

Program EVALPLOT
(Version 2018-1)

by

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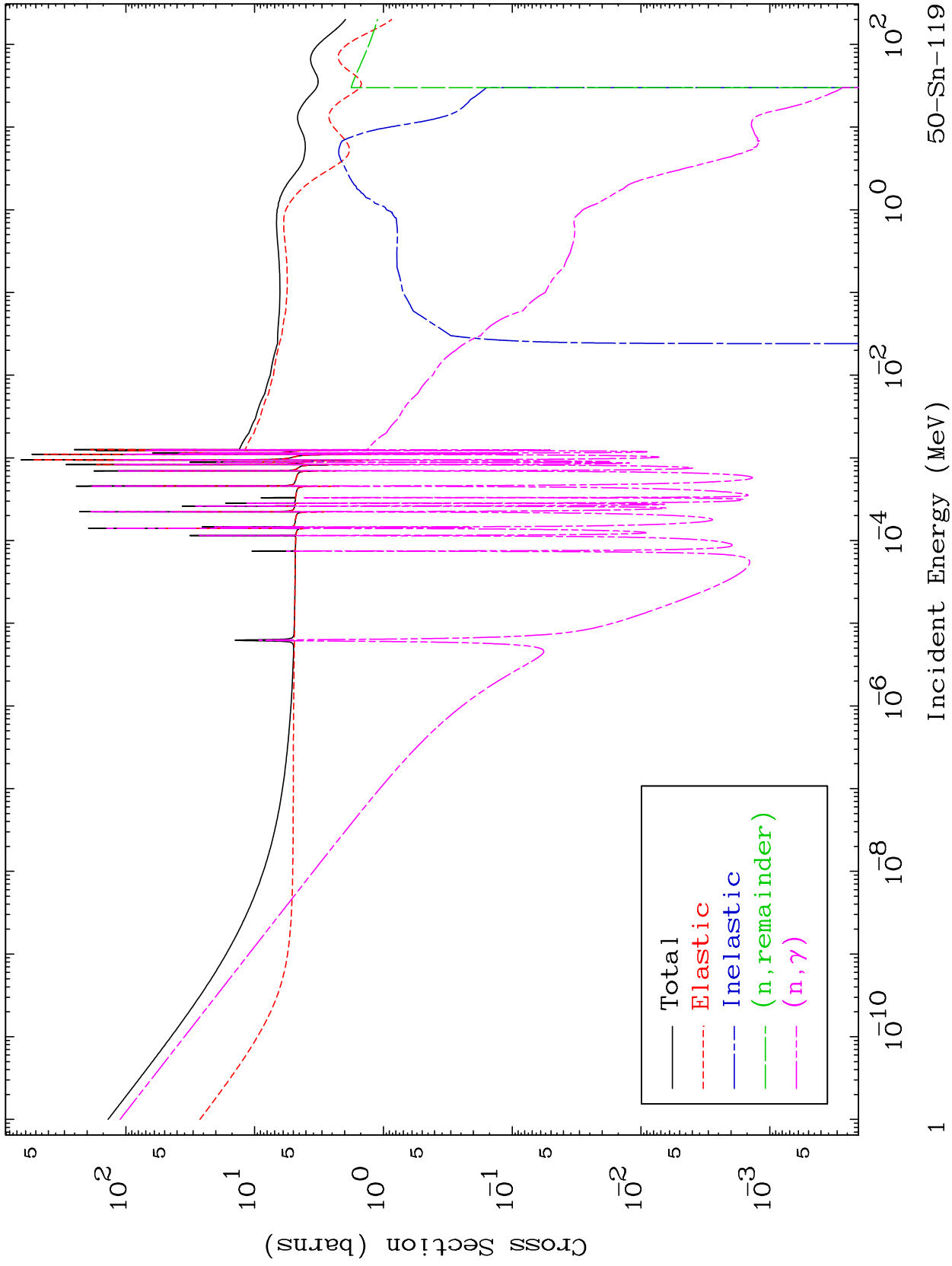
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5046

Major
293 Kelvin Cross Sections

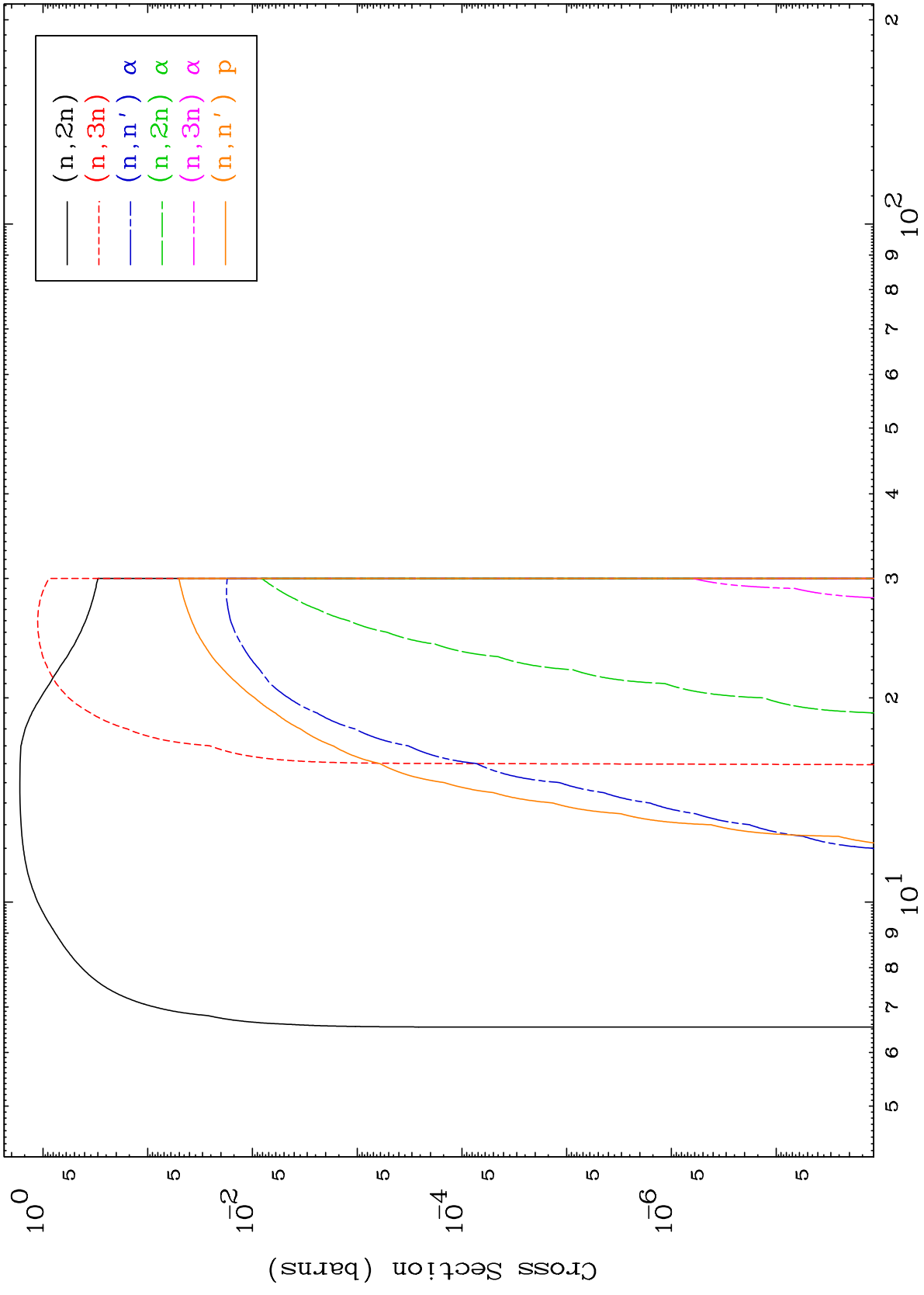
50-Sn-119



MAT 5046

Neutron Production
293 Kelvin Cross Sections

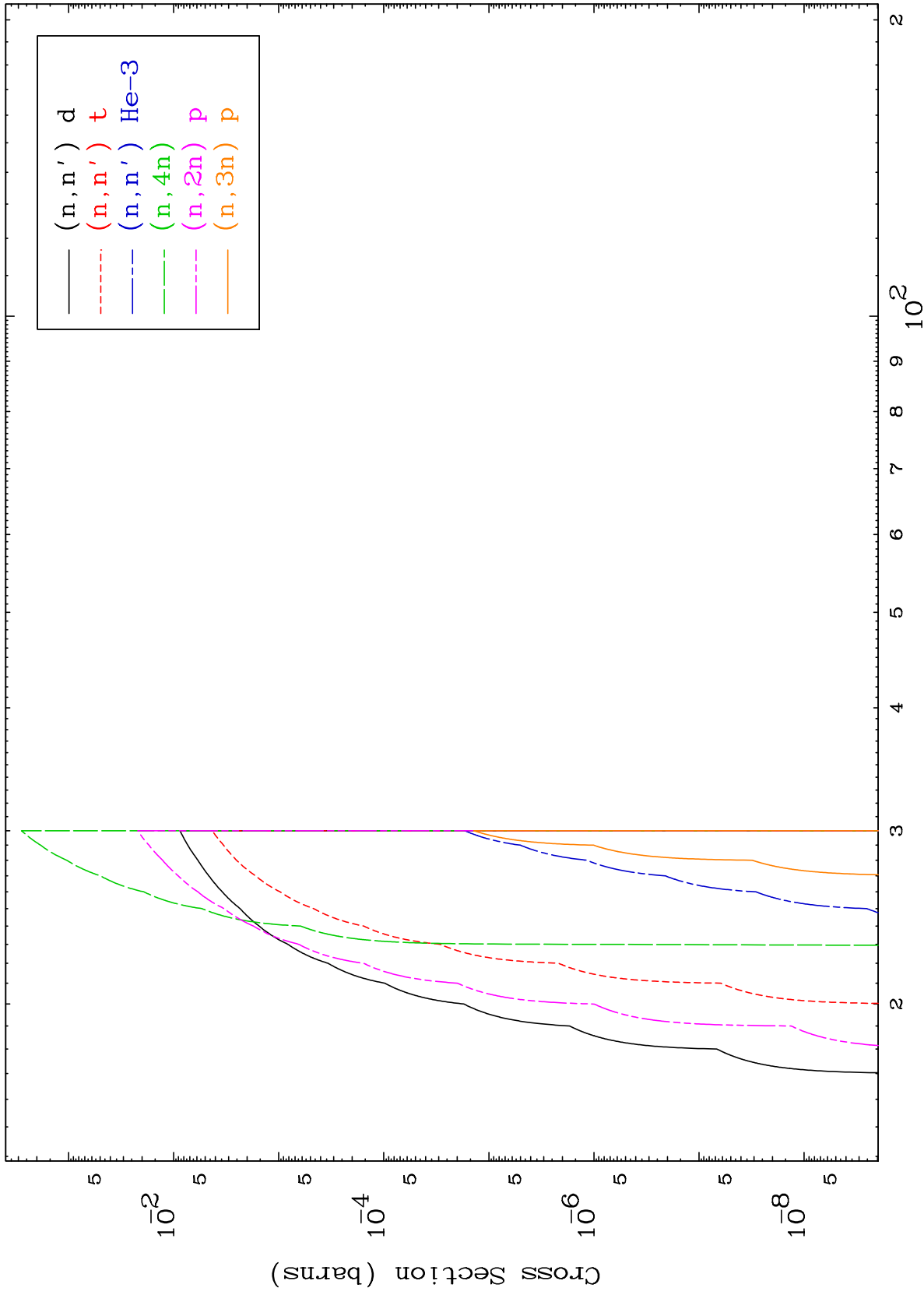
50-Sn-119

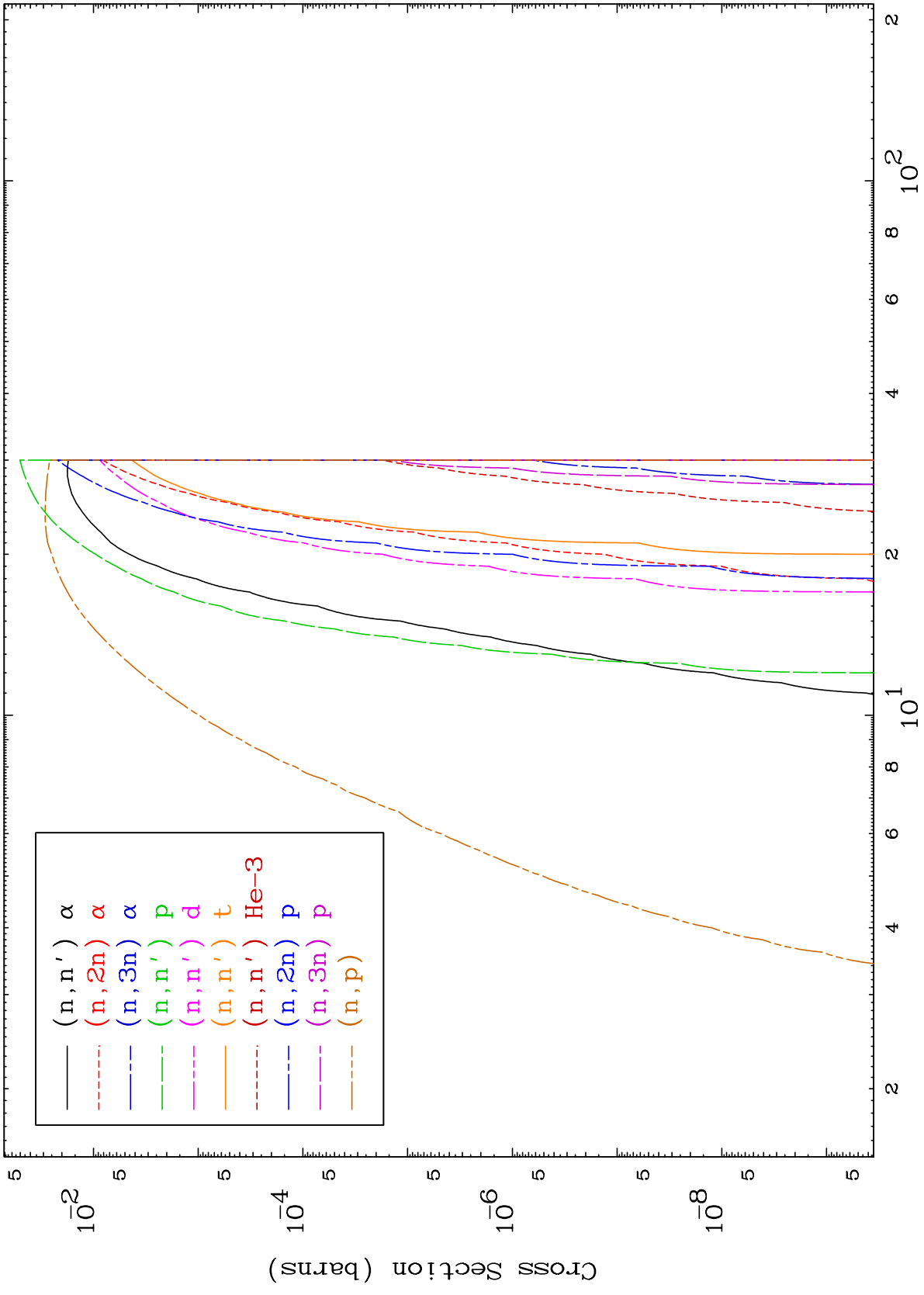


2

Incident Energy (MeV)

50-Sn-119

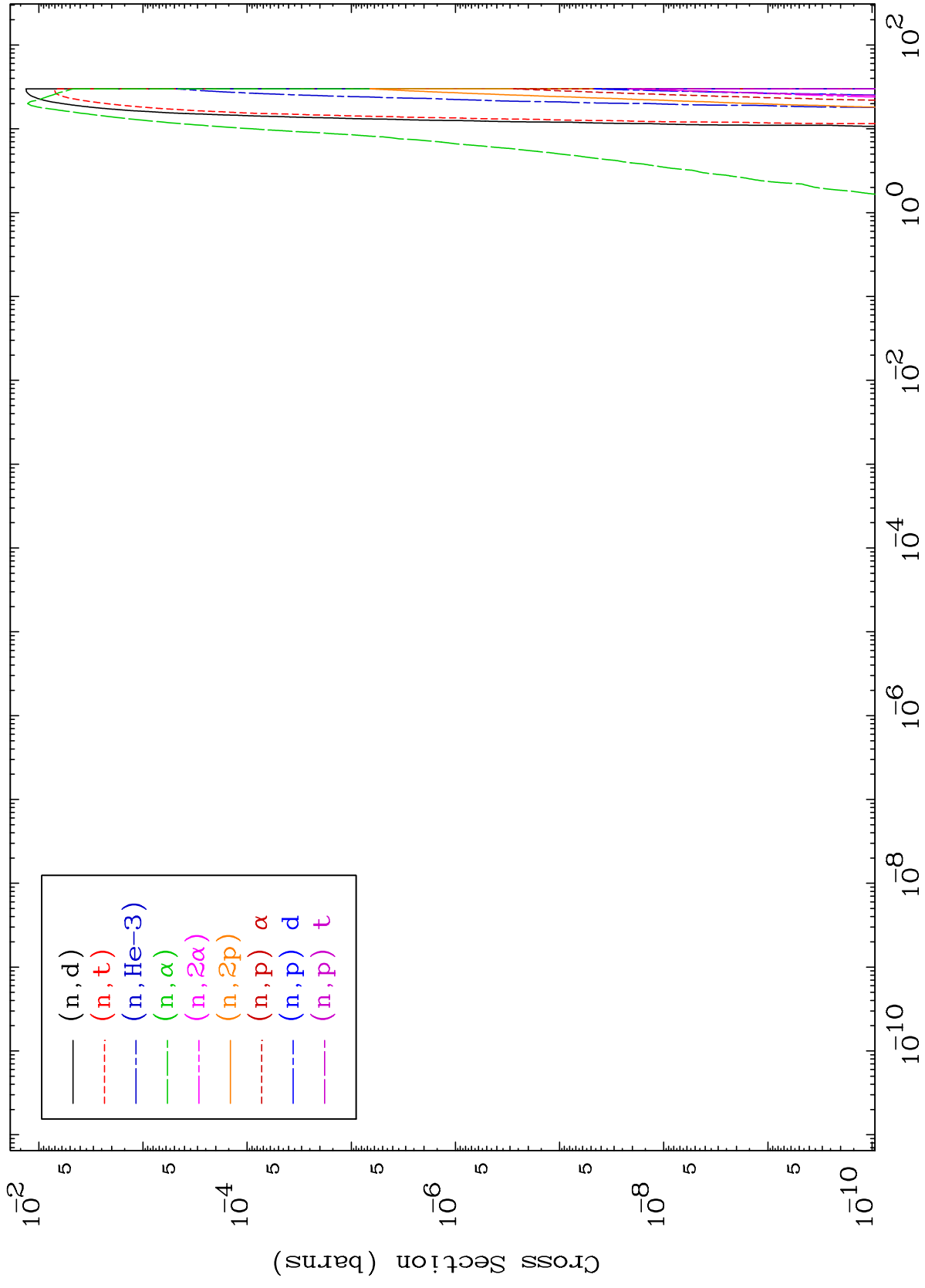




MAT 5046

293 Kelvin Cross Sections

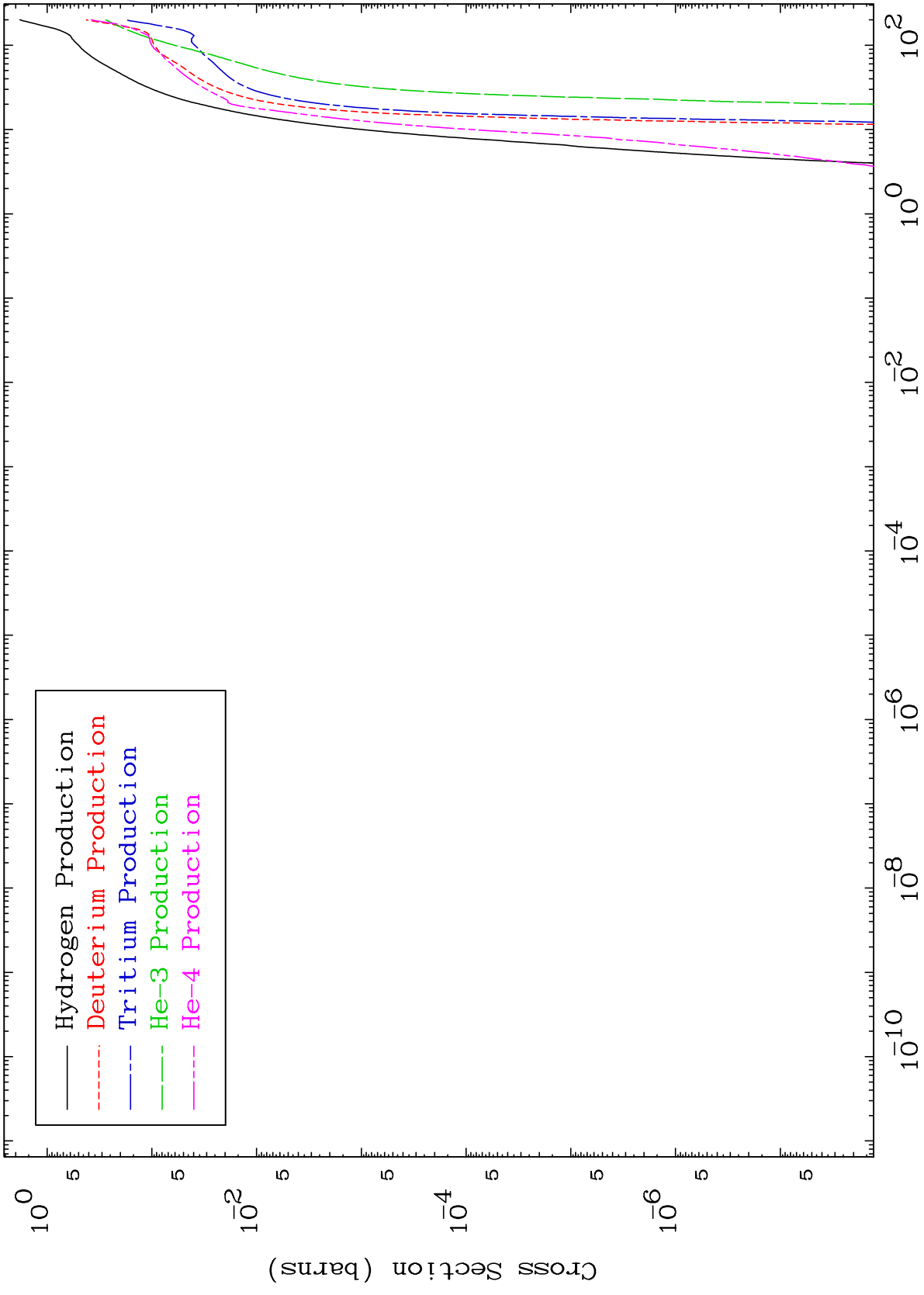
50-Sn-119



MAT 5046

Particle Production
293 Kelvin Cross Sections

50-Sn-119

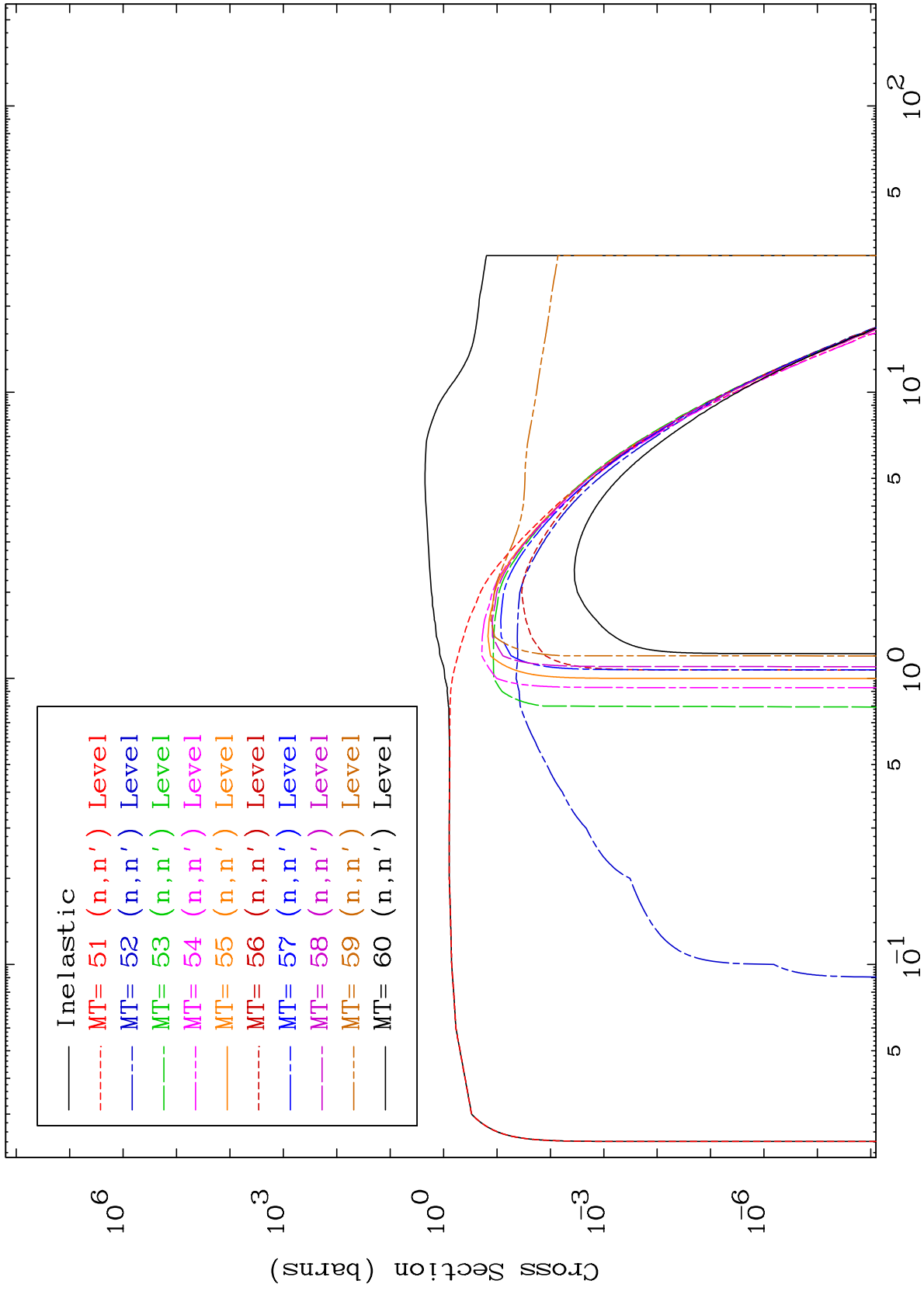


50-Sn-119

MAT 5046

(n,n') Level
293 Kelvin Cross Sections

50-Sn-119

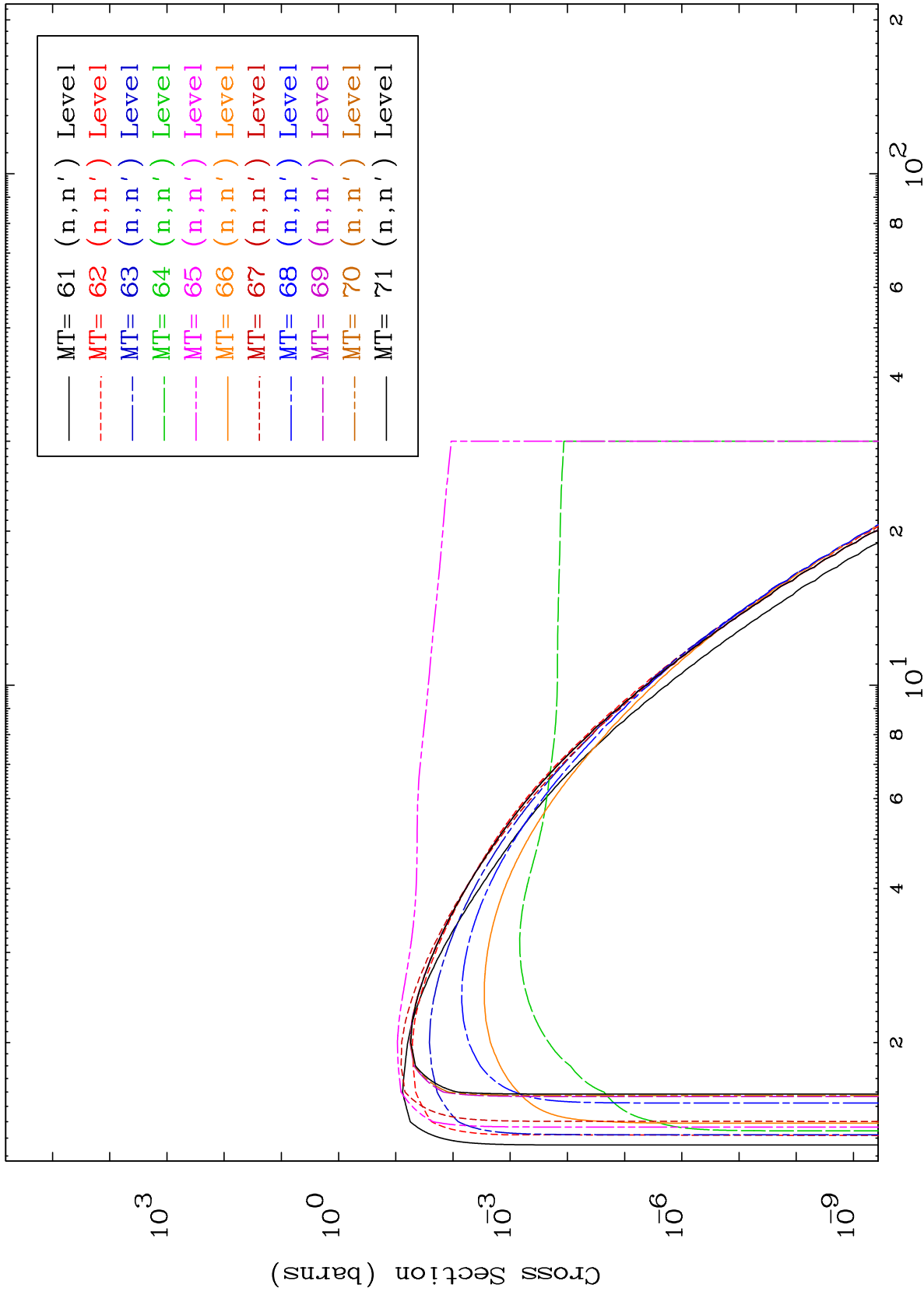


MAT 5046

(n,n') Level

293 Kelvin Cross Sections

50-Sn-119



8

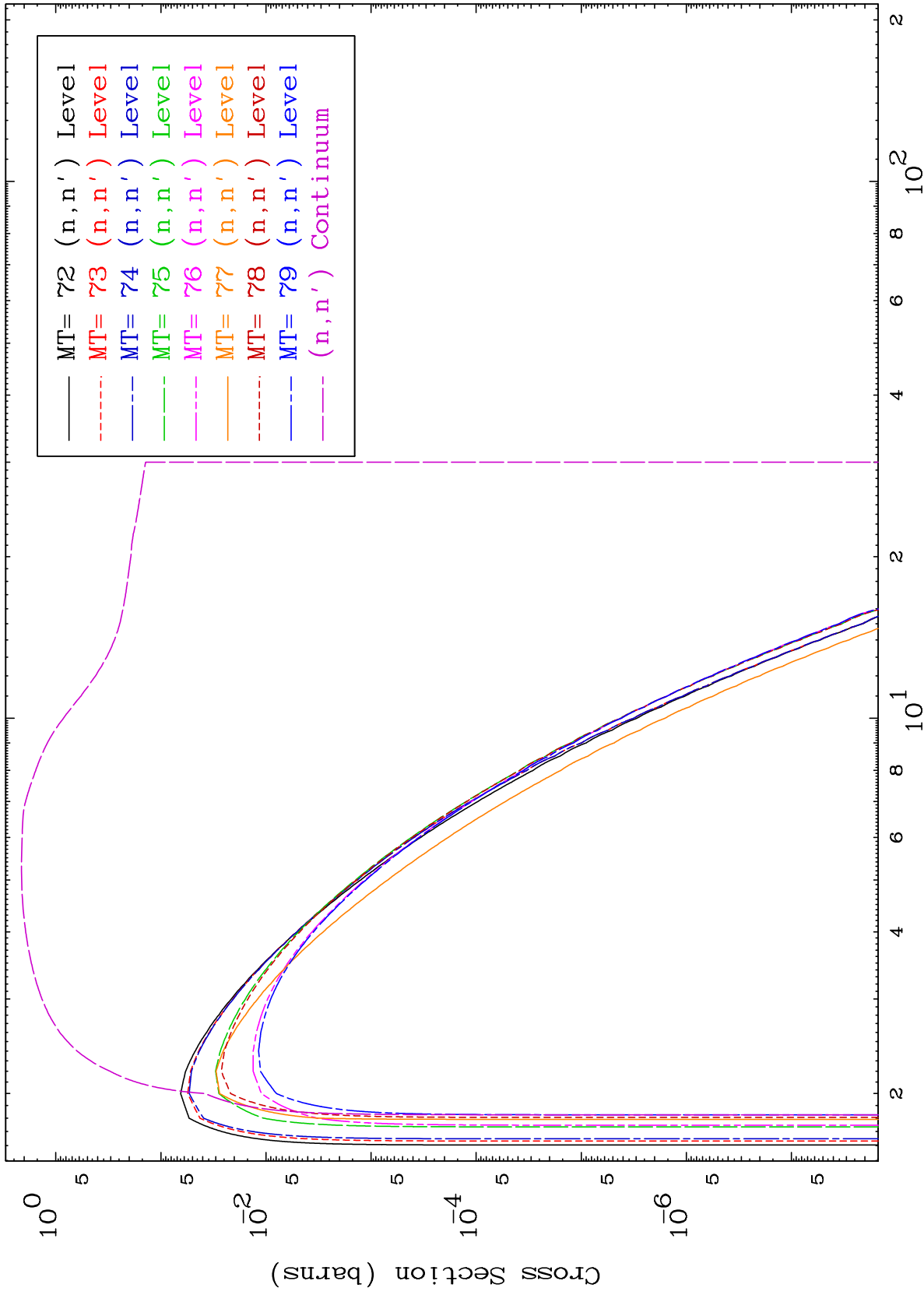
Incident Energy (MeV)

50-Sn-119

MAT 5046

(n,n') Level
293 Kelvin Cross Sections

50-Sn-119



9

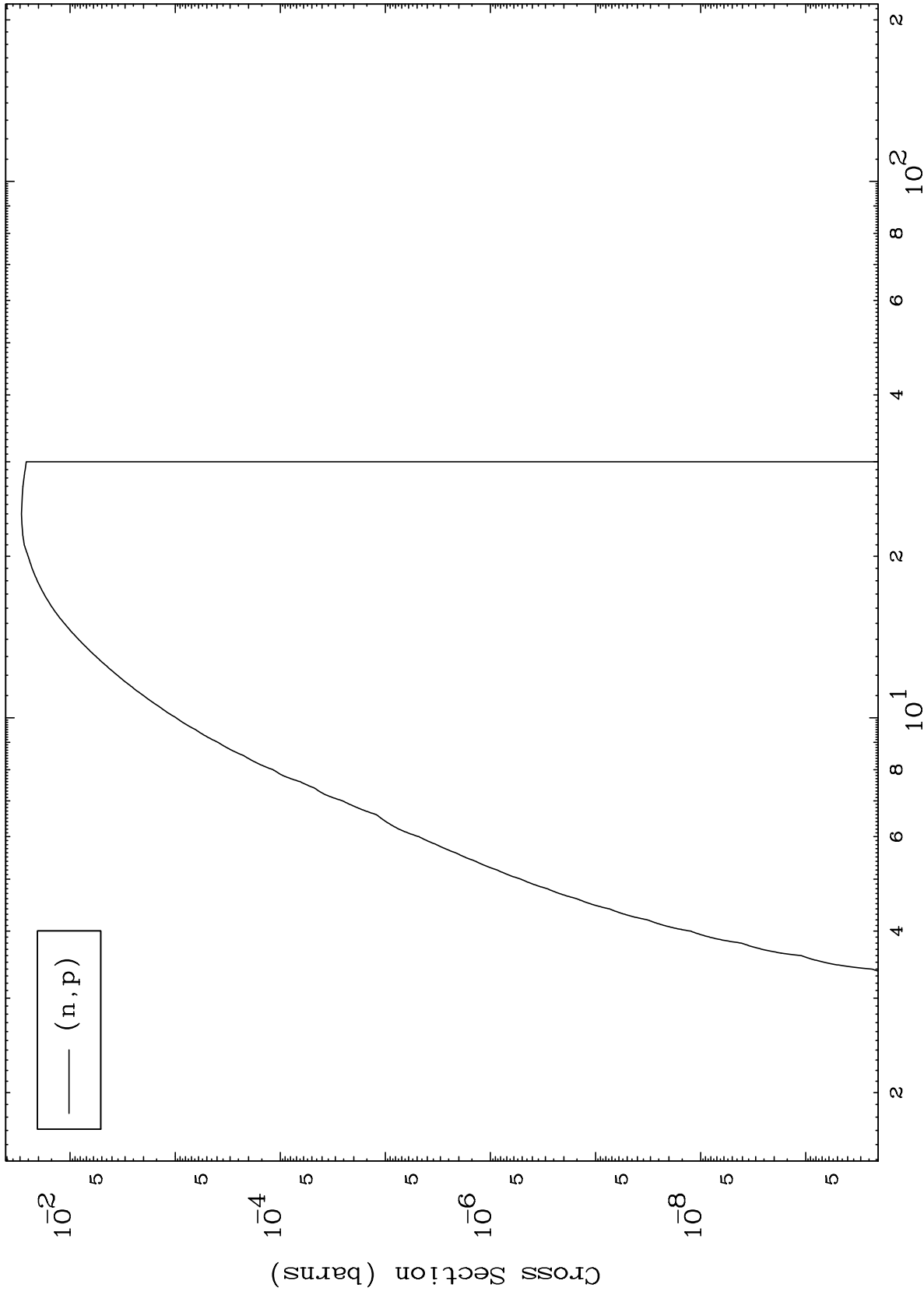
Incident Energy (MeV)

50-Sn-119

MAT 5046

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-119



10

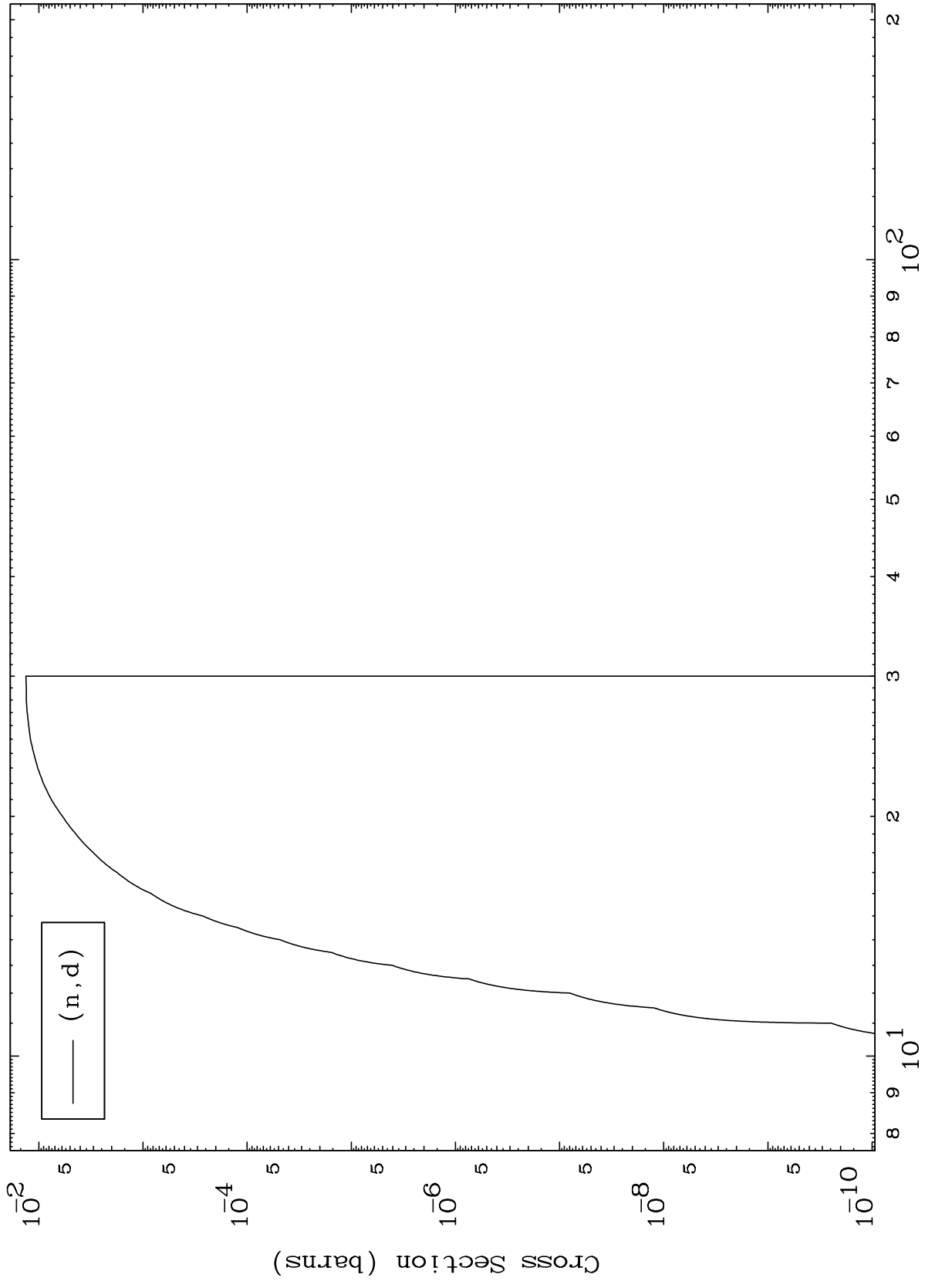
Incident Energy (MeV)

50-Sn-119

MAT 5046

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-119



11

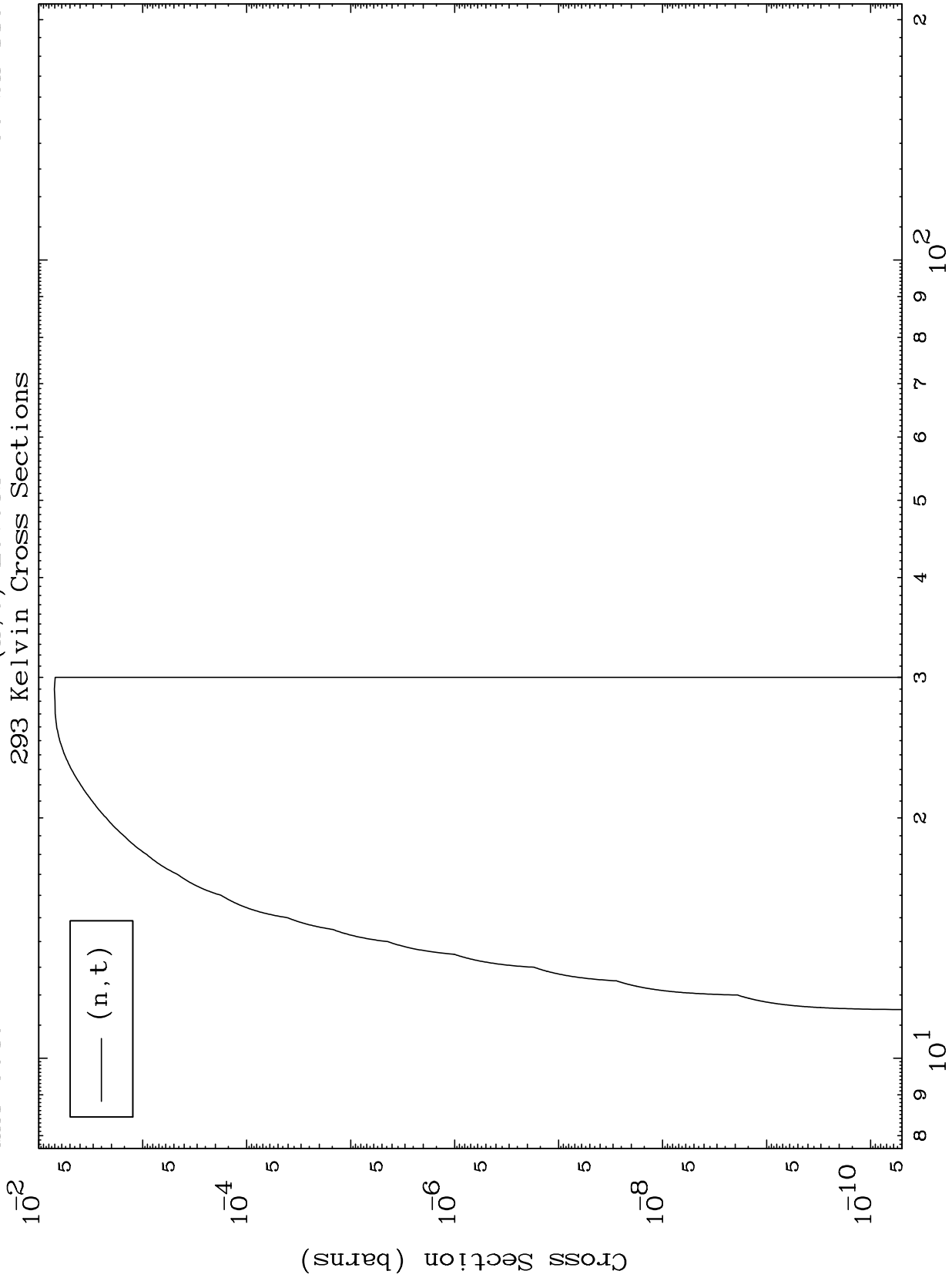
Incident Energy (MeV)

50-Sn-119

MAT 5046

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-119



12

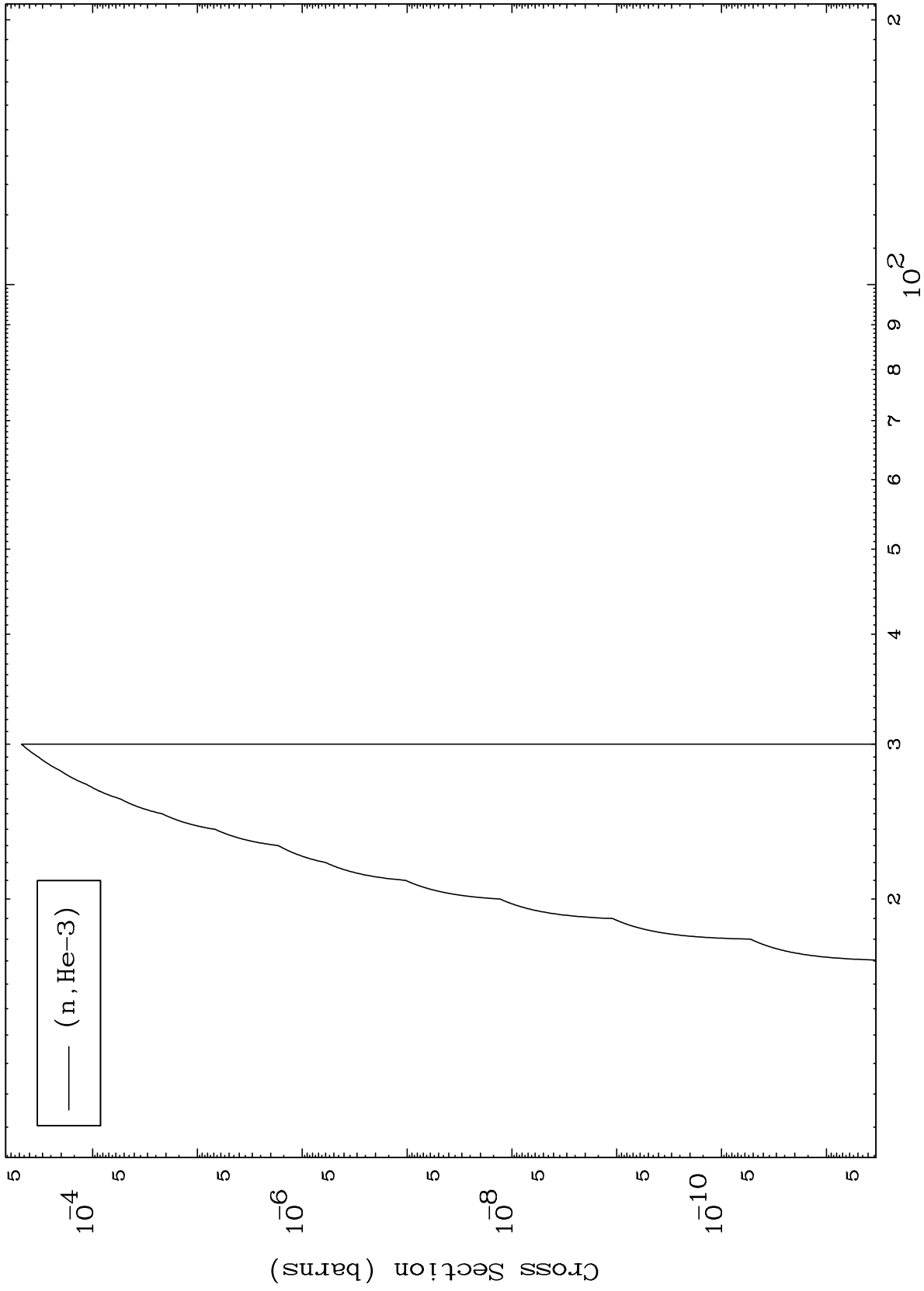
Incident Energy (MeV)

50-Sn-119

MAT 5046

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-119



13

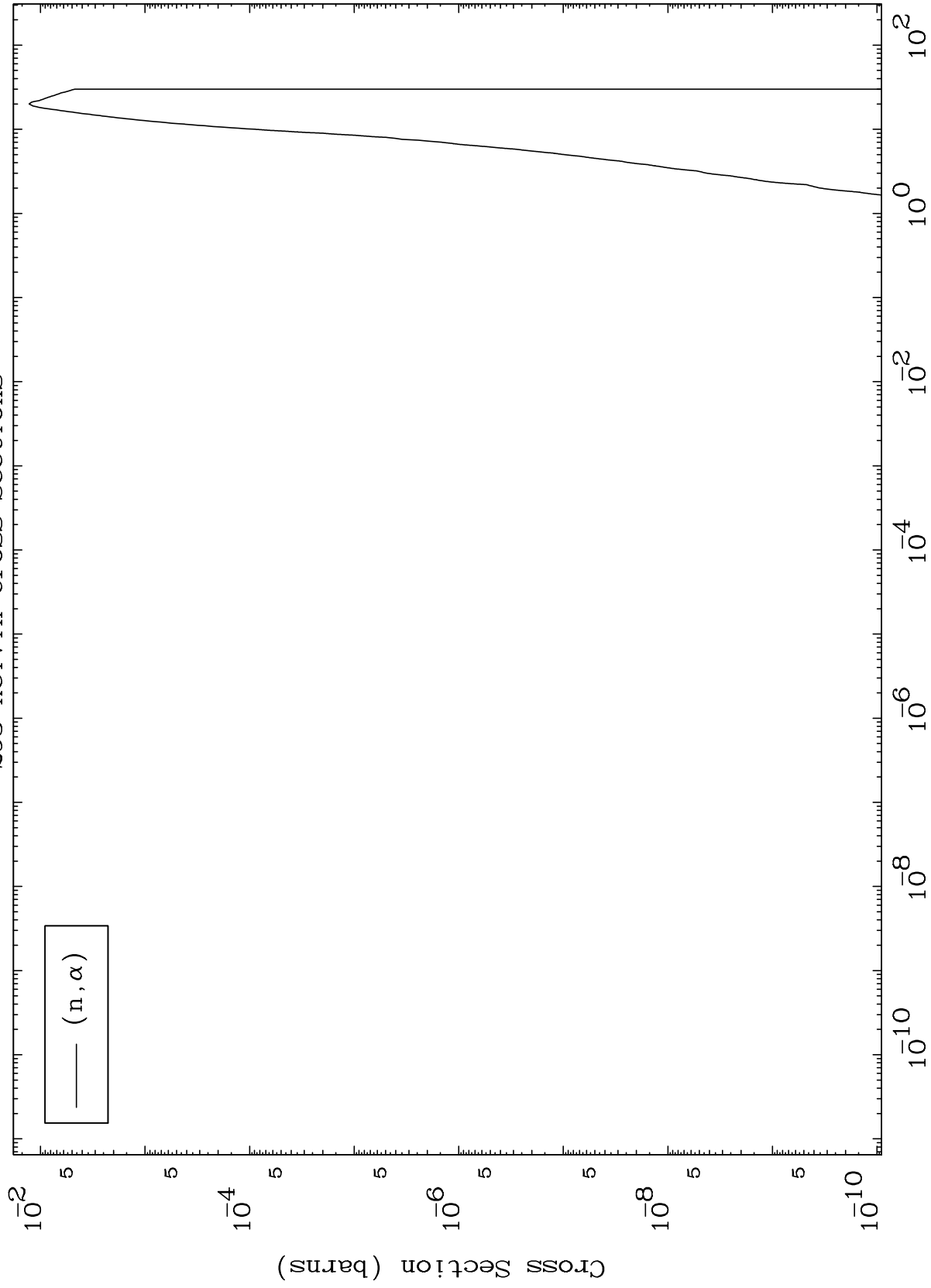
Incident Energy (MeV)

50-Sn-119

MAT 5046

(n,α) Levels
293 Kelvin Cross Sections

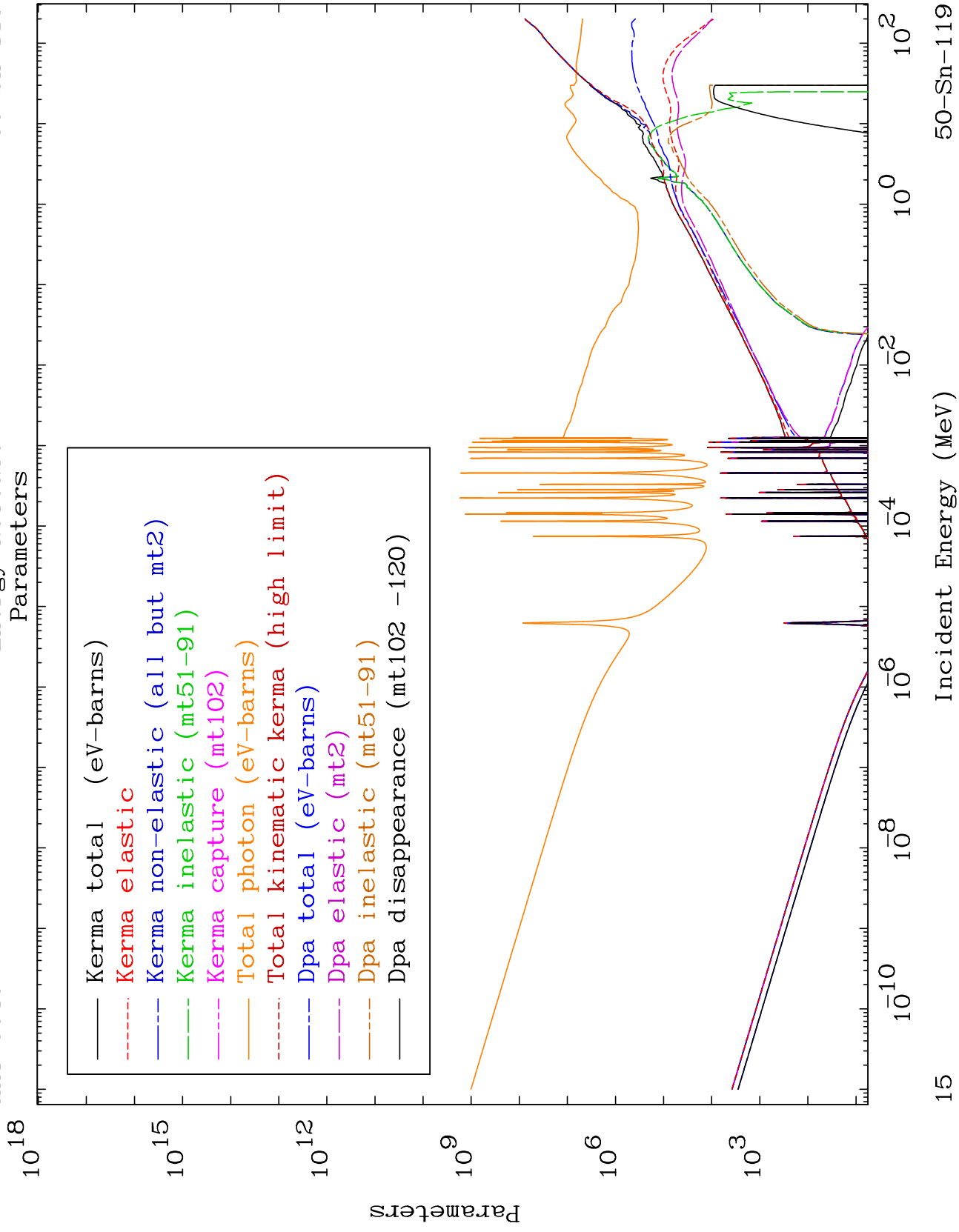
50-Sn-119



MAT 5046

Energy Release
Parameters

50-Sn-119

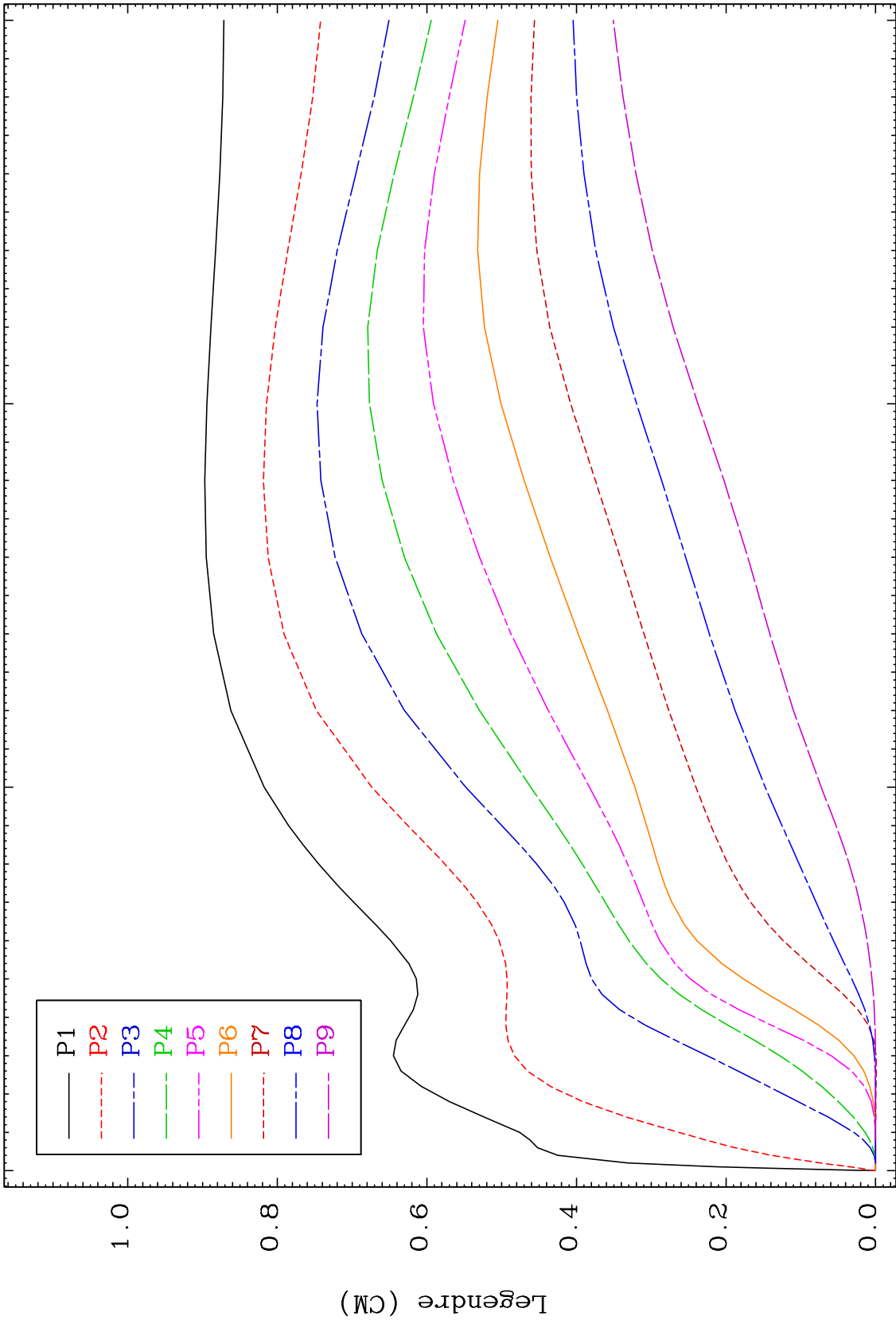


15

MAT 5046

Elastic Legendre Coefficients

50-Sn-119



16

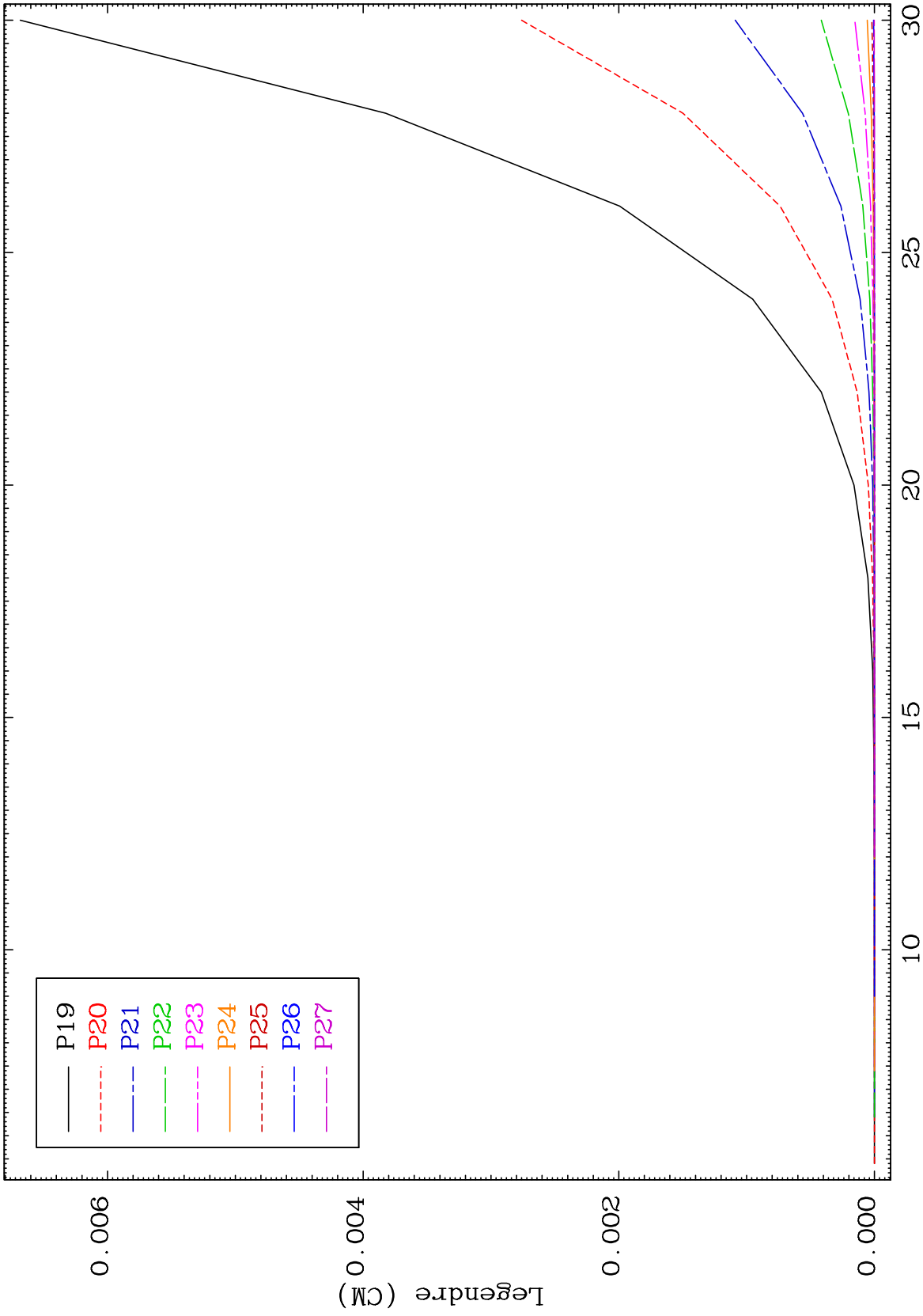
Incident Energy (MeV)

50-Sn-119

MAT 5046

Elastic Legendre Coefficients

50-Sn-119



18

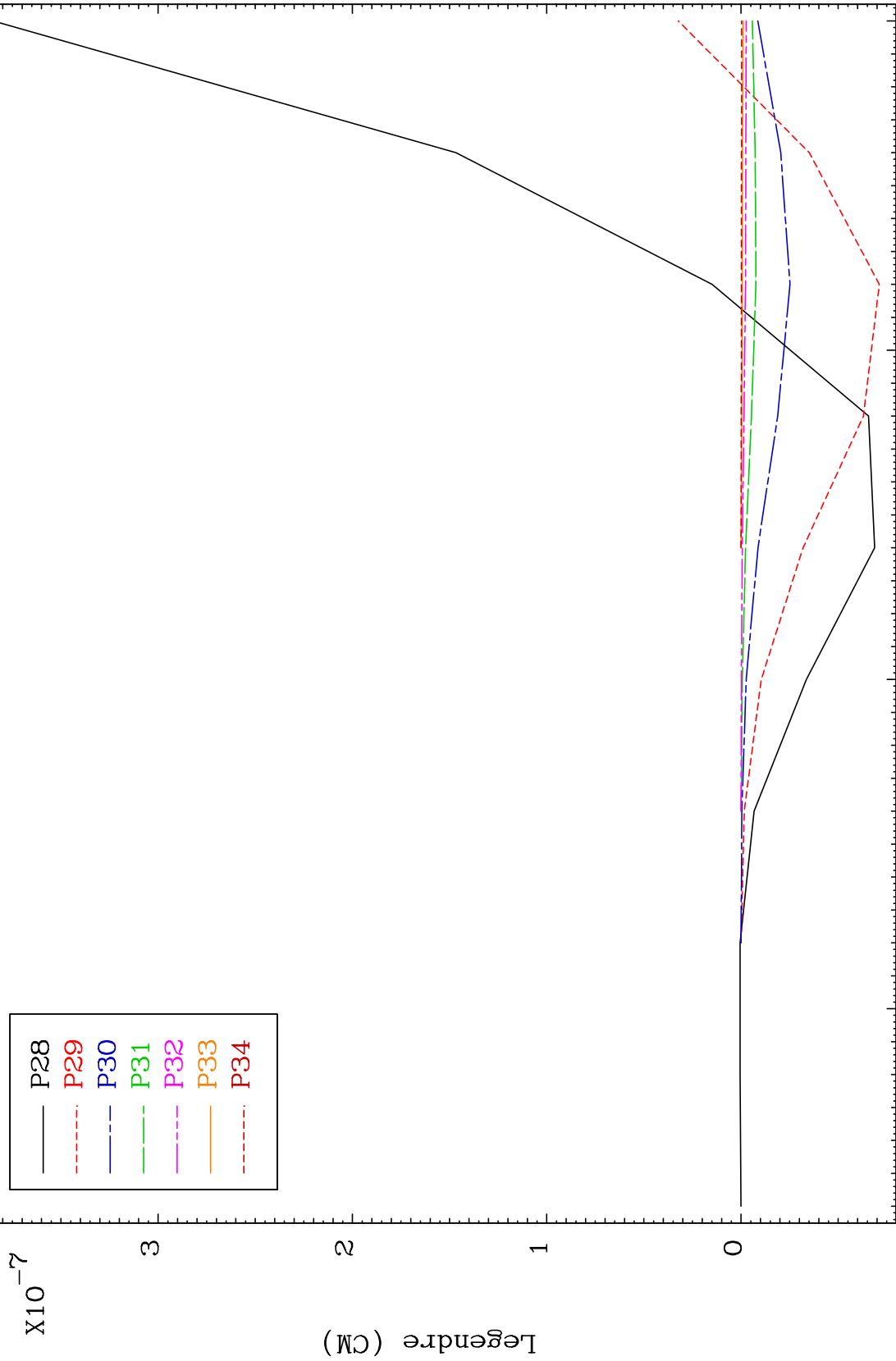
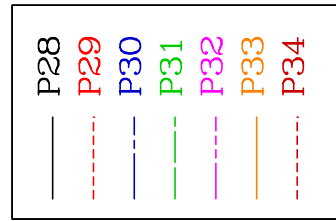
Incident Energy (MeV)

50-Sn-119

MAT 5046

Elastic Legendre Coefficients

50-Sn-119

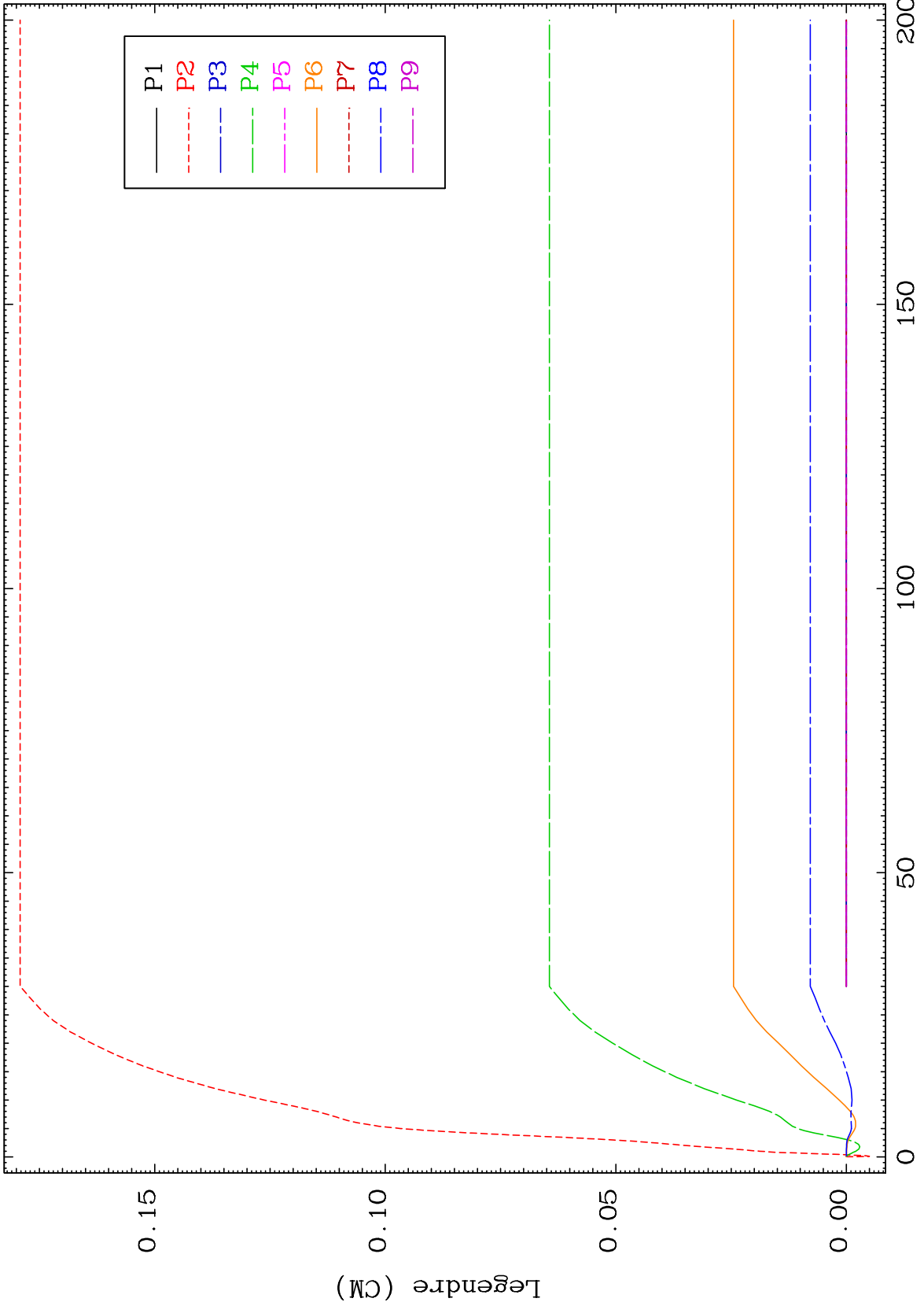


19

Incident Energy (MeV)

50-Sn-119

MAT 5046 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-119

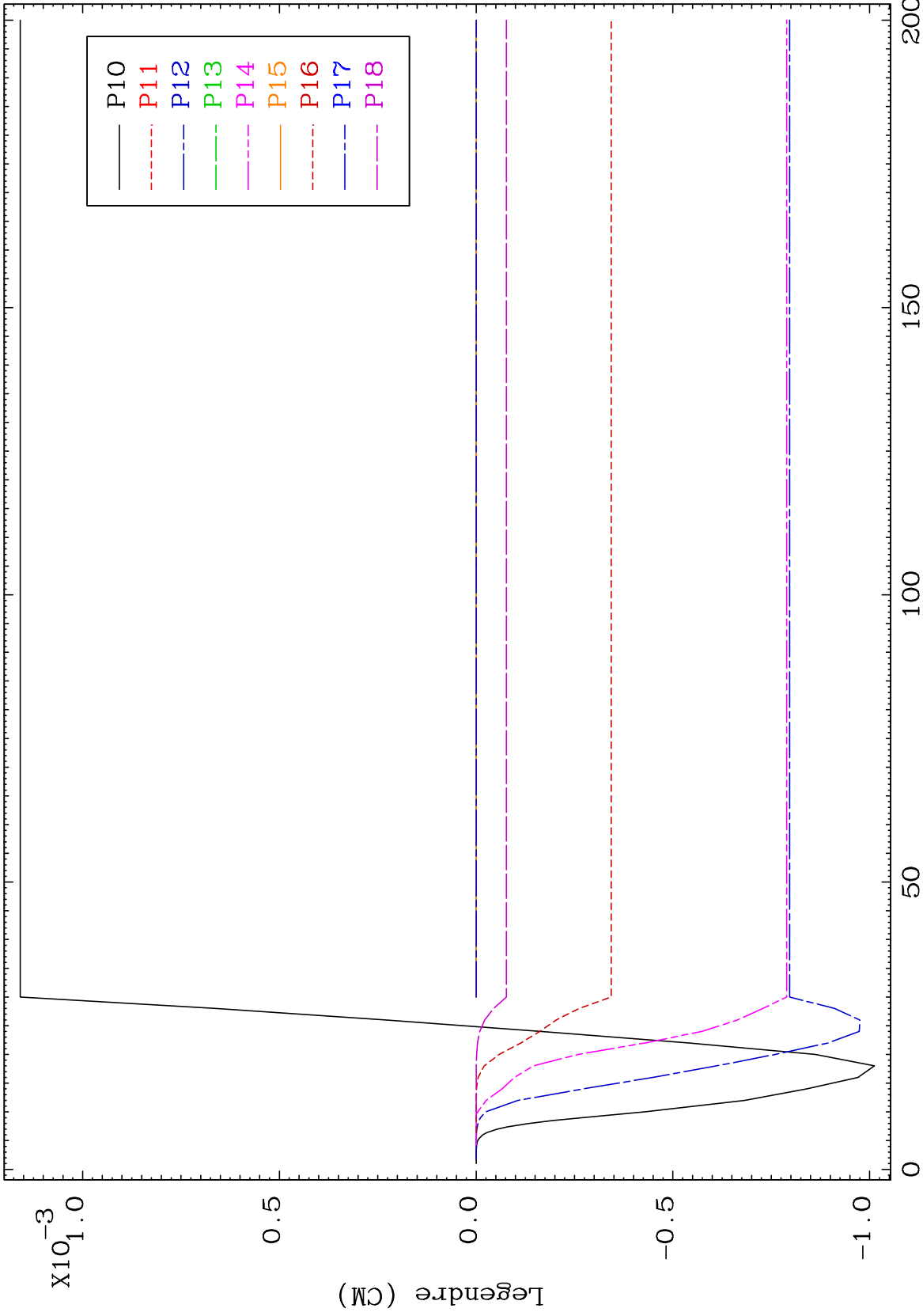


Legendre (CM) Incident Energy (MeV) 50-Sn-119

MAT 5046

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

50-Sn-119



21

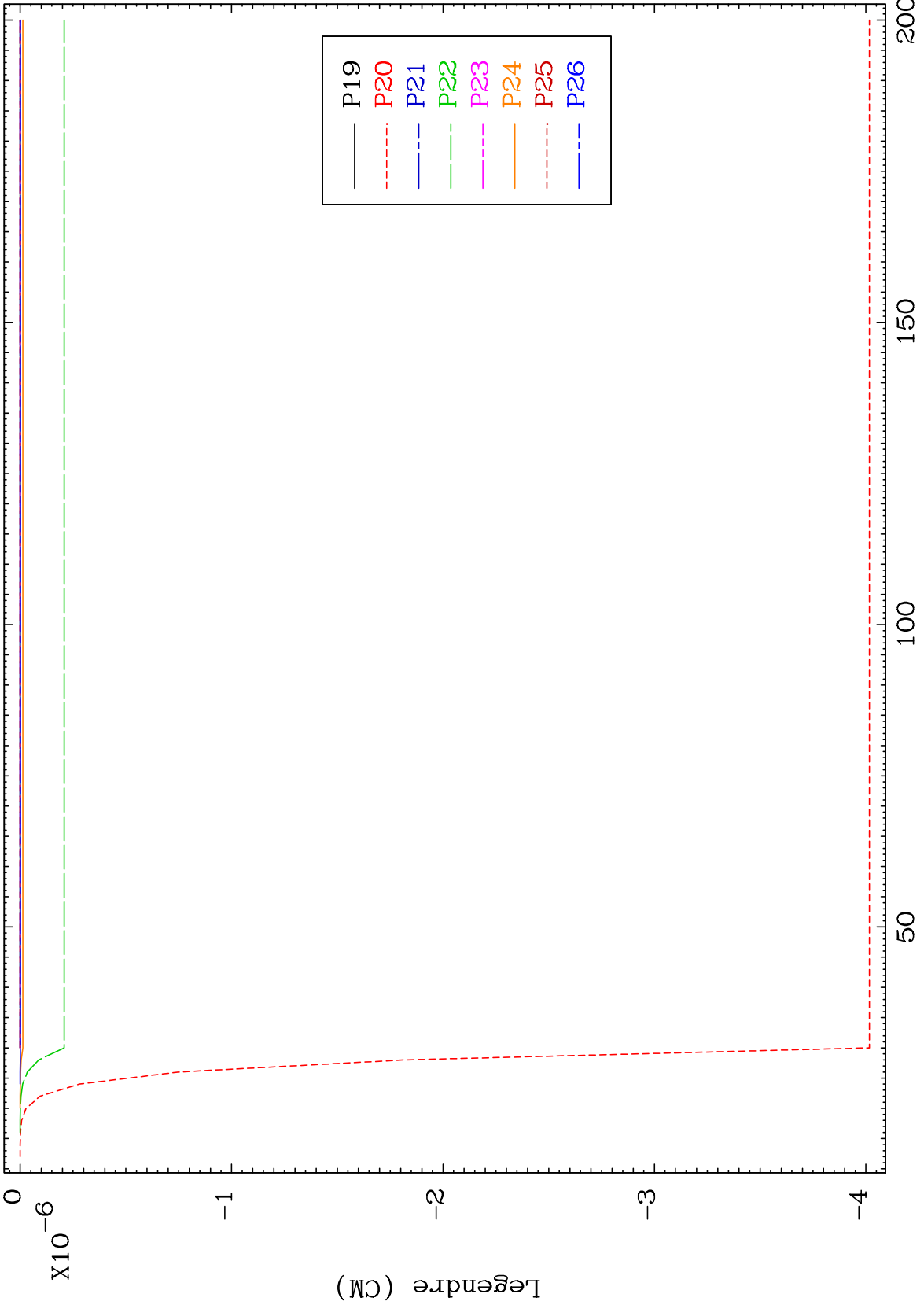
Incident Energy (MeV)

50-Sn-119

MAT 5046 MT= 51 (n,n') Level

50-Sn-119

Legendre Coefficients

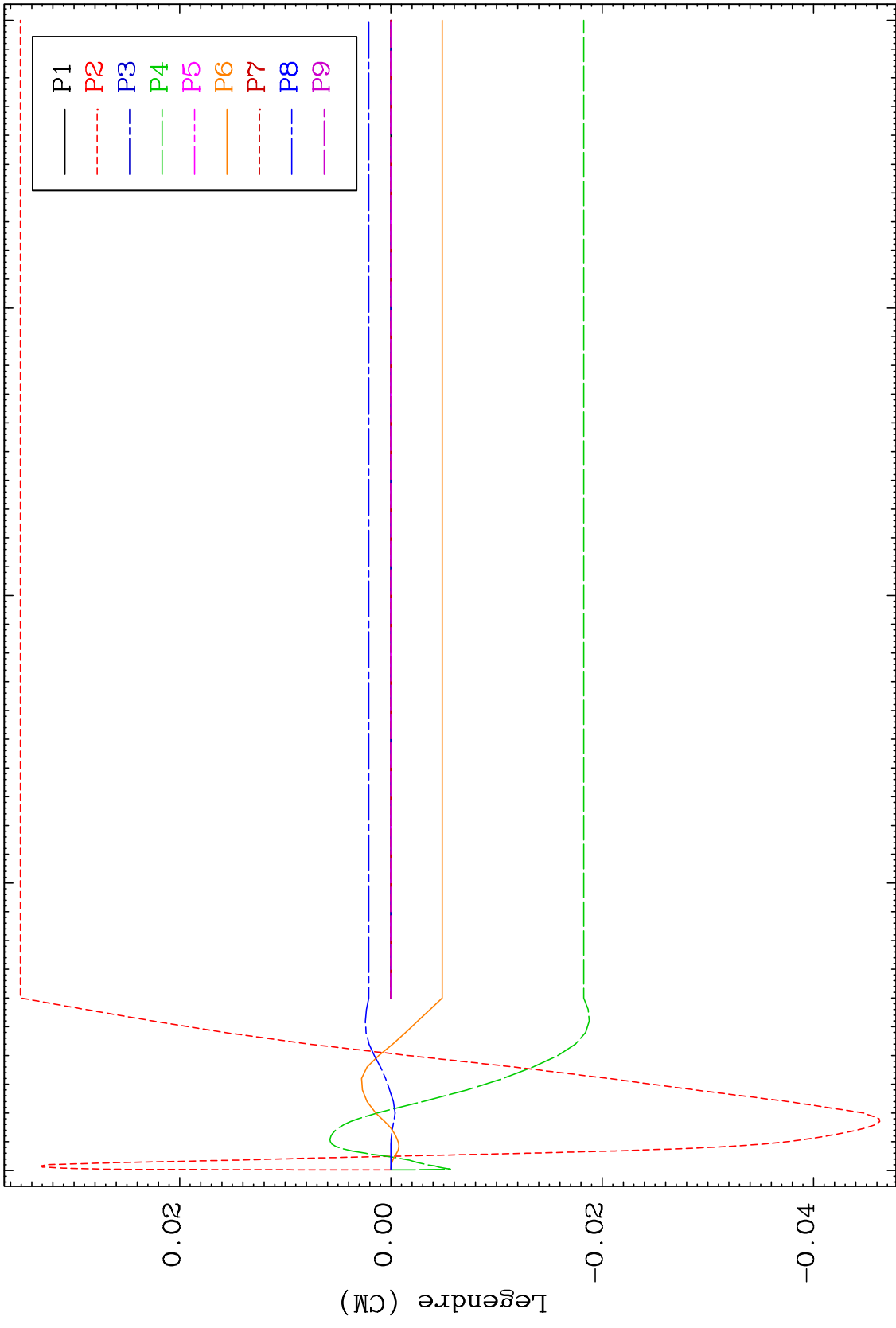


50-Sn-119

Incident Energy (MeV)

22

MAT 5046 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-119

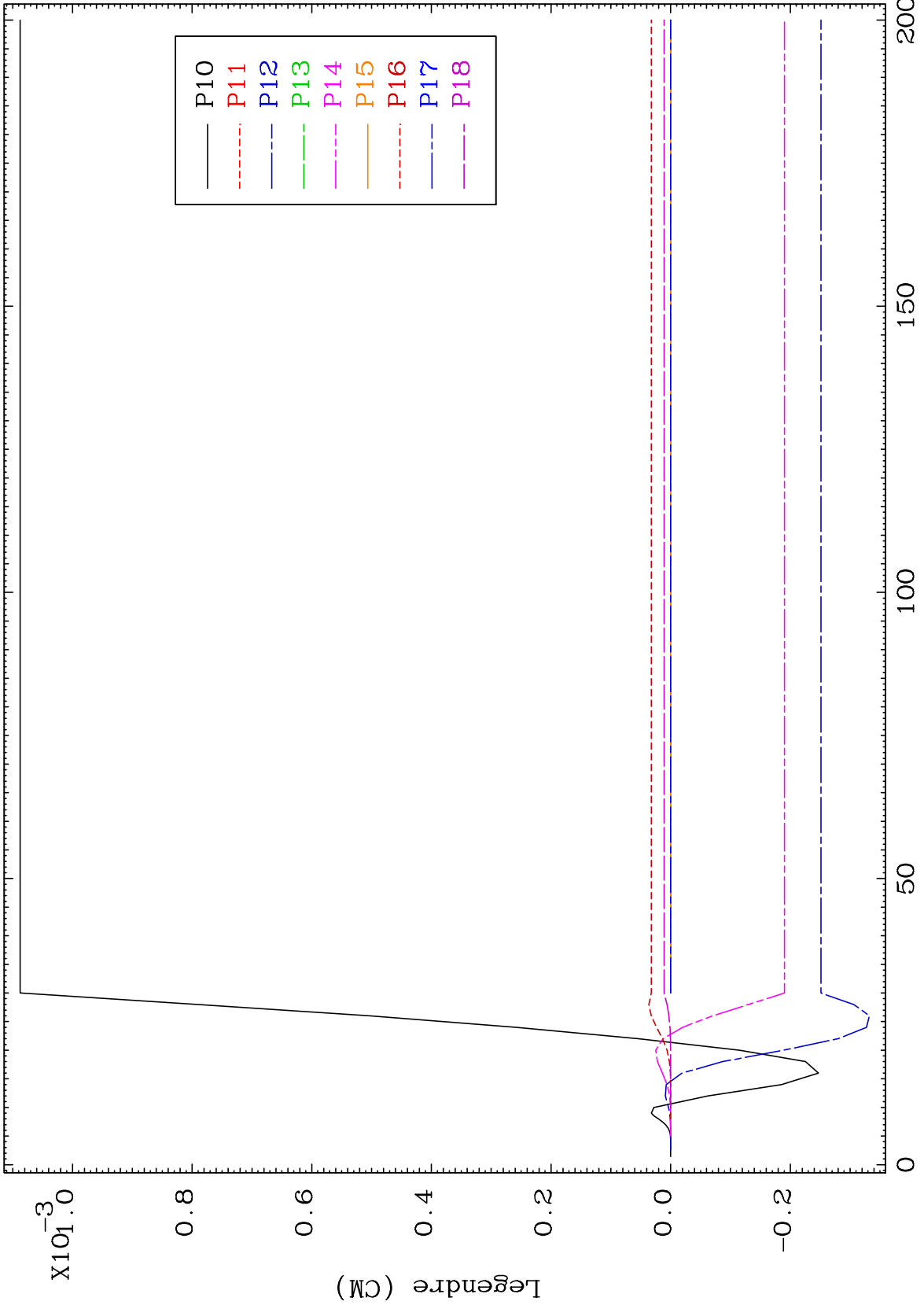


23 Incident Energy (MeV) 50-Sn-119

MAT 5046

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

50-Sn-119



24

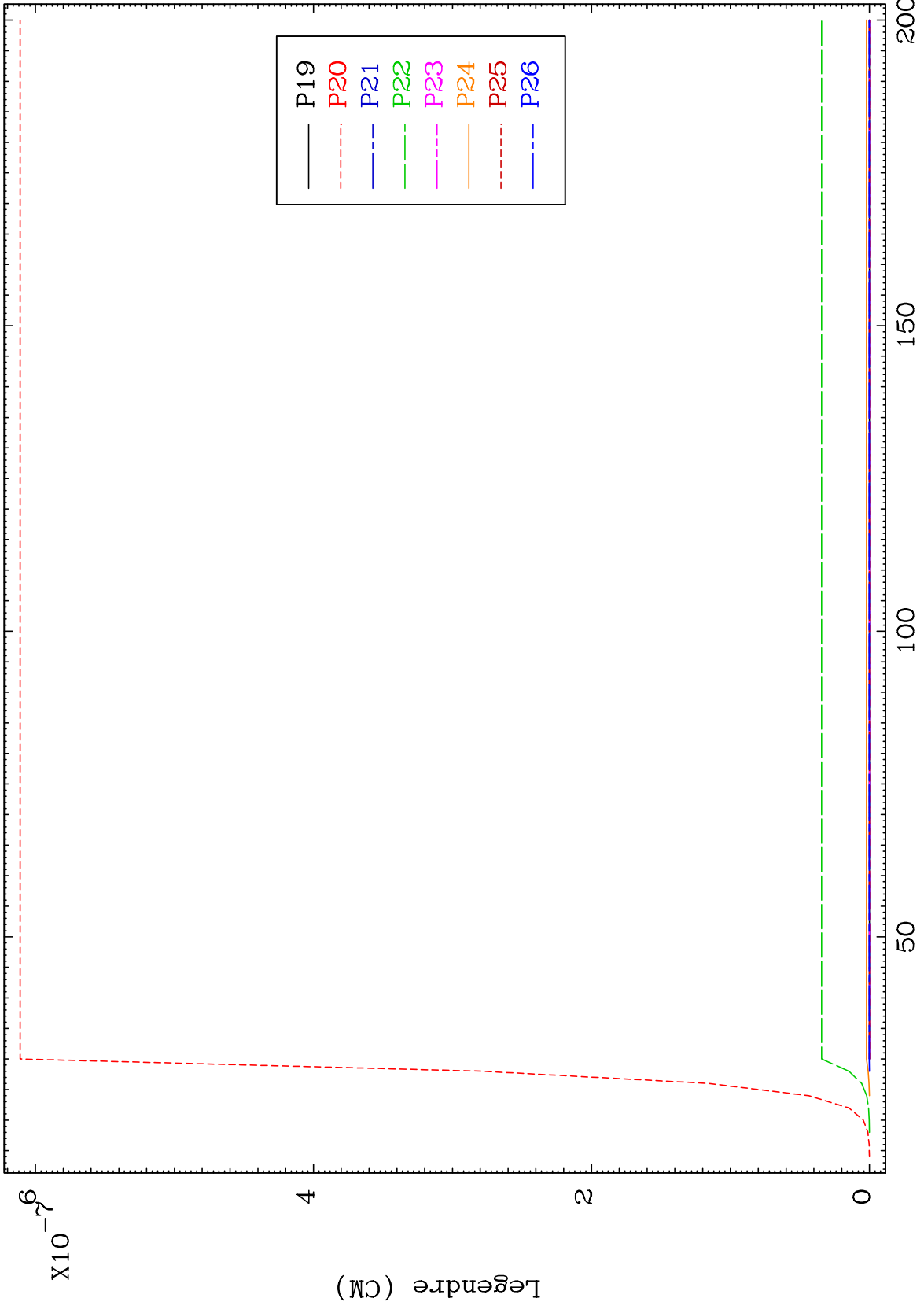
Incident Energy (MeV)

50-Sn-119

MAT 5046 MT= 52 (n,n') Level Legendre Coefficients

50-Sn-119

50-Sn-119



25

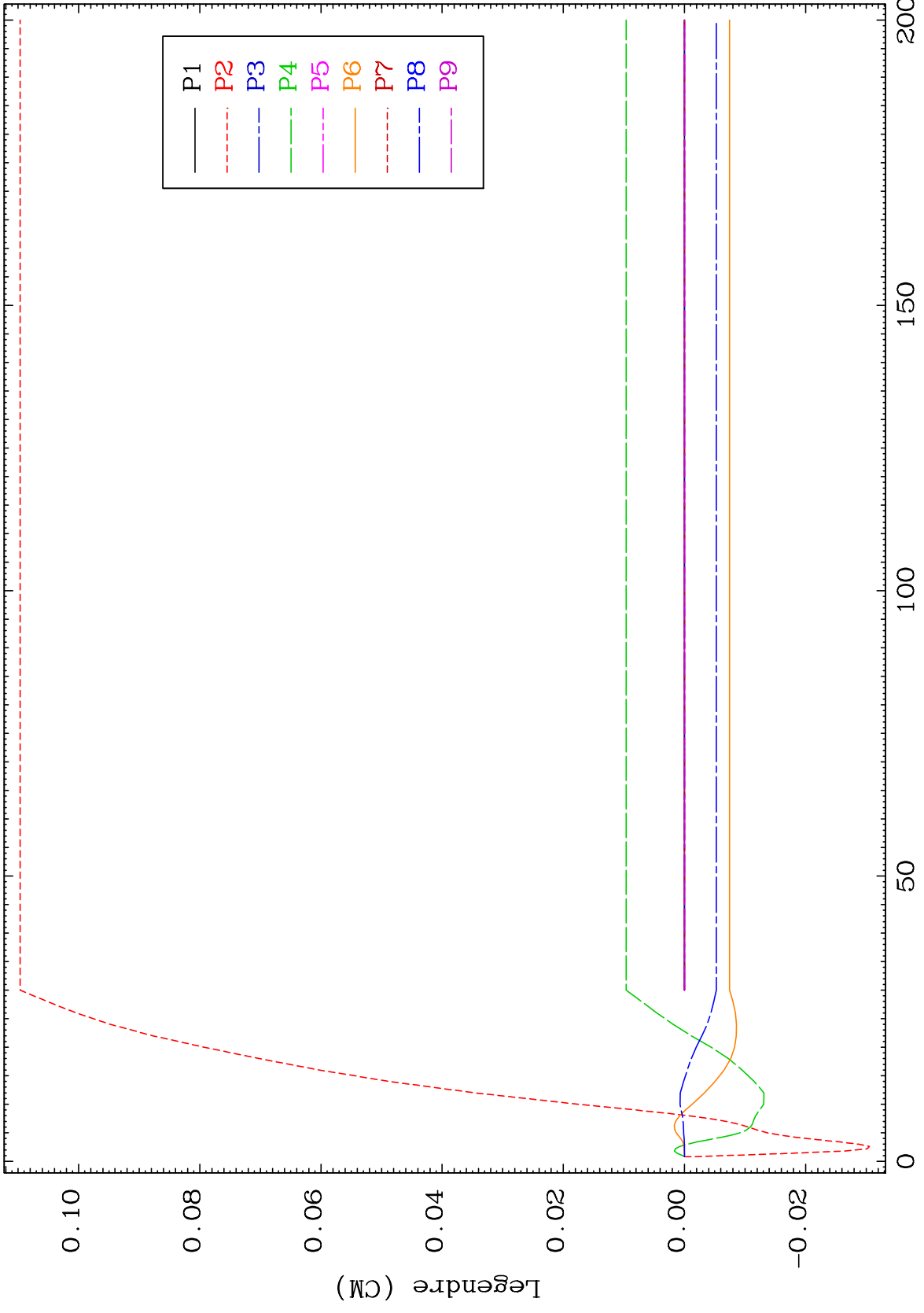
50

100

150

200

MAT 5046 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-119

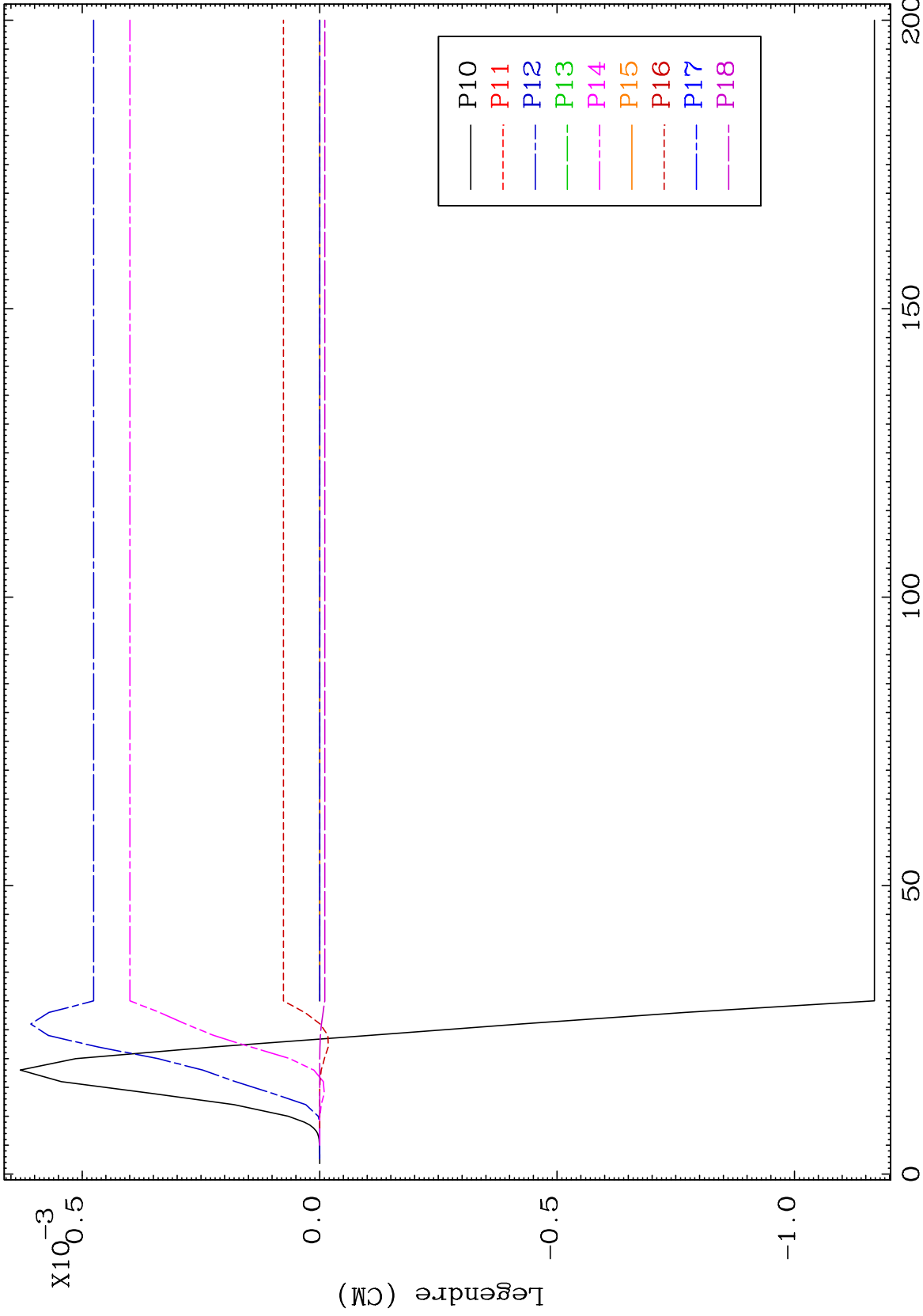


26 Incident Energy (MeV) 50-Sn-119

MAT 5046

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

50-Sn-119



27

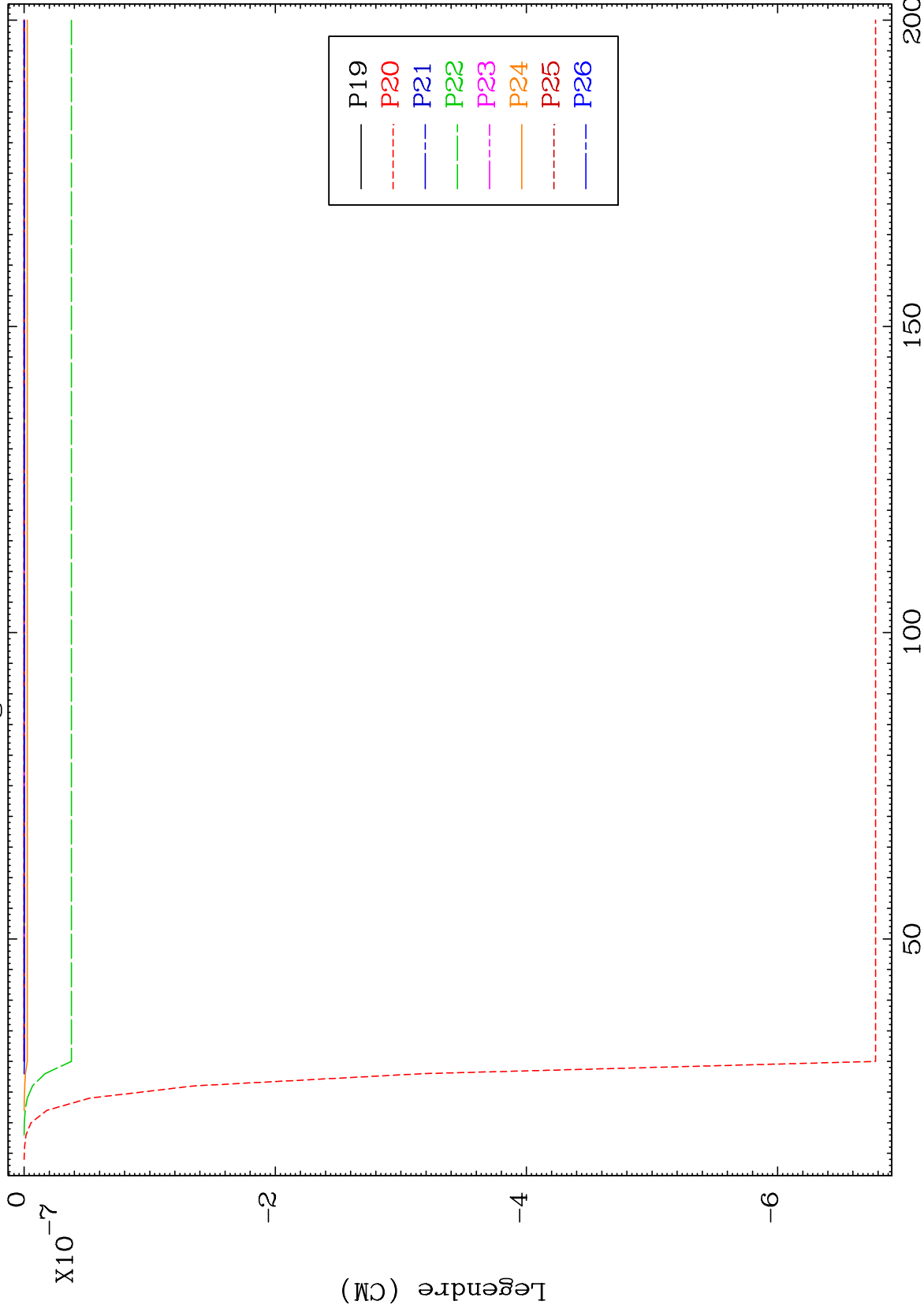
Incident Energy (MeV)

50-Sn-119

MAT 5046

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

50-Sn-119

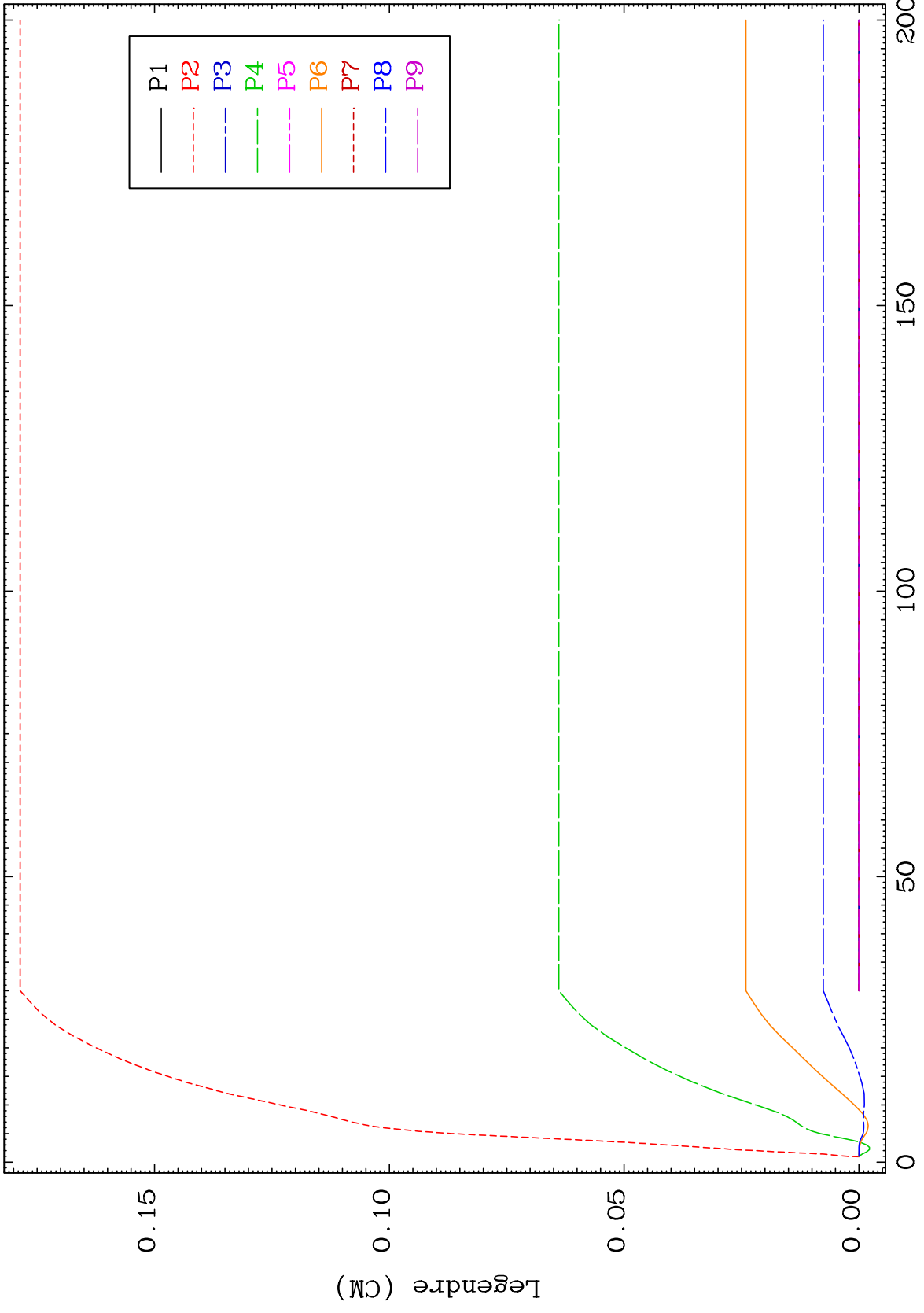


50-Sn-119

Incident Energy (MeV)

28

MAT 5046 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-119

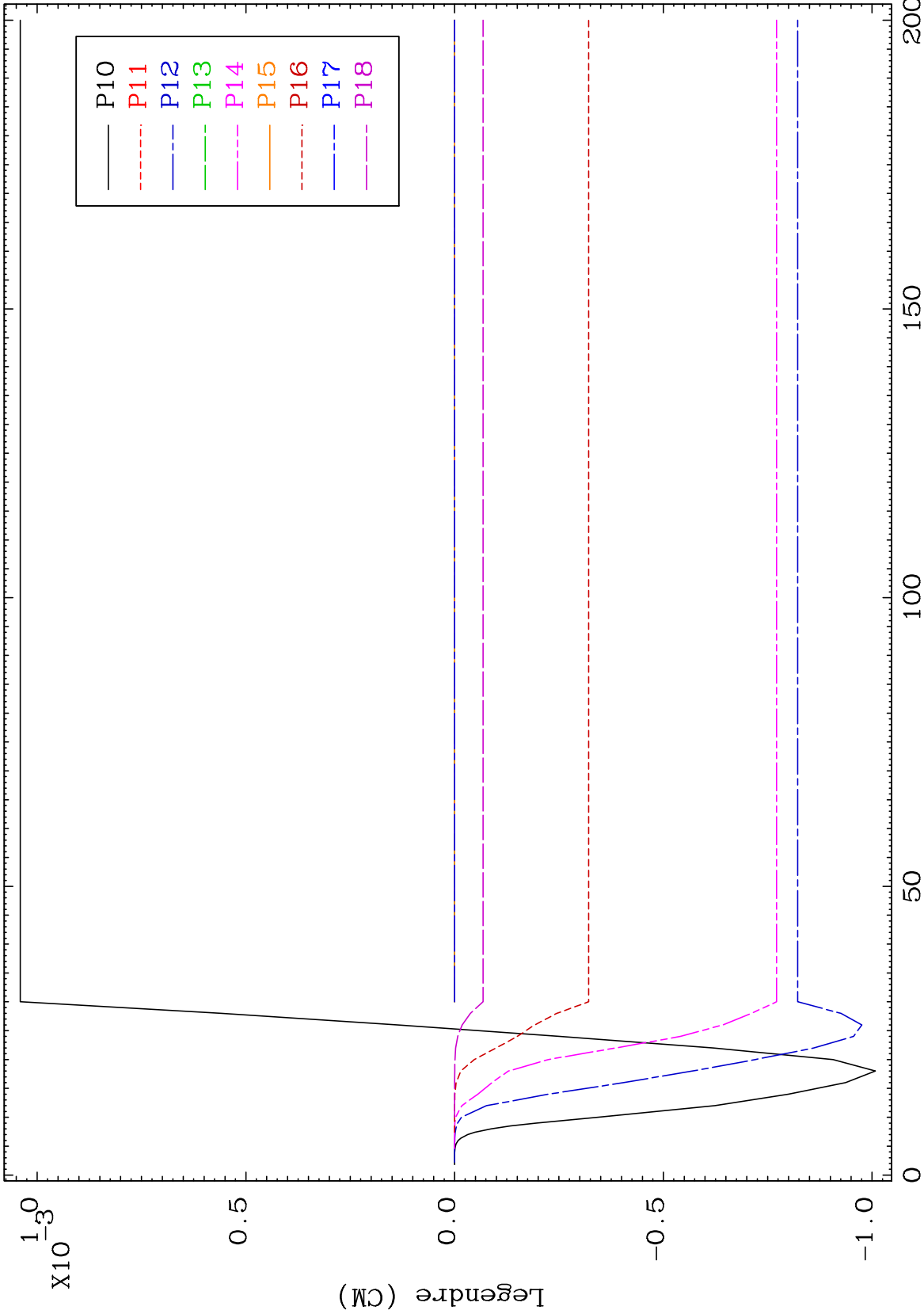


29 50-Sn-119

MAT 5046

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

50-Sn-119



50-Sn-119

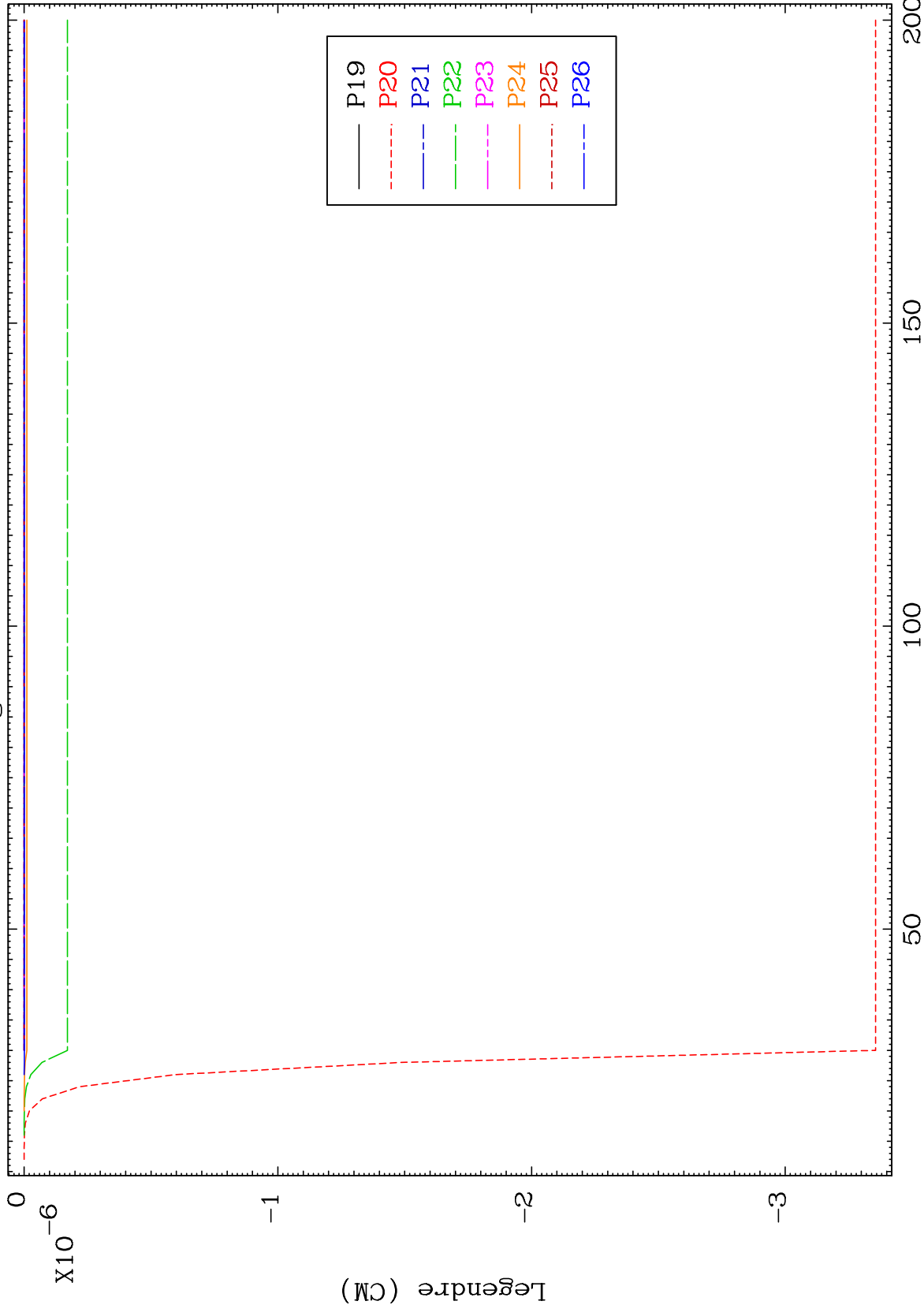
Incident Energy (MeV)

30

MAT 5046

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

50-Sn-119

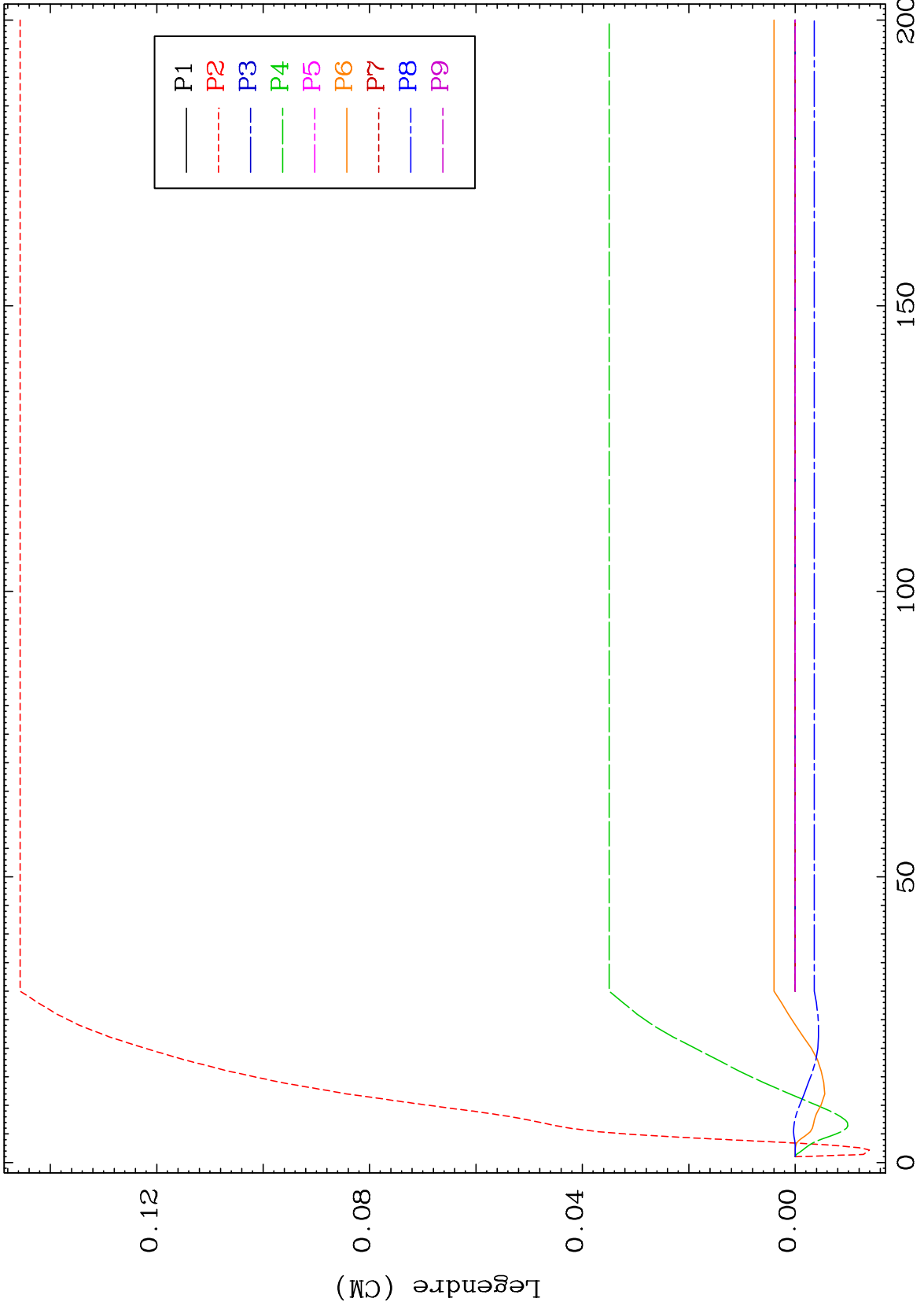


50-Sn-119

Incident Energy (MeV)

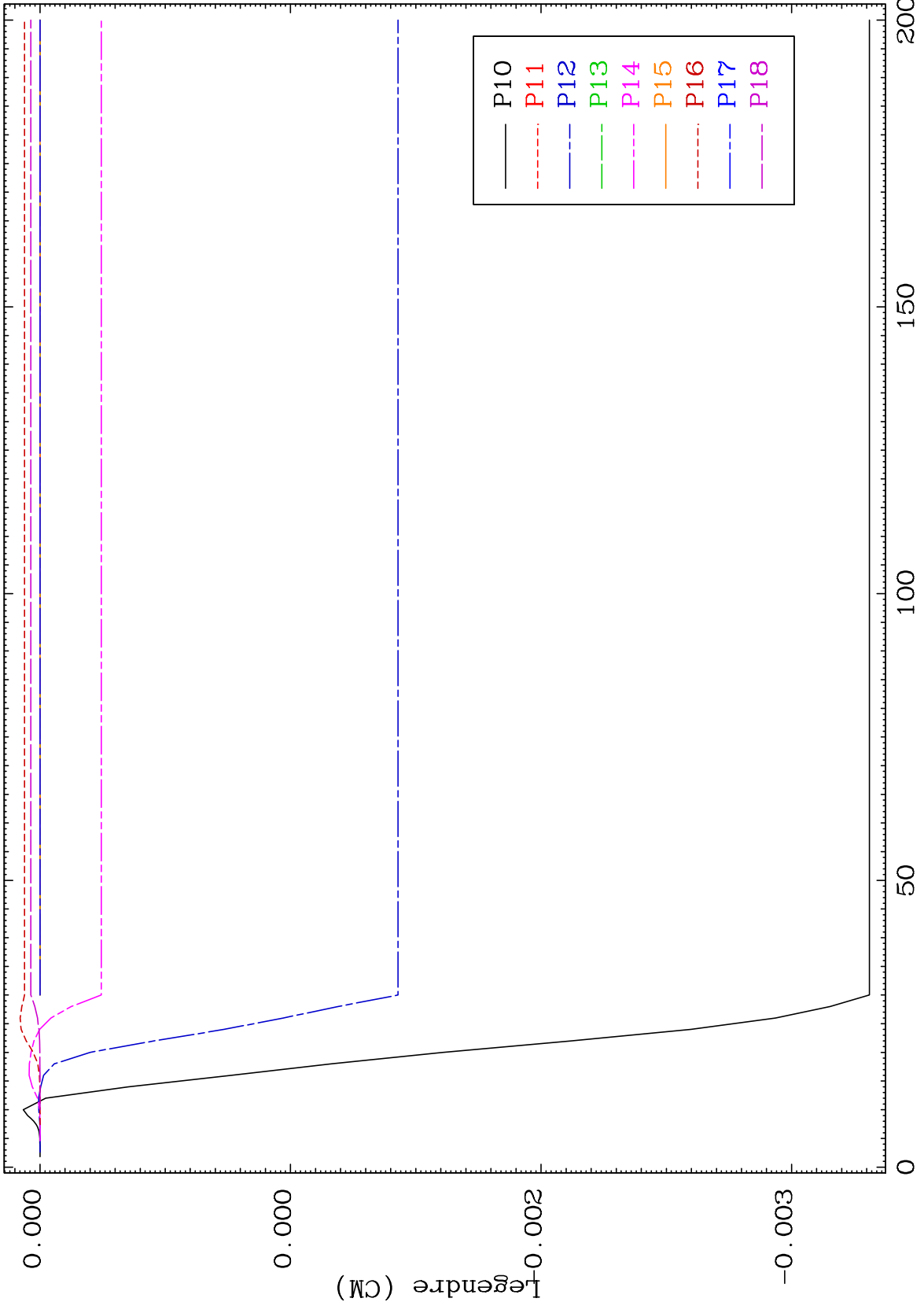
31

MAT 5046 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-119



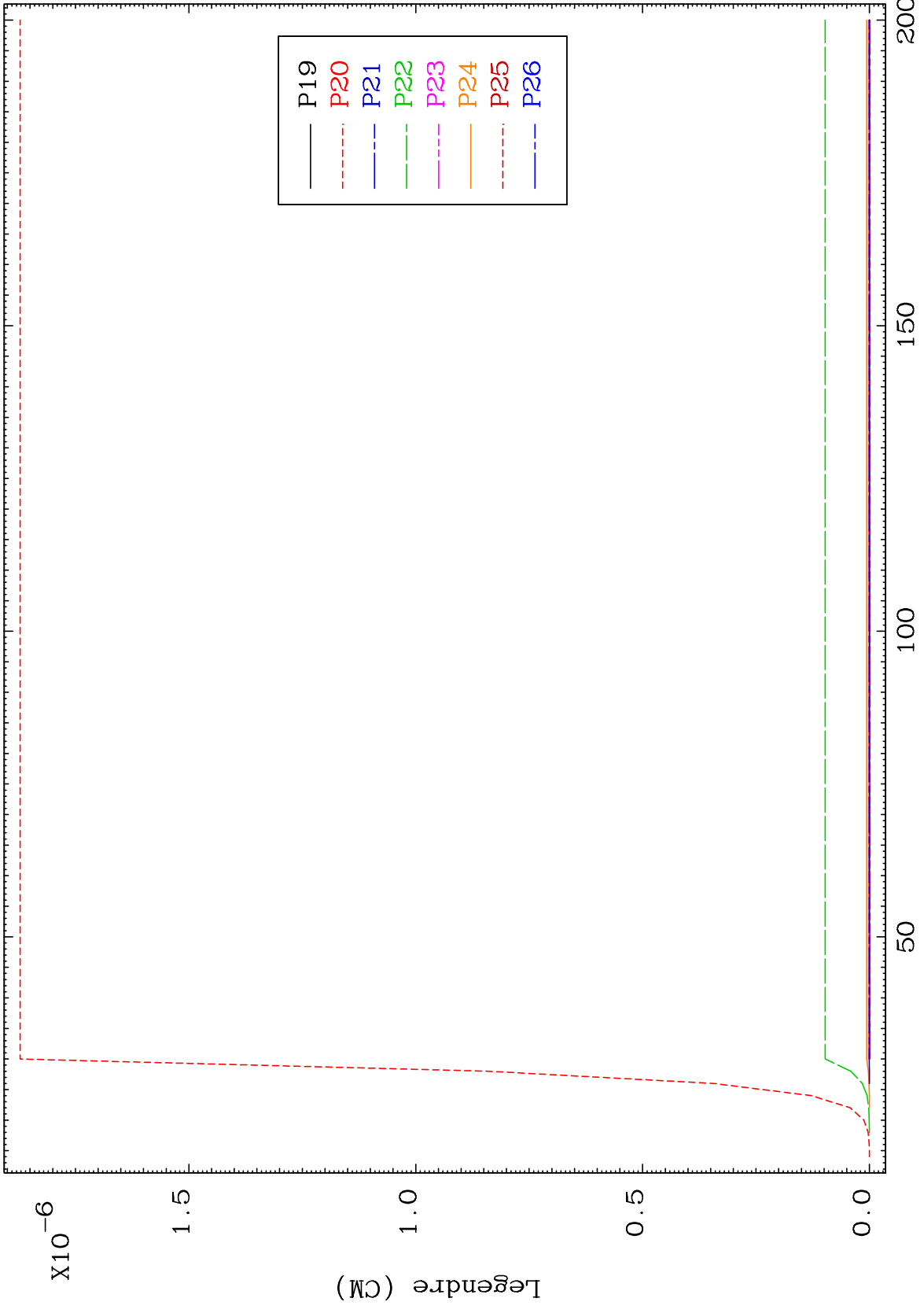
32 50-Sn-119

MAT 5046 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-119



33 50-Sn-119

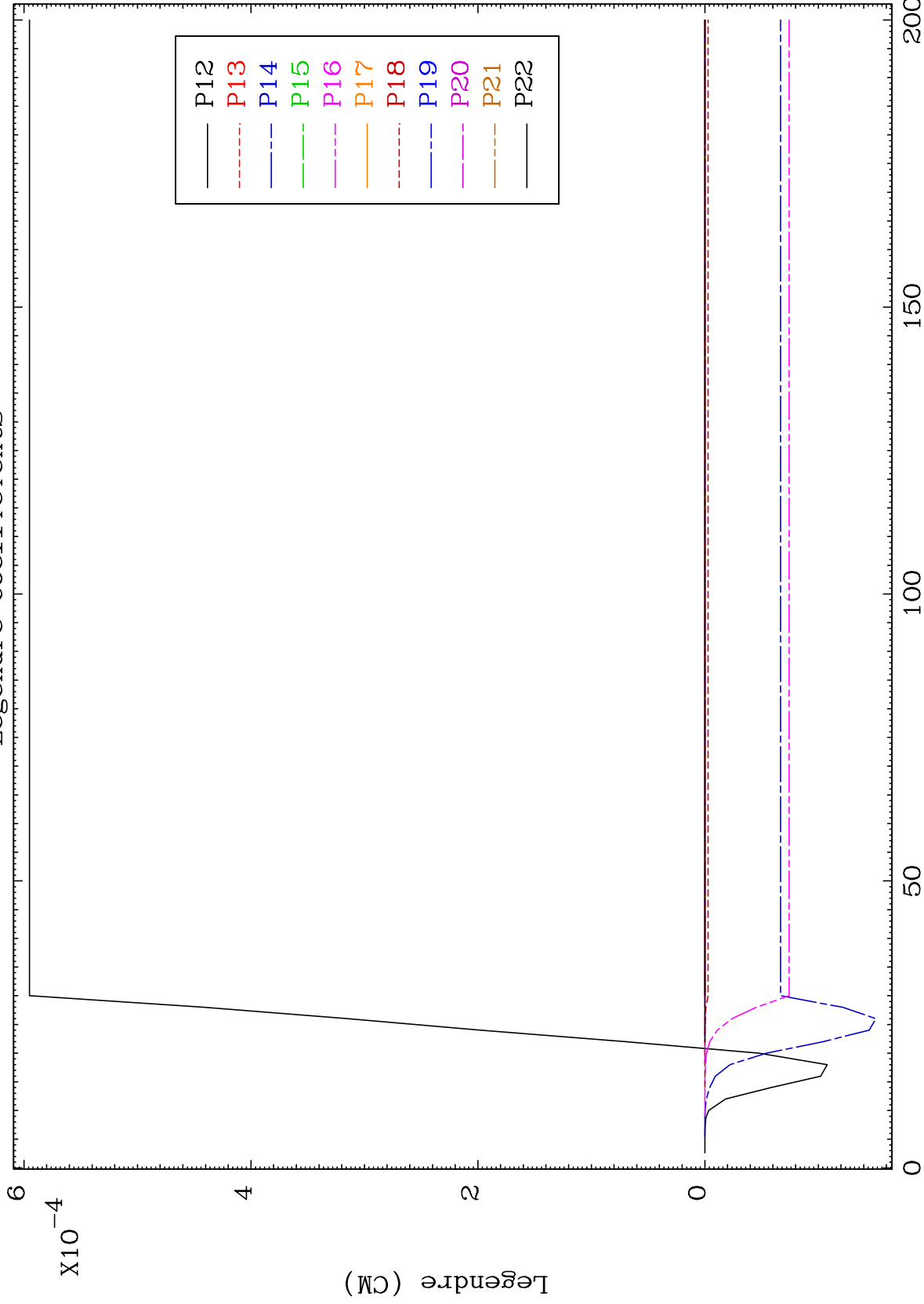
MAT 5046 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-119



MAT 5046

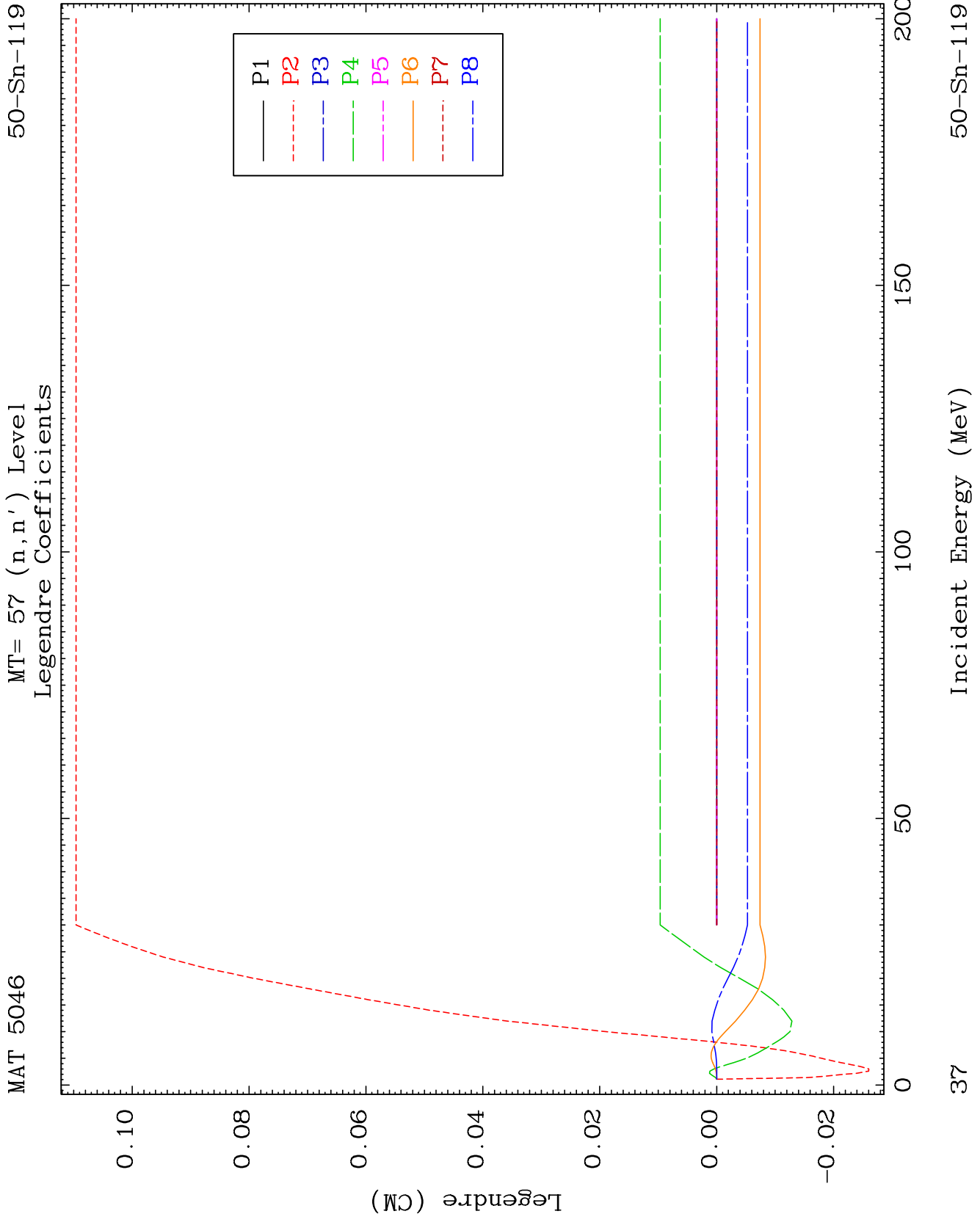
MT= 56 (n,n') Level
Legendre Coefficients

50-Sn-119



36

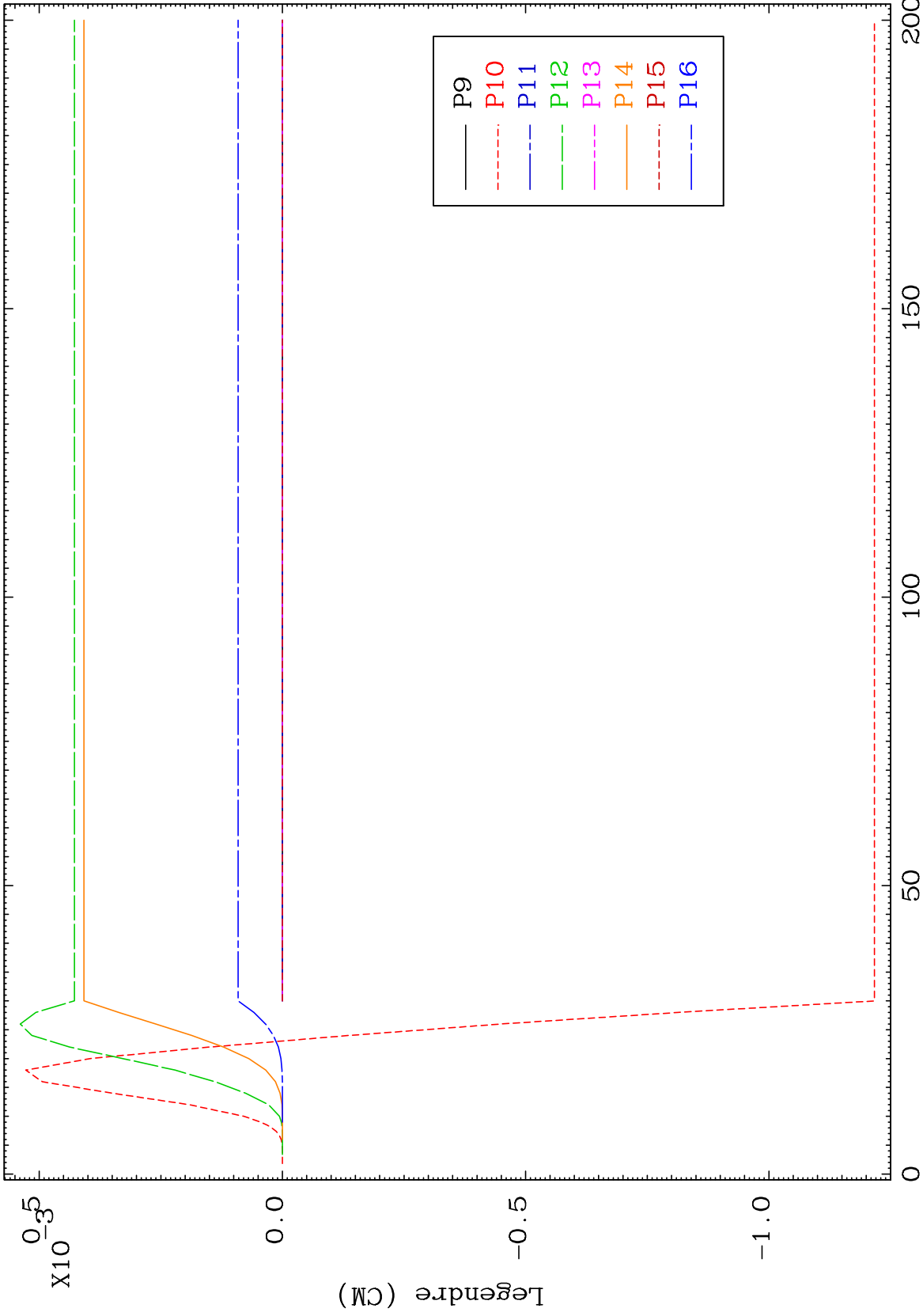
50-Sn-119



MAT 5046

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

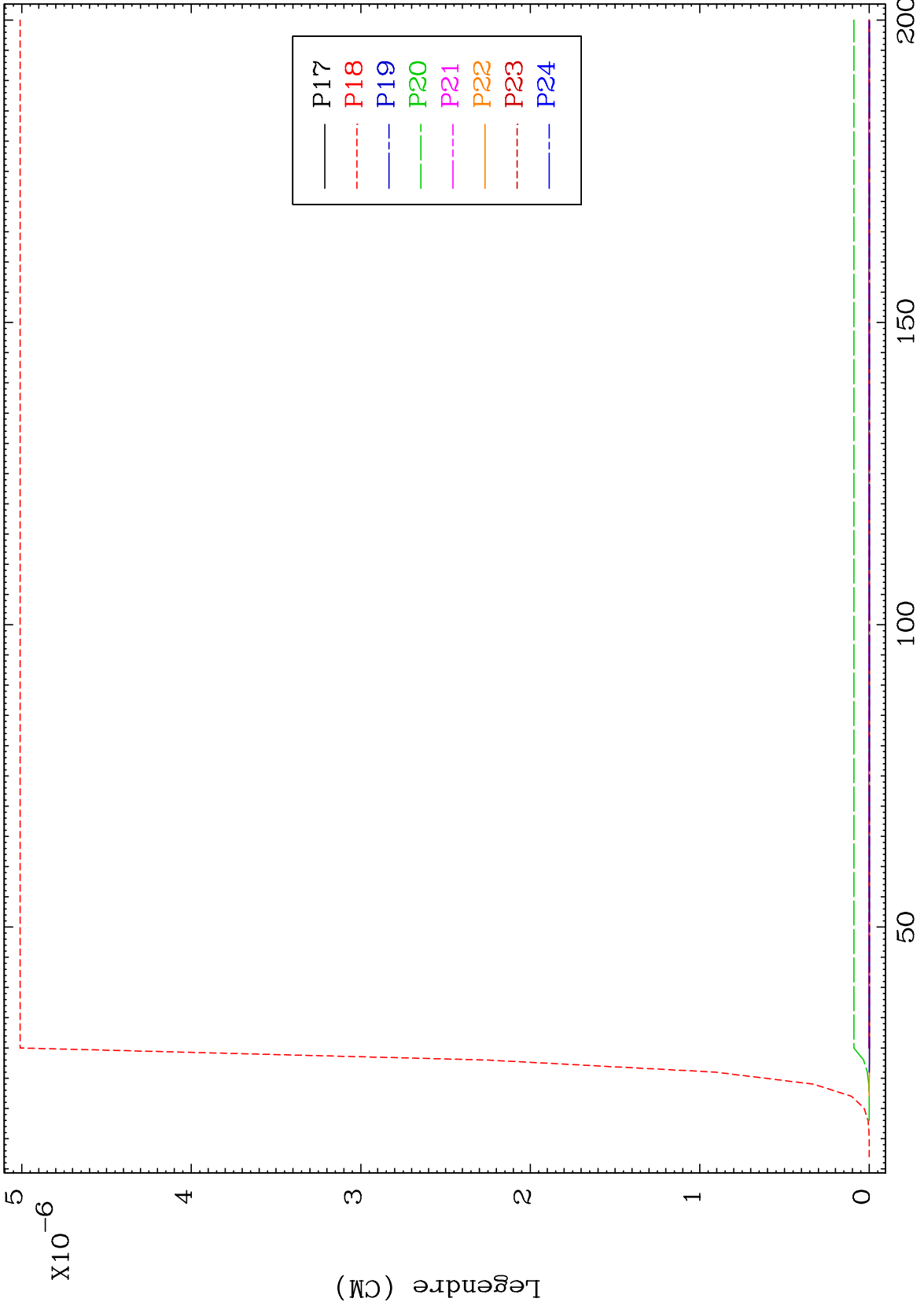
50-Sn-119



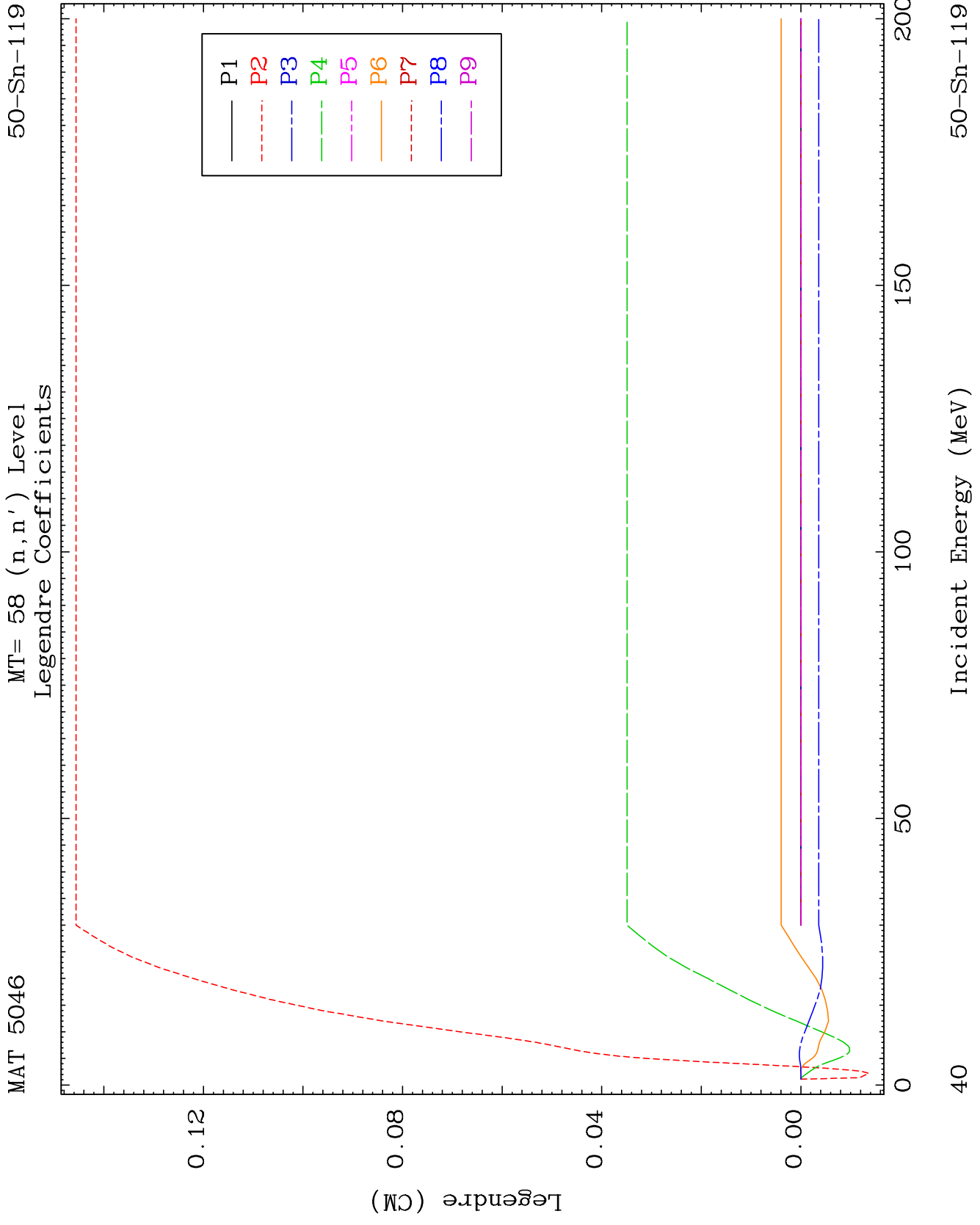
38

50-Sn-119

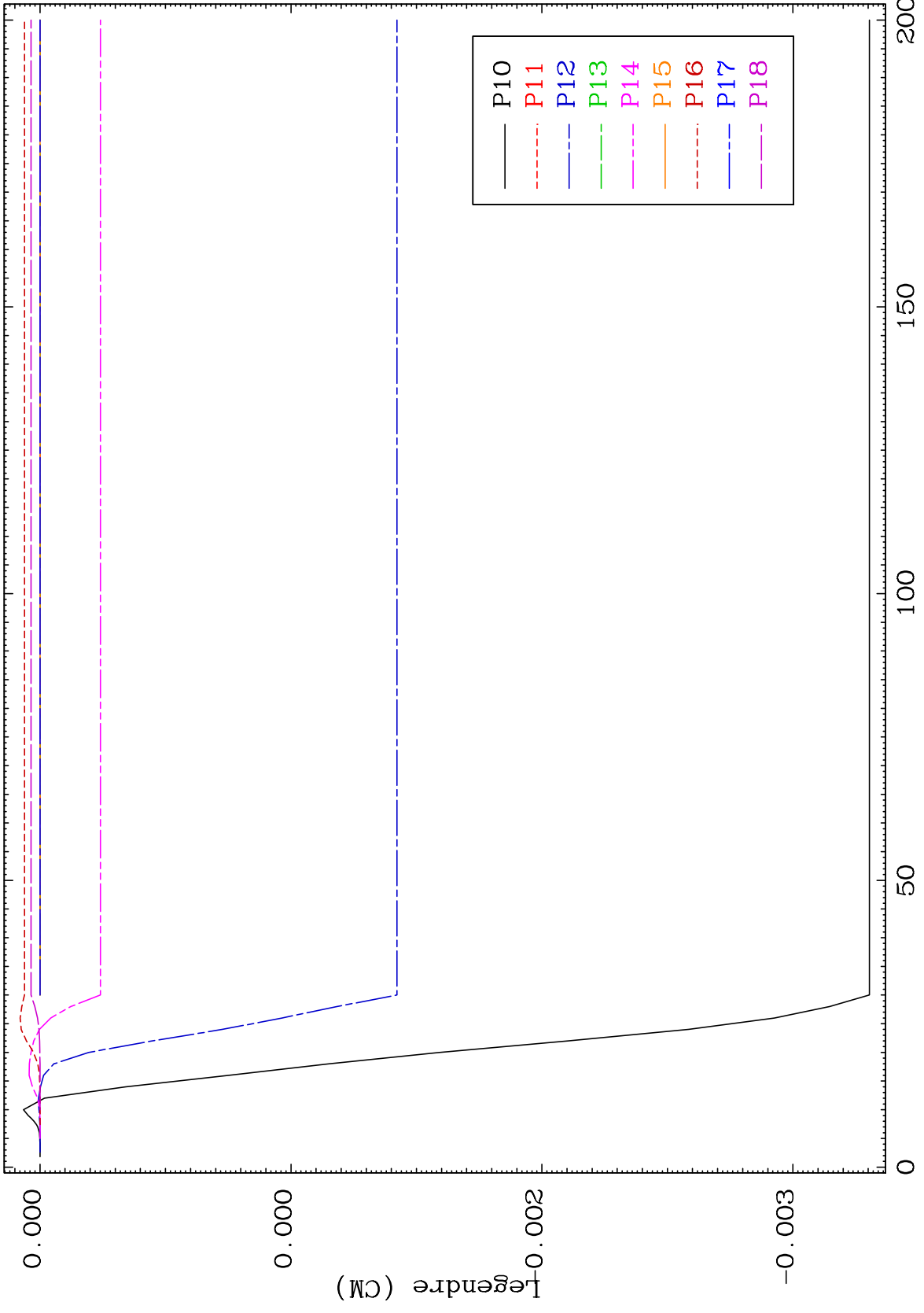
MAT 5046 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-119



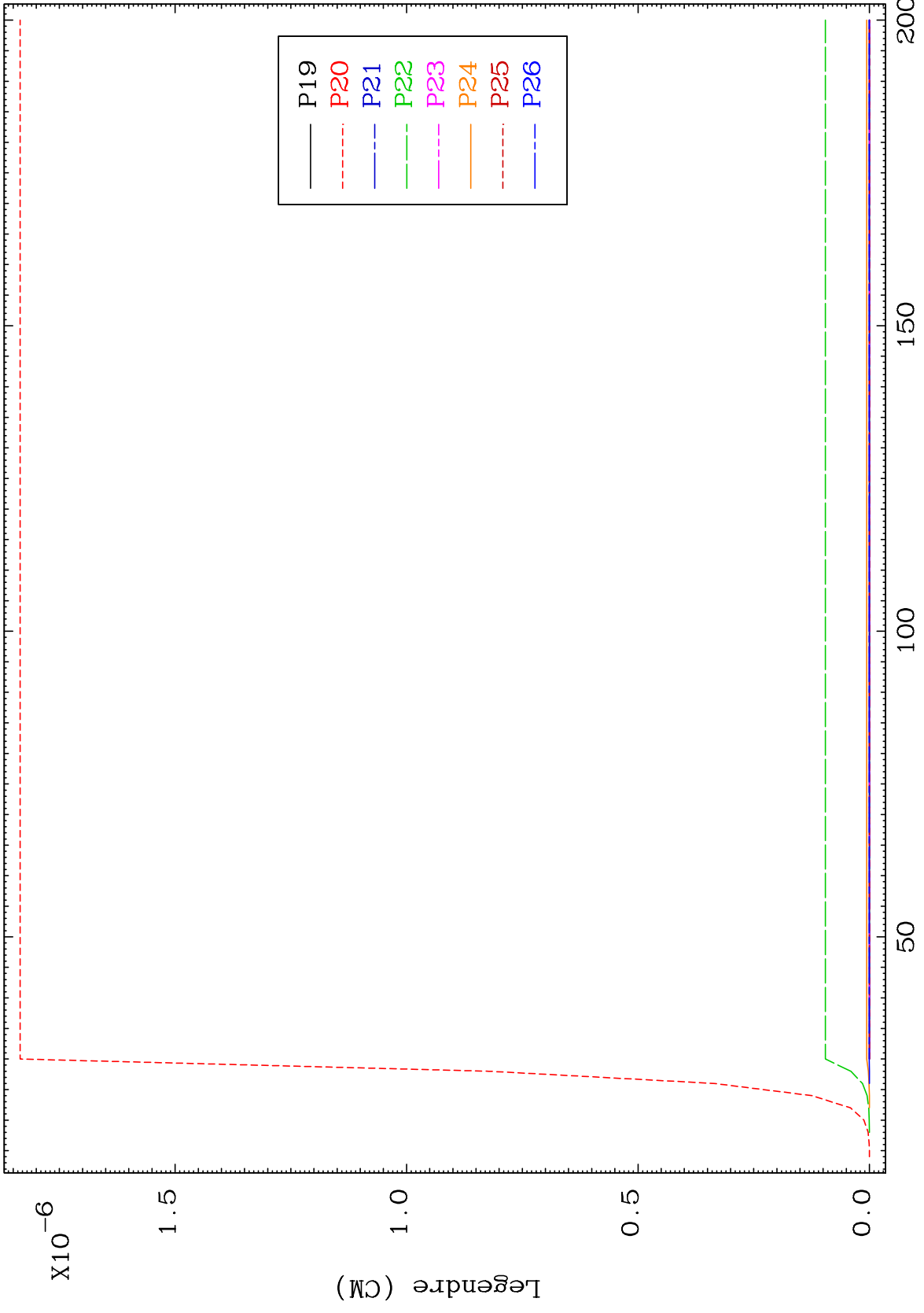
39 Incident Energy (MeV) 50-Sn-119



MAT 5046 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-119

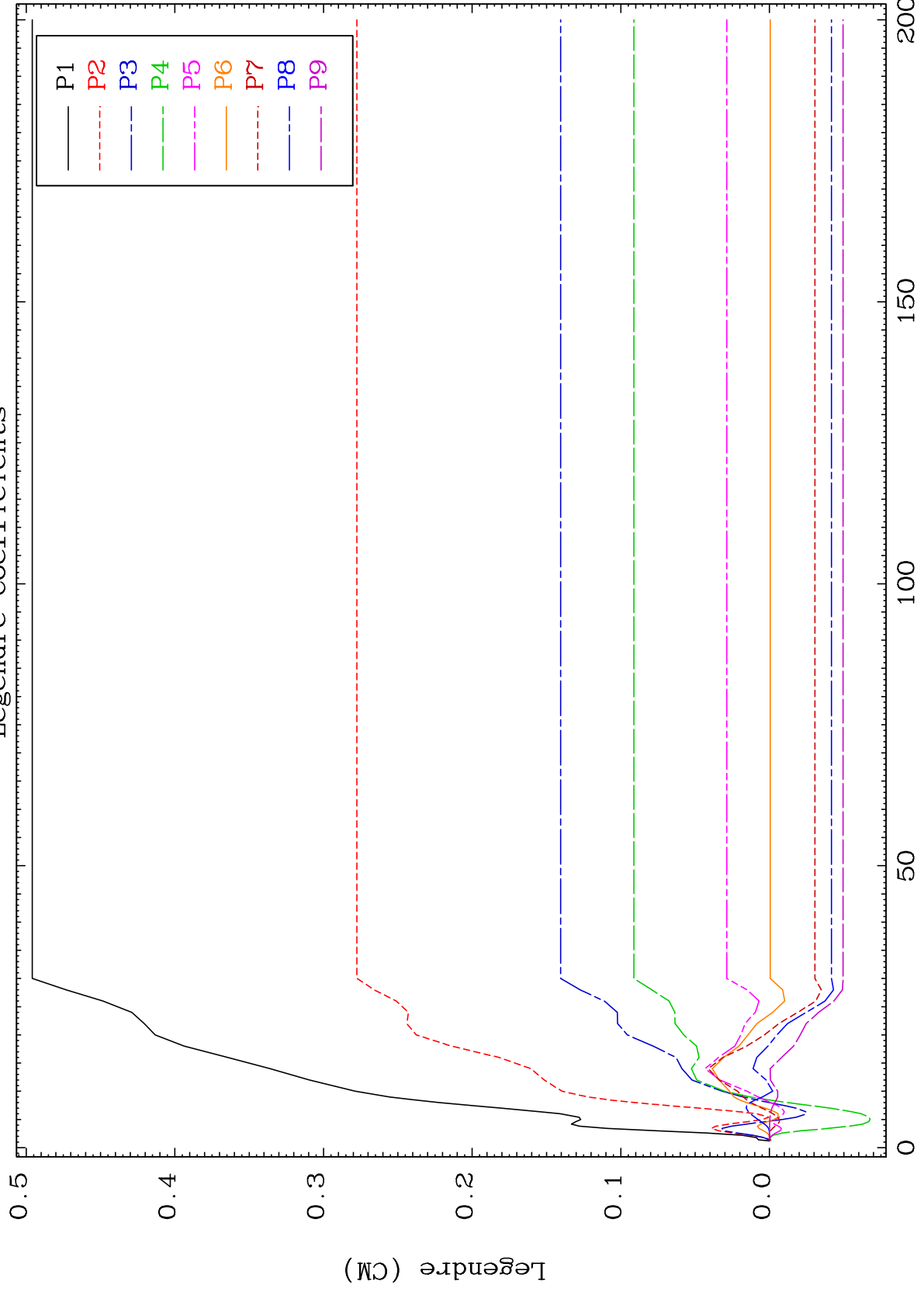


MAT 5046 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-119



42 Incident Energy (MeV) 50-Sn-119

MAT 5046 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-119

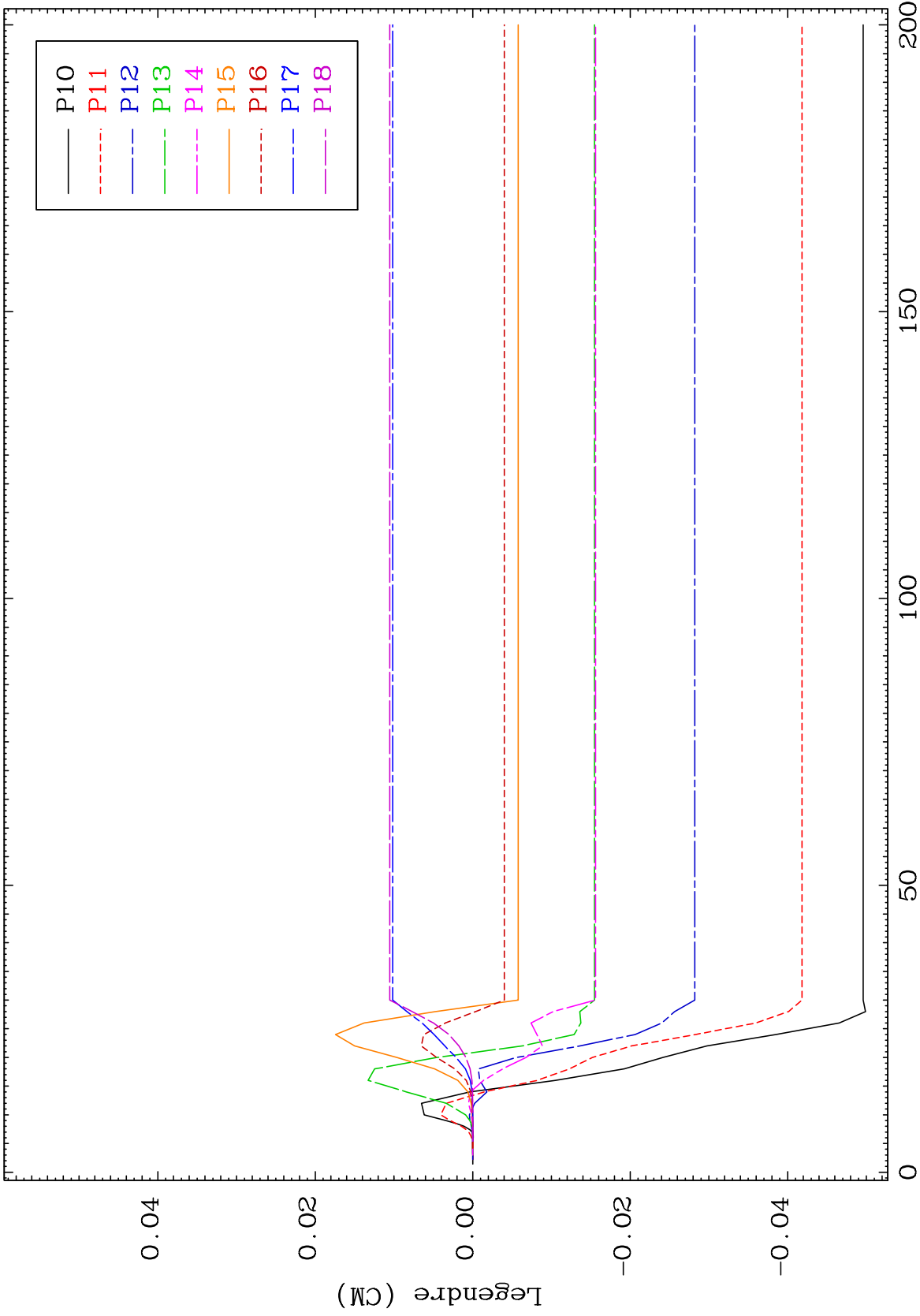


43 Incident Energy (MeV) 50-Sn-119

MAT 5046

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

50-Sn-119

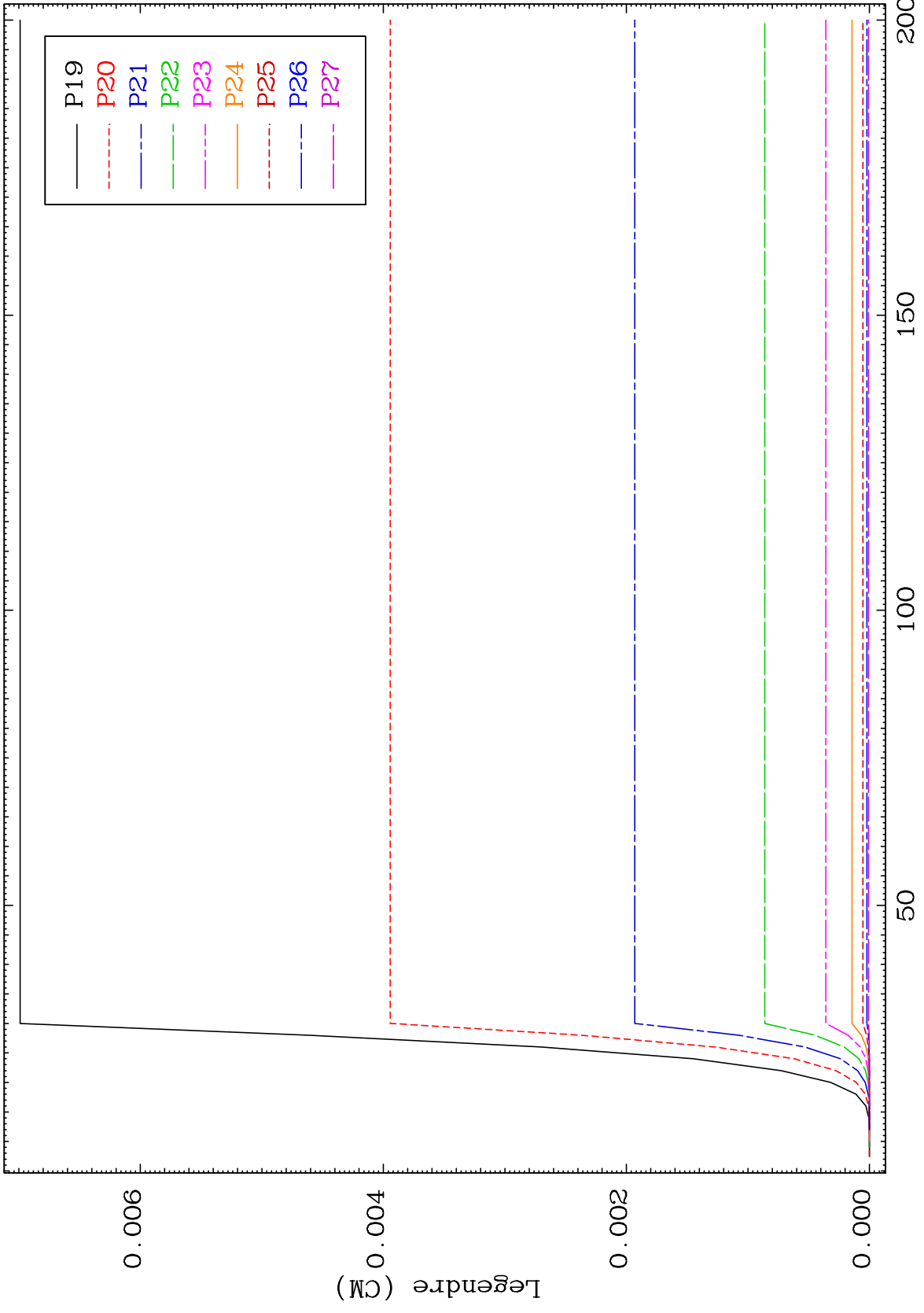


44

Incident Energy (MeV)

50-Sn-119

MAT 5046 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-119

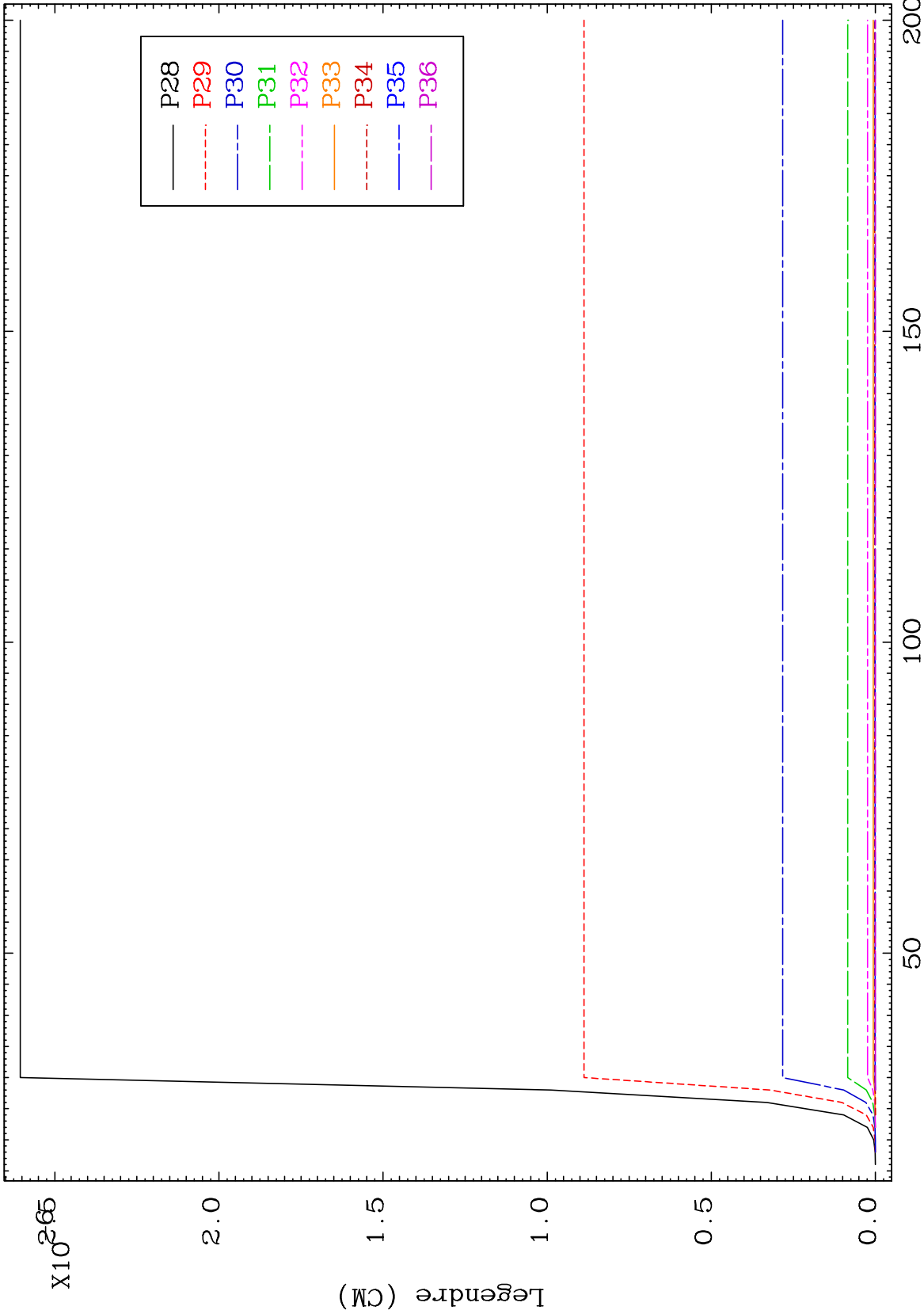


45 Incident Energy (MeV) 50-Sn-119

MAT 5046

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

50-Sn-119



46

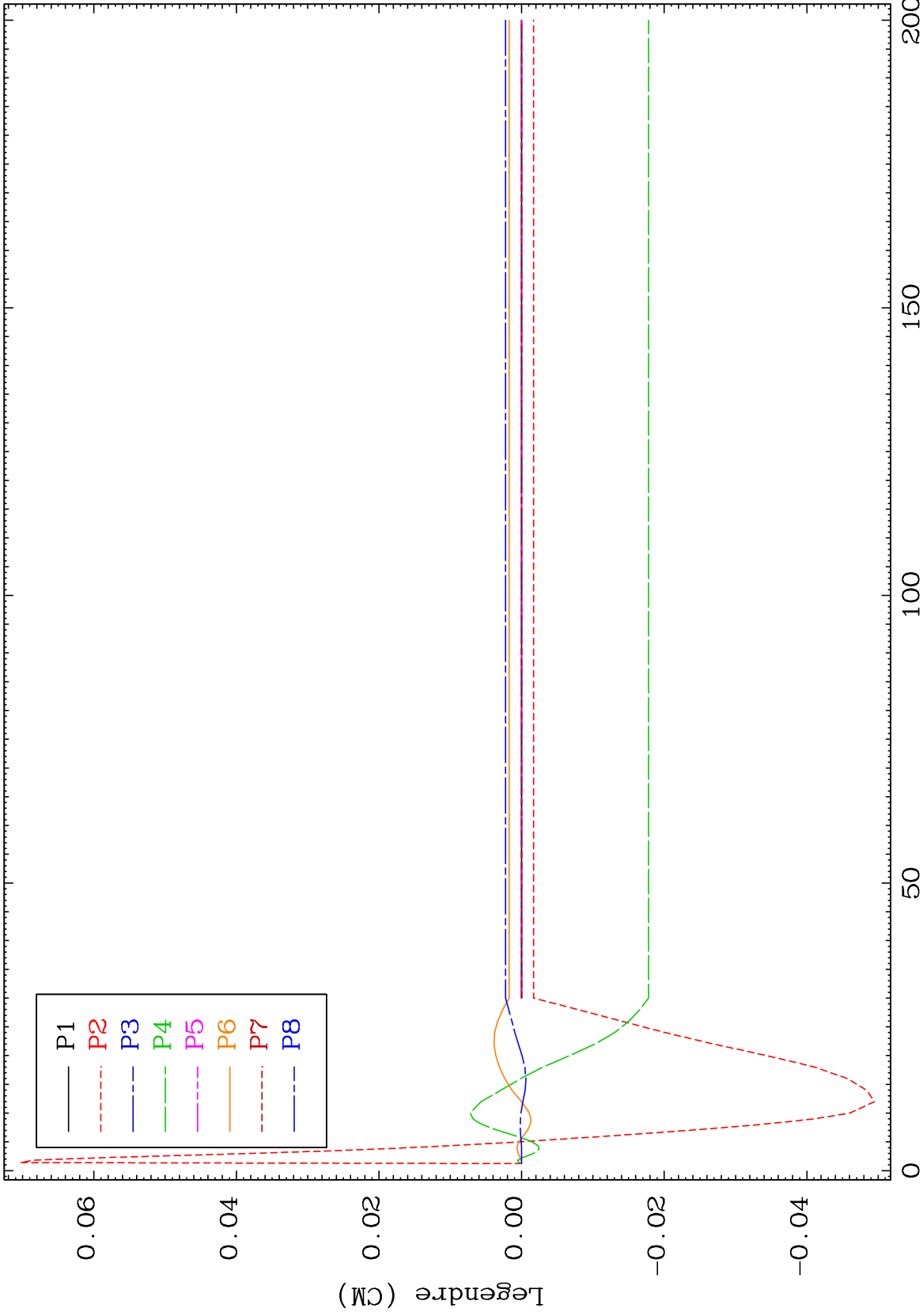
Incident Energy (MeV)

50-Sn-119

MAT 5046

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

50-Sn-119



47

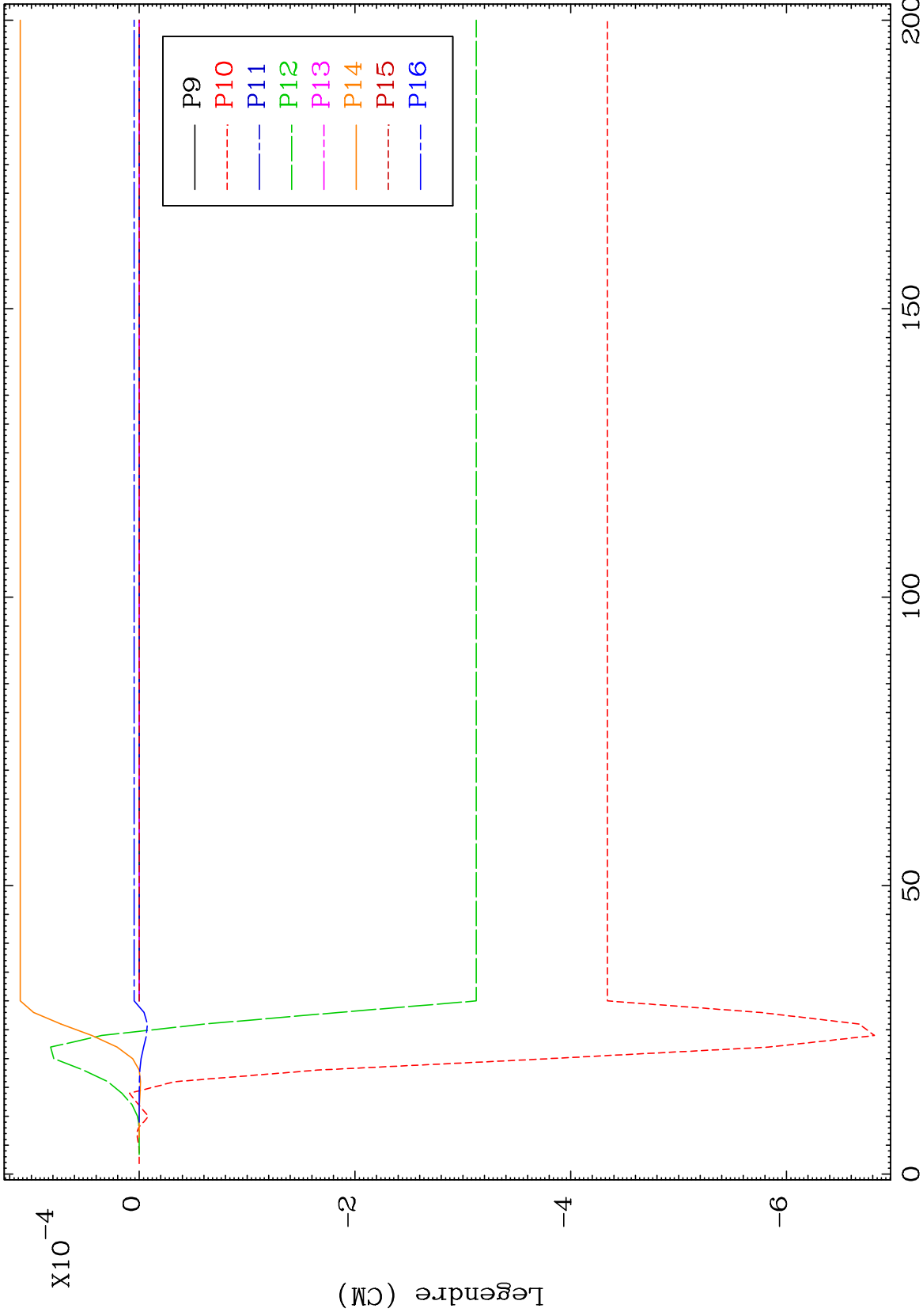
Incident Energy (MeV)

50-Sn-119

MAT 5046

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

50-Sn-119

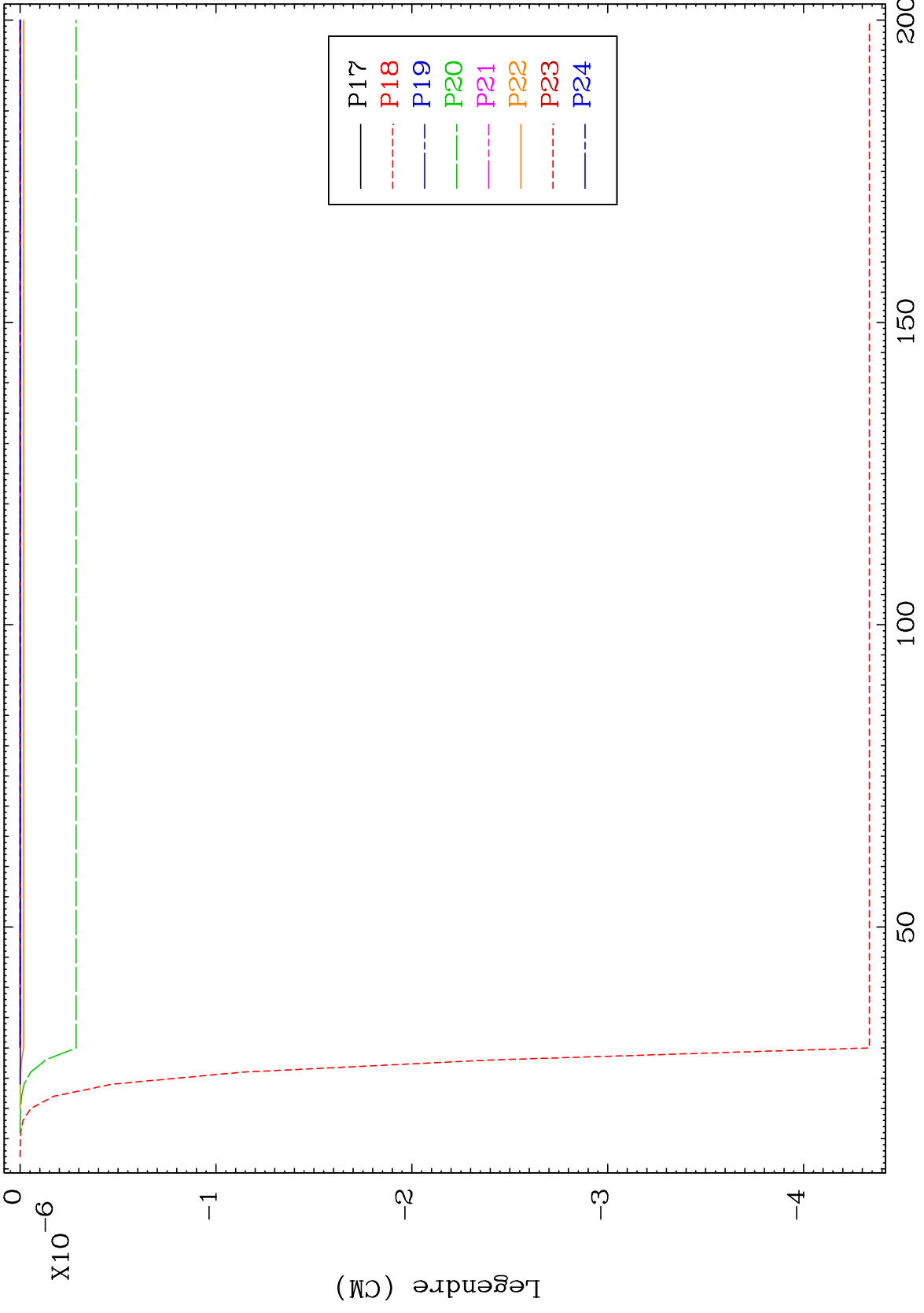


48

Incident Energy (MeV)

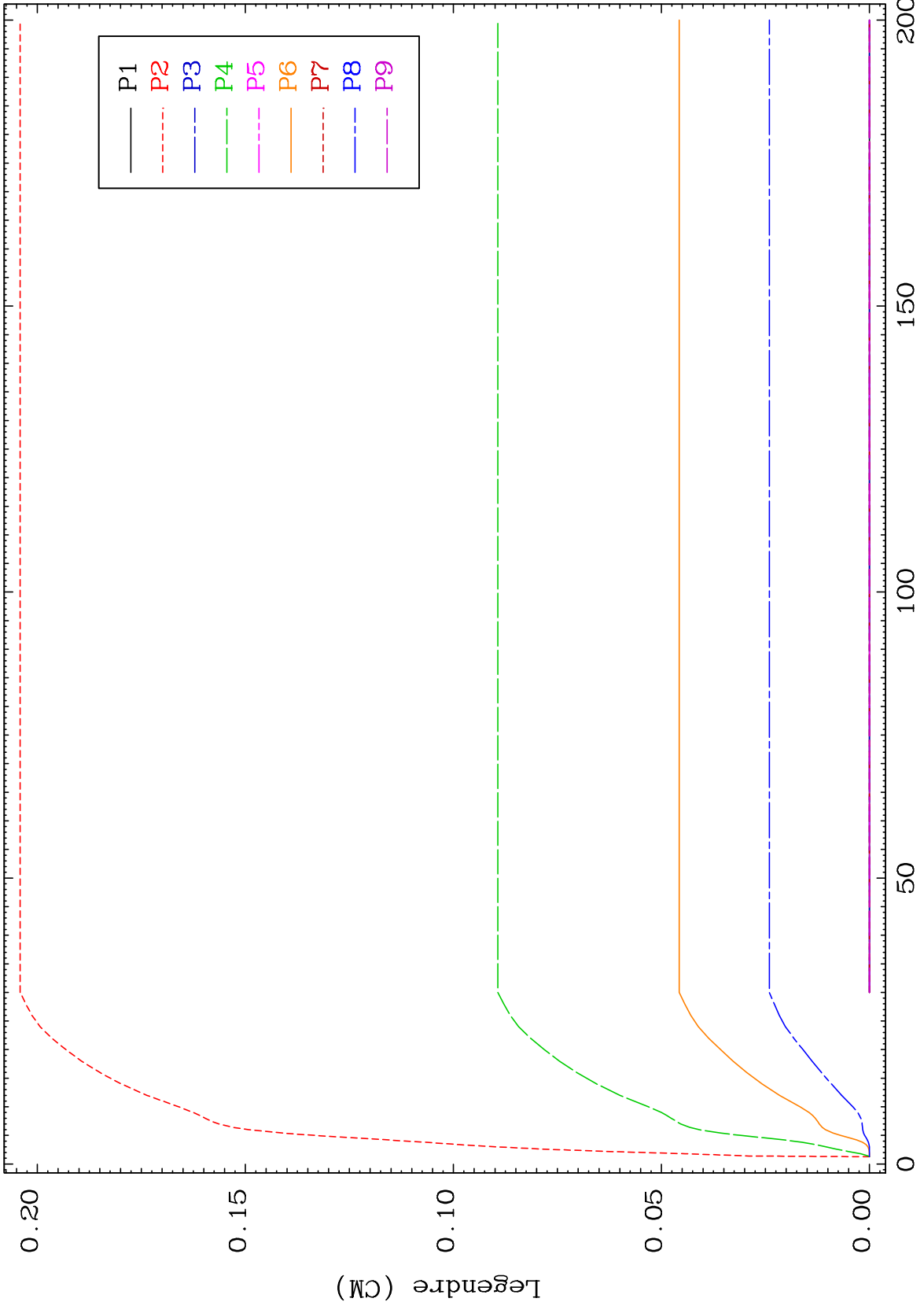
50-Sn-119

MAT 5046 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-119



49 50-Sn-119

MAT 5046 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-119

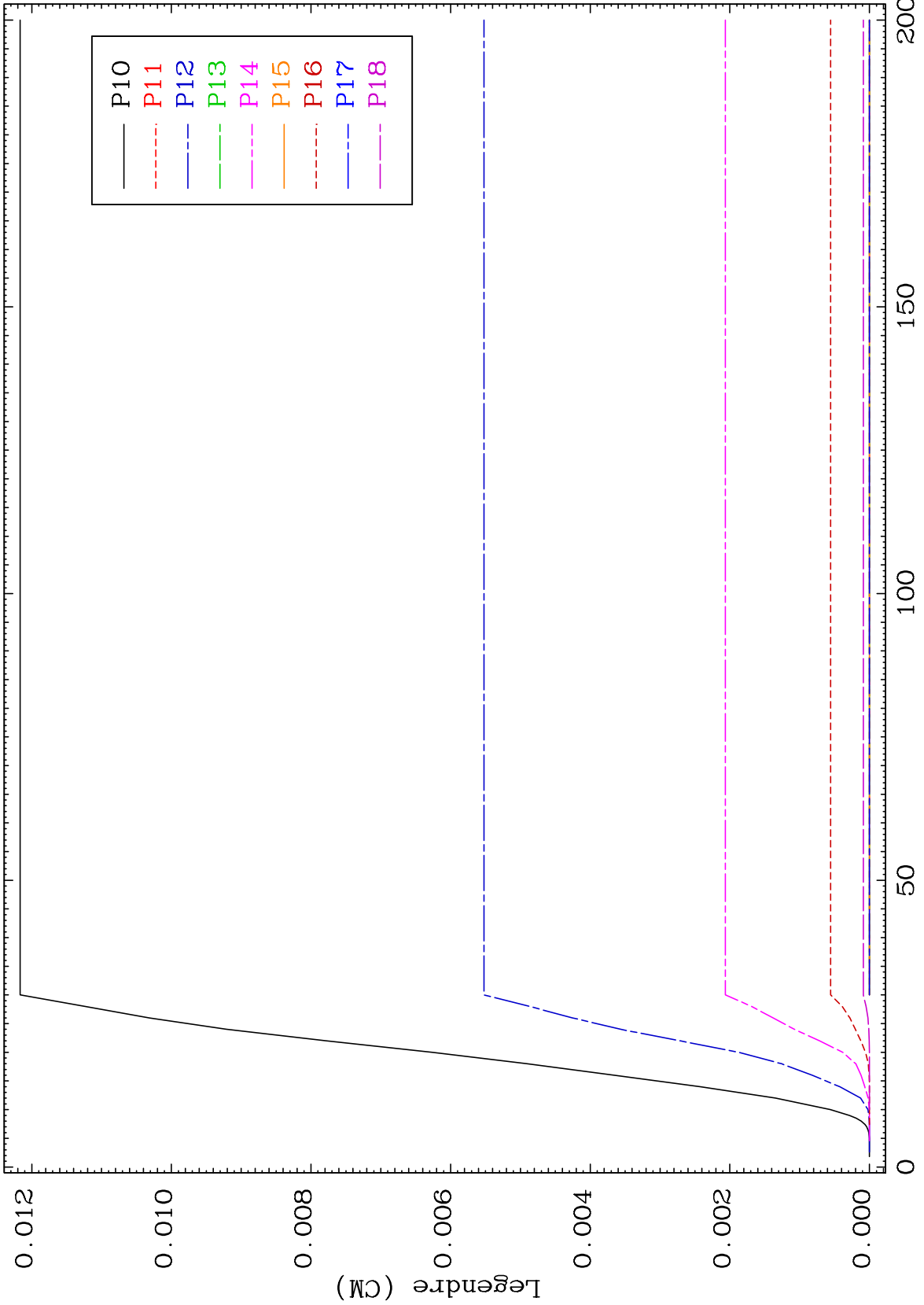


50-Sn-119 Incident Energy (MeV)

MAT 5046

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

50-Sn-119

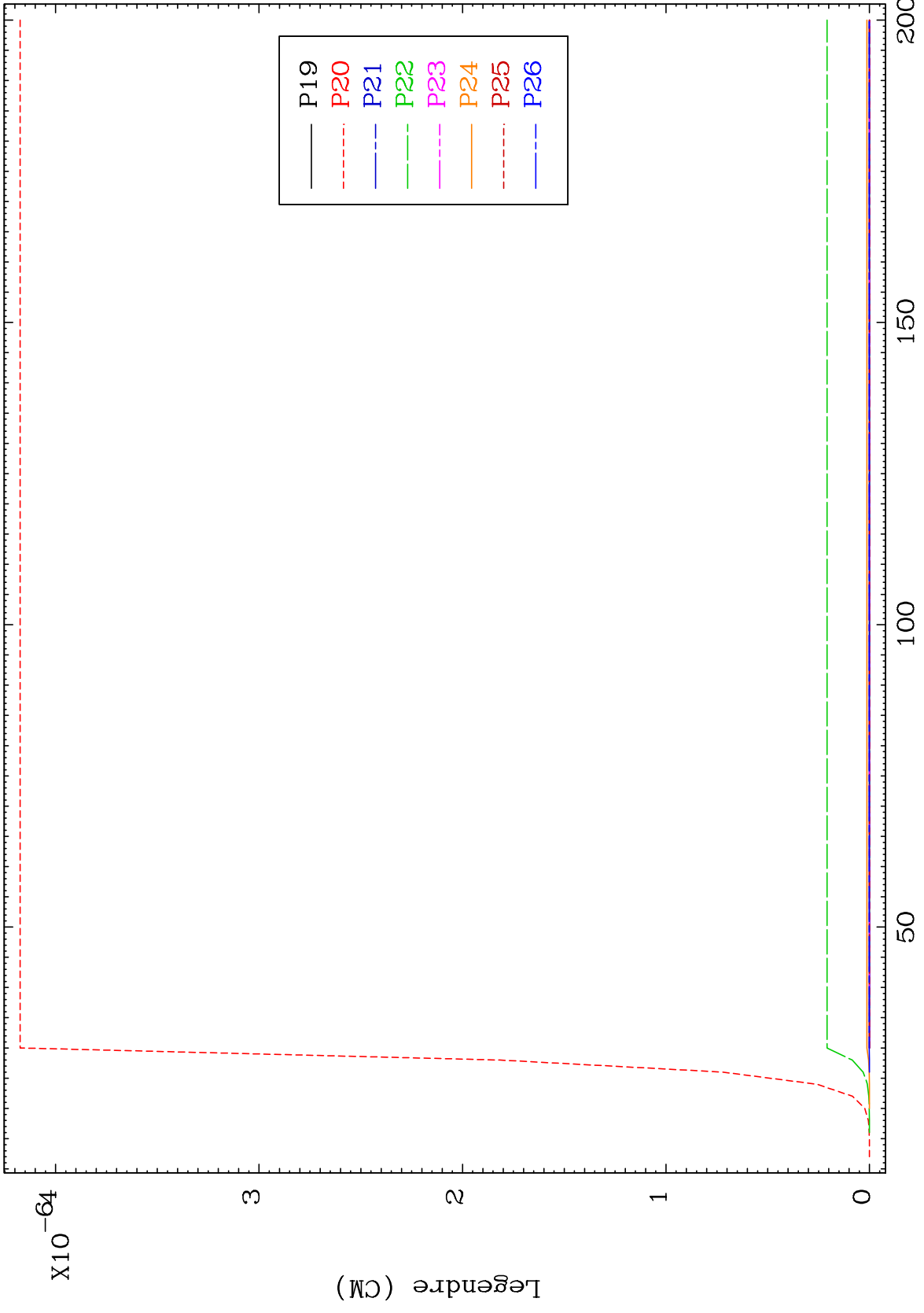


51

Incident Energy (MeV)

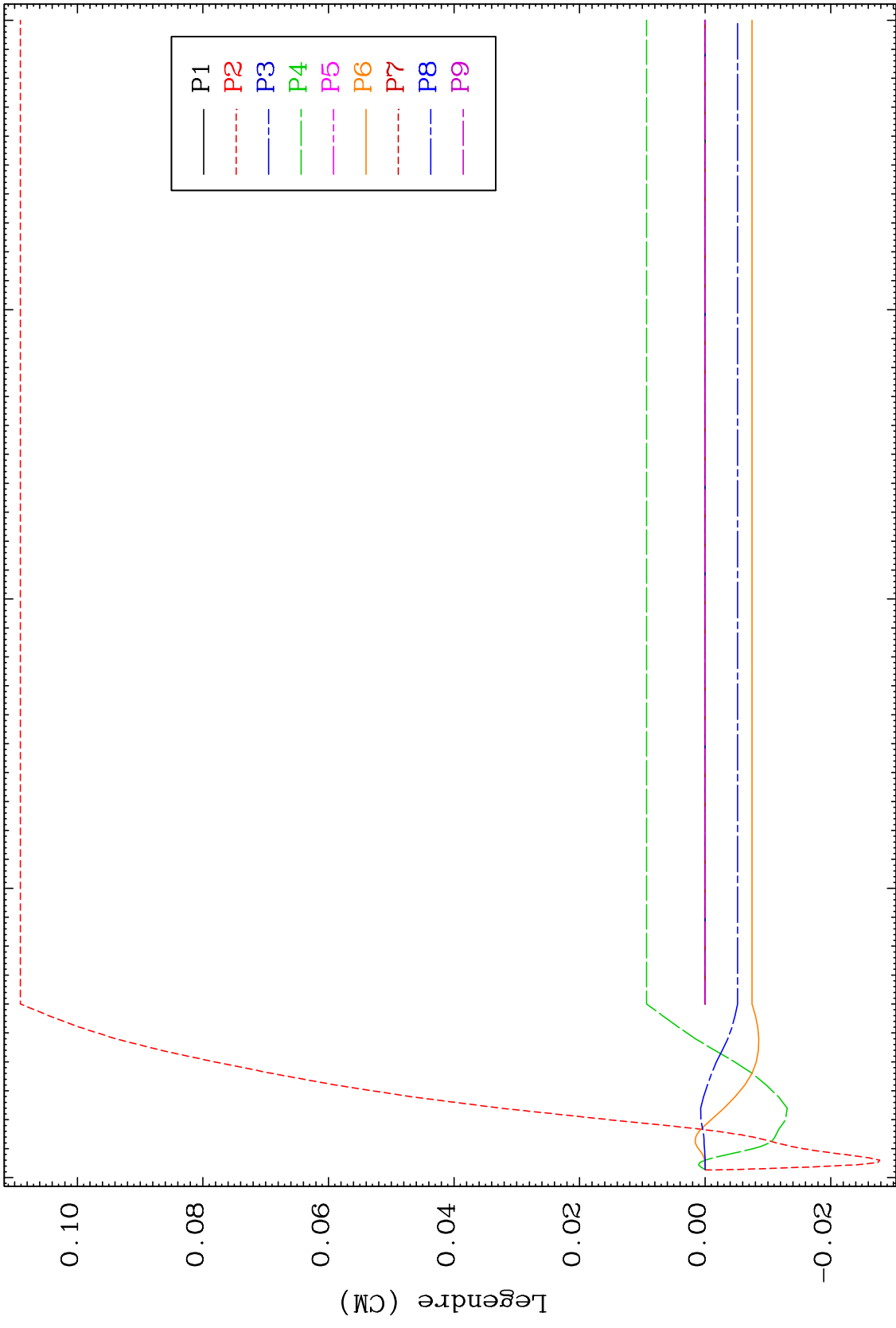
50-Sn-119

MAT 5046 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-119



52 50-Sn-119

MAT 5046 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-119

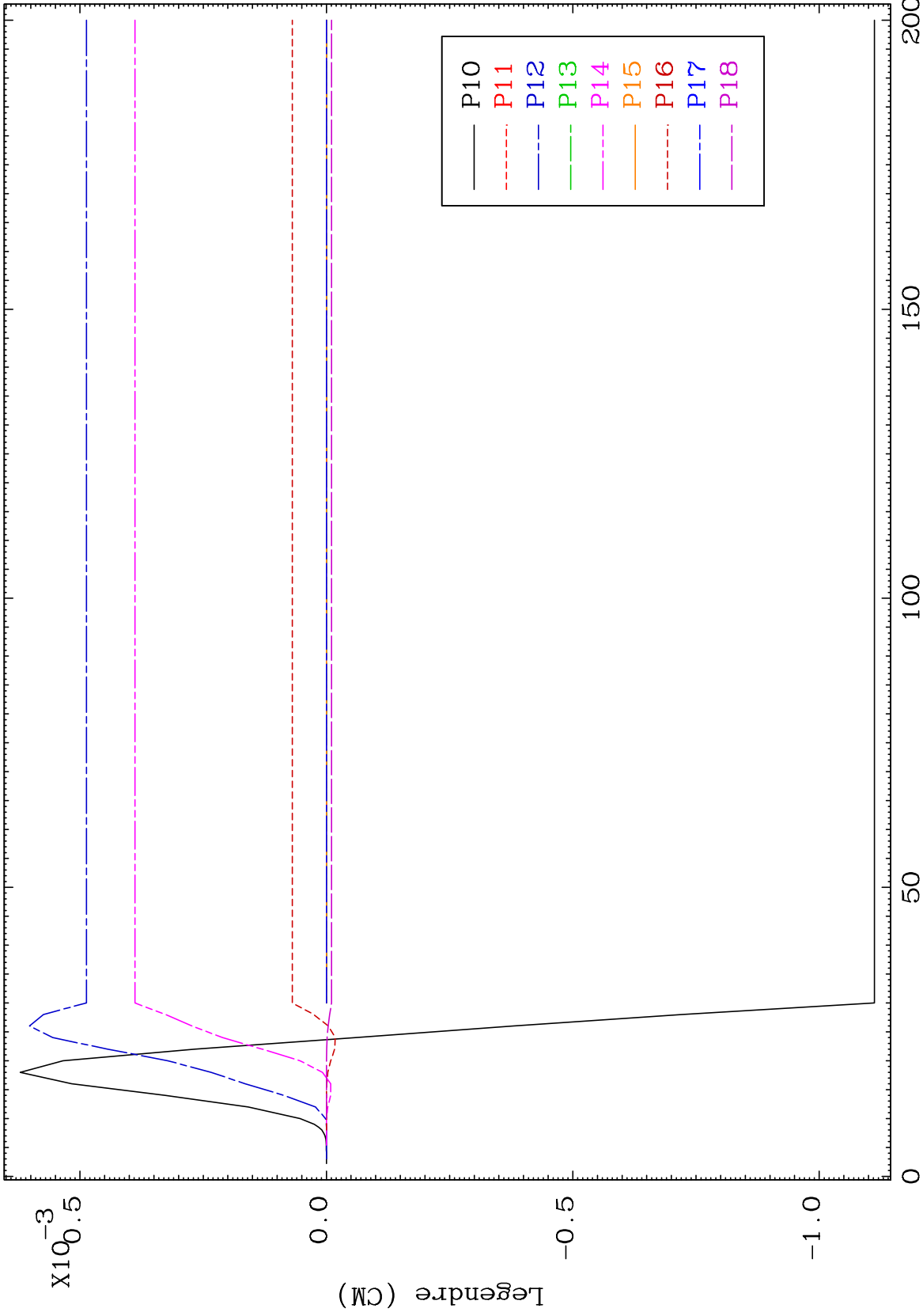


53 50-Sn-119

MAT 5046

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

50-Sn-119

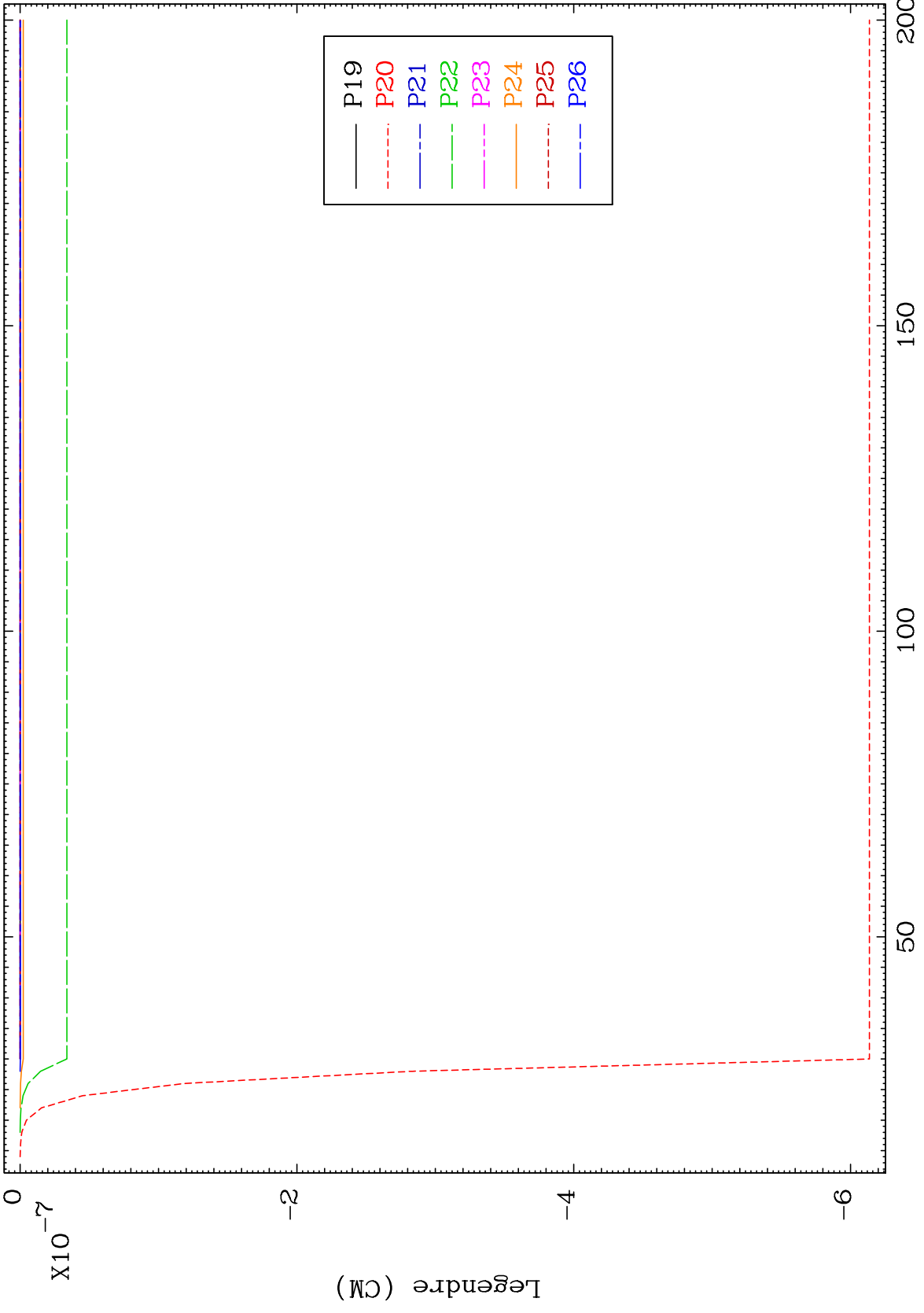


54

Incident Energy (MeV)

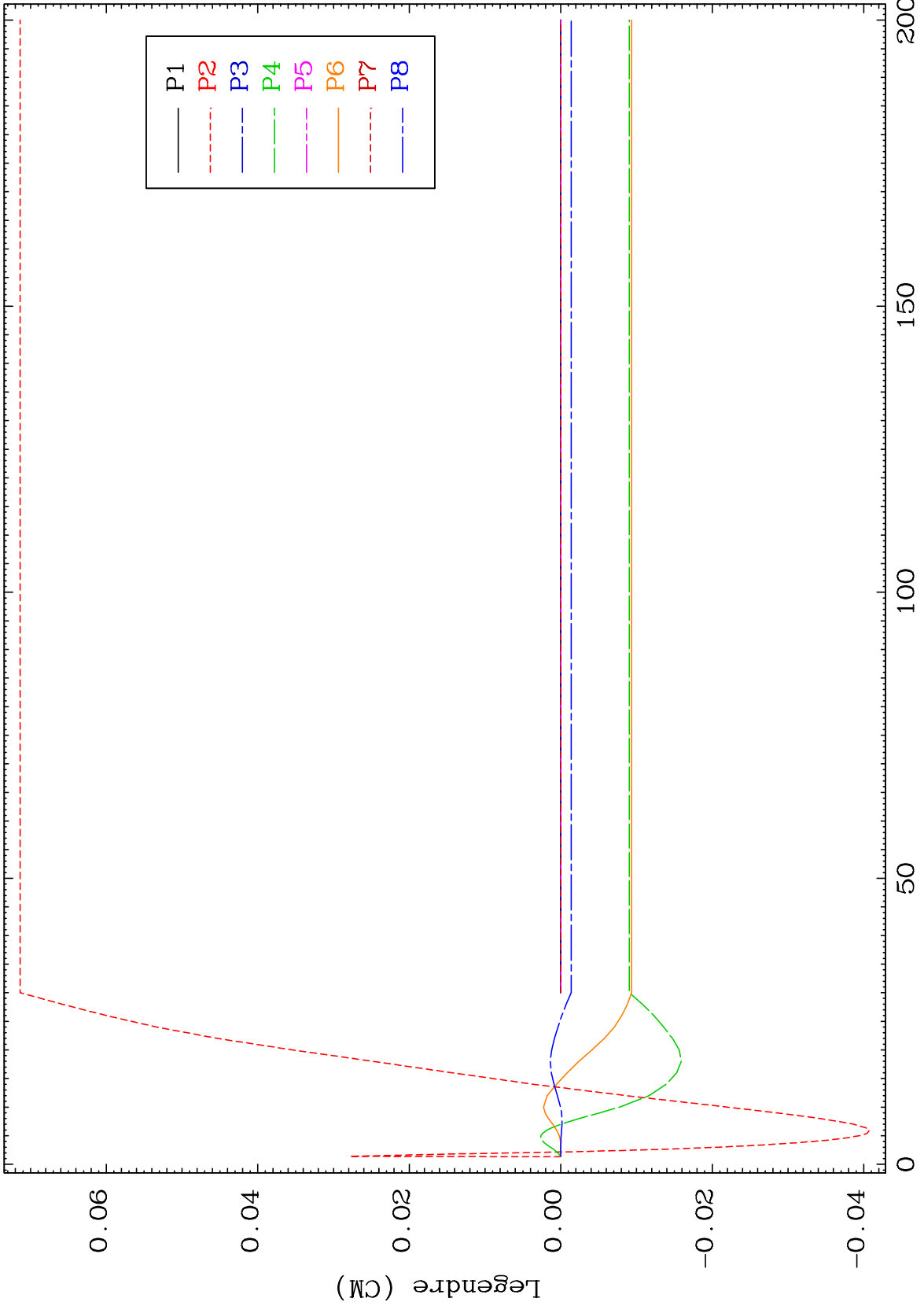
50-Sn-119

MAT 5046 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-119



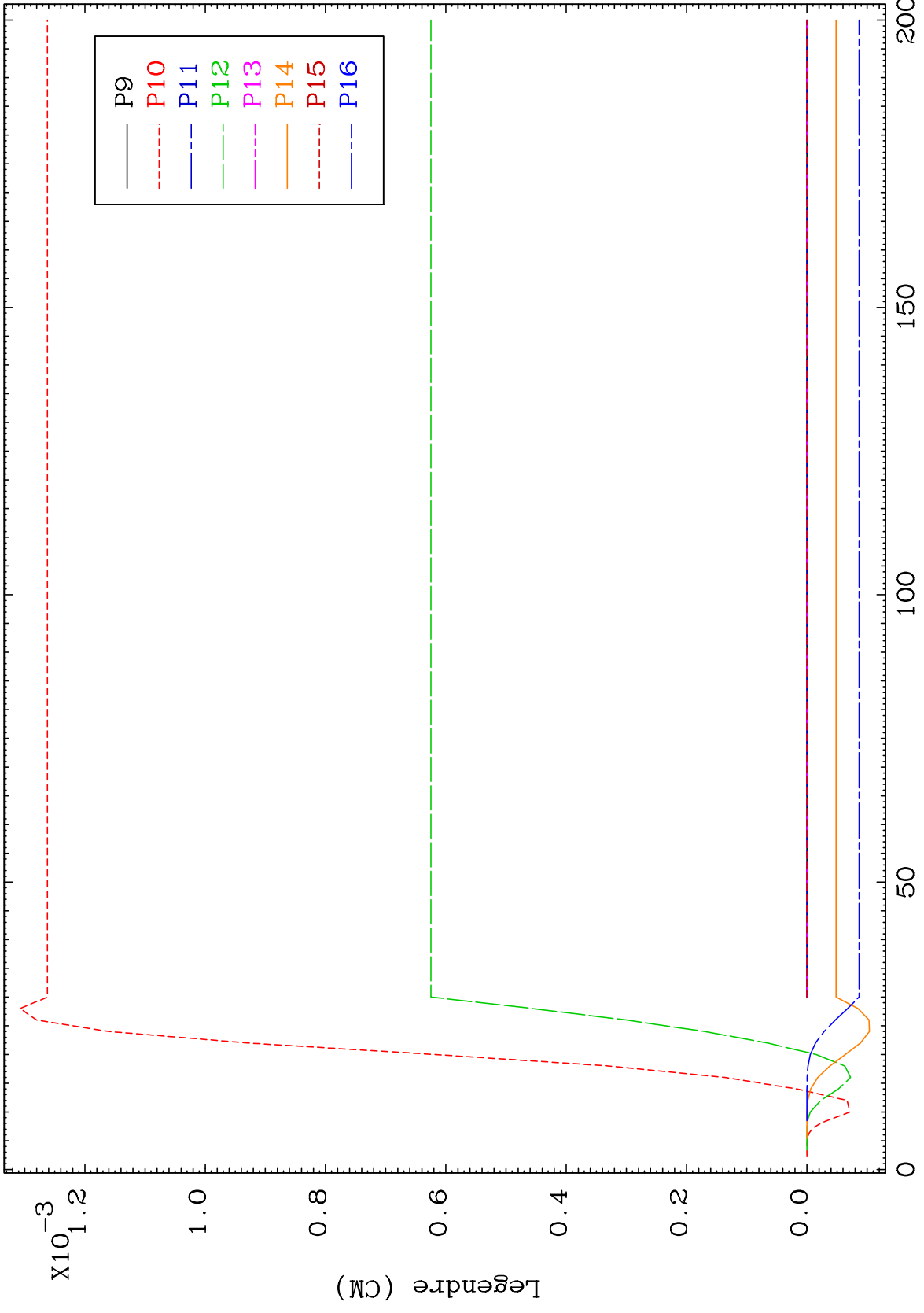
55 50-Sn-119

MAT 5046 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-119



56 50-Sn-119

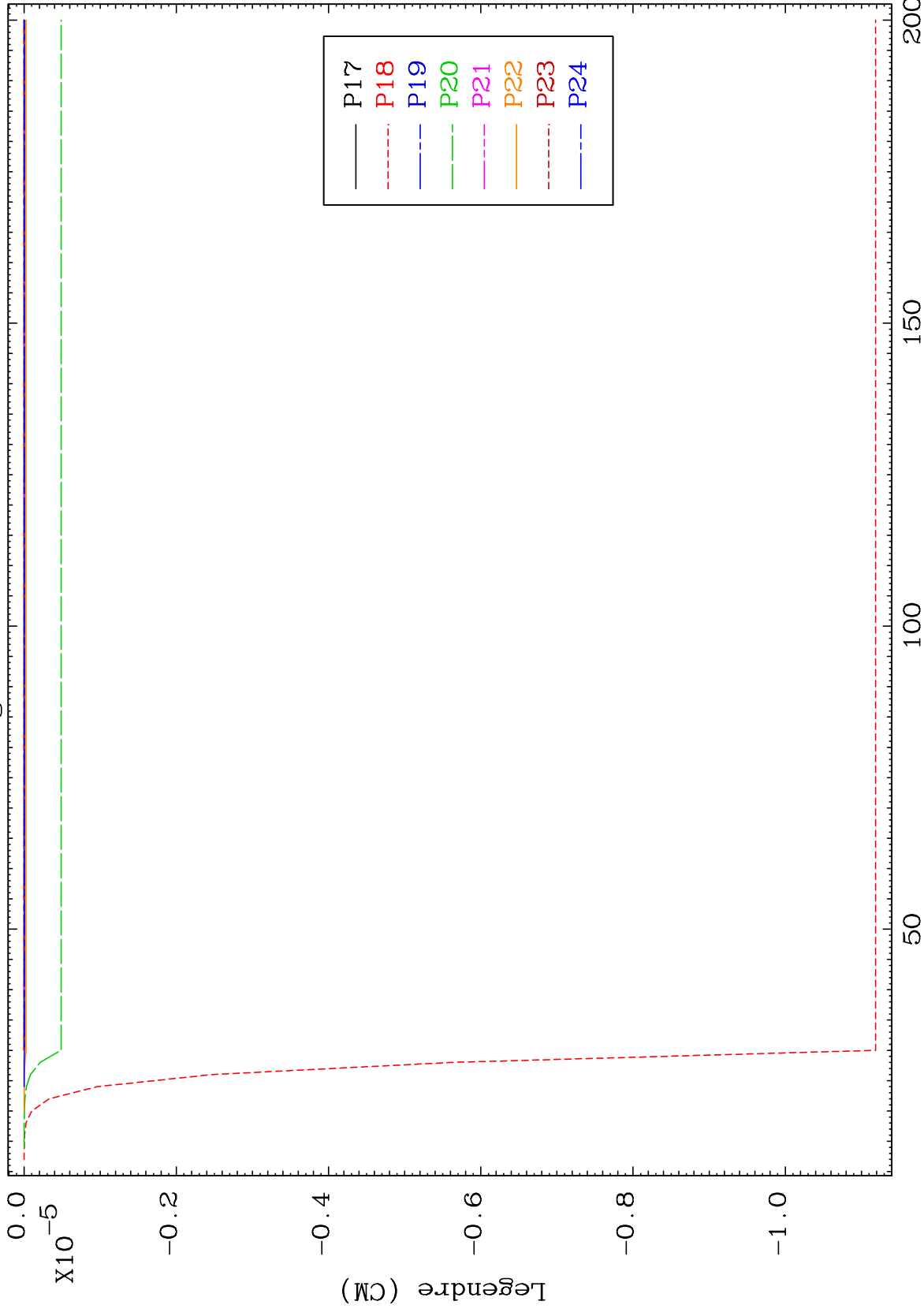
MAT 5046 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-119



MAT 5046

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

50-Sn-119



50-Sn-119

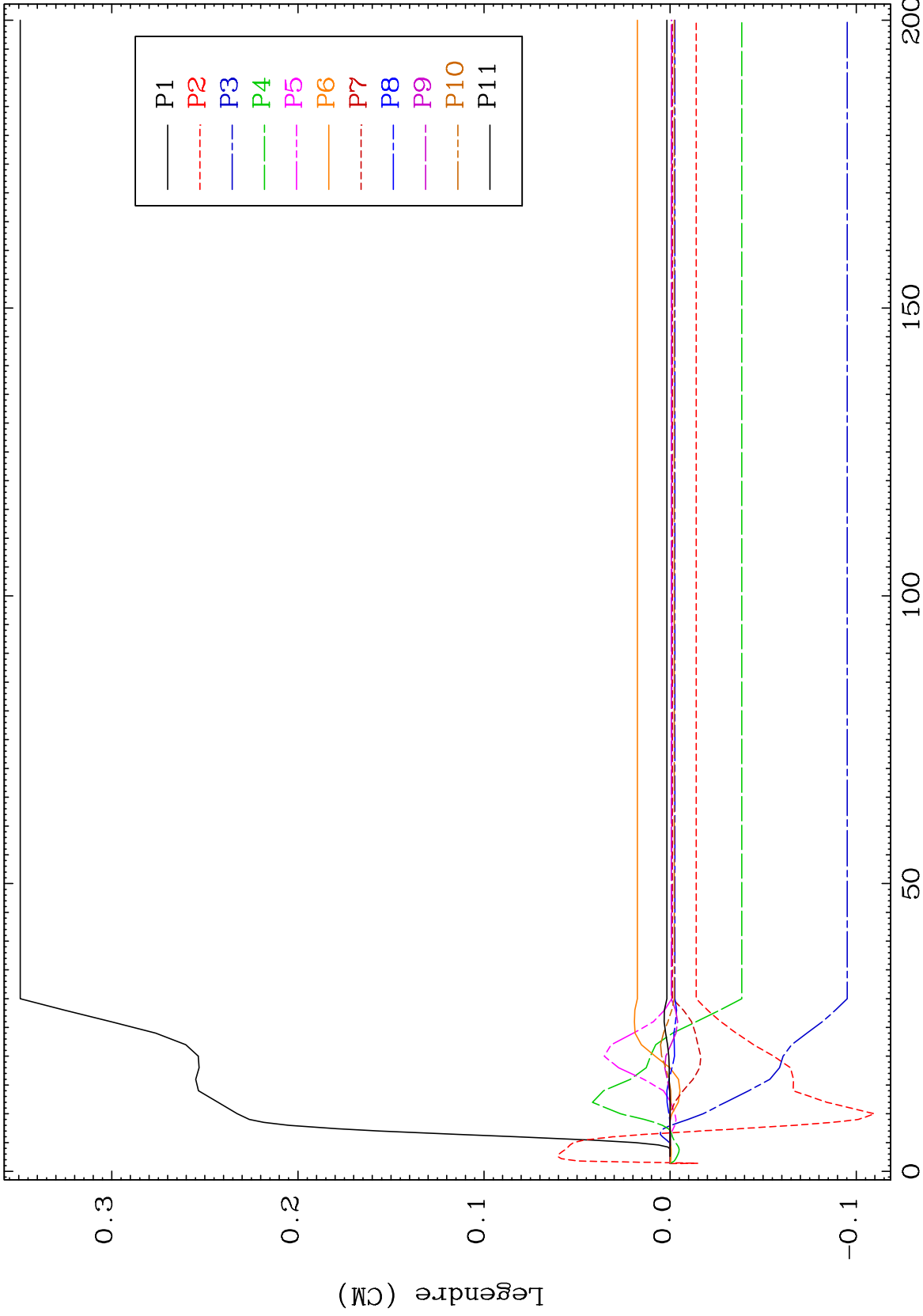
Incident Energy (MeV)

58

MAT 5046

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

50-Sn-119



59

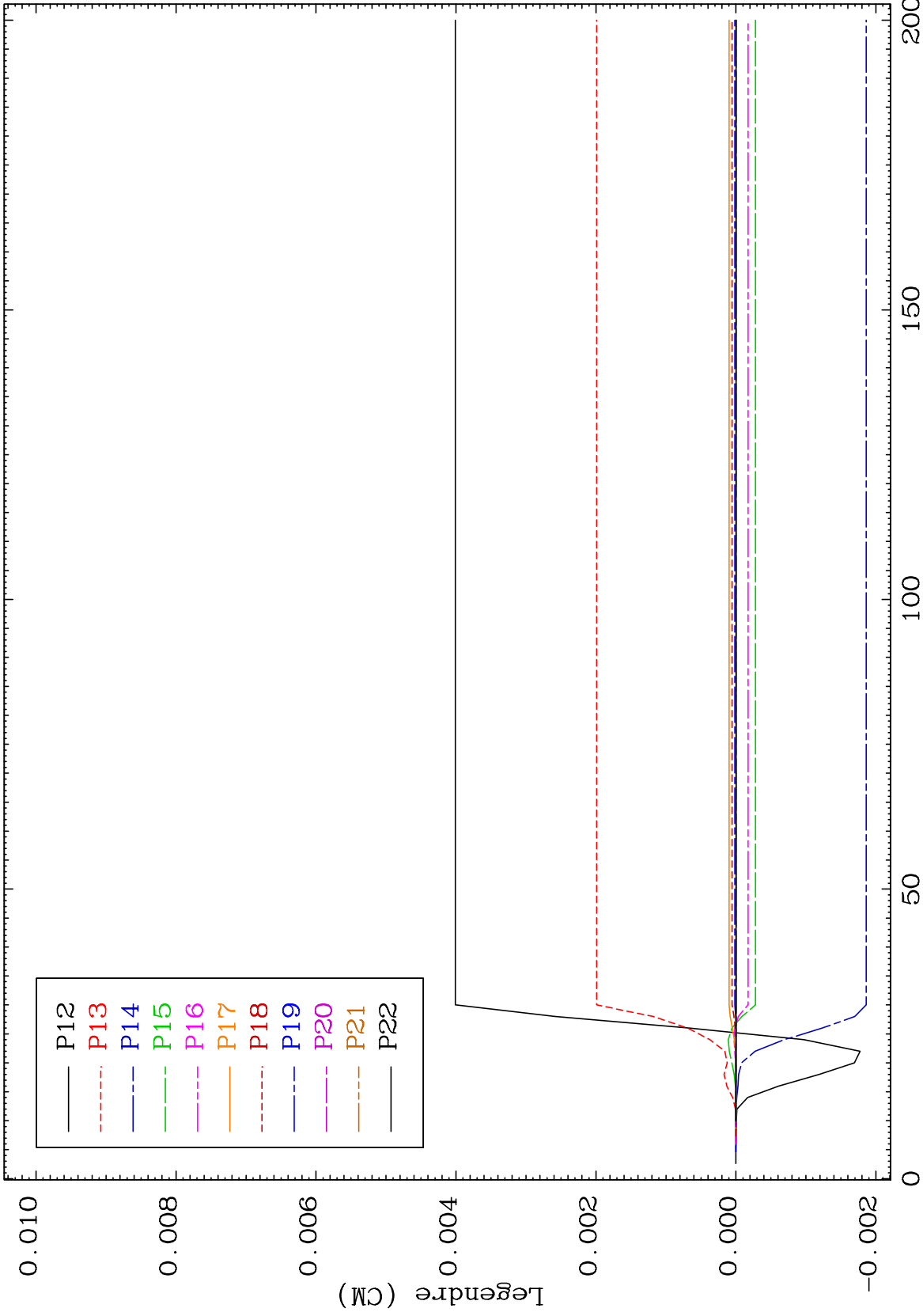
Incident Energy (MeV)

50-Sn-119

MAT 5046

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

50-Sn-119

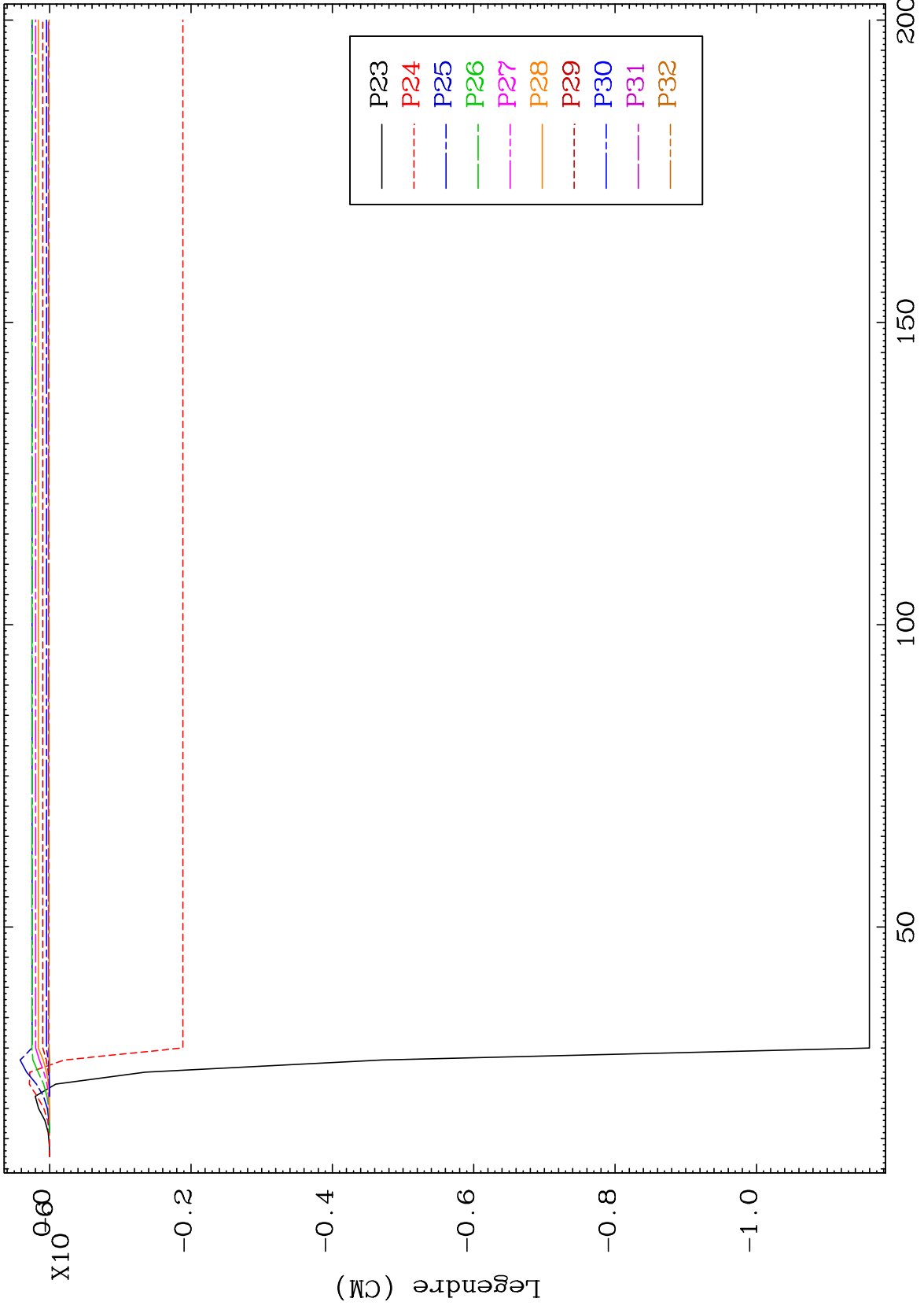


60

Incident Energy (MeV)

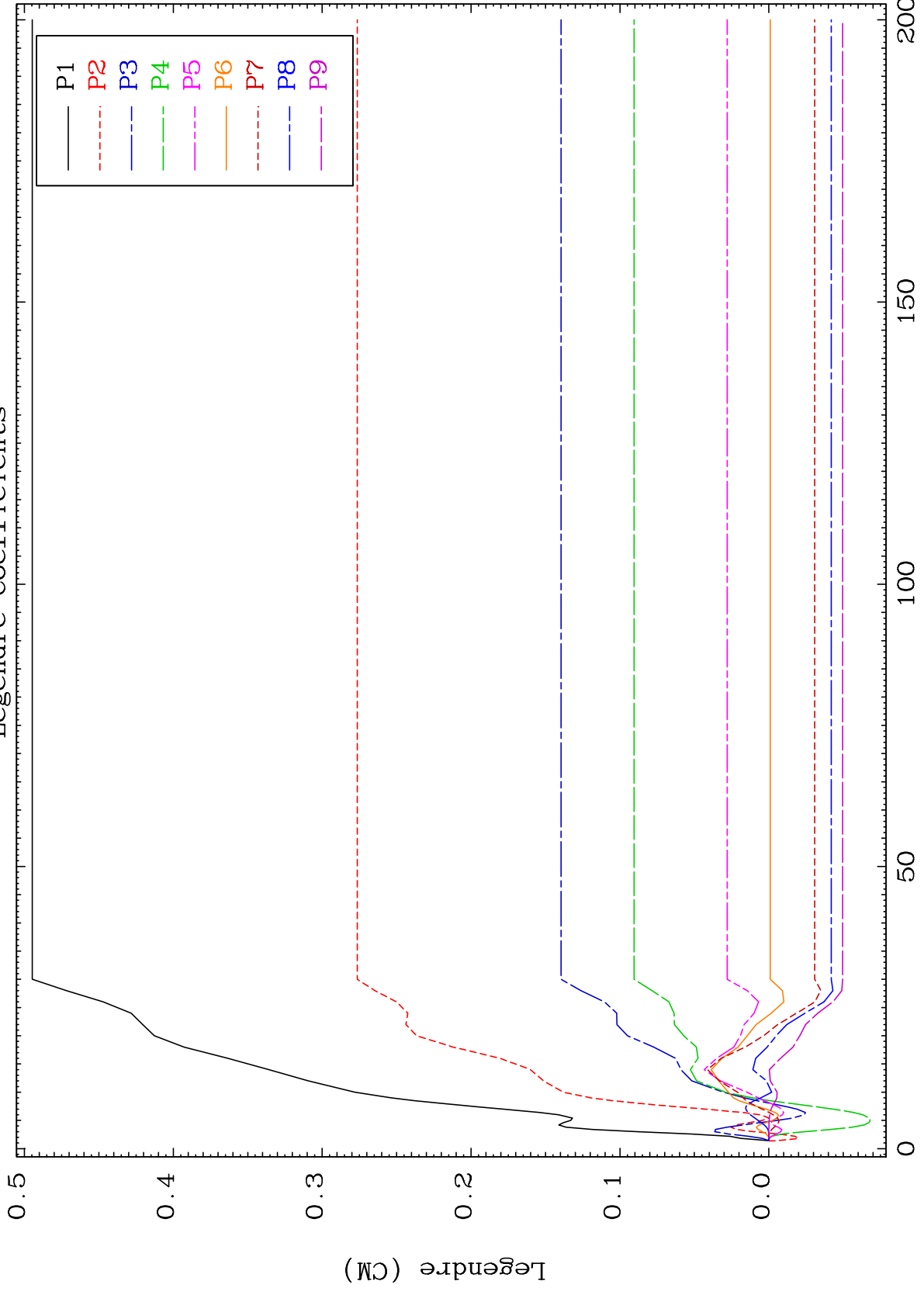
50-Sn-119

MAT 5046 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-119



61 50-Sn-119

MAT 5046 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-119

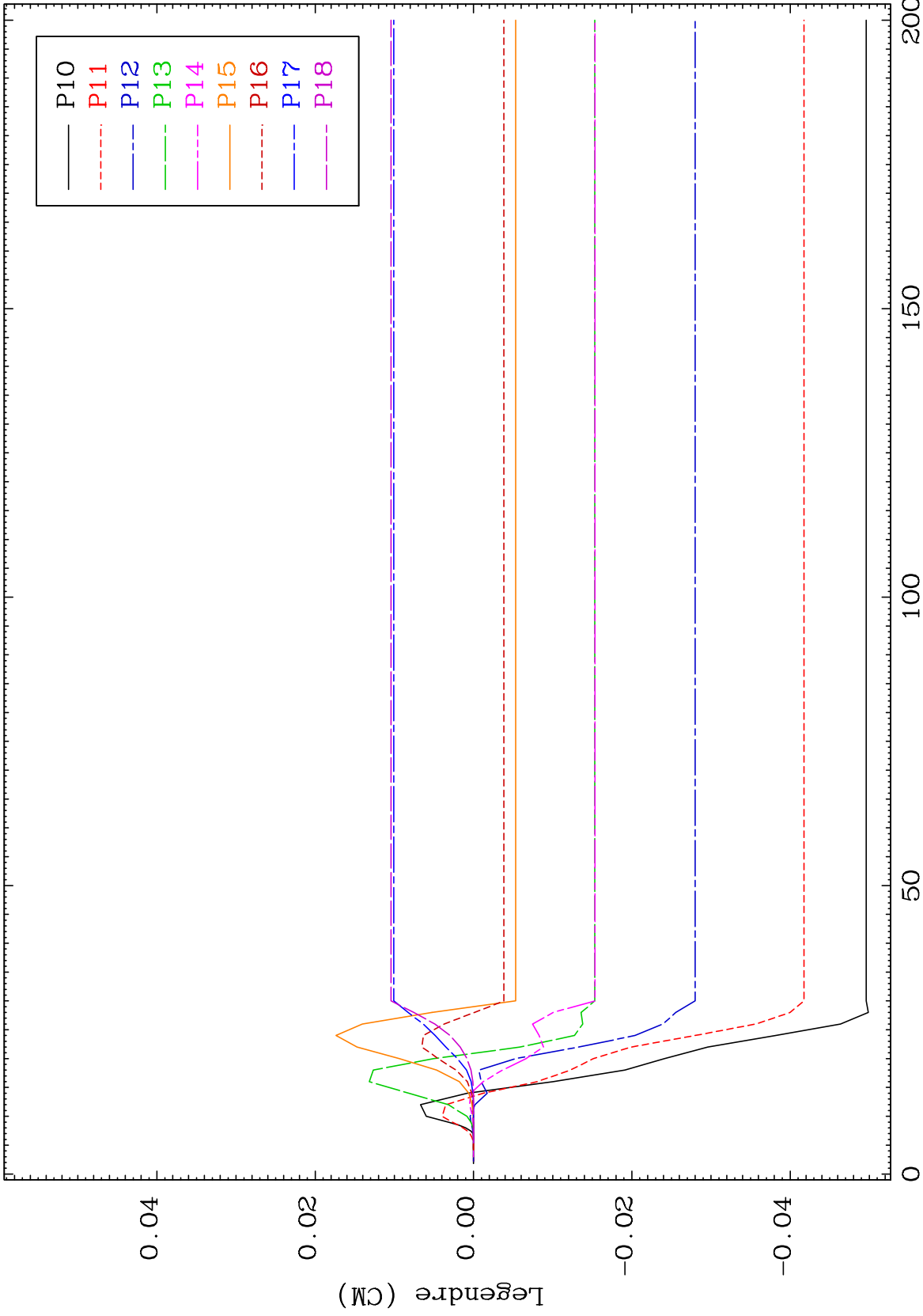


62 50-Sn-119

MAT 5046

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

50-Sn-119

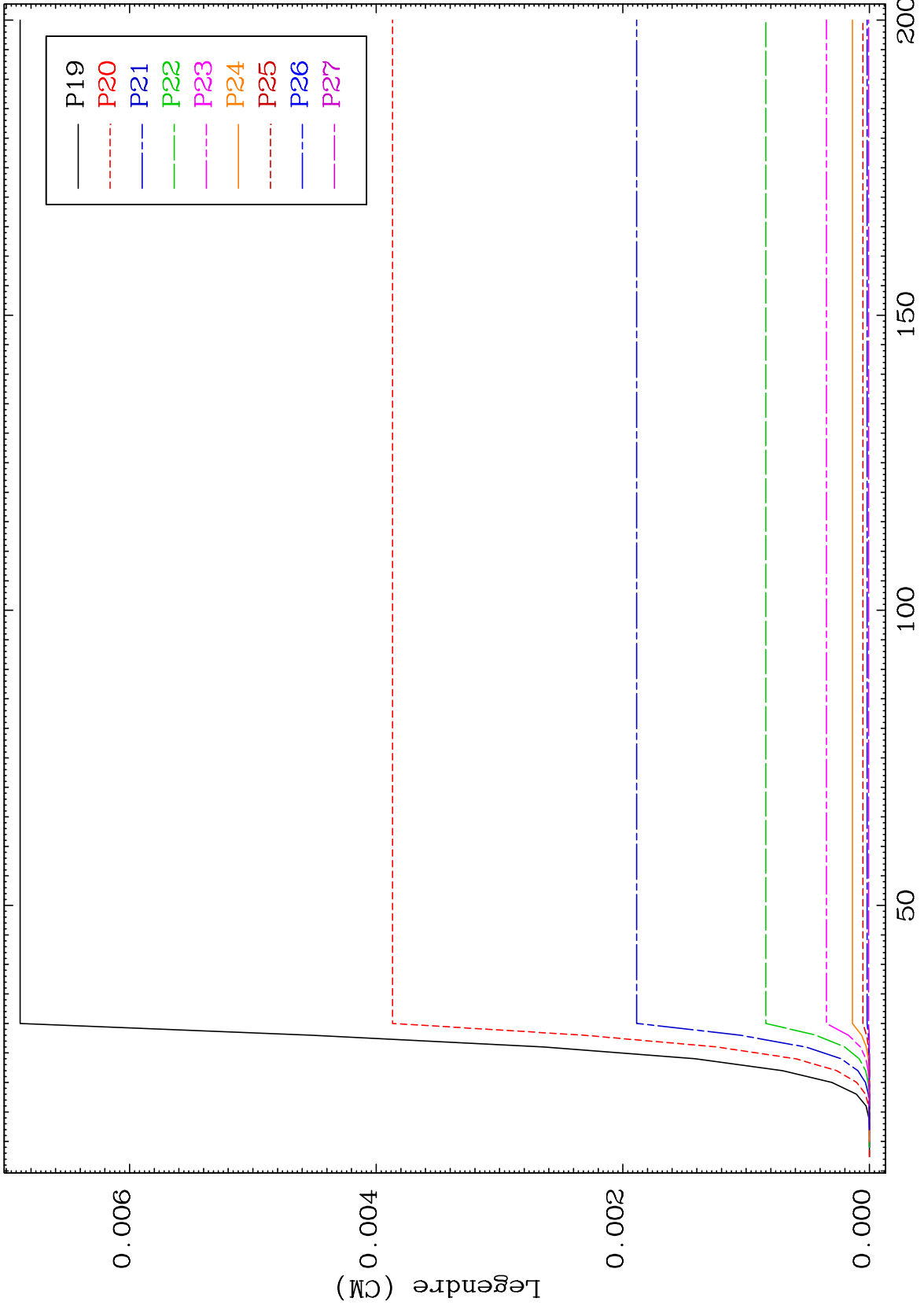


63

Incident Energy (MeV)

50-Sn-119

MAT 5046 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-119

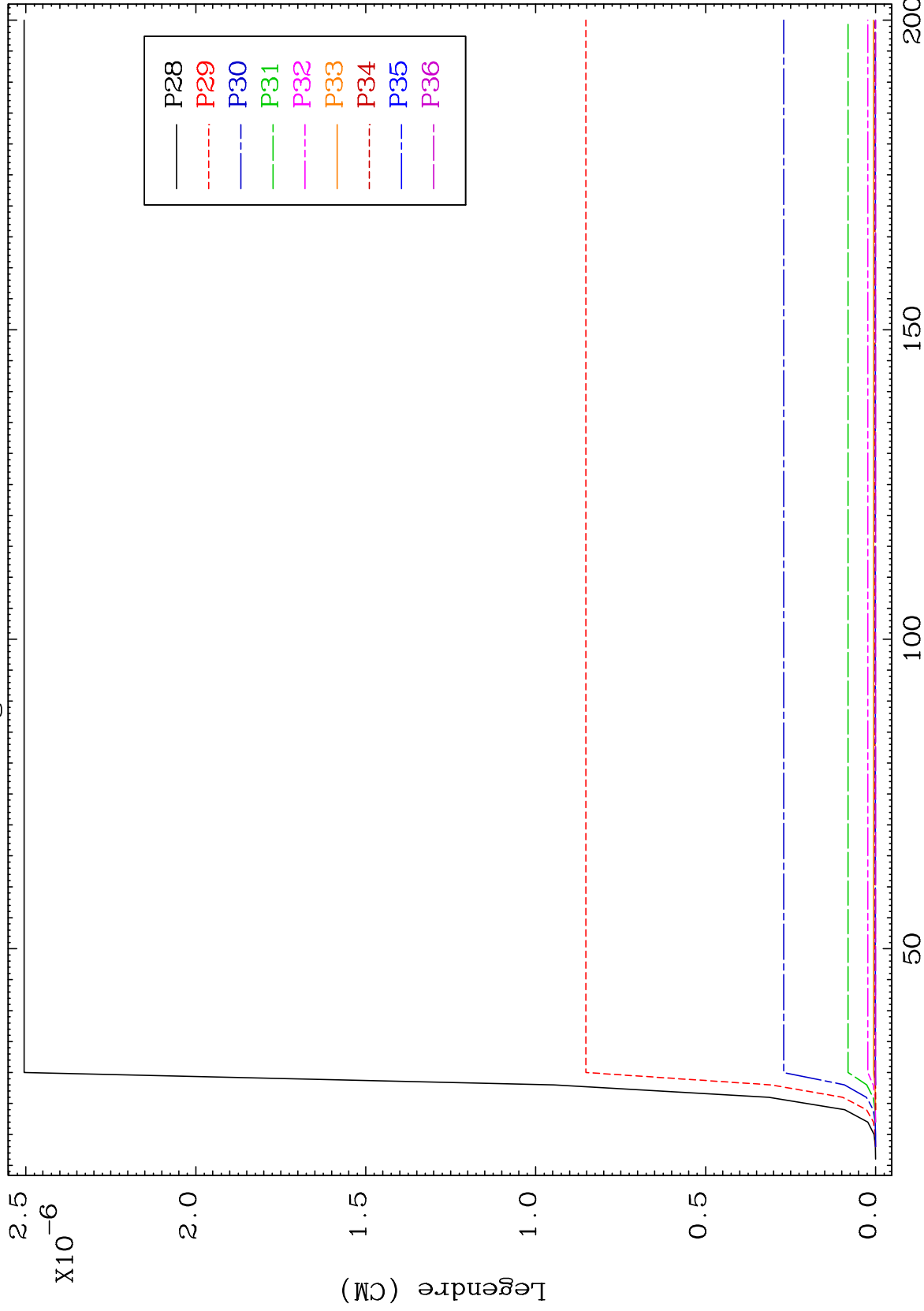


64 Incident Energy (MeV) 50-Sn-119

MAT 5046

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

50-Sn-119



65

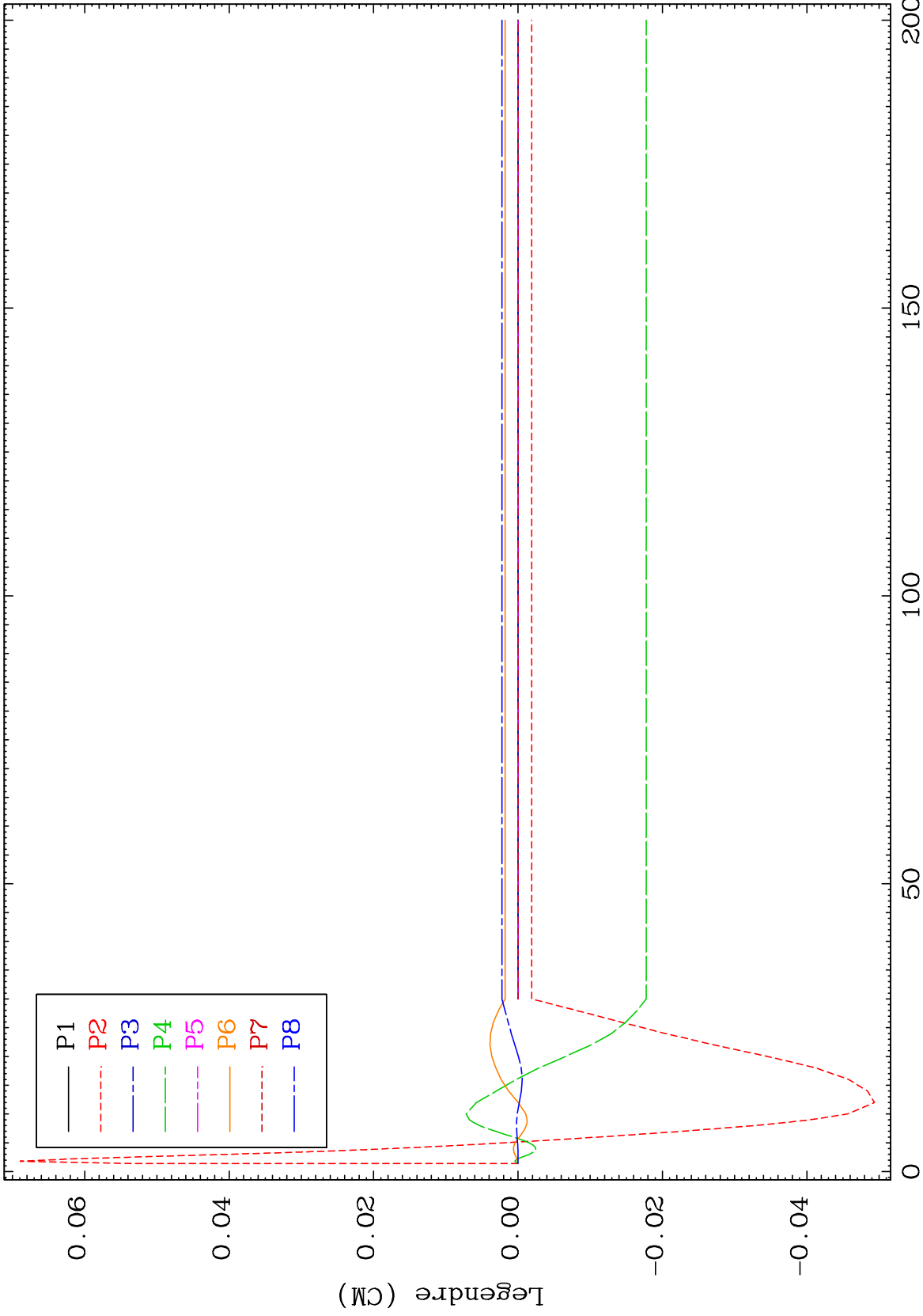
Incident Energy (MeV)

50-Sn-119

MAT 5046

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

50-Sn-119



66

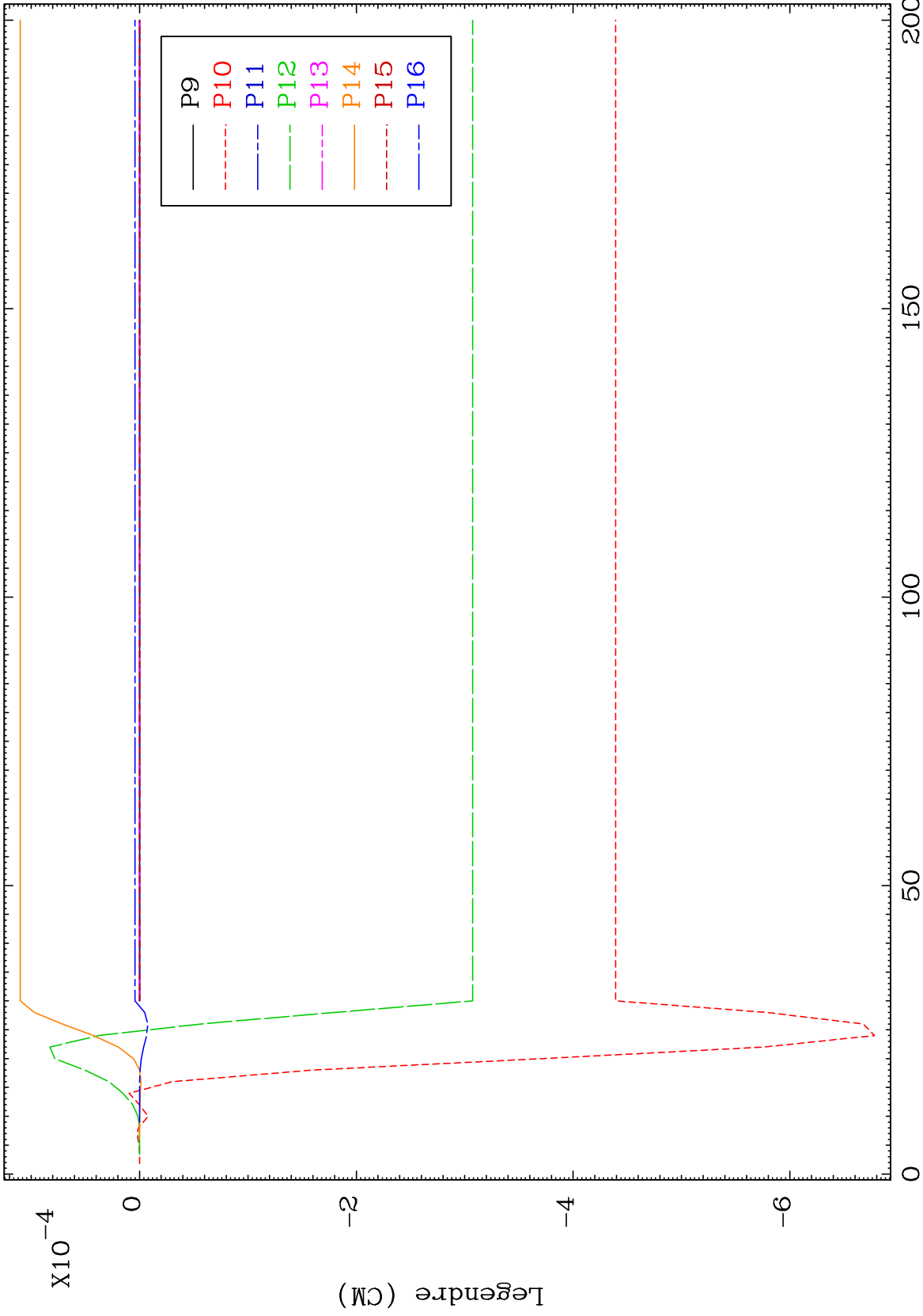
Incident Energy (MeV)

50-Sn-119

MAT 5046

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

50-Sn-119



67

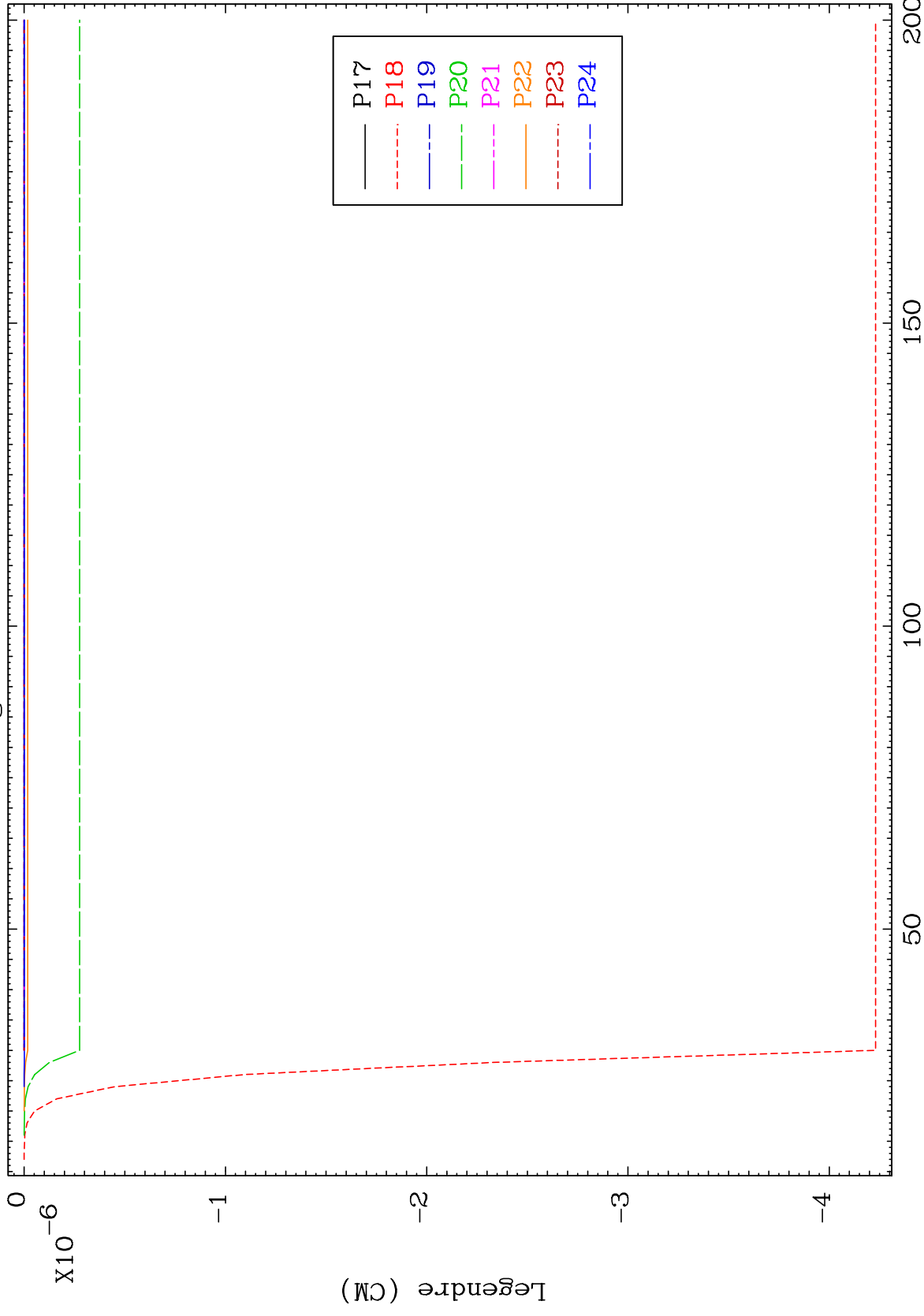
Incident Energy (MeV)

50-Sn-119

MAT 5046

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

50-Sn-119

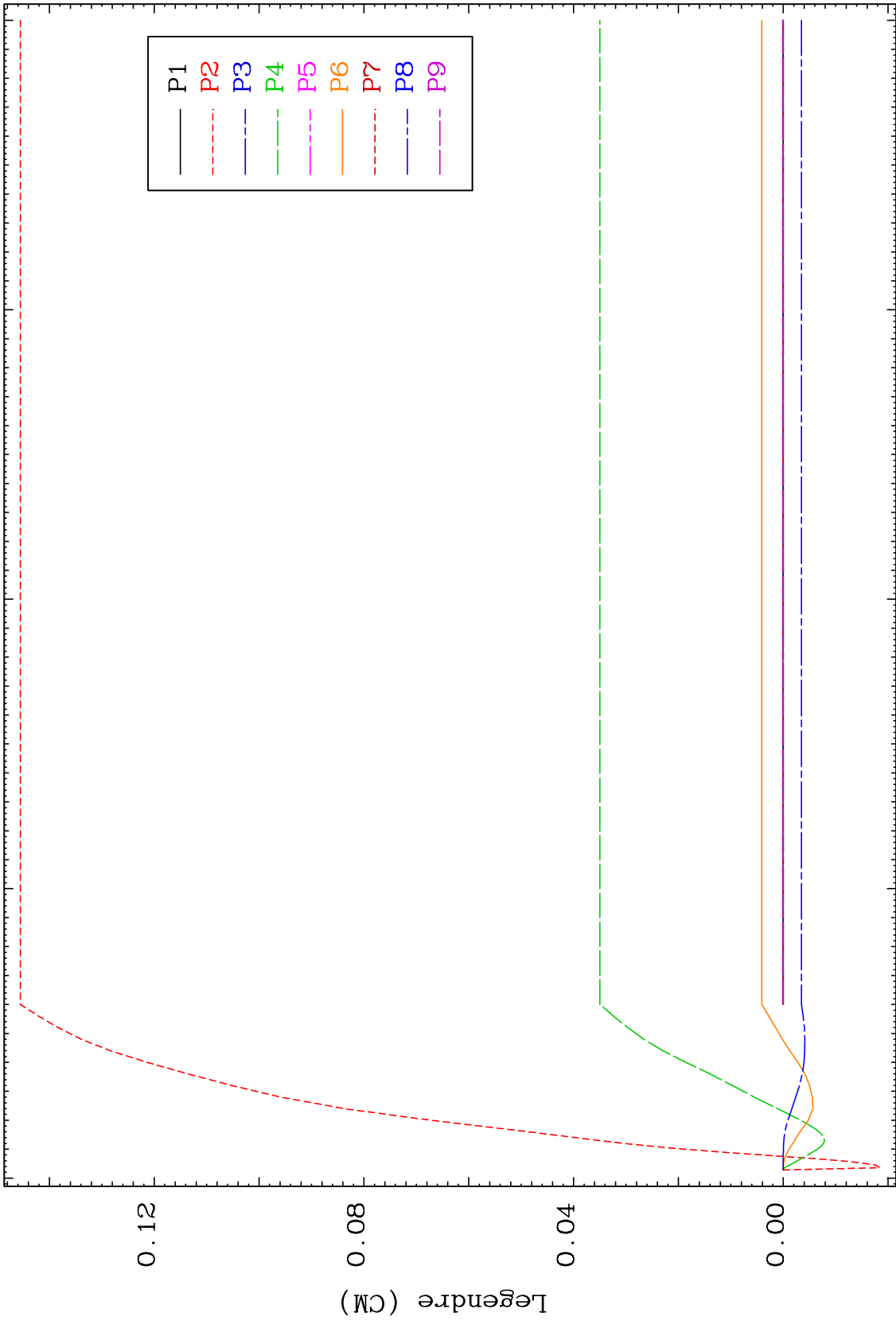


50-Sn-119

Incident Energy (MeV)

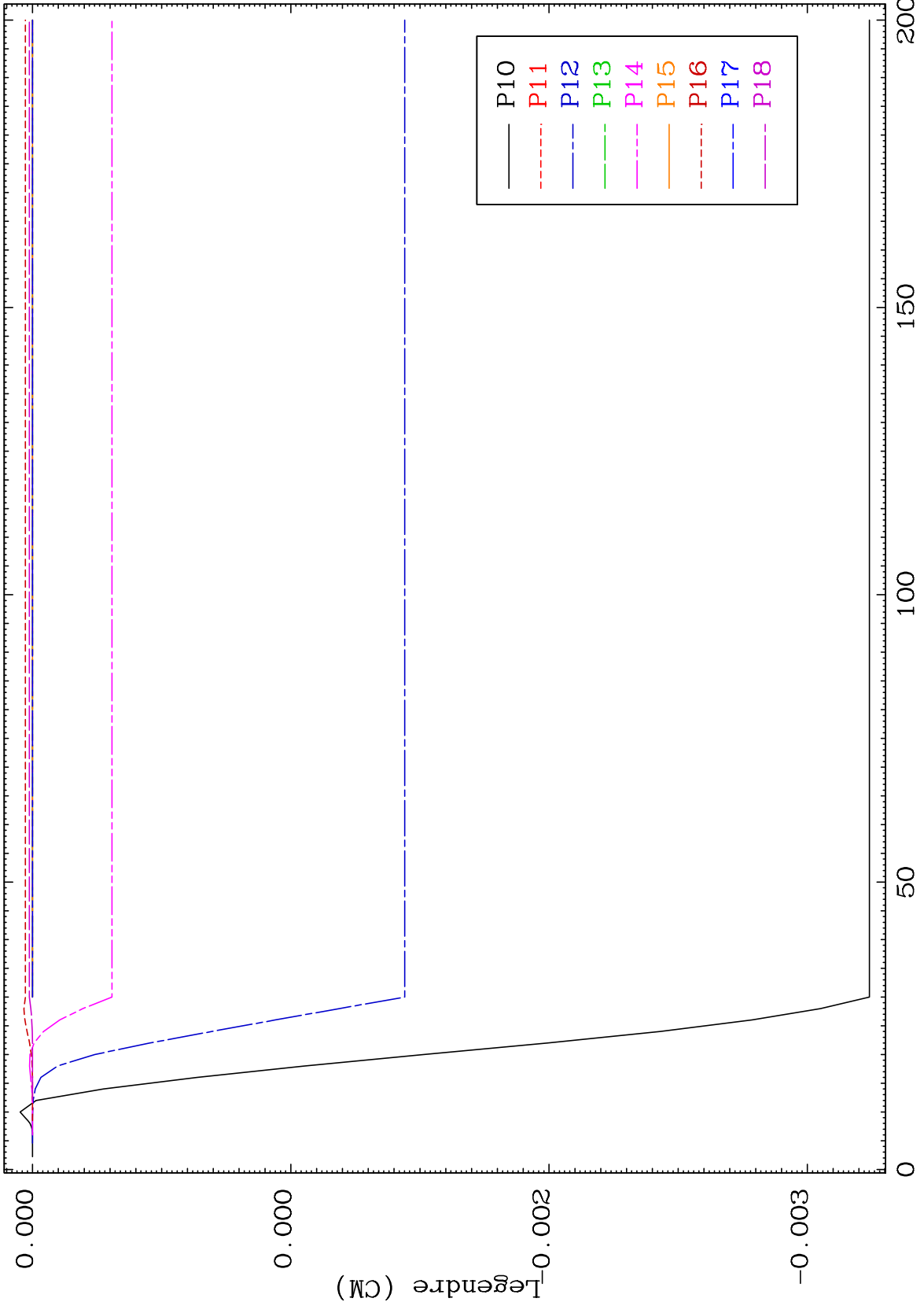
68

MAT 5046 MT= 67 (n,n') Level Legendre Coefficients 50-Sn-119



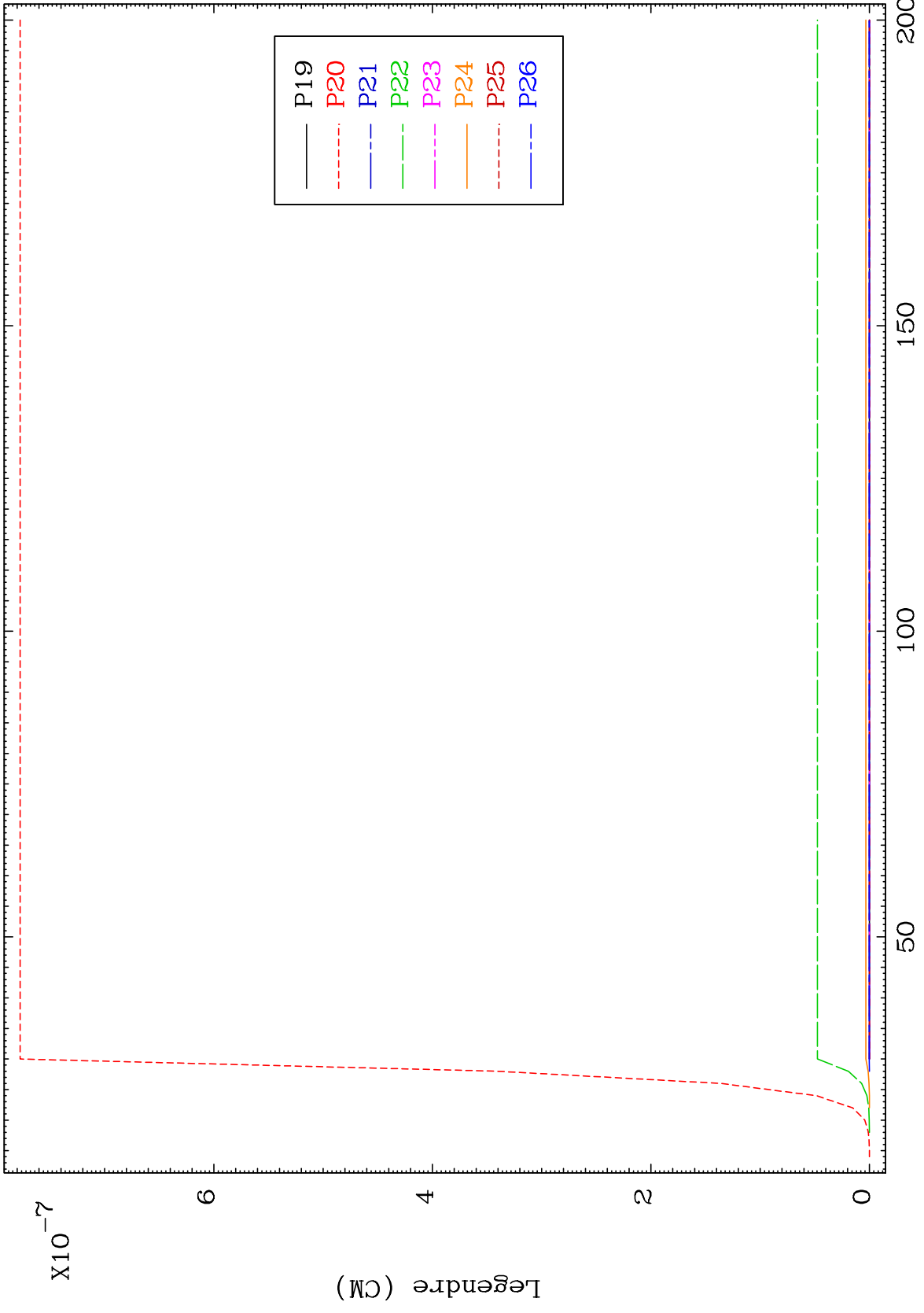
69 50-Sn-119

MAT 5046 MT= 67 (n,n') Level Legendre Coefficients 50-Sn-119



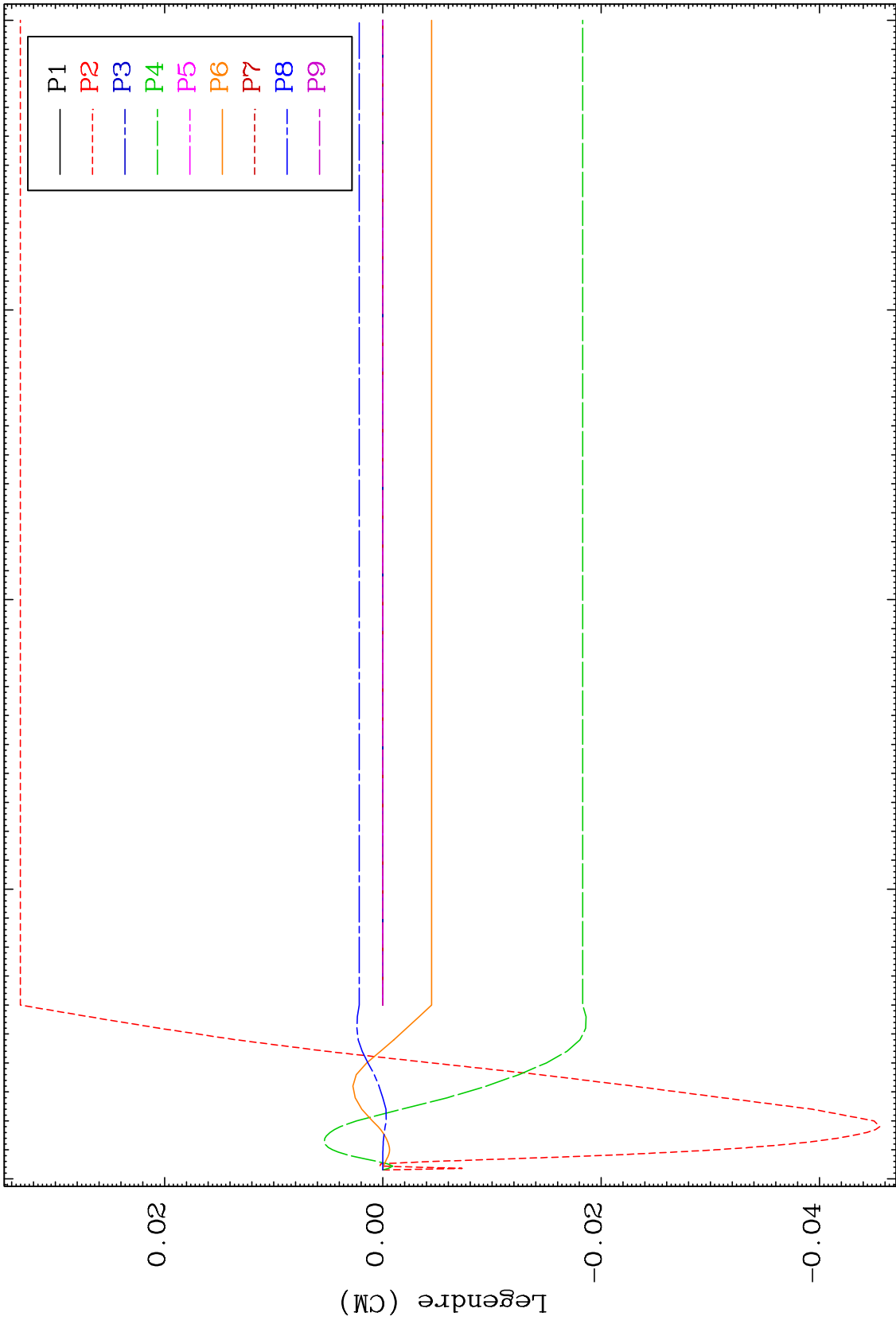
70 Incident Energy (MeV) 50-Sn-119

MAT 5046 MT= 67 (n,n') Level Legendre Coefficients 50-Sn-119



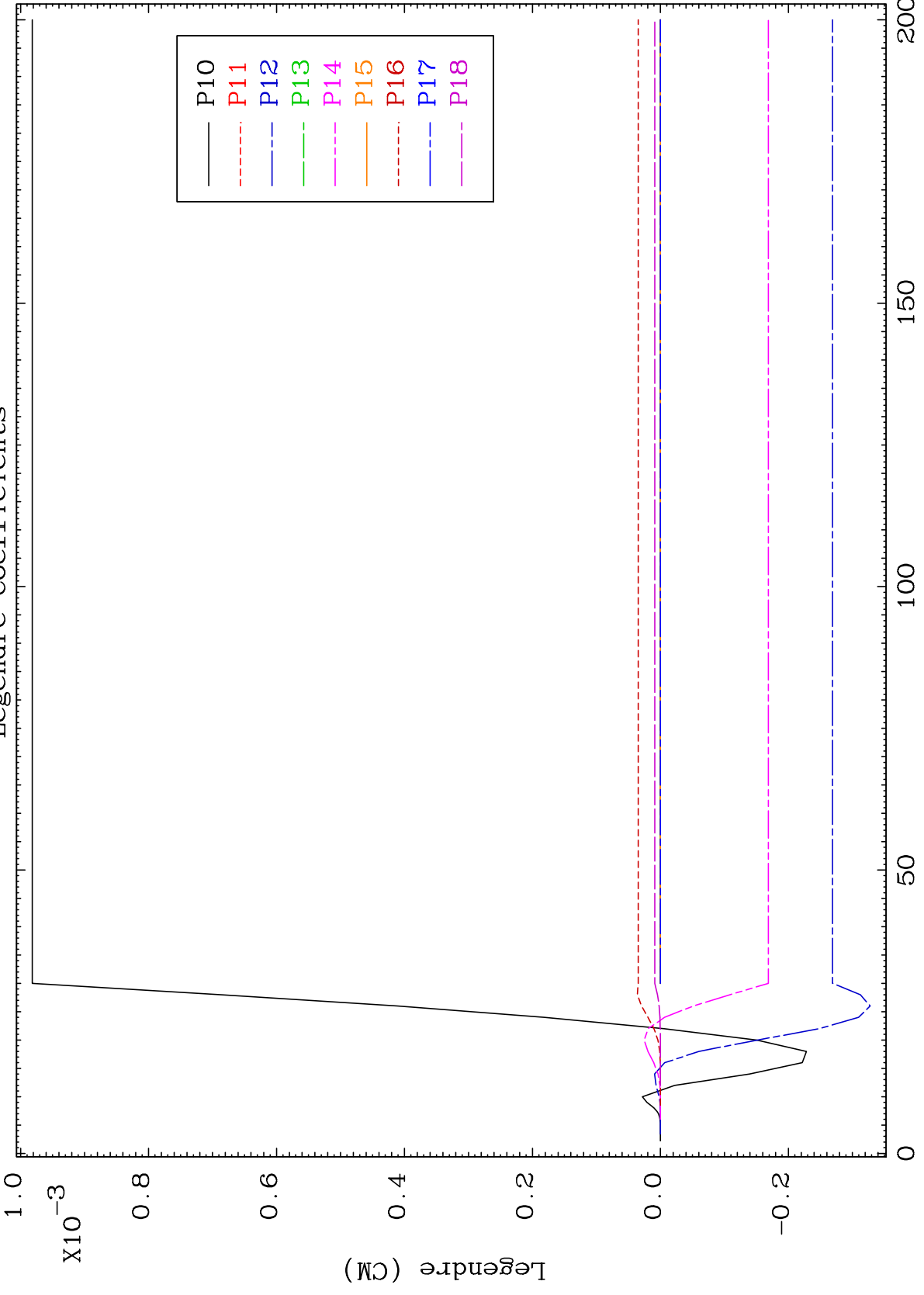
71 50-Sn-119

MAT 5046 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-119

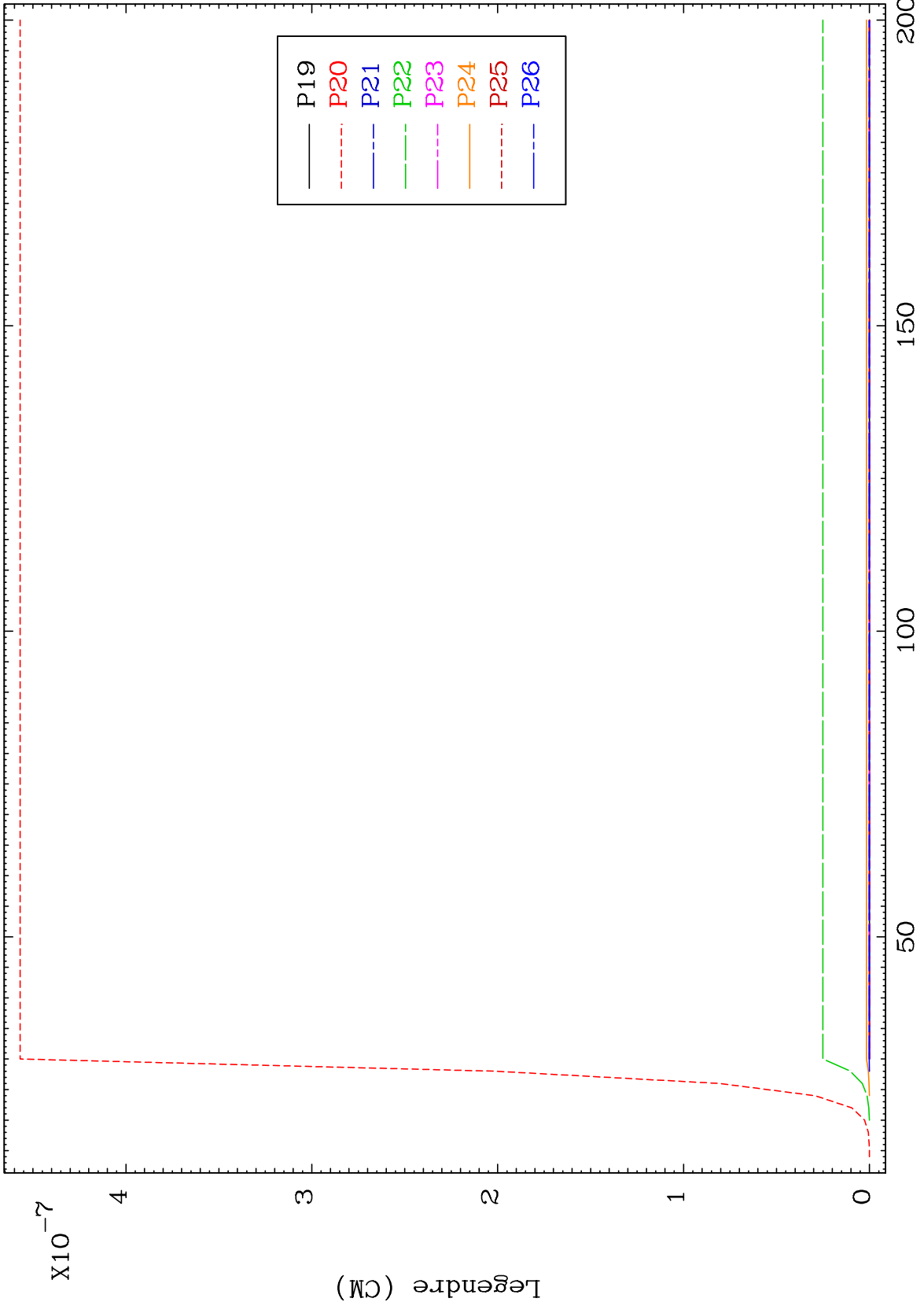


72 50-Sn-119

MAT 5046 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-119

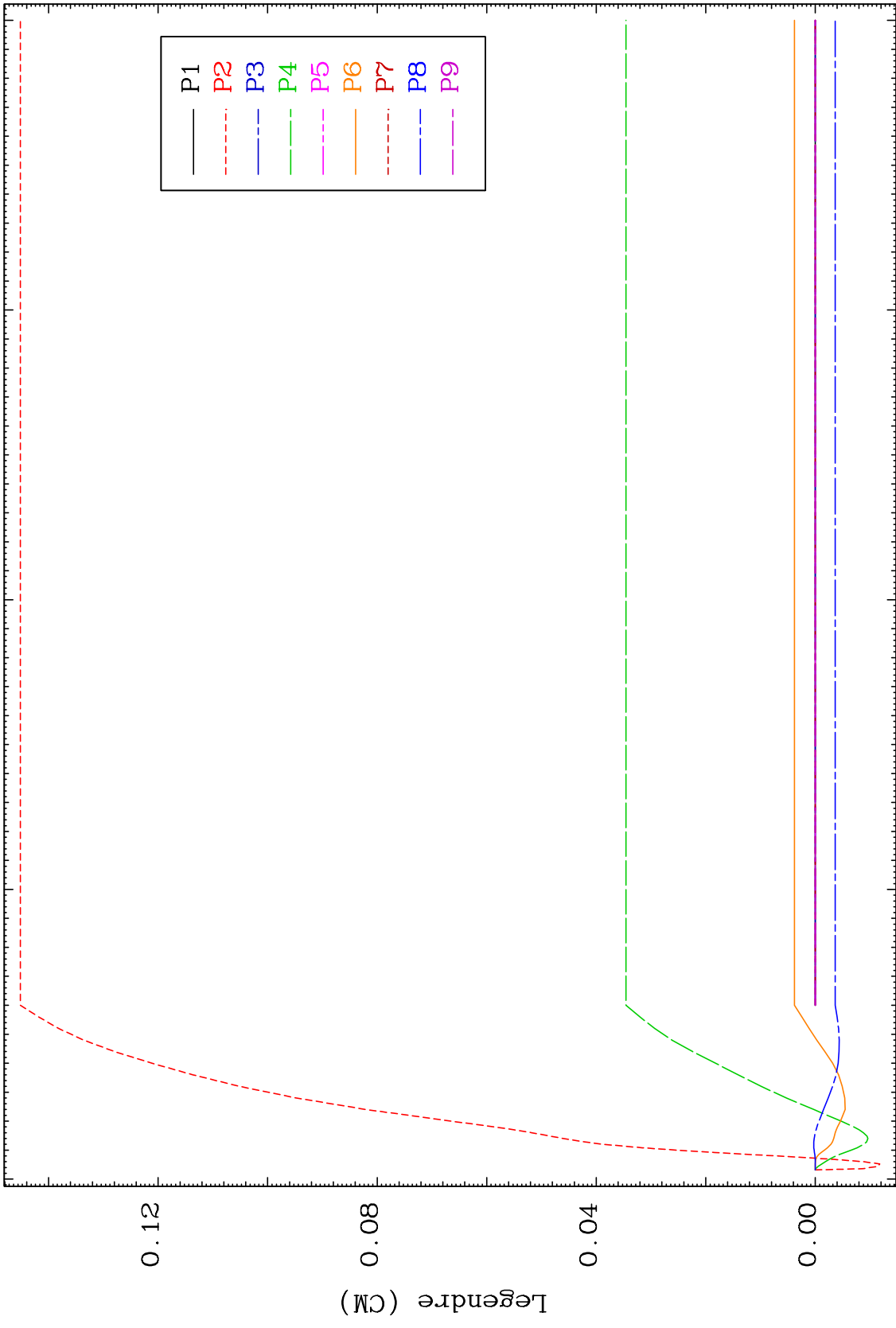


MAT 5046 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-119



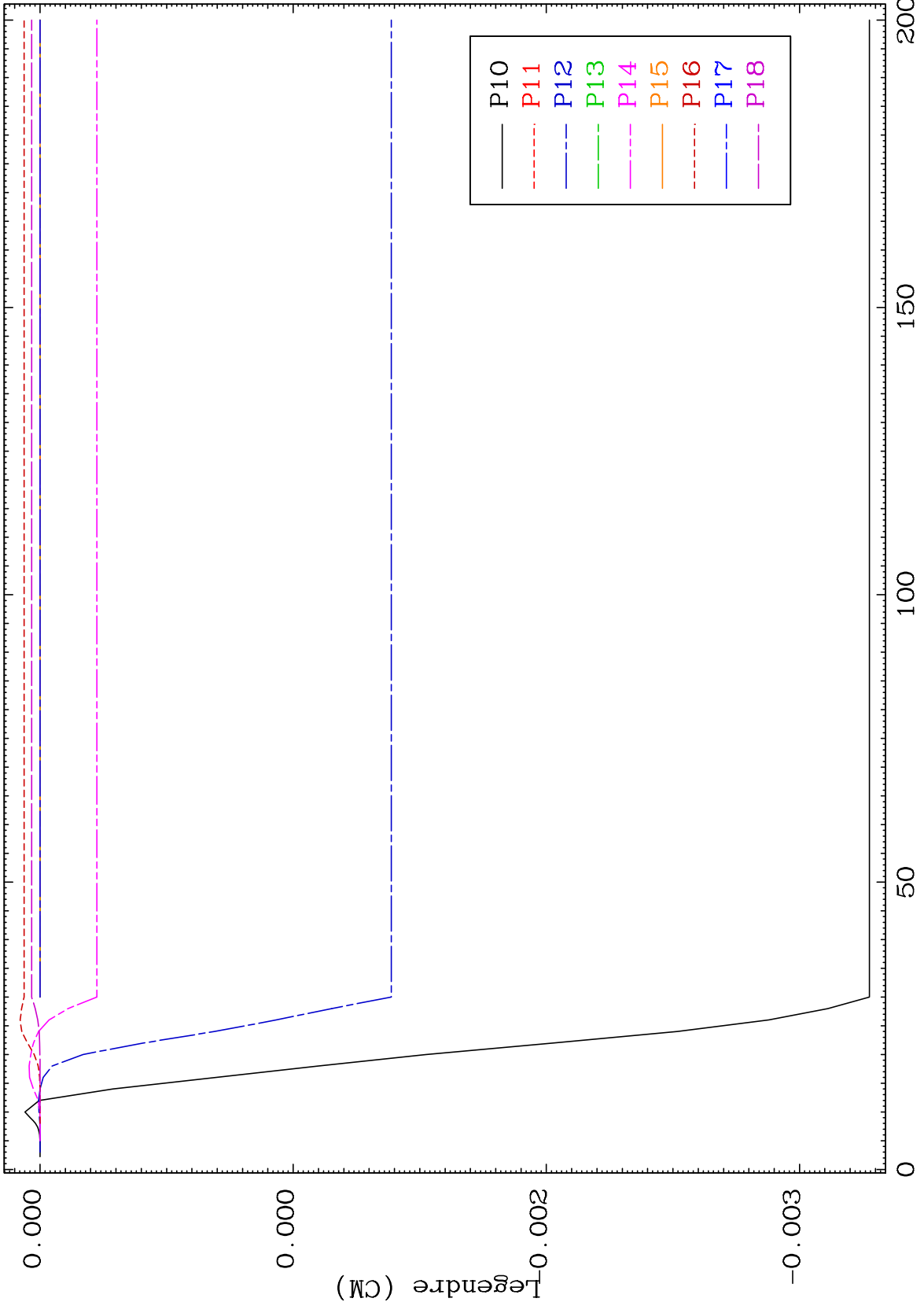
74 50-Sn-119

MAT 5046 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-119



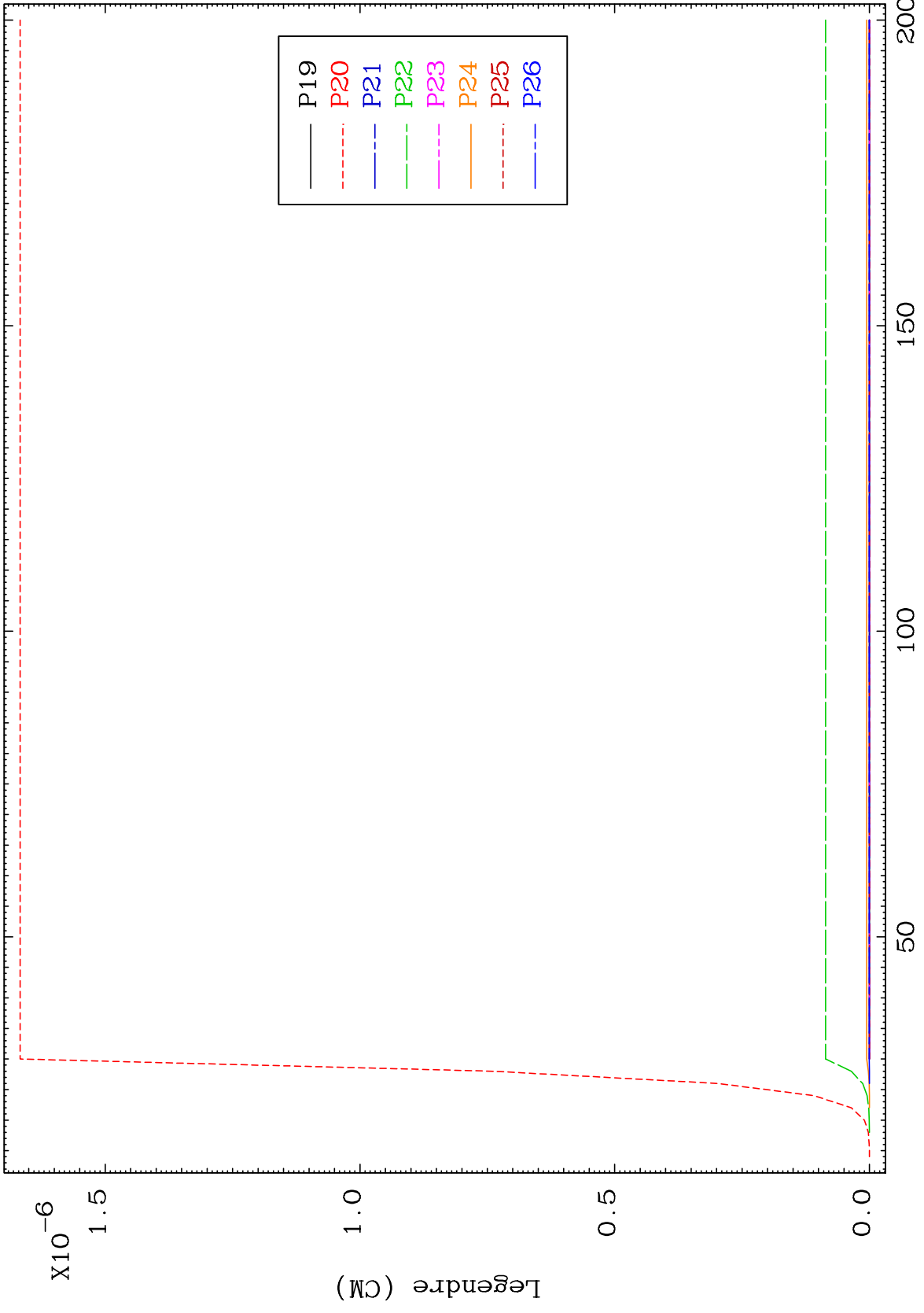
Legendre (CM) Incident Energy (MeV) 50-Sn-119

MAT 5046 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-119

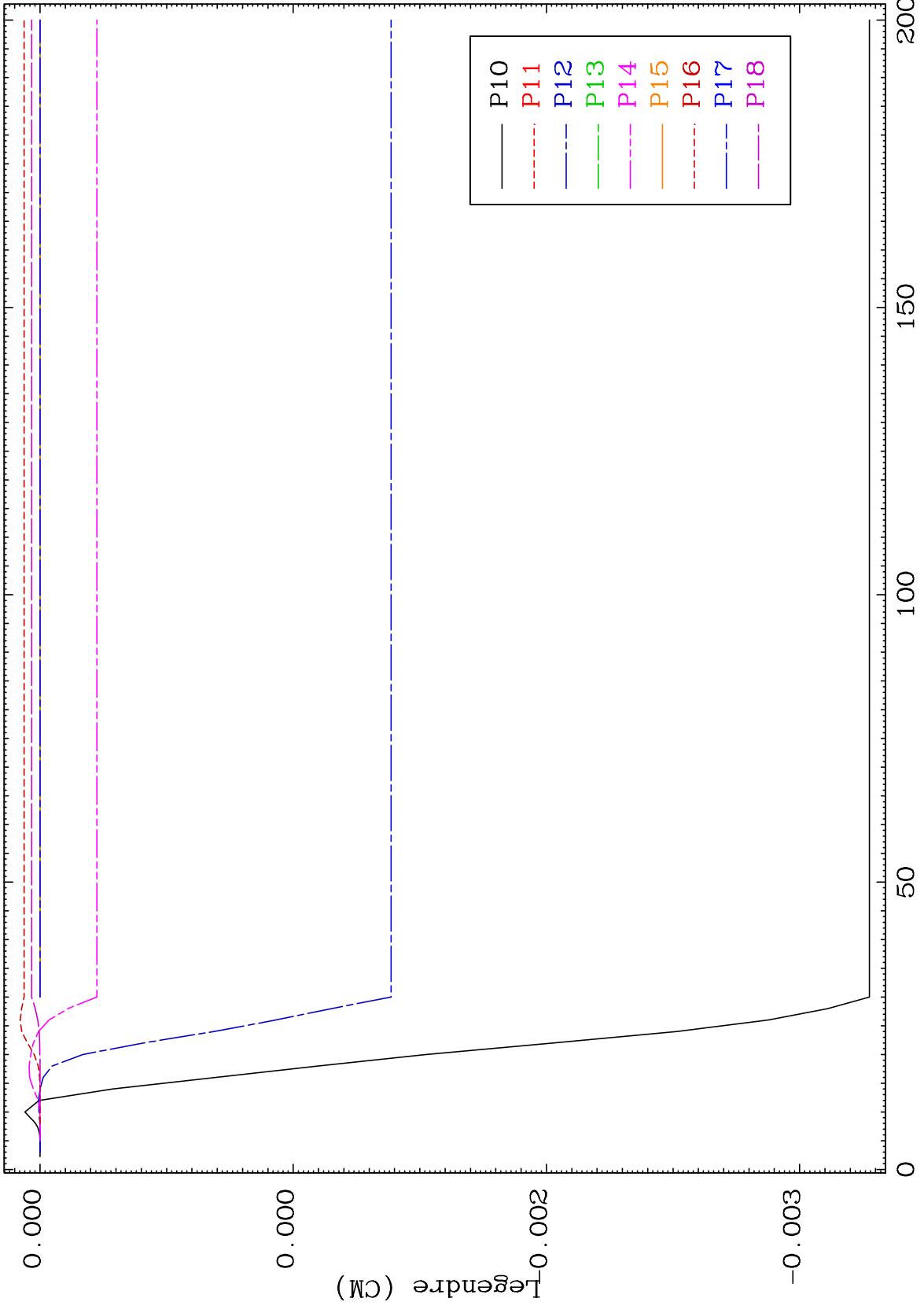


76 50-Sn-119

MAT 5046 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-119

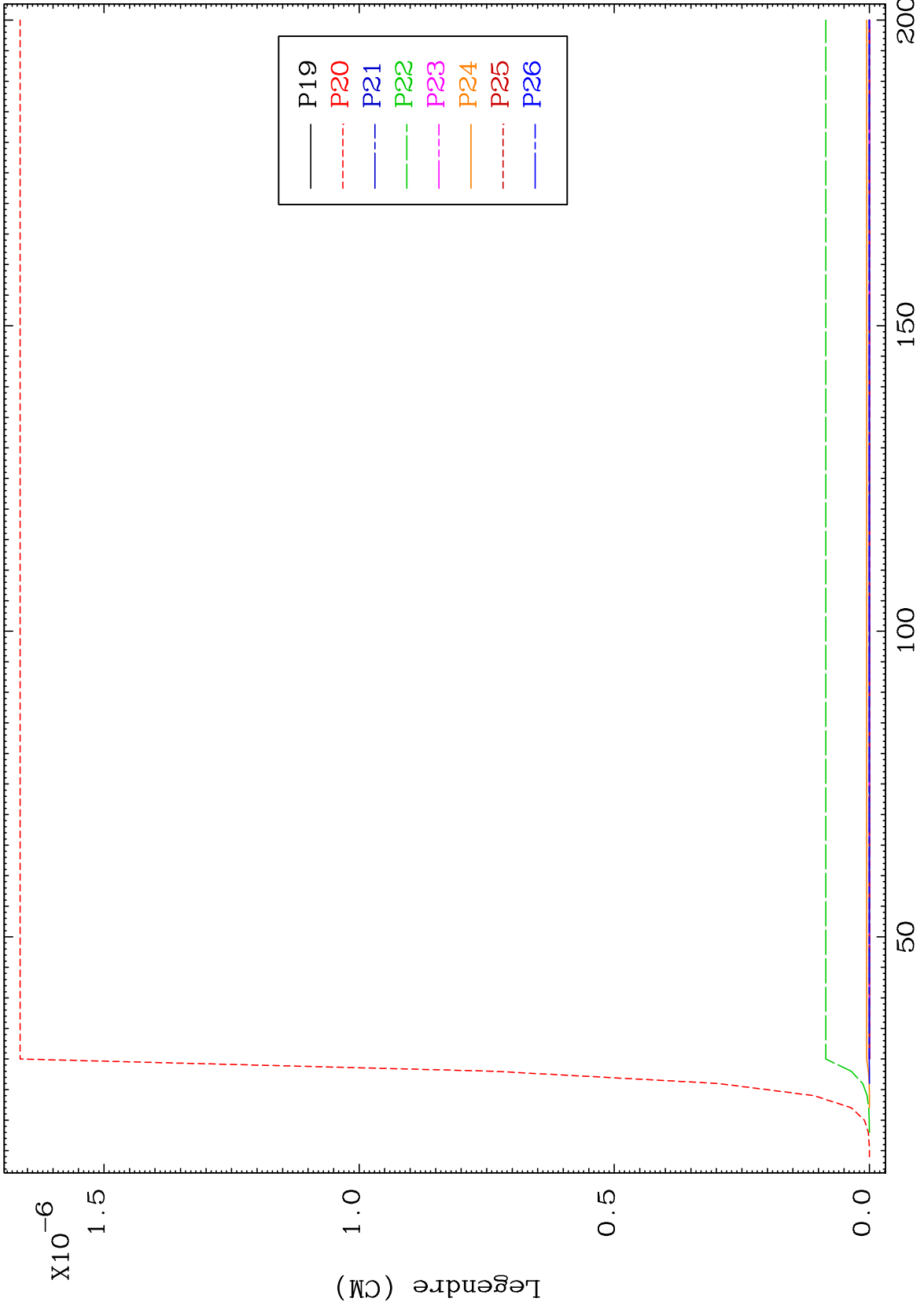


MAT 5046 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-119



79 Incident Energy (MeV) 50-Sn-119

MAT 5046 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-119

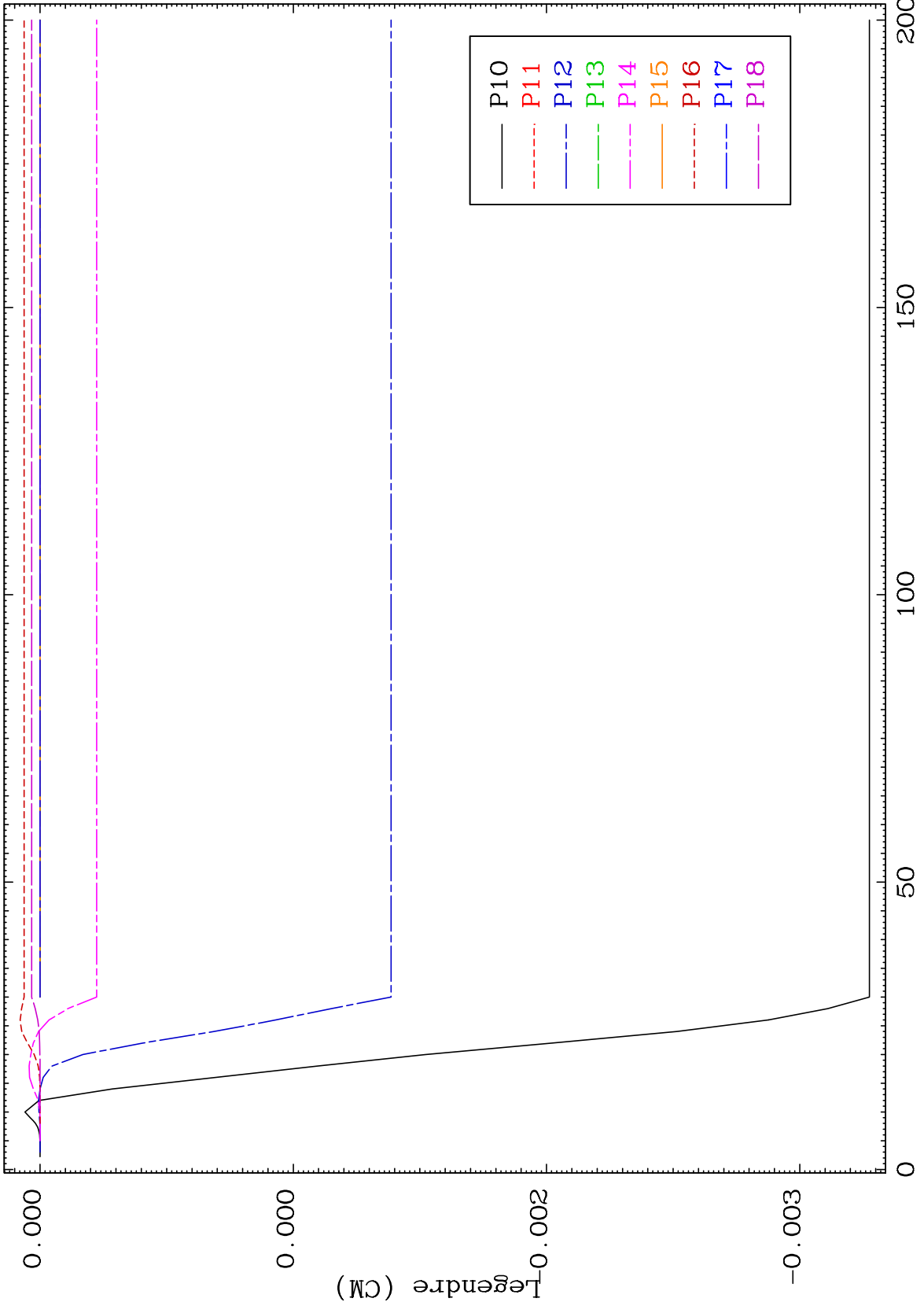


80 50 100 150 200 Incident Energy (MeV) 50-Sn-119

MAT 5046

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

50-Sn-119

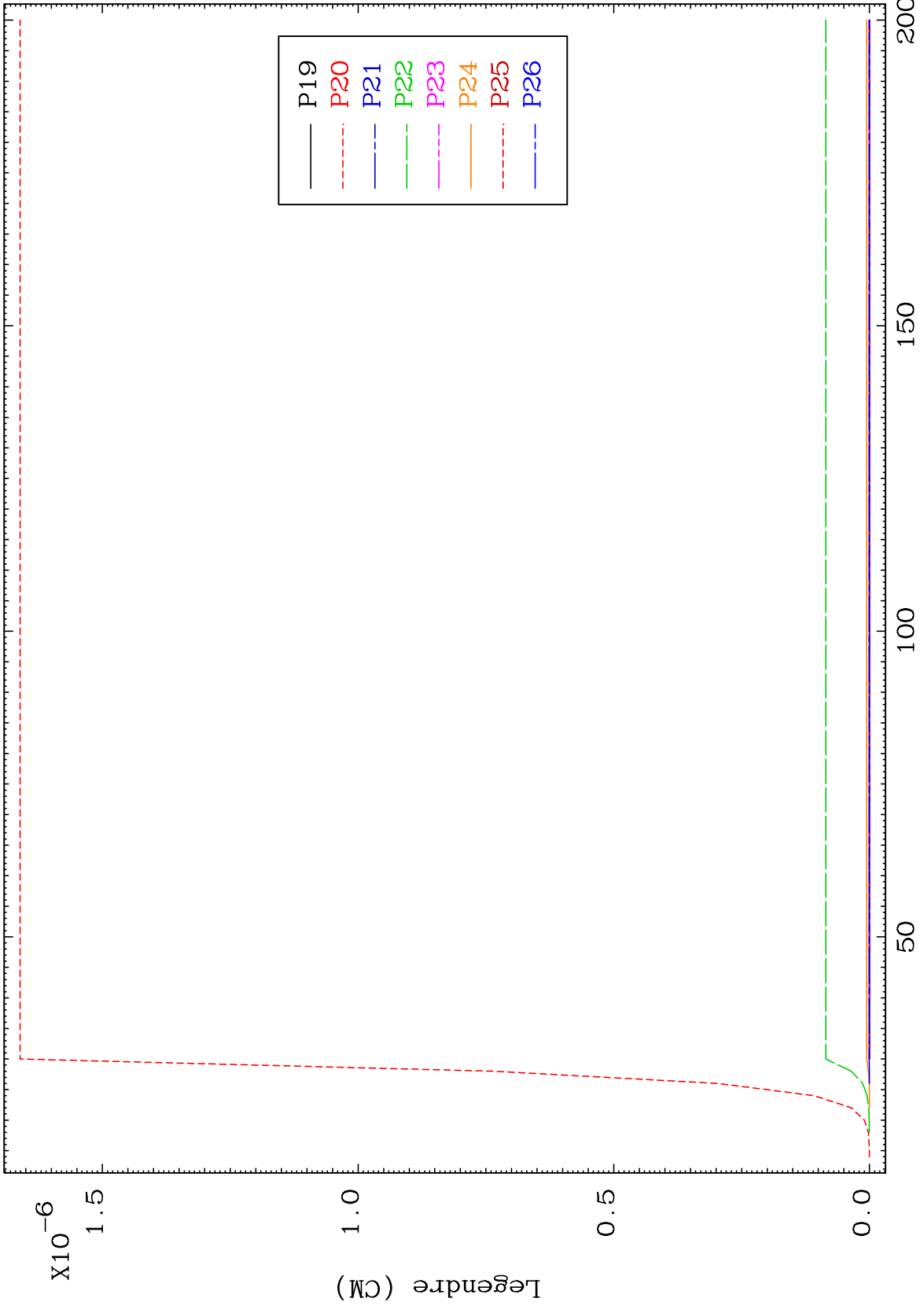


50-Sn-119

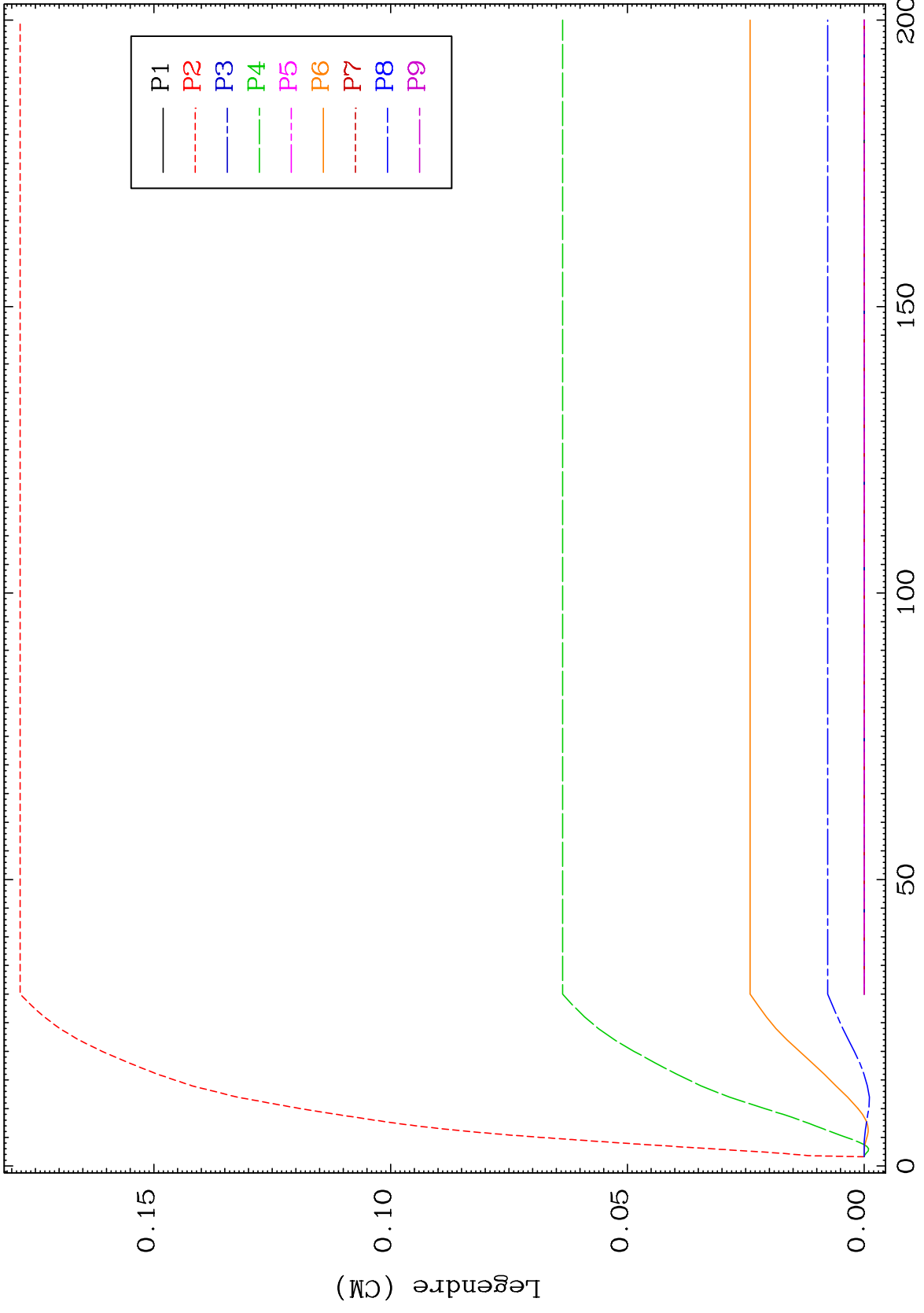
Incident Energy (MeV)

82

MAT 5046 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-119



MAT 5046 MT= 72 (n,n') Level Legendre Coefficients 50-Sn-119

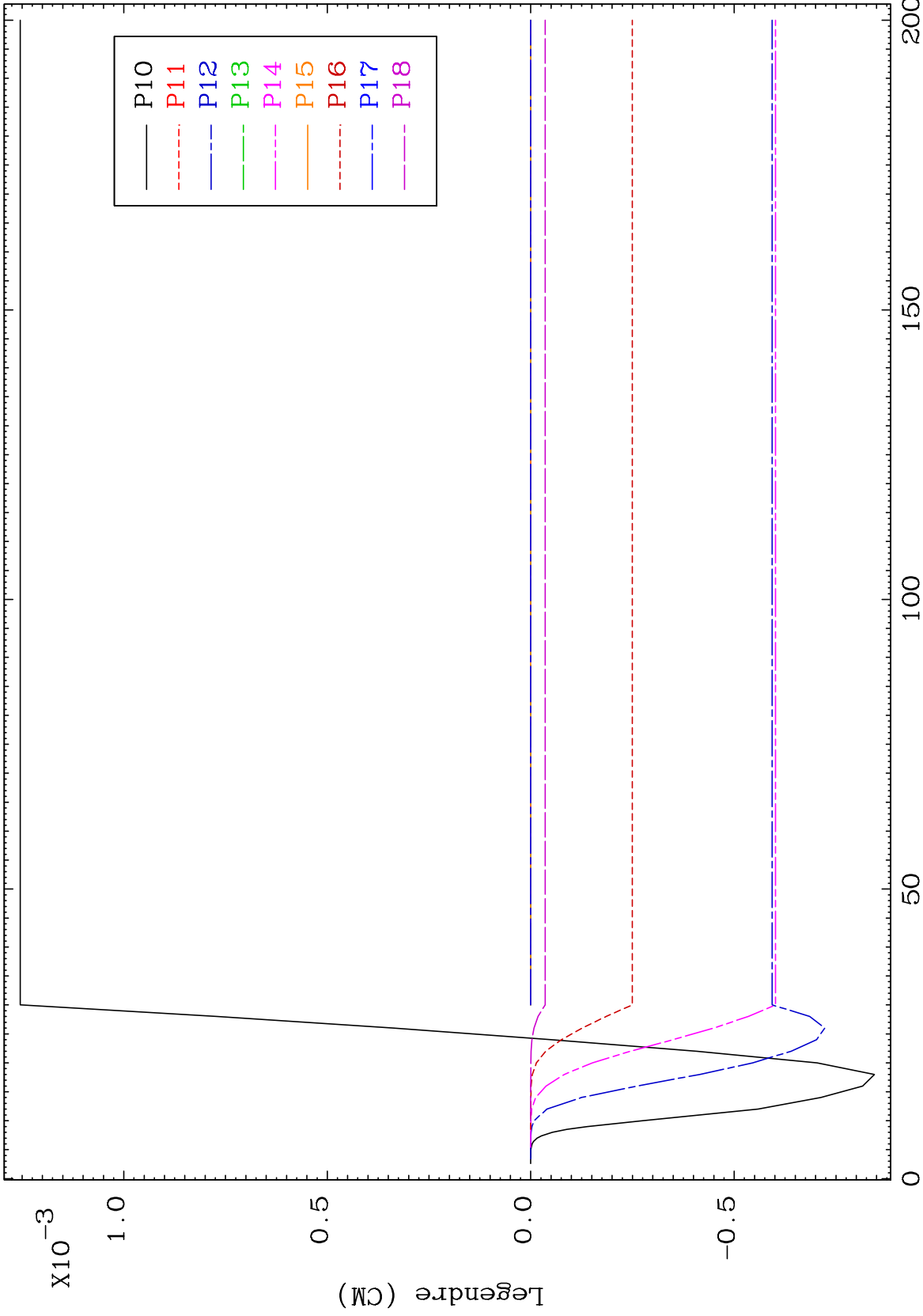


84 50-Sn-119

MAT 5046

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

50-Sn-119



85

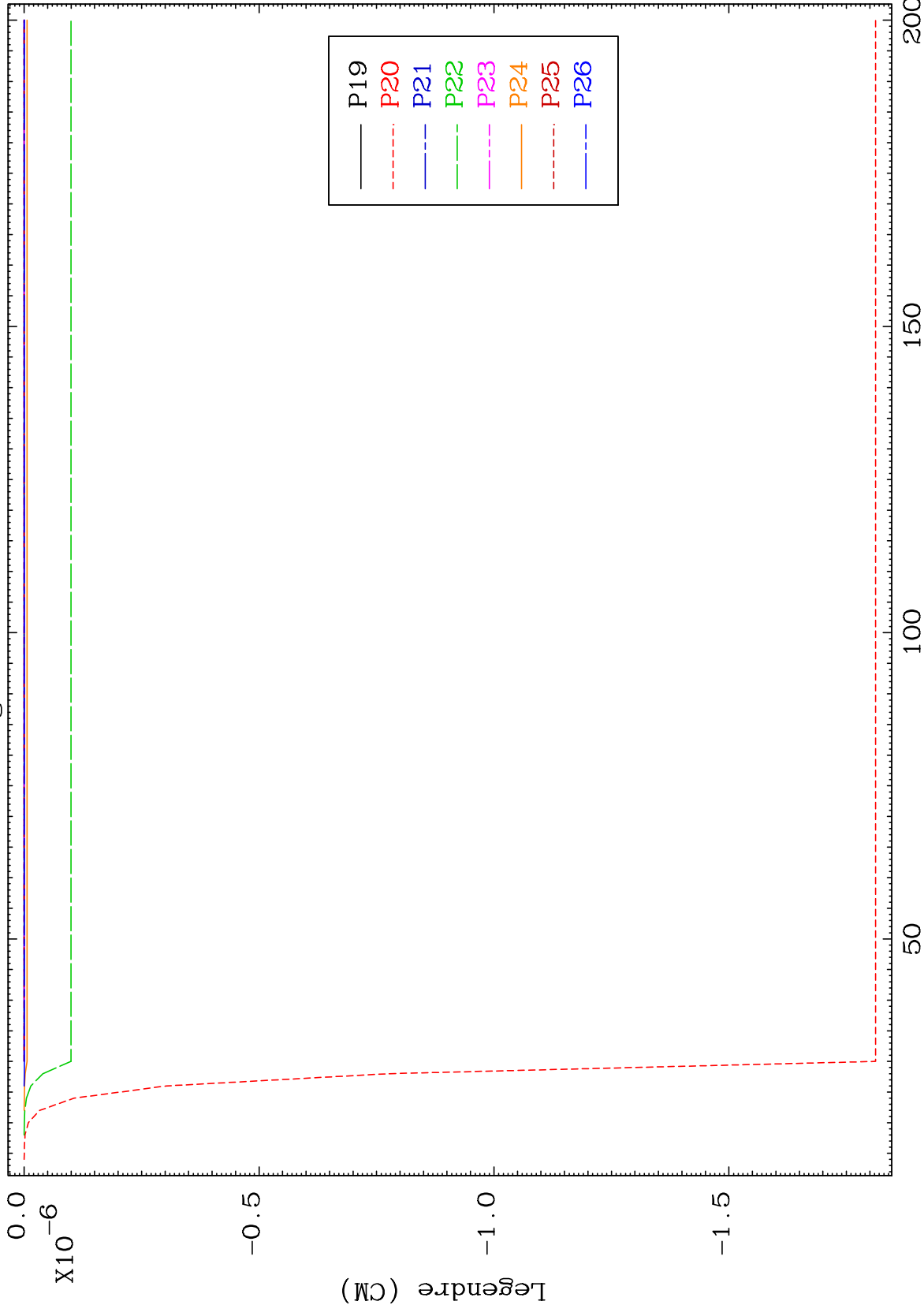
50-Sn-119

200

MAT 5046

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

50-Sn-119

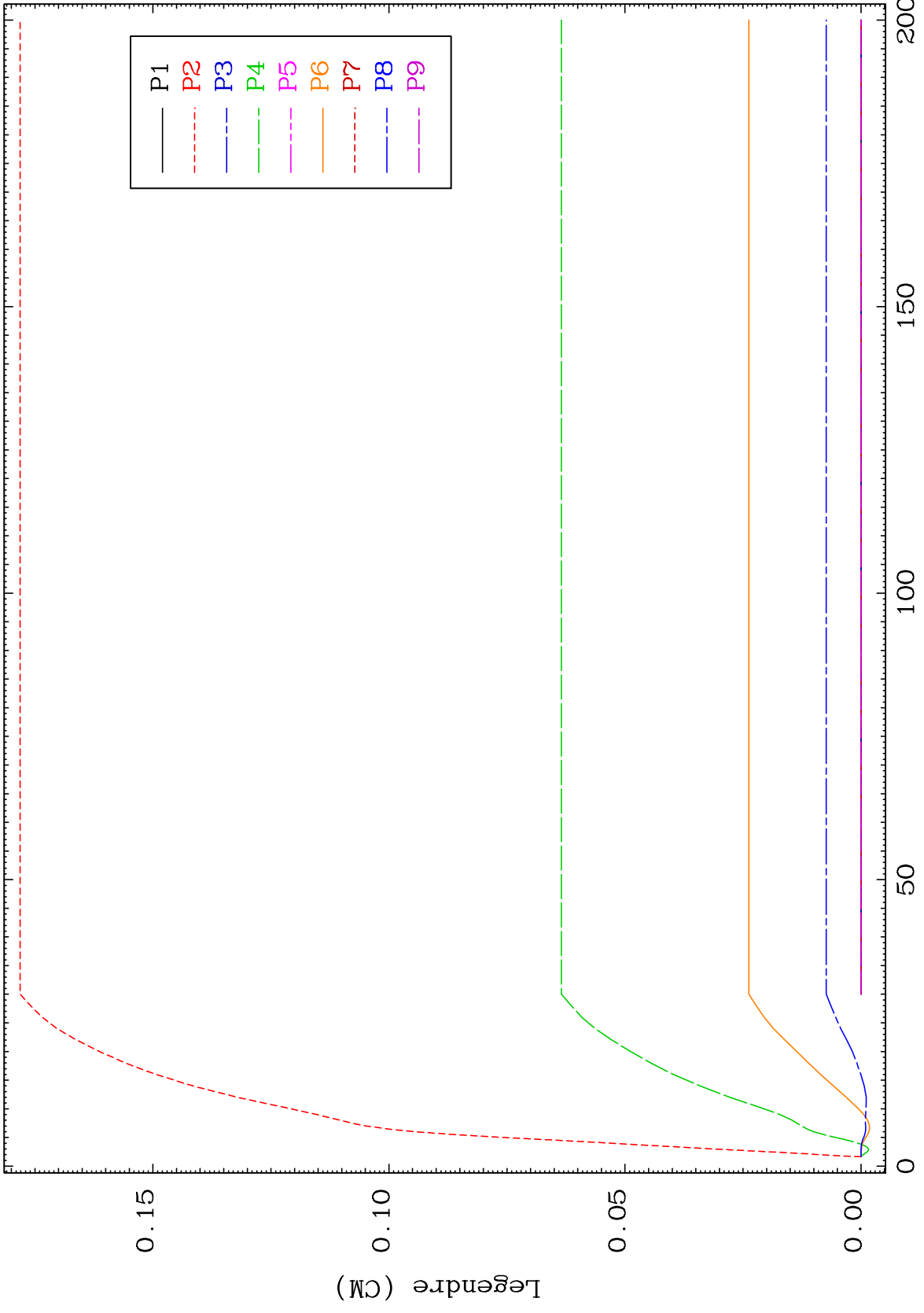


50-Sn-119

Incident Energy (MeV)

86

MAT 5046 MT= 73 (n,n') Level Legendre Coefficients 50-Sn-119

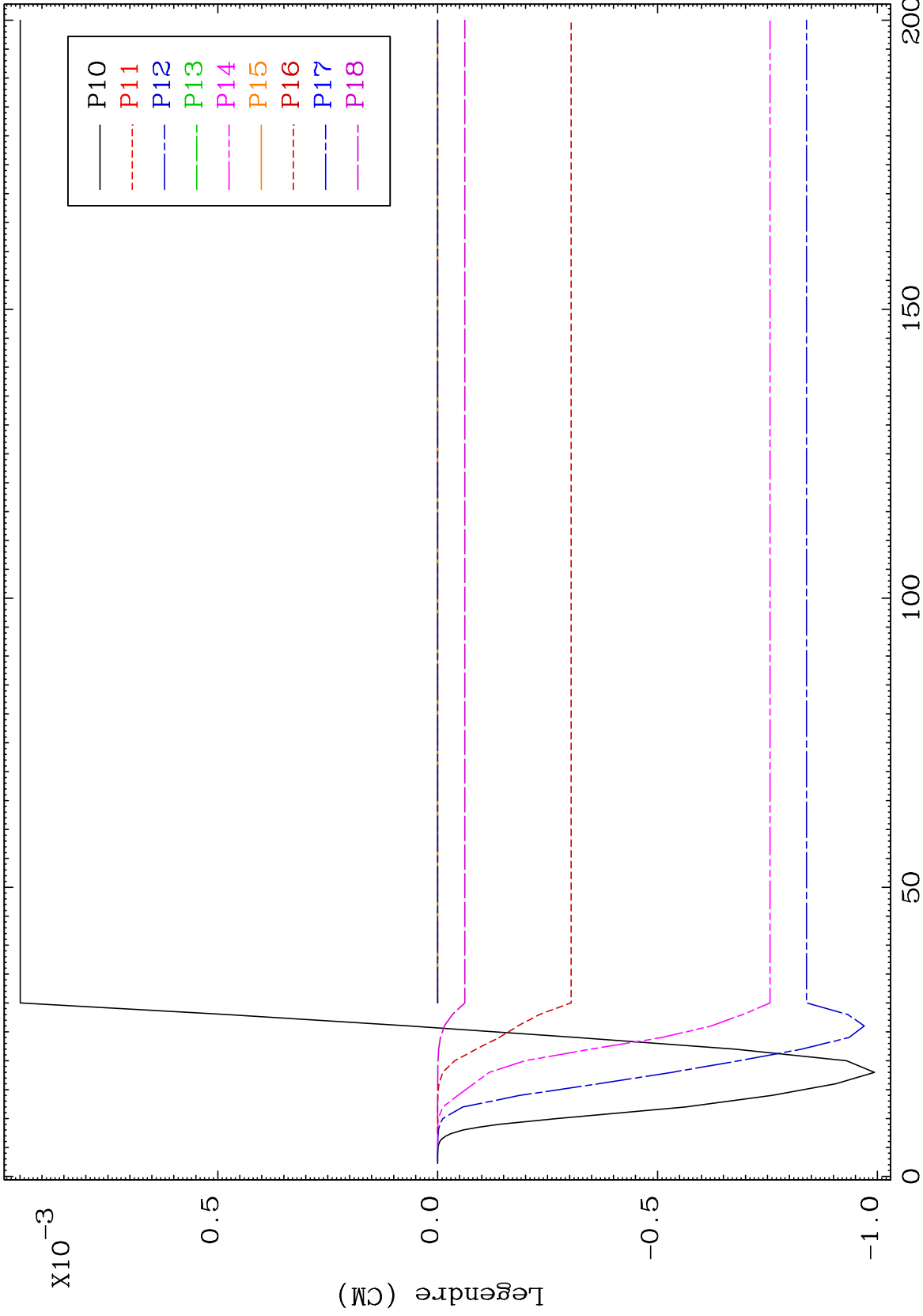


87 50-Sn-119

MAT 5046

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

50-Sn-119



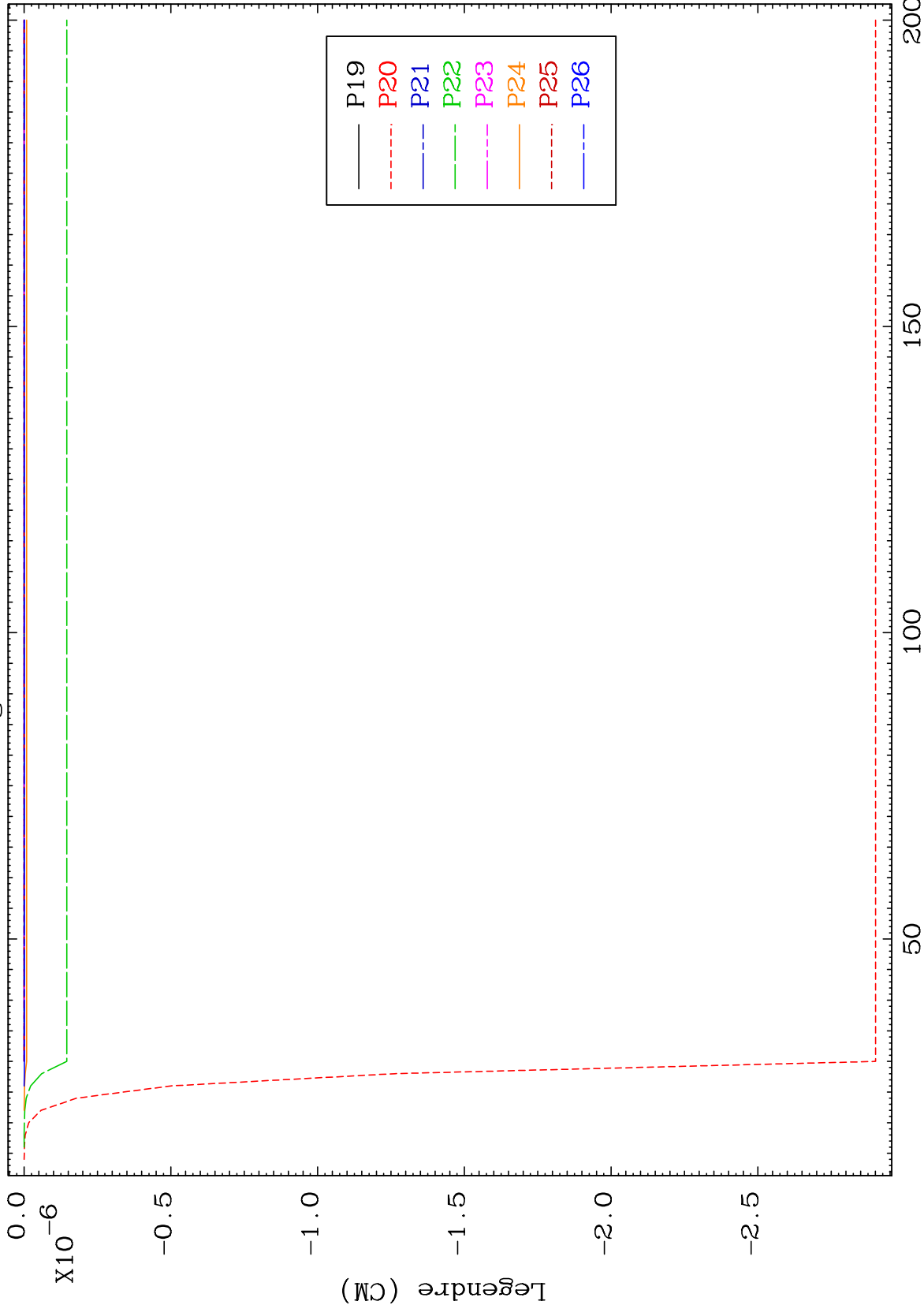
88

50-Sn-119

MAT 5046

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

50-Sn-119



50-Sn-119

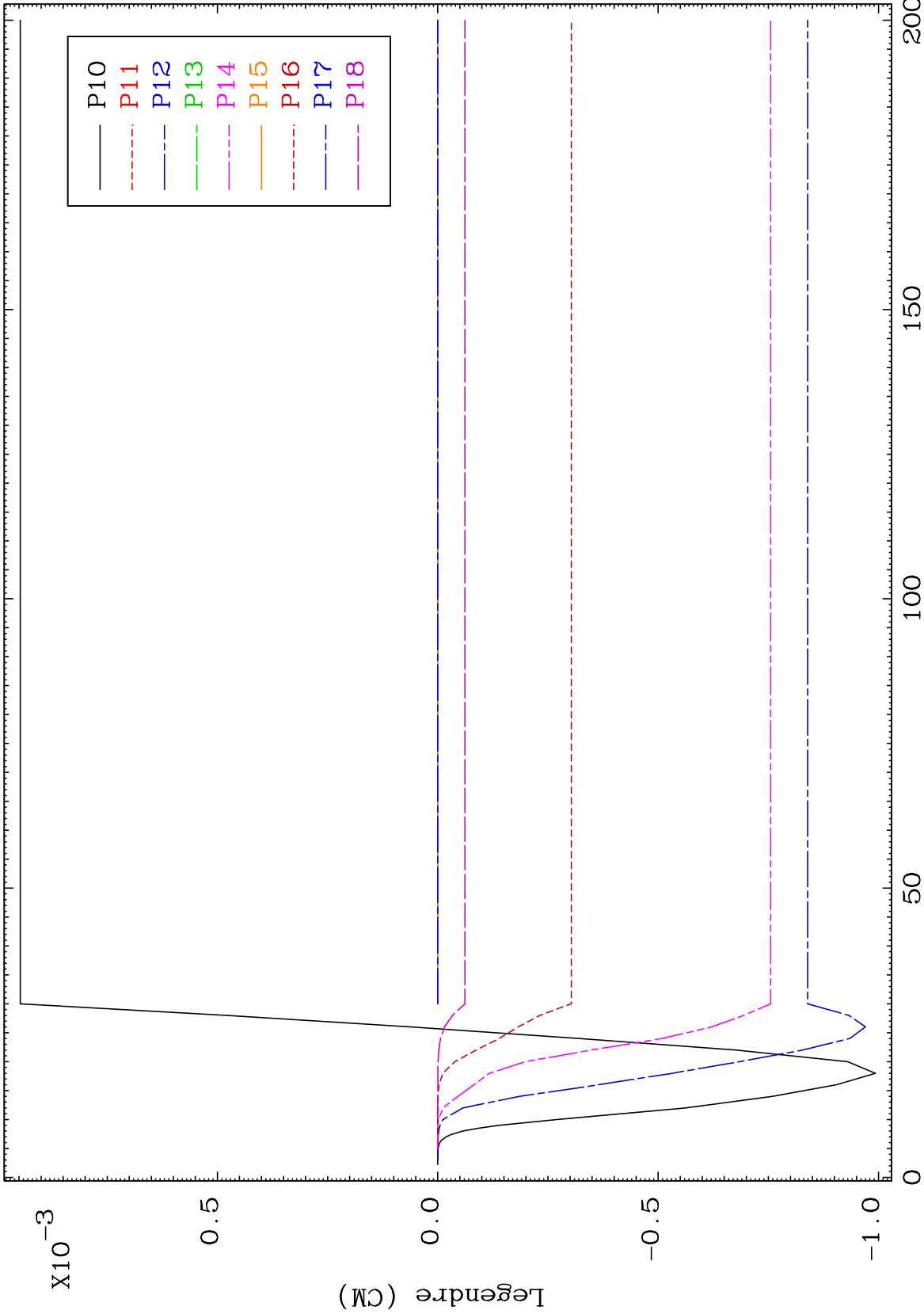
Incident Energy (MeV)

89

MAT 5046

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

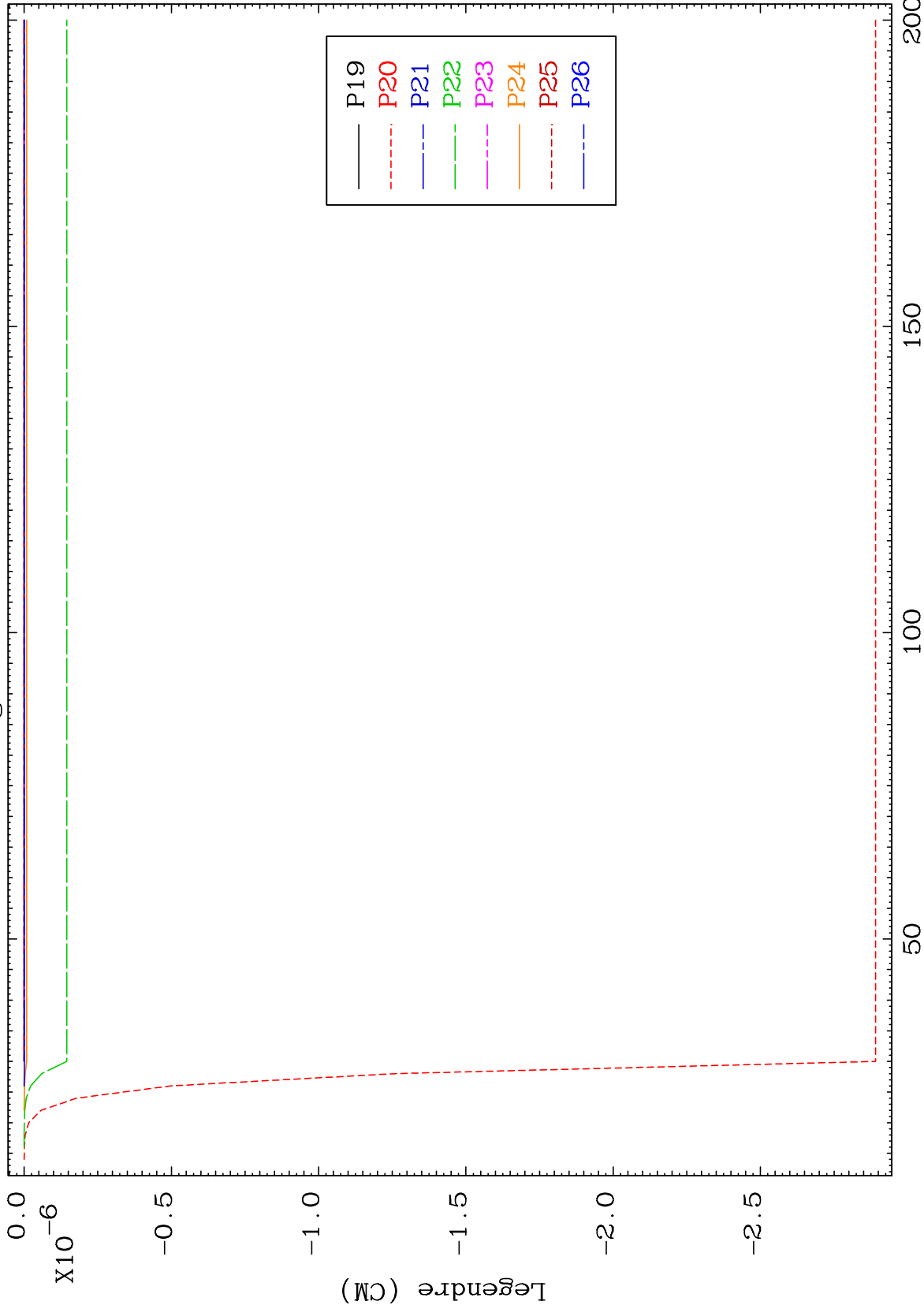
50-Sn-119



MAT 5046

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

50-Sn-119

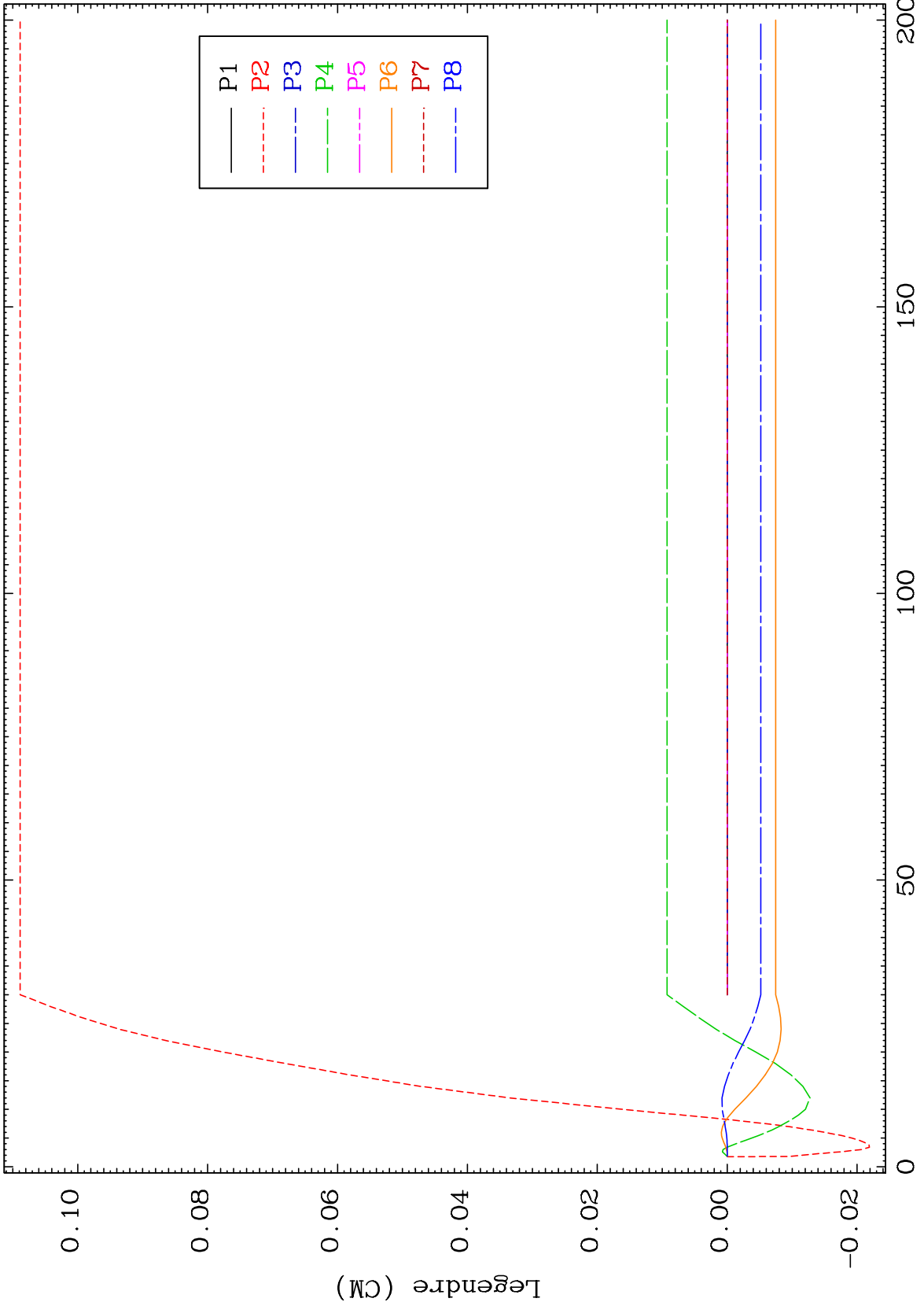


50-Sn-119

Incident Energy (MeV)

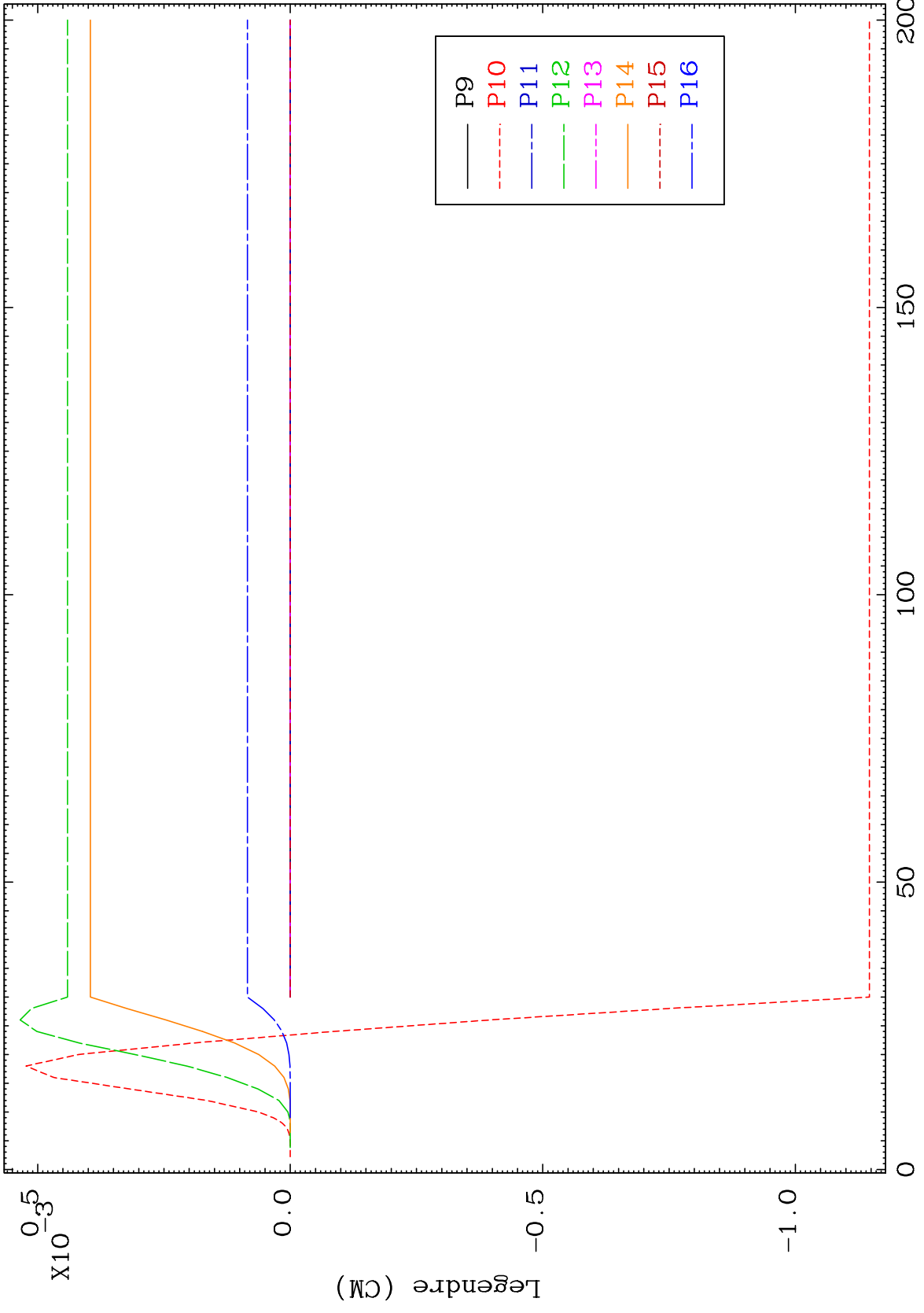
92

MAT 5046 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-119



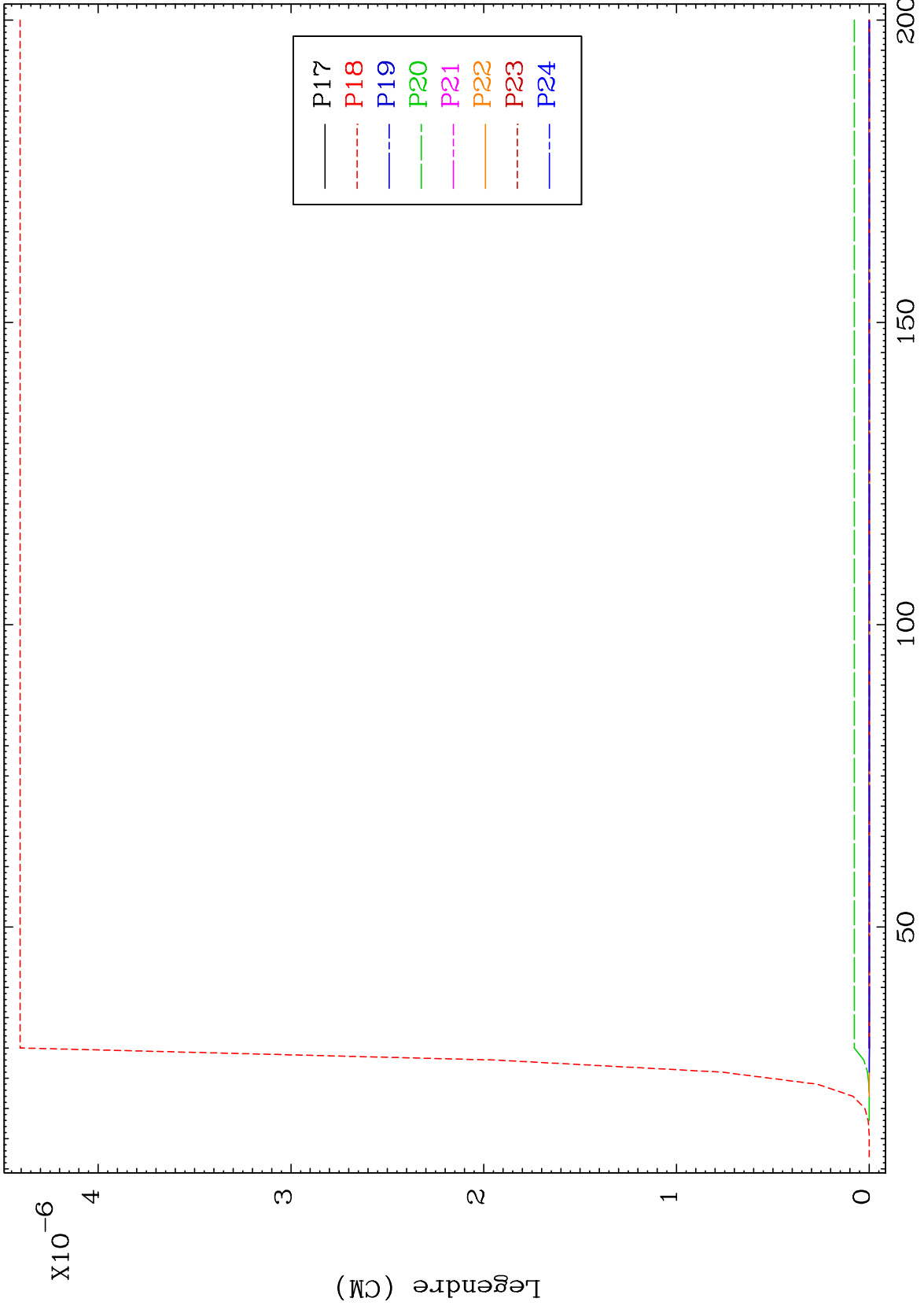
93 50-Sn-119

MAT 5046 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-119



94 50-Sn-119

MAT 5046 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-119

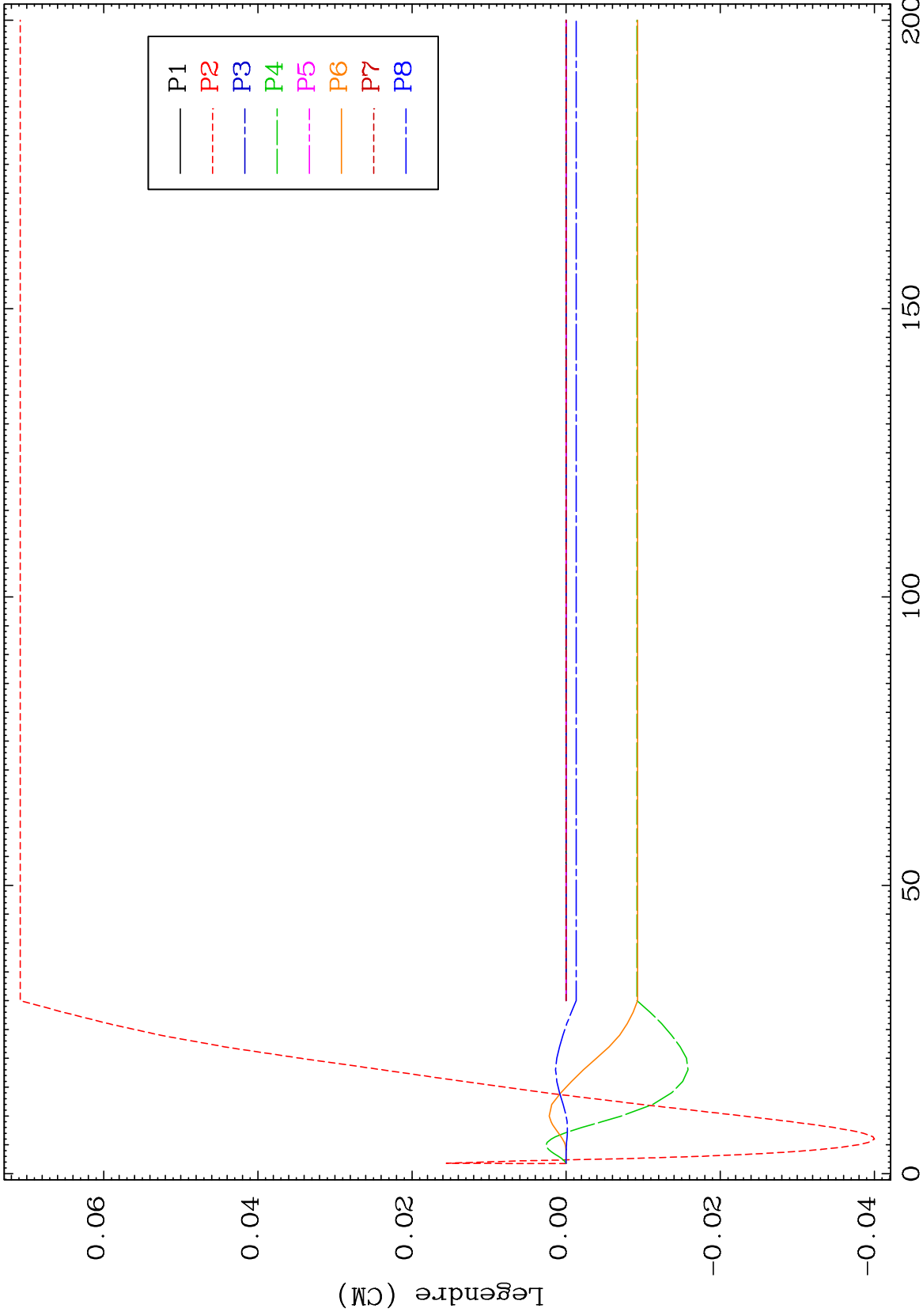


95 Incident Energy (MeV) 50-Sn-119

MAT 5046

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

50-Sn-119

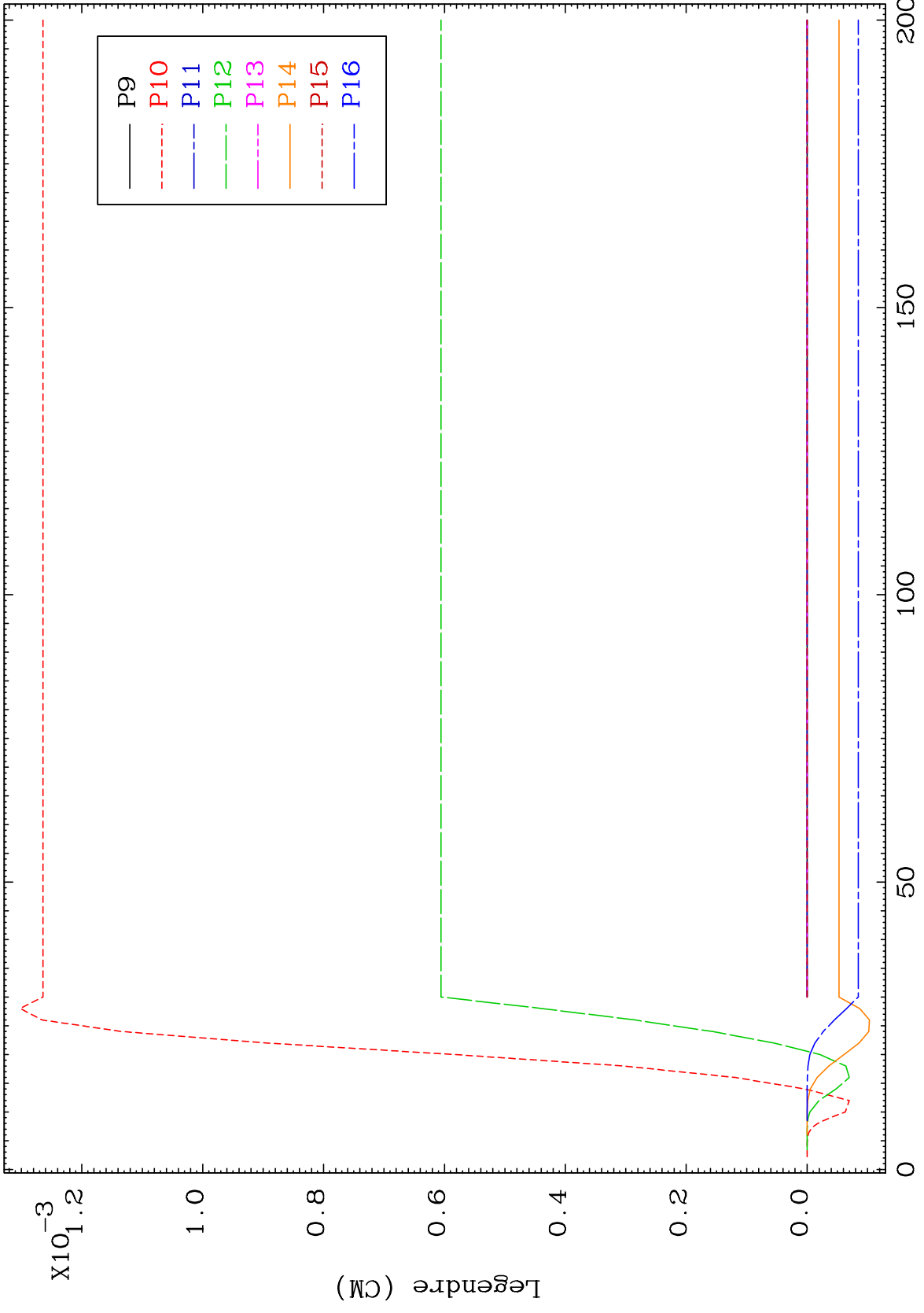


96

Incident Energy (MeV)

50-Sn-119

MAT 5046 MT= 76 (n,n') Level Legendre Coefficients 50-Sn-119

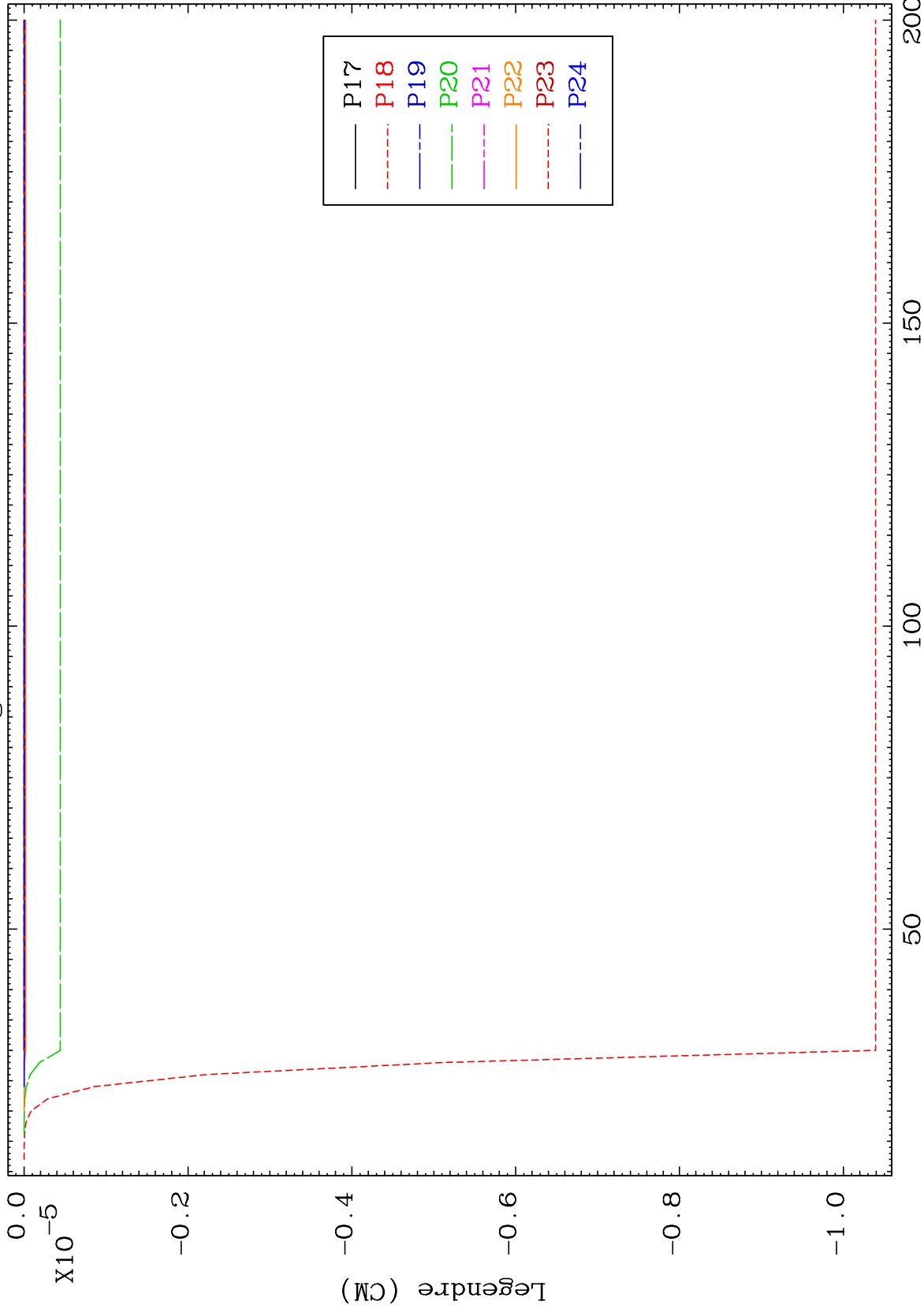


97 50-Sn-119

MAT 5046

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

50-Sn-119

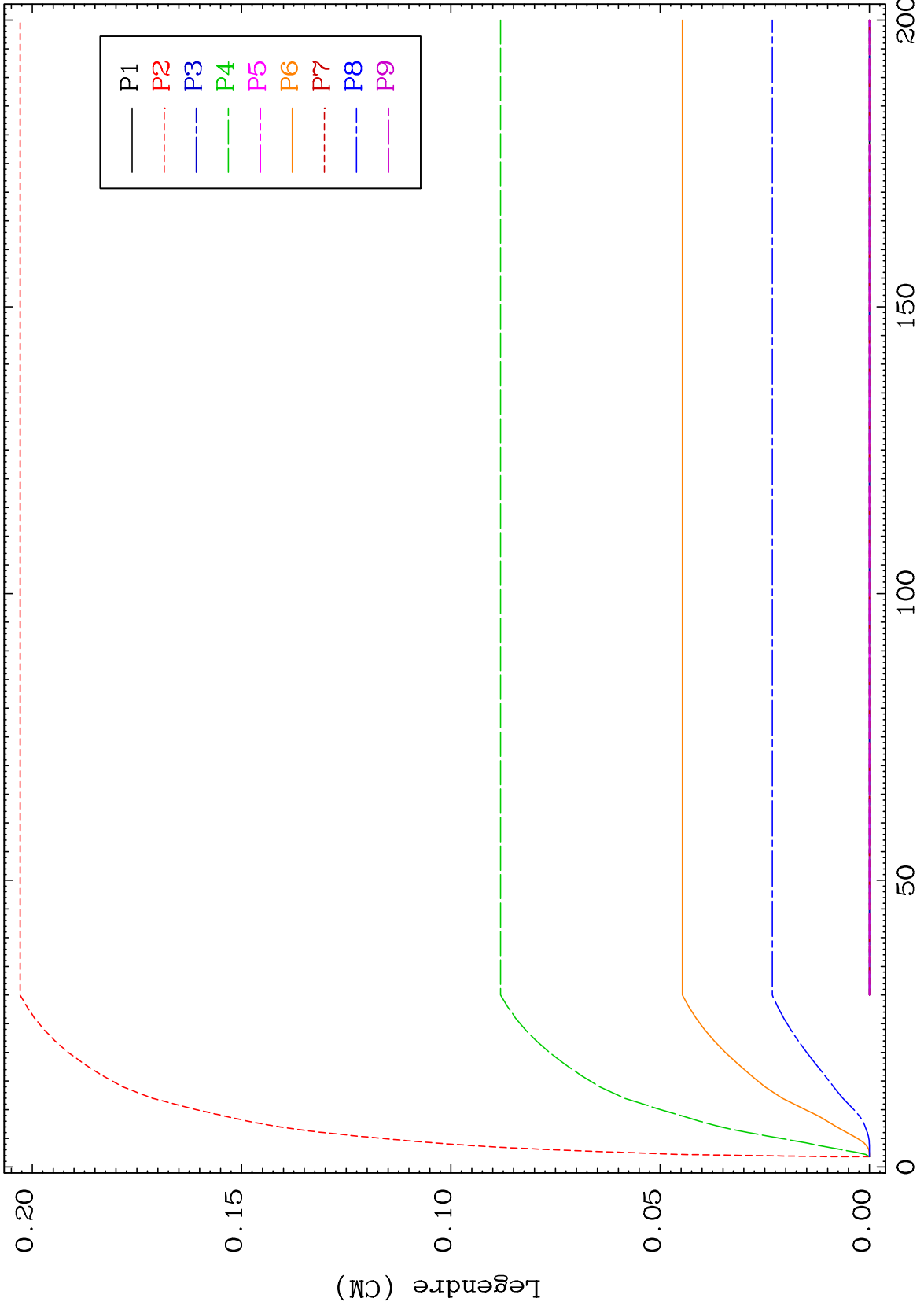


50-Sn-119

Incident Energy (MeV)

98

MAT 5046 MT= 77 (n,n') Level Legendre Coefficients 50-Sn-119

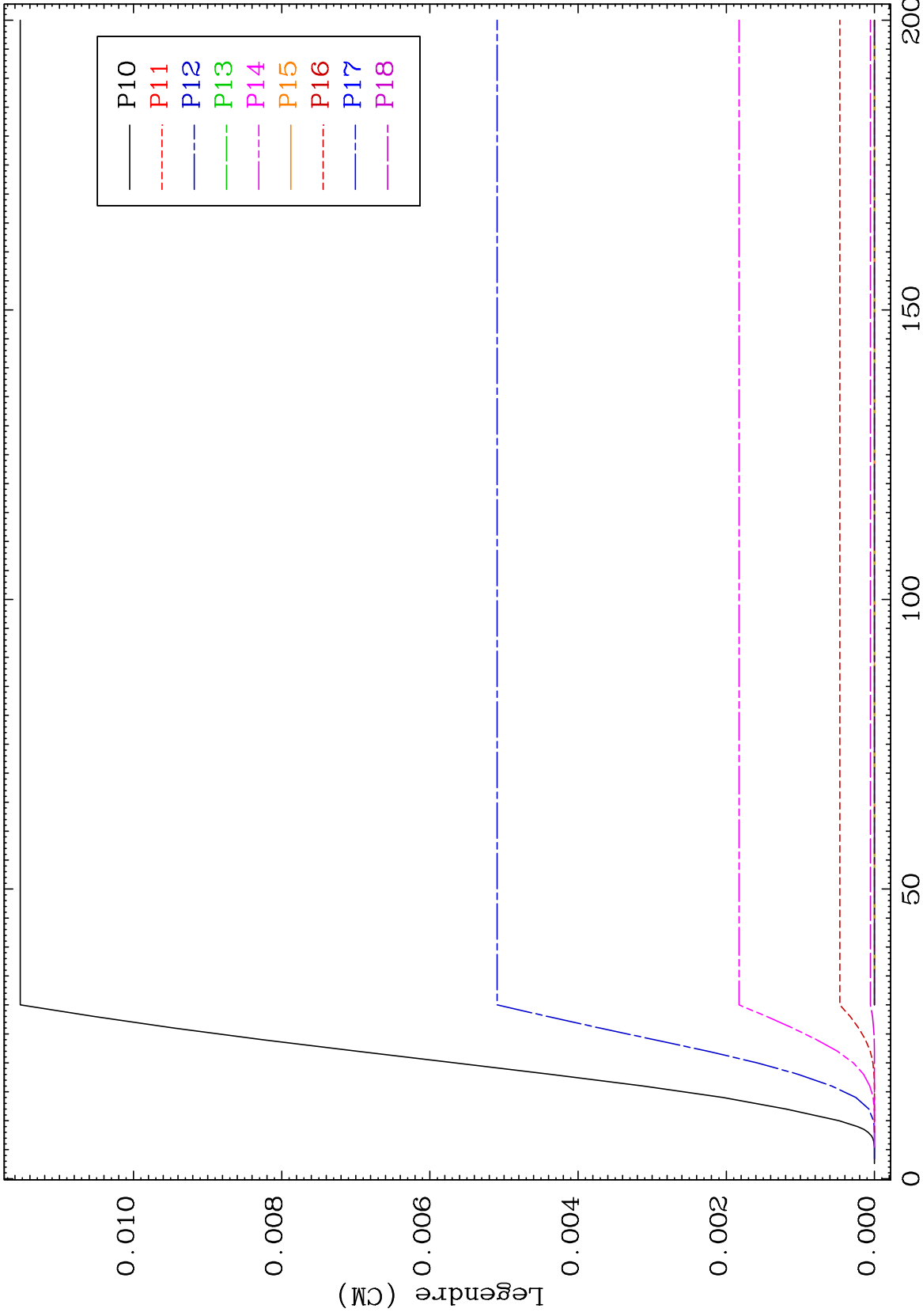


99 Incident Energy (MeV) 50-Sn-119

MAT 5046

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

50-Sn-119

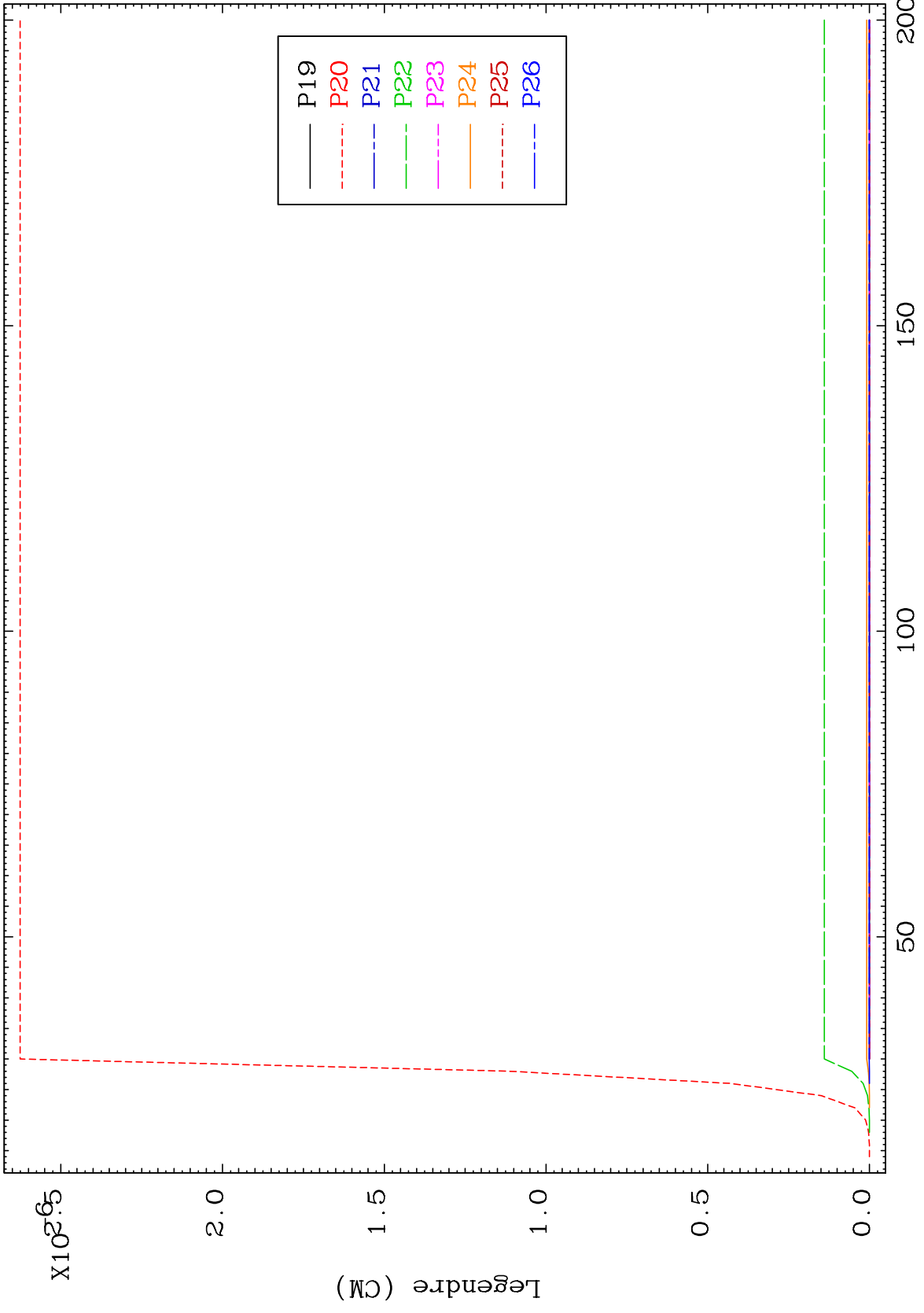


50-Sn-119

Incident Energy (MeV)

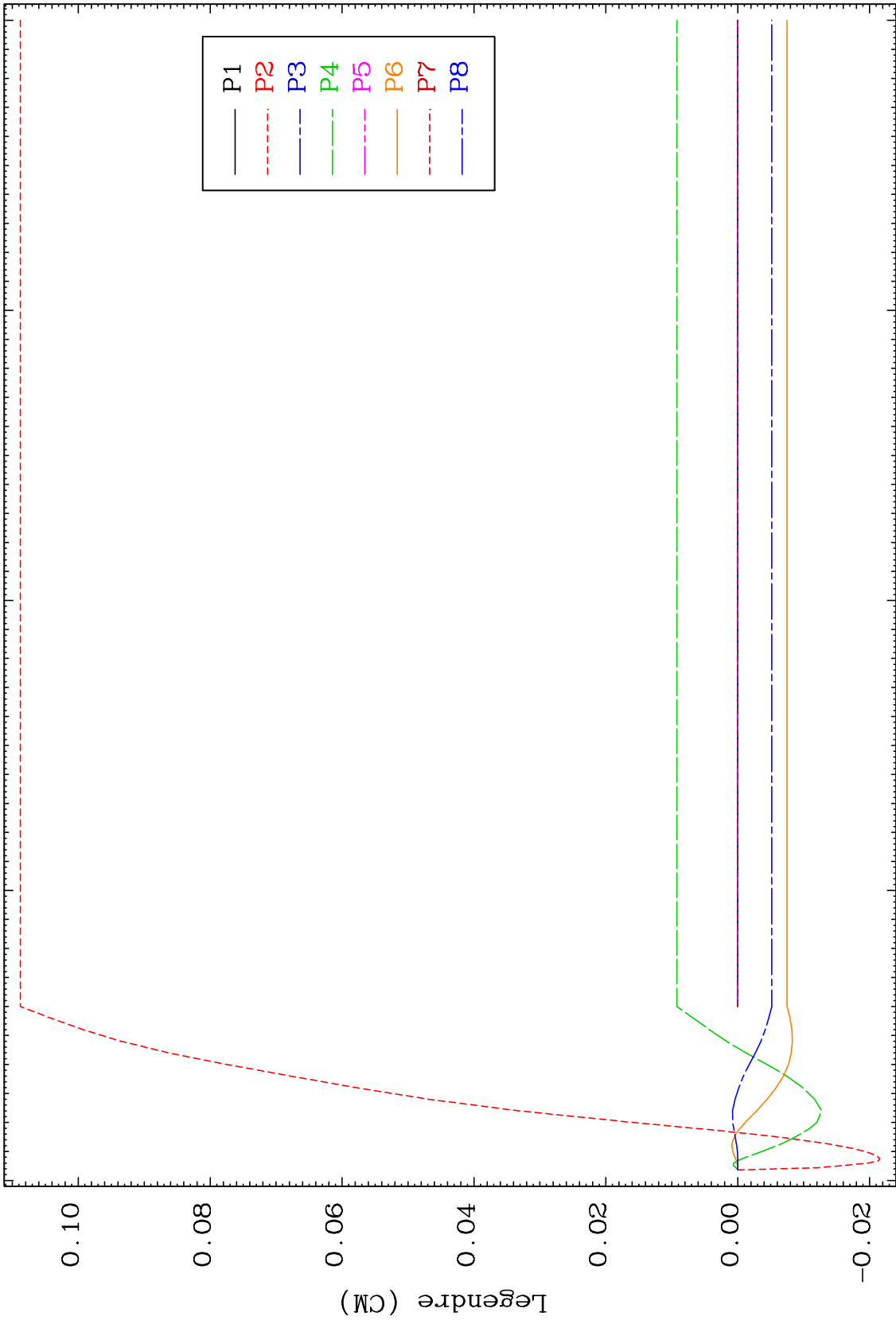
100

MAT 5046 MT= 77 (n,n') Level Legendre Coefficients 50-Sn-119



101 50 100 150 200 Incident Energy (MeV) 50-Sn-119

MAT 5046 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-119

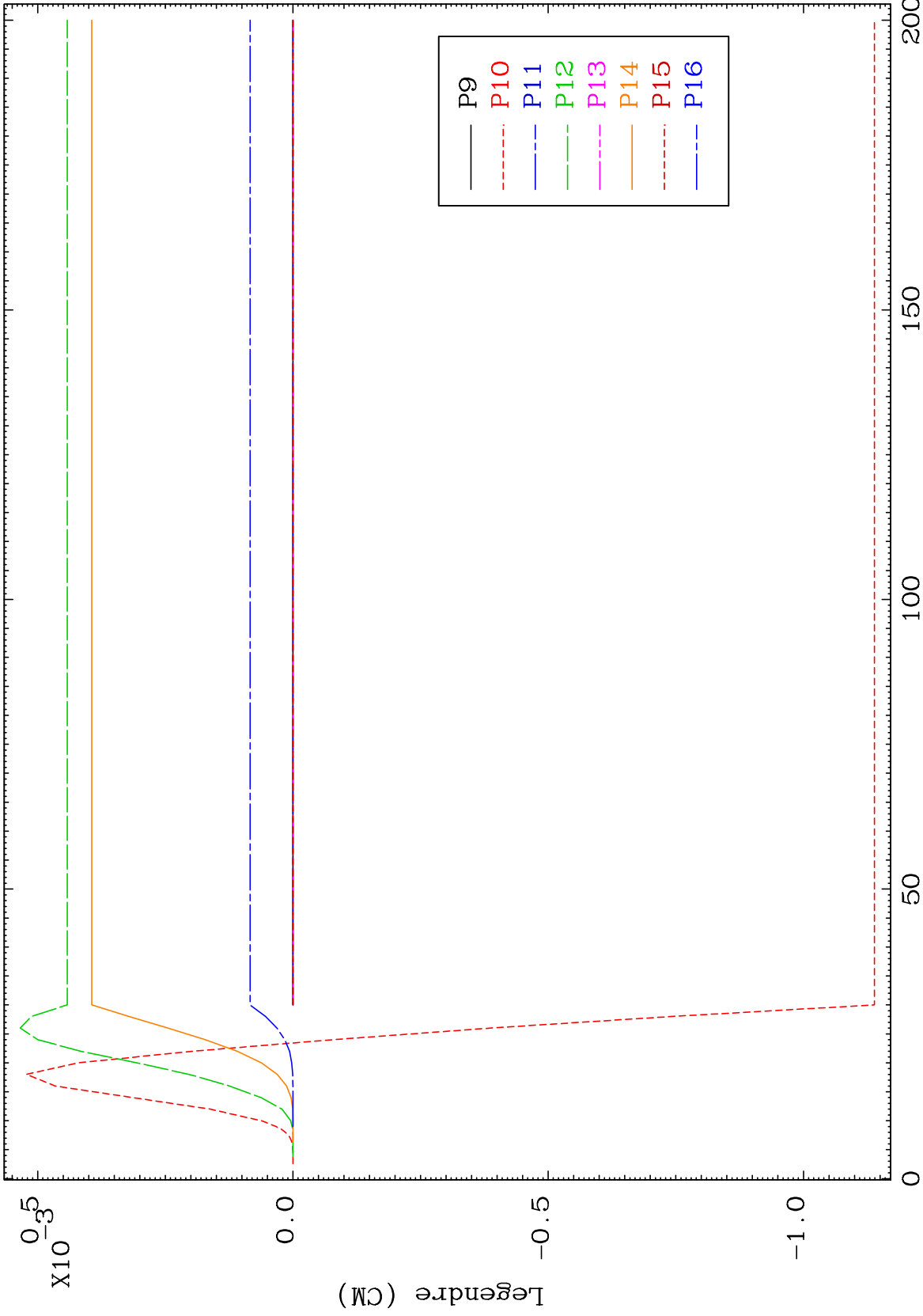


Legendre (CM) Incident Energy (MeV) 50-Sn-119

MAT 5046

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

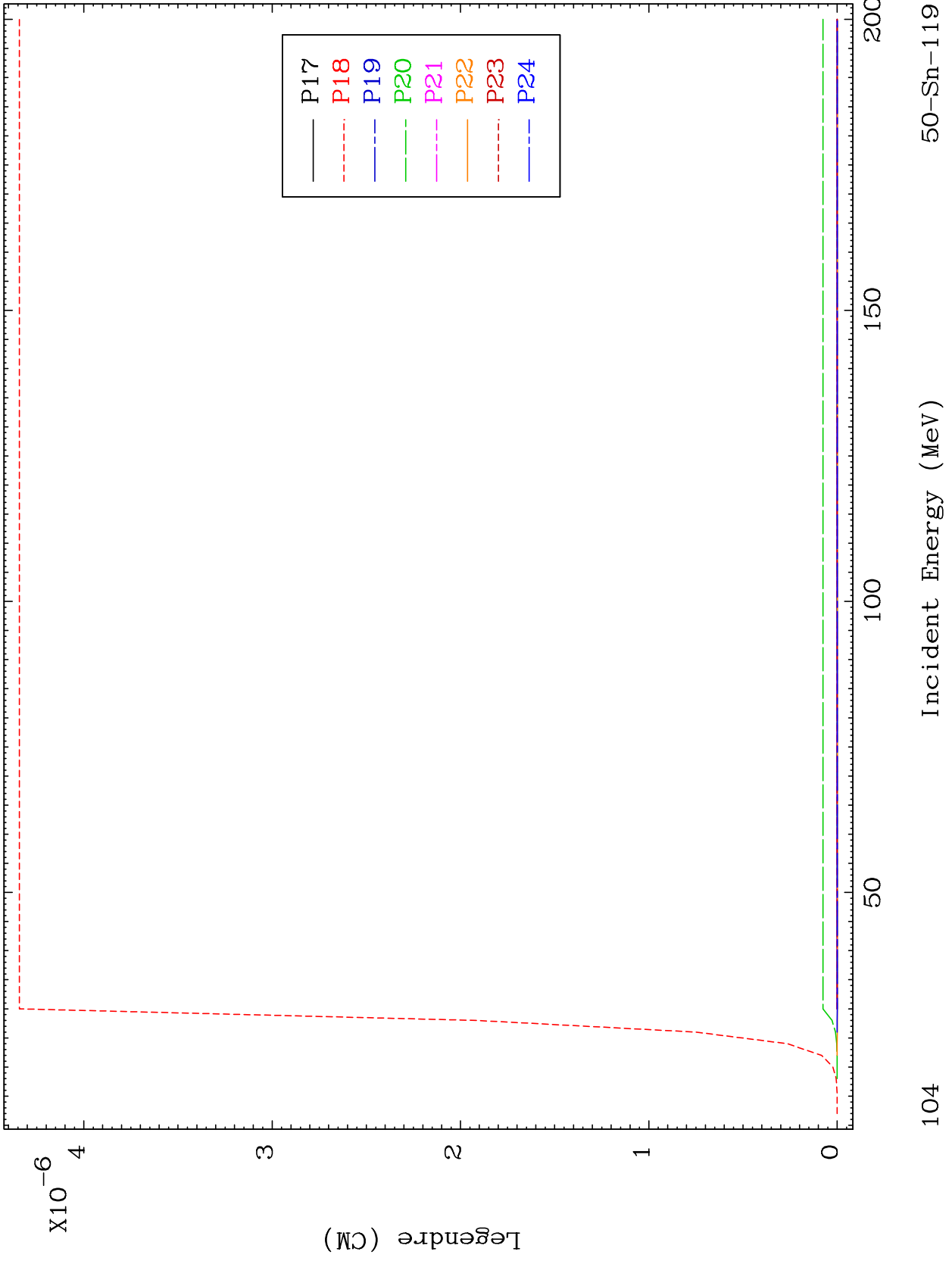
50-Sn-119



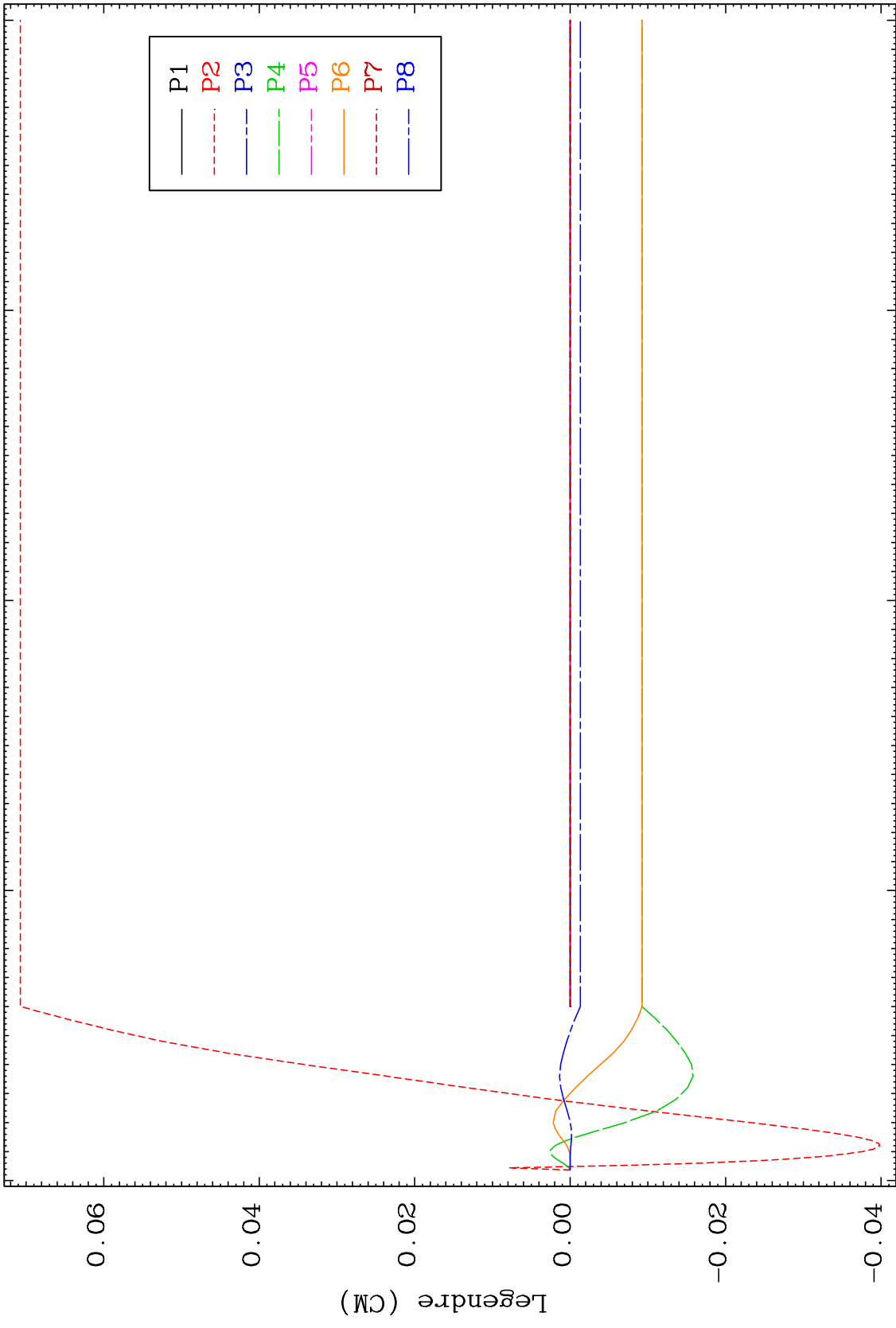
103

50-Sn-119

MAT 5046 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-119



MAT 5046 MT= 79 (n,n') Level Legendre Coefficients 50-Sn-119

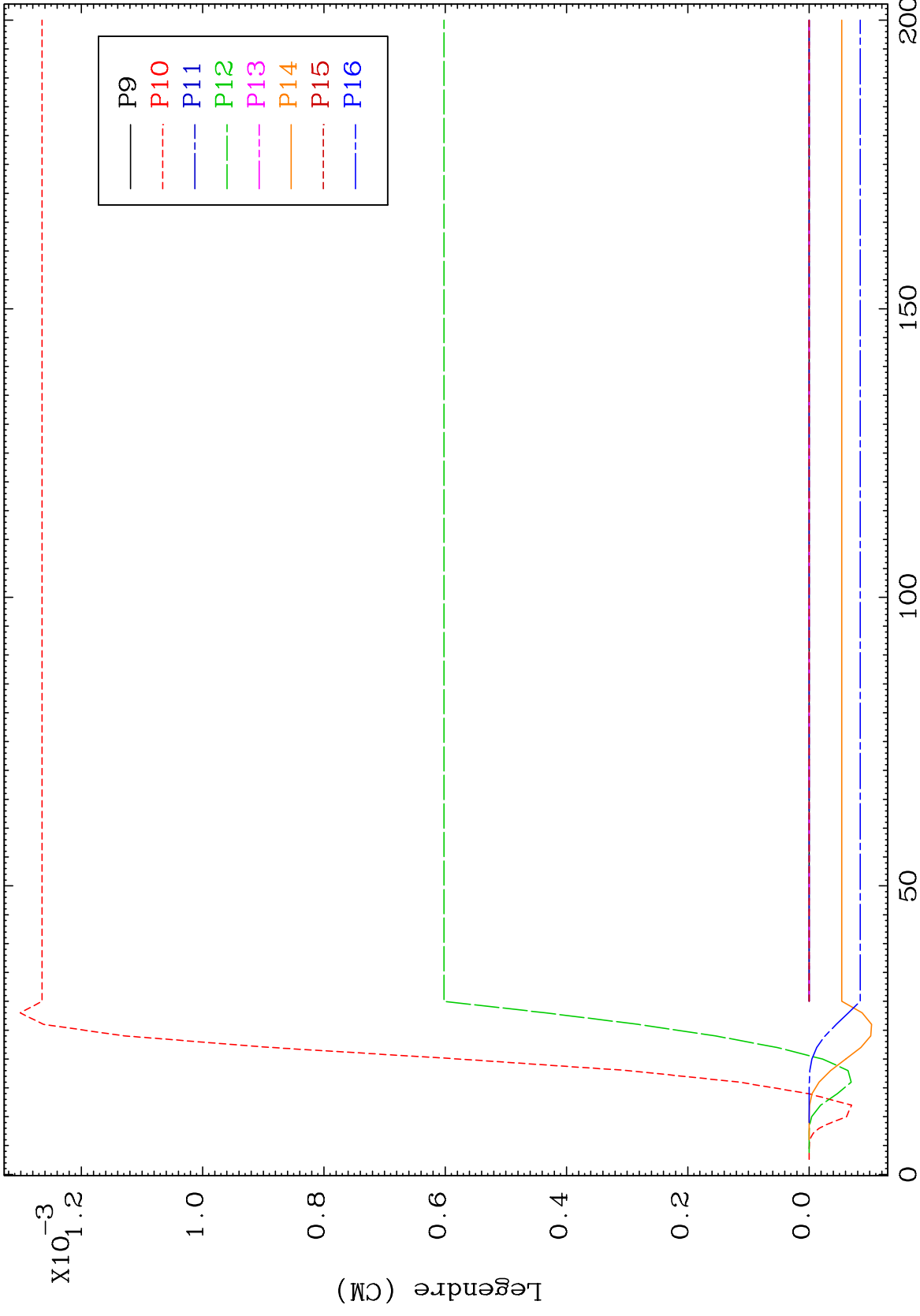


Incident Energy (MeV) 50-Sn-119

MAT 5046

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

50-Sn-119



50-Sn-119

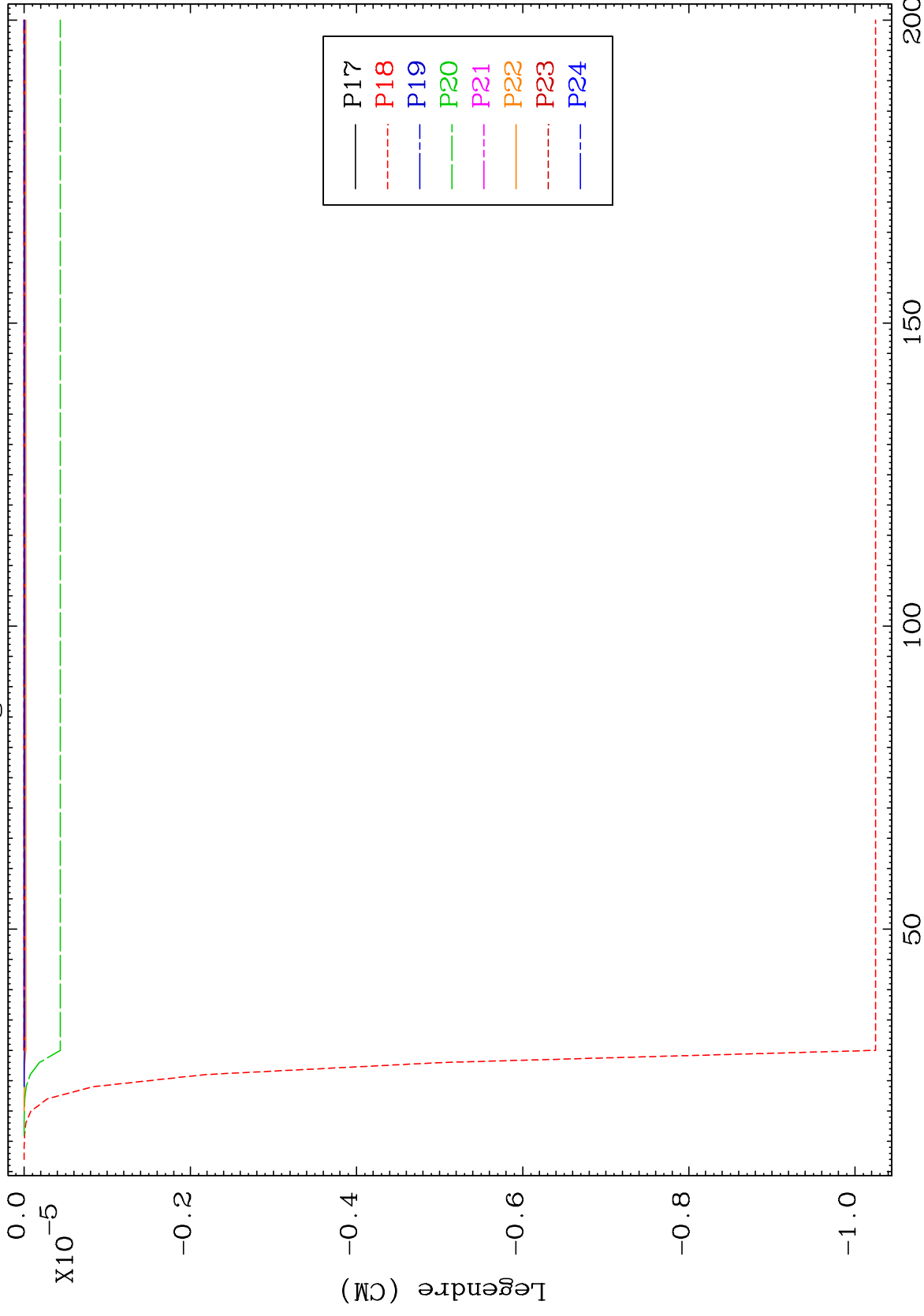
Incident Energy (MeV)

106

MAT 5046

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

50-Sn-119



50-Sn-119

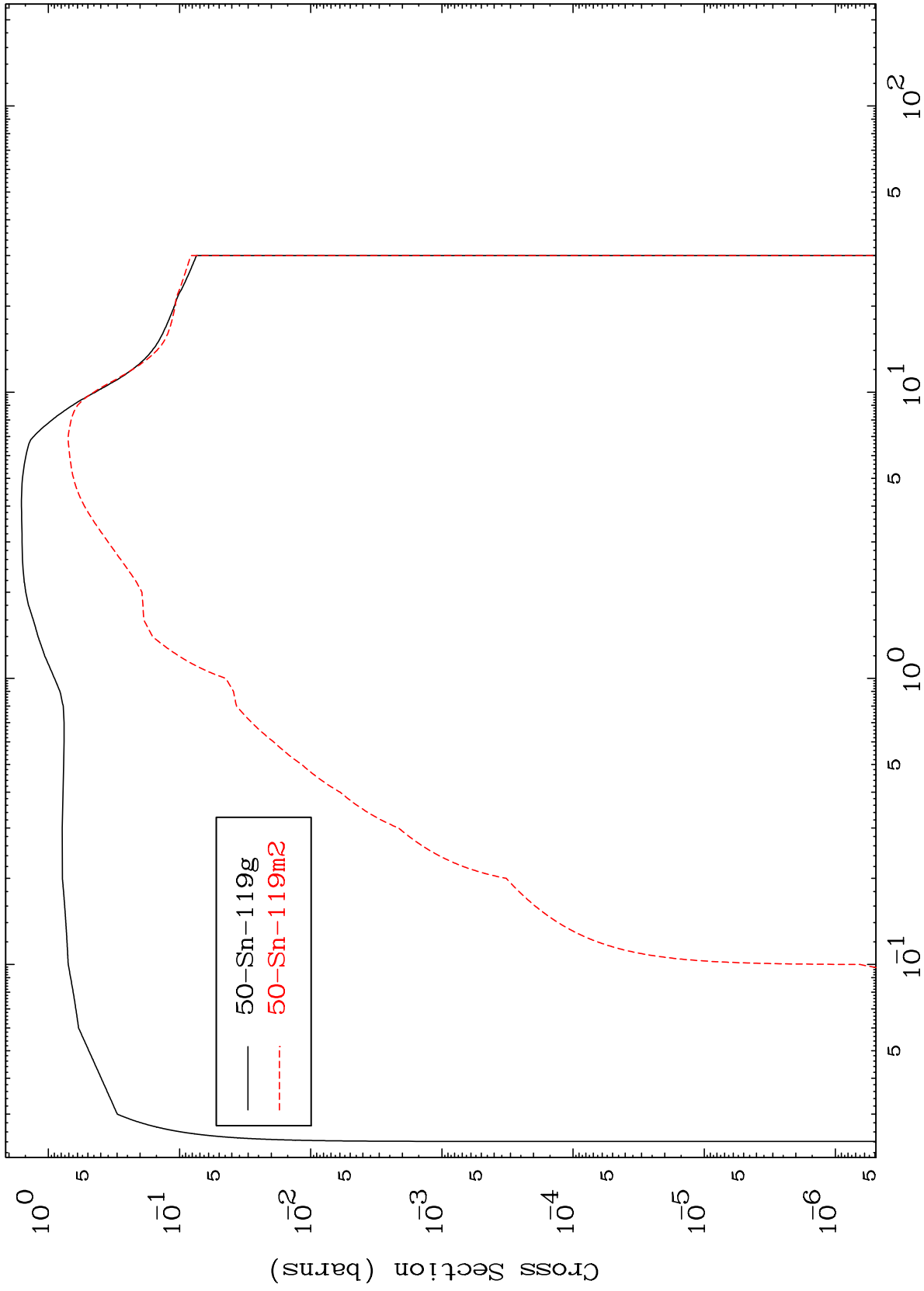
Incident Energy (MeV)

107

MAT 5046

50-Sn-119

Inelastic Radionuclide Production Cross Section



108

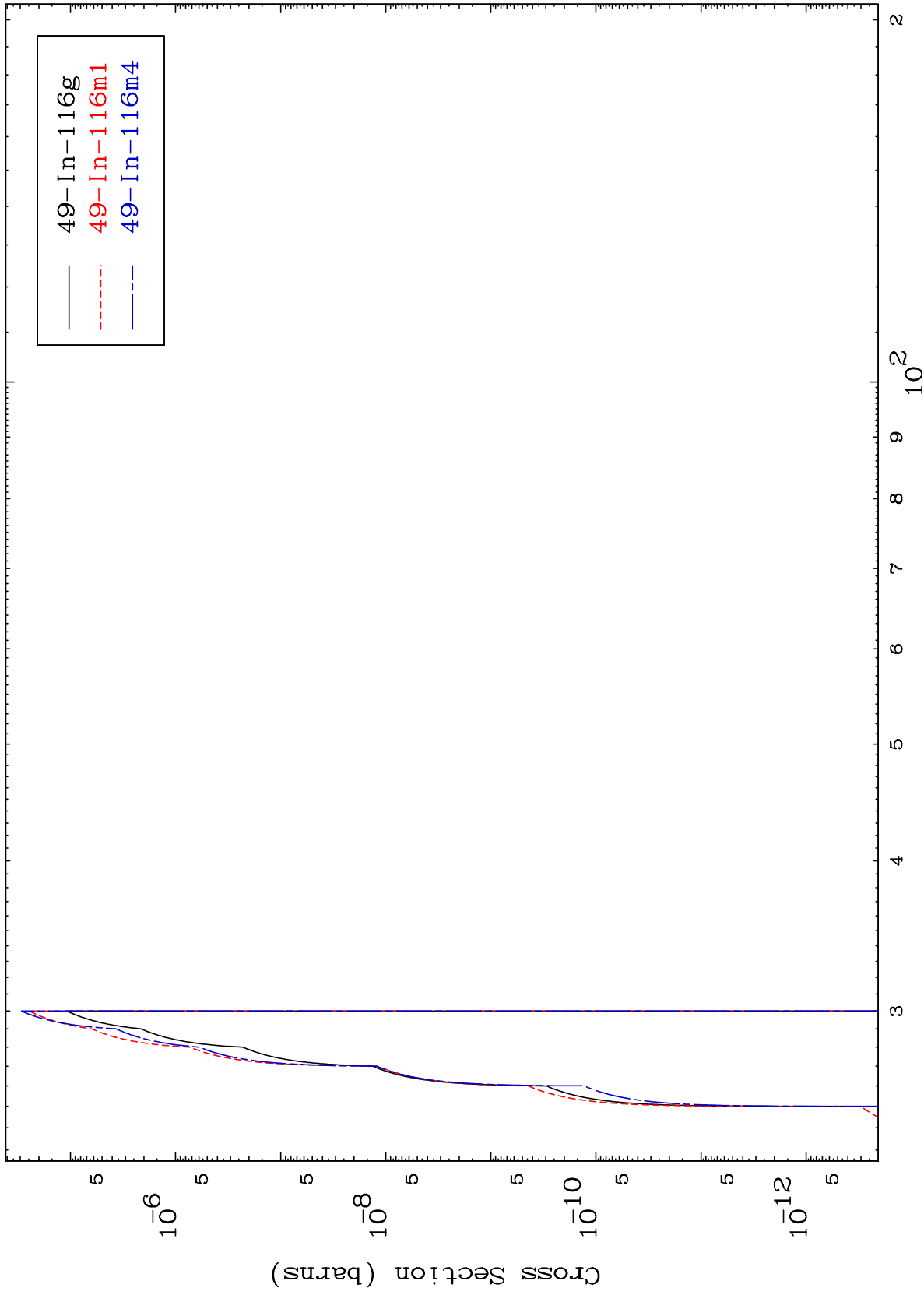
50-Sn-119

MAT 5046

(n,2n) d

50-Sn-119

Radionuclide Production Cross Section



109

Incident Energy (MeV)

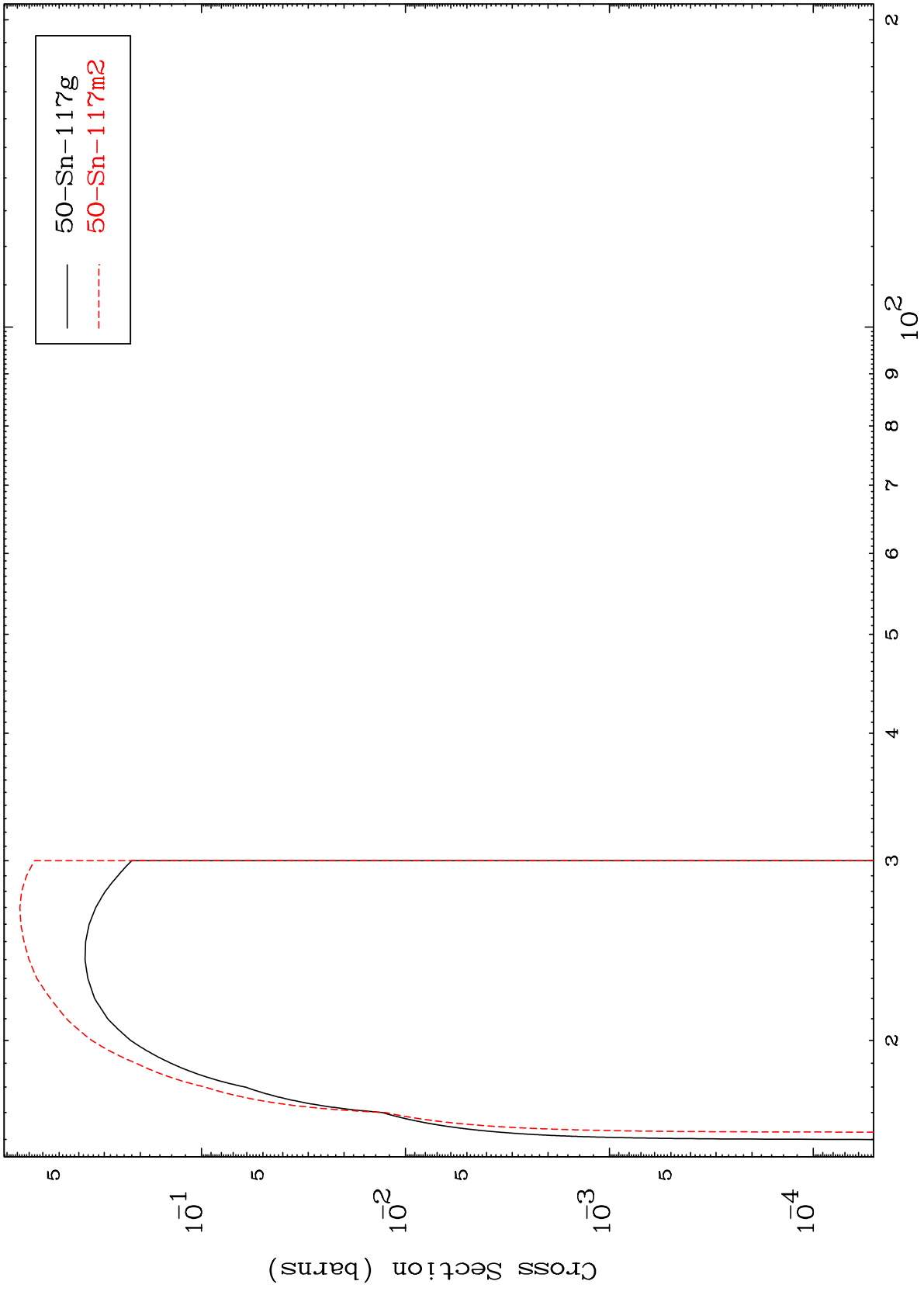
50-Sn-119

MAT 5046

(n,3n)

50-Sn-119

Radionuclide Production Cross Section



50-Sn-117g
50-Sn-117m2

110

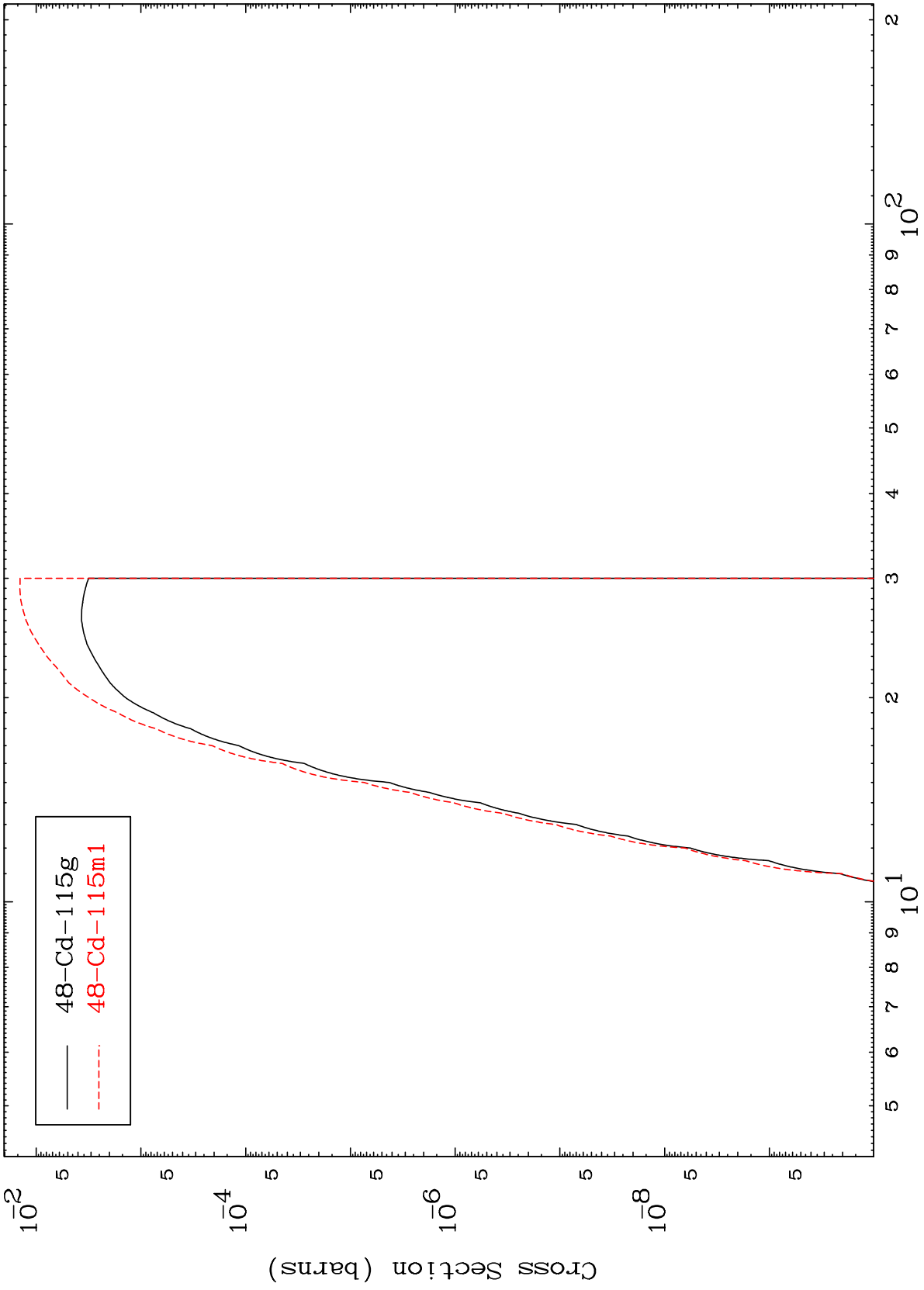
Incident Energy (MeV)

50-Sn-119

MAT 5046

50-Sn-119

(n,n') α
Radionuclide Production Cross Section



111

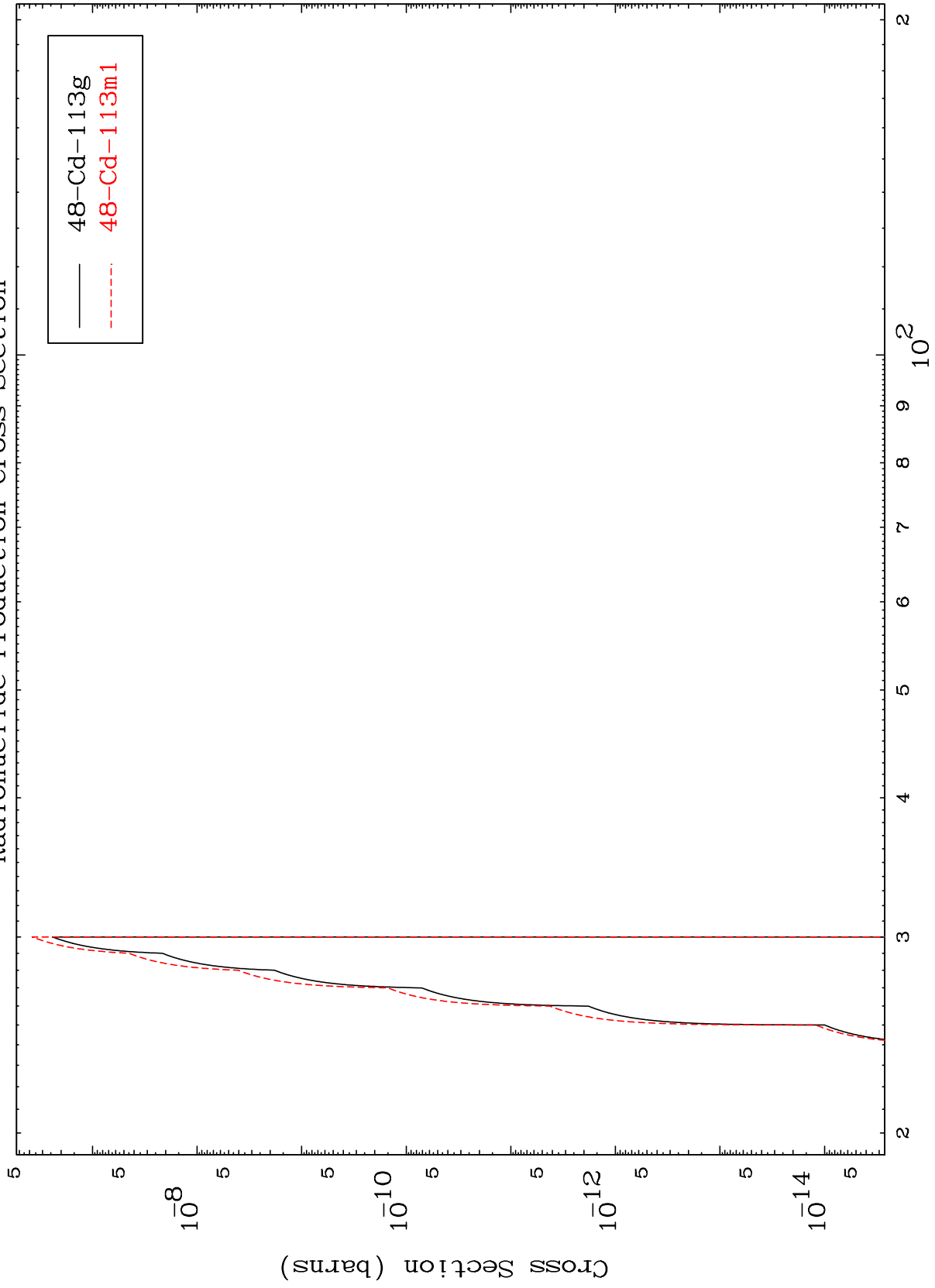
50-Sn-119

MAT 5046

(n,3n) α

50-Sn-119

Radionuclide Production Cross Section



112

Incident Energy (MeV)

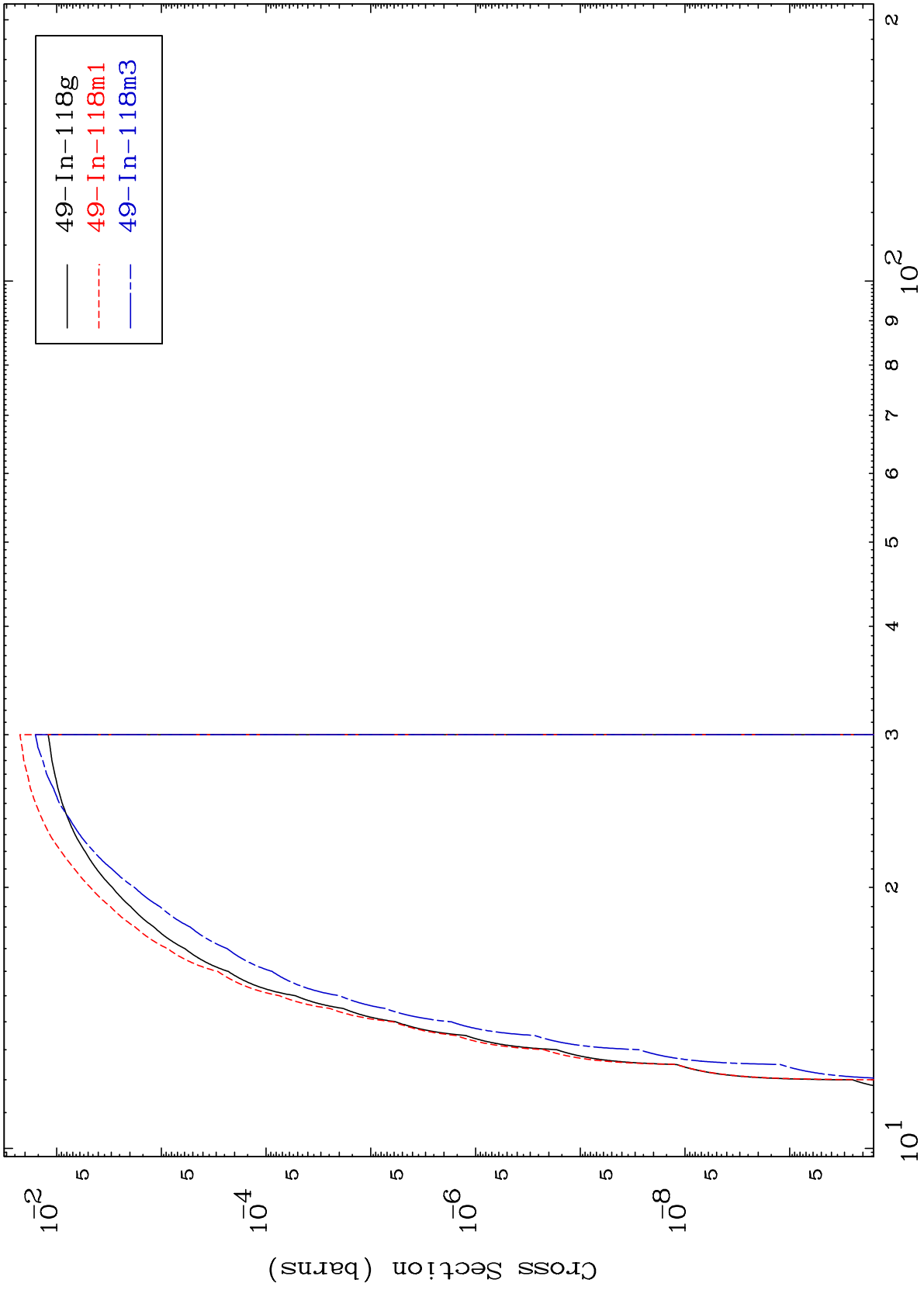
50-Sn-119

MAT 5046

(n,n') p

50-Sn-119

Radionuclide Production Cross Section



113

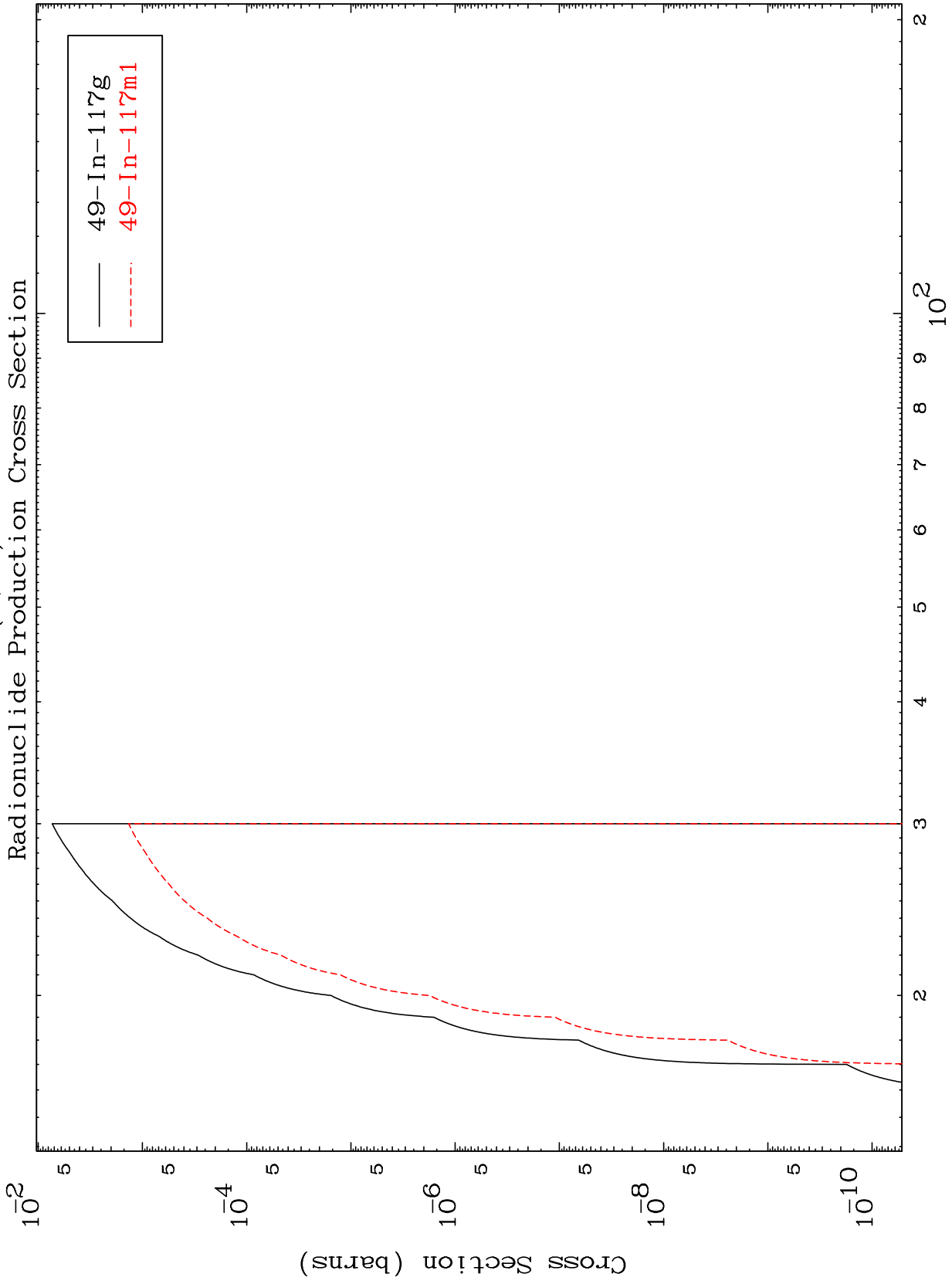
Incident Energy (MeV)

50-Sn-119

MAT 5046

(n,n') d

50-Sn-119



50-Sn-119

Incident Energy (MeV)

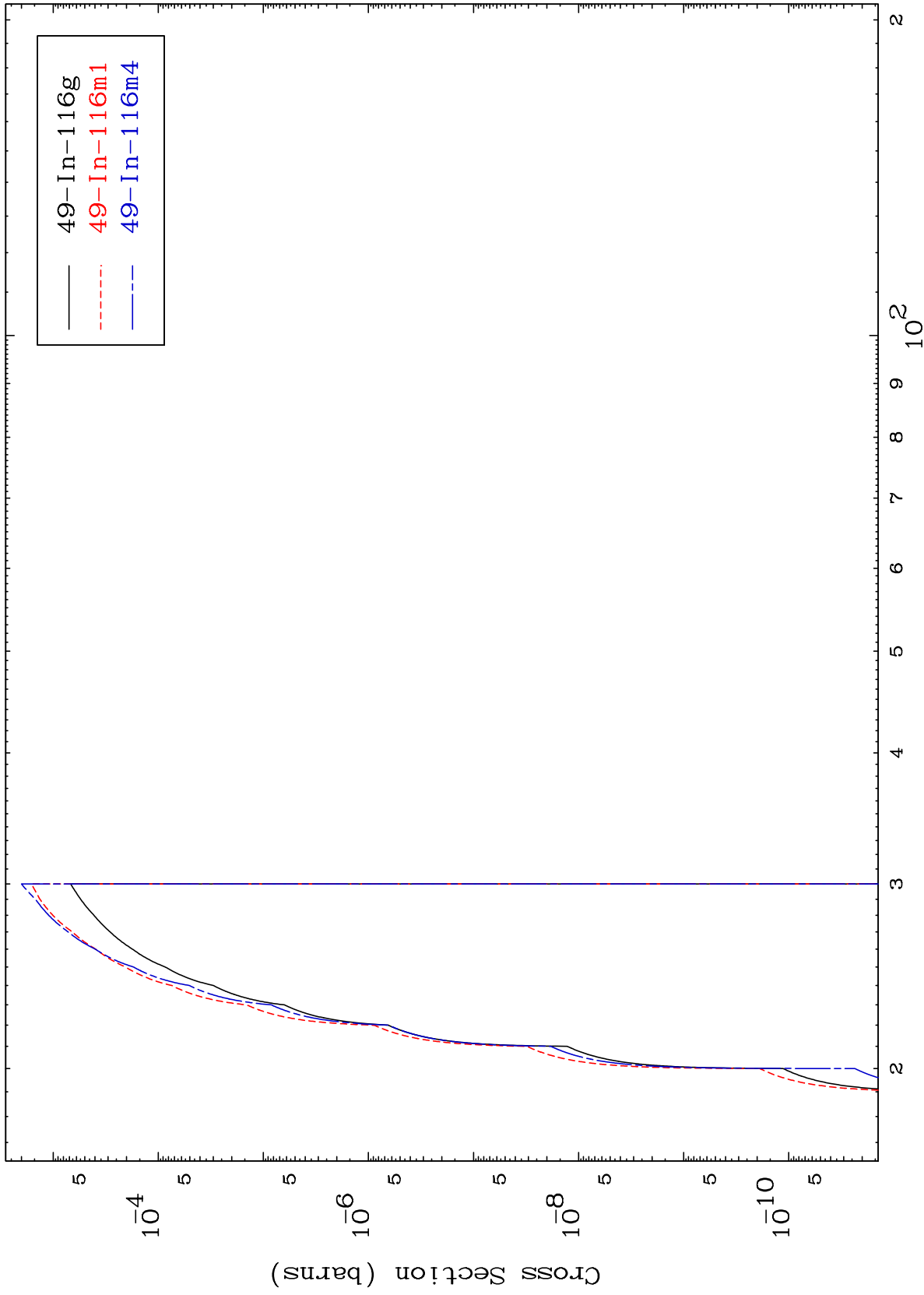
114

MAT 5046

(n,n') t

50-Sn-119

Radionuclide Production Cross Section



115

Incident Energy (MeV)

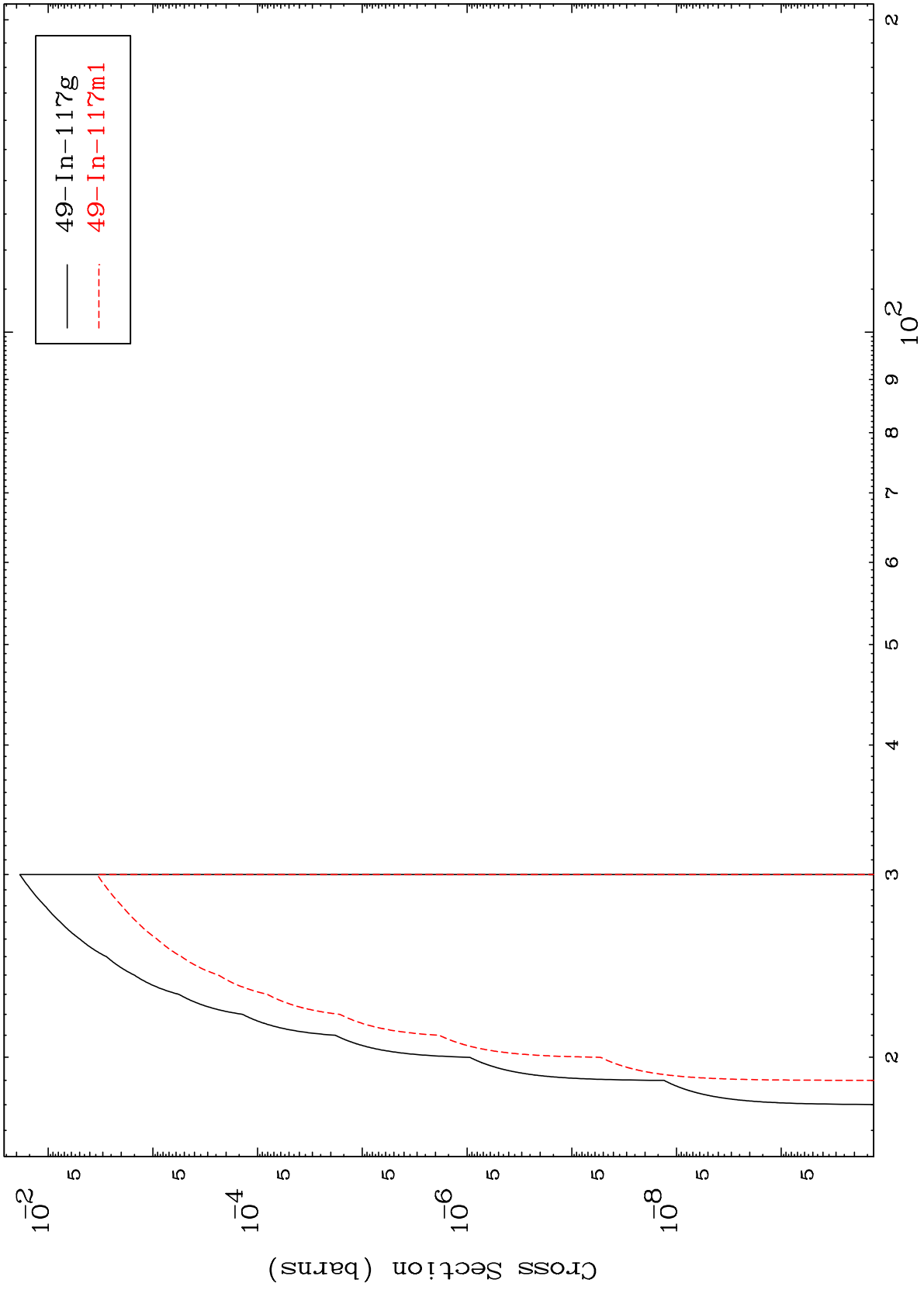
50-Sn-119

MAT 5046

(n,2n) p

50-Sn-119

Radionuclide Production Cross Section



116

Incident Energy (MeV)

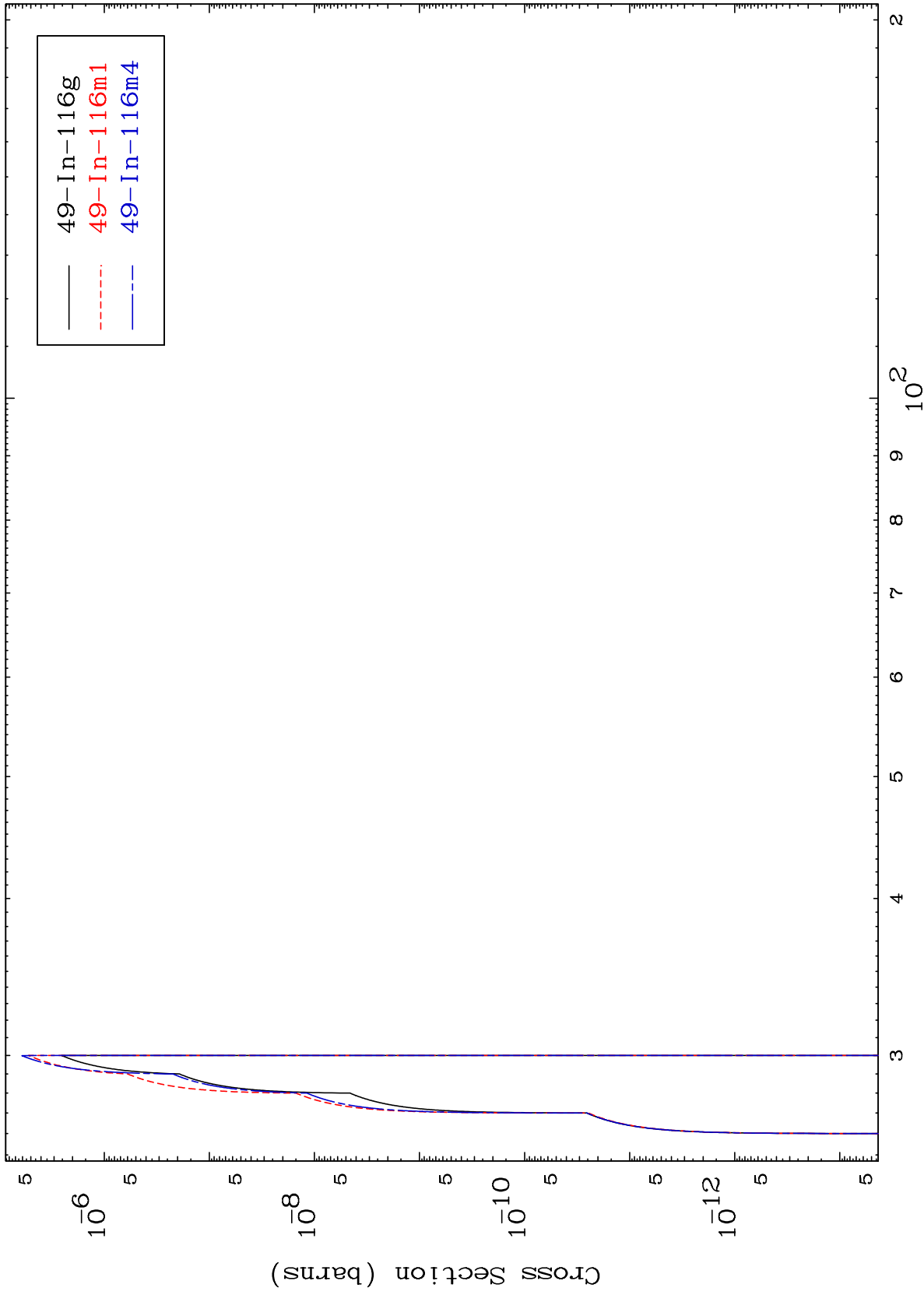
50-Sn-119

MAT 5046

(n,3n) p

50-Sn-119

Radionuclide Production Cross Section



117

Incident Energy (MeV)

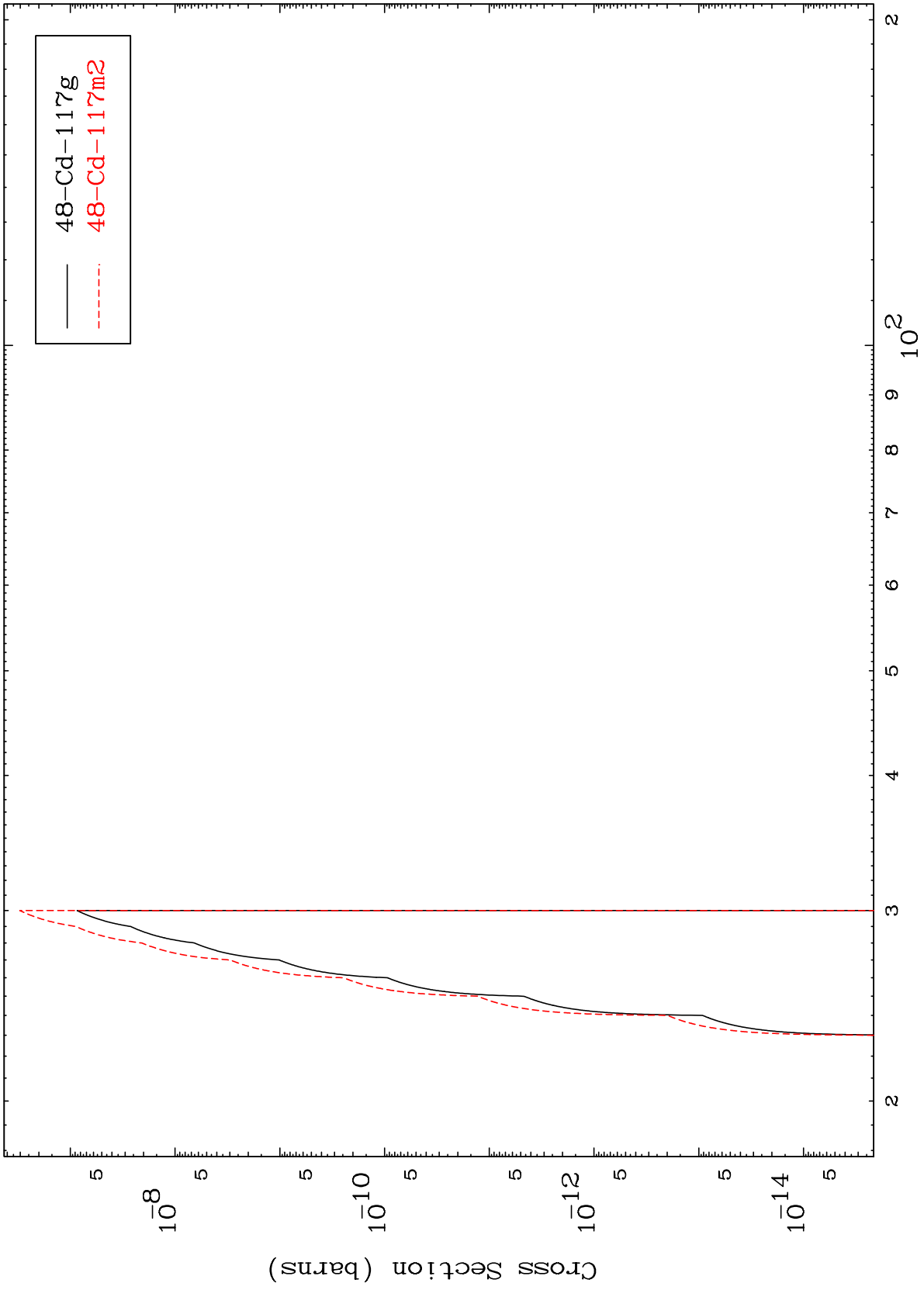
50-Sn-119

MAT 5046

(n,2n) p

50-Sn-119

Radionuclide Production Cross Section



118

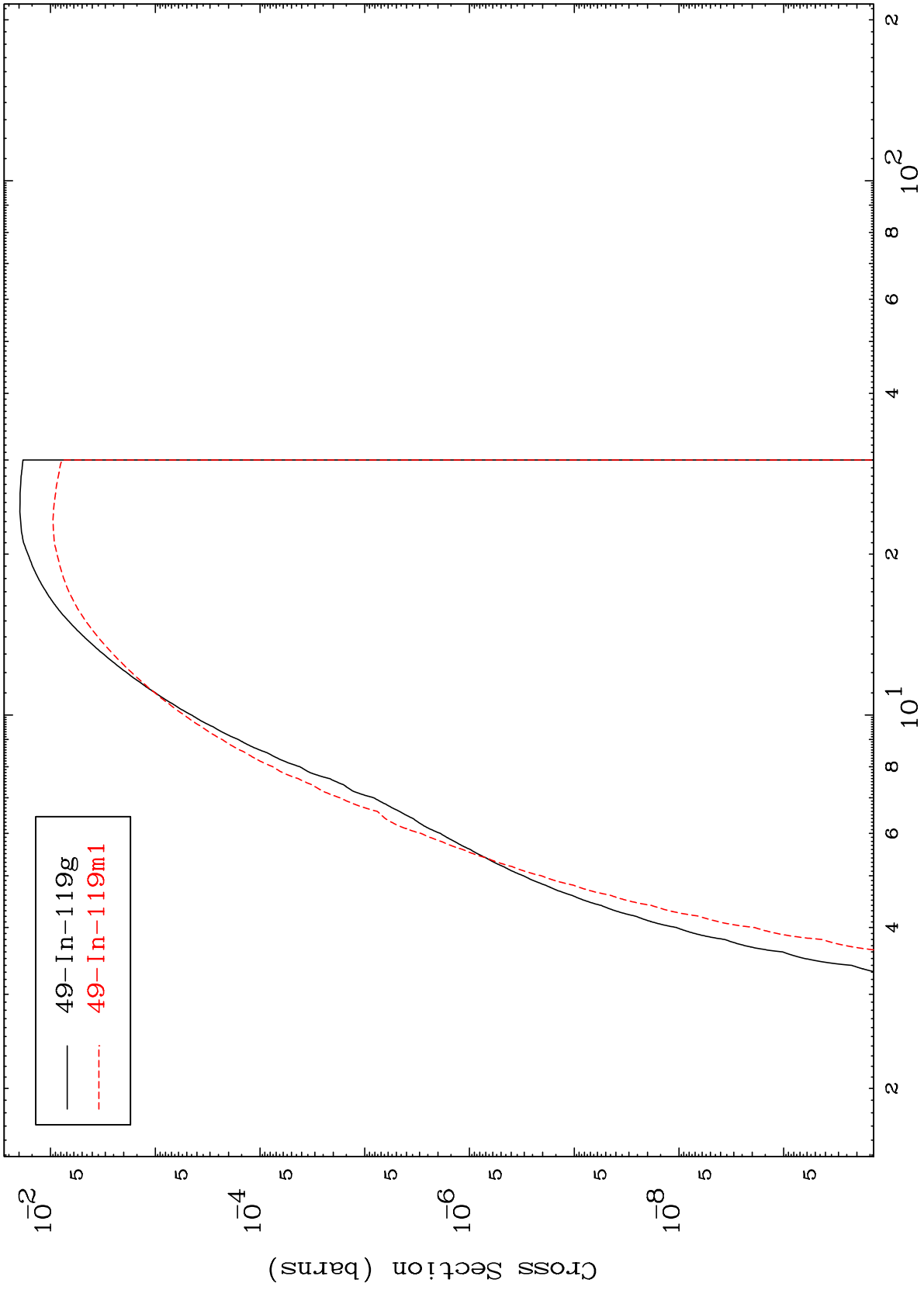
Incident Energy (MeV)

50-Sn-119

MAT 5046

50-Sn-119

(n,p)
Radionuclide Production Cross Section



119

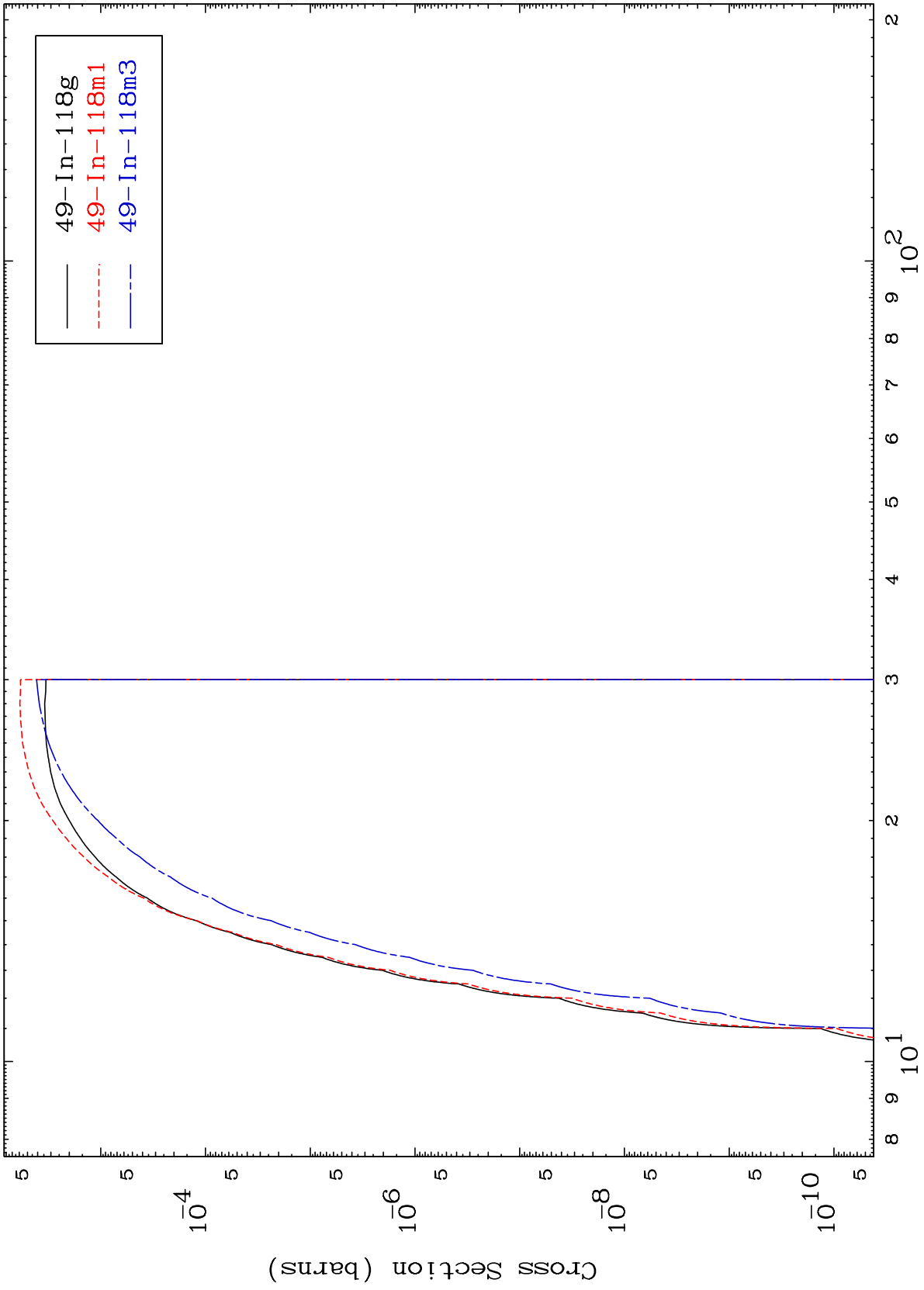
50-Sn-119

MAT 5046

(n,d)

50-Sn-119

Radionuclide Production Cross Section



120

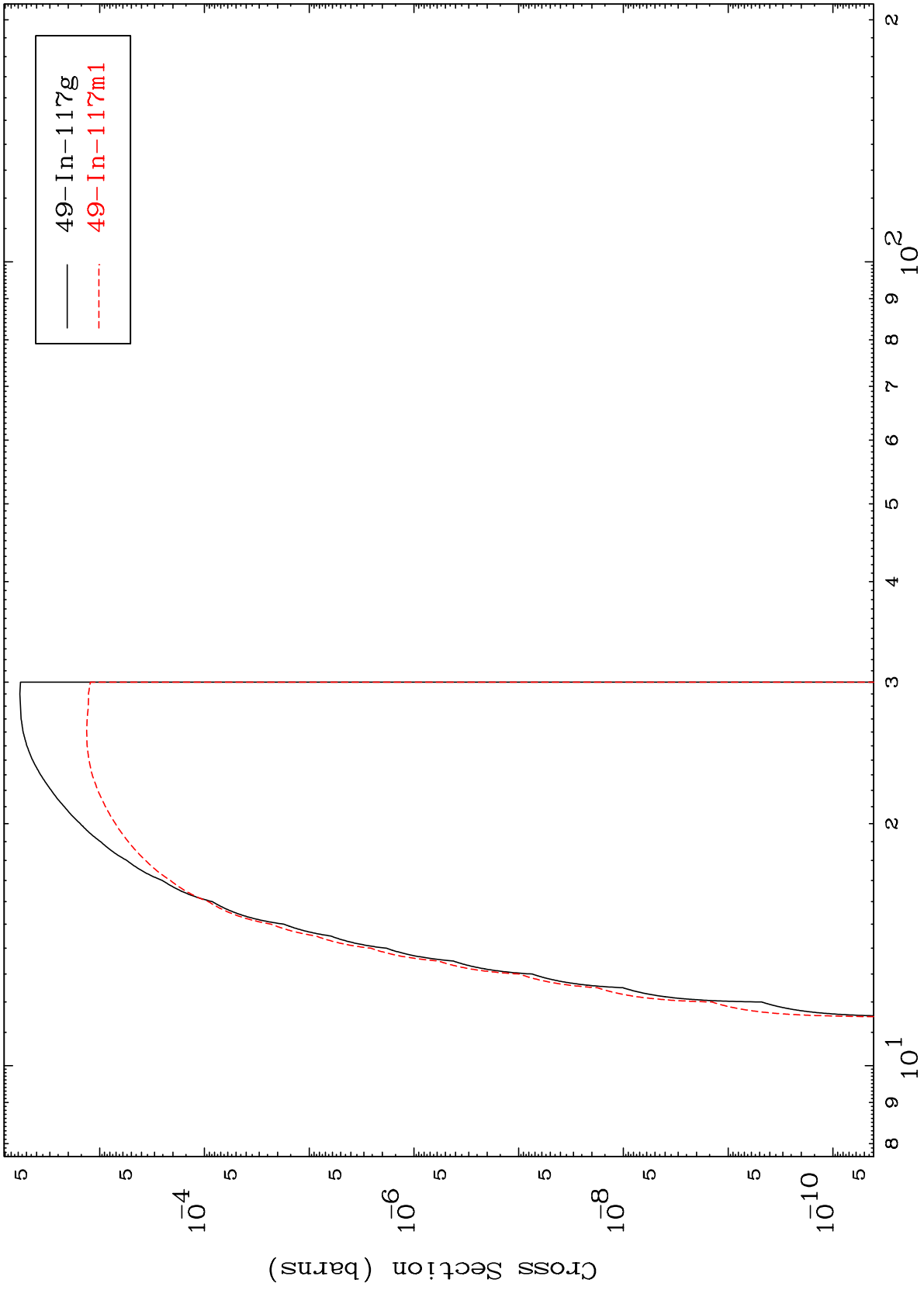
Incident Energy (MeV)

50-Sn-119

MAT 5046

50-Sn-119

(n, t)
Radionuclide Production Cross Section



121

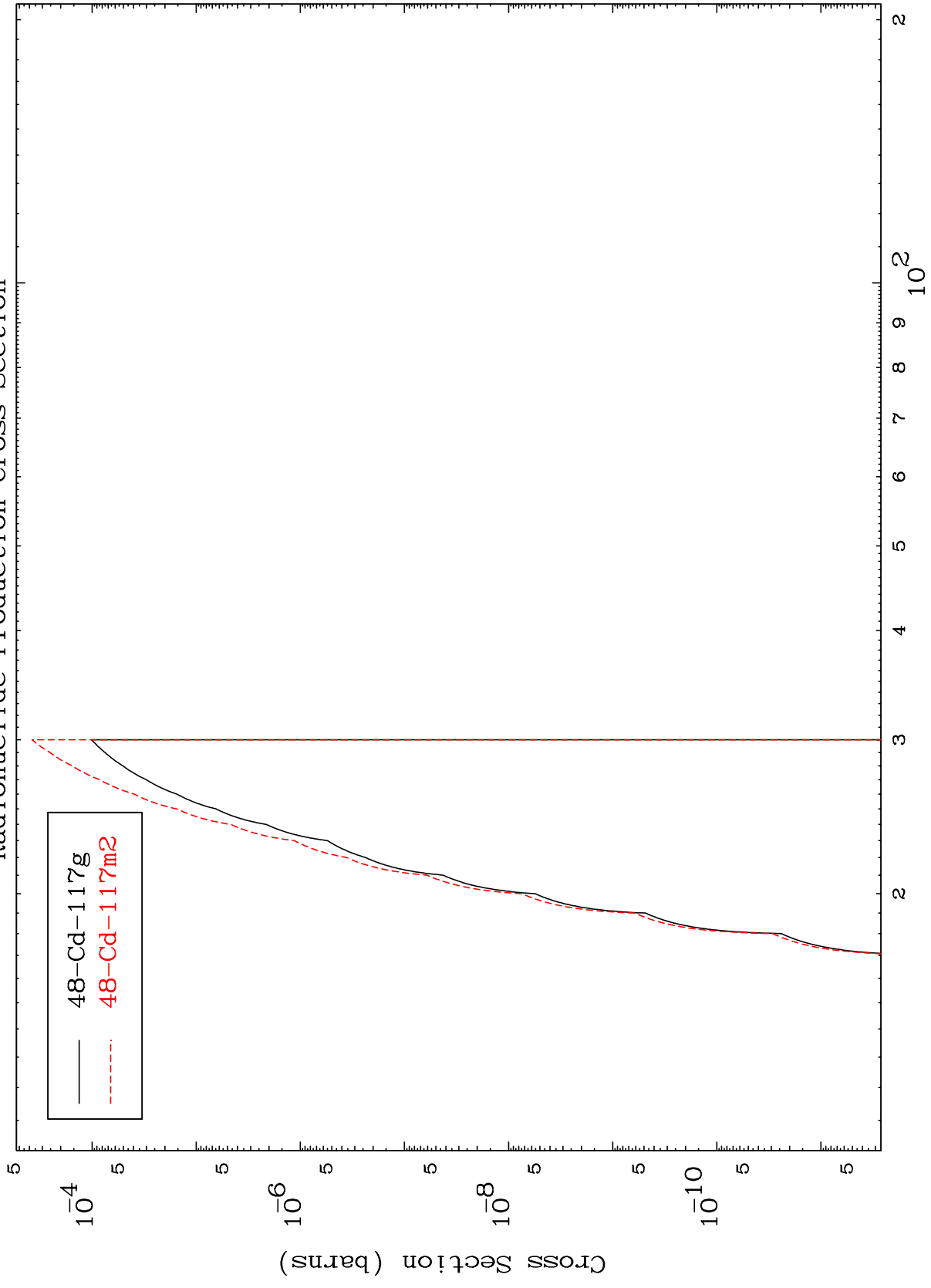
50-Sn-119

MAT 5046

(n,He-3)

50-Sn-119

Radionuclide Production Cross Section



48-Cd-117g
48-Cd-117m2

122

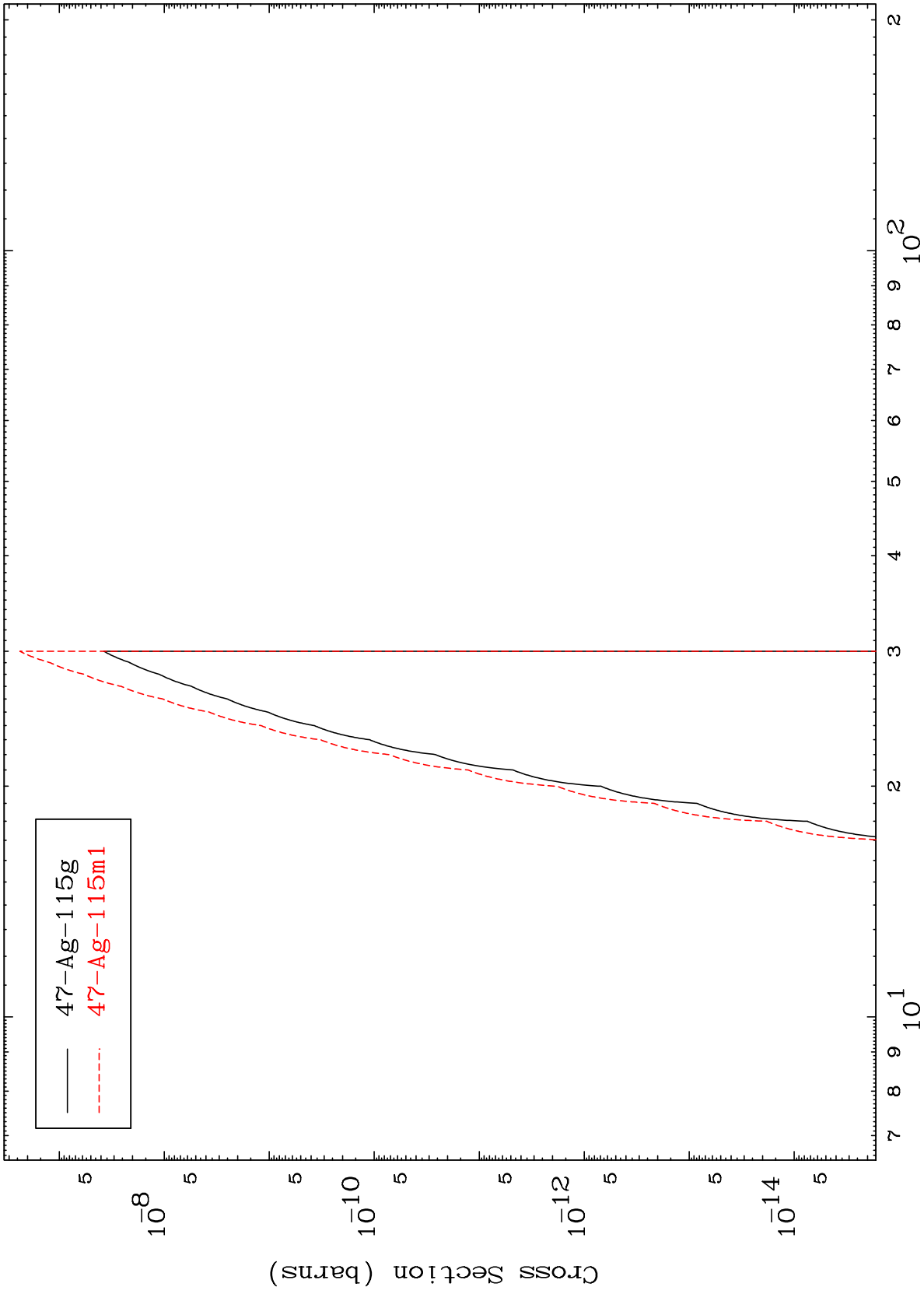
Incident Energy (MeV)

50-Sn-119

MAT 5046

50-Sn-119

(n,p) α
Radionuclide Production Cross Section



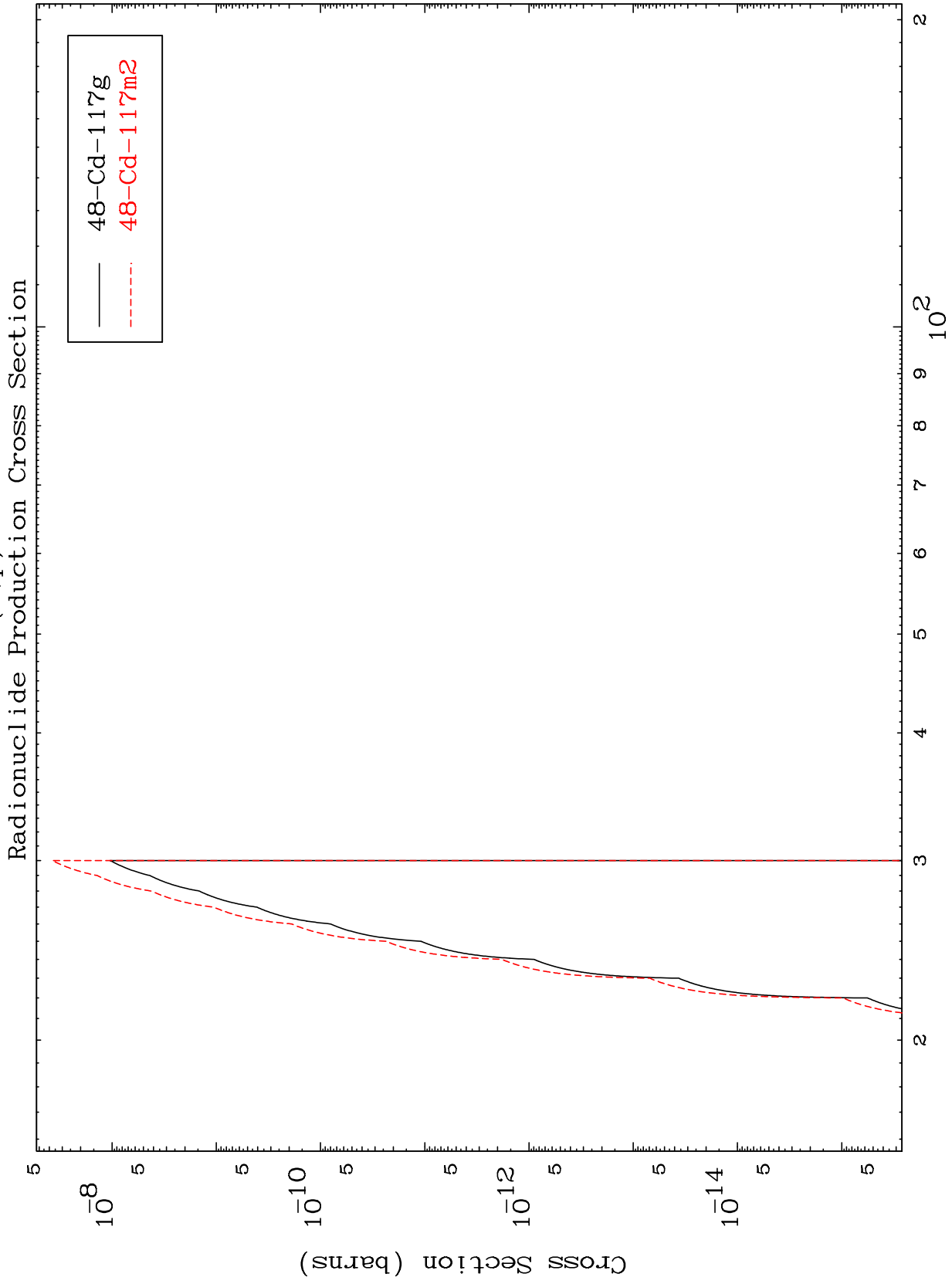
123

50-Sn-119

MAT 5046

(n,p) d

50-Sn-119



124

50-Sn-119

50-Sn-119