

Program EVALPLOT
(Version 2018-1)

by

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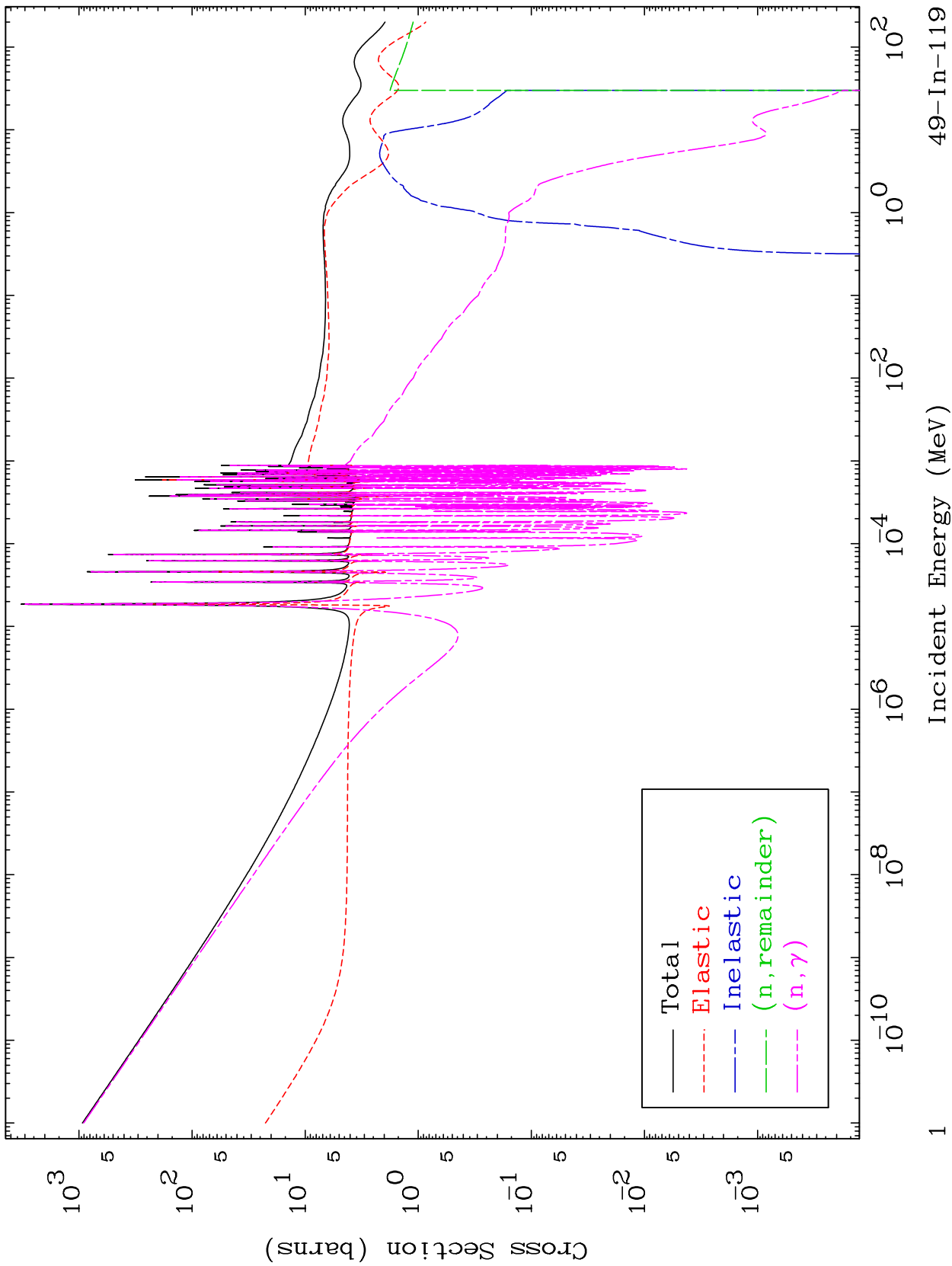
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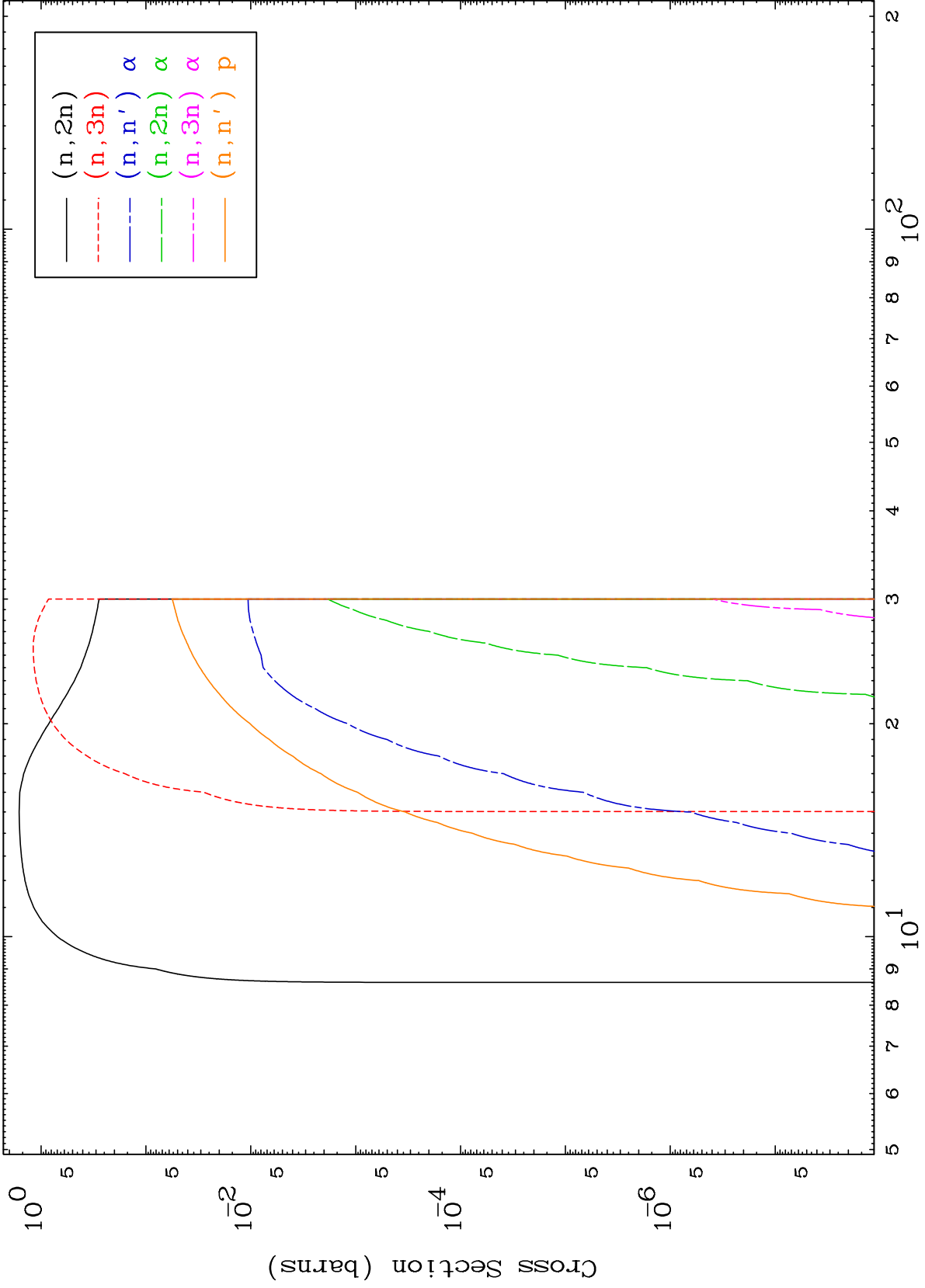
MAT 4943

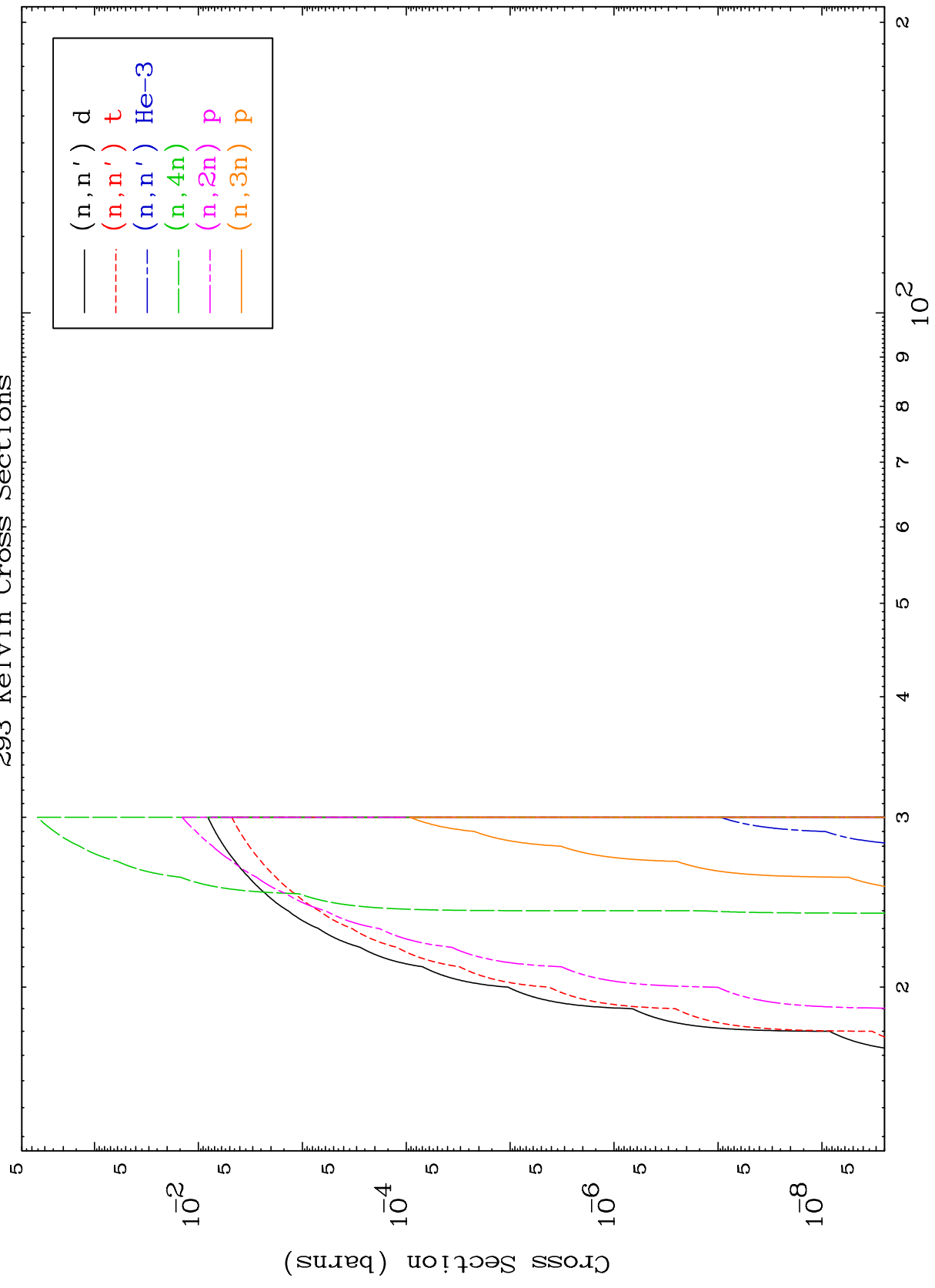
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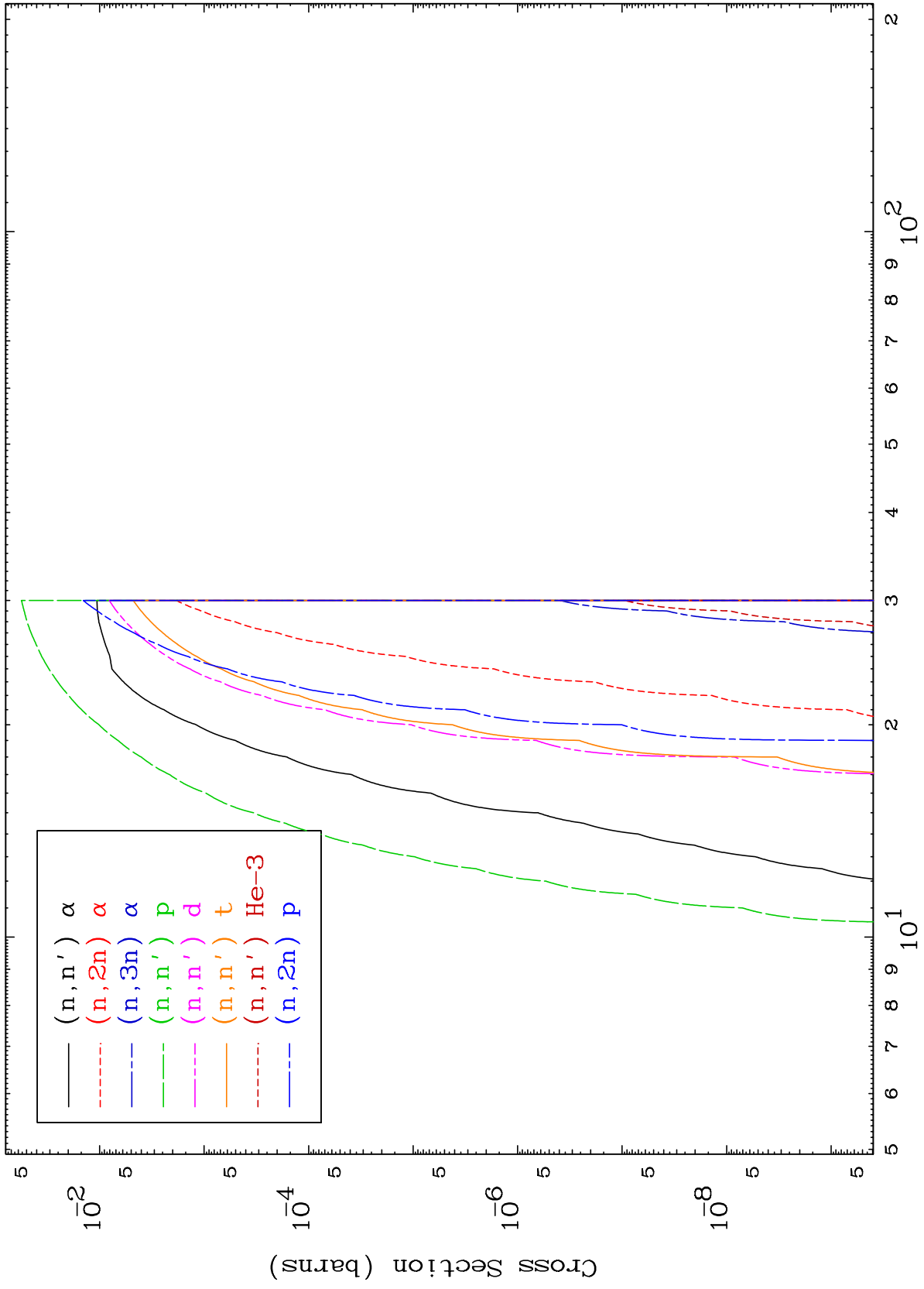
293 Kelvin Cross Sections

49-In-119





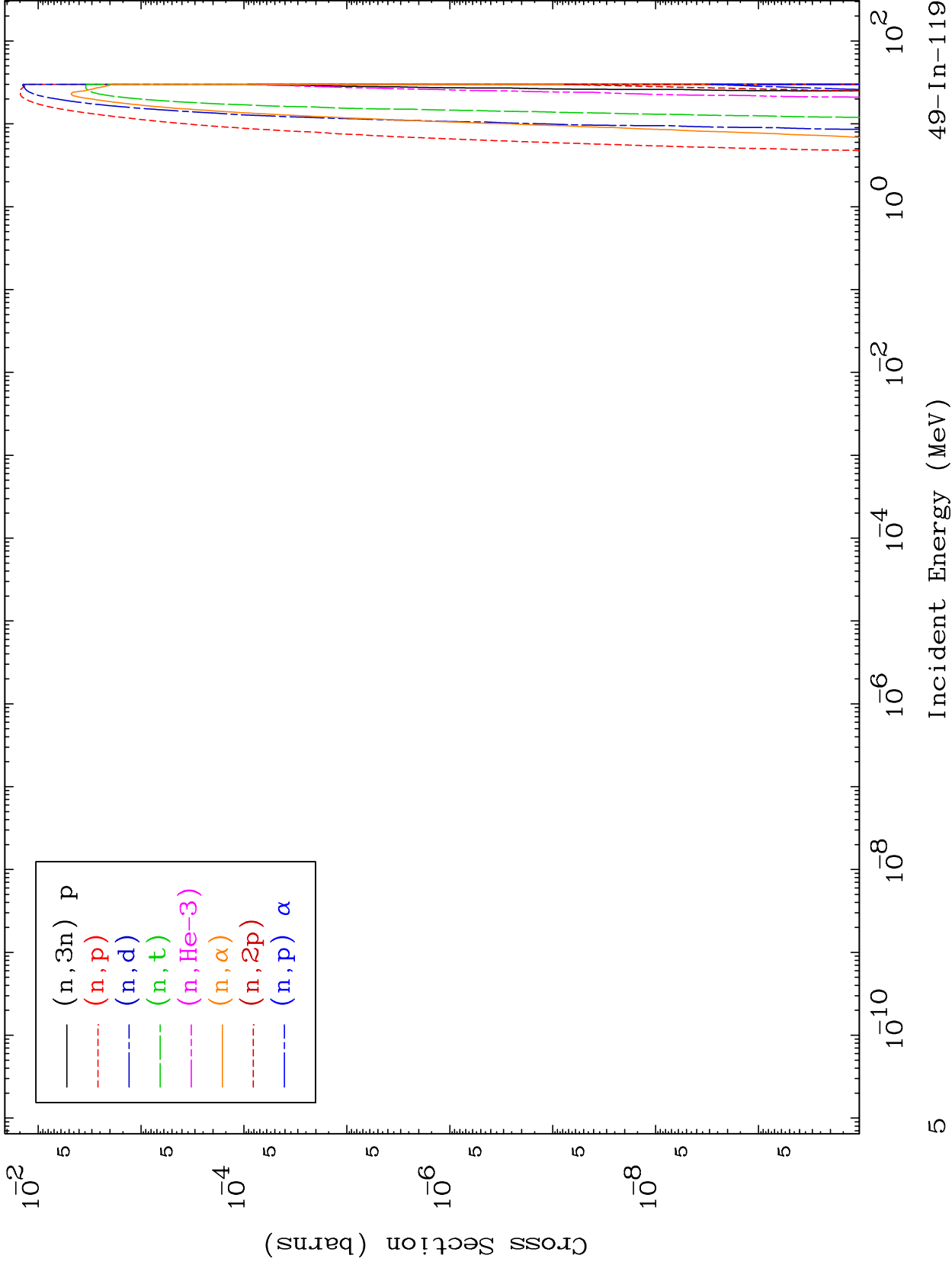




MAT 4943

Charged Particle
293 Kelvin Cross Sections

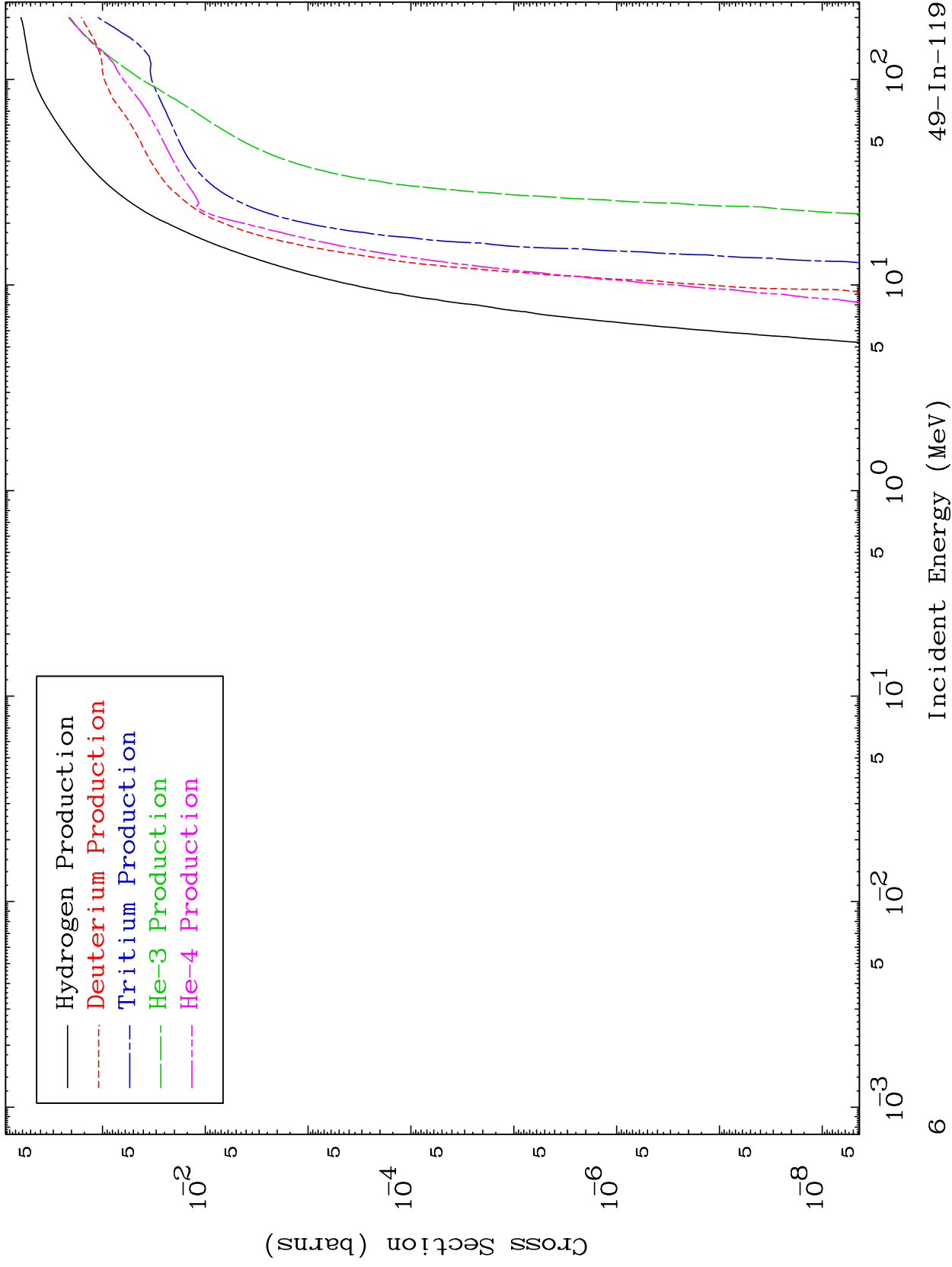
49-In-119



MAT 4943

Particle Production
293 Kelvin Cross Sections

49-In-119

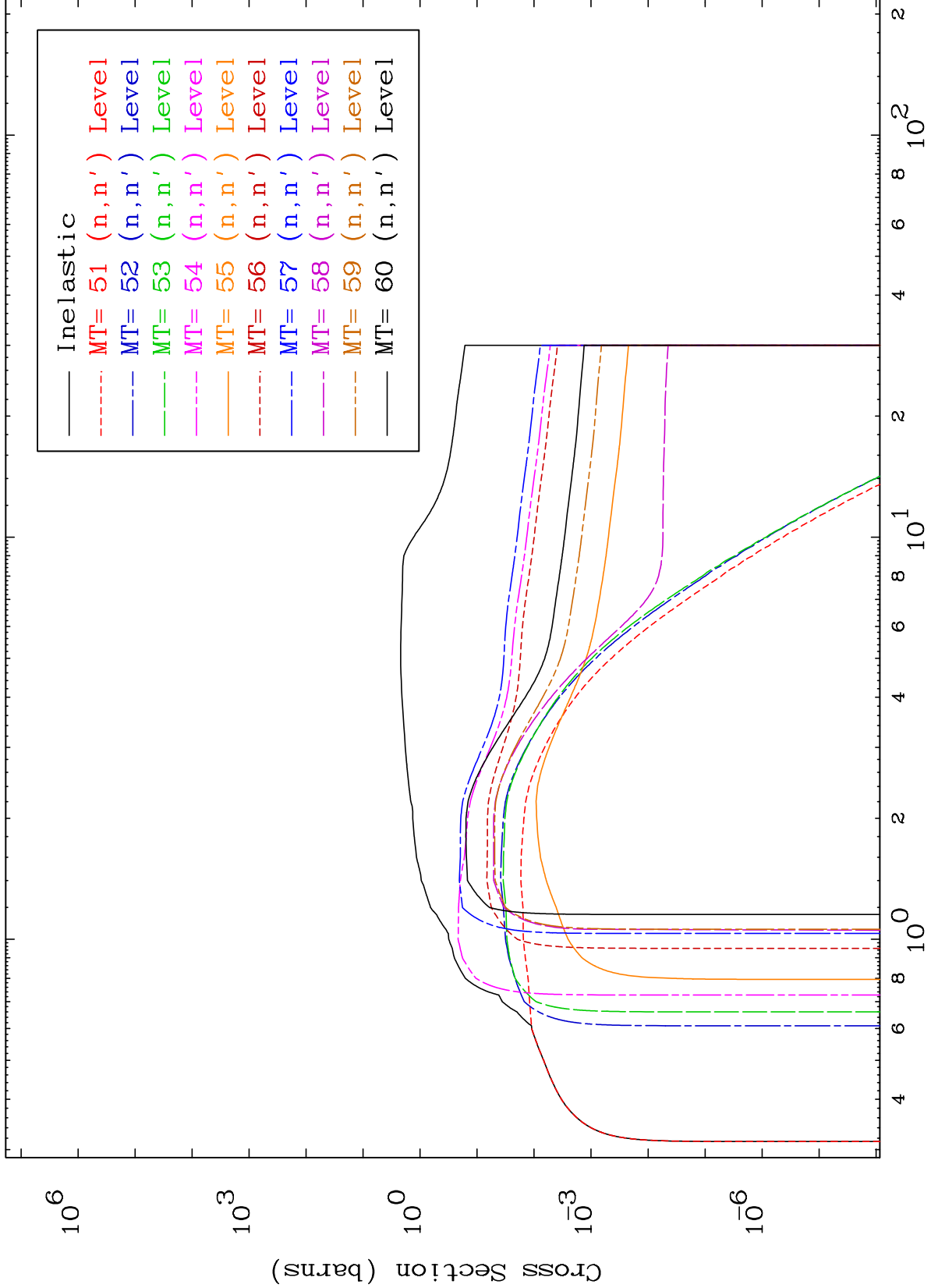


MAT 4943

(n,n') Level

49-In-119

293 Kelvin Cross Sections

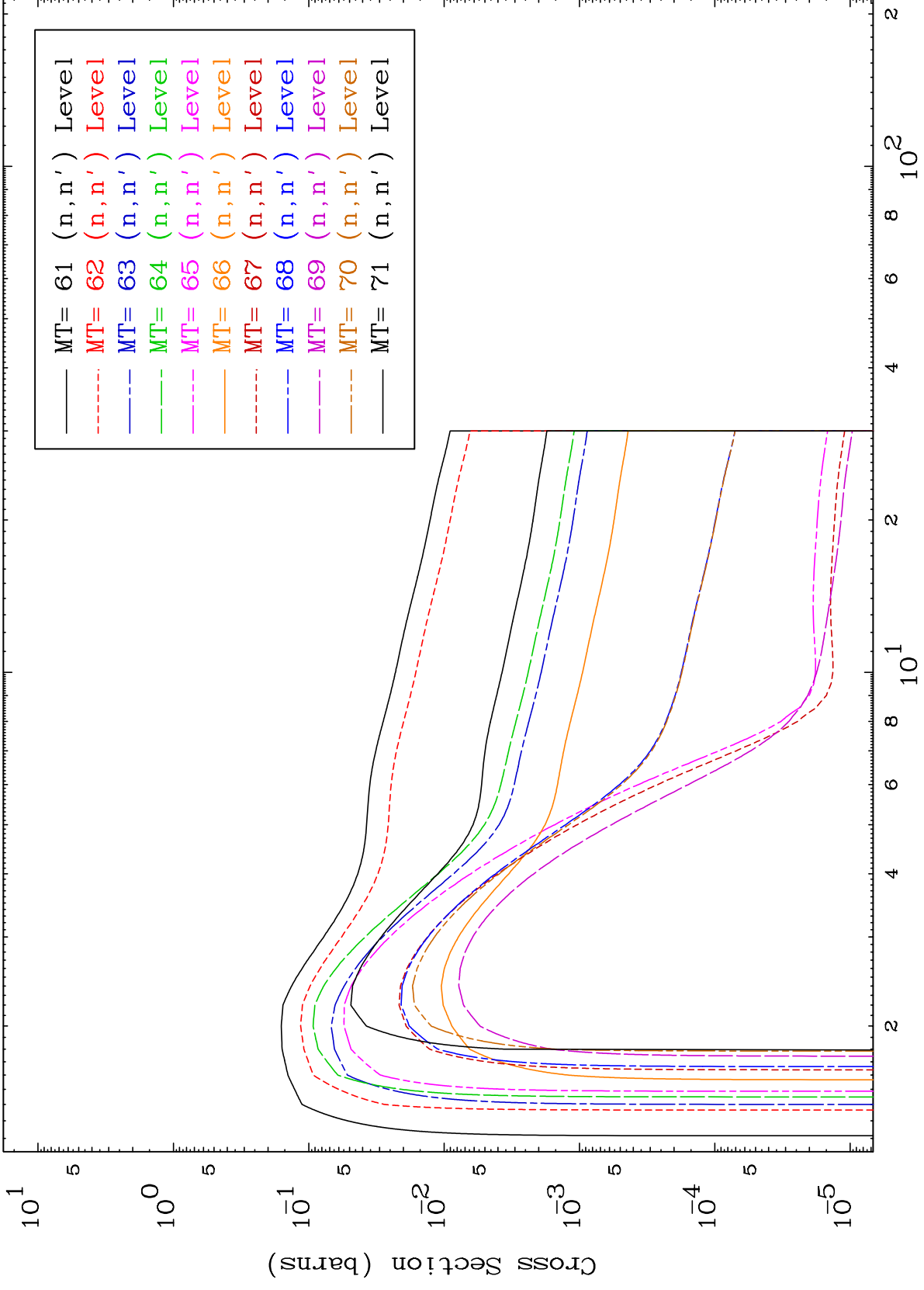


MAT 4943

(n,n') Level

49-In-119

293 Kelvin Cross Sections

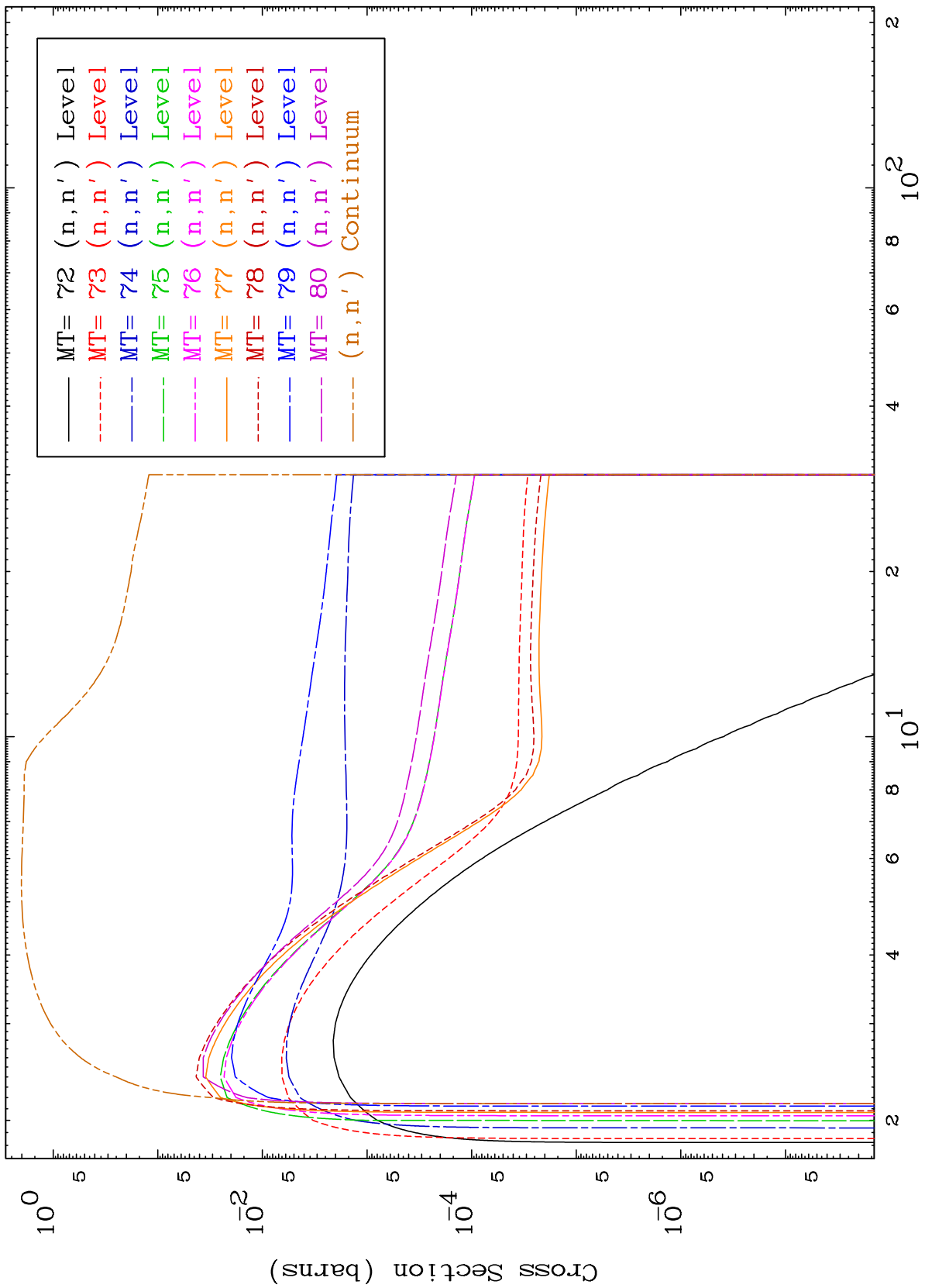


8

Incident Energy (MeV)

49-In-119

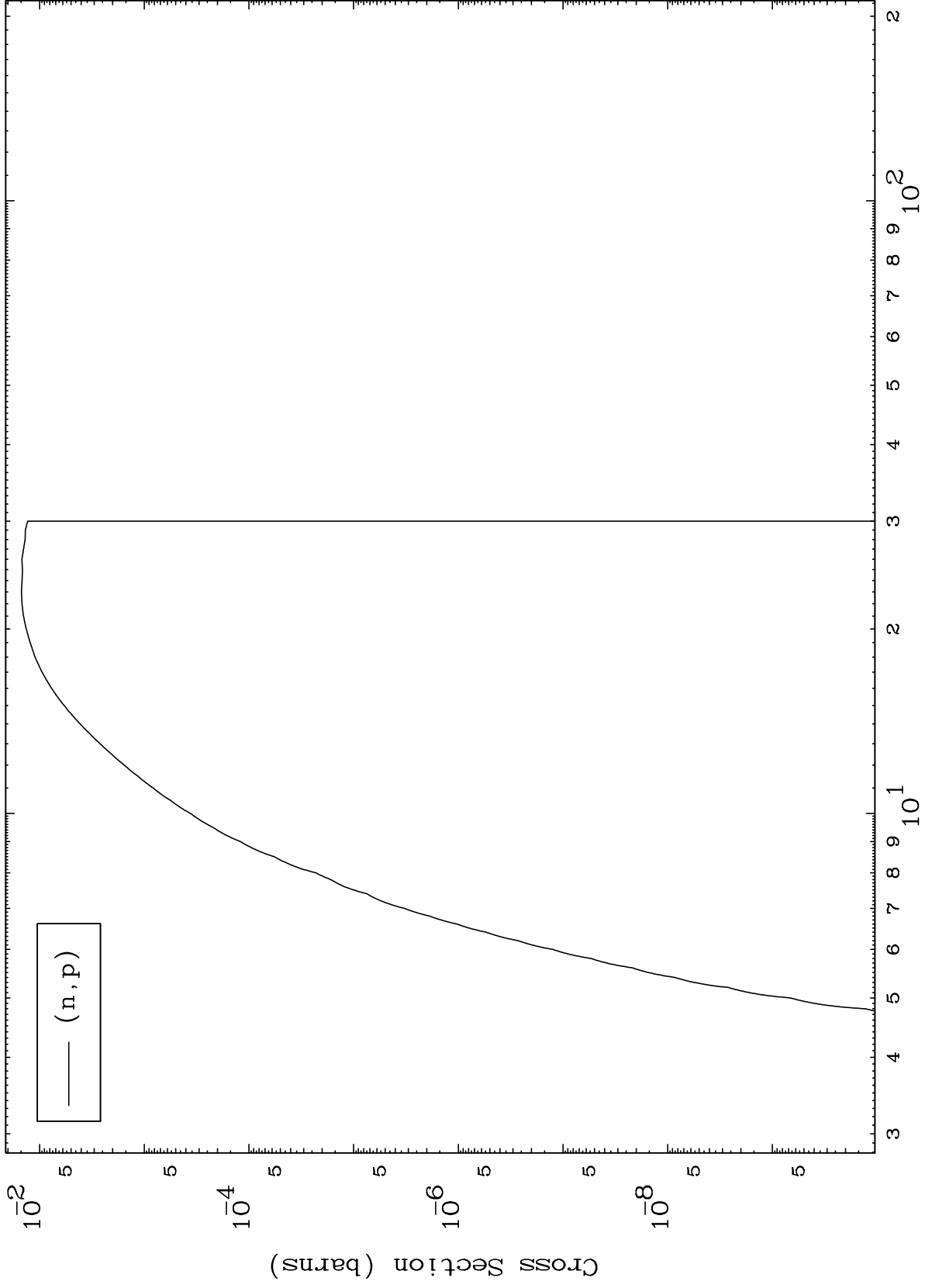
293 Kelvin Cross Sections



MAT 4943

(n,p) Levels
293 Kelvin Cross Sections

49-In-119



10

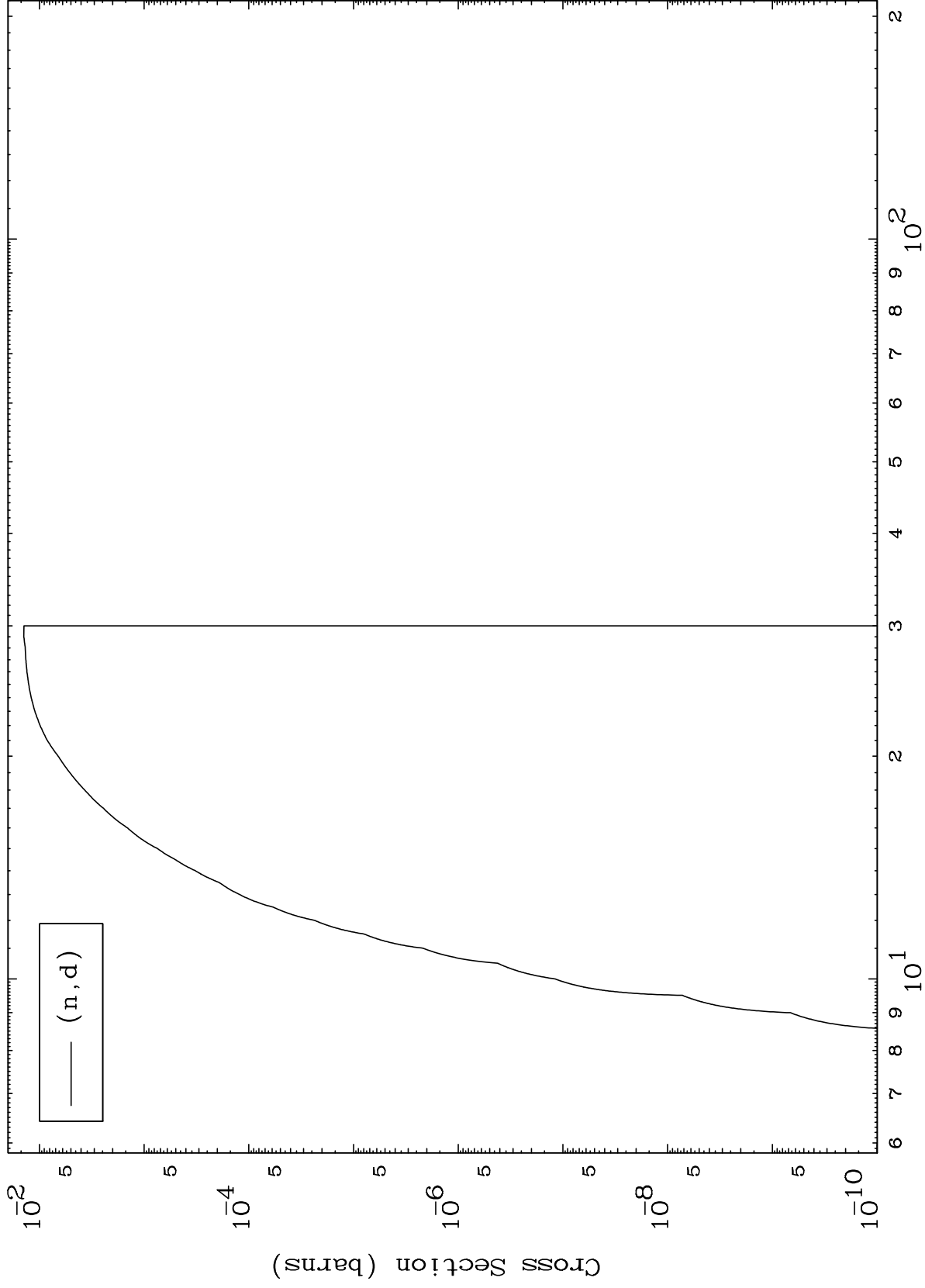
Incident Energy (MeV)

49-In-119

MAT 4943

(n,d) Levels
293 Kelvin Cross Sections

49-In-119



11

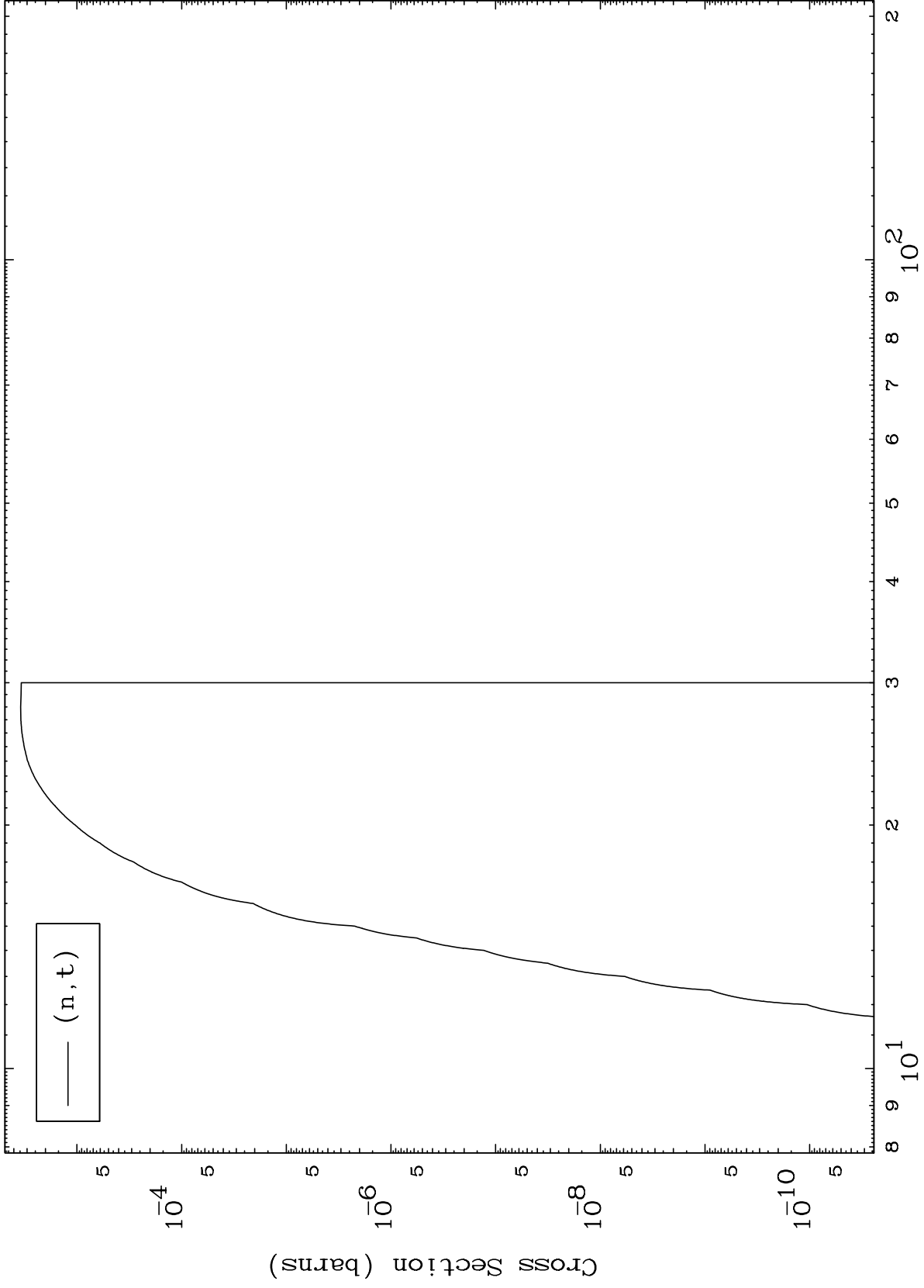
Incident Energy (MeV)

49-In-119

MAT 4943

(n,t) Levels
293 Kelvin Cross Sections

49-In-119



12

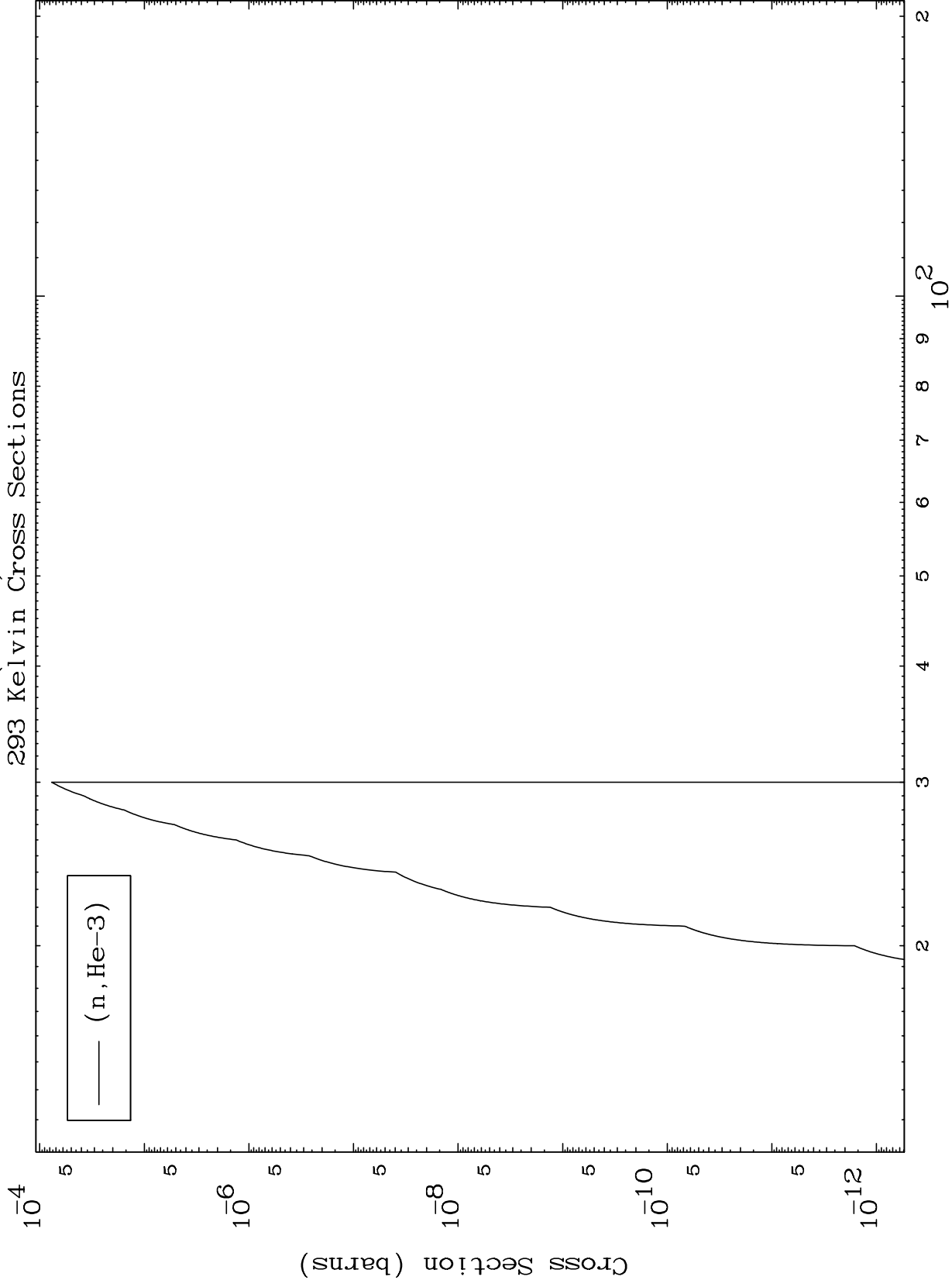
Incident Energy (MeV)

49-In-119

MAT 4943

(n,He3) Levels
293 Kelvin Cross Sections

49-In-119



13

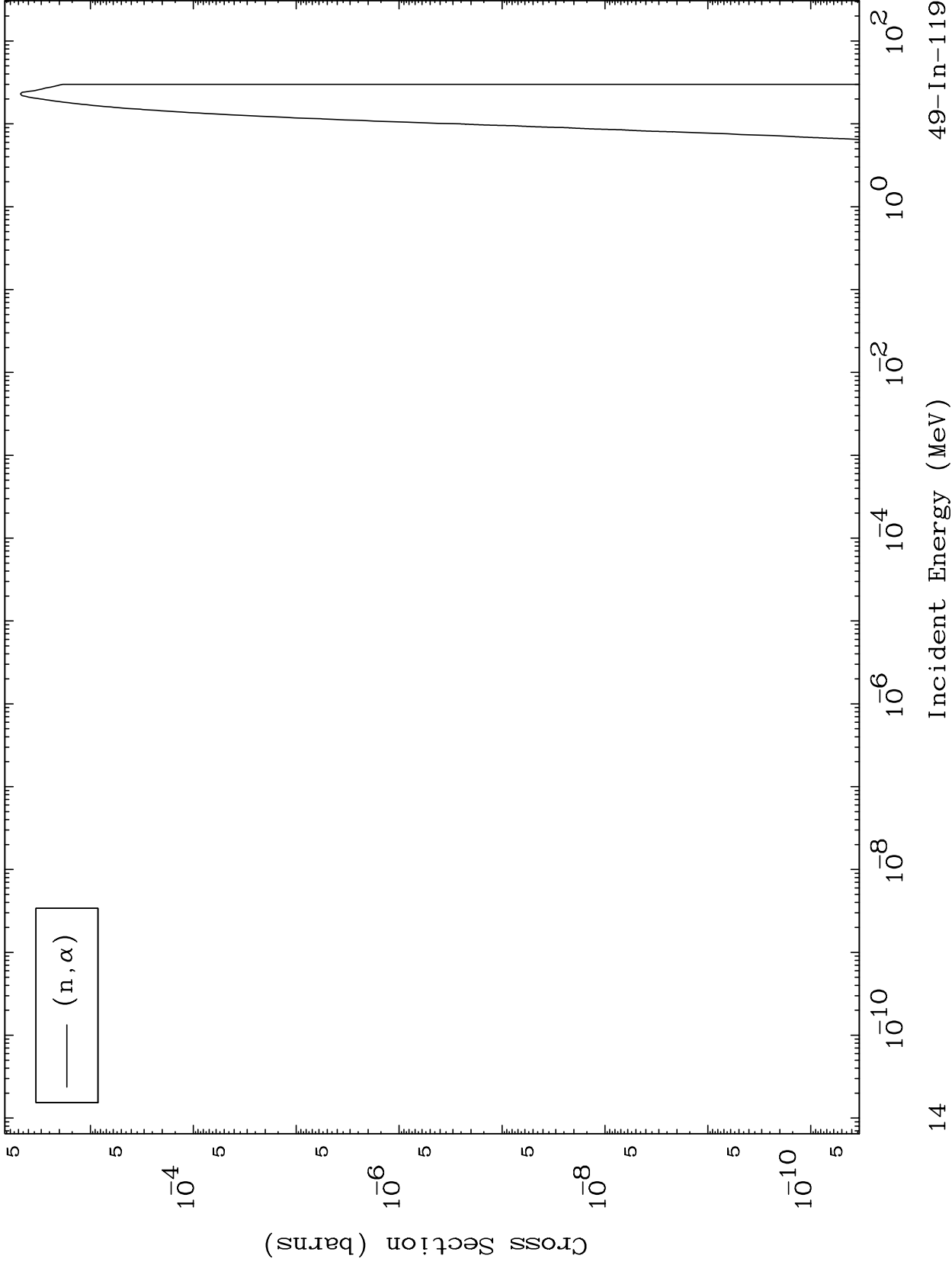
Incident Energy (MeV)

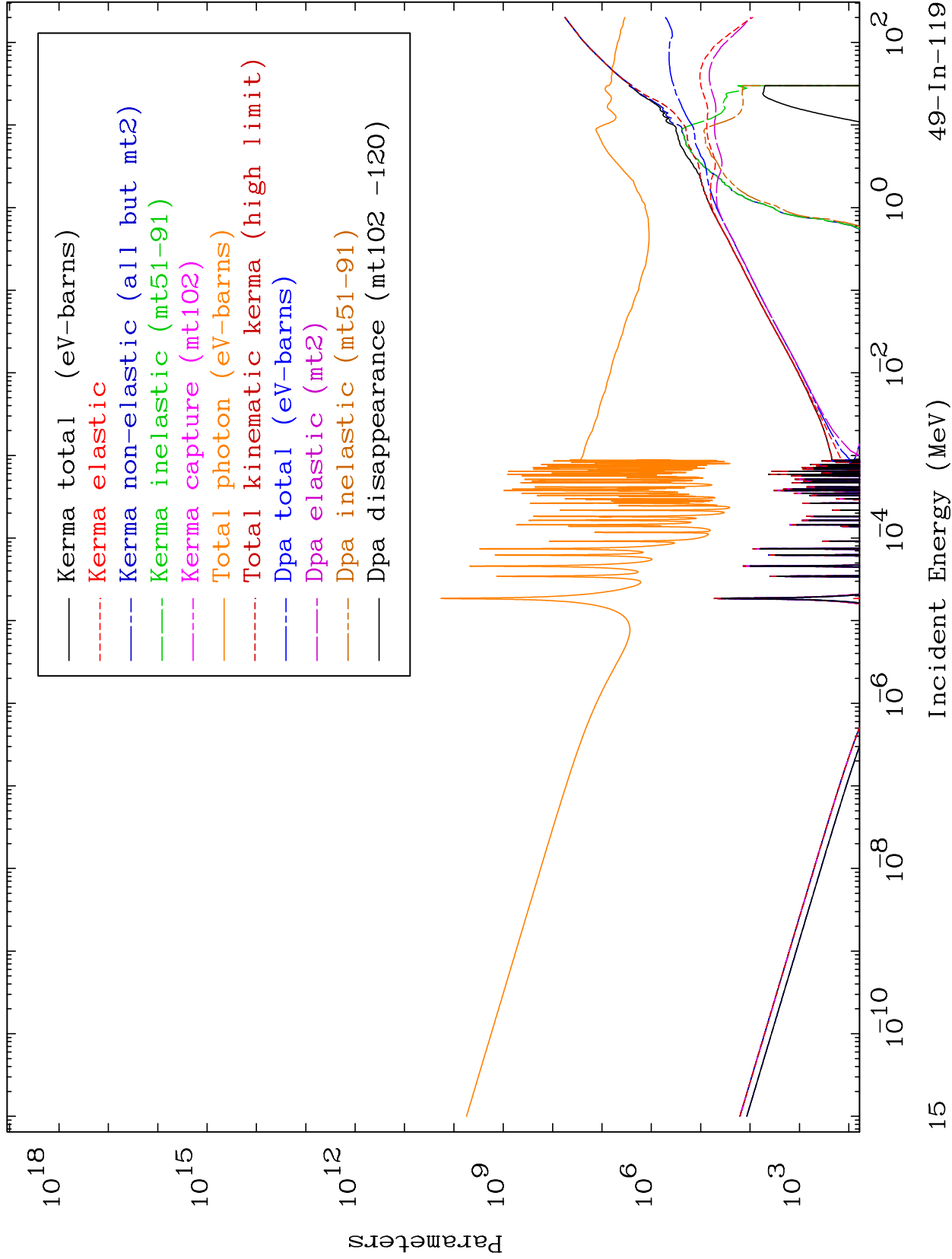
49-In-119

MAT 4943

(n, α) Levels
293 Kelvin Cross Sections

49-In-119

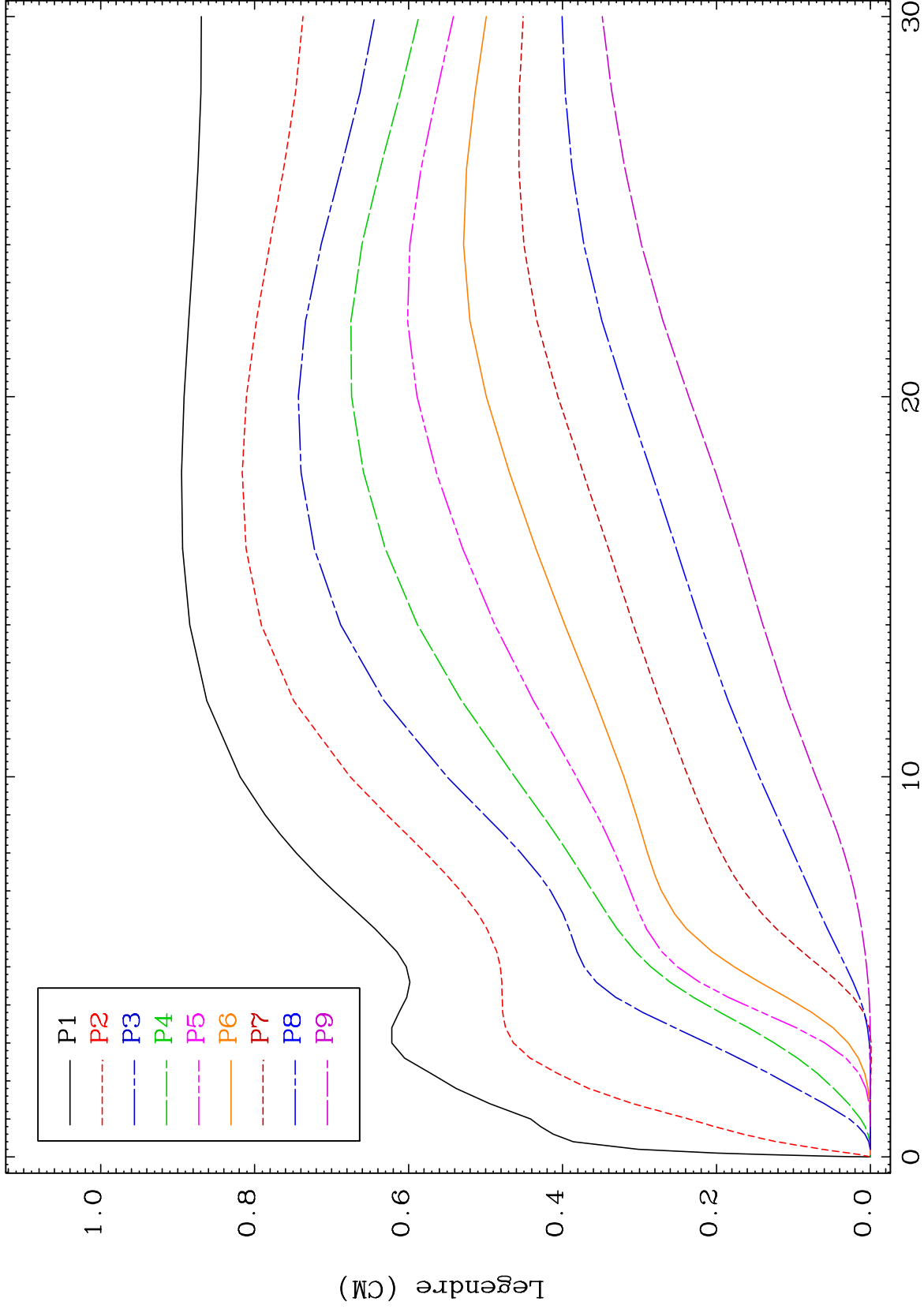




MAT 4943

Elastic Legendre Coefficients

49-In-119



16

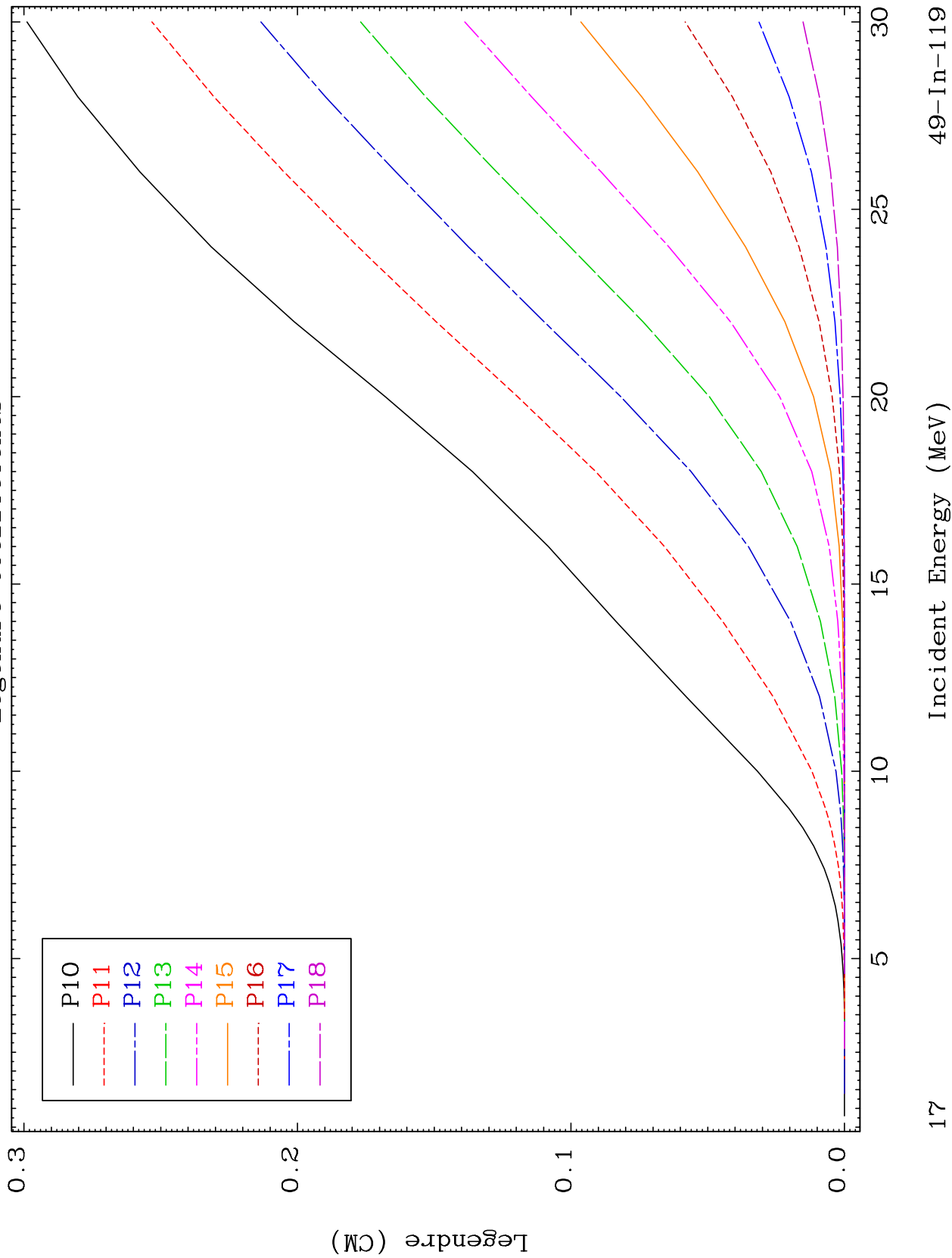
Incident Energy (MeV)

49-In-119

MAT 4943

Elastic Legendre Coefficients

49-In-119

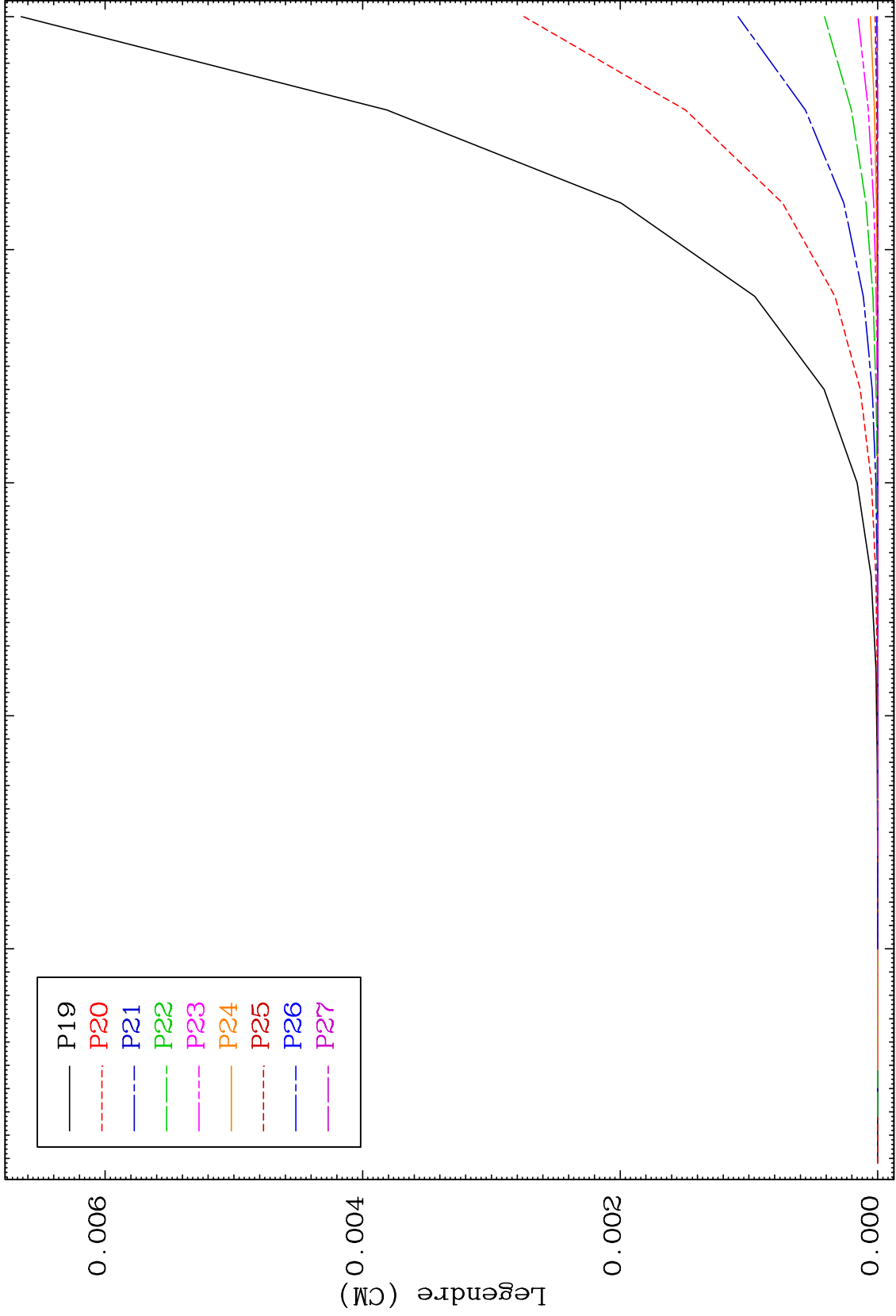


17

MAT 4943

Elastic Legendre Coefficients

49-In-119



18

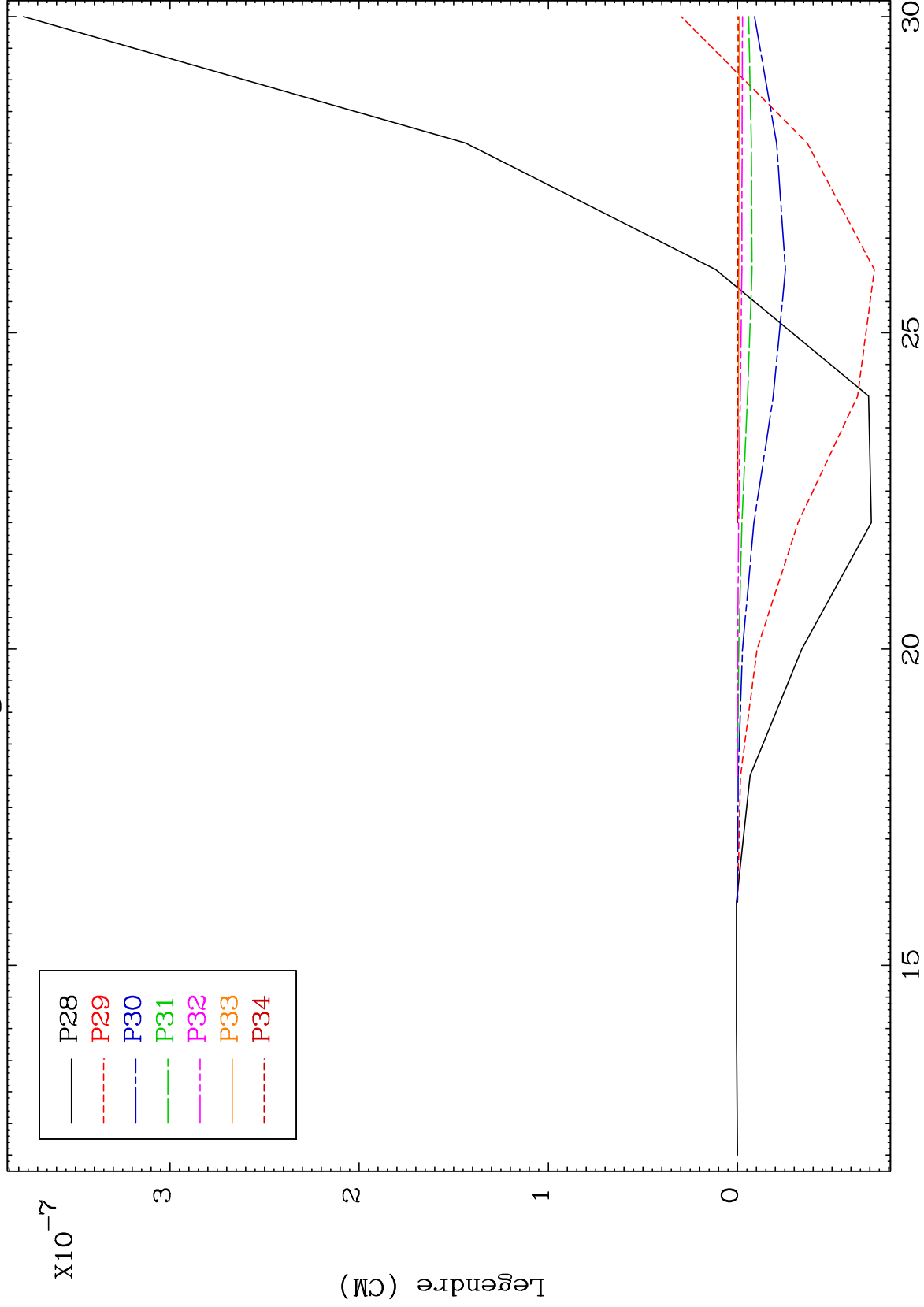
Incident Energy (MeV)

49-In-119

MAT 4943

Elastic
Legendre Coefficients

49-In-119



19

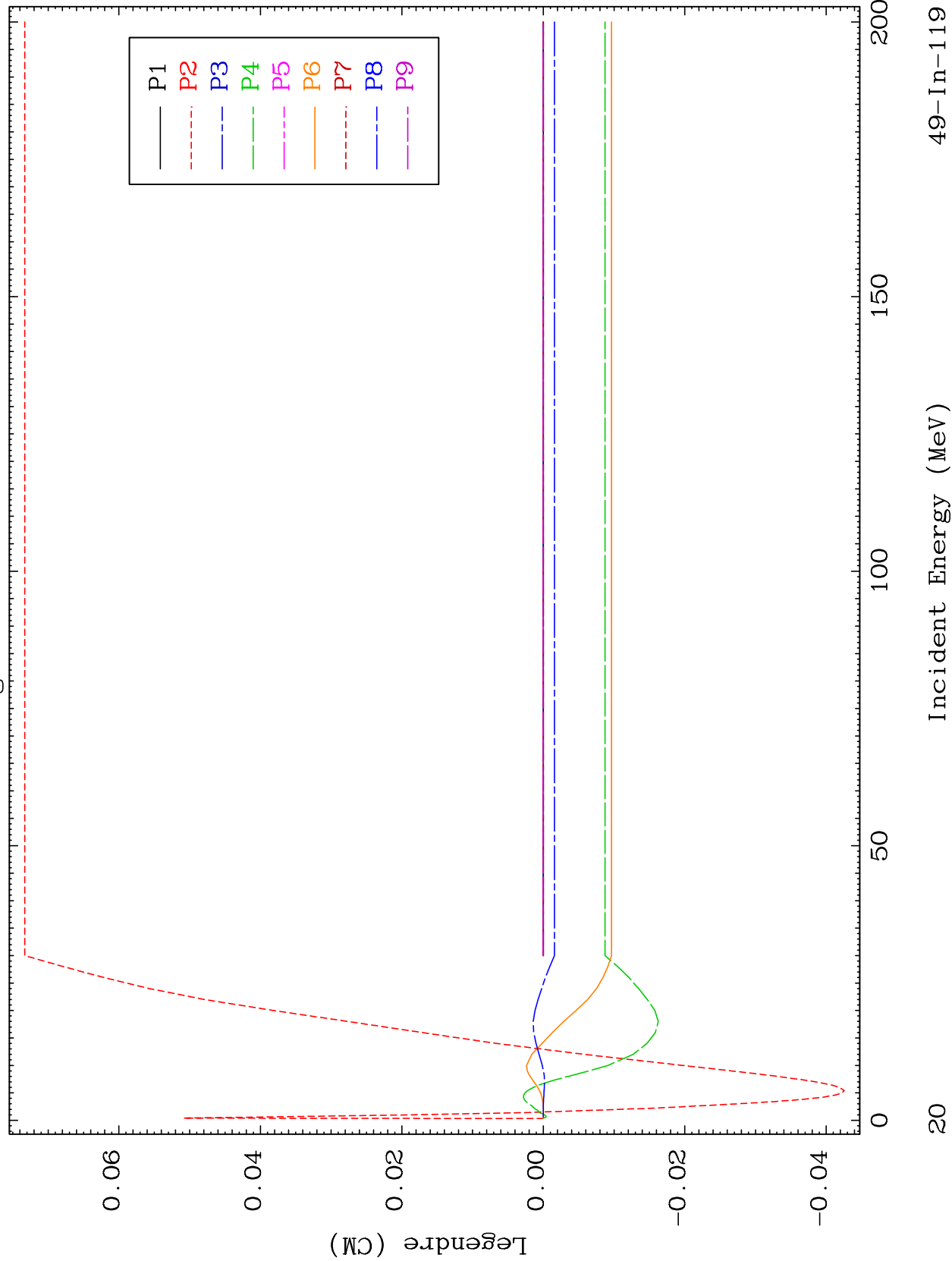
Incident Energy (MeV)

49-In-119

MAT 4943

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

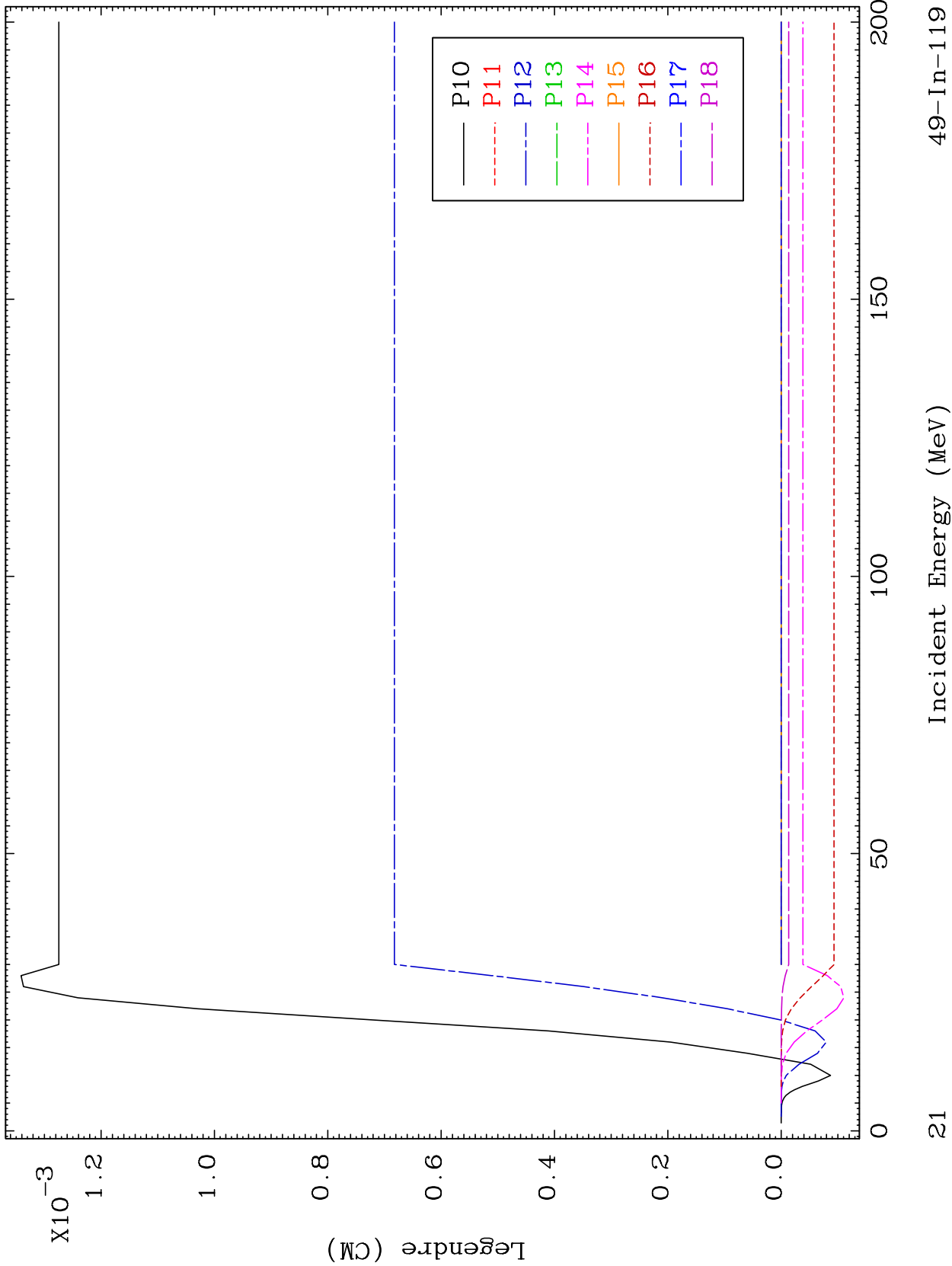
49-In-119



49-In-119

Incident Energy (MeV)

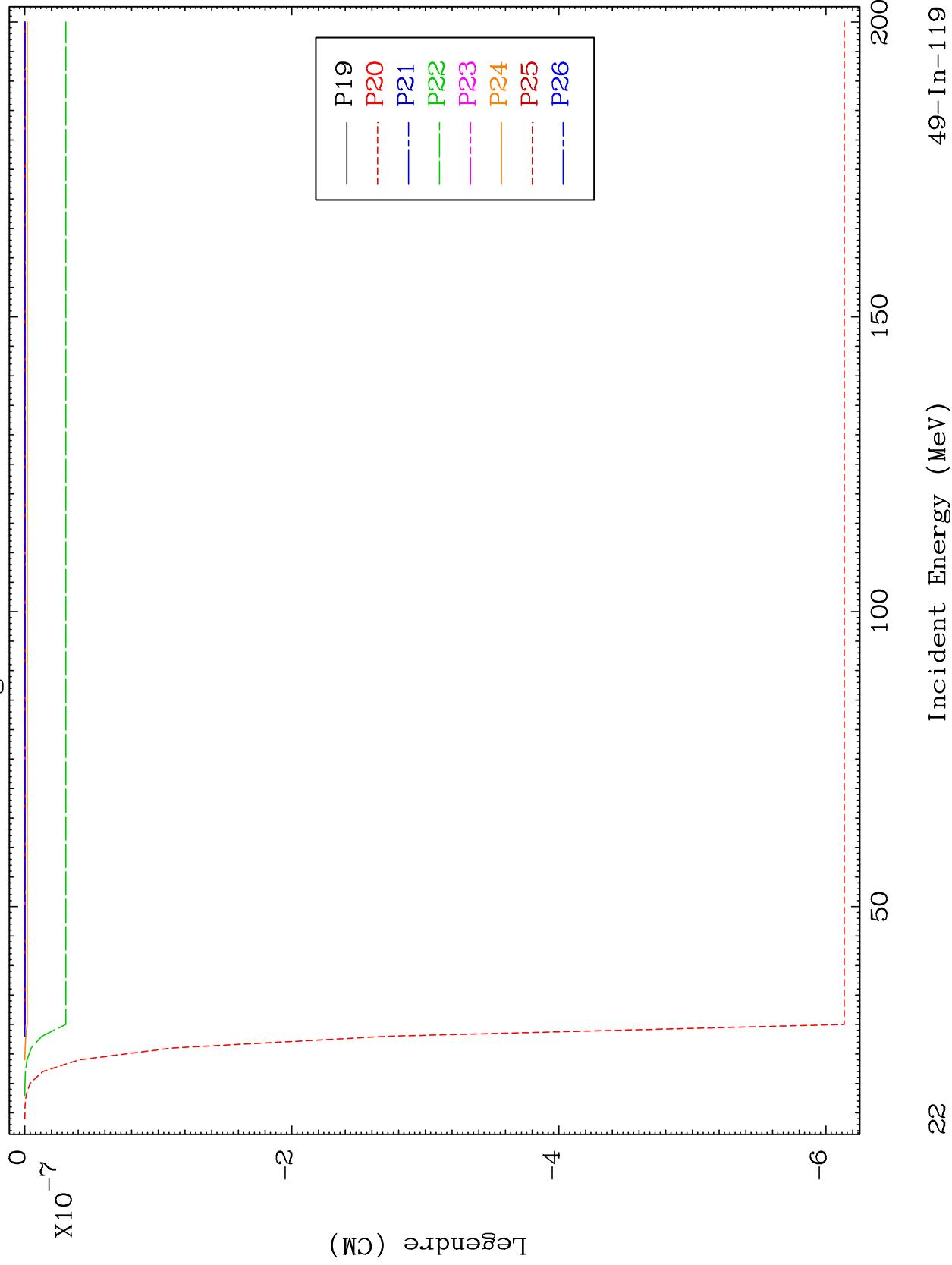
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MAT 4943

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

49-In-119



22

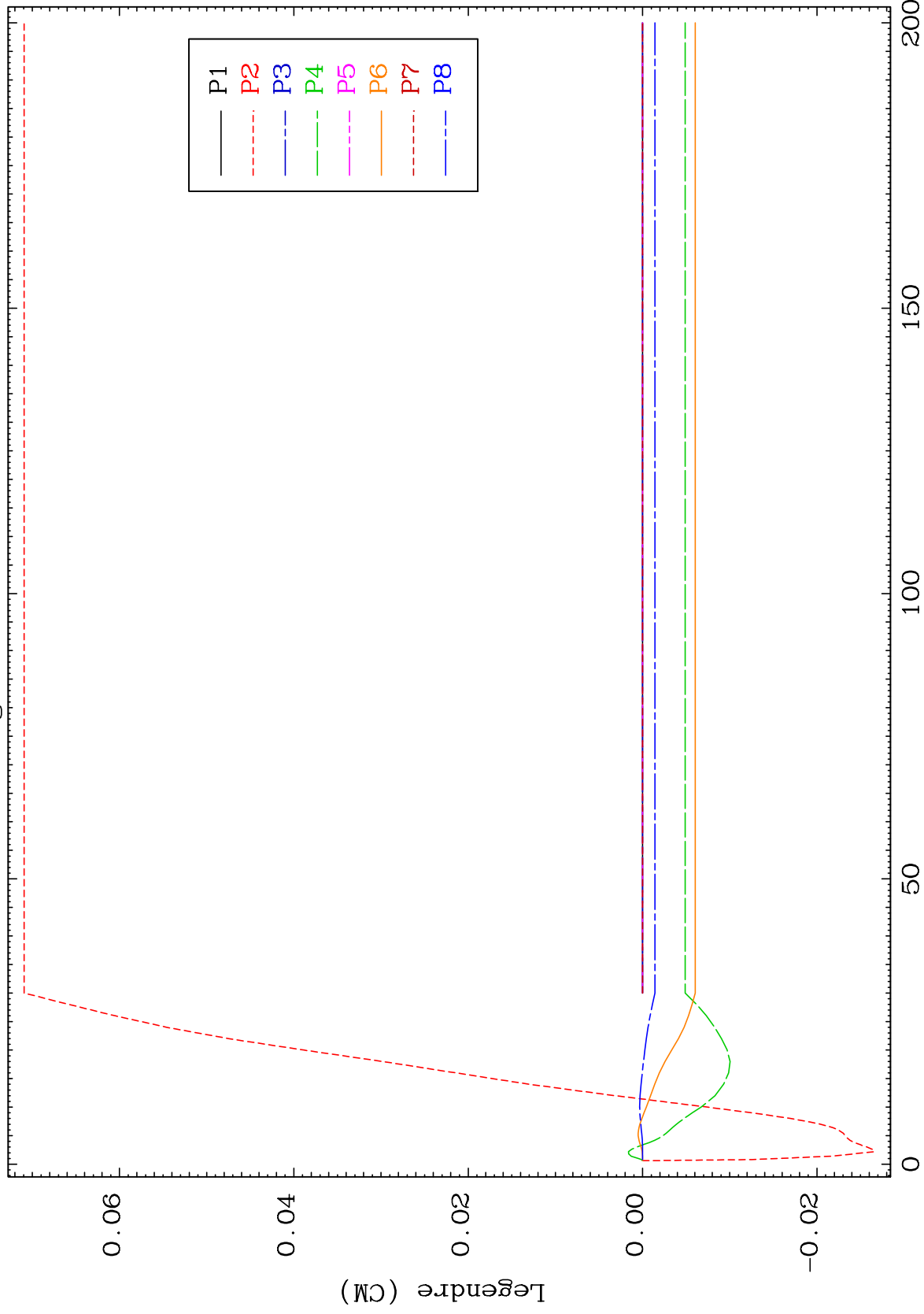
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



23

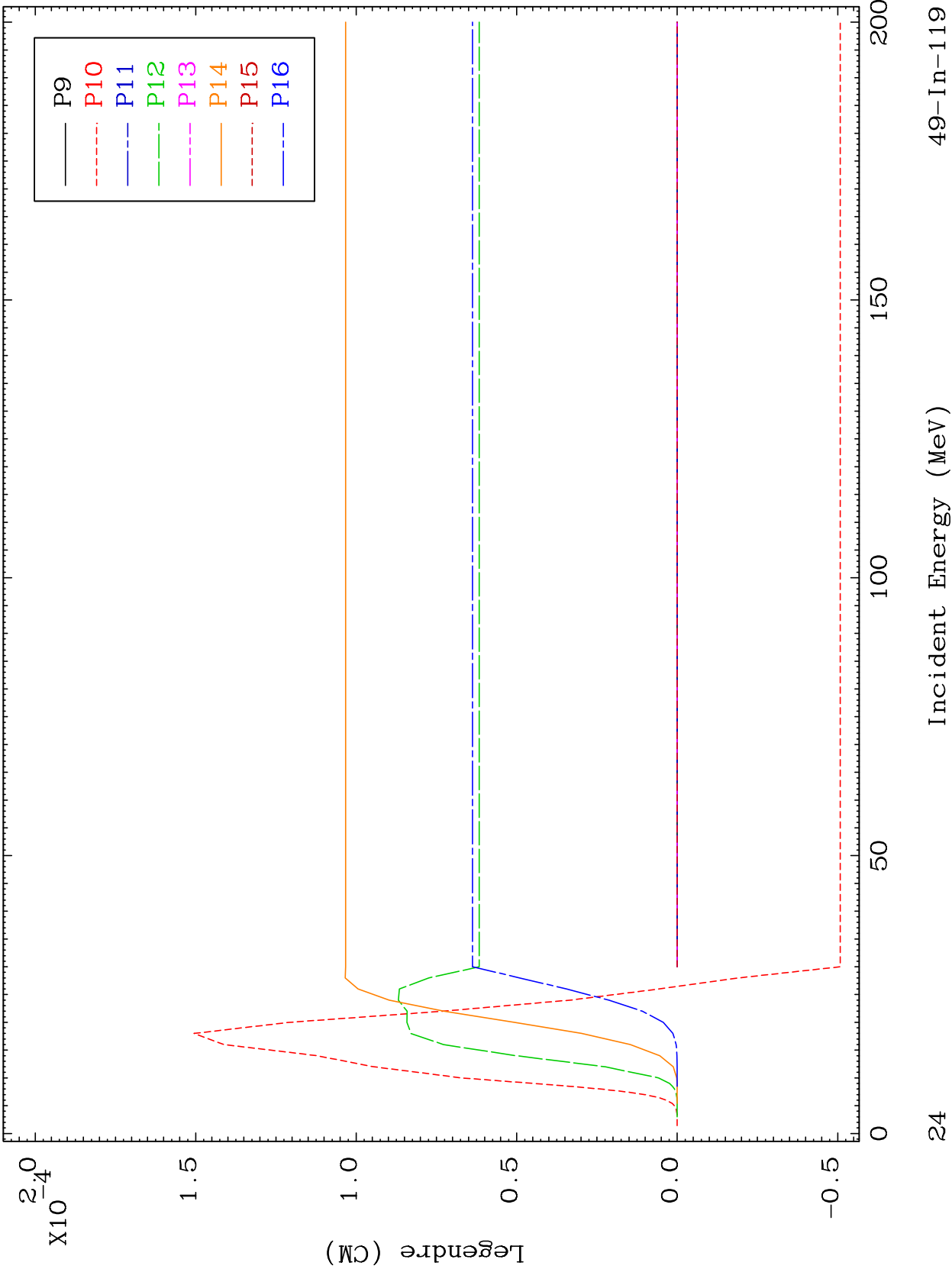
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



24

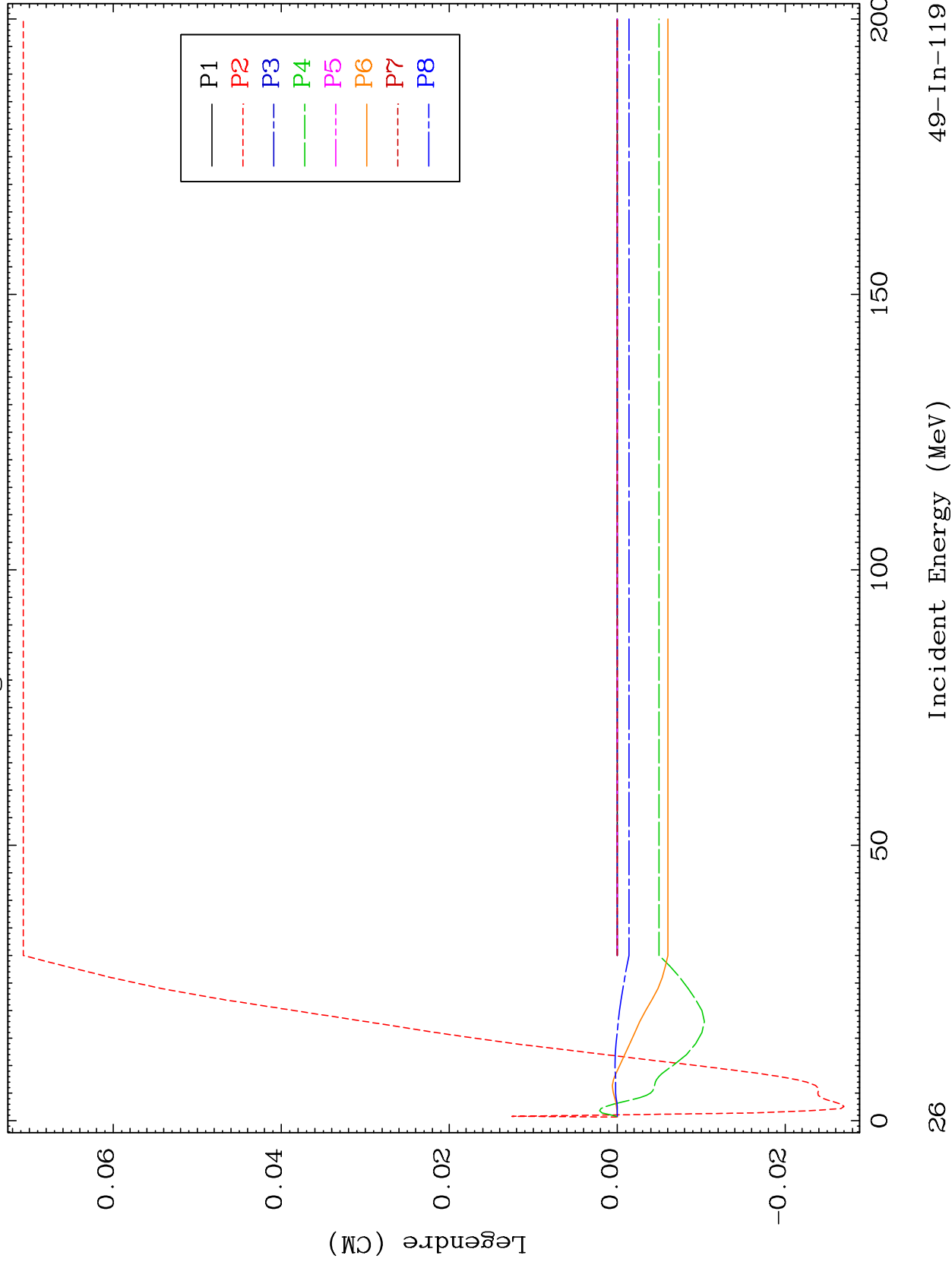
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



49-In-119

Incident Energy (MeV)

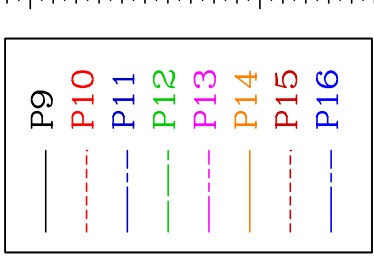
26

MAT 4943

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

49-In-119

$\times 10^{-40}$



1.5

1.0

0.5

0.0

Legendre (CM)

0

50

100

150

200

27

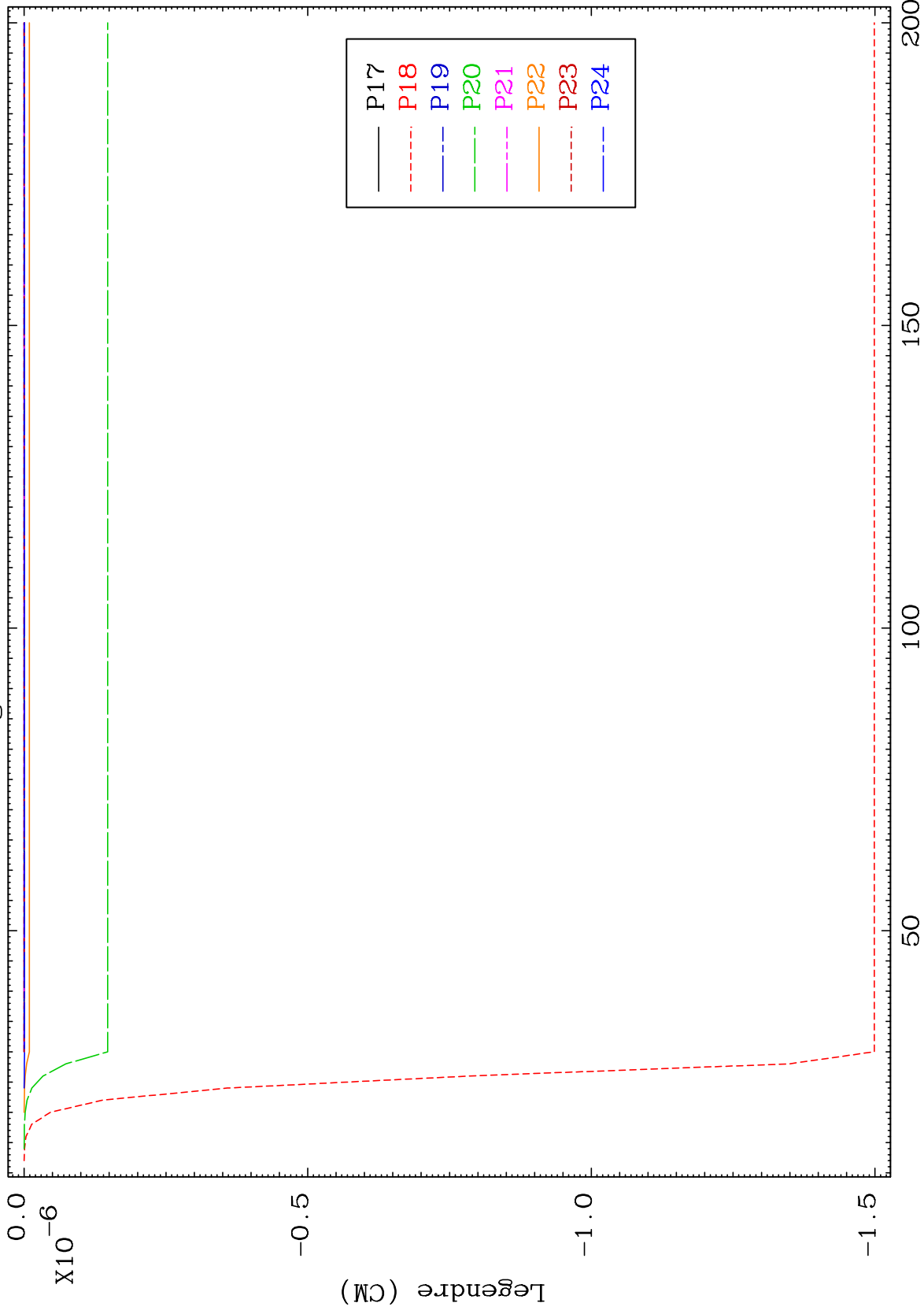
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



28

Incident Energy (MeV)

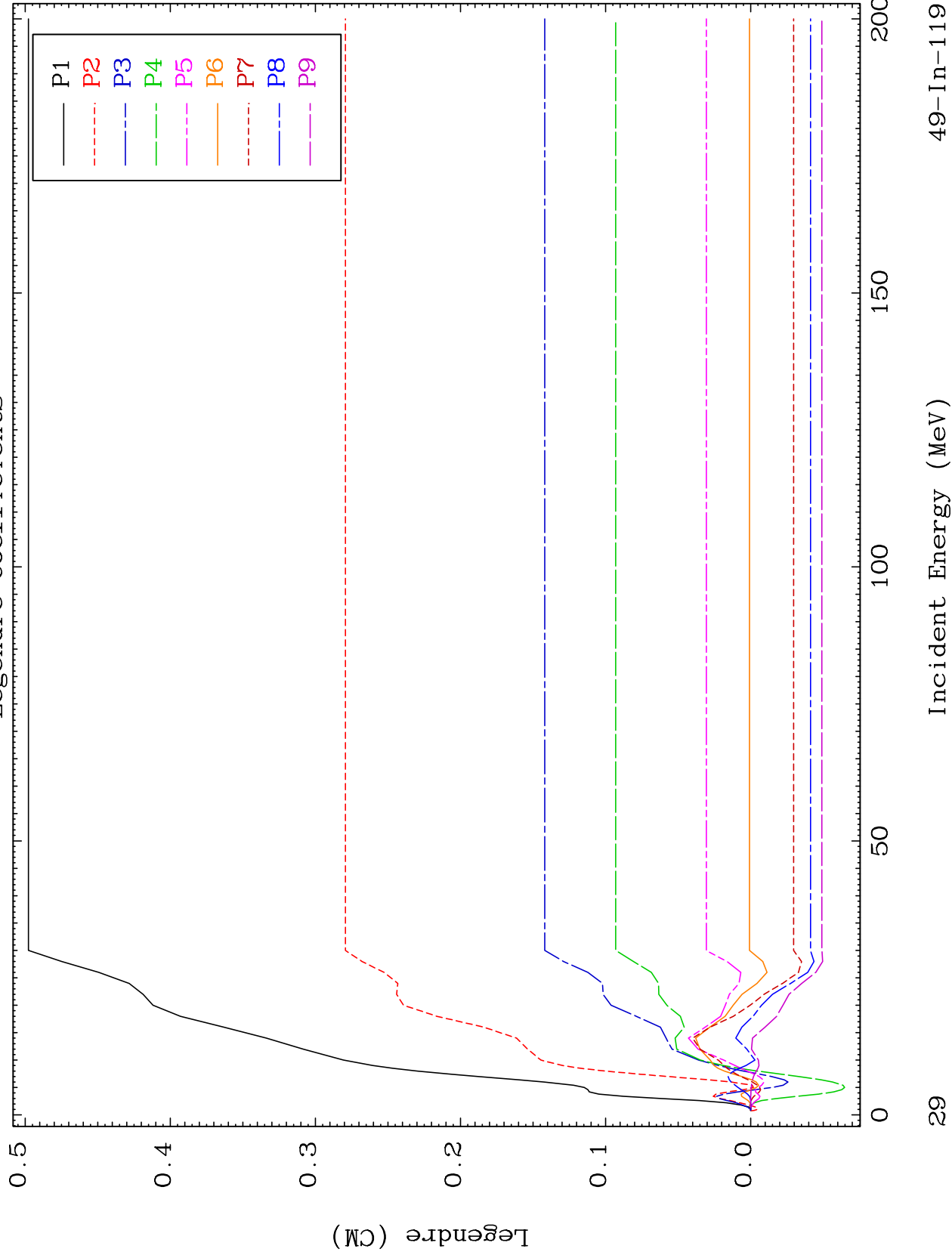
49-In-119

MAT 4943

MT= 54 (n,n') Level

49-In-119

Legendre Coefficients



29

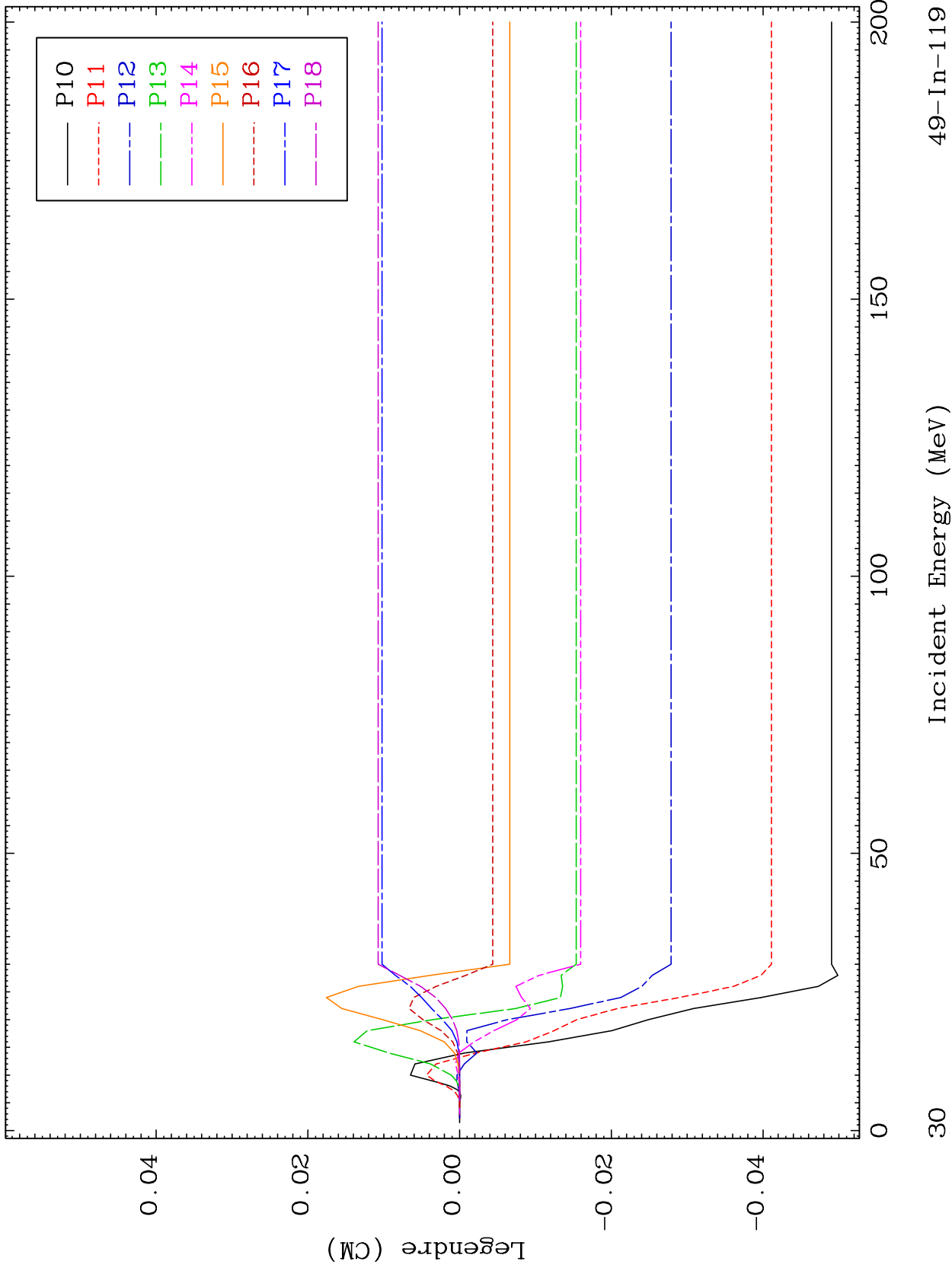
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



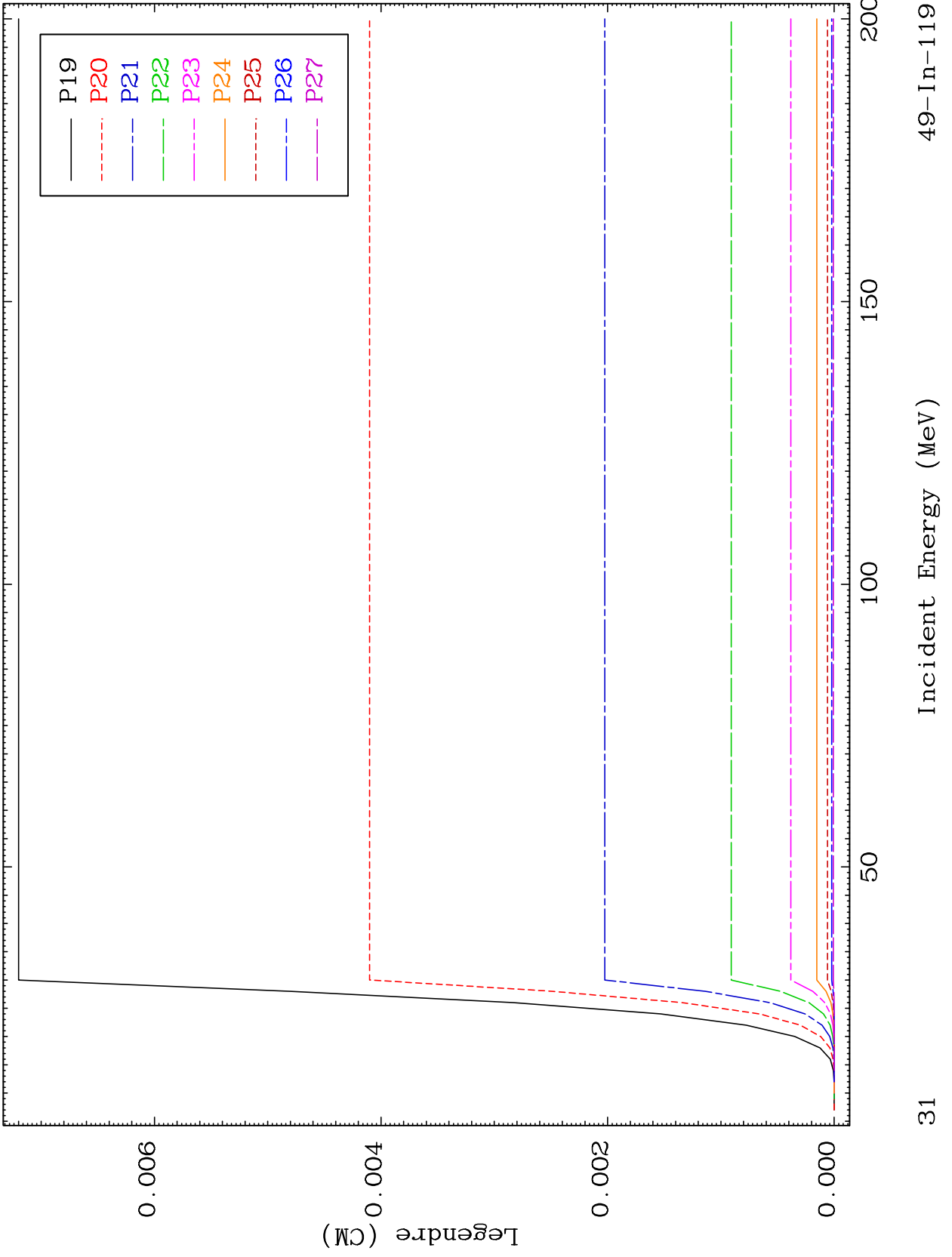
49-In-119

Incident Energy (MeV)

MAT 4943

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

49-In-119



31

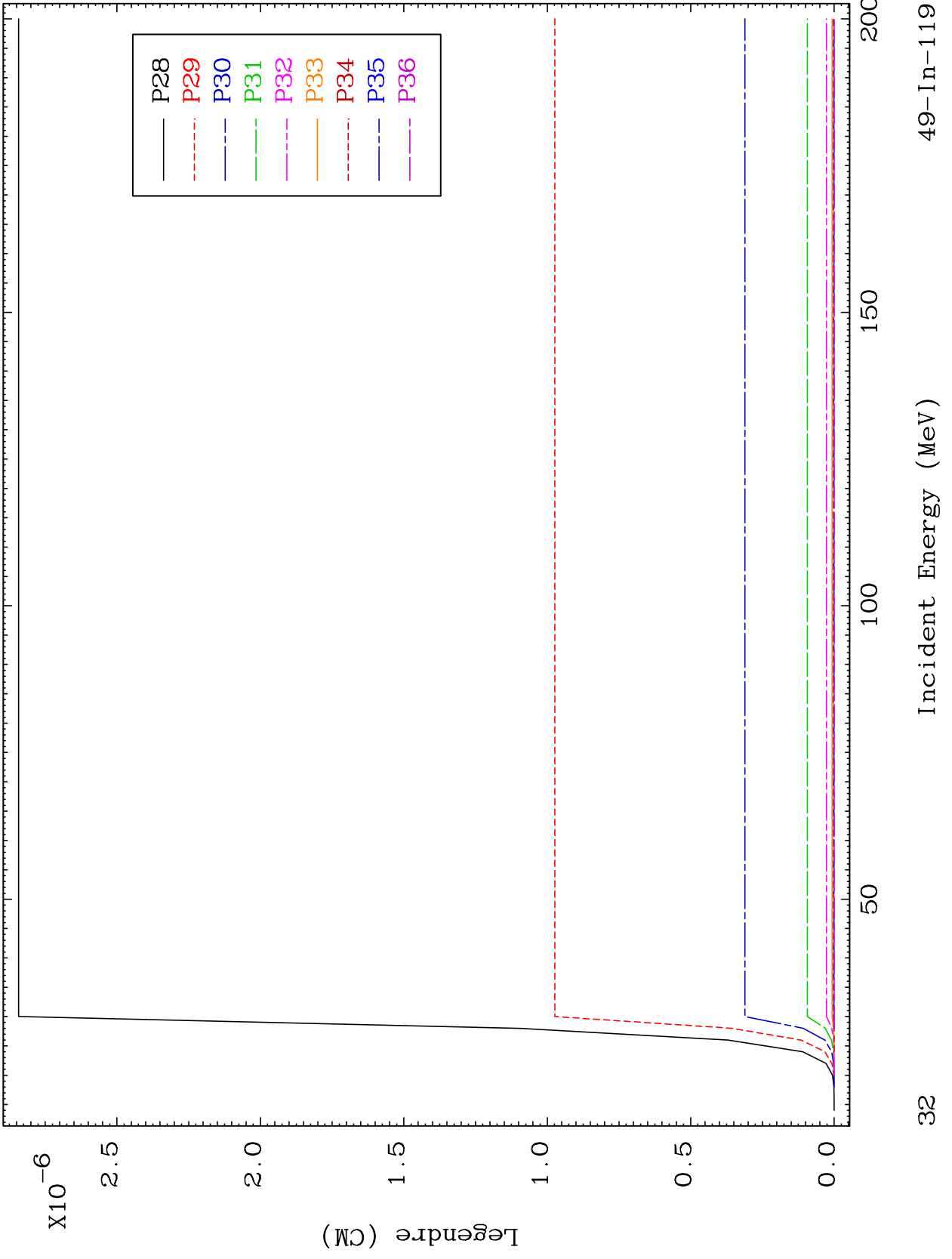
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



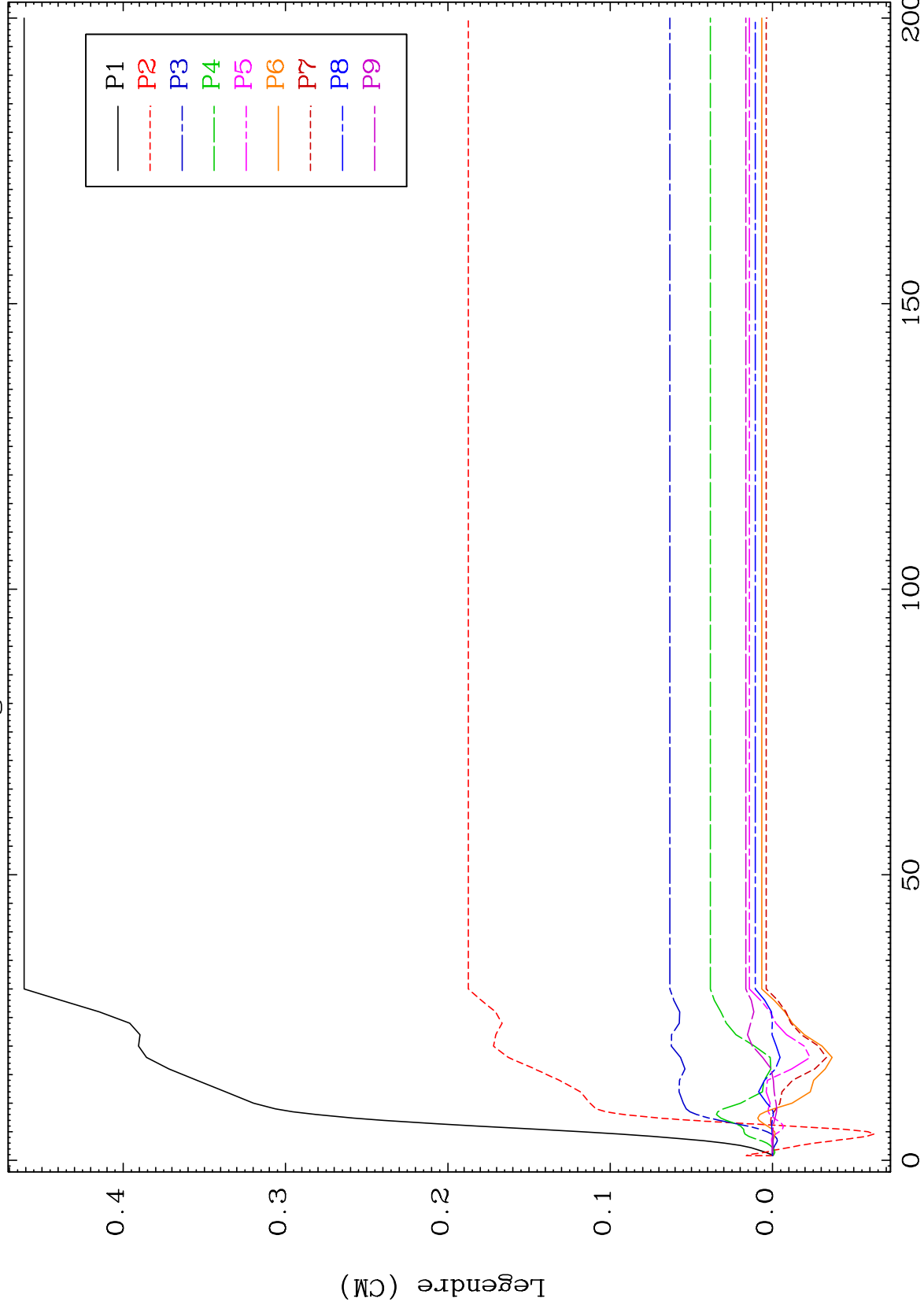
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MAT 4943

MT= 55 (n,n') Level

49-In-119

Legendre Coefficients



33

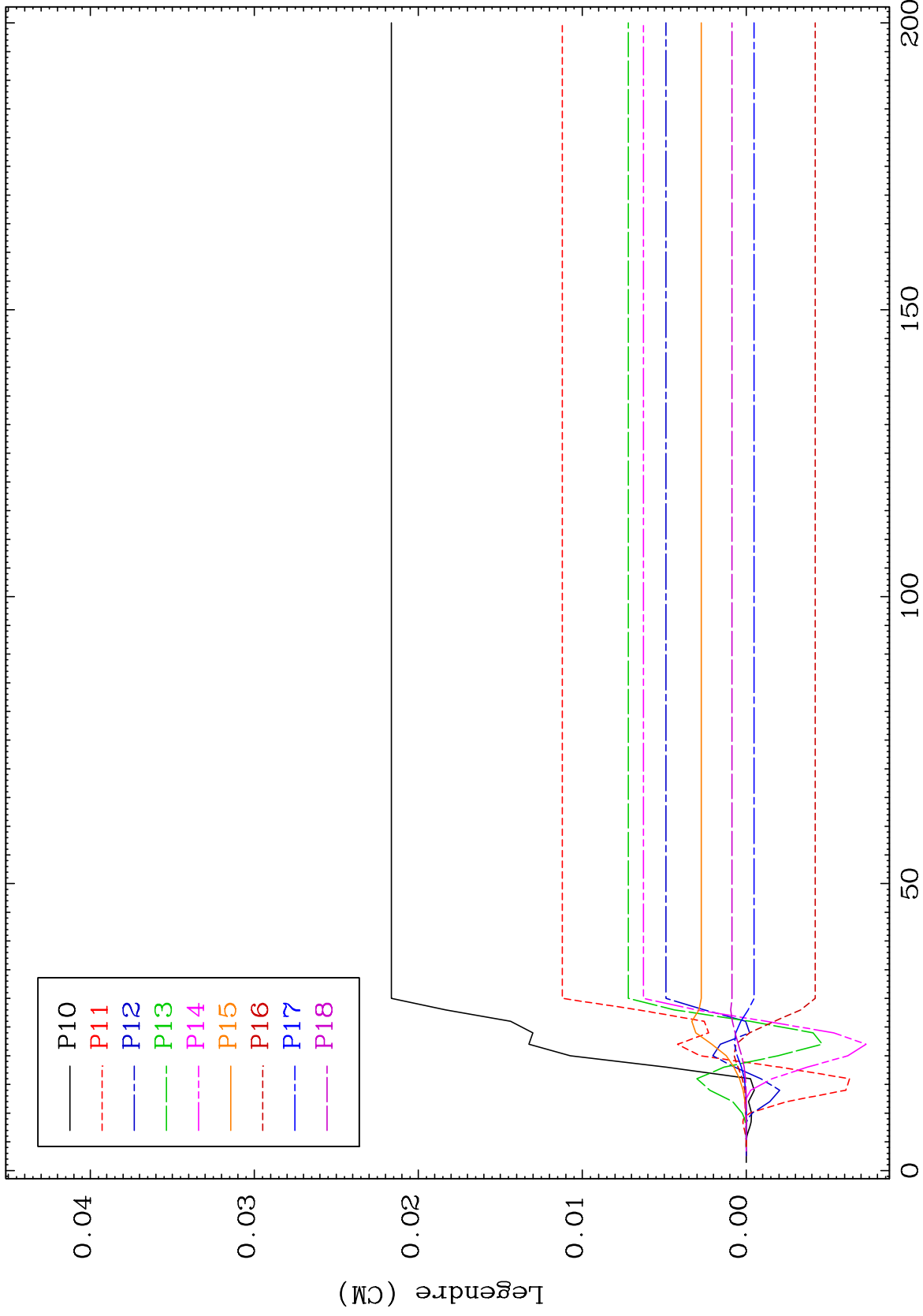
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



34

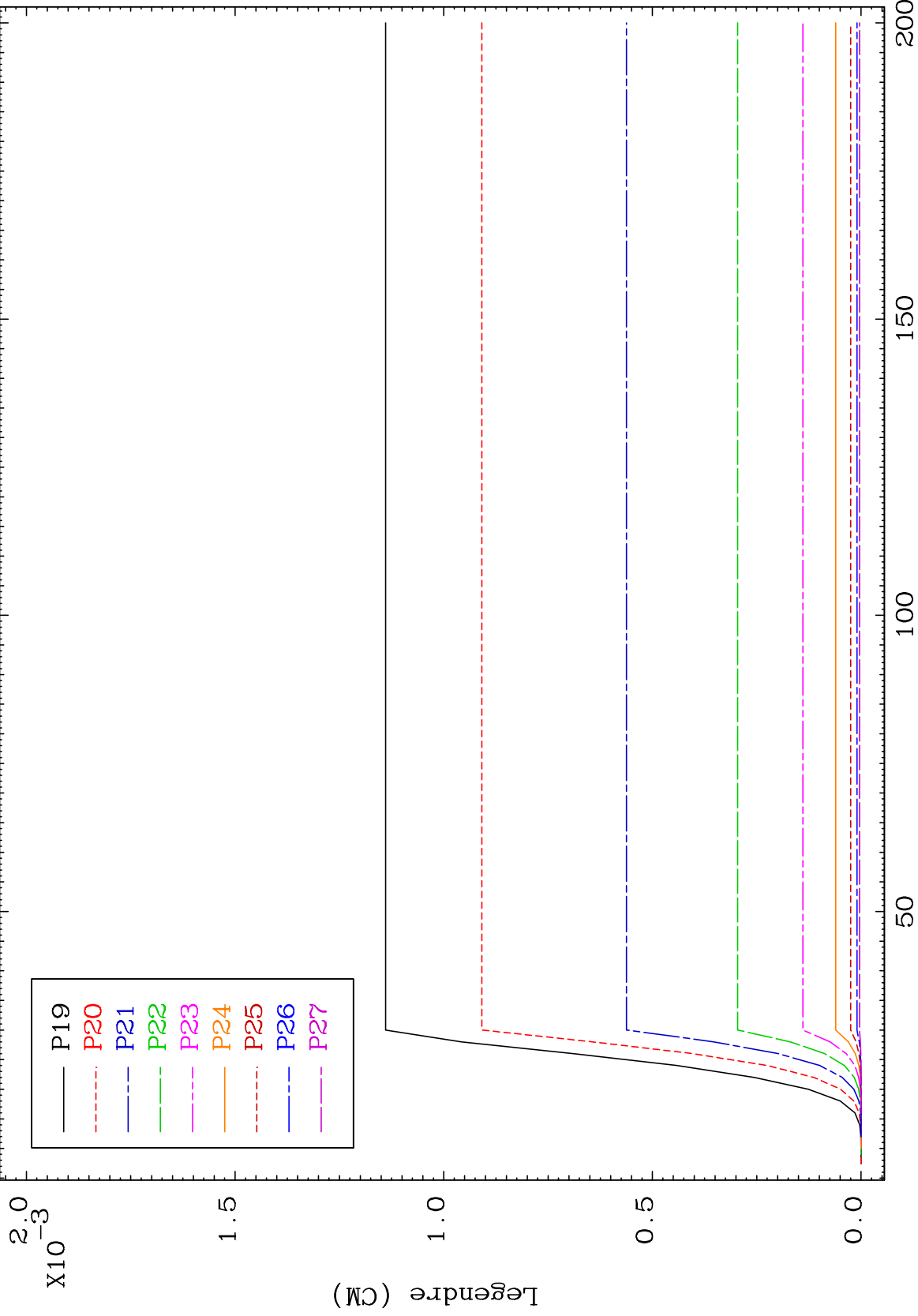
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



35

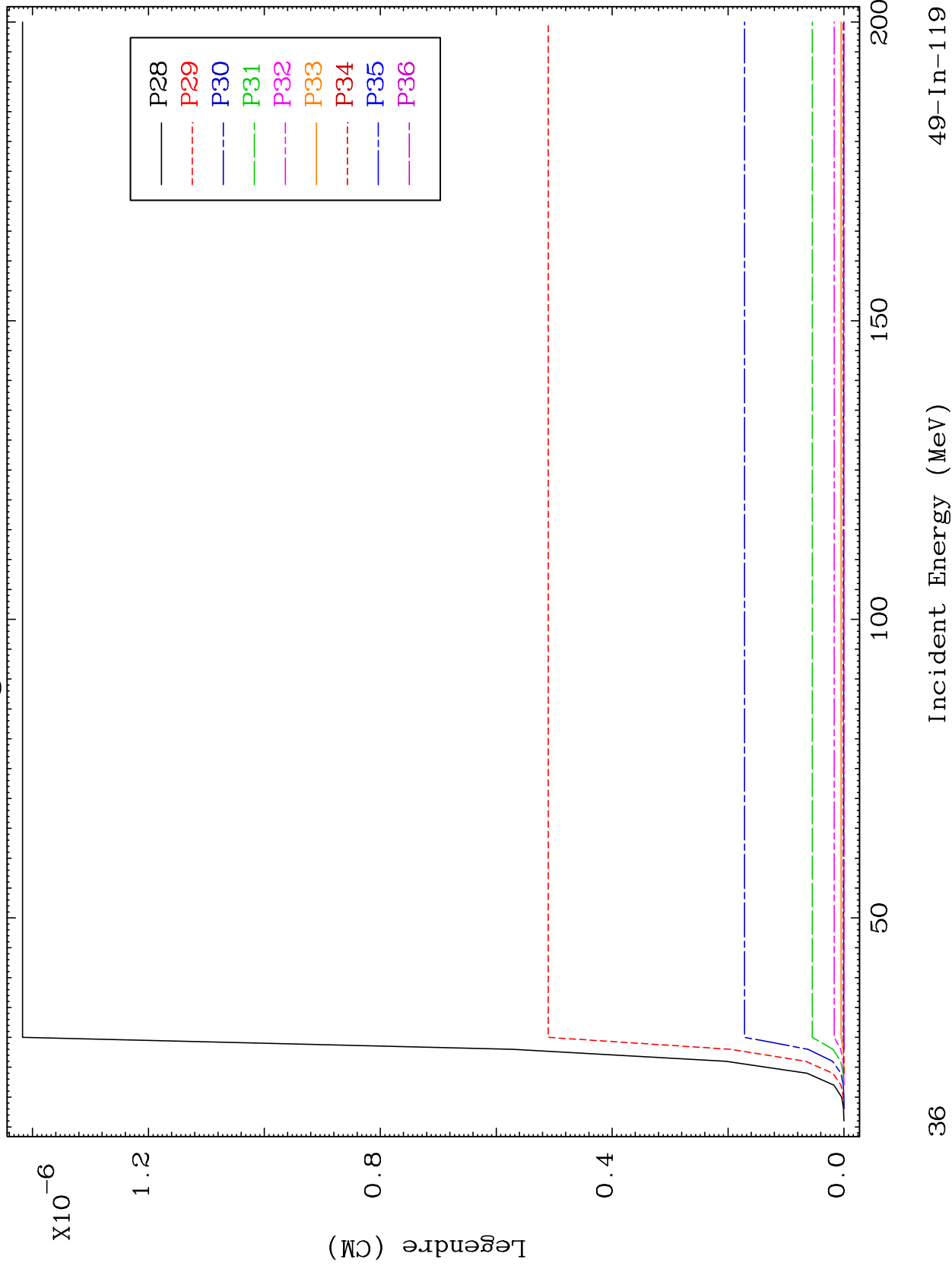
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119

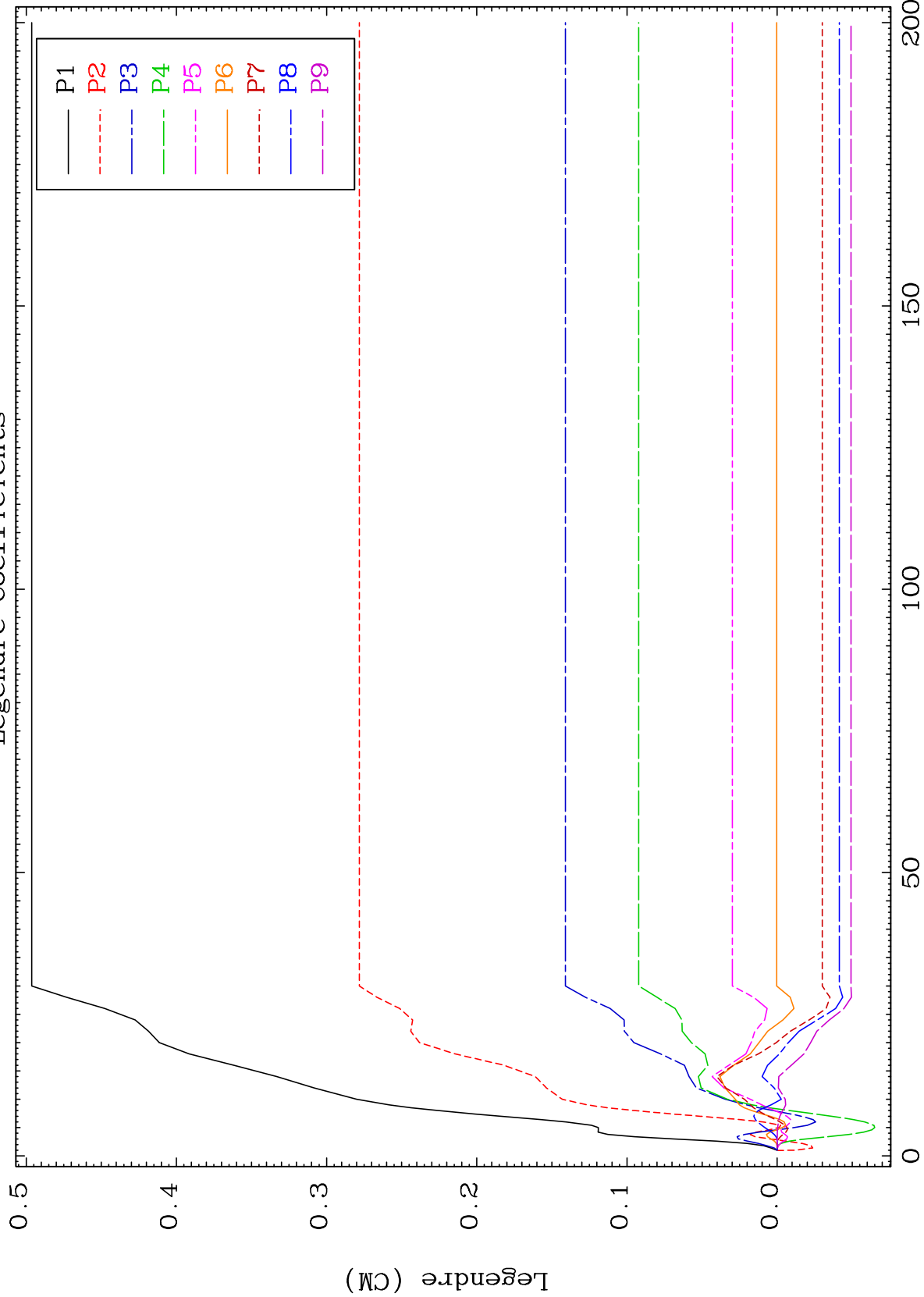


MAT 4943

MT= 56 (n,n') Level

49-In-119

Legendre Coefficients



37

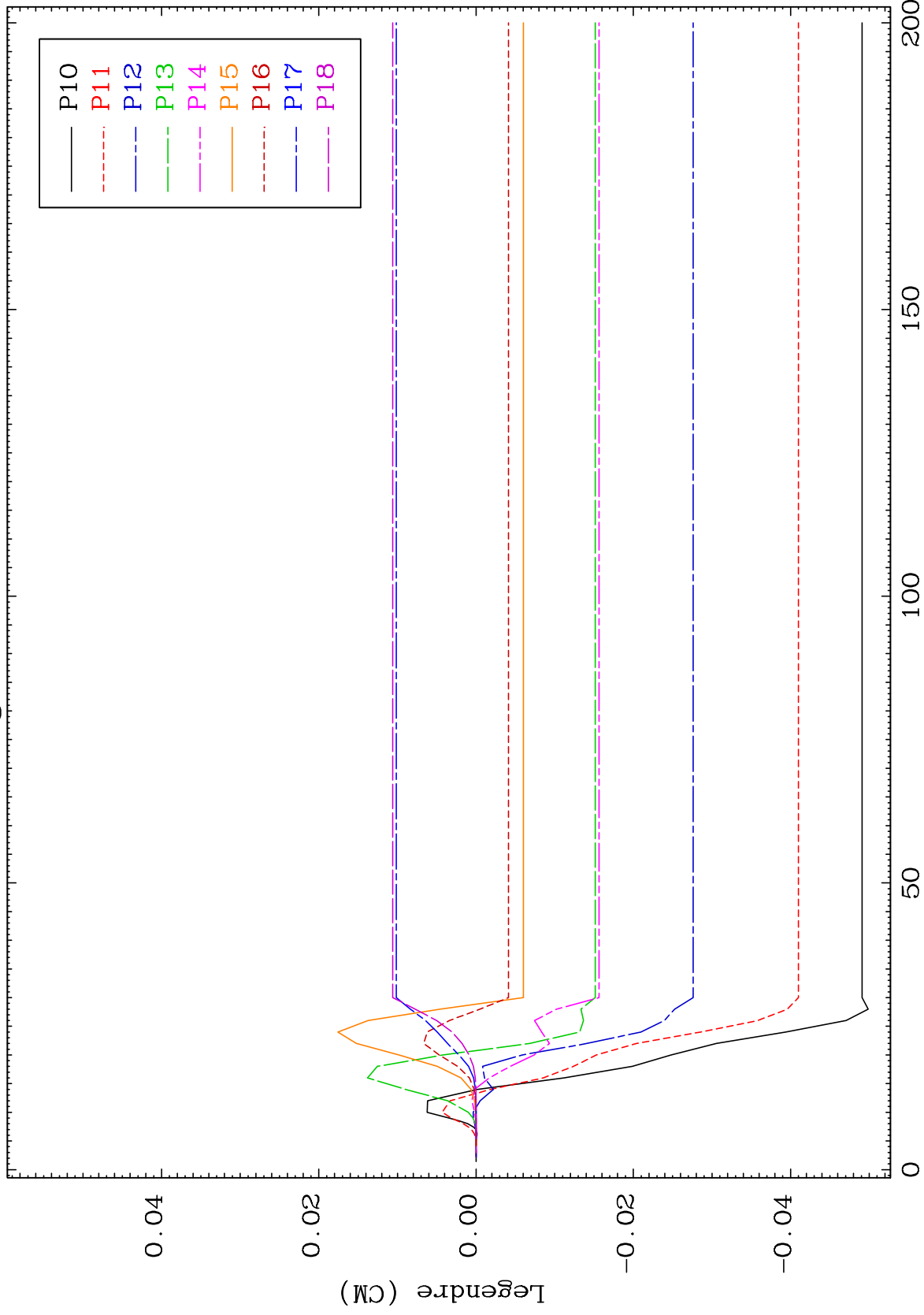
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



38

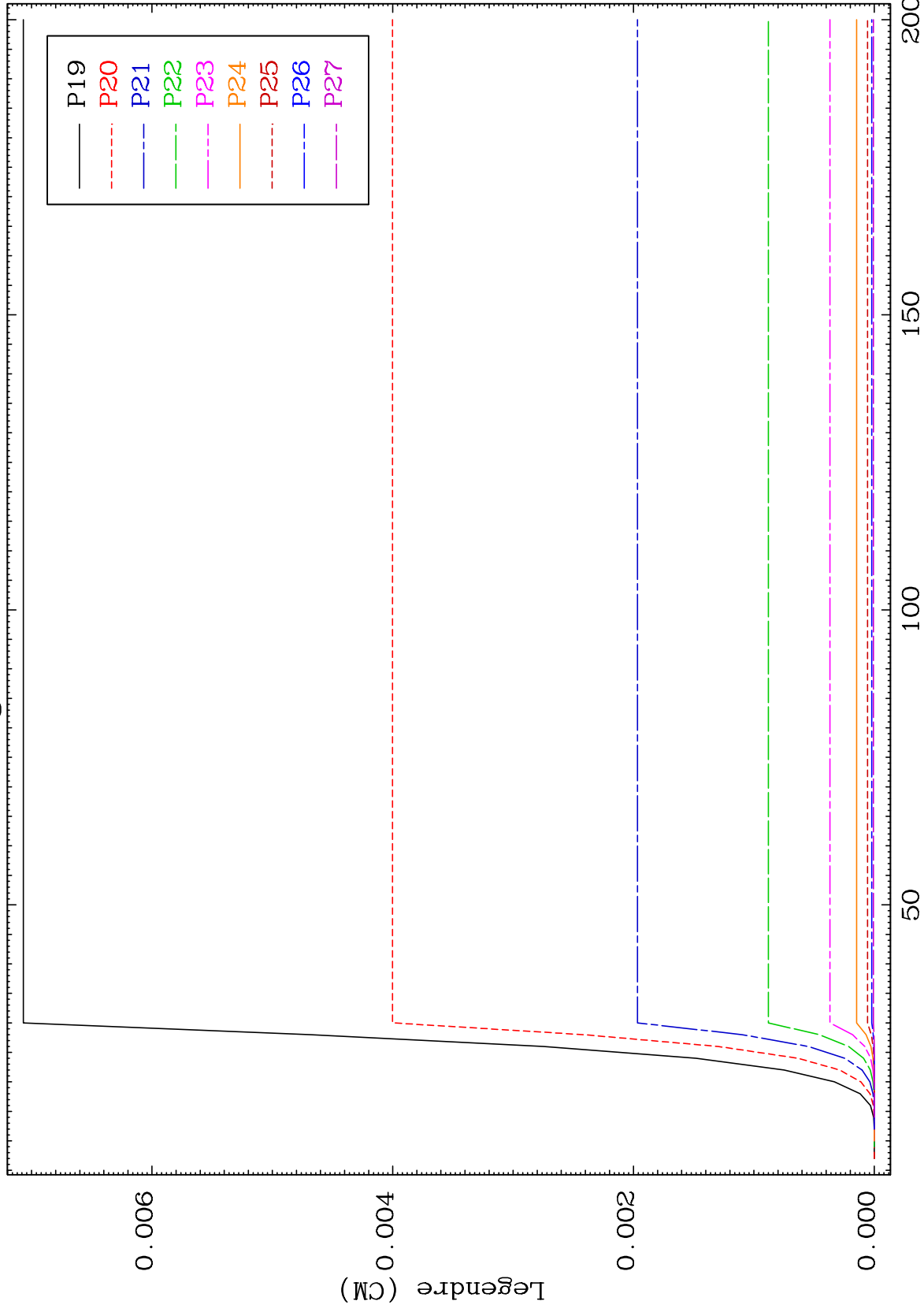
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



39

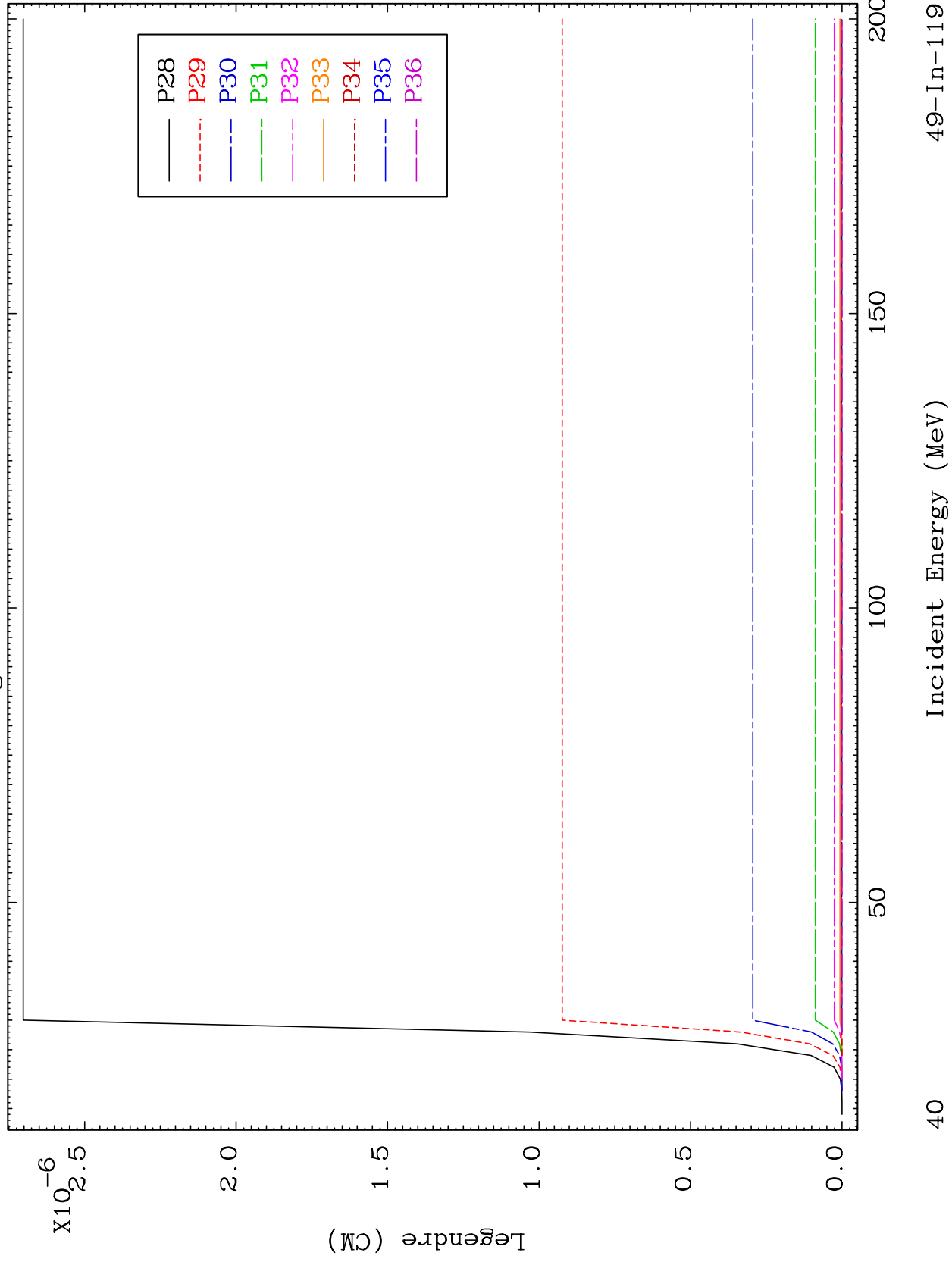
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



40

Incident Energy (MeV)

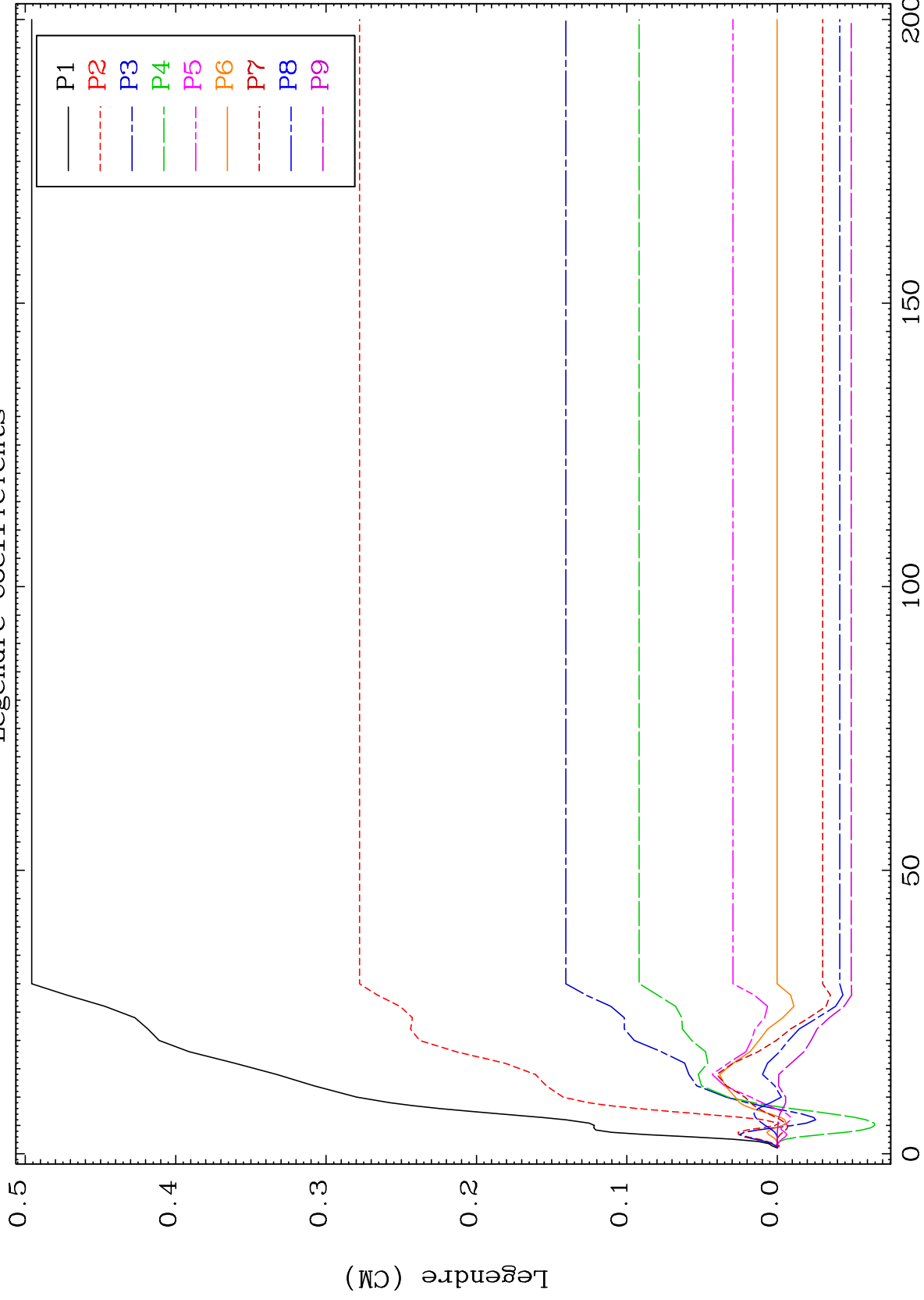
49-In-119

MAT 4943

MT= 57 (n,n') Level

49-In-119

Legendre Coefficients



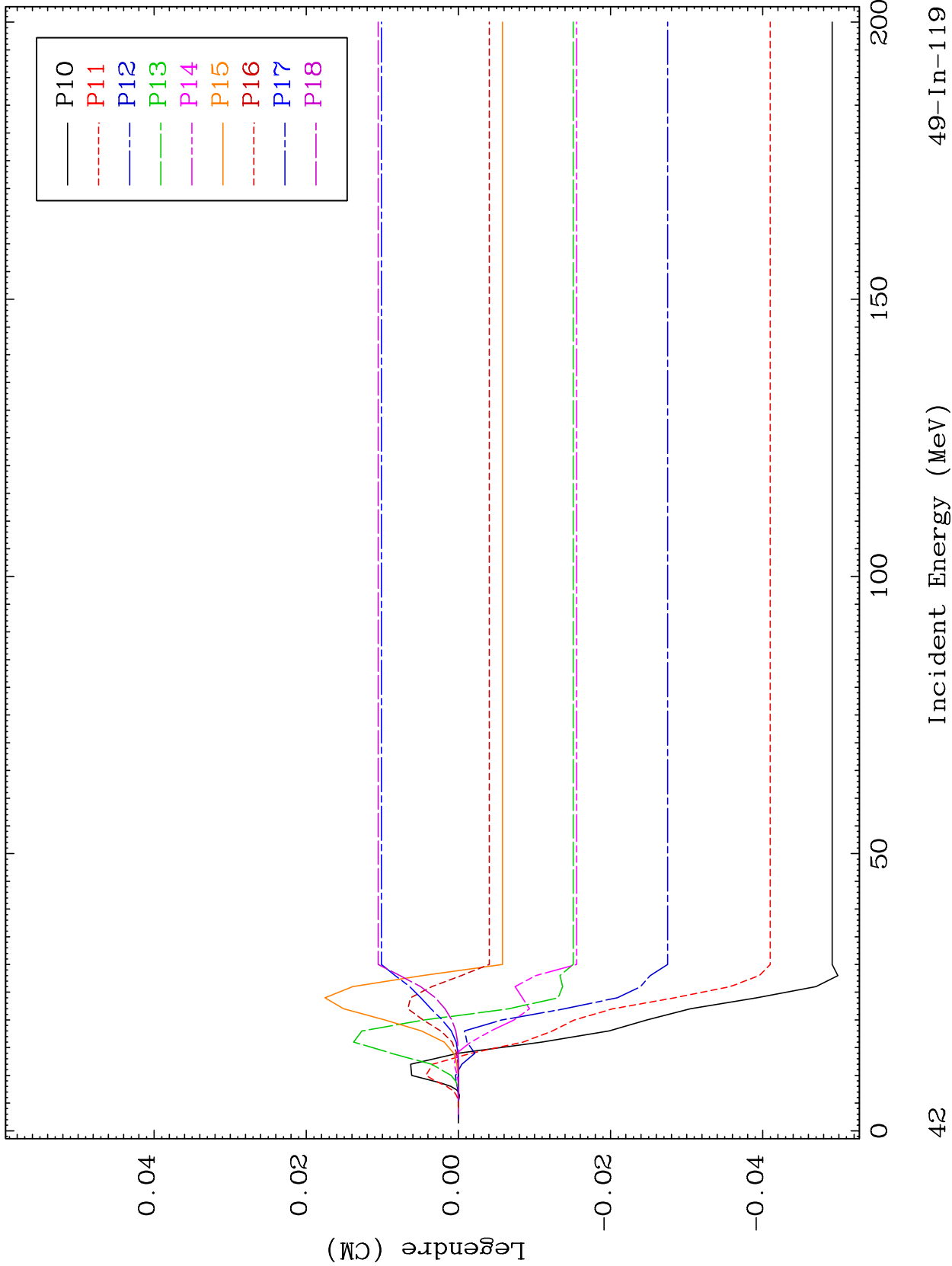
41

49-In-119

MAT 4943

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

49-In-119



49-In-119

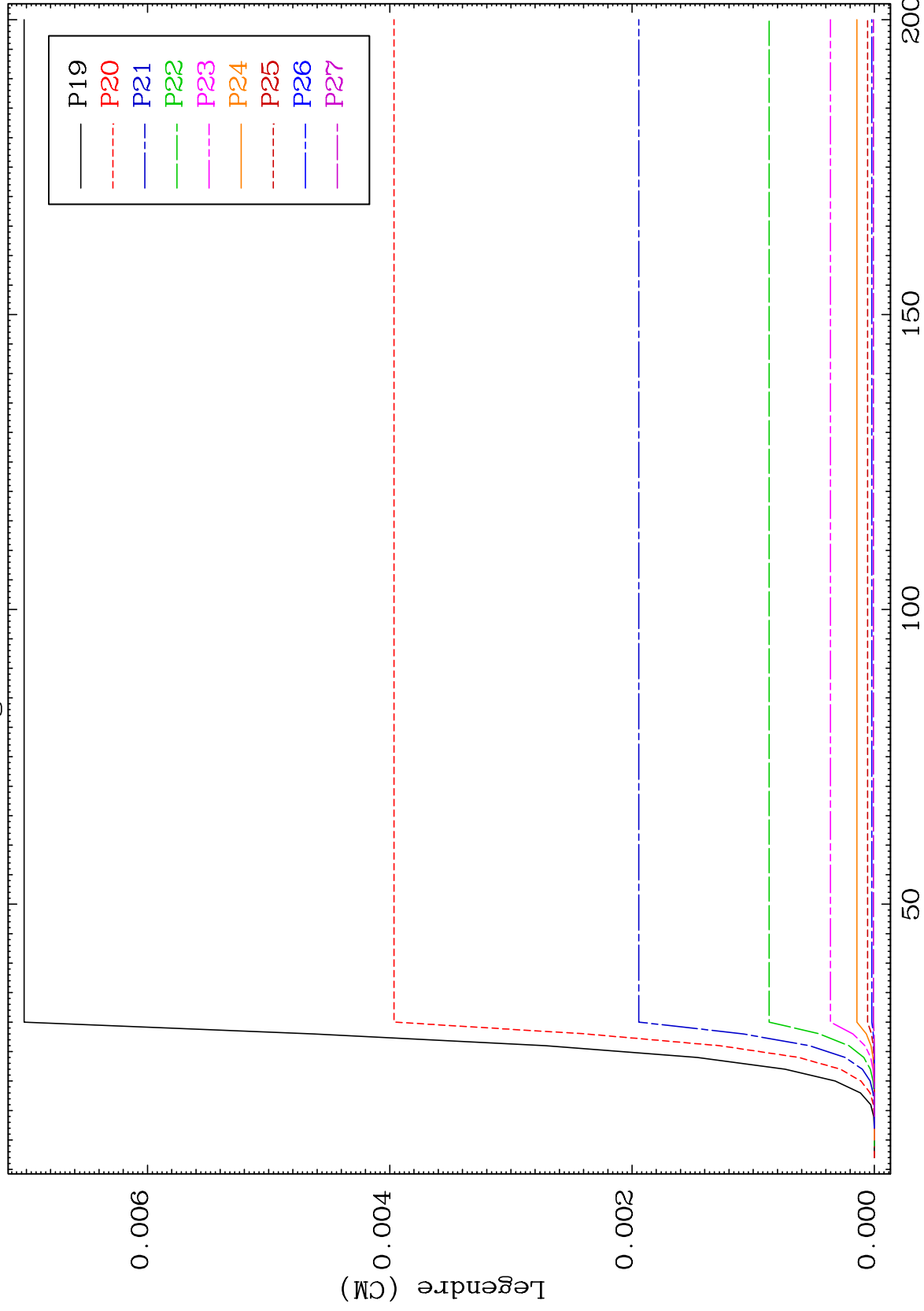
Incident Energy (MeV)

42

MAT 4943

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

49-In-119



43

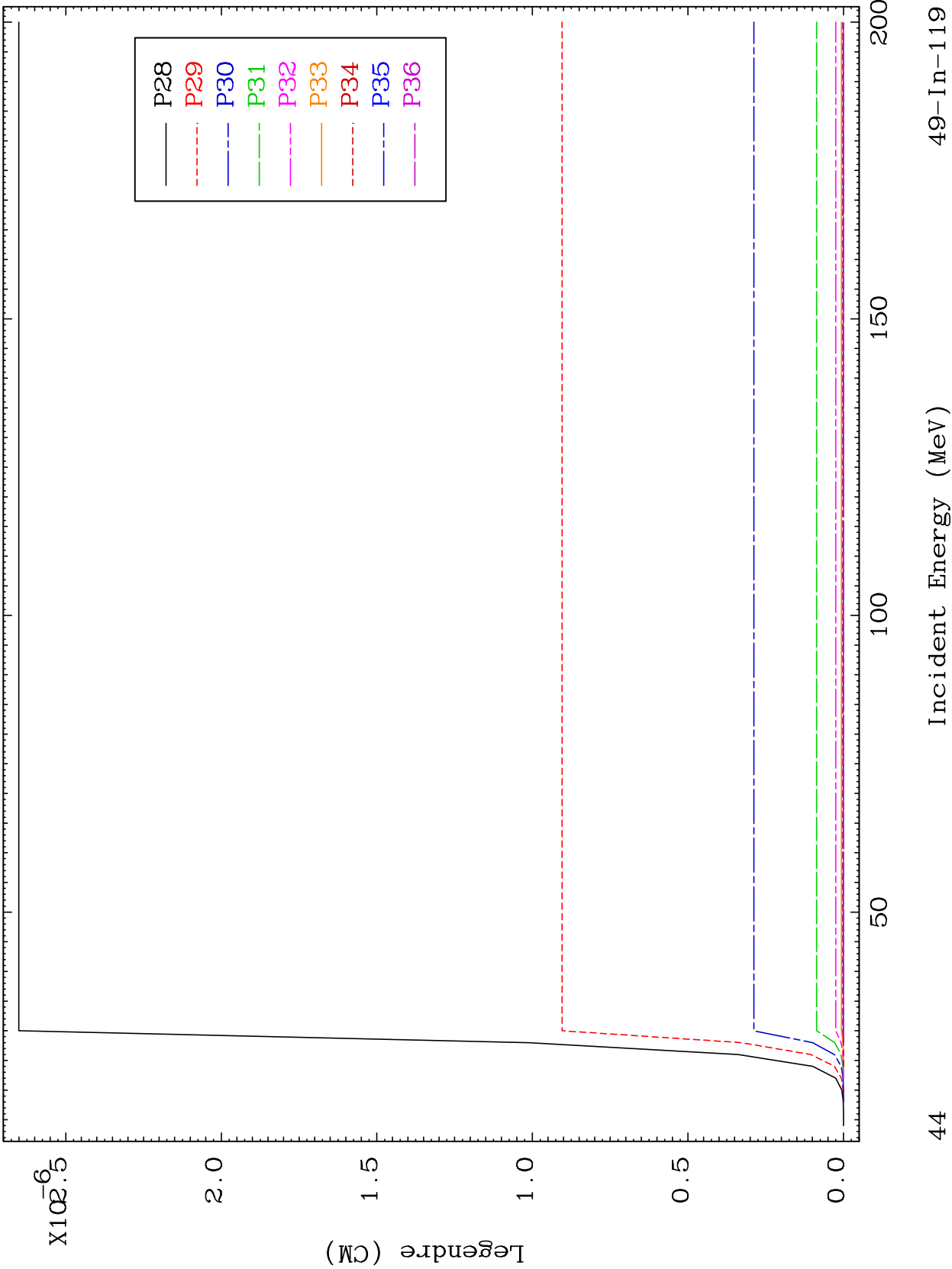
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



44

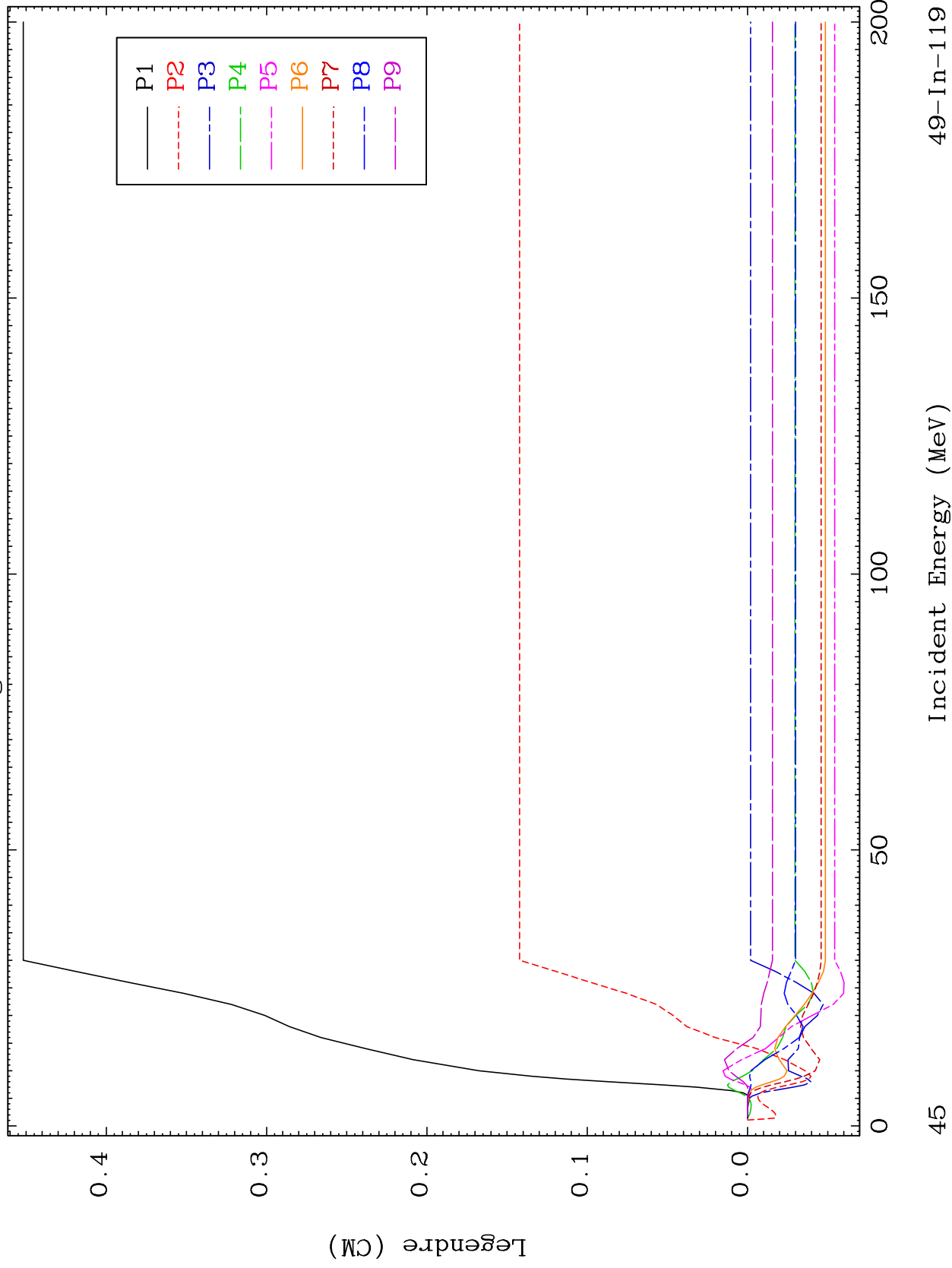
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



49-In-119

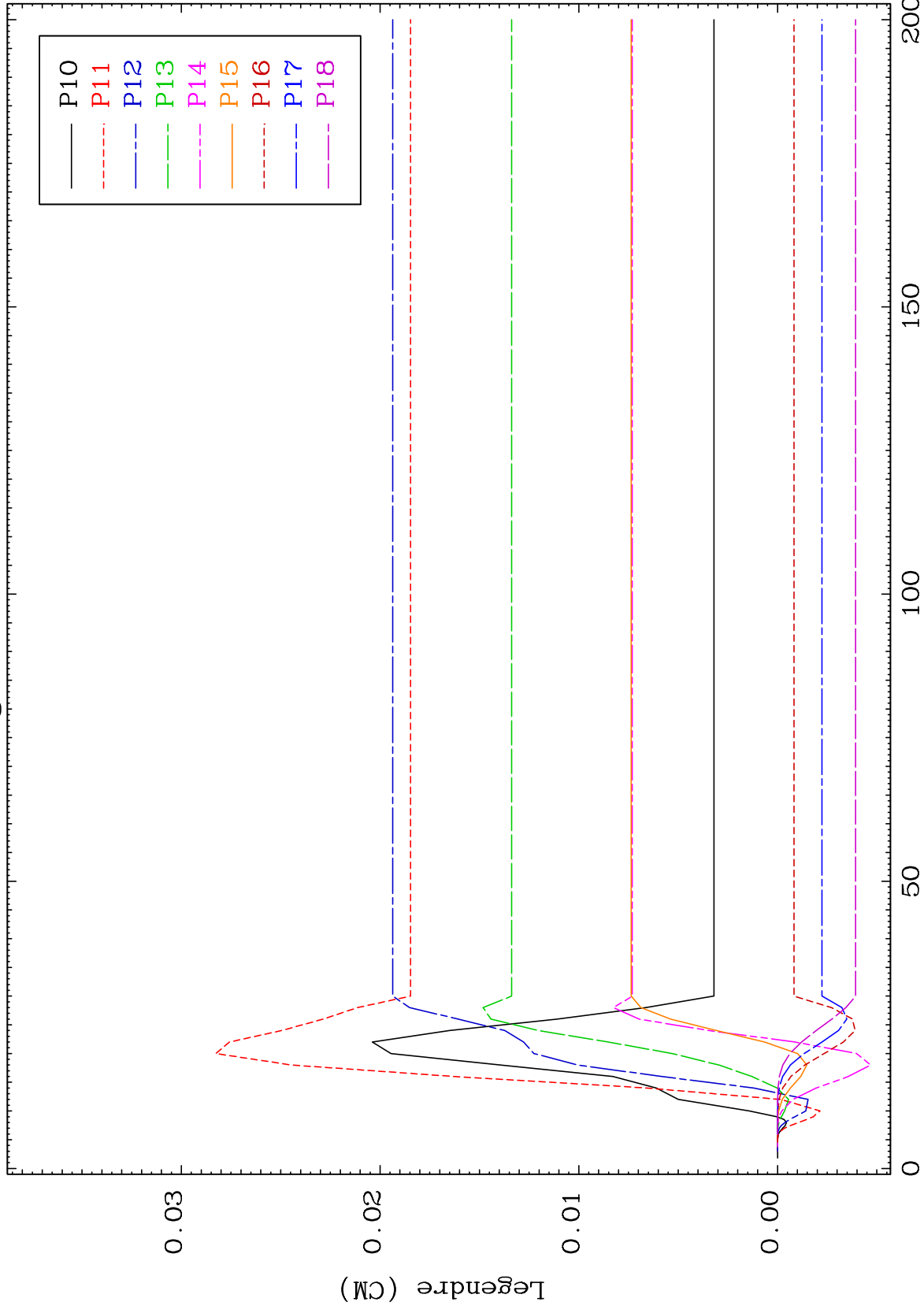
Incident Energy (MeV)

45

MAT 4943

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

49-In-119



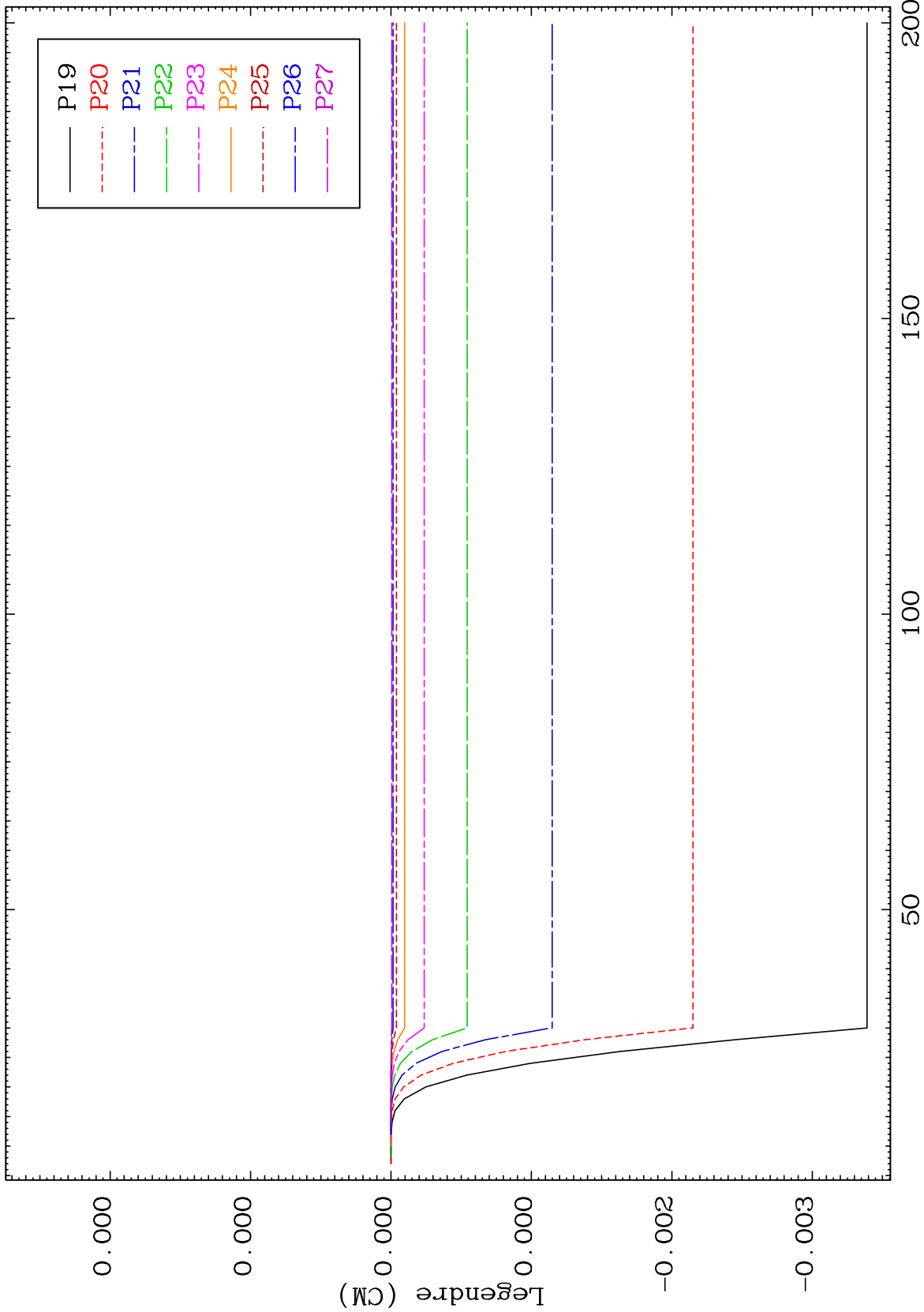
46

49-In-119

MAT 4943

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

49-In-119



47

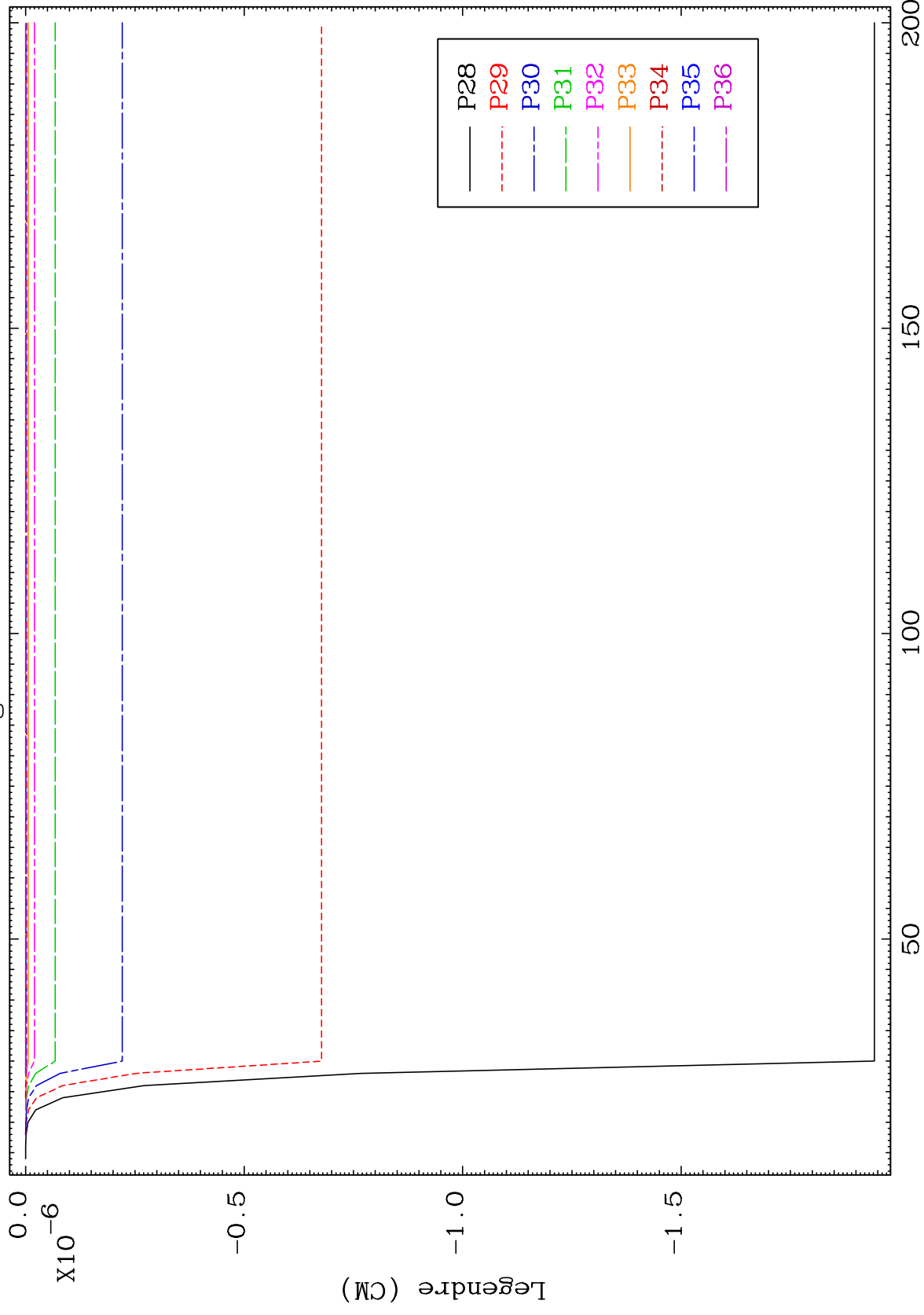
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



48

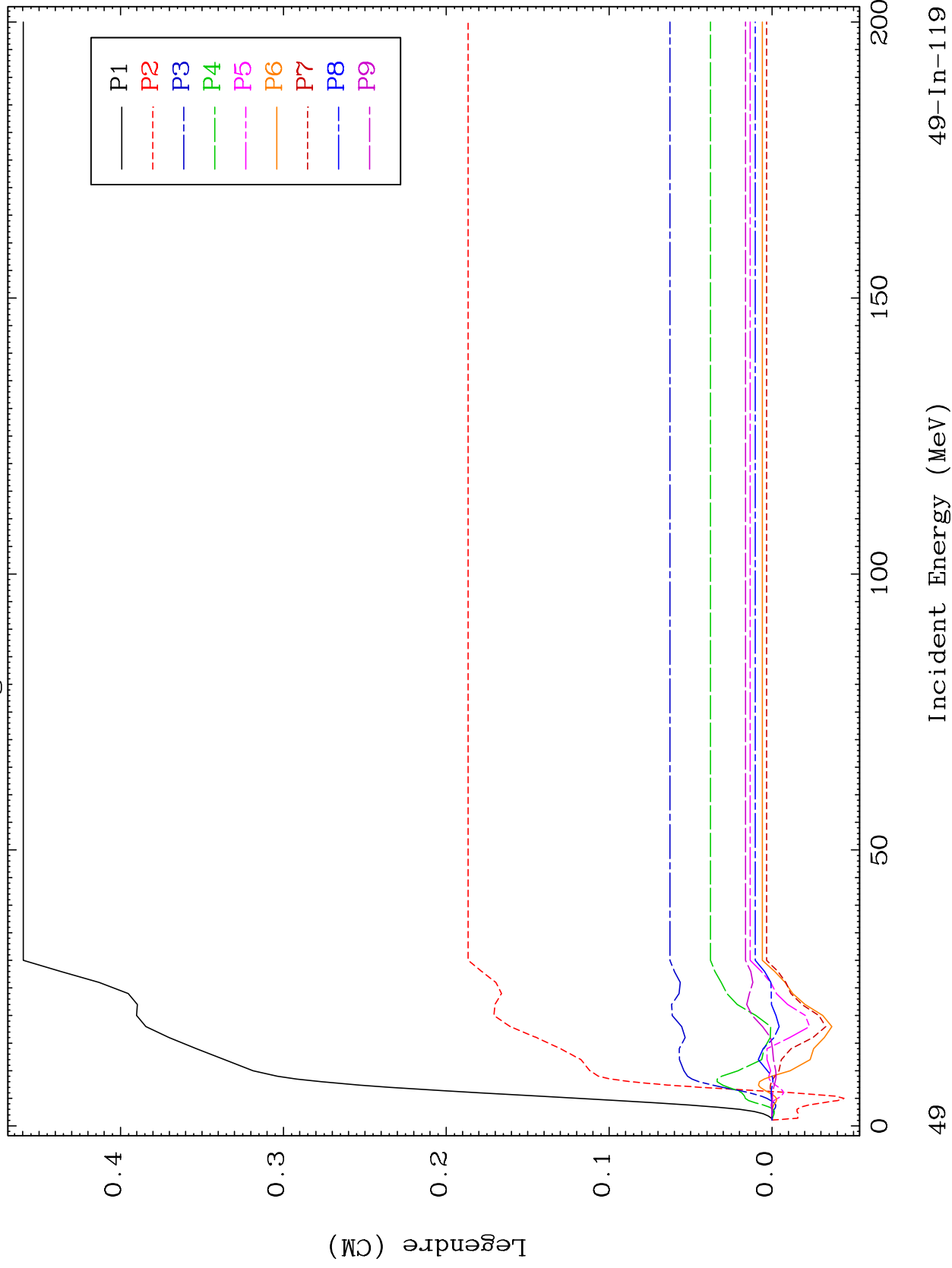
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



49-In-119

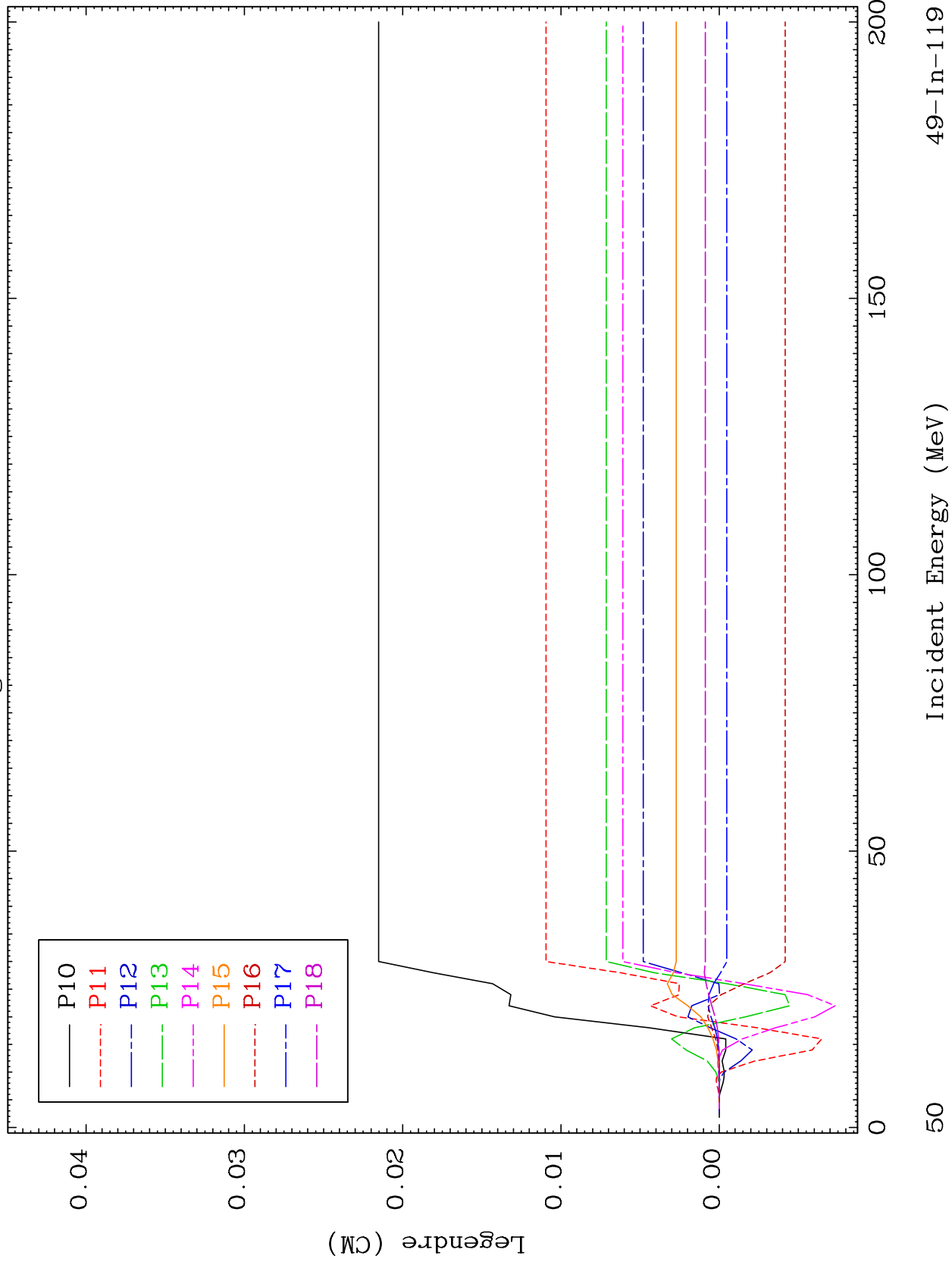
Incident Energy (MeV)

49

MAT 4943

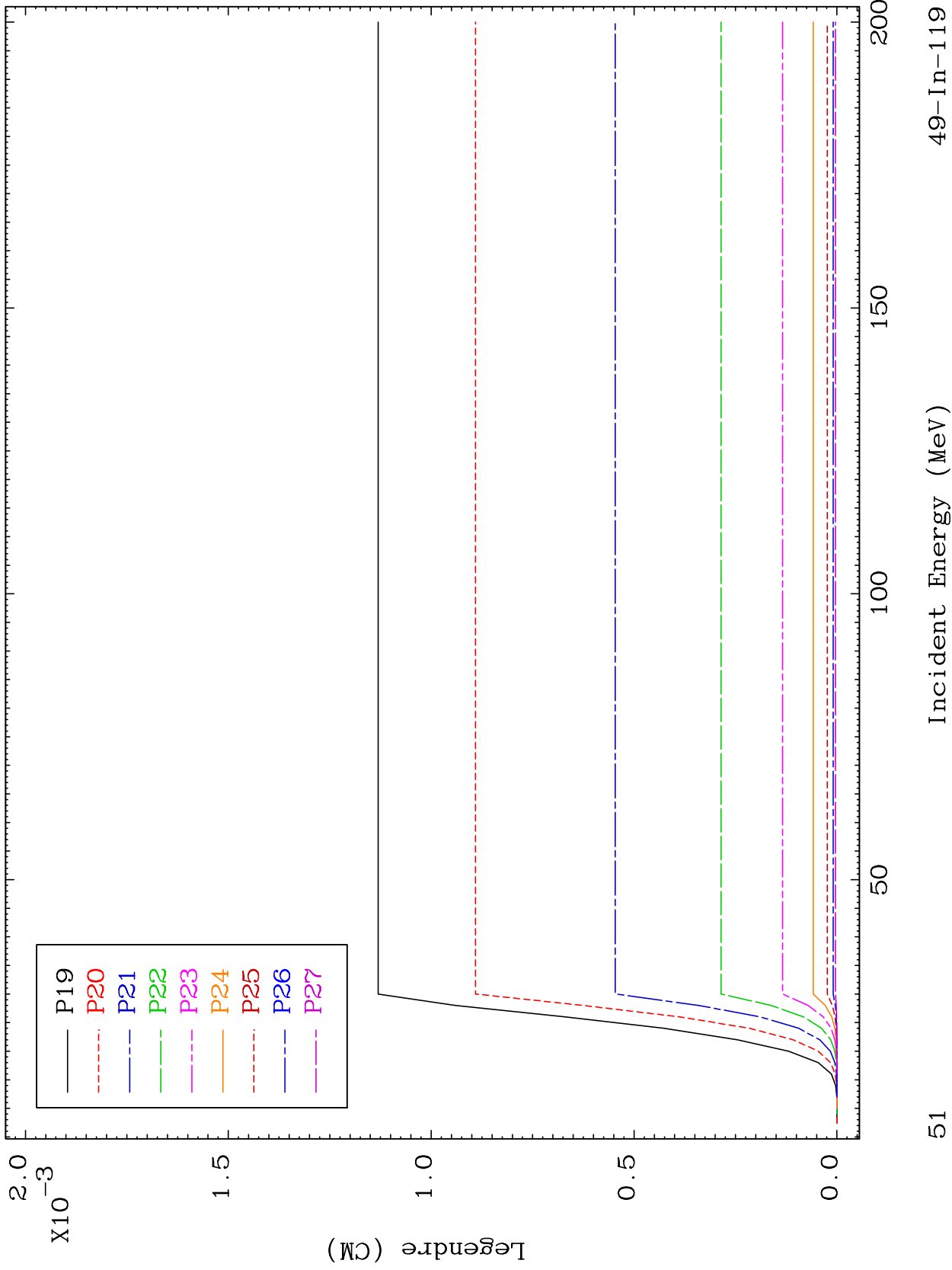
MT= 59 (n,n') Level
Legendre Coefficients

49-In-119



49-In-119

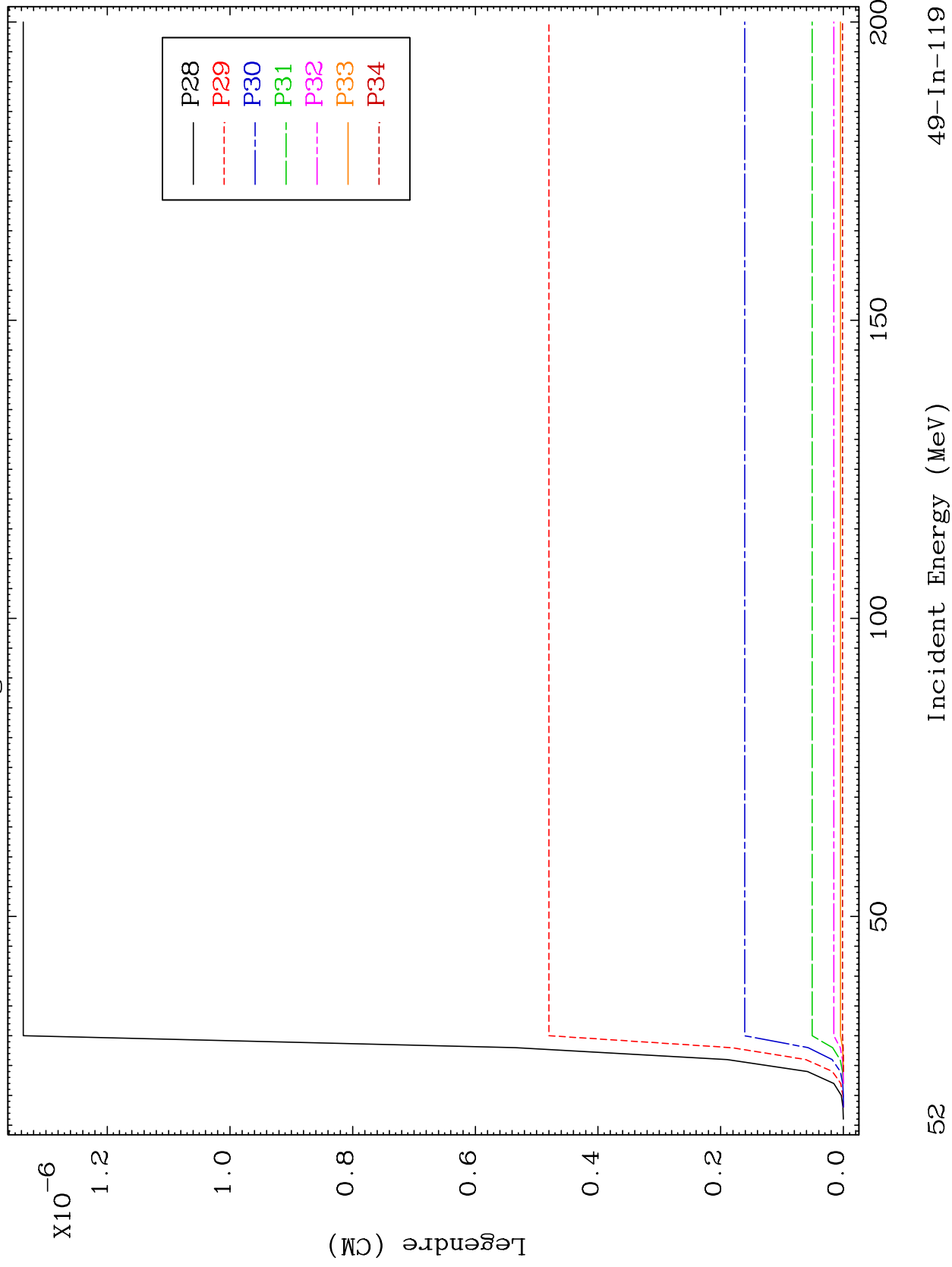
Incident Energy (MeV)



MAT 4943

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

49-In-119



52

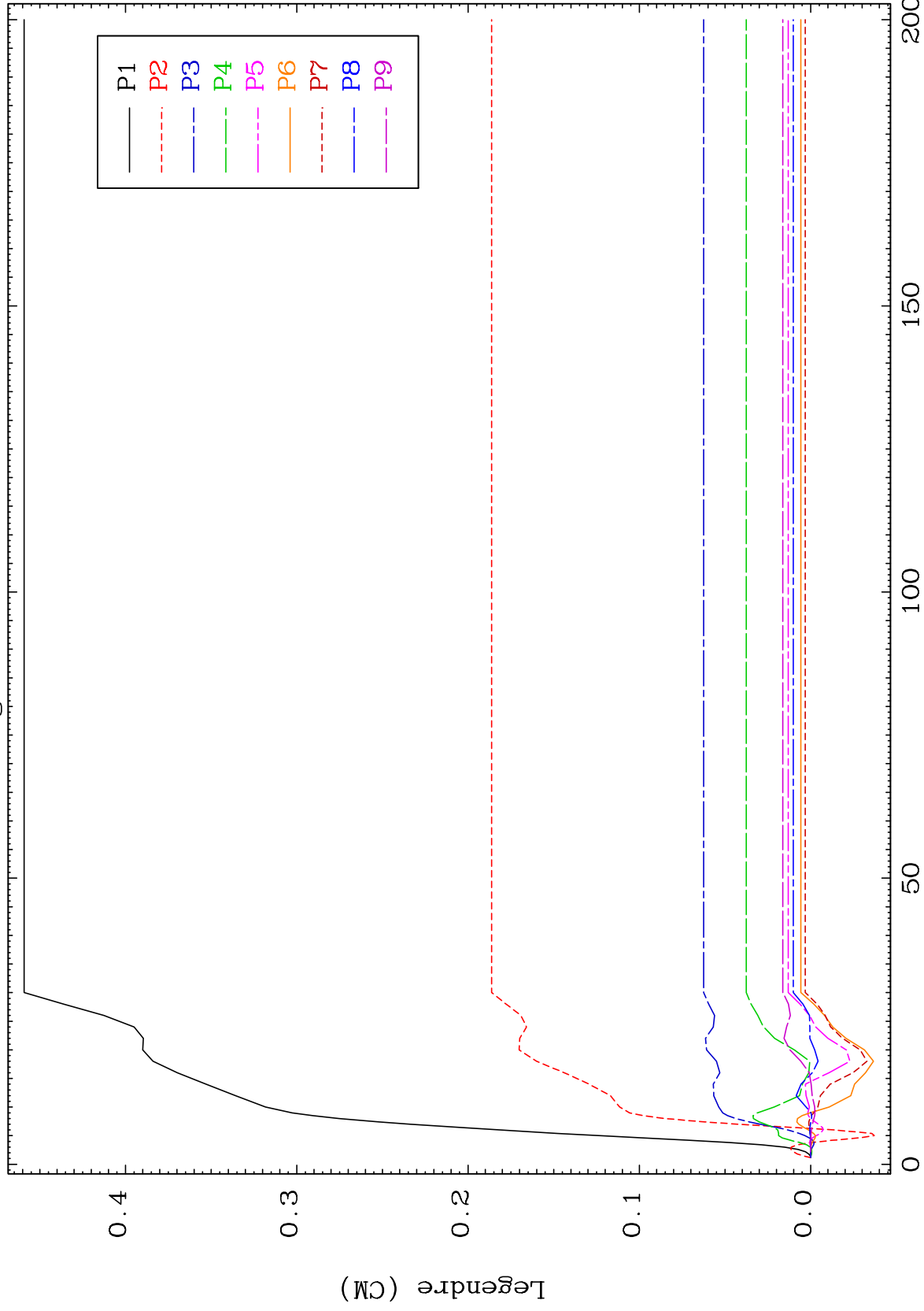
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



53

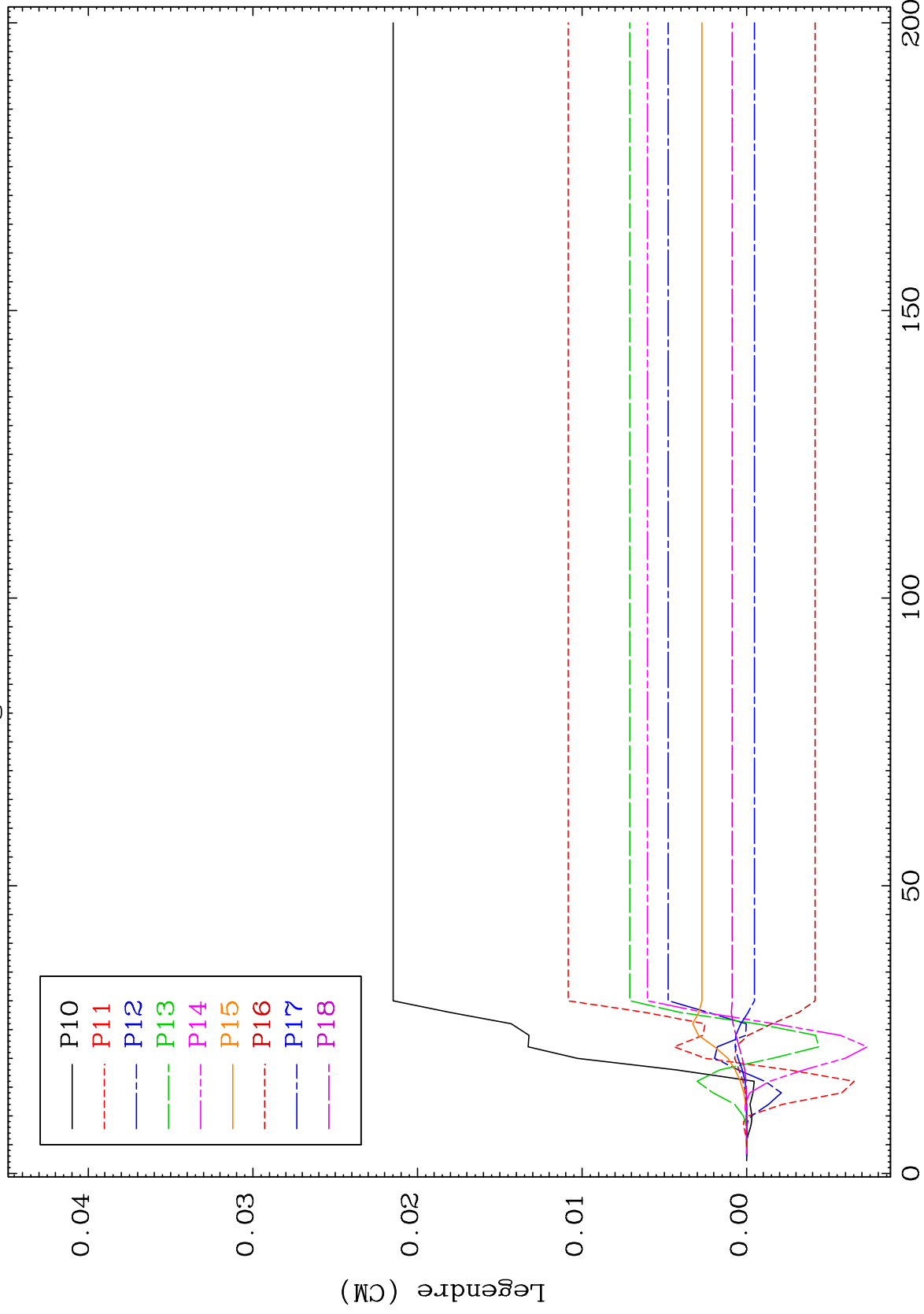
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



54

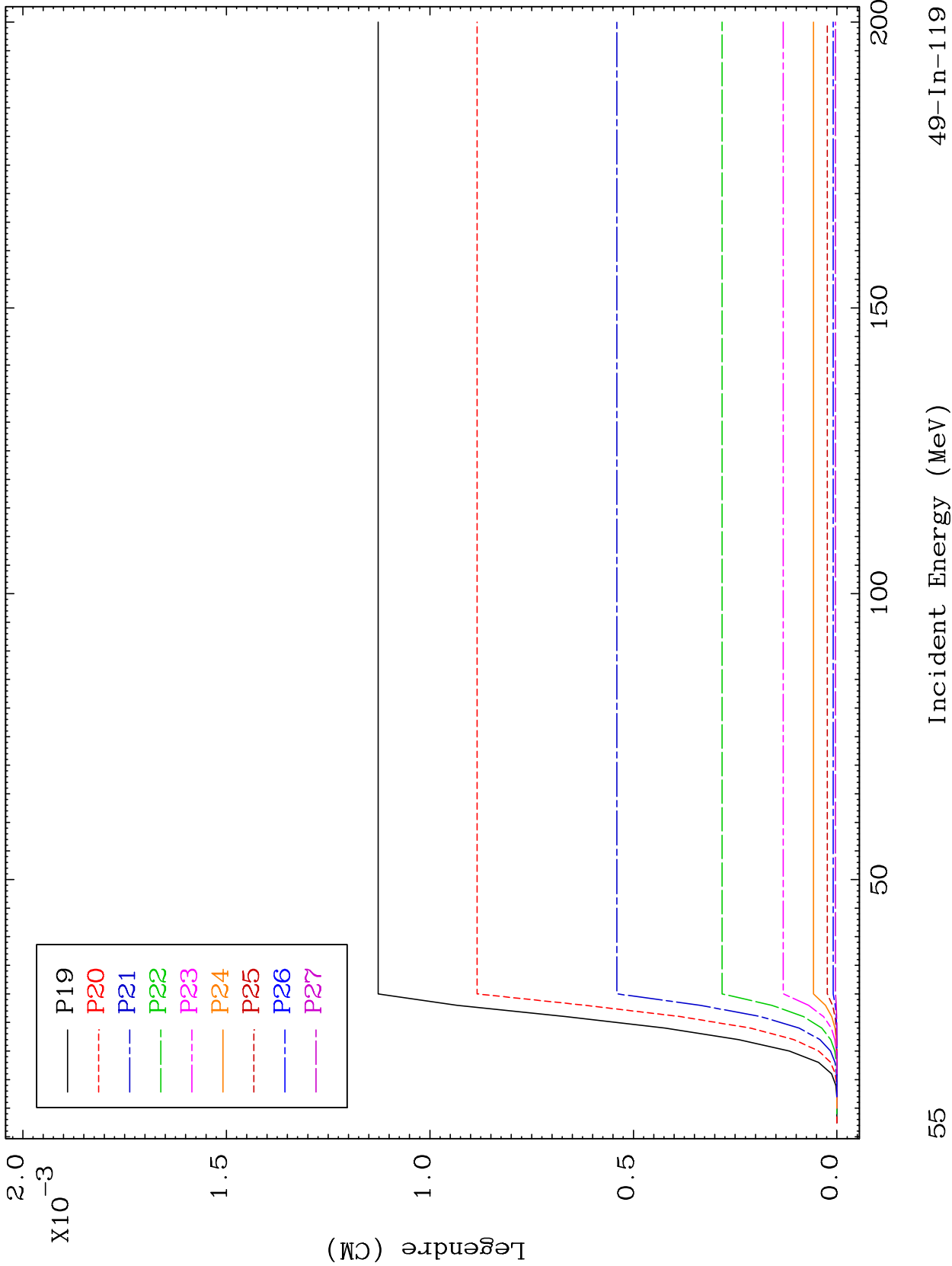
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



55

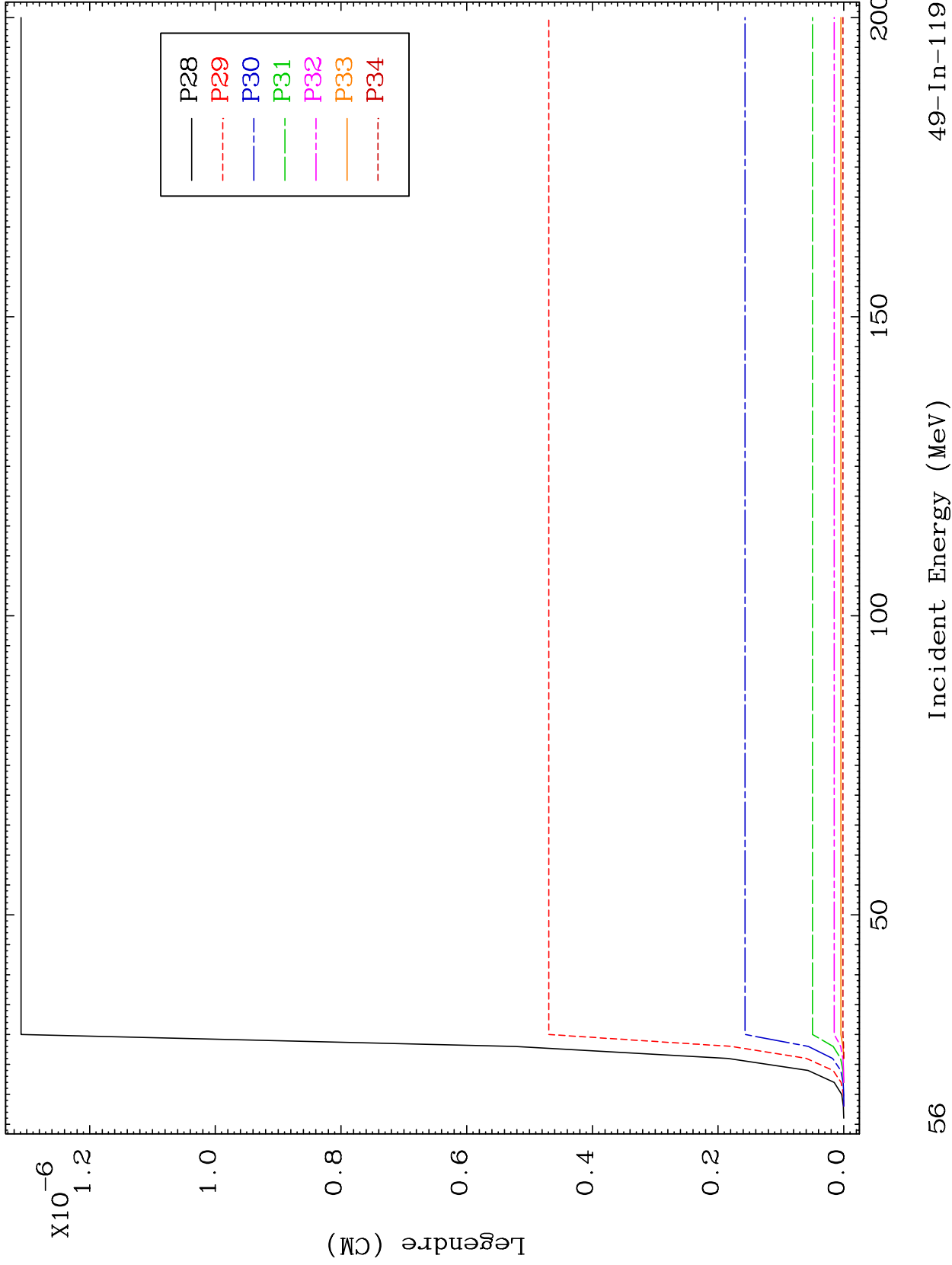
Incident Energy (MeV)

49-In-119

MAT 4943

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

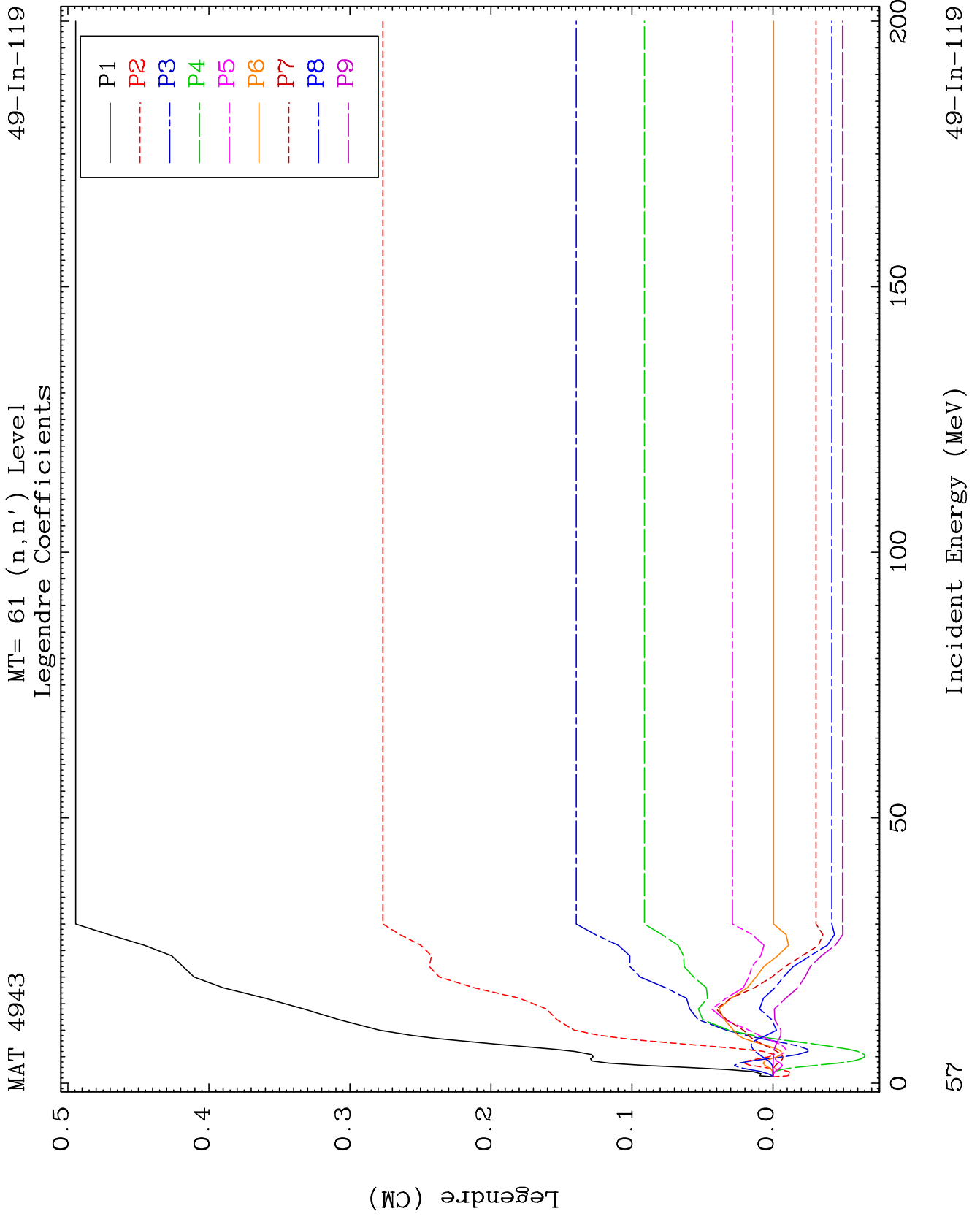
49-In-119



56

Incident Energy (MeV)

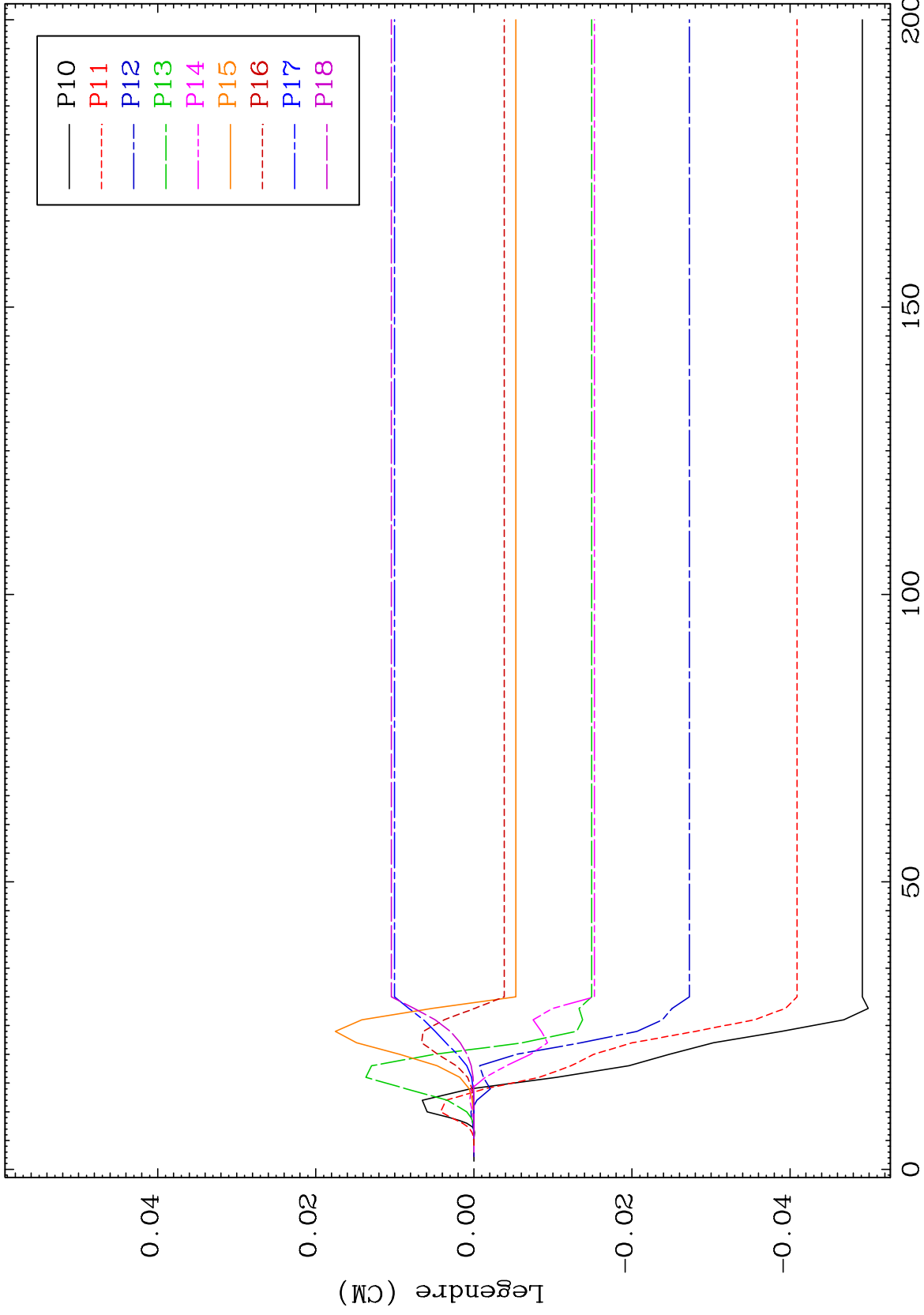
49-In-119



MAT 4943

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

49-In-119



58

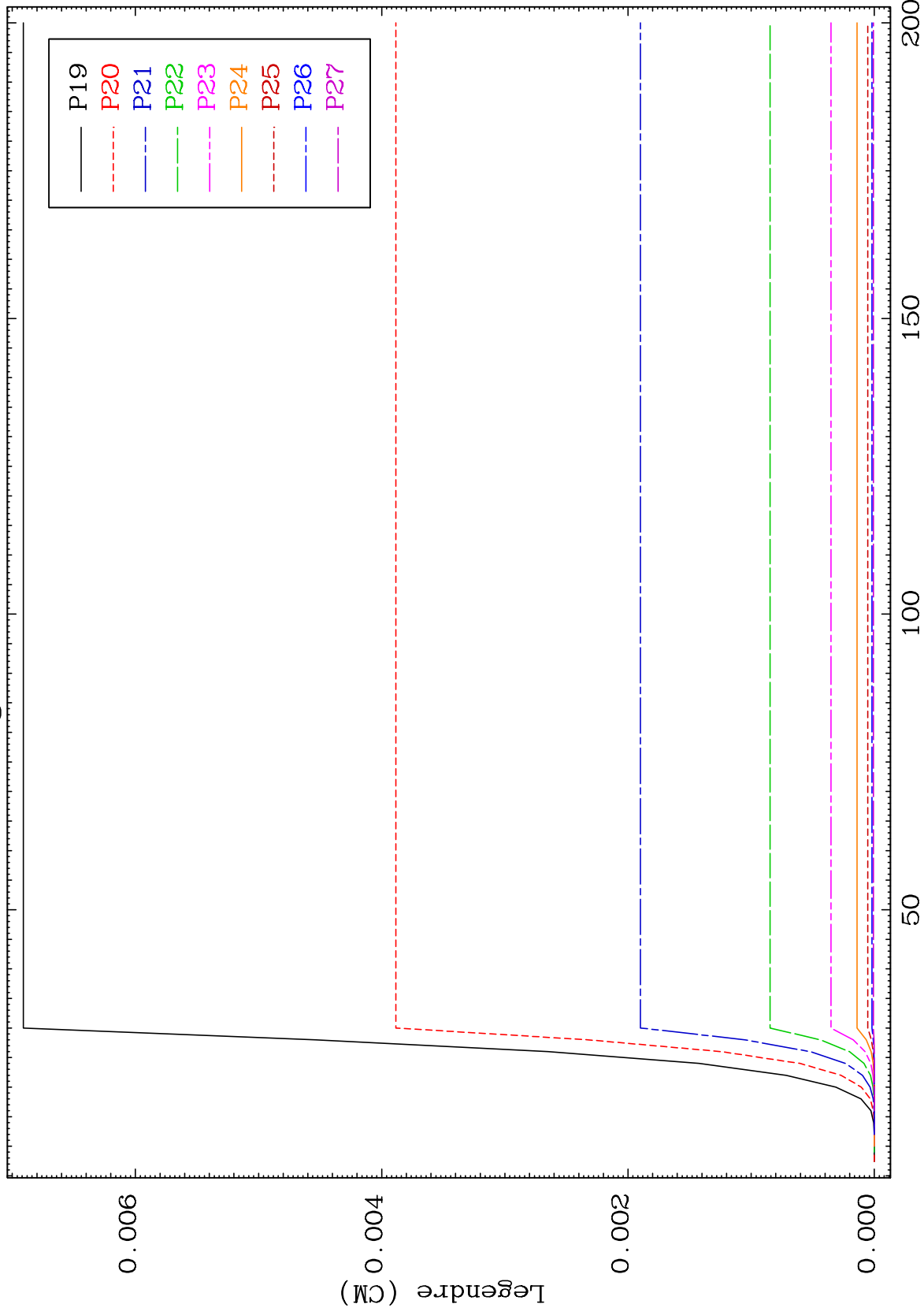
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



59

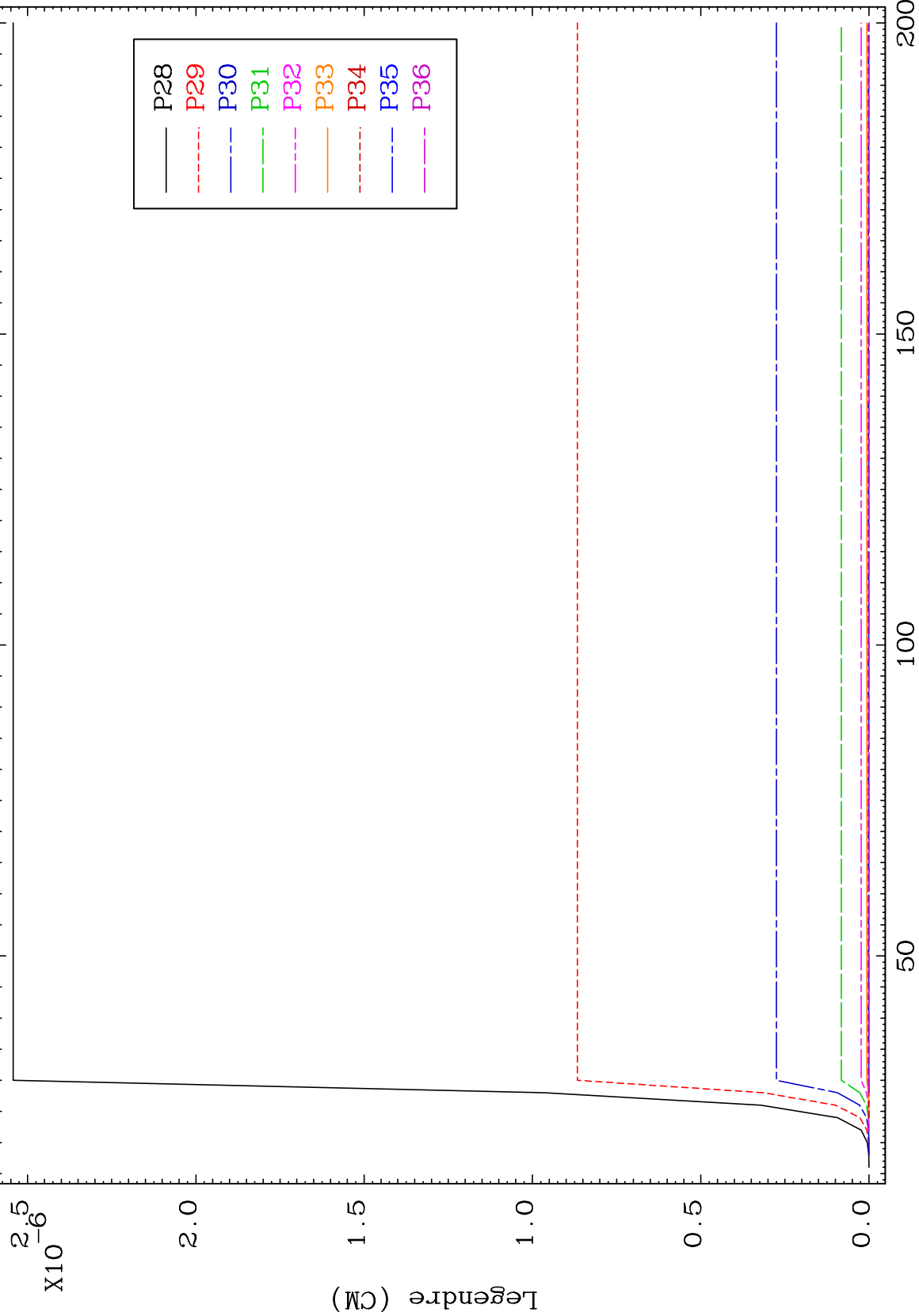
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



60

Incident Energy (MeV)

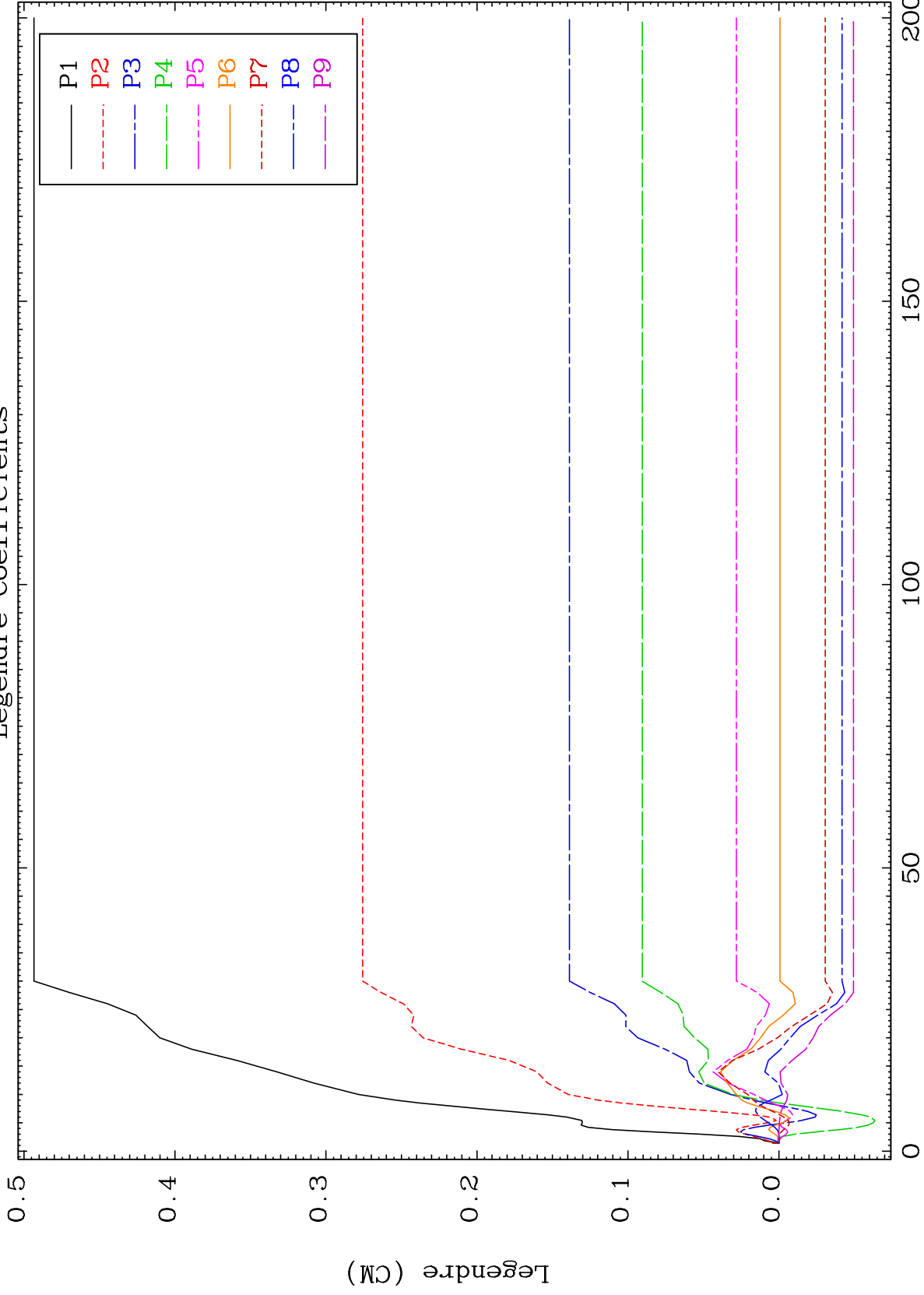
49-In-119

MAT 4943

MT= 62 (n,n') Level

49-In-119

Legendre Coefficients



Incident Energy (MeV)

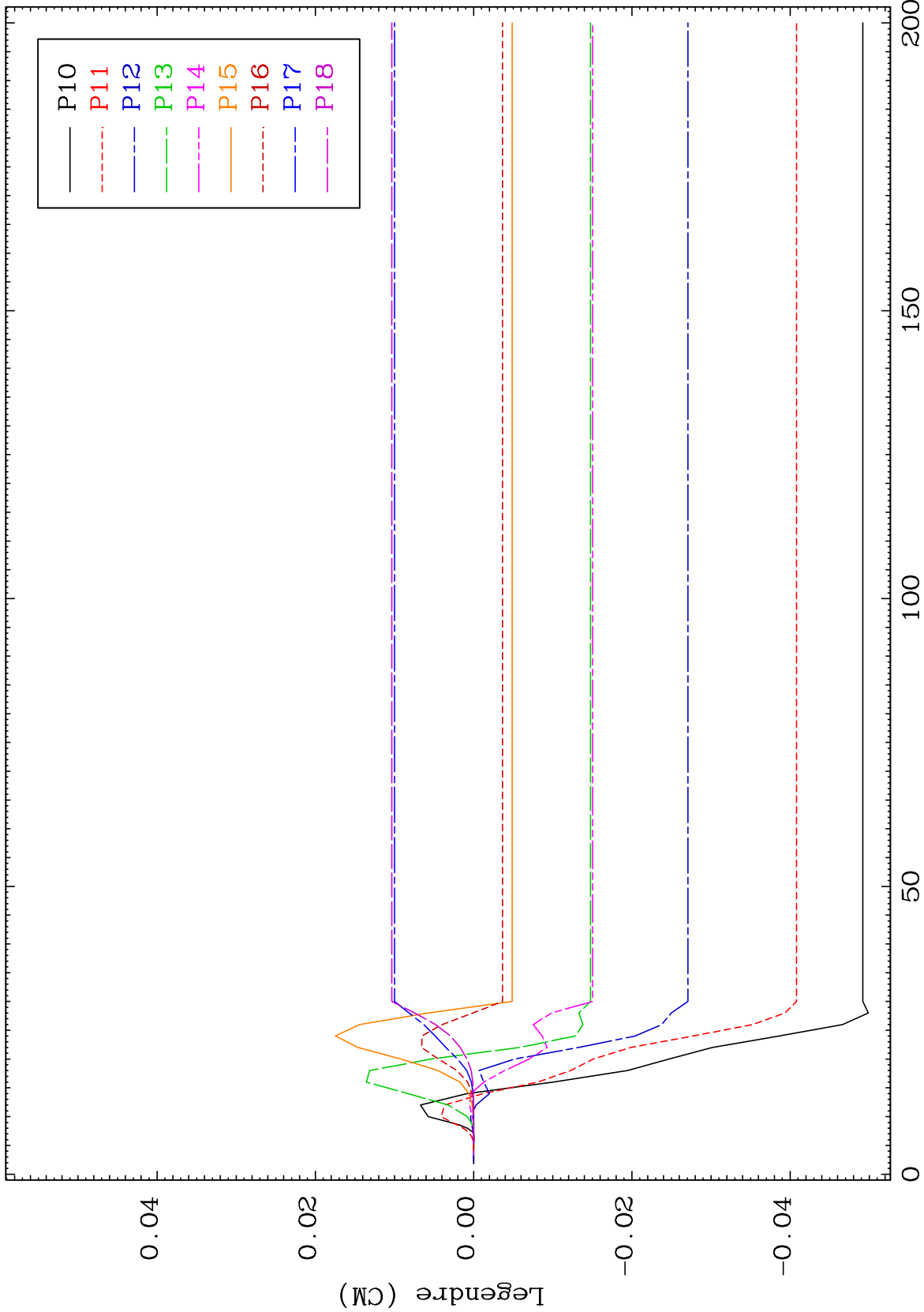
49-In-119

61

MAT 4943

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

49-In-119



62

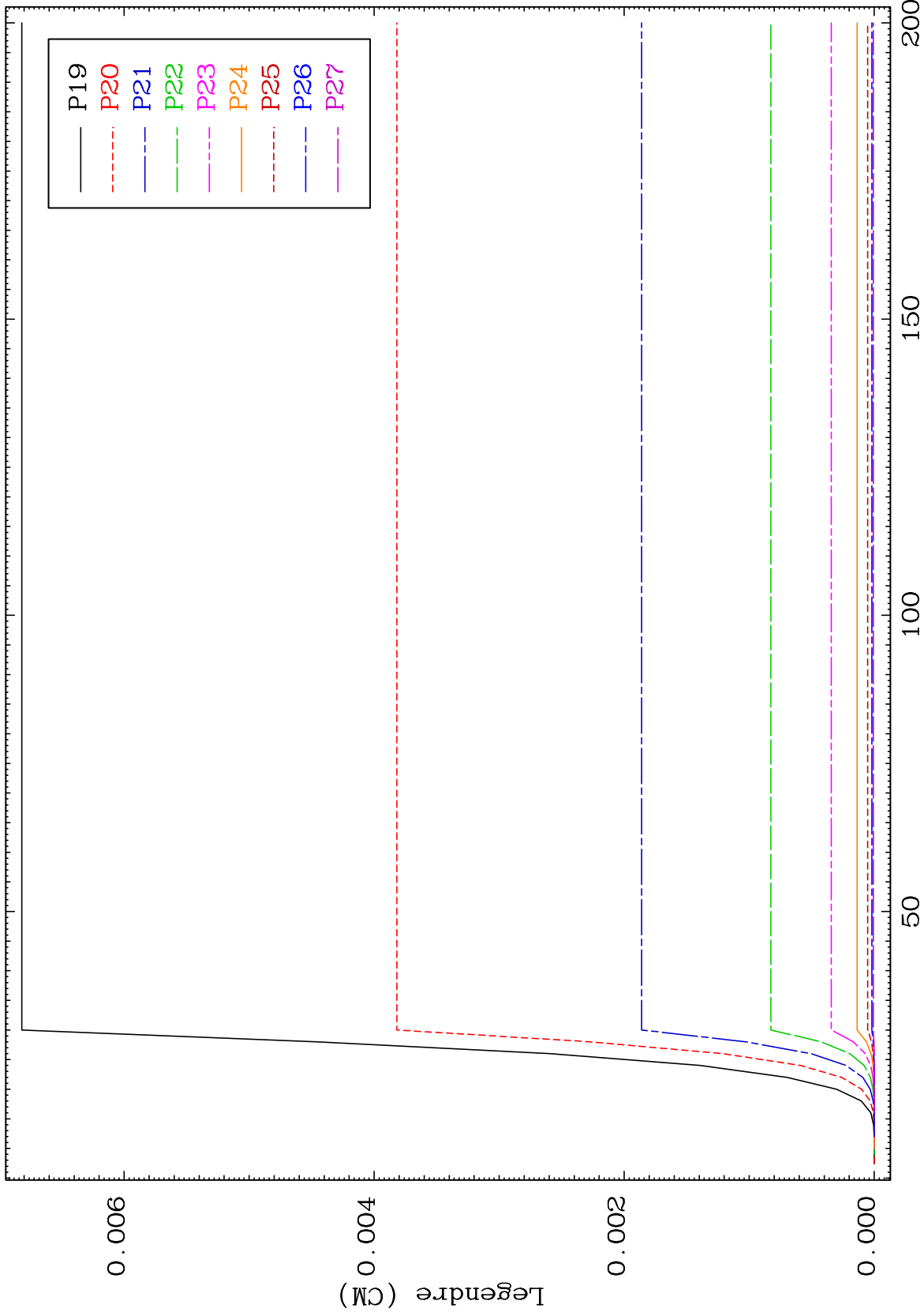
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



63

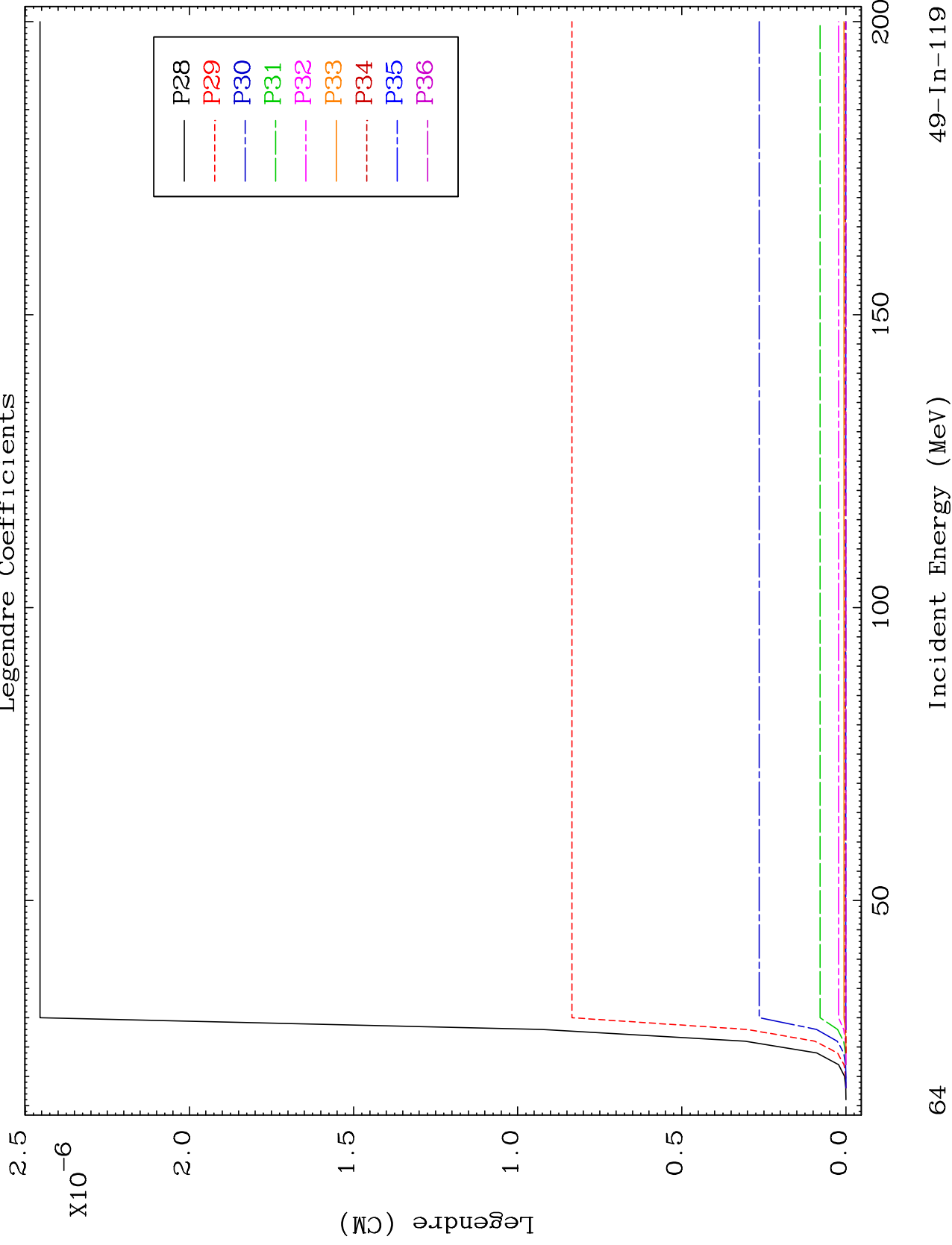
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



64

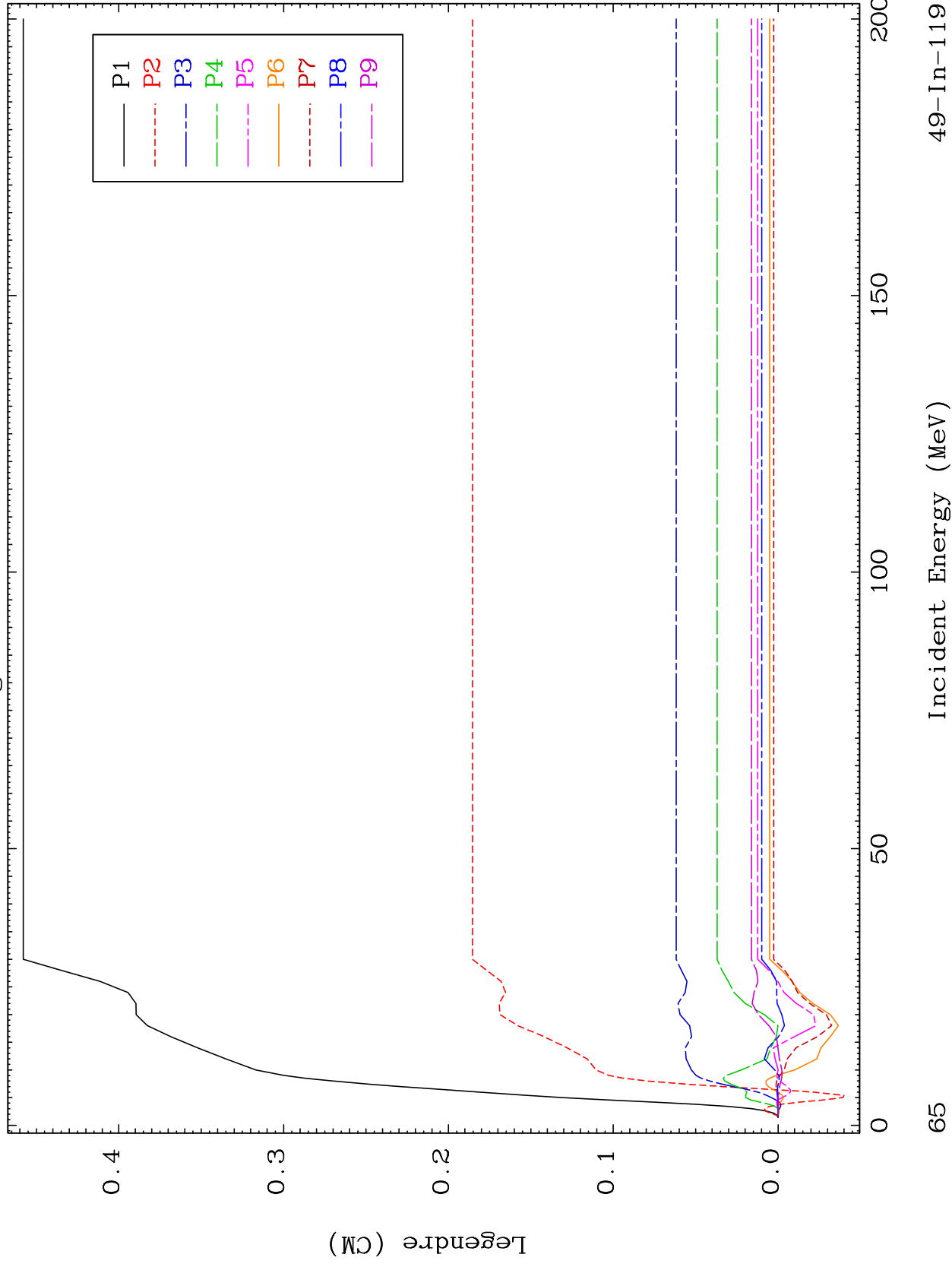
Incident Energy (MeV)

49-In-119

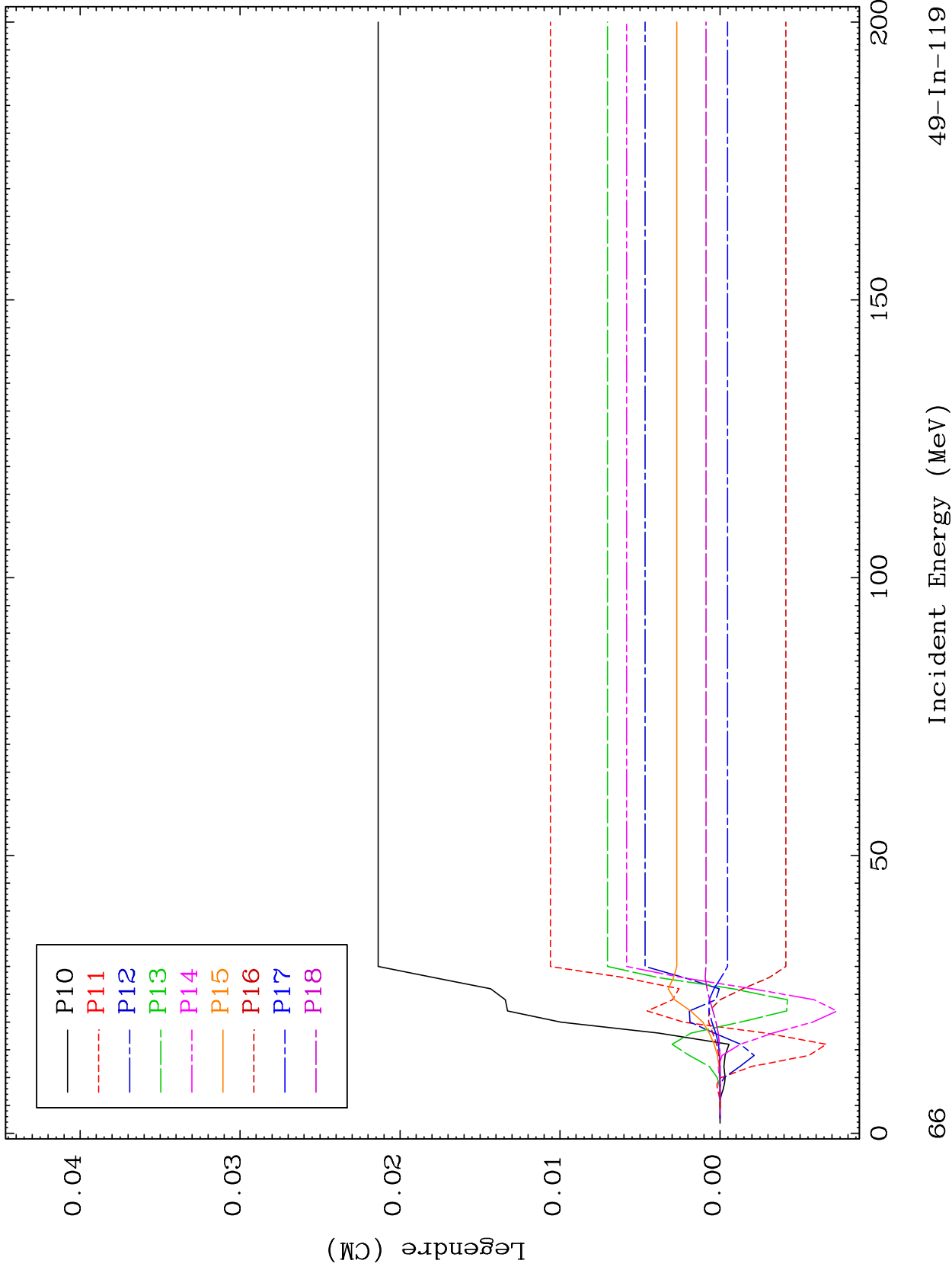
MAT 4943

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

49-In-119



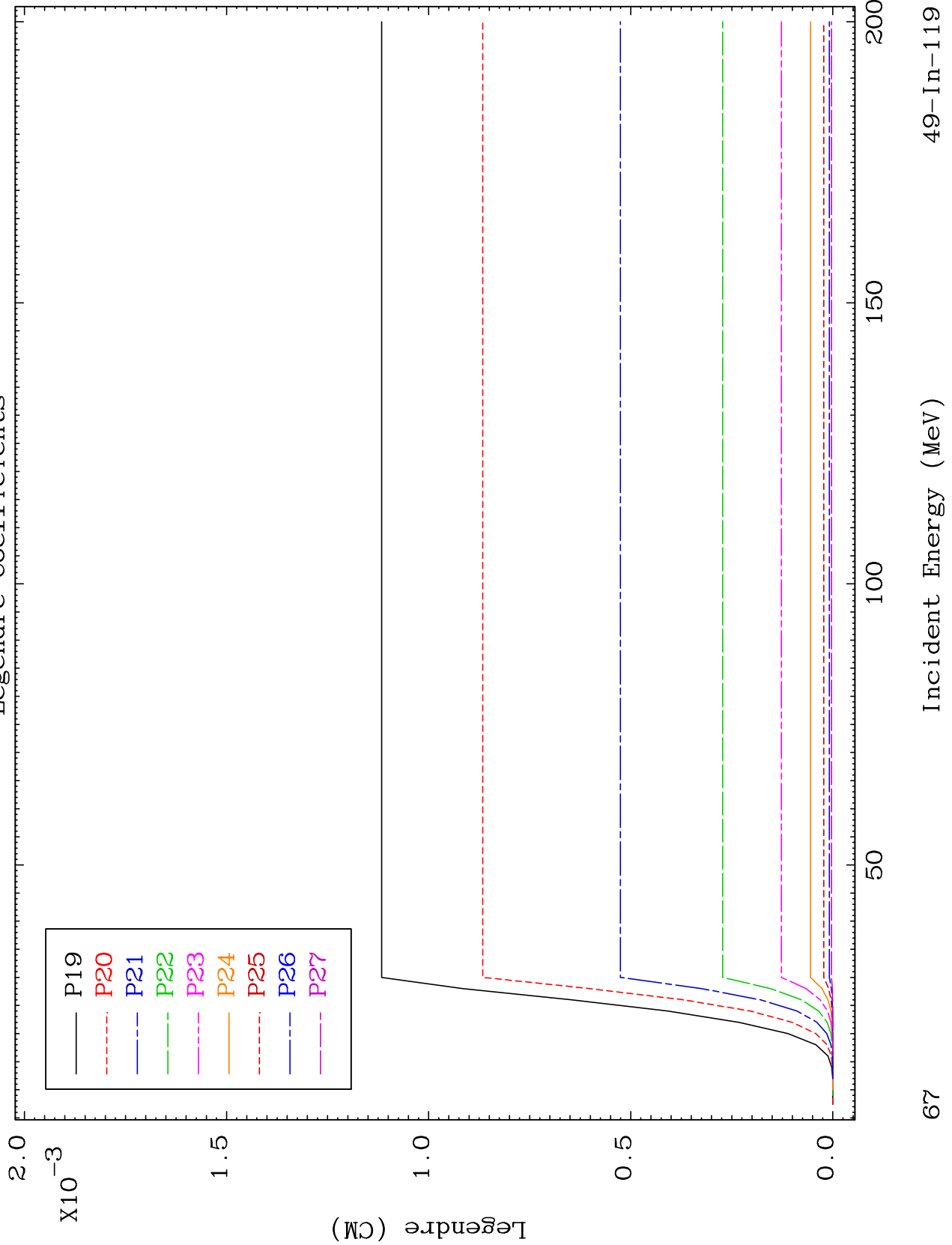
65



MAT 4943

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

49-In-119



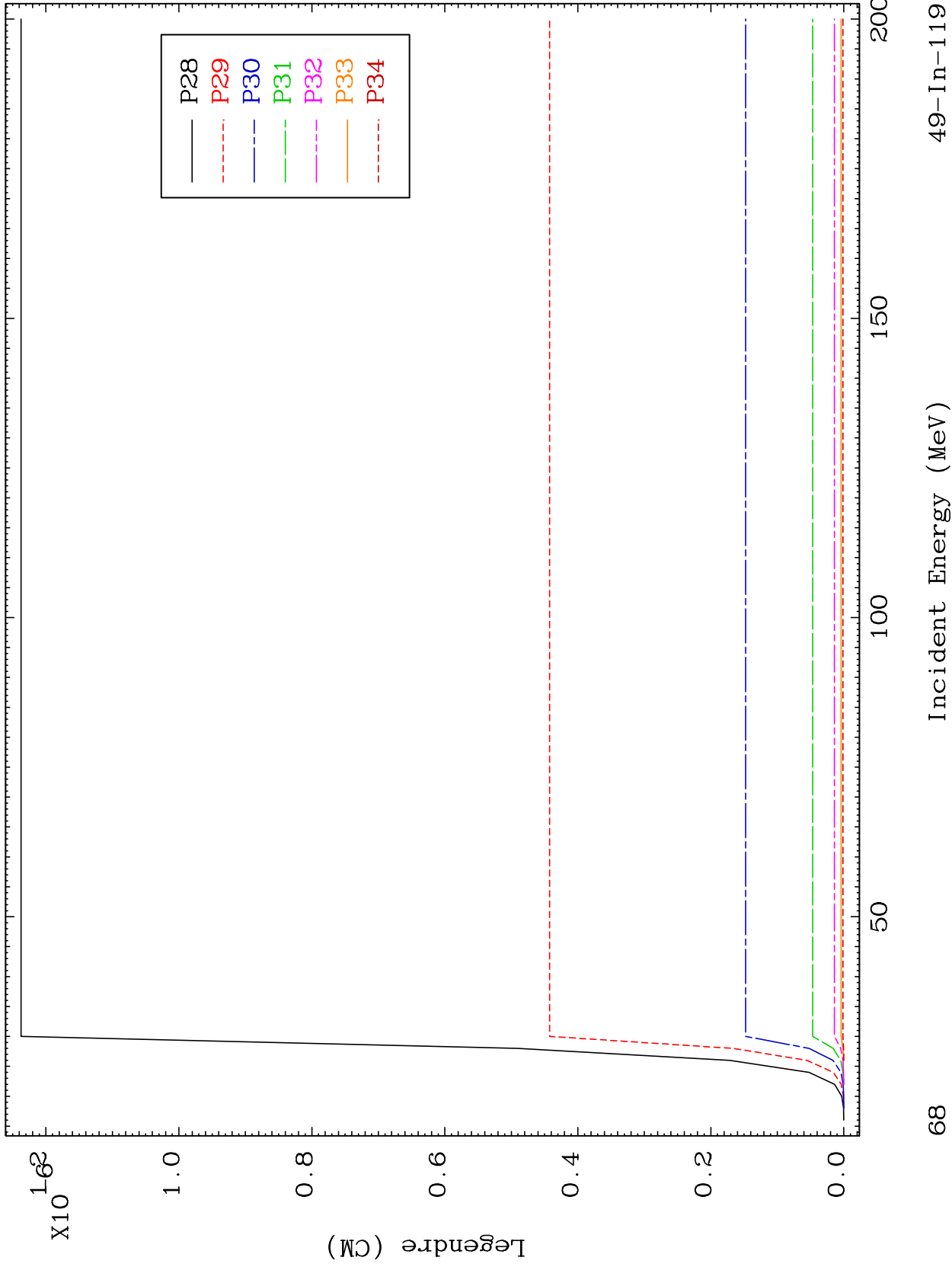
67

49-In-119

MAT 4943

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

49-In-119



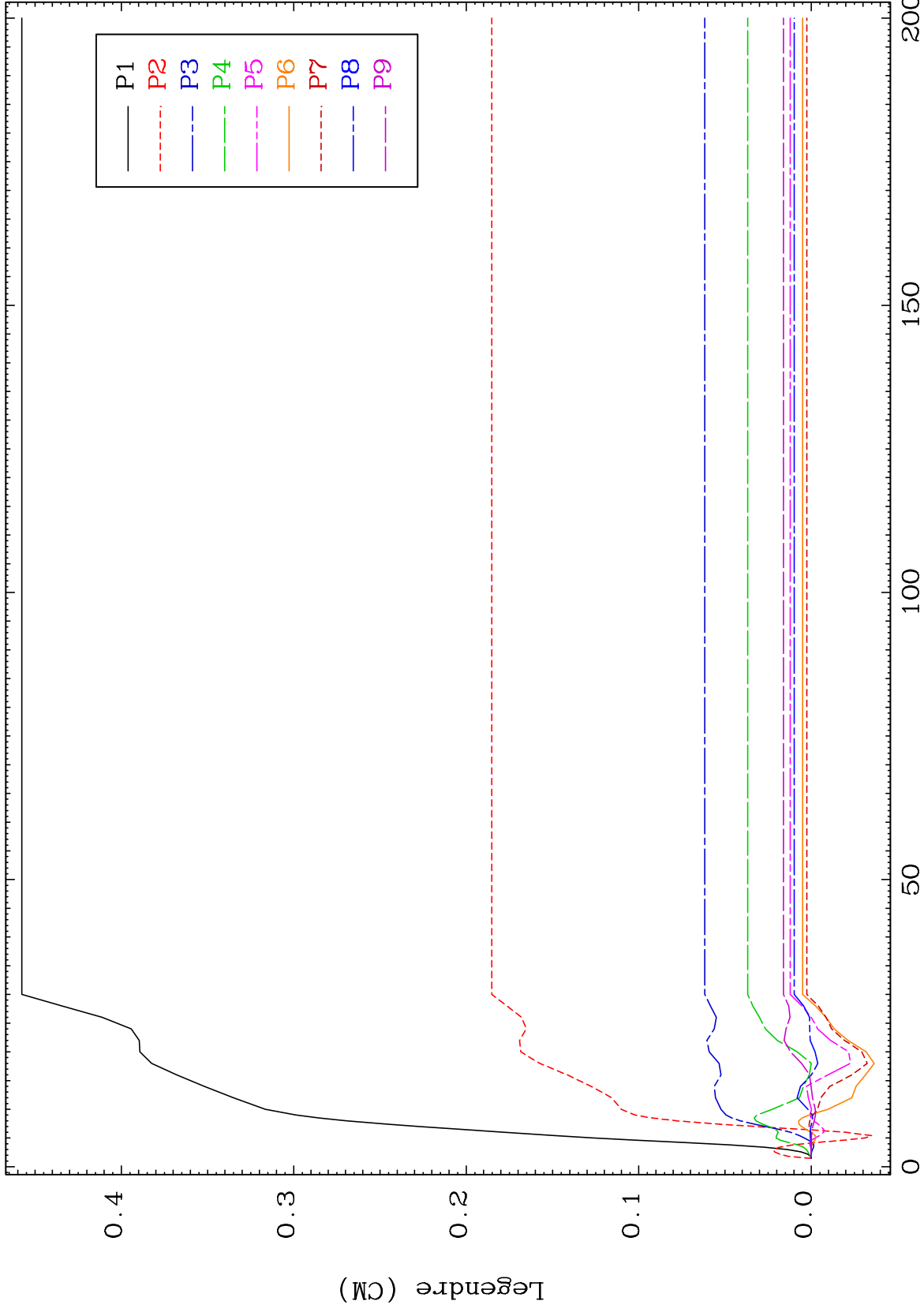
68

49-In-119

MAT 4943

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

49-In-119



69

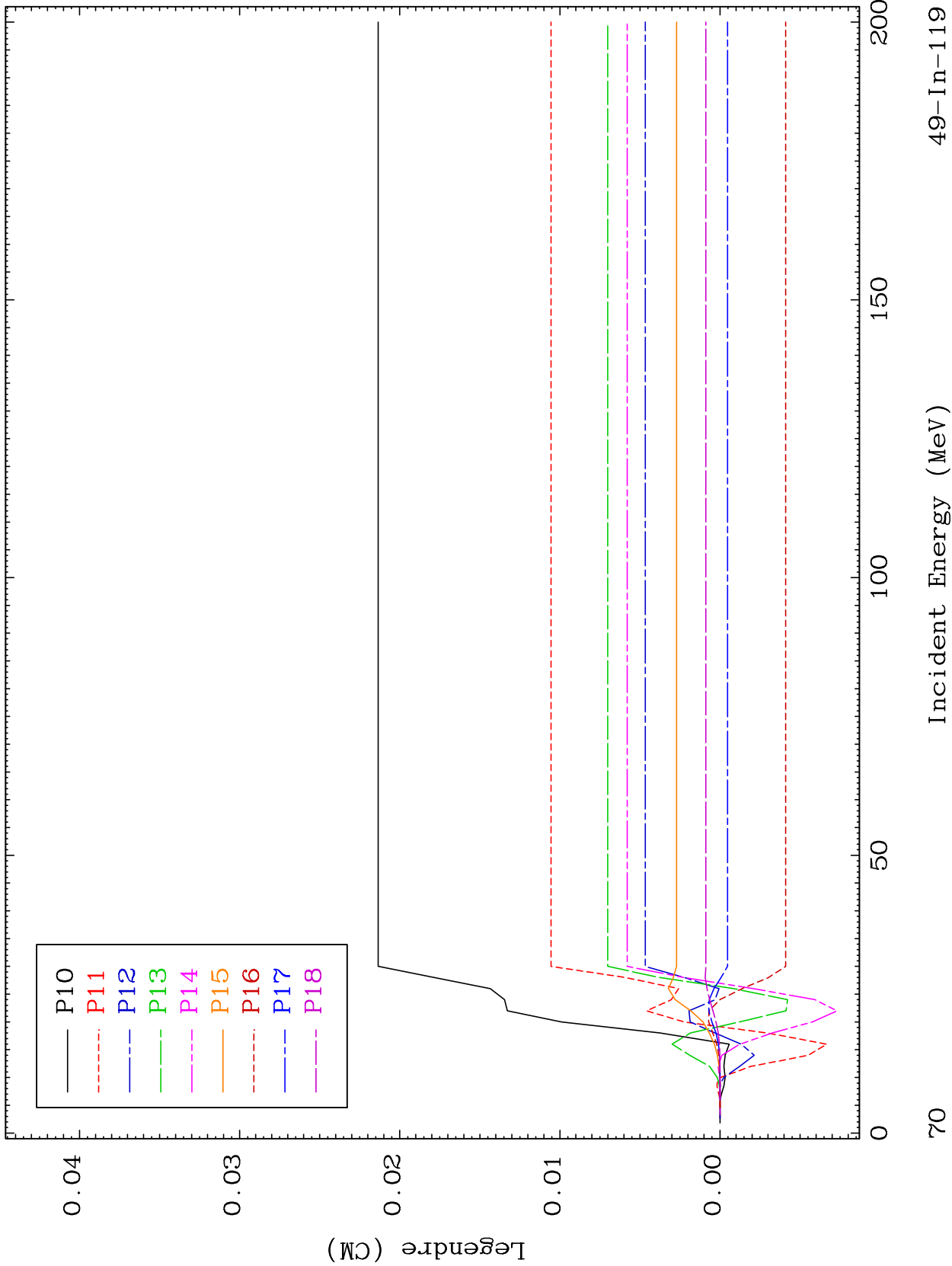
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



49-In-119

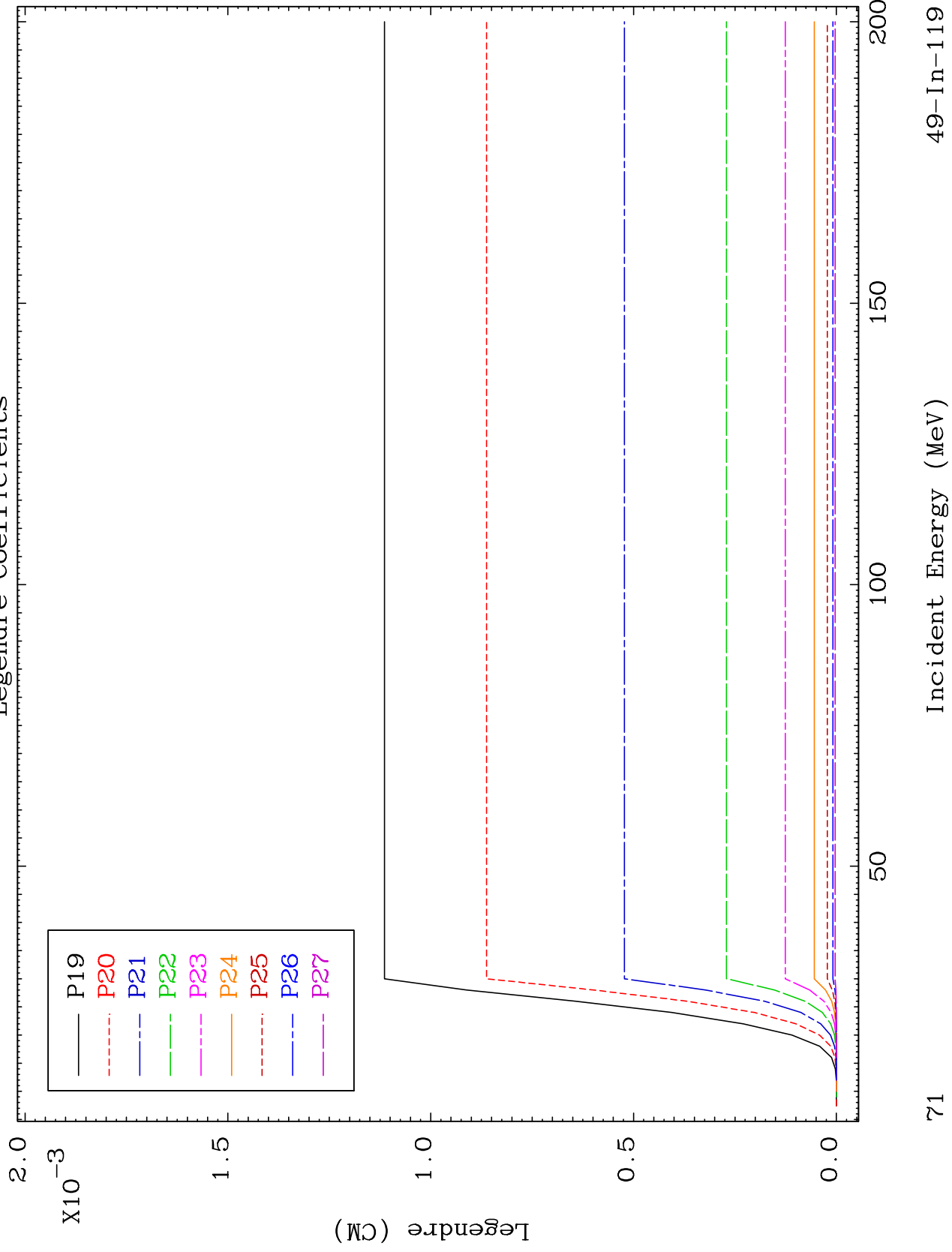
Incident Energy (MeV)

70

MAT 4943

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

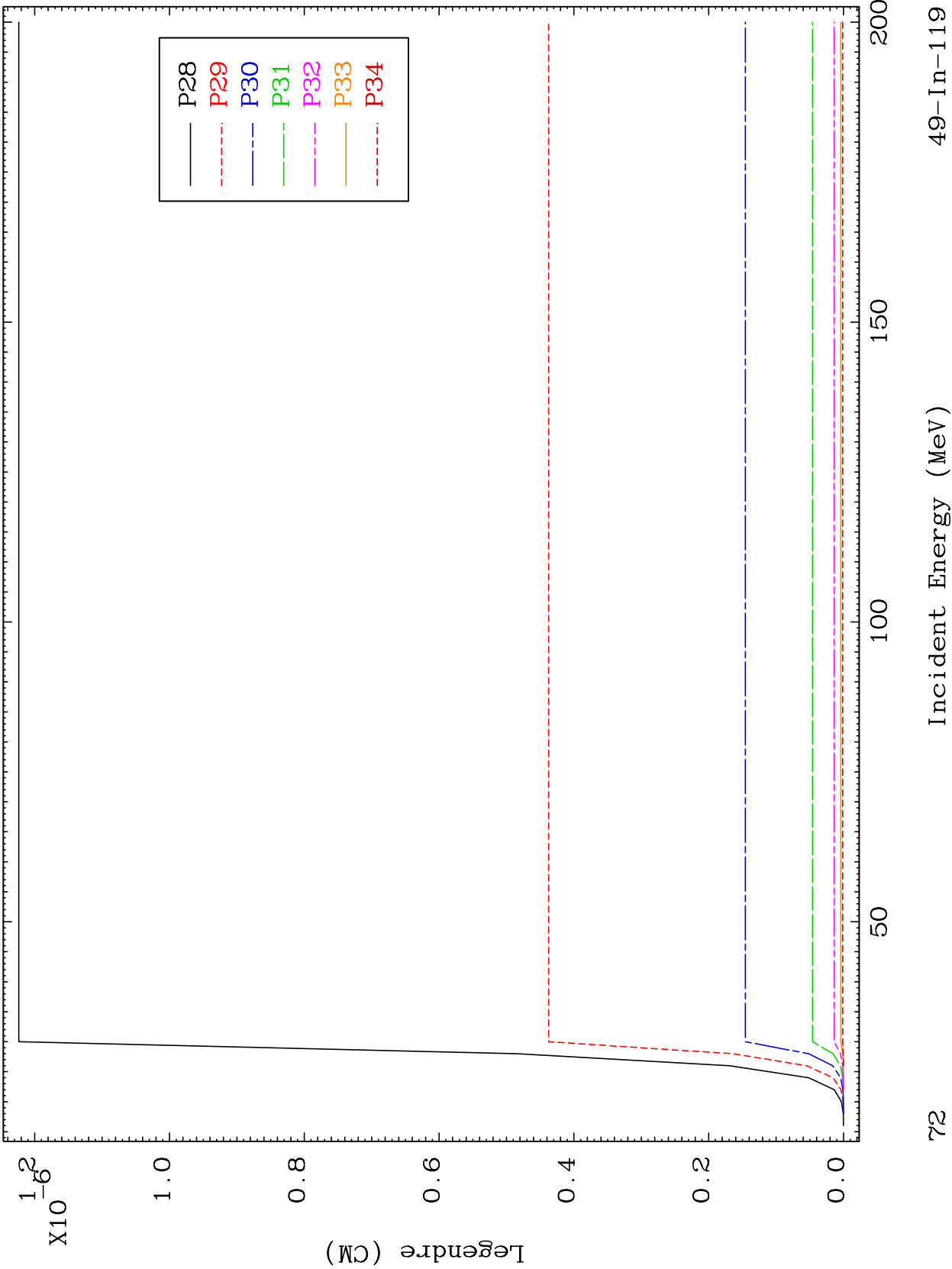
49-In-119



MAT 4943

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

49-In-119



72

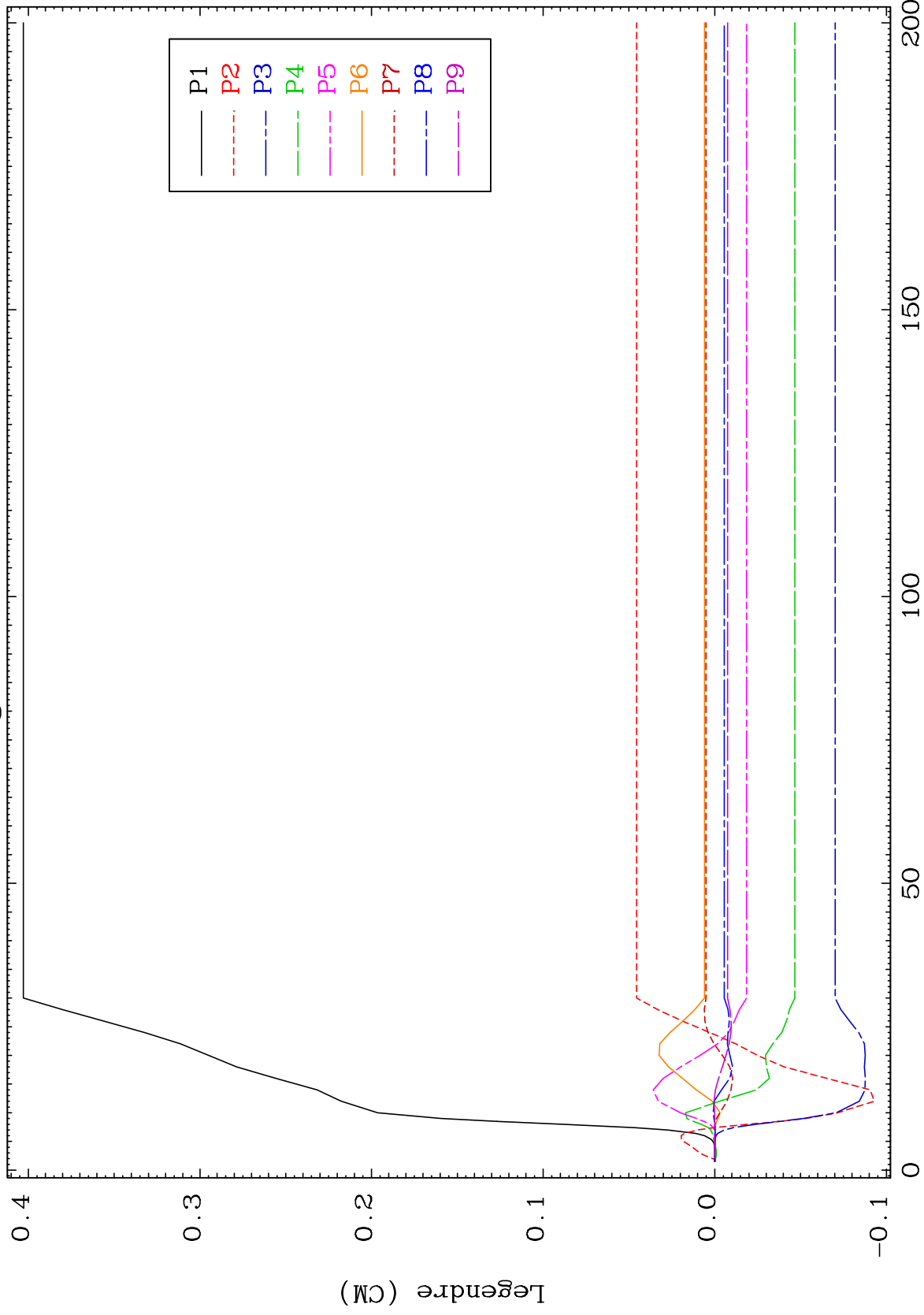
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



73

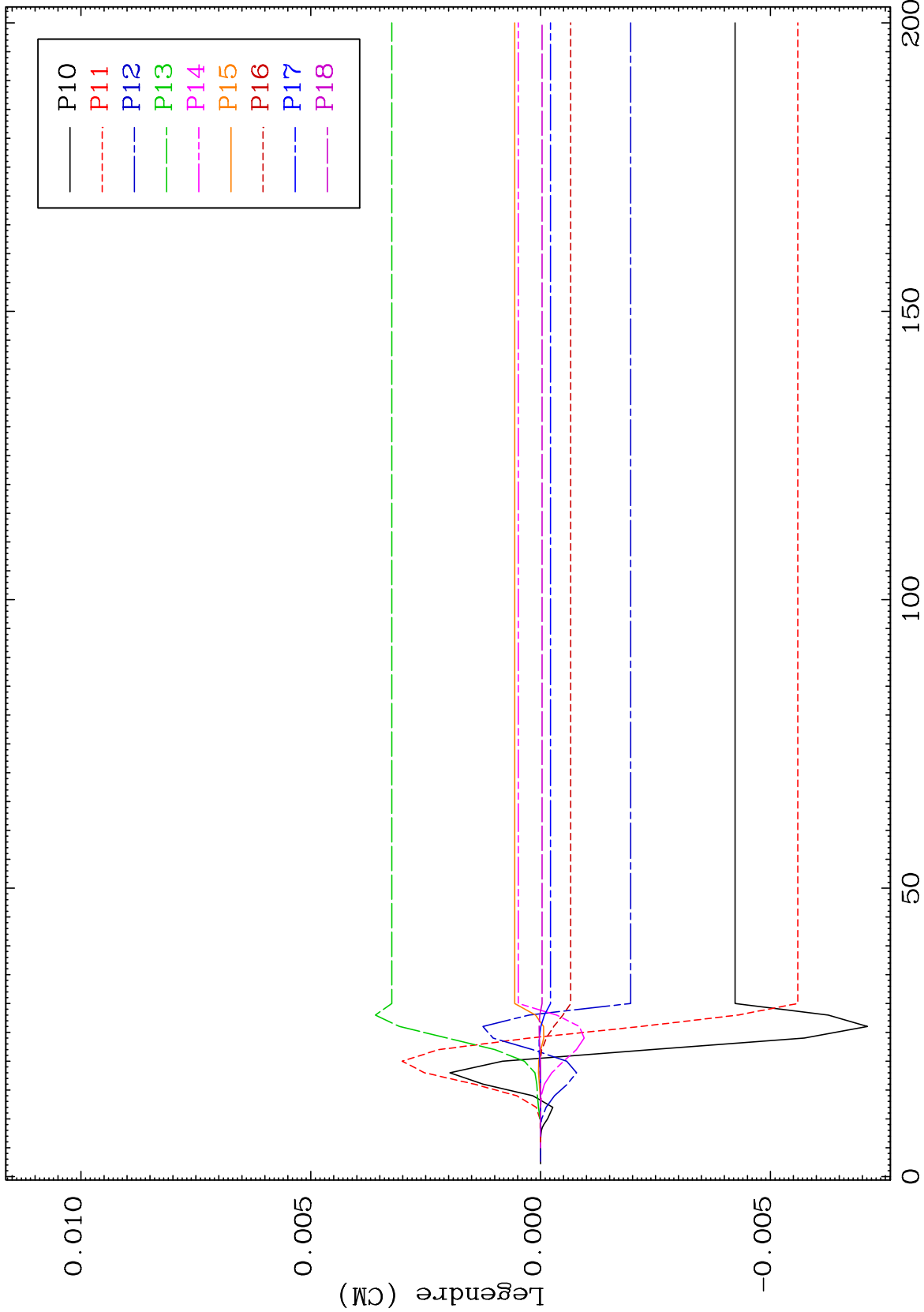
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



74

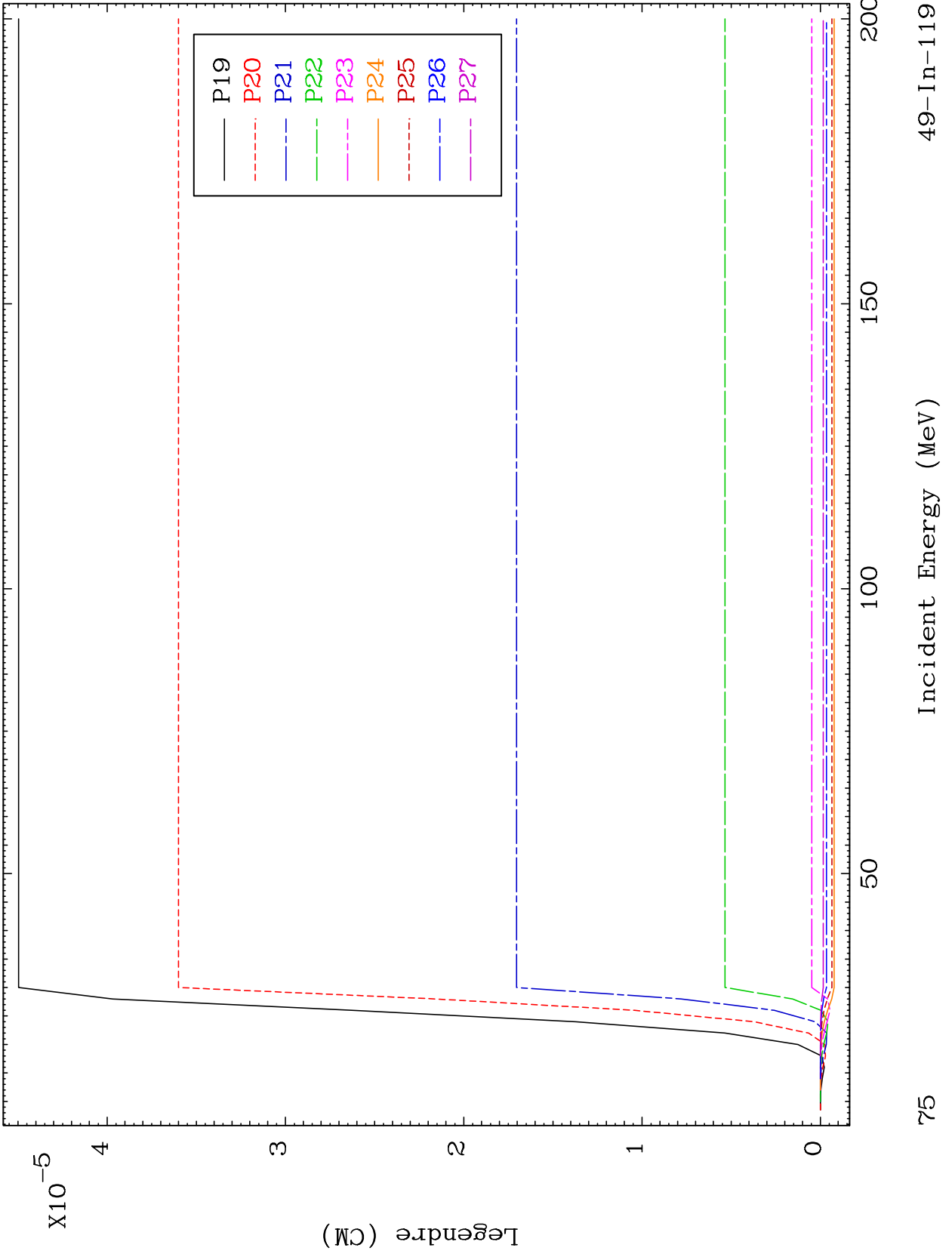
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



49-In-119

Incident Energy (MeV)

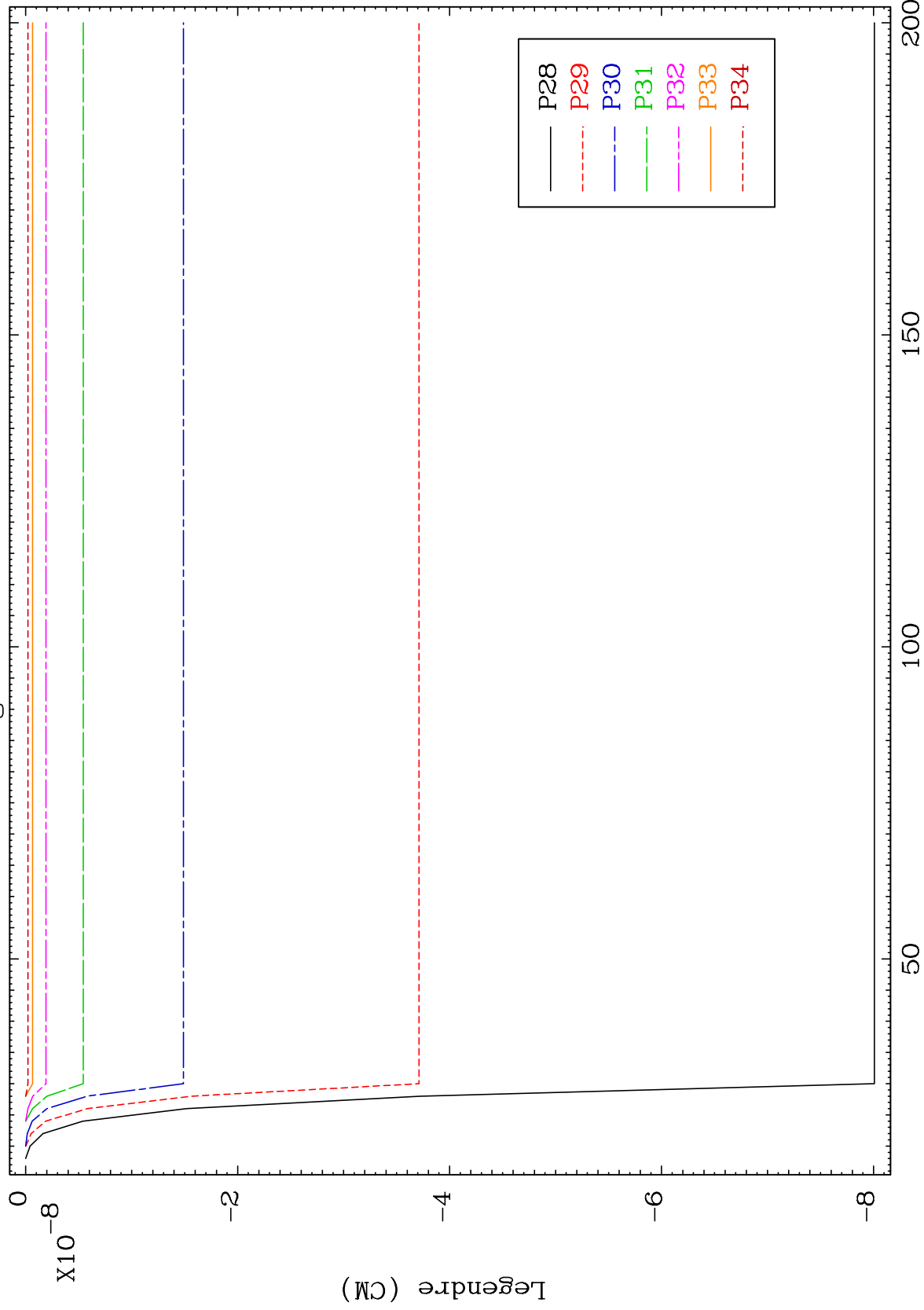
75

MAT 4943

MT= 65 (n,n') Level

49-In-119

Legendre Coefficients



76

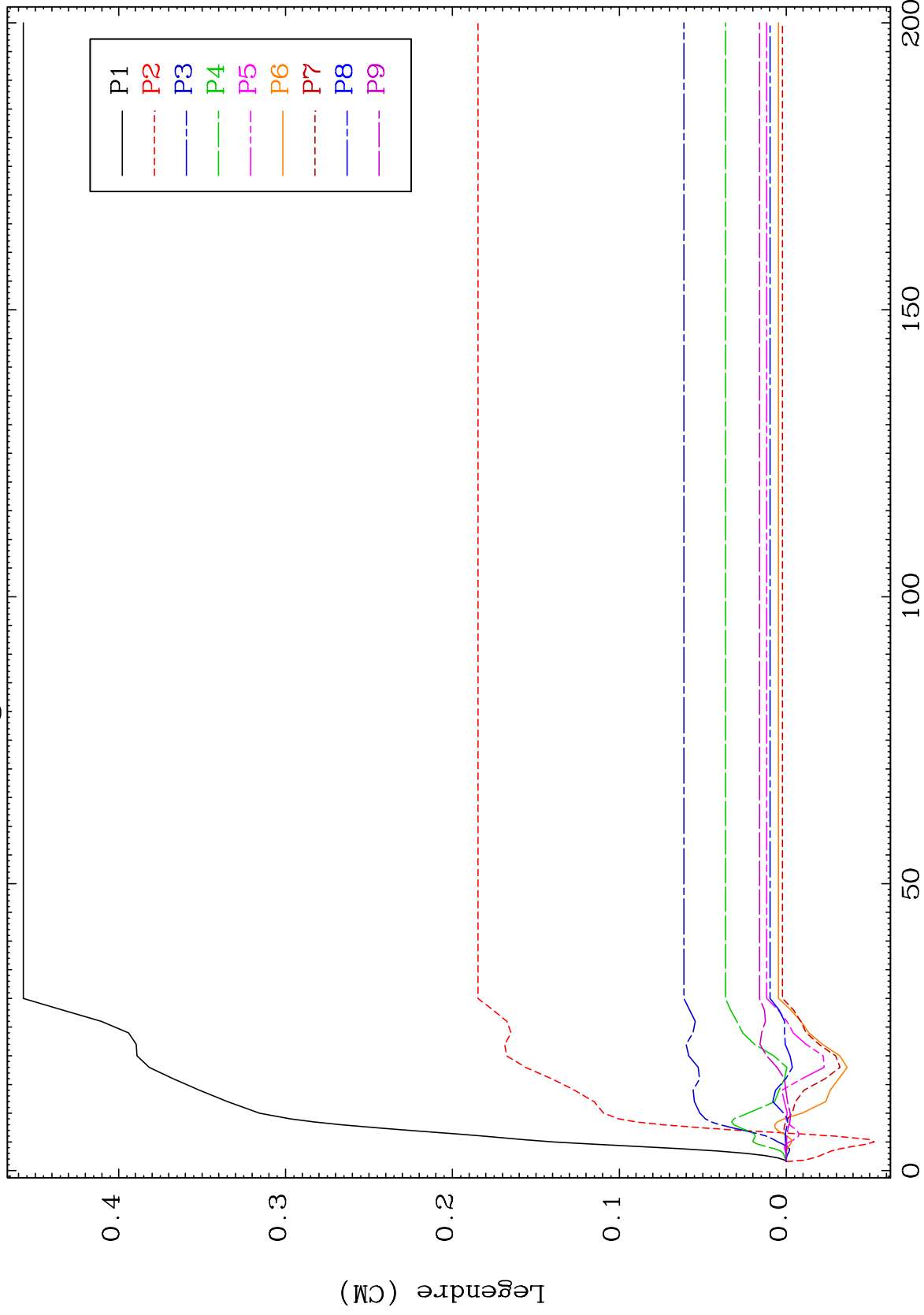
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



77

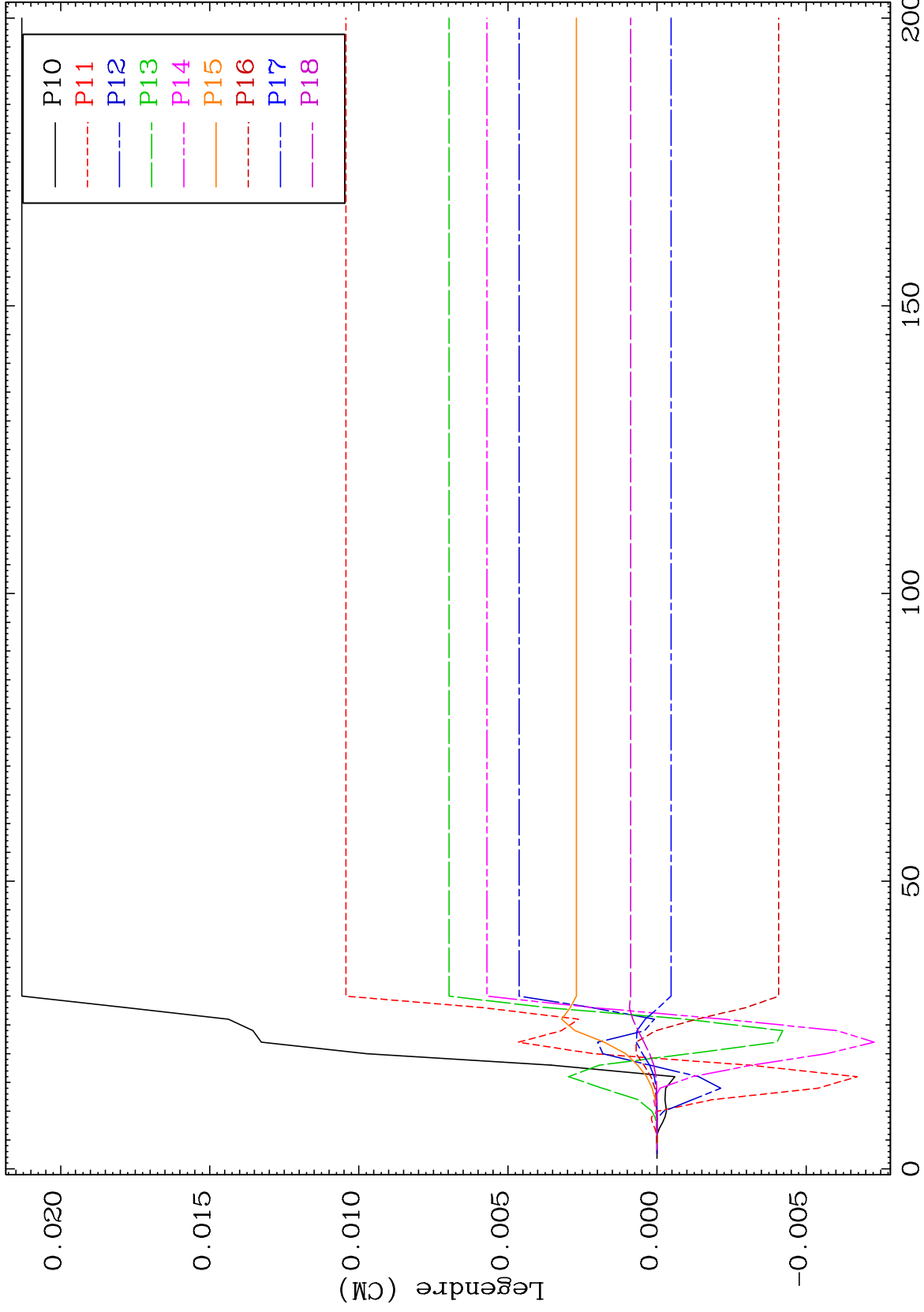
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



78

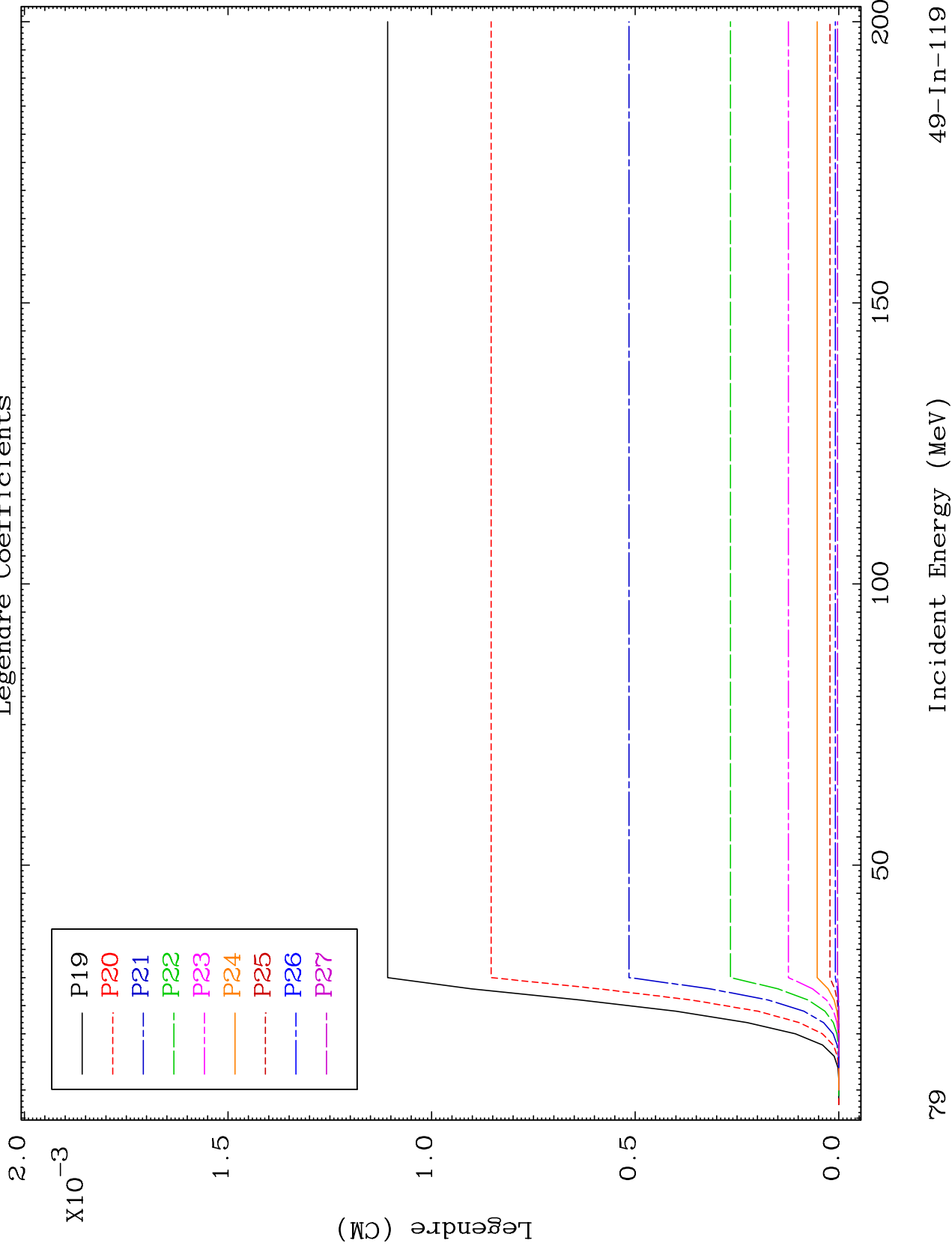
Incident Energy (MeV)

49-In-119

MAT 4943

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

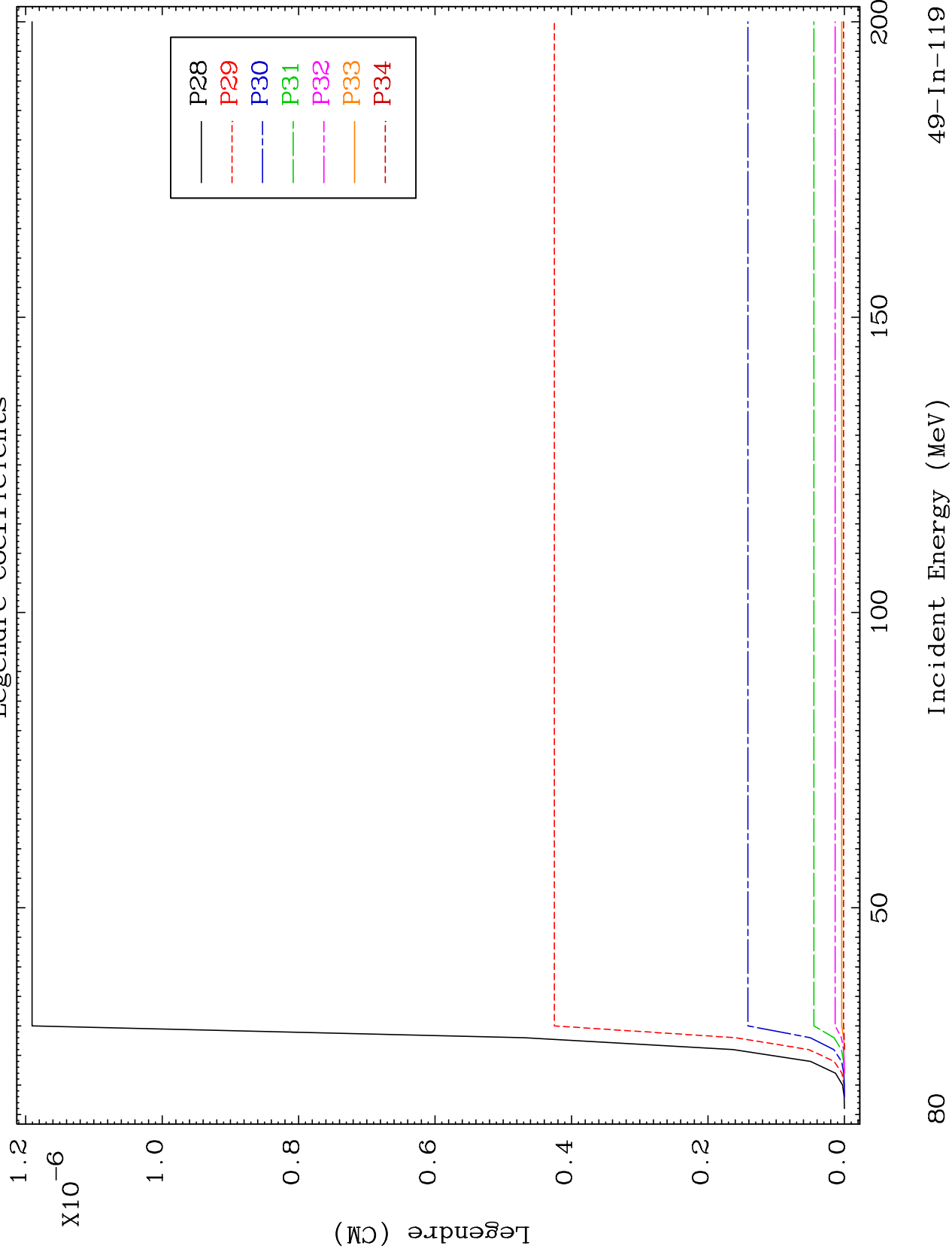
49-In-119



MAT 4943

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

49-In-119

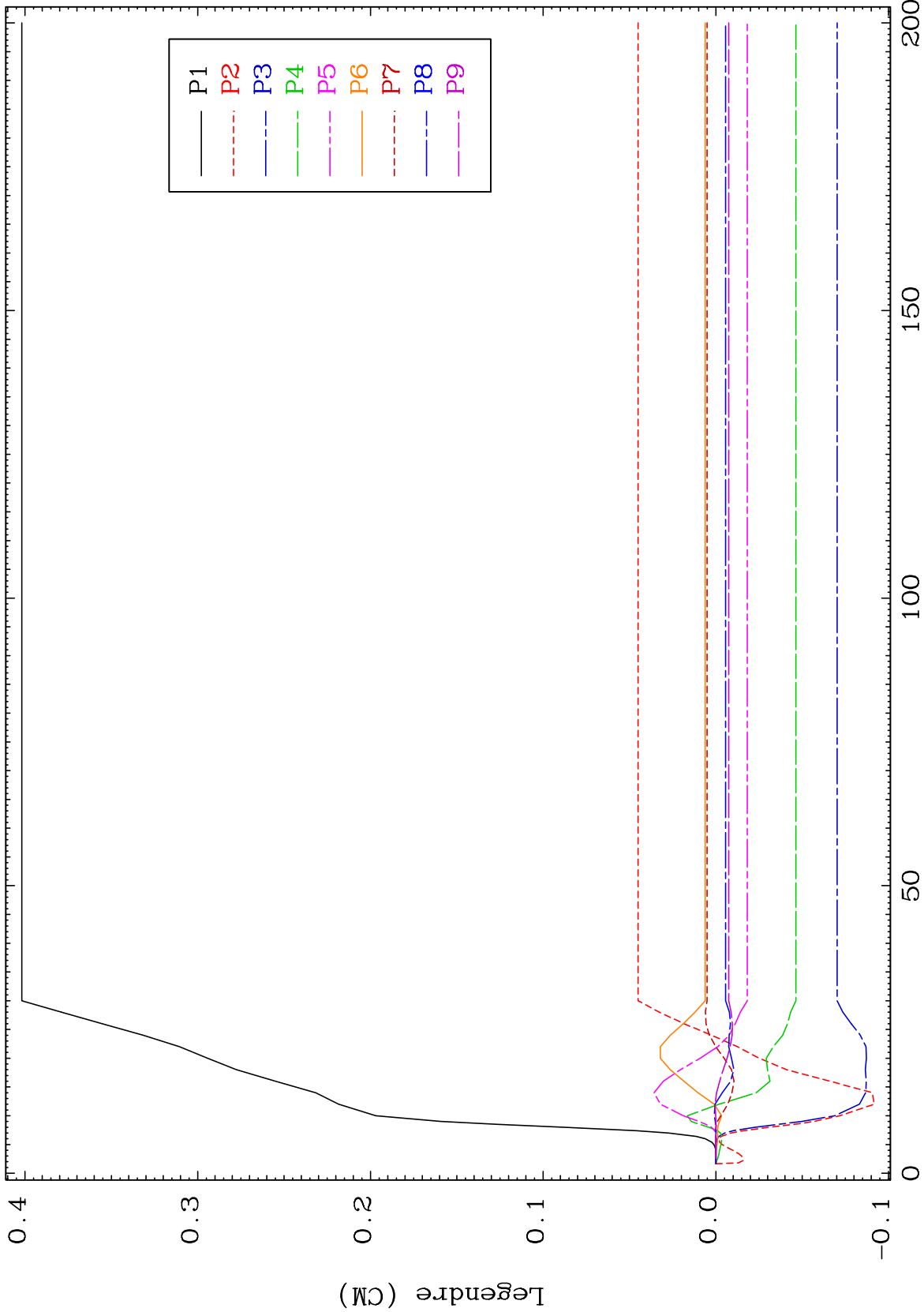


49-In-119

MAT 4943

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

49-In-119



81

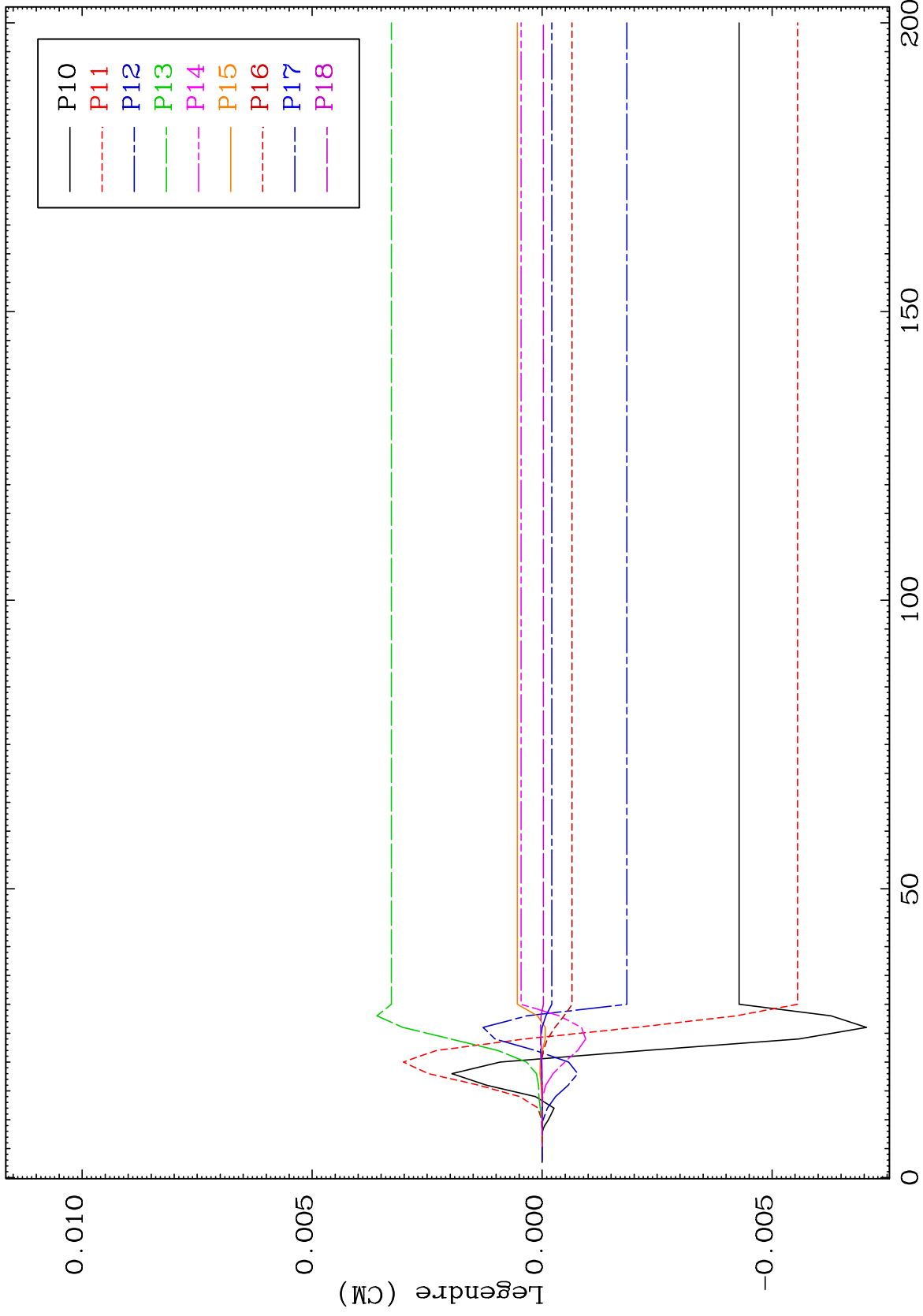
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



82

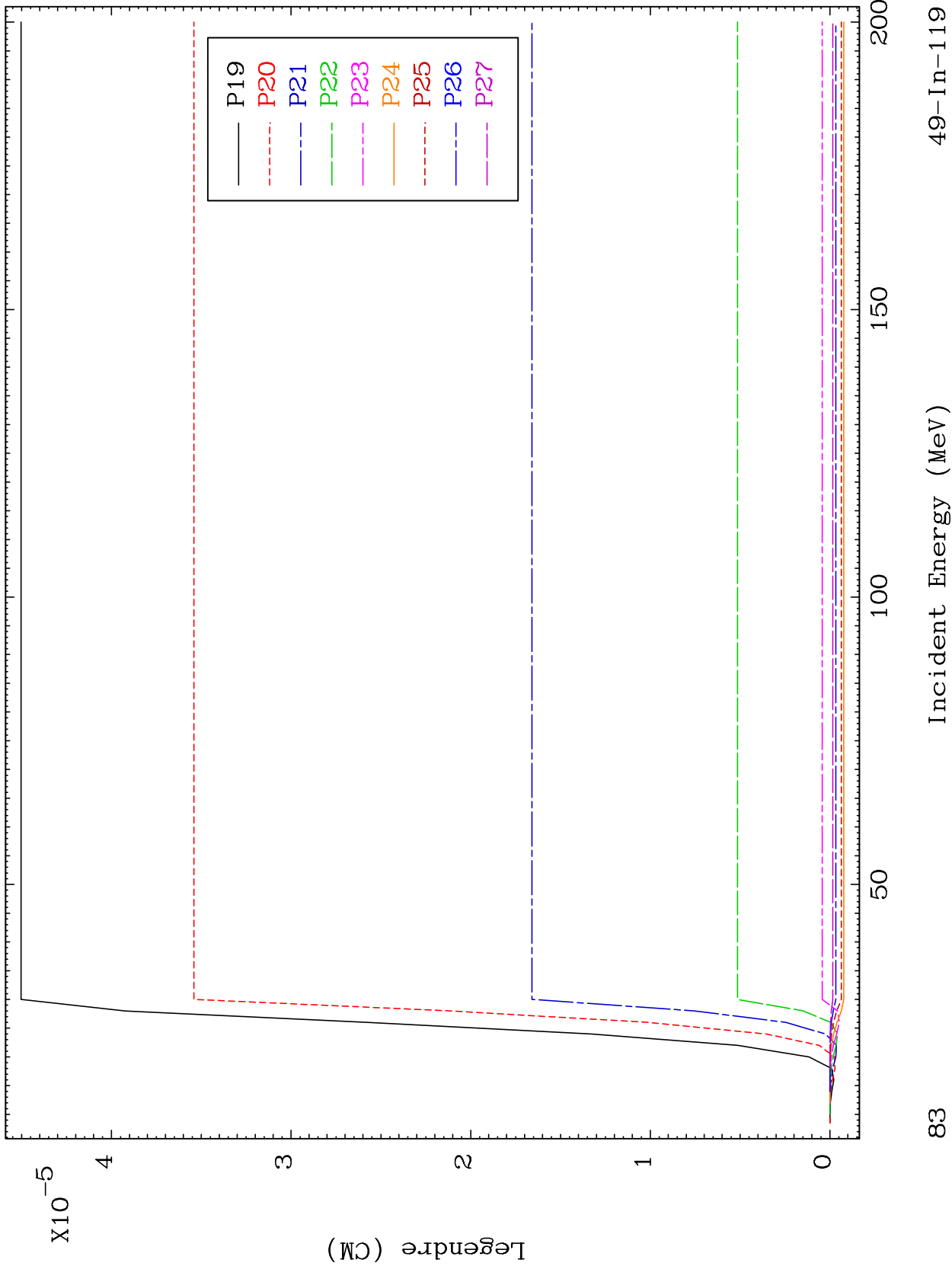
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



83

Incident Energy (MeV)

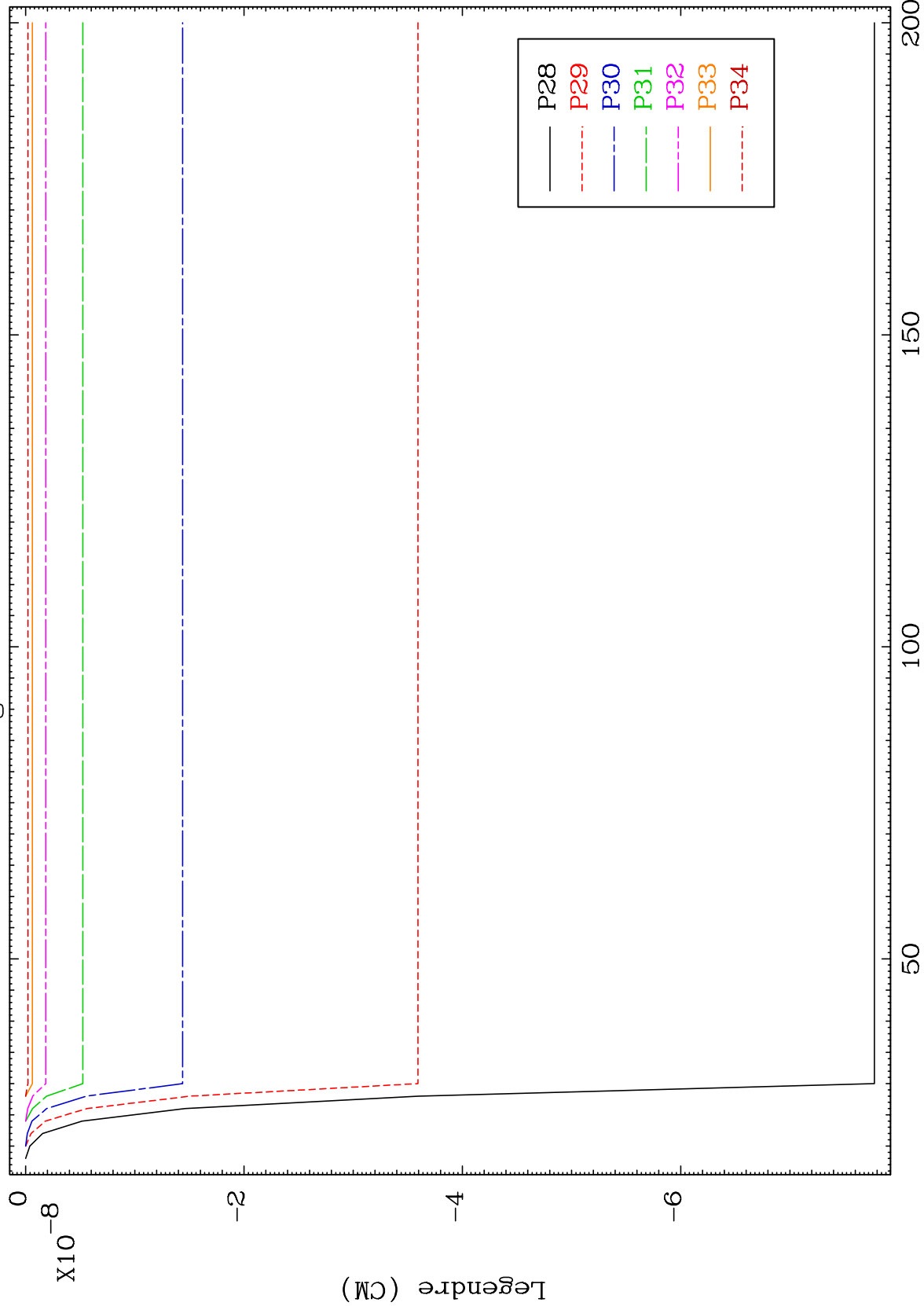
49-In-119

MAT 4943

MT= 67 (n,n') Level

49-In-119

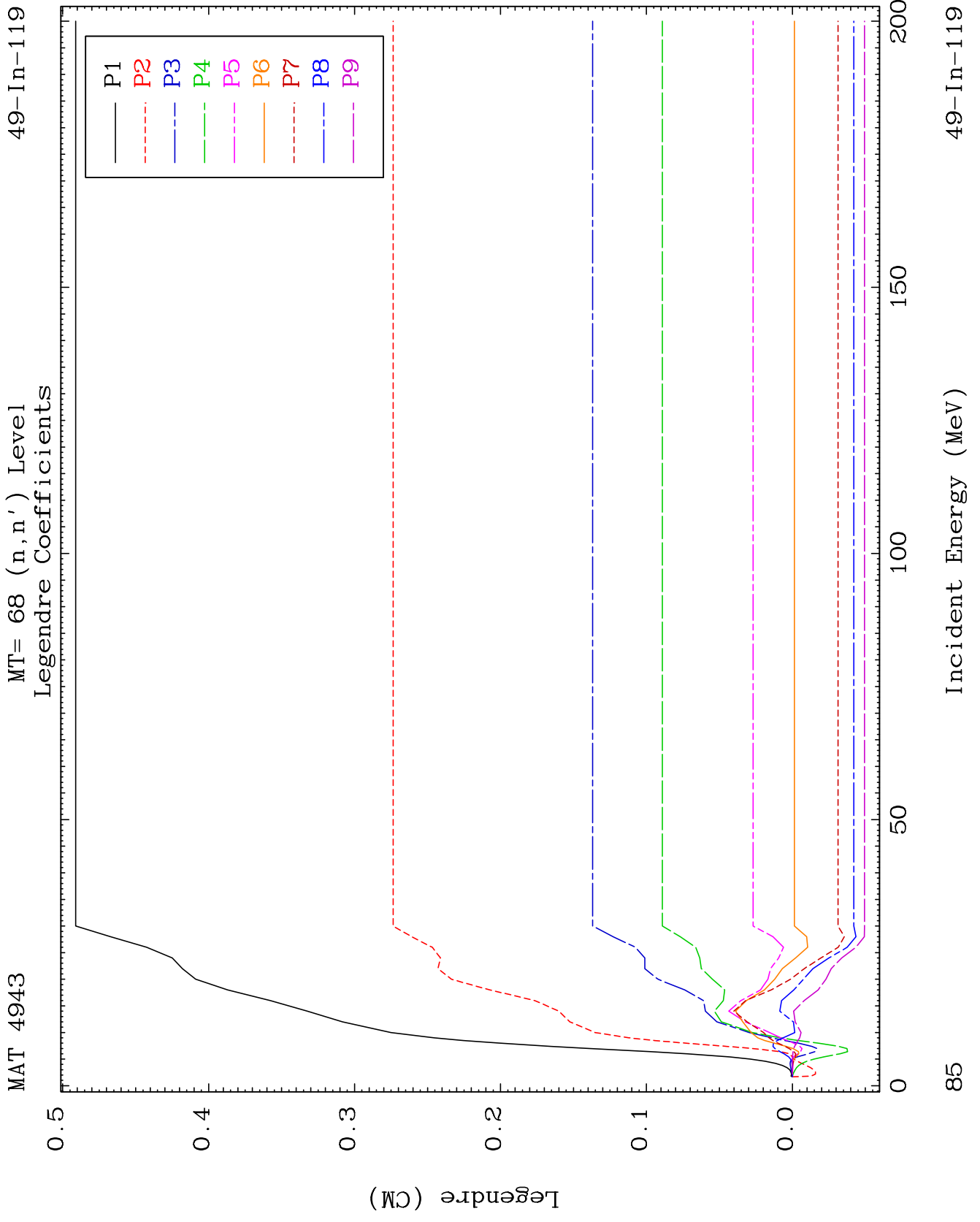
Legendre Coefficients



84

Incident Energy (MeV)

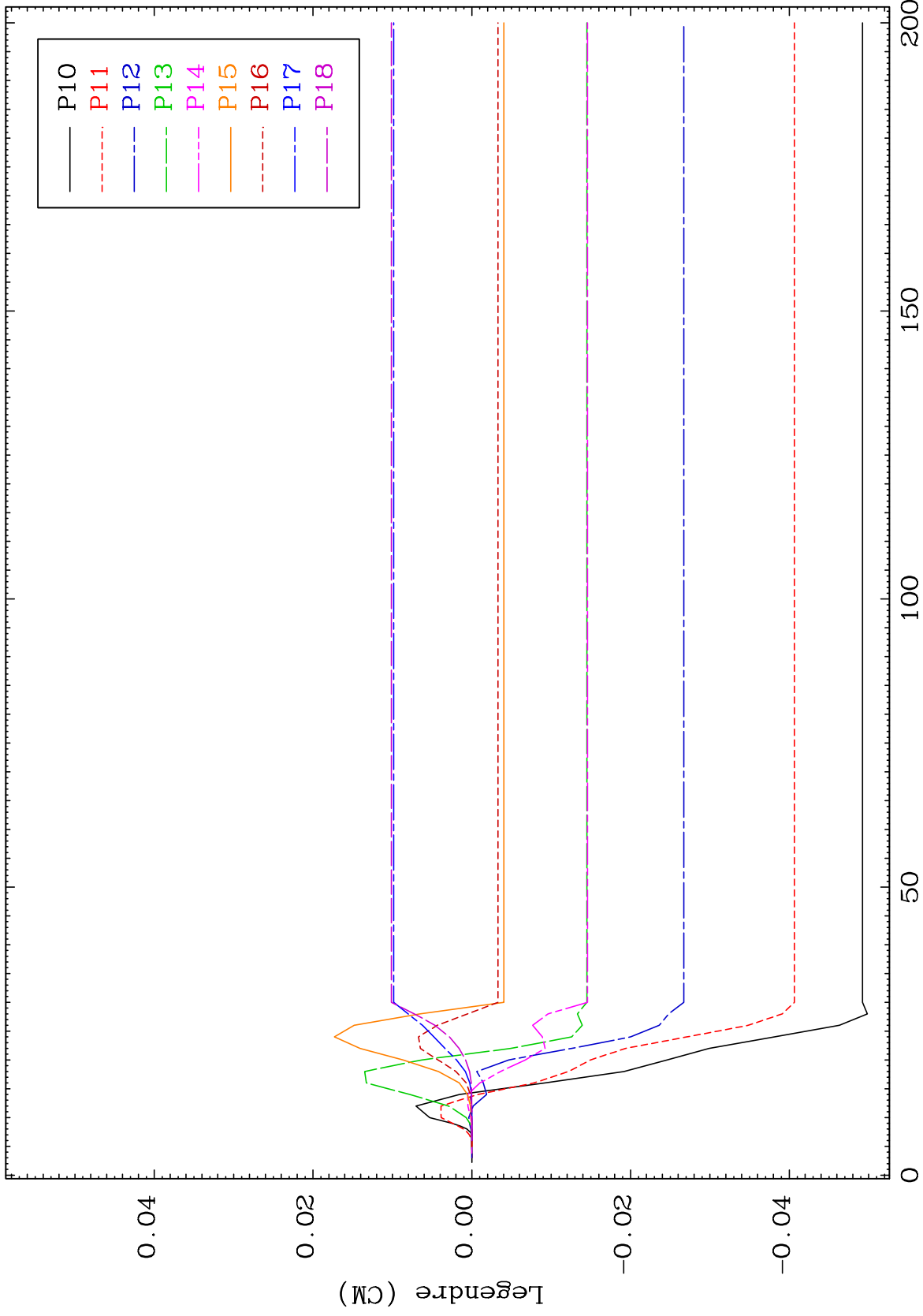
49-In-119



MAT 4943

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

49-In-119



86

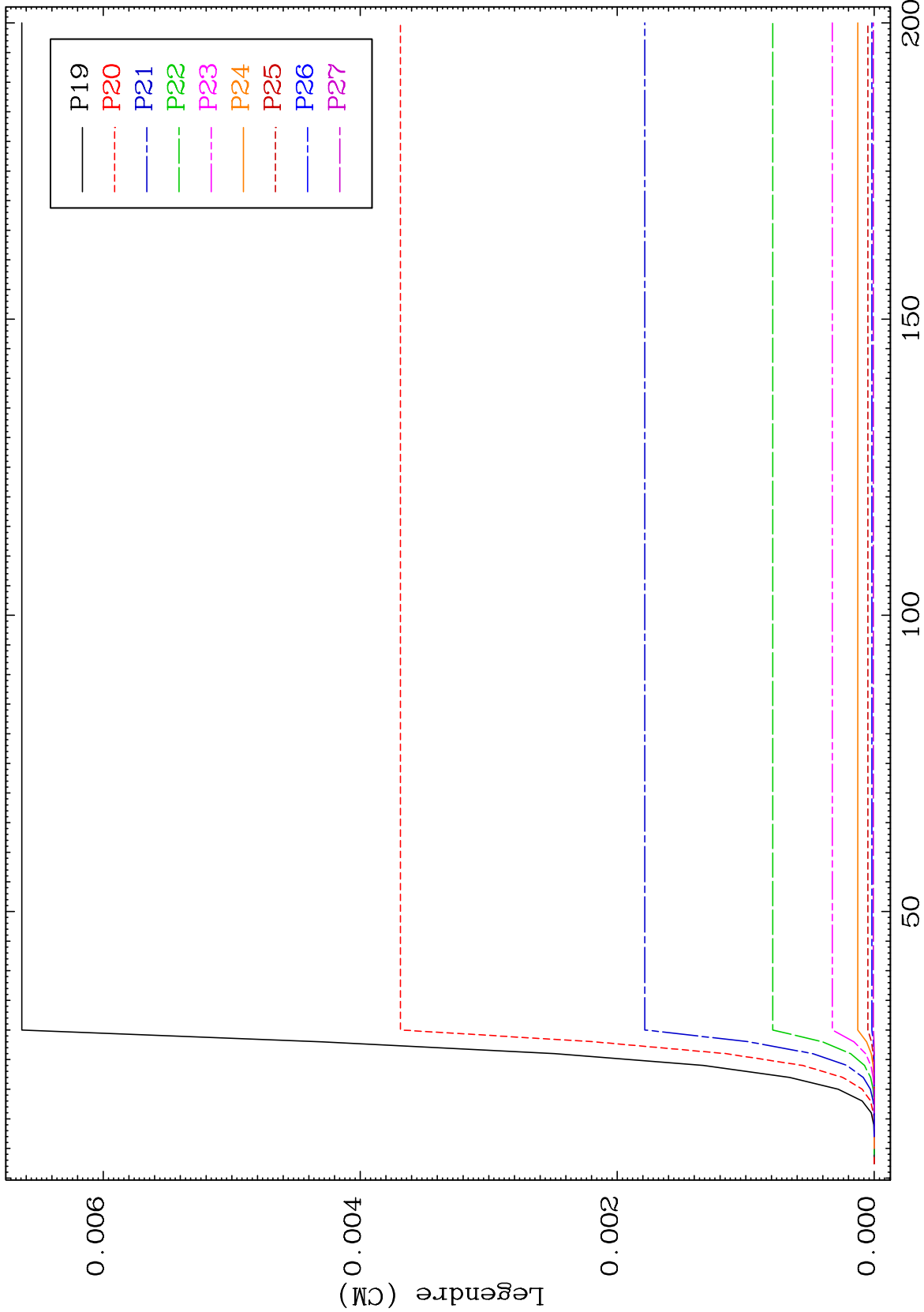
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



87

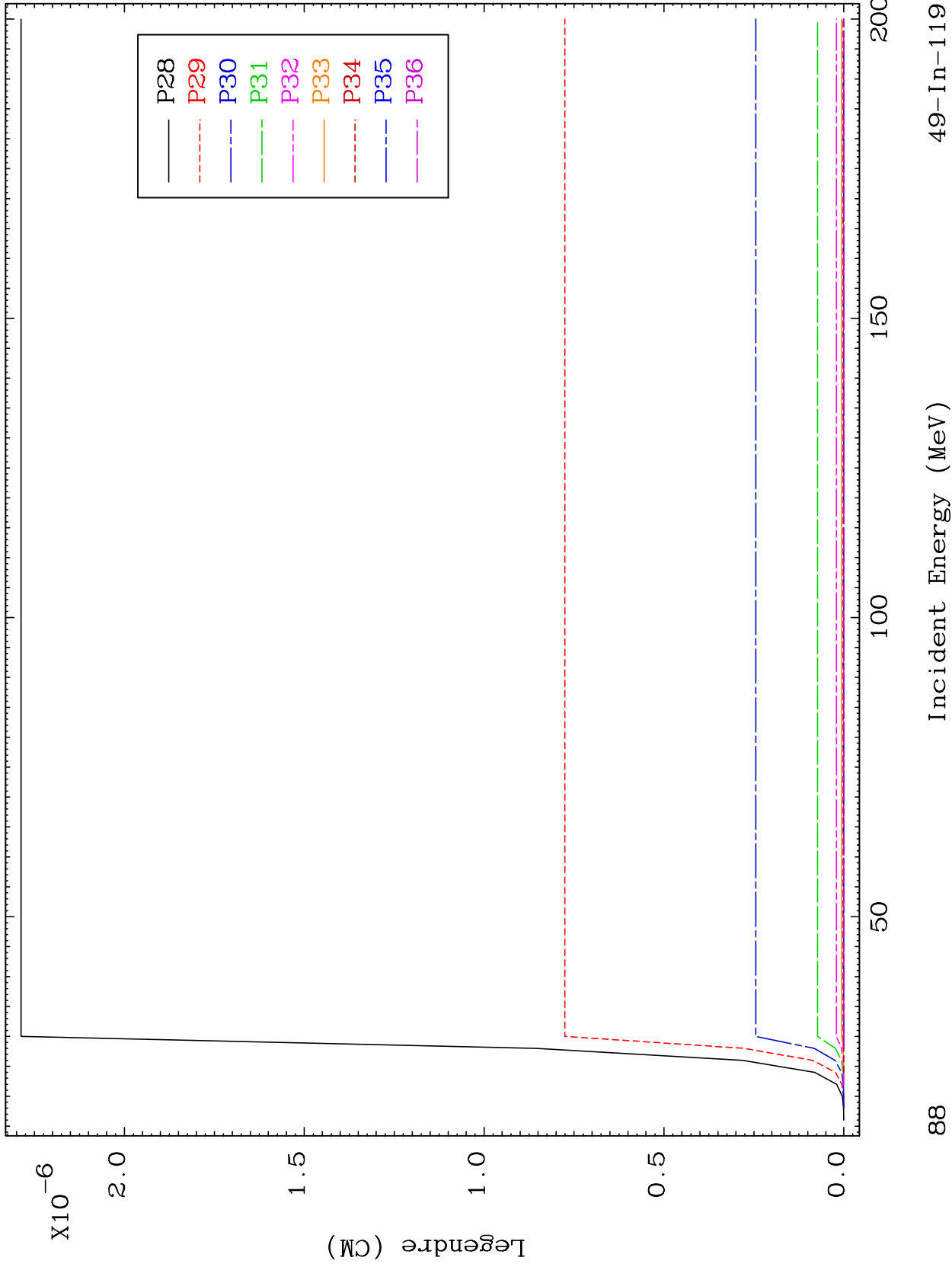
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



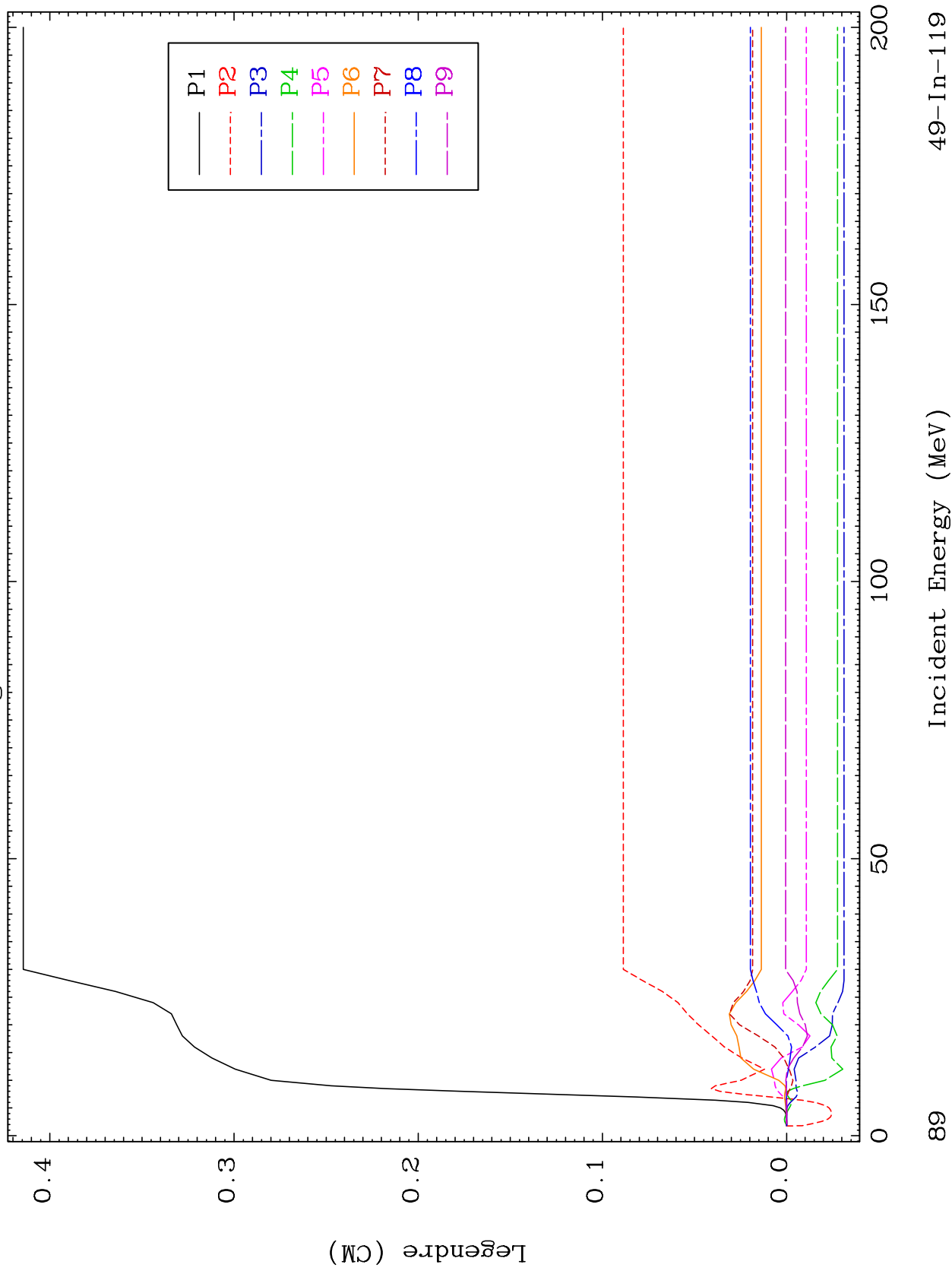
88

49-In-119

MAT 4943

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

49-In-119



49-In-119

Incident Energy (MeV)

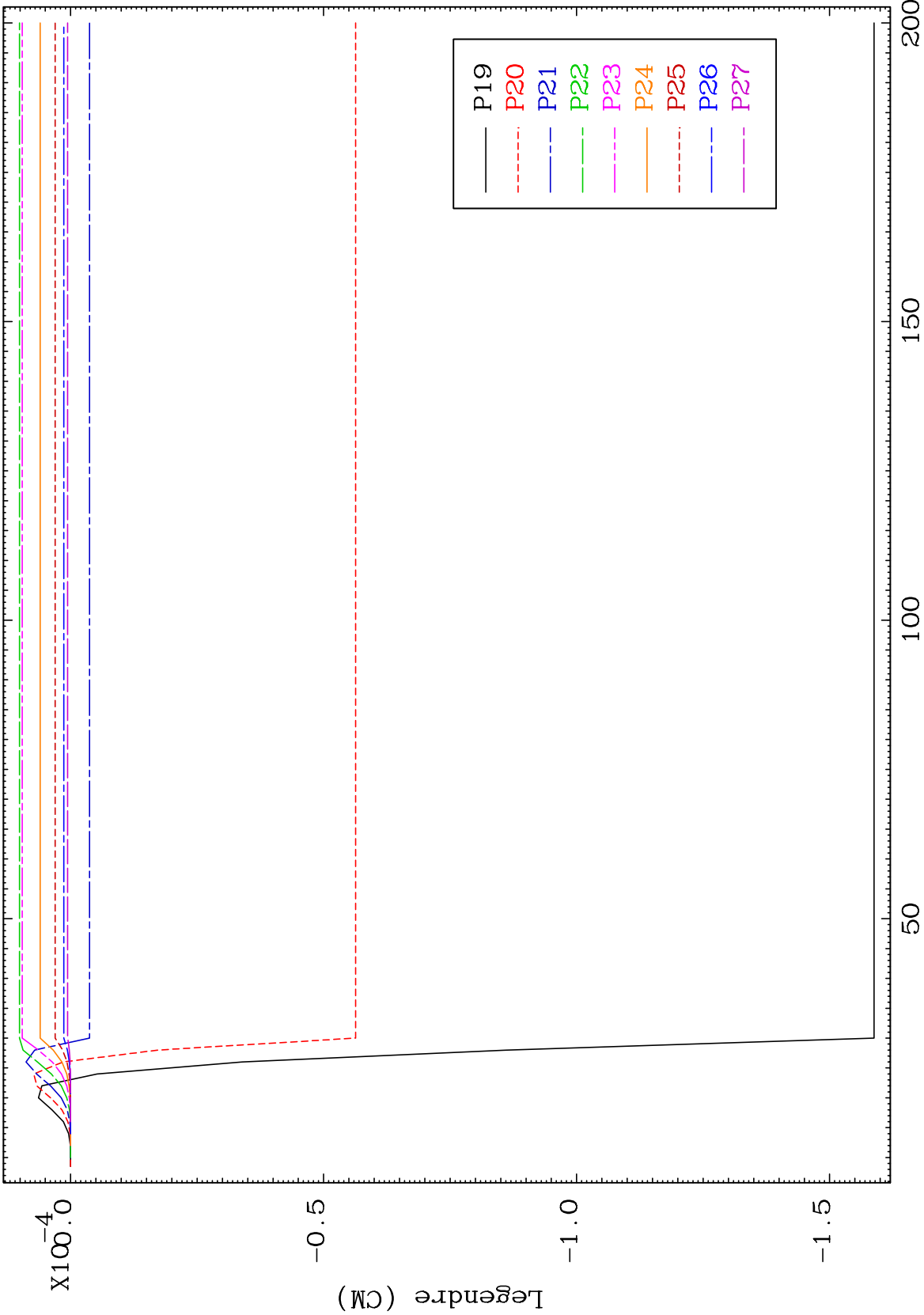
89

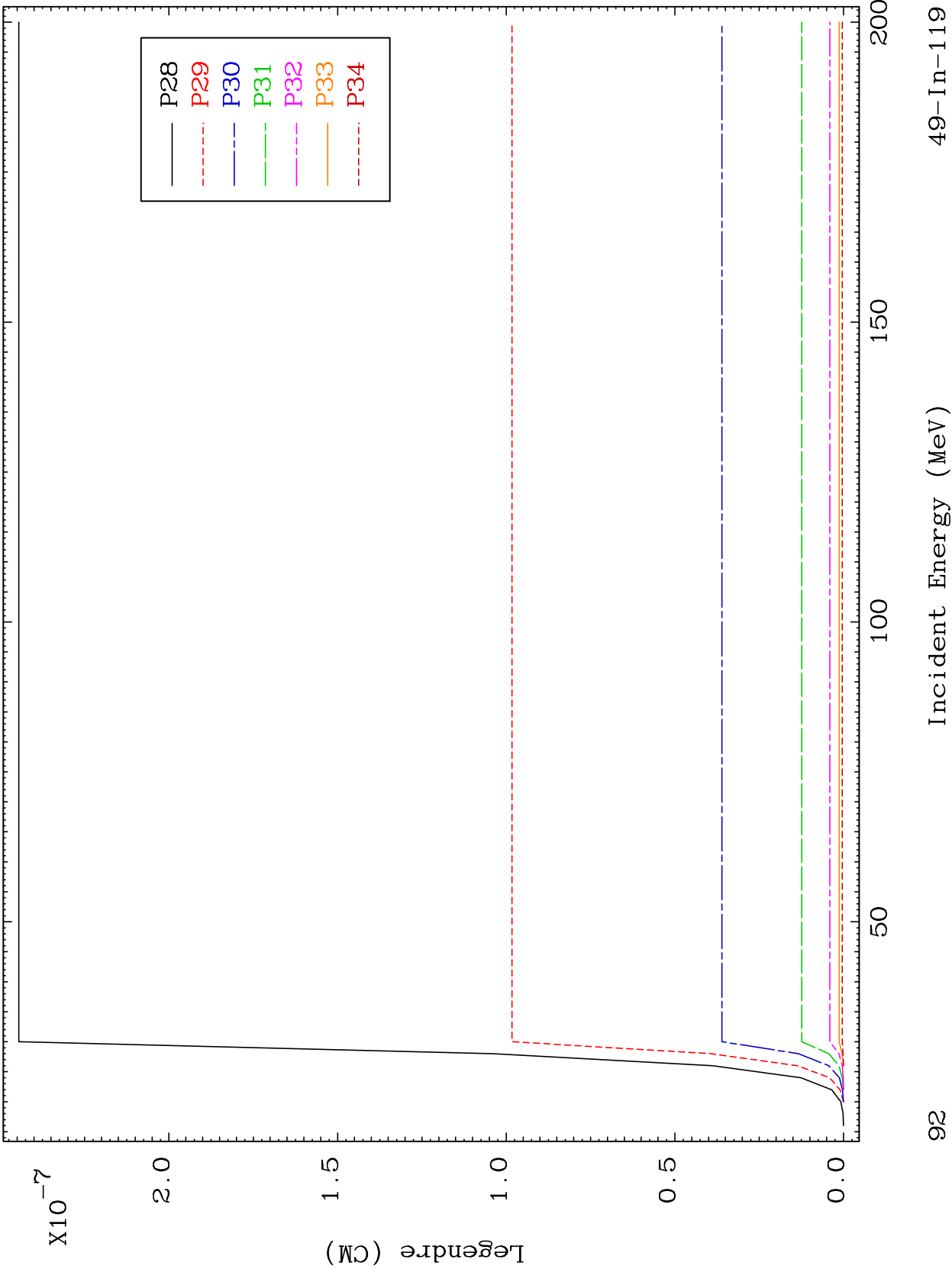
MAT 4943

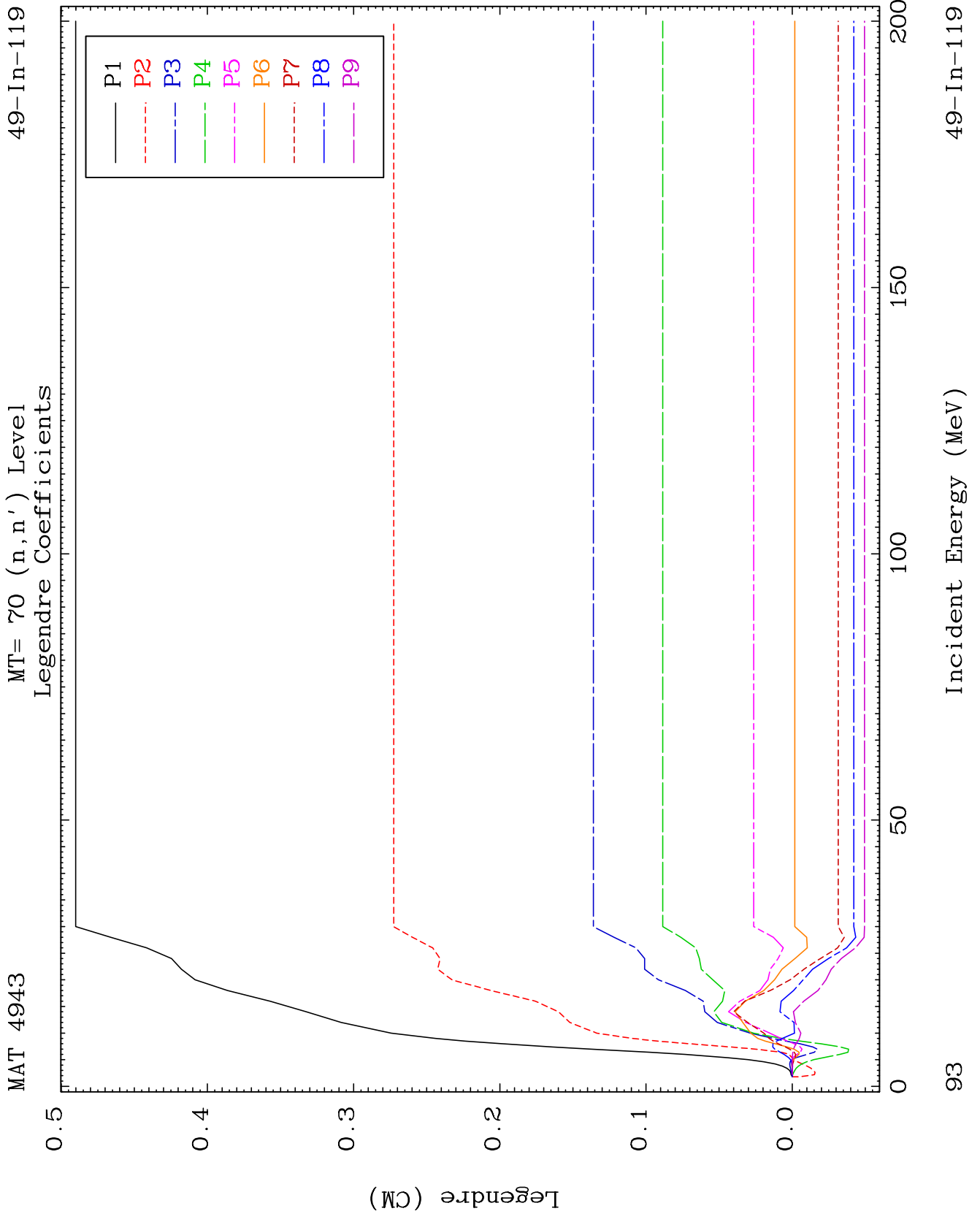
MT= 69 (n,n') Level

49-In-119

Legendre Coefficients



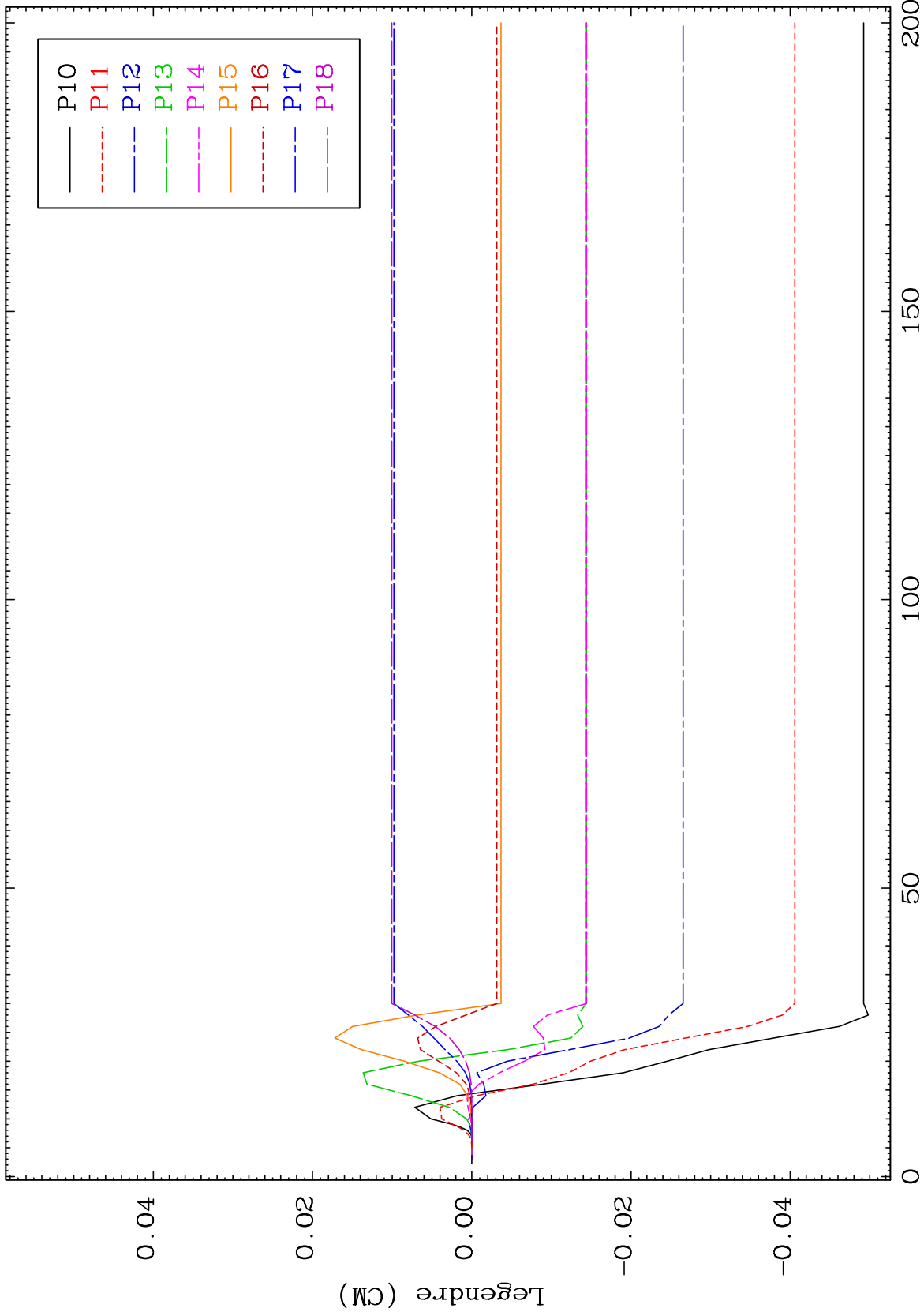




MAT 4943

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

49-In-119



94

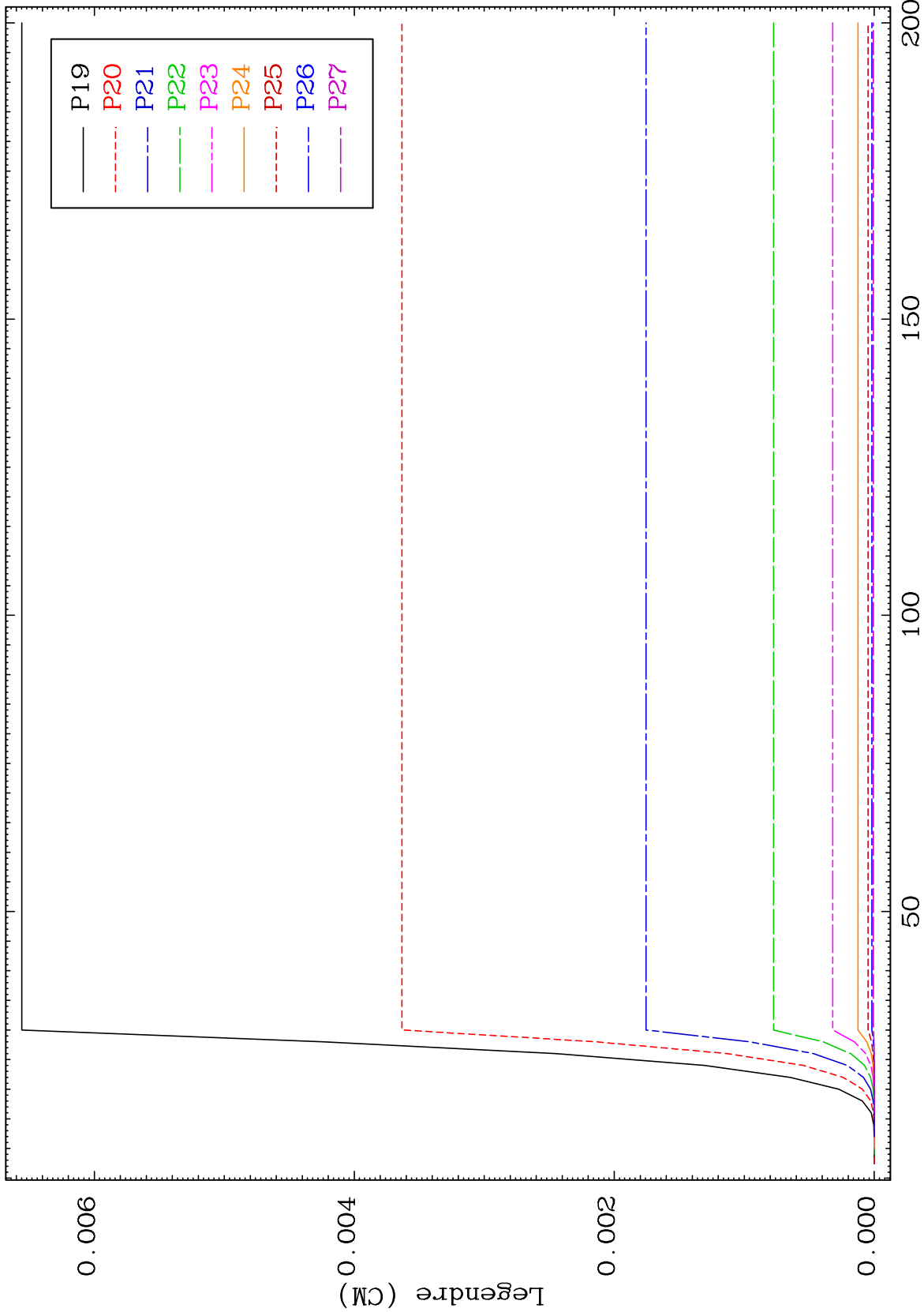
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



95

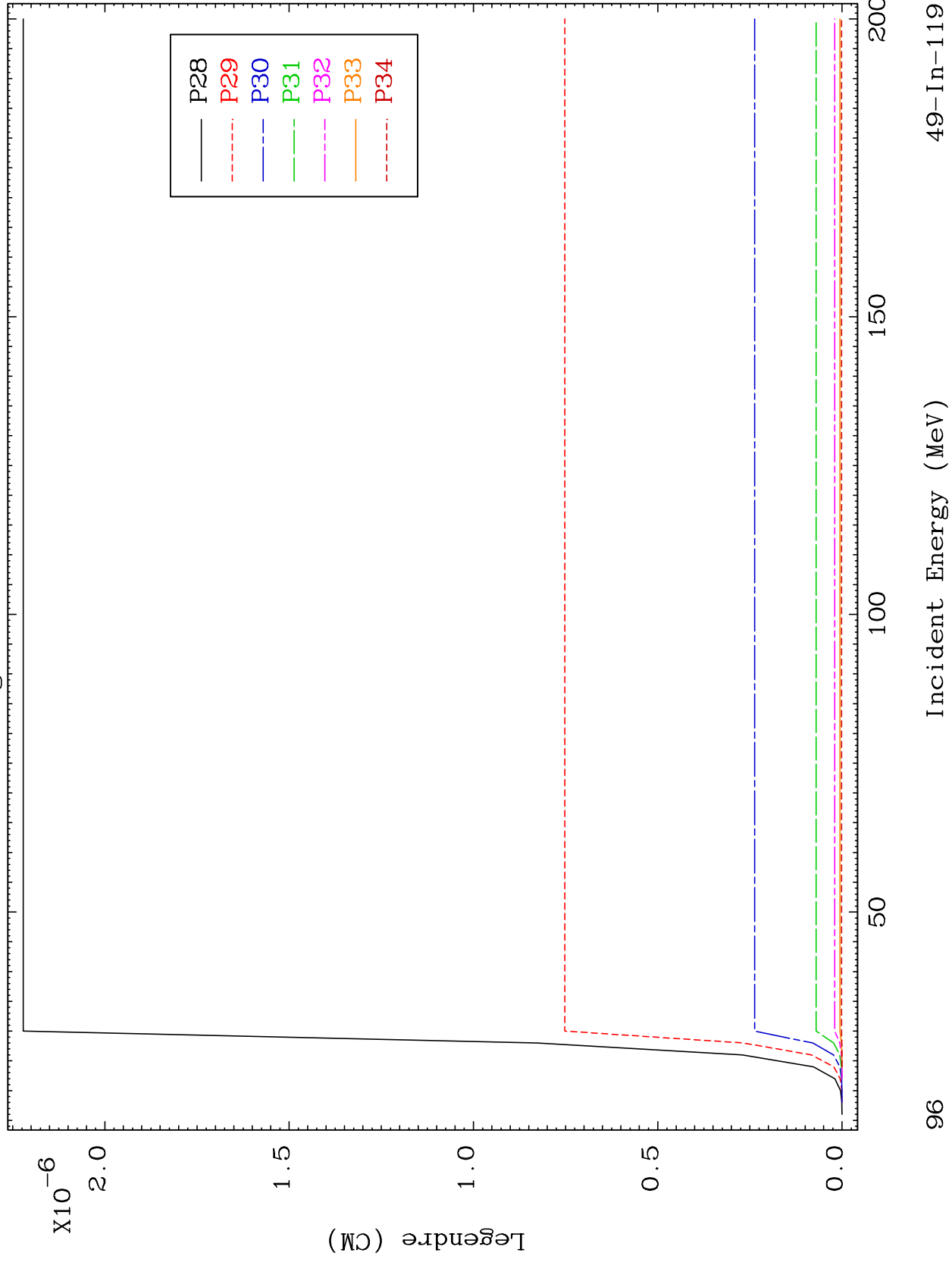
Incident Energy (MeV)

49-In-119

MAT 4943

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

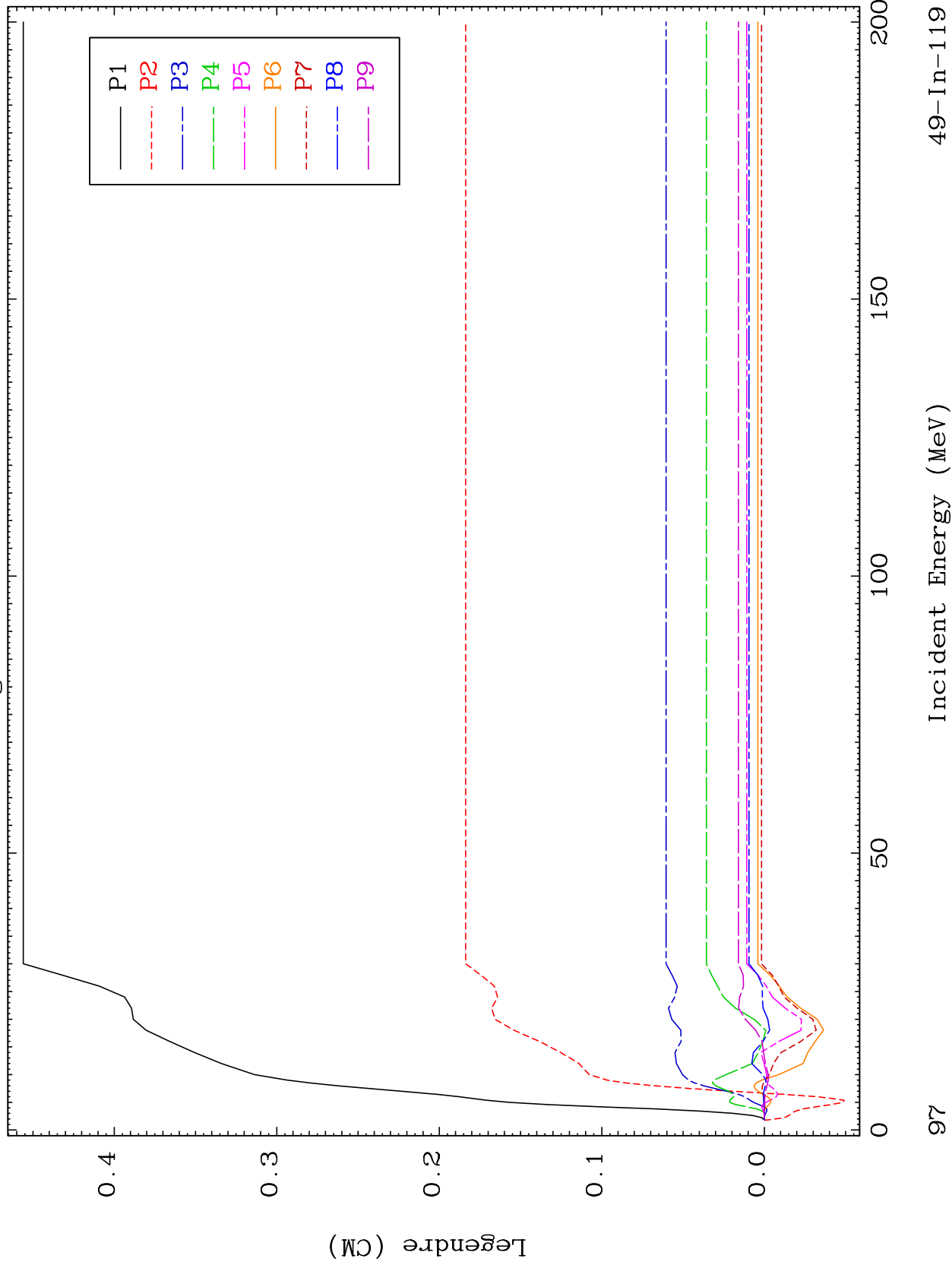
49-In-119



MAT 4943

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

49-In-119



49-In-119

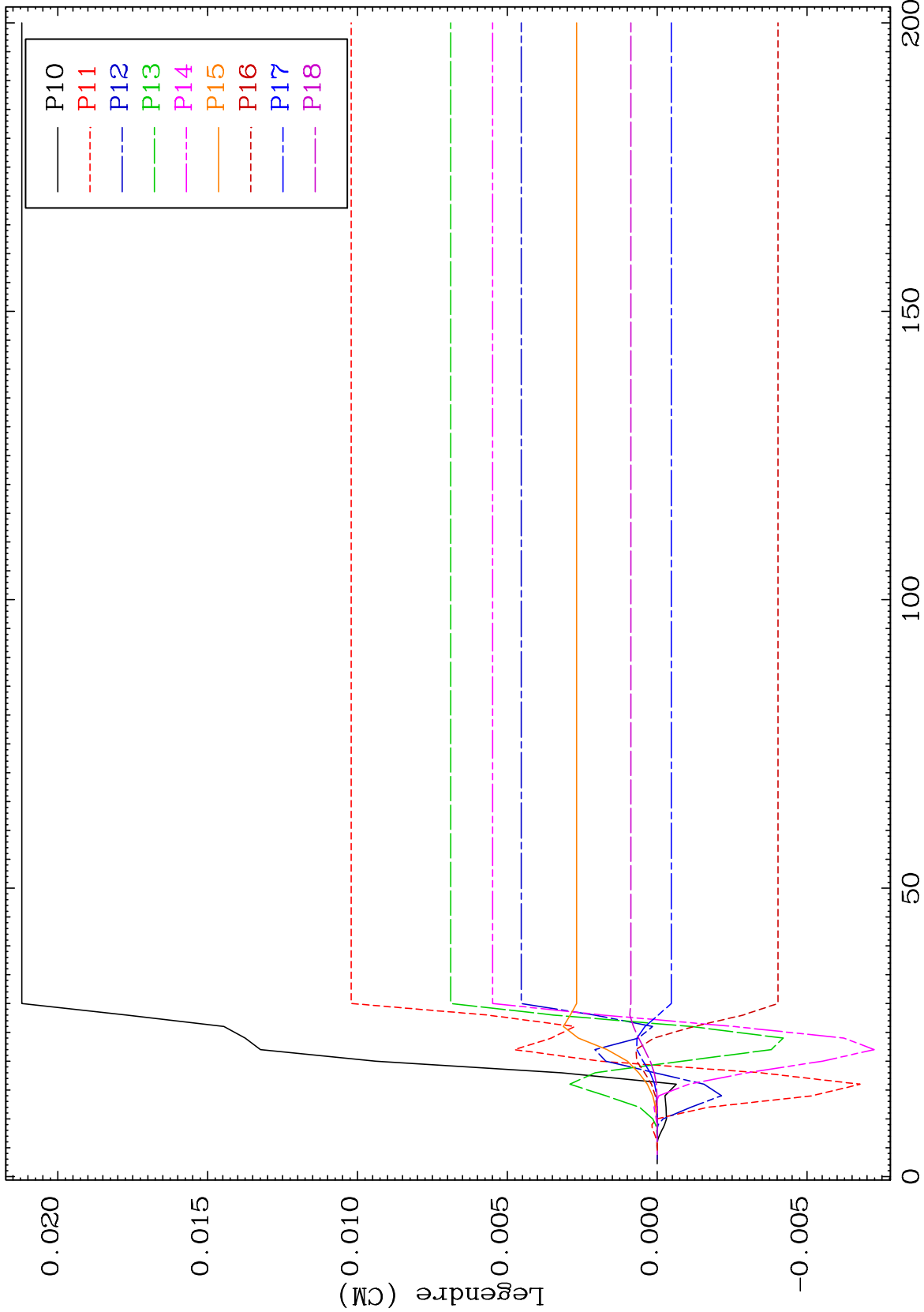
Incident Energy (MeV)

97

MAT 4943

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

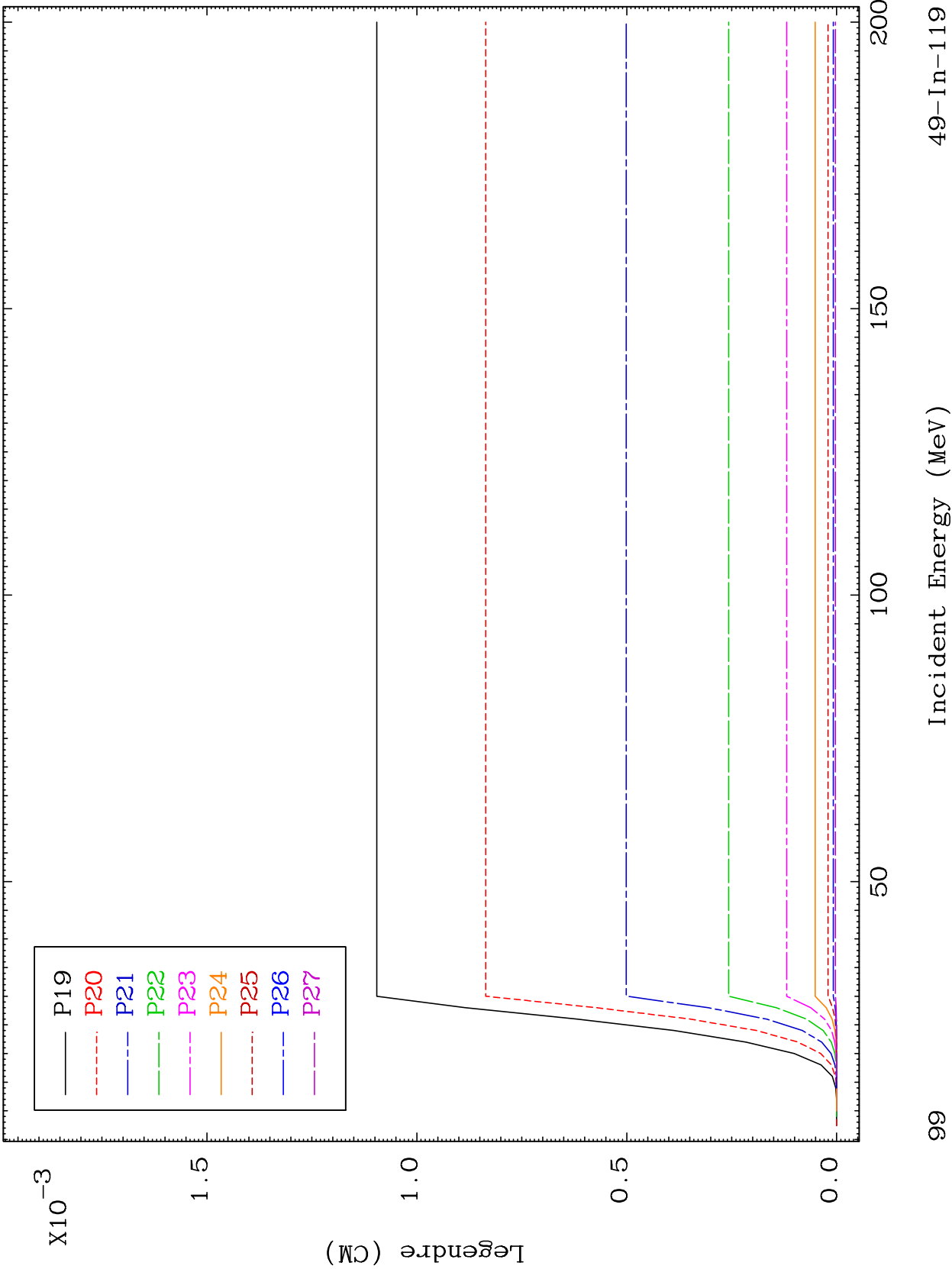
49-In-119



98

Incident Energy (MeV)

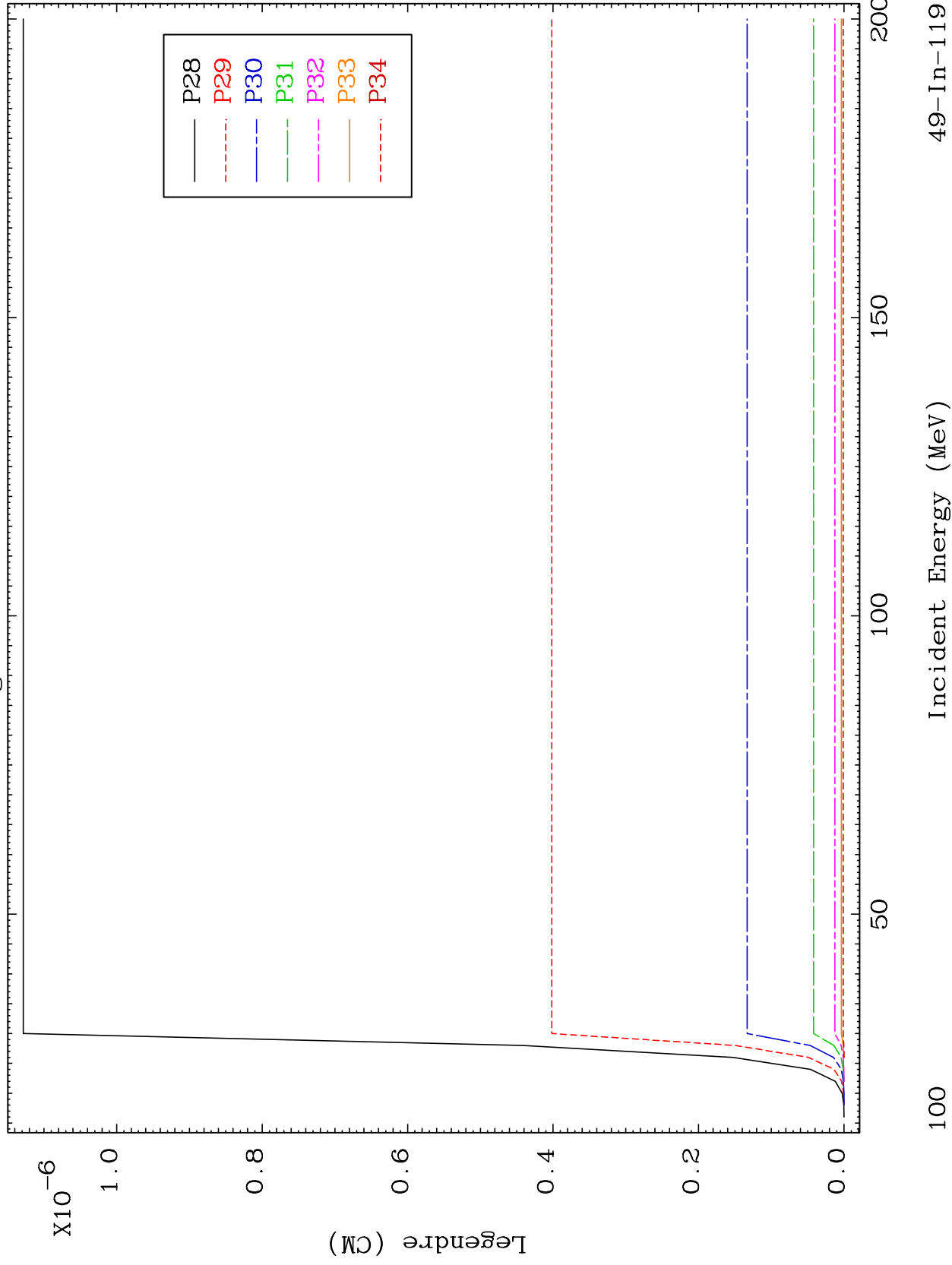
49-In-119



MAT 4943

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

49-In-119

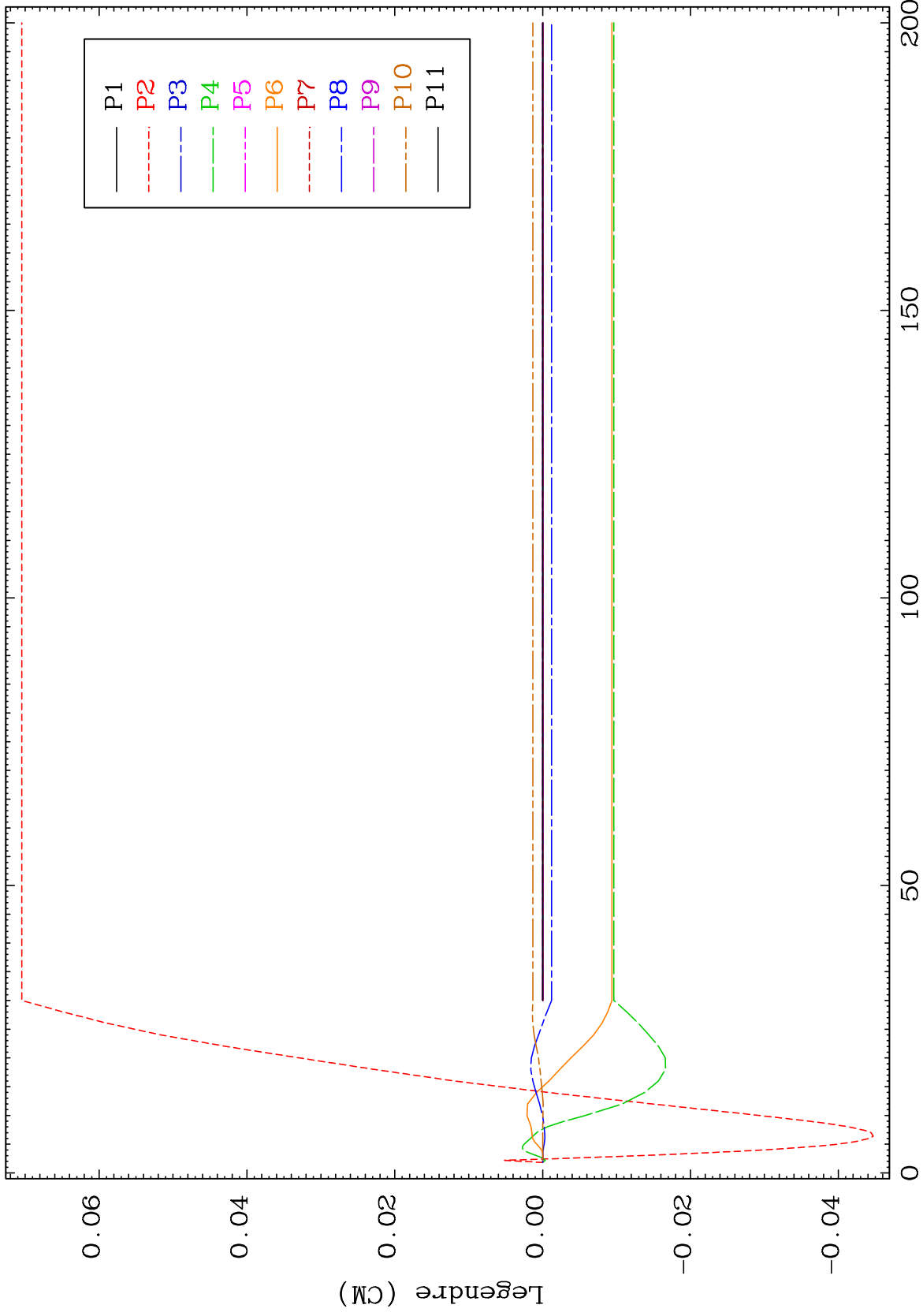


49-In-119

MAT 4943

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

49-In-119



101

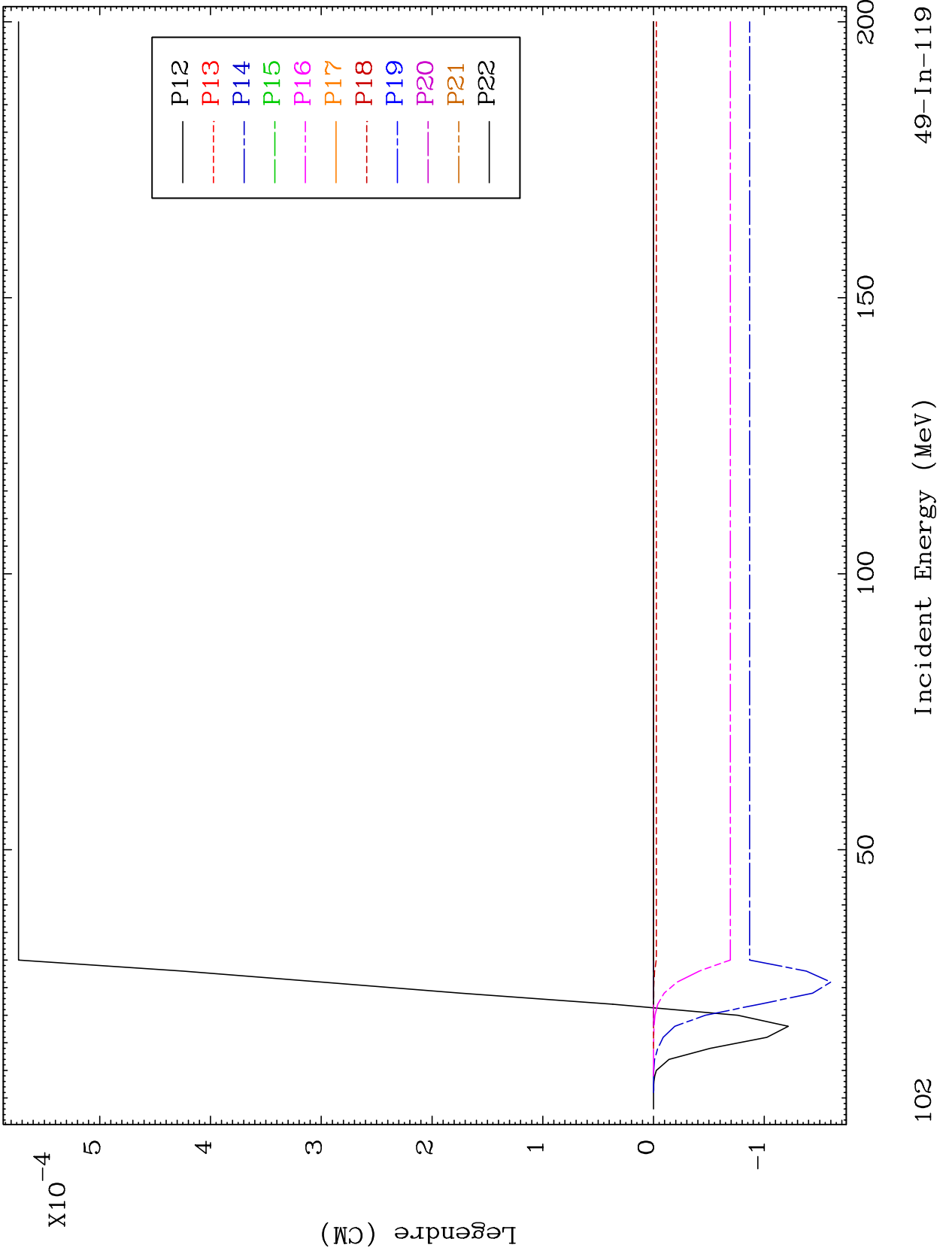
Incident Energy (MeV)

49-In-119

MAT 4943

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

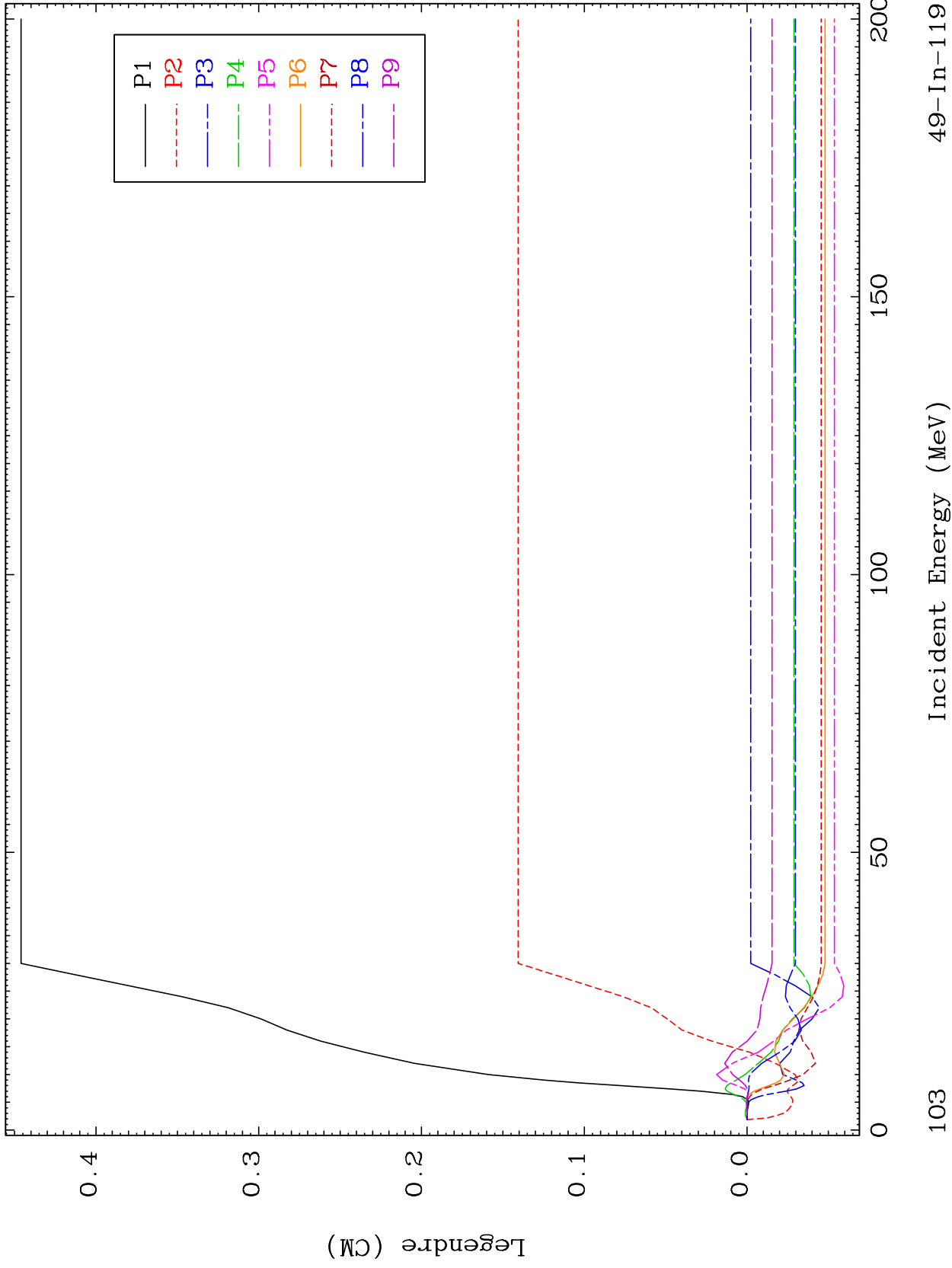
49-In-119



MAT 4943

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

49-In-119



49-In-119

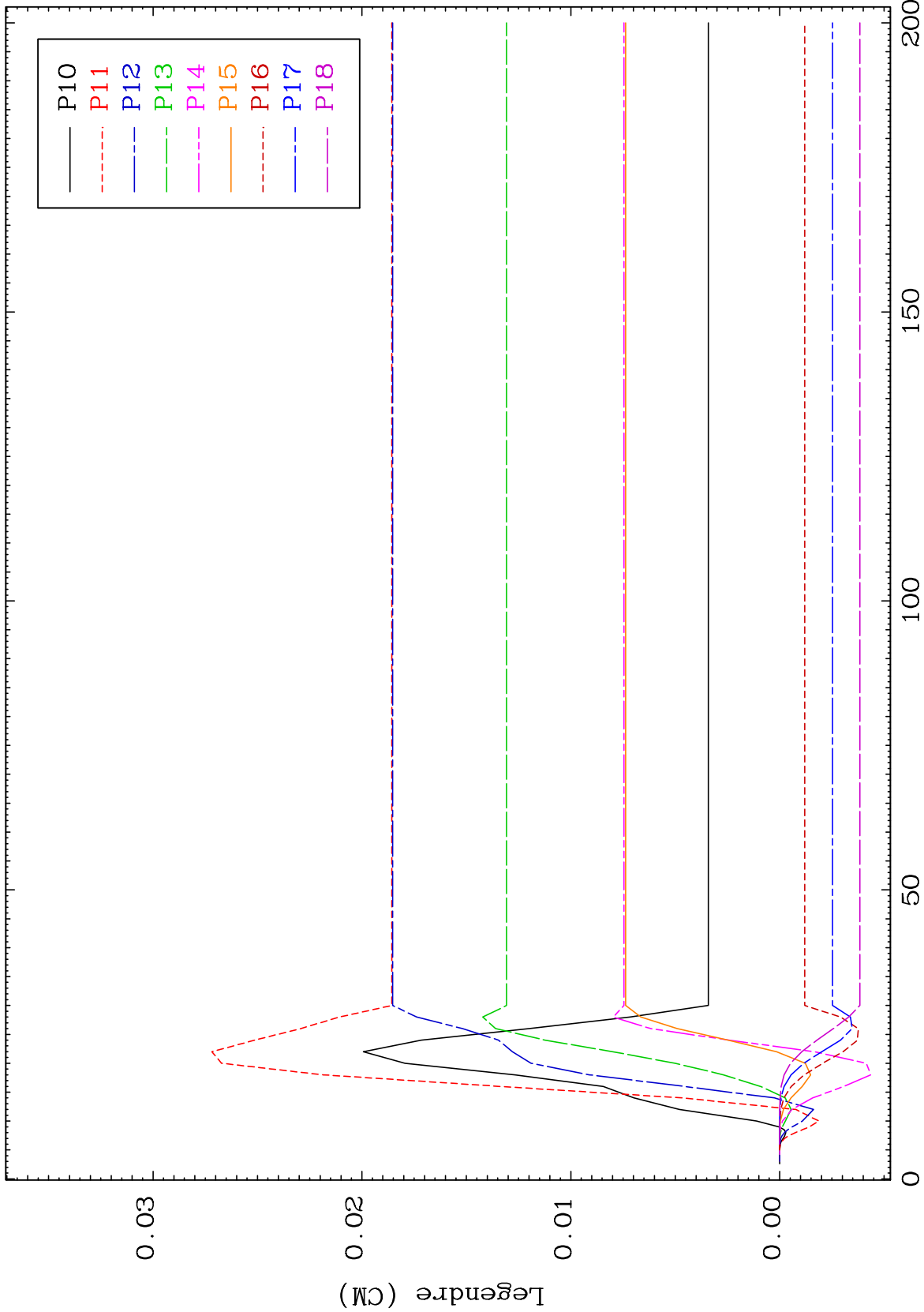
Incident Energy (MeV)

103

MAT 4943

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

49-In-119



104

Incident Energy (MeV)

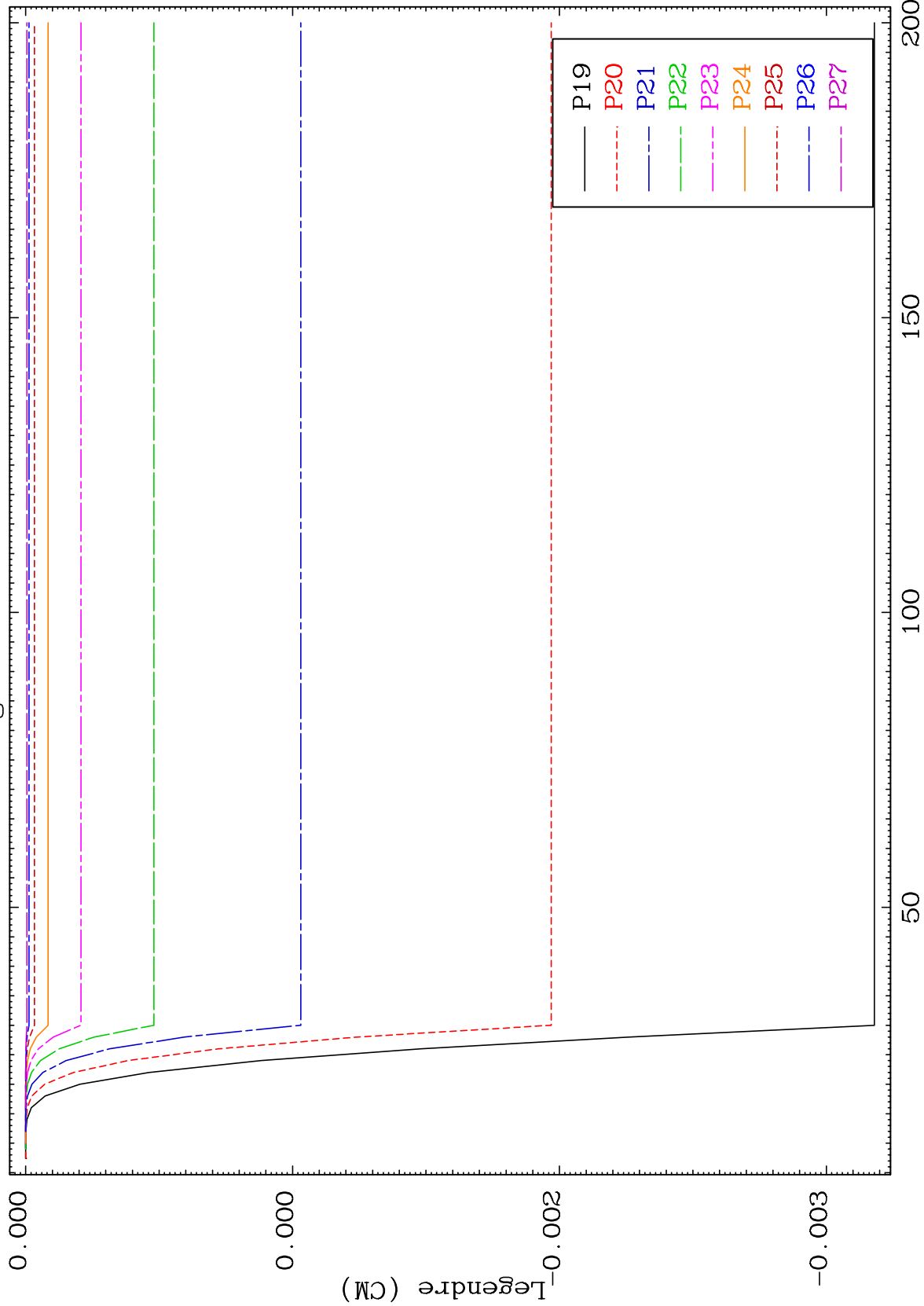
49-In-119

MAT 4943

MT= 73 (n,n') Level

49-In-119

Legendre Coefficients



105

Incident Energy (MeV)

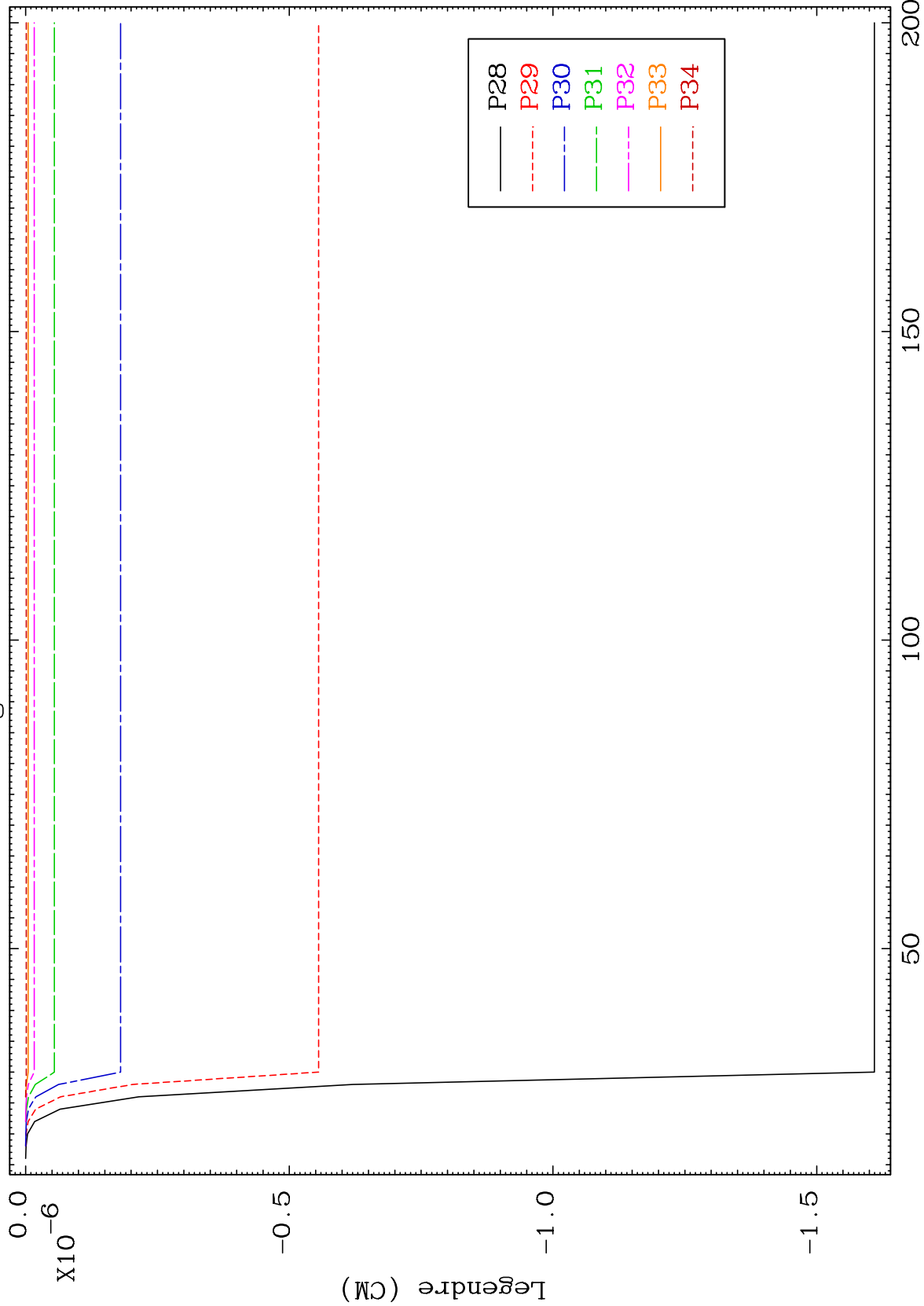
49-In-119

MAT 4943

MT= 73 (n,n') Level

49-In-119

Legendre Coefficients



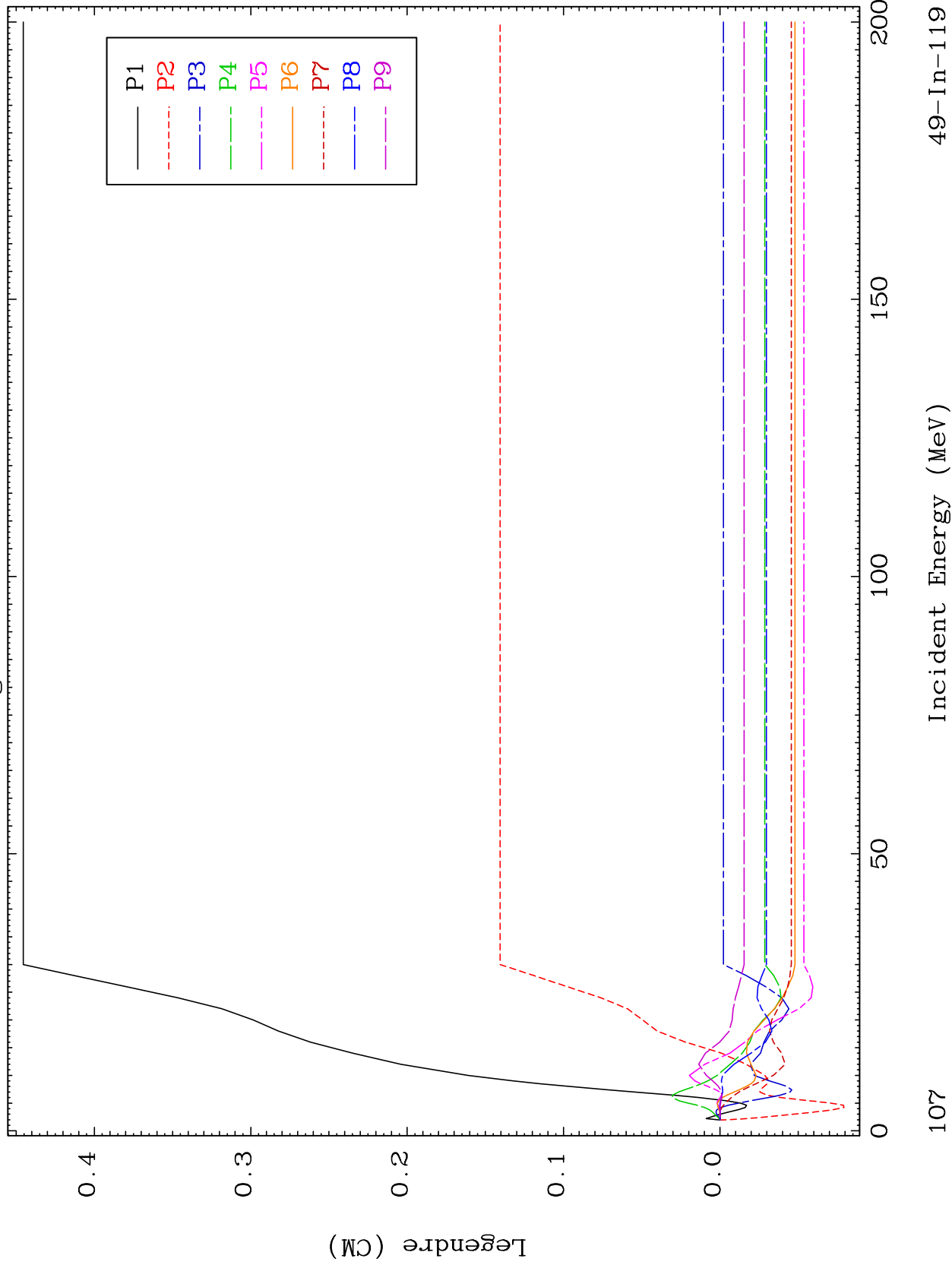
106

49-In-119

MAT 4943

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

49-In-119



49-In-119

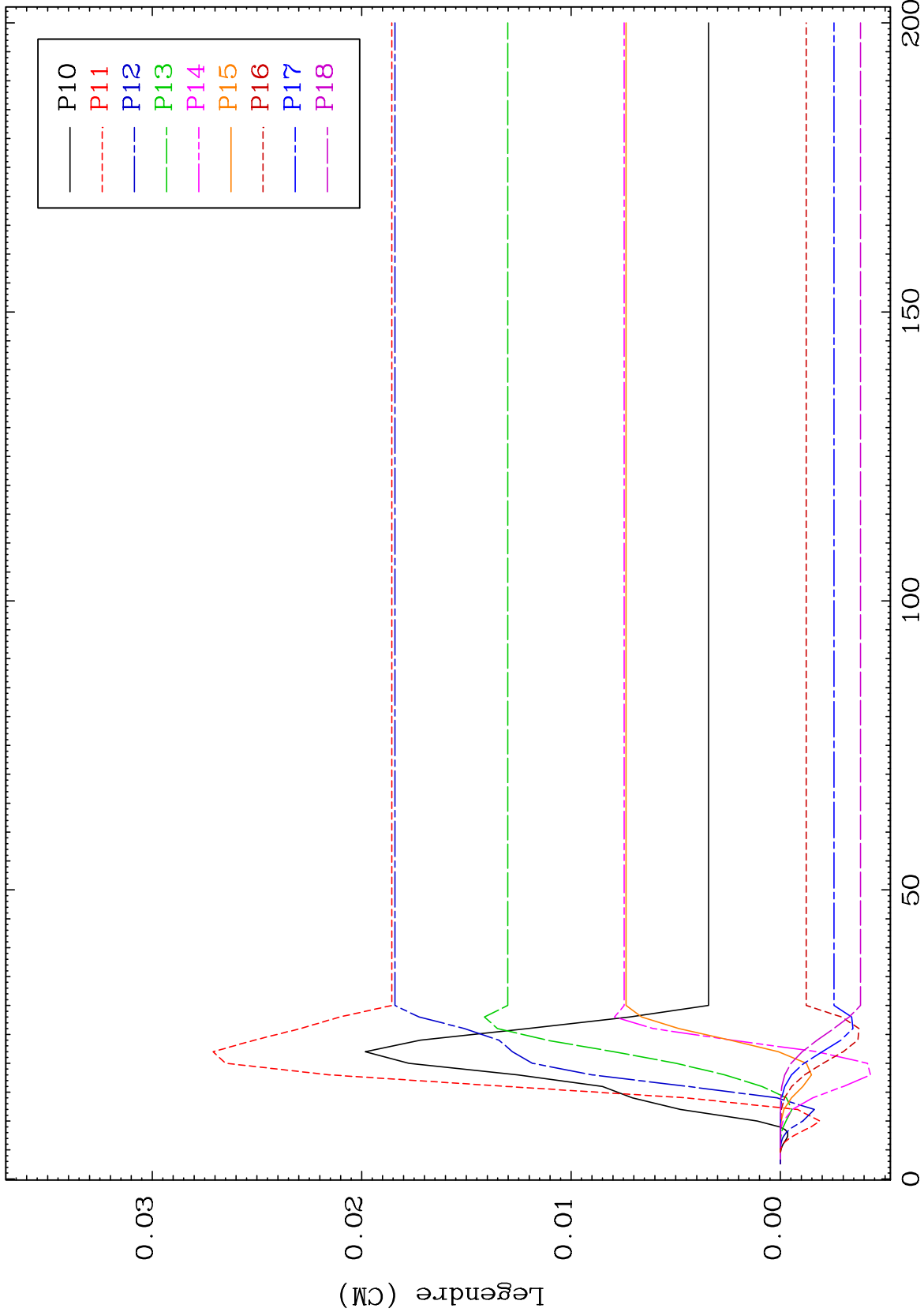
Incident Energy (MeV)

107

MAT 4943

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

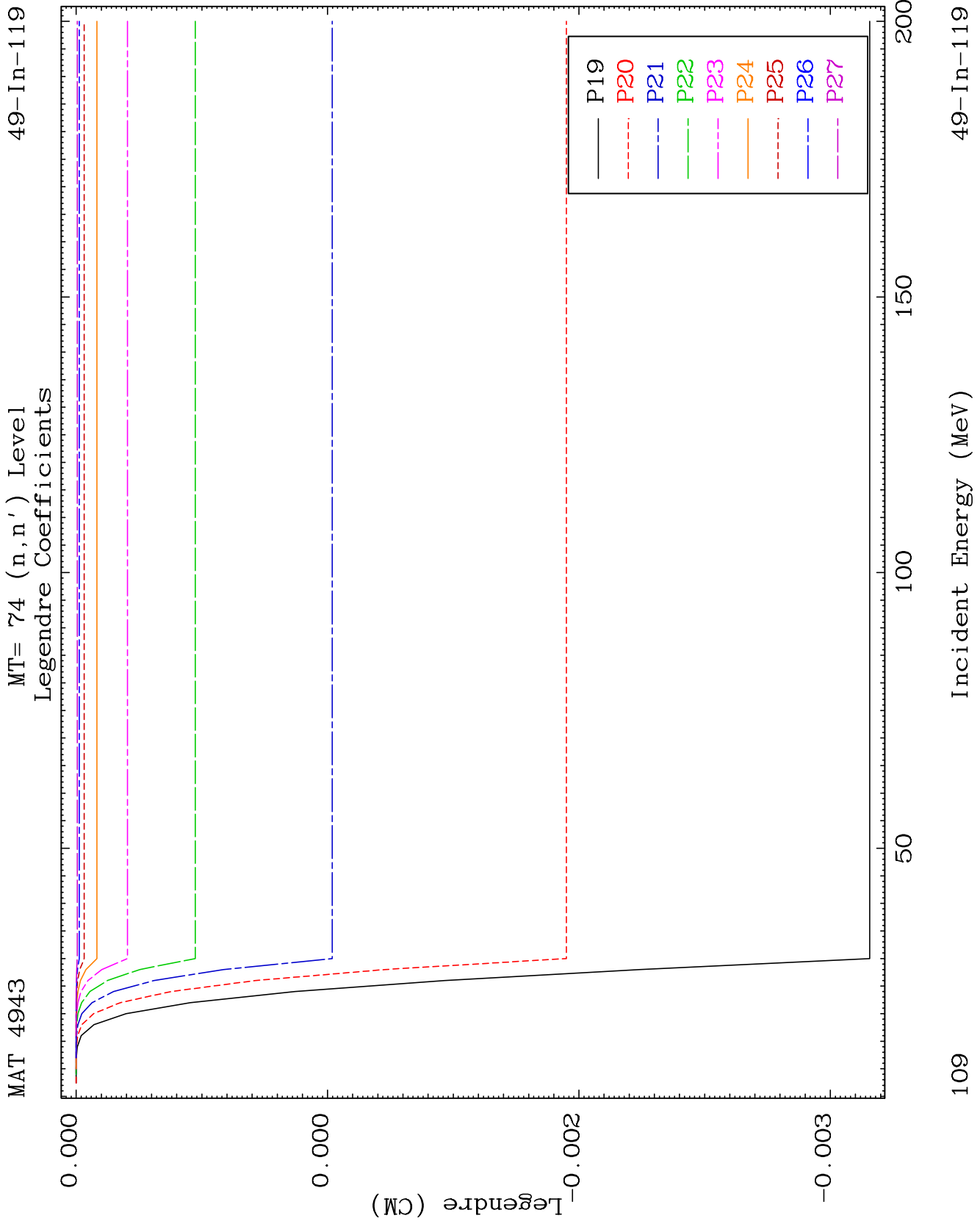
49-In-119



108

Incident Energy (MeV)

49-In-119

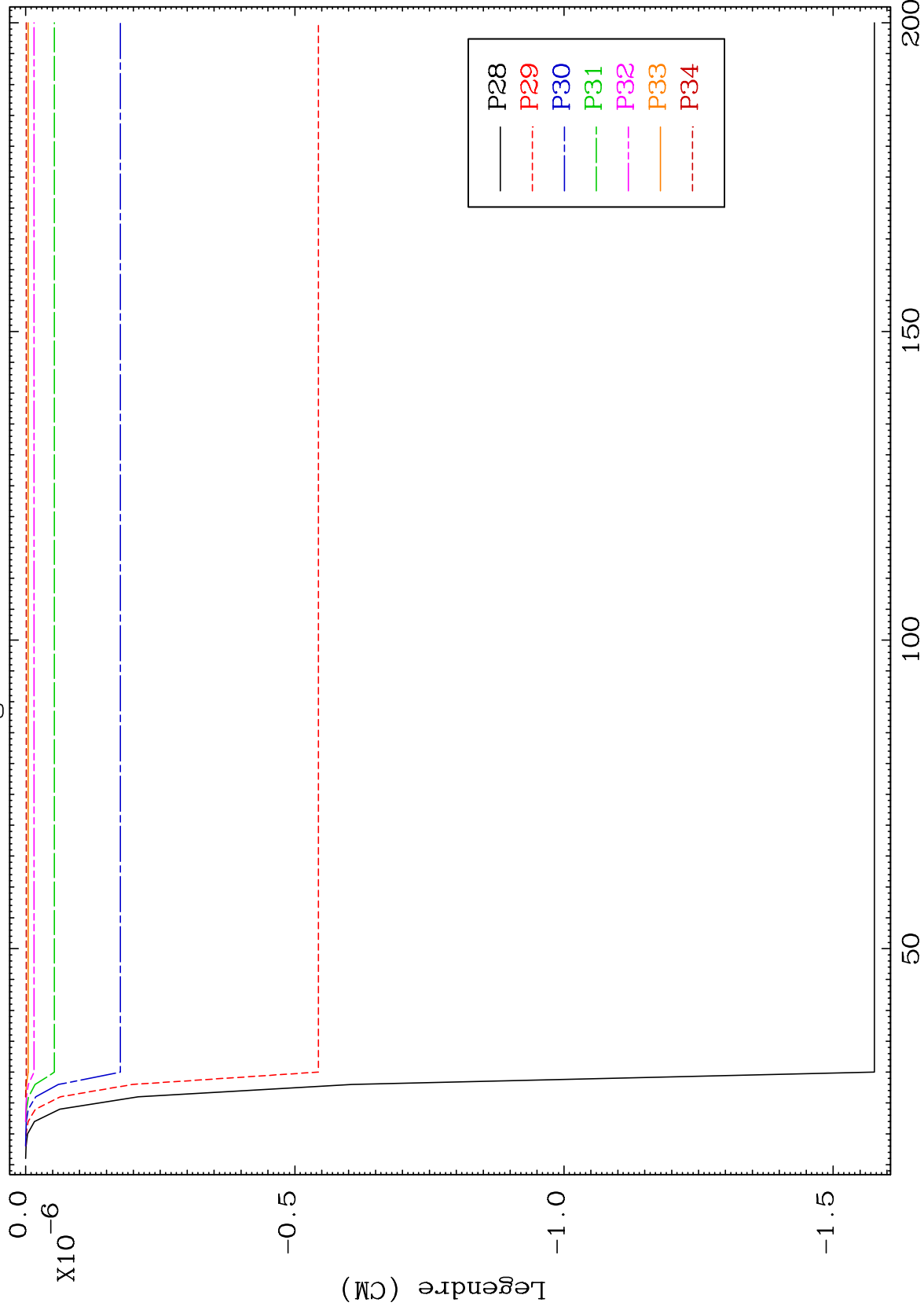


MAT 4943

MT= 74 (n,n') Level

49-In-119

Legendre Coefficients



110

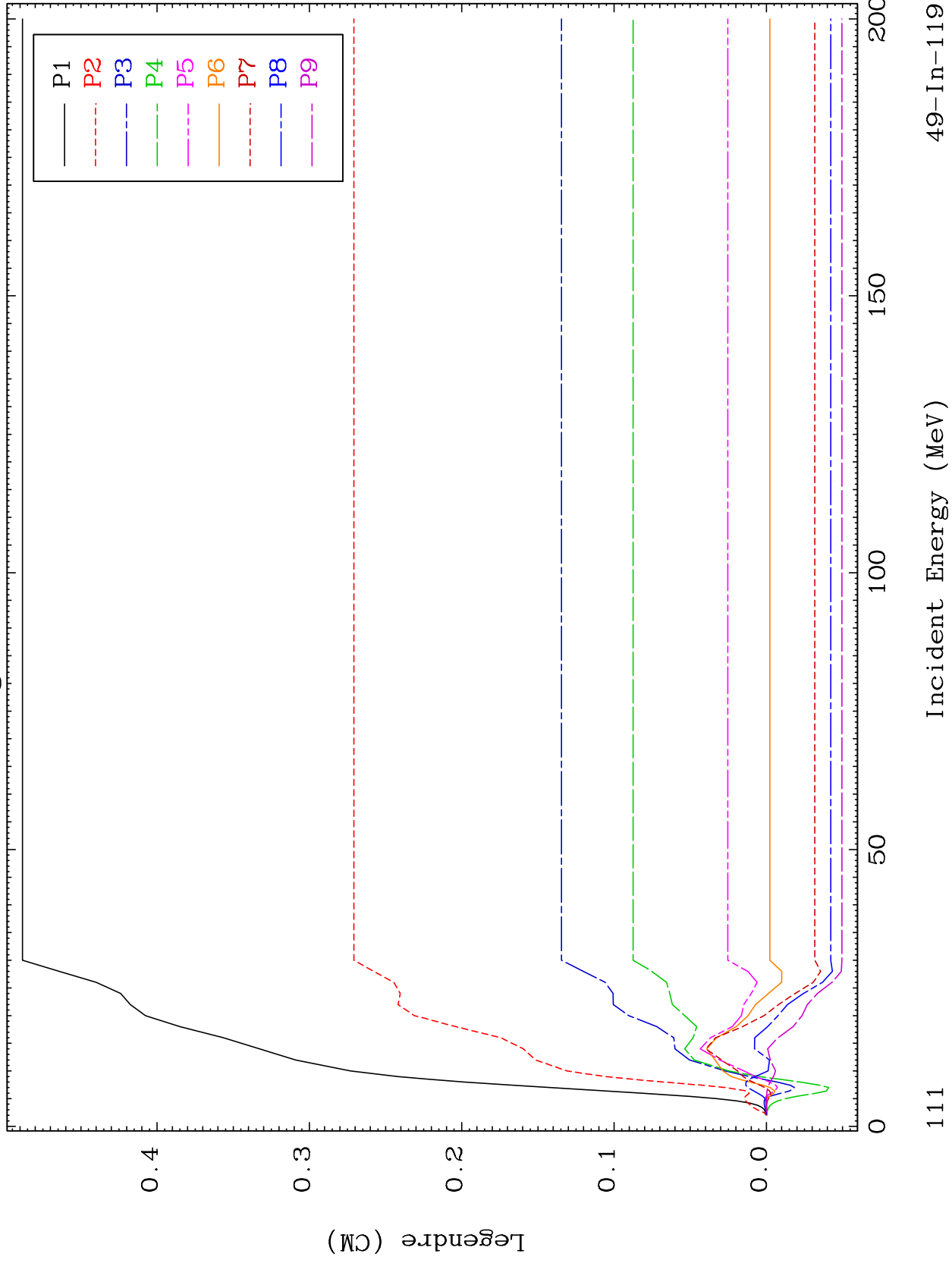
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



49-In-119

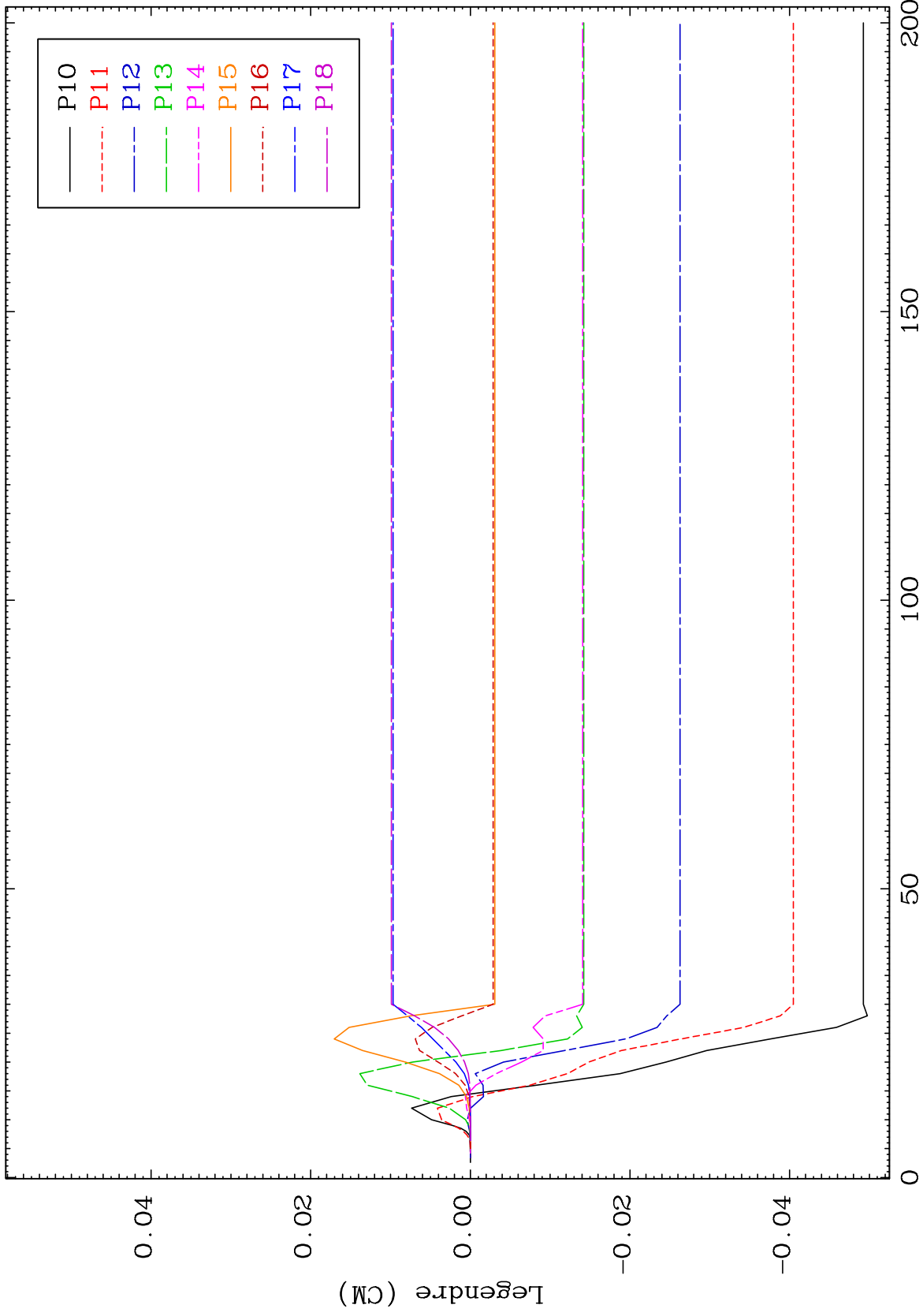
Incident Energy (MeV)

111

MAT 4943

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

49-In-119



112

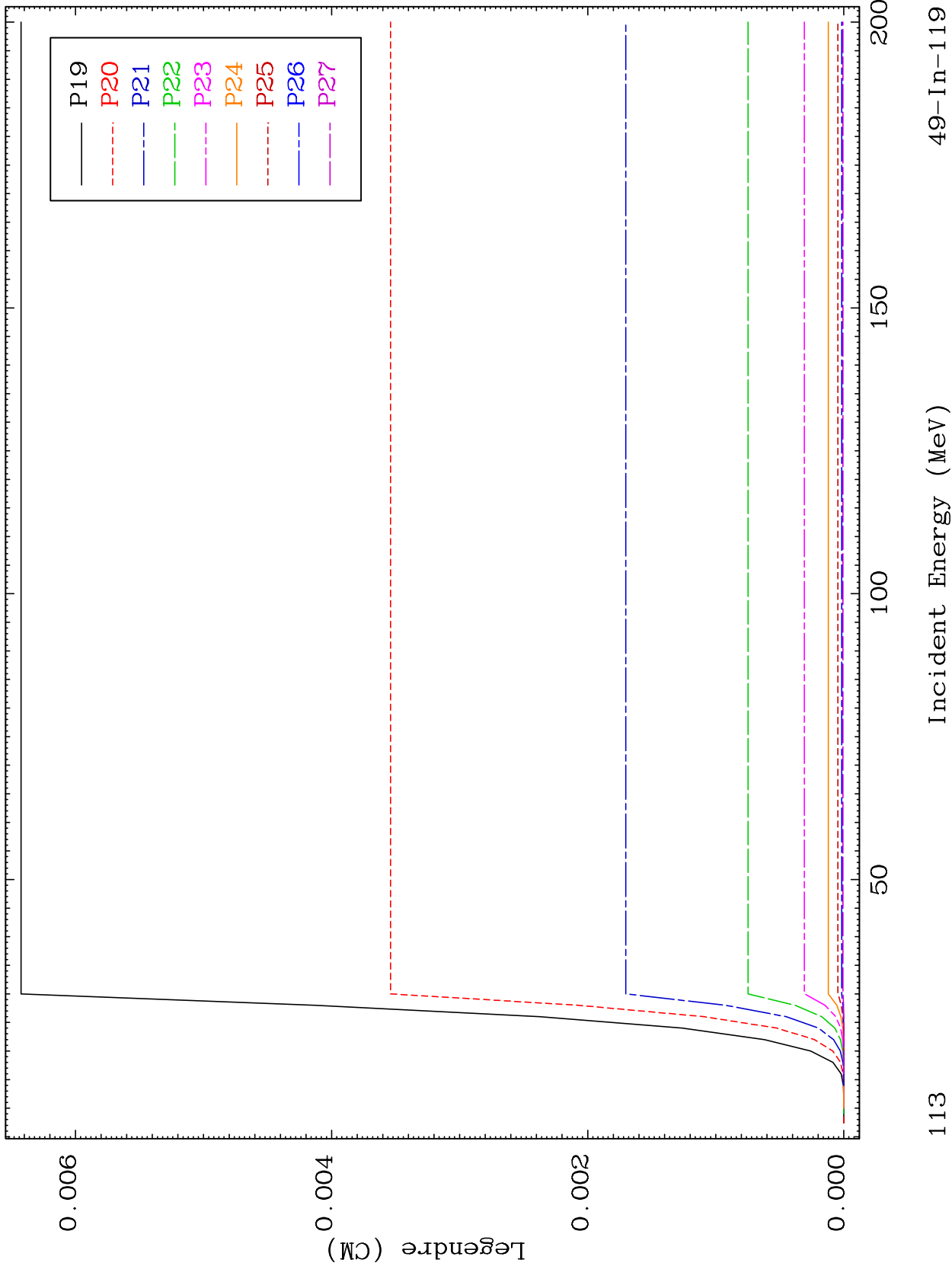
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



113

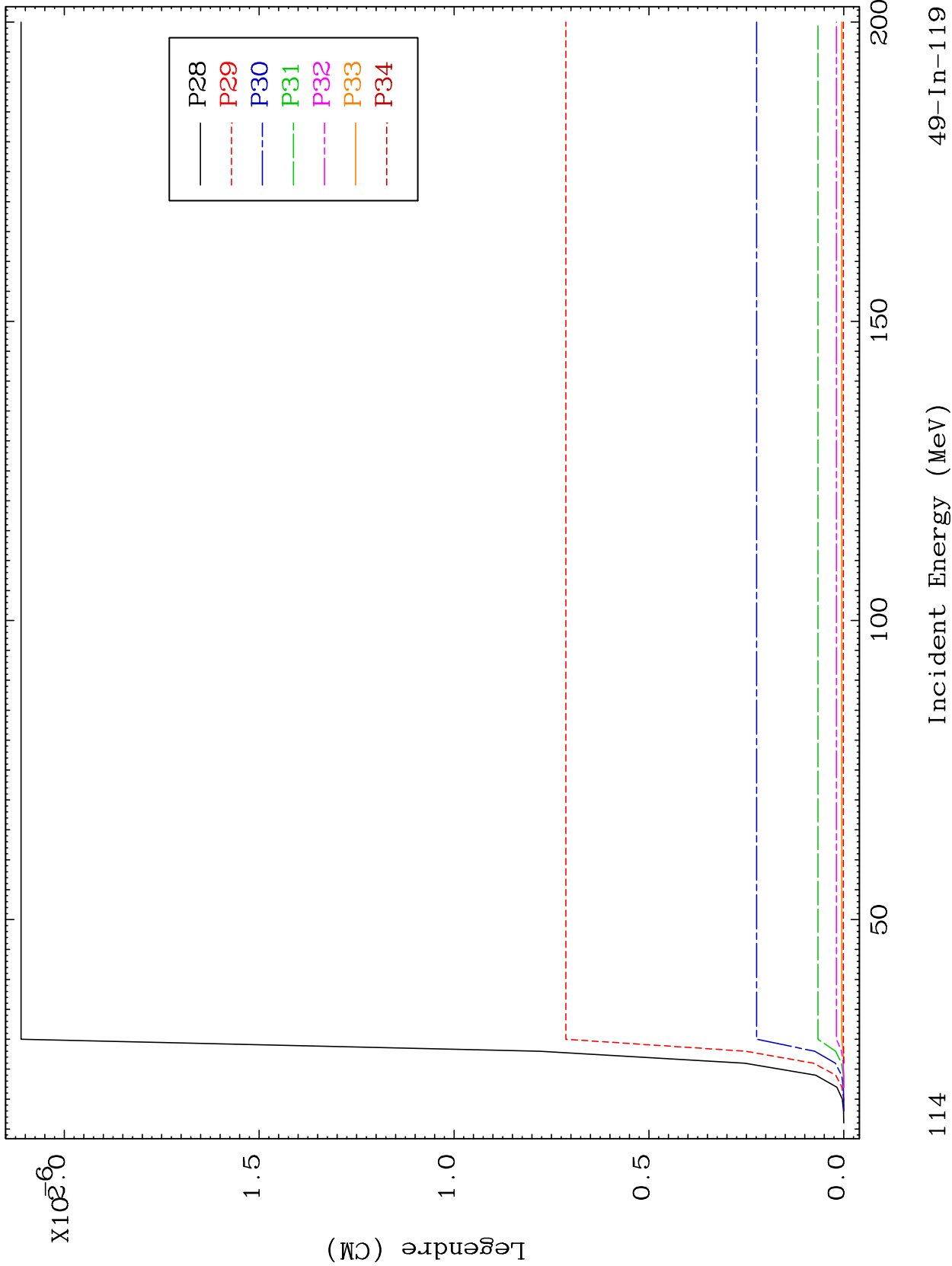
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



114

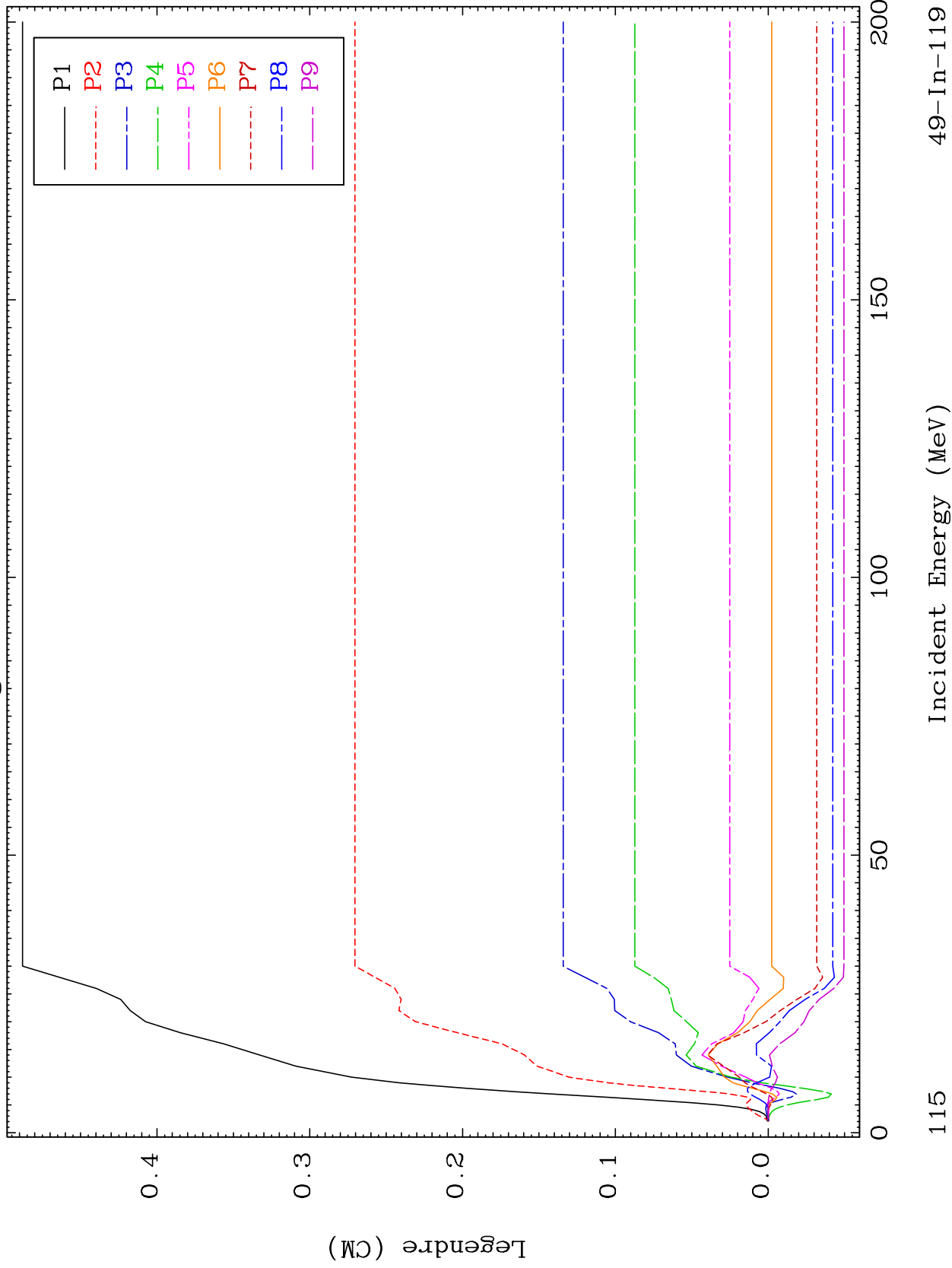
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



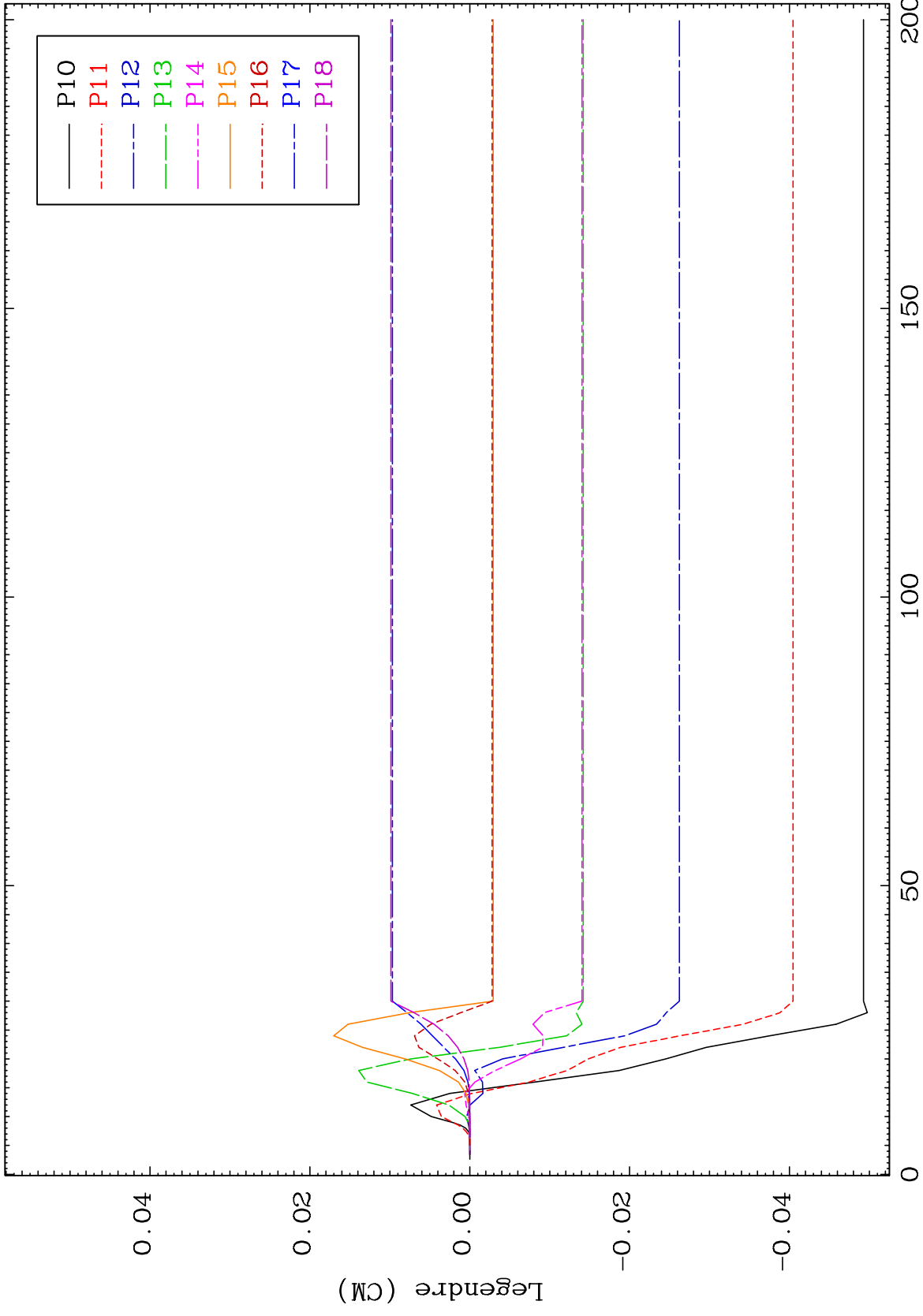
49-In-119

115

MAT 4943

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

49-In-119



116

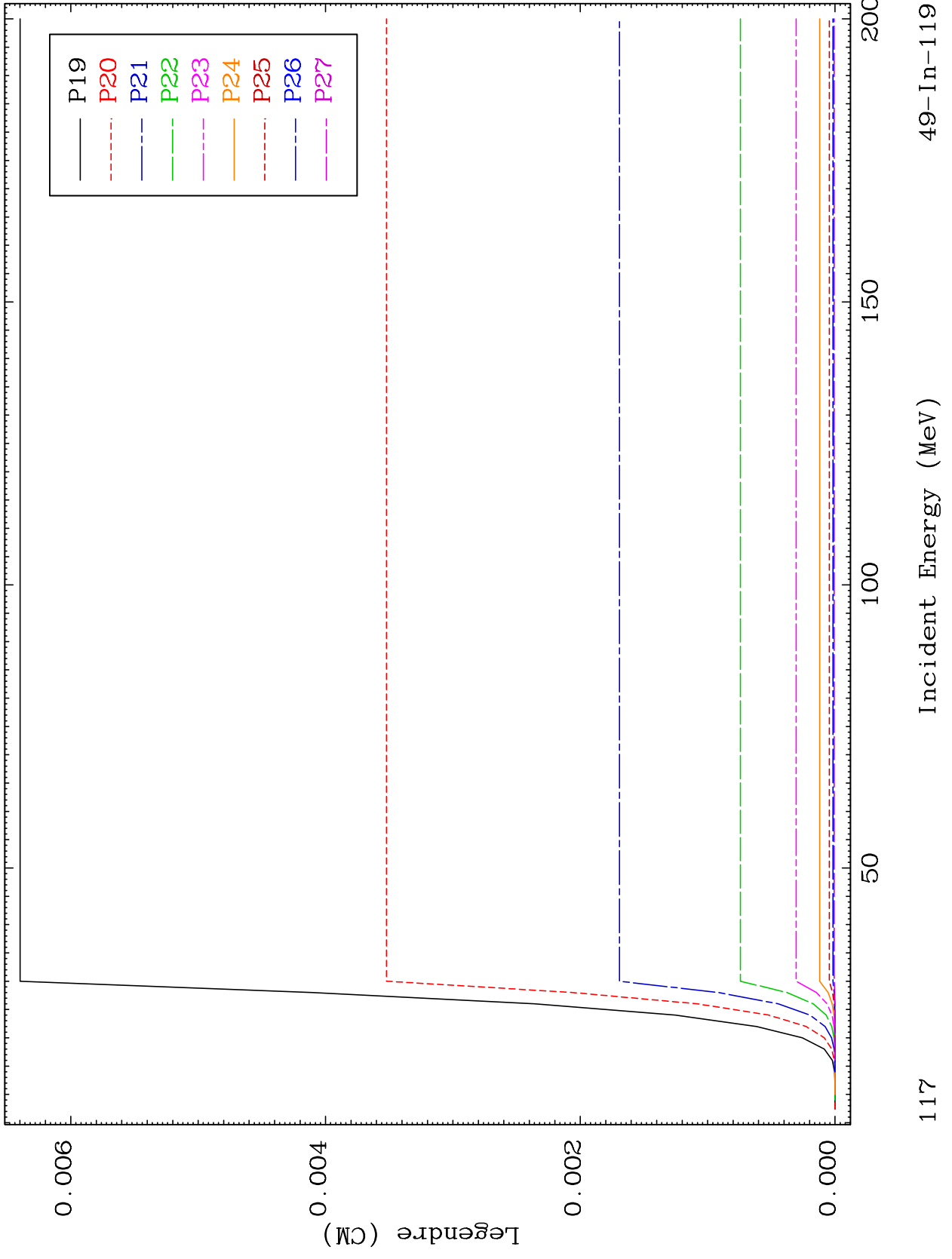
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



117

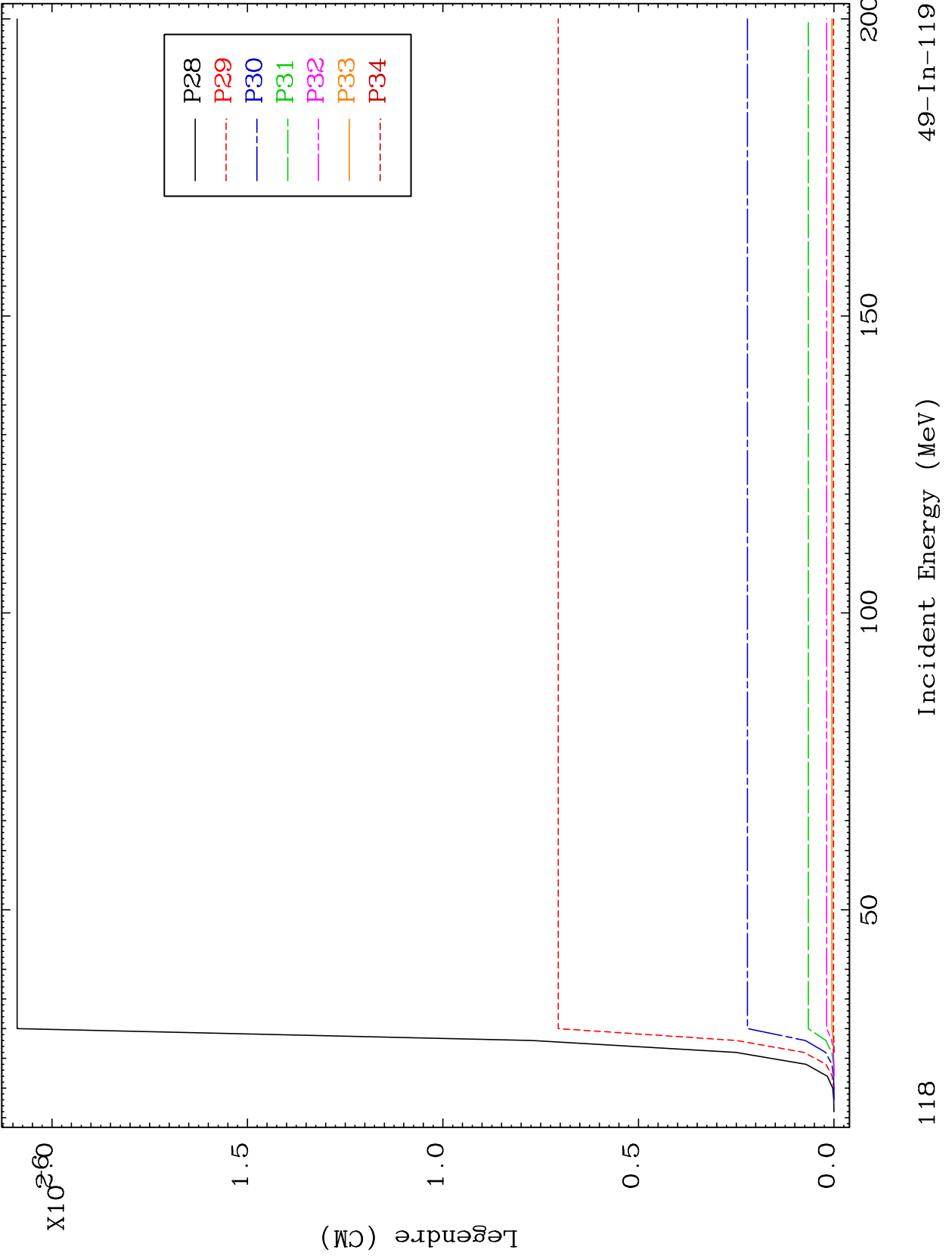
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



118

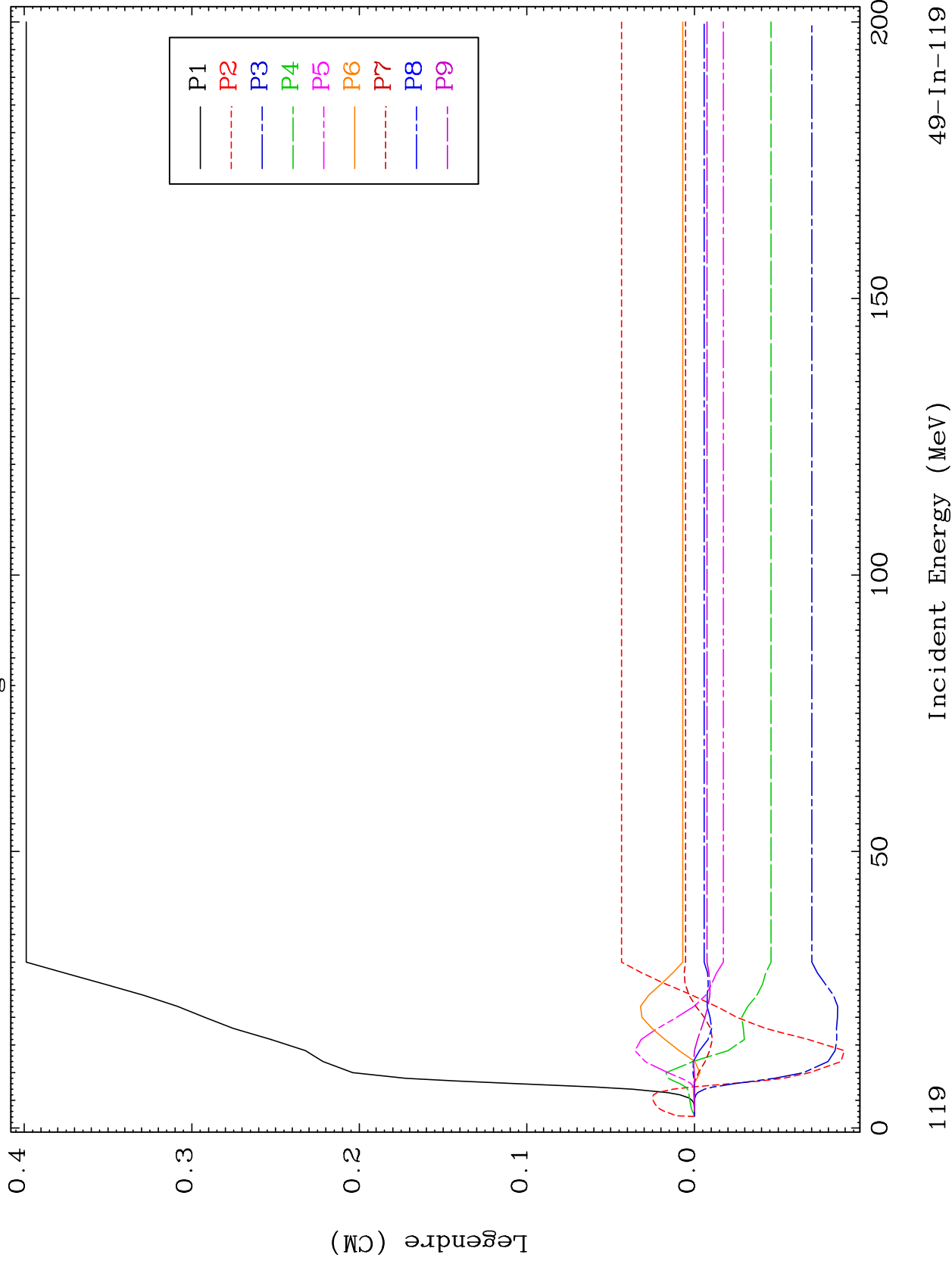
49-In-119

MAT 4943

MT= 77 (n,n') Level

49-In-119

Legendre Coefficients



49-In-119

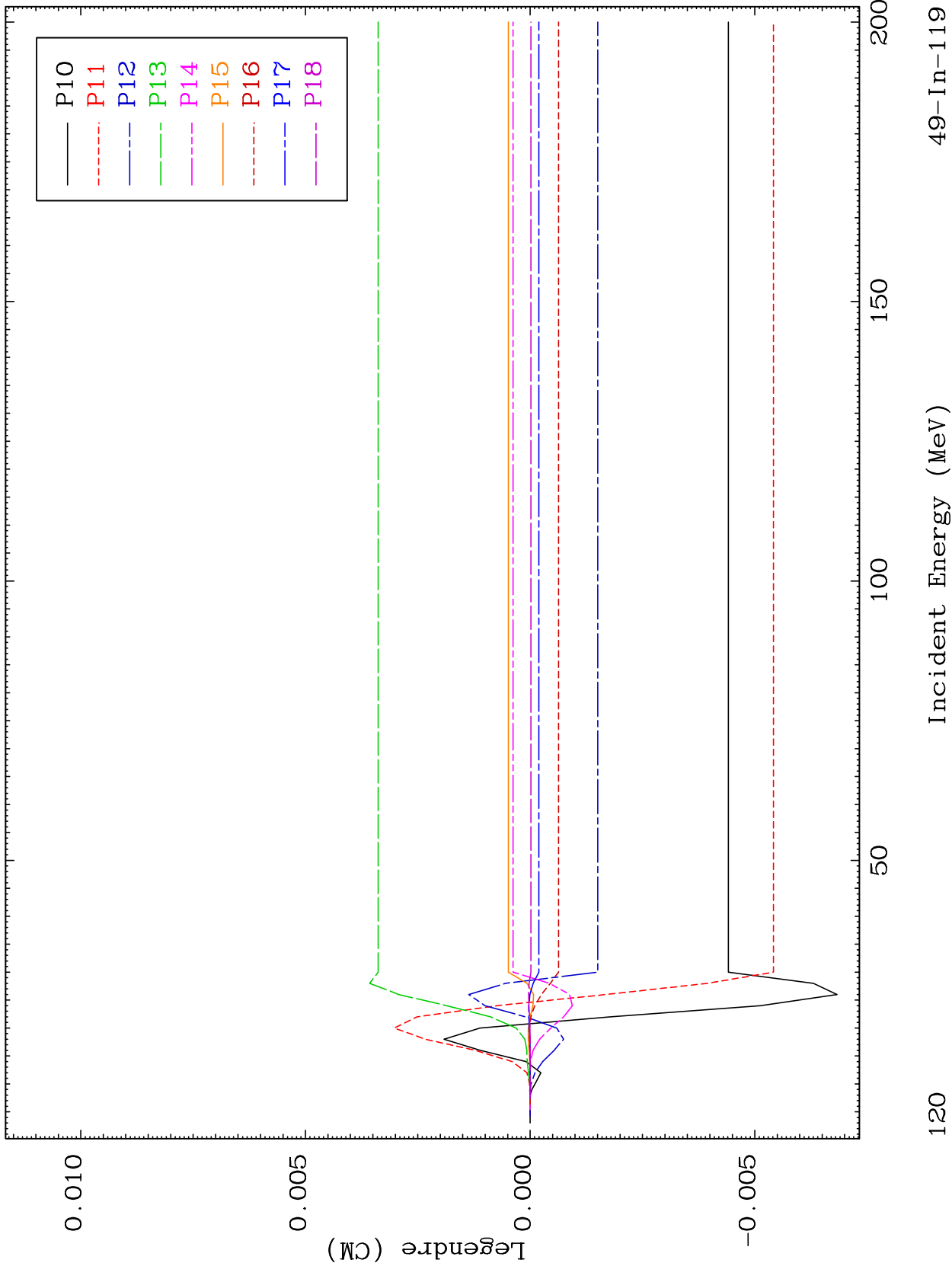
Incident Energy (MeV)

119

MAT 4943

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

49-In-119



49-In-119

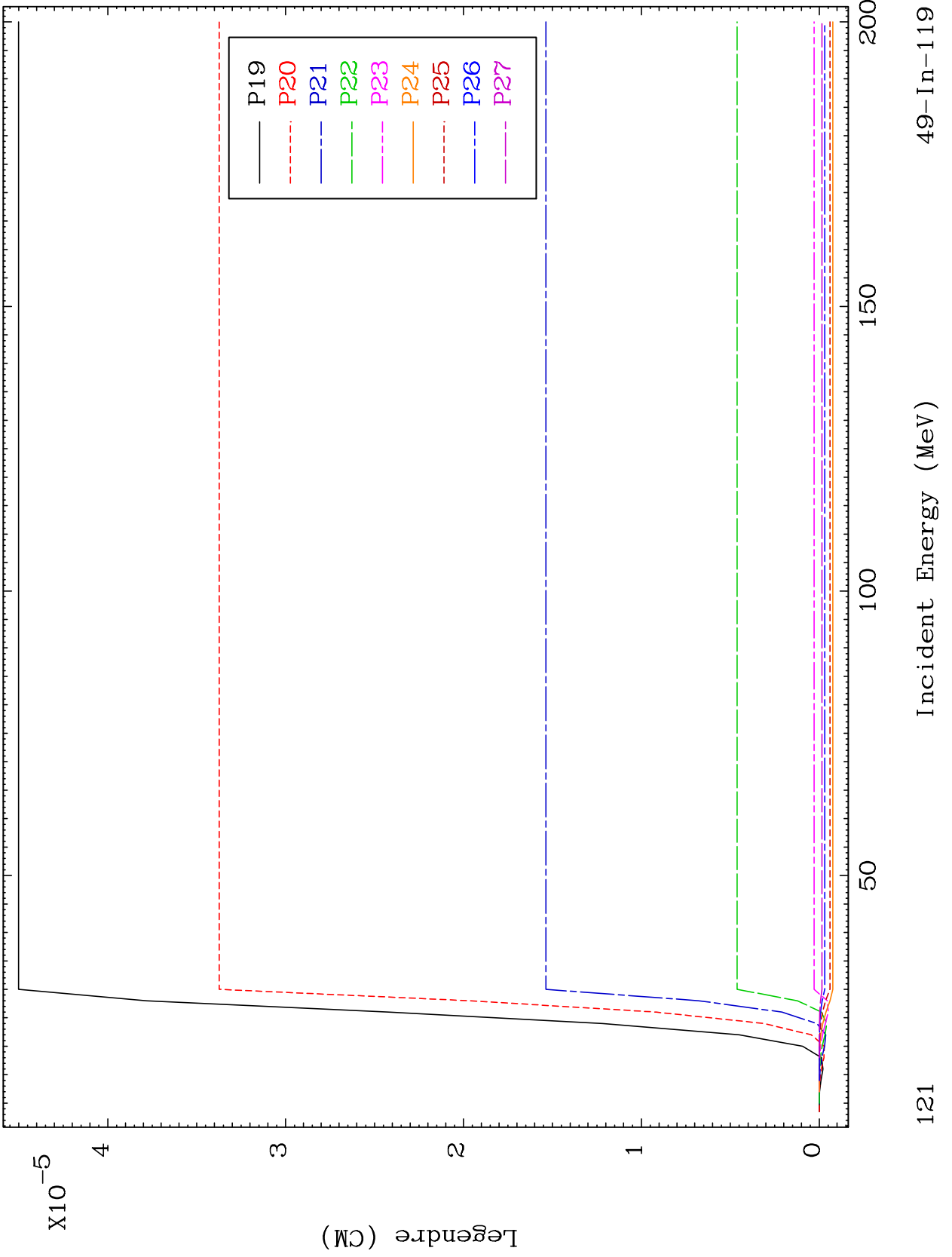
Incident Energy (MeV)

120

MAT 4943

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

49-In-119

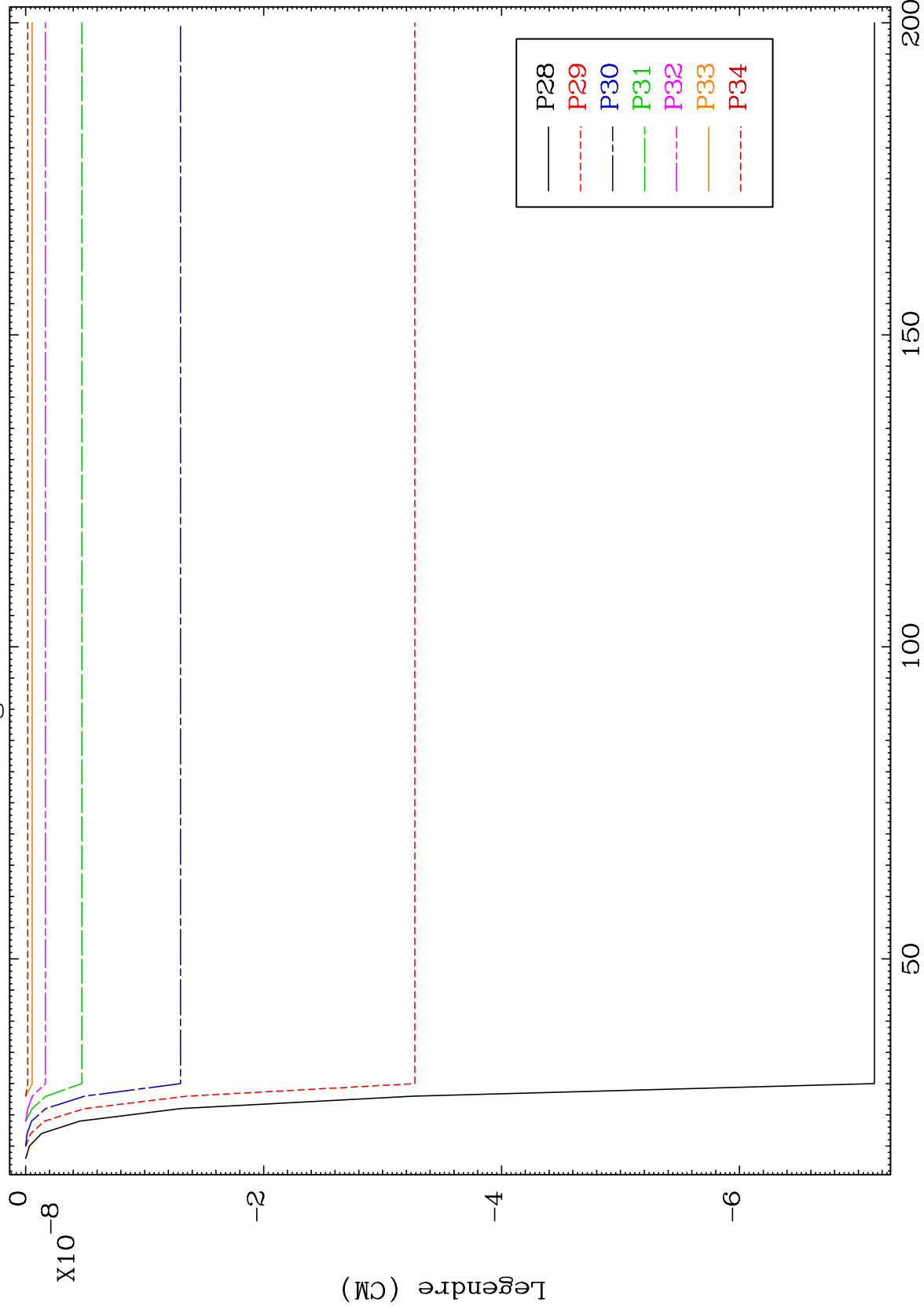


MAT 4943

MT= 77 (n,n') Level

49-In-119

Legendre Coefficients



122

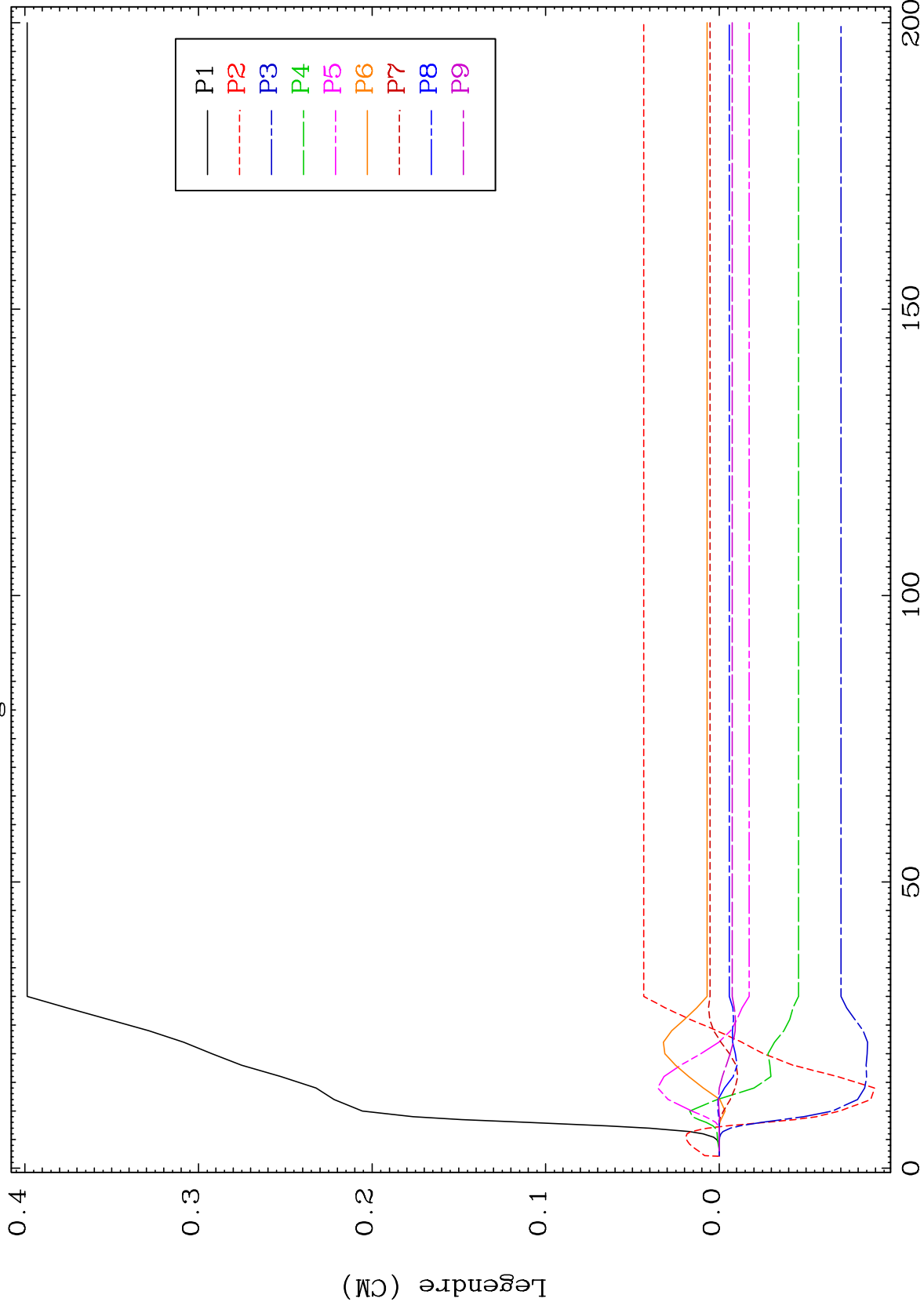
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



123

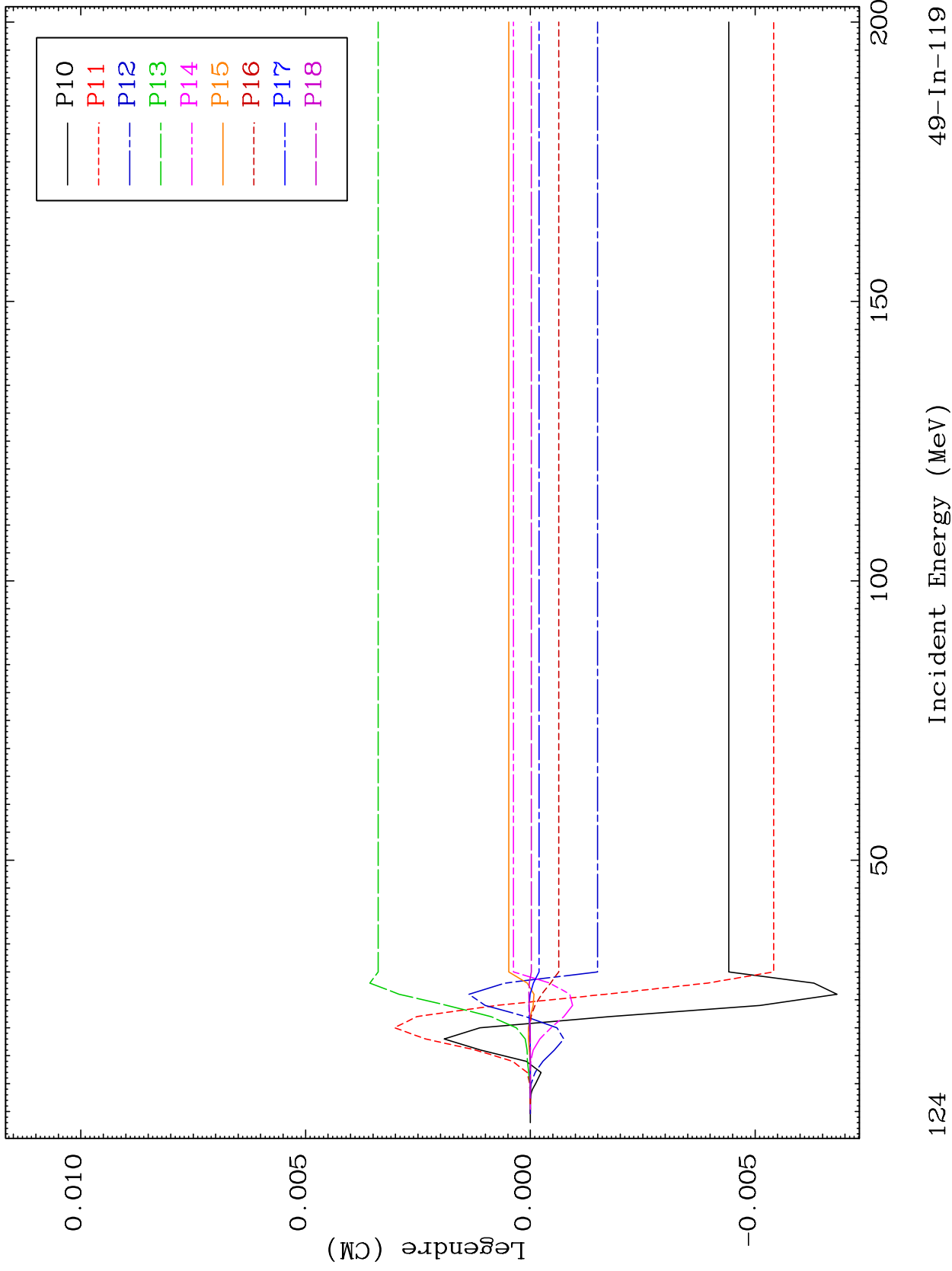
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



124

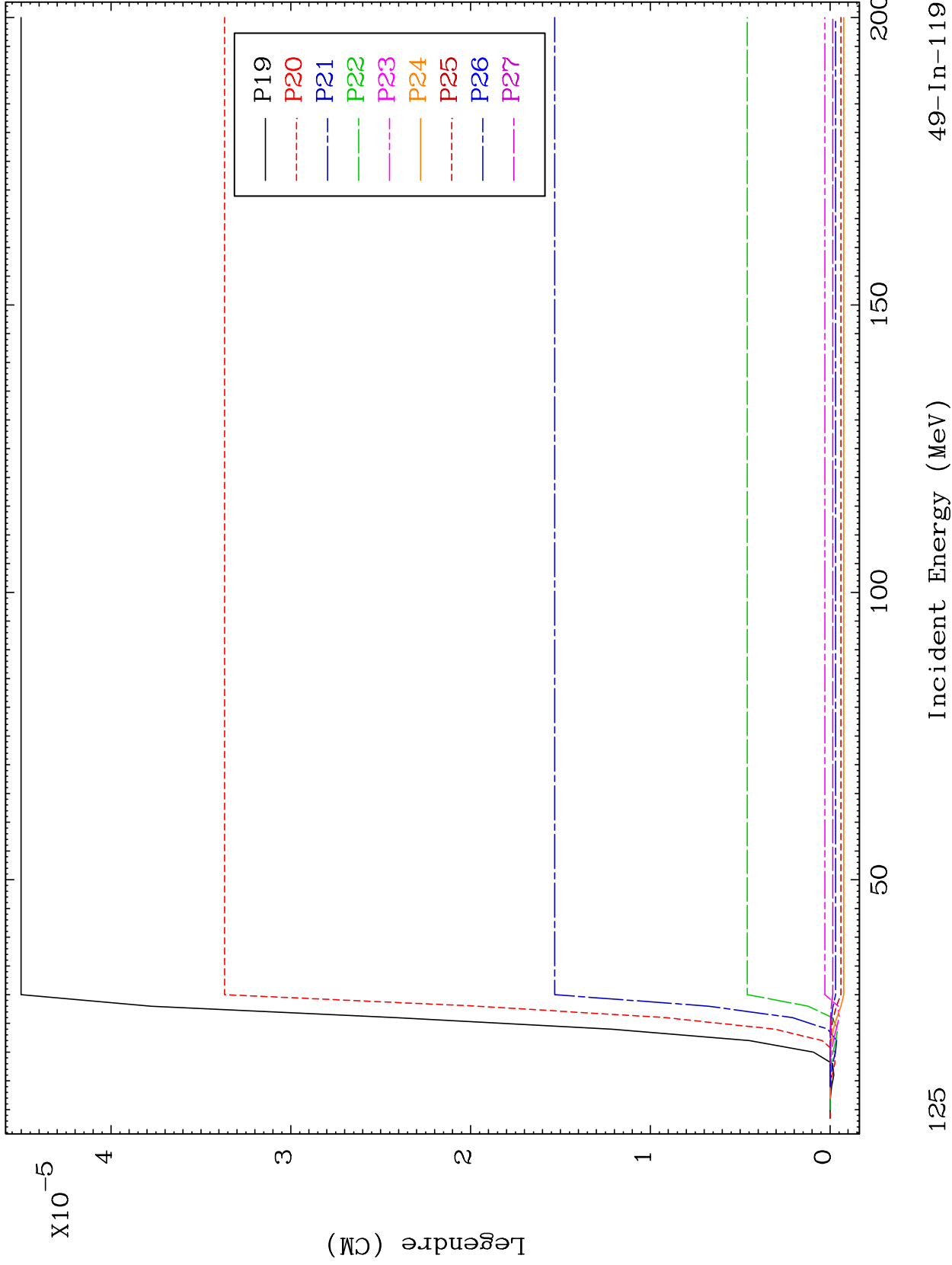
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119

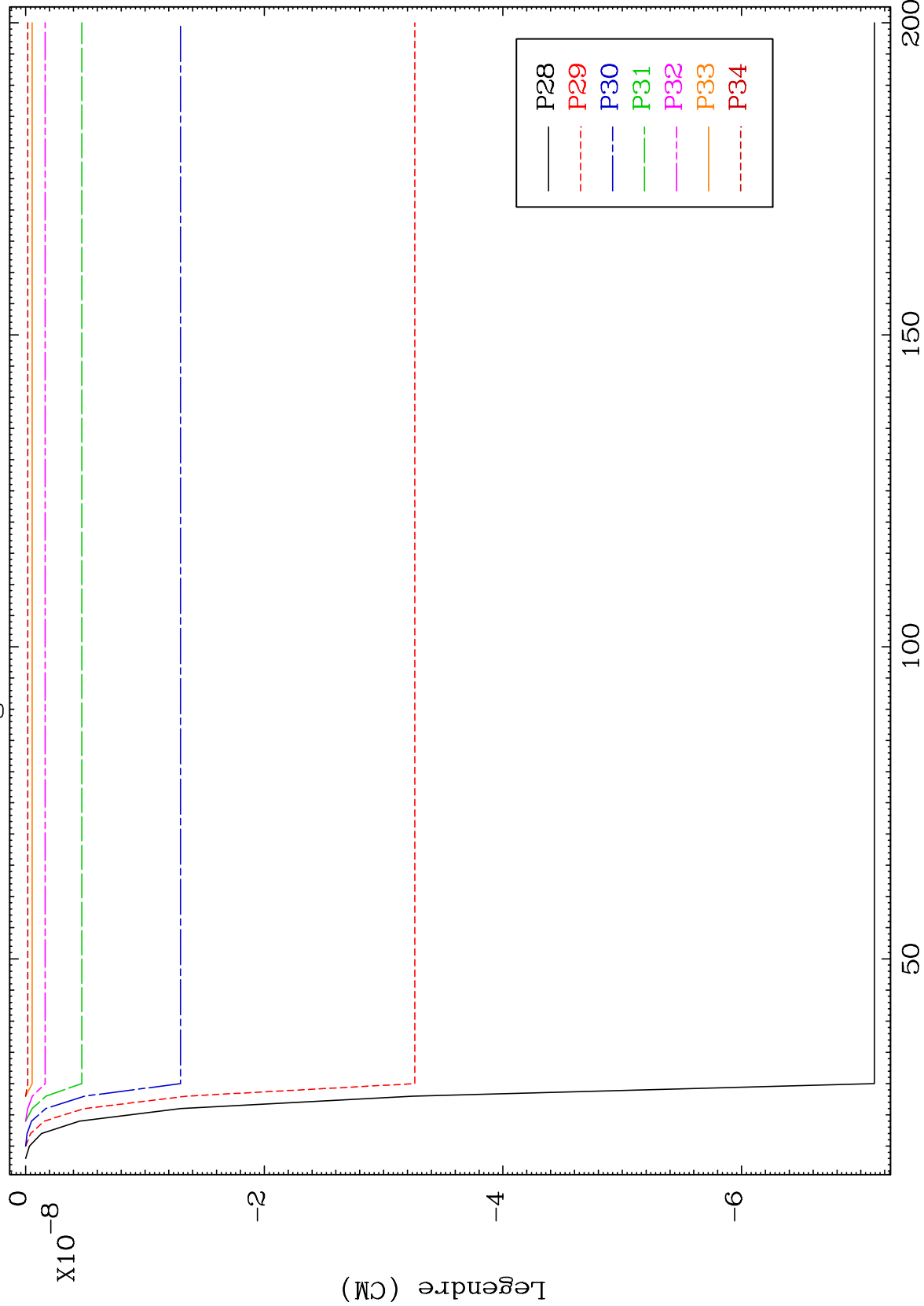


MAT 4943

MT= 78 (n,n') Level

49-In-119

Legendre Coefficients



49-In-119

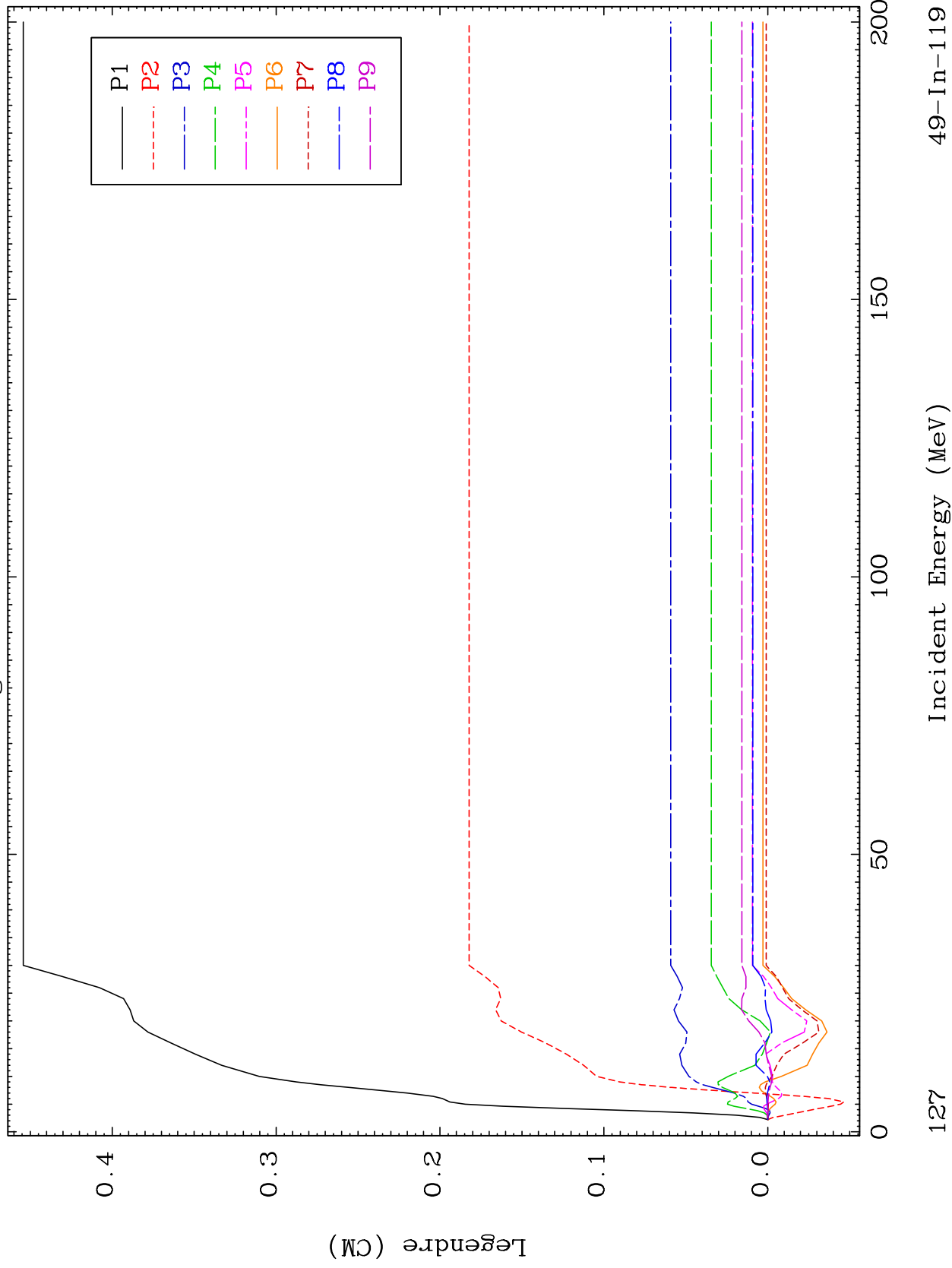
Incident Energy (MeV)

126

MAT 4943

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

49-In-119



49-In-119

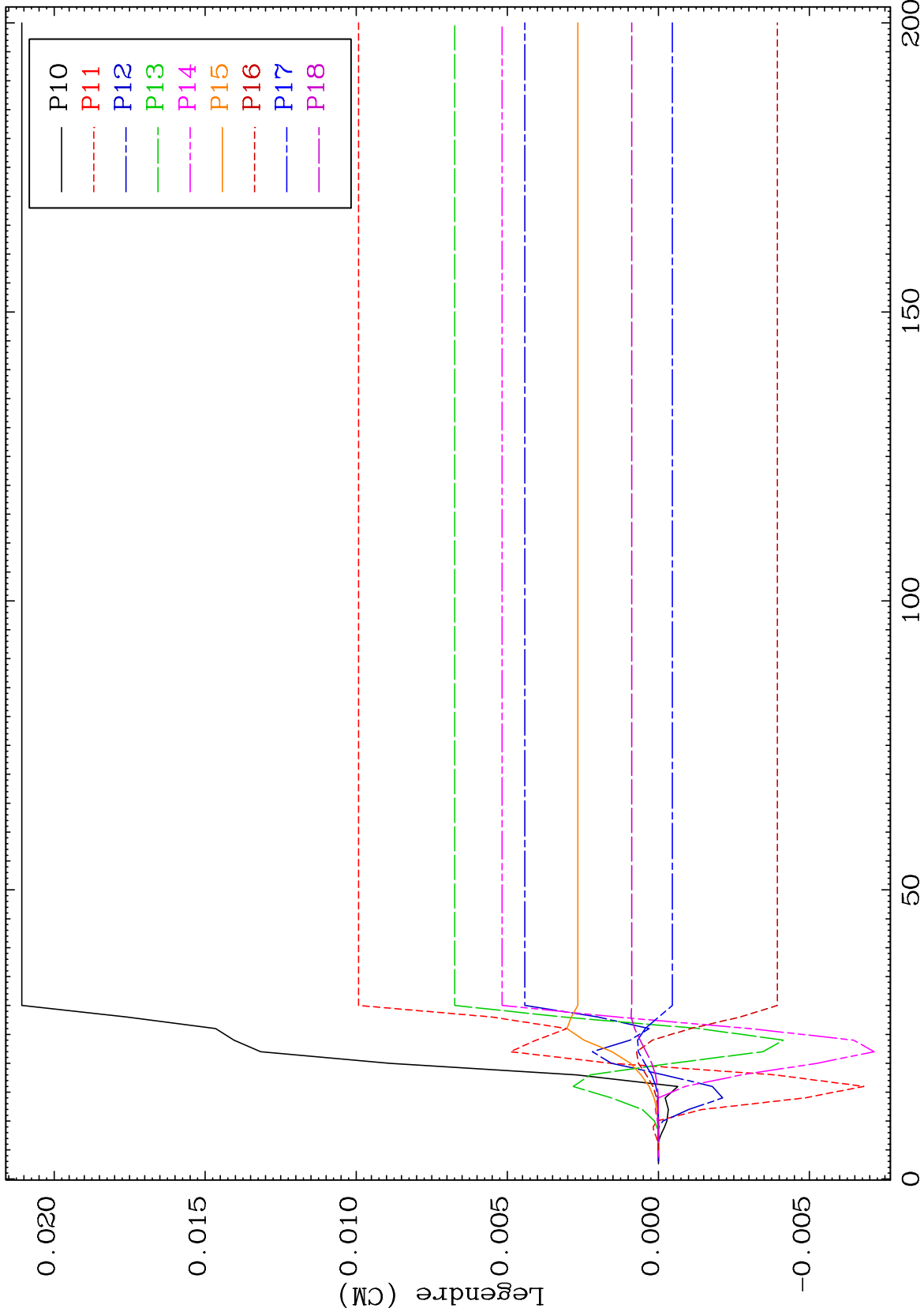
Incident Energy (MeV)

127

MAT 4943

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

49-In-119



128

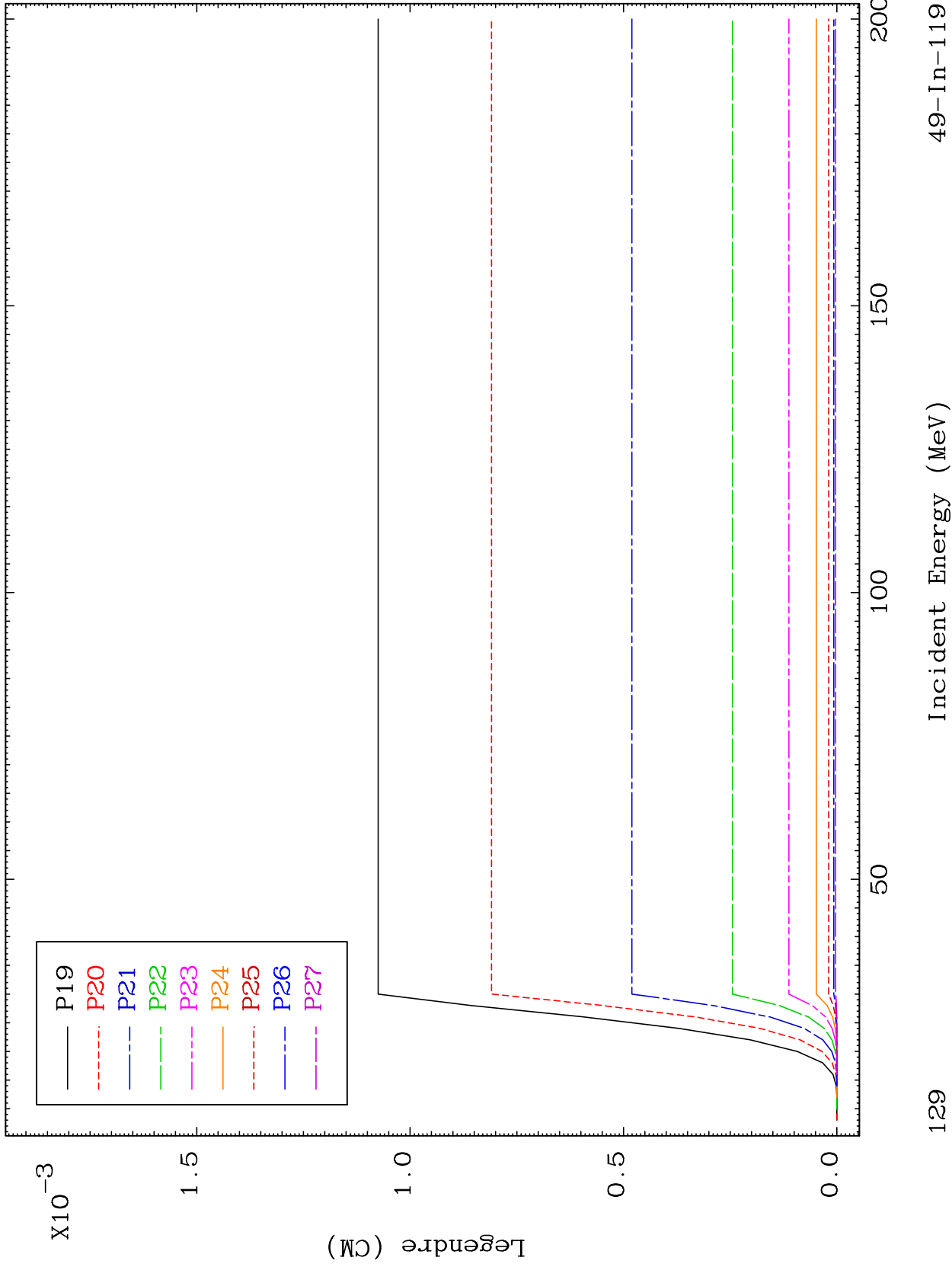
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



129

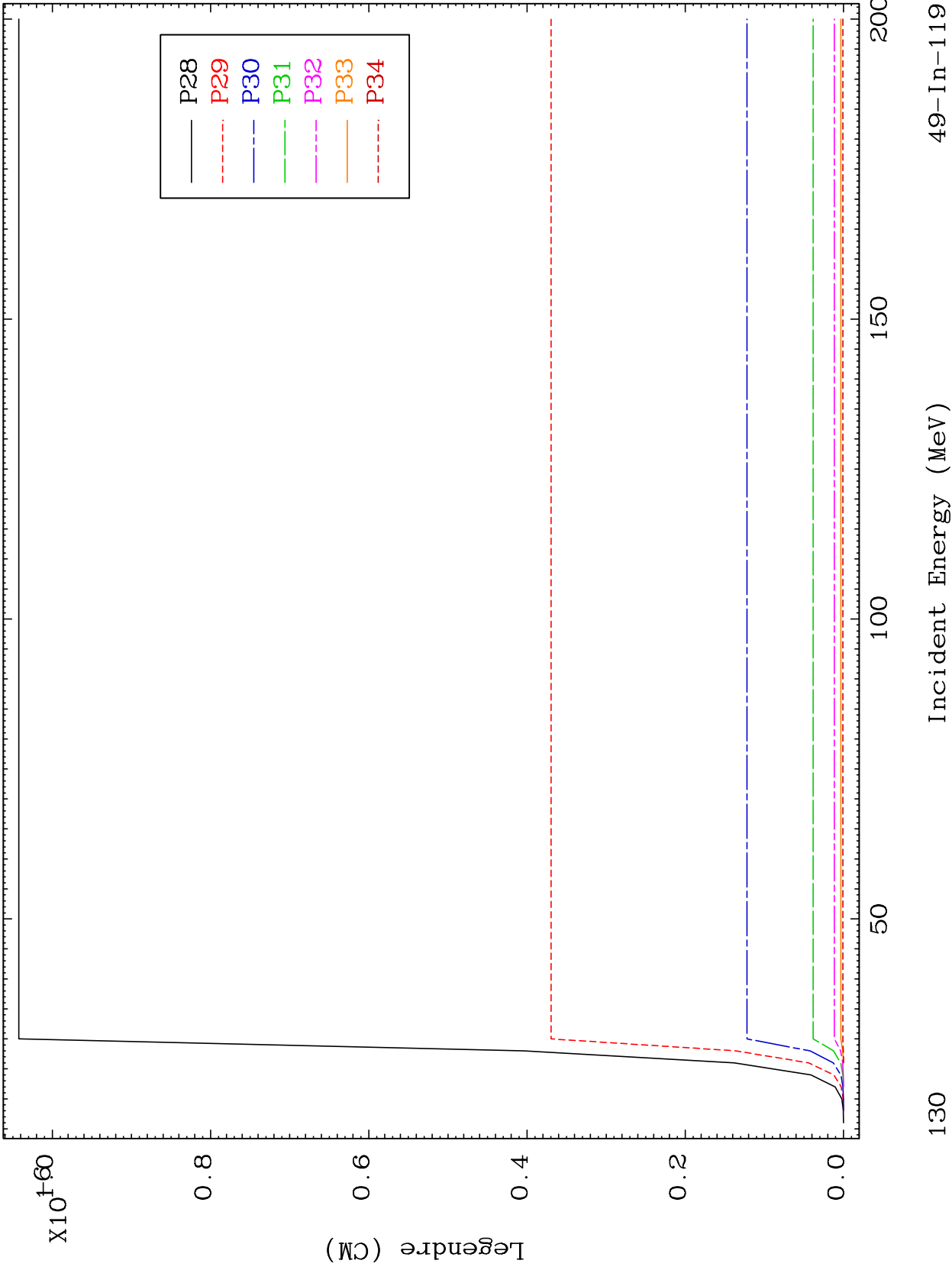
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



130

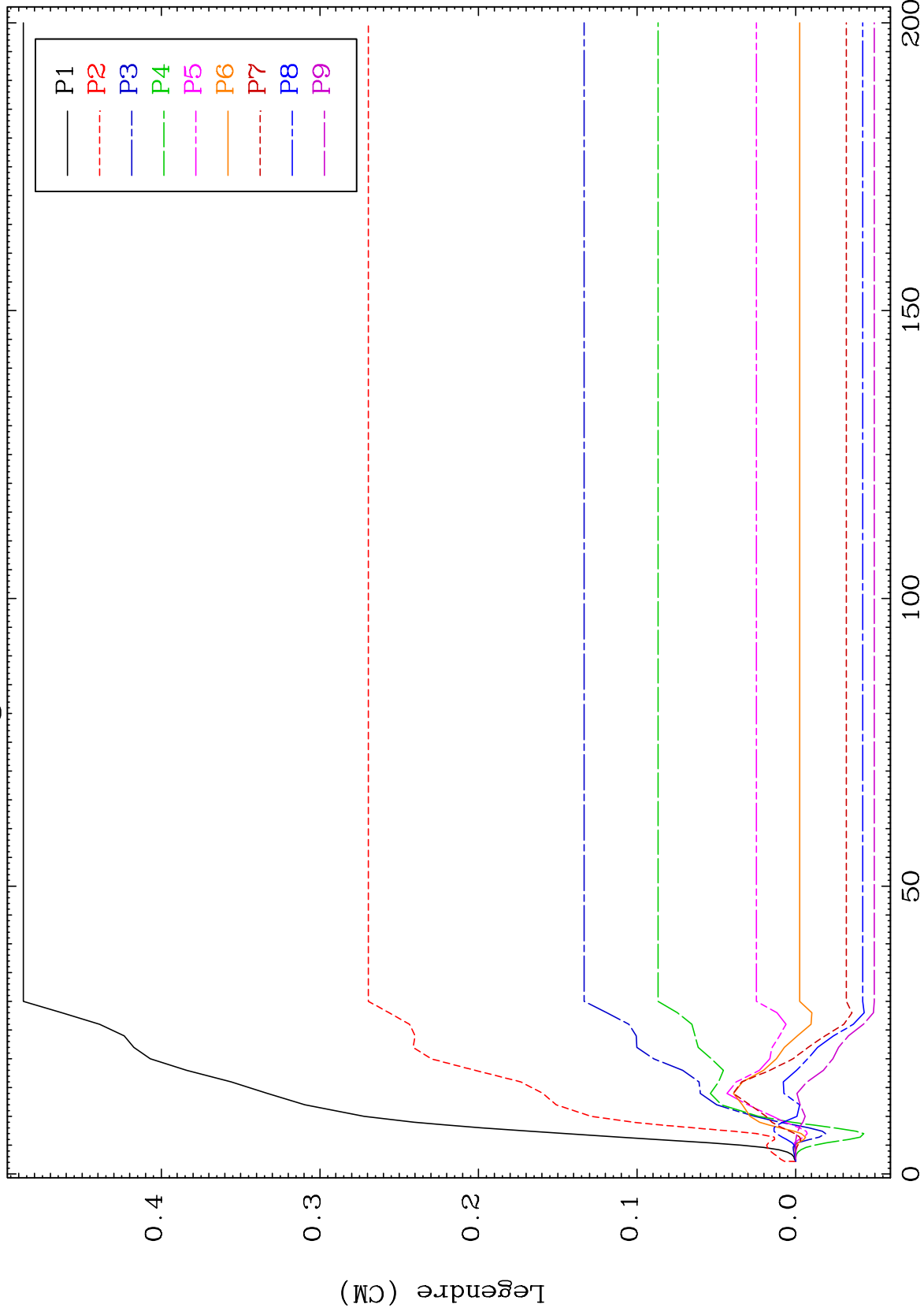
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



131

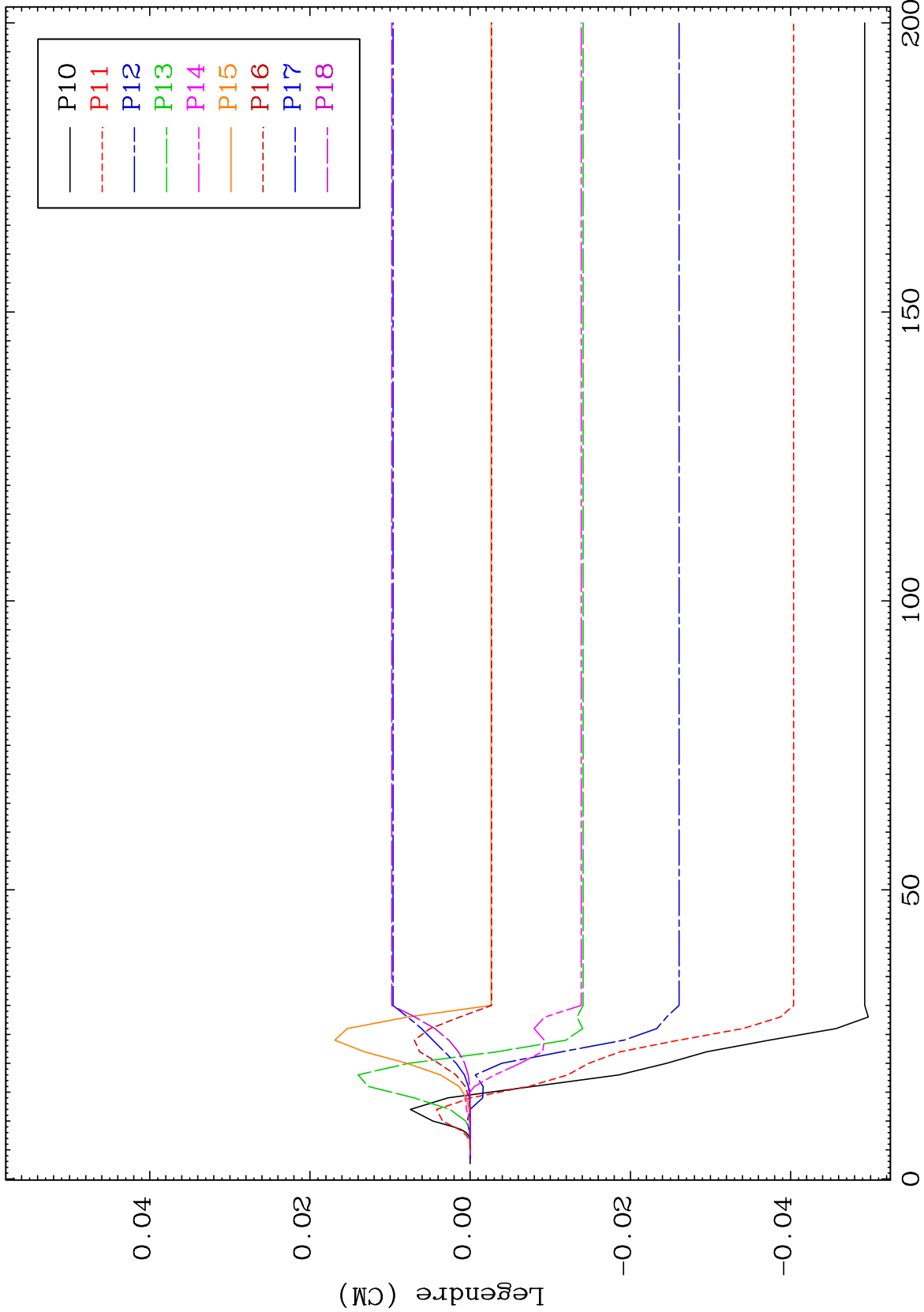
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



132

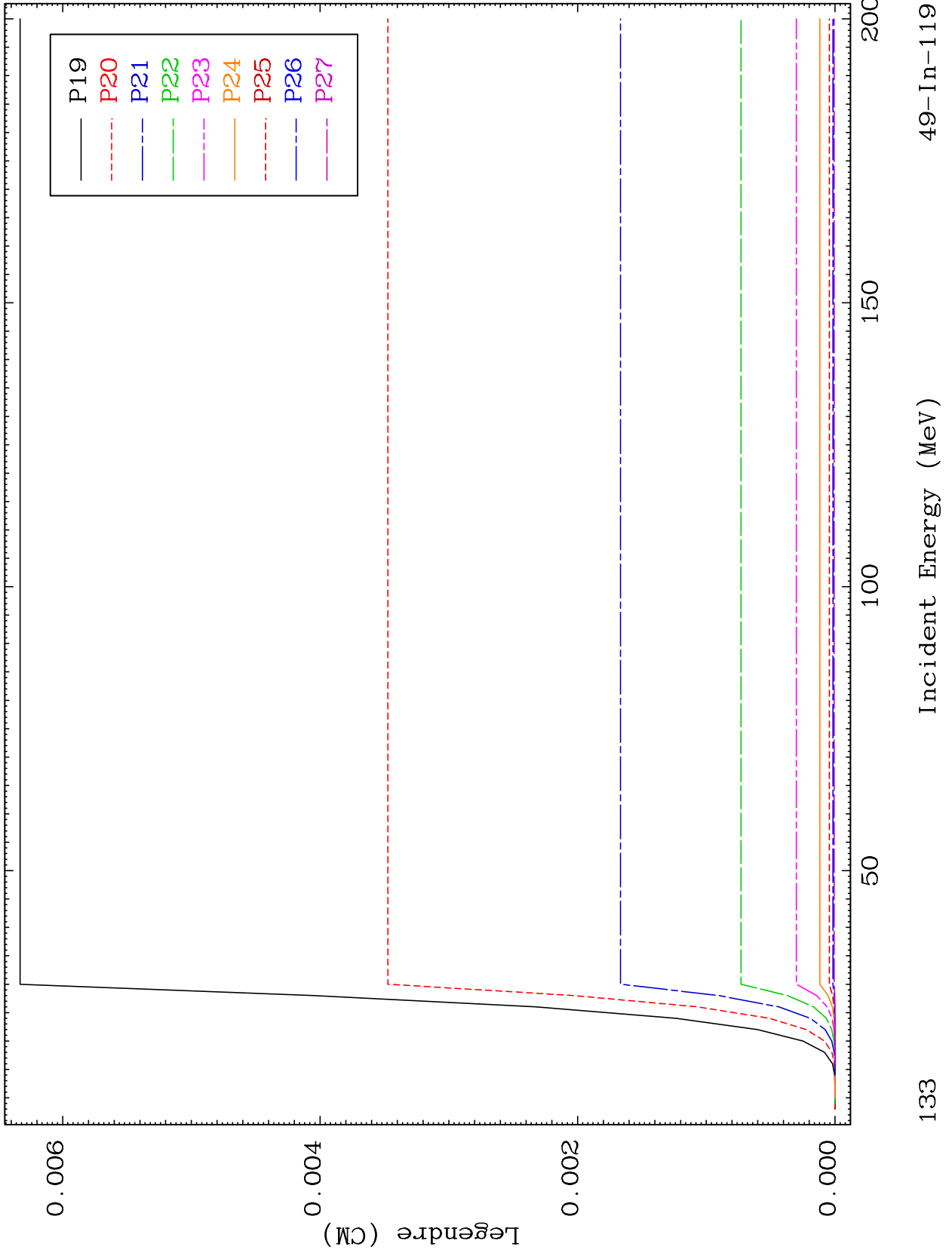
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



133

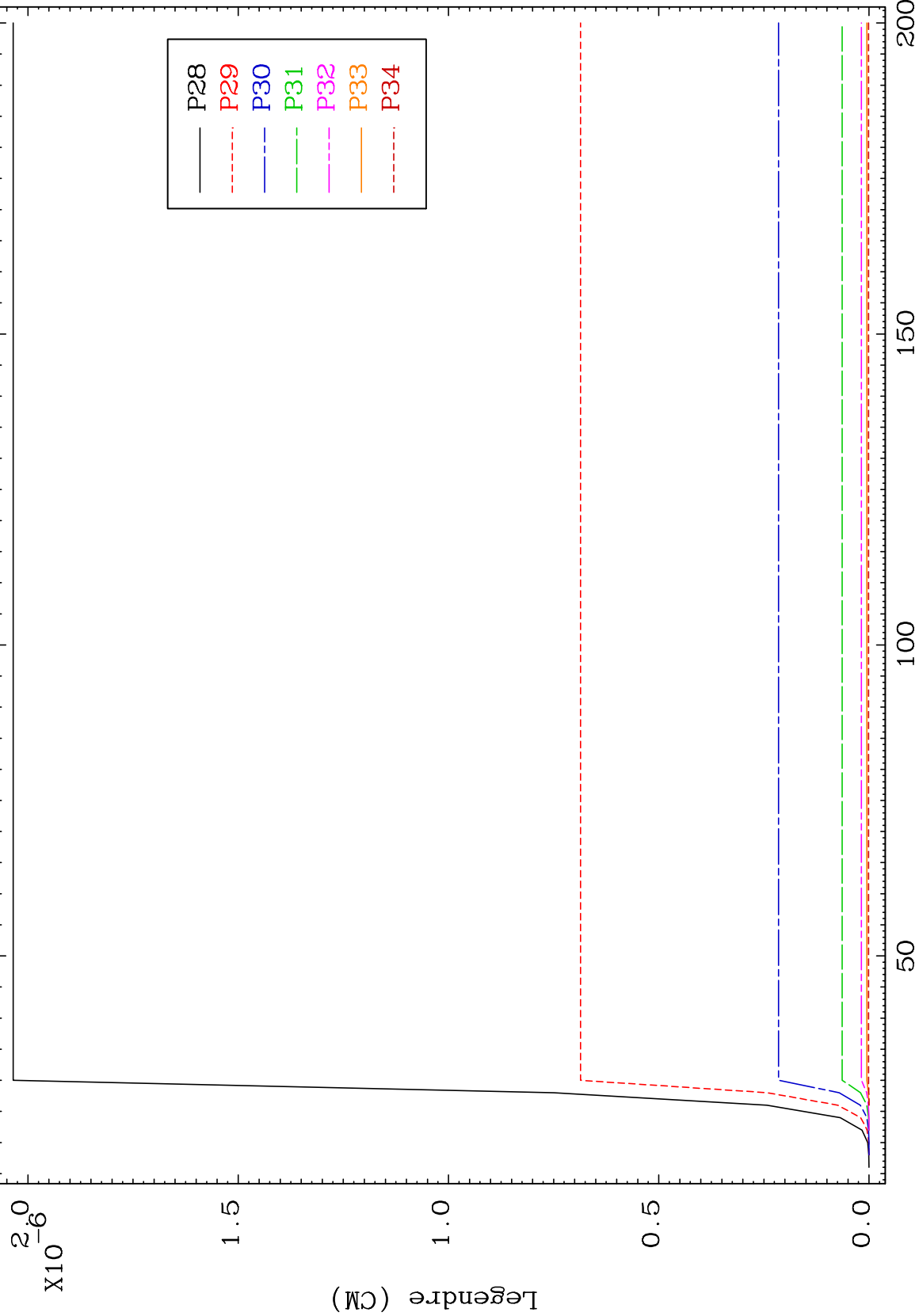
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



134

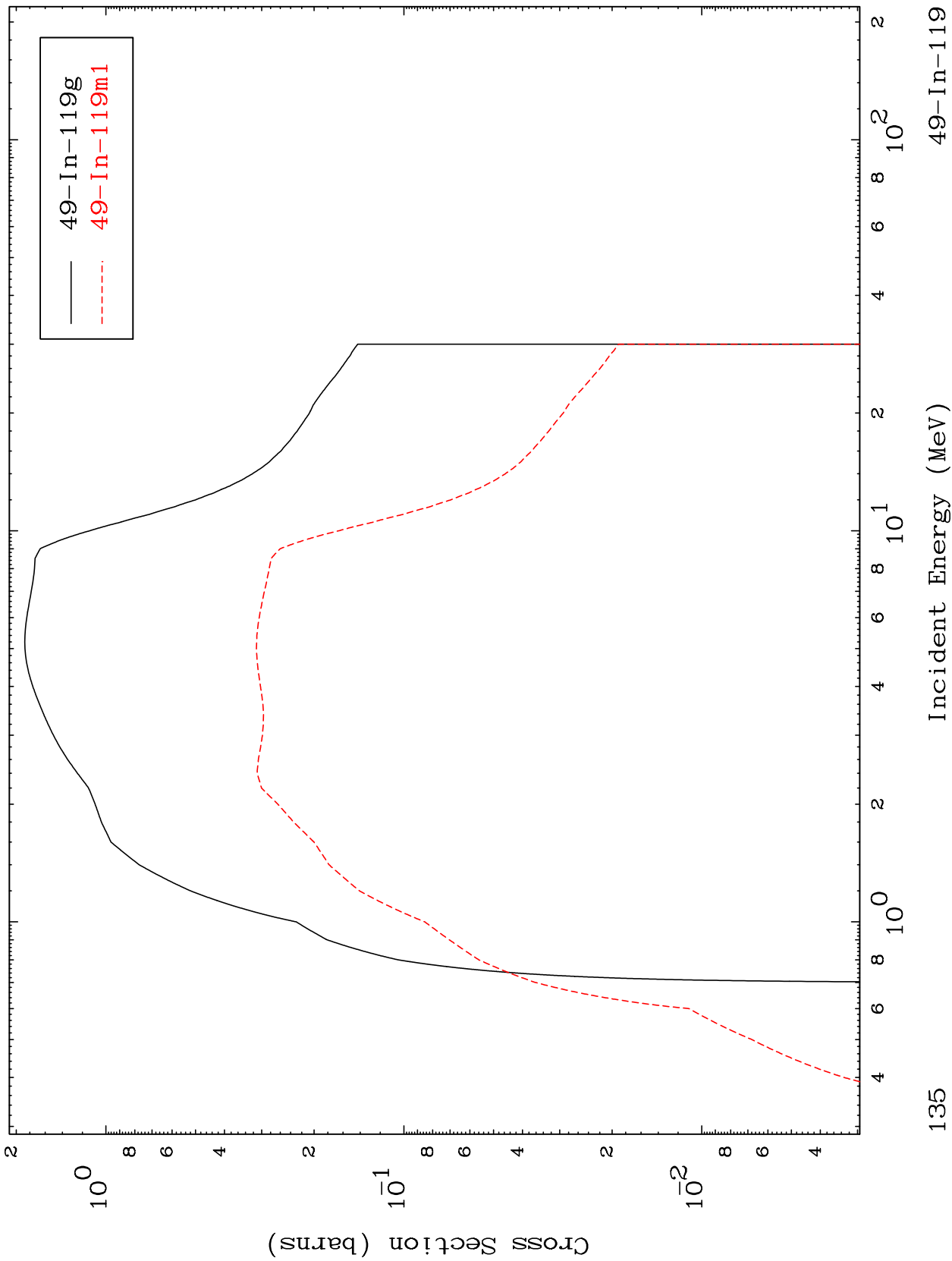
Incident Energy (MeV)

49-In-119

MAT 4943

49-In-119

Inelastic
Radionuclide Production Cross Section



135

Incident Energy (MeV)

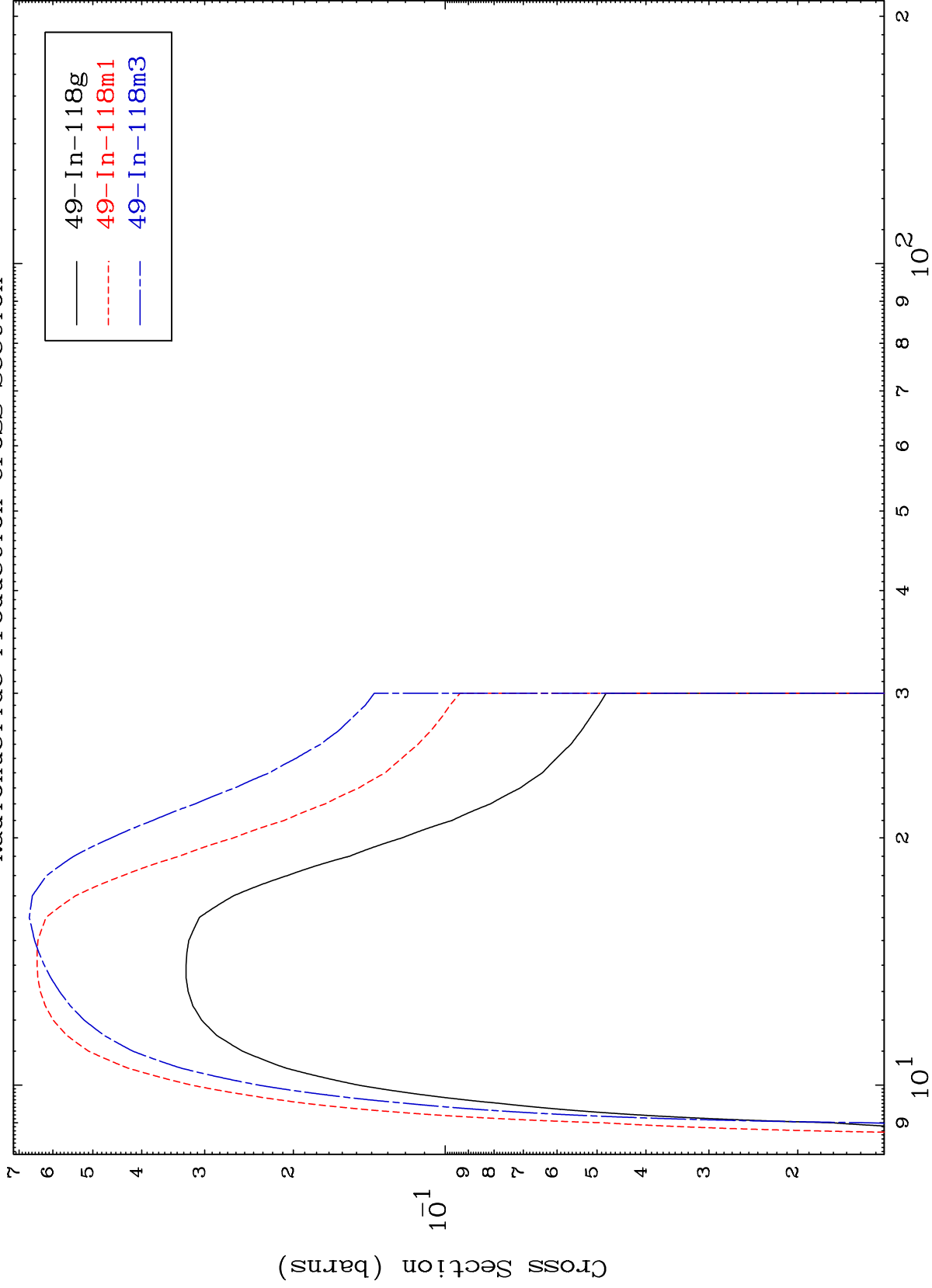
49-In-119

MAT 4943

(n,2n)

49-In-119

Radionuclide Production Cross Section



136

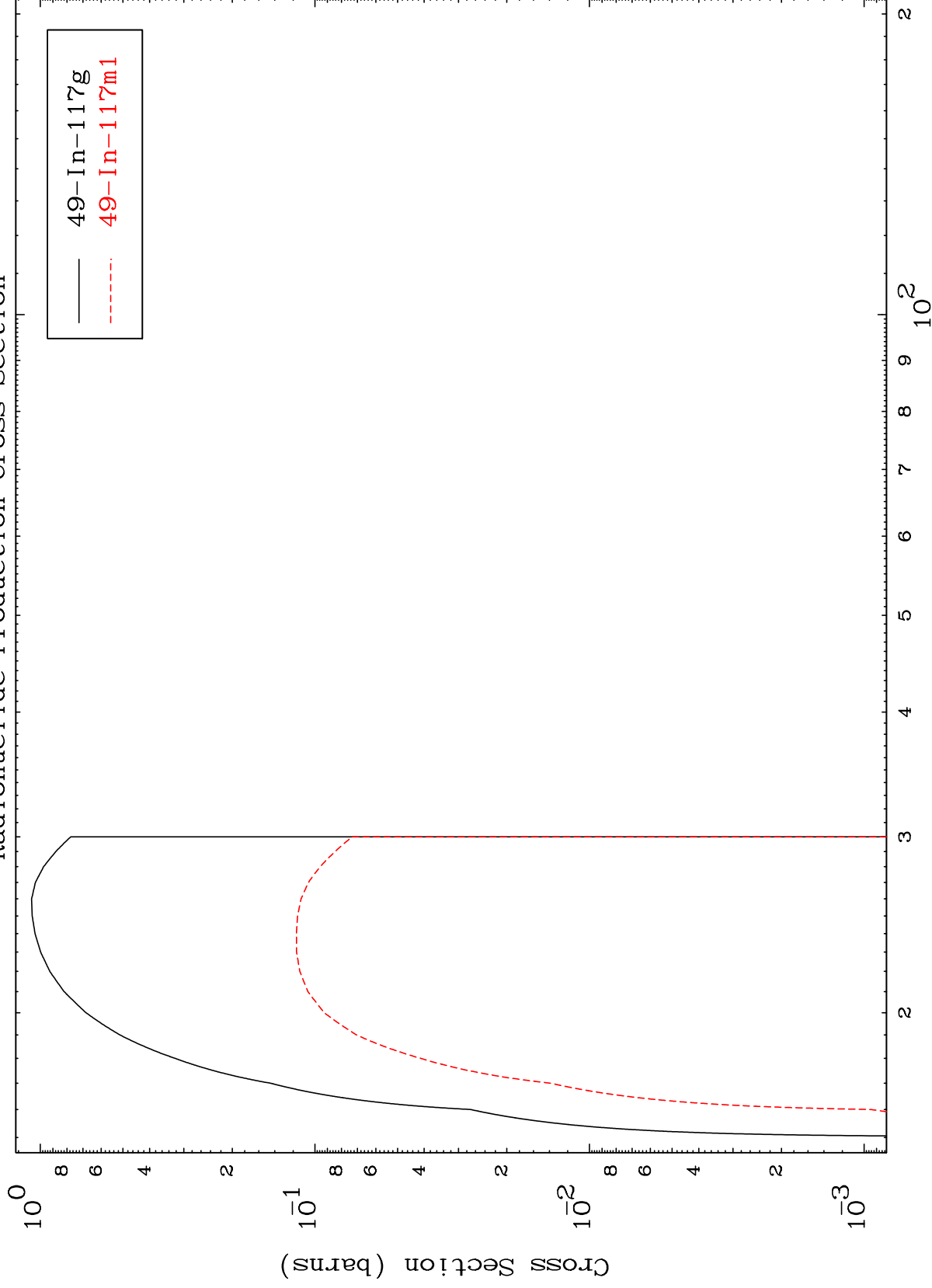
Incident Energy (MeV)

49-In-119

MAT 4943

49-In-119

(n,3n)
Radionuclide Production Cross Section



137

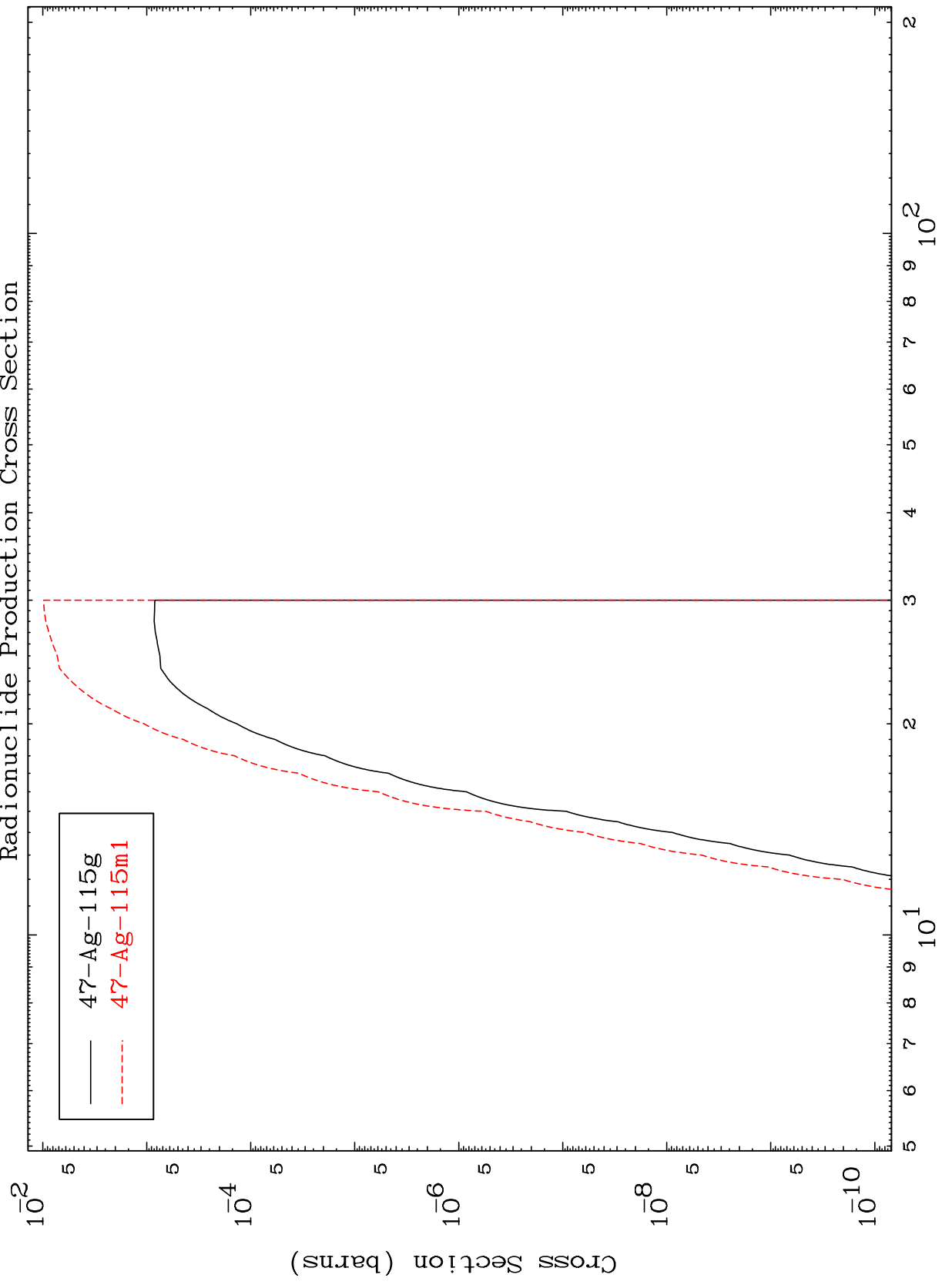
Incident Energy (MeV)

49-In-119

MAT 4943

49-In-119

Radionuclide Production Cross Section



— 47-Ag-115g
- - - 47-Ag-115m1

49-In-119

Incident Energy (MeV)

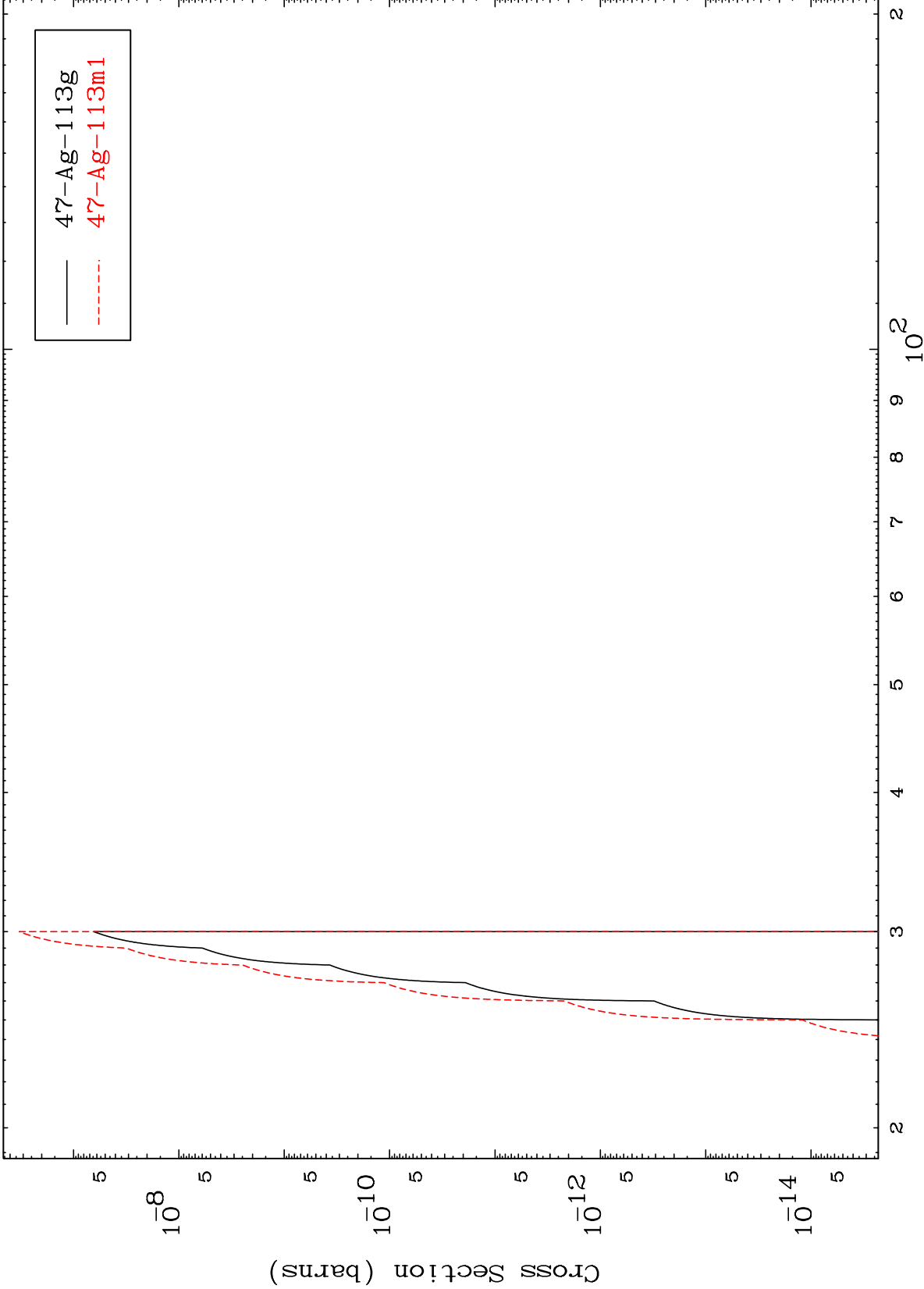
138

MAT 4943

(n,3n) α

49-In-119

Radionuclide Production Cross Section



139

Incident Energy (MeV)

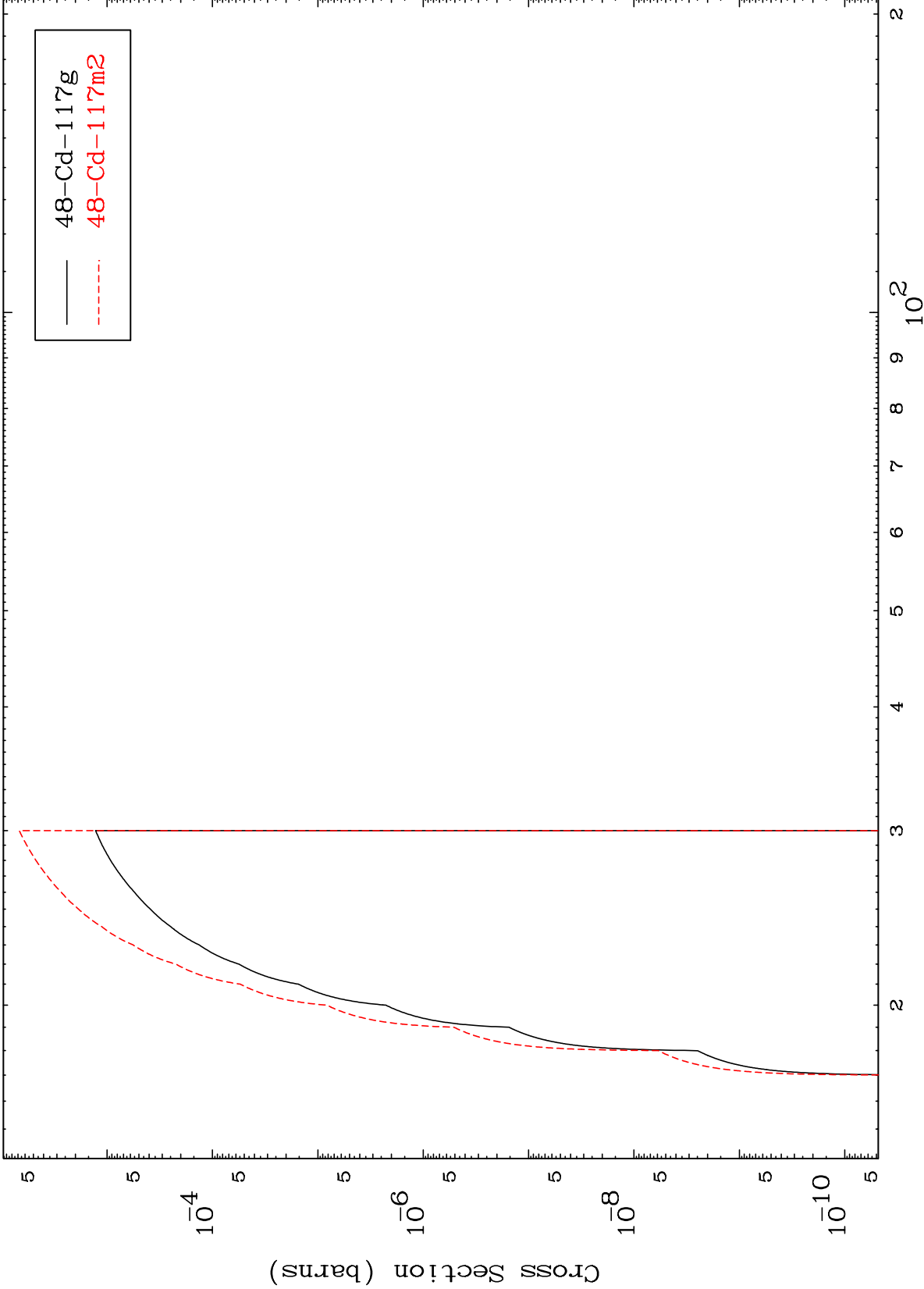
49-In-119

MAT 4943

(n,n') d

49-In-119

Radionuclide Production Cross Section



140

Incident Energy (MeV)

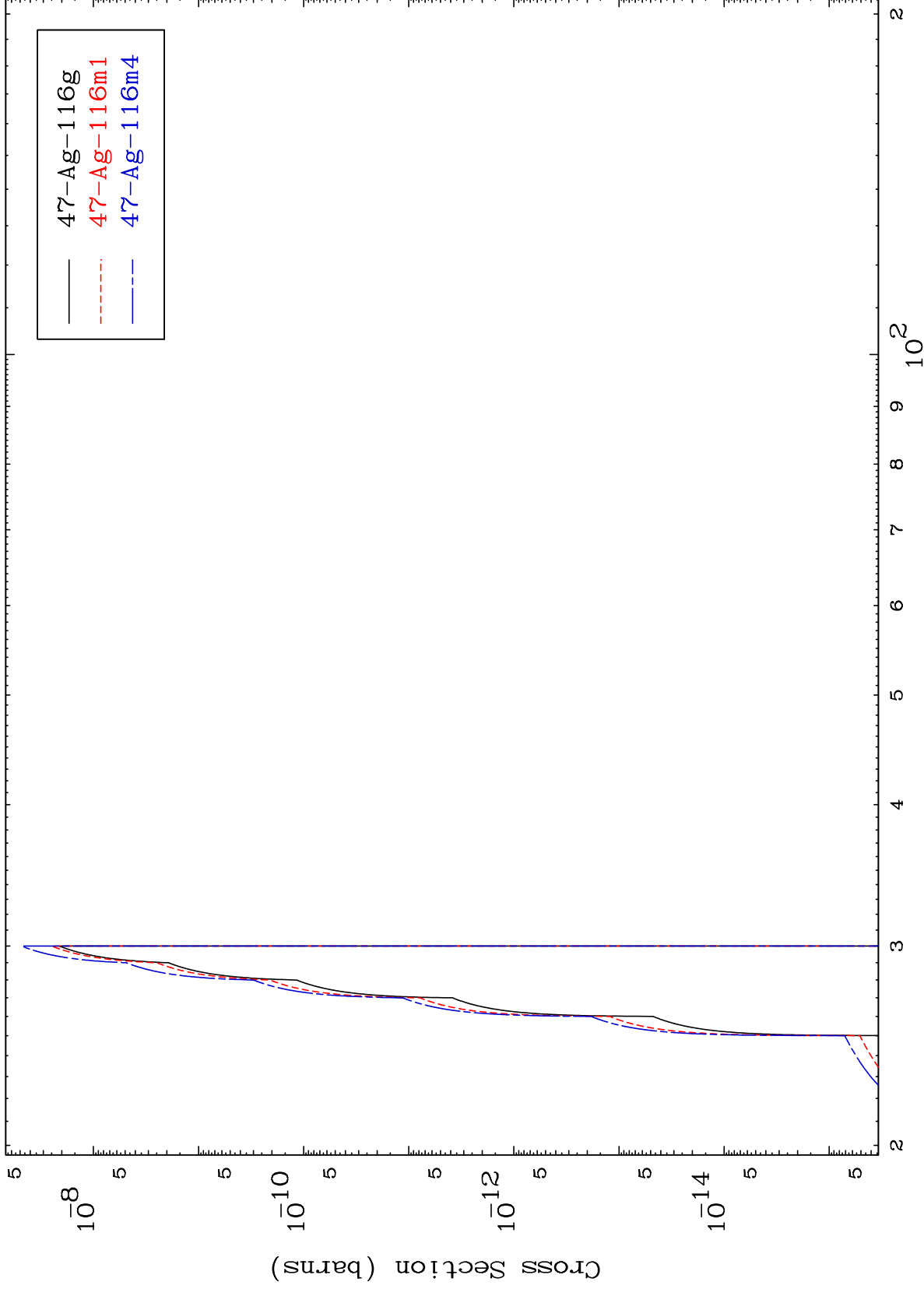
49-In-119

MAT 4943

(n,n') He-3

49-In-119

Radionuclide Production Cross Section



141

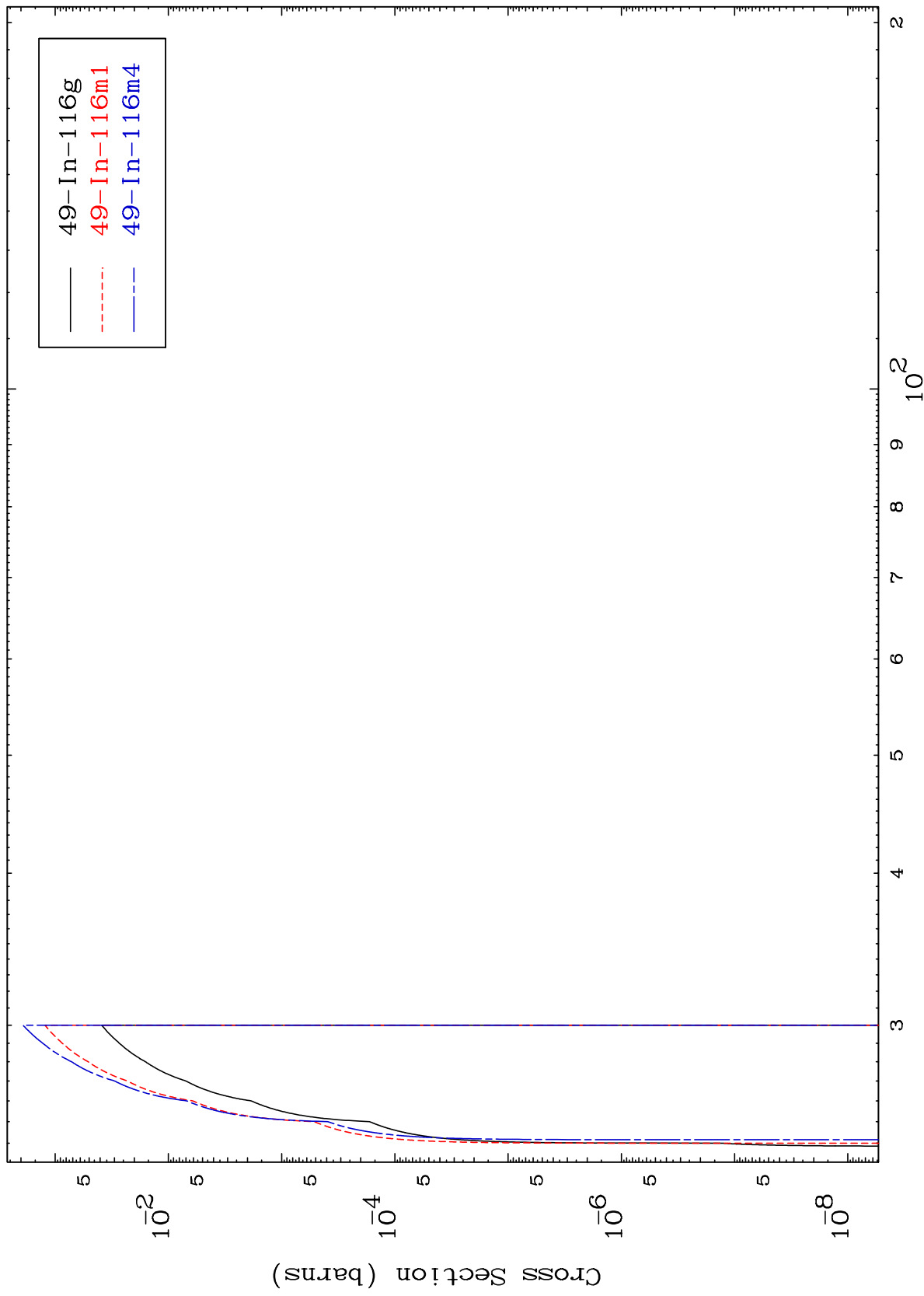
Incident Energy (MeV)

49-In-119

MAT 4943

49-In-119

(n,4n)
Radionuclide Production Cross Section



142

49-In-119

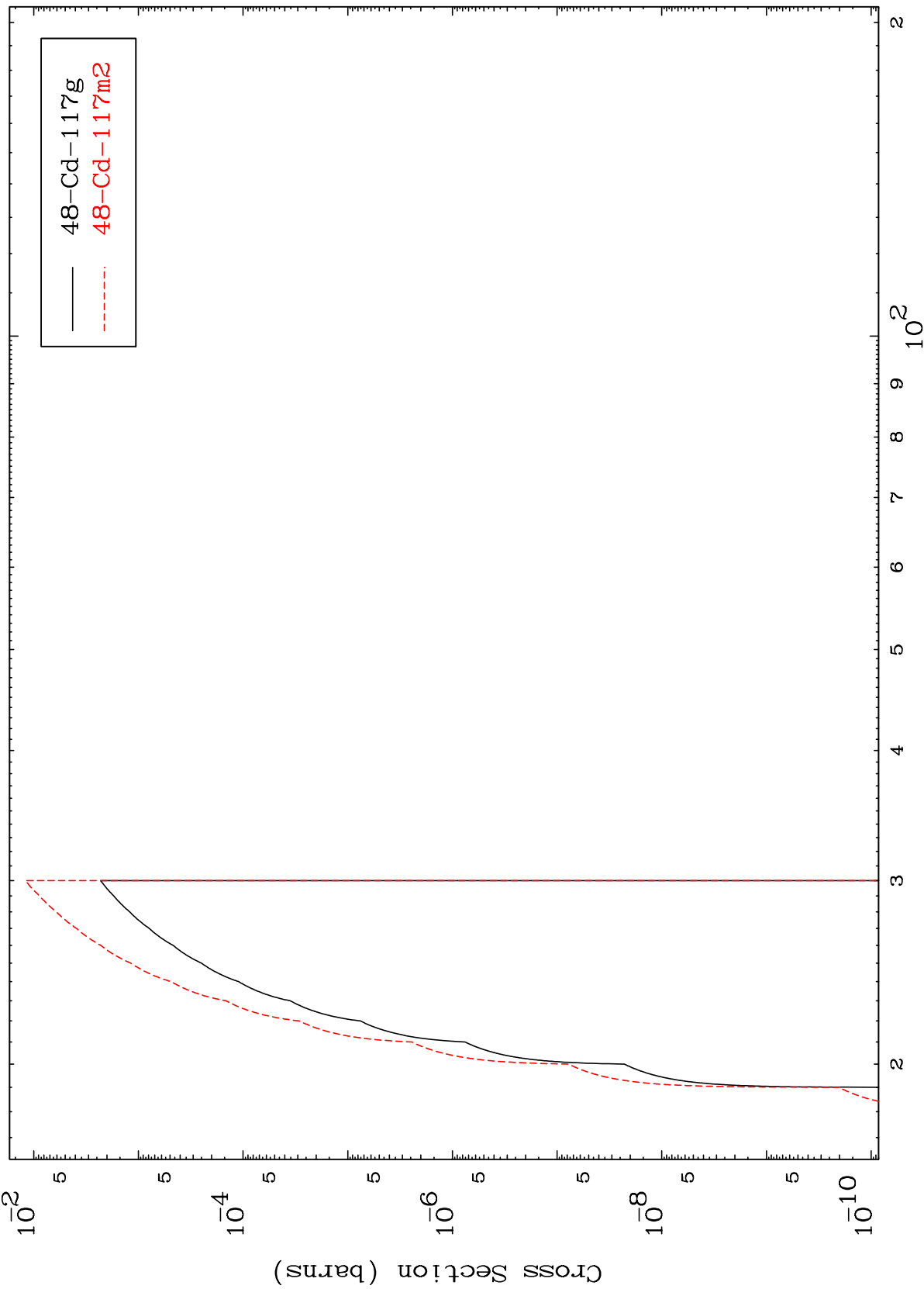
Incident Energy (MeV)

MAT 4943

(n,2n) p

49-In-119

Radionuclide Production Cross Section



143

Incident Energy (MeV)

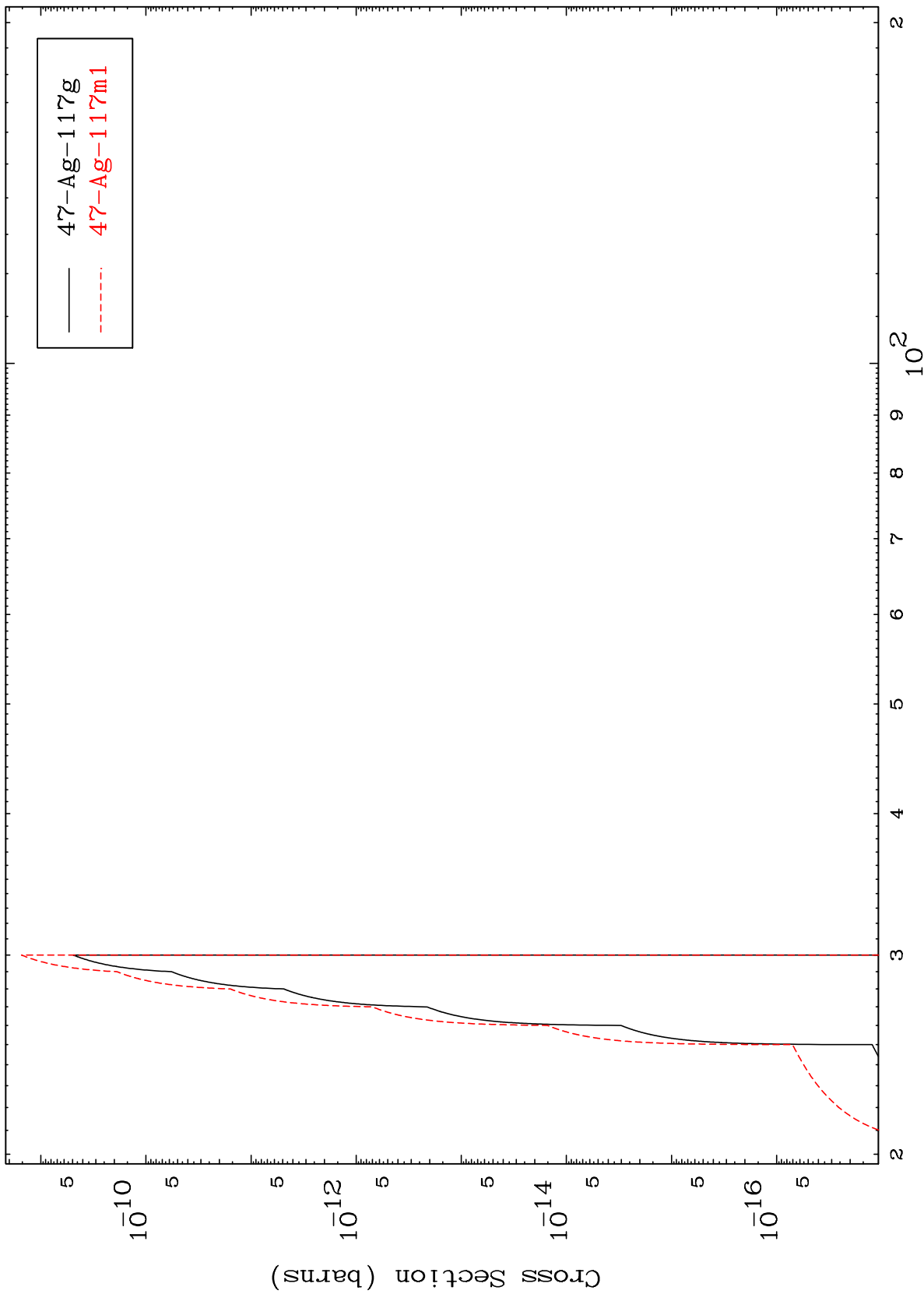
49-In-119

MAT 4943

(n,2n) p

49-In-119

Radionuclide Production Cross Section



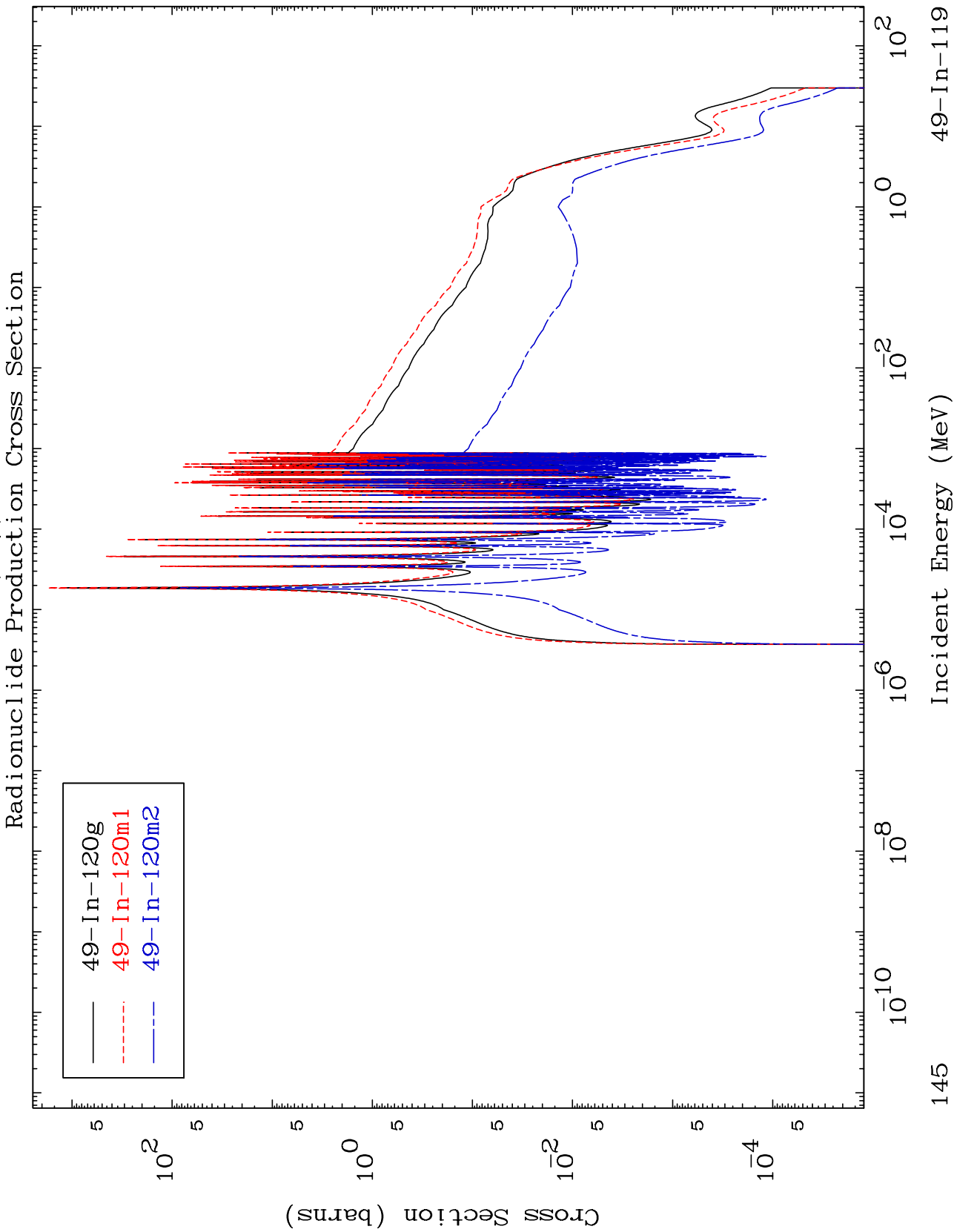
144

Incident Energy (MeV)

49-In-119

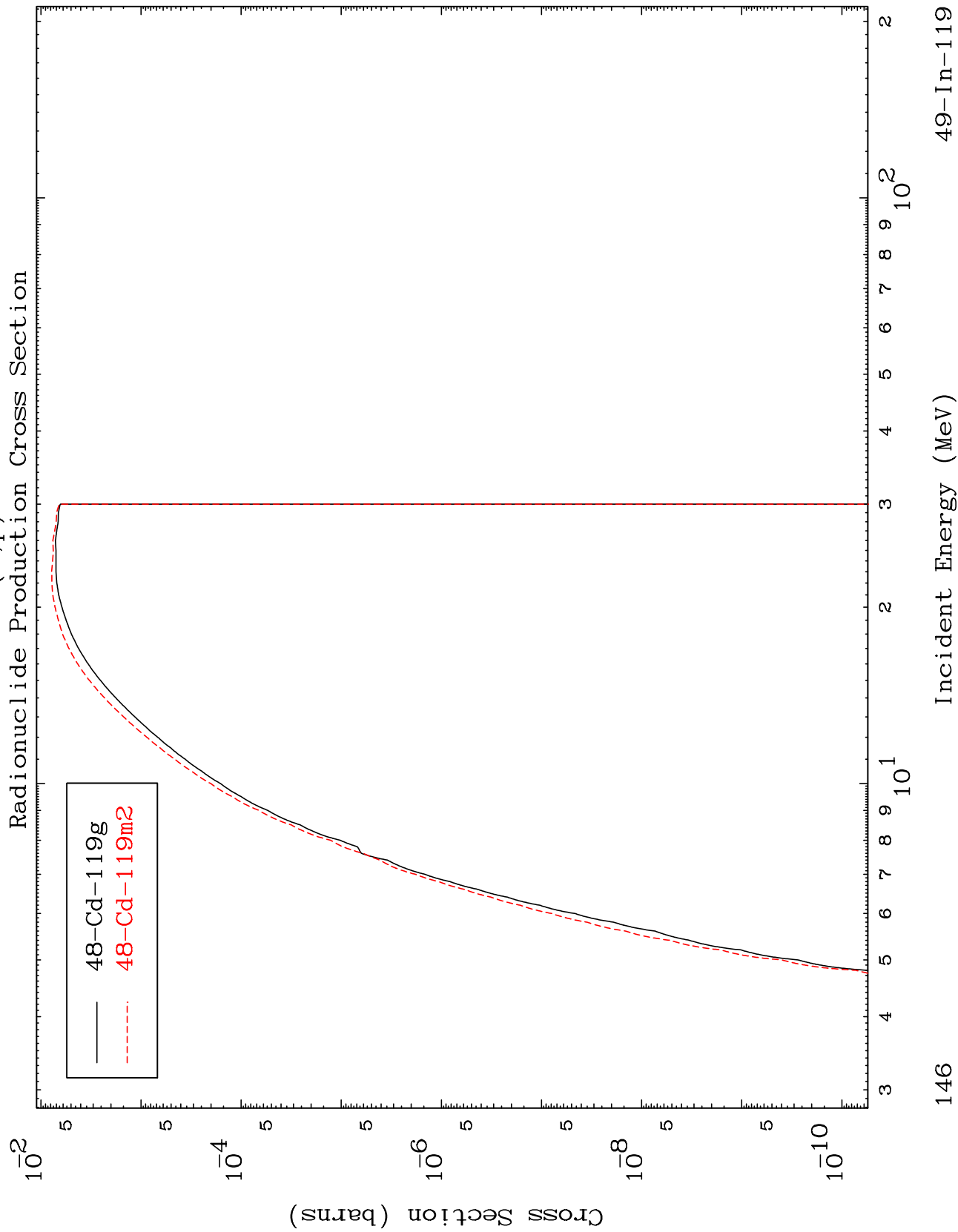
MAT 4943

49-In-119



MAT 4943

49-In-119



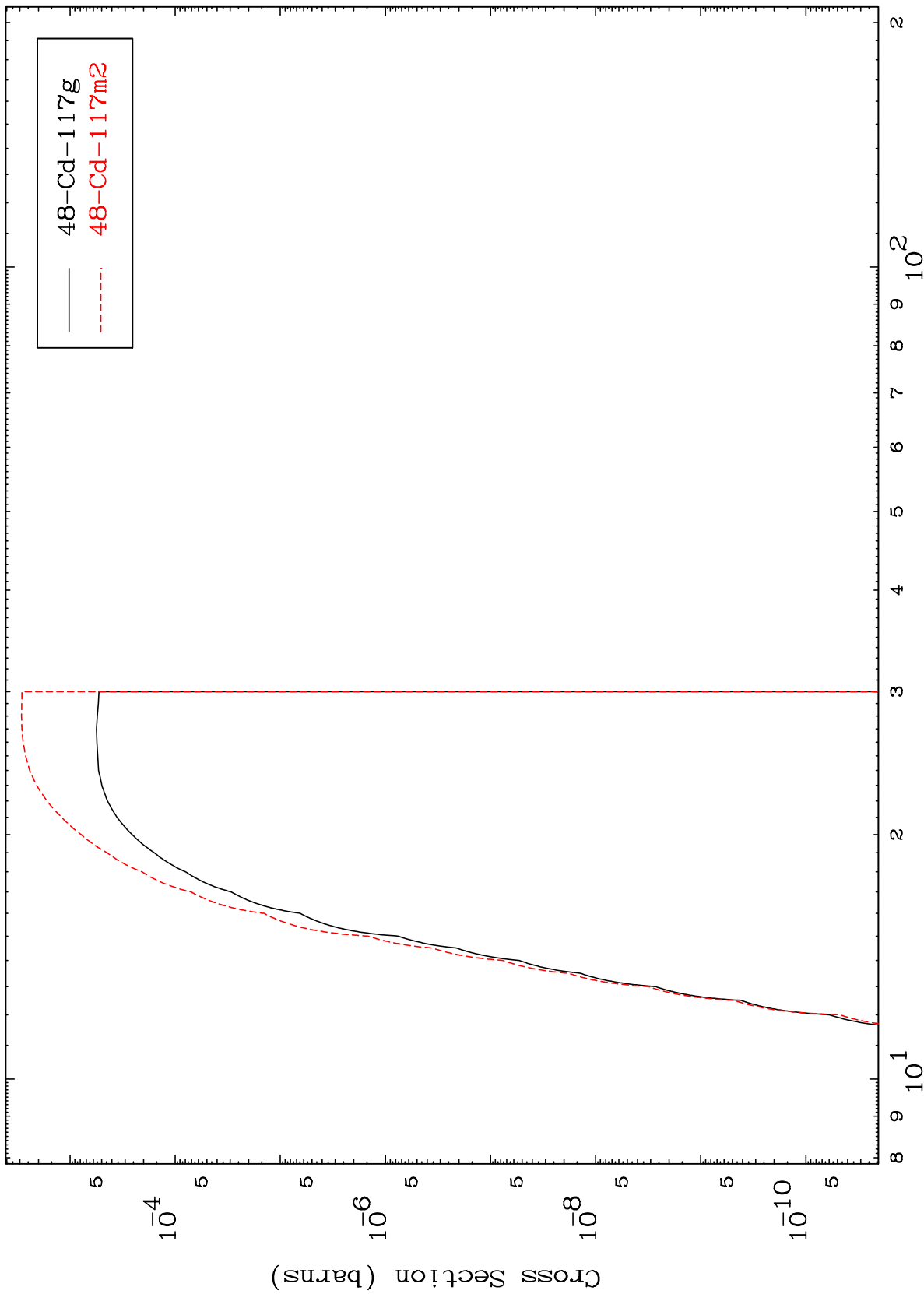
146

49-In-119

MAT 4943

49-In-119

(n,t)
Radionuclide Production Cross Section



147

Incident Energy (MeV)

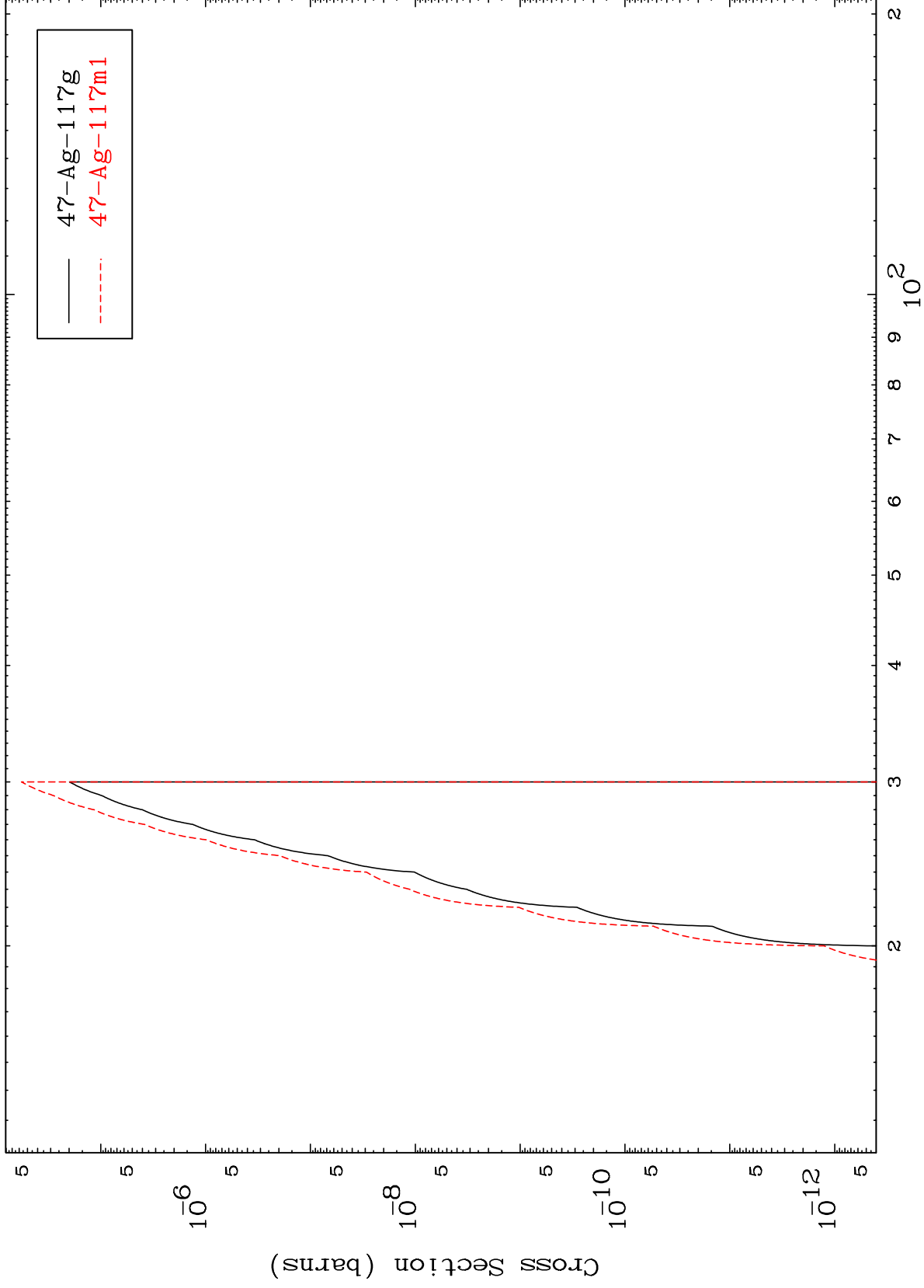
49-In-119

MAT 4943

(n,He-3)

49-In-119

Radionuclide Production Cross Section



148

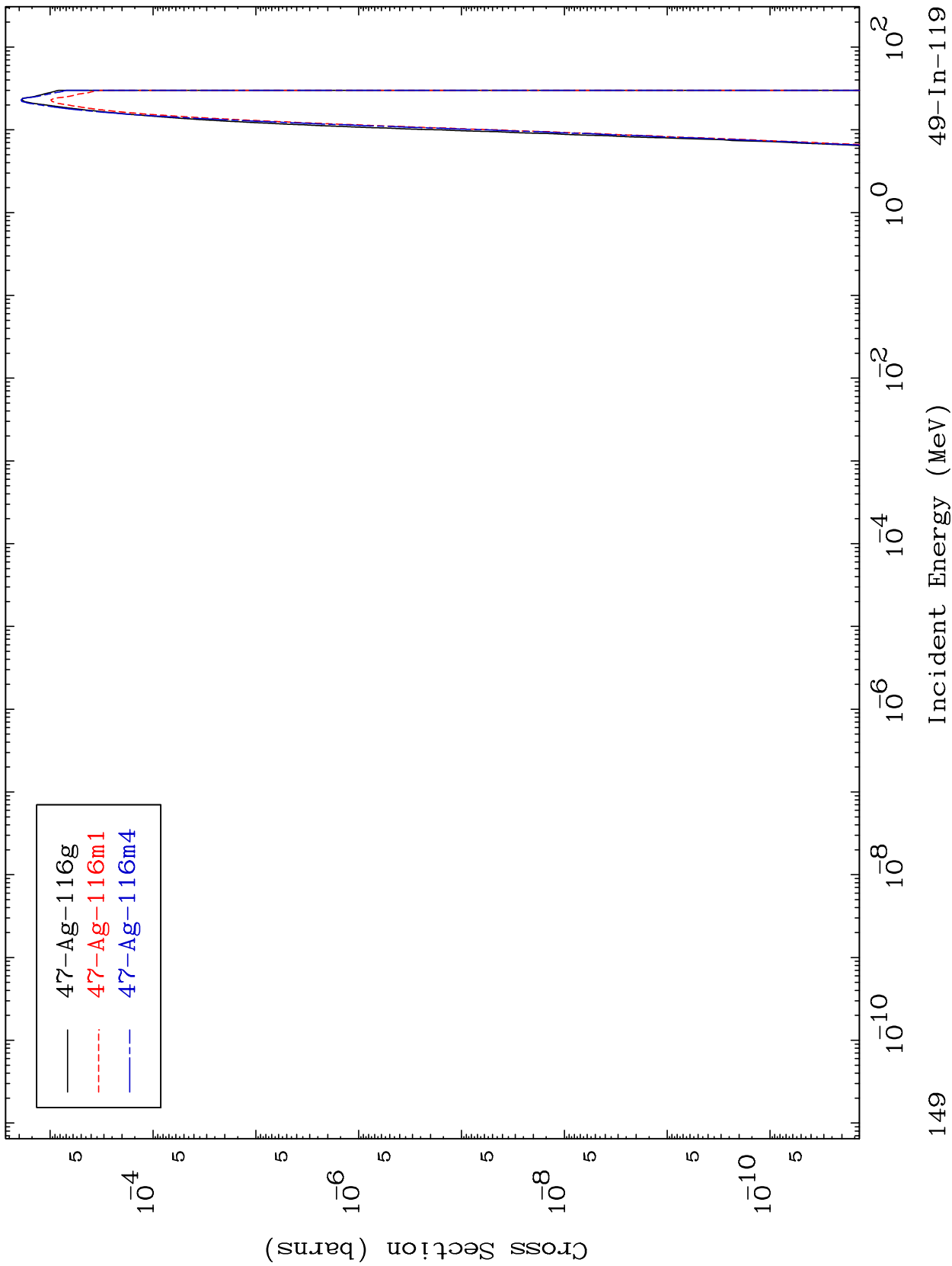
Incident Energy (MeV)

49-In-119

MAT 4943

49-In-119

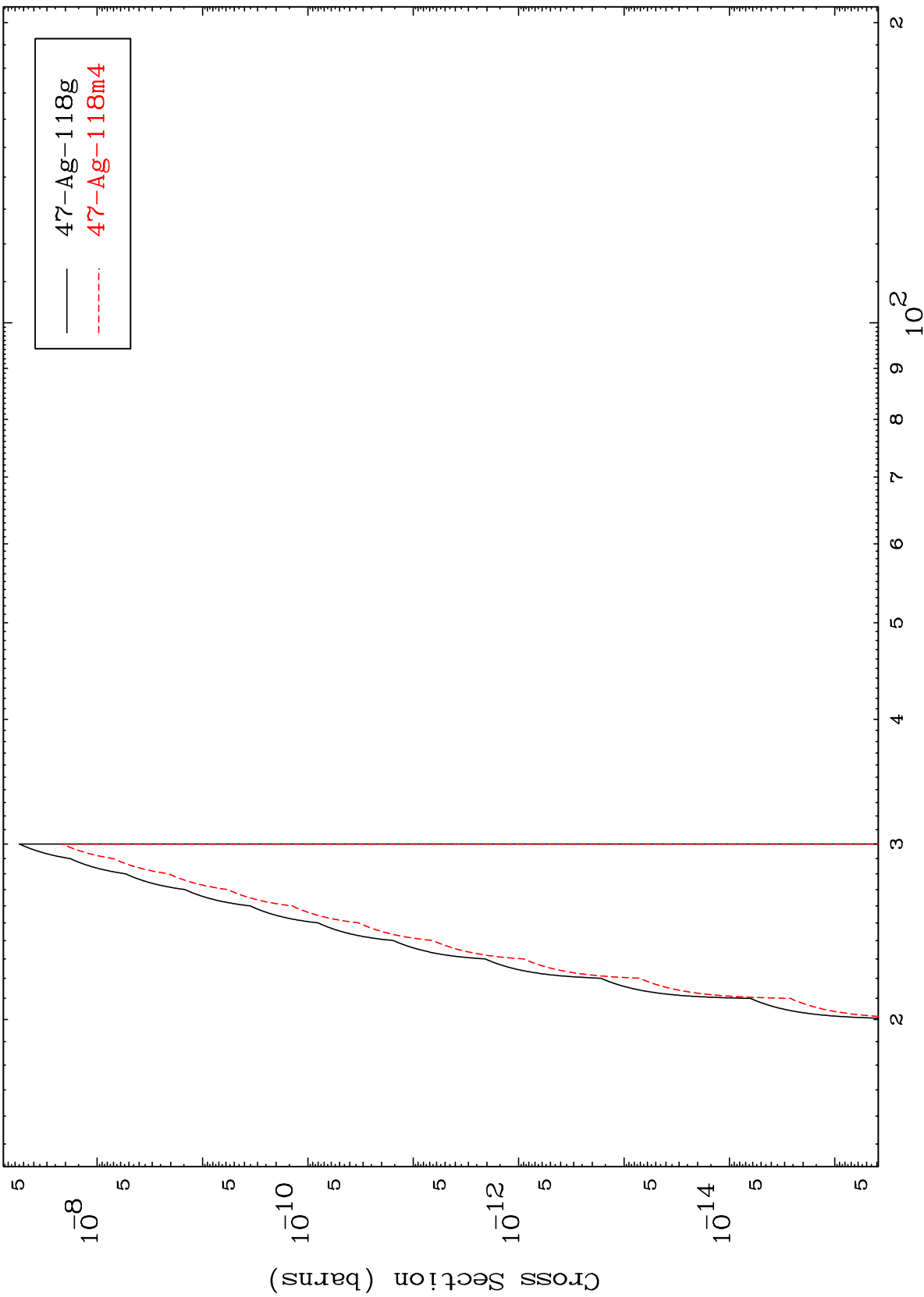
(n, α)
Radionuclide Production Cross Section



MAT 4943

49-In-119

(n,2p)
Radionuclide Production Cross Section



150

49-In-119

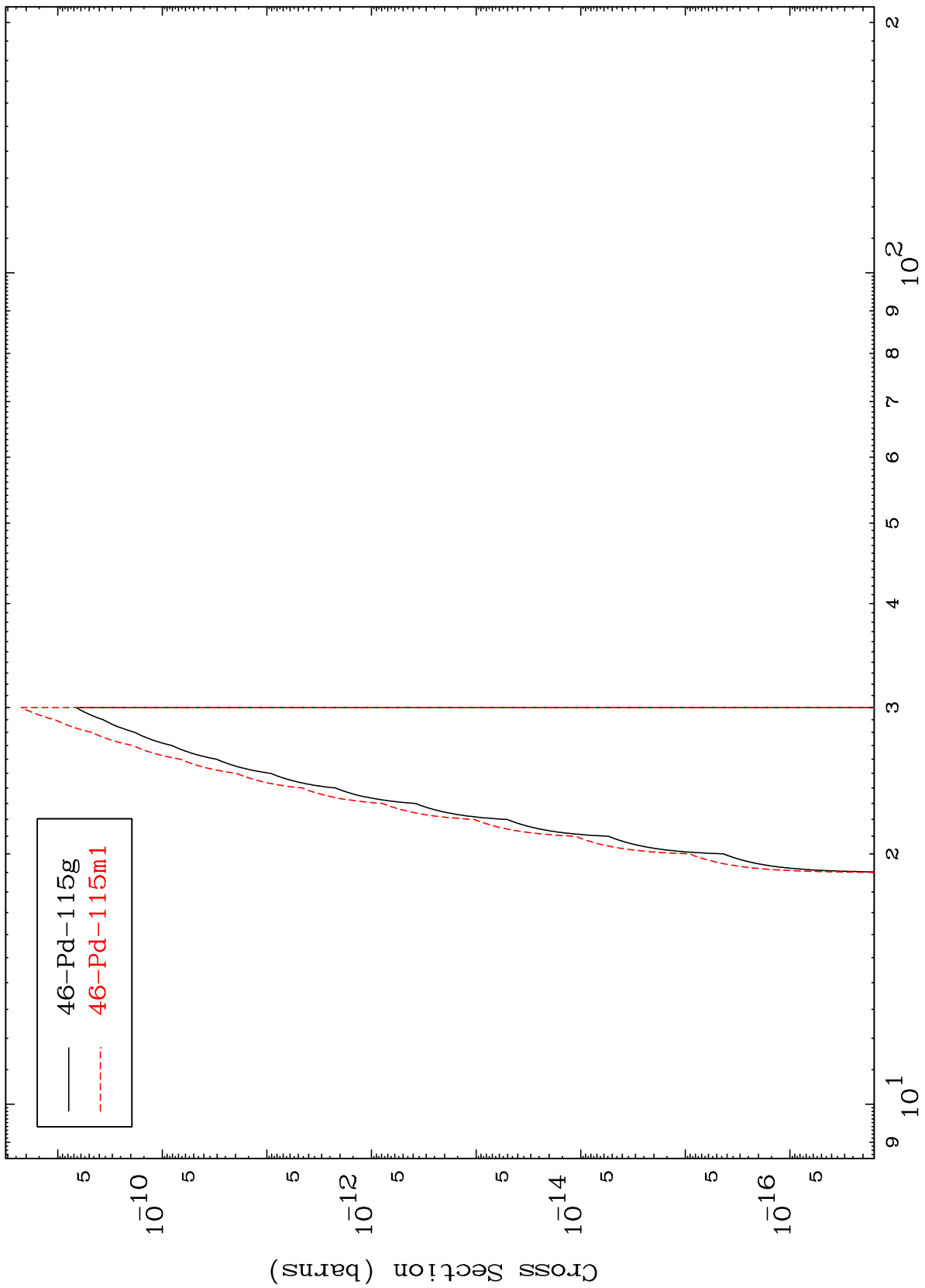
Incident Energy (MeV)

MAT 4943

(n,p) α

49-In-119

Radionuclide Production Cross Section



46-Pd-115g
46-Pd-115m1

151

Incident Energy (MeV)

49-In-119