

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

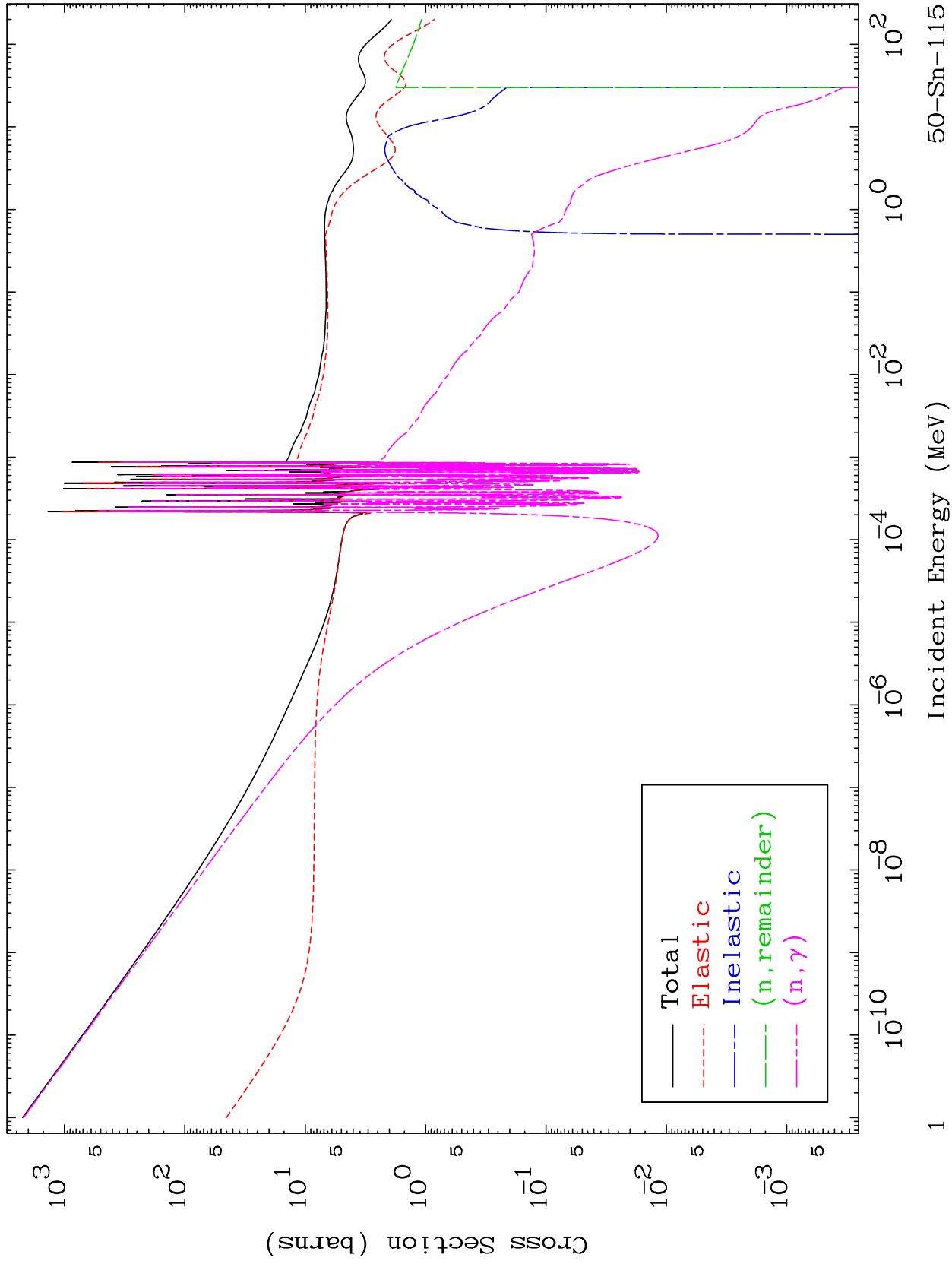
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5034

Major
293 Kelvin Cross Sections

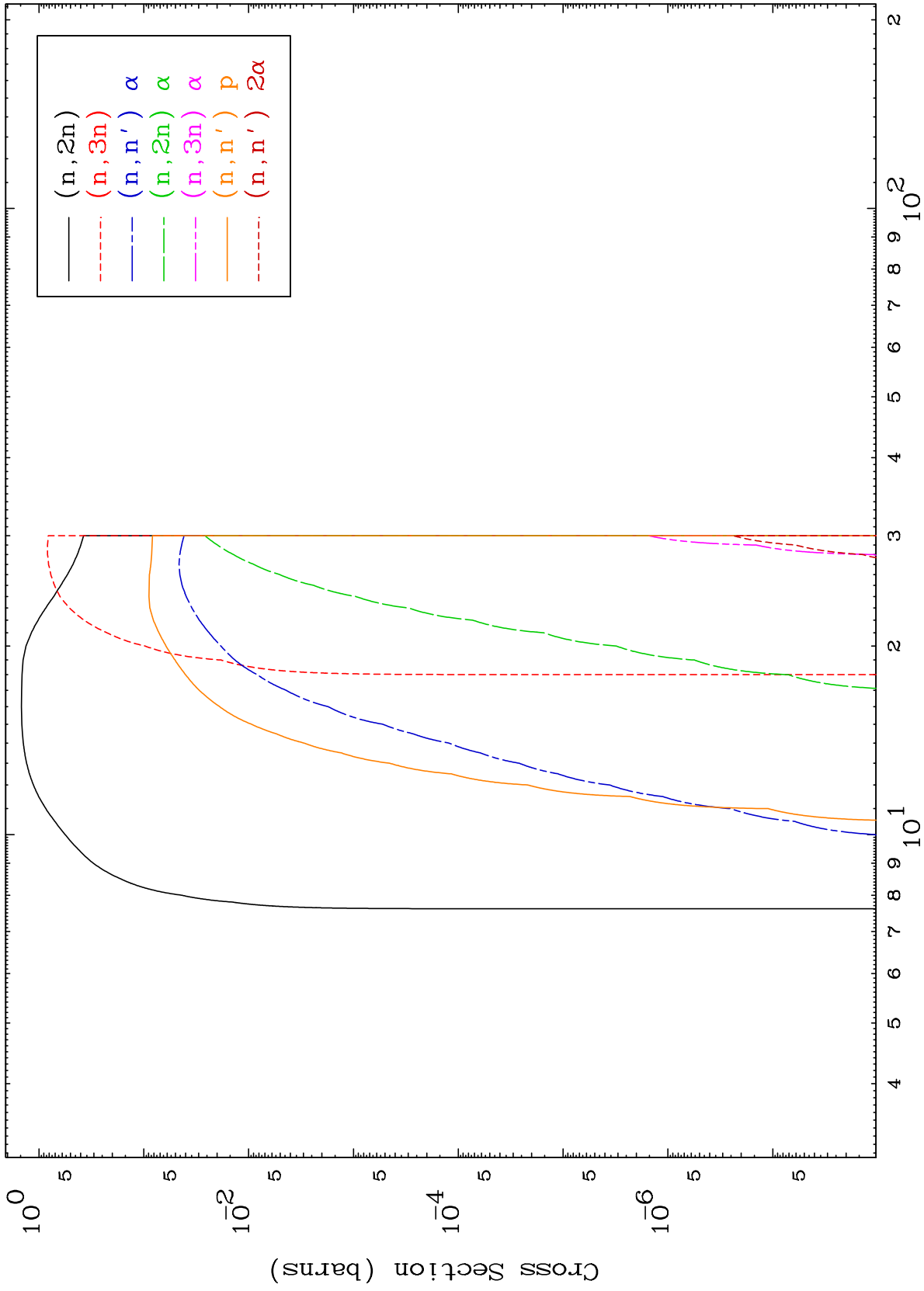
50-Sn-115



MAT 5034

Neutron Production
293 Kelvin Cross Sections

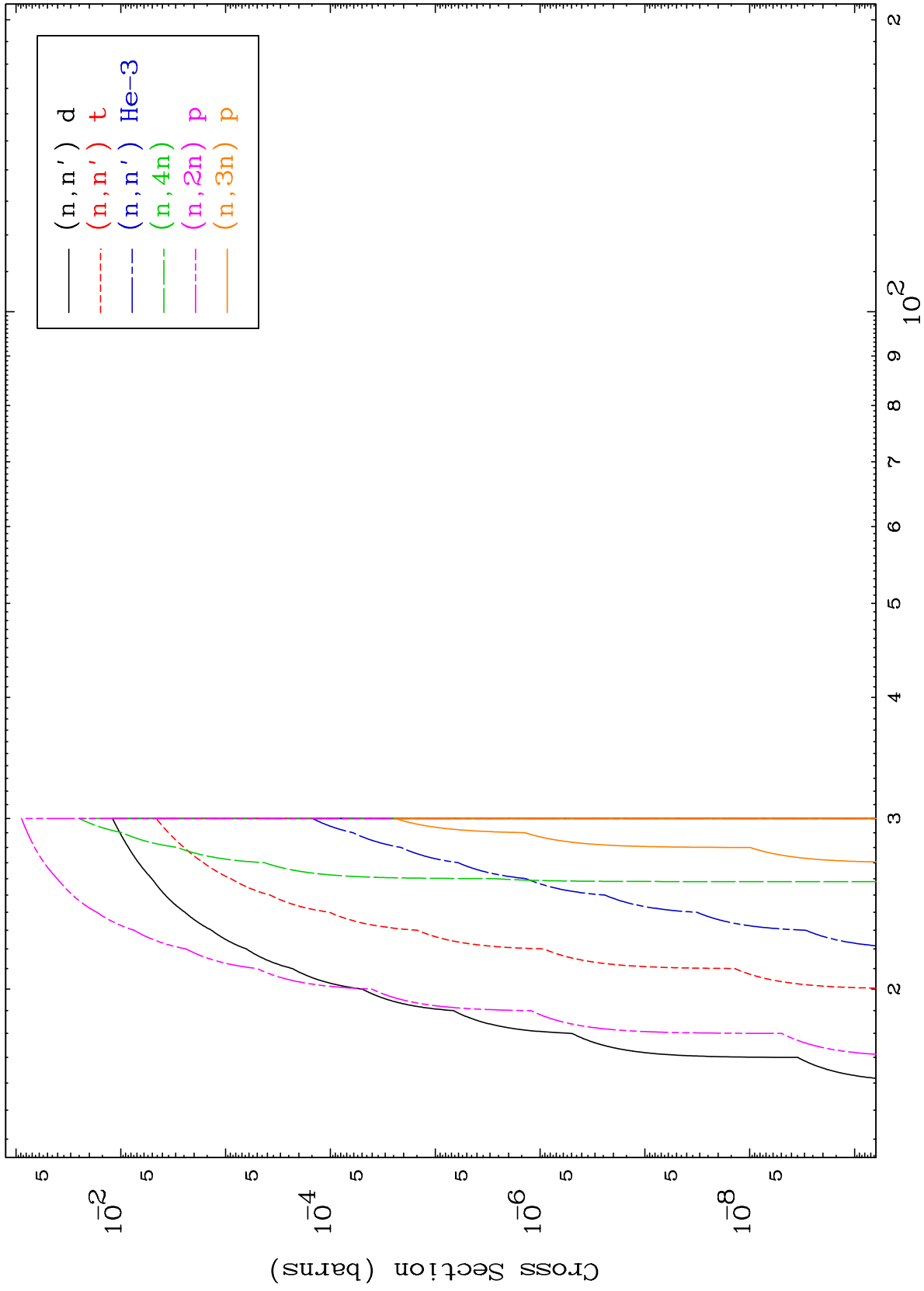
50-Sn-115

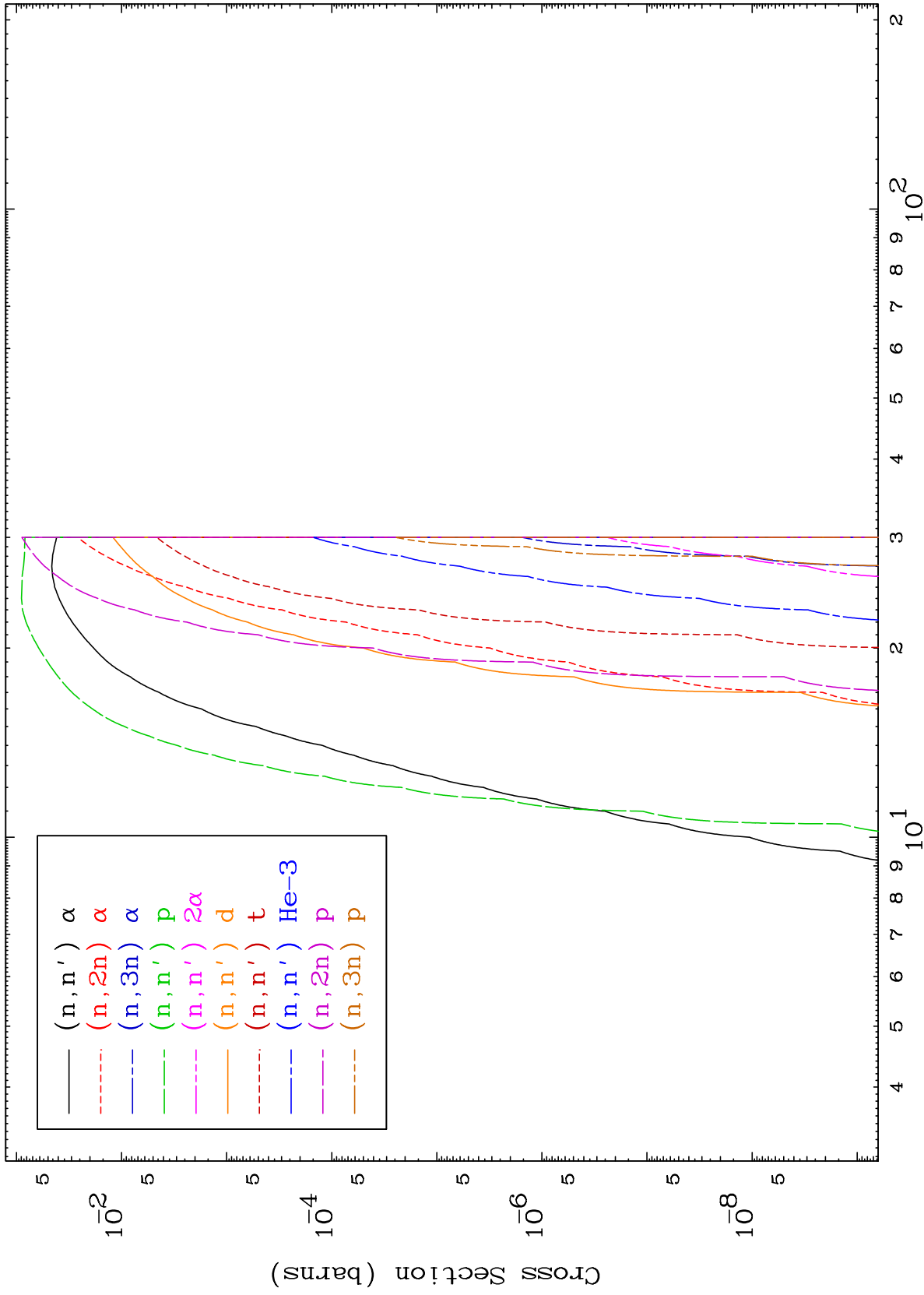


2

Incident Energy (MeV)

50-Sn-115

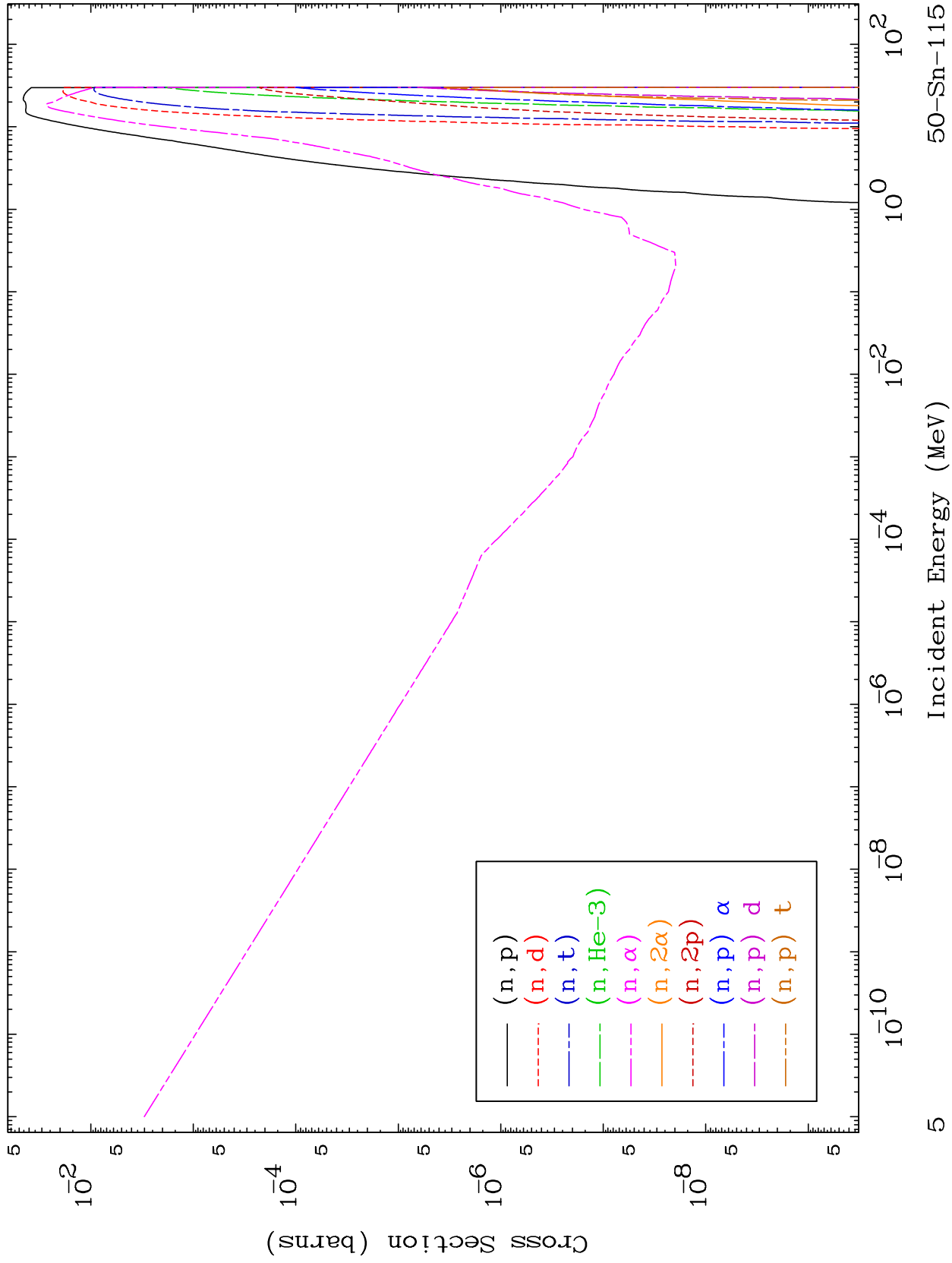




MAT 5034

293 Charged Particle
Kelvin Cross Sections

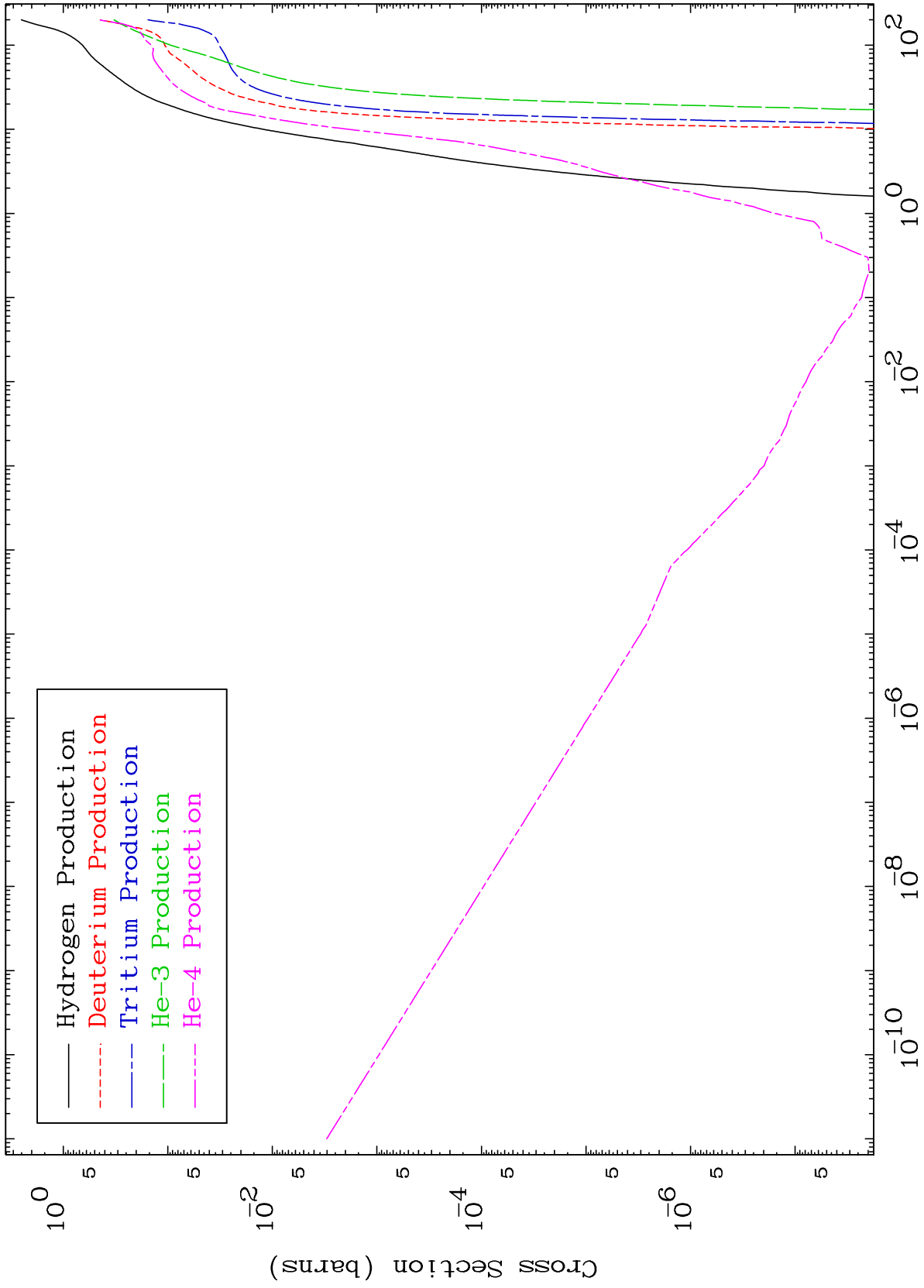
50-Sn-115



MAT 5034

Particle Production
293 Kelvin Cross Sections

50-Sn-115



6

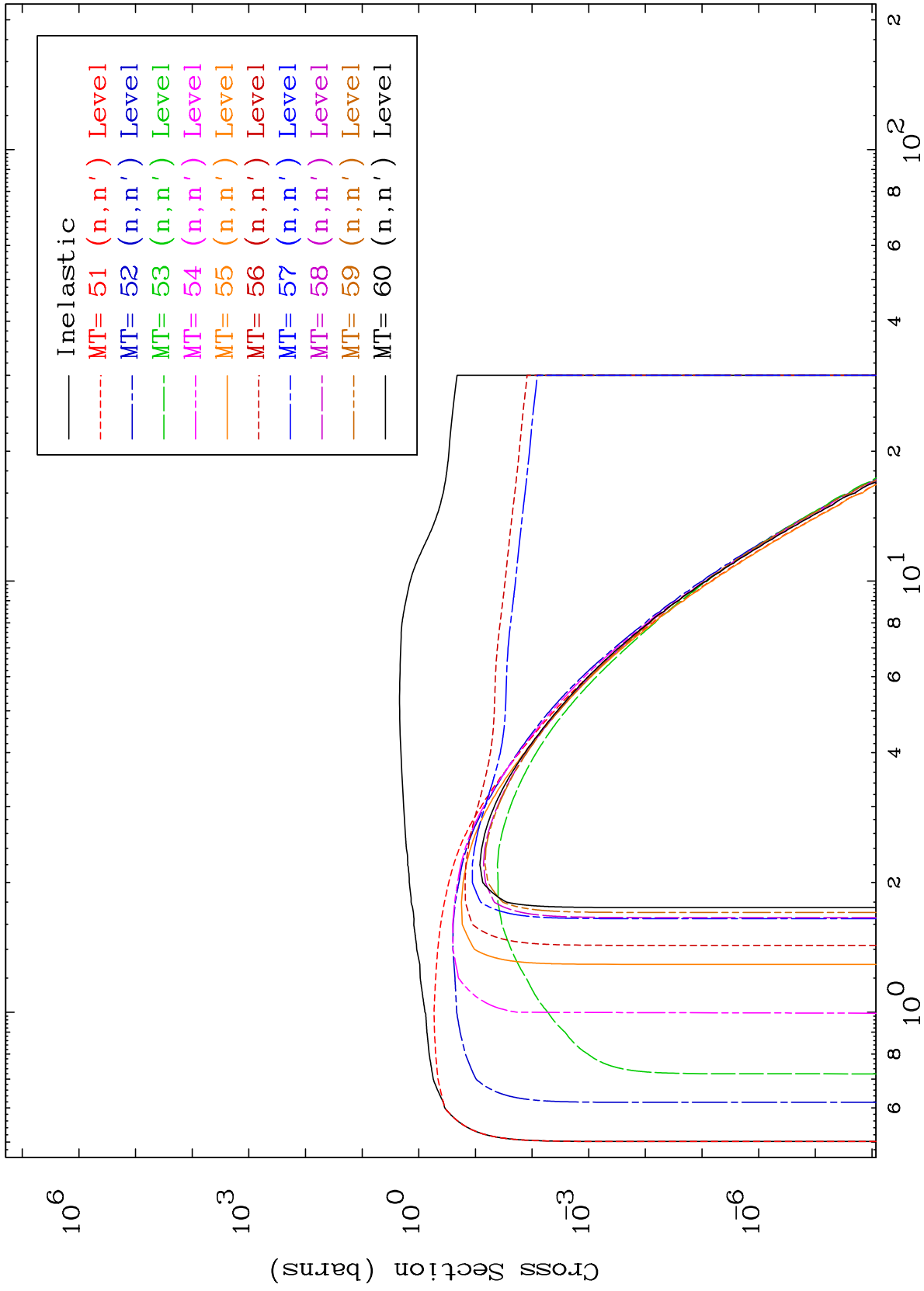
50-Sn-115

MAT 5034

(n,n') Level

50-Sn-115

293 Kelvin Cross Sections



7

Incident Energy (MeV)

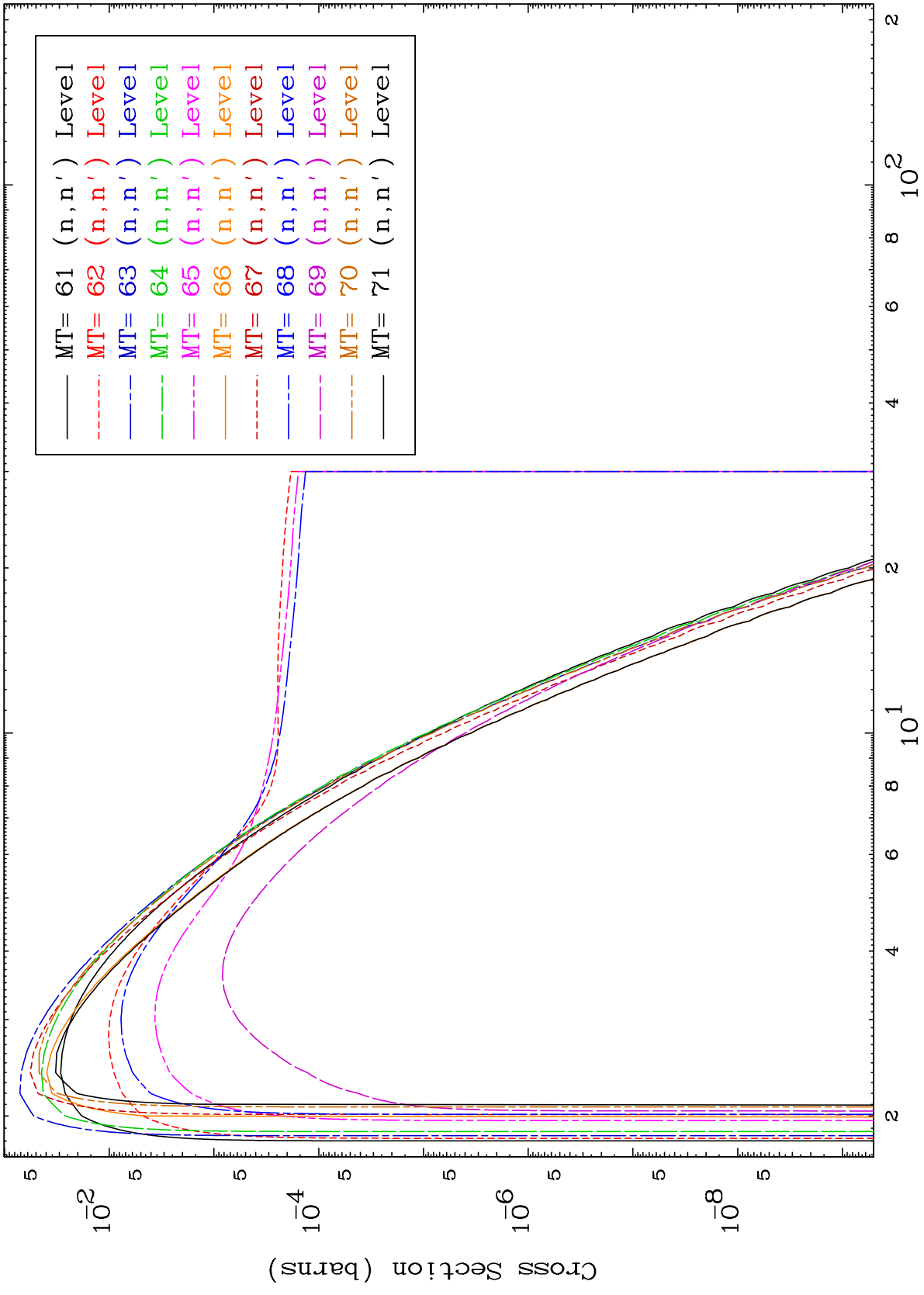
50-Sn-115

MAT 5034

(n,n') Level

293 Kelvin Cross Sections

50-Sn-115



8

Incident Energy (MeV)

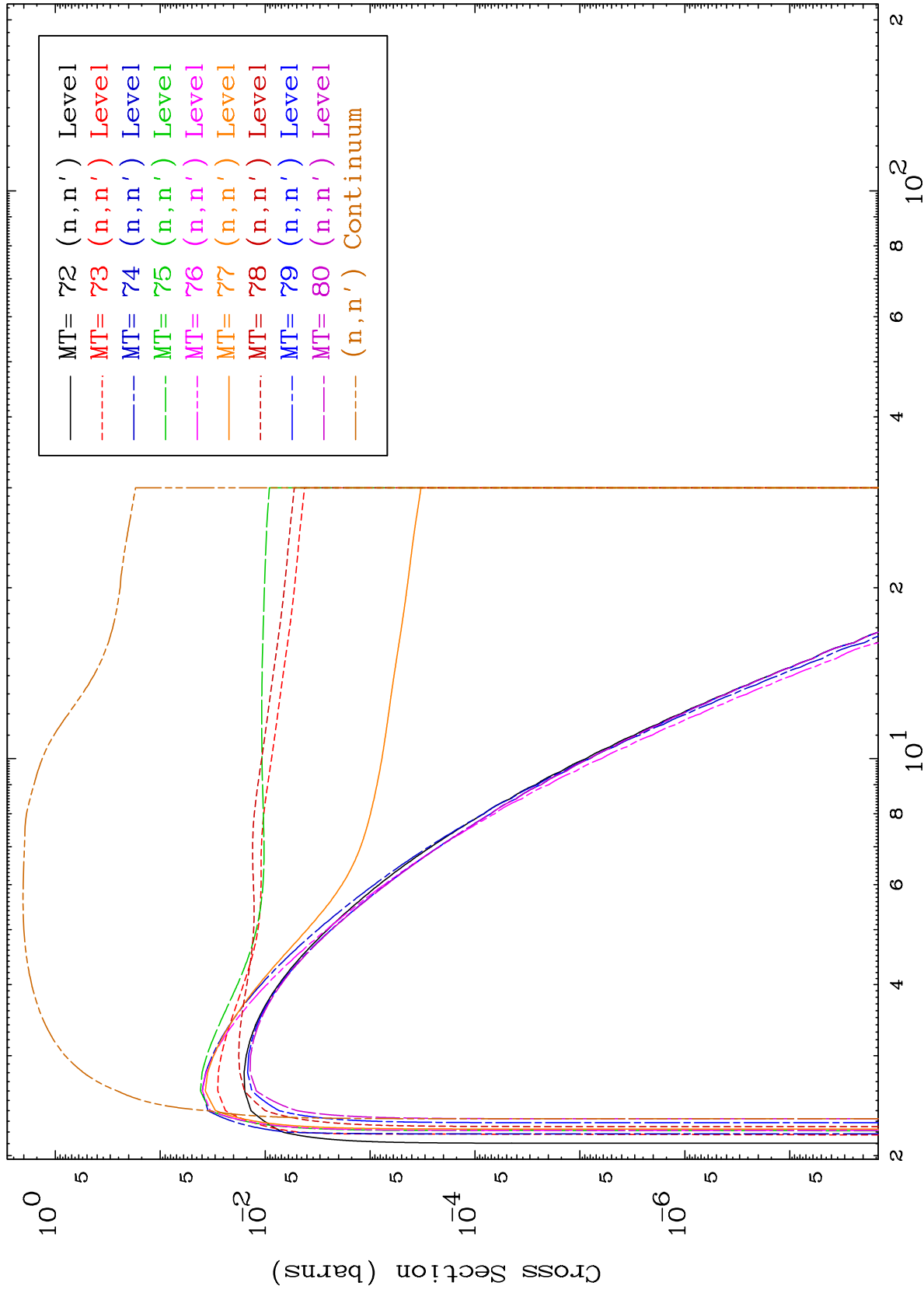
50-Sn-115

MAT 5034

(n,n') Level

293 Kelvin Cross Sections

50-Sn-115



9

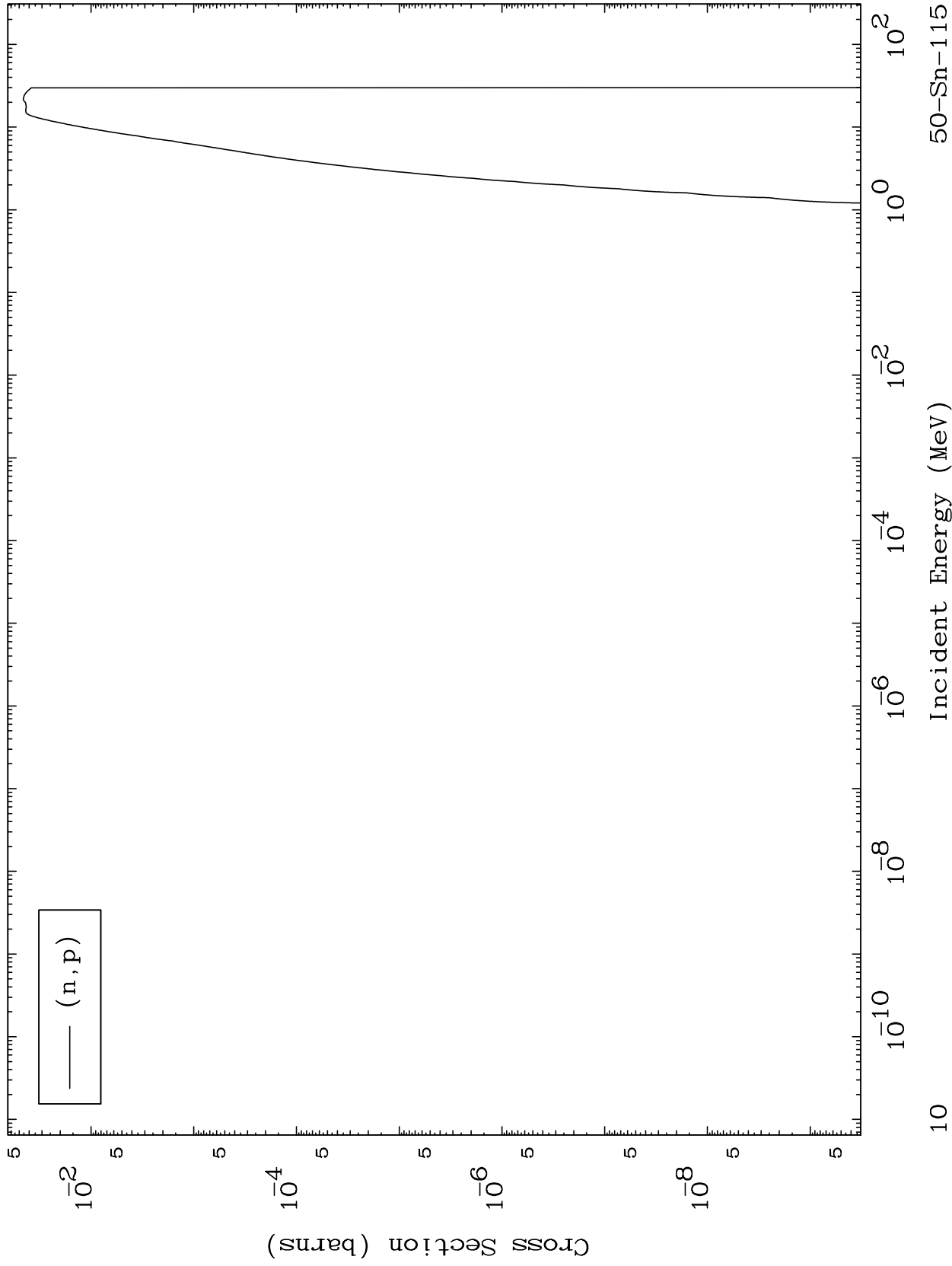
Incident Energy (MeV)

50-Sn-115

MAT 5034

(n,p) Levels
293 Kelvin Cross Sections

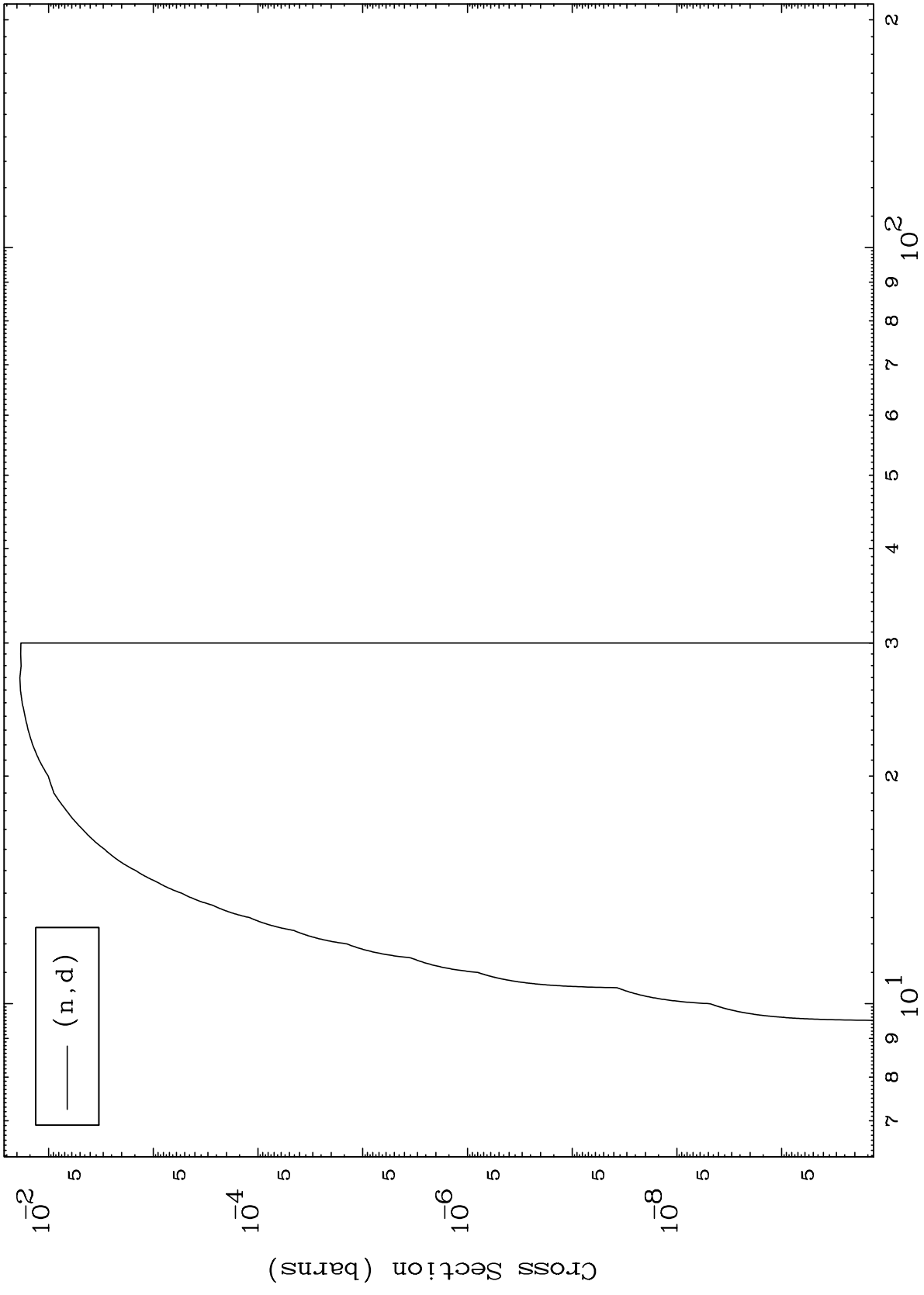
50-Sn-115



MAT 5034

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-115



11

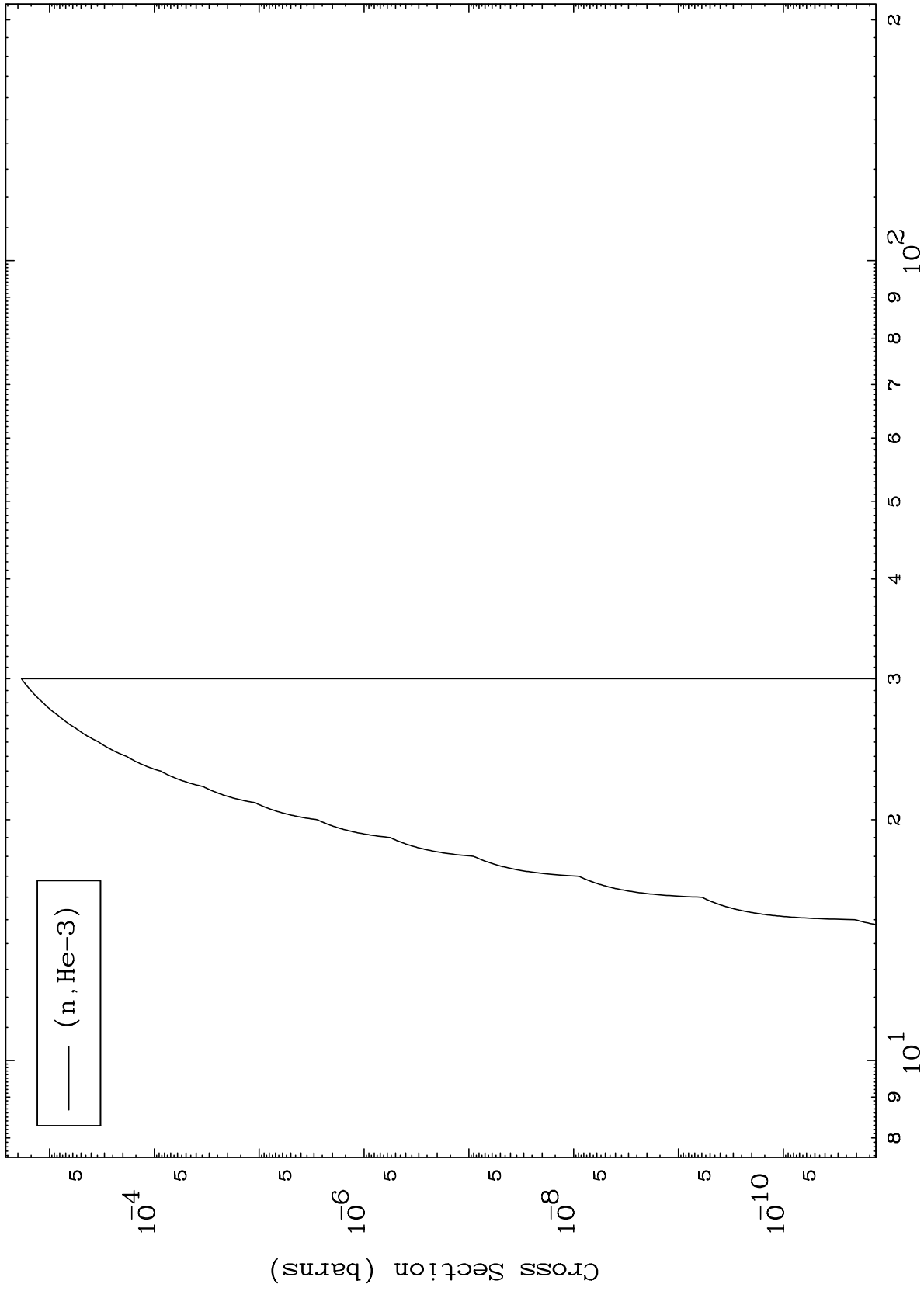
Incident Energy (MeV)

50-Sn-115

MAT 5034

(n,He3) Levels
293 Kelvin Cross Sections

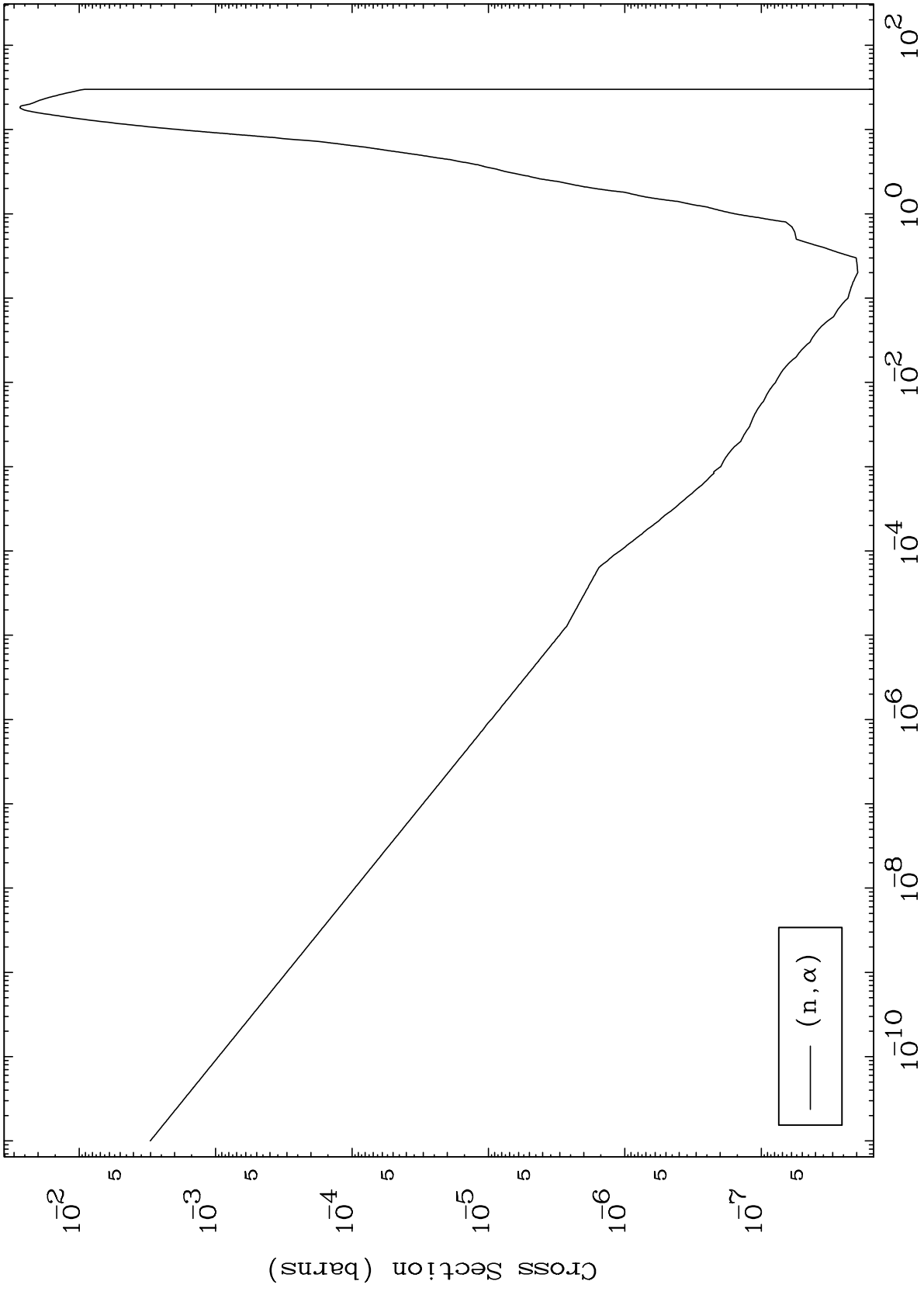
50-Sn-115

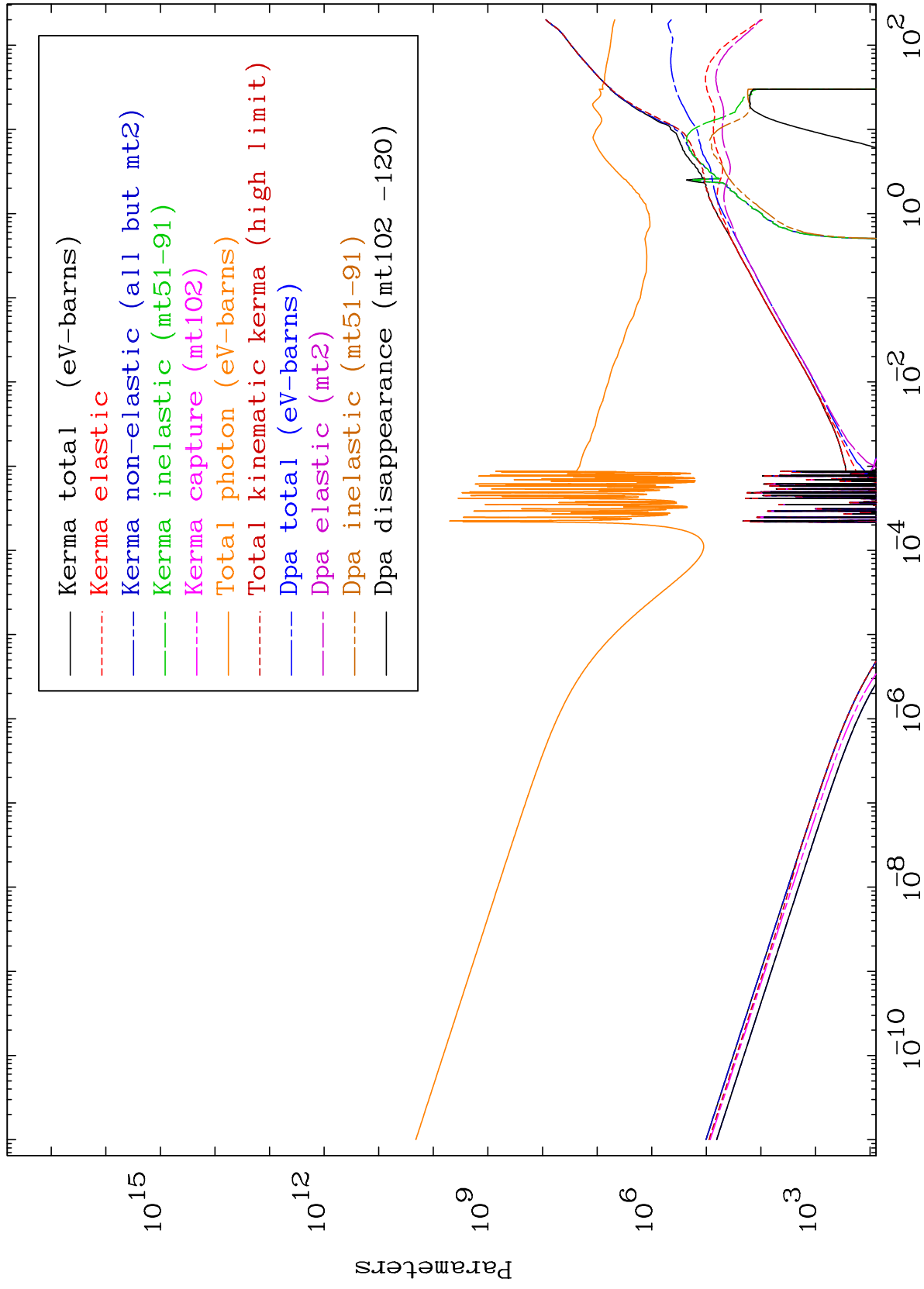


MAT 5034

293 Kelvin Cross Sections
(n,α) Levels

50-Sn-115

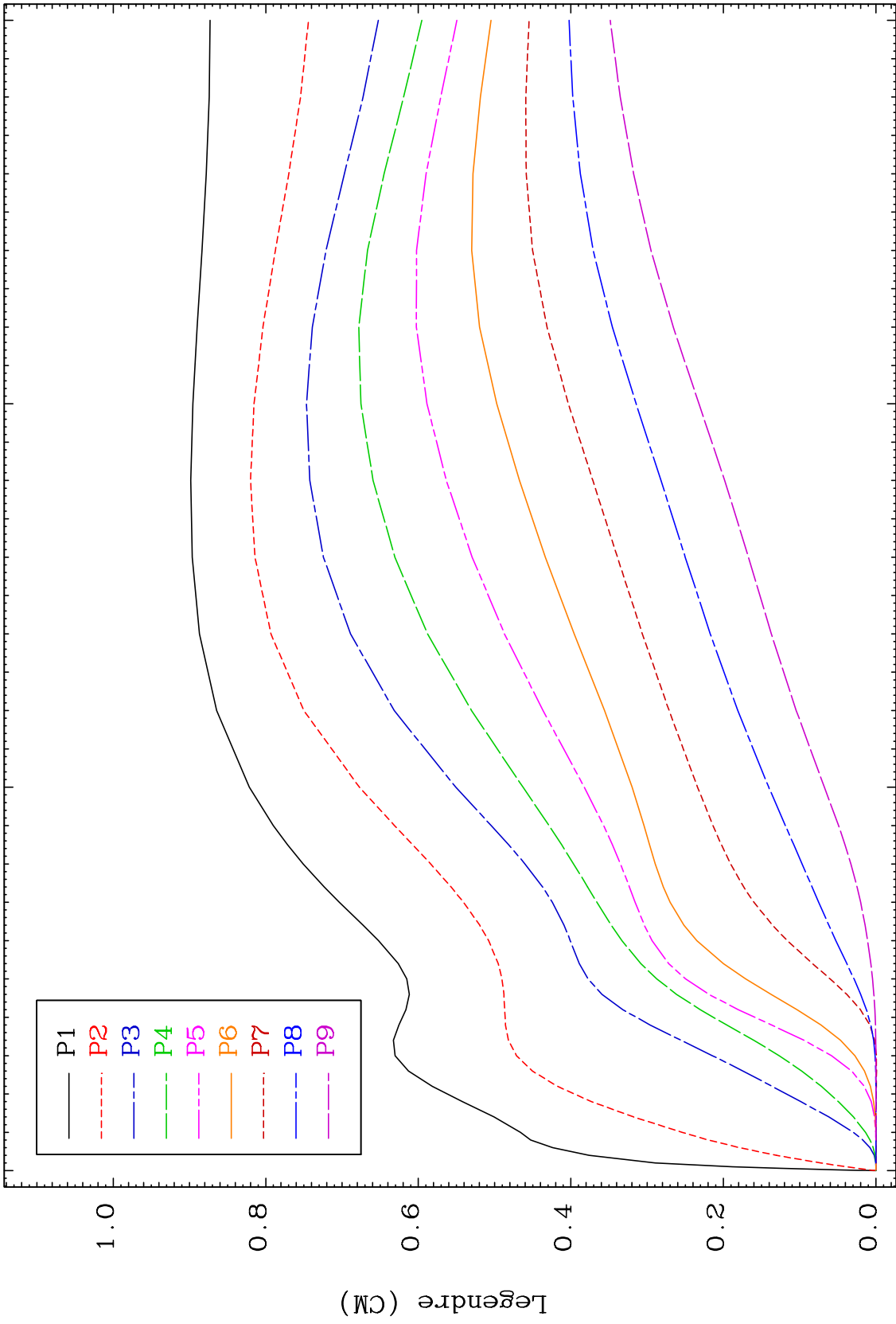




MAT 5034

Elastic Legendre Coefficients

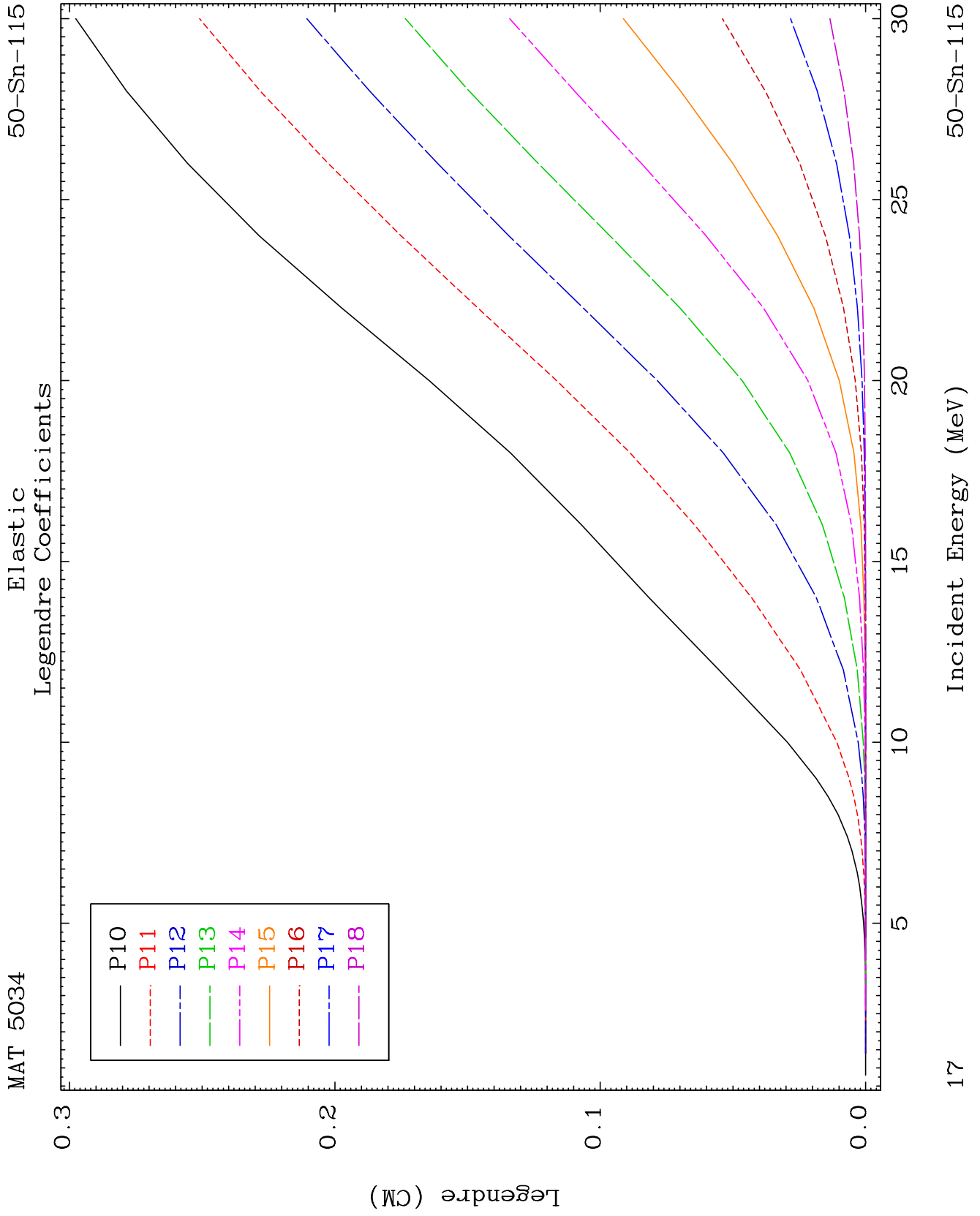
50-Sn-115



16

Incident Energy (MeV)

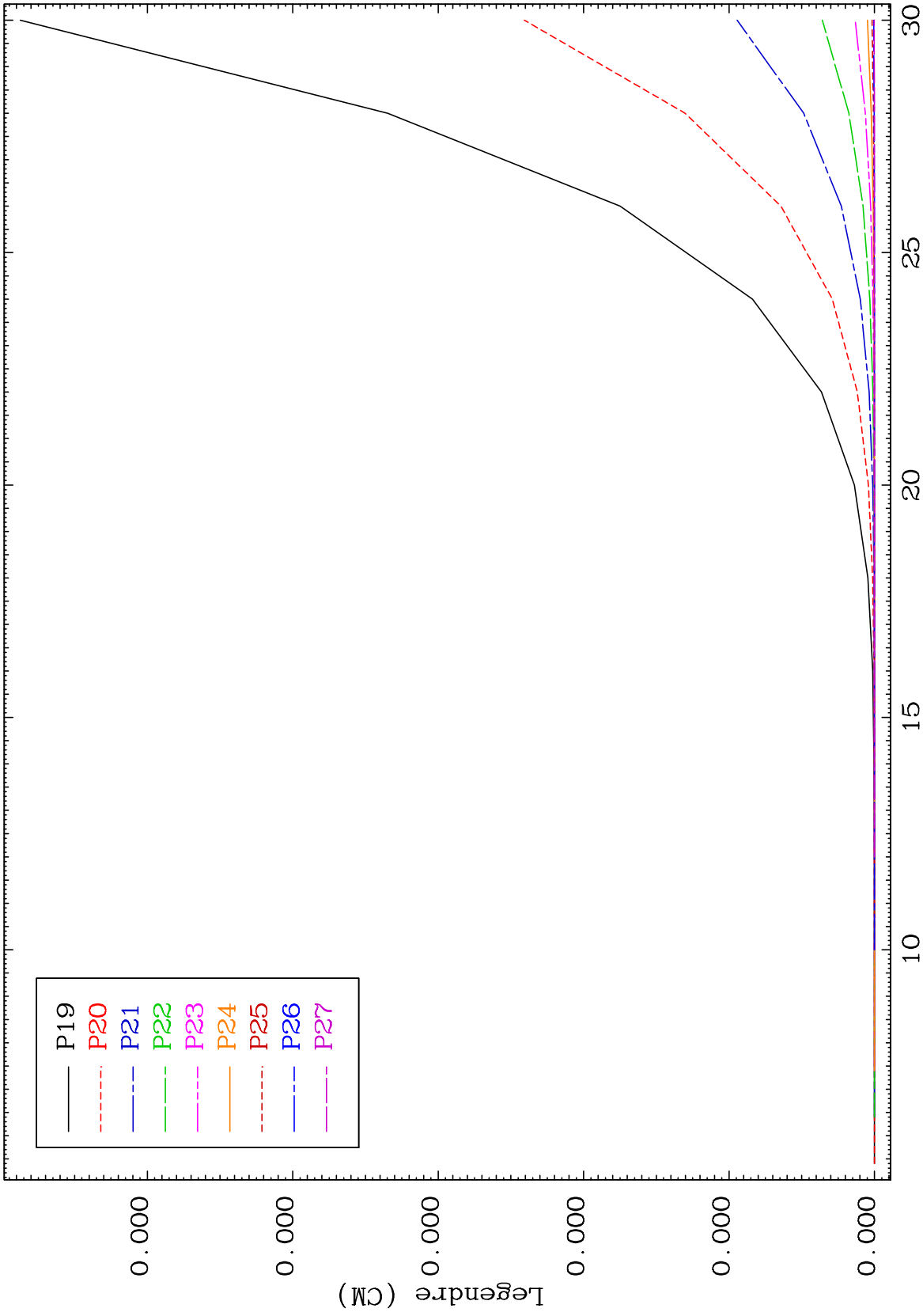
50-Sn-115



MAT 5034

Elastic
Legendre Coefficients

50-Sn-115



18

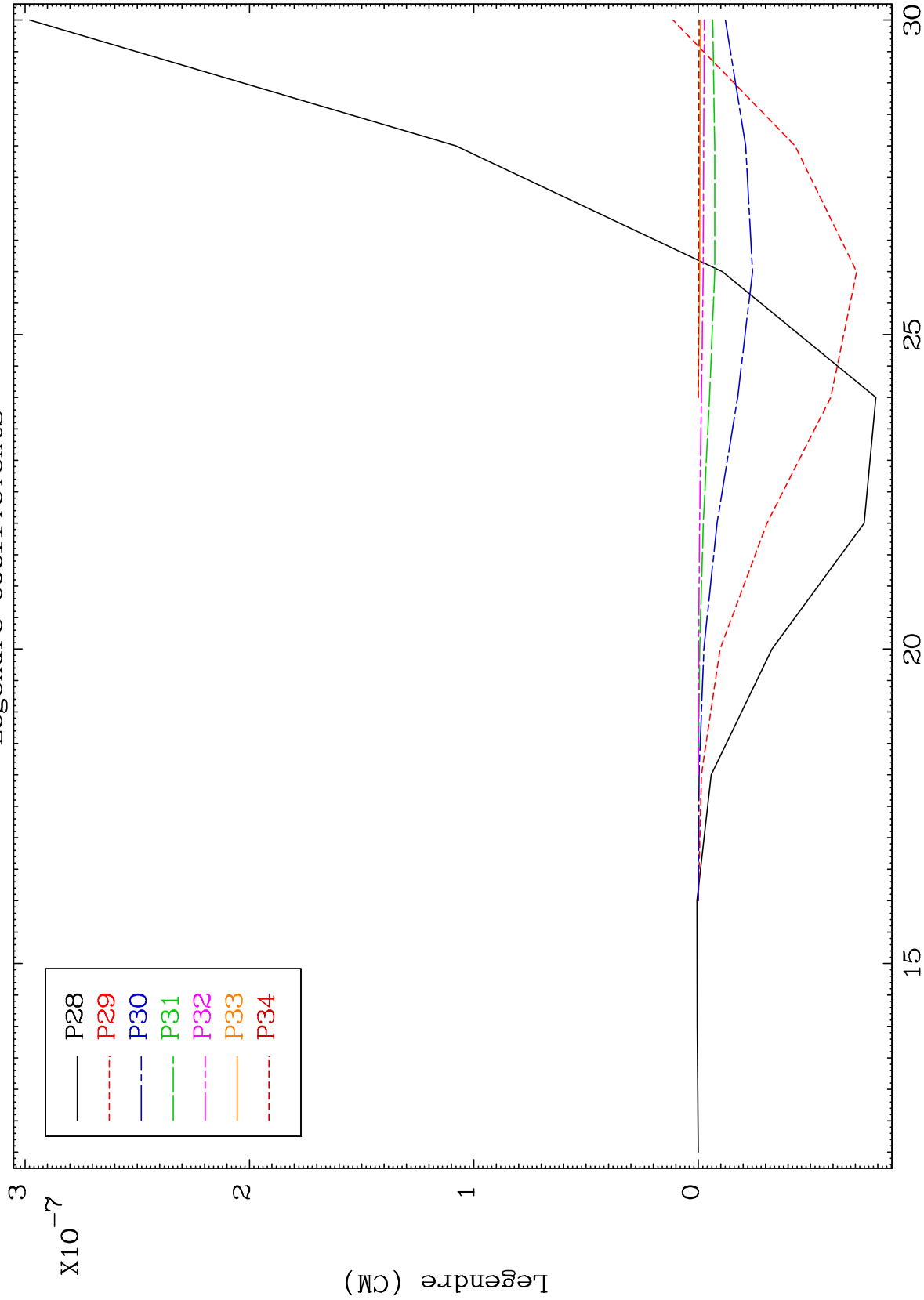
Incident Energy (MeV)

50-Sn-115

MAT 5034

Elastic Legendre Coefficients

50-Sn-115

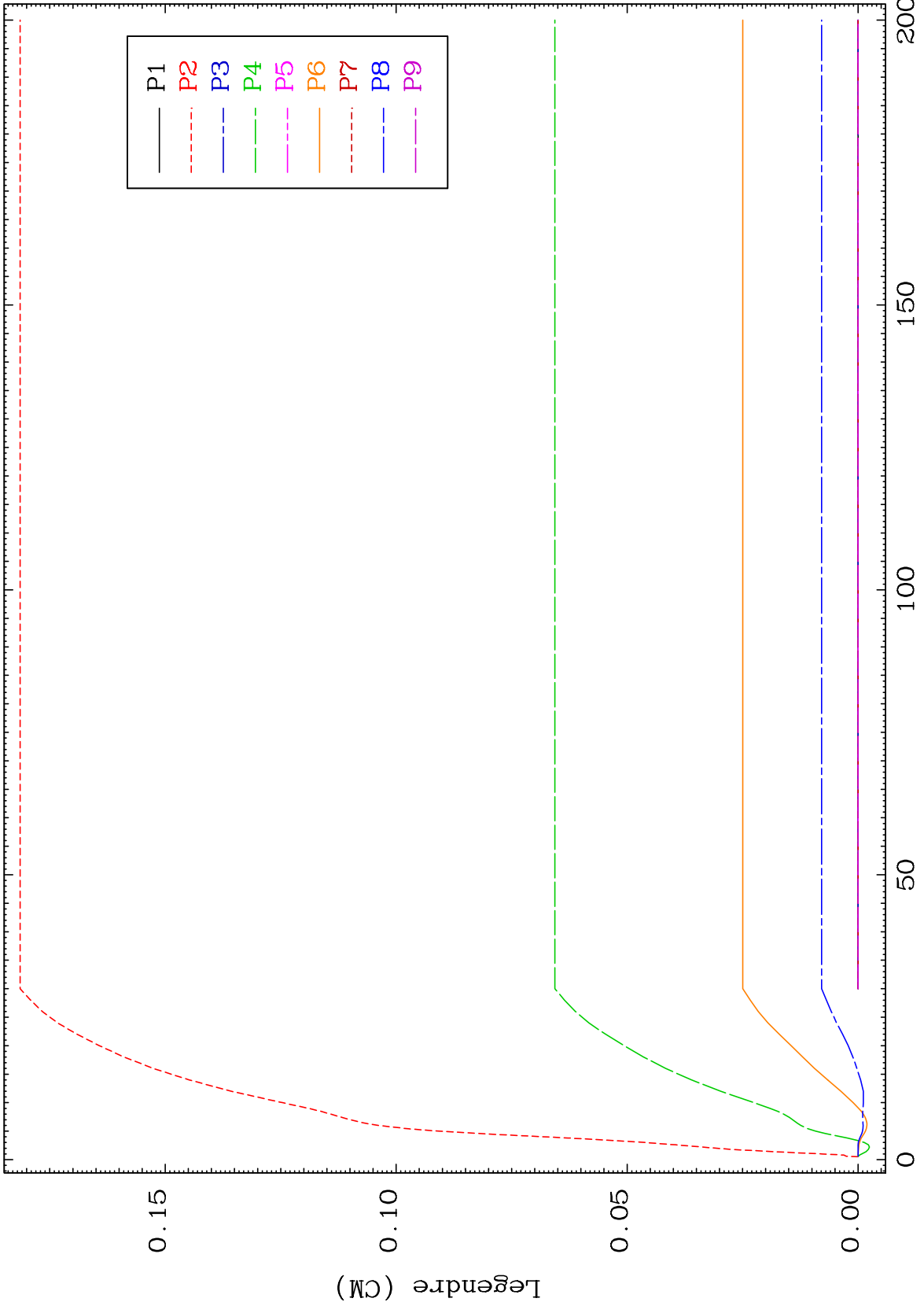


19

Incident Energy (MeV)

50-Sn-115

MAT 5034 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-115

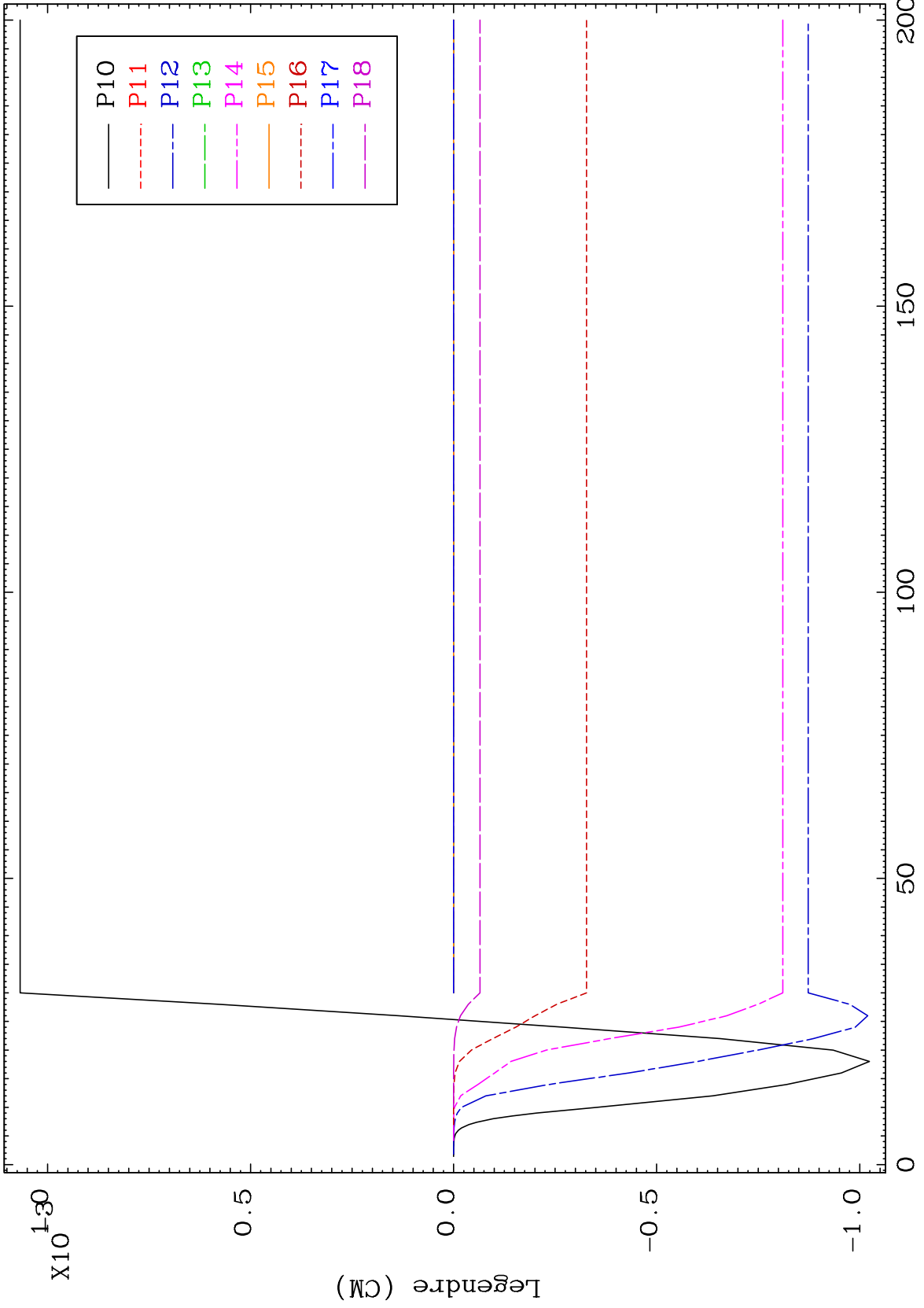


Legendre (CM) Incident Energy (MeV) 50-Sn-115

MAT 5034

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

50-Sn-115



21

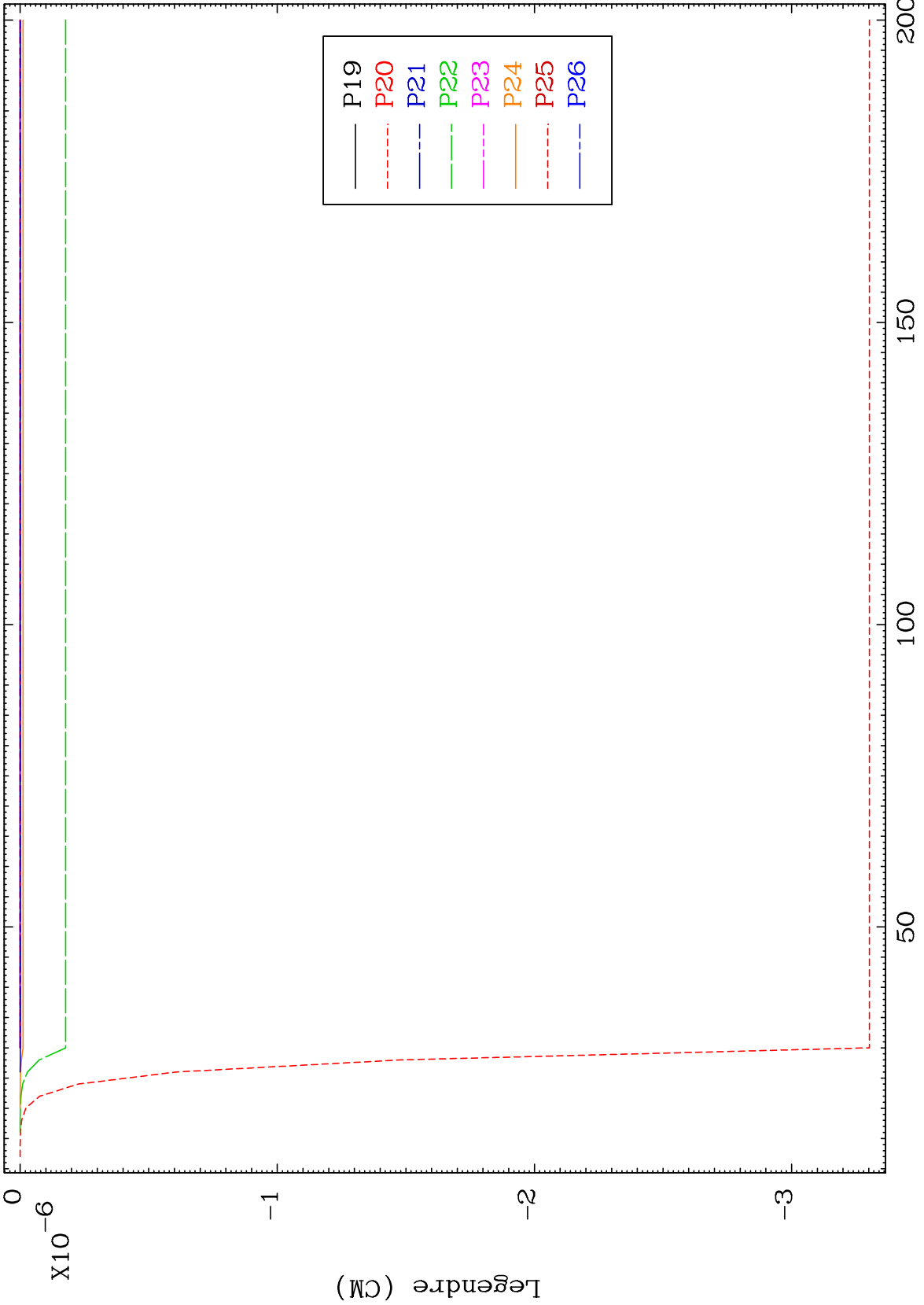
Incident Energy (MeV)

50-Sn-115

MAT 5034 MT= 51 (n,n') Level

50-Sn-115

Legendre Coefficients

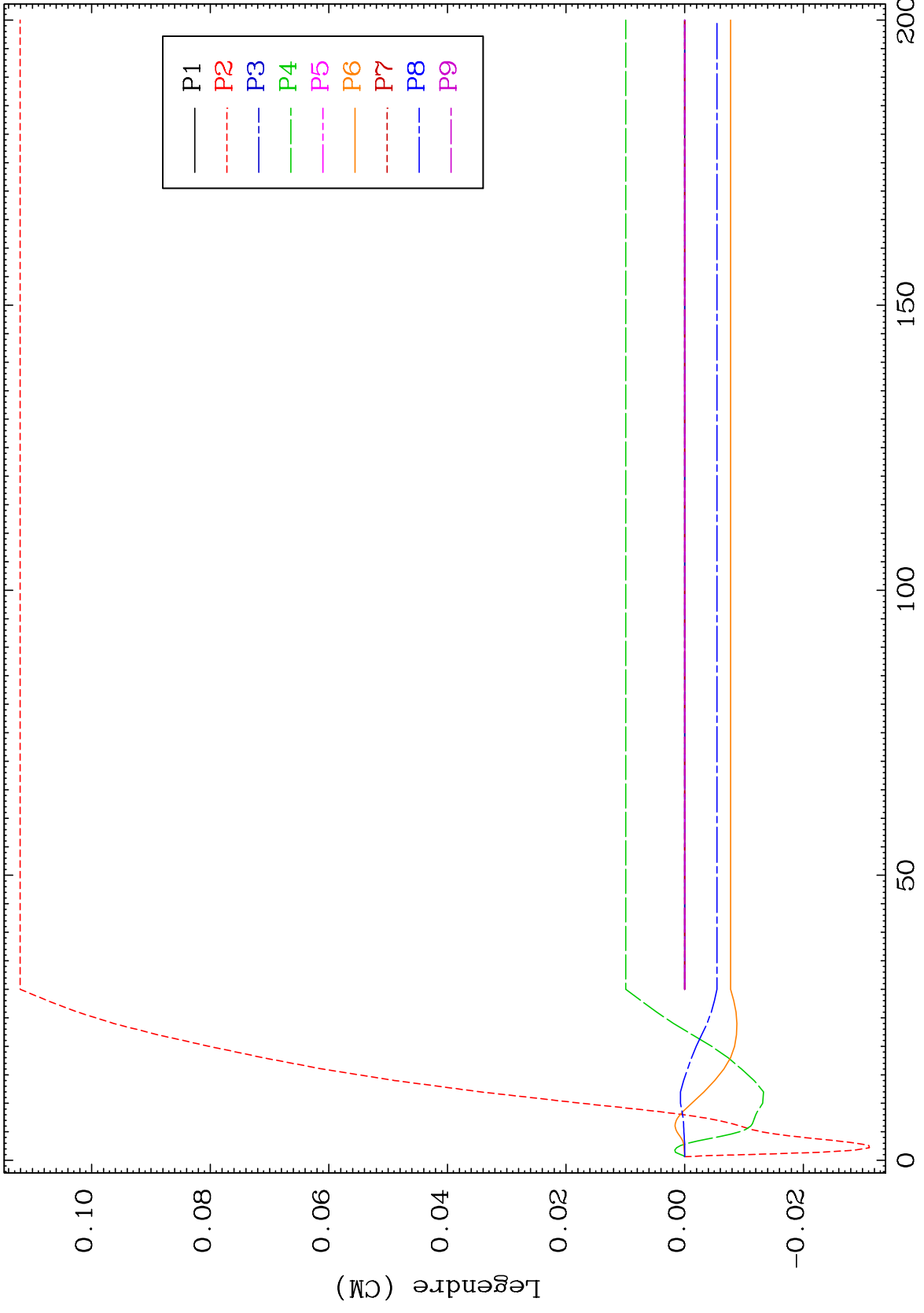


50-Sn-115

Incident Energy (MeV)

22

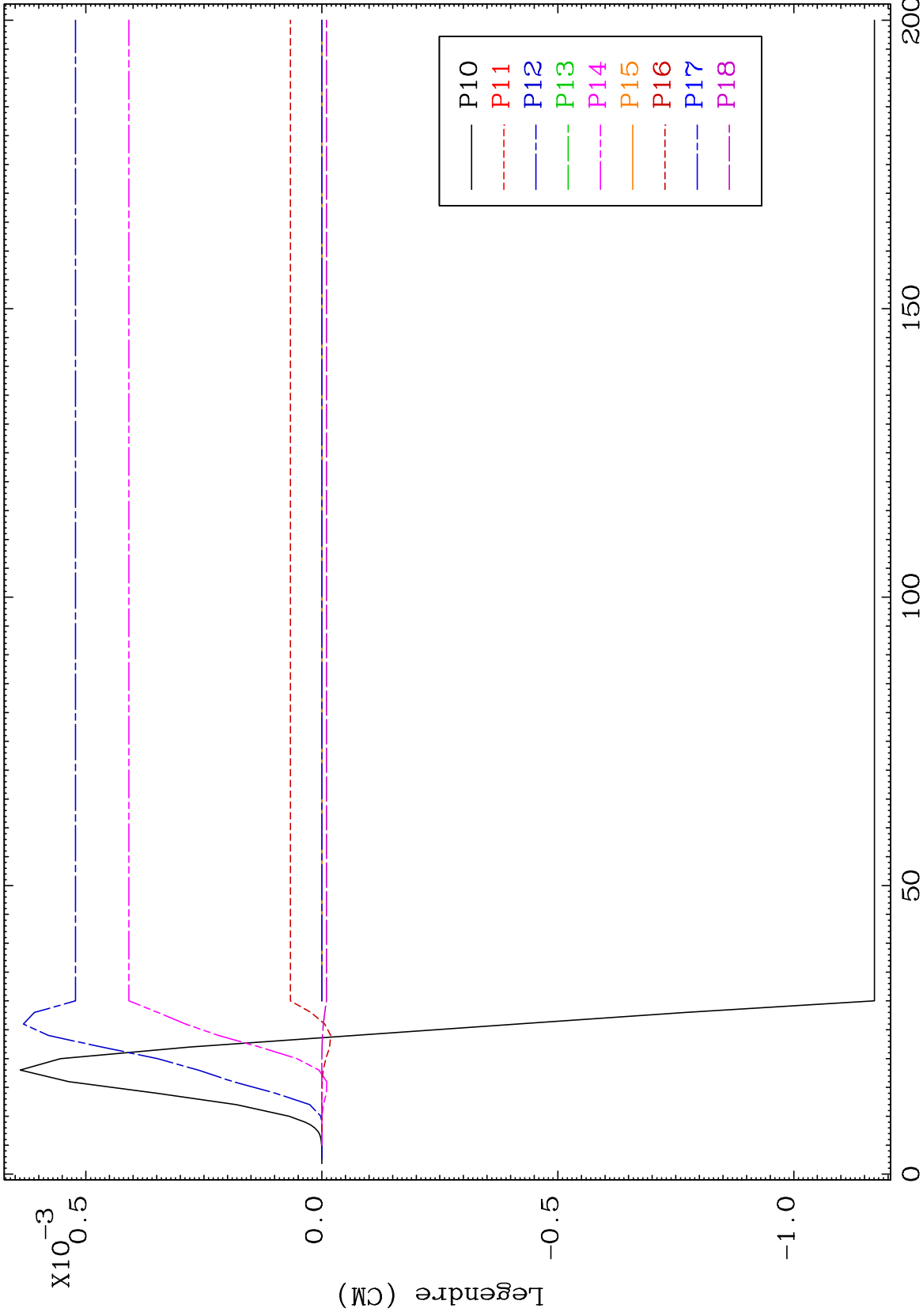
MAT 5034 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-115



MAT 5034

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

50-Sn-115

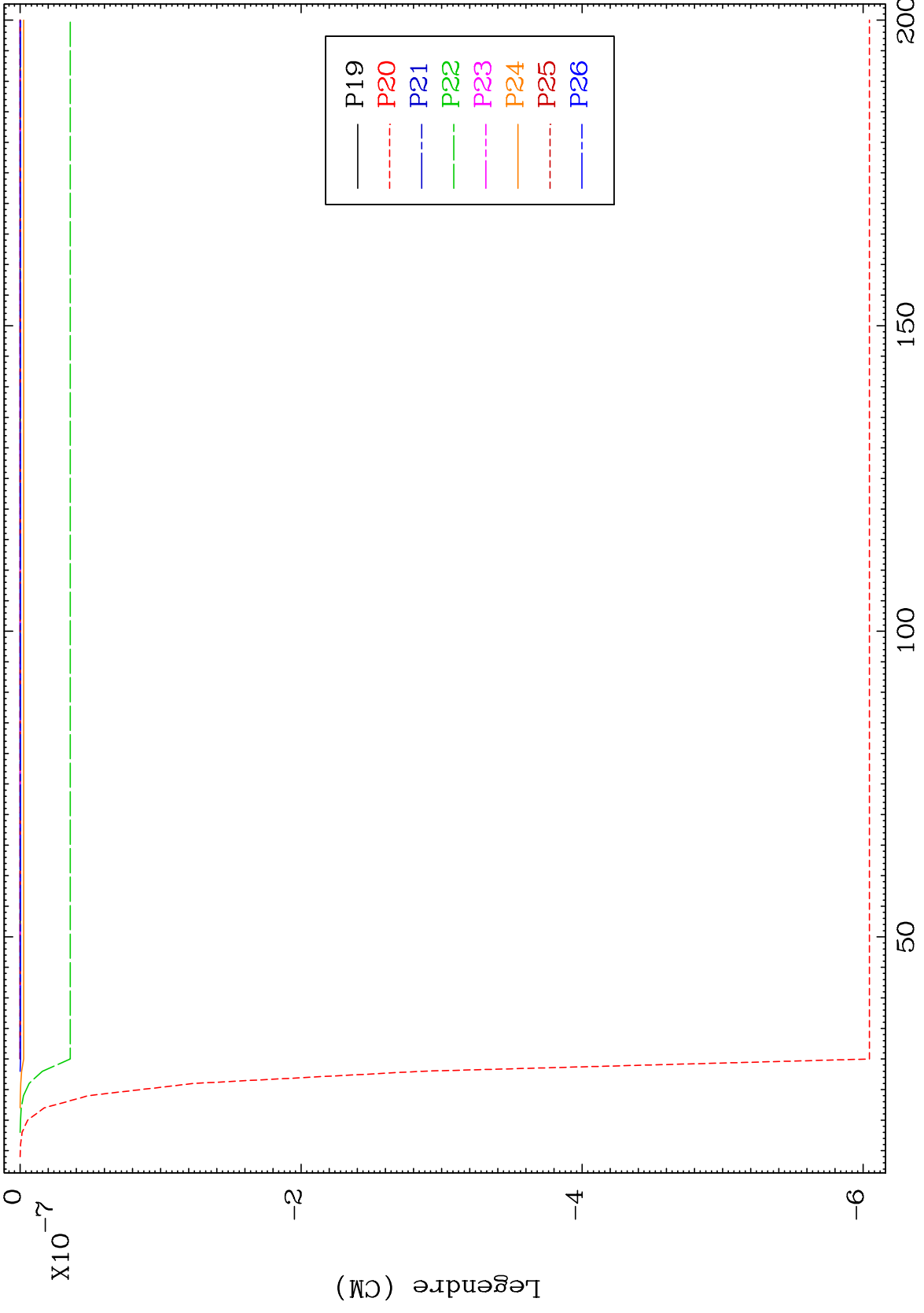


24

Incident Energy (MeV)

50-Sn-115

MAT 5034 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-115

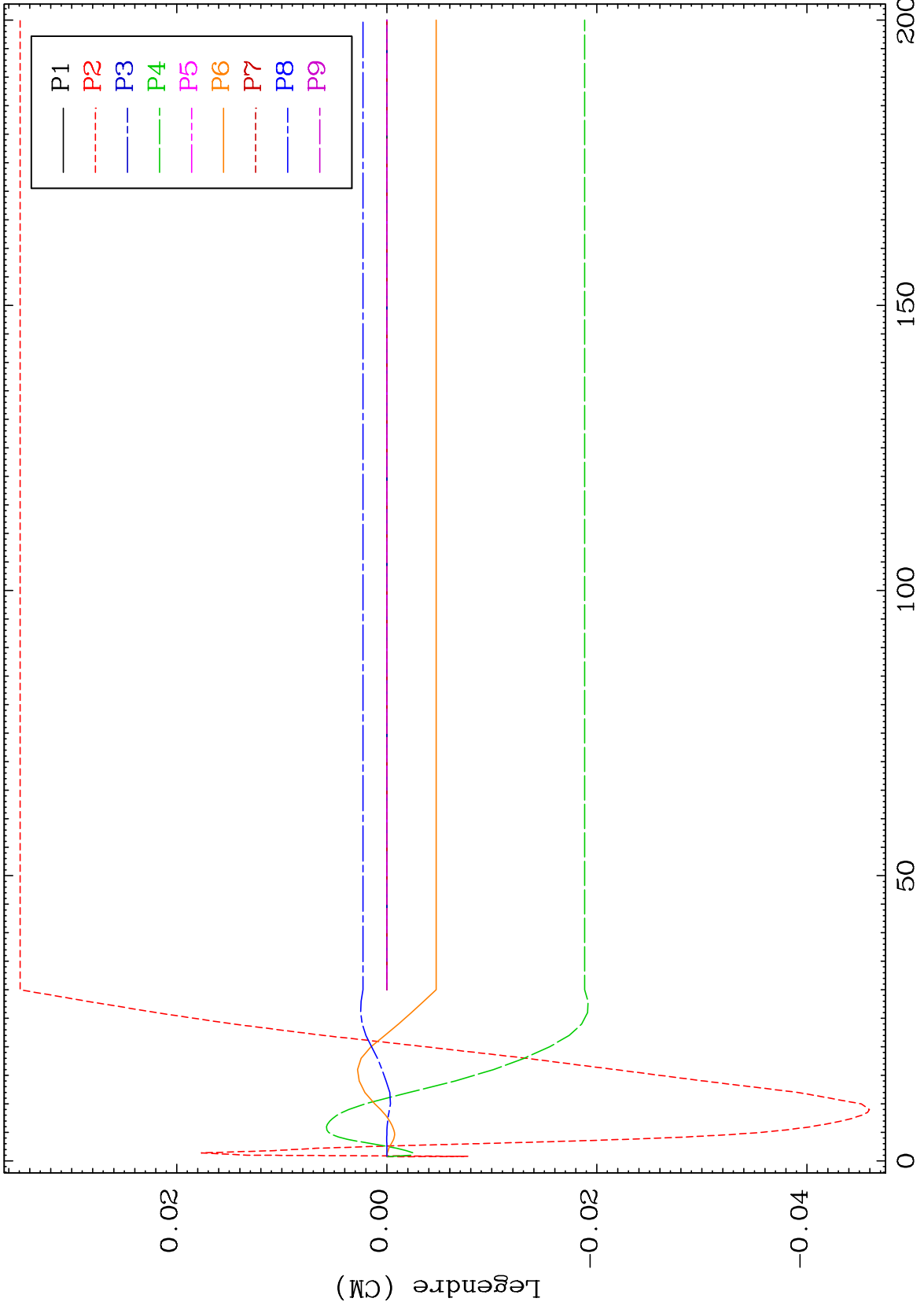


25 Incident Energy (MeV) 50-Sn-115

MAT 5034

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

50-Sn-115



26

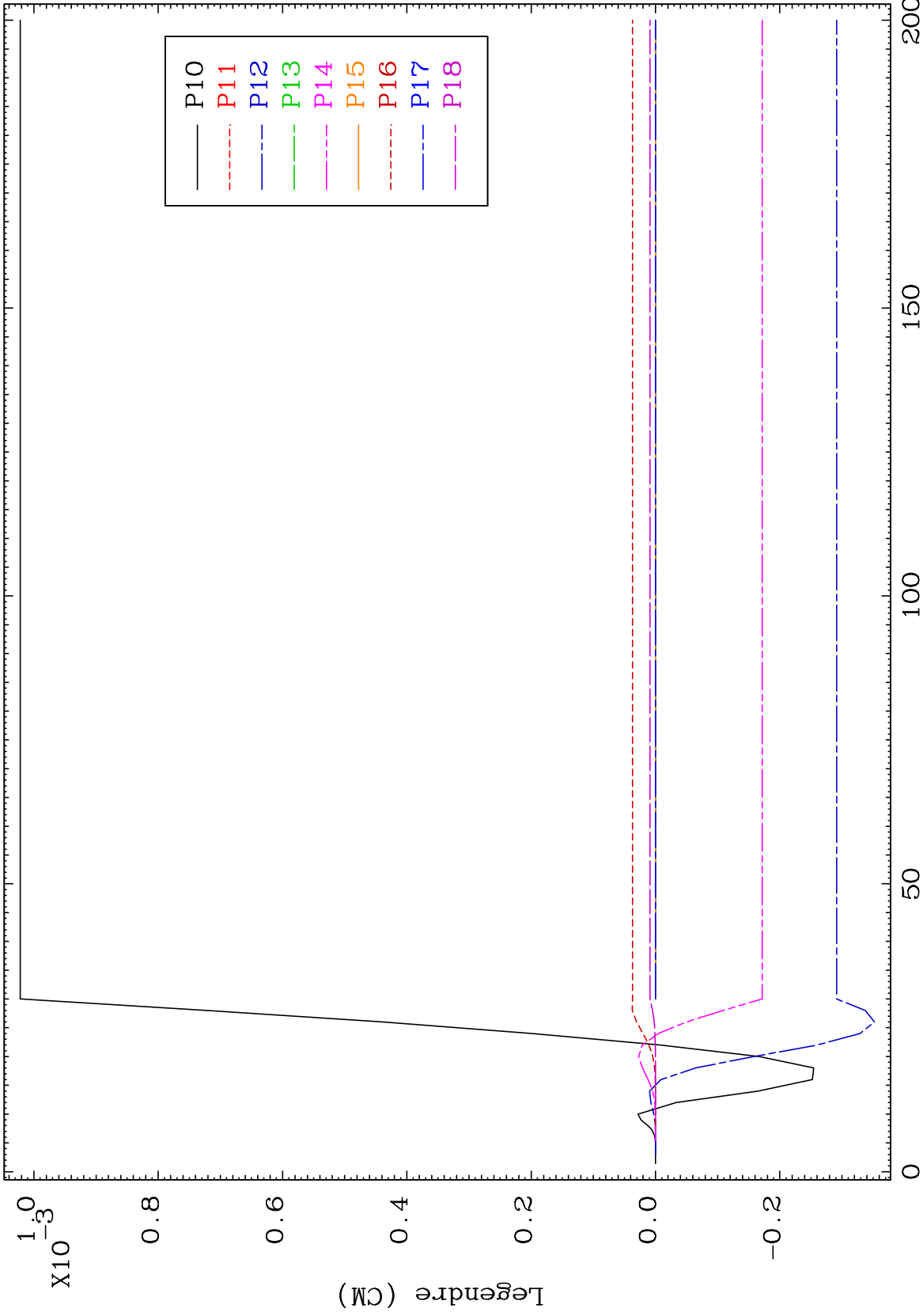
Incident Energy (MeV)

50-Sn-115

MAT 5034

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

50-Sn-115

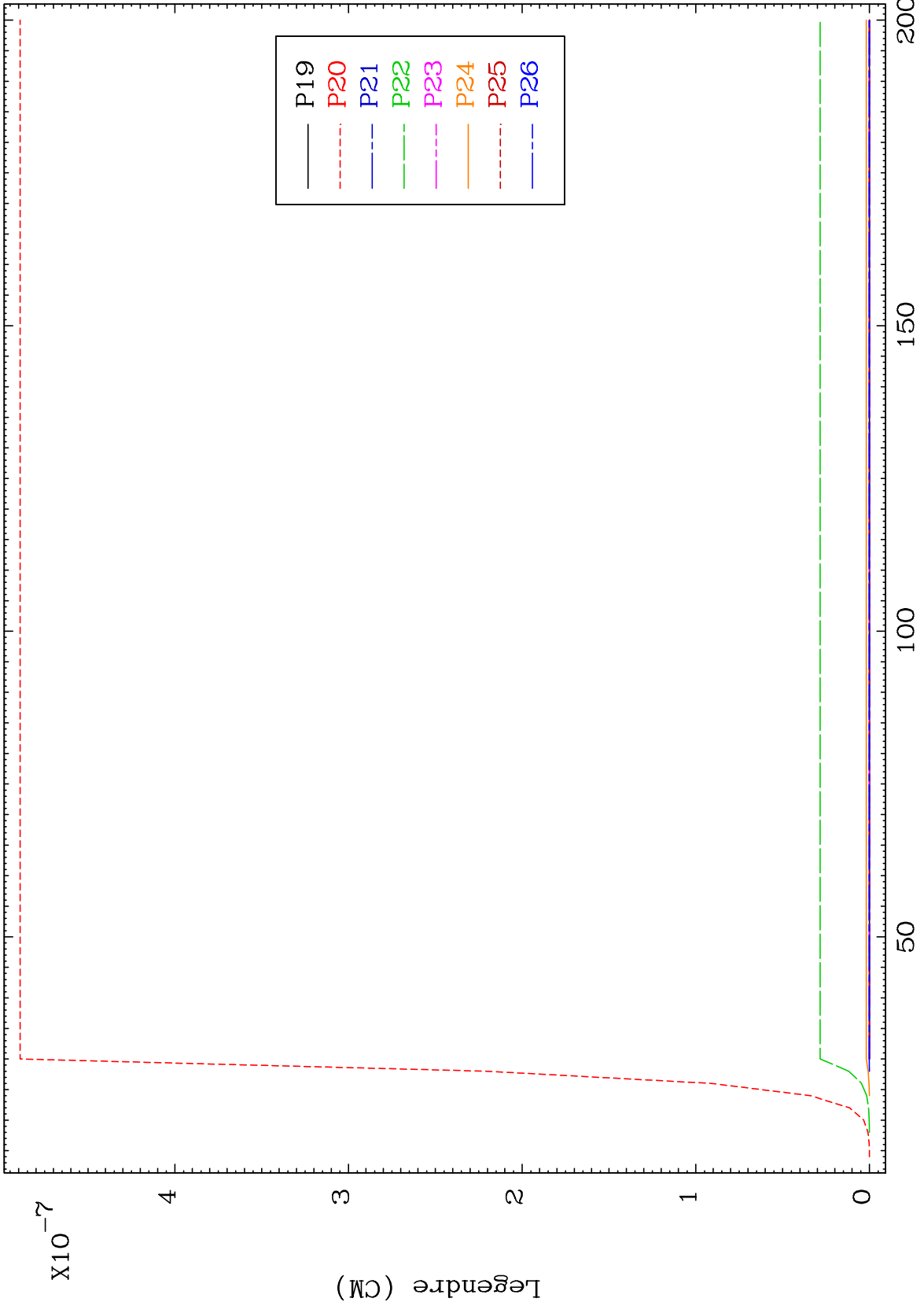


27

Incident Energy (MeV)

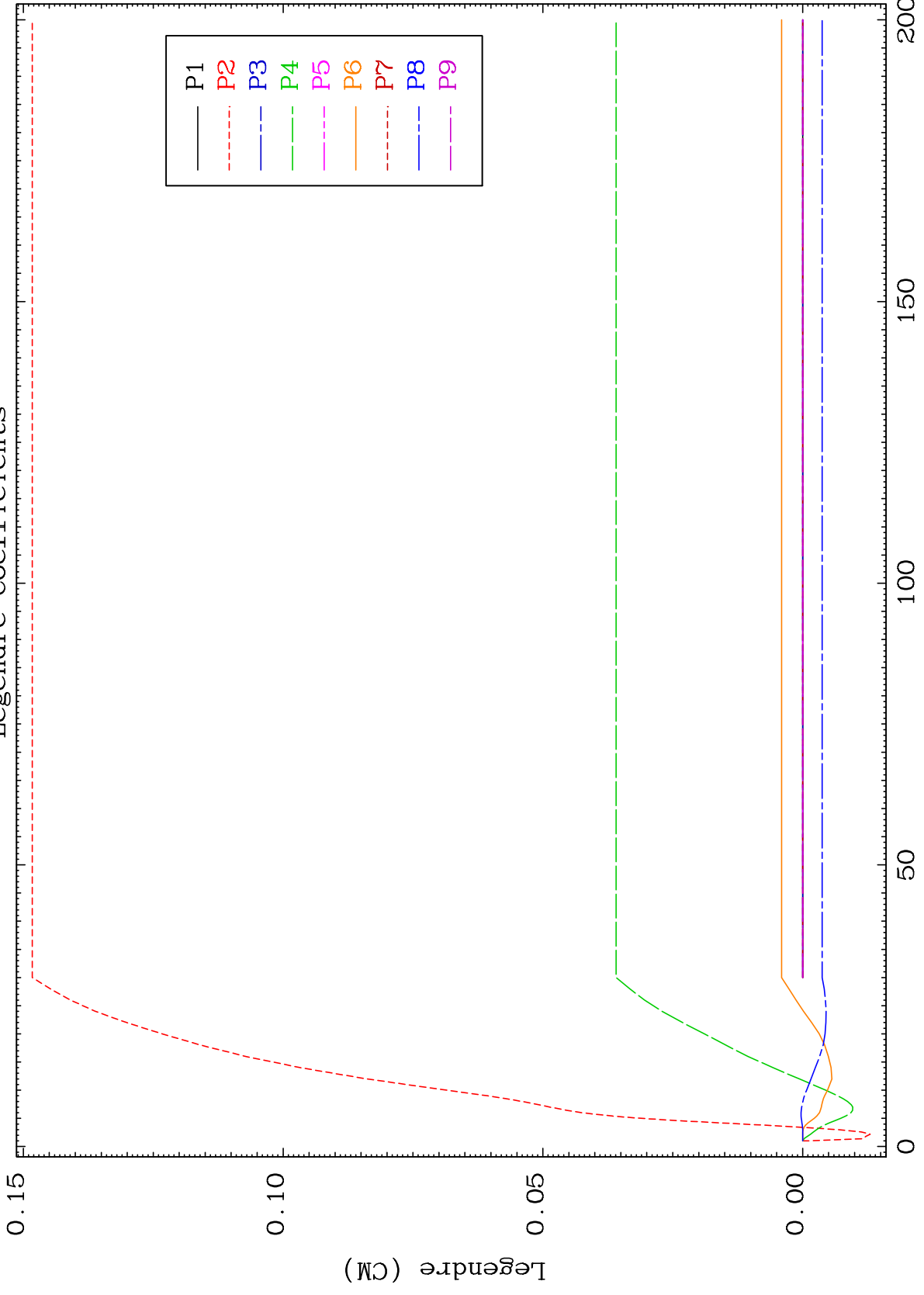
50-Sn-115

MAT 5034 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-115



28 50 100 150 200 50-Sn-115

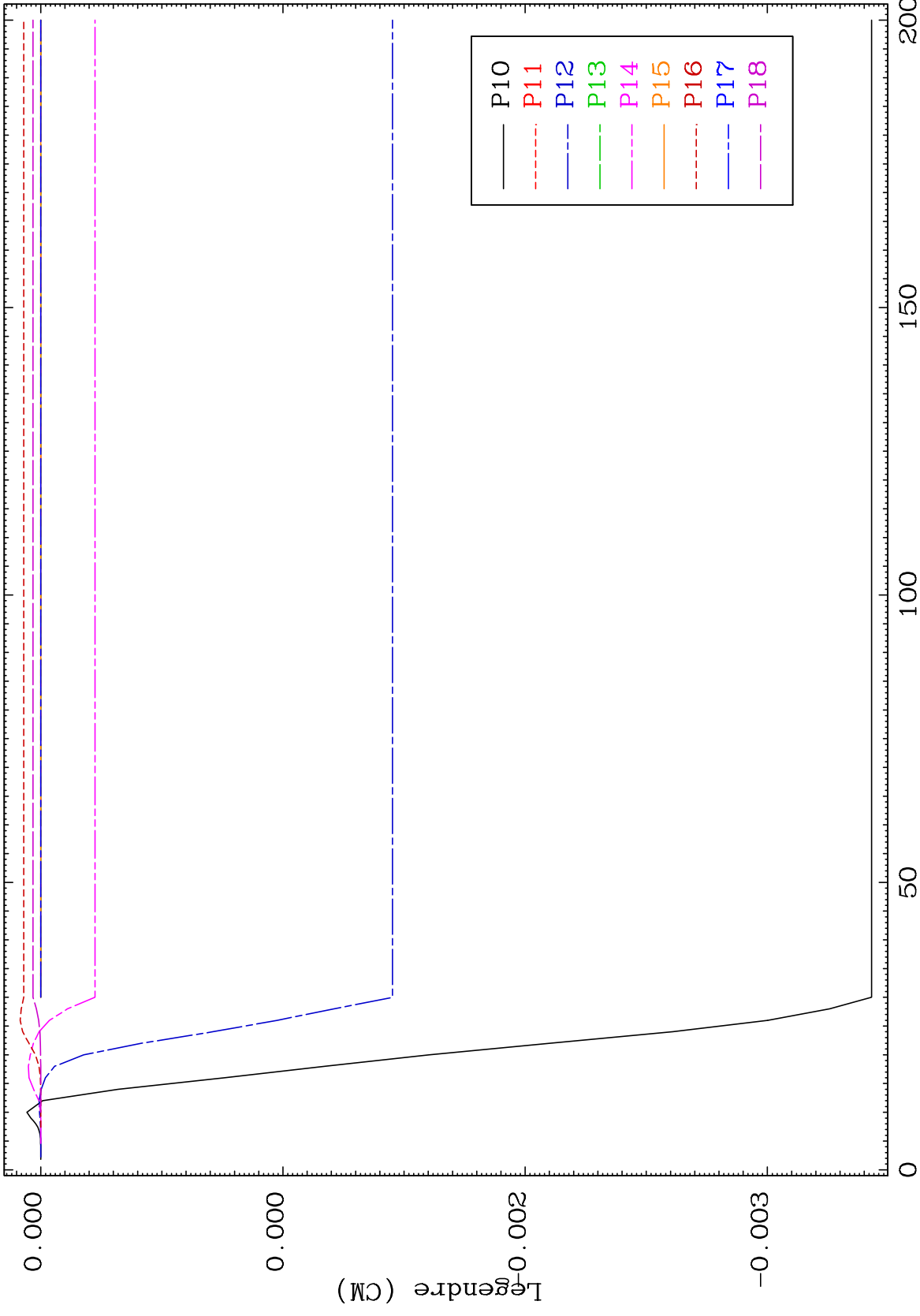
MAT 5034 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-115



MAT 5034

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

50-Sn-115

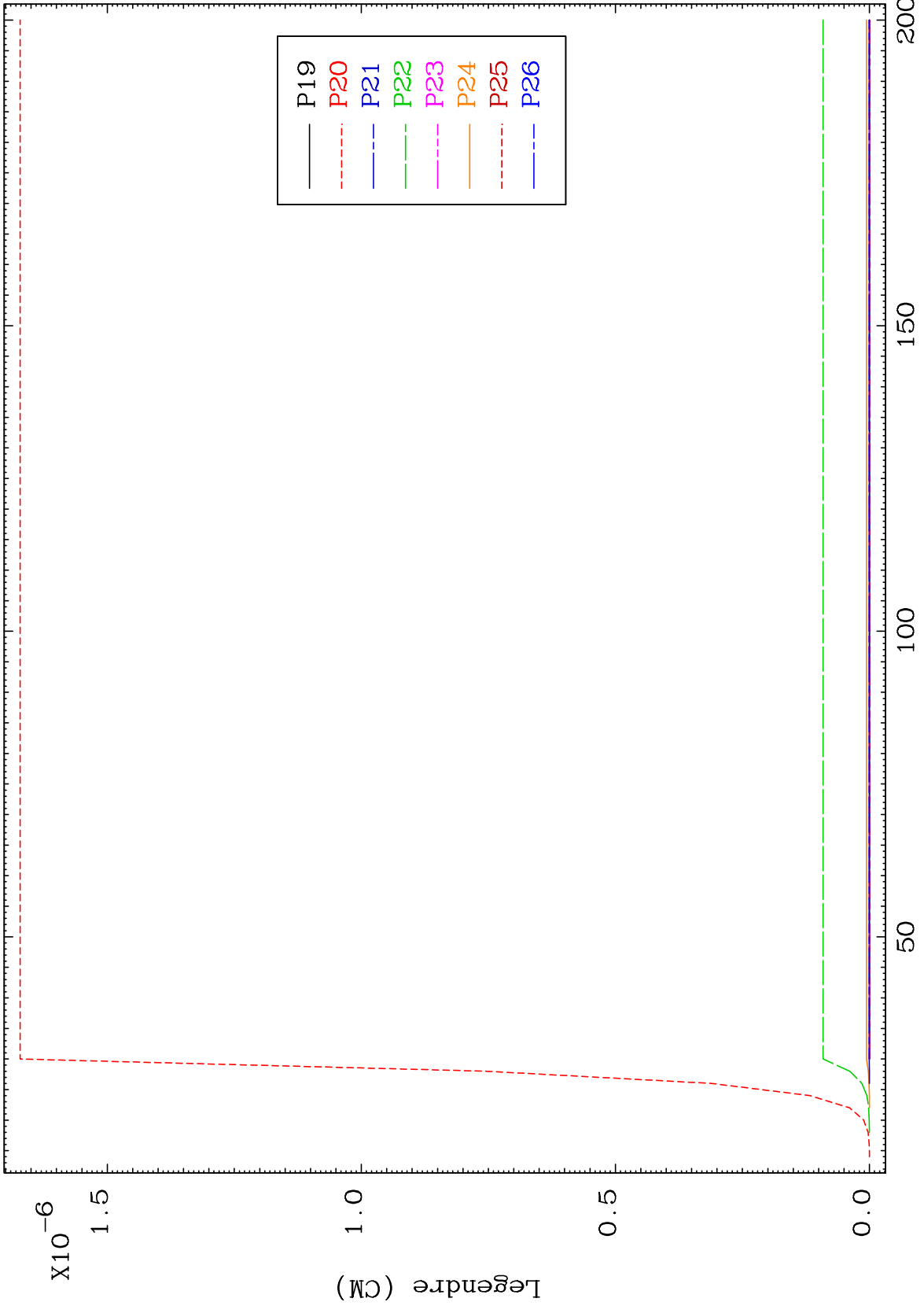


50-Sn-115

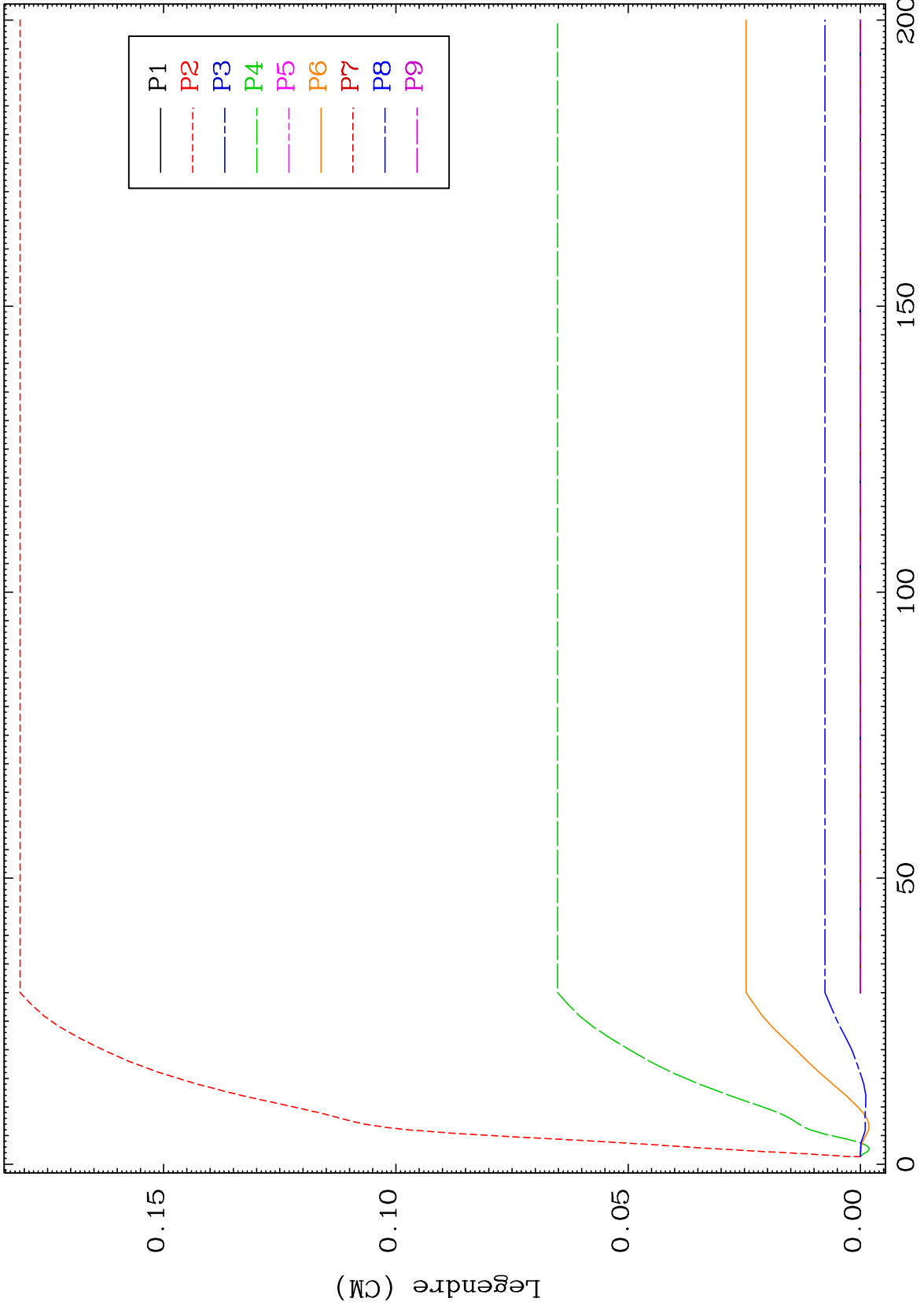
Incident Energy (MeV)

30

MAT 5034 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-115



MAT 5034 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-115

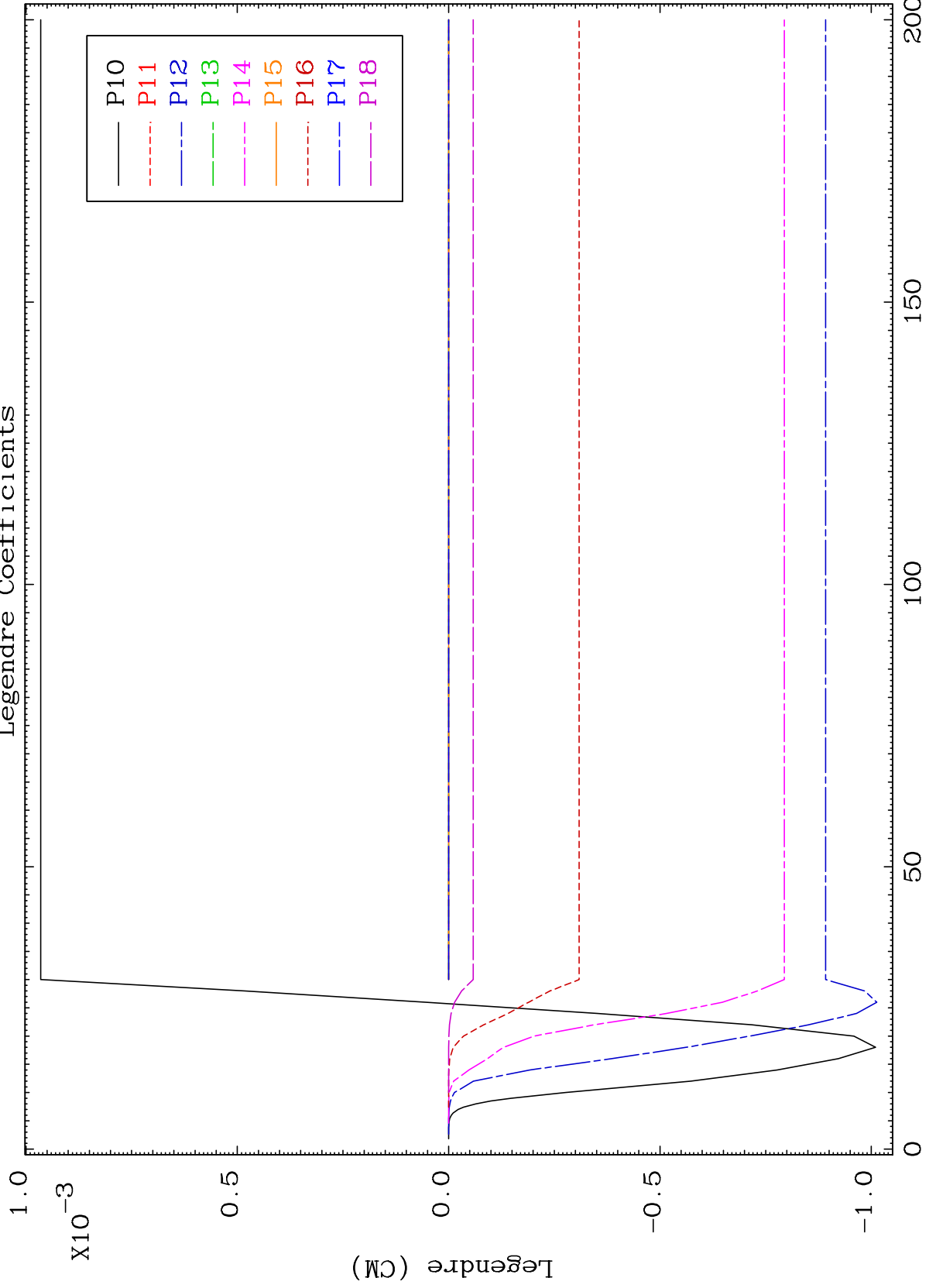


32 50-Sn-115

MAT 5034

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

50-Sn-115



33

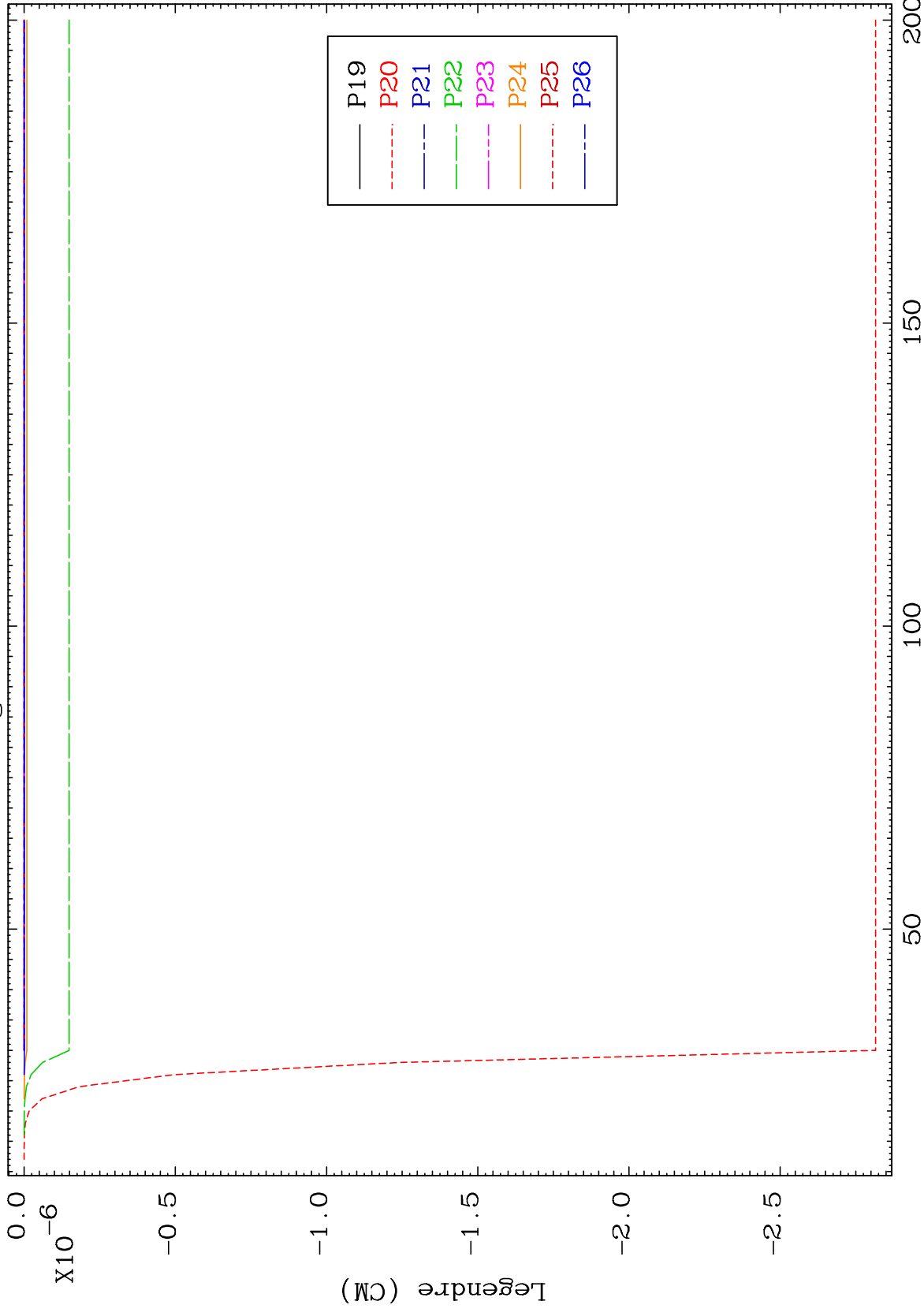
Incident Energy (MeV)

50-Sn-115

MAT 5034

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

50-Sn-115



50-Sn-115

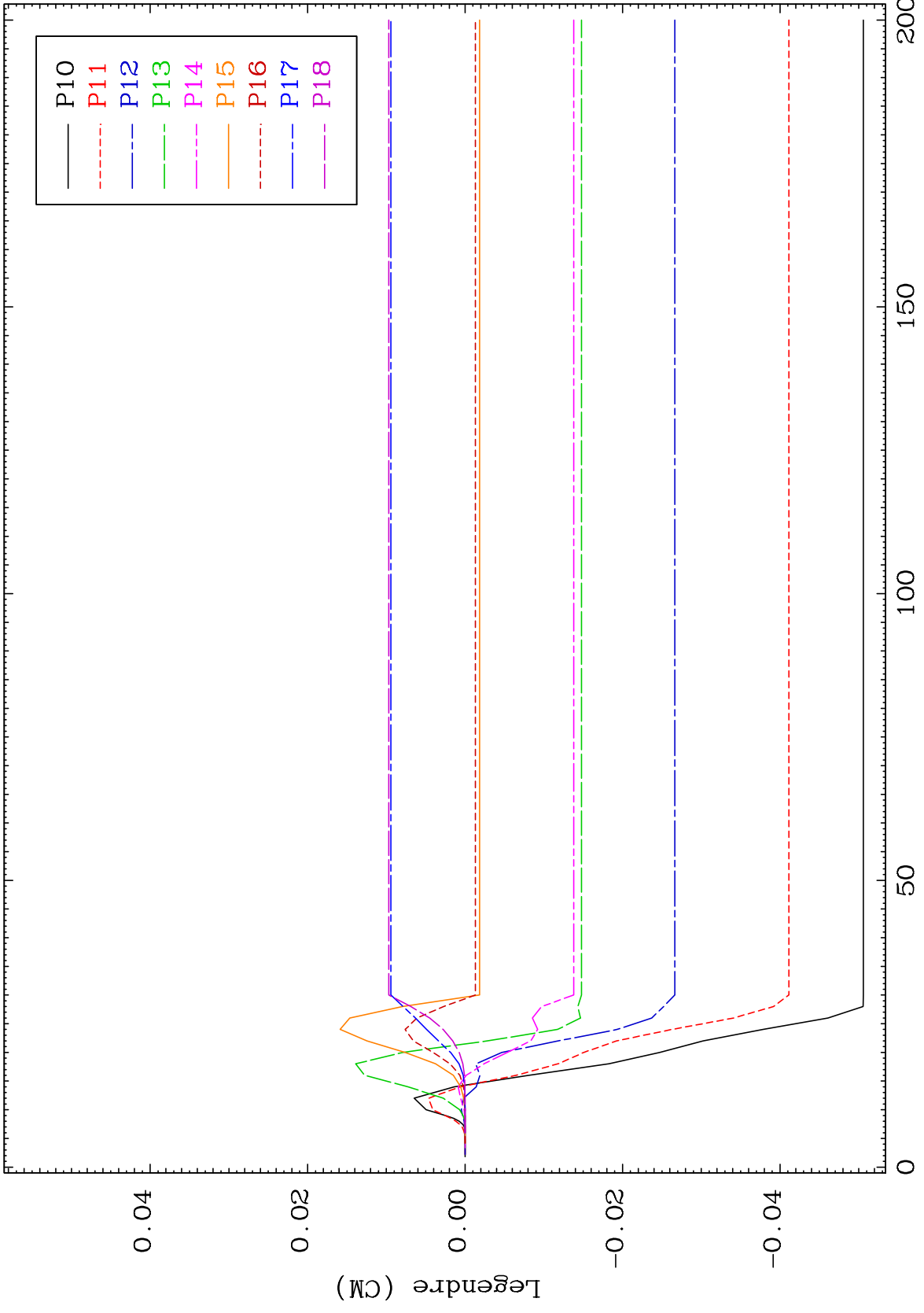
Incident Energy (MeV)

34

MAT 5034

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

50-Sn-115



36

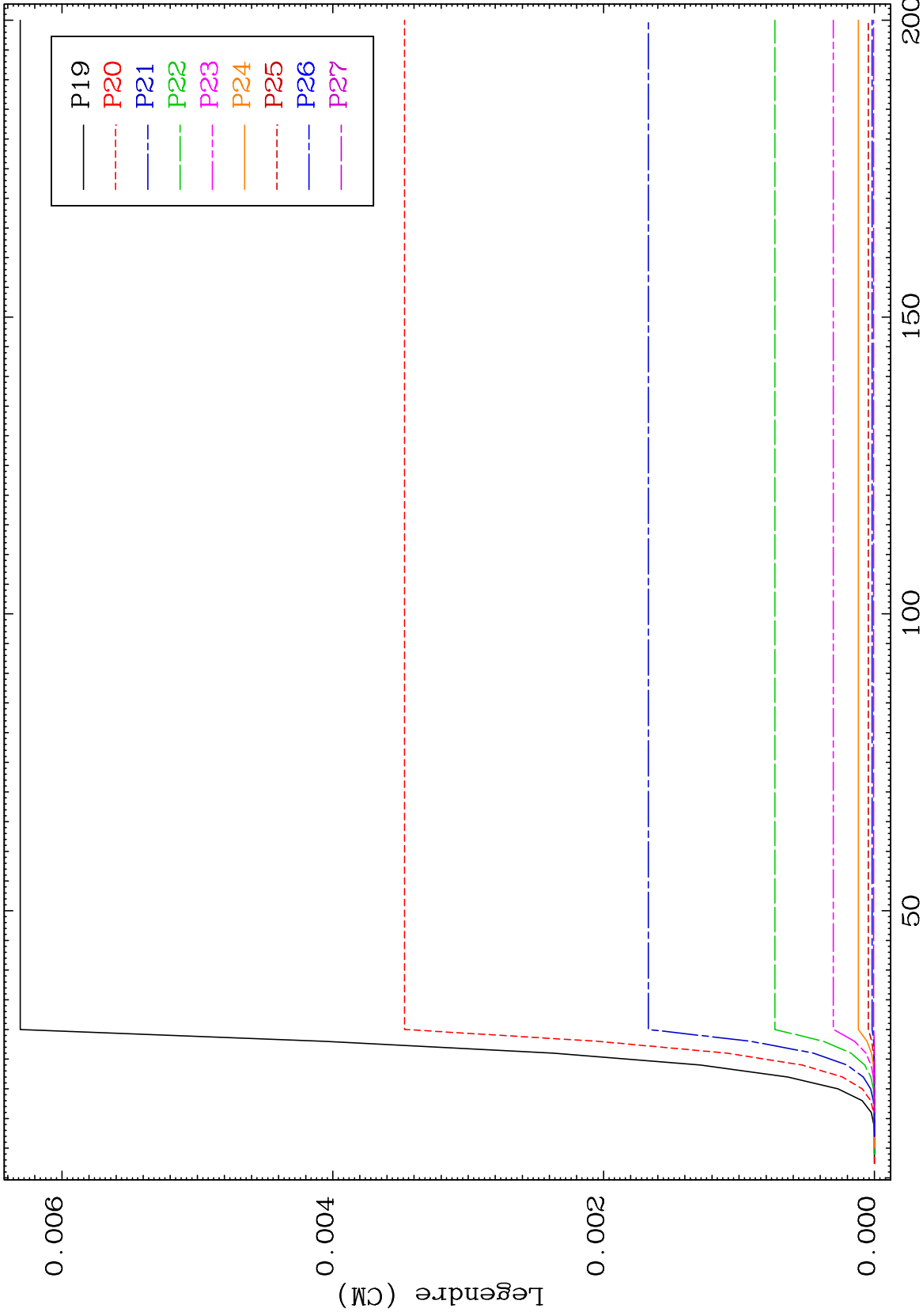
Incident Energy (MeV)

50-Sn-115

MAT 5034

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

50-Sn-115



37

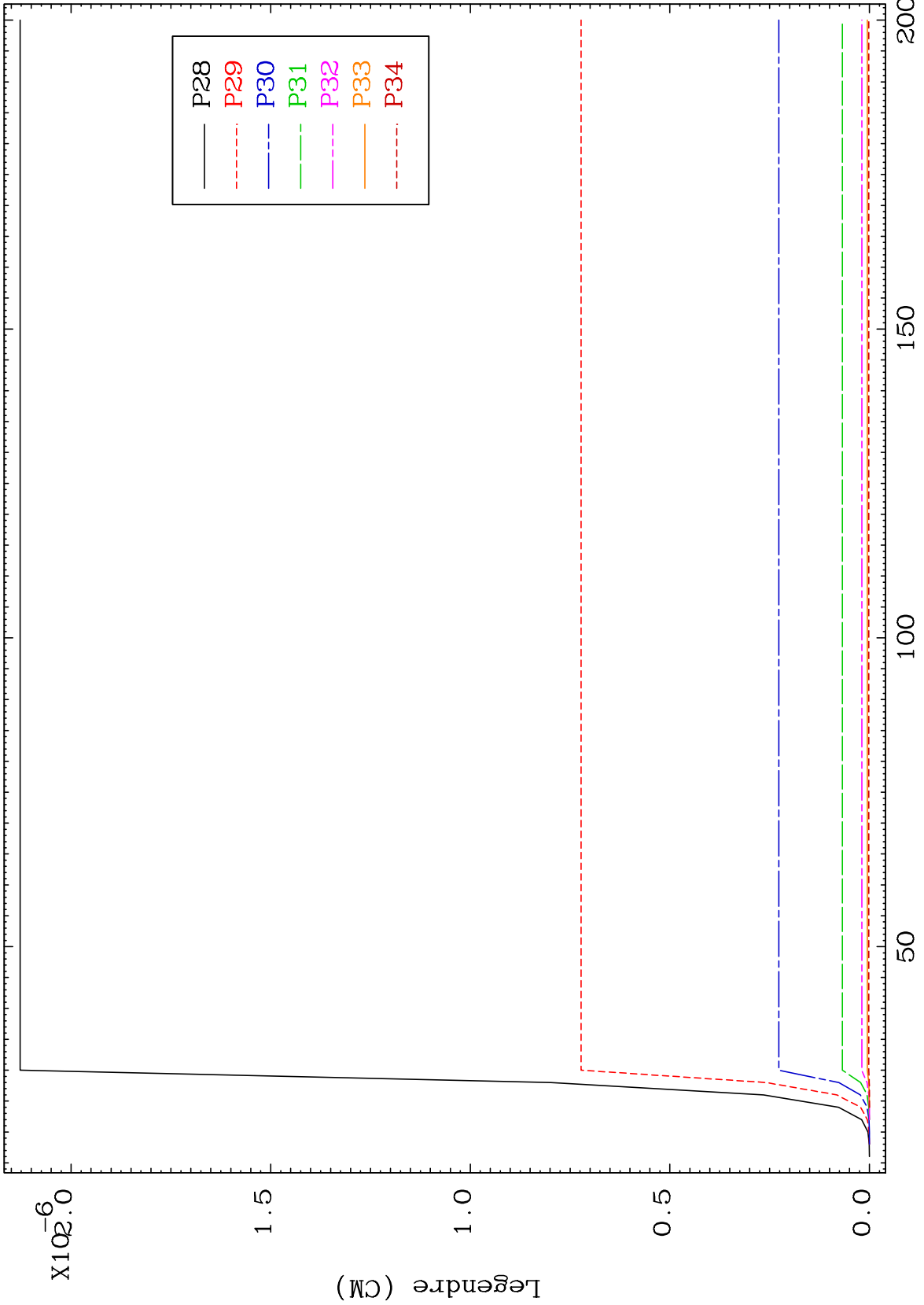
Incident Energy (MeV)

50-Sn-115

MAT 5034

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

50-Sn-115

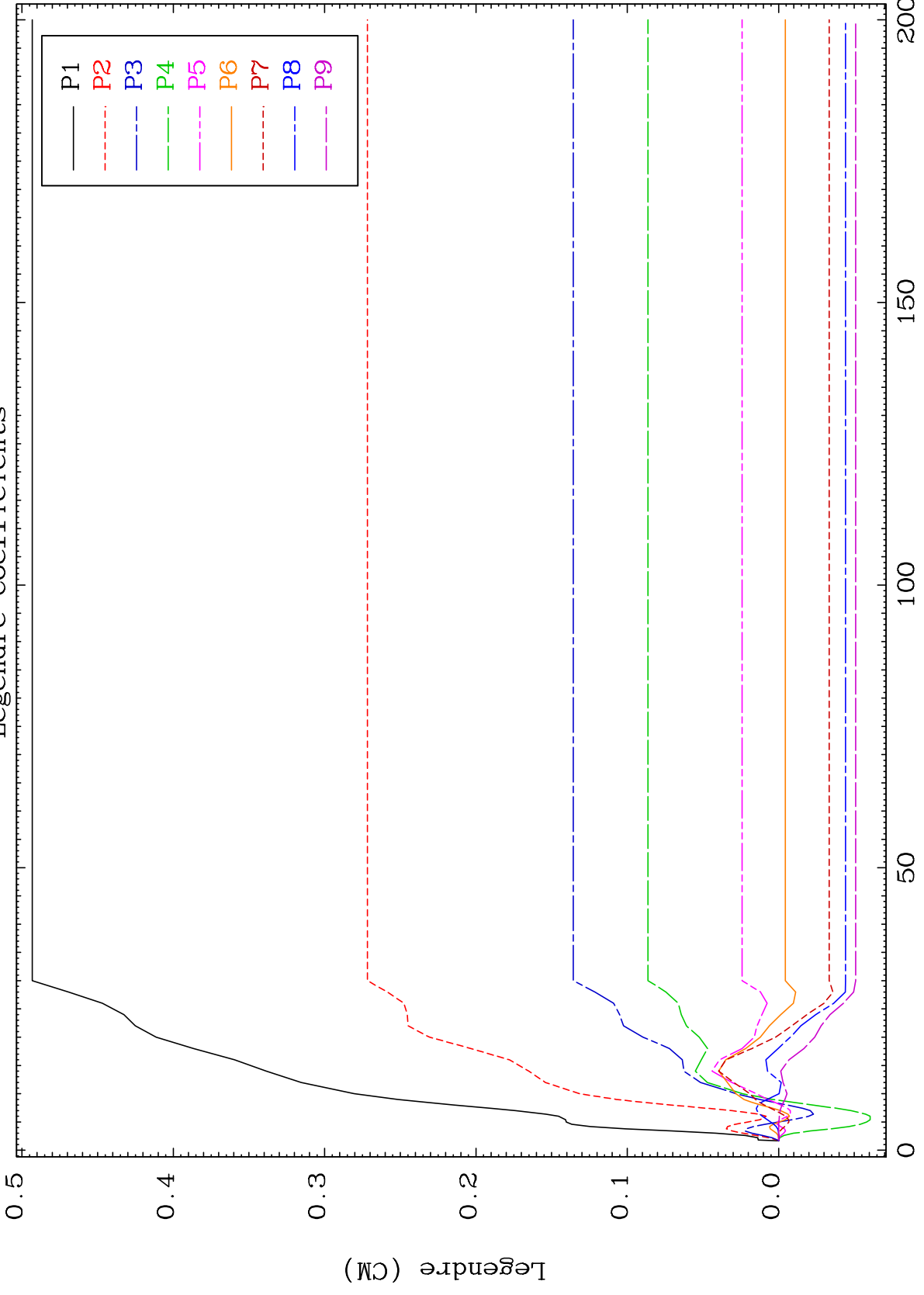


38

Incident Energy (MeV)

50-Sn-115

MAT 5034 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-115

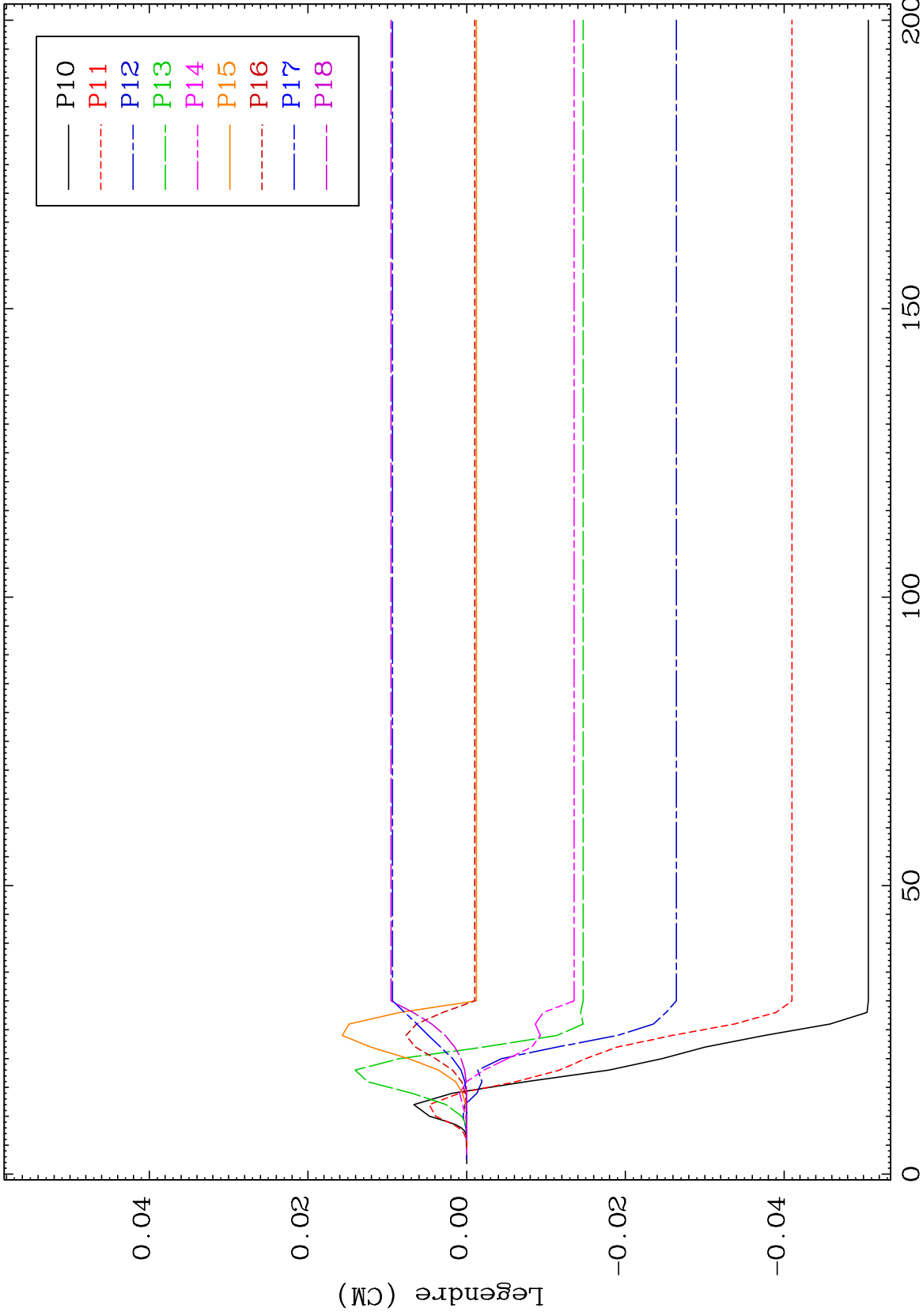


39 Incident Energy (MeV) 50-Sn-115

MAT 5034

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

50-Sn-115



40

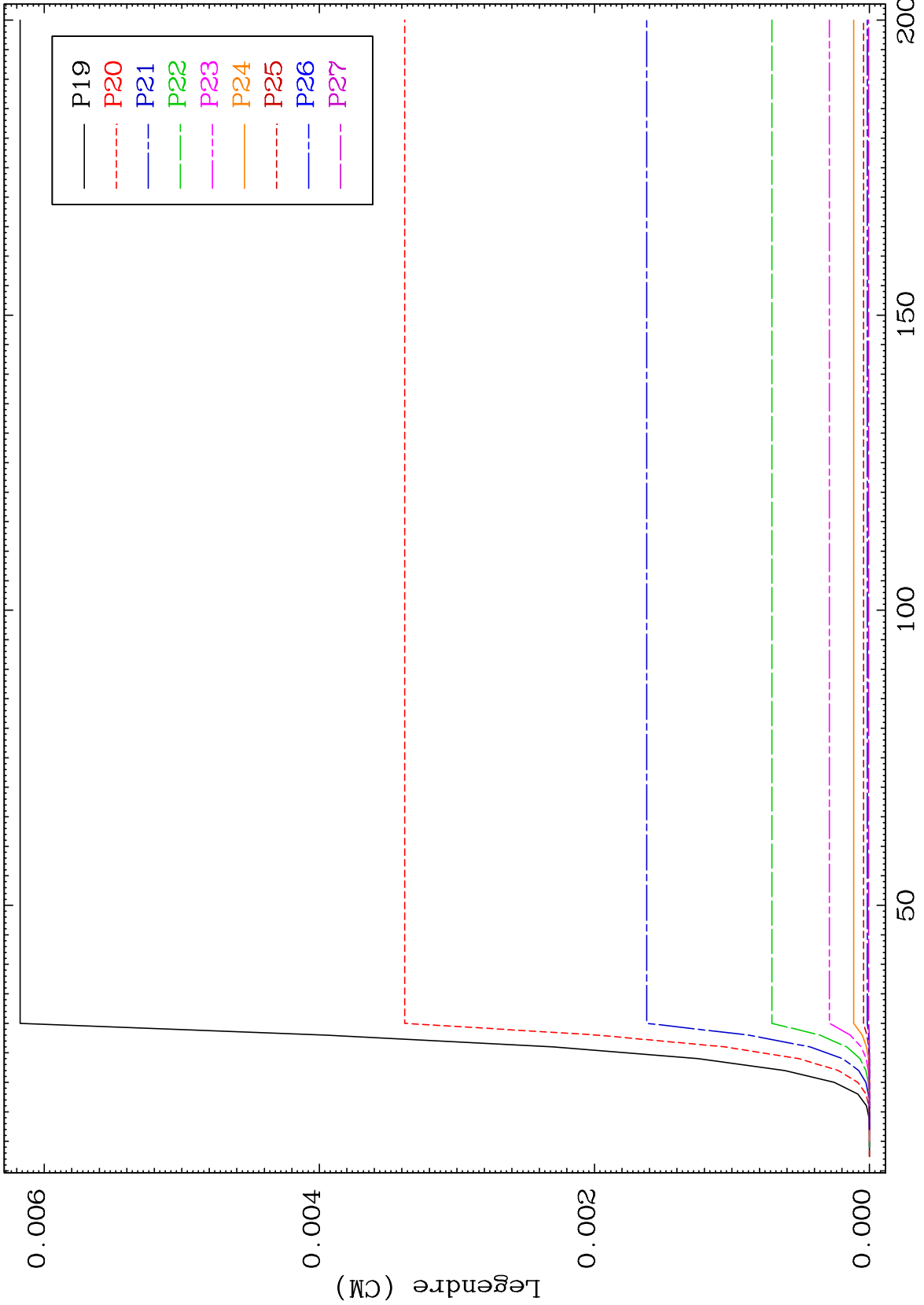
Incident Energy (MeV)

50-Sn-115

MAT 5034

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

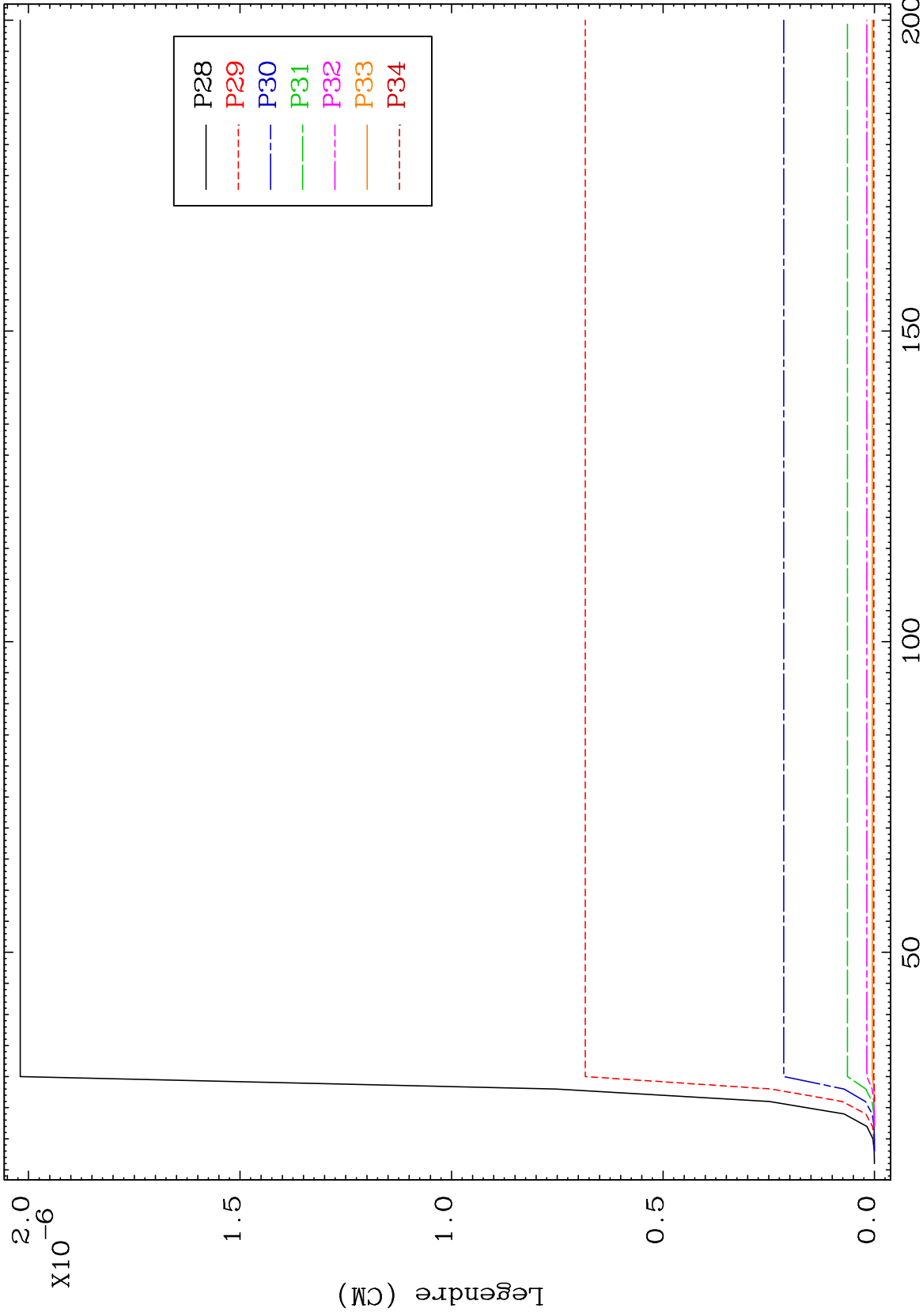
50-Sn-115



MAT 5034

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

50-Sn-115

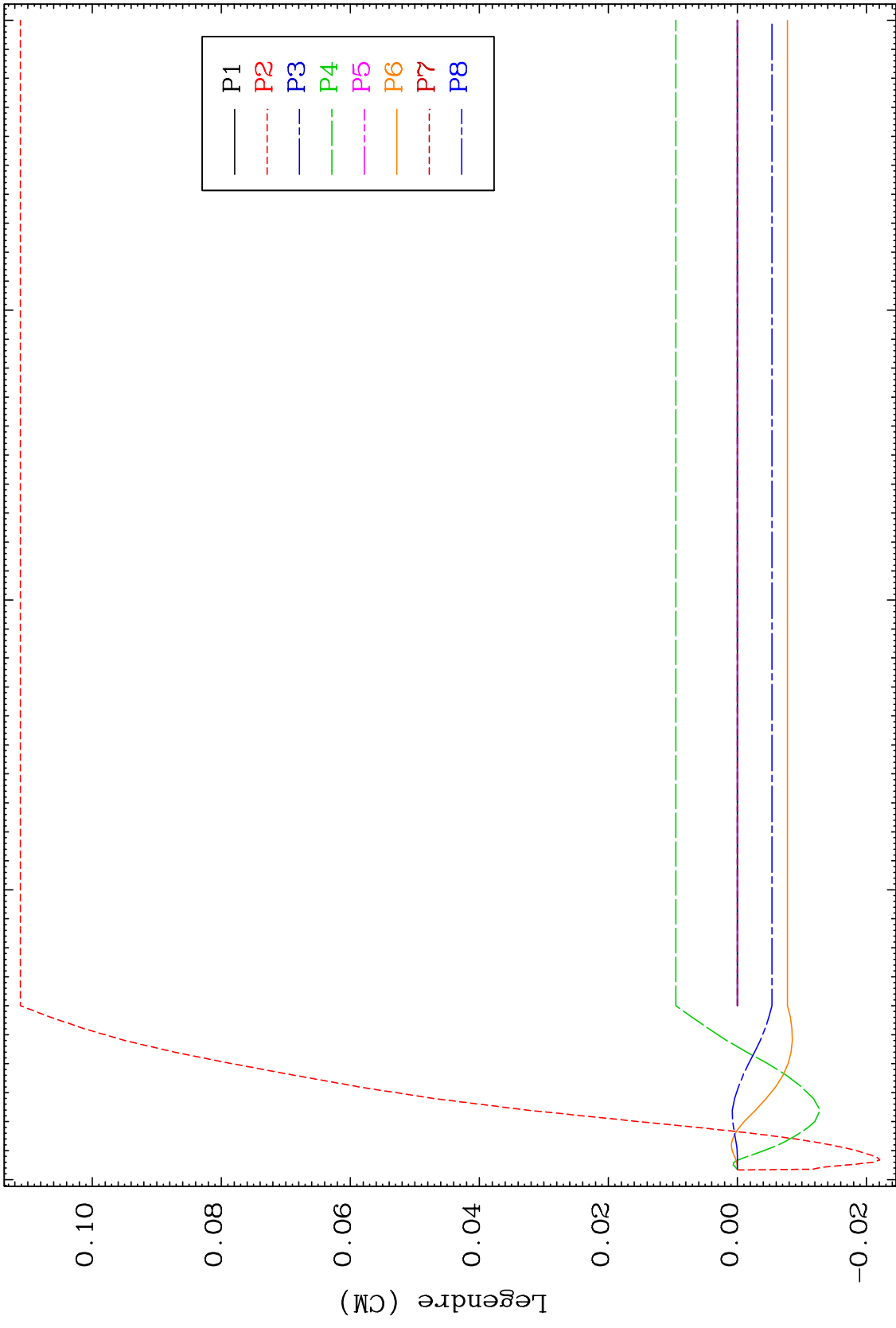


42

Incident Energy (MeV)

50-Sn-115

MAT 5034 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-115

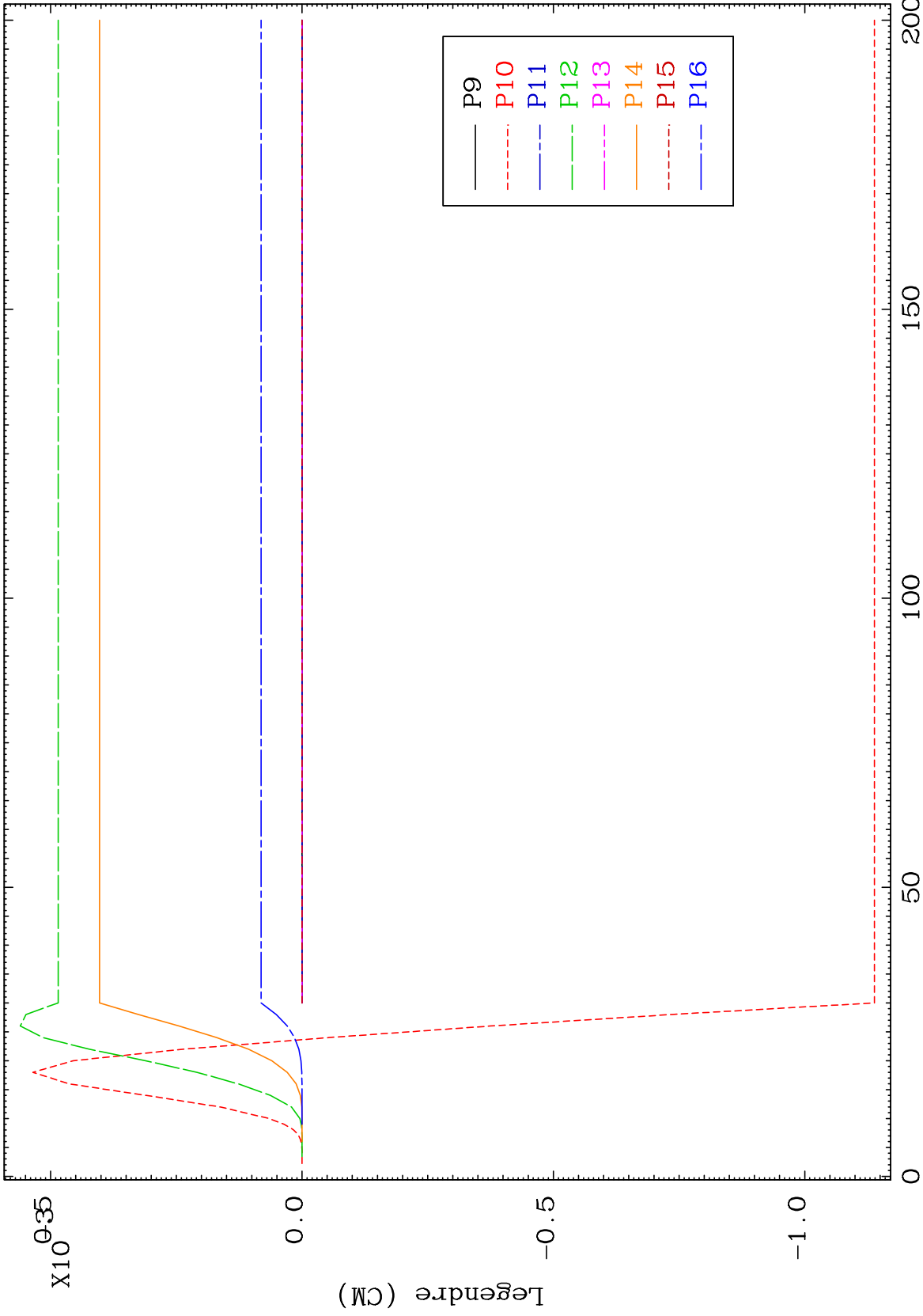


43 50-Sn-115

MAT 5034

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

50-Sn-115

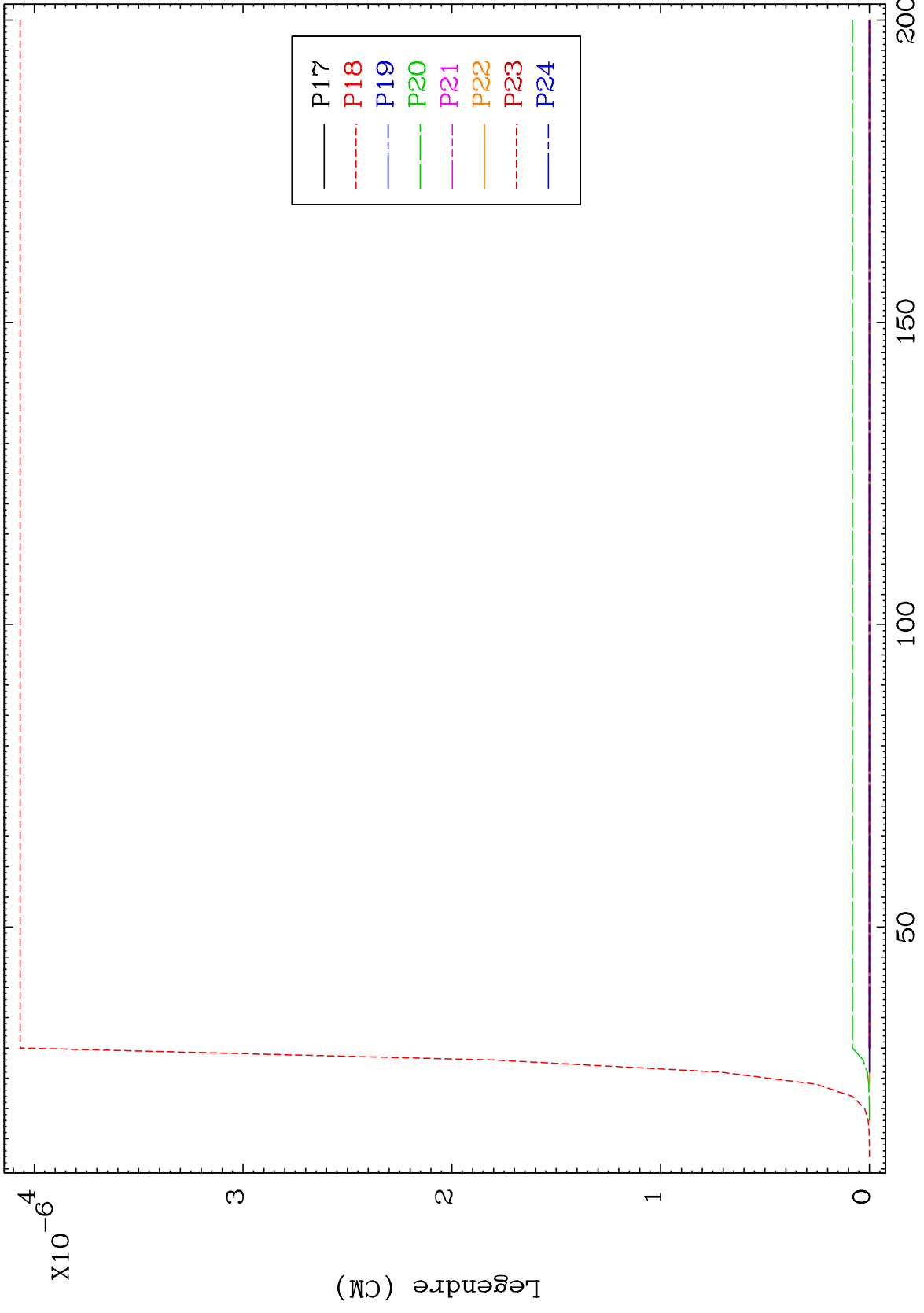


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Incident Energy (MeV)

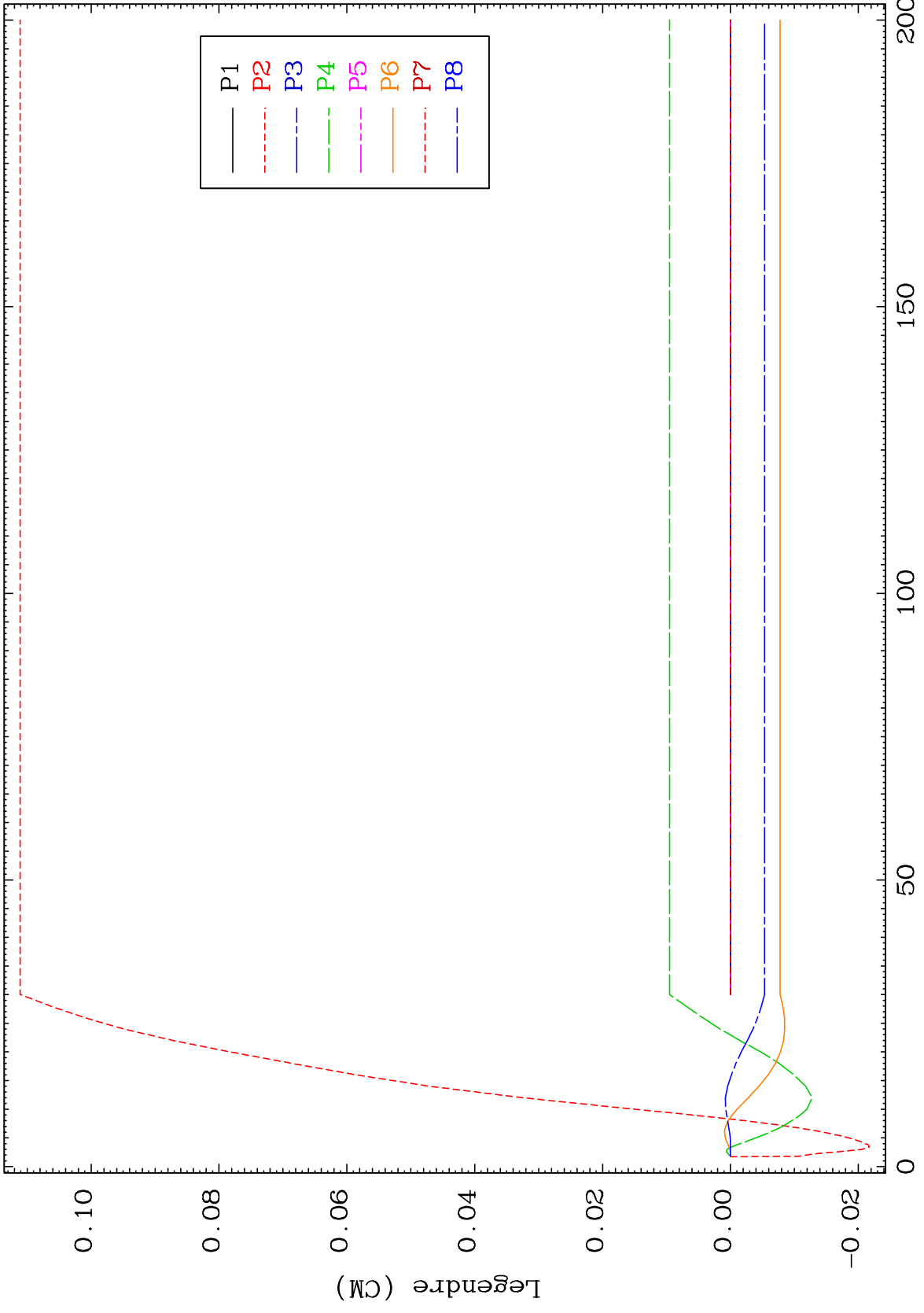
50-Sn-115

MAT 5034 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-115



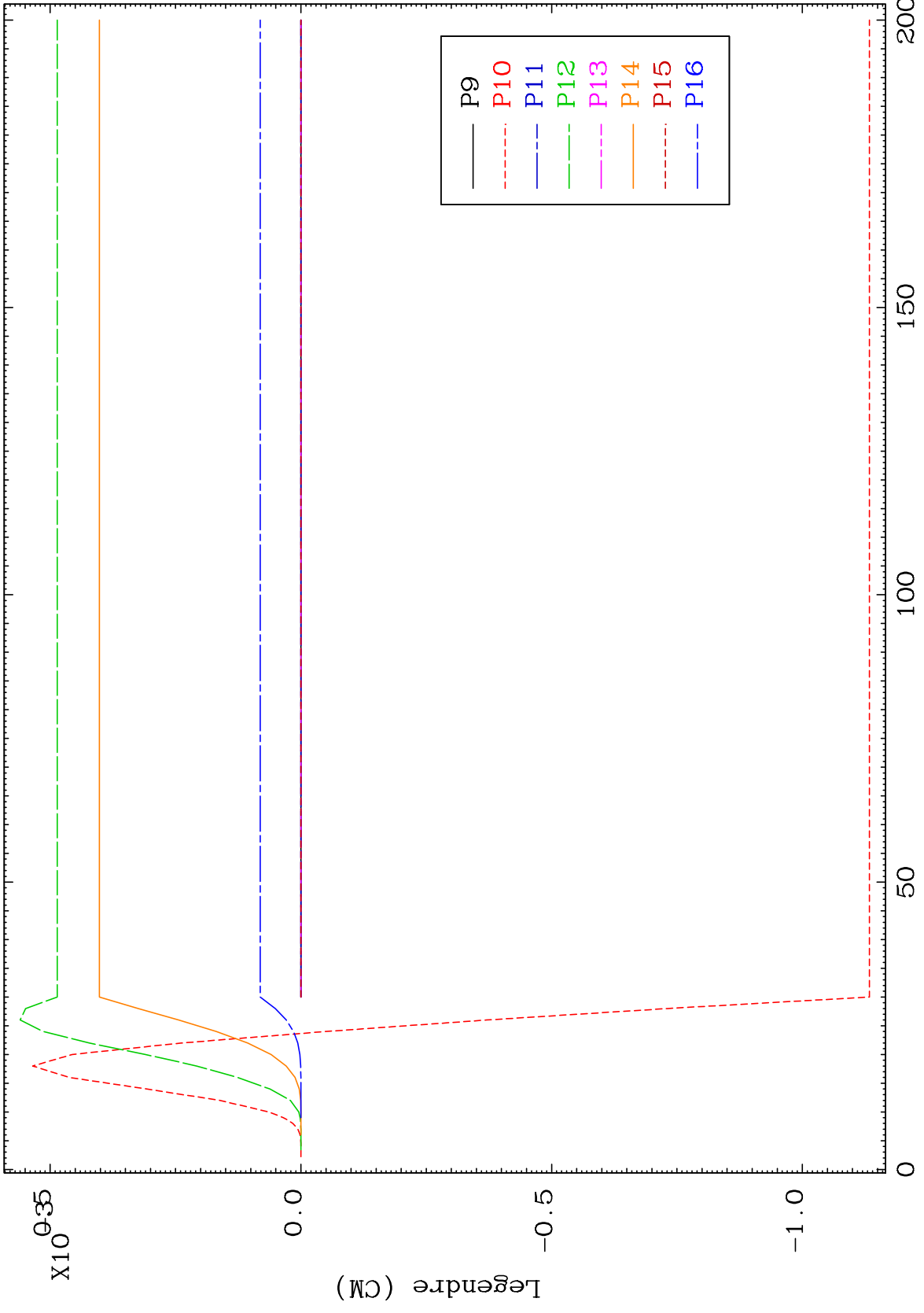
45 Incident Energy (MeV) 50-Sn-115

MAT 5034 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-115

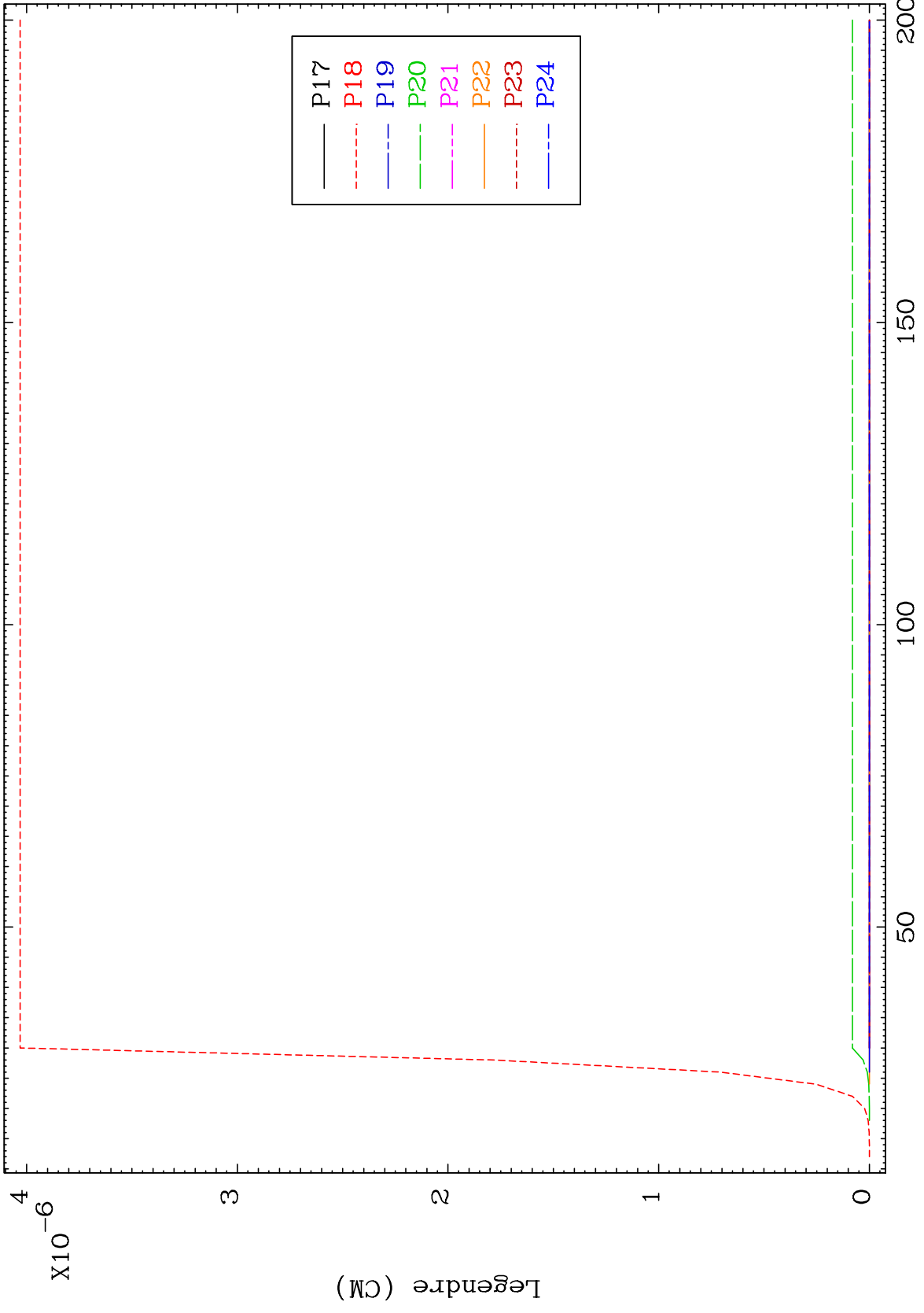


46 50-Sn-115

MAT 5034 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-115

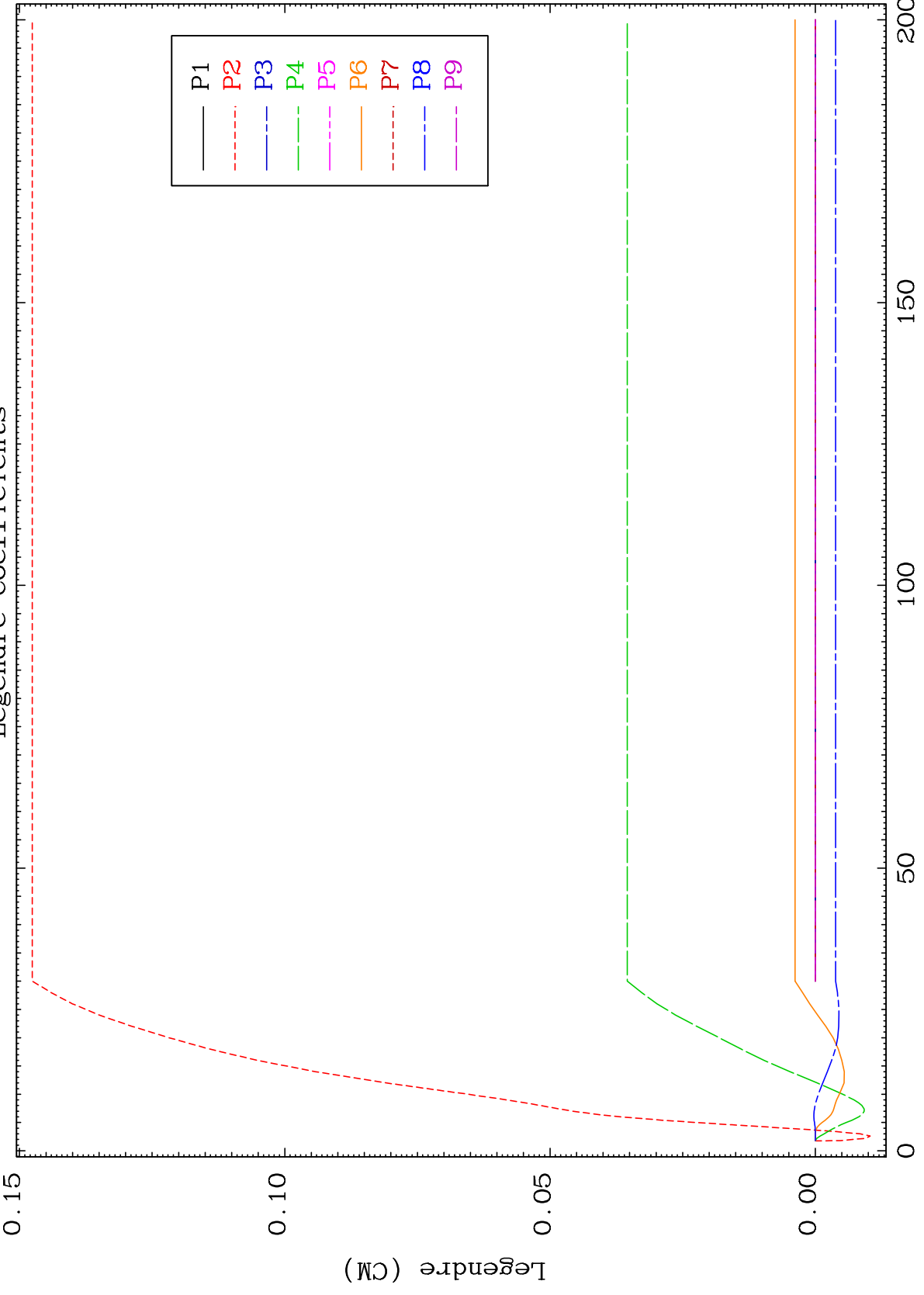


MAT 5034 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-115



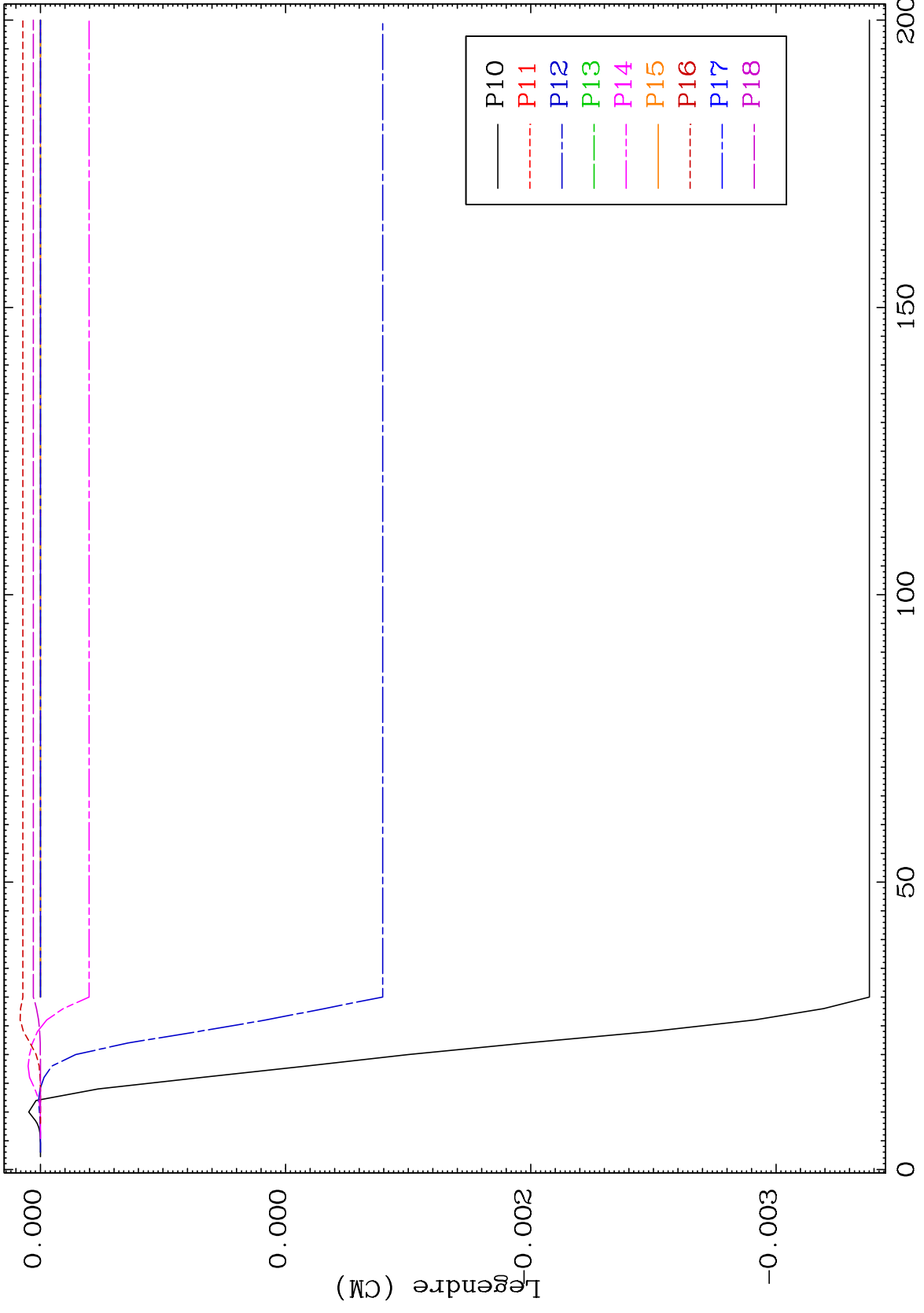
48 Incident Energy (MeV) 50-Sn-115

MAT 5034 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-115



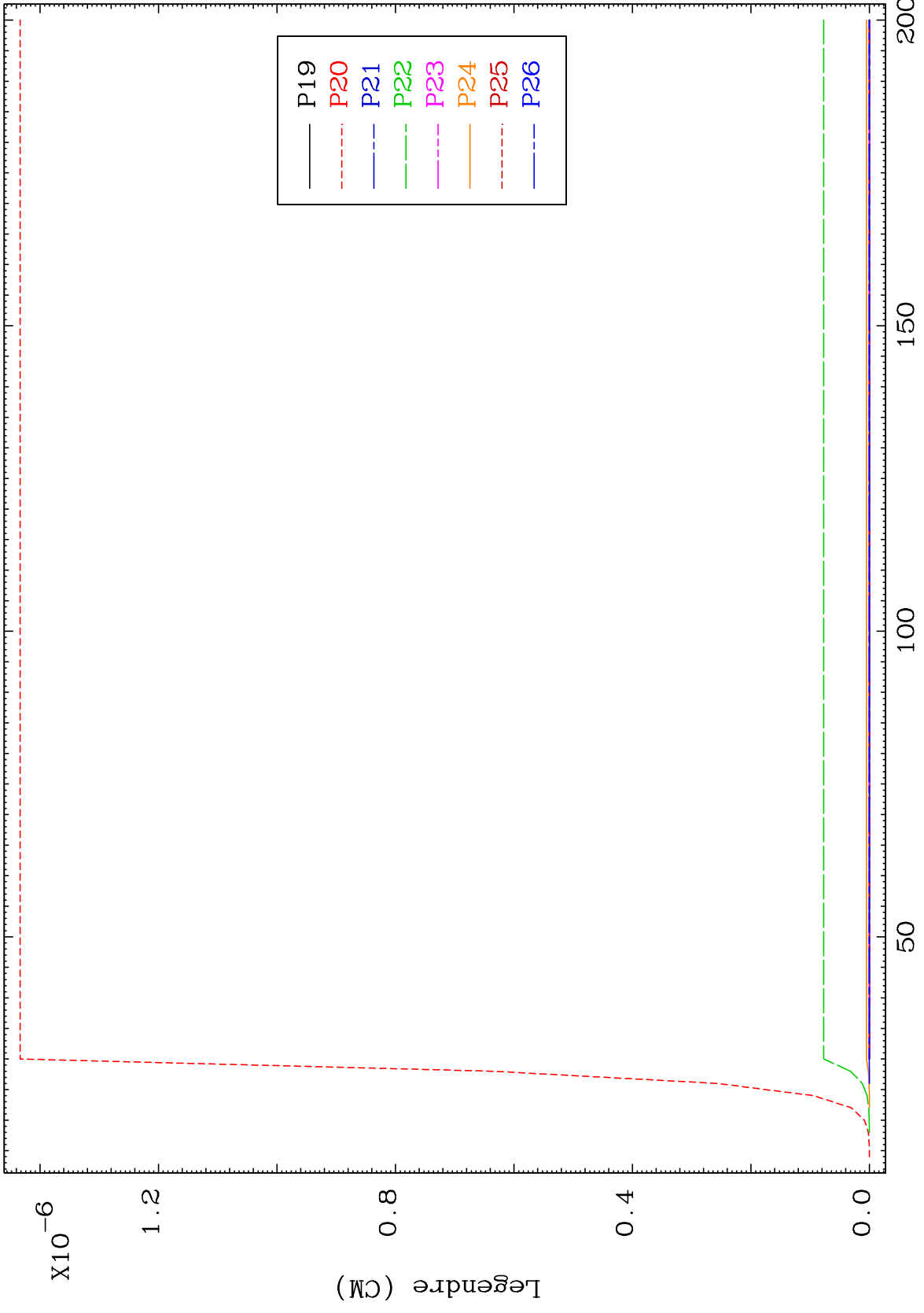
49 50-Sn-115

MAT 5034 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-115



50-Sn-115

MAT 5034 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-115

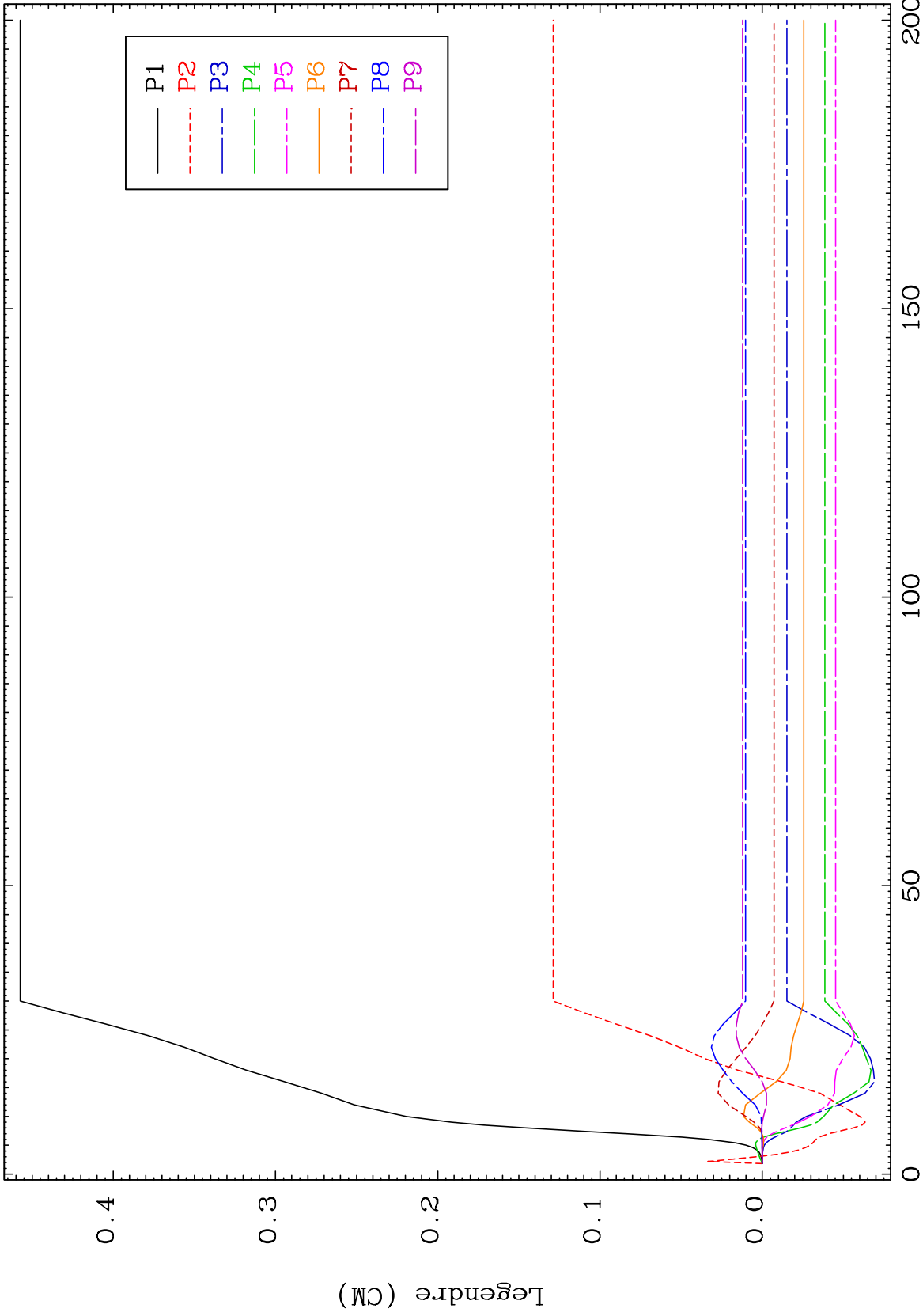


51 50-Sn-115

MAT 5034

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

50-Sn-115

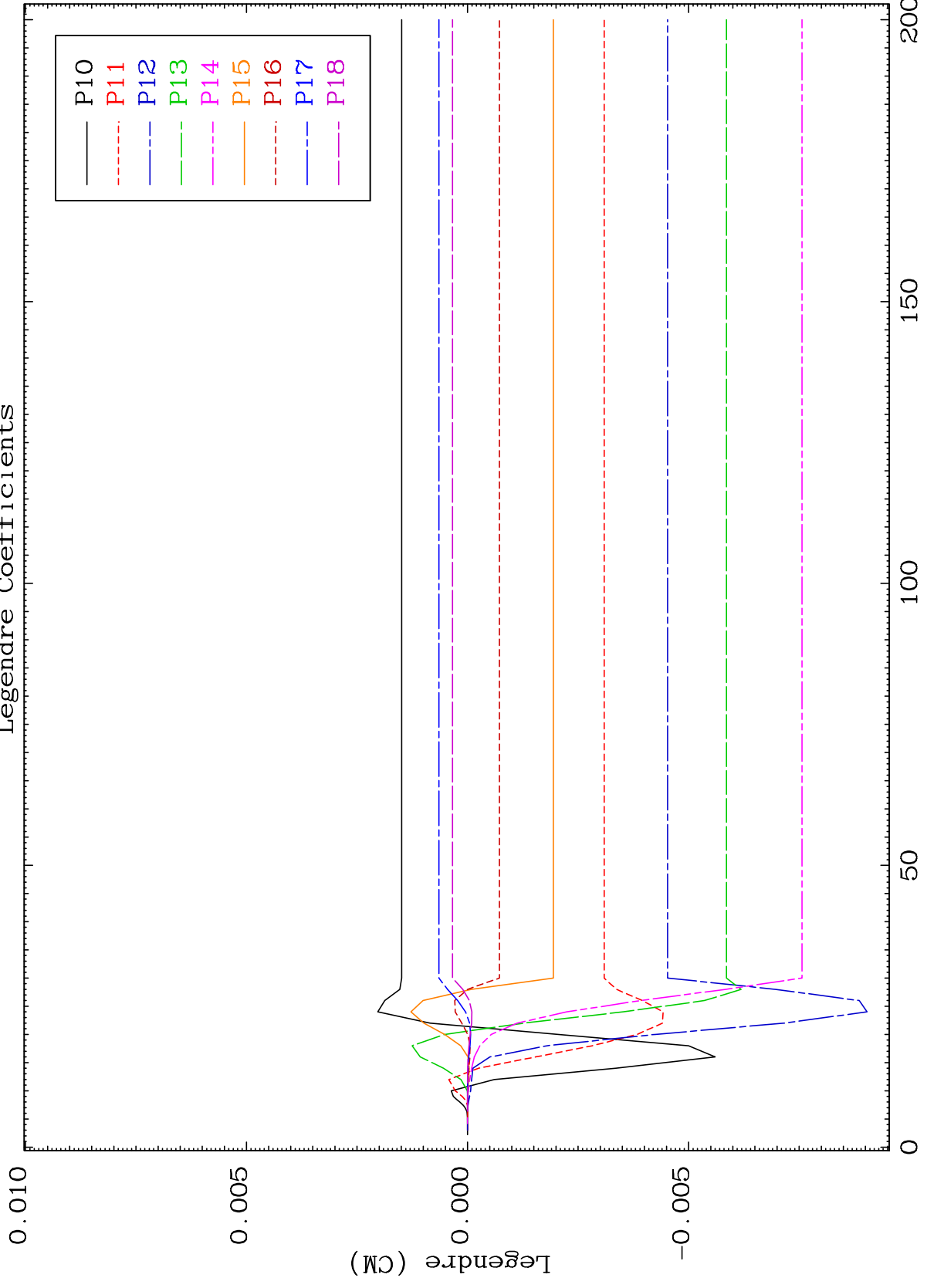


52

Incident Energy (MeV)

50-Sn-115

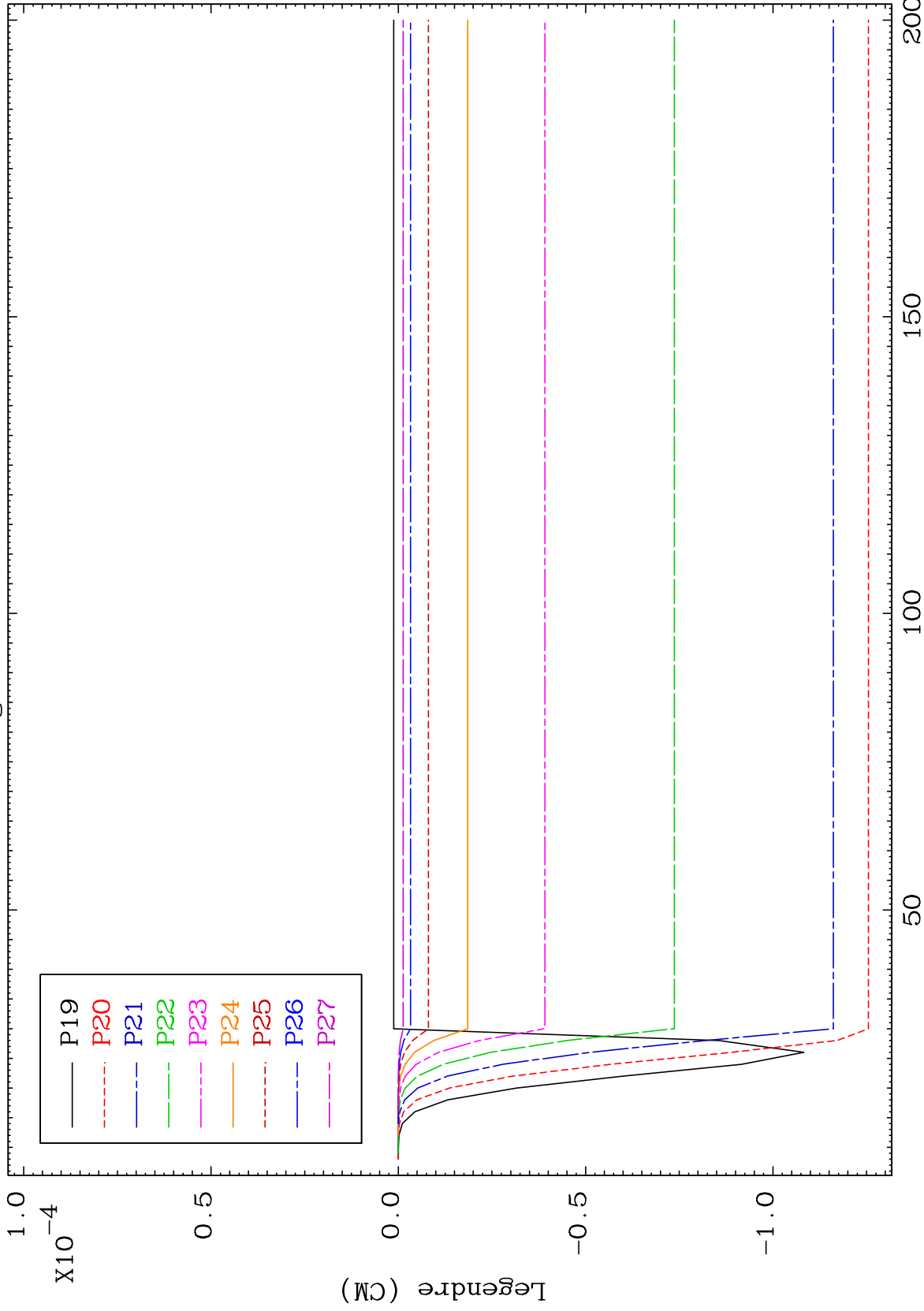
MAT 5034 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-115



MAT 5034

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

50-Sn-115

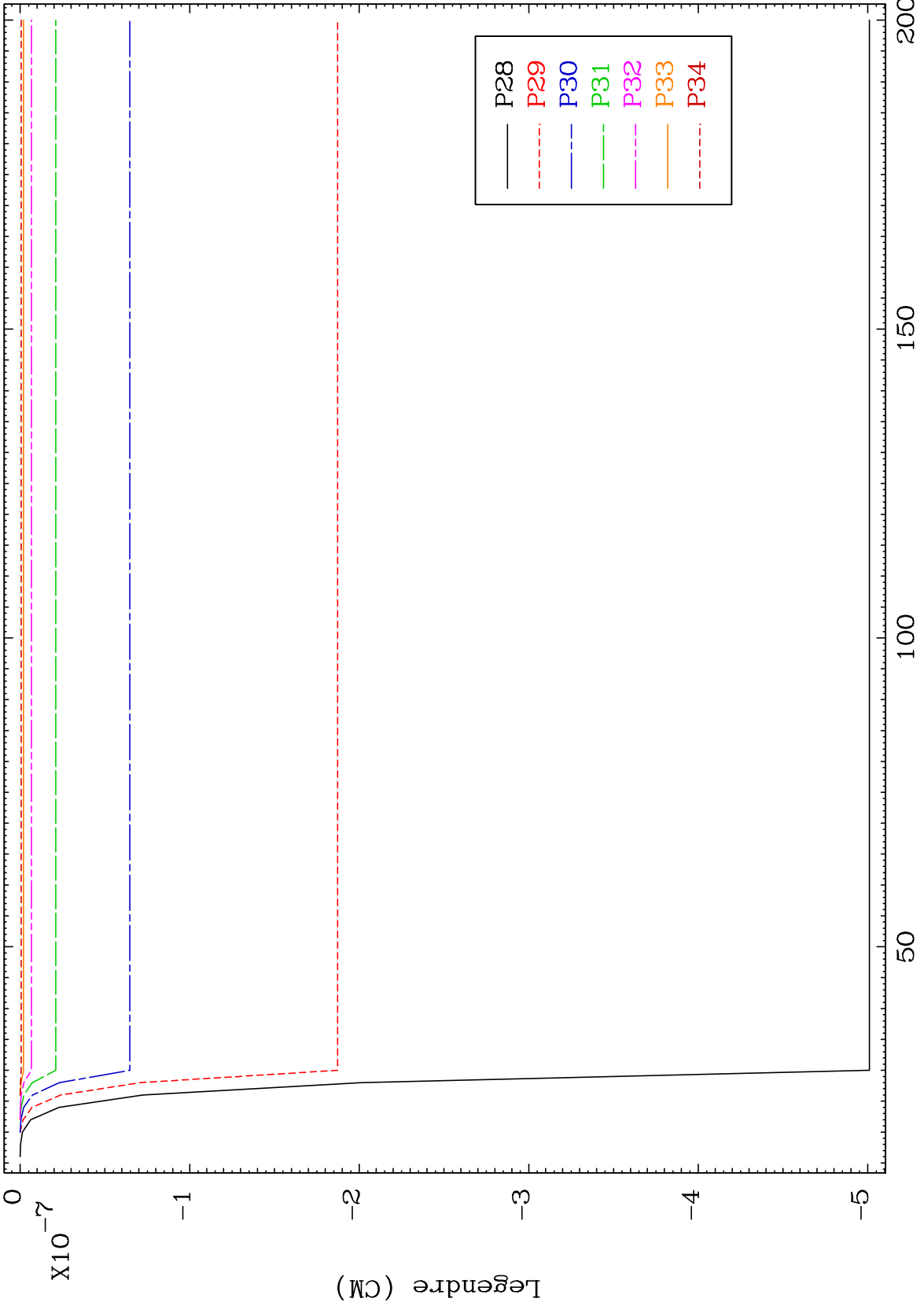


54

Incident Energy (MeV)

50-Sn-115

MAT 5034 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-115

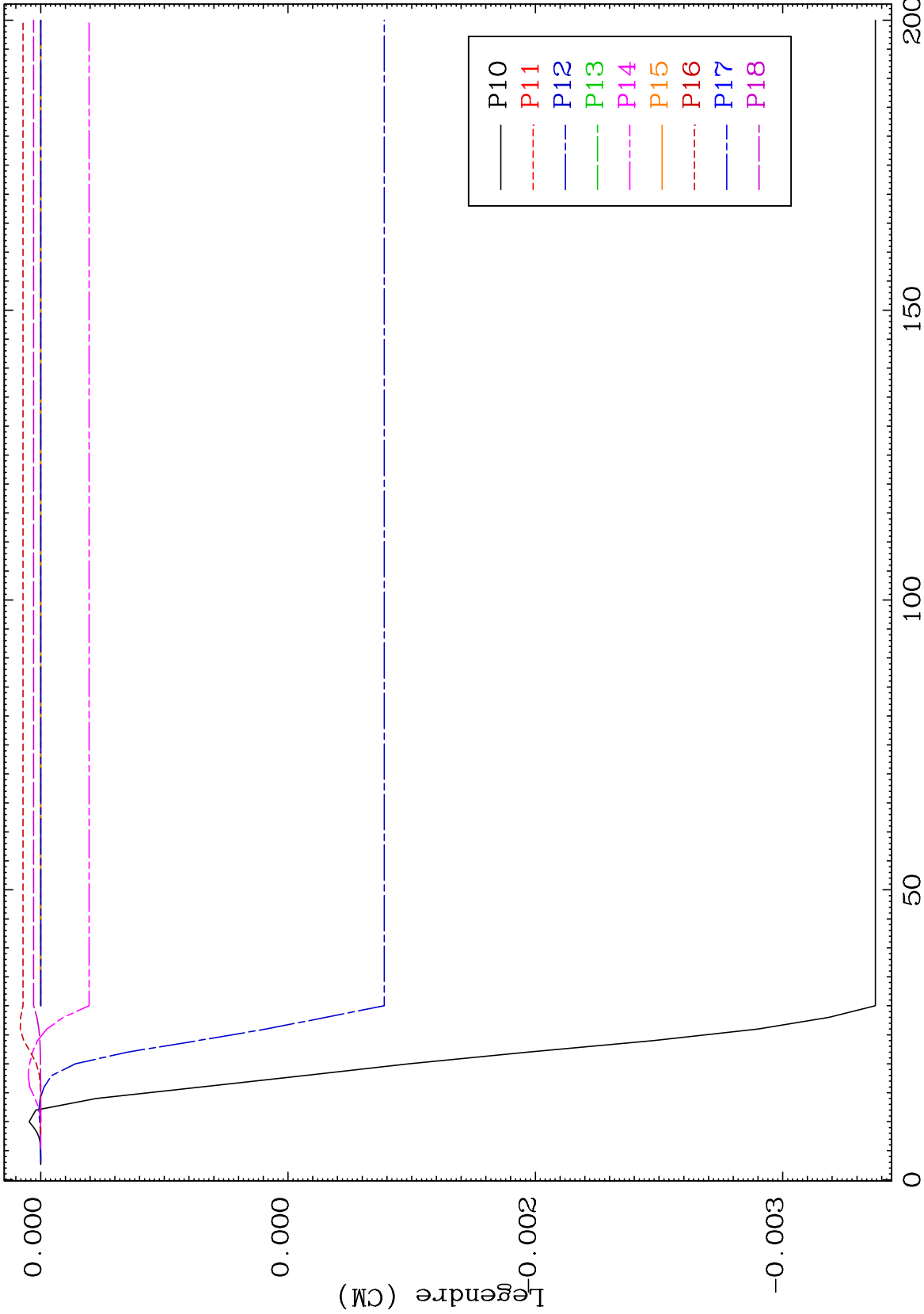


55 Incident Energy (MeV) 200 50-Sn-115

MAT 5034

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

50-Sn-115

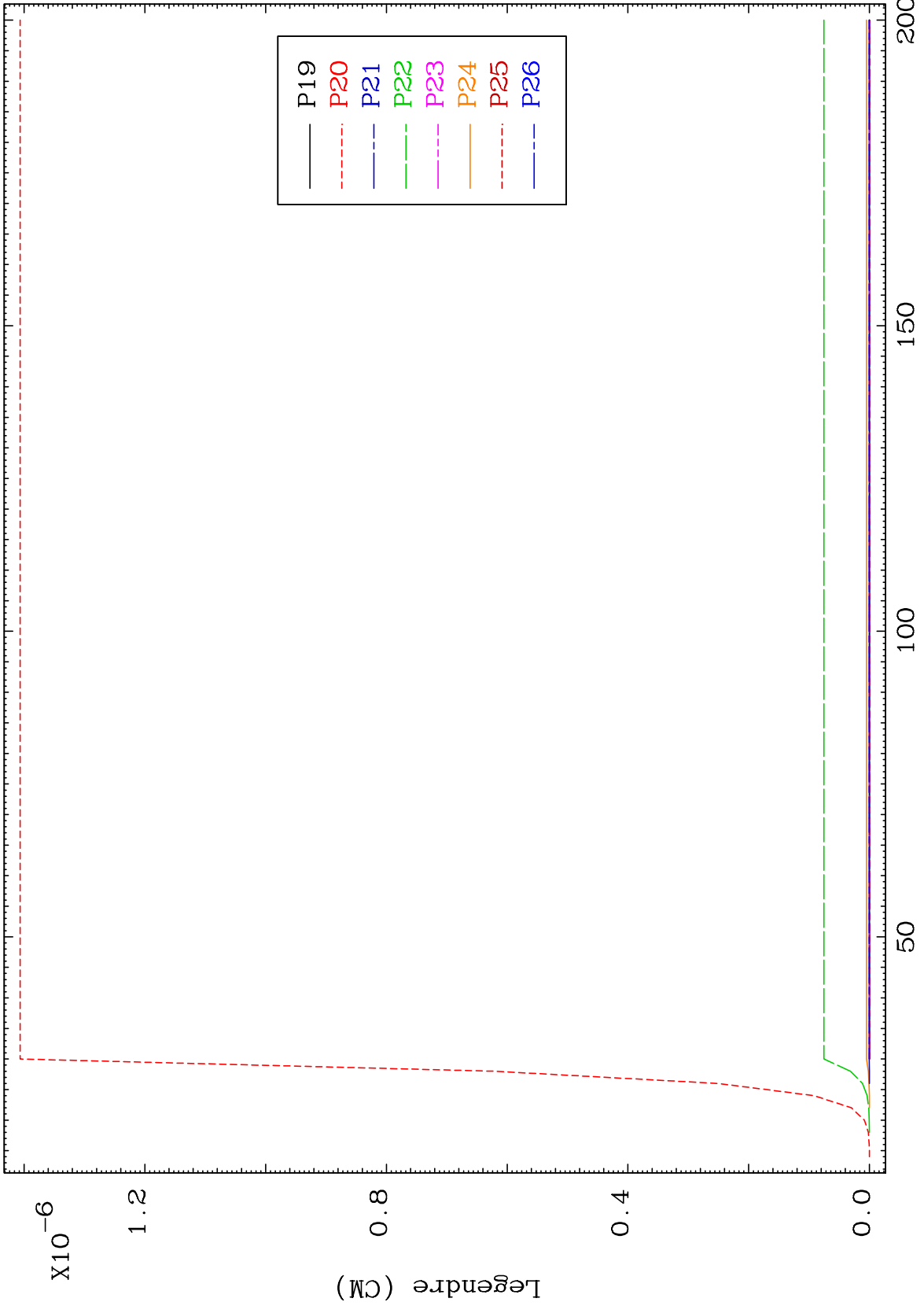


57

Incident Energy (MeV)

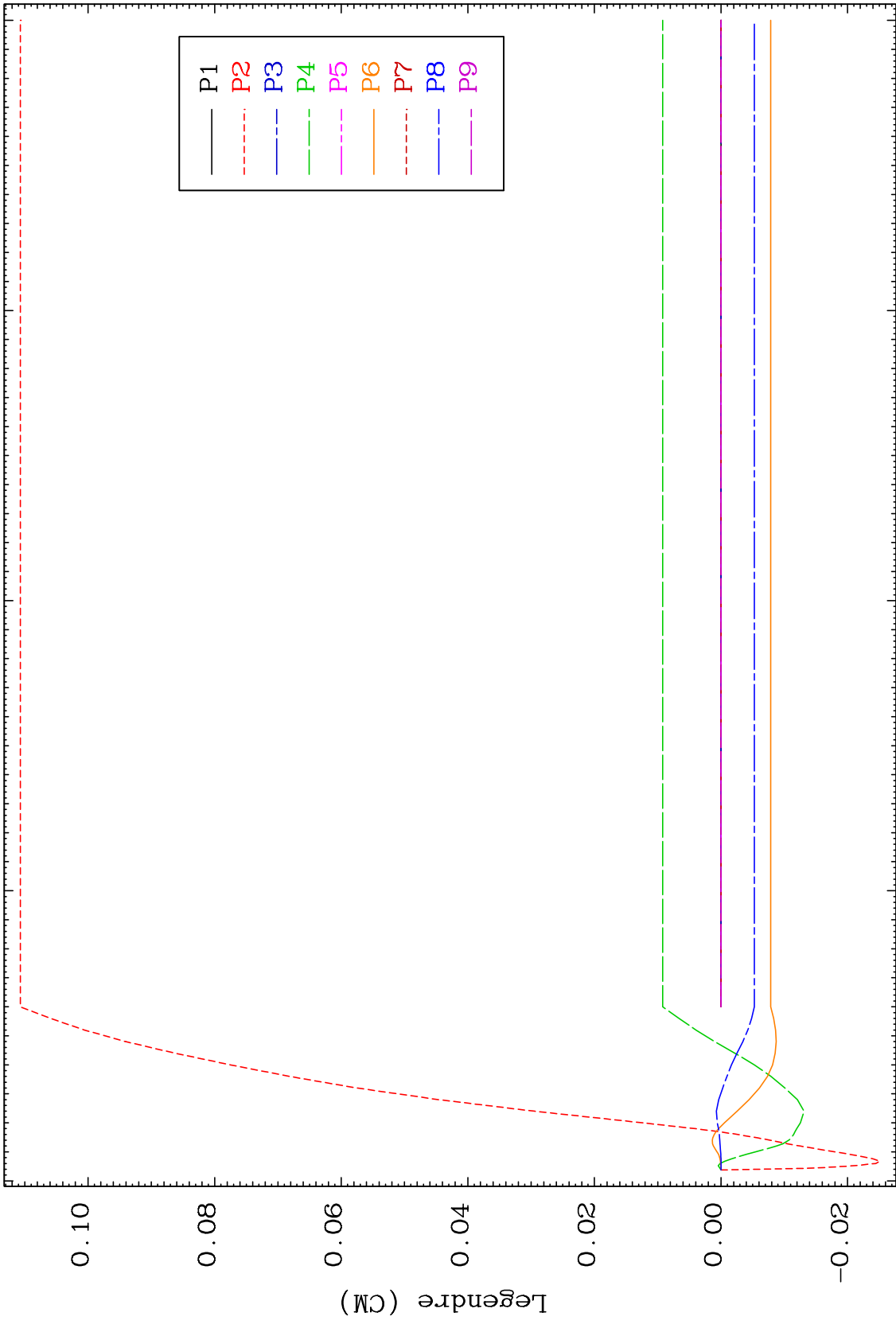
50-Sn-115

MAT 5034 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-115



58 Incident Energy (MeV) 50-Sn-115

MAT 5034 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-115

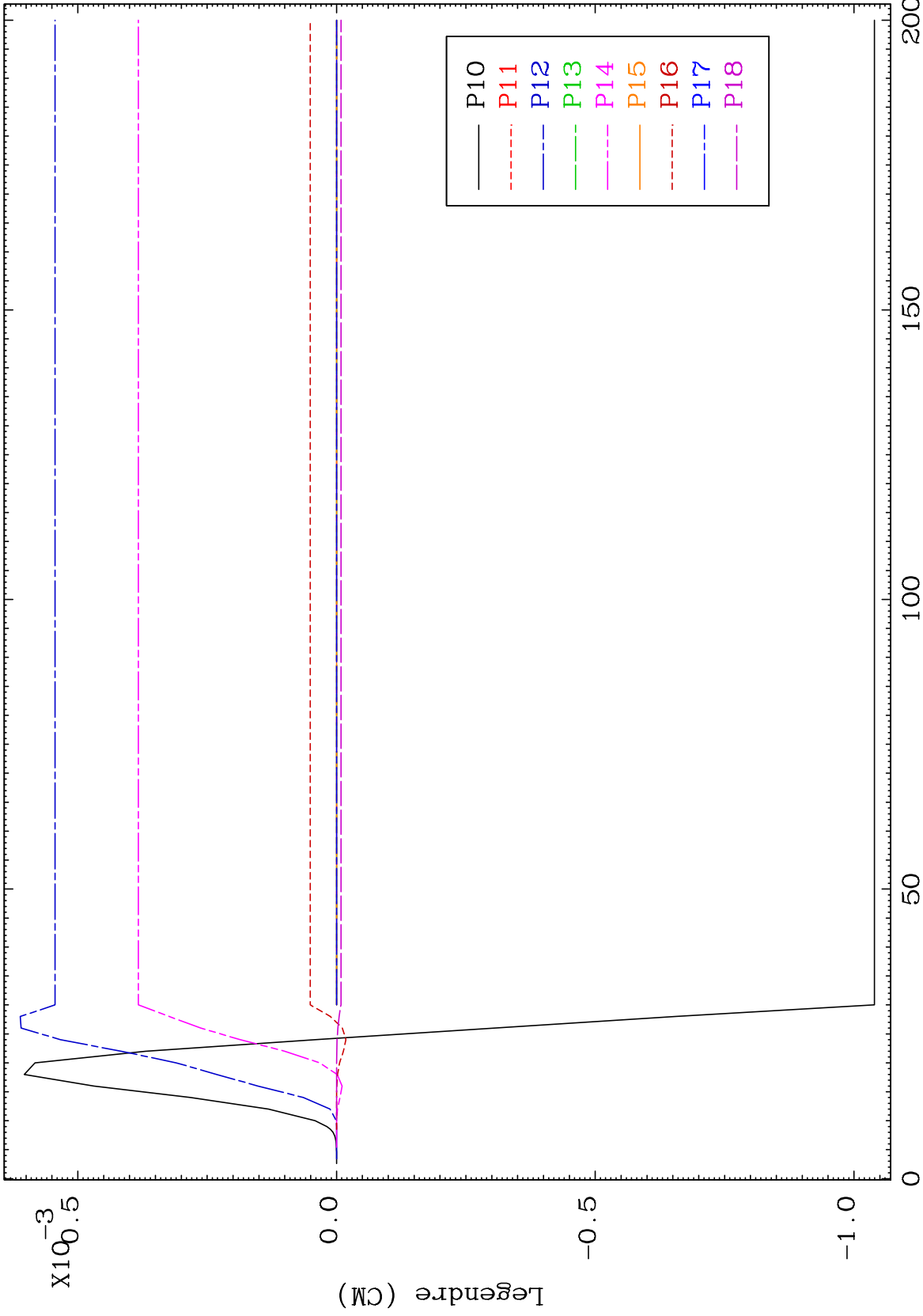


59 Incident Energy (MeV) 50-Sn-115

MAT 5034

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

50-Sn-115

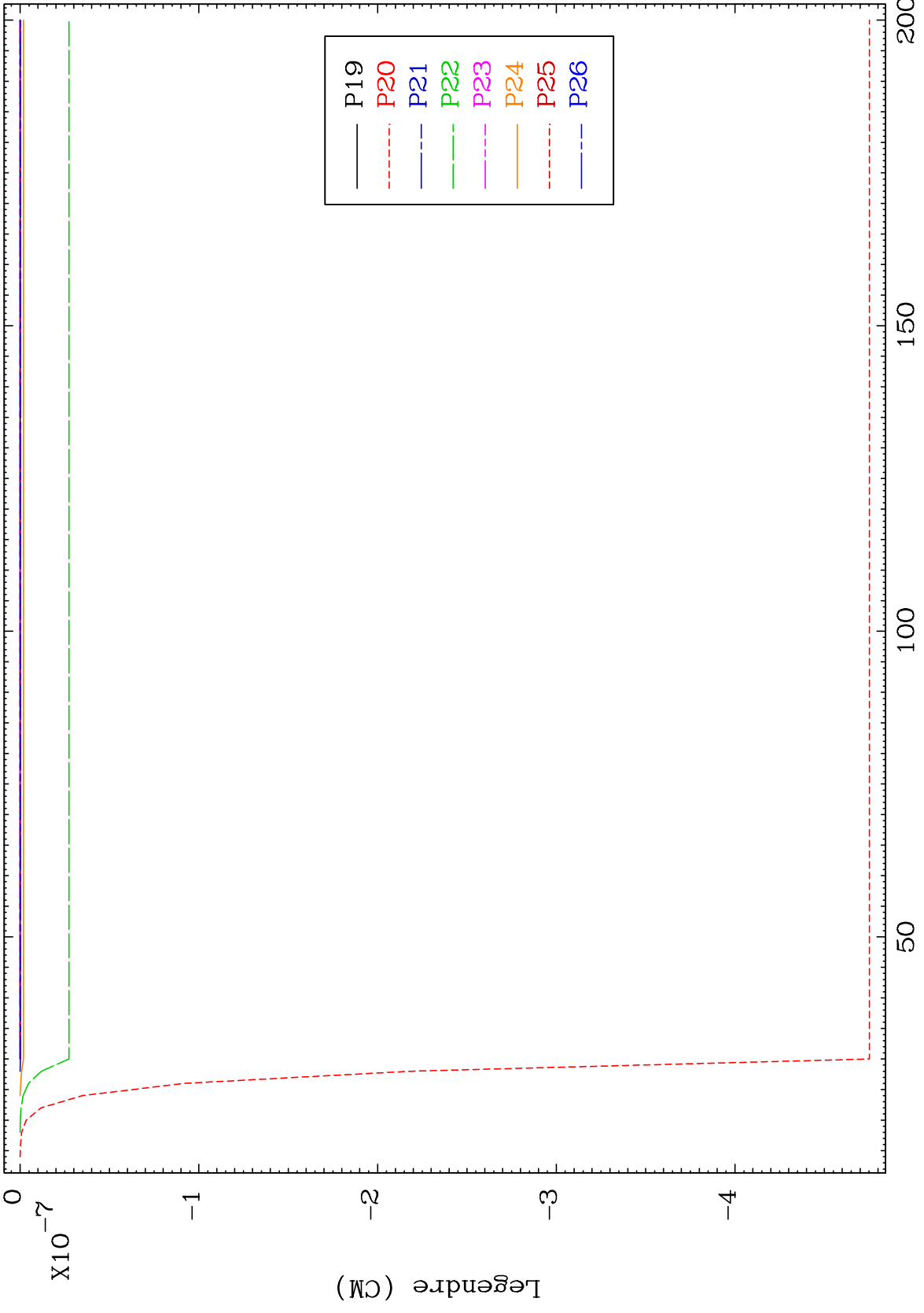


60

Incident Energy (MeV)

50-Sn-115

MAT 5034 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-115

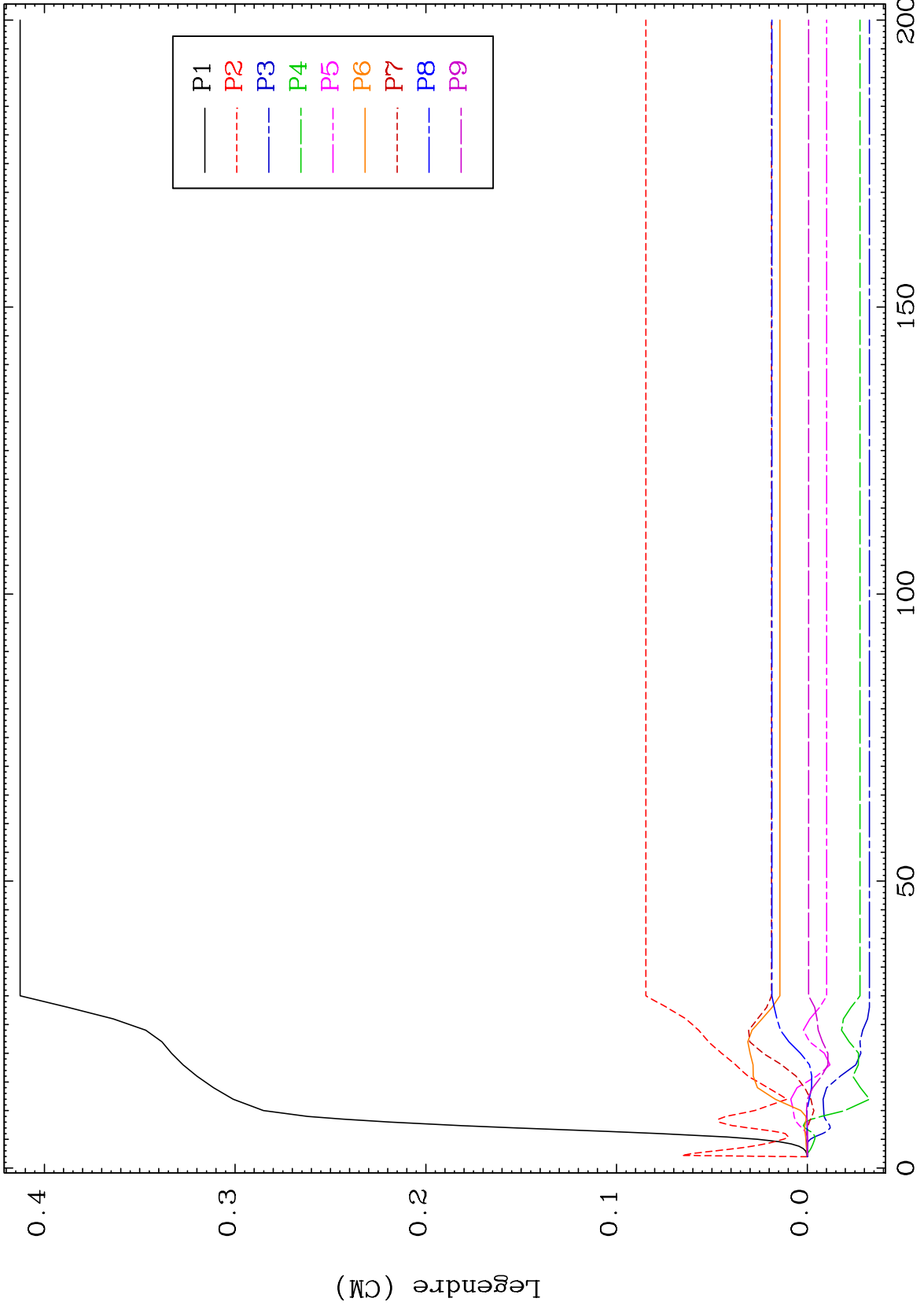


61 50-Sn-115

MAT 5034

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

50-Sn-115



62

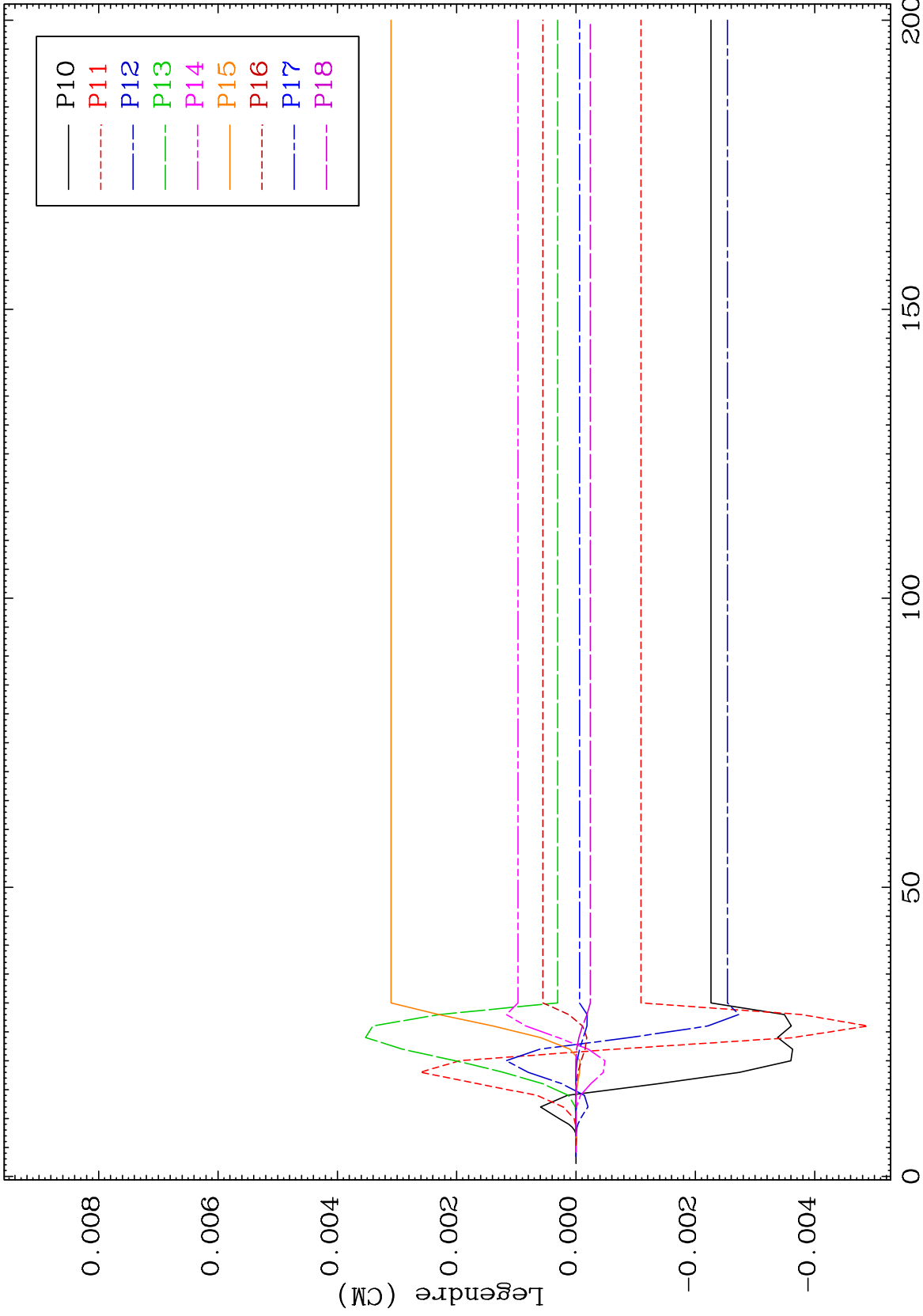
Incident Energy (MeV)

50-Sn-115

MAT 5034

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

50-Sn-115

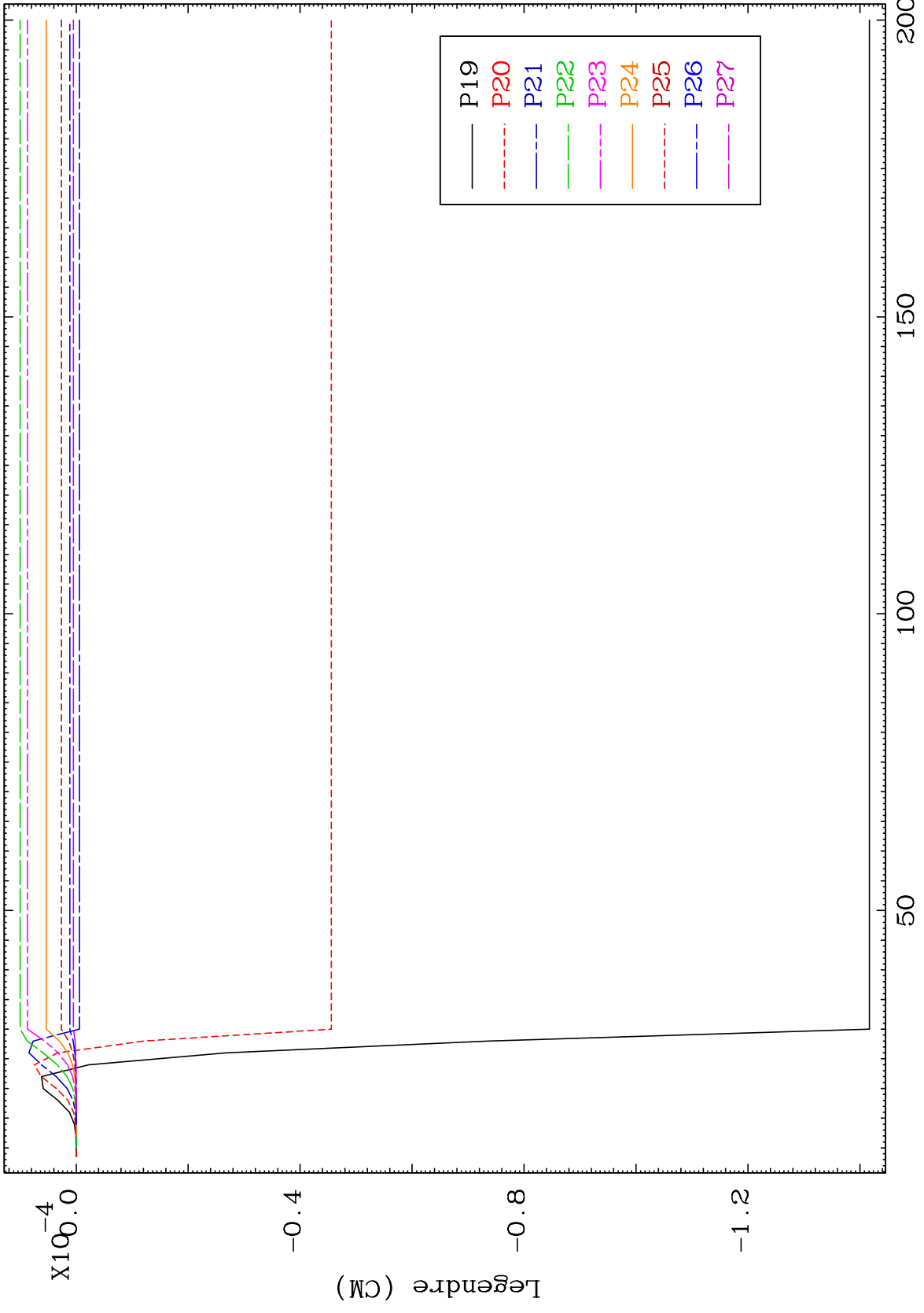


63

Incident Energy (MeV)

50-Sn-115

MAT 5034 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-115

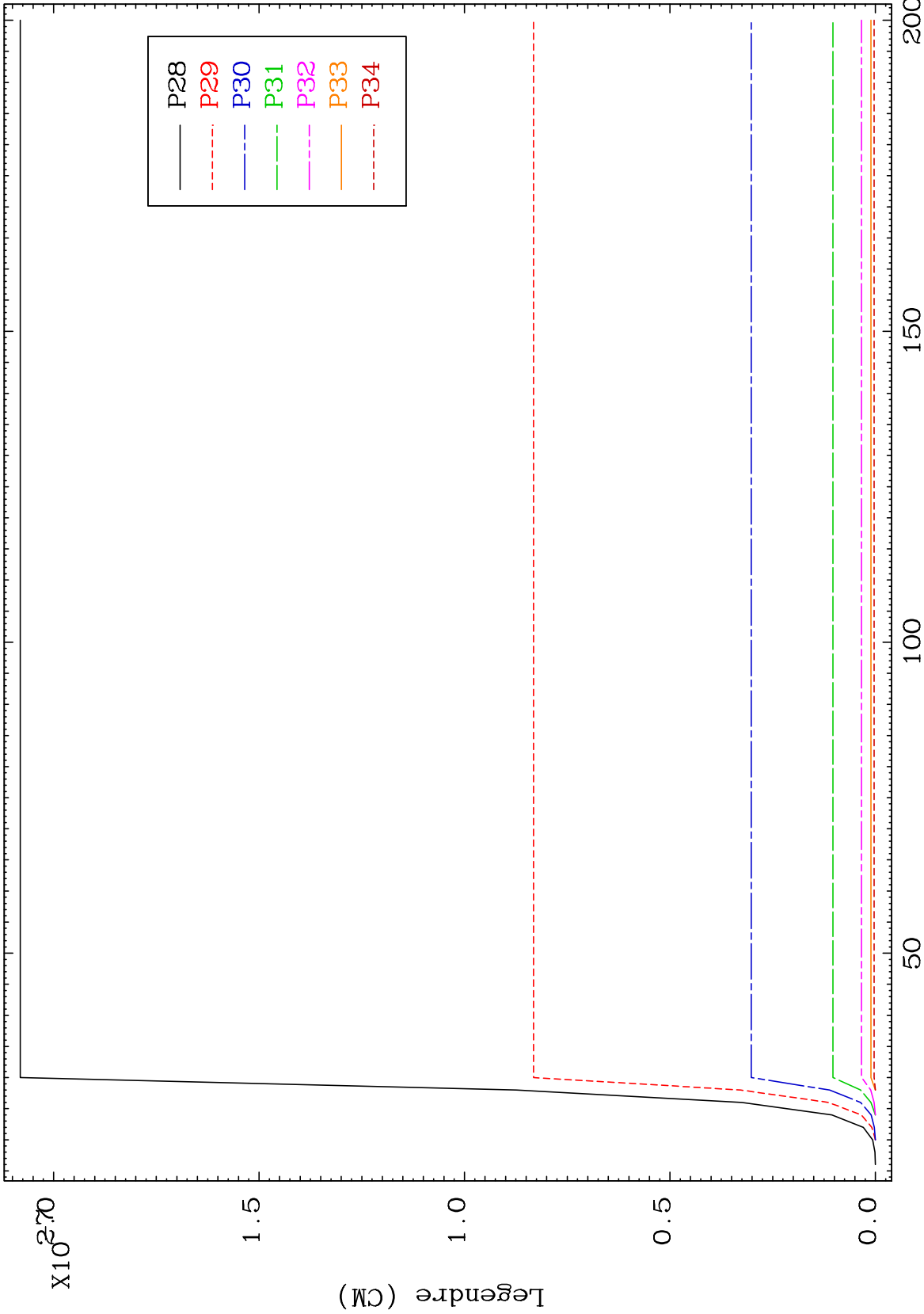


64 50-Sn-115

MAT 5034

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

50-Sn-115

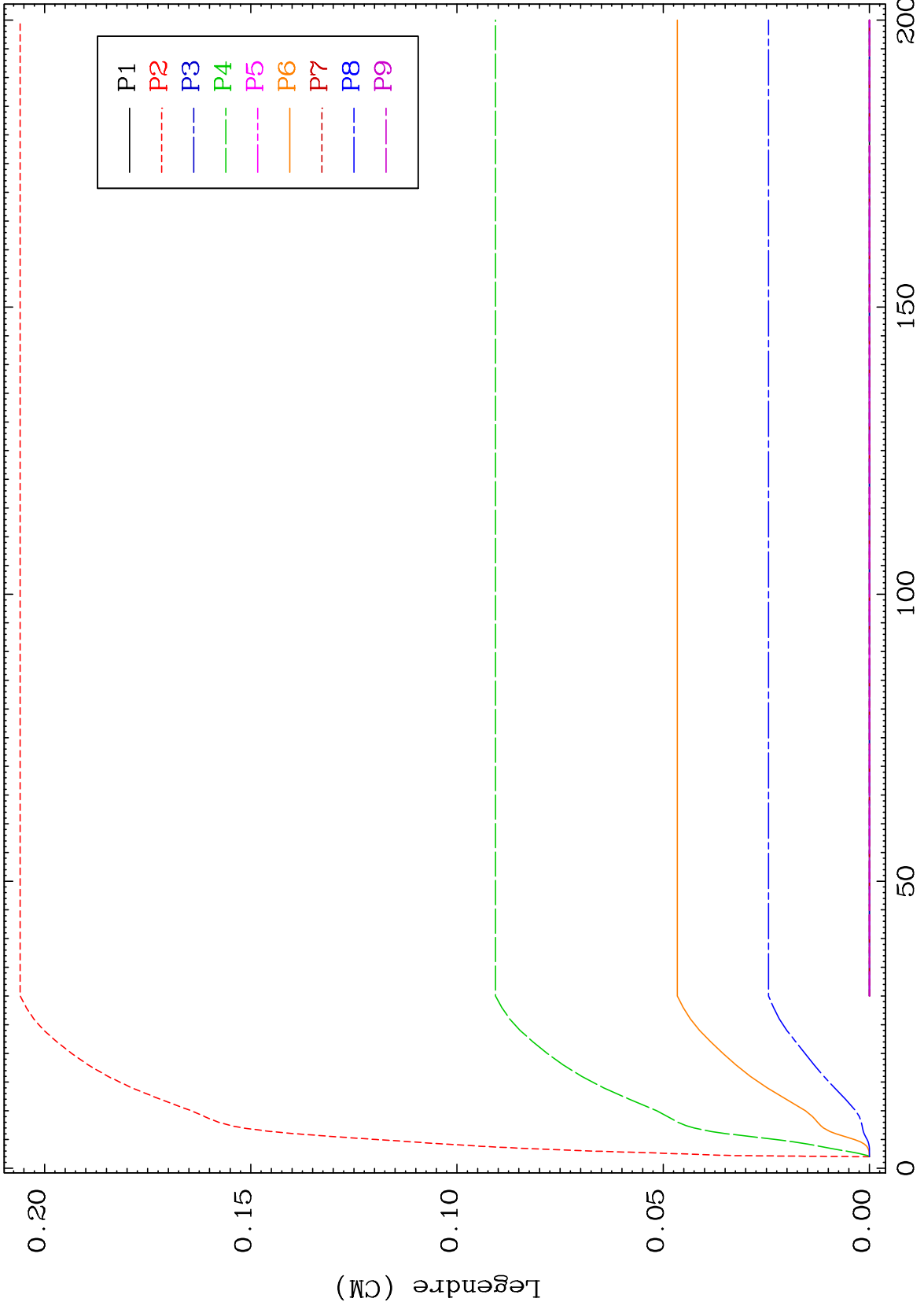


65

Incident Energy (MeV)

50-Sn-115

MAT 5034 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-115

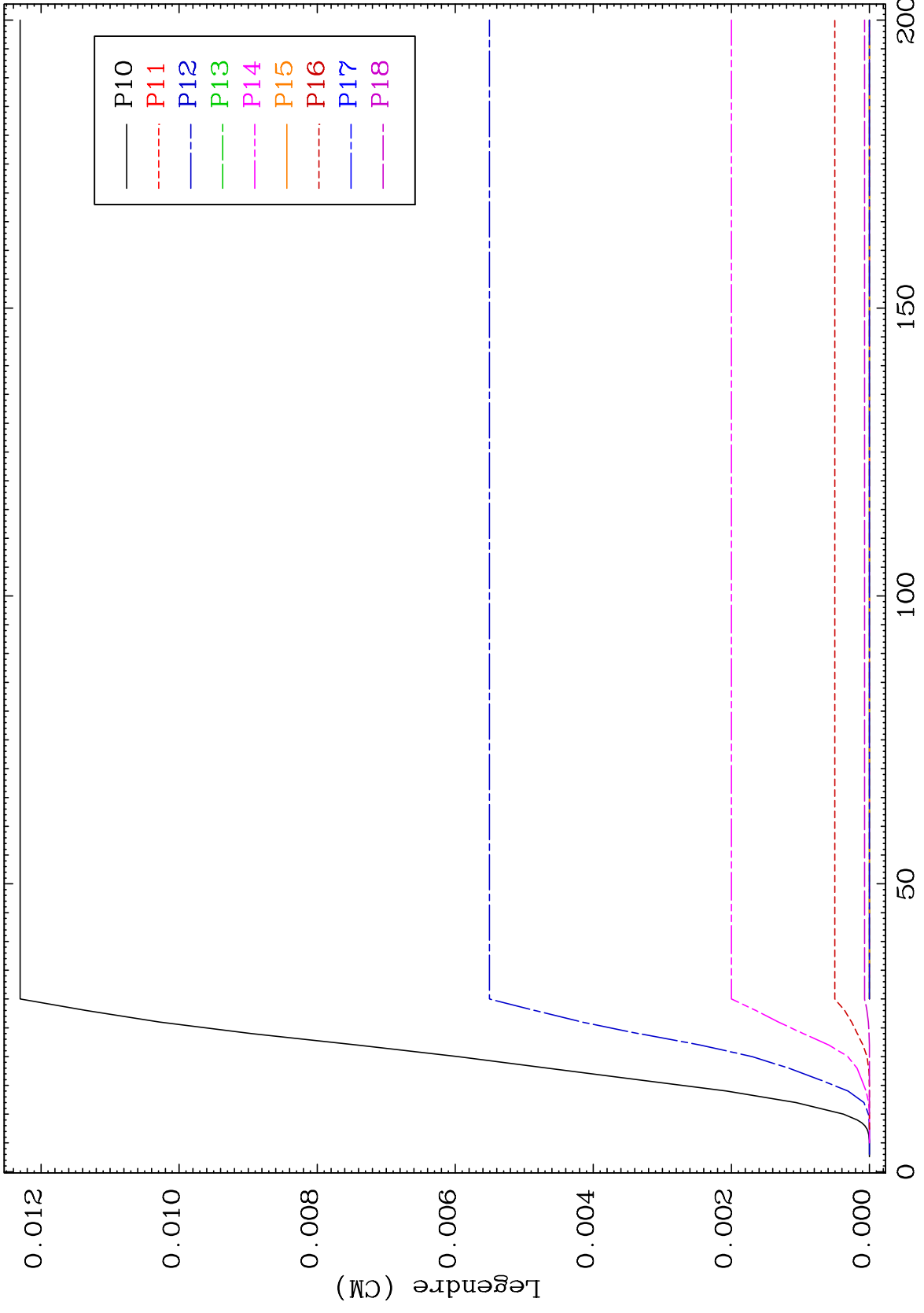


66 Incident Energy (MeV) 50-Sn-115

MAT 5034

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

50-Sn-115

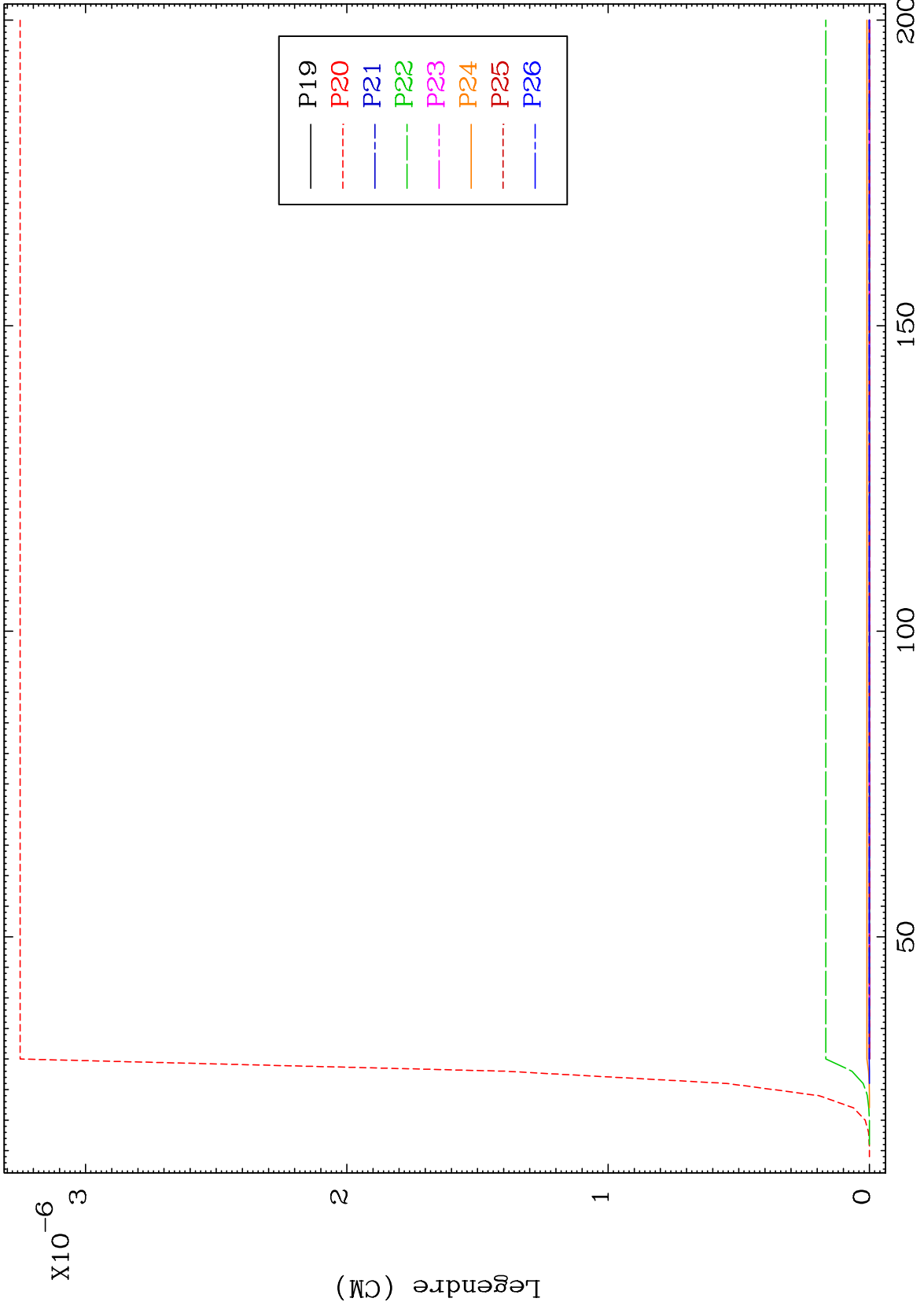


67

Incident Energy (MeV)

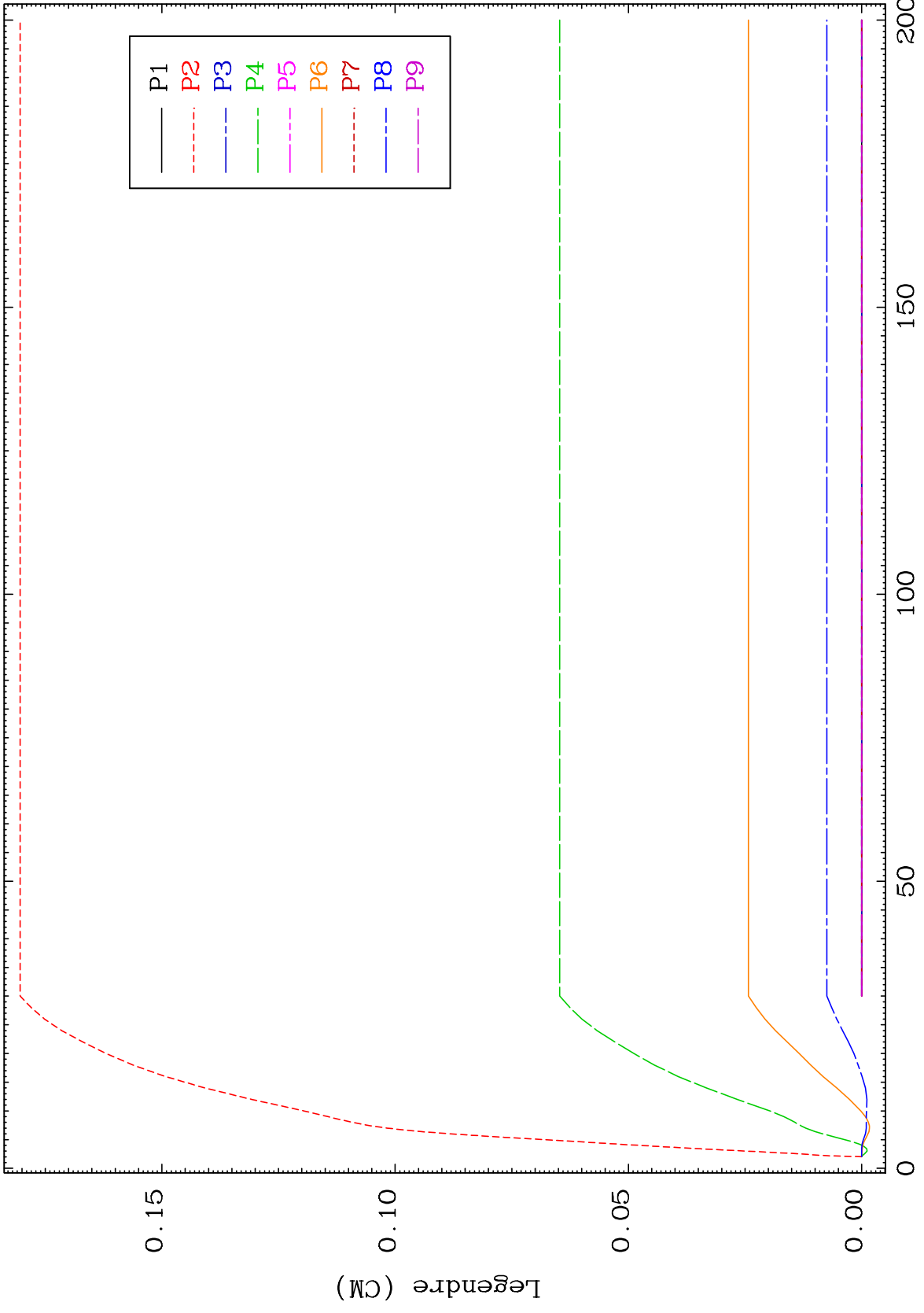
50-Sn-115

MAT 5034 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-115



68 Incident Energy (MeV) 50-Sn-115

MAT 5034 MT= 67 (n,n') Level Legendre Coefficients 50-Sn-115

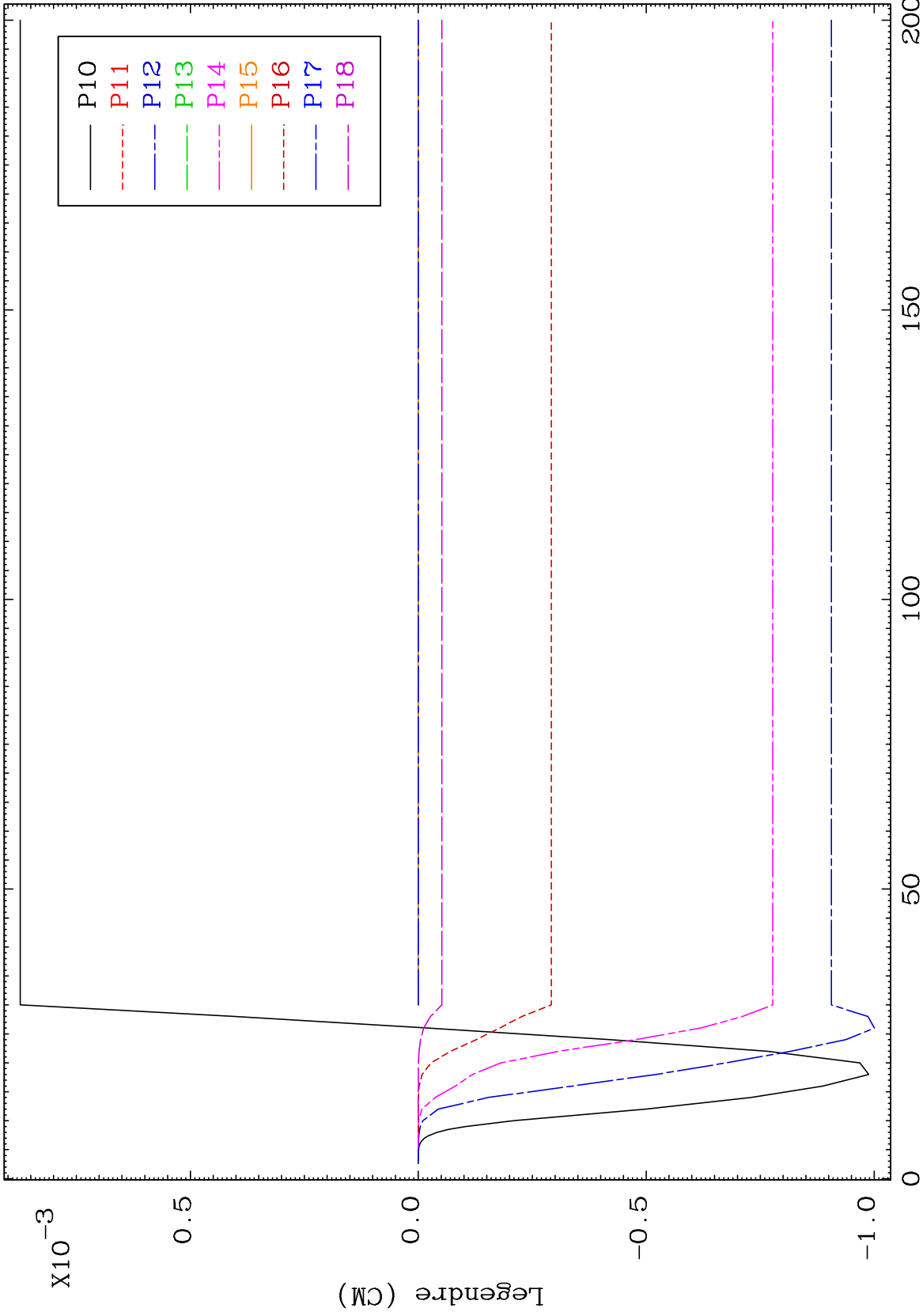


69 50-Sn-115

MAT 5034

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

50-Sn-115



70

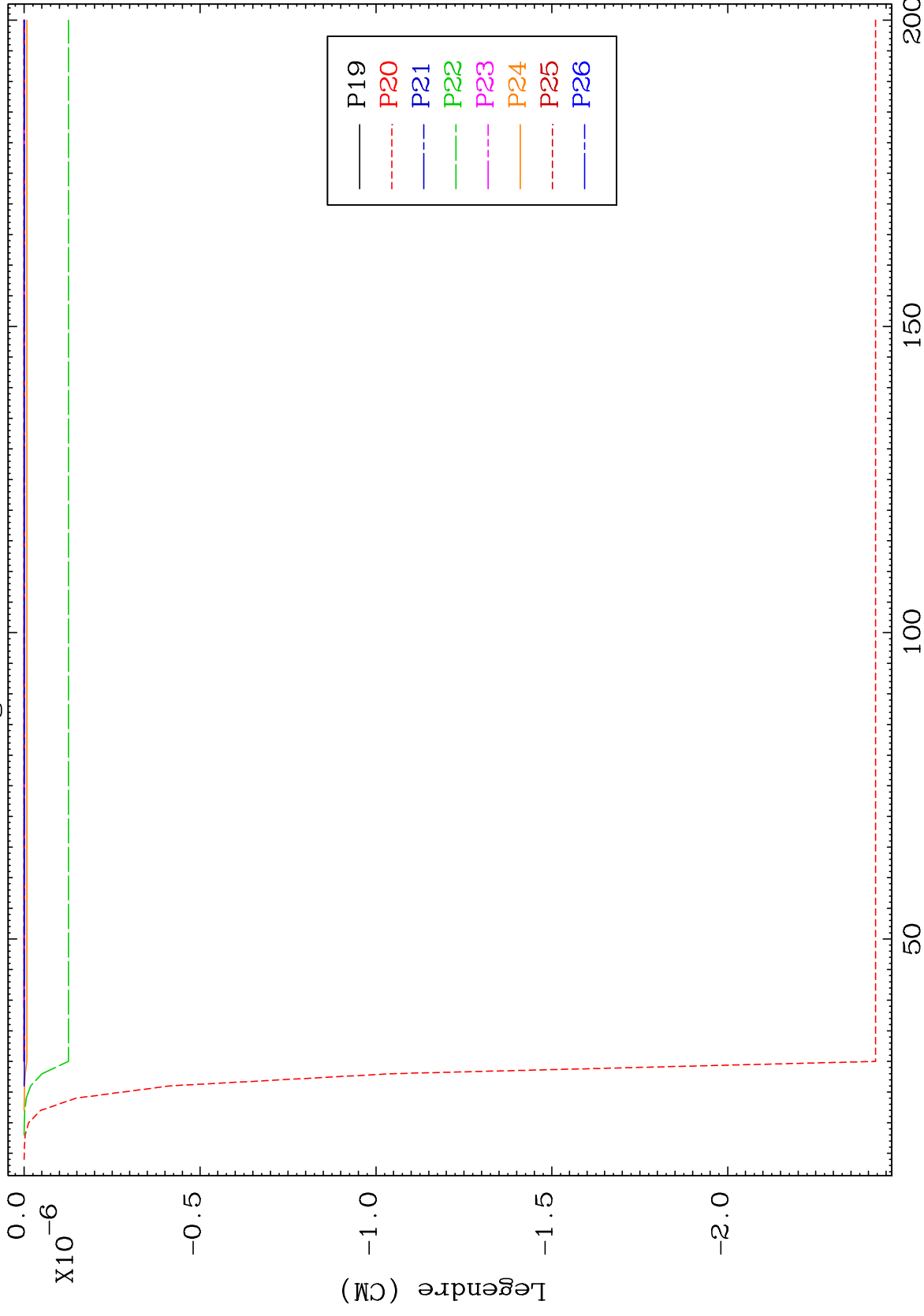
Incident Energy (MeV)

50-Sn-115

MAT 5034

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

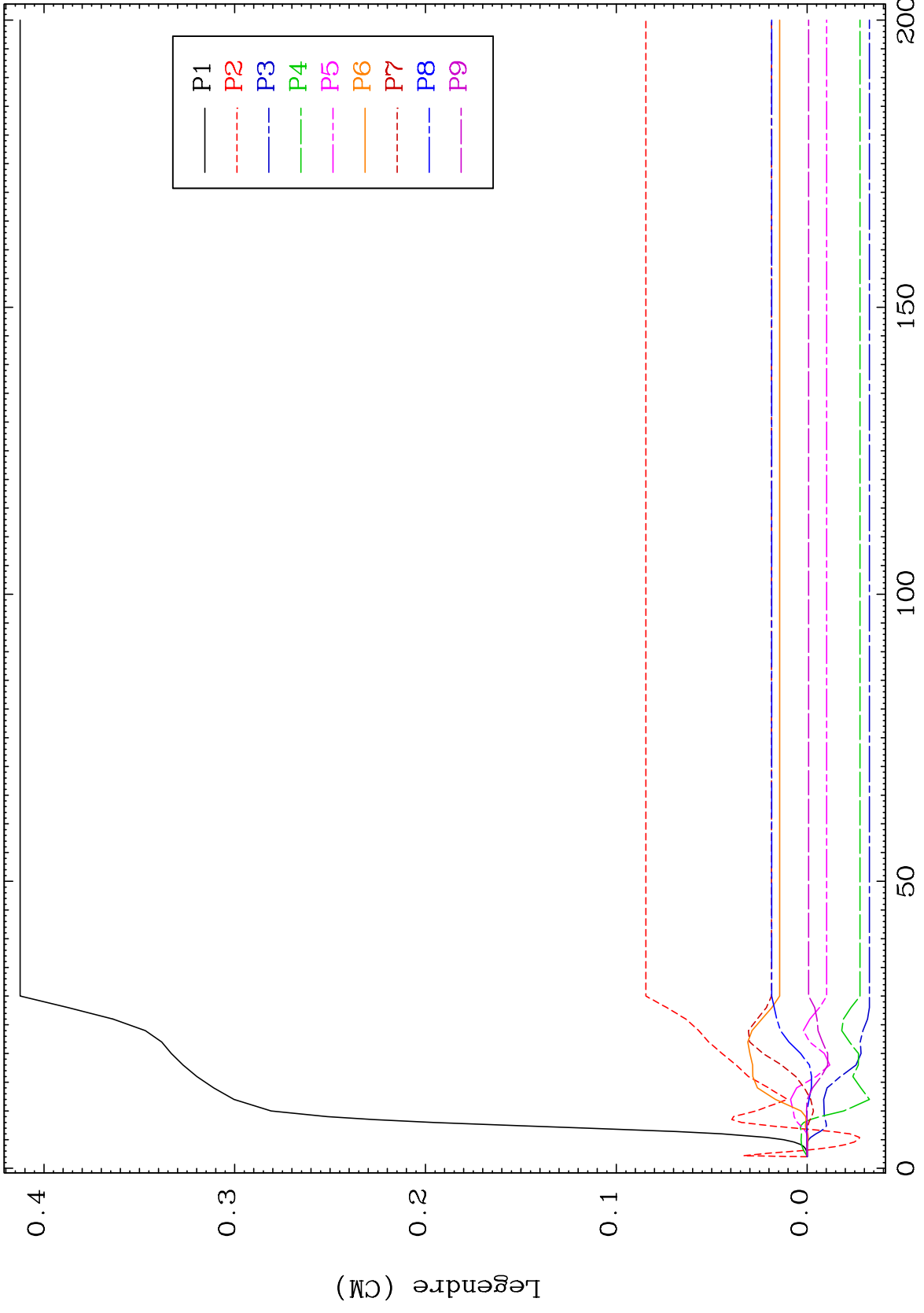
50-Sn-115



MAT 5034

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

50-Sn-115



72

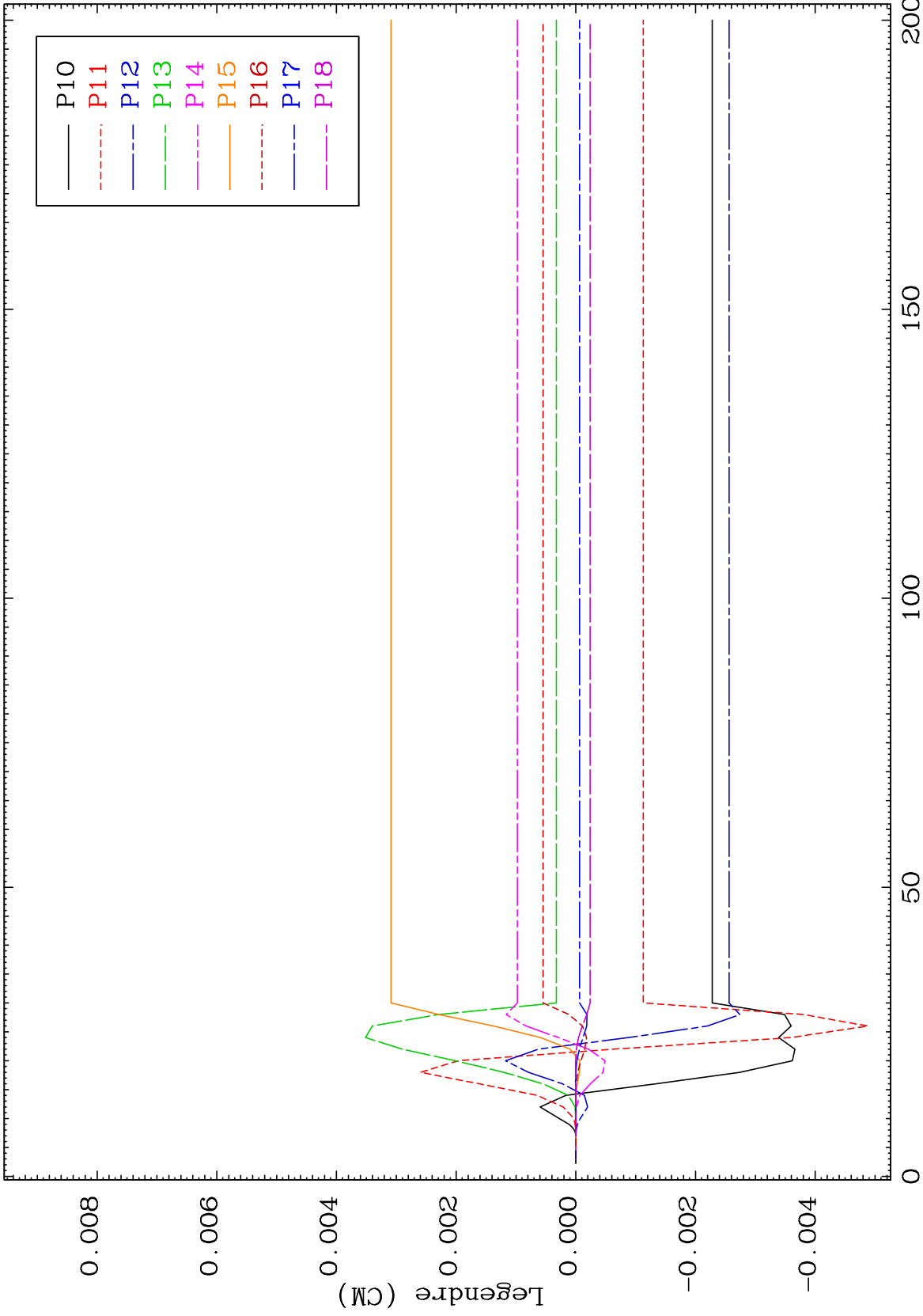
Incident Energy (MeV)

50-Sn-115

MAT 5034

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

50-Sn-115

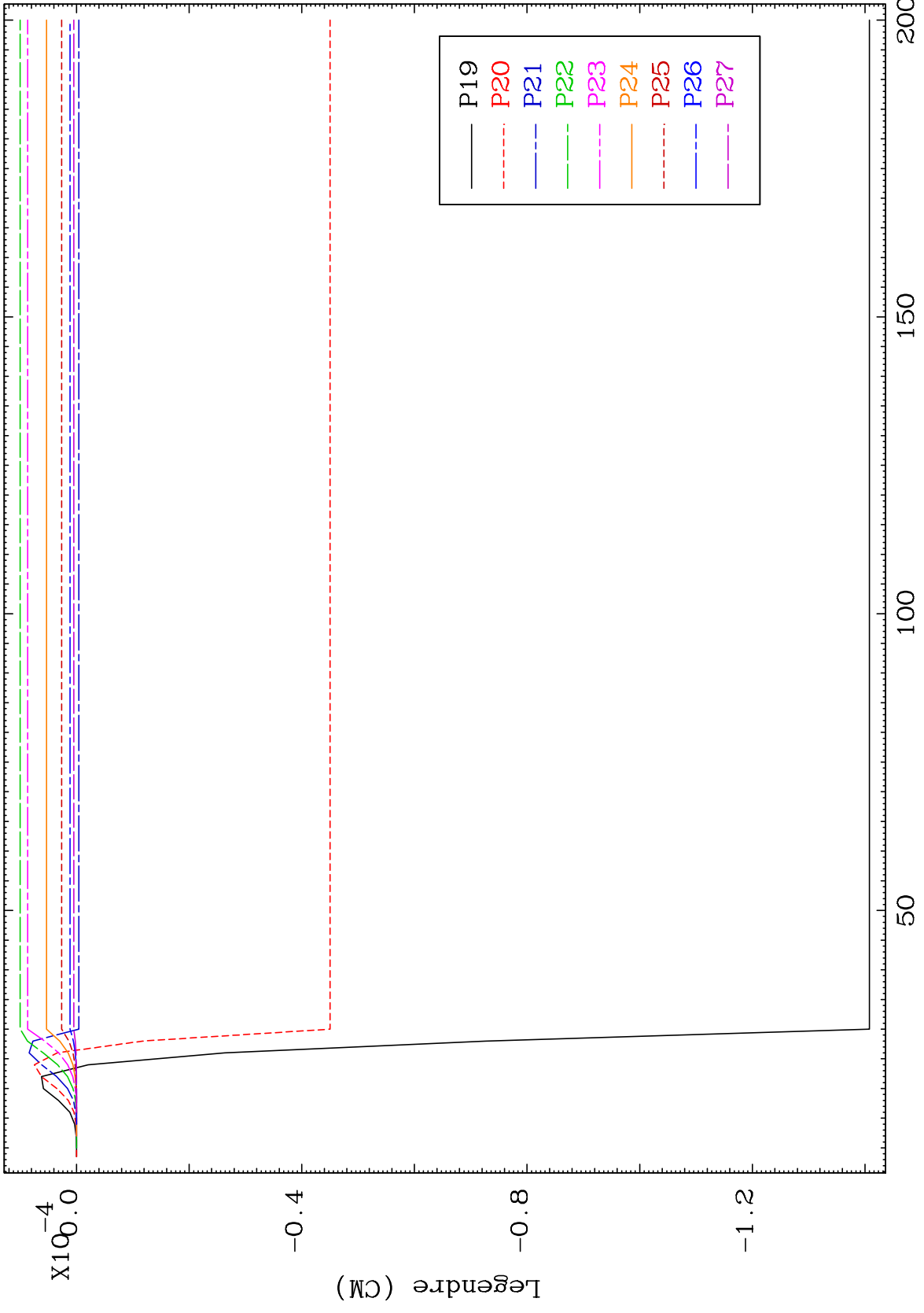


73

Incident Energy (MeV)

50-Sn-115

MAT 5034 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-115

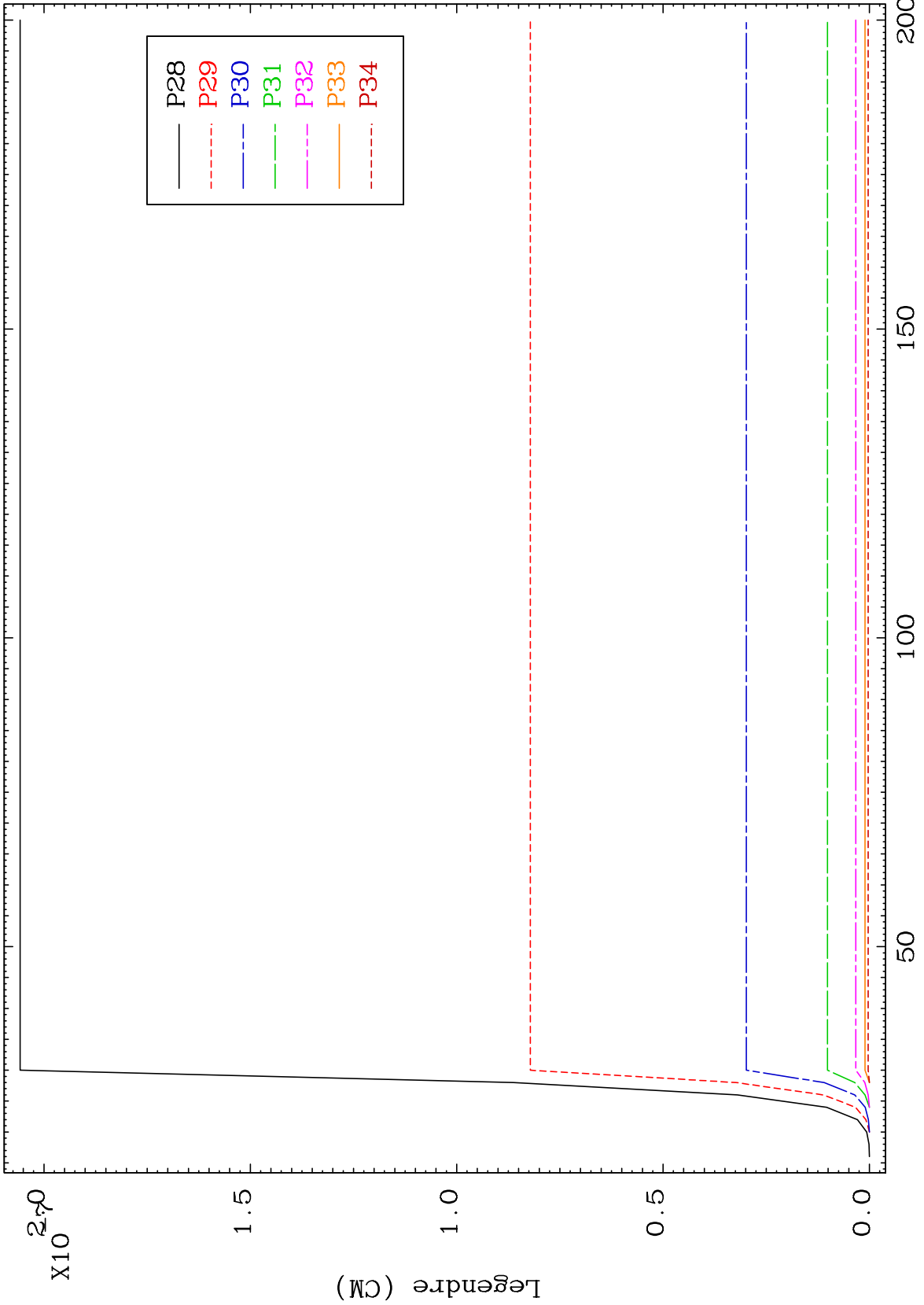


74 50-Sn-115

MAT 5034

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

50-Sn-115

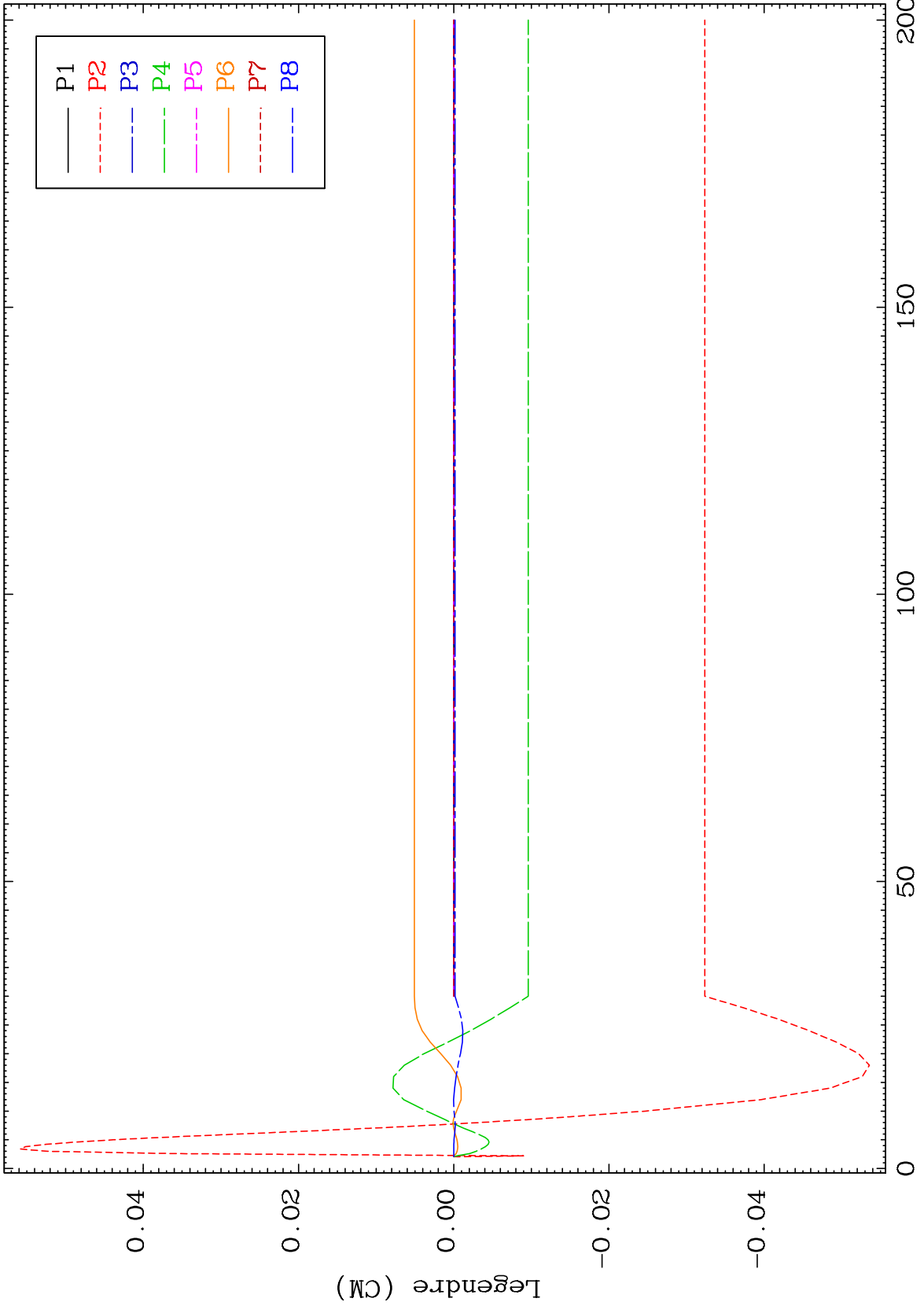


75

Incident Energy (MeV)

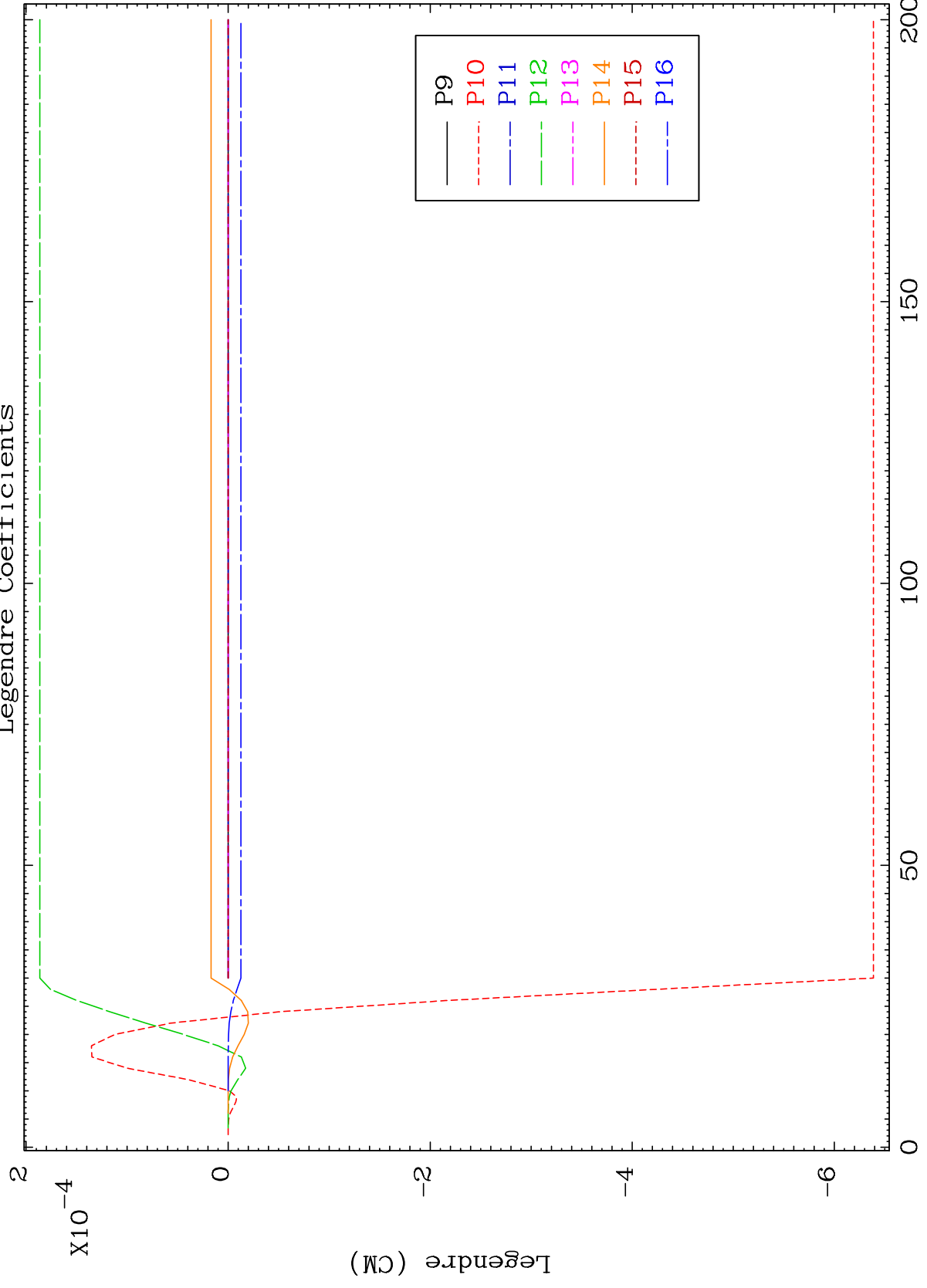
50-Sn-115

MAT 5034 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-115

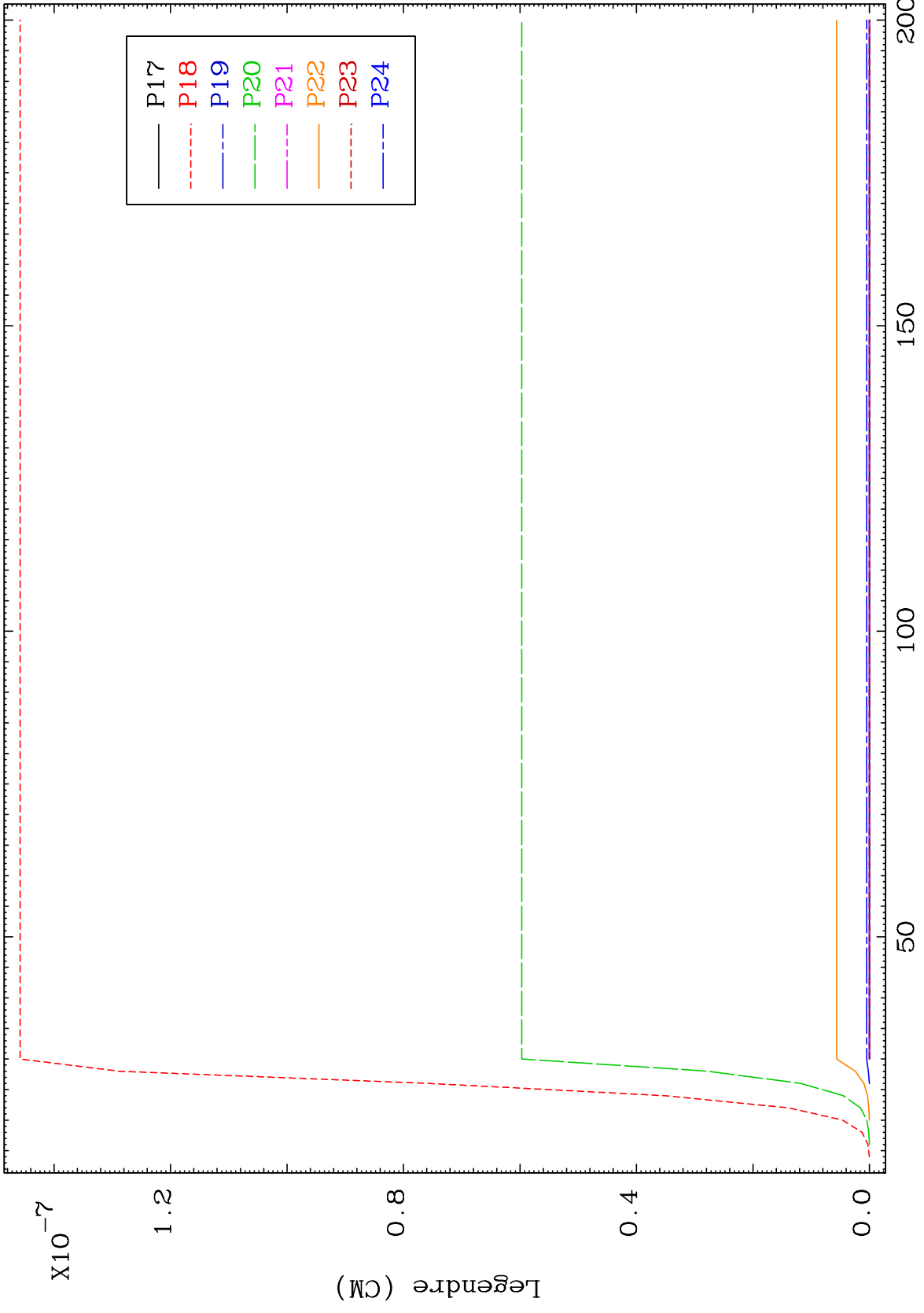


76 Incident Energy (MeV) 50-Sn-115

MAT 5034 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-115

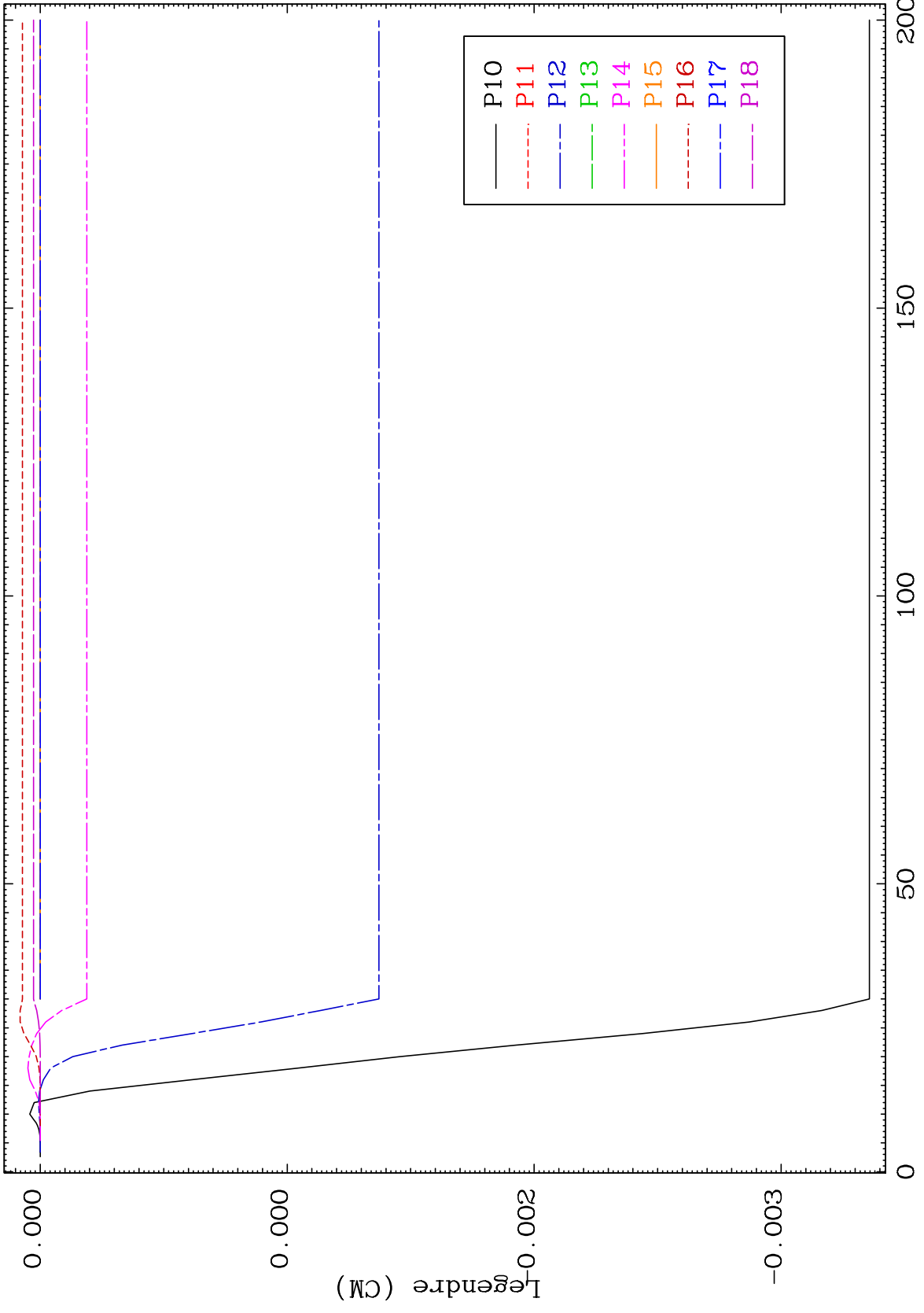


MAT 5034 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-115



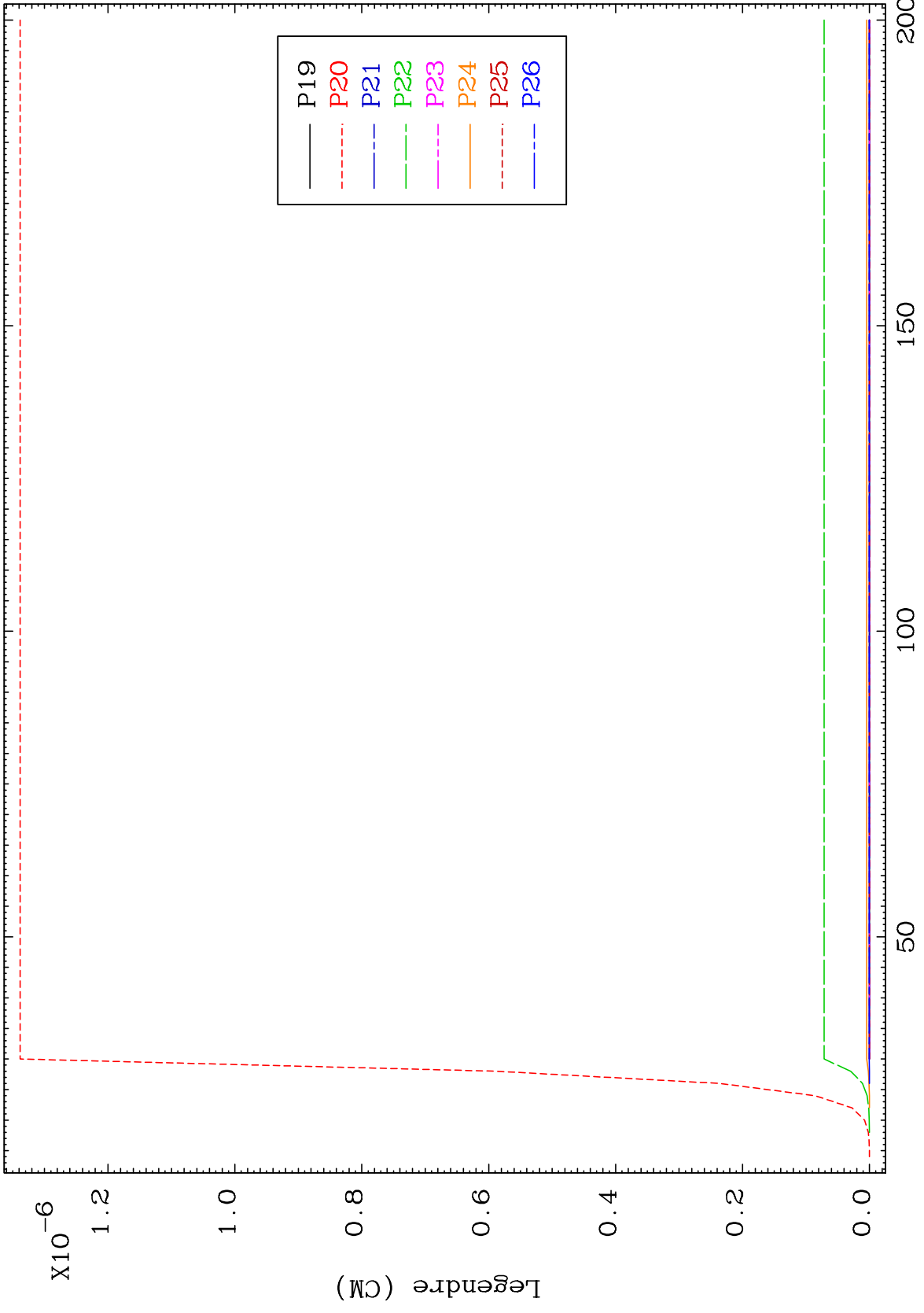
78 50-Sn-115

MAT 5034 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-115

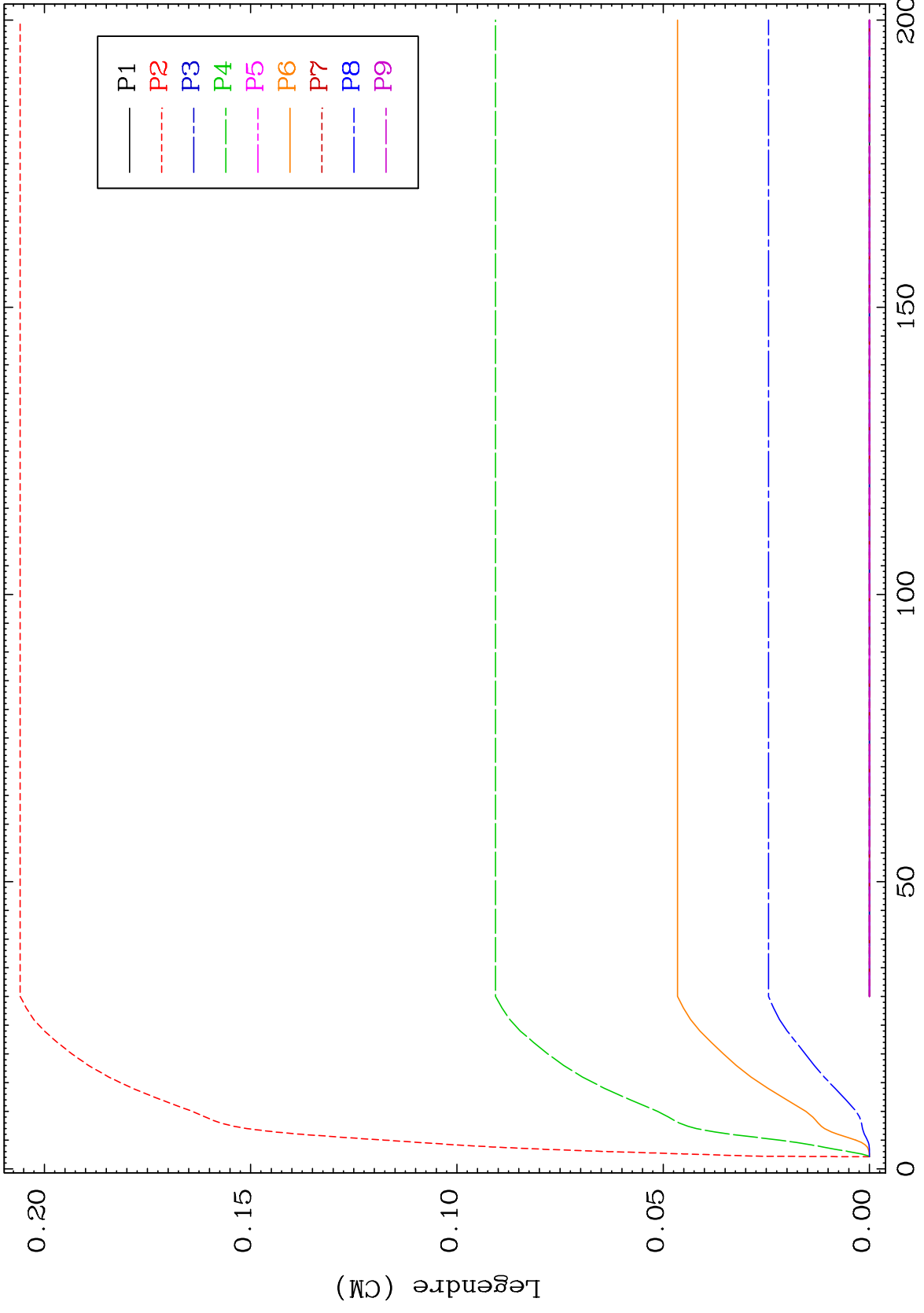


80 Incident Energy (MeV) 50-Sn-115

MAT 5034 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-115



MAT 5034 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-115



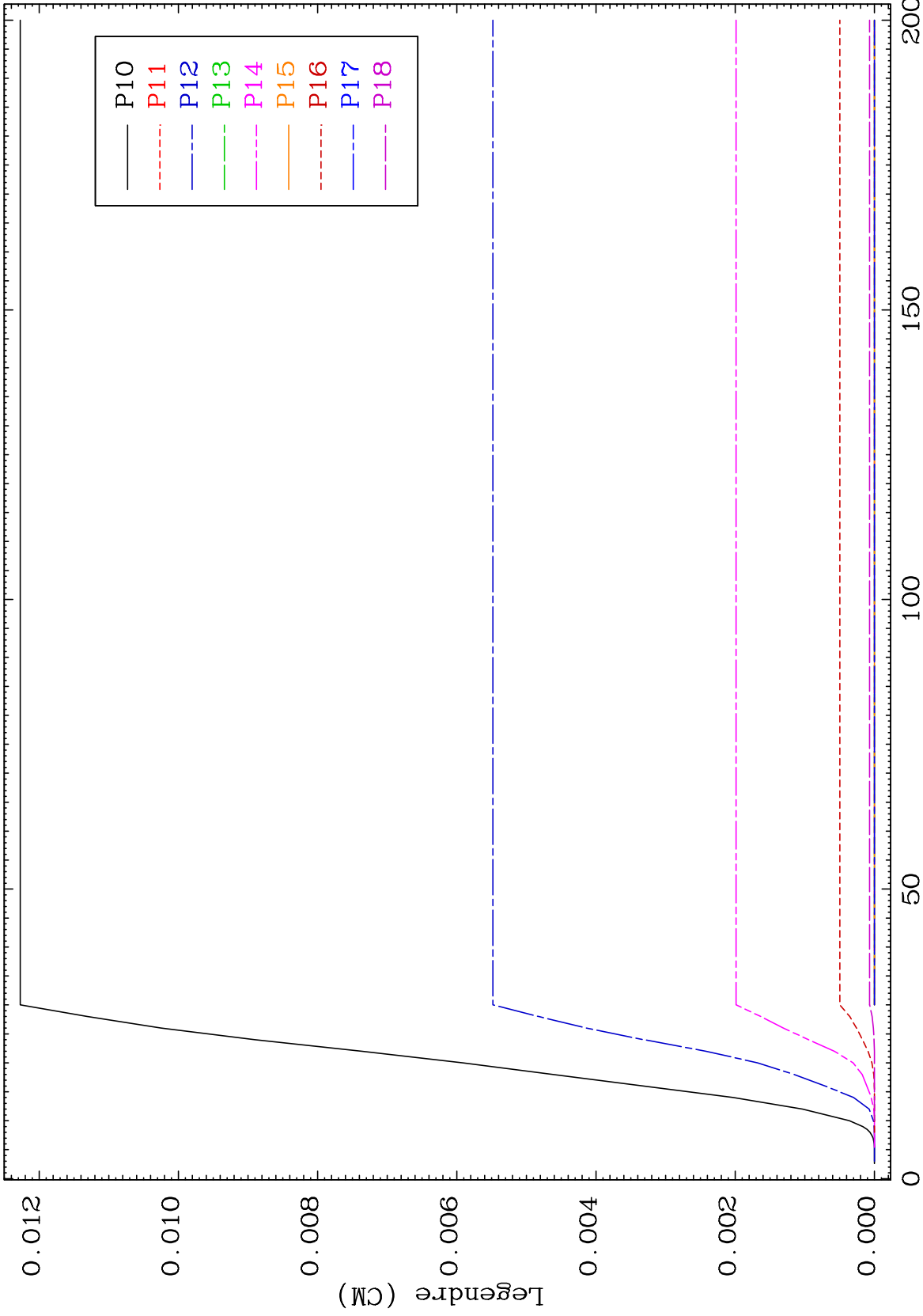
82

50-Sn-115

MAT 5034

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

50-Sn-115

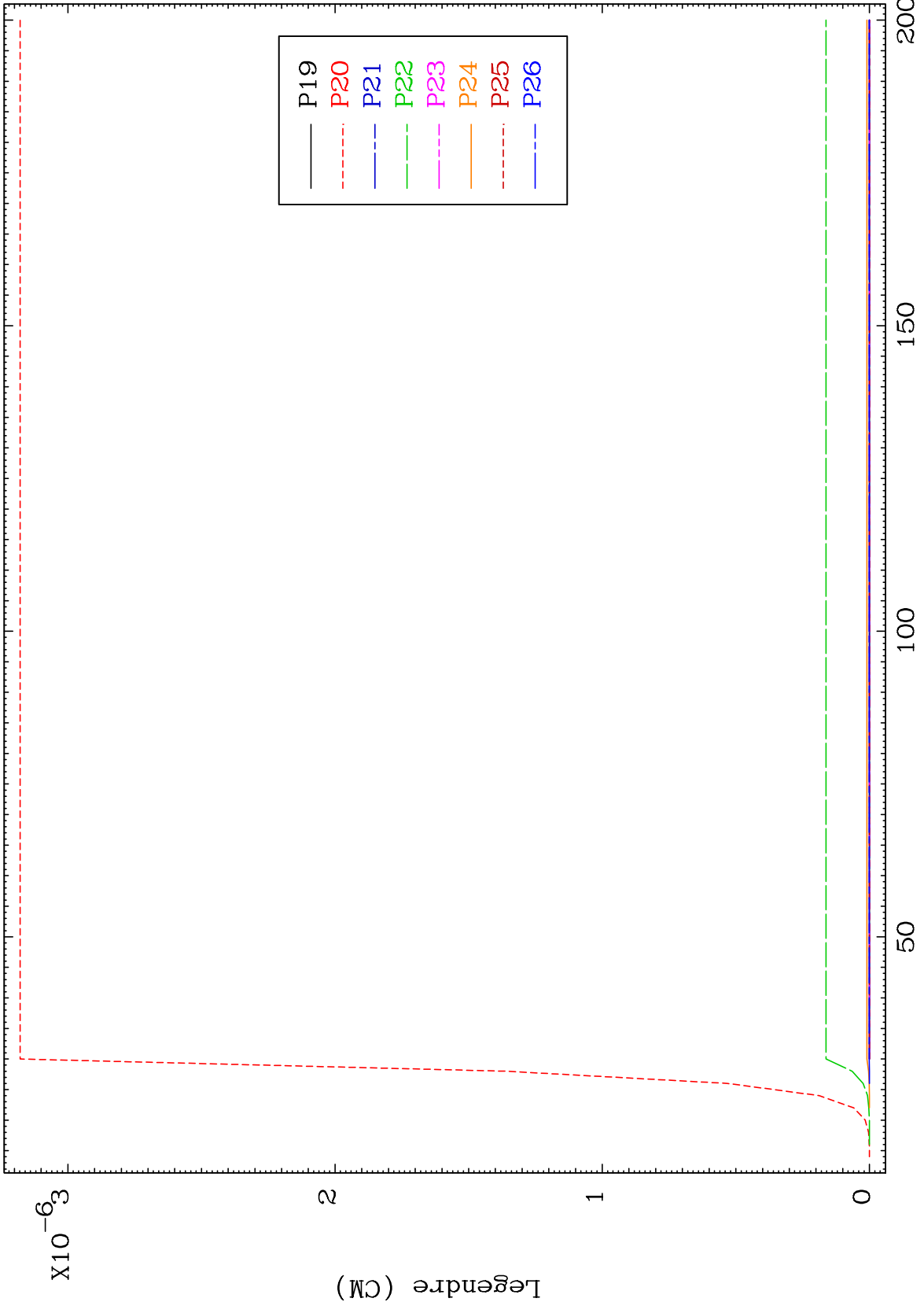


83

Incident Energy (MeV)

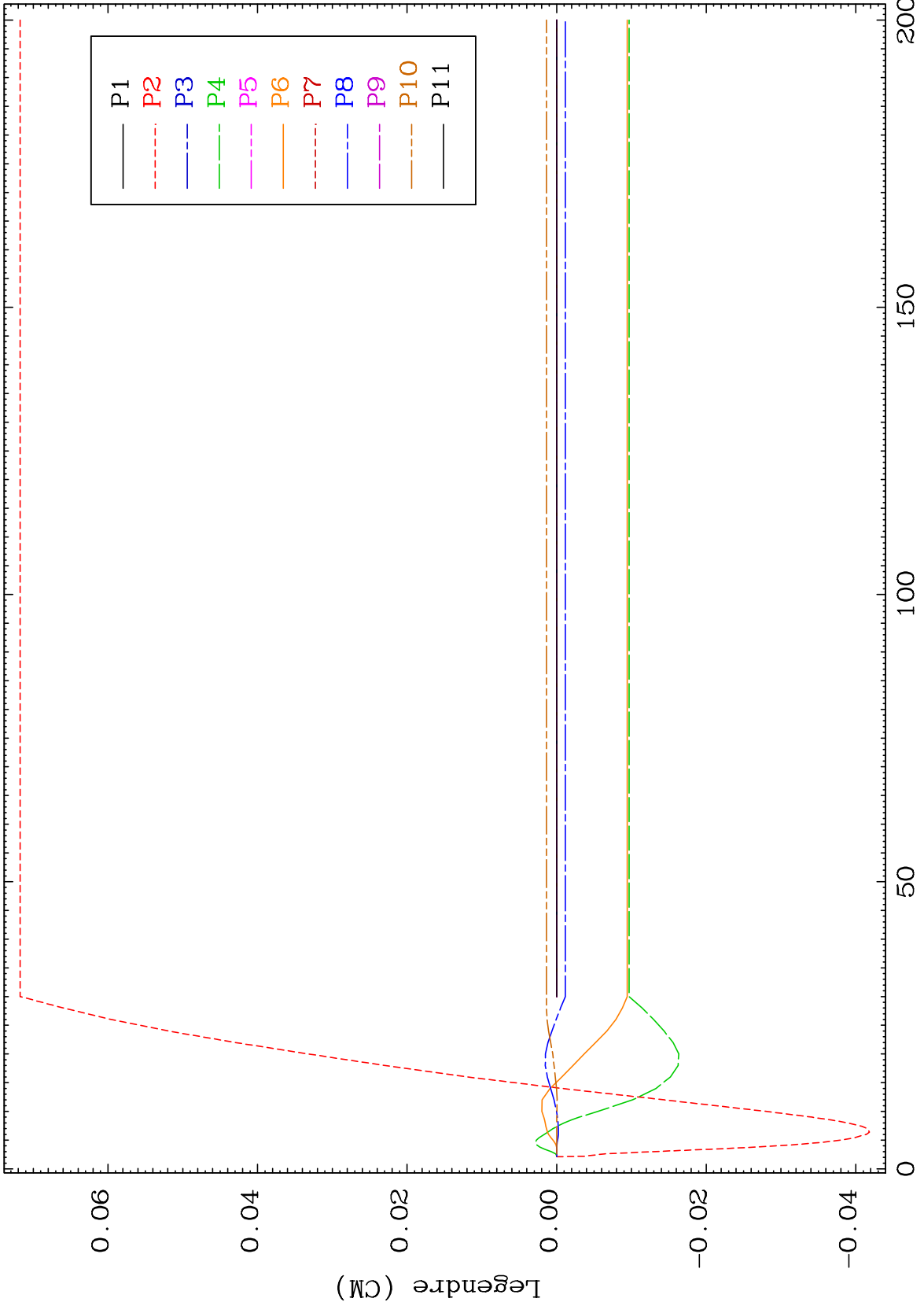
50-Sn-115

MAT 5034 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-115



84 Incident Energy (MeV) 50-Sn-115

MAT 5034 MT= 72 (n,n') Level Legendre Coefficients 50-Sn-115

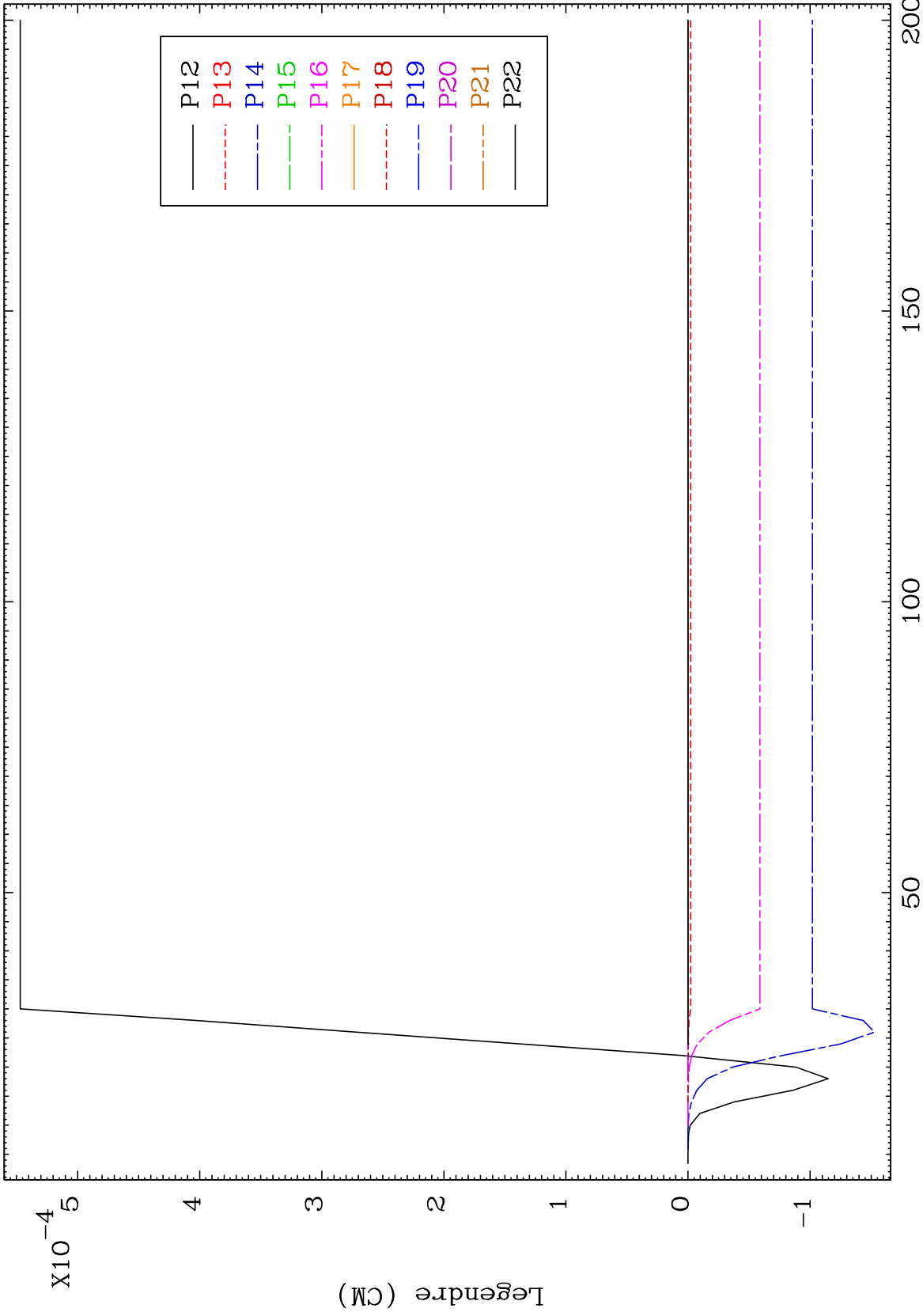


85 Incident Energy (MeV) 200 50-Sn-115

MAT 5034

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

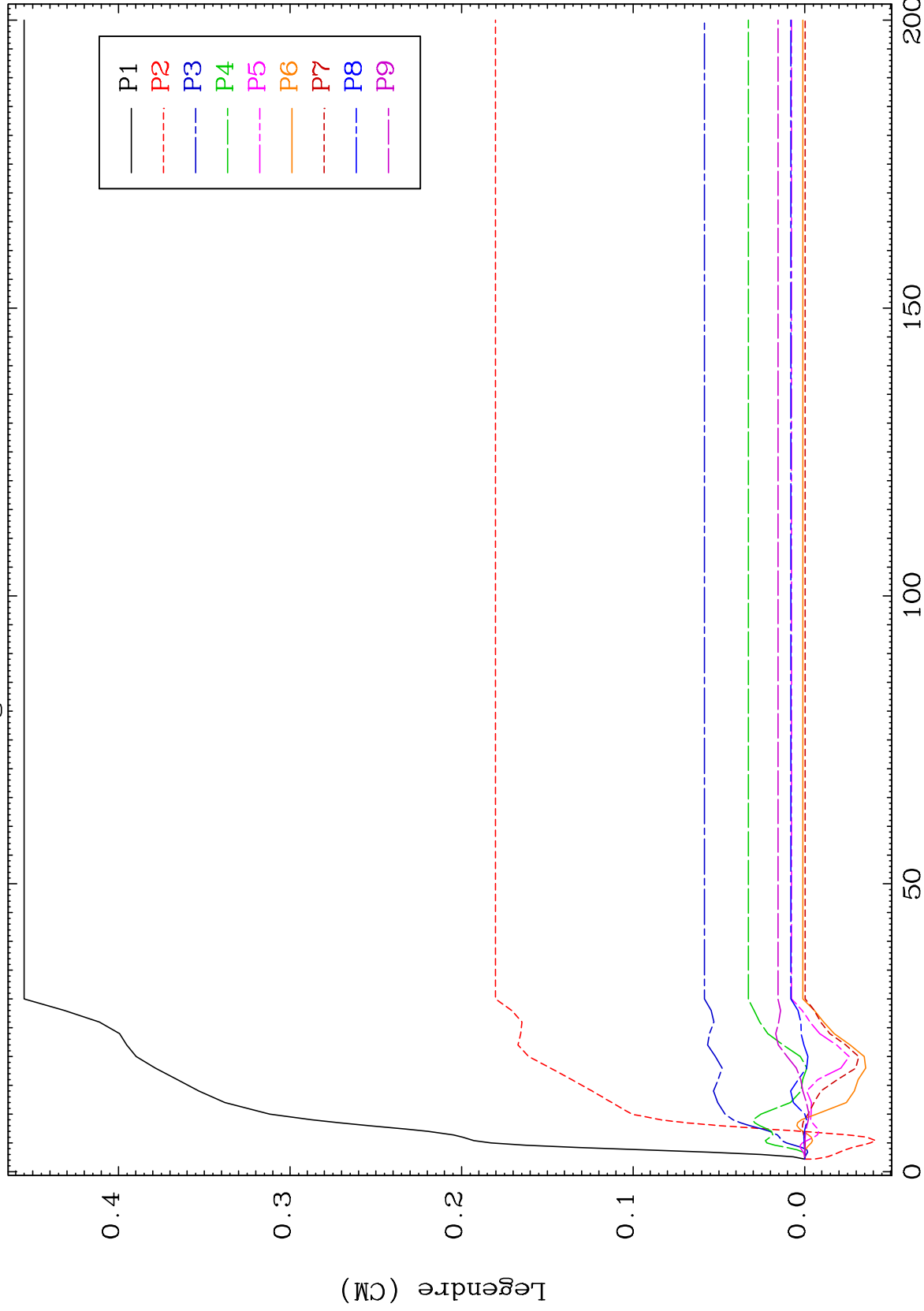
50-Sn-115



MAT 5034

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

50-Sn-115



87

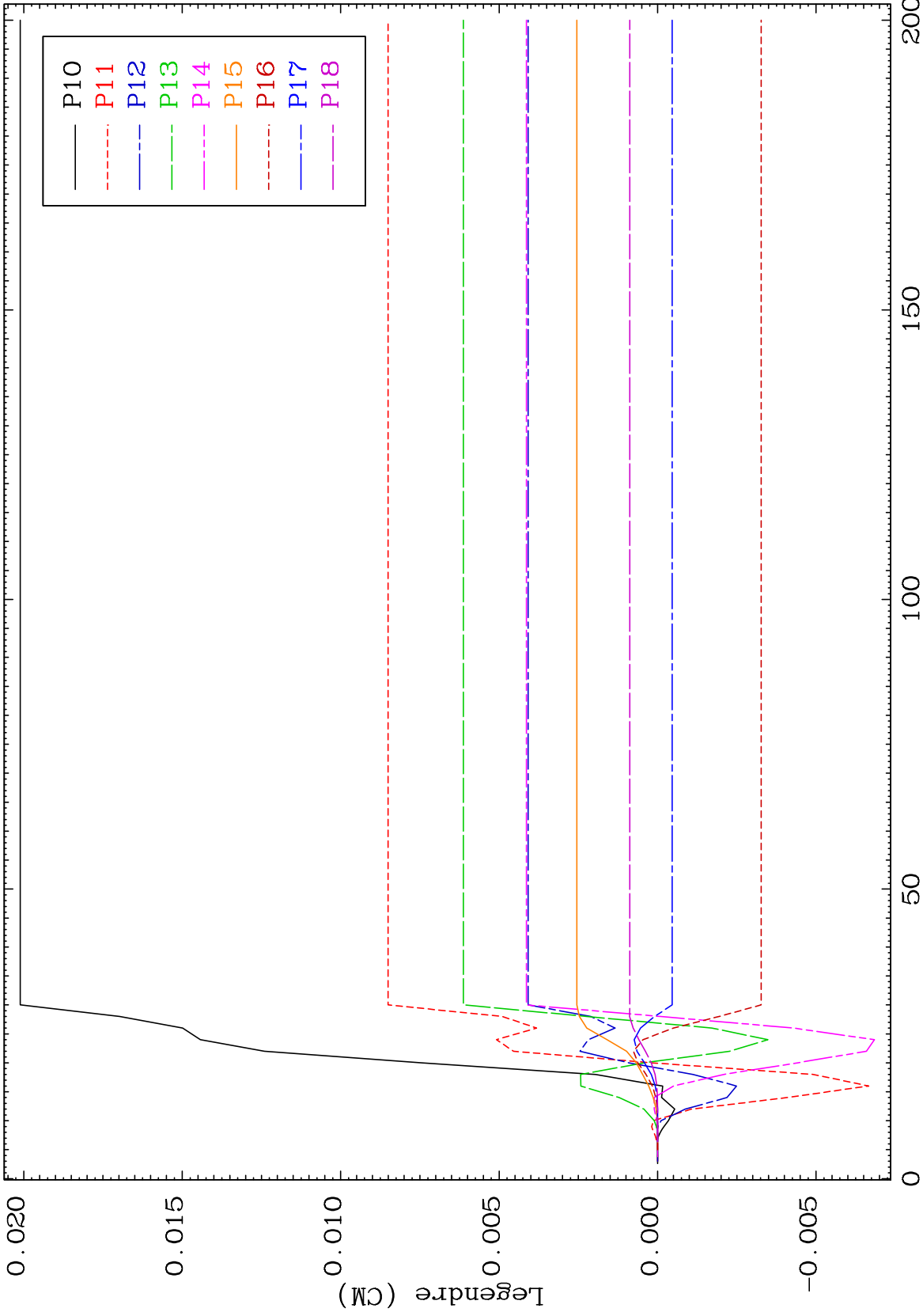
Incident Energy (MeV)

50-Sn-115

MAT 5034

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

50-Sn-115



88

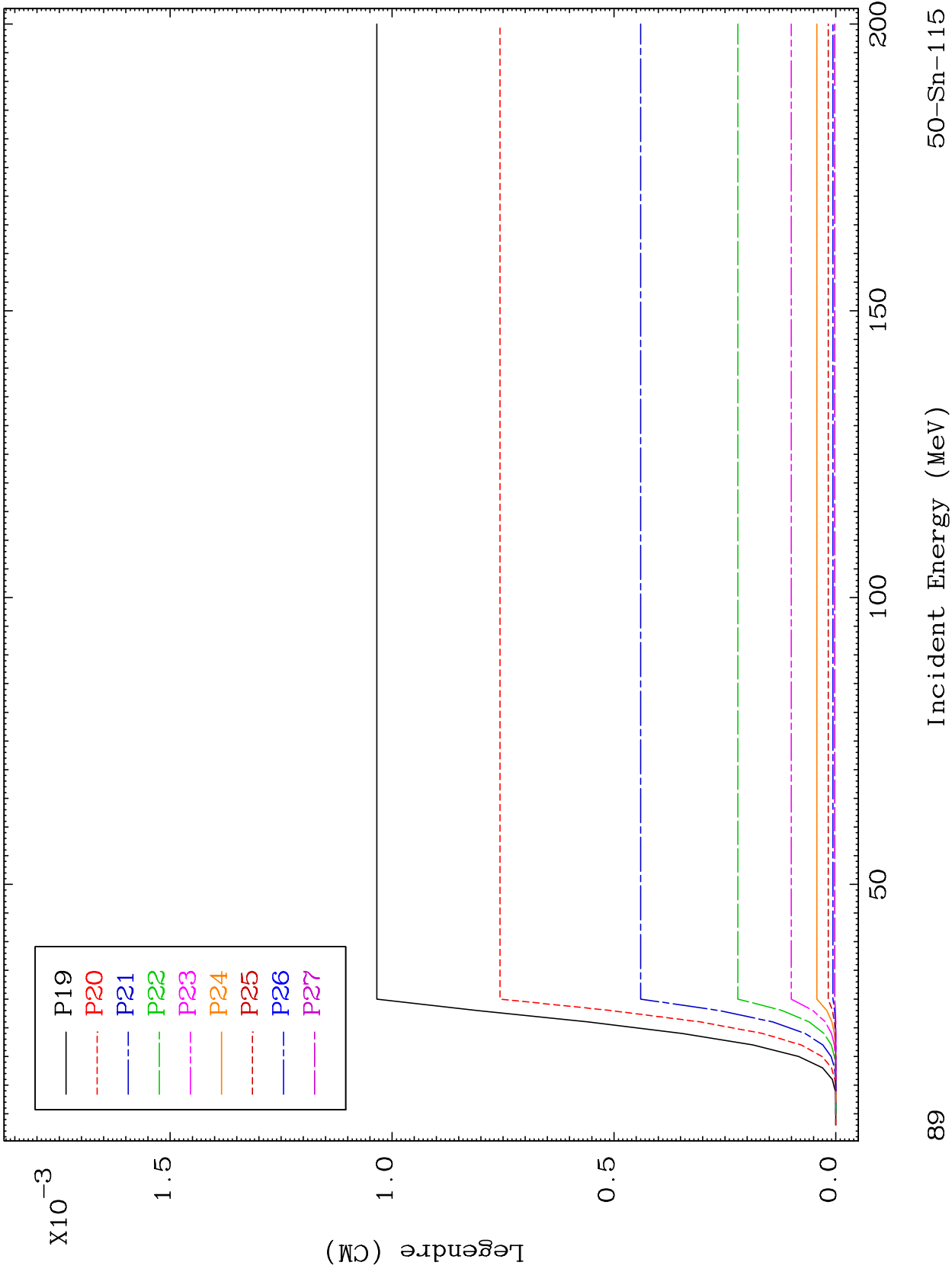
Incident Energy (MeV)

50-Sn-115

MAT 5034

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

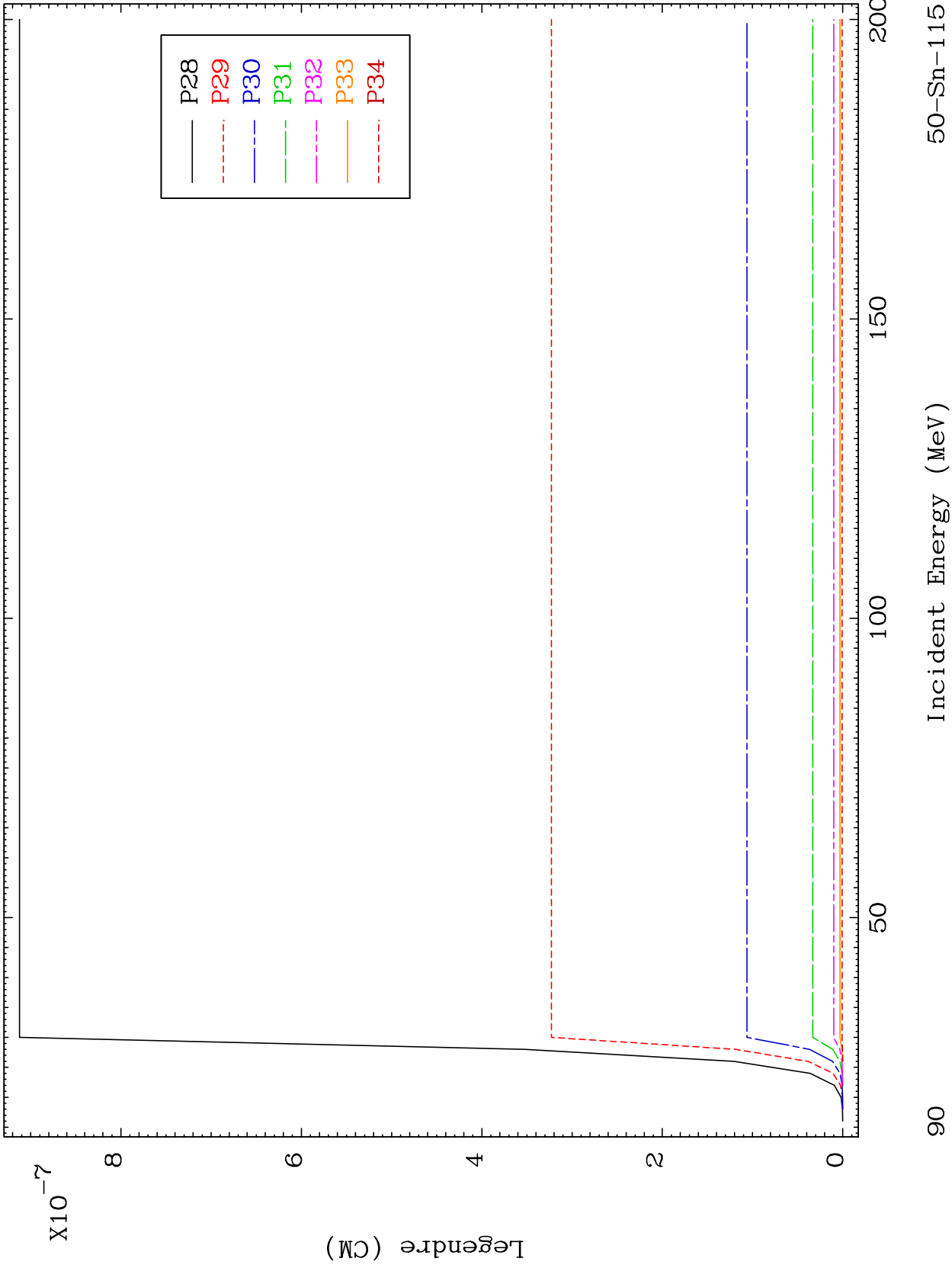
50-Sn-115



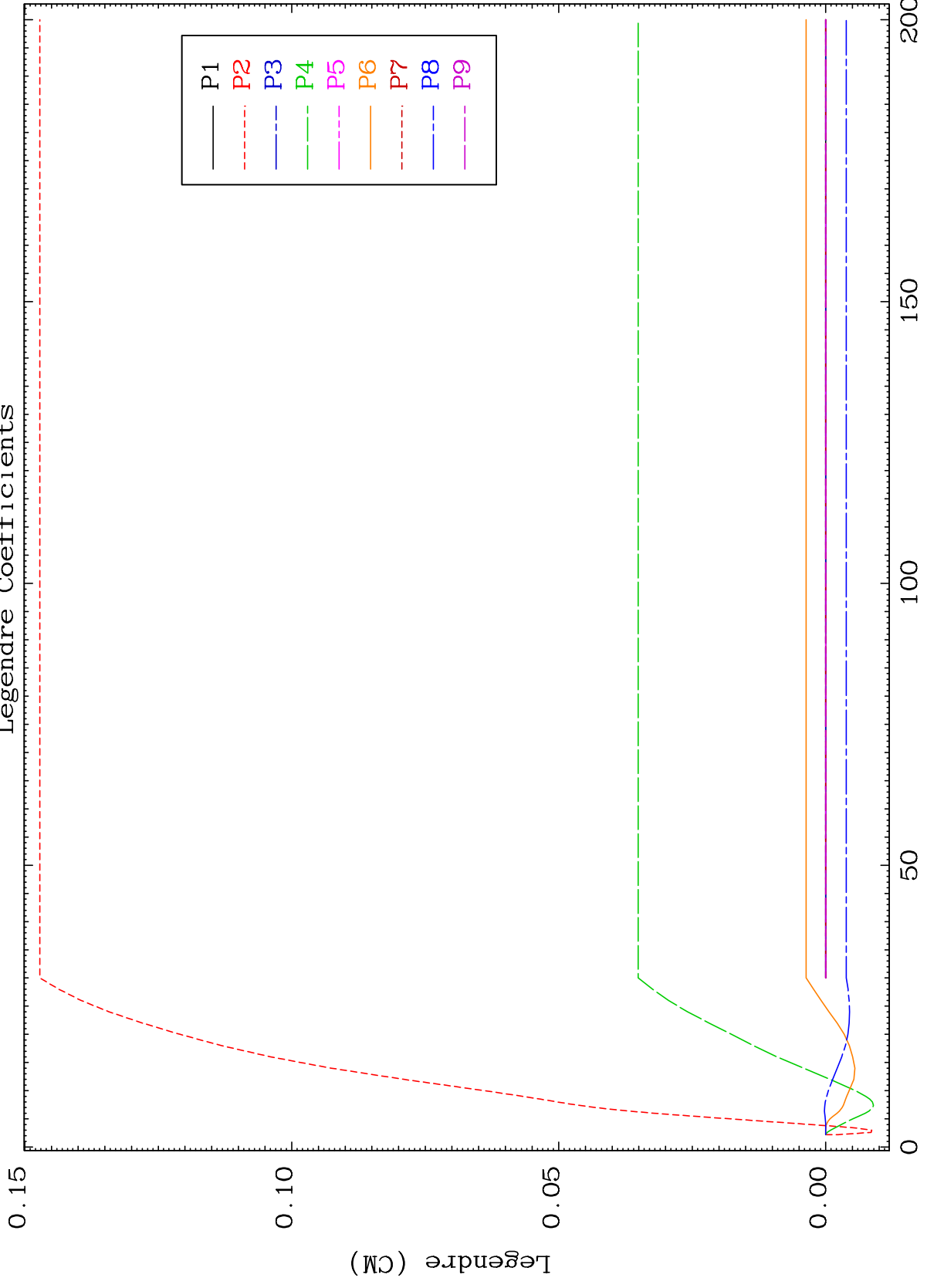
MAT 5034

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

50-Sn-115



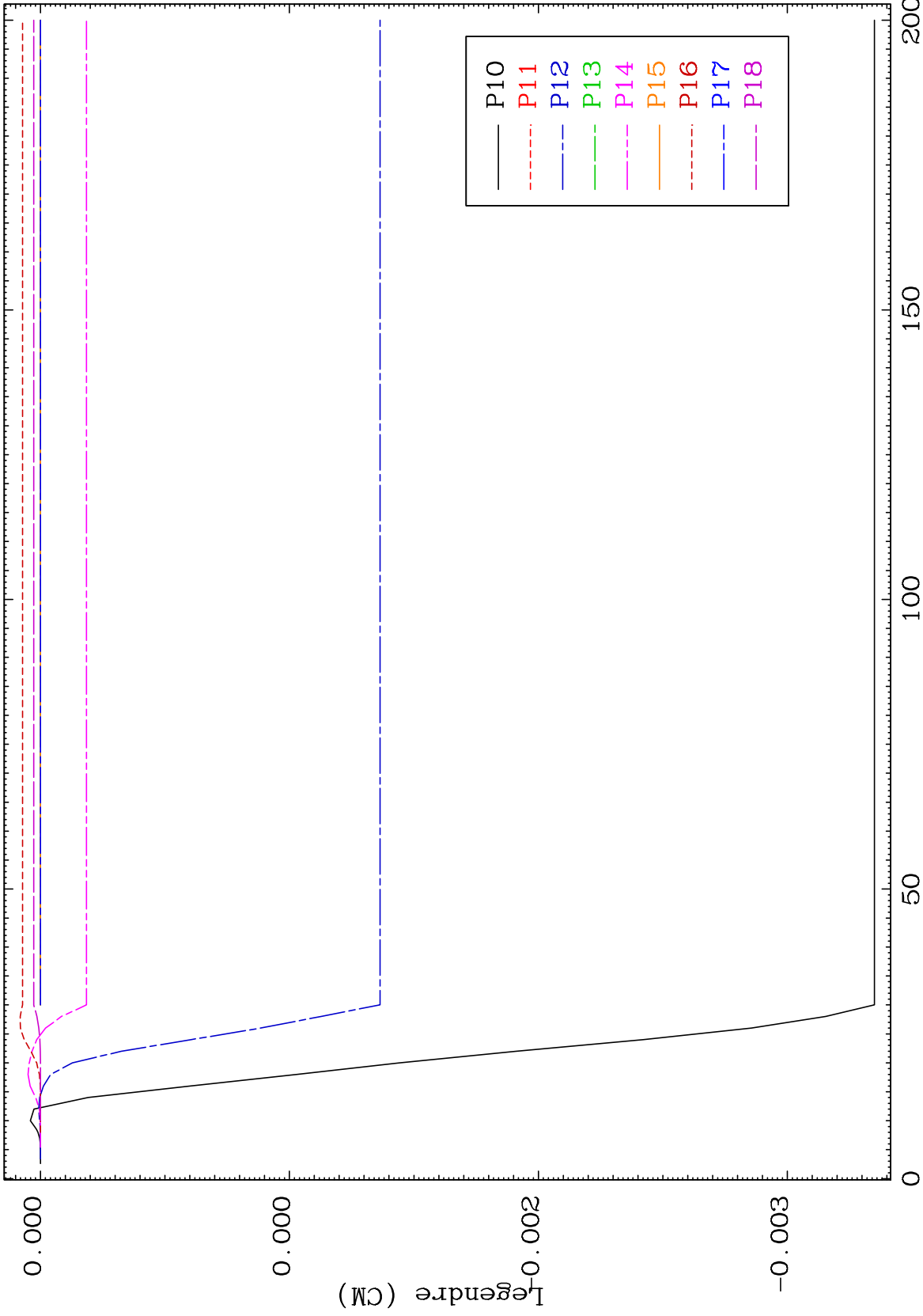
MAT 5034 MT= 74 (n,n') Level Legendre Coefficients 50-Sn-115



MAT 5034

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

50-Sn-115

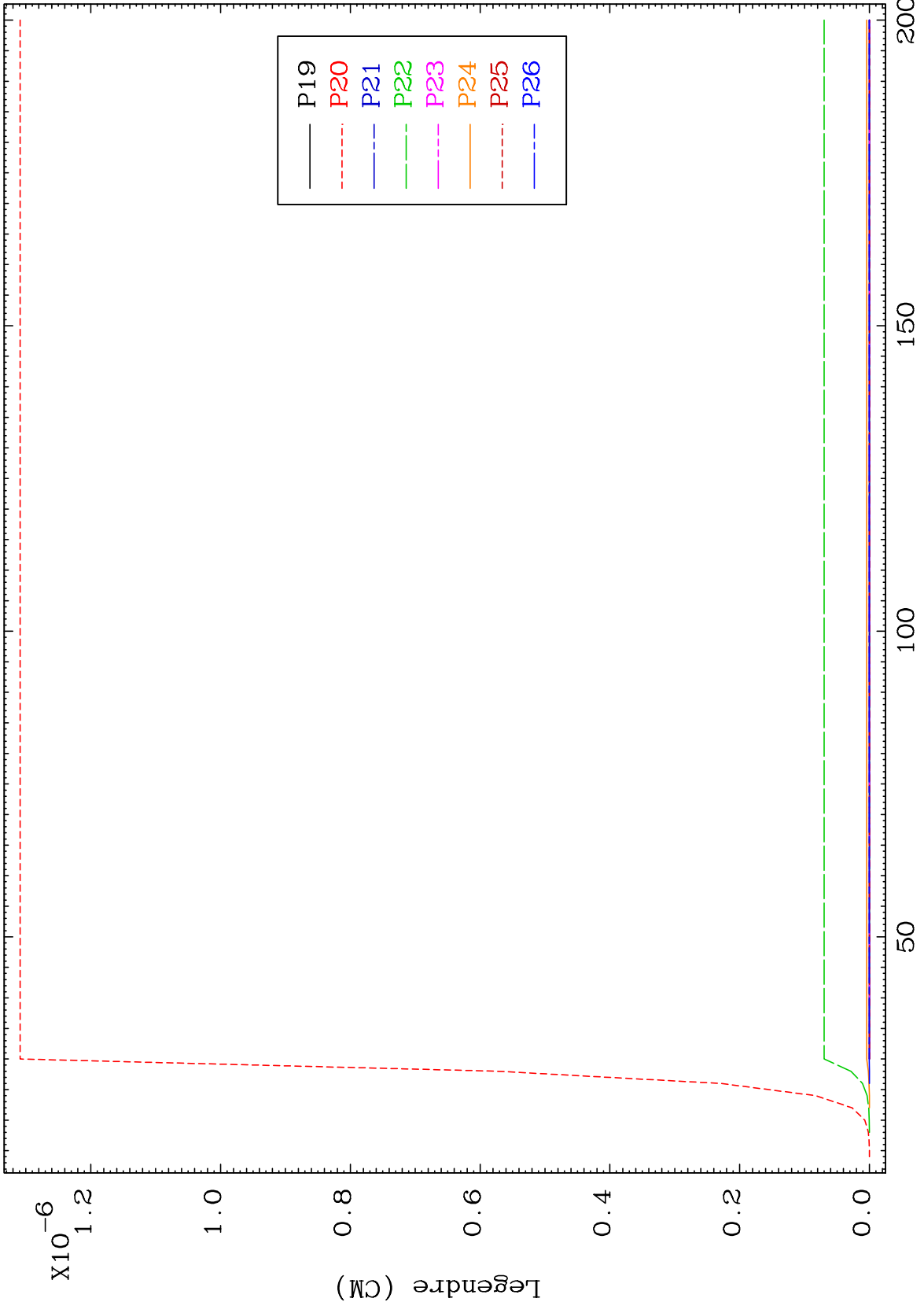


92

Incident Energy (MeV)

50-Sn-115

MAT 5034 MT= 74 (n,n') Level Legendre Coefficients 50-Sn-115

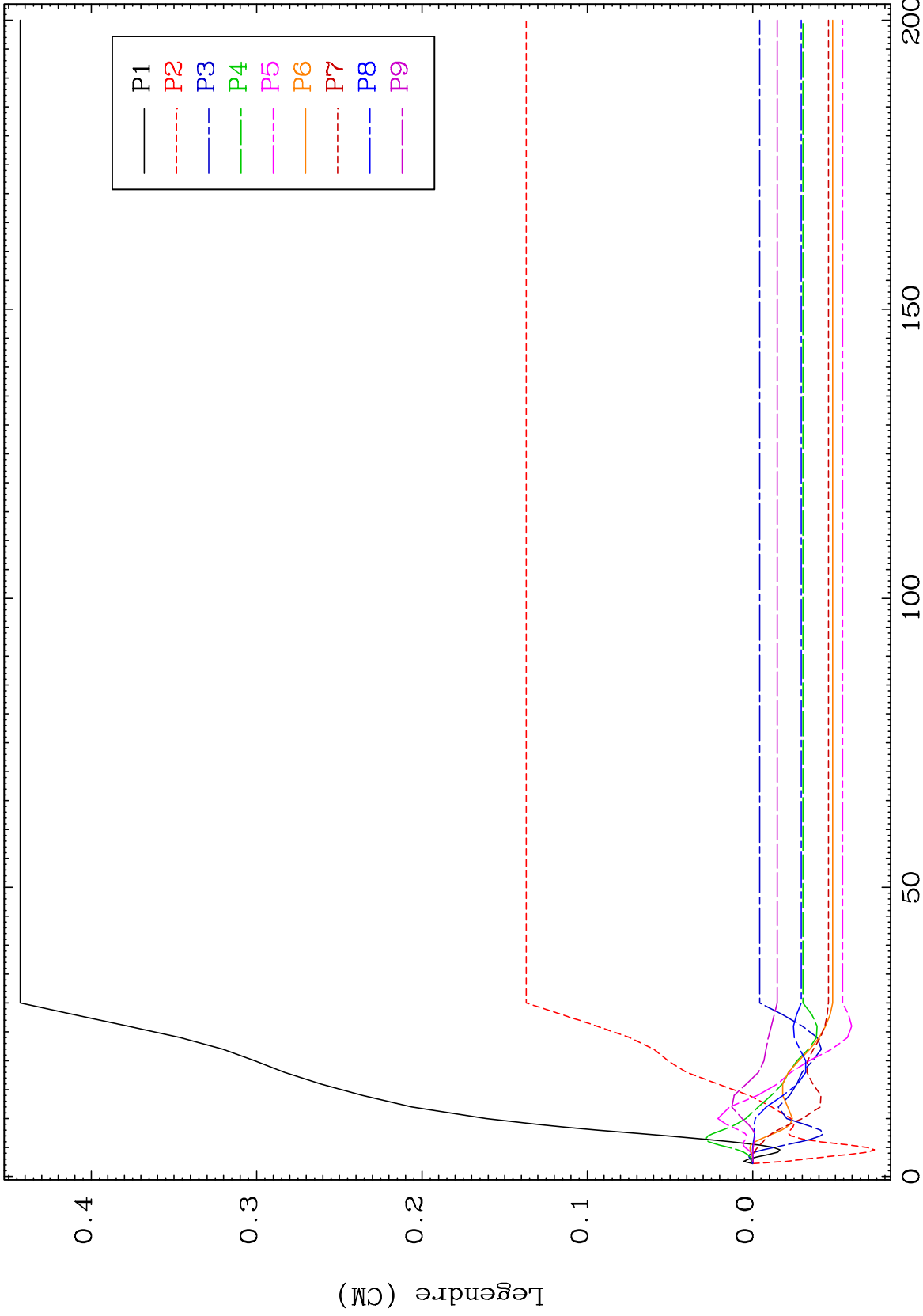


93 50-Sn-115

MAT 5034

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

50-Sn-115



94

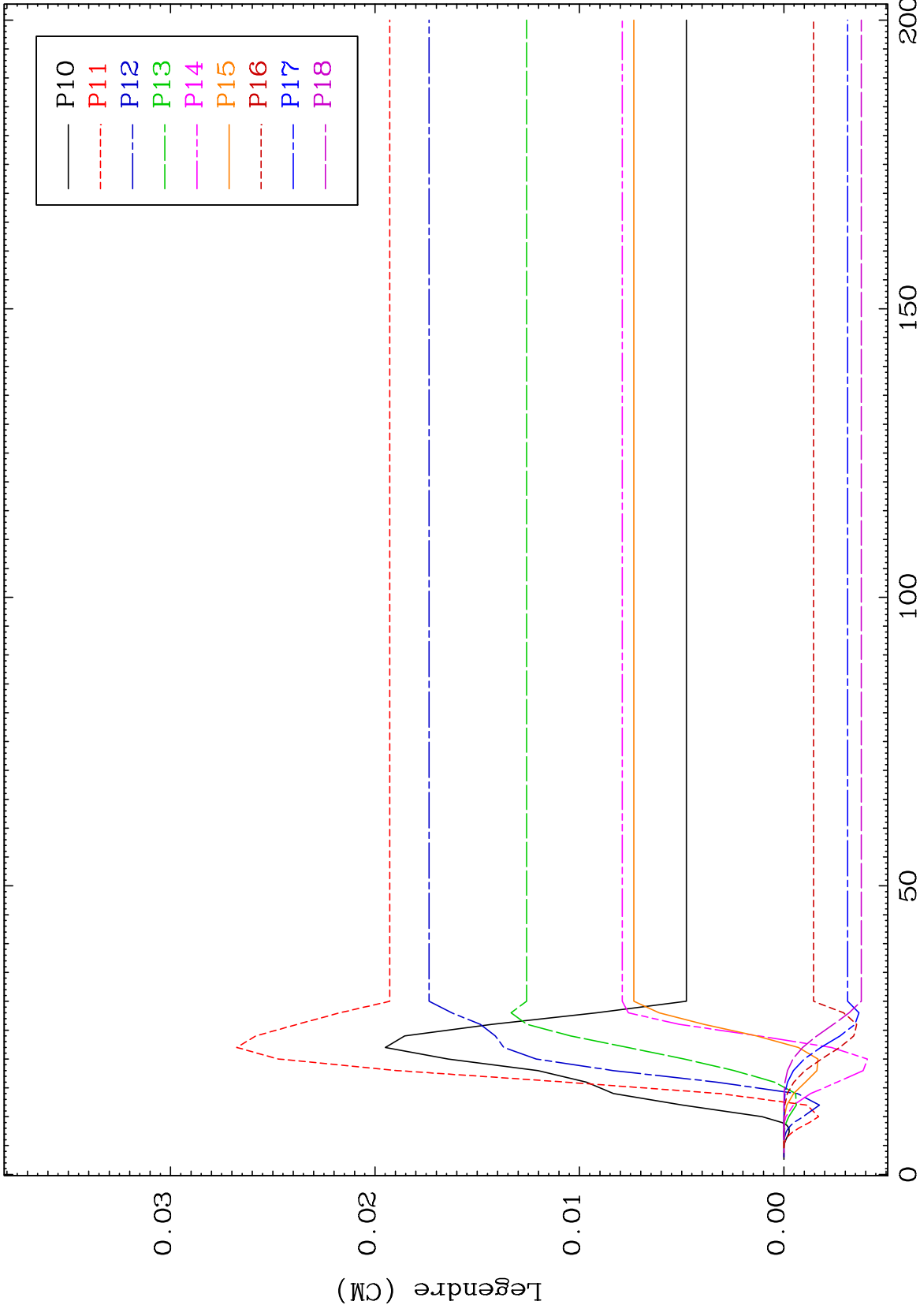
Incident Energy (MeV)

50-Sn-115

MAT 5034

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

50-Sn-115



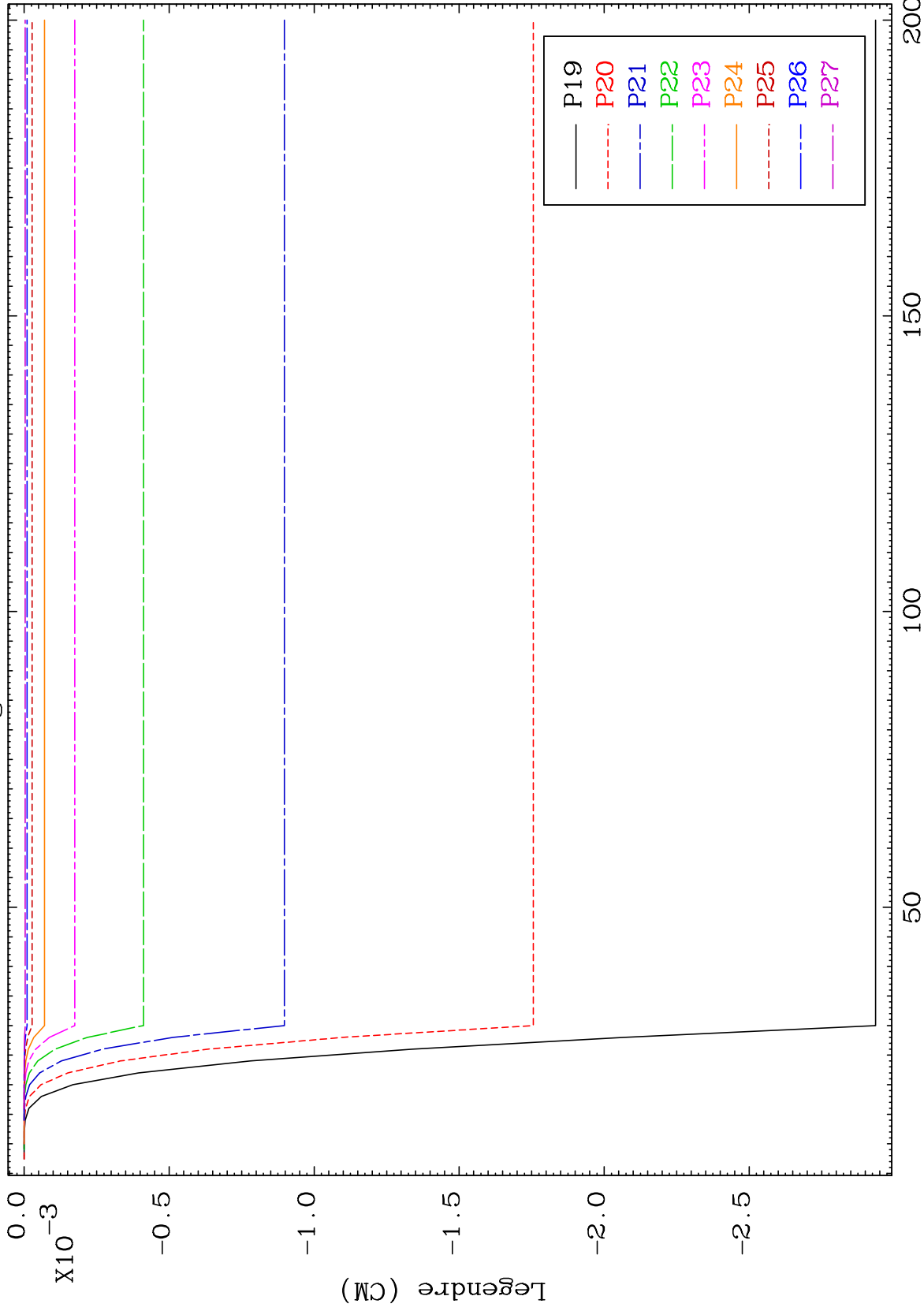
95

Incident Energy (MeV)

50-Sn-115

MAT 5034 MT= 75 (n,n') Level 50-Sn-115

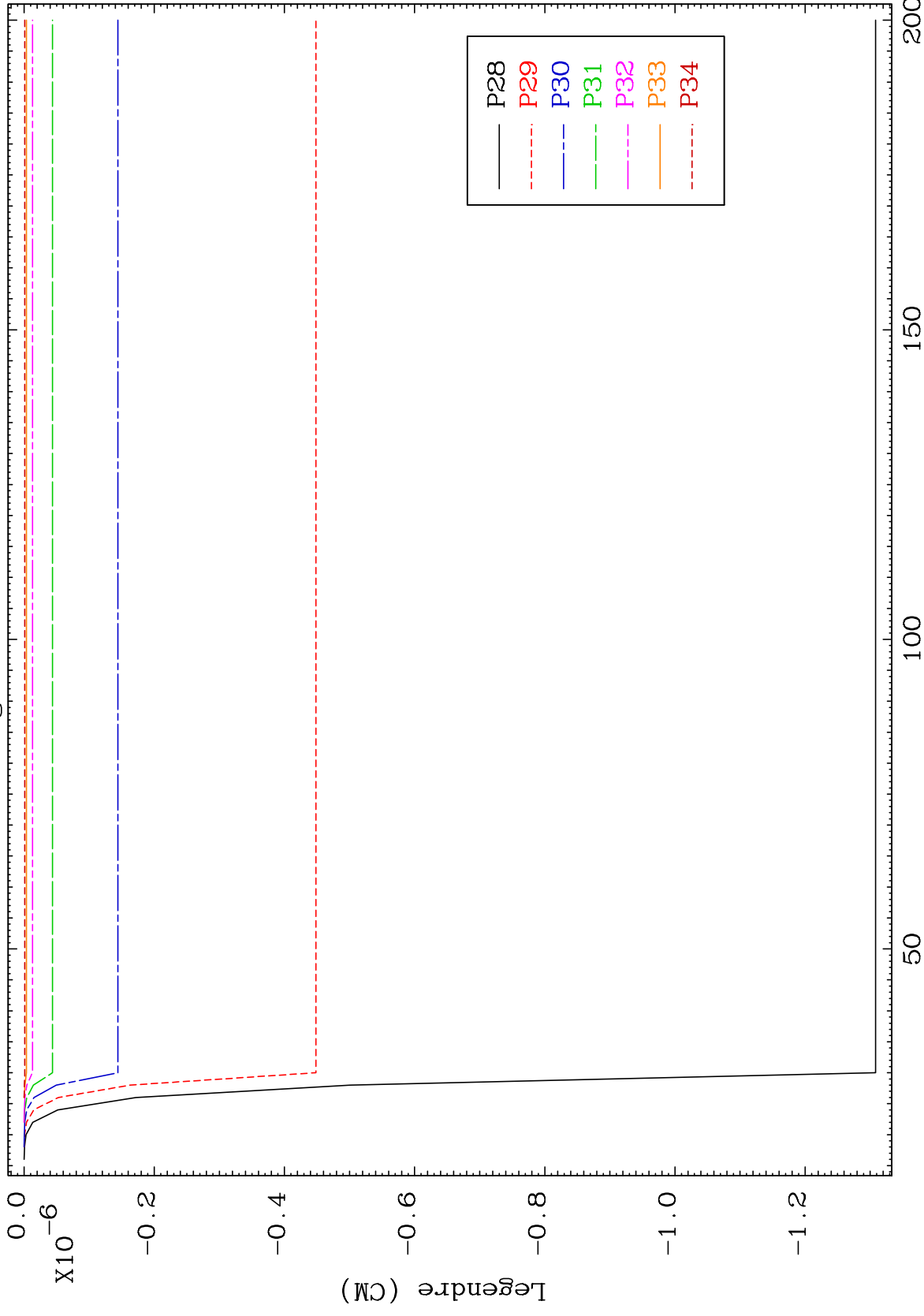
Legendre Coefficients



MAT 5034

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

50-Sn-115

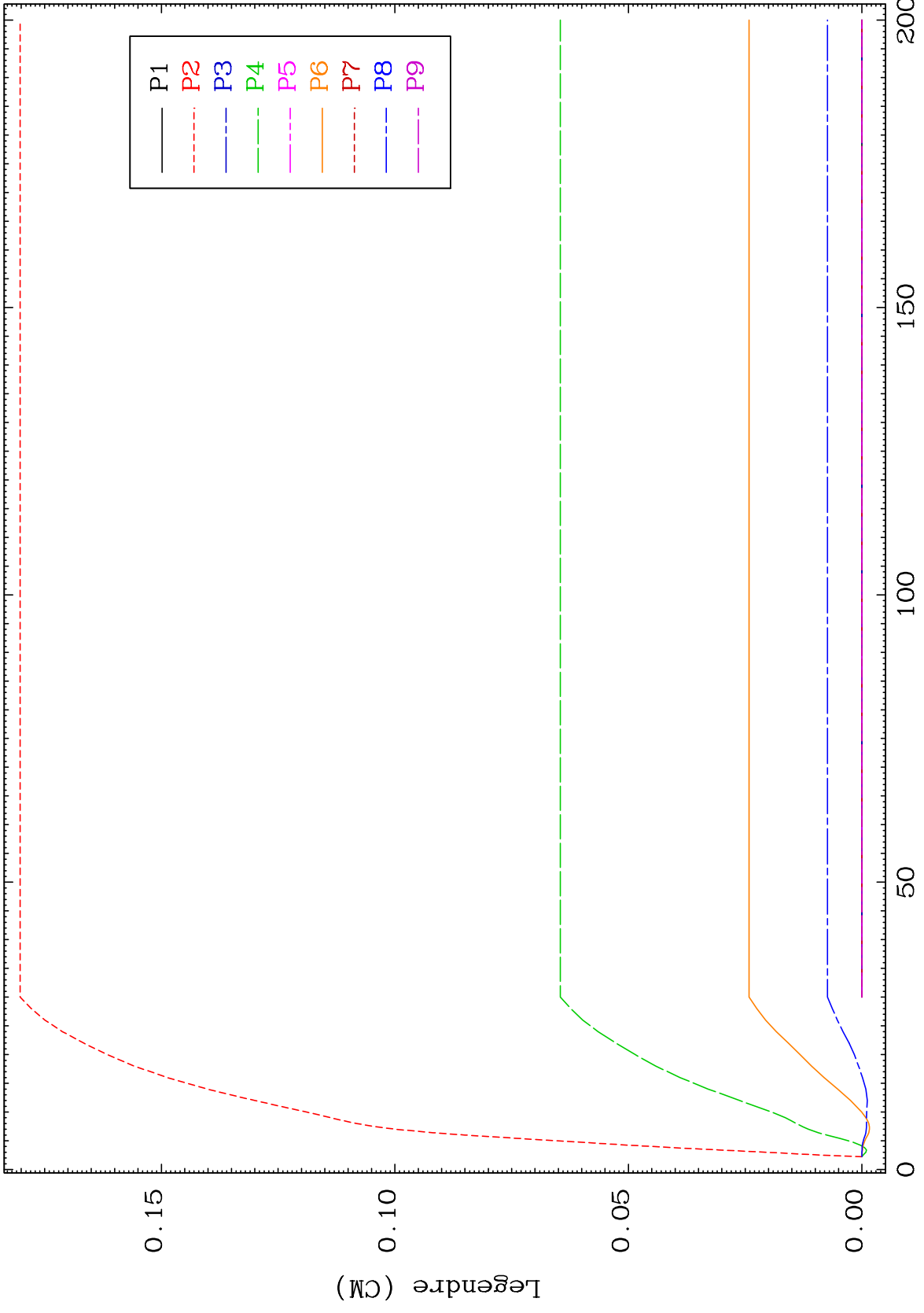


50-Sn-115

Incident Energy (MeV)

97

MAT 5034 MT= 76 (n,n') Level Legendre Coefficients 50-Sn-115

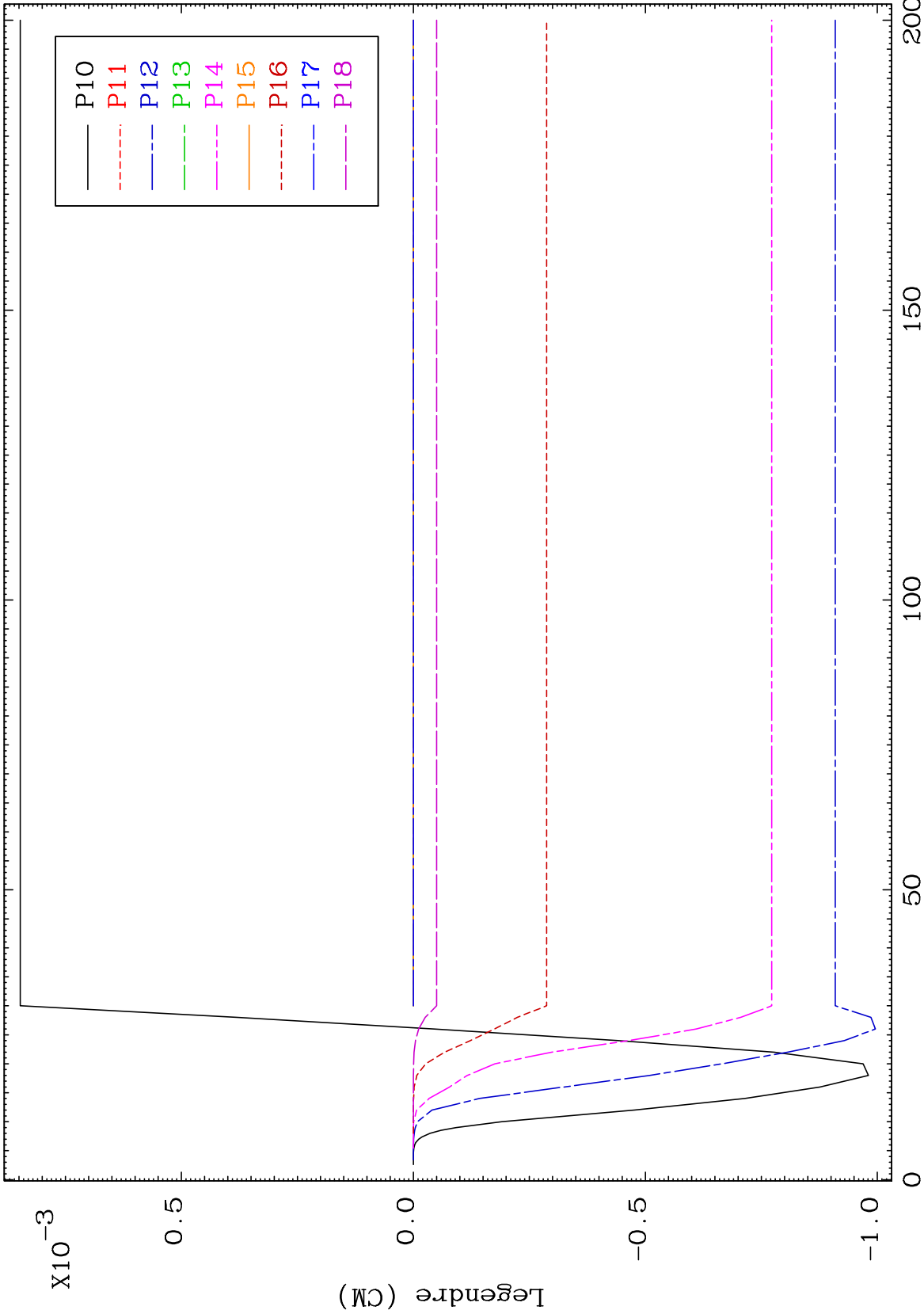


98 50-Sn-115

MAT 5034

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

50-Sn-115



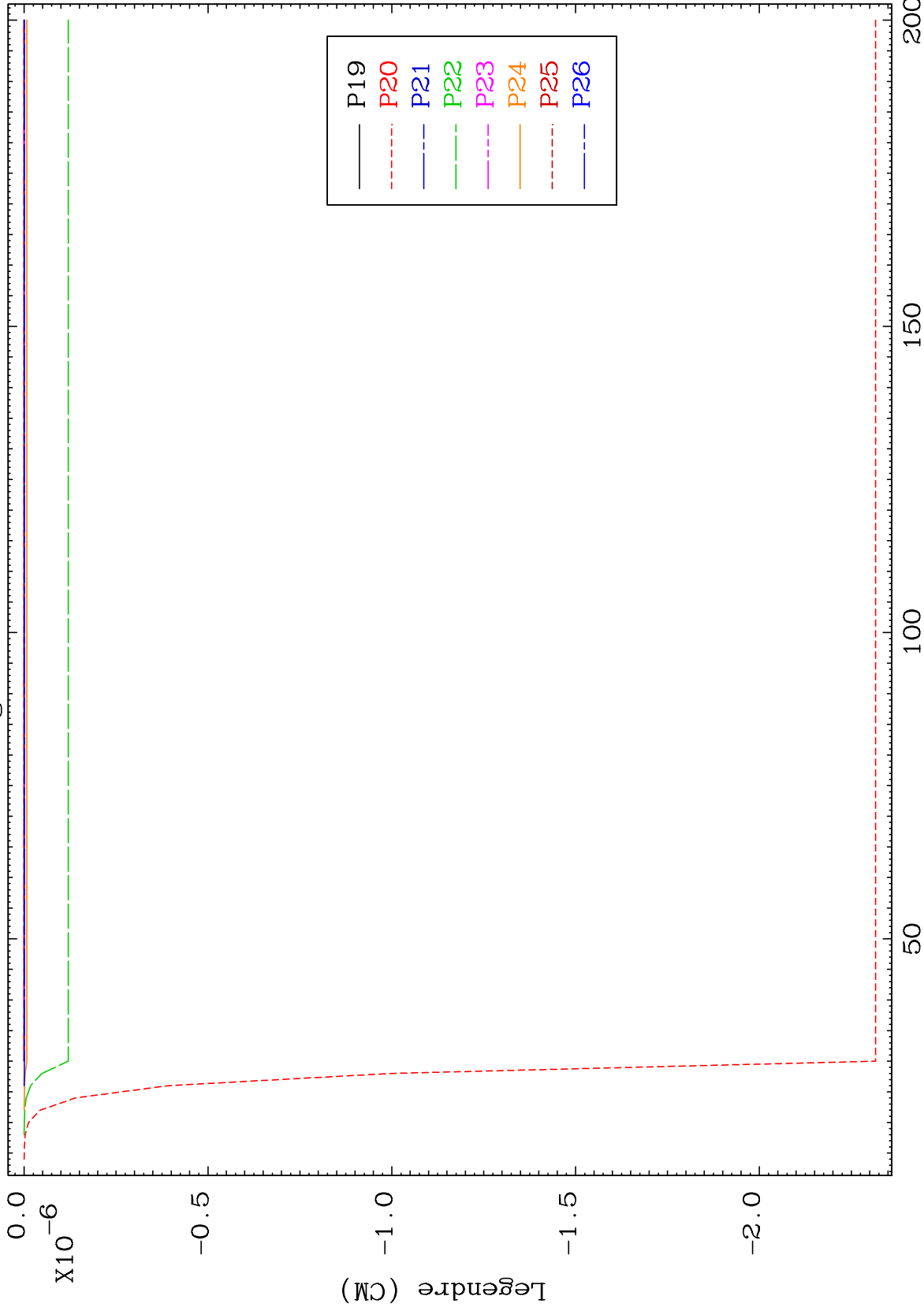
99

50-Sn-115

MAT 5034 MT= 76 (n,n') Level

50-Sn-115

Legendre Coefficients



50-Sn-115

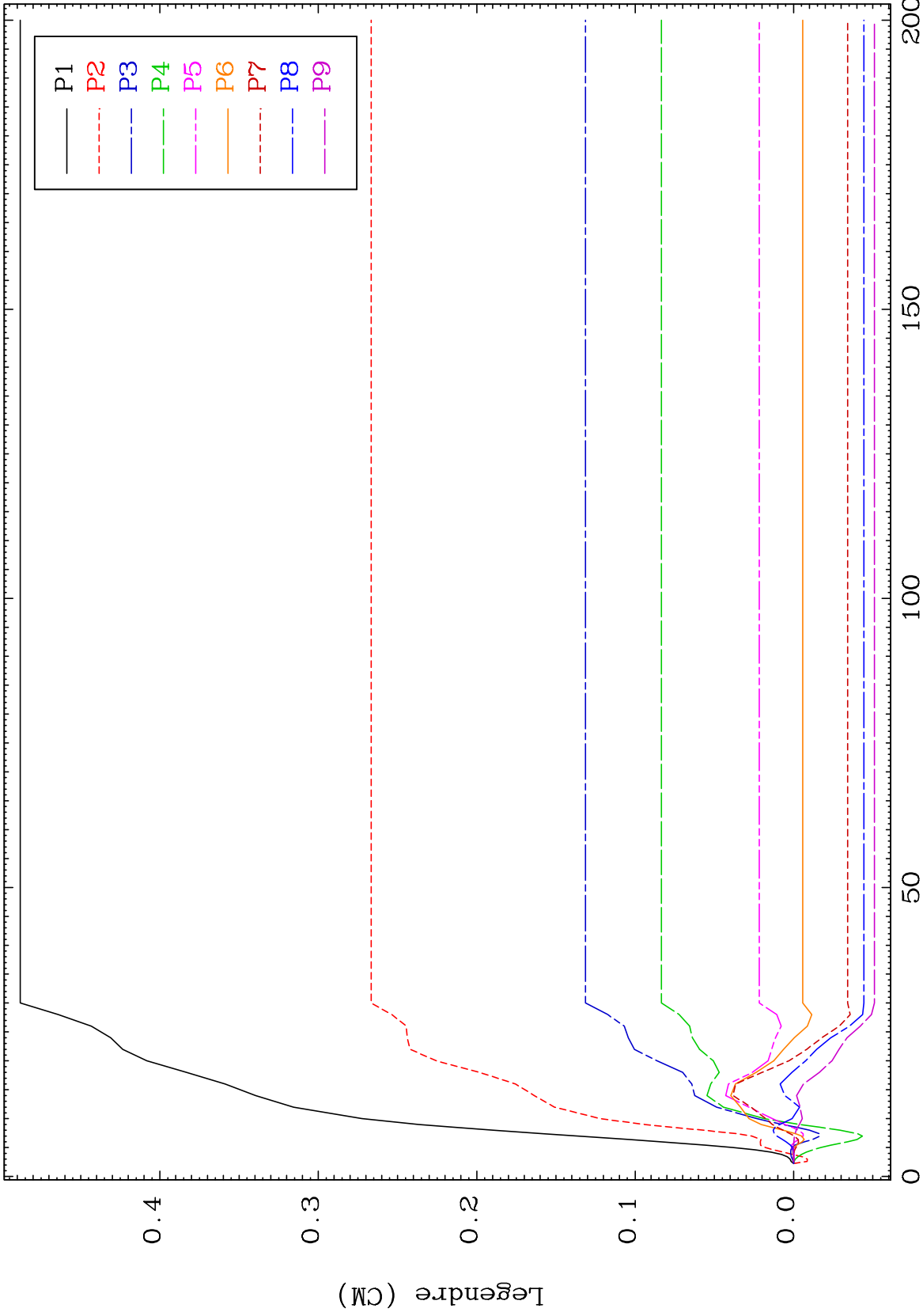
Incident Energy (MeV)

100

MAT 5034

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

50-Sn-115



101

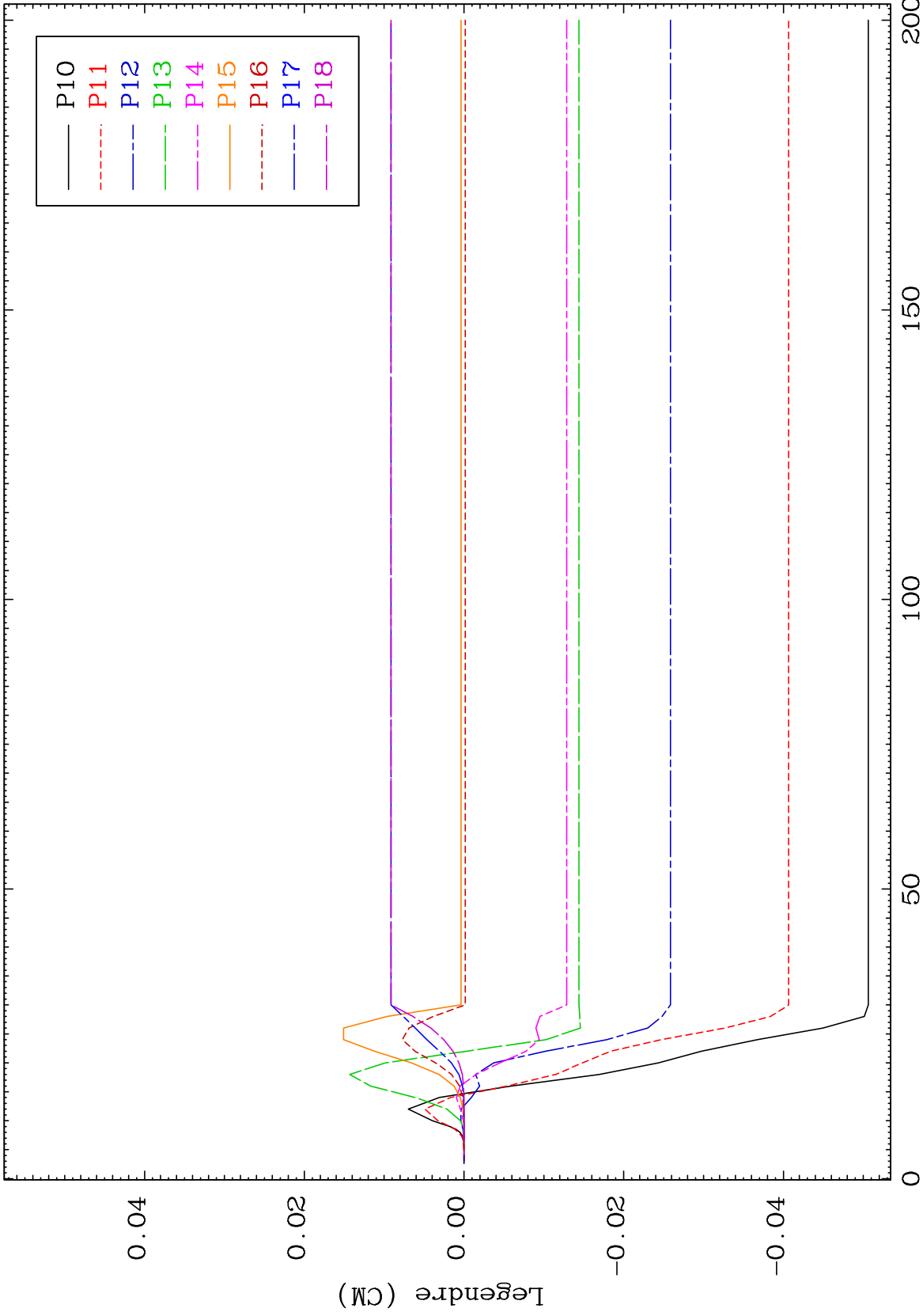
Incident Energy (MeV)

50-Sn-115

MAT 5034

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

50-Sn-115



102

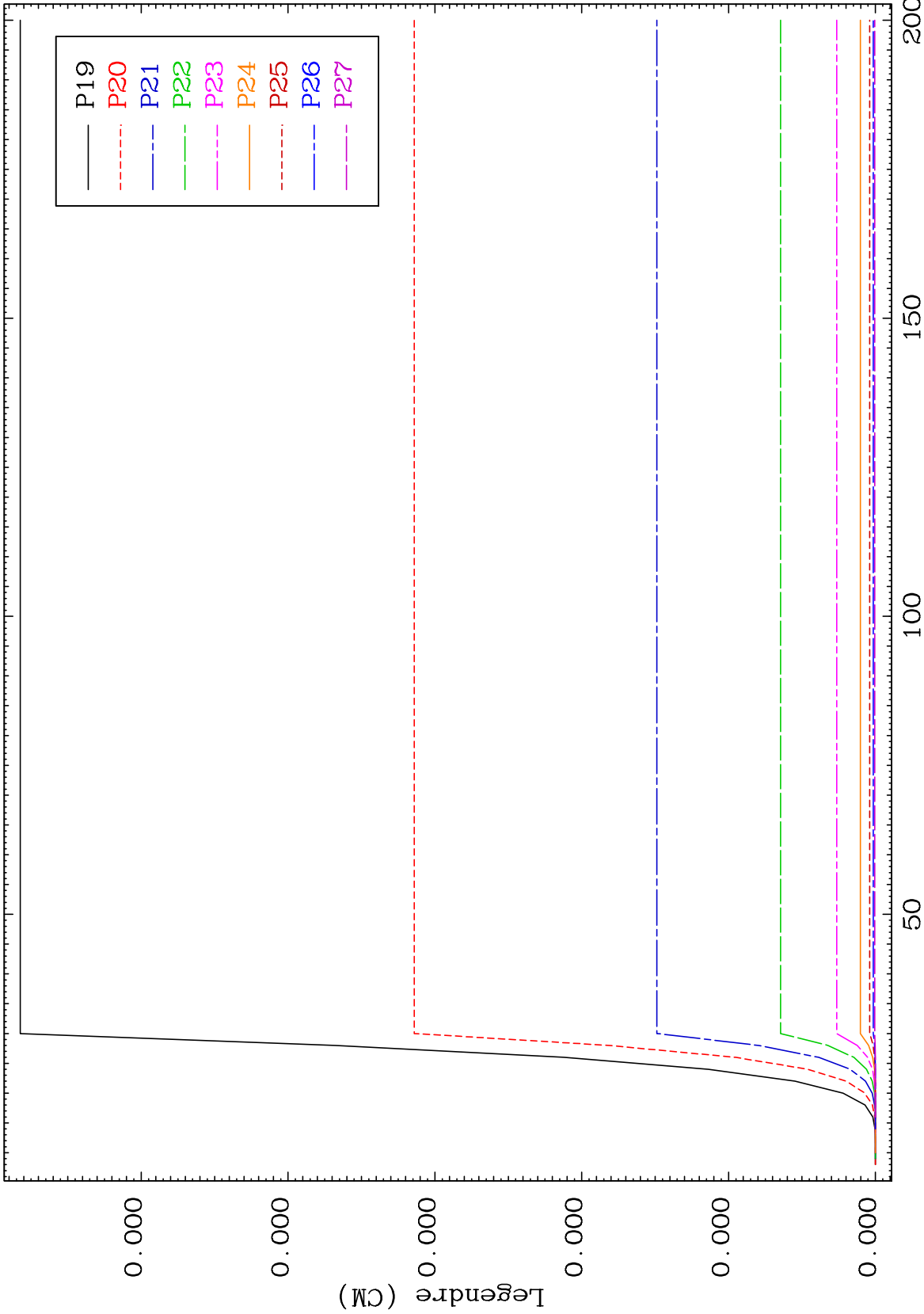
Incident Energy (MeV)

50-Sn-115

MAT 5034

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

50-Sn-115



103

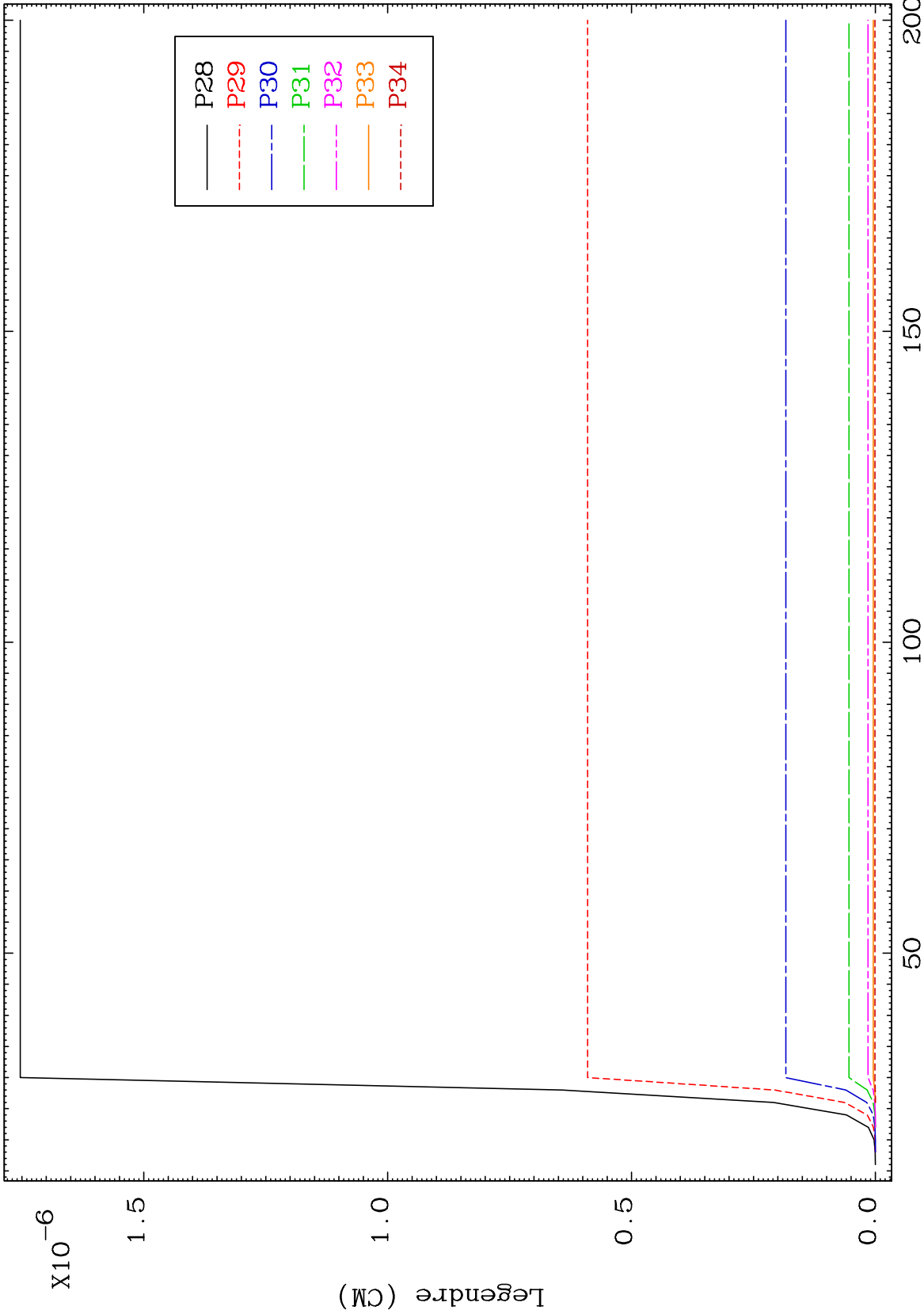
Incident Energy (MeV)

50-Sn-115

MAT 5034

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

50-Sn-115



104

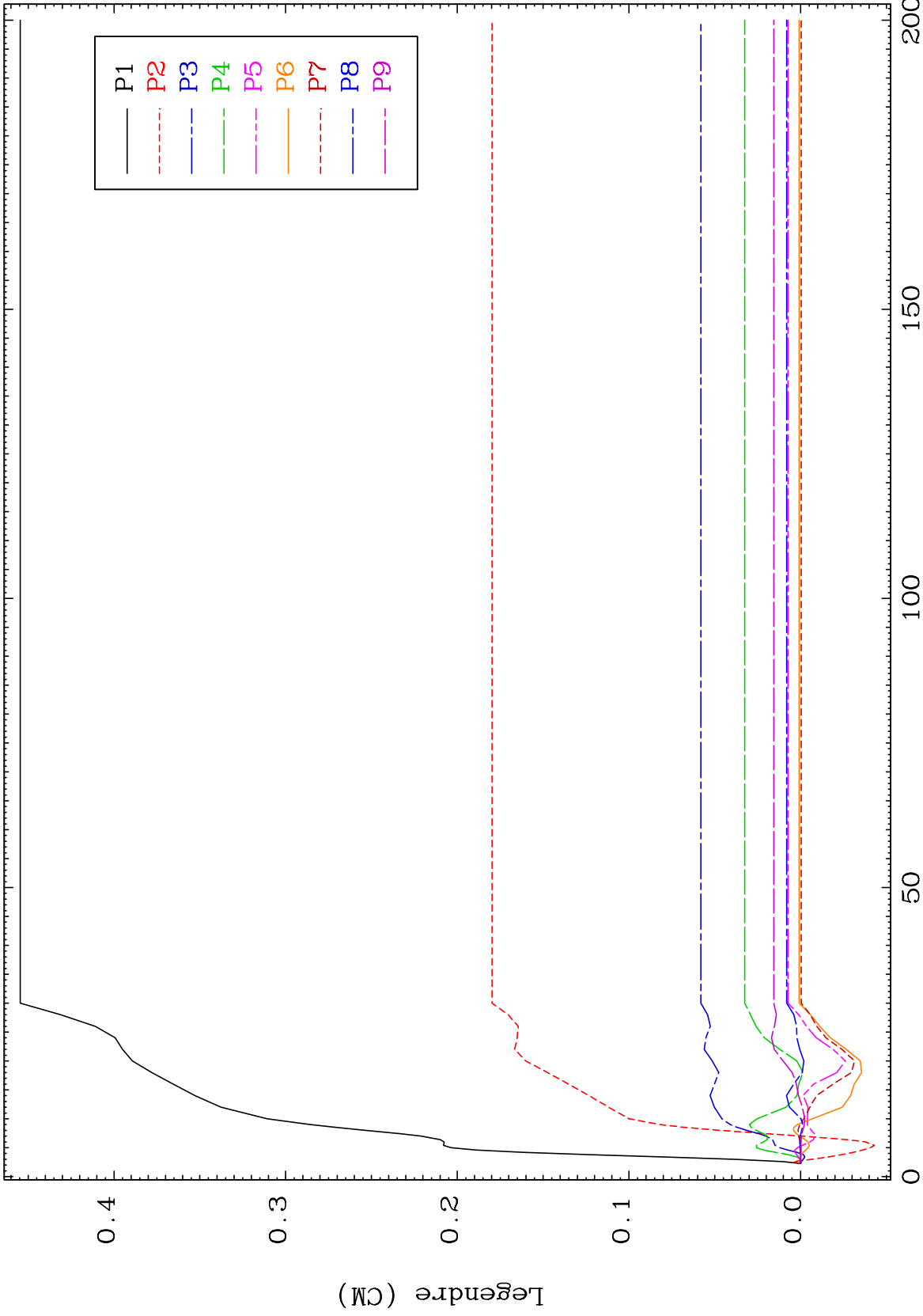
Incident Energy (MeV)

50-Sn-115

MAT 5034

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

50-Sn-115



50-Sn-115

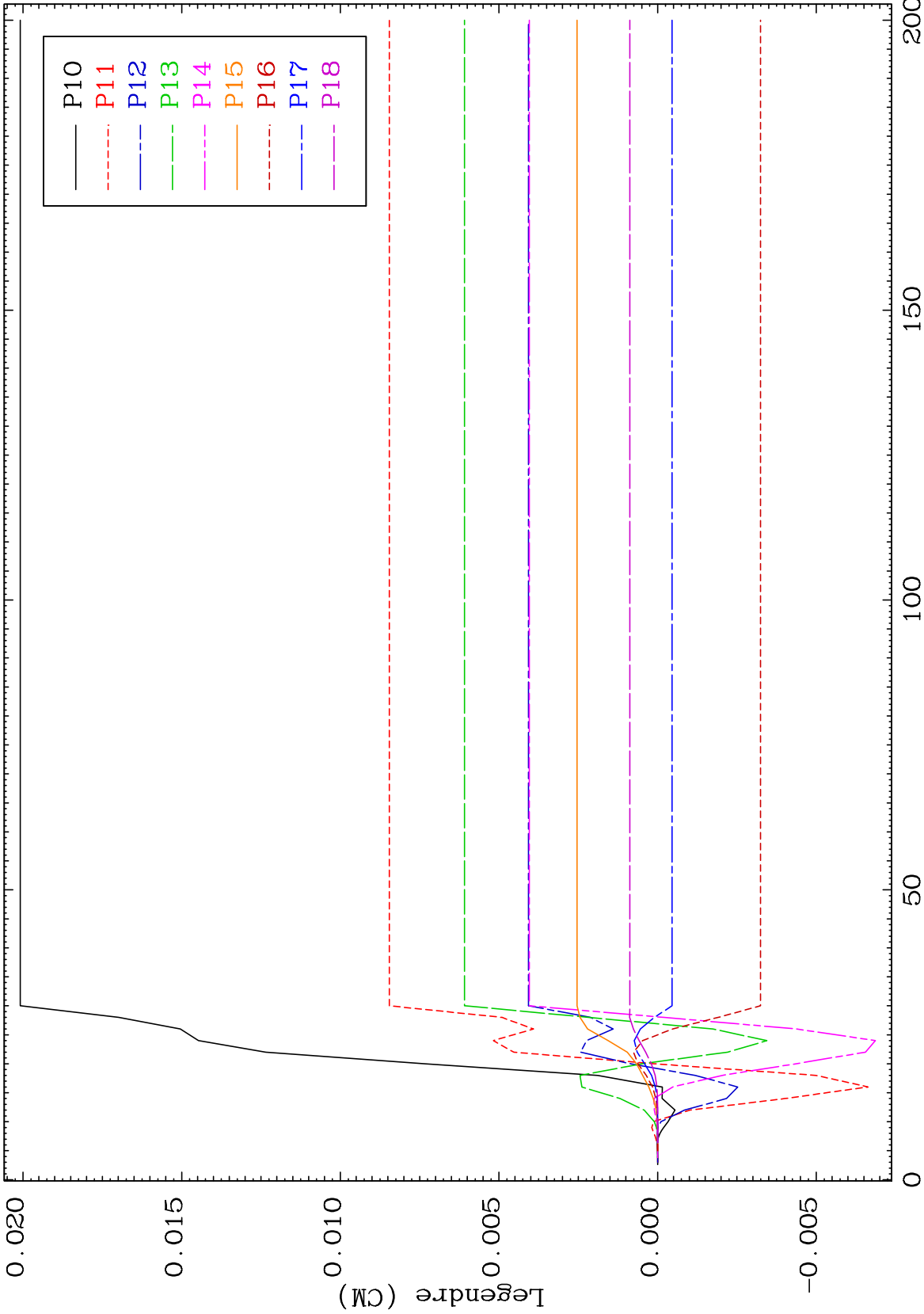
Incident Energy (MeV)

105

MAT 5034

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

50-Sn-115



106

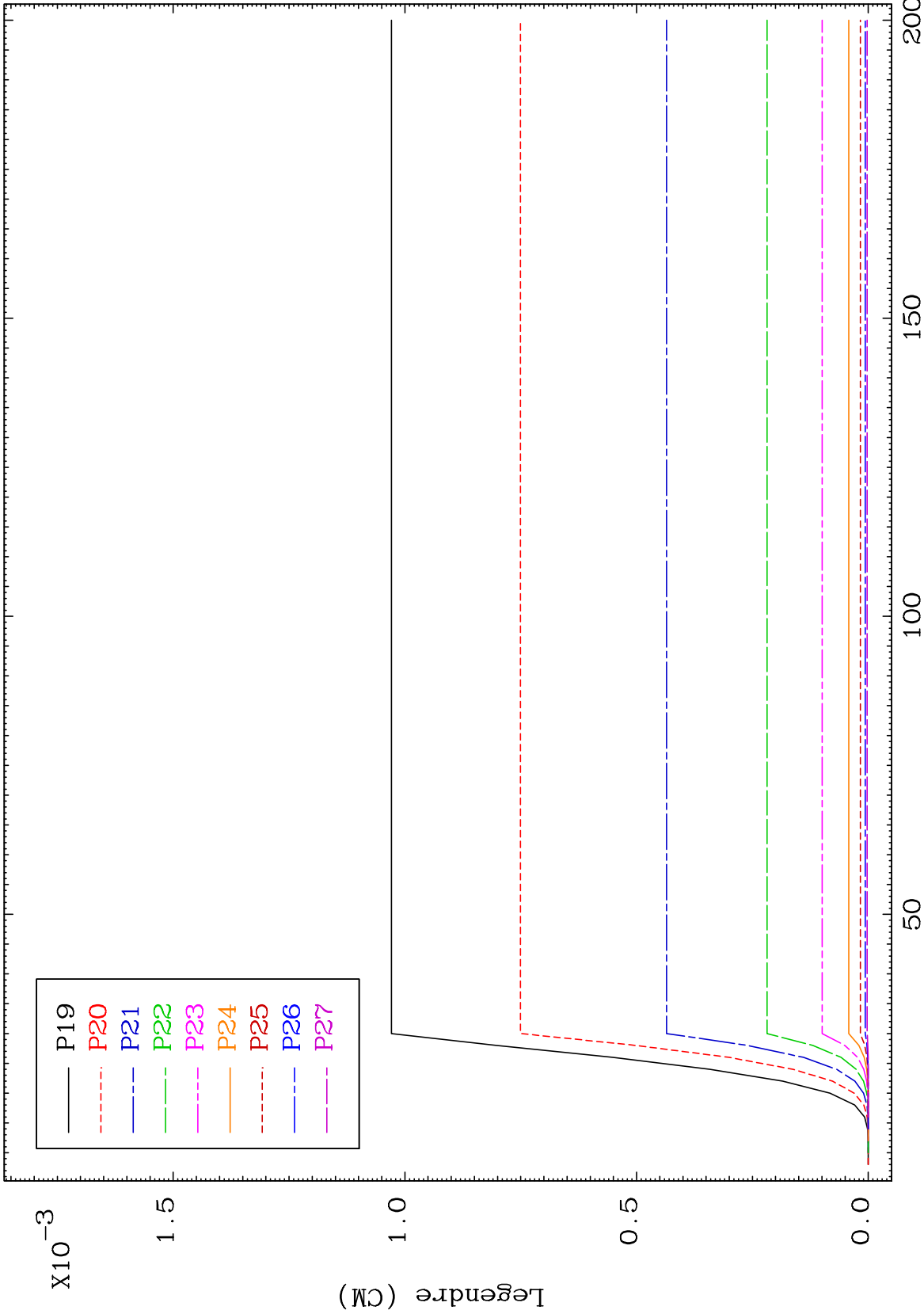
Incident Energy (MeV)

50-Sn-115

MAT 5034

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

50-Sn-115



107

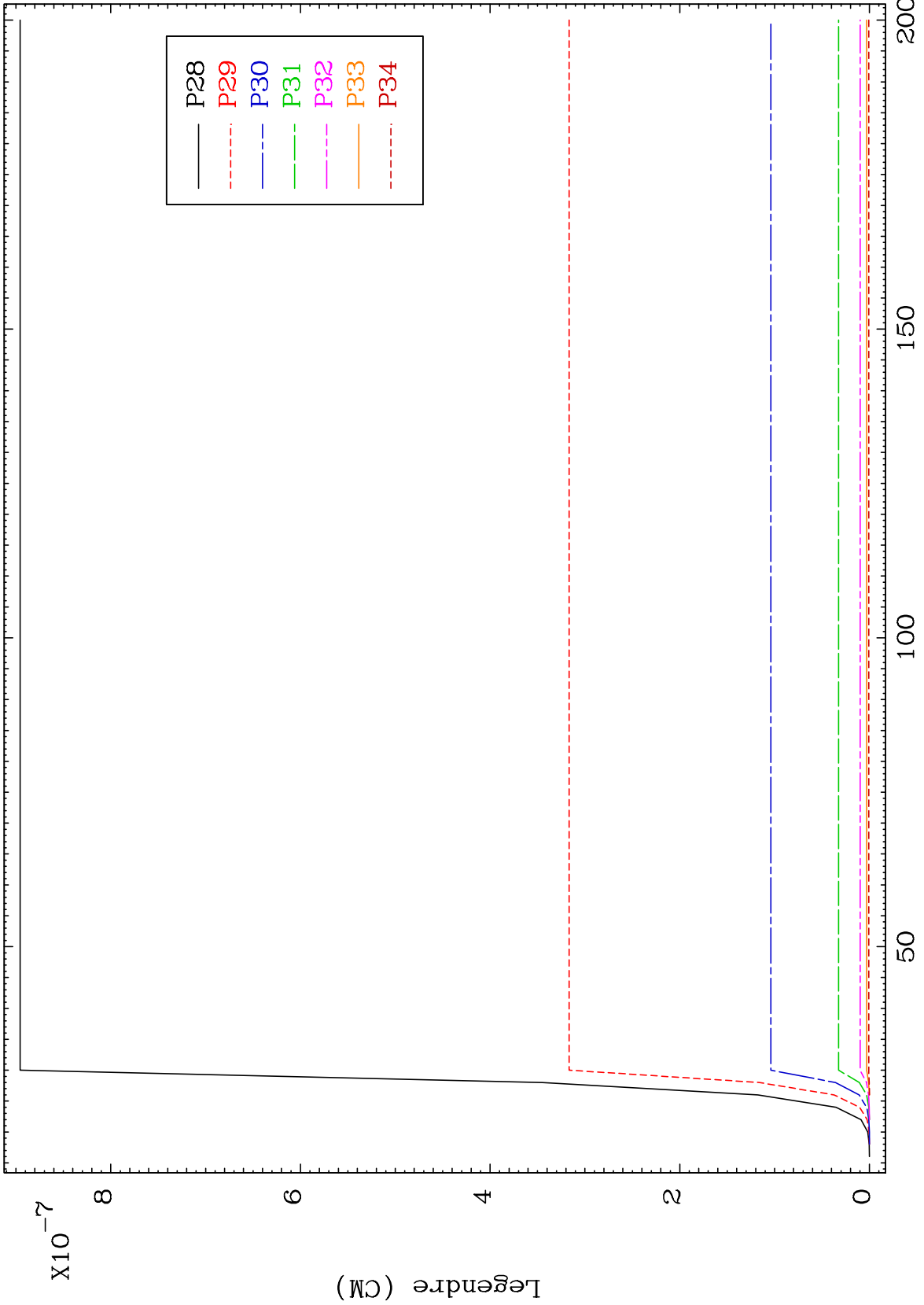
Incident Energy (MeV)

50-Sn-115

MAT 5034

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

50-Sn-115



108

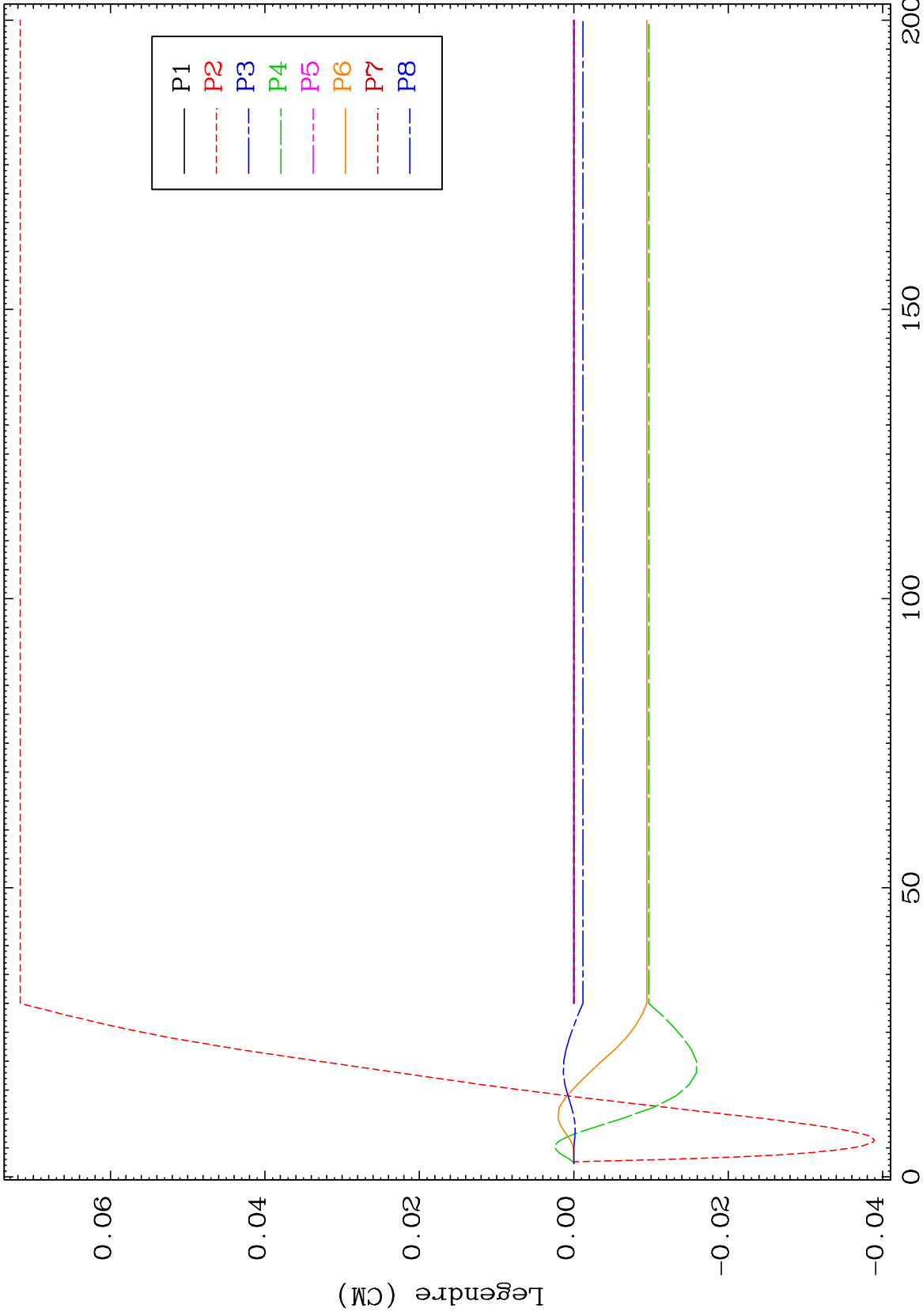
Incident Energy (MeV)

50-Sn-115

MAT 5034

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

50-Sn-115

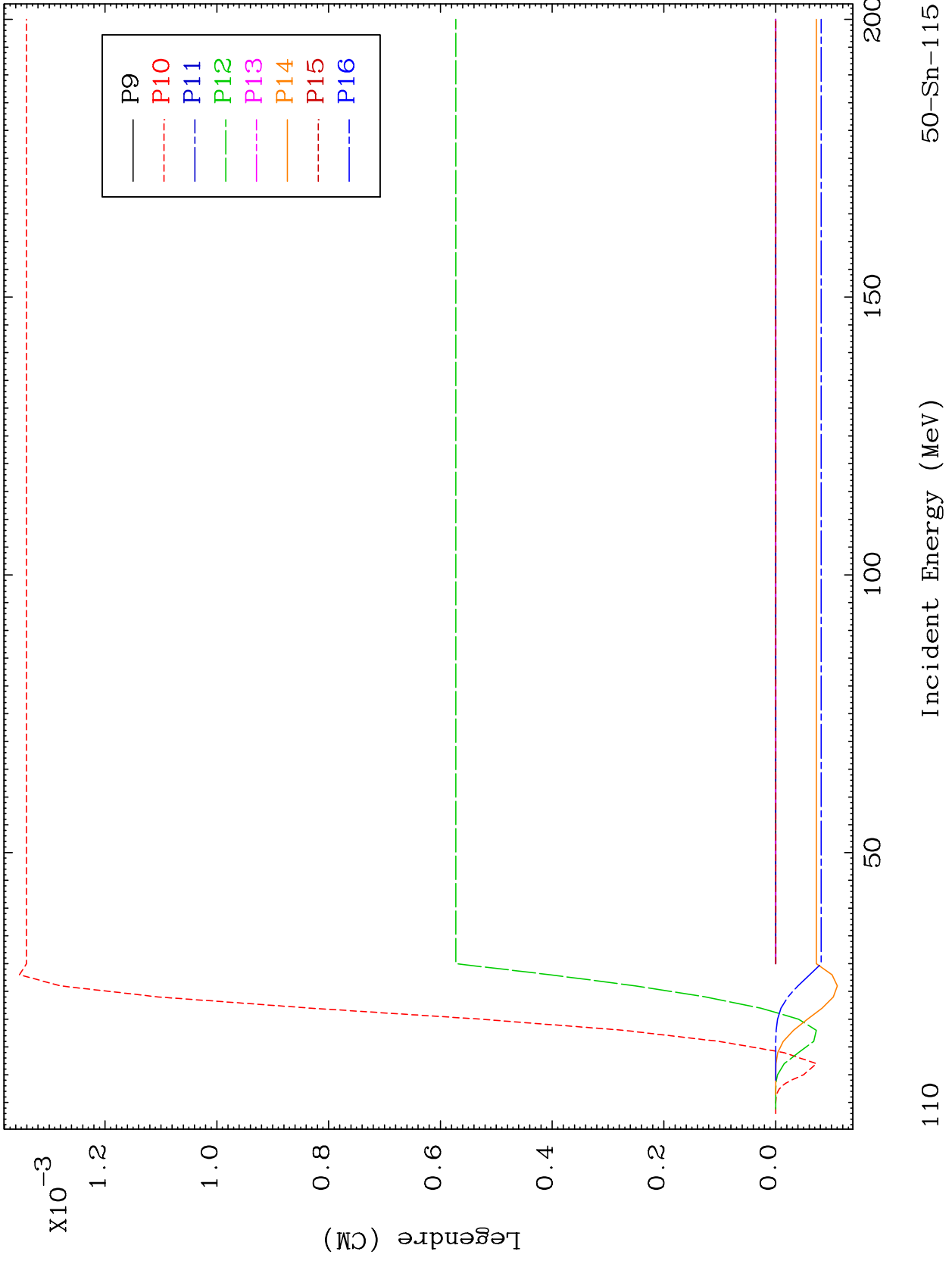


50-Sn-115

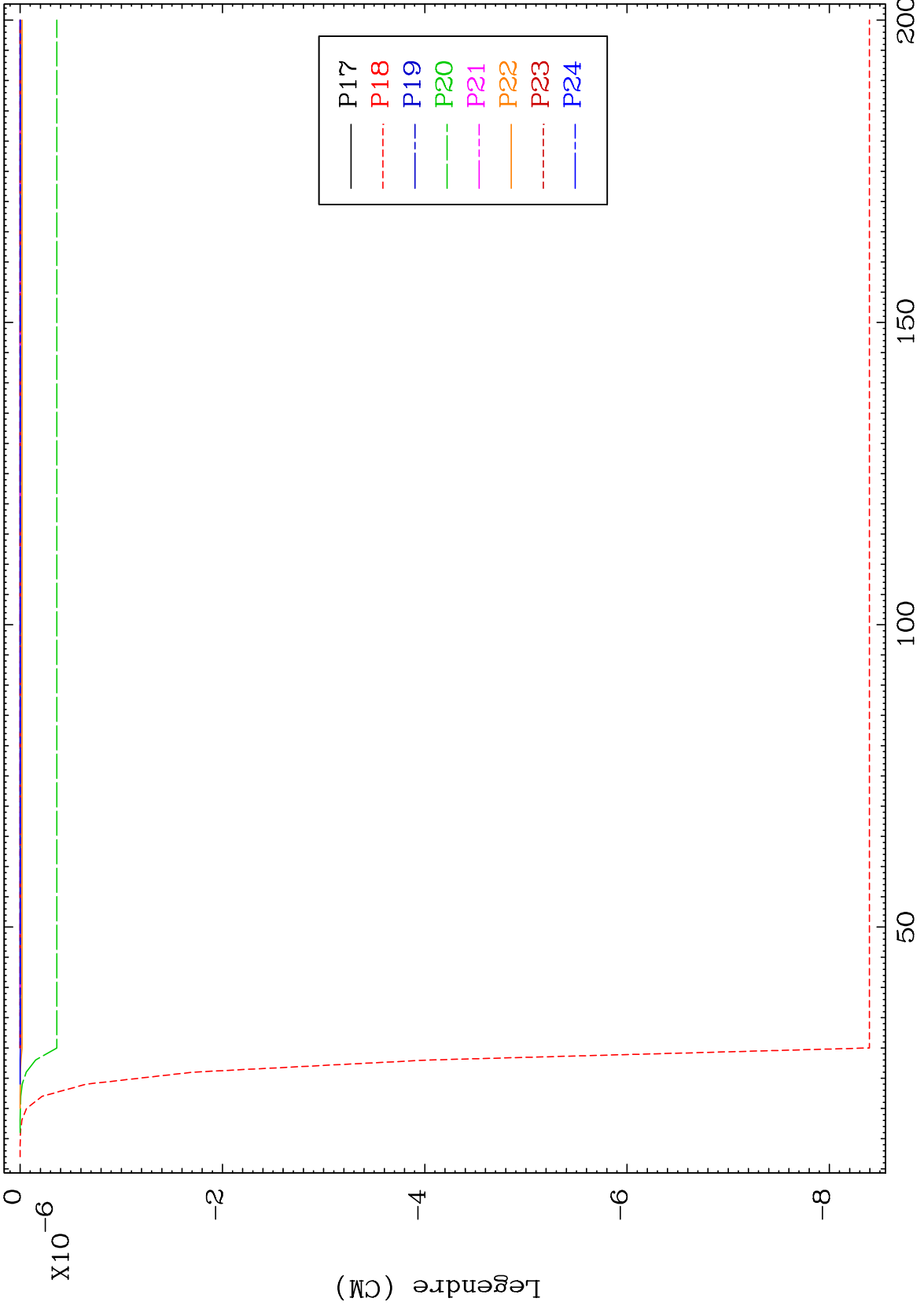
Incident Energy (MeV)

109

MAT 5034 MT= 79 (n,n') Level Legendre Coefficients 50-Sn-115

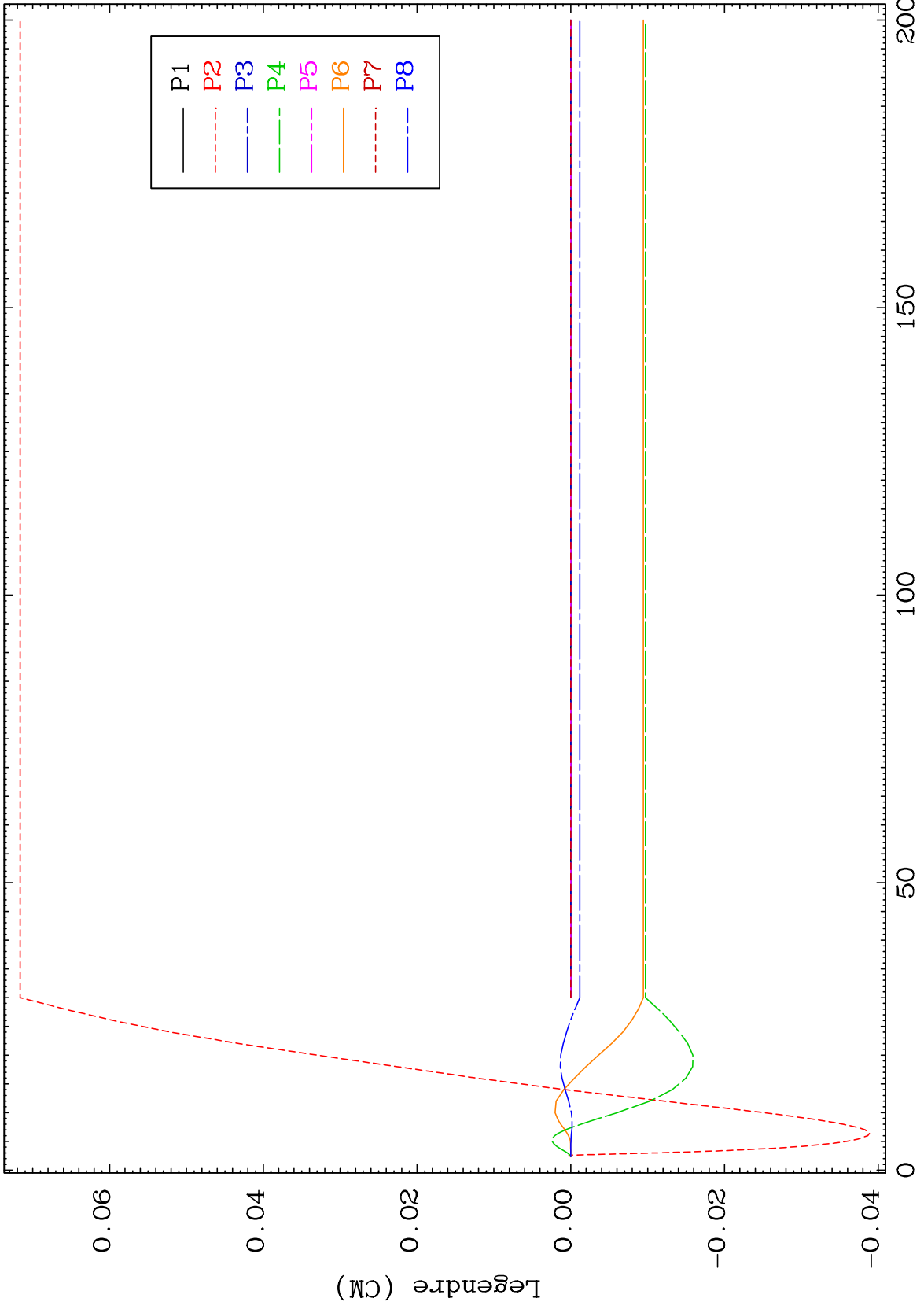


MAT 5034 MT= 79 (n,n') Level Legendre Coefficients 50-Sn-115



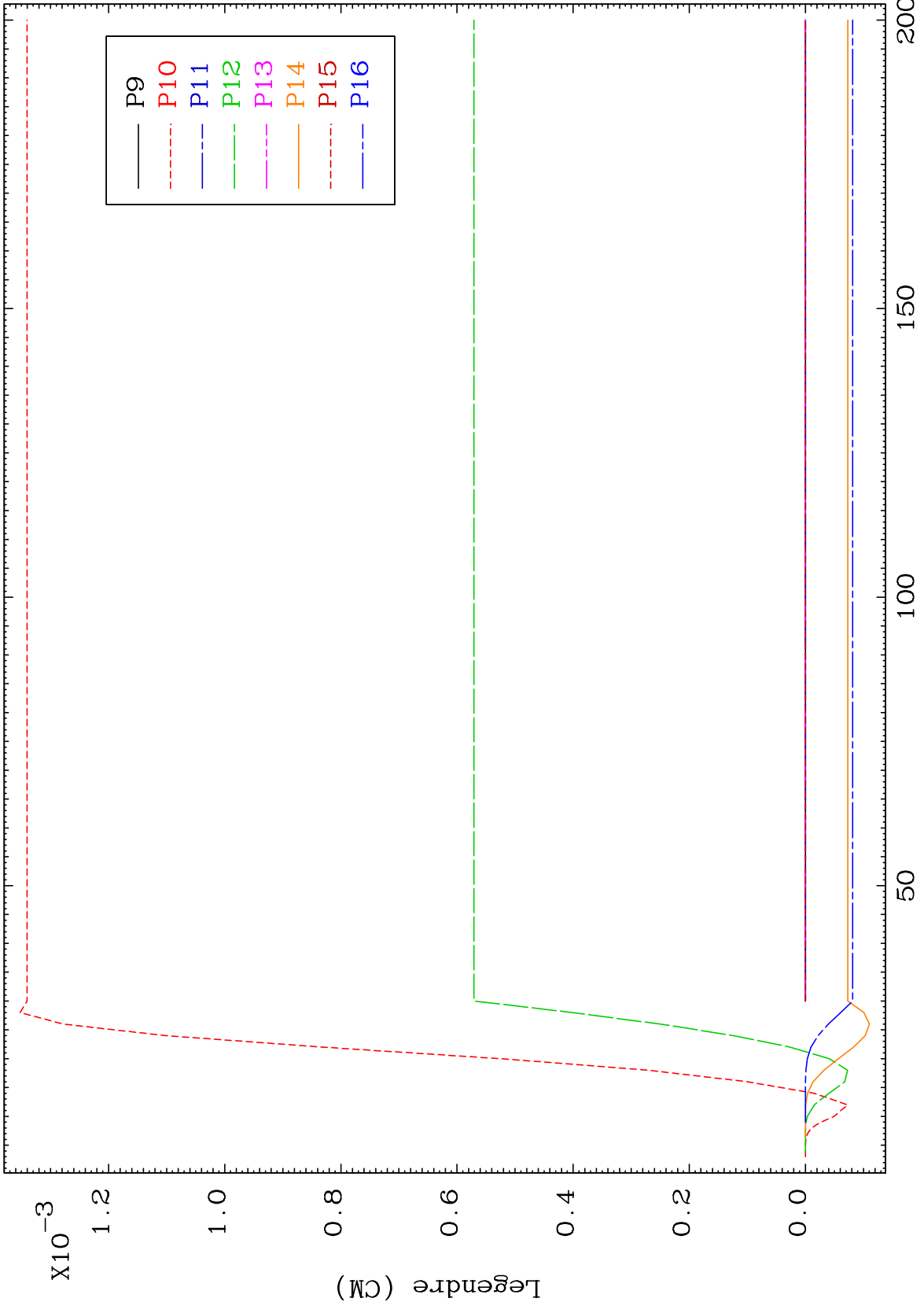
111 50-Sn-115

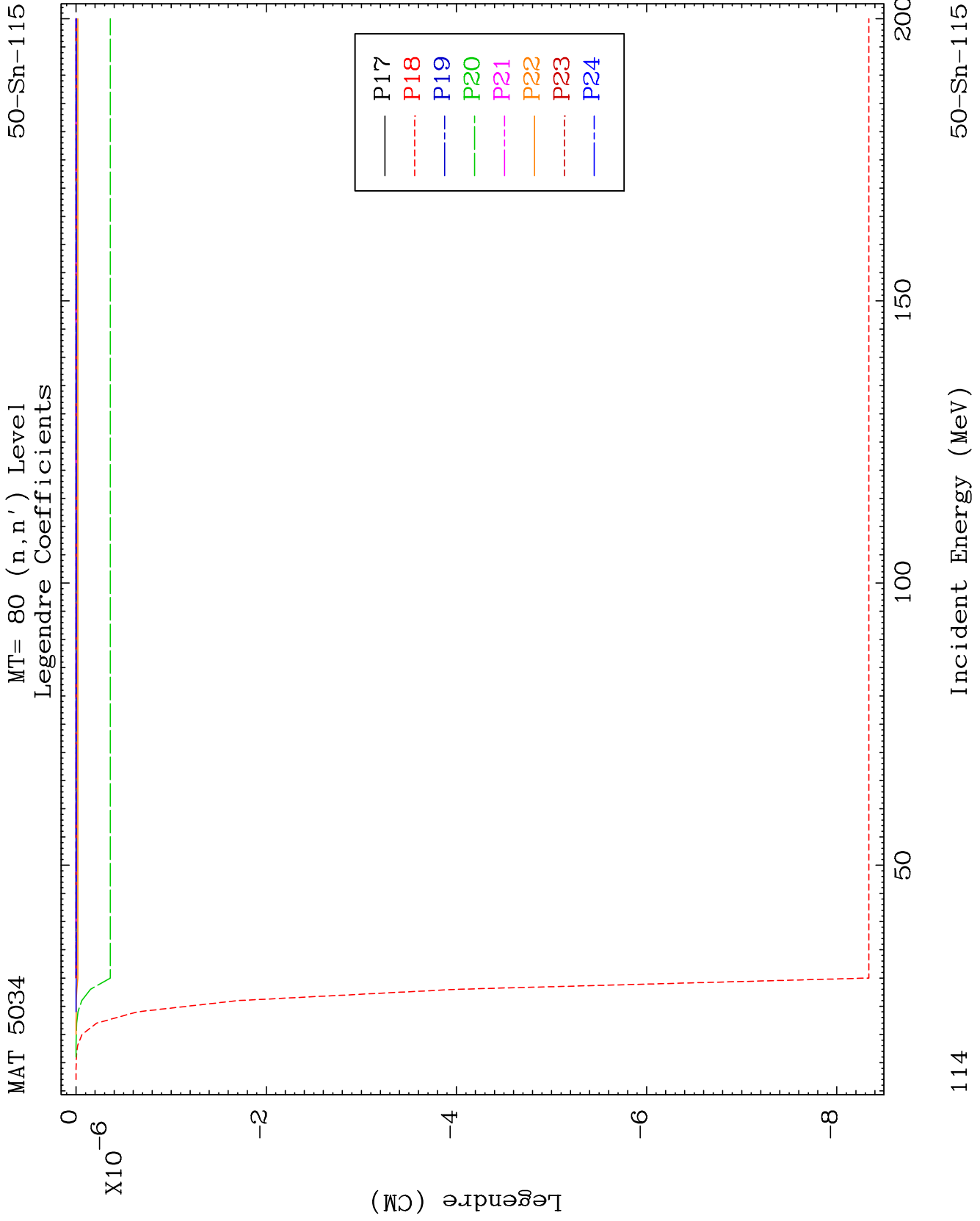
MAT 5034 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-115



112 Incident Energy (MeV) 50-Sn-115

MAT 5034 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-115



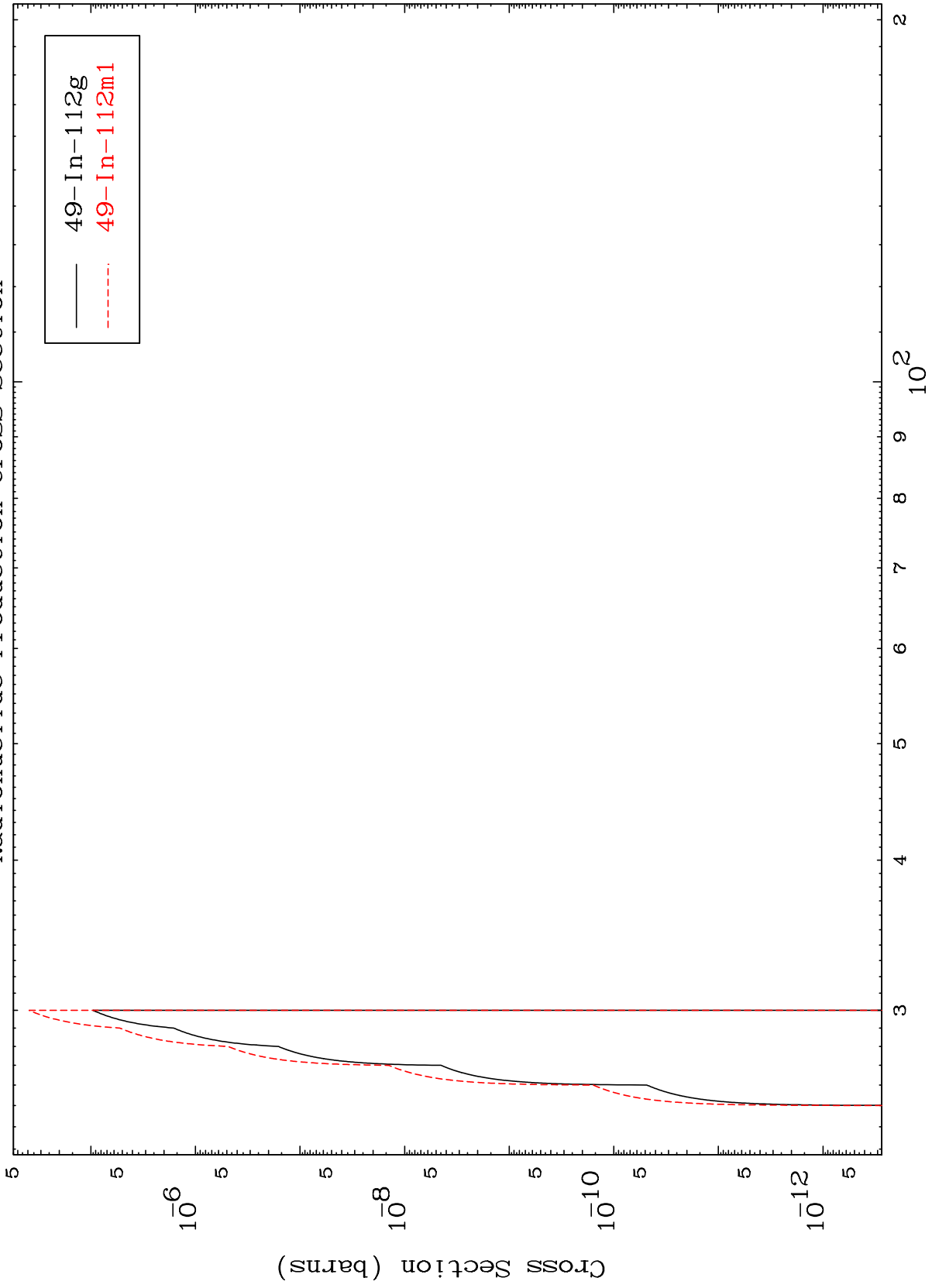


MAT 5034

(n,2n) d

50-Sn-115

Radionuclide Production Cross Section



115

Incident Energy (MeV)

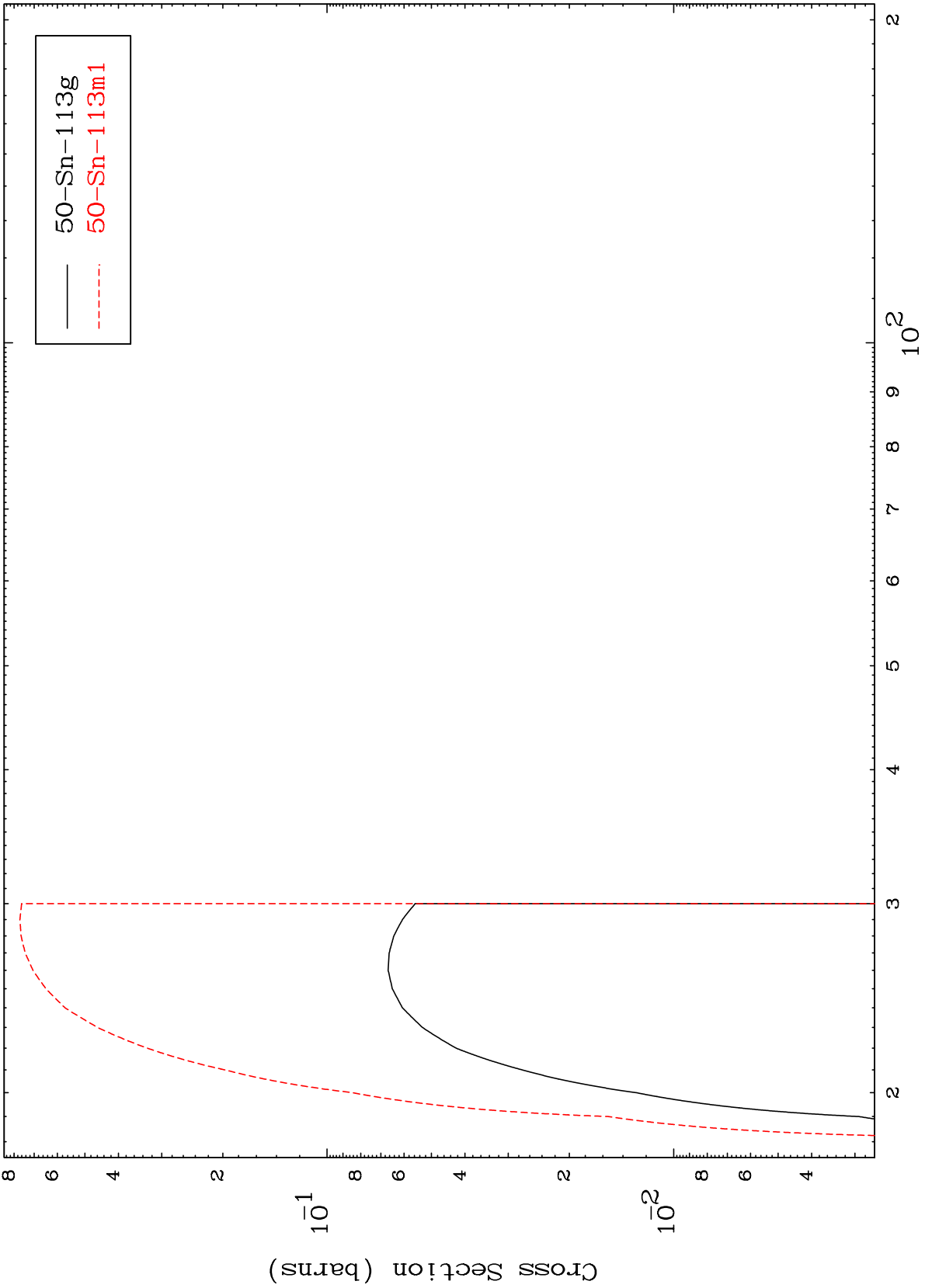
50-Sn-115

MAT 5034

(n,3n)

50-Sn-115

Radionuclide Production Cross Section



116

Incident Energy (MeV)

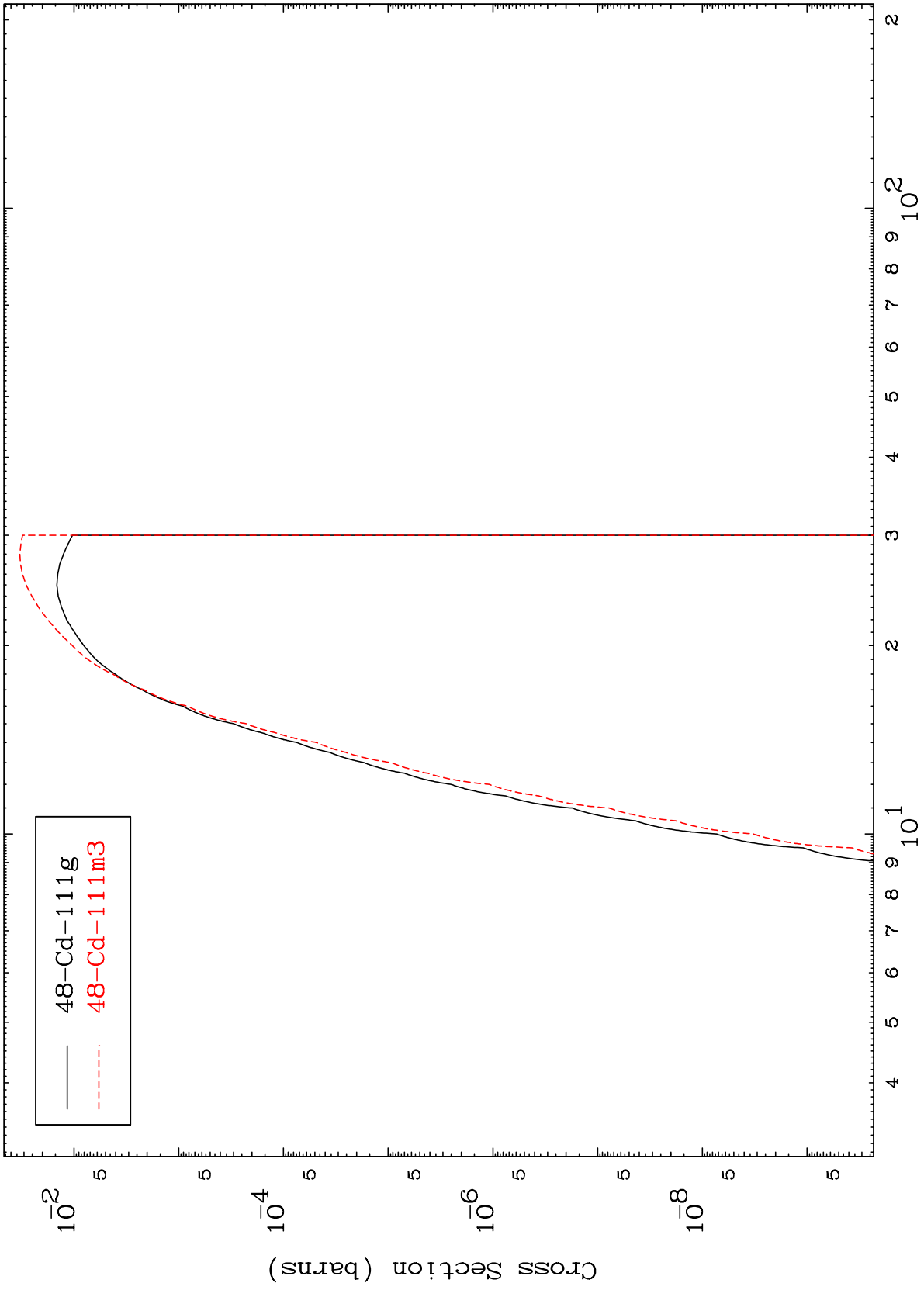
50-Sn-115

MAT 5034

(n,n') α

50-Sn-115

Radionuclide Production Cross Section



— 48-Cd-111g
- - - 48-Cd-111m3

117

Incident Energy (MeV)

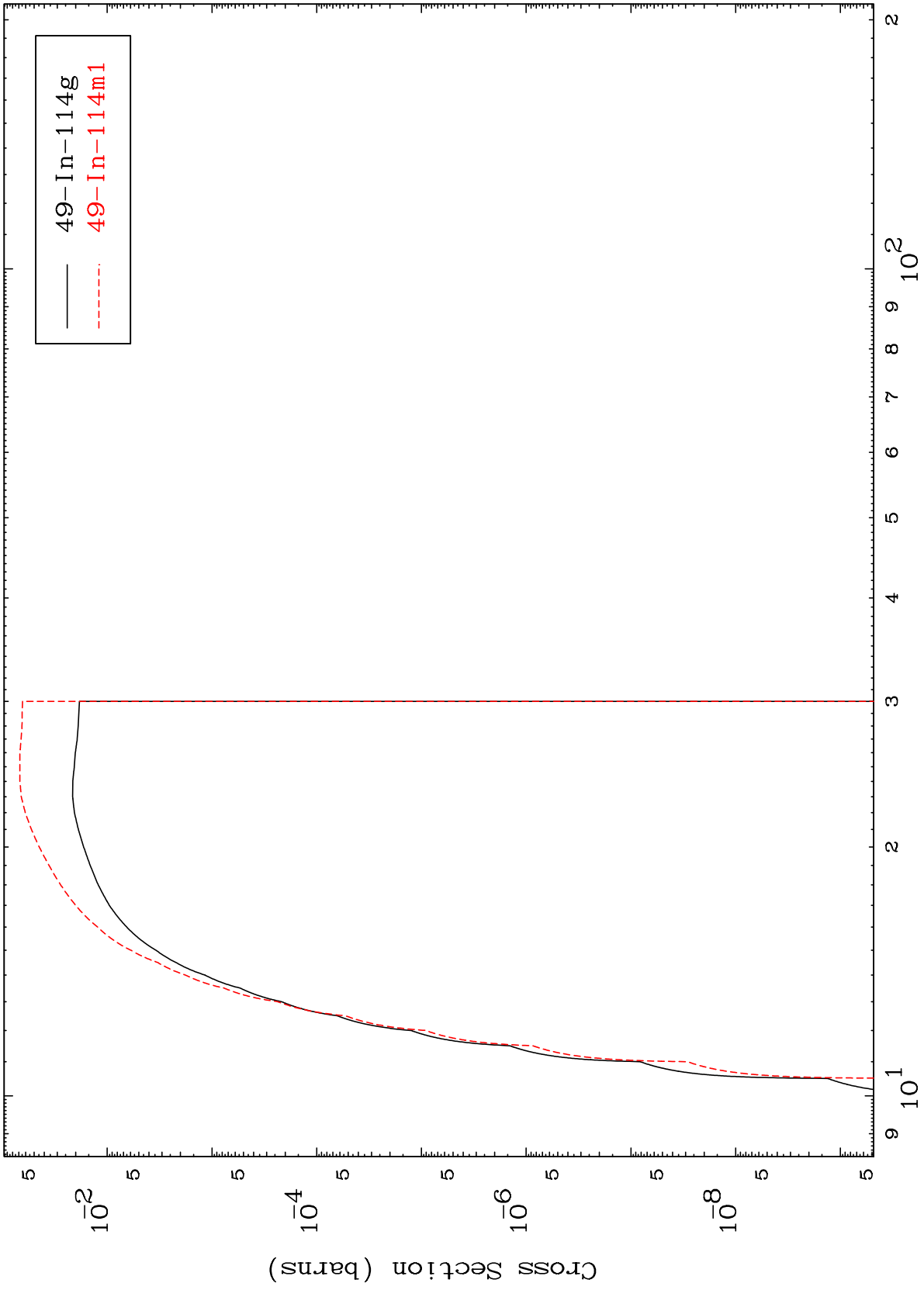
50-Sn-115

MAT 5034

(n,n') p

50-Sn-115

Radionuclide Production Cross Section



118

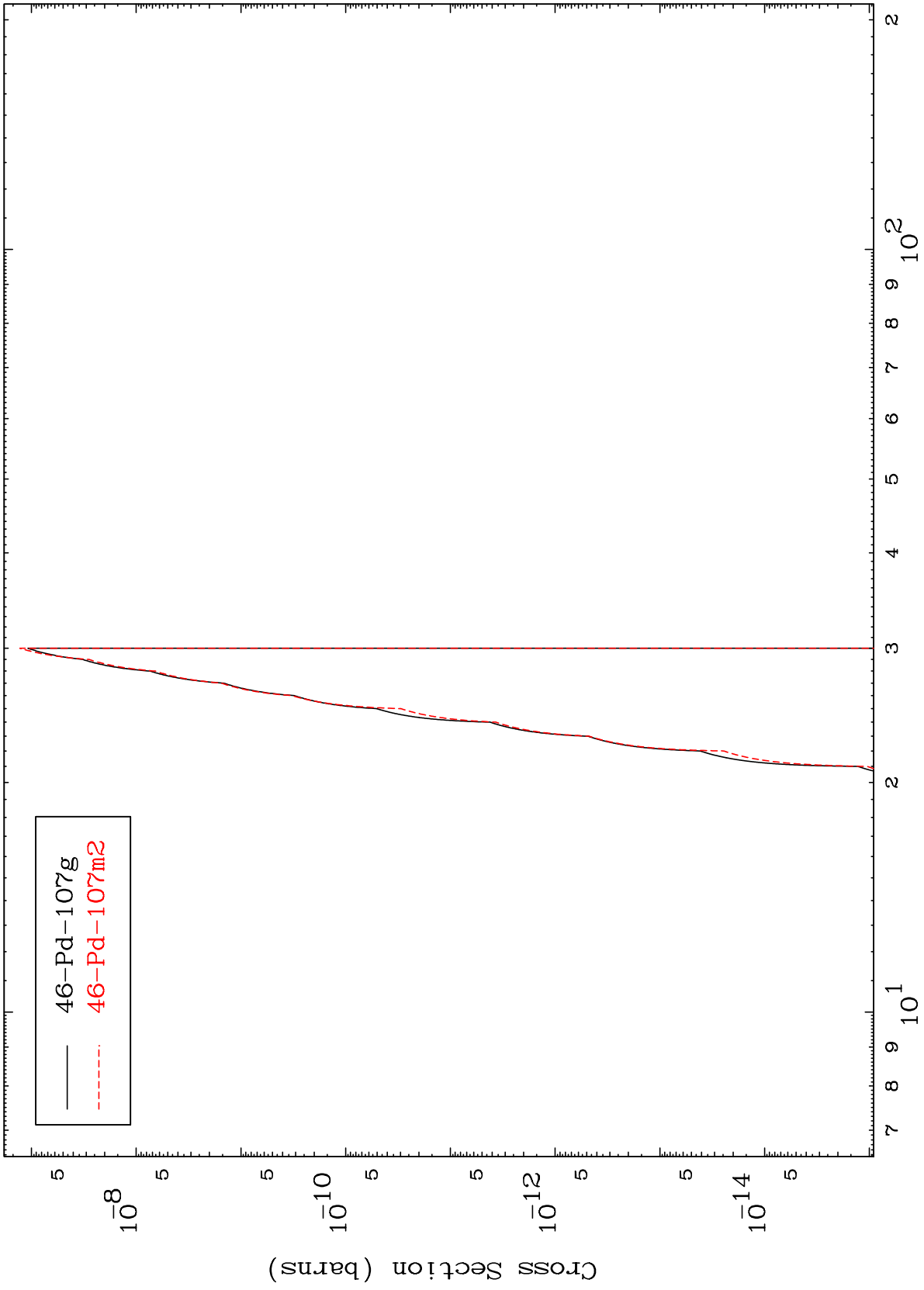
Incident Energy (MeV)

50-Sn-115

MAT 5034

50-Sn-115

(n,n') 2α
Radionuclide Production Cross Section



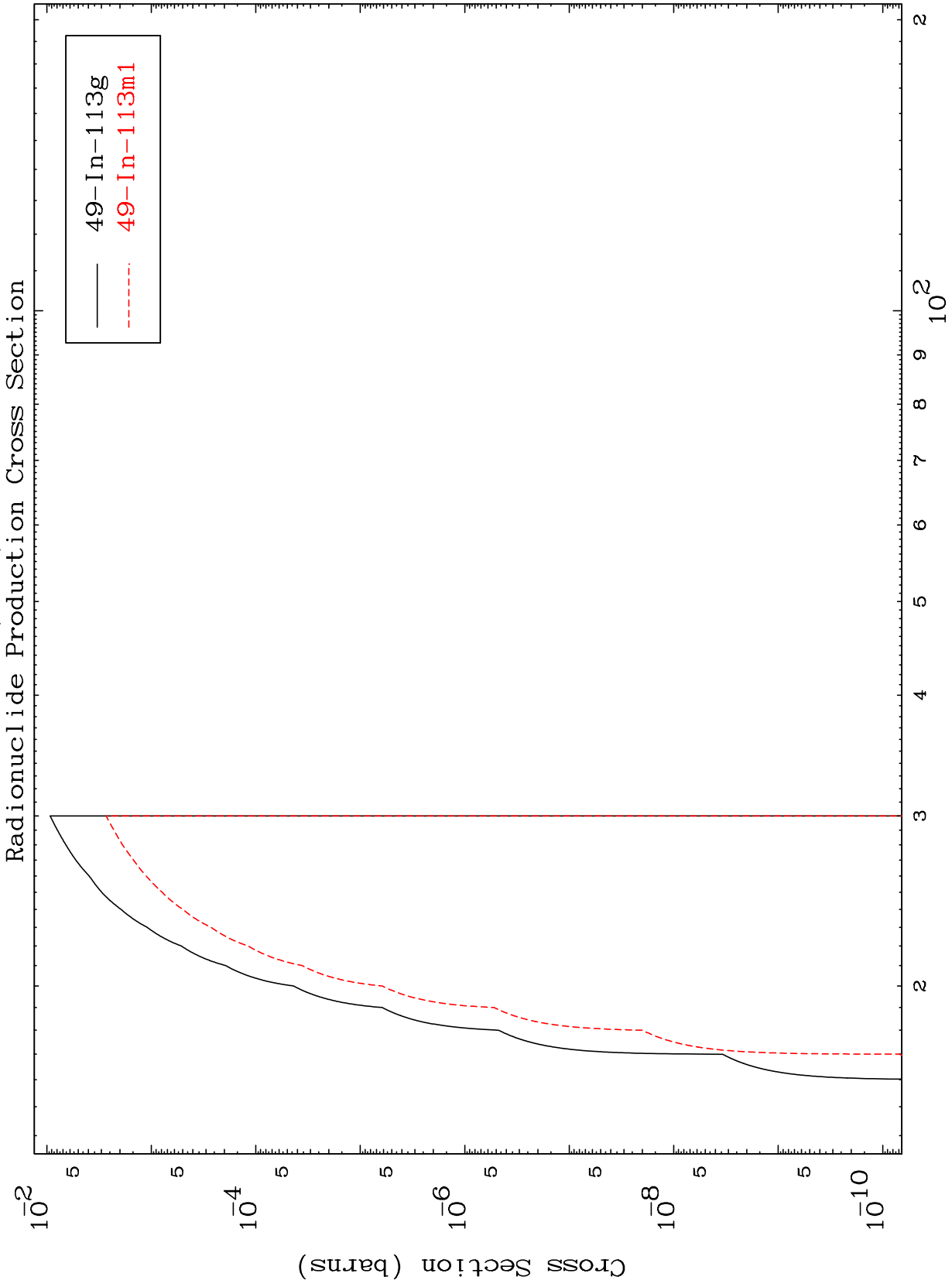
119

50-Sn-115

MAT 5034

(n,n') d

50-Sn-115



120

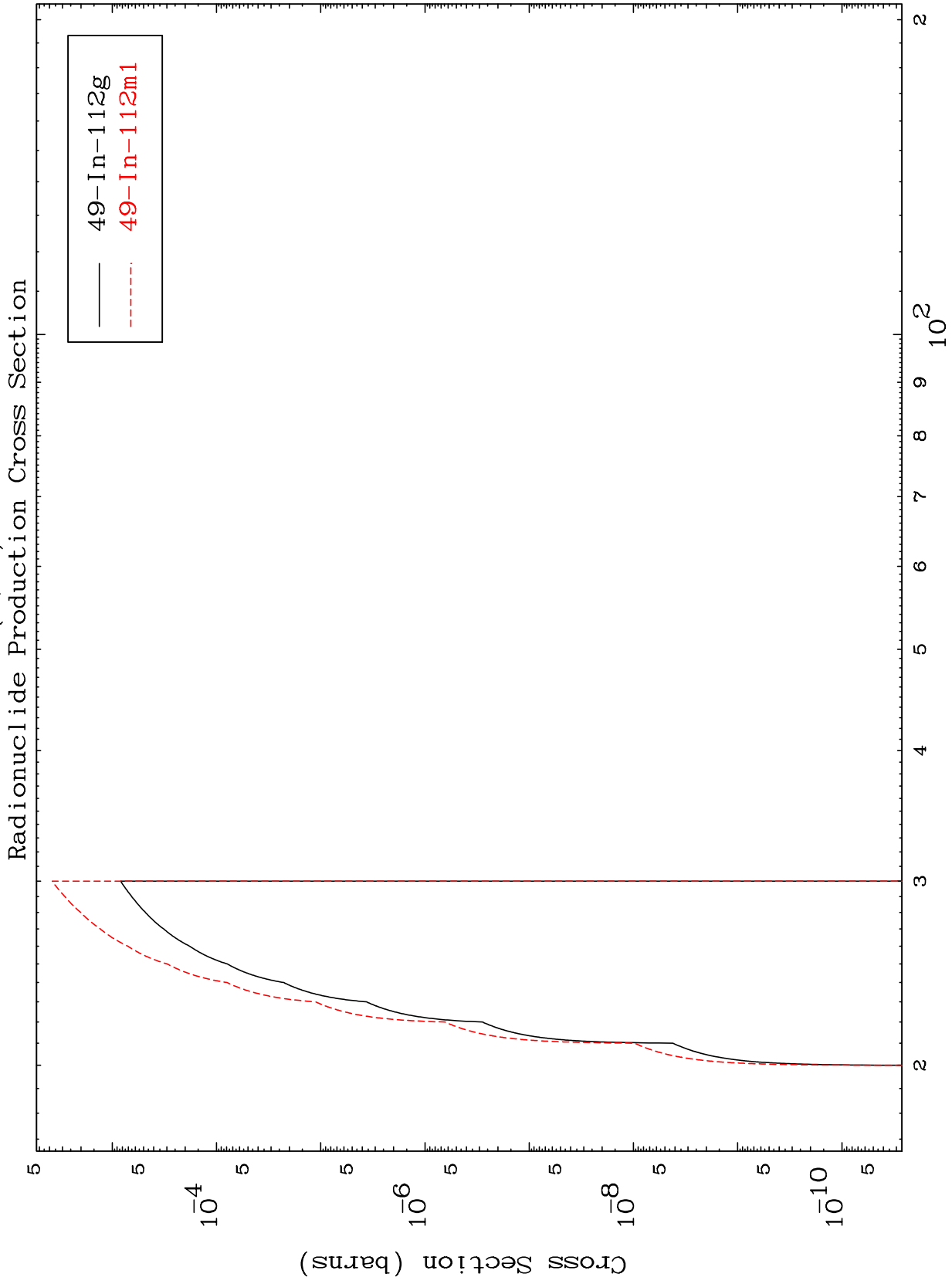
Incident Energy (MeV)

50-Sn-115

MAT 5034

(n,n') t

50-Sn-115



121

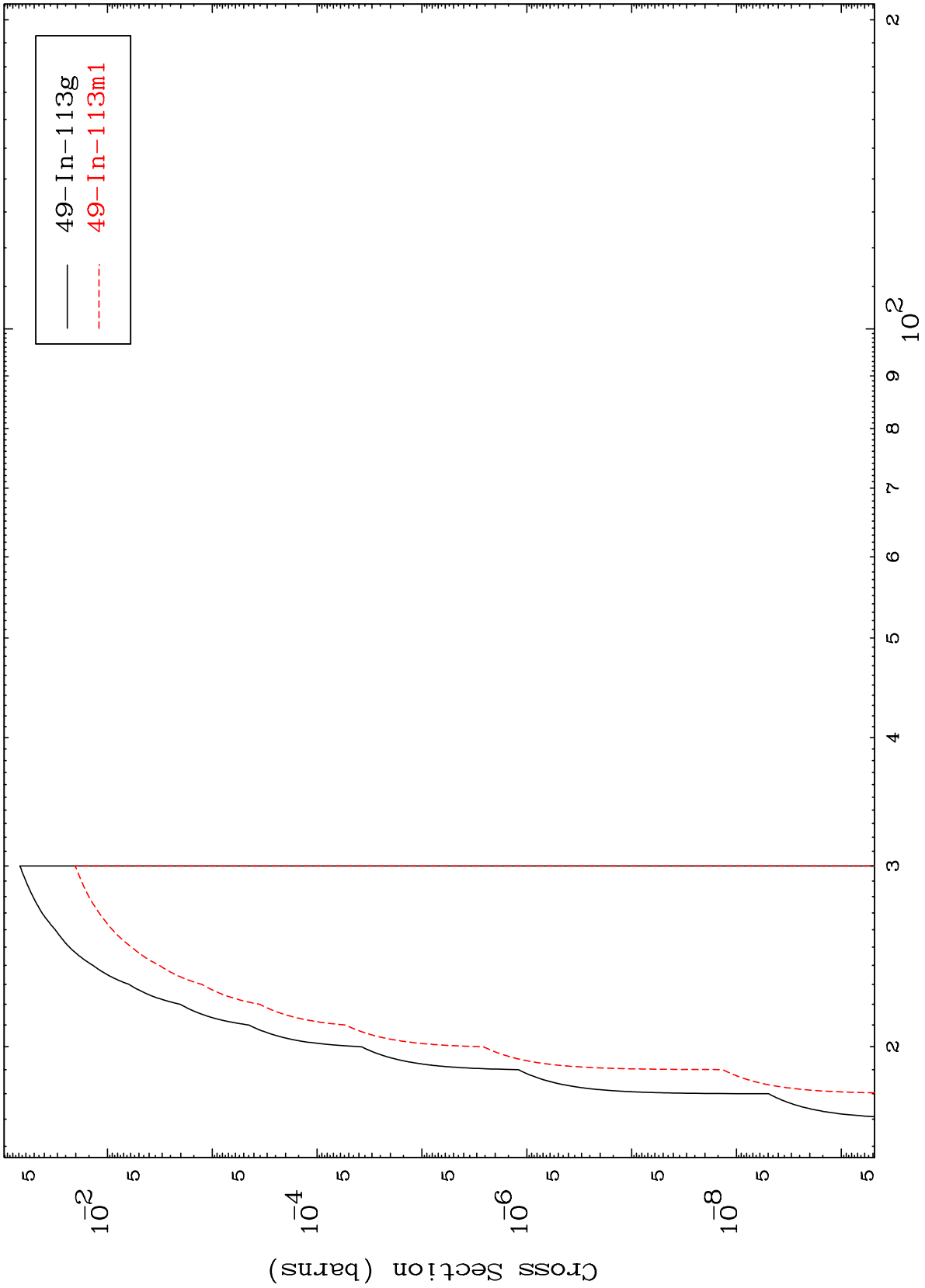
50-Sn-115

MAT 5034

(n,2n) p

50-Sn-115

Radionuclide Production Cross Section



122

Incident Energy (MeV)

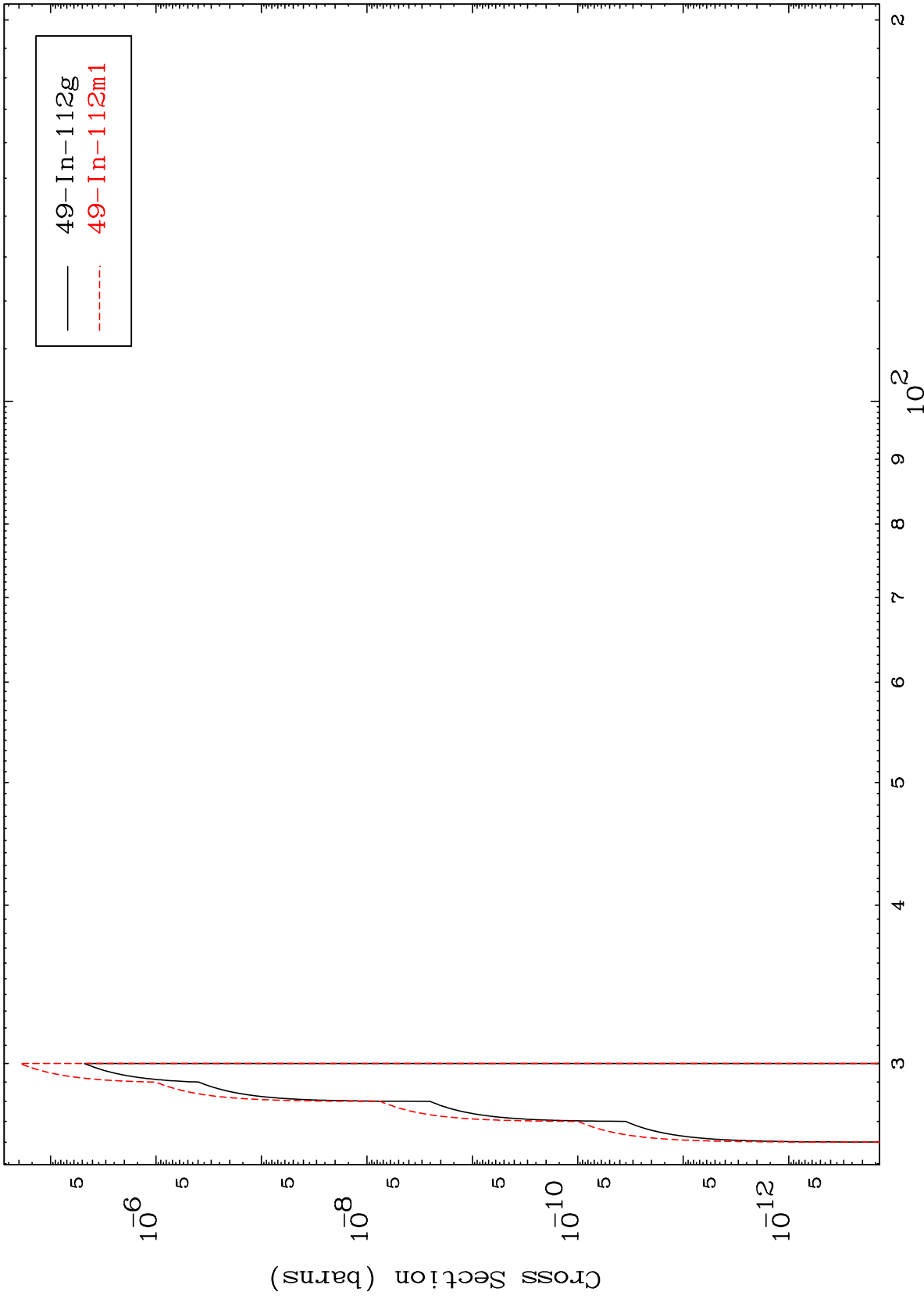
50-Sn-115

MAT 5034

(n,3n) p

50-Sn-115

Radionuclide Production Cross Section



123

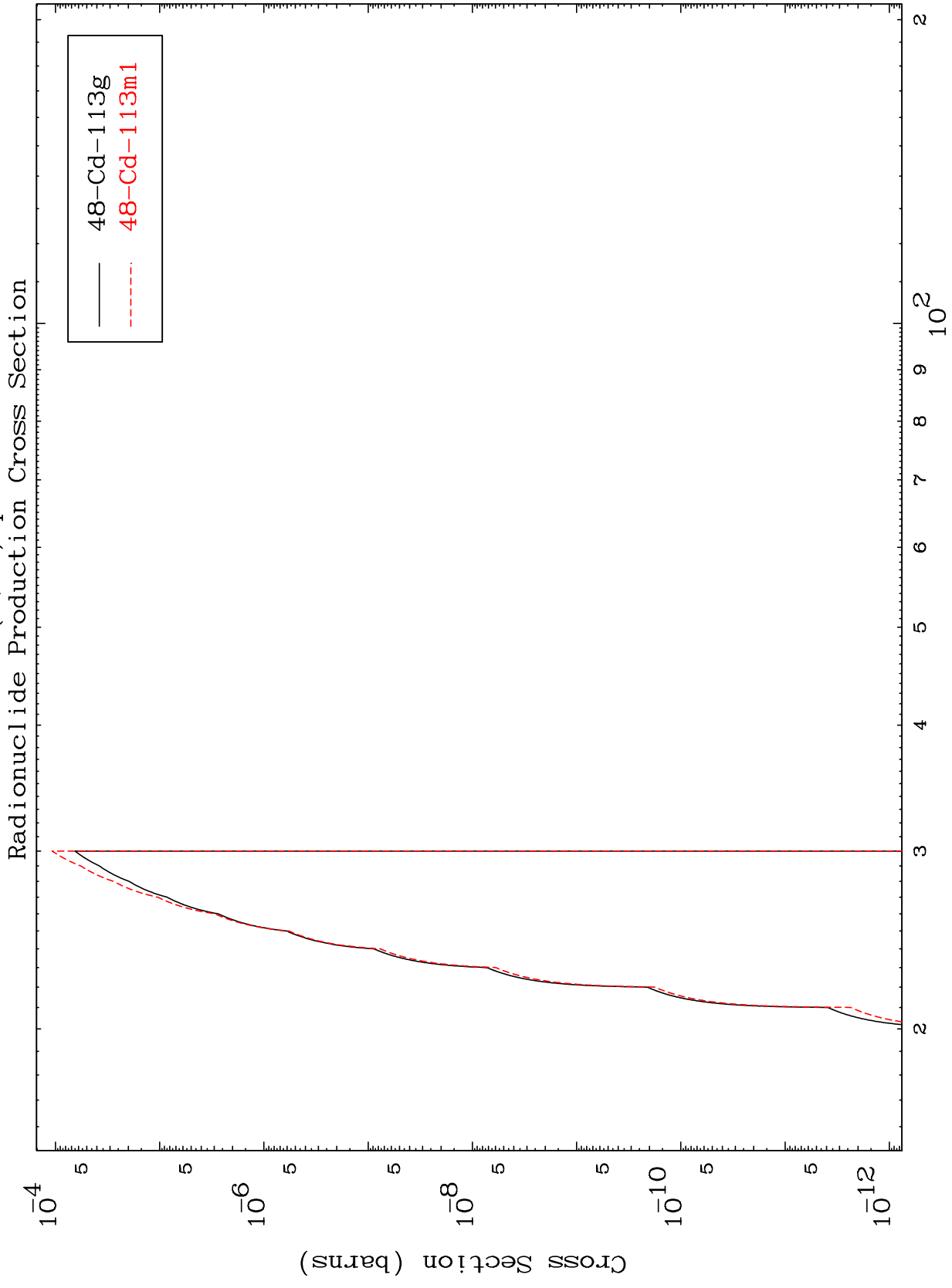
Incident Energy (MeV)

50-Sn-115

MAT 5034

(n,2n) p

50-Sn-115



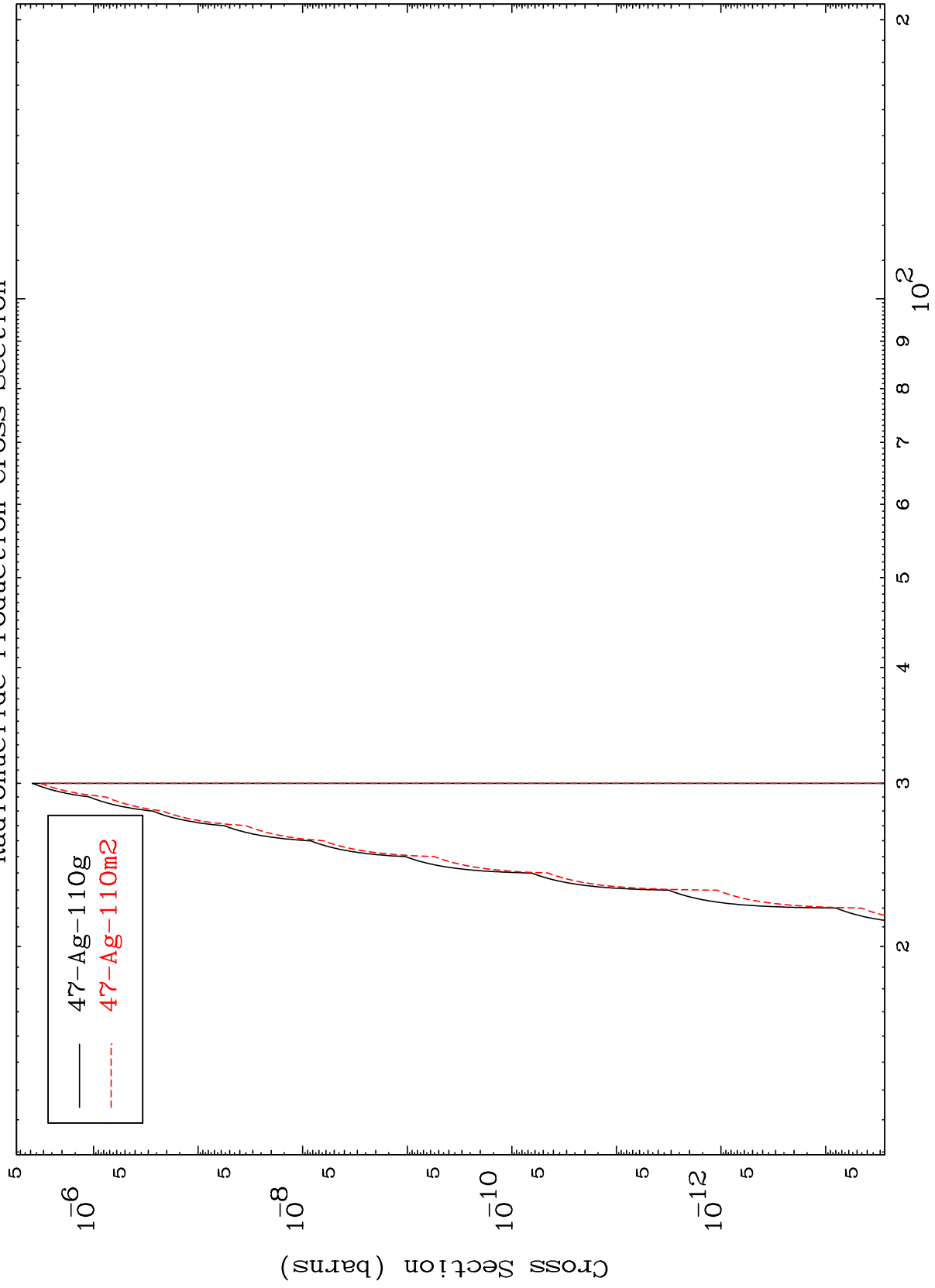
124

50-Sn-115

MAT 5034

50-Sn-115

(n,n') p α
Radionuclide Production Cross Section



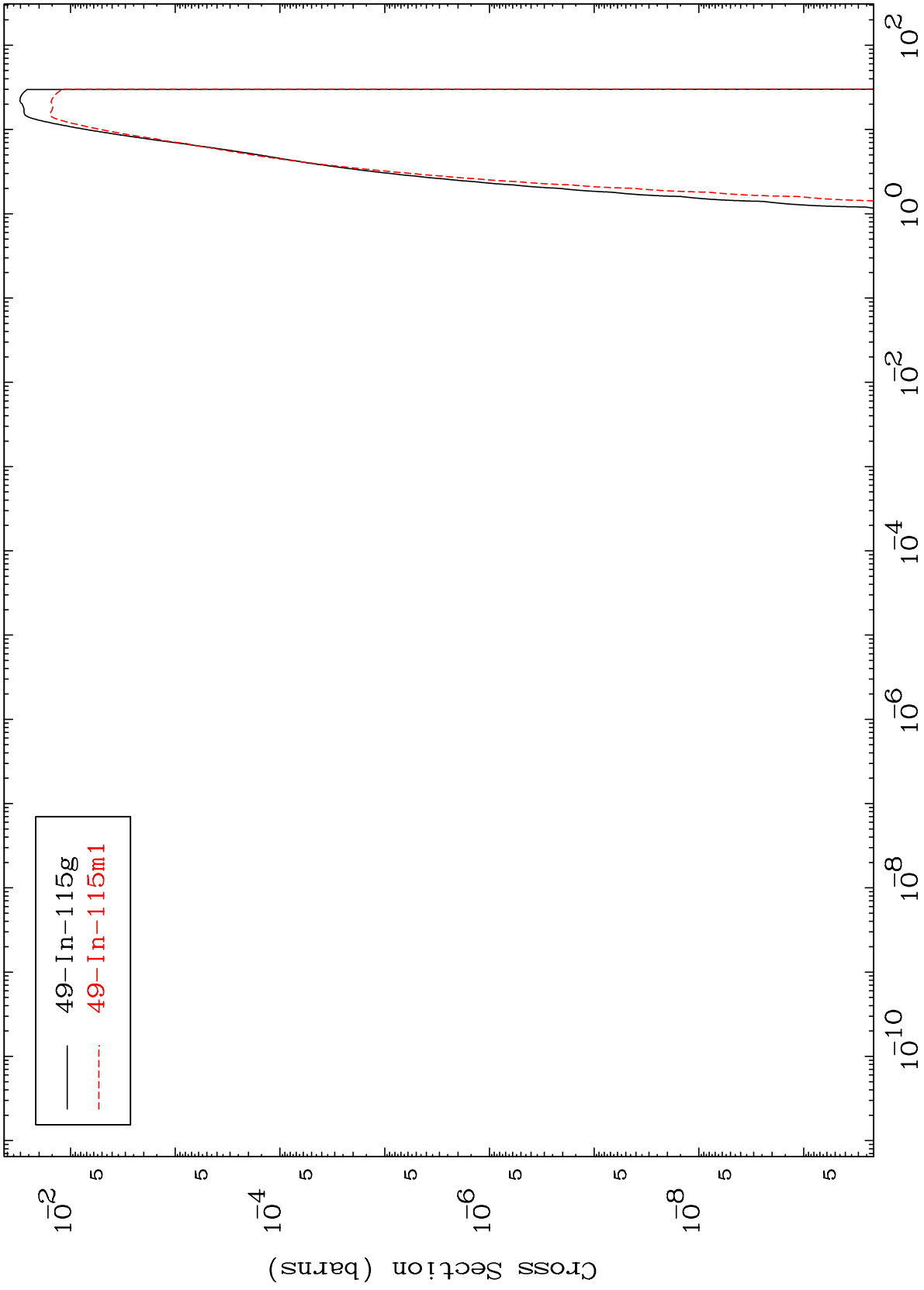
125

50-Sn-115

MAT 5034

(n,p)
Radionuclide Production Cross Section

50-Sn-115

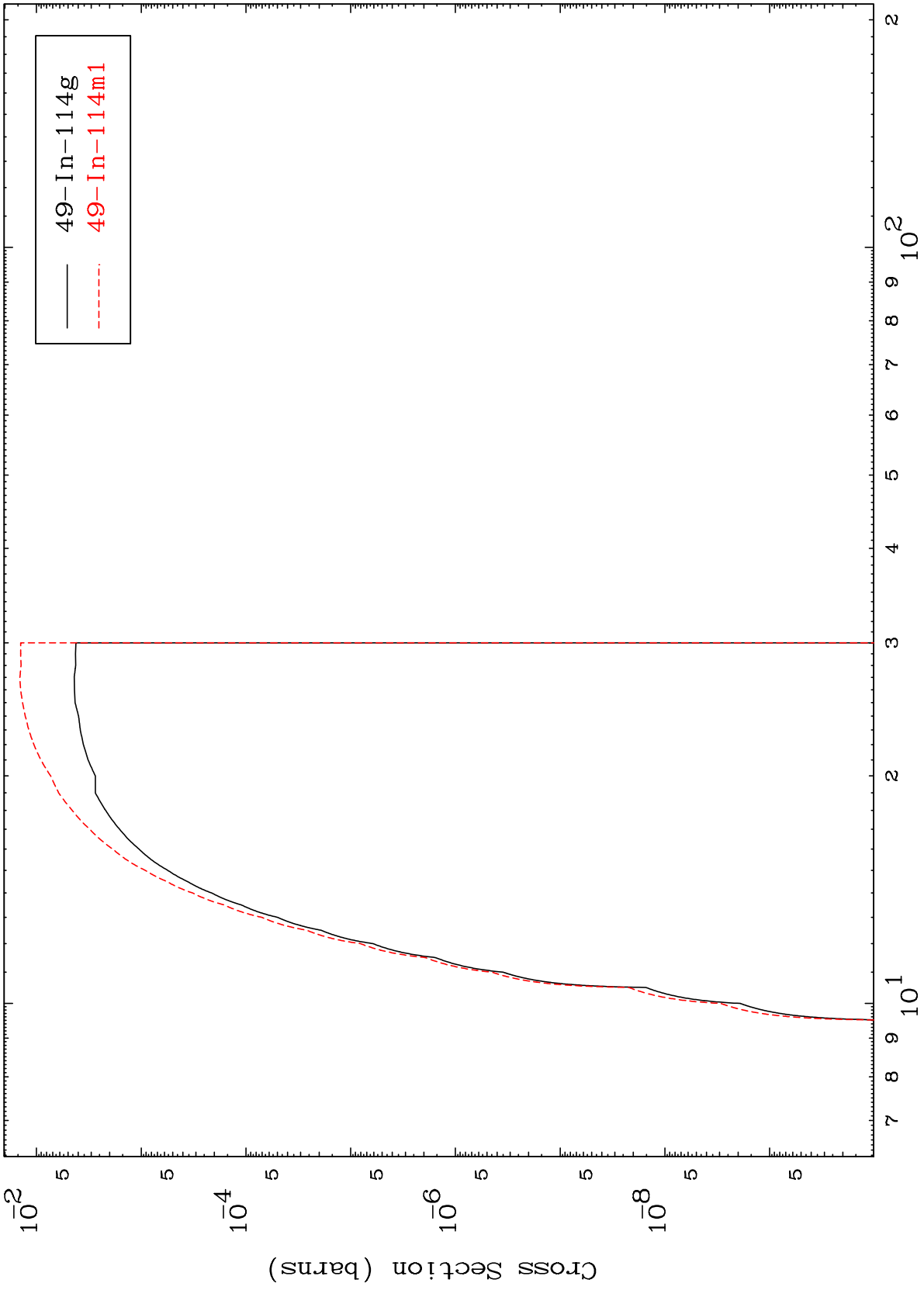


MAT 5034

(n,d)

50-Sn-115

Radionuclide Production Cross Section



127

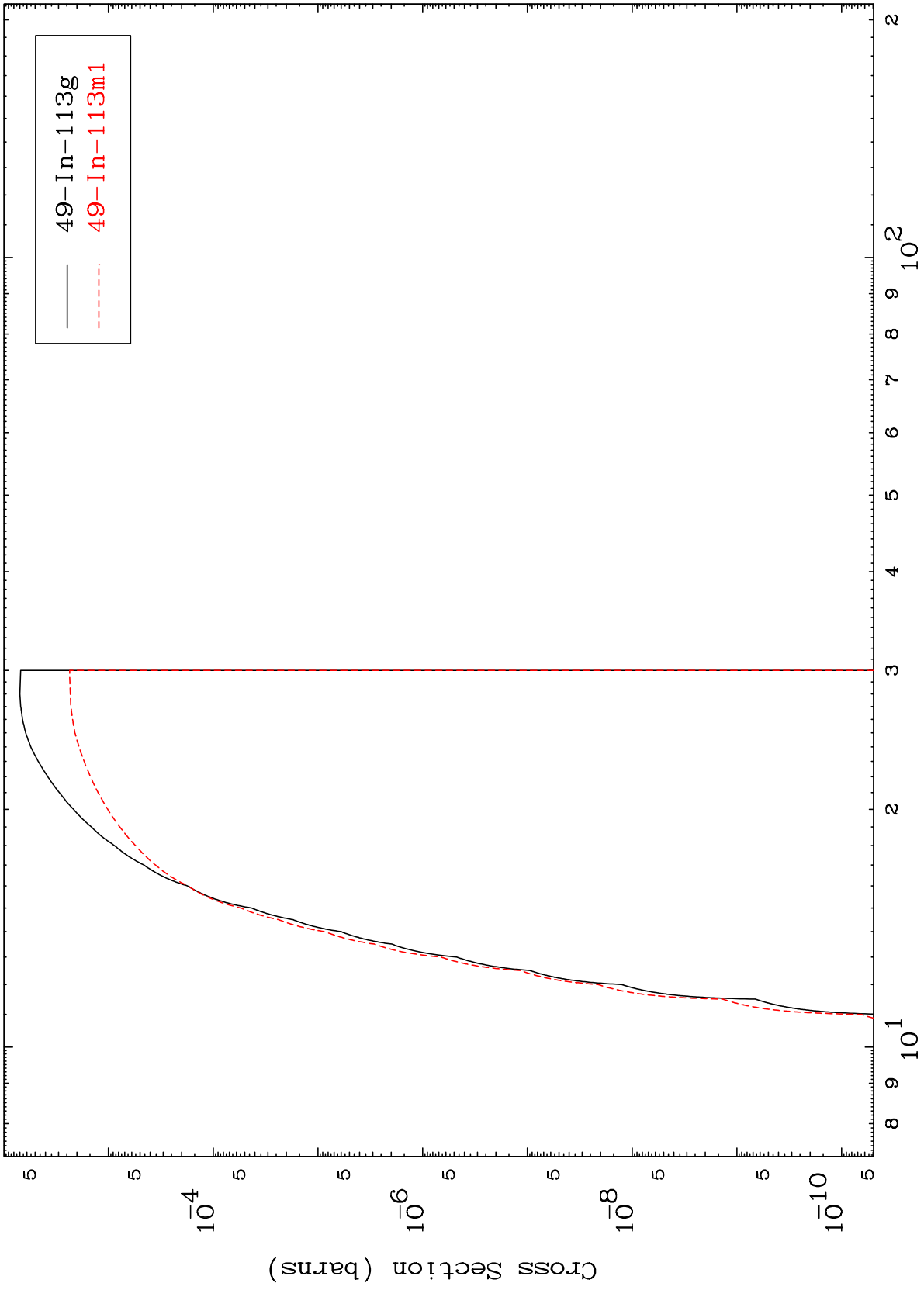
Incident Energy (MeV)

50-Sn-115

MAT 5034

50-Sn-115

(n, t)
Radionuclide Production Cross Section



128

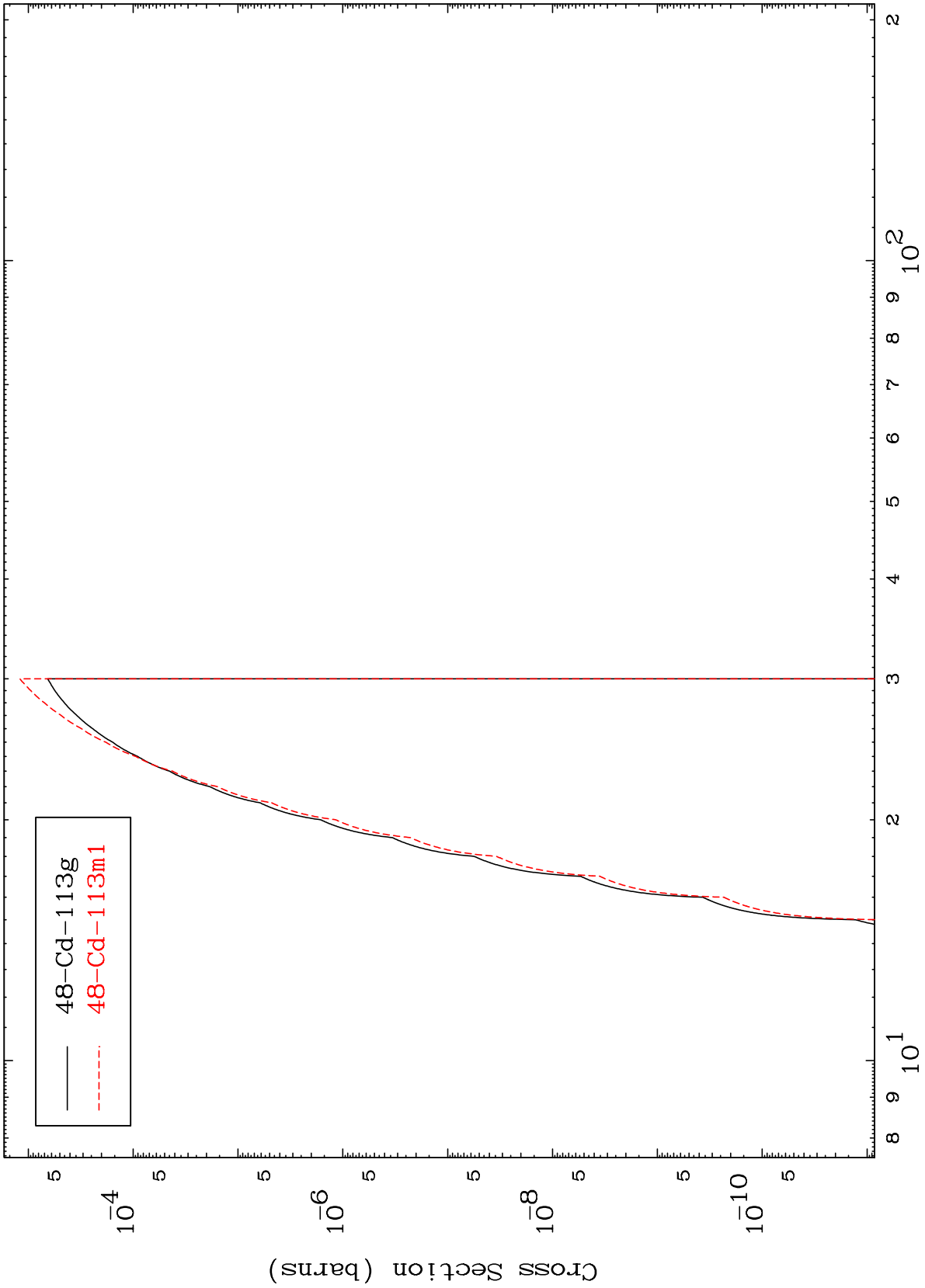
50-Sn-115

MAT 5034

(n,He-3)

50-Sn-115

Radionuclide Production Cross Section



129

Incident Energy (MeV)

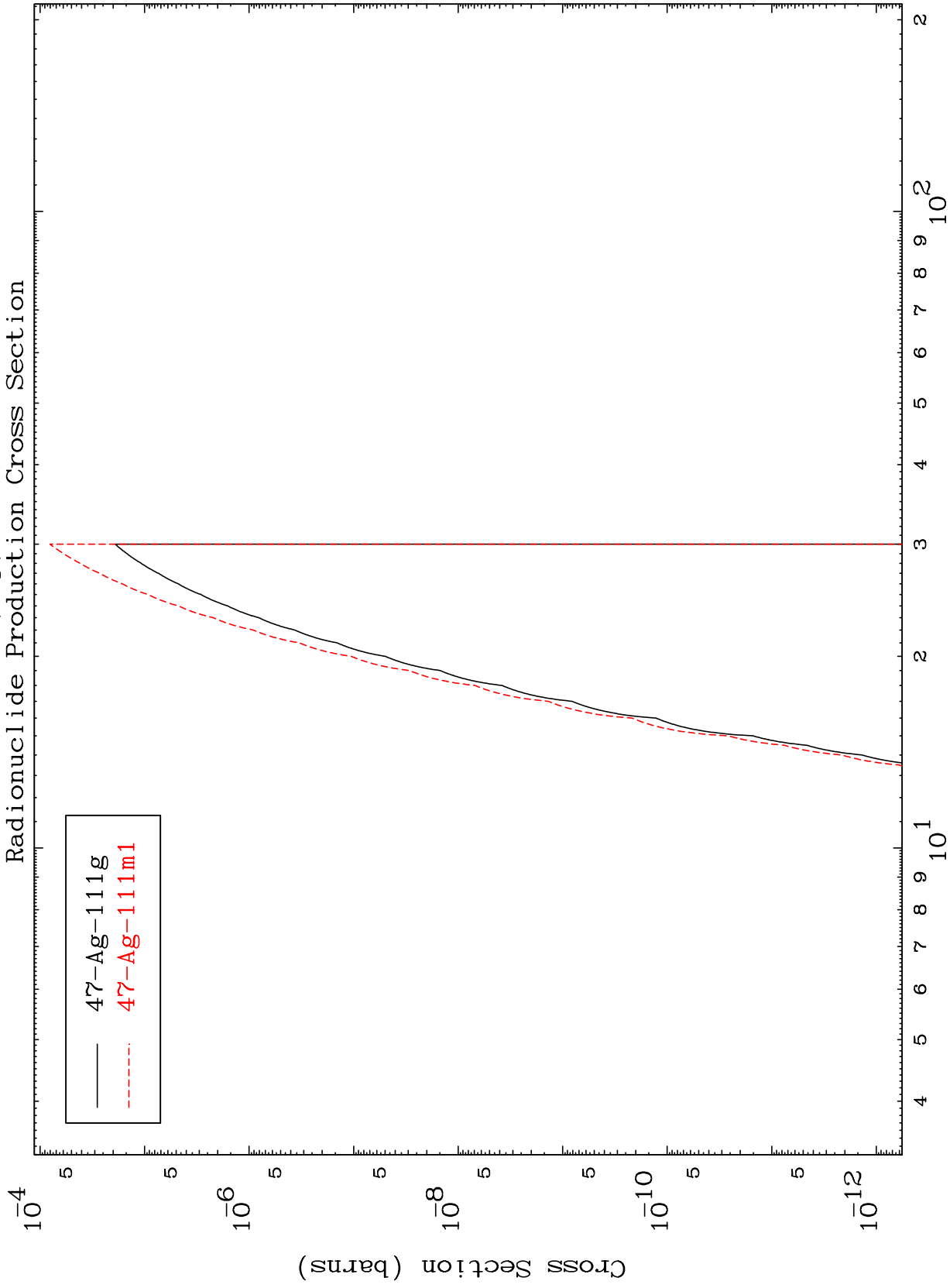
50-Sn-115

MAT 5034

(n,p) α

50-Sn-115

Radionuclide Production Cross Section



130

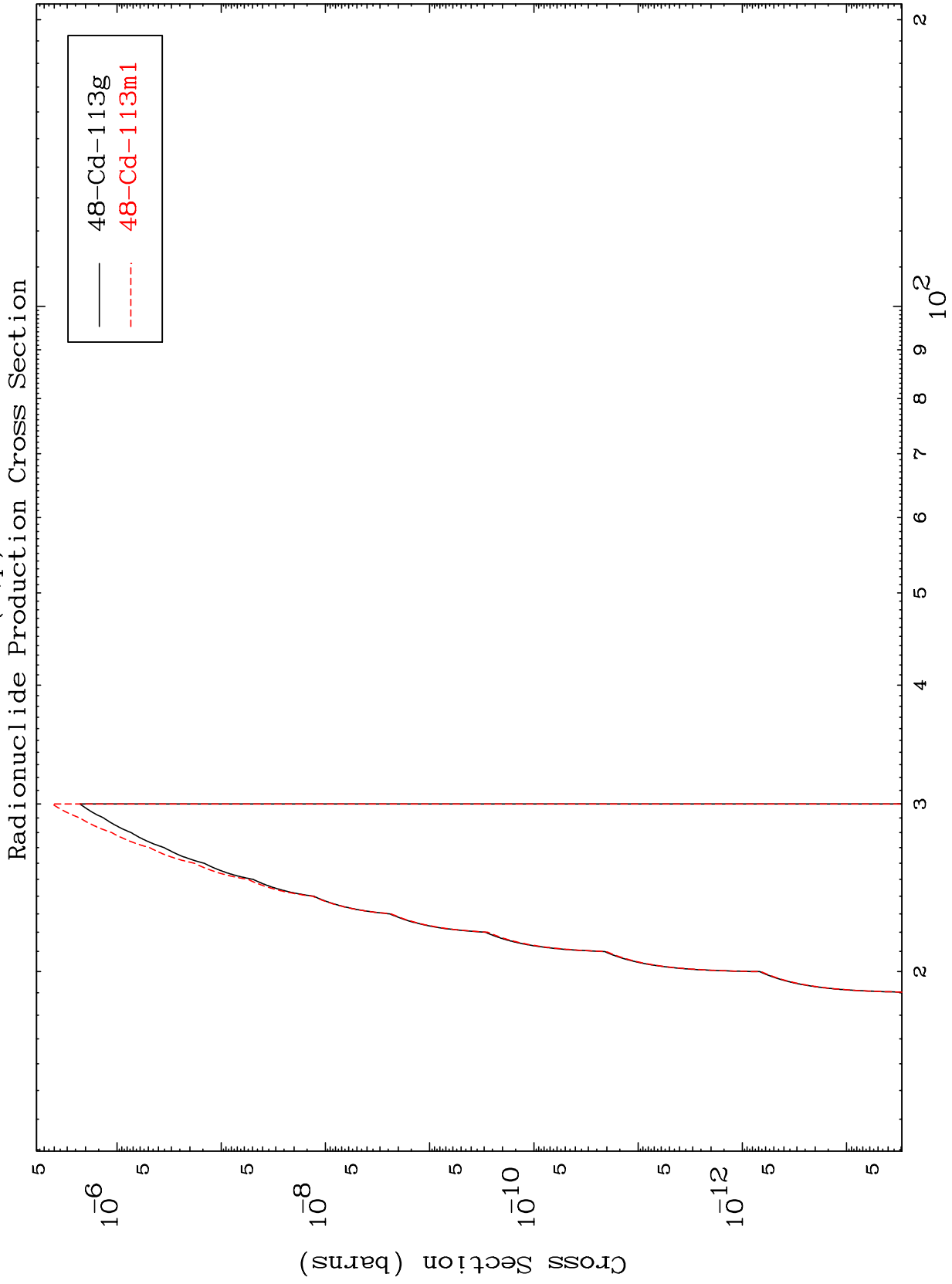
Incident Energy (MeV)

50-Sn-115

MAT 5034

(n,p) d

50-Sn-115



131

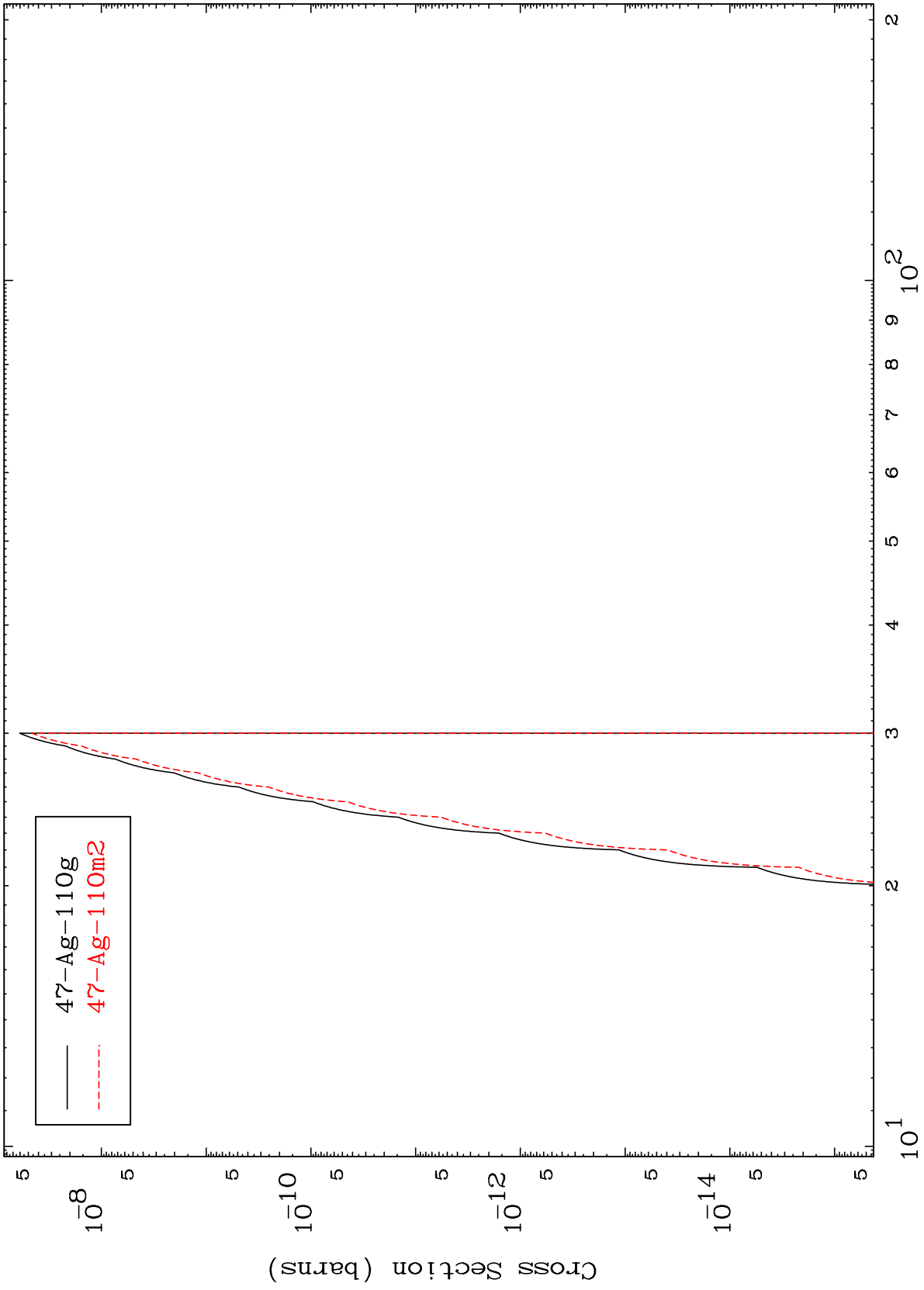
50-Sn-115

MAT 5034

(n,d) α

50-Sn-115

Radionuclide Production Cross Section



132

Incident Energy (MeV)

50-Sn-115