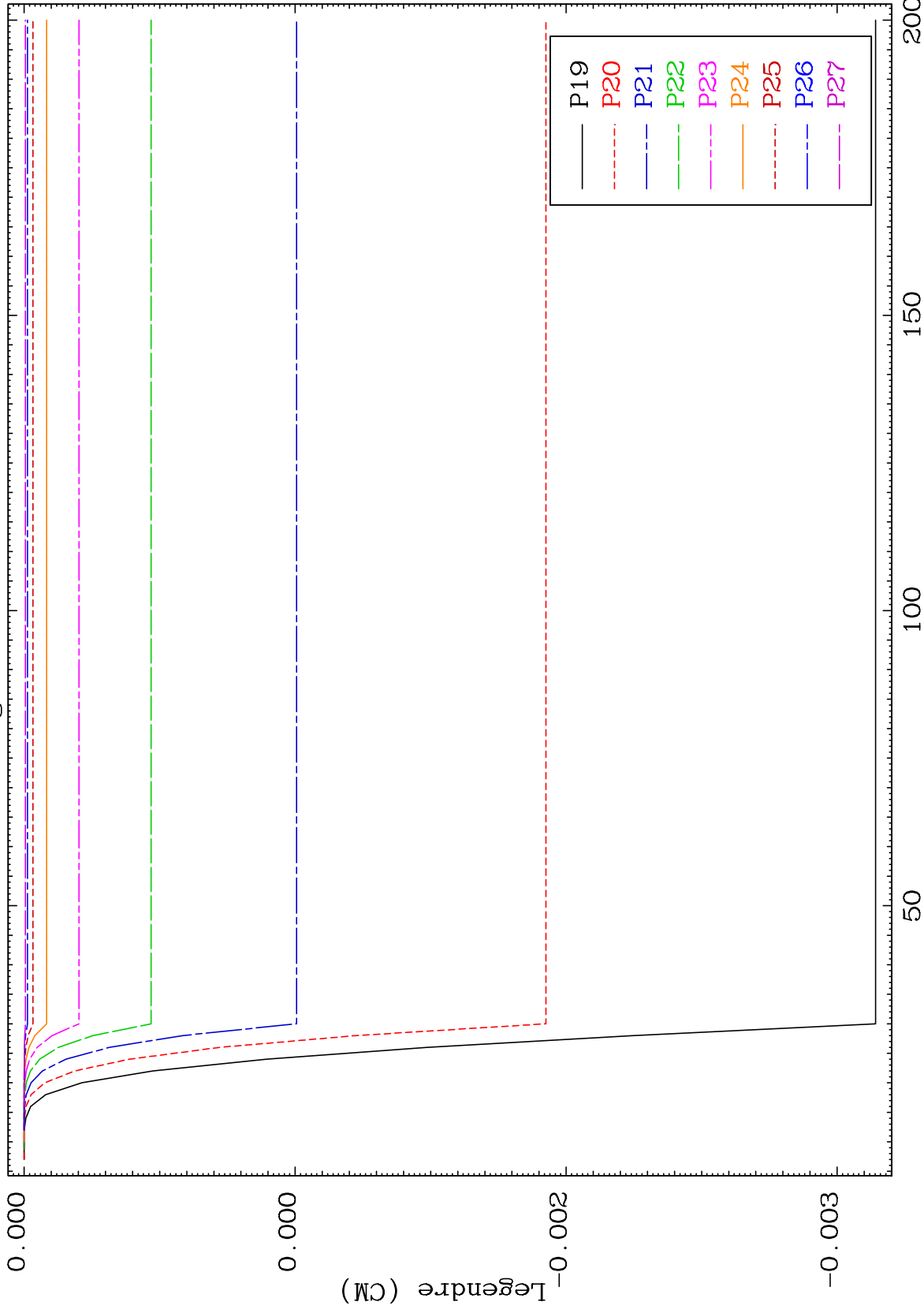
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



48-Cd-115

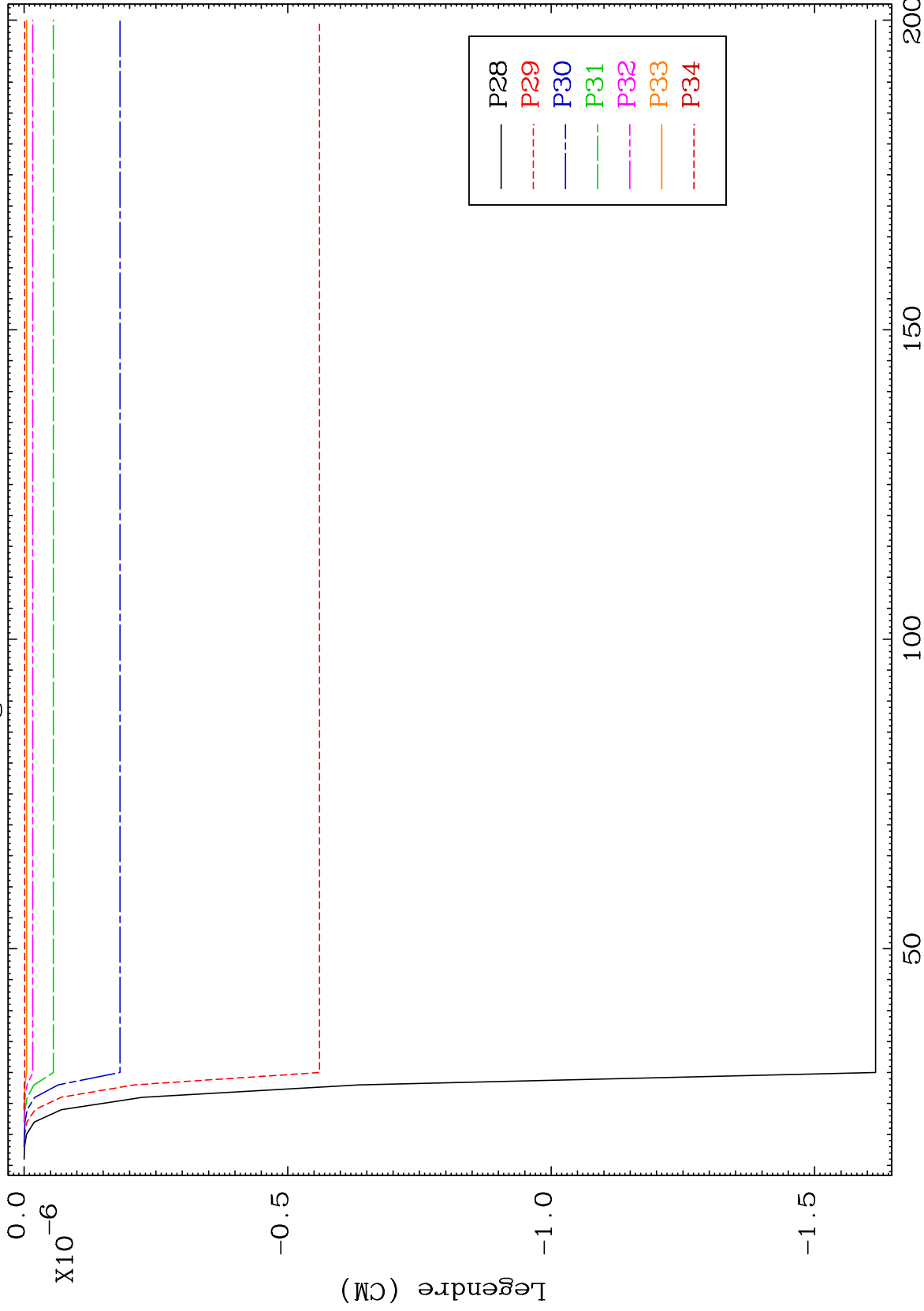
Incident Energy (MeV)

99

MAT 4852

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

48-Cd-115



100

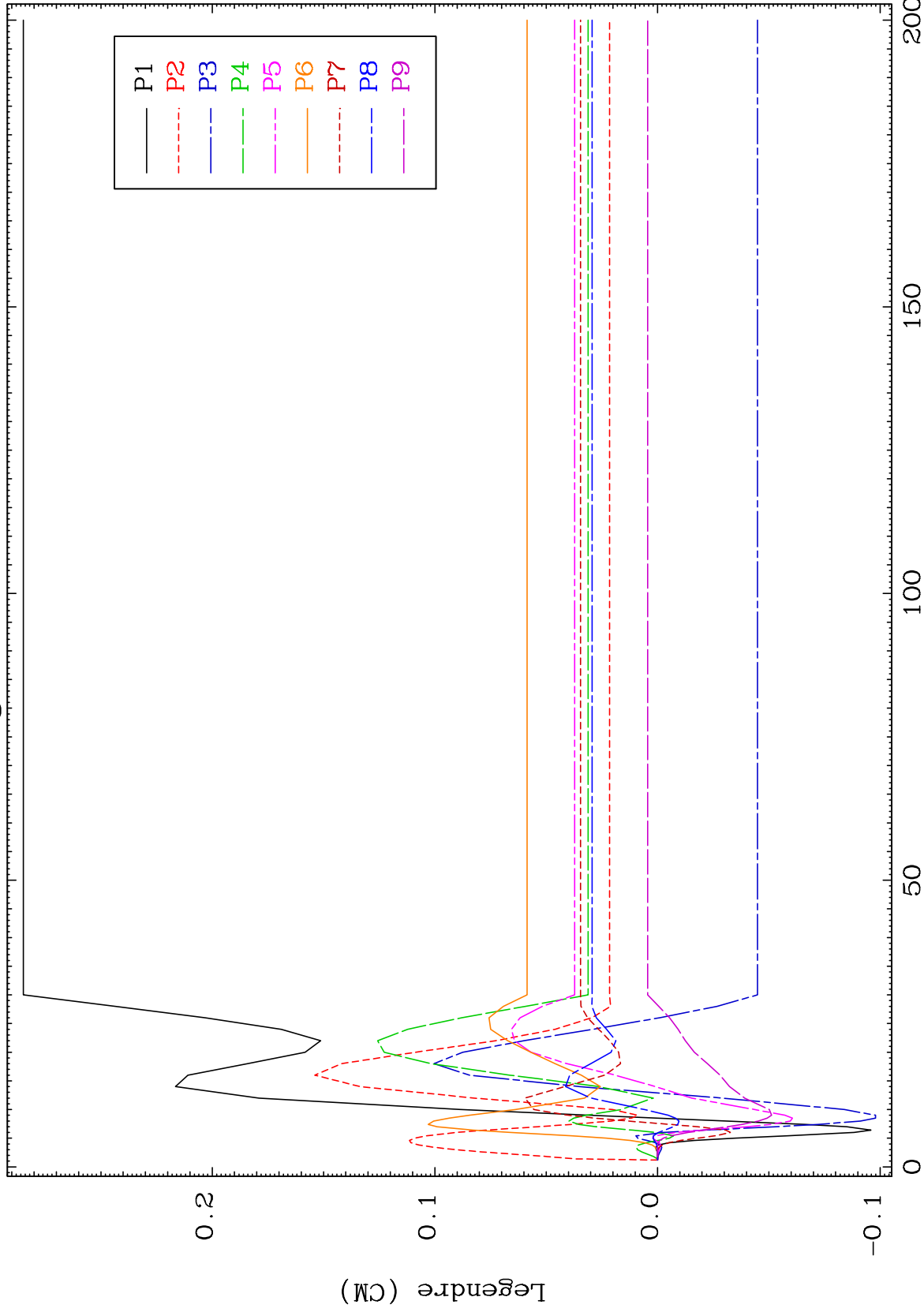
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



101

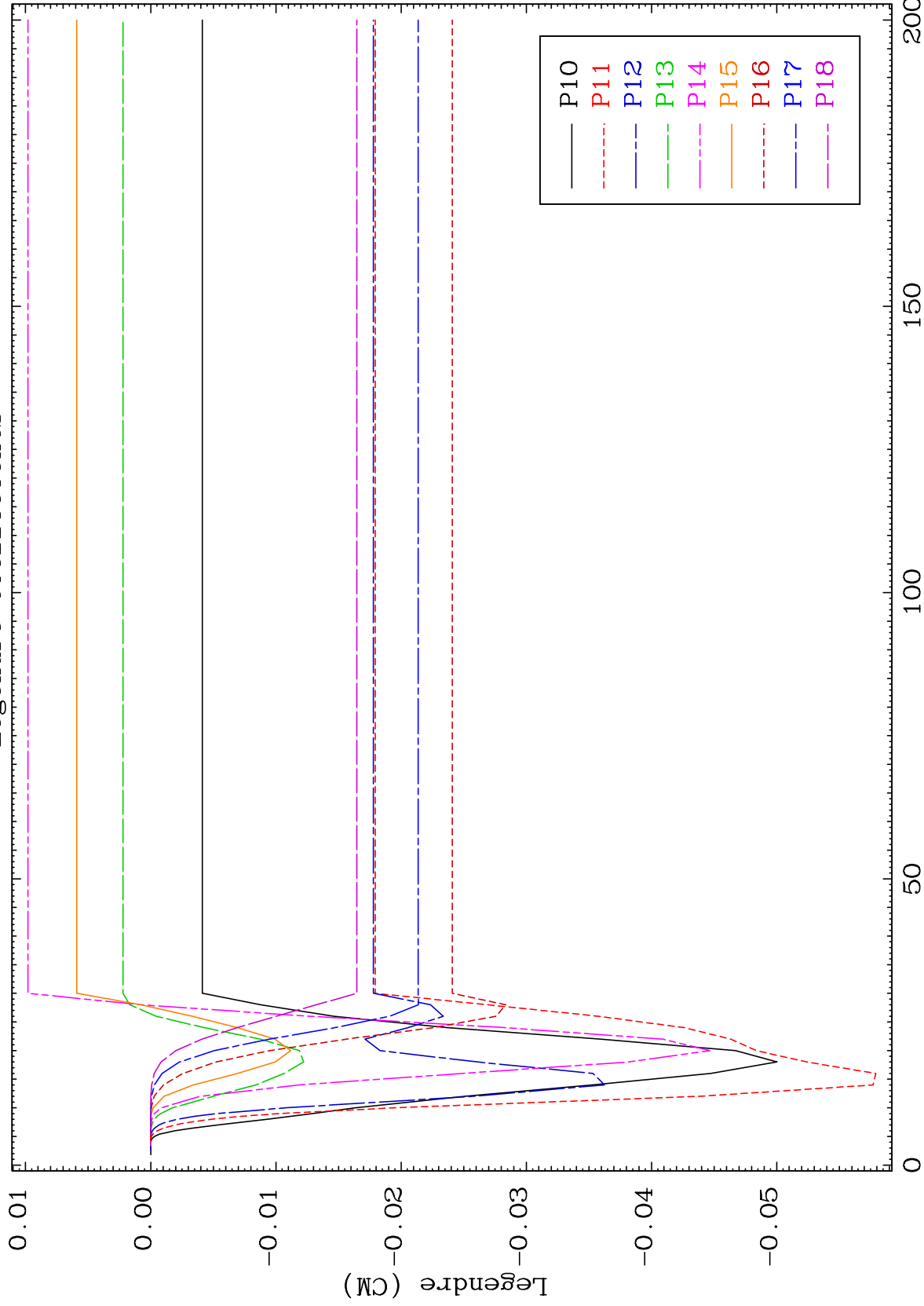
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



102

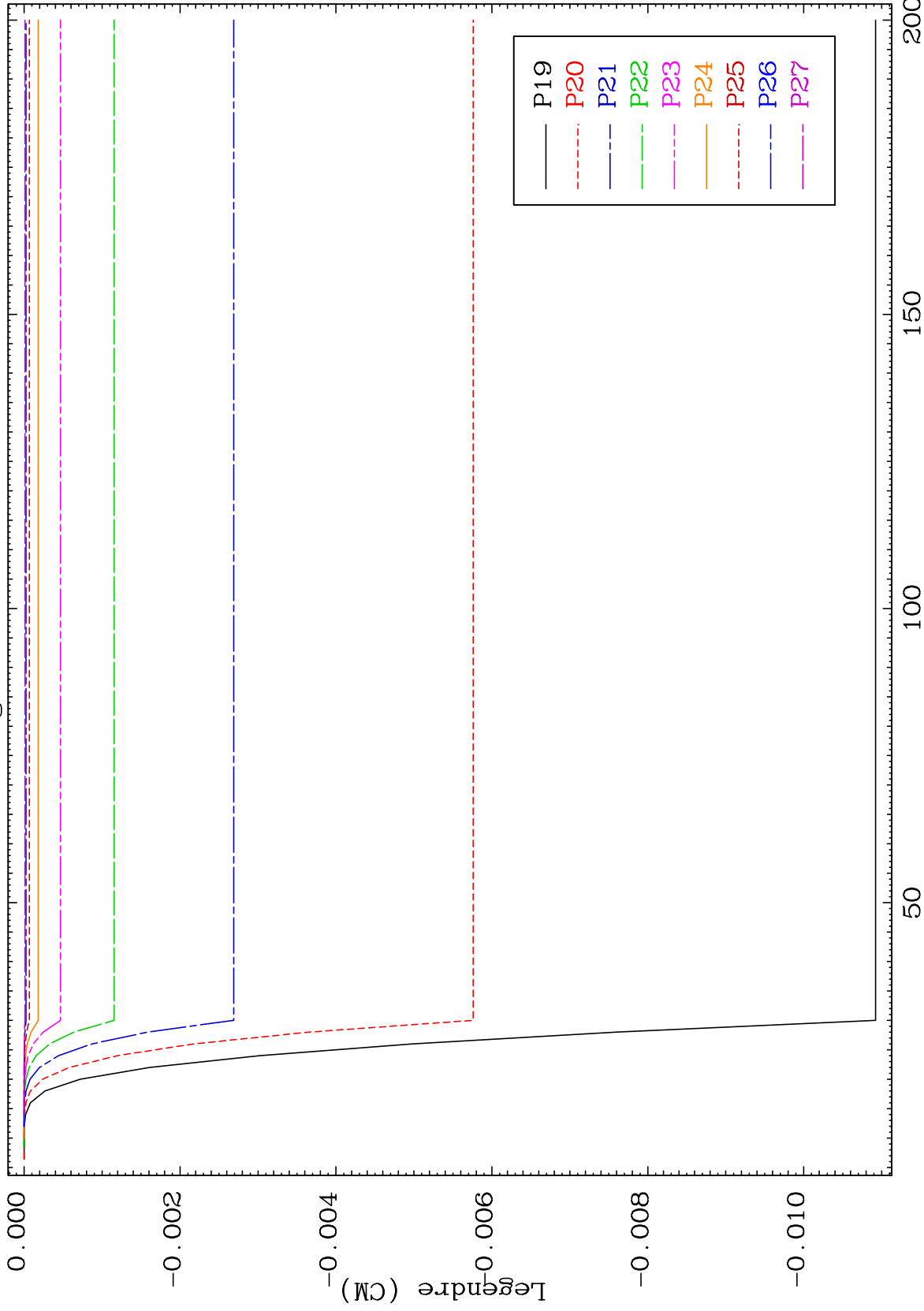
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



103

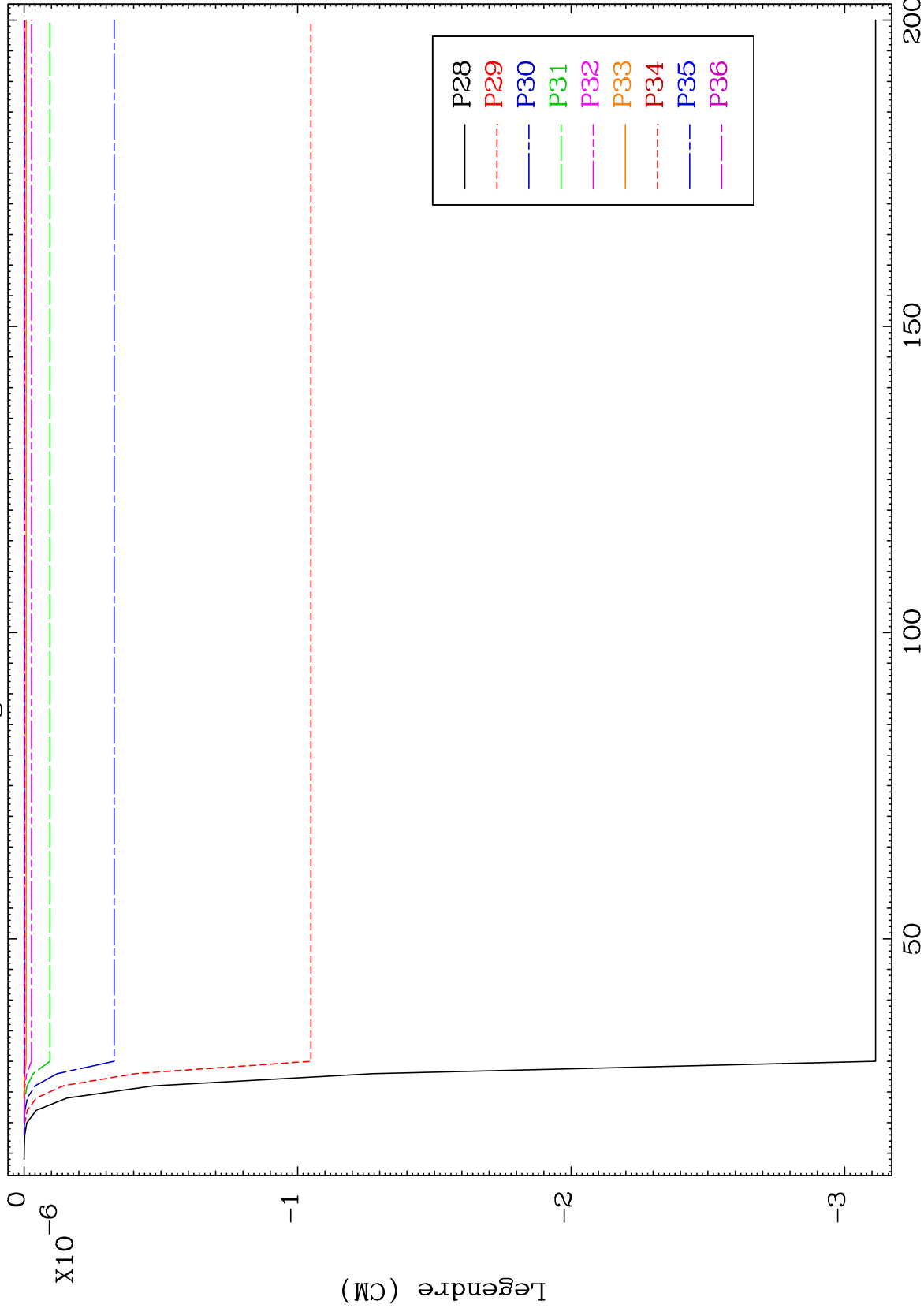
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



104

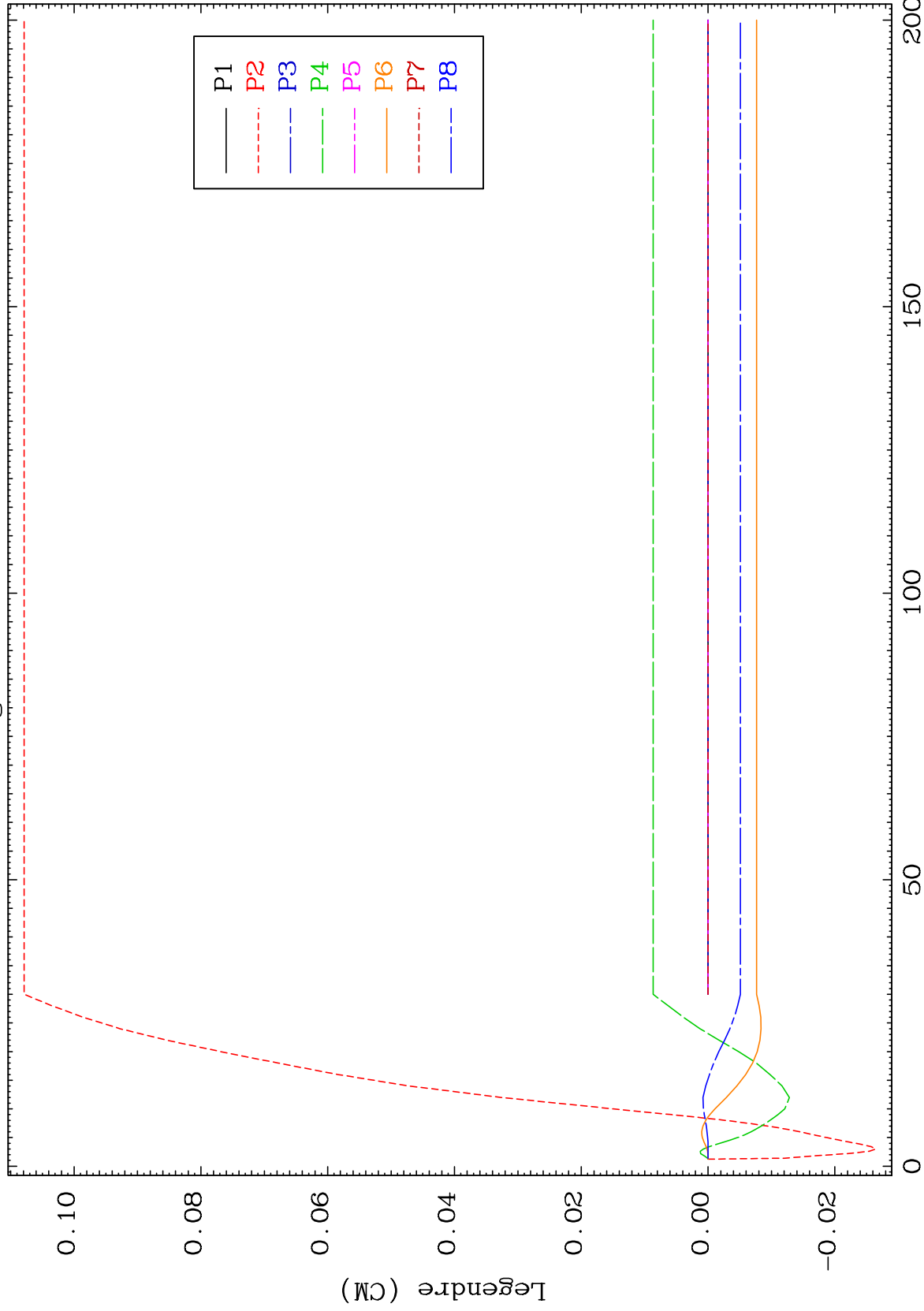
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



48-Cd-115

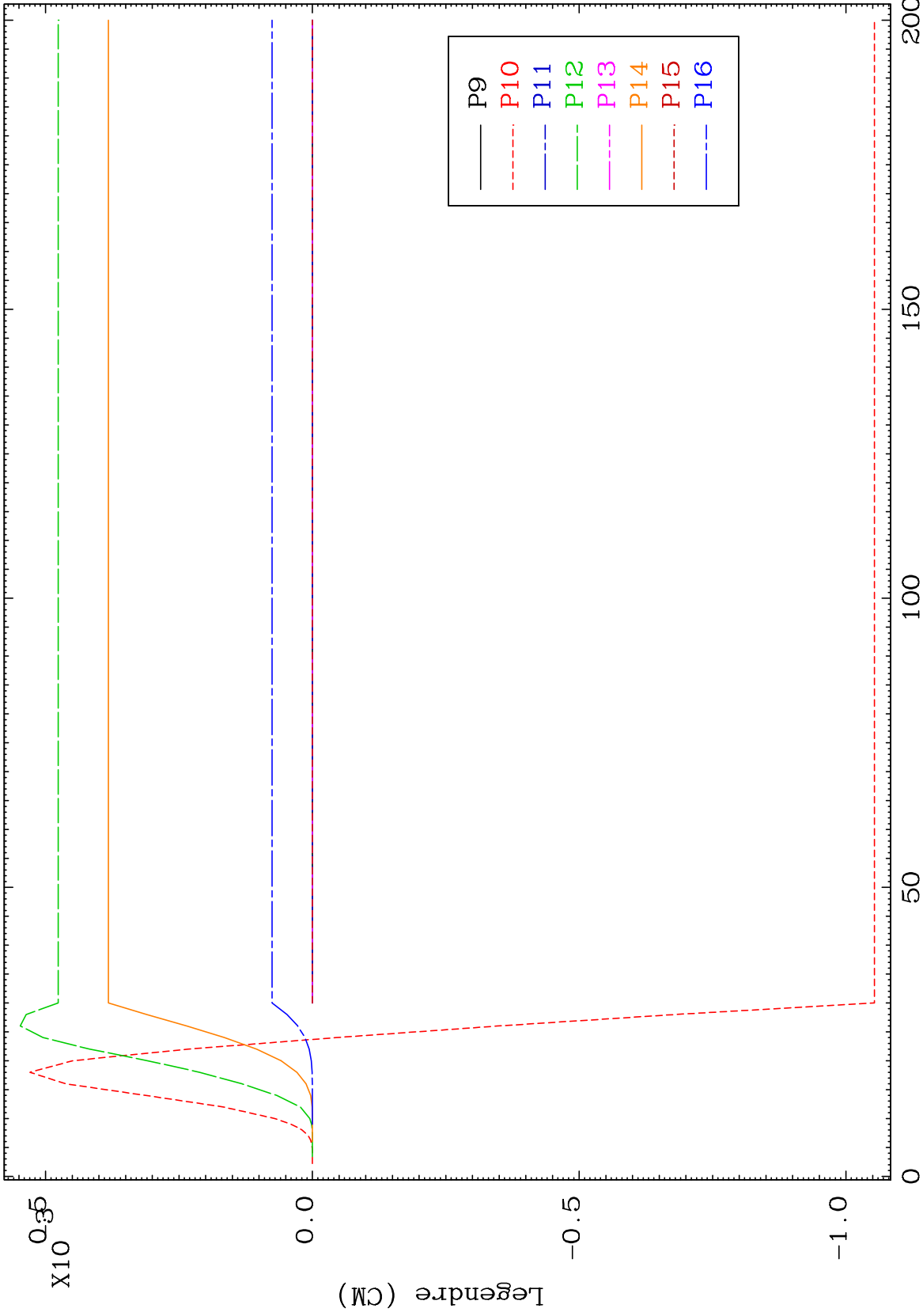
Incident Energy (MeV)

105

MAT 4852

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

48-Cd-115



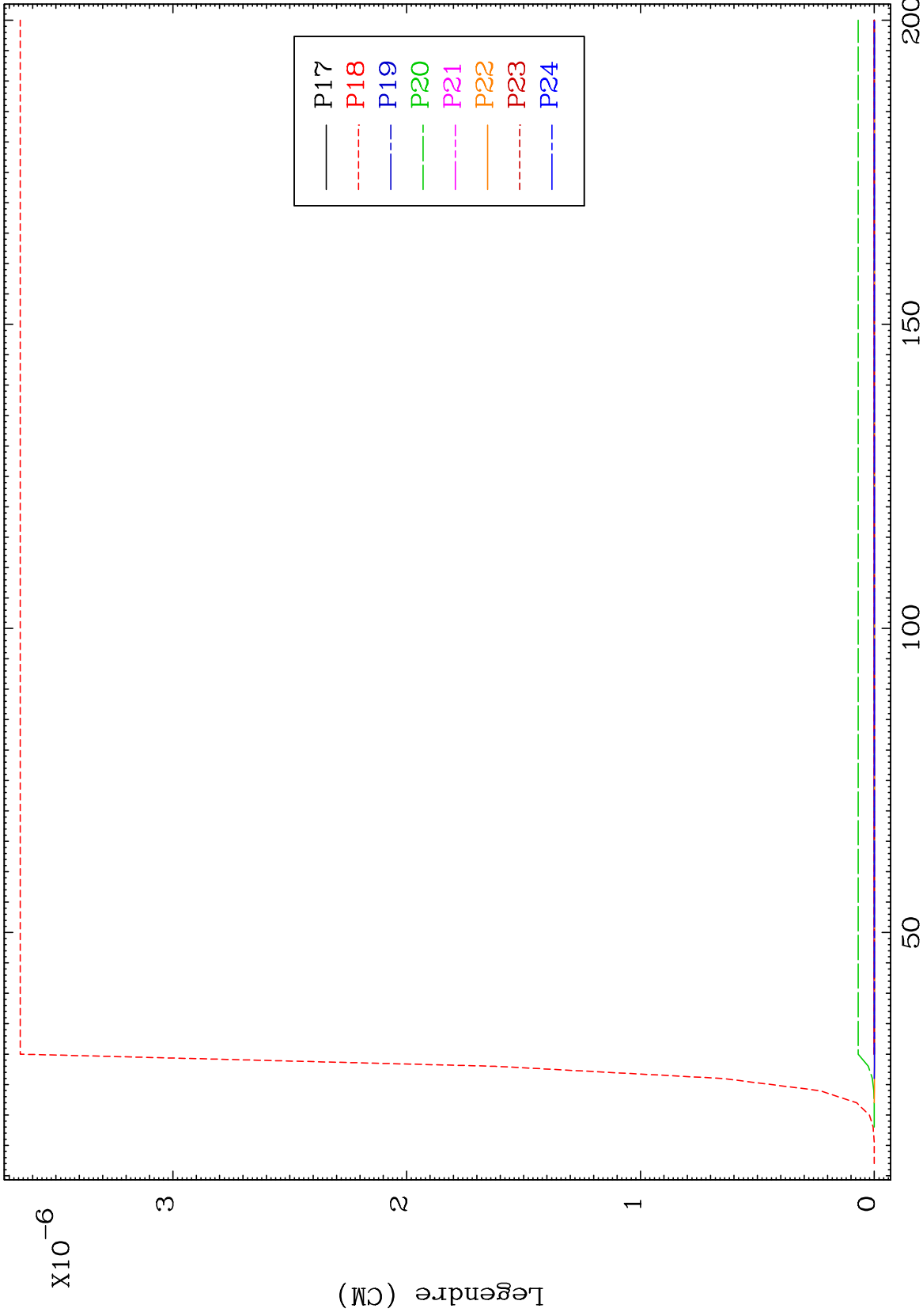
106

48-Cd-115

MAT 4852

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

48-Cd-115



107

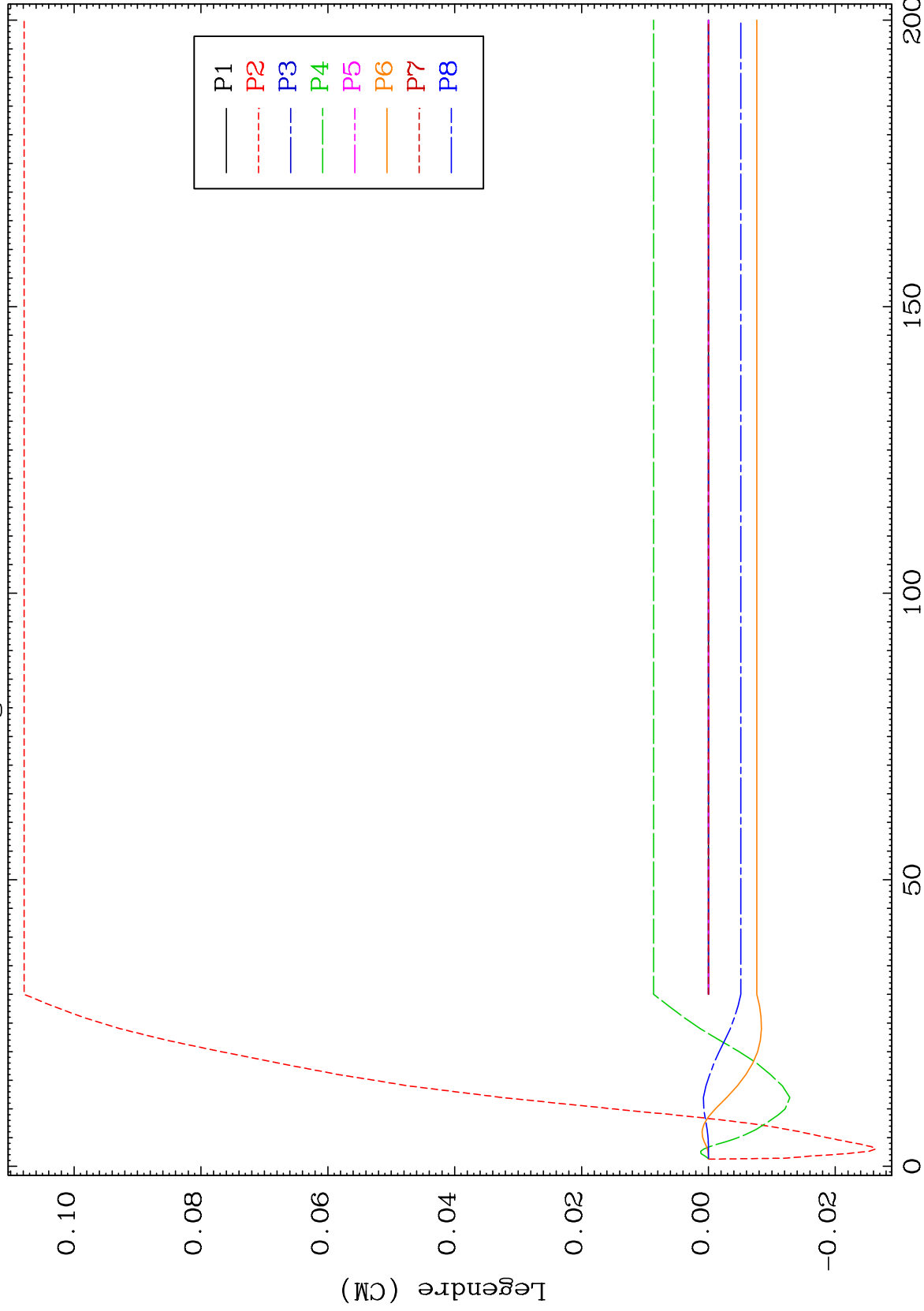
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



48-Cd-115

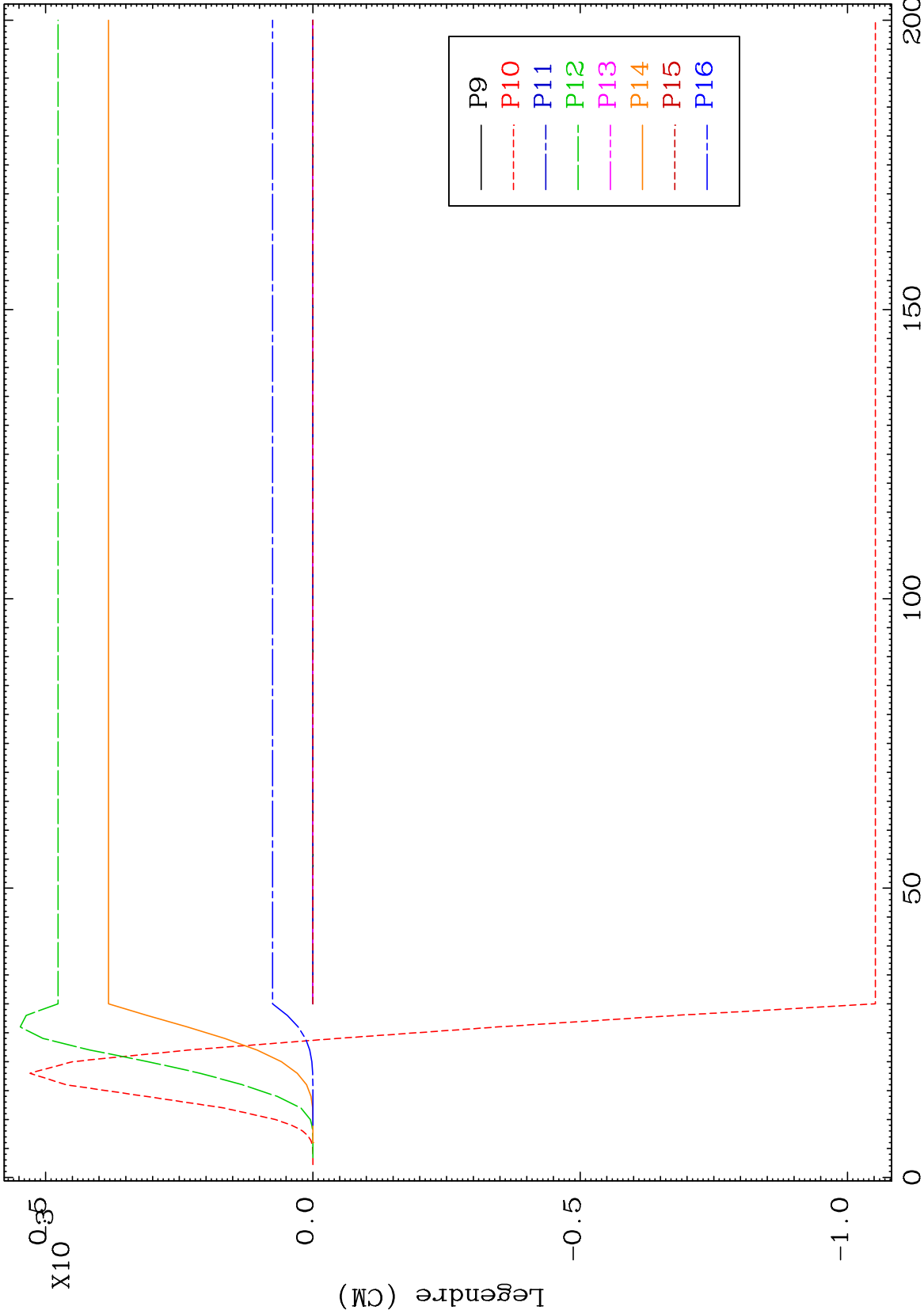
Incident Energy (MeV)

108

MAT 4852

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

48-Cd-115



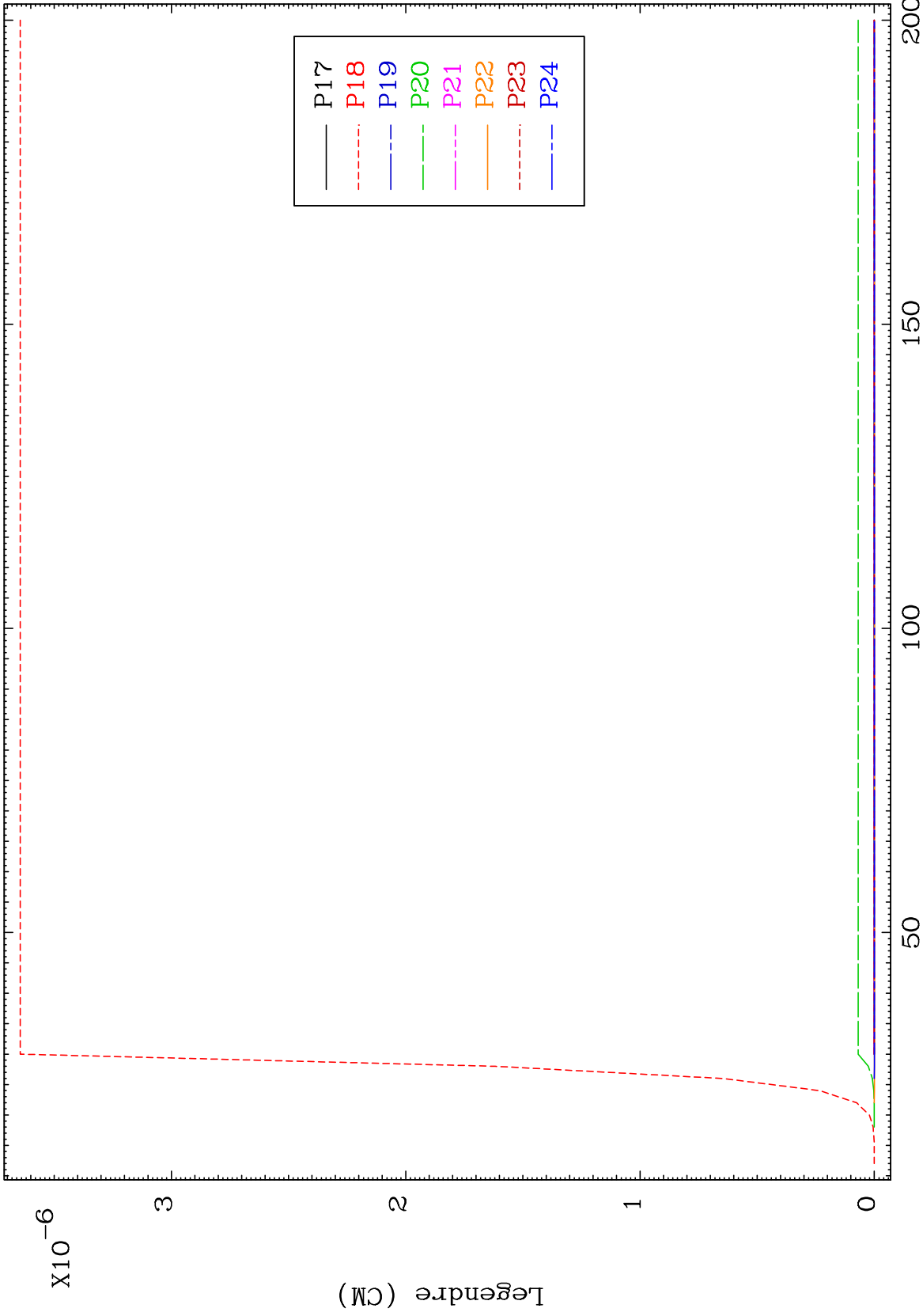
109

48-Cd-115

MAT 4852

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

48-Cd-115



110

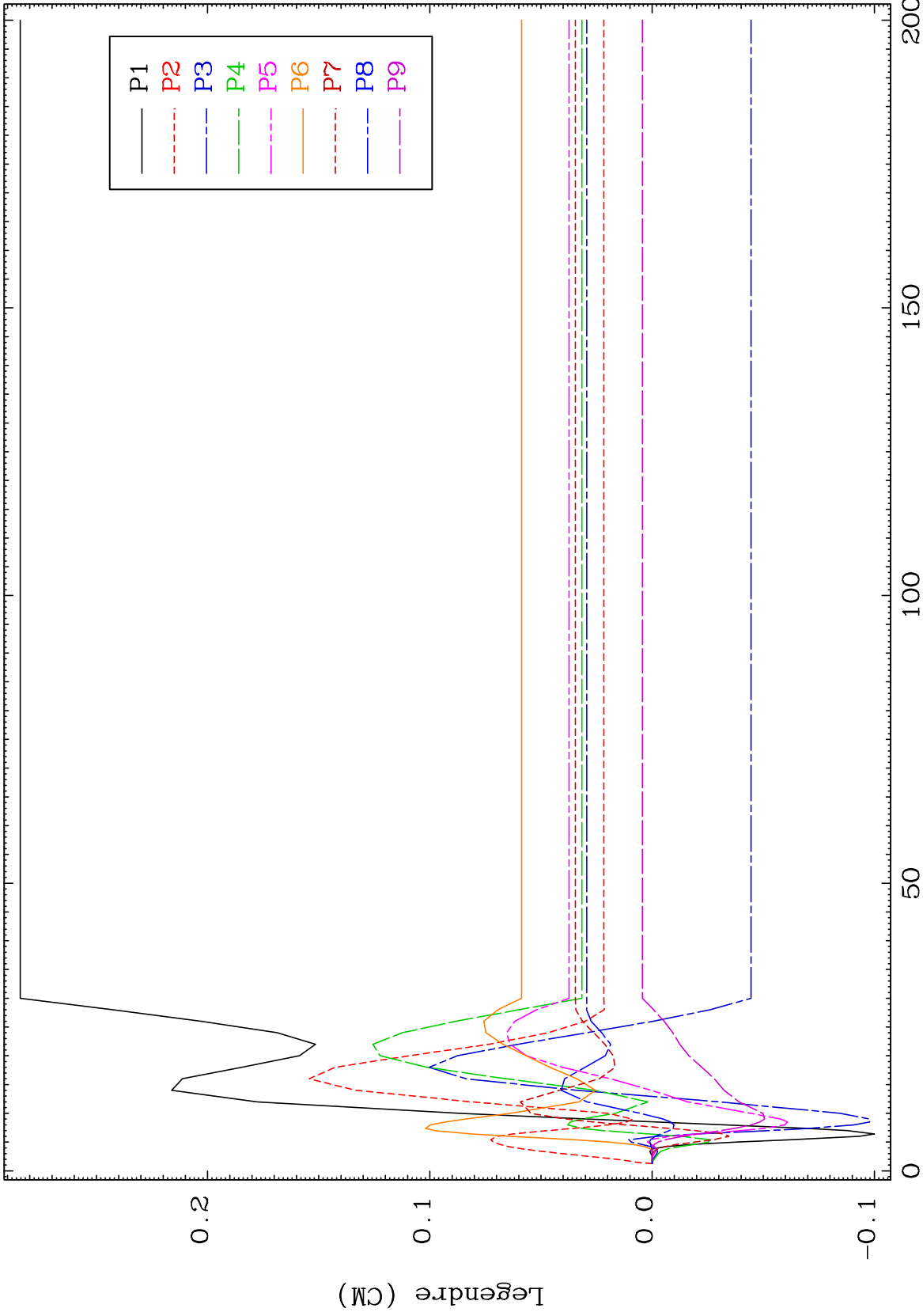
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



111

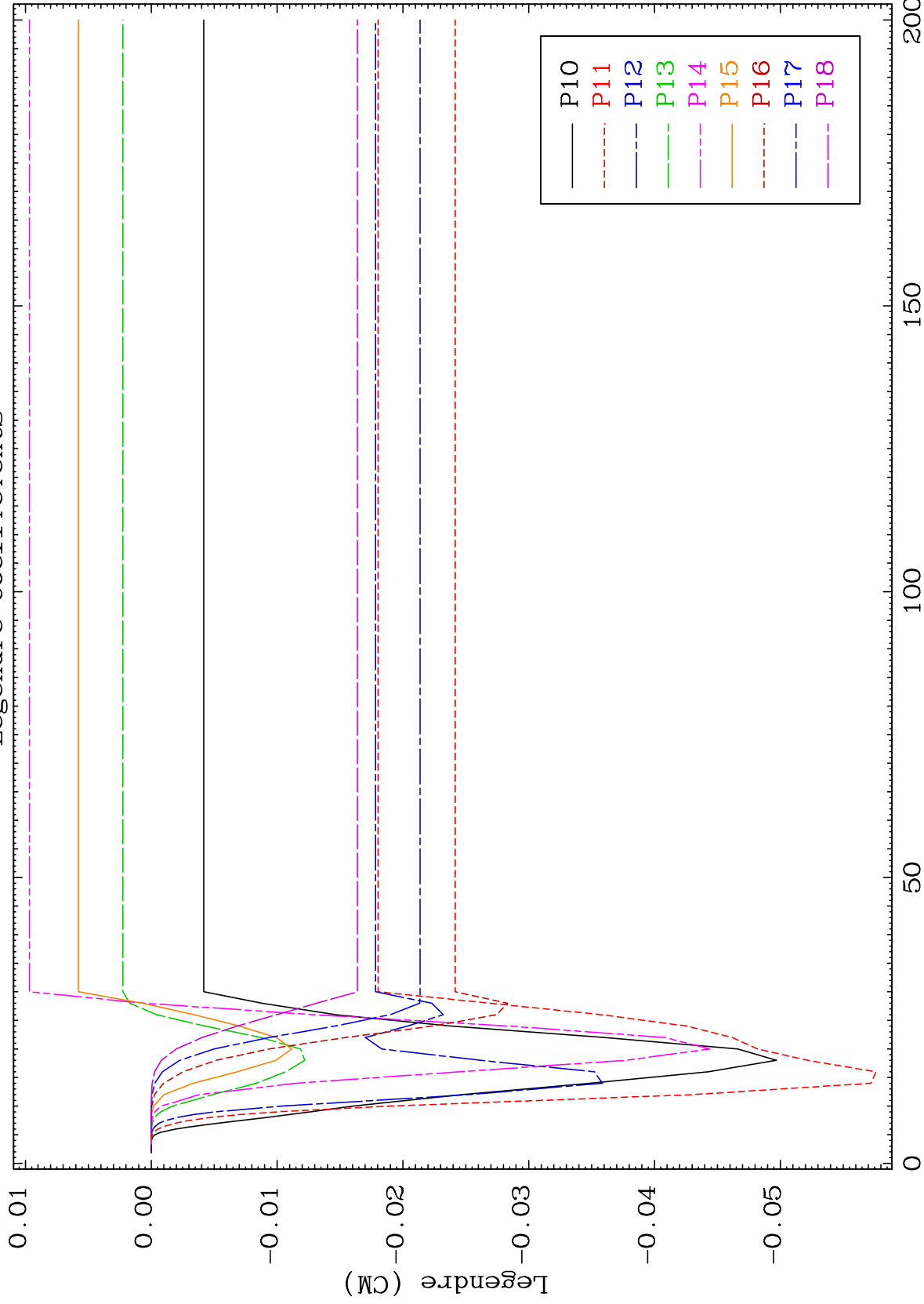
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



112

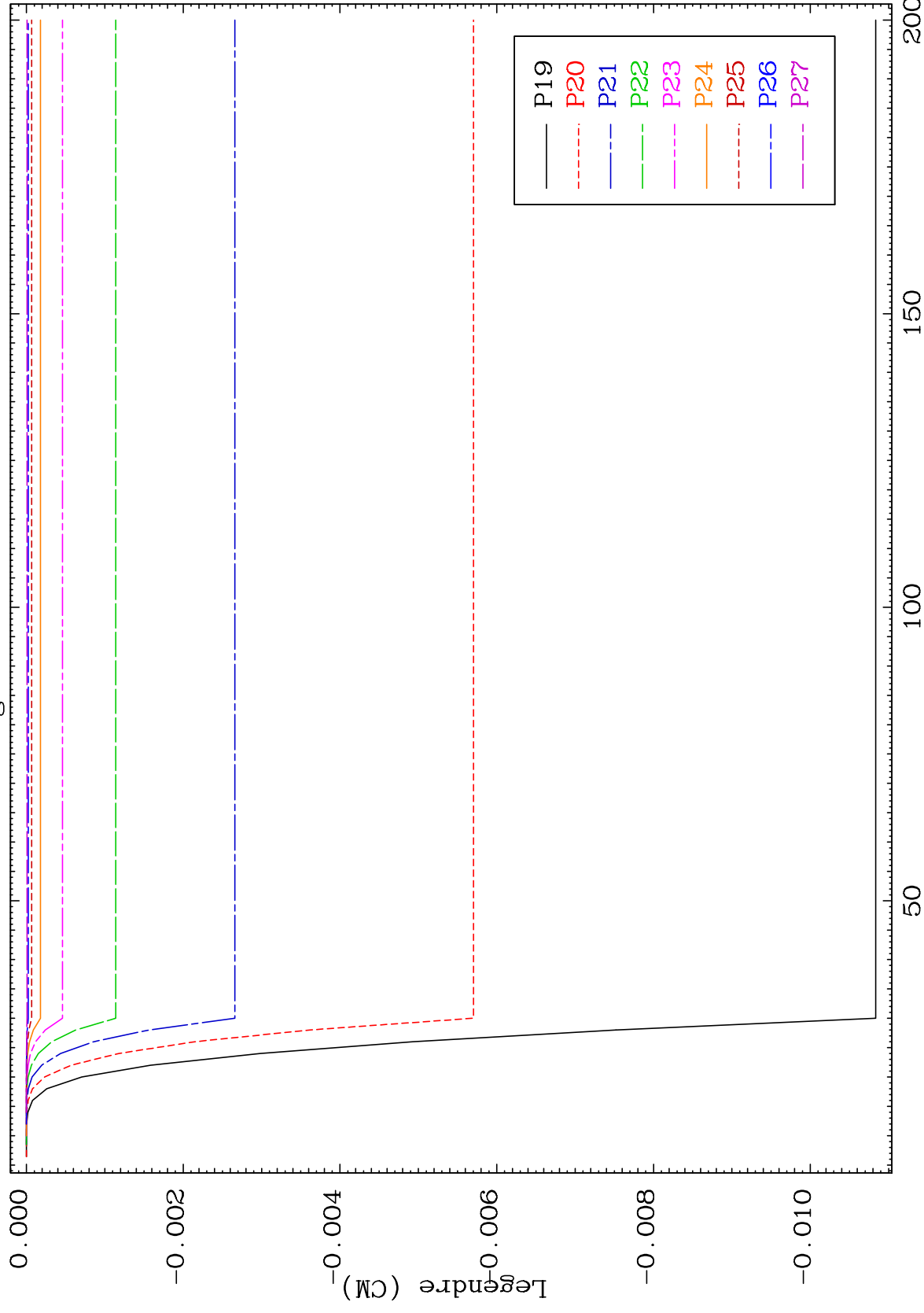
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



113

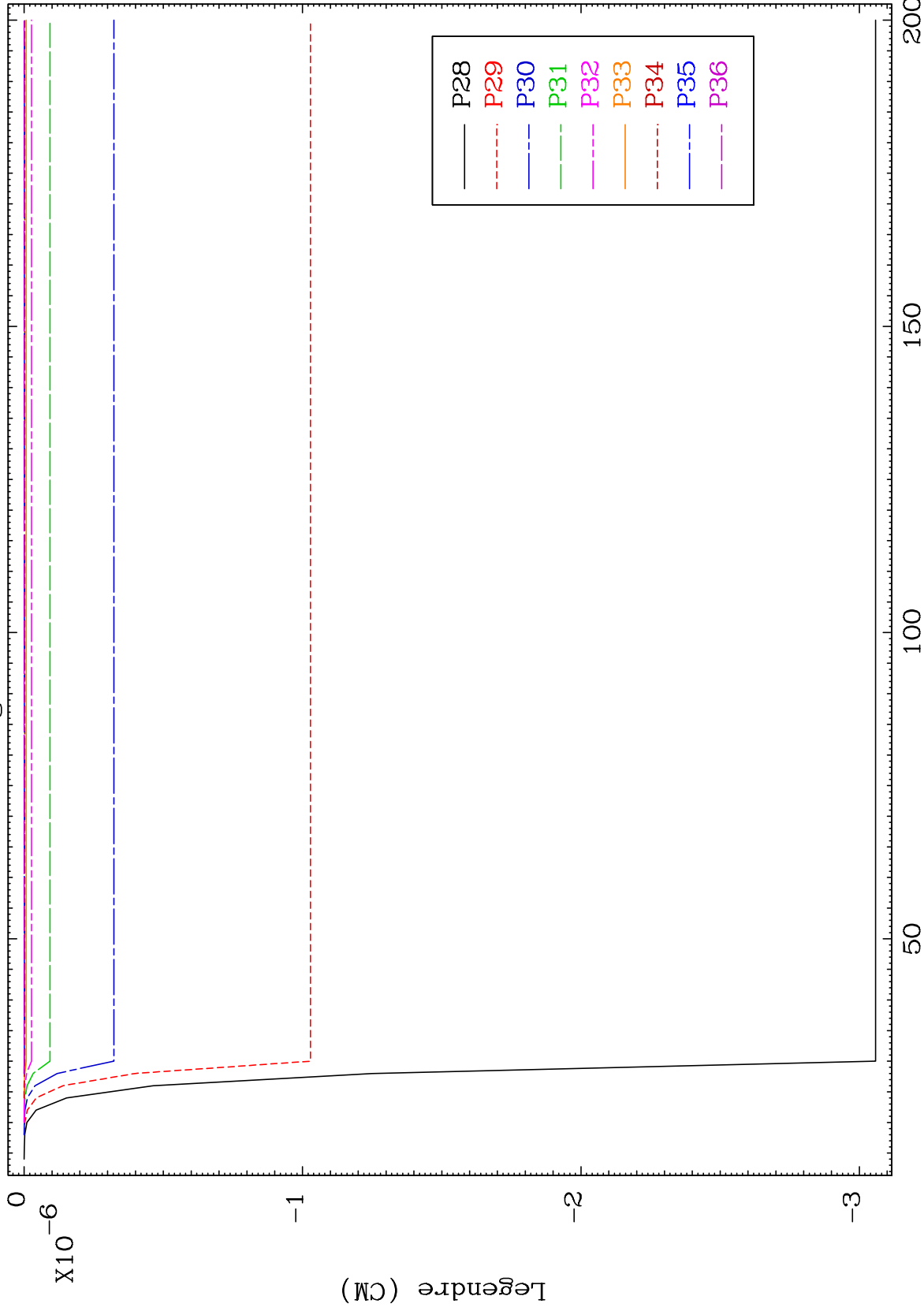
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



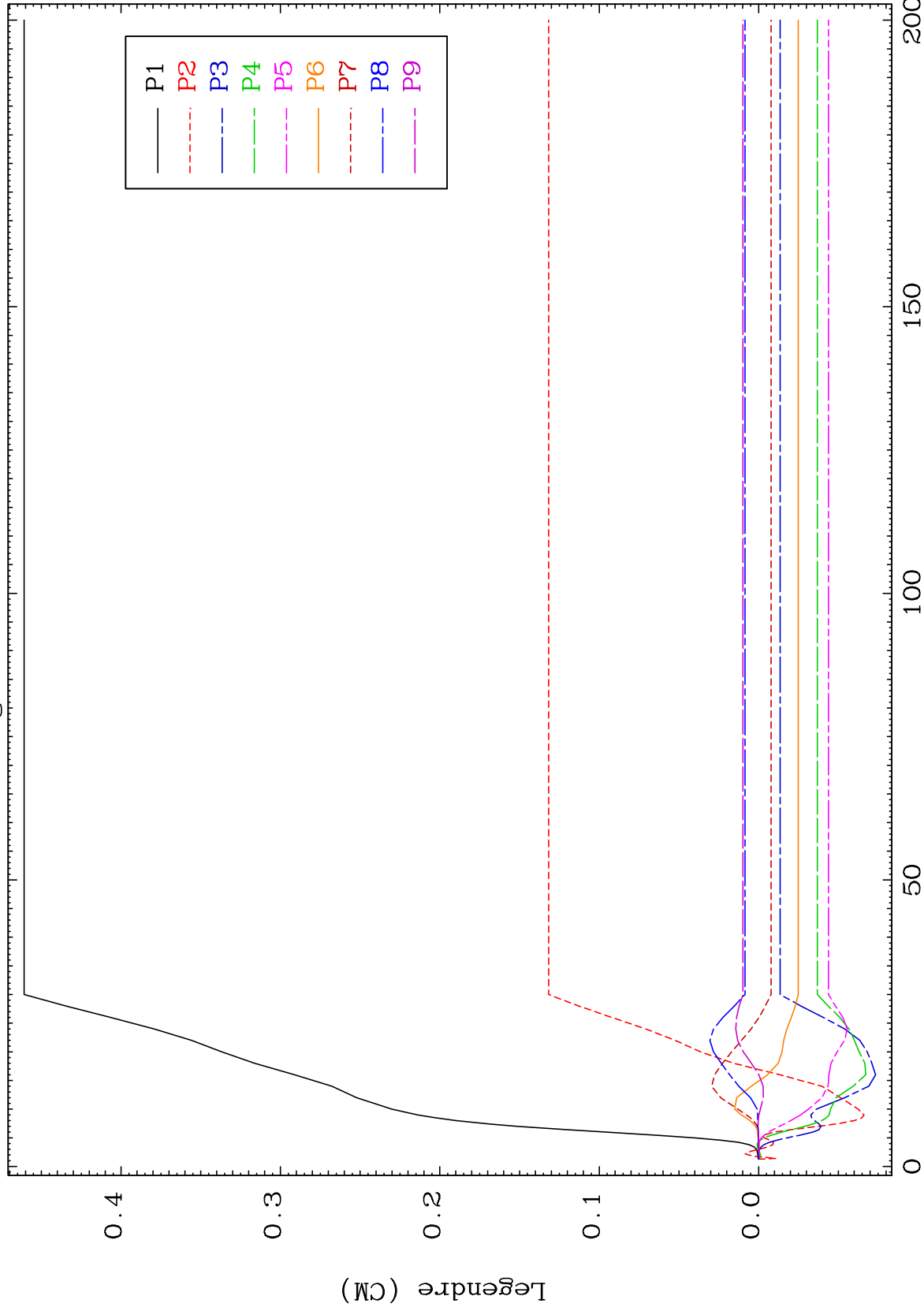
114

48-Cd-115

MAT 4852

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

48-Cd-115



115

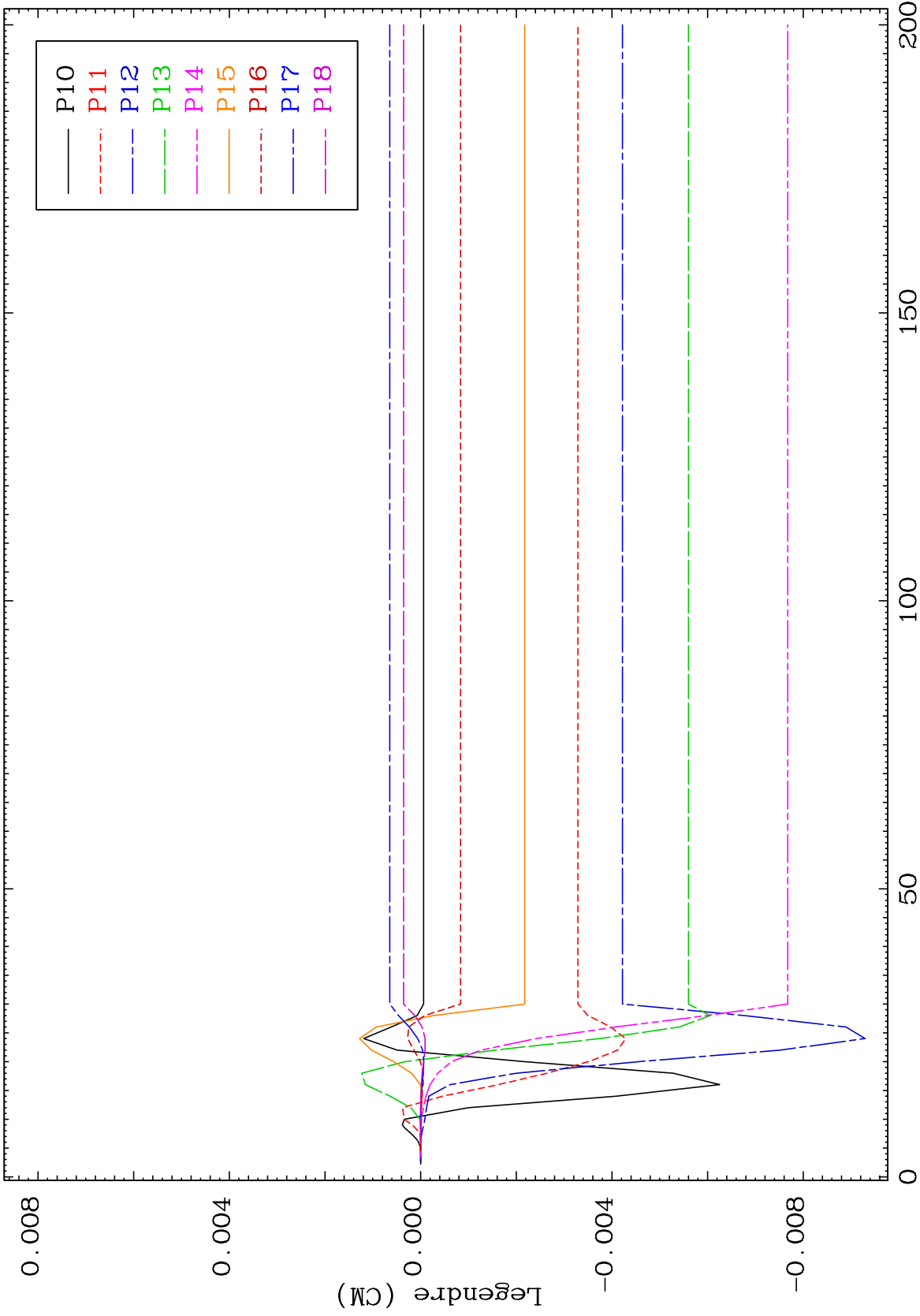
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

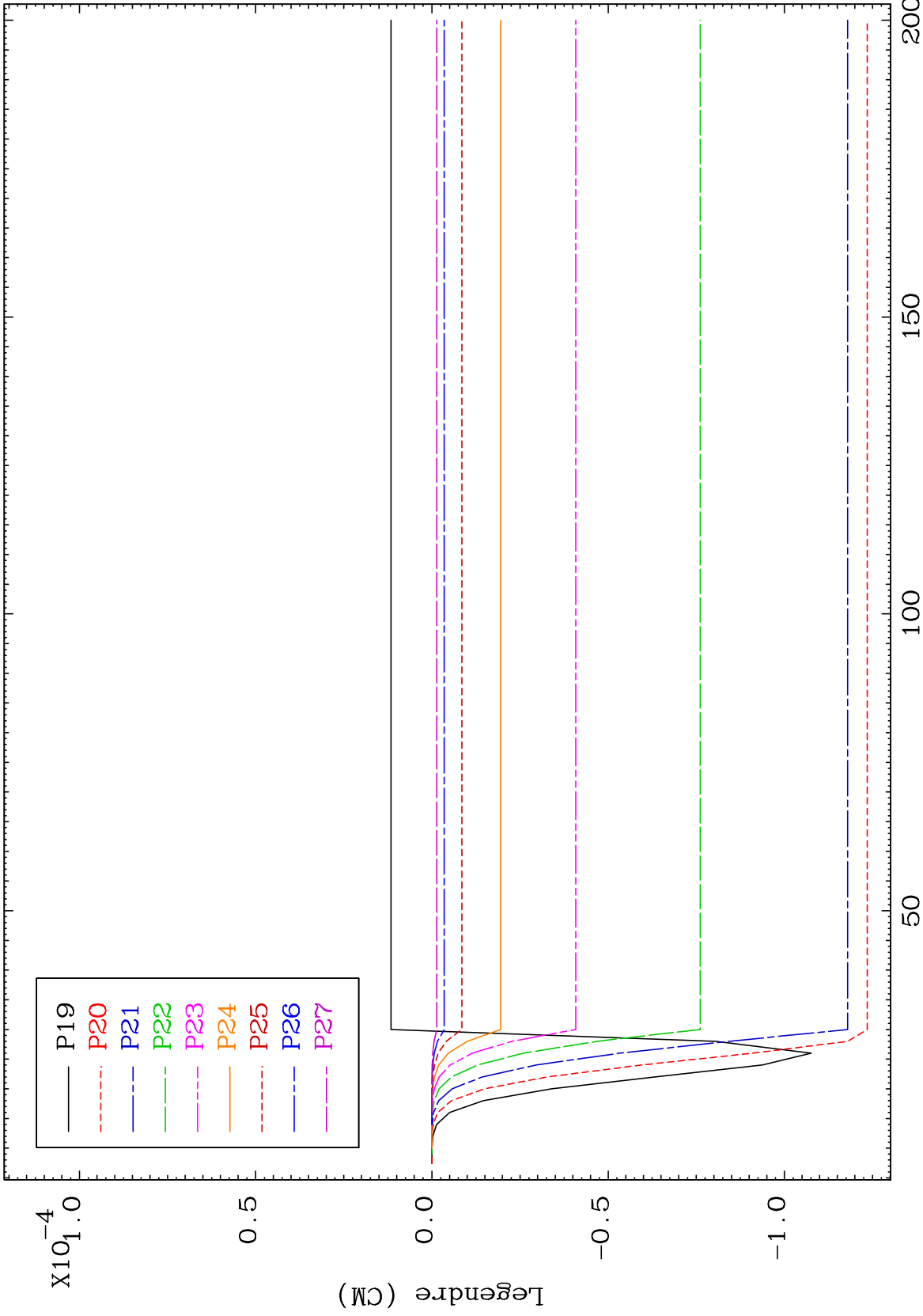
48-Cd-115



116

Incident Energy (MeV)

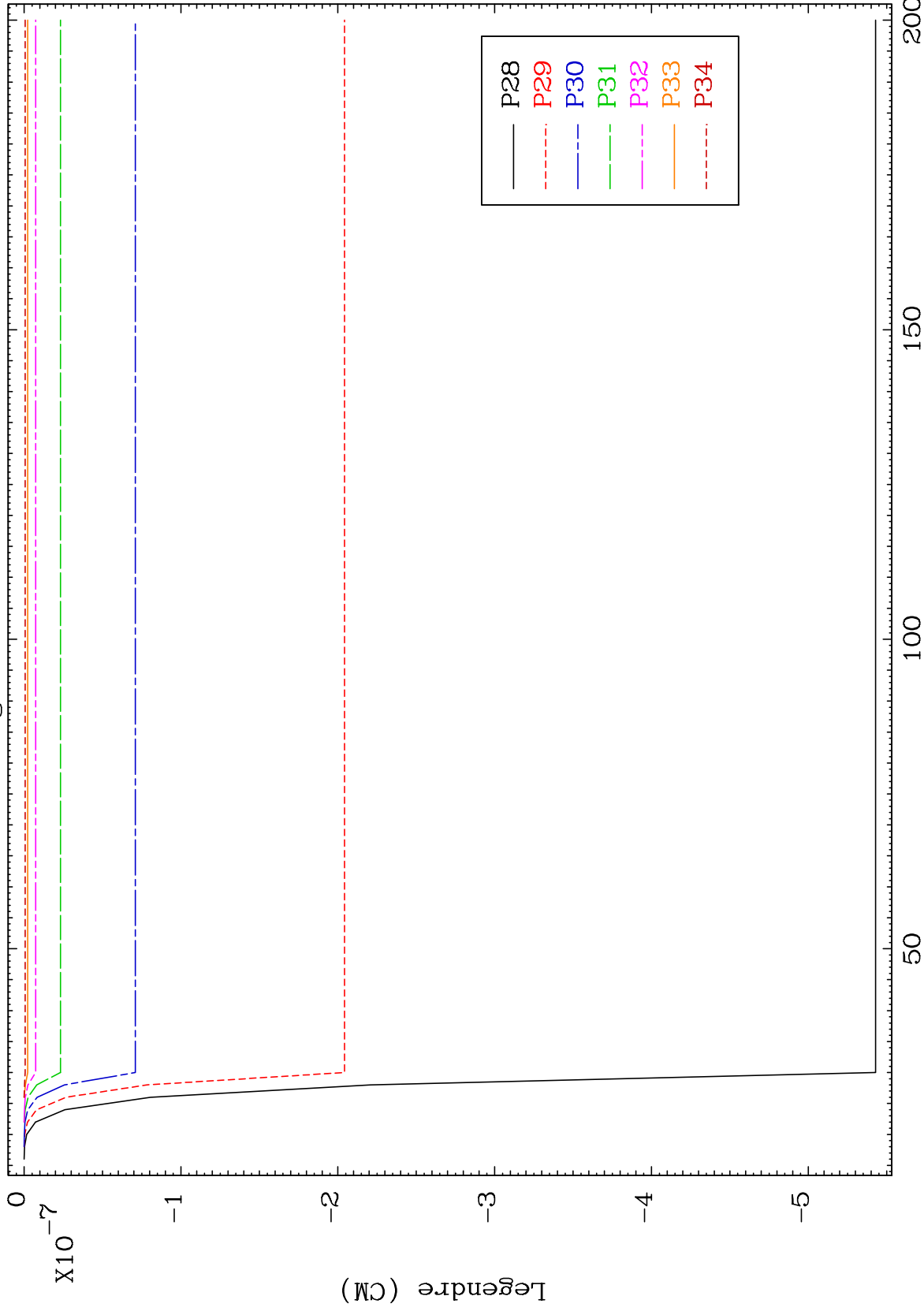
48-Cd-115



MAT 4852

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

48-Cd-115



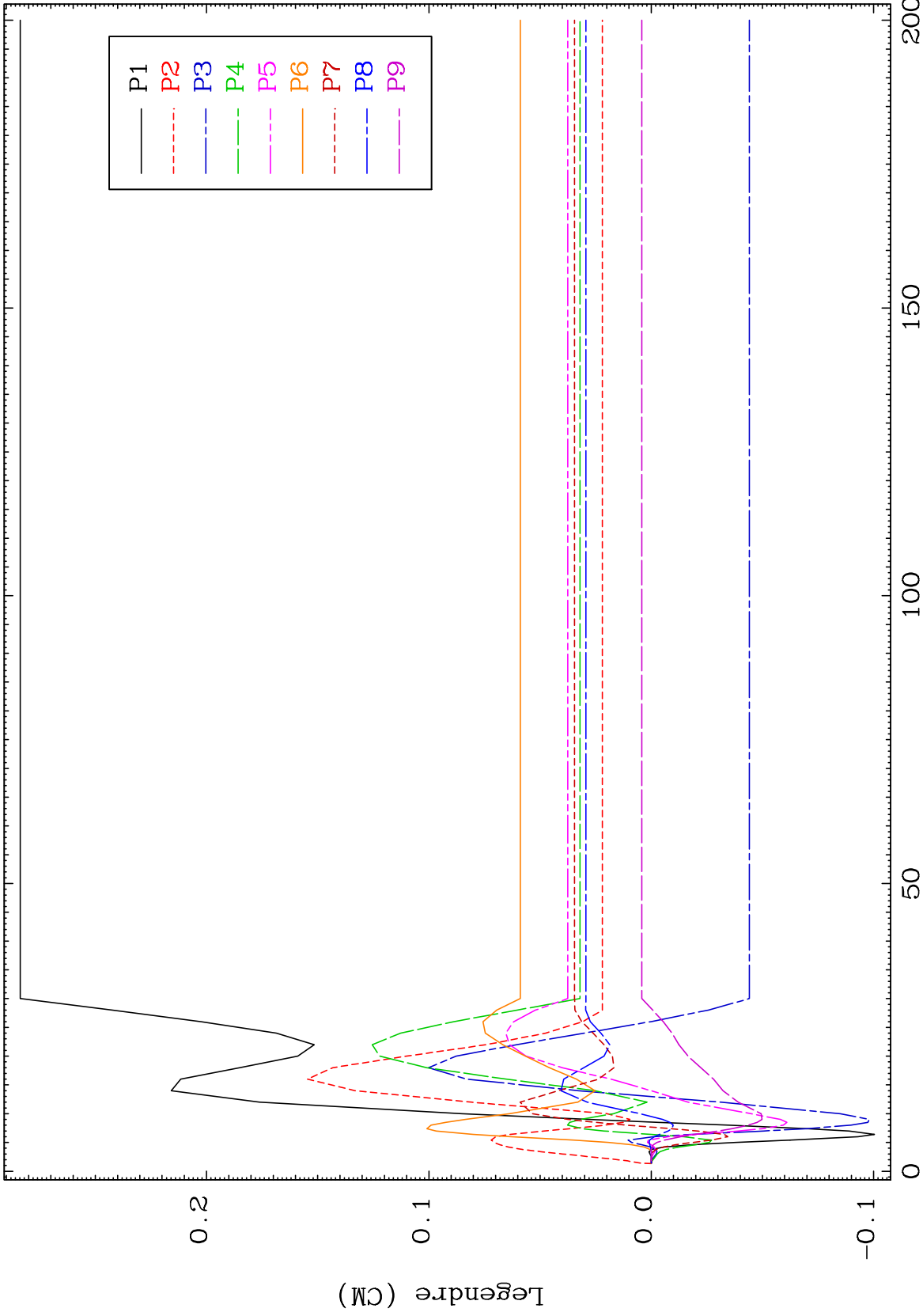
118

48-Cd-115

MAT 4852

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

48-Cd-115



119

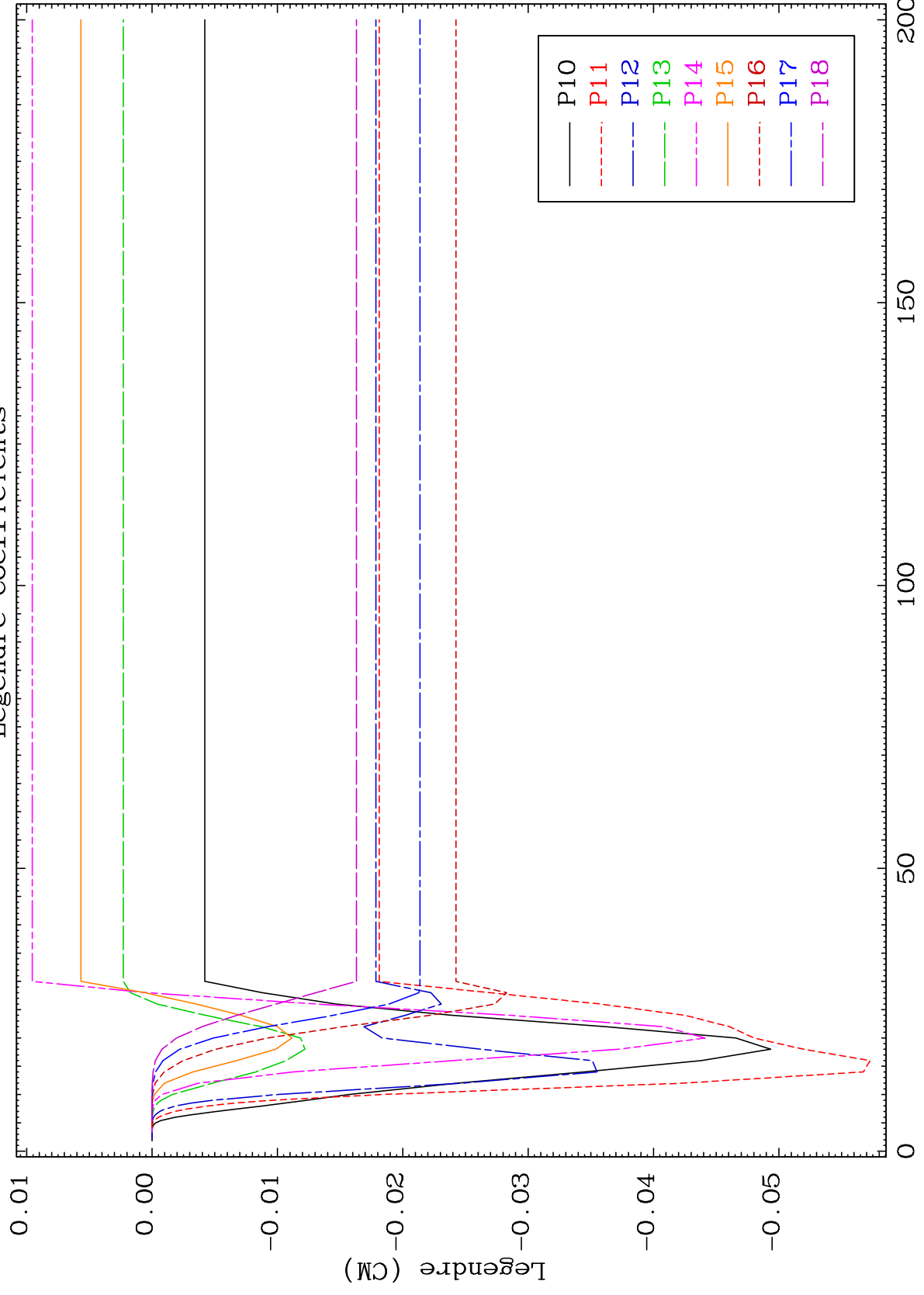
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



48-Cd-115

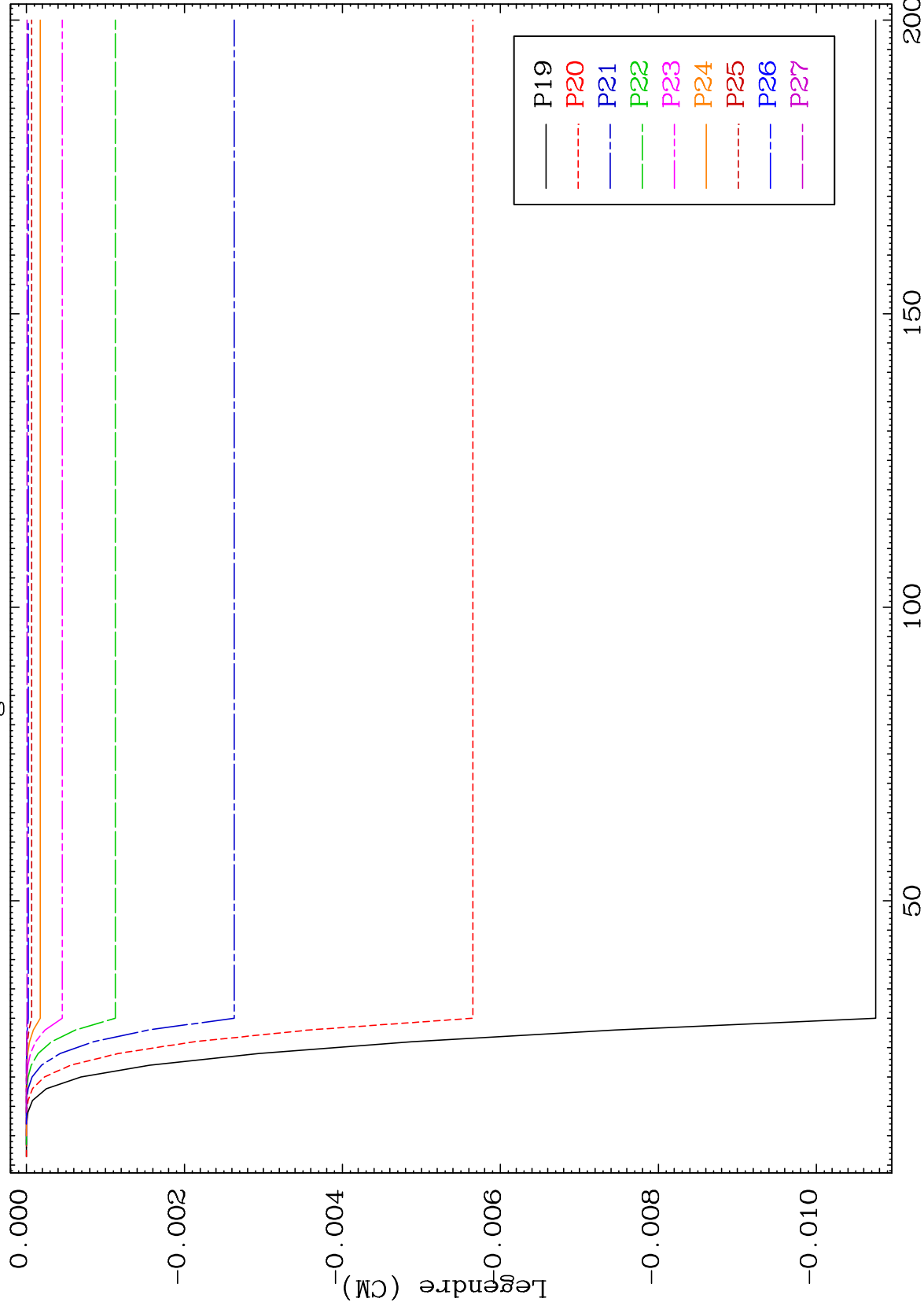
Incident Energy (MeV)

120

MAT 4852

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

48-Cd-115



121

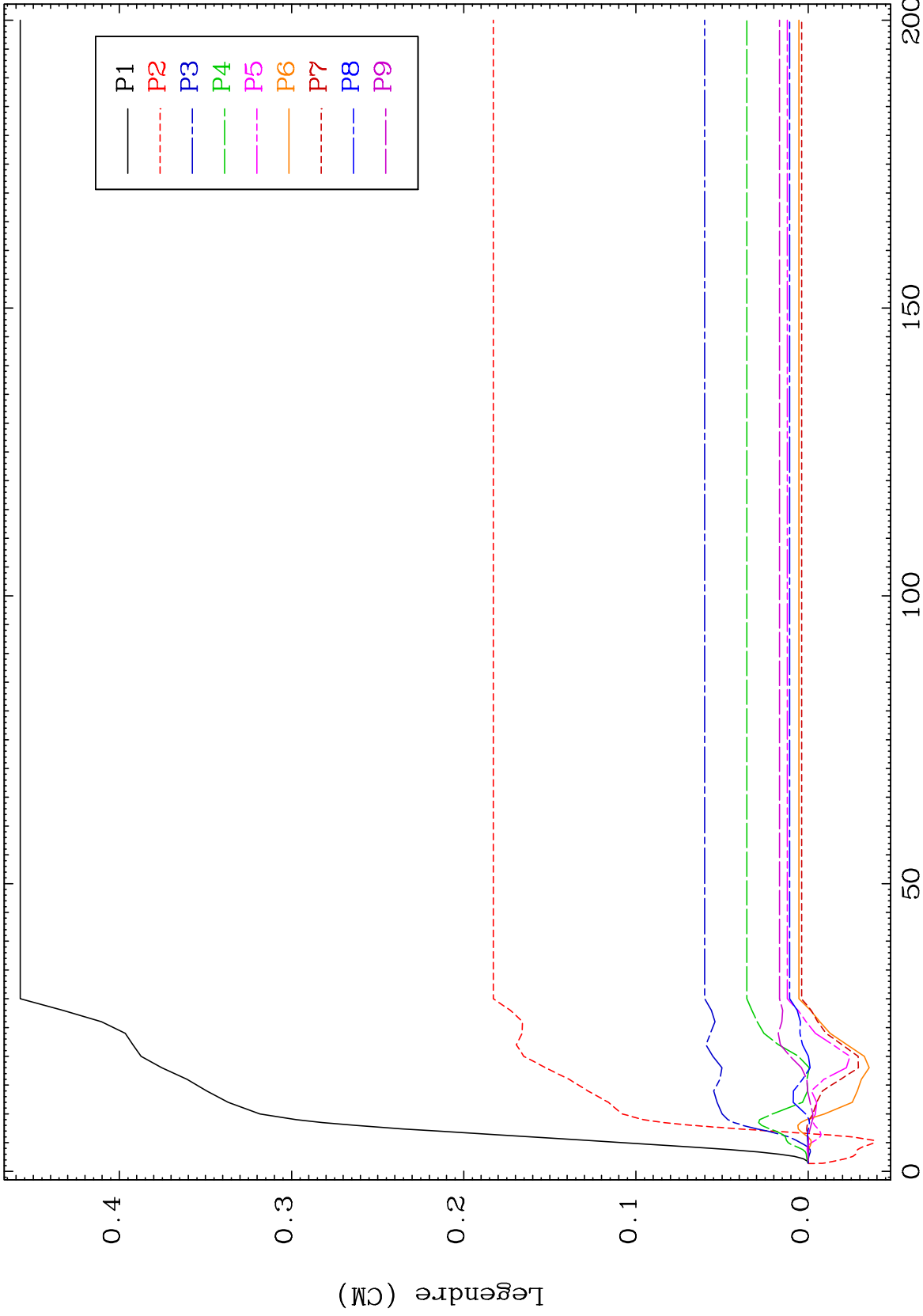
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



123

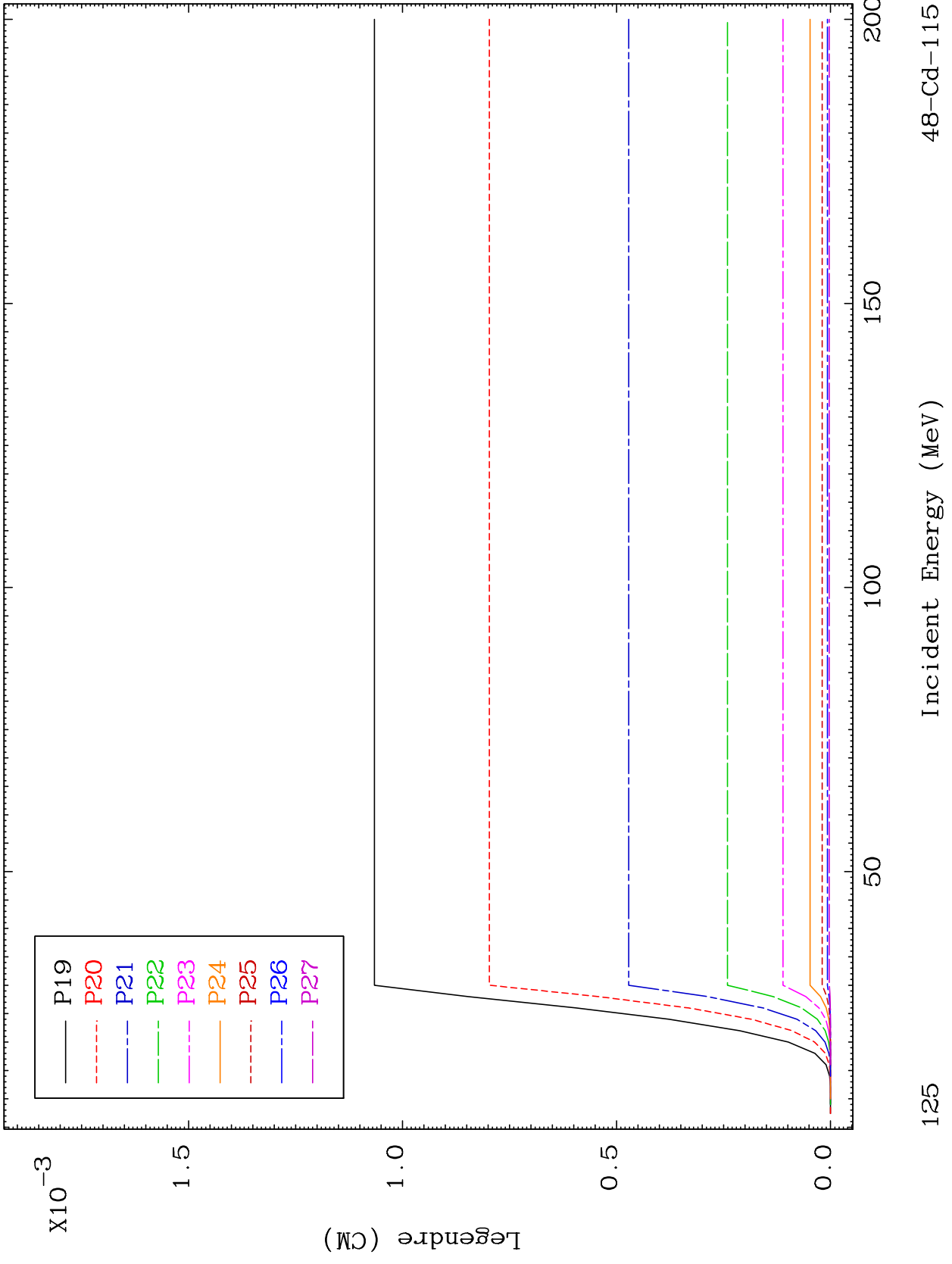
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



48-Cd-115

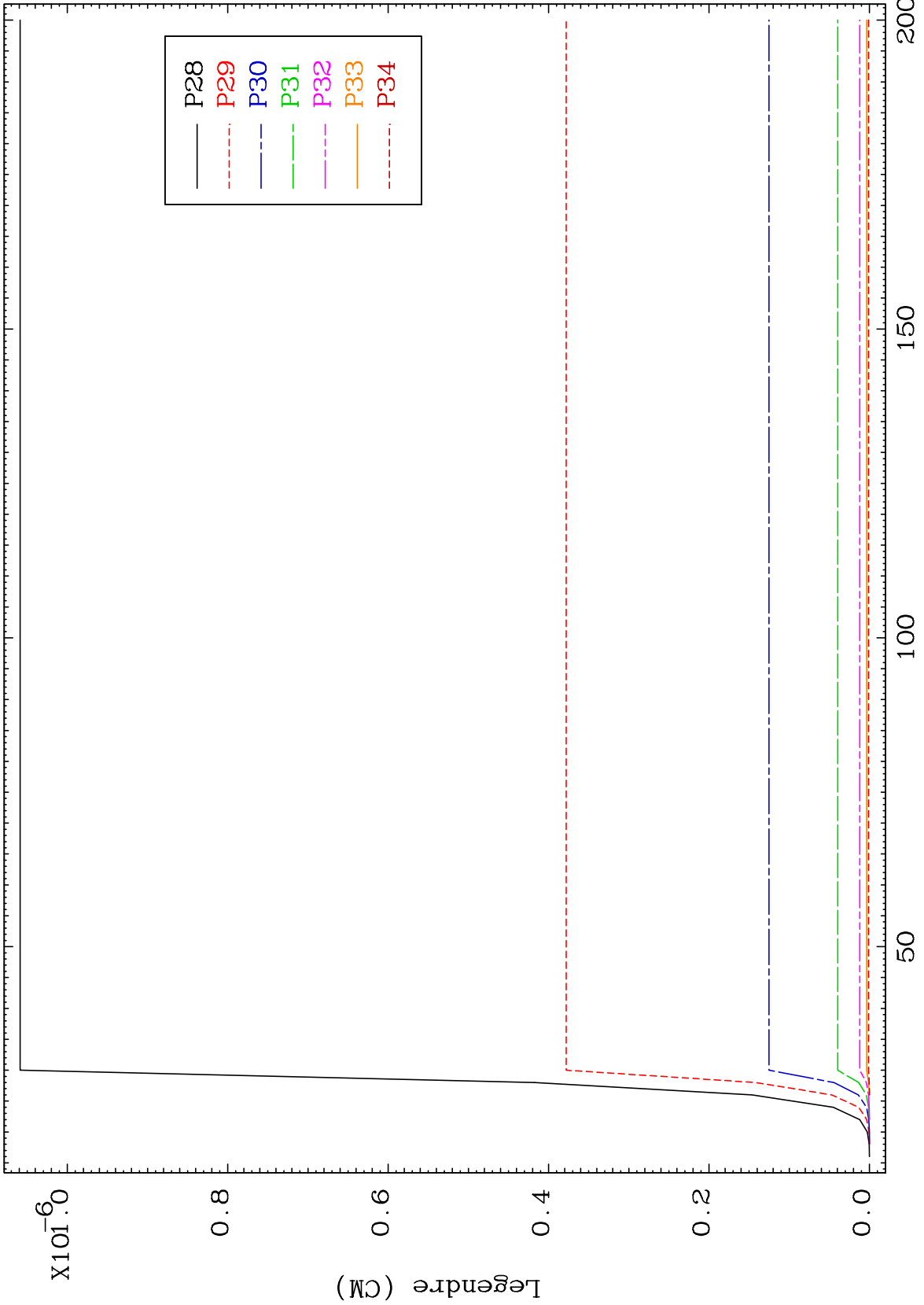
Incident Energy (MeV)

125

MAT 4852

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

48-Cd-115



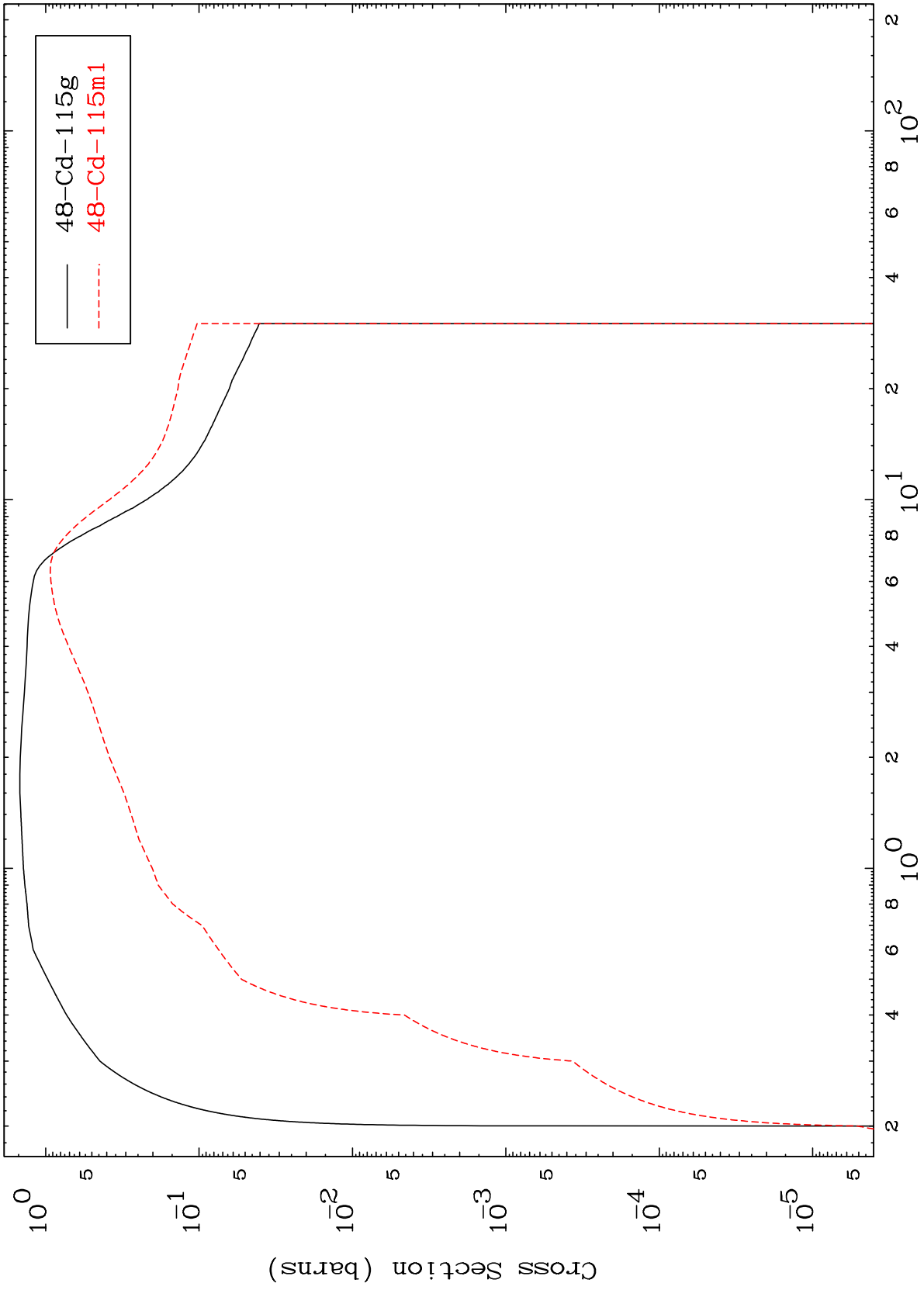
126

48-Cd-115

MAT 4852

48-Cd-115

Inelastic Radionuclide Production Cross Section



127

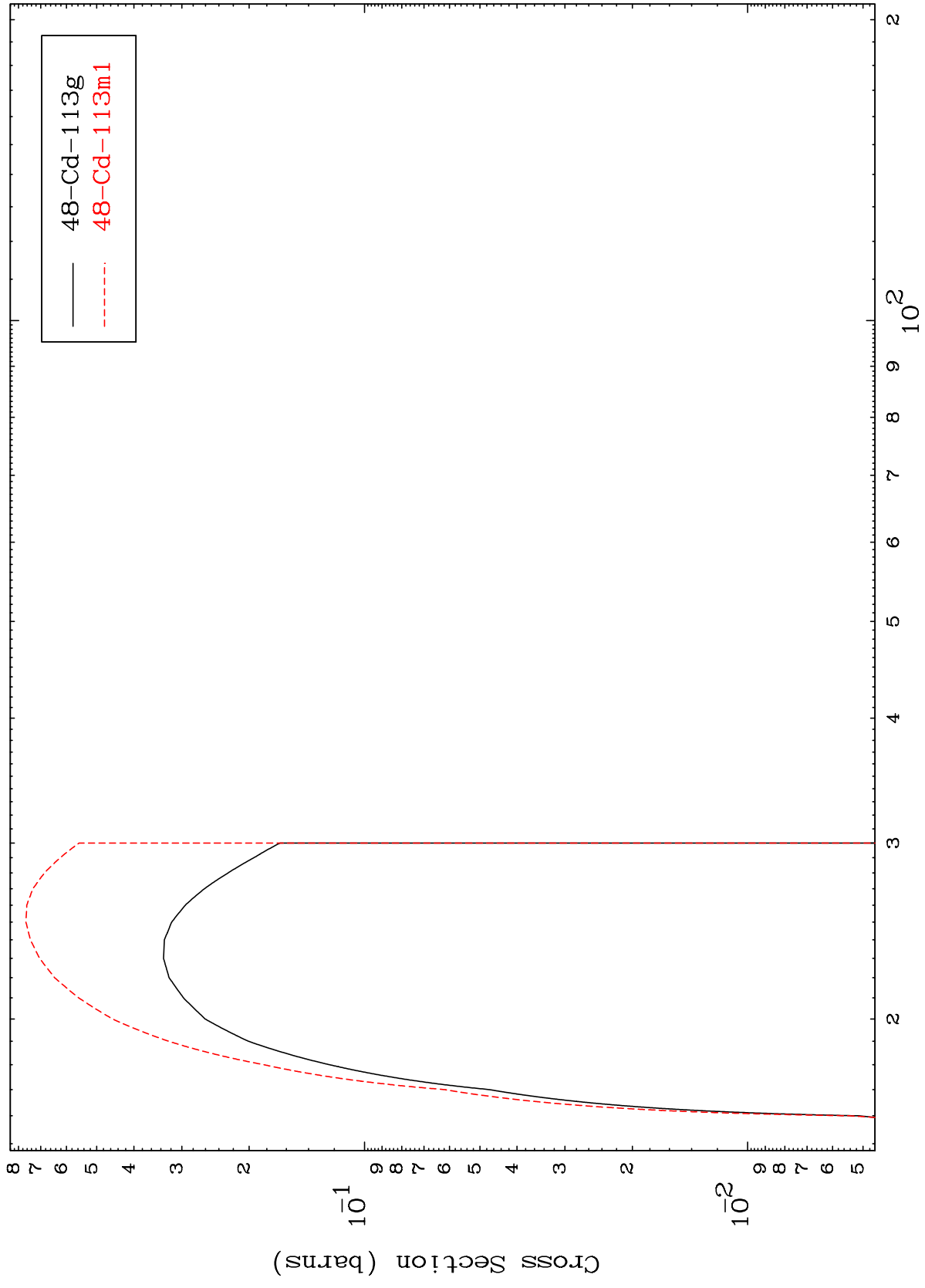
48-Cd-115

MAT 4852

(n,3n)

48-Cd-115

Radionuclide Production Cross Section



48-Cd-113g
48-Cd-113m1

128

Incident Energy (MeV)

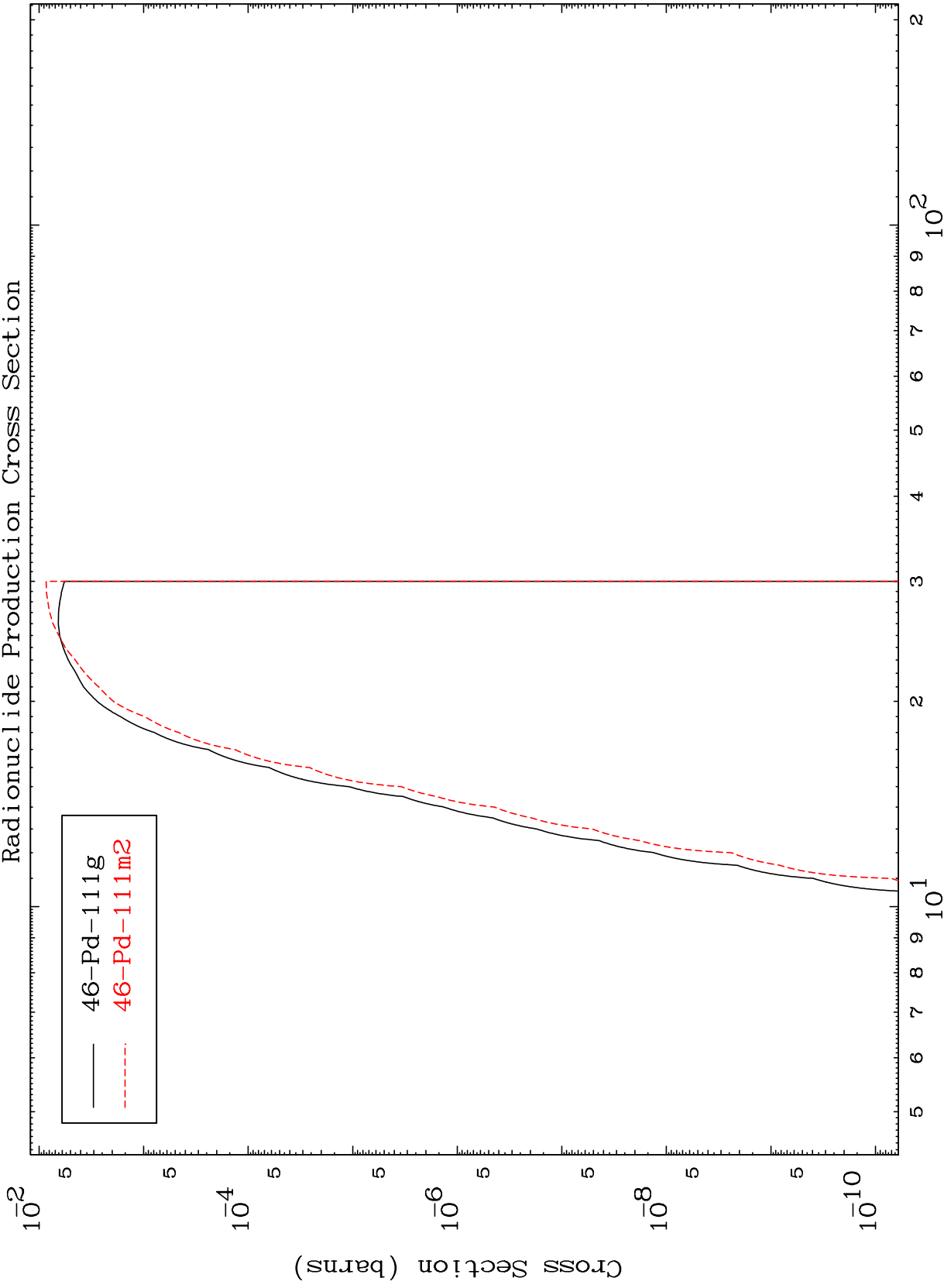
48-Cd-115

MAT 4852

(n,n') α

48-Cd-115

Radionuclide Production Cross Section



129

Incident Energy (MeV)

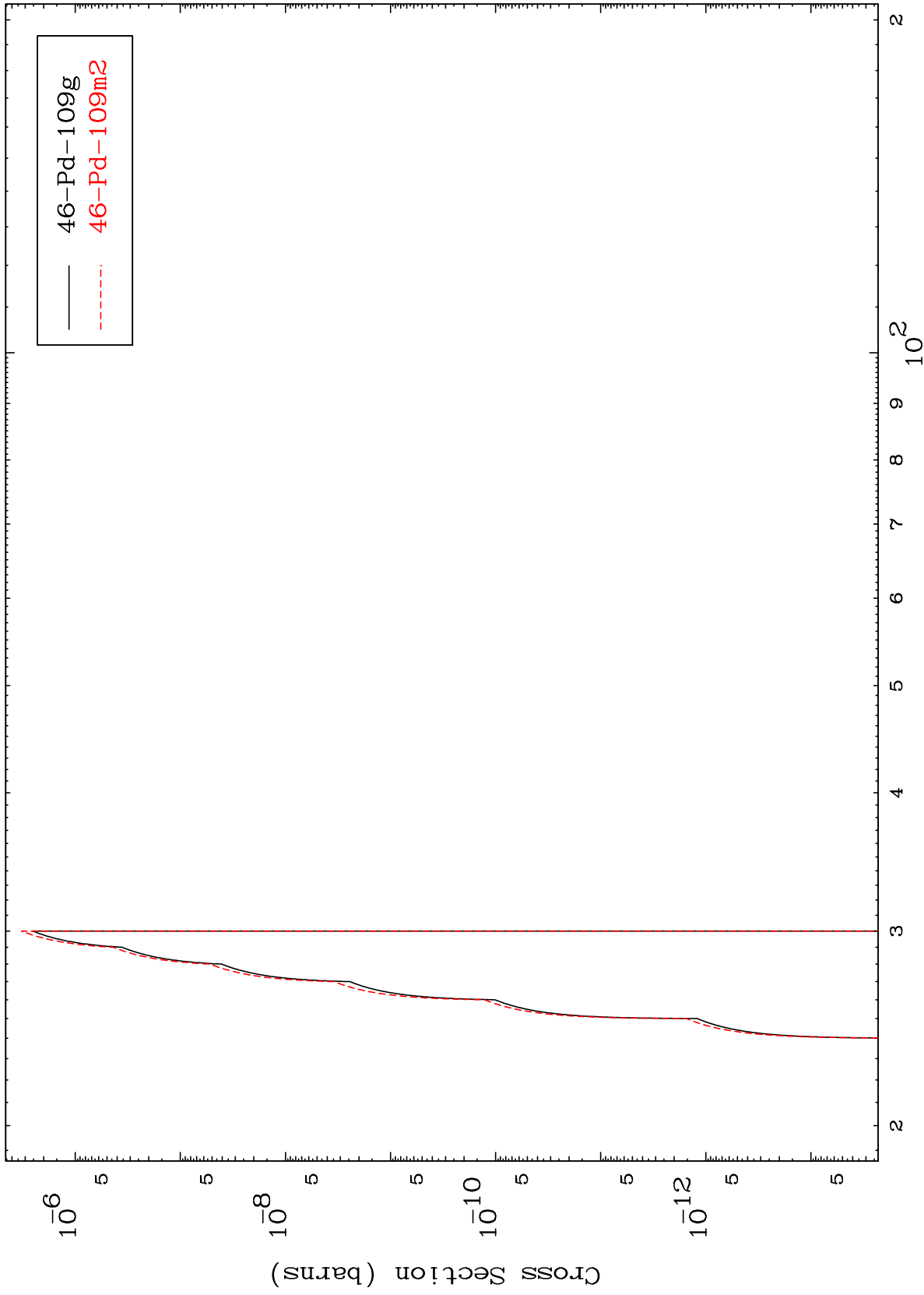
48-Cd-115

MAT 4852

(n,3n) α

48-Cd-115

Radionuclide Production Cross Section



130

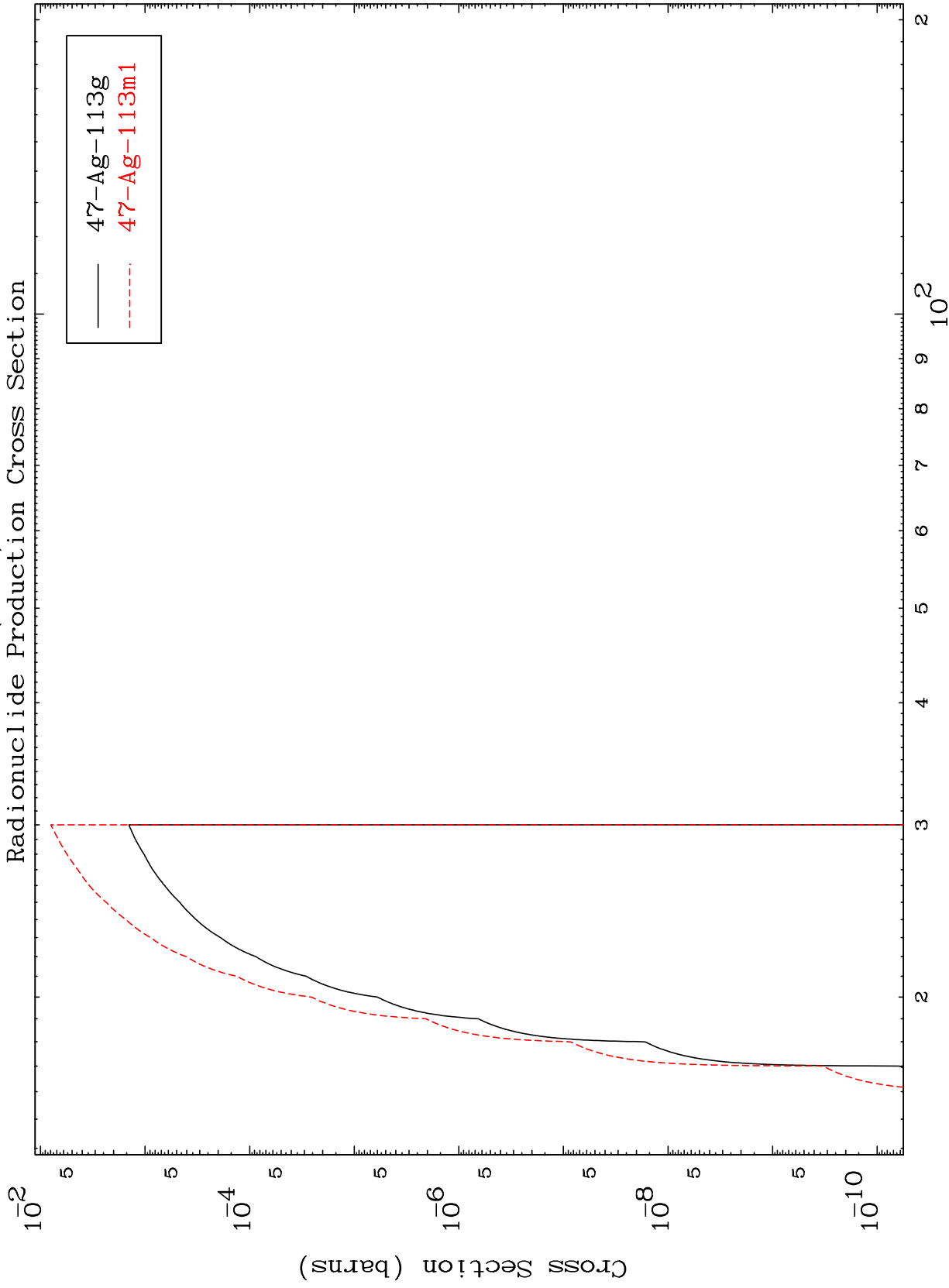
Incident Energy (MeV)

48-Cd-115

MAT 4852

(n,n') d

48-Cd-115



131

Incident Energy (MeV)

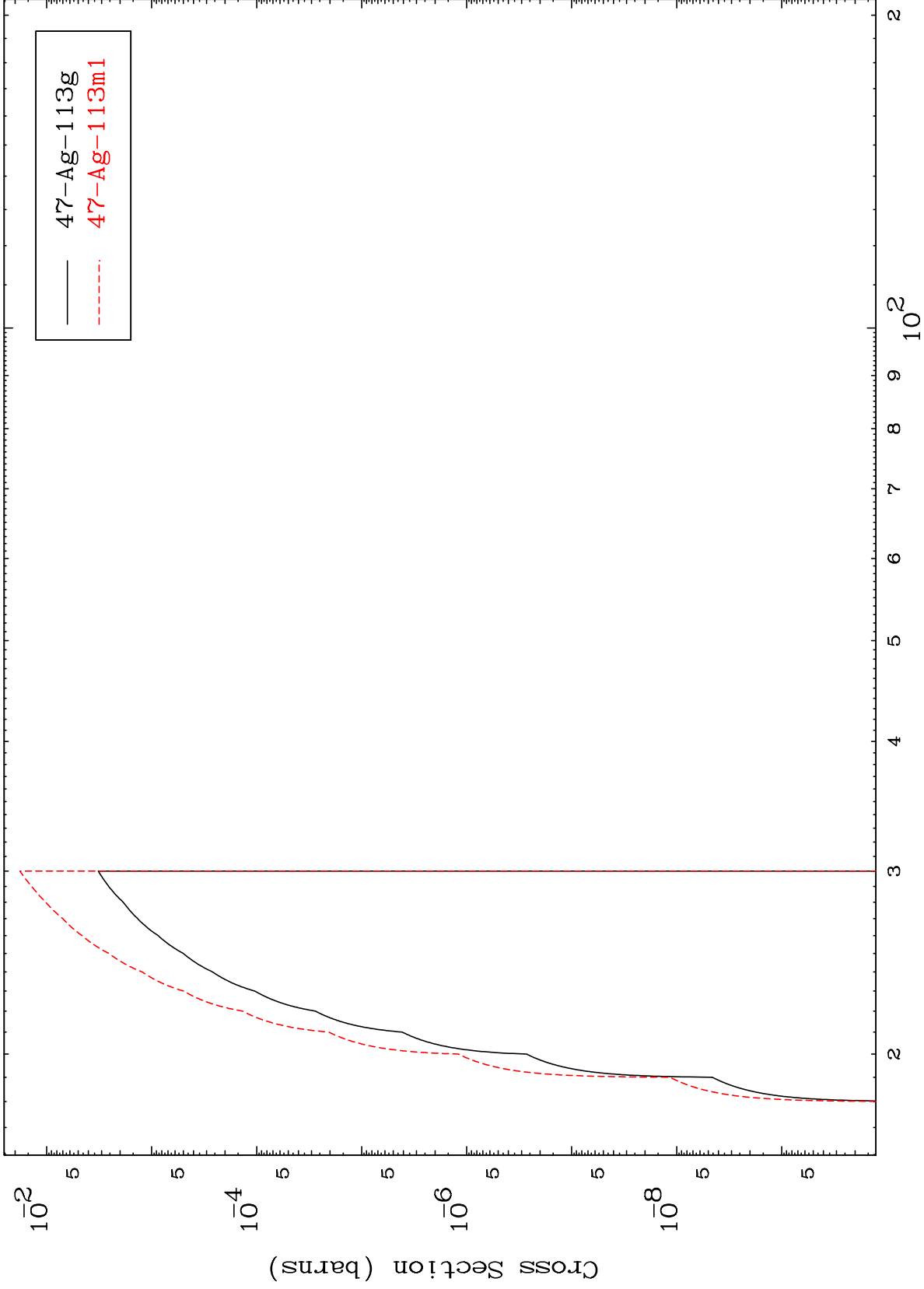
48-Cd-115

MAT 4852

(n,2n) p

48-Cd-115

Radionuclide Production Cross Section



132

Incident Energy (MeV)

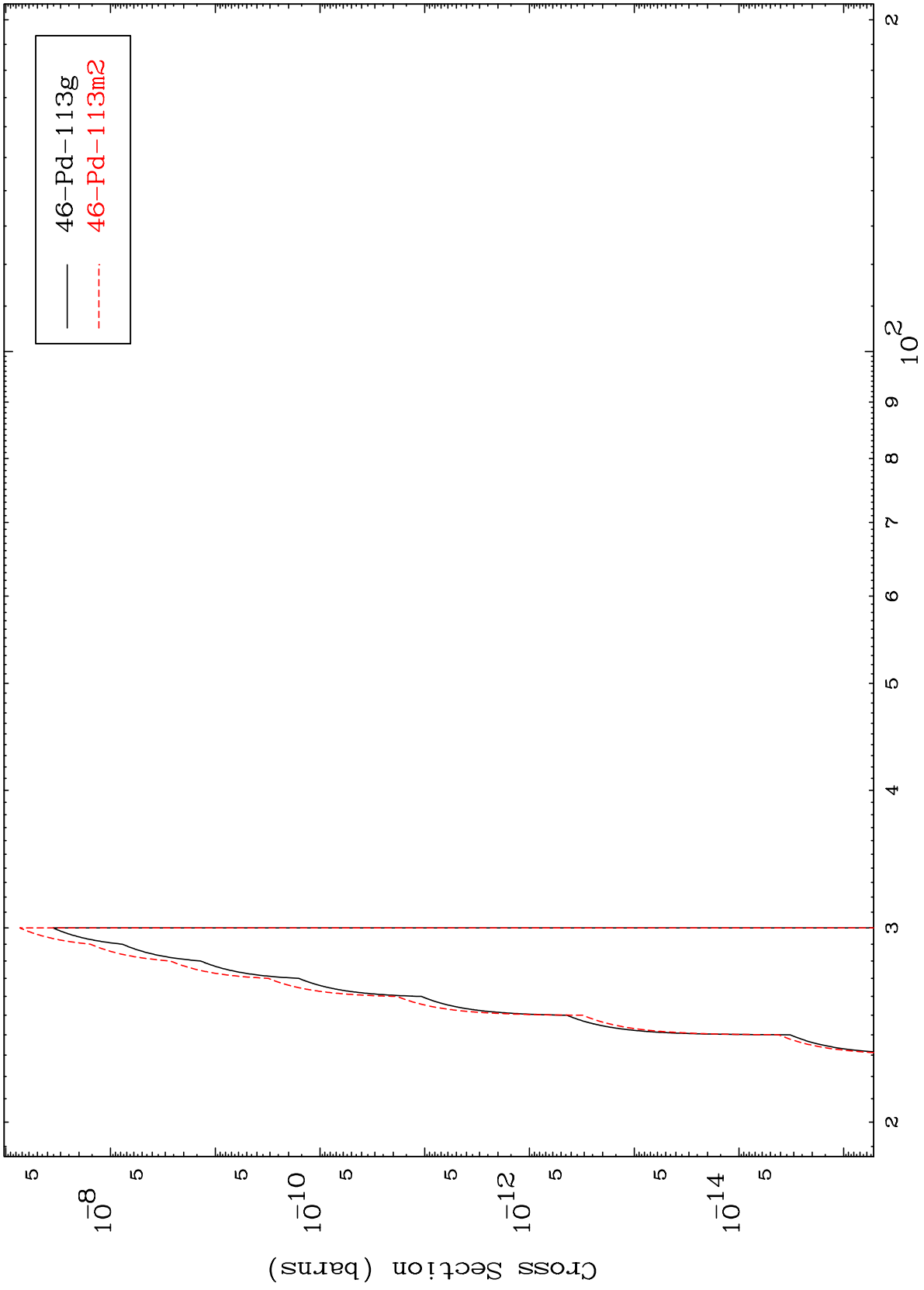
48-Cd-115

MAT 4852

(n,2n) p

48-Cd-115

Radionuclide Production Cross Section



133

Incident Energy (MeV)

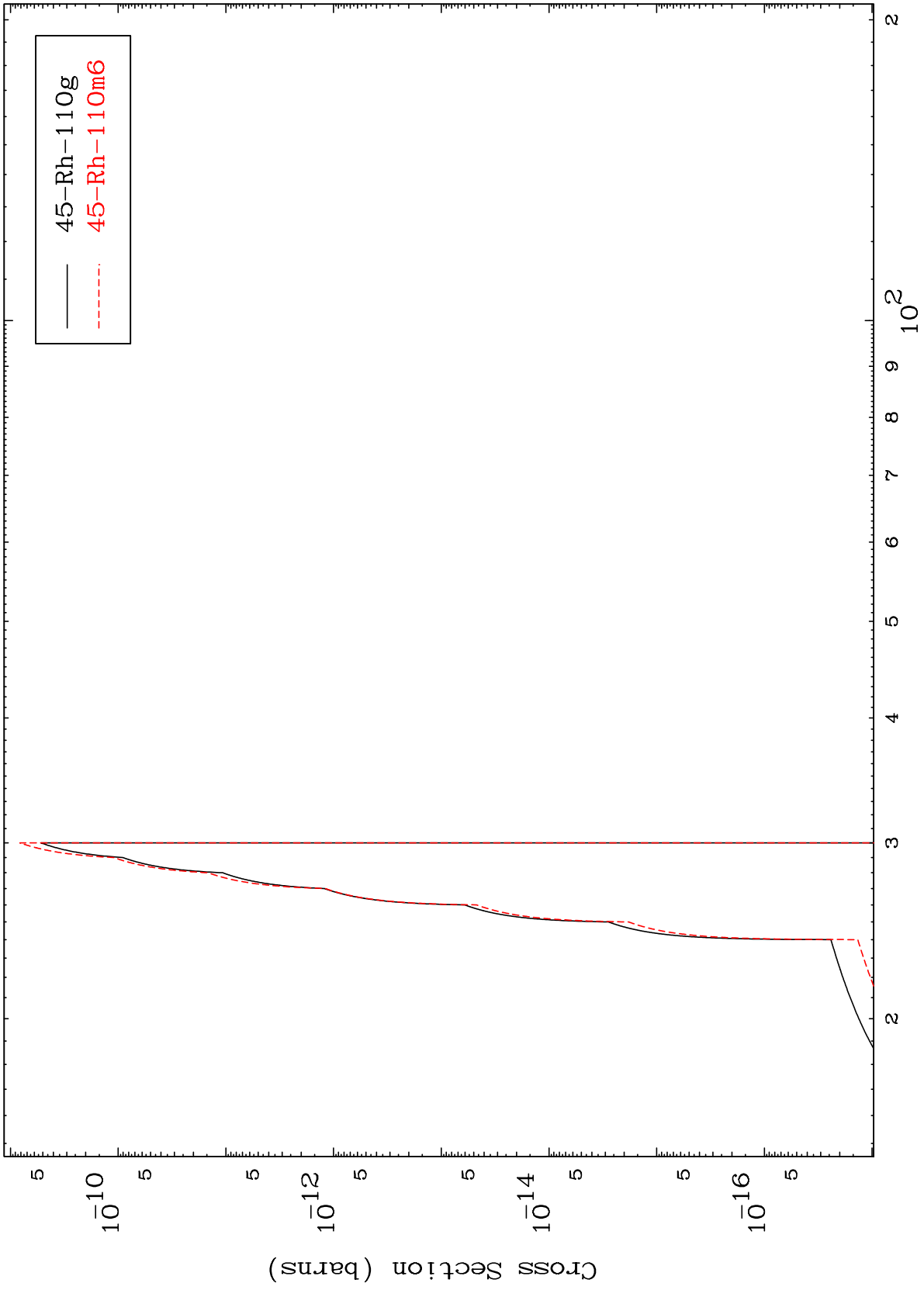
48-Cd-115

MAT 4852

(n,n') p α

48-Cd-115

Radionuclide Production Cross Section



134

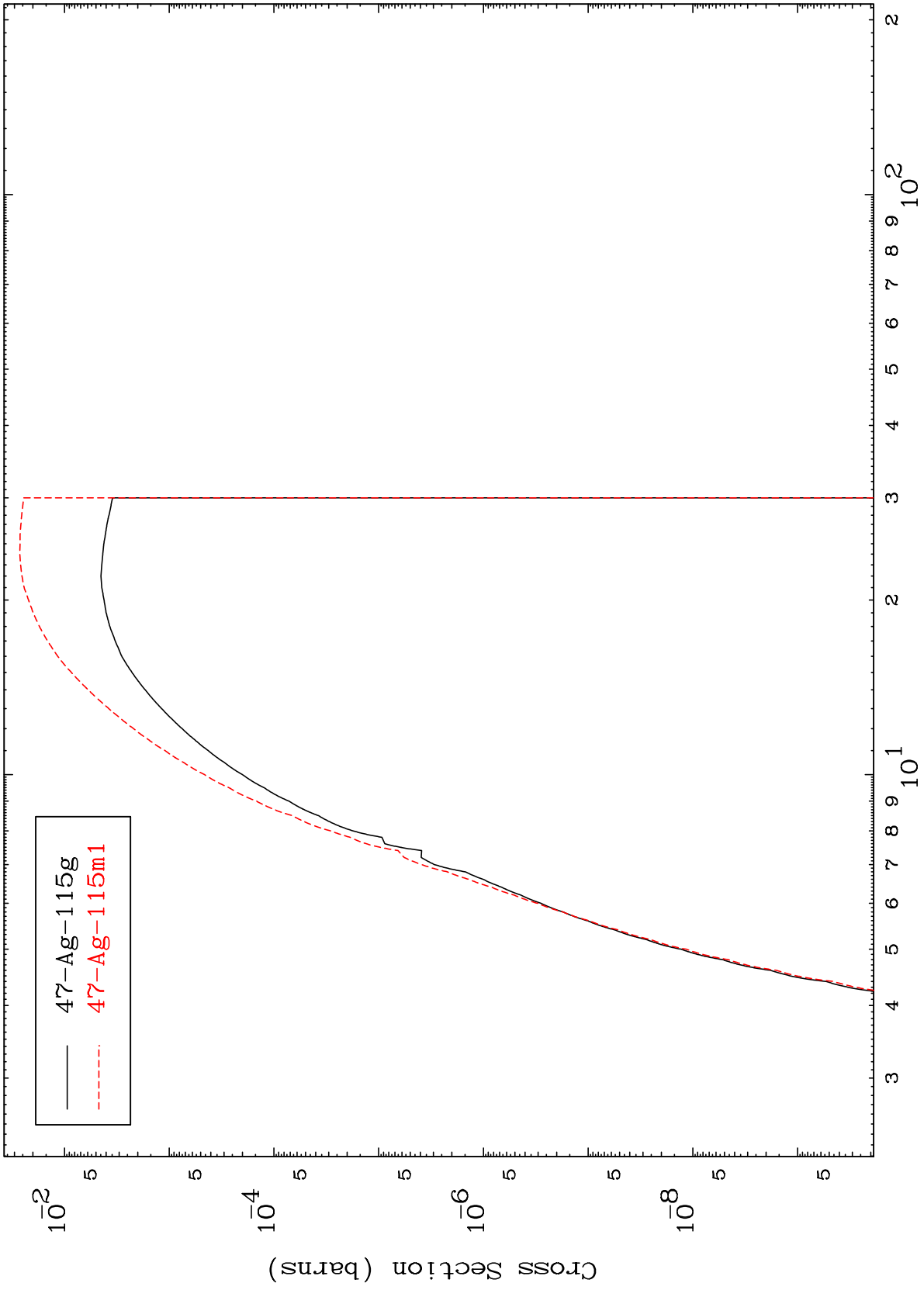
Incident Energy (MeV)

48-Cd-115

MAT 4852

48-Cd-115

(n,p)
Radionuclide Production Cross Section



135

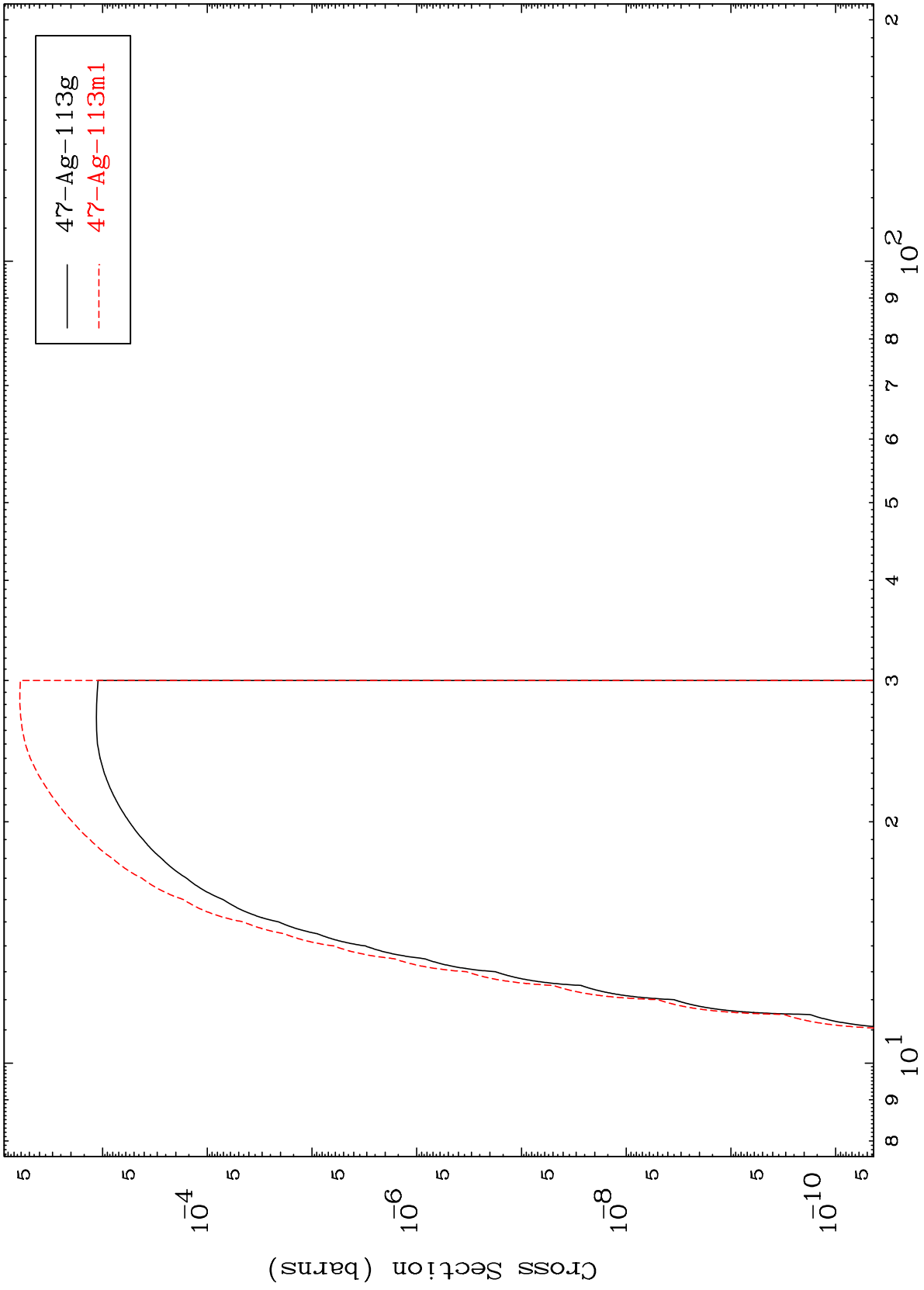
Incident Energy (MeV)

48-Cd-115

MAT 4852

48-Cd-115

(n, t)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

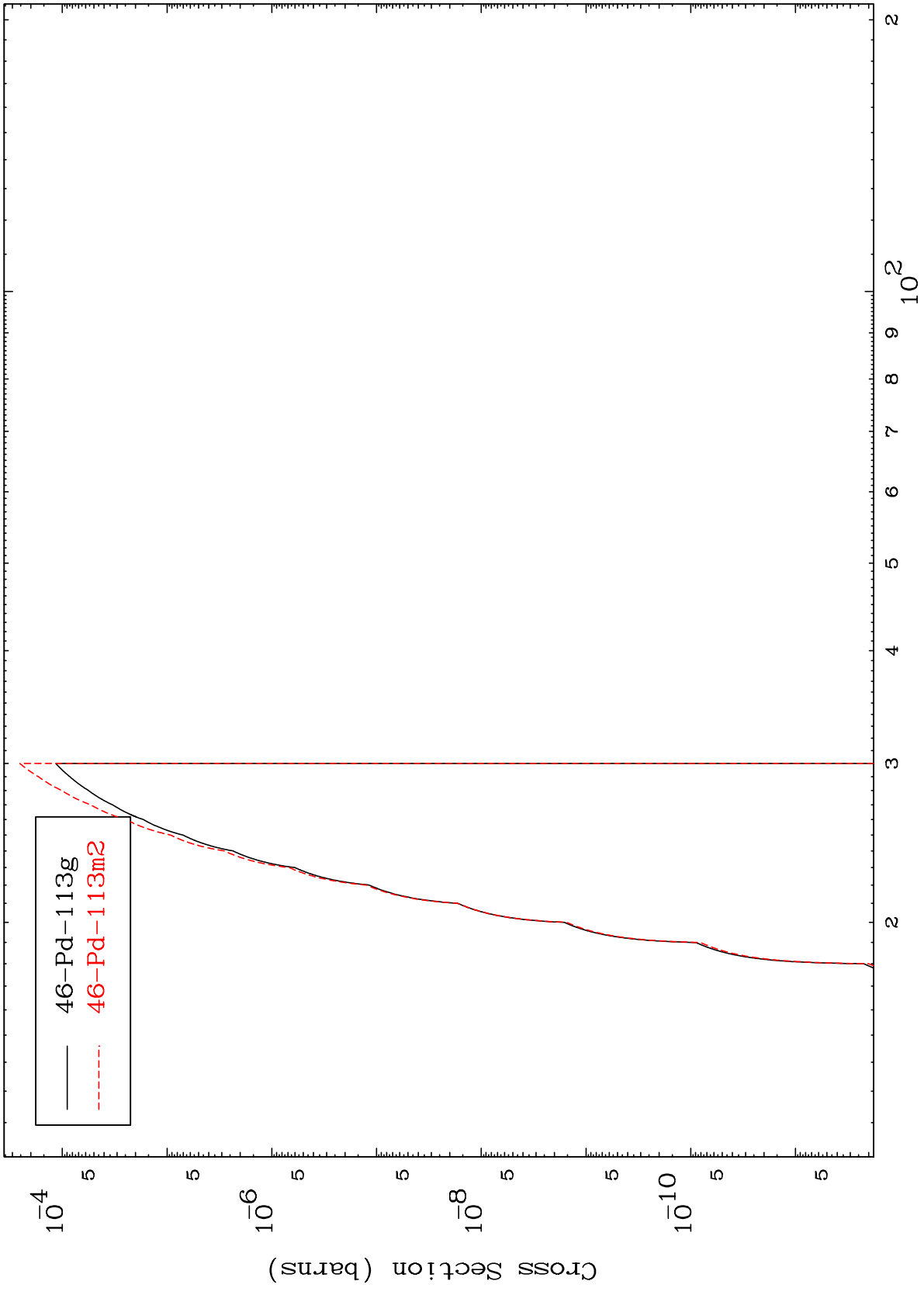
48-Cd-115

MAT 4852

(n, He-3)

48-Cd-115

Radionuclide Production Cross Section



137

Incident Energy (MeV)

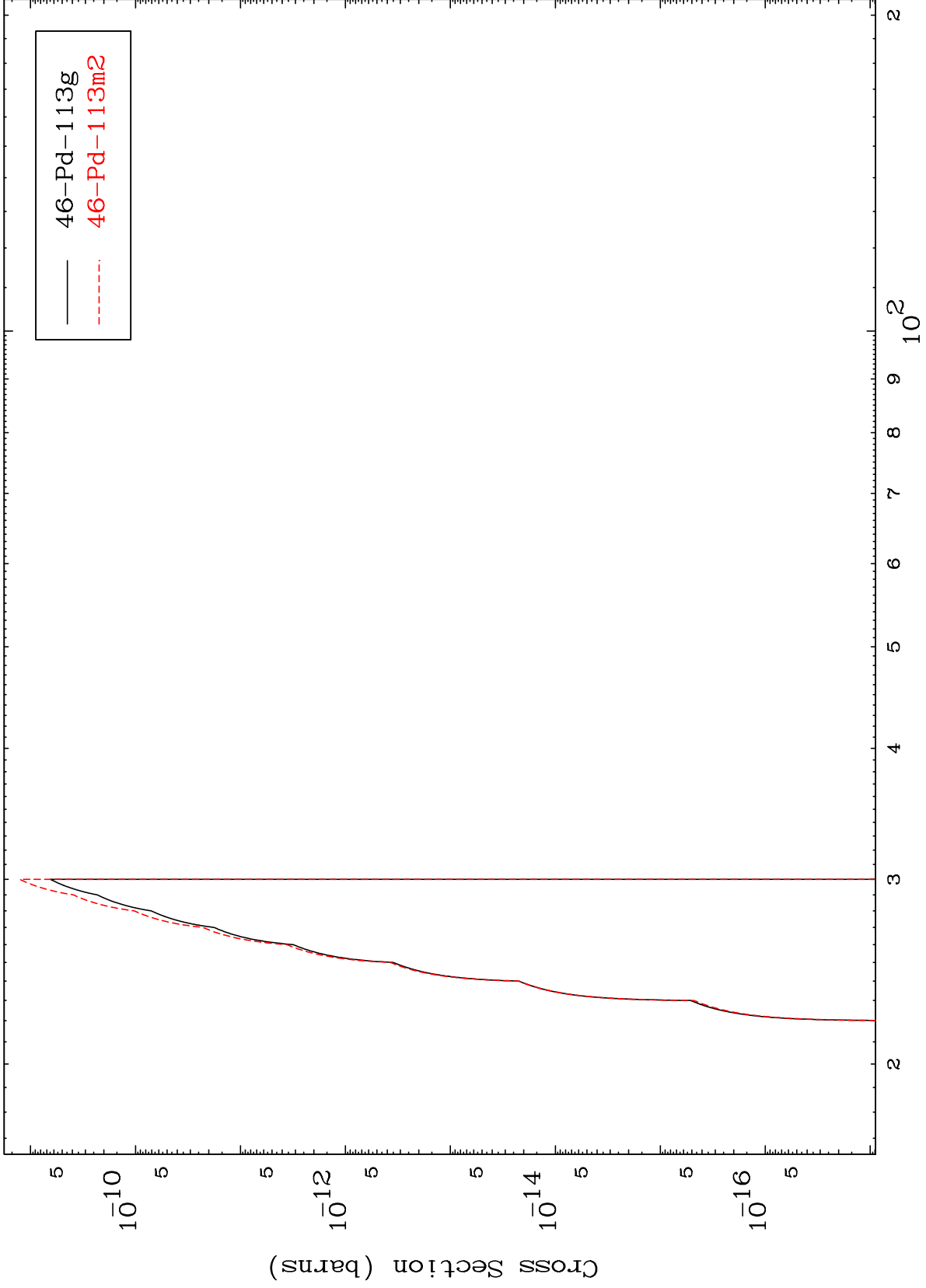
48-Cd-115

MAT 4852

(n,p) d

48-Cd-115

Radionuclide Production Cross Section



138

Incident Energy (MeV)

48-Cd-115