

Program EVALPLOT
(Version 2018-1)

by

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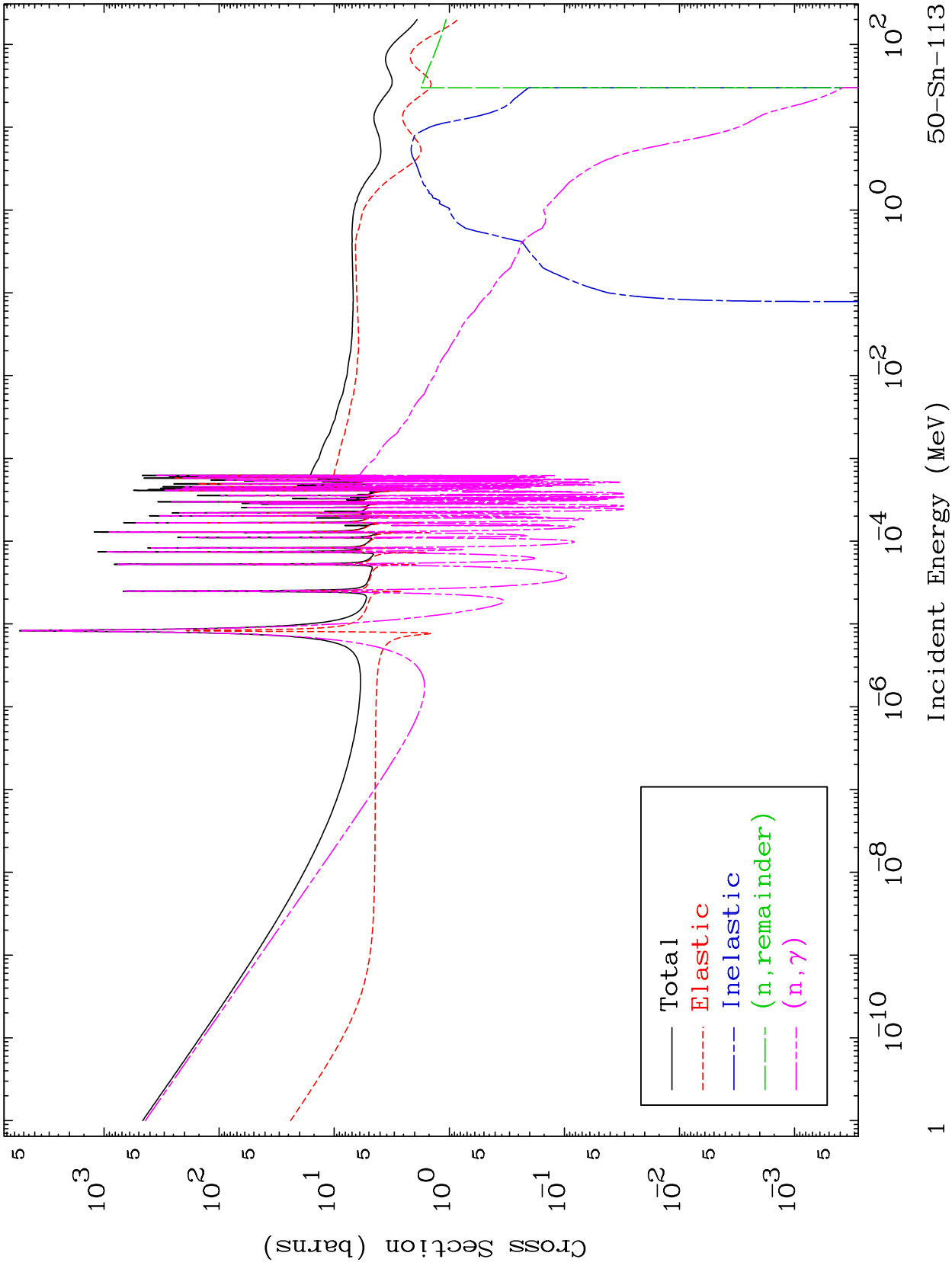
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Web: redcullen1.net/HOMEPAGE.NEW

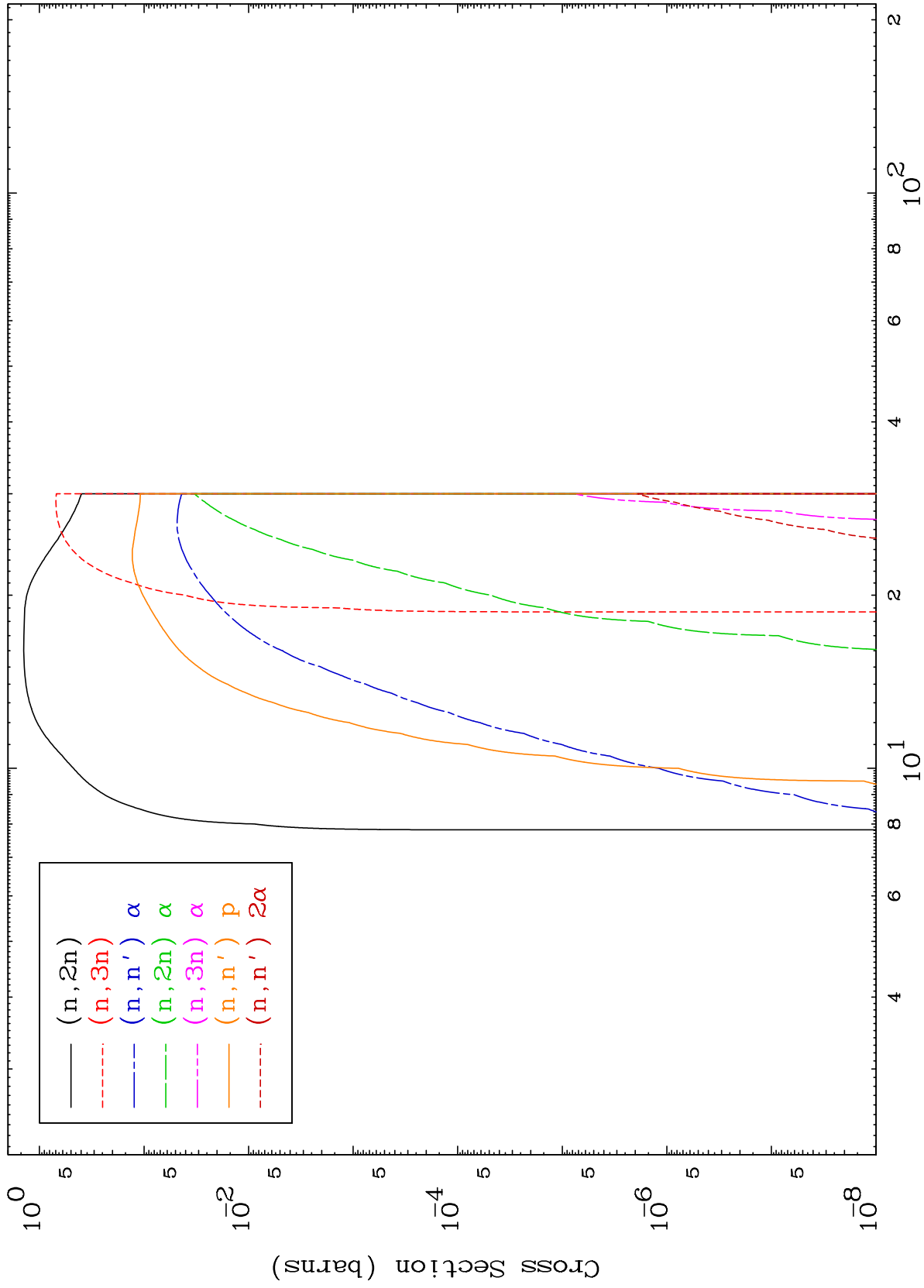
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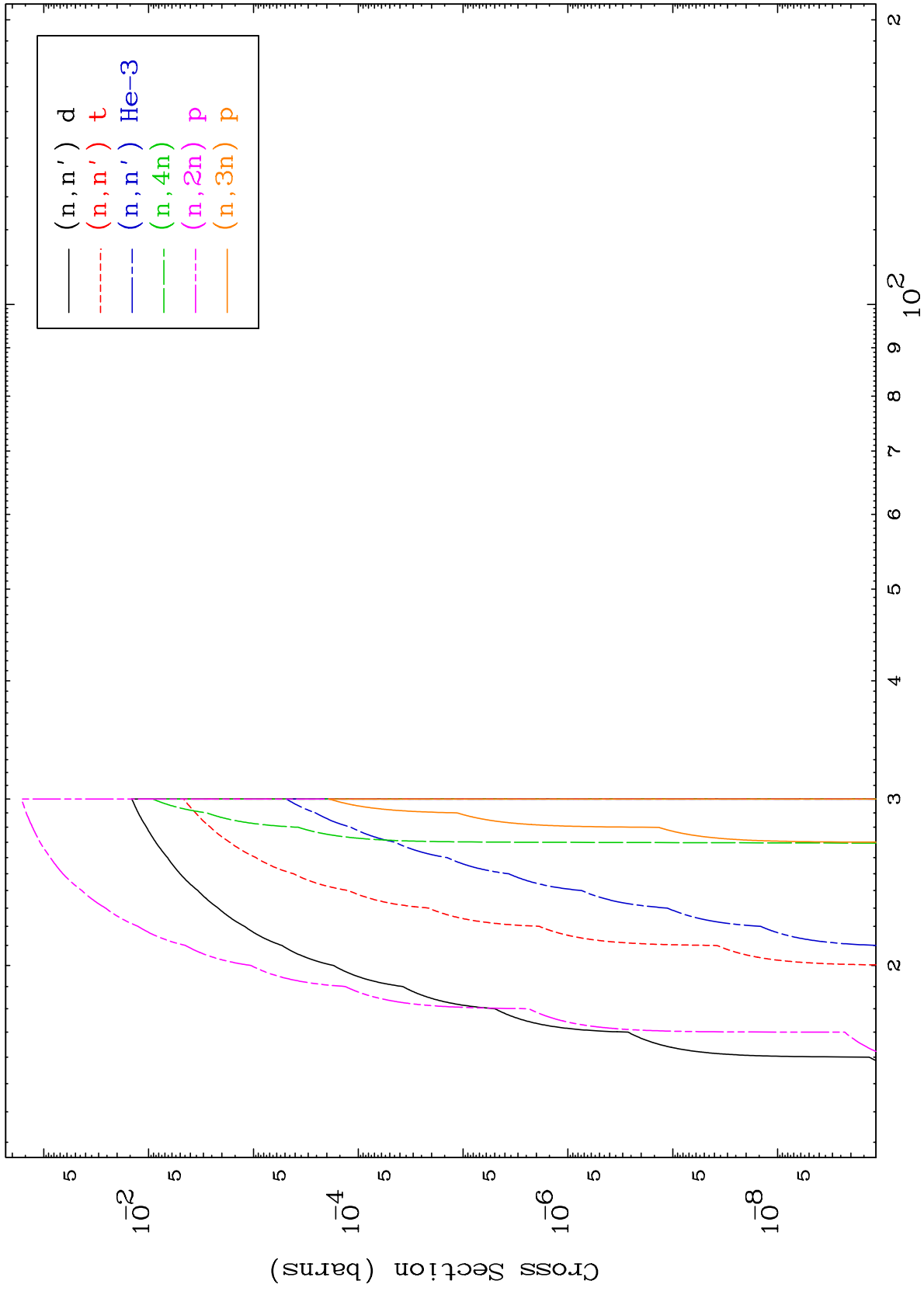
MAT 5028

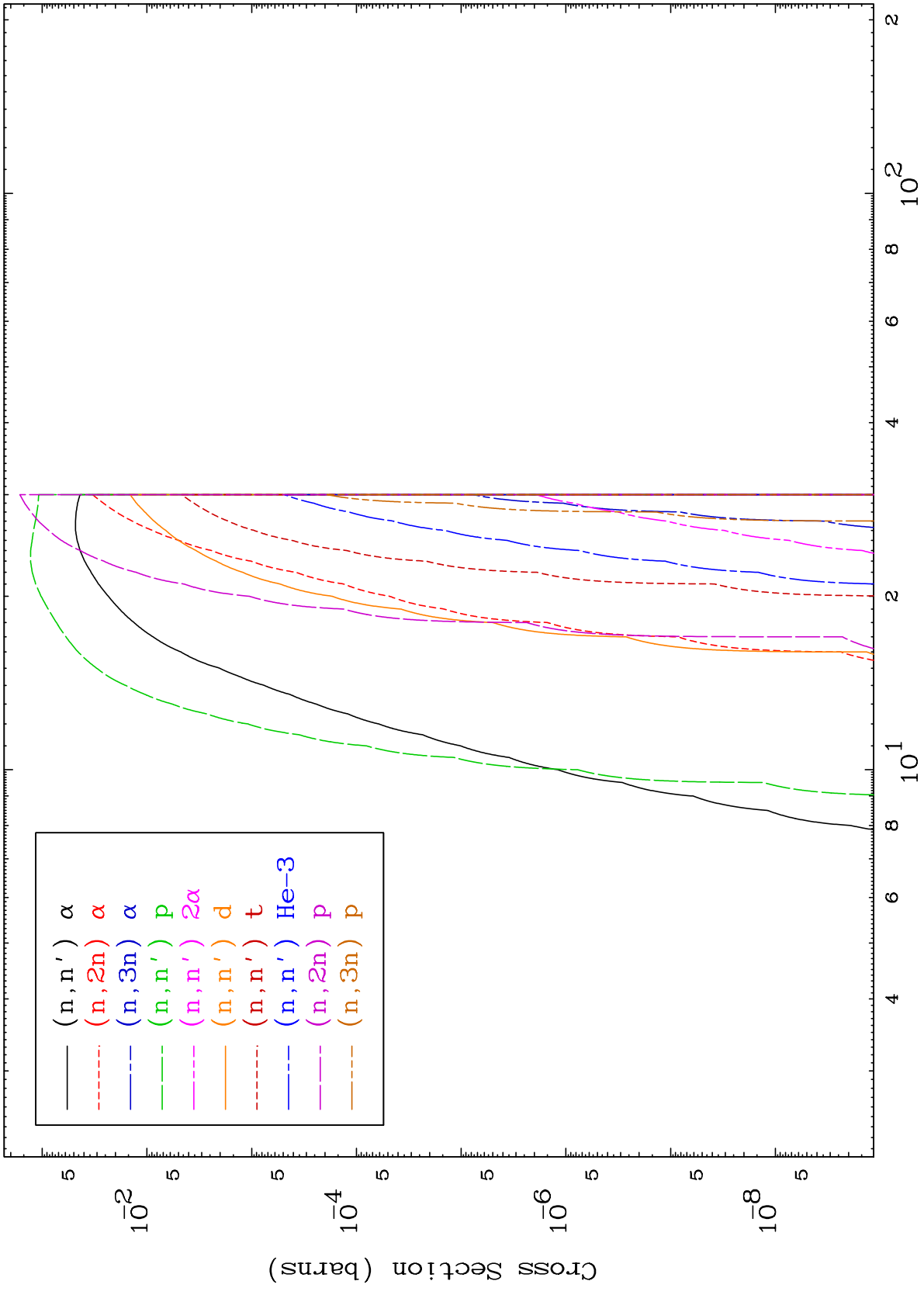
Major
293 Kelvin Cross Sections

50-Sn-113





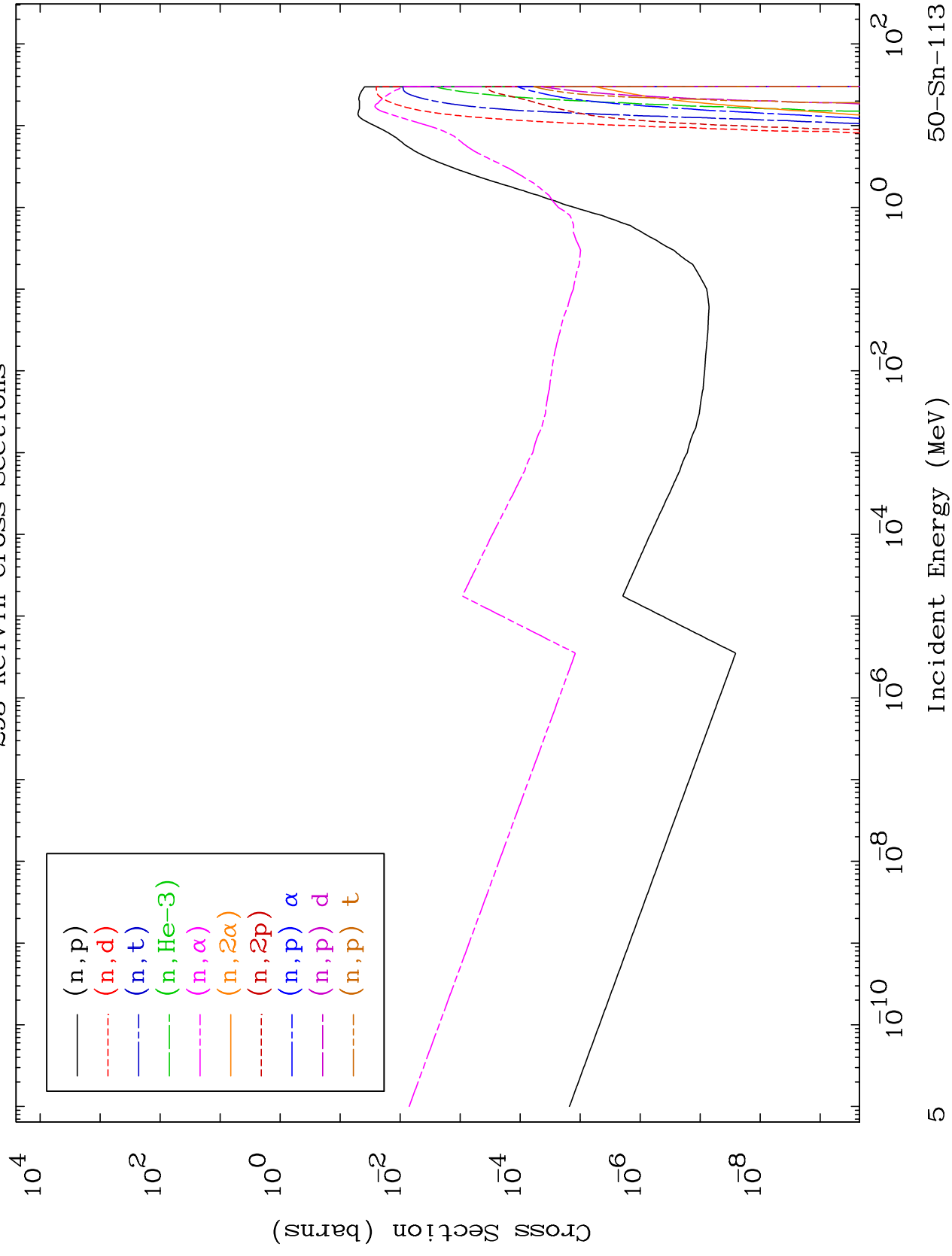


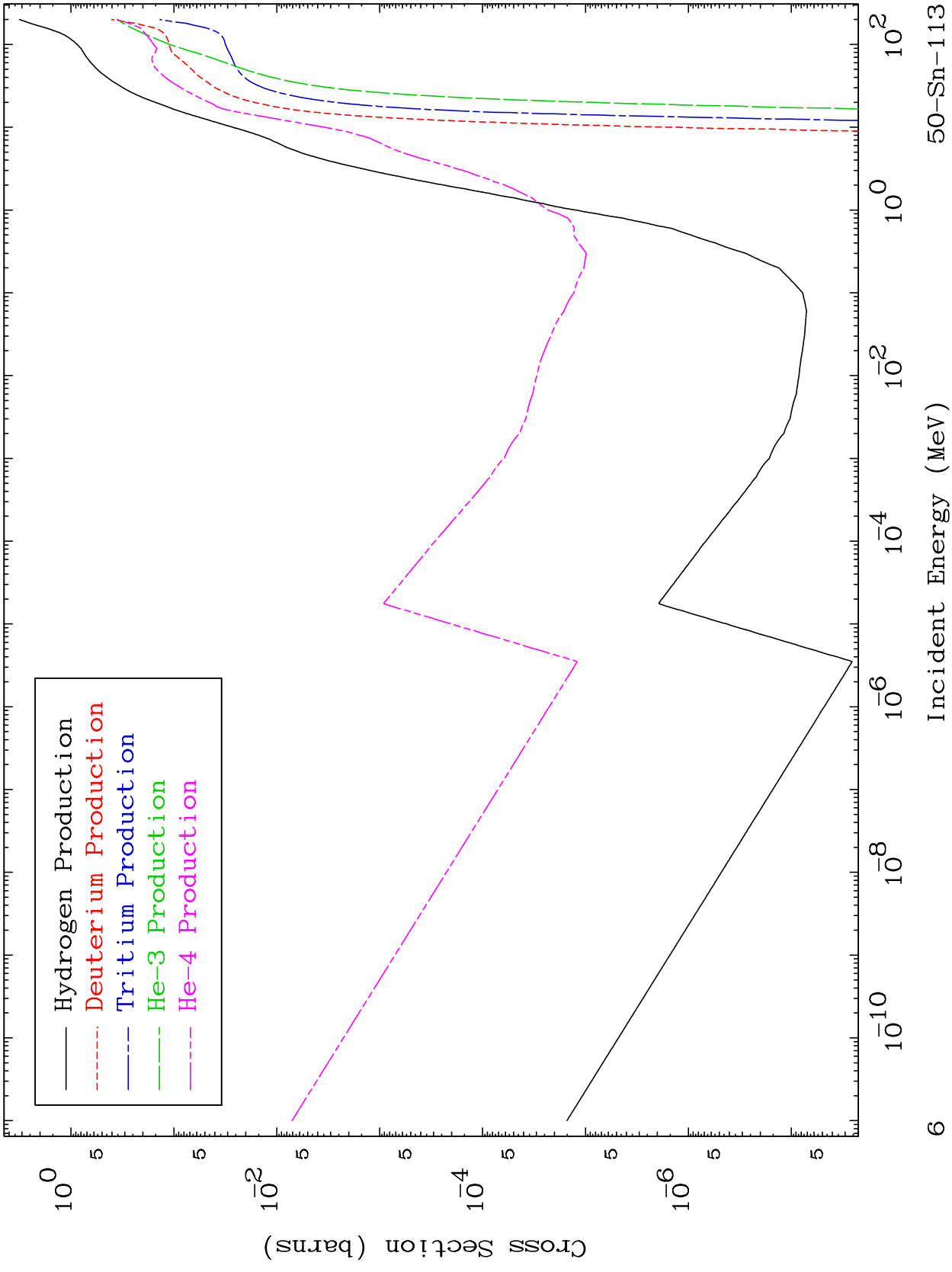


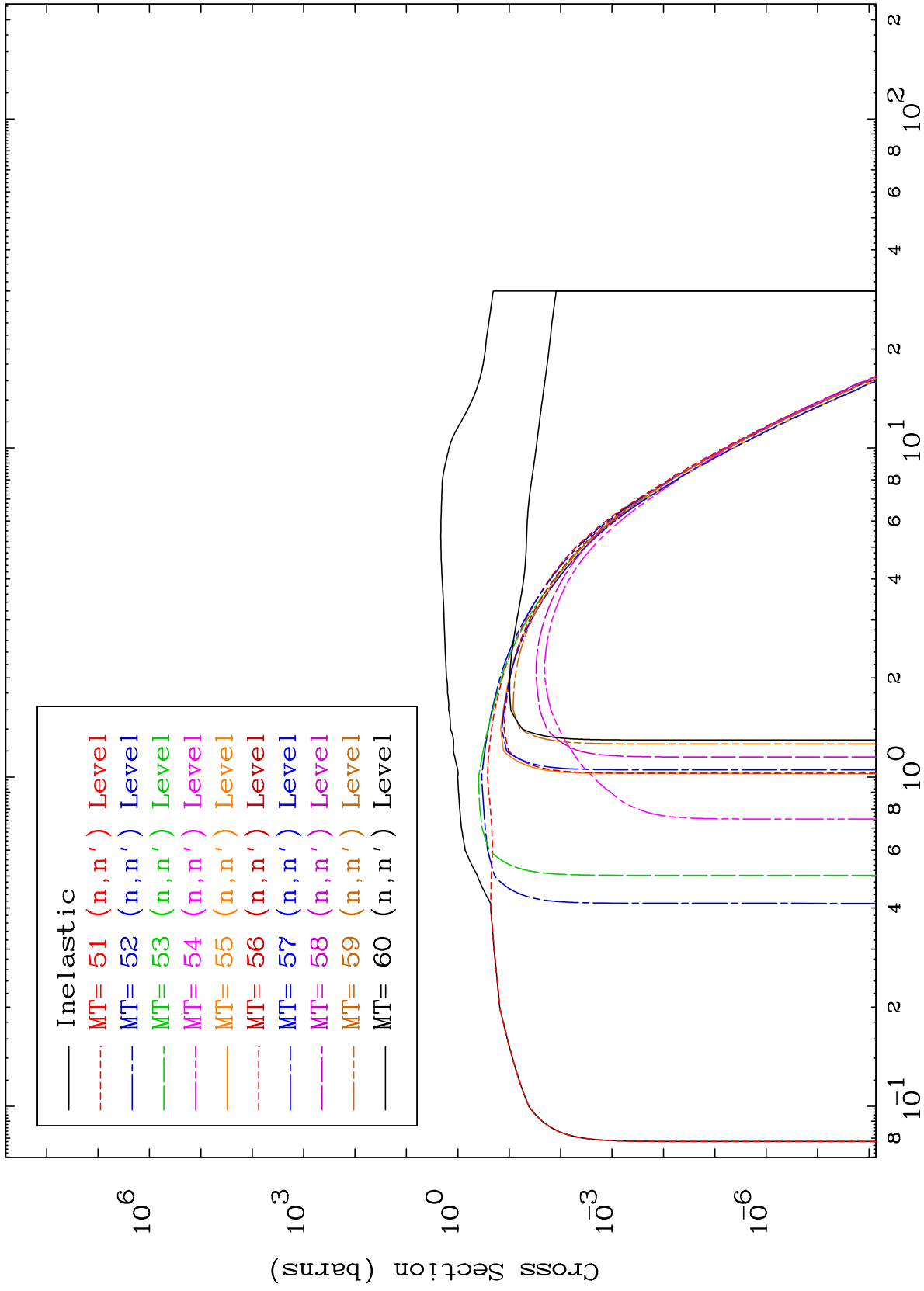
MAT 5028

293 Kelvin Cross Sections

50-Sn-113





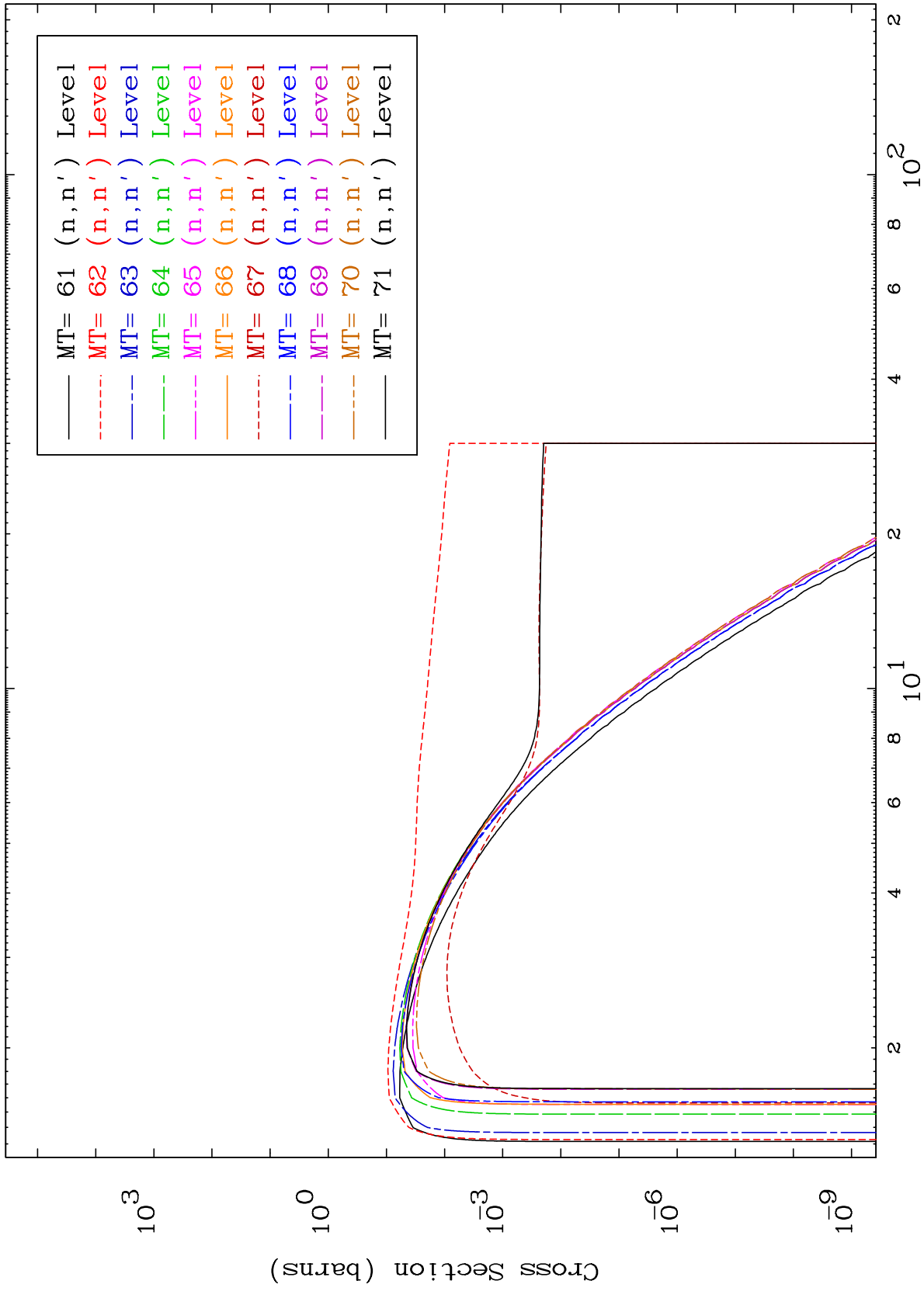


MAT 5028

(n,n') Level

50-Sn-113

293 Kelvin Cross Sections



8

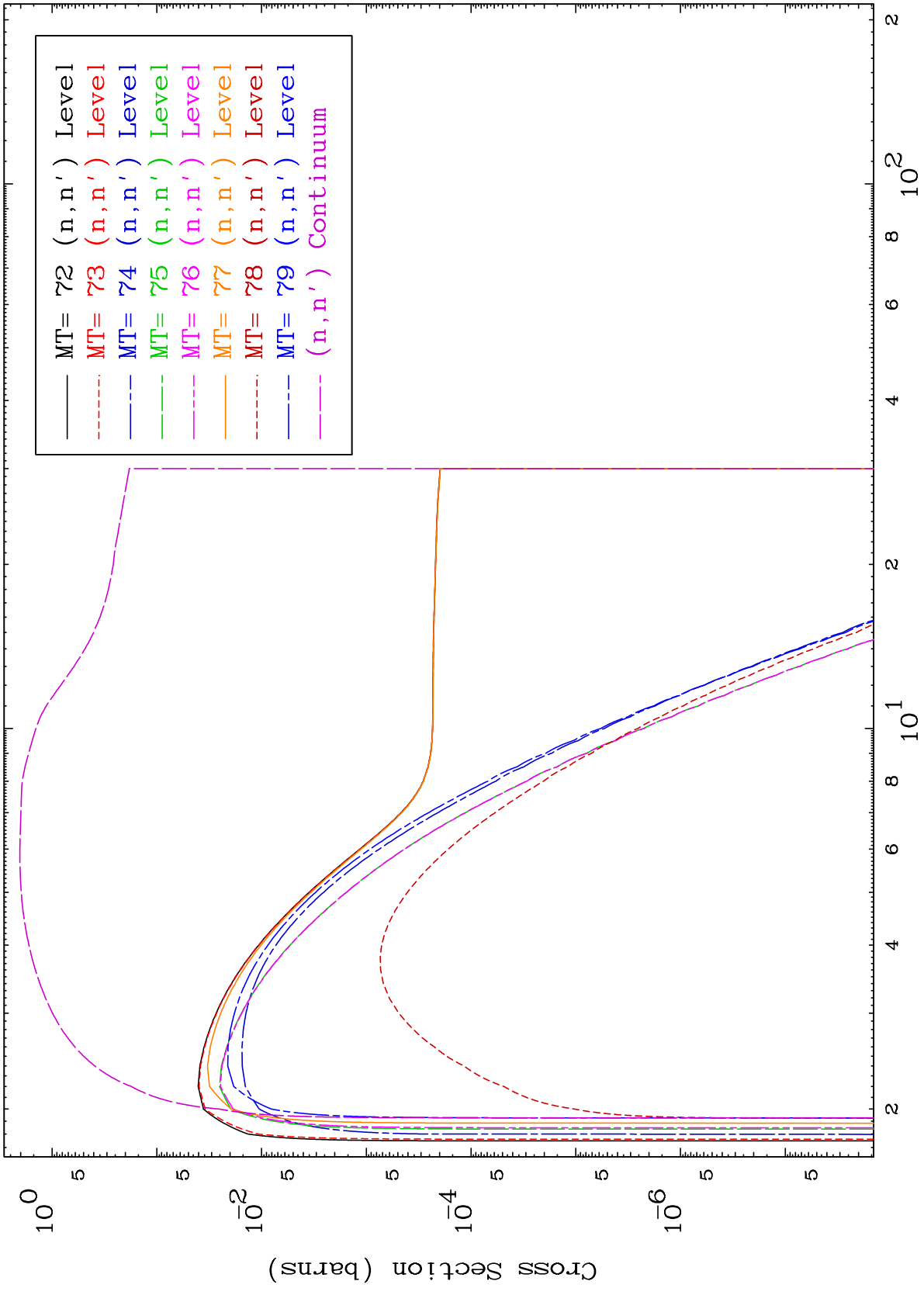
Incident Energy (MeV)

50-Sn-113

MAT 5028

(n,n') Level
293 Kelvin Cross Sections

50-Sn-113



9

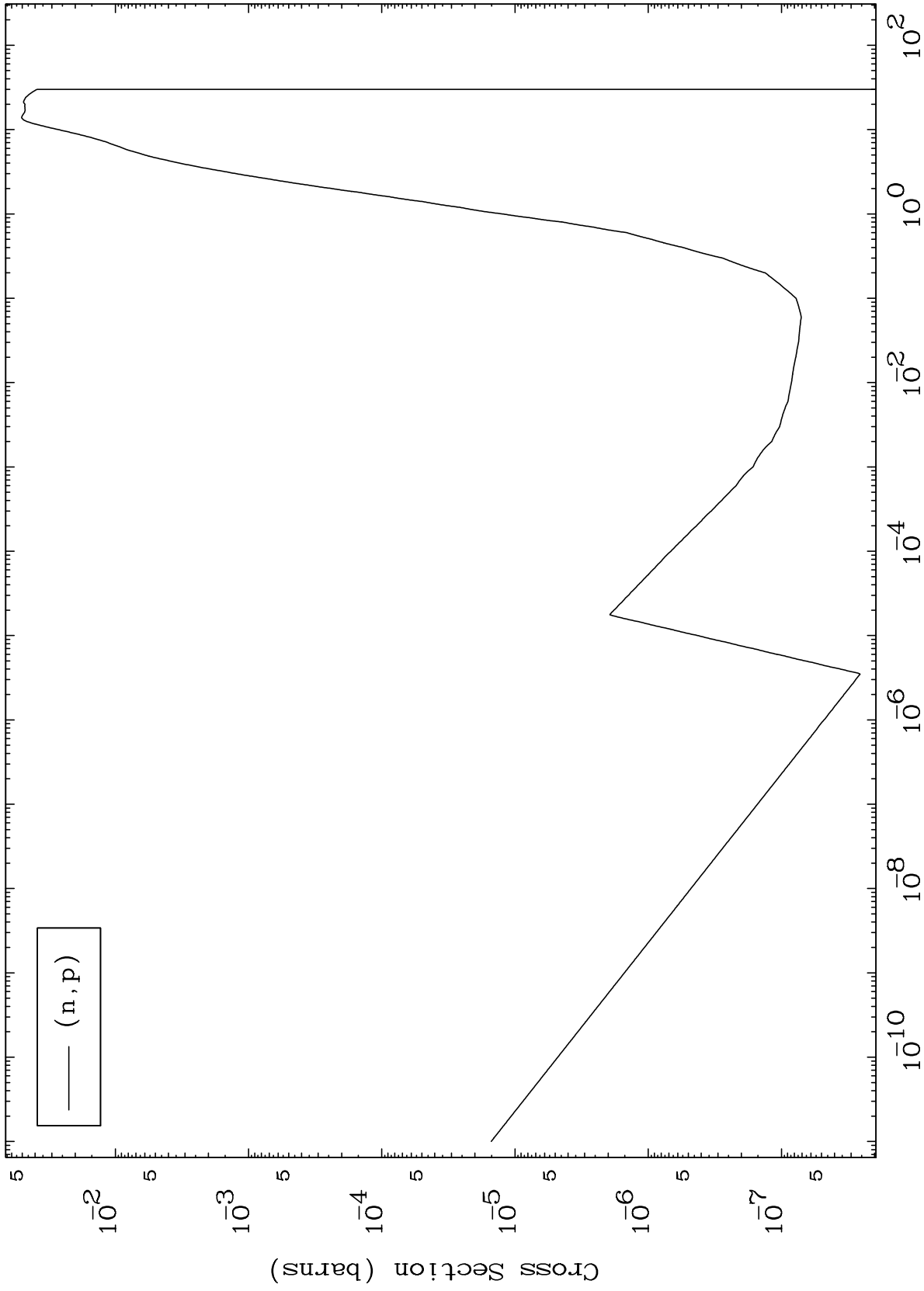
Incident Energy (MeV)

50-Sn-113

MAT 5028

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-113



10

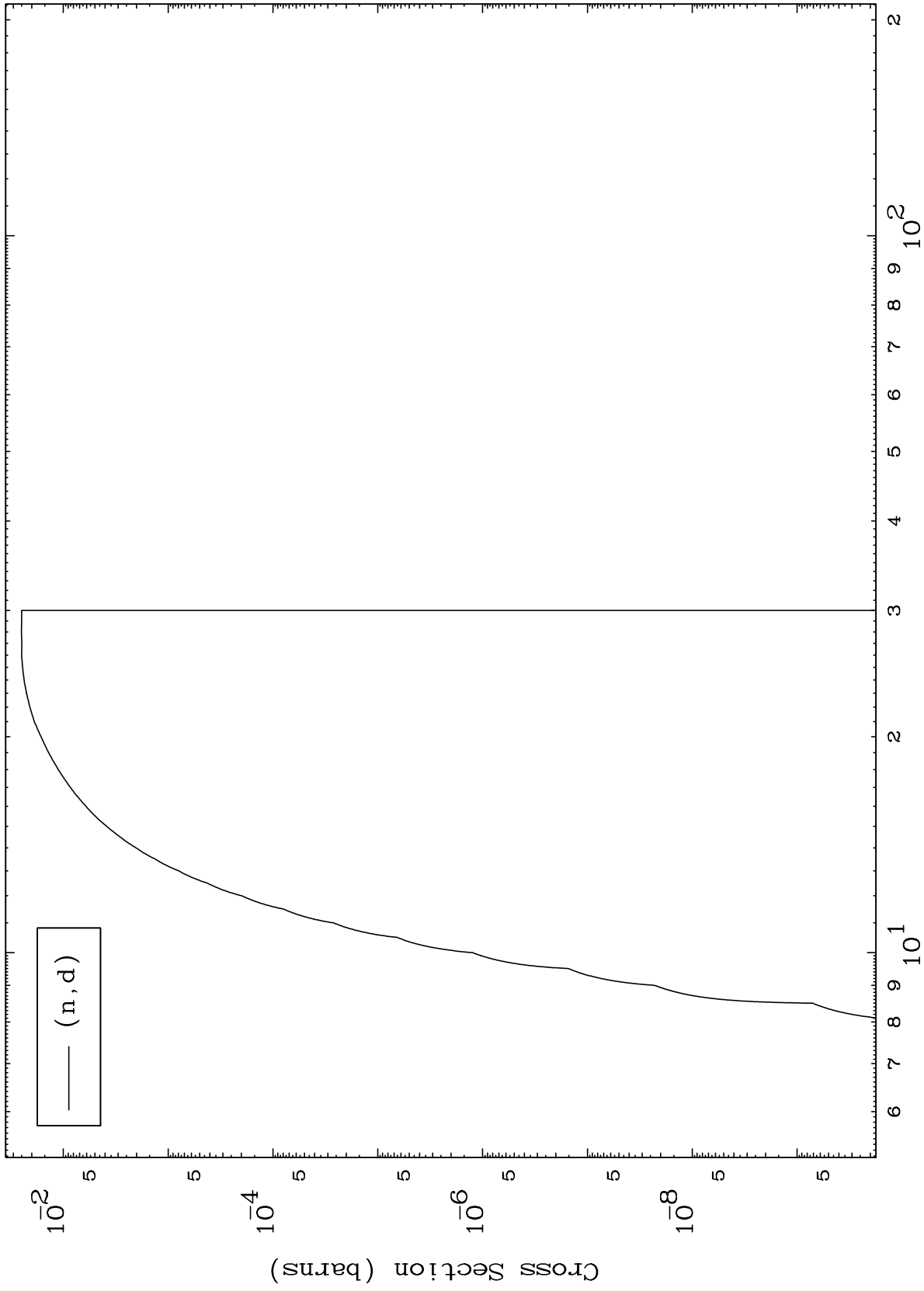
Incident Energy (MeV)

50-Sn-113

MAT 5028

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-113



11

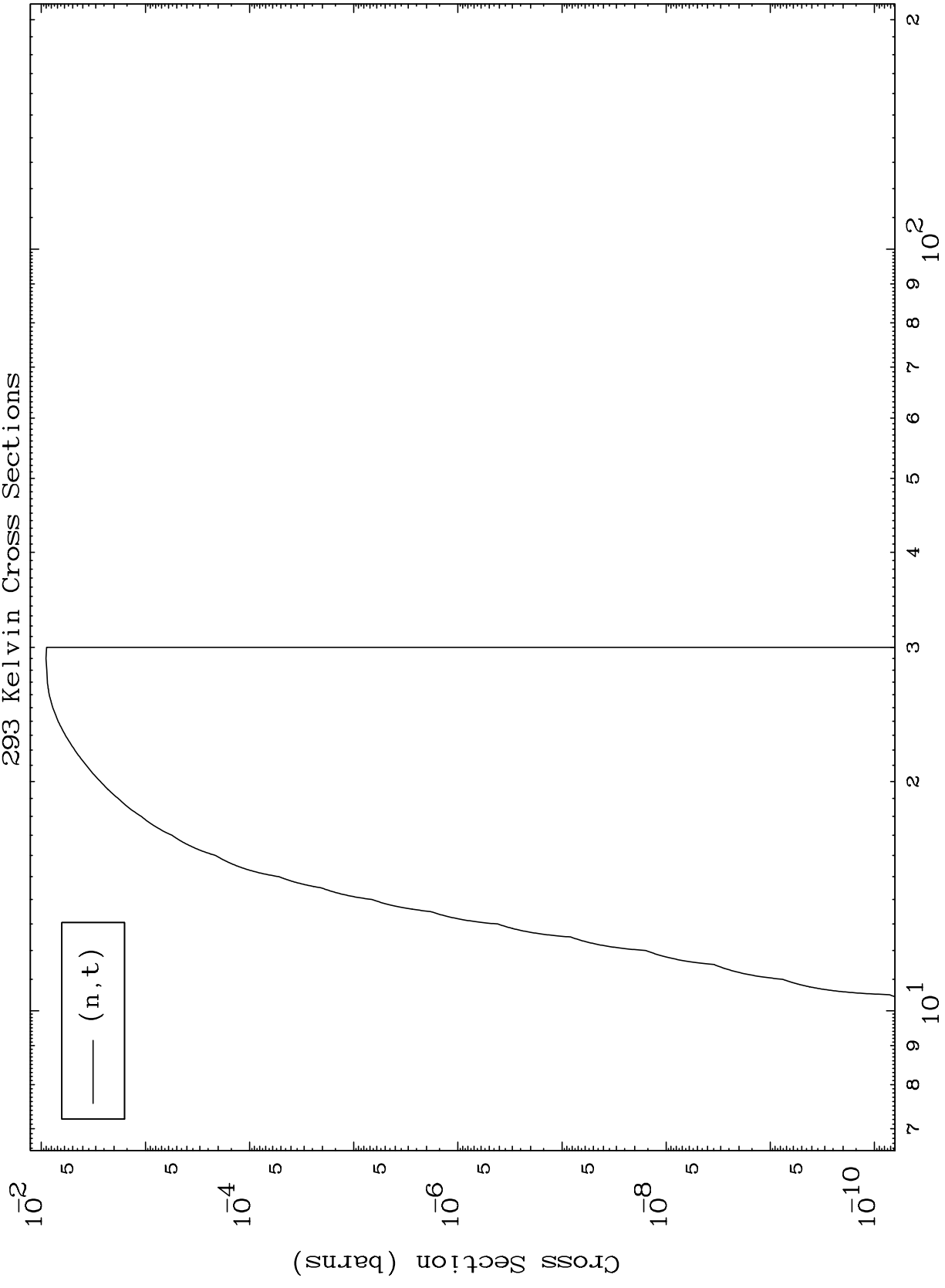
Incident Energy (MeV)

50-Sn-113

MAT 5028

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-113



12

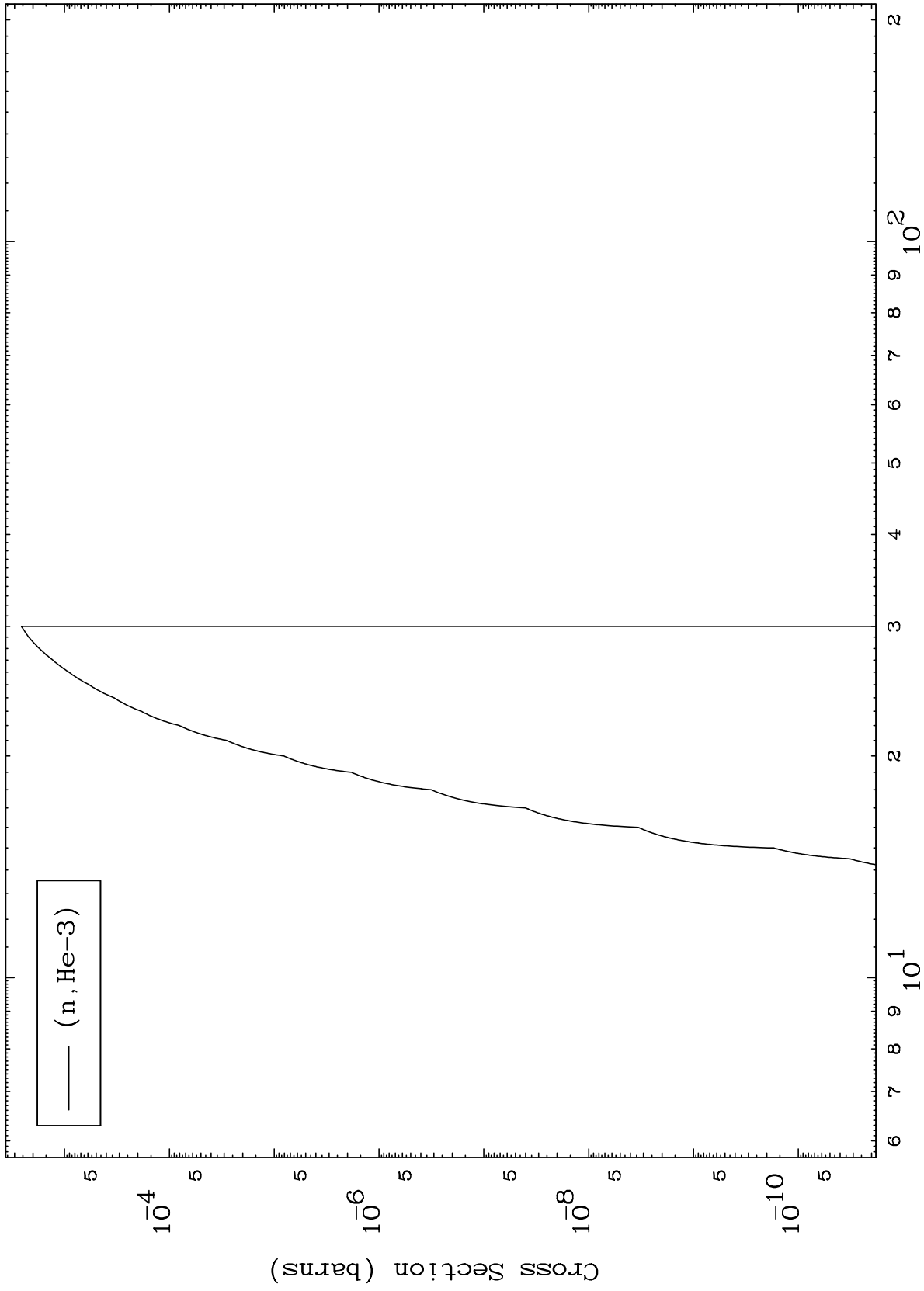
Incident Energy (MeV)

50-Sn-113

MAT 5028

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-113



13

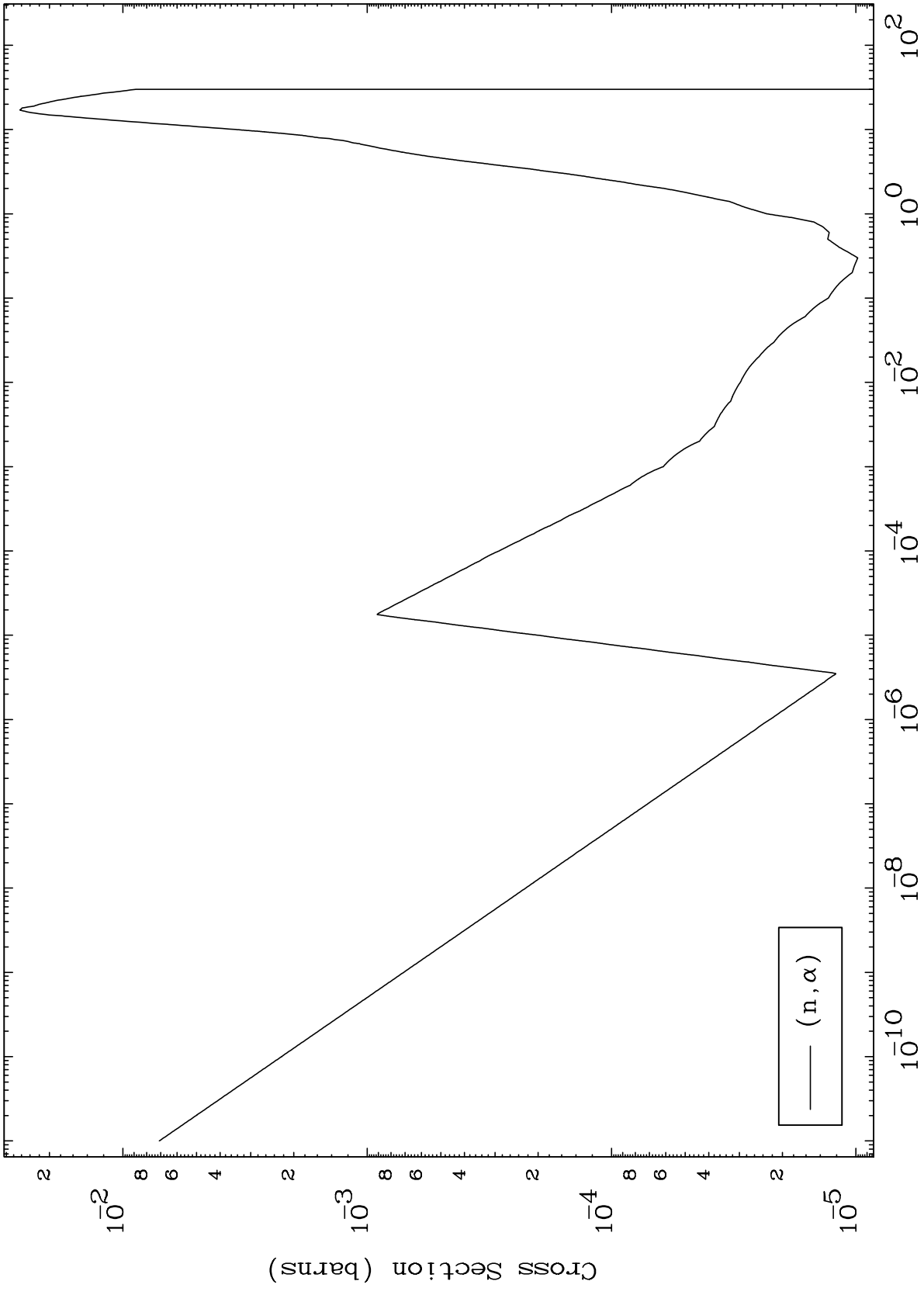
Incident Energy (MeV)

50-Sn-113

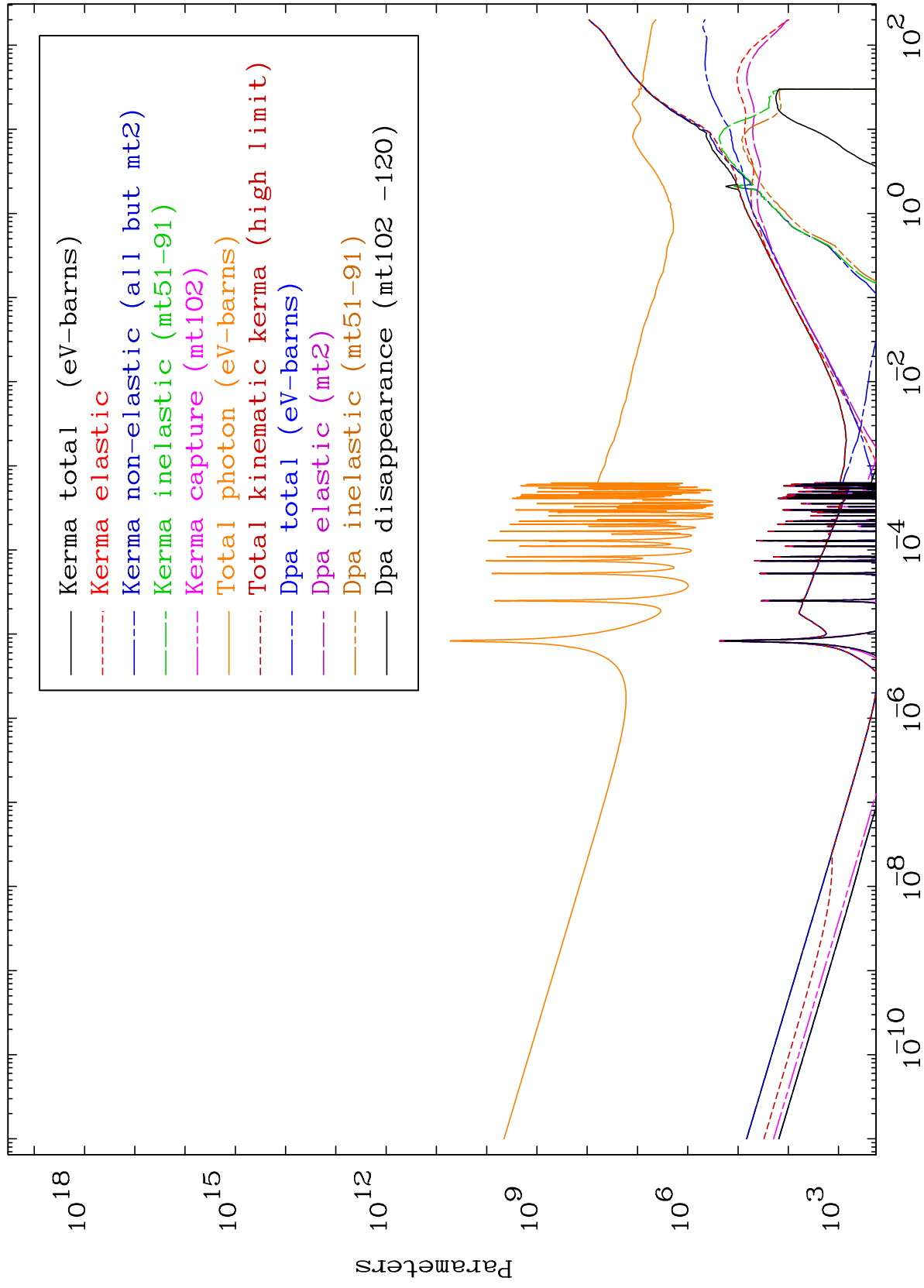
MAT 5028

(n,α) Levels
293 Kelvin Cross Sections

50-Sn-113



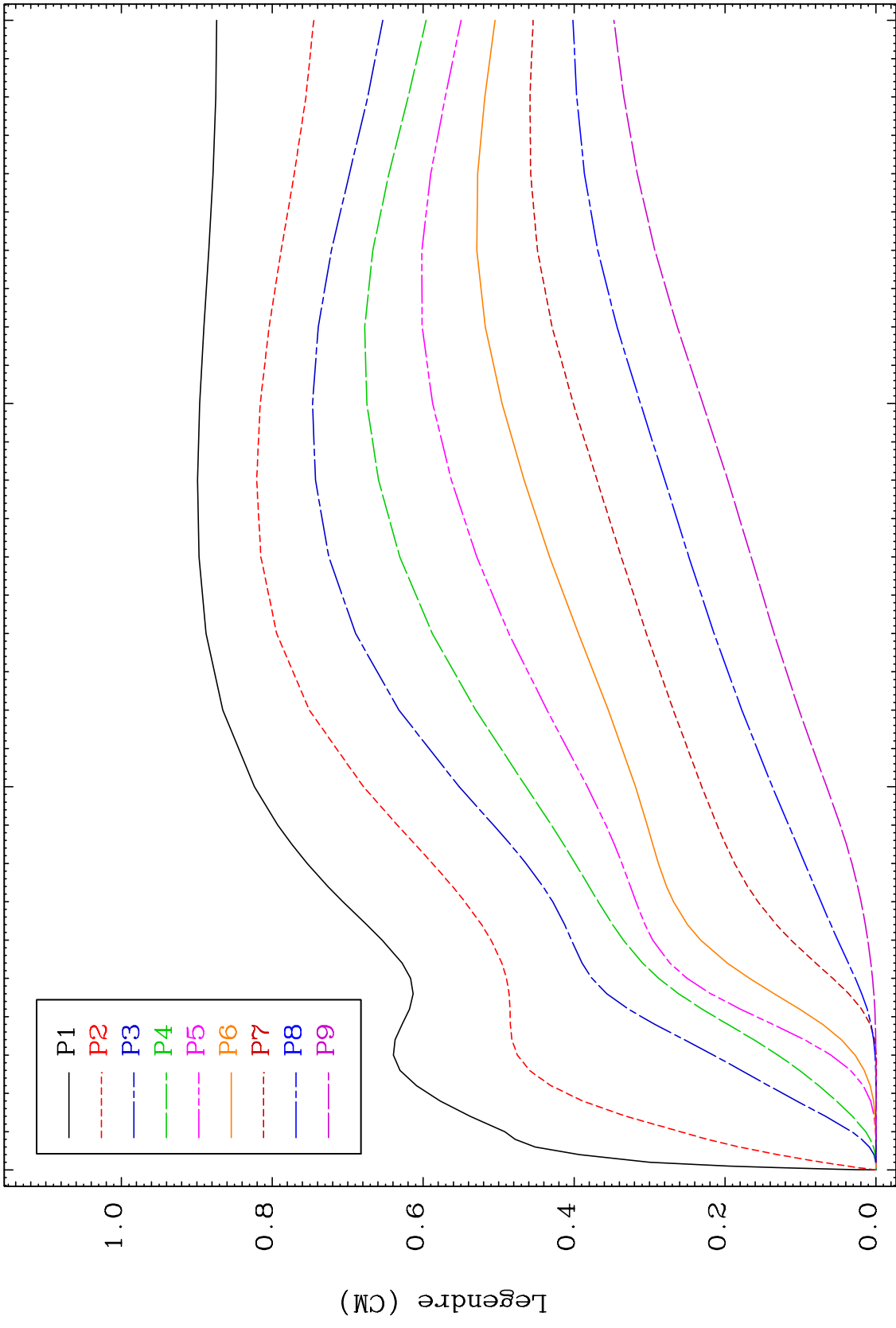
50-Sn-113



MAT 5028

Elastic Legendre Coefficients

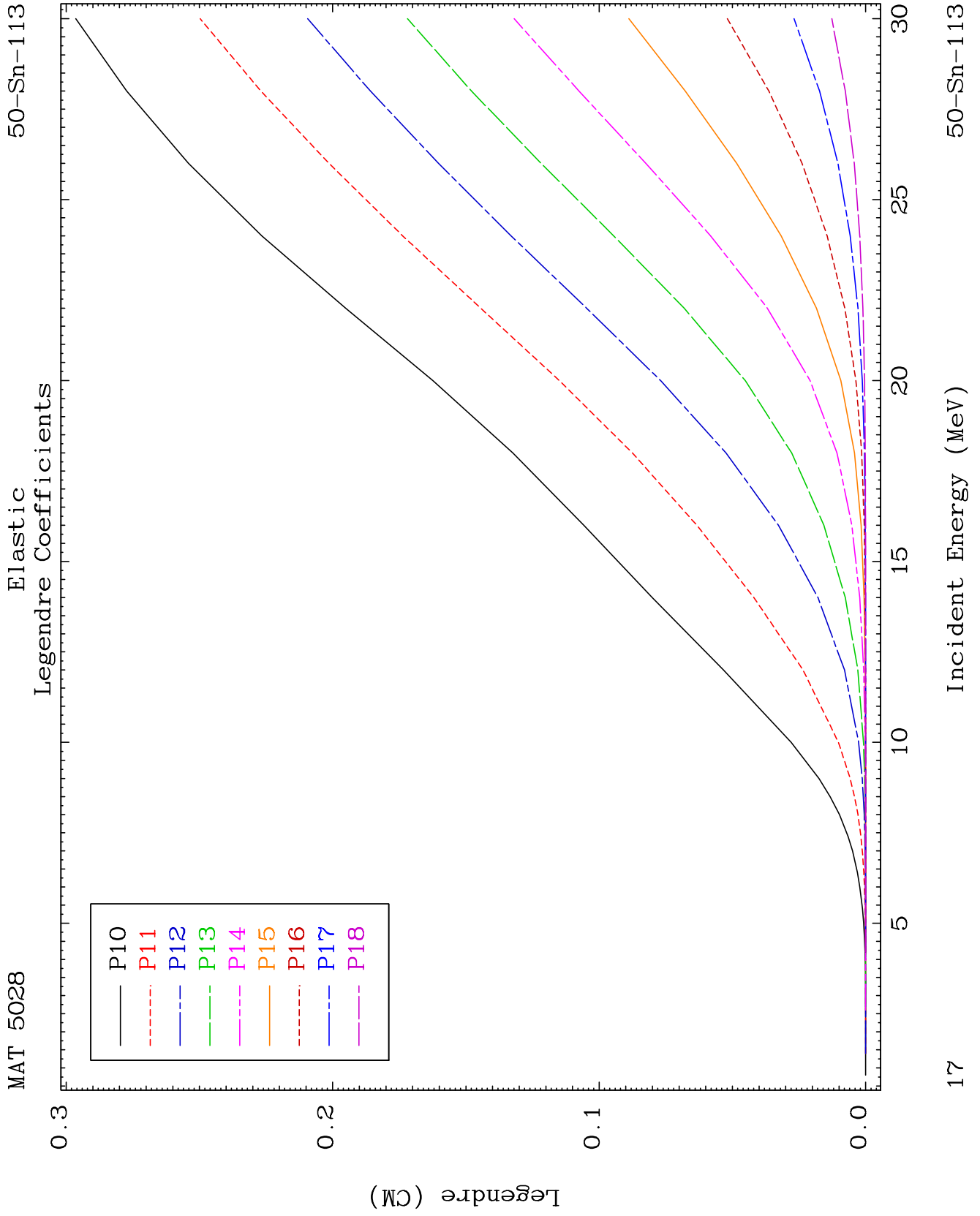
50-Sn-113



16

Incident Energy (MeV)

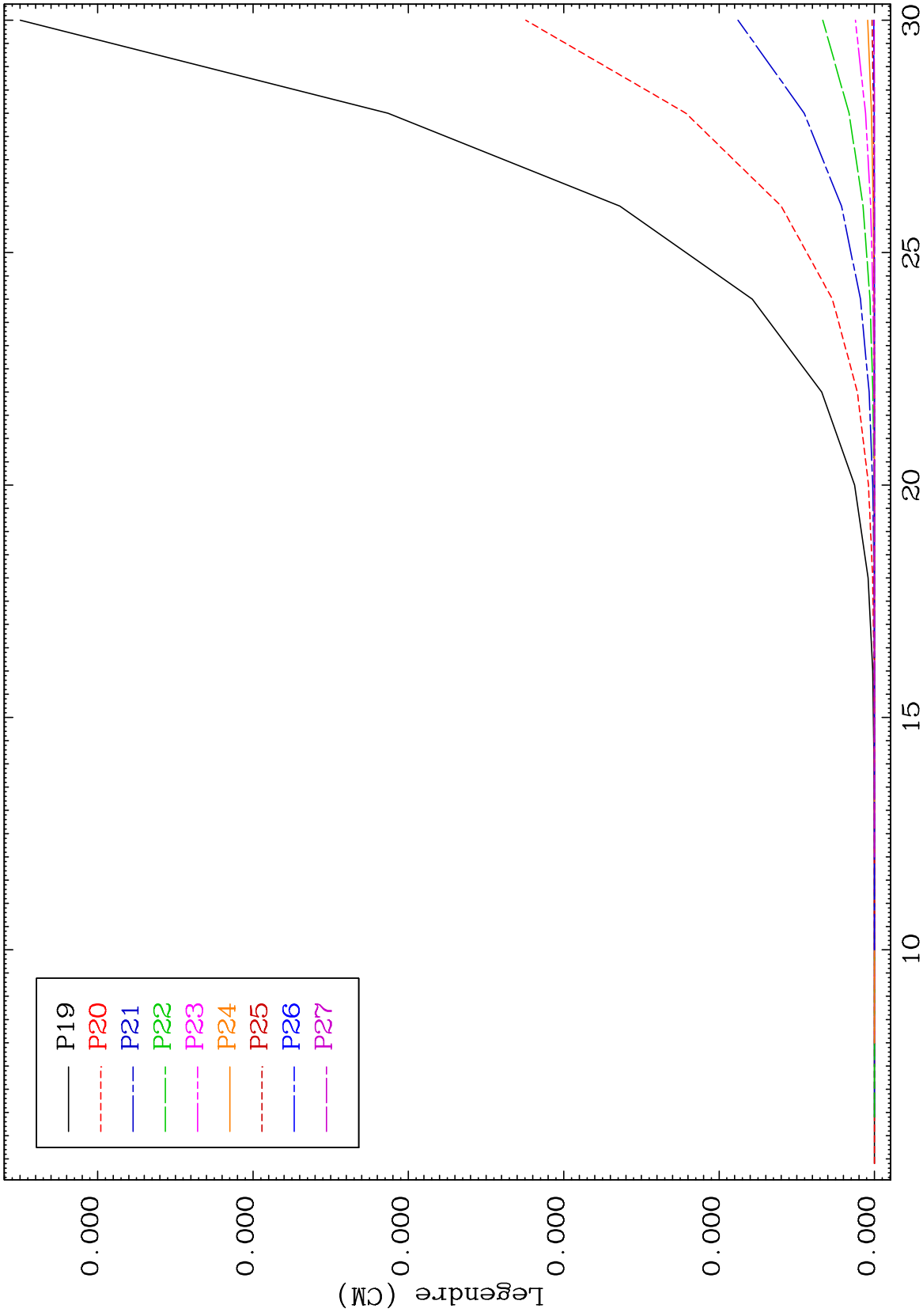
50-Sn-113



MAT 5028

Elastic Legendre Coefficients

50-Sn-113



18

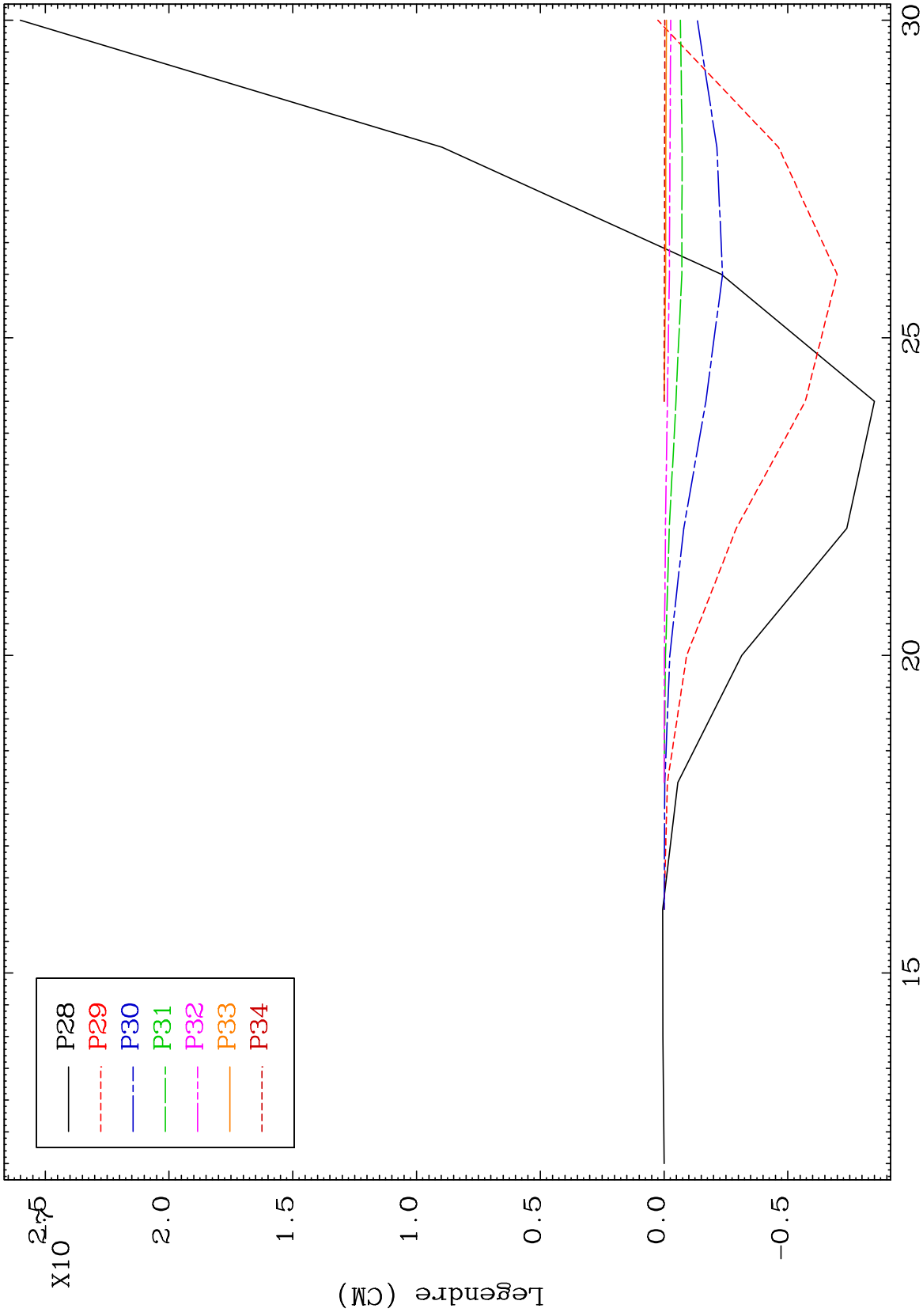
Incident Energy (MeV)

50-Sn-113

MAT 5028

Elastic Legendre Coefficients

50-Sn-113

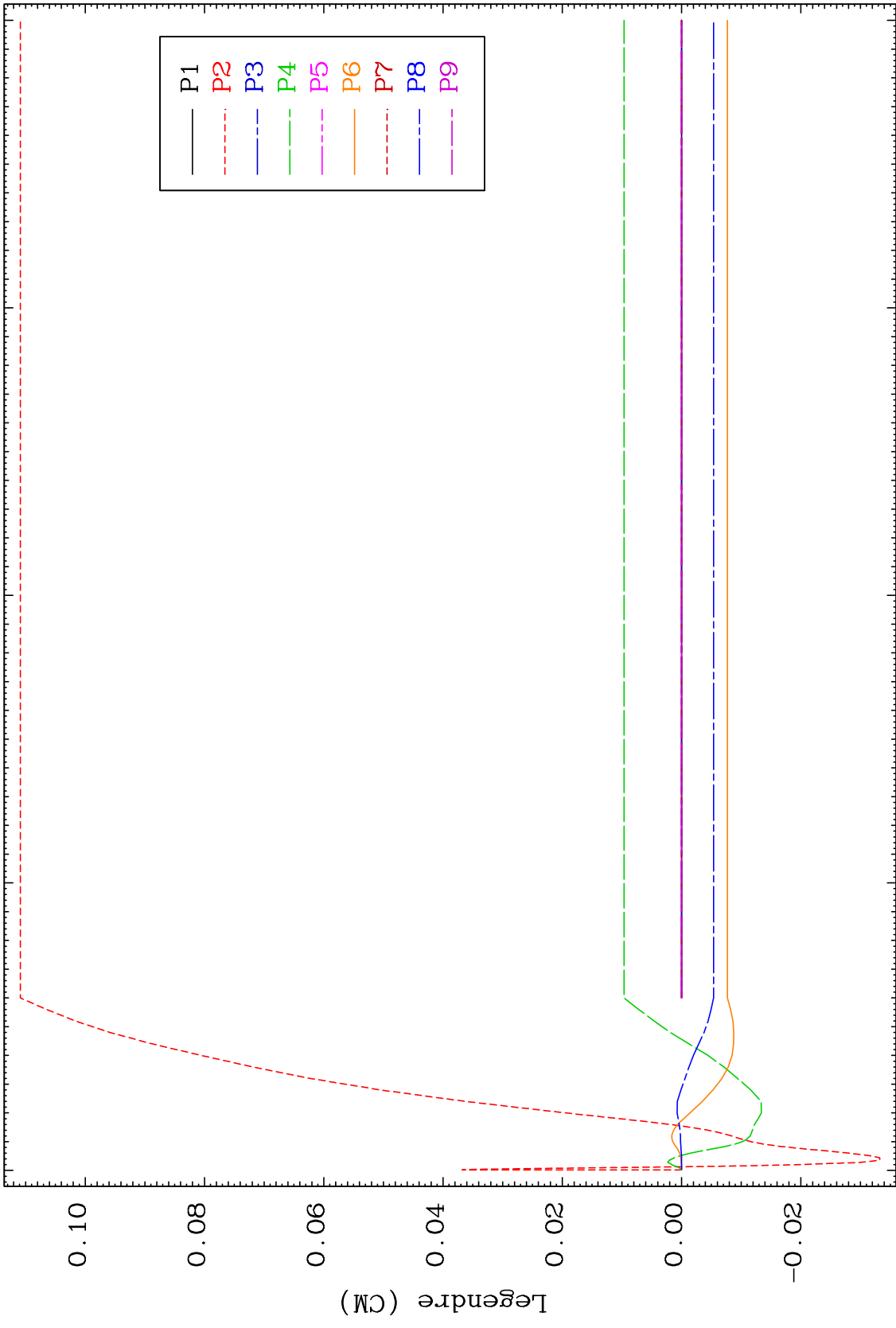


19

Incident Energy (MeV)

50-Sn-113

MAT 5028 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-113

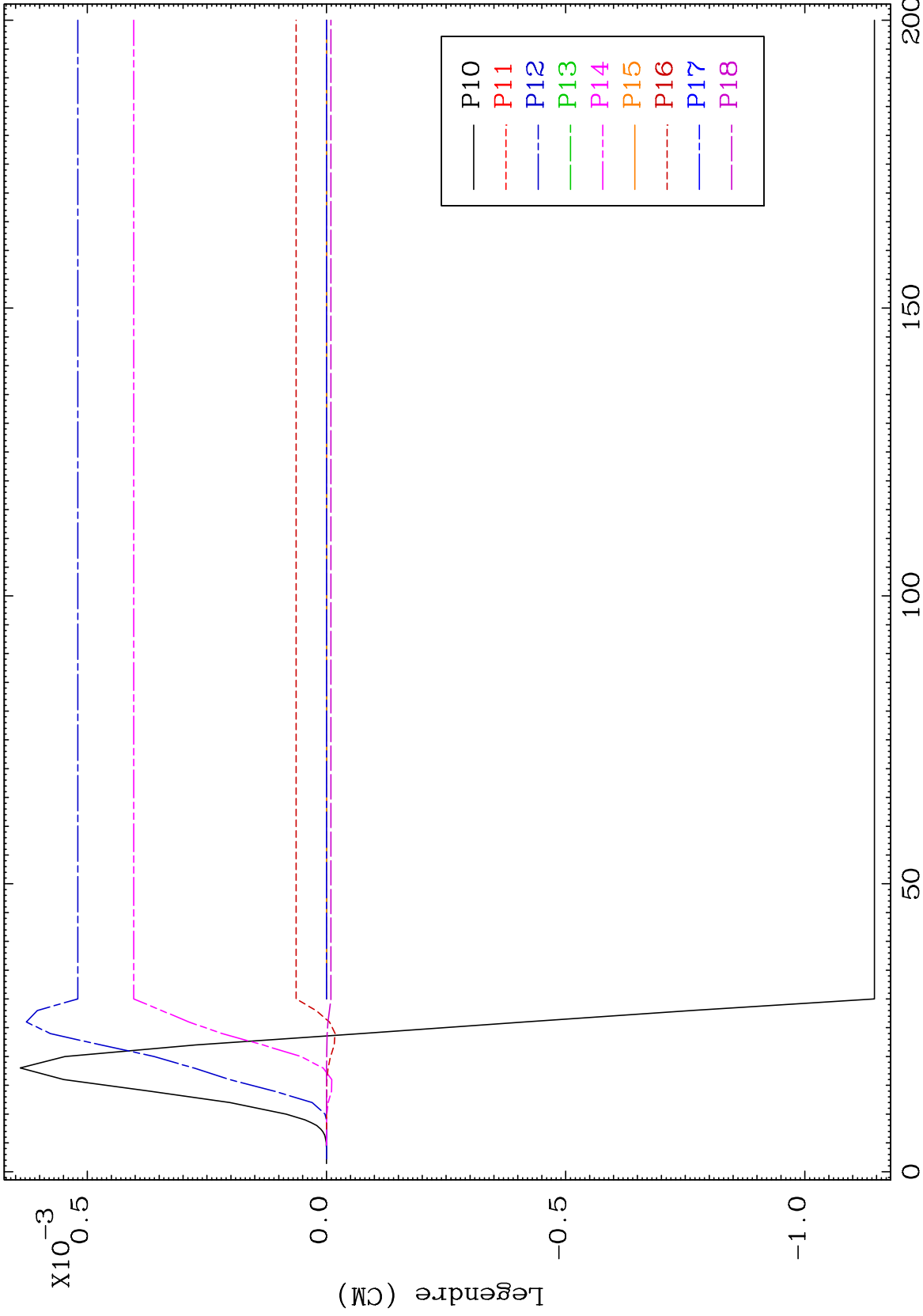


Legendre (CM) Incident Energy (MeV) 50-Sn-113

MAT 5028

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

50-Sn-113



21

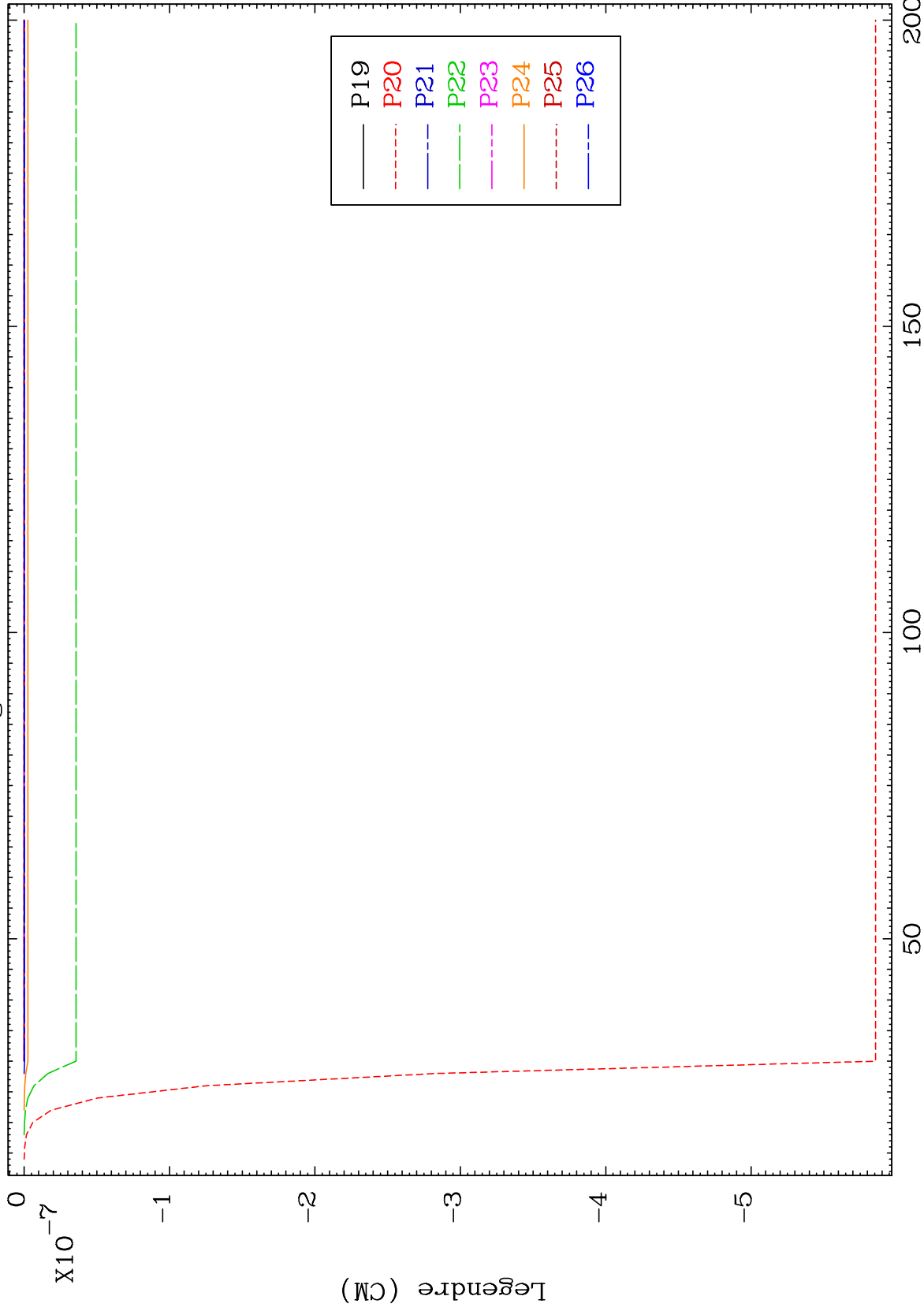
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

50-Sn-113

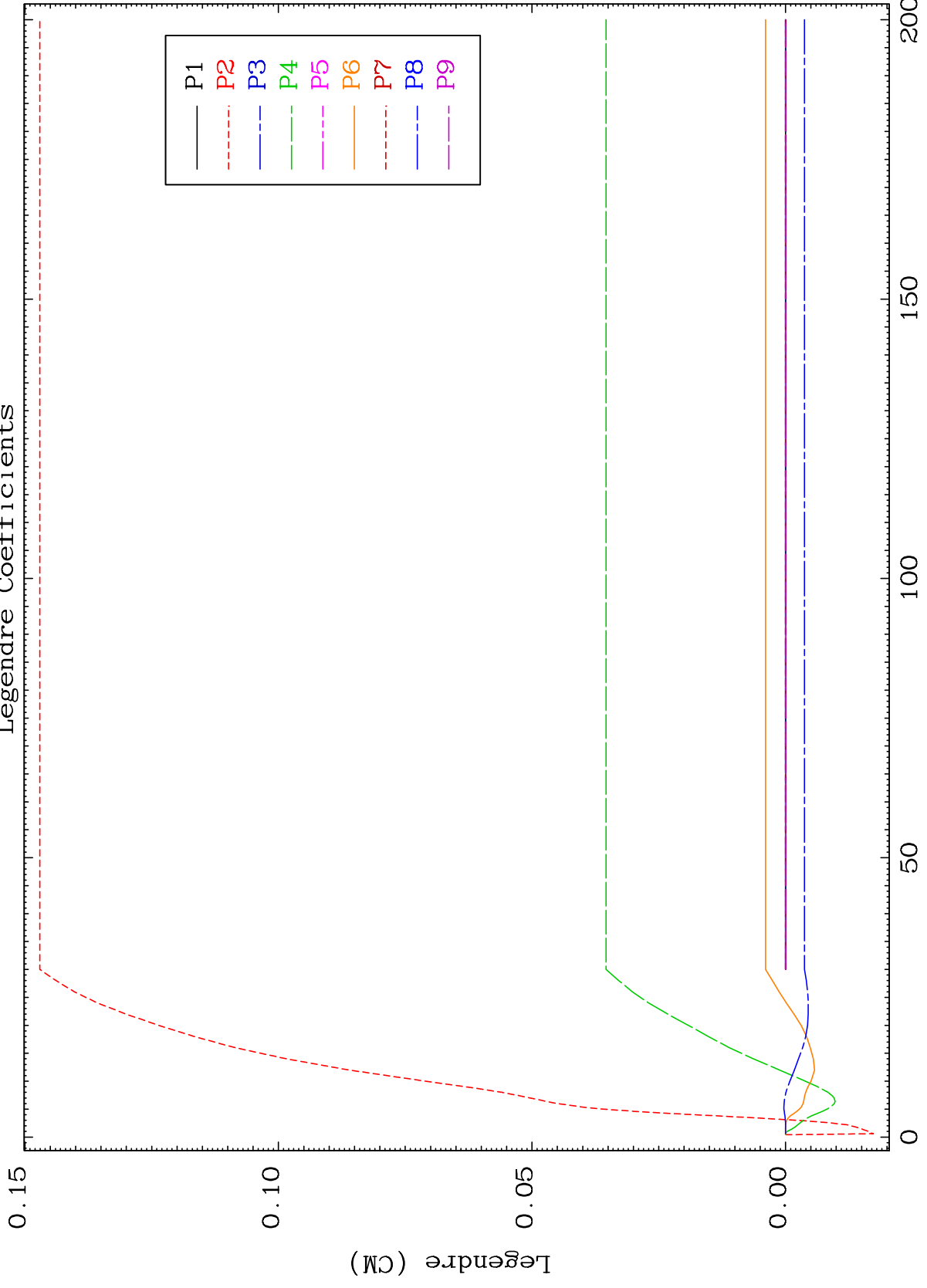


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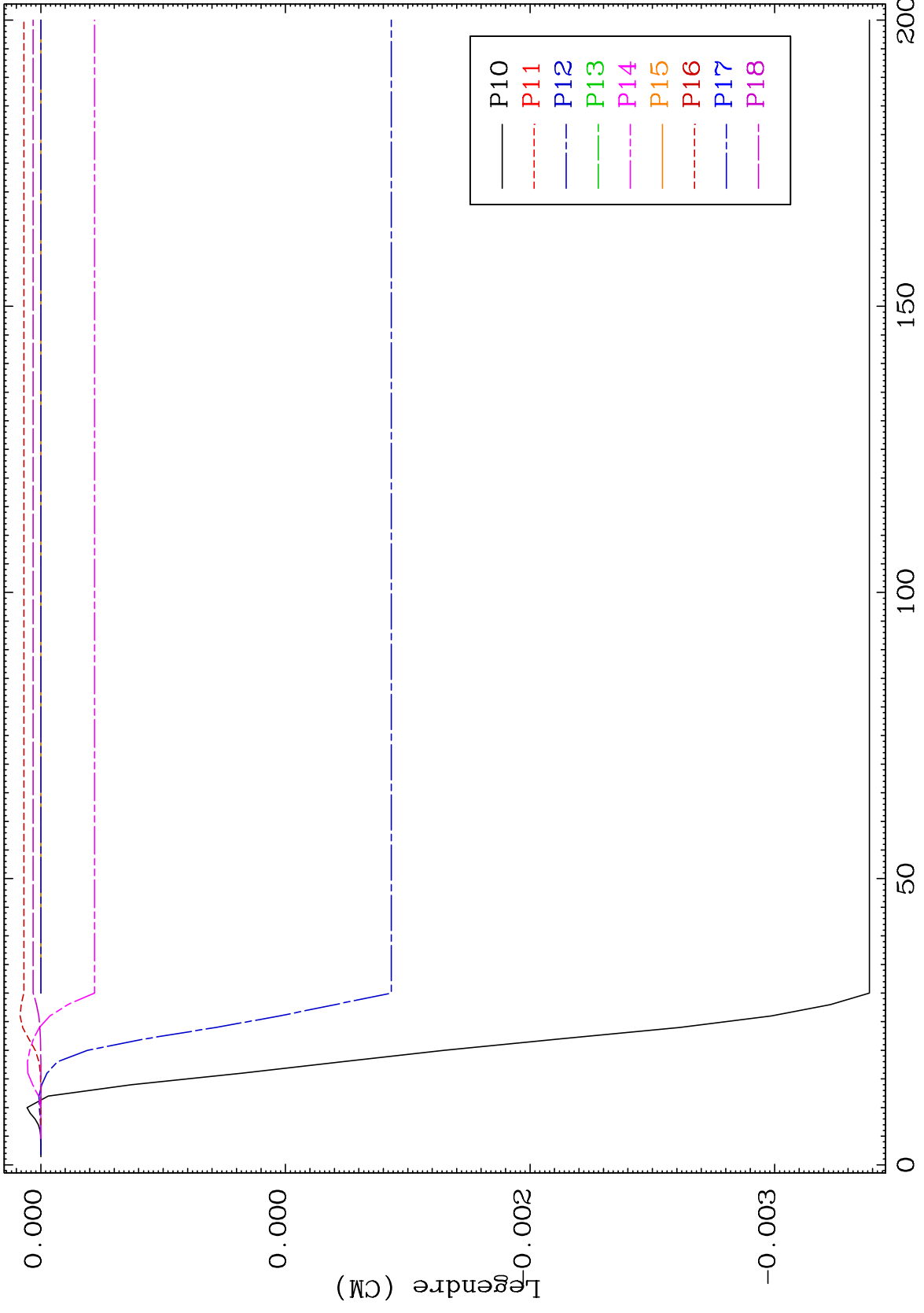
Incident Energy (MeV)

50-Sn-113

MAT 5028 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-113

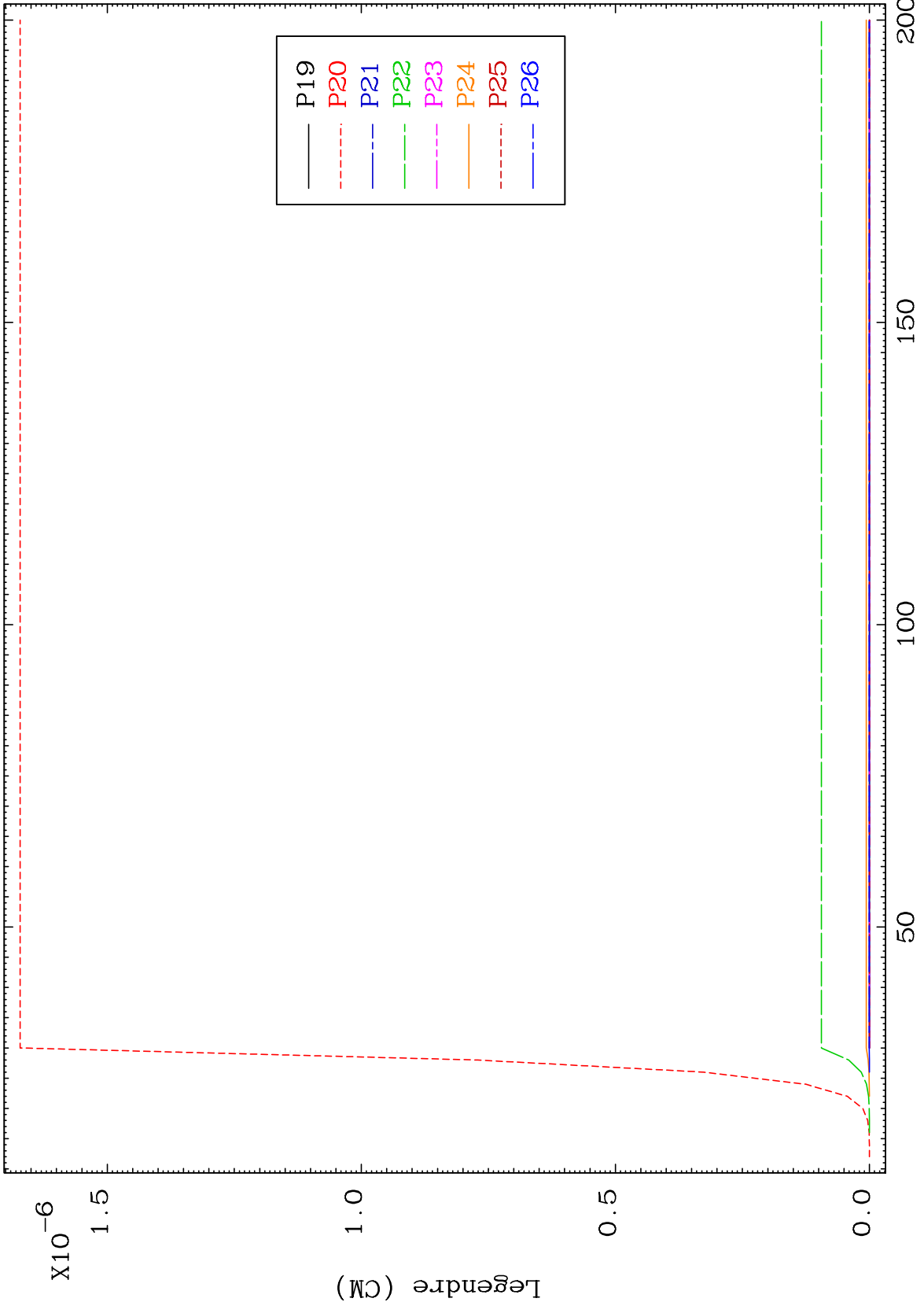


MAT 5028 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-113



24 50-Sn-113

MAT 5028 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-113

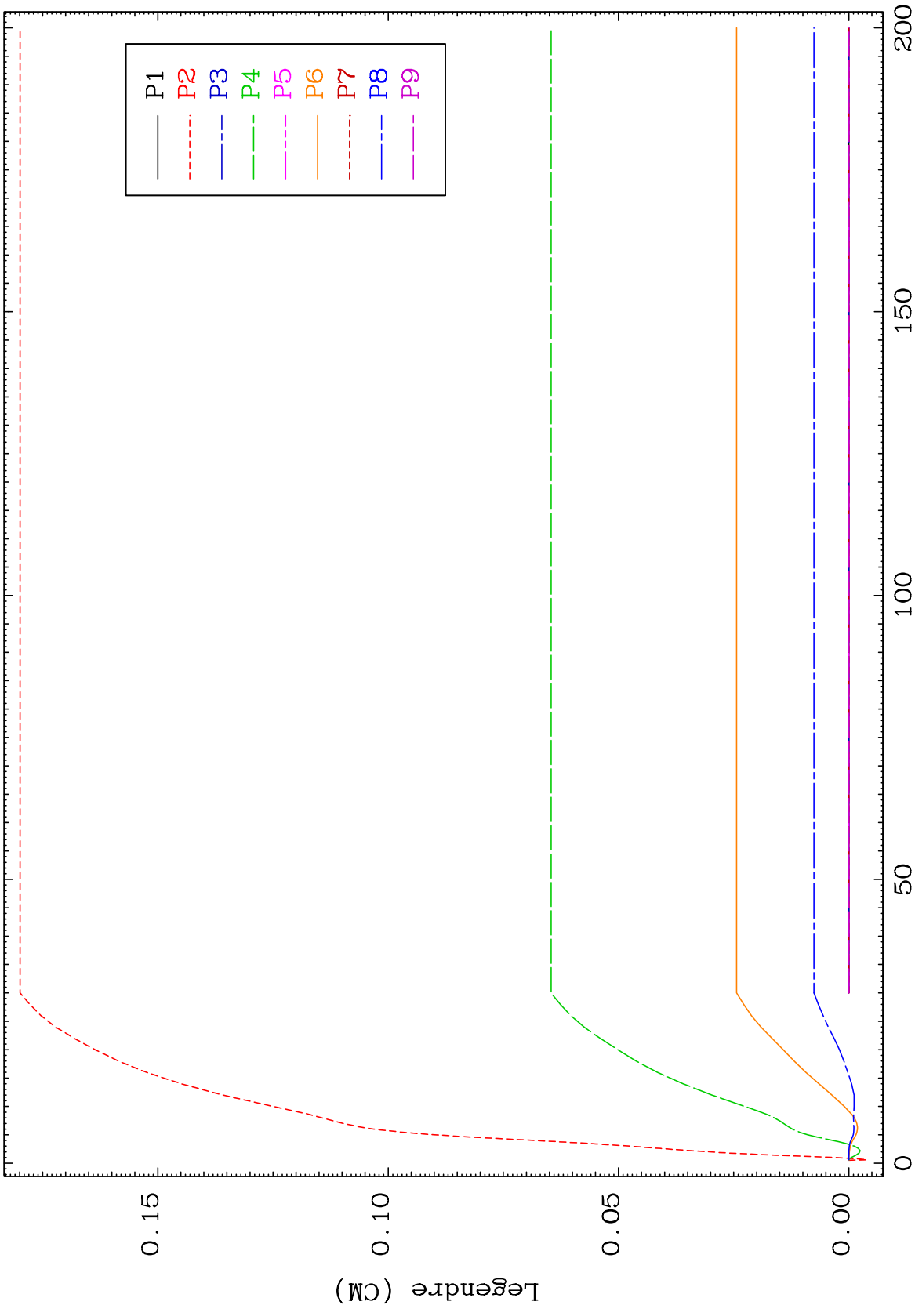


25 50 100 150 200 50-Sn-113

MAT 5028

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

50-Sn-113



26

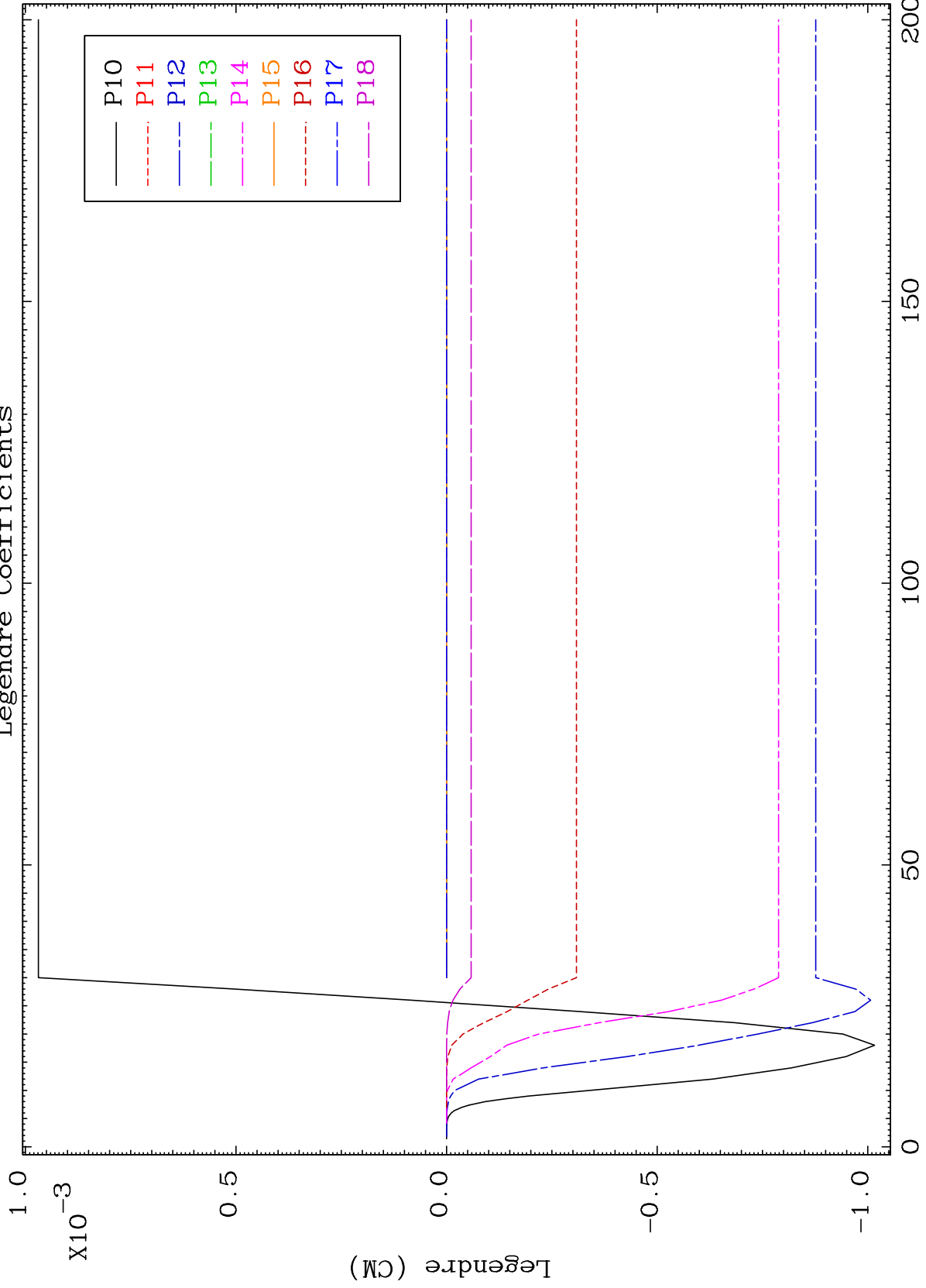
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

50-Sn-113



27

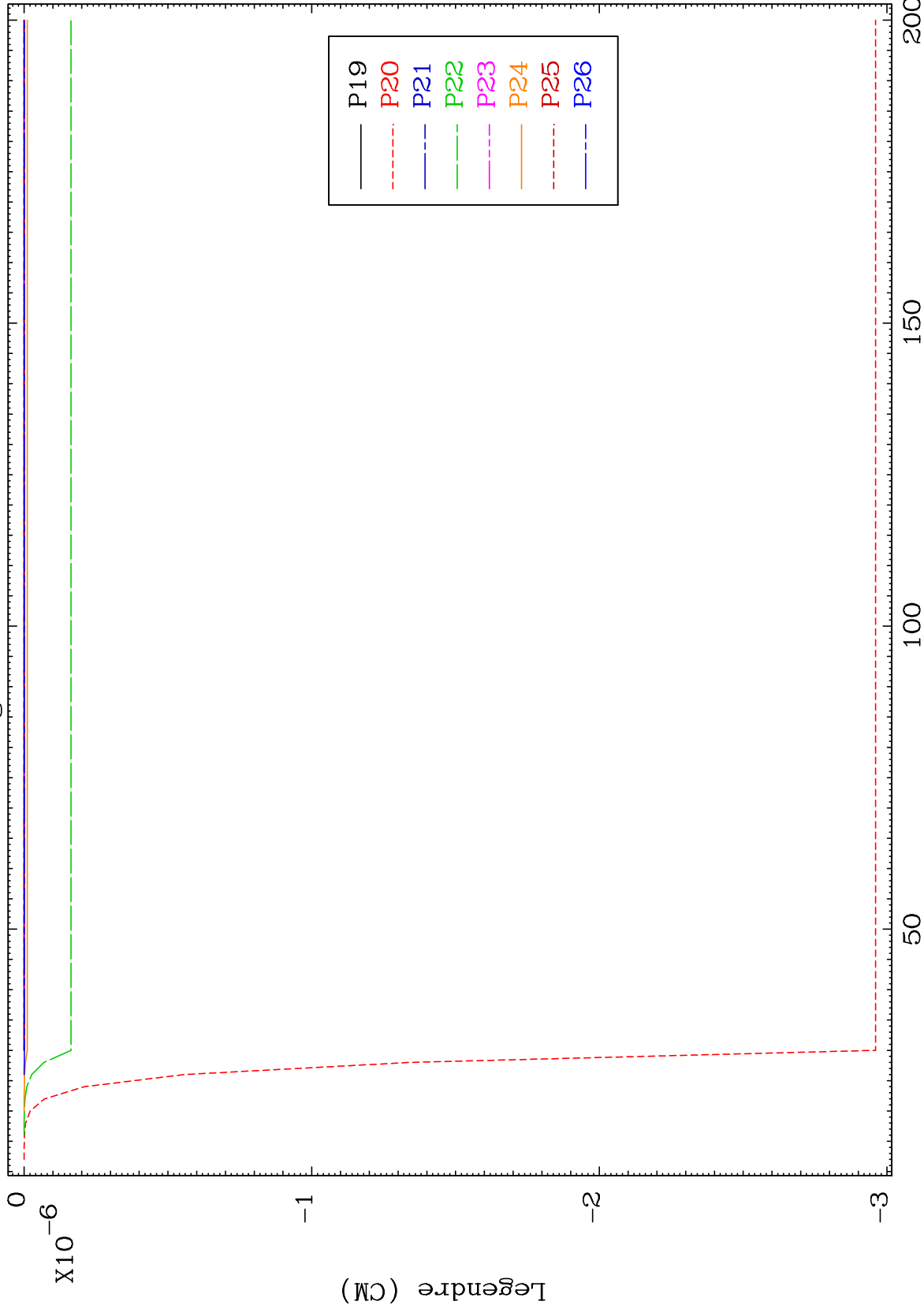
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

50-Sn-113



50-Sn-113

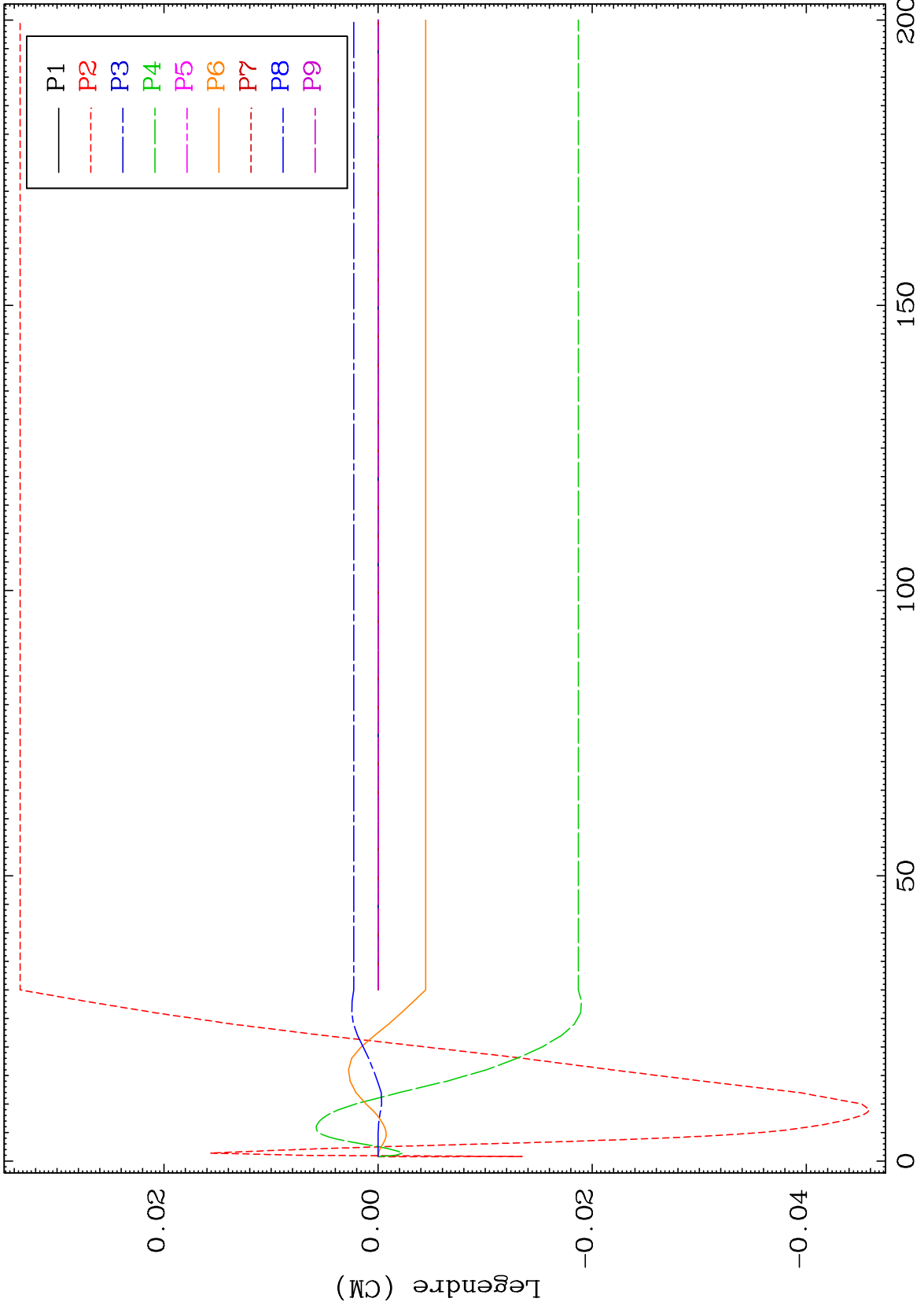
Incident Energy (MeV)

28

MAT 5028

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

50-Sn-113



29

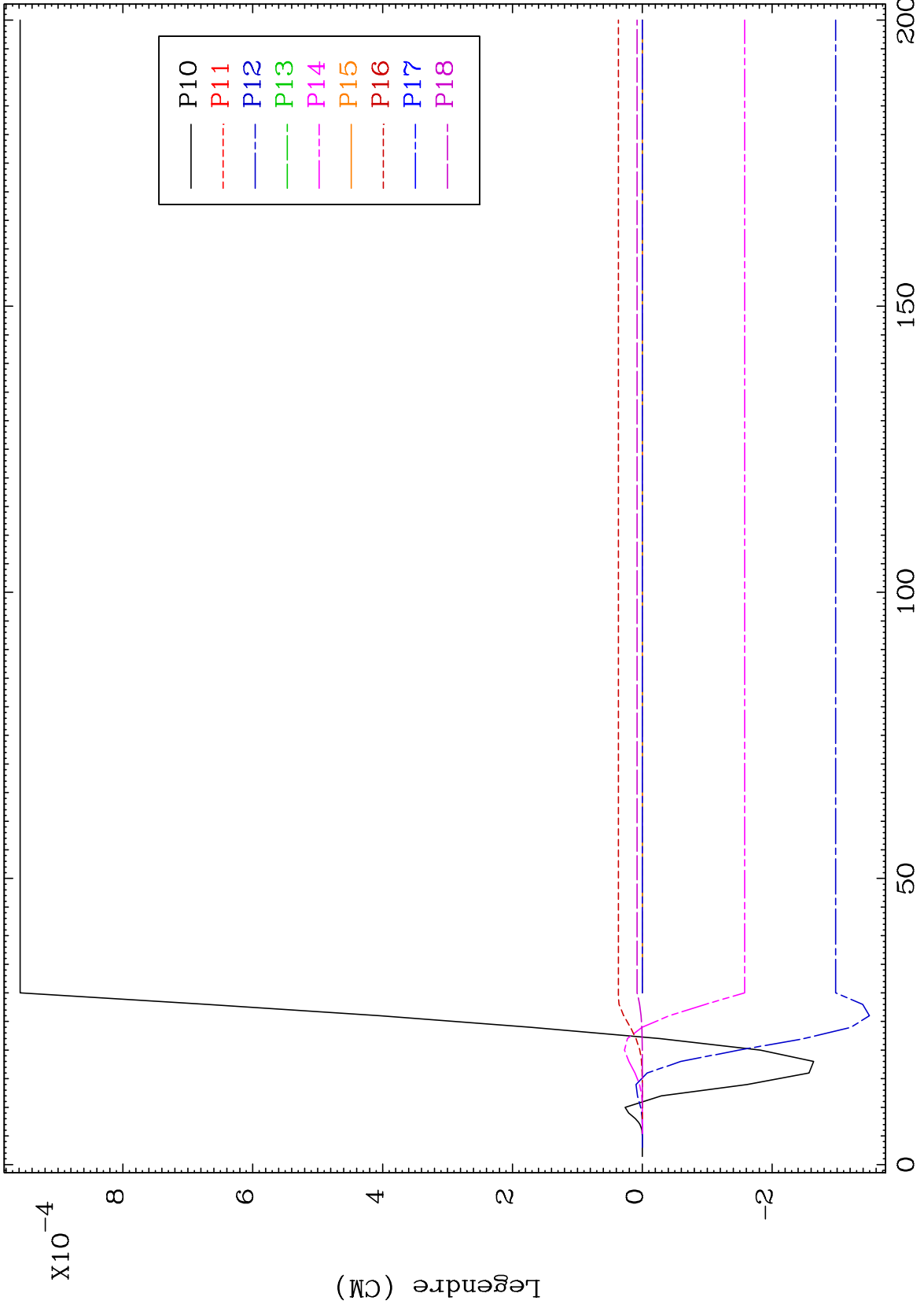
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

50-Sn-113

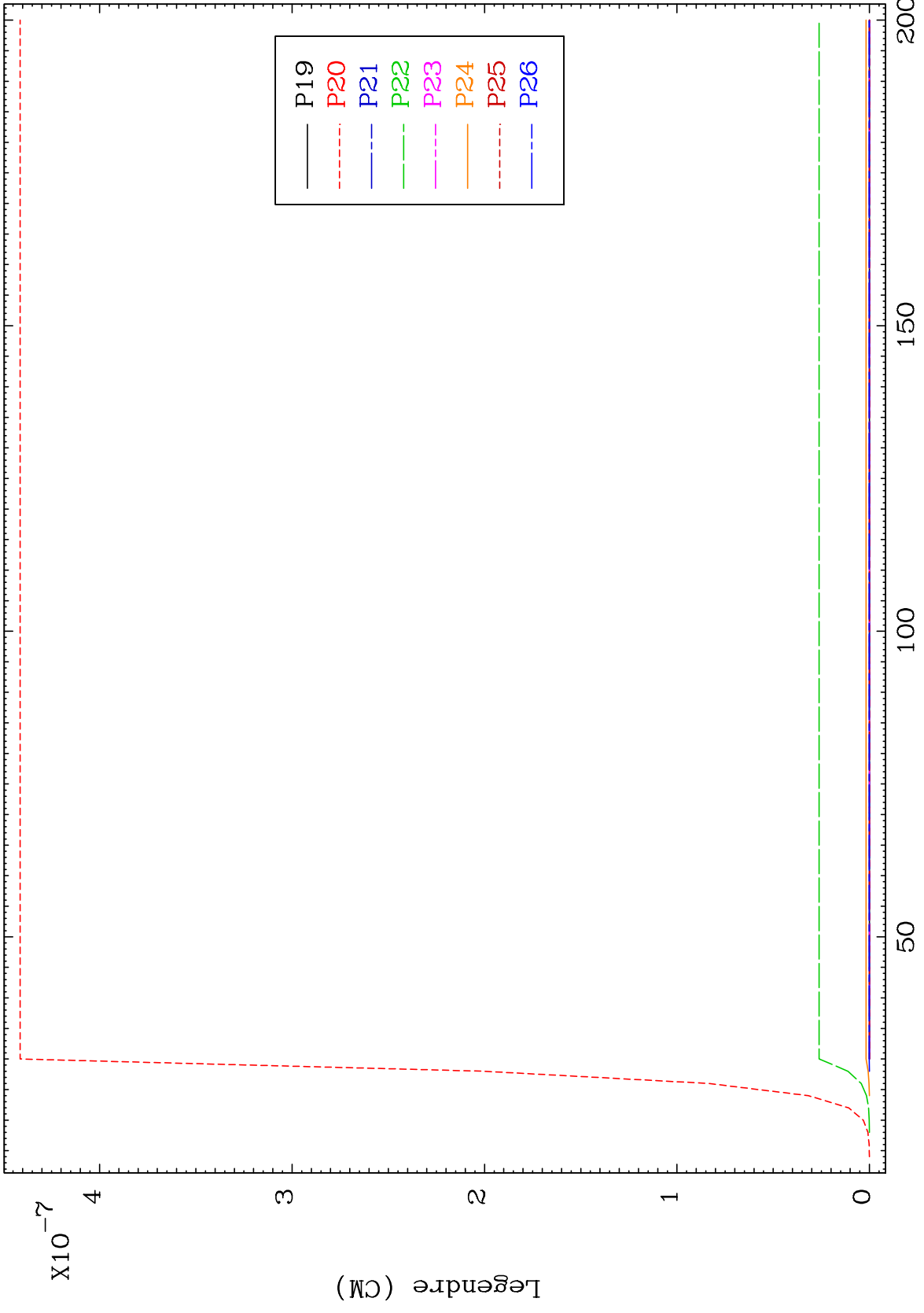


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Incident Energy (MeV)

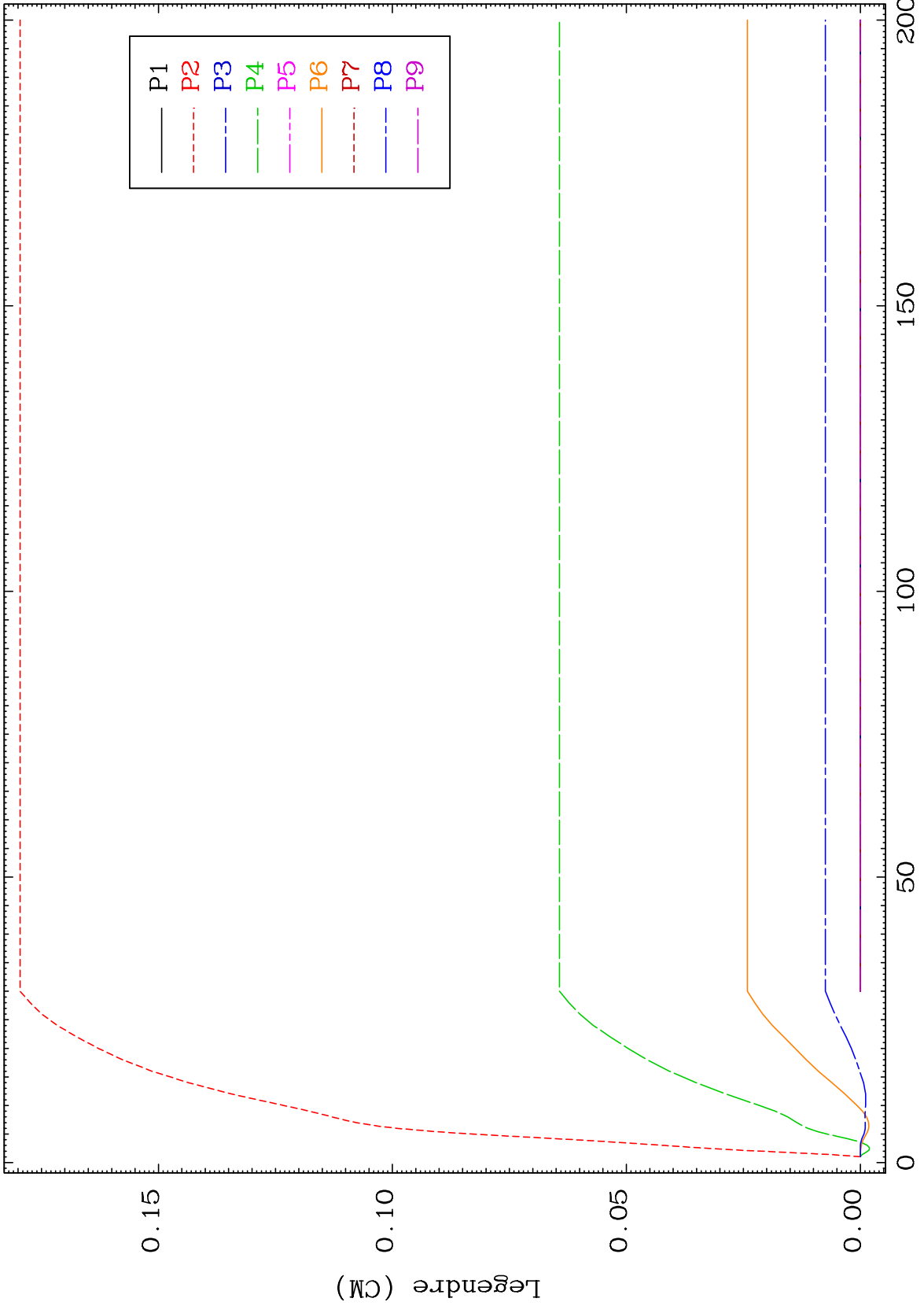
50-Sn-113

MAT 5028 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-113



31 Incident Energy (MeV) 50-Sn-113

MAT 5028 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-113

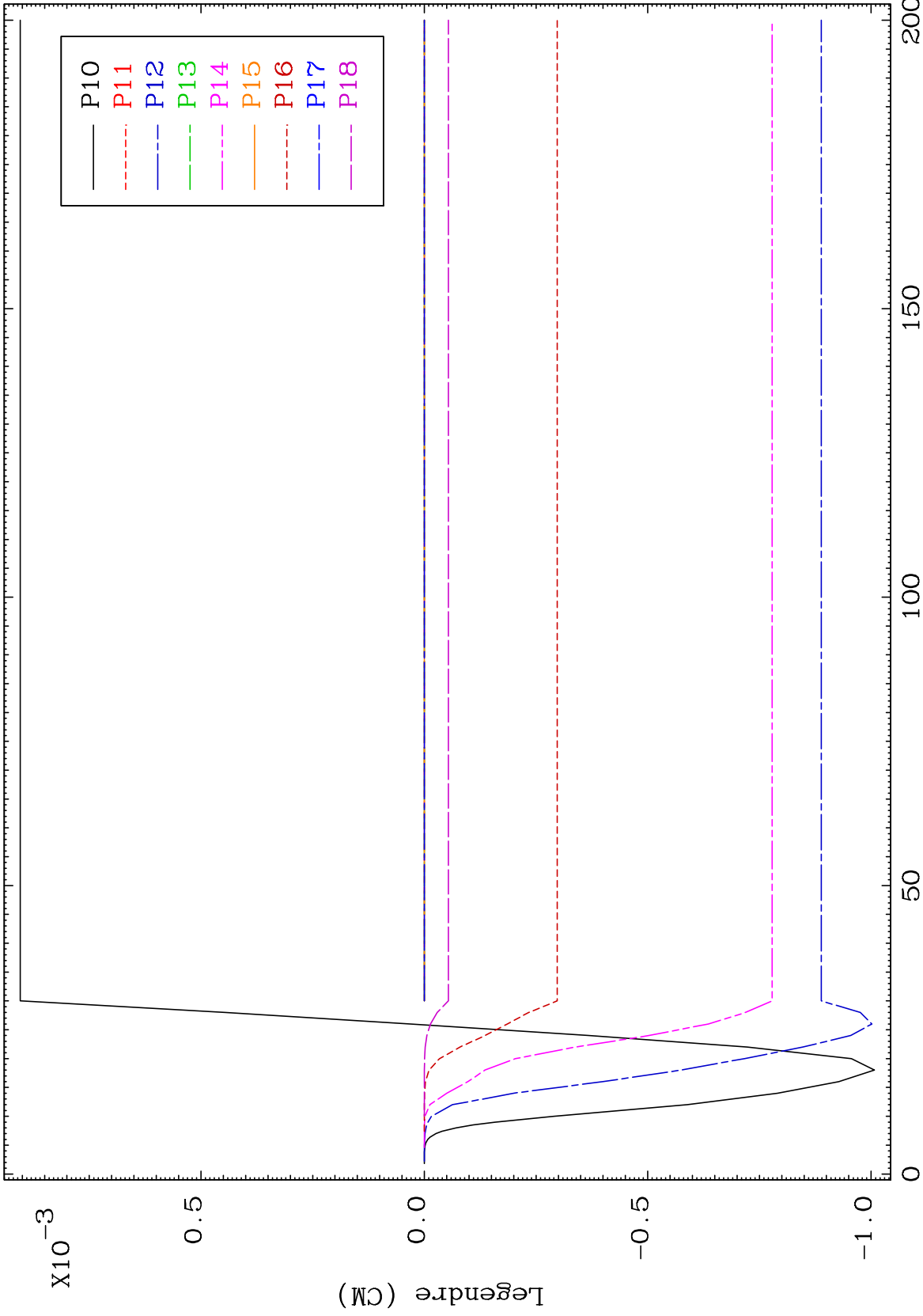


32 Incident Energy (MeV) 50-Sn-113

MAT 5028

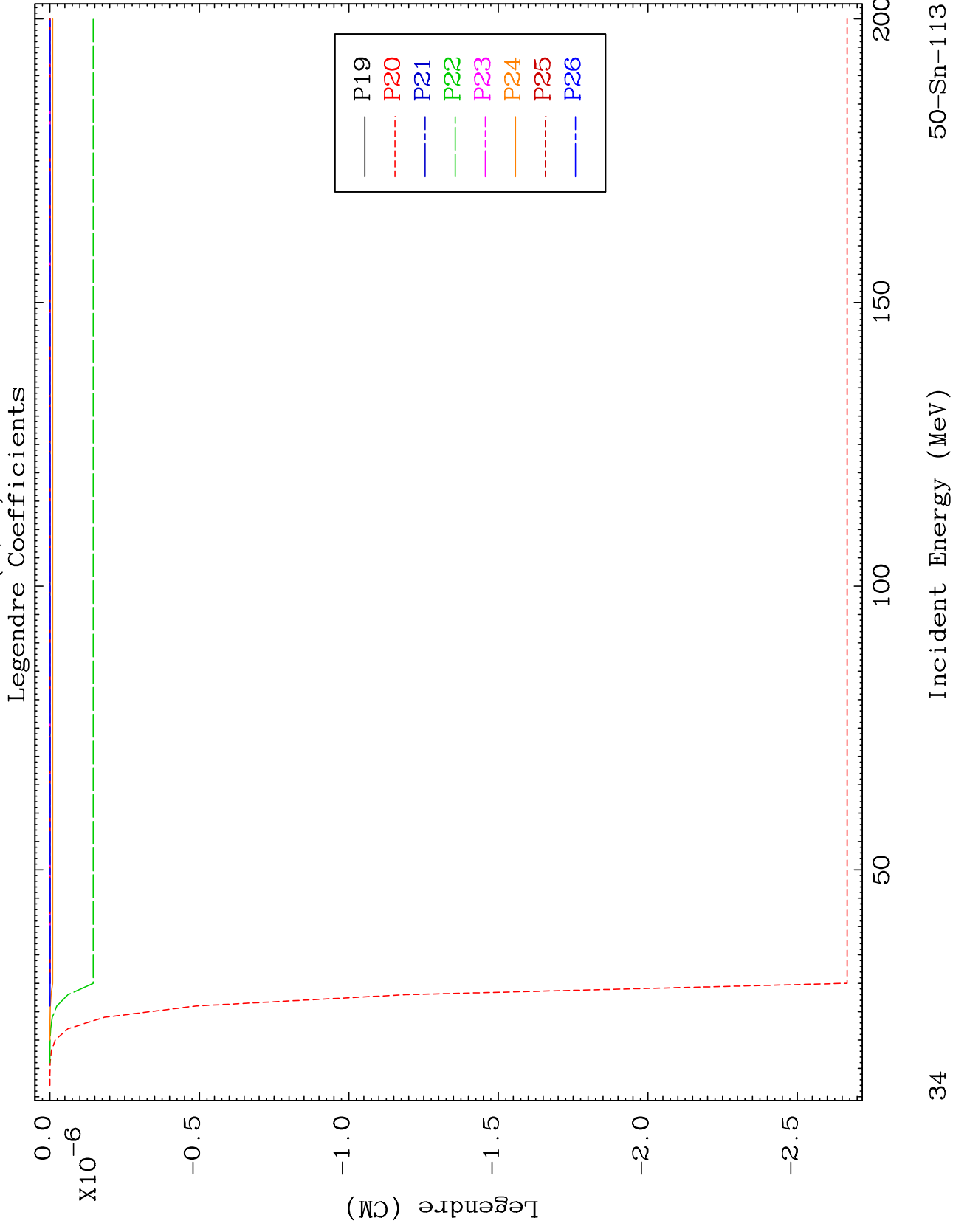
MT= 55 (n,n') Level
Legendre Coefficients

50-Sn-113

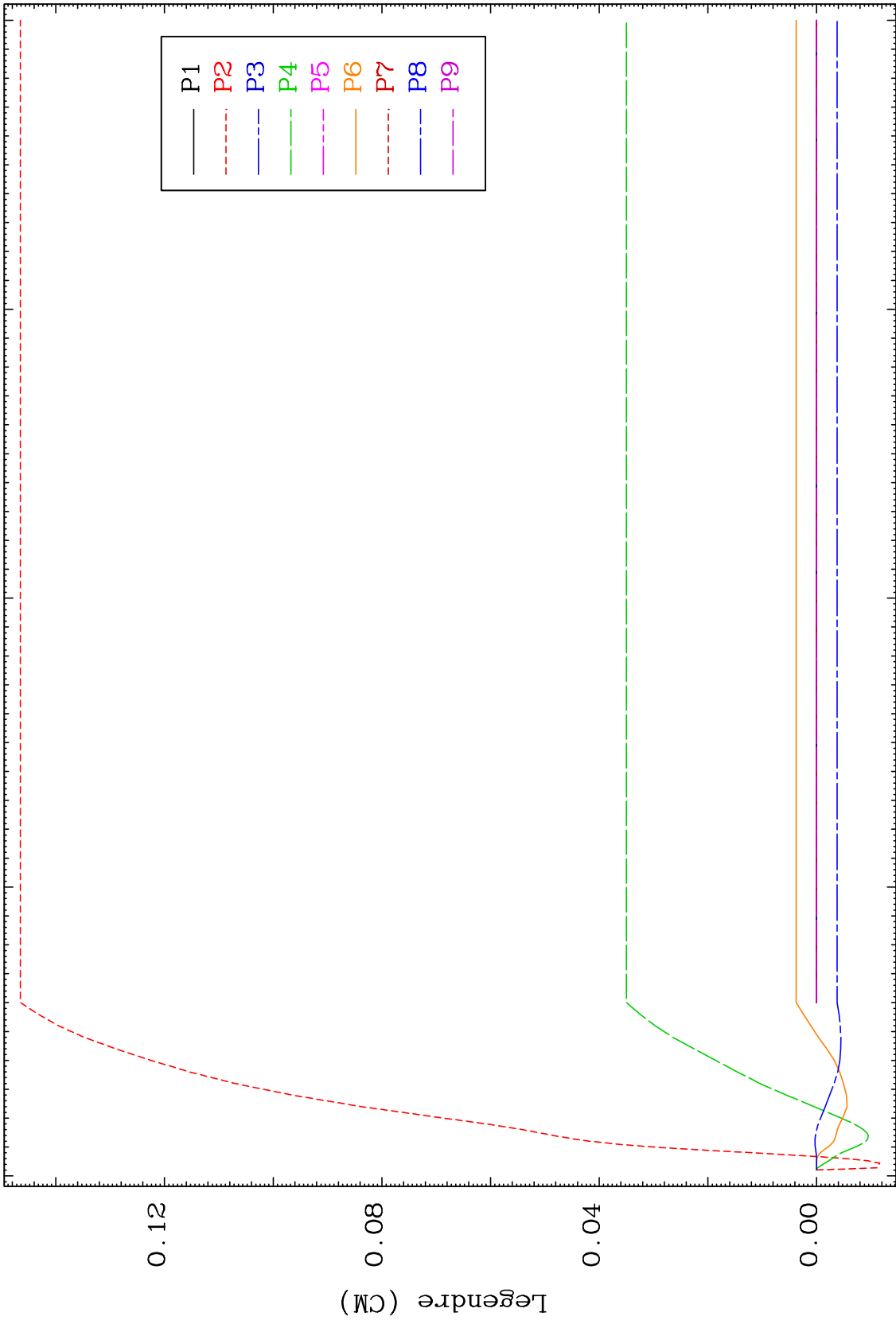


33

50-Sn-113

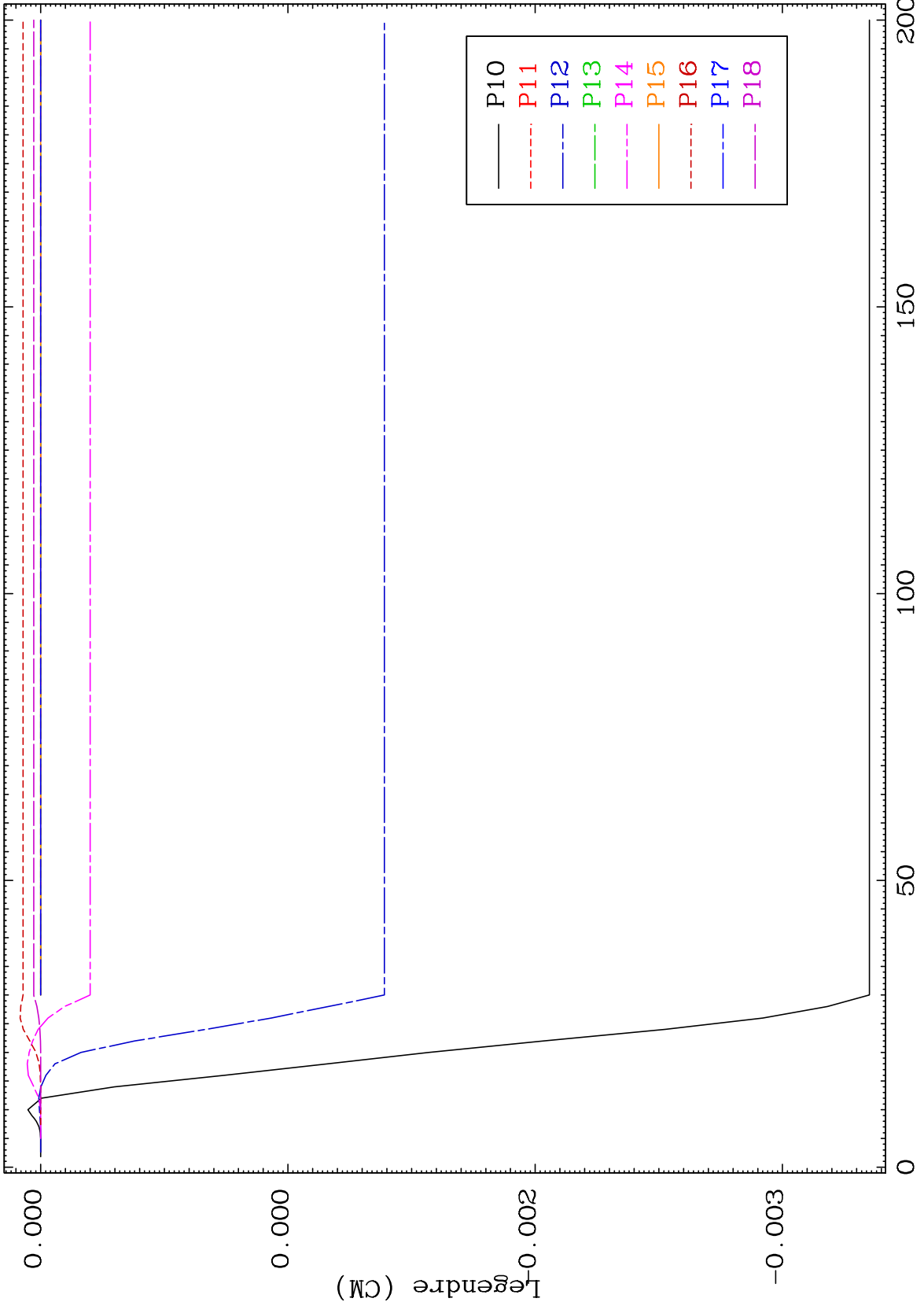


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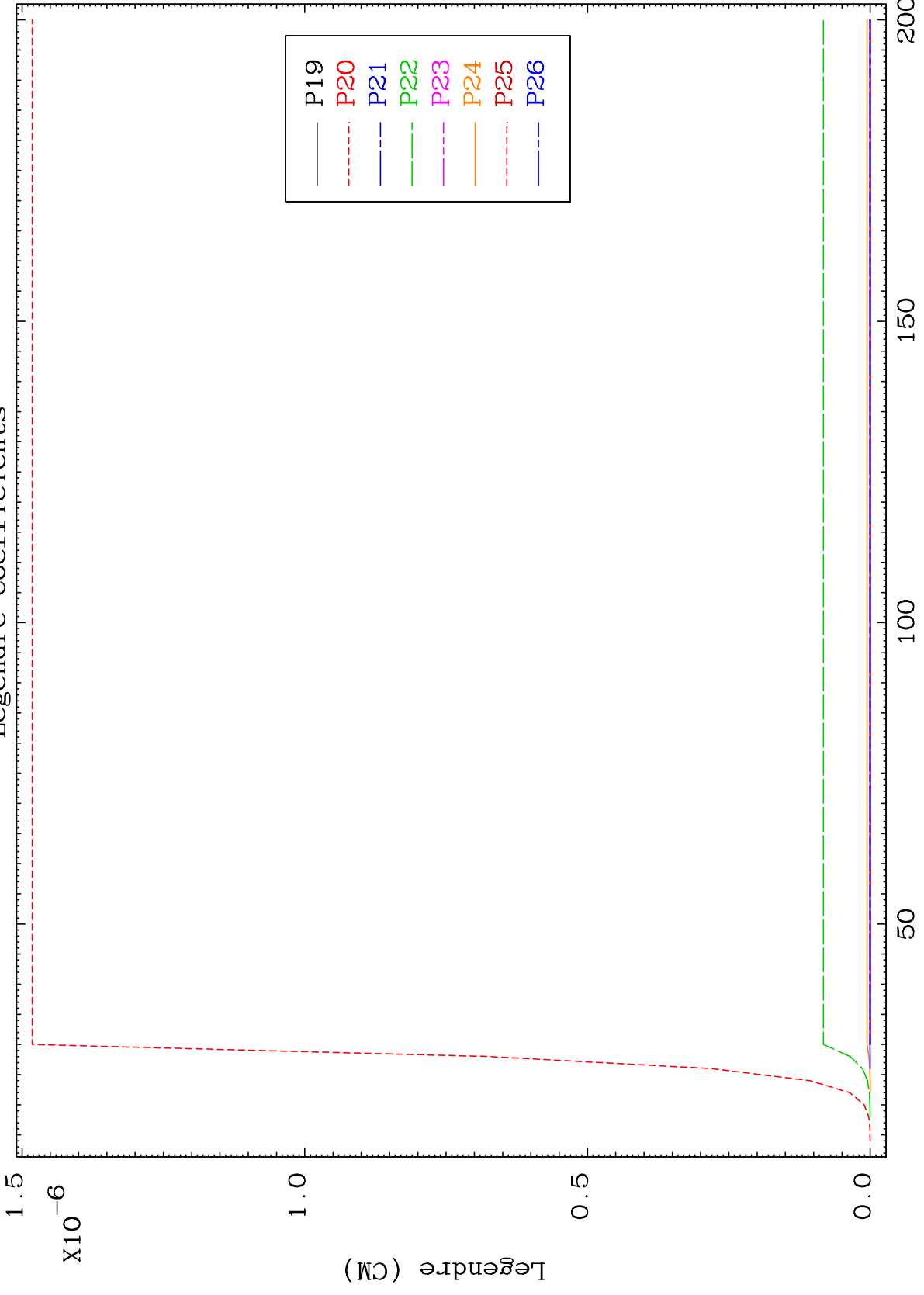
35 Incident Energy (MeV) 50-Sn-113

MAT 5028 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-113

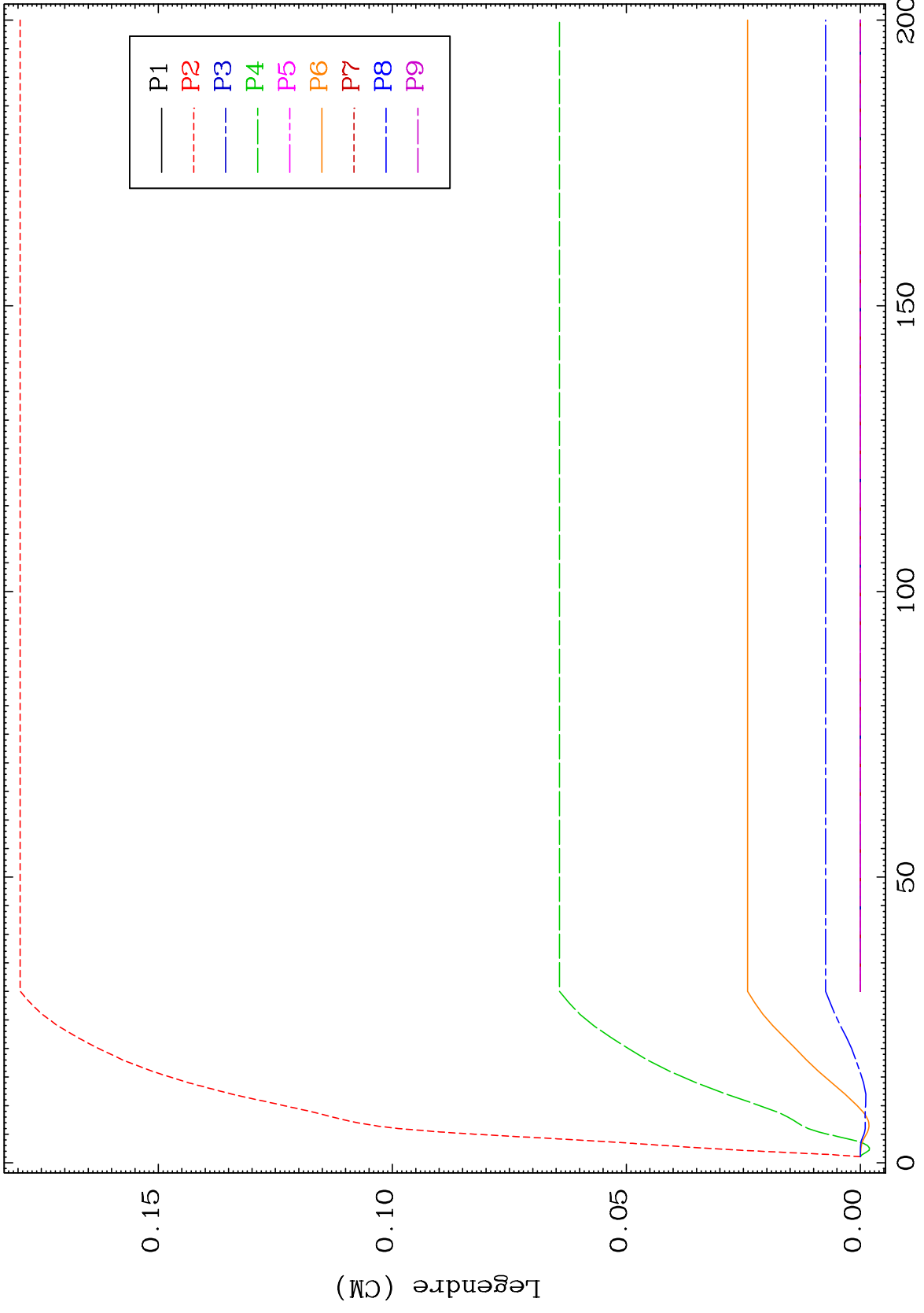


36 50-Sn-113

MAT 5028 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-113



MAT 5028 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-113

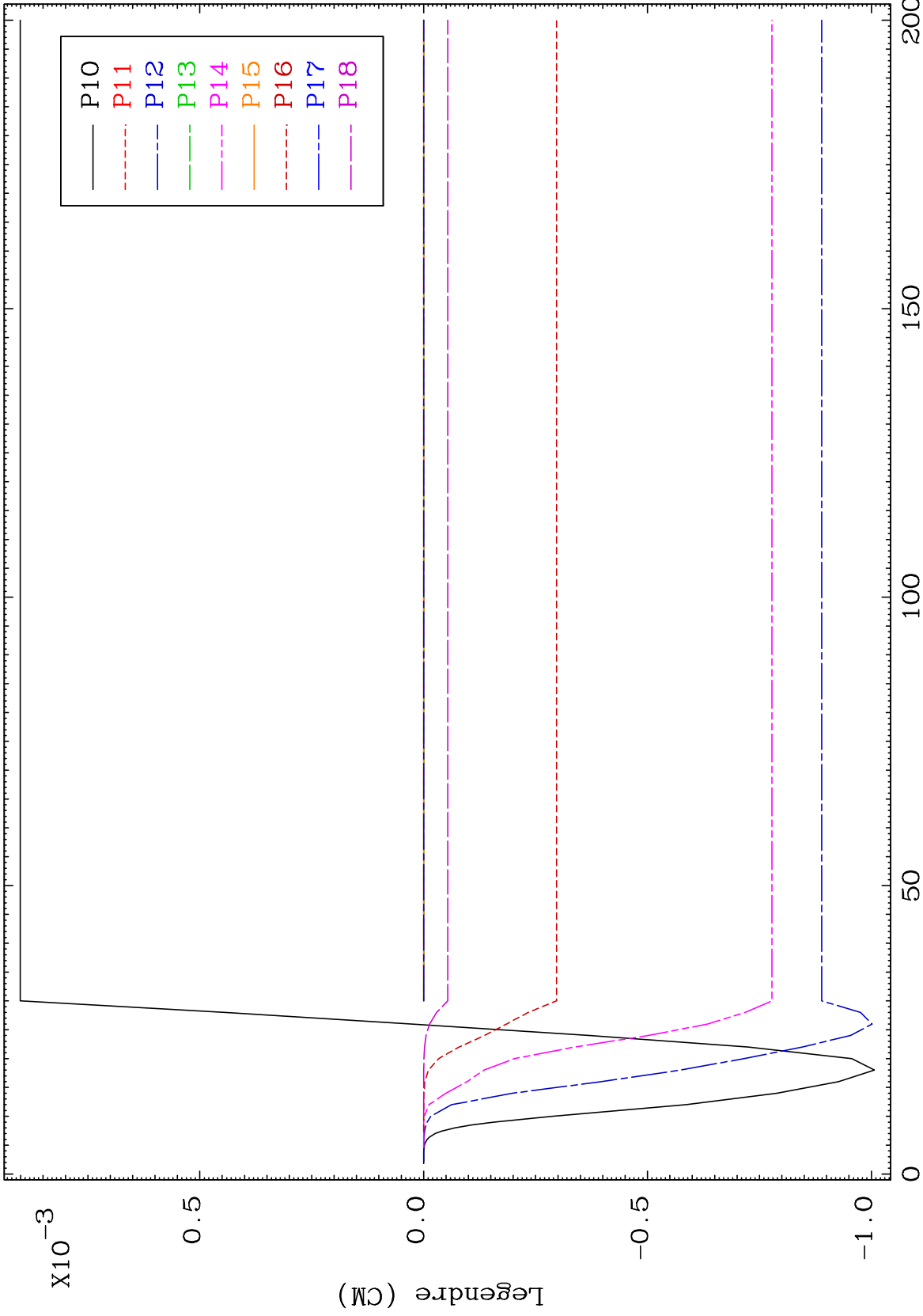


38 50-Sn-113

MAT 5028

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

50-Sn-113



39

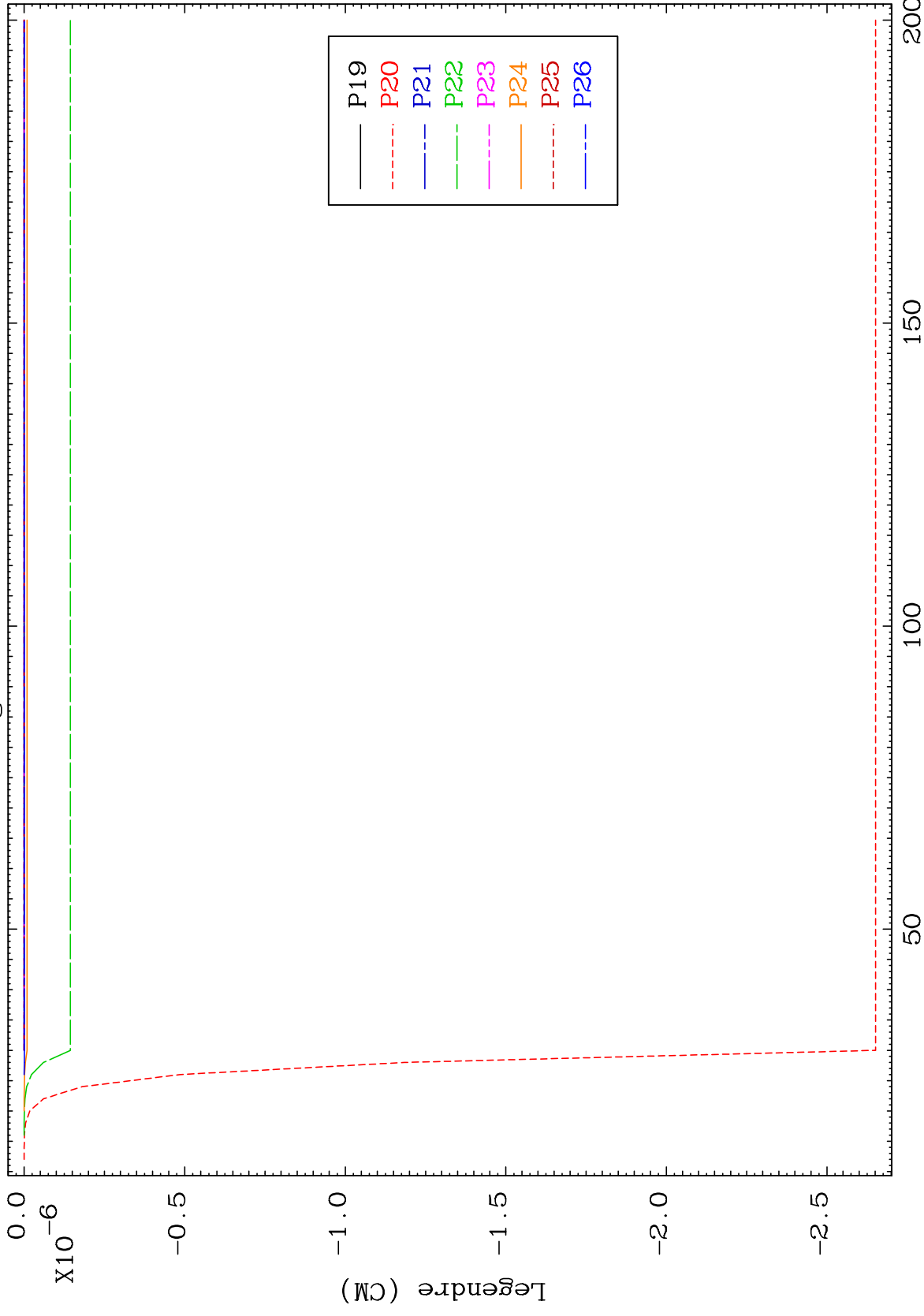
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

50-Sn-113



50-Sn-113

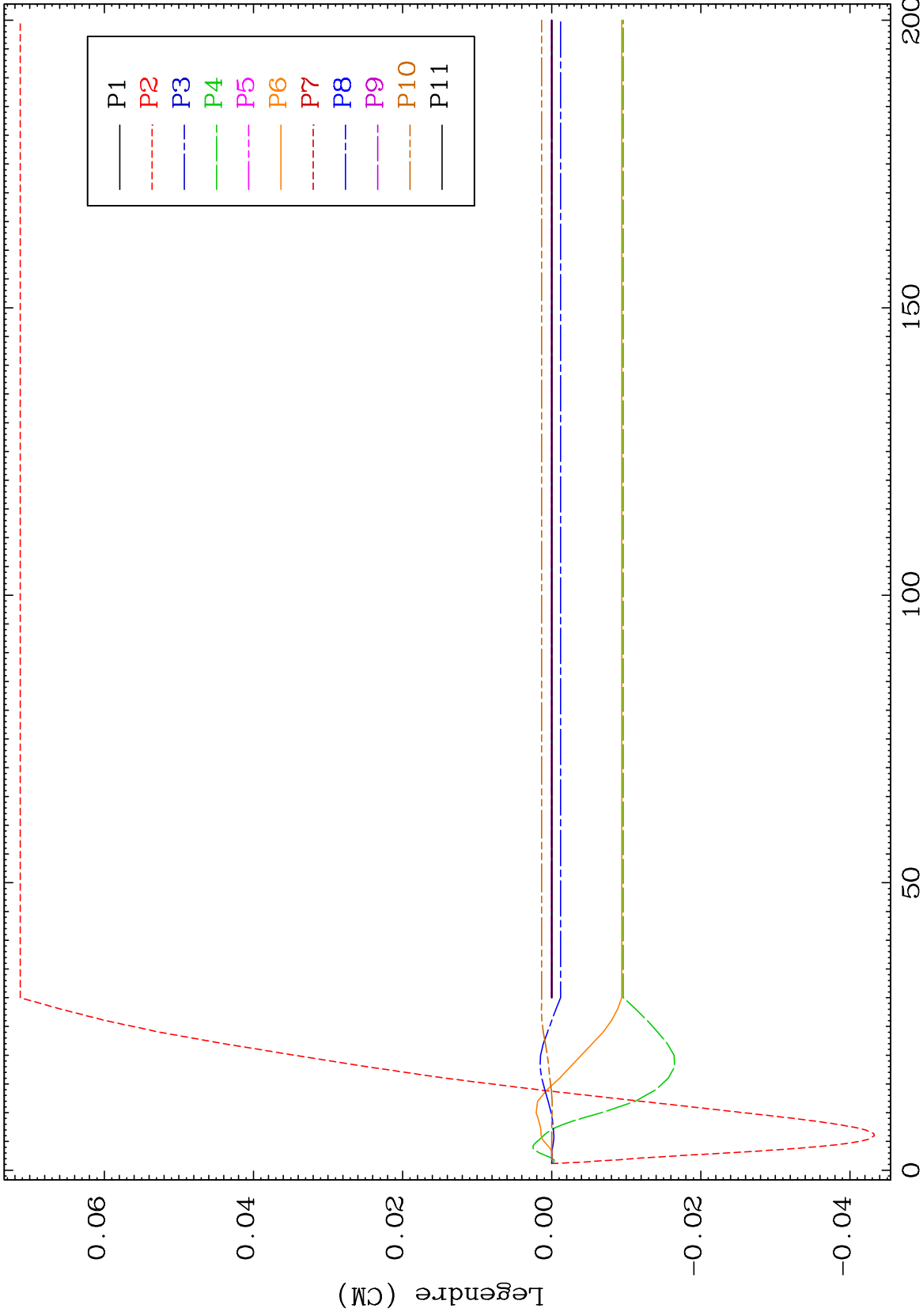
Incident Energy (MeV)

40

MAT 5028

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

50-Sn-113



41

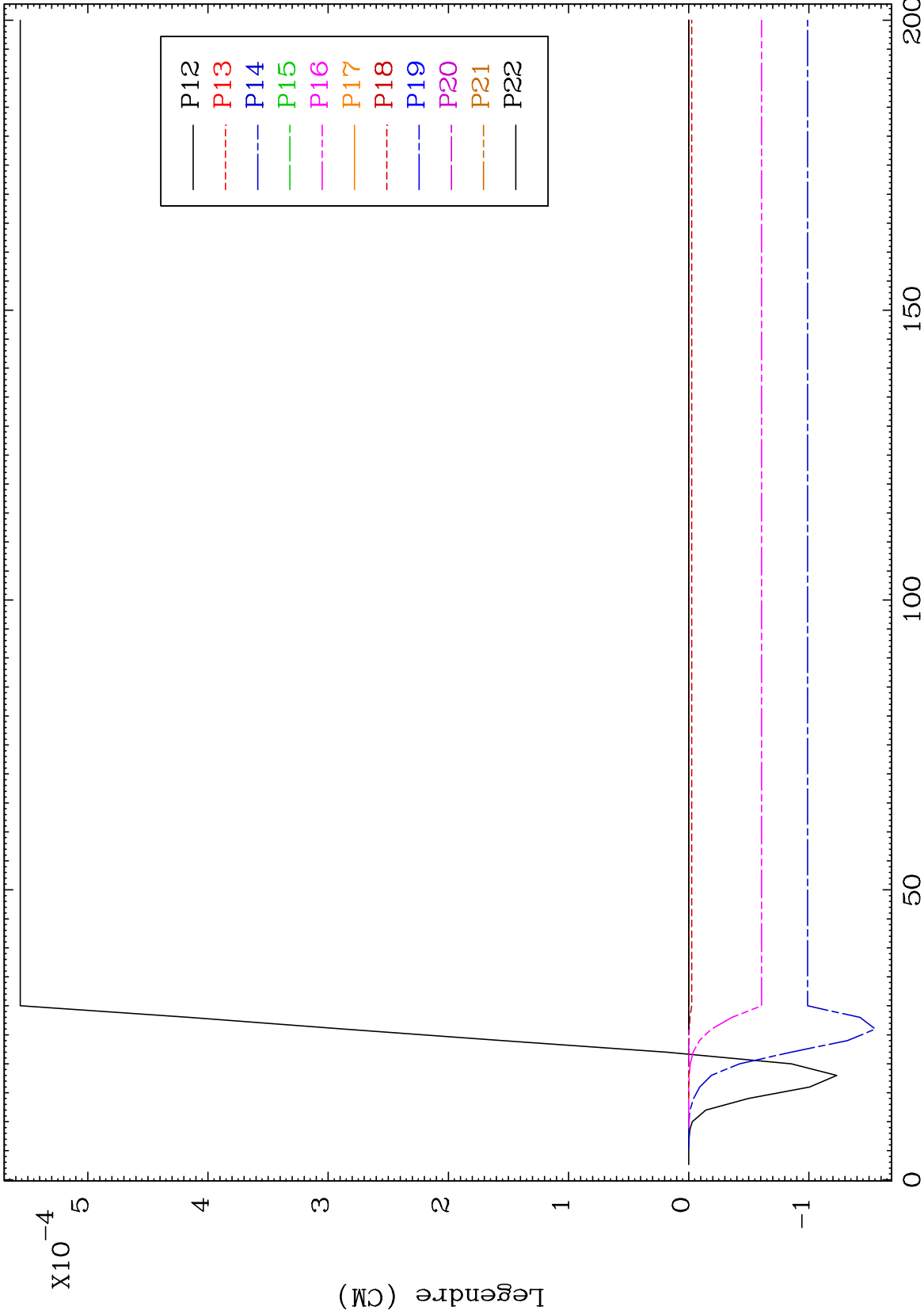
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

50-Sn-113

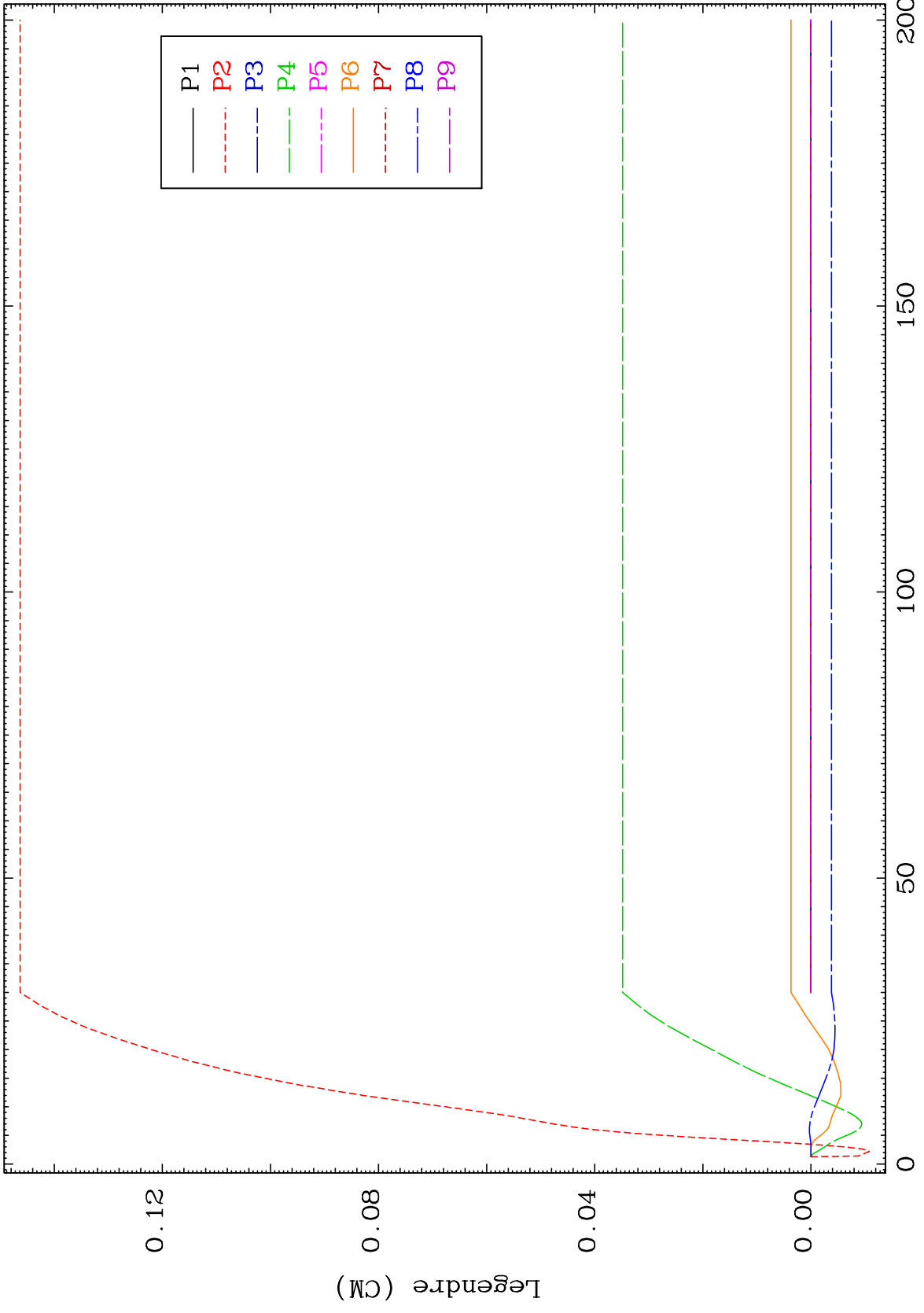


42

Incident Energy (MeV)

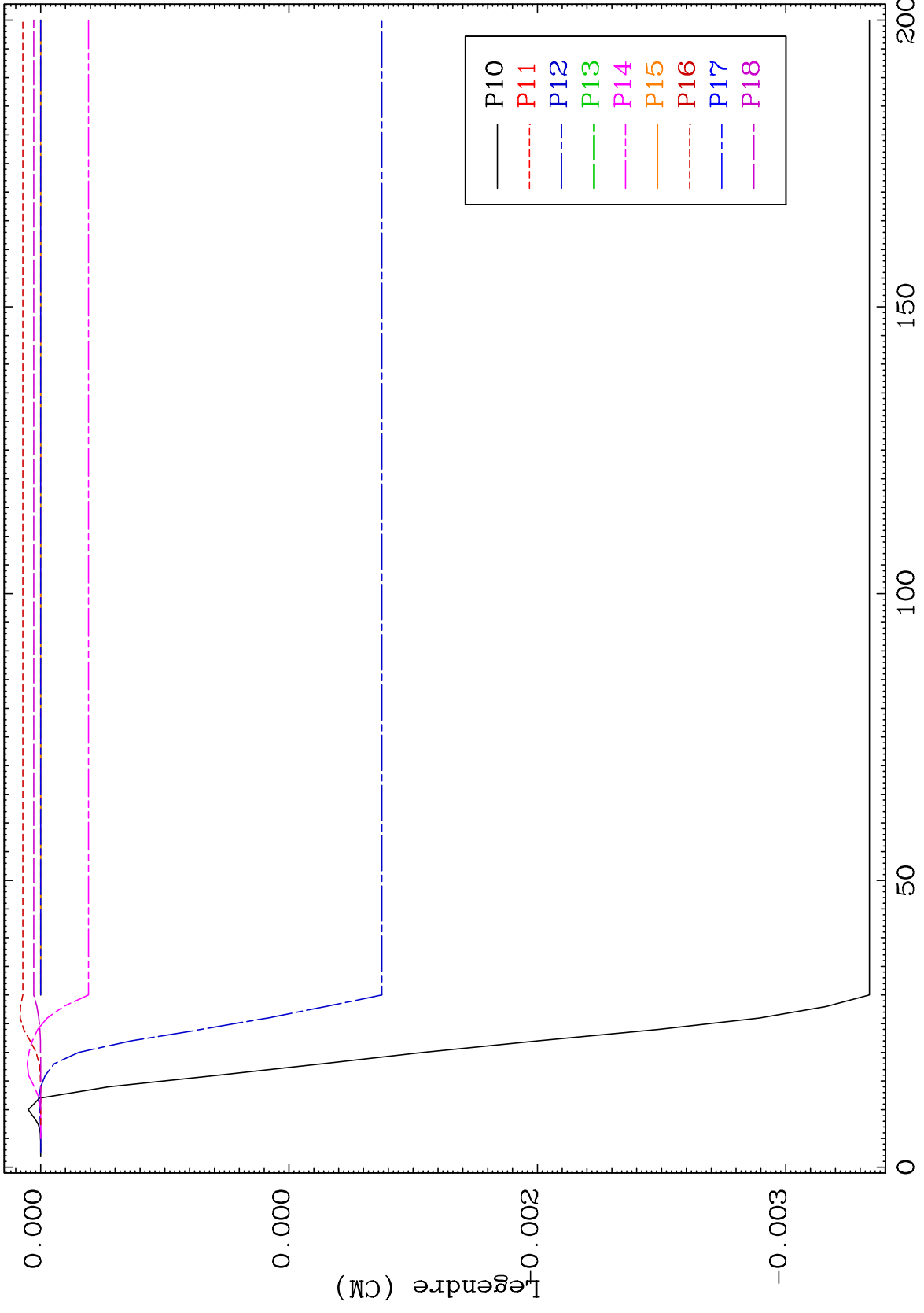
50-Sn-113

MAT 5028 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-113



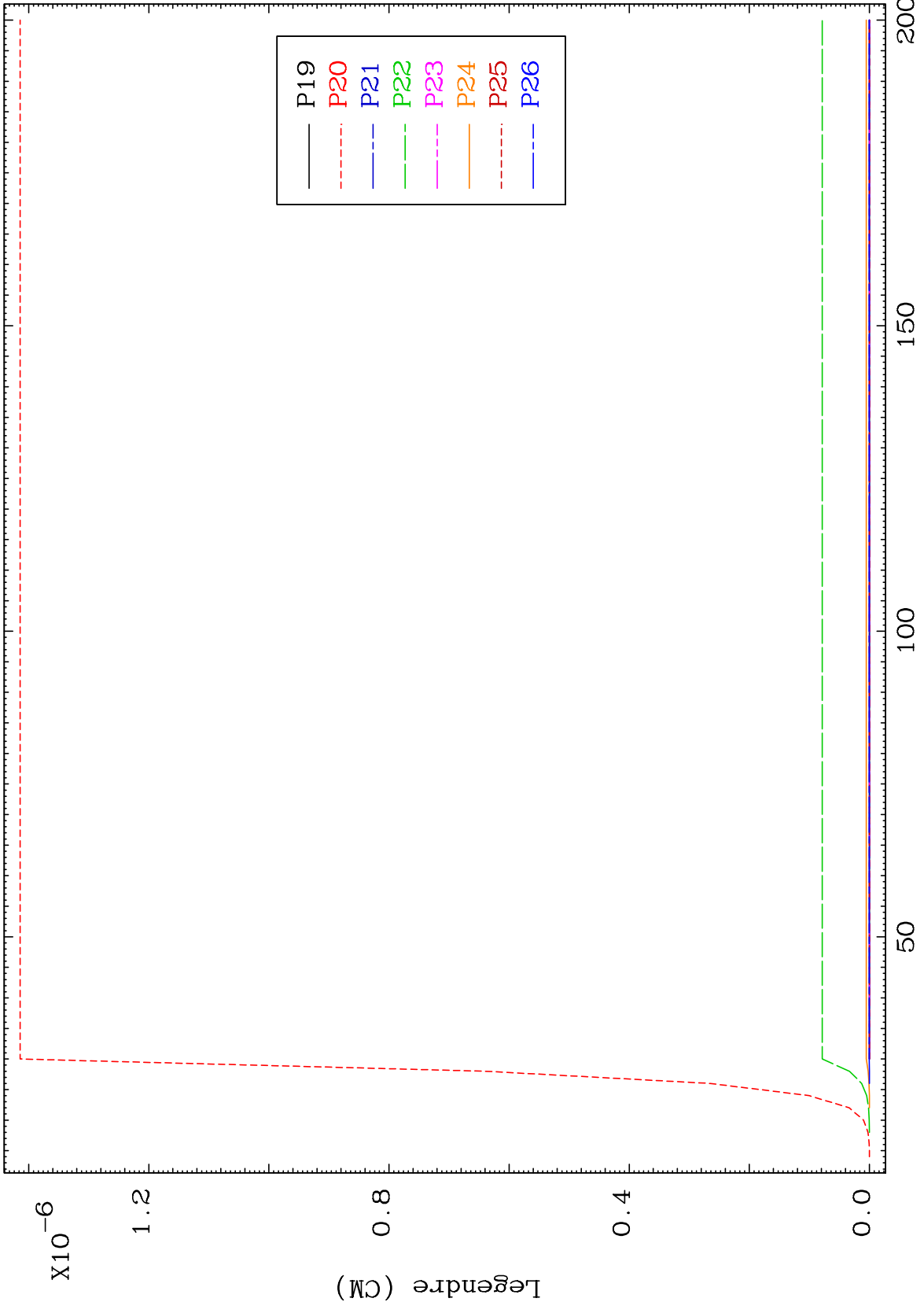
43 50-Sn-113

MAT 5028 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-113



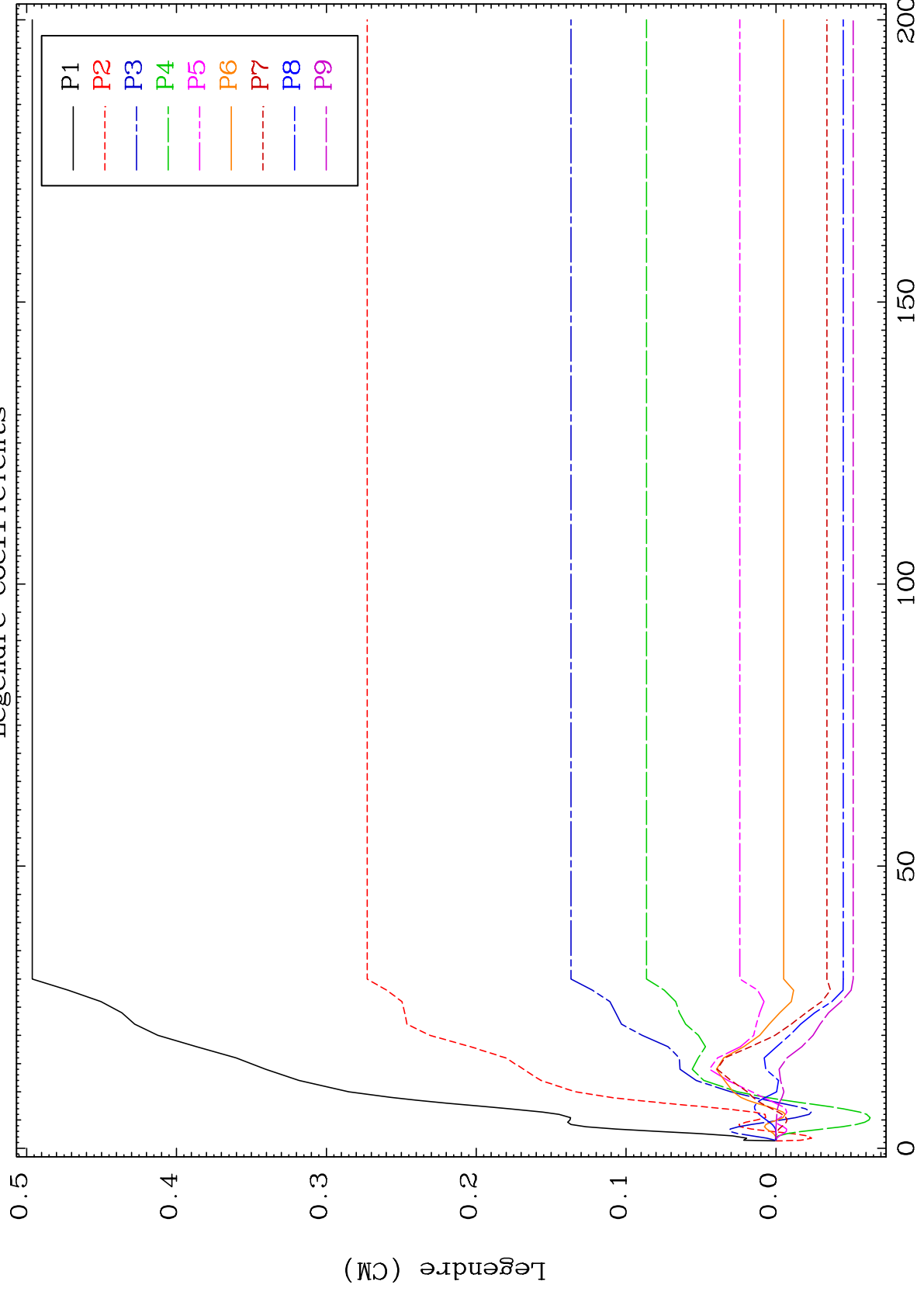
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MAT 5028 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-113



45 50 100 150 200 Incident Energy (MeV) 50-Sn-113

MAT 5028 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-113

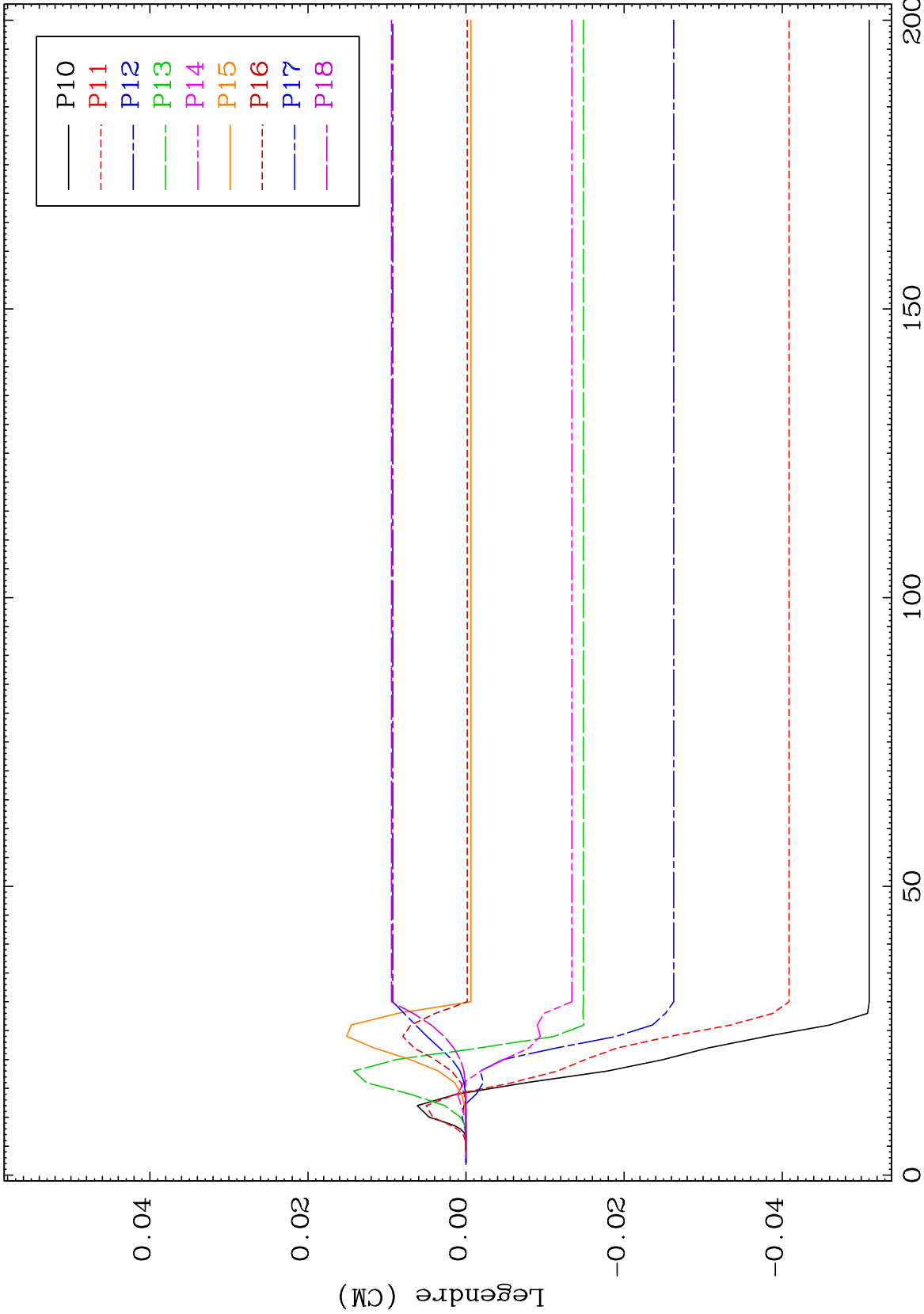


46 50-Sn-113

MAT 5028

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

50-Sn-113



47

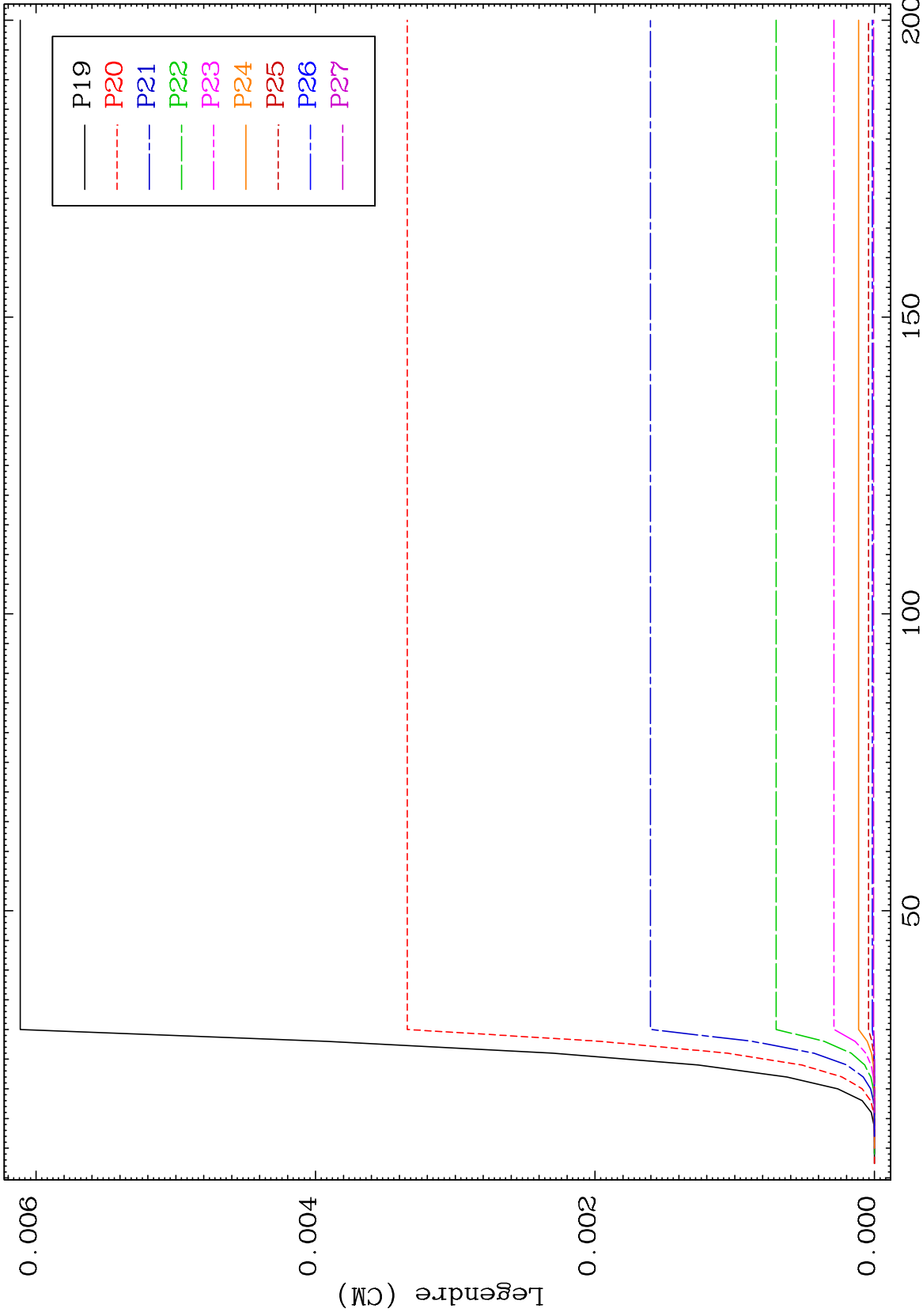
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

50-Sn-113



48

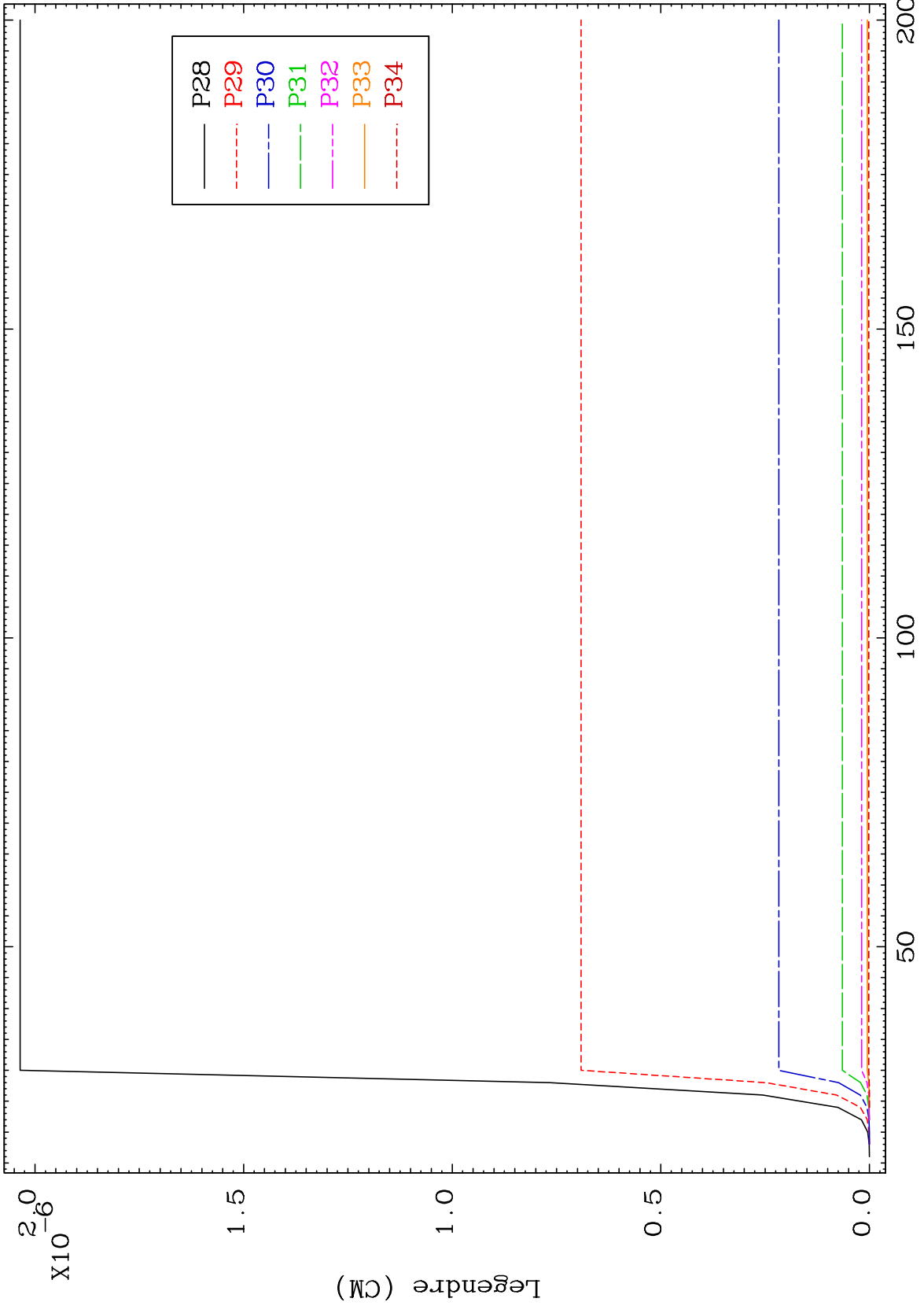
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

50-Sn-113

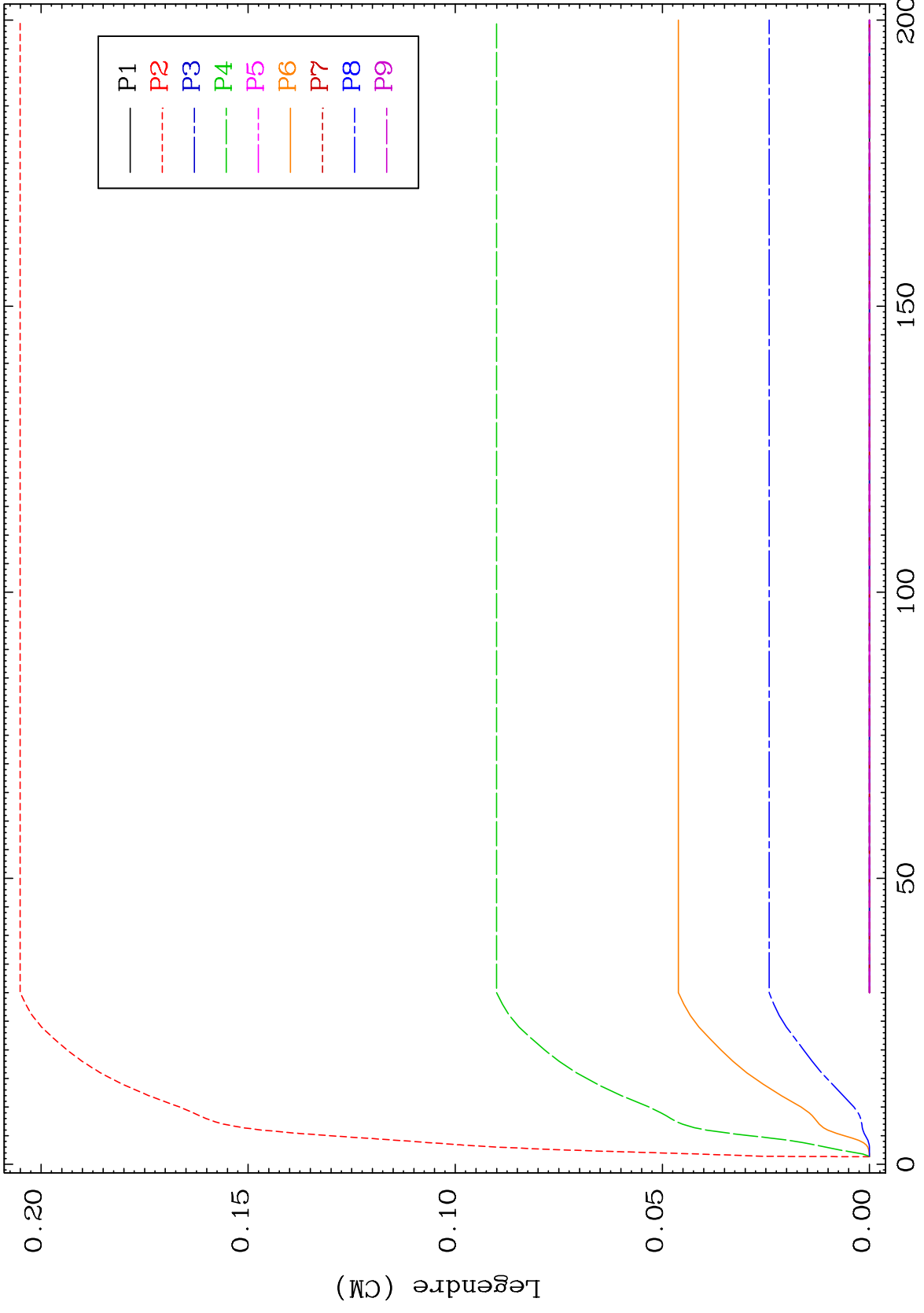


49

Incident Energy (MeV)

50-Sn-113

MAT 5028 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-113

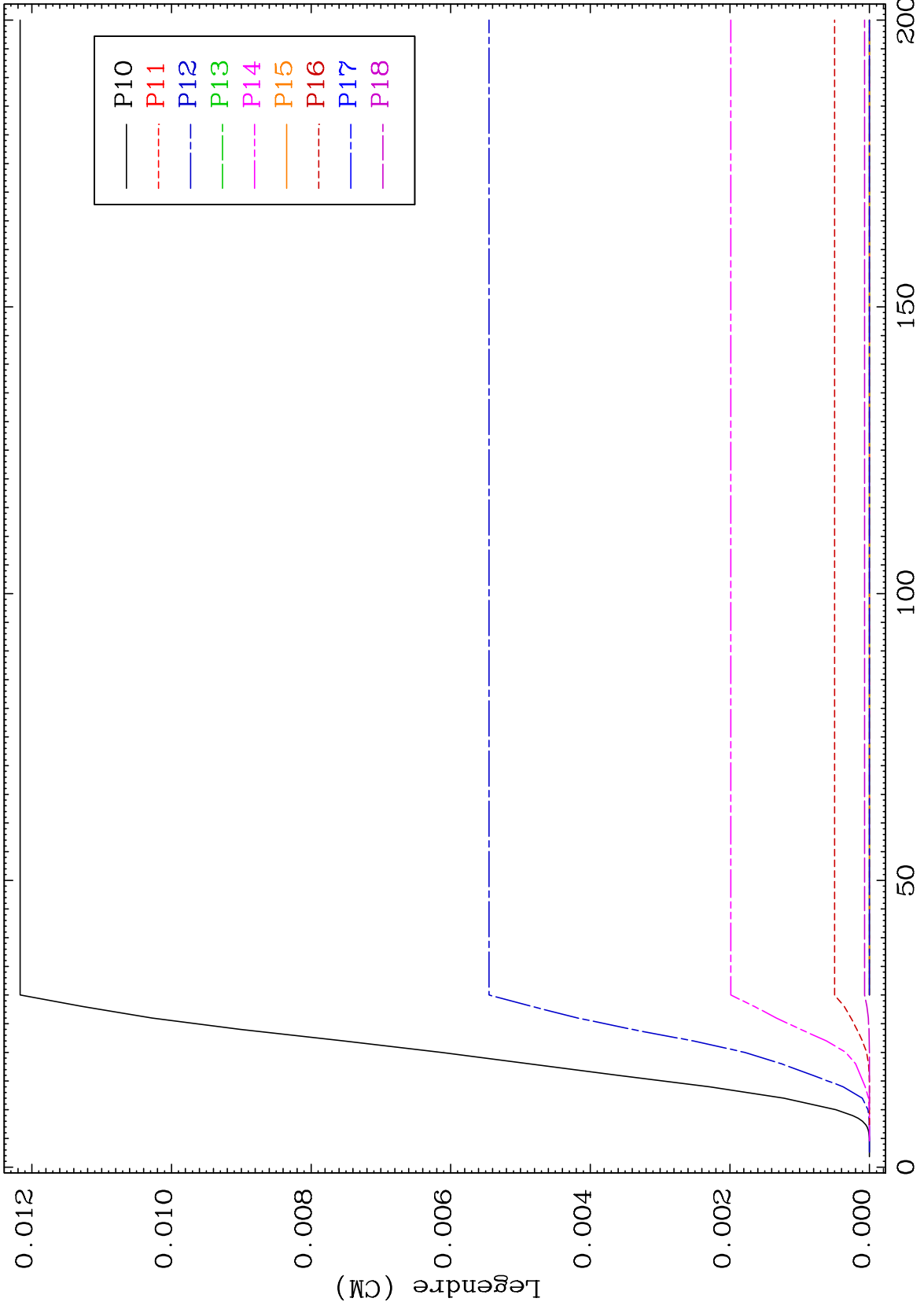


Incident Energy (MeV) 50-Sn-113

MAT 5028

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

50-Sn-113

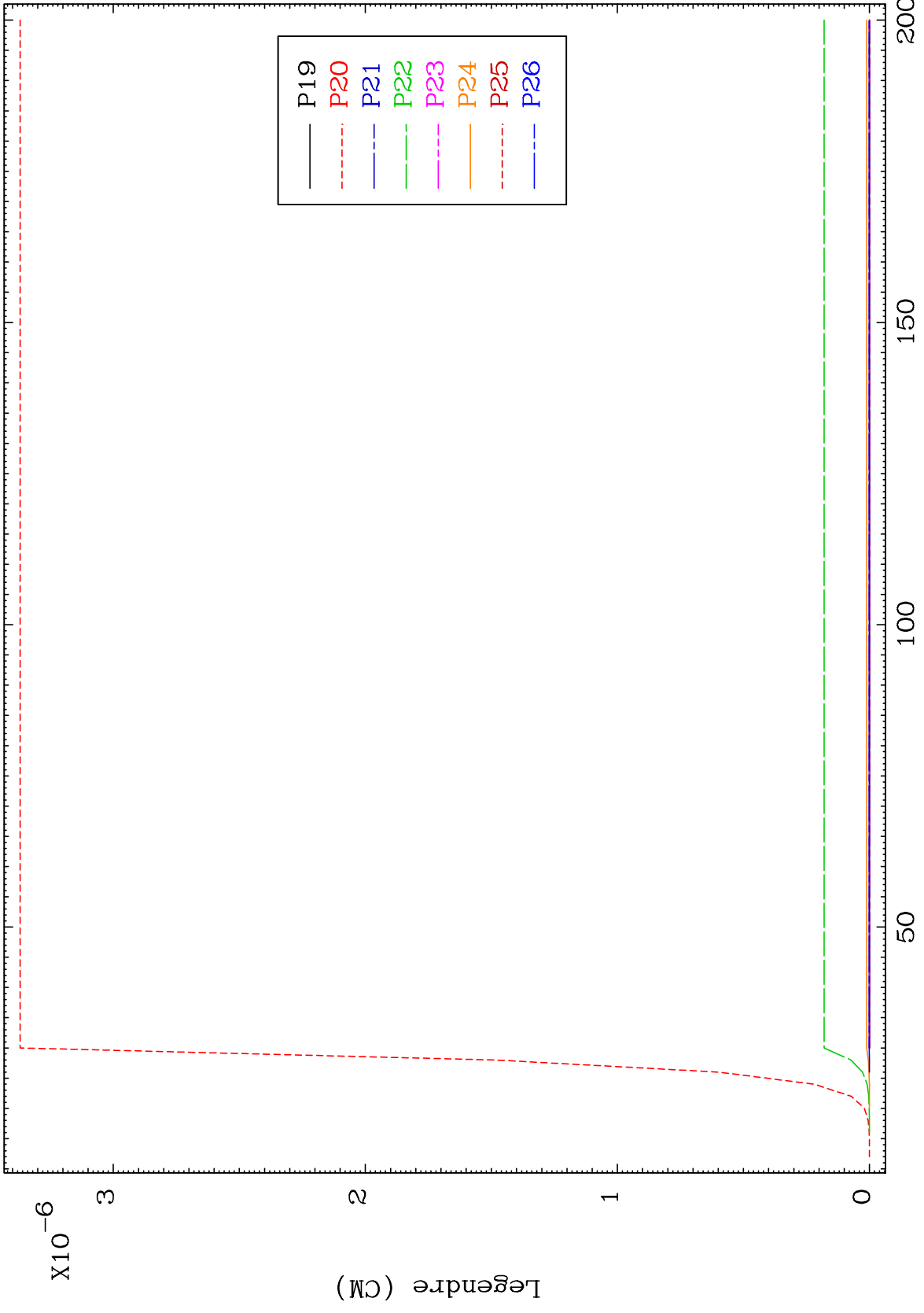


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Incident Energy (MeV)

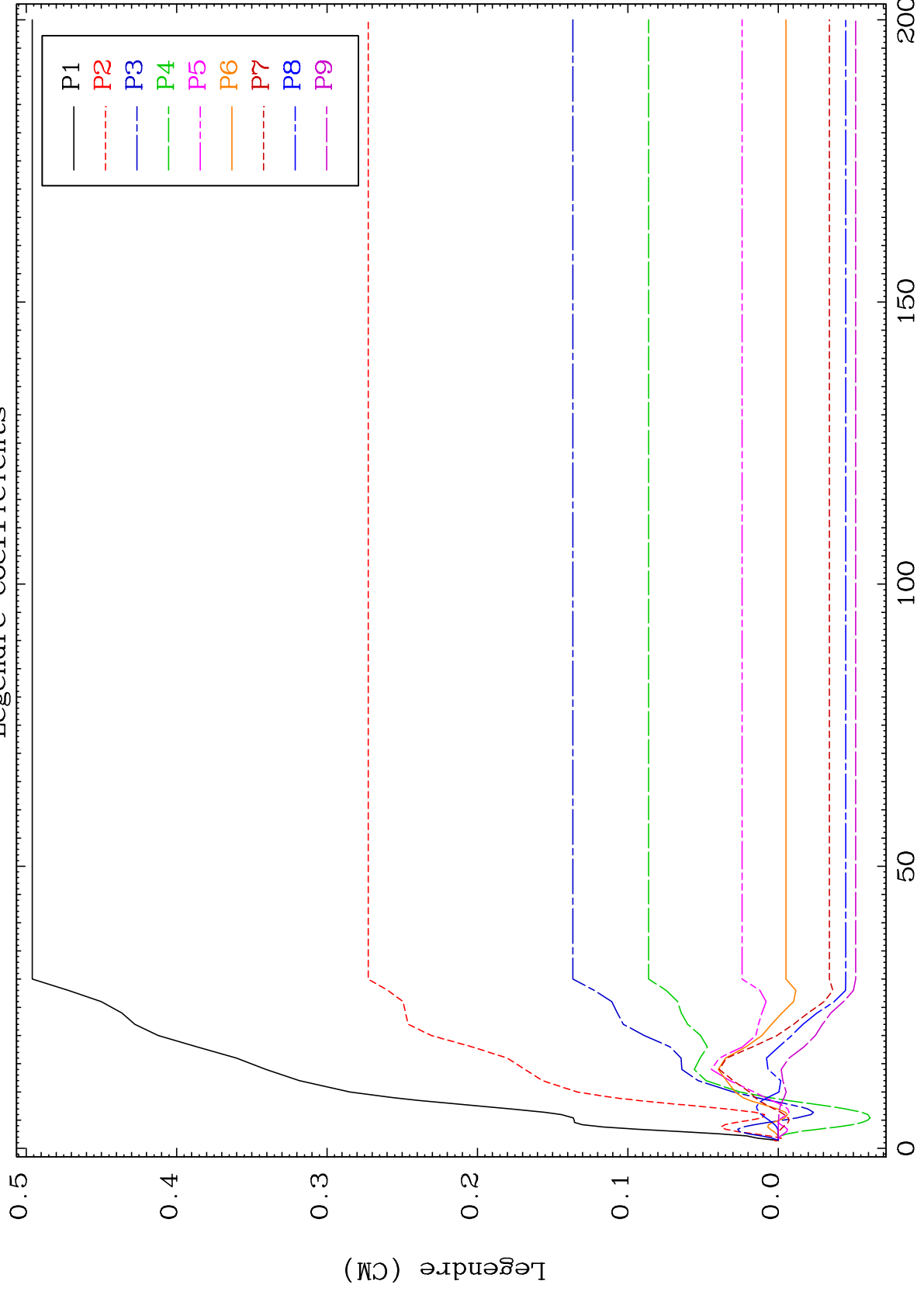
50-Sn-113

MAT 5028 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-113



52 Incident Energy (MeV) 50-Sn-113

MAT 5028 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-113

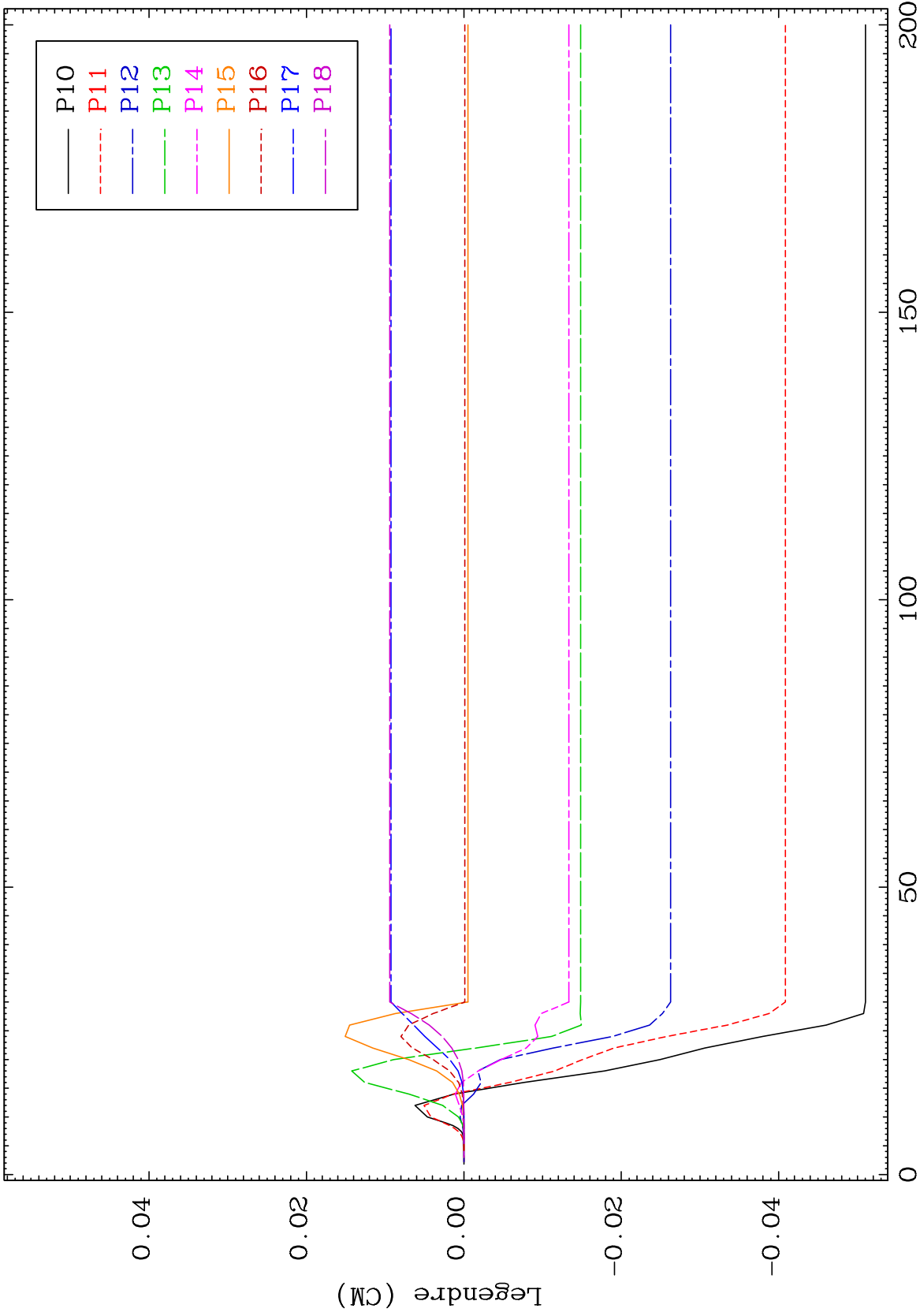


53 Incident Energy (MeV) 50-Sn-113

MAT 5028

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

50-Sn-113



54

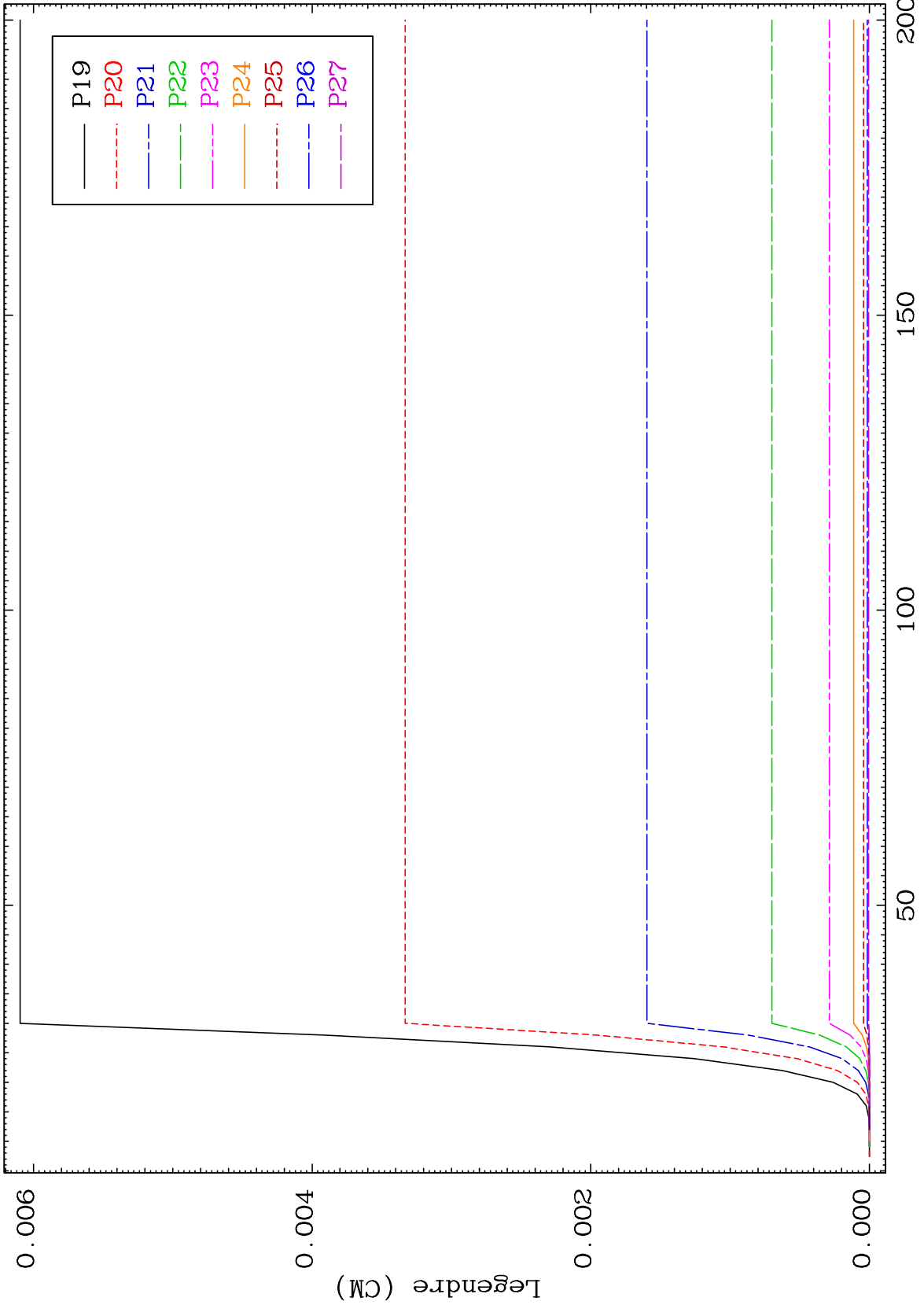
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

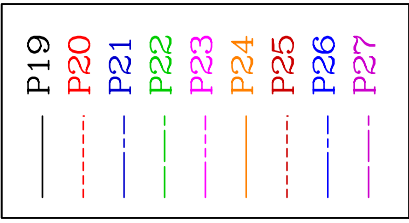
50-Sn-113



55

Incident Energy (MeV)

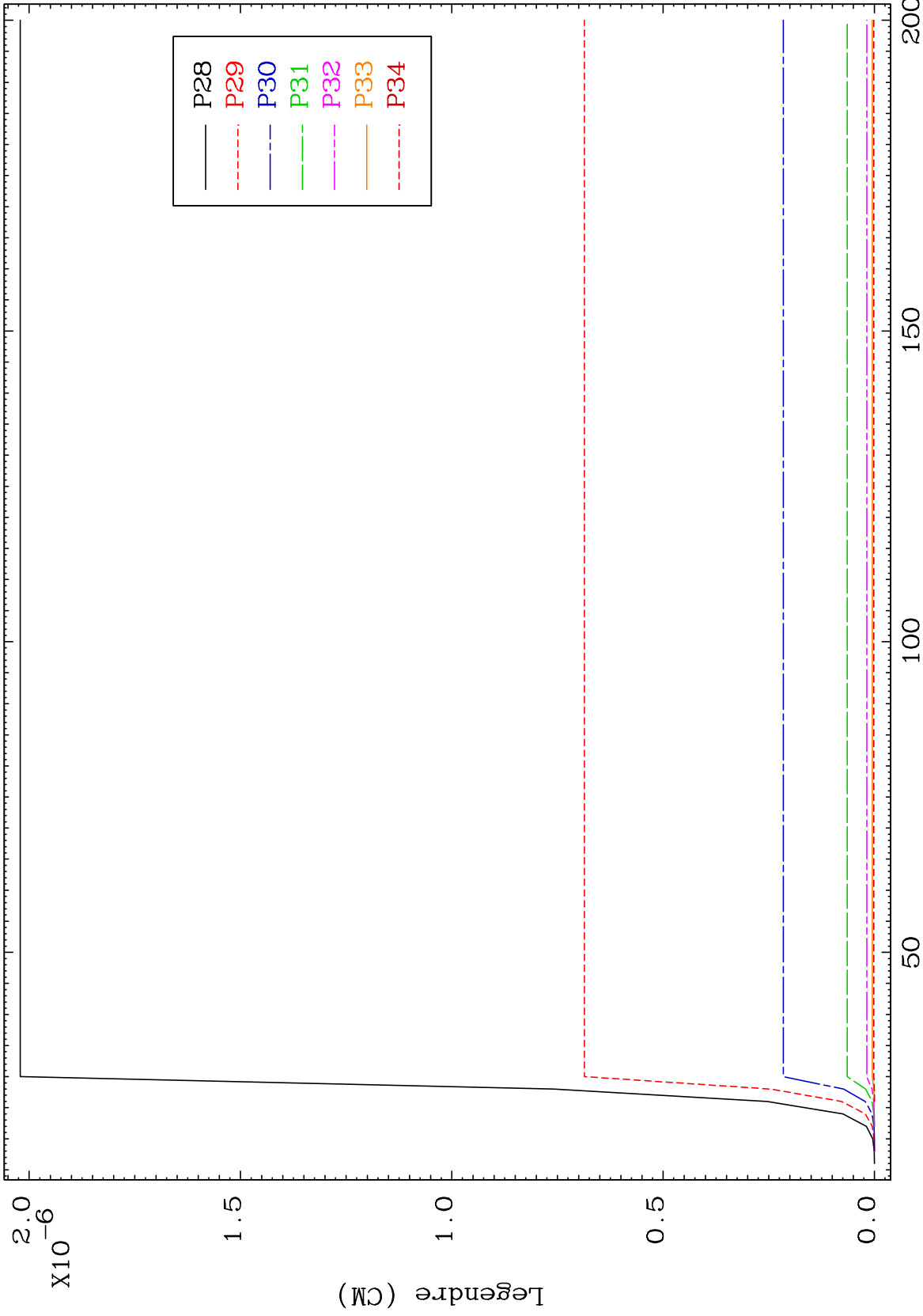
50-Sn-113



MAT 5028

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

50-Sn-113

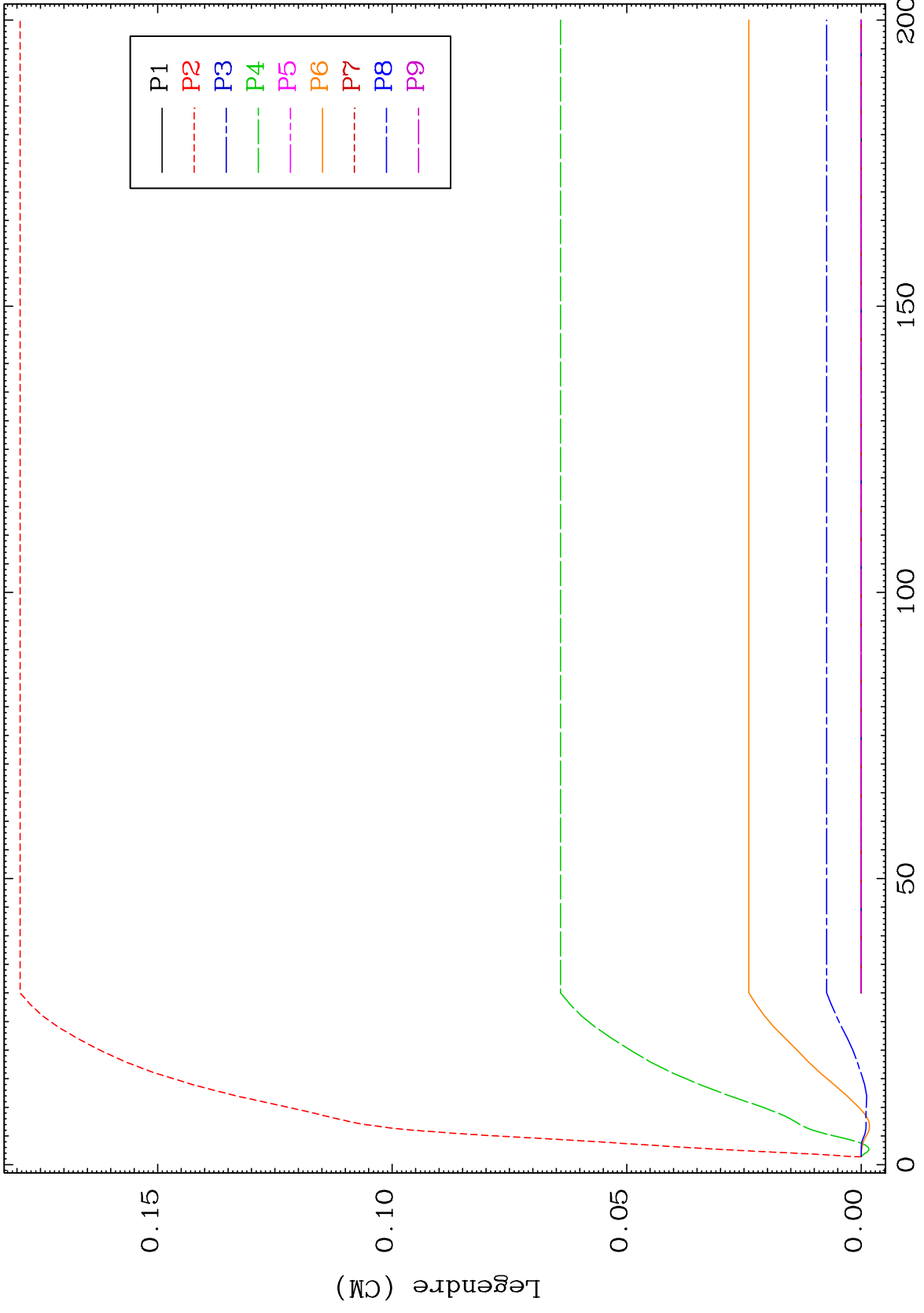


56

Incident Energy (MeV)

50-Sn-113

MAT 5028 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-113

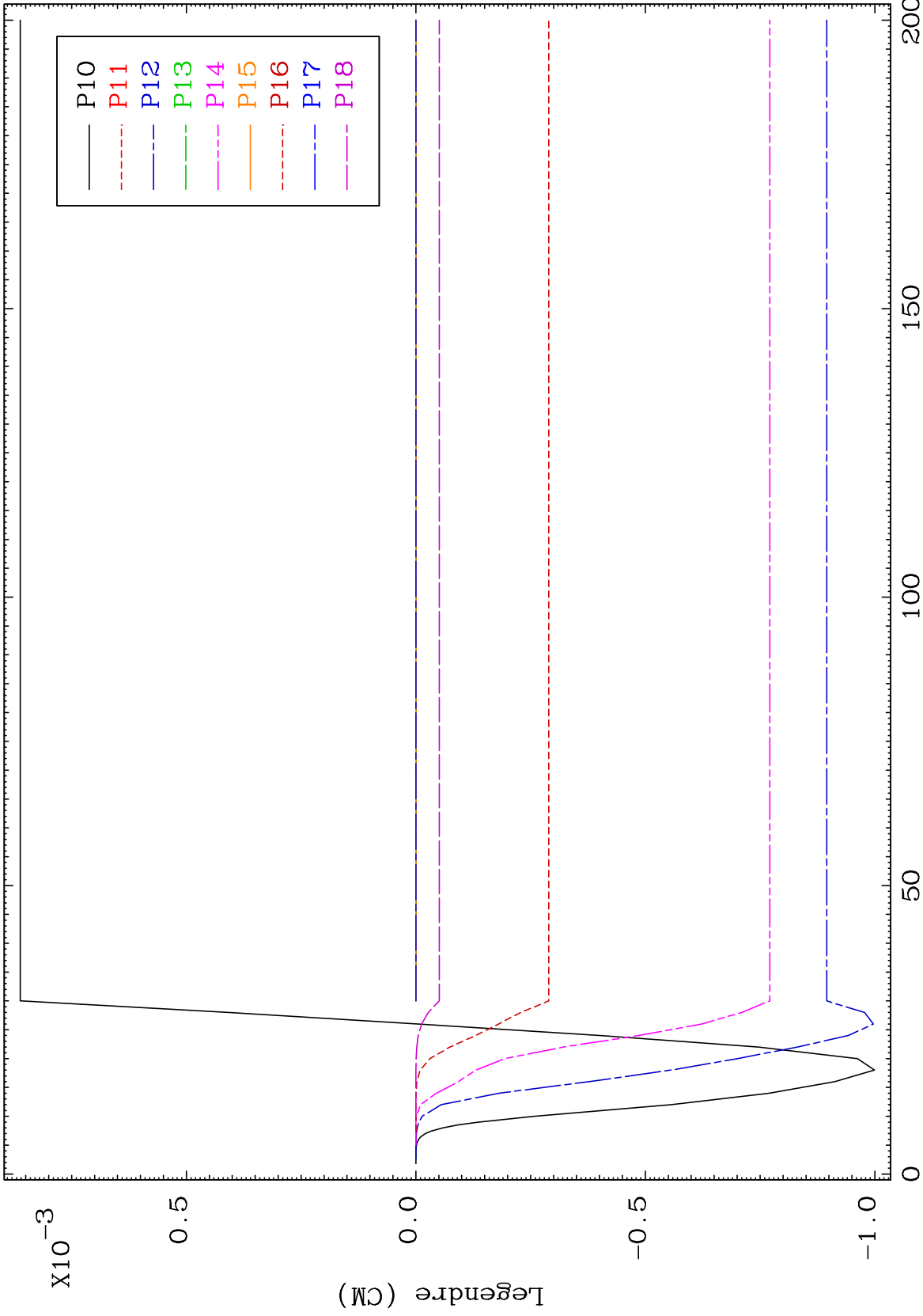


57 50-Sn-113

MAT 5028

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

50-Sn-113



58

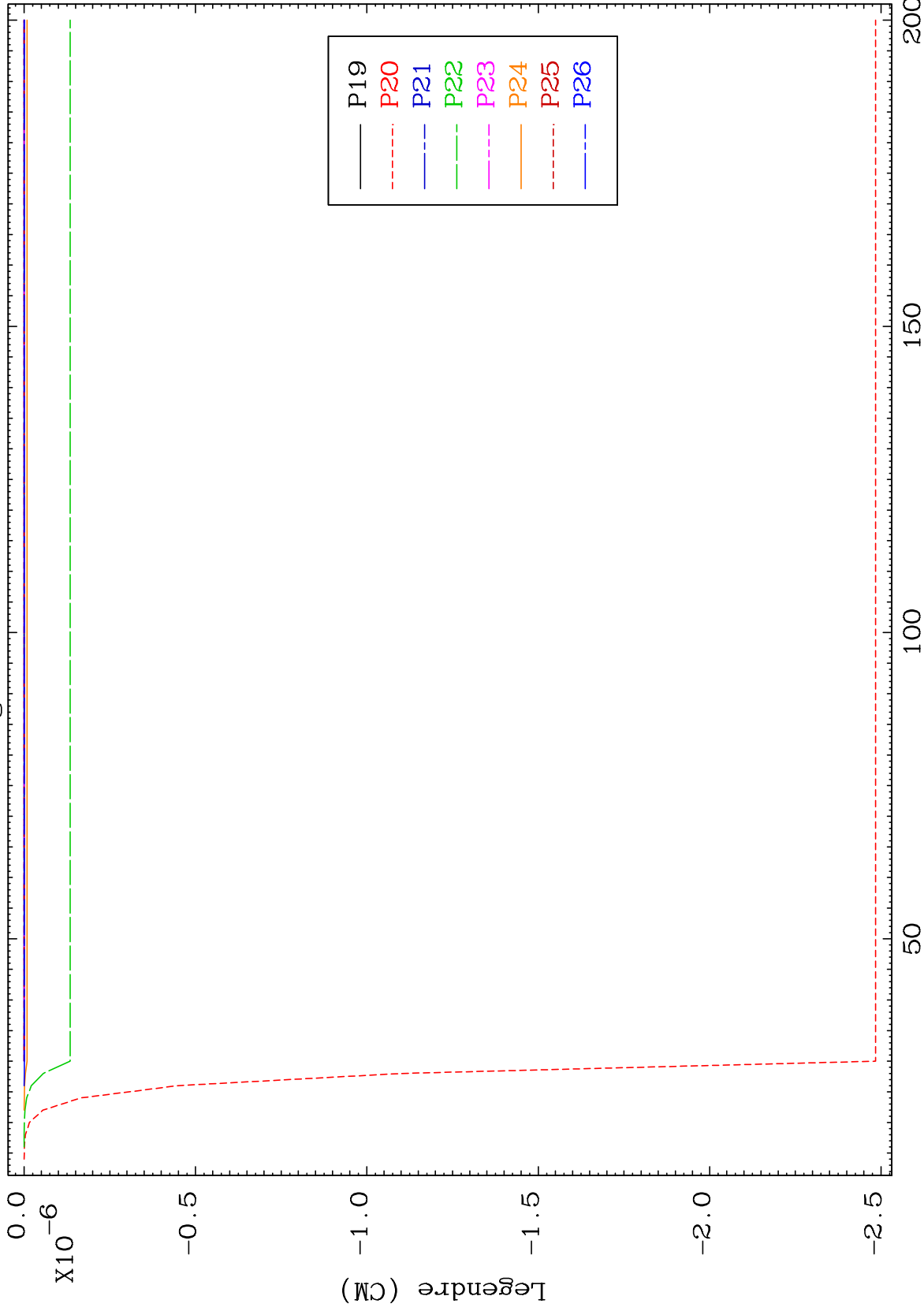
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

50-Sn-113

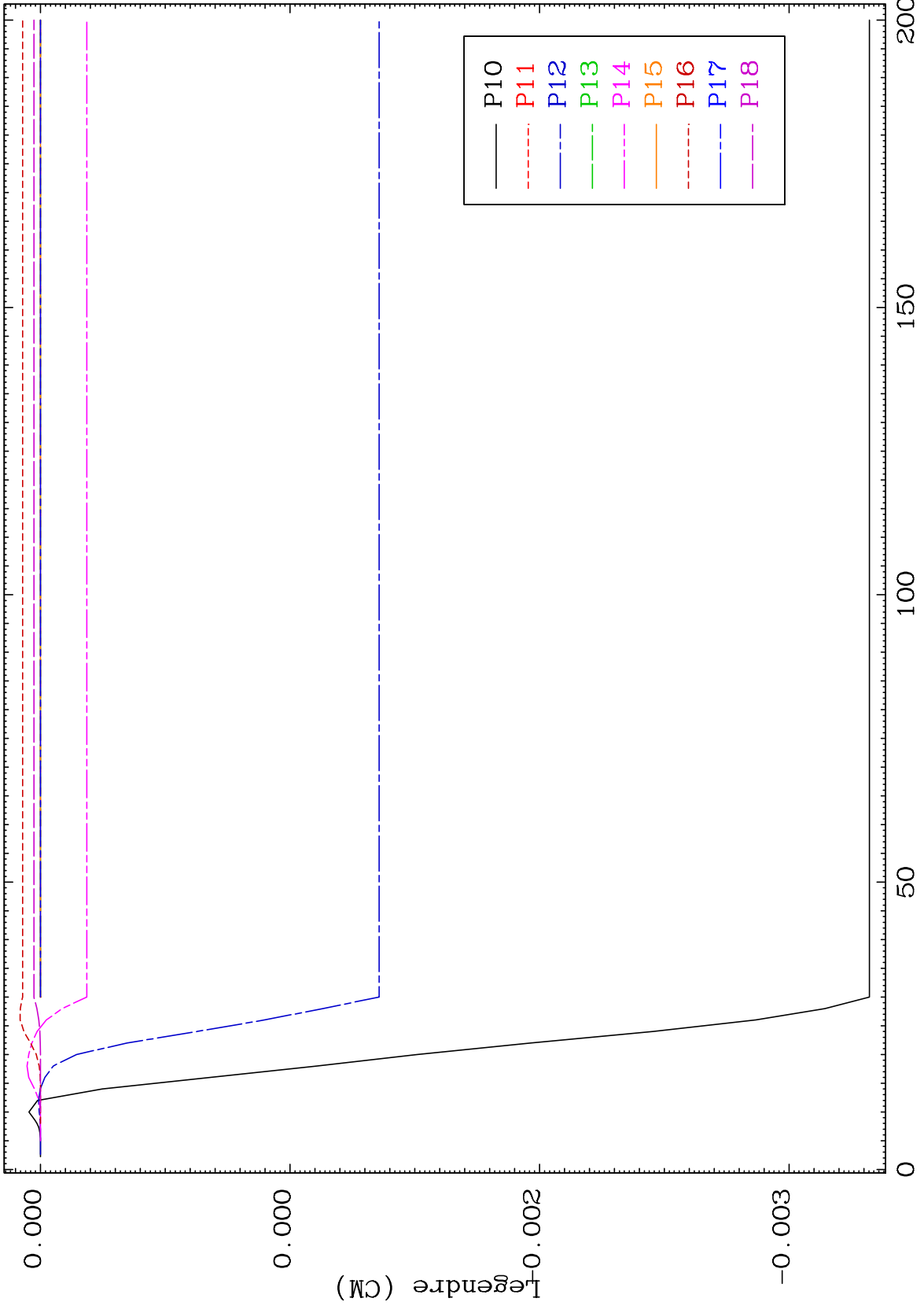


59

Incident Energy (MeV)

50-Sn-113

MAT 5028 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-113

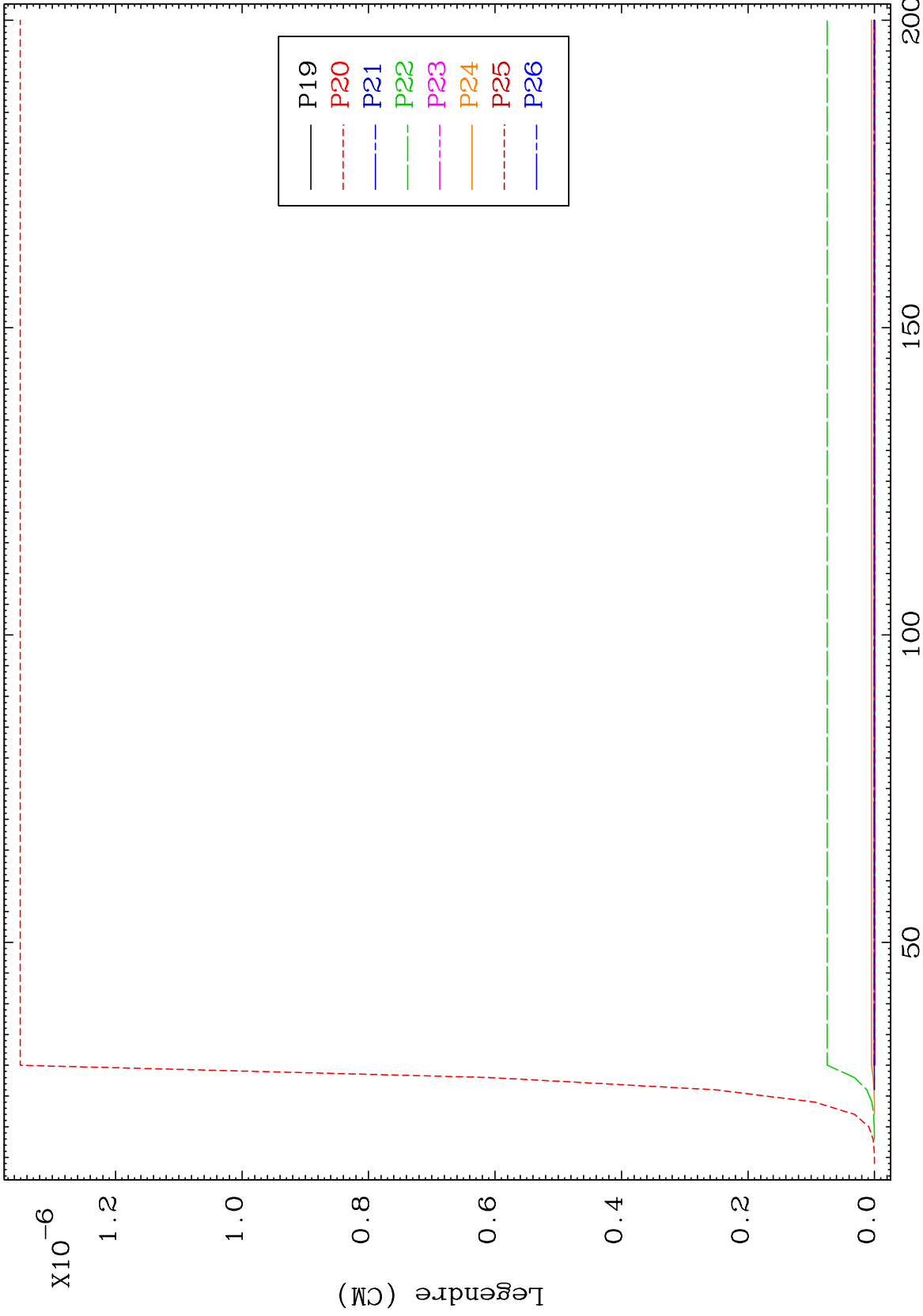


61 50-Sn-113

MAT 5028

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

50-Sn-113

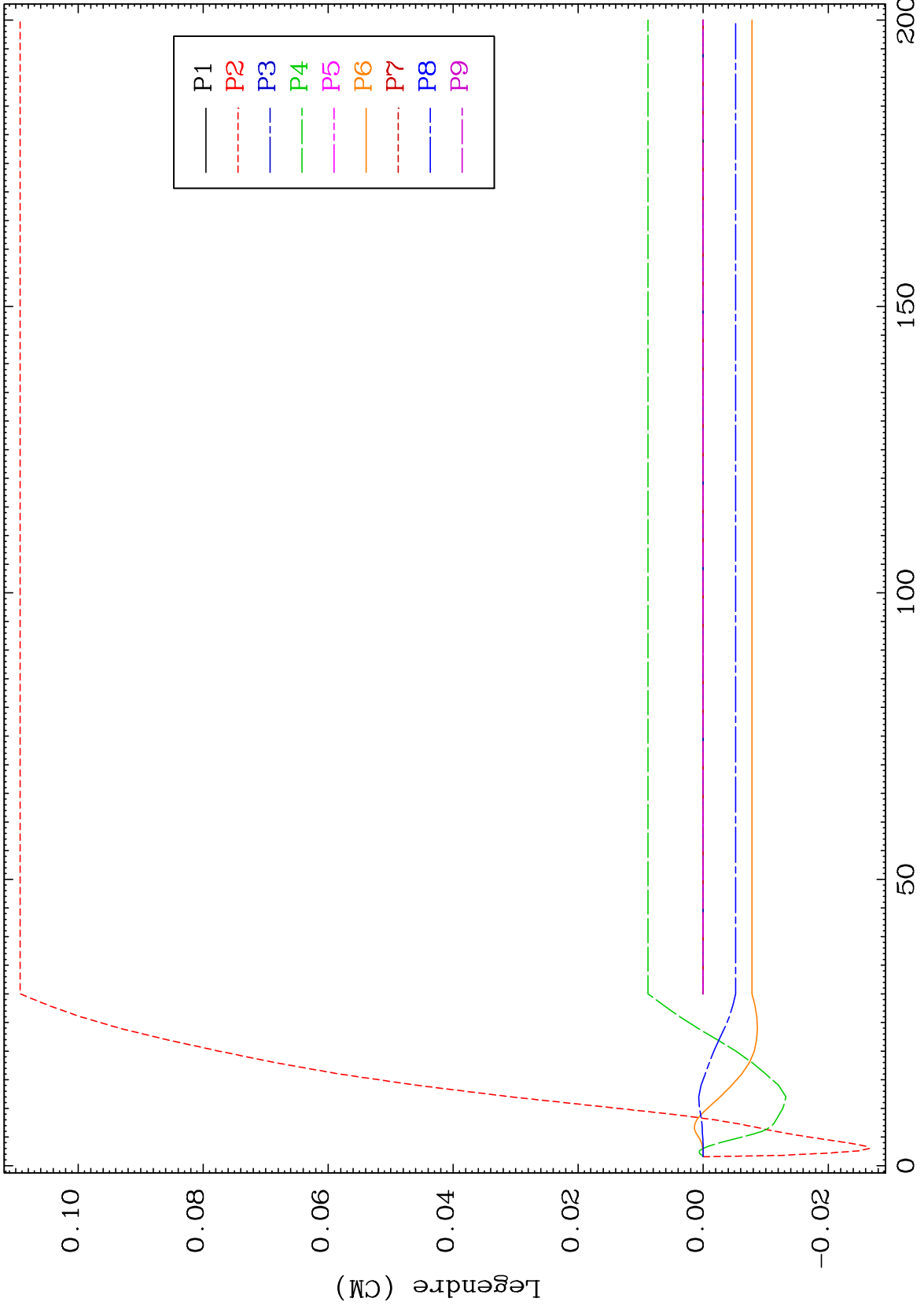


62

Incident Energy (MeV)

50-Sn-113

MAT 5028 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-113

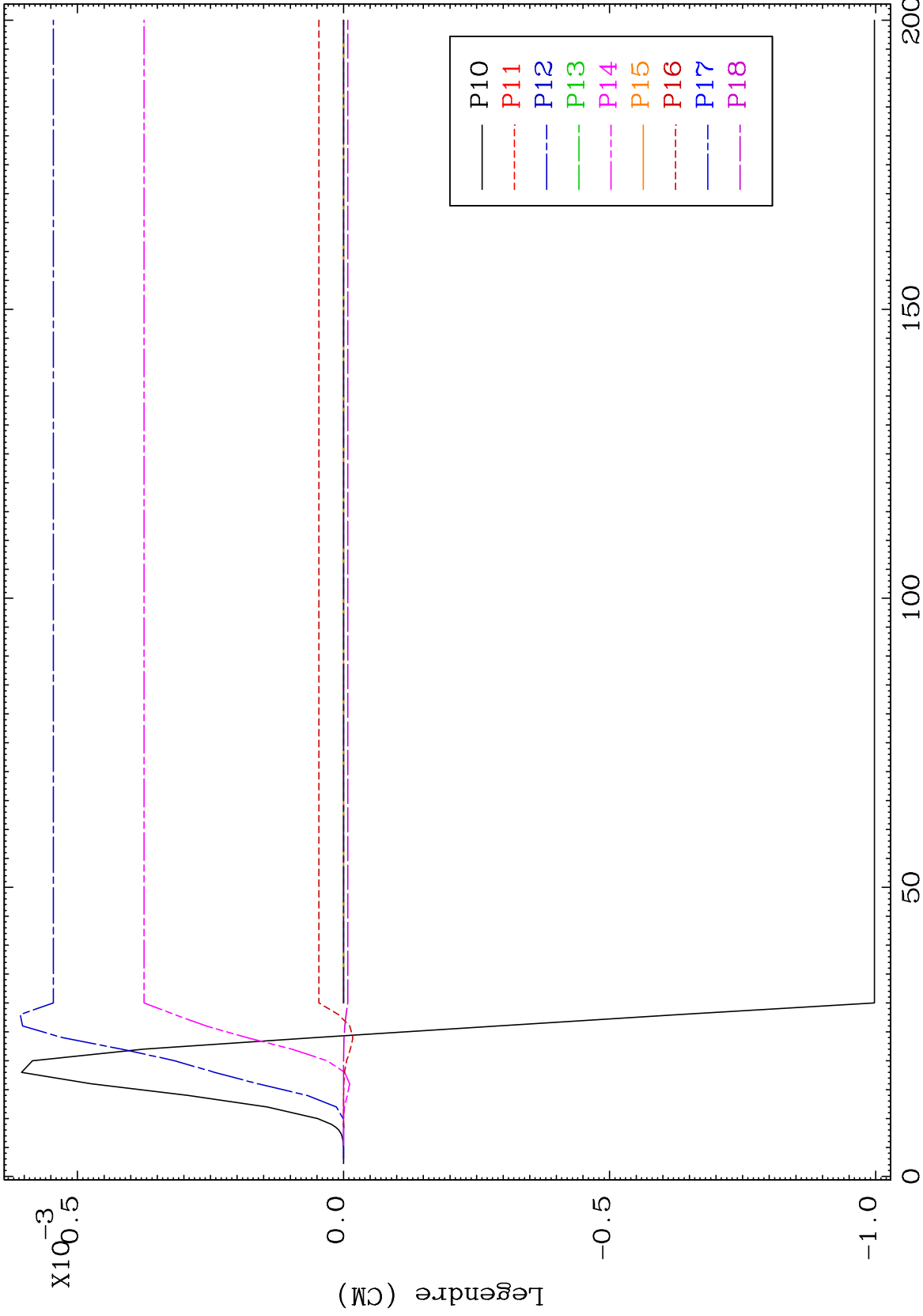


63 Incident Energy (MeV) 50-Sn-113

MAT 5028

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

50-Sn-113



64

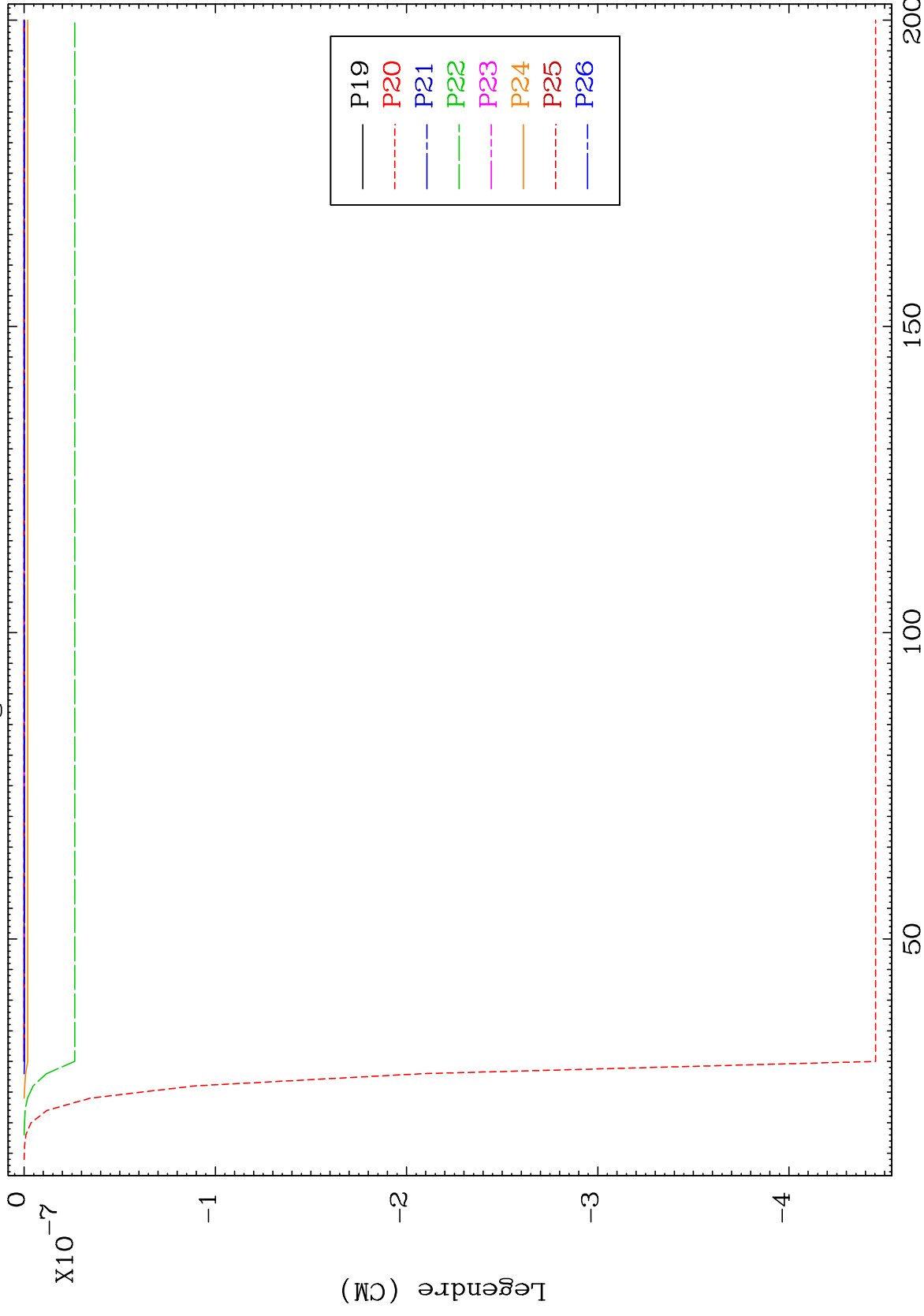
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

50-Sn-113

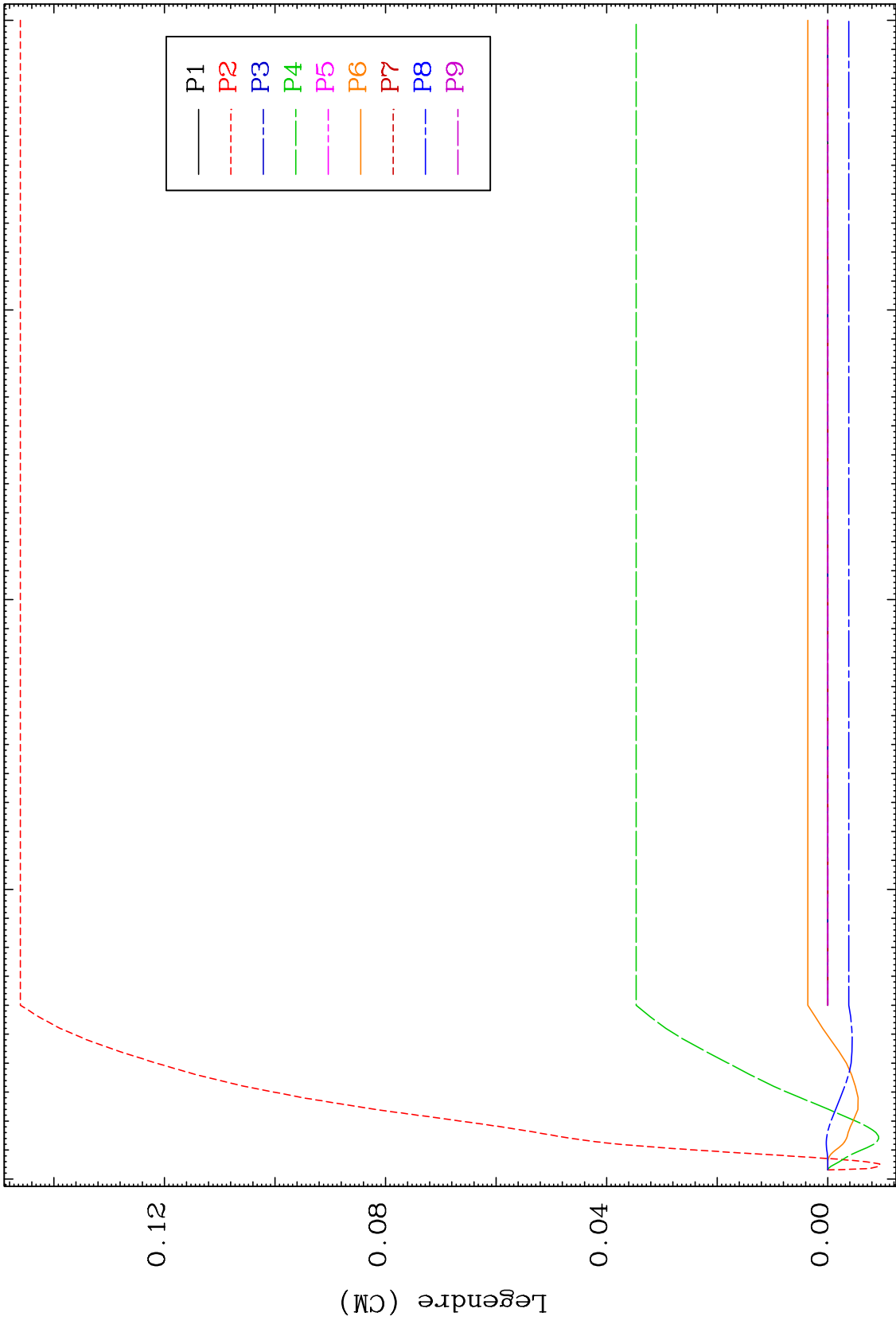


50-Sn-113

Incident Energy (MeV)

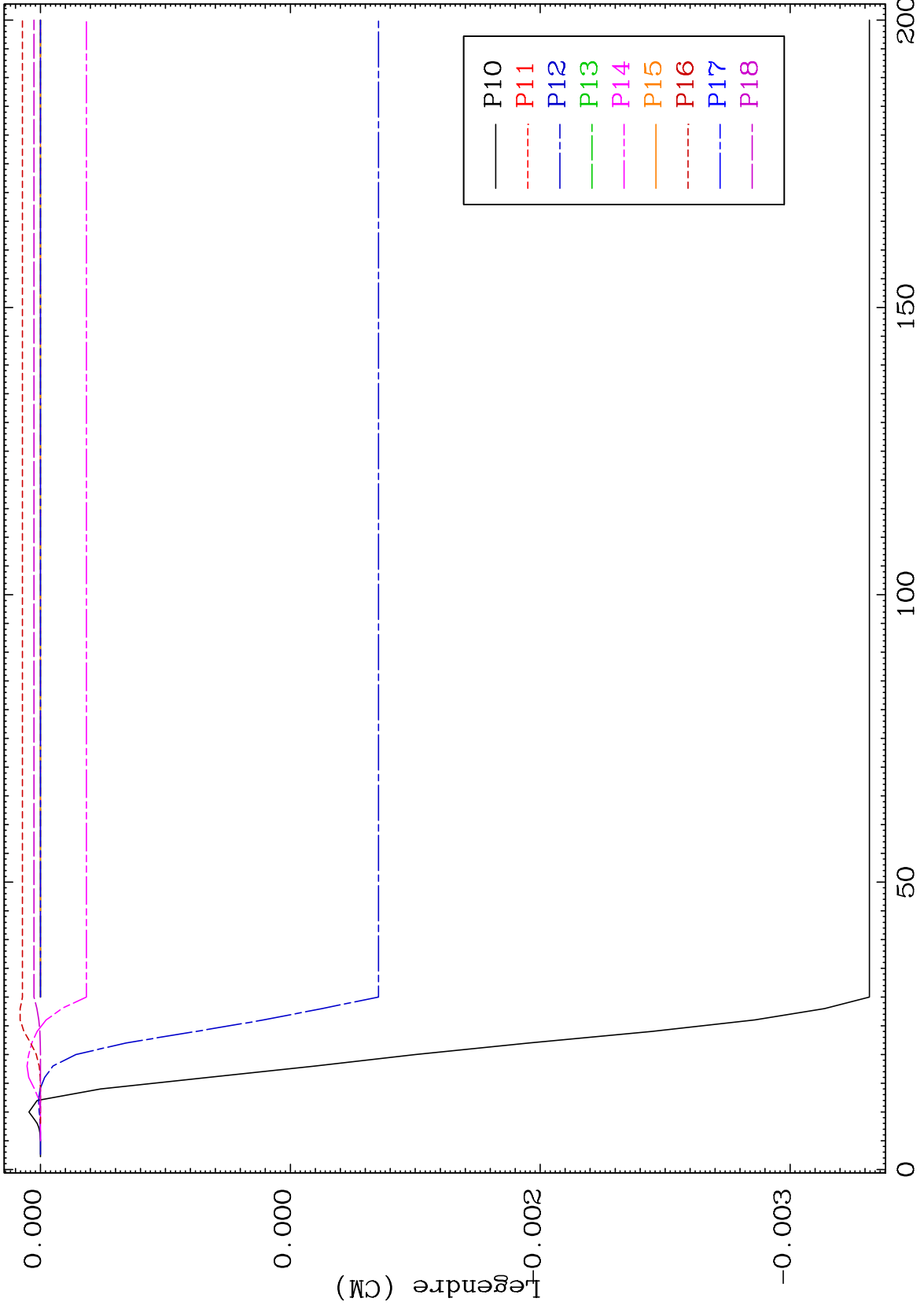
65

MAT 5028 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-113



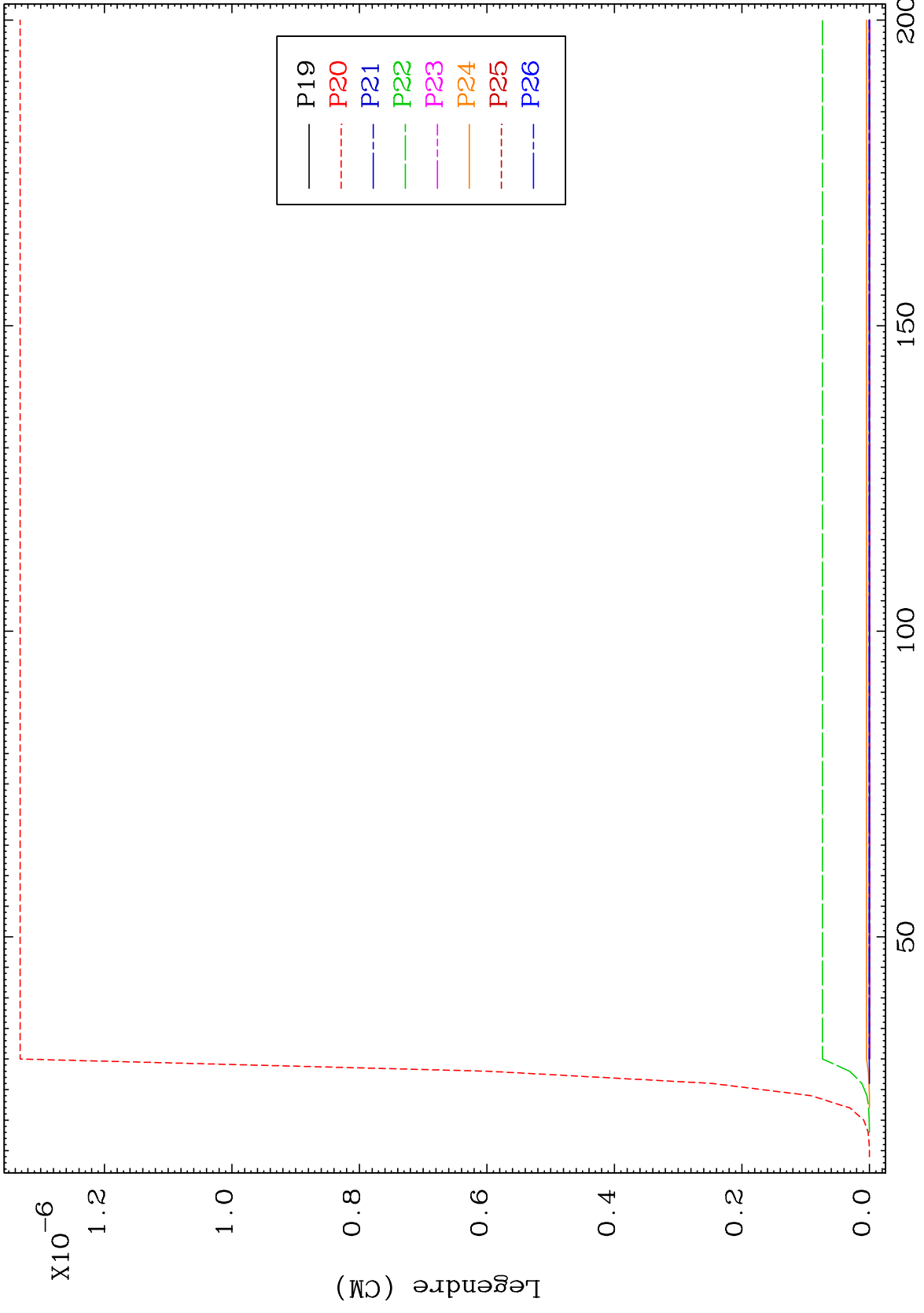
66 Incident Energy (MeV) 50-Sn-113

MAT 5028 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-113



67 50-Sn-113

MAT 5028 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-113

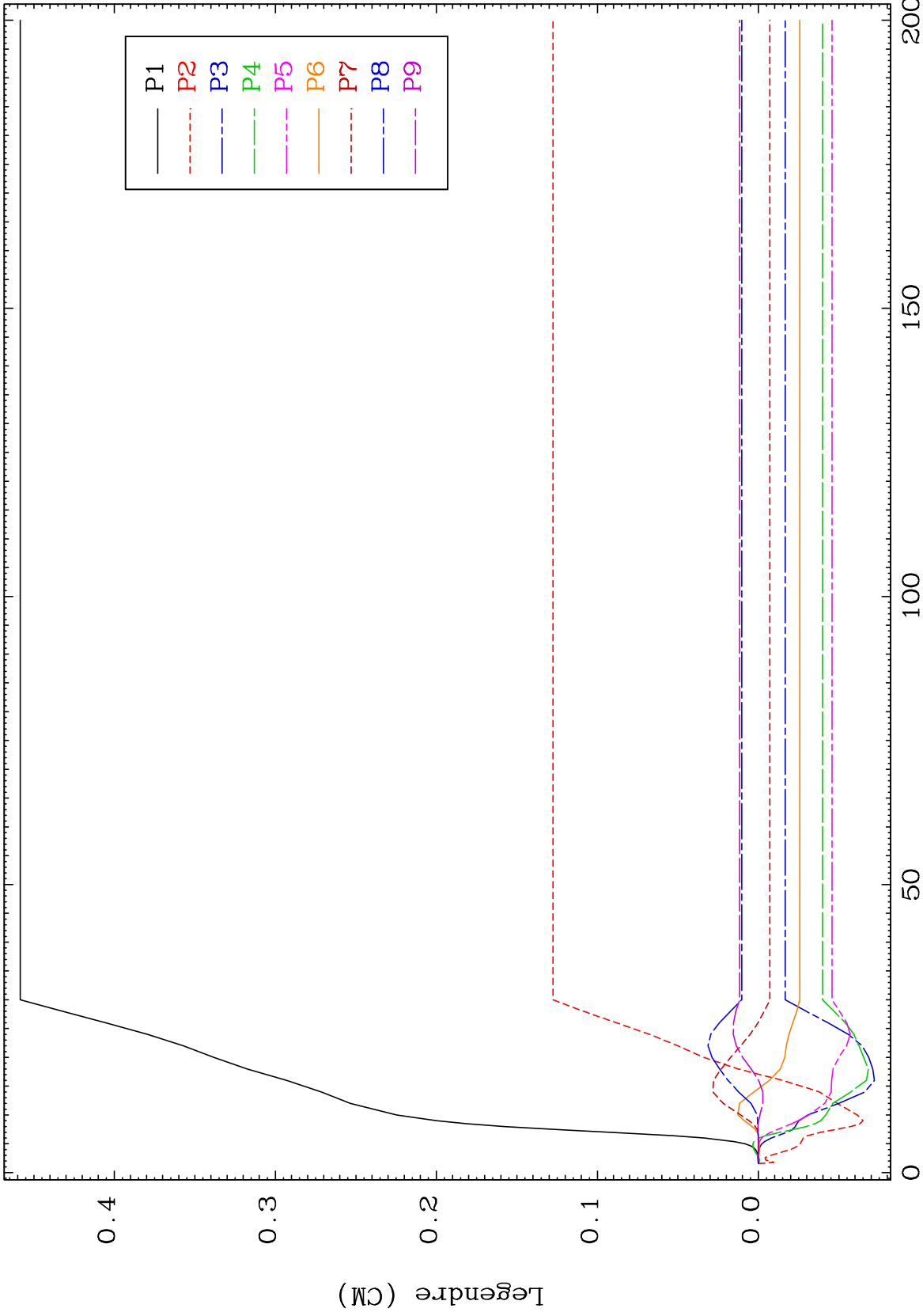


68 50-Sn-113

MAT 5028

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

50-Sn-113



69

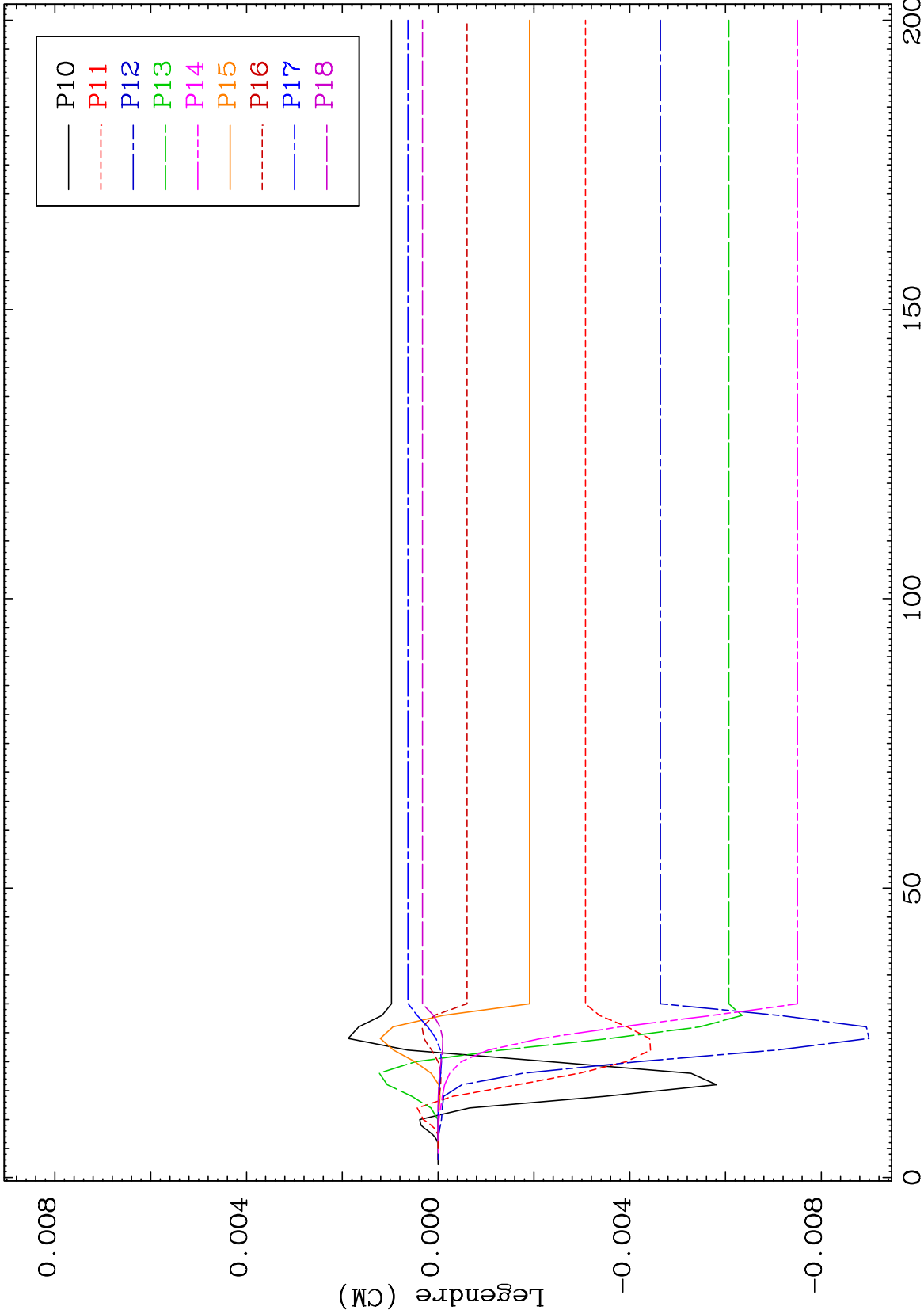
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

50-Sn-113



70

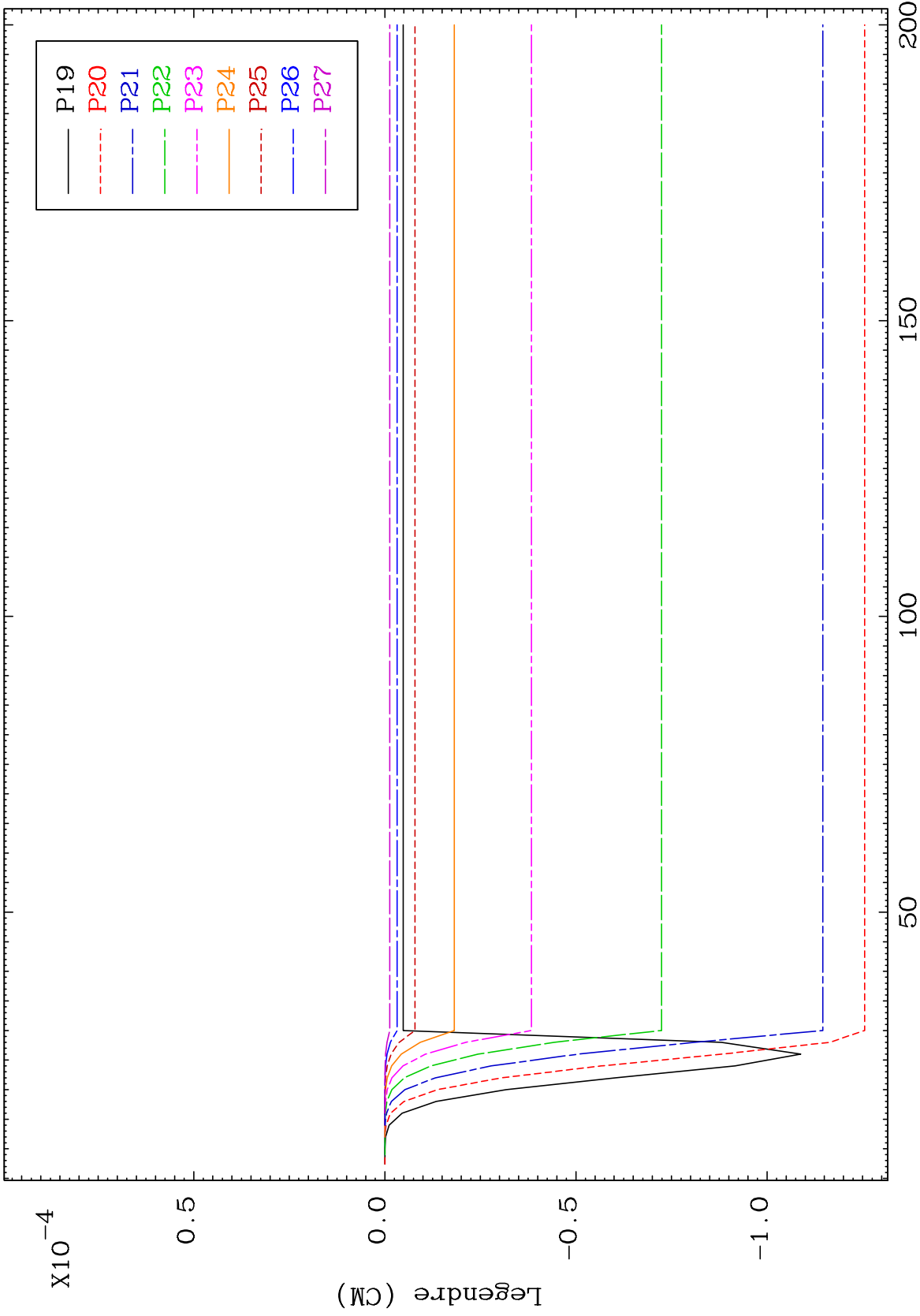
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

50-Sn-113



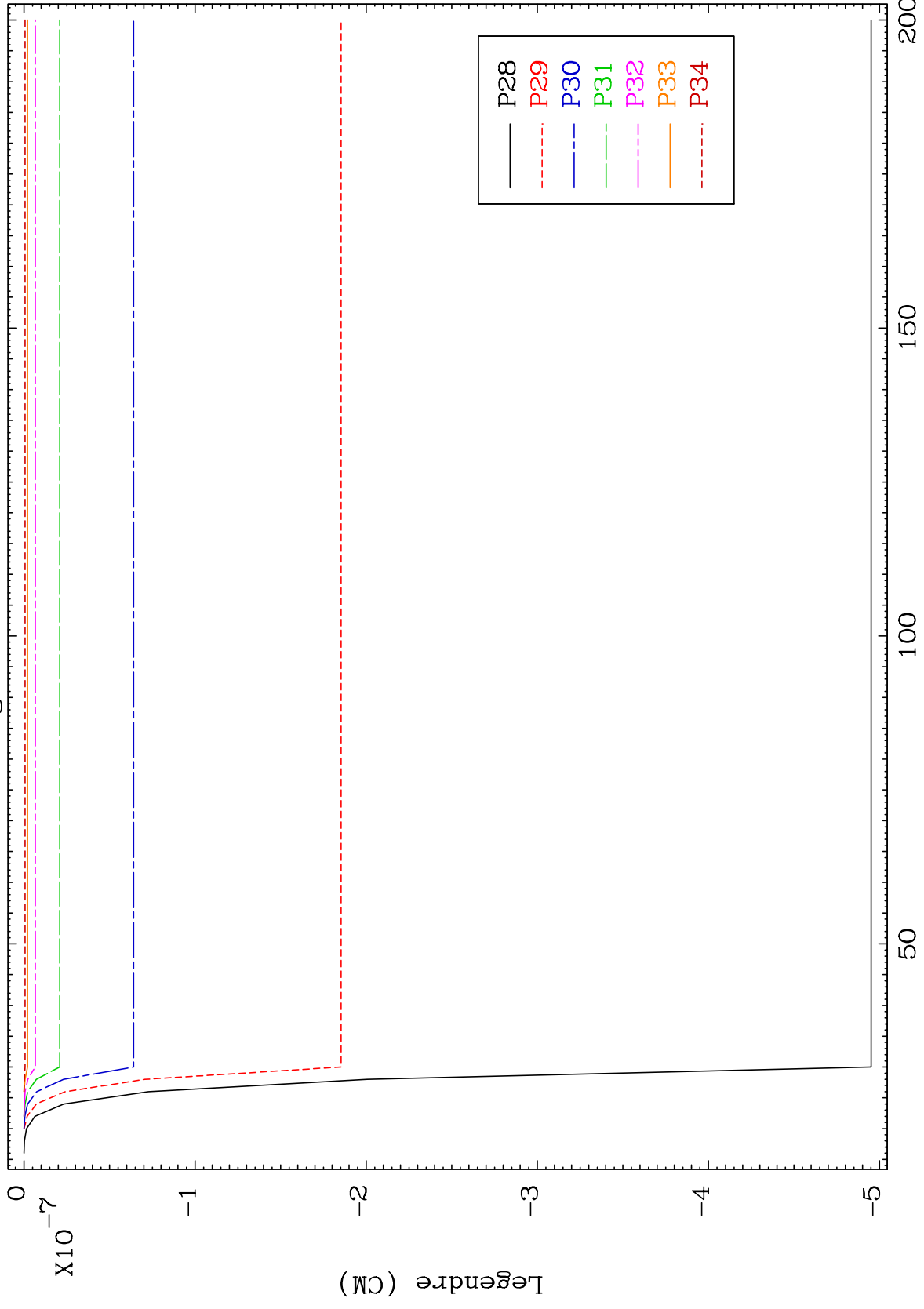
71

50-Sn-113

MAT 5028

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

50-Sn-113

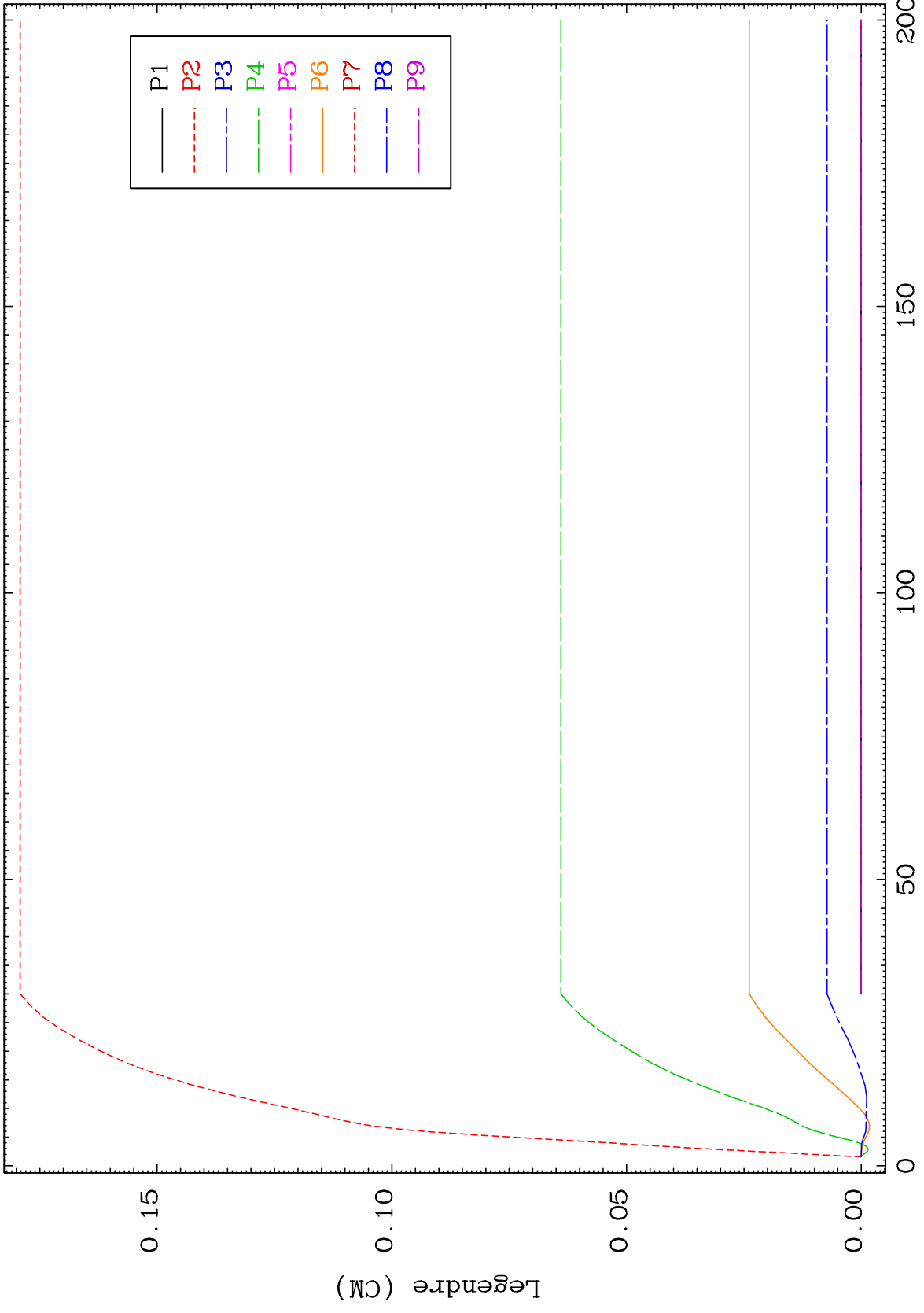


50-Sn-113

Incident Energy (MeV)

72

MAT 5028 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-113

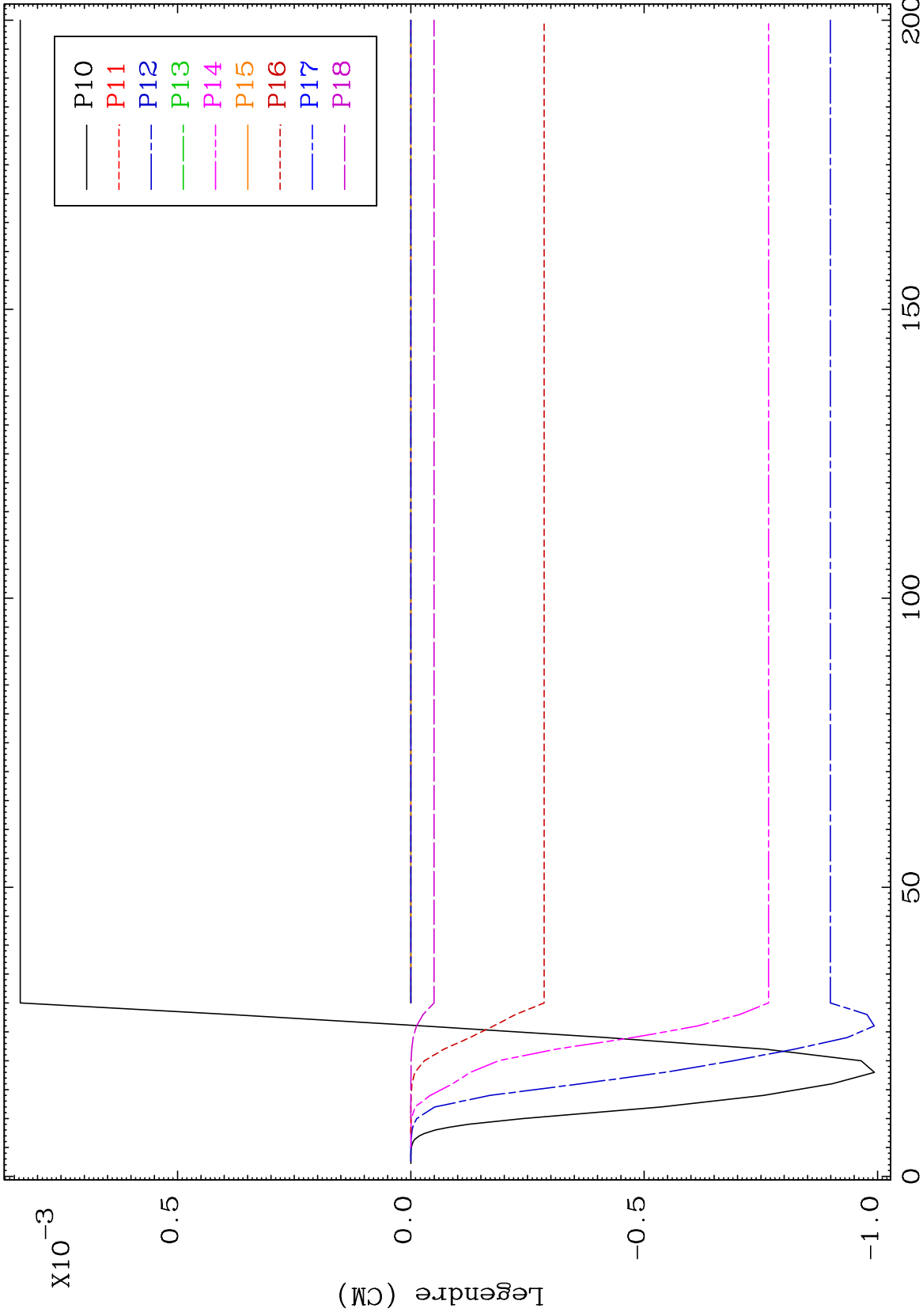


73 50-Sn-113

MAT 5028

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

50-Sn-113



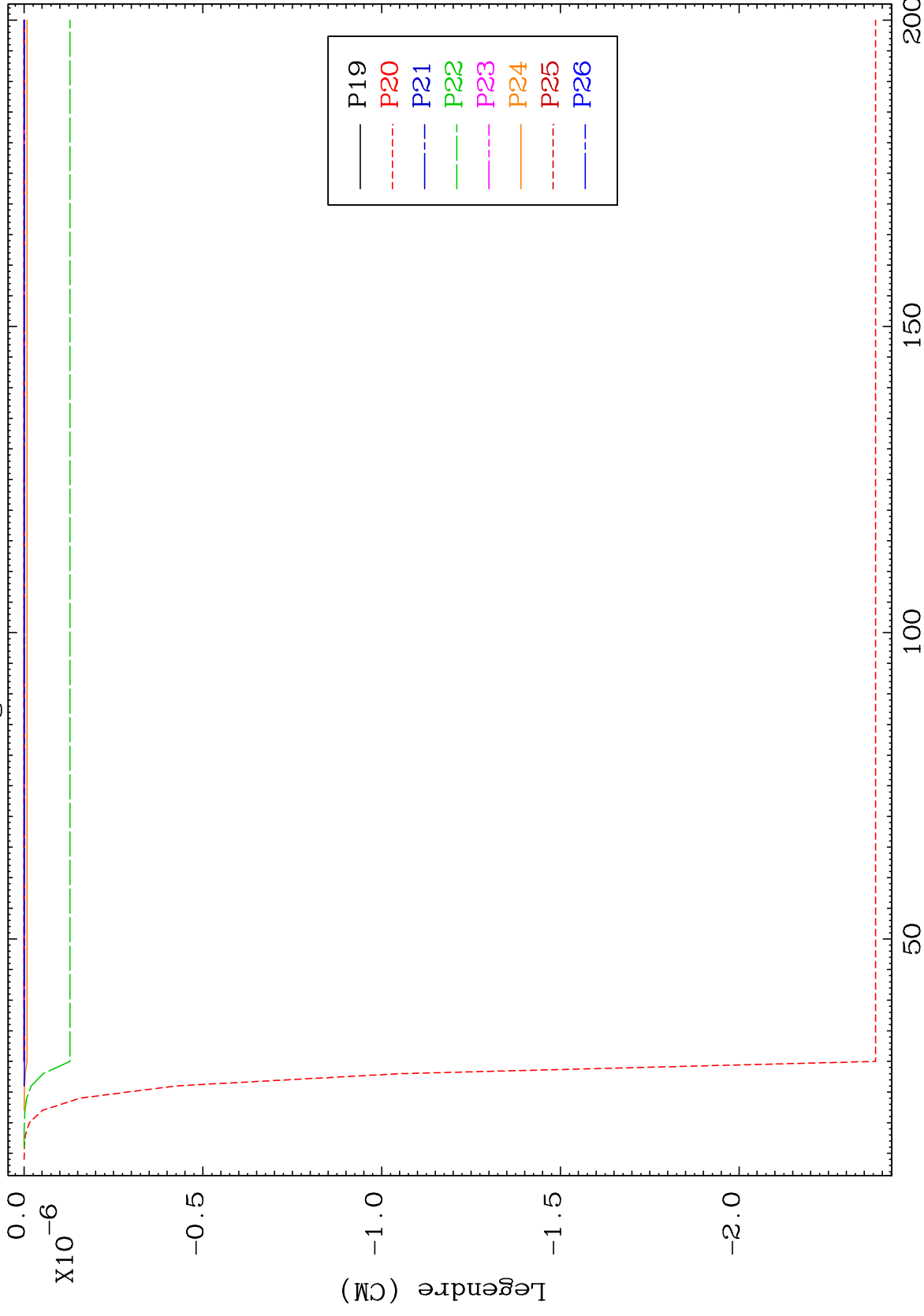
74

50-Sn-113

MAT 5028

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

50-Sn-113

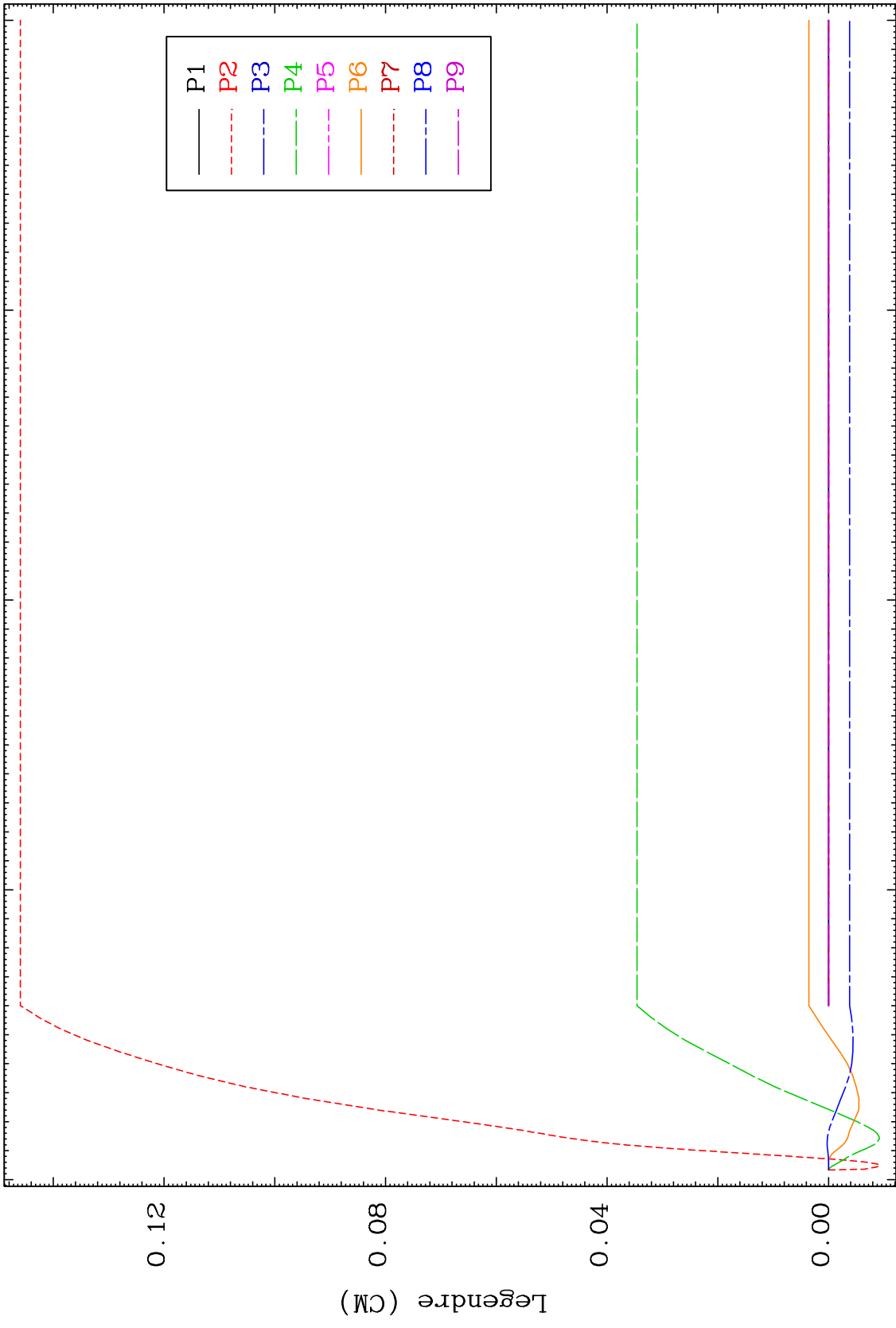


50-Sn-113

Incident Energy (MeV)

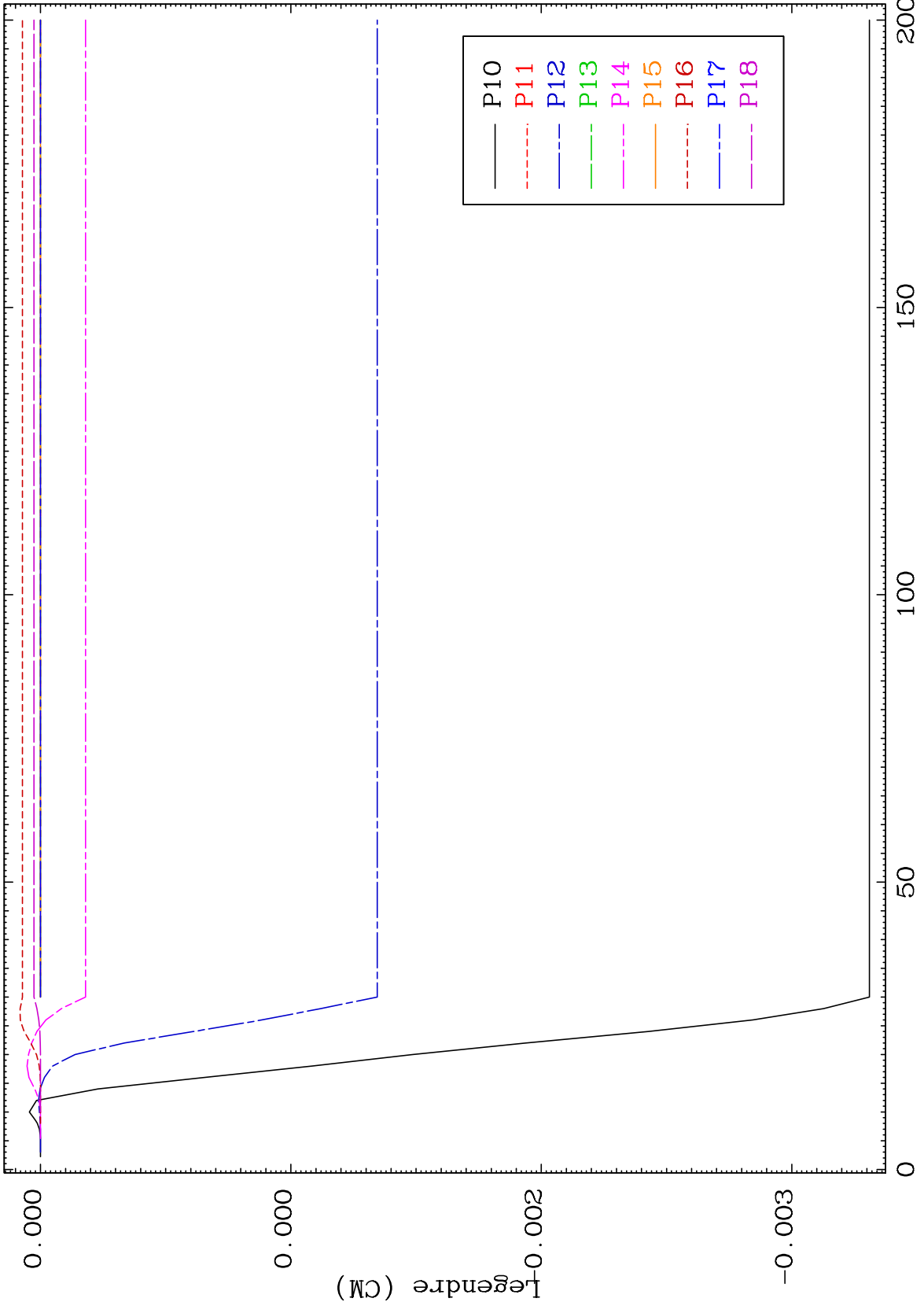
75

MAT 5028 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-113



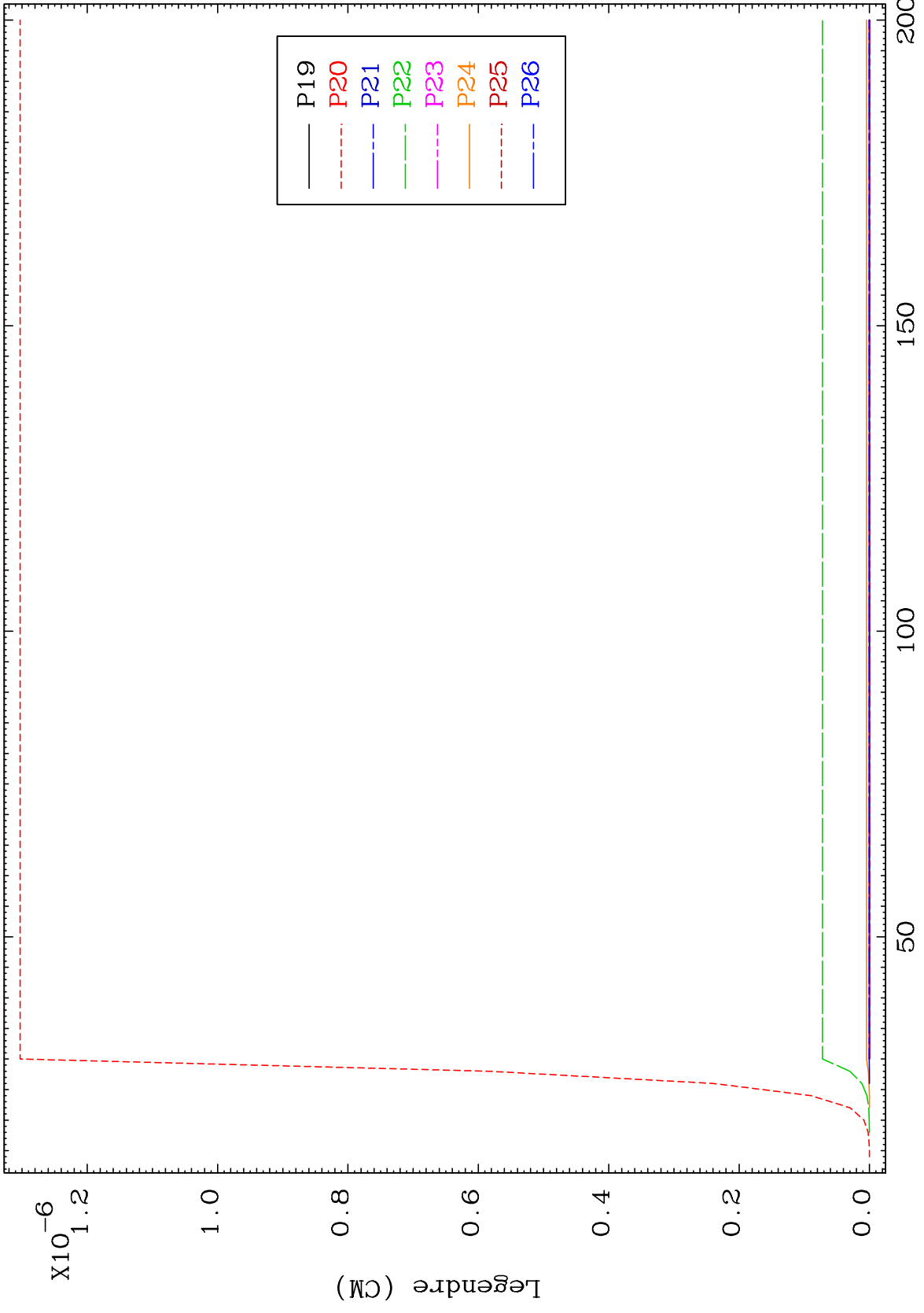
76 Incident Energy (MeV) 50-Sn-113

MAT 5028 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-113



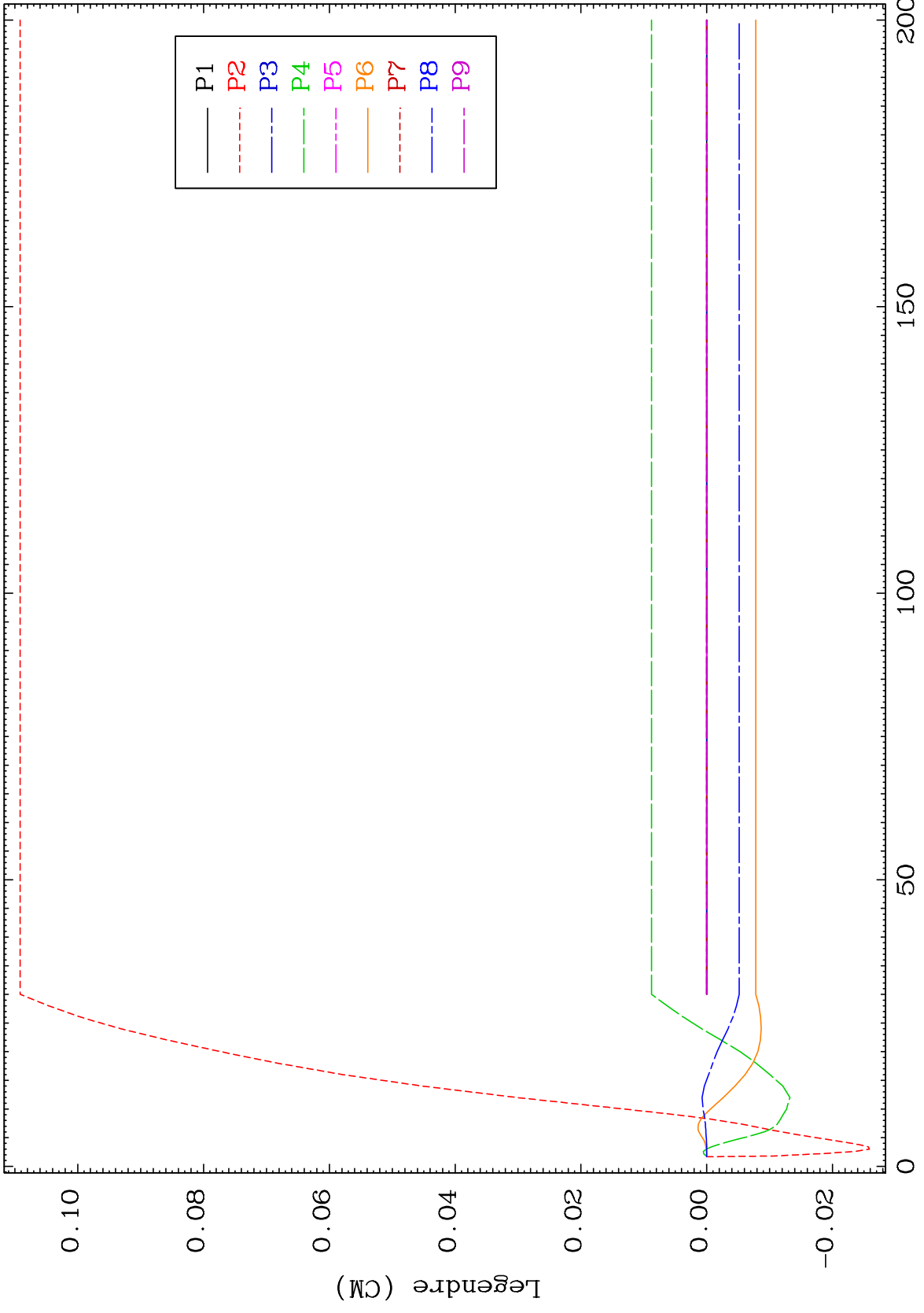
77 50-Sn-113

MAT 5028 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-113



78 Incident Energy (MeV) 50-Sn-113

MAT 5028 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-113

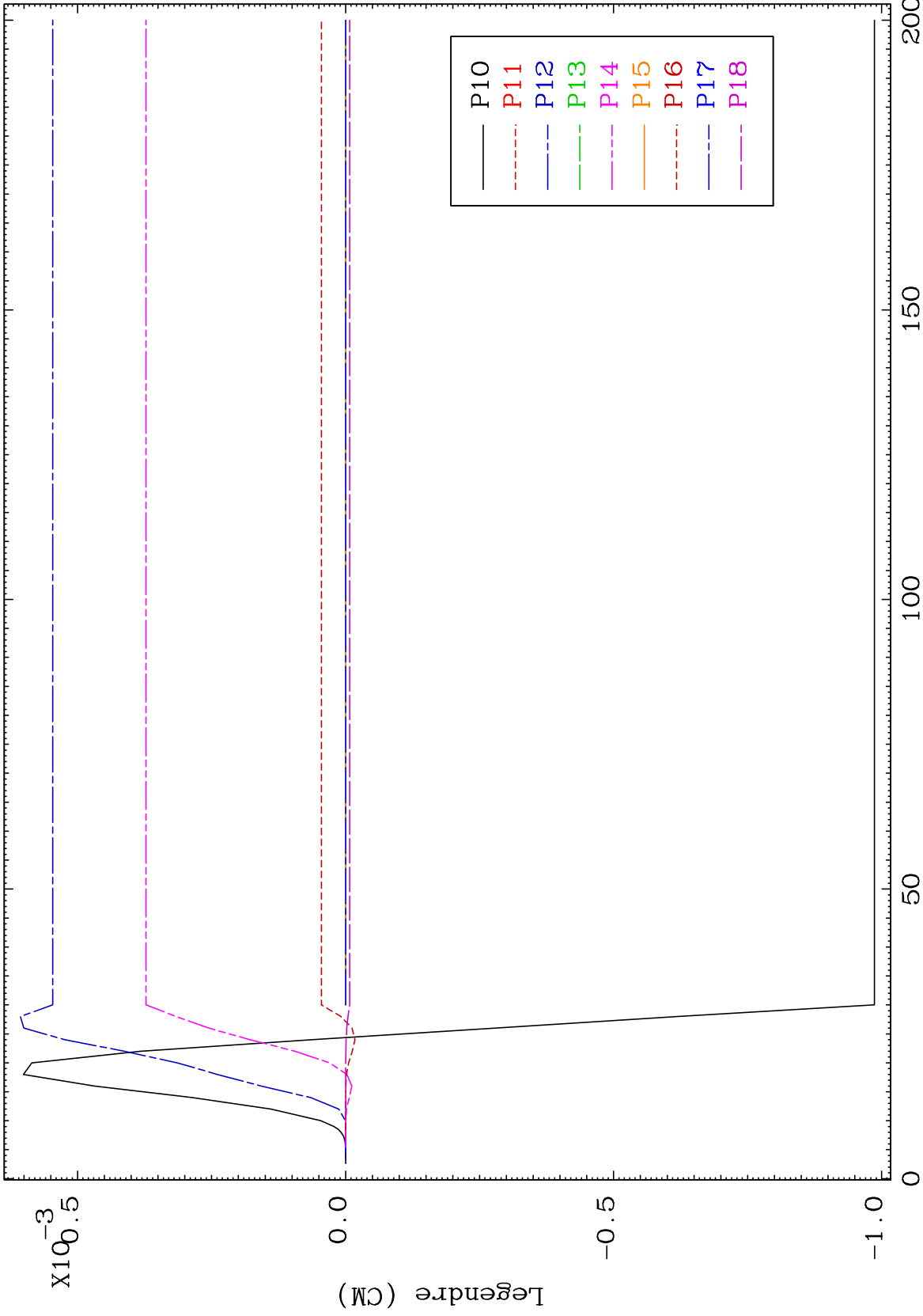


79 Incident Energy (MeV) 50-Sn-113

MAT 5028

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

50-Sn-113

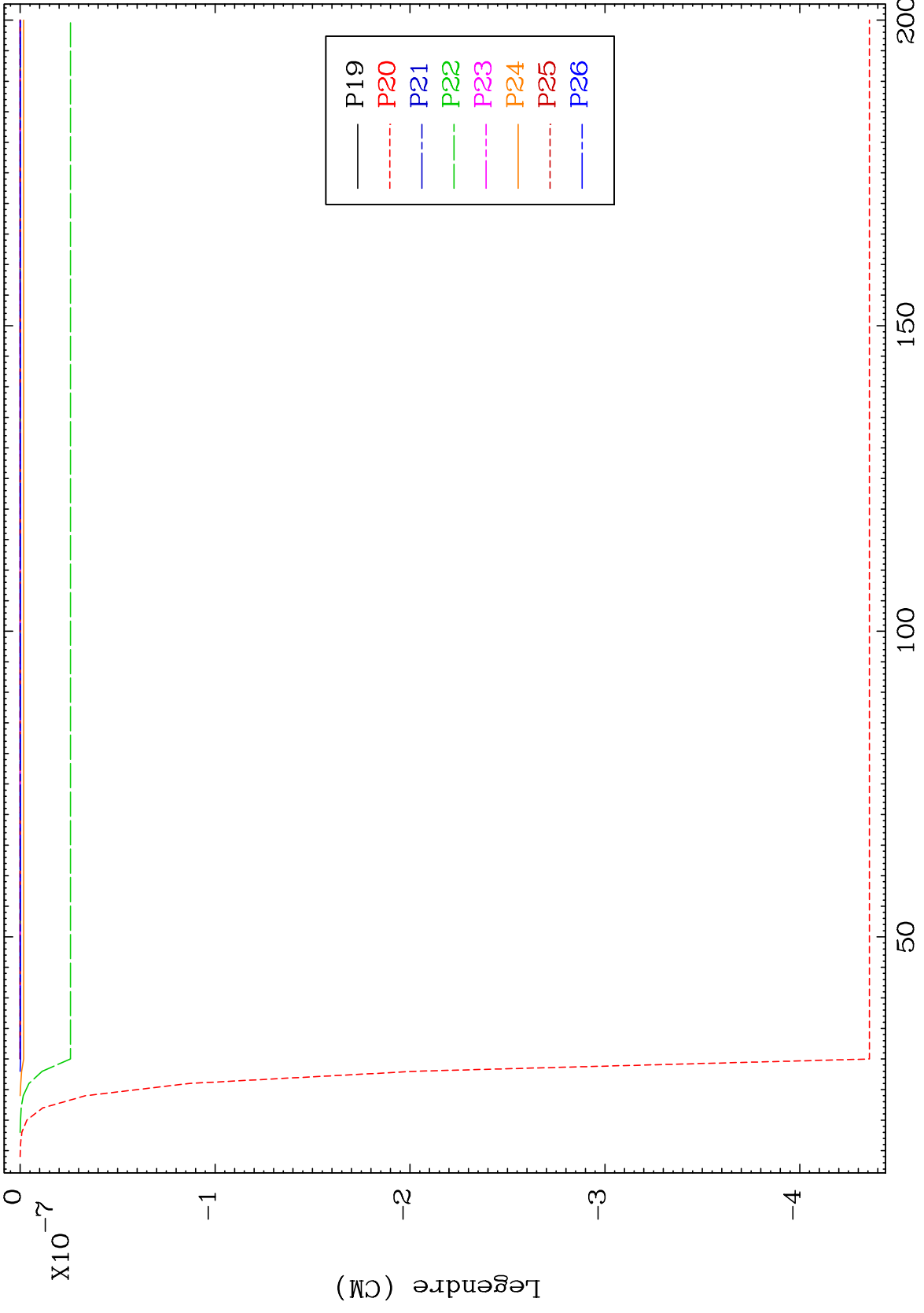


80

Incident Energy (MeV)

50-Sn-113

MAT 5028 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-113

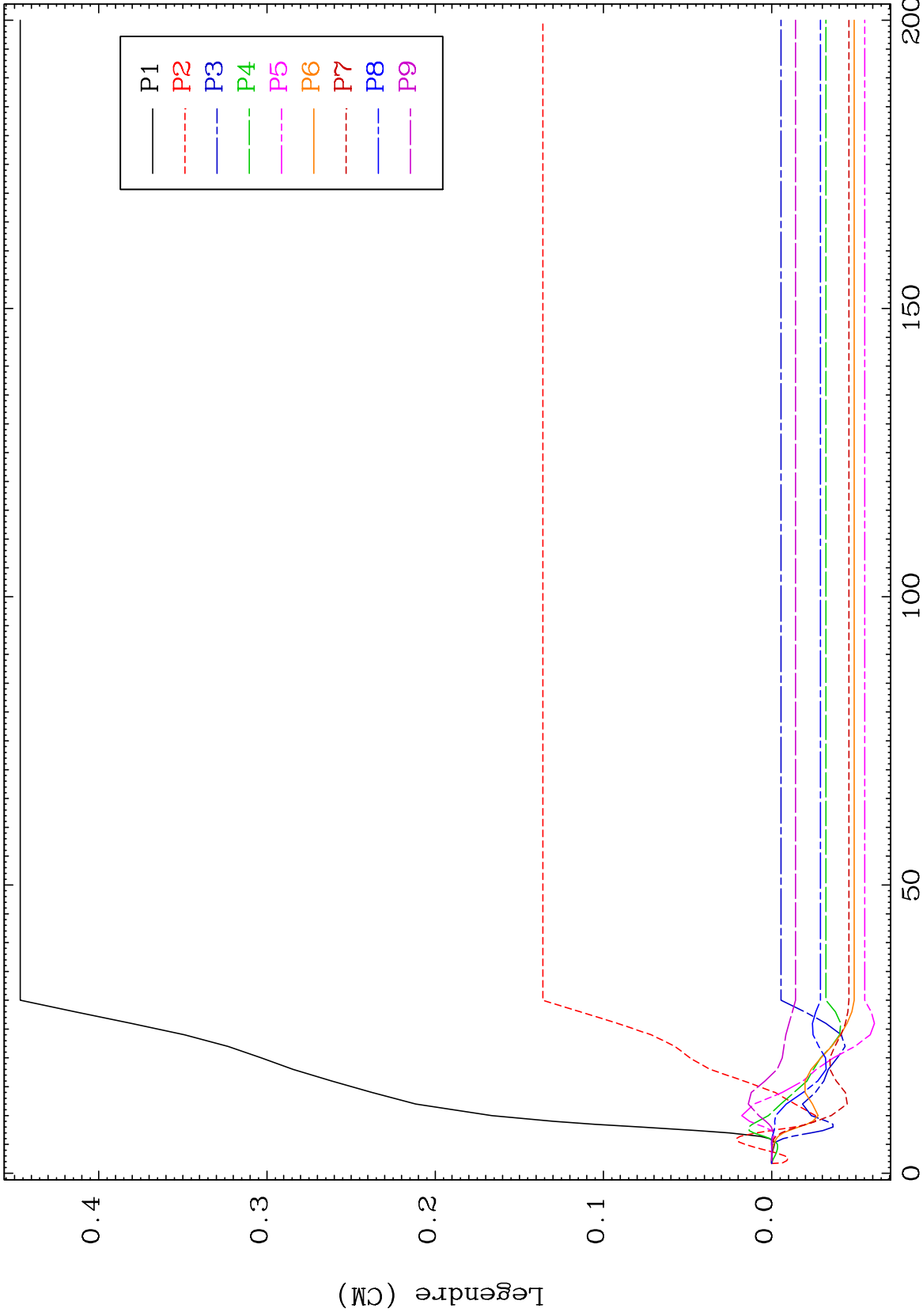


81 50-Sn-113

MAT 5028

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

50-Sn-113

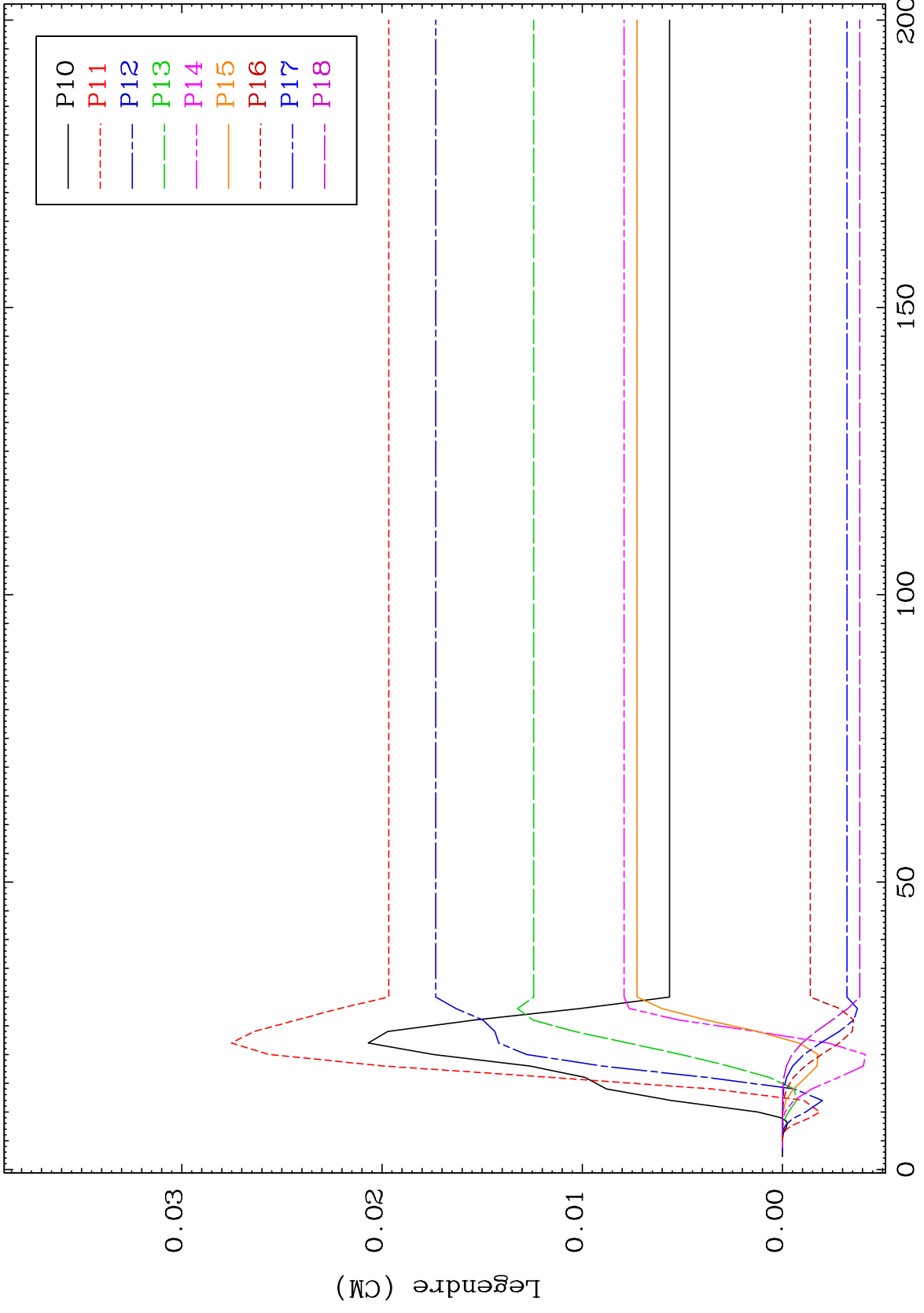


82

Incident Energy (MeV)

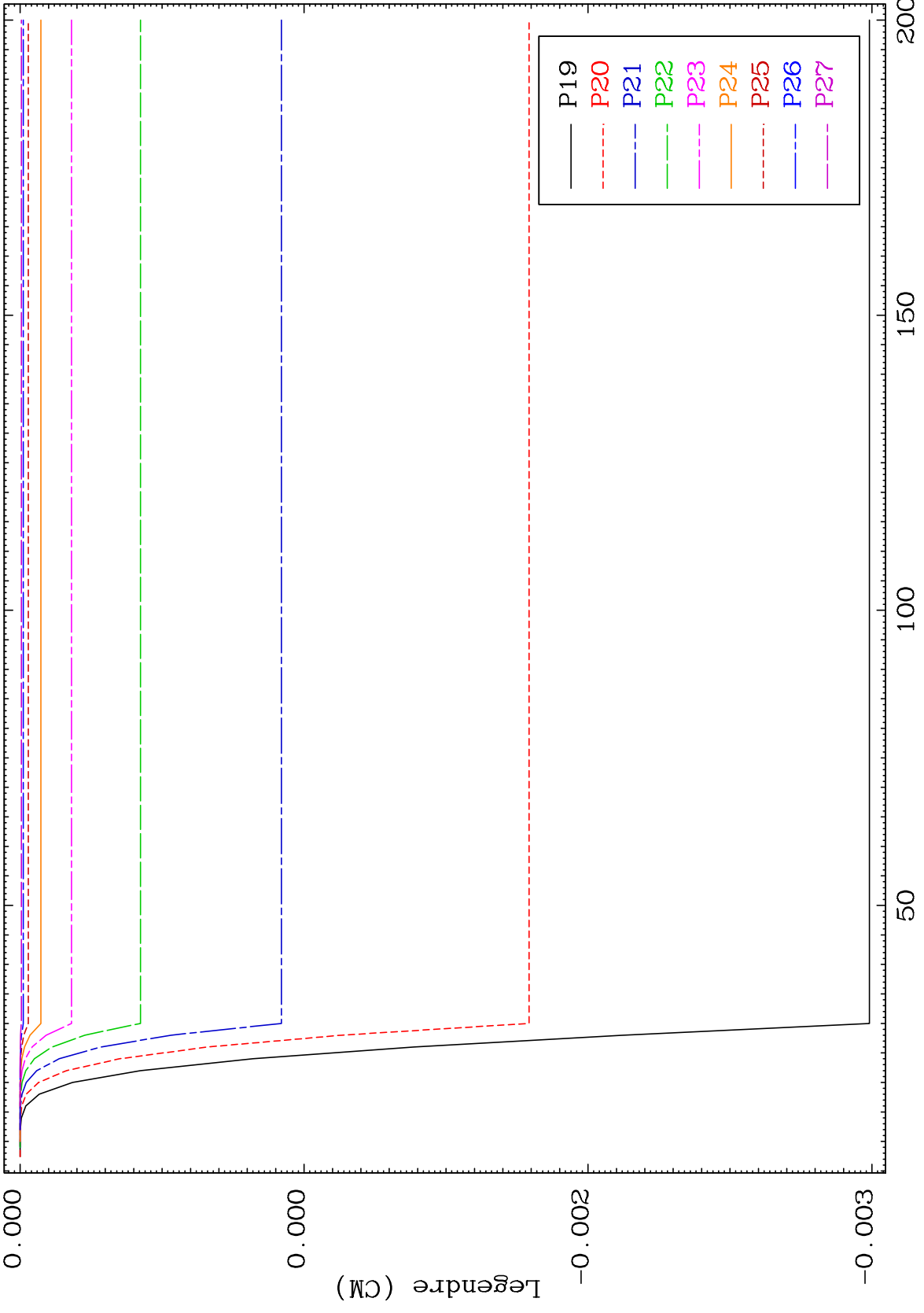
50-Sn-113

MAT 5028 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-113



83 Incident Energy (MeV) 50-Sn-113

MAT 5028 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-113

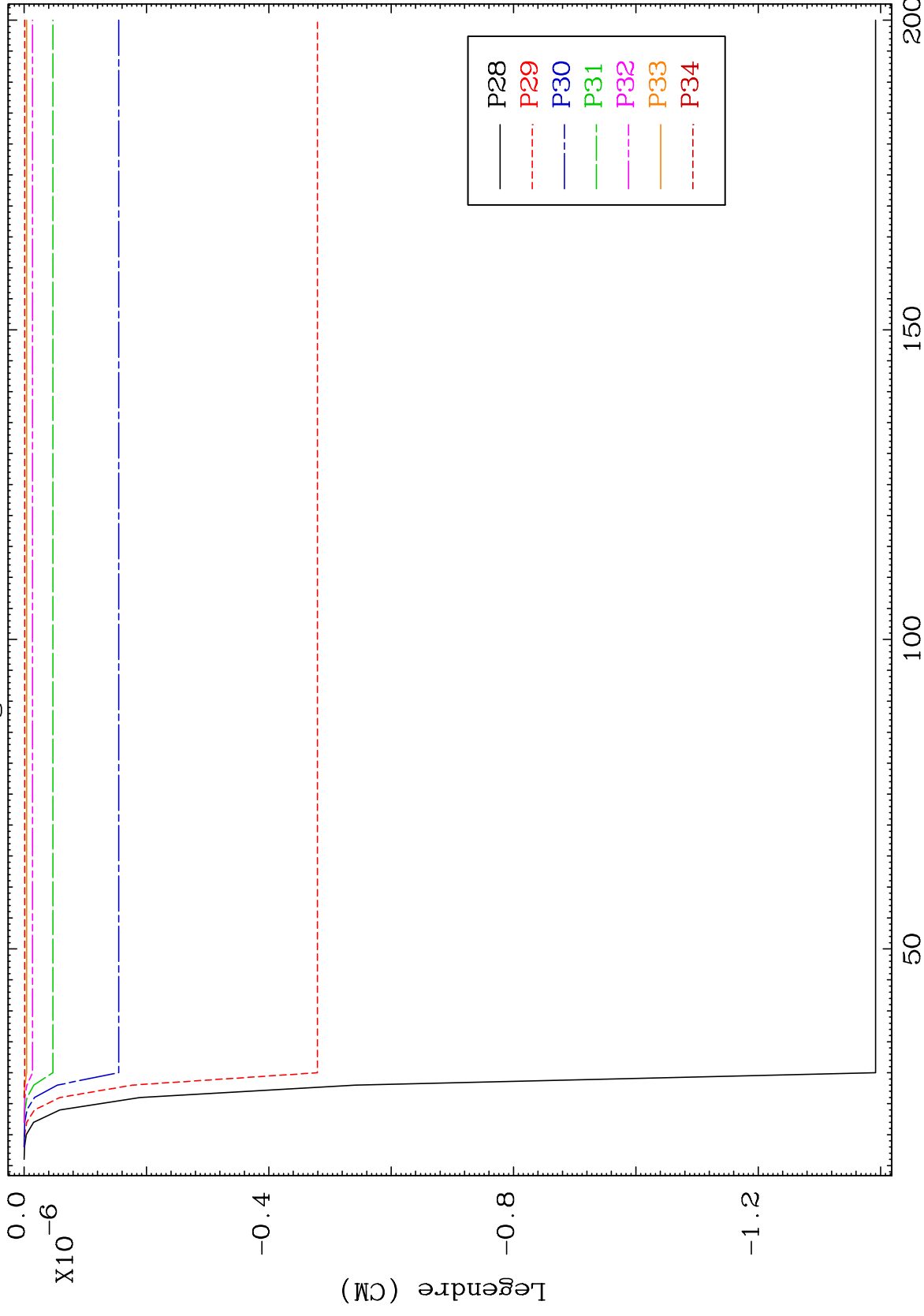


84 50-Sn-113

MAT 5028

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

50-Sn-113



85

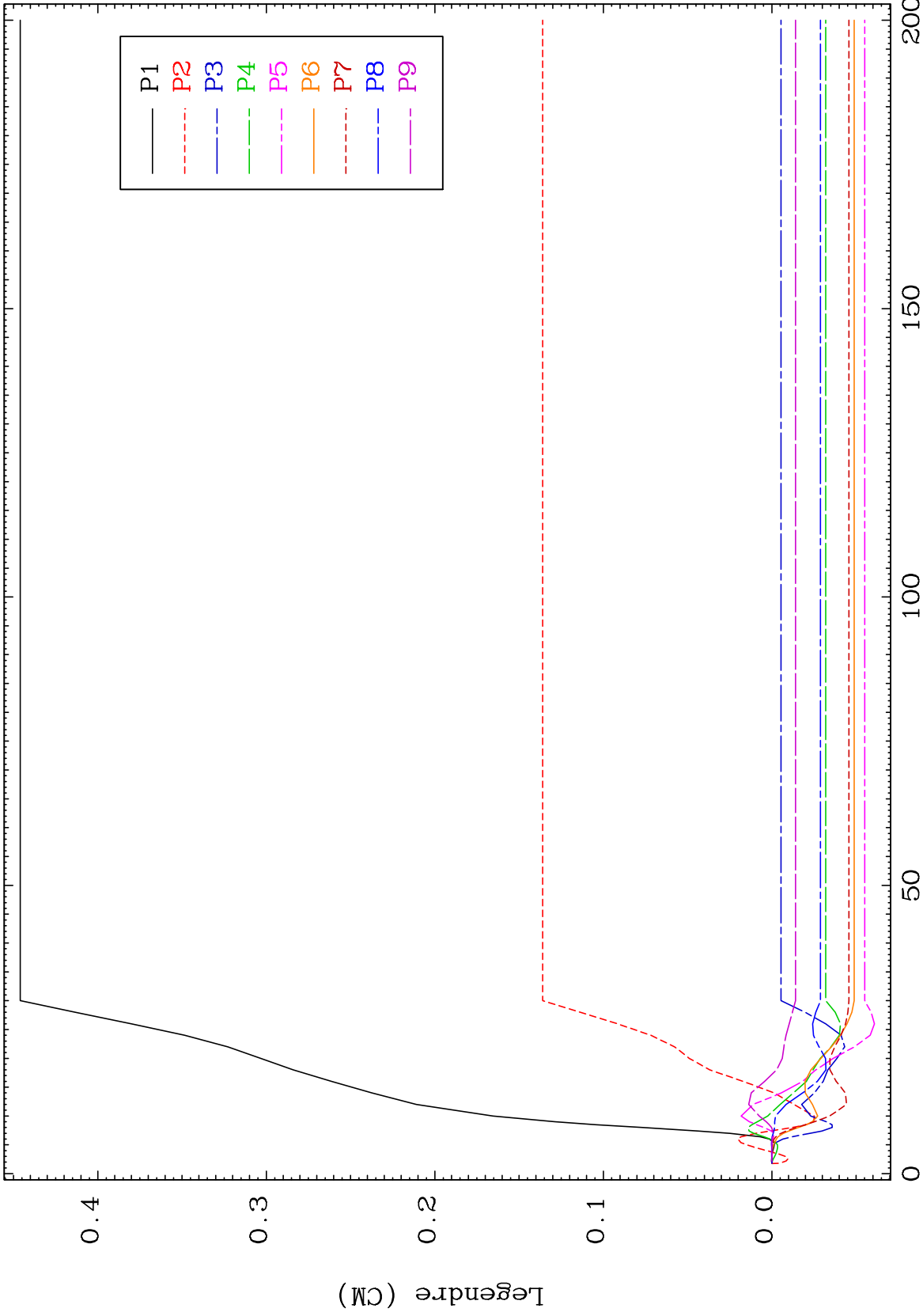
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

50-Sn-113



86

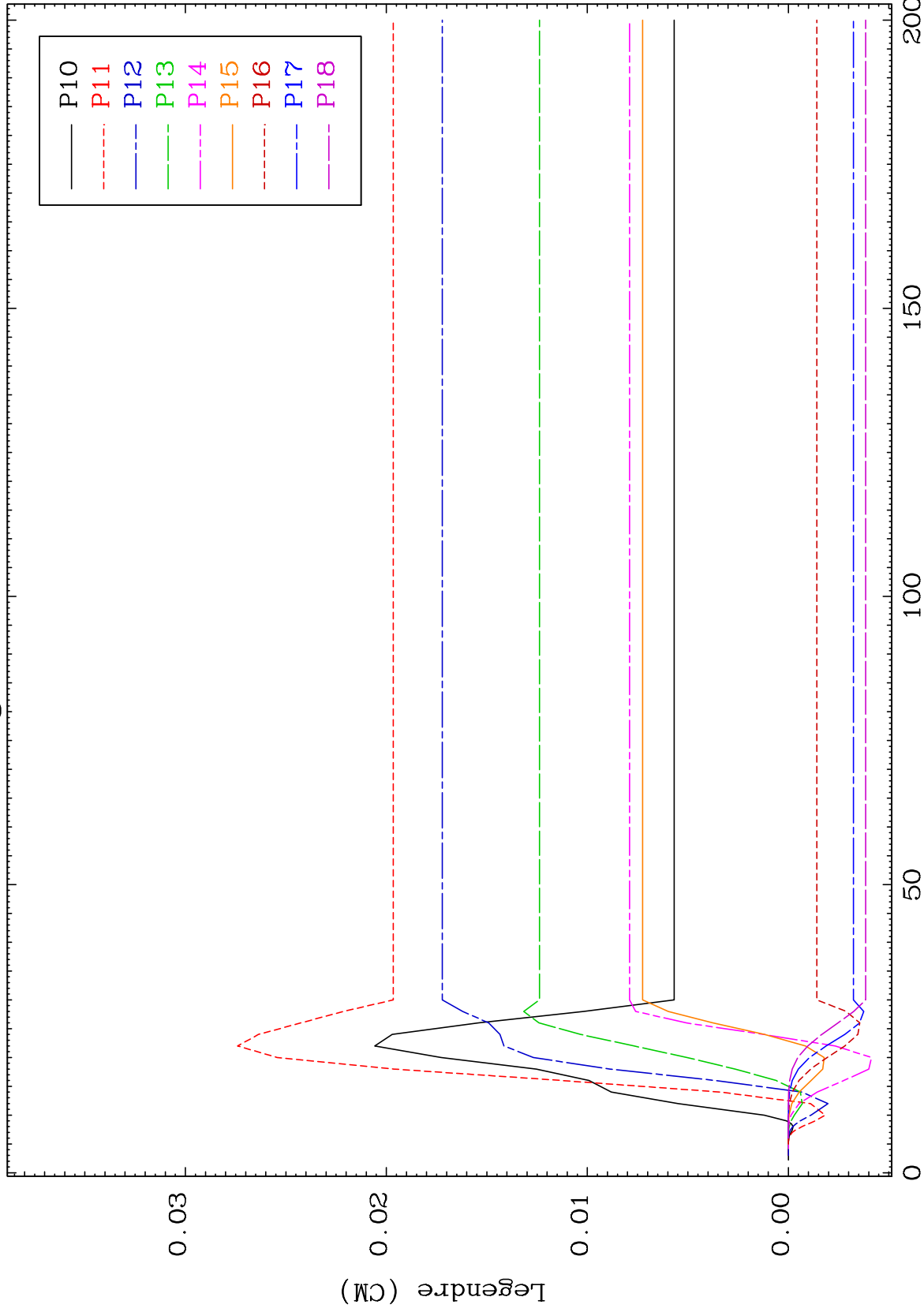
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

50-Sn-113

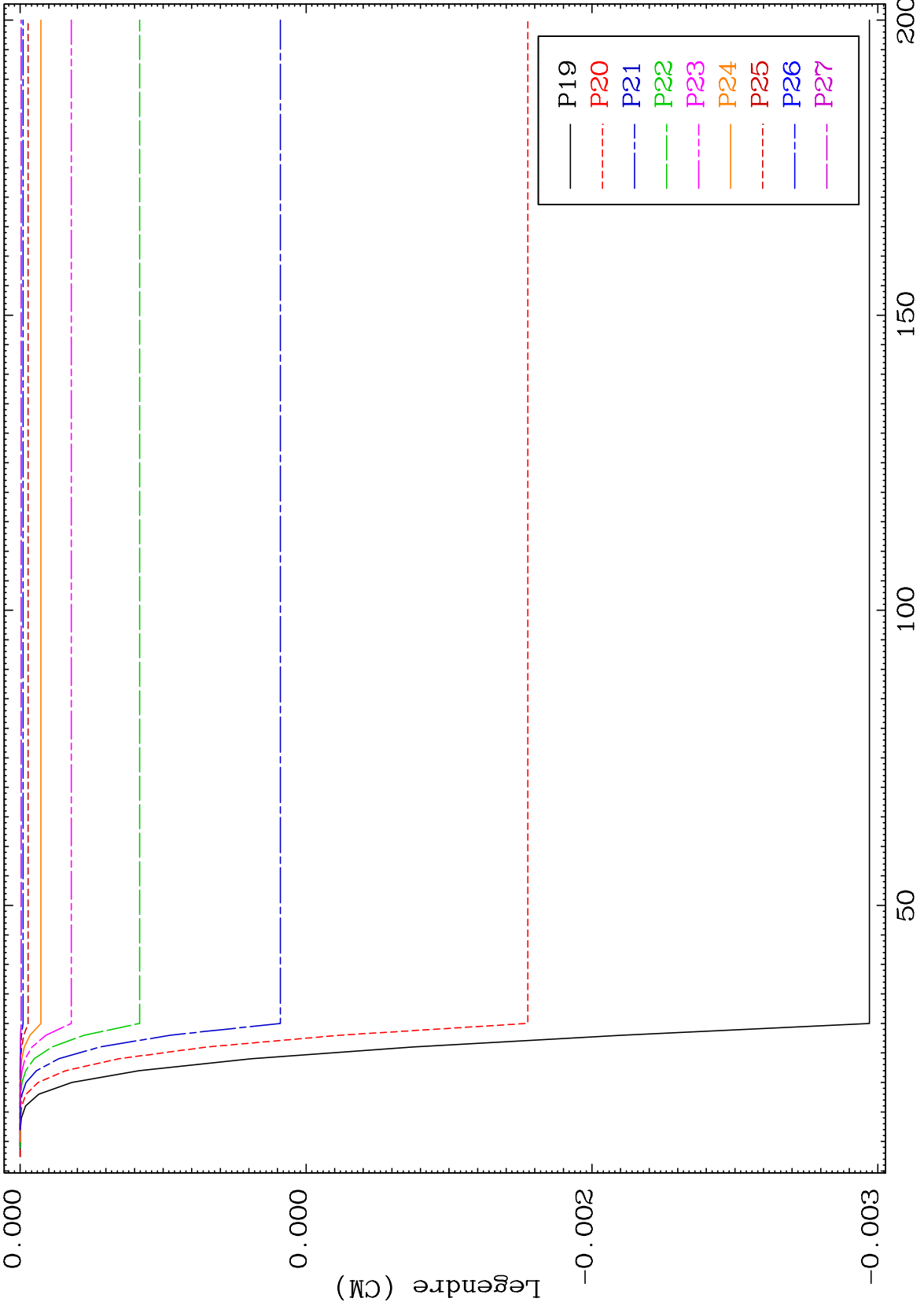


87

Incident Energy (MeV)

50-Sn-113

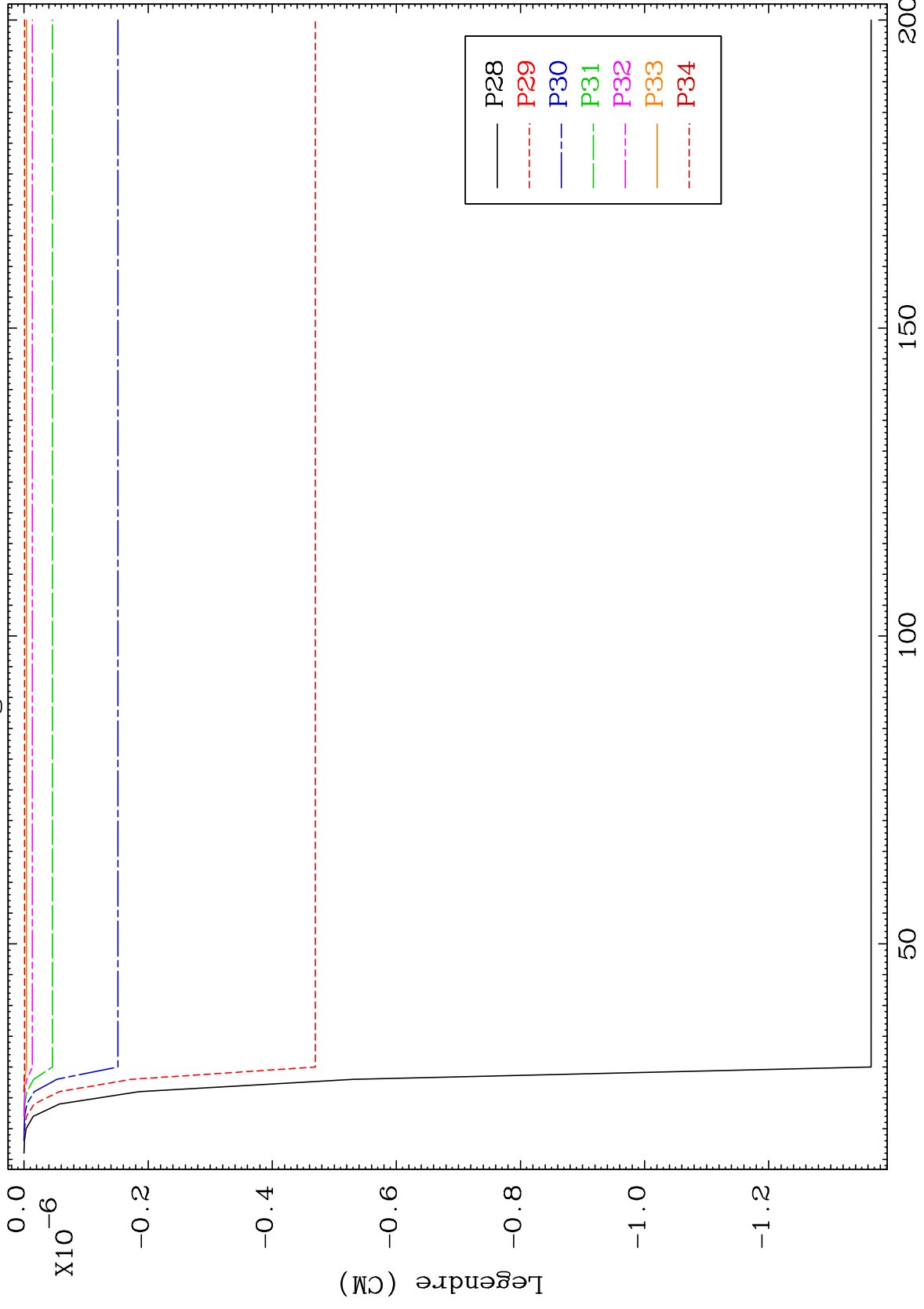
MAT 5028 MT= 72 (n,n') Level Legendre Coefficients 50-Sn-113



MAT 5028

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

50-Sn-113



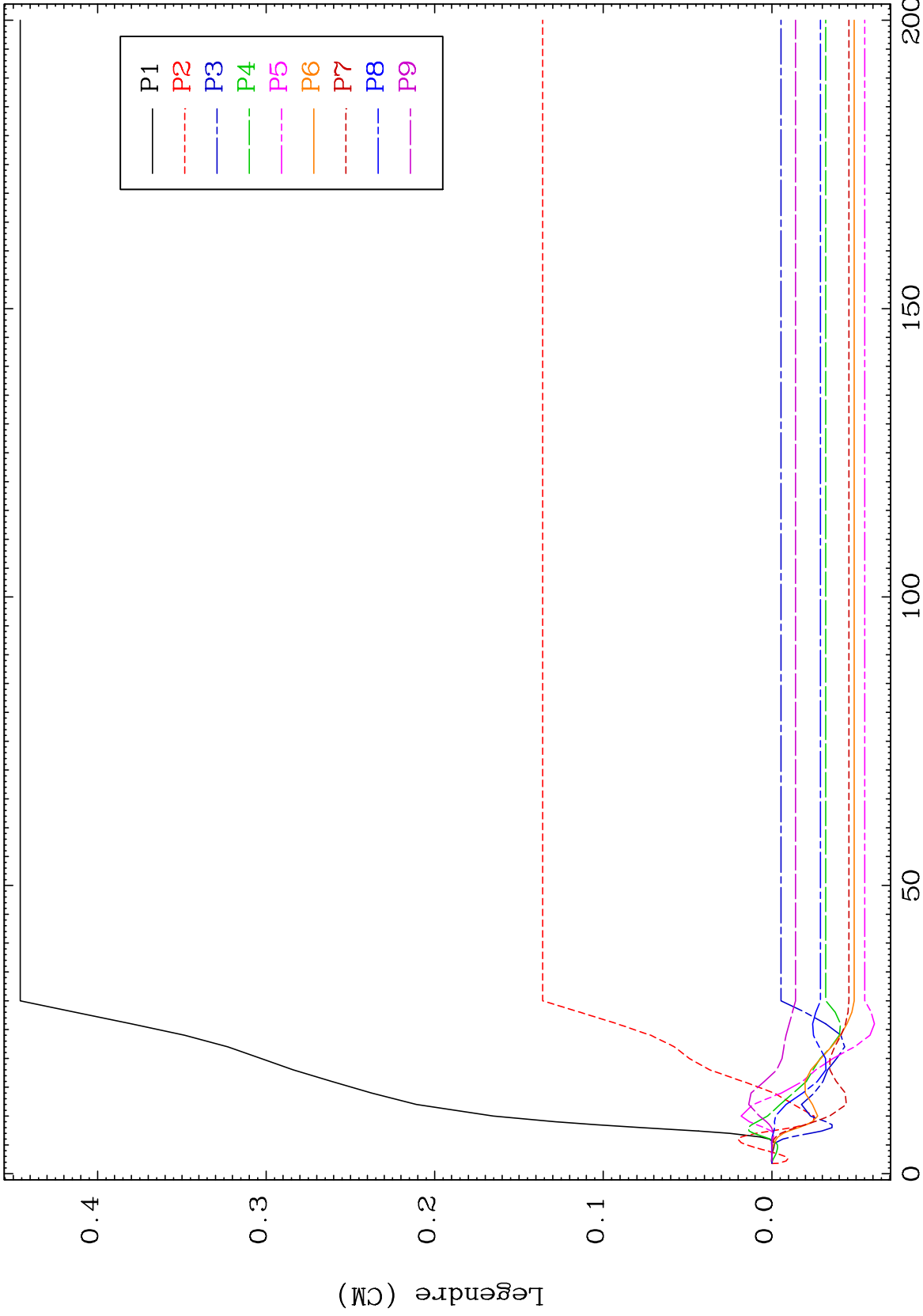
89

50-Sn-113

MAT 5028

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

50-Sn-113



90

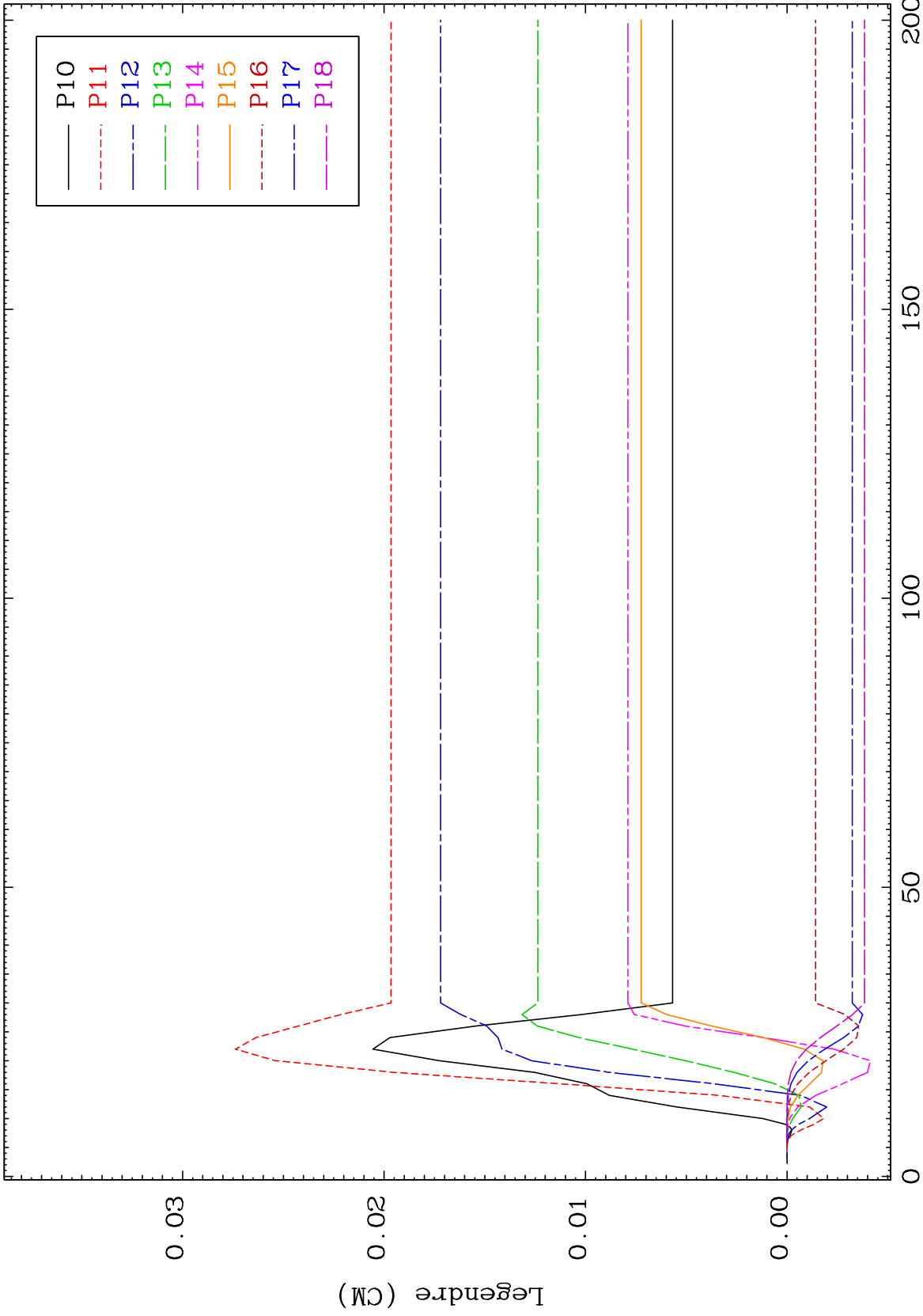
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

50-Sn-113

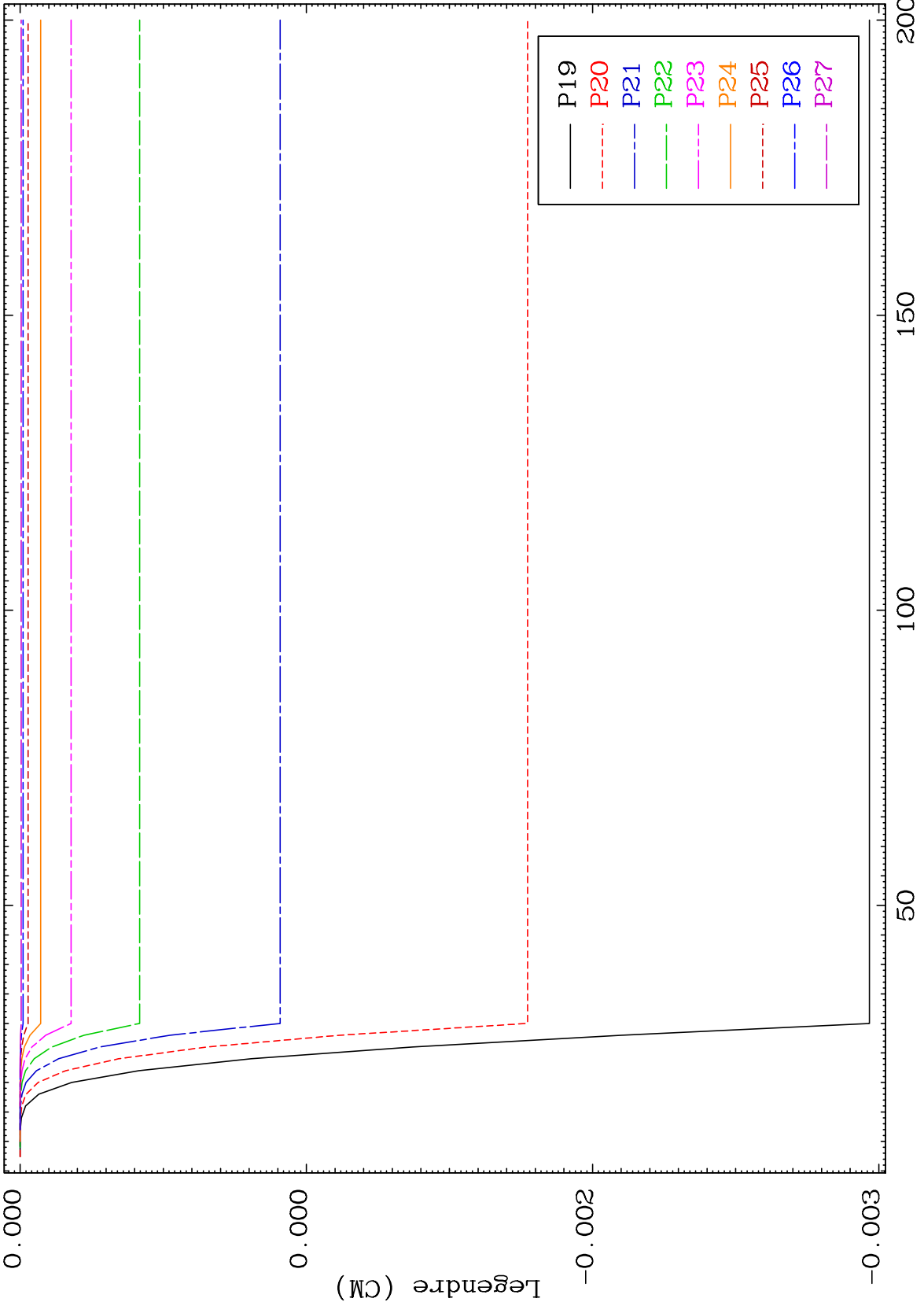


91

Incident Energy (MeV)

50-Sn-113

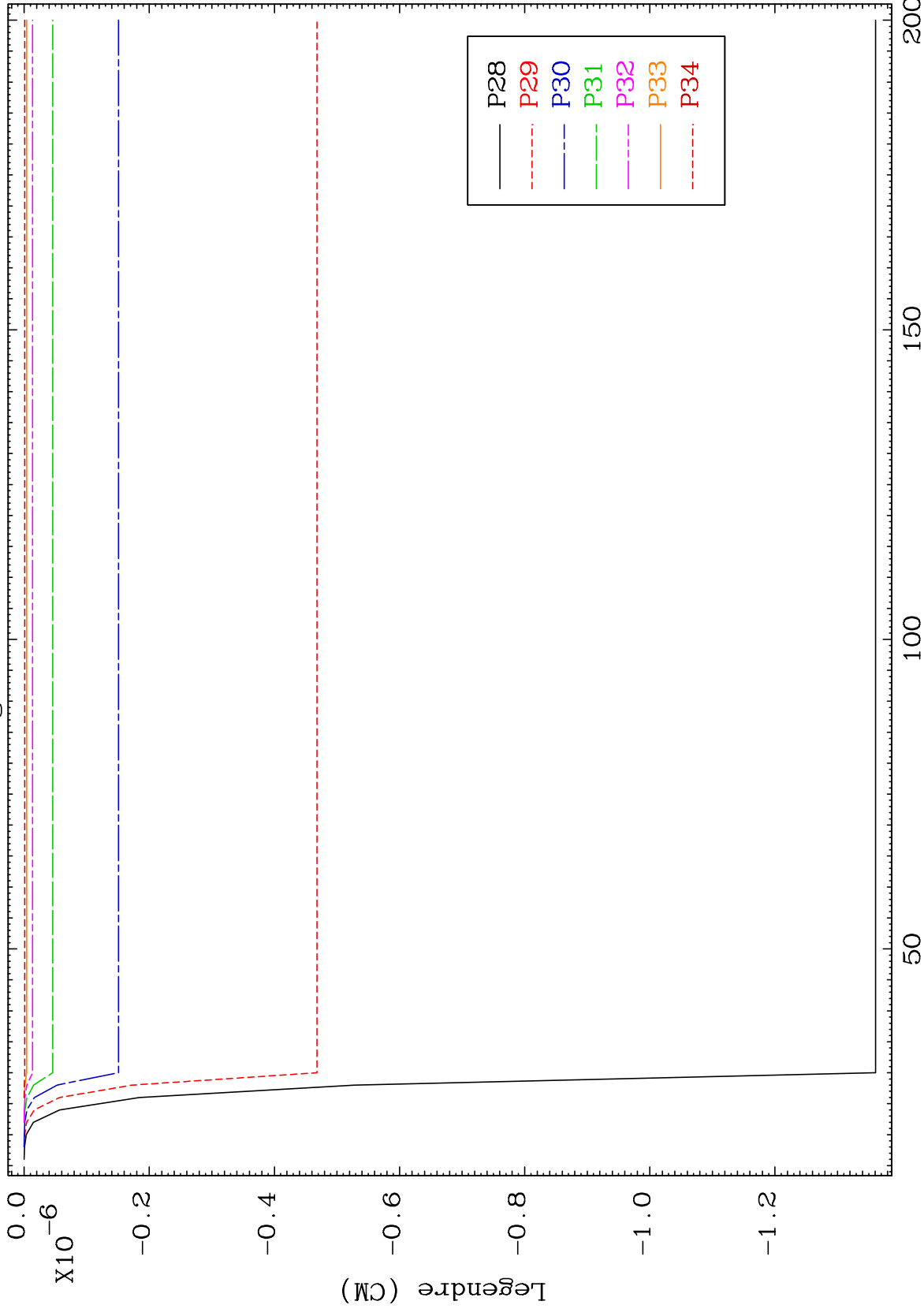
MAT 5028 MT= 73 (n,n') Level Legendre Coefficients 50-Sn-113



MAT 5028

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

50-Sn-113



50-Sn-113

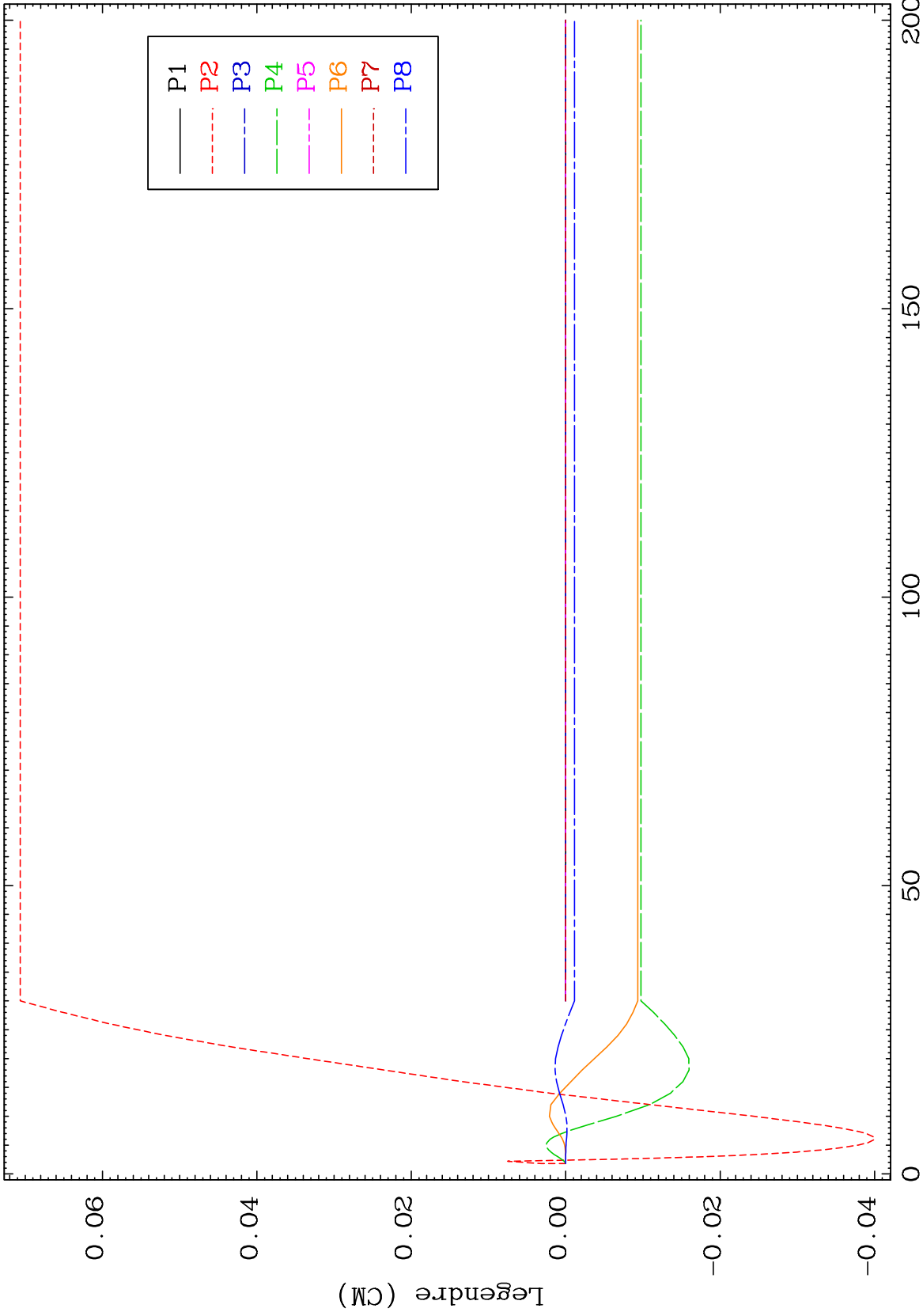
Incident Energy (MeV)

93

MAT 5028

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

50-Sn-113



94

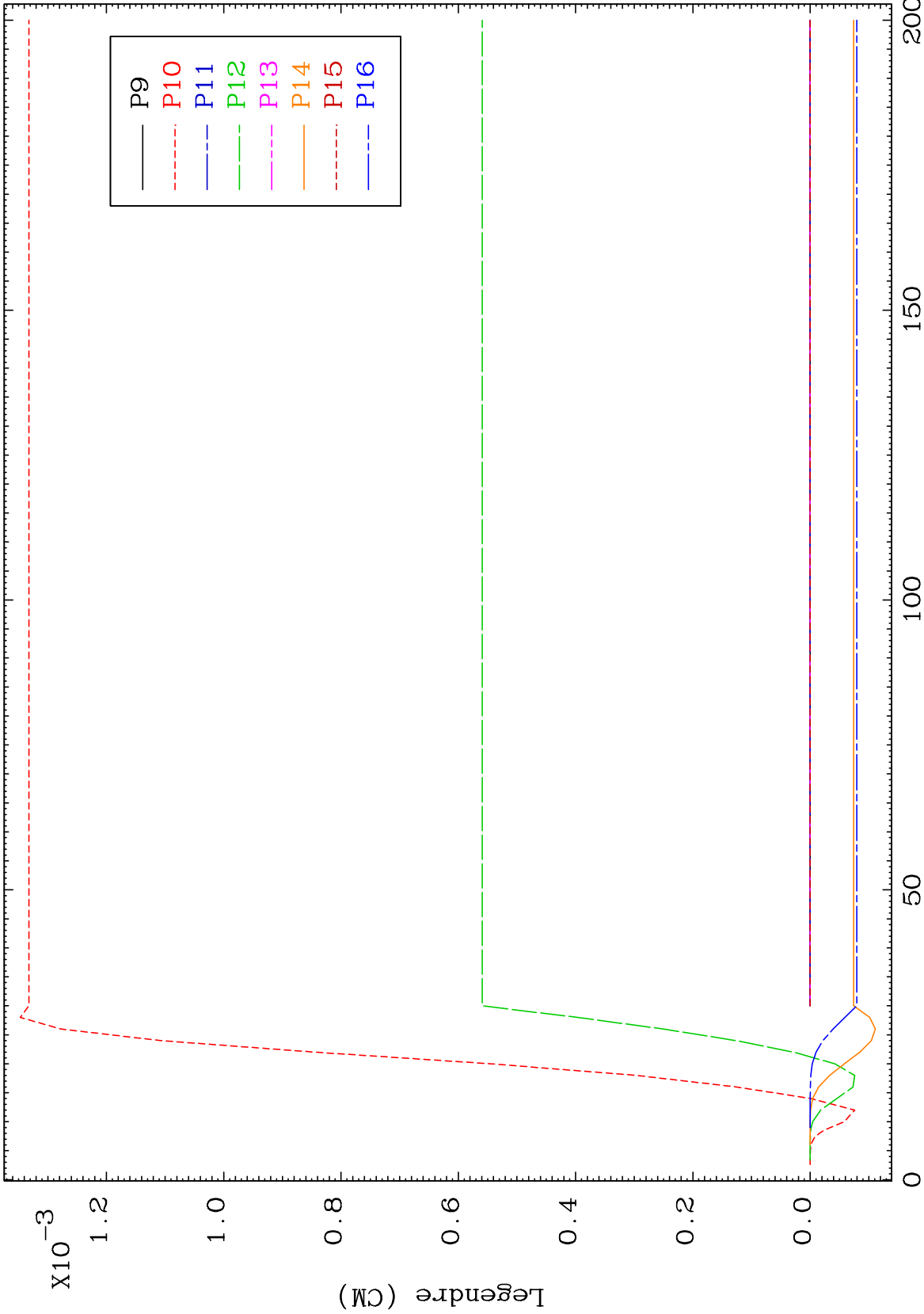
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

50-Sn-113

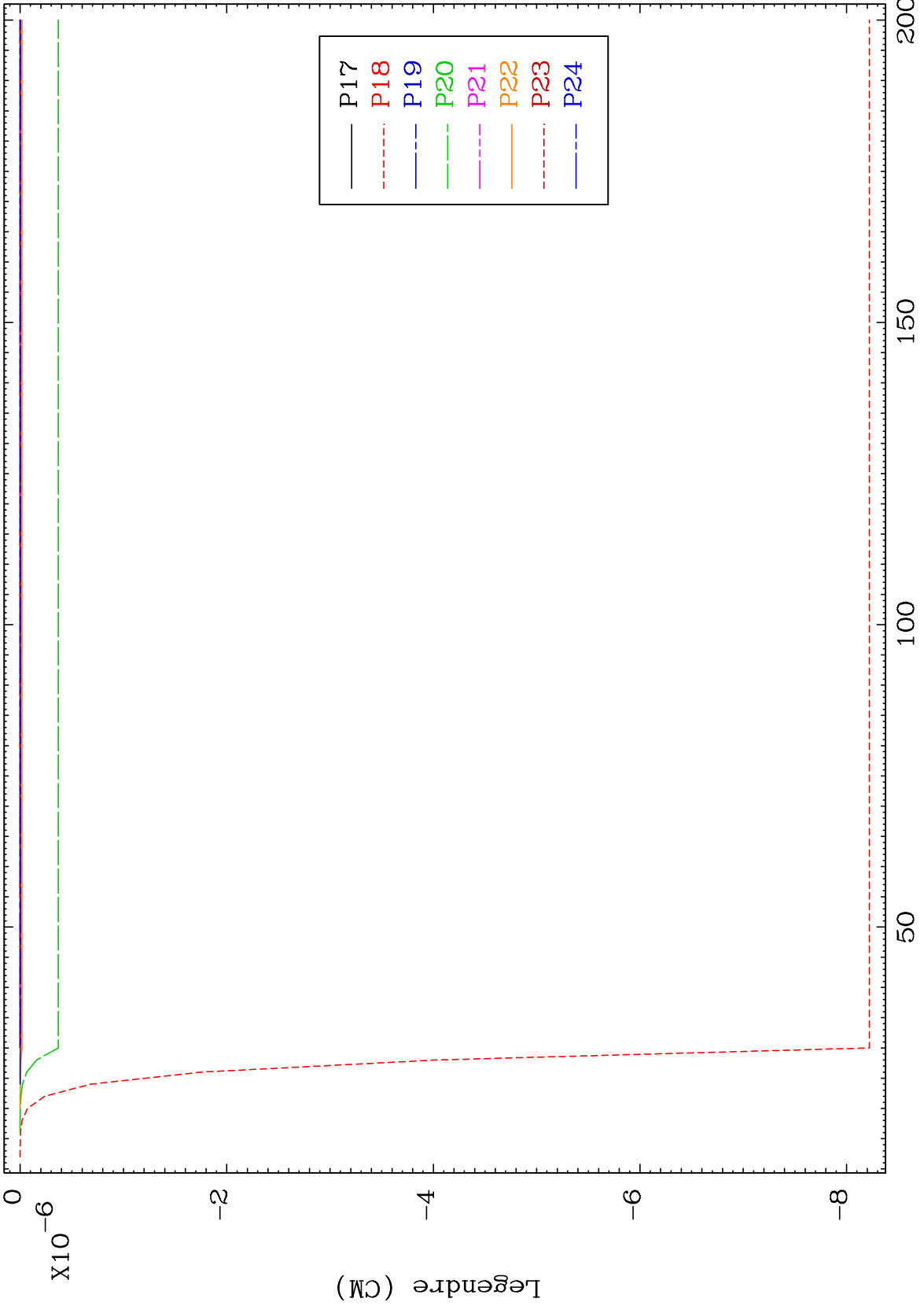


95

Incident Energy (MeV)

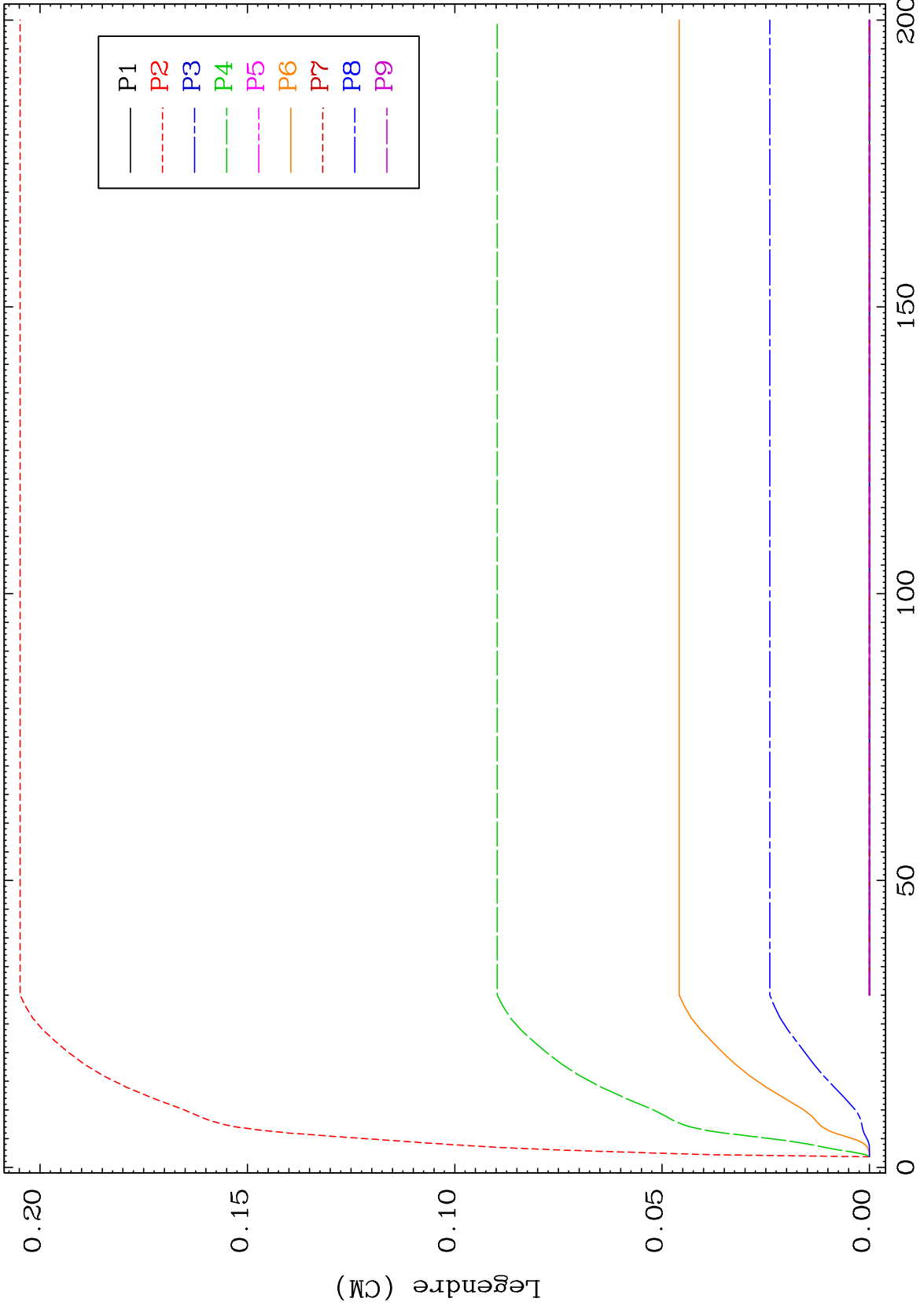
50-Sn-113

MAT 5028 MT= 74 (n,n') Level Legendre Coefficients 50-Sn-113



96 50-Sn-113

MAT 5028 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-113

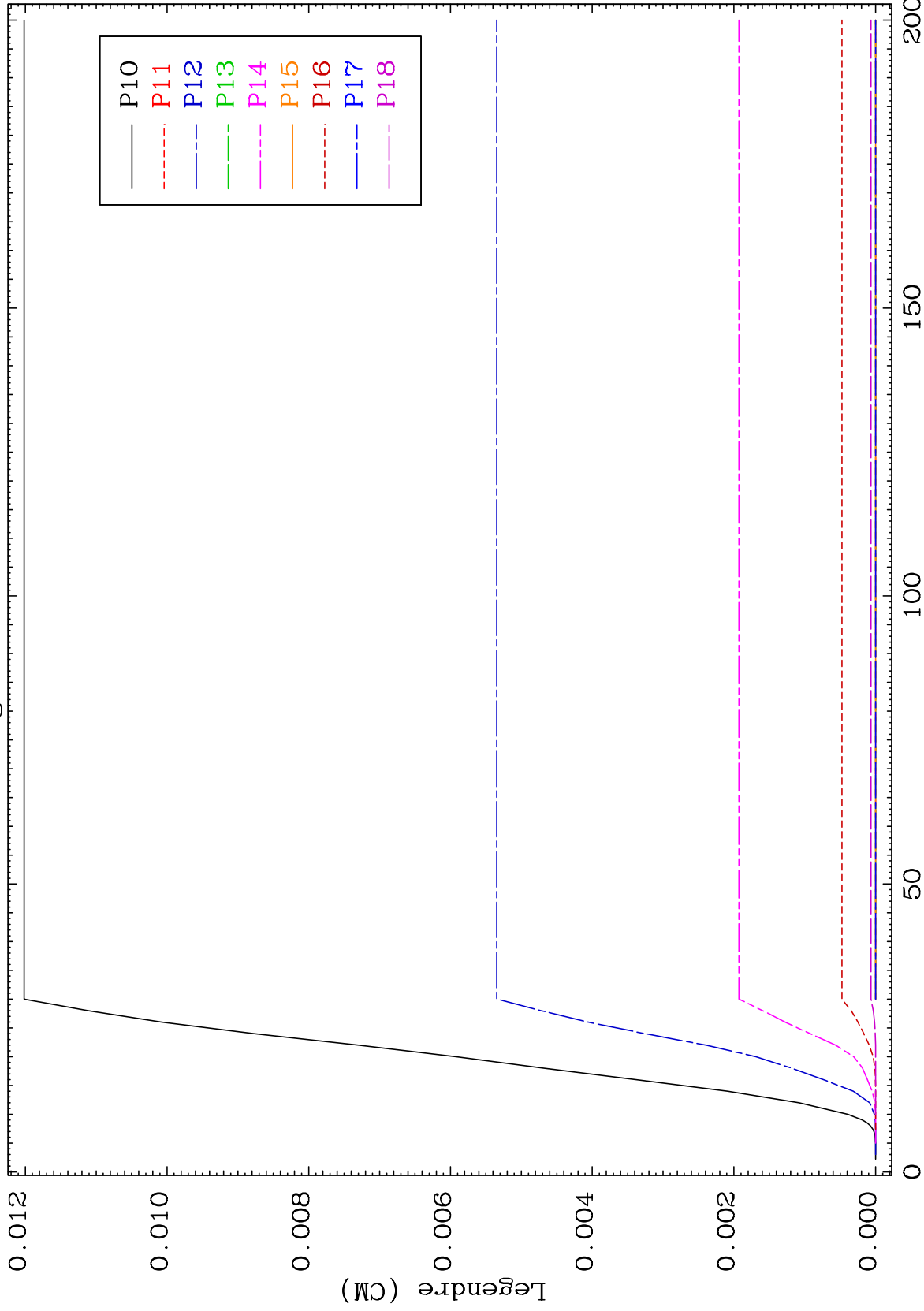


97 50-Sn-113

MAT 5028

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

50-Sn-113

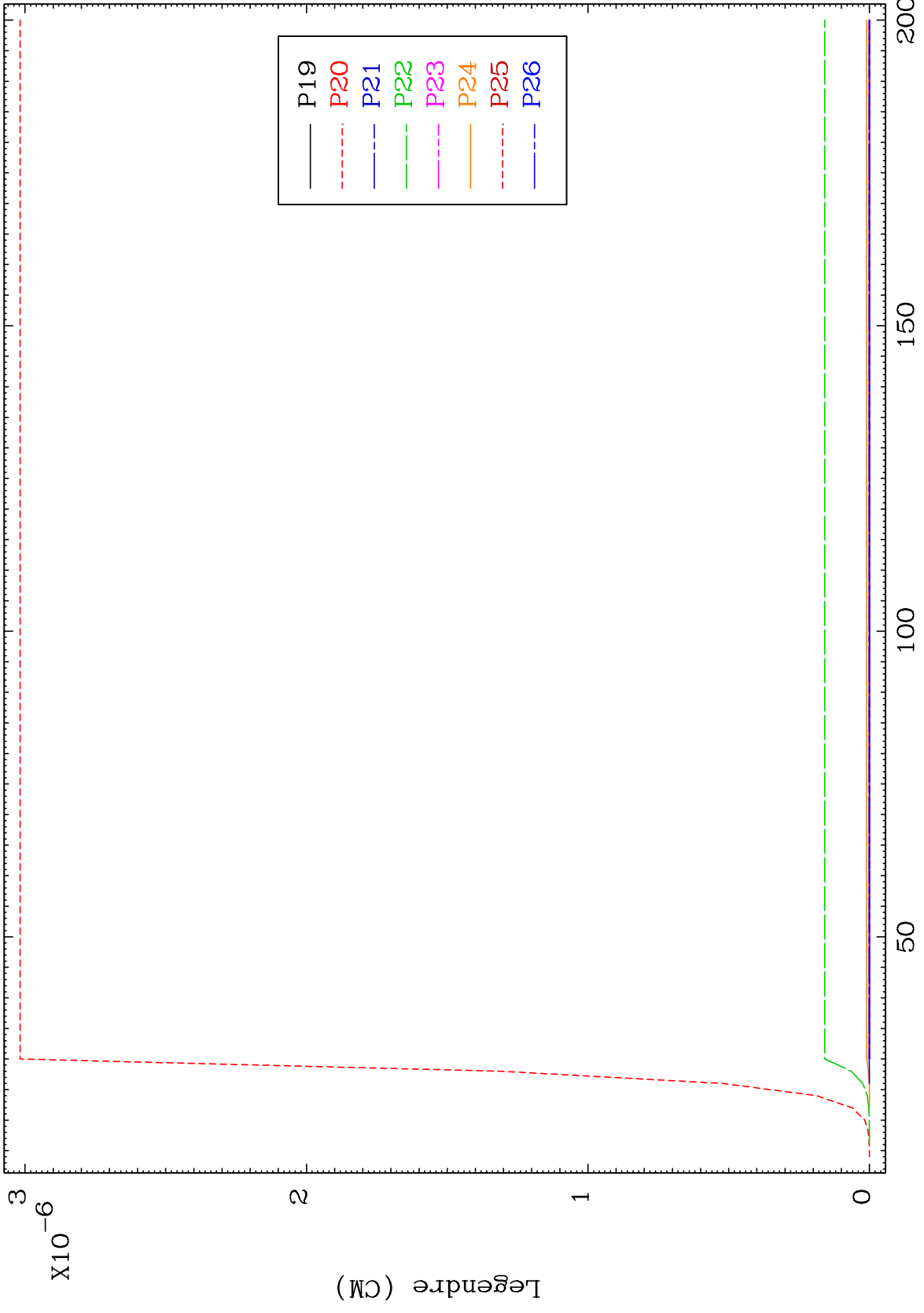


98

Incident Energy (MeV)

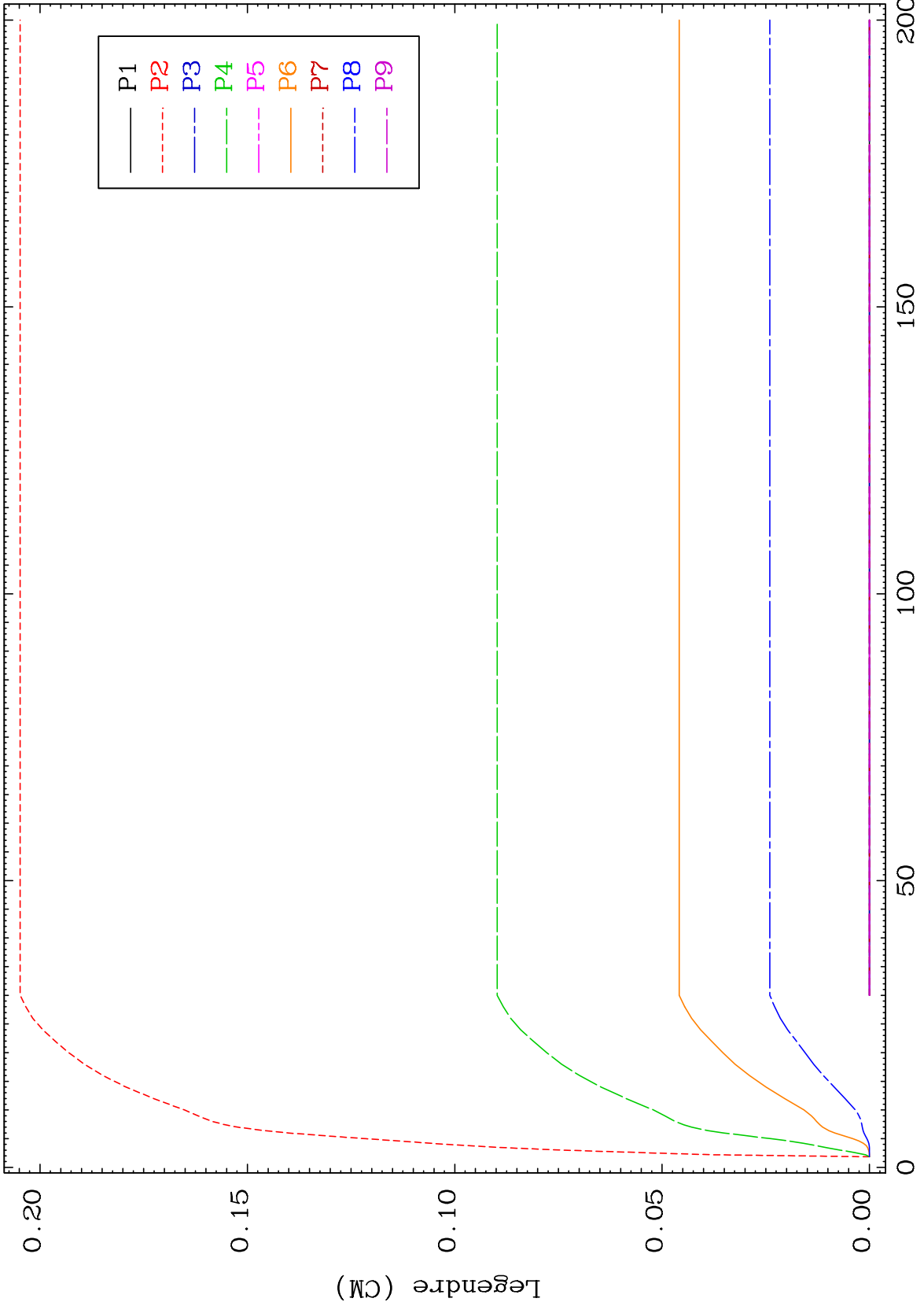
50-Sn-113

MAT 5028 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-113



99 50-Sn-113

MAT 5028 MT= 76 (n,n') Level Legendre Coefficients 50-Sn-113

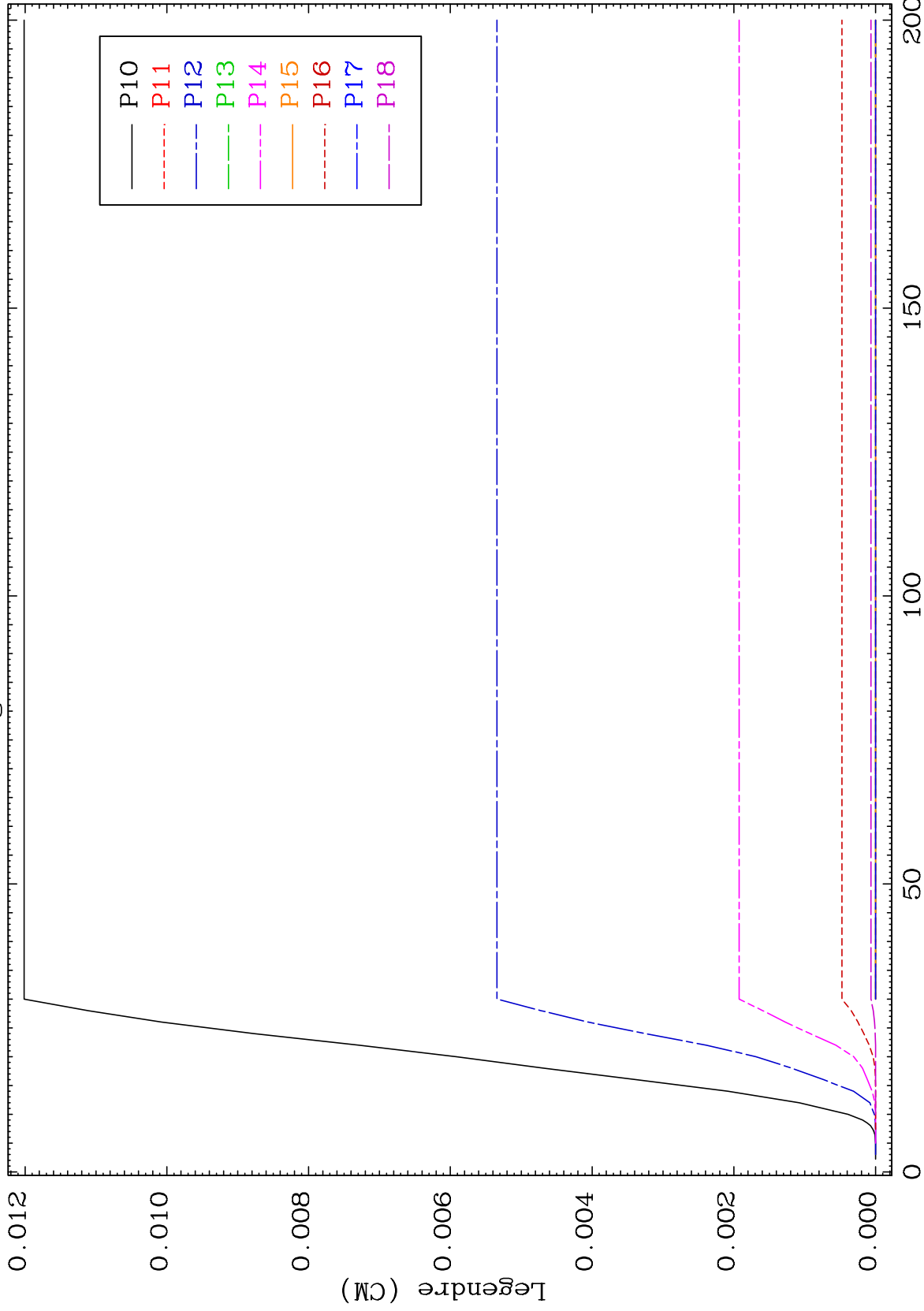


Incident Energy (MeV) 50-Sn-113

MAT 5028

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

50-Sn-113

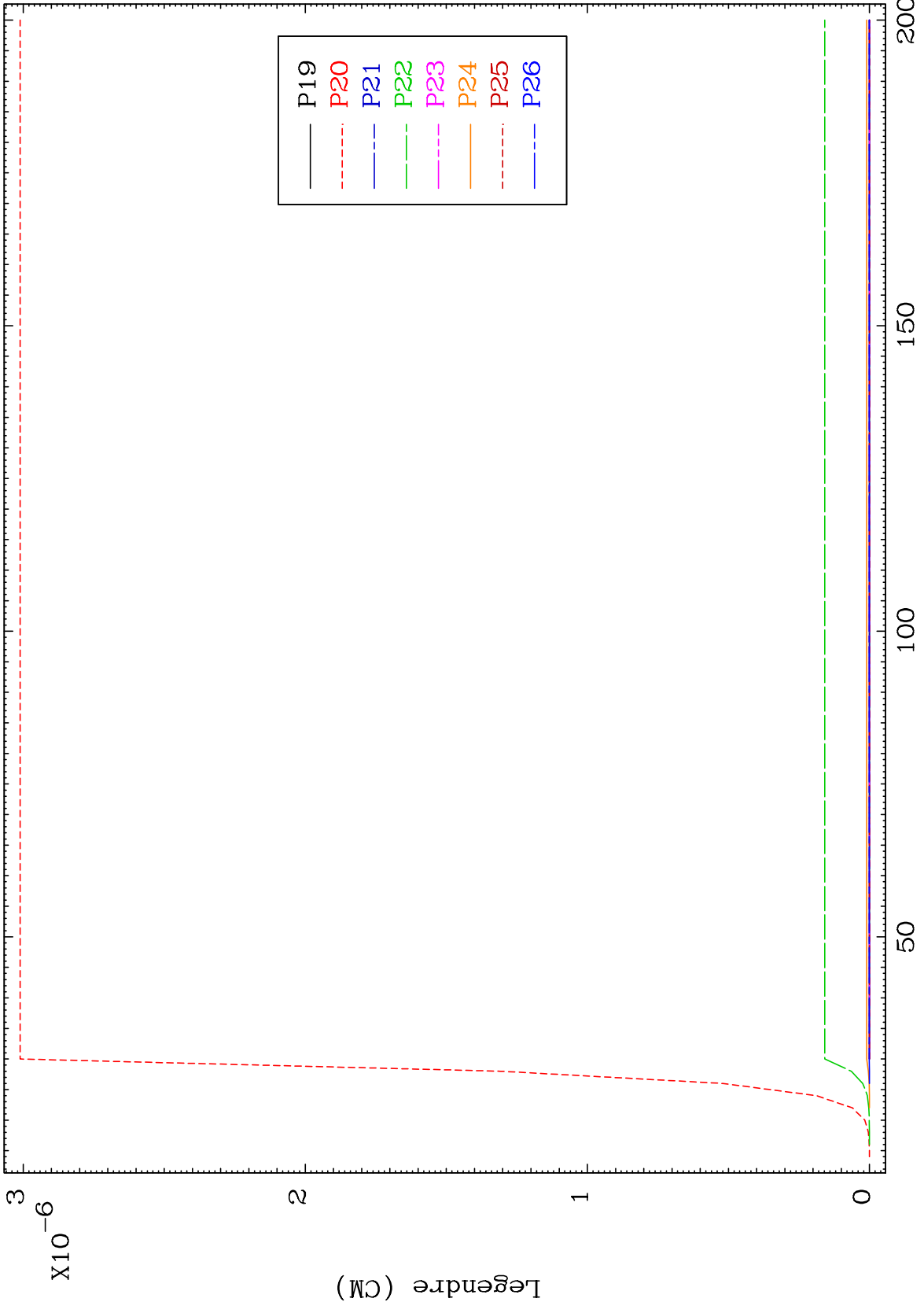


101

Incident Energy (MeV)

50-Sn-113

MAT 5028 MT= 76 (n,n') Level Legendre Coefficients 50-Sn-113

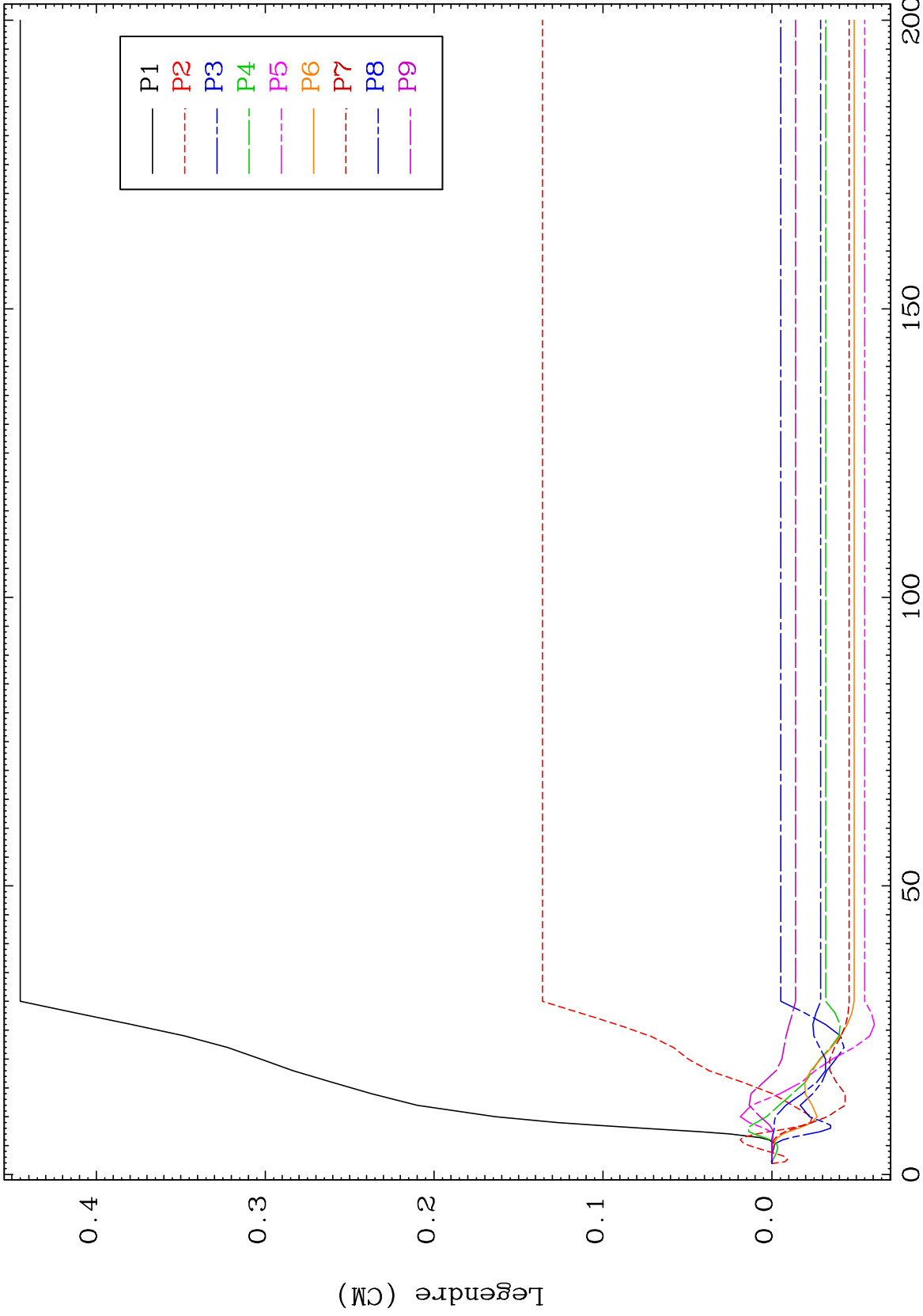


102 50 100 150 200 50-Sn-113

MAT 5028

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

50-Sn-113



103

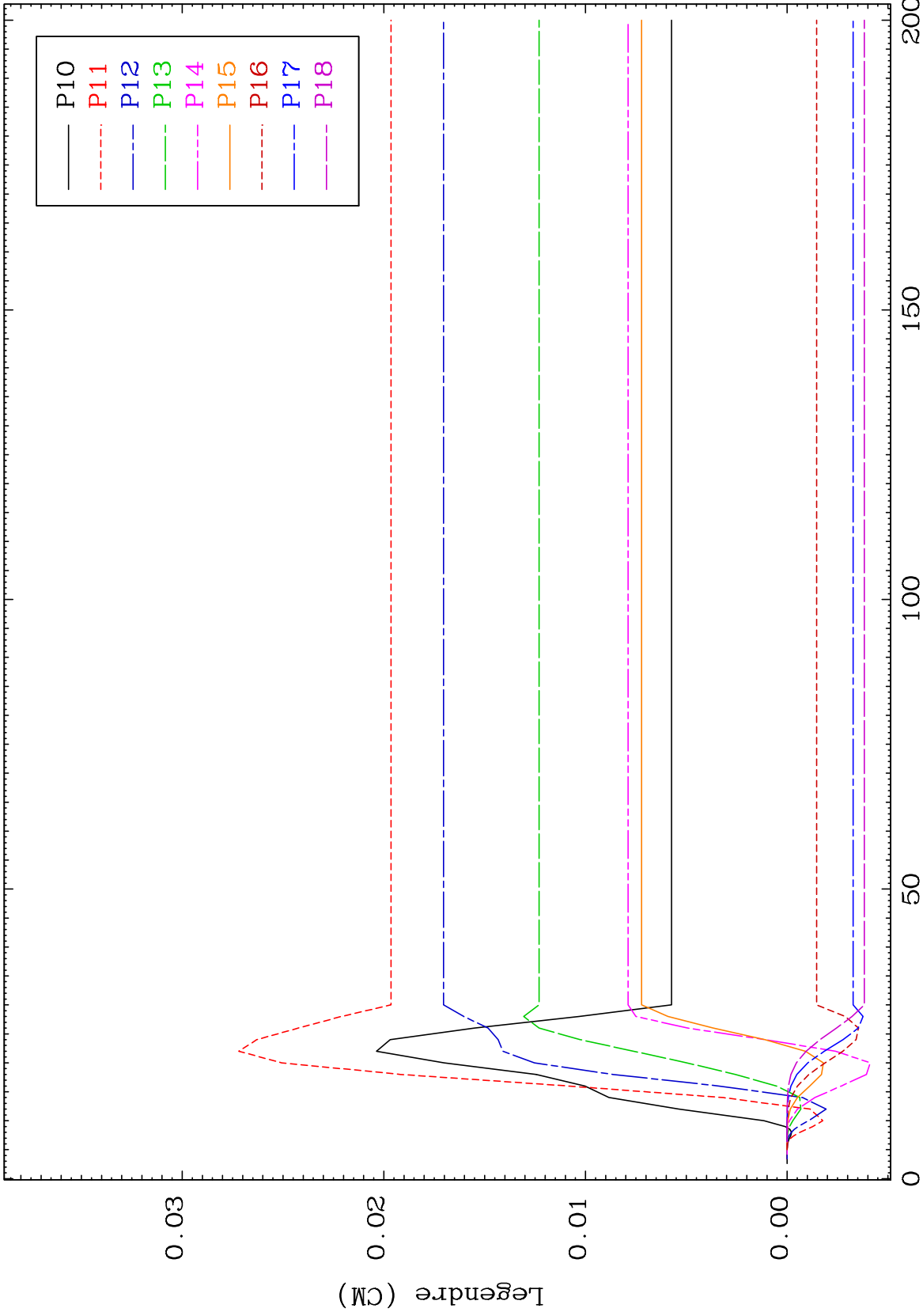
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

50-Sn-113



104

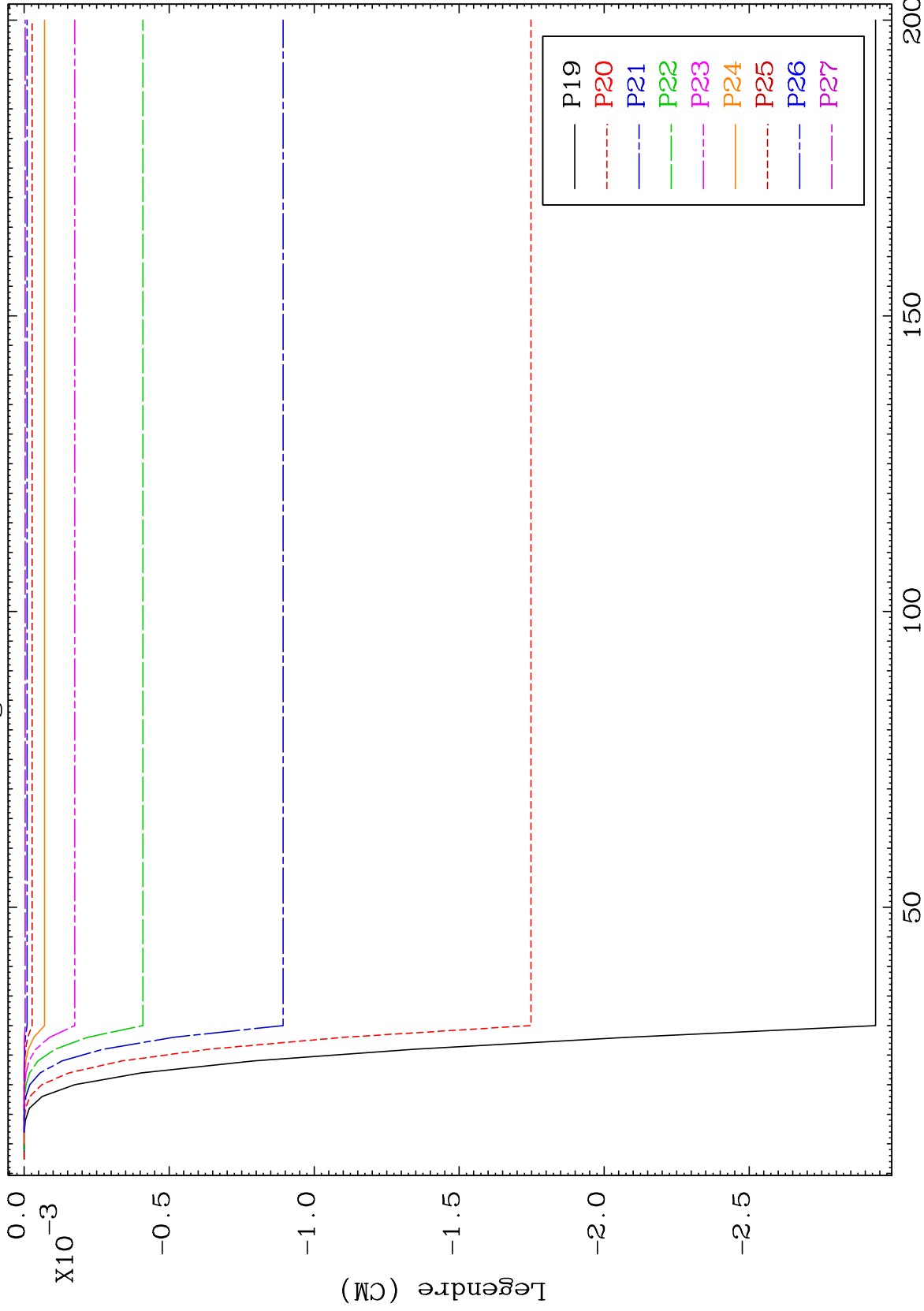
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

50-Sn-113



50-Sn-113

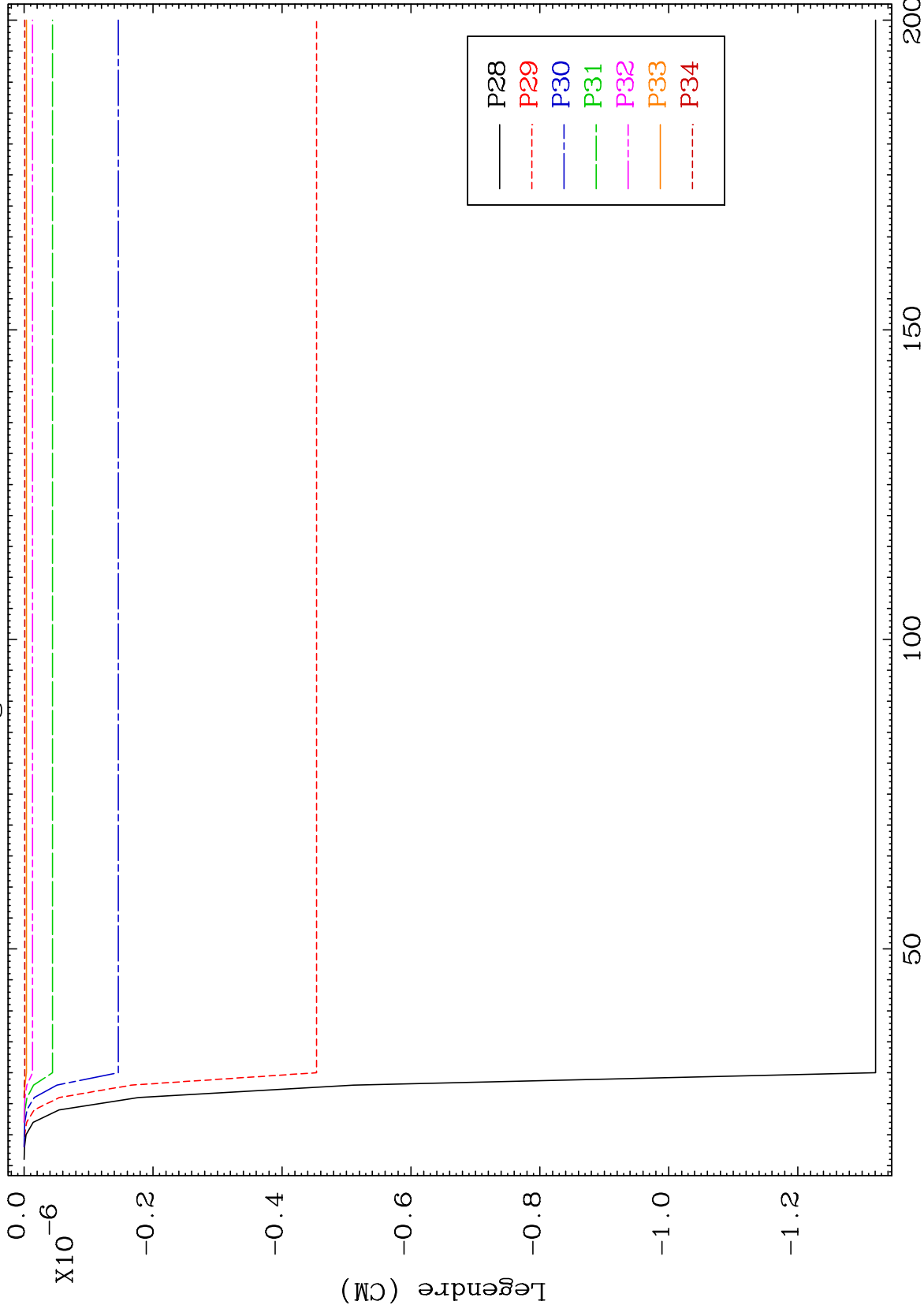
Incident Energy (MeV)

105

MAT 5028

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

50-Sn-113

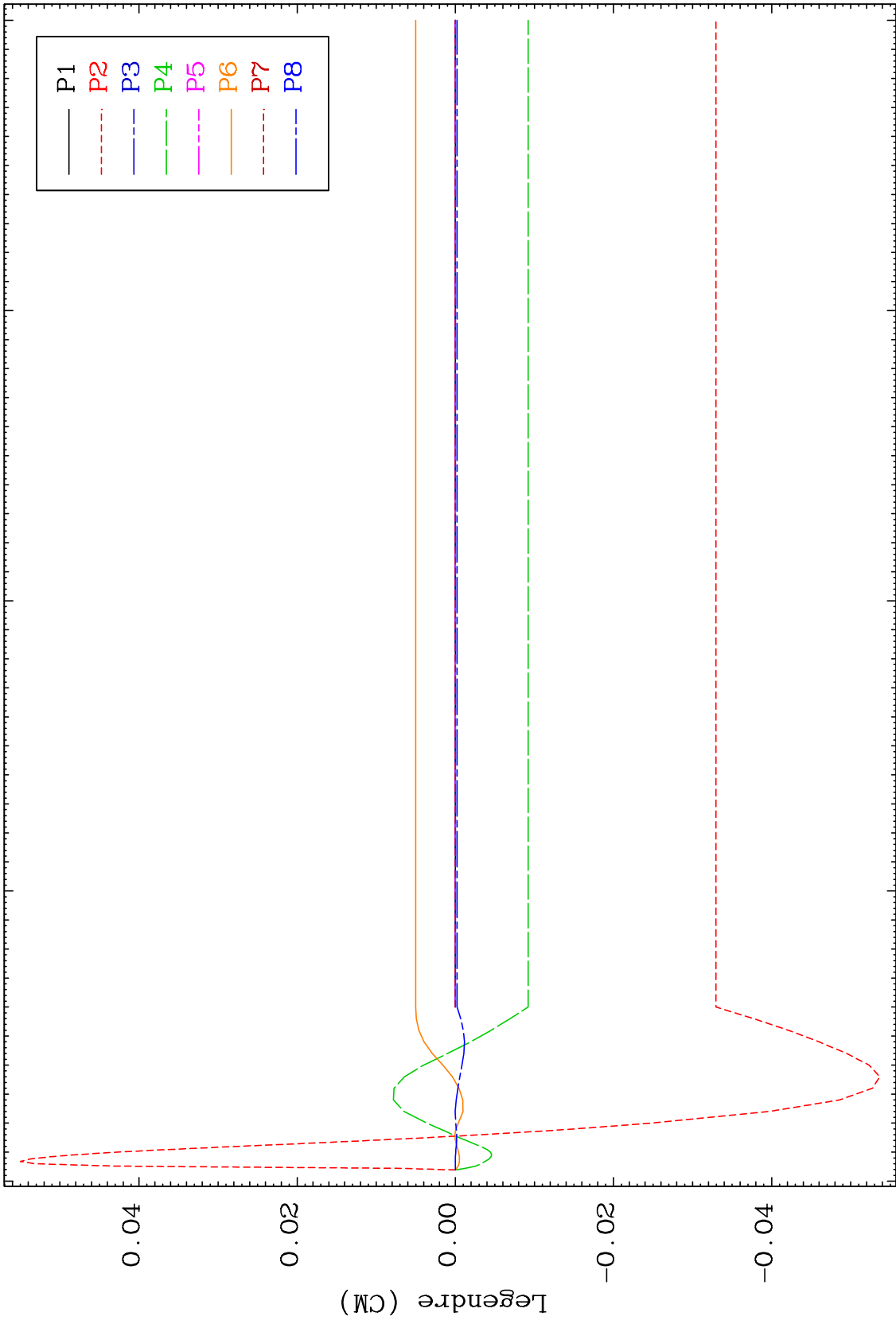


50-Sn-113

Incident Energy (MeV)

106

MAT 5028 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-113

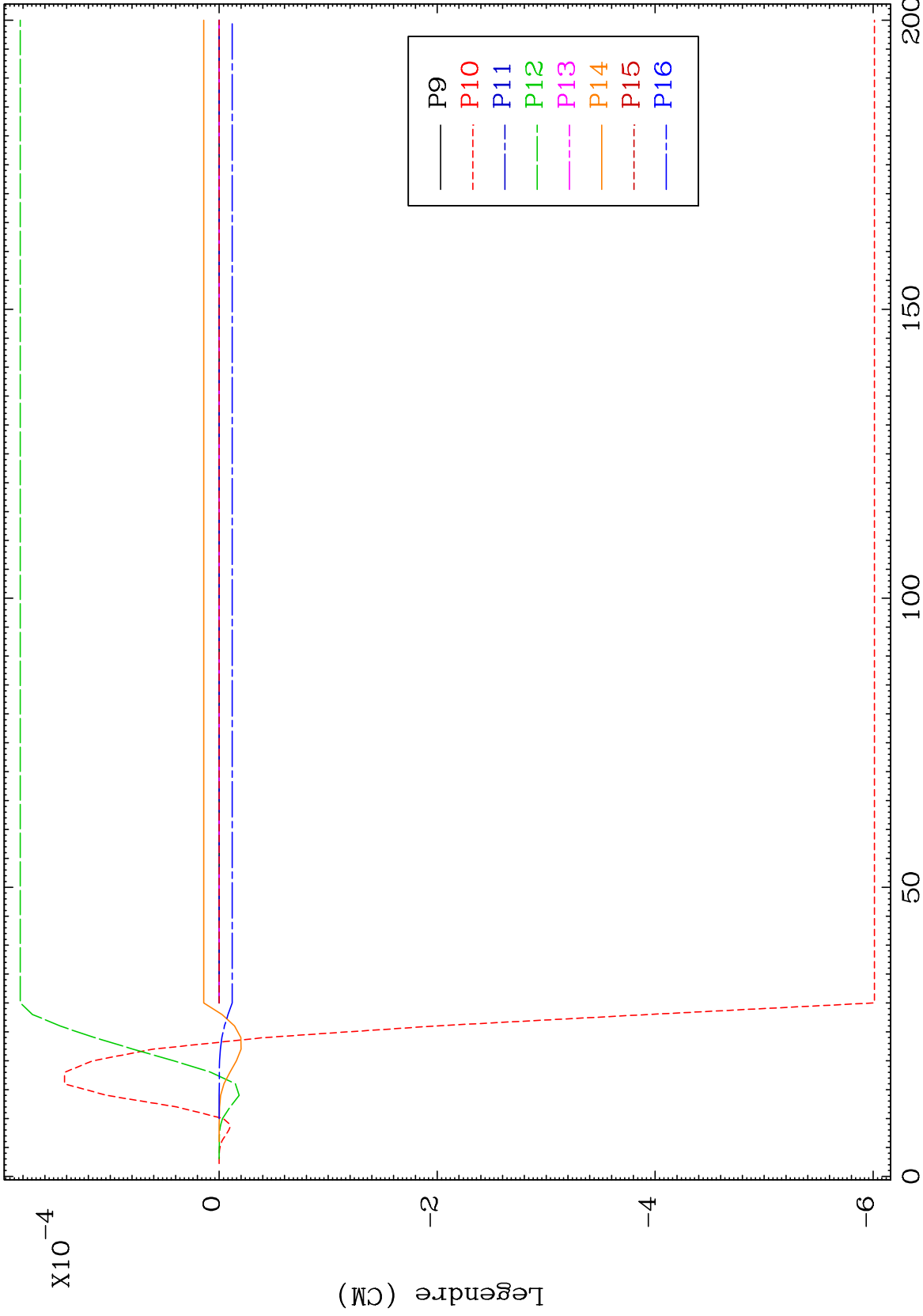


107 Incident Energy (MeV) 50-Sn-113

MAT 5028

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

50-Sn-113



108

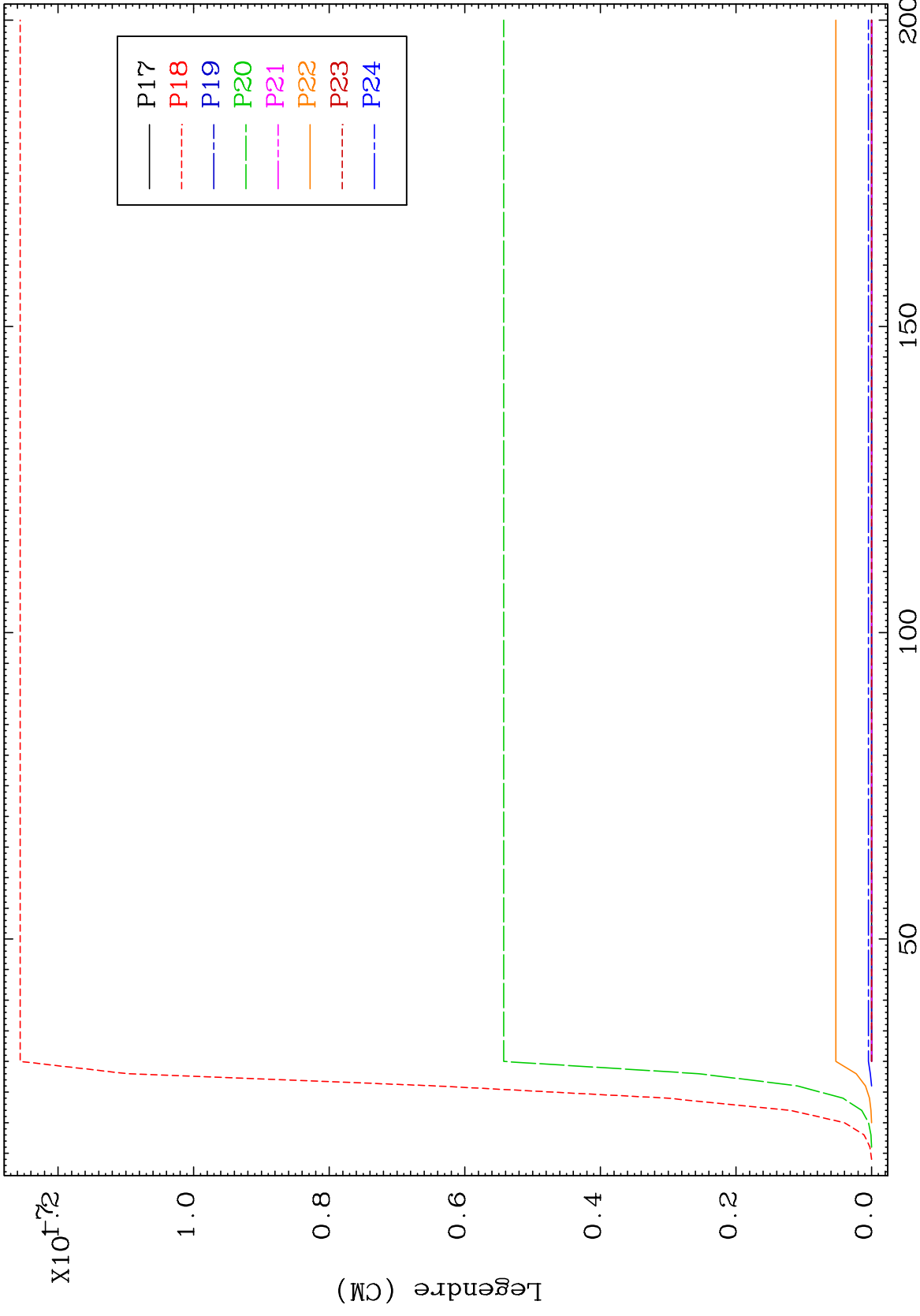
50-Sn-113

50-Sn-113

MAT 5028

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

50-Sn-113

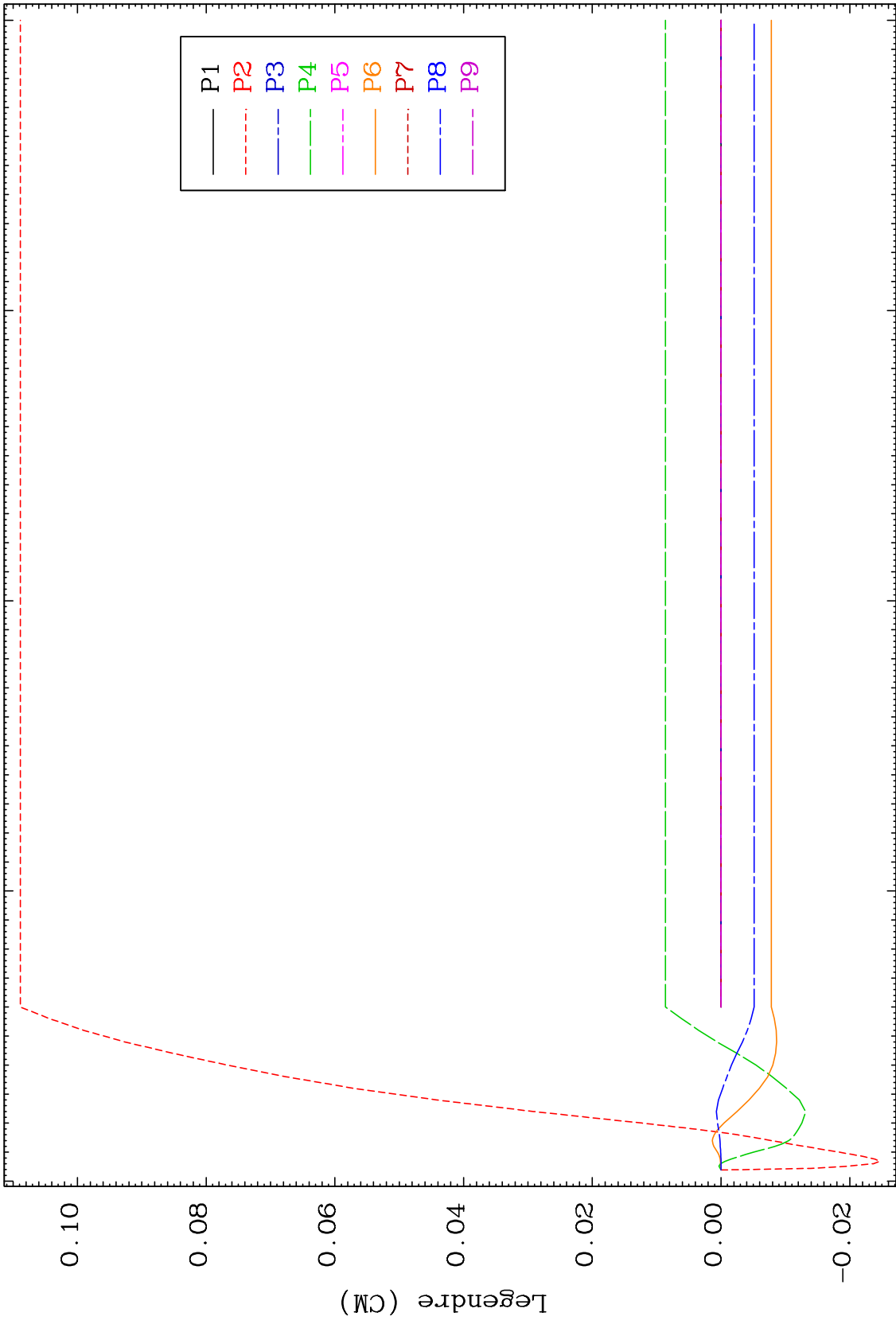


50-Sn-113

Incident Energy (MeV)

109

MAT 5028 MT= 79 (n,n') Level Legendre Coefficients 50-Sn-113

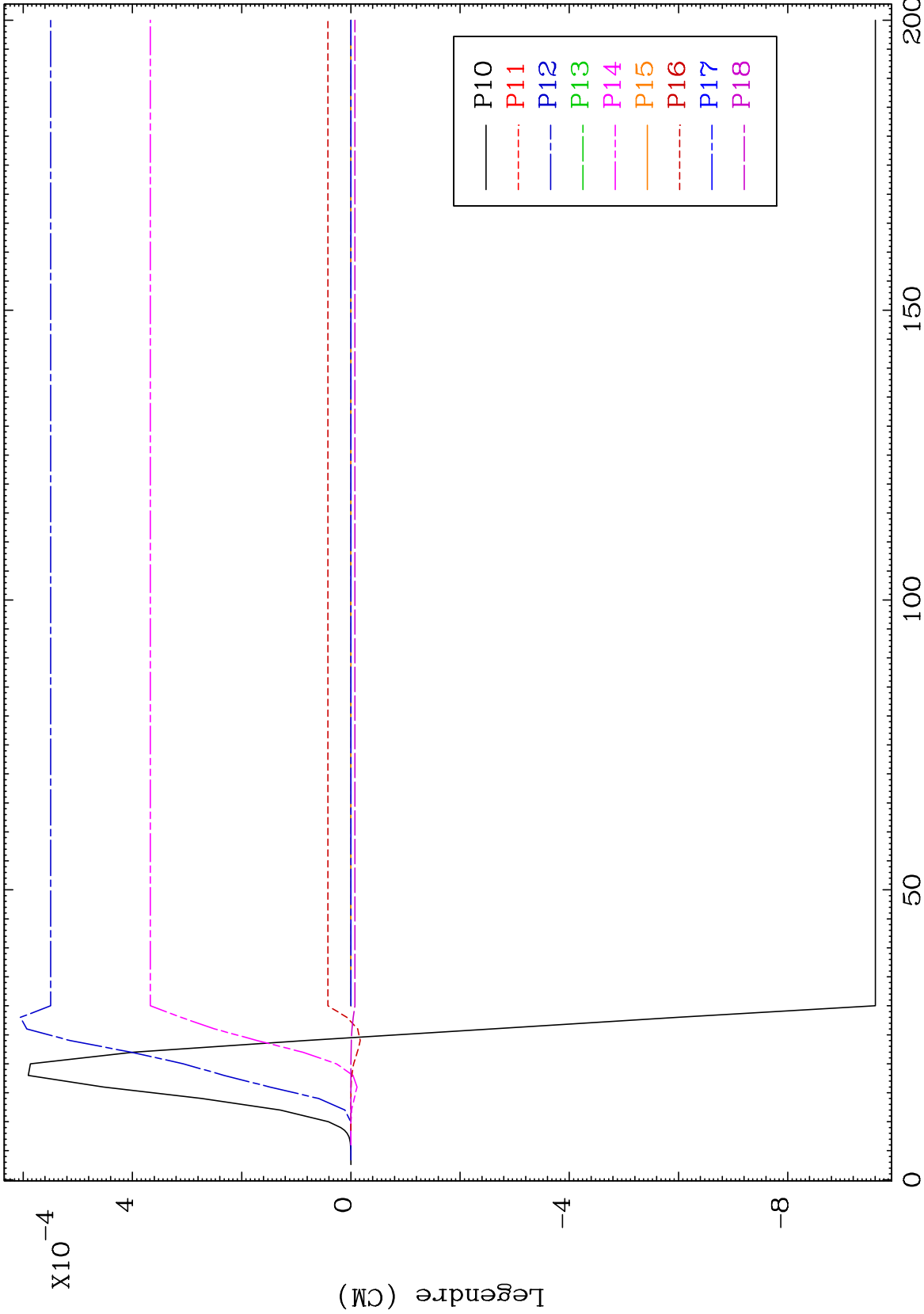


110 Incident Energy (MeV) 50-Sn-113

MAT 5028

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

50-Sn-113

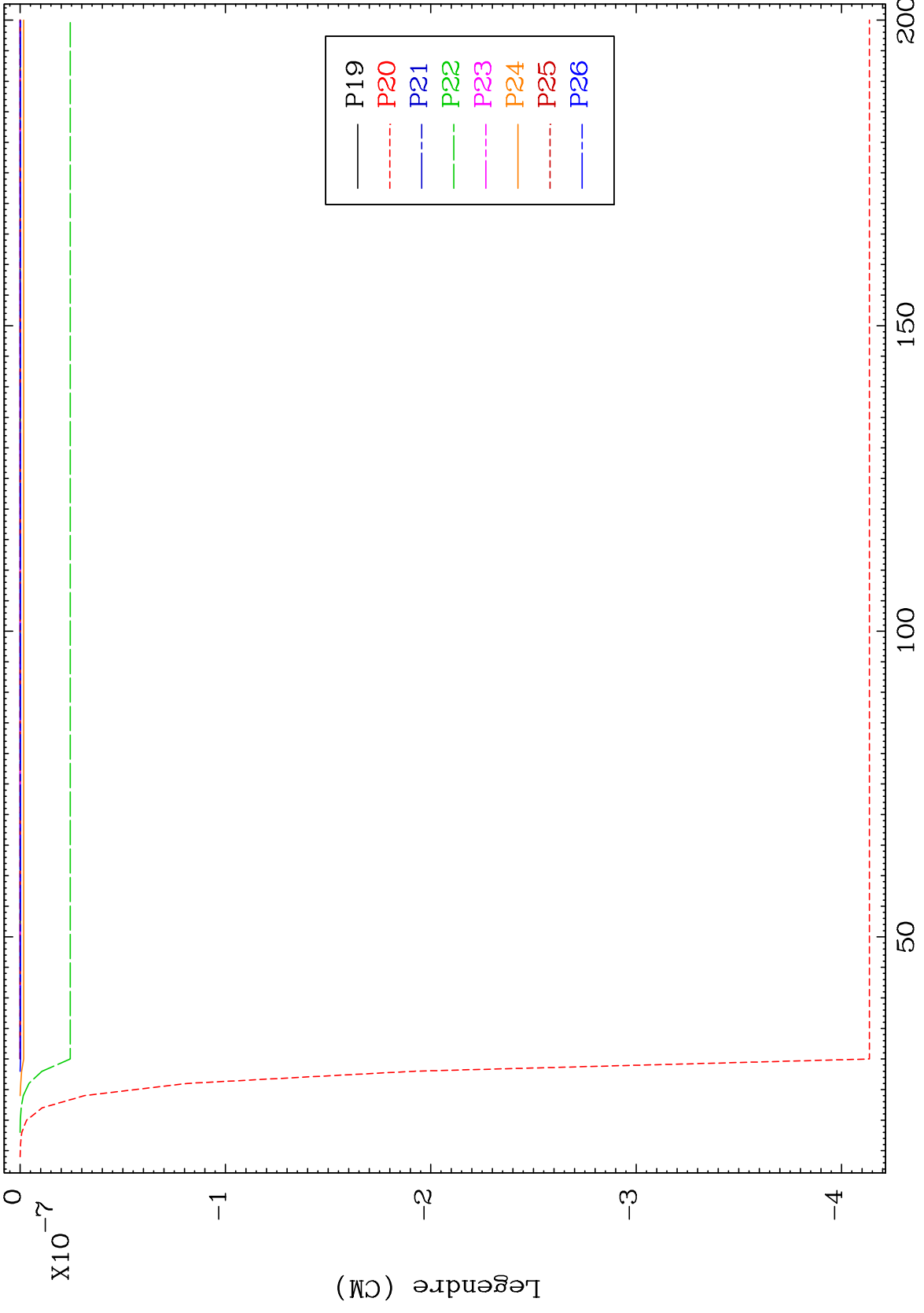


111

Incident Energy (MeV)

50-Sn-113

MAT 5028 MT= 79 (n,n') Level Legendre Coefficients 50-Sn-113

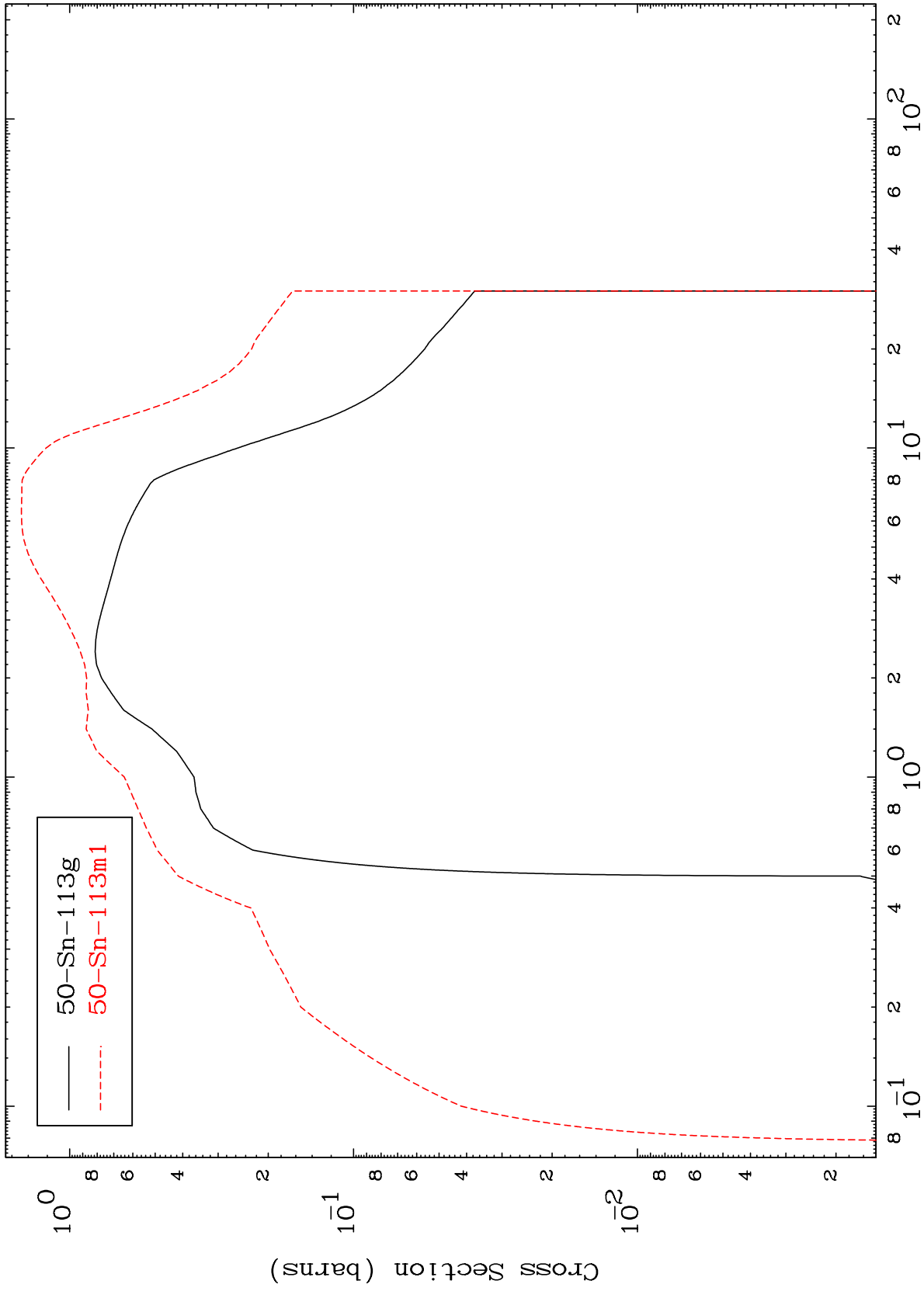


112 Incident Energy (MeV) 50-Sn-113

MAT 5028

50-Sn-113

Inelastic
Radionuclide Production Cross Section



113

Incident Energy (MeV)

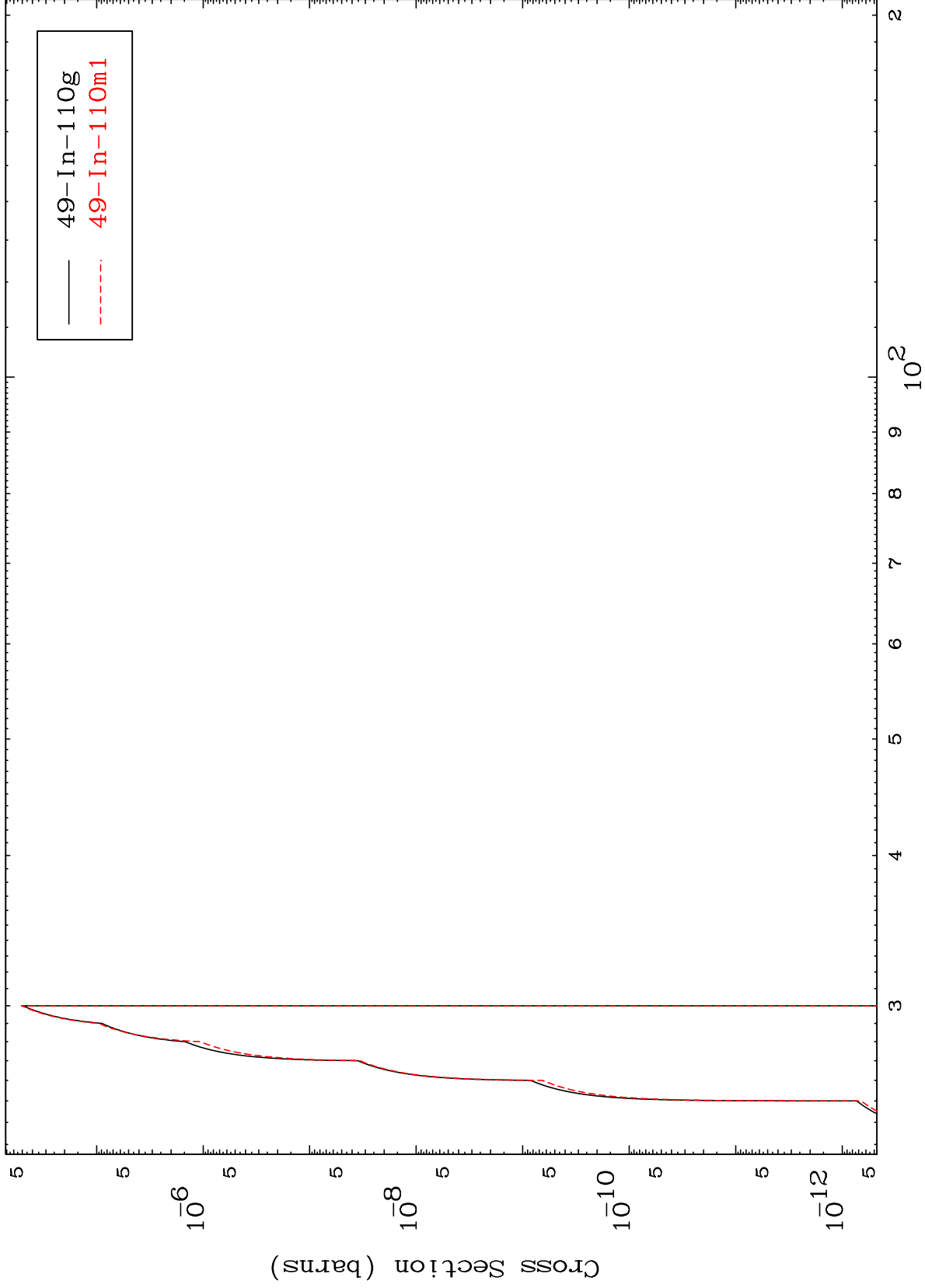
50-Sn-113

MAT 5028

(n,2n) d

50-Sn-113

Radionuclide Production Cross Section



114

Incident Energy (MeV)

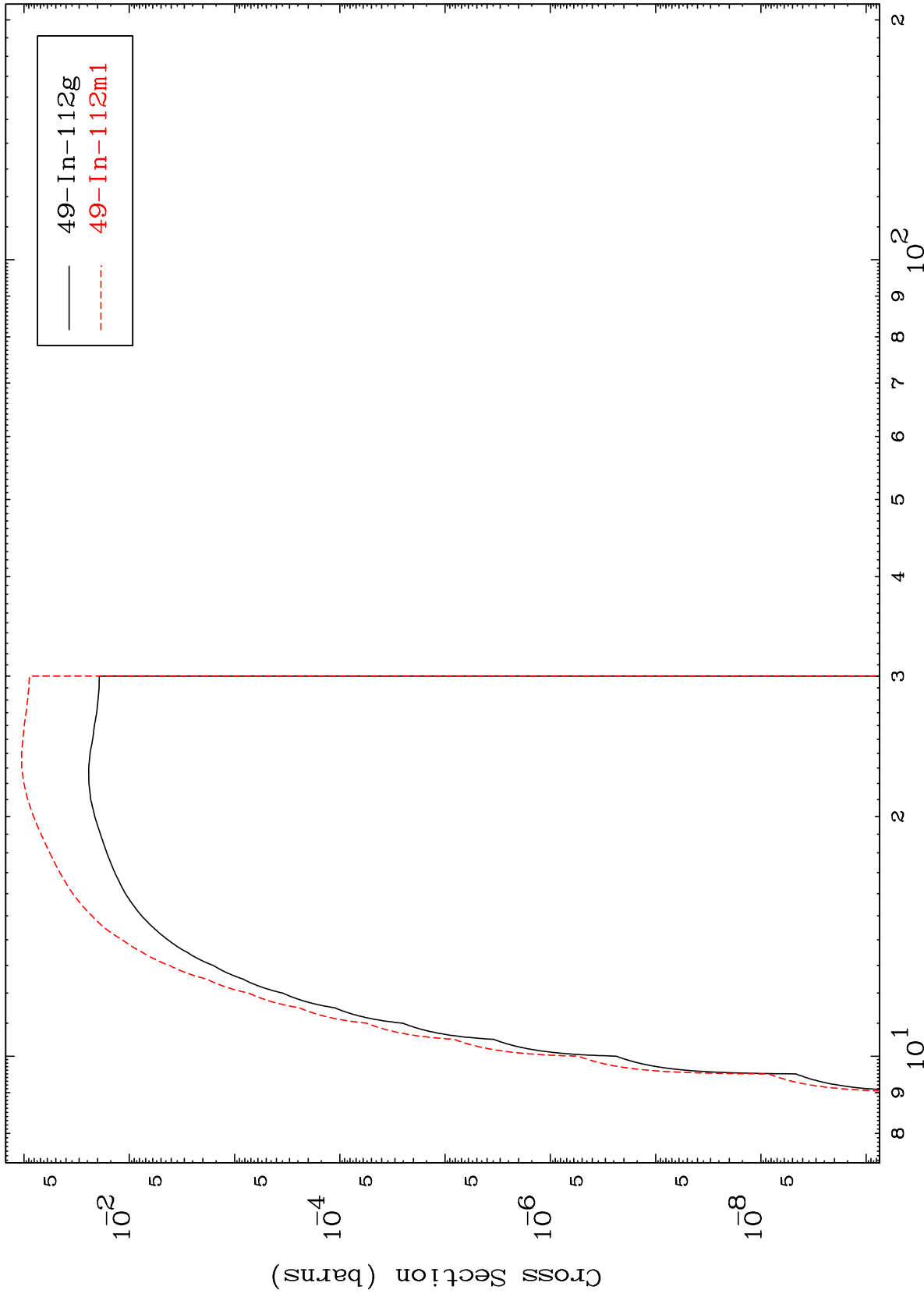
50-Sn-113

MAT 5028

(n,n') p

50-Sn-113

Radionuclide Production Cross Section



115

Incident Energy (MeV)

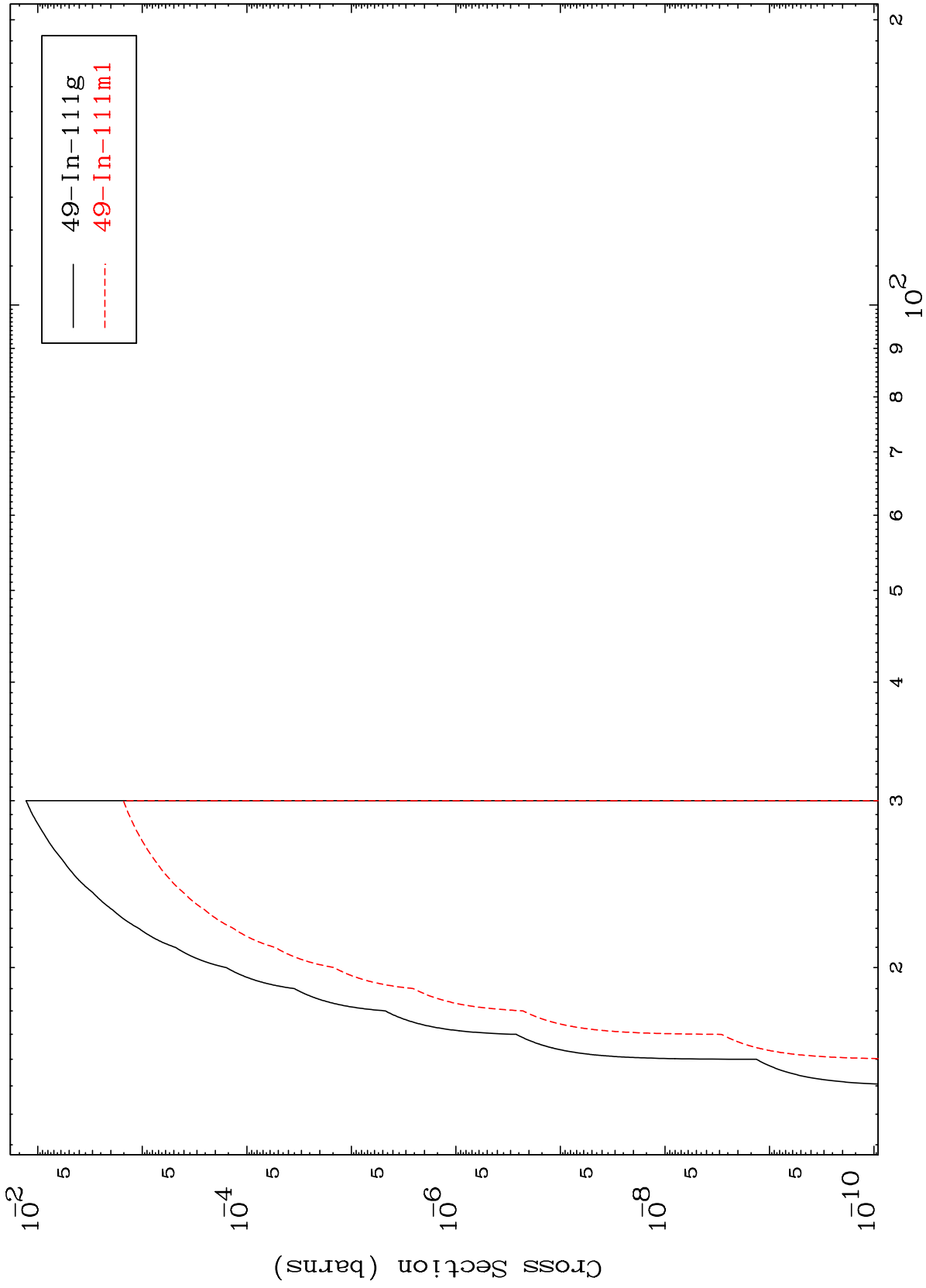
50-Sn-113

MAT 5028

(n,n') d

50-Sn-113

Radionuclide Production Cross Section



116

Incident Energy (MeV)

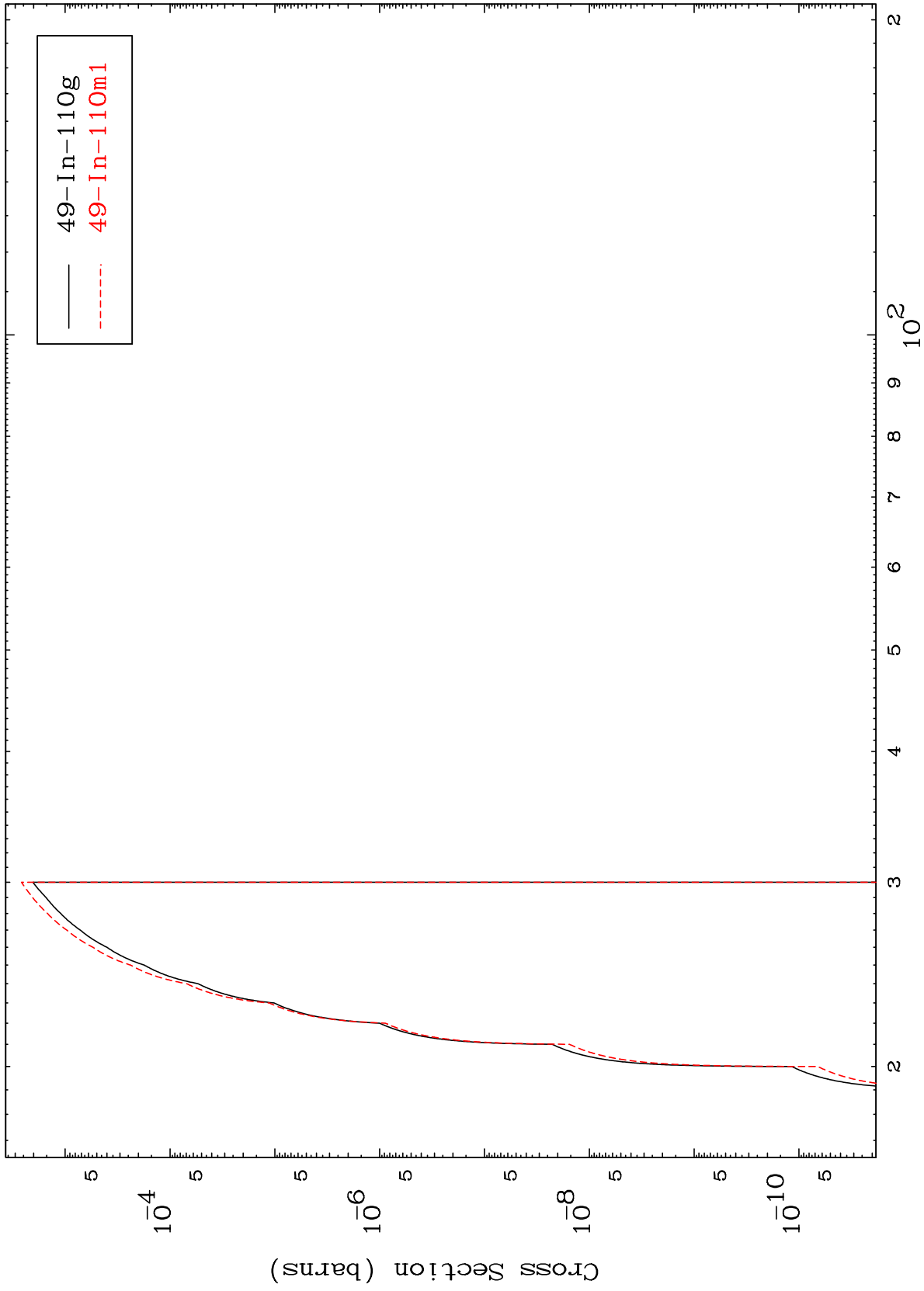
50-Sn-113

MAT 5028

(n,n') t

50-Sn-113

Radionuclide Production Cross Section



117

Incident Energy (MeV)

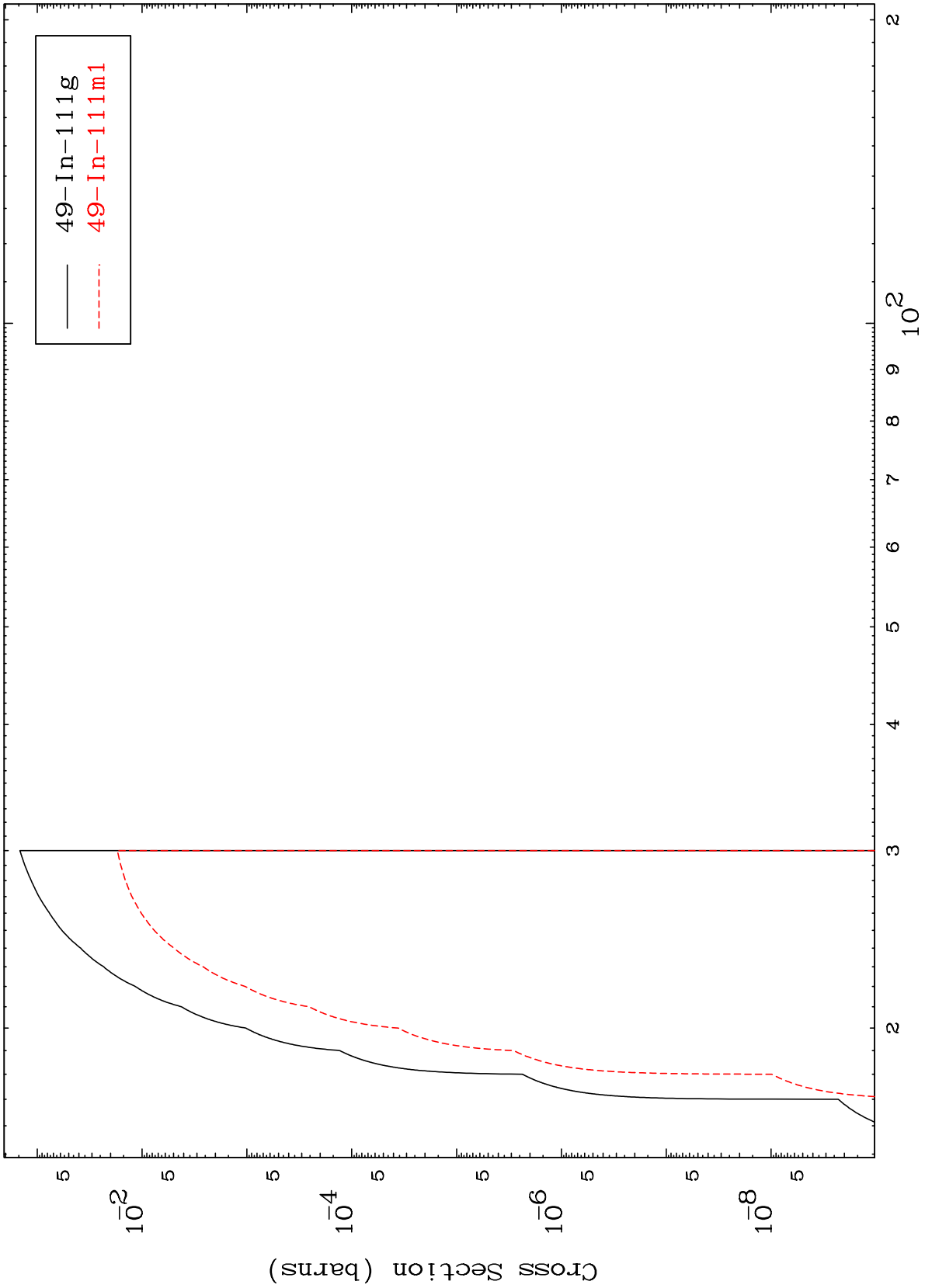
50-Sn-113

MAT 5028

(n,2n) p

50-Sn-113

Radionuclide Production Cross Section



118

Incident Energy (MeV)

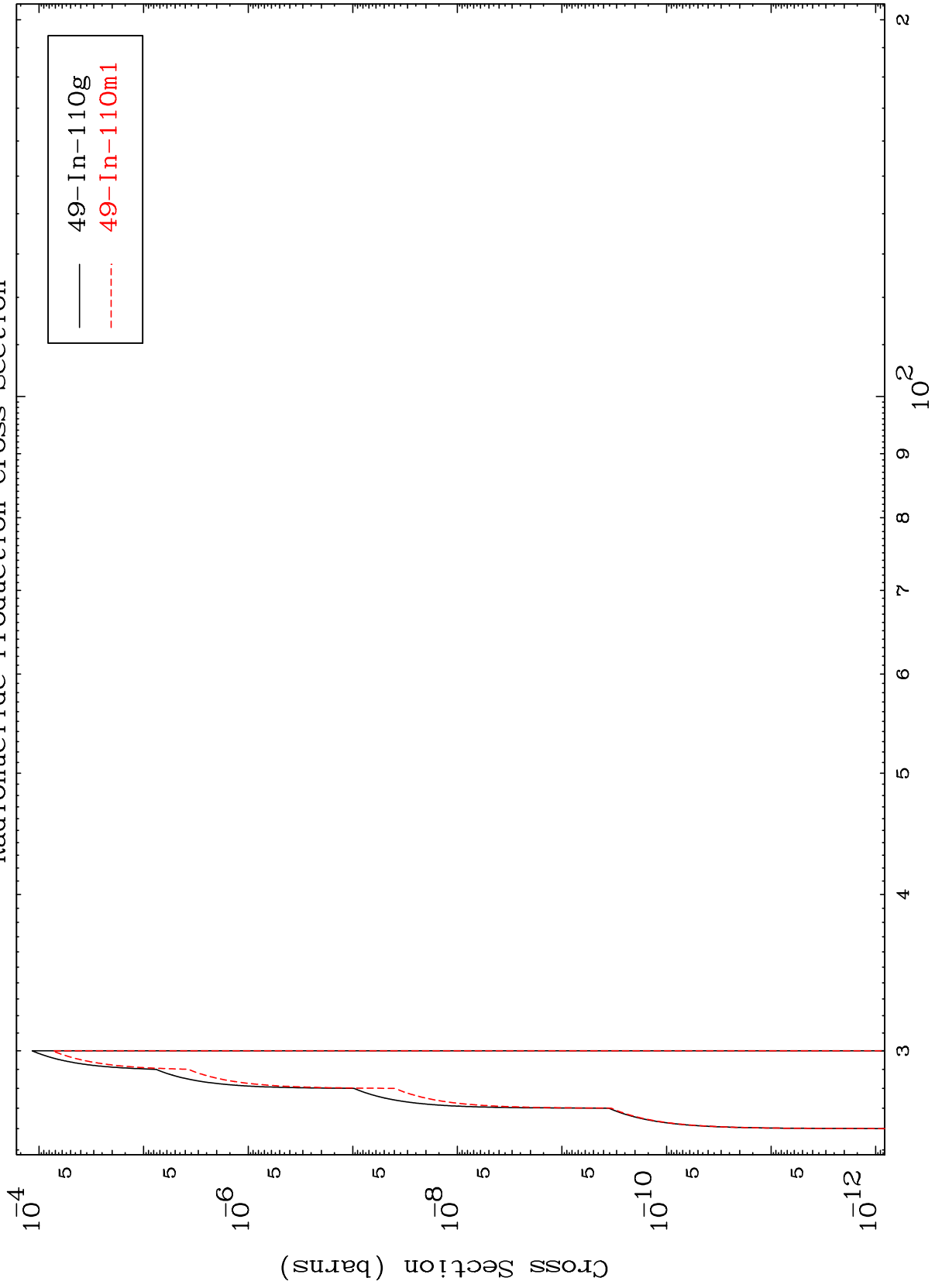
50-Sn-113

MAT 5028

(n,3n) p

50-Sn-113

Radionuclide Production Cross Section



49-In-110g
49-In-110m1

119

Incident Energy (MeV)

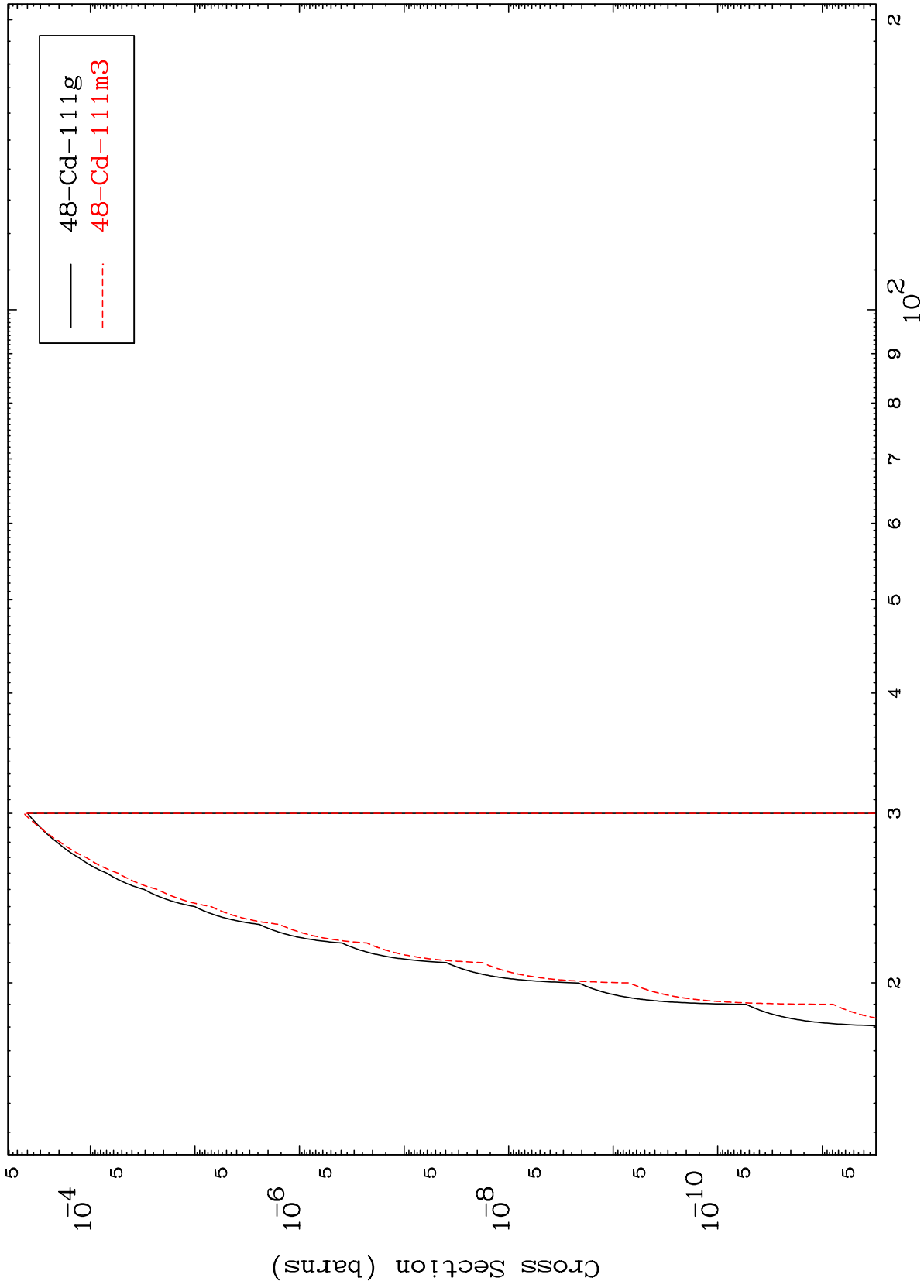
50-Sn-113

MAT 5028

(n,2n) p

50-Sn-113

Radionuclide Production Cross Section



120

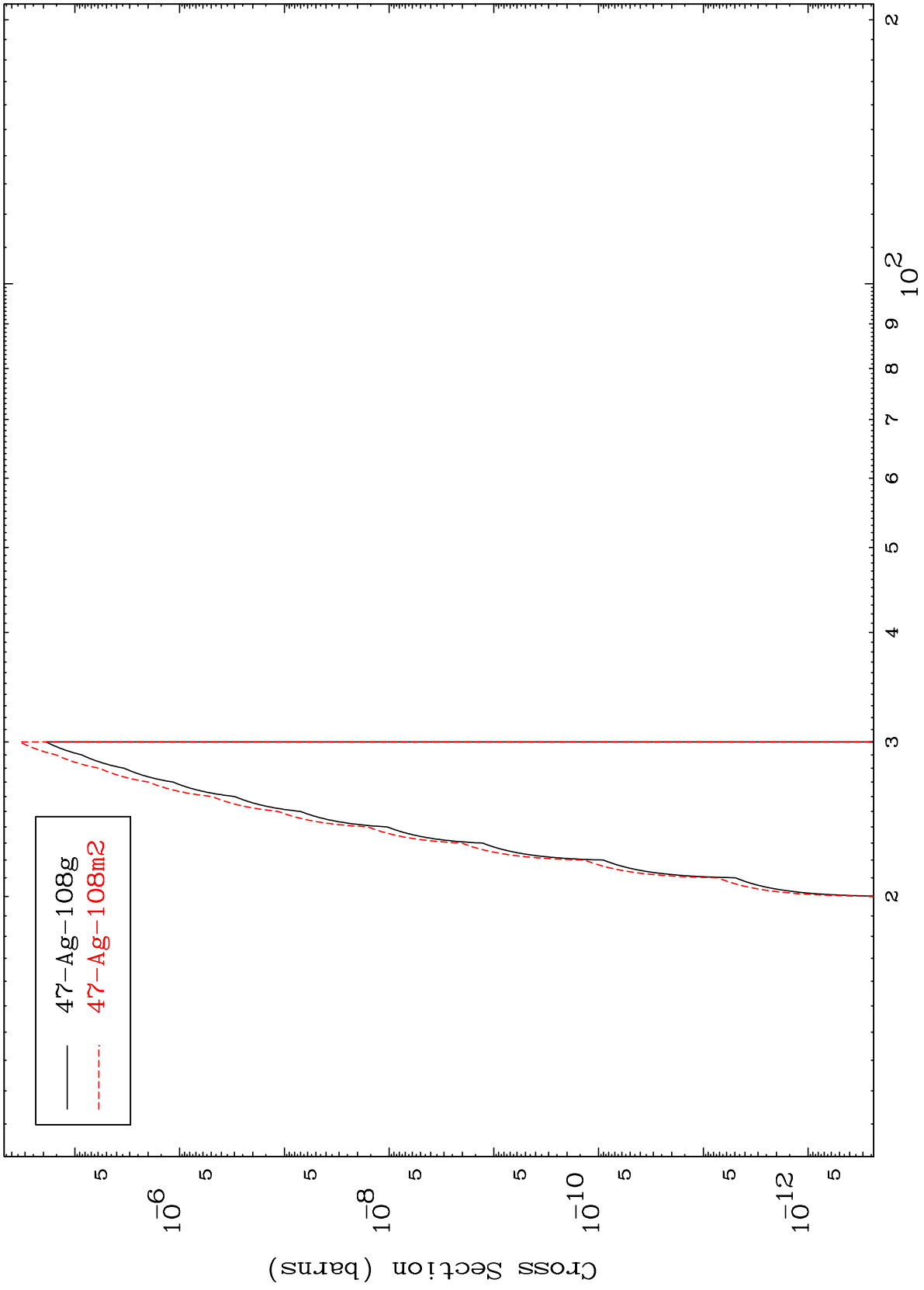
Incident Energy (MeV)

50-Sn-113

MAT 5028

50-Sn-113

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



121

50-Sn-113

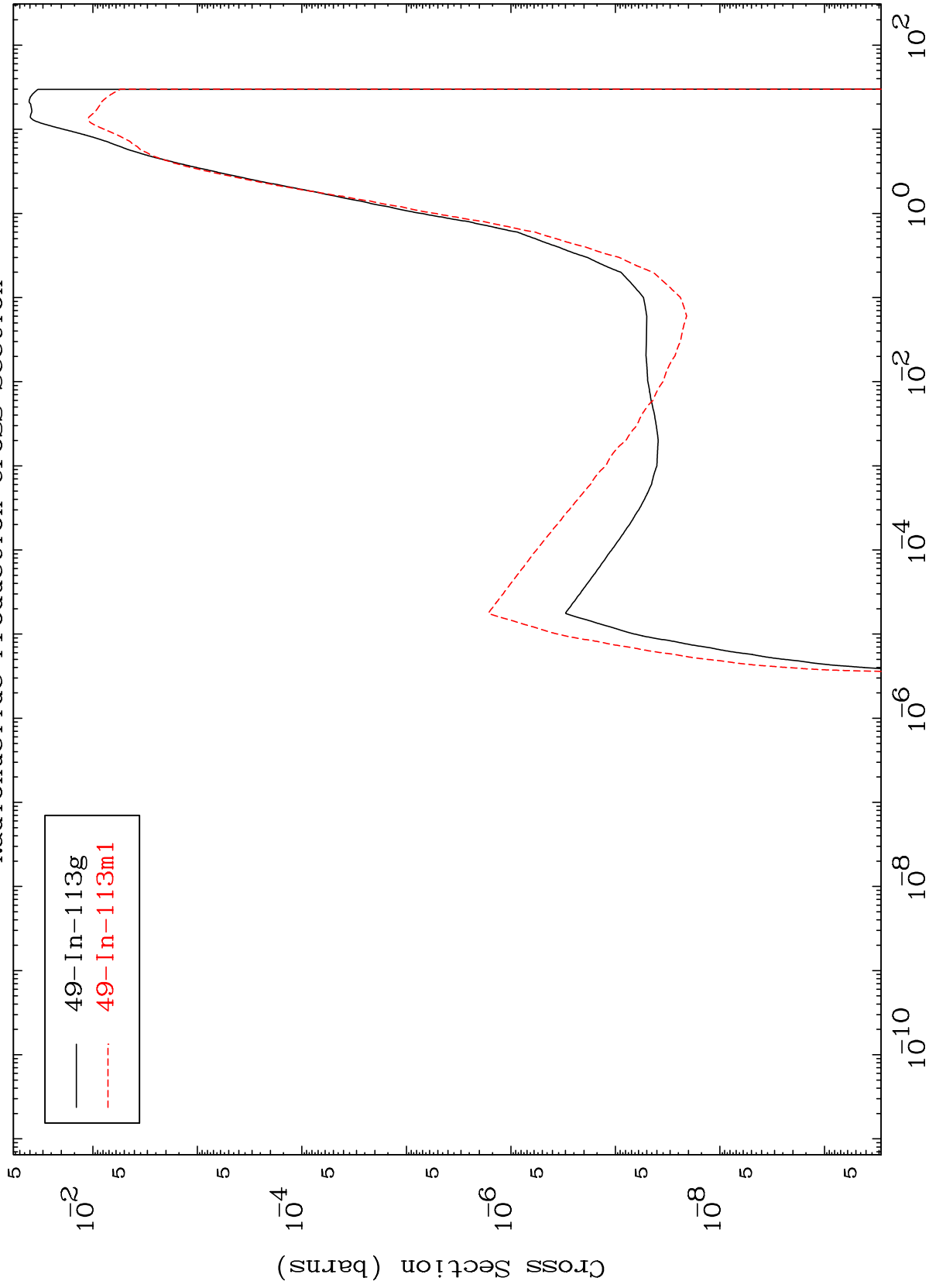
Incident Energy (MeV)

MAT 5028

(n,p)

50-Sn-113

Radionuclide Production Cross Section

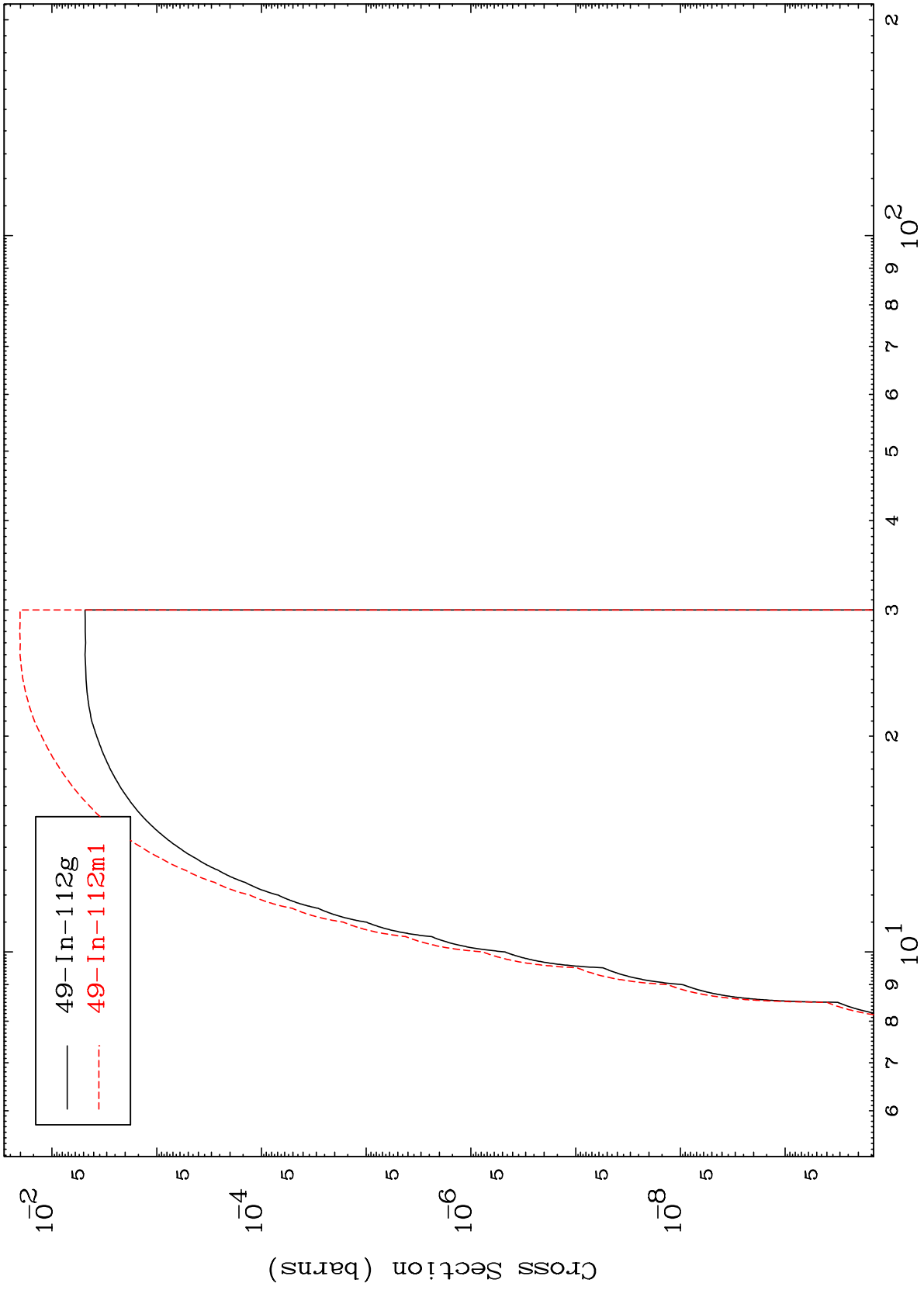


— 49-In-113g
- - - 49-In-113m1

MAT 5028

50-Sn-113

(n,d)
Radionuclide Production Cross Section



123

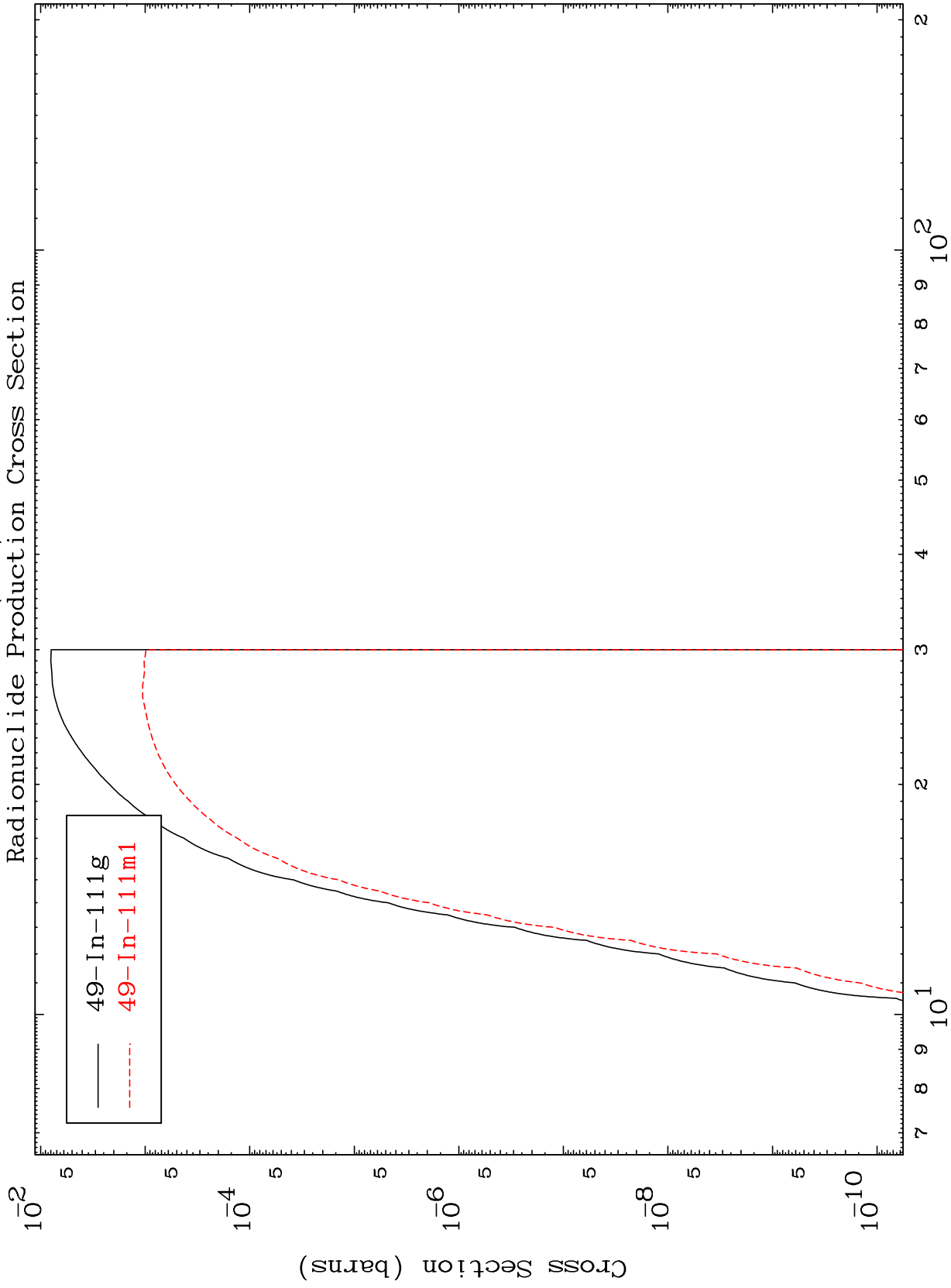
50-Sn-113

Incident Energy (MeV)

MAT 5028

50-Sn-113

(n, t)
Radionuclide Production Cross Section



124

Incident Energy (MeV)

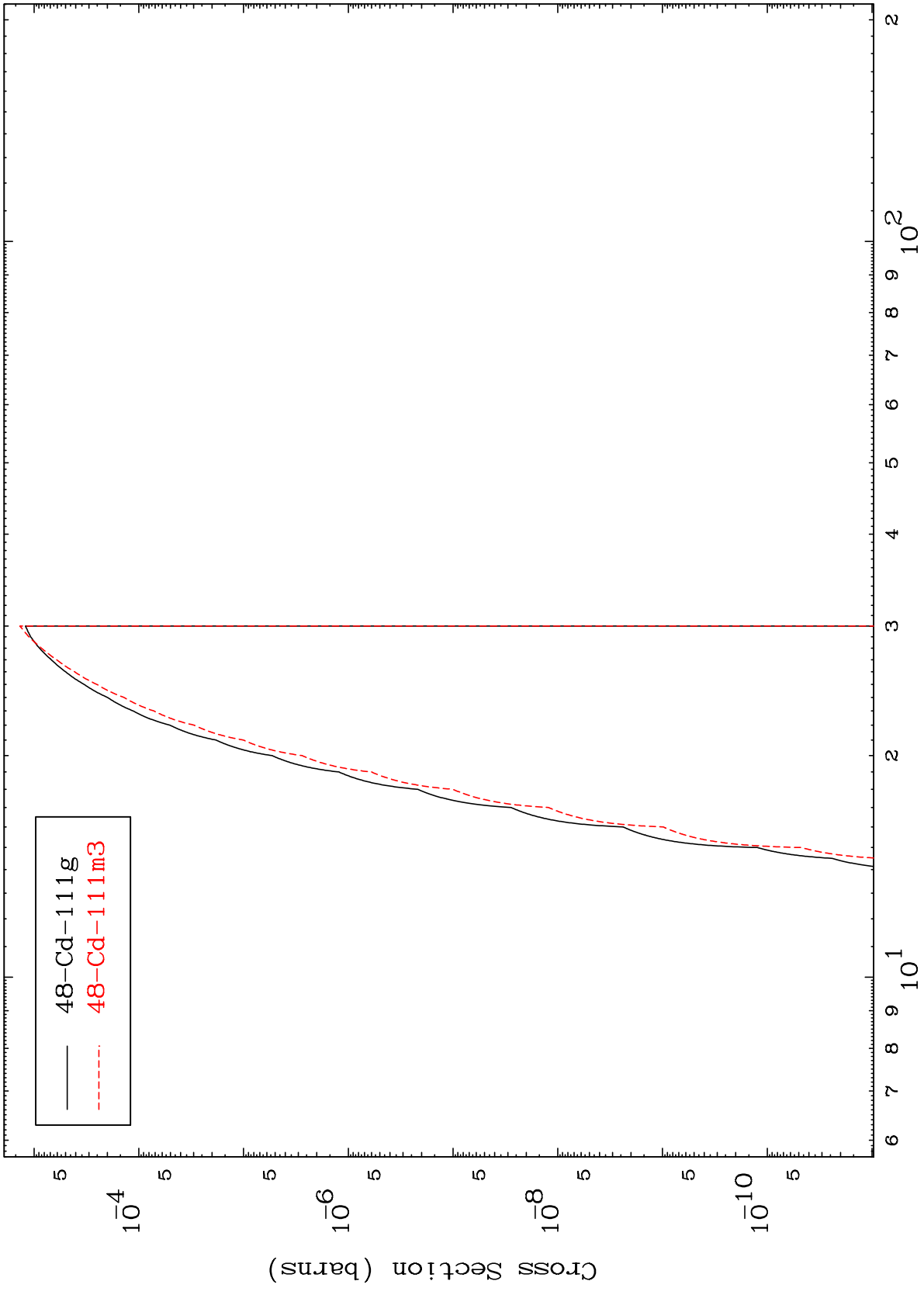
50-Sn-113

MAT 5028

(n, He-3)

50-Sn-113

Radionuclide Production Cross Section



48-Cd-111g
48-Cd-111m3

125

Incident Energy (MeV)

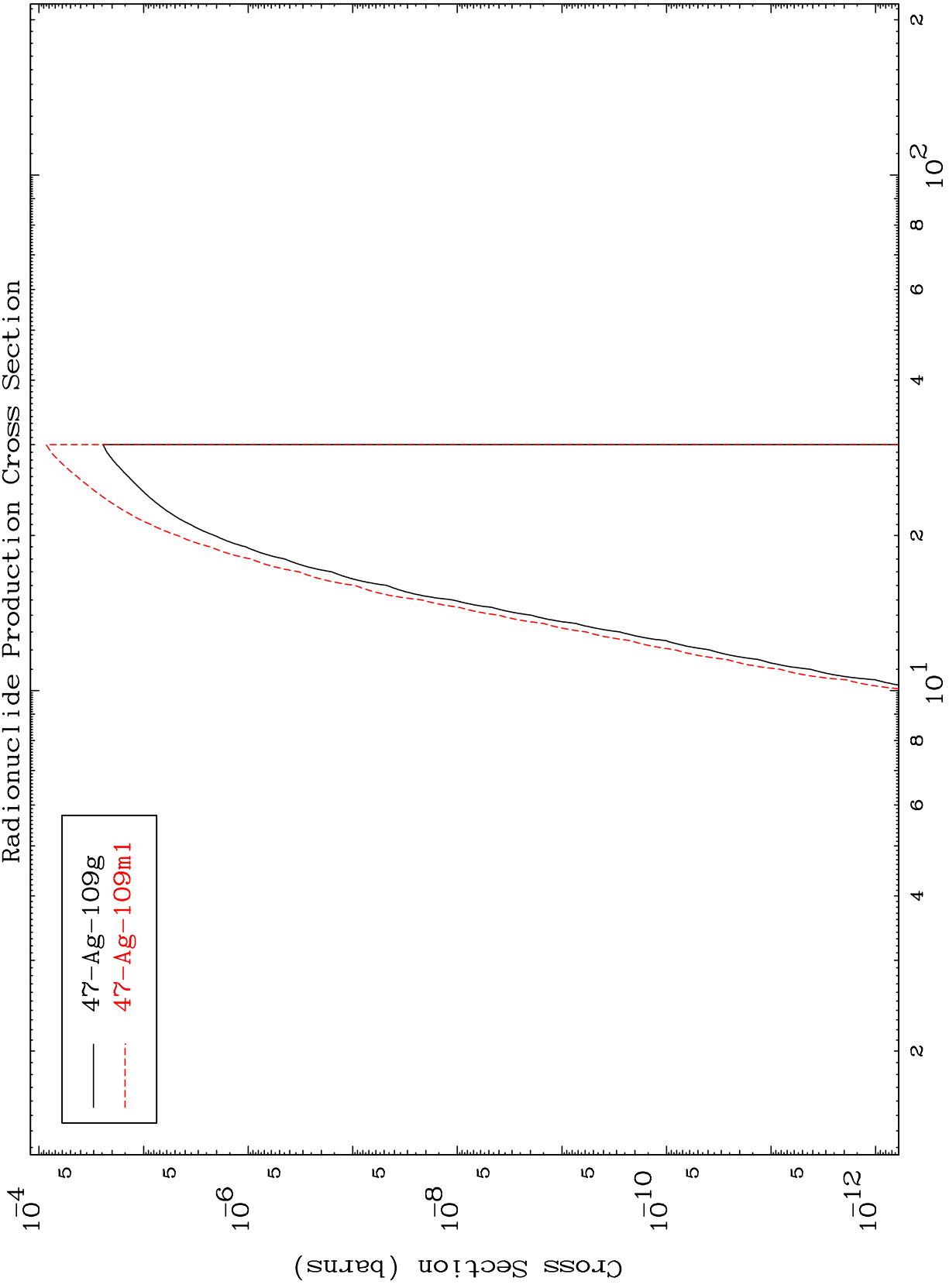
50-Sn-113

MAT 5028

(n,p) α

50-Sn-113

Radionuclide Production Cross Section



126

Incident Energy (MeV)

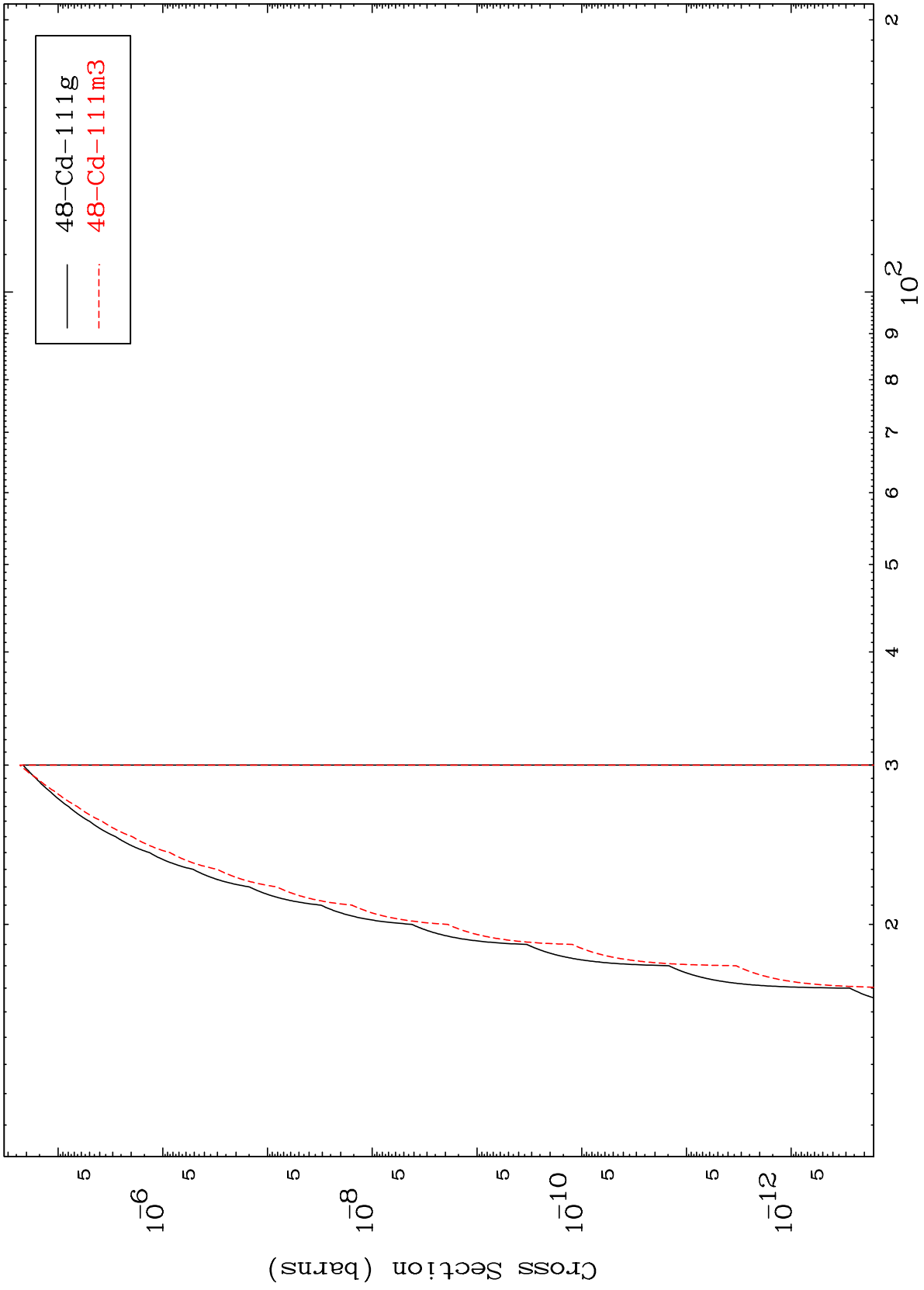
50-Sn-113

MAT 5028

(n,p) d

50-Sn-113

Radionuclide Production Cross Section



48-Cd-111g
48-Cd-111m3

127

Incident Energy (MeV)

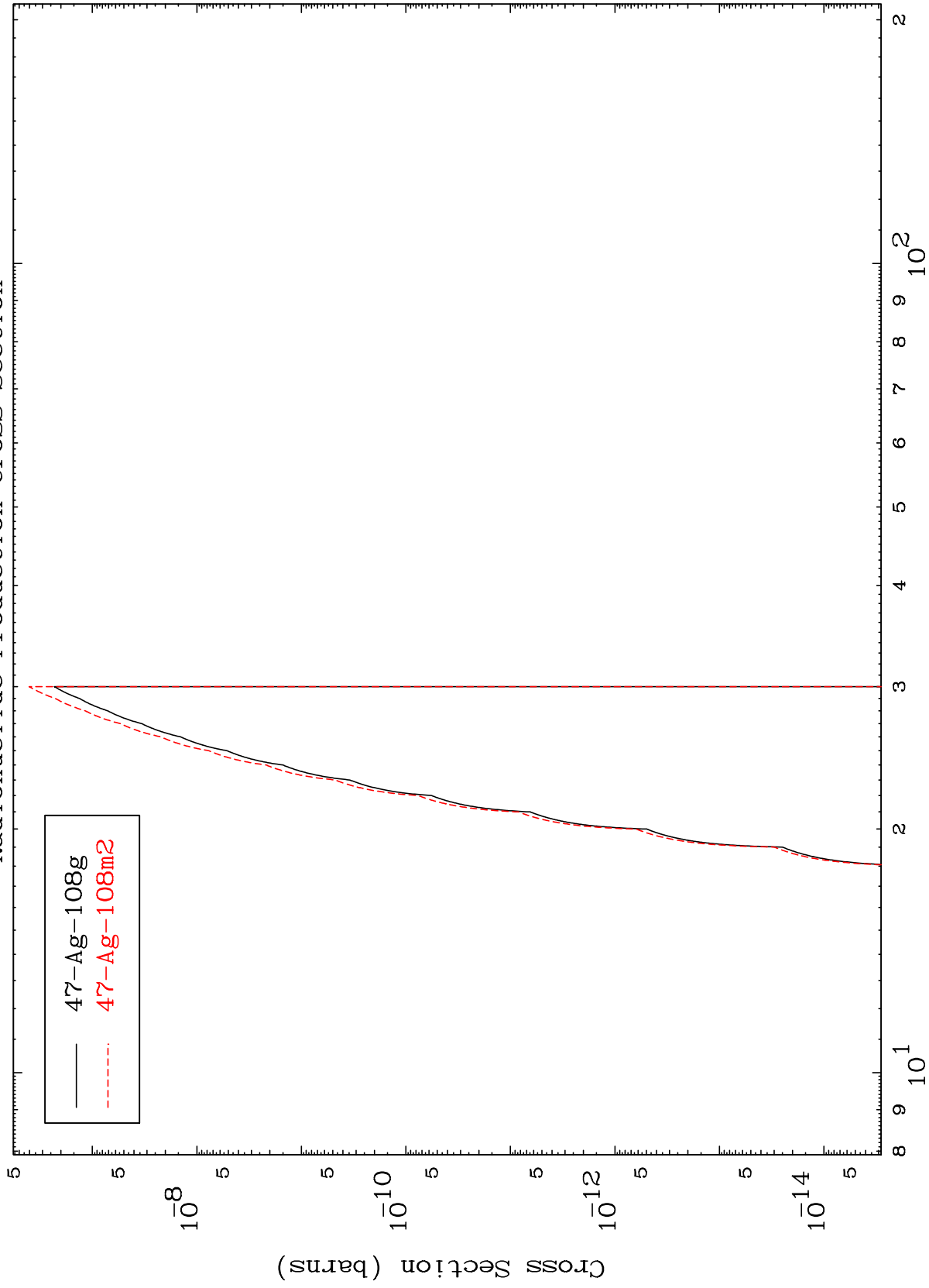
50-Sn-113

MAT 5028

(n,d) α

50-Sn-113

Radionuclide Production Cross Section



128

Incident Energy (MeV)

50-Sn-113