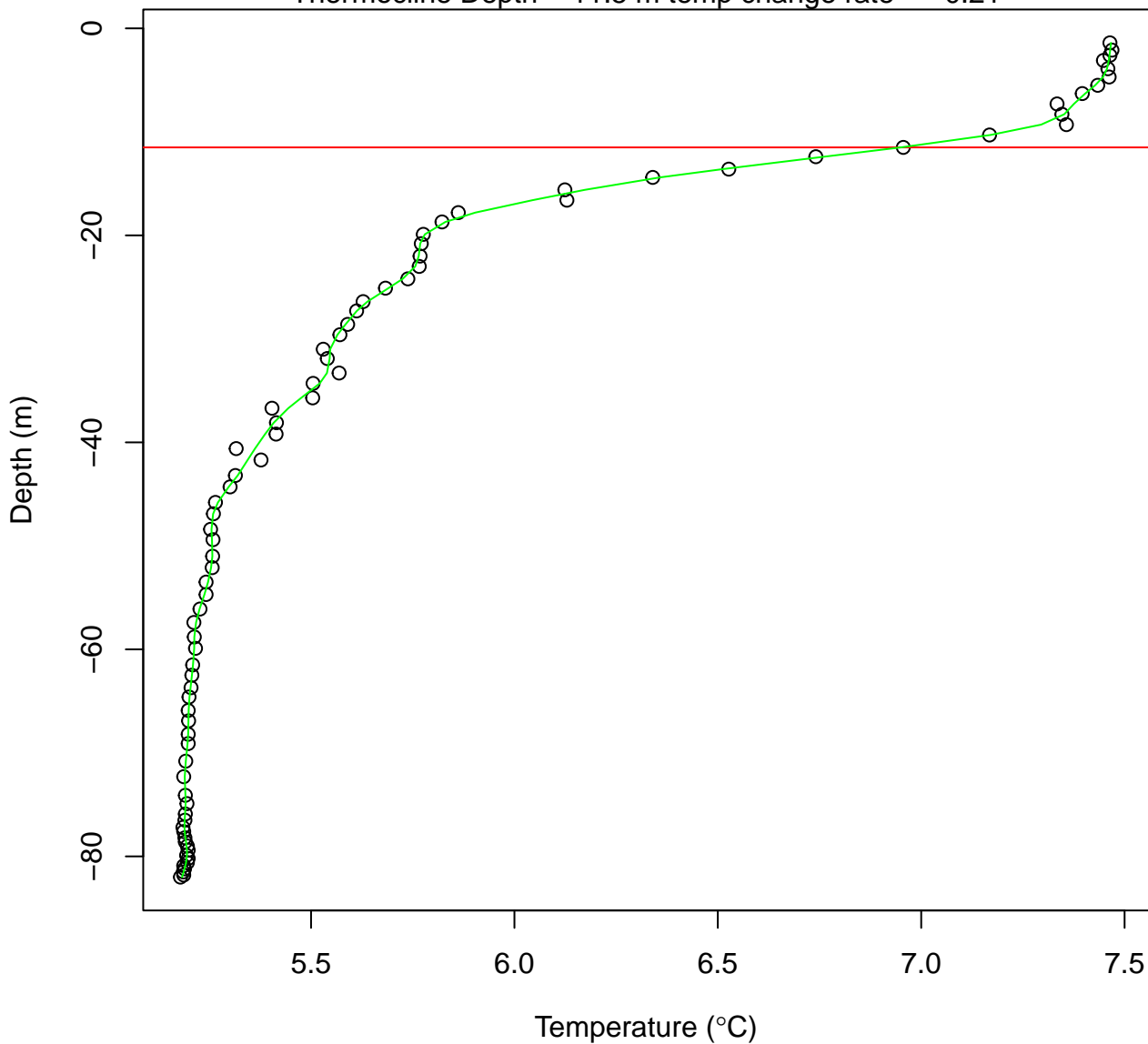


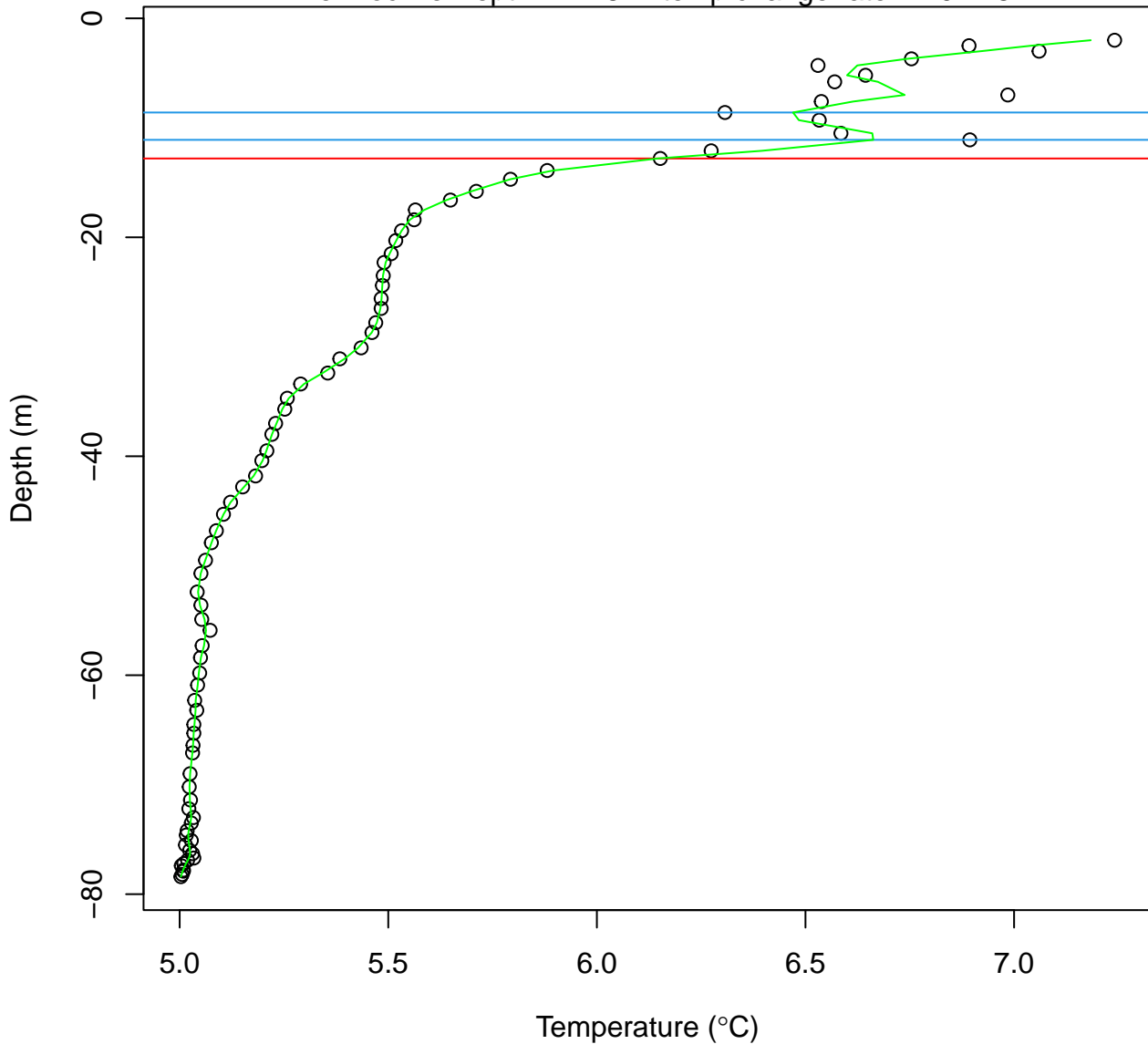
Vessel 148 Cruise 202201 Haul 1

Thermocline Depth = 11.5 m temp change rate = -0.21



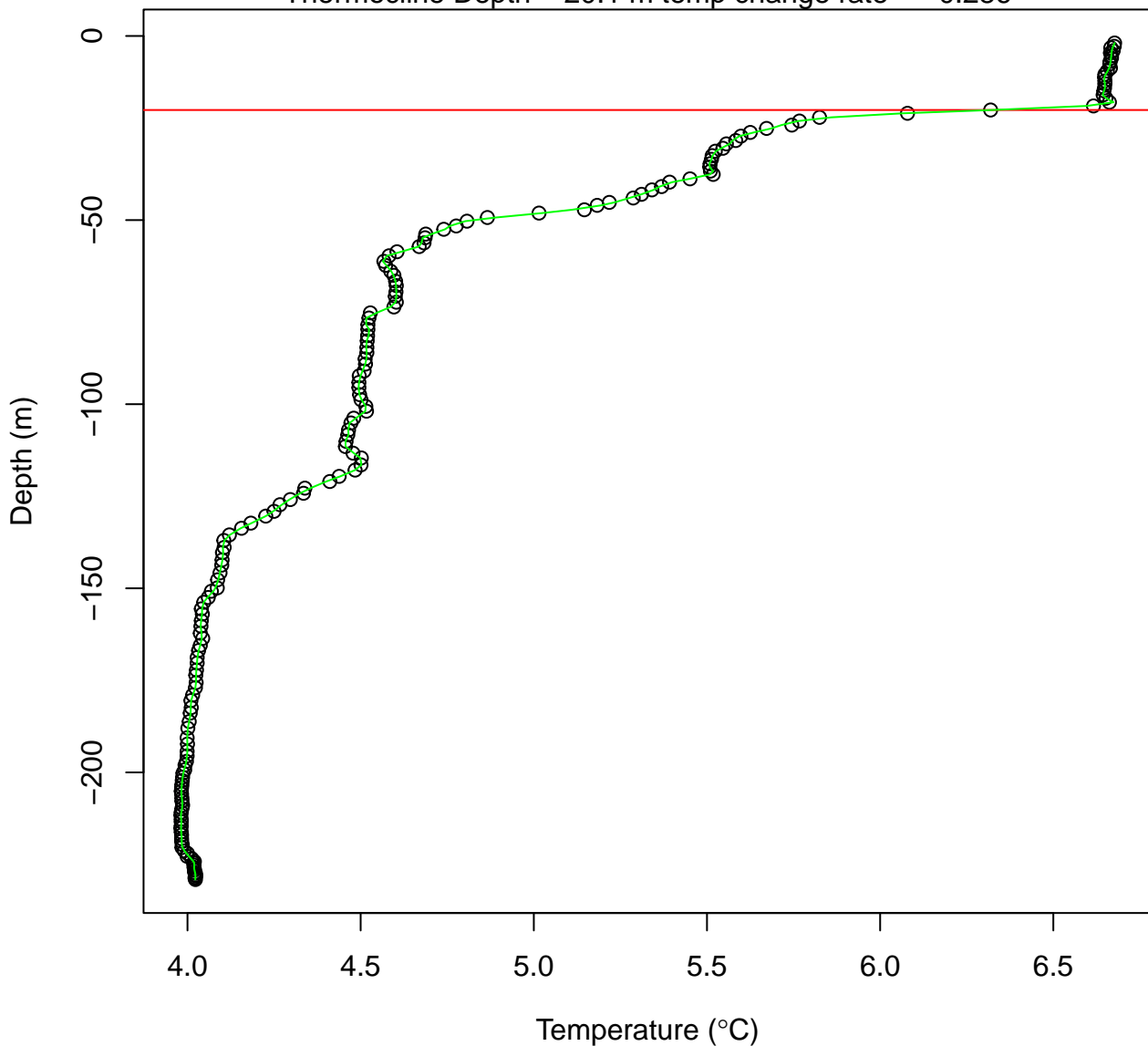
Vessel 148 Cruise 202201 Haul 2

Thermocline Depth = 12.8 m temp change rate = -0.228



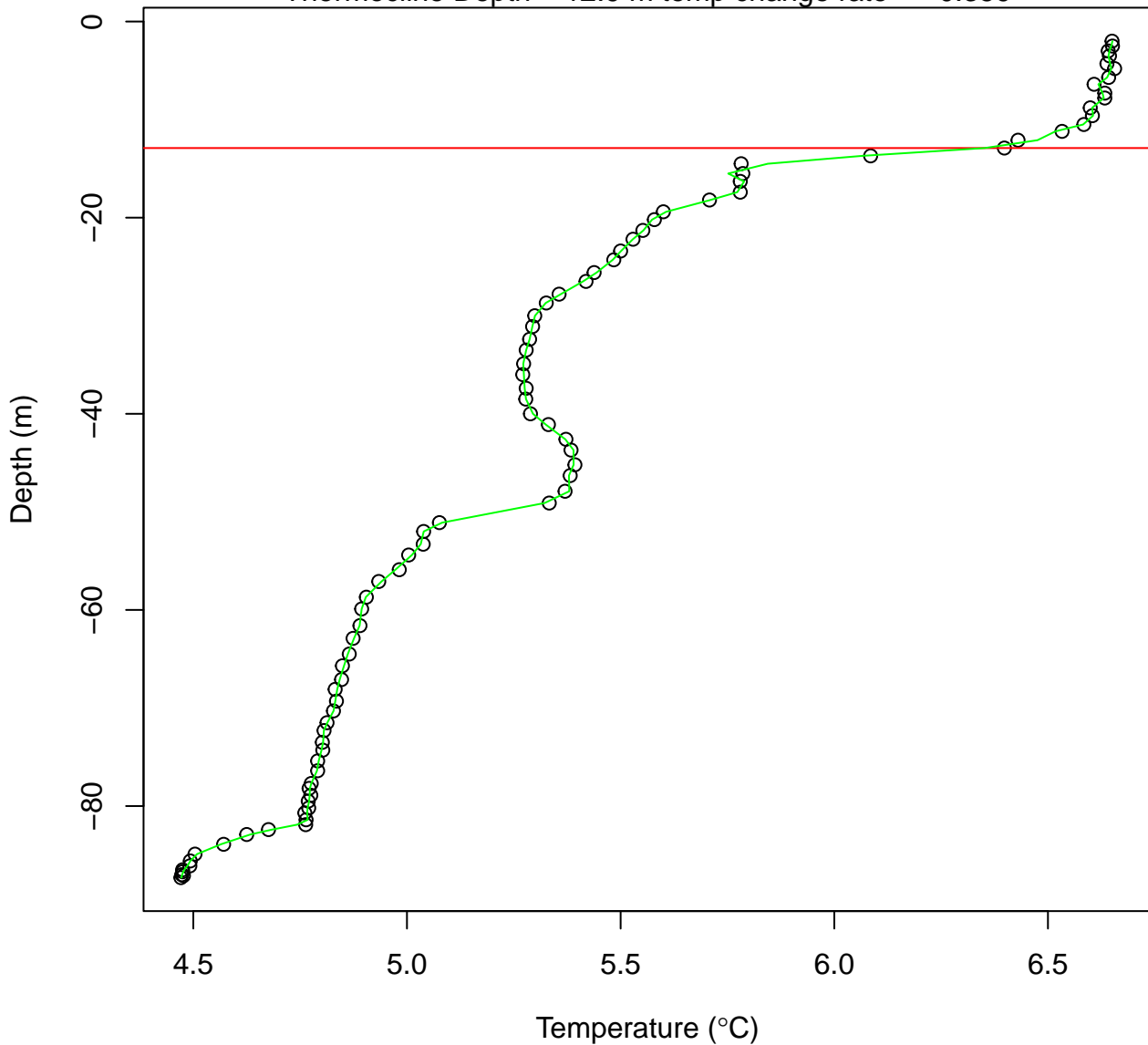
Vessel 148 Cruise 202201 Haul 3

Thermocline Depth = 20.1 m temp change rate = -0.286



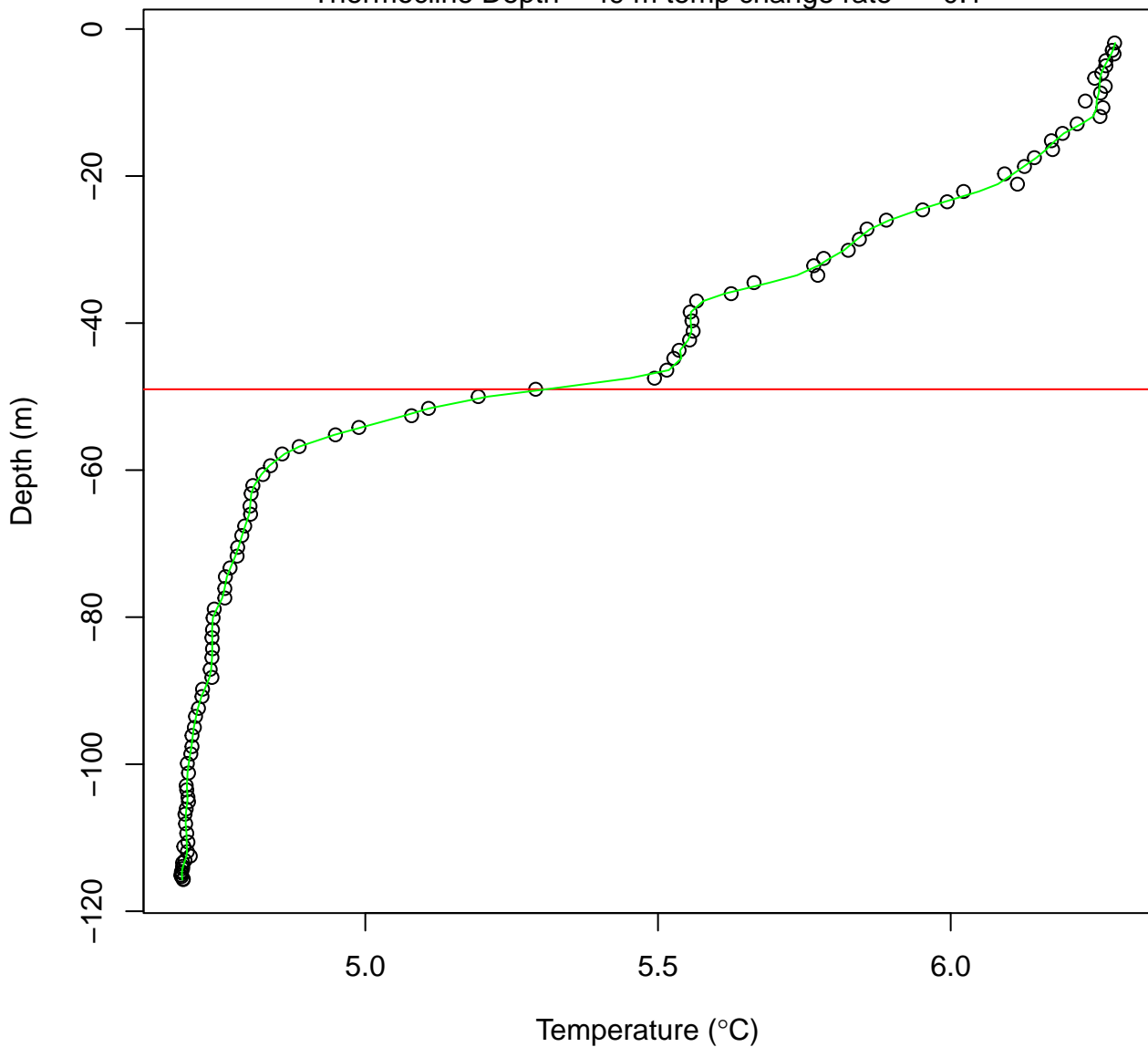
Vessel 148 Cruise 202201 Haul 4

Thermocline Depth = 12.9 m temp change rate = -0.359



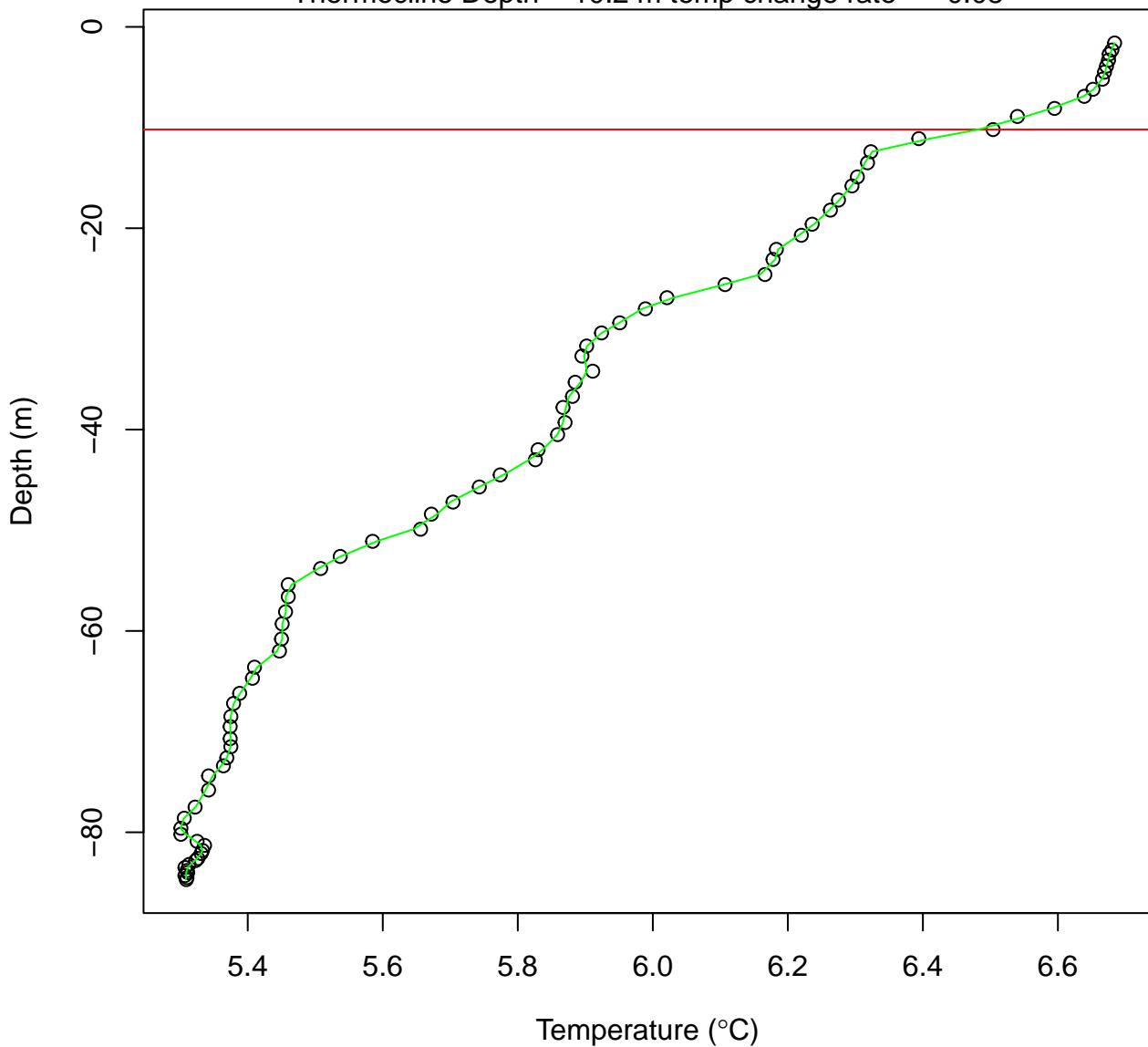
Vessel 148 Cruise 202201 Haul 5

Thermocline Depth = 49 m temp change rate = -0.1



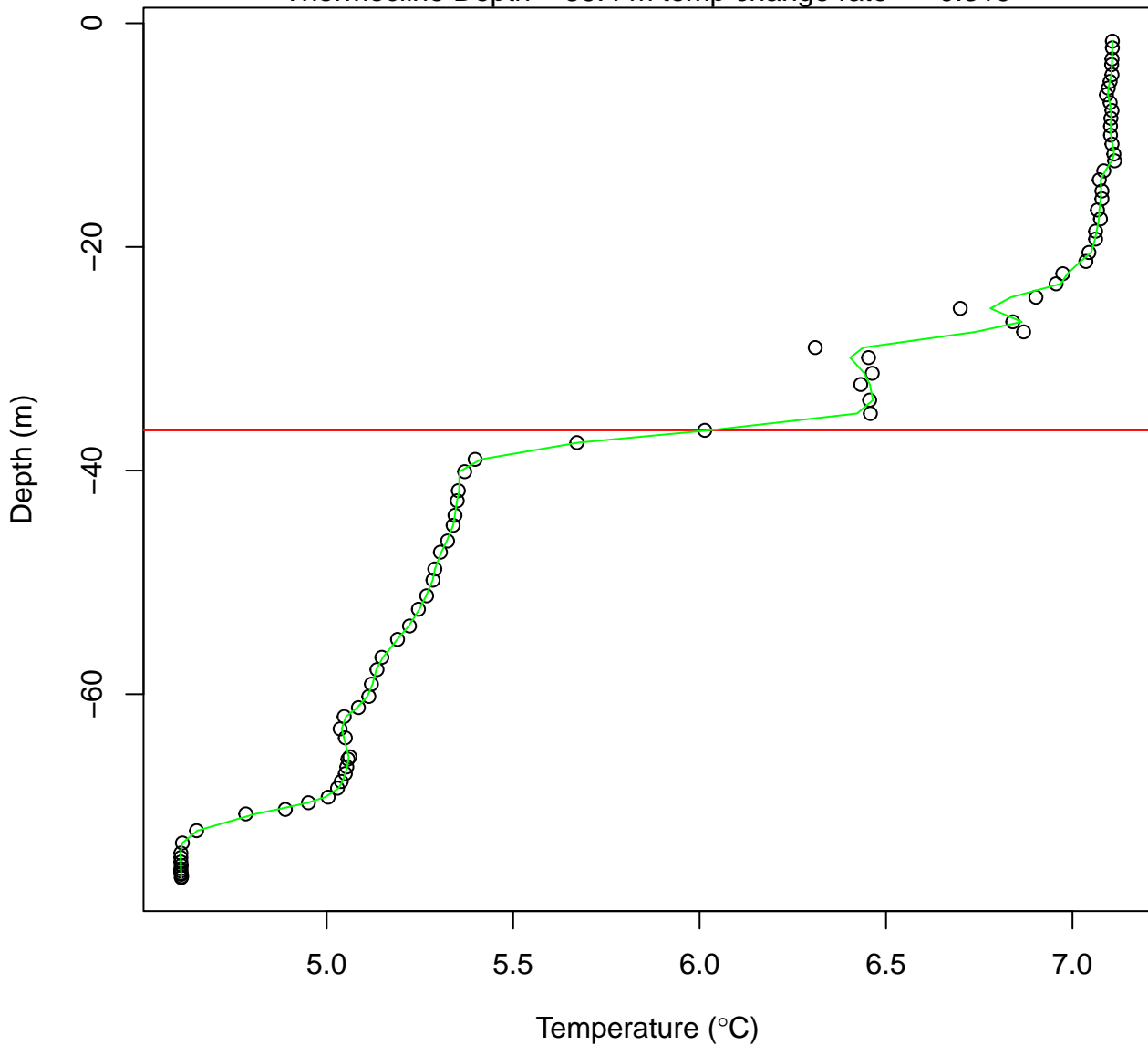
Vessel 148 Cruise 202201 Haul 6

Thermocline Depth = 10.2 m temp change rate = -0.08



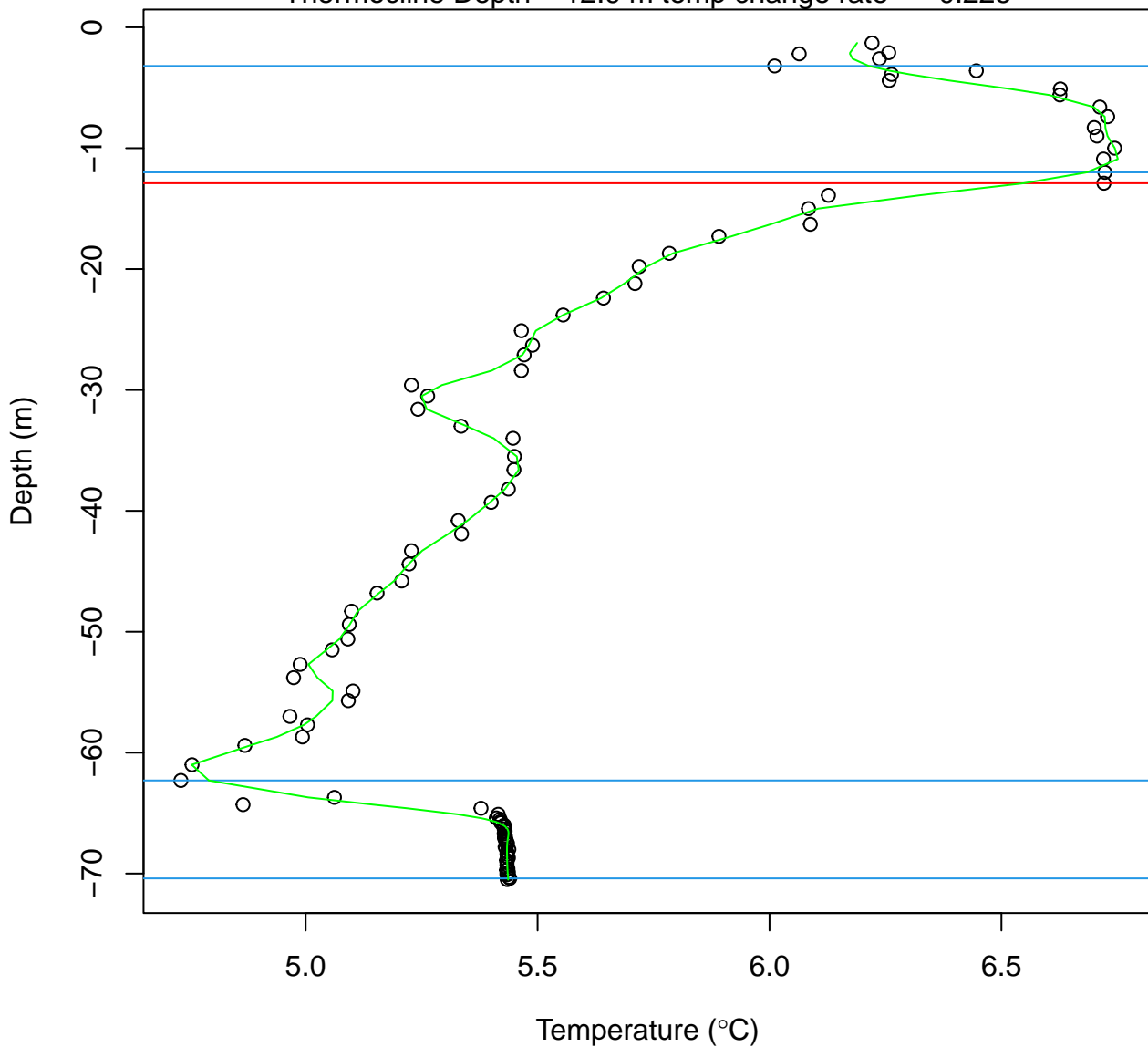
Vessel 148 Cruise 202201 Haul 7

Thermocline Depth = 36.4 m temp change rate = -0.319



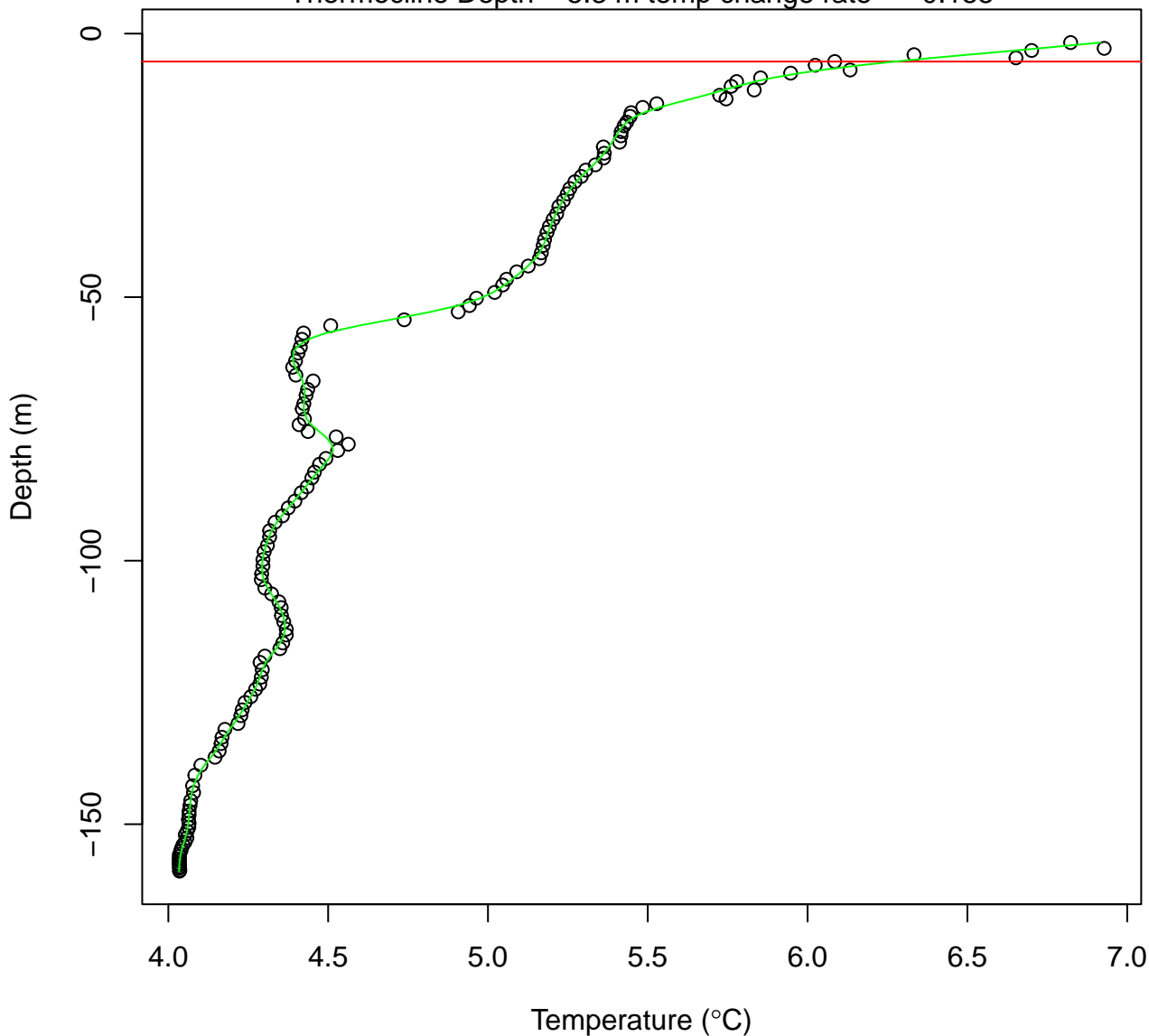
Vessel 148 Cruise 202201 Haul 10

Thermocline Depth = 12.9 m temp change rate = -0.225



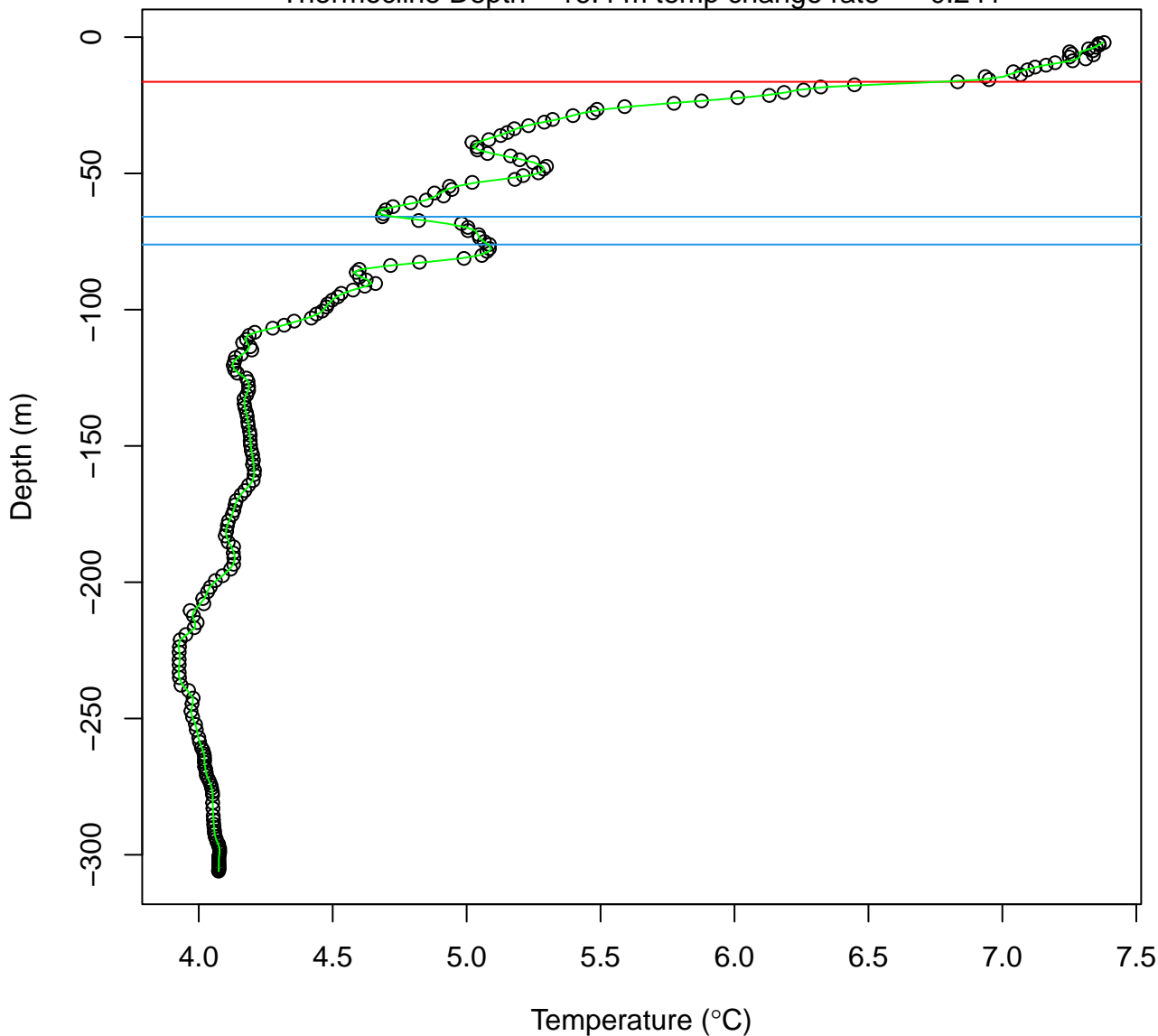
Vessel 148 Cruise 202201 Haul 11

Thermocline Depth = 5.3 m temp change rate = -0.155



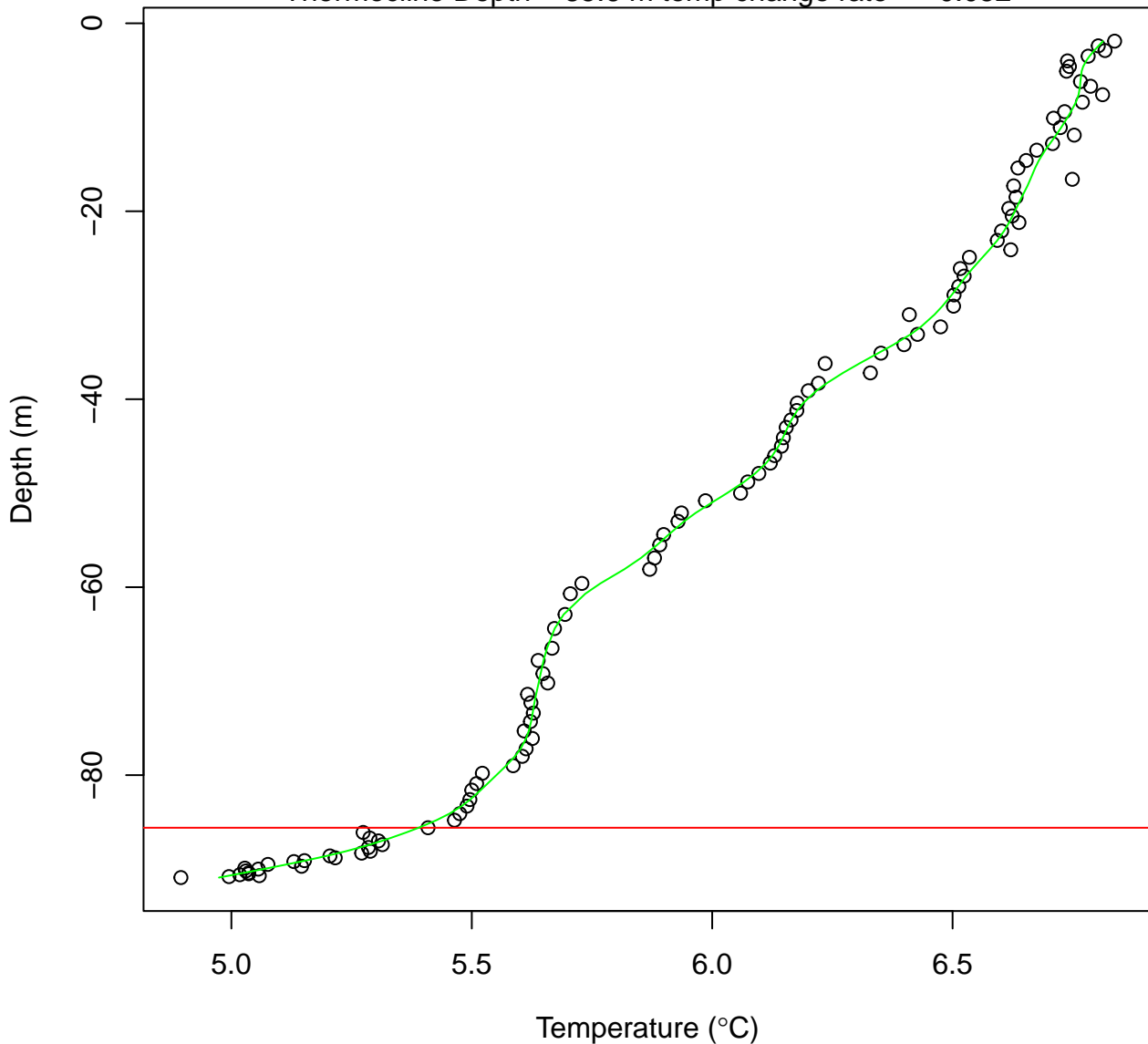
Vessel 148 Cruise 202201 Haul 12

Thermocline Depth = 16.4 m temp change rate = -0.241



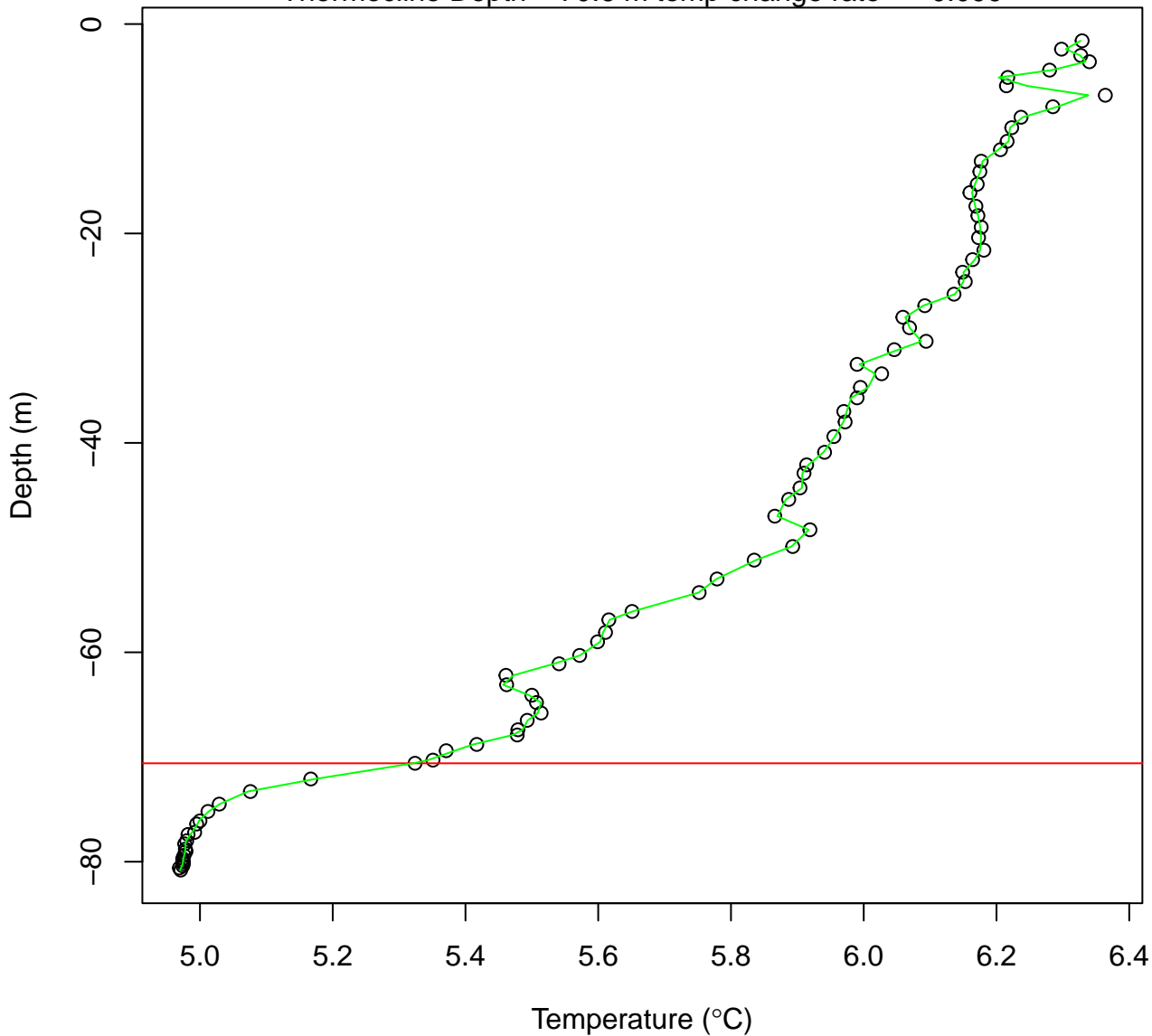
Vessel 148 Cruise 202201 Haul 13

Thermocline Depth = 85.6 m temp change rate = -0.052



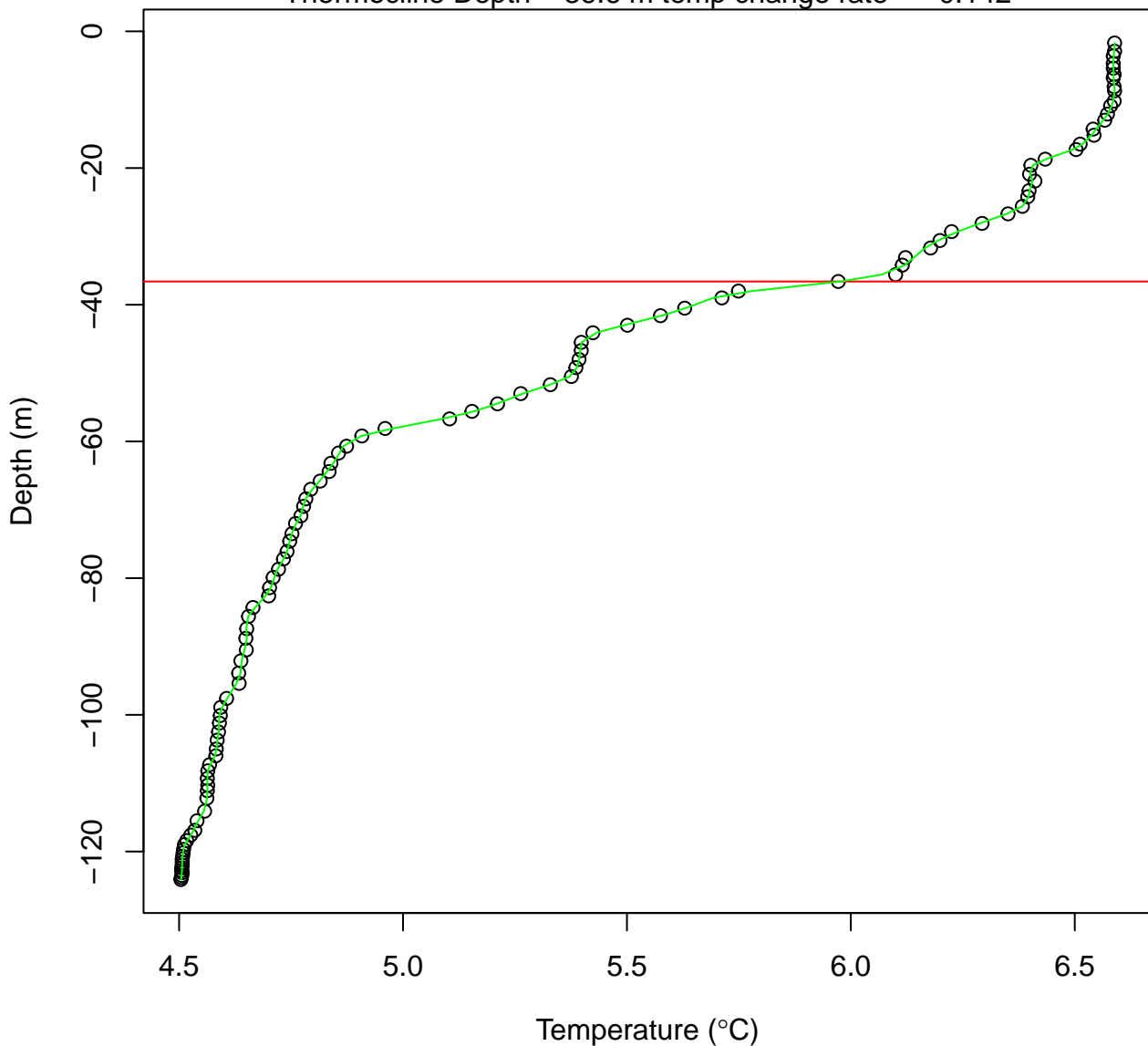
Vessel 148 Cruise 202201 Haul 14

Thermocline Depth = 70.6 m temp change rate = -0.099



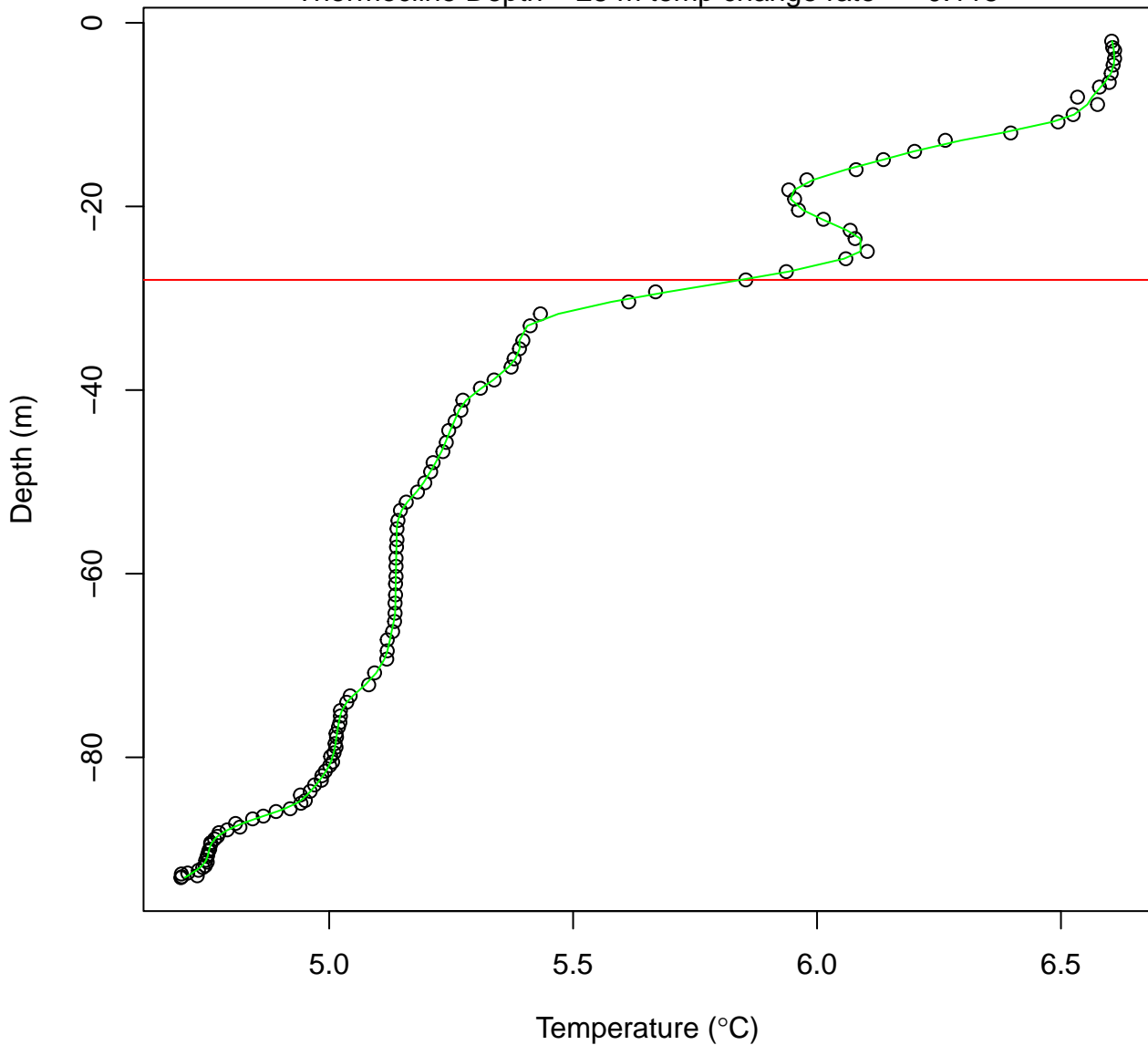
Vessel 148 Cruise 202201 Haul 15

Thermocline Depth = 36.6 m temp change rate = -0.142



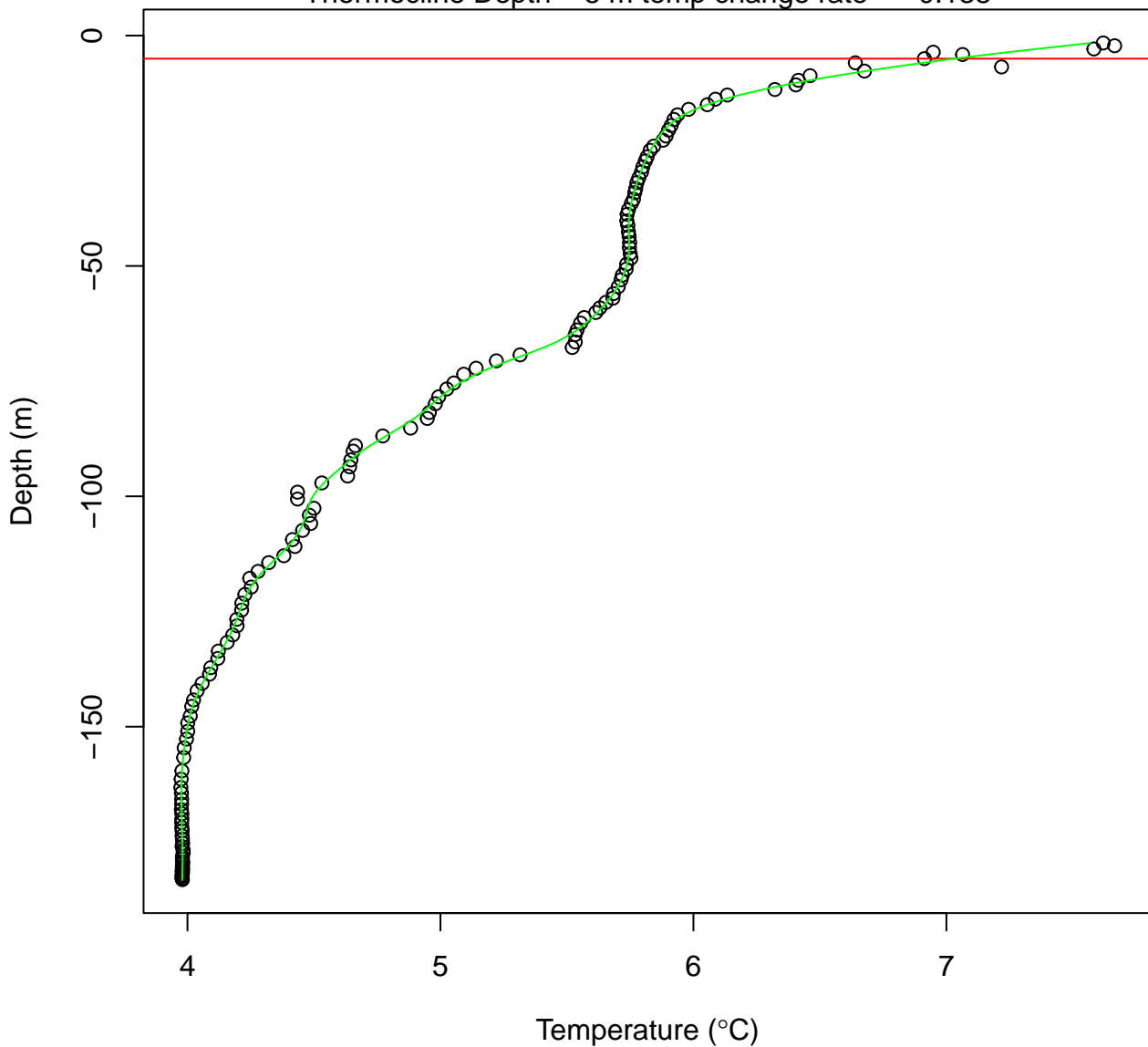
Vessel 148 Cruise 202201 Haul 16

Thermocline Depth = 28 m temp change rate = -0.115



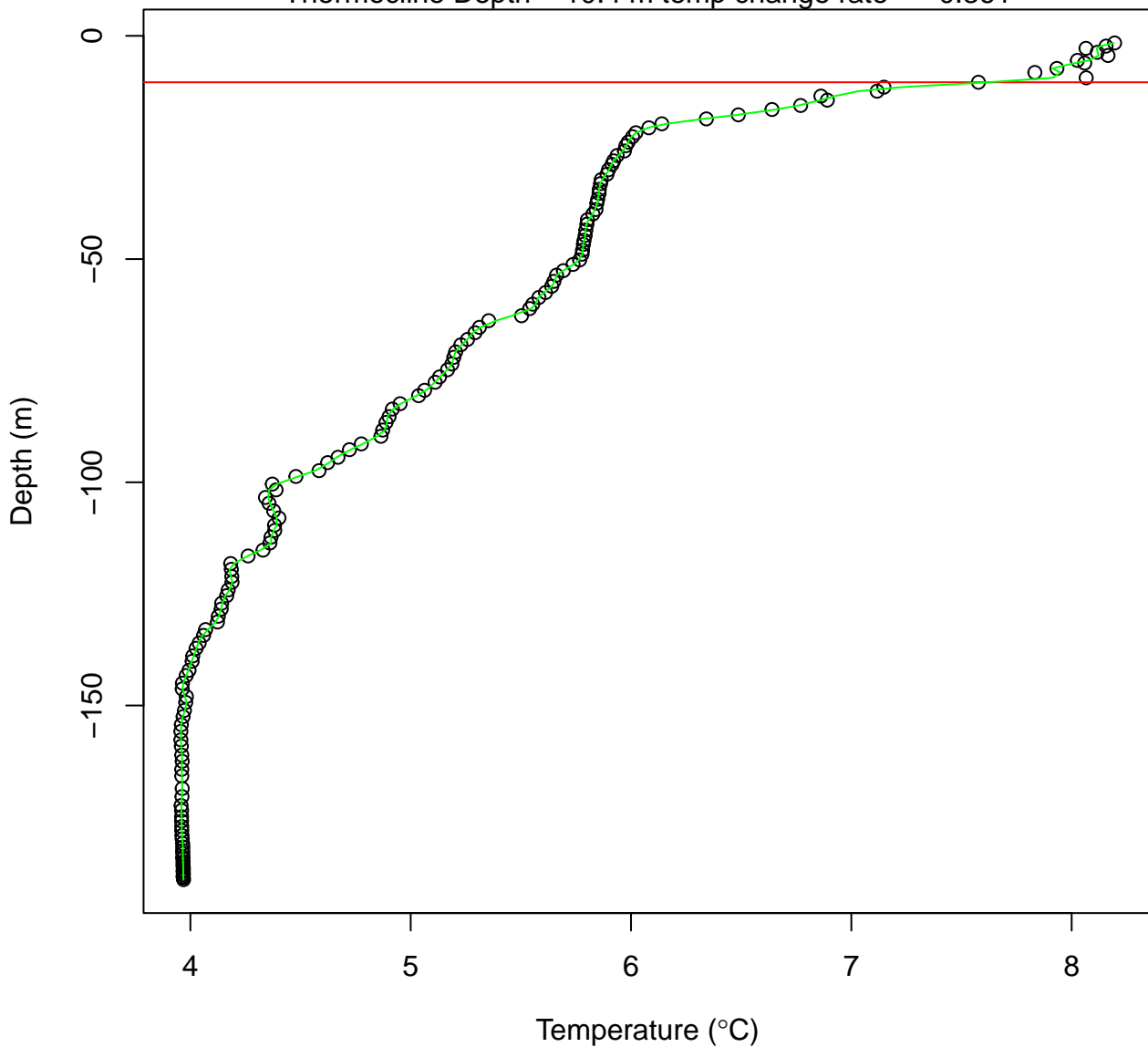
Vessel 148 Cruise 202201 Haul 17

Thermocline Depth = 5 m temp change rate = -0.138



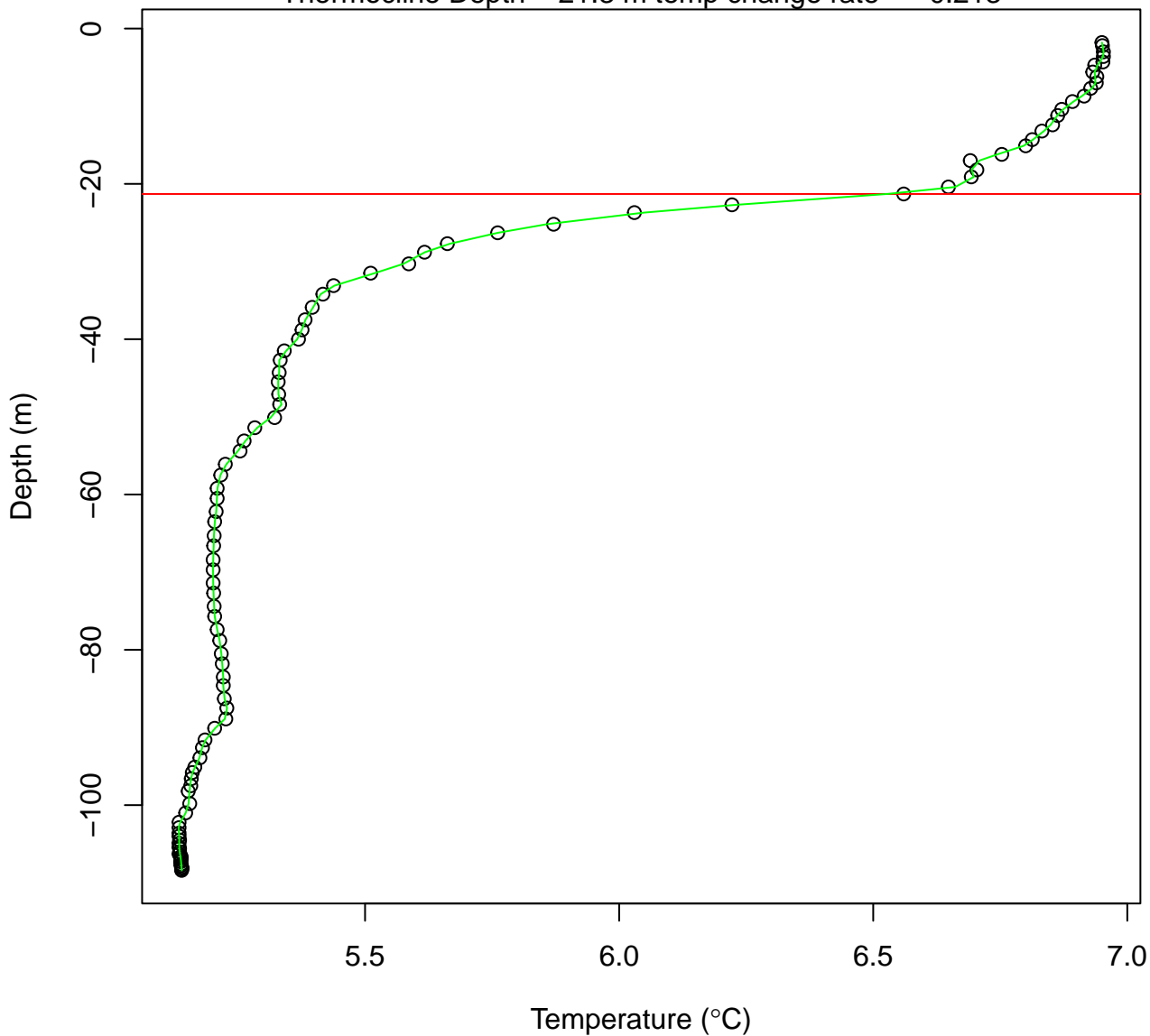
Vessel 148 Cruise 202201 Haul 18

Thermocline Depth = 10.4 m temp change rate = -0.361



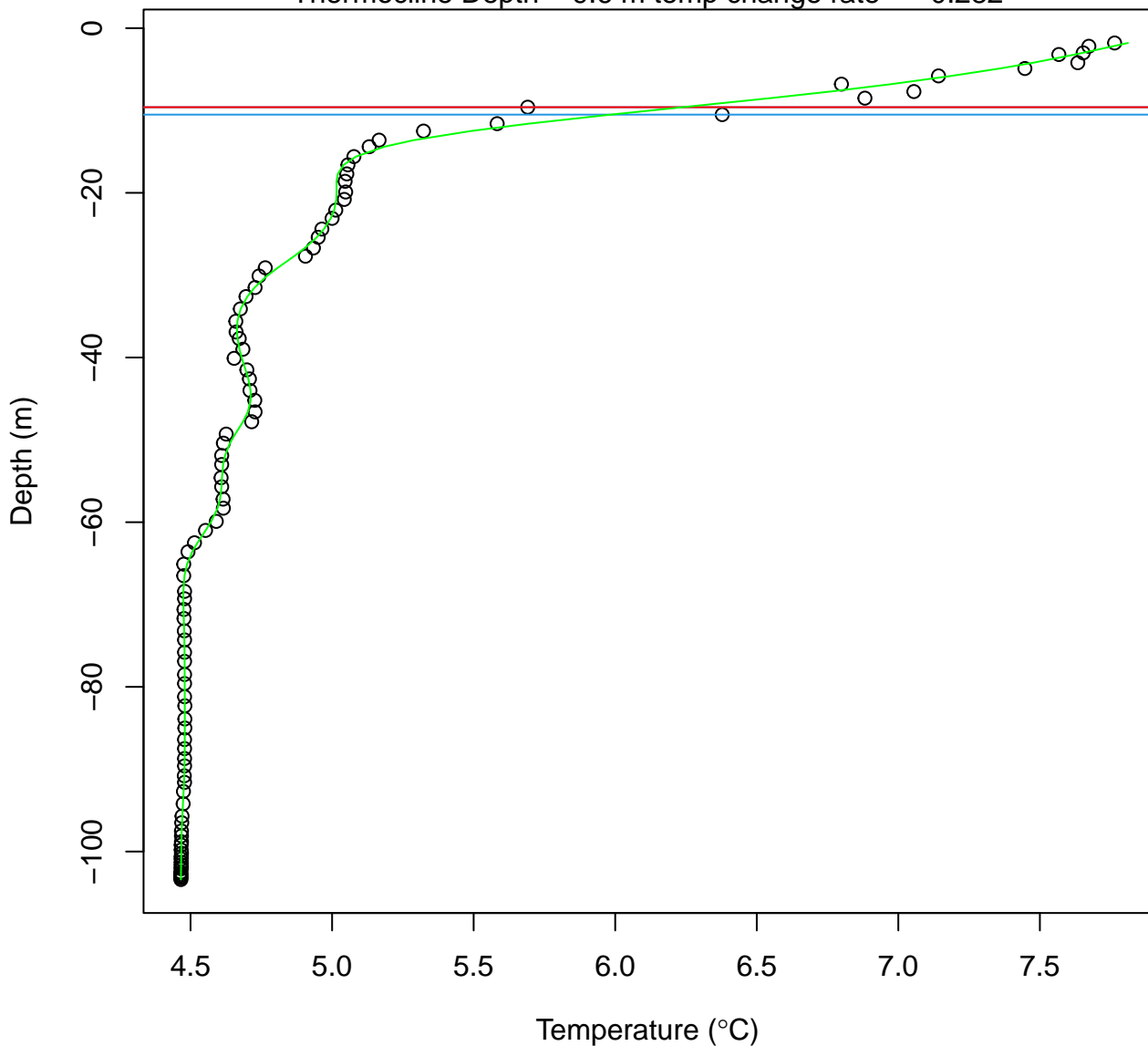
Vessel 148 Cruise 202201 Haul 19

Thermocline Depth = 21.3 m temp change rate = -0.213



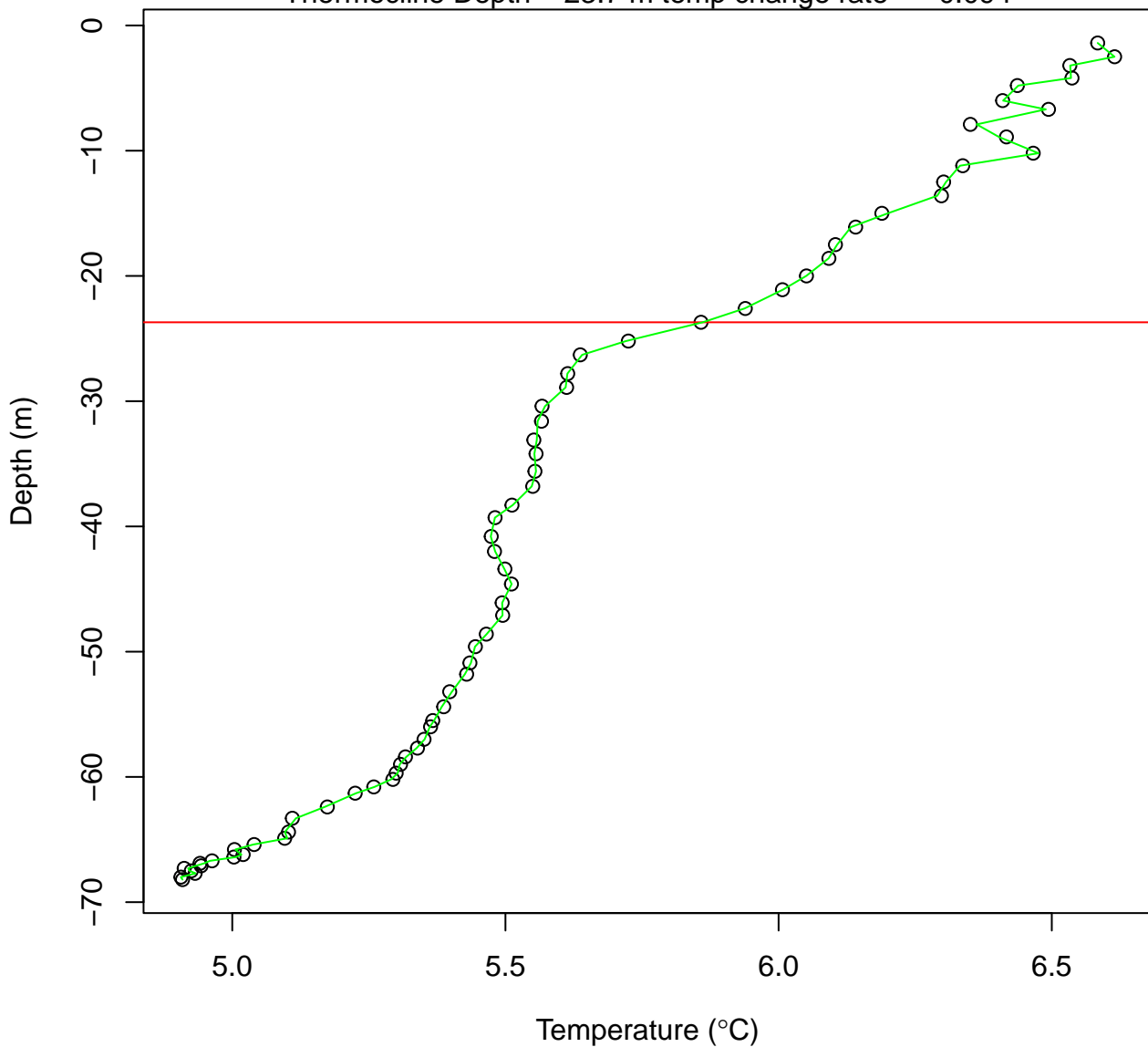
Vessel 148 Cruise 202201 Haul 20

Thermocline Depth = 9.6 m temp change rate = -0.282



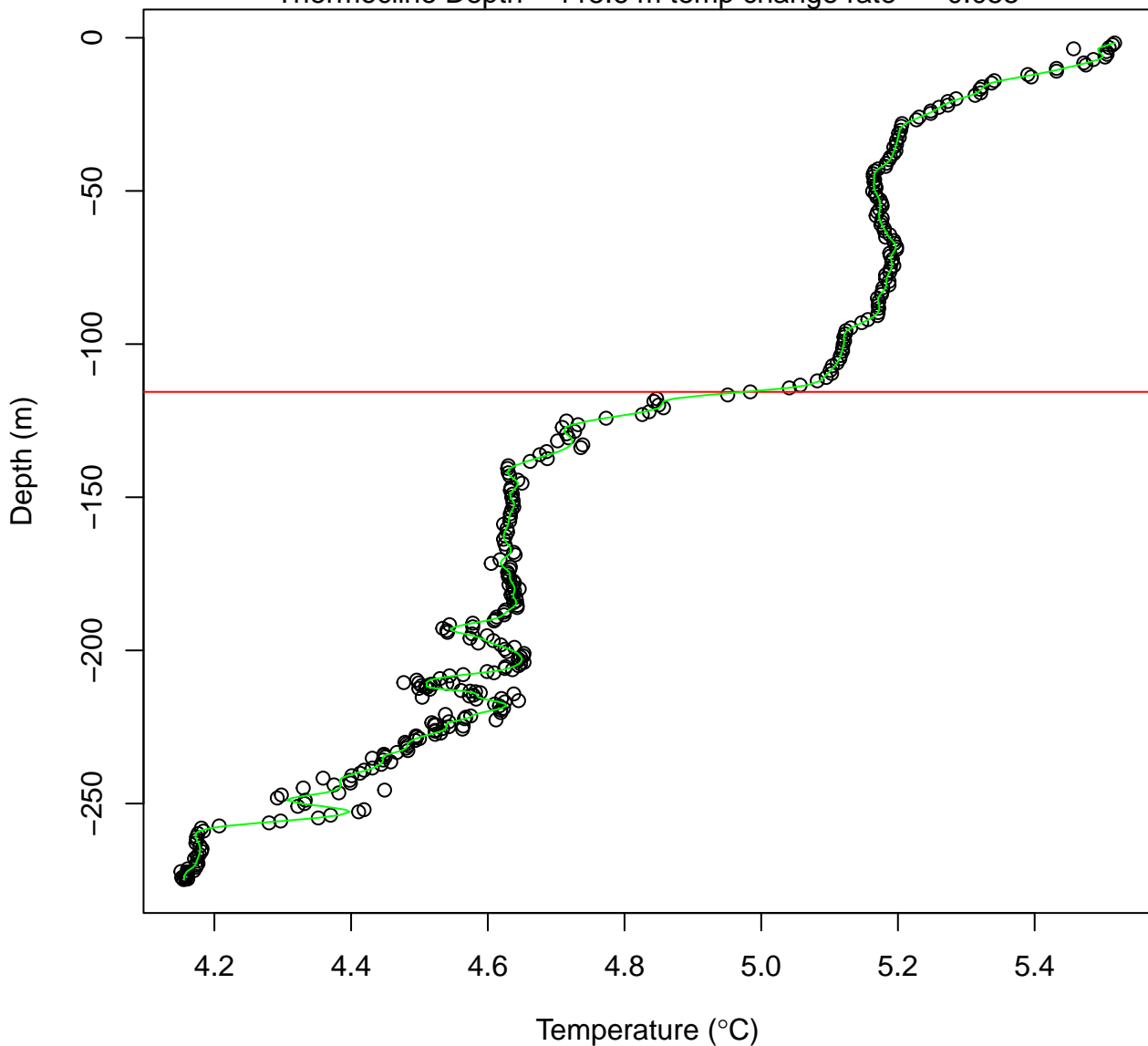
Vessel 148 Cruise 202201 Haul 21

Thermocline Depth = 23.7 m temp change rate = -0.094



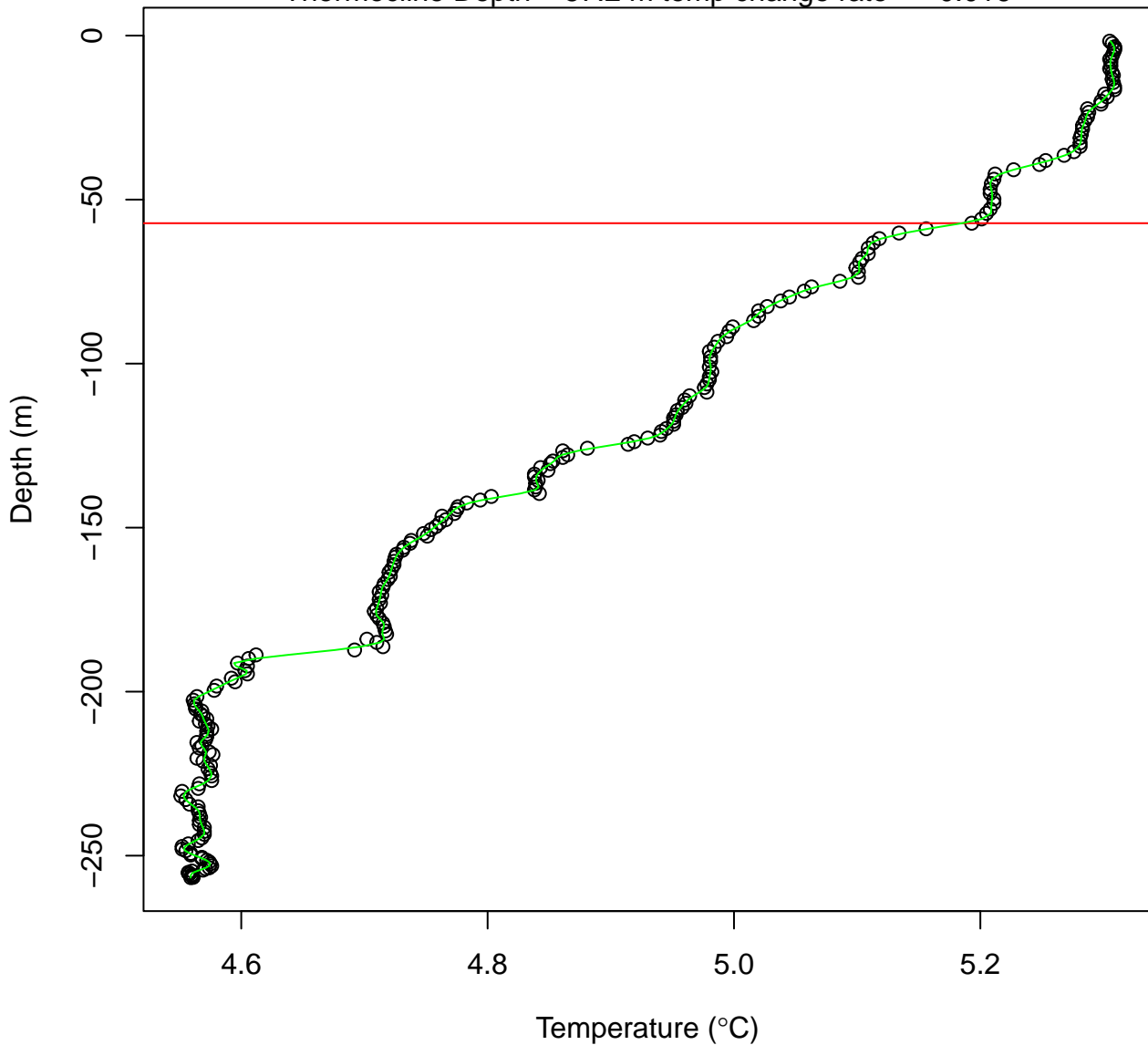
Vessel 148 Cruise 202201 Haul 22

Thermocline Depth = 115.6 m temp change rate = -0.055



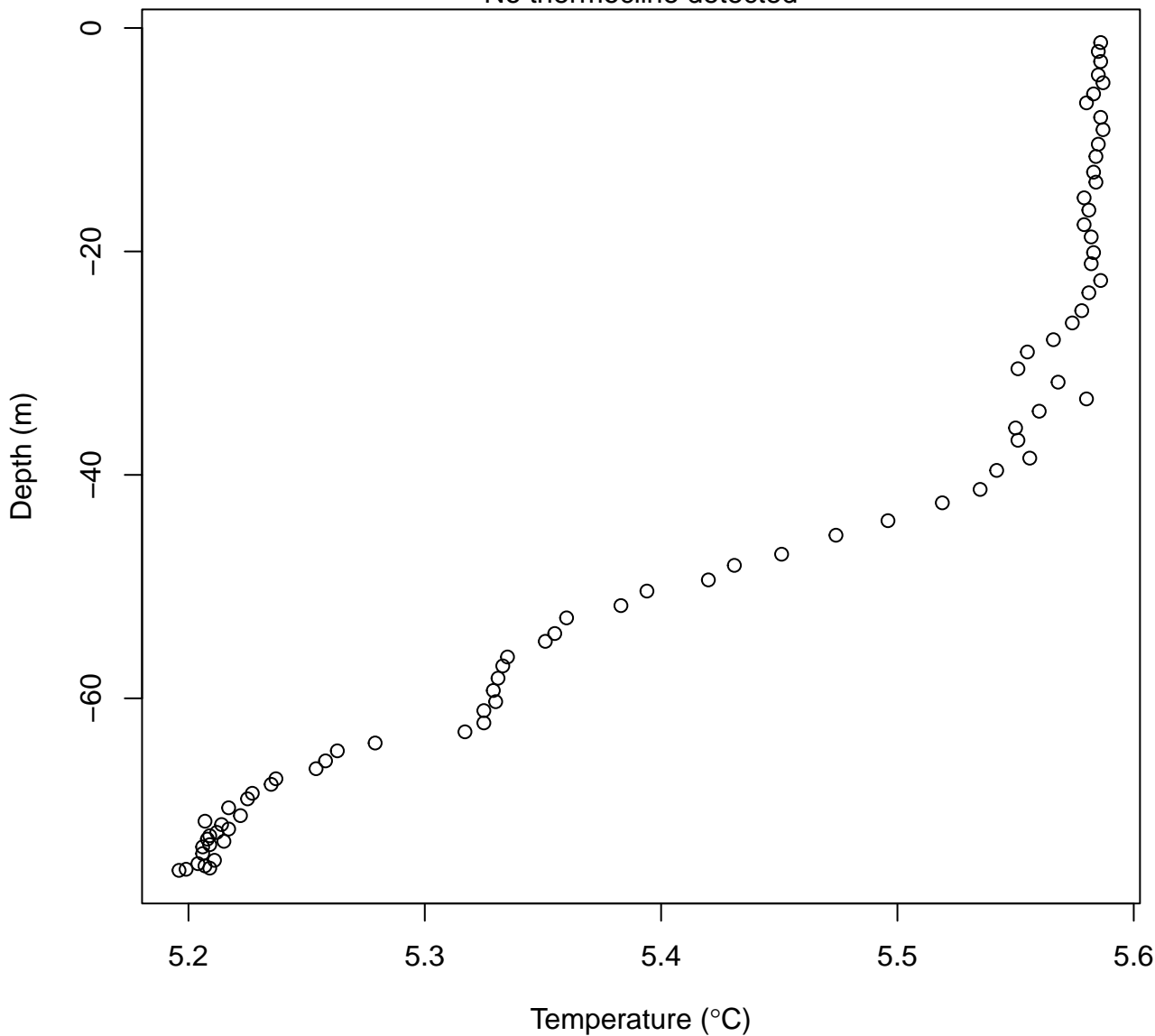
Vessel 148 Cruise 202201 Haul 23

Thermocline Depth = 57.2 m temp change rate = -0.016



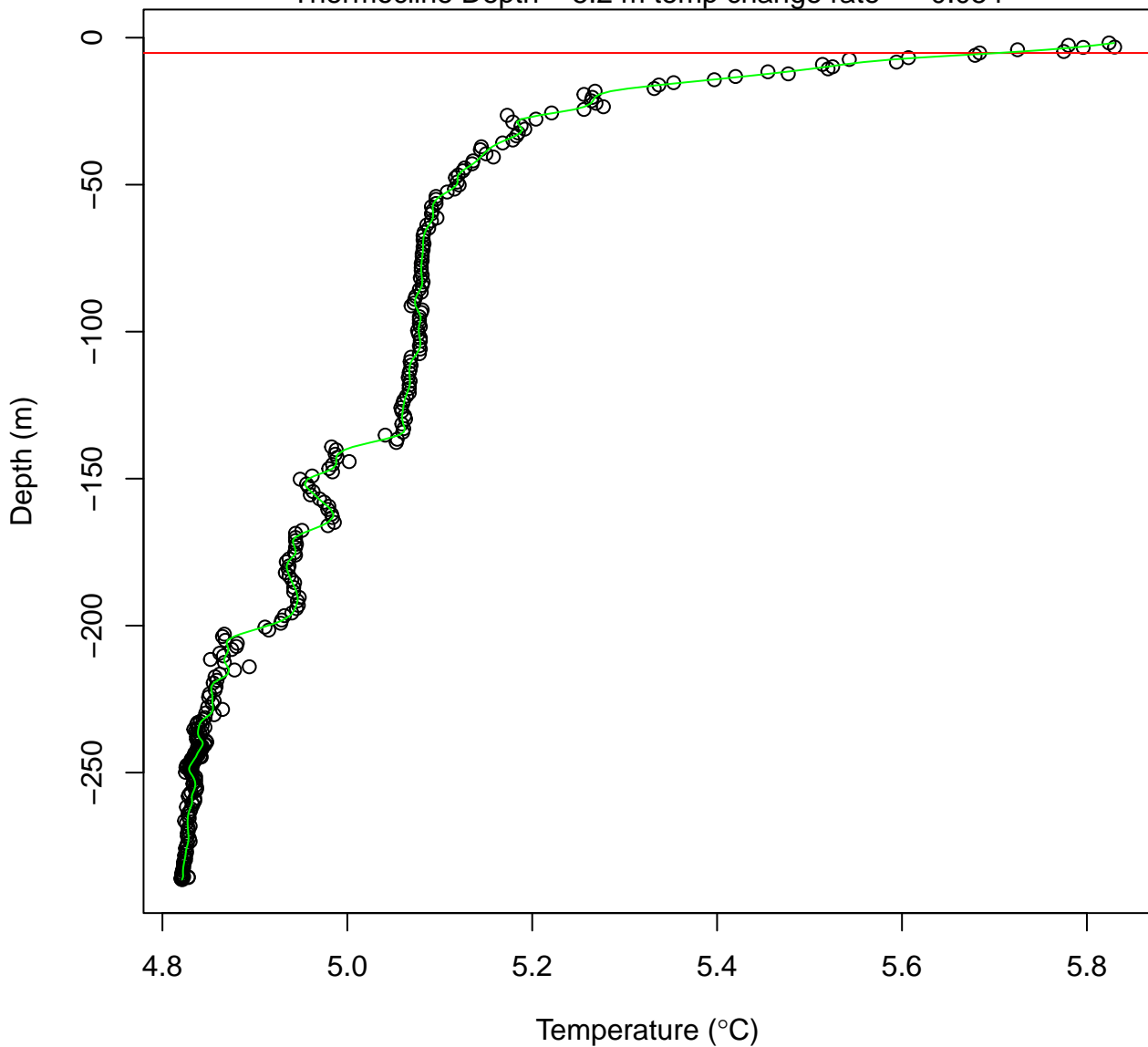
Vessel 148 Cruise 202201 Haul 24

No thermocline detected



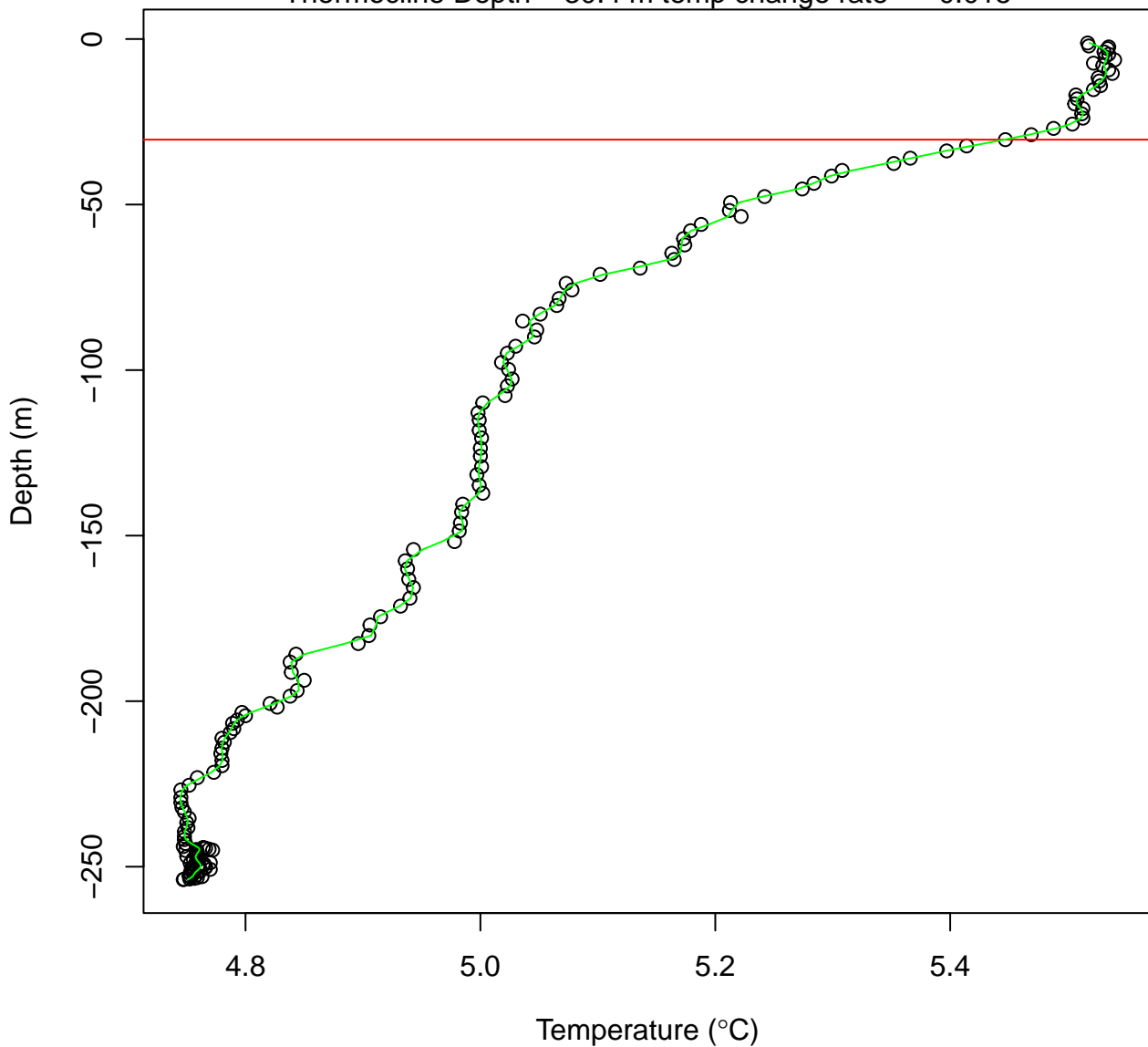
Vessel 148 Cruise 202201 Haul 25

Thermocline Depth = 5.2 m temp change rate = -0.054



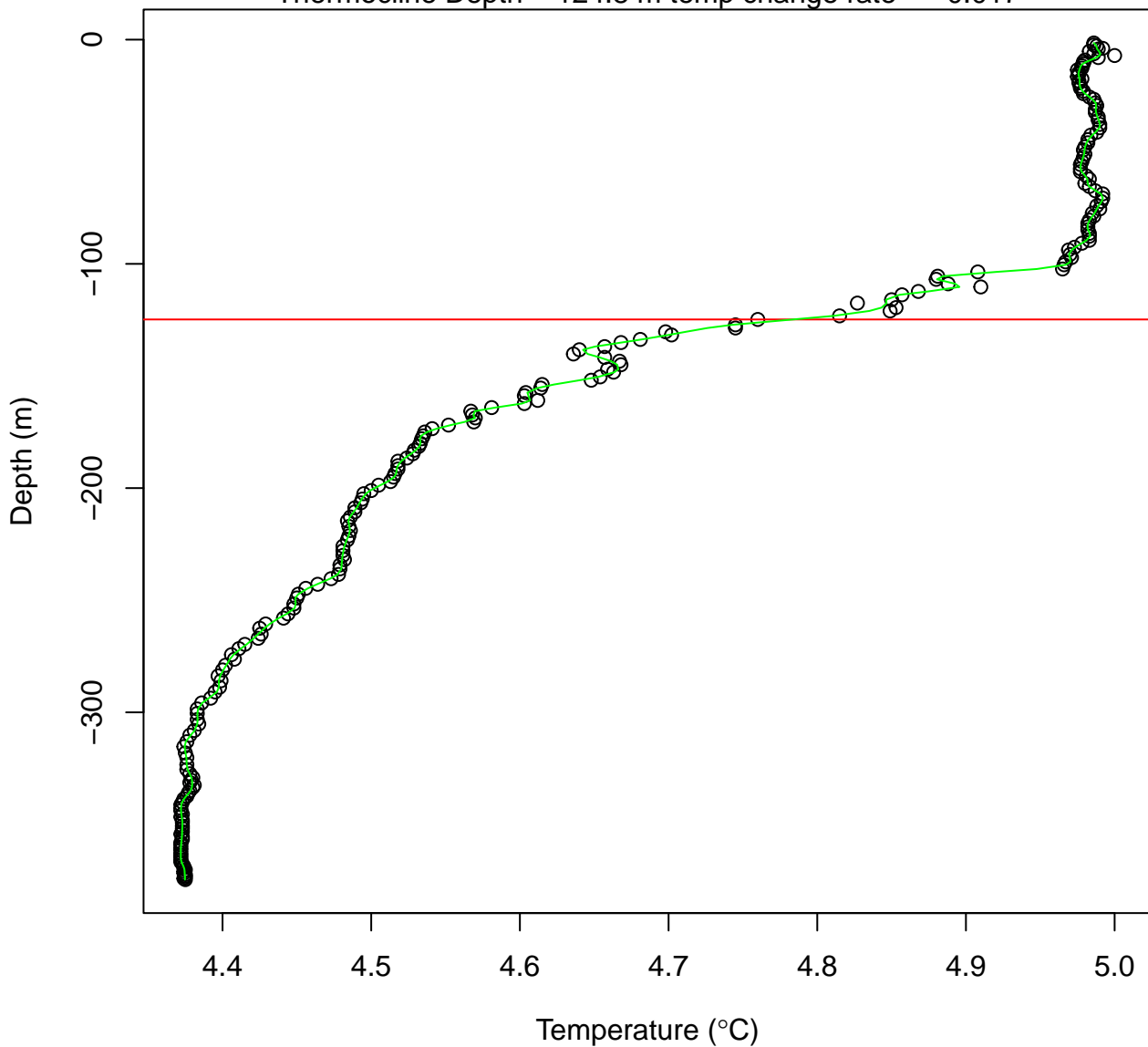
Vessel 148 Cruise 202201 Haul 26

Thermocline Depth = 30.4 m temp change rate = -0.015



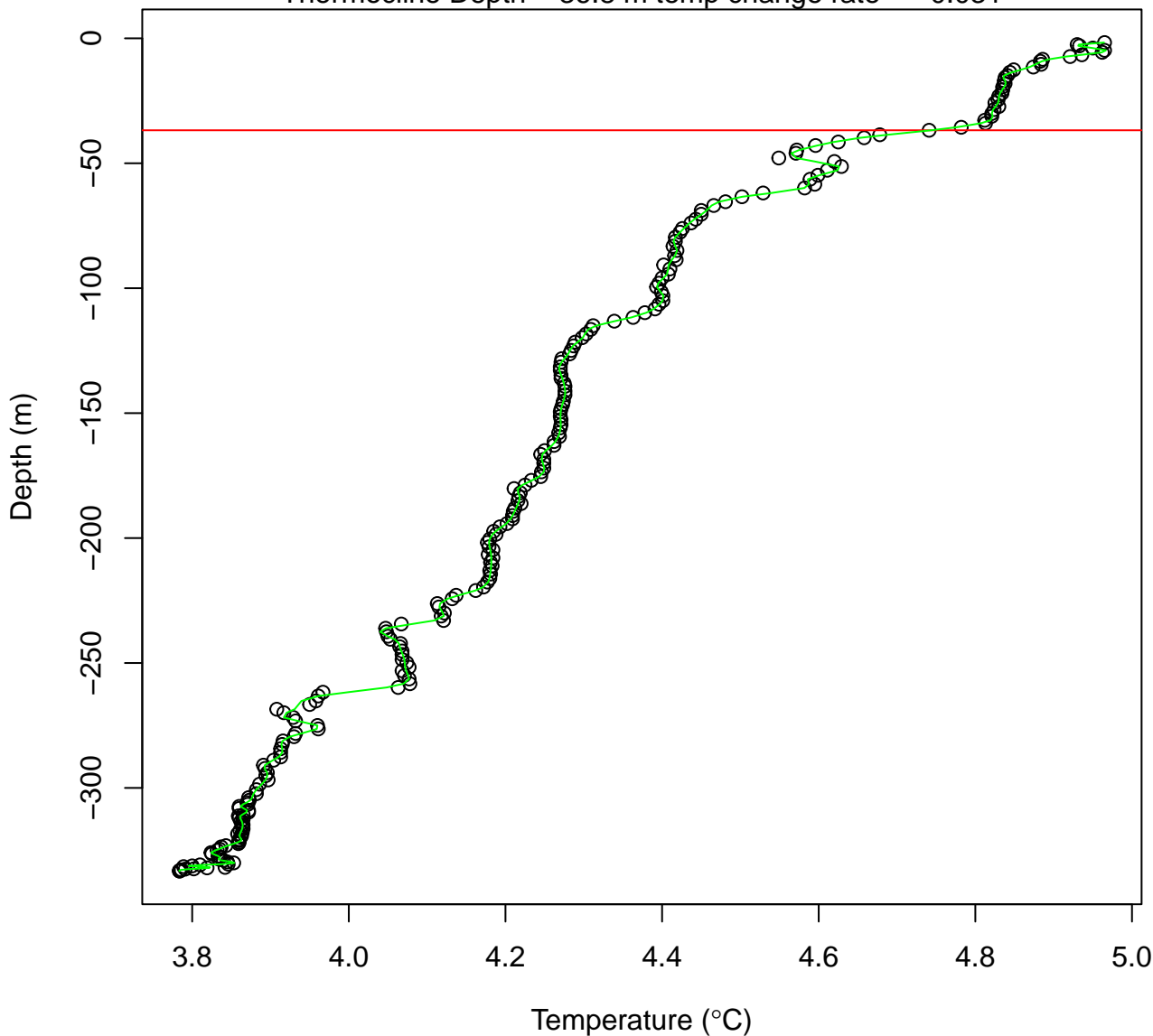
Vessel 148 Cruise 202201 Haul 27

Thermocline Depth = 124.8 m temp change rate = -0.017



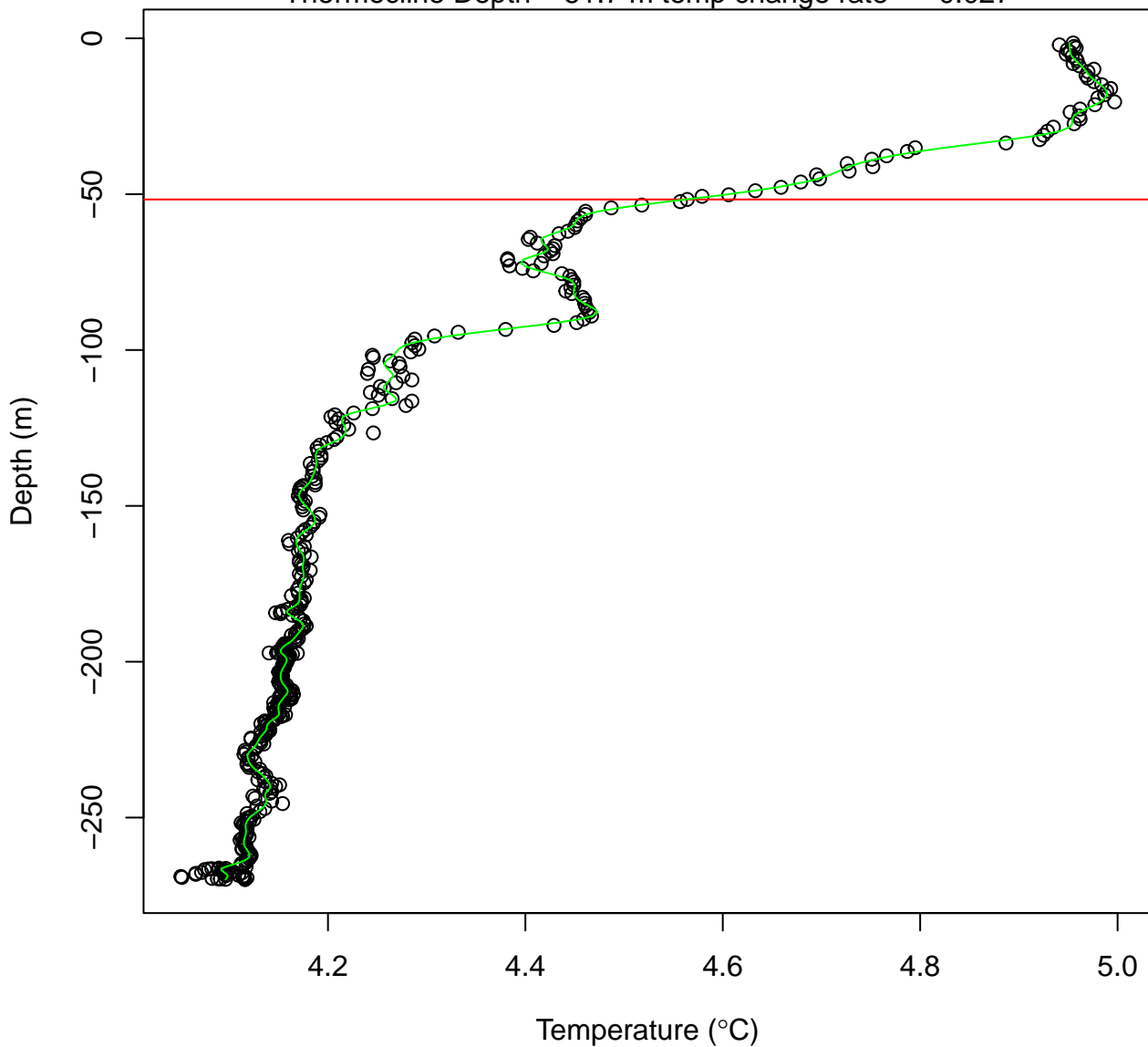
Vessel 148 Cruise 202201 Haul 28

Thermocline Depth = 36.8 m temp change rate = -0.031



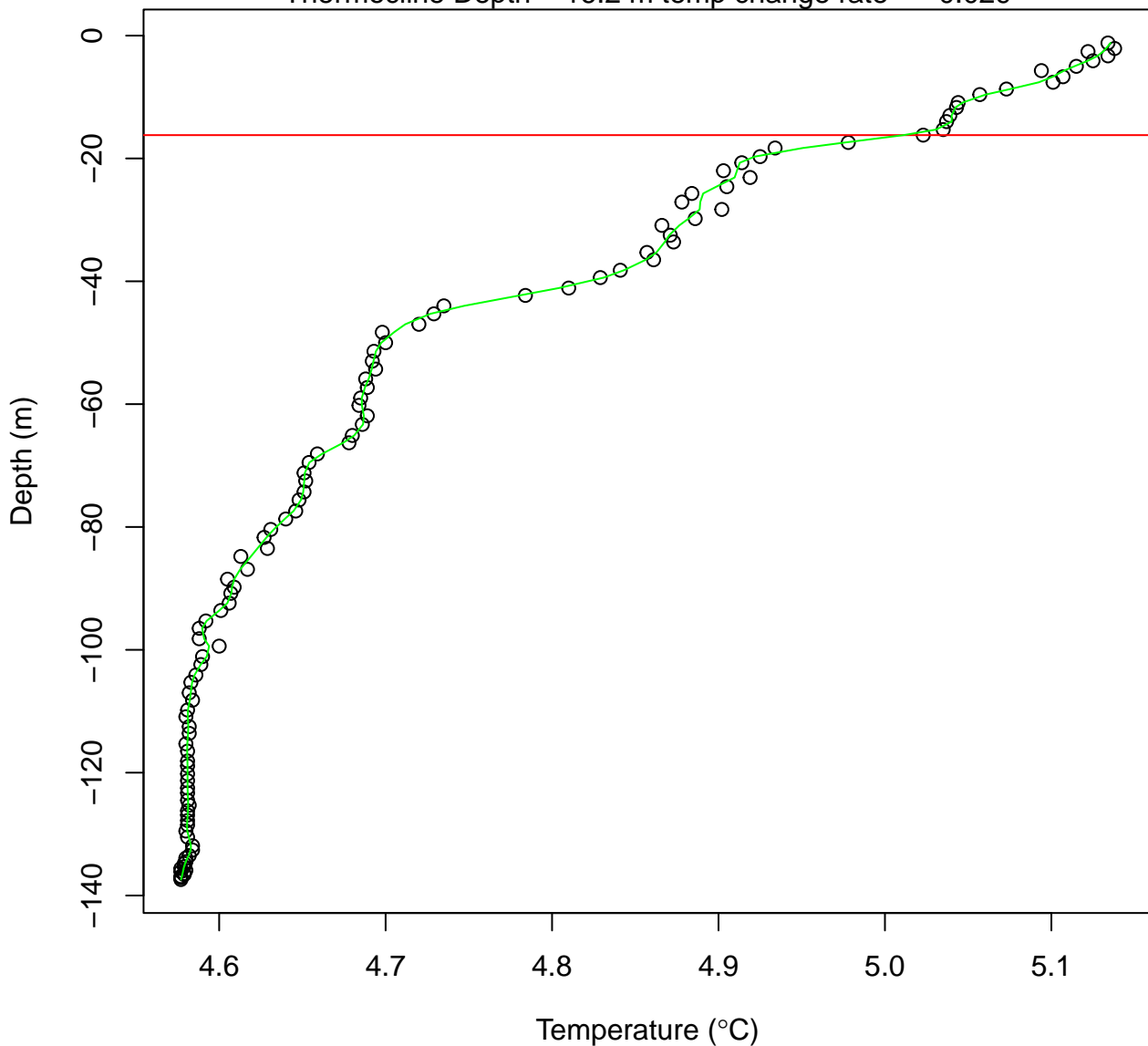
Vessel 148 Cruise 202201 Haul 29

Thermocline Depth = 51.7 m temp change rate = -0.027



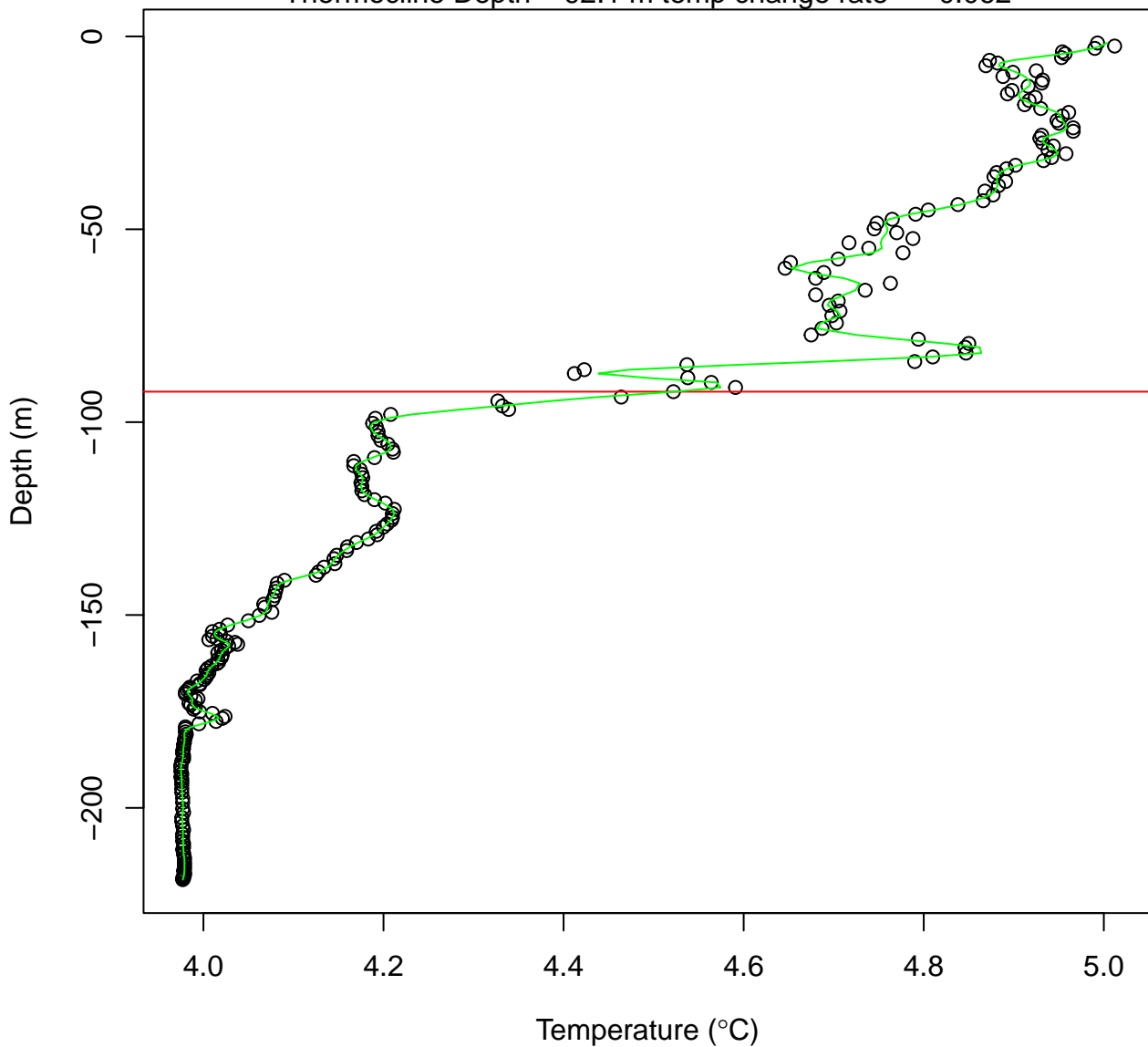
Vessel 148 Cruise 202201 Haul 30

Thermocline Depth = 16.2 m temp change rate = -0.029



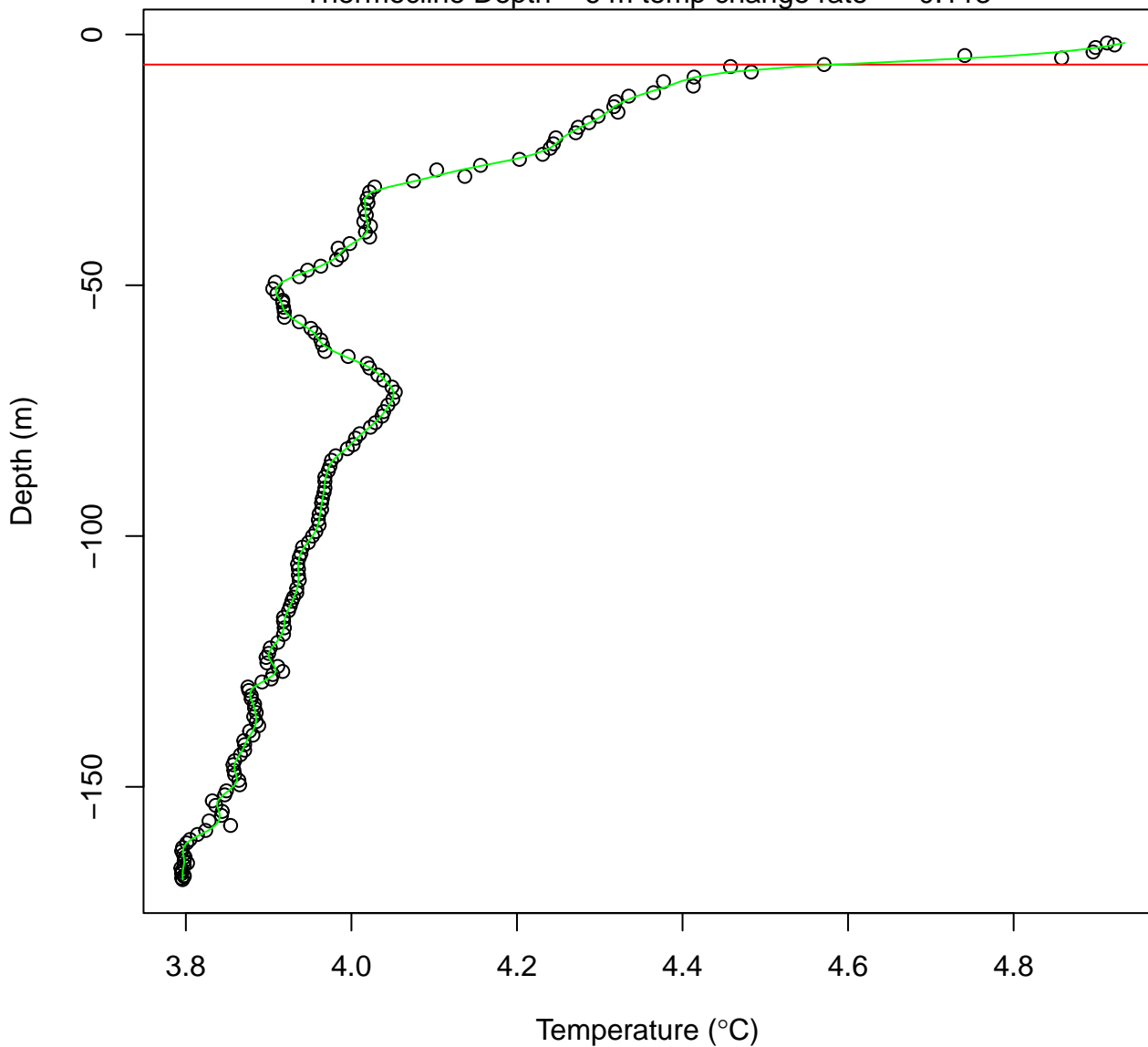
Vessel 148 Cruise 202201 Haul 31

Thermocline Depth = 92.1 m temp change rate = -0.062



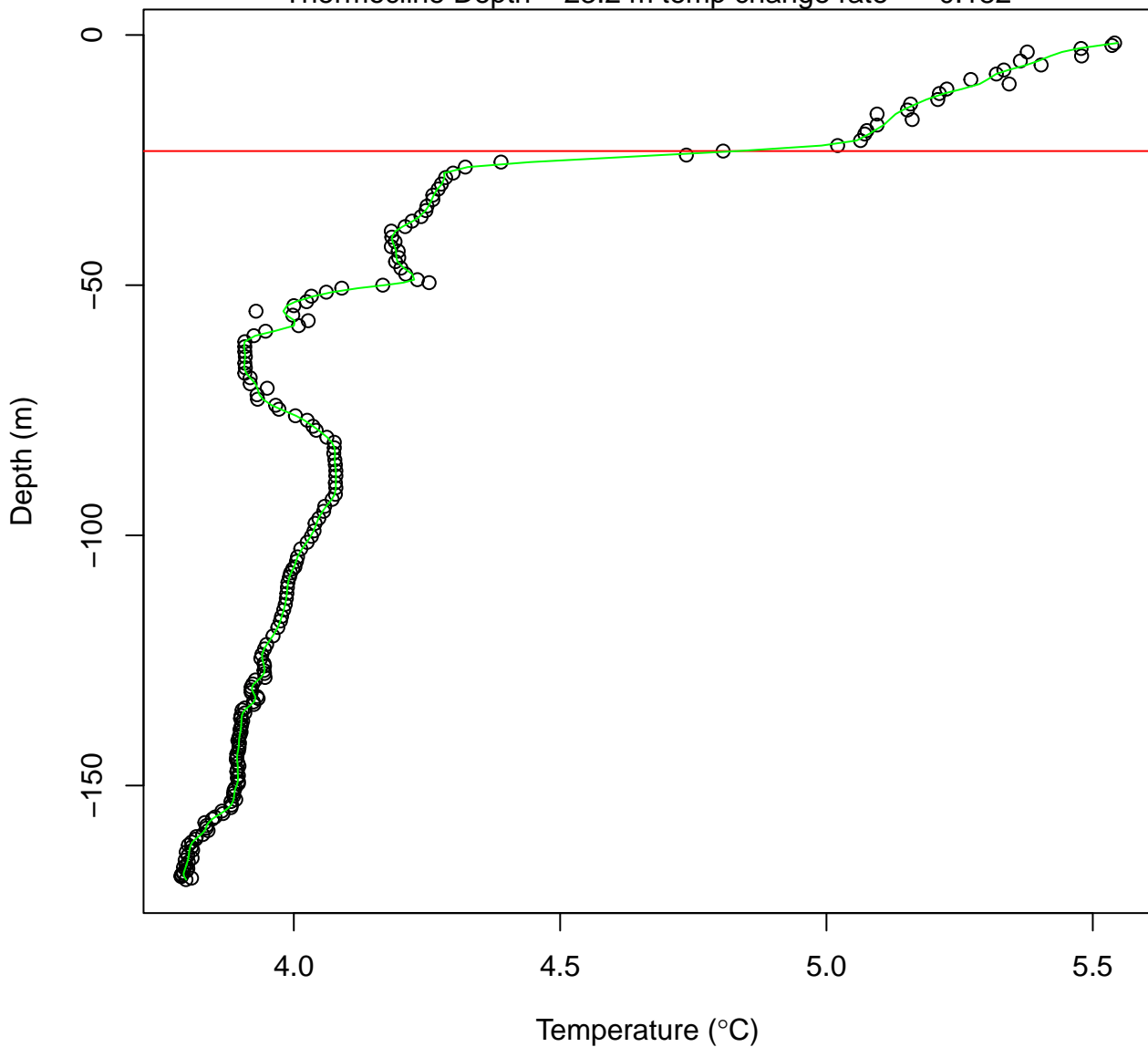
Vessel 148 Cruise 202201 Haul 32

Thermocline Depth = 6 m temp change rate = -0.113



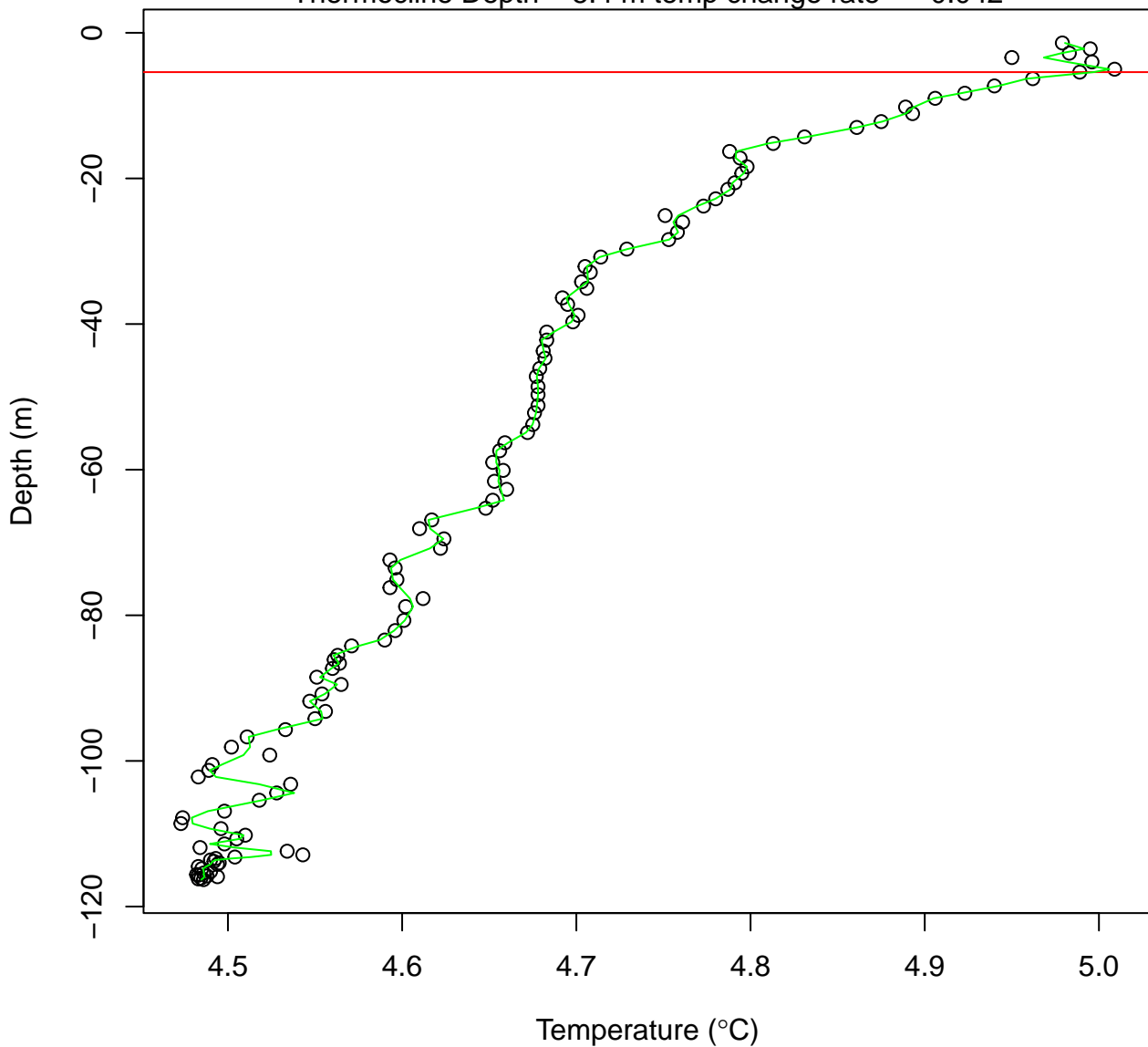
Vessel 148 Cruise 202201 Haul 33

Thermocline Depth = 23.2 m temp change rate = -0.182



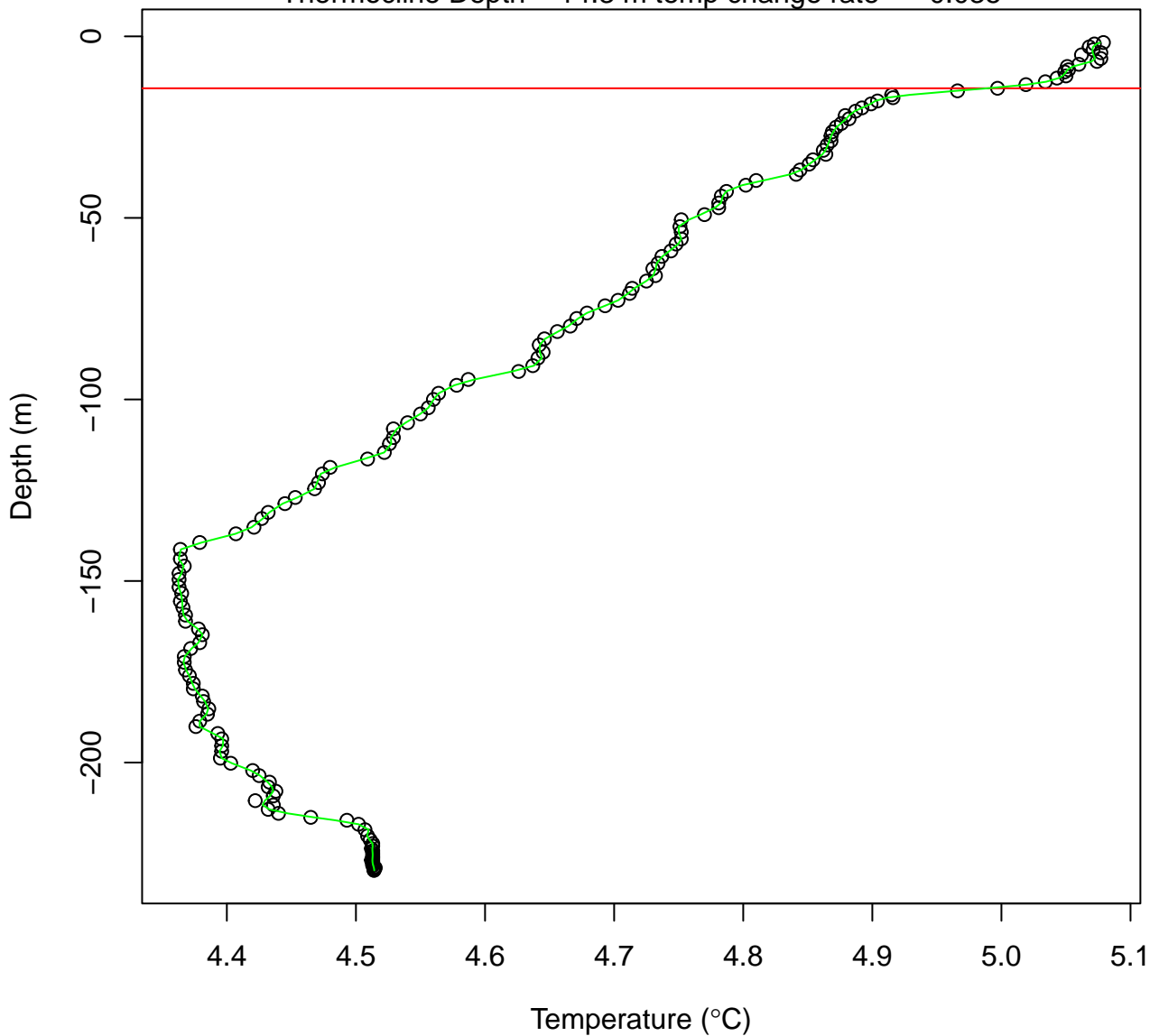
Vessel 148 Cruise 202201 Haul 34

Thermocline Depth = 5.4 m temp change rate = -0.042



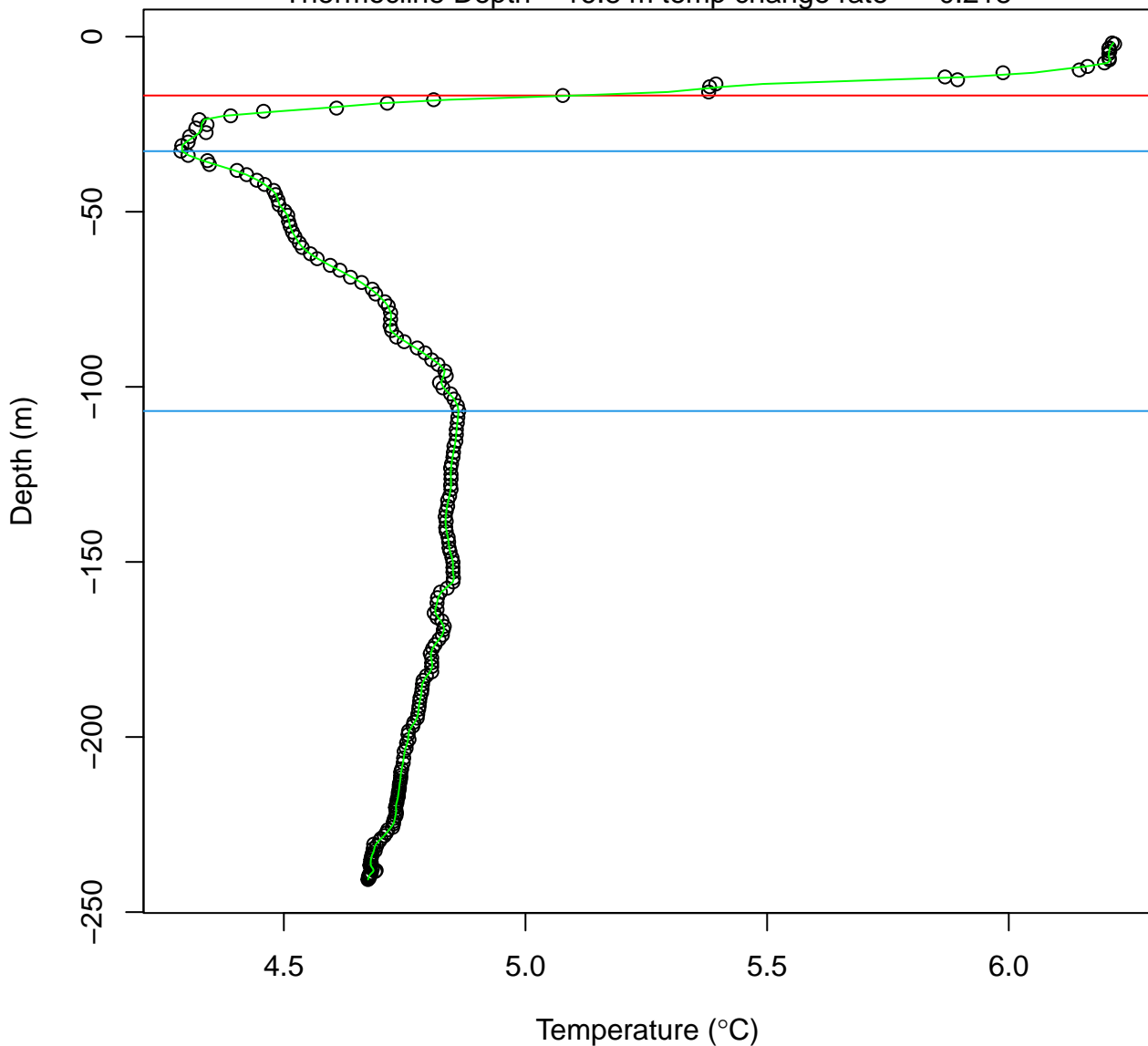
Vessel 148 Cruise 202201 Haul 35

Thermocline Depth = 14.3 m temp change rate = -0.035



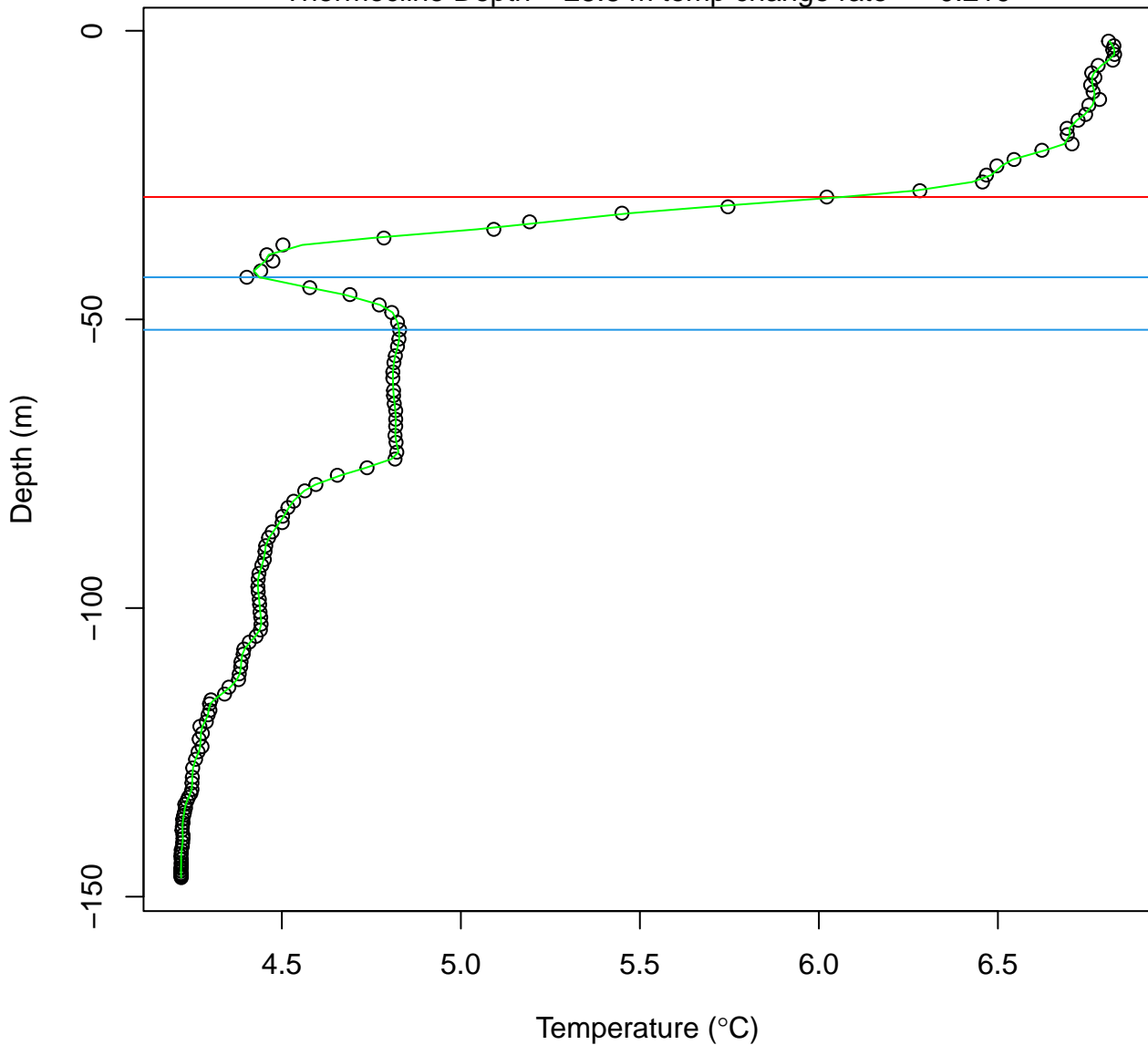
Vessel 148 Cruise 202201 Haul 36

Thermocline Depth = 16.8 m temp change rate = -0.218



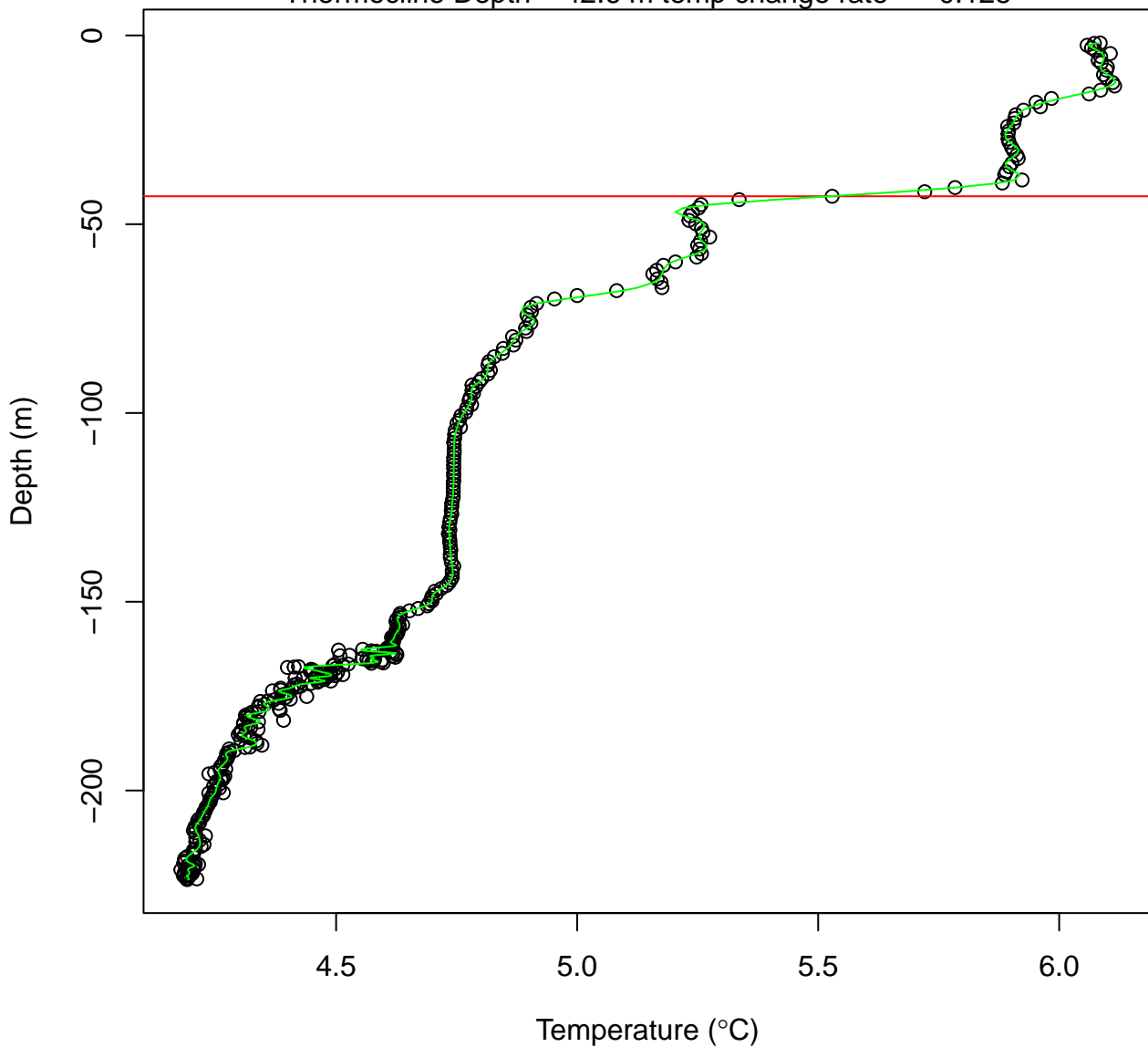
Vessel 148 Cruise 202201 Haul 37

Thermocline Depth = 28.8 m temp change rate = -0.219



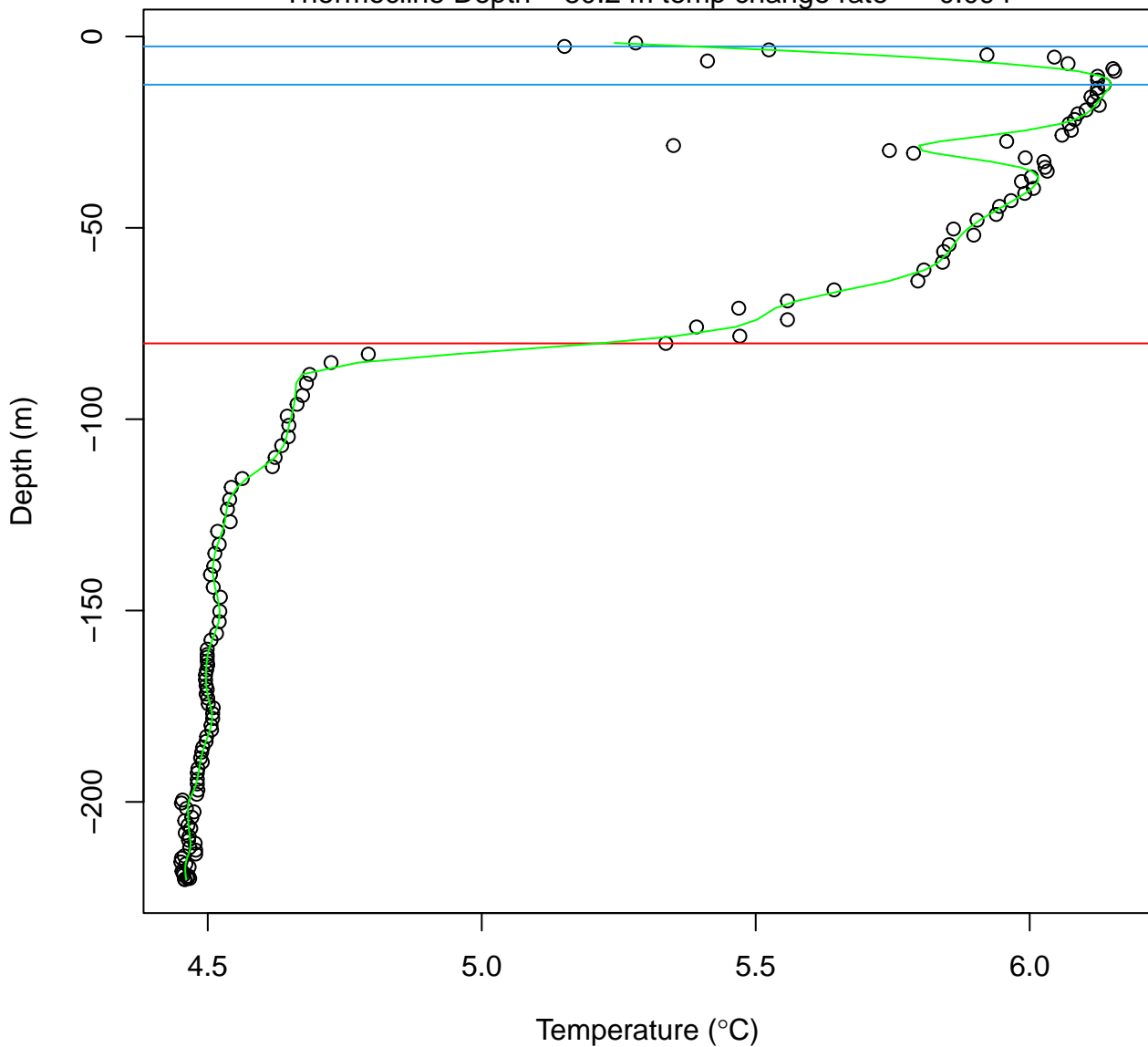
Vessel 148 Cruise 202201 Haul 38

Thermocline Depth = 42.6 m temp change rate = -0.125



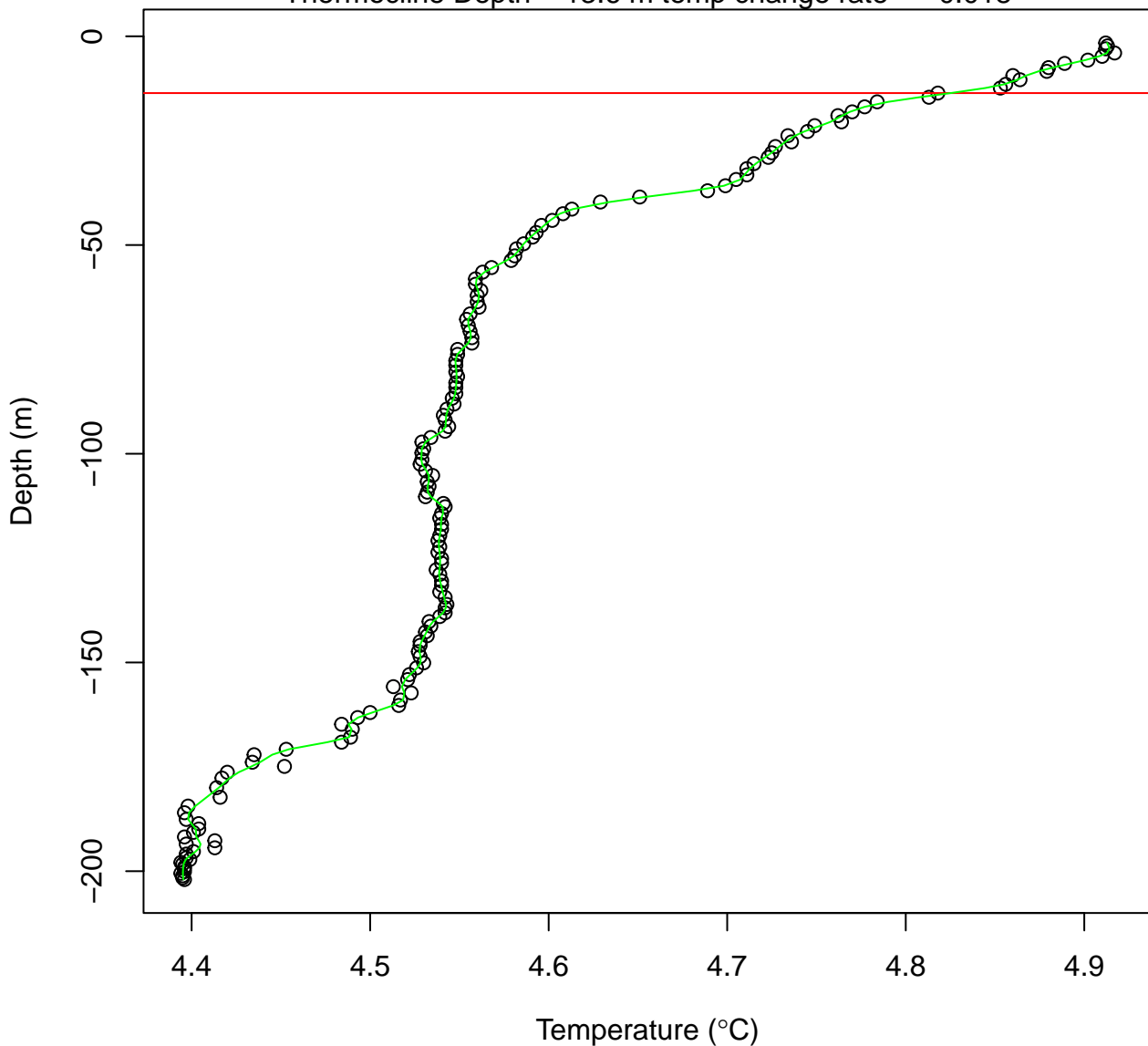
Vessel 148 Cruise 202201 Haul 39

Thermocline Depth = 80.2 m temp change rate = -0.094



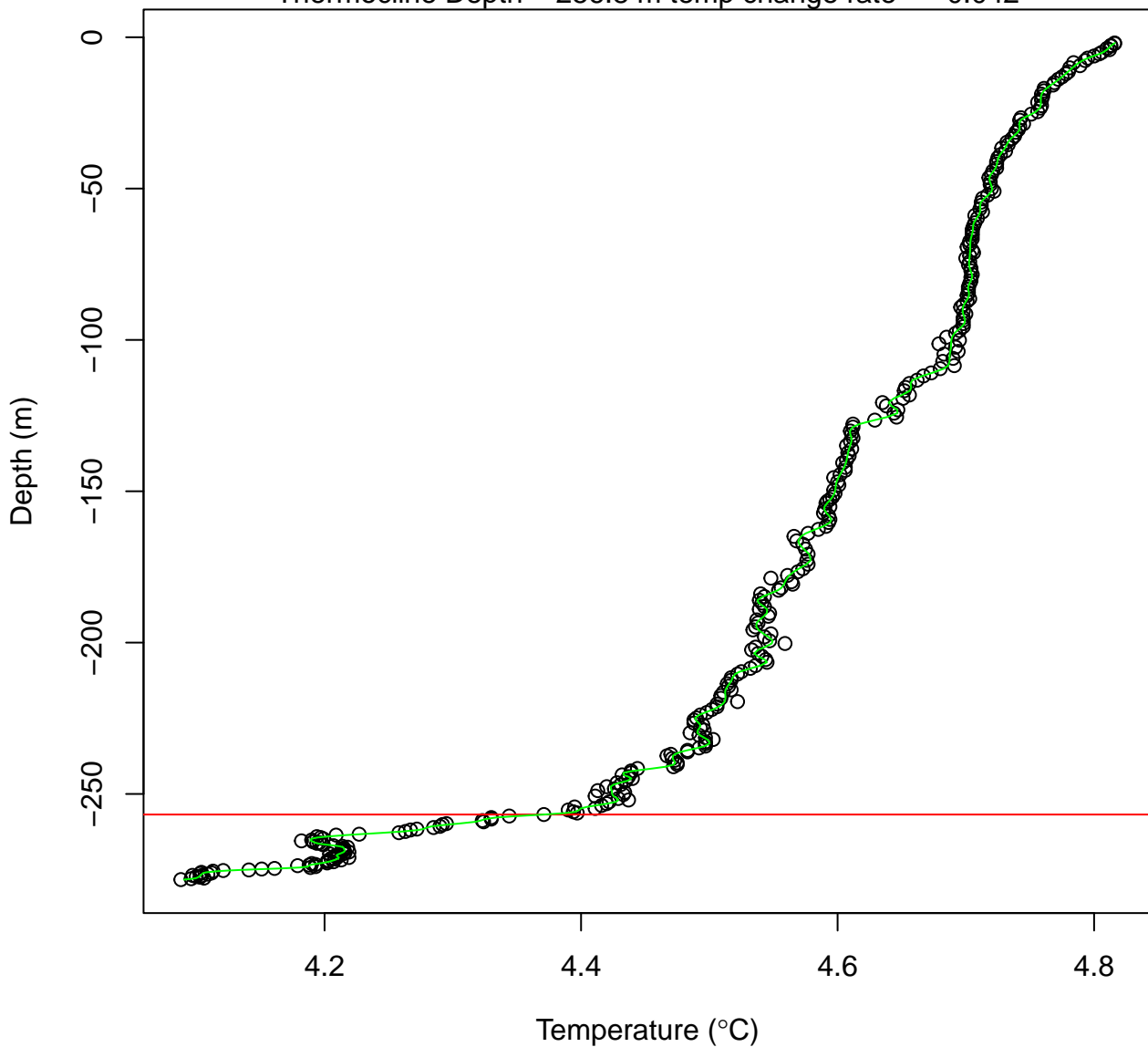
Vessel 148 Cruise 202201 Haul 40

Thermocline Depth = 13.6 m temp change rate = -0.018



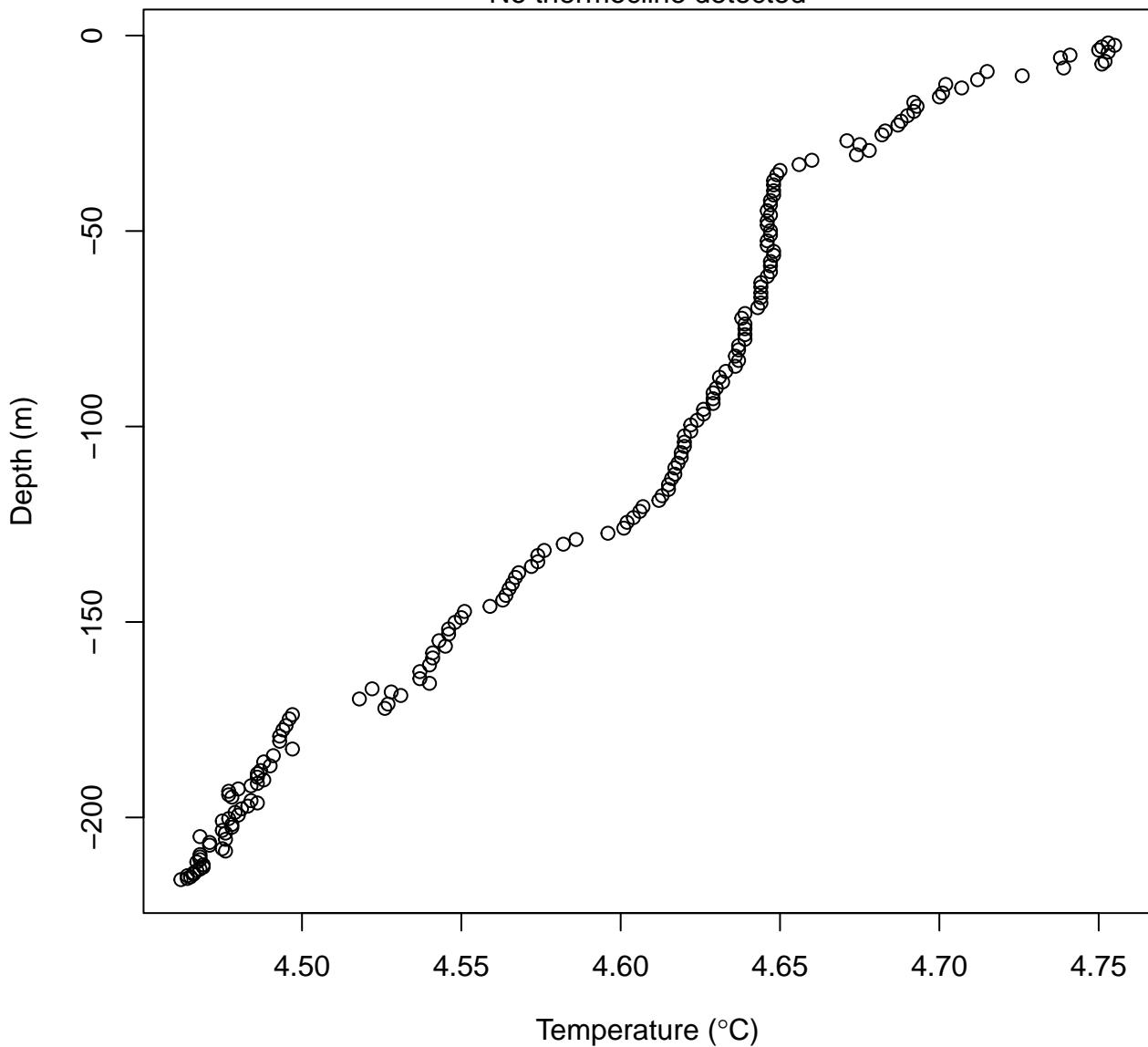
Vessel 148 Cruise 202201 Haul 41

Thermocline Depth = 256.8 m temp change rate = -0.042



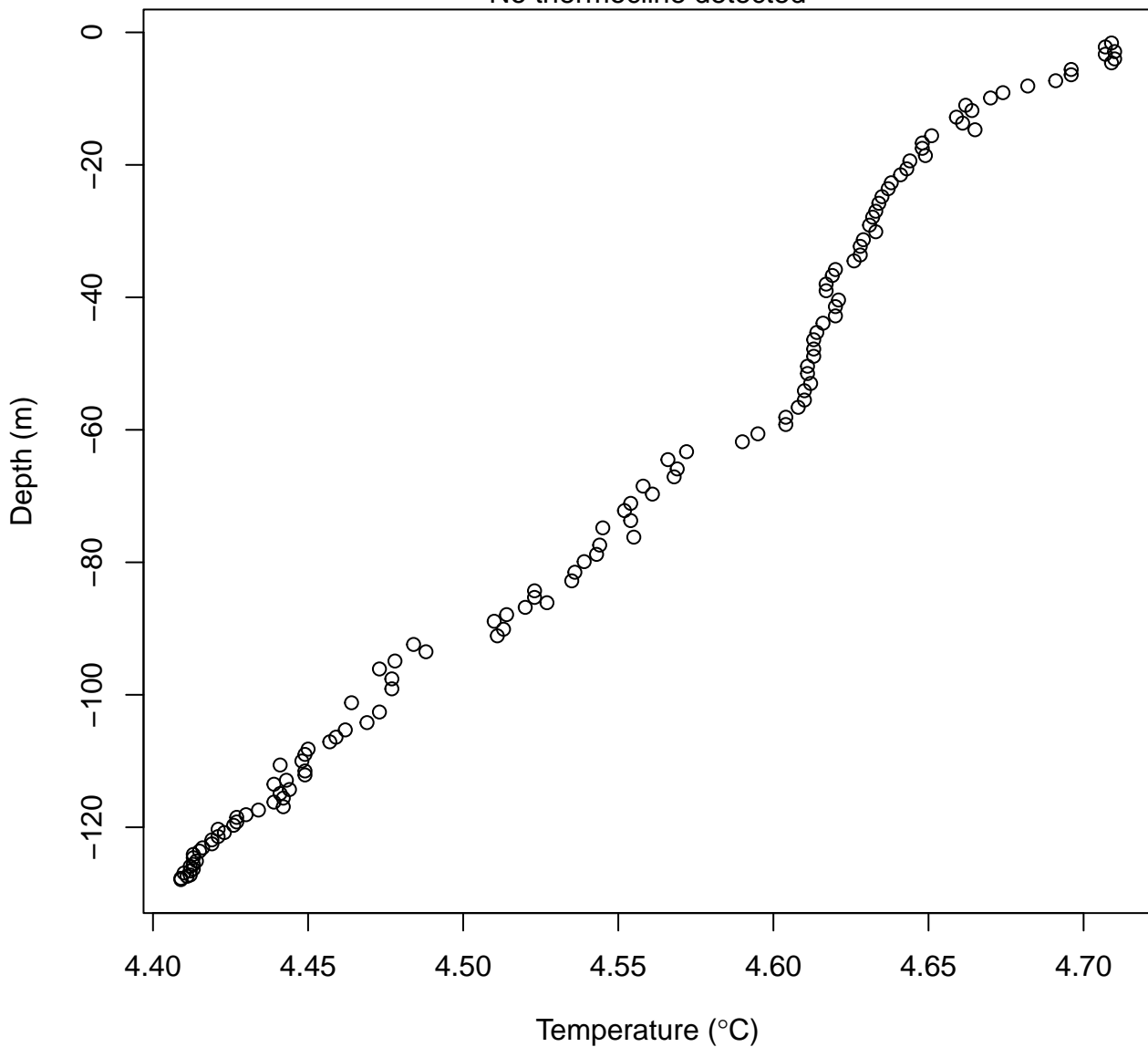
Vessel 148 Cruise 202201 Haul 42

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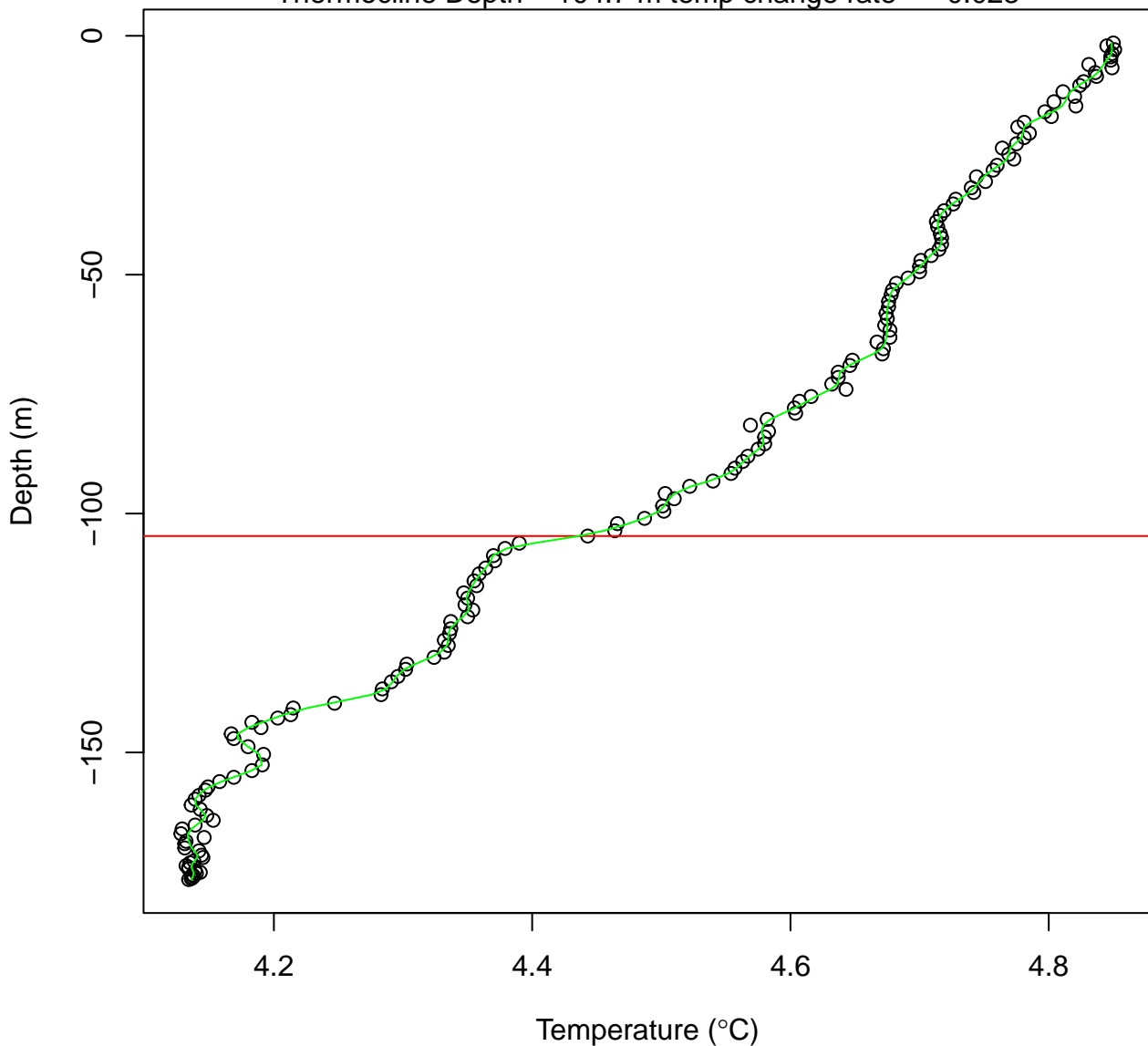
Vessel 148 Cruise 202201 Haul 43

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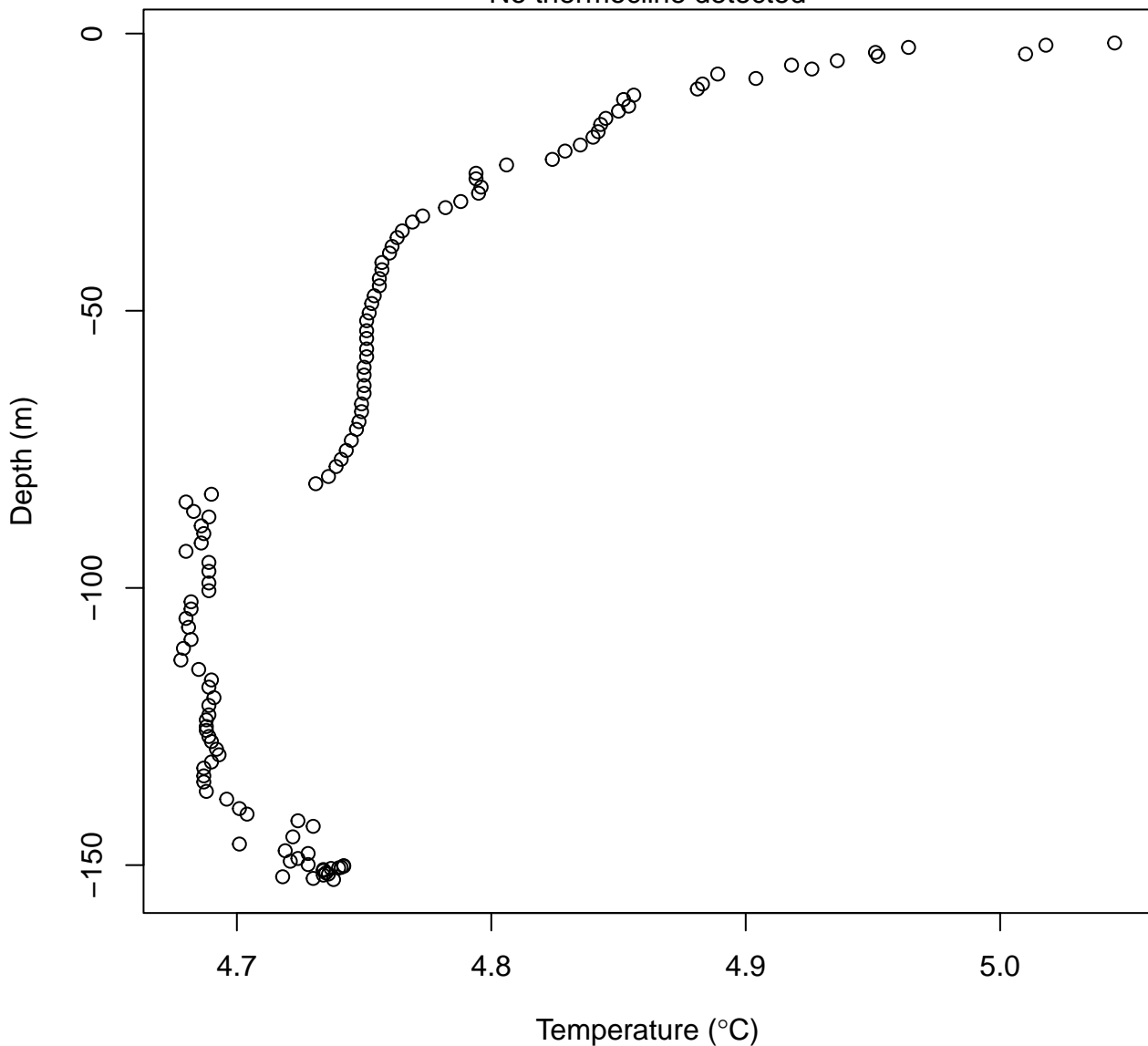
Vessel 148 Cruise 202201 Haul 44

Thermocline Depth = 104.7 m temp change rate = -0.023



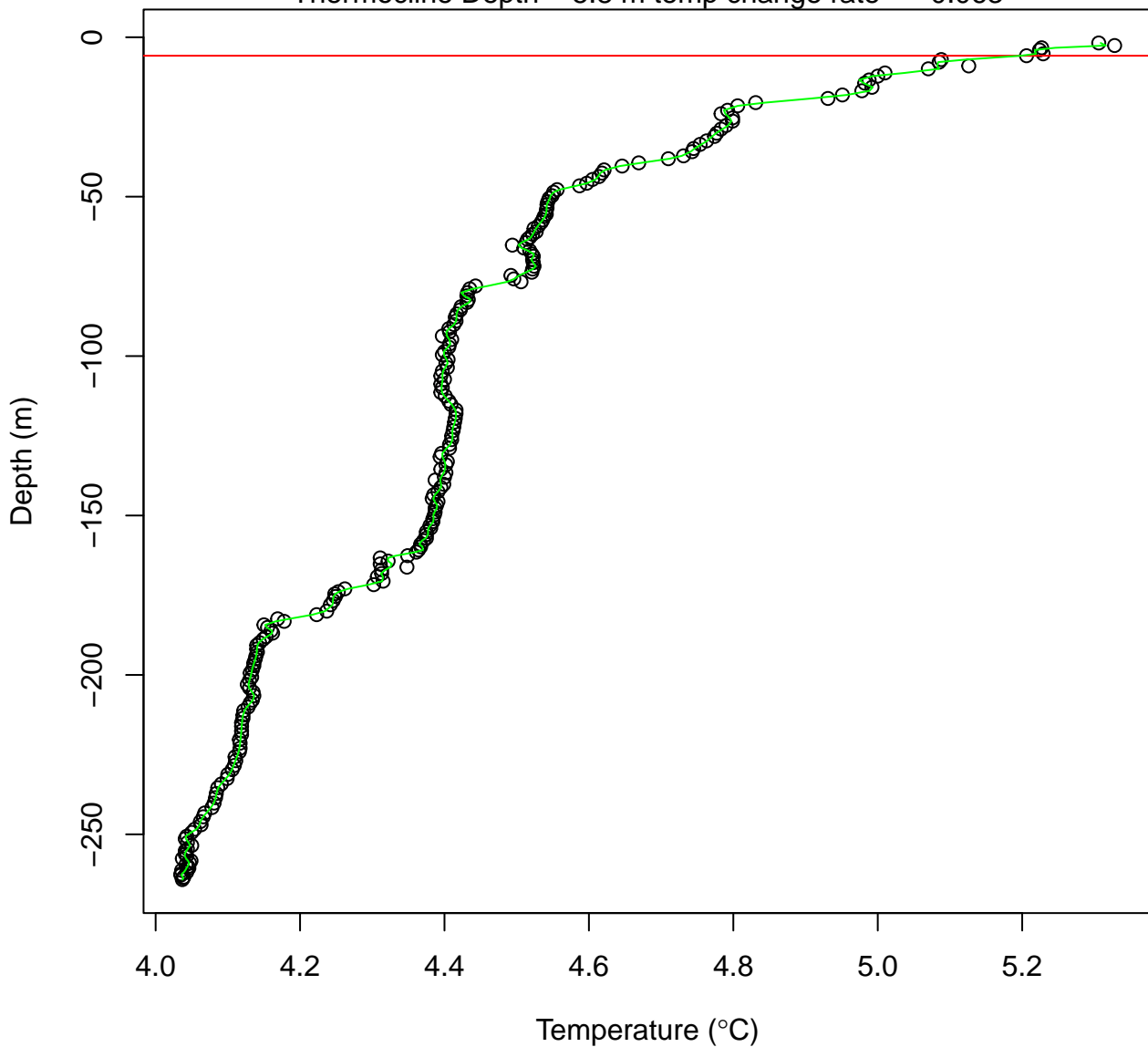
Vessel 148 Cruise 202201 Haul 45

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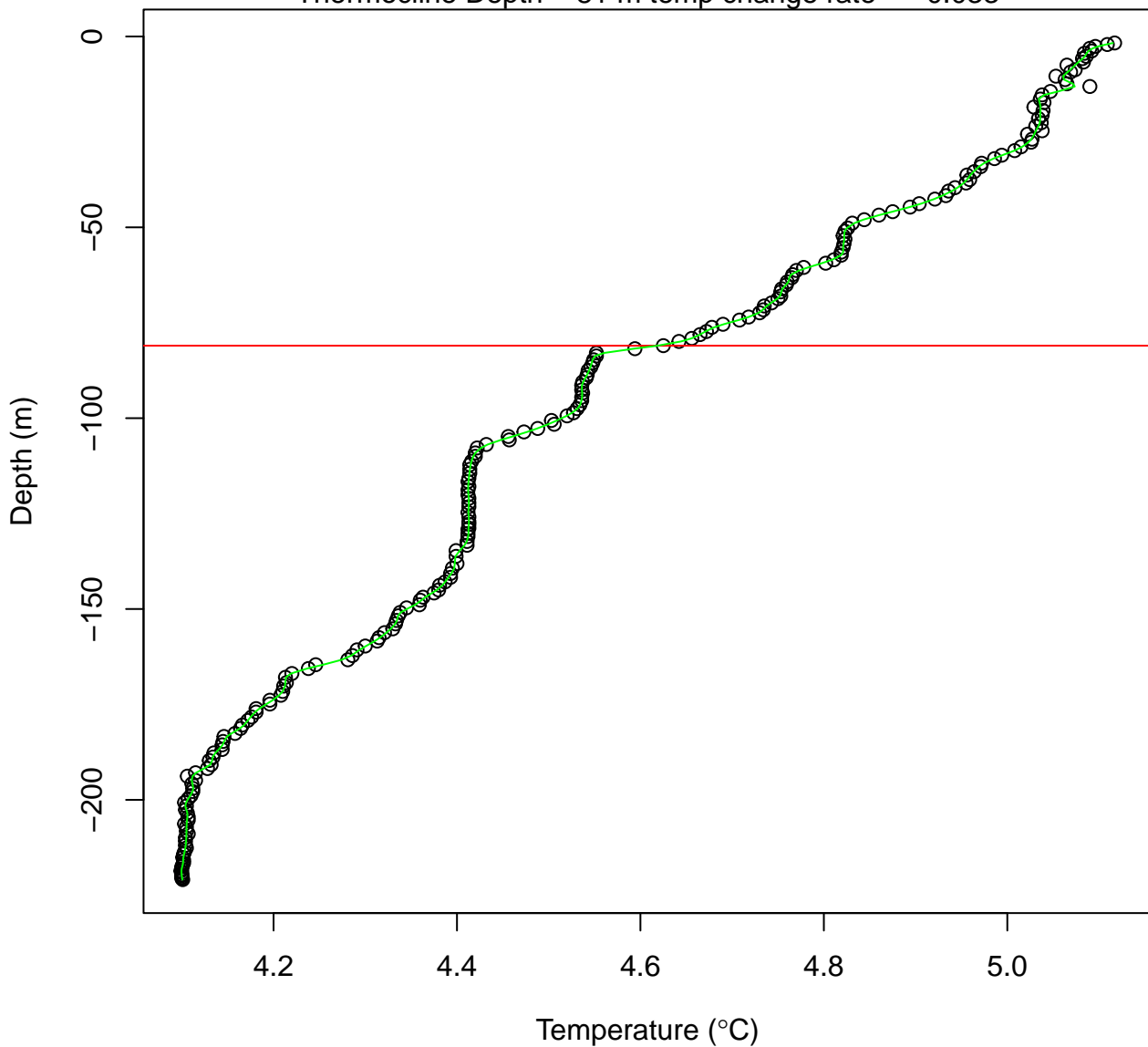
Vessel 148 Cruise 202201 Haul 46

Thermocline Depth = 5.8 m temp change rate = -0.063



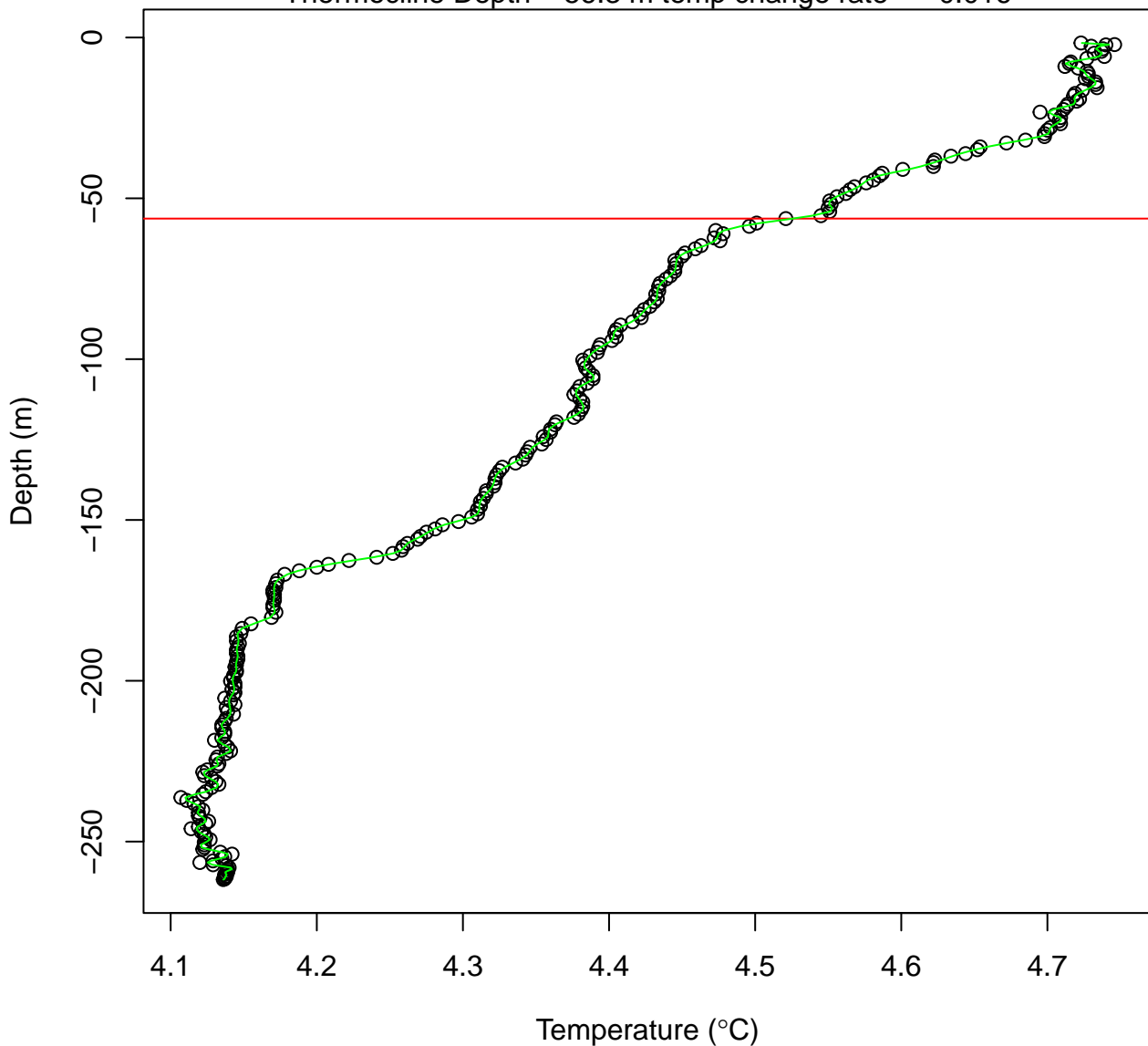
Vessel 148 Cruise 202201 Haul 47

Thermocline Depth = 81 m temp change rate = -0.033



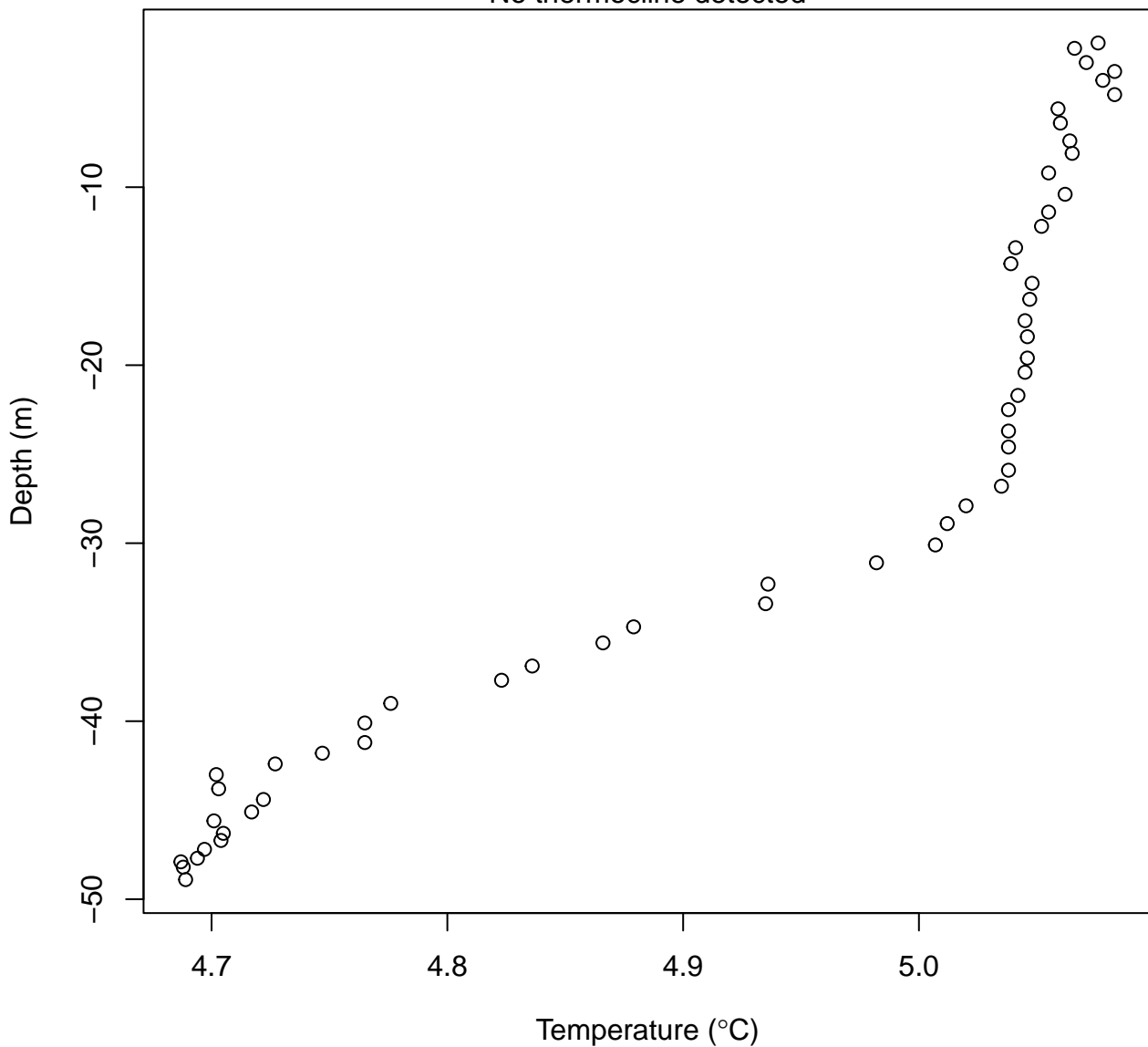
Vessel 148 Cruise 202201 Haul 48

Thermocline Depth = 56.3 m temp change rate = -0.016



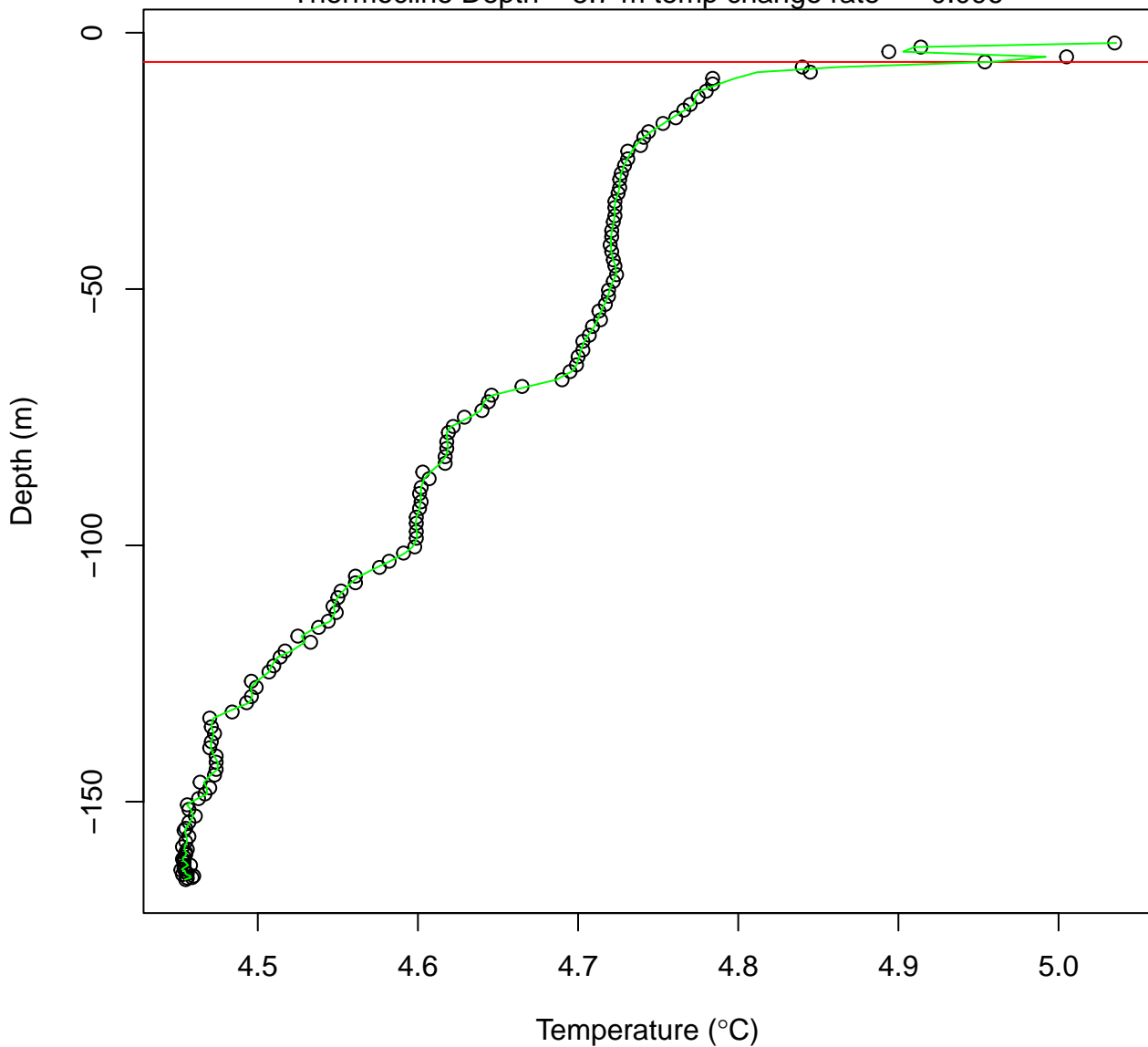
Vessel 148 Cruise 202201 Haul 49

No thermocline detected



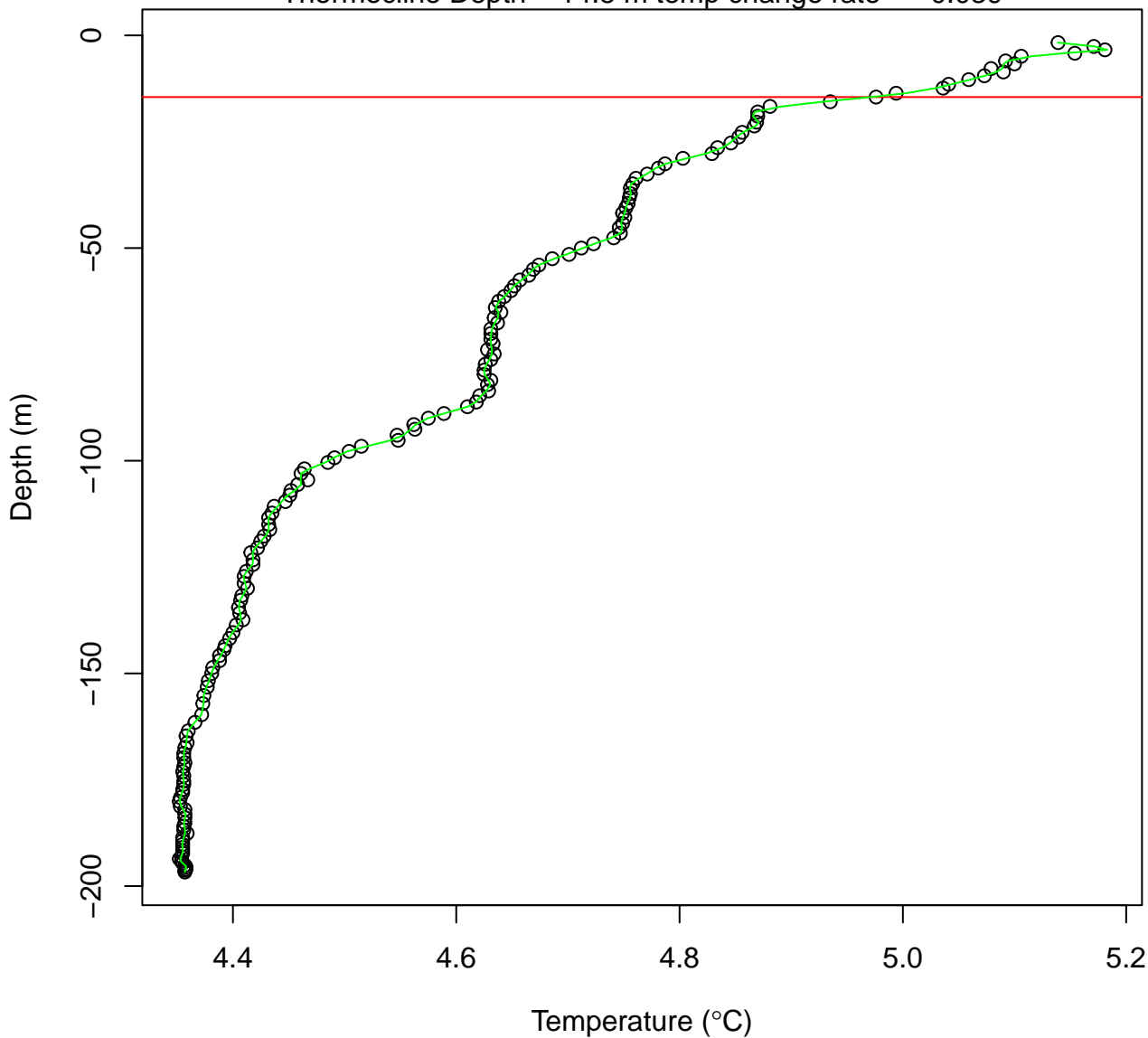
Vessel 148 Cruise 202201 Haul 50

Thermocline Depth = 5.7 m temp change rate = -0.096



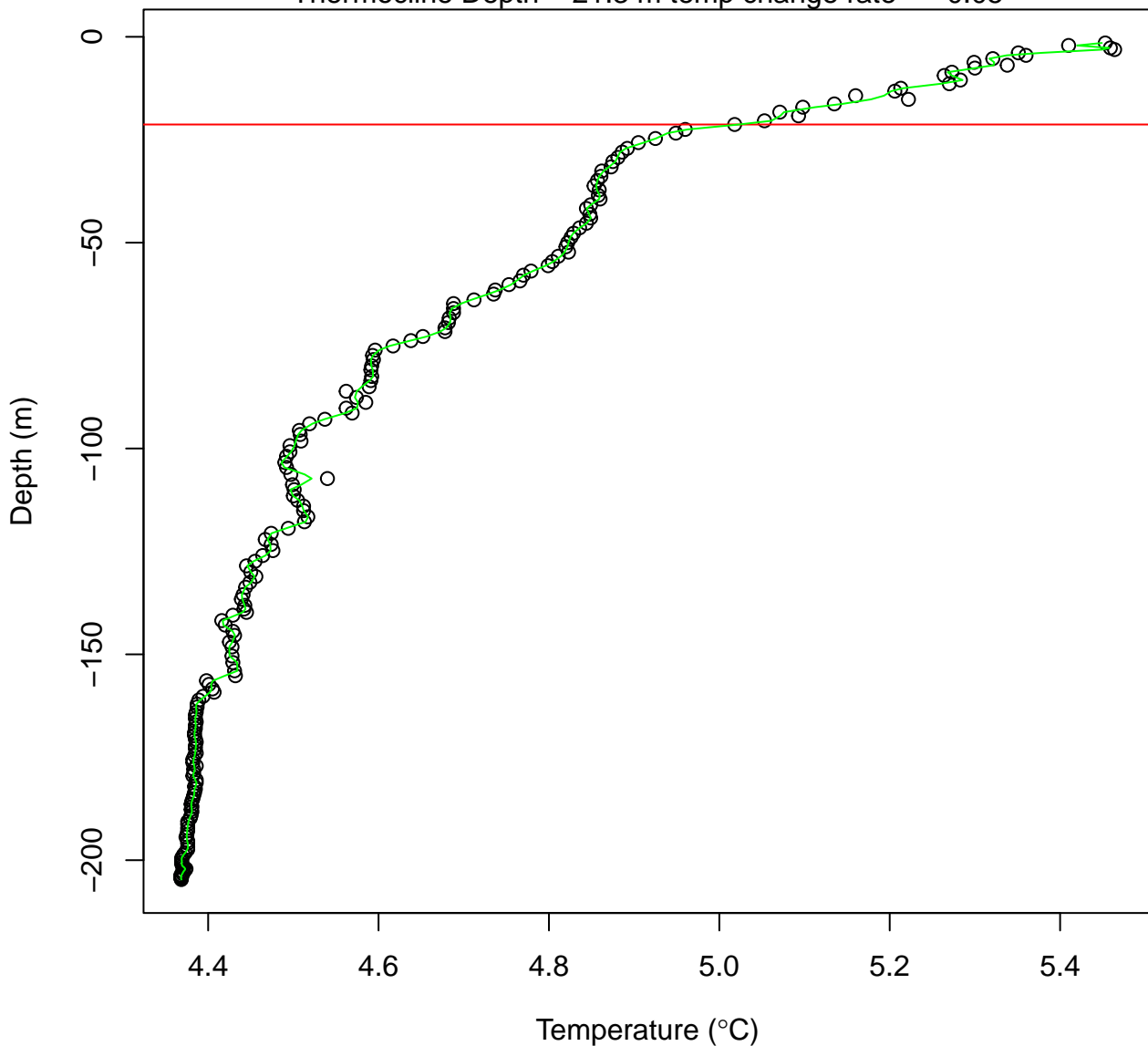
Vessel 148 Cruise 202201 Haul 51

Thermocline Depth = 14.5 m temp change rate = -0.039



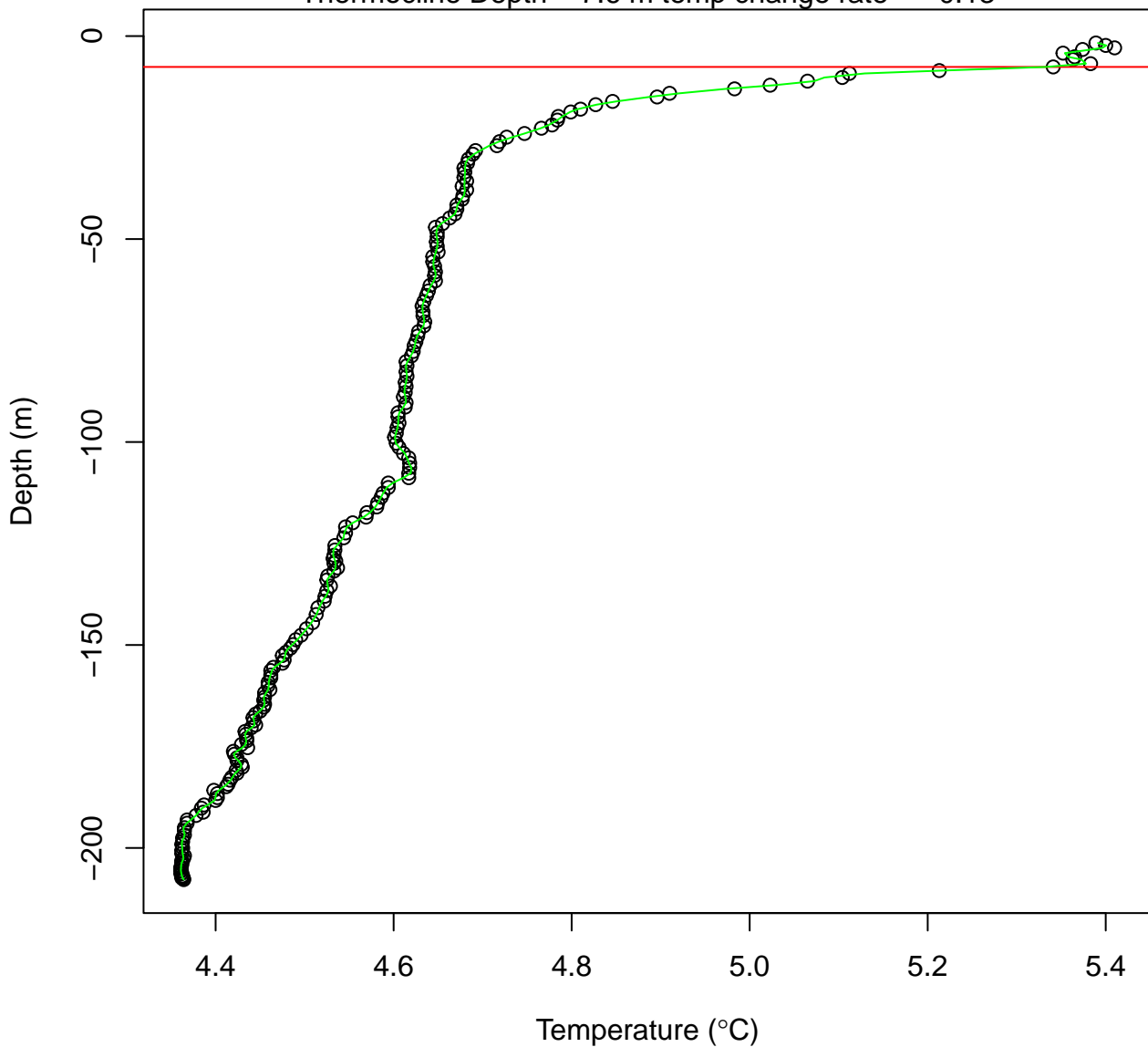
Vessel 148 Cruise 202201 Haul 52

Thermocline Depth = 21.3 m temp change rate = -0.05



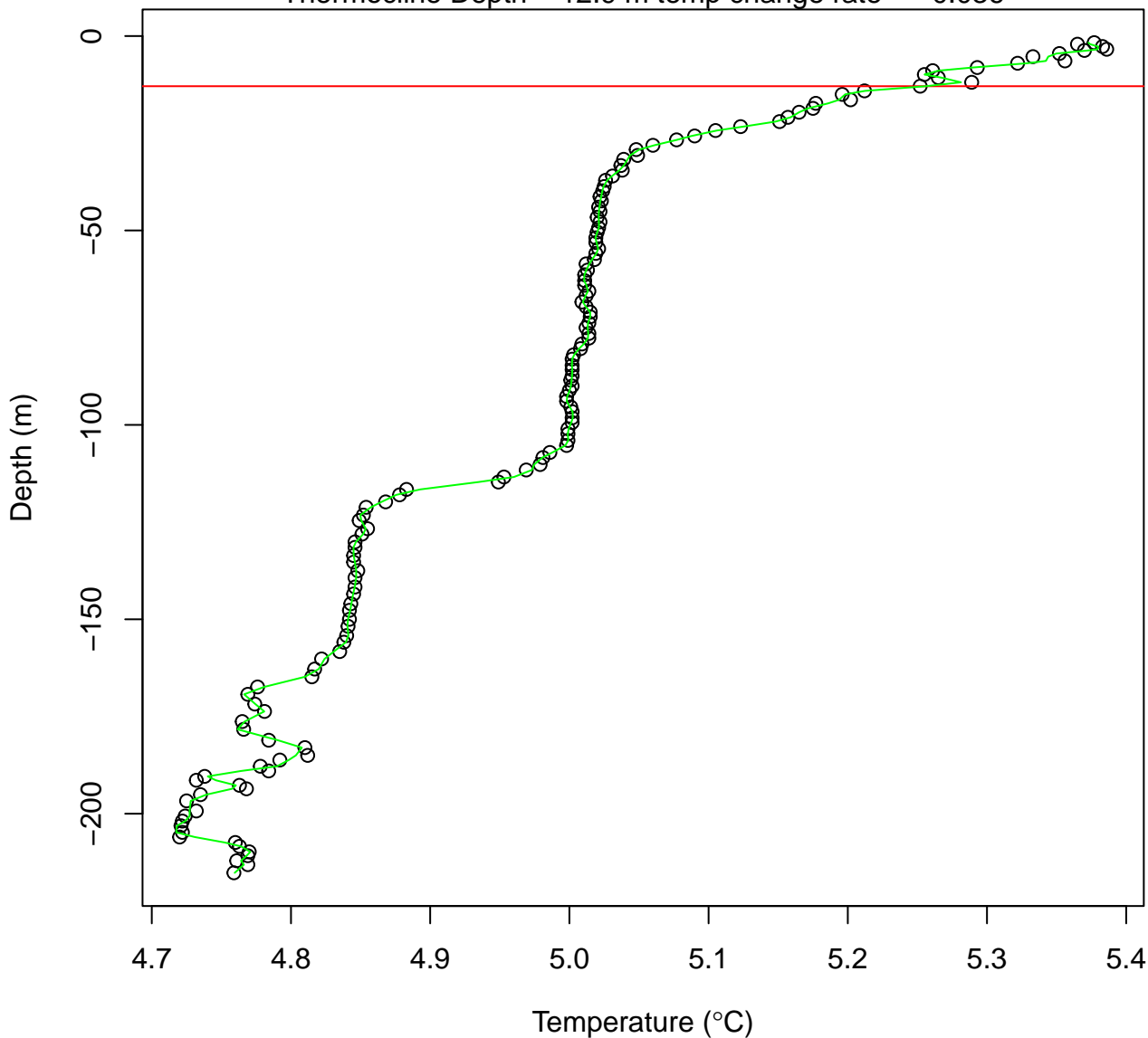
Vessel 148 Cruise 202201 Haul 53

Thermocline Depth = 7.6 m temp change rate = -0.13



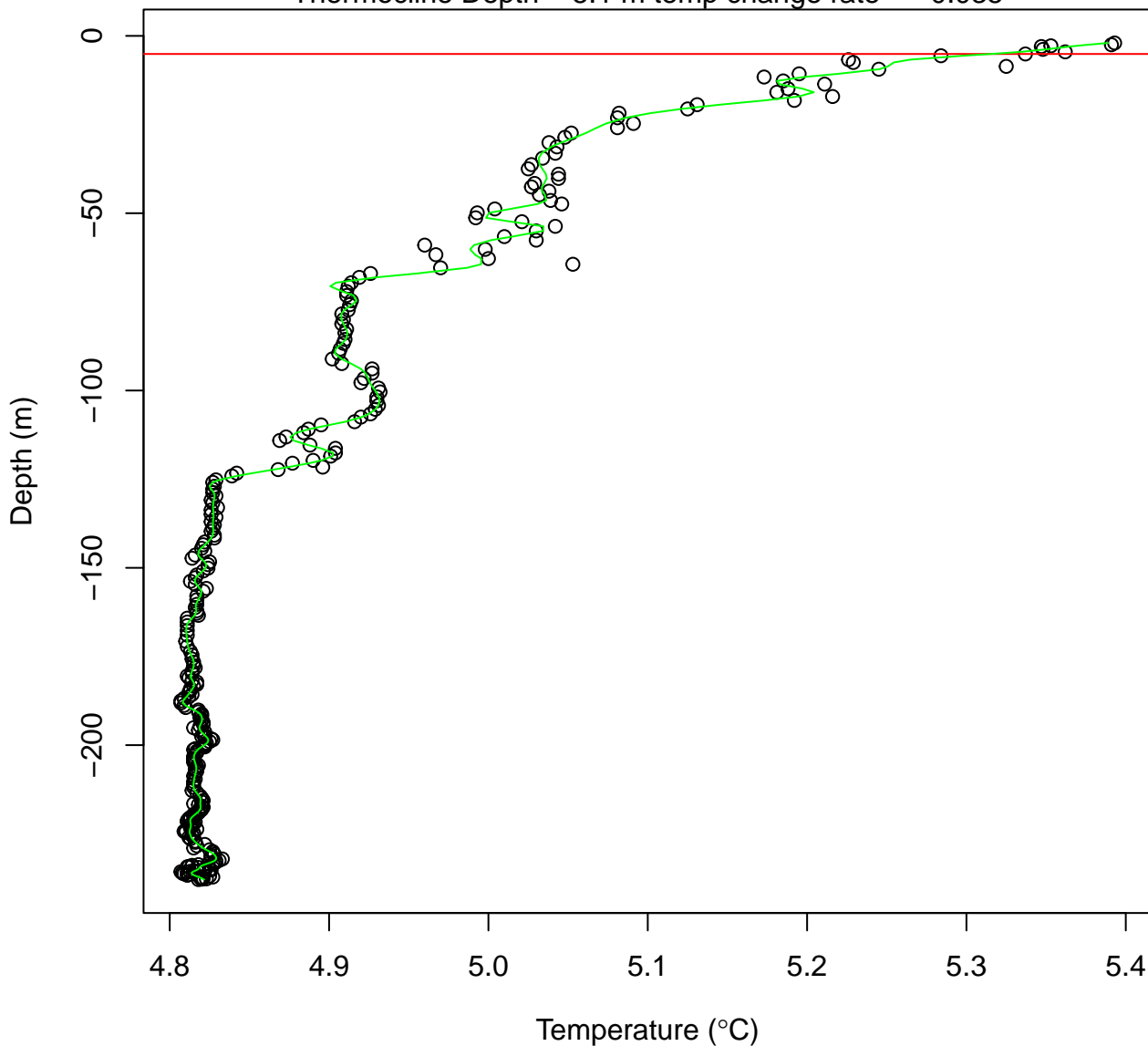
Vessel 148 Cruise 202201 Haul 54

Thermocline Depth = 12.9 m temp change rate = -0.036



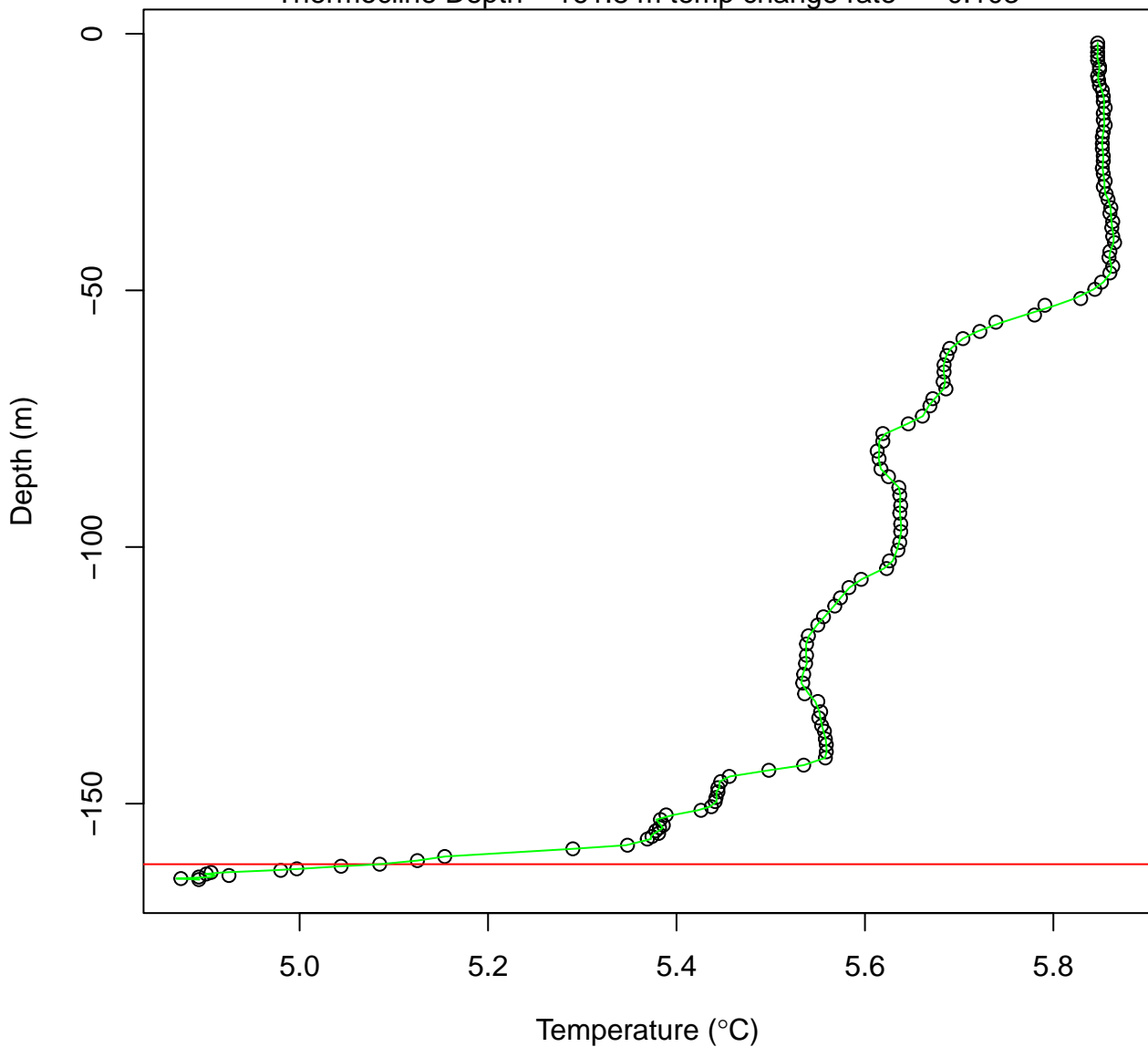
Vessel 148 Cruise 202201 Haul 55

Thermocline Depth = 5.1 m temp change rate = -0.035



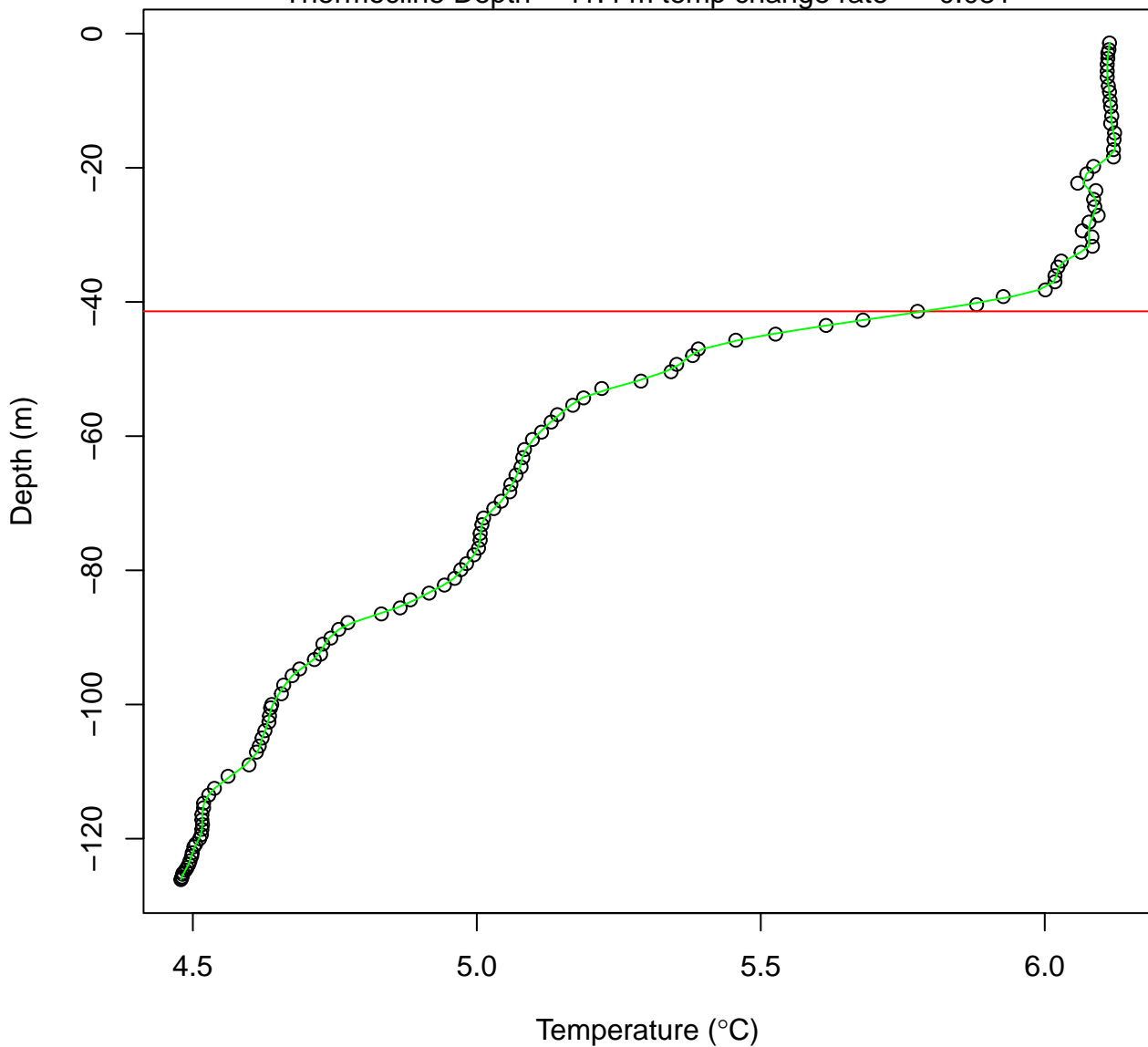
Vessel 148 Cruise 202201 Haul 56

Thermocline Depth = 161.8 m temp change rate = -0.103



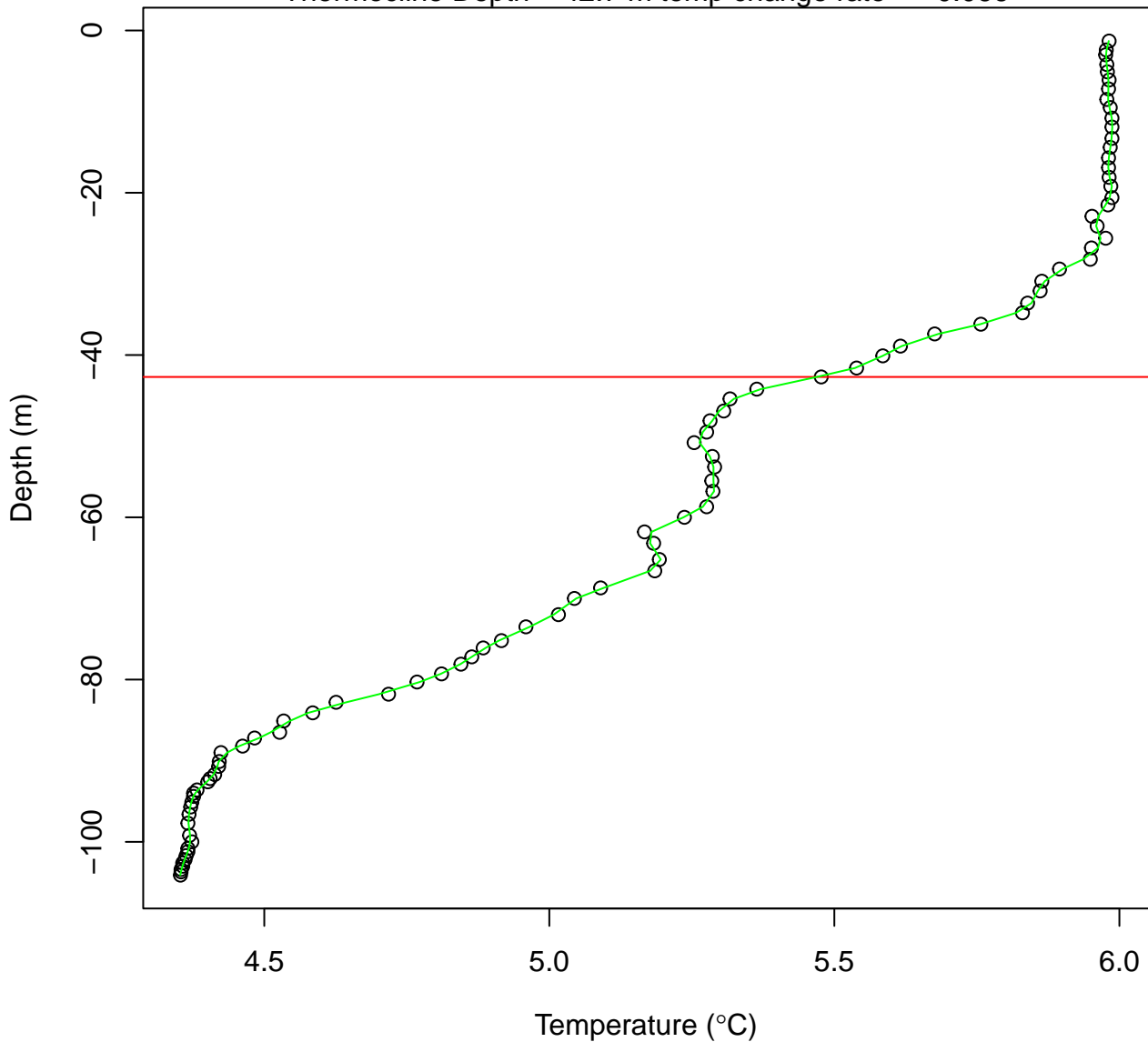
Vessel 148 Cruise 202201 Haul 57

Thermocline Depth = 41.4 m temp change rate = -0.081



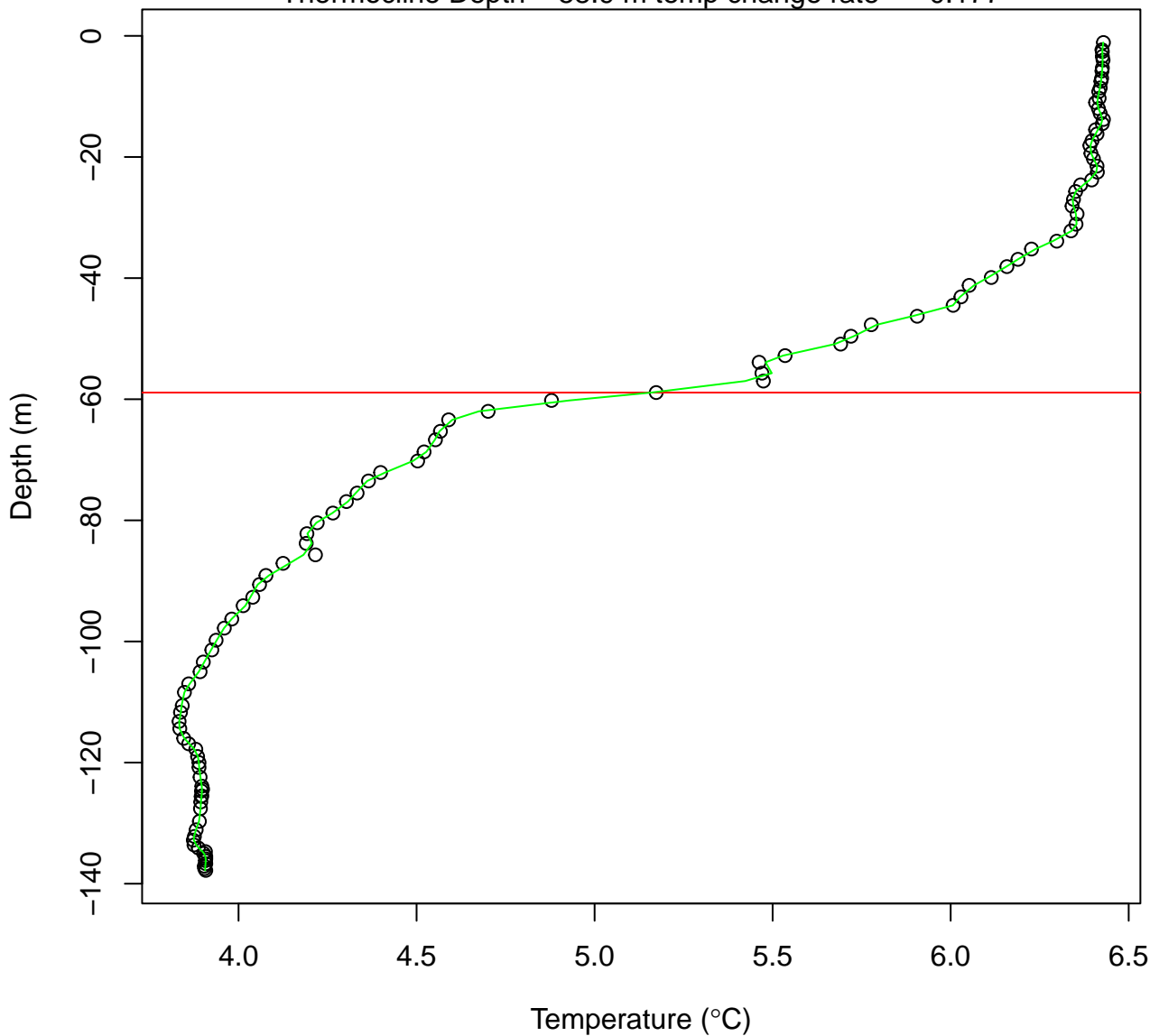
Vessel 148 Cruise 202201 Haul 58

Thermocline Depth = 42.7 m temp change rate = -0.066



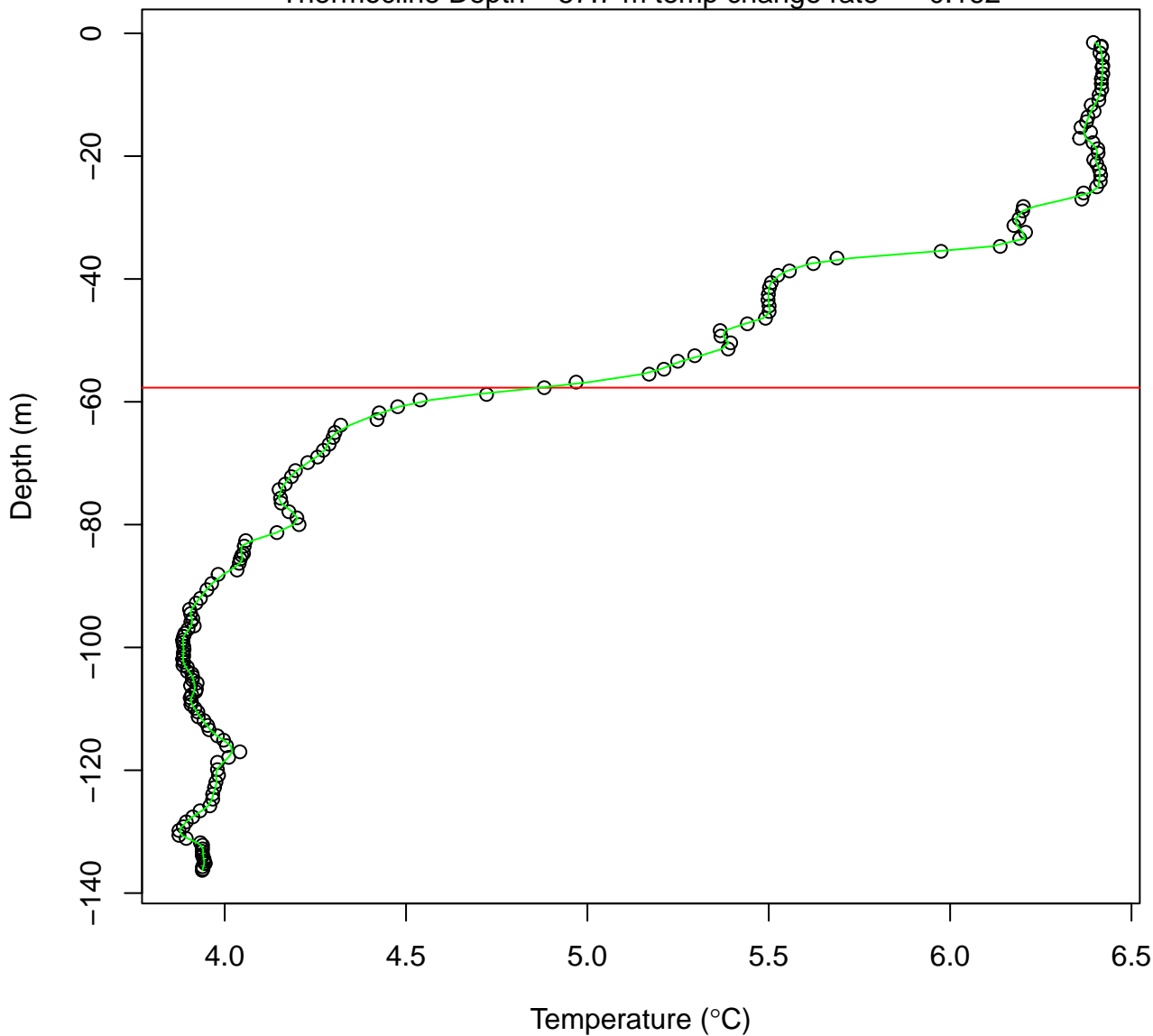
Vessel 148 Cruise 202201 Haul 59

Thermocline Depth = 58.9 m temp change rate = -0.177



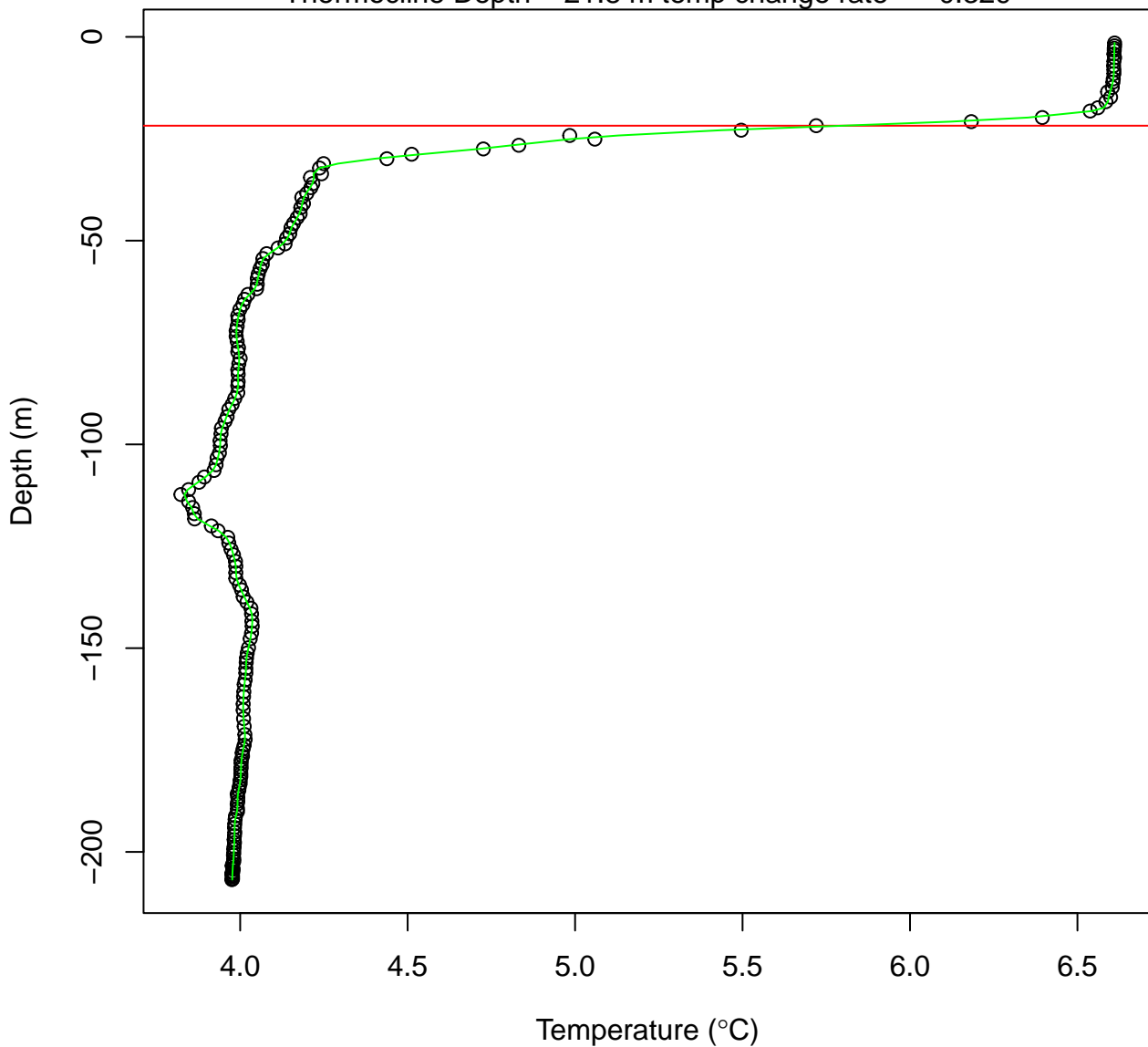
Vessel 148 Cruise 202201 Haul 60

Thermocline Depth = 57.7 m temp change rate = -0.162



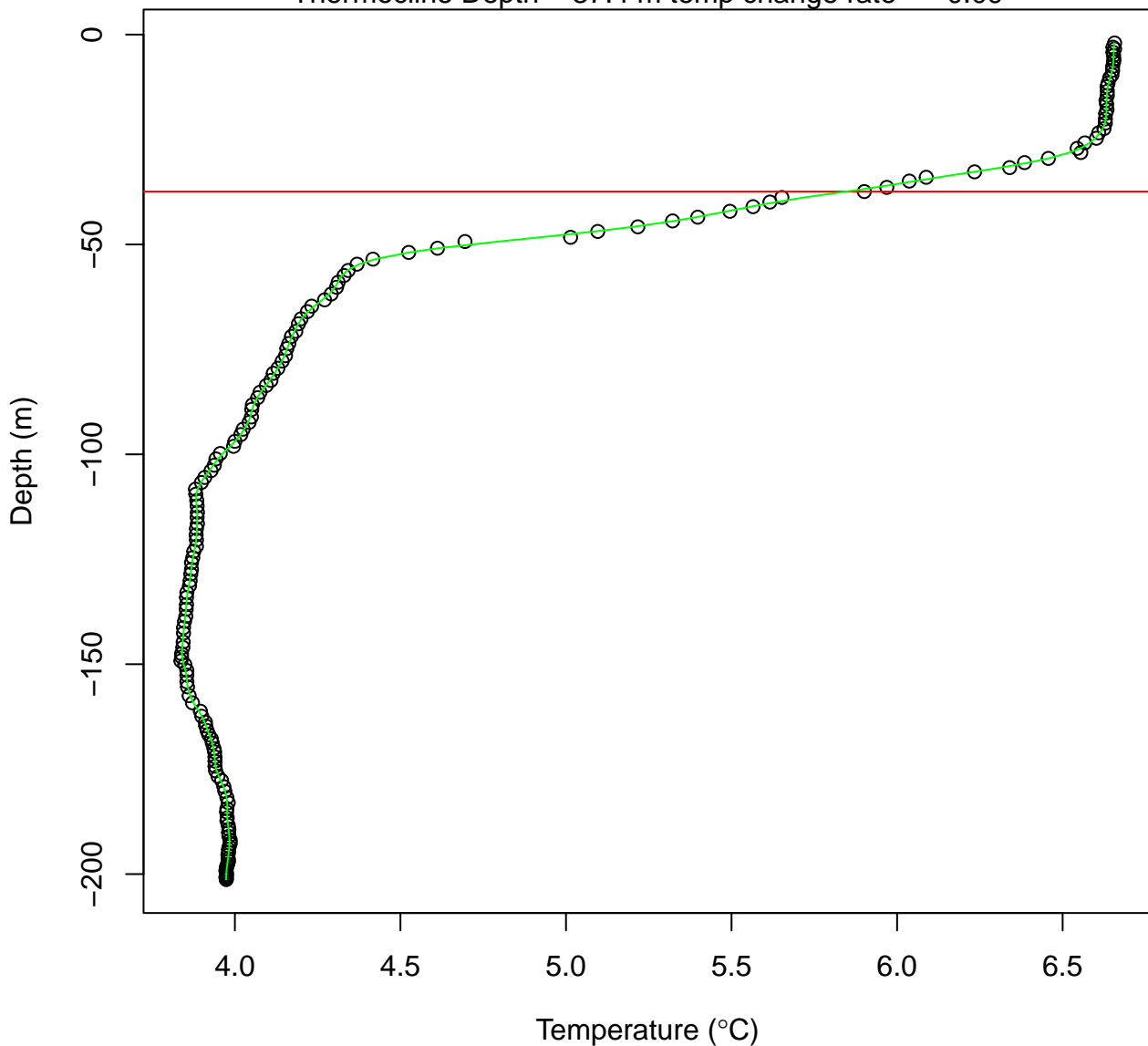
Vessel 148 Cruise 202201 Haul 61

Thermocline Depth = 21.8 m temp change rate = -0.329



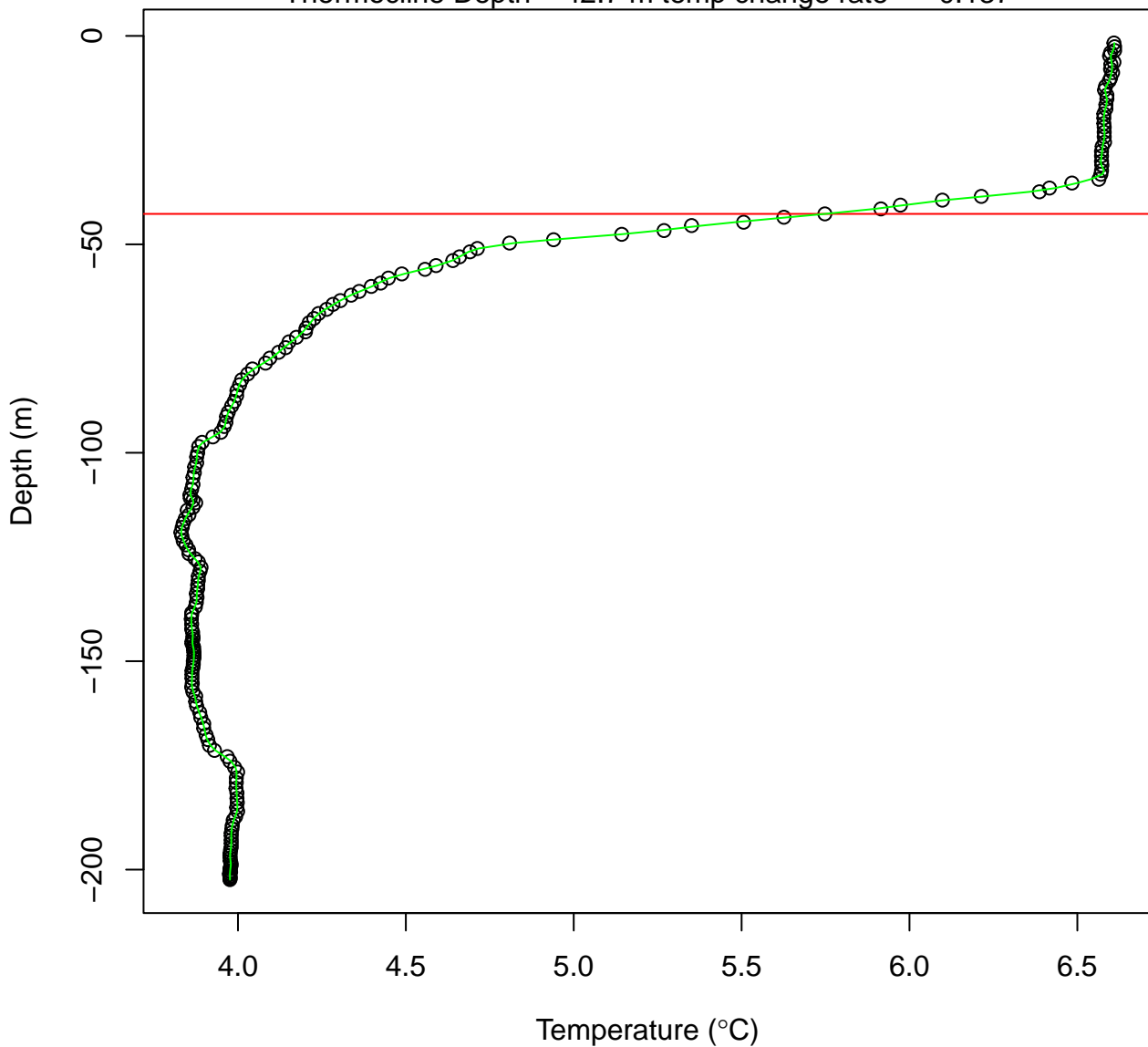
Vessel 148 Cruise 202201 Haul 62

Thermocline Depth = 37.4 m temp change rate = -0.09



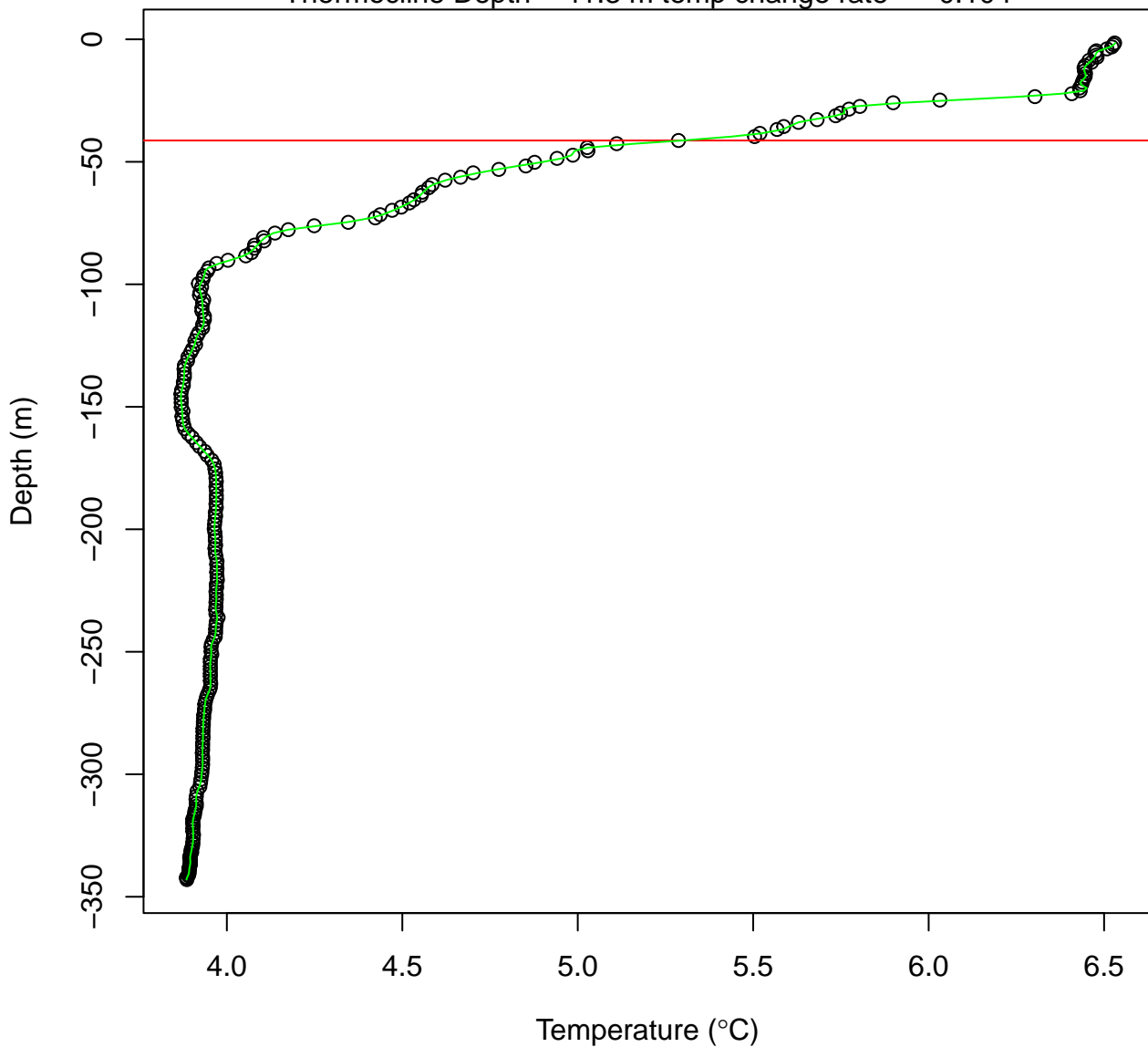
Vessel 148 Cruise 202201 Haul 63

Thermocline Depth = 42.7 m temp change rate = -0.137



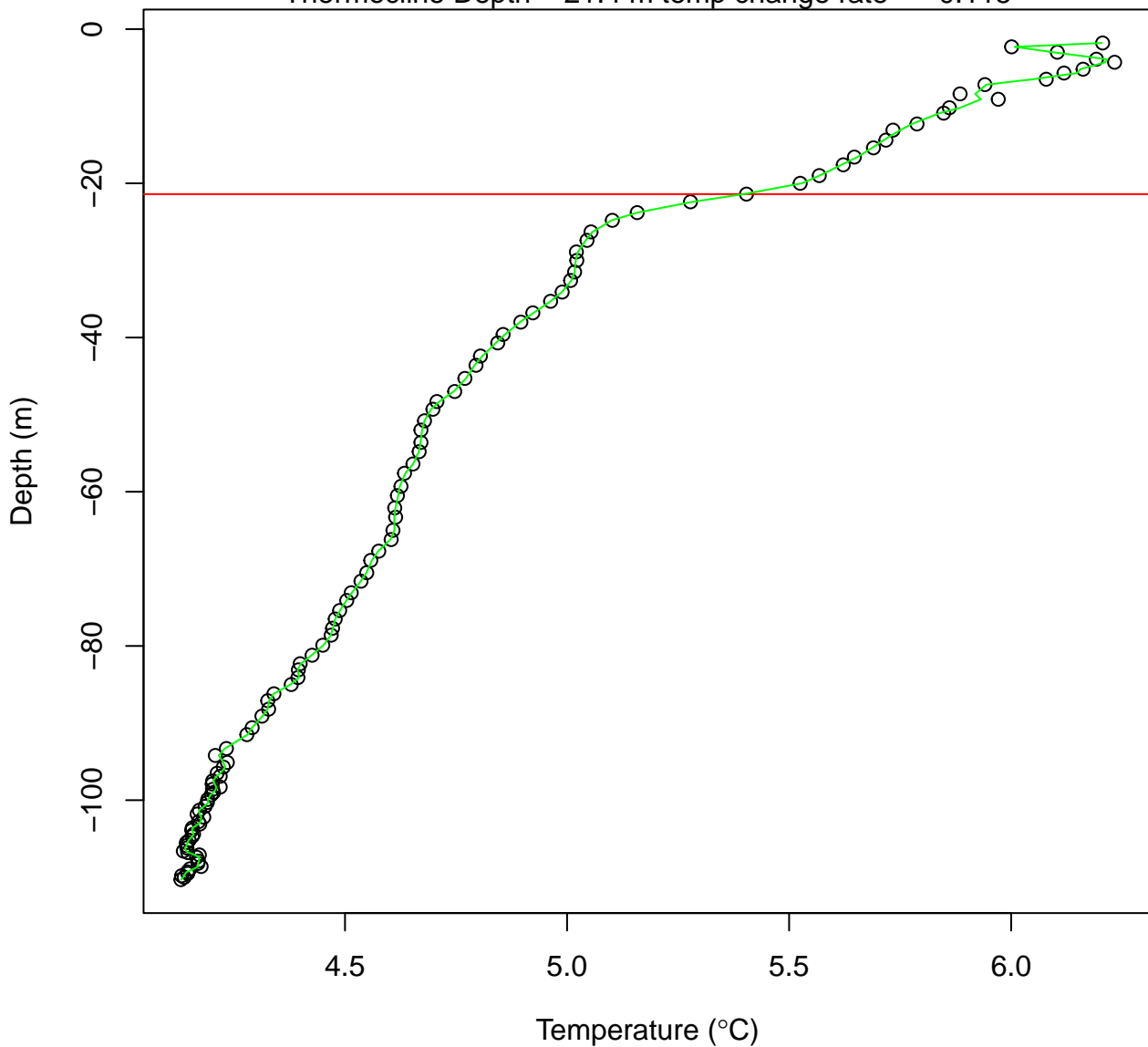
Vessel 148 Cruise 202201 Haul 64

Thermocline Depth = 41.3 m temp change rate = -0.104



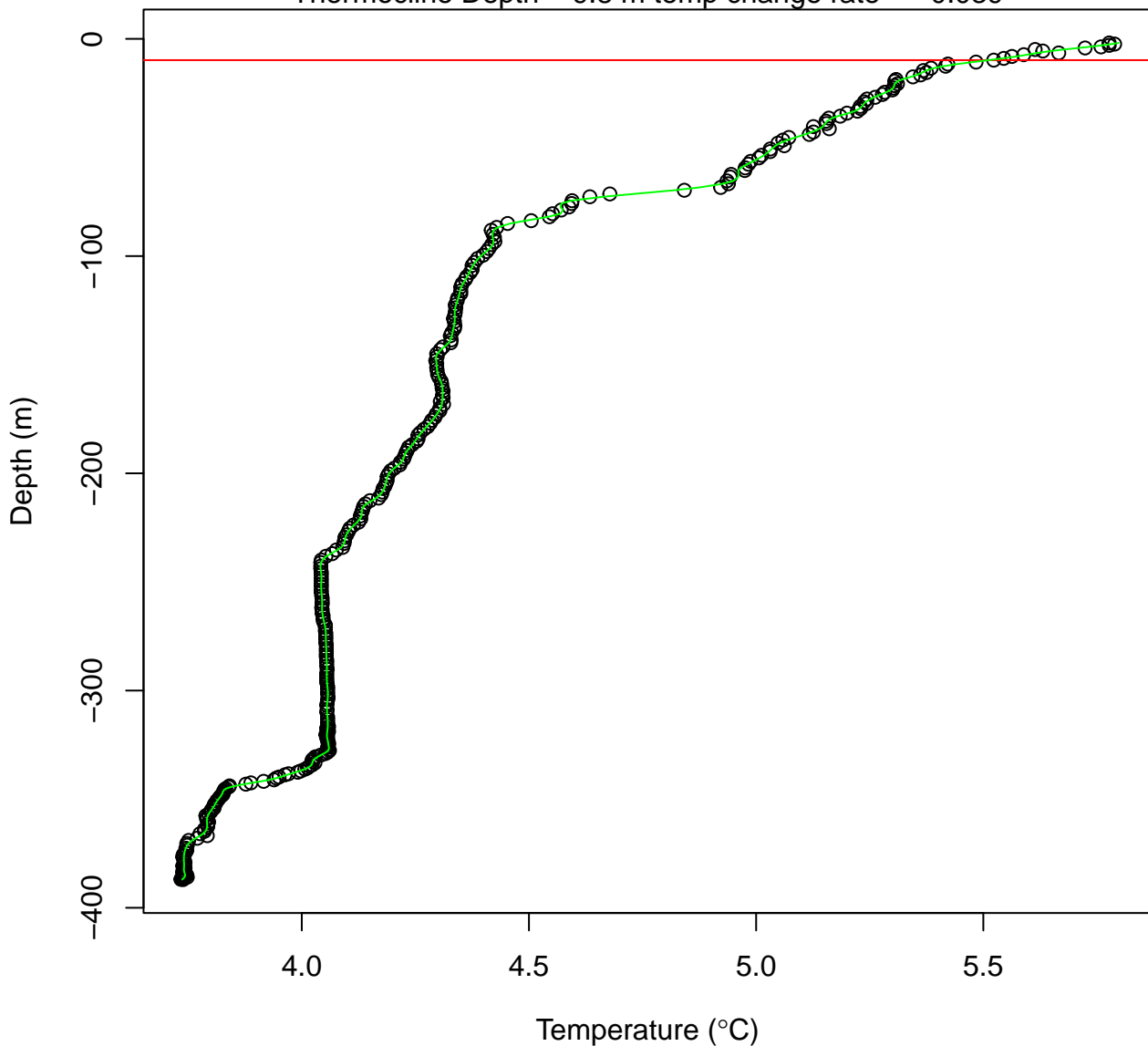
Vessel 148 Cruise 202201 Haul 65

Thermocline Depth = 21.4 m temp change rate = -0.115



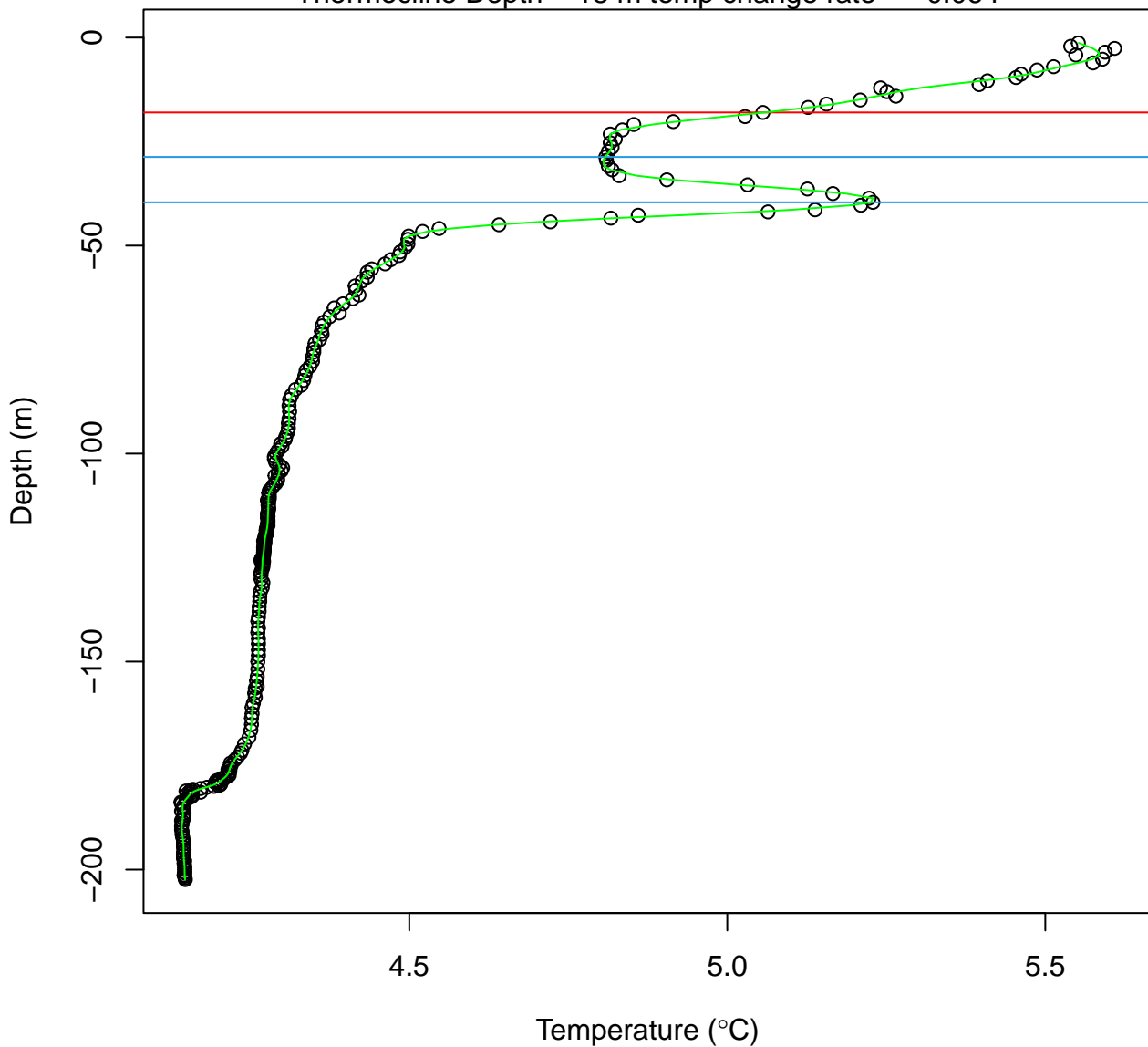
Vessel 148 Cruise 202201 Haul 66

Thermocline Depth = 9.8 m temp change rate = -0.039



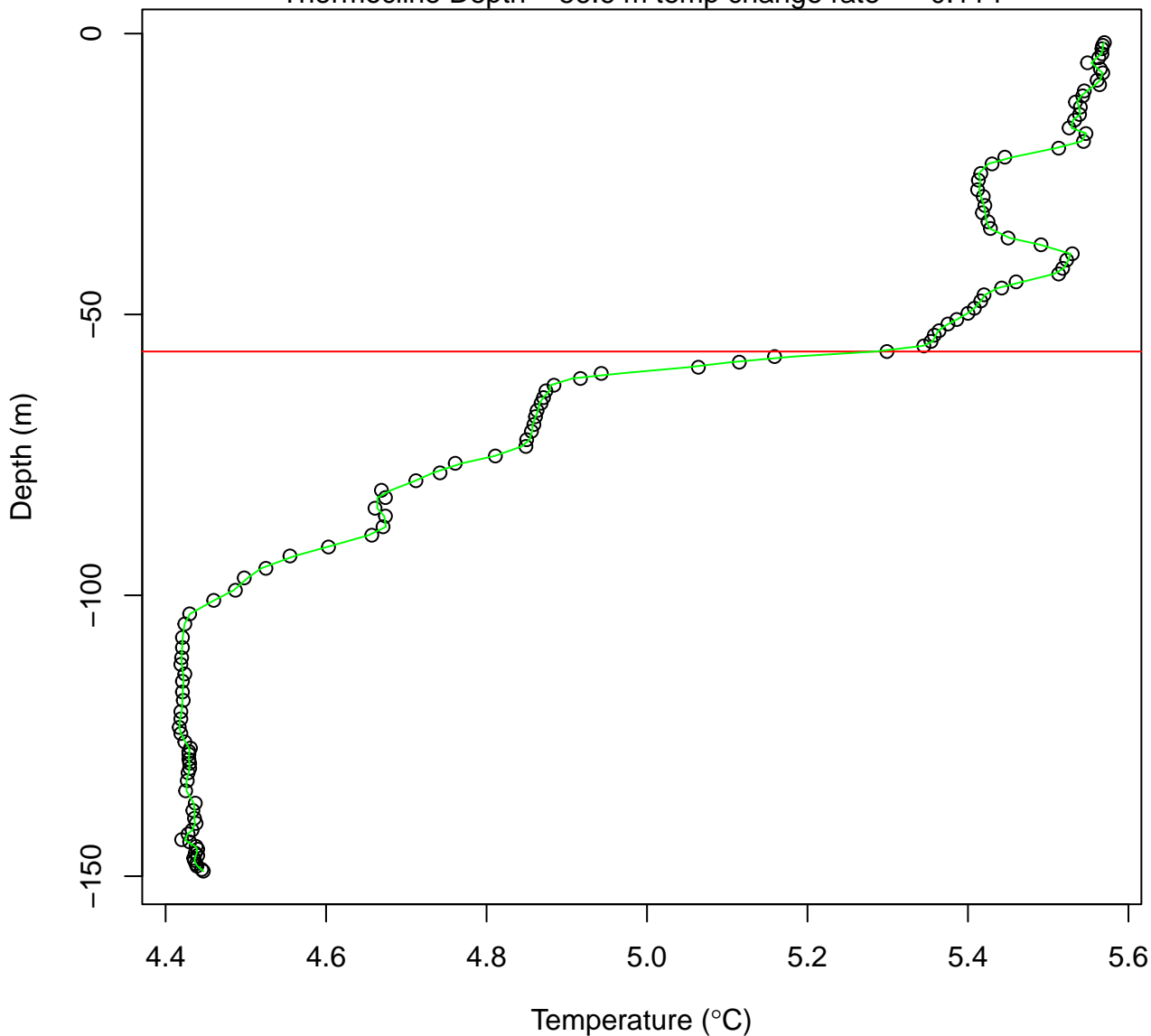
Vessel 148 Cruise 202201 Haul 67

Thermocline Depth = 18 m temp change rate = -0.064



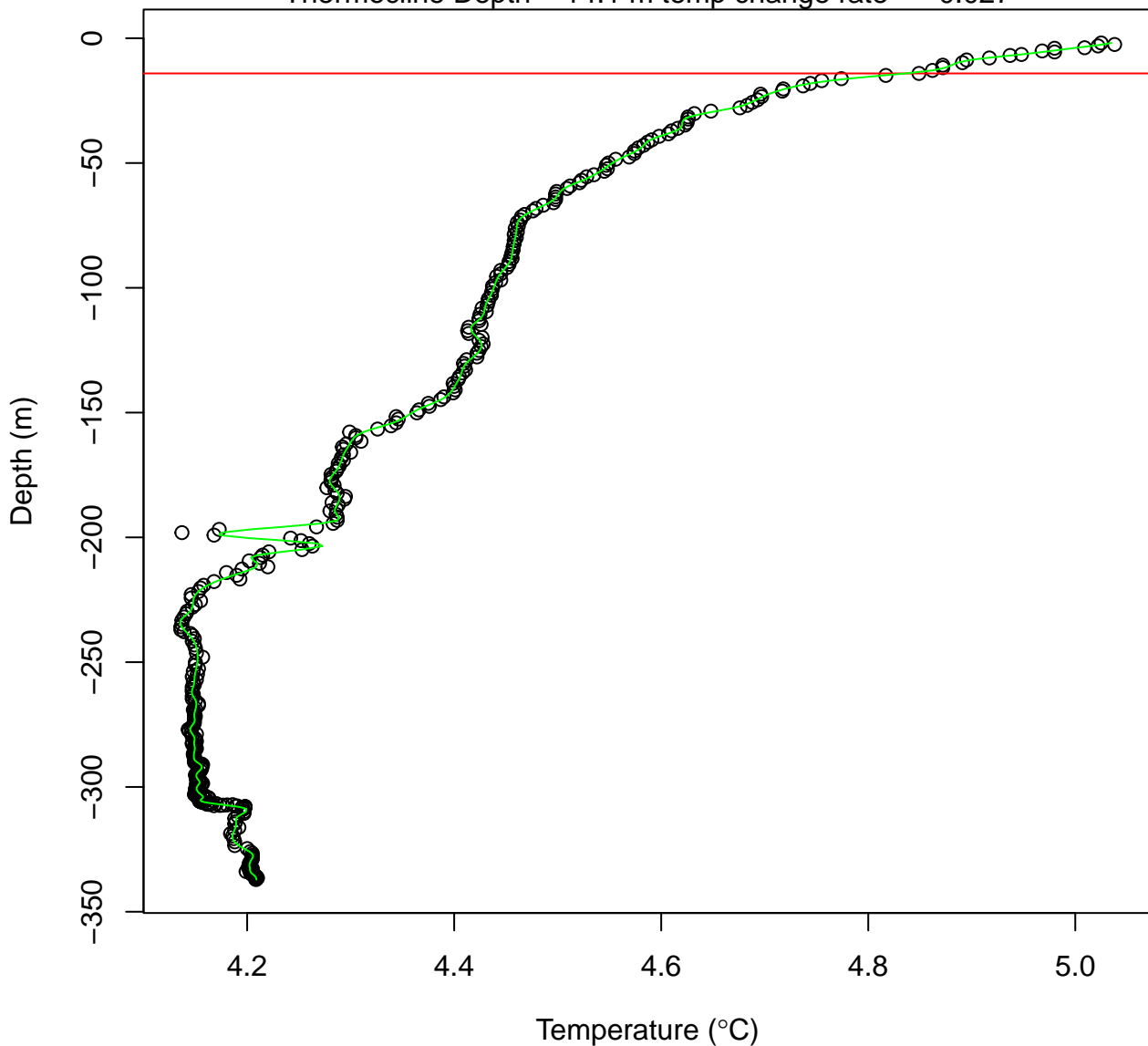
Vessel 148 Cruise 202201 Haul 68

Thermocline Depth = 56.6 m temp change rate = -0.114



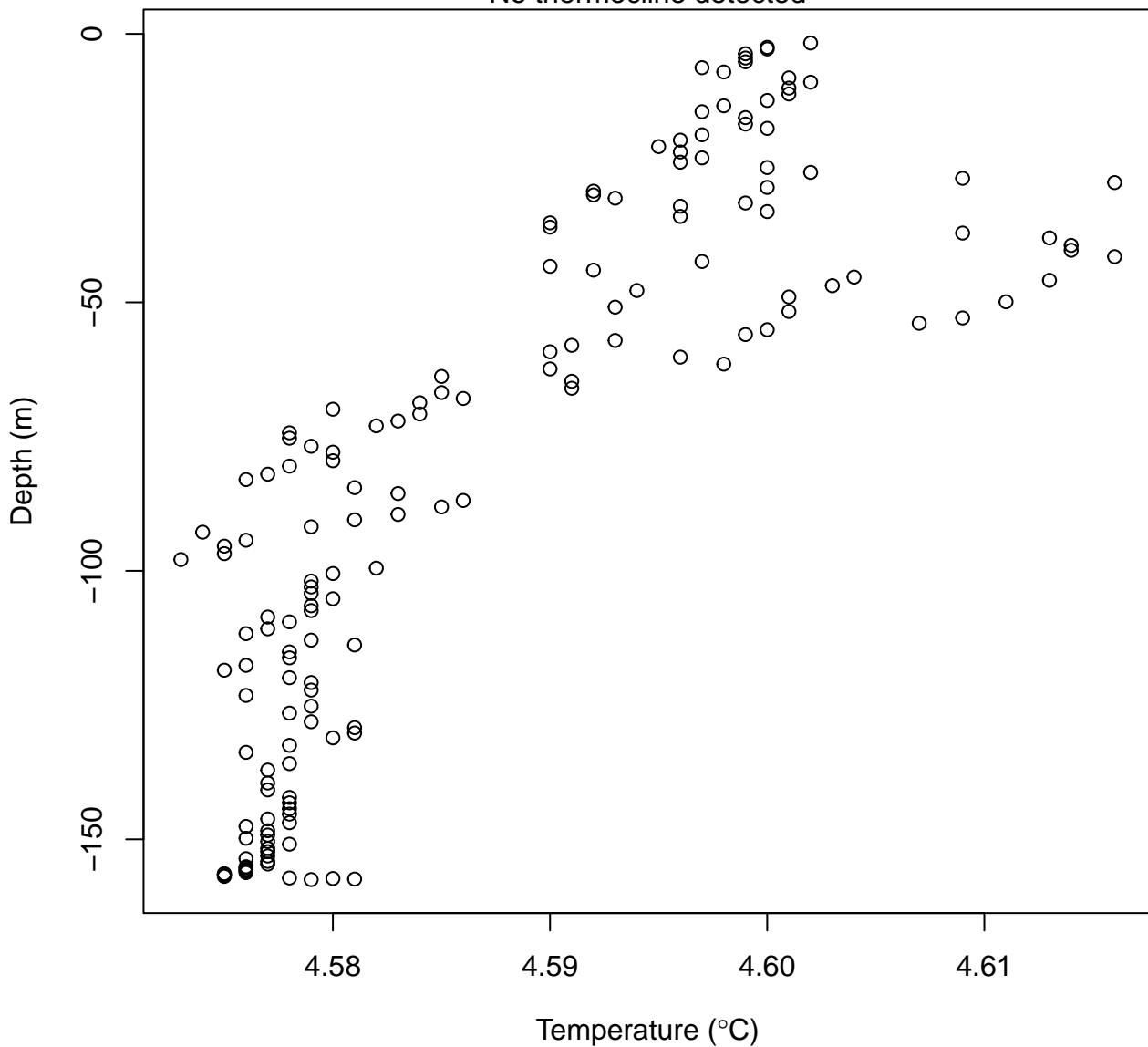
Vessel 148 Cruise 202201 Haul 69

Thermocline Depth = 14.1 m temp change rate = -0.027



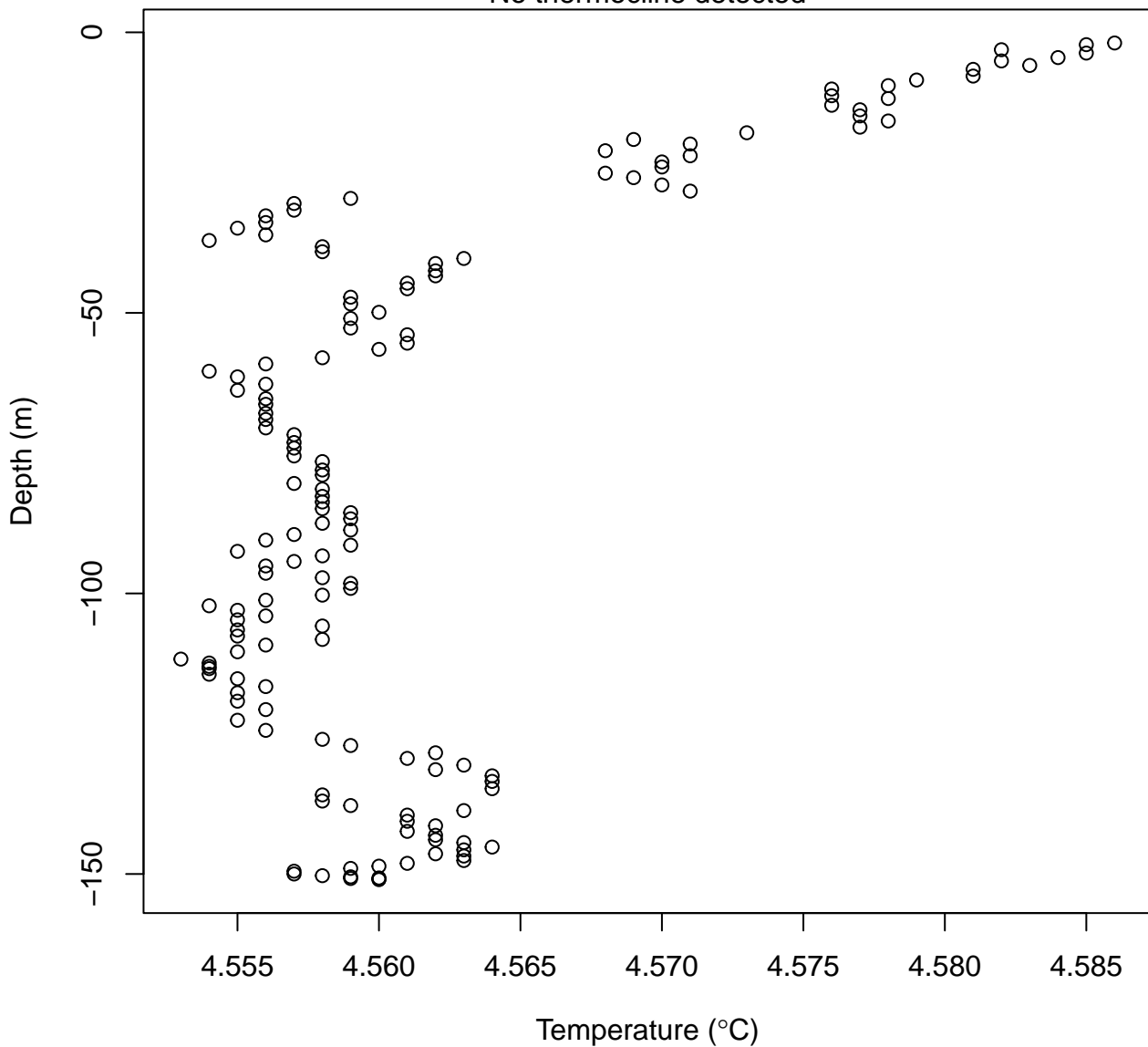
Vessel 148 Cruise 202201 Haul 70

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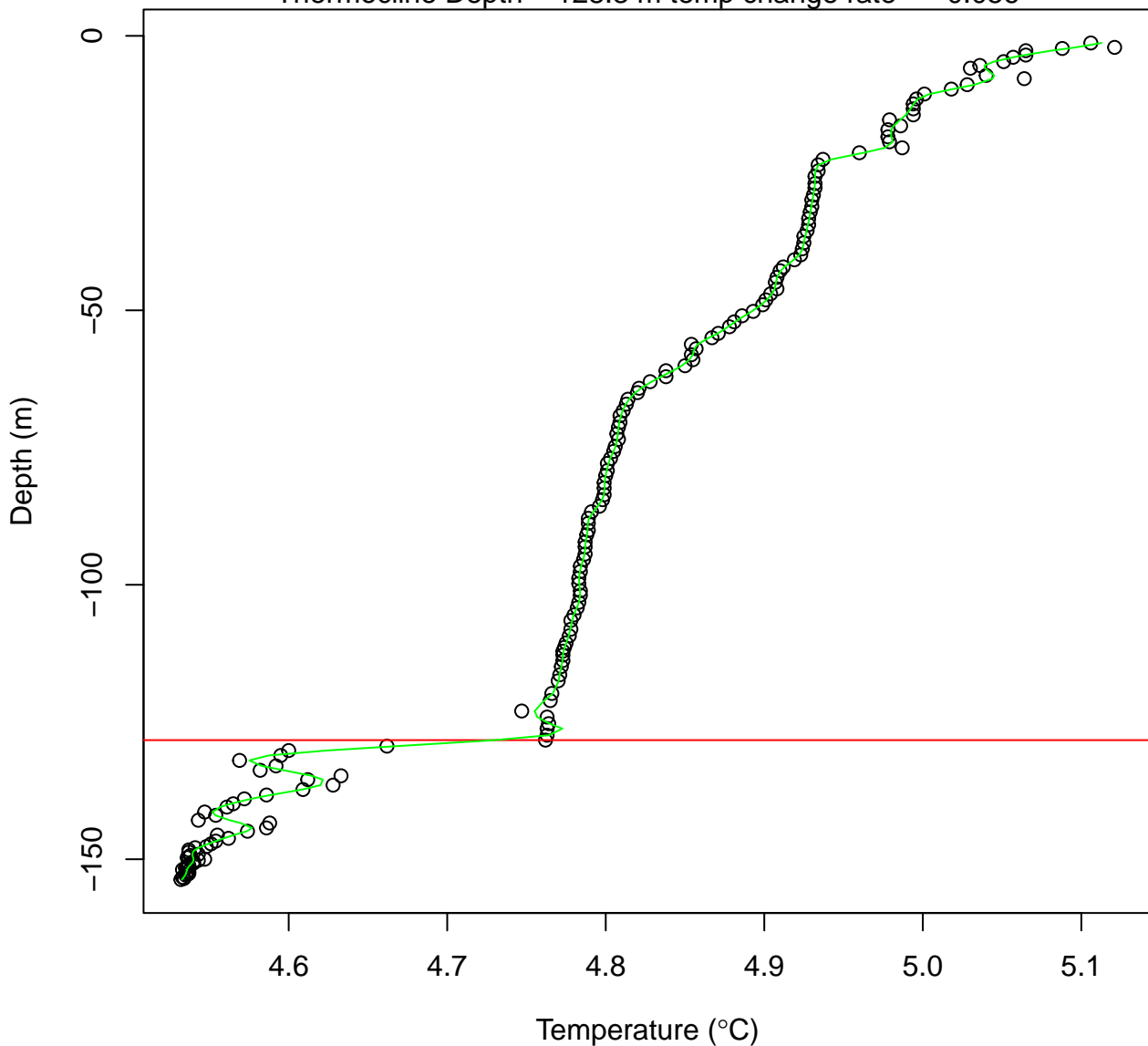
Vessel 148 Cruise 202201 Haul 71

No thermocline detected



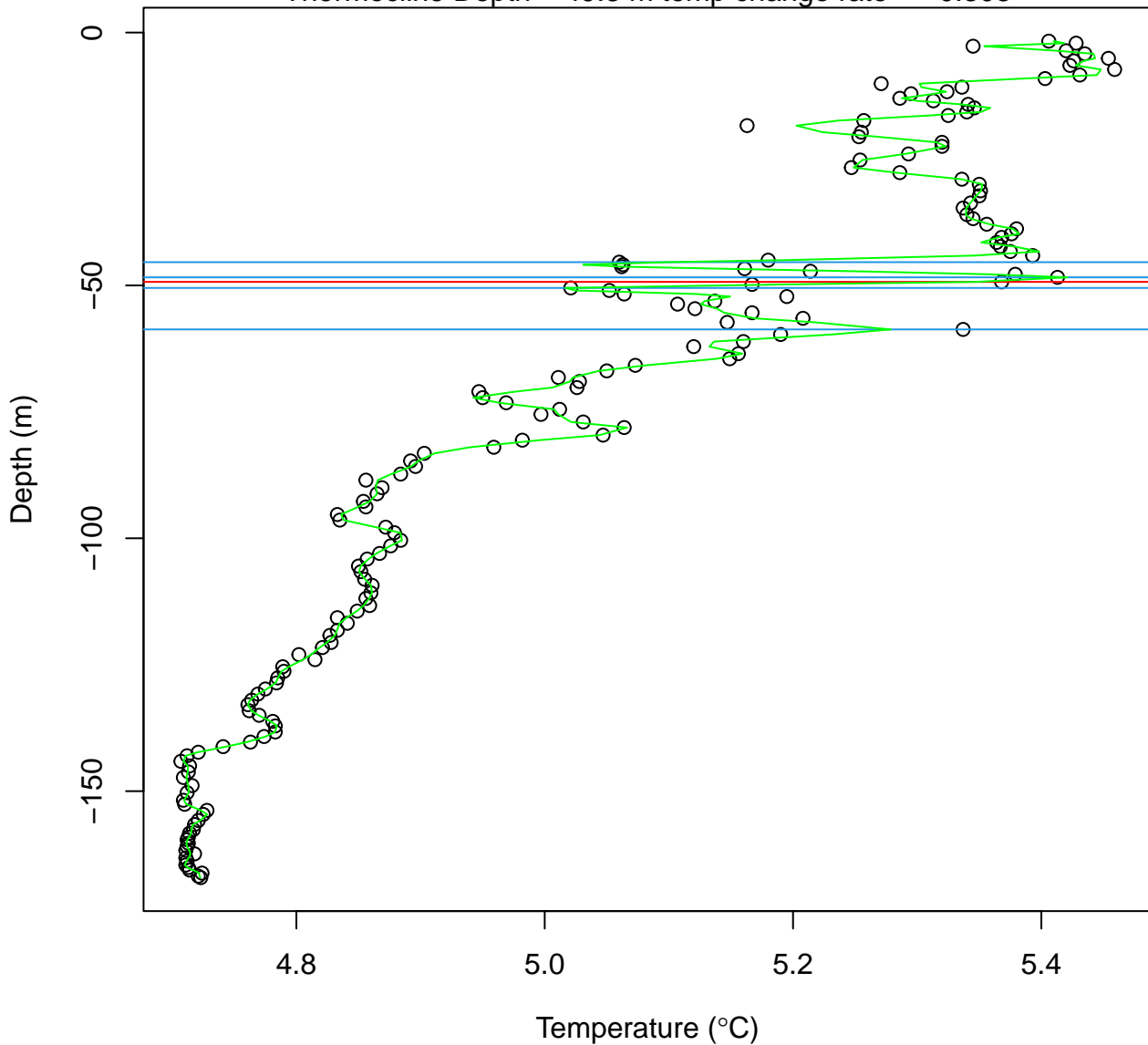
Vessel 148 Cruise 202201 Haul 72

Thermocline Depth = 128.3 m temp change rate = -0.056



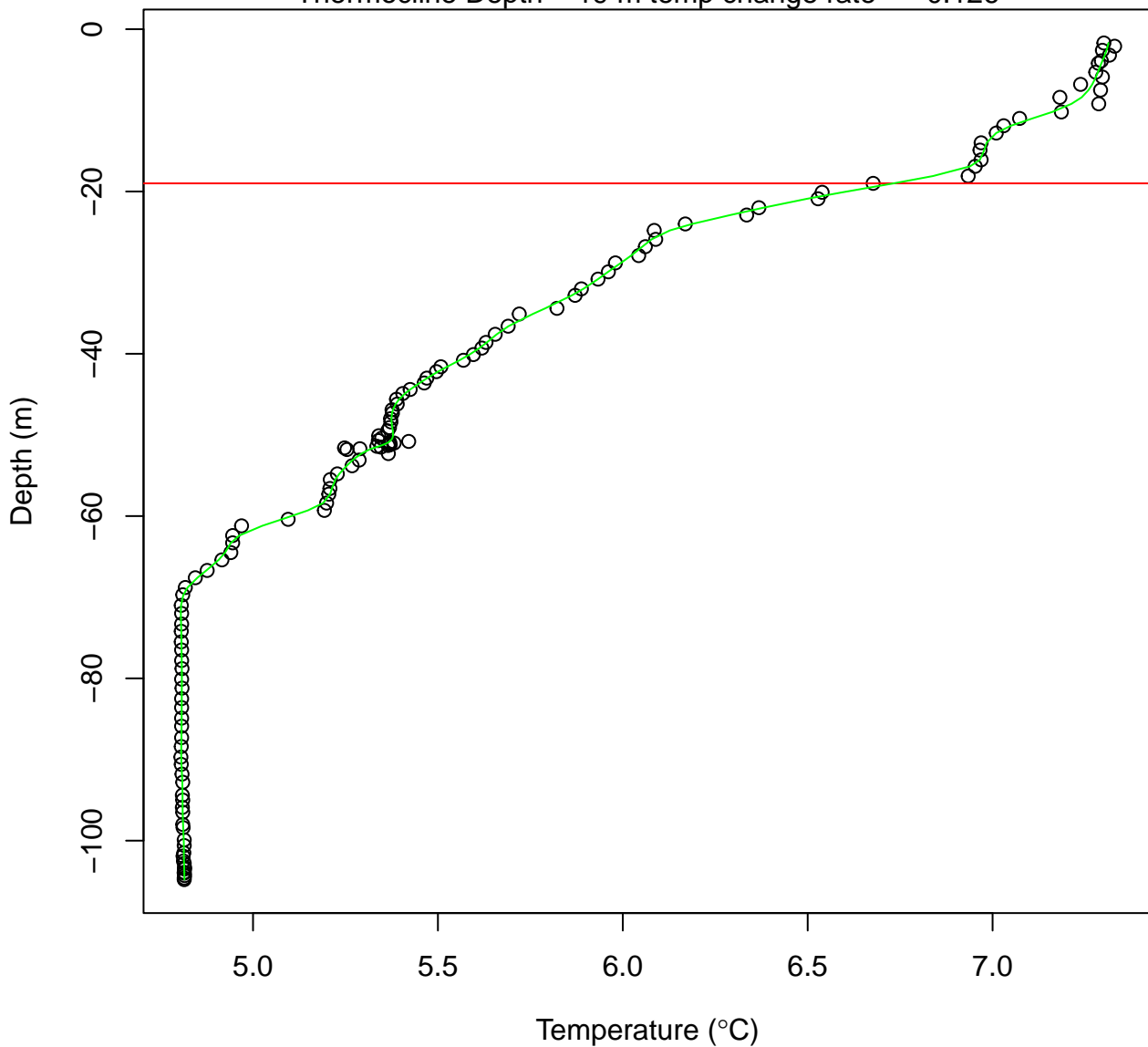
Vessel 148 Cruise 202201 Haul 73

Thermocline Depth = 49.3 m temp change rate = -0.303



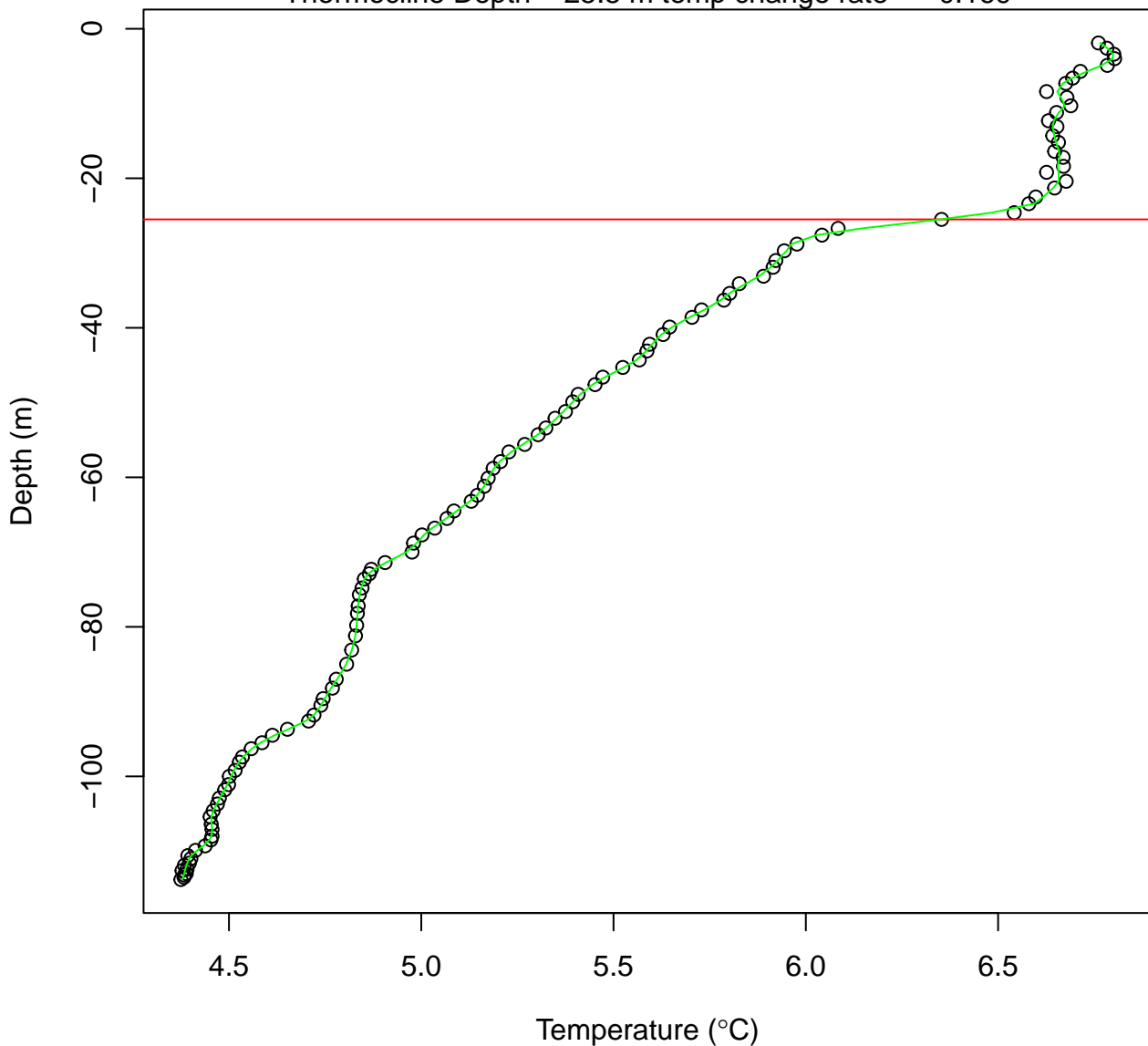
Vessel 148 Cruise 202201 Haul 74

Thermocline Depth = 19 m temp change rate = -0.126



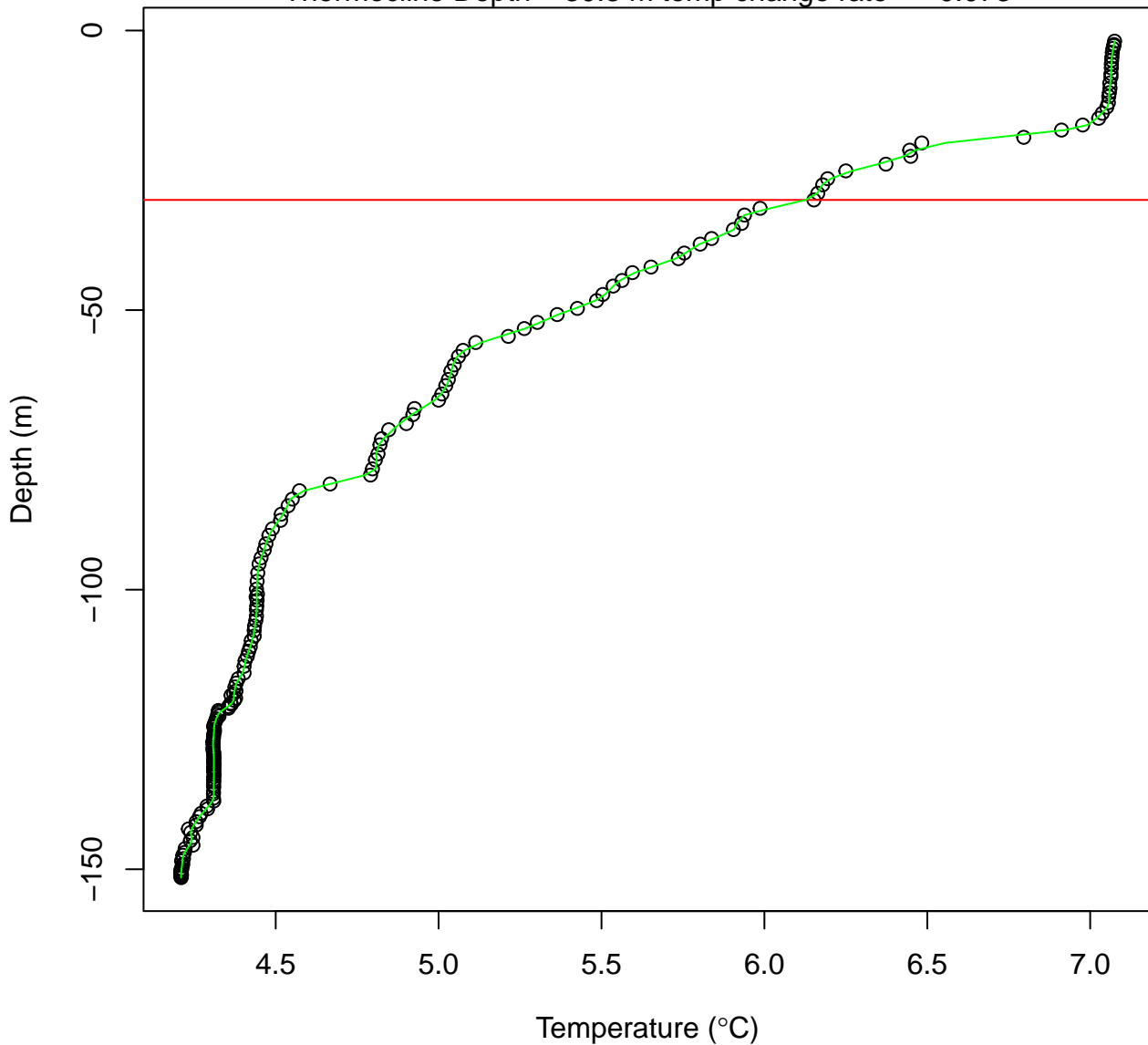
Vessel 148 Cruise 202201 Haul 75

Thermocline Depth = 25.5 m temp change rate = -0.169



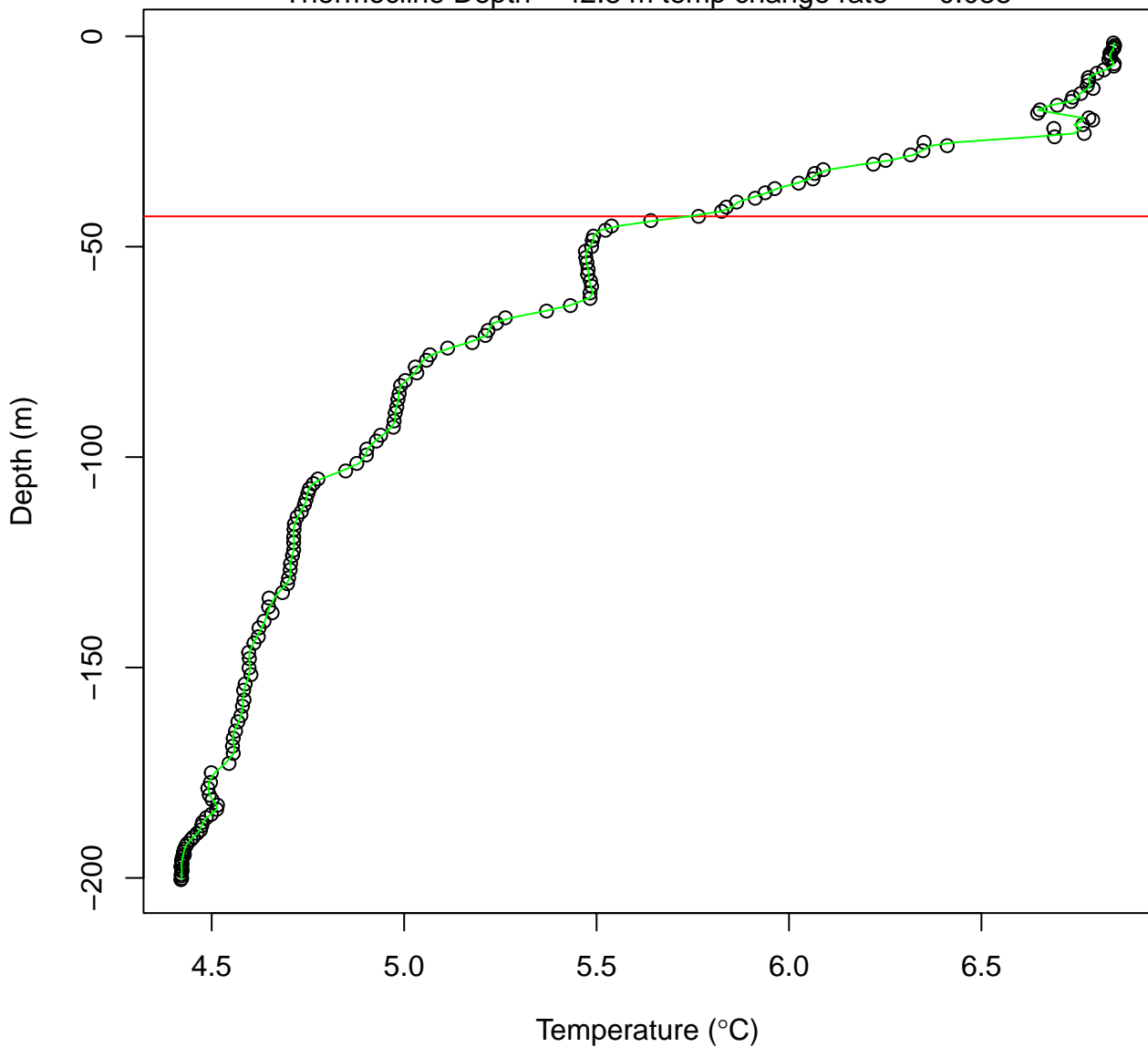
Vessel 148 Cruise 202201 Haul 76

Thermocline Depth = 30.3 m temp change rate = -0.073



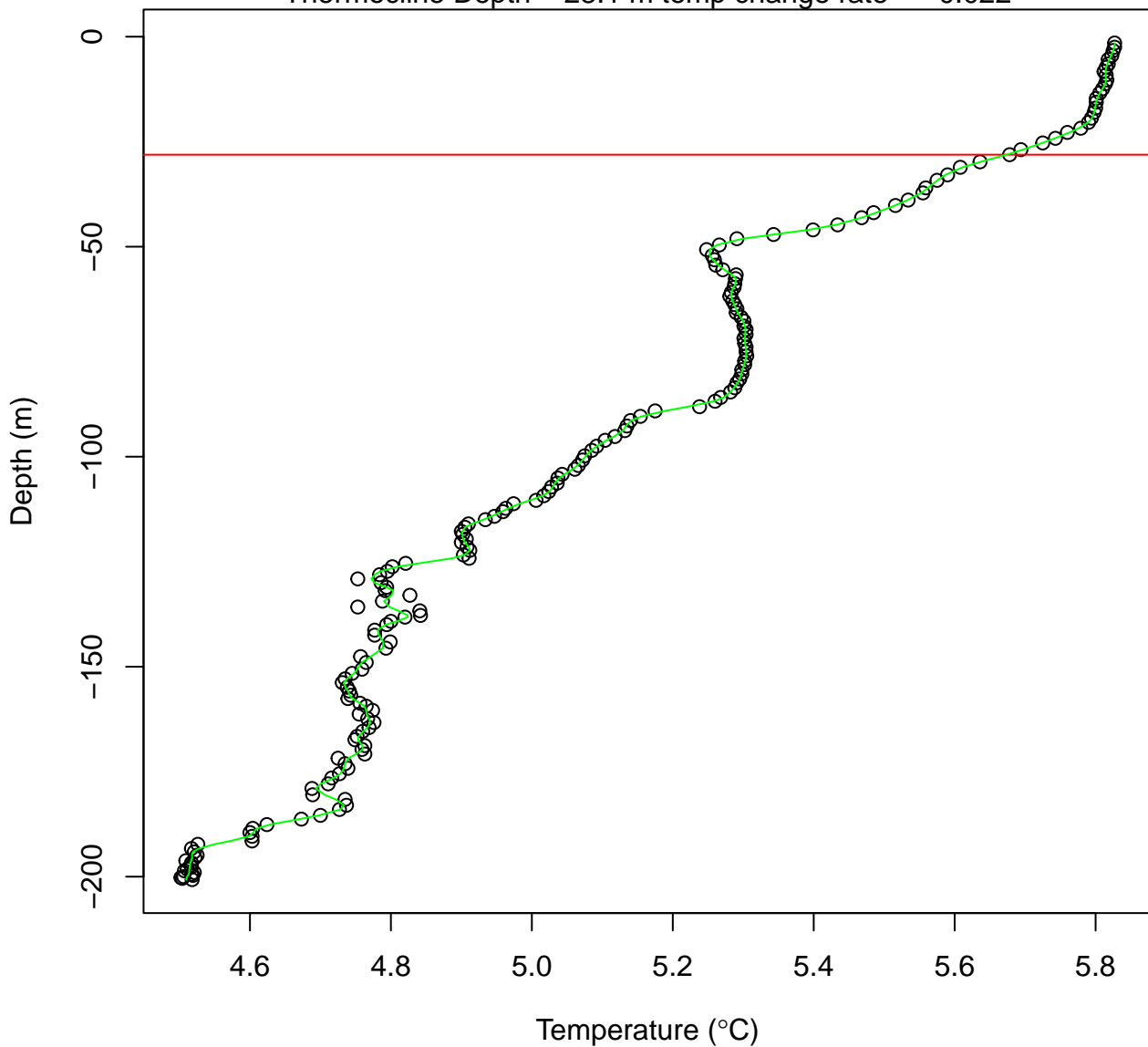
Vessel 148 Cruise 202201 Haul 77

Thermocline Depth = 42.8 m temp change rate = -0.088



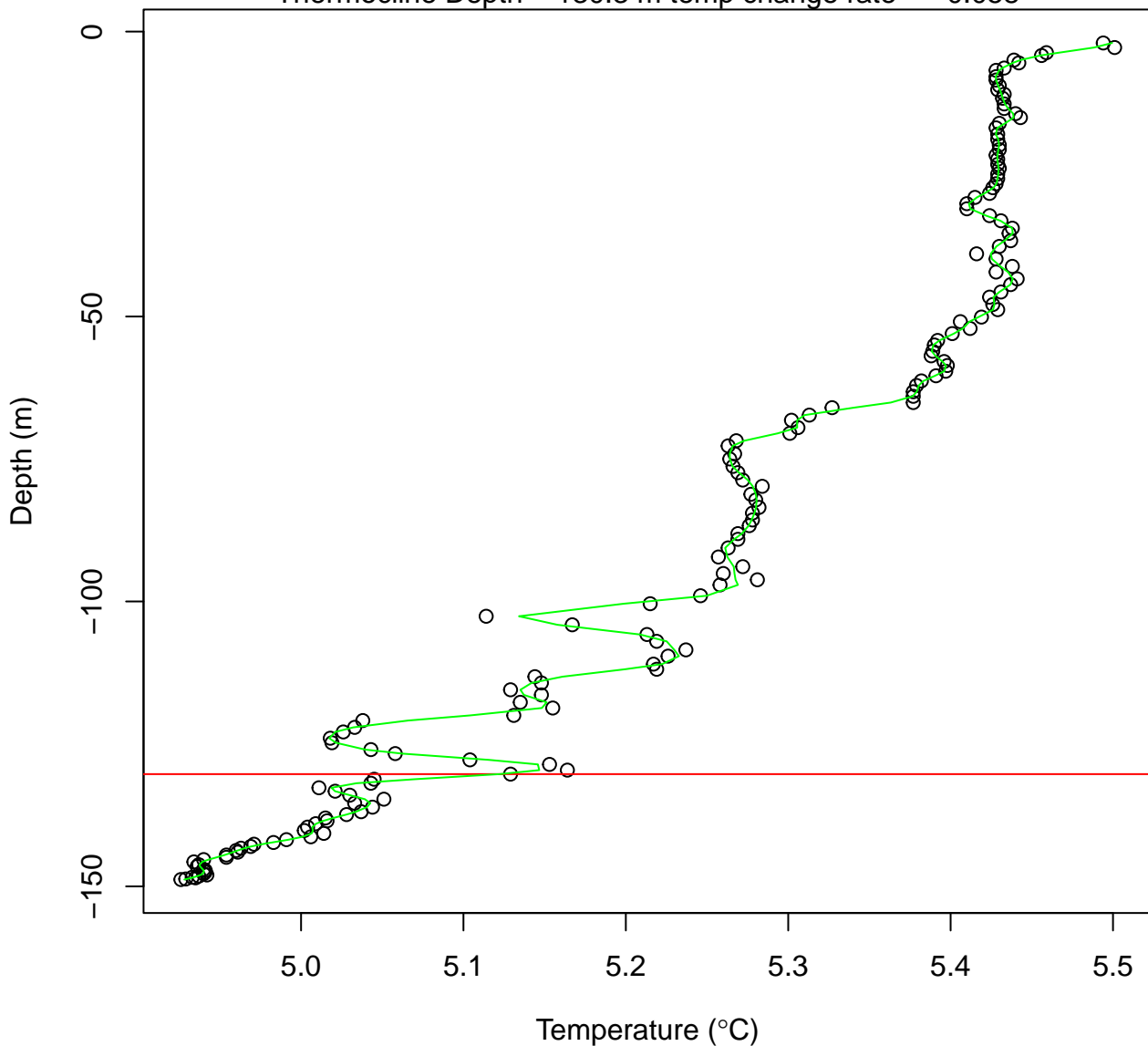
Vessel 148 Cruise 202201 Haul 78

Thermocline Depth = 28.1 m temp change rate = -0.022



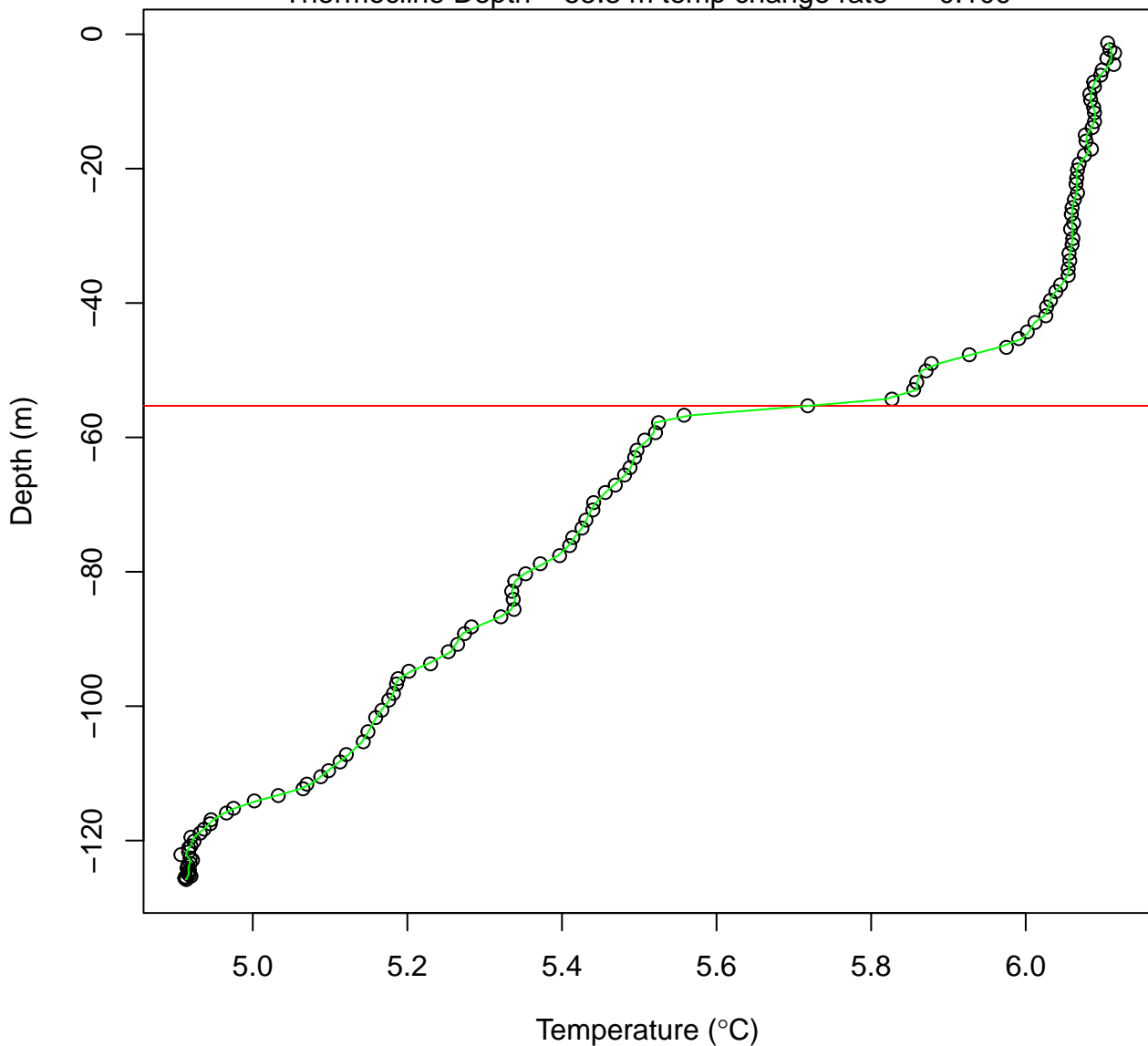
Vessel 148 Cruise 202201 Haul 79

Thermocline Depth = 130.3 m temp change rate = -0.058



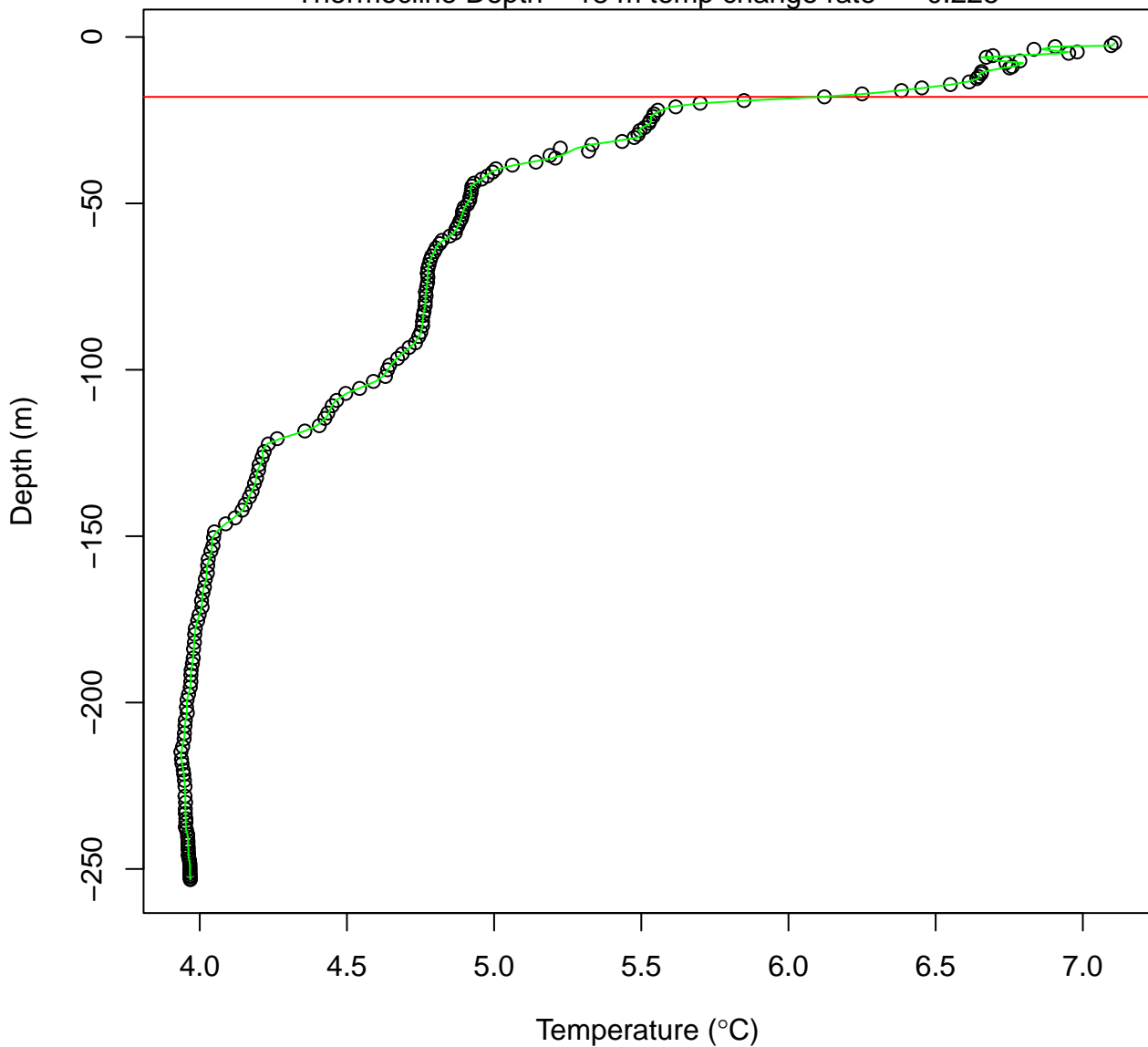
Vessel 148 Cruise 202201 Haul 80

Thermocline Depth = 55.3 m temp change rate = -0.109



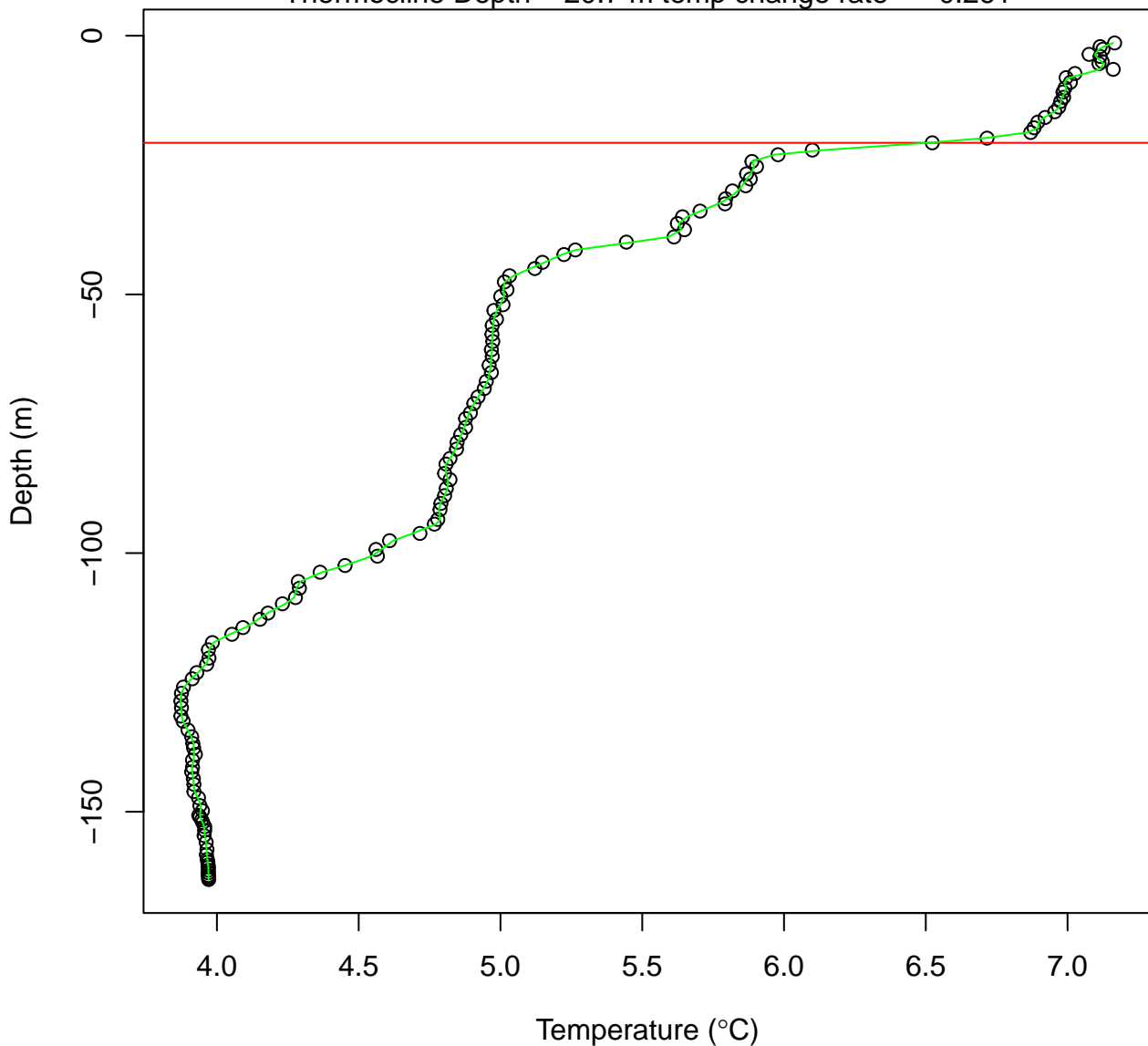
Vessel 148 Cruise 202201 Haul 81

Thermocline Depth = 18 m temp change rate = -0.225



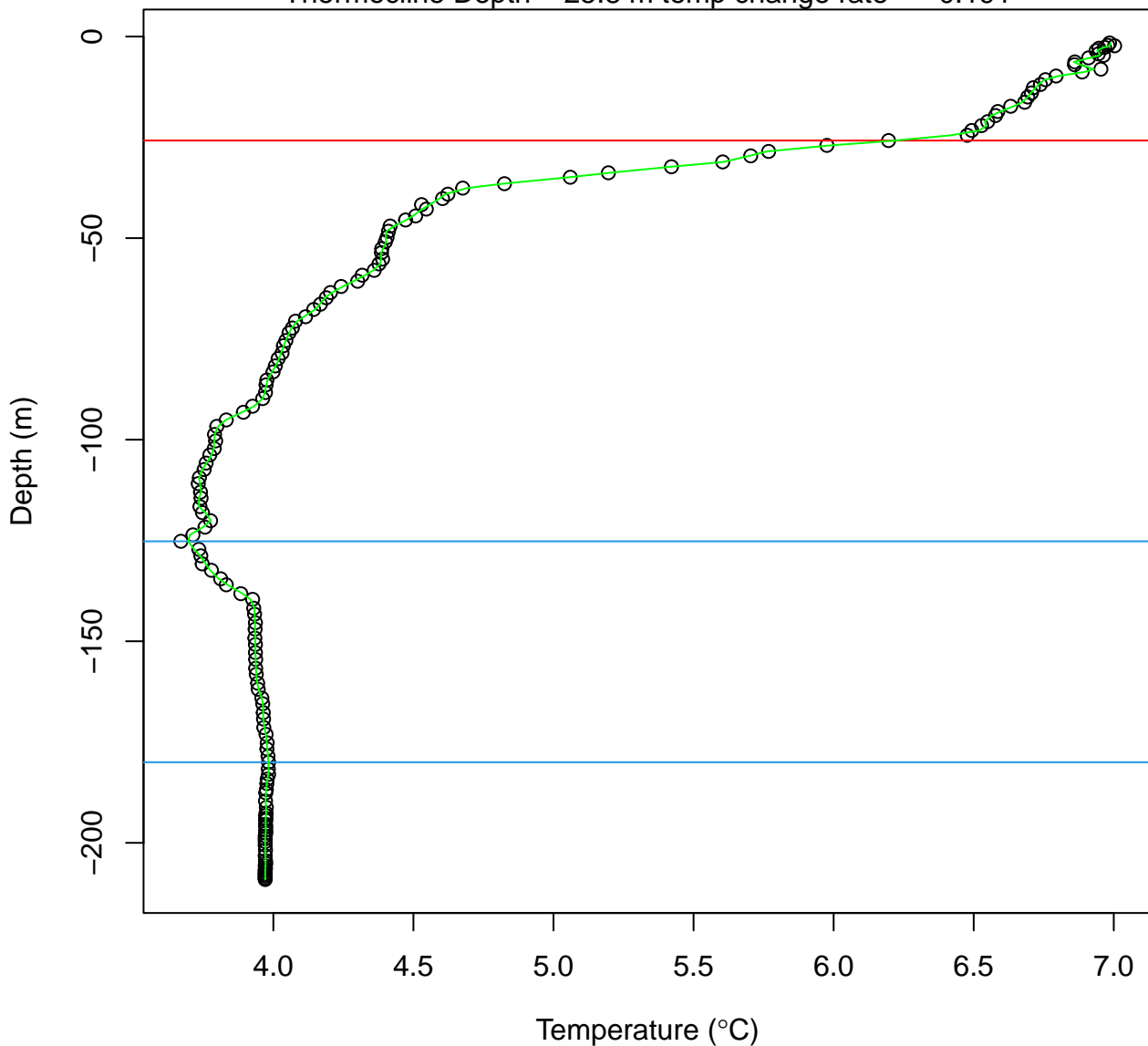
Vessel 148 Cruise 202201 Haul 82

Thermocline Depth = 20.7 m temp change rate = -0.261



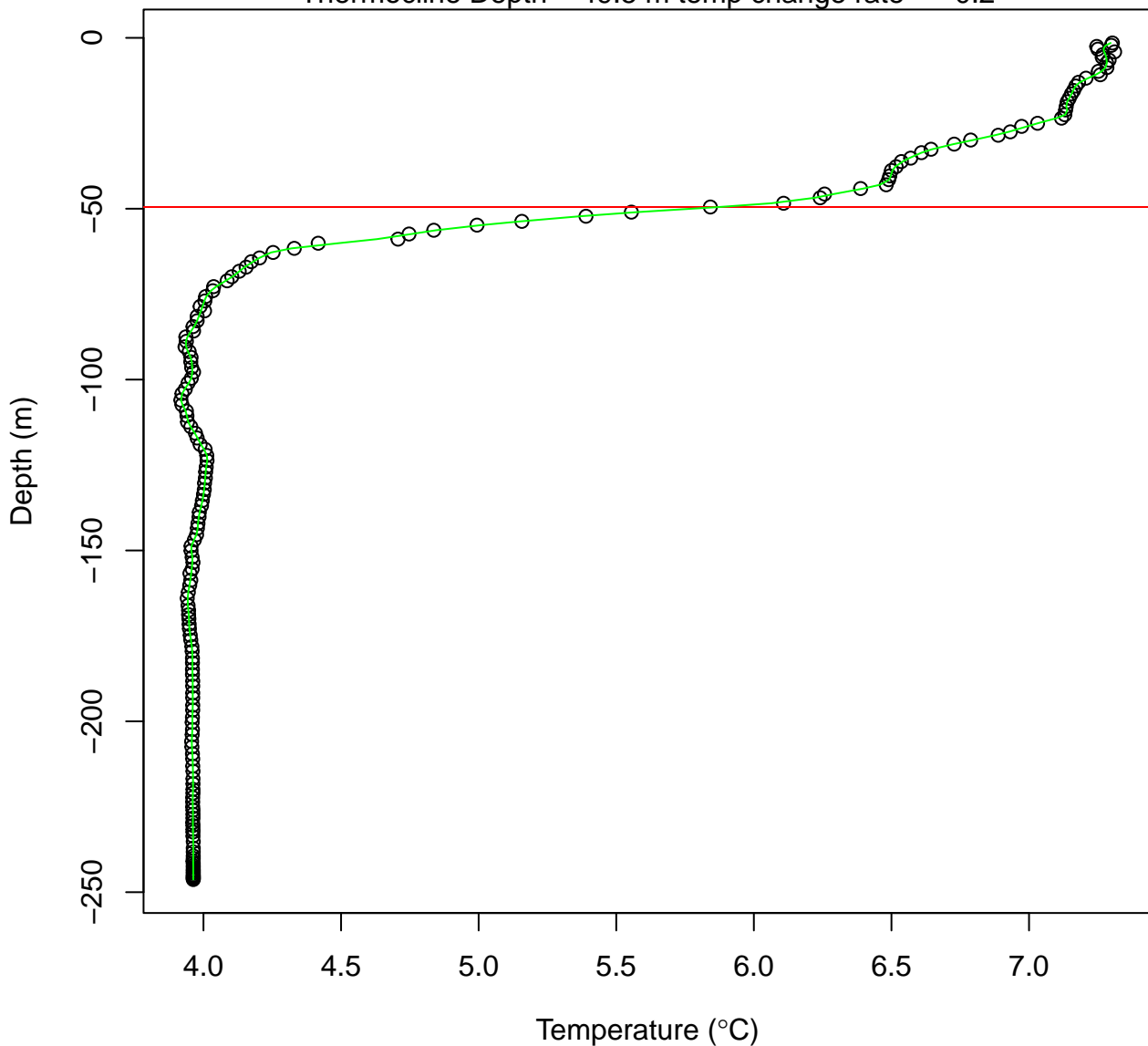
Vessel 148 Cruise 202201 Haul 83

Thermocline Depth = 25.8 m temp change rate = -0.191



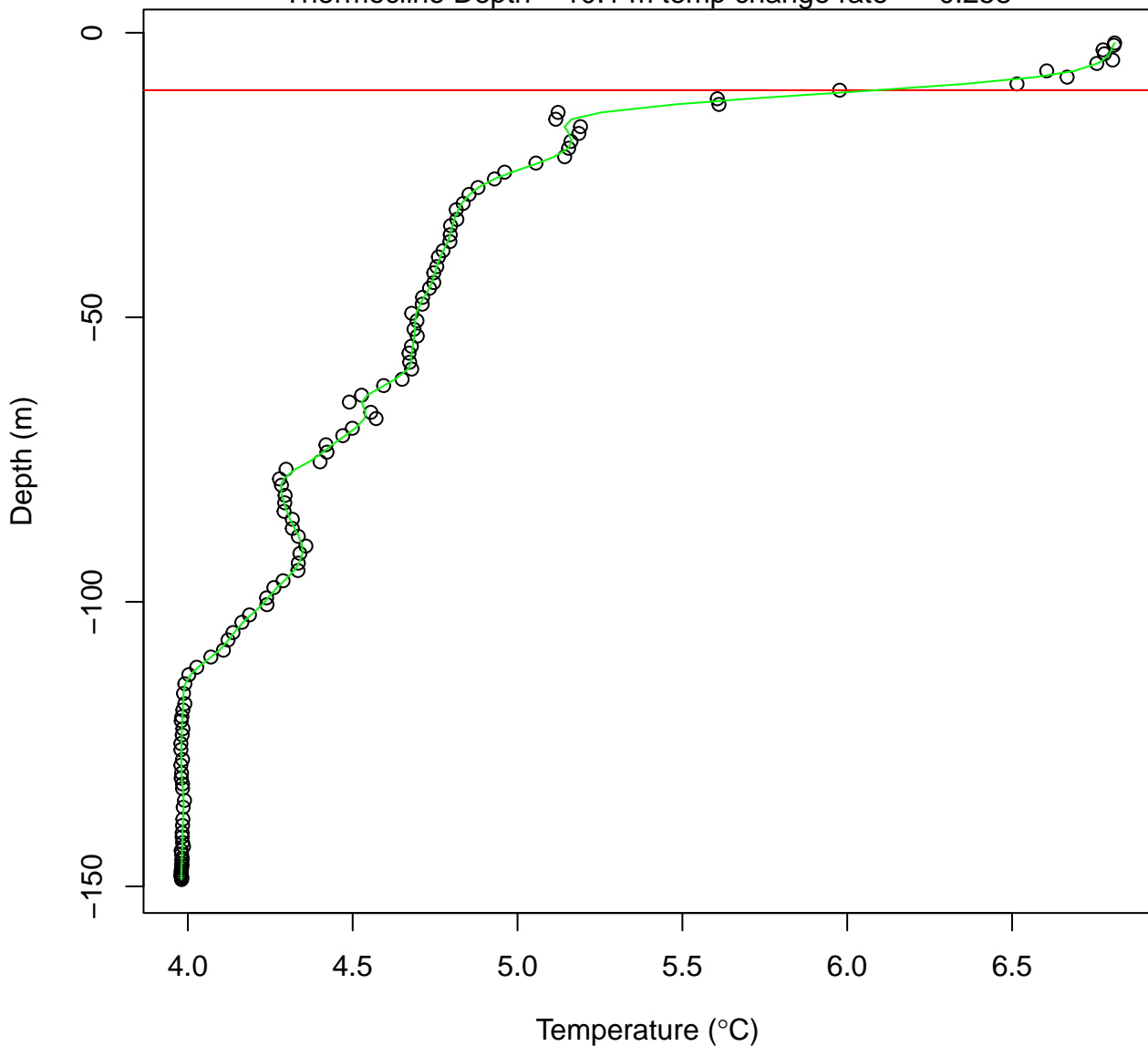
Vessel 148 Cruise 202201 Haul 84

Thermocline Depth = 49.5 m temp change rate = -0.2



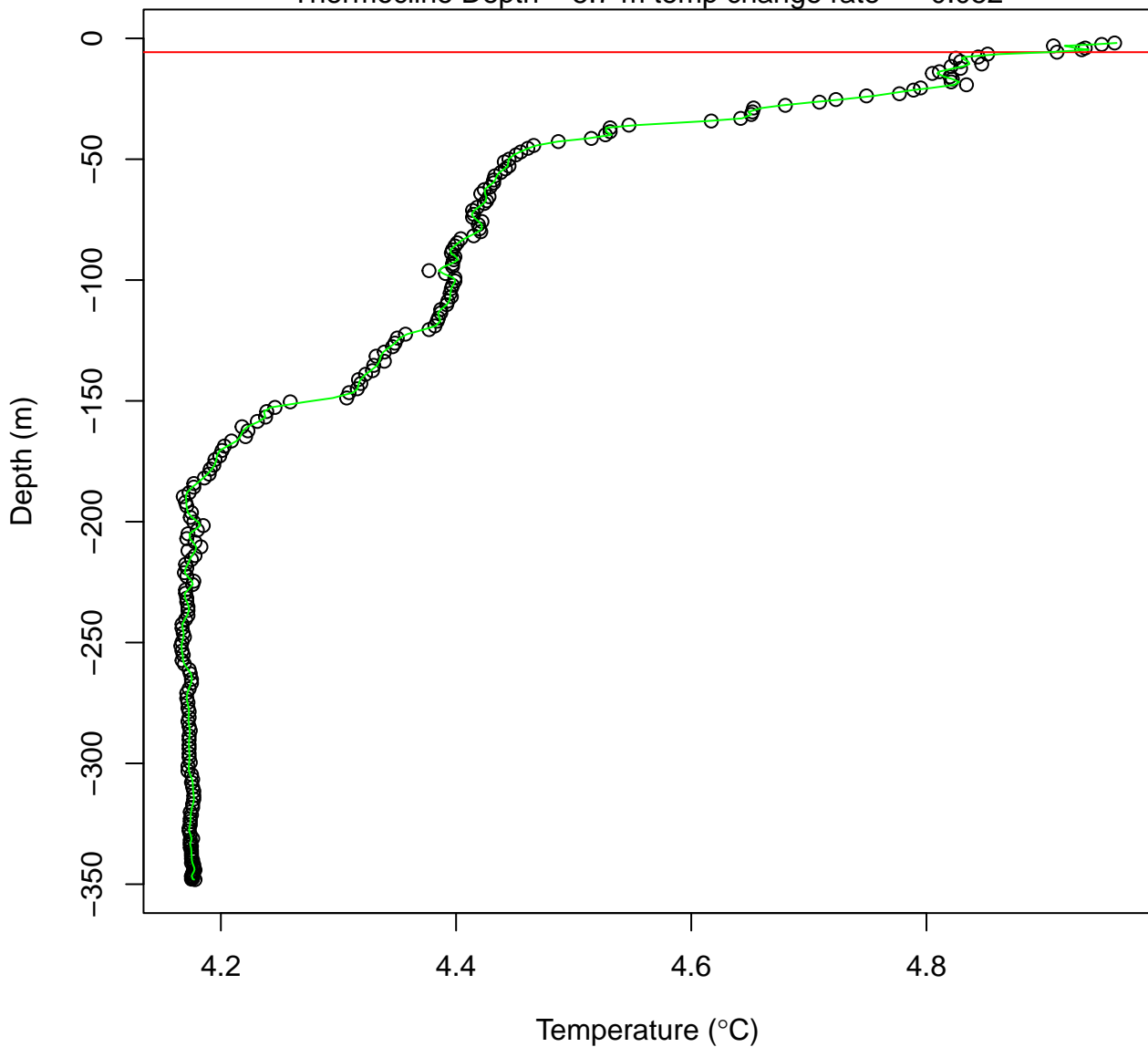
Vessel 148 Cruise 202201 Haul 85

Thermocline Depth = 10.1 m temp change rate = -0.258



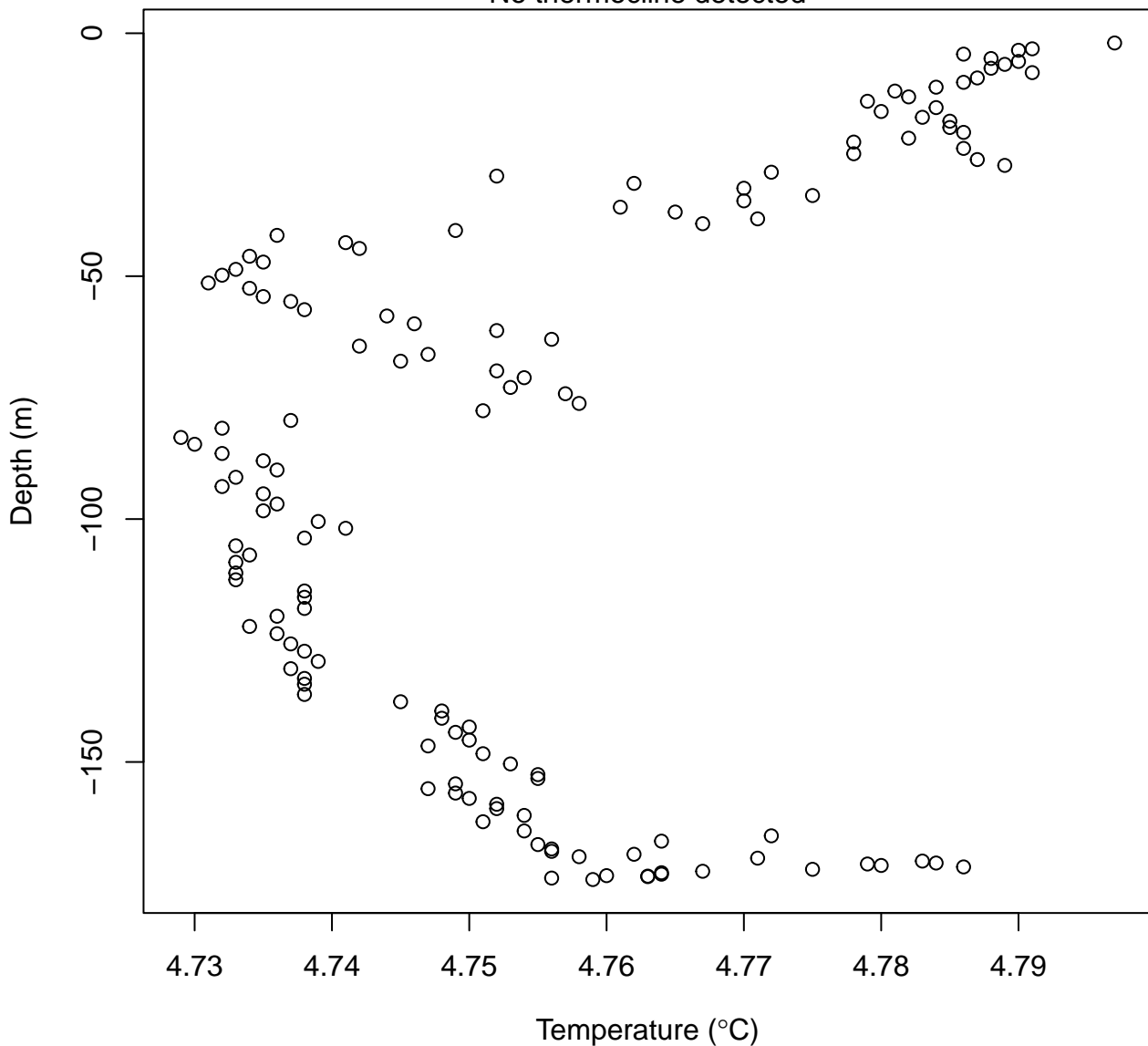
Vessel 148 Cruise 202201 Haul 86

Thermocline Depth = 5.7 m temp change rate = -0.052



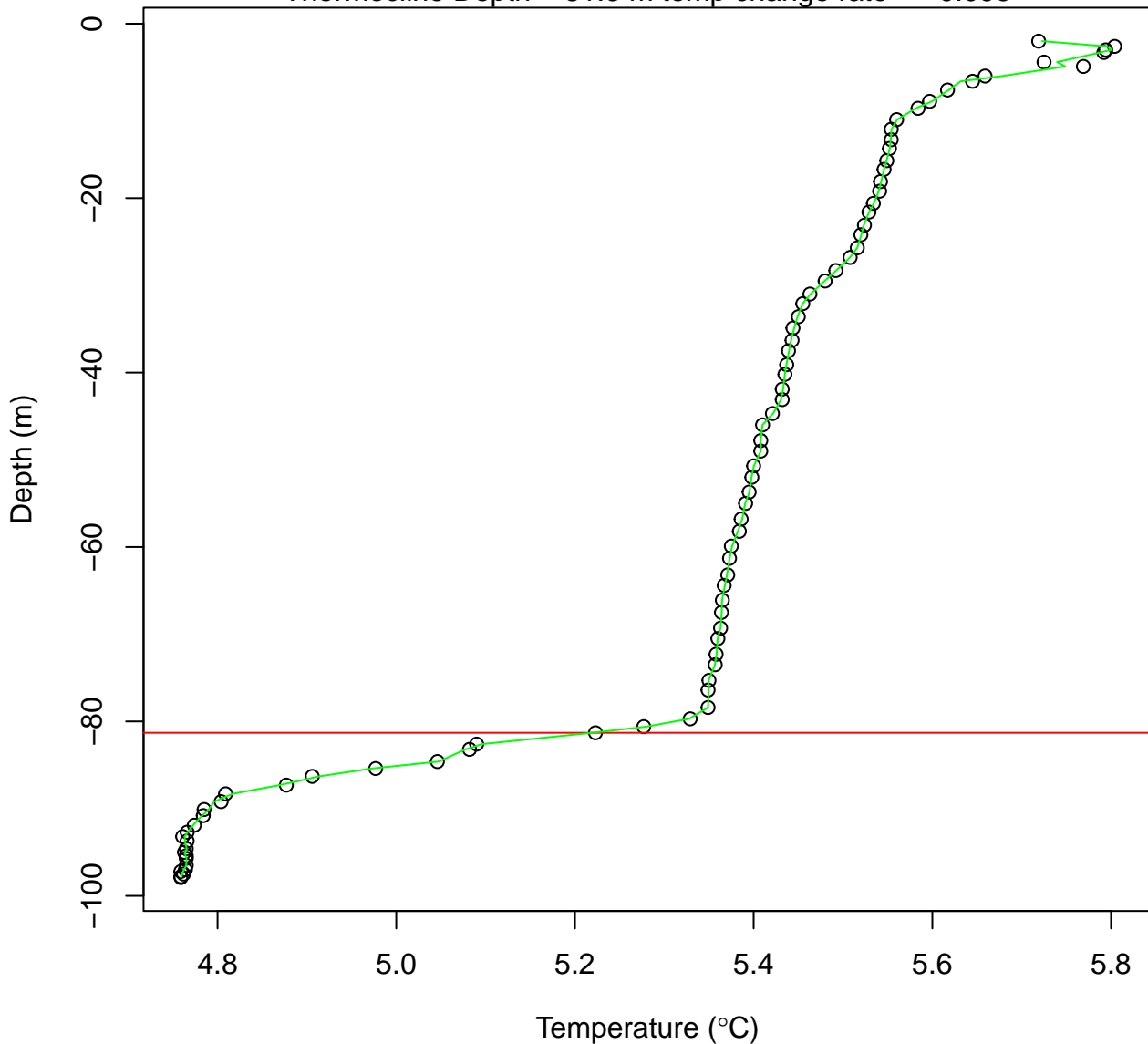
Vessel 148 Cruise 202201 Haul 87

No thermocline detected



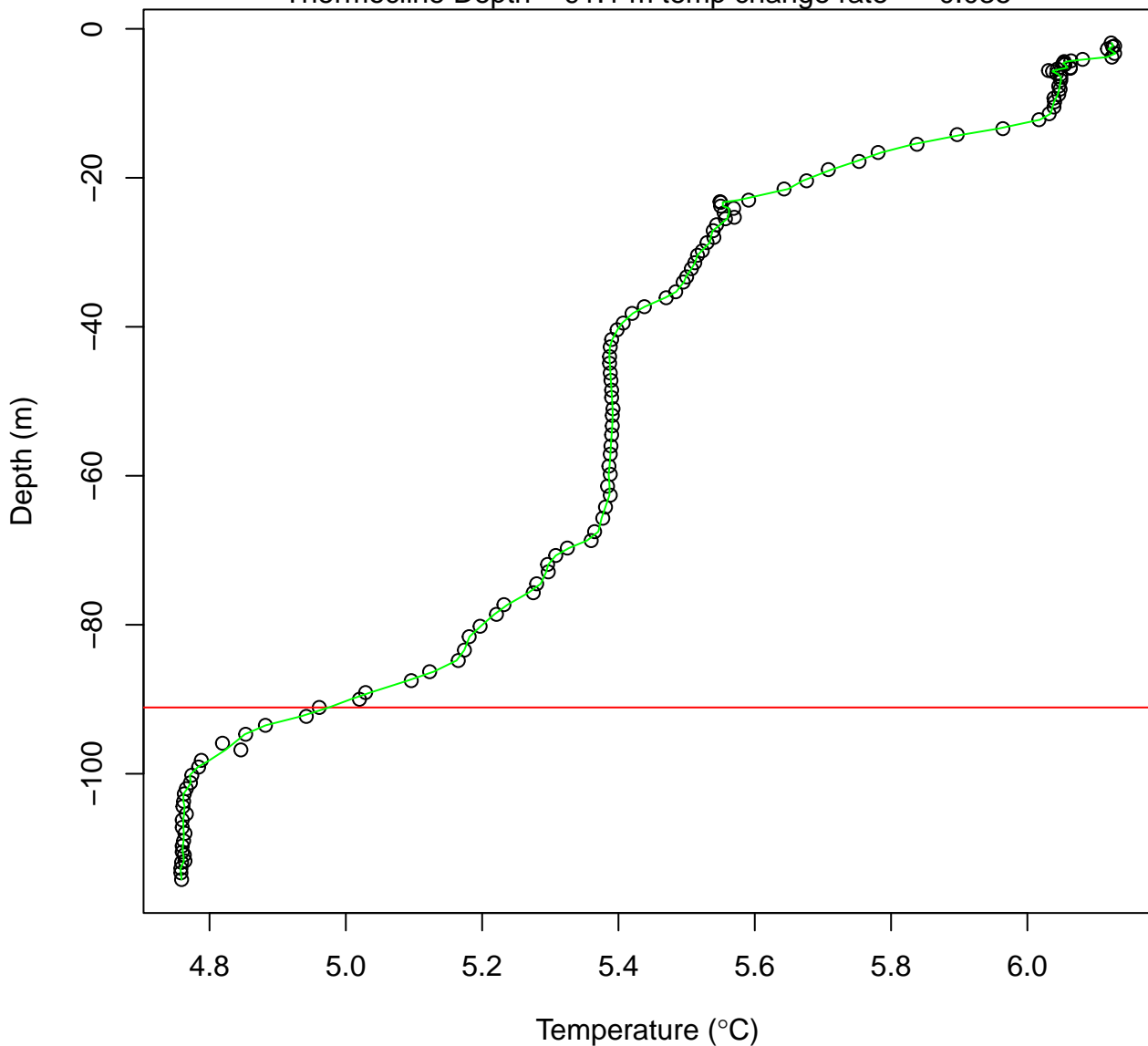
Vessel 148 Cruise 202201 Haul 88

Thermocline Depth = 81.3 m temp change rate = -0.095



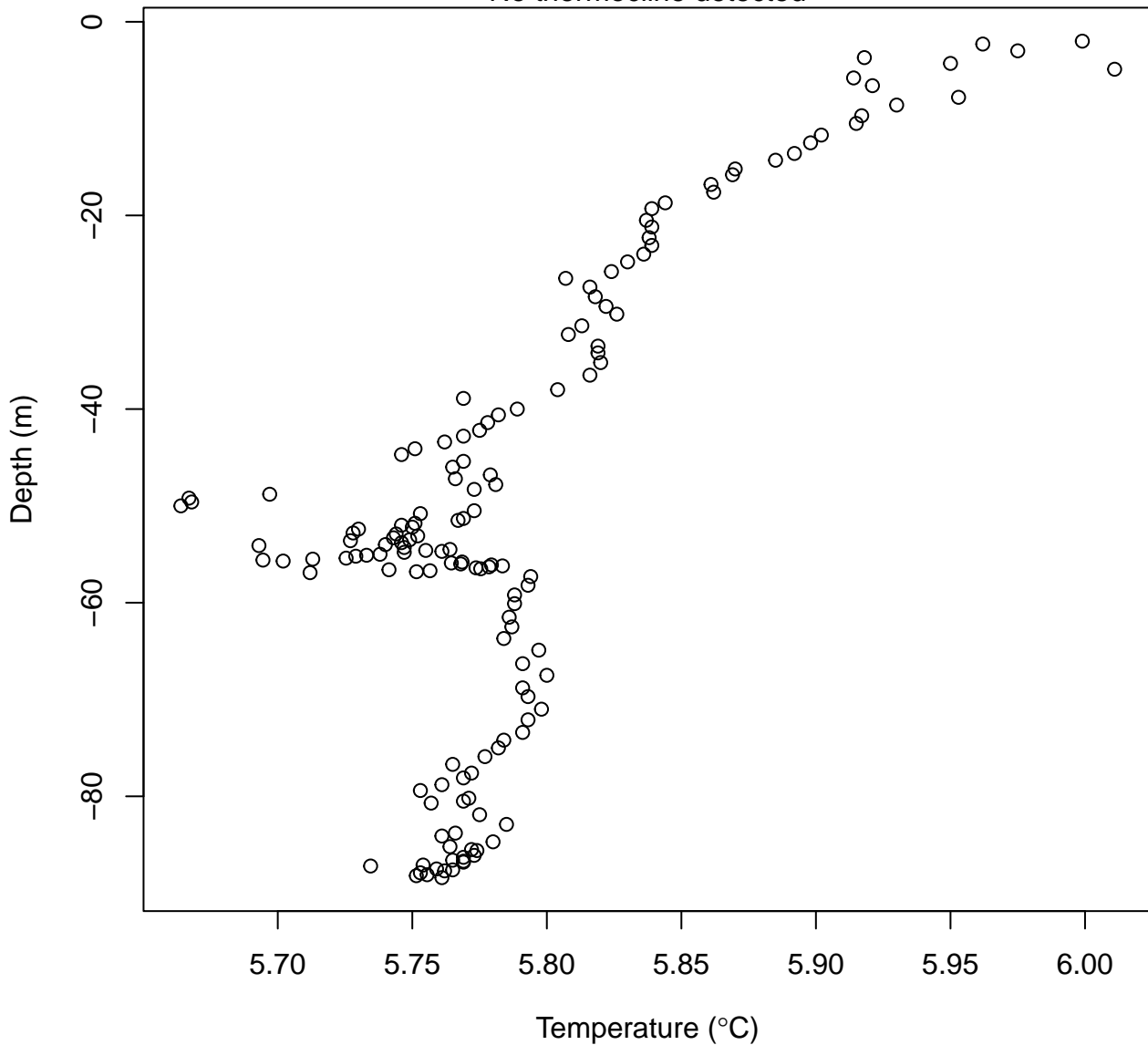
Vessel 148 Cruise 202201 Haul 89

Thermocline Depth = 91.1 m temp change rate = -0.035



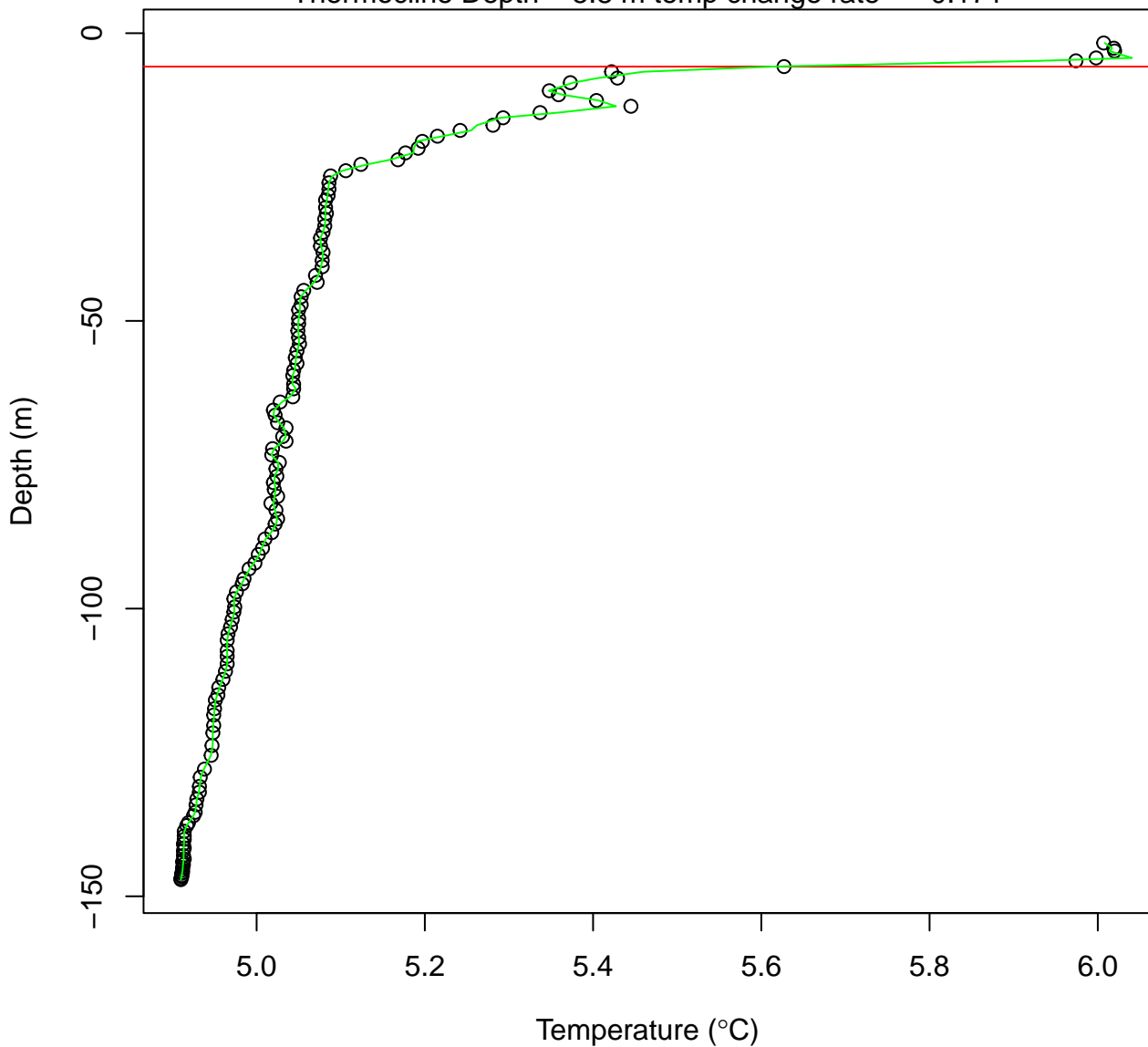
Vessel 148 Cruise 202201 Haul 90

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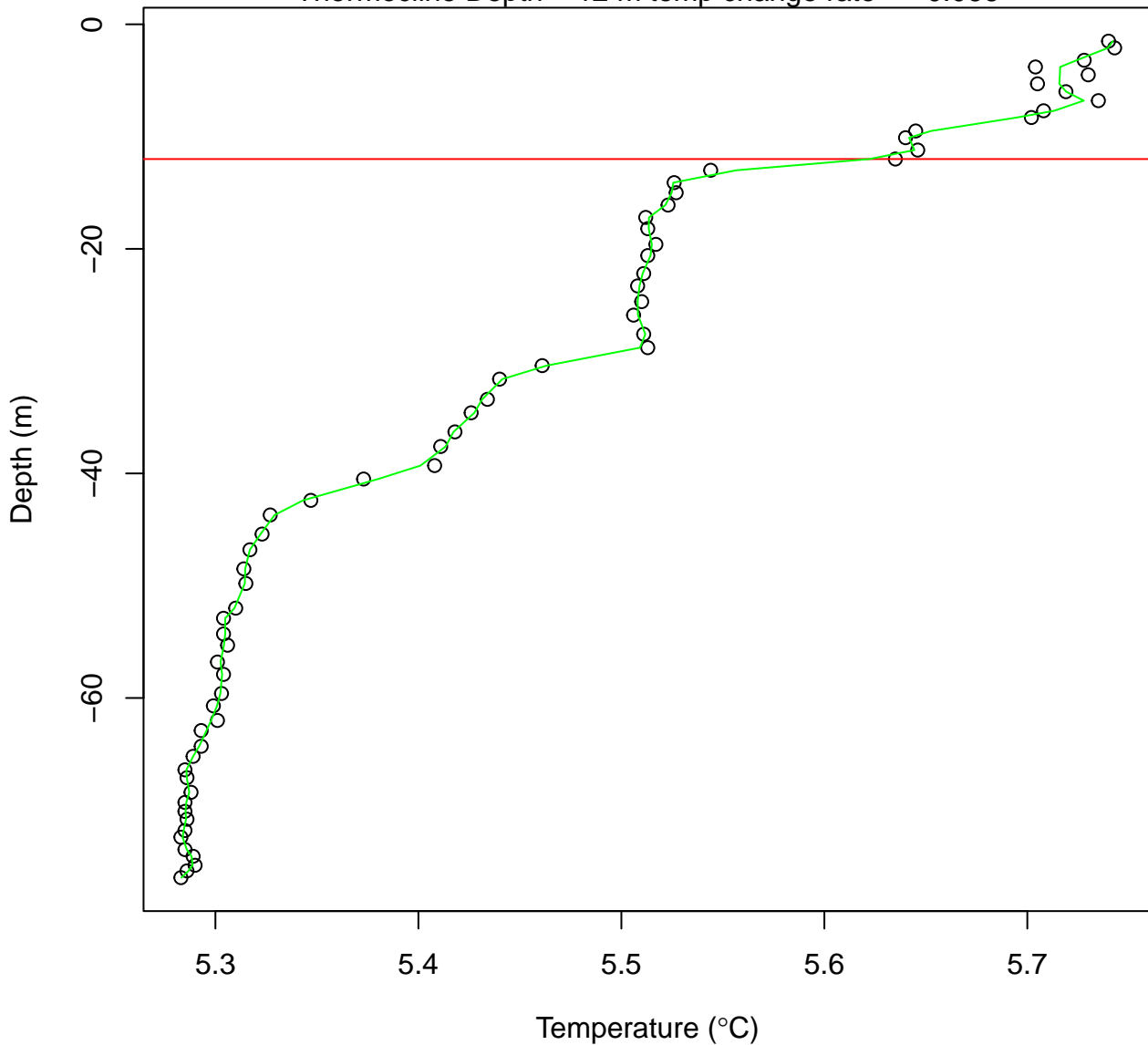
Vessel 148 Cruise 202201 Haul 91

Thermocline Depth = 5.8 m temp change rate = -0.171



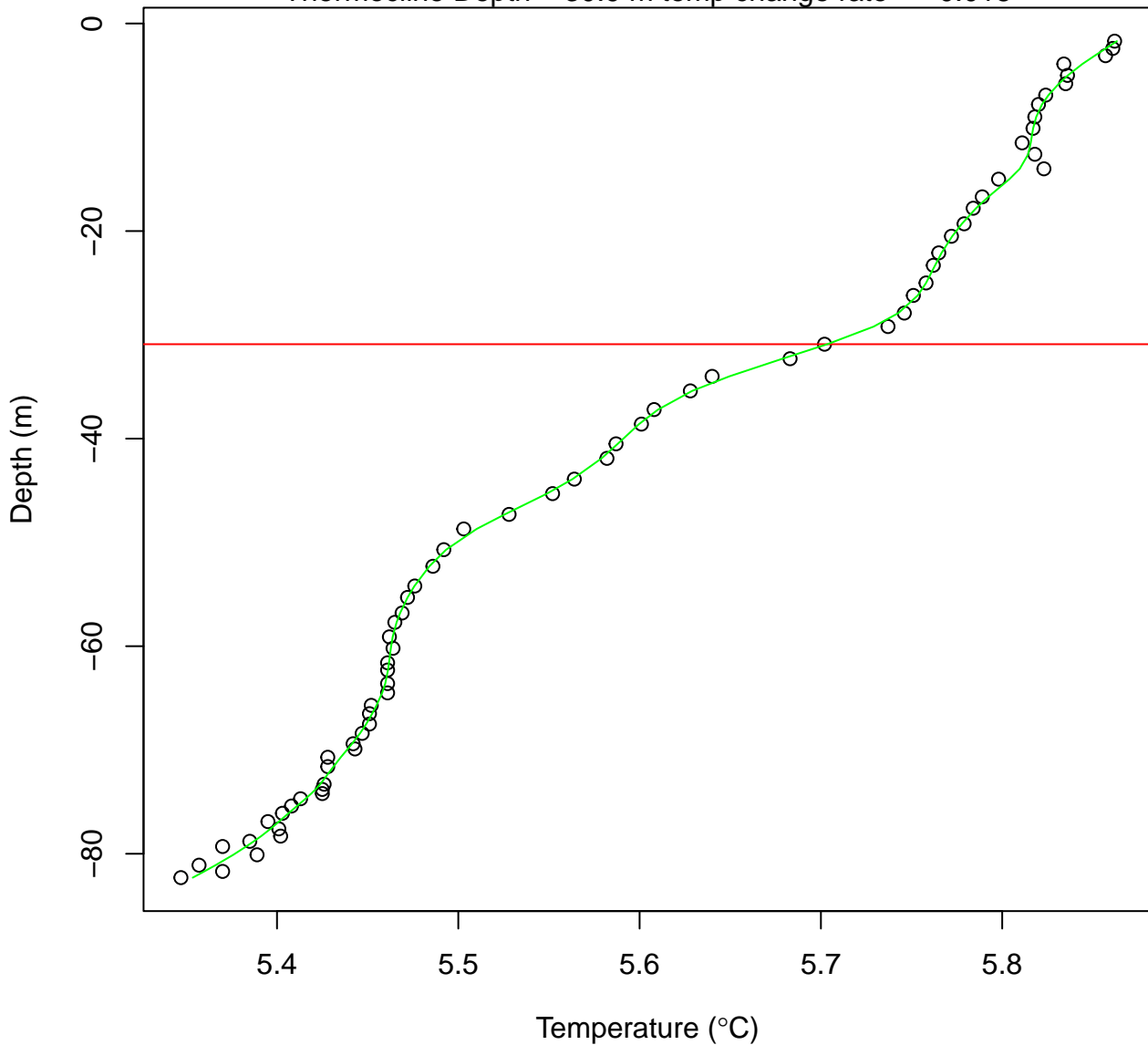
Vessel 148 Cruise 202201 Haul 92

Thermocline Depth = 12 m temp change rate = -0.066



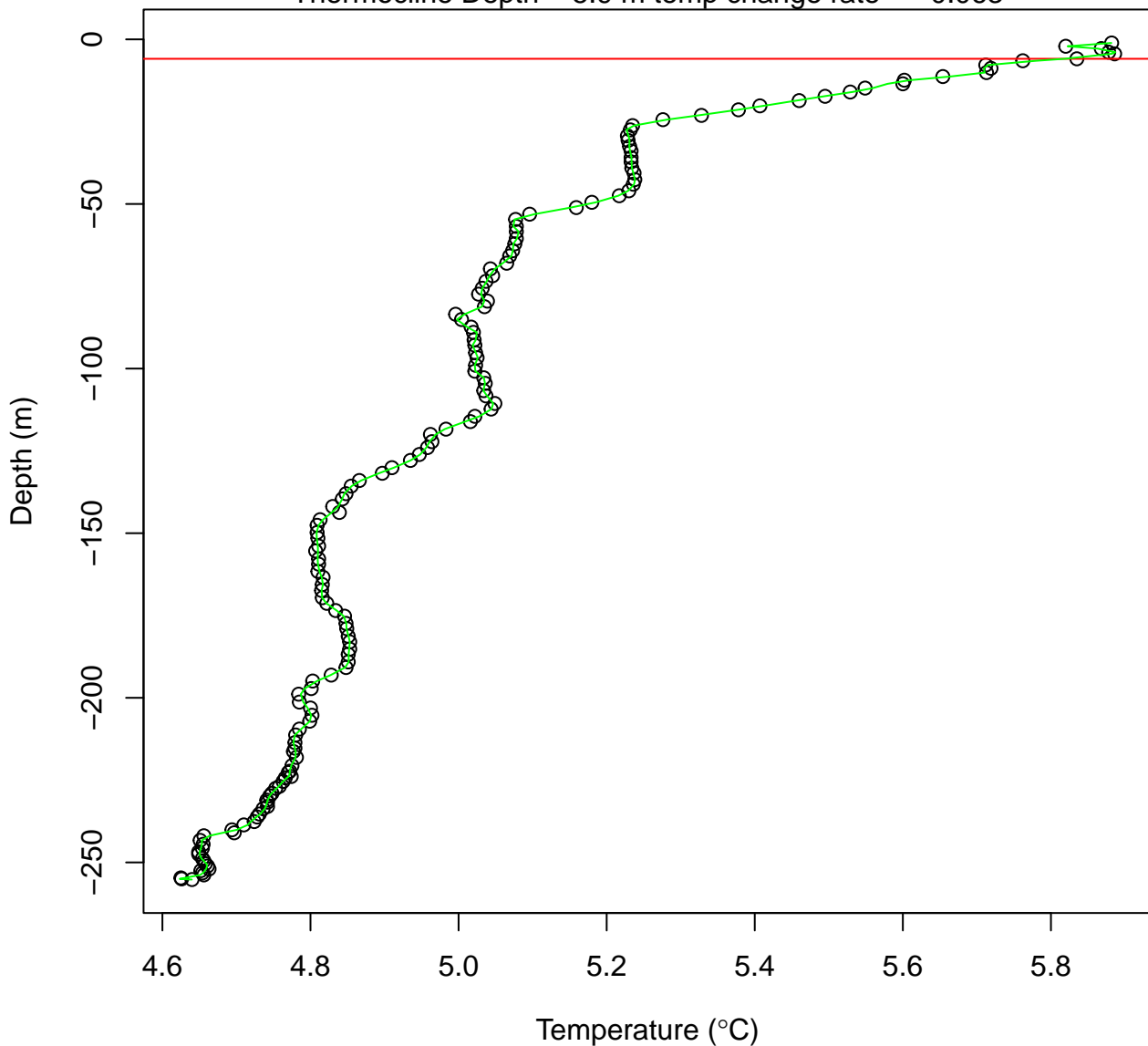
Vessel 148 Cruise 202201 Haul 93

Thermocline Depth = 30.9 m temp change rate = -0.018



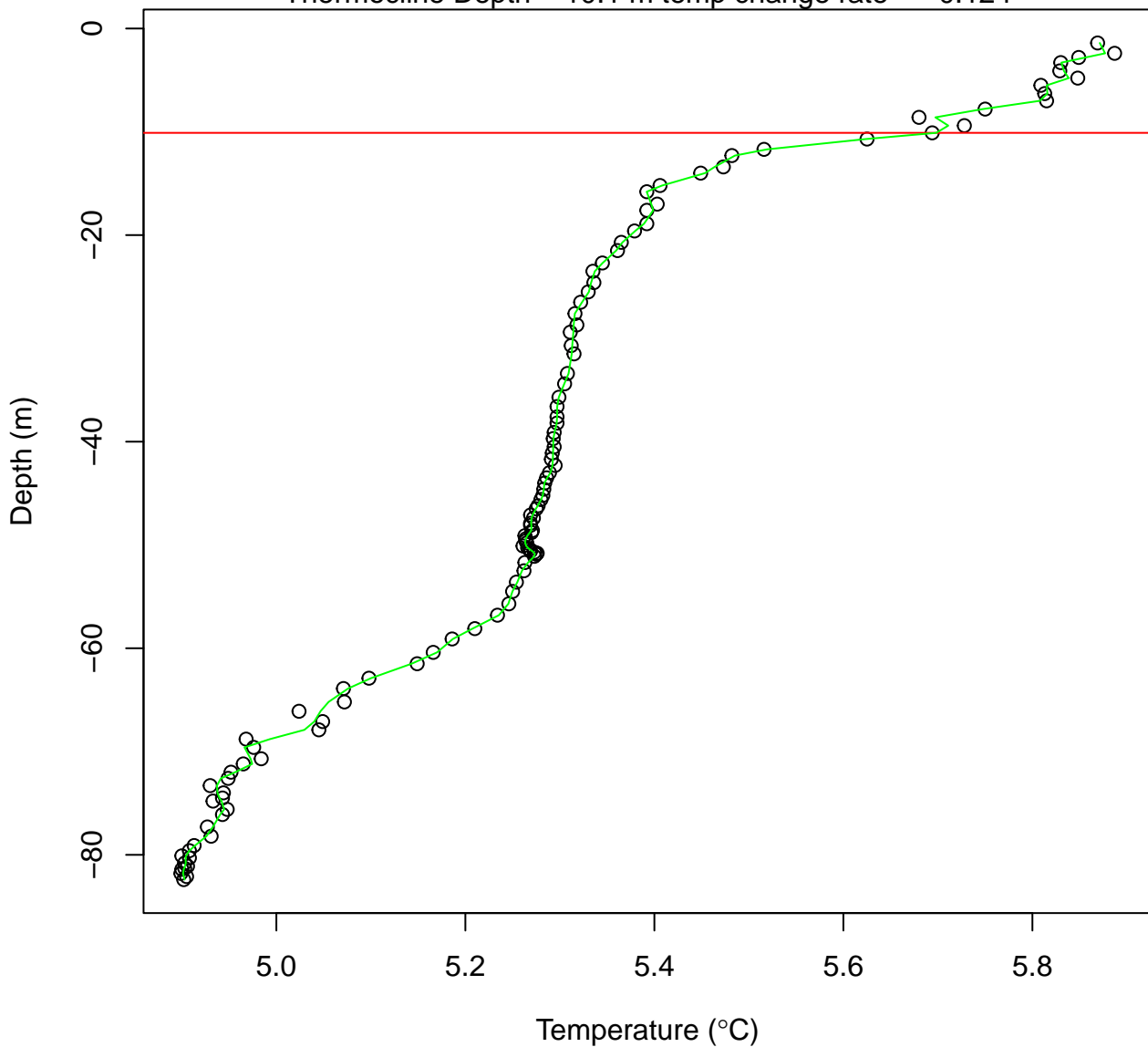
Vessel 148 Cruise 202201 Haul 94

Thermocline Depth = 5.9 m temp change rate = -0.063



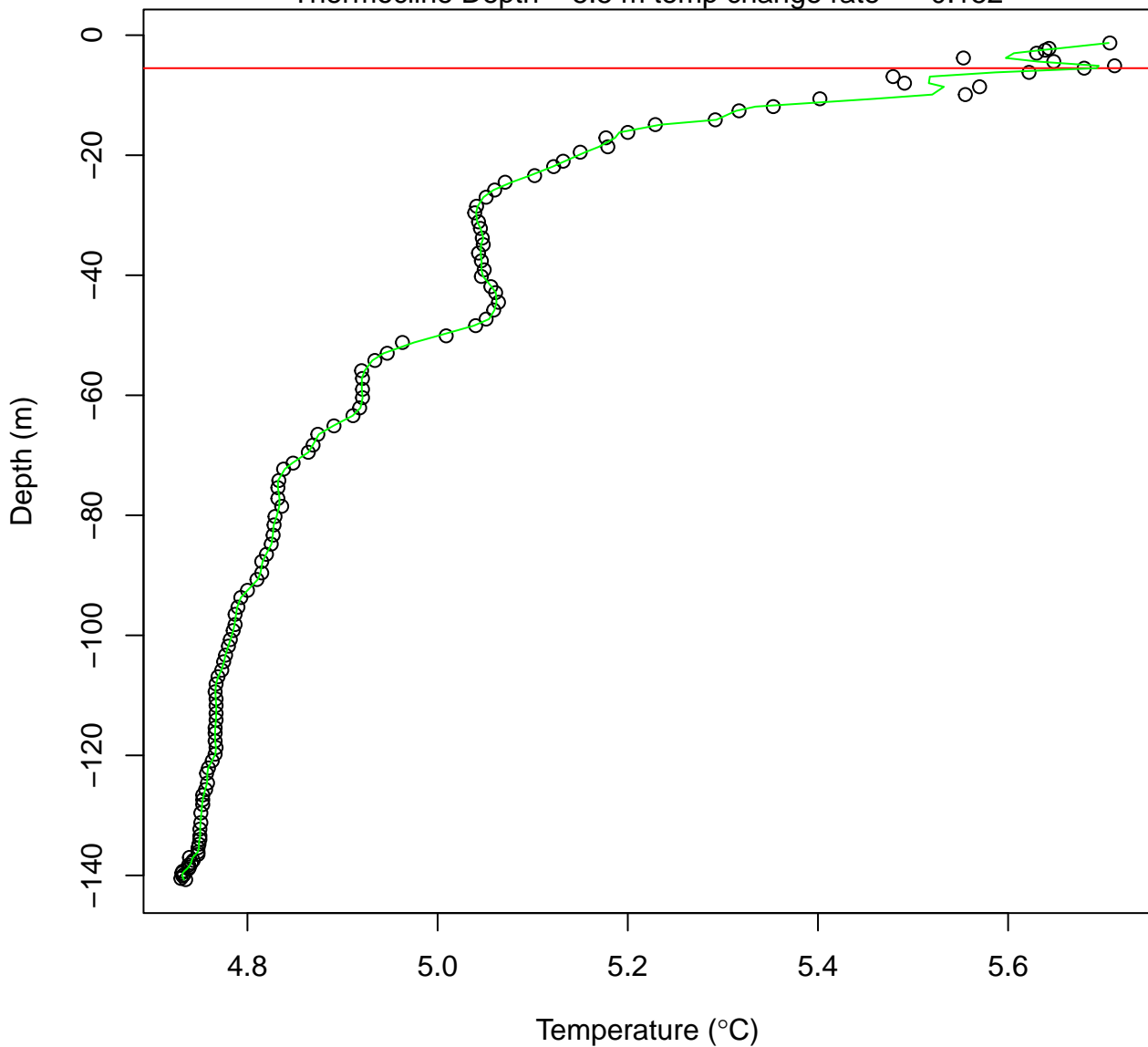
Vessel 148 Cruise 202201 Haul 95

Thermocline Depth = 10.1 m temp change rate = -0.124



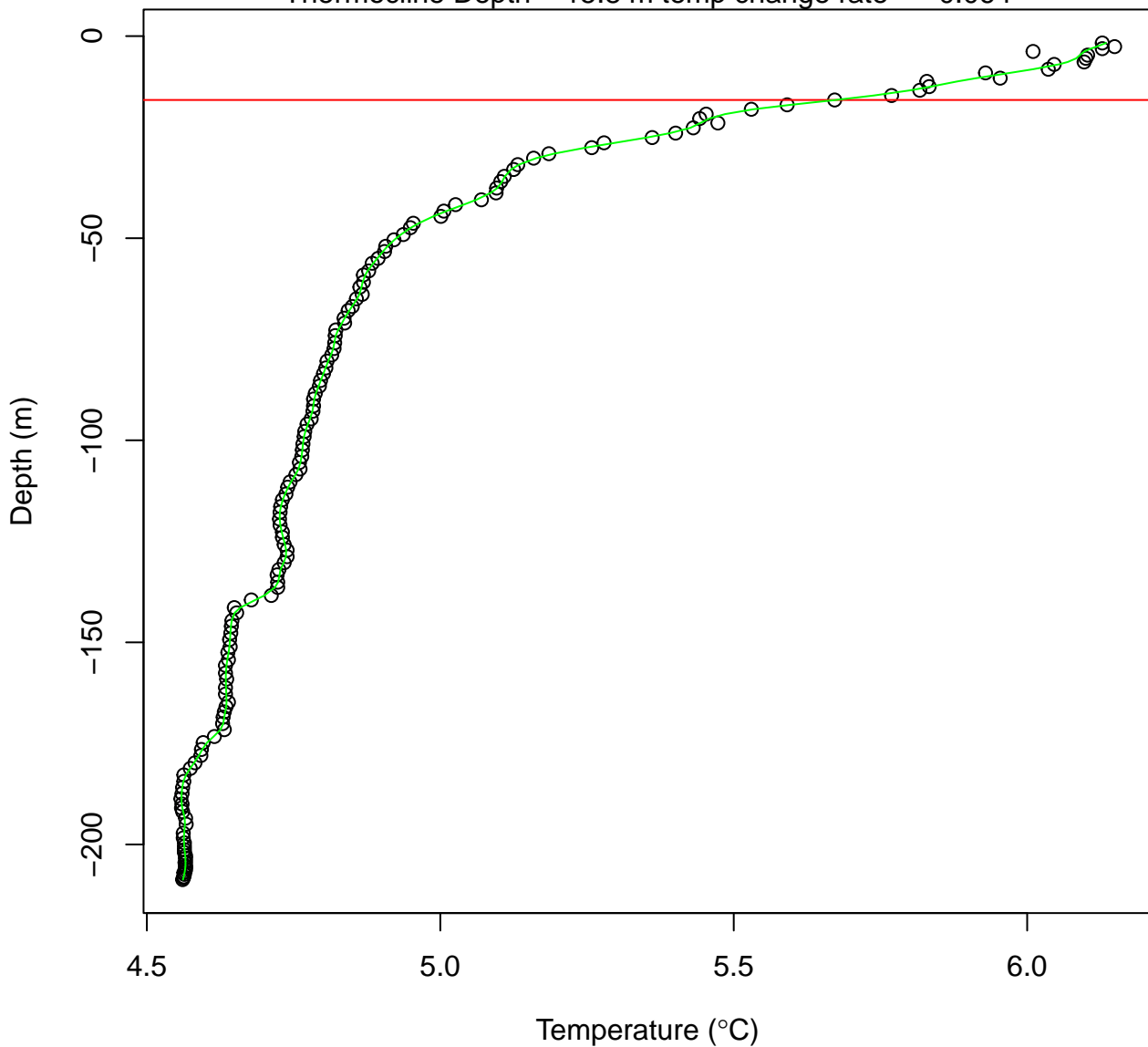
Vessel 148 Cruise 202201 Haul 96

Thermocline Depth = 5.5 m temp change rate = -0.152



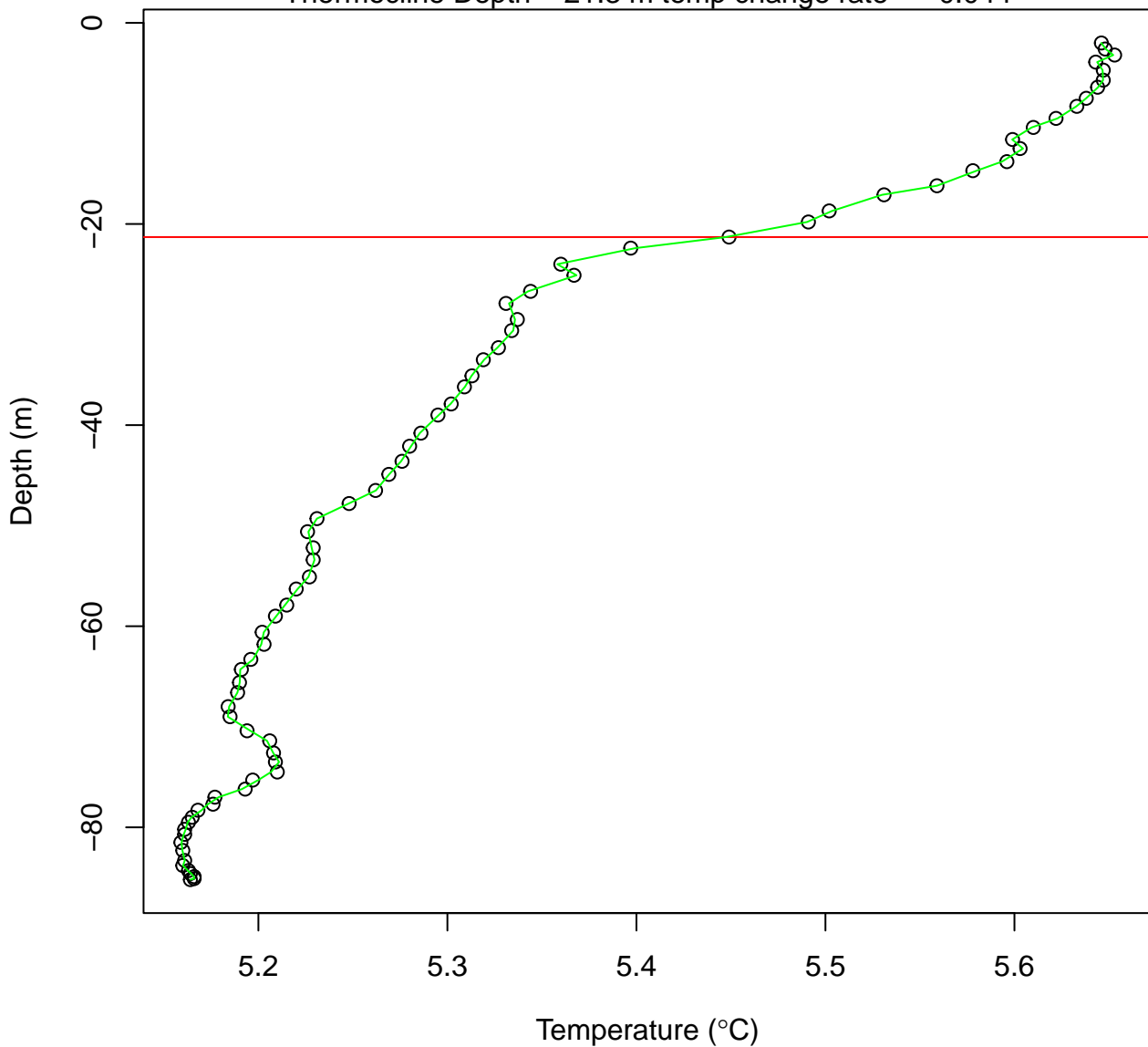
Vessel 148 Cruise 202201 Haul 97

Thermocline Depth = 15.8 m temp change rate = -0.064



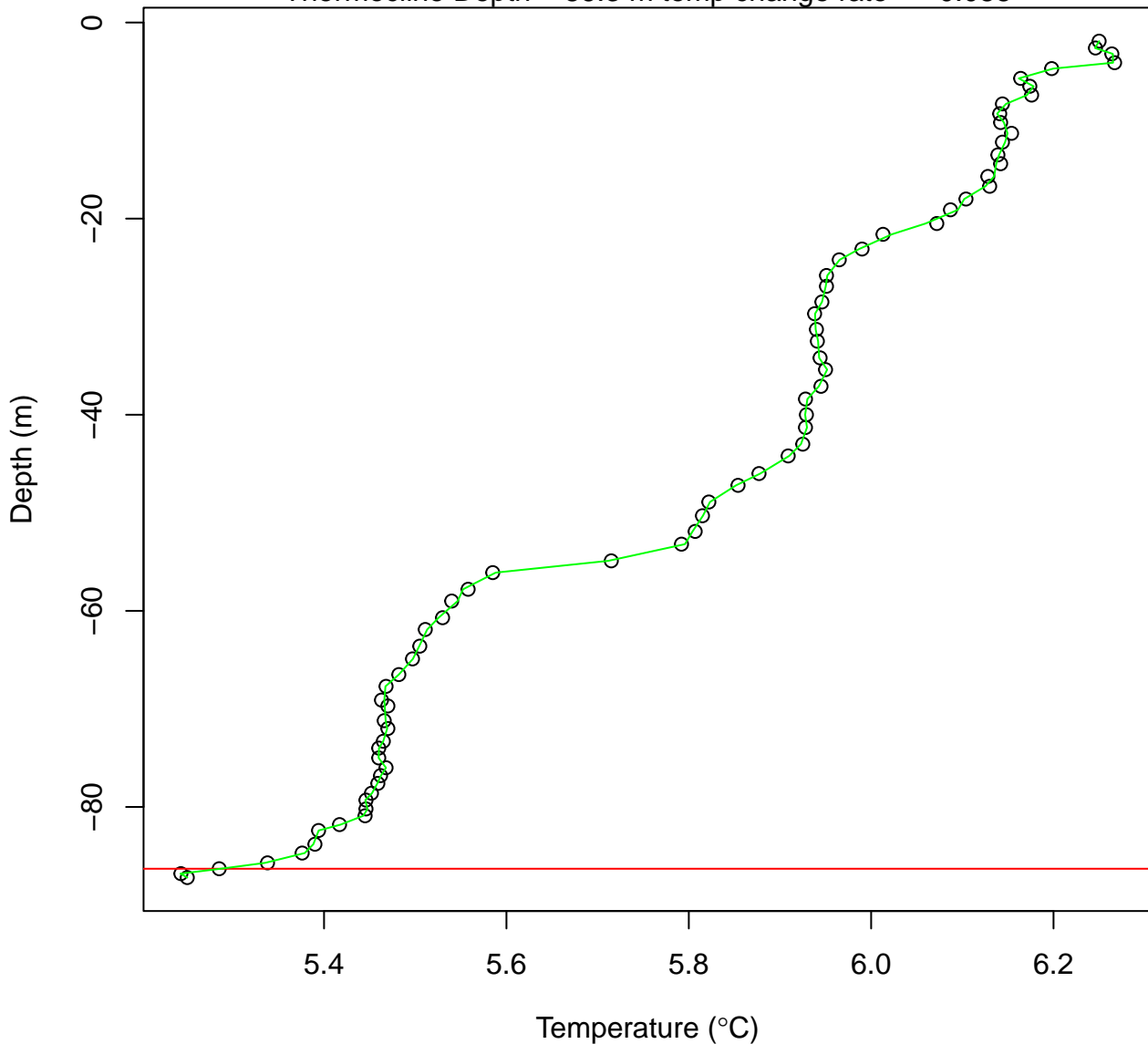
Vessel 148 Cruise 202201 Haul 98

Thermocline Depth = 21.3 m temp change rate = -0.044



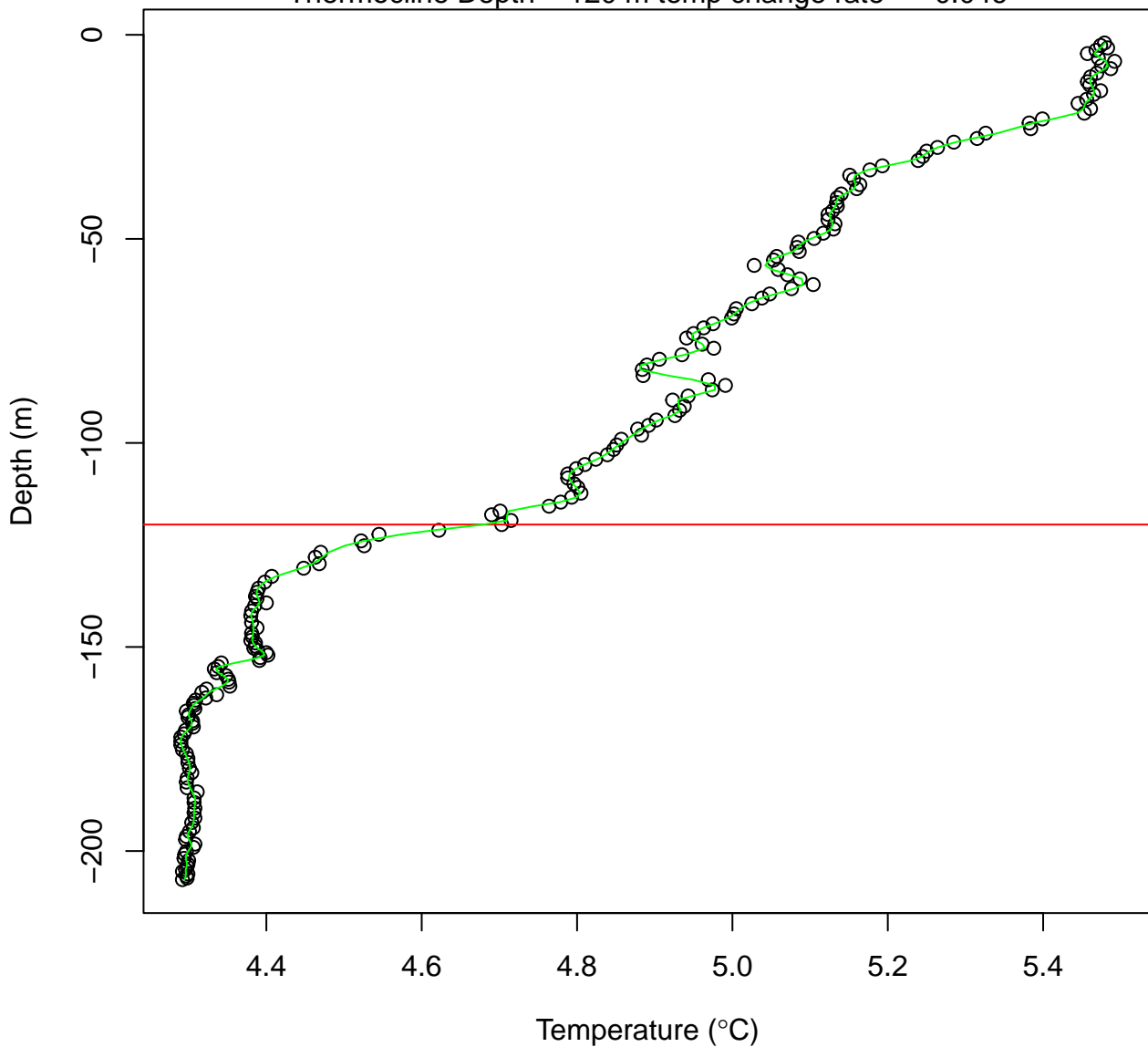
Vessel 148 Cruise 202201 Haul 99

Thermocline Depth = 86.3 m temp change rate = -0.088



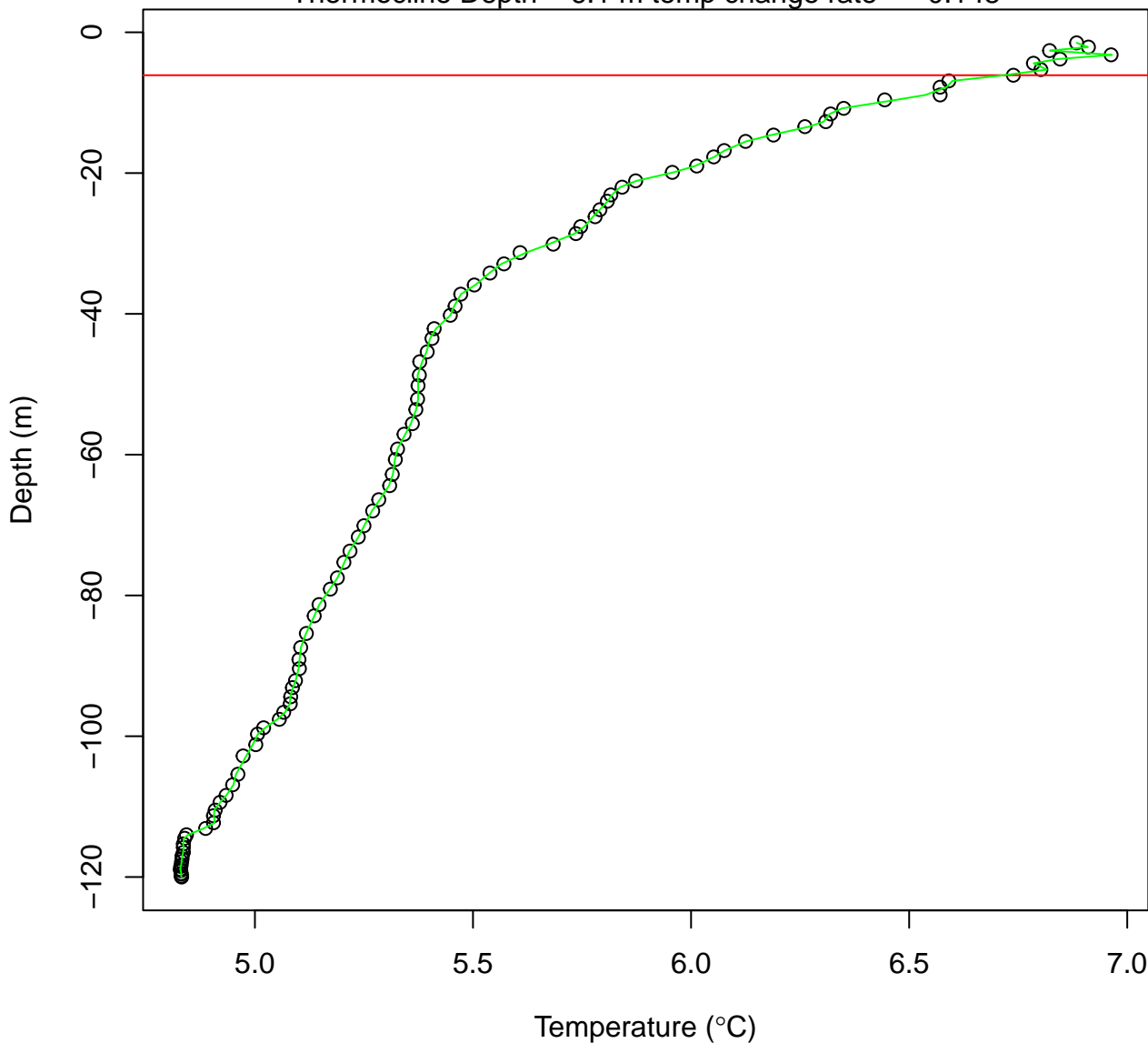
Vessel 148 Cruise 202201 Haul 100

Thermocline Depth = 120 m temp change rate = -0.046



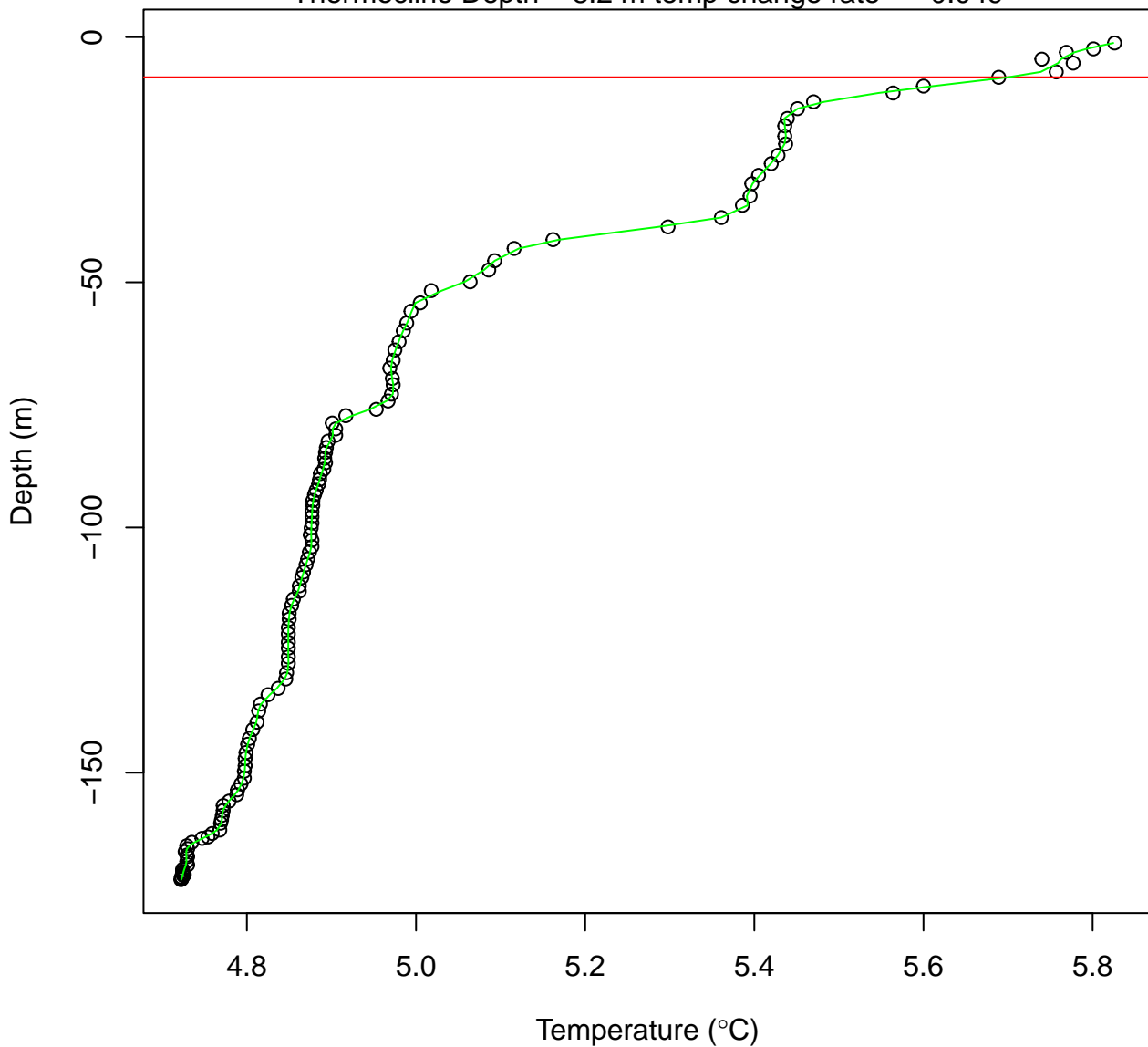
Vessel 148 Cruise 202201 Haul 101

Thermocline Depth = 6.1 m temp change rate = -0.148



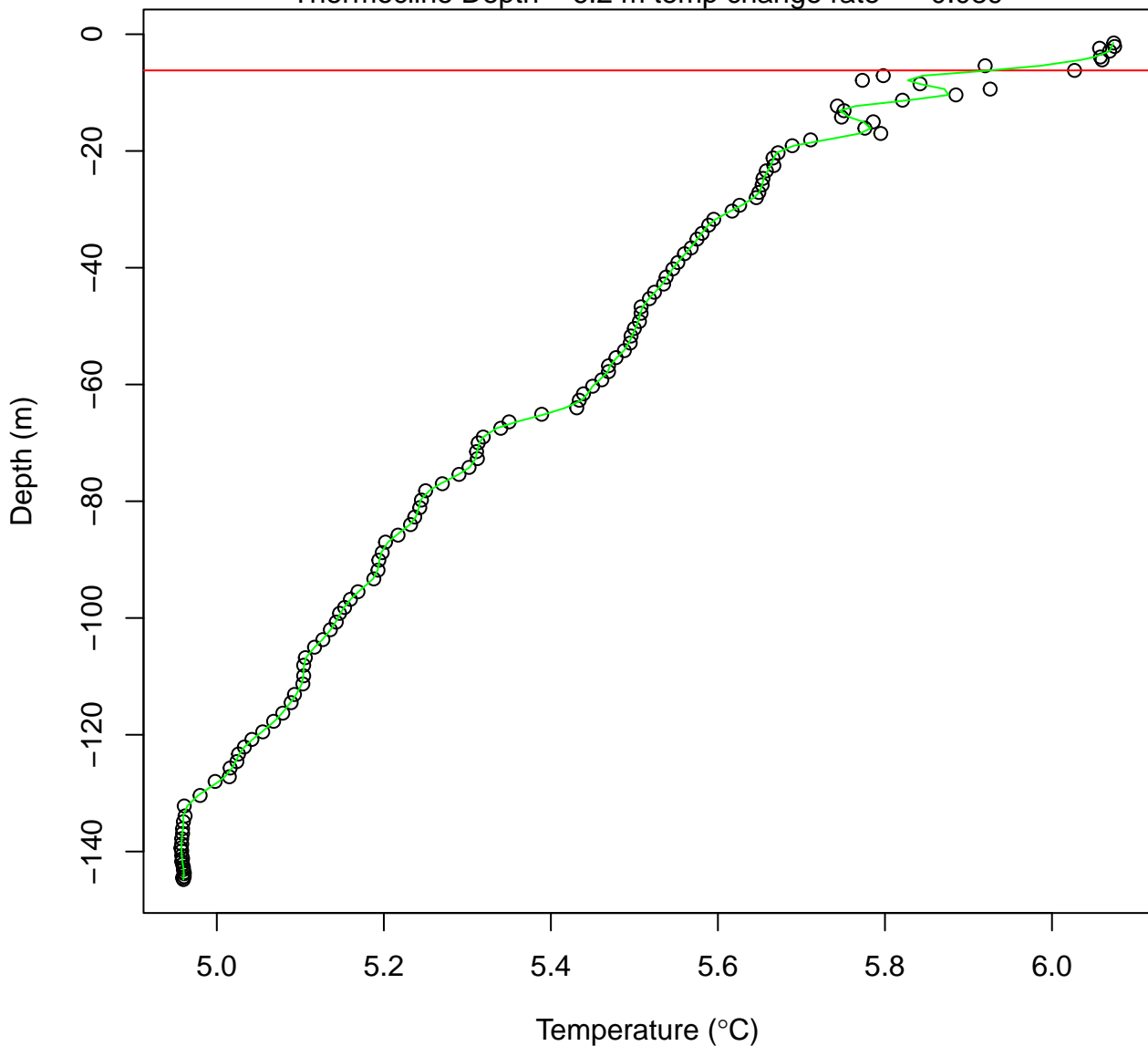
Vessel 148 Cruise 202201 Haul 102

Thermocline Depth = 8.2 m temp change rate = -0.049



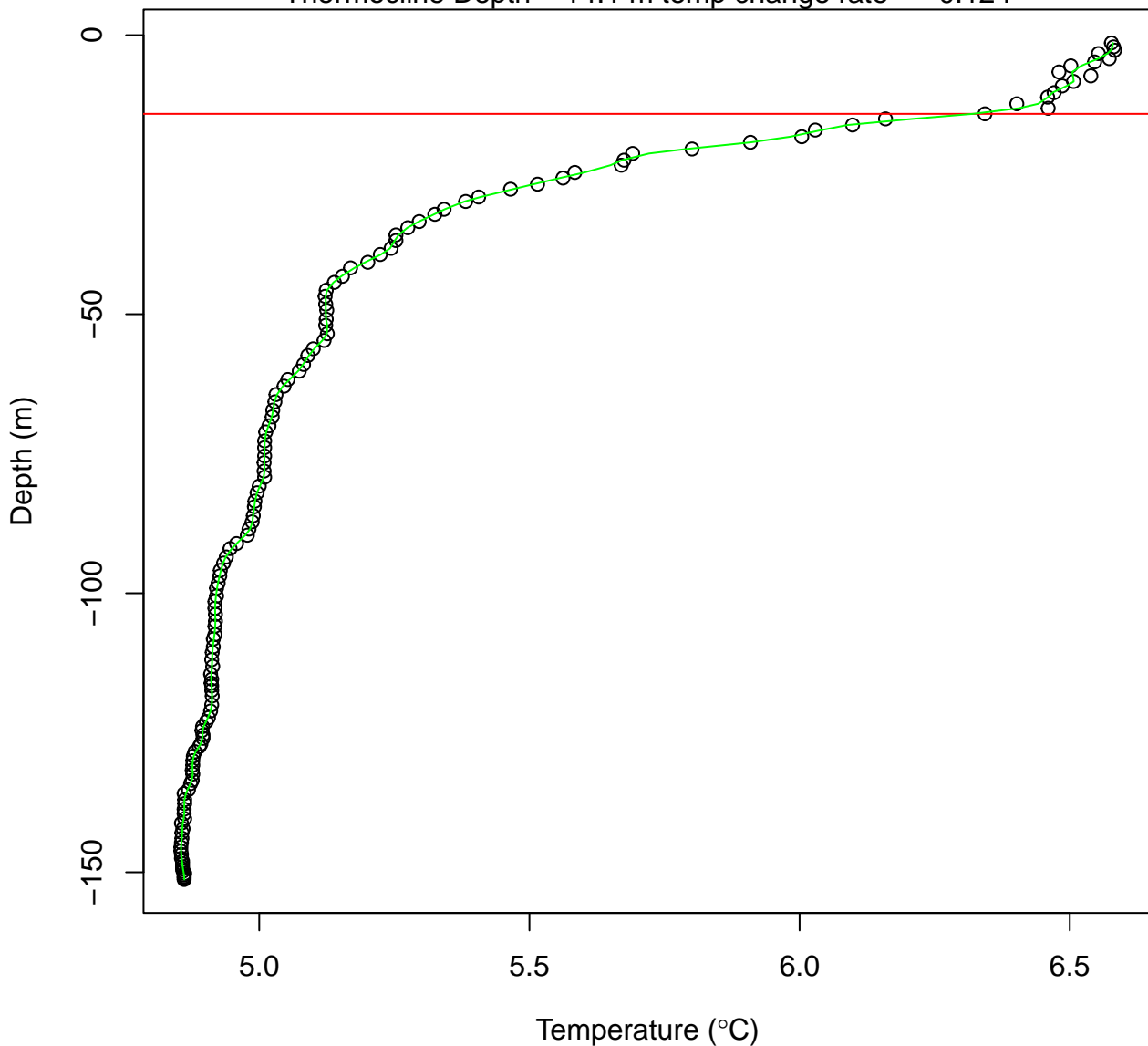
Vessel 148 Cruise 202201 Haul 103

Thermocline Depth = 6.2 m temp change rate = -0.089



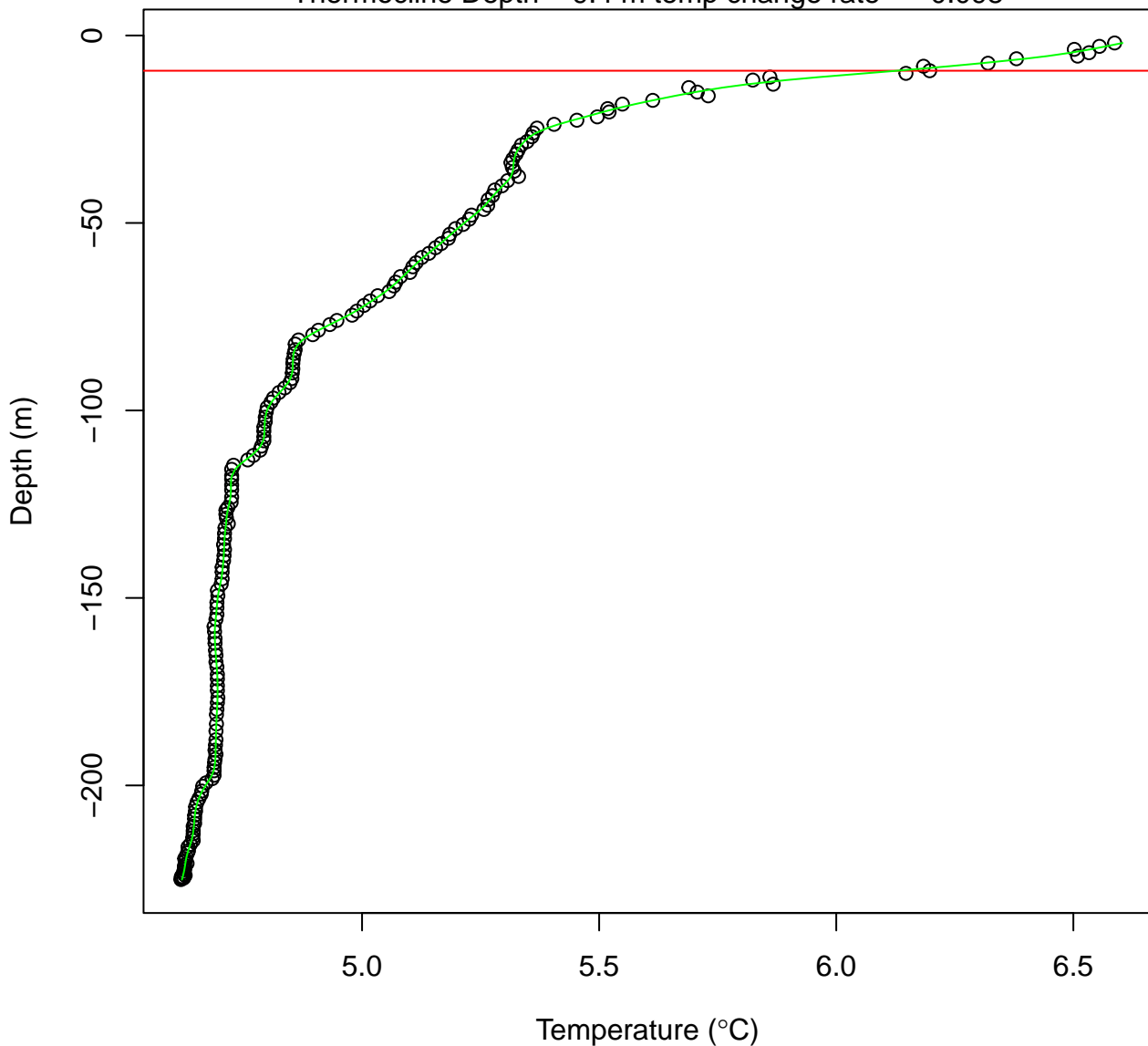
Vessel 148 Cruise 202201 Haul 104

Thermocline Depth = 14.1 m temp change rate = -0.124



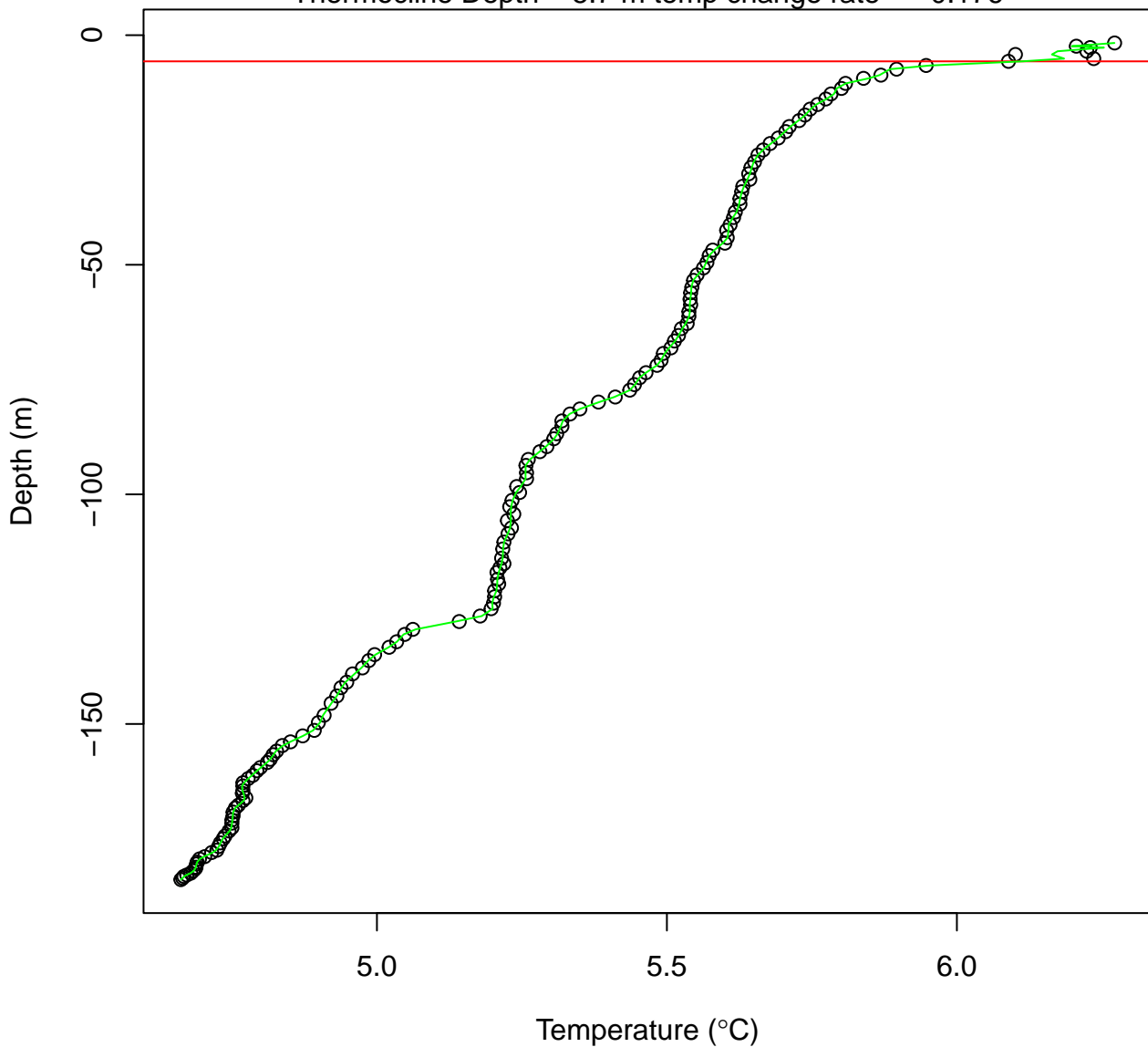
Vessel 148 Cruise 202201 Haul 105

Thermocline Depth = 9.4 m temp change rate = -0.098



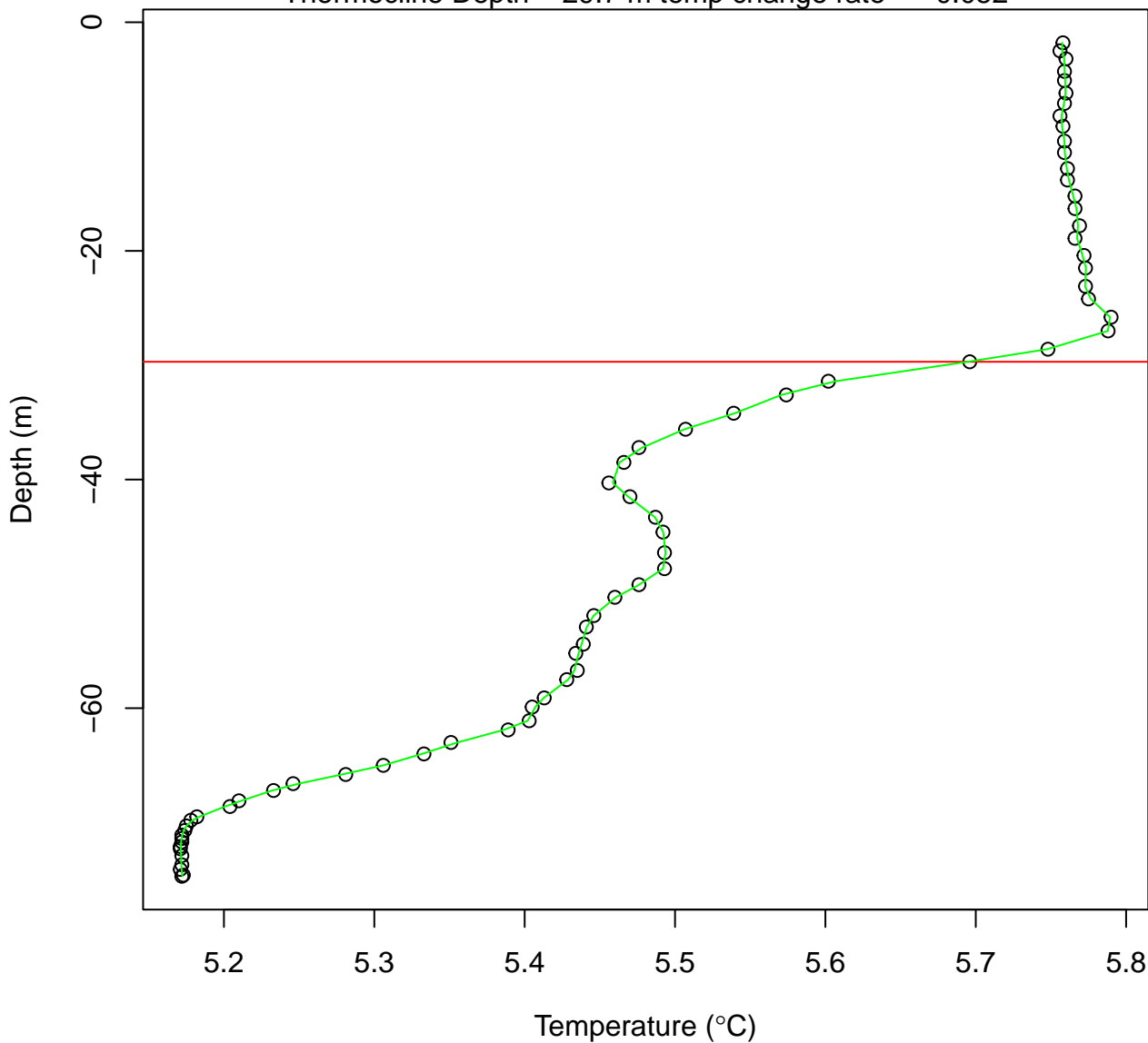
Vessel 148 Cruise 202201 Haul 106

Thermocline Depth = 5.7 m temp change rate = -0.176



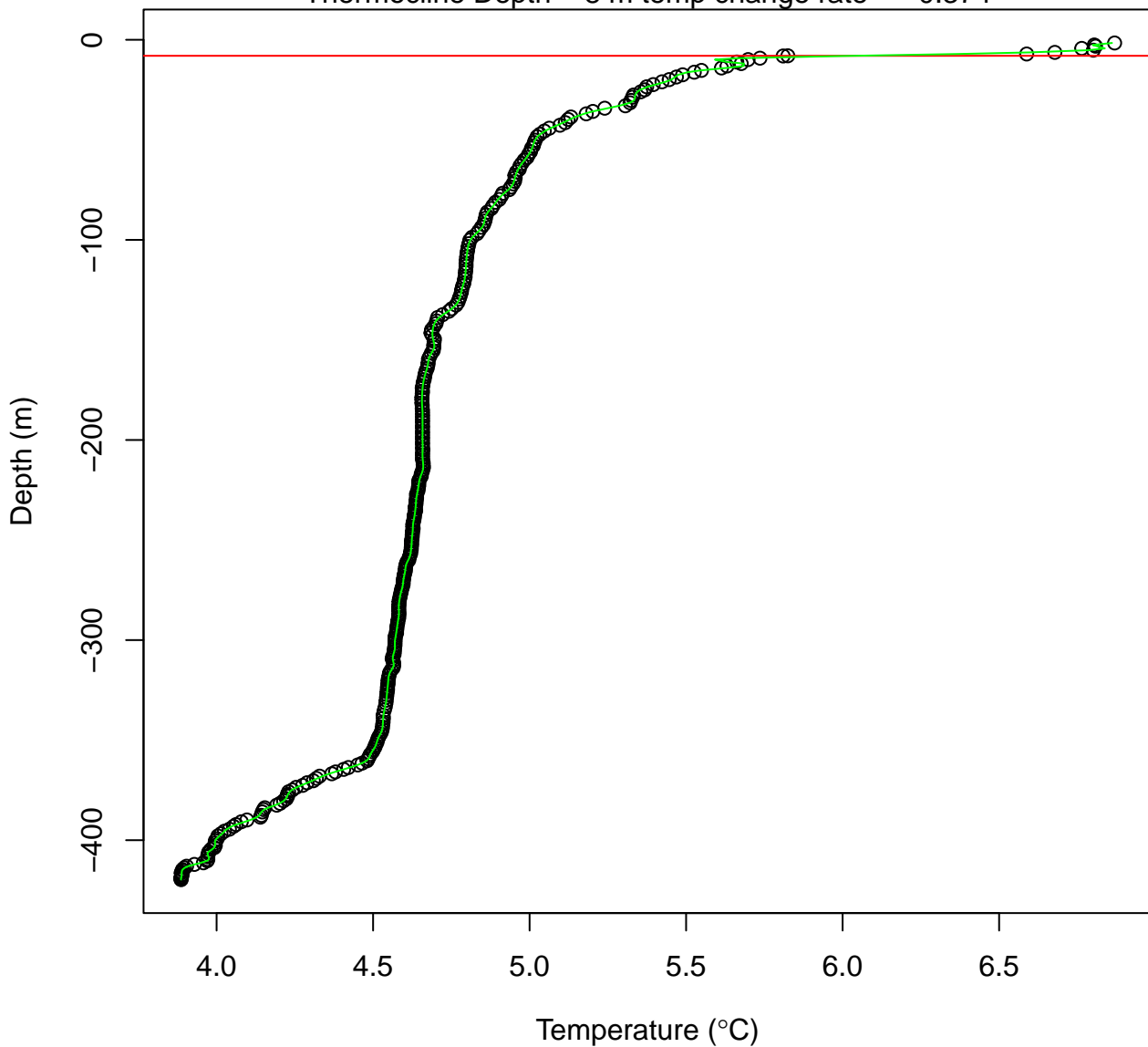
Vessel 148 Cruise 202201 Haul 107

Thermocline Depth = 29.7 m temp change rate = -0.052



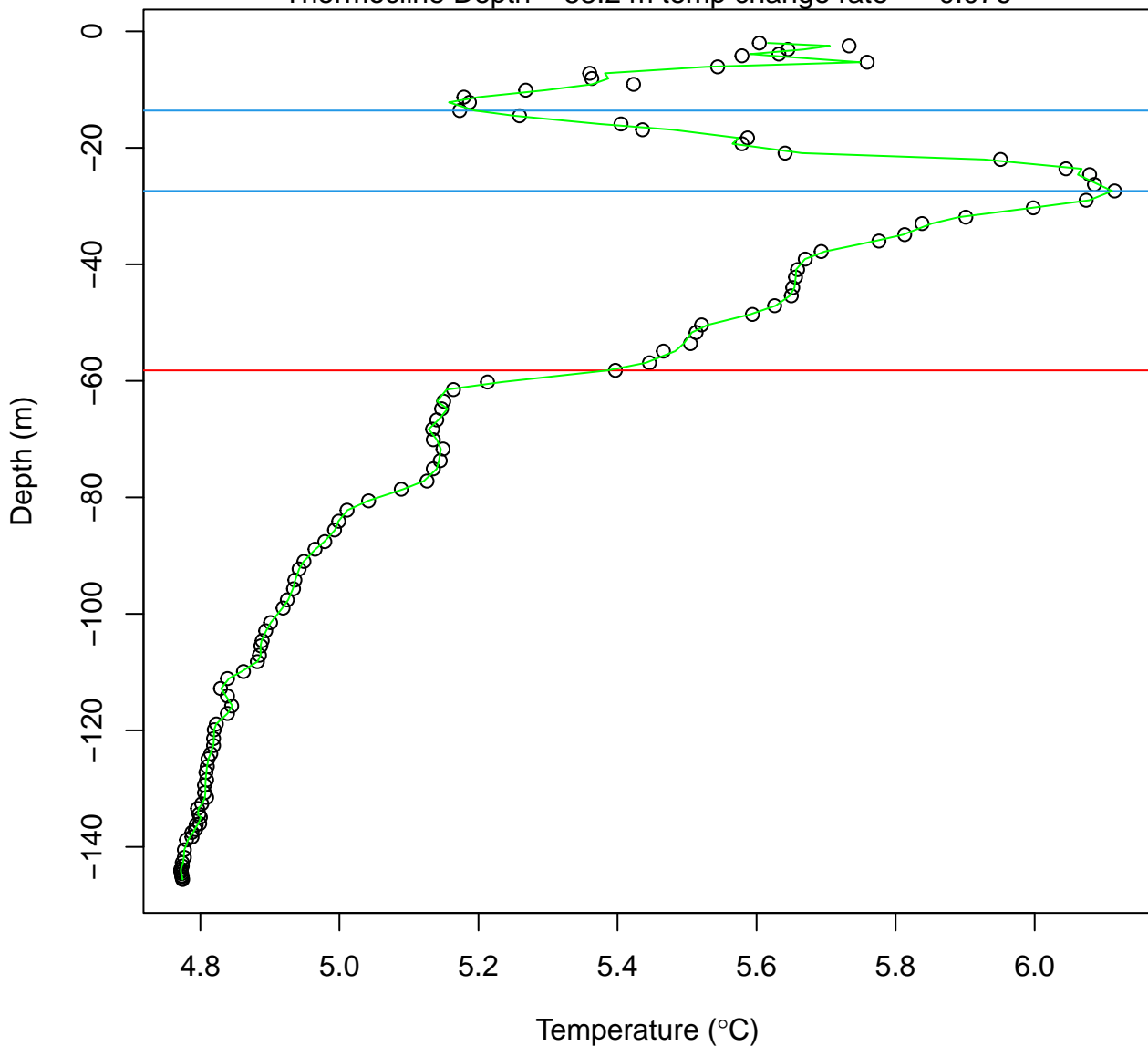
Vessel 148 Cruise 202201 Haul 108

Thermocline Depth = 8 m temp change rate = -0.374



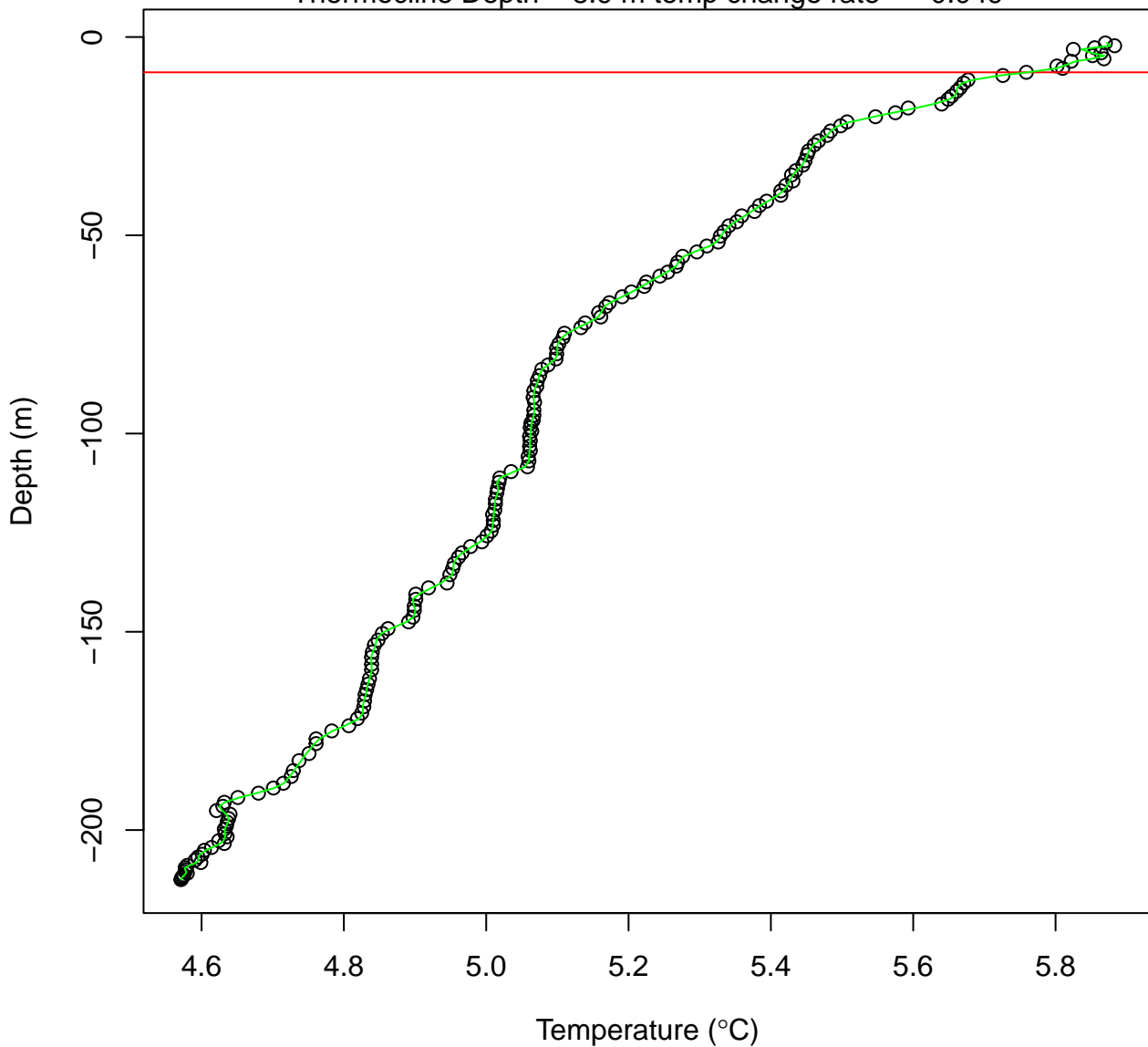
Vessel 148 Cruise 202201 Haul 109

Thermocline Depth = 58.2 m temp change rate = -0.076



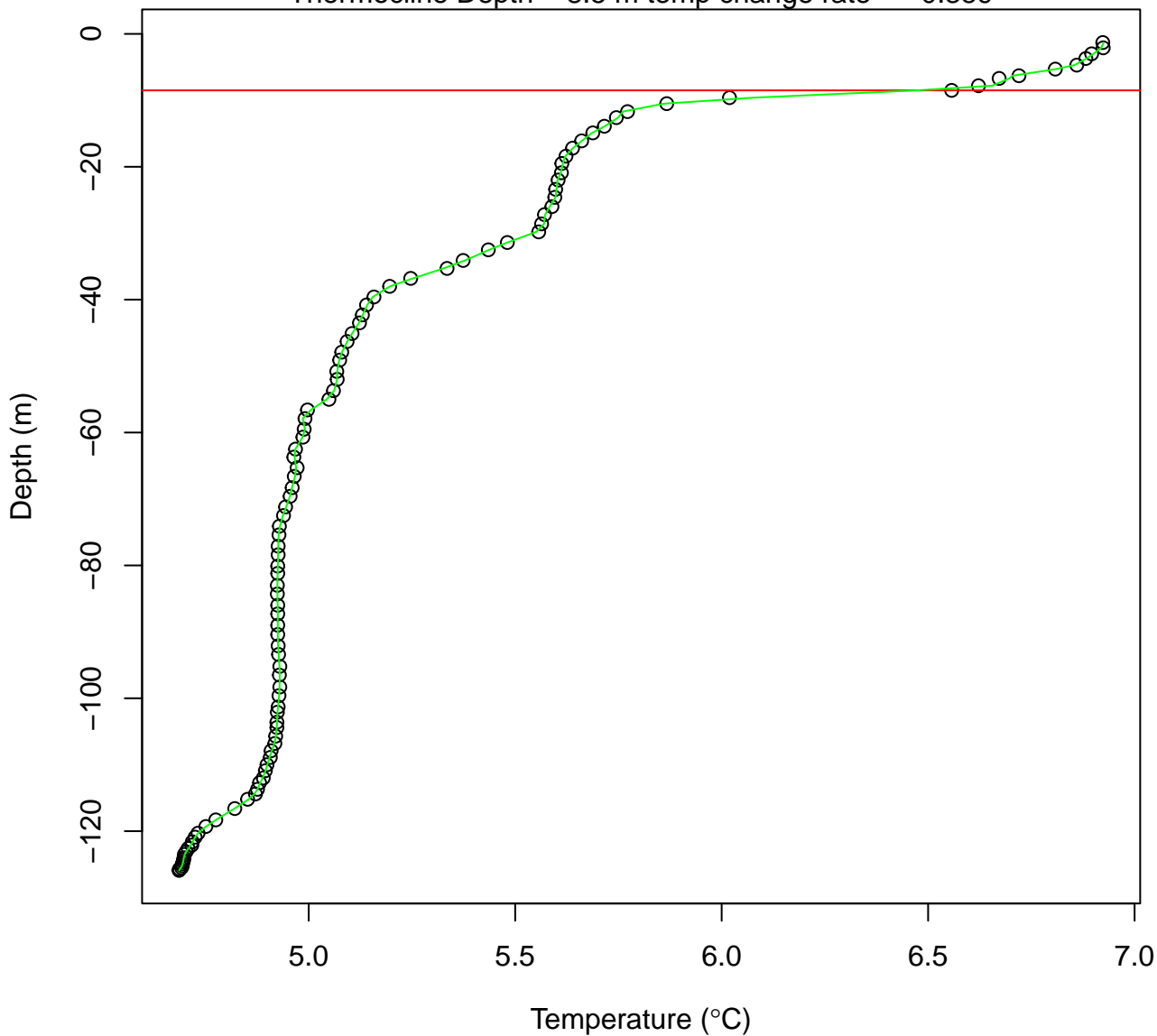
Vessel 148 Cruise 202201 Haul 110

Thermocline Depth = 8.9 m temp change rate = -0.049



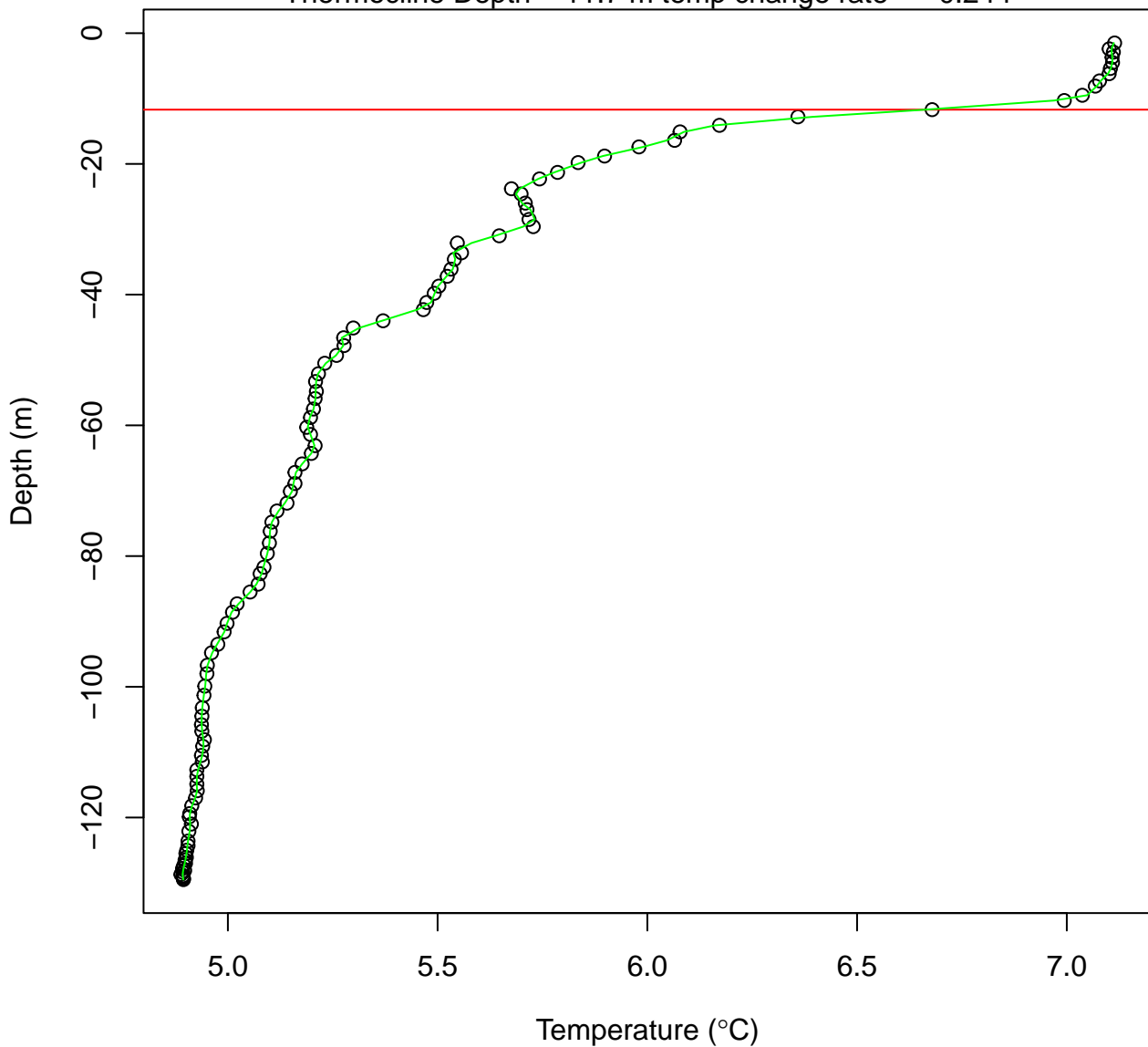
Vessel 148 Cruise 202201 Haul 111

Thermocline Depth = 8.5 m temp change rate = -0.359



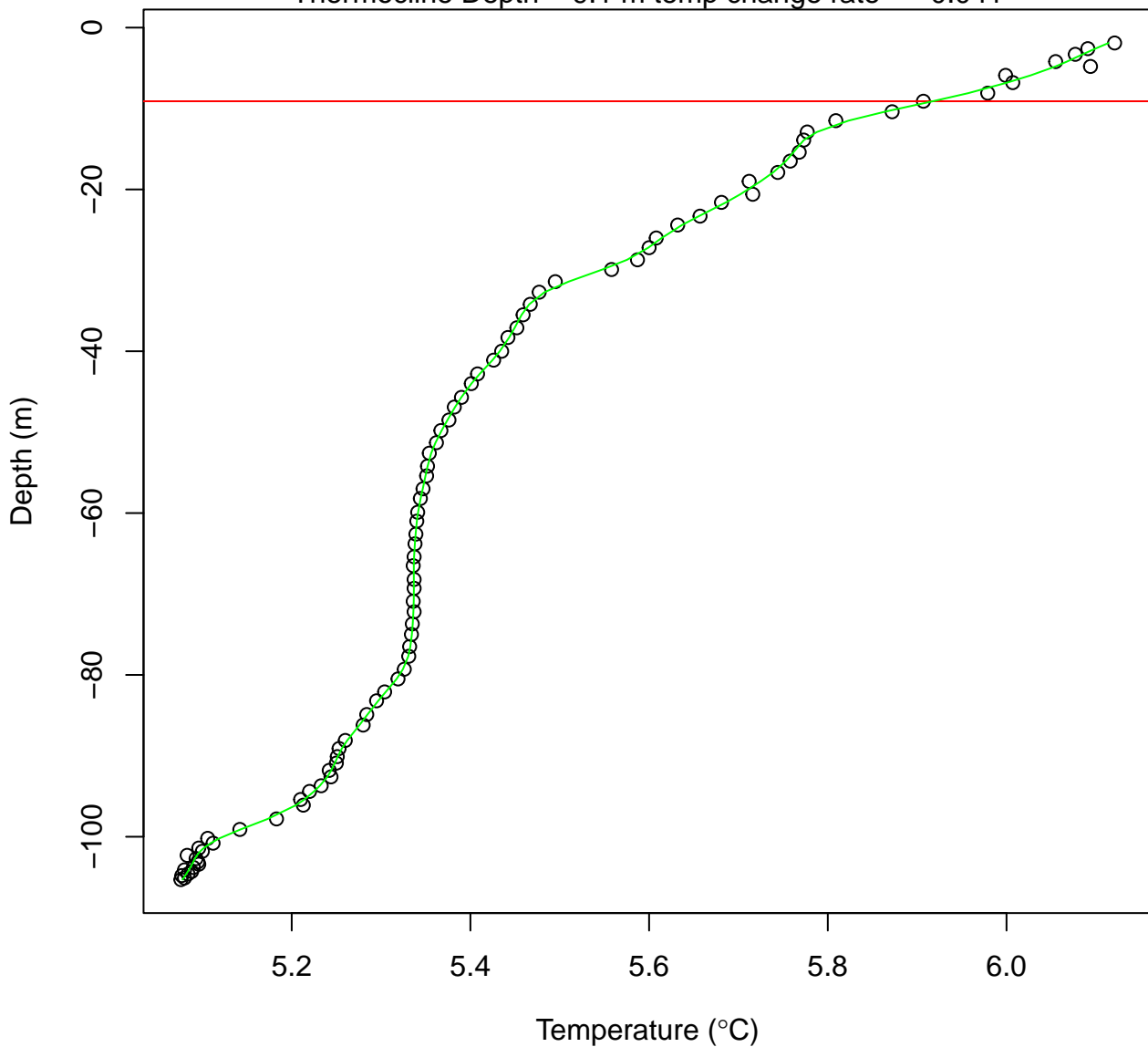
Vessel 148 Cruise 202201 Haul 112

Thermocline Depth = 11.7 m temp change rate = -0.244



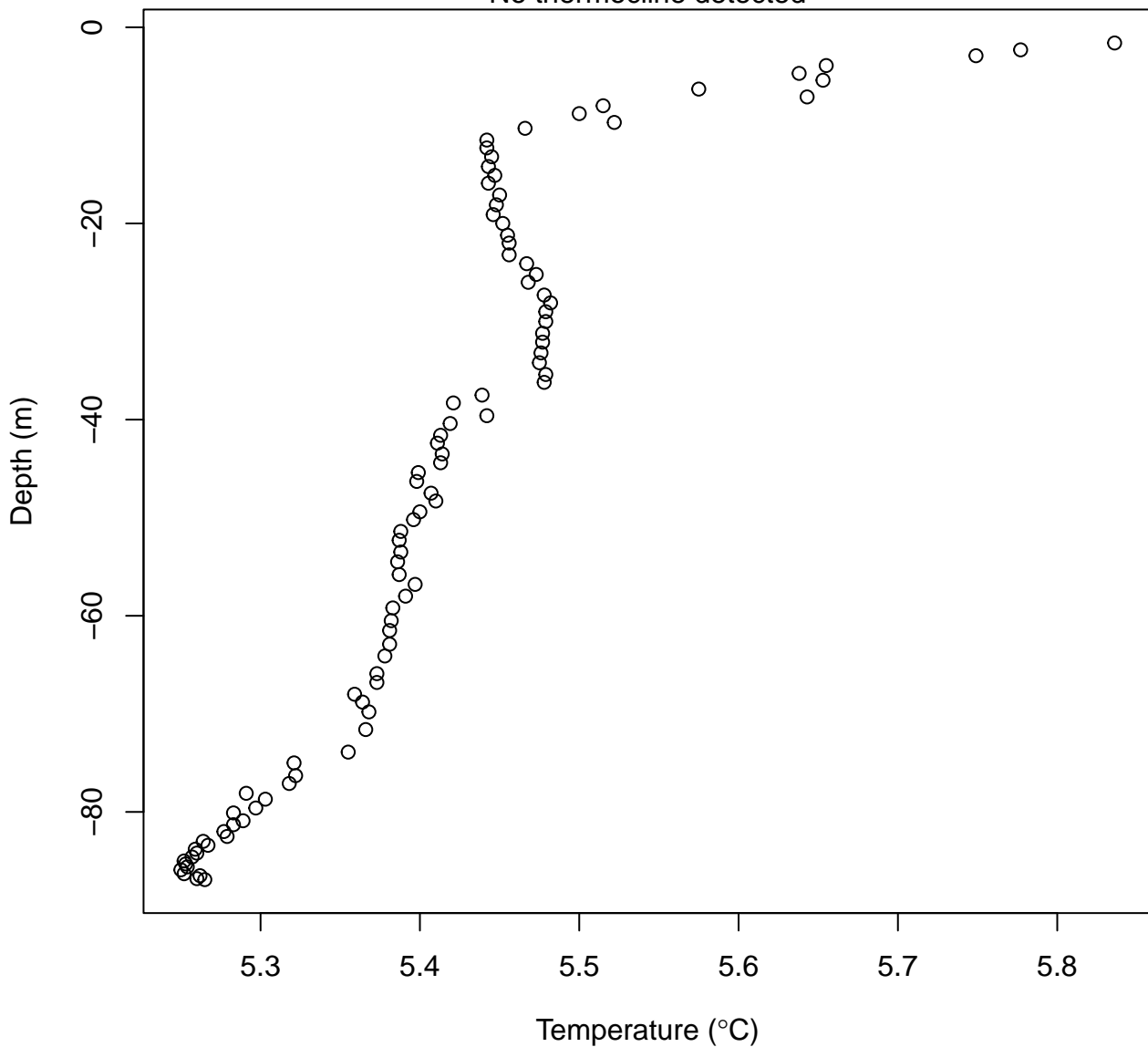
Vessel 148 Cruise 202201 Haul 113

Thermocline Depth = 9.1 m temp change rate = -0.041



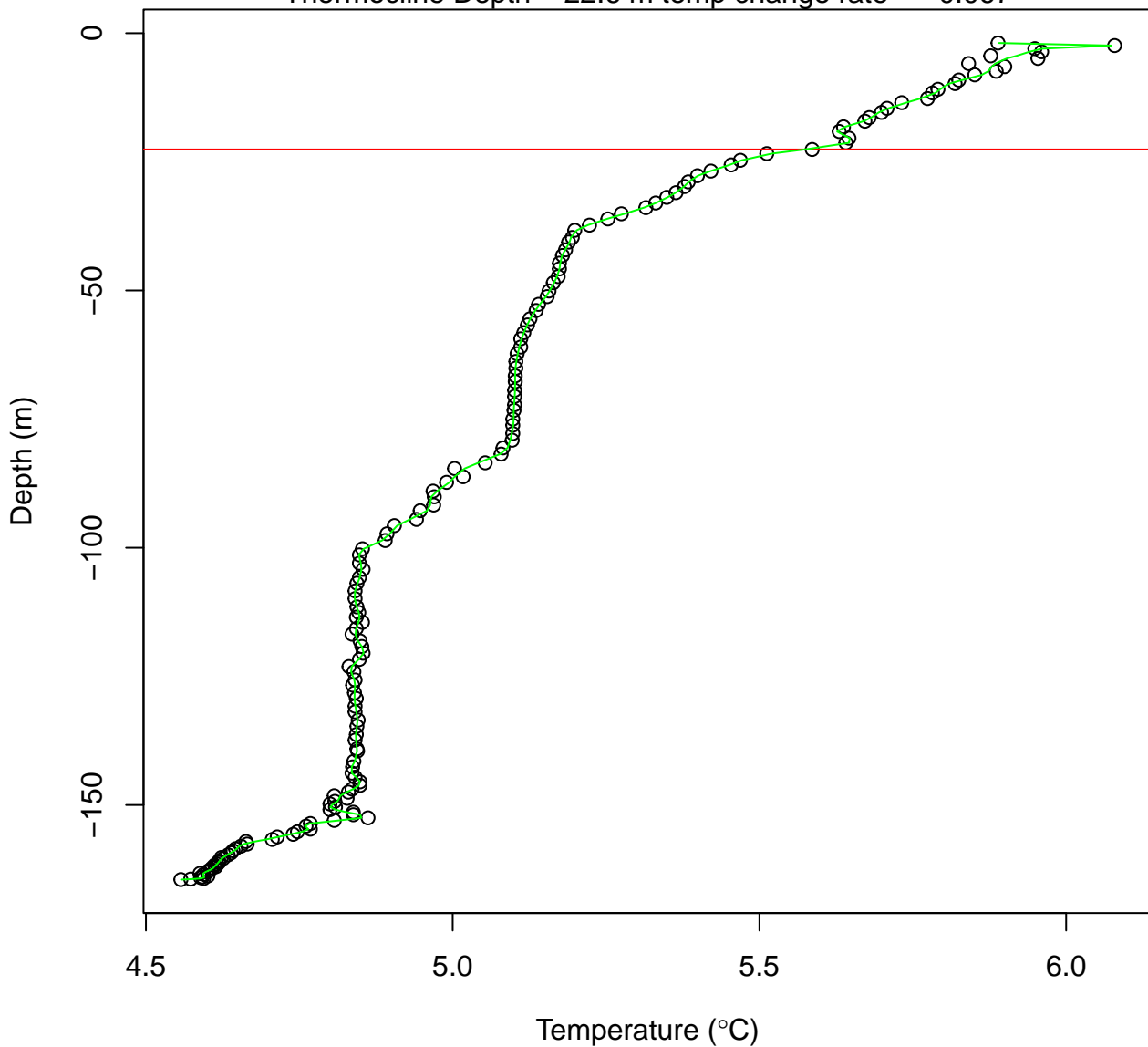
Vessel 148 Cruise 202201 Haul 114

No thermocline detected



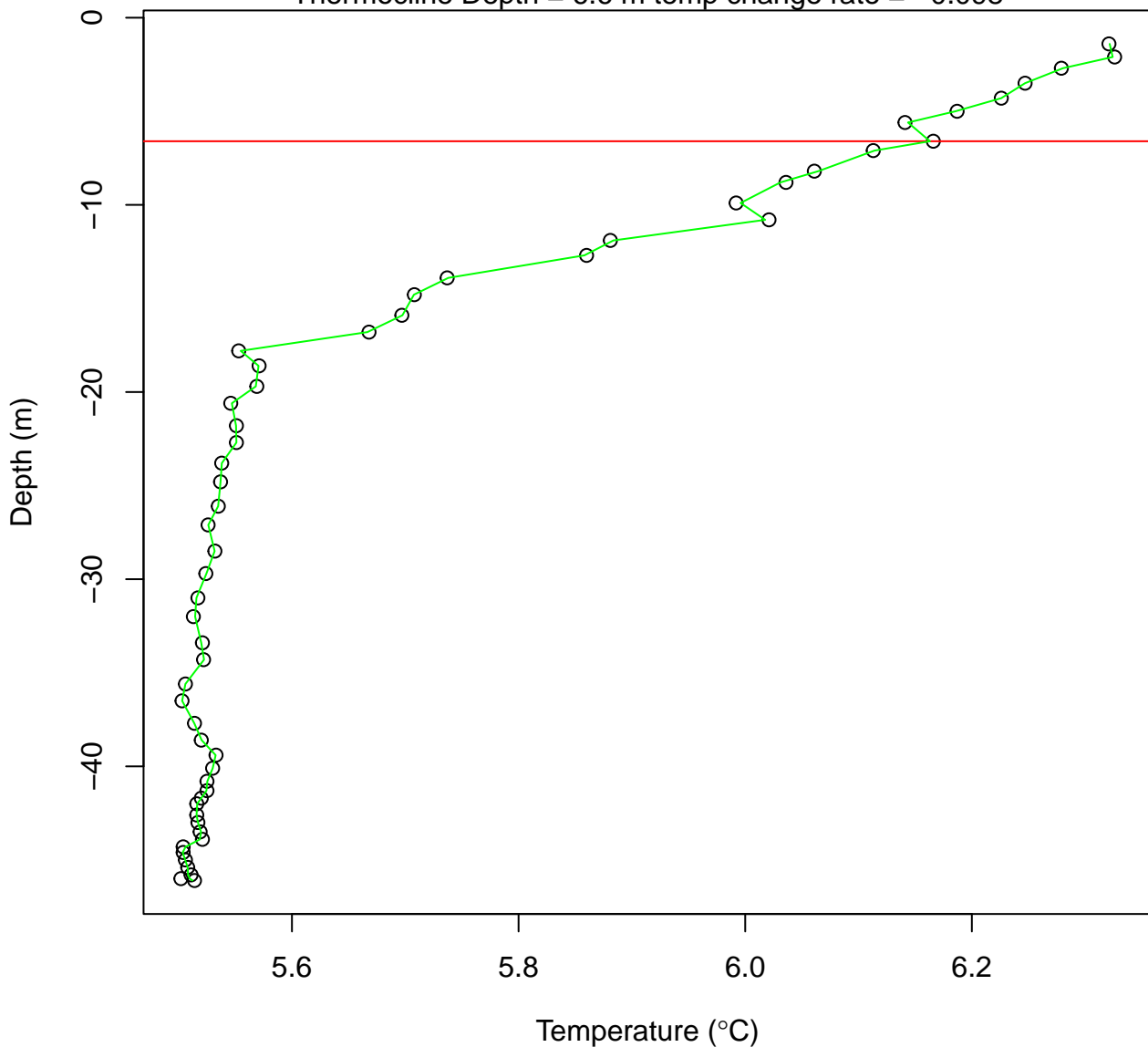
Vessel 148 Cruise 202201 Haul 115

Thermocline Depth = 22.6 m temp change rate = -0.067



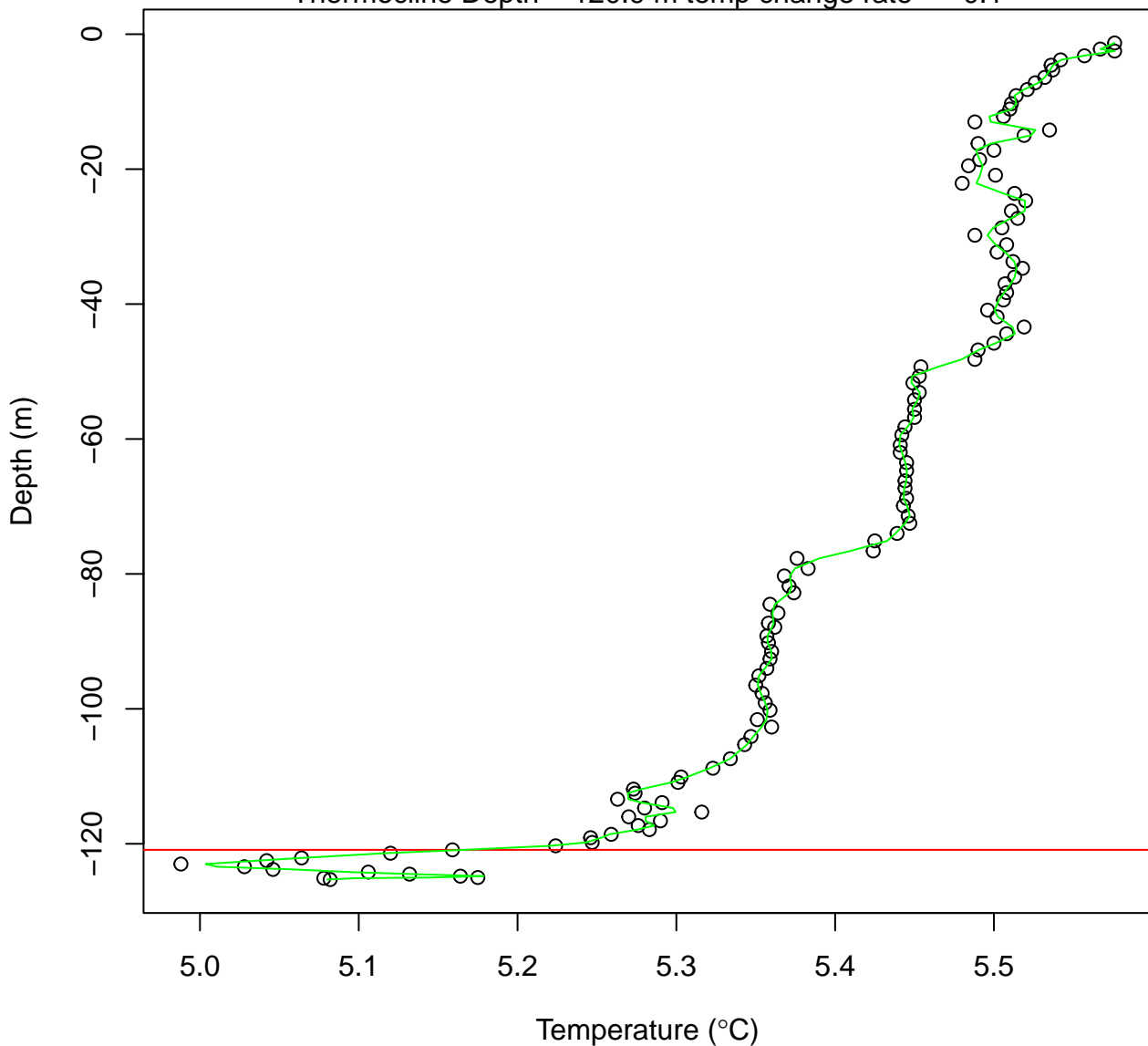
Vessel 148 Cruise 202201 Haul 116

Thermocline Depth = 6.6 m temp change rate = -0.098



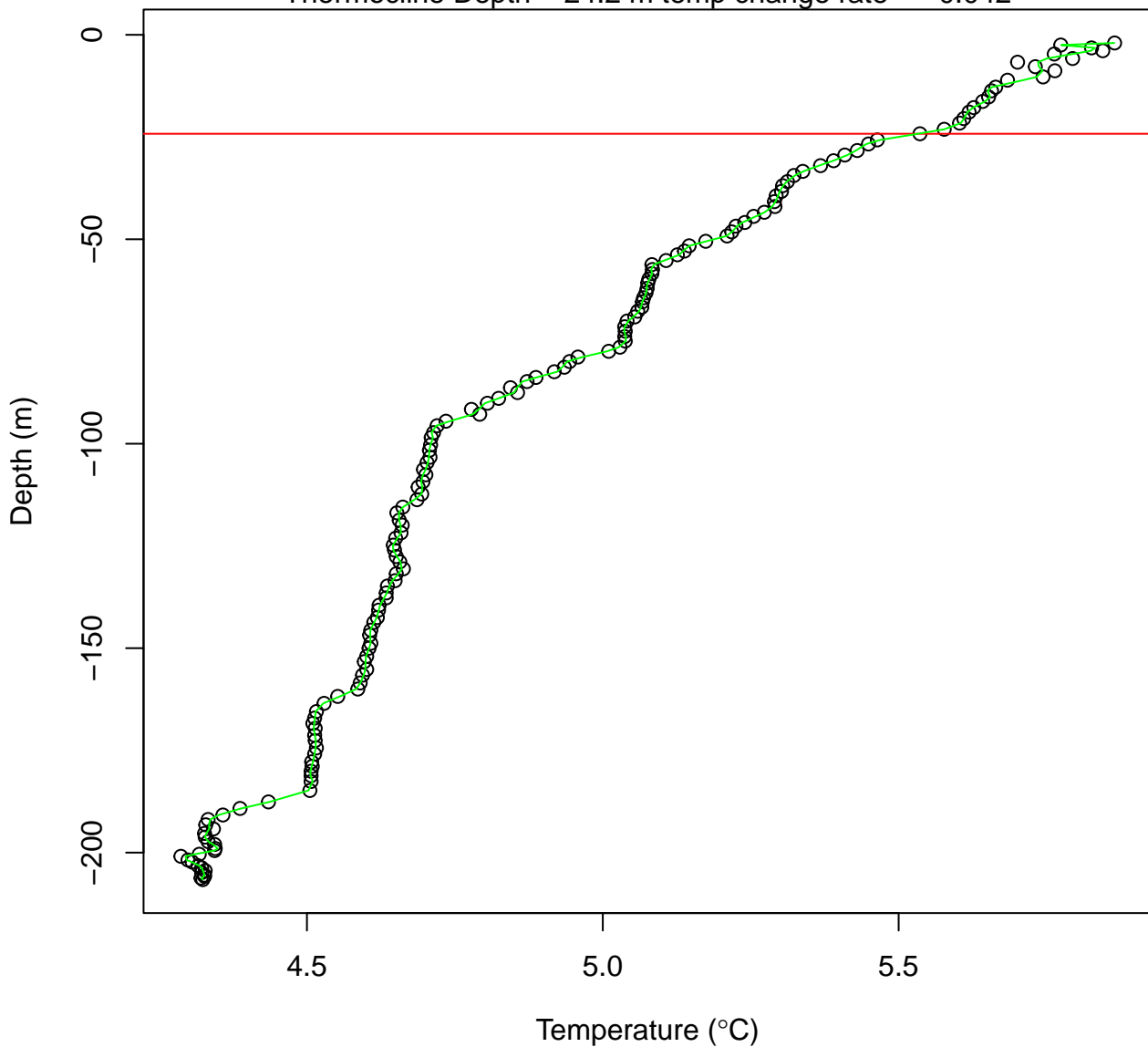
Vessel 148 Cruise 202201 Haul 117

Thermocline Depth = 120.9 m temp change rate = -0.1



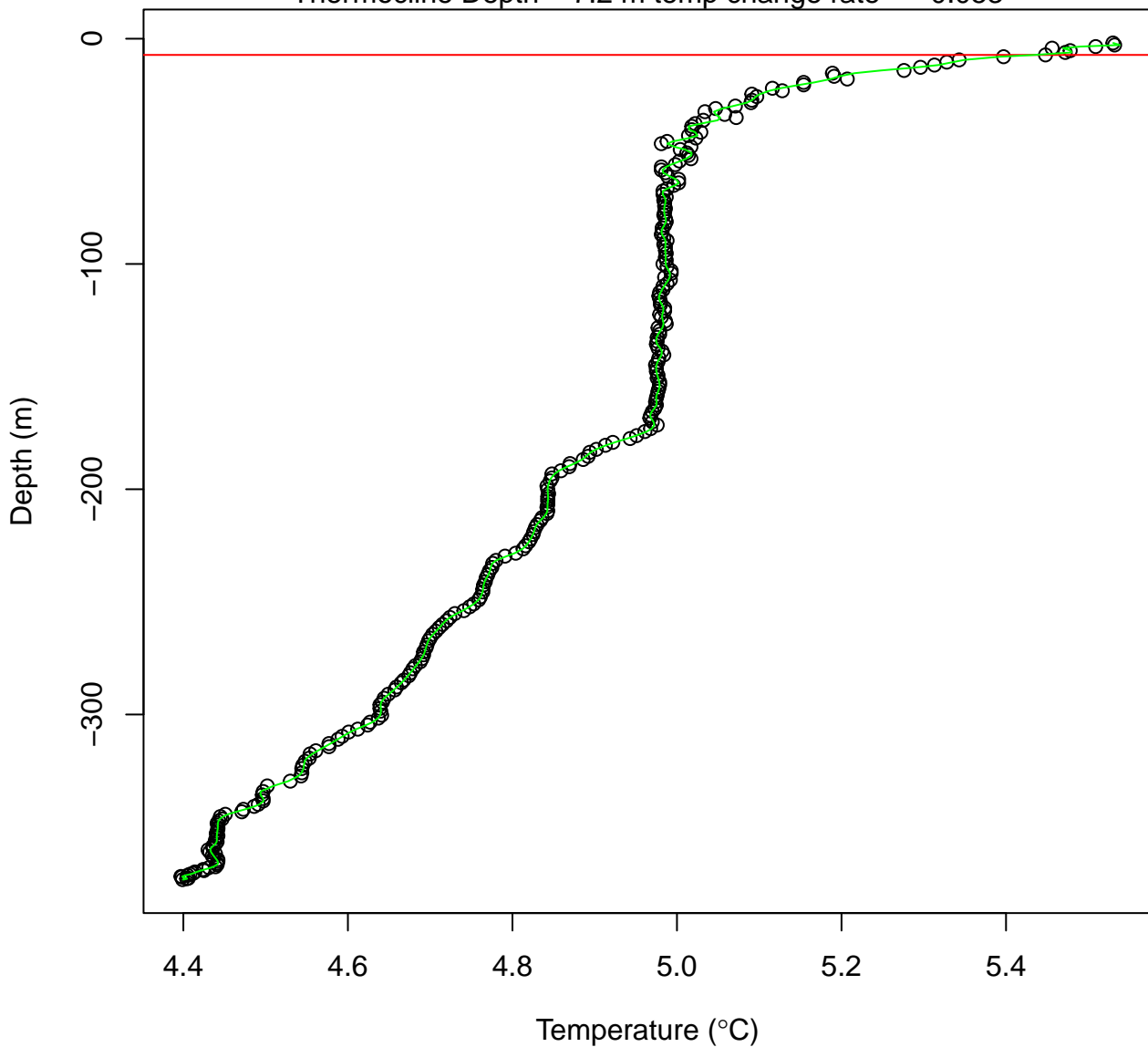
Vessel 148 Cruise 202201 Haul 118

Thermocline Depth = 24.2 m temp change rate = -0.042



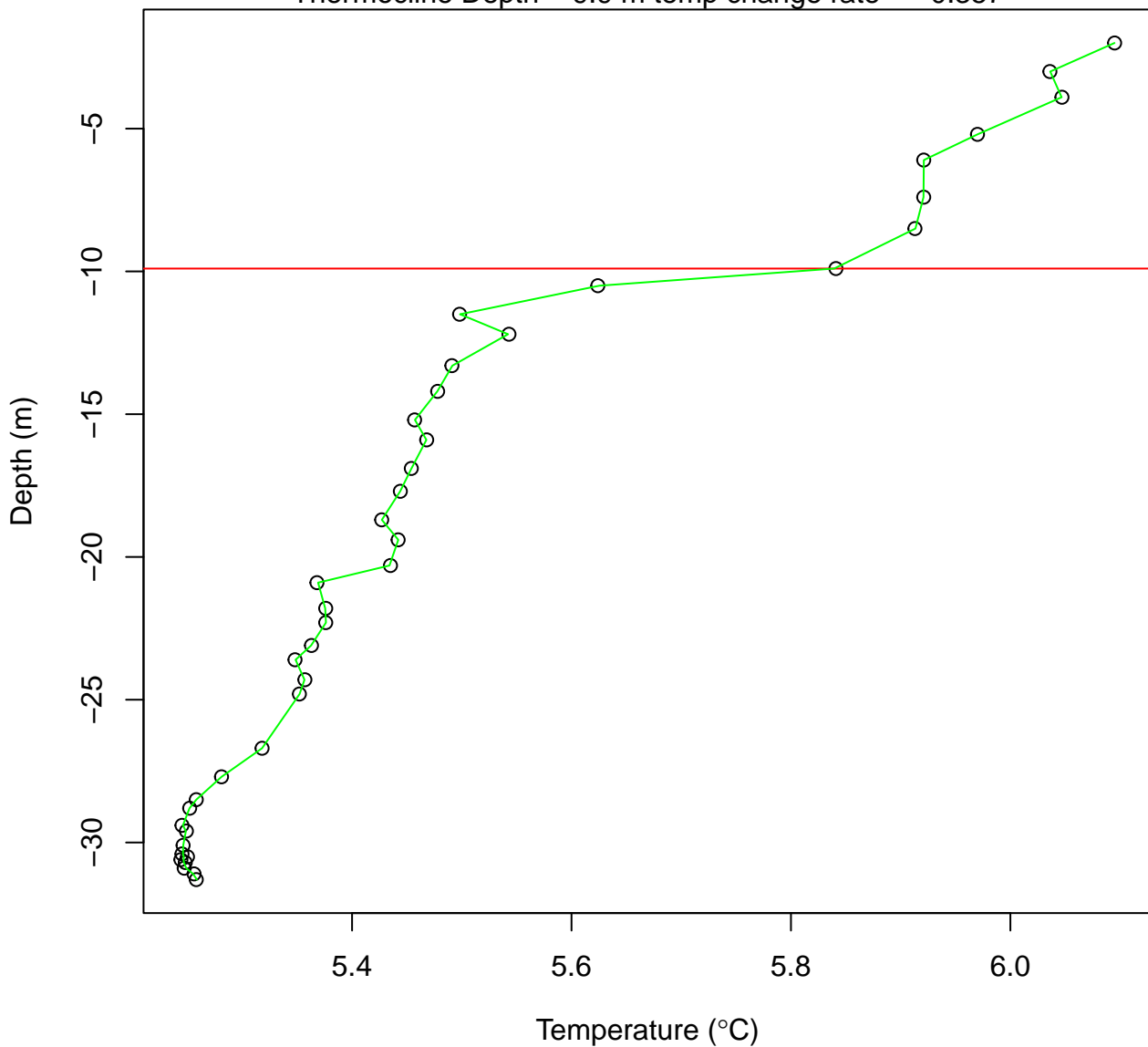
Vessel 148 Cruise 202201 Haul 119

Thermocline Depth = 7.2 m temp change rate = -0.053



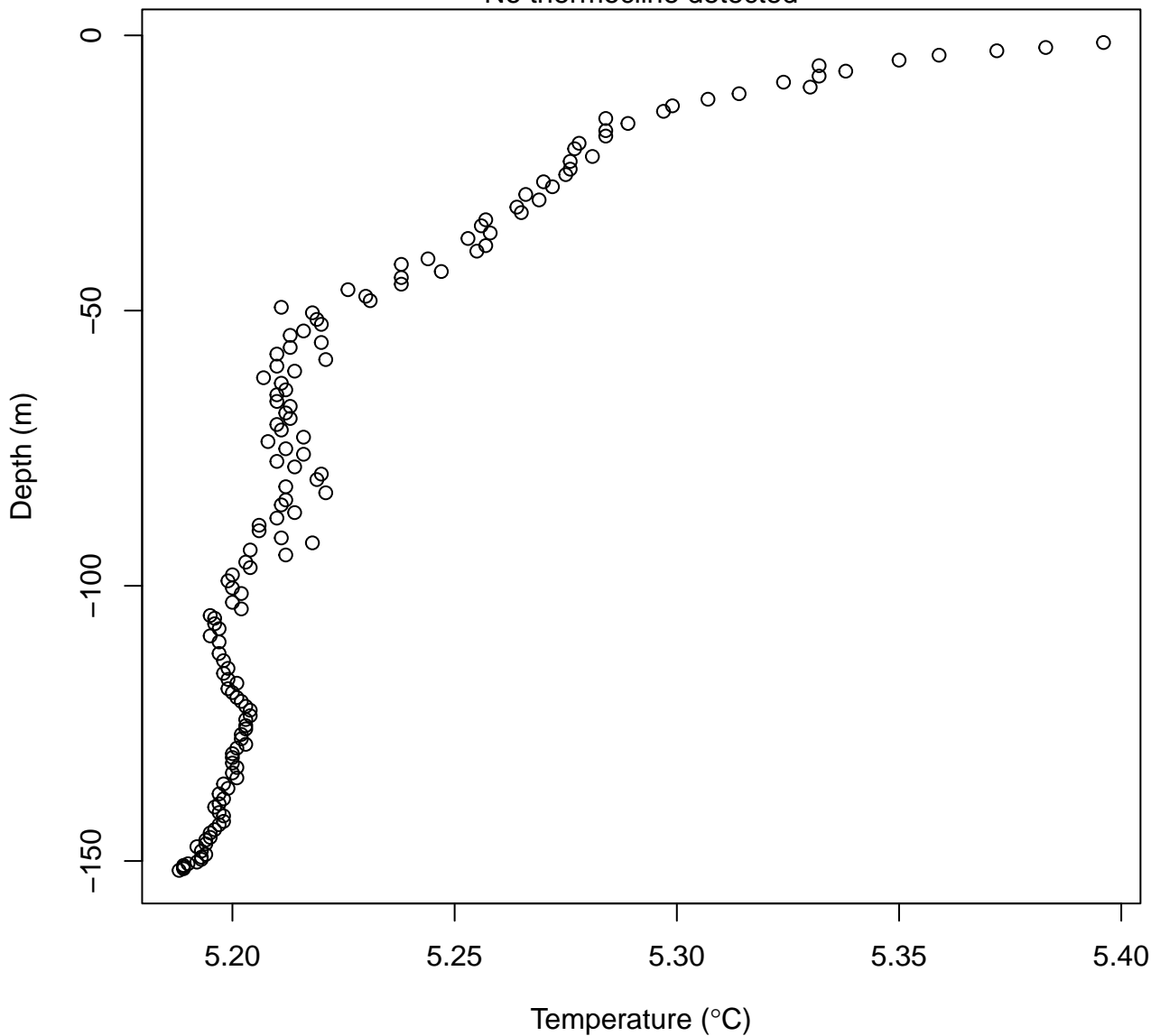
Vessel 148 Cruise 202201 Haul 120

Thermocline Depth = 9.9 m temp change rate = -0.357



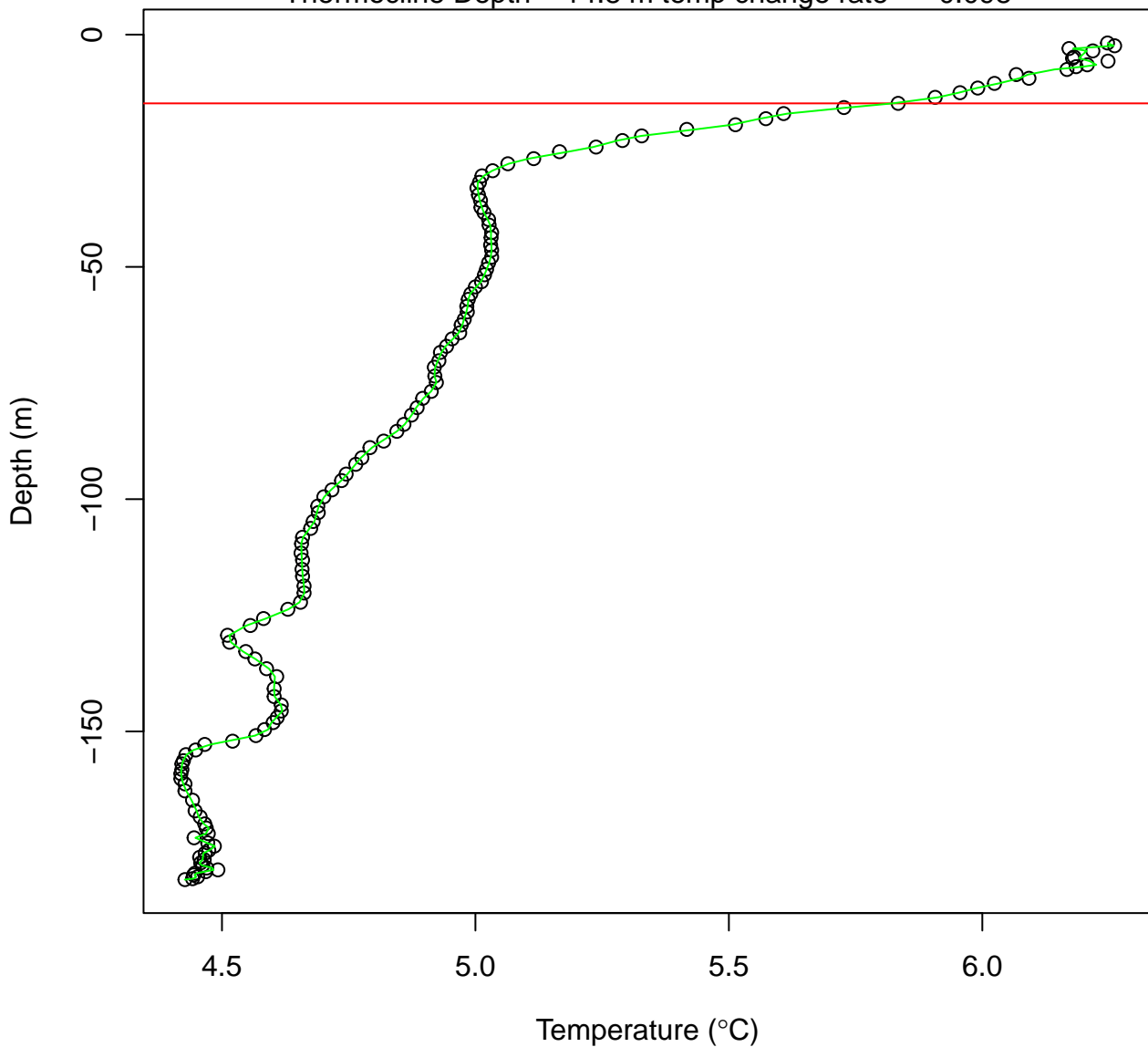
Vessel 148 Cruise 202201 Haul 121

No thermocline detected



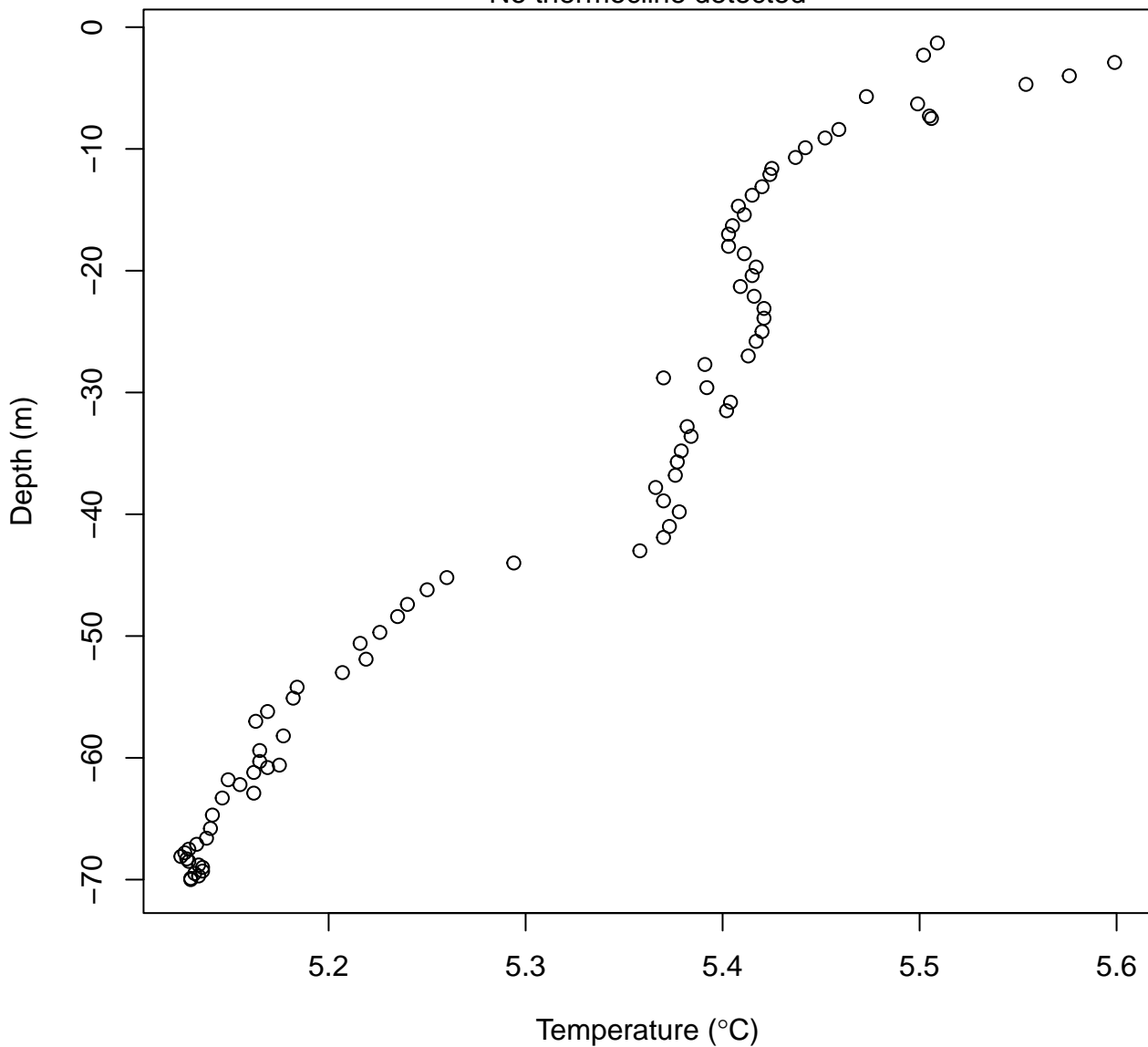
Vessel 148 Cruise 202201 Haul 122

Thermocline Depth = 14.8 m temp change rate = -0.098



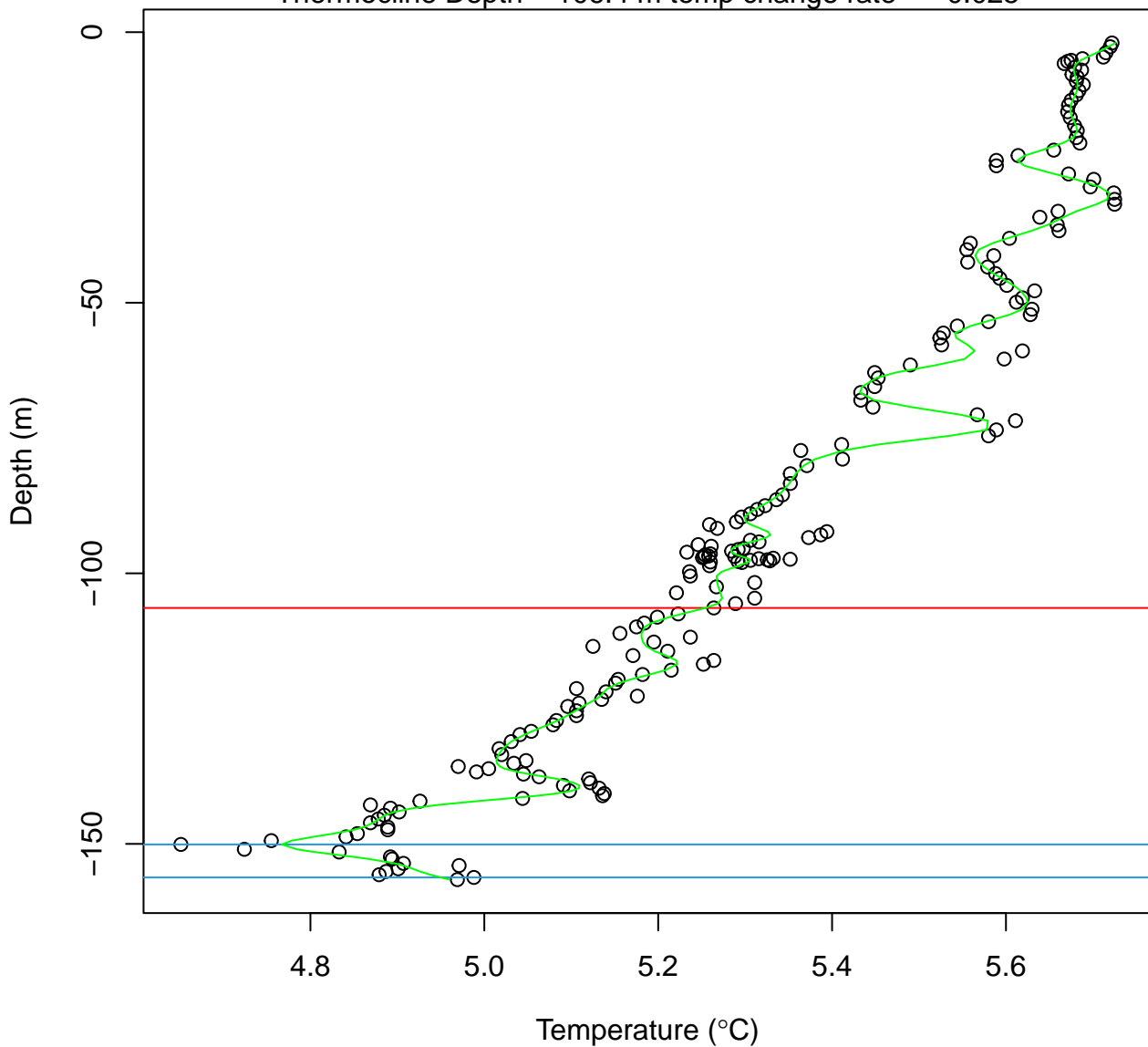
Vessel 148 Cruise 202201 Haul 123

No thermocline detected



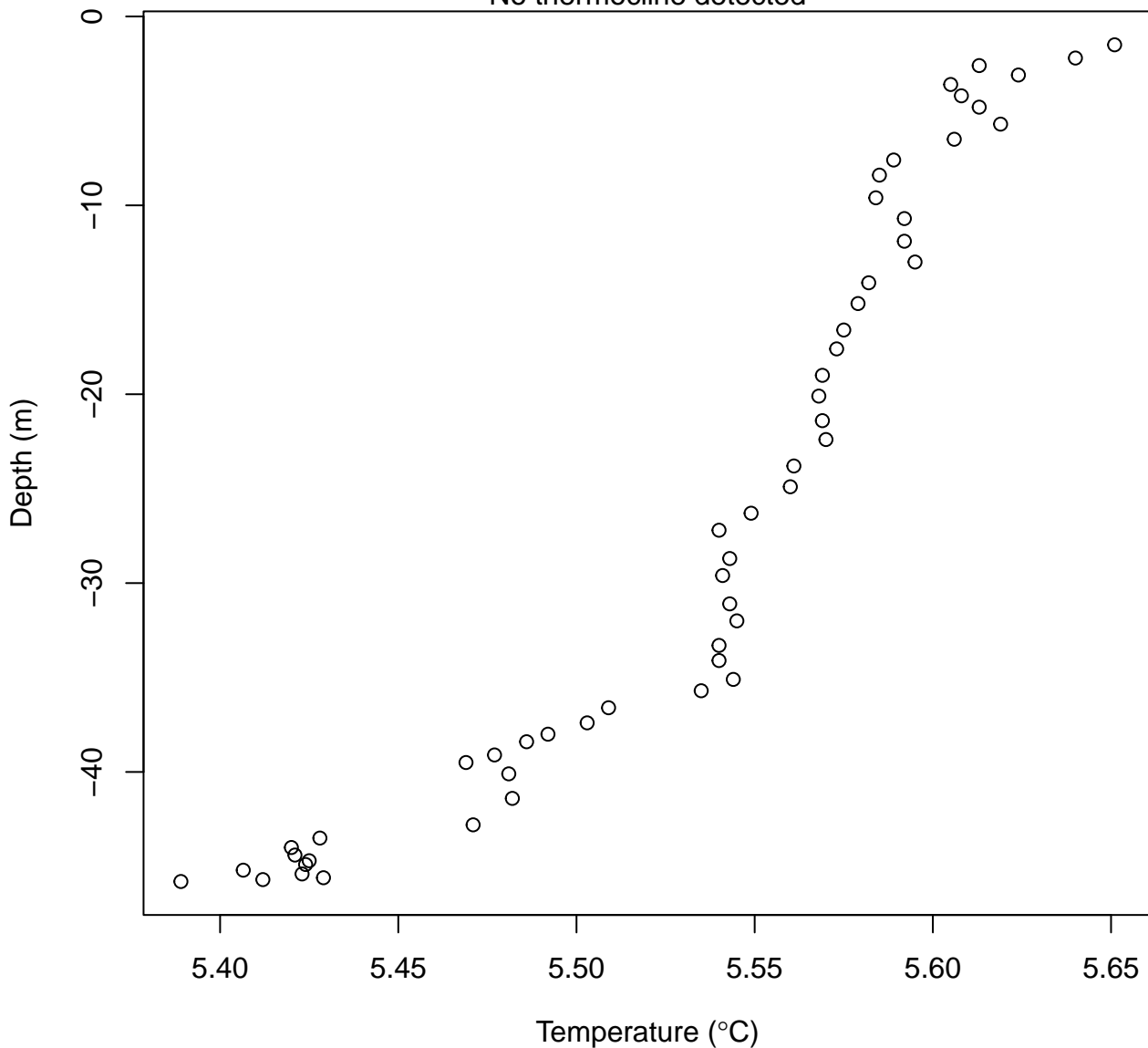
Vessel 148 Cruise 202201 Haul 124

Thermocline Depth = 106.4 m temp change rate = -0.025



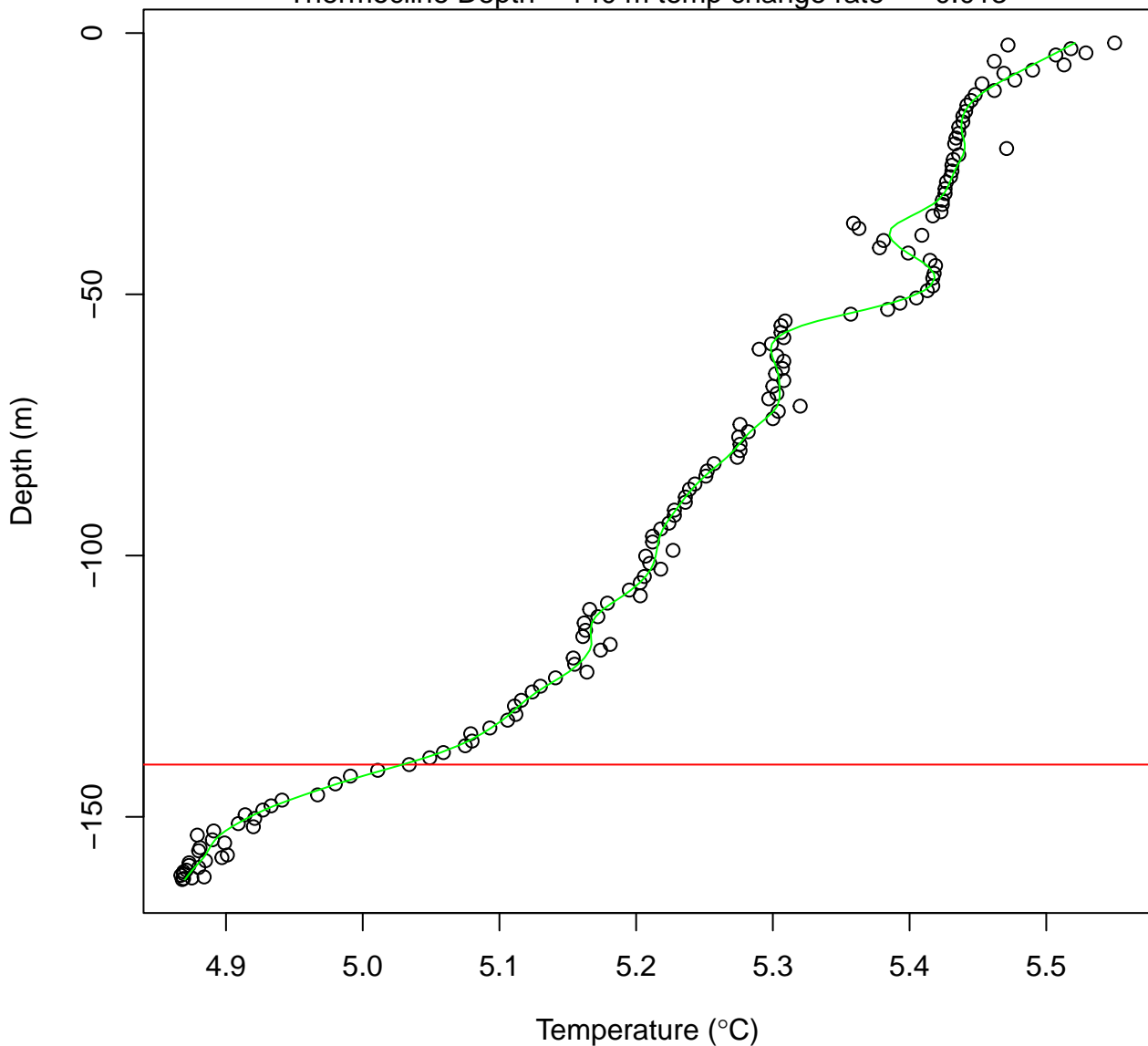
Vessel 148 Cruise 202201 Haul 125

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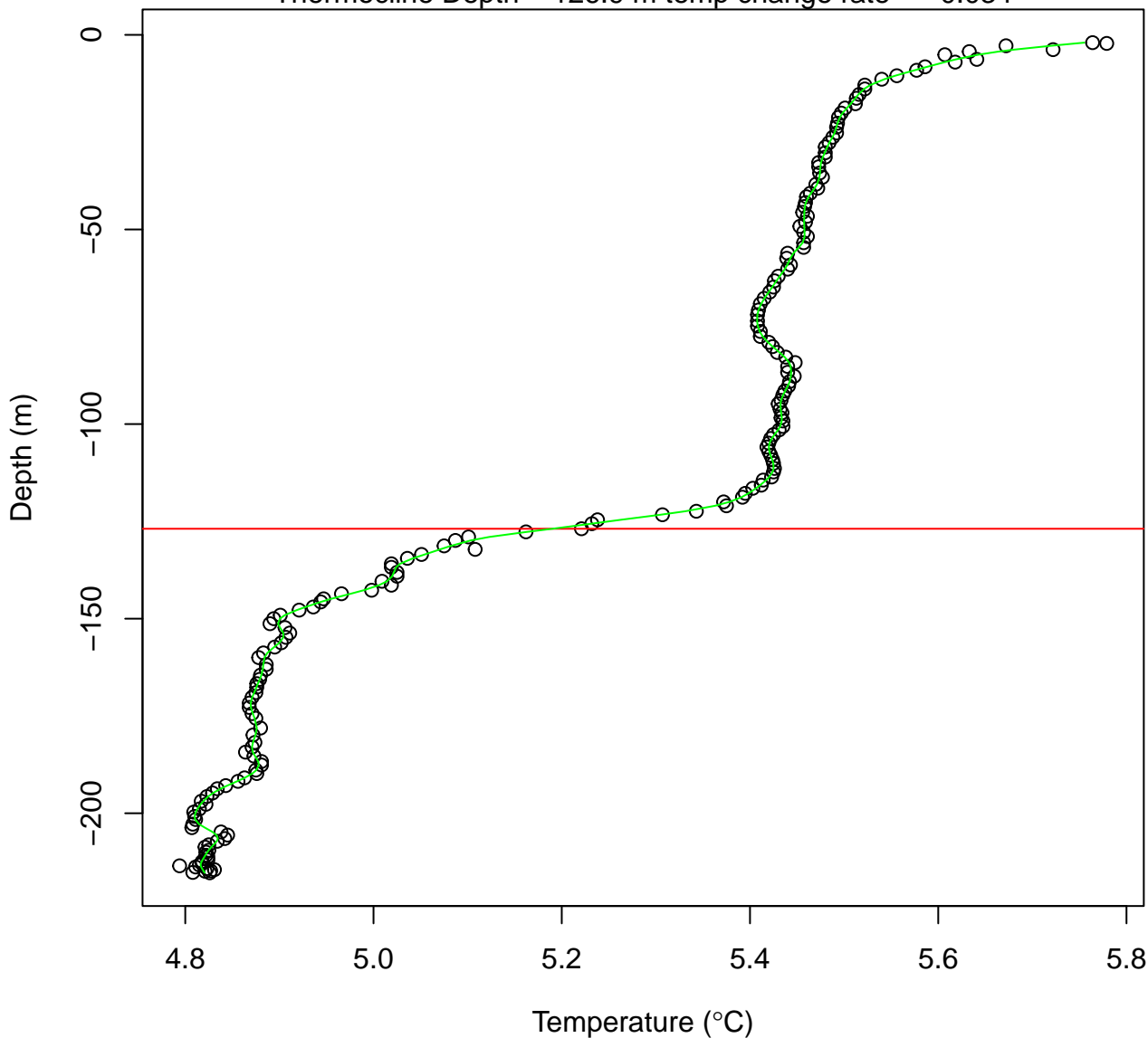
Vessel 148 Cruise 202201 Haul 126

Thermocline Depth = 140 m temp change rate = -0.013



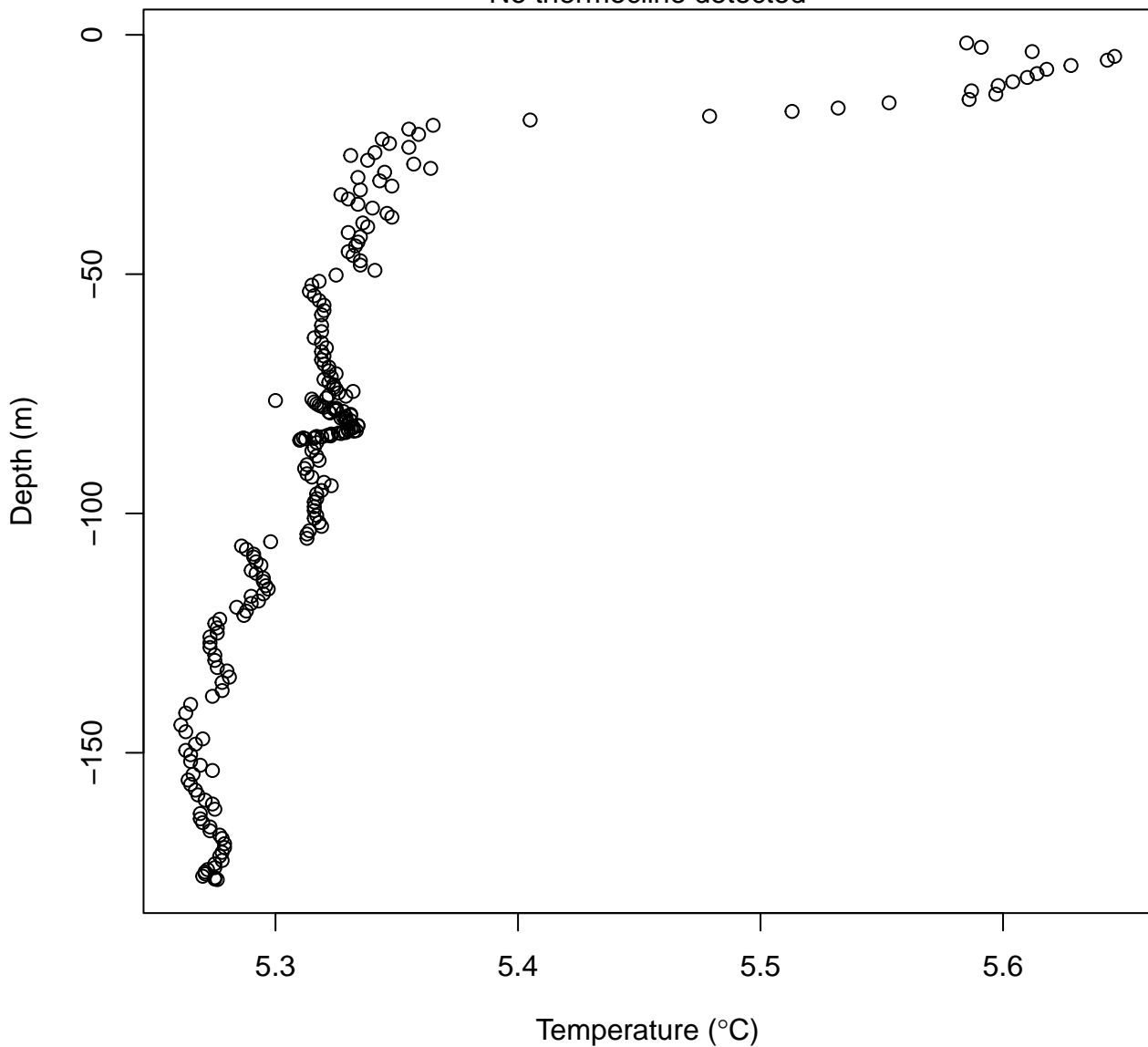
Vessel 148 Cruise 202201 Haul 127

Thermocline Depth = 126.9 m temp change rate = -0.034



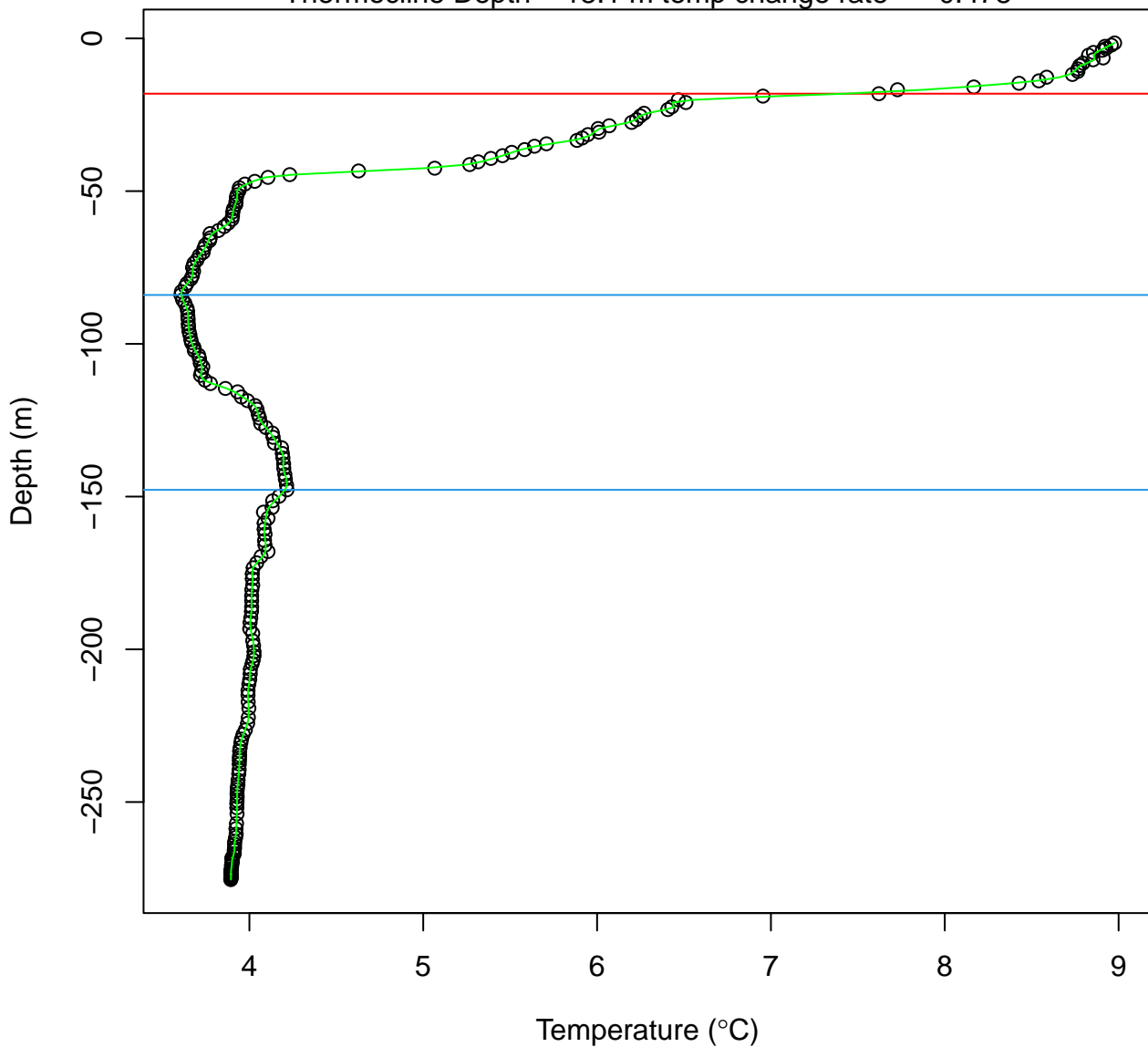
Vessel 148 Cruise 202201 Haul 128

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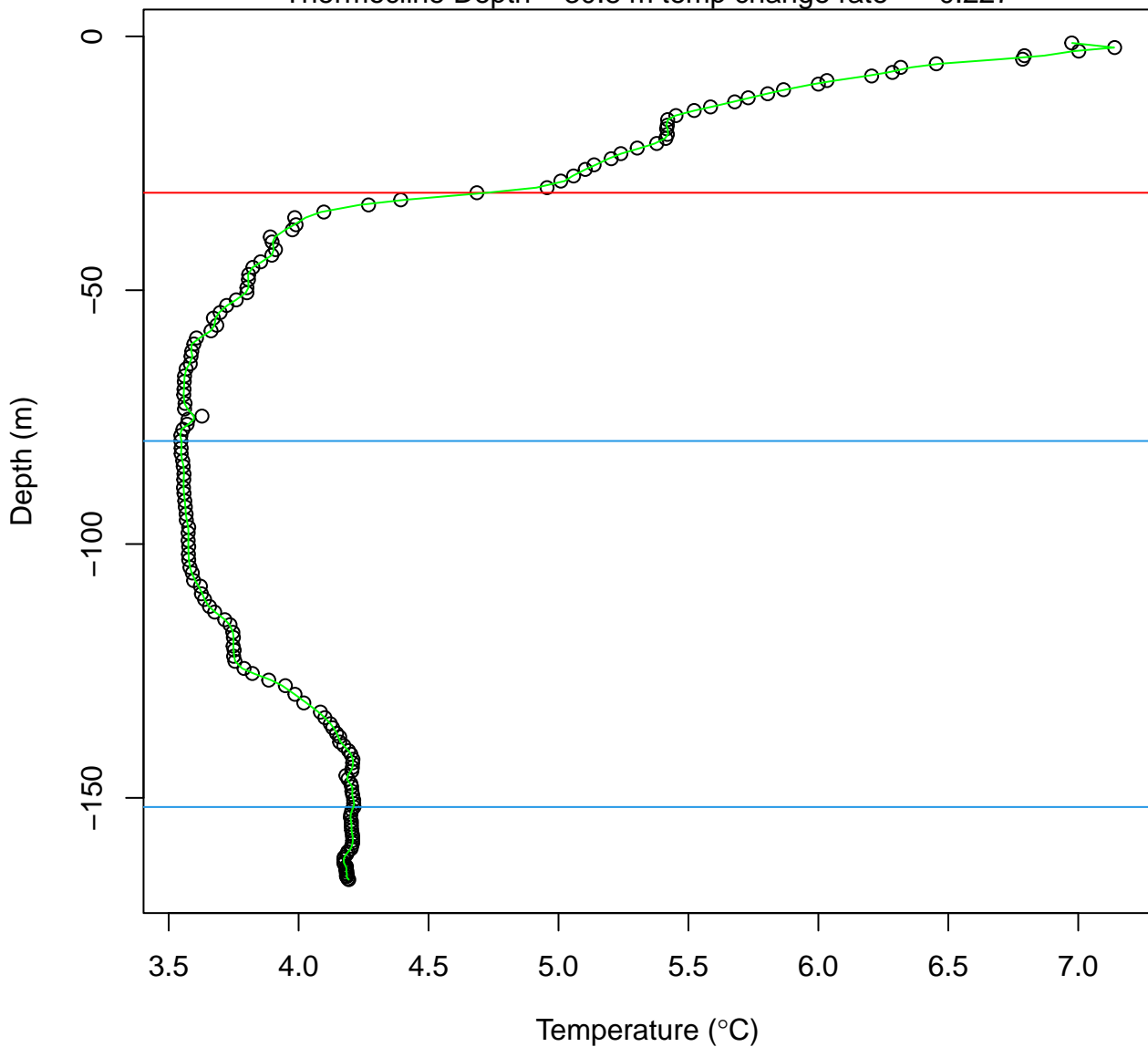
Vessel 148 Cruise 202201 Haul 129

Thermocline Depth = 18.1 m temp change rate = -0.478



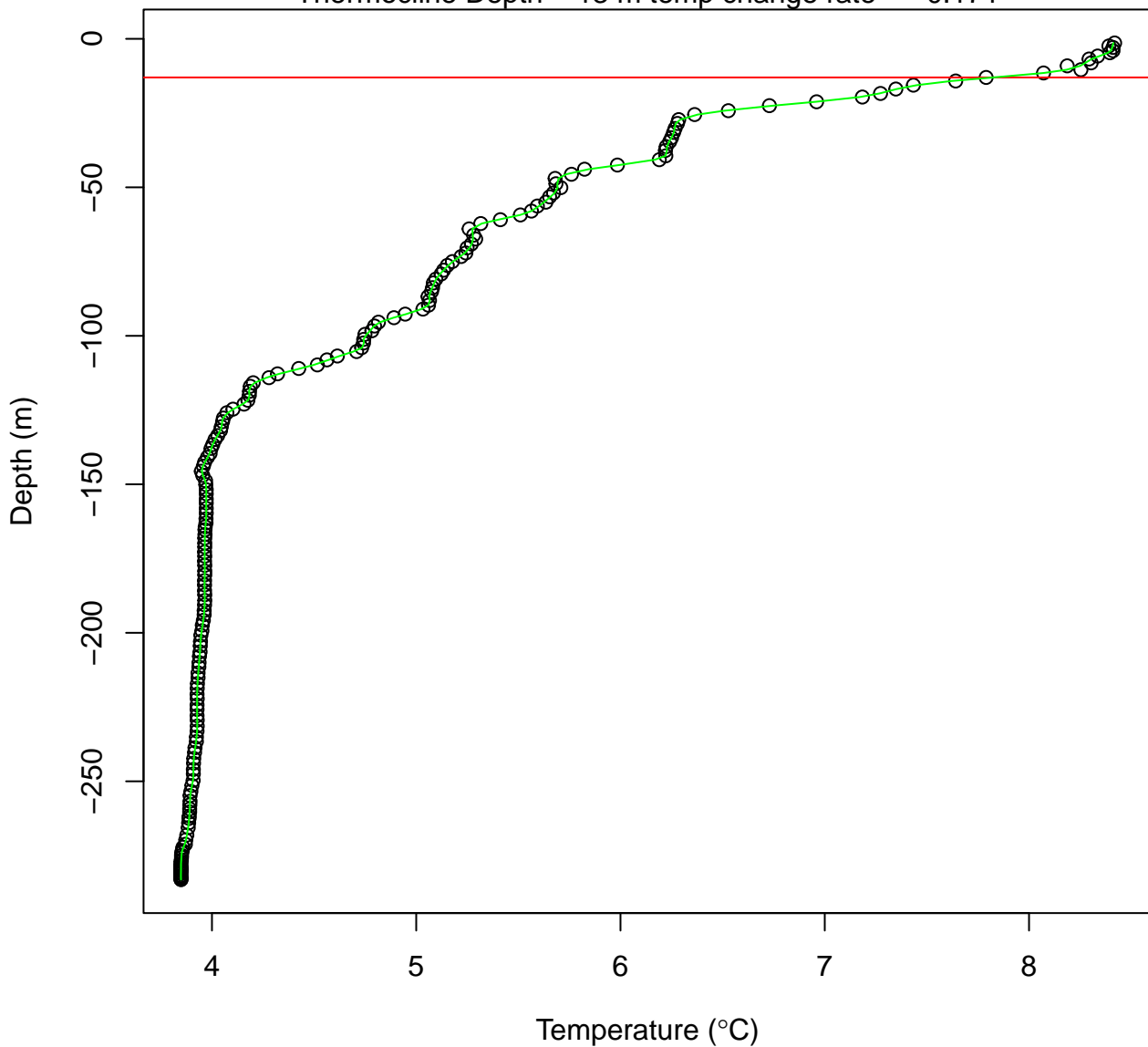
Vessel 148 Cruise 202201 Haul 130

Thermocline Depth = 30.8 m temp change rate = -0.227



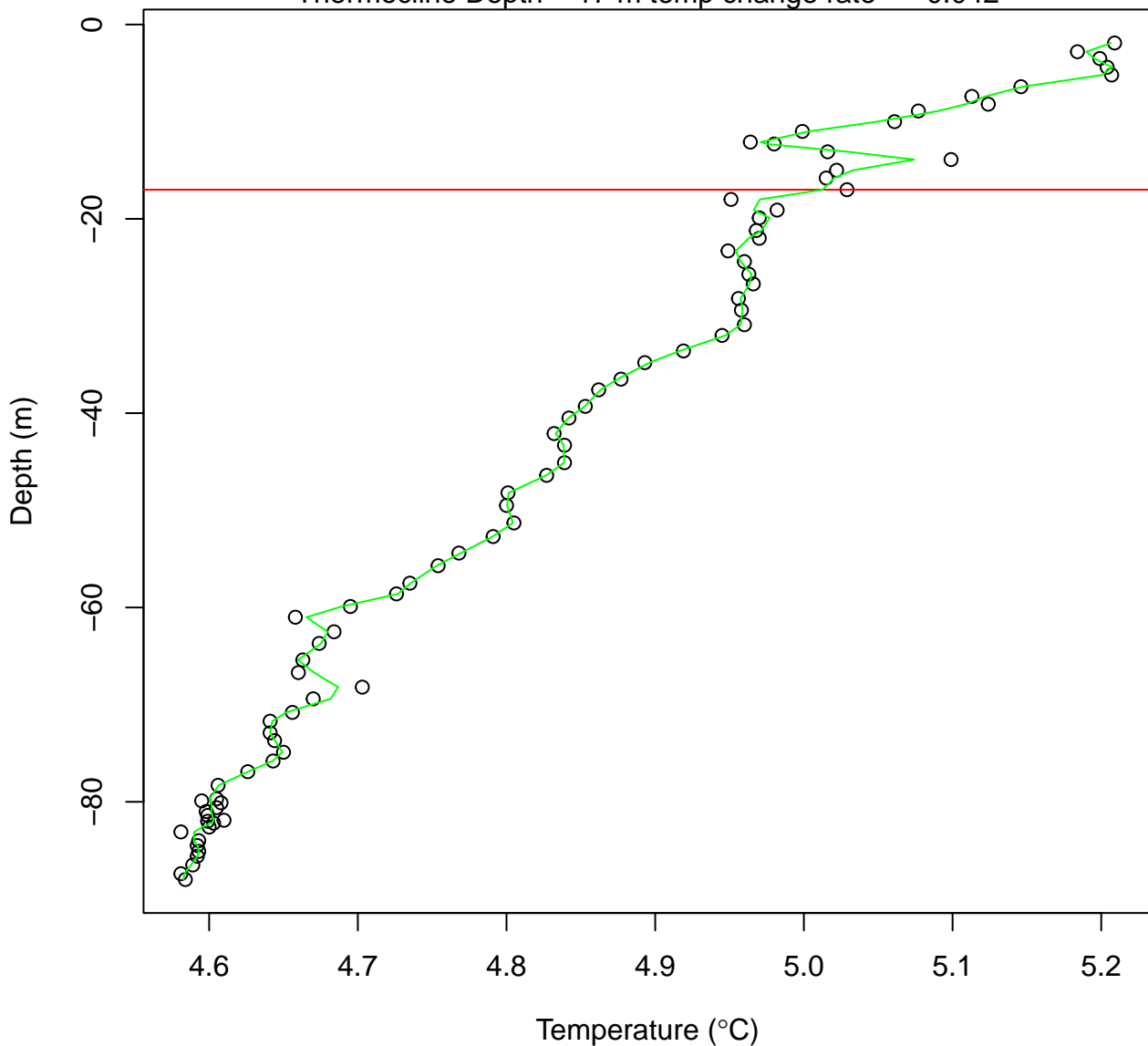
Vessel 148 Cruise 202201 Haul 131

Thermocline Depth = 13 m temp change rate = -0.171



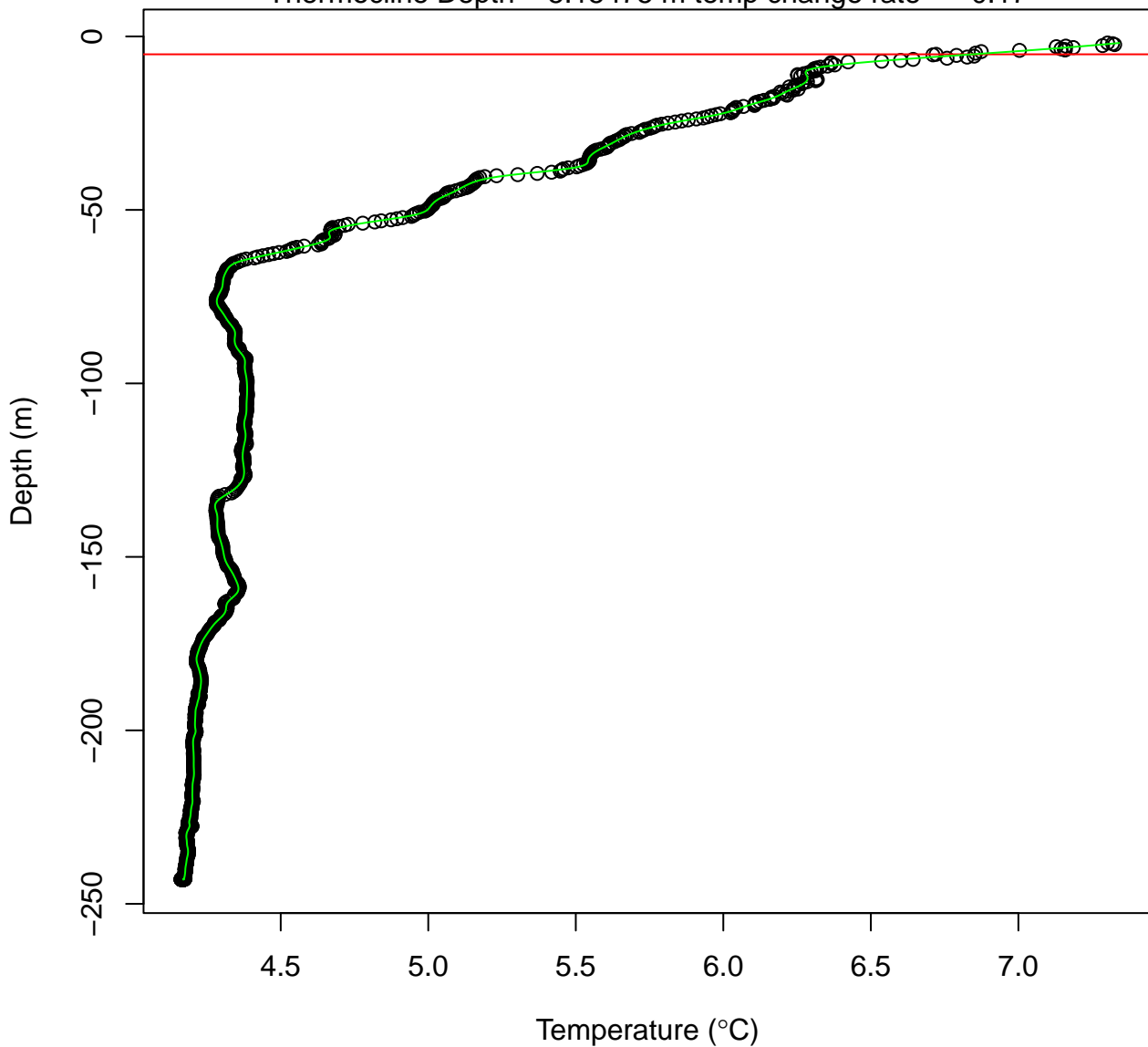
Vessel 148 Cruise 202201 Haul 132

Thermocline Depth = 17 m temp change rate = -0.042



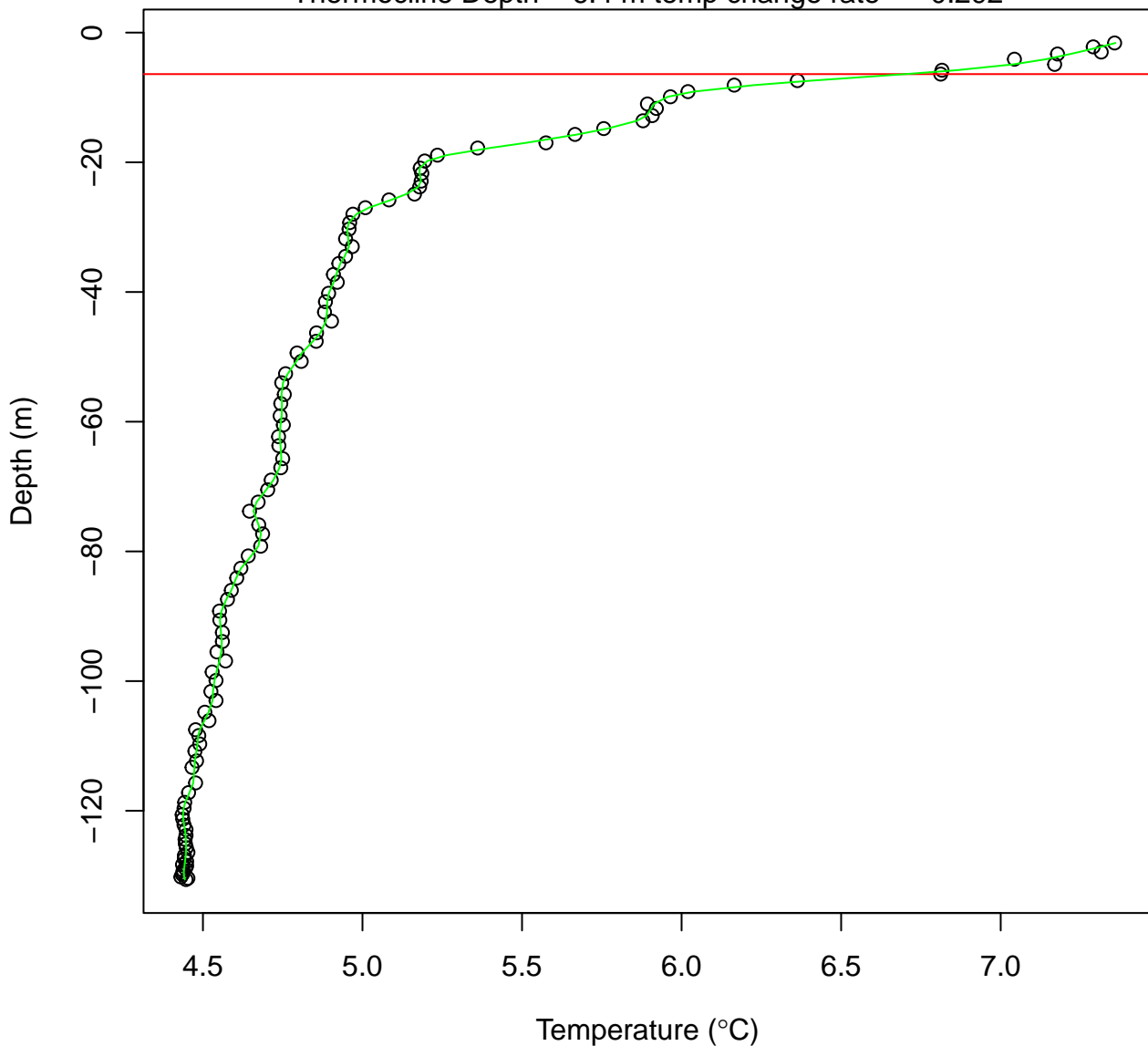
Vessel 148 Cruise 202201 Haul 133

Thermocline Depth = 5.15475 m temp change rate = -0.17



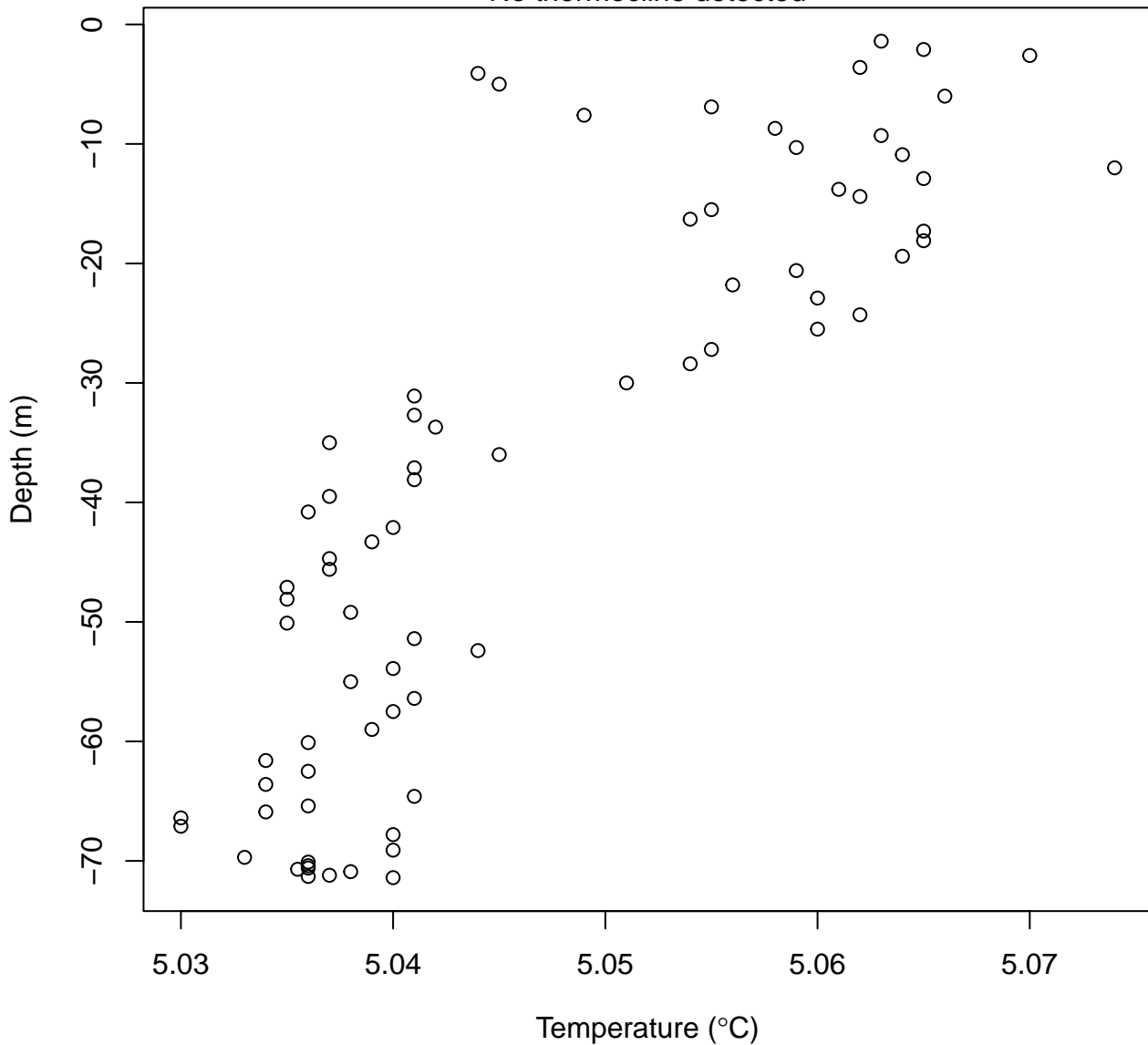
Vessel 148 Cruise 202201 Haul 134

Thermocline Depth = 6.4 m temp change rate = -0.292



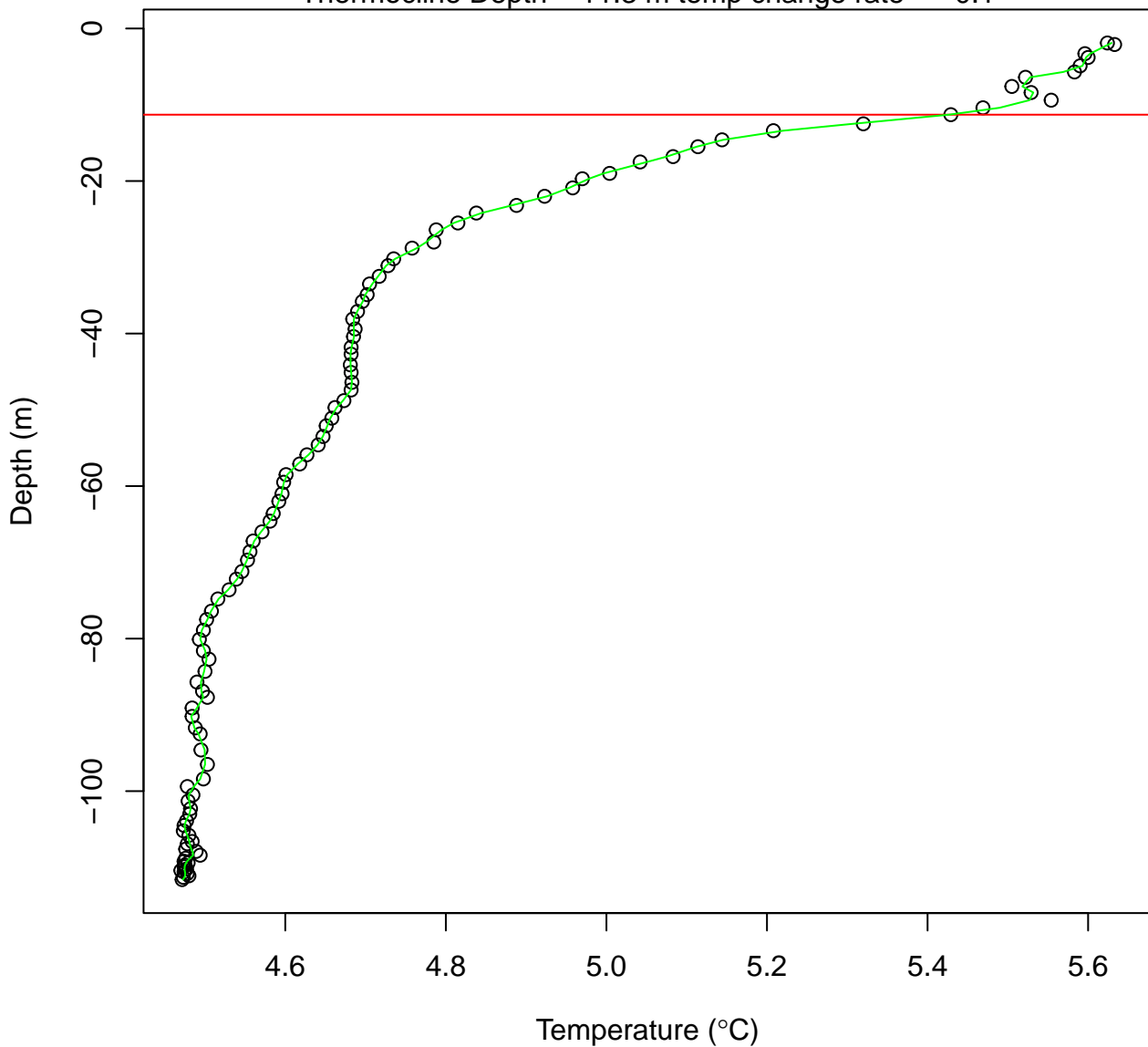
Vessel 148 Cruise 202201 Haul 135

No thermocline detected



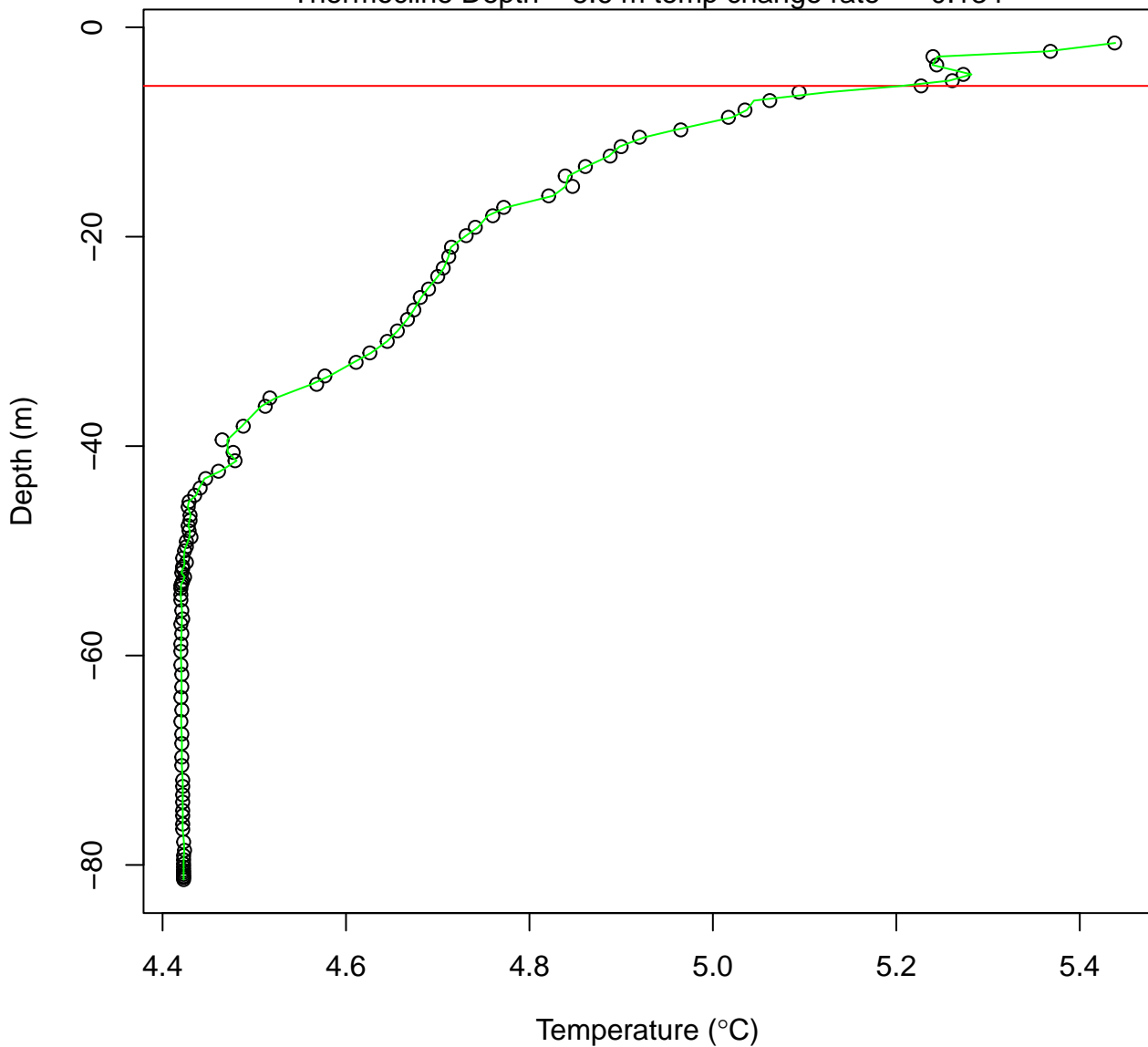
Vessel 148 Cruise 202201 Haul 136

Thermocline Depth = 11.3 m temp change rate = -0.1



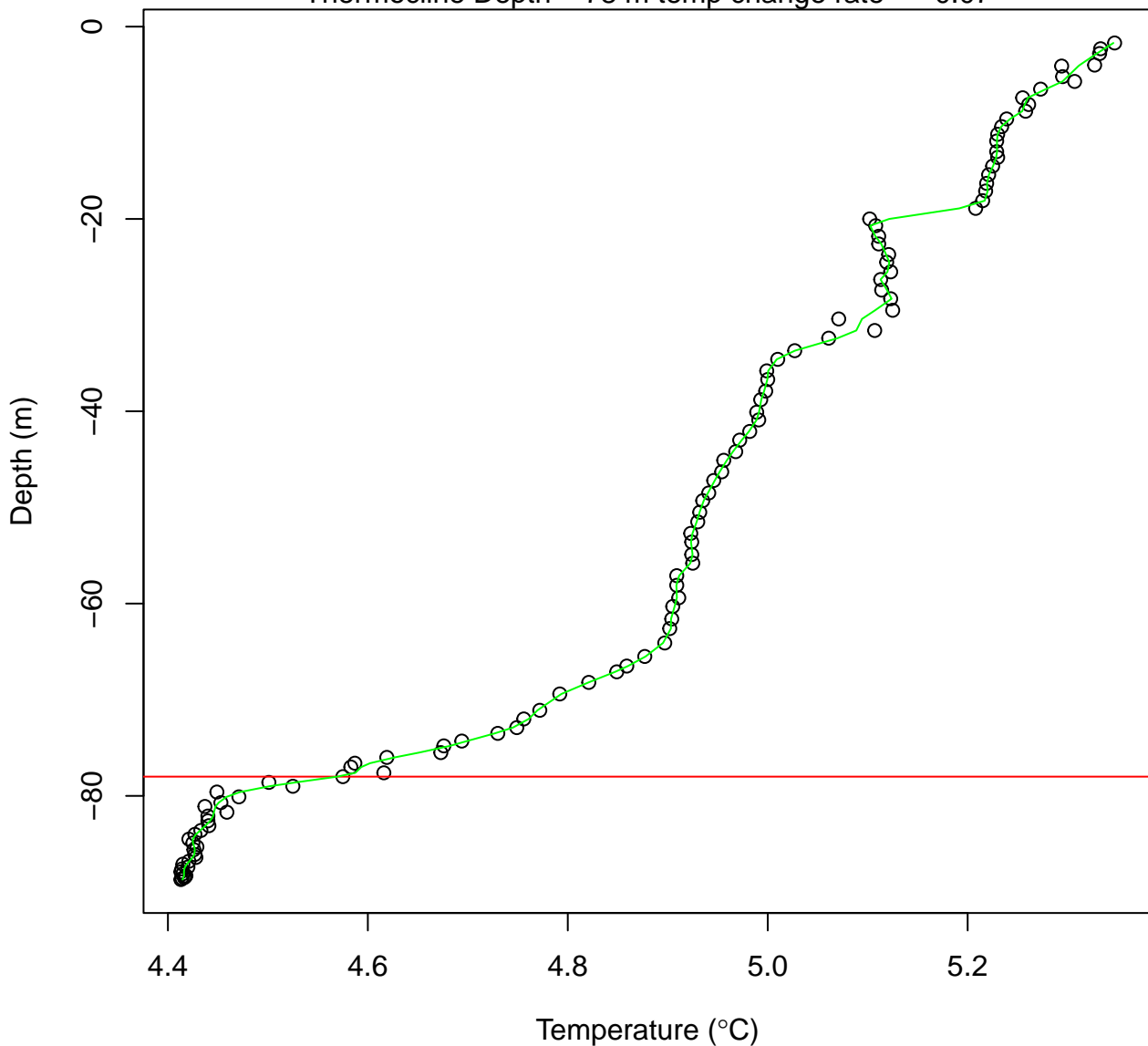
Vessel 148 Cruise 202201 Haul 137

Thermocline Depth = 5.6 m temp change rate = -0.134



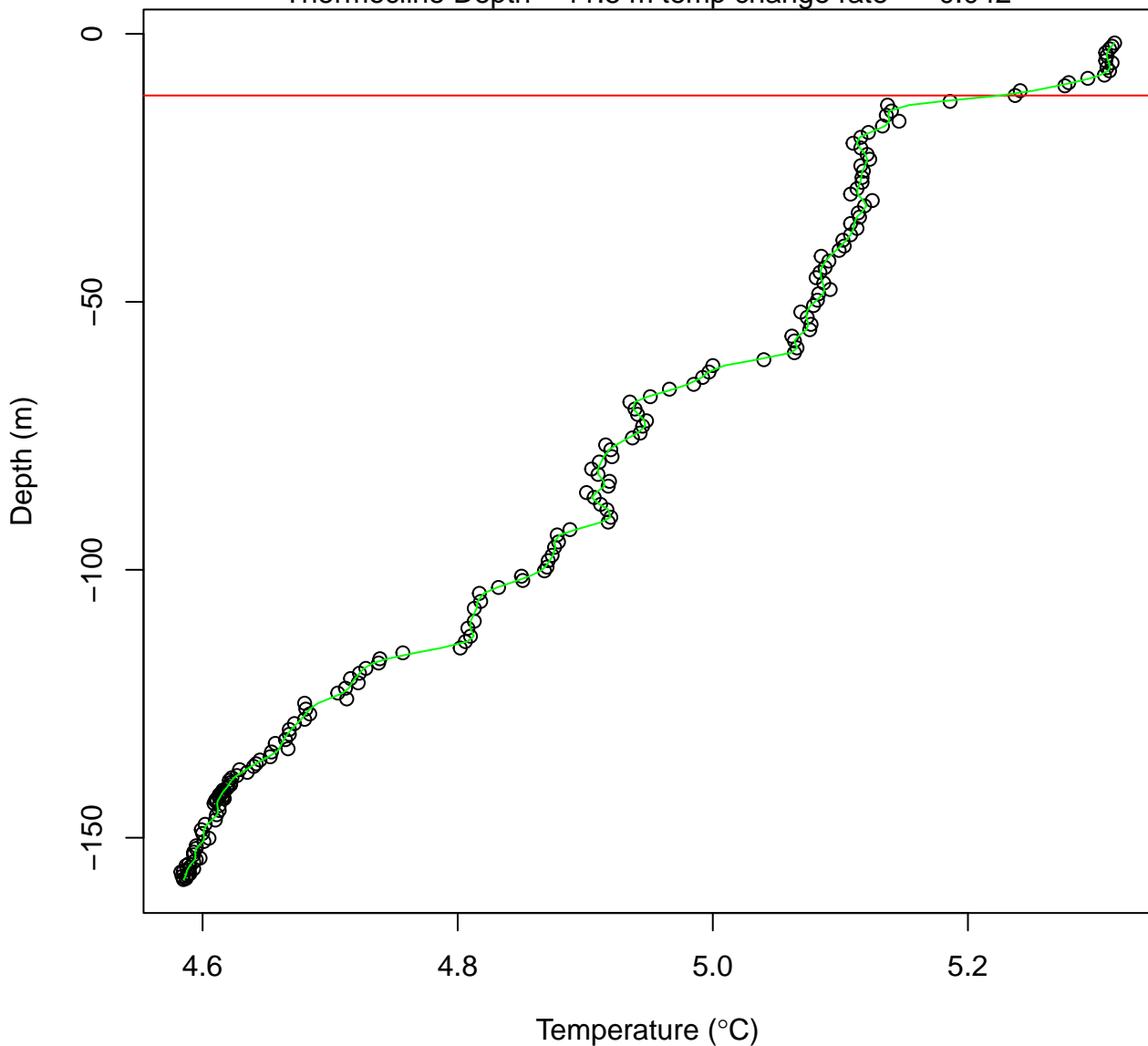
Vessel 148 Cruise 202201 Haul 138

Thermocline Depth = 78 m temp change rate = -0.07



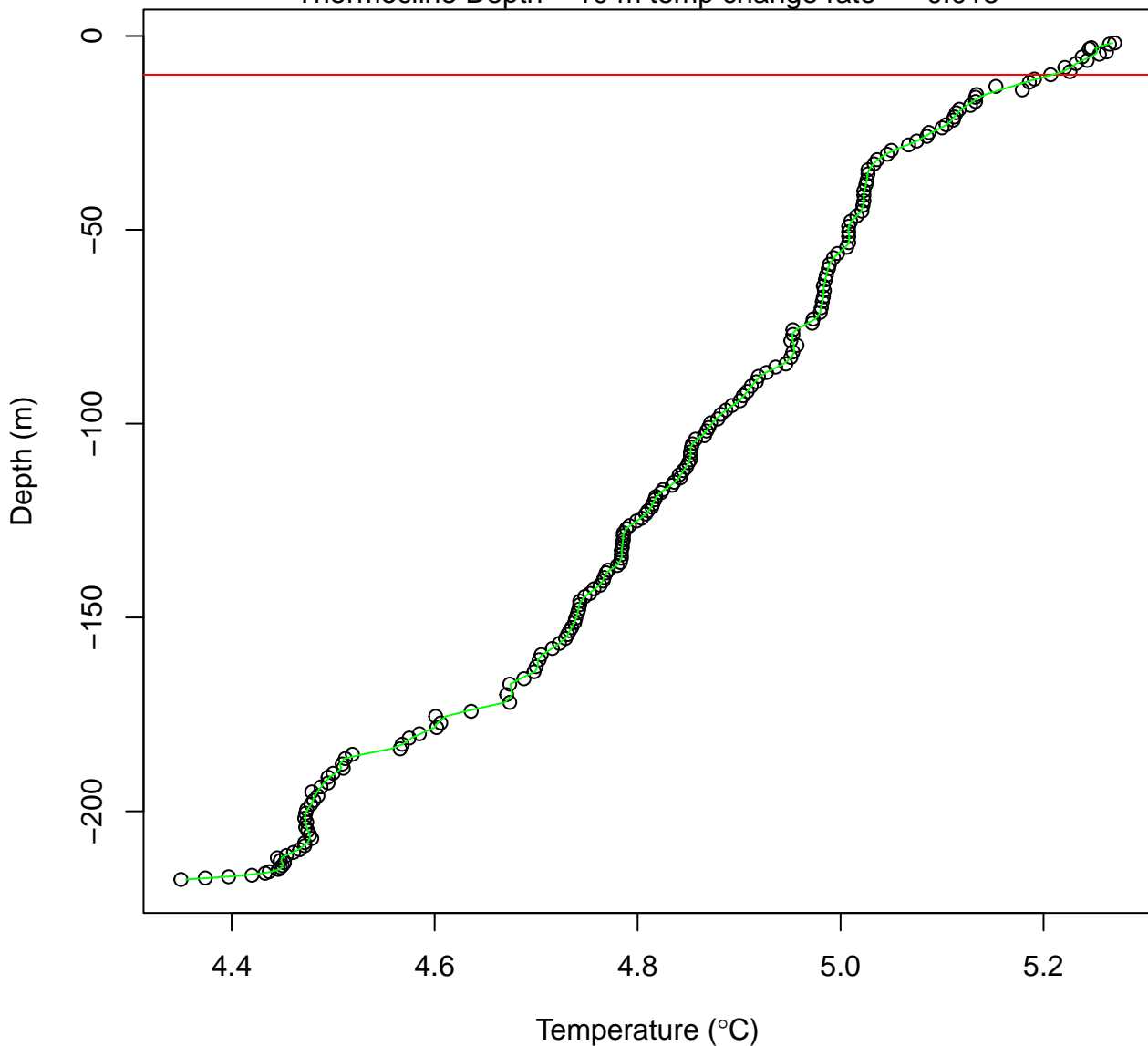
Vessel 148 Cruise 202201 Haul 139

Thermocline Depth = 11.5 m temp change rate = -0.042



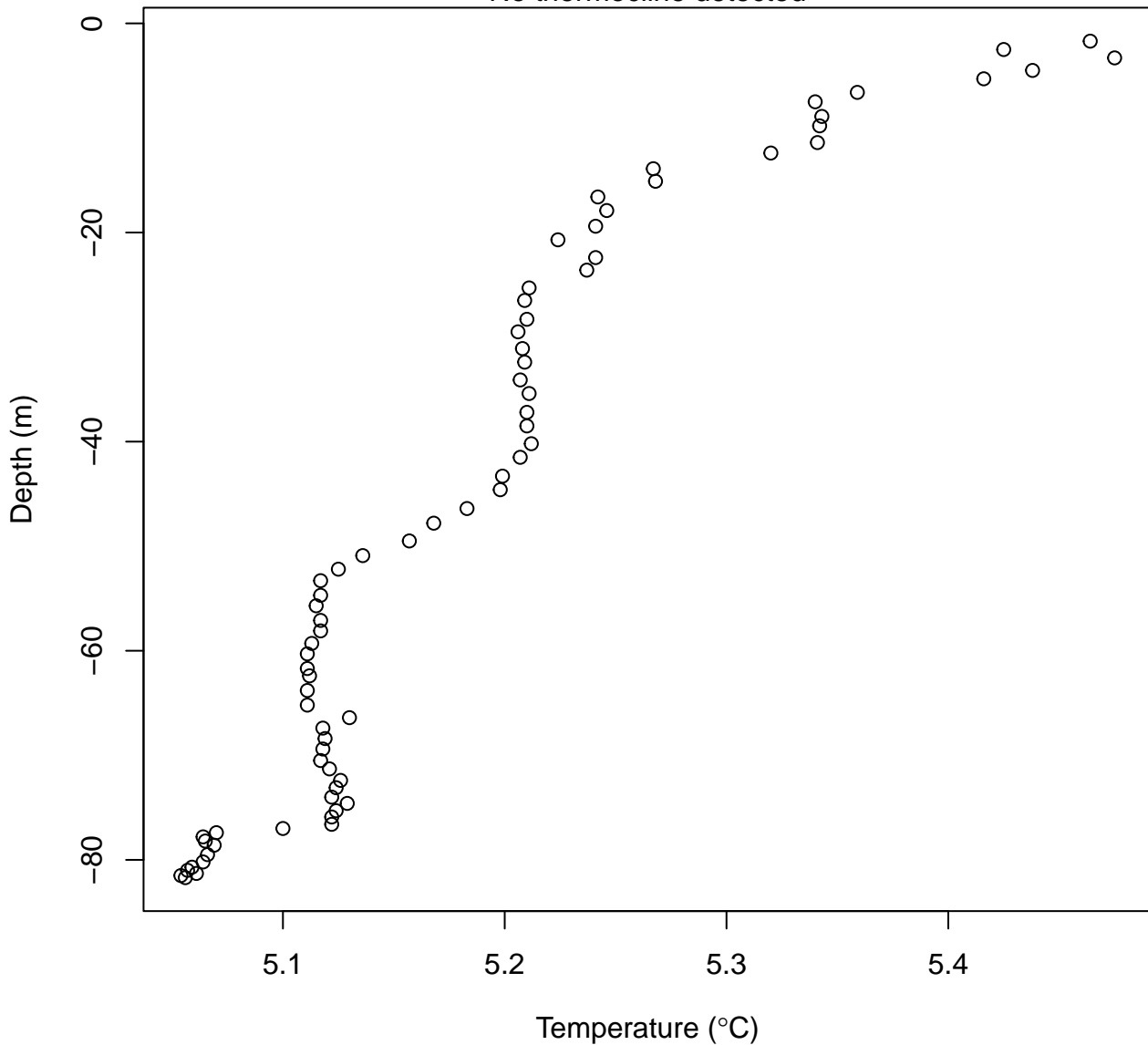
Vessel 148 Cruise 202201 Haul 140

Thermocline Depth = 10 m temp change rate = -0.015



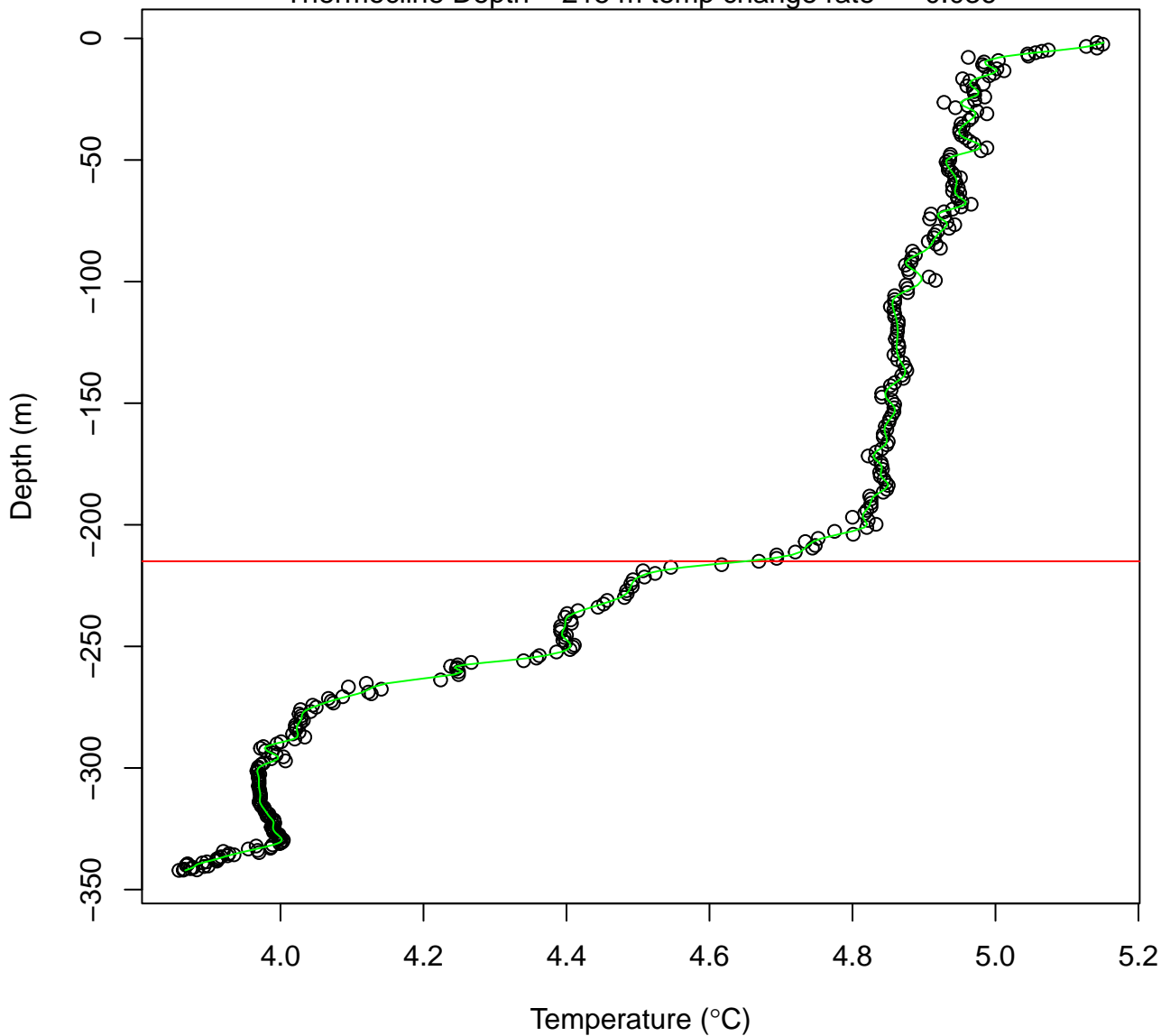
Vessel 148 Cruise 202201 Haul 141

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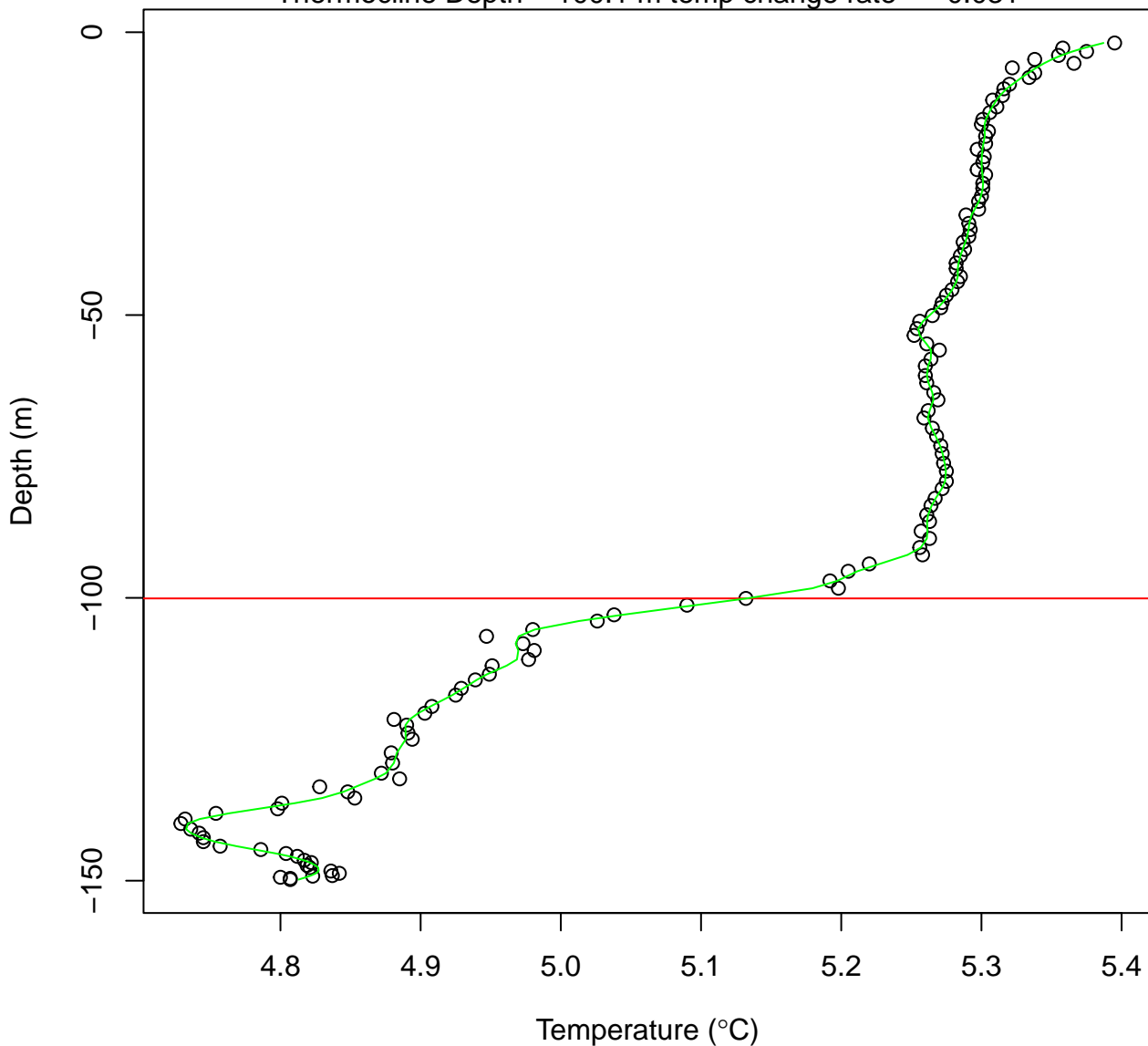
Vessel 148 Cruise 202201 Haul 142

Thermocline Depth = 215 m temp change rate = -0.036



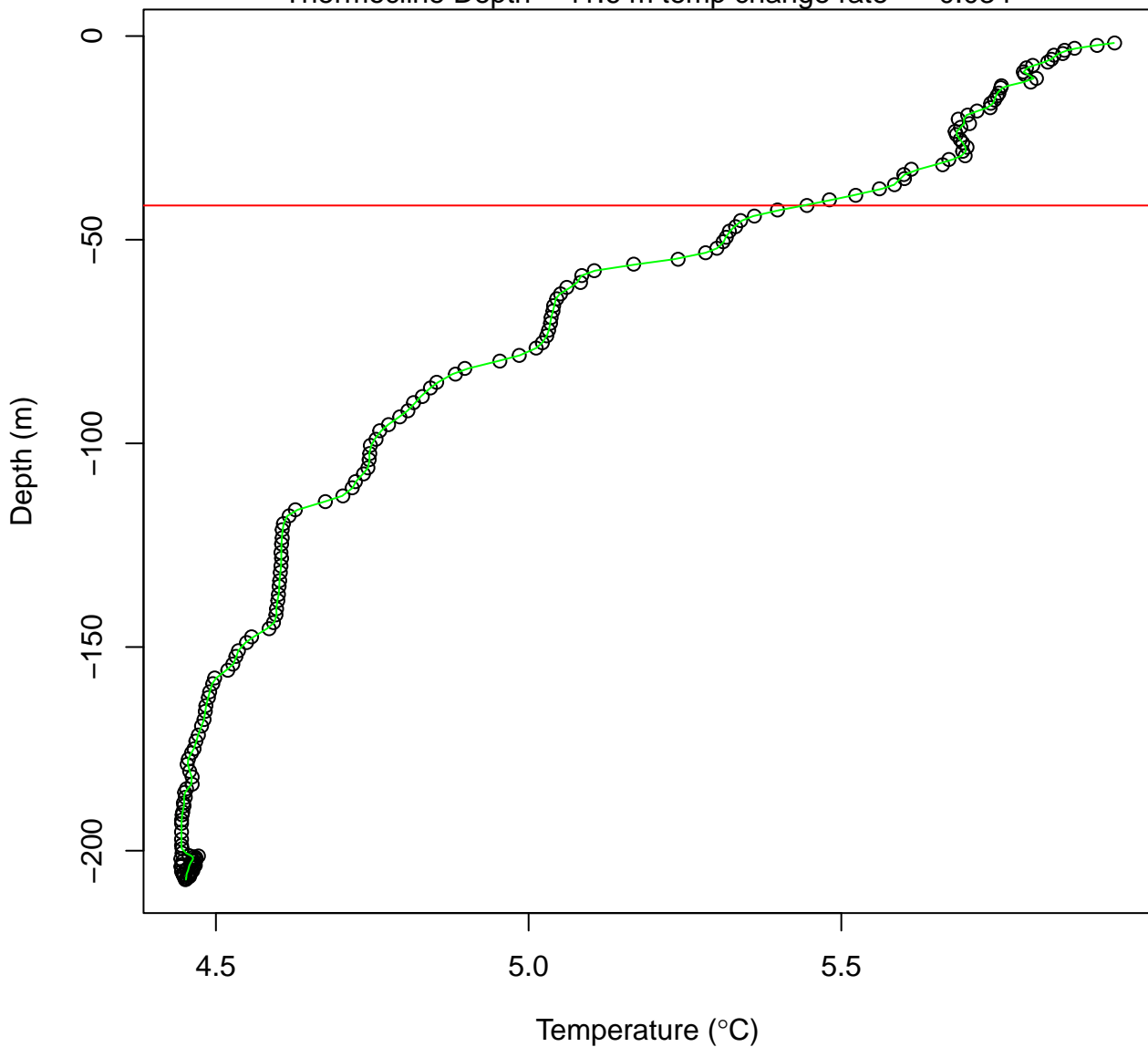
Vessel 148 Cruise 202201 Haul 143

Thermocline Depth = 100.1 m temp change rate = -0.031



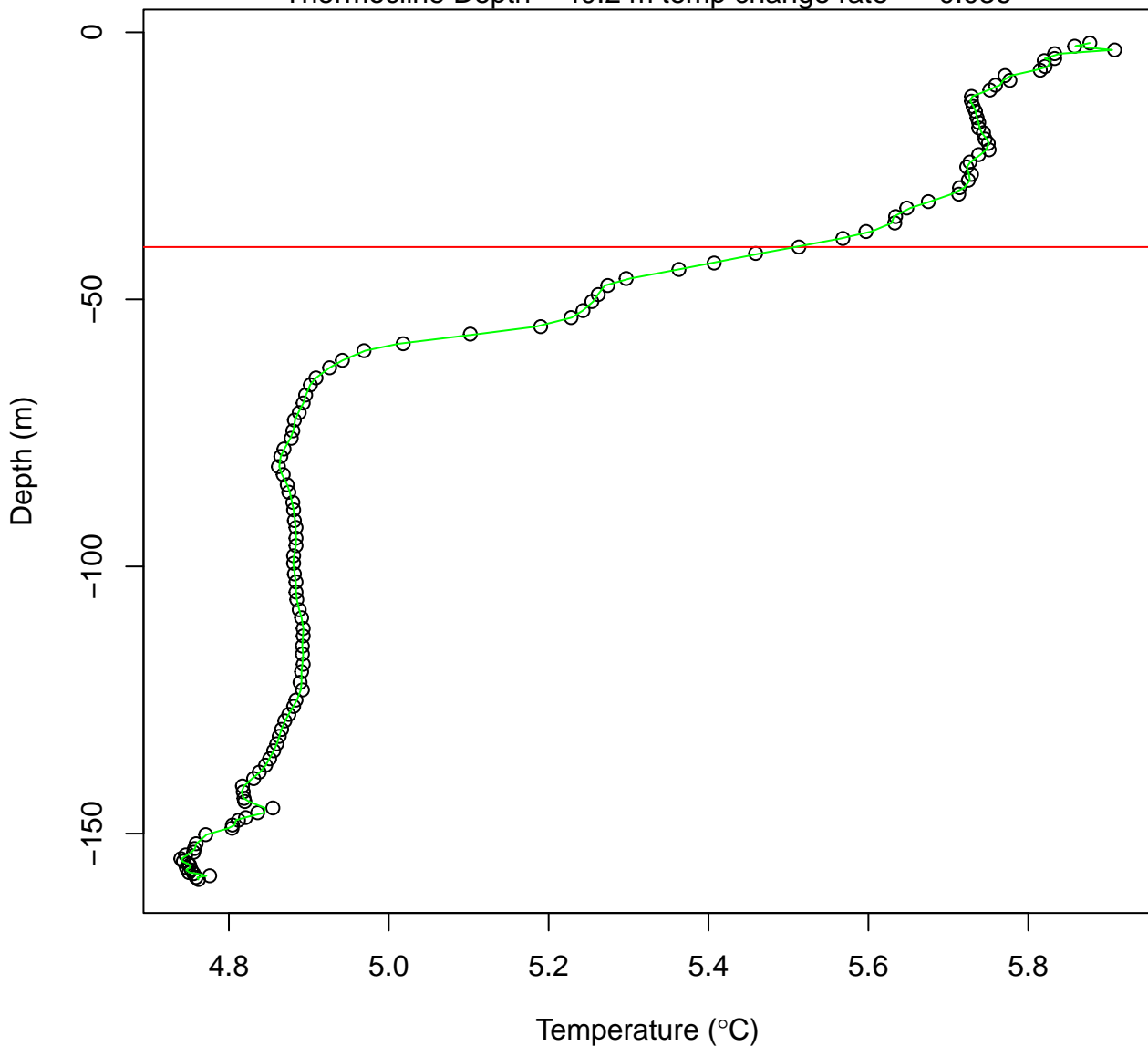
Vessel 148 Cruise 202201 Haul 144

Thermocline Depth = 41.6 m temp change rate = -0.034



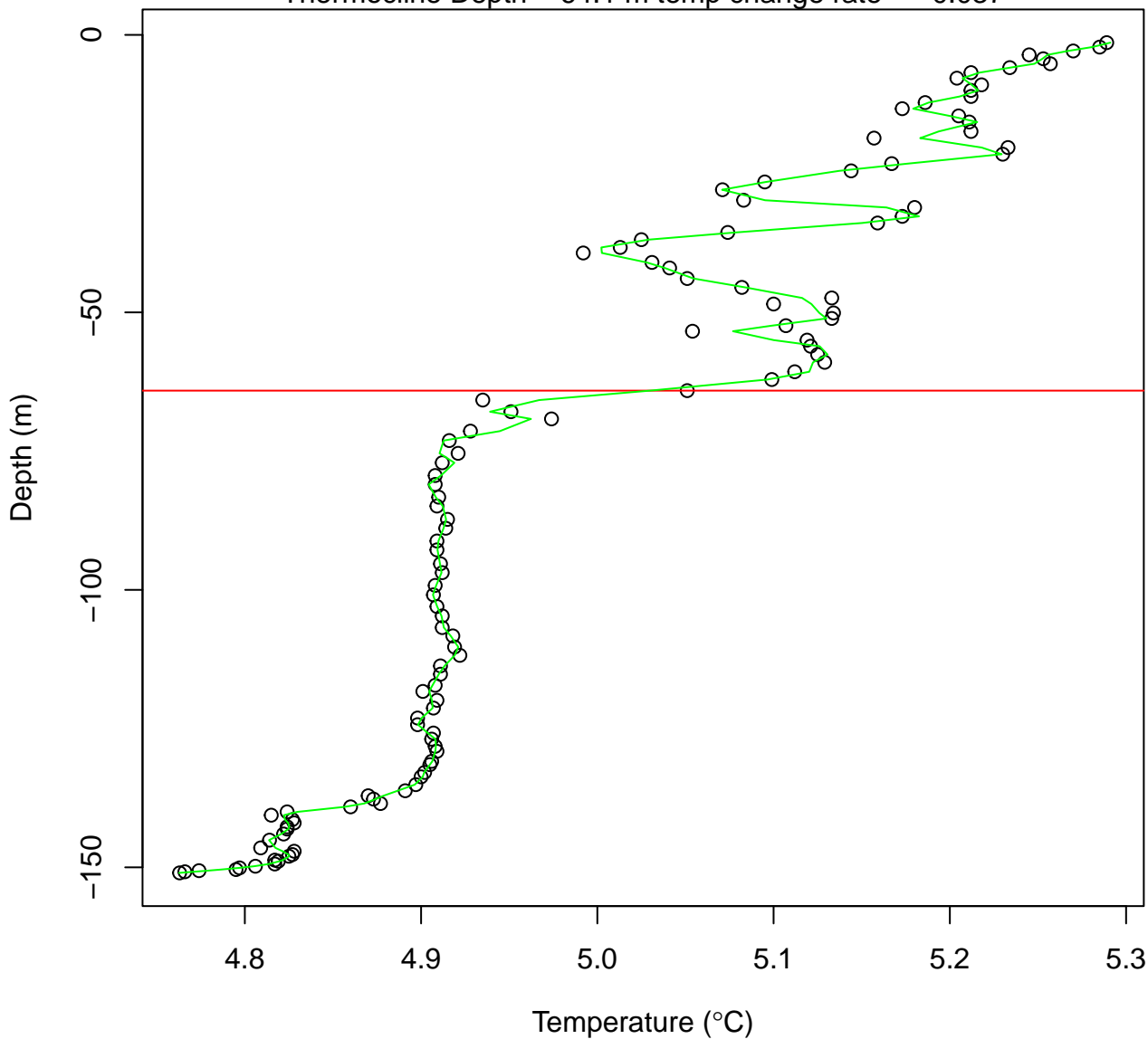
Vessel 148 Cruise 202201 Haul 145

Thermocline Depth = 40.2 m temp change rate = -0.036



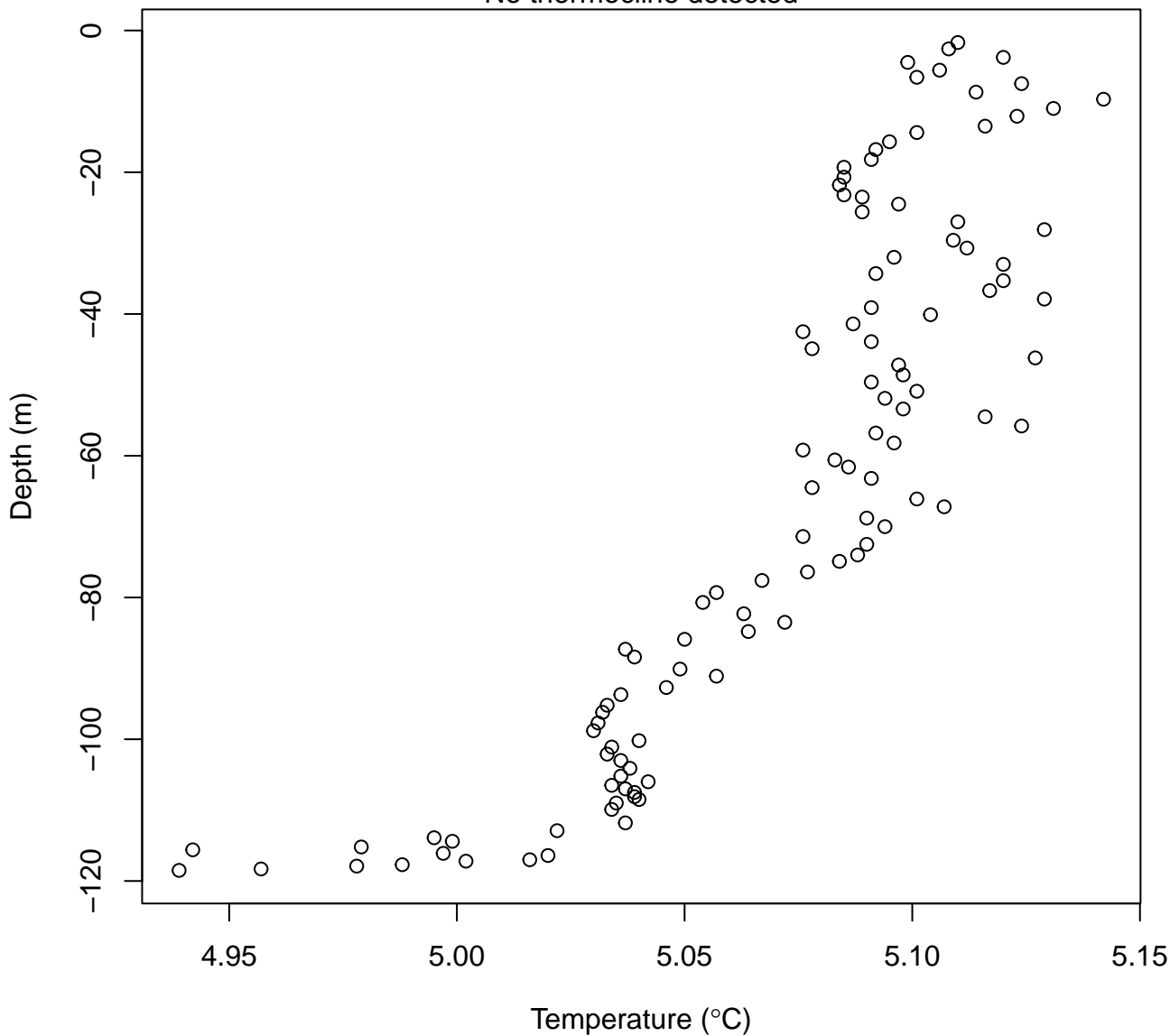
Vessel 148 Cruise 202201 Haul 146

Thermocline Depth = 64.1 m temp change rate = -0.037



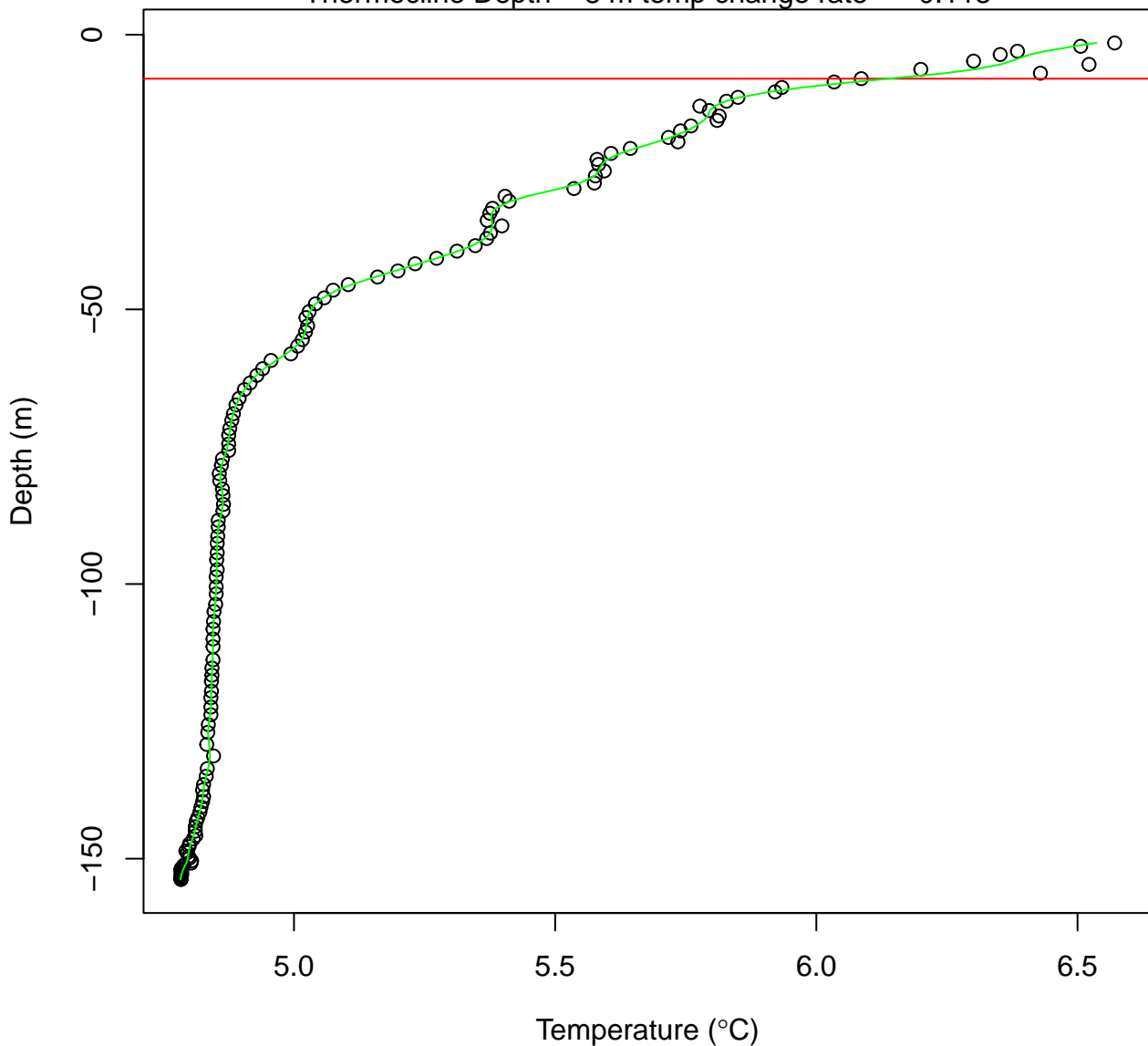
Vessel 148 Cruise 202201 Haul 147

No thermocline detected



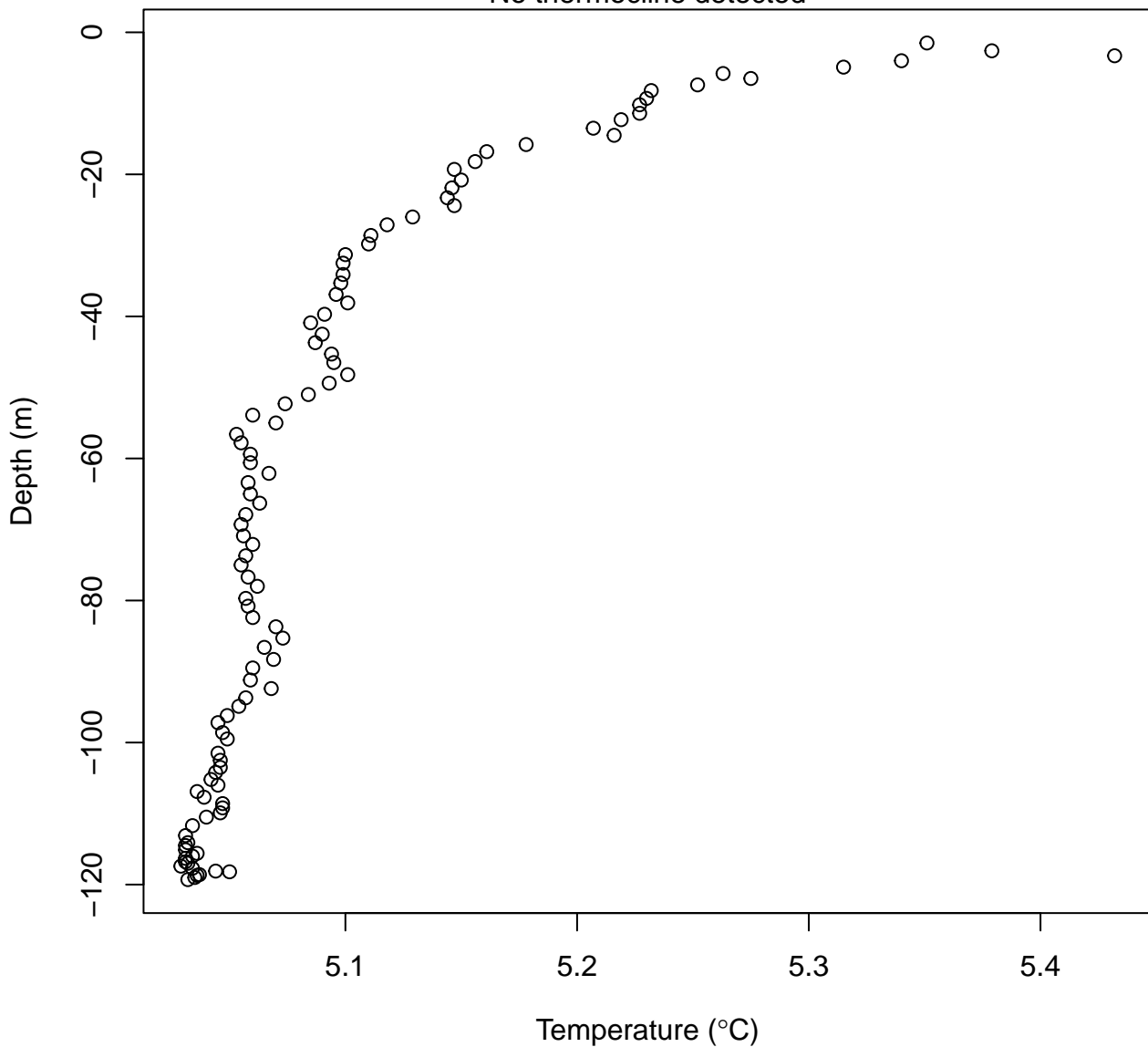
Vessel 148 Cruise 202201 Haul 148

Thermocline Depth = 8 m temp change rate = -0.113



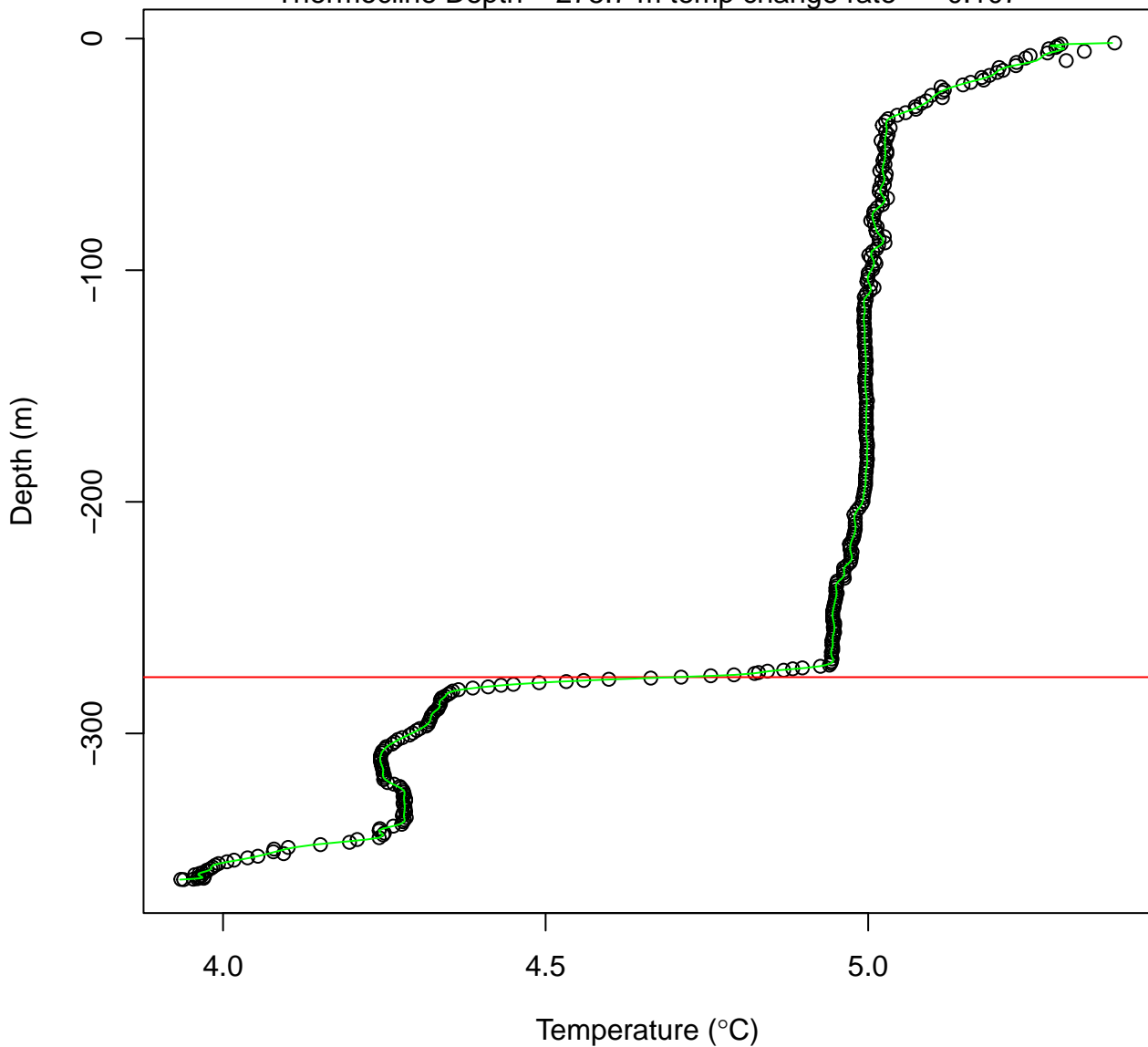
Vessel 148 Cruise 202201 Haul 149

No thermocline detected



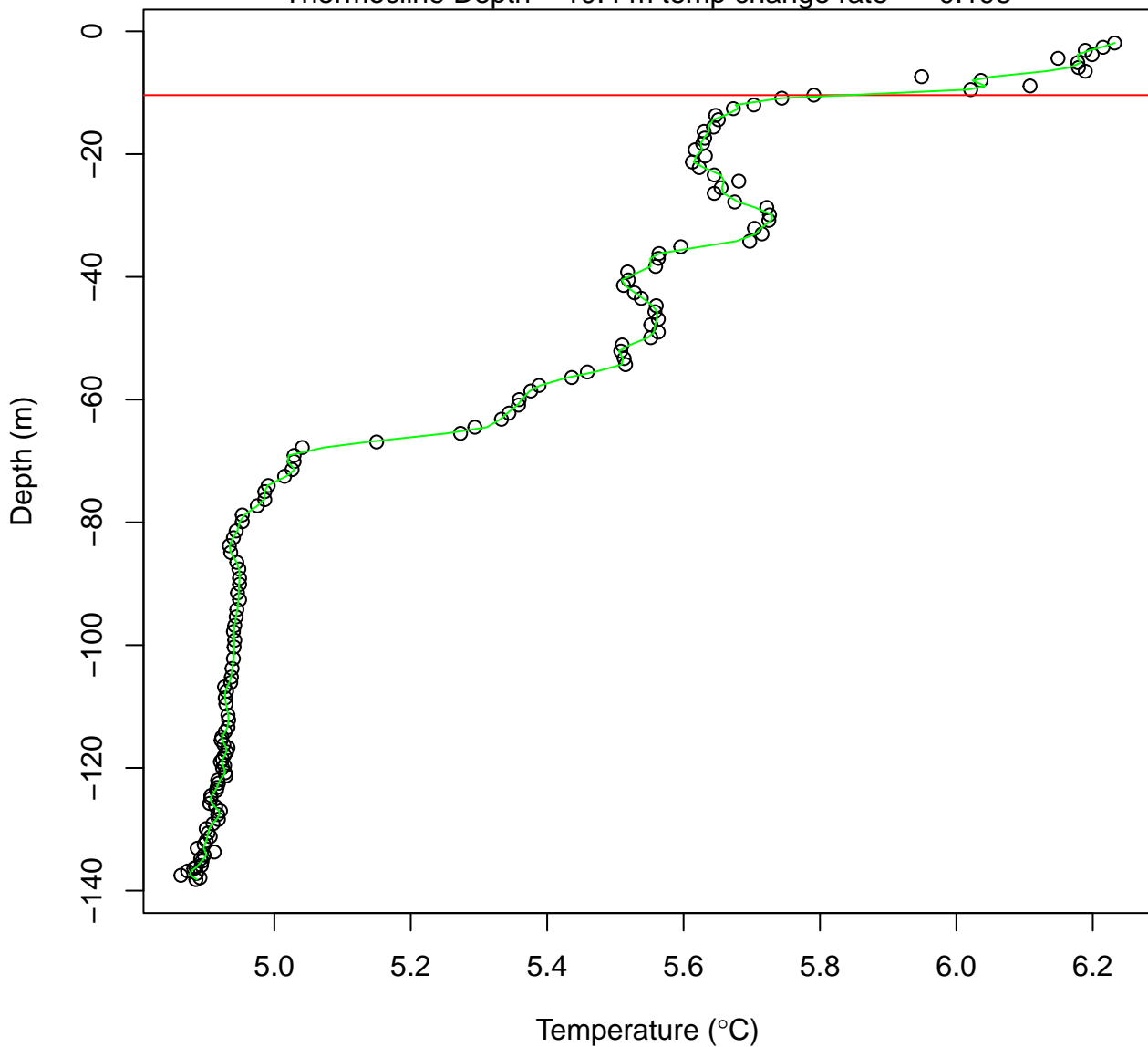
Vessel 148 Cruise 202201 Haul 150

Thermocline Depth = 275.7 m temp change rate = -0.107



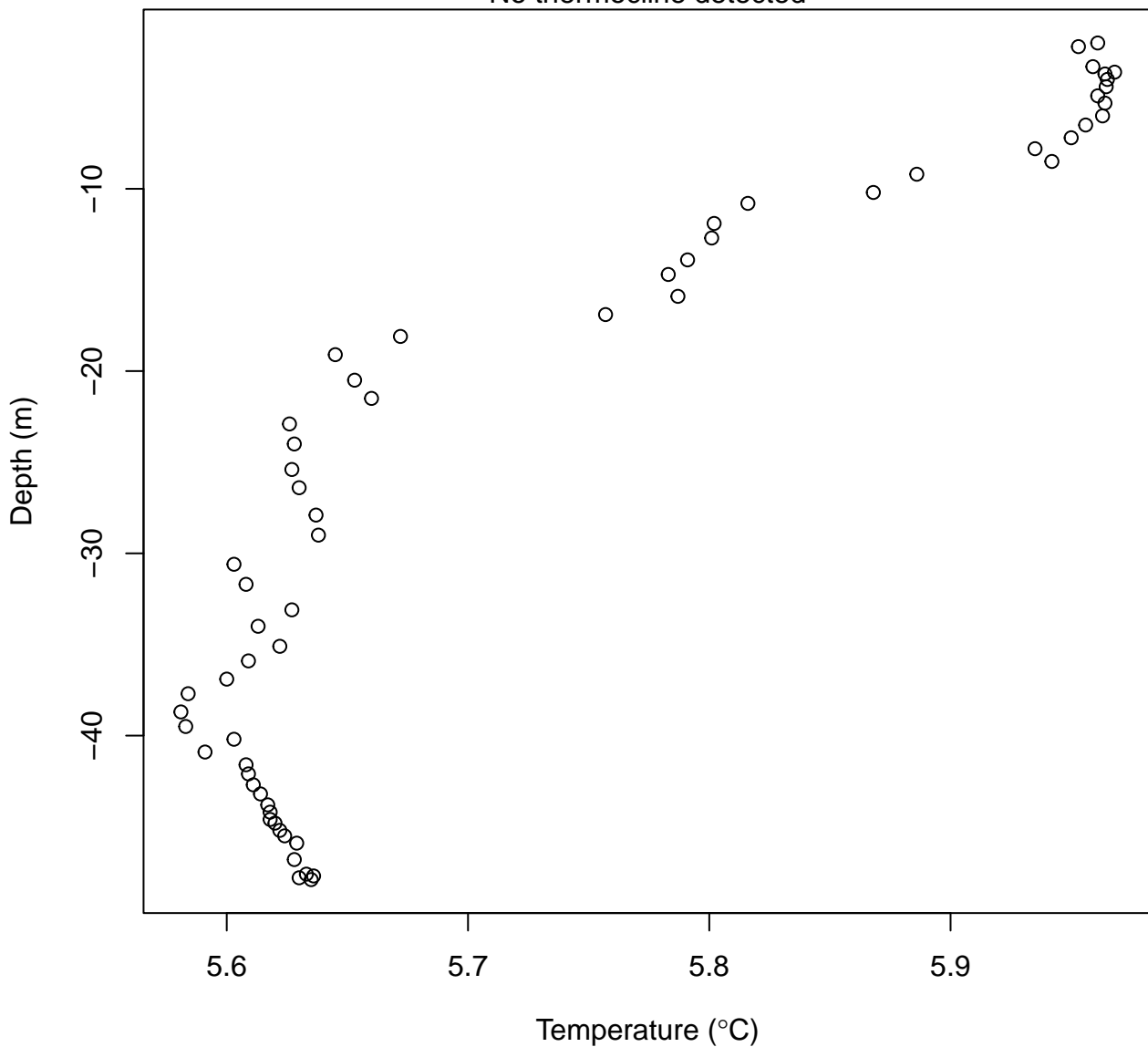
Vessel 148 Cruise 202201 Haul 151

Thermocline Depth = 10.4 m temp change rate = -0.198



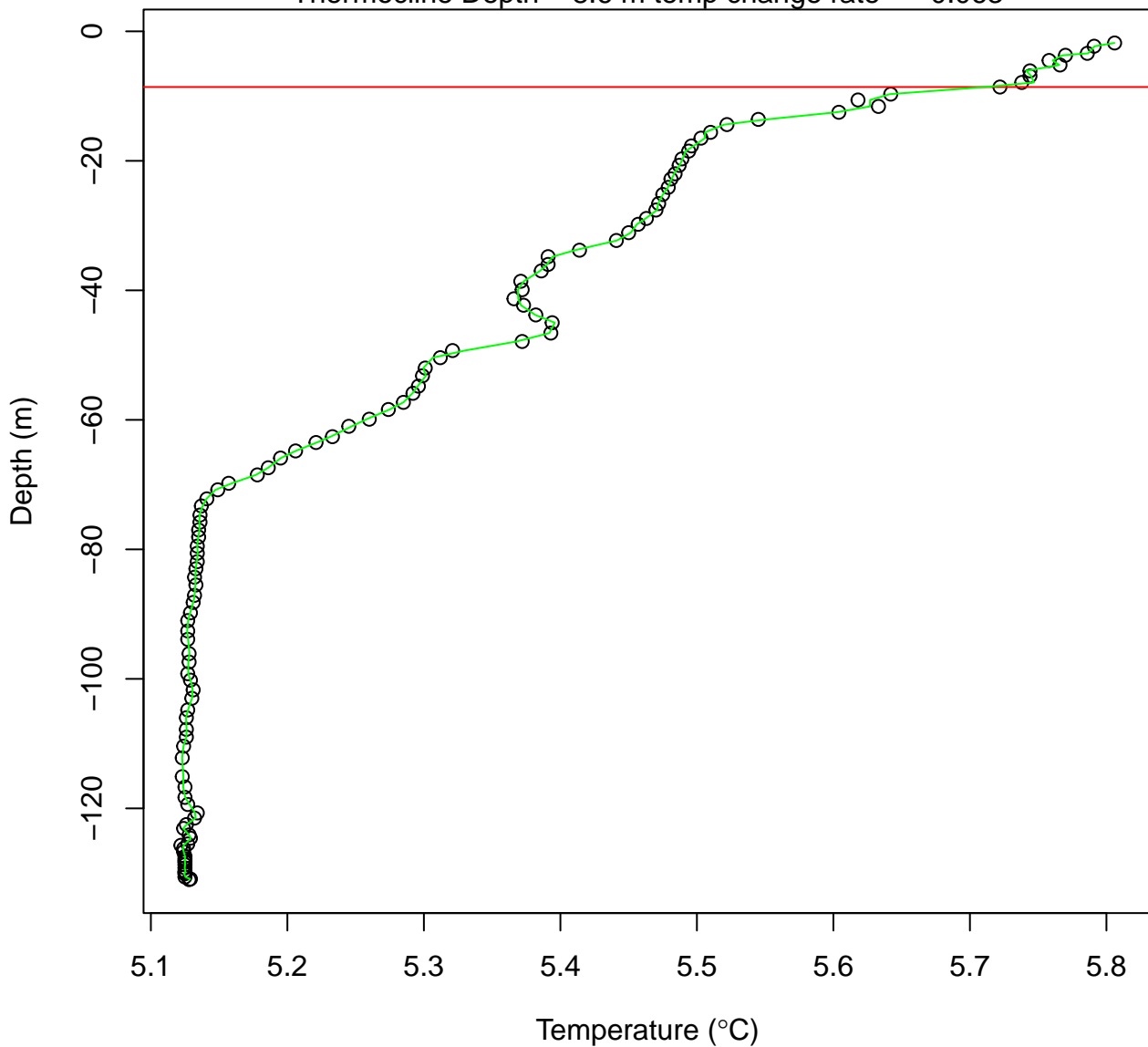
Vessel 148 Cruise 202201 Haul 152

No thermocline detected



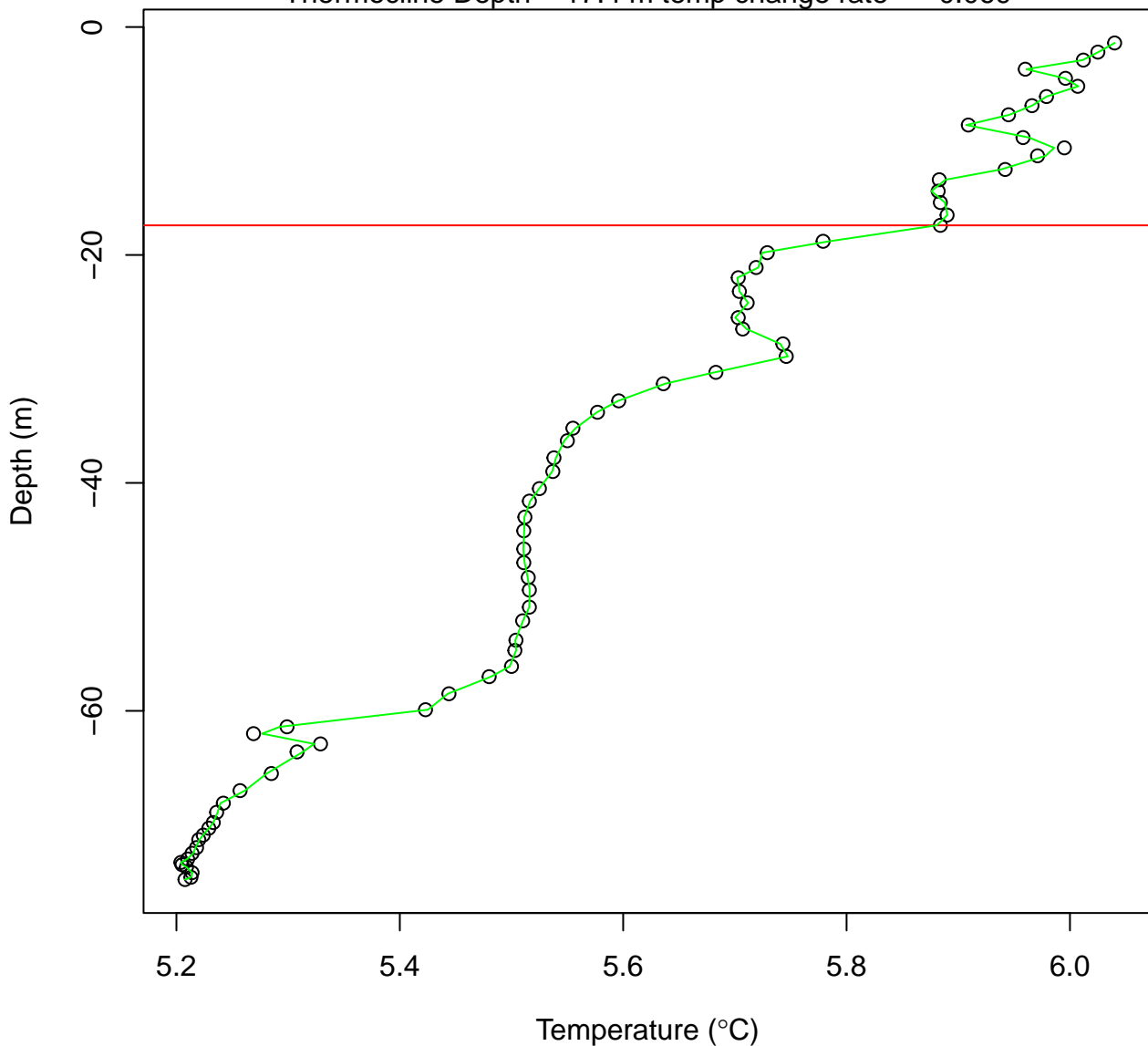
Vessel 148 Cruise 202201 Haul 153

Thermocline Depth = 8.6 m temp change rate = -0.063



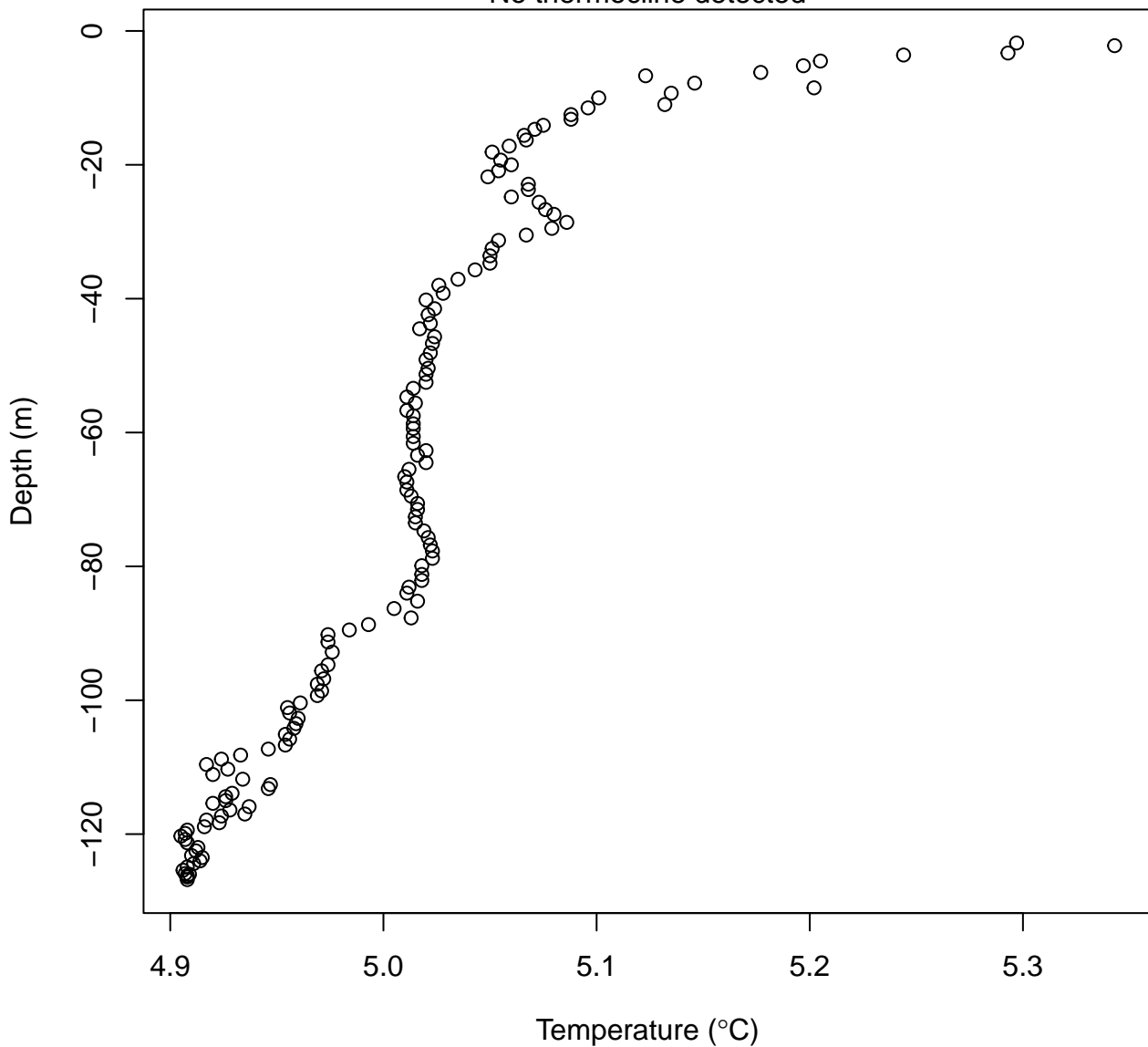
Vessel 148 Cruise 202201 Haul 154

Thermocline Depth = 17.4 m temp change rate = -0.069



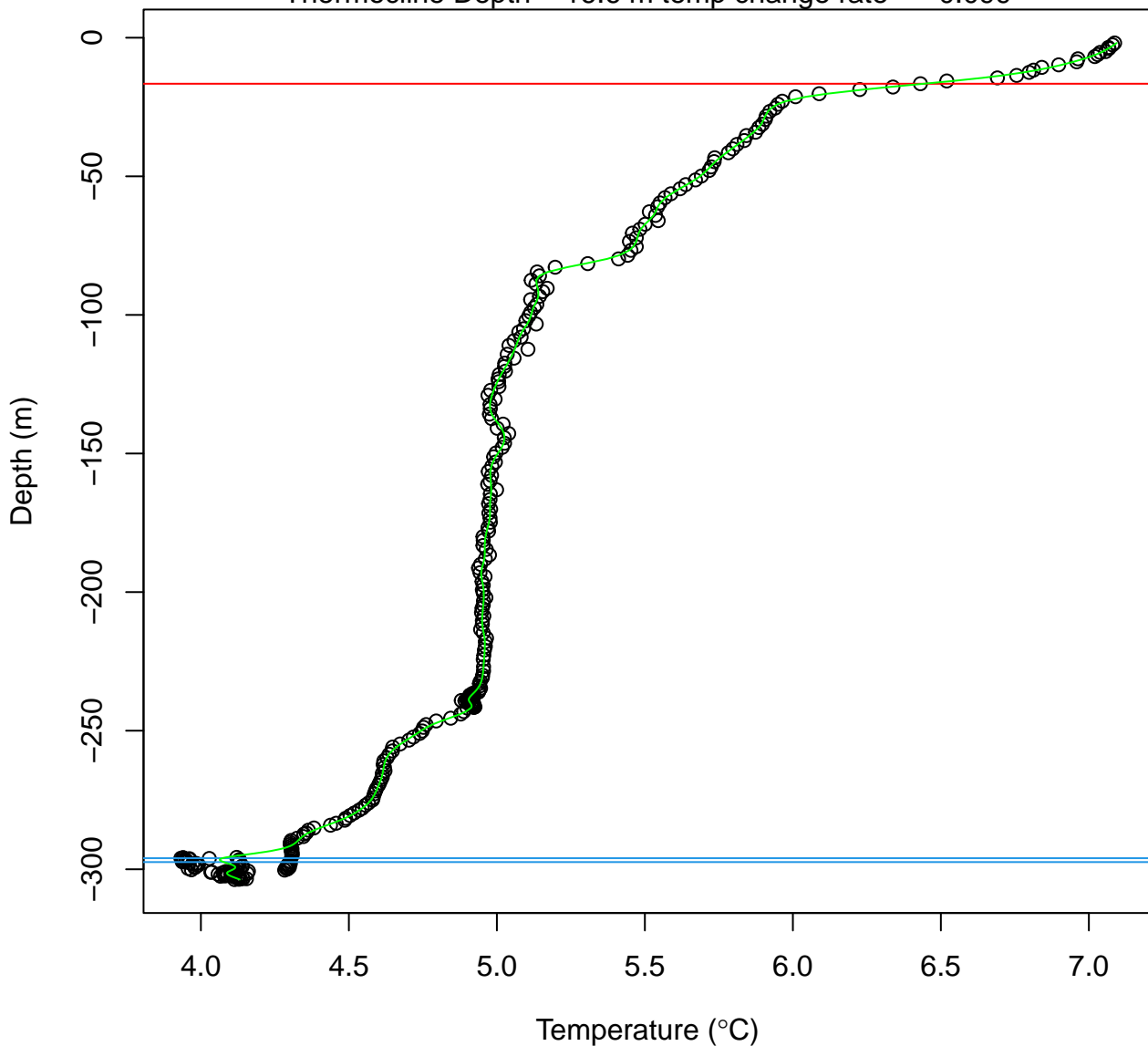
Vessel 148 Cruise 202201 Haul 155

No thermocline detected



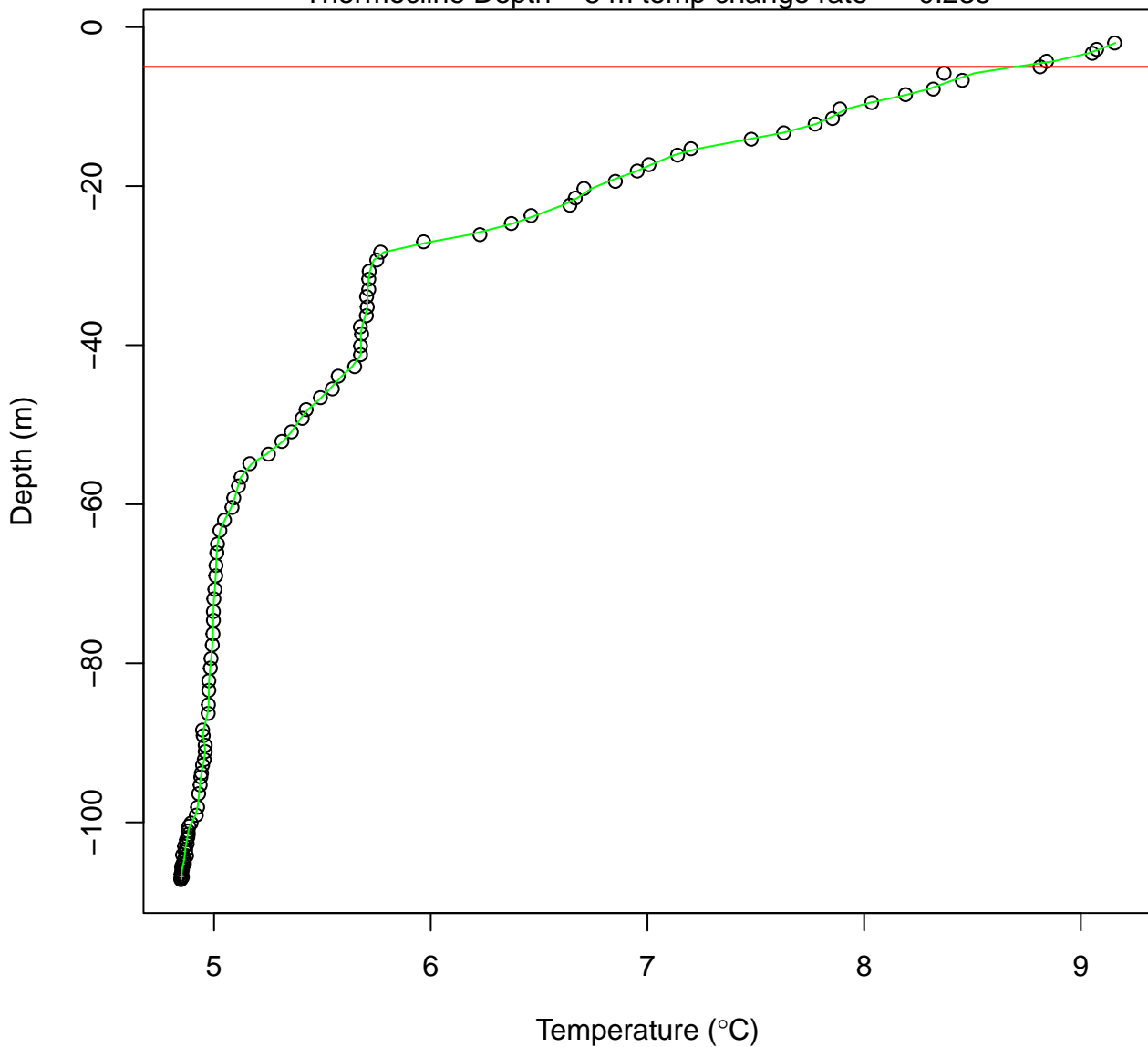
Vessel 148 Cruise 202201 Haul 156

Thermocline Depth = 16.6 m temp change rate = -0.099



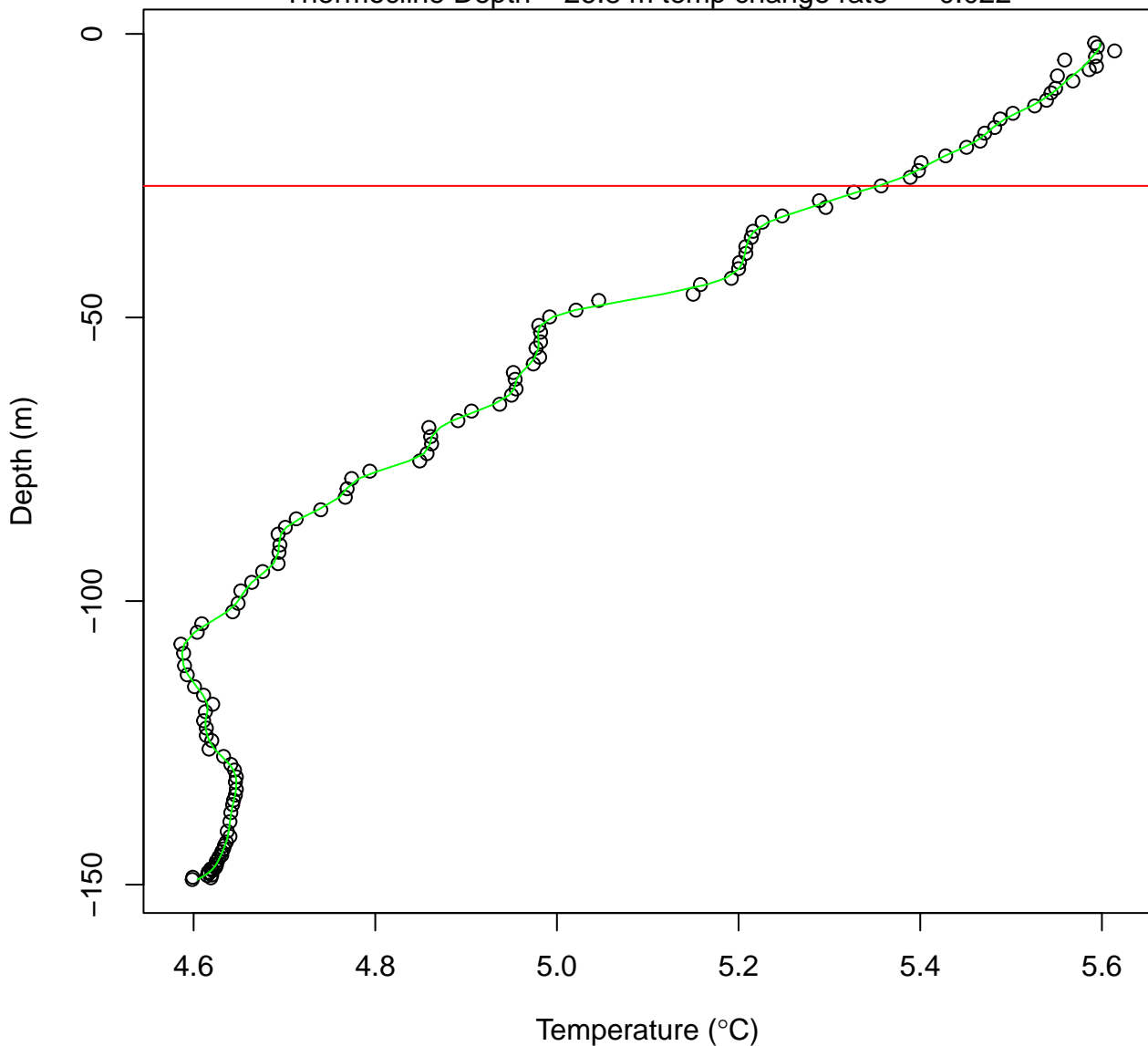
Vessel 148 Cruise 202201 Haul 157

Thermocline Depth = 5 m temp change rate = -0.235



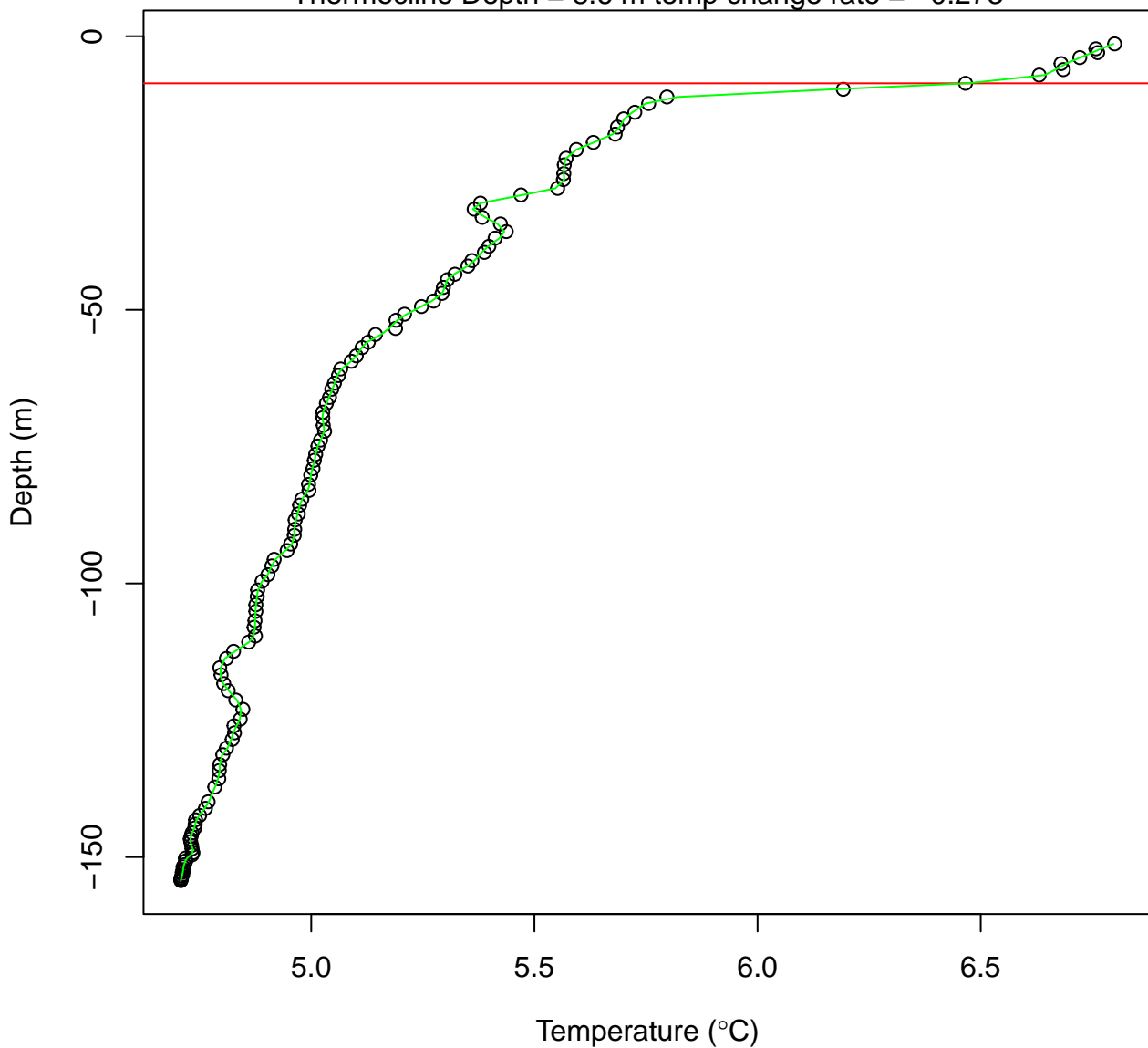
Vessel 148 Cruise 202201 Haul 158

Thermocline Depth = 26.8 m temp change rate = -0.022



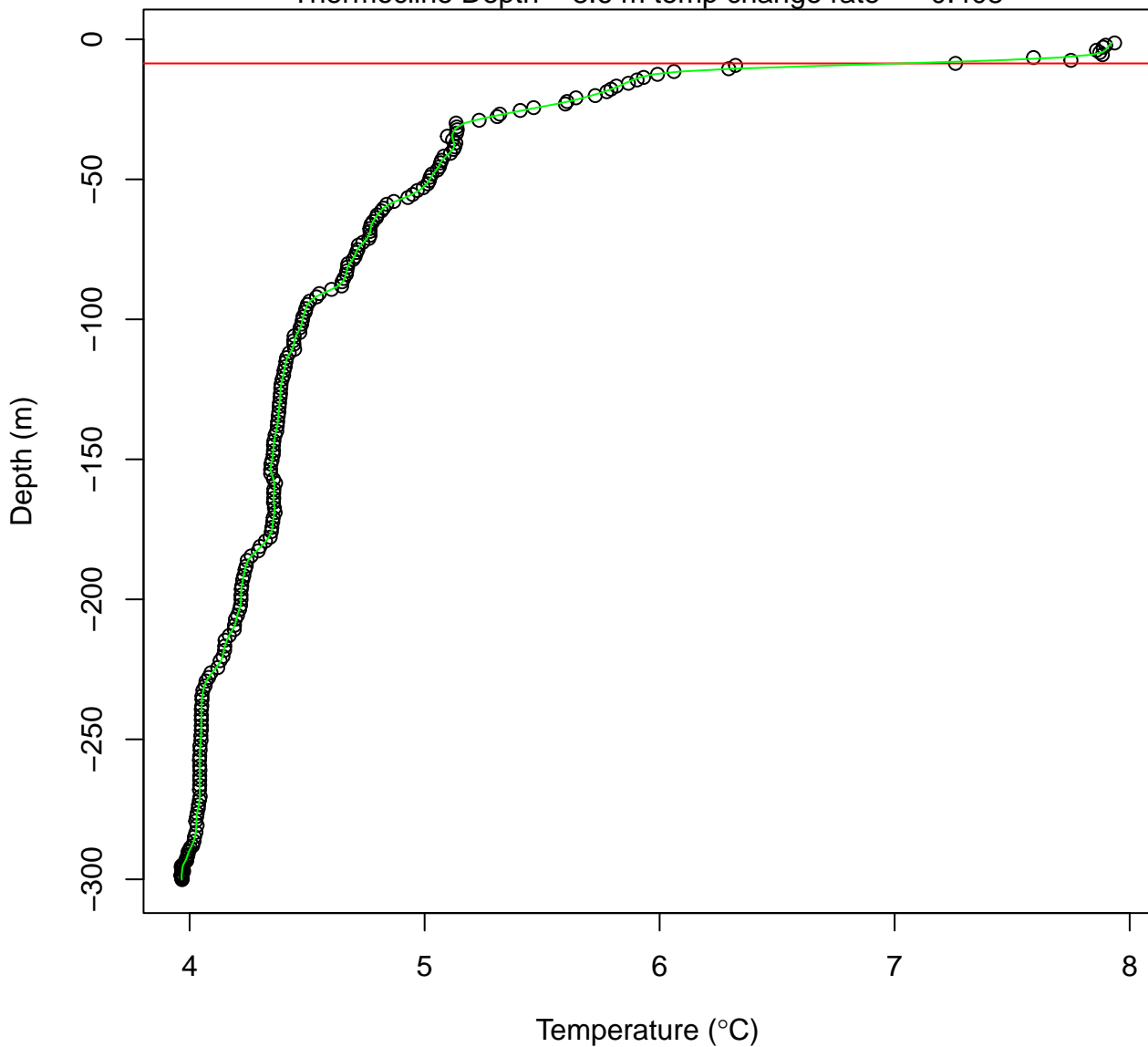
Vessel 148 Cruise 202201 Haul 159

Thermocline Depth = 8.6 m temp change rate = -0.273



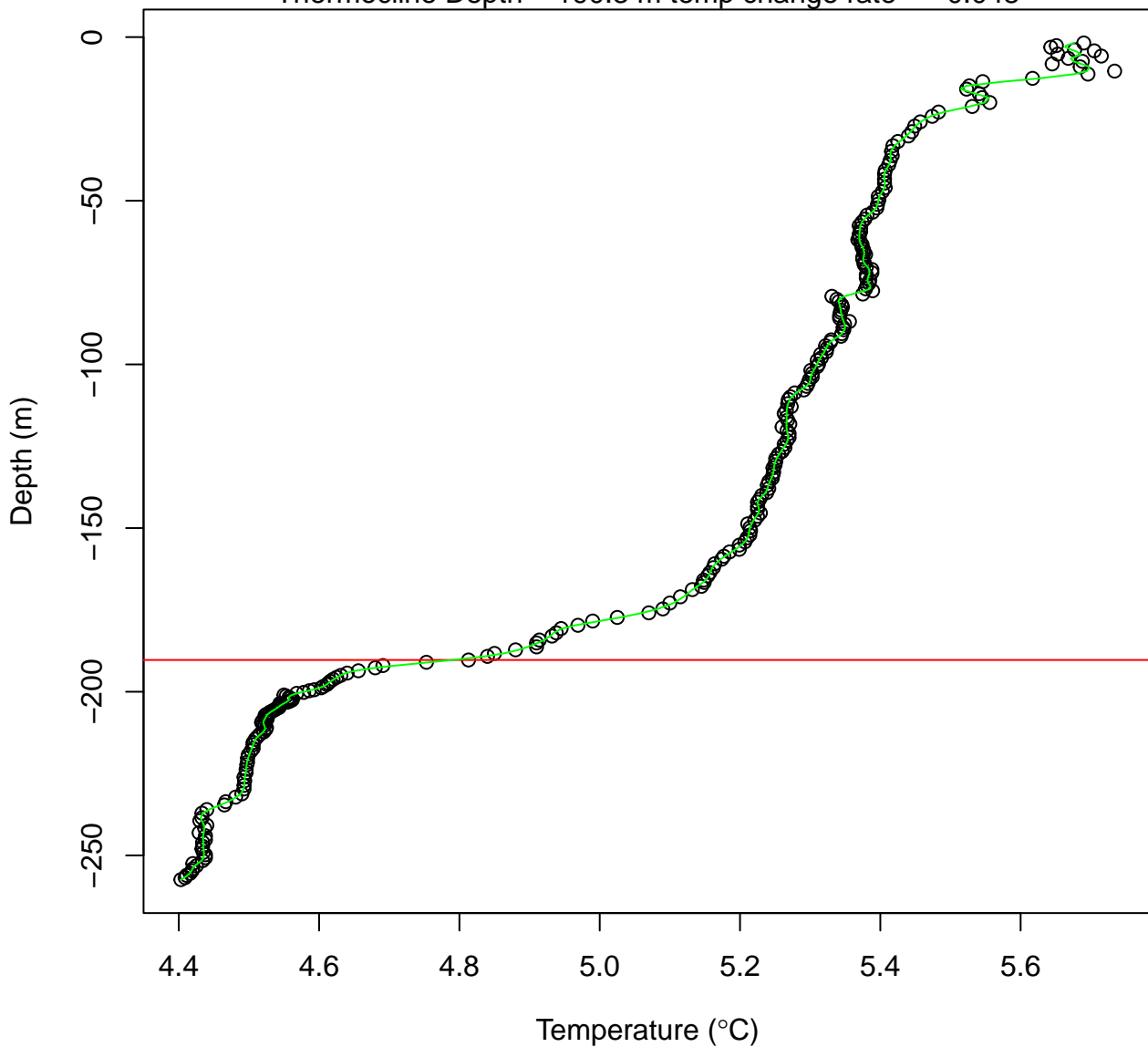
Vessel 148 Cruise 202201 Haul 160

Thermocline Depth = 8.6 m temp change rate = -0.408



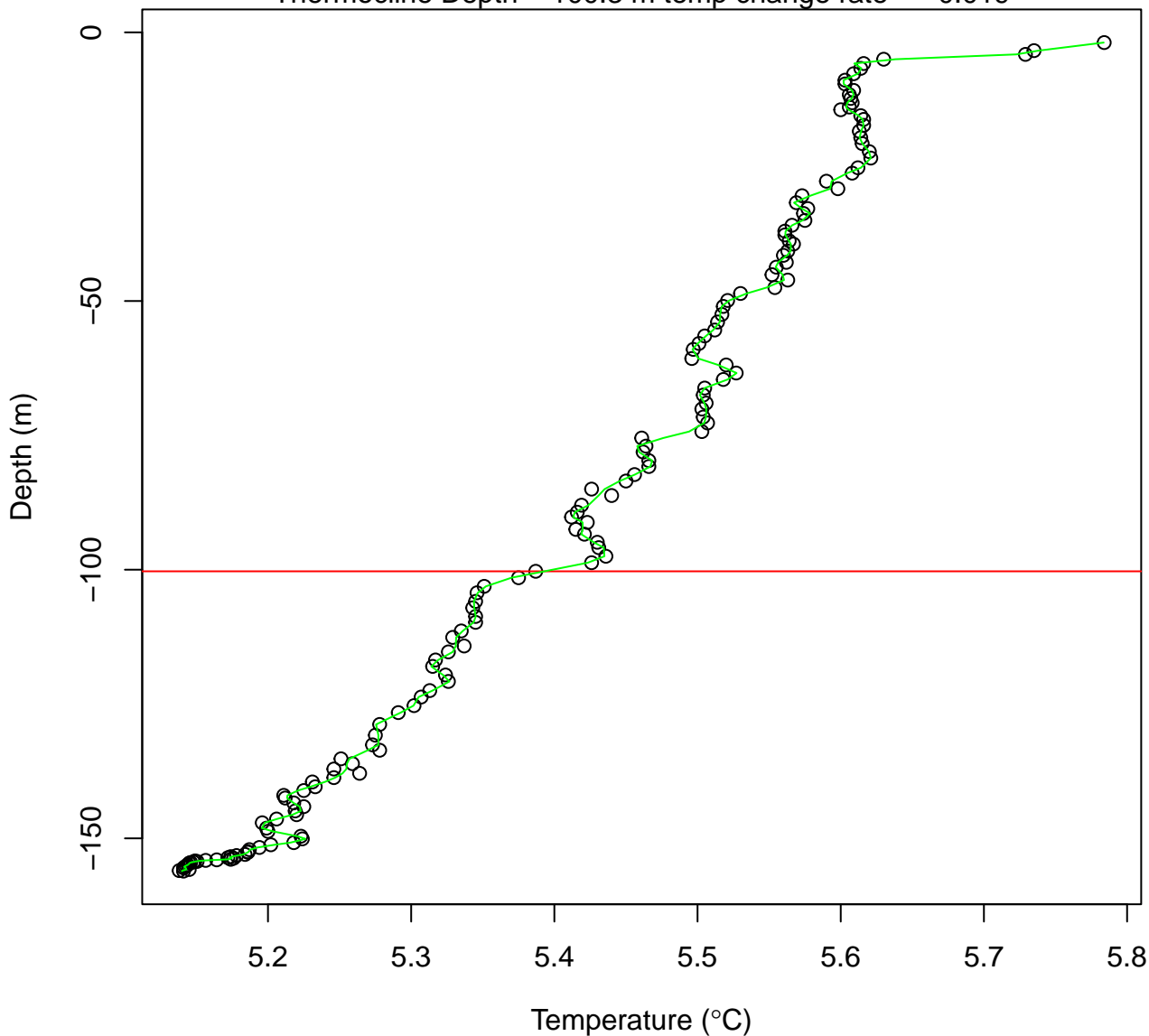
Vessel 148 Cruise 202201 Haul 161

Thermocline Depth = 190.3 m temp change rate = -0.048



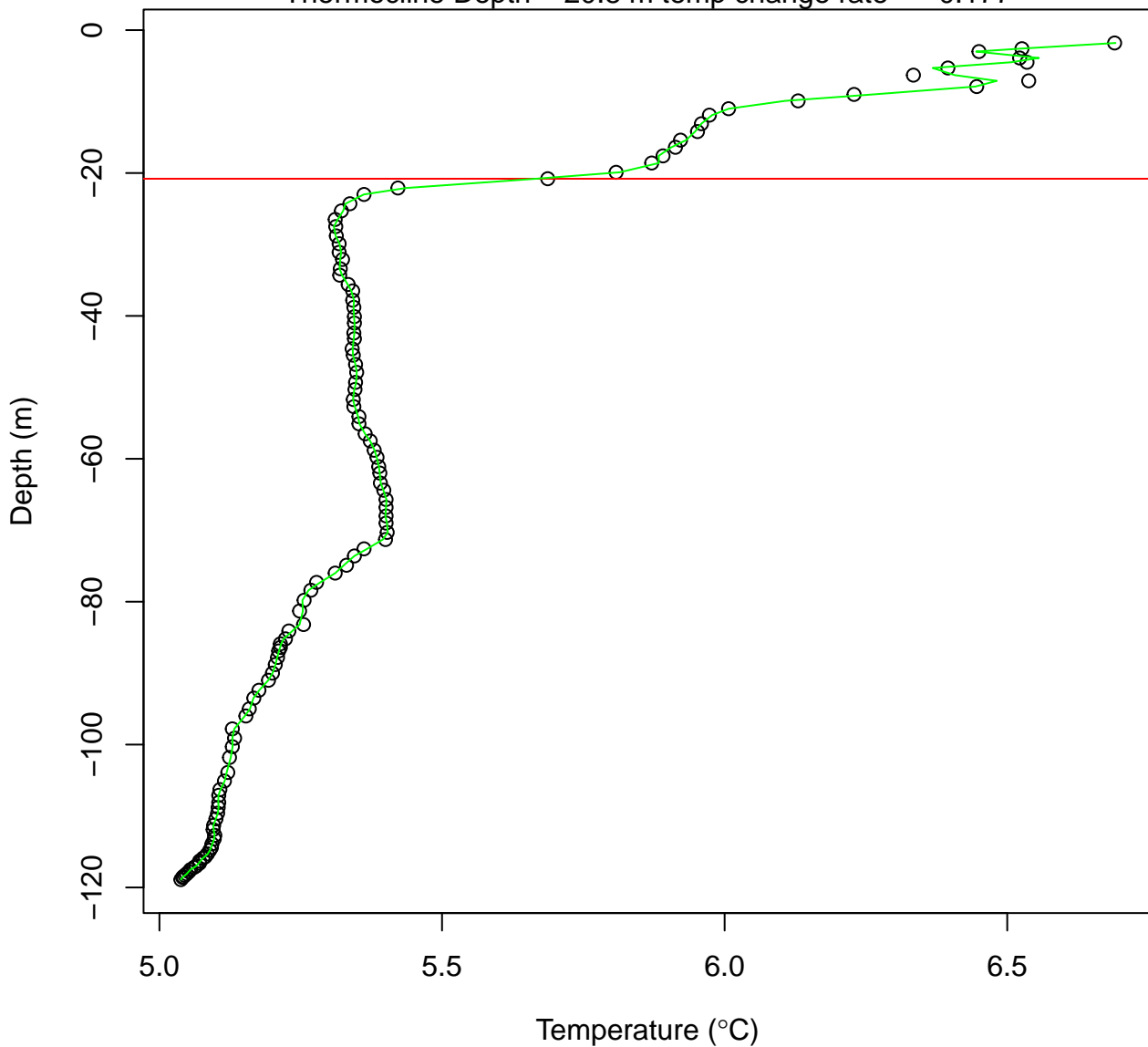
Vessel 148 Cruise 202201 Haul 162

Thermocline Depth = 100.3 m temp change rate = -0.019



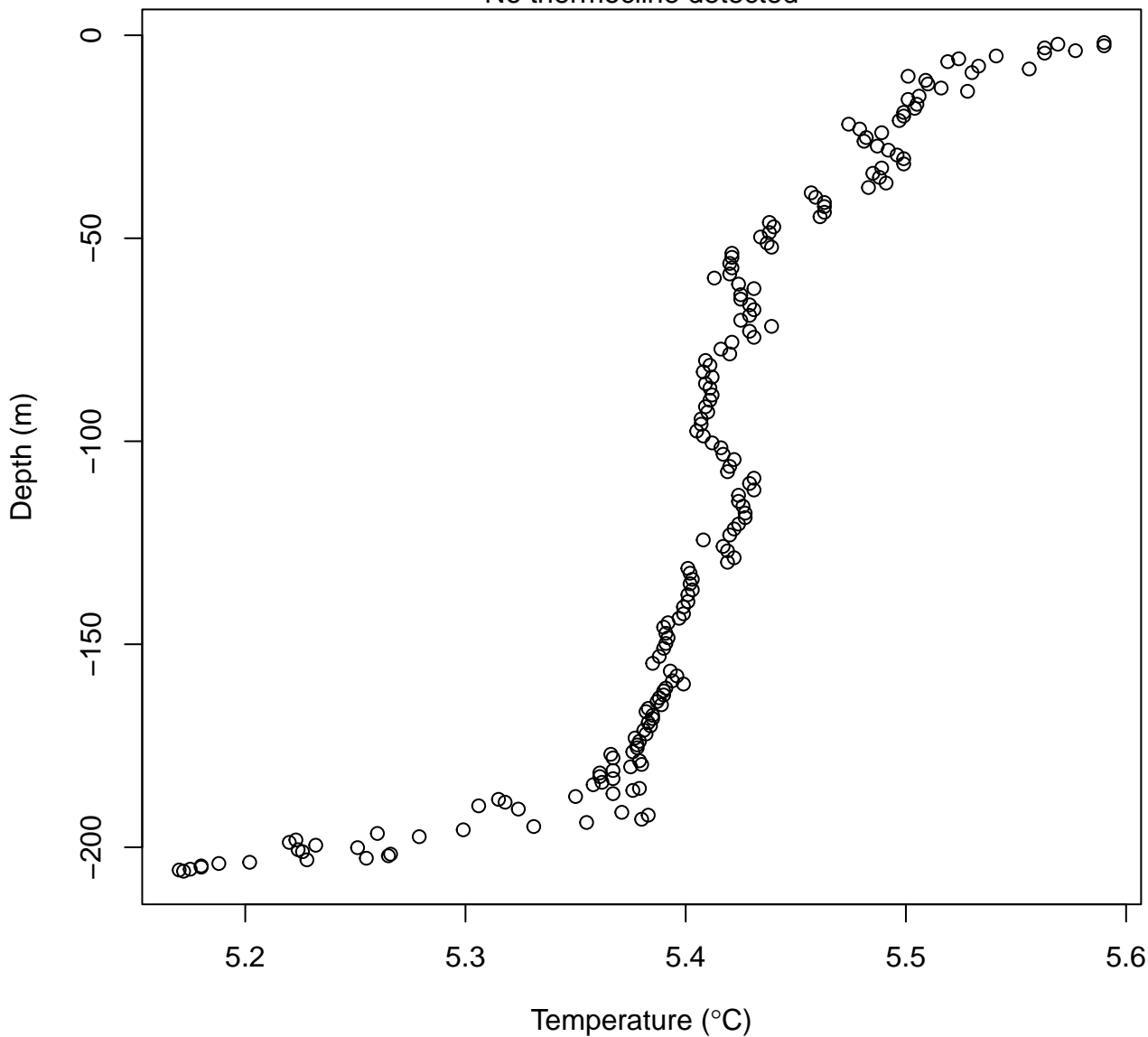
Vessel 148 Cruise 202201 Haul 163

Thermocline Depth = 20.8 m temp change rate = -0.177



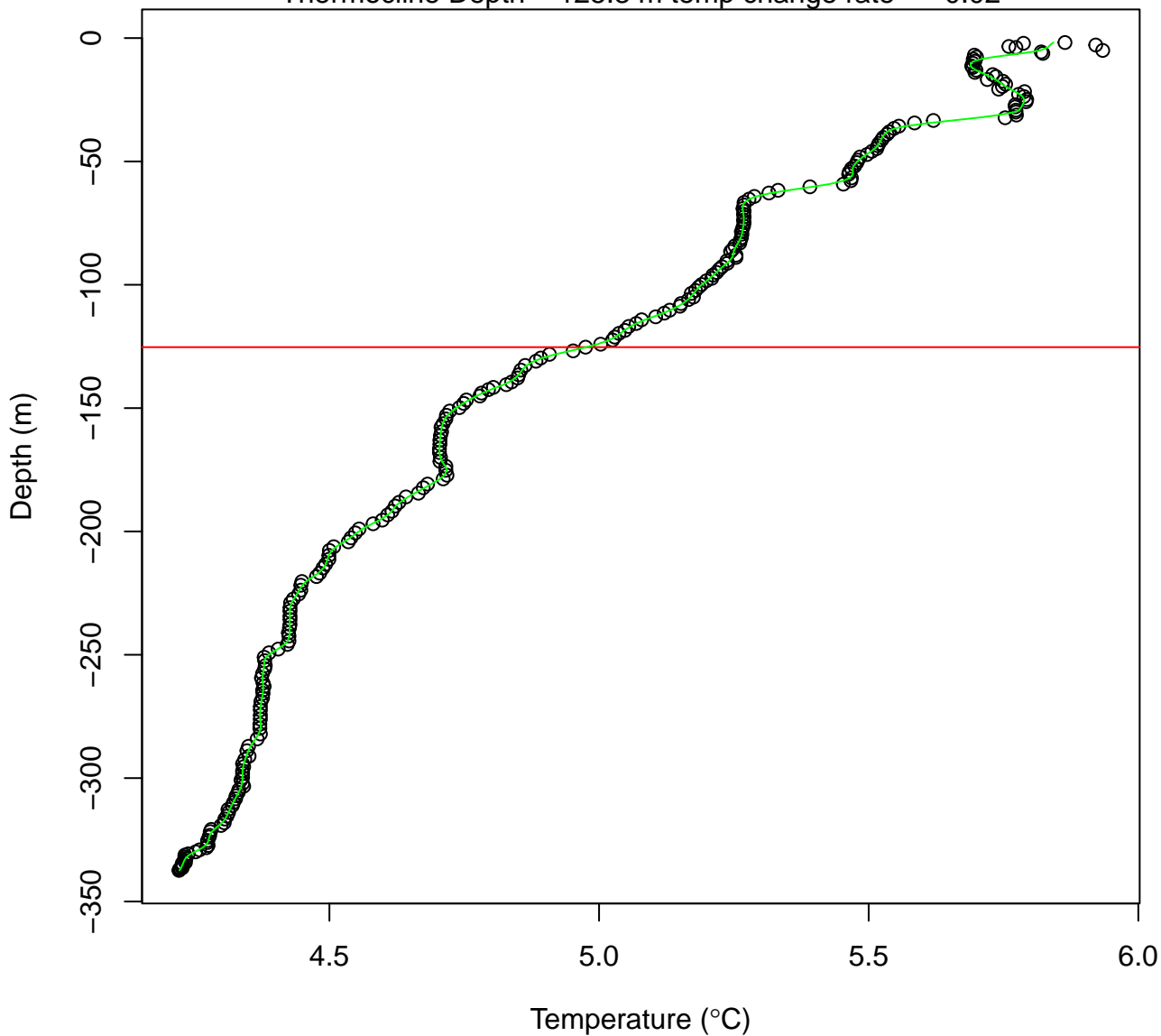
Vessel 148 Cruise 202201 Haul 164

No thermocline detected



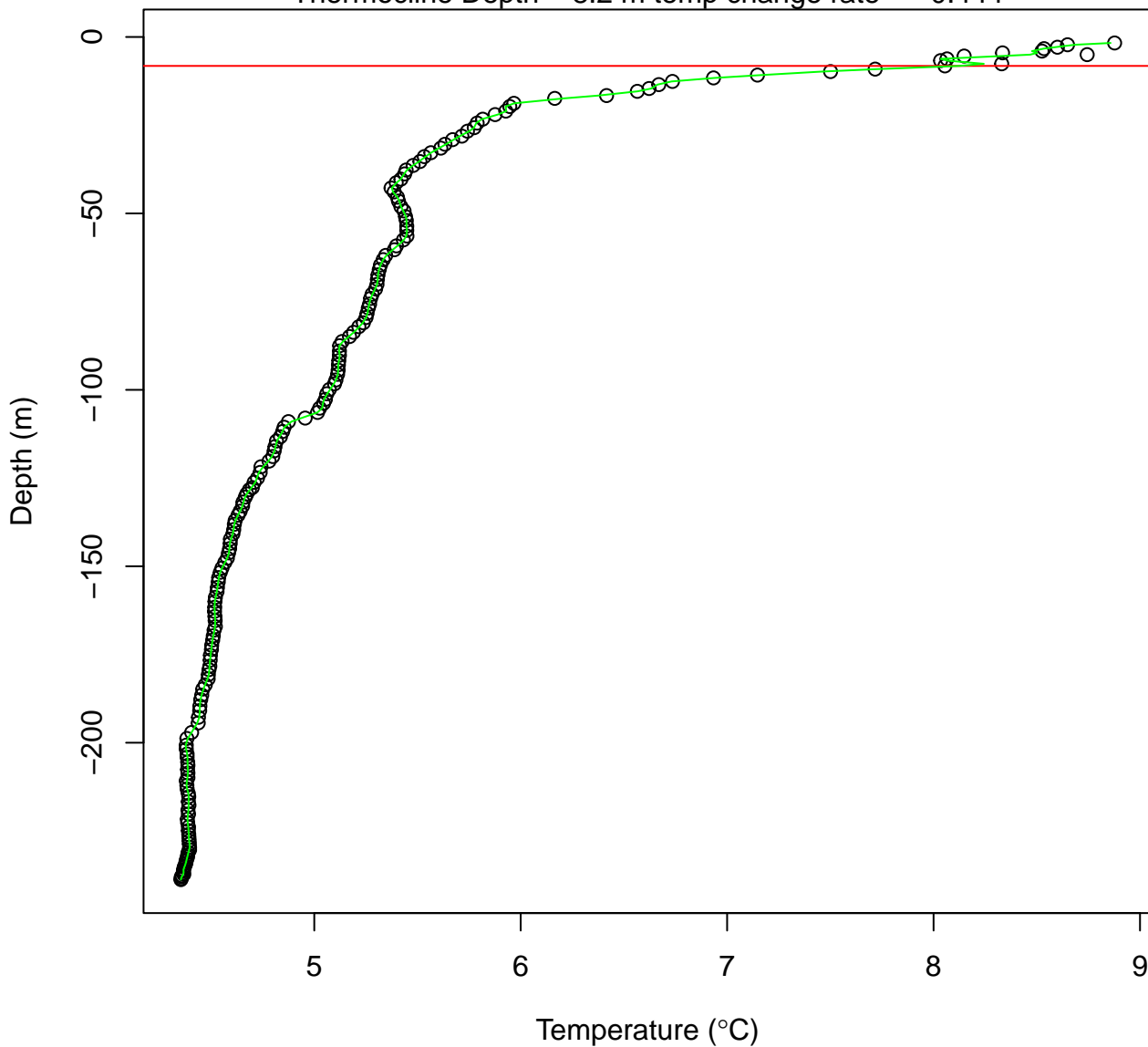
Vessel 148 Cruise 202201 Haul 165

Thermocline Depth = 125.3 m temp change rate = -0.02



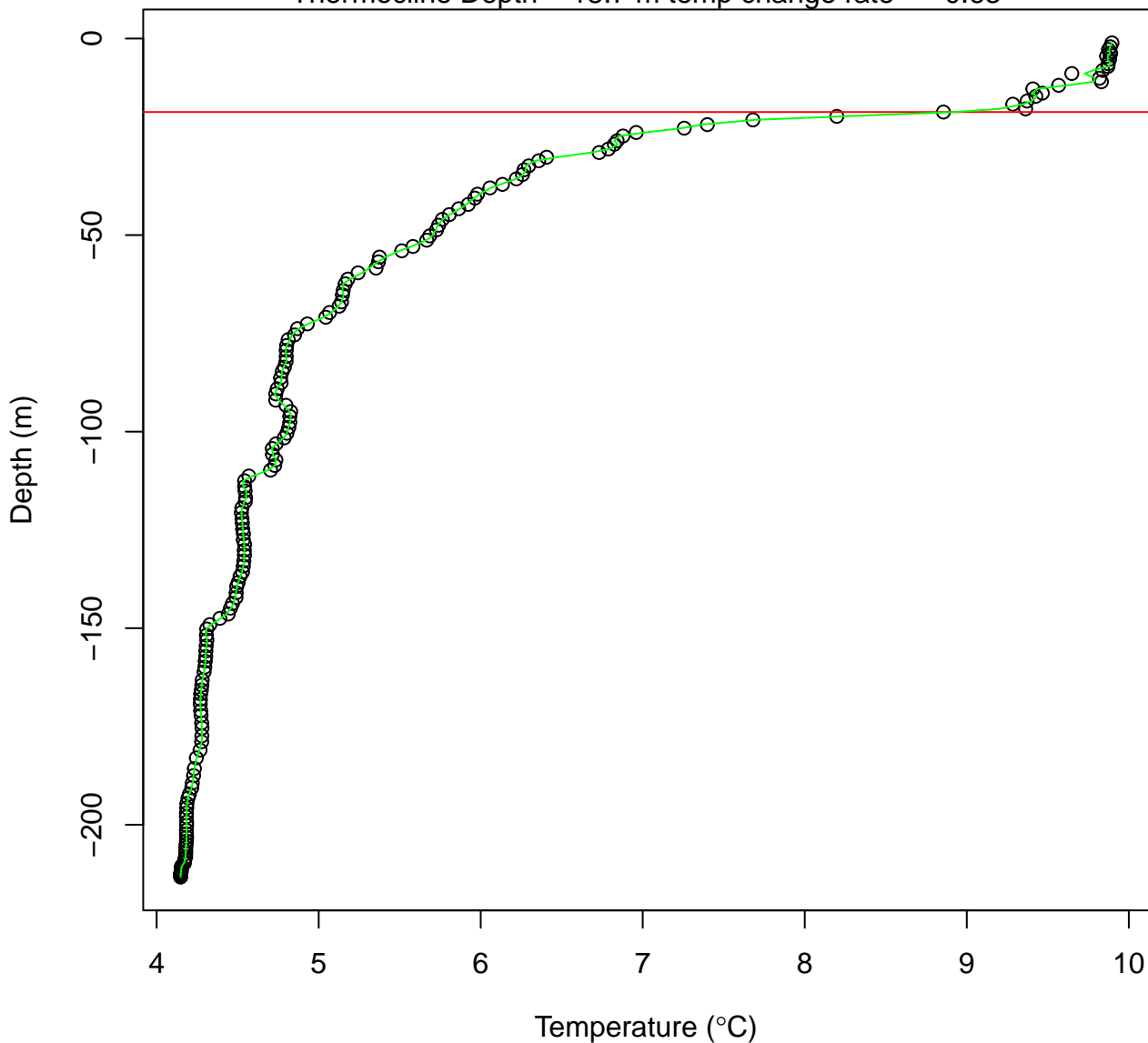
Vessel 148 Cruise 202201 Haul 166

Thermocline Depth = 8.2 m temp change rate = -0.444



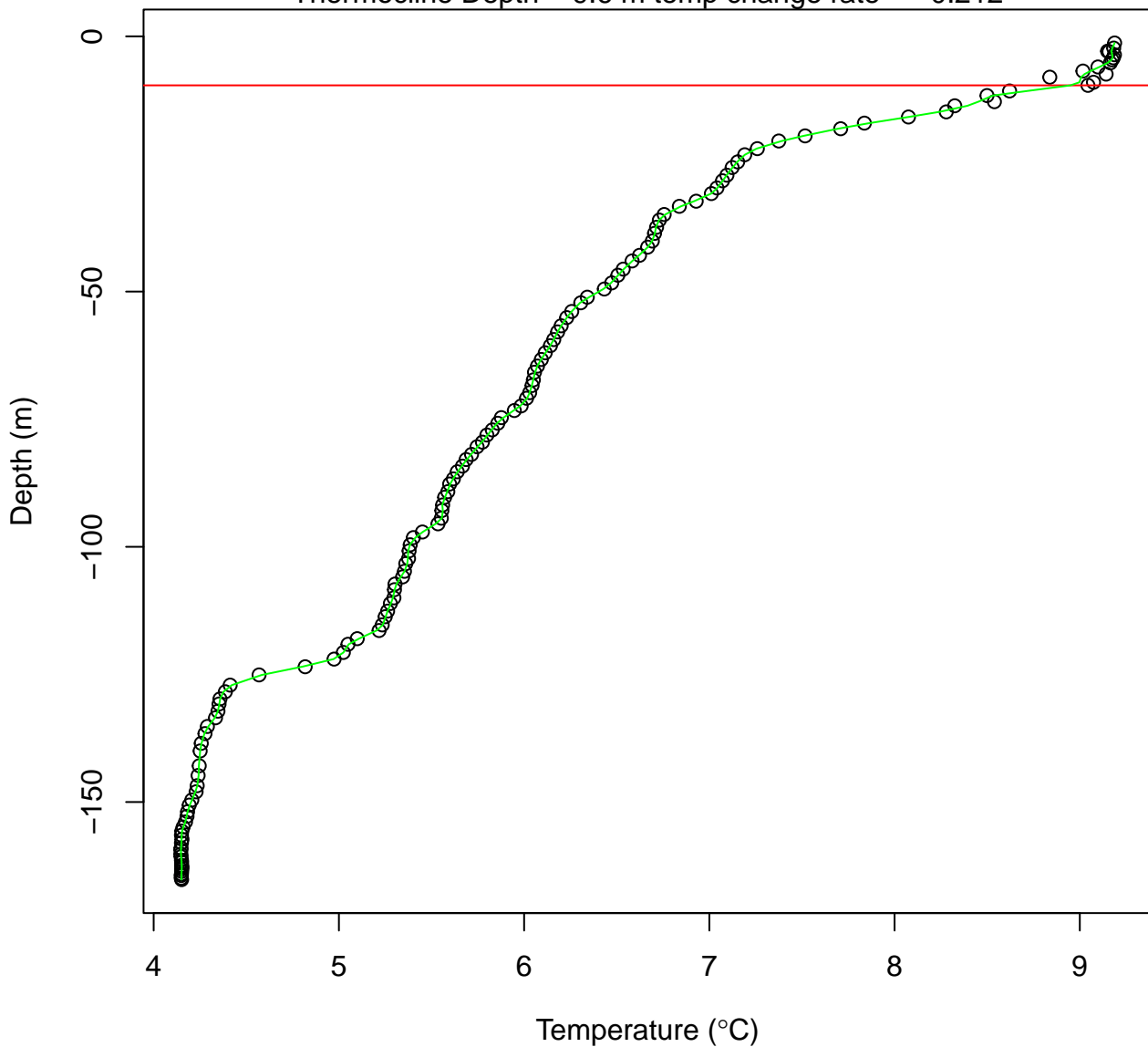
Vessel 148 Cruise 202201 Haul 167

Thermocline Depth = 18.7 m temp change rate = -0.63



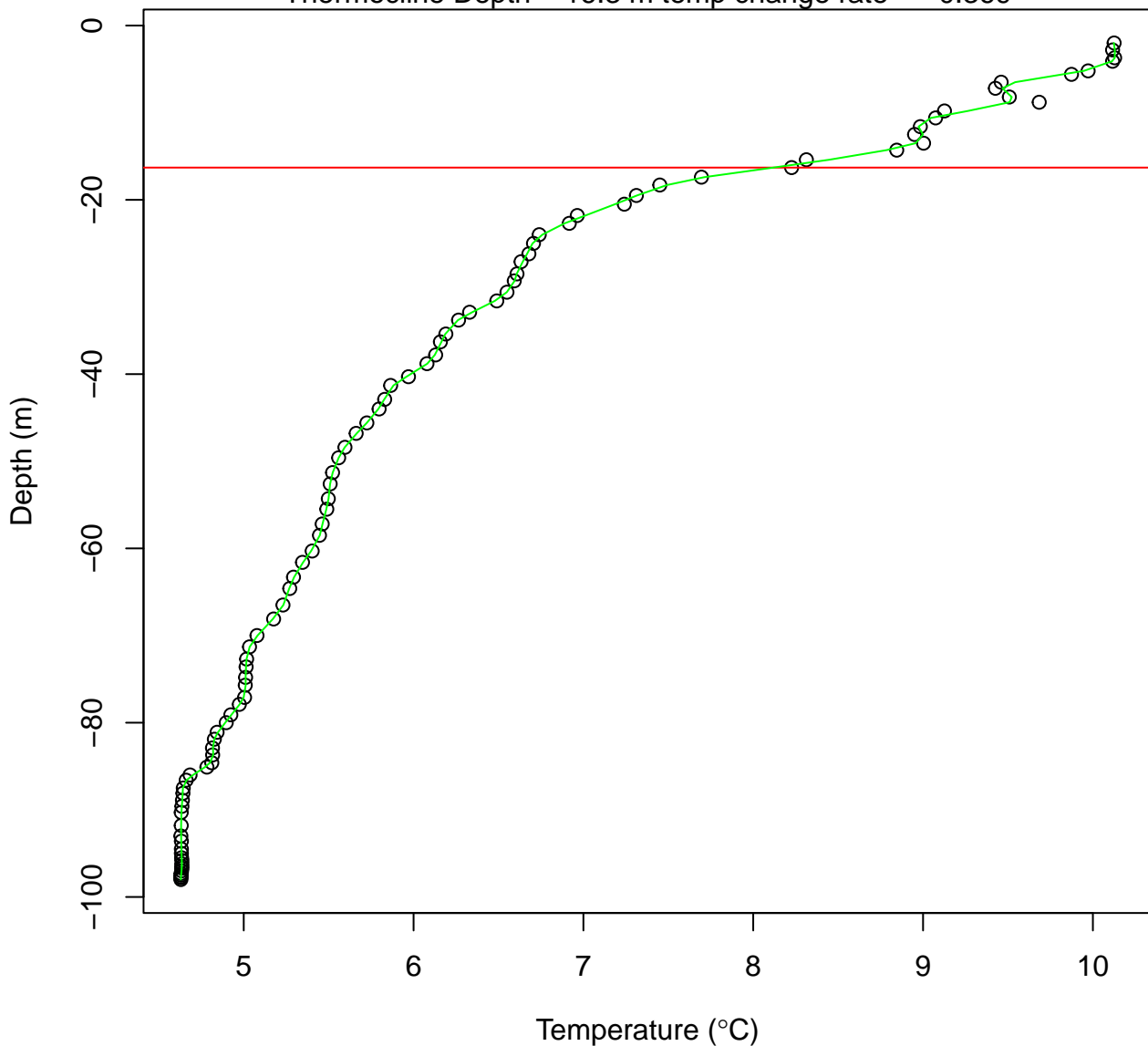
Vessel 148 Cruise 202201 Haul 168

Thermocline Depth = 9.6 m temp change rate = -0.212



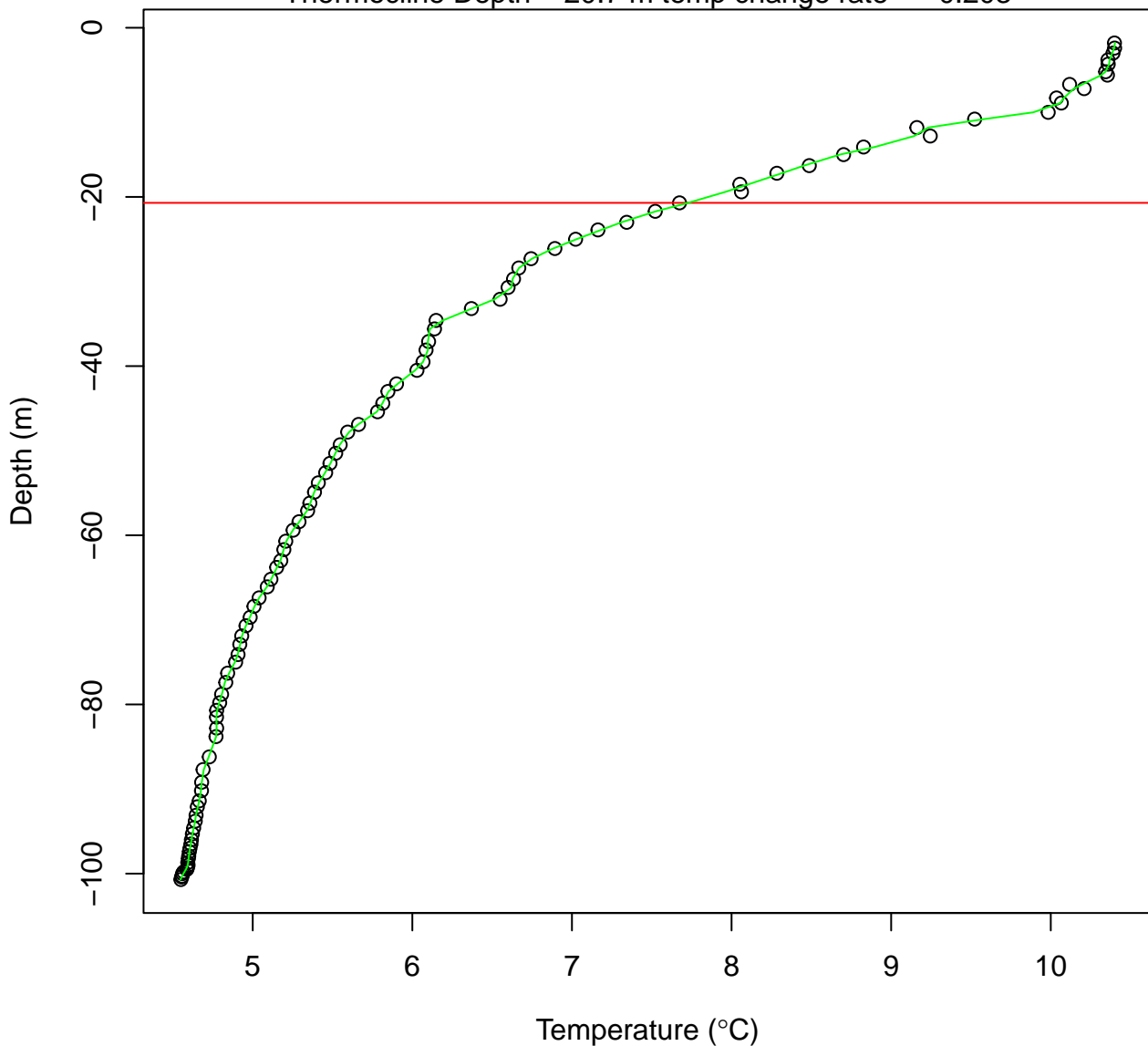
Vessel 148 Cruise 202201 Haul 169

Thermocline Depth = 16.3 m temp change rate = -0.369



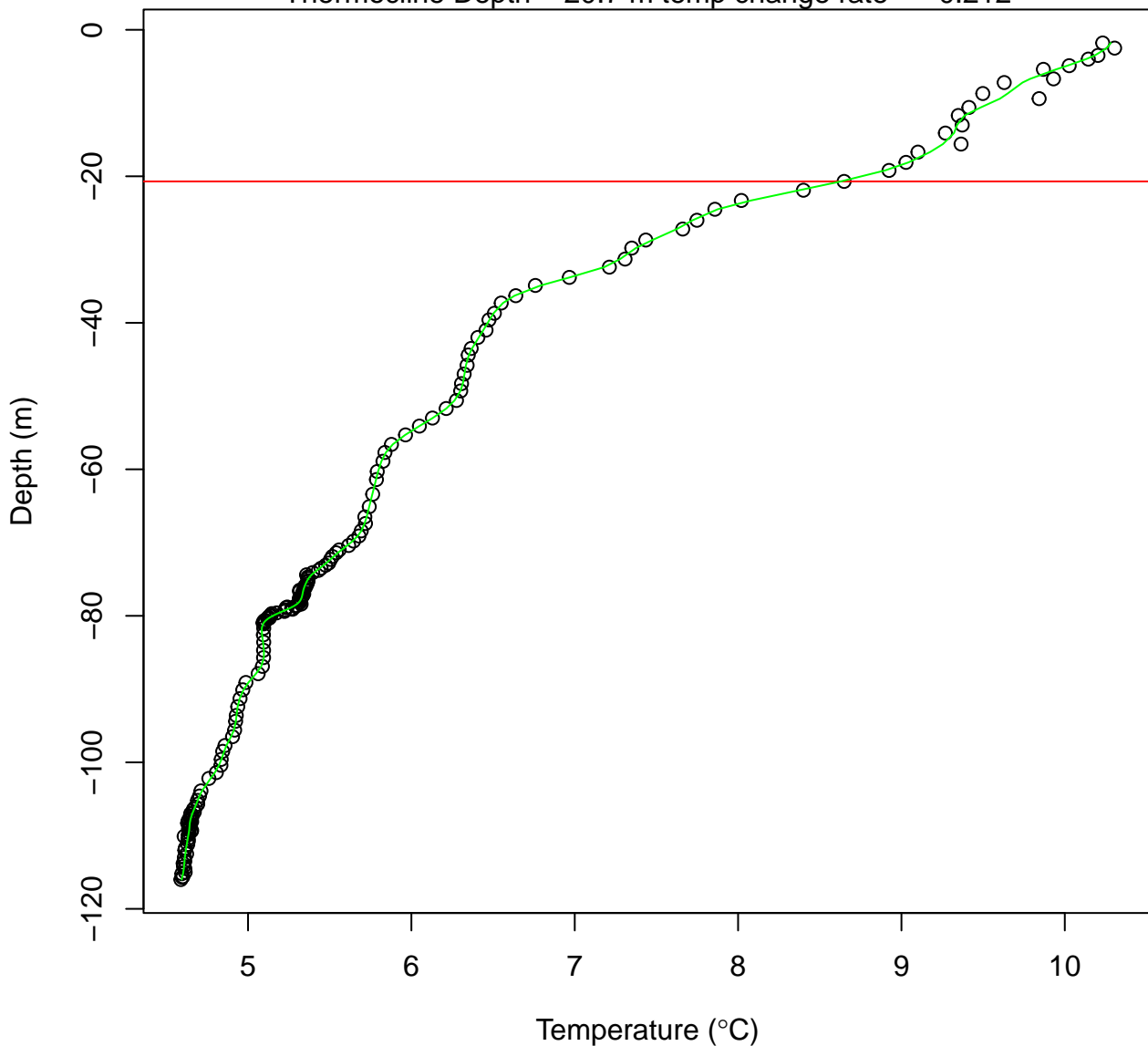
Vessel 148 Cruise 202201 Haul 170

Thermocline Depth = 20.7 m temp change rate = -0.203



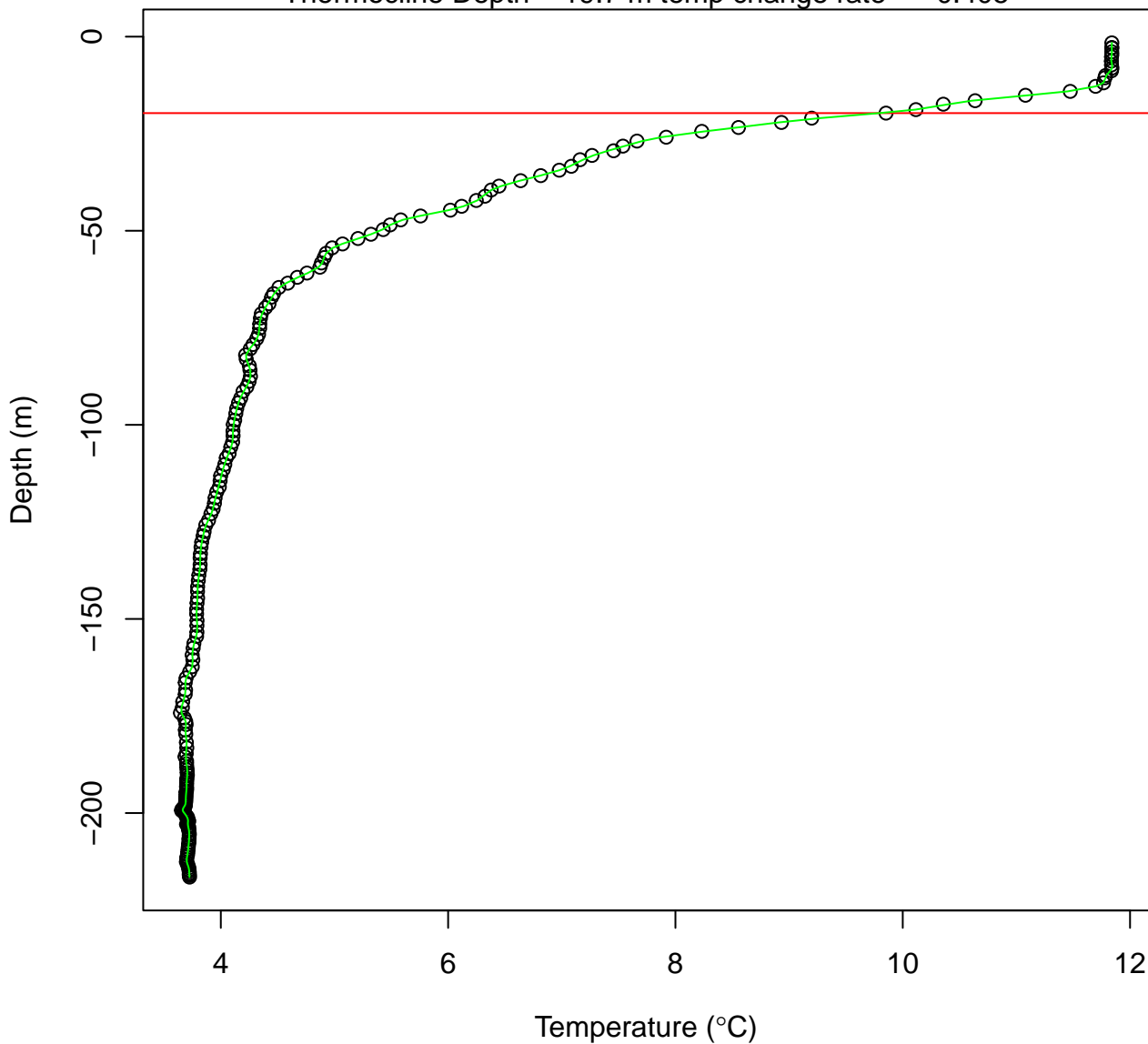
Vessel 148 Cruise 202201 Haul 171

Thermocline Depth = 20.7 m temp change rate = -0.212



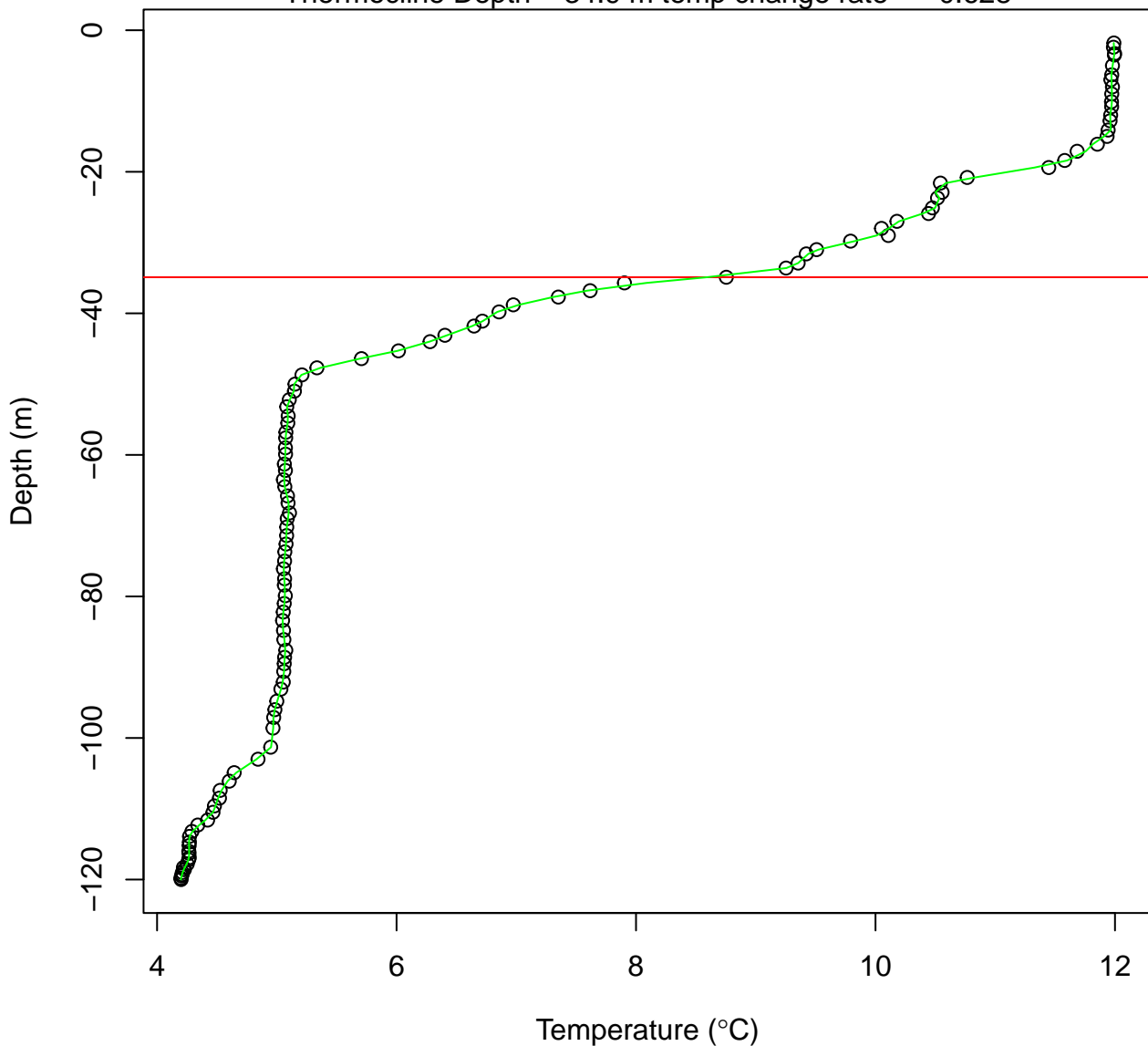
Vessel 148 Cruise 202201 Haul 172

Thermocline Depth = 19.7 m temp change rate = -0.405



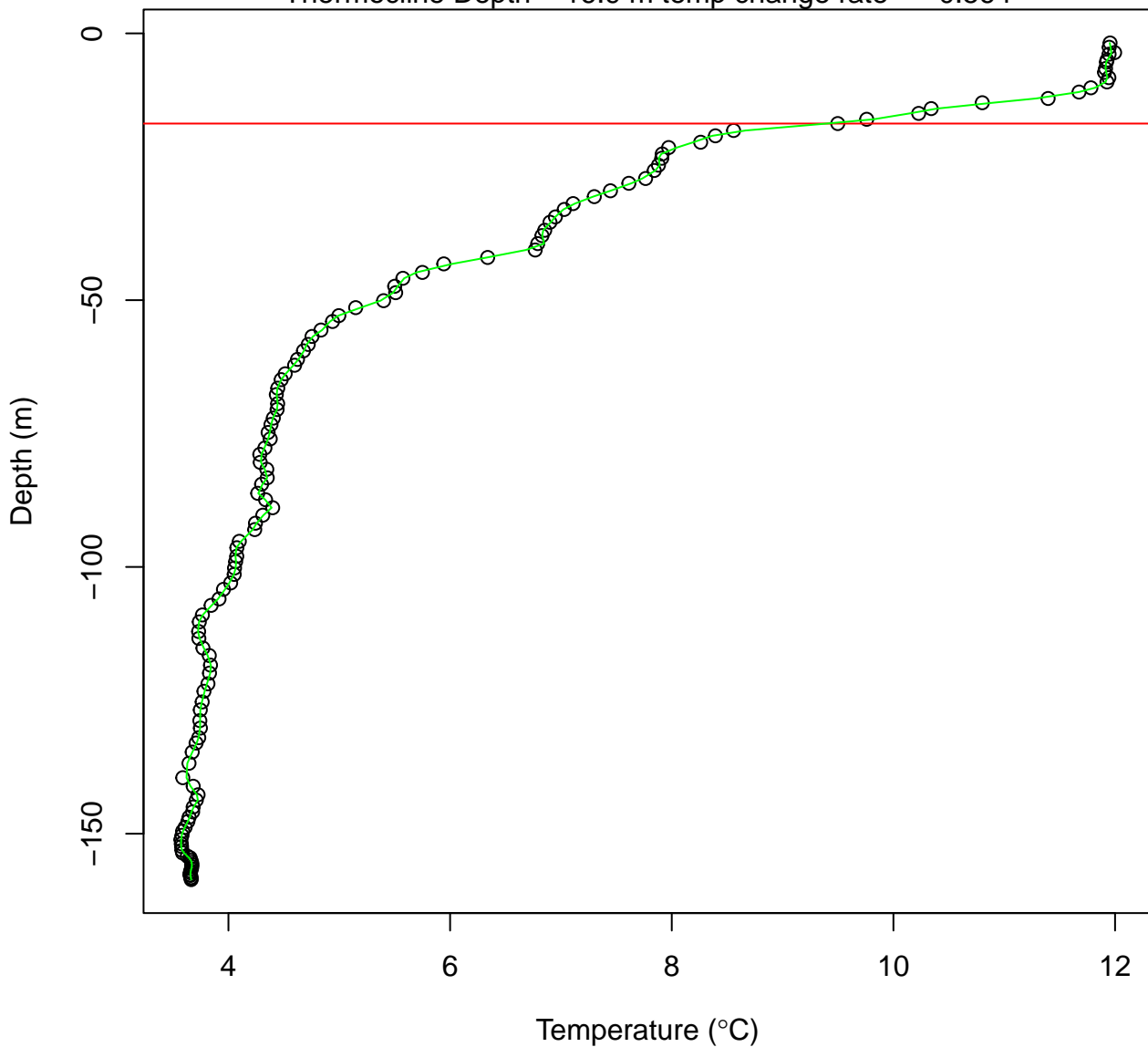
Vessel 148 Cruise 202201 Haul 173

Thermocline Depth = 34.9 m temp change rate = -0.628



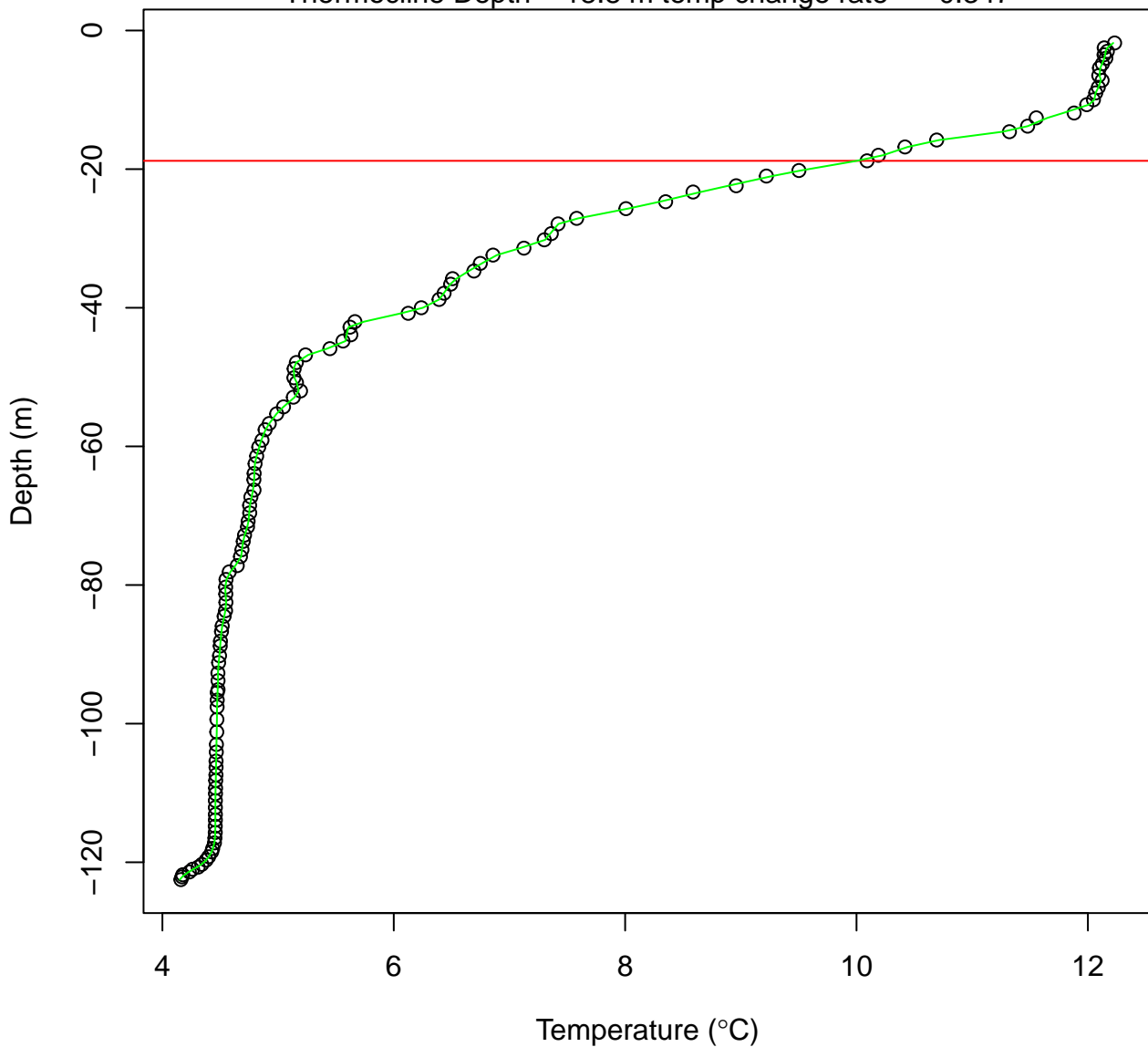
Vessel 148 Cruise 202201 Haul 174

Thermocline Depth = 16.9 m temp change rate = -0.564



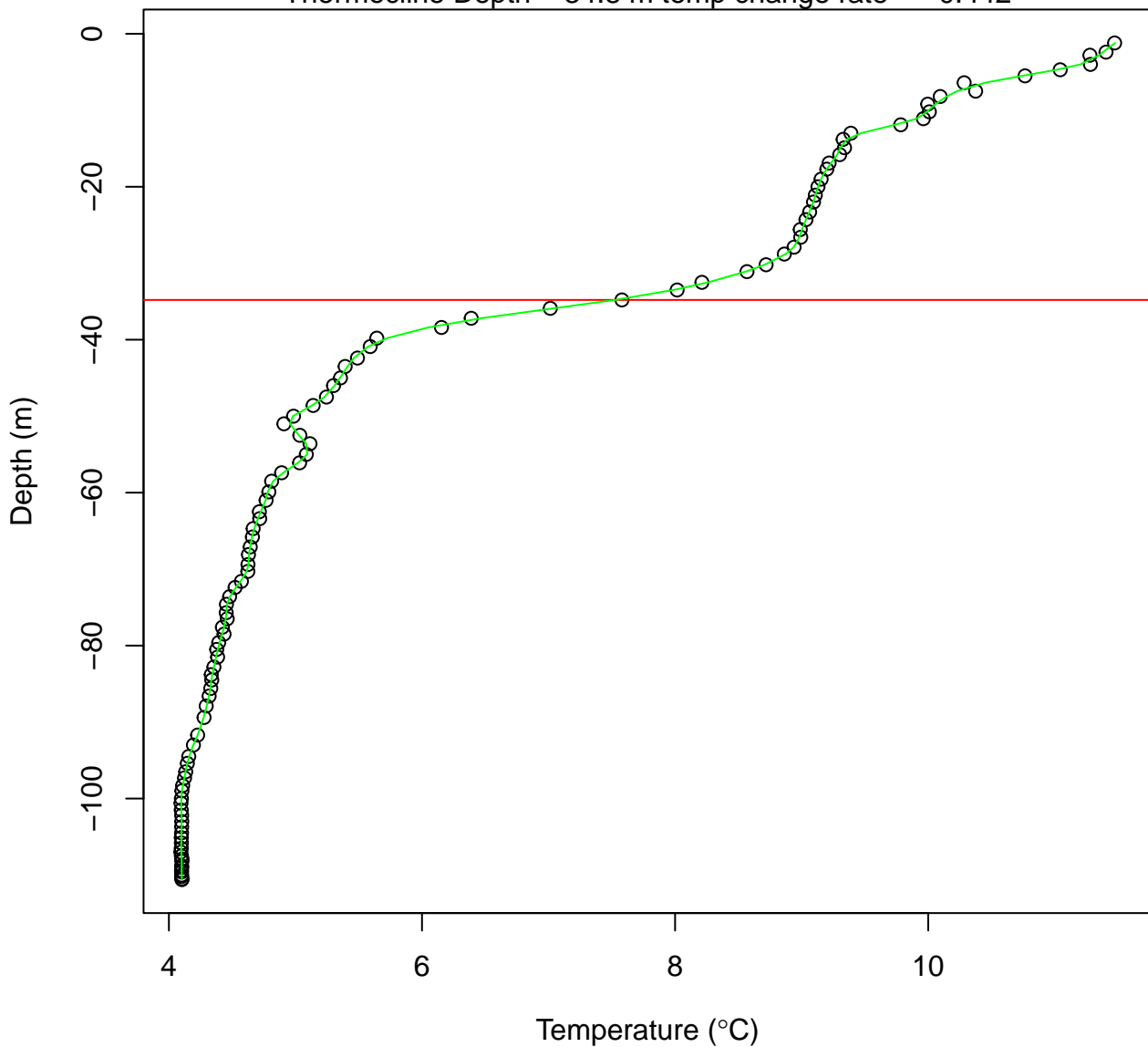
Vessel 148 Cruise 202201 Haul 175

Thermocline Depth = 18.8 m temp change rate = -0.347



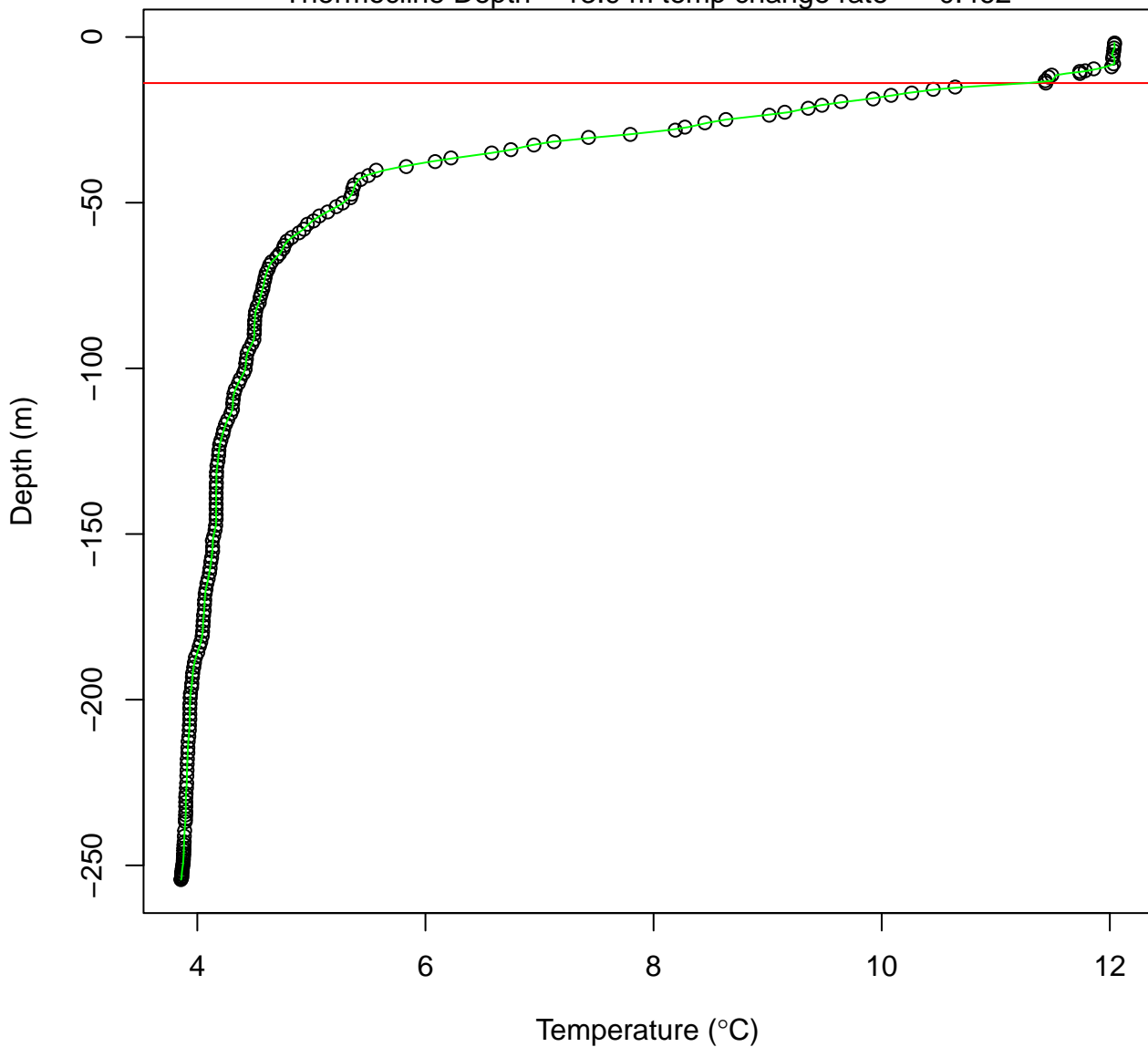
Vessel 148 Cruise 202201 Haul 176

Thermocline Depth = 34.8 m temp change rate = -0.442



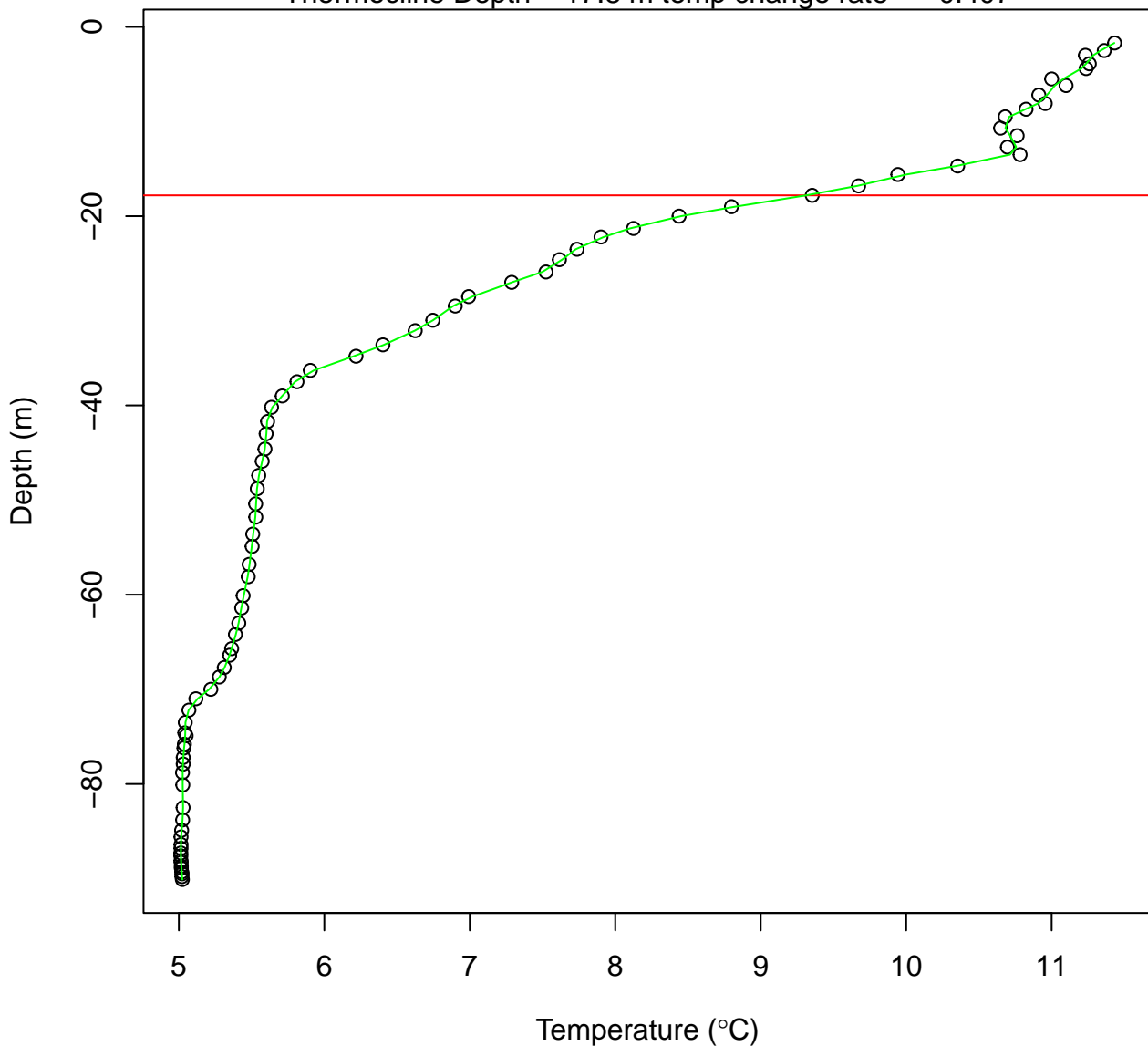
Vessel 148 Cruise 202201 Haul 177

Thermocline Depth = 13.9 m temp change rate = -0.462



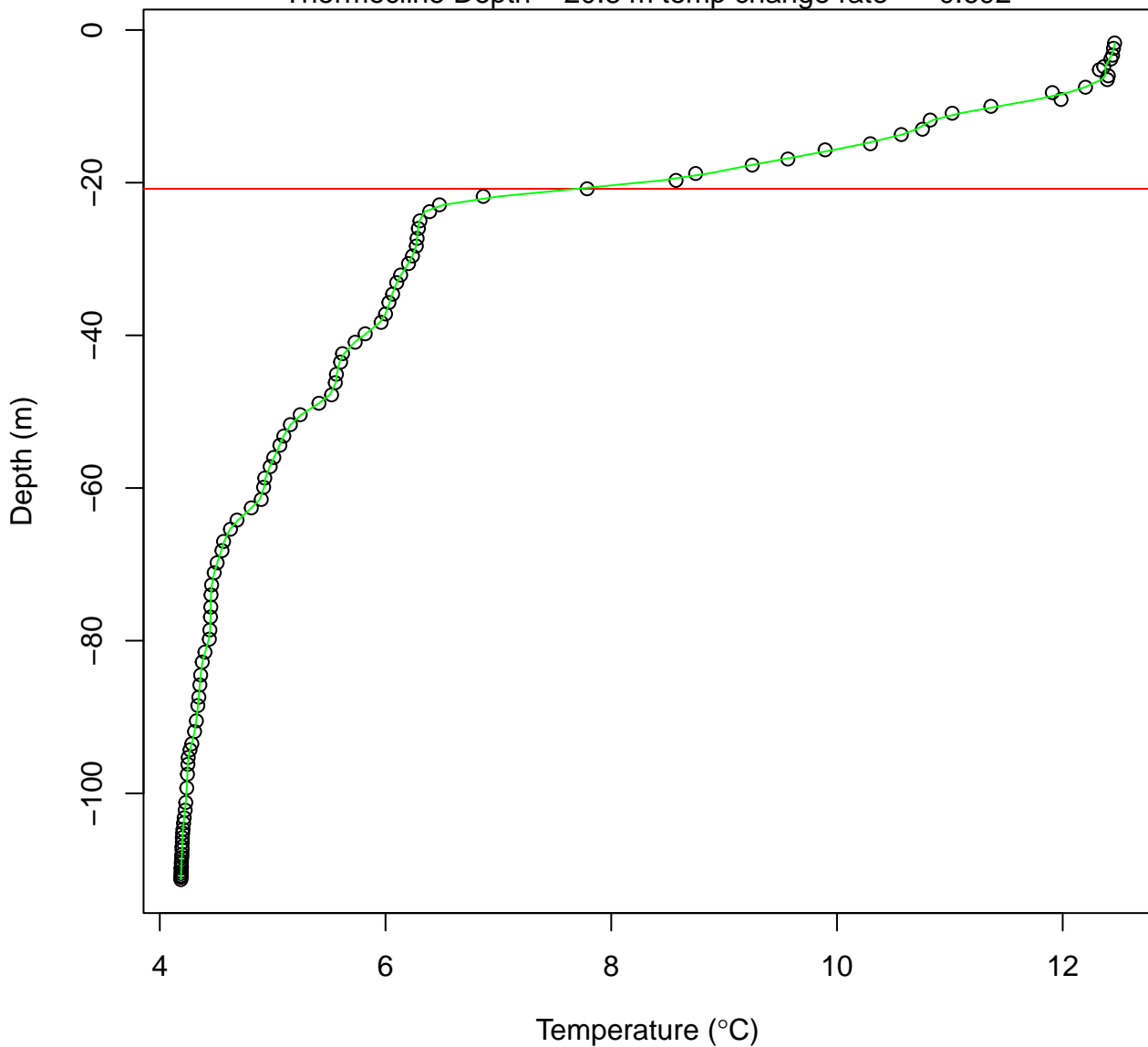
Vessel 148 Cruise 202201 Haul 178

Thermocline Depth = 17.8 m temp change rate = -0.407



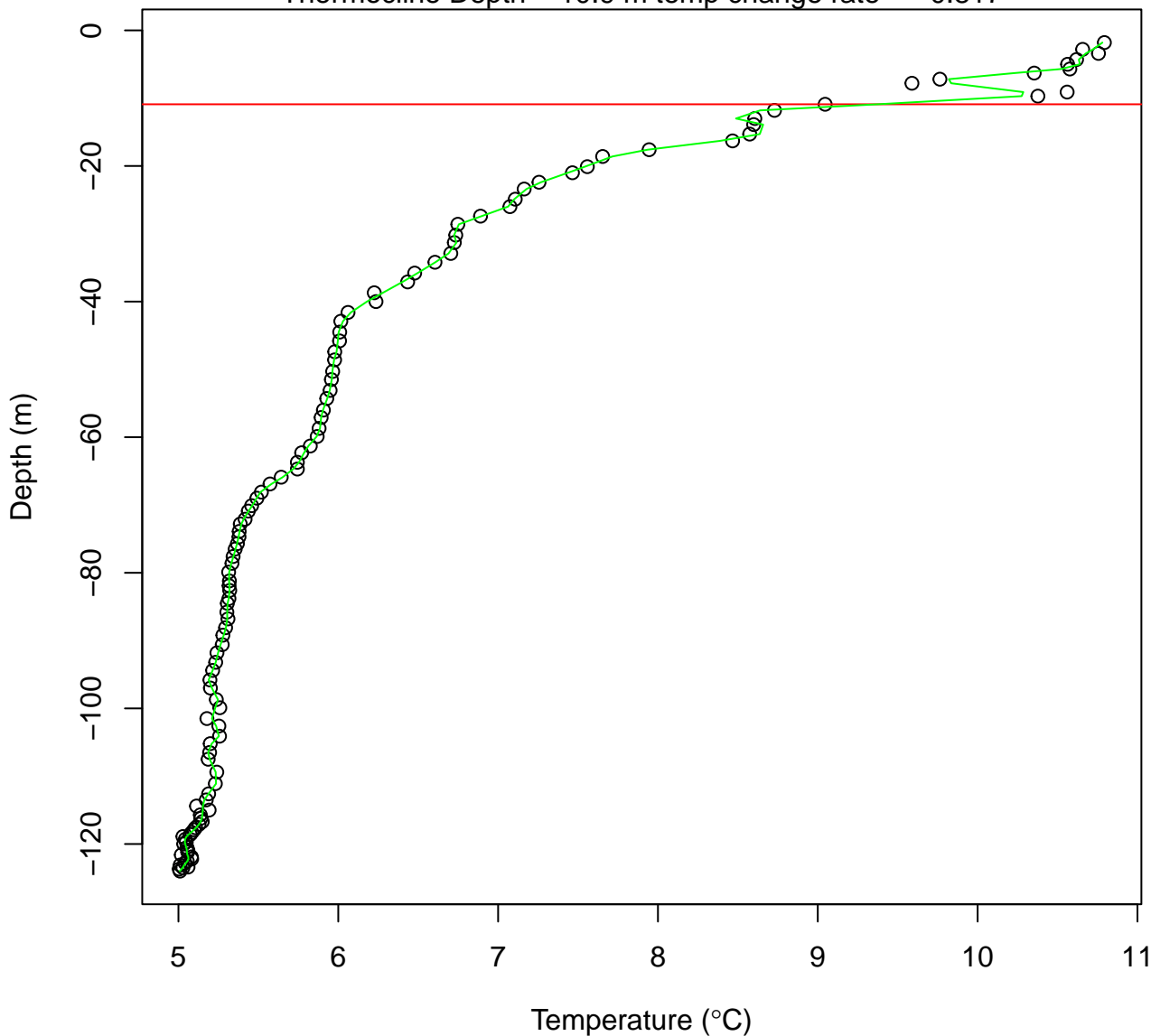
Vessel 148 Cruise 202201 Haul 179

Thermocline Depth = 20.8 m temp change rate = -0.692



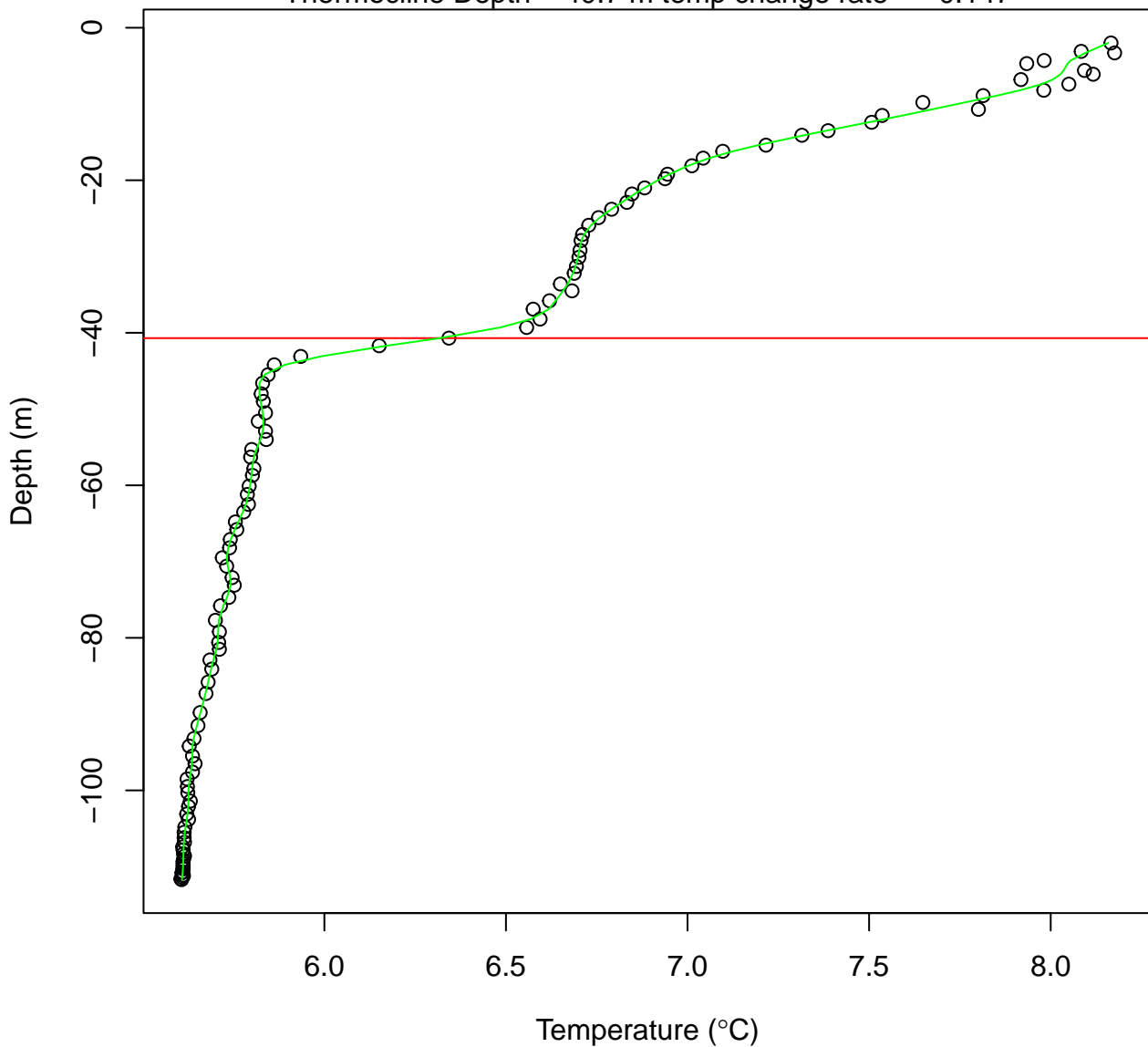
Vessel 148 Cruise 202201 Haul 180

Thermocline Depth = 10.9 m temp change rate = -0.817



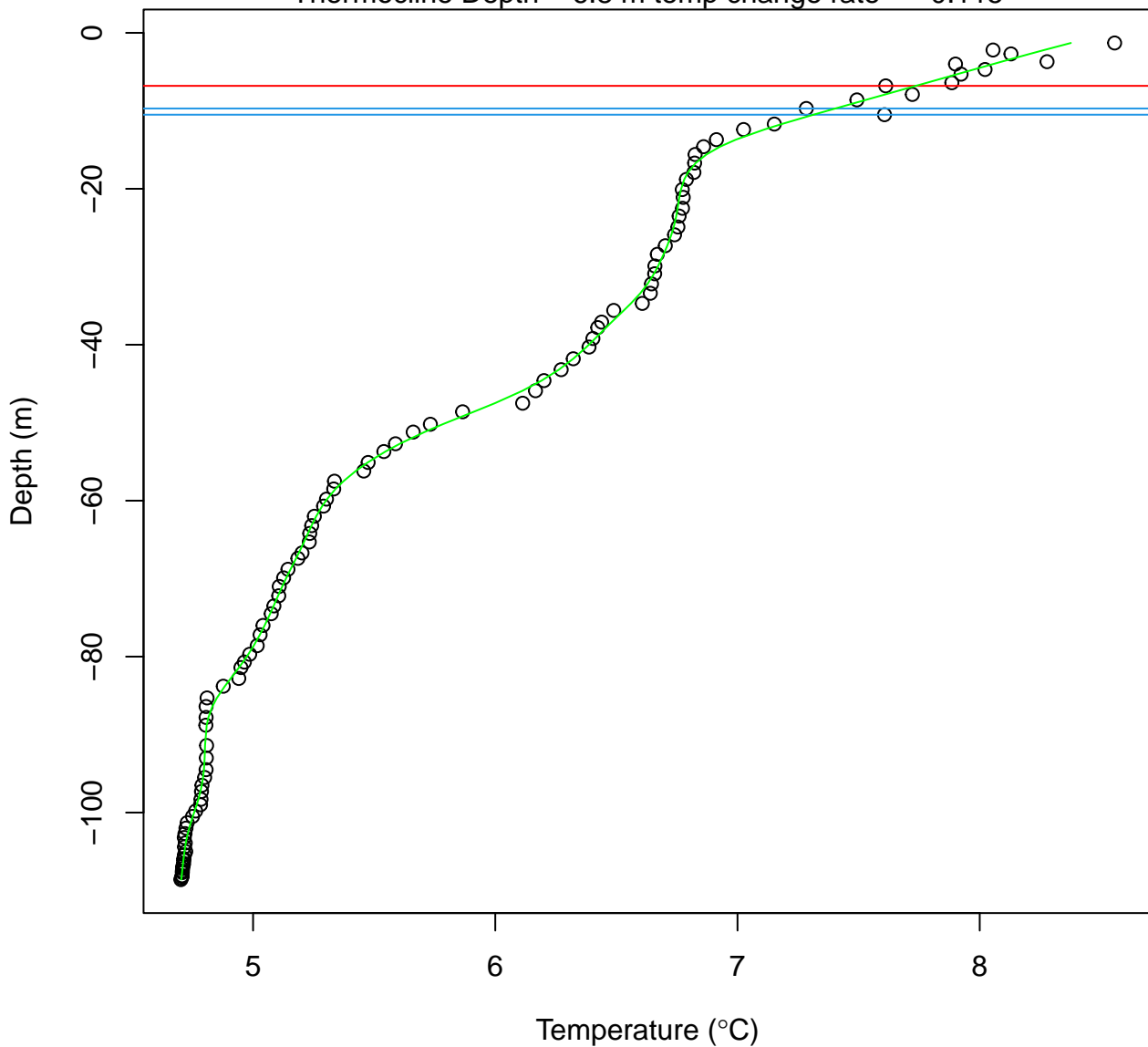
Vessel 148 Cruise 202201 Haul 181

Thermocline Depth = 40.7 m temp change rate = -0.147



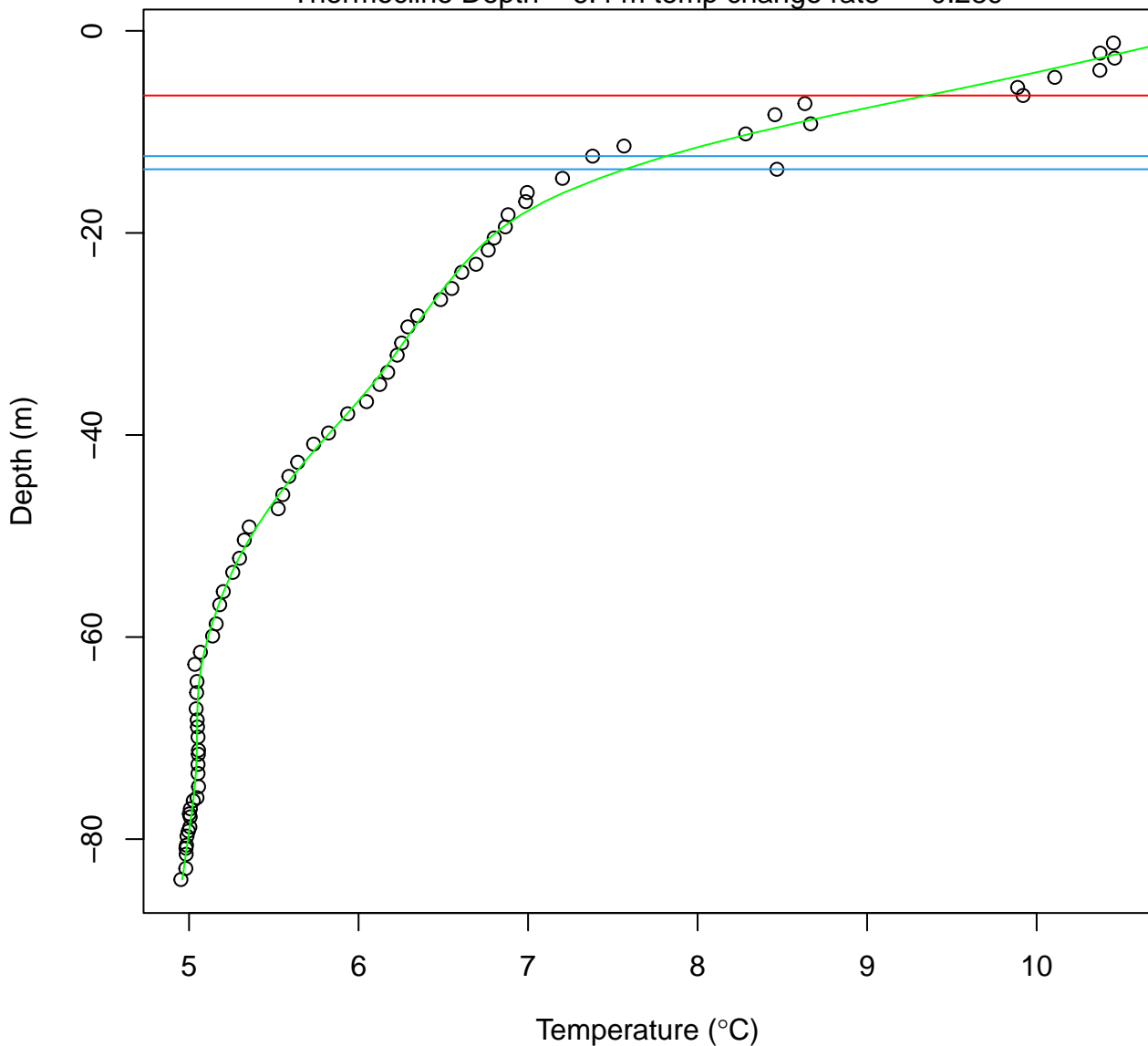
Vessel 148 Cruise 202201 Haul 182

Thermocline Depth = 6.8 m temp change rate = -0.115



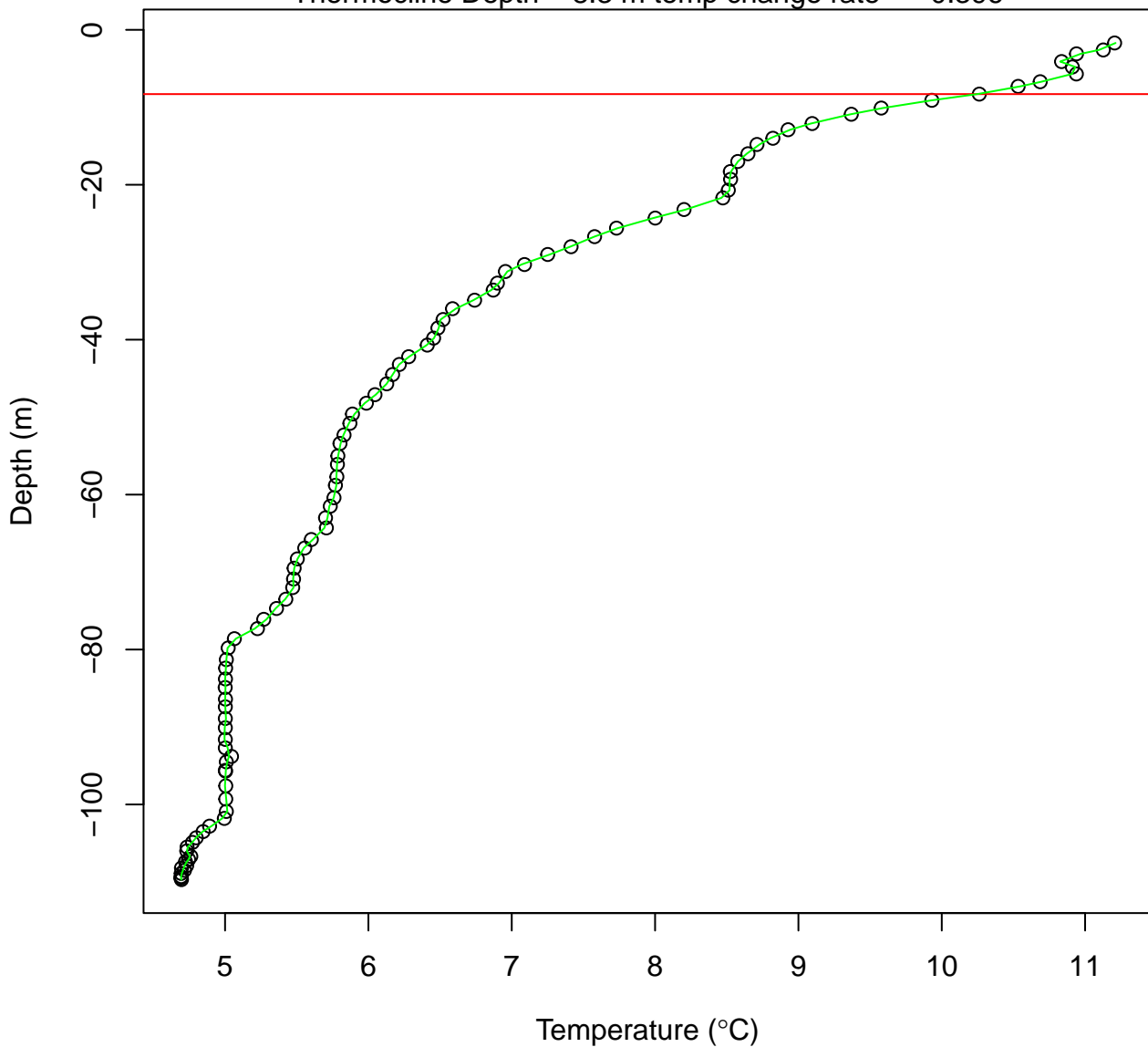
Vessel 148 Cruise 202201 Haul 183

Thermocline Depth = 6.4 m temp change rate = -0.289



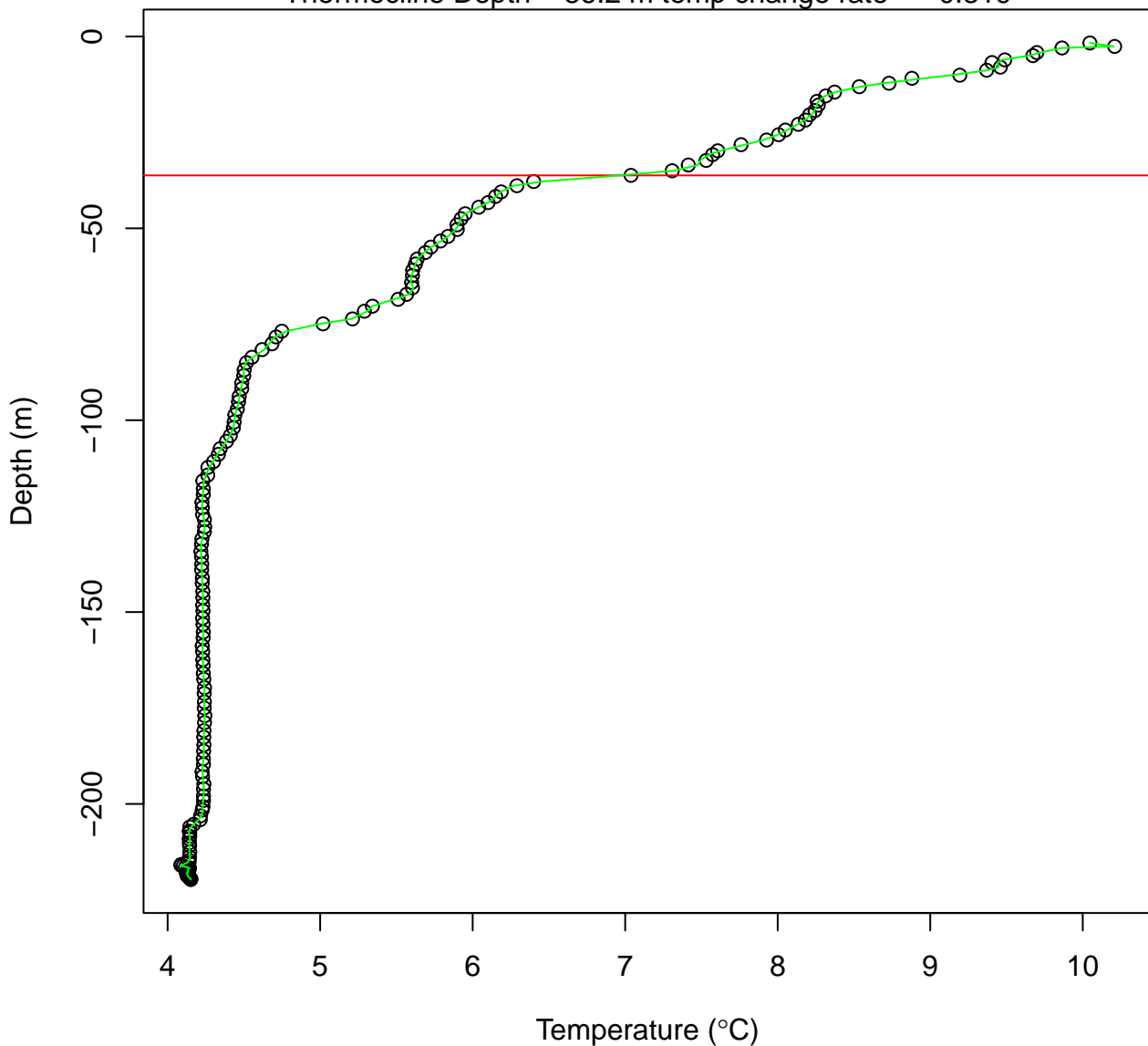
Vessel 148 Cruise 202201 Haul 184

Thermocline Depth = 8.3 m temp change rate = -0.396



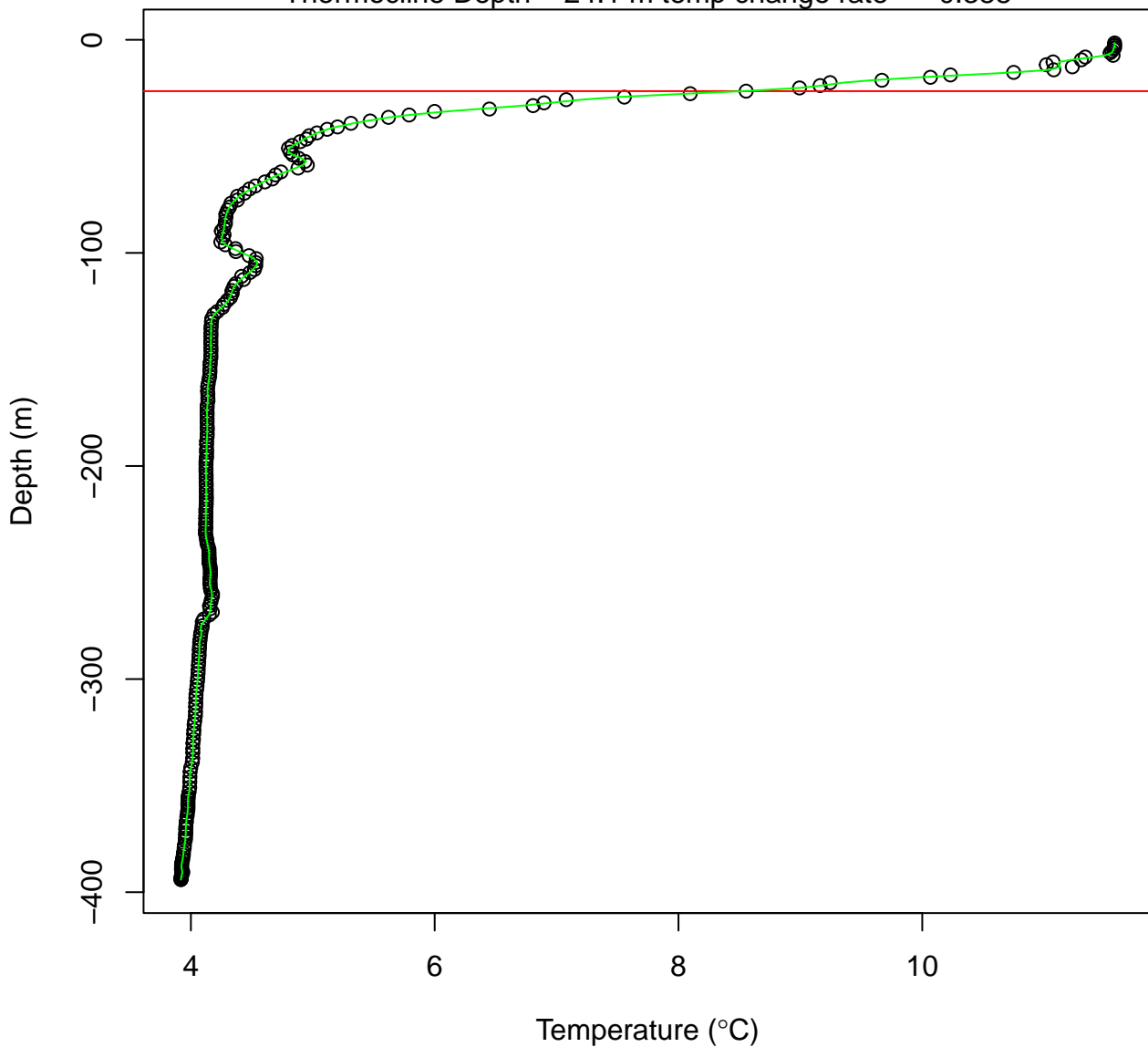
Vessel 148 Cruise 202201 Haul 185

Thermocline Depth = 36.2 m temp change rate = -0.319



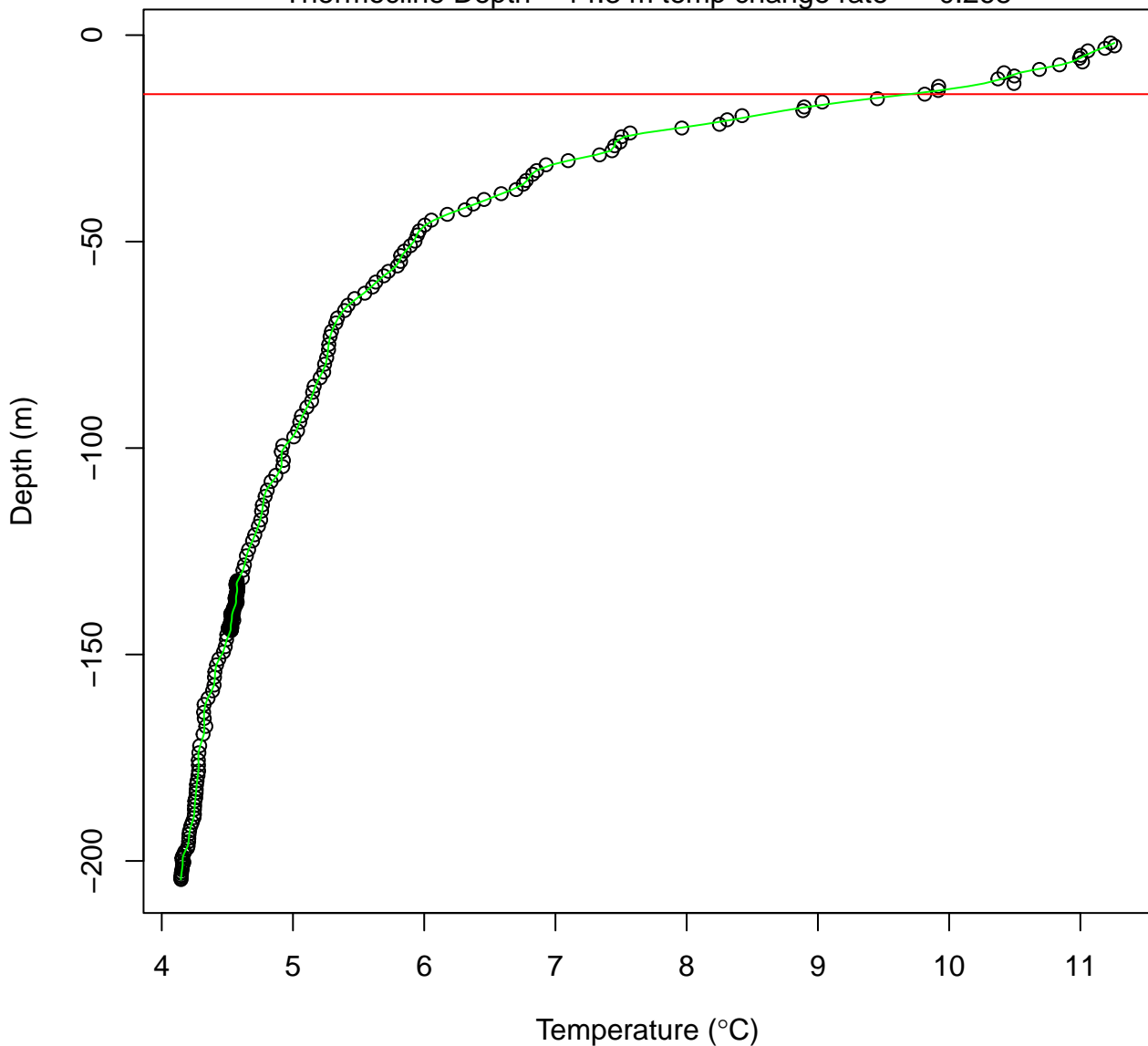
Vessel 148 Cruise 202201 Haul 186

Thermocline Depth = 24.1 m temp change rate = -0.388



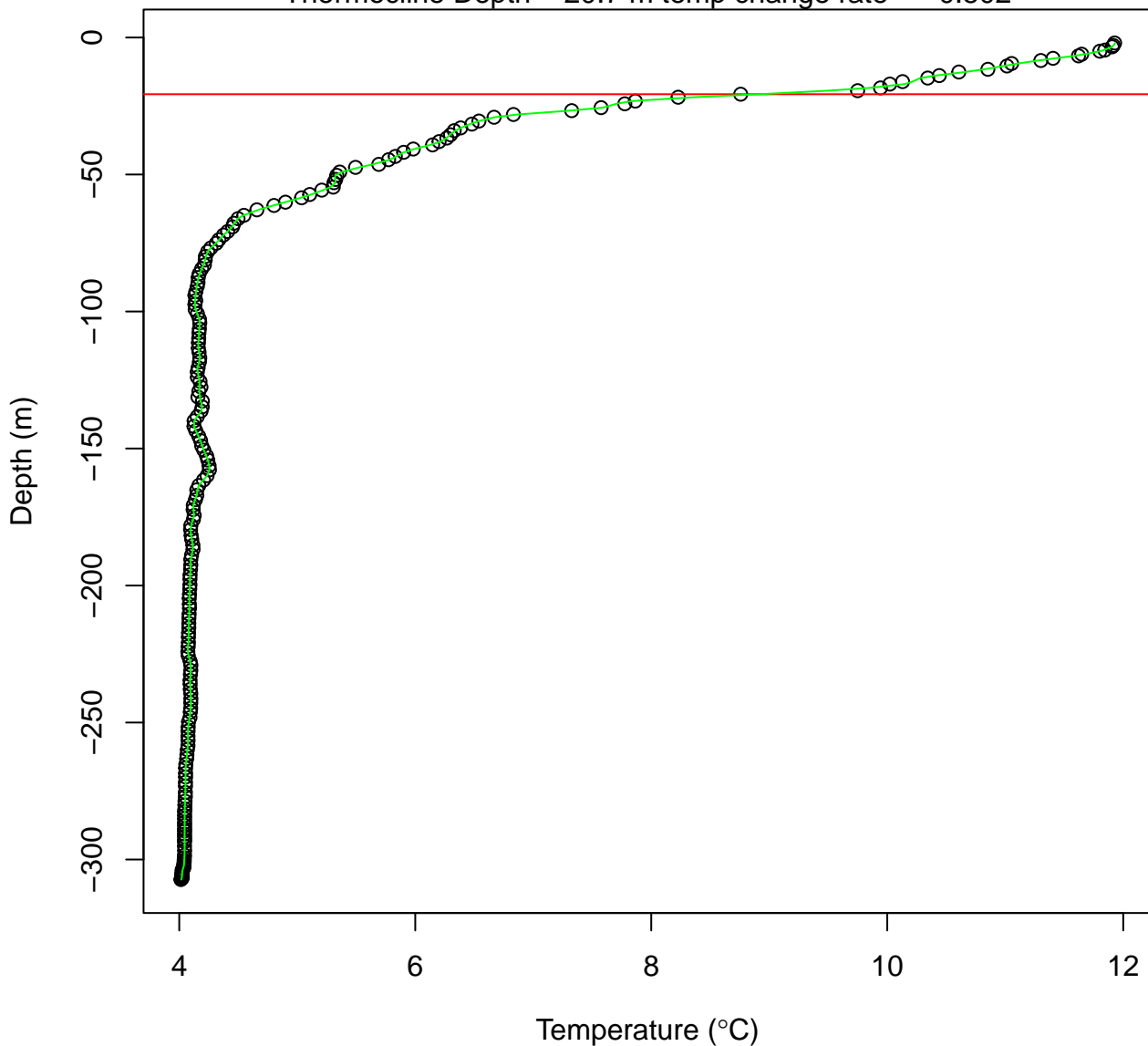
Vessel 148 Cruise 202201 Haul 187

Thermocline Depth = 14.3 m temp change rate = -0.268



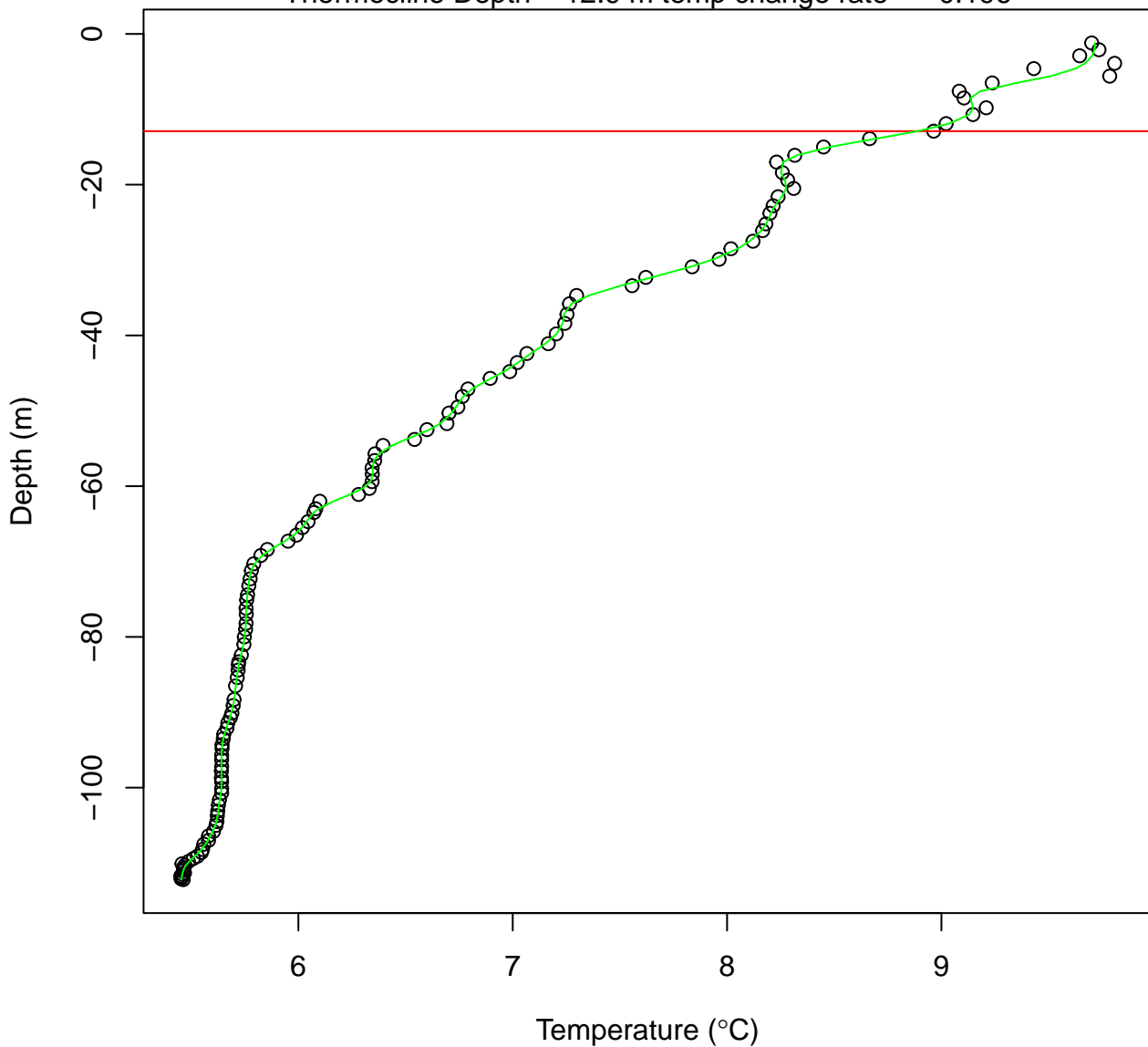
Vessel 148 Cruise 202201 Haul 188

Thermocline Depth = 20.7 m temp change rate = -0.502



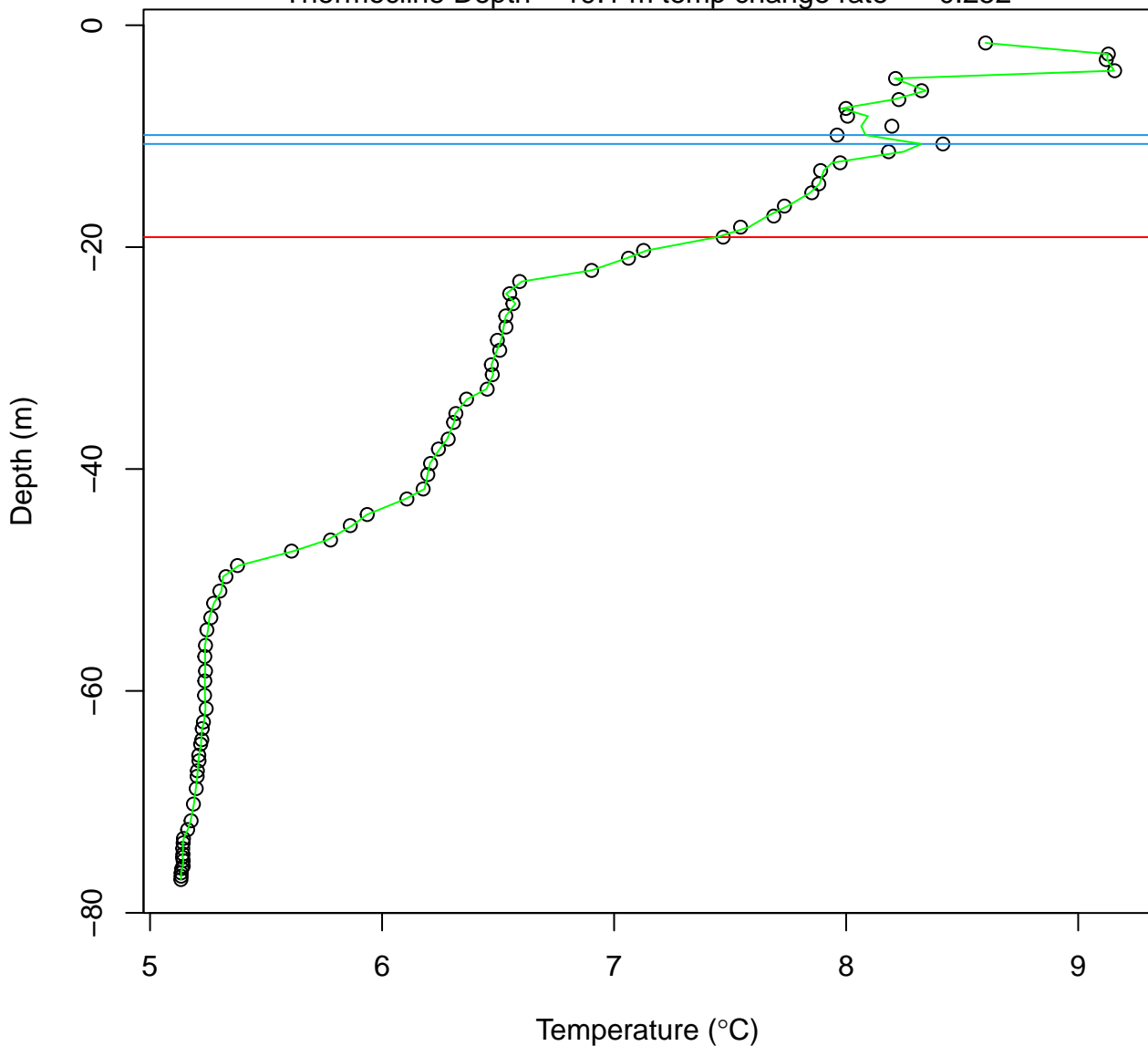
Vessel 148 Cruise 202201 Haul 189

Thermocline Depth = 12.9 m temp change rate = -0.196



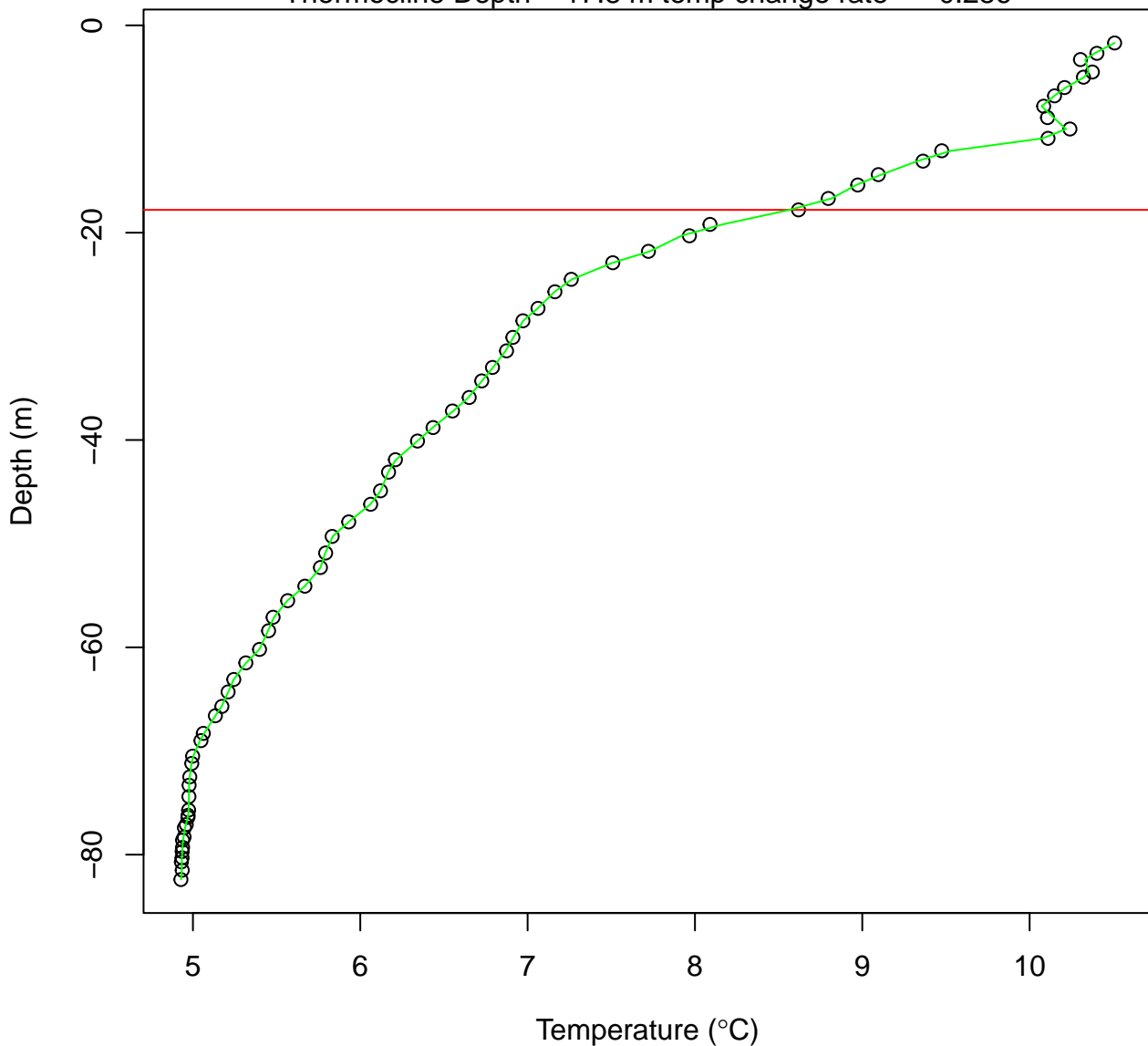
Vessel 148 Cruise 202201 Haul 192

Thermocline Depth = 19.1 m temp change rate = -0.252



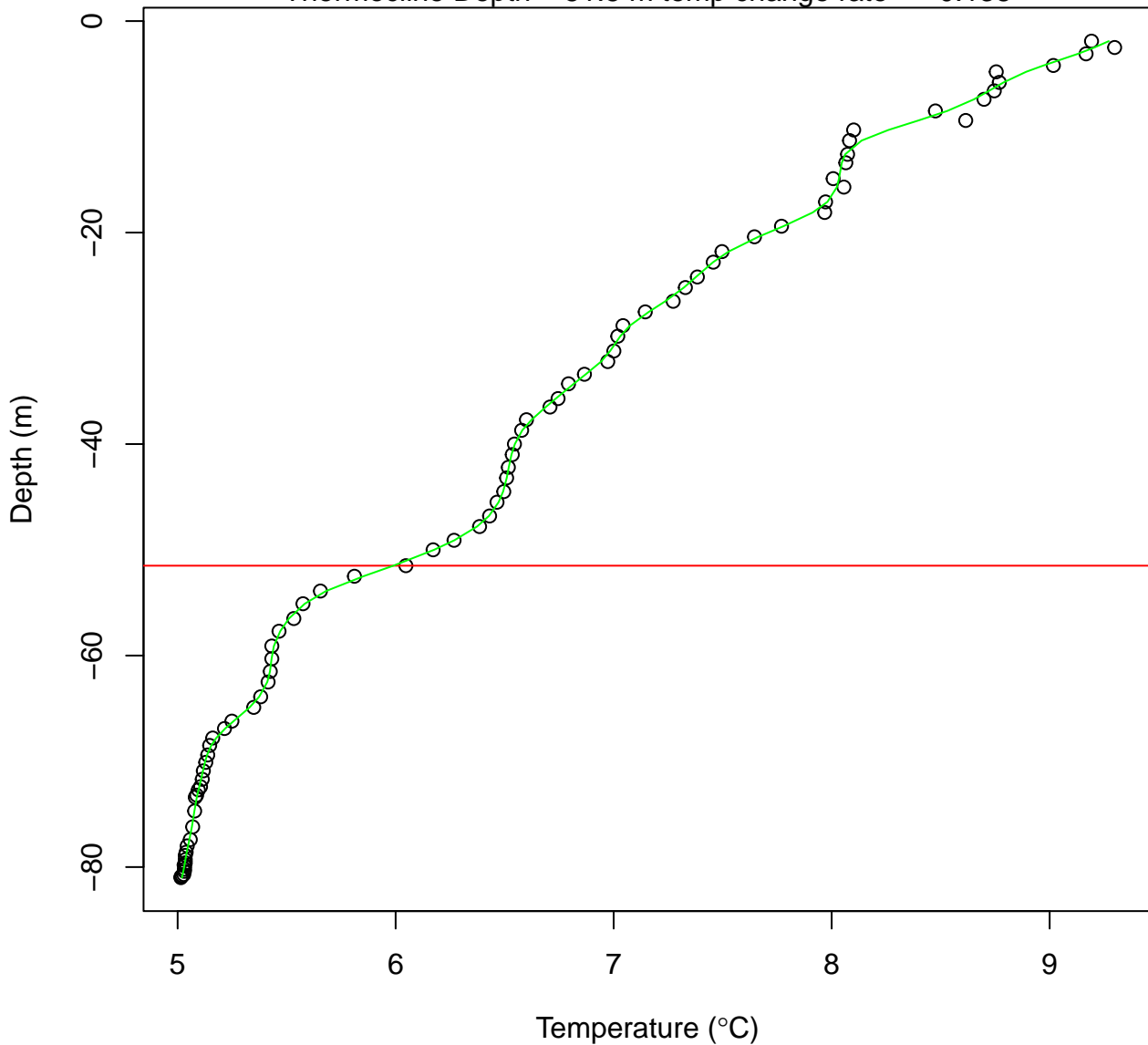
Vessel 148 Cruise 202201 Haul 193

Thermocline Depth = 17.8 m temp change rate = -0.286



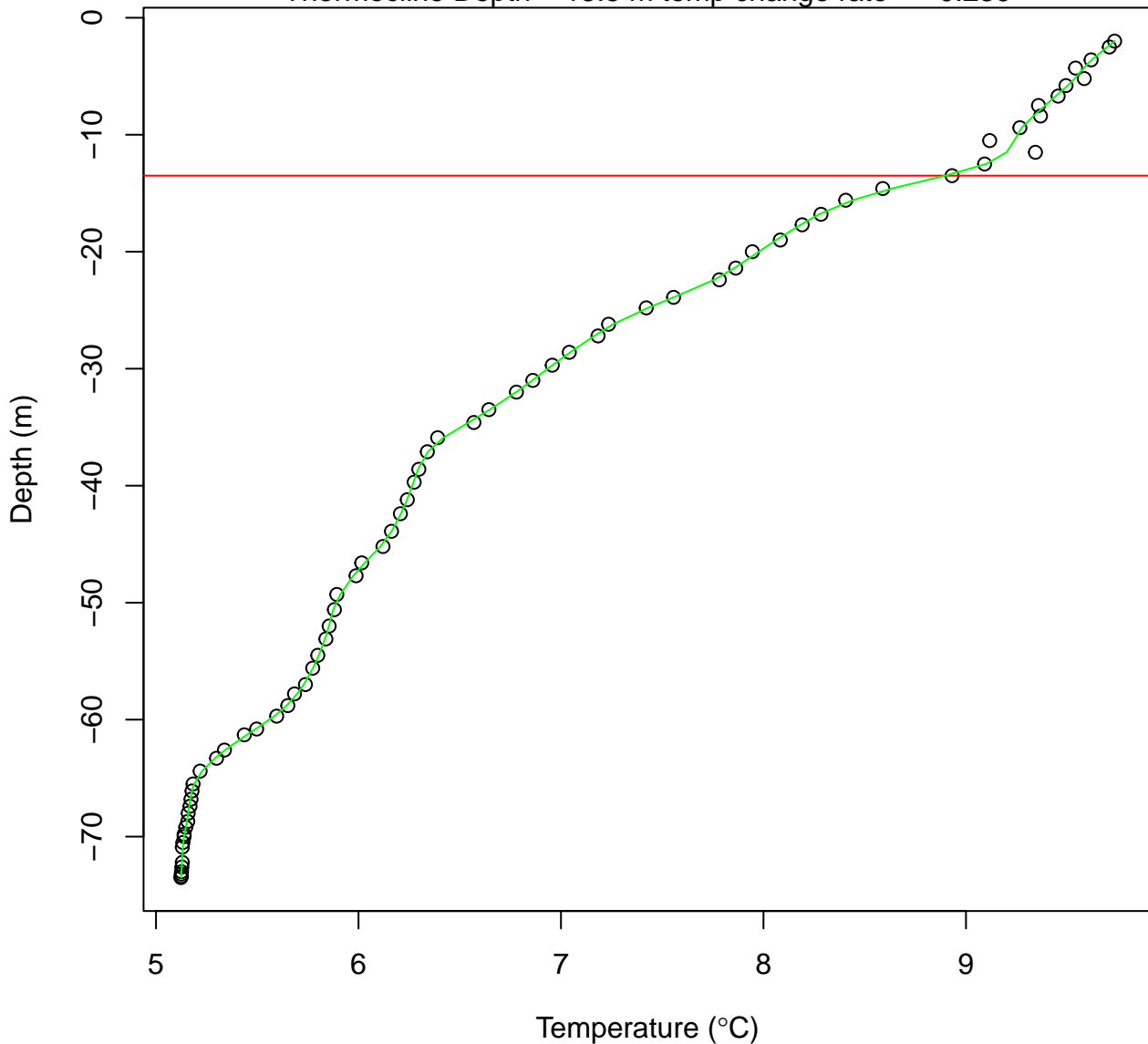
Vessel 148 Cruise 202201 Haul 194

Thermocline Depth = 51.5 m temp change rate = -0.138



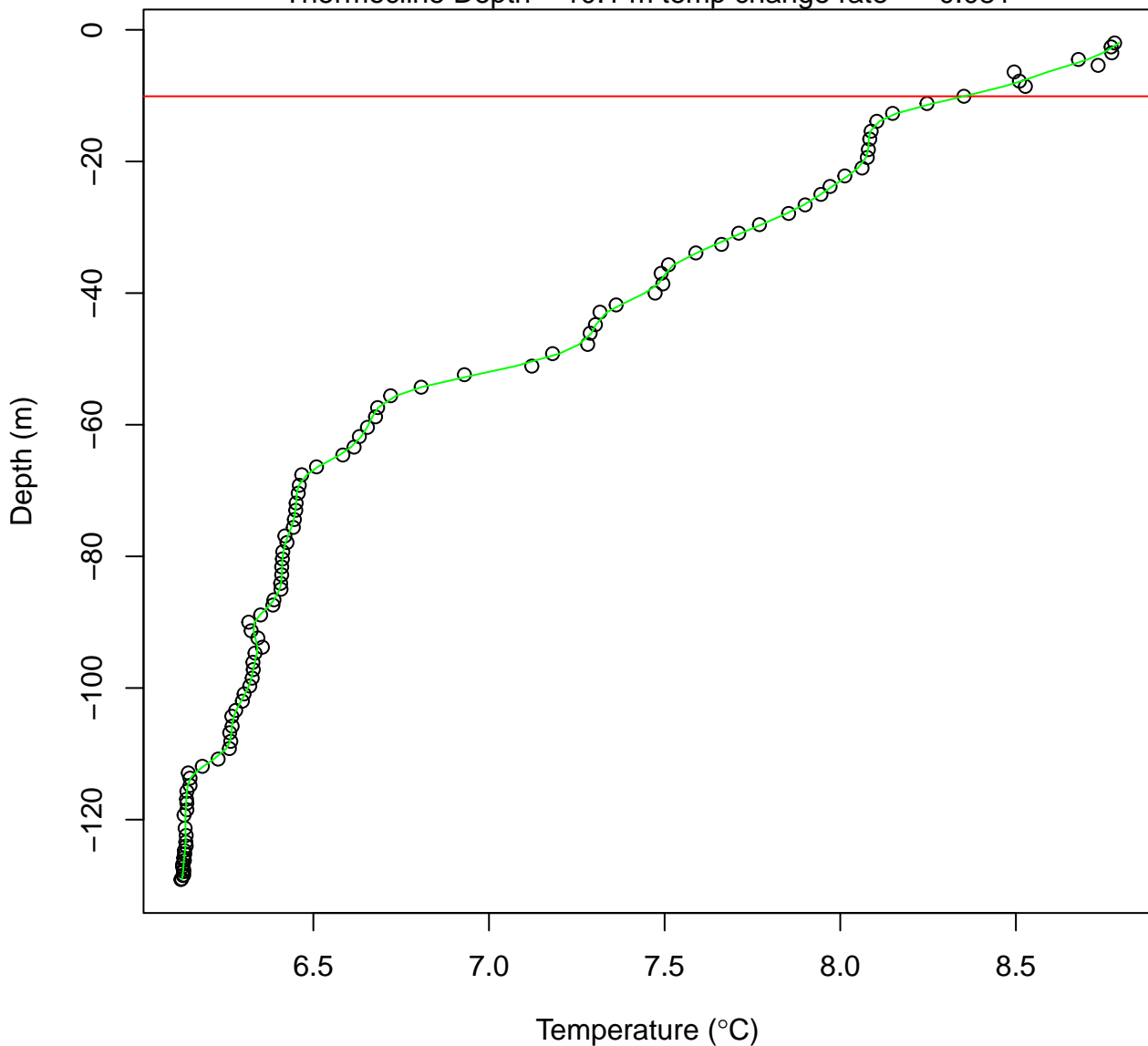
Vessel 148 Cruise 202201 Haul 195

Thermocline Depth = 13.5 m temp change rate = -0.239



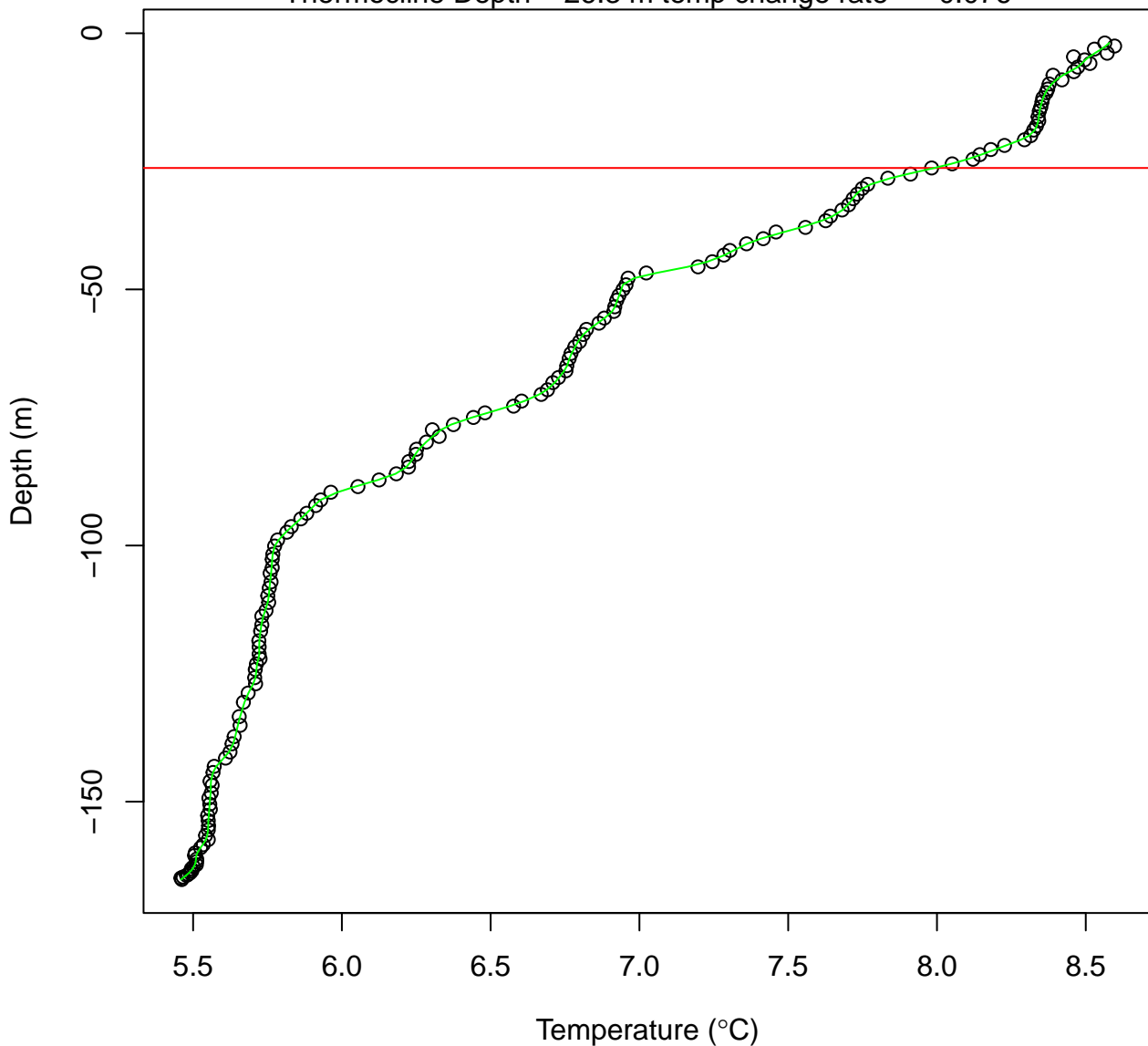
Vessel 148 Cruise 202201 Haul 196

Thermocline Depth = 10.1 m temp change rate = -0.081



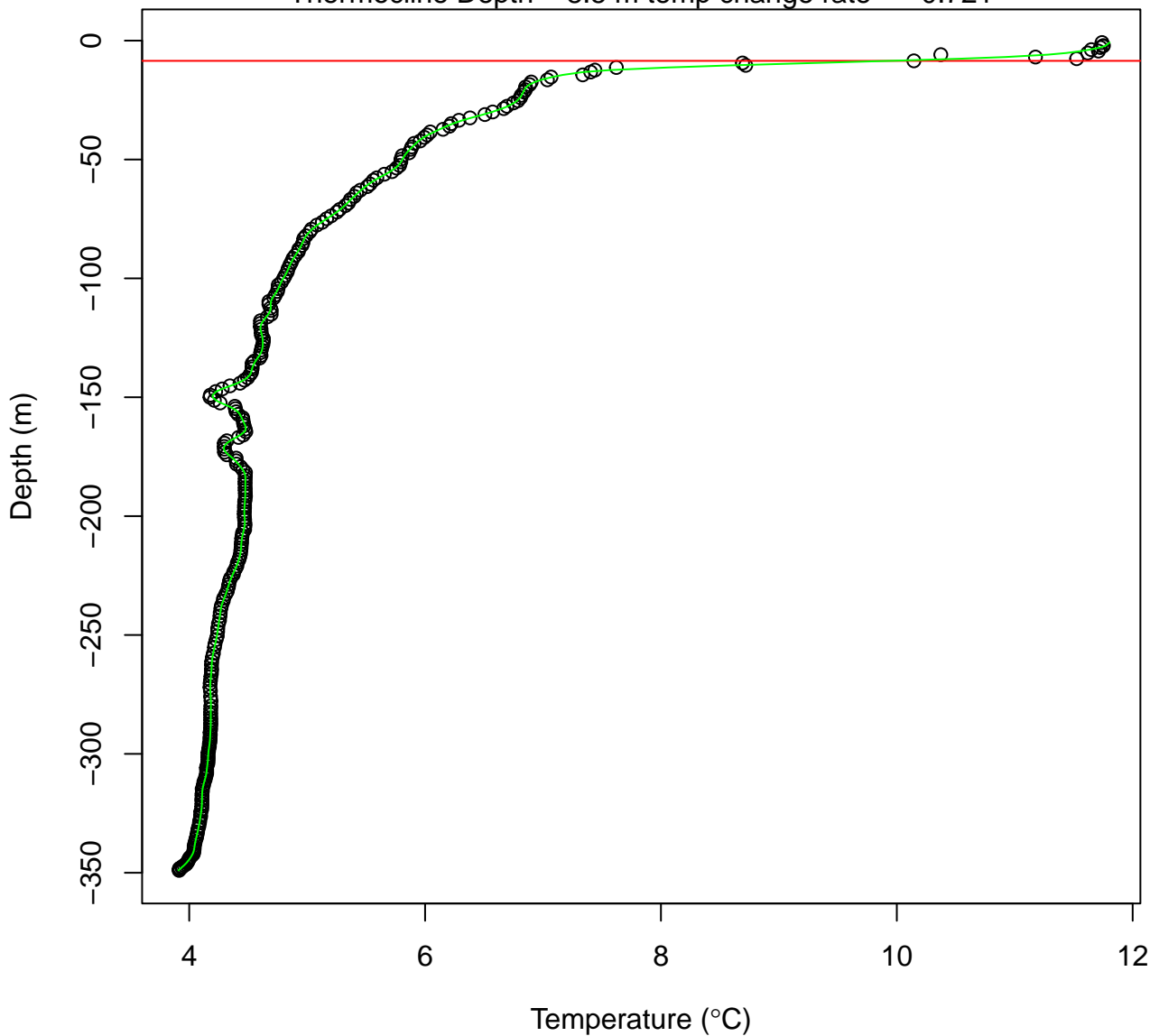
Vessel 148 Cruise 202201 Haul 197

Thermocline Depth = 26.3 m temp change rate = -0.076



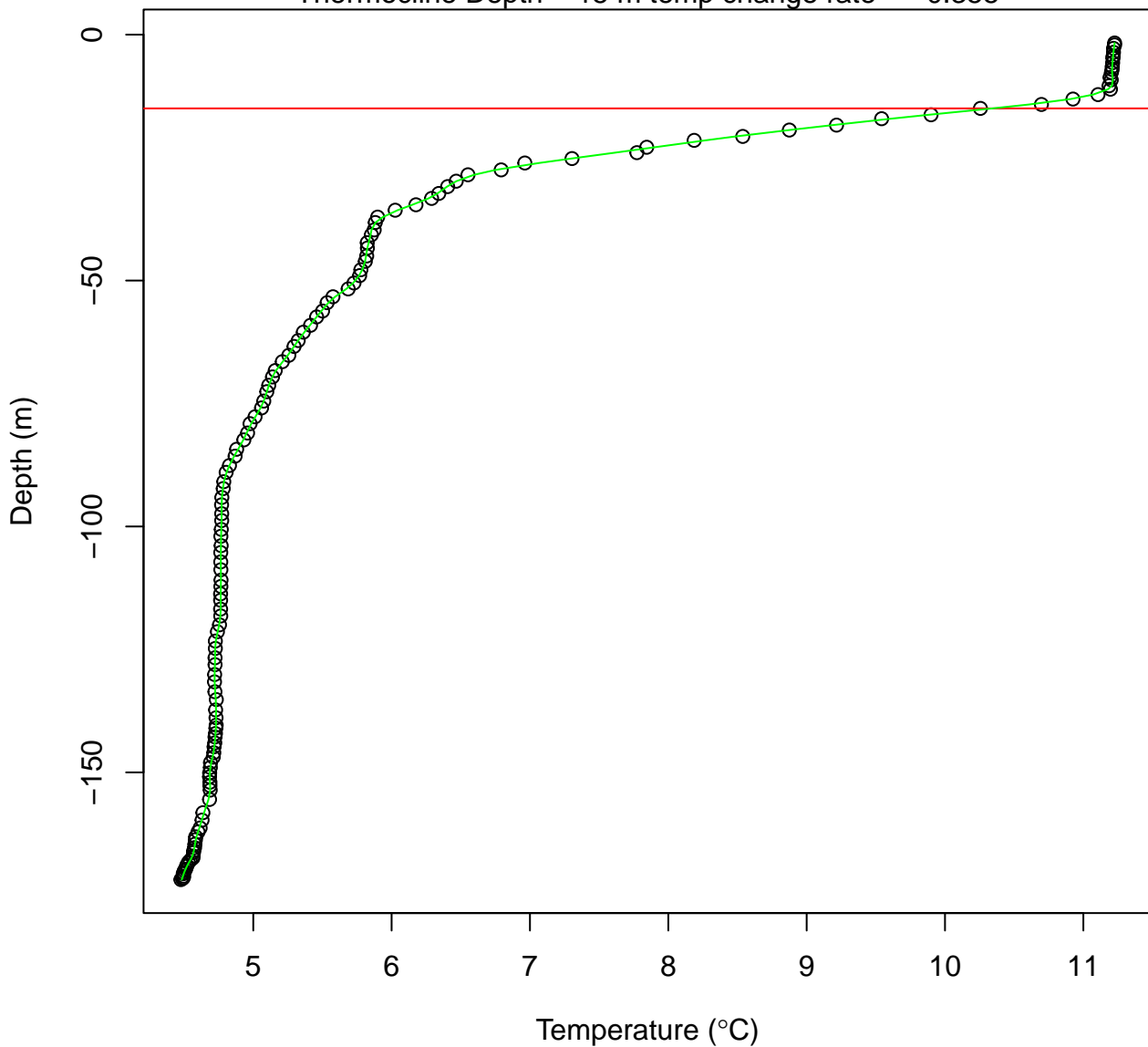
Vessel 148 Cruise 202201 Haul 198

Thermocline Depth = 8.5 m temp change rate = -0.721



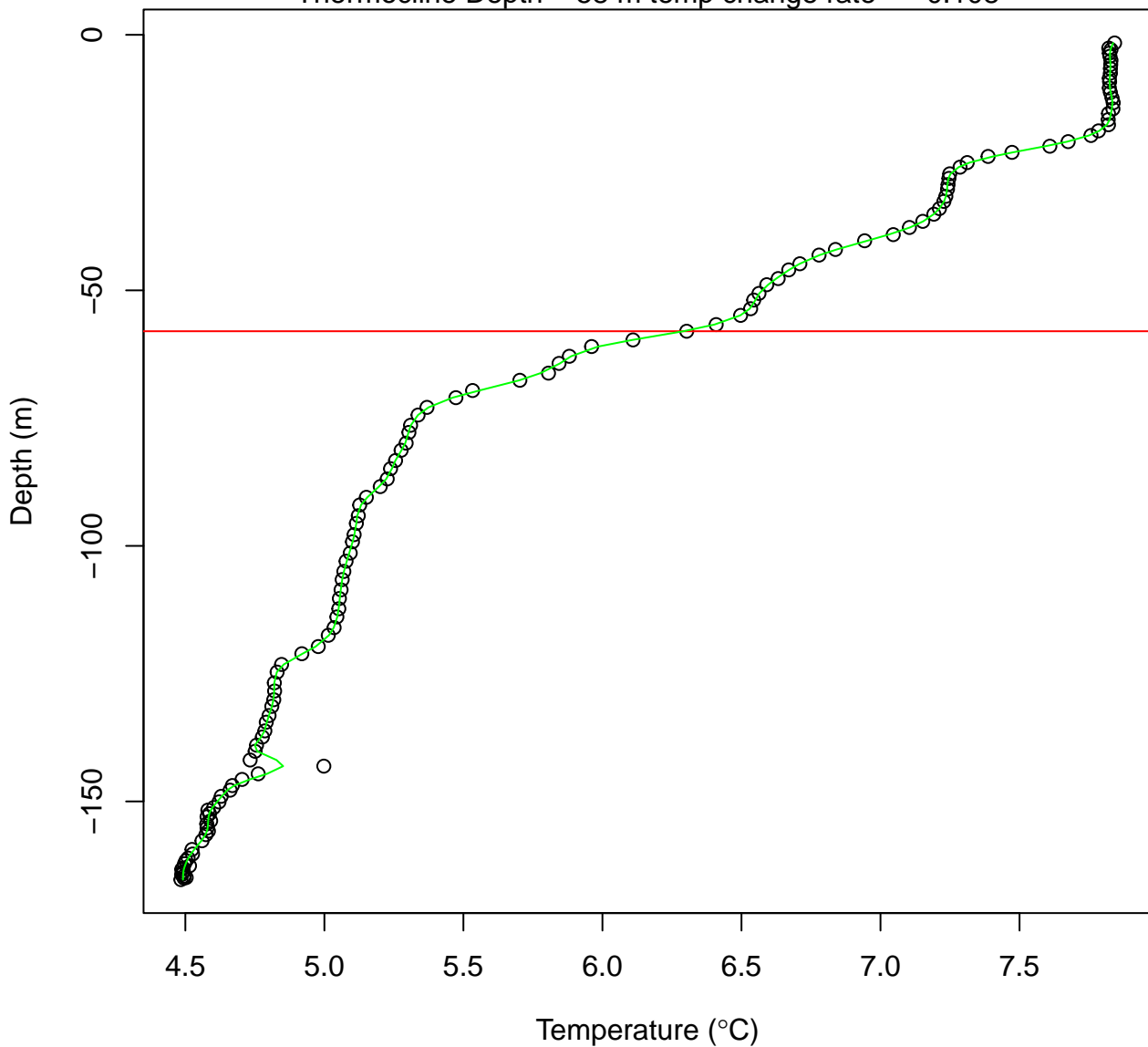
Vessel 148 Cruise 202201 Haul 199

Thermocline Depth = 15 m temp change rate = -0.355



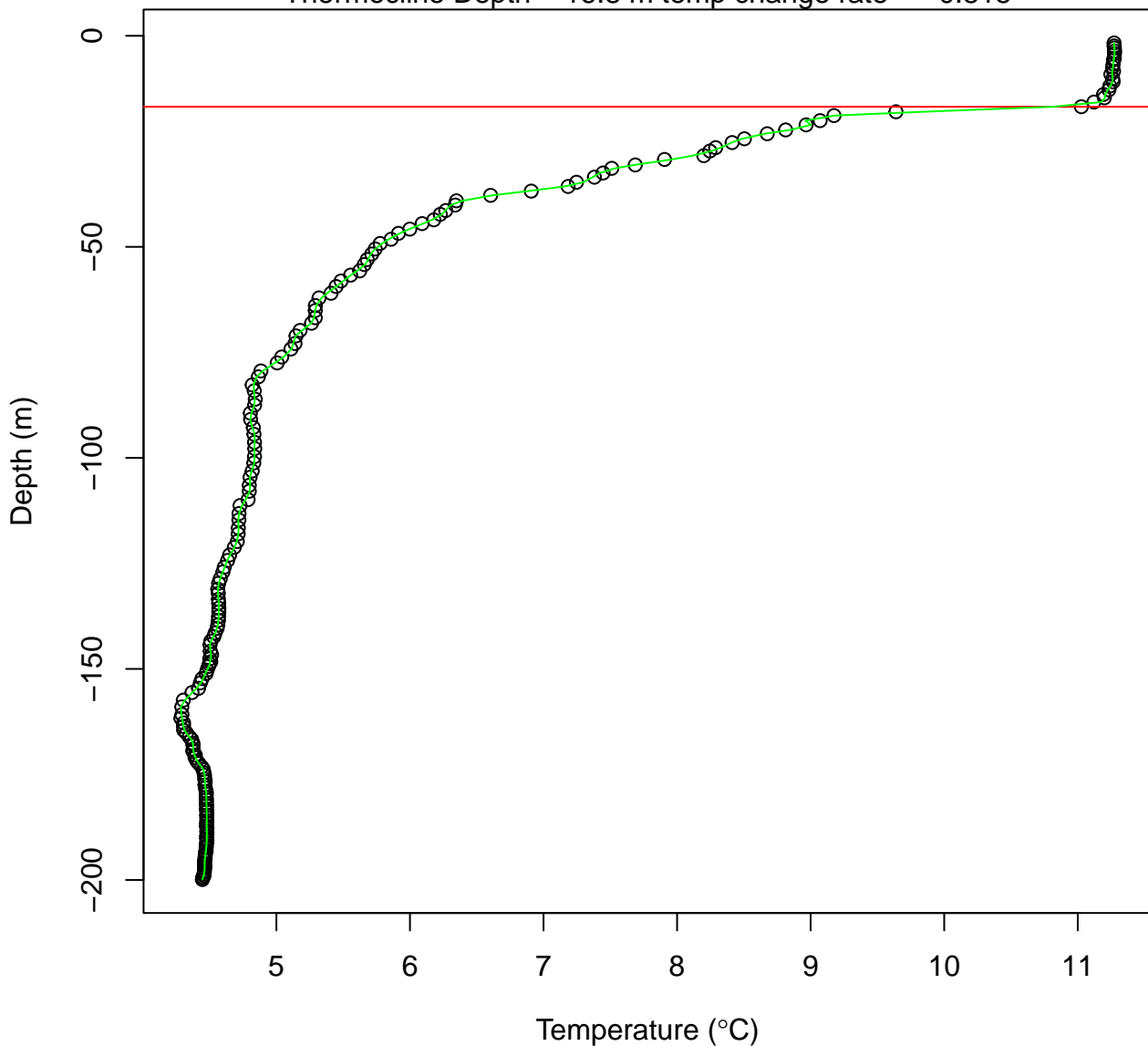
Vessel 148 Cruise 202201 Haul 200

Thermocline Depth = 58 m temp change rate = -0.108



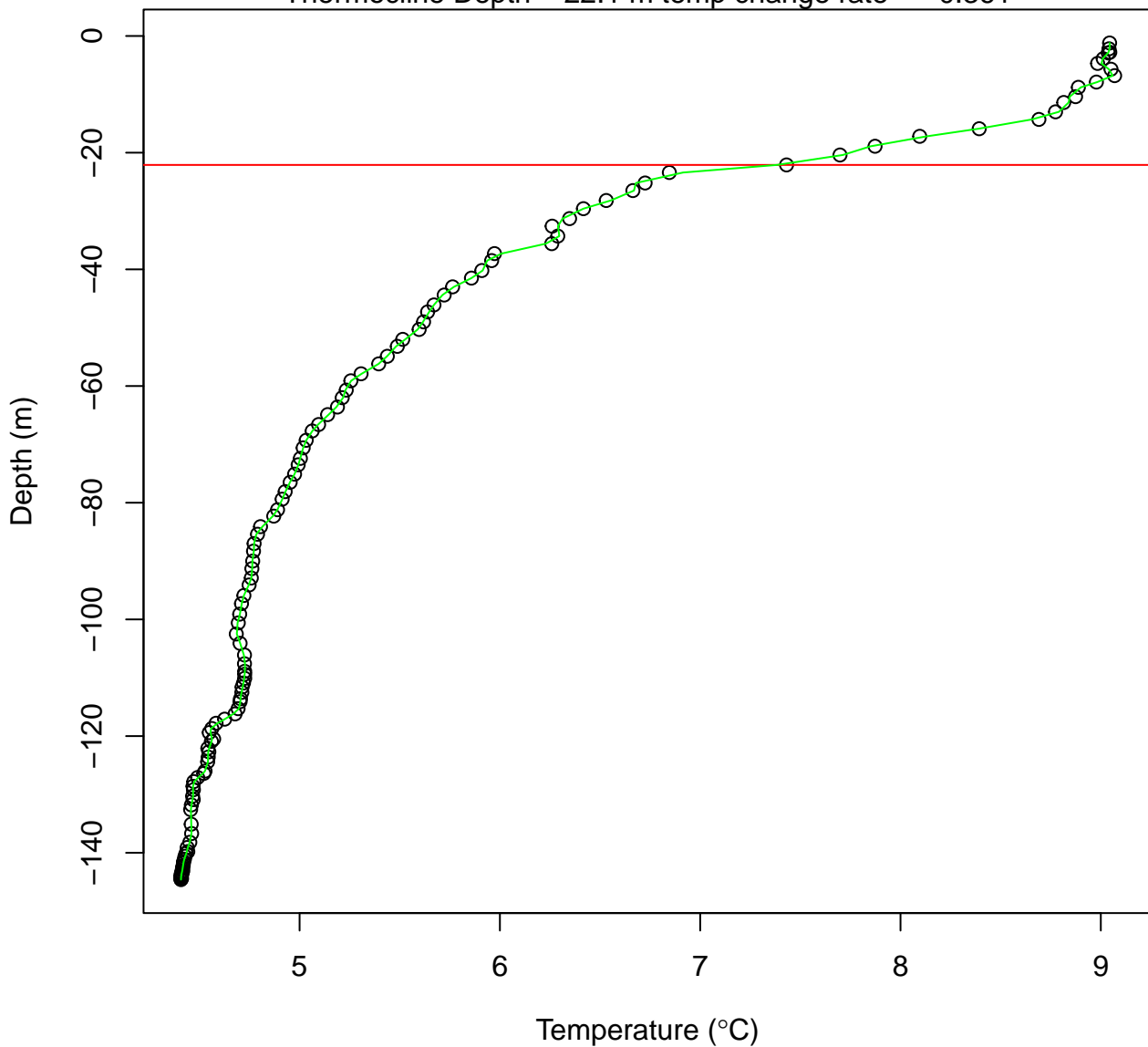
Vessel 148 Cruise 202201 Haul 201

Thermocline Depth = 16.8 m temp change rate = -0.815



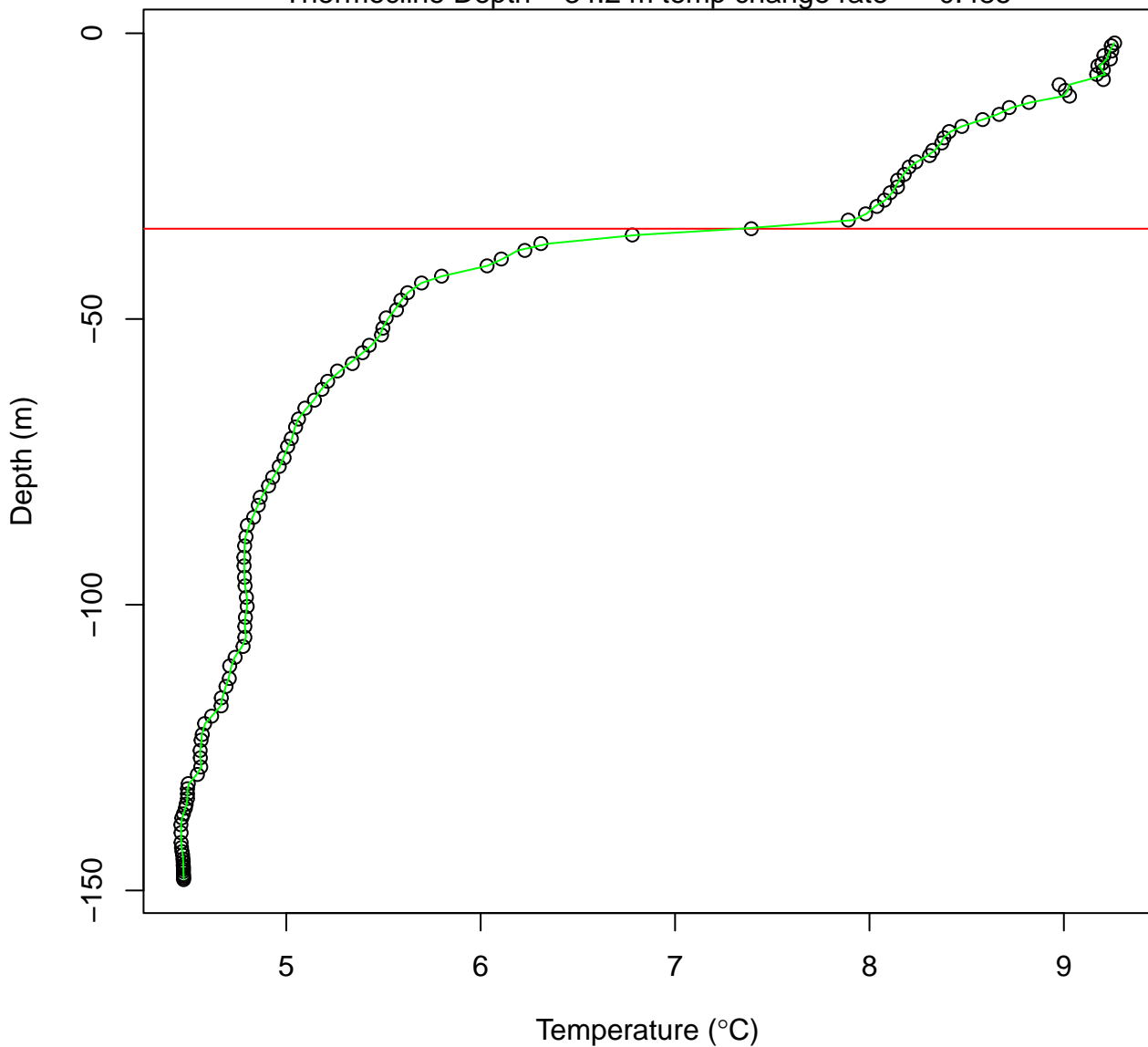
Vessel 148 Cruise 202201 Haul 202

Thermocline Depth = 22.1 m temp change rate = -0.361



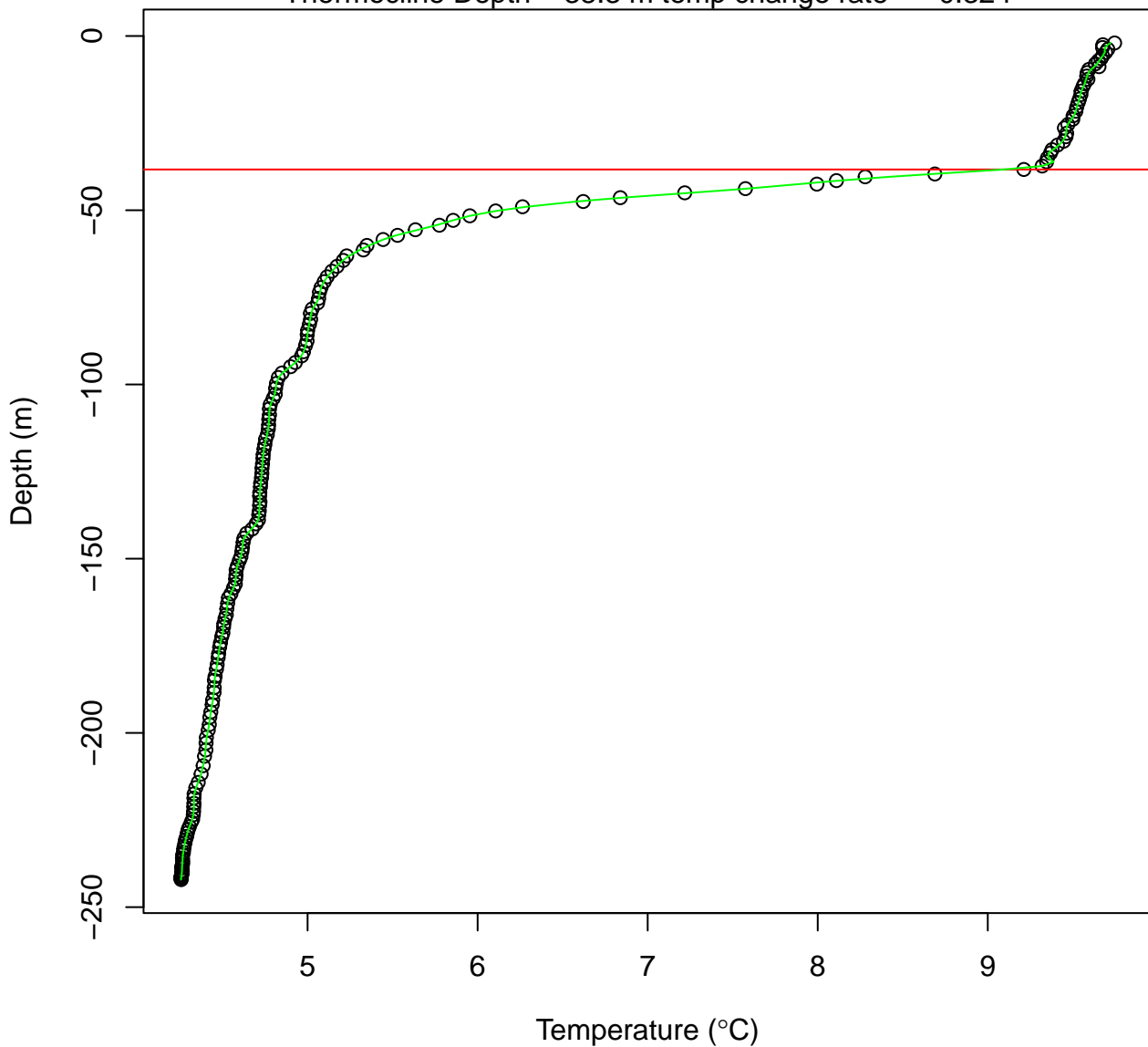
Vessel 148 Cruise 202201 Haul 203

Thermocline Depth = 34.2 m temp change rate = -0.485



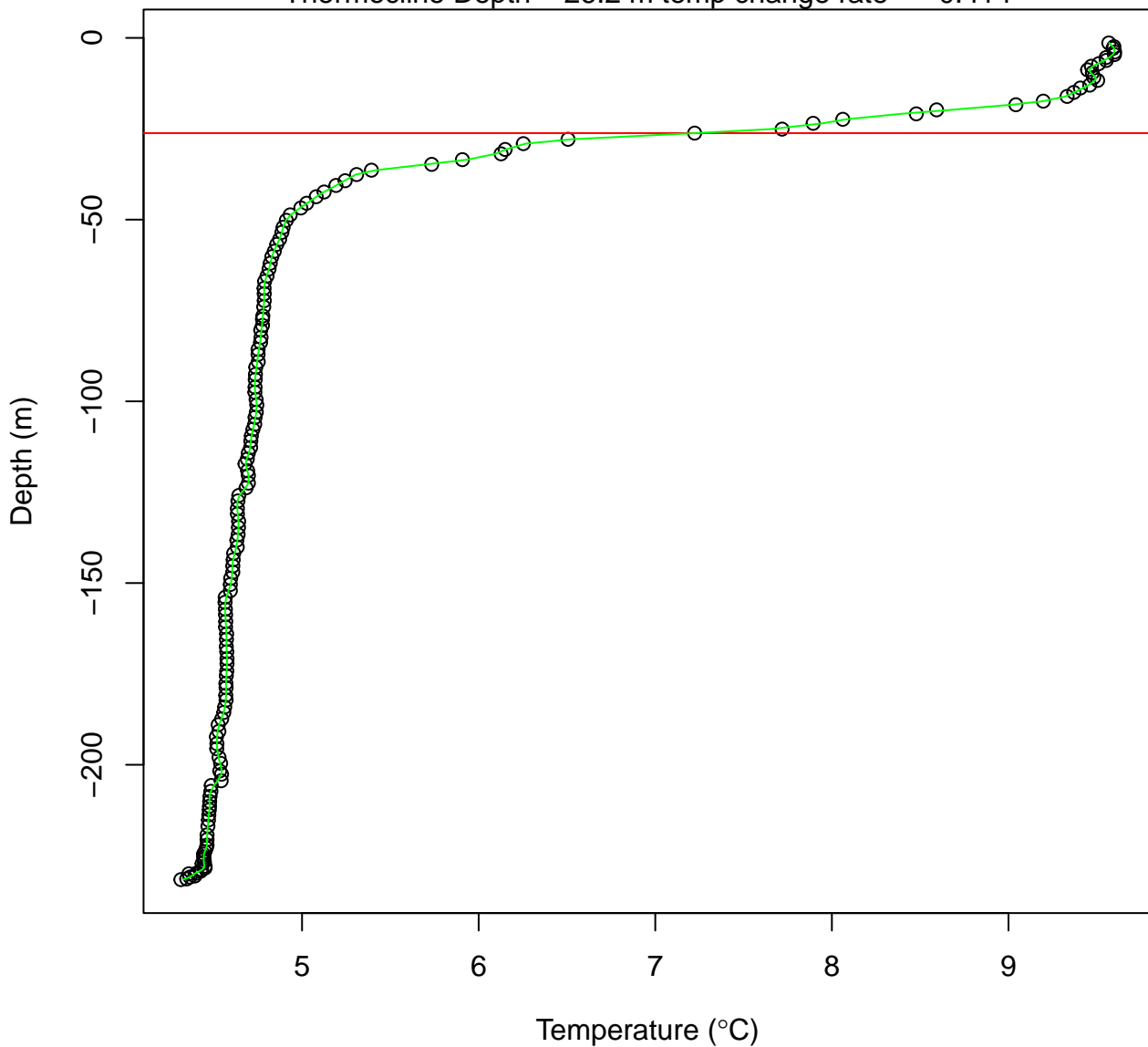
Vessel 148 Cruise 202201 Haul 204

Thermocline Depth = 38.3 m temp change rate = -0.324



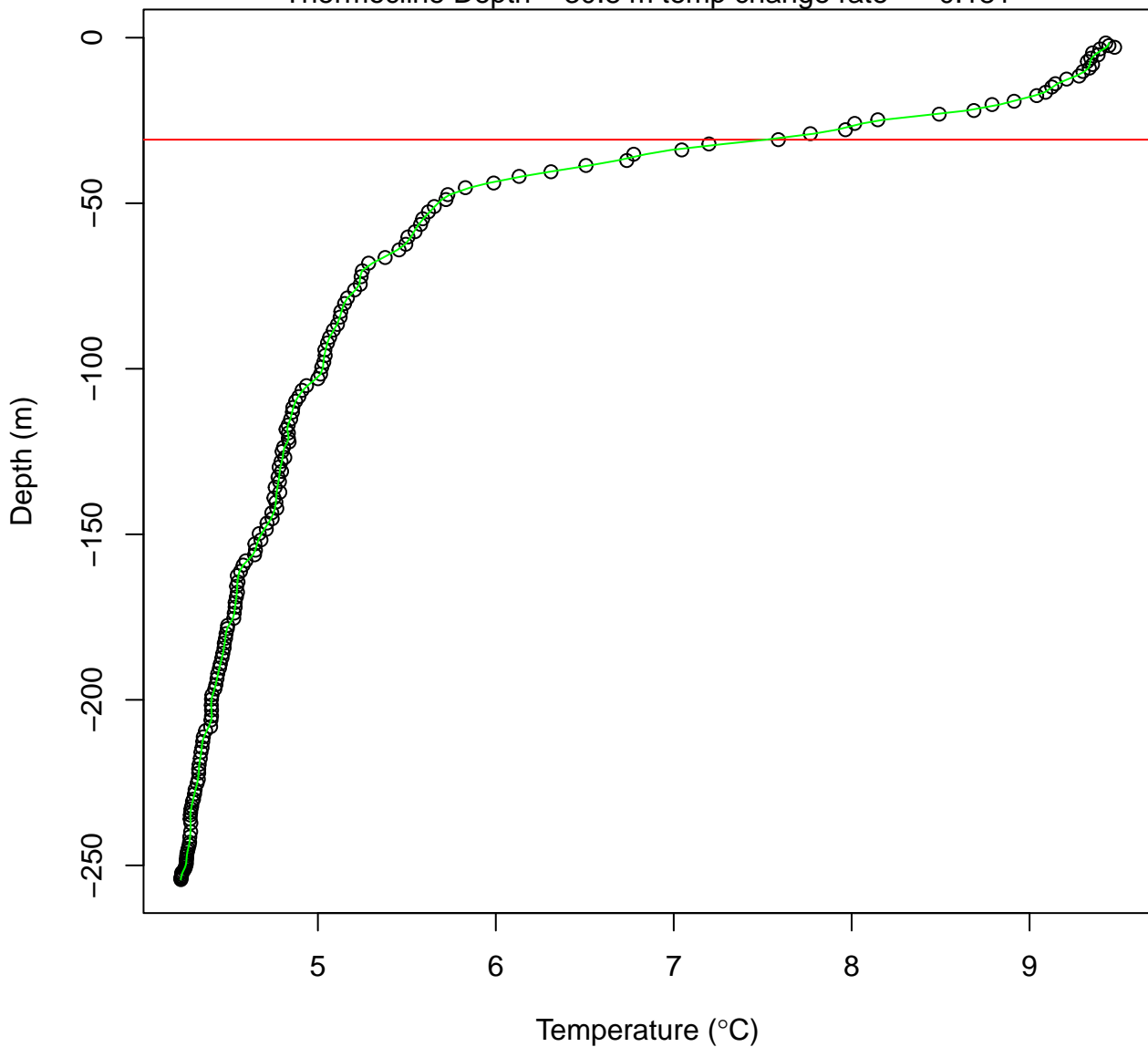
Vessel 148 Cruise 202201 Haul 205

Thermocline Depth = 26.2 m temp change rate = -0.414



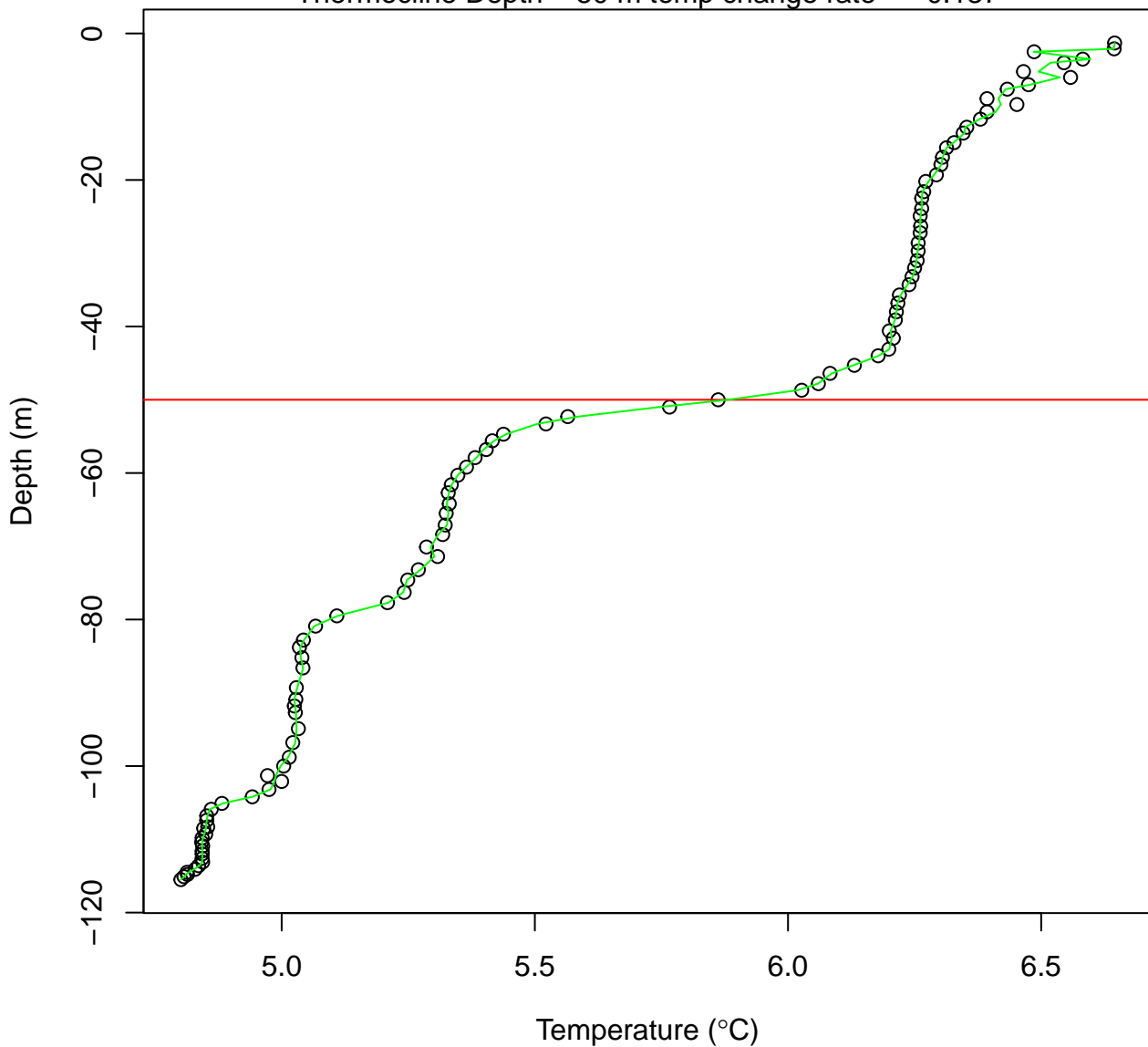
Vessel 148 Cruise 202201 Haul 206

Thermocline Depth = 30.8 m temp change rate = -0.181



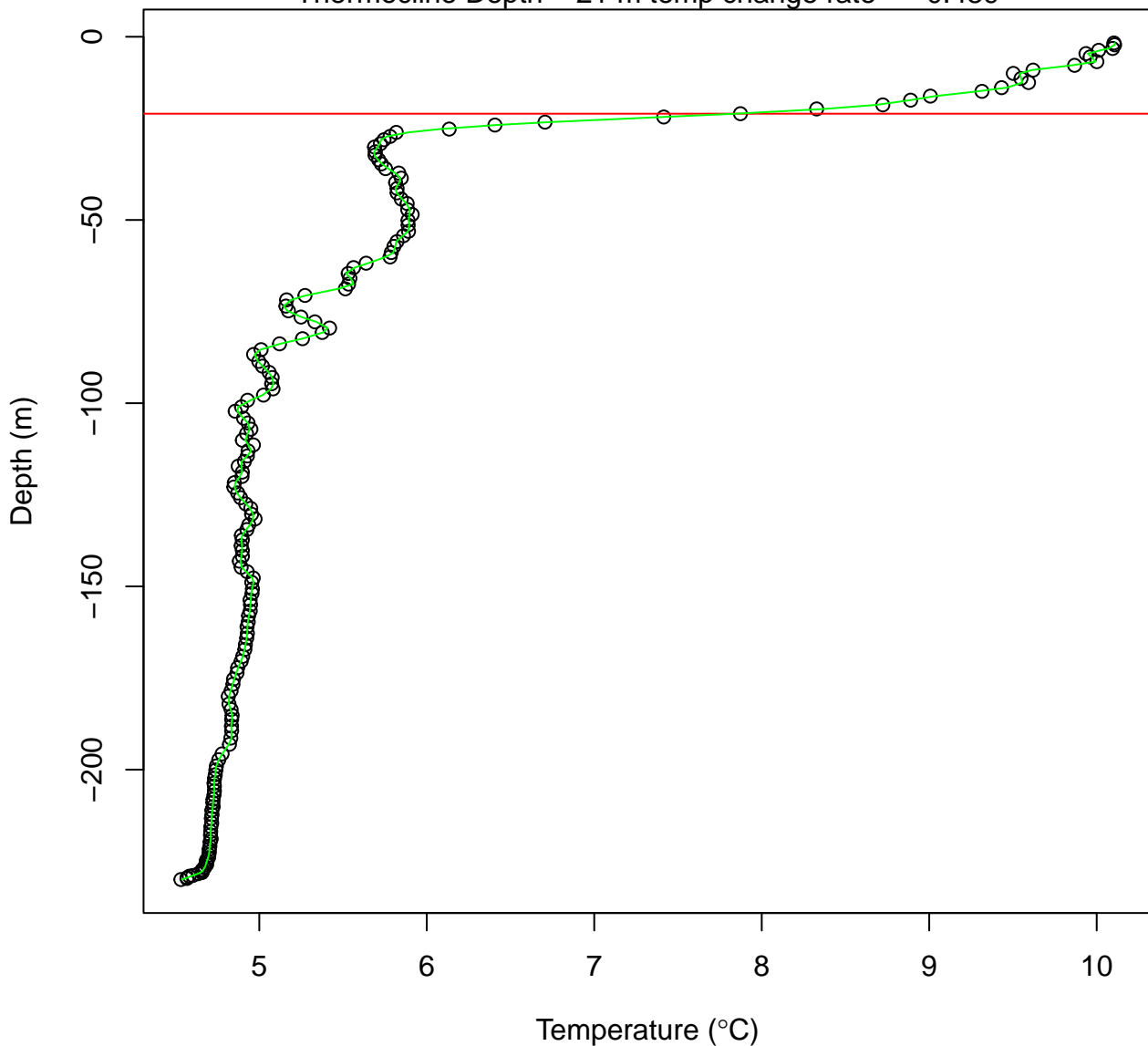
Vessel 148 Cruise 202201 Haul 207

Thermocline Depth = 50 m temp change rate = -0.137



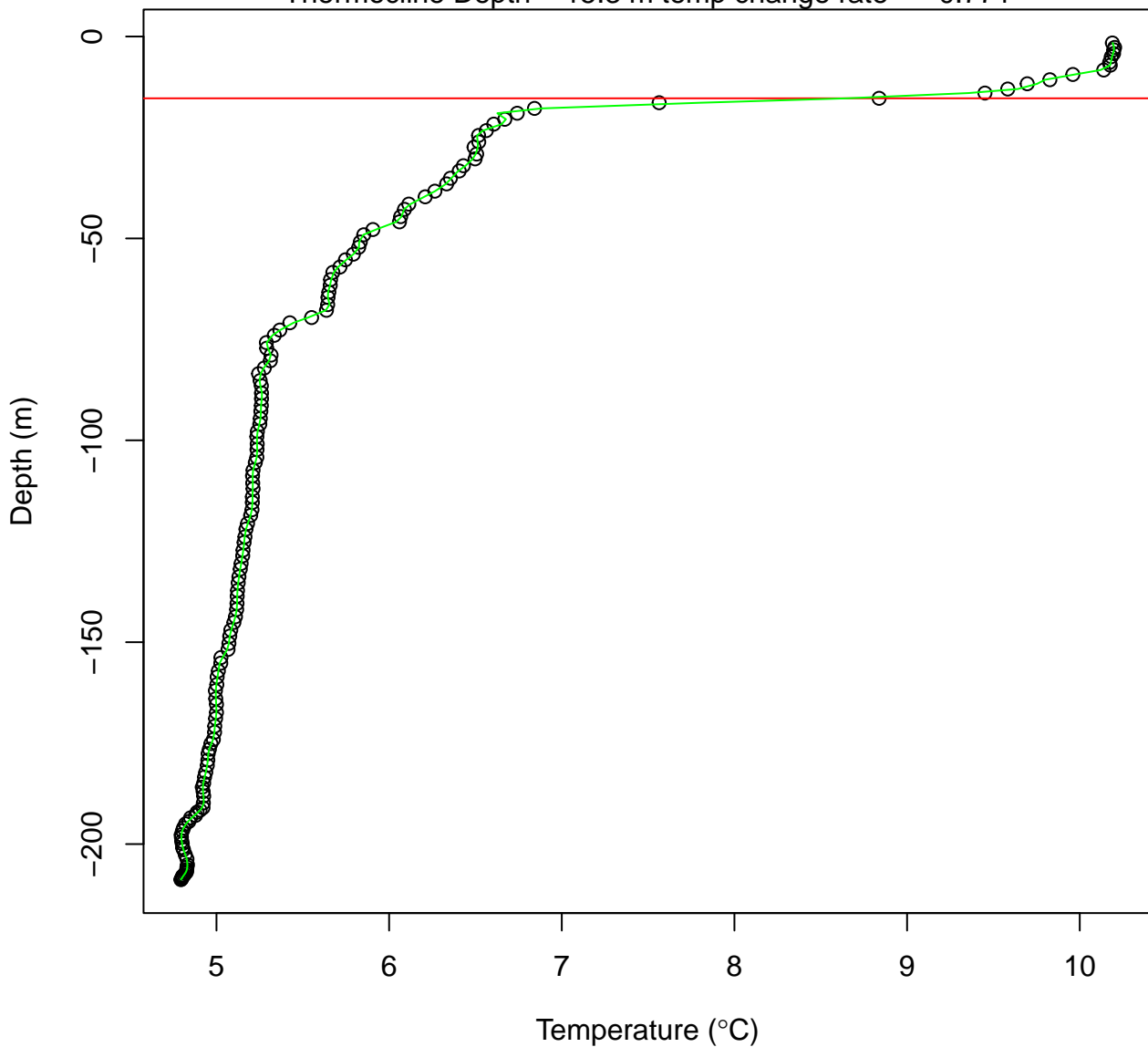
Vessel 148 Cruise 202201 Haul 208

Thermocline Depth = 21 m temp change rate = -0.489



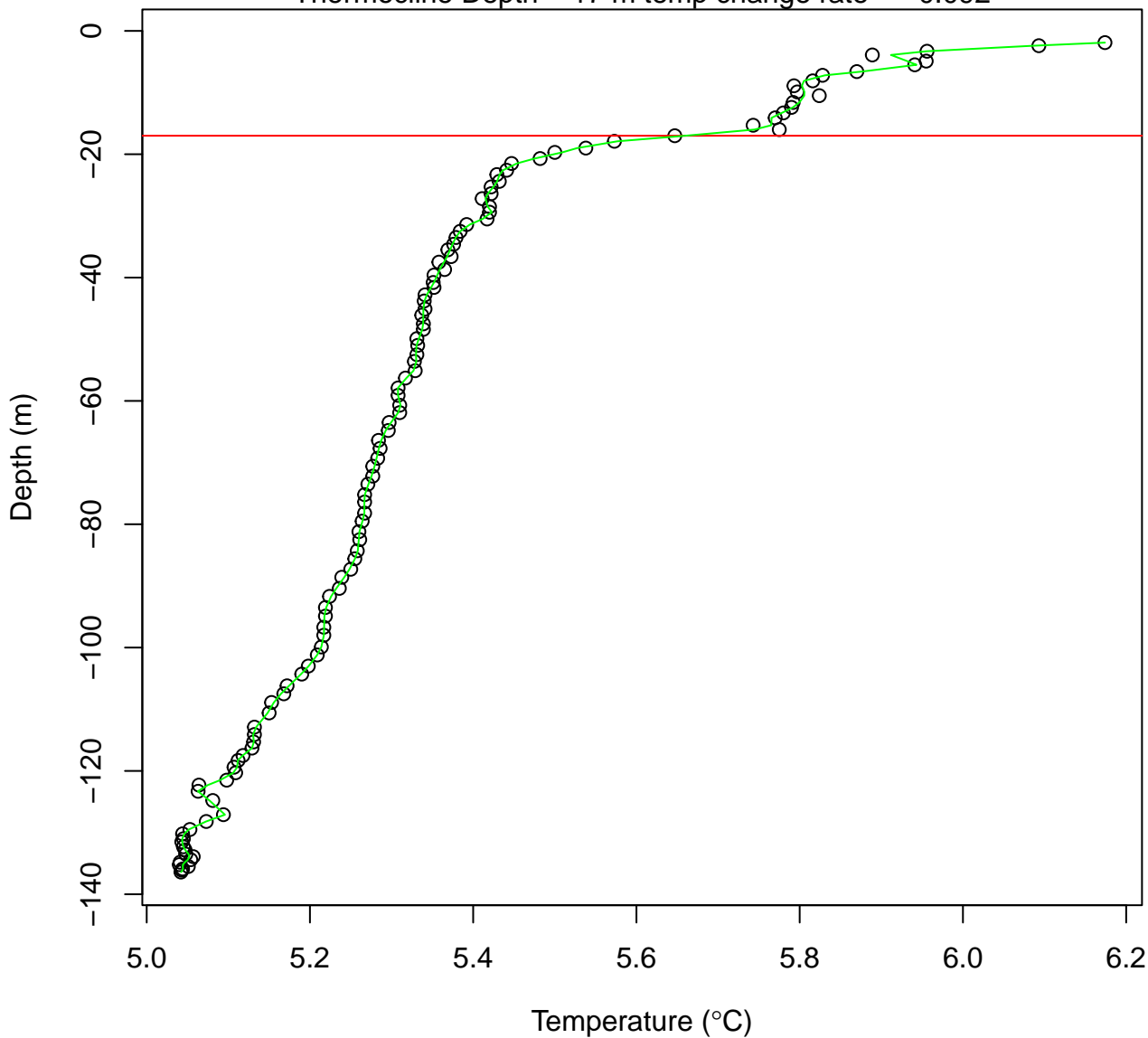
Vessel 148 Cruise 202201 Haul 209

Thermocline Depth = 15.3 m temp change rate = -0.771



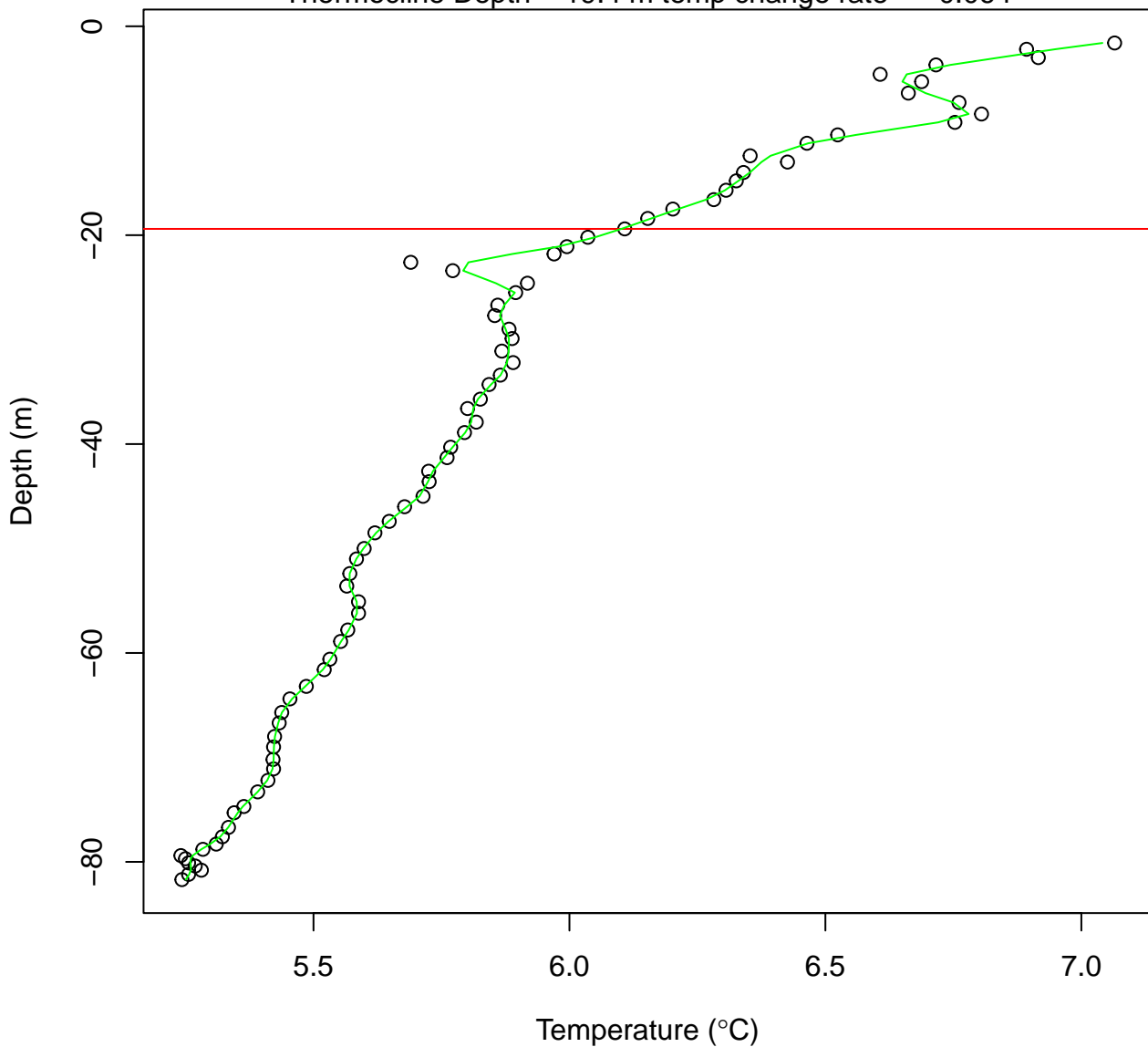
Vessel 148 Cruise 202201 Haul 210

Thermocline Depth = 17 m temp change rate = -0.092



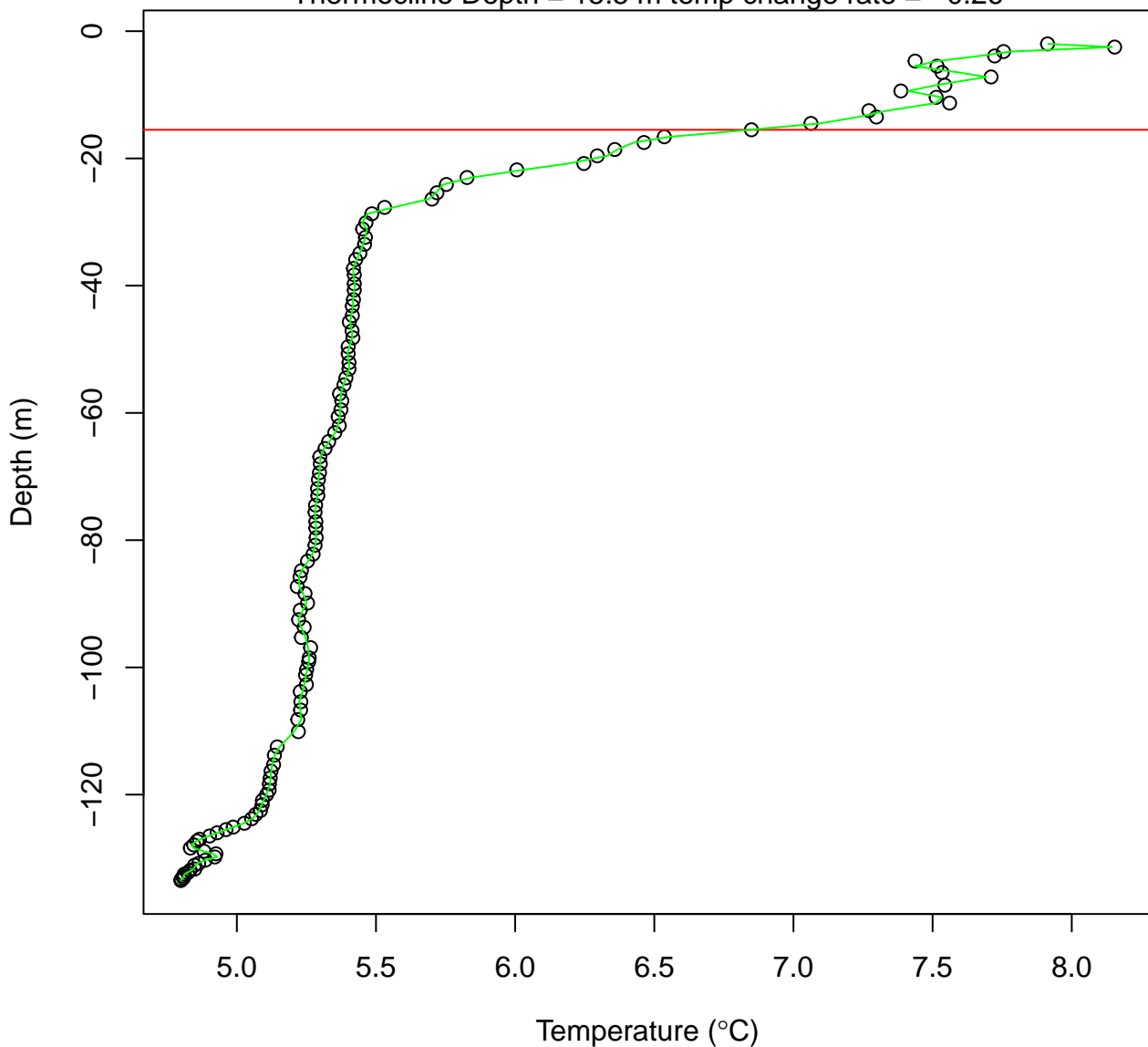
Vessel 148 Cruise 202201 Haul 211

Thermocline Depth = 19.4 m temp change rate = -0.064



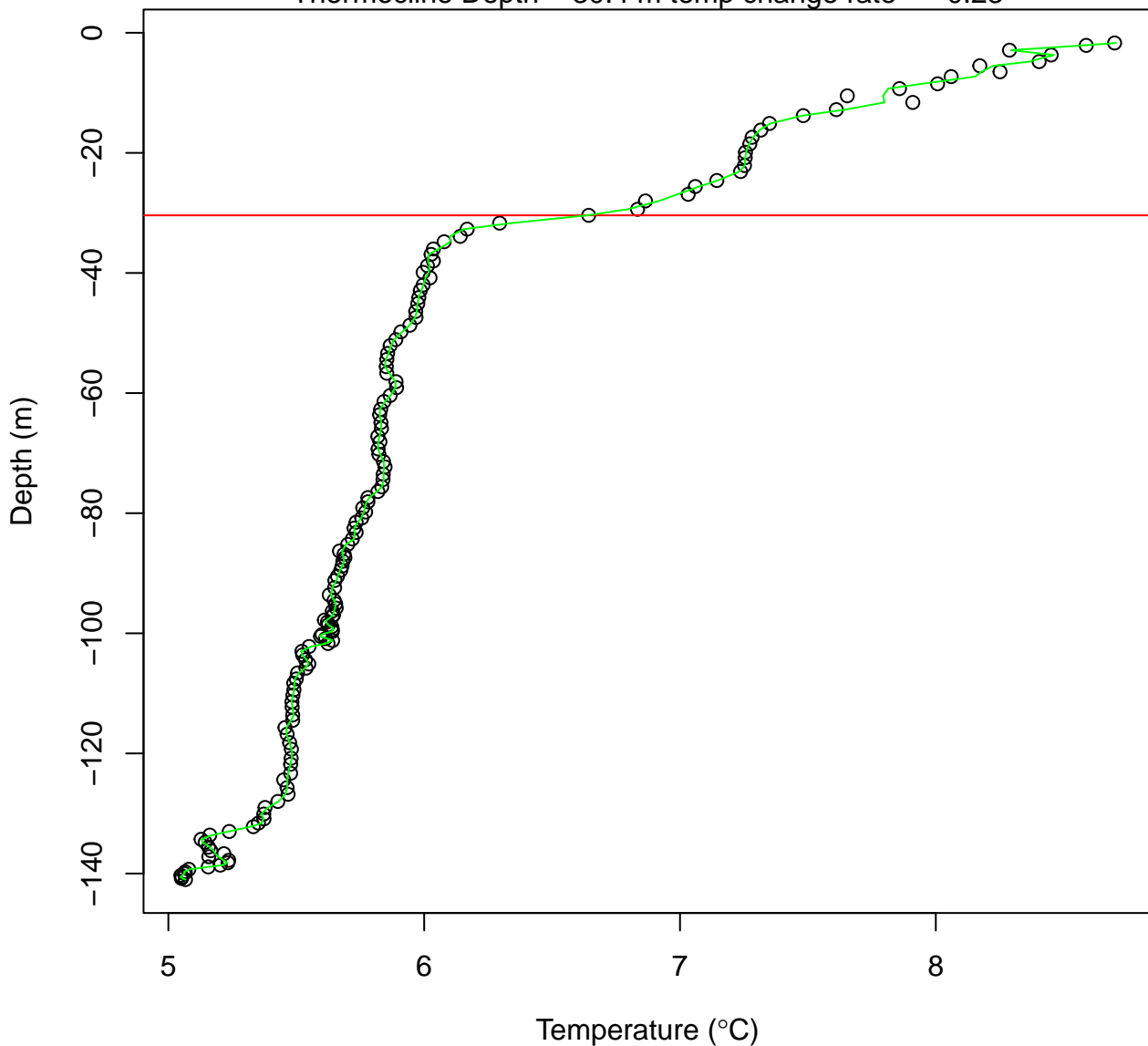
Vessel 148 Cruise 202201 Haul 212

Thermocline Depth = 15.5 m temp change rate = -0.26



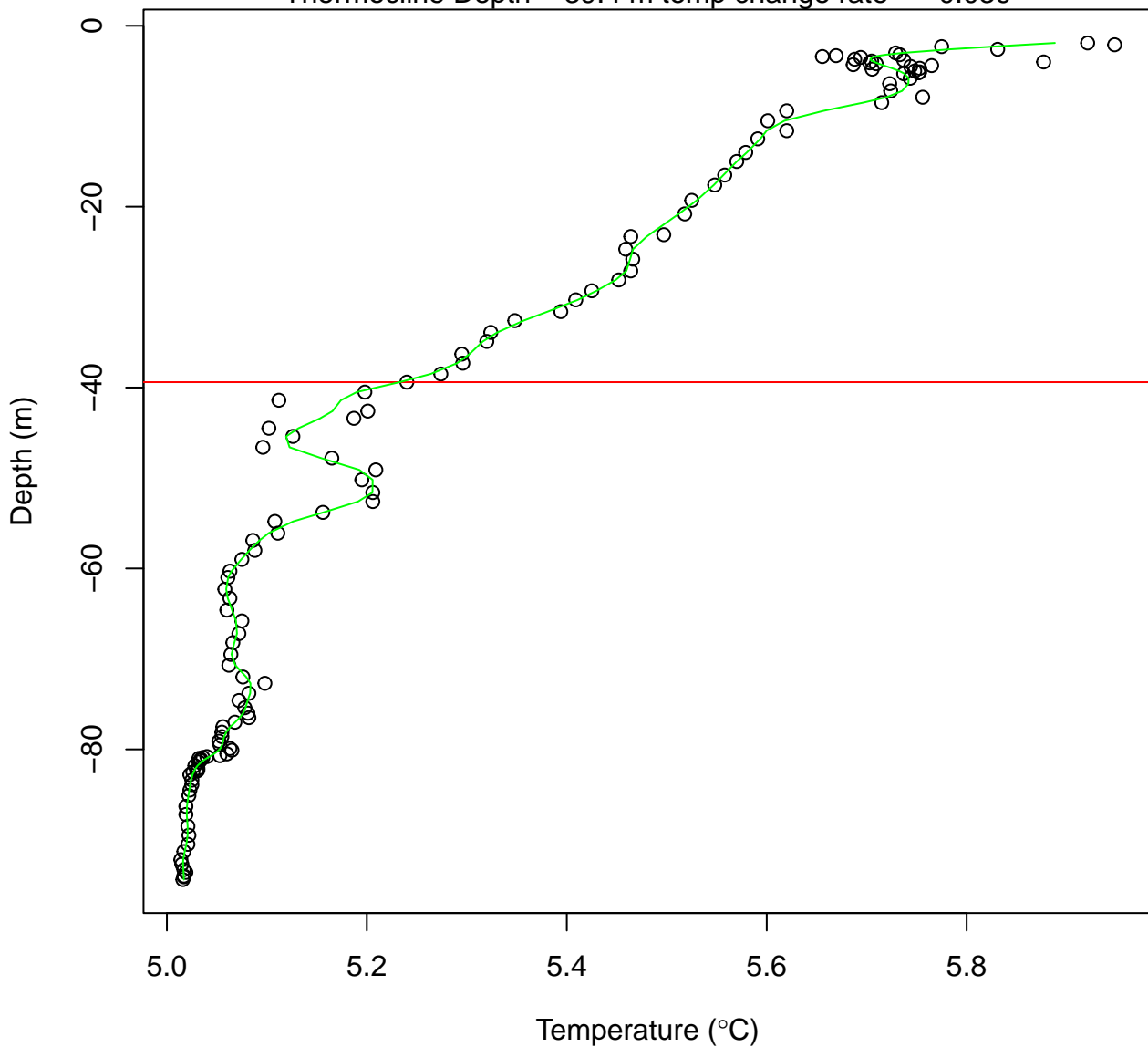
Vessel 148 Cruise 202201 Haul 213

Thermocline Depth = 30.4 m temp change rate = -0.23



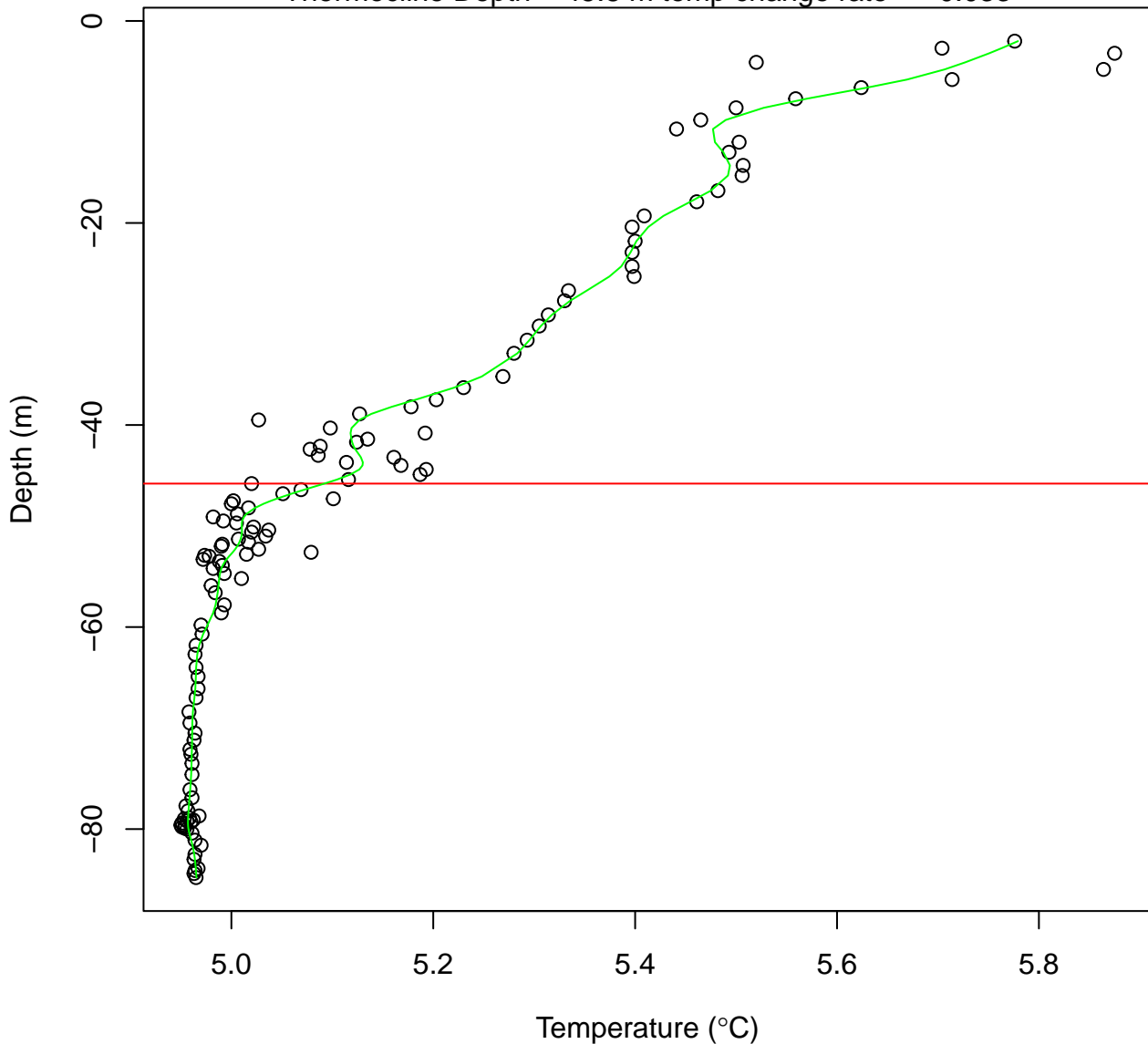
Vessel 148 Cruise 202201 Haul 214

Thermocline Depth = 39.4 m temp change rate = -0.039



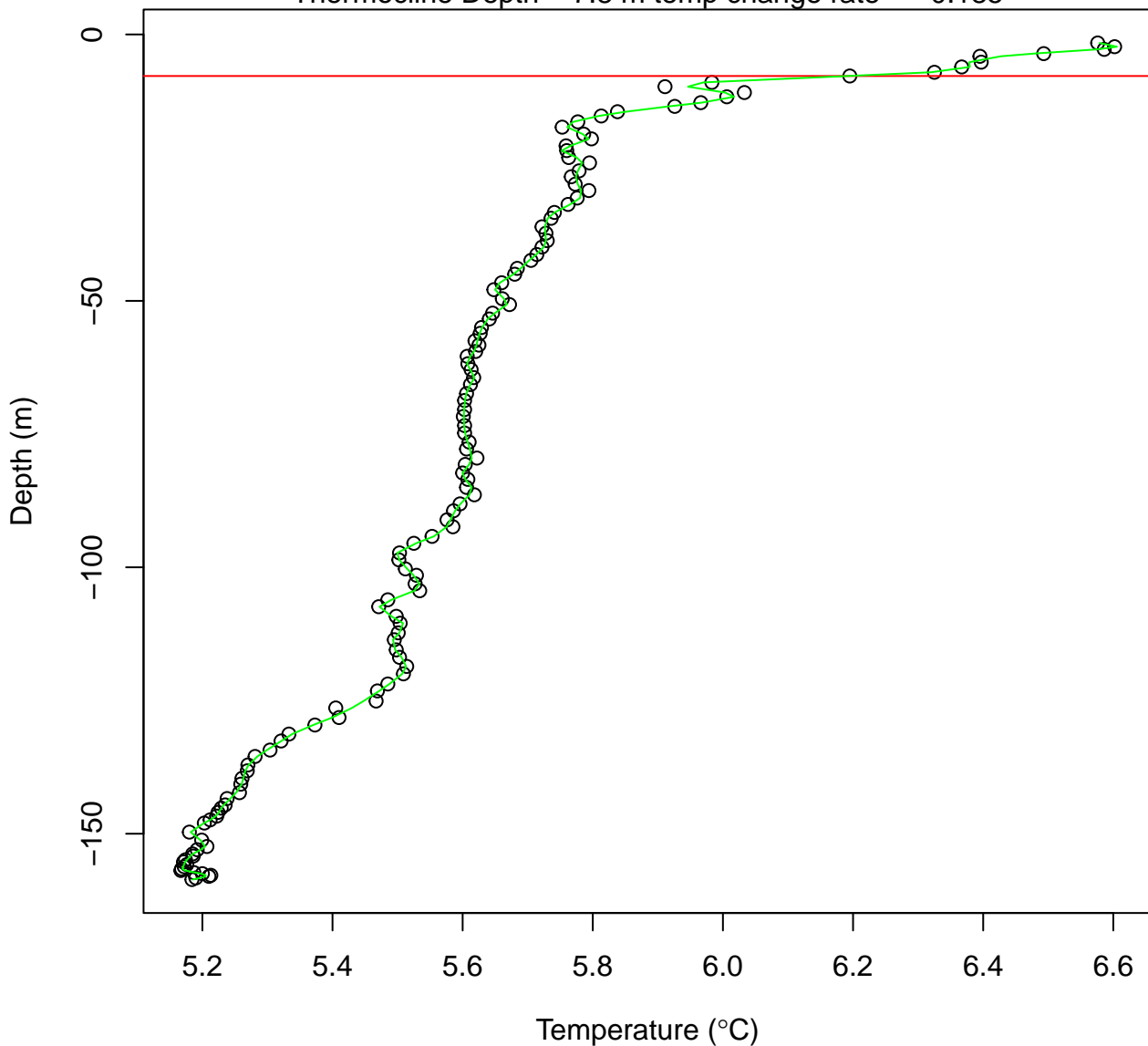
Vessel 148 Cruise 202201 Haul 215

Thermocline Depth = 45.8 m temp change rate = -0.033



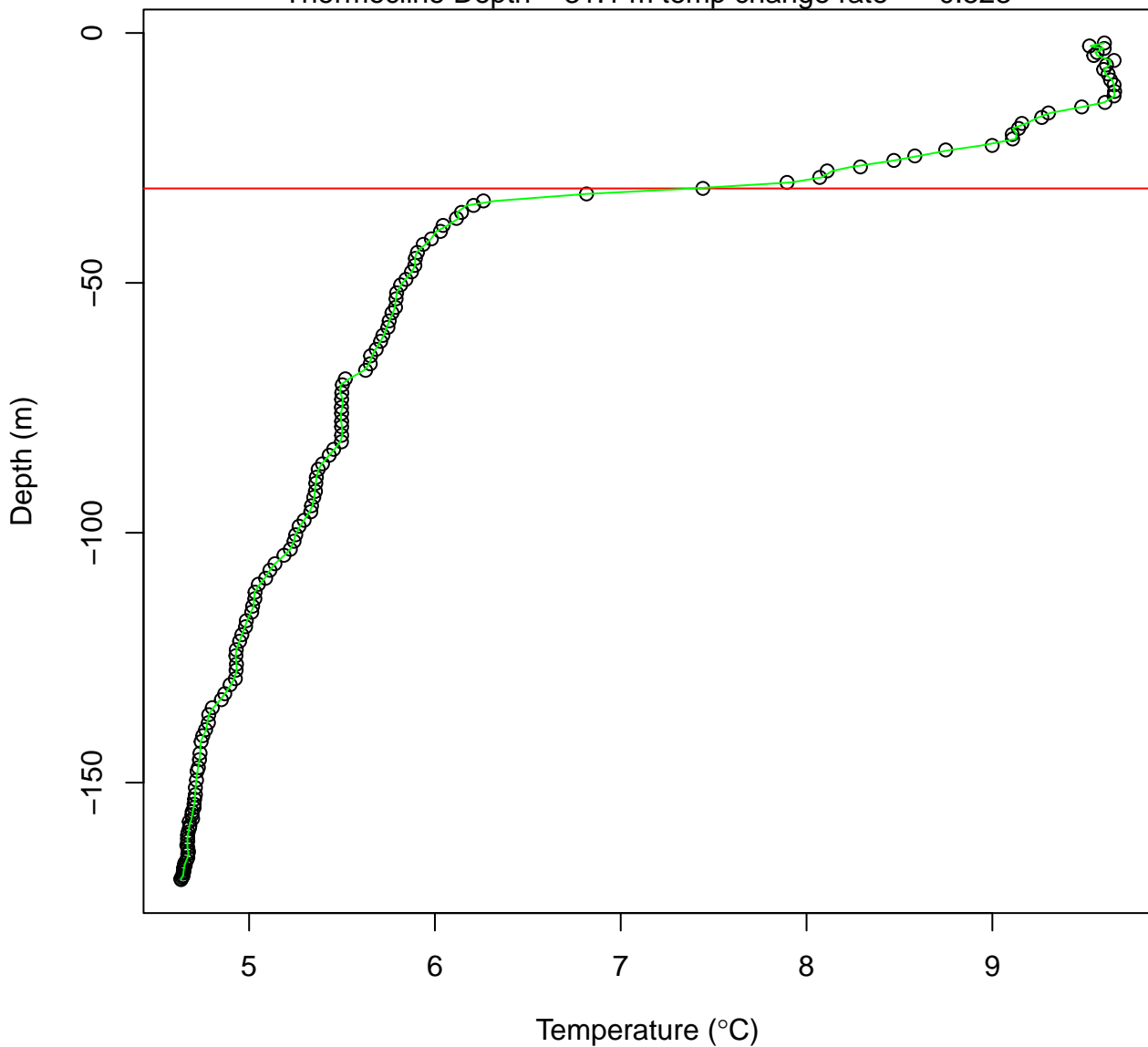
Vessel 148 Cruise 202201 Haul 216

Thermocline Depth = 7.8 m temp change rate = -0.185



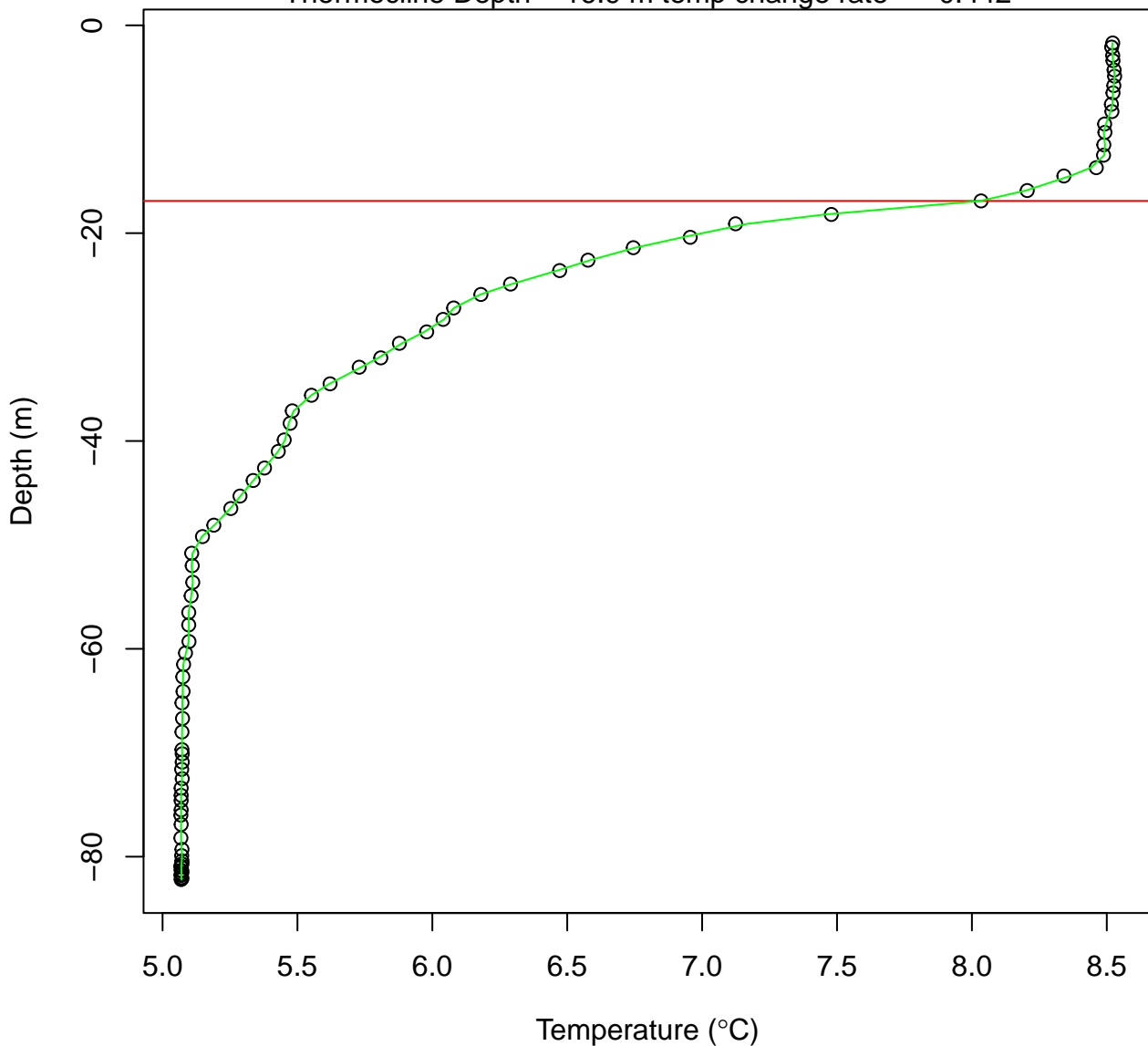
Vessel 148 Cruise 202201 Haul 217

Thermocline Depth = 31.1 m temp change rate = -0.523



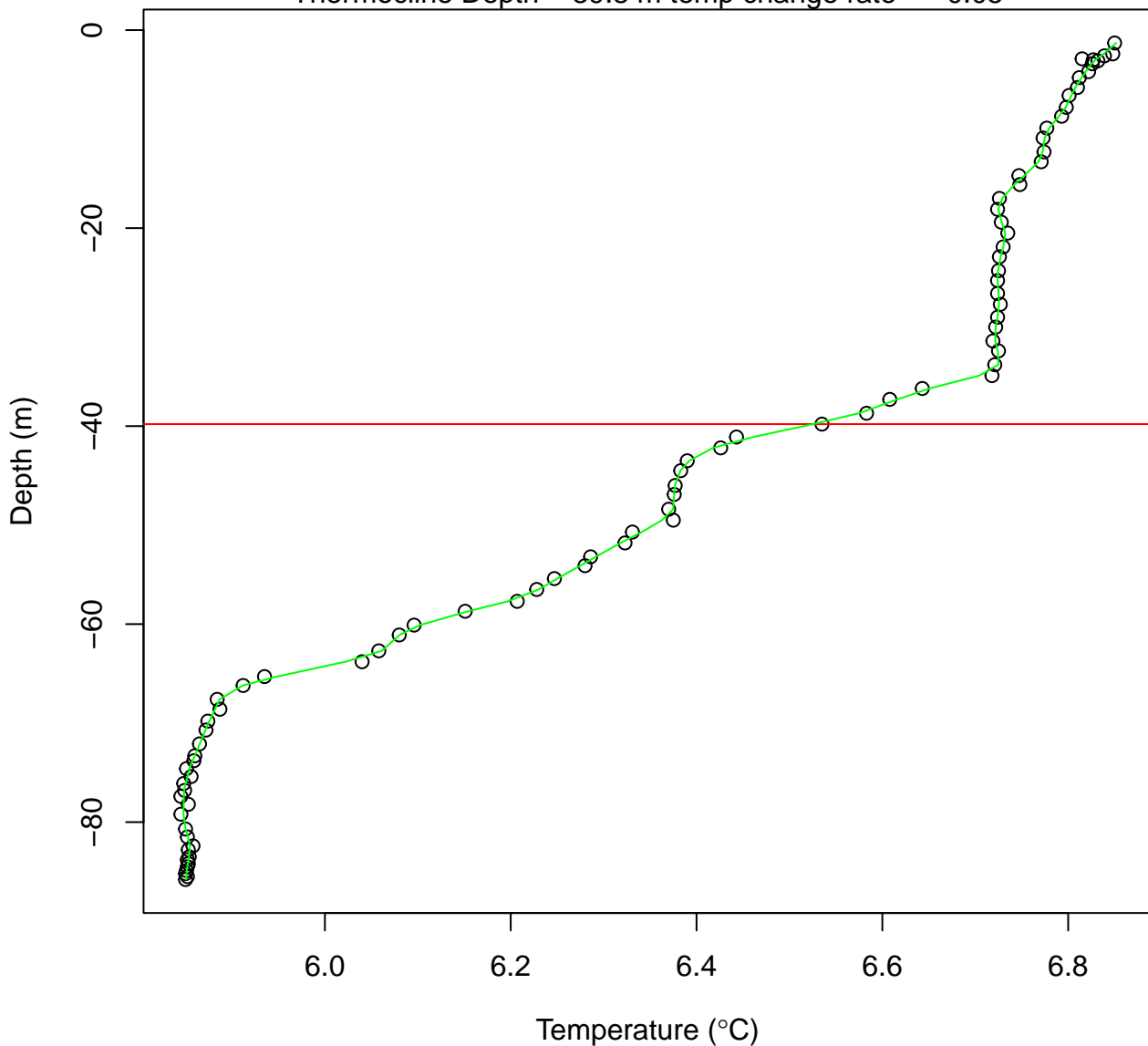
Vessel 148 Cruise 202201 Haul 218

Thermocline Depth = 16.9 m temp change rate = -0.442



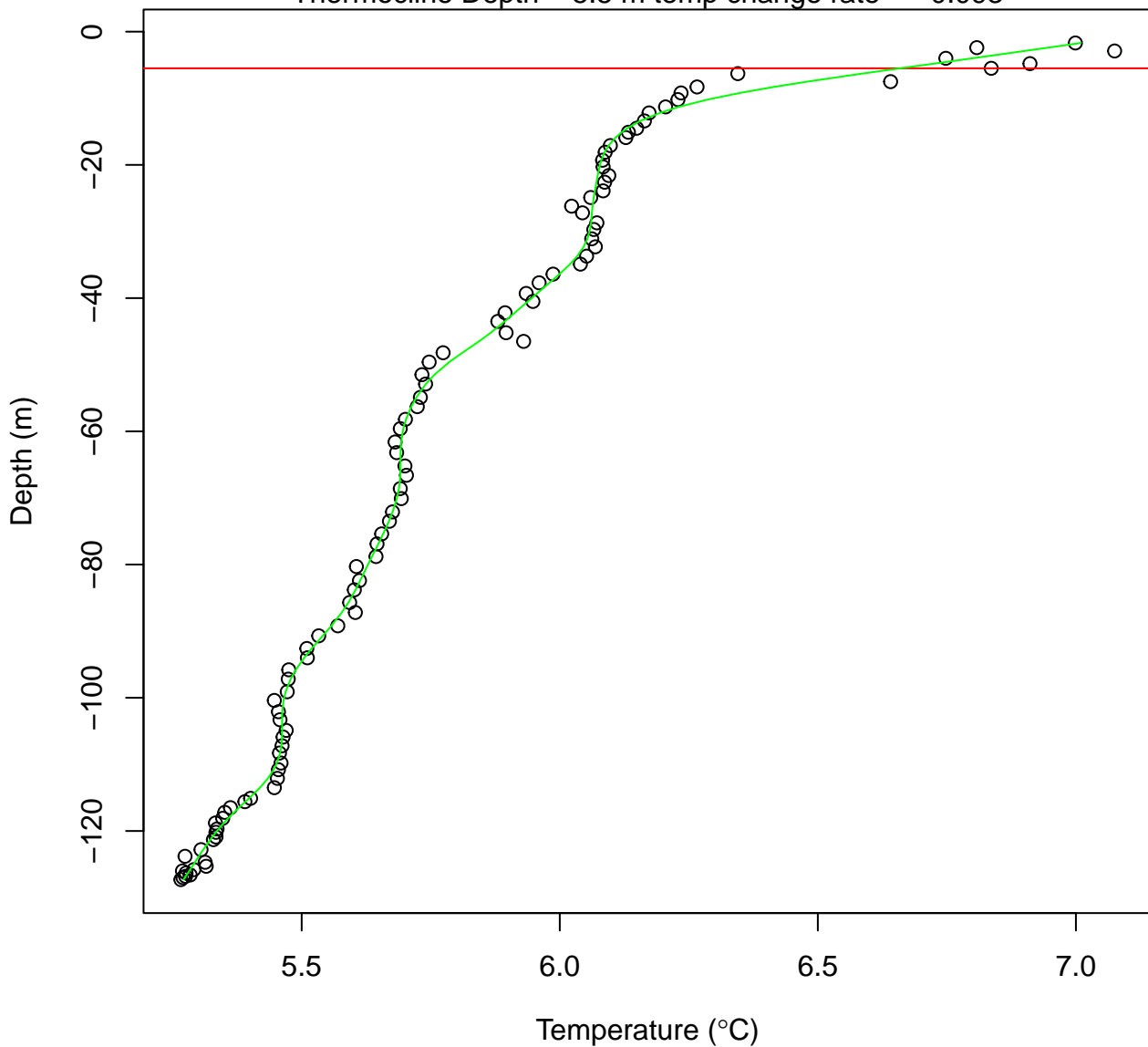
Vessel 148 Cruise 202201 Haul 219

Thermocline Depth = 39.8 m temp change rate = -0.05



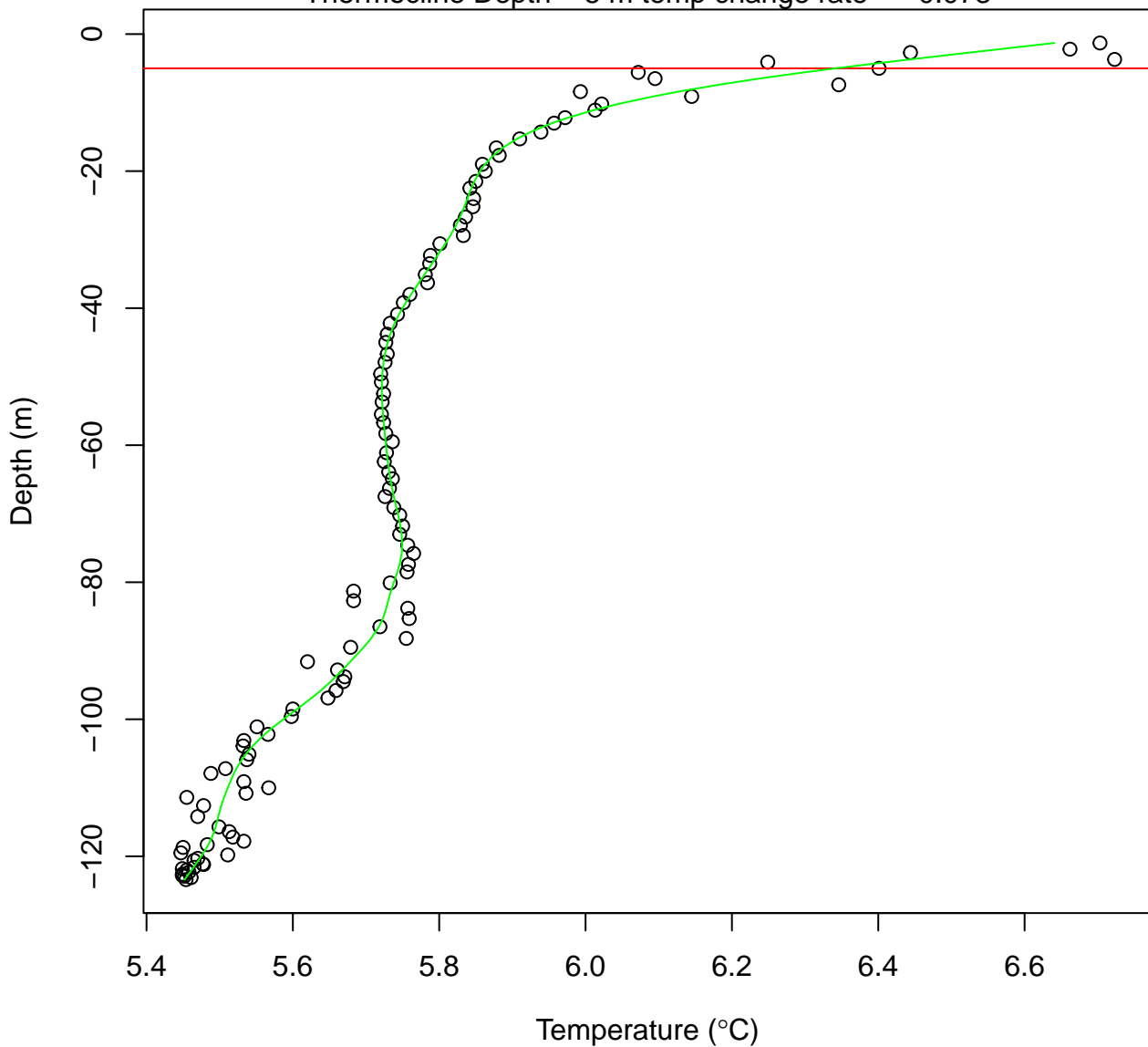
Vessel 148 Cruise 202201 Haul 220

Thermocline Depth = 5.5 m temp change rate = -0.093



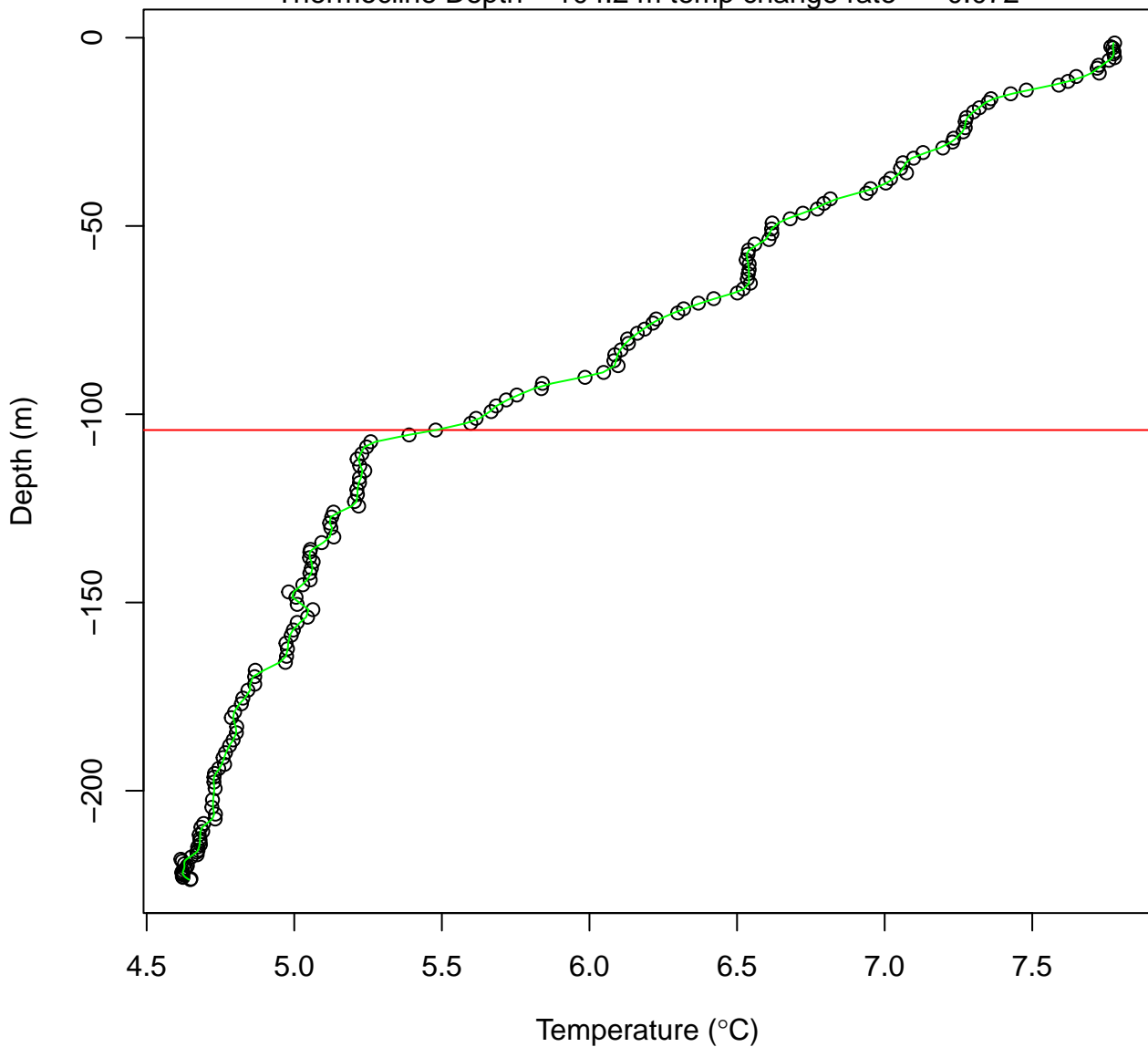
Vessel 148 Cruise 202201 Haul 221

Thermocline Depth = 5 m temp change rate = -0.073



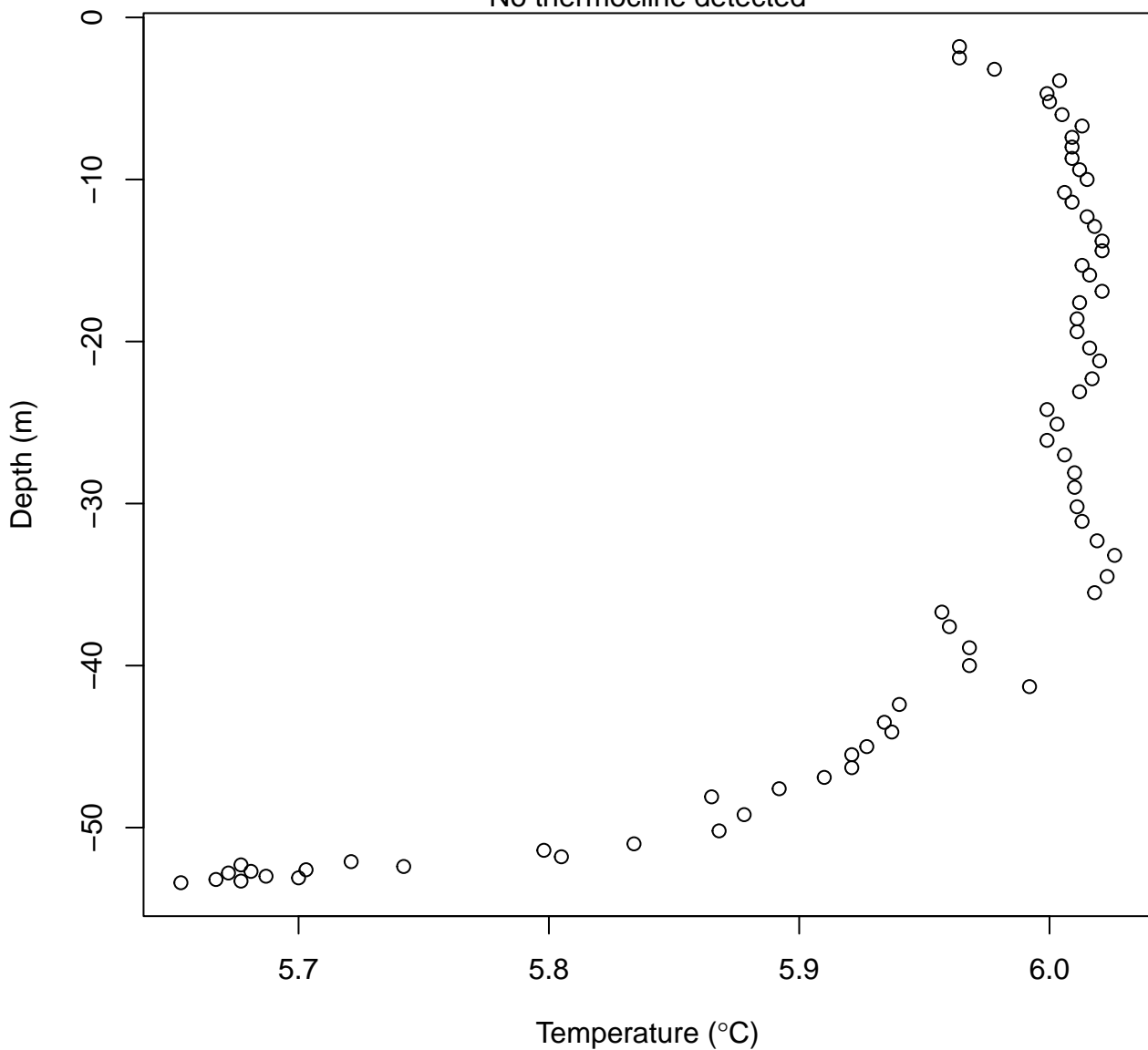
Vessel 148 Cruise 202201 Haul 222

Thermocline Depth = 104.2 m temp change rate = -0.072



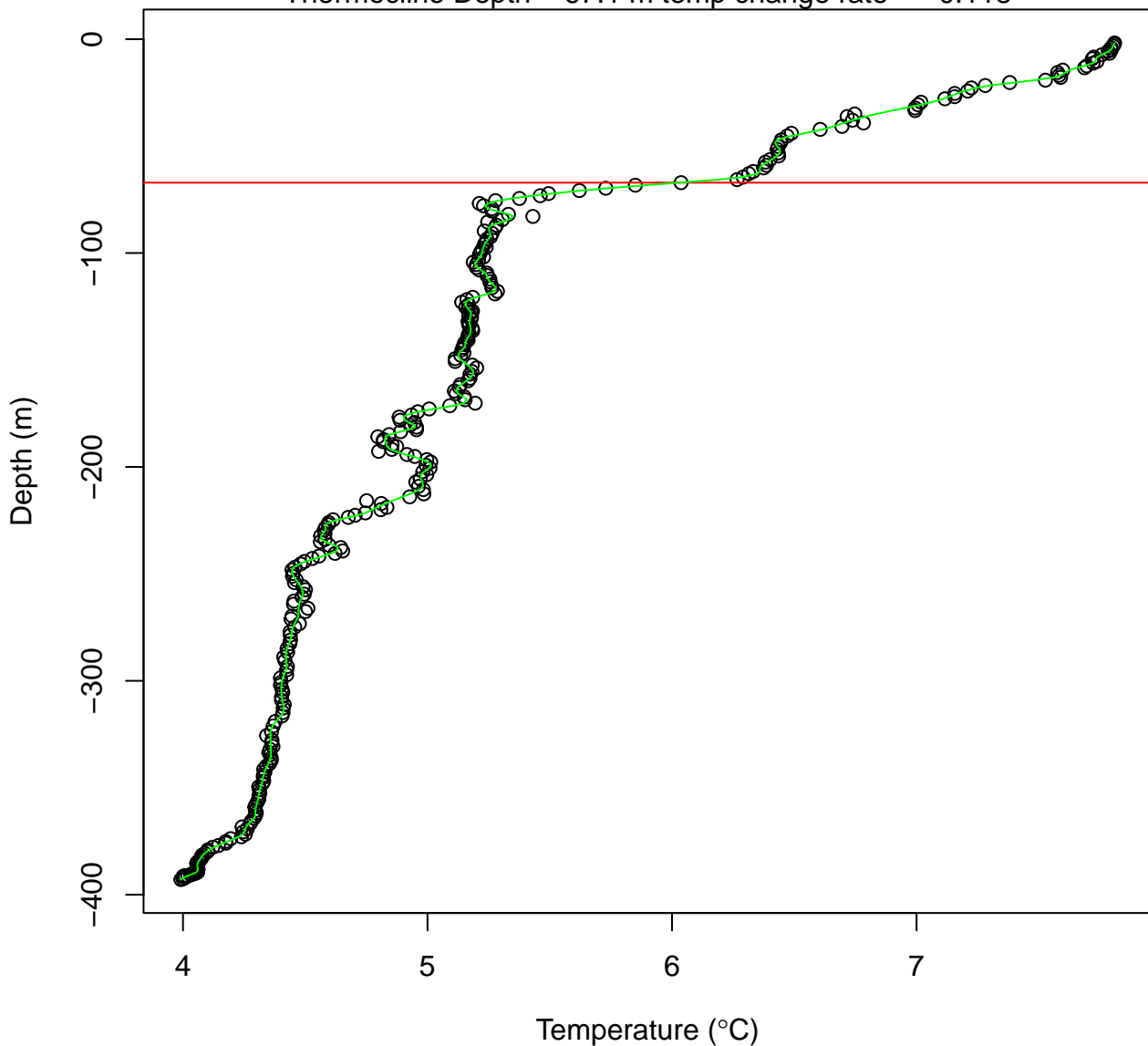
Vessel 148 Cruise 202201 Haul 223

No thermocline detected



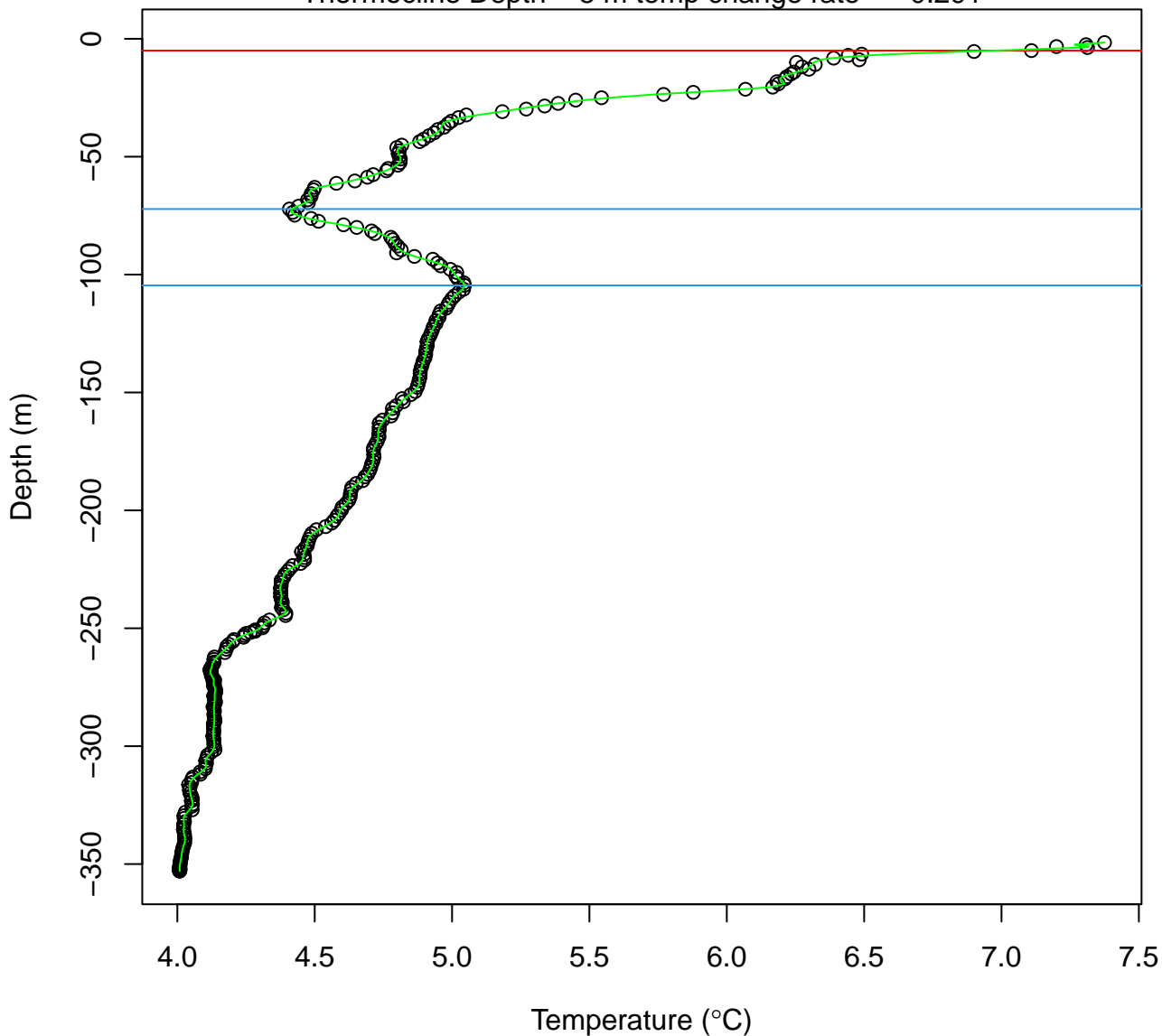
Vessel 148 Cruise 202201 Haul 224

Thermocline Depth = 67.1 m temp change rate = -0.118



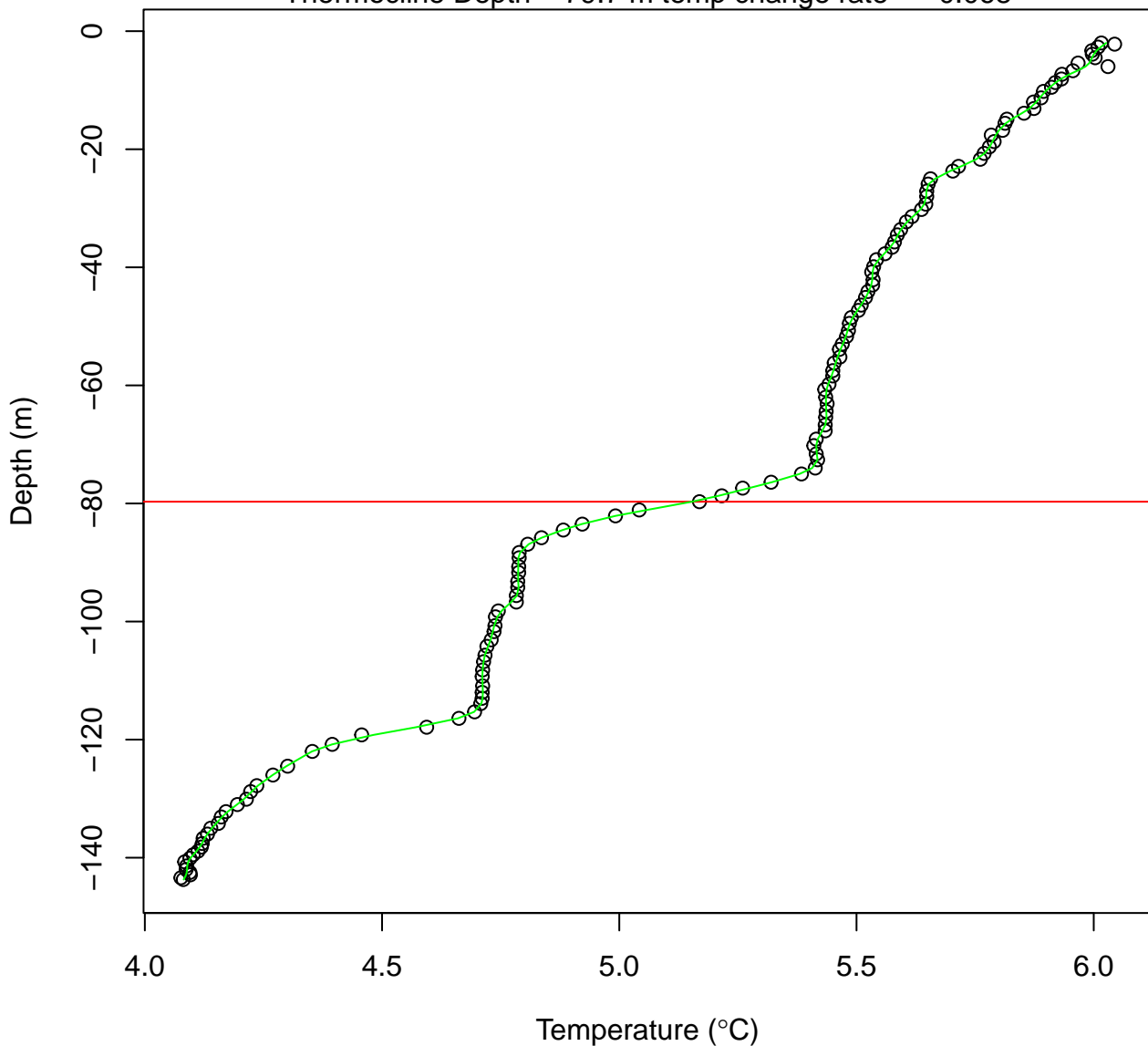
Vessel 148 Cruise 202201 Haul 225

Thermocline Depth = 5 m temp change rate = -0.291



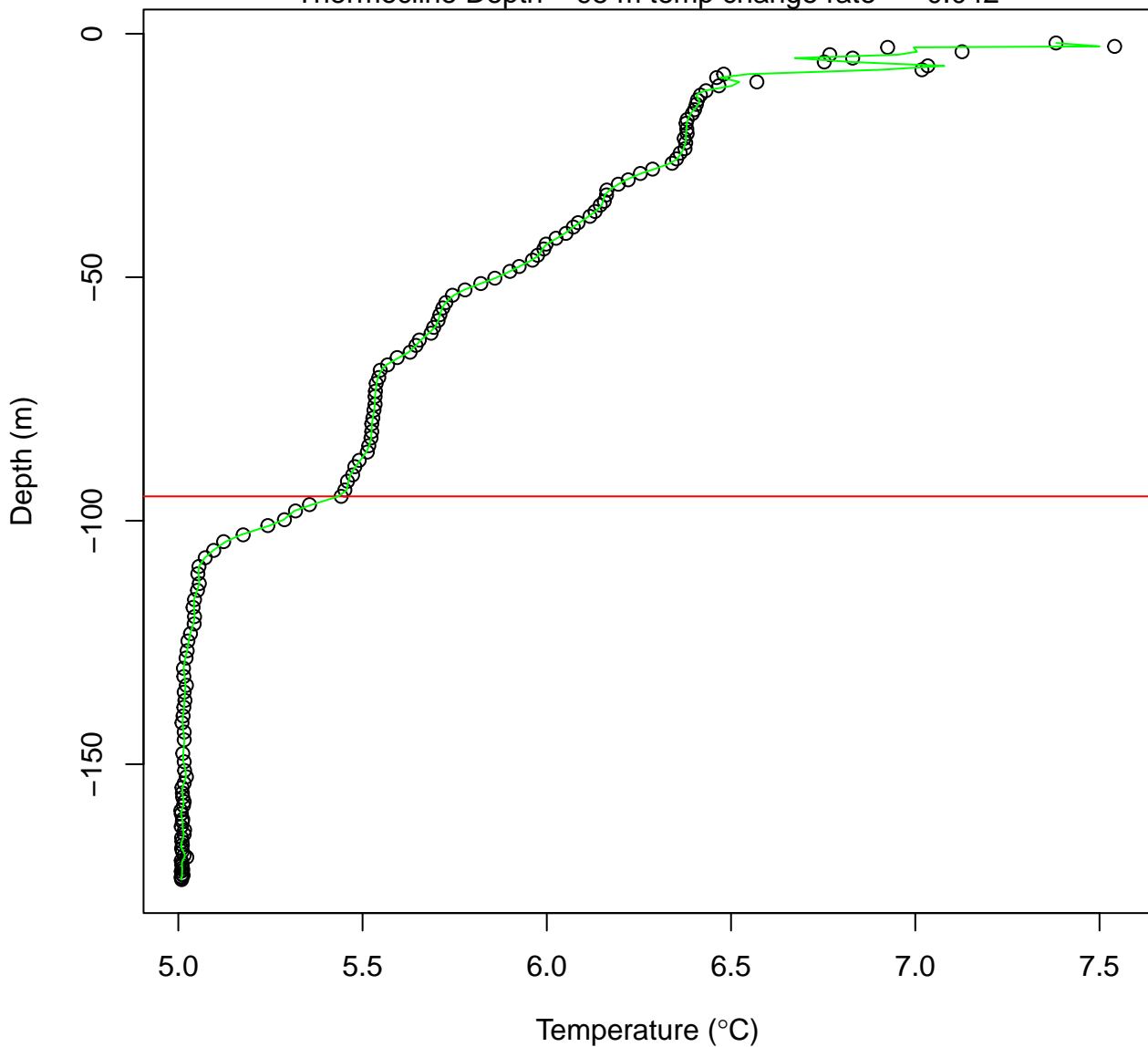
Vessel 148 Cruise 202201 Haul 226

Thermocline Depth = 79.7 m temp change rate = -0.068



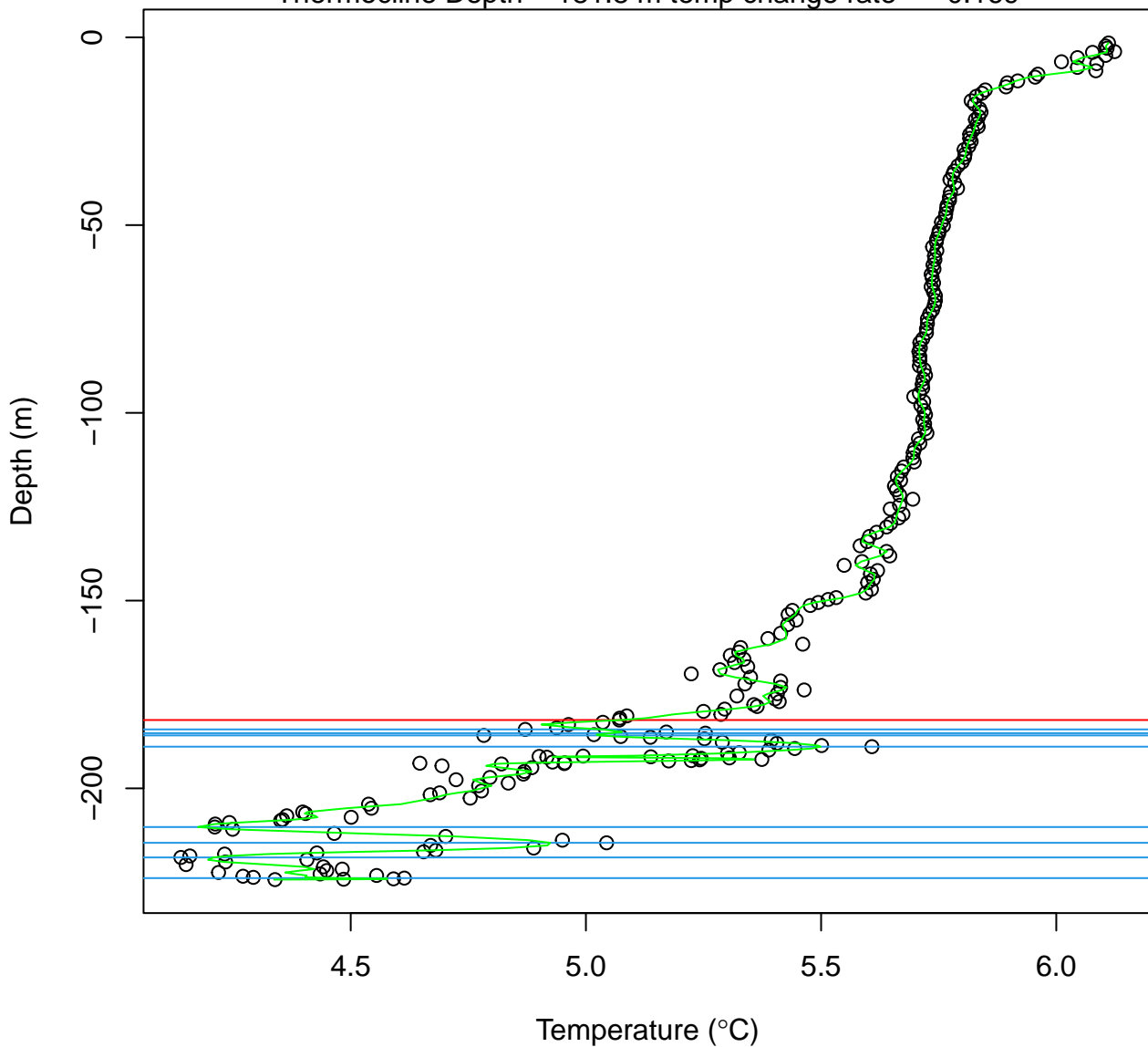
Vessel 148 Cruise 202201 Haul 227

Thermocline Depth = 95 m temp change rate = -0.042



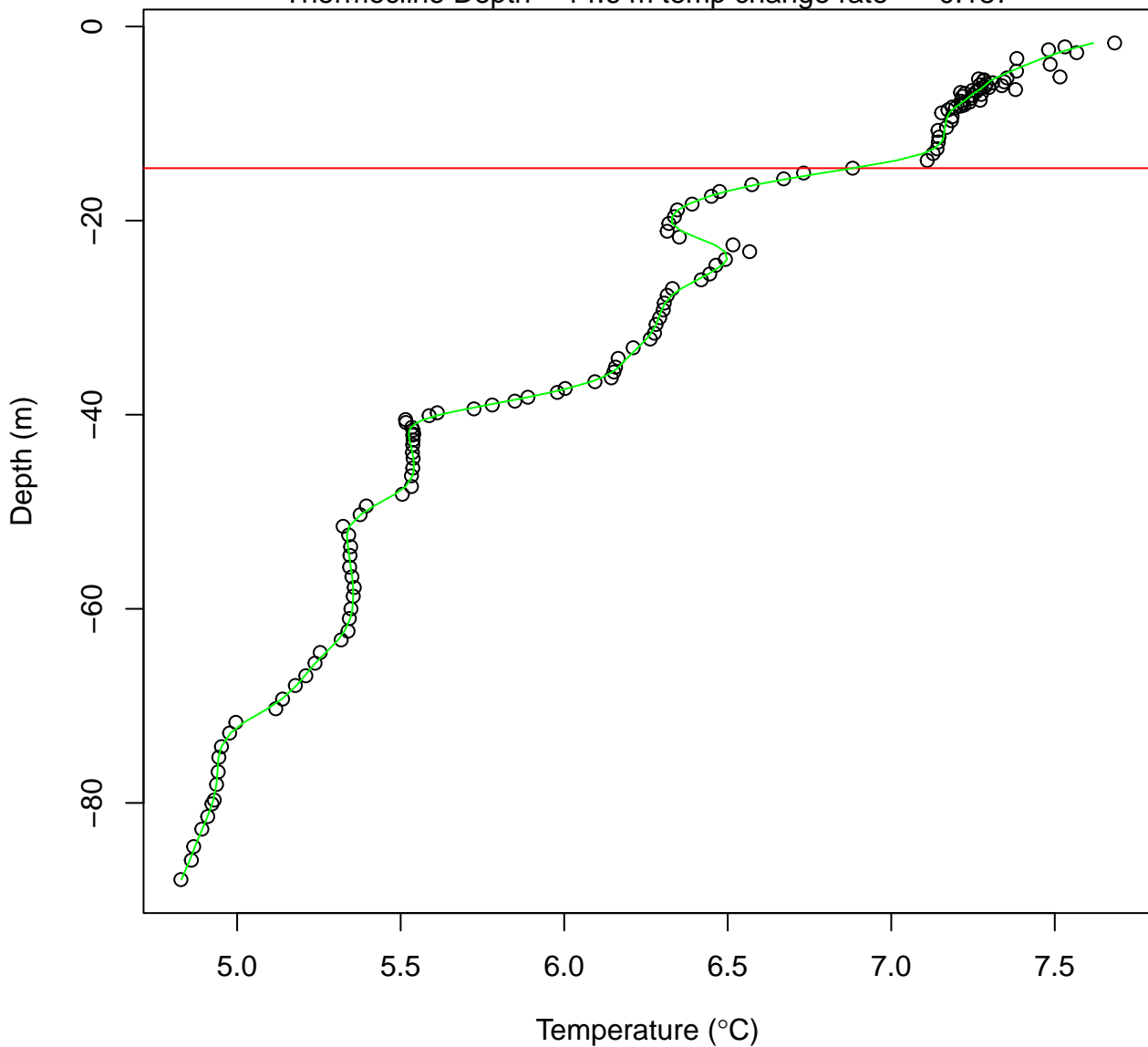
Vessel 148 Cruise 202201 Haul 228

Thermocline Depth = 181.8 m temp change rate = -0.169



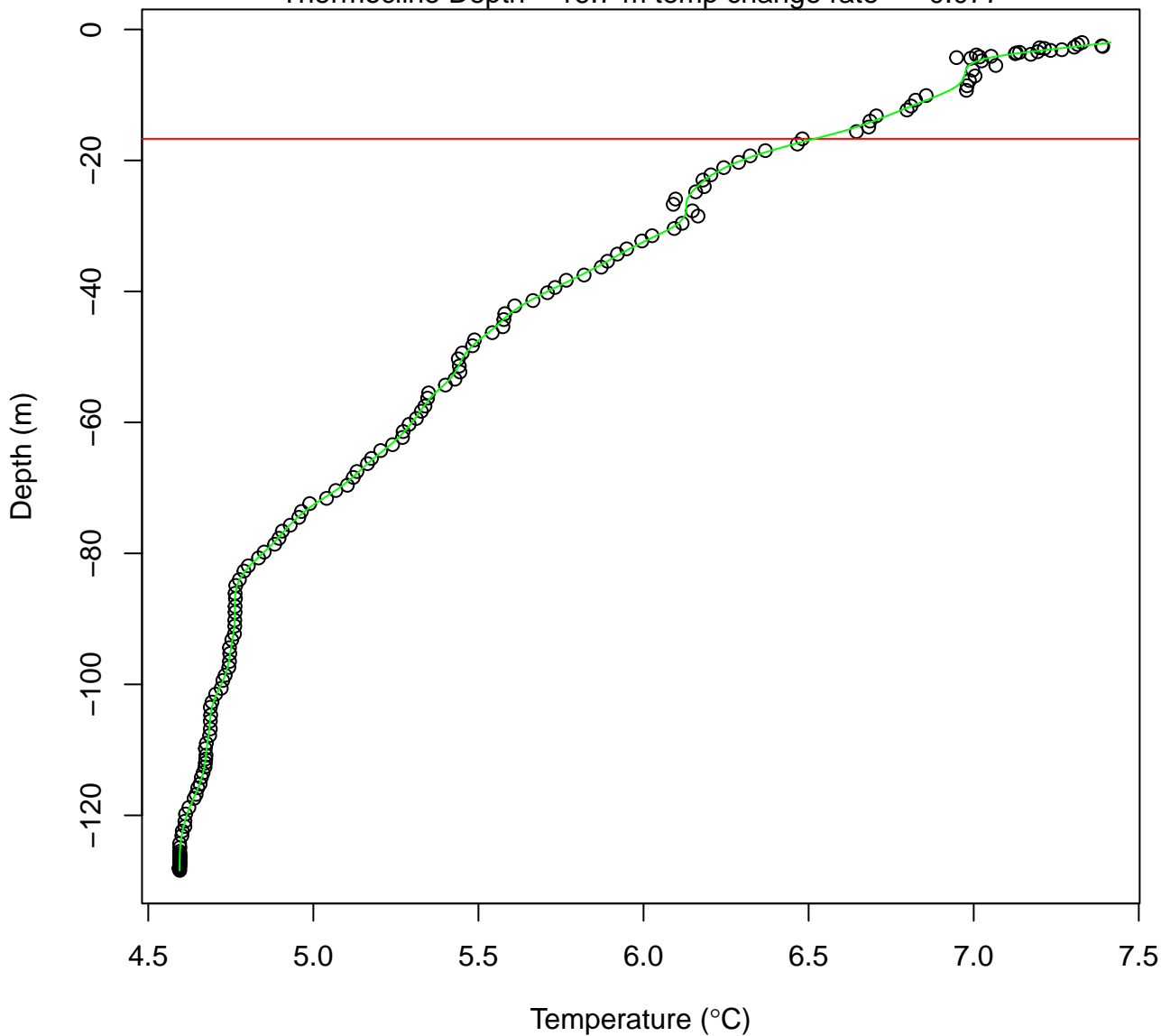
Vessel 176 Cruise 202201 Haul 1

Thermocline Depth = 14.6 m temp change rate = -0.187



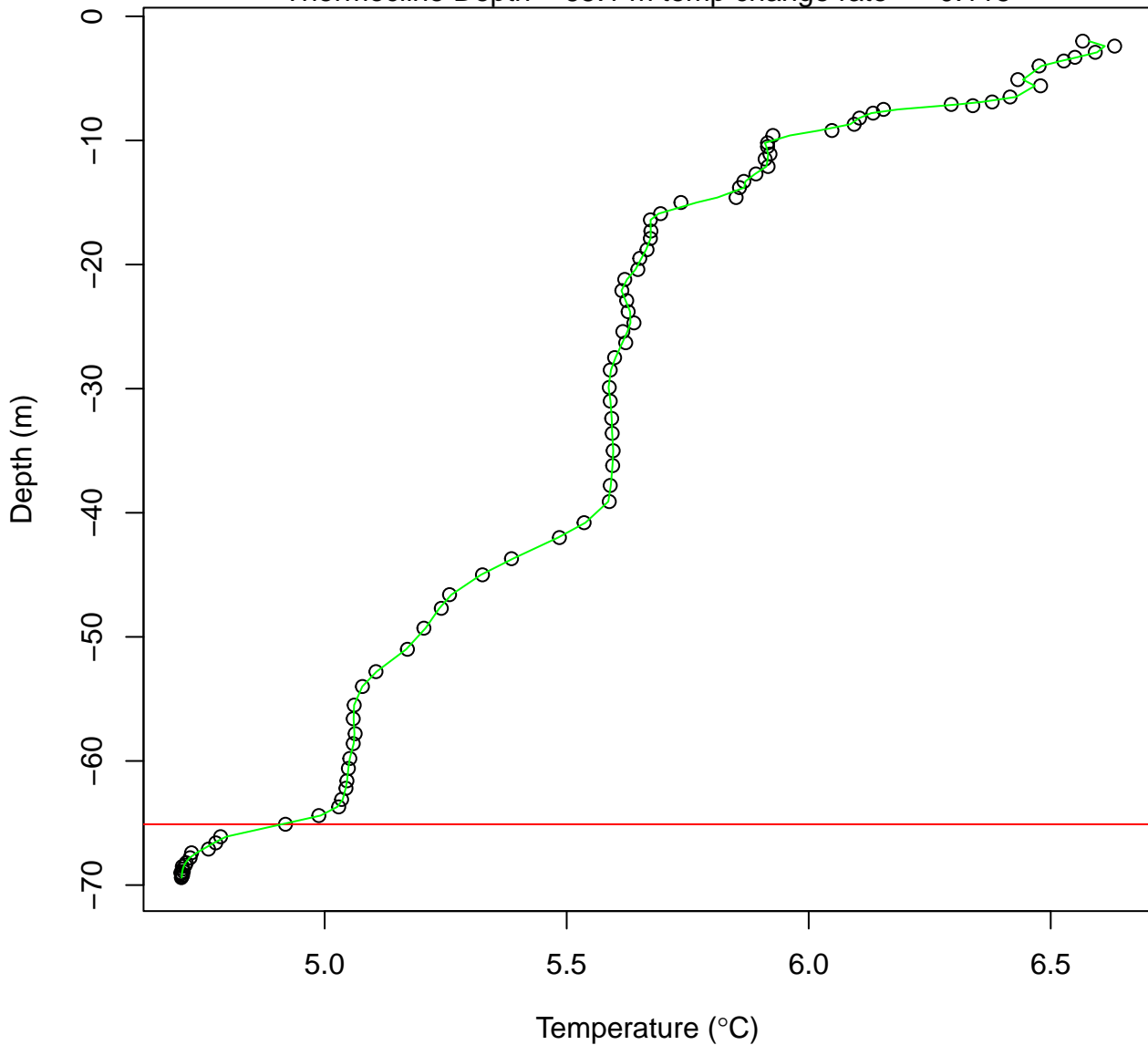
Vessel 176 Cruise 202201 Haul 2

Thermocline Depth = 16.7 m temp change rate = -0.077



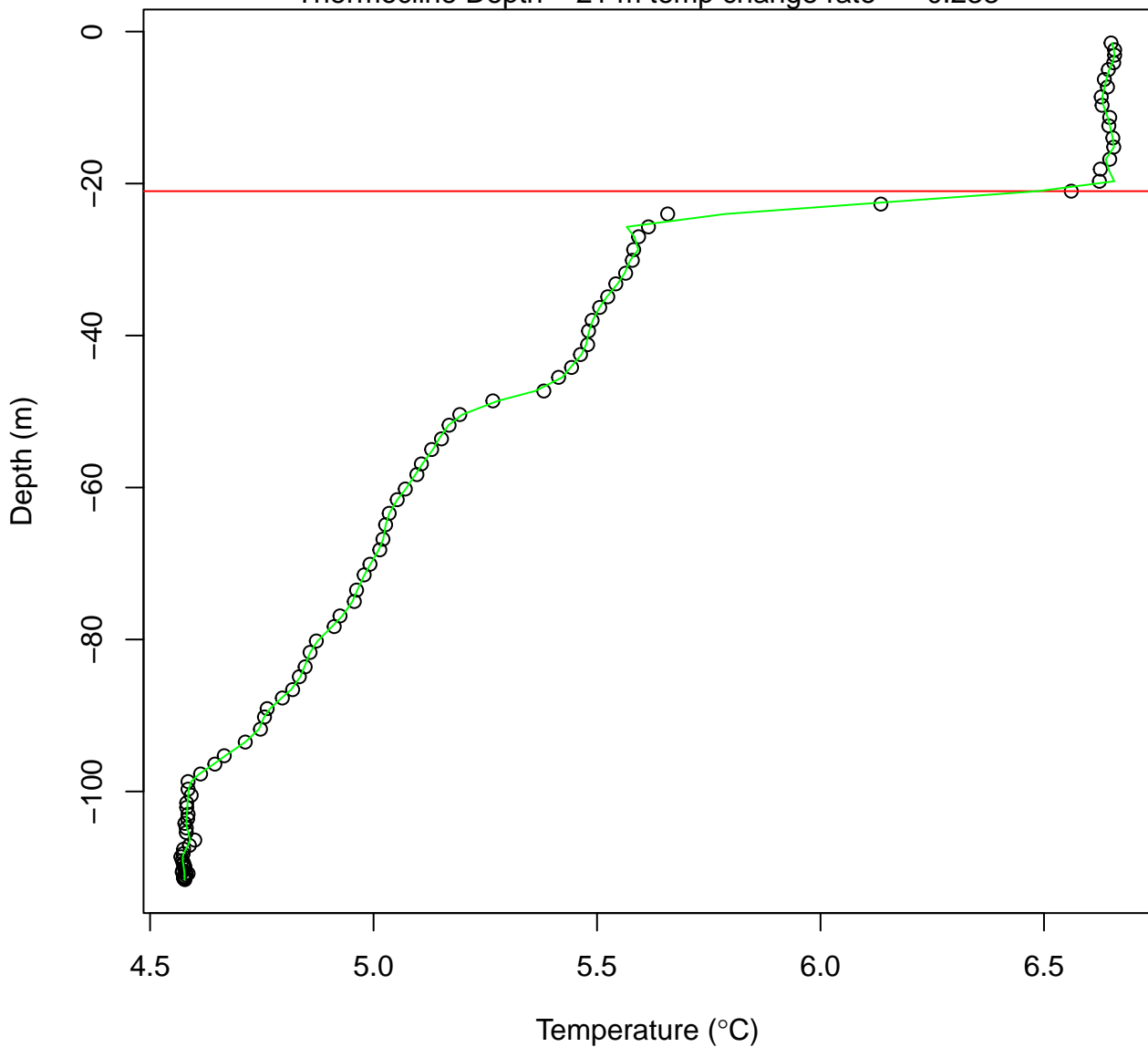
Vessel 176 Cruise 202201 Haul 3

Thermocline Depth = 65.1 m temp change rate = -0.115



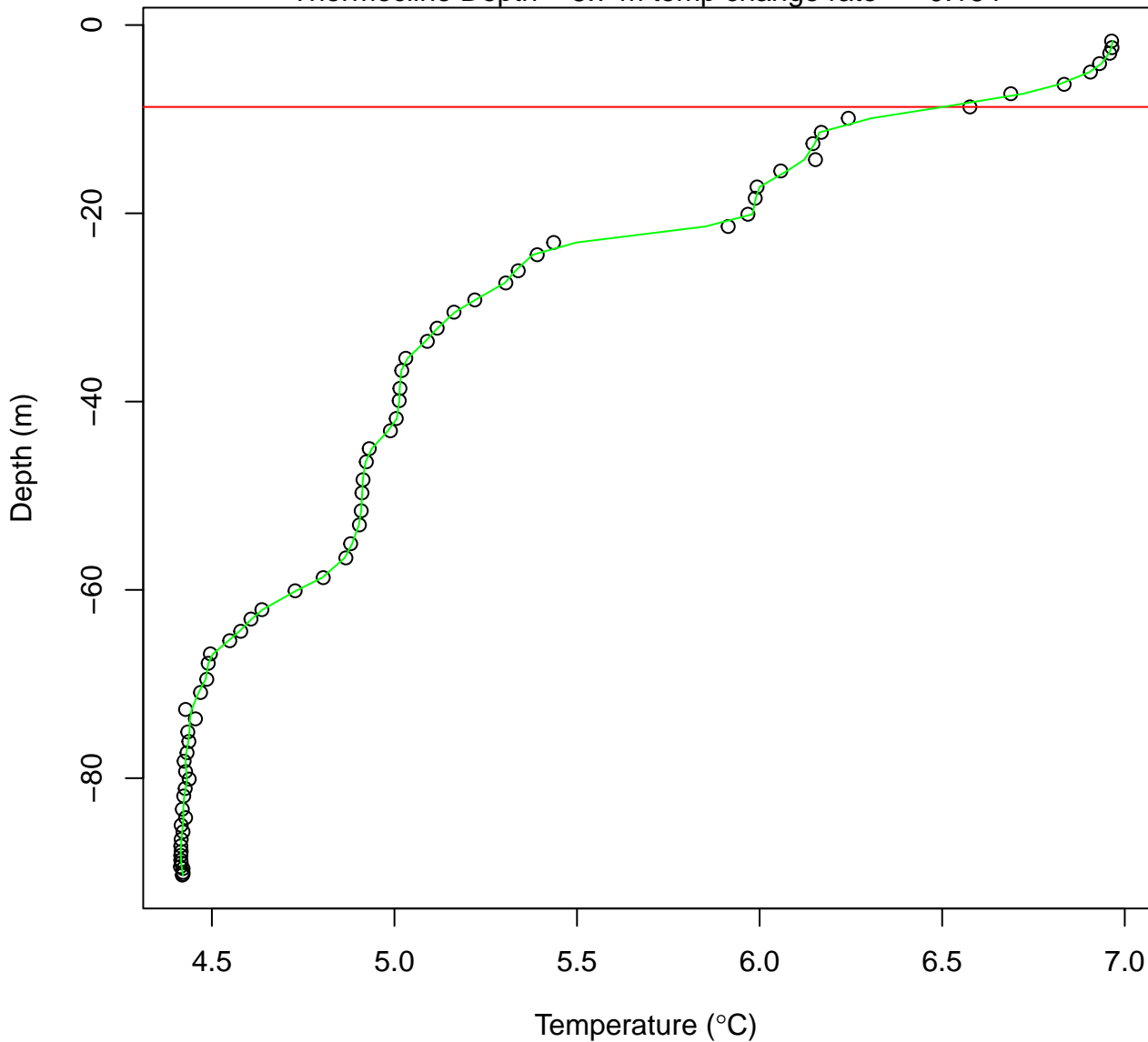
Vessel 176 Cruise 202201 Haul 4

Thermocline Depth = 21 m temp change rate = -0.233



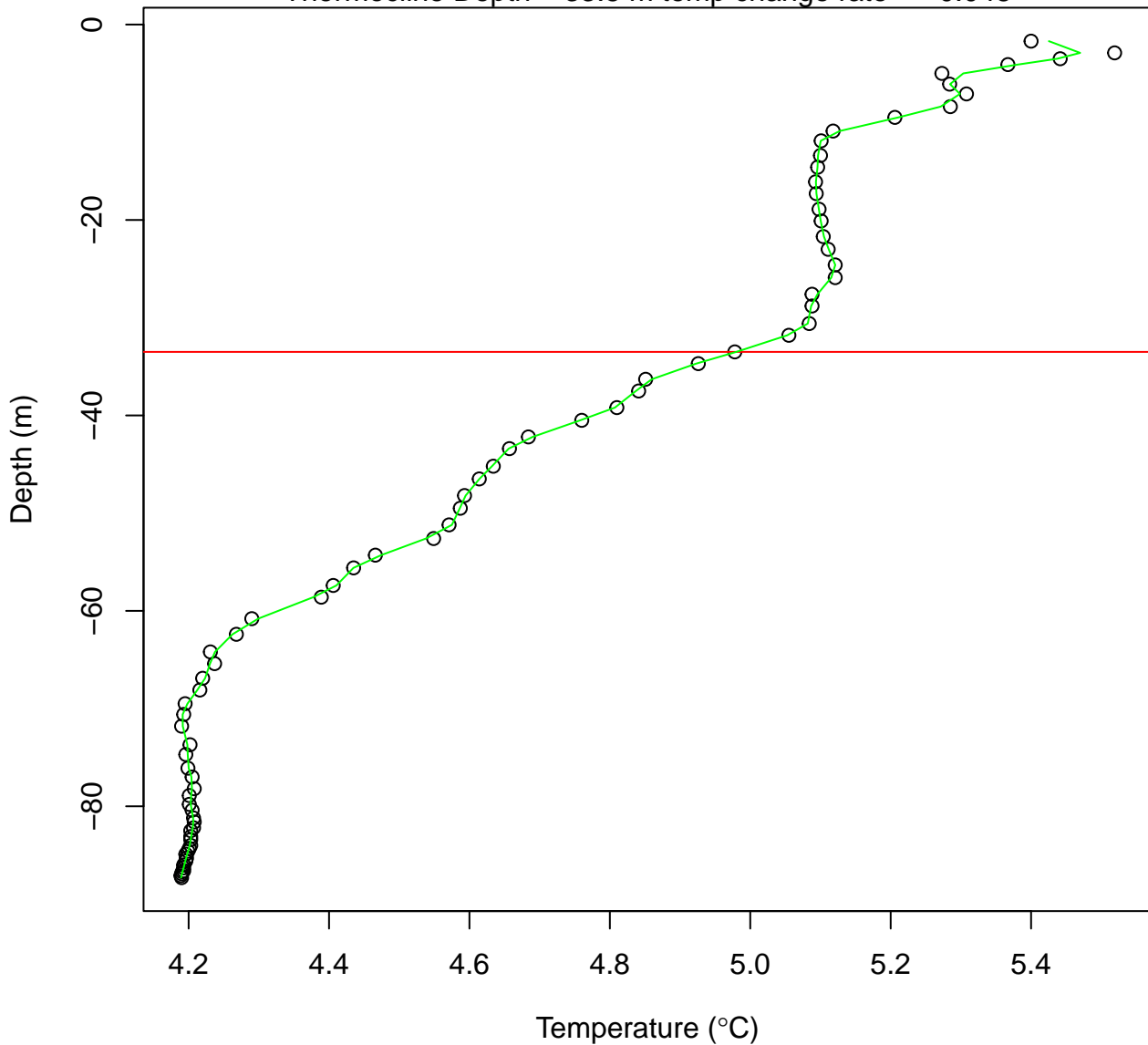
Vessel 176 Cruise 202201 Haul 5

Thermocline Depth = 8.7 m temp change rate = -0.164



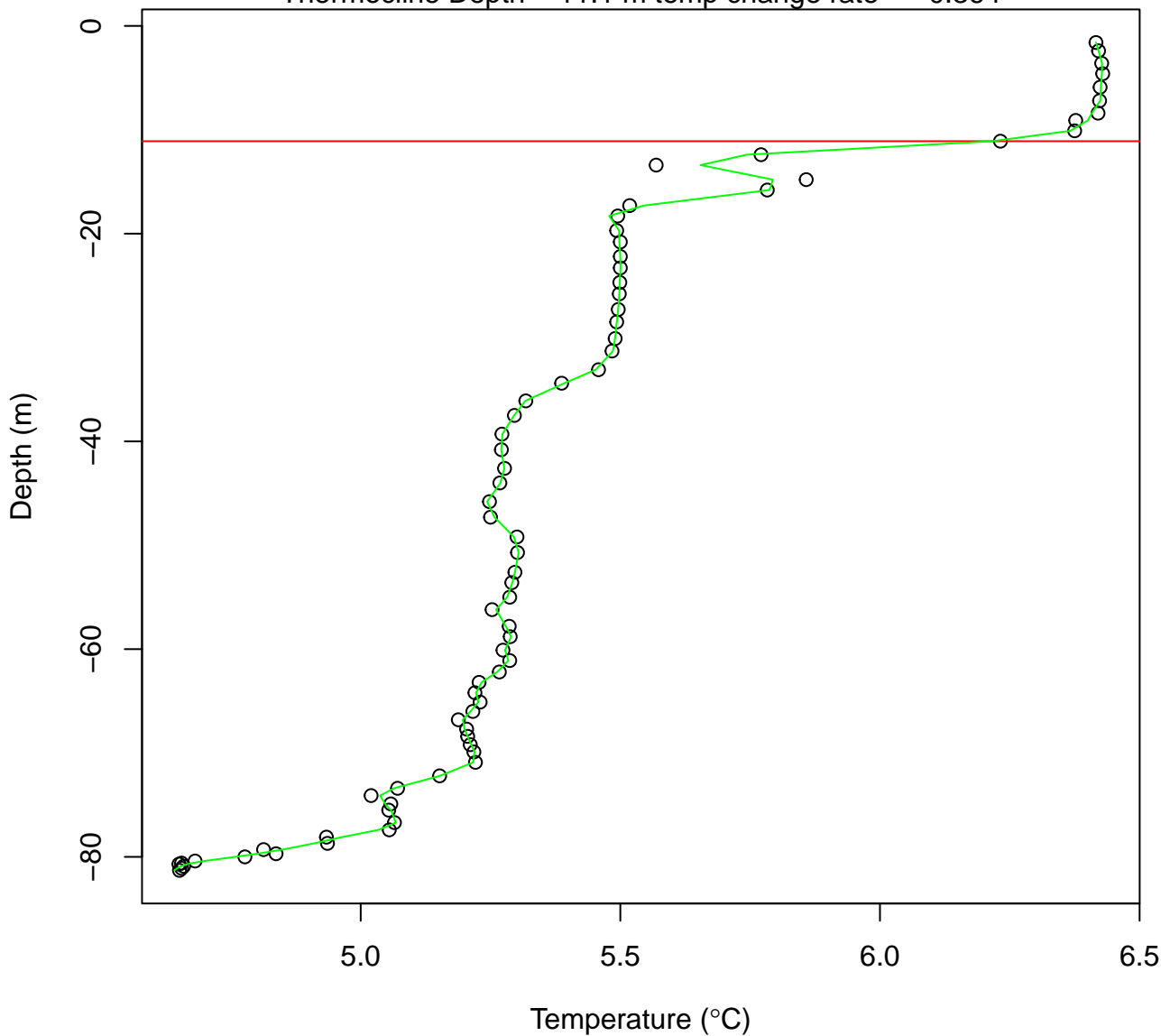
Vessel 176 Cruise 202201 Haul 6

Thermocline Depth = 33.5 m temp change rate = -0.048



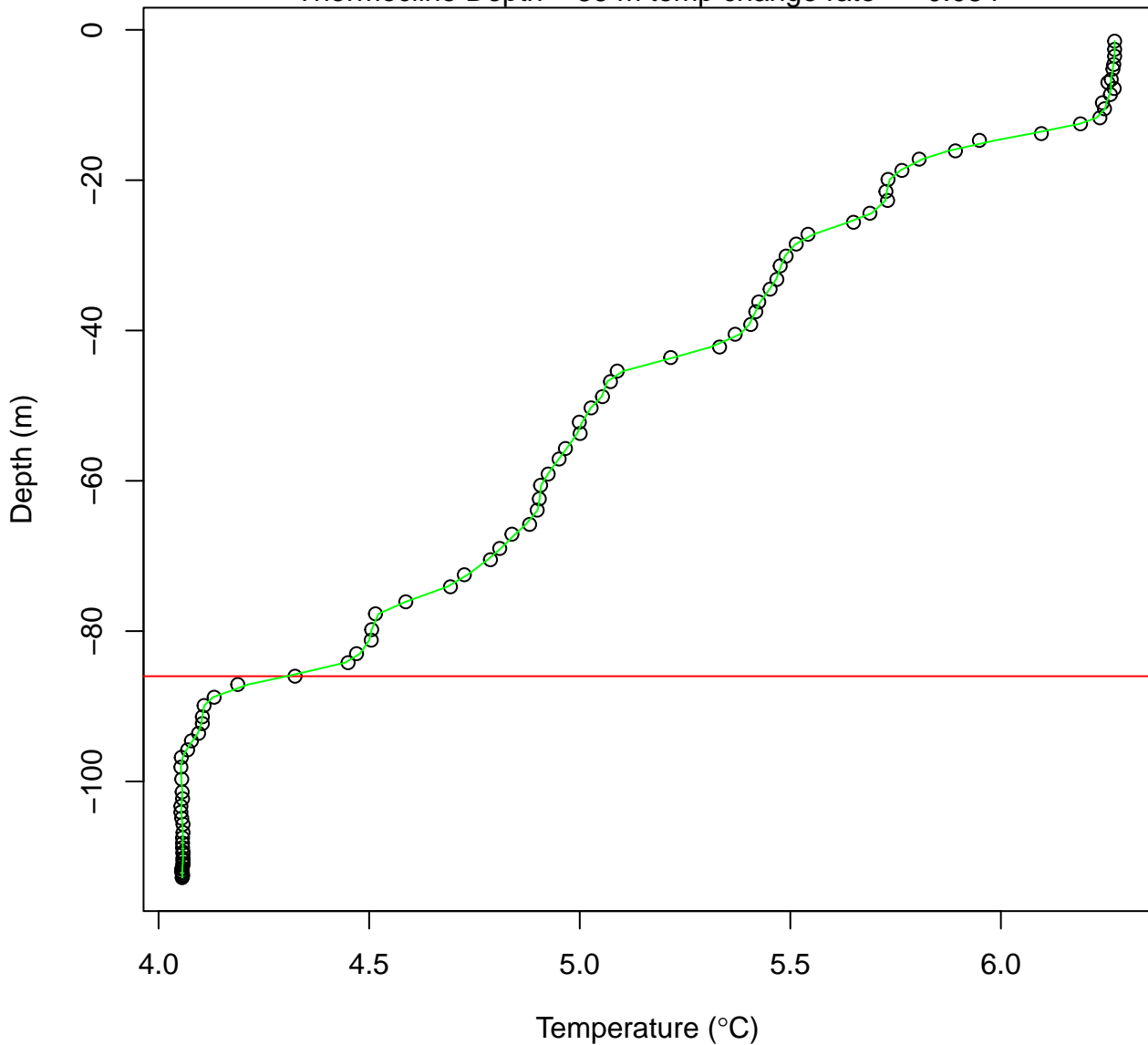
Vessel 176 Cruise 202201 Haul 7

Thermocline Depth = 11.1 m temp change rate = -0.364



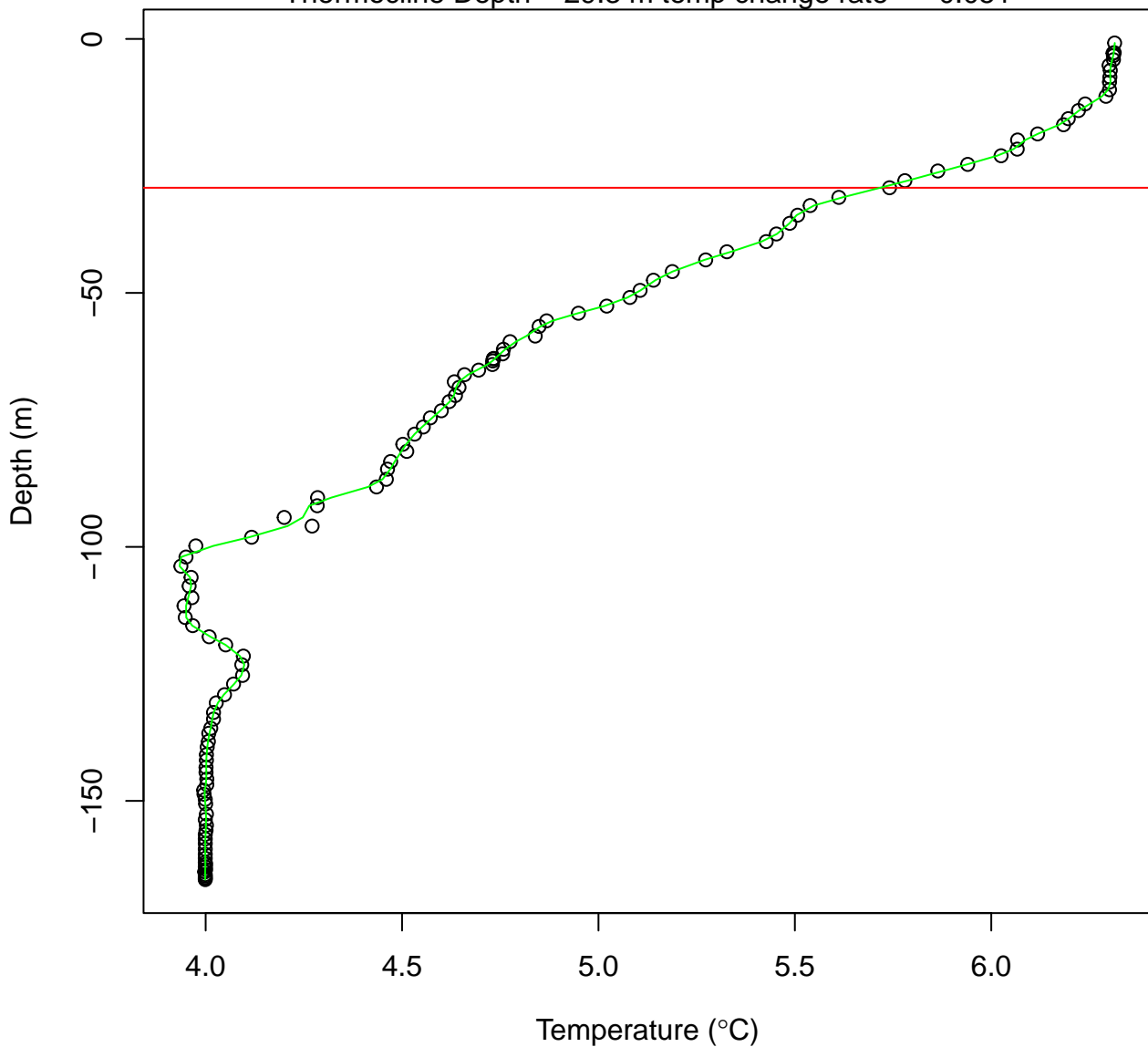
Vessel 176 Cruise 202201 Haul 8

Thermocline Depth = 86 m temp change rate = -0.084



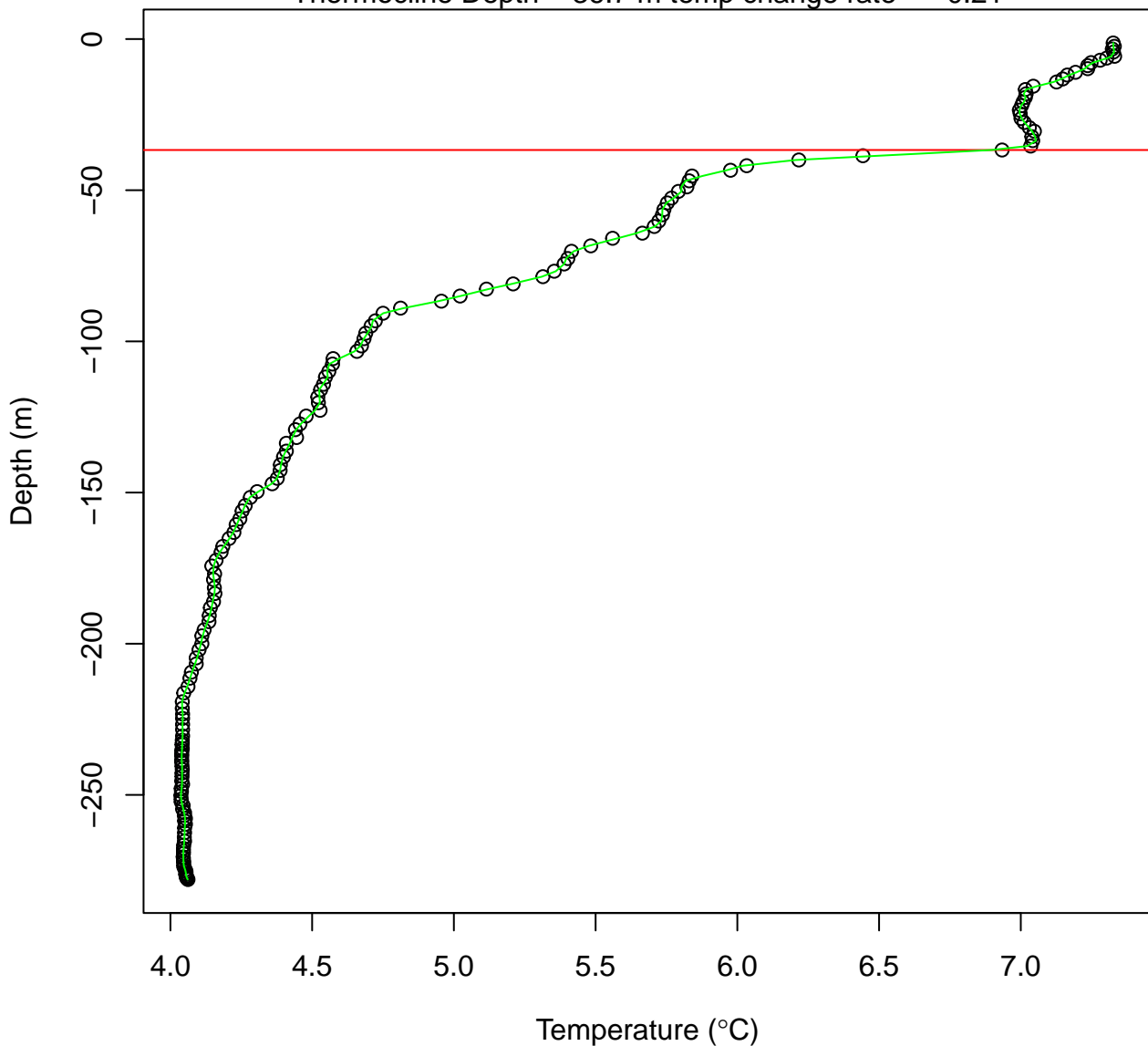
Vessel 176 Cruise 202201 Haul 9

Thermocline Depth = 29.3 m temp change rate = -0.051



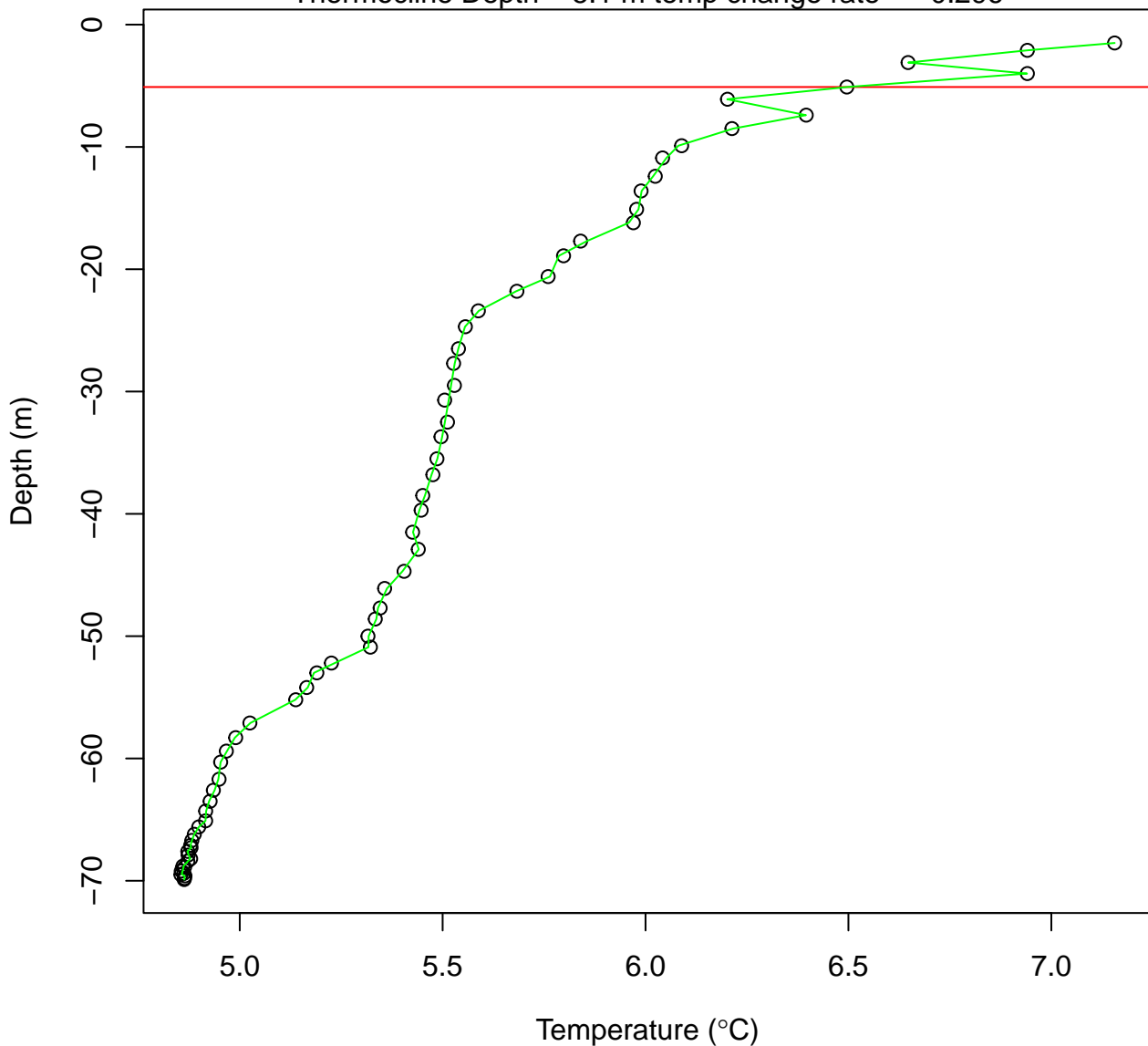
Vessel 176 Cruise 202201 Haul 10

Thermocline Depth = 36.7 m temp change rate = -0.21



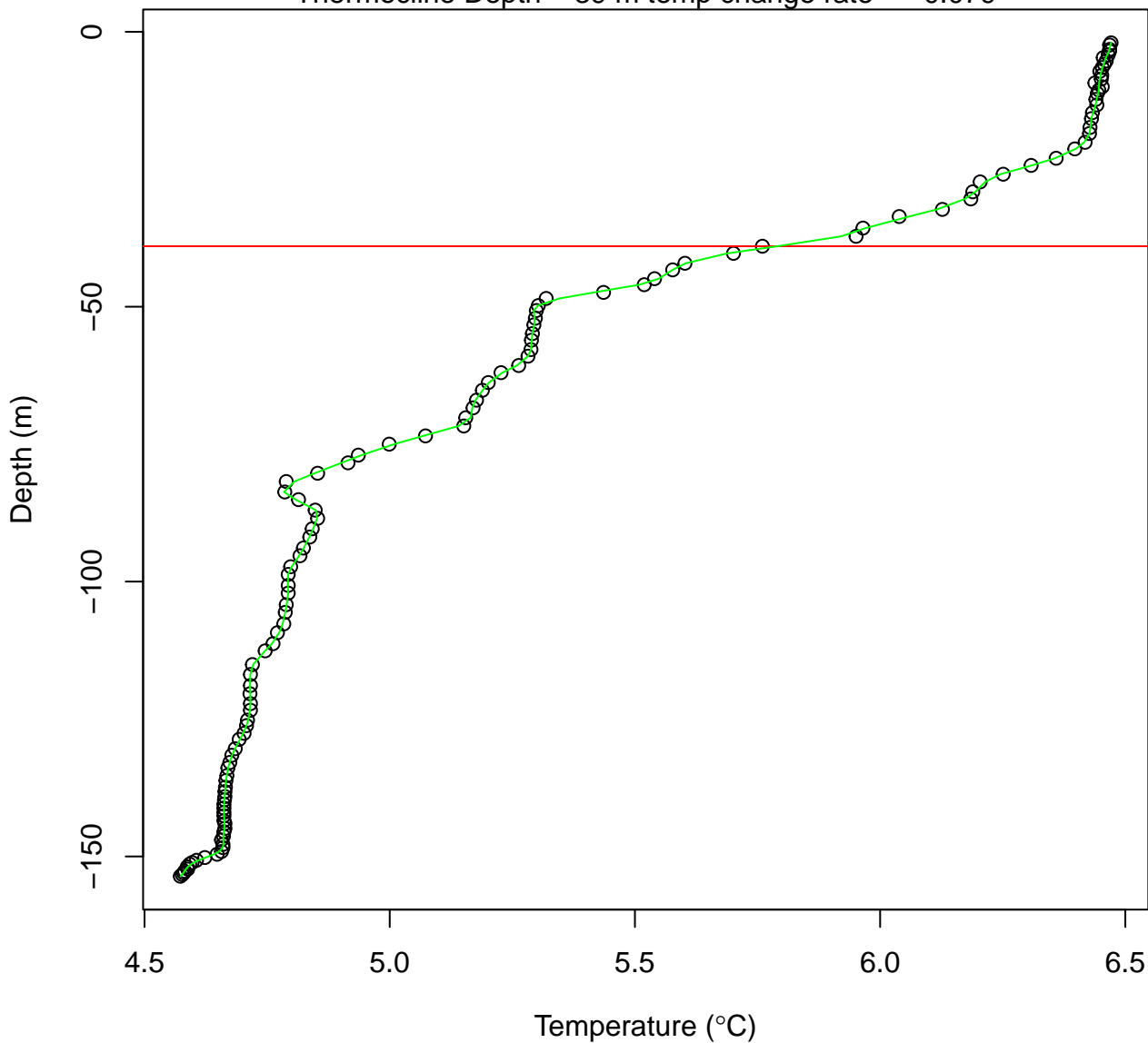
Vessel 176 Cruise 202201 Haul 11

Thermocline Depth = 5.1 m temp change rate = -0.296



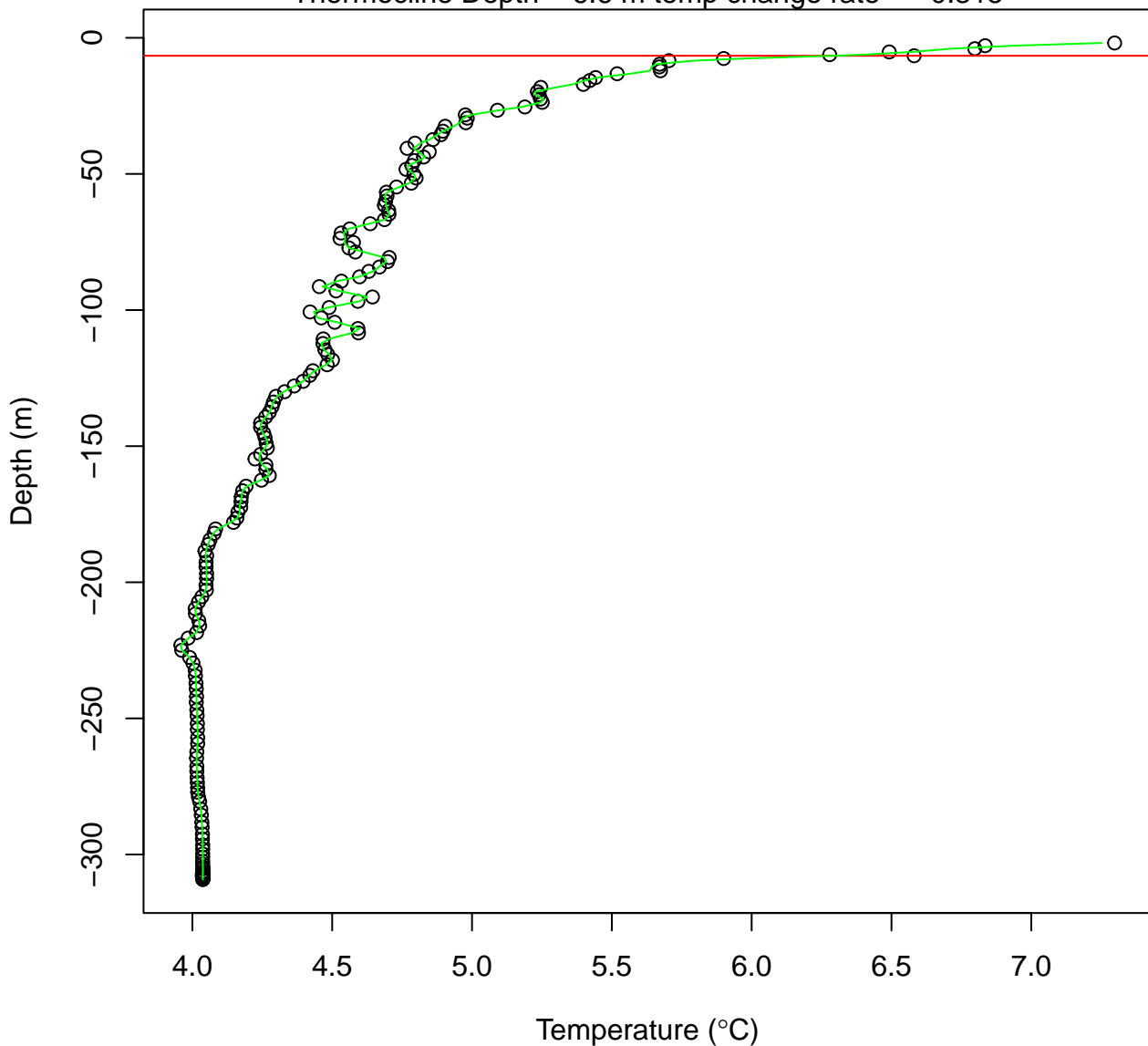
Vessel 176 Cruise 202201 Haul 12

Thermocline Depth = 39 m temp change rate = -0.079



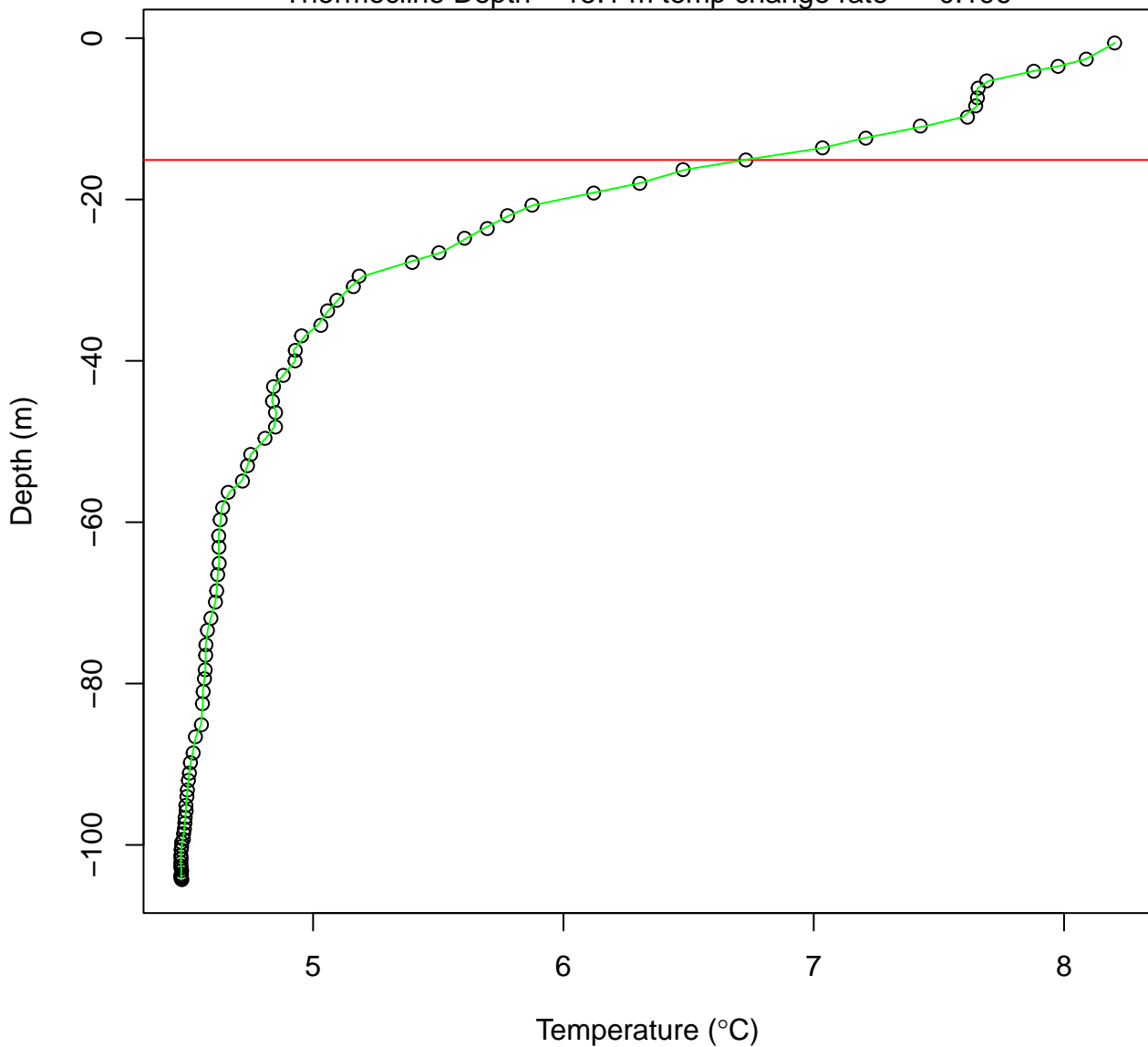
Vessel 176 Cruise 202201 Haul 13

Thermocline Depth = 6.6 m temp change rate = -0.315



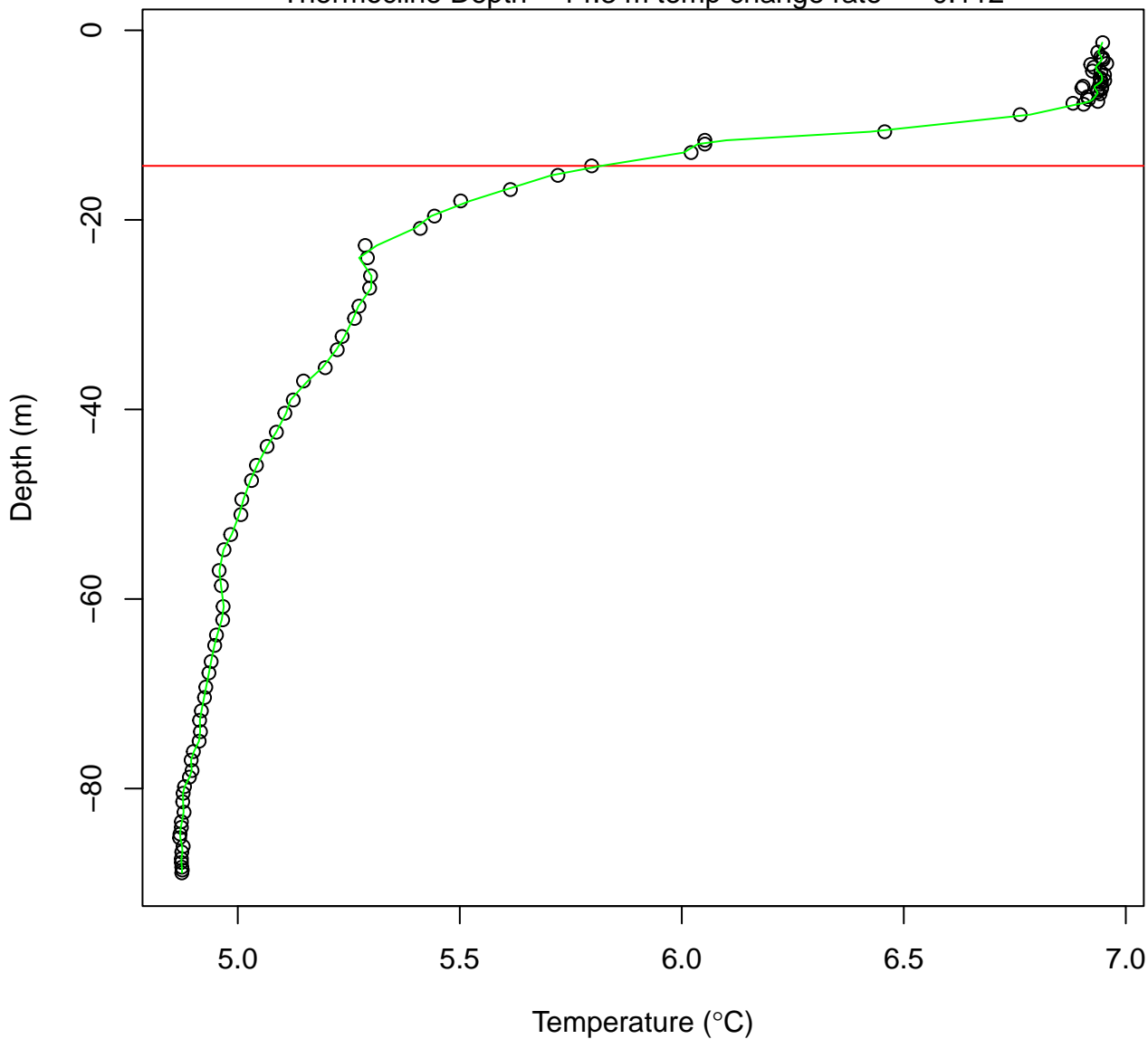
Vessel 176 Cruise 202201 Haul 14

Thermocline Depth = 15.1 m temp change rate = -0.196



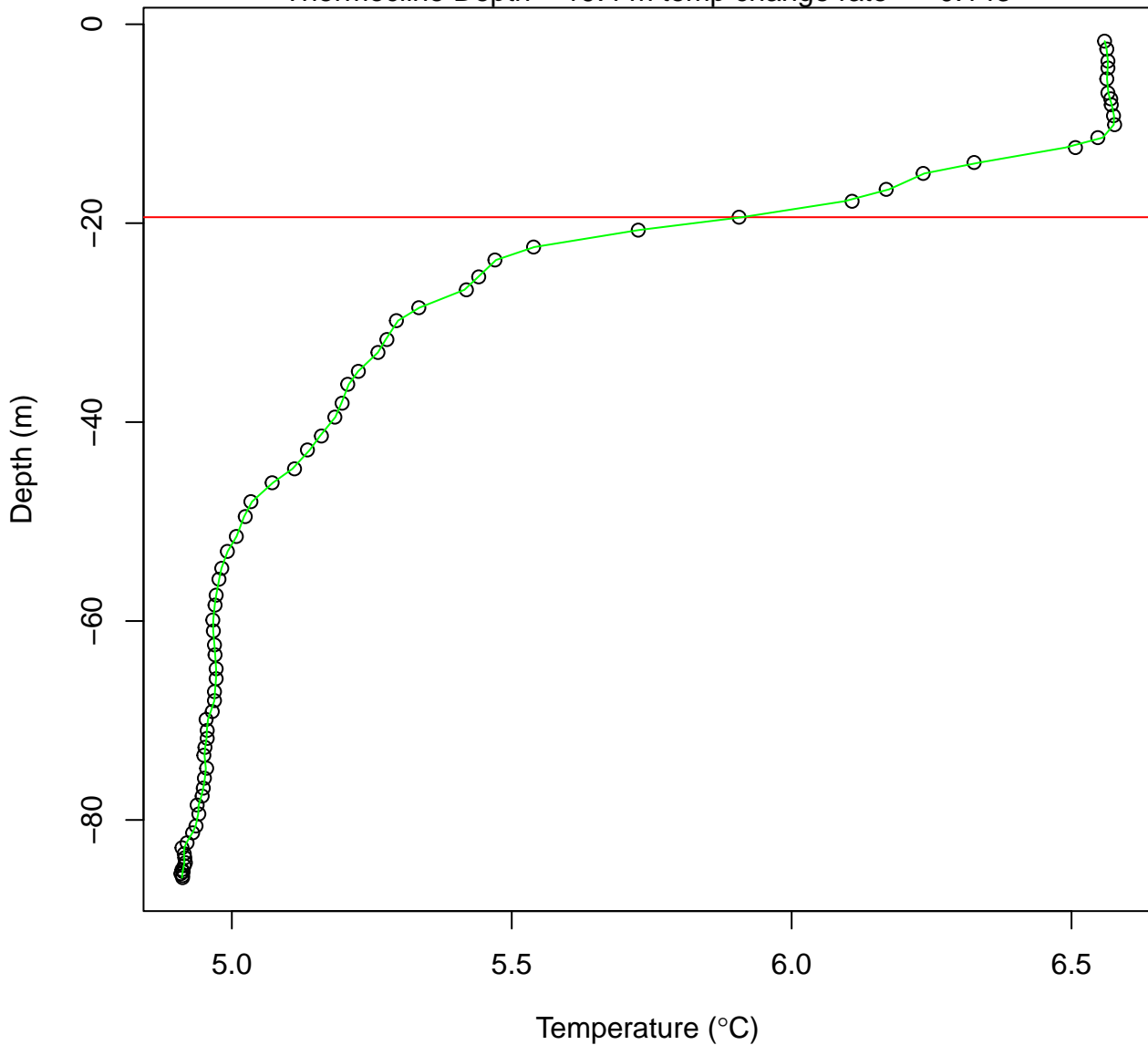
Vessel 176 Cruise 202201 Haul 15

Thermocline Depth = 14.3 m temp change rate = -0.112



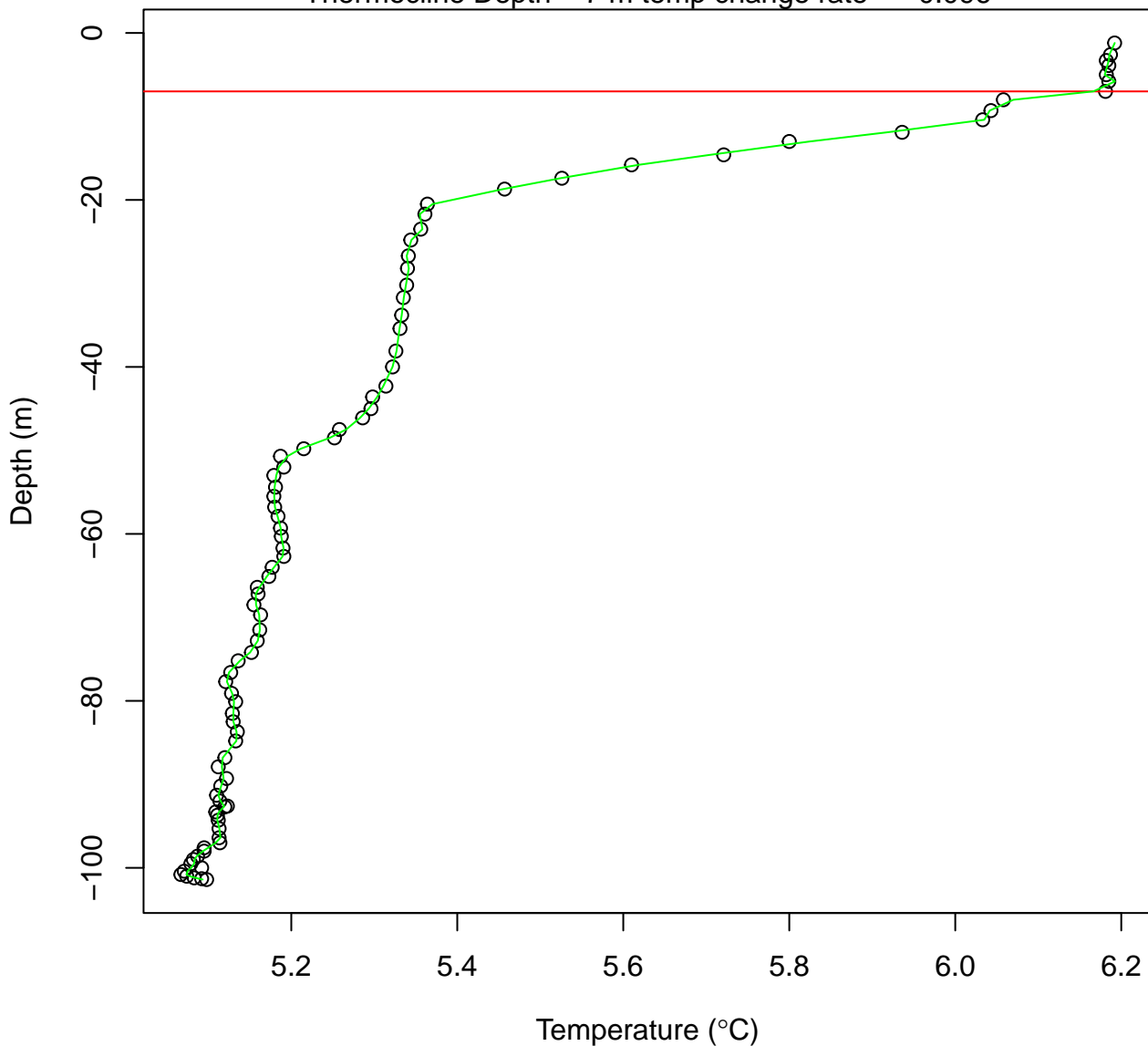
Vessel 176 Cruise 202201 Haul 16

Thermocline Depth = 19.4 m temp change rate = -0.143



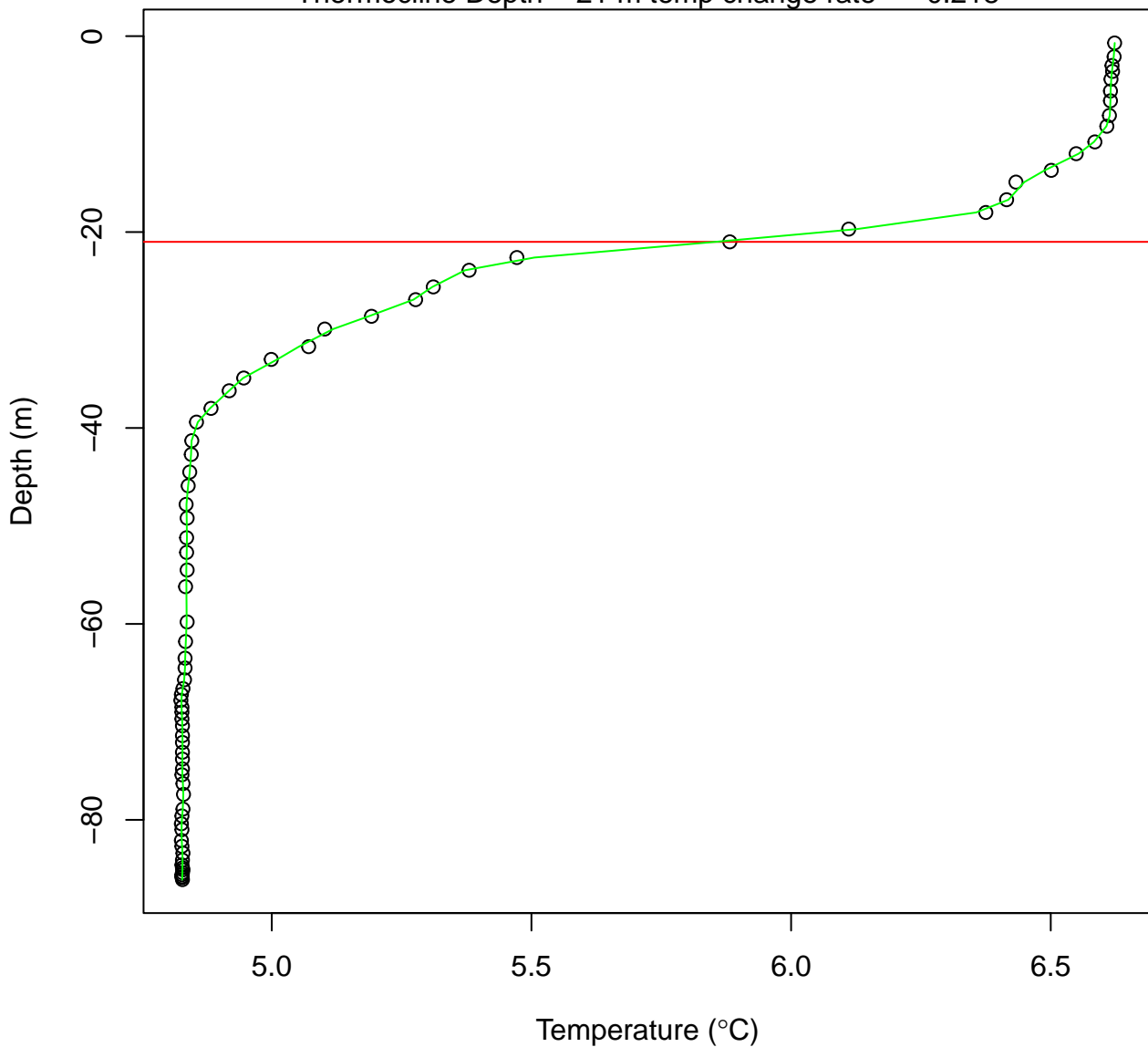
Vessel 176 Cruise 202201 Haul 17

Thermocline Depth = 7 m temp change rate = -0.096



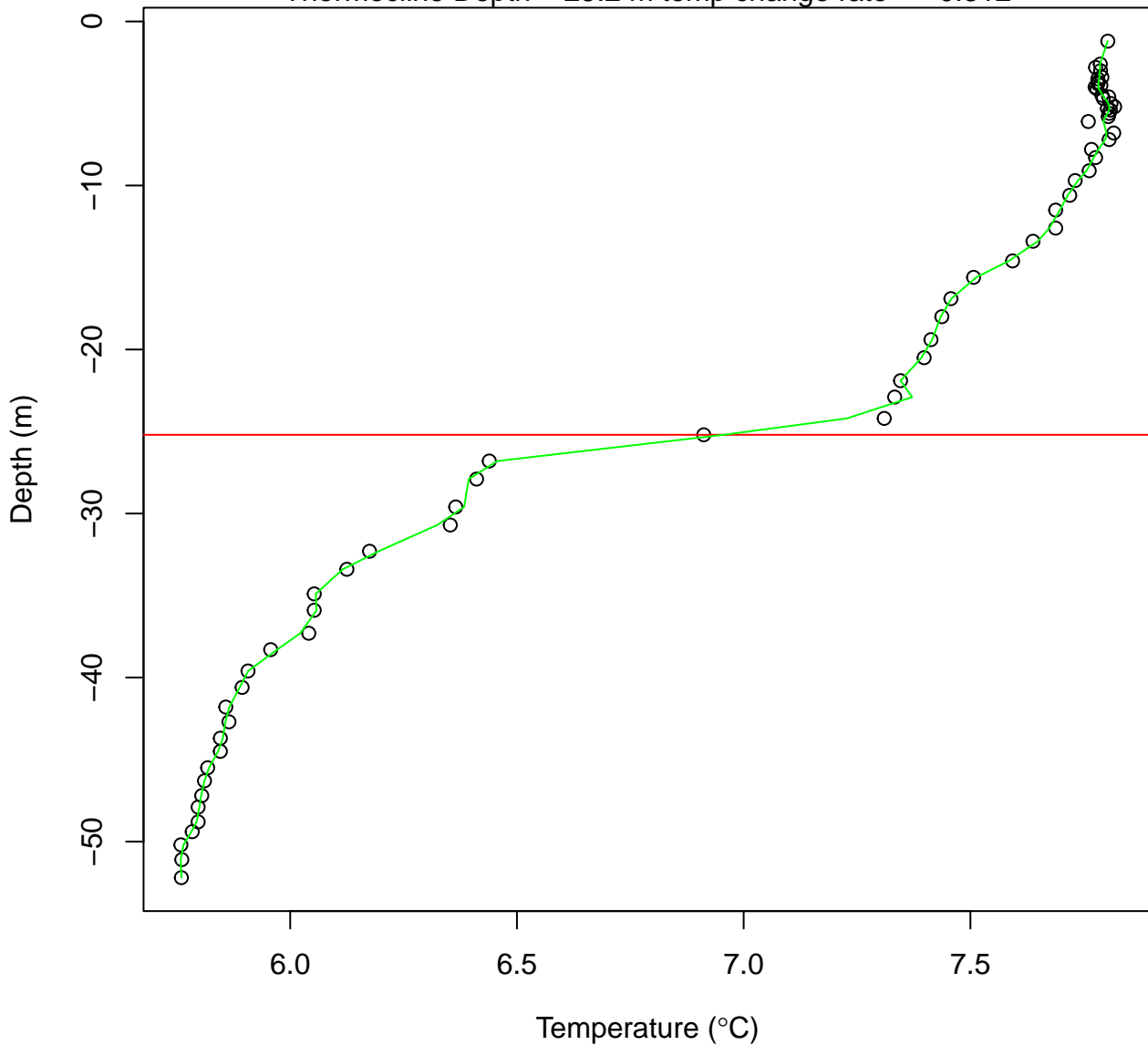
Vessel 176 Cruise 202201 Haul 18

Thermocline Depth = 21 m temp change rate = -0.218



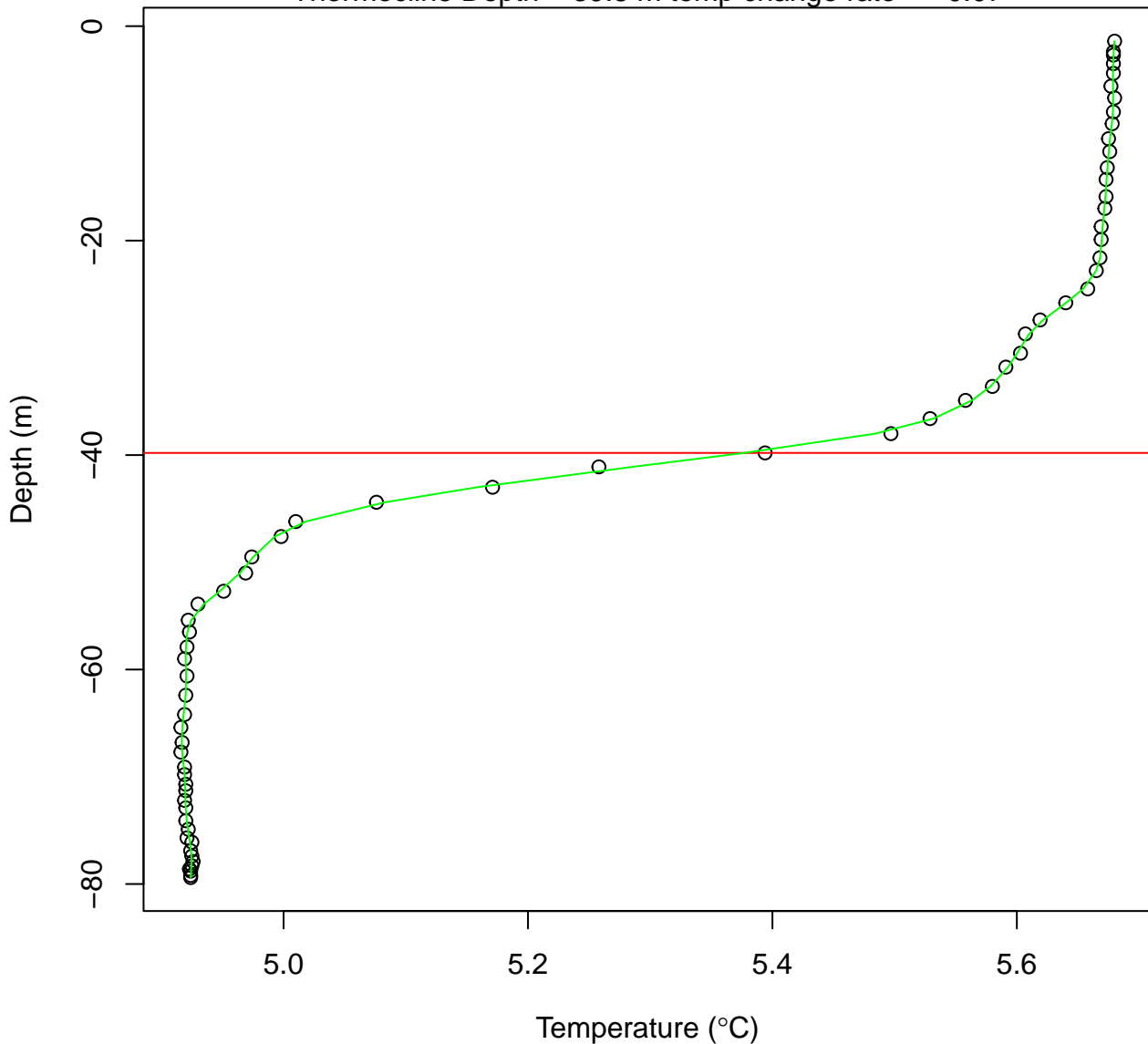
Vessel 176 Cruise 202201 Haul 19

Thermocline Depth = 25.2 m temp change rate = -0.312



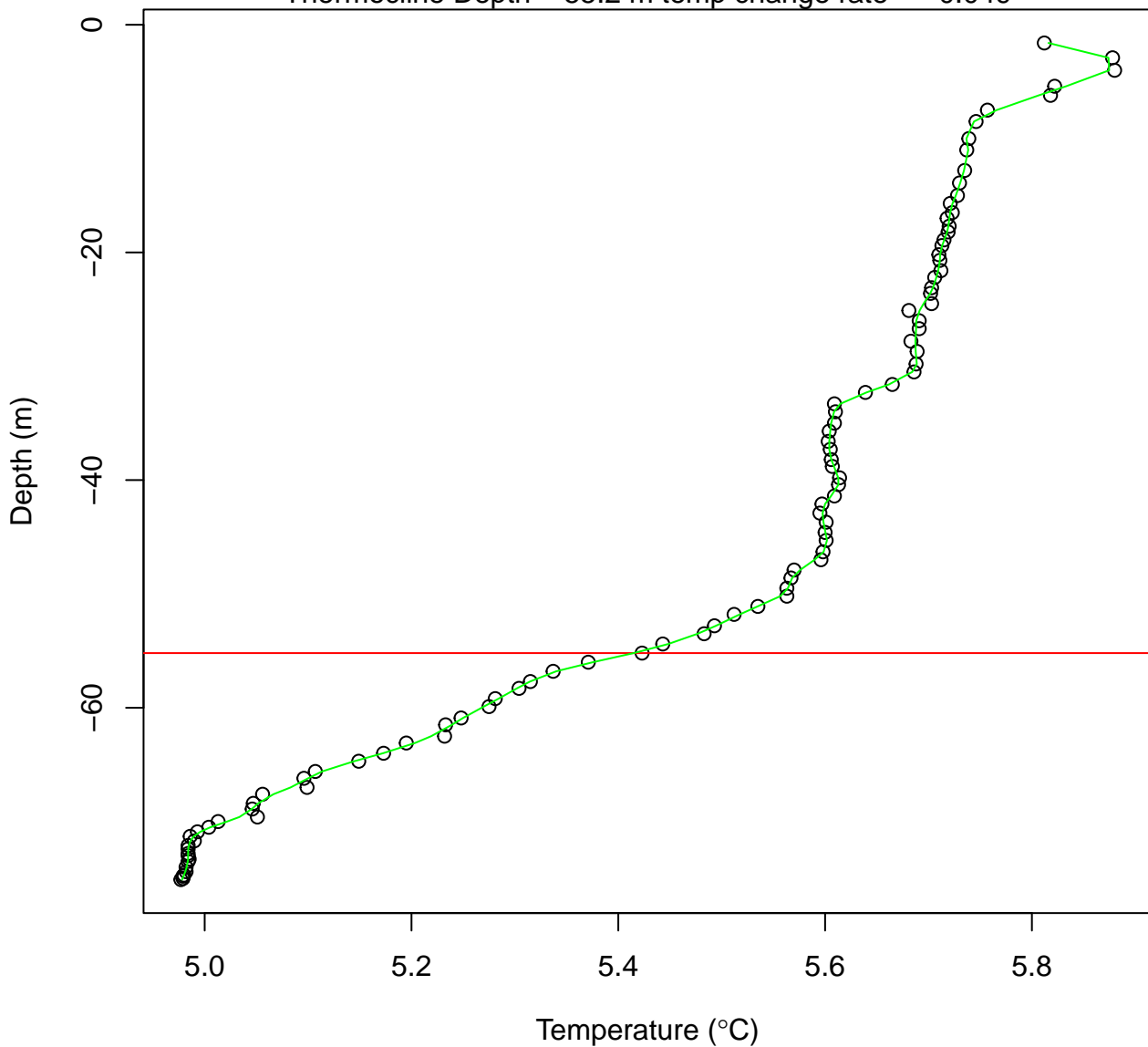
Vessel 176 Cruise 202201 Haul 20

Thermocline Depth = 39.8 m temp change rate = -0.07



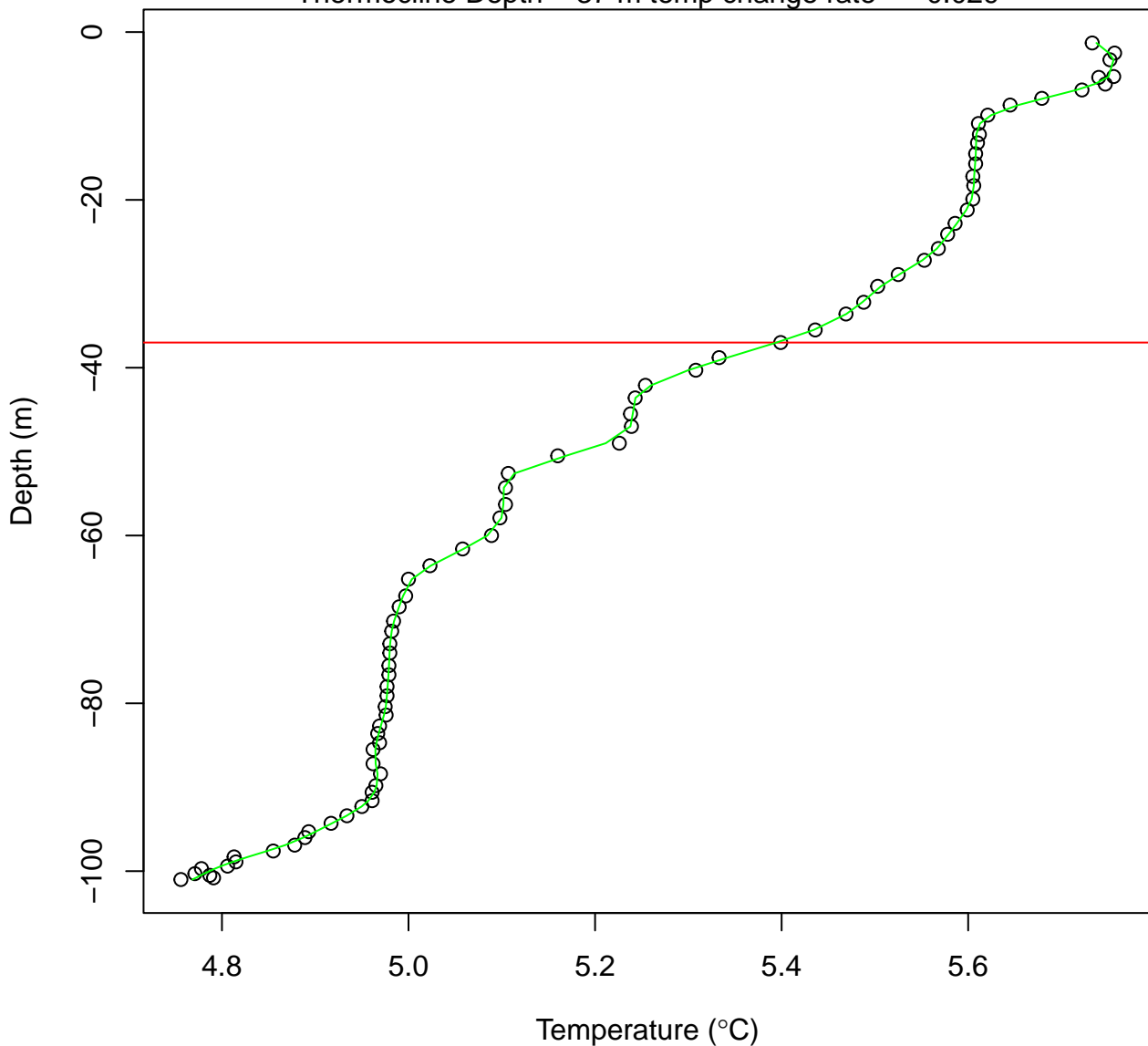
Vessel 176 Cruise 202201 Haul 21

Thermocline Depth = 55.2 m temp change rate = -0.049



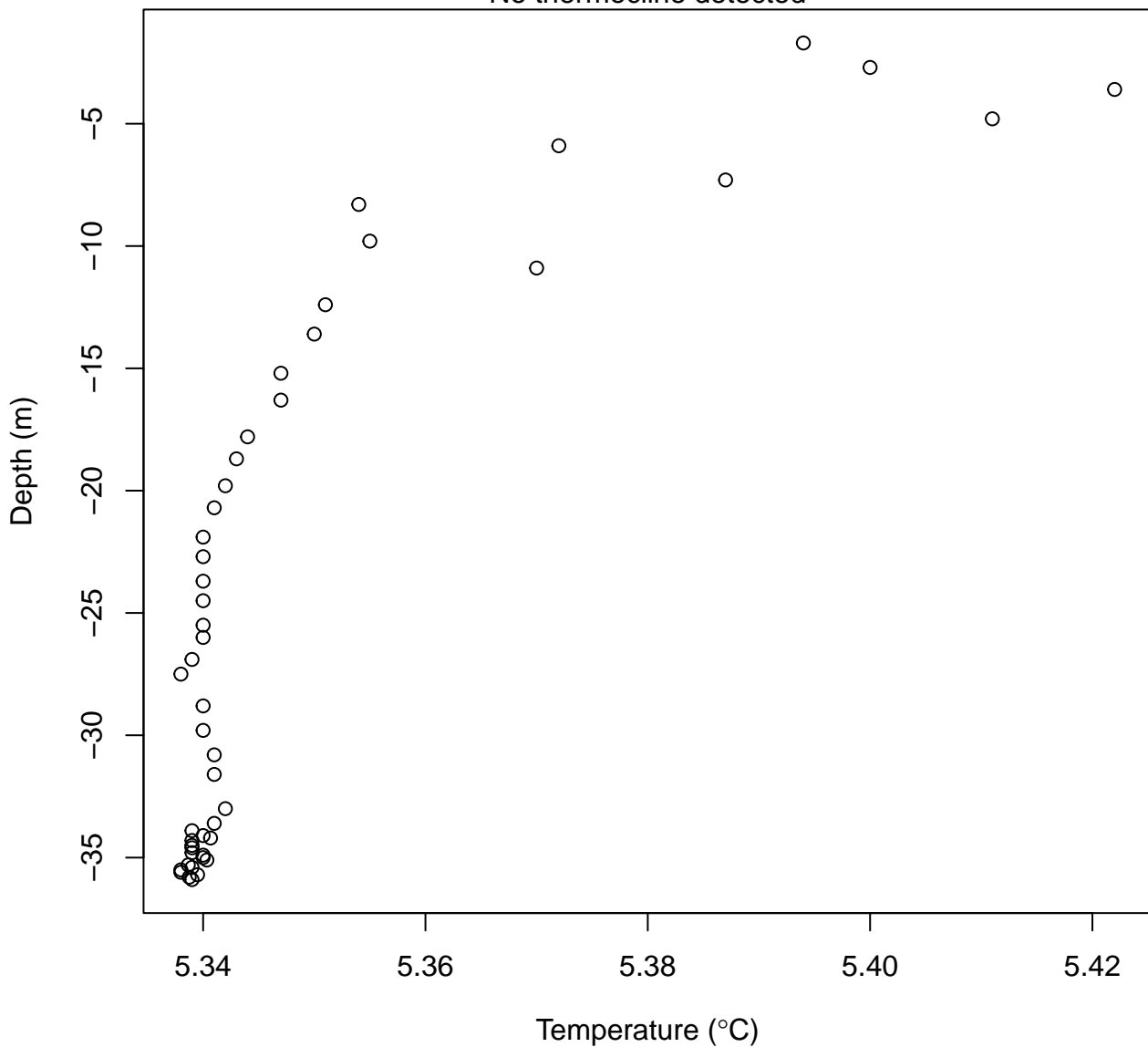
Vessel 176 Cruise 202201 Haul 22

Thermocline Depth = 37 m temp change rate = -0.029



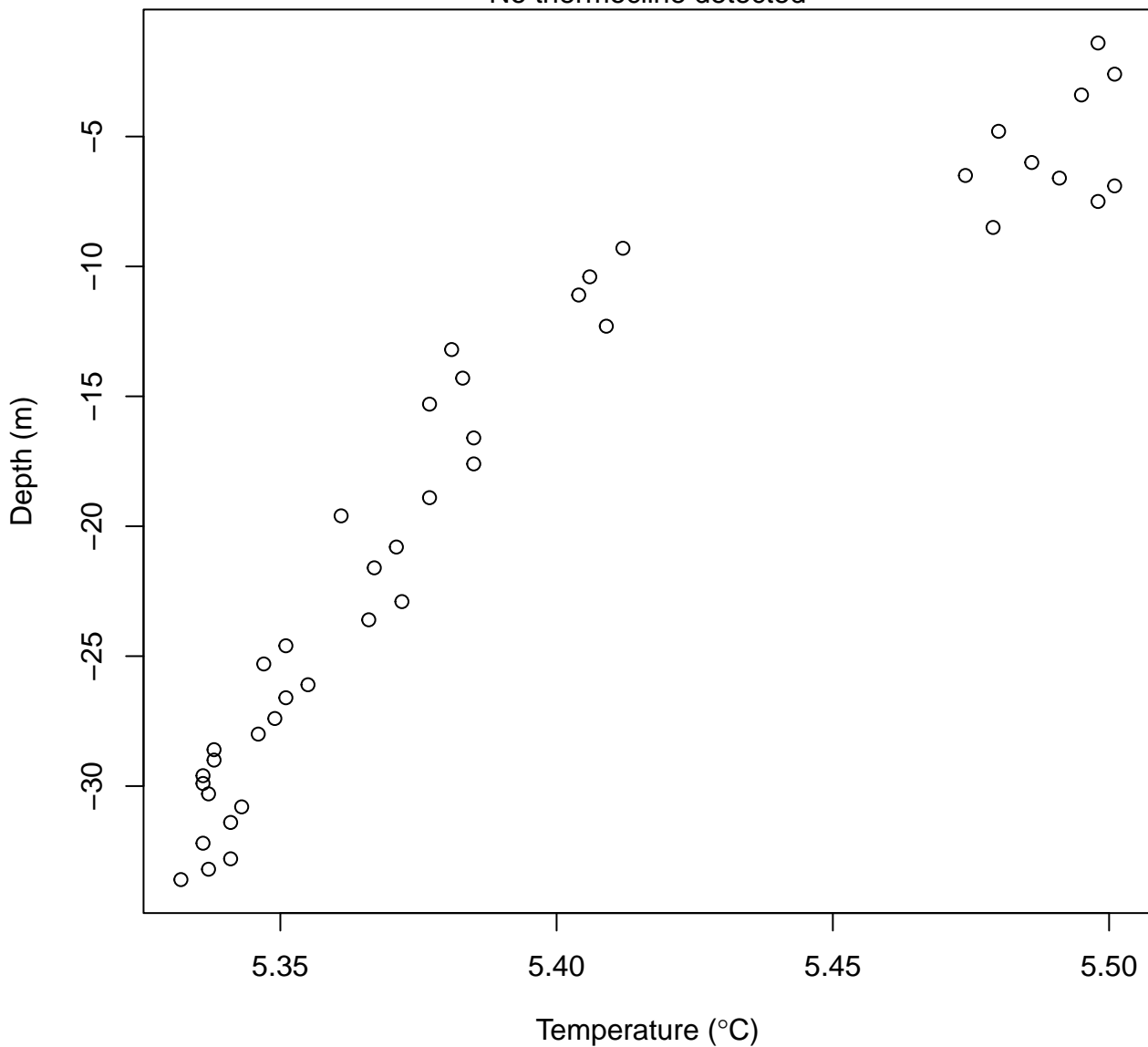
Vessel 176 Cruise 202201 Haul 23

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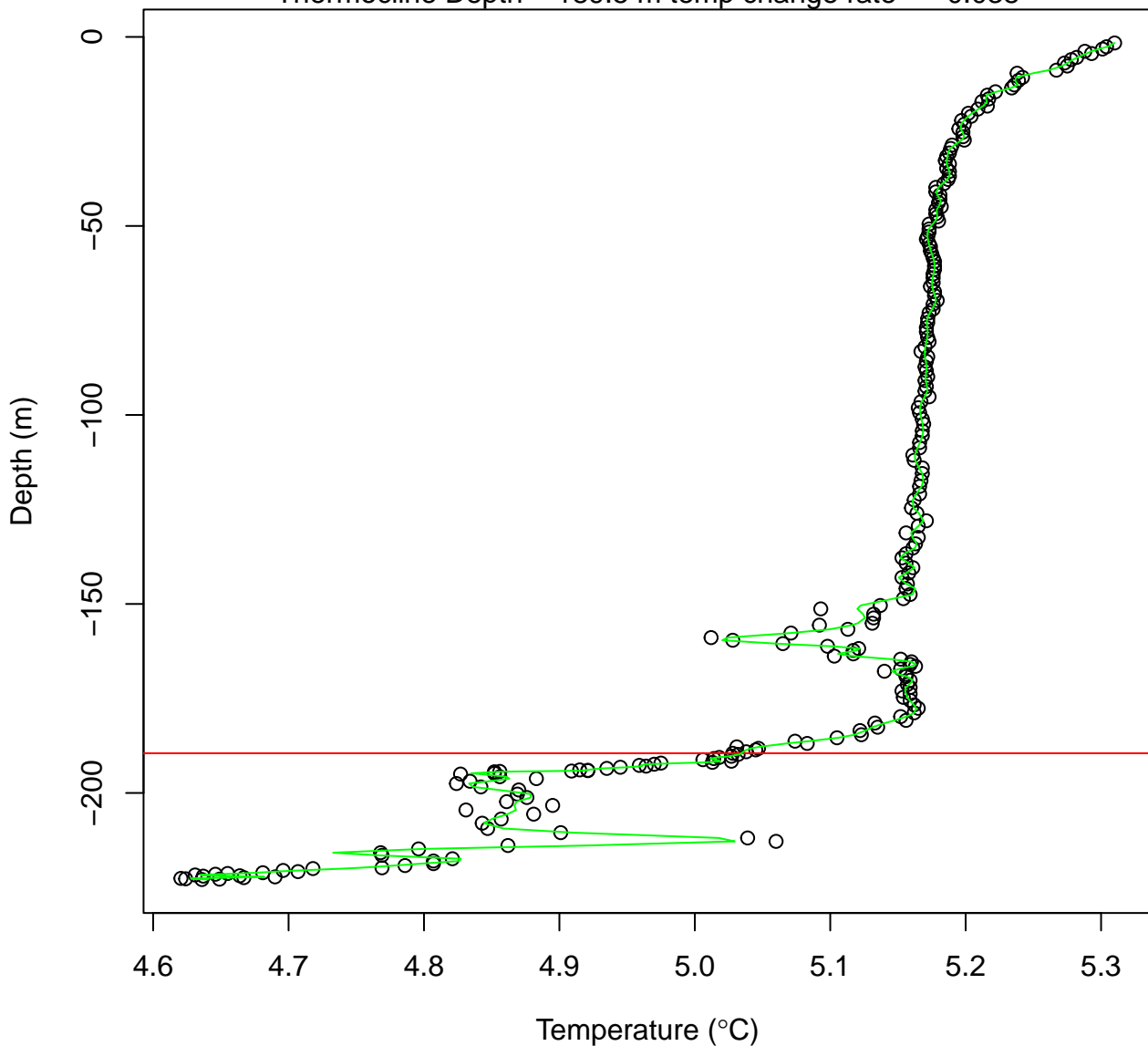
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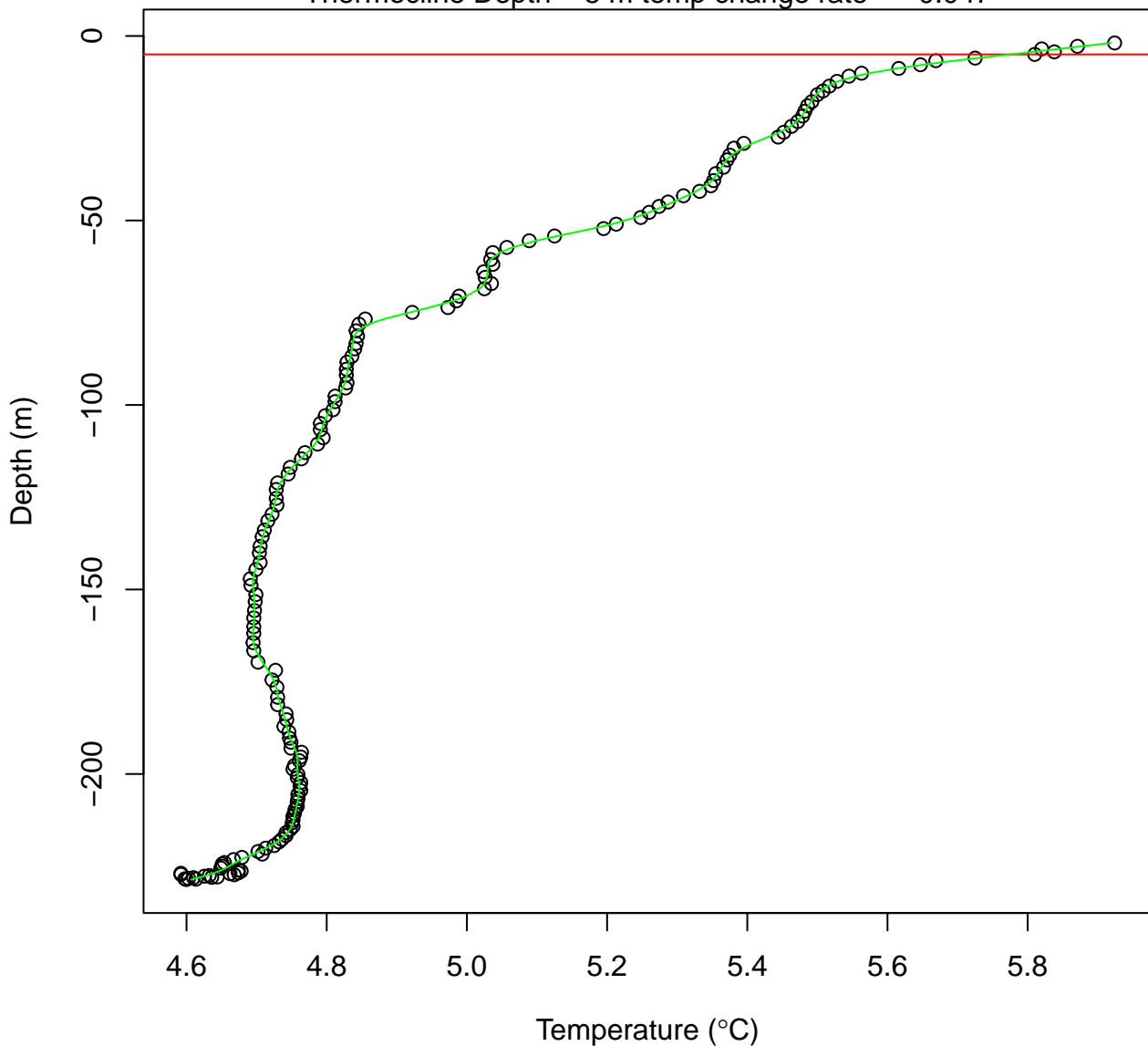
Vessel 176 Cruise 202201 Haul 25

Thermocline Depth = 189.5 m temp change rate = -0.038



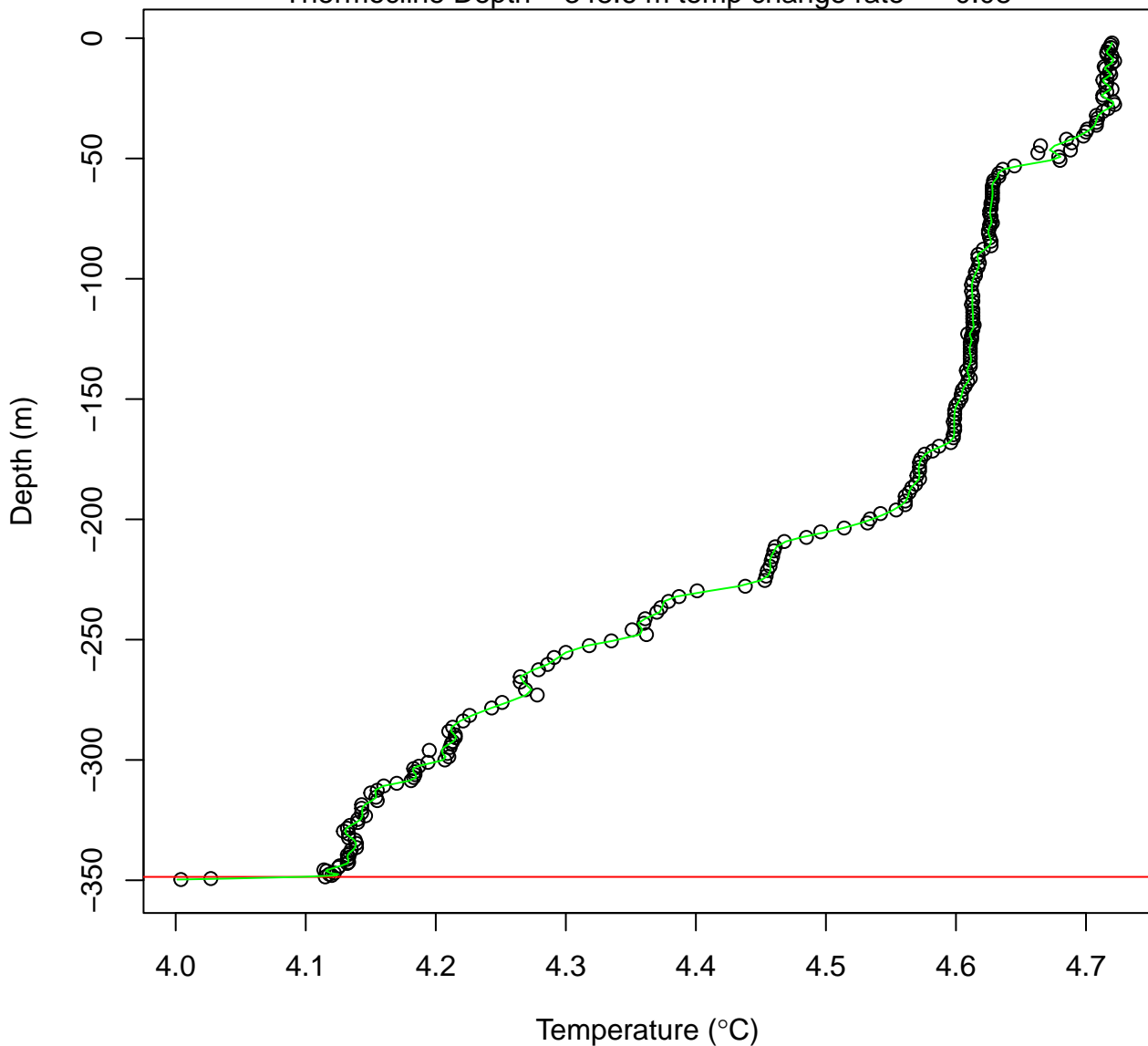
Vessel 176 Cruise 202201 Haul 26

Thermocline Depth = 5 m temp change rate = -0.047



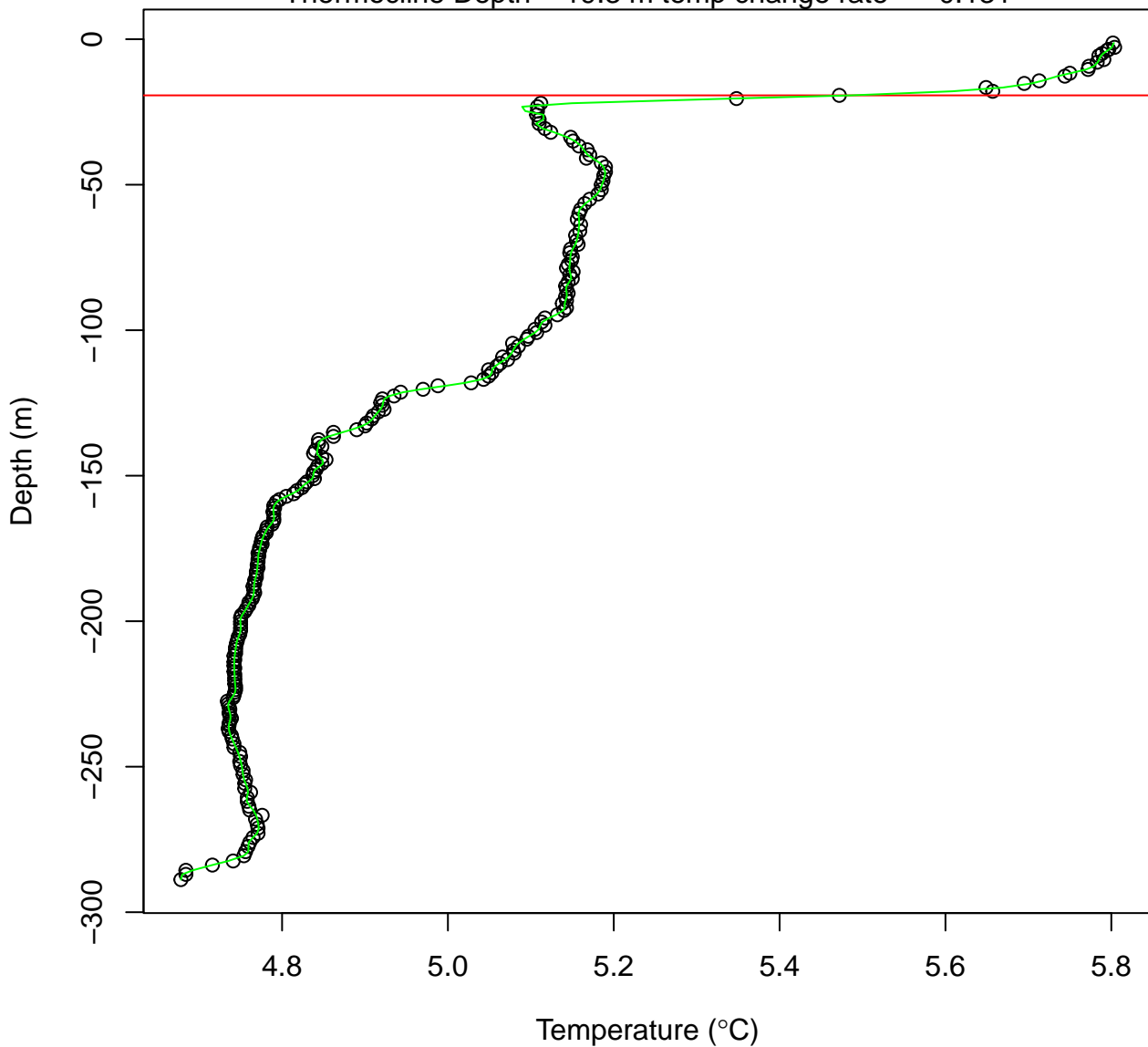
Vessel 176 Cruise 202201 Haul 27

Thermocline Depth = 348.6 m temp change rate = -0.08



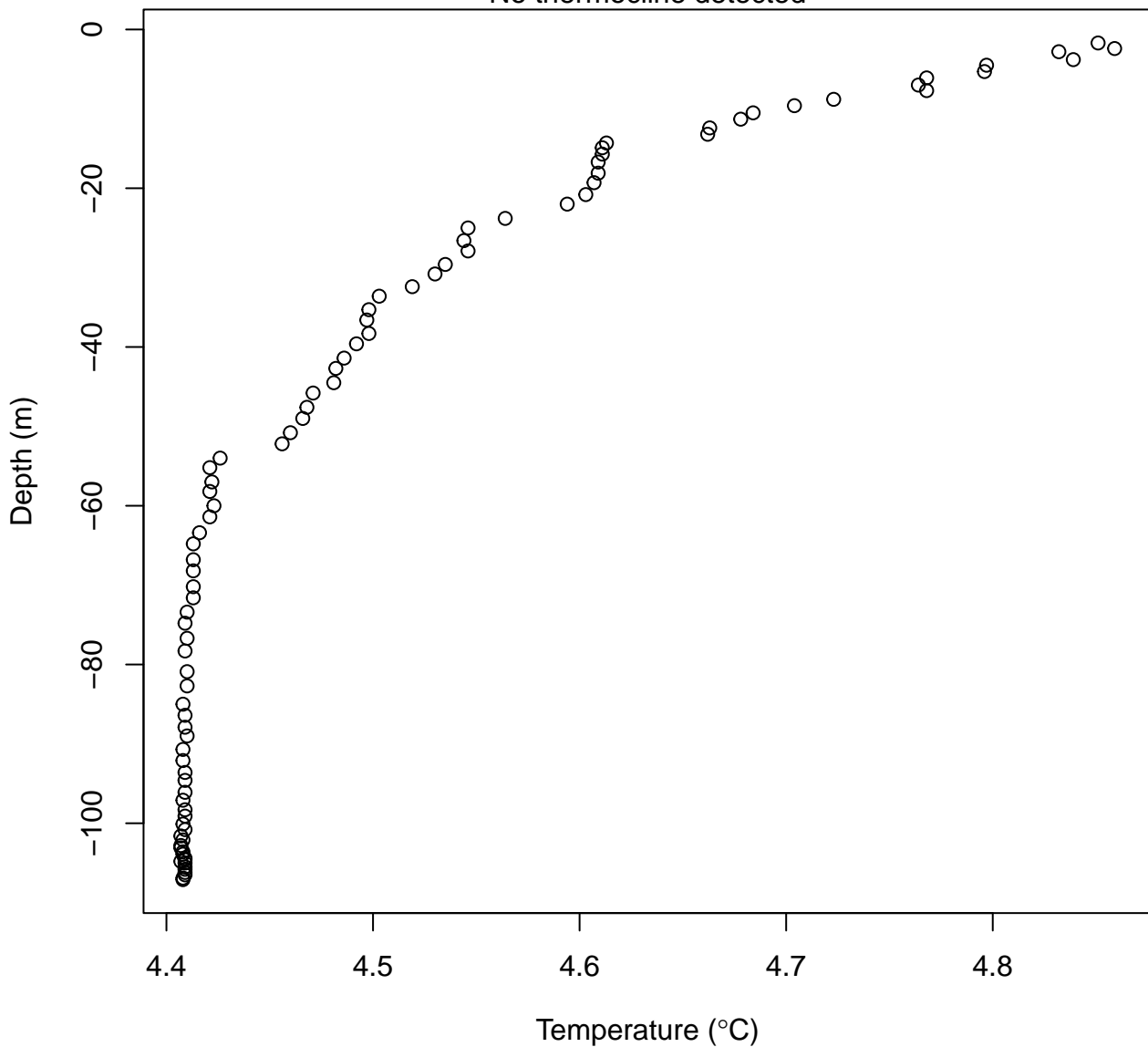
Vessel 176 Cruise 202201 Haul 28

Thermocline Depth = 19.3 m temp change rate = -0.131



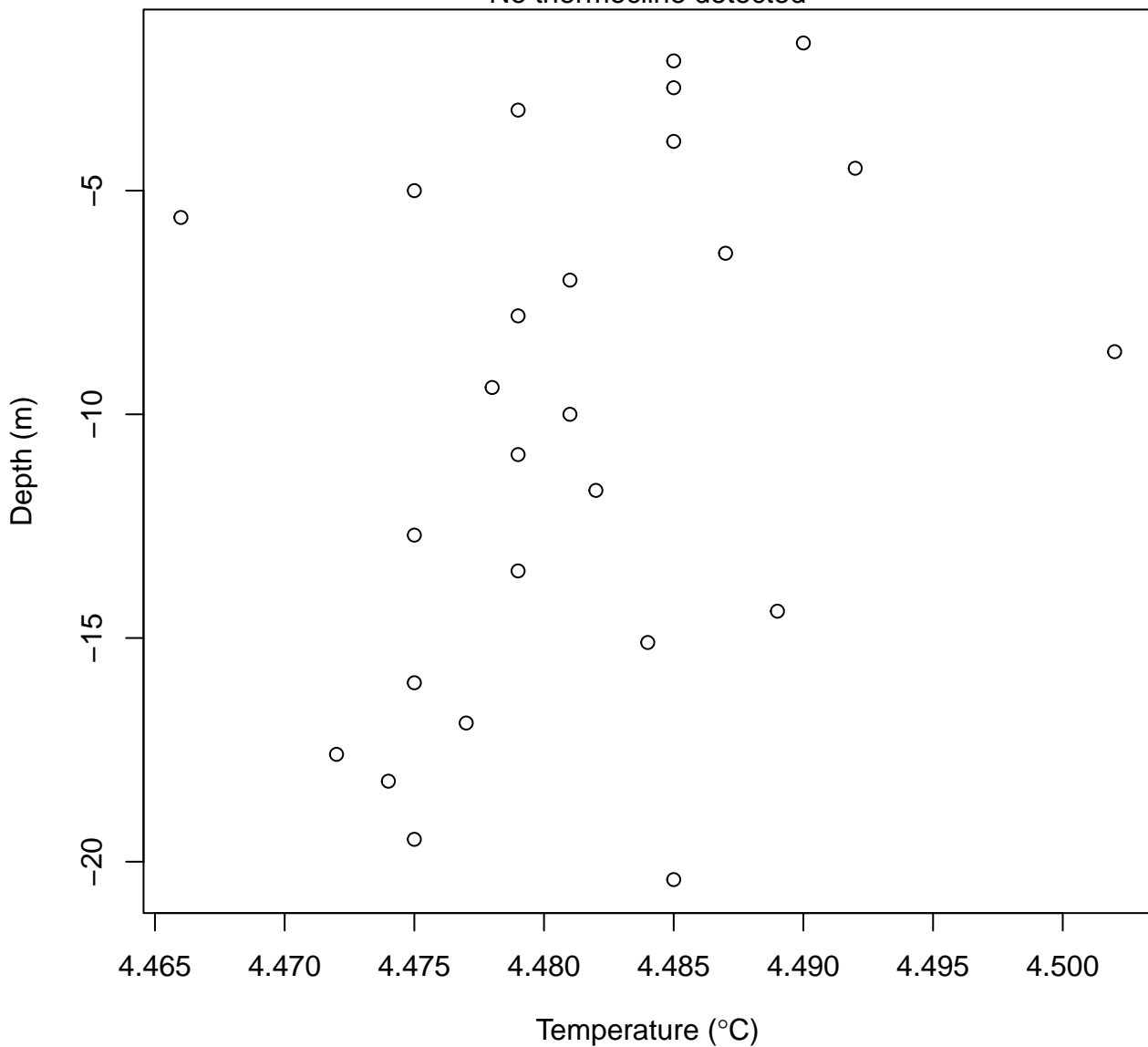
Vessel 176 Cruise 202201 Haul 30

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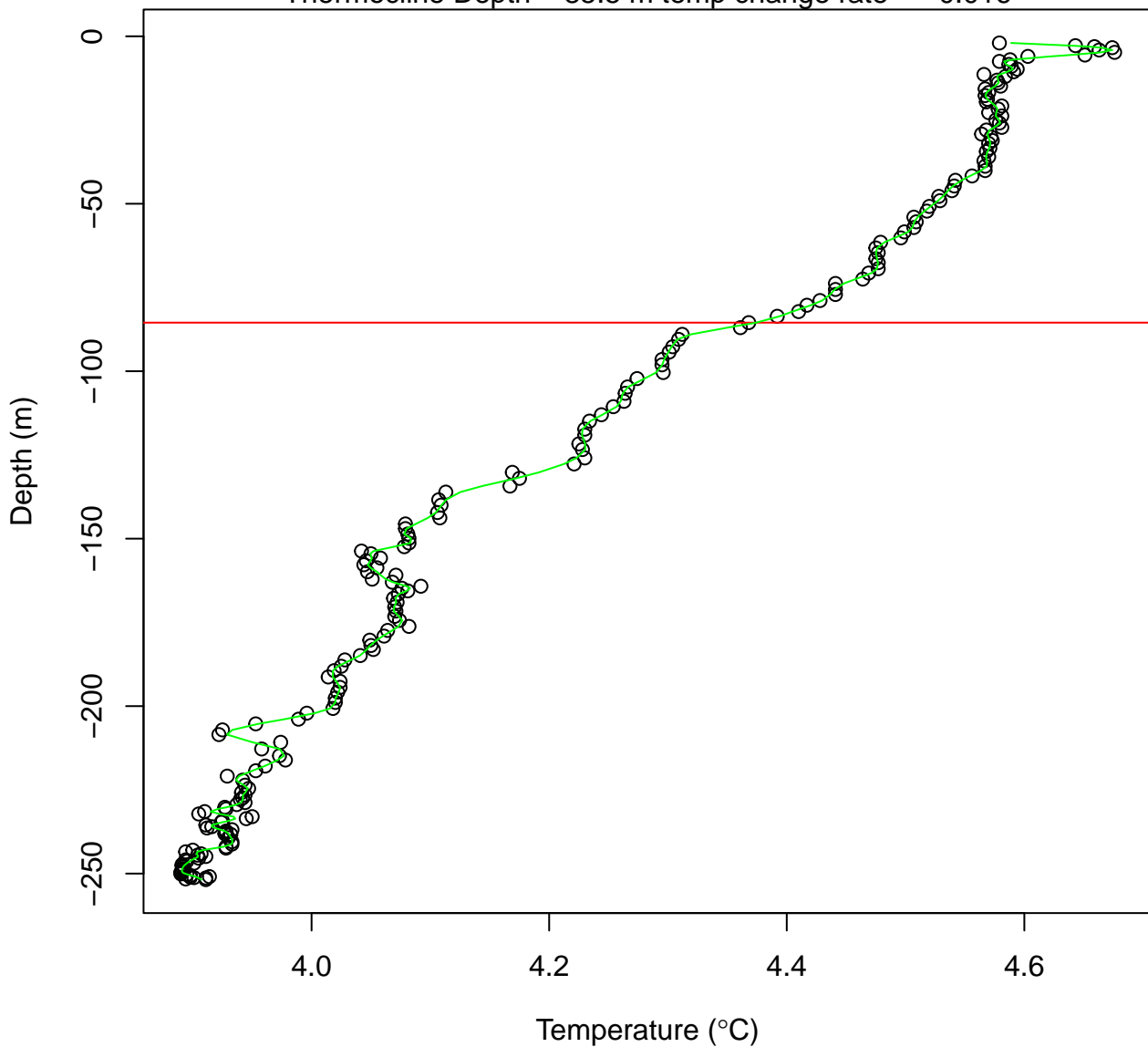
Vessel 176 Cruise 202201 Haul 31

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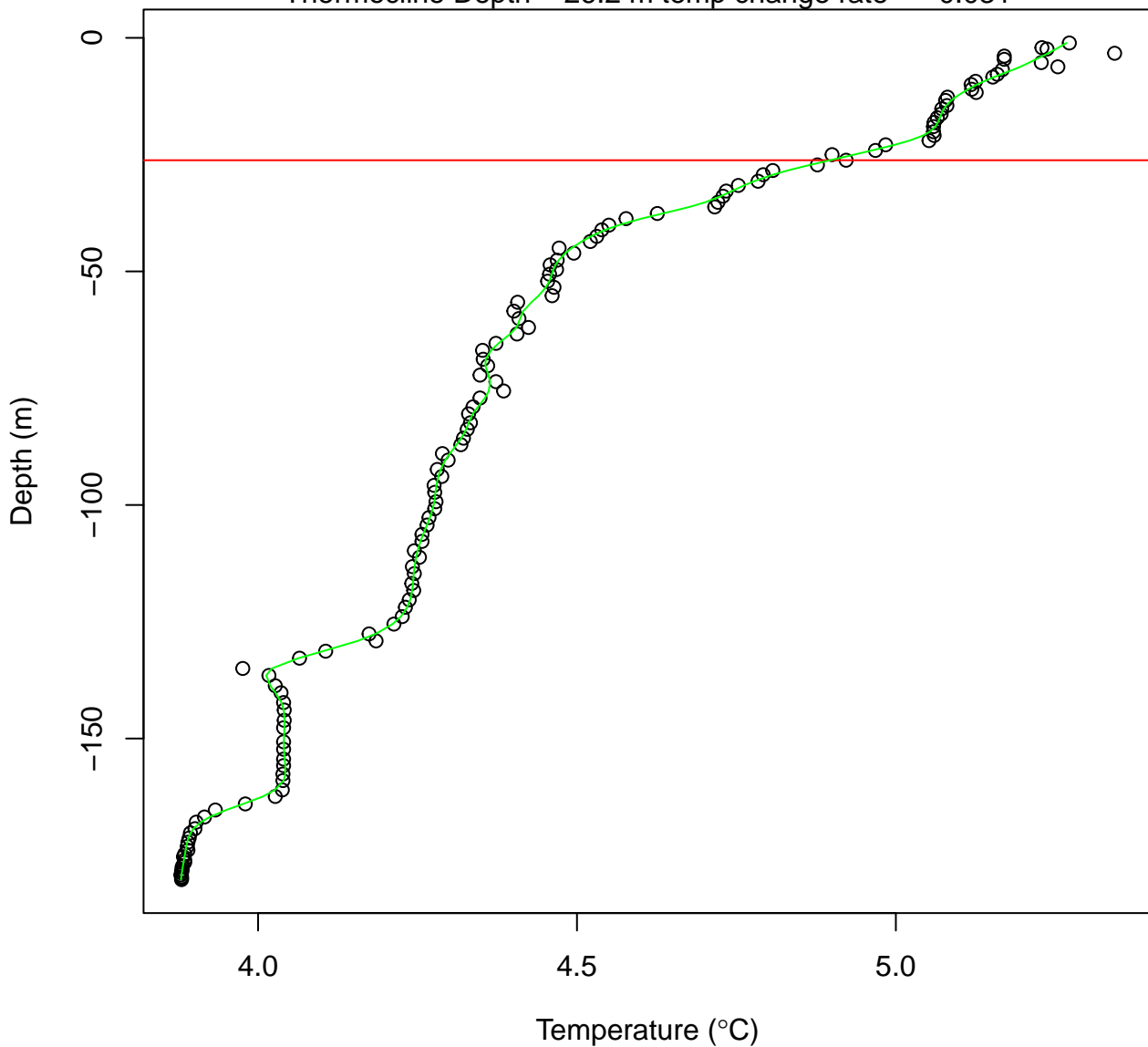
Vessel 176 Cruise 202201 Haul 32

Thermocline Depth = 85.5 m temp change rate = -0.016



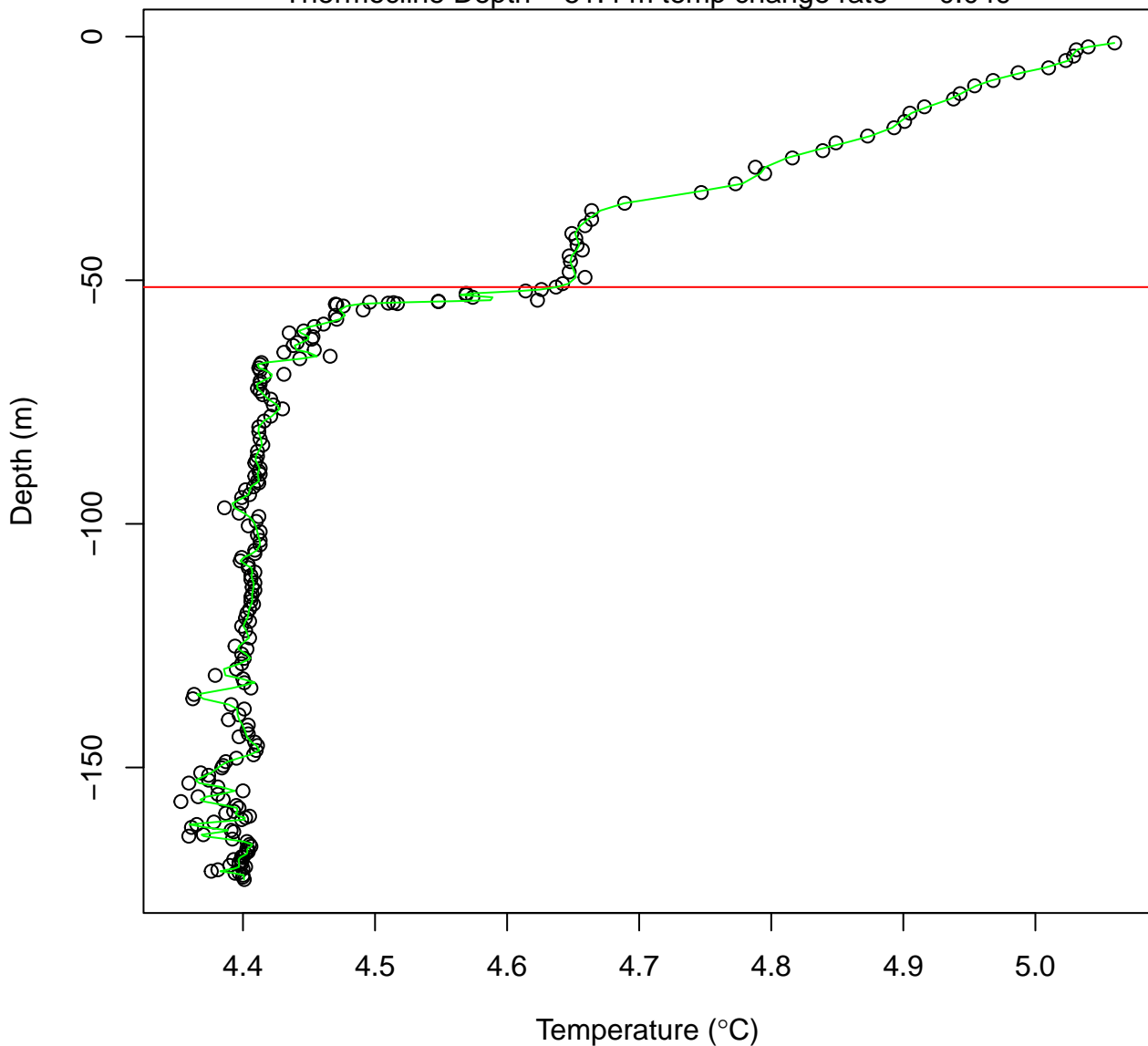
Vessel 176 Cruise 202201 Haul 33

Thermocline Depth = 26.2 m temp change rate = -0.031



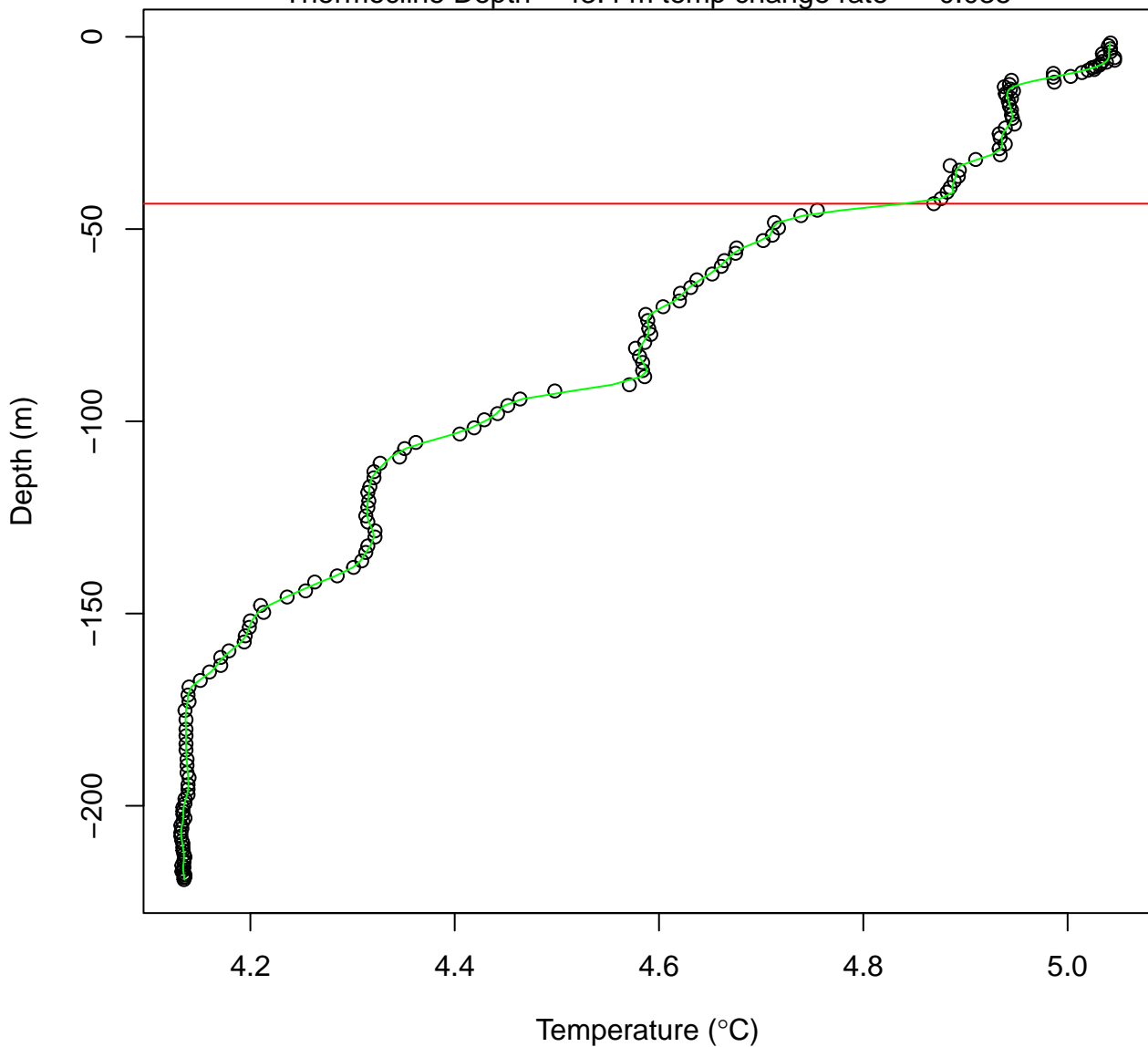
Vessel 176 Cruise 202201 Haul 34

Thermocline Depth = 51.4 m temp change rate = -0.049



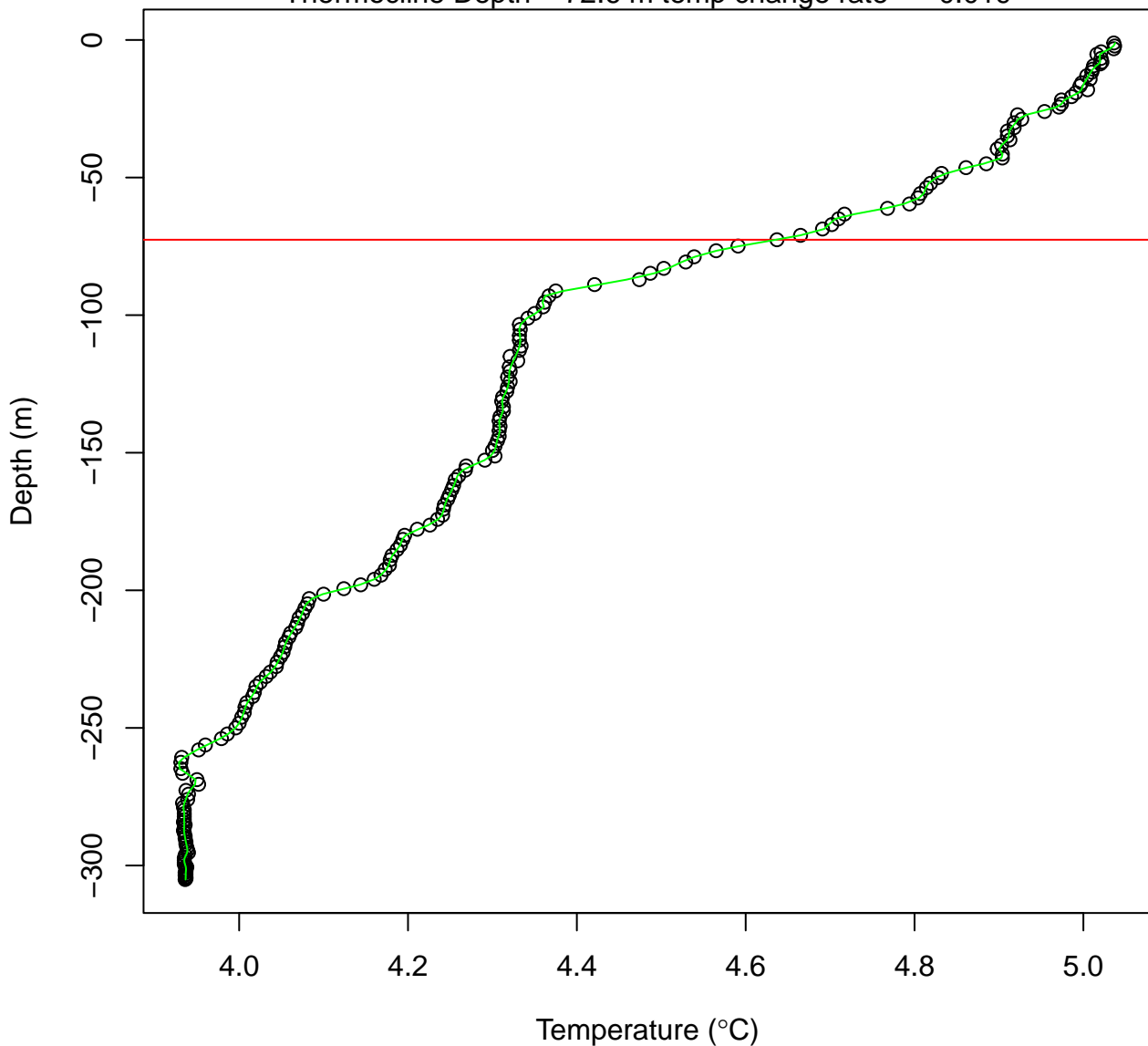
Vessel 176 Cruise 202201 Haul 35

Thermocline Depth = 43.4 m temp change rate = -0.035



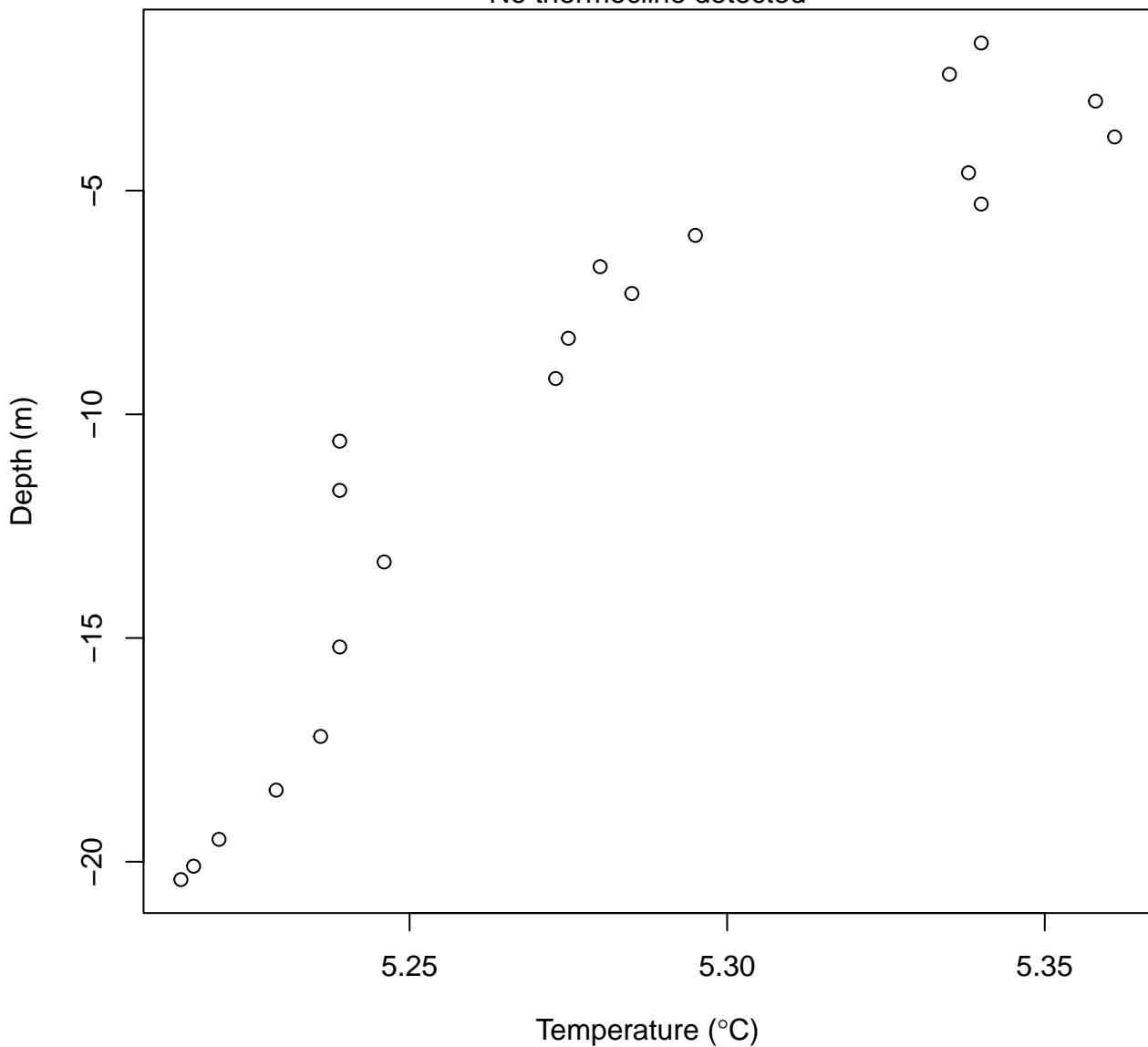
Vessel 176 Cruise 202201 Haul 36

Thermocline Depth = 72.6 m temp change rate = -0.019



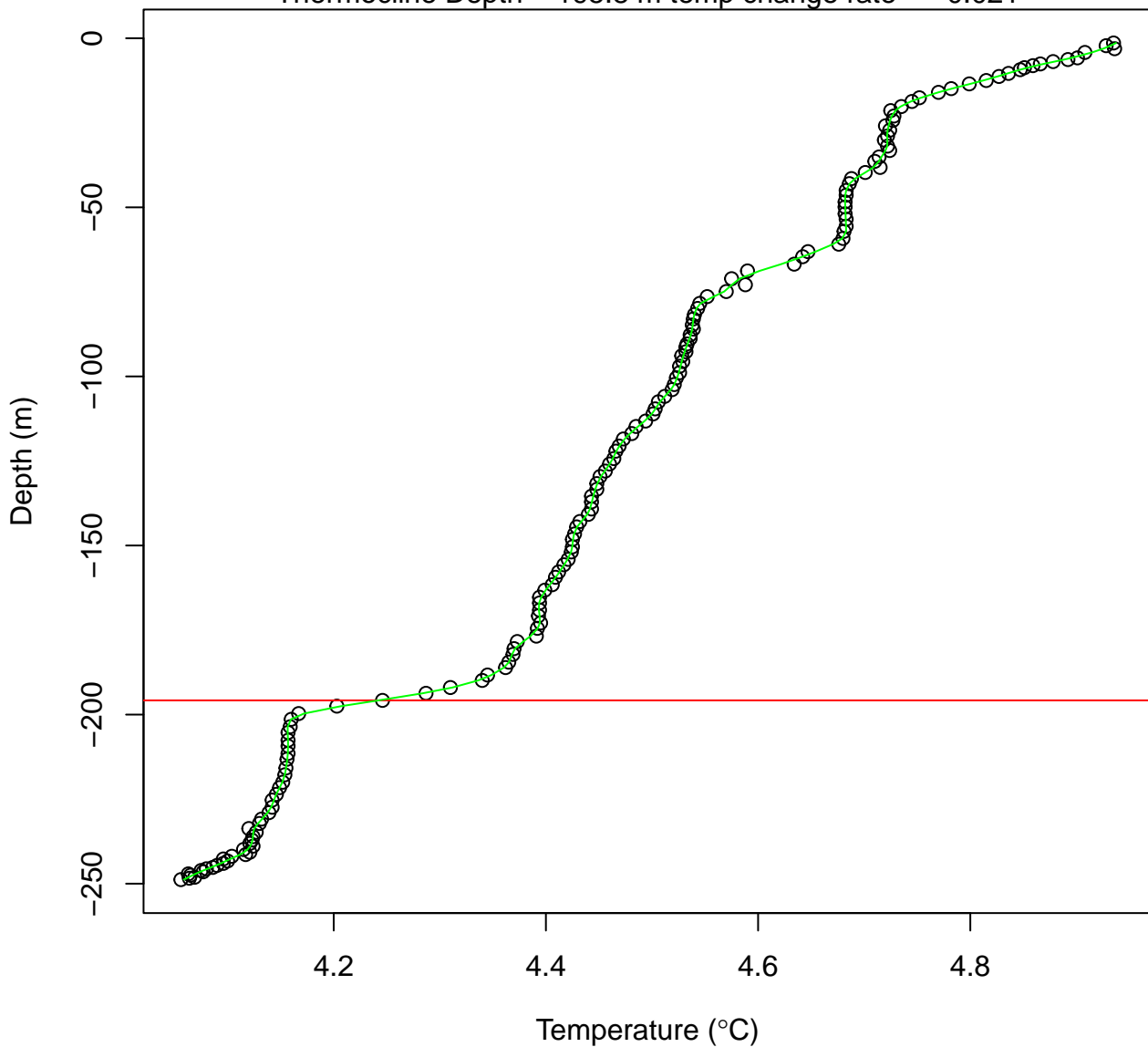
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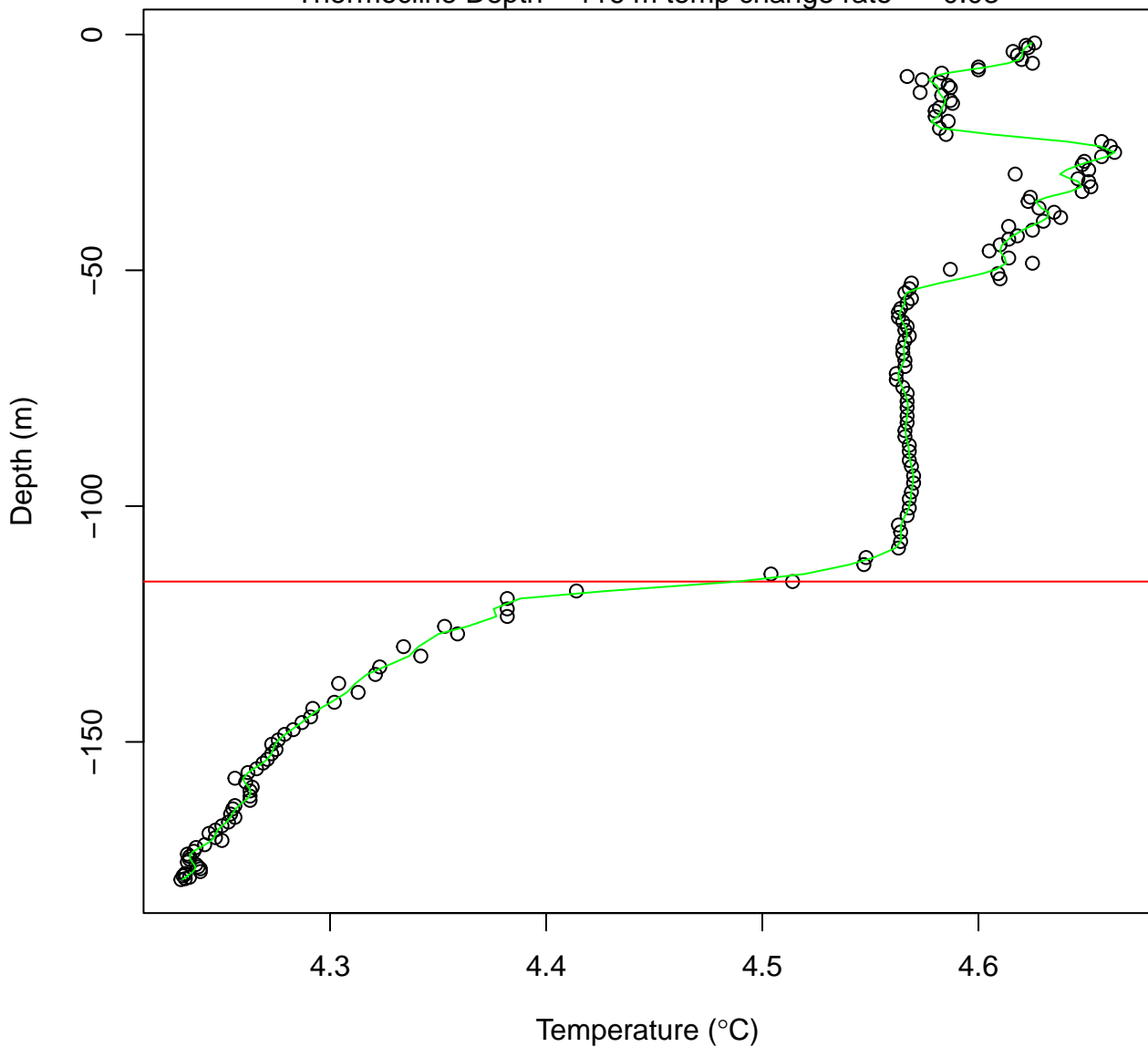
Vessel 176 Cruise 202201 Haul 39

Thermocline Depth = 195.8 m temp change rate = -0.021



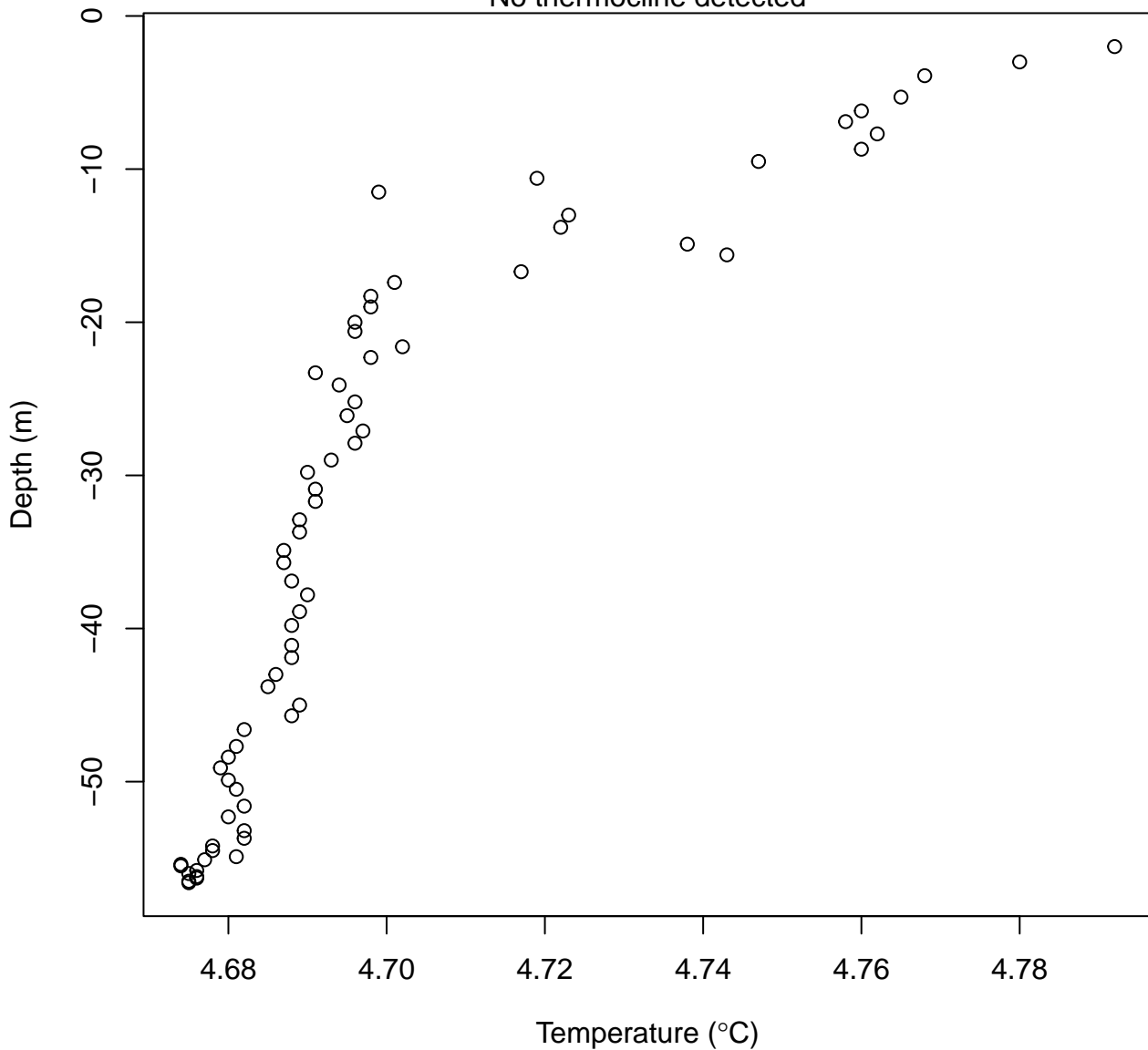
Vessel 176 Cruise 202201 Haul 40

Thermocline Depth = 116 m temp change rate = -0.03



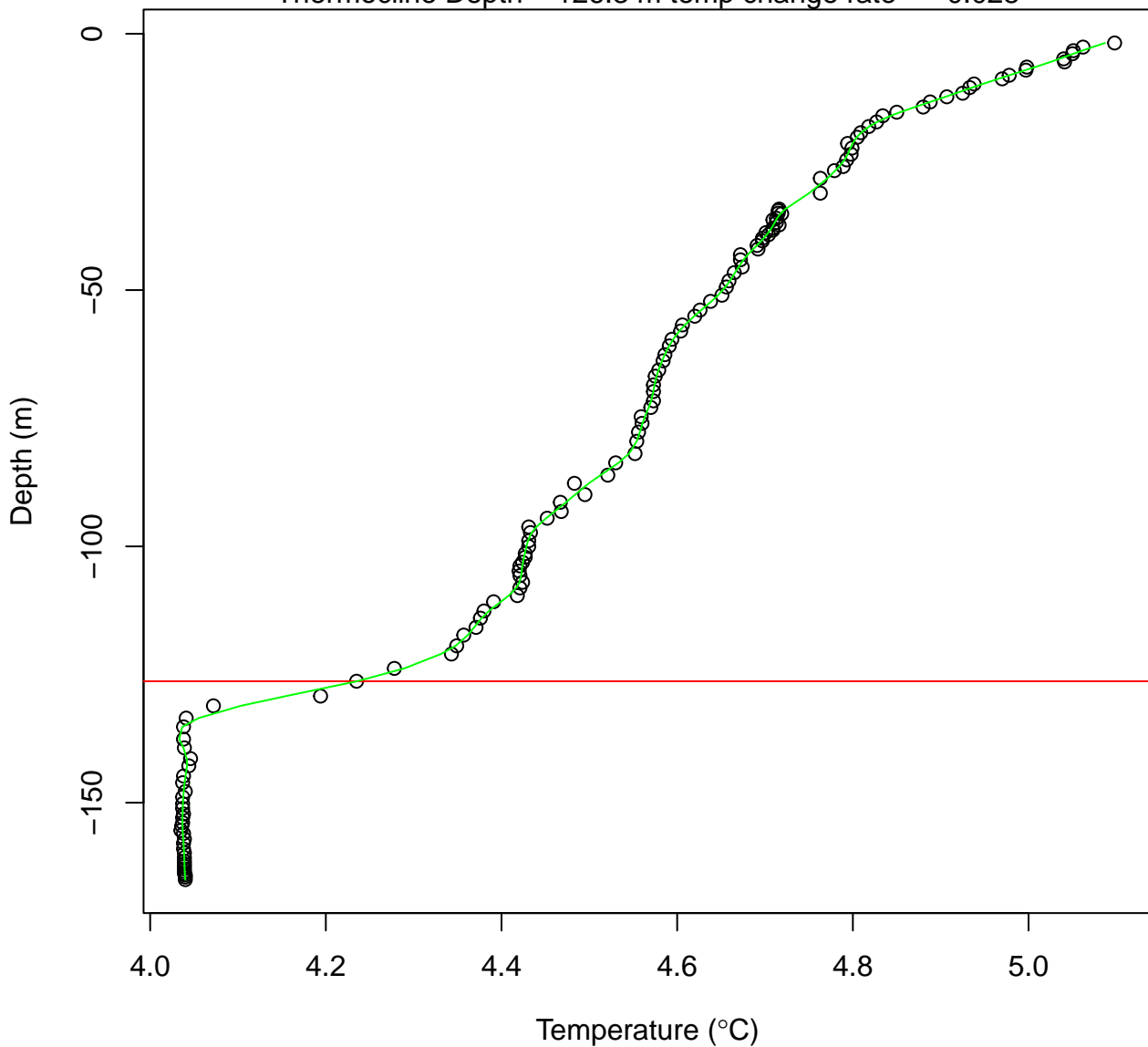
Vessel 176 Cruise 202201 Haul 41

No thermocline detected



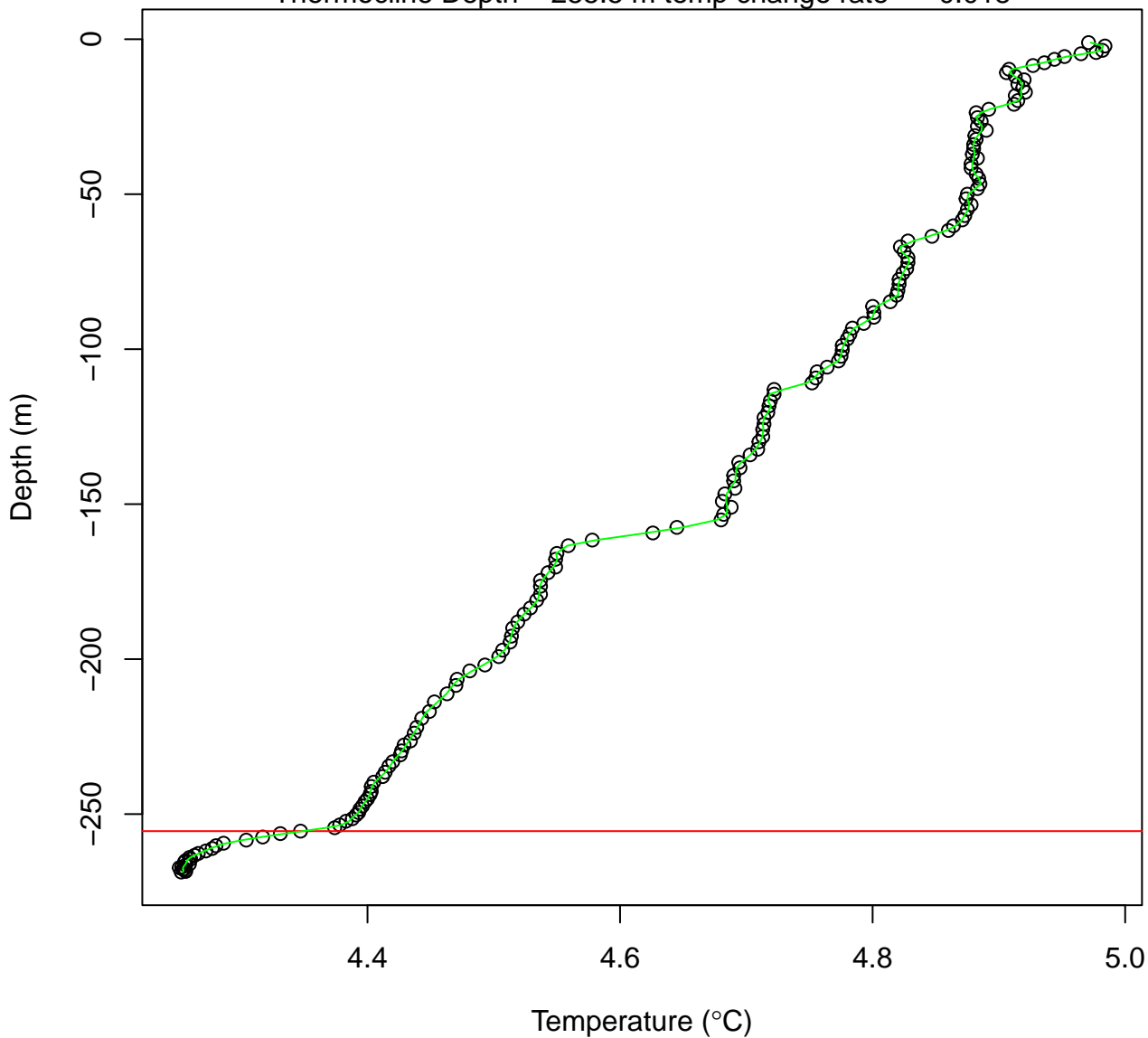
Vessel 176 Cruise 202201 Haul 42

Thermocline Depth = 126.3 m temp change rate = -0.028



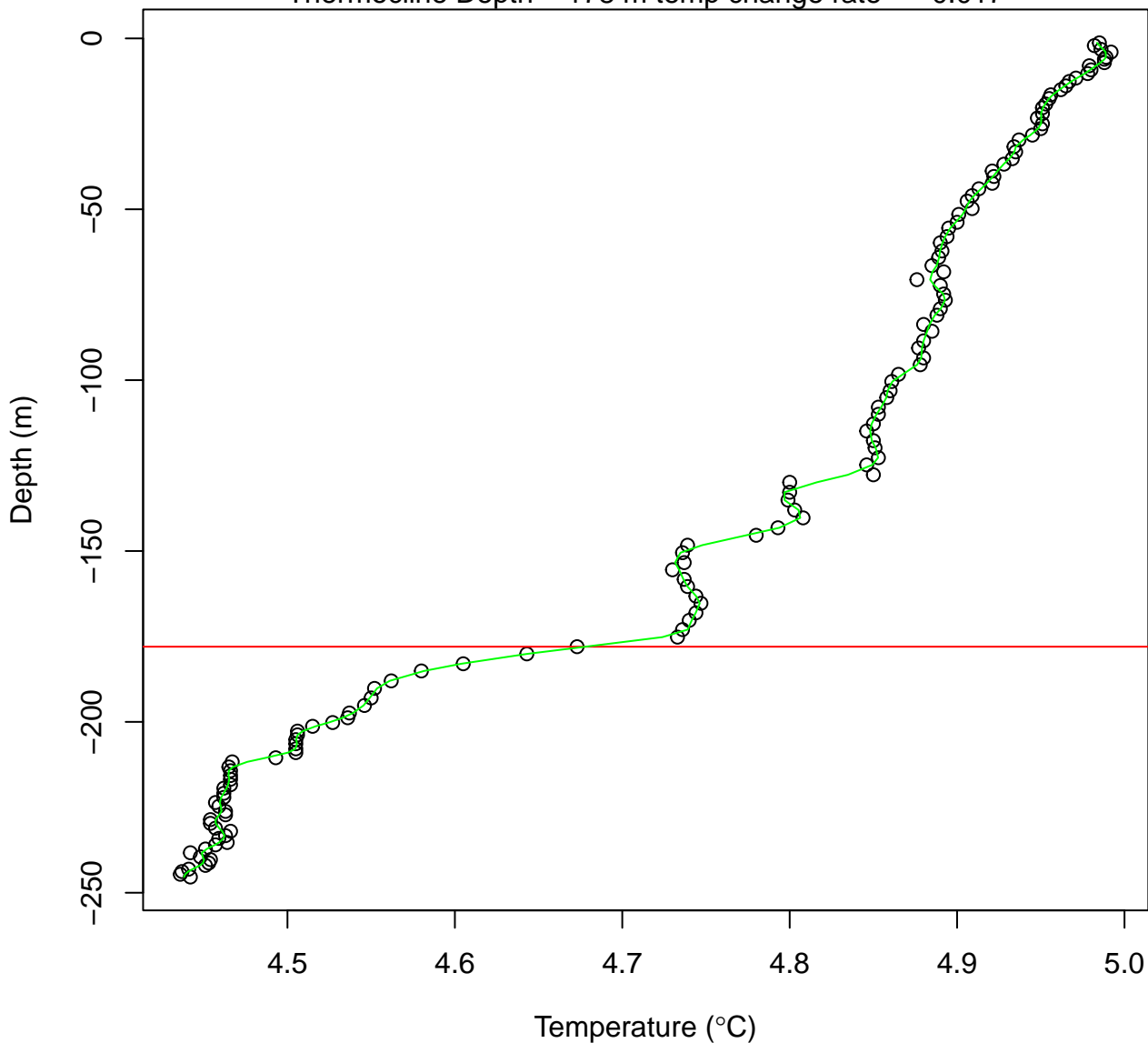
Vessel 176 Cruise 202201 Haul 43

Thermocline Depth = 255.5 m temp change rate = -0.018



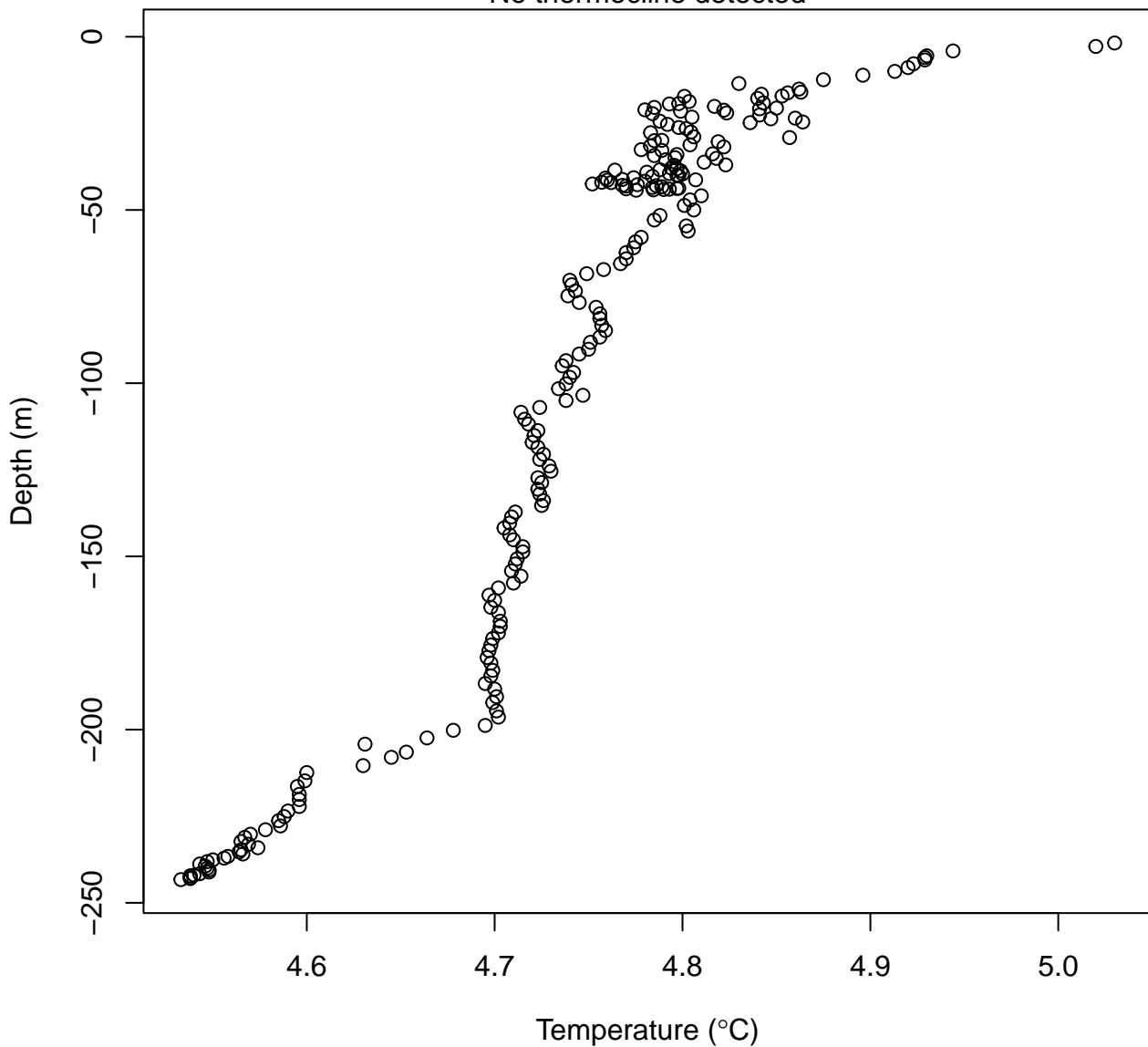
Vessel 176 Cruise 202201 Haul 44

Thermocline Depth = 178 m temp change rate = -0.017



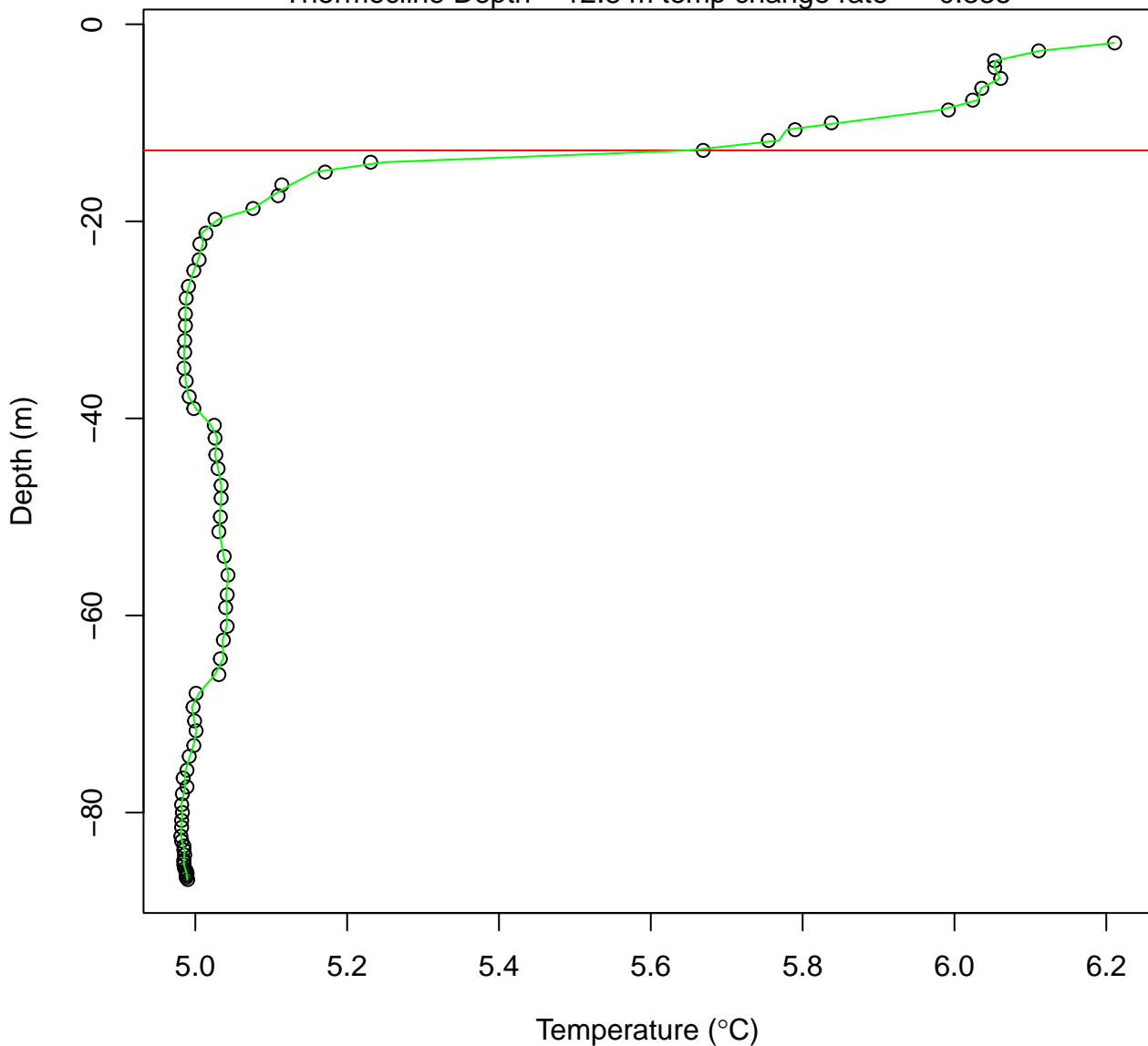
Vessel 176 Cruise 202201 Haul 45

No thermocline detected



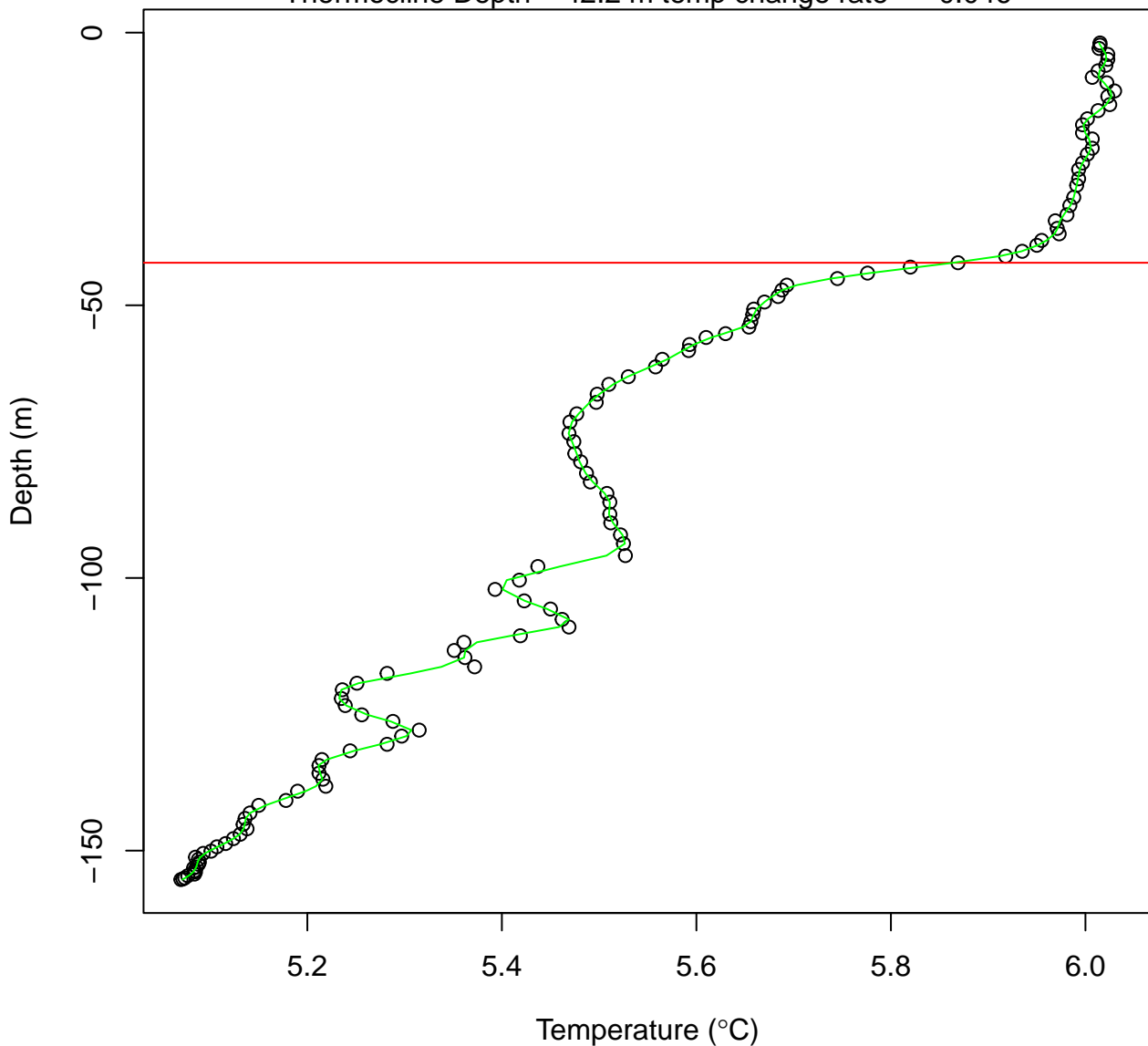
Vessel 176 Cruise 202201 Haul 46

Thermocline Depth = 12.8 m temp change rate = -0.335



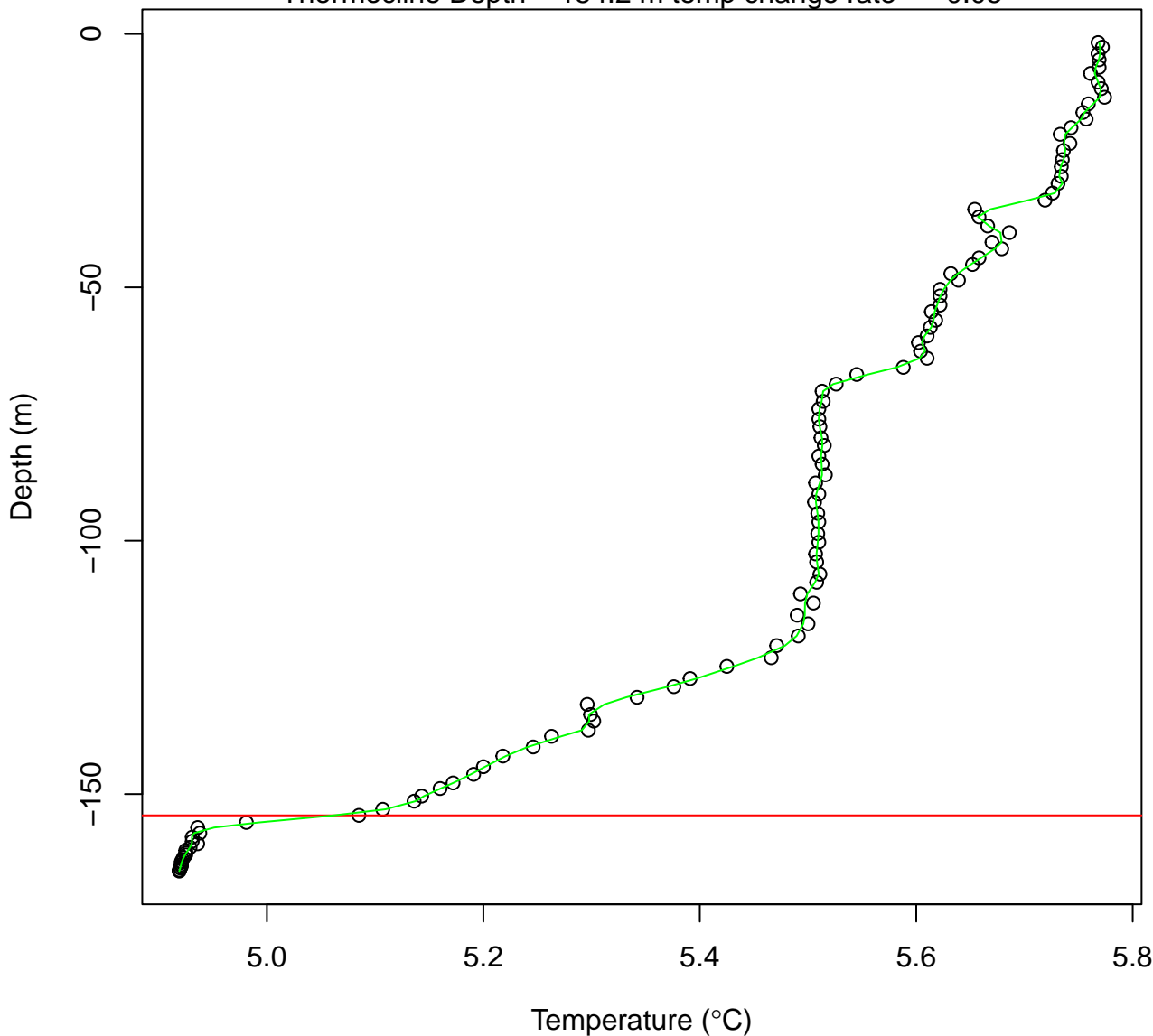
Vessel 176 Cruise 202201 Haul 47

Thermocline Depth = 42.2 m temp change rate = -0.046



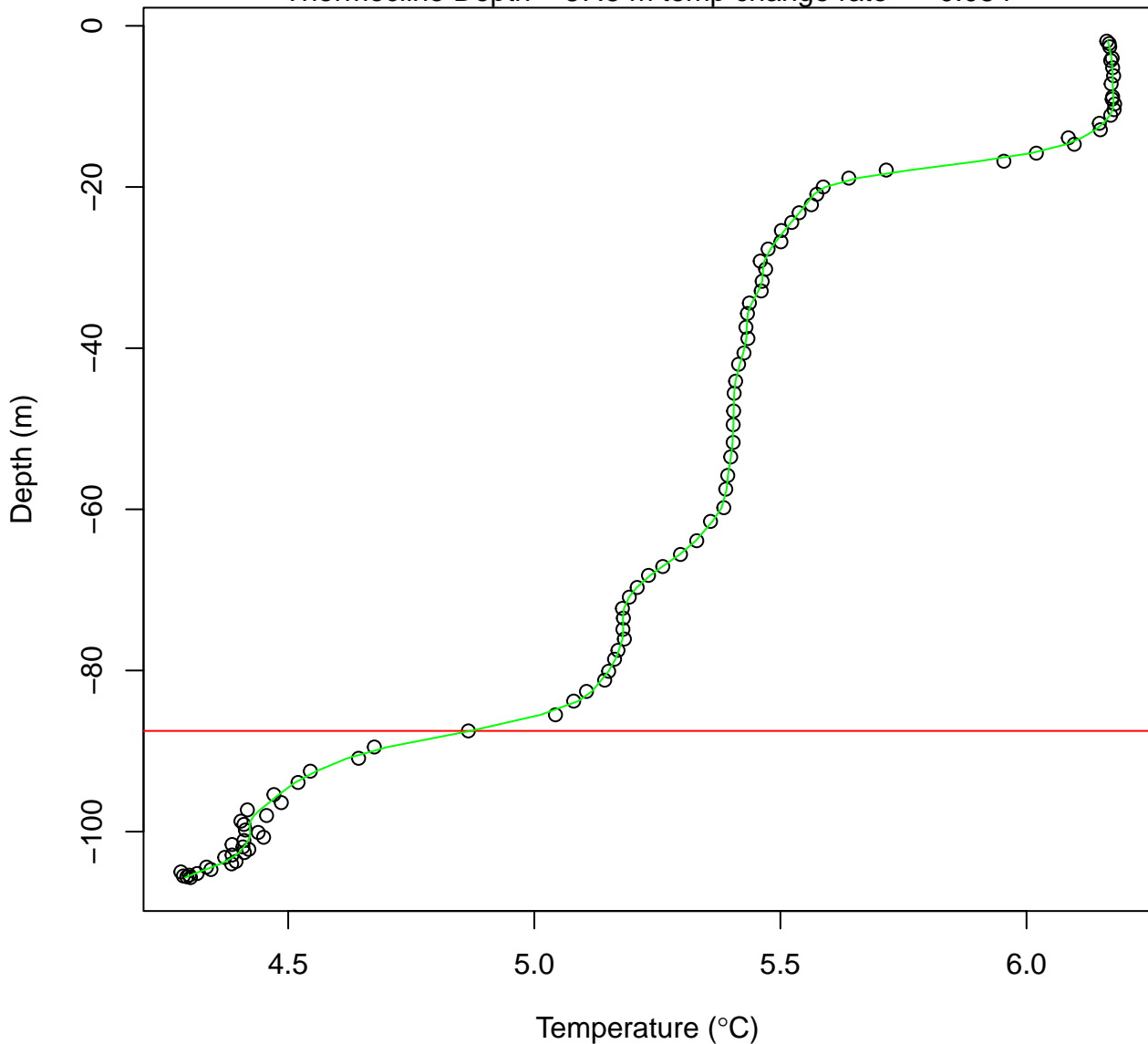
Vessel 176 Cruise 202201 Haul 48

Thermocline Depth = 154.2 m temp change rate = -0.05



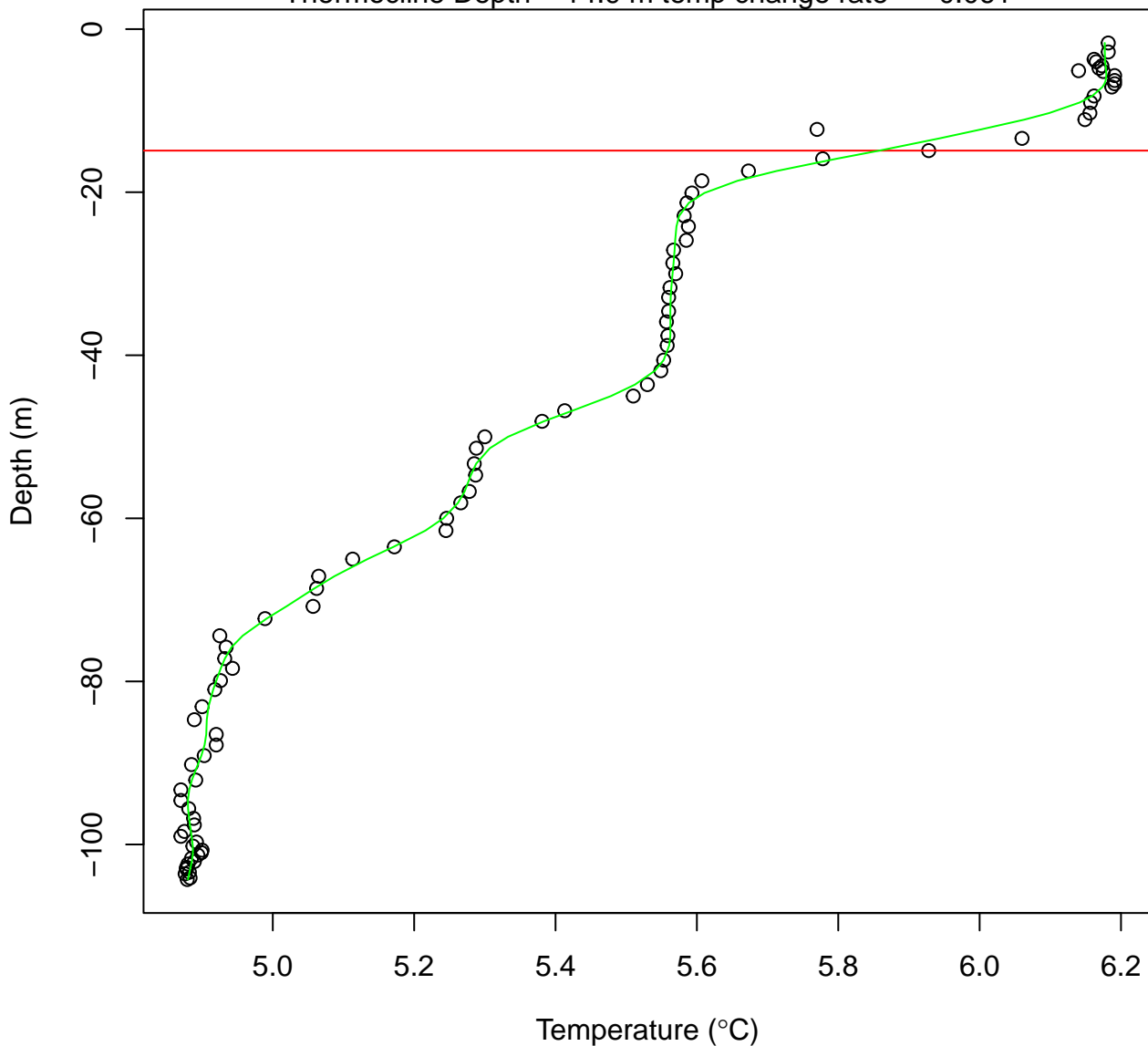
Vessel 176 Cruise 202201 Haul 49

Thermocline Depth = 87.5 m temp change rate = -0.084



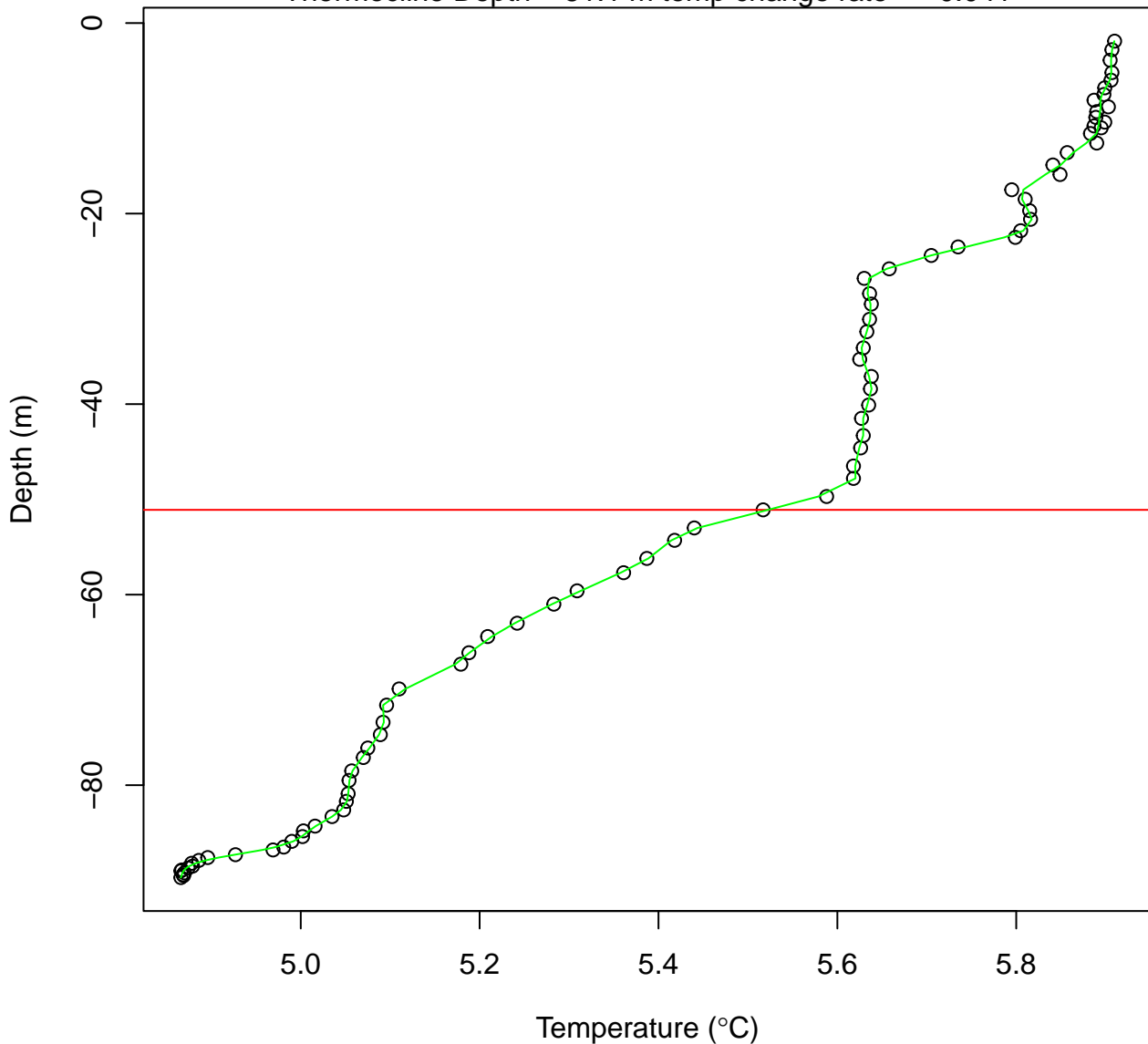
Vessel 176 Cruise 202201 Haul 50

Thermocline Depth = 14.9 m temp change rate = -0.061



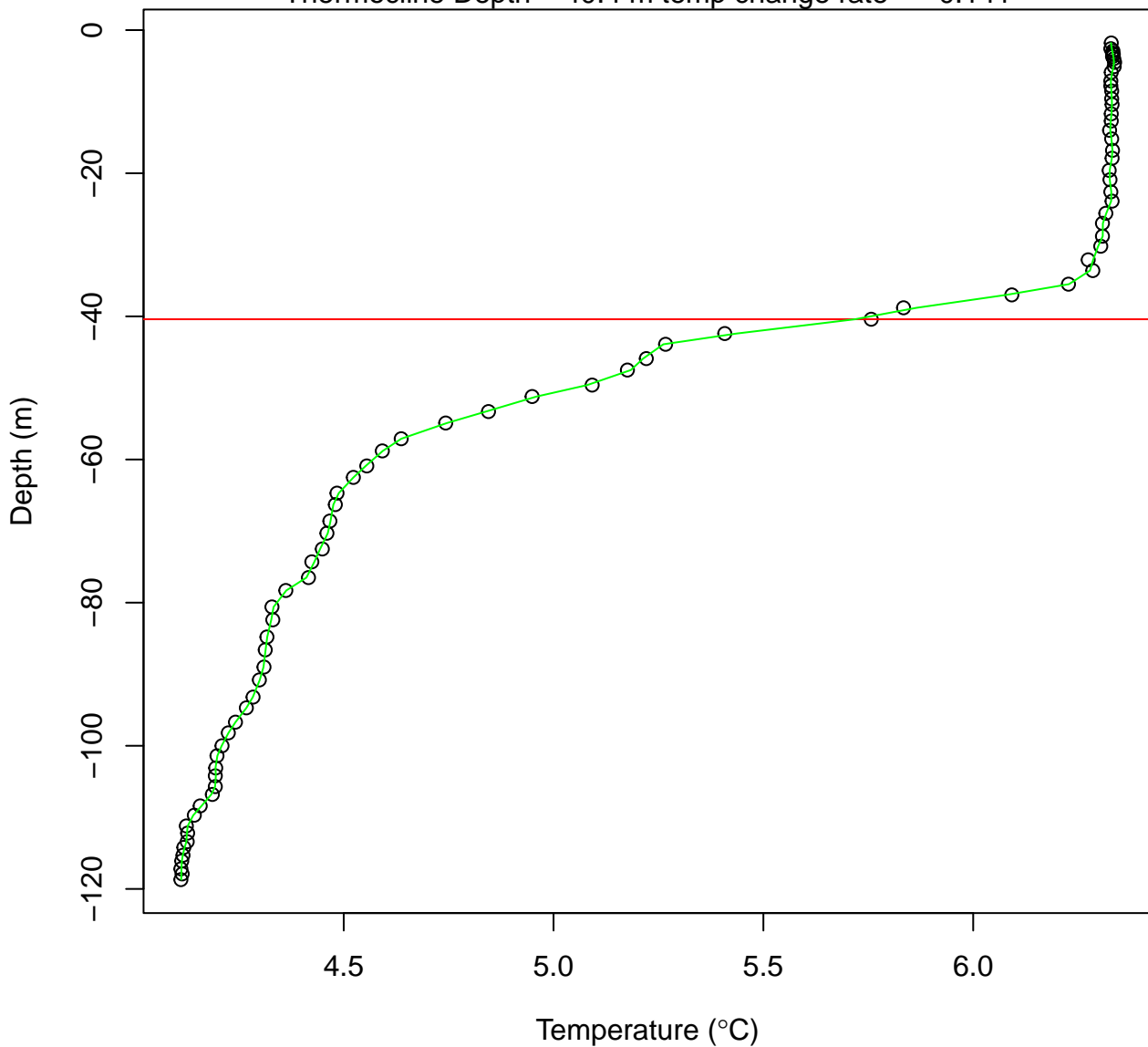
Vessel 176 Cruise 202201 Haul 51

Thermocline Depth = 51.1 m temp change rate = -0.041



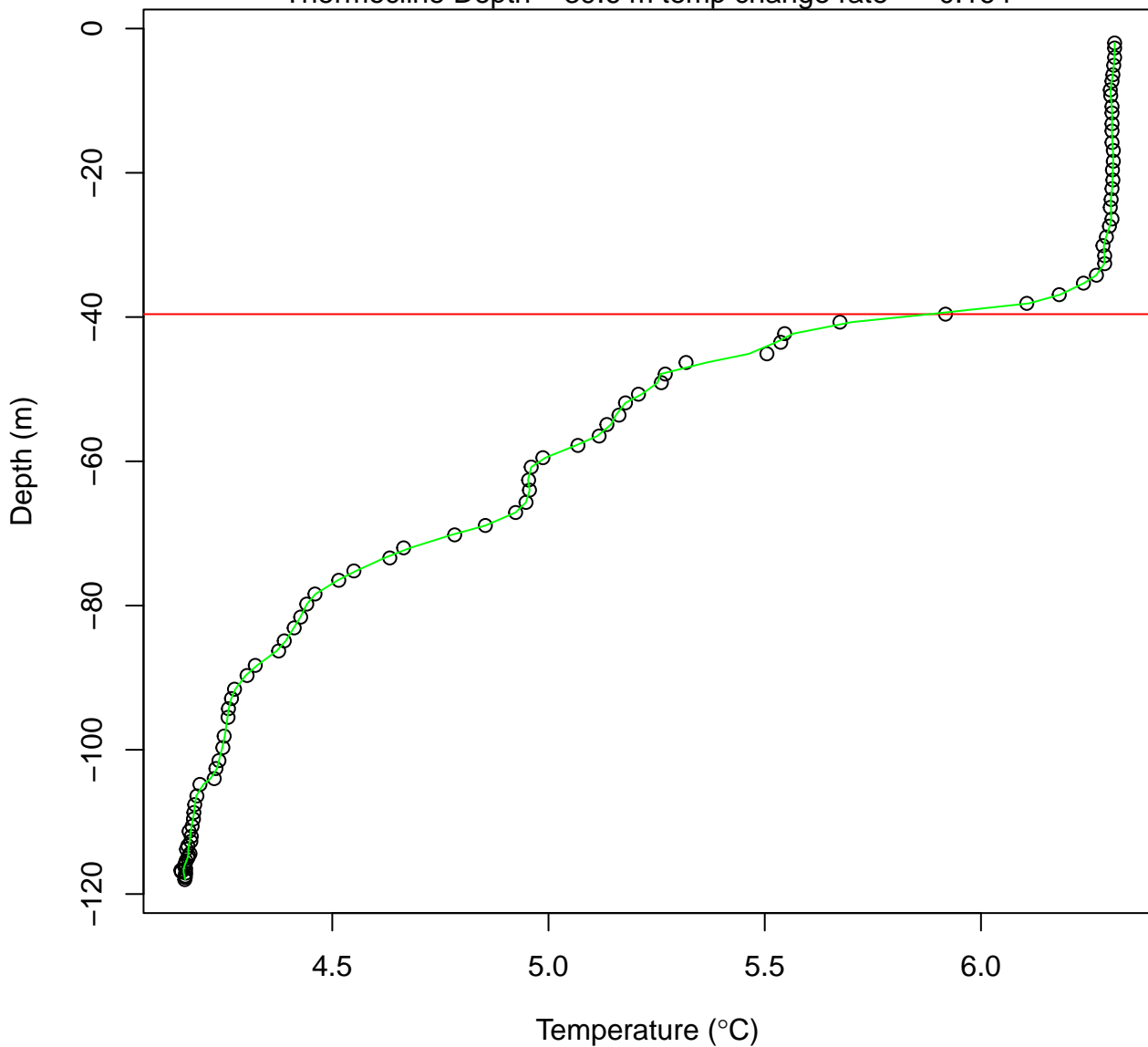
Vessel 176 Cruise 202201 Haul 52

Thermocline Depth = 40.4 m temp change rate = -0.141



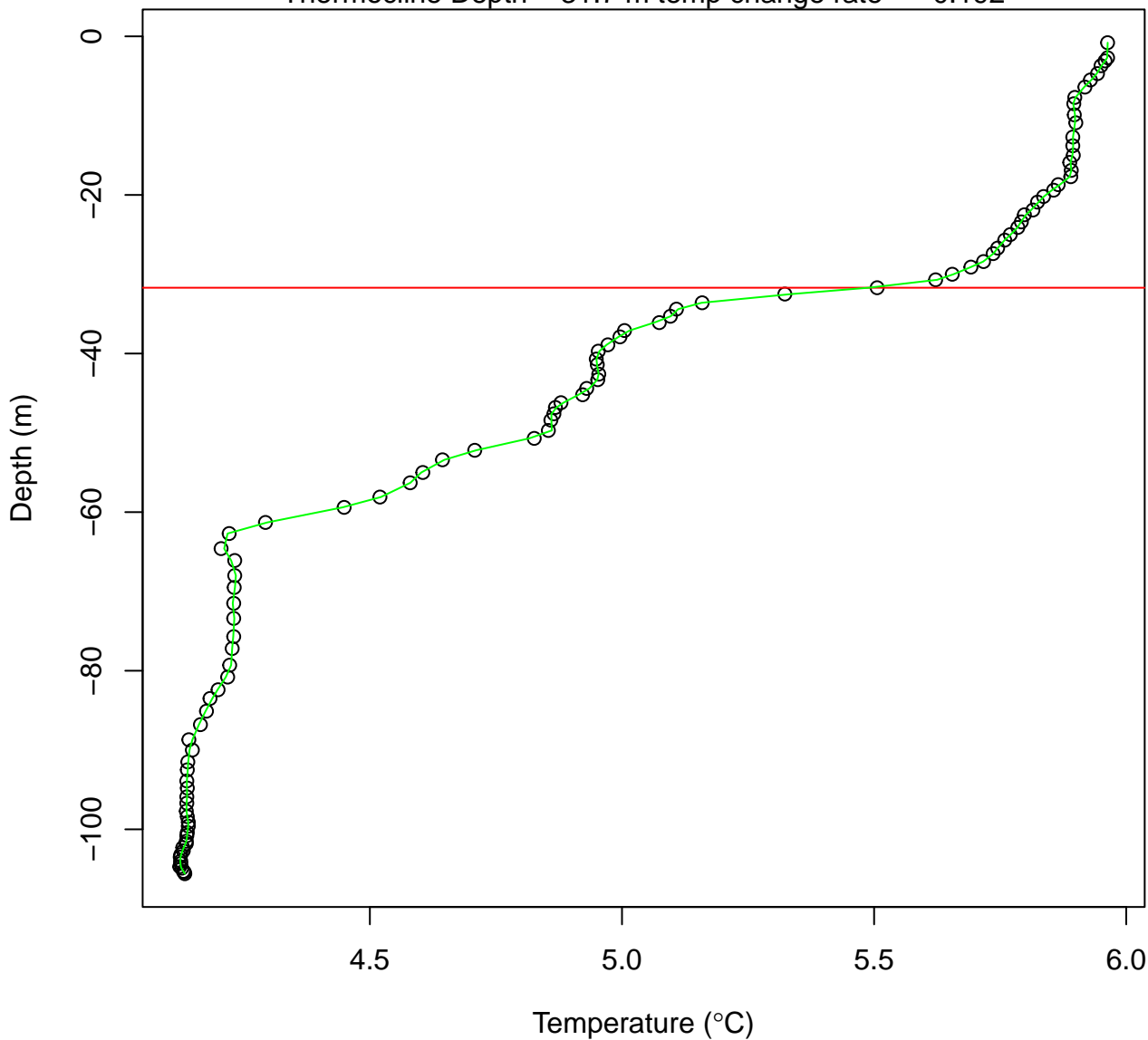
Vessel 176 Cruise 202201 Haul 53

Thermocline Depth = 39.6 m temp change rate = -0.164



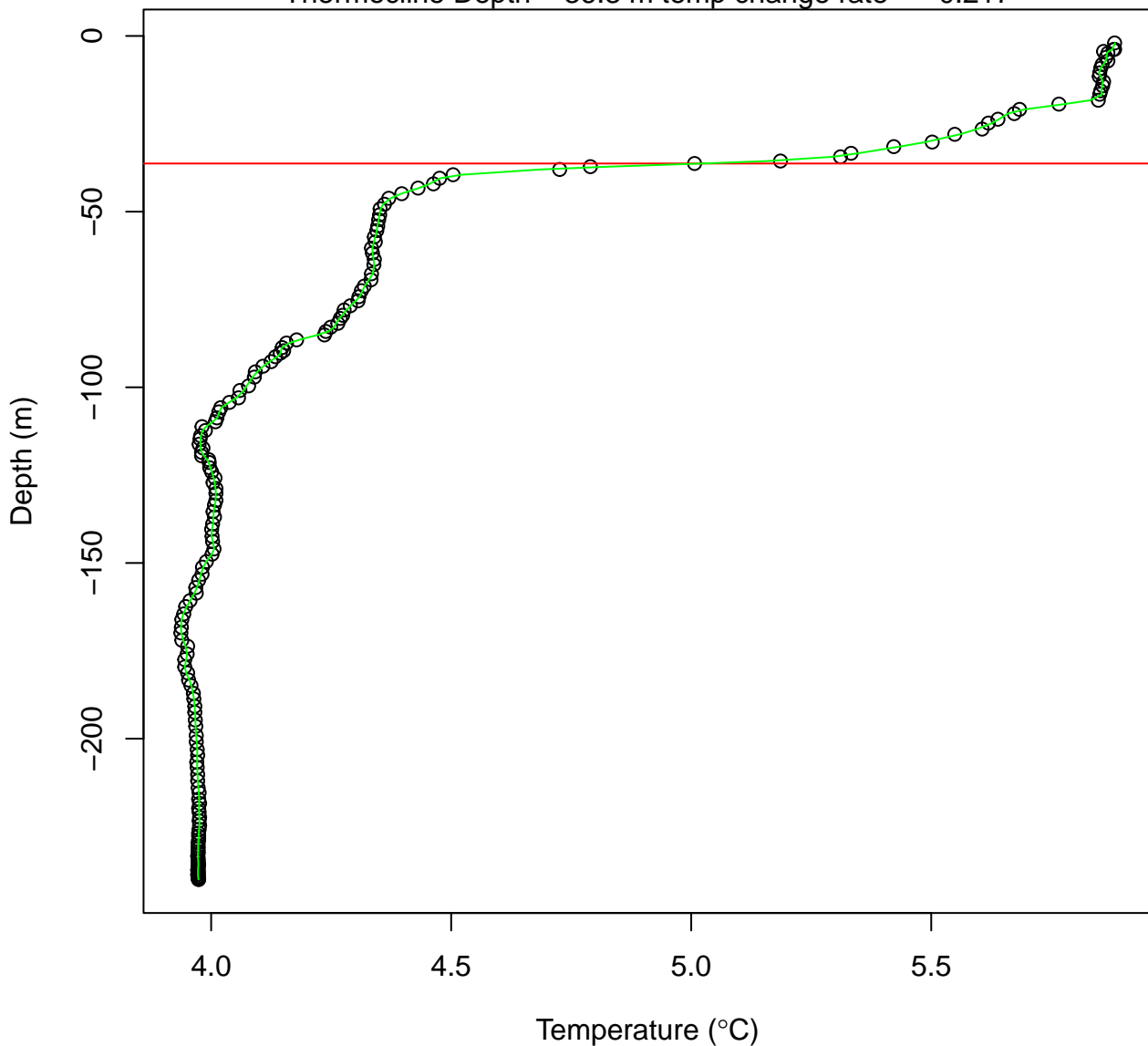
Vessel 176 Cruise 202201 Haul 54

Thermocline Depth = 31.7 m temp change rate = -0.192



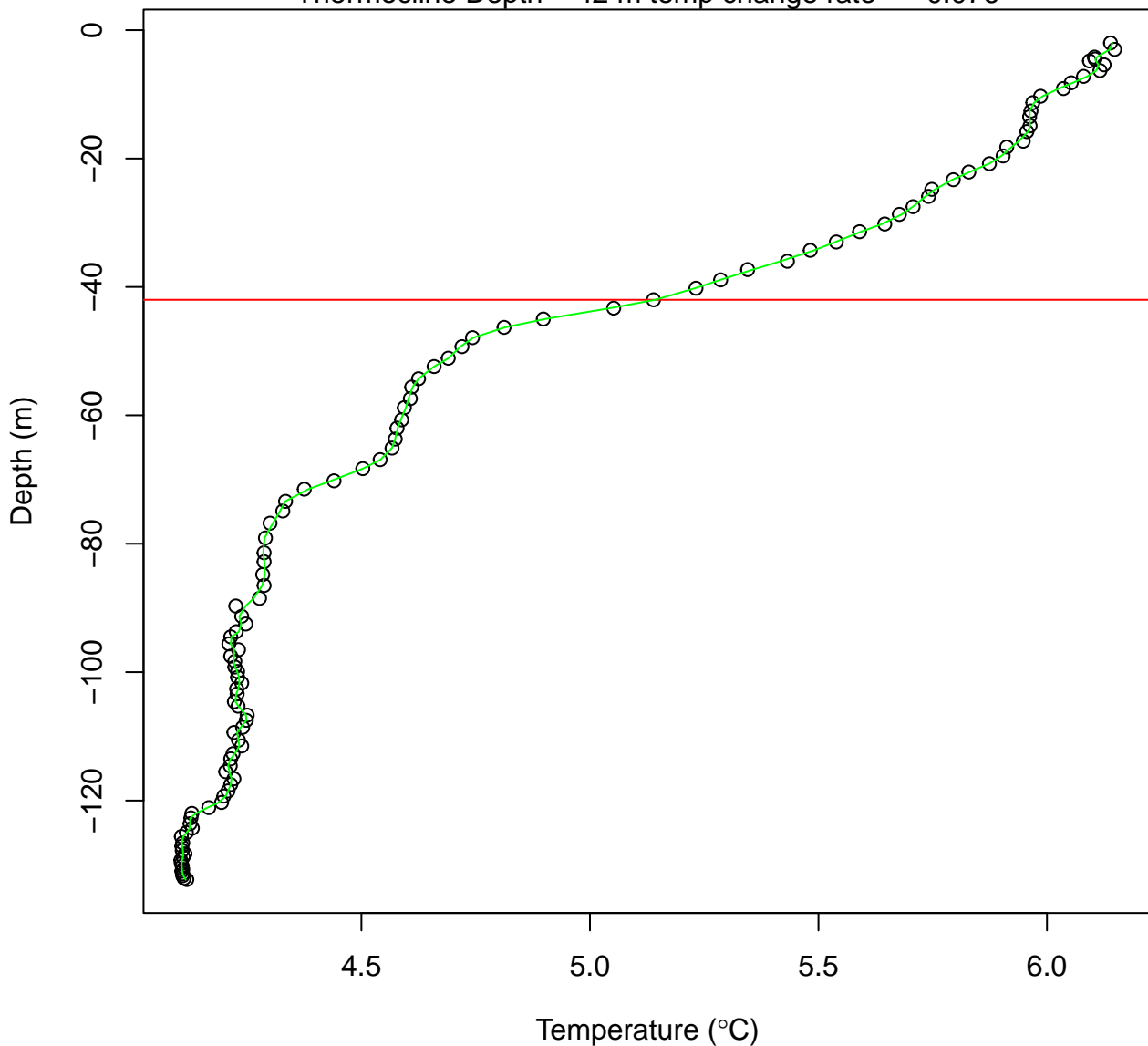
Vessel 176 Cruise 202201 Haul 55

Thermocline Depth = 36.3 m temp change rate = -0.217



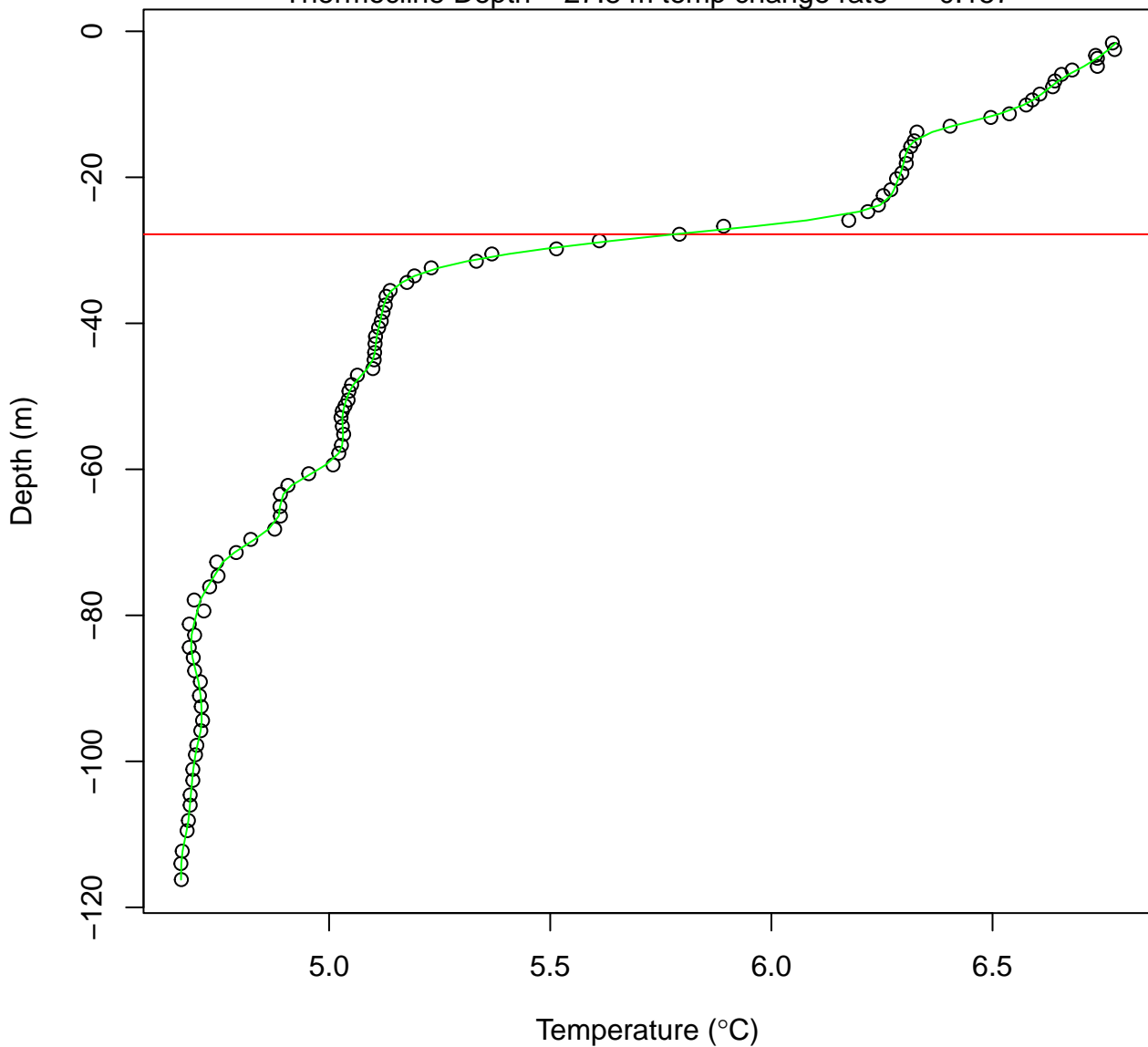
Vessel 176 Cruise 202201 Haul 56

Thermocline Depth = 42 m temp change rate = -0.076



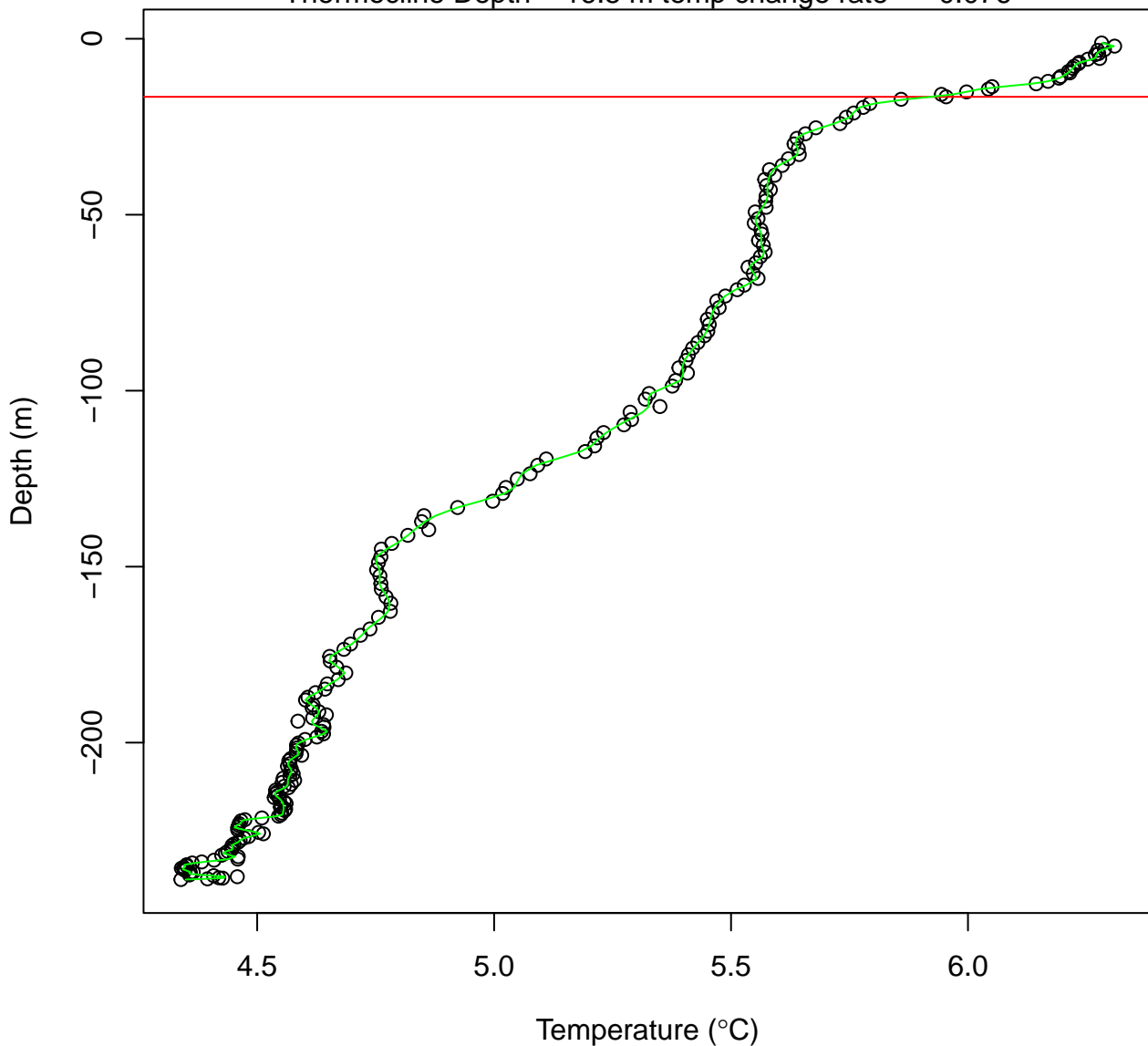
Vessel 176 Cruise 202201 Haul 57

Thermocline Depth = 27.8 m temp change rate = -0.157



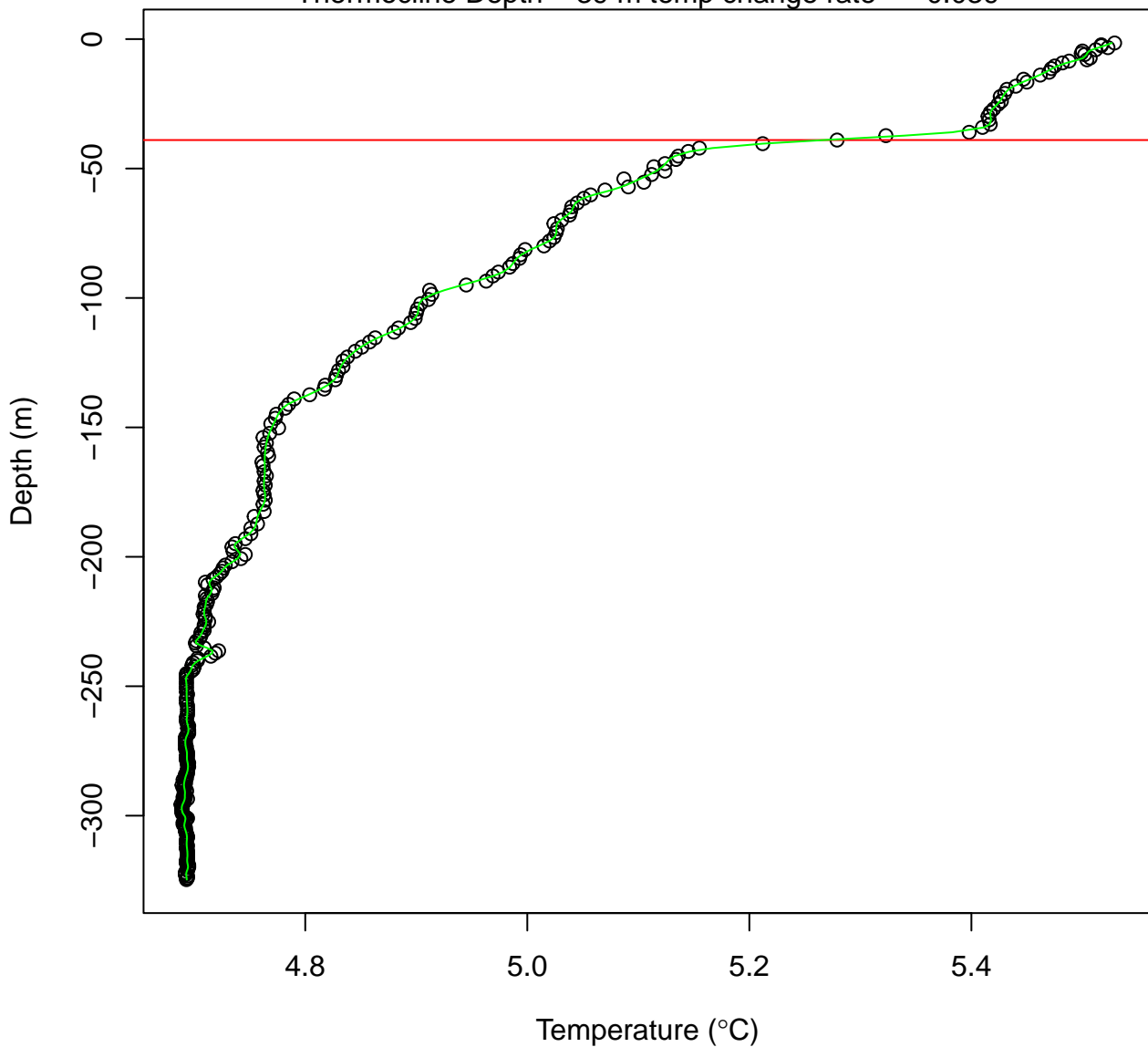
Vessel 176 Cruise 202201 Haul 58

Thermocline Depth = 16.5 m temp change rate = -0.076

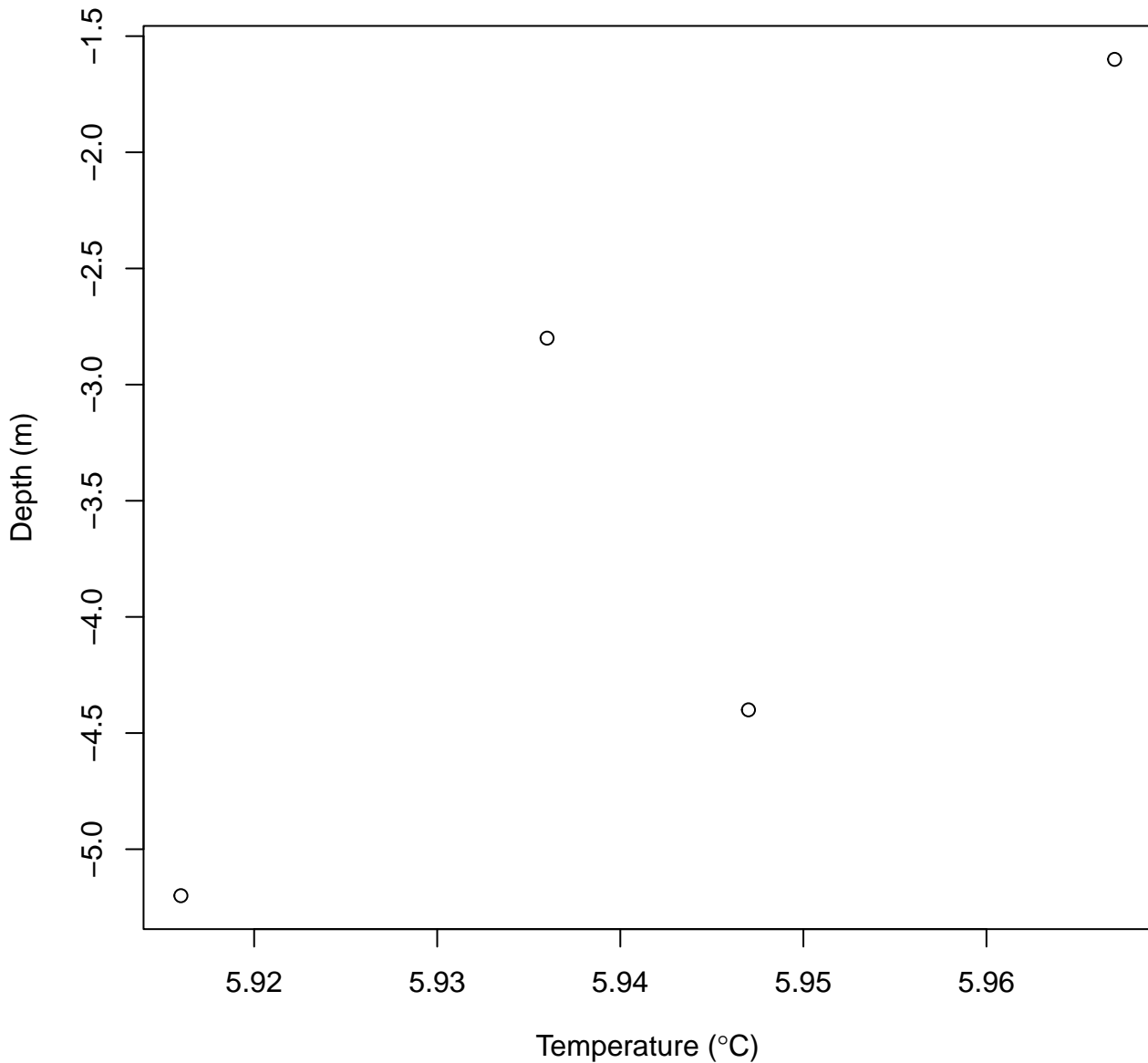


Vessel 176 Cruise 202201 Haul 59

Thermocline Depth = 39 m temp change rate = -0.039

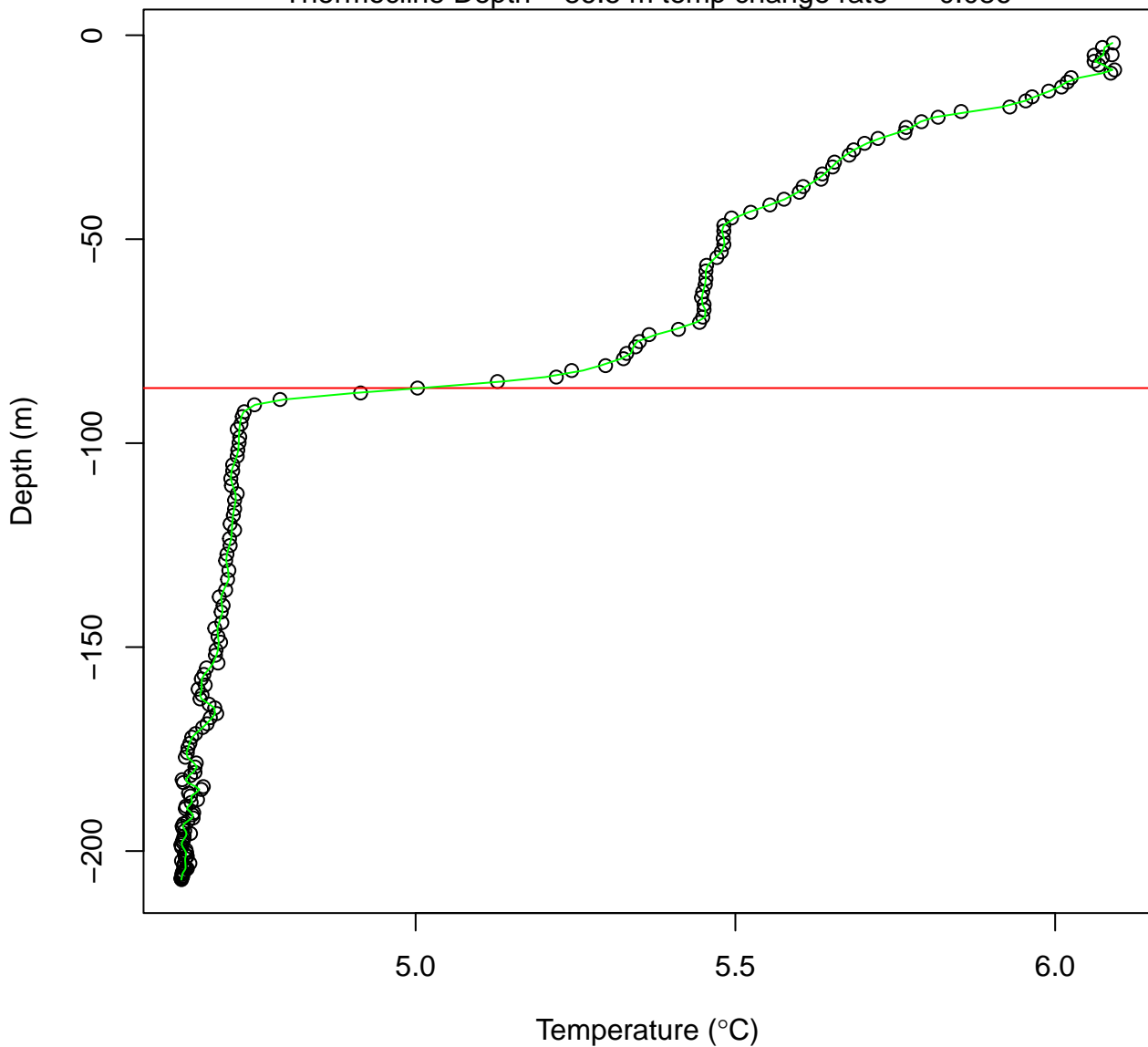


Vessel 176 Cruise 202201 Haul 60



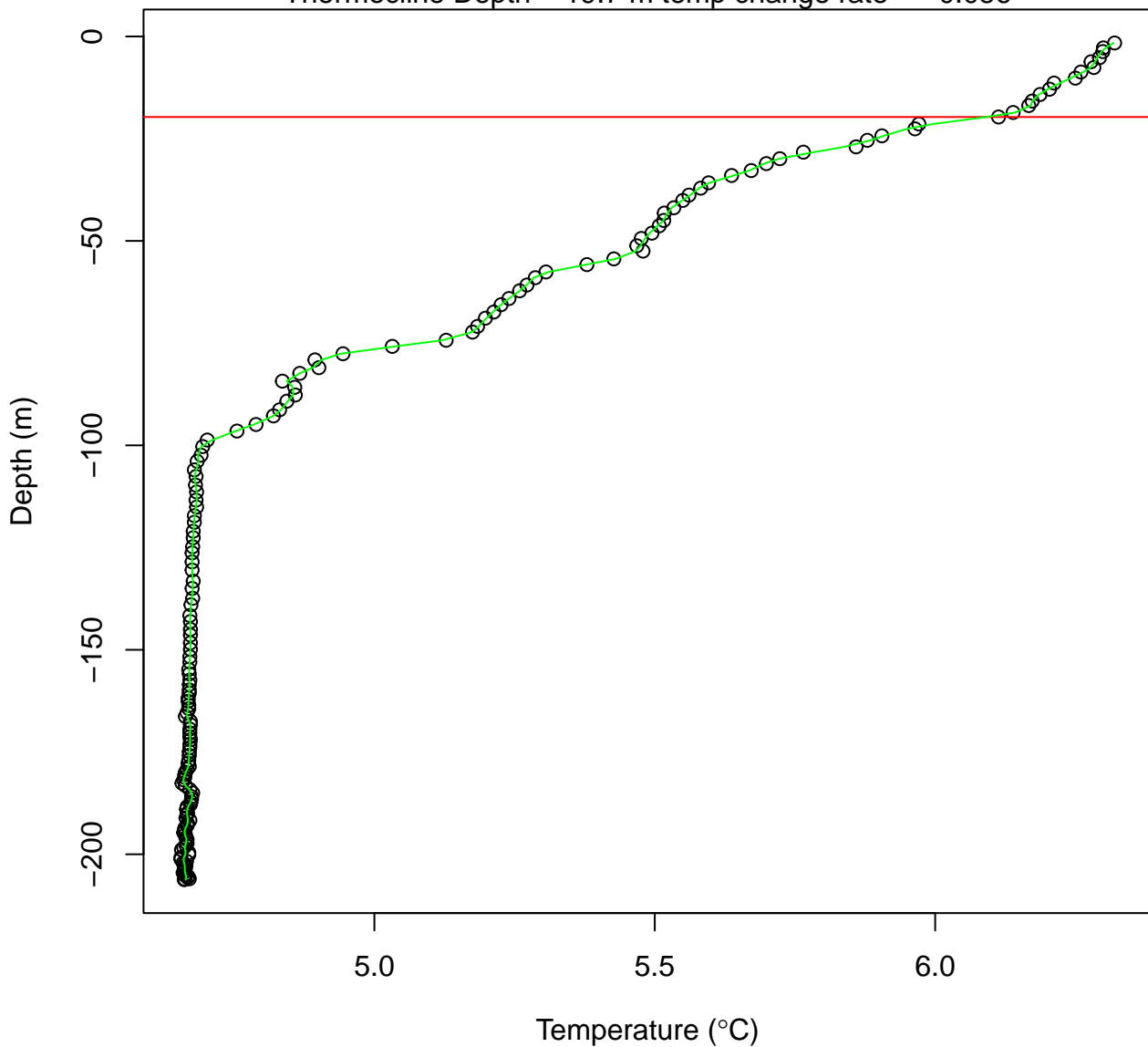
Vessel 176 Cruise 202201 Haul 61

Thermocline Depth = 86.5 m temp change rate = -0.086



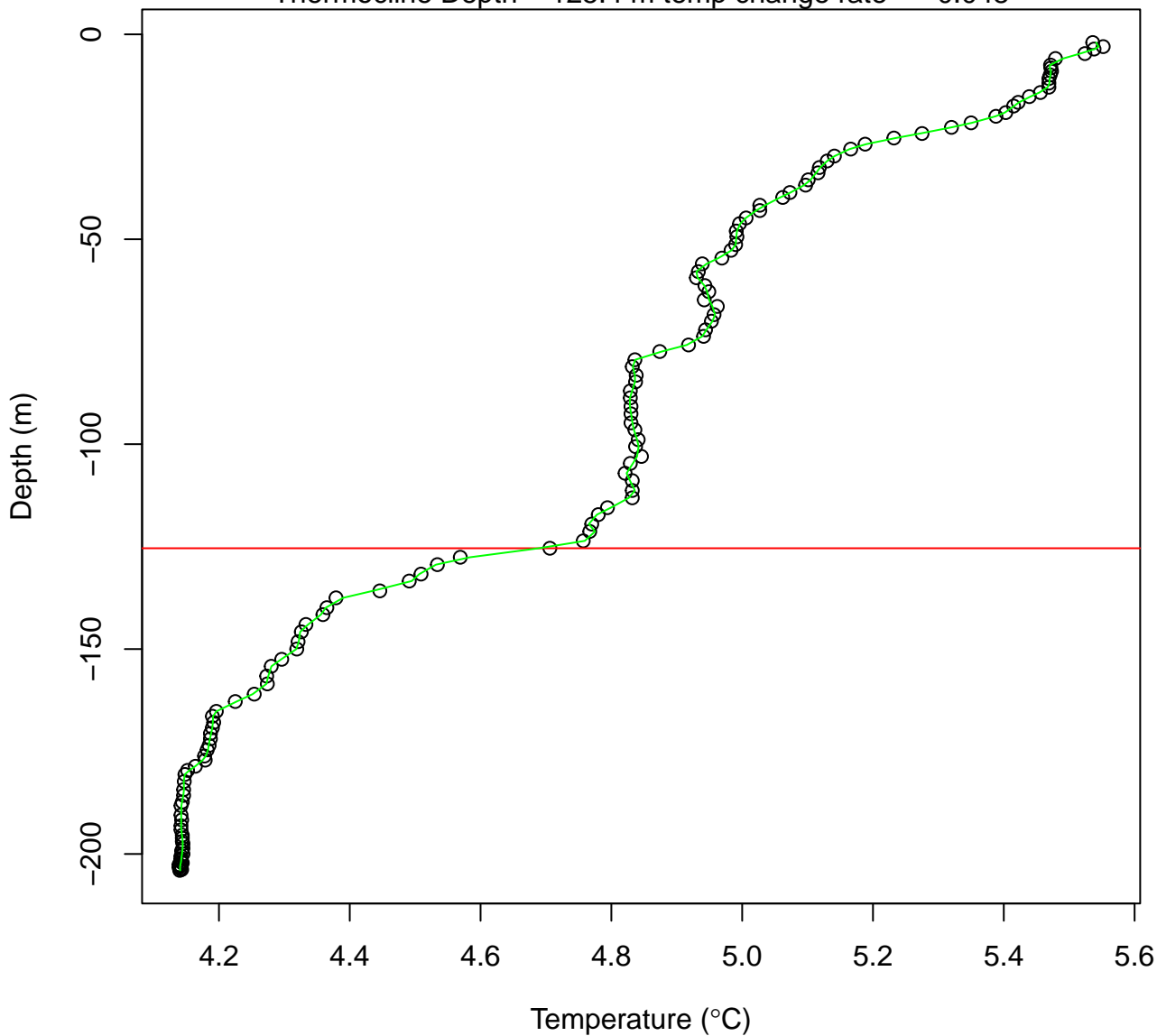
Vessel 176 Cruise 202201 Haul 62

Thermocline Depth = 19.7 m temp change rate = -0.056



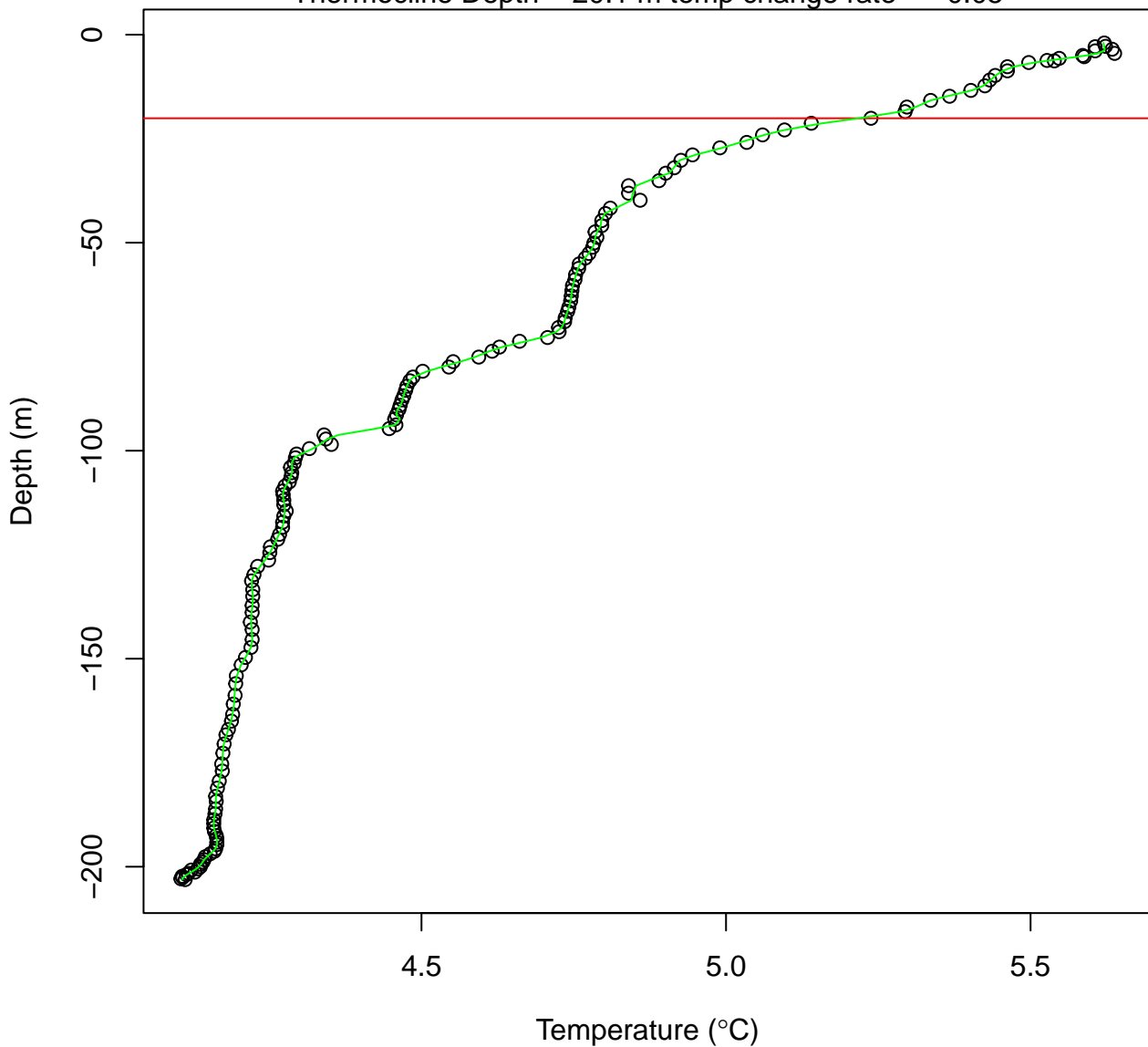
Vessel 176 Cruise 202201 Haul 63

Thermocline Depth = 125.4 m temp change rate = -0.048



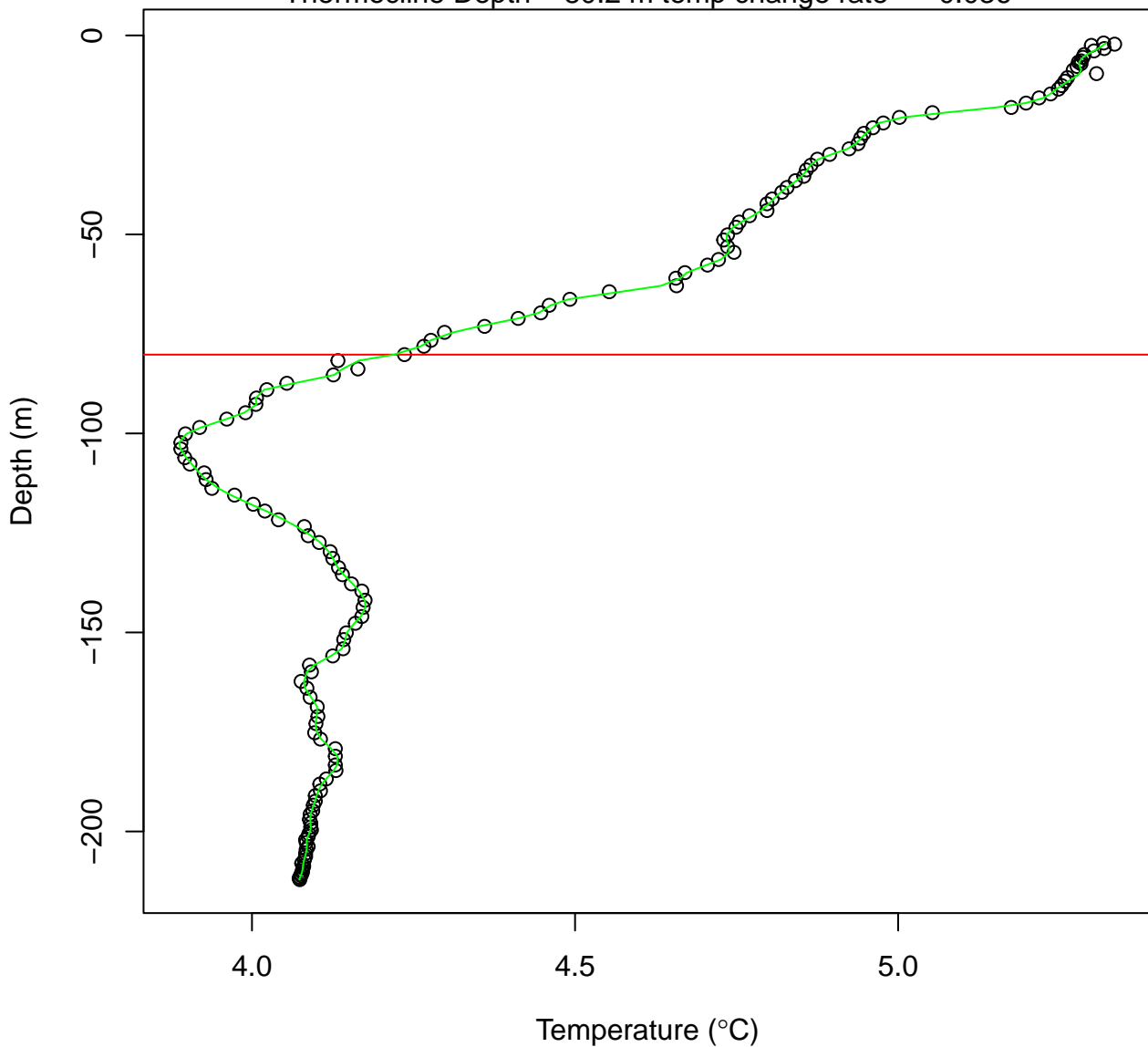
Vessel 176 Cruise 202201 Haul 64

Thermocline Depth = 20.1 m temp change rate = -0.05



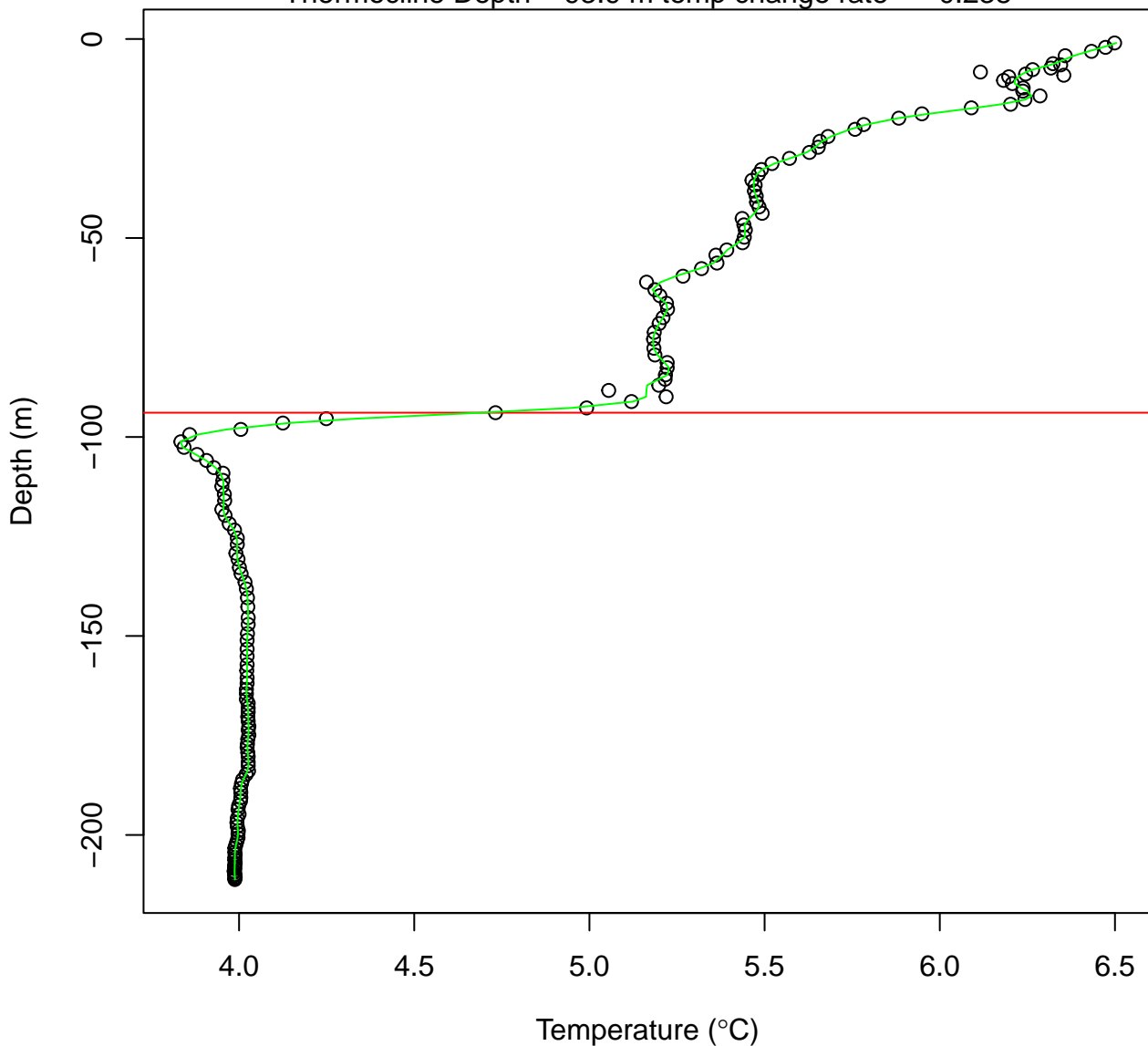
Vessel 176 Cruise 202201 Haul 65

Thermocline Depth = 80.2 m temp change rate = -0.036



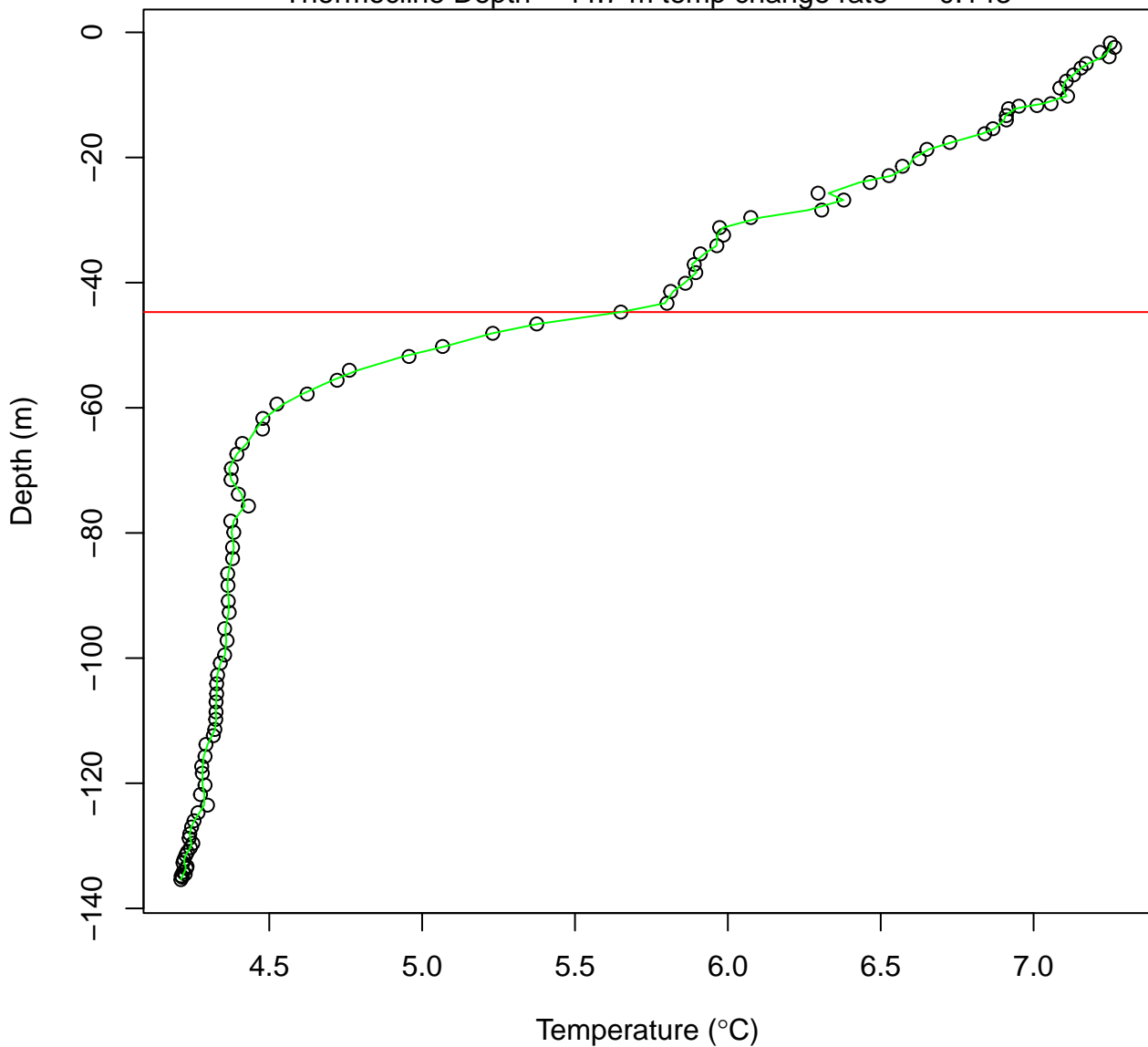
Vessel 176 Cruise 202201 Haul 66

Thermocline Depth = 93.9 m temp change rate = -0.238



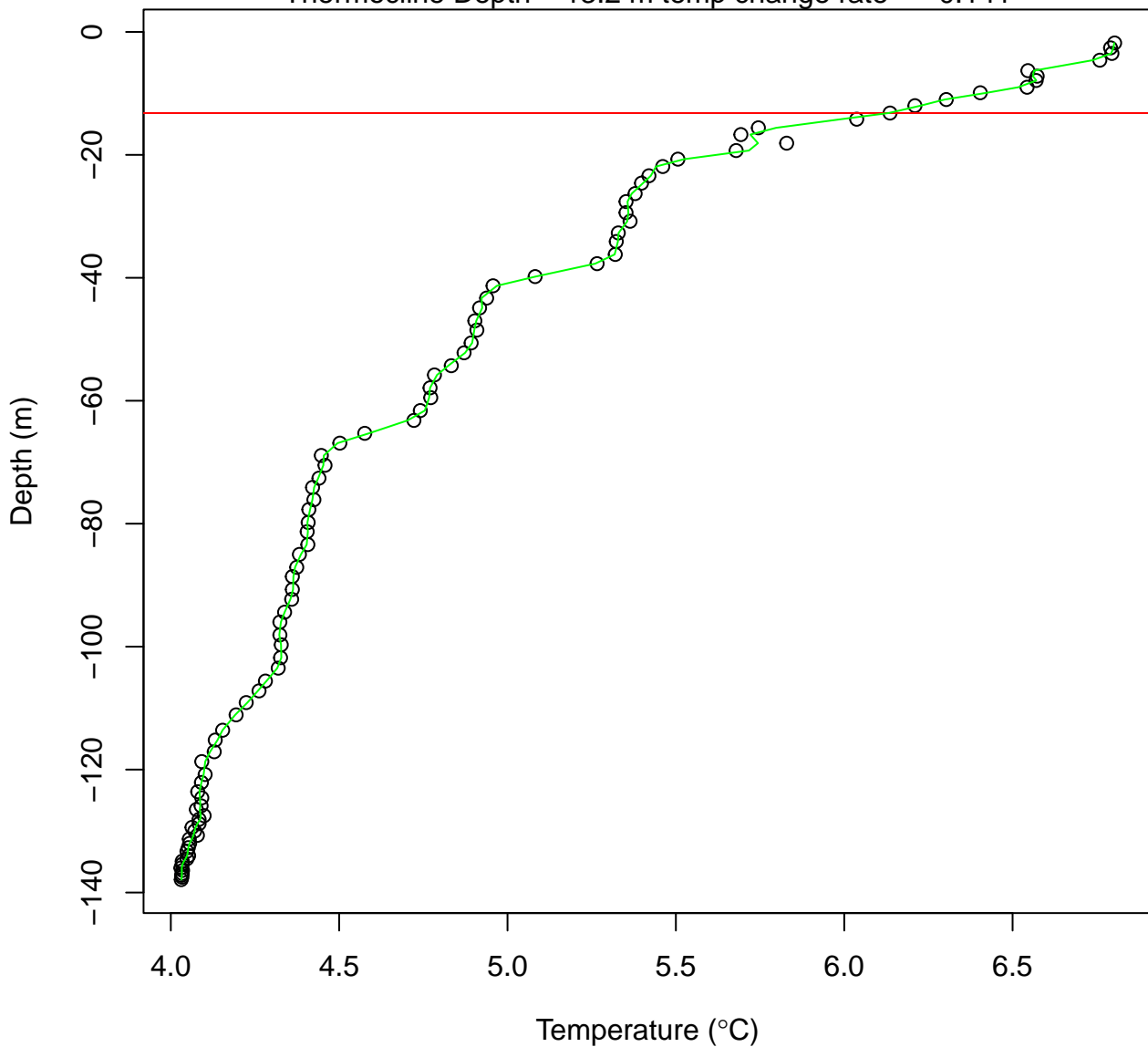
Vessel 176 Cruise 202201 Haul 67

Thermocline Depth = 44.7 m temp change rate = -0.143



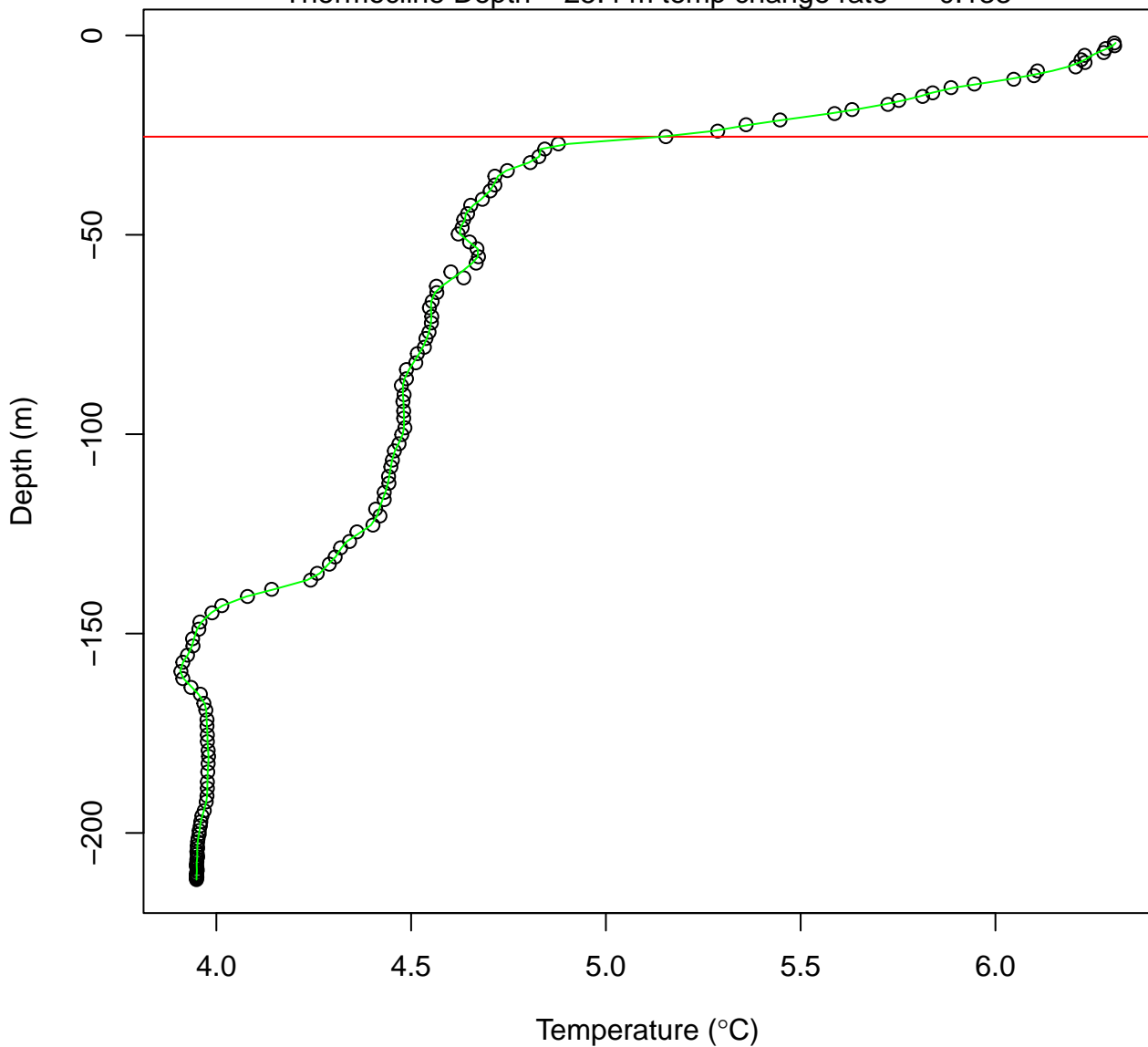
Vessel 176 Cruise 202201 Haul 68

Thermocline Depth = 13.2 m temp change rate = -0.141



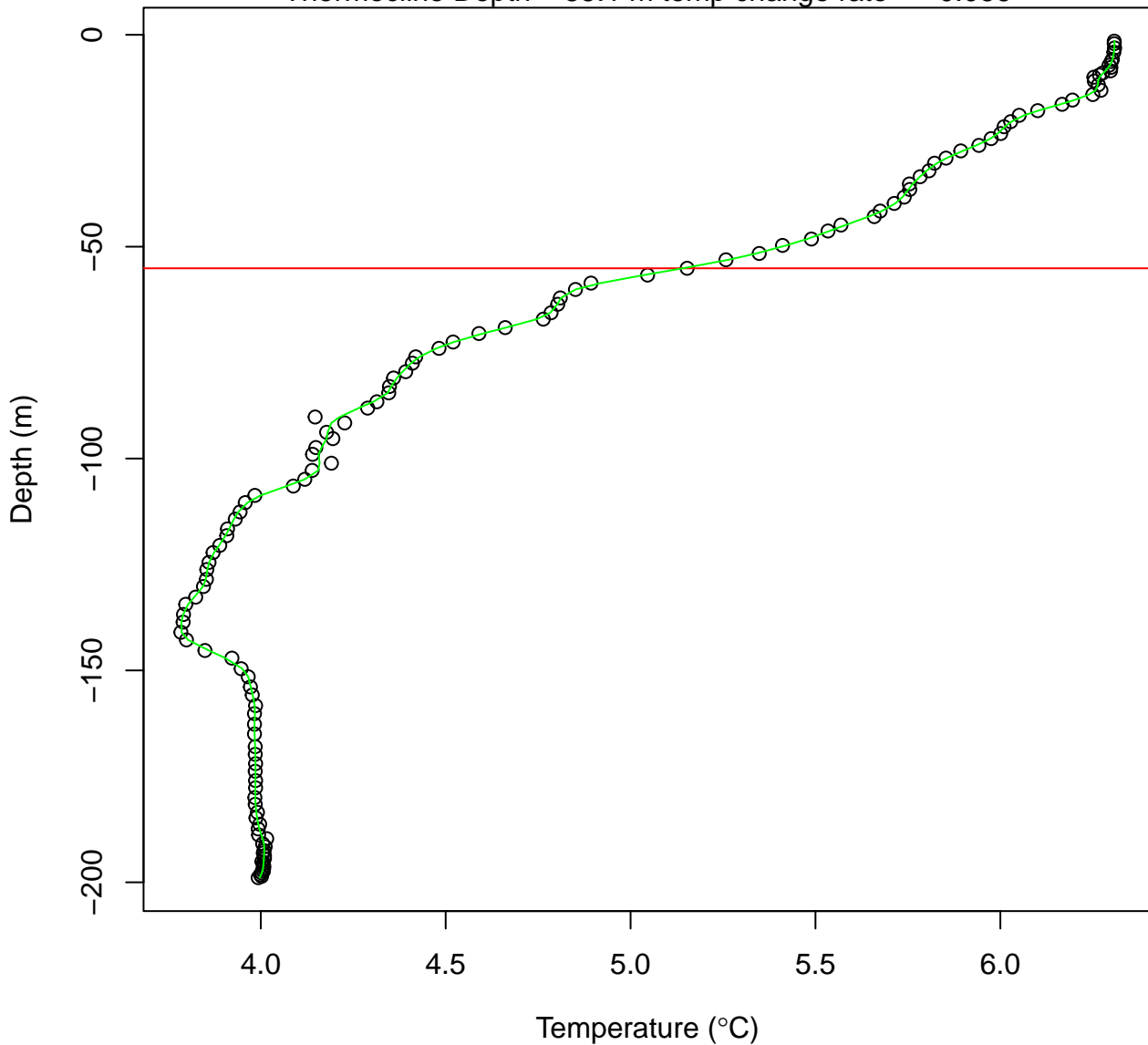
Vessel 176 Cruise 202201 Haul 69

Thermocline Depth = 25.4 m temp change rate = -0.133



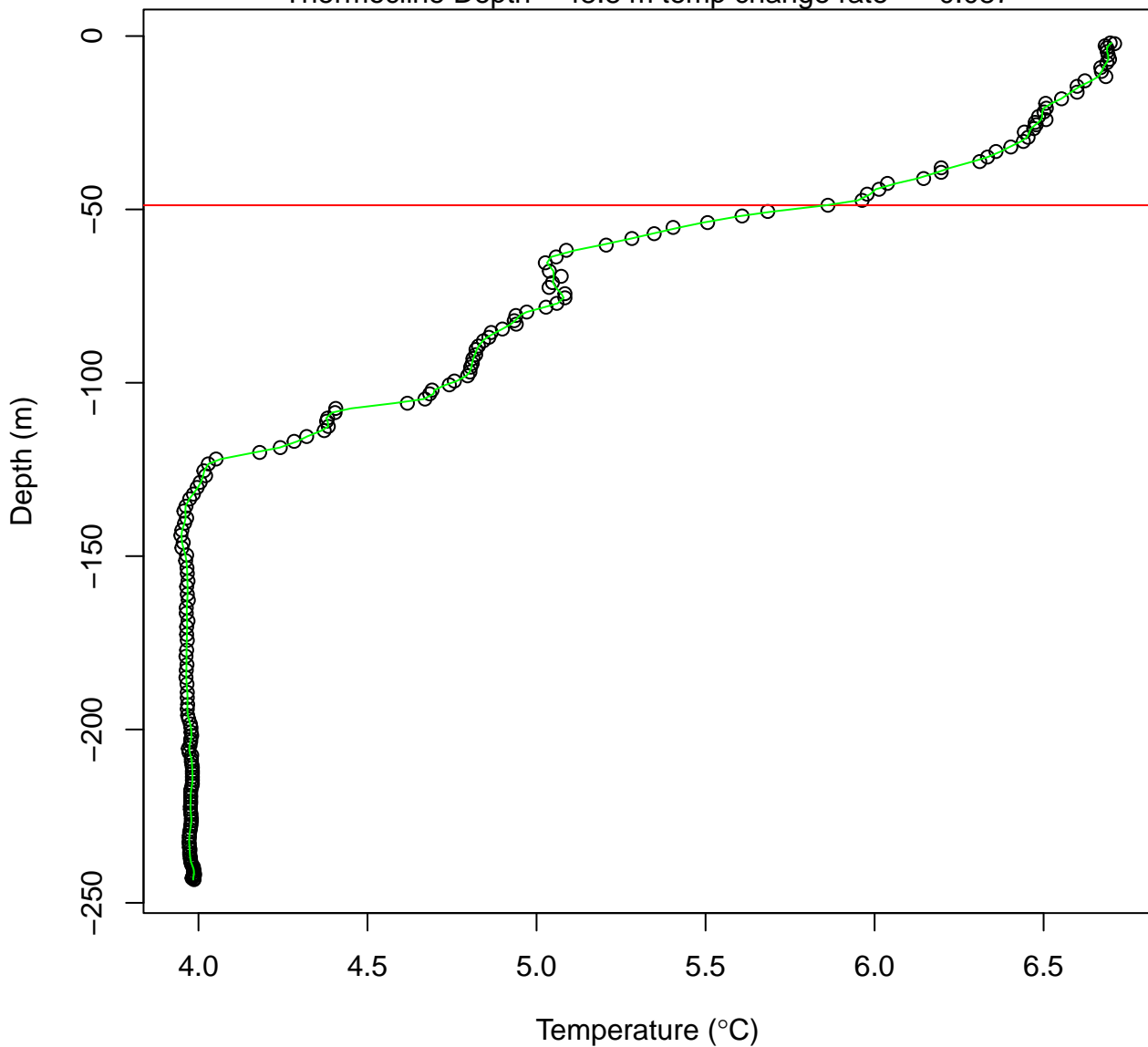
Vessel 176 Cruise 202201 Haul 70

Thermocline Depth = 55.1 m temp change rate = -0.066



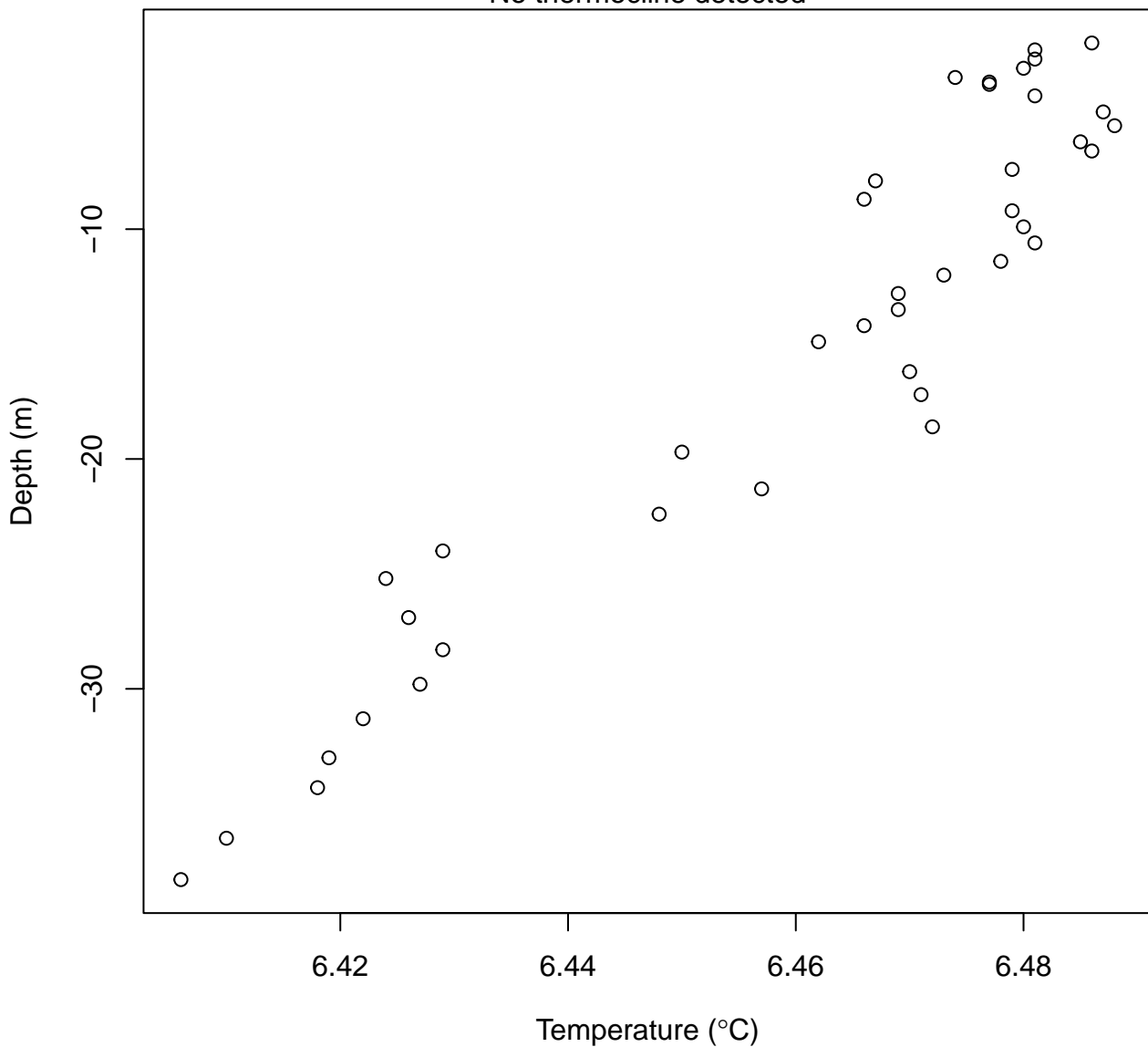
Vessel 176 Cruise 202201 Haul 71

Thermocline Depth = 48.8 m temp change rate = -0.087



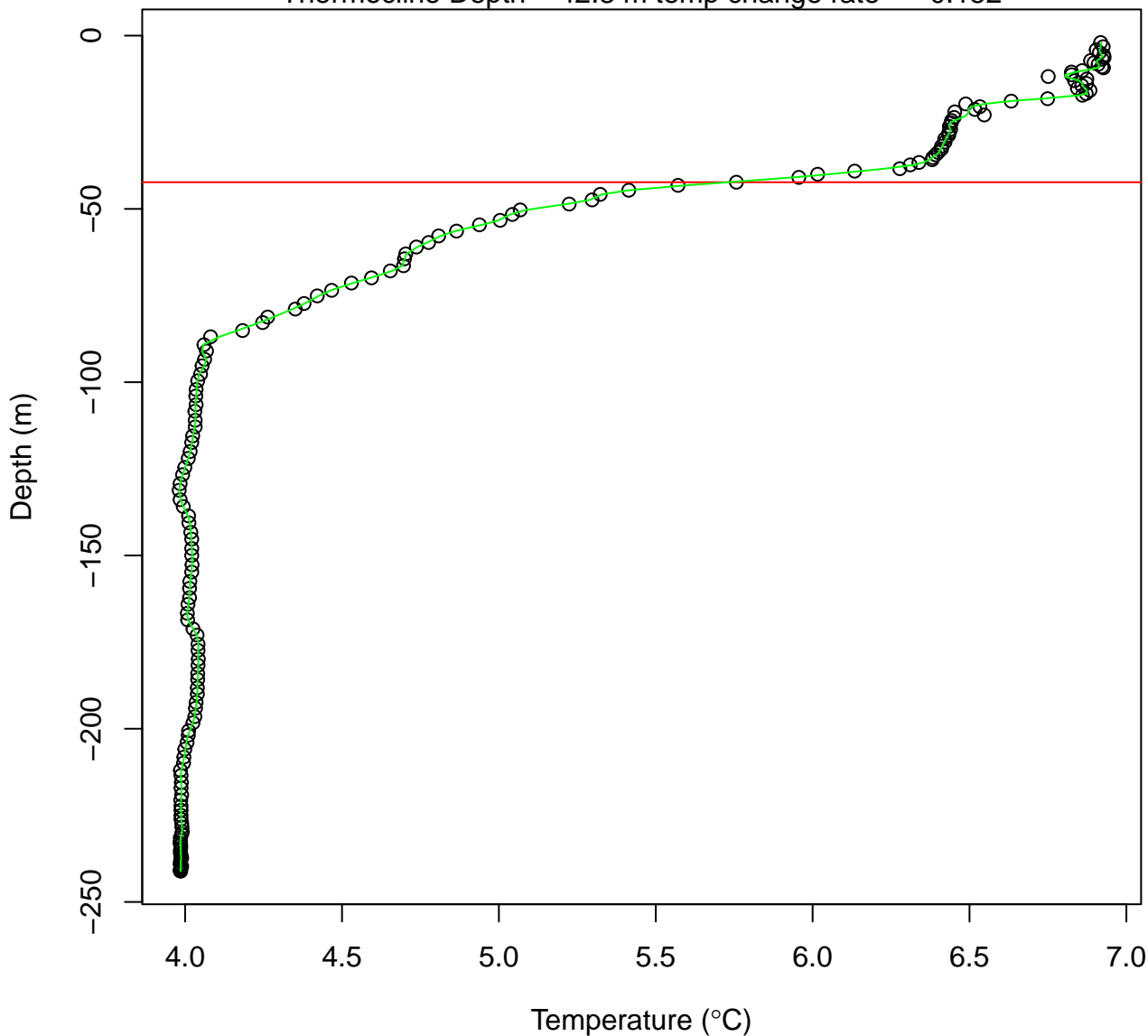
Vessel 176 Cruise 202201 Haul 72

No thermocline detected



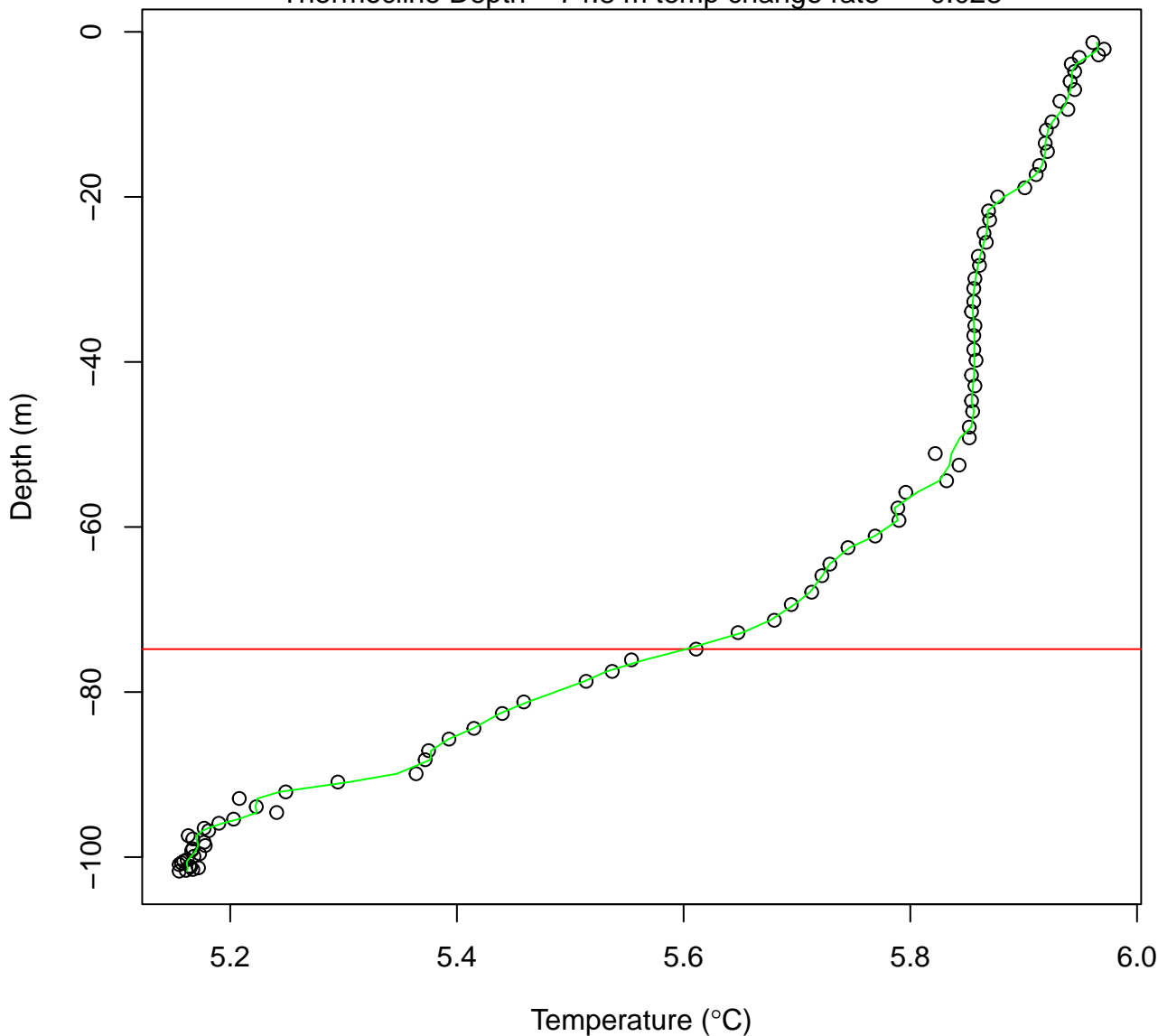
Vessel 176 Cruise 202201 Haul 73

Thermocline Depth = 42.3 m temp change rate = -0.152



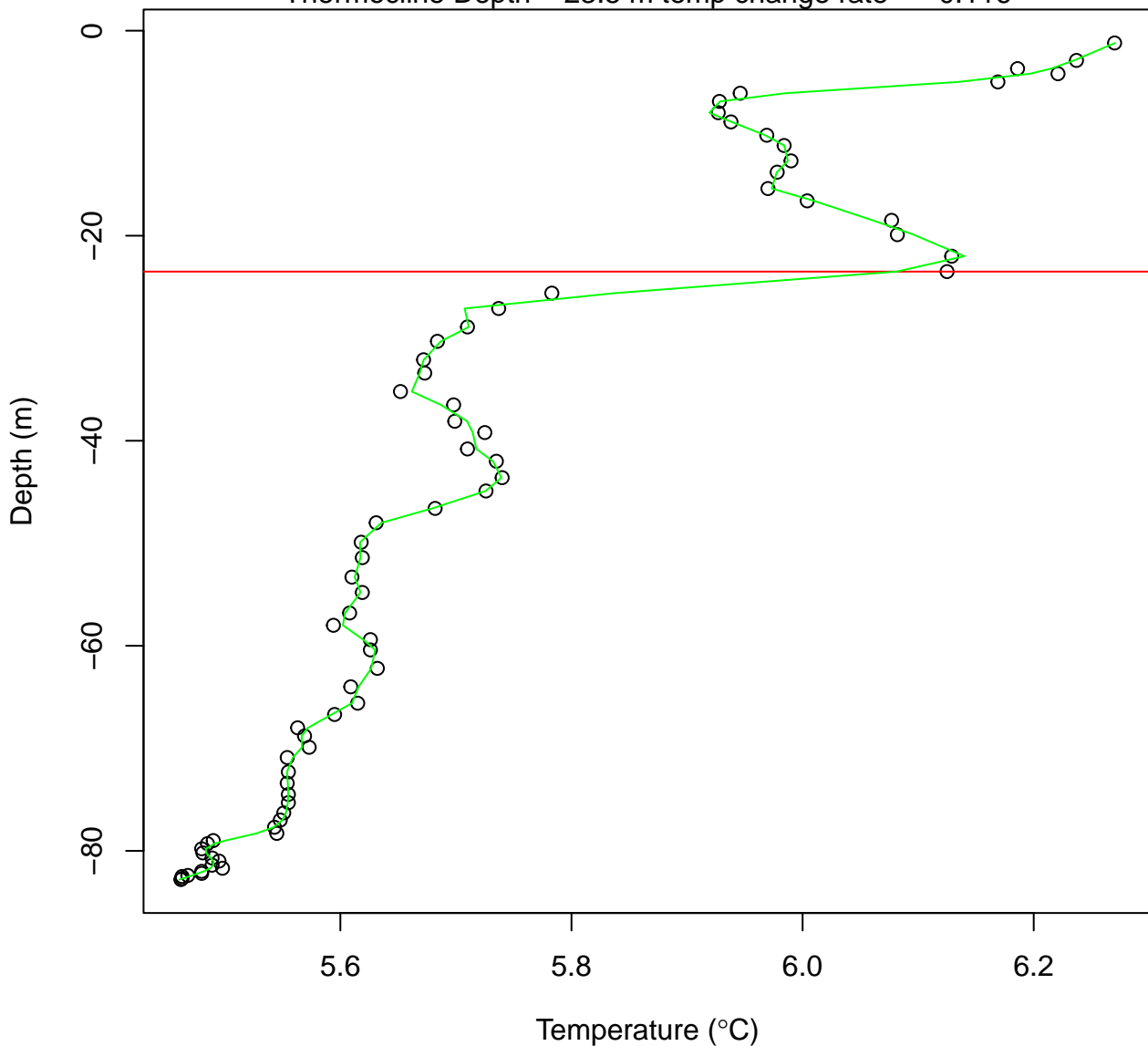
Vessel 176 Cruise 202201 Haul 74

Thermocline Depth = 74.8 m temp change rate = -0.028



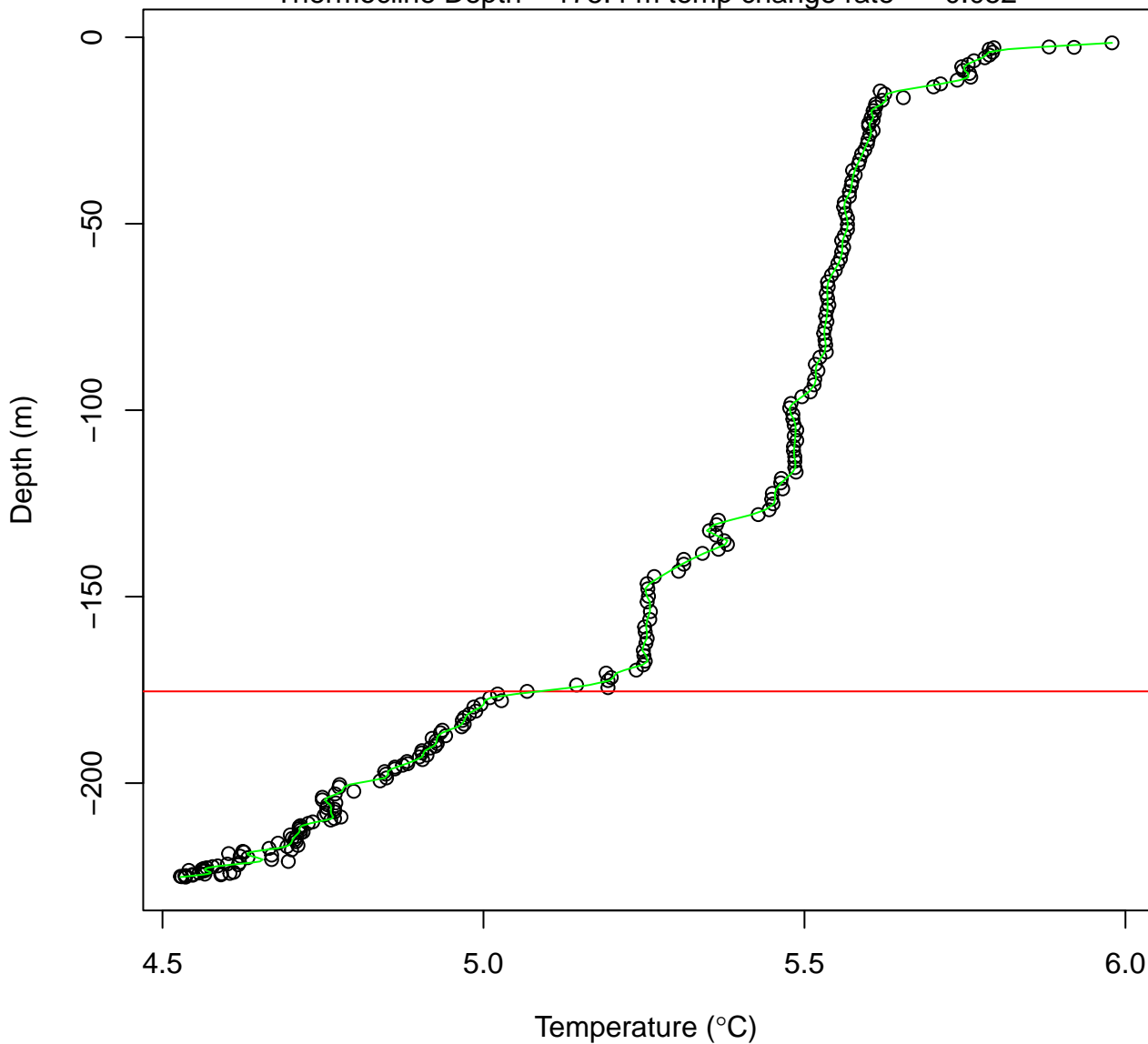
Vessel 176 Cruise 202201 Haul 75

Thermocline Depth = 23.5 m temp change rate = -0.116



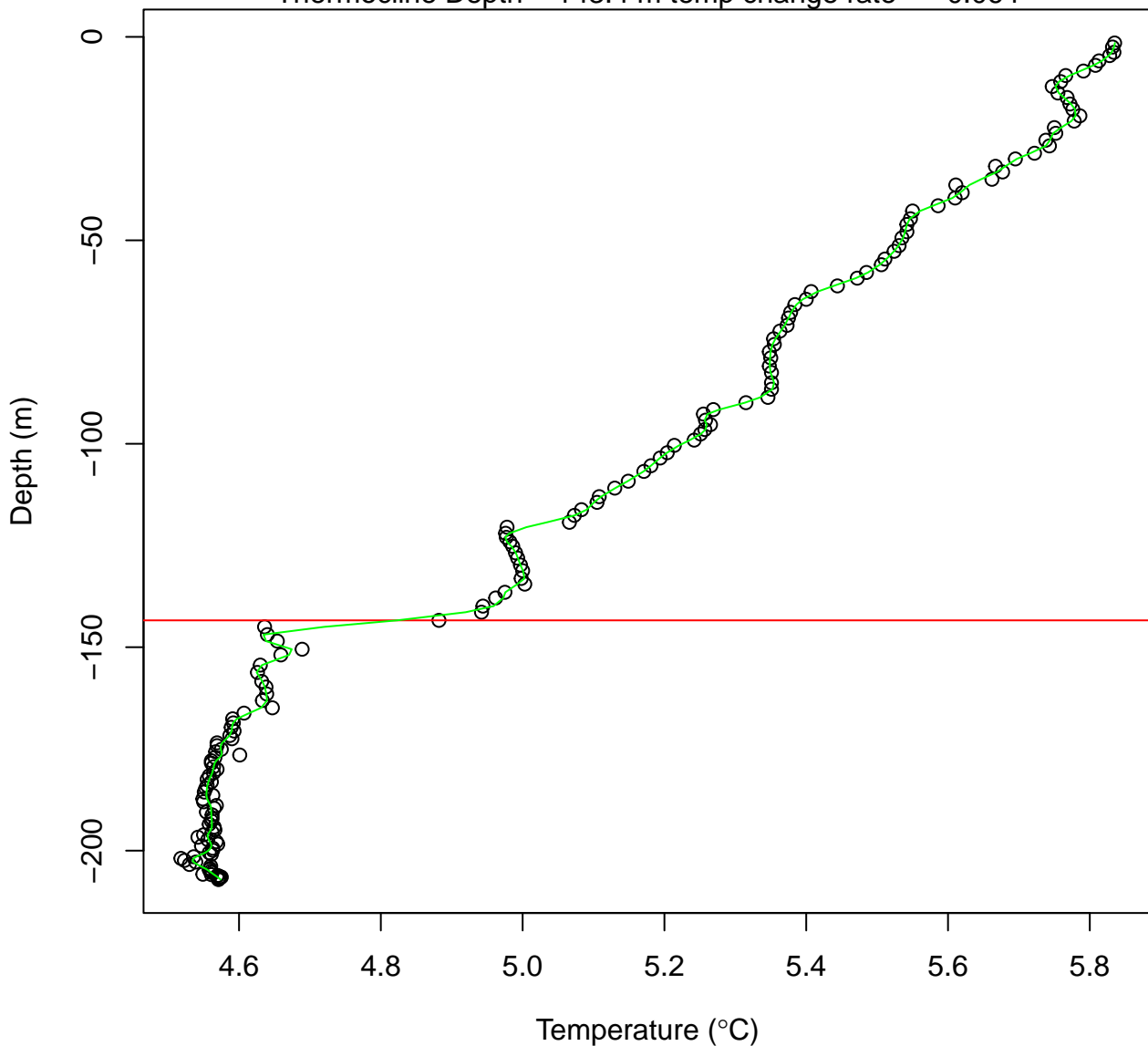
Vessel 176 Cruise 202201 Haul 76

Thermocline Depth = 175.4 m temp change rate = -0.052



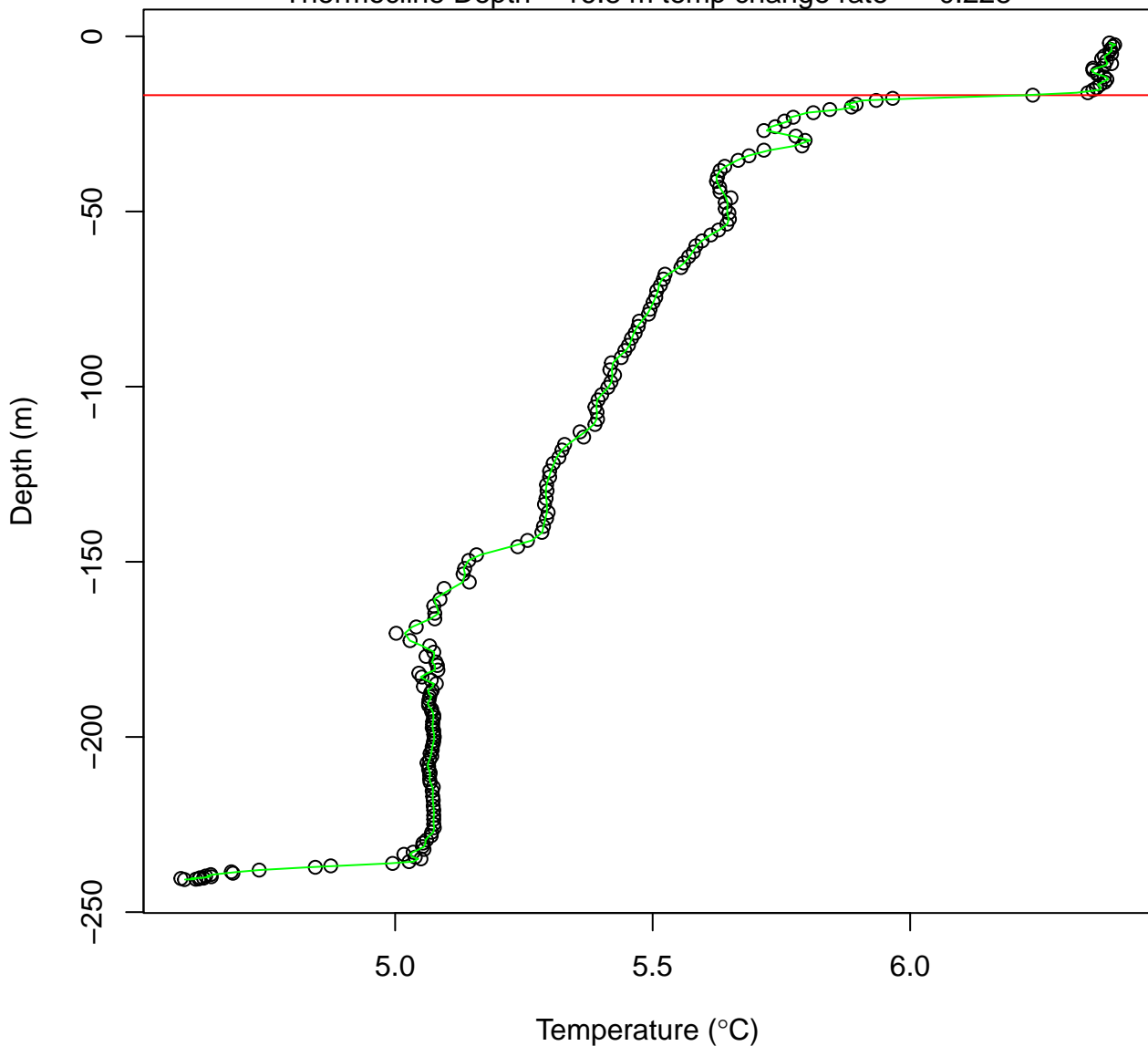
Vessel 176 Cruise 202201 Haul 77

Thermocline Depth = 143.4 m temp change rate = -0.064



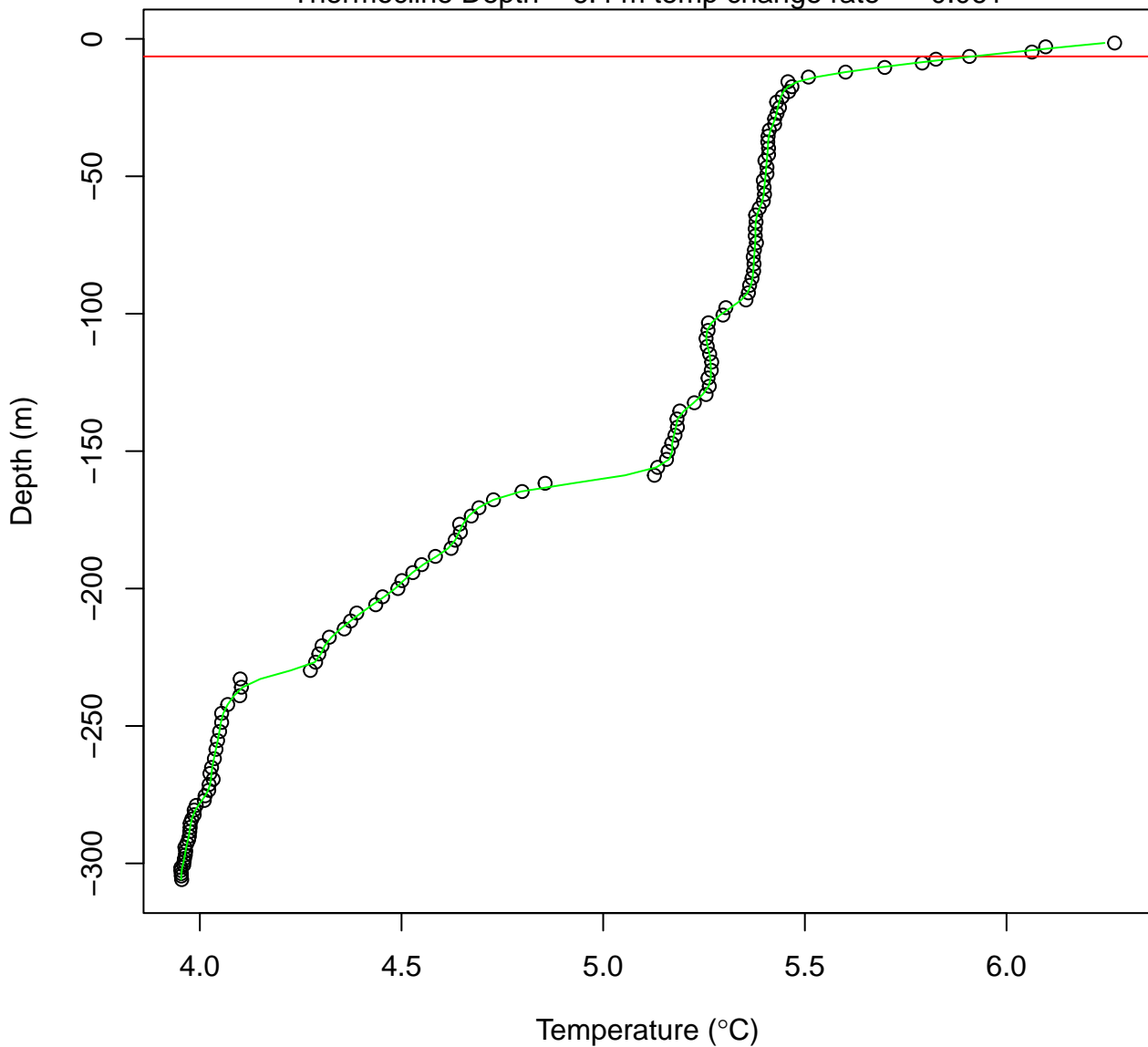
Vessel 176 Cruise 202201 Haul 78

Thermocline Depth = 16.8 m temp change rate = -0.228



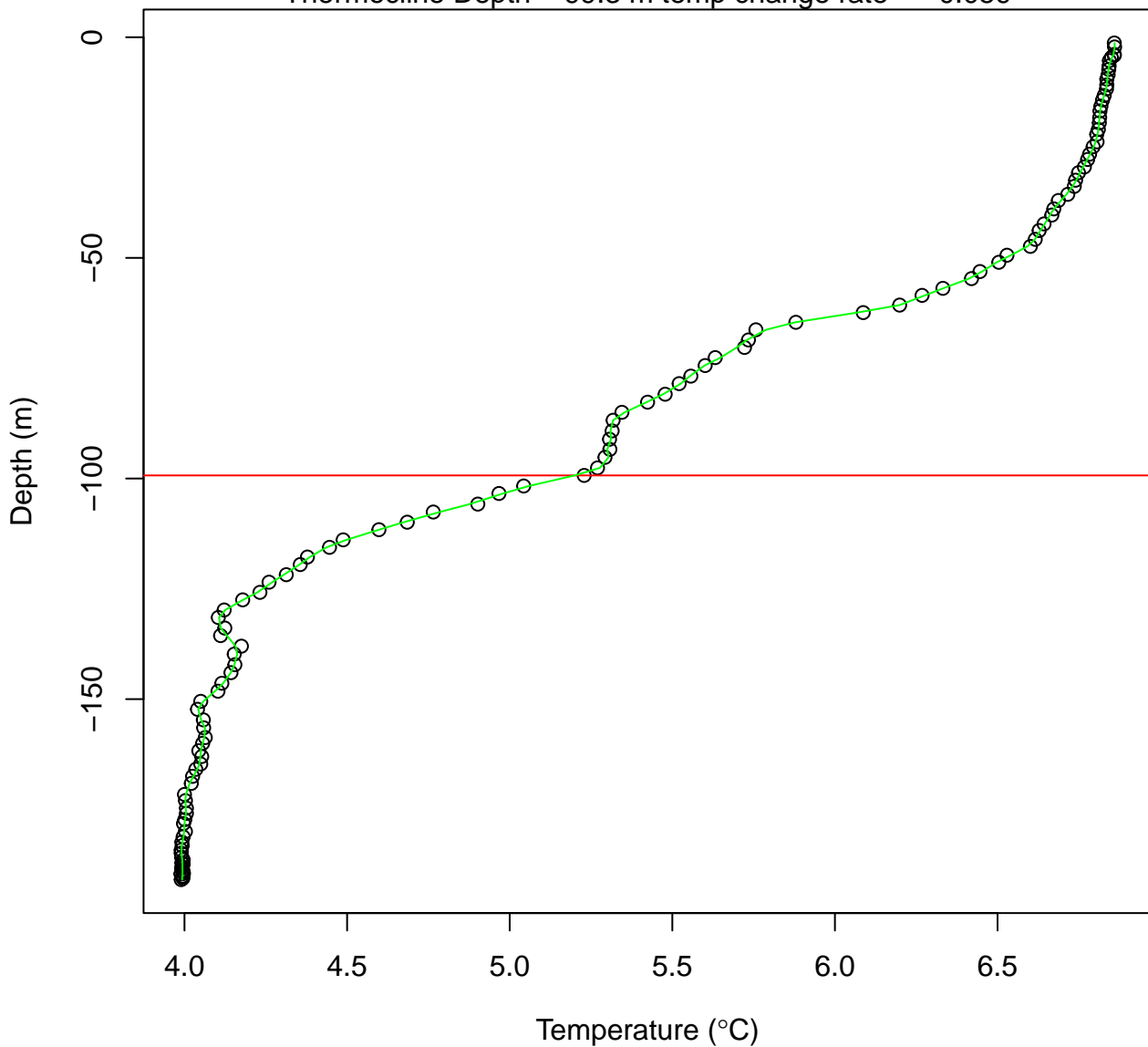
Vessel 176 Cruise 202201 Haul 79

Thermocline Depth = 6.4 m temp change rate = -0.061



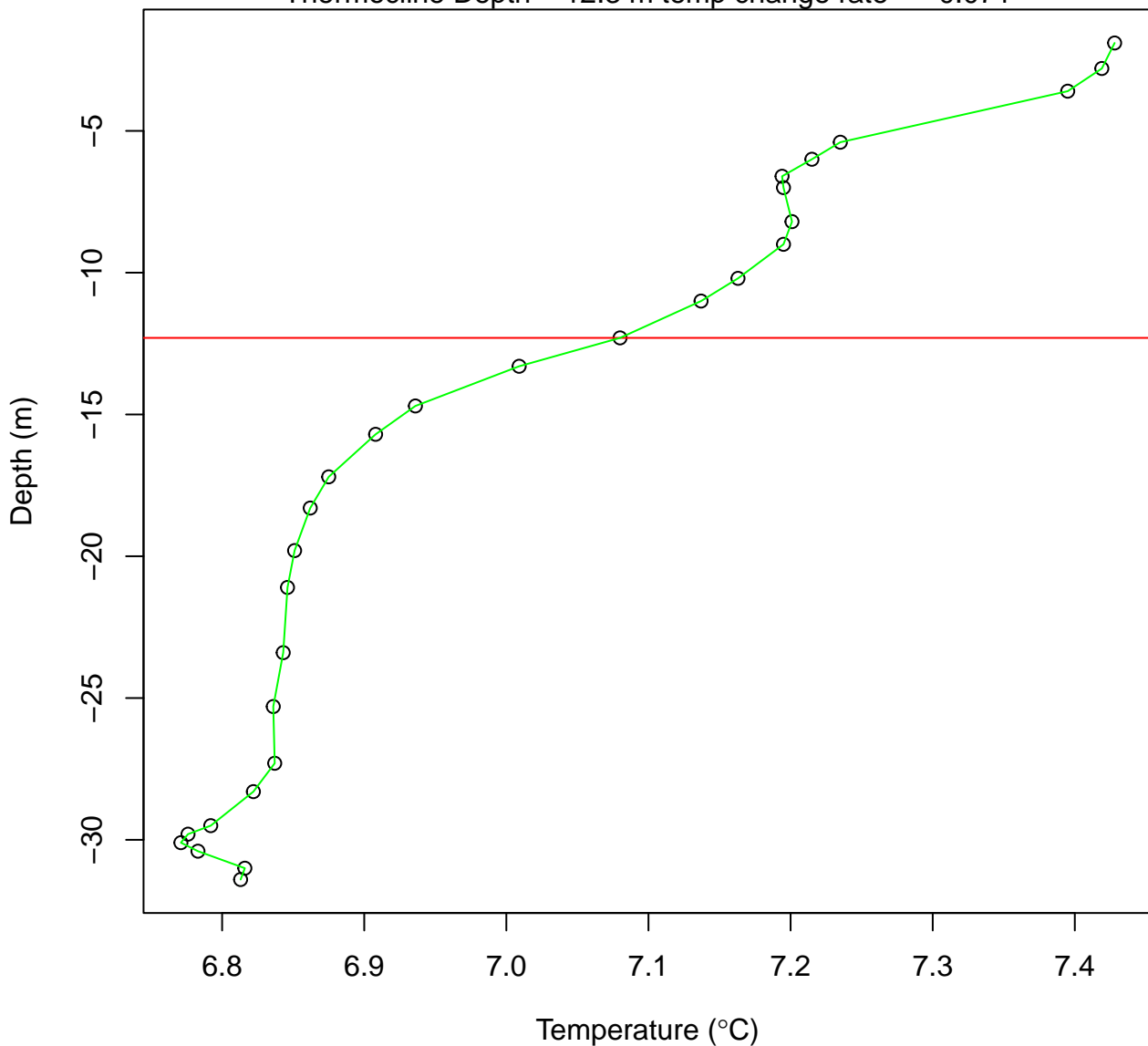
Vessel 176 Cruise 202201 Haul 80

Thermocline Depth = 99.3 m temp change rate = -0.059



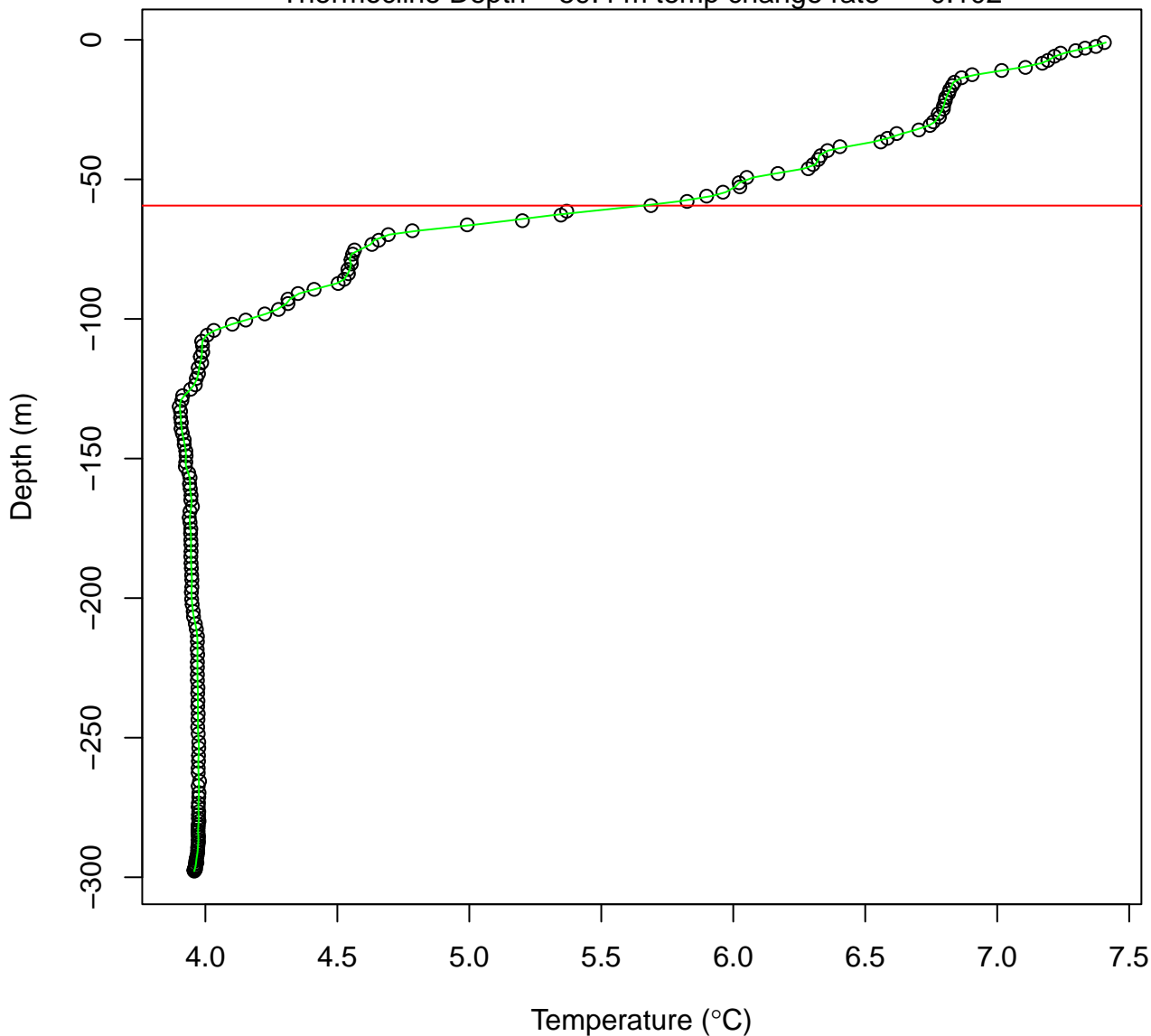
Vessel 176 Cruise 202201 Haul 81

Thermocline Depth = 12.3 m temp change rate = -0.071



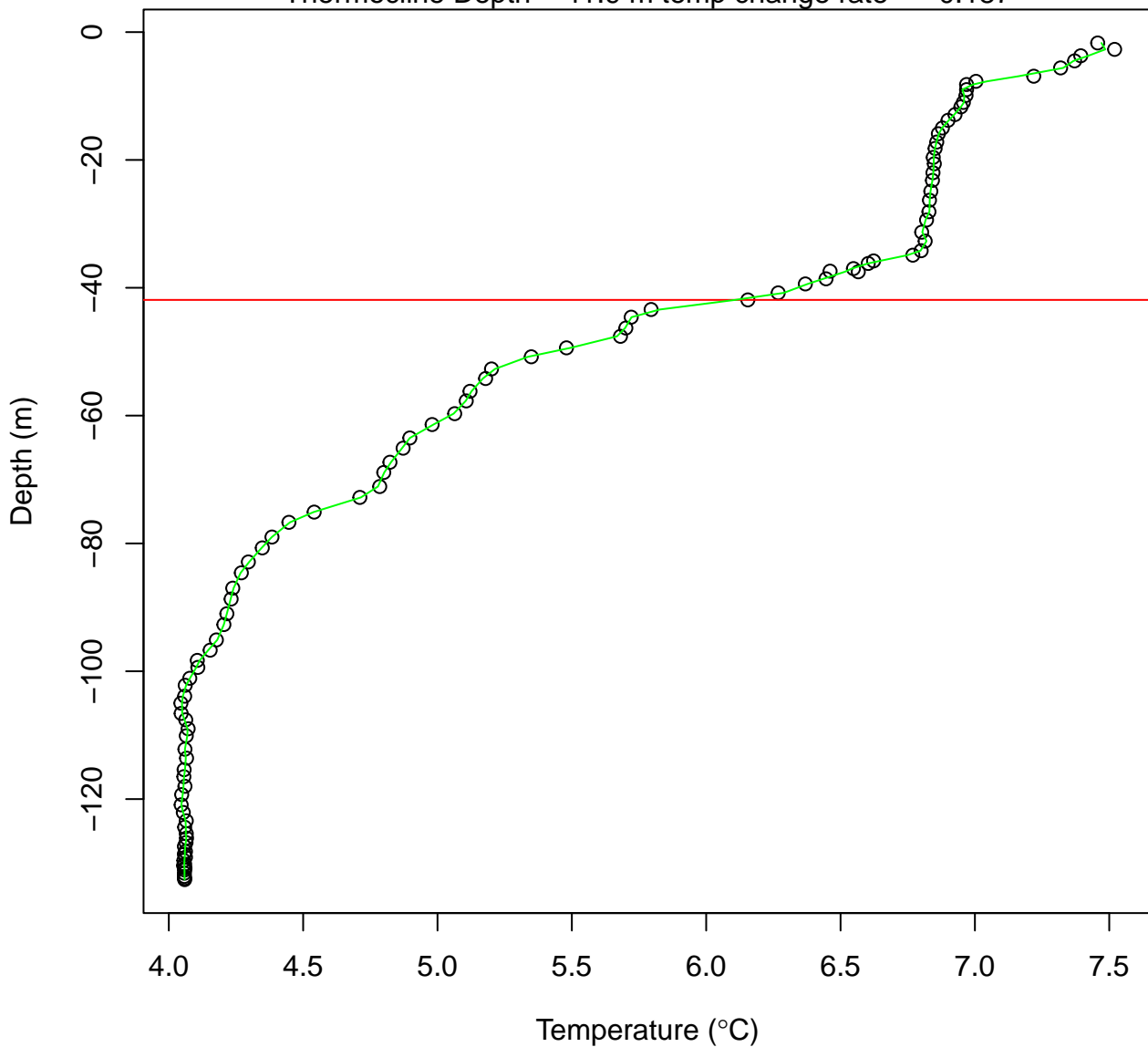
Vessel 176 Cruise 202201 Haul 82

Thermocline Depth = 59.4 m temp change rate = -0.102



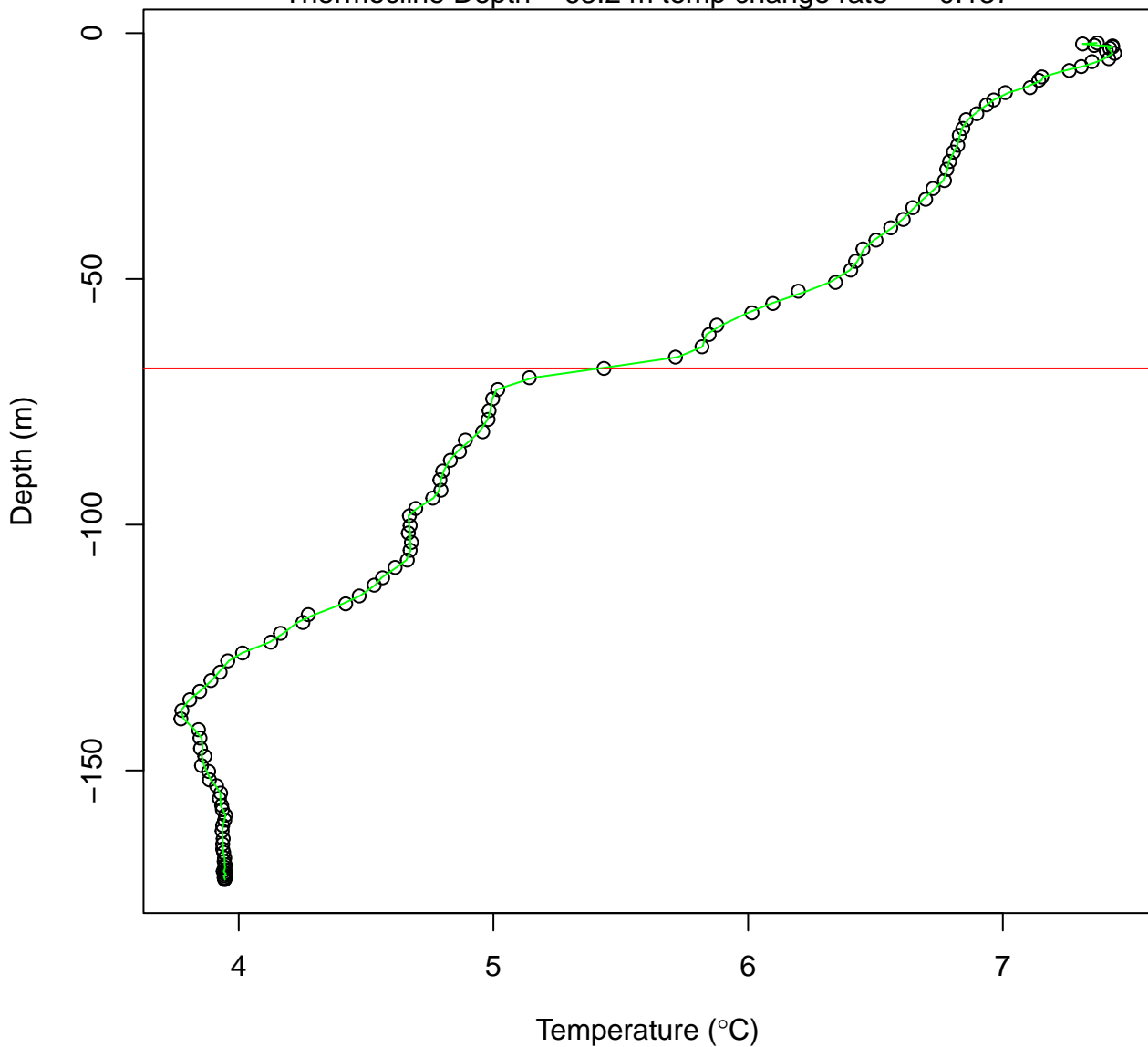
Vessel 176 Cruise 202201 Haul 83

Thermocline Depth = 41.9 m temp change rate = -0.187



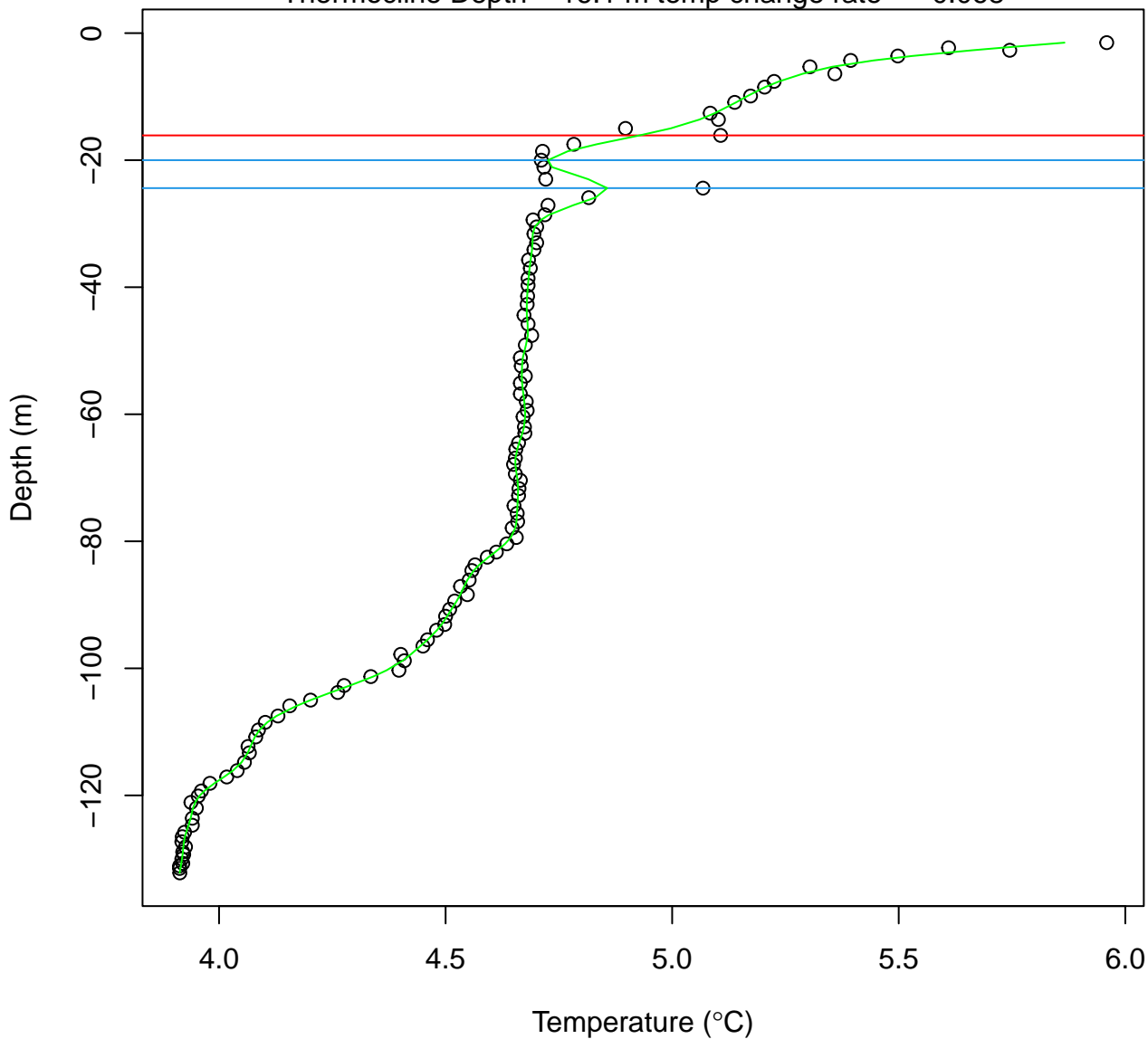
Vessel 176 Cruise 202201 Haul 84

Thermocline Depth = 68.2 m temp change rate = -0.137



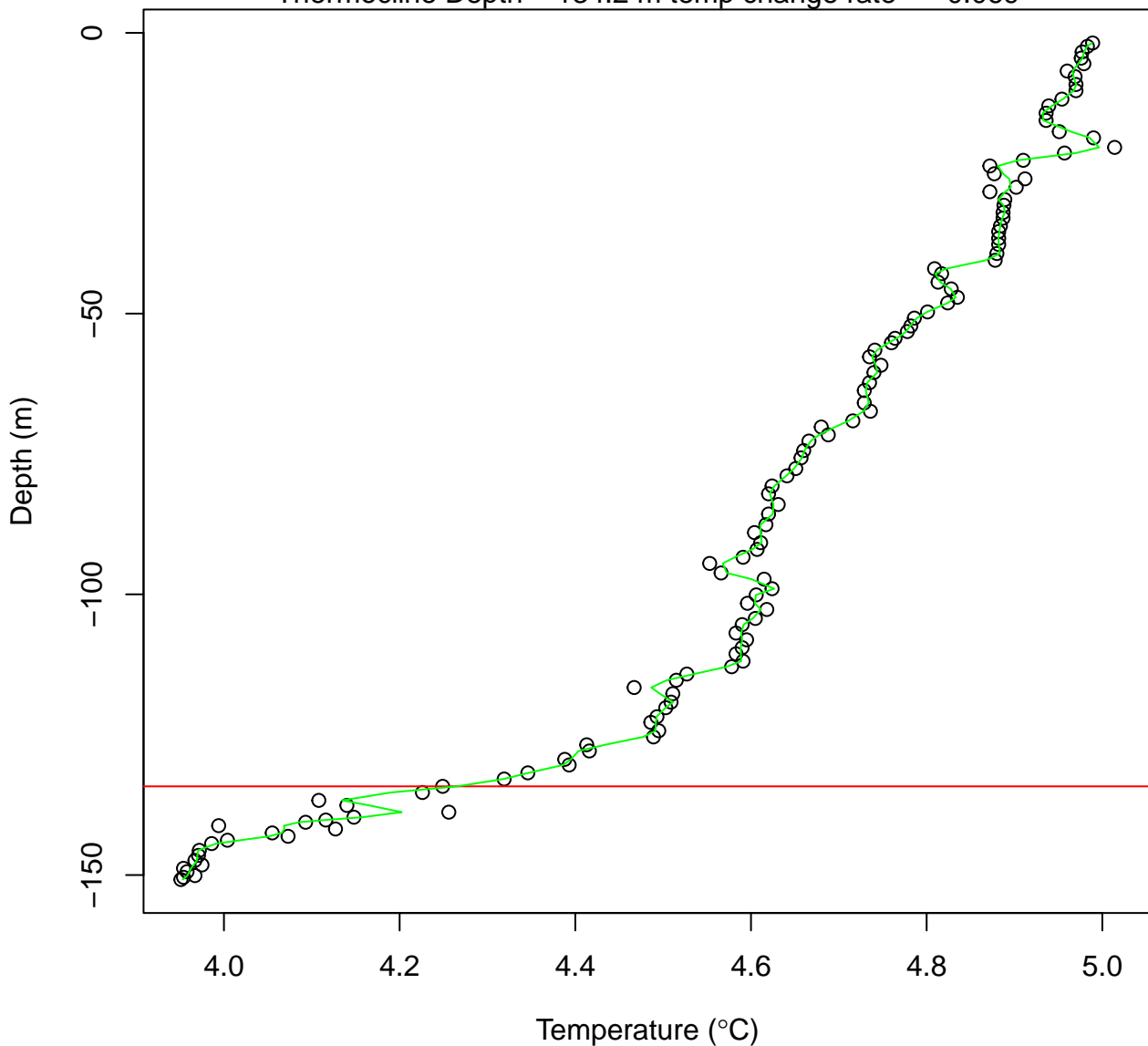
Vessel 176 Cruise 202201 Haul 85

Thermocline Depth = 16.1 m temp change rate = -0.068



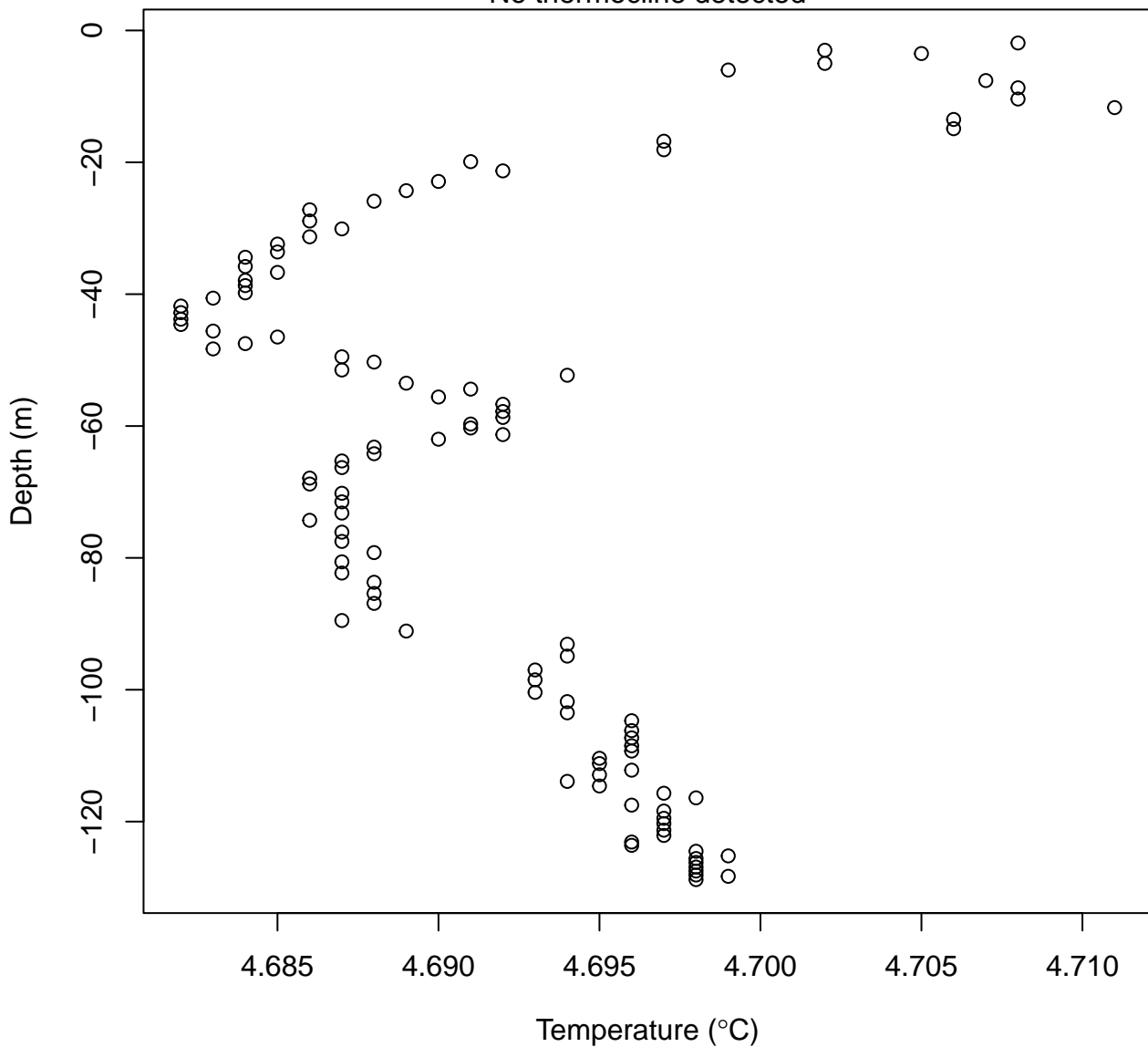
Vessel 176 Cruise 202201 Haul 86

Thermocline Depth = 134.2 m temp change rate = -0.069



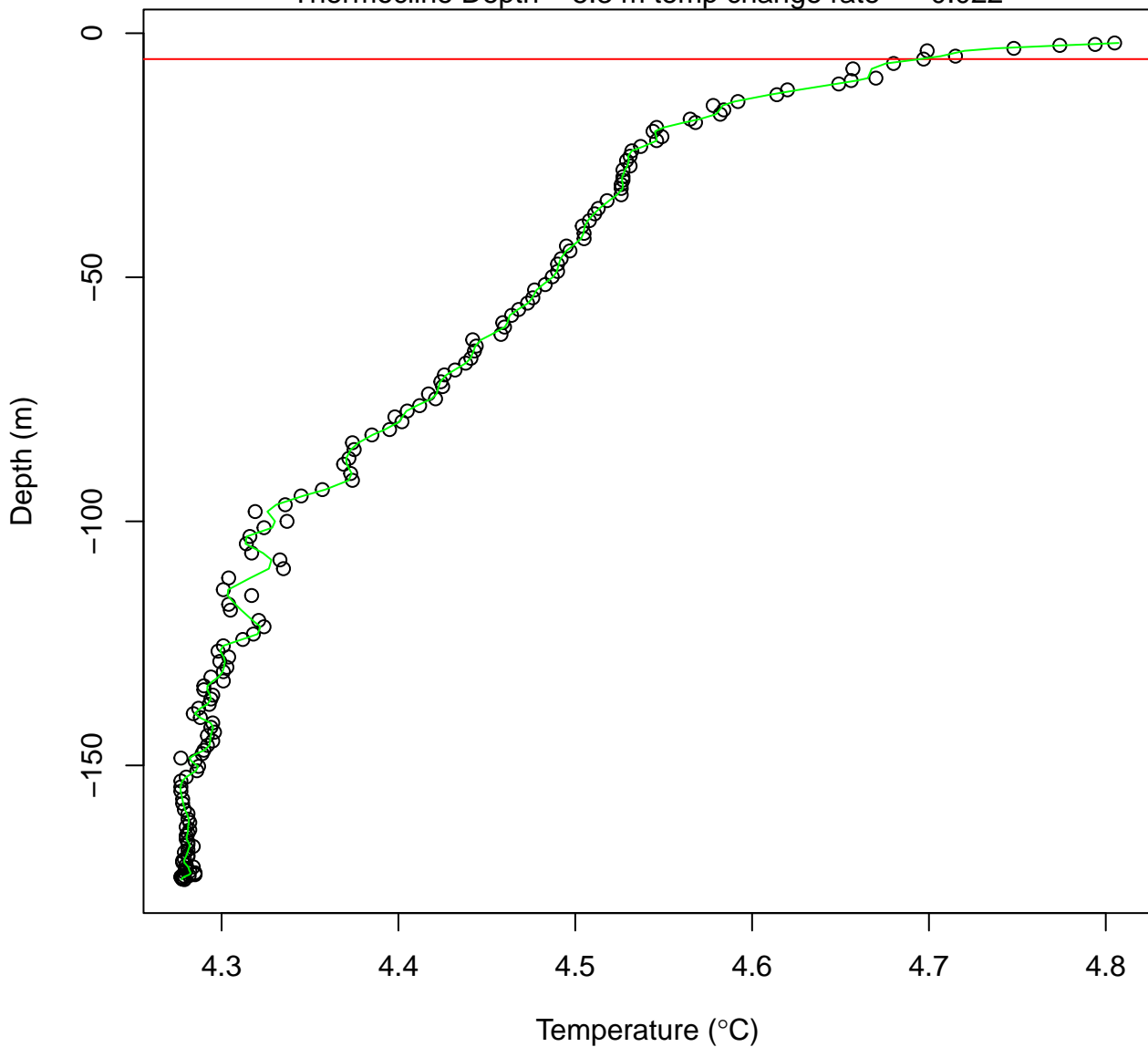
Vessel 176 Cruise 202201 Haul 87

No thermocline detected



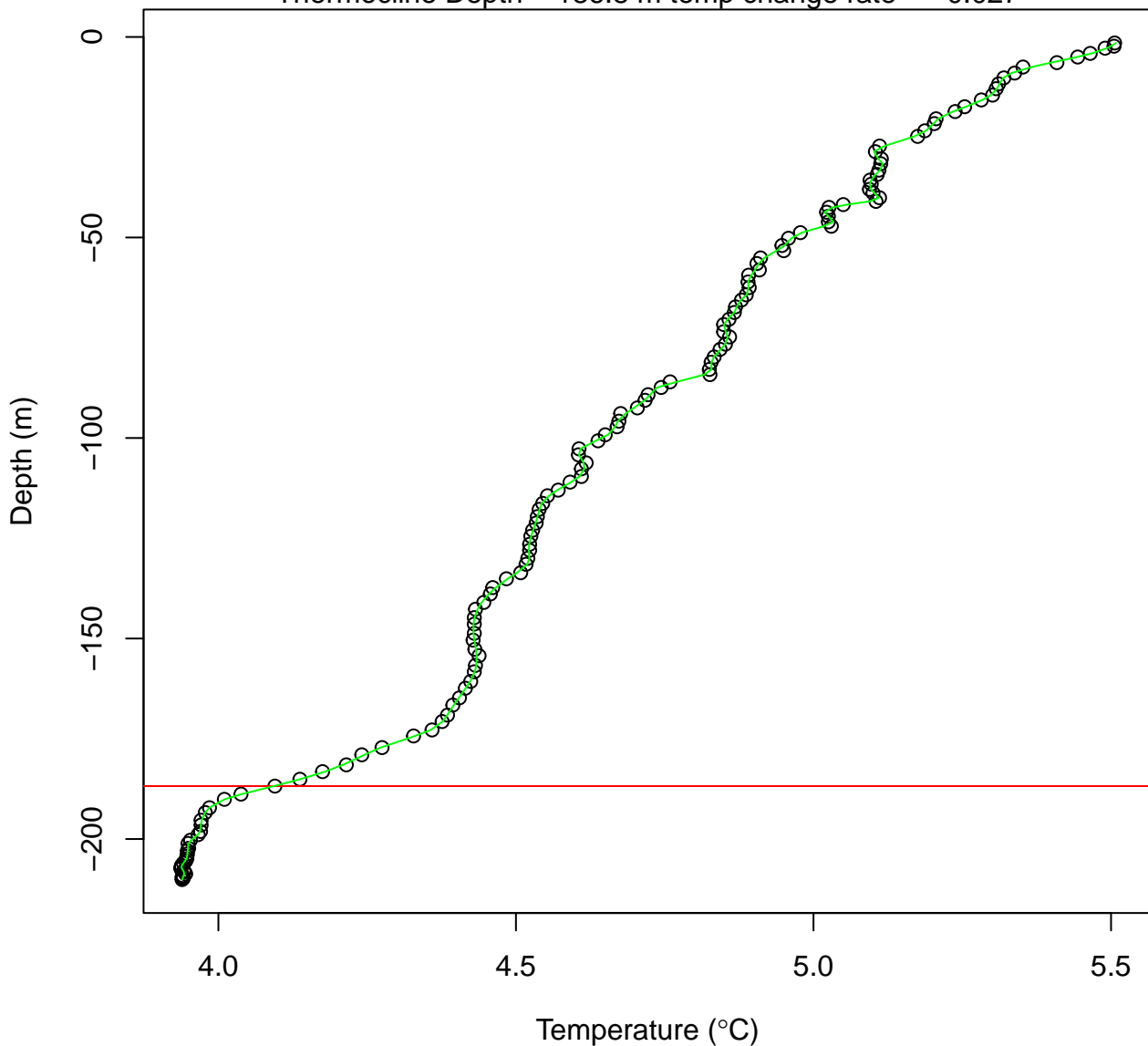
Vessel 176 Cruise 202201 Haul 88

Thermocline Depth = 5.3 m temp change rate = -0.022



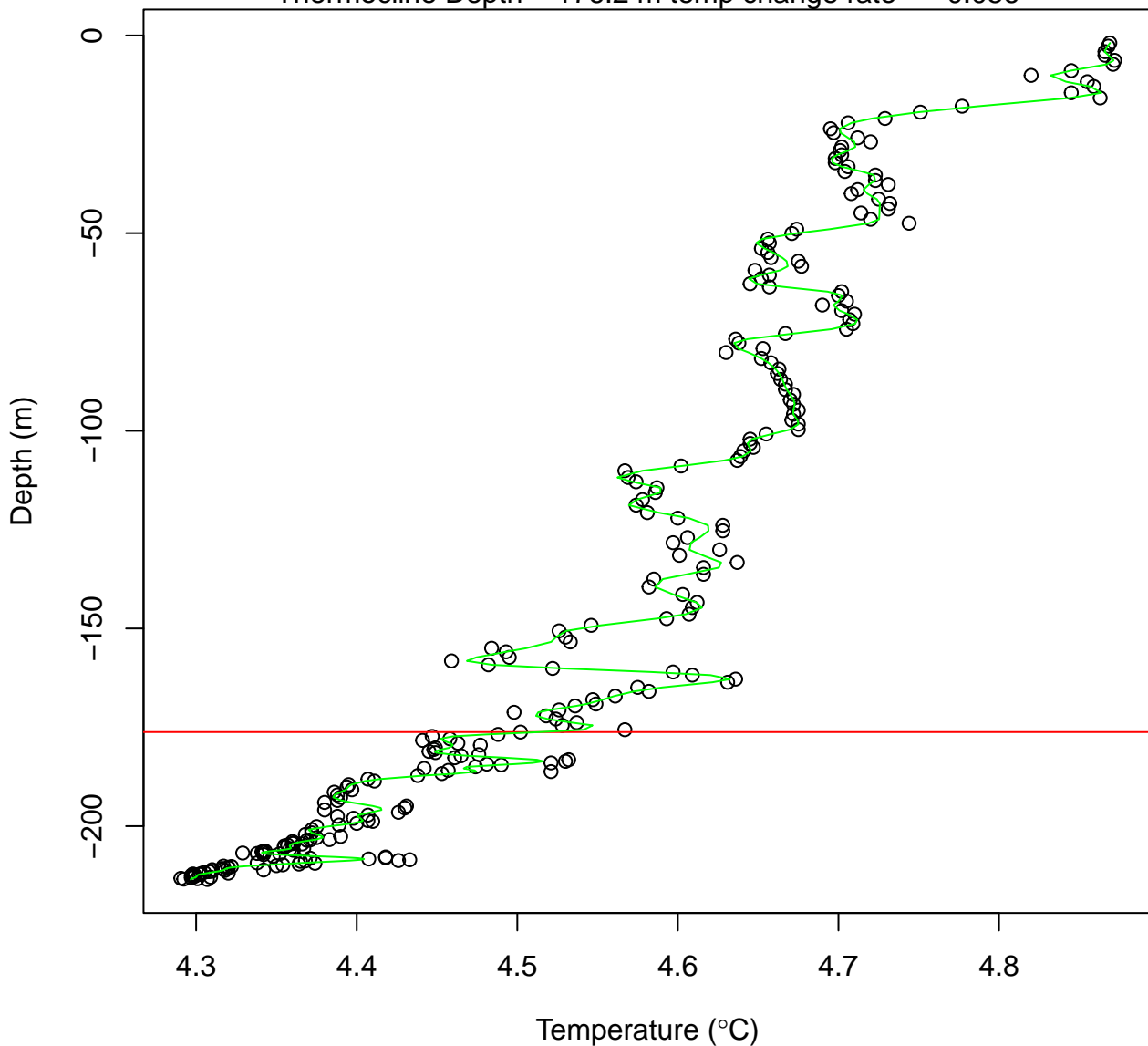
Vessel 176 Cruise 202201 Haul 89

Thermocline Depth = 186.8 m temp change rate = -0.027



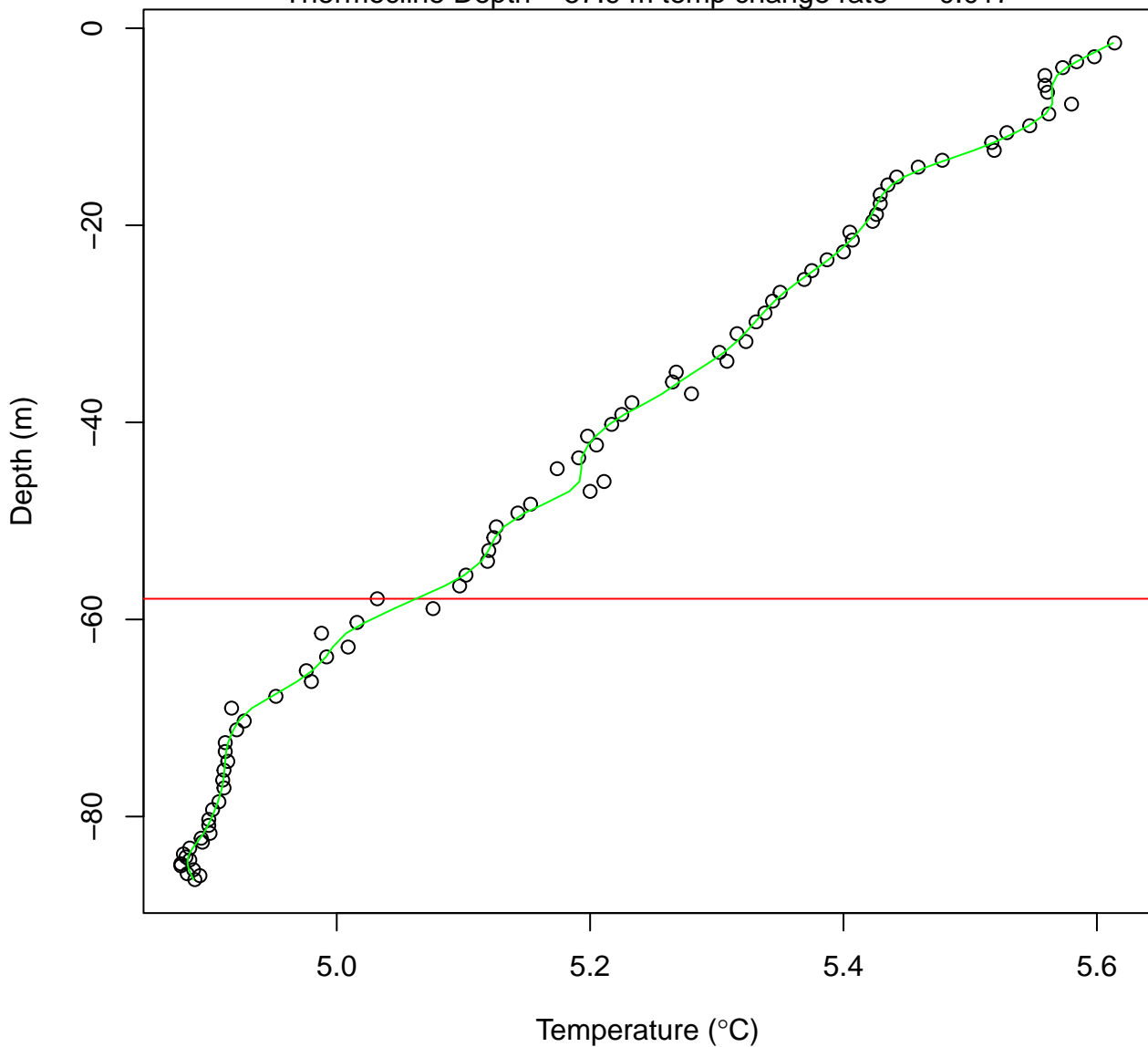
Vessel 176 Cruise 202201 Haul 90

Thermocline Depth = 176.2 m temp change rate = -0.056



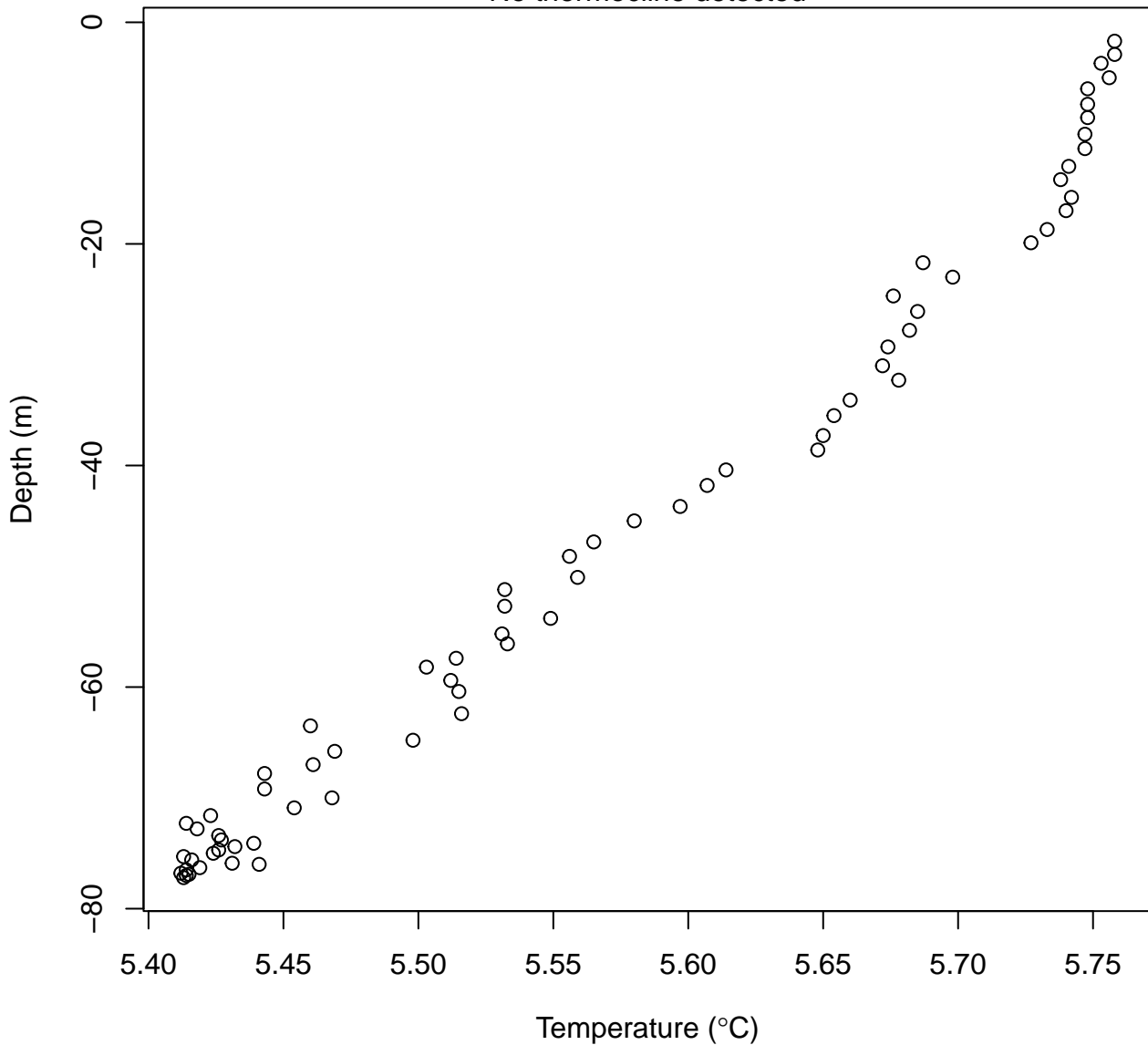
Vessel 176 Cruise 202201 Haul 91

Thermocline Depth = 57.9 m temp change rate = -0.017



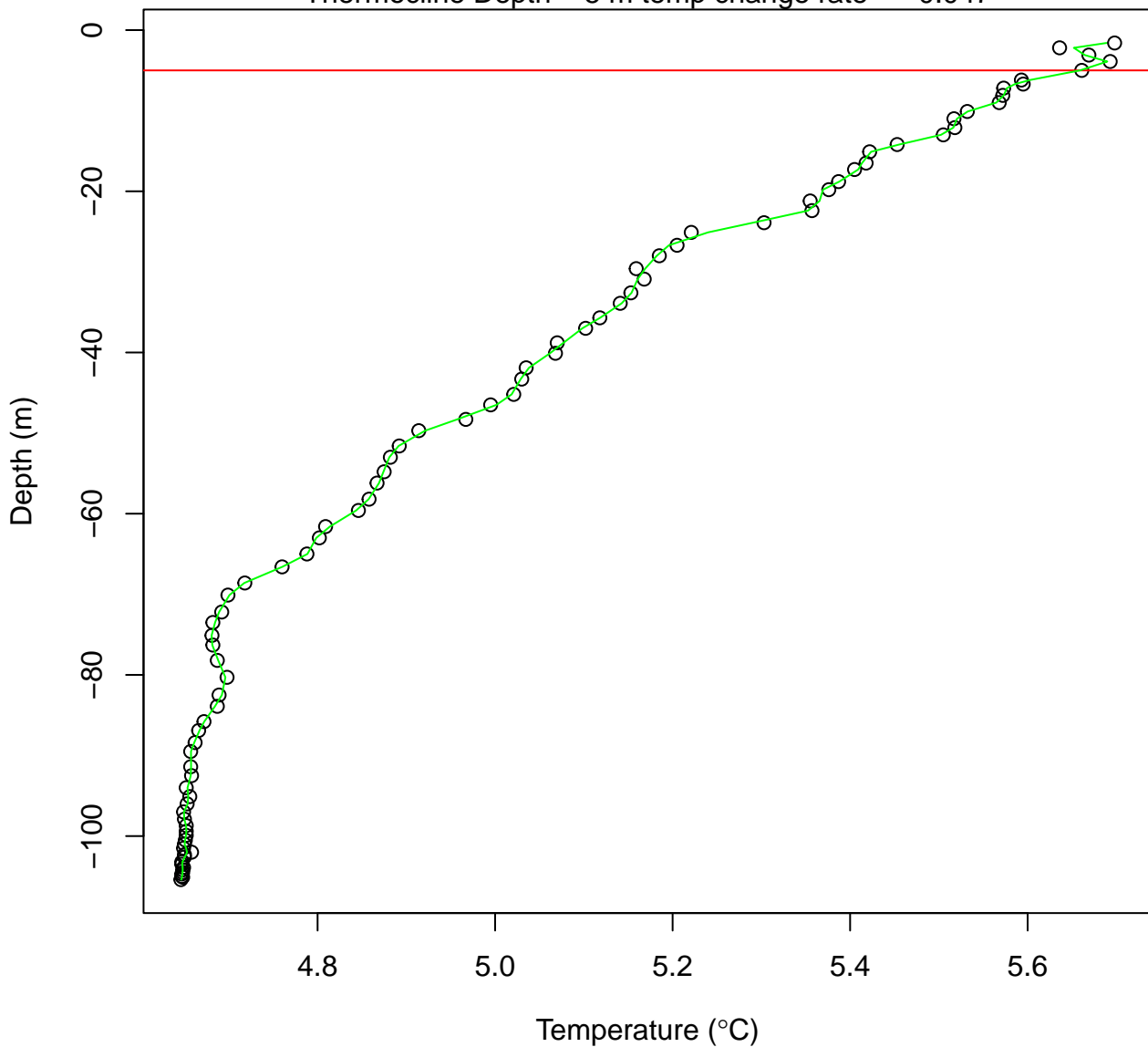
Vessel 176 Cruise 202201 Haul 92

No thermocline detected



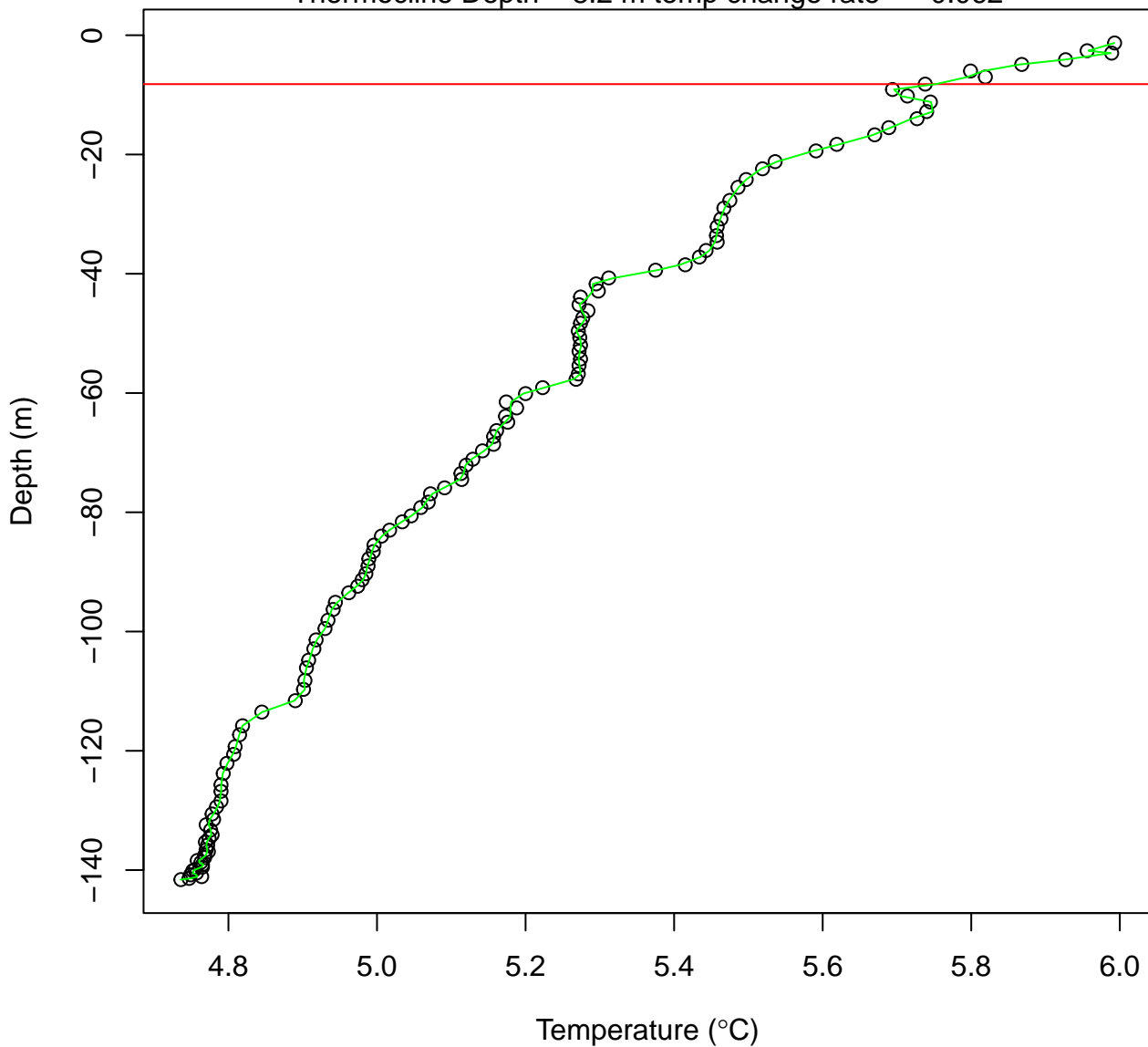
Vessel 176 Cruise 202201 Haul 93

Thermocline Depth = 5 m temp change rate = -0.047



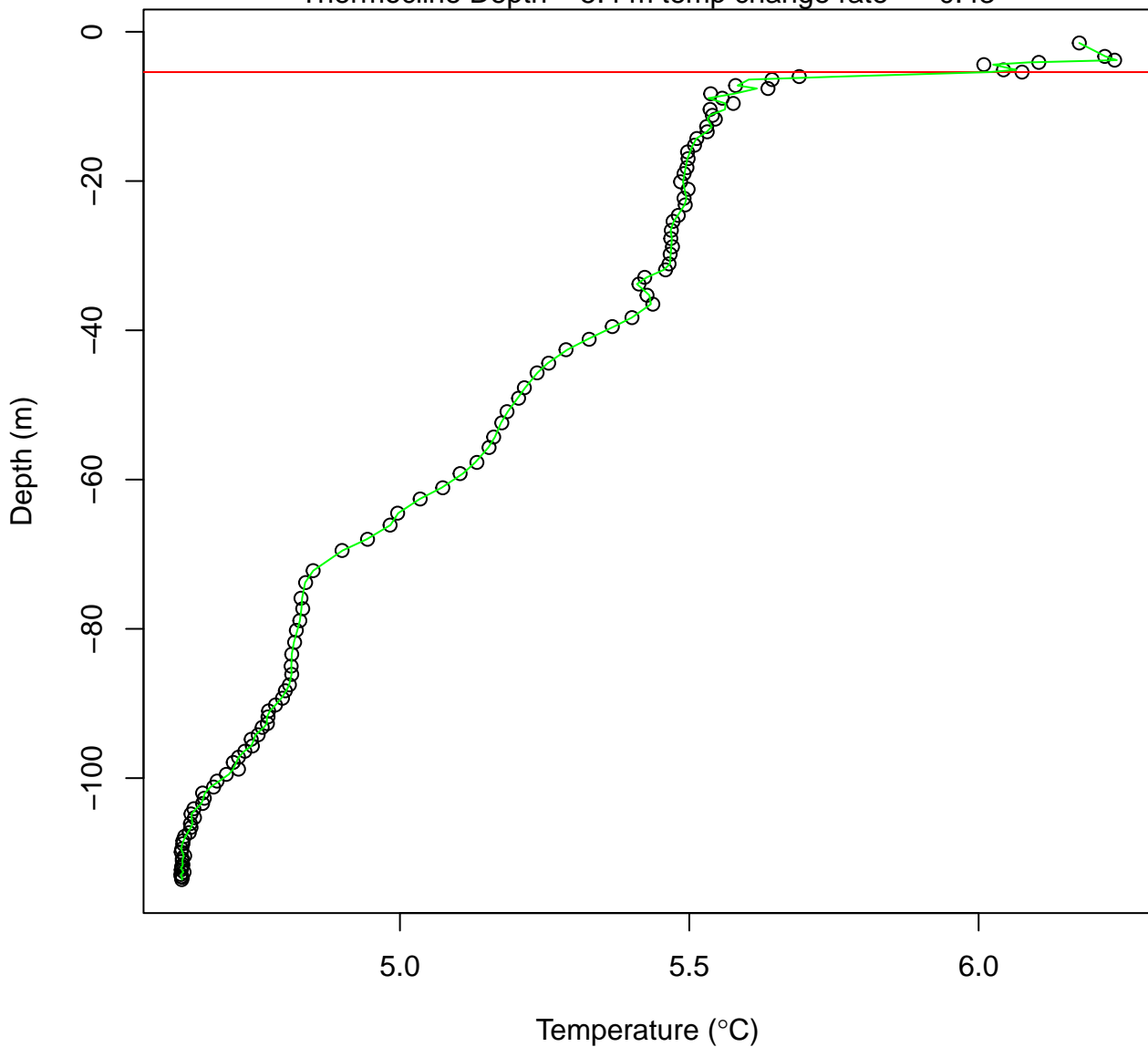
Vessel 176 Cruise 202201 Haul 94

Thermocline Depth = 8.2 m temp change rate = -0.062



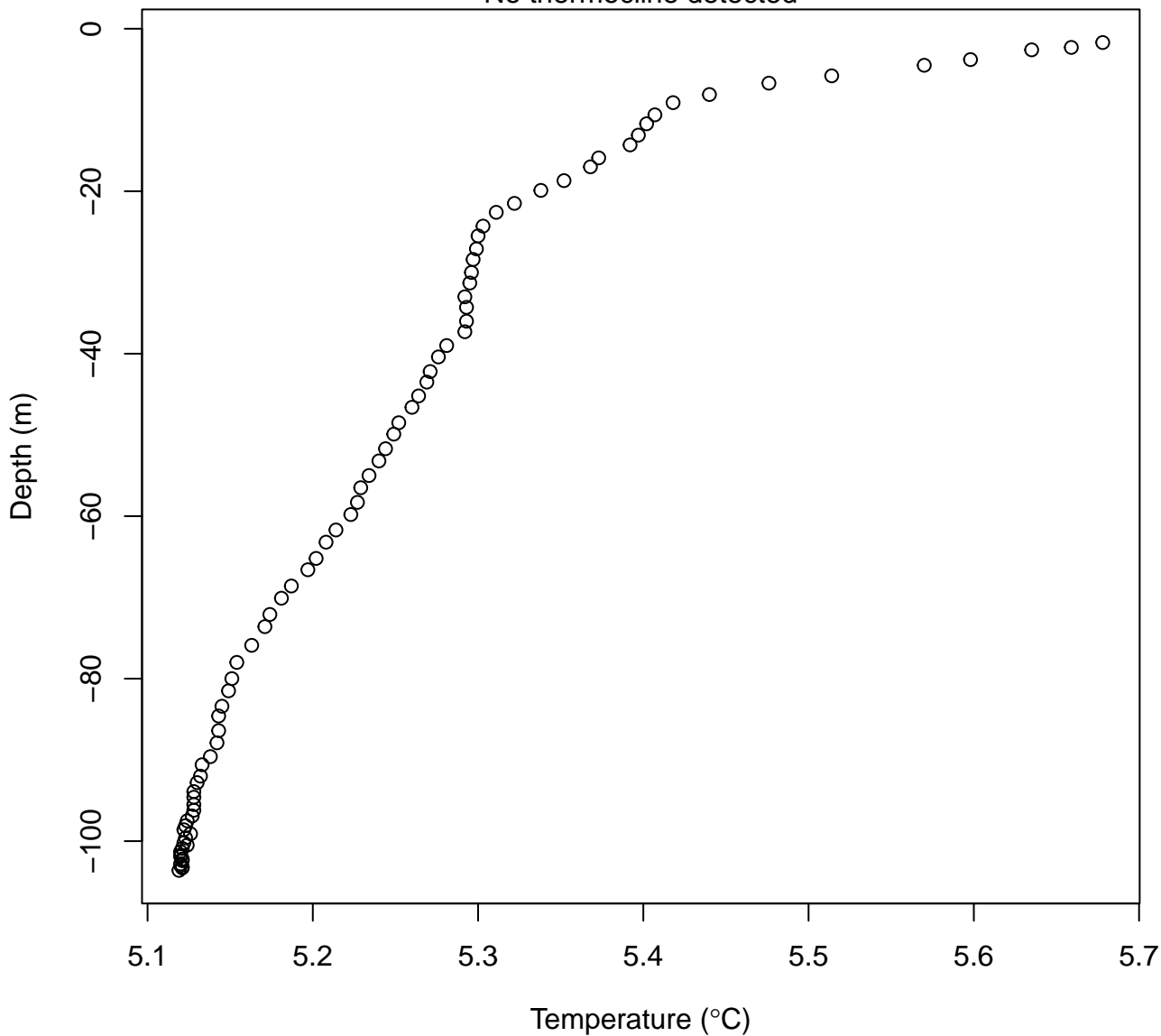
Vessel 176 Cruise 202201 Haul 95

Thermocline Depth = 5.4 m temp change rate = -0.43



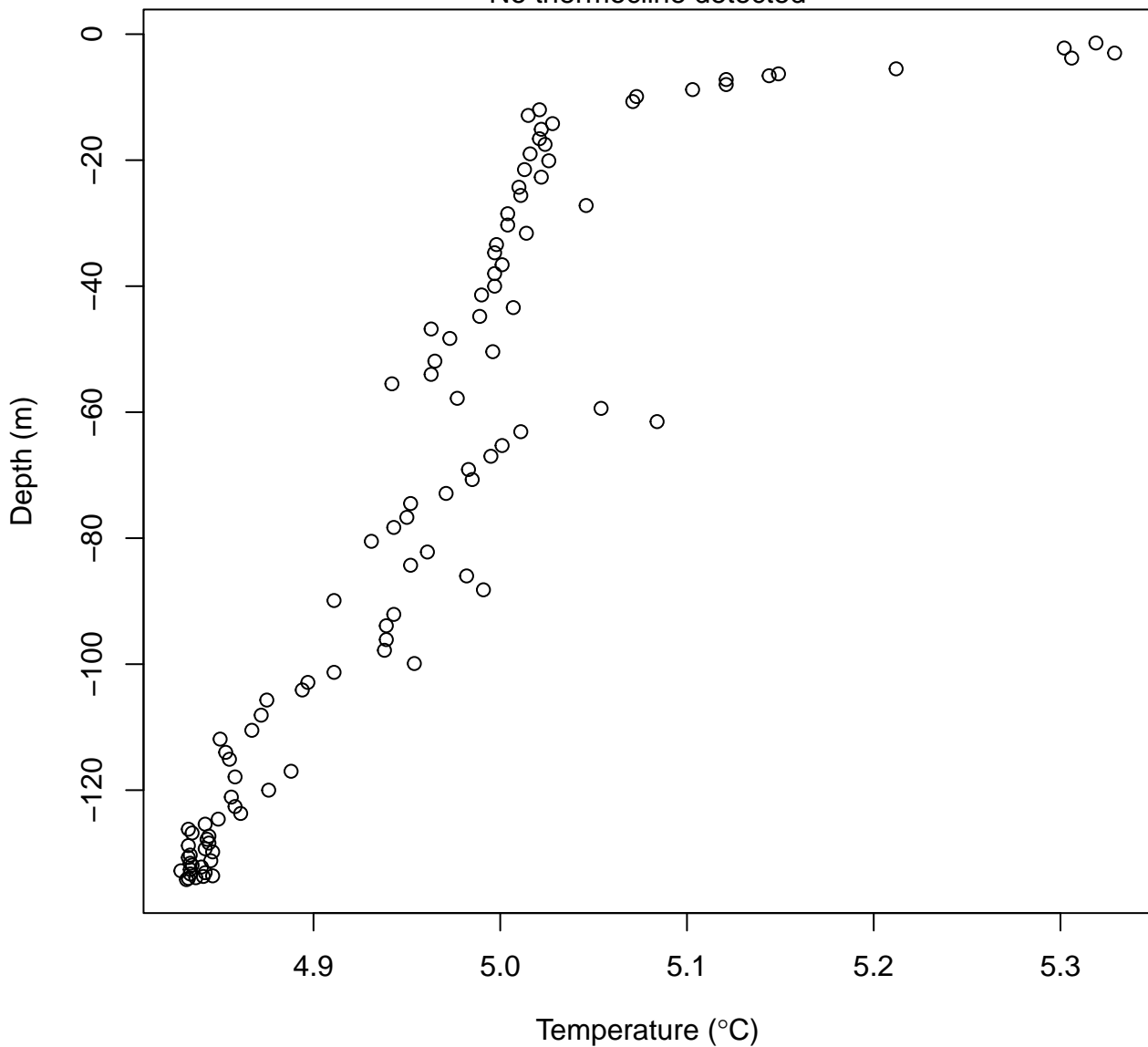
Vessel 176 Cruise 202201 Haul 96

No thermocline detected



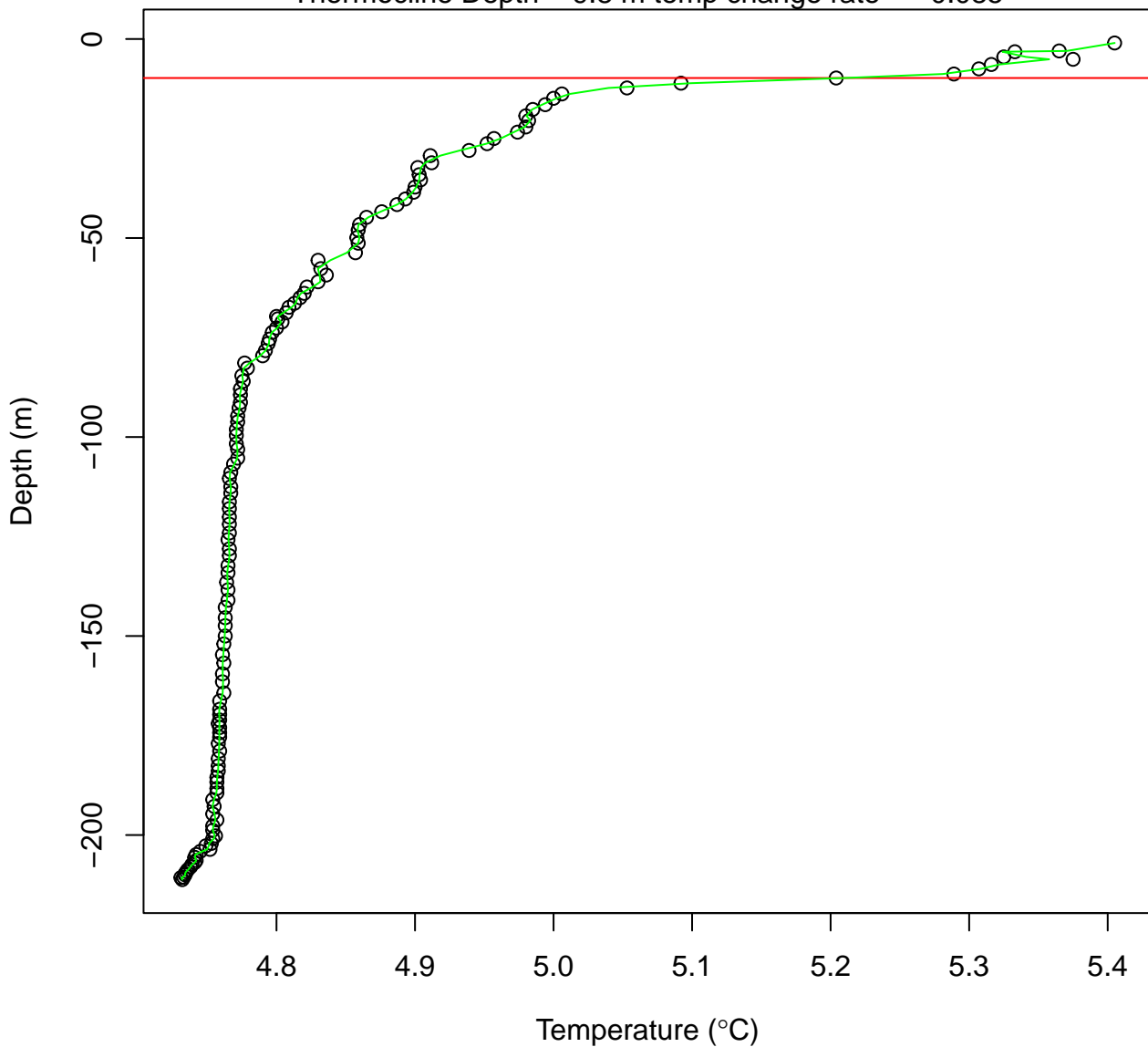
Vessel 176 Cruise 202201 Haul 97

No thermocline detected



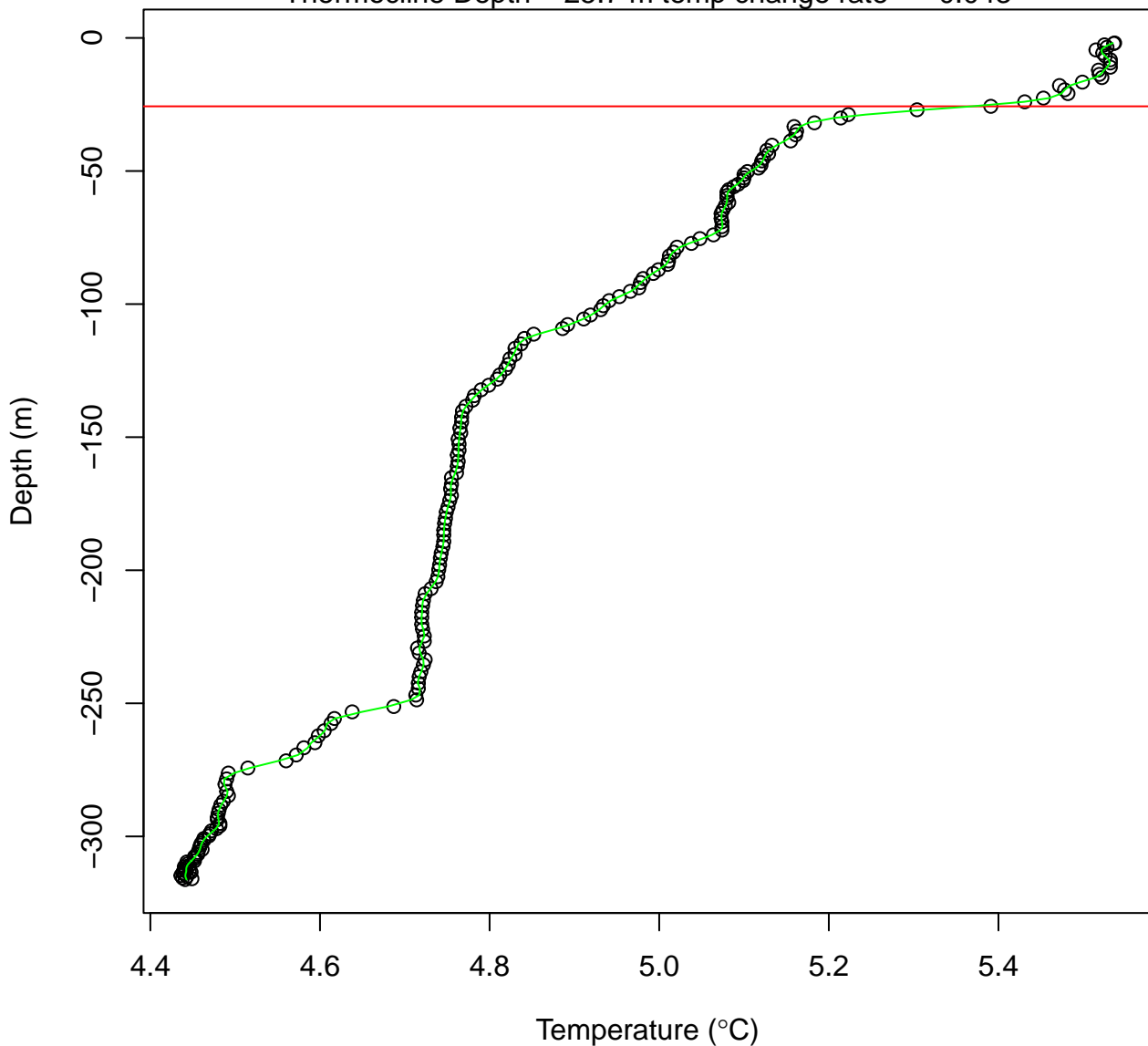
Vessel 176 Cruise 202201 Haul 98

Thermocline Depth = 9.8 m temp change rate = -0.085



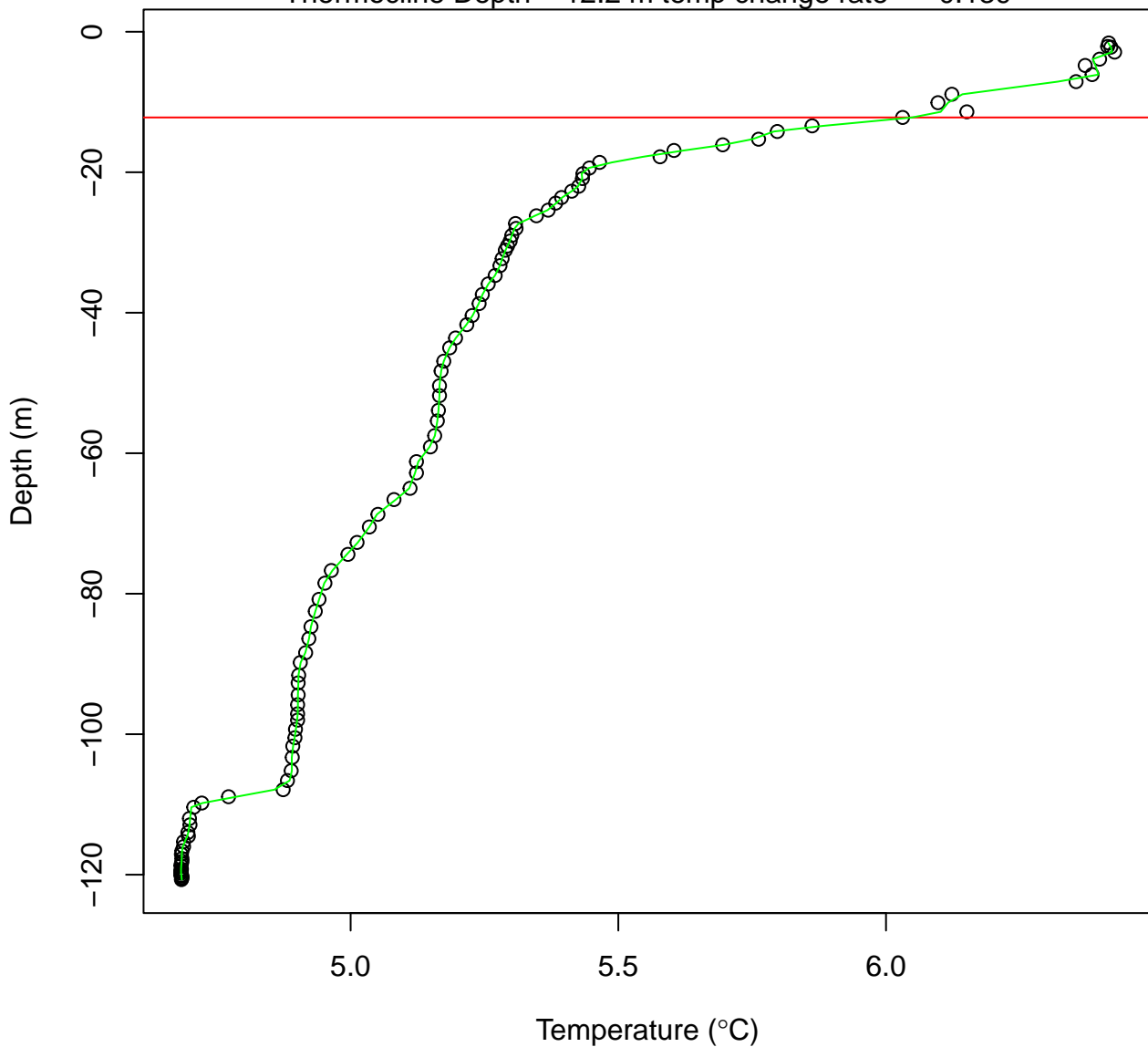
Vessel 176 Cruise 202201 Haul 99

Thermocline Depth = 25.7 m temp change rate = -0.043



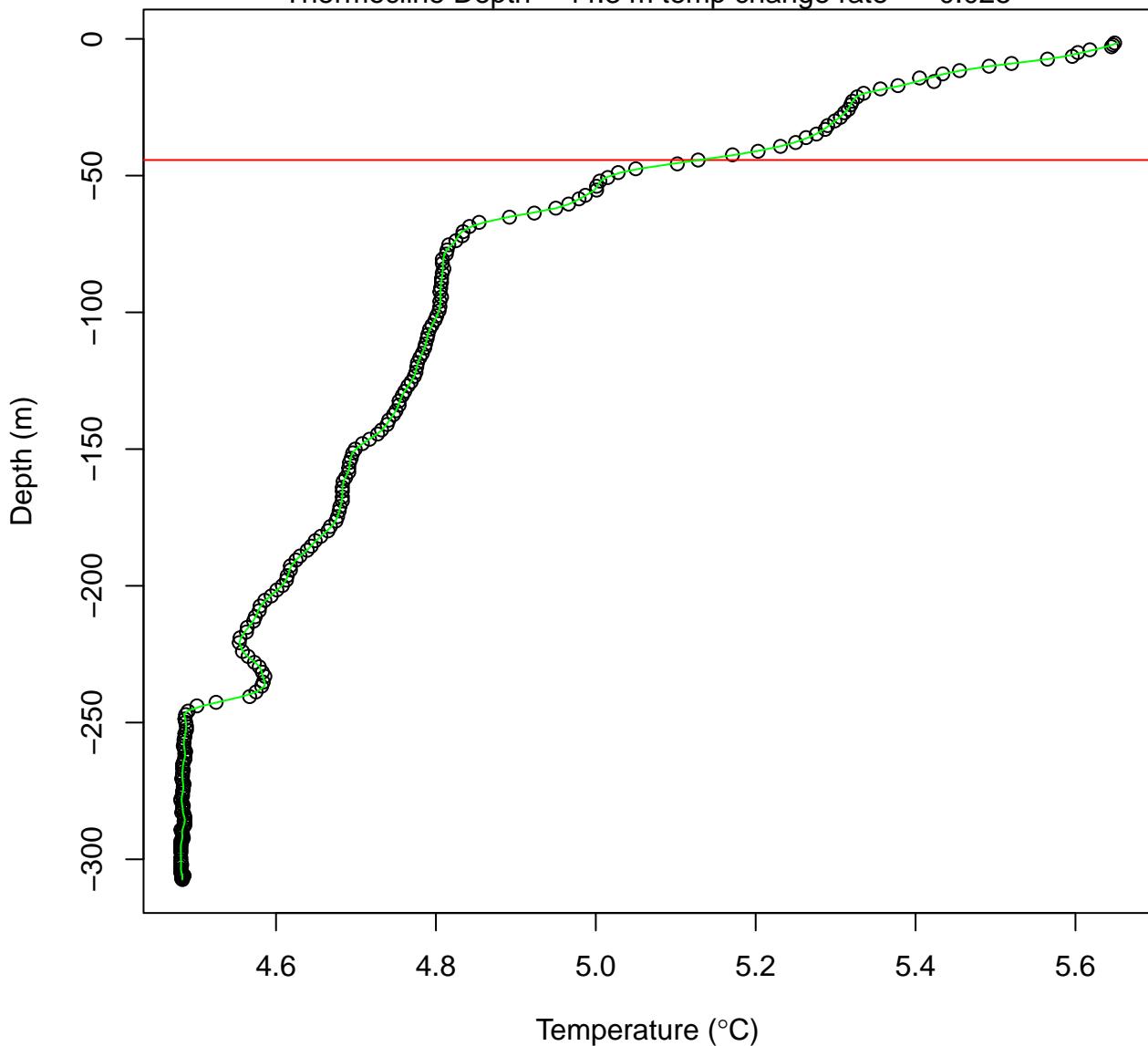
Vessel 176 Cruise 202201 Haul 100

Thermocline Depth = 12.2 m temp change rate = -0.139



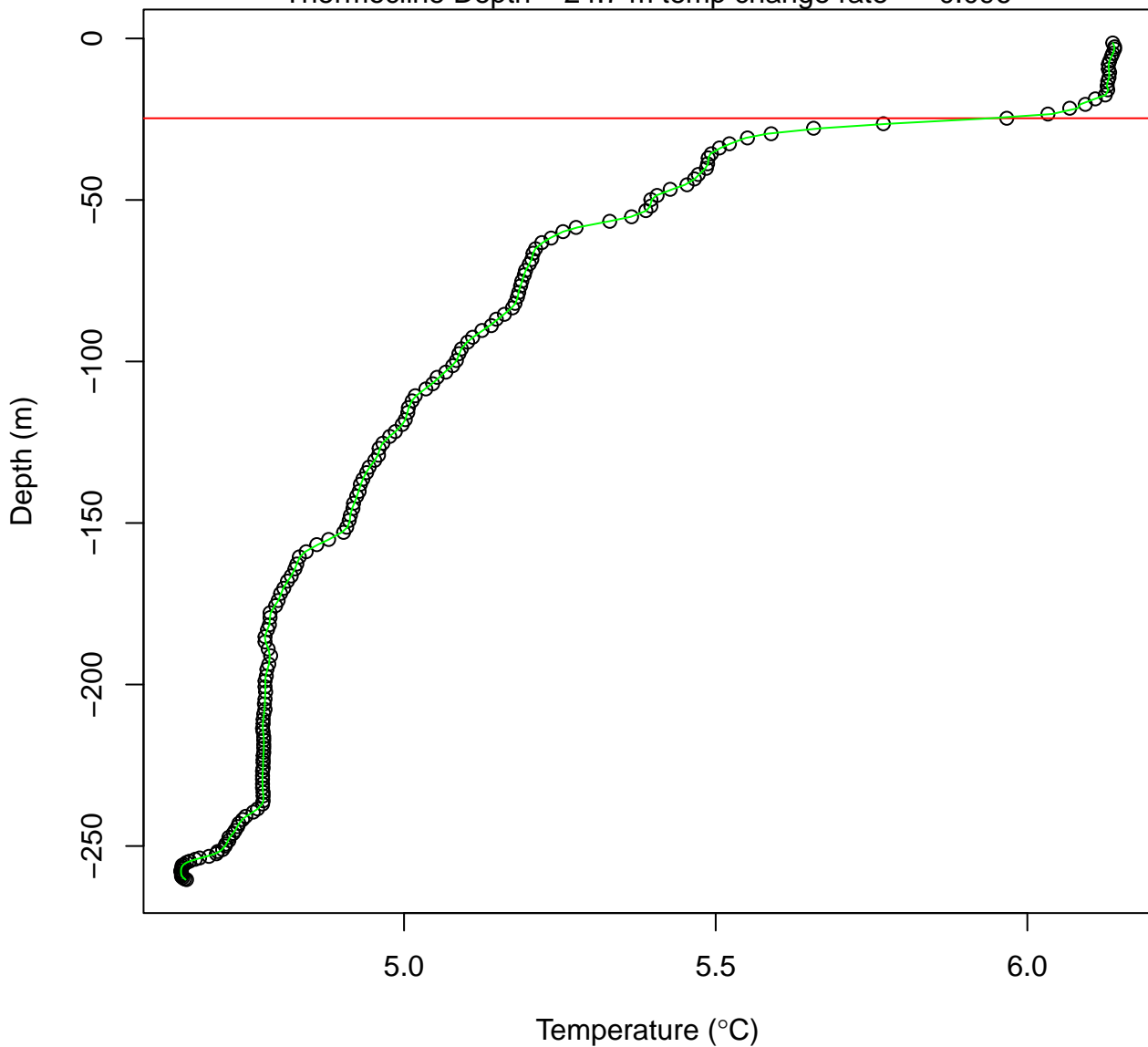
Vessel 176 Cruise 202201 Haul 101

Thermocline Depth = 44.3 m temp change rate = -0.025



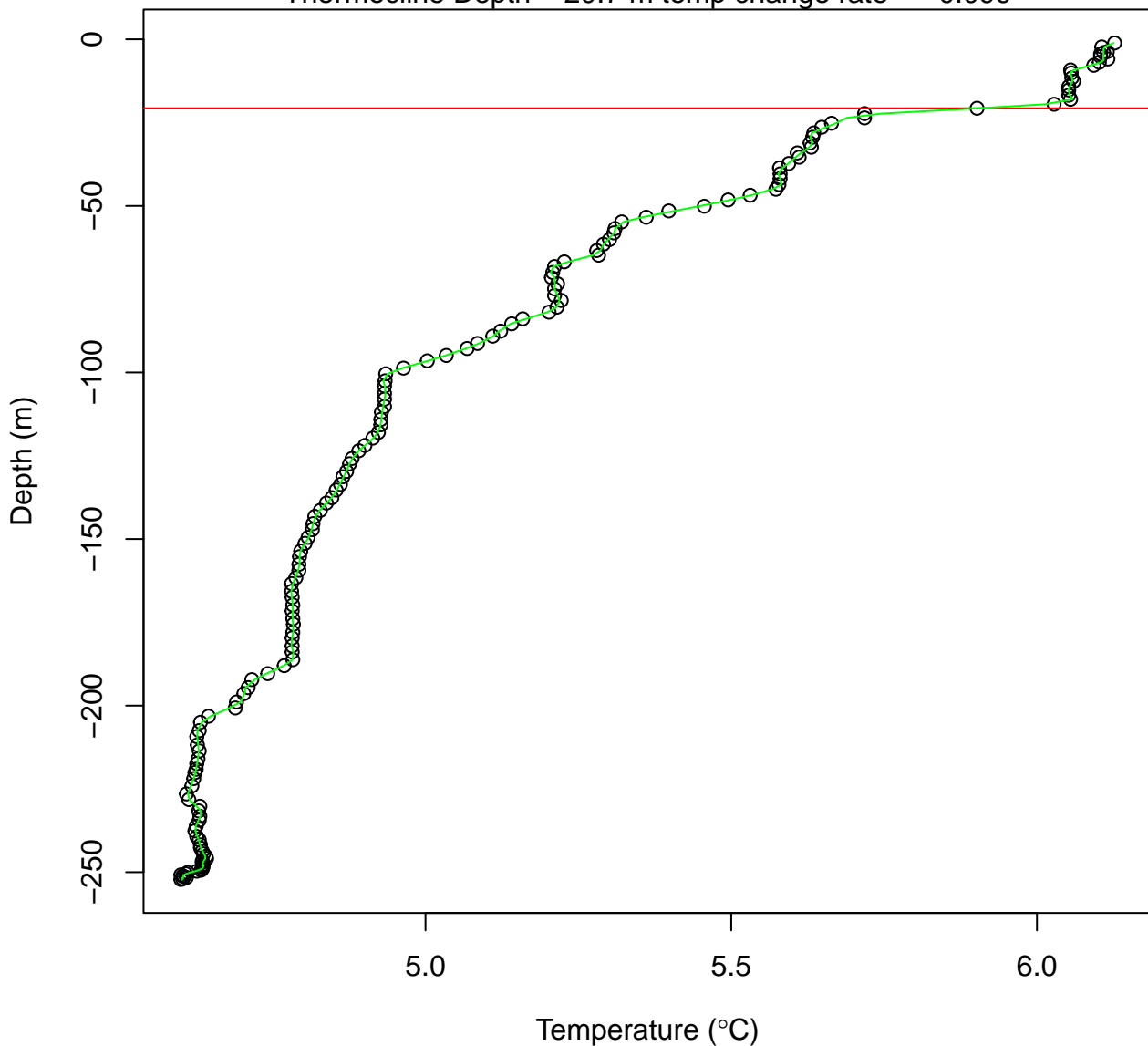
Vessel 176 Cruise 202201 Haul 102

Thermocline Depth = 24.7 m temp change rate = -0.096



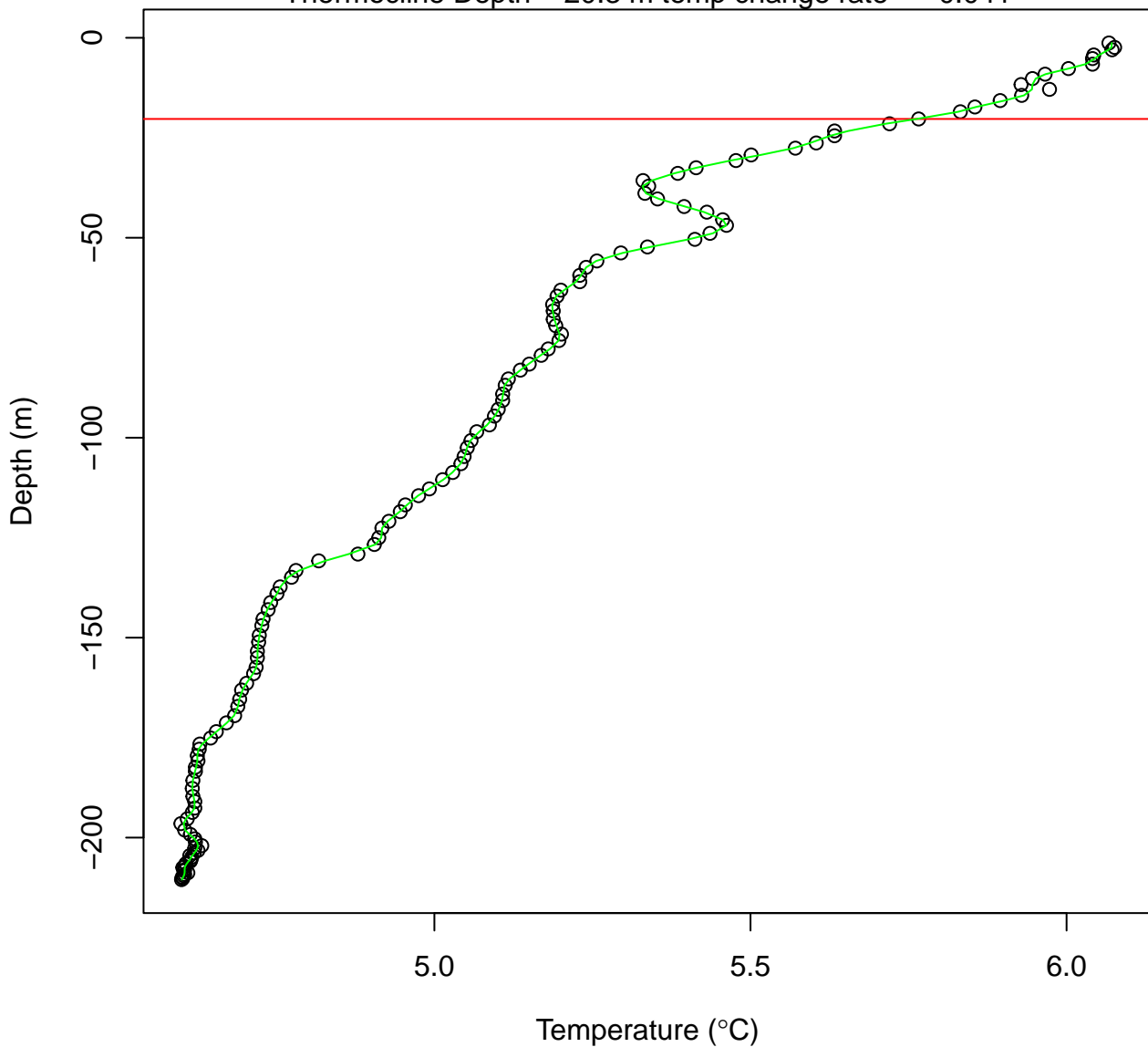
Vessel 176 Cruise 202201 Haul 103

Thermocline Depth = 20.7 m temp change rate = -0.099



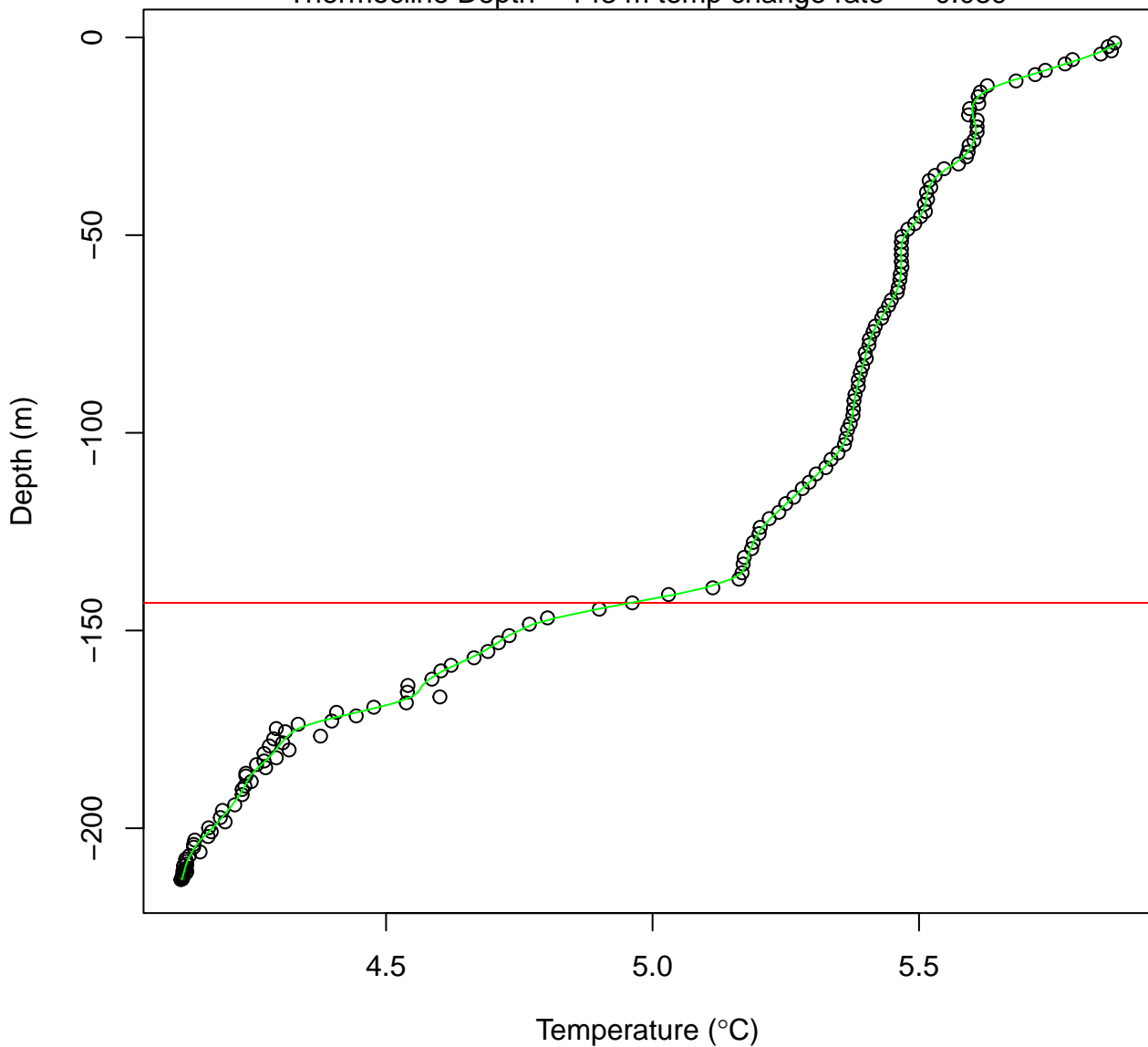
Vessel 176 Cruise 202201 Haul 104

Thermocline Depth = 20.3 m temp change rate = -0.041



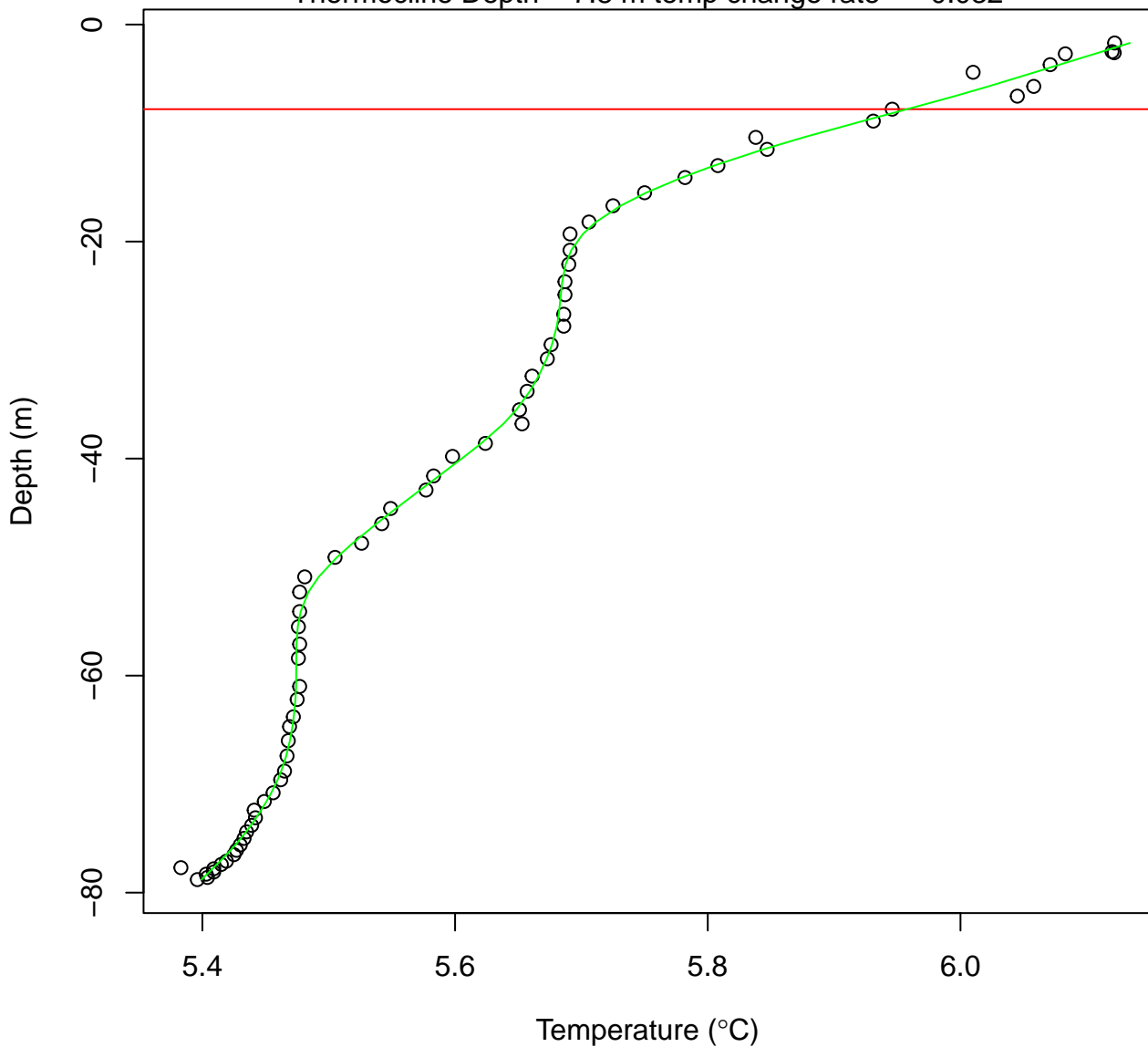
Vessel 176 Cruise 202201 Haul 105

Thermocline Depth = 143 m temp change rate = -0.039



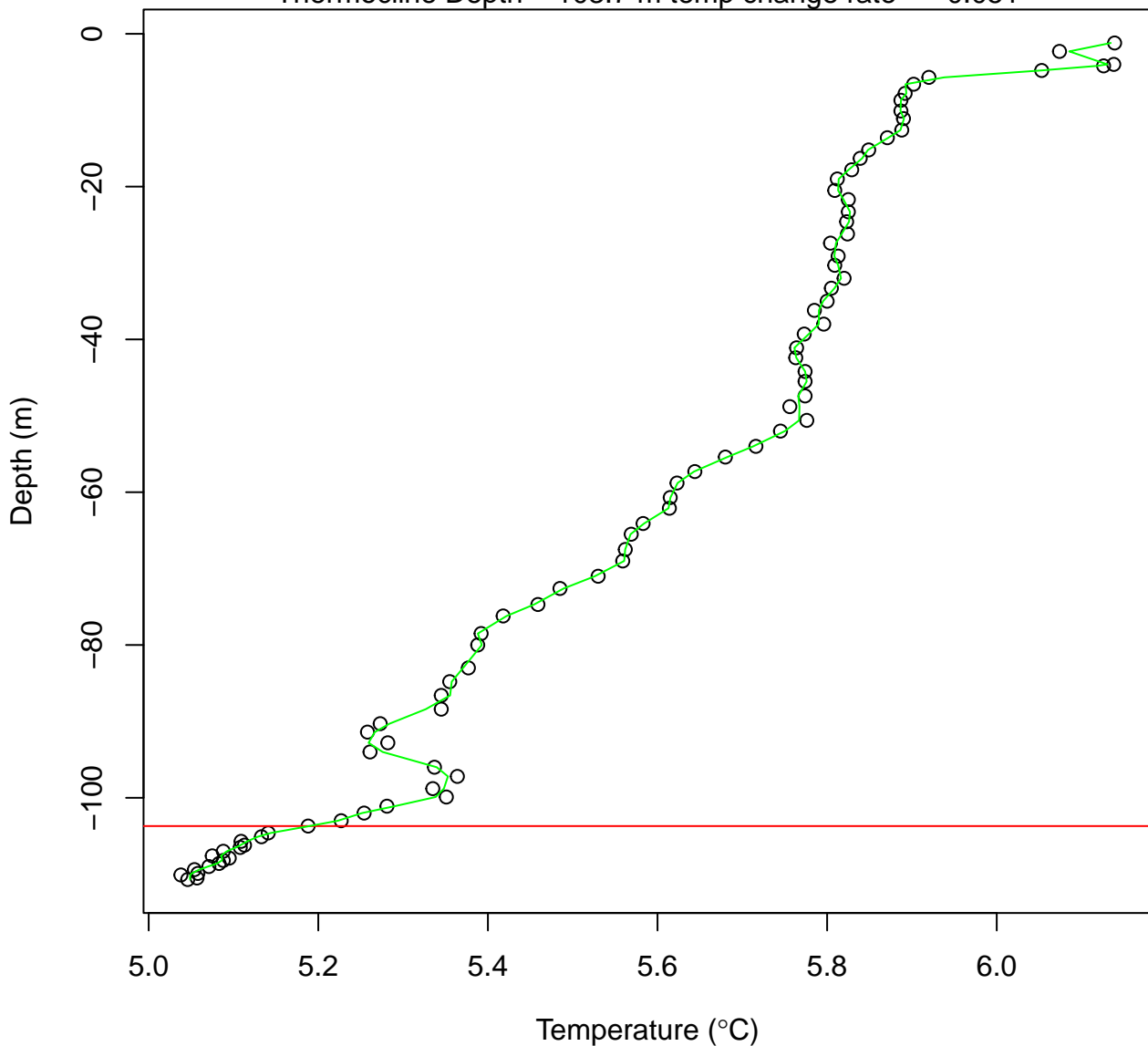
Vessel 176 Cruise 202201 Haul 106

Thermocline Depth = 7.8 m temp change rate = -0.032



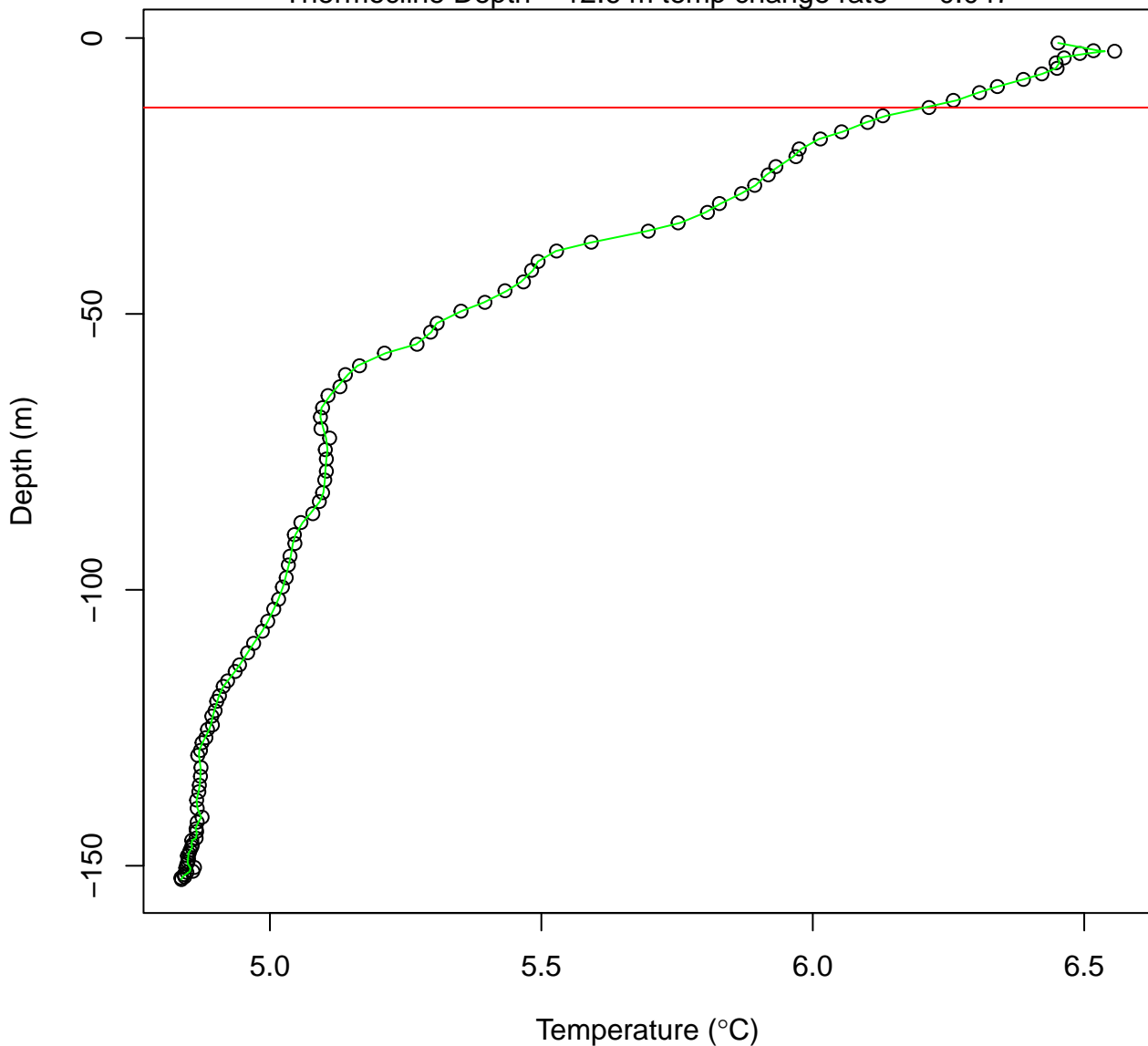
Vessel 176 Cruise 202201 Haul 107

Thermocline Depth = 103.7 m temp change rate = -0.051



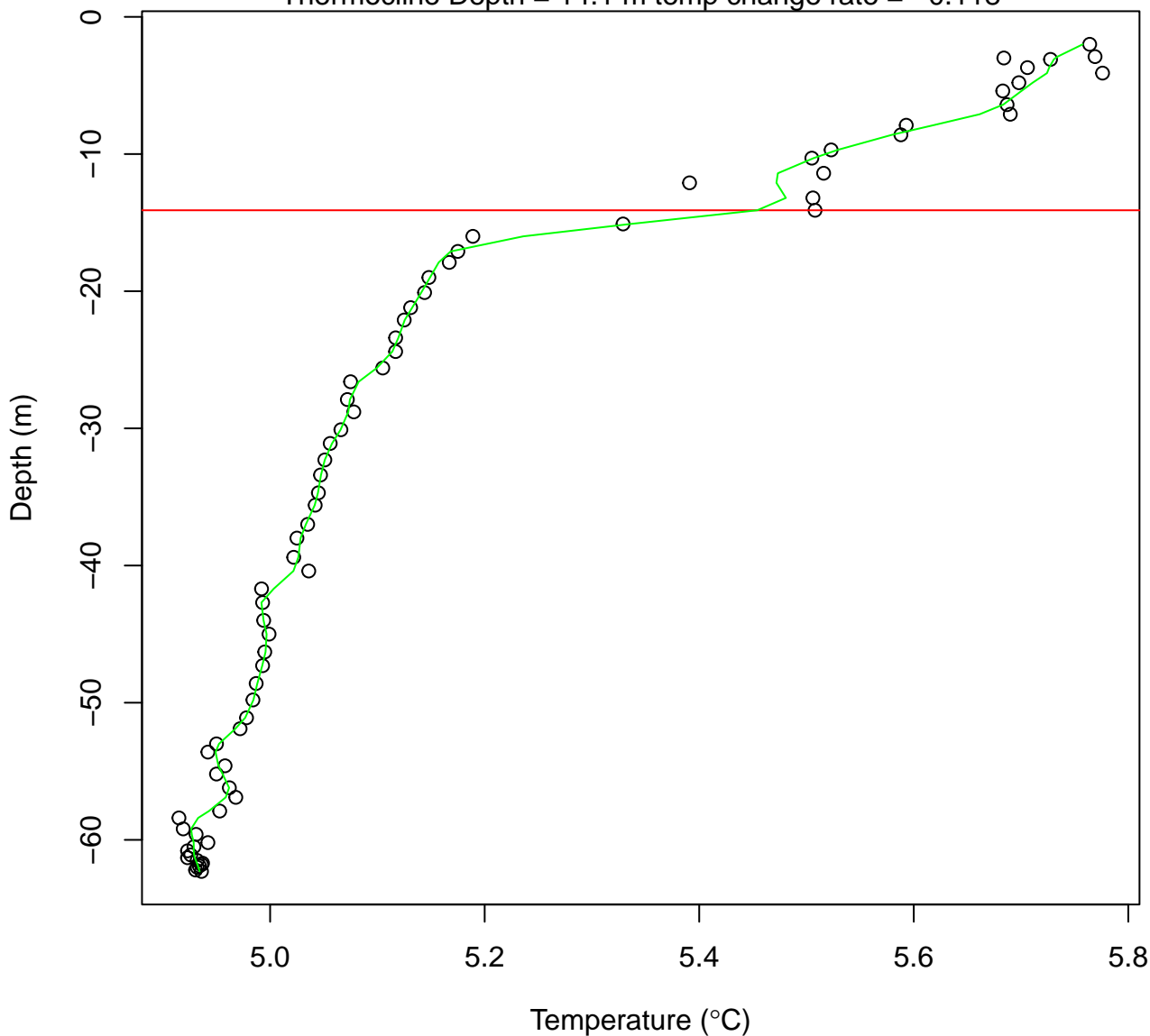
Vessel 176 Cruise 202201 Haul 108

Thermocline Depth = 12.6 m temp change rate = -0.047



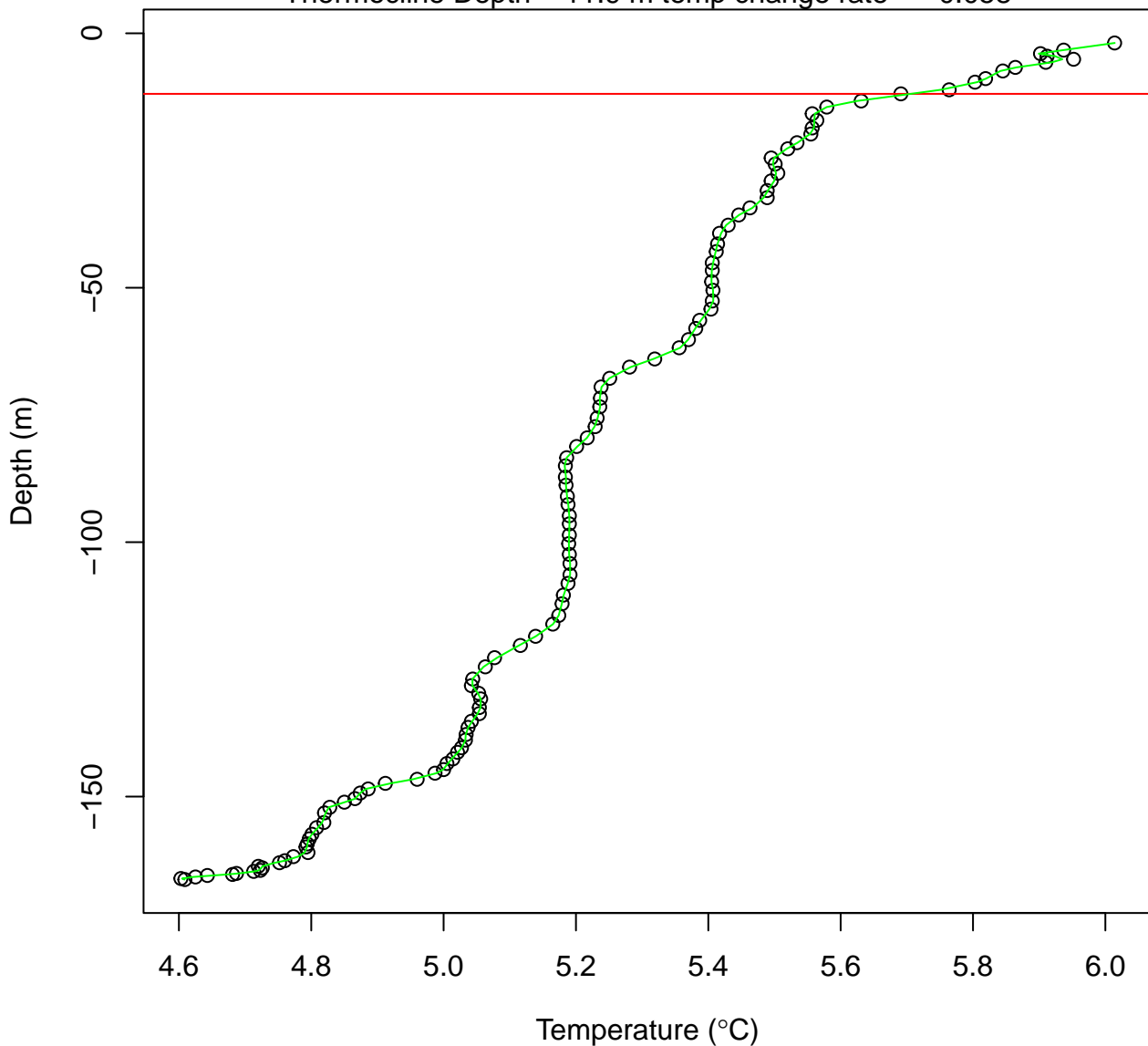
Vessel 176 Cruise 202201 Haul 109

Thermocline Depth = 14.1 m temp change rate = -0.118



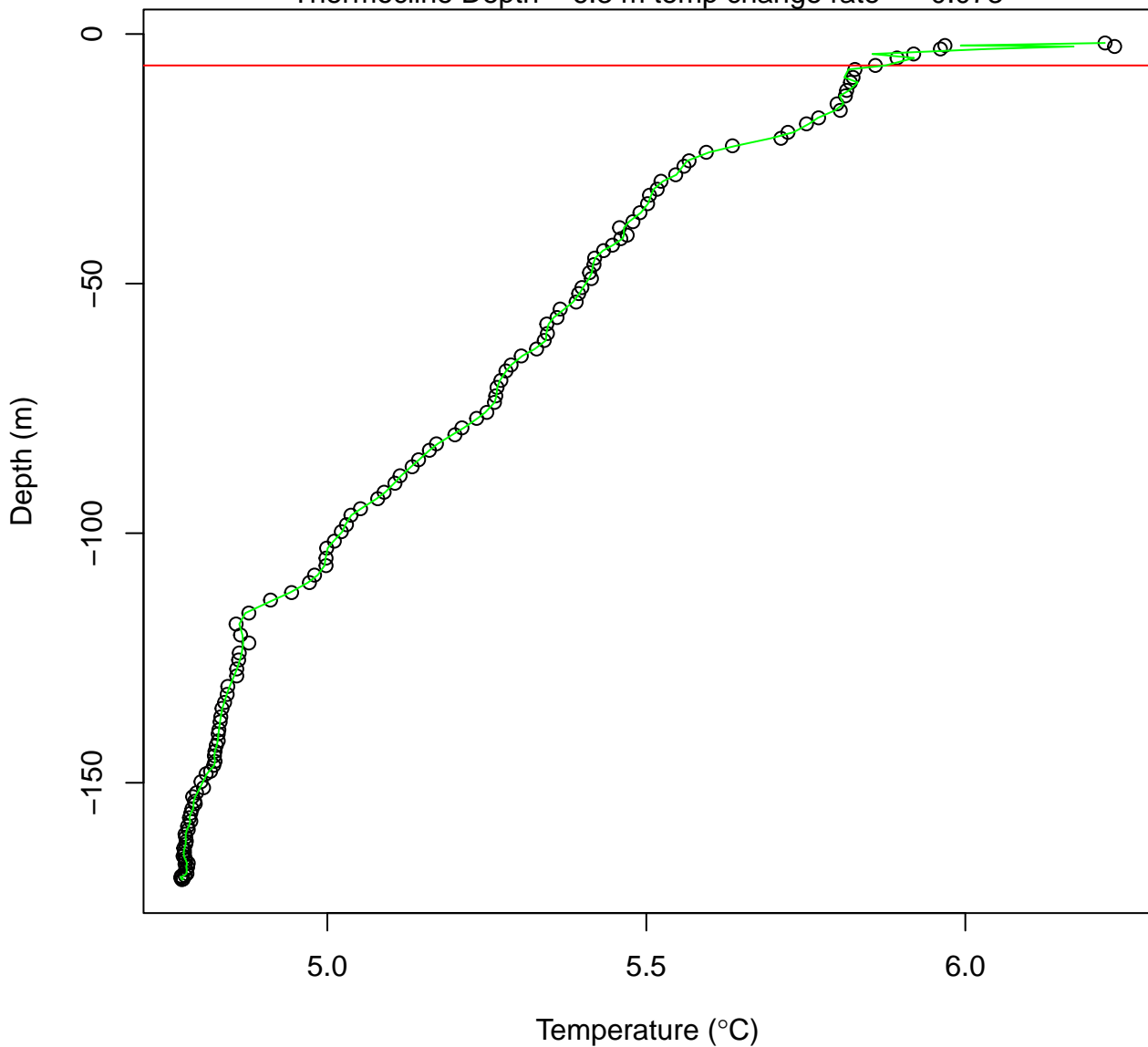
Vessel 176 Cruise 202201 Haul 110

Thermocline Depth = 11.9 m temp change rate = -0.058



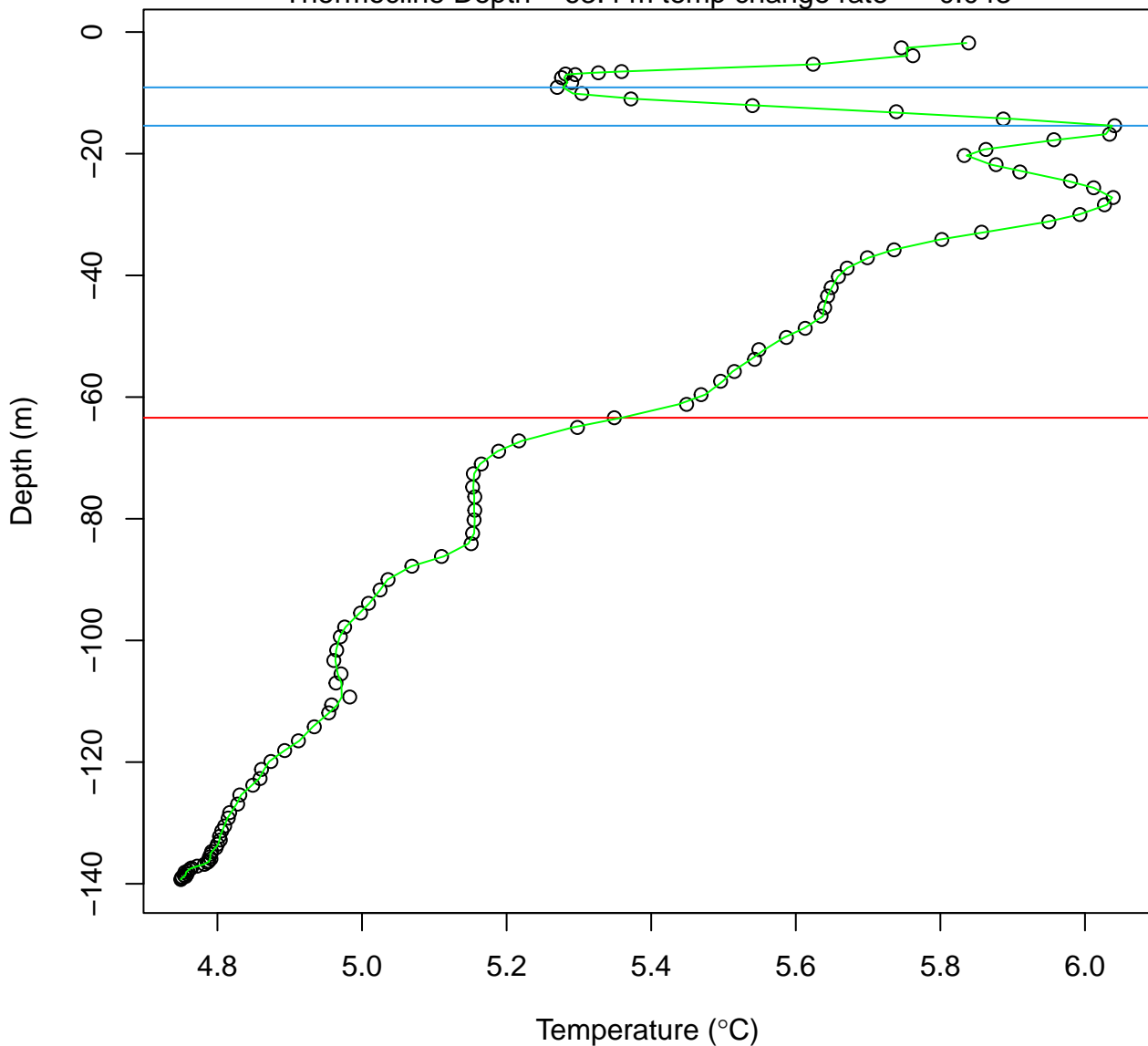
Vessel 176 Cruise 202201 Haul 111

Thermocline Depth = 6.3 m temp change rate = -0.073



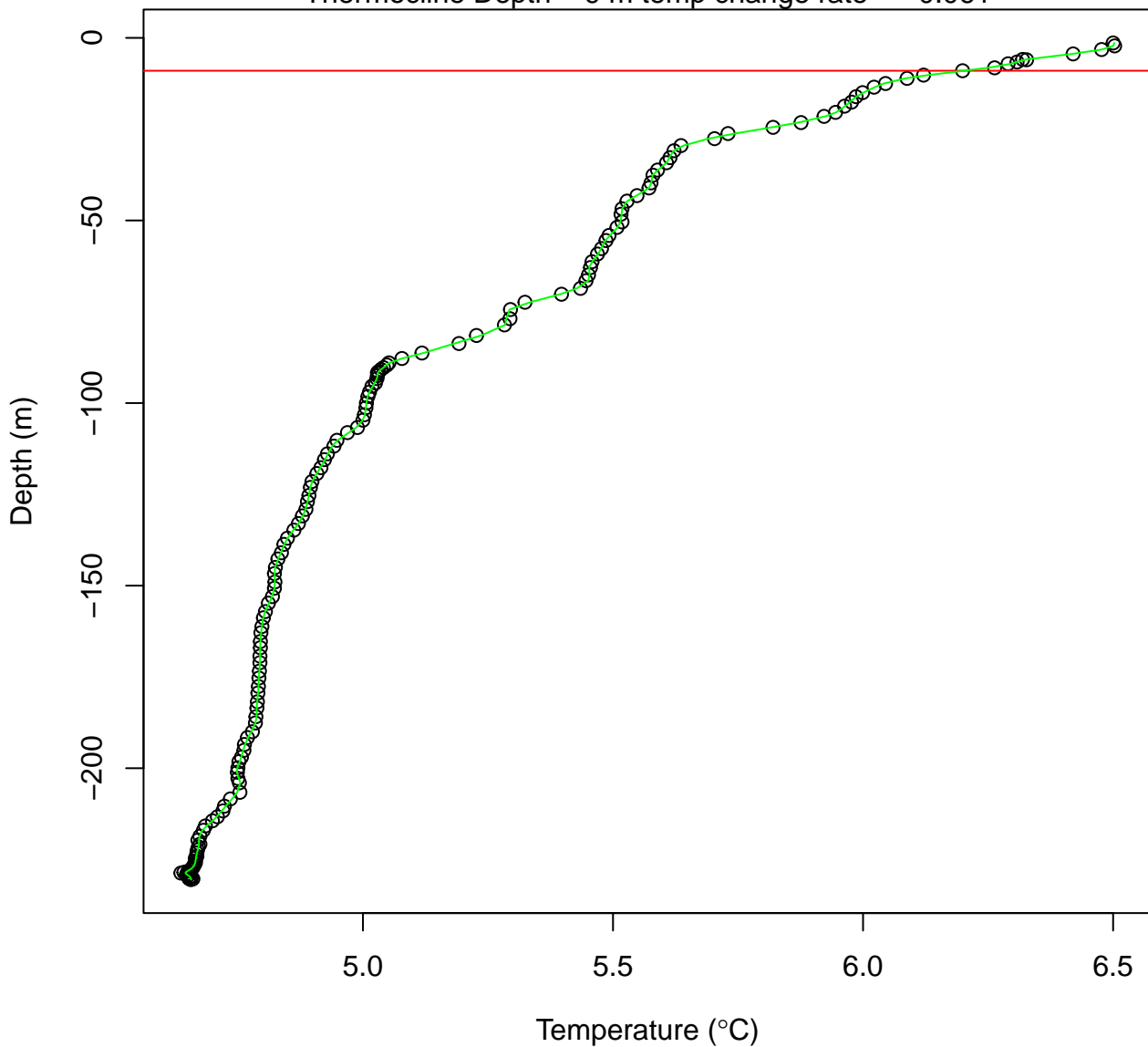
Vessel 176 Cruise 202201 Haul 112

Thermocline Depth = 63.4 m temp change rate = -0.043



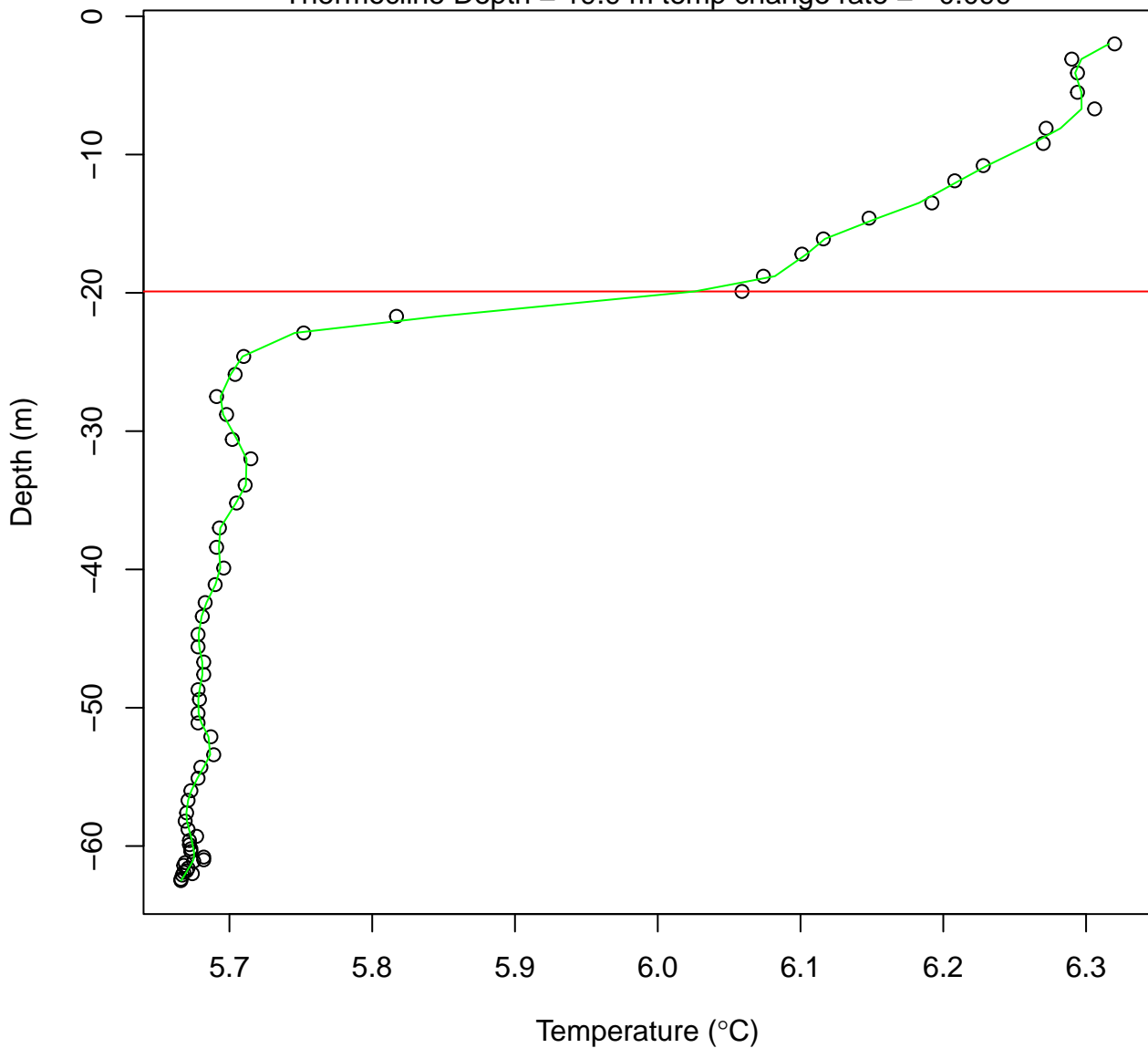
Vessel 176 Cruise 202201 Haul 113

Thermocline Depth = 9 m temp change rate = -0.061



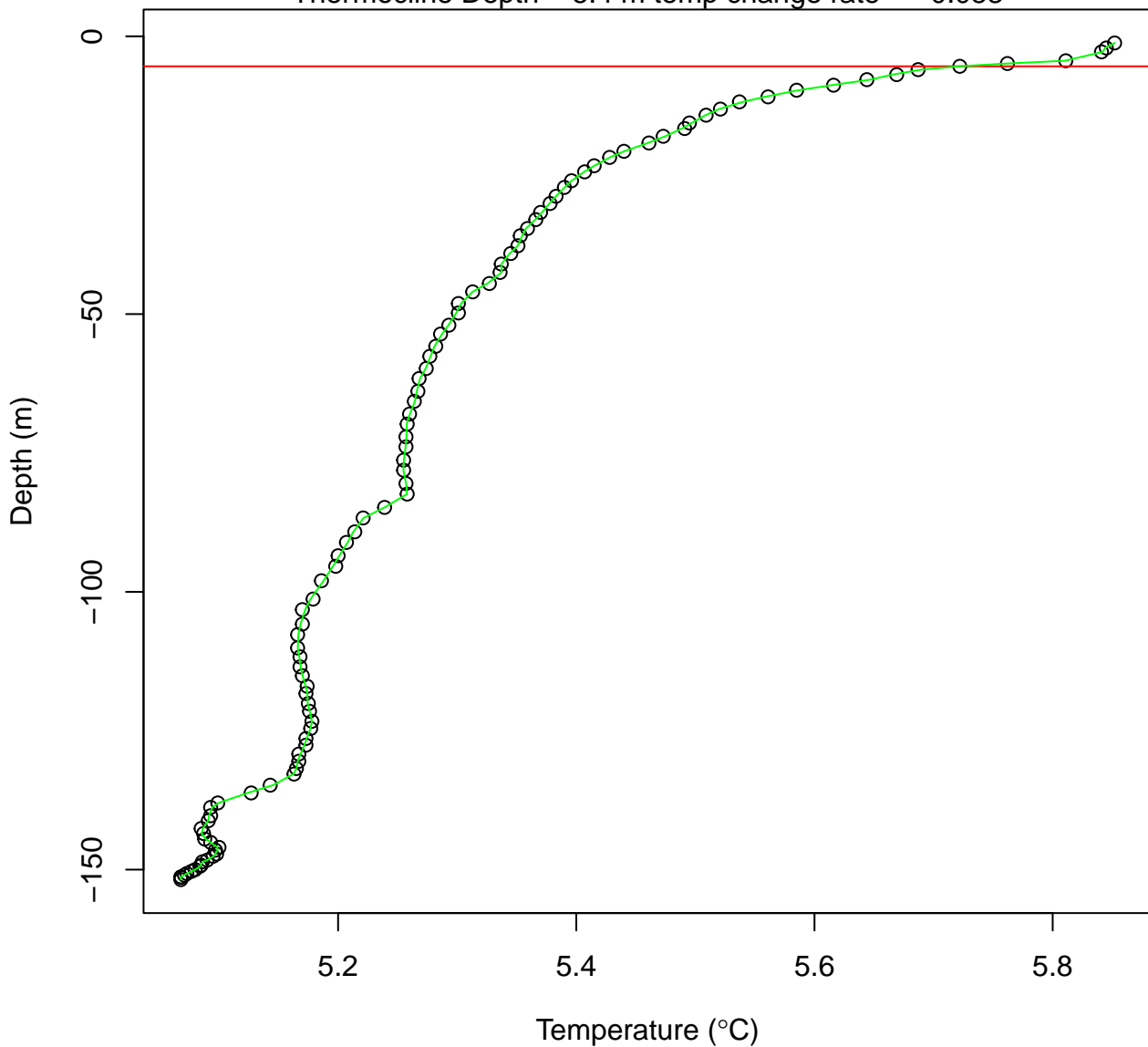
Vessel 176 Cruise 202201 Haul 114

Thermocline Depth = 19.9 m temp change rate = -0.099



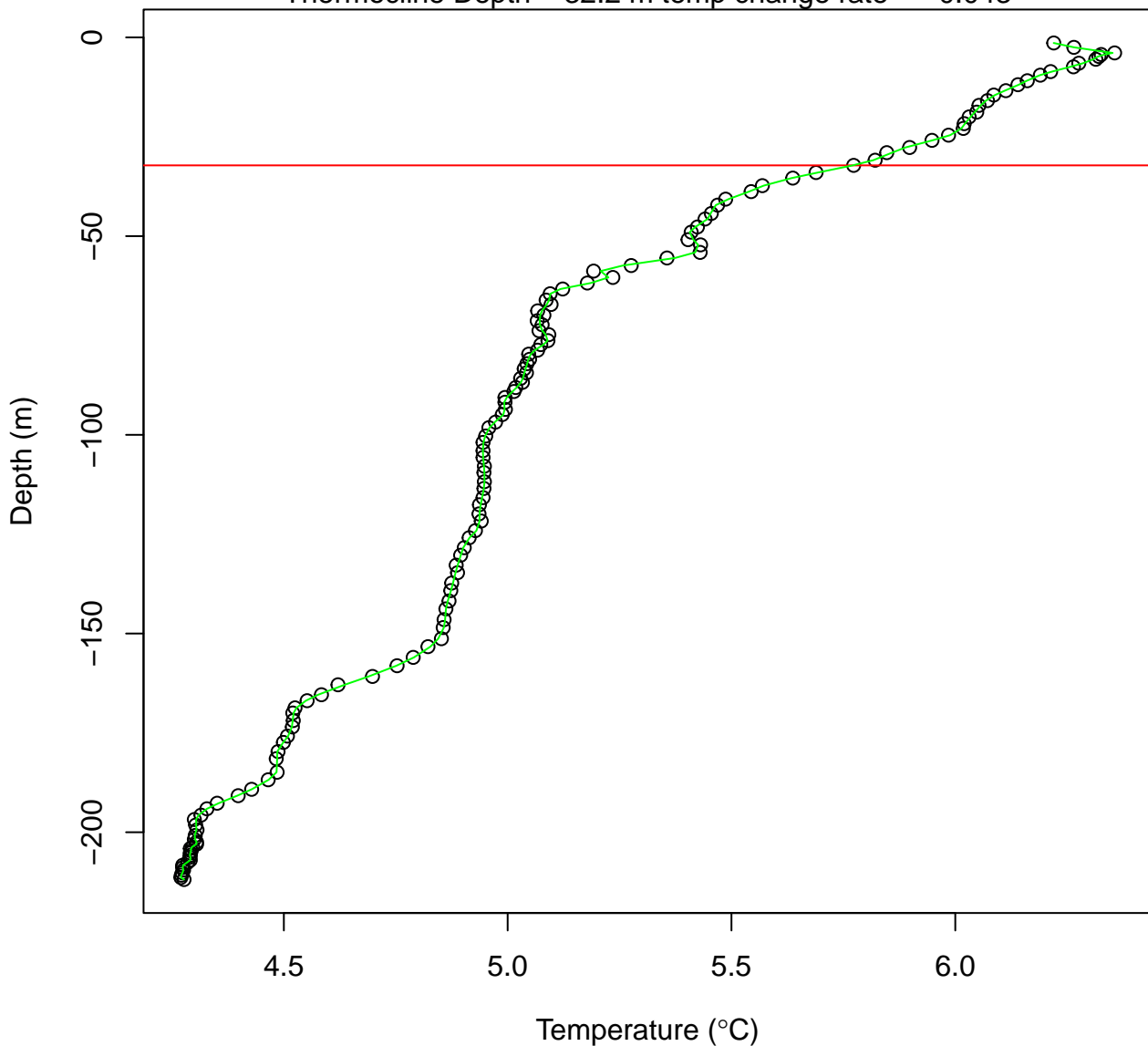
Vessel 176 Cruise 202201 Haul 115

Thermocline Depth = 5.4 m temp change rate = -0.053



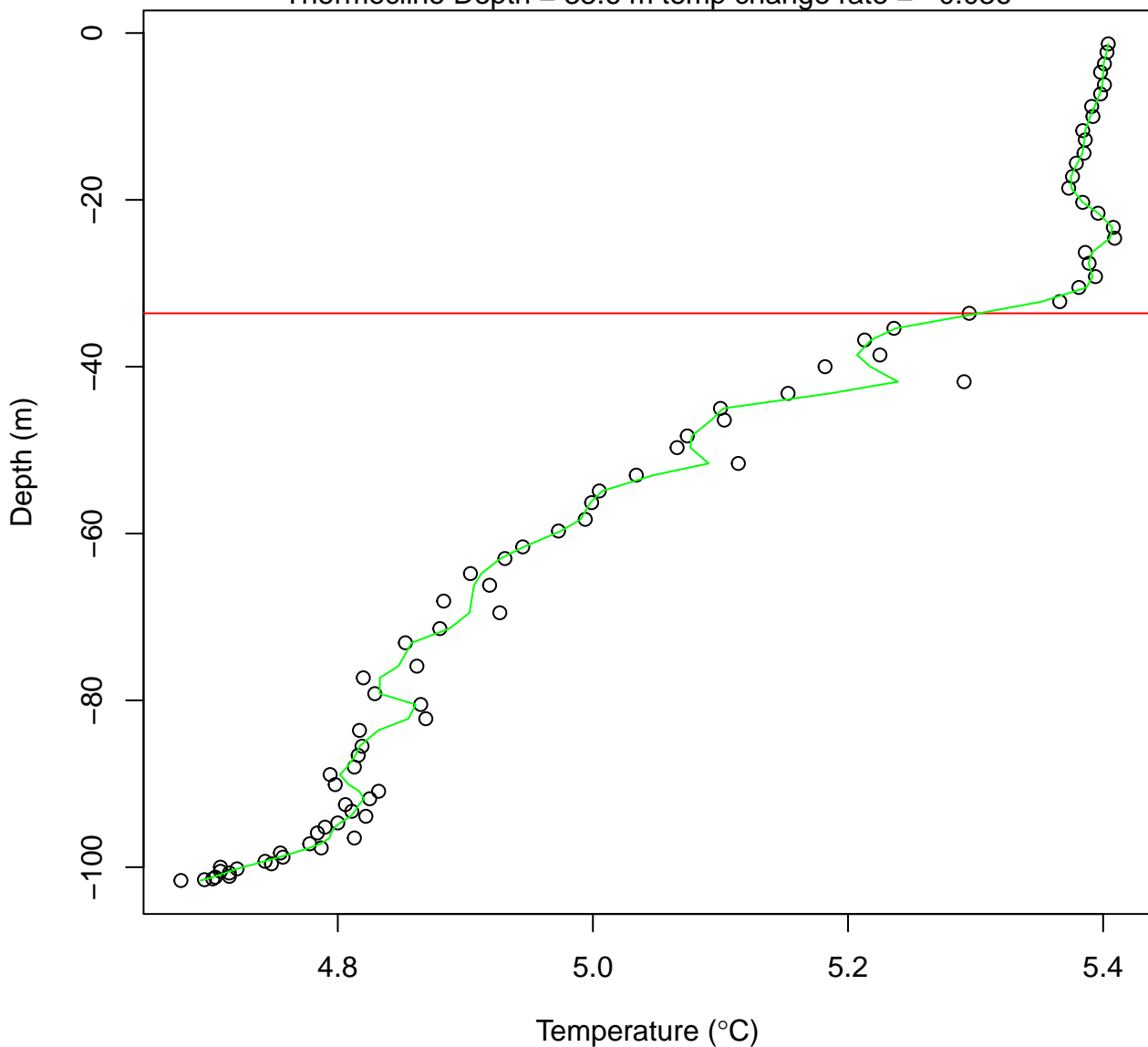
Vessel 176 Cruise 202201 Haul 116

Thermocline Depth = 32.2 m temp change rate = -0.043



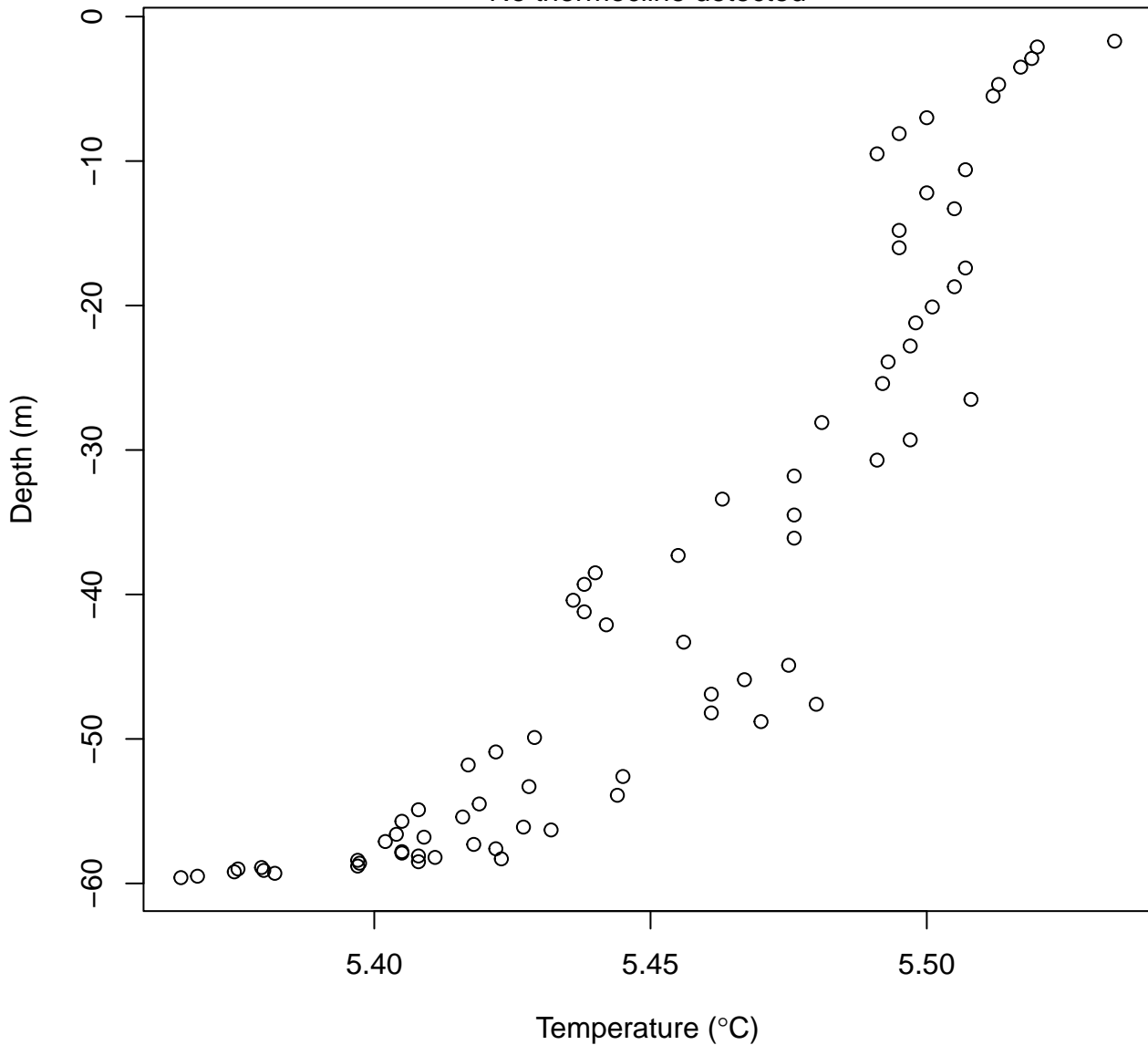
Vessel 176 Cruise 202201 Haul 117

Thermocline Depth = 33.6 m temp change rate = -0.036



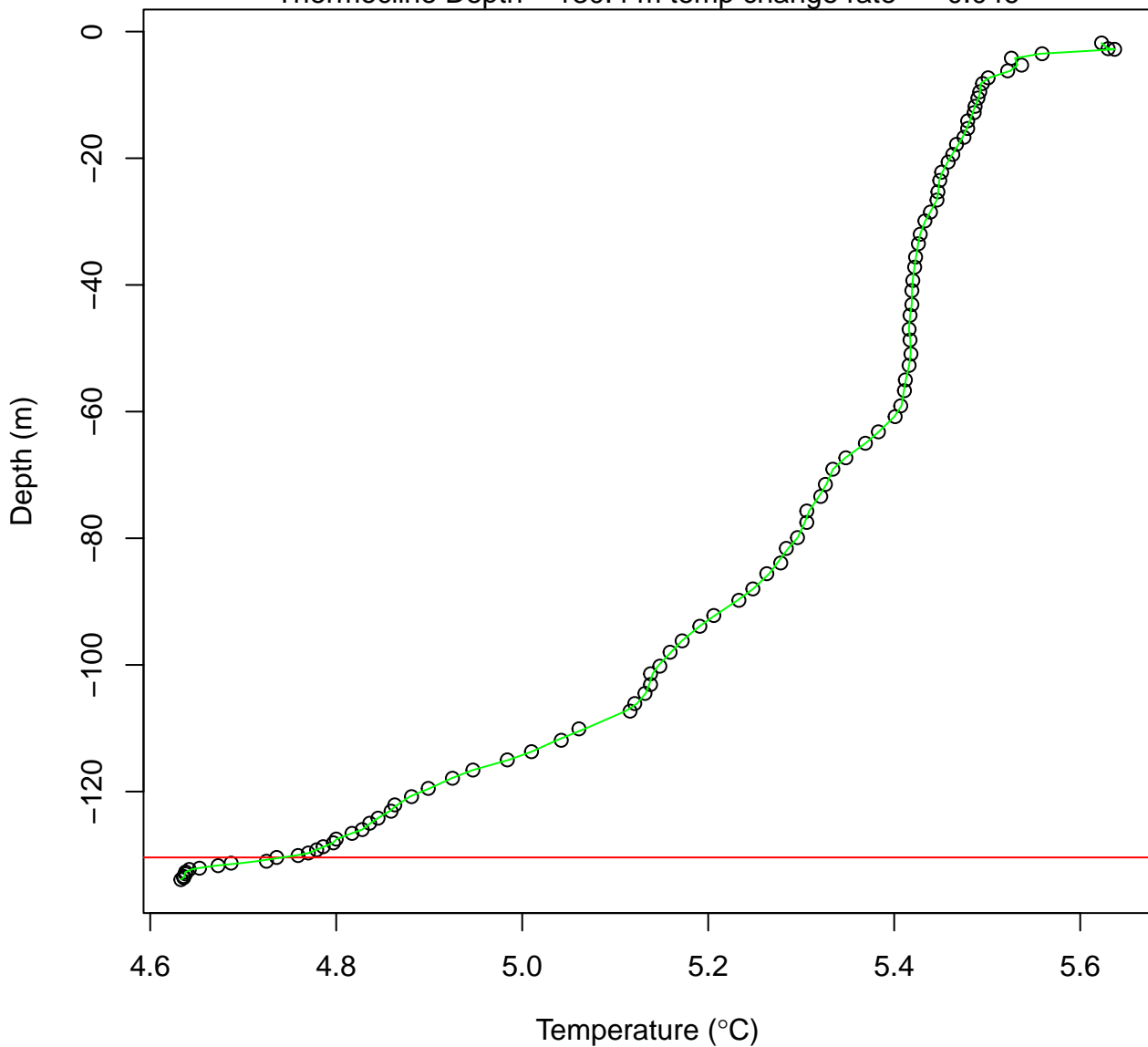
Vessel 176 Cruise 202201 Haul 118

No thermocline detected



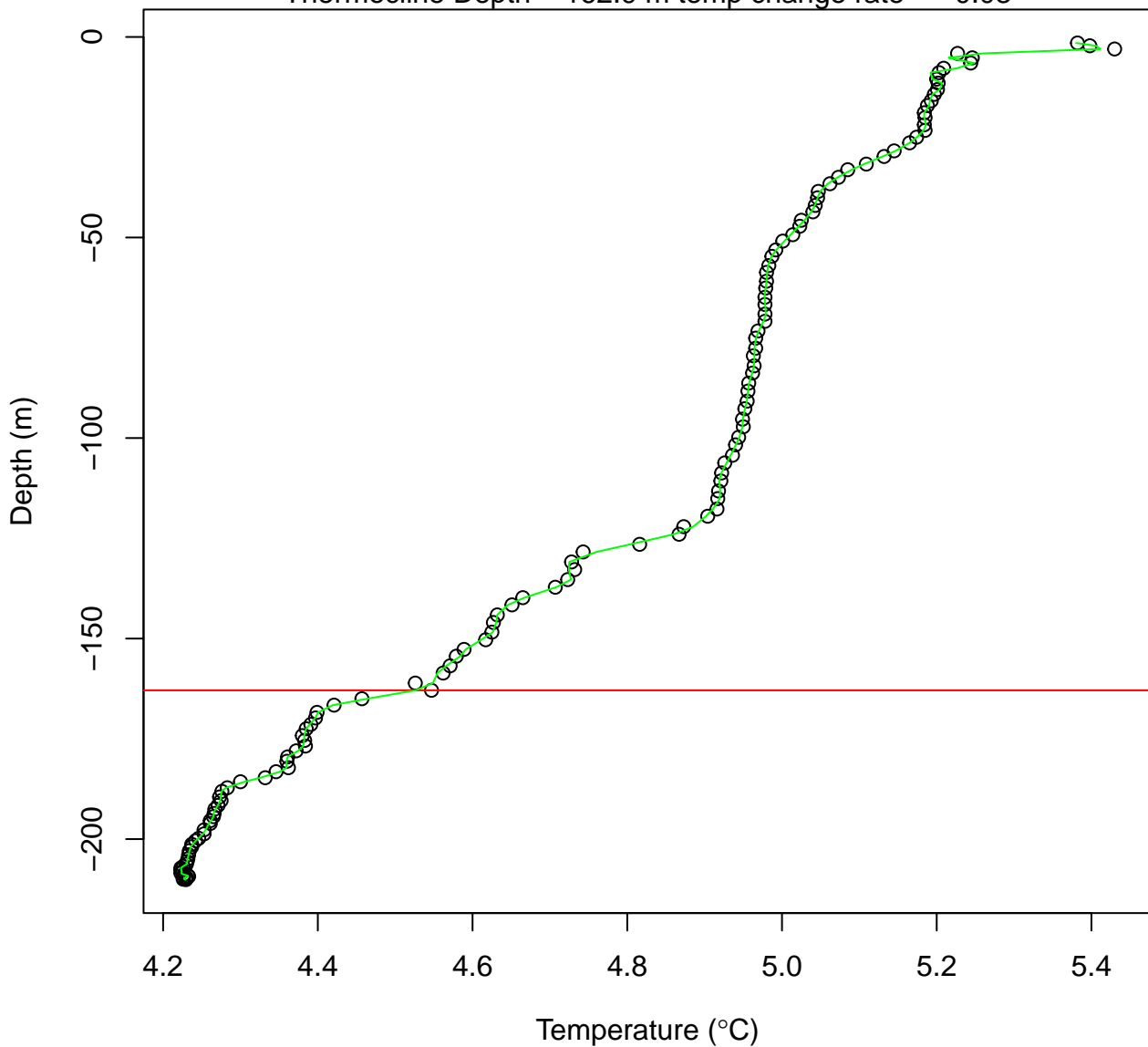
Vessel 176 Cruise 202201 Haul 119

Thermocline Depth = 130.4 m temp change rate = -0.046



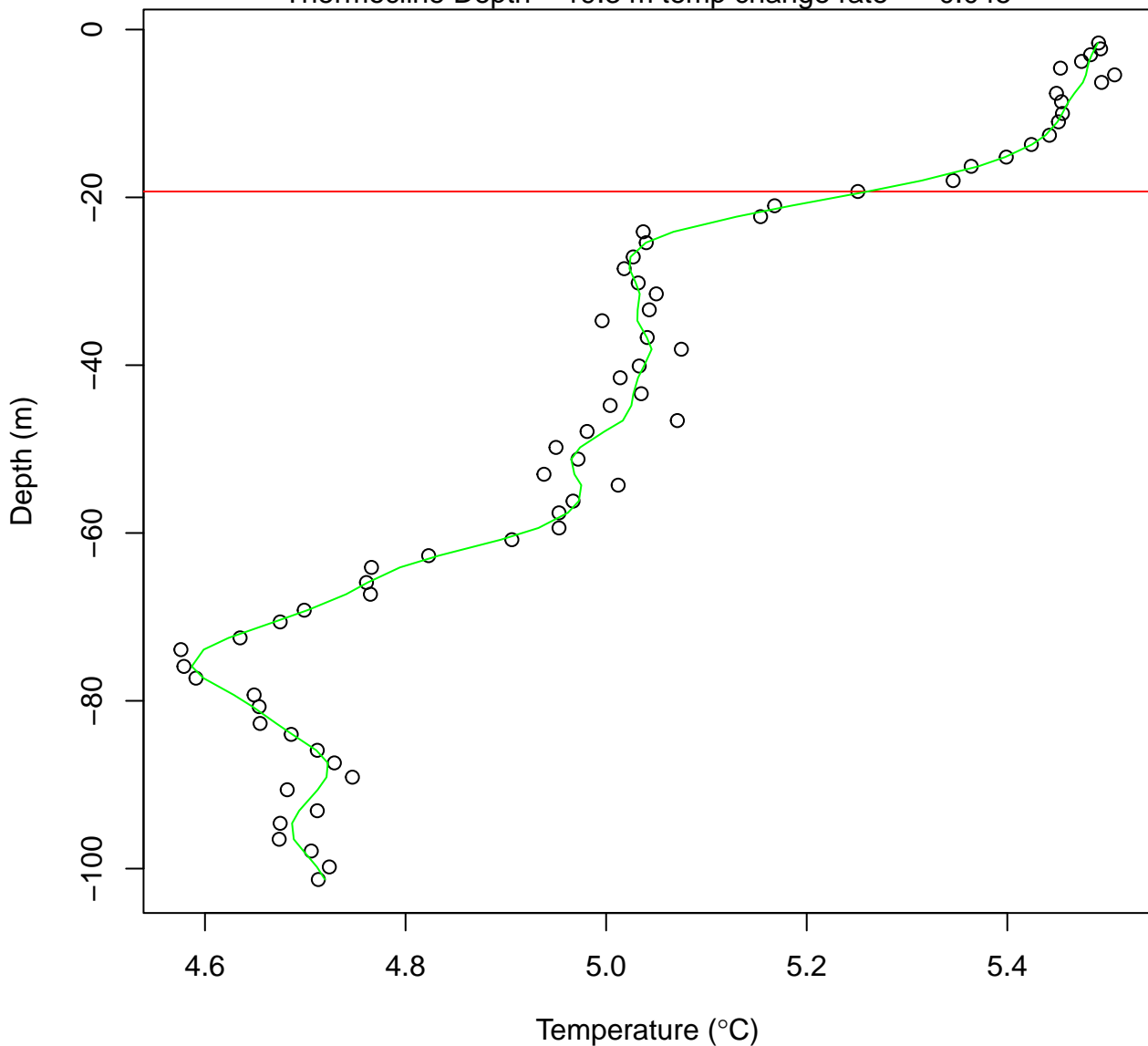
Vessel 176 Cruise 202201 Haul 120

Thermocline Depth = 162.9 m temp change rate = -0.03



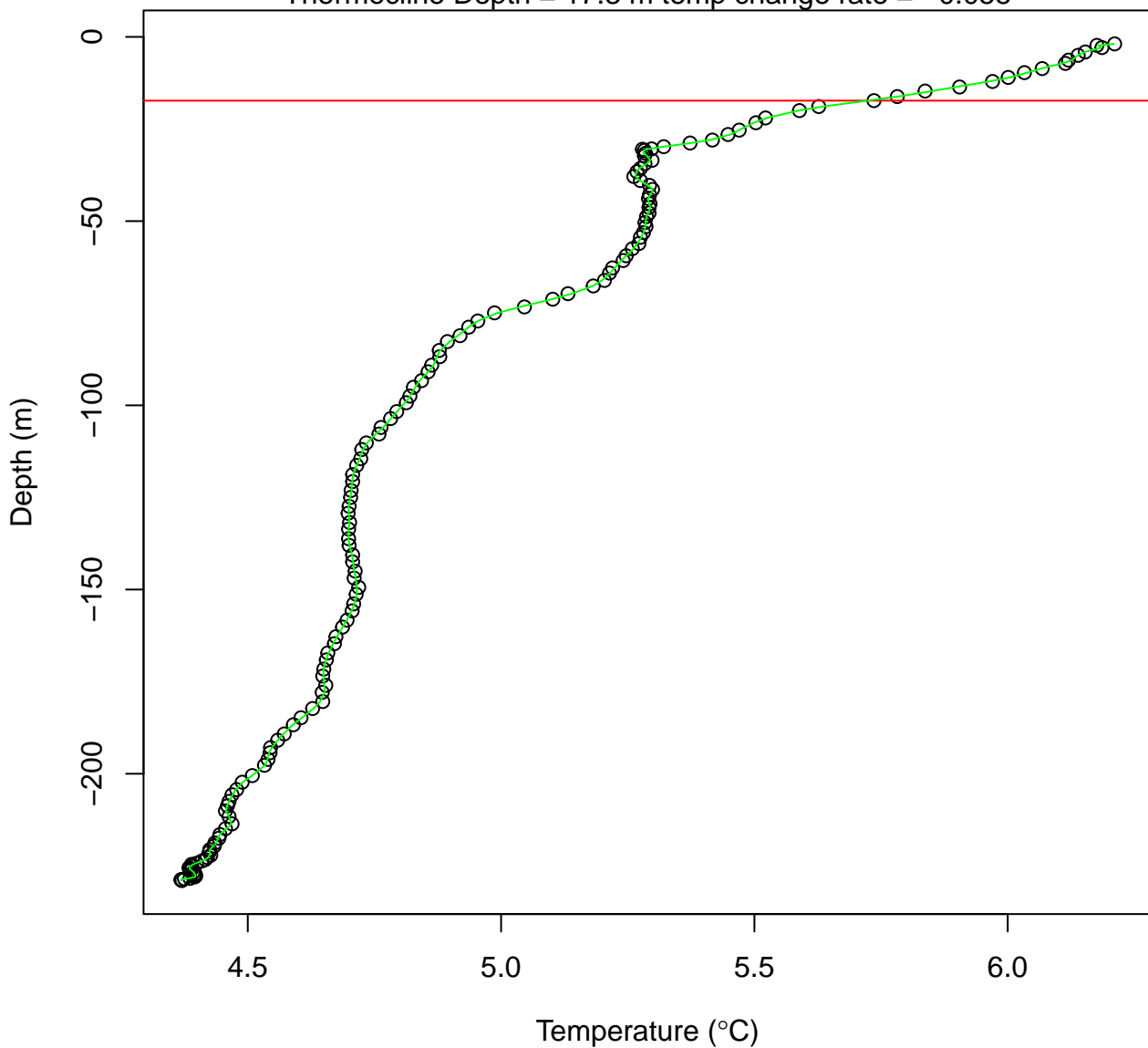
Vessel 176 Cruise 202201 Haul 121

Thermocline Depth = 19.3 m temp change rate = -0.045



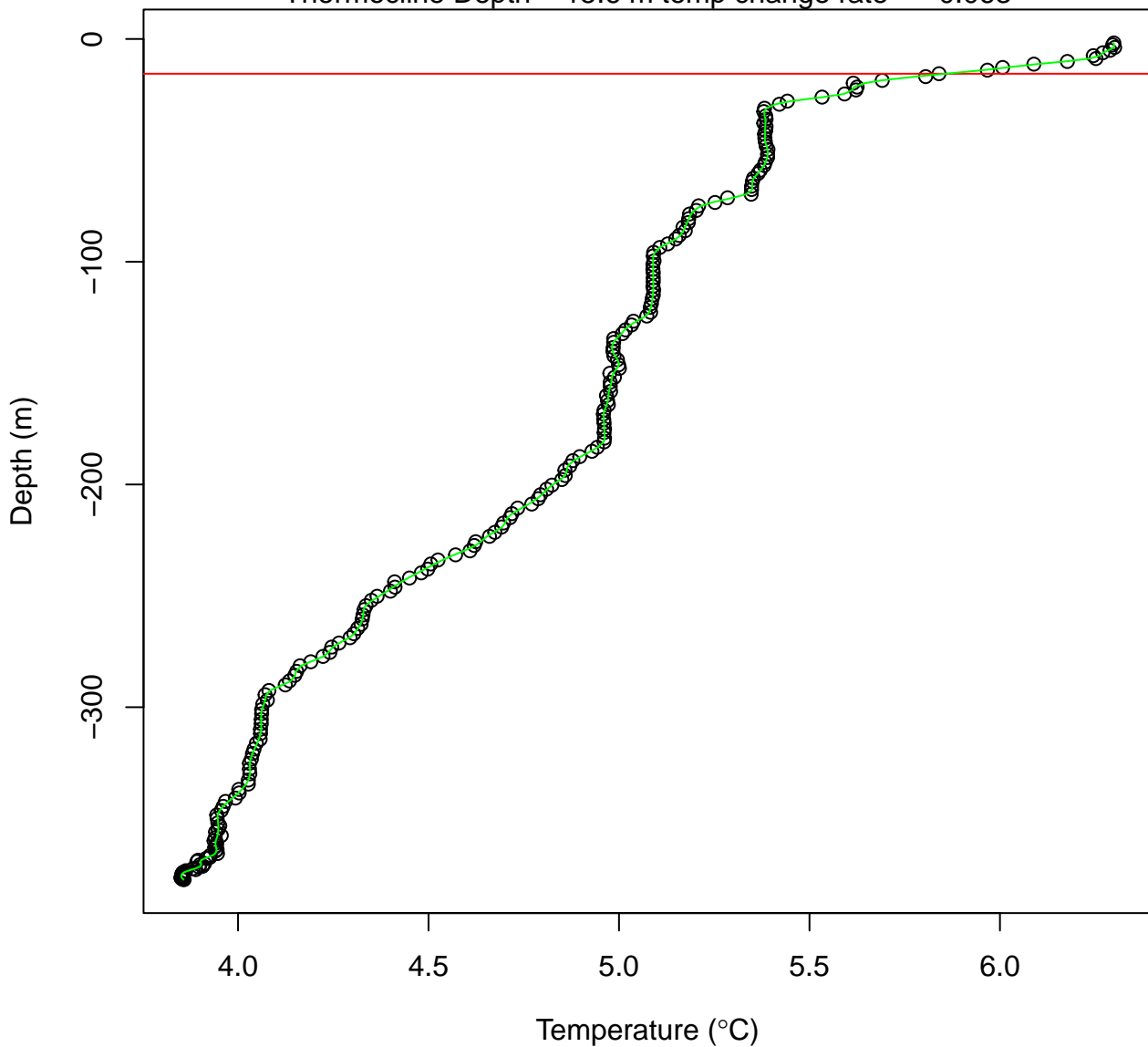
Vessel 176 Cruise 202201 Haul 122

Thermocline Depth = 17.3 m temp change rate = -0.055



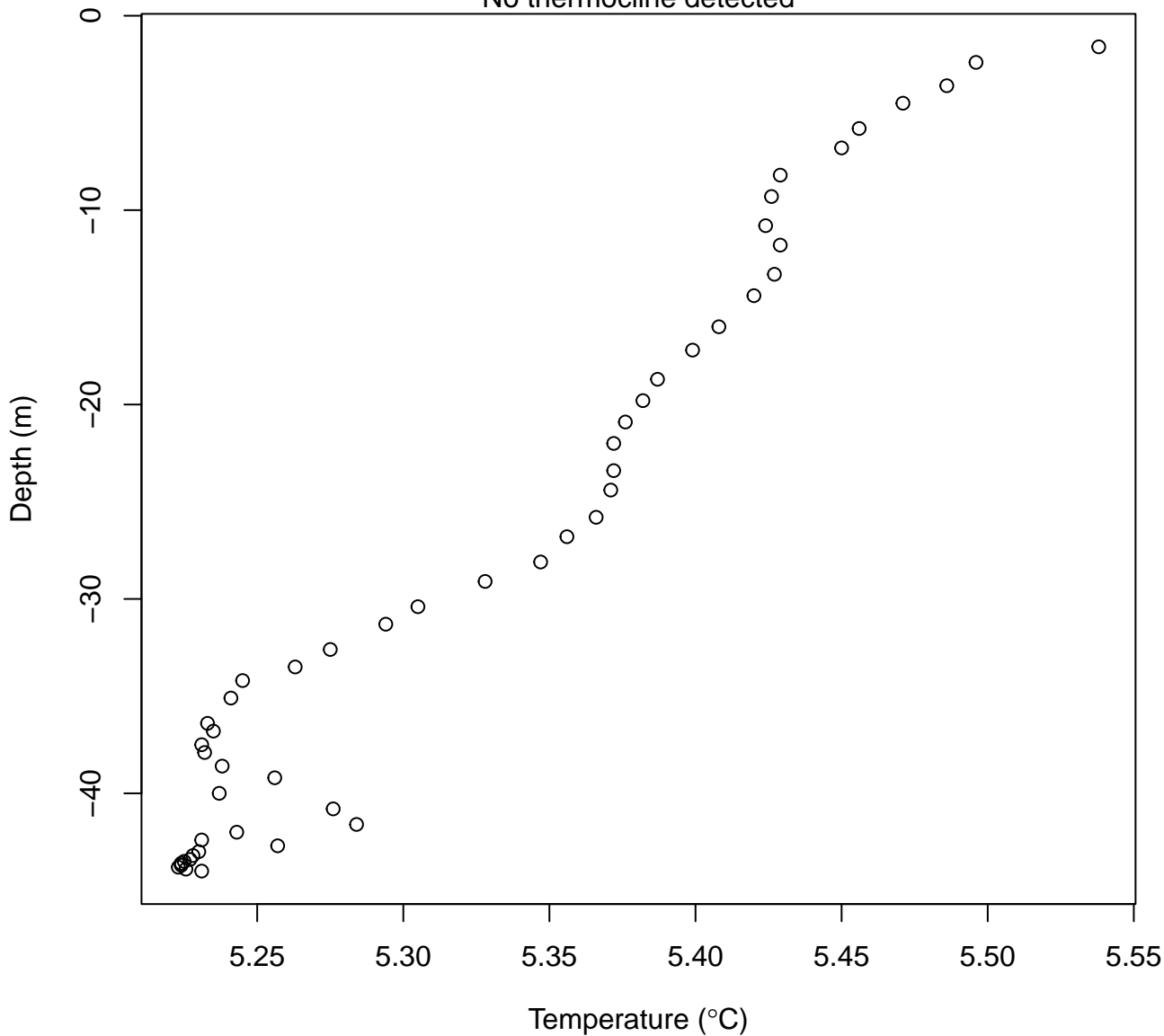
Vessel 176 Cruise 202201 Haul 123

Thermocline Depth = 15.6 m temp change rate = -0.063



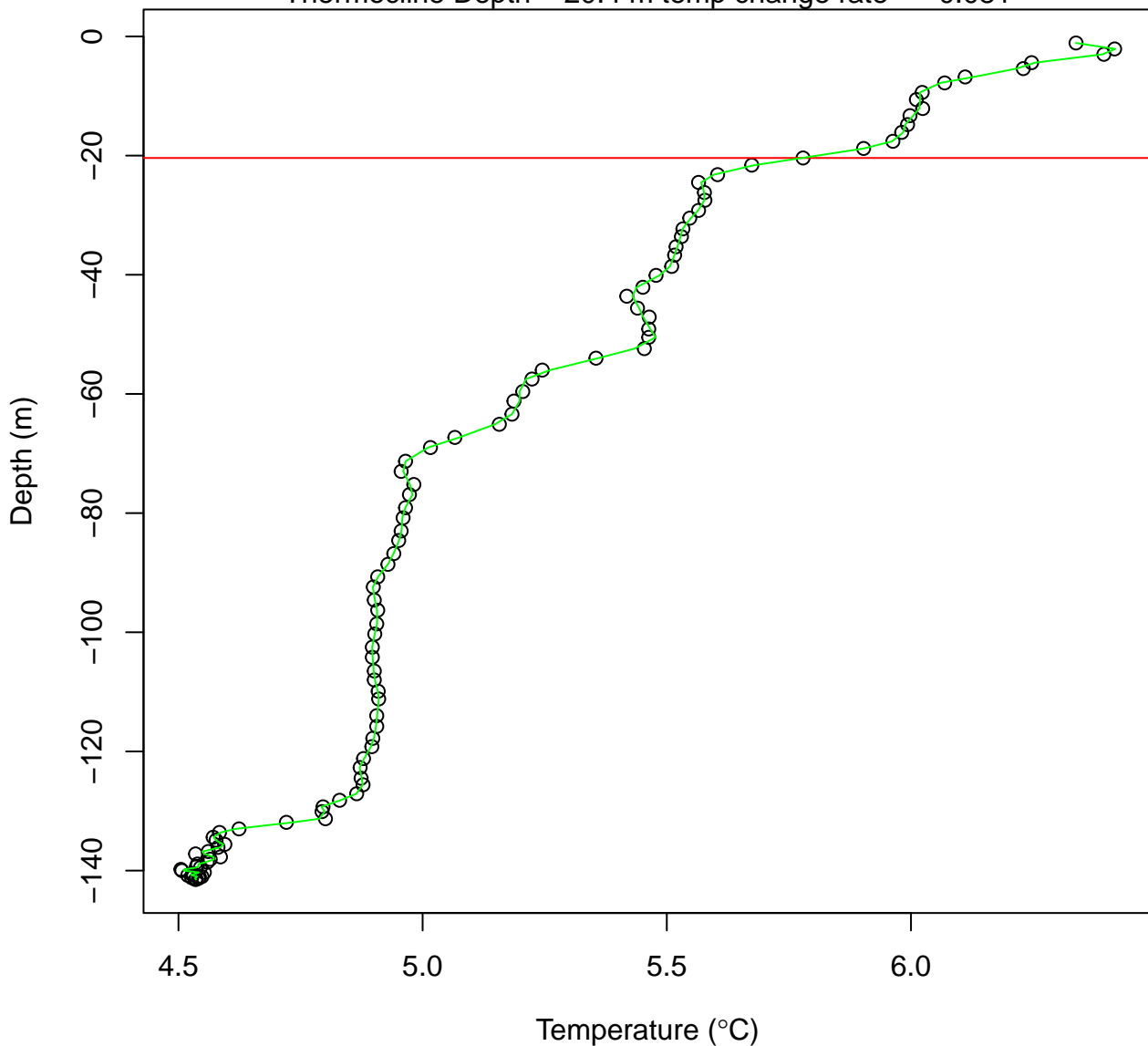
Vessel 176 Cruise 202201 Haul 124

No thermocline detected



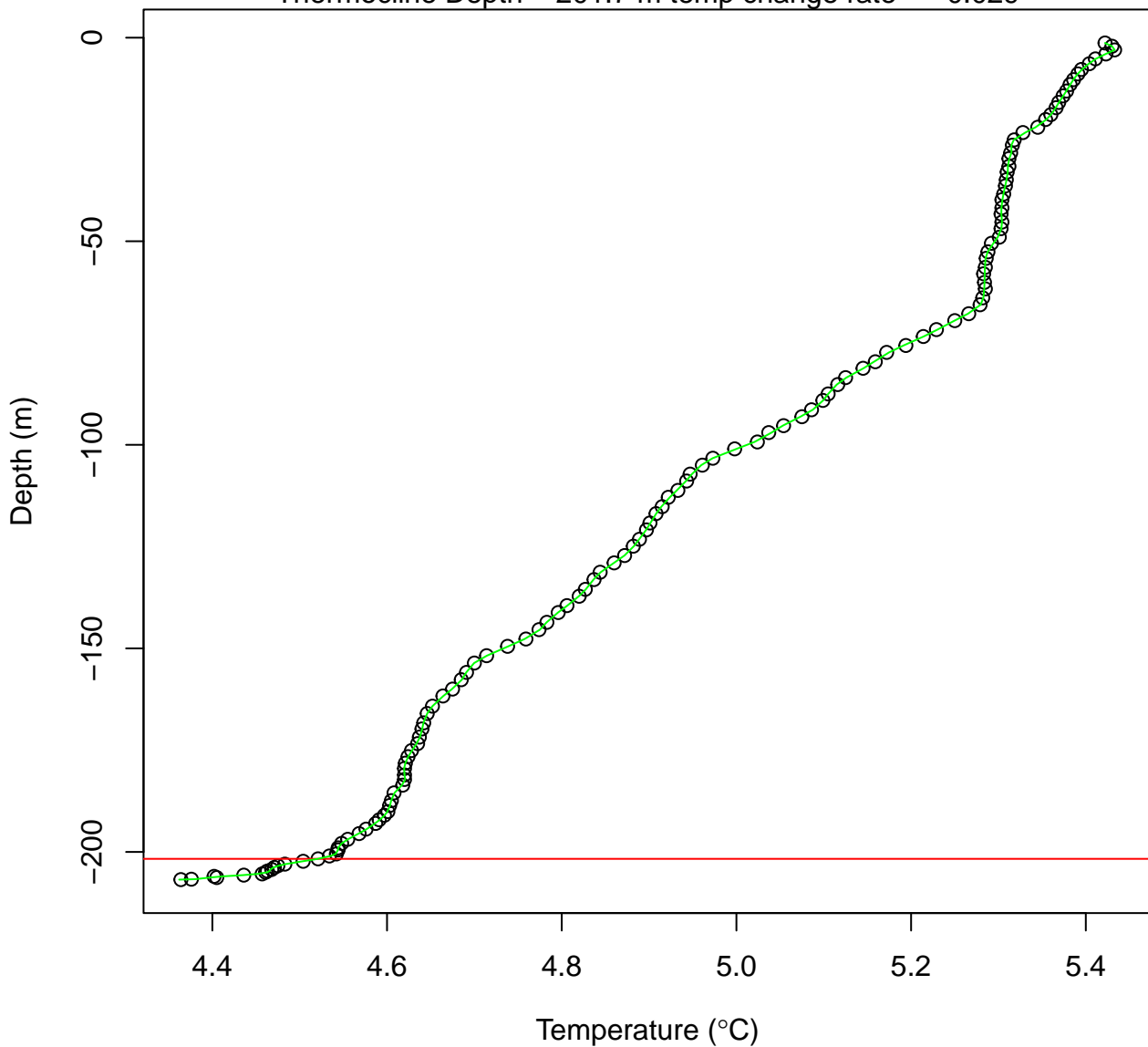
Vessel 176 Cruise 202201 Haul 125

Thermocline Depth = 20.4 m temp change rate = -0.081



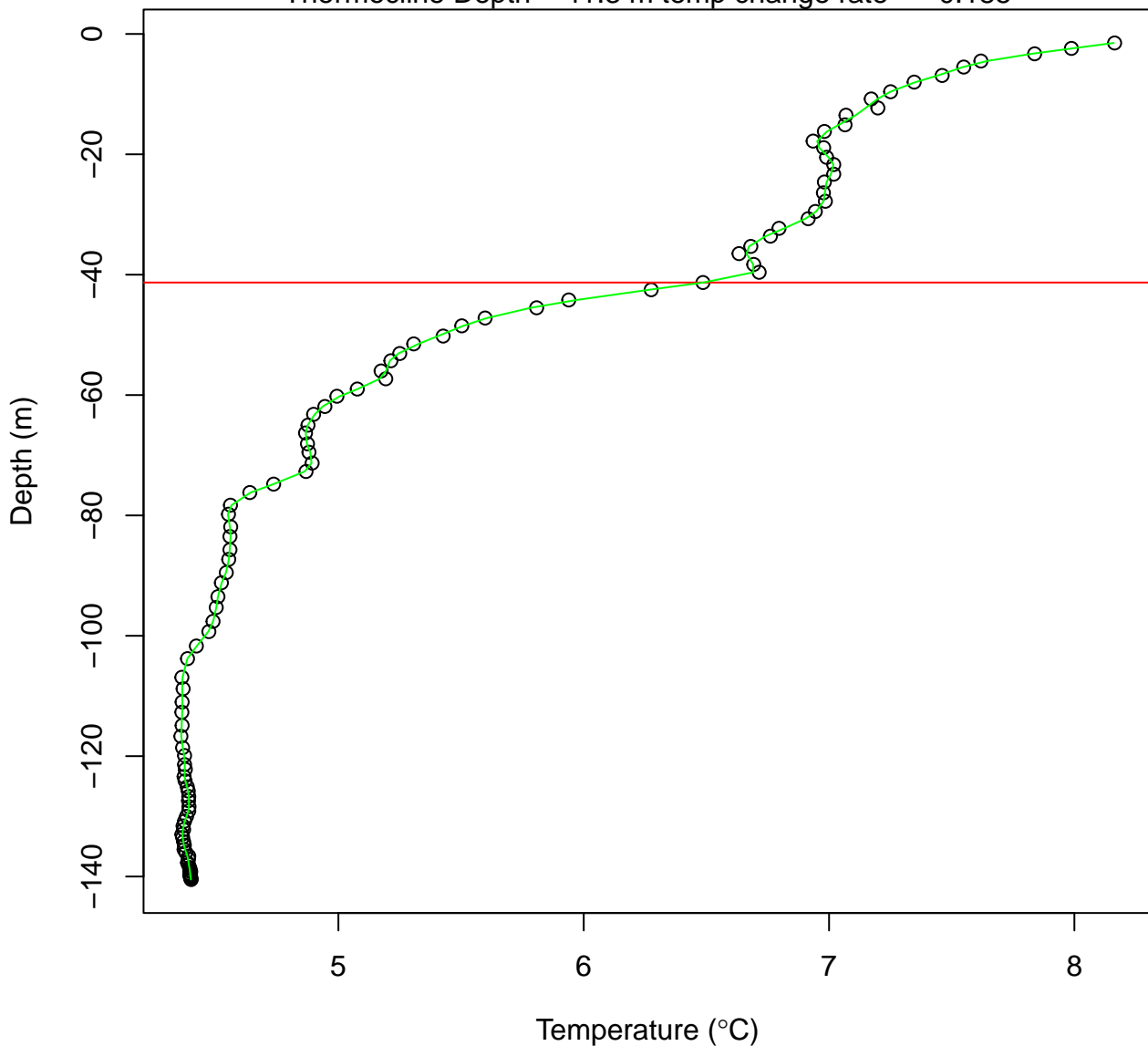
Vessel 176 Cruise 202201 Haul 126

Thermocline Depth = 201.7 m temp change rate = -0.029



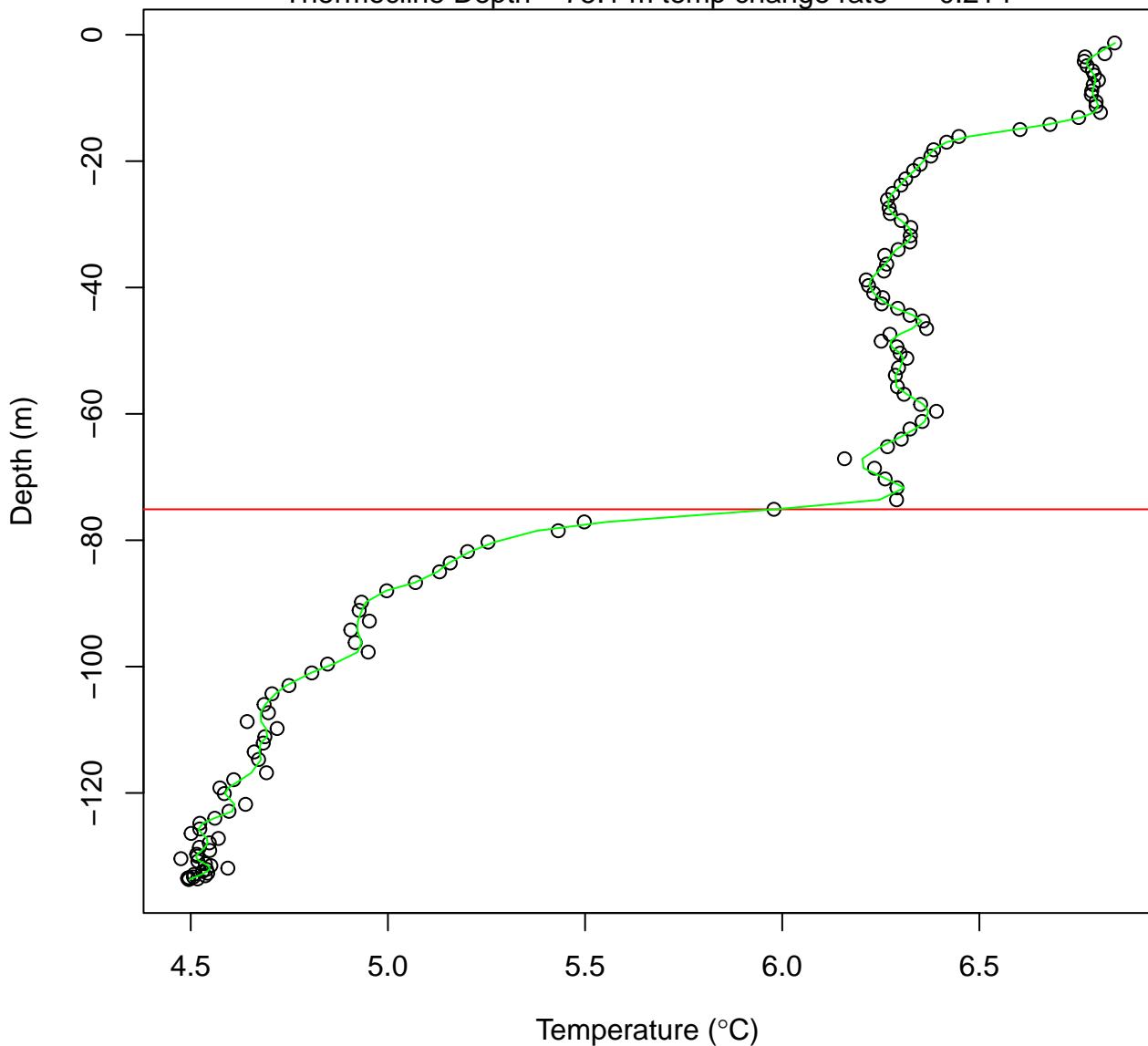
Vessel 176 Cruise 202201 Haul 127

Thermocline Depth = 41.3 m temp change rate = -0.185



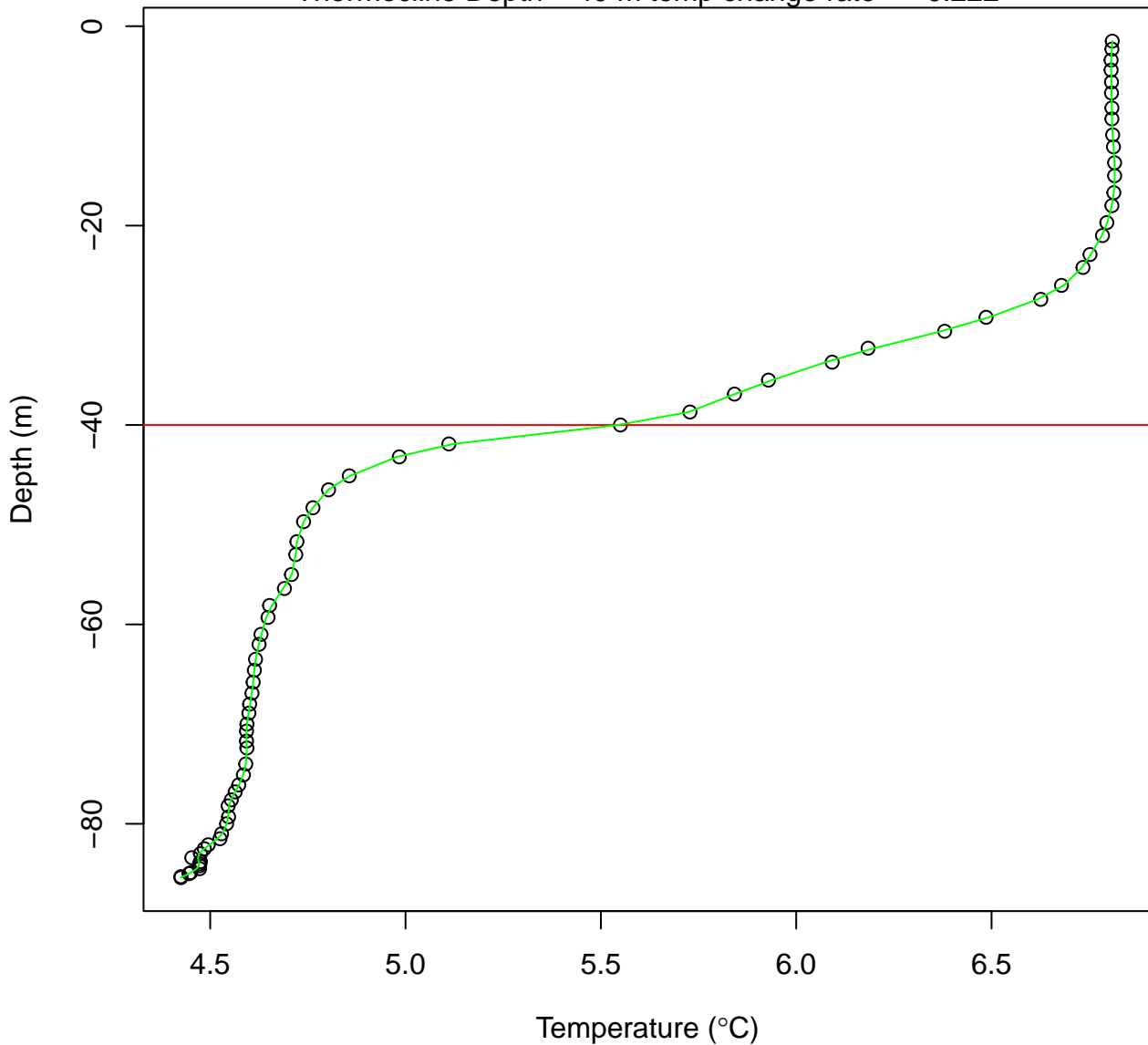
Vessel 176 Cruise 202201 Haul 128

Thermocline Depth = 75.1 m temp change rate = -0.214



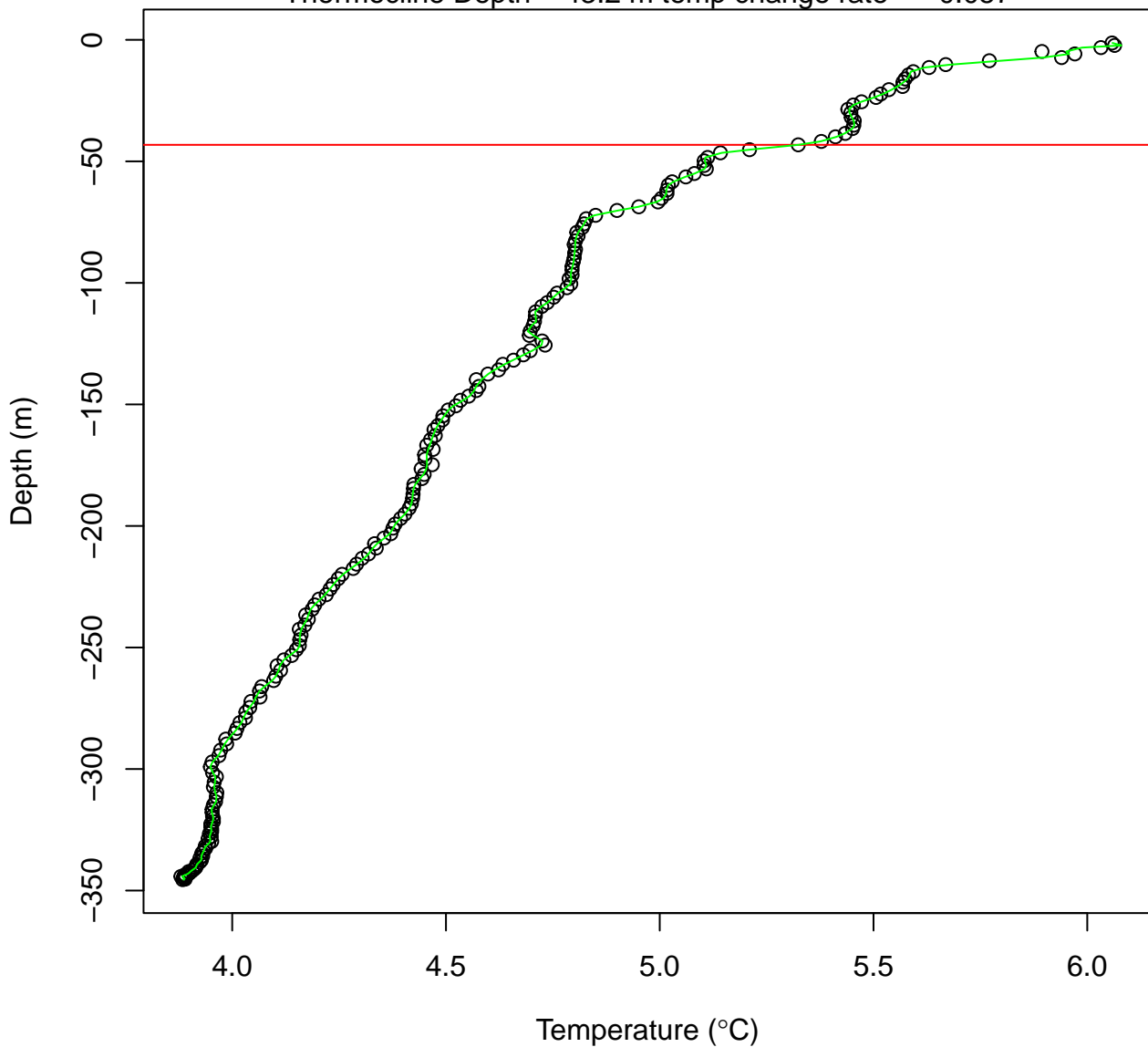
Vessel 176 Cruise 202201 Haul 129

Thermocline Depth = 40 m temp change rate = -0.222



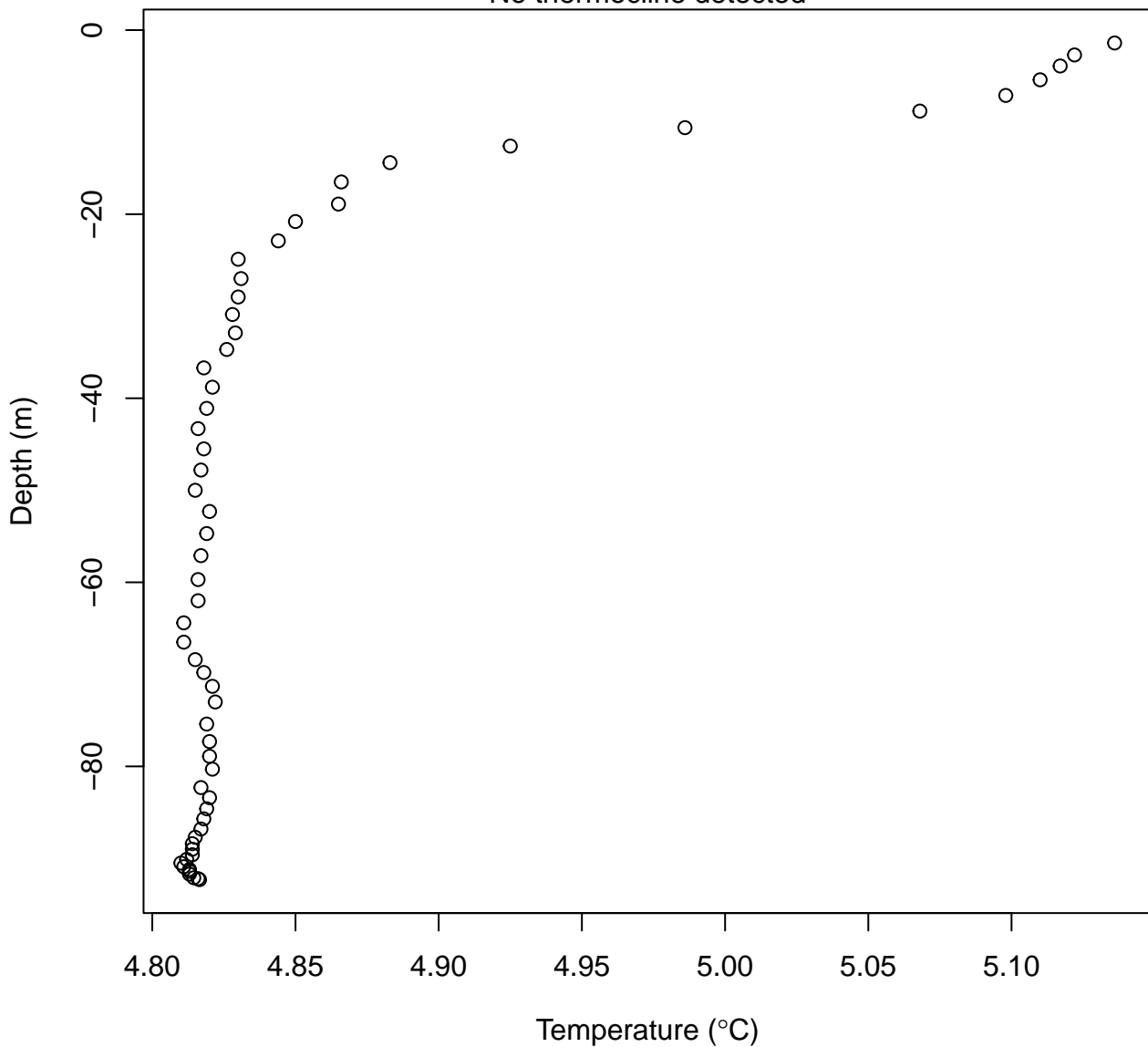
Vessel 176 Cruise 202201 Haul 130

Thermocline Depth = 43.2 m temp change rate = -0.057



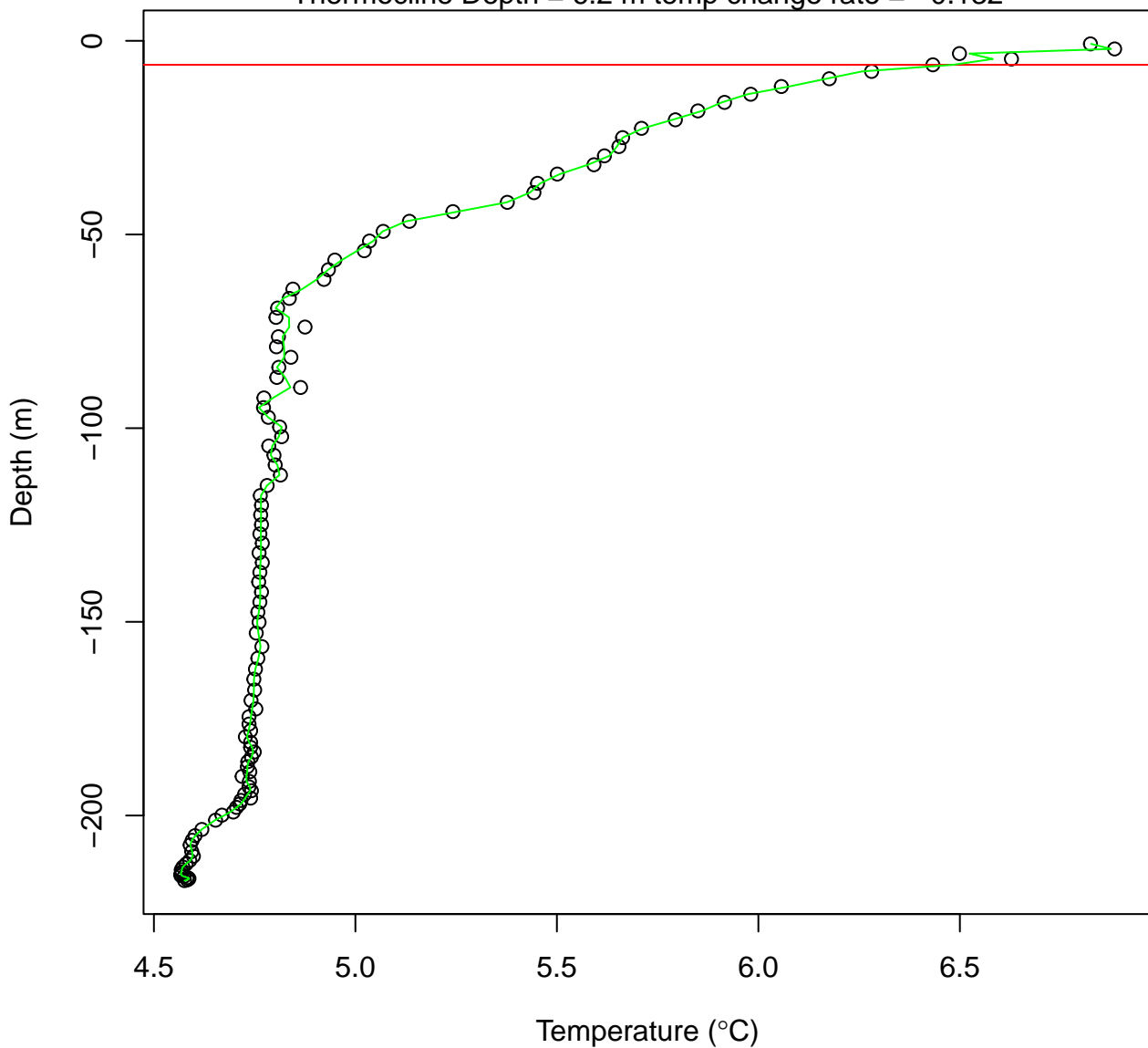
Vessel 176 Cruise 202201 Haul 132

No thermocline detected



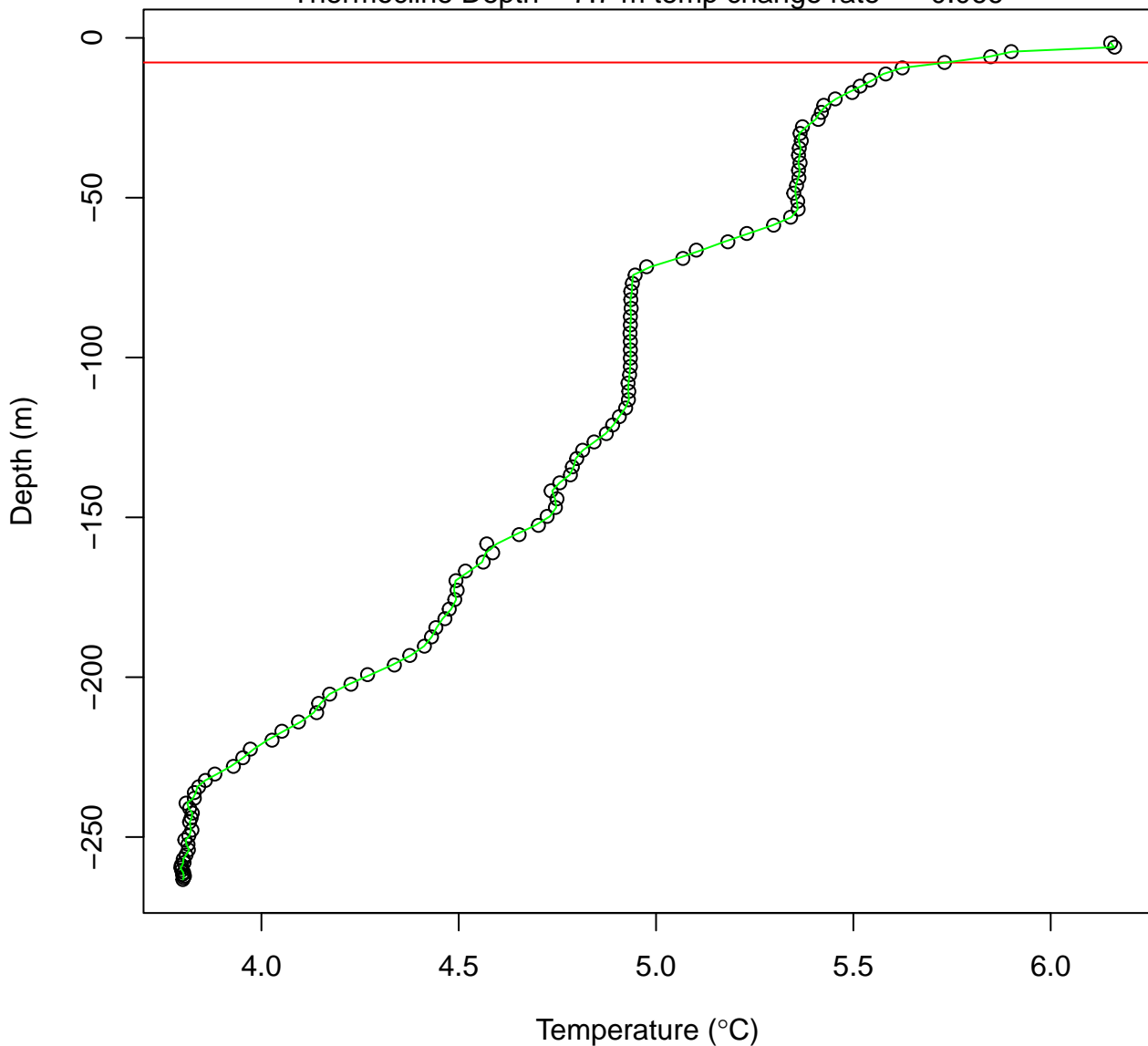
Vessel 176 Cruise 202201 Haul 133

Thermocline Depth = 6.2 m temp change rate = -0.132



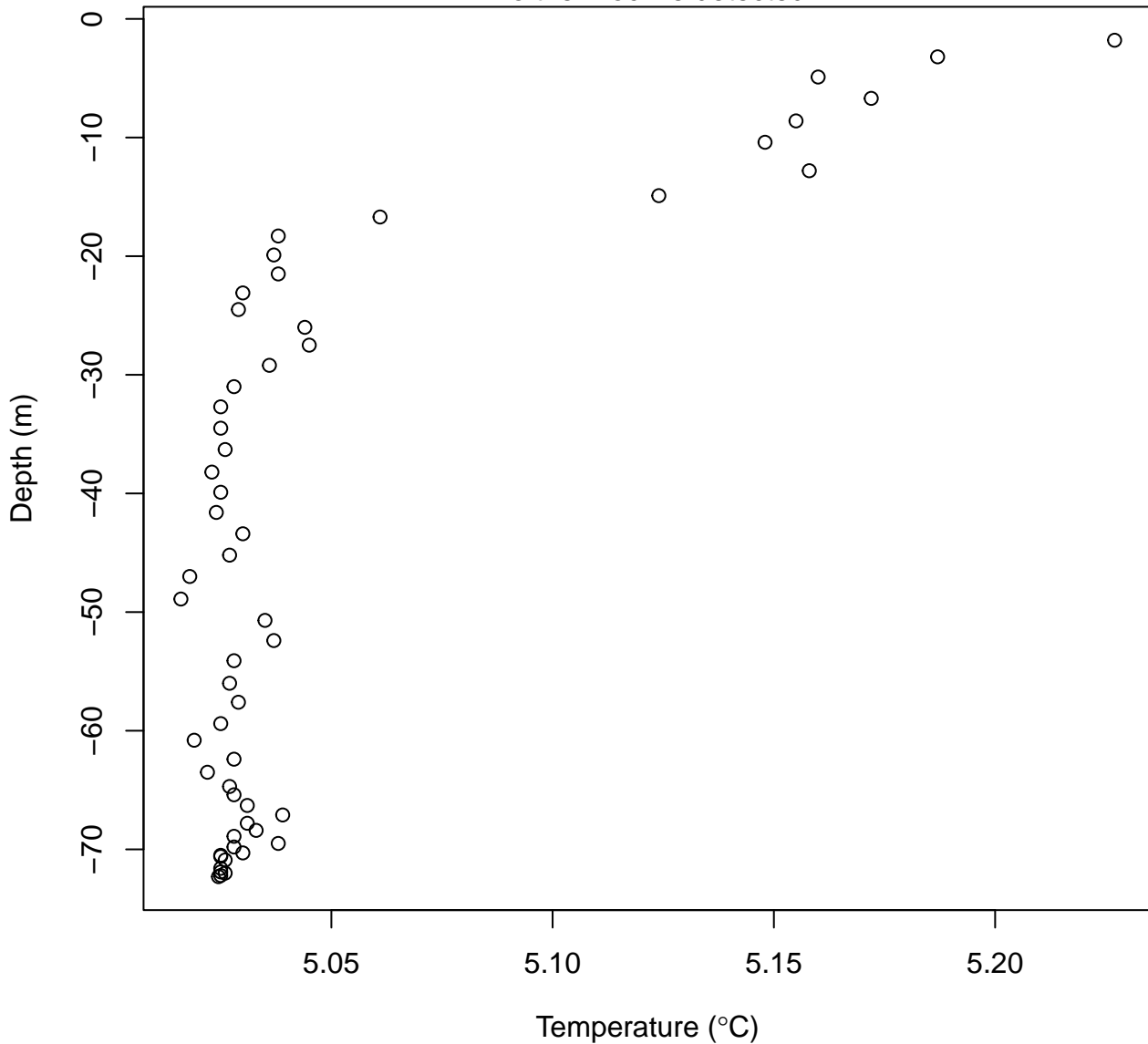
Vessel 176 Cruise 202201 Haul 134

Thermocline Depth = 7.7 m temp change rate = -0.066



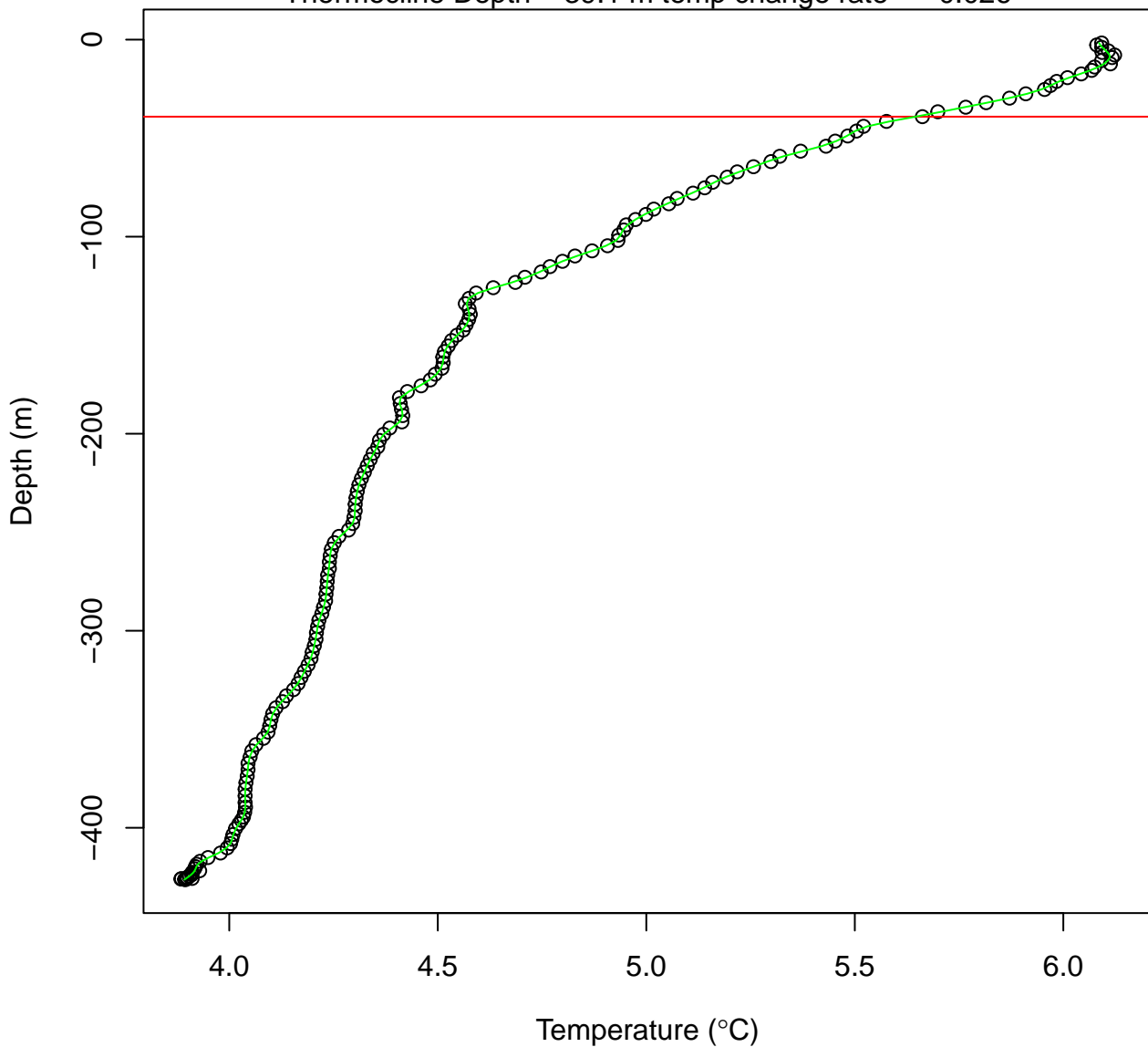
Vessel 176 Cruise 202201 Haul 135

No thermocline detected



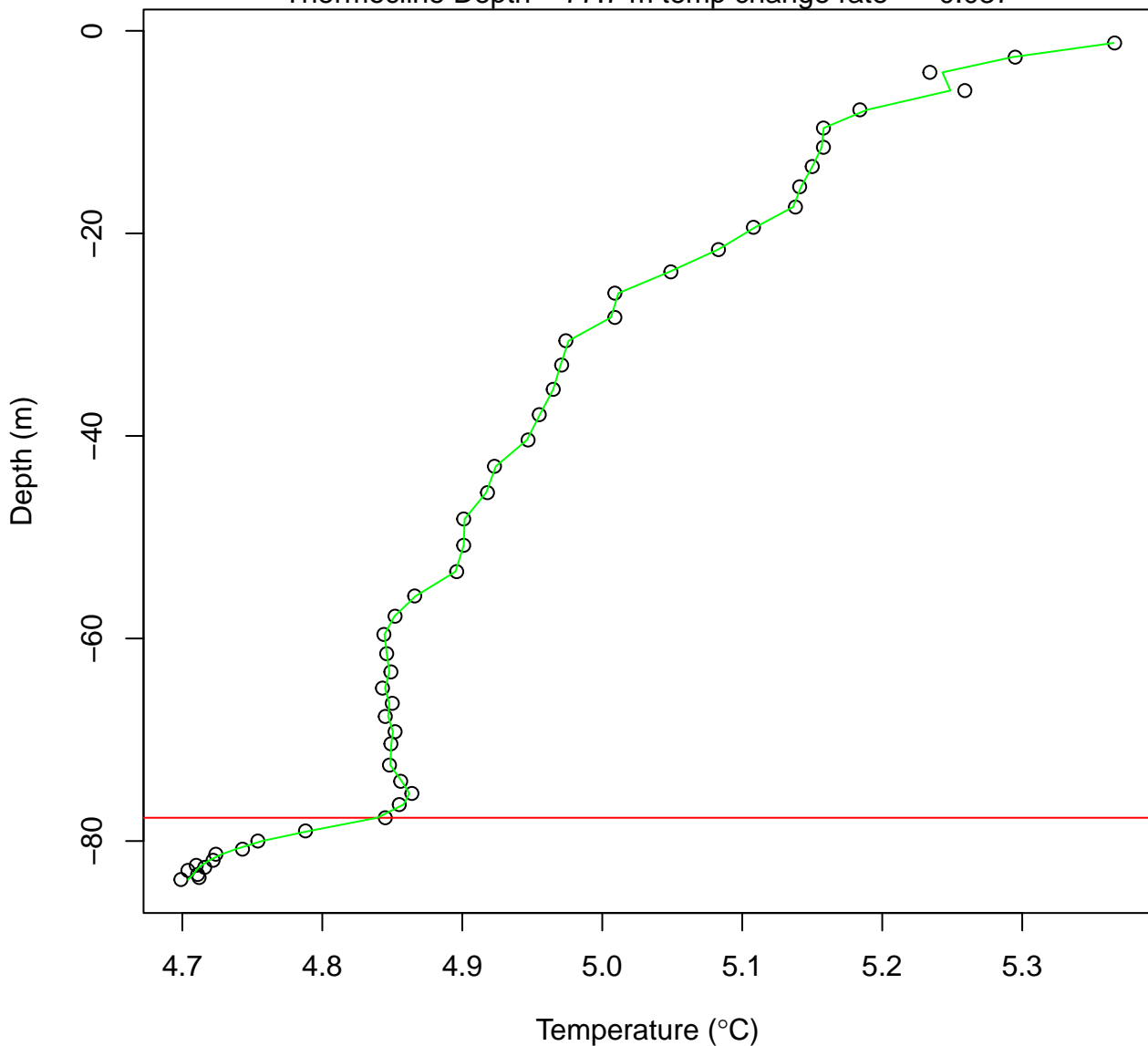
Vessel 176 Cruise 202201 Haul 136

Thermocline Depth = 39.1 m temp change rate = -0.026



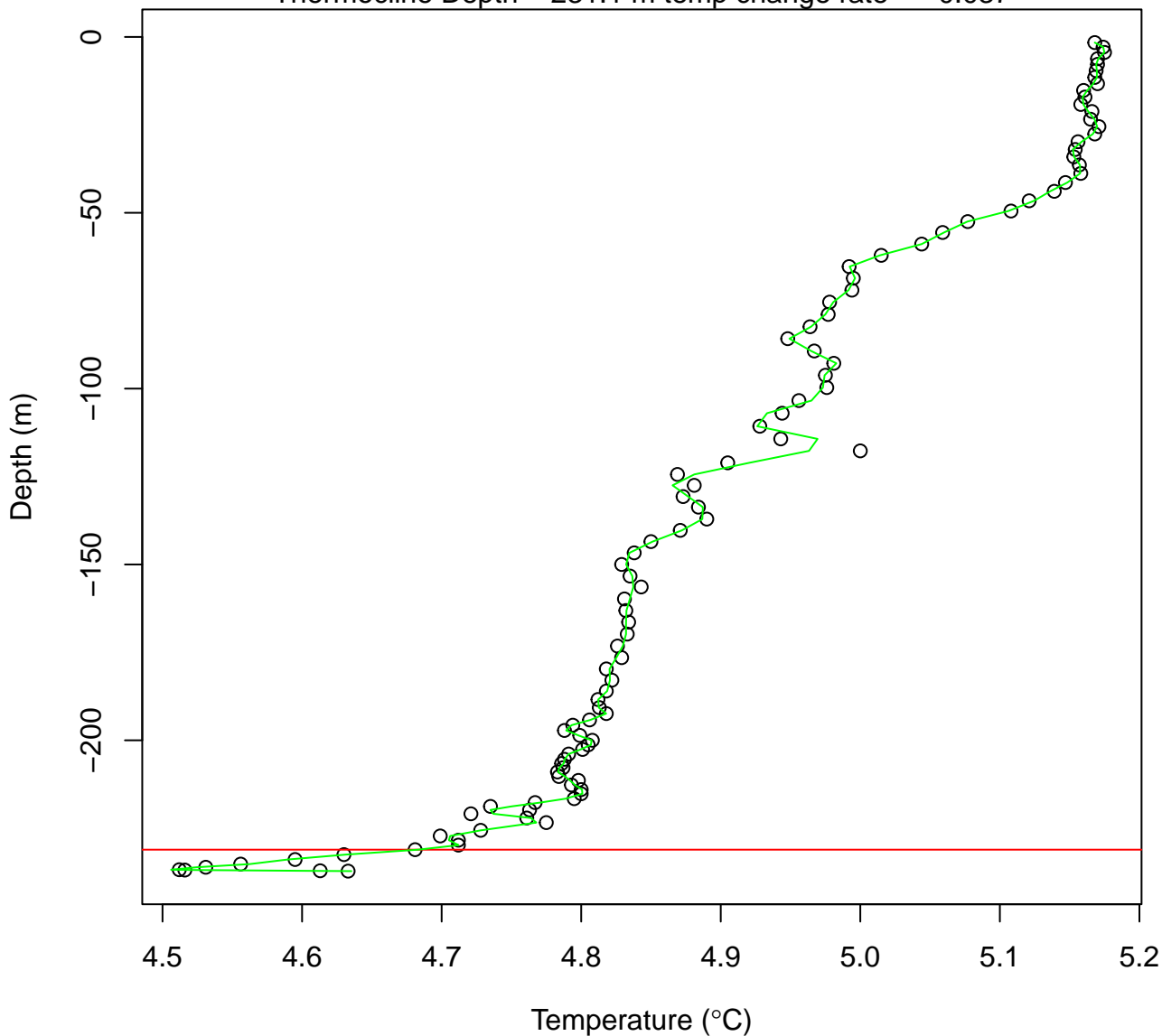
Vessel 176 Cruise 202201 Haul 137

Thermocline Depth = 77.7 m temp change rate = -0.037



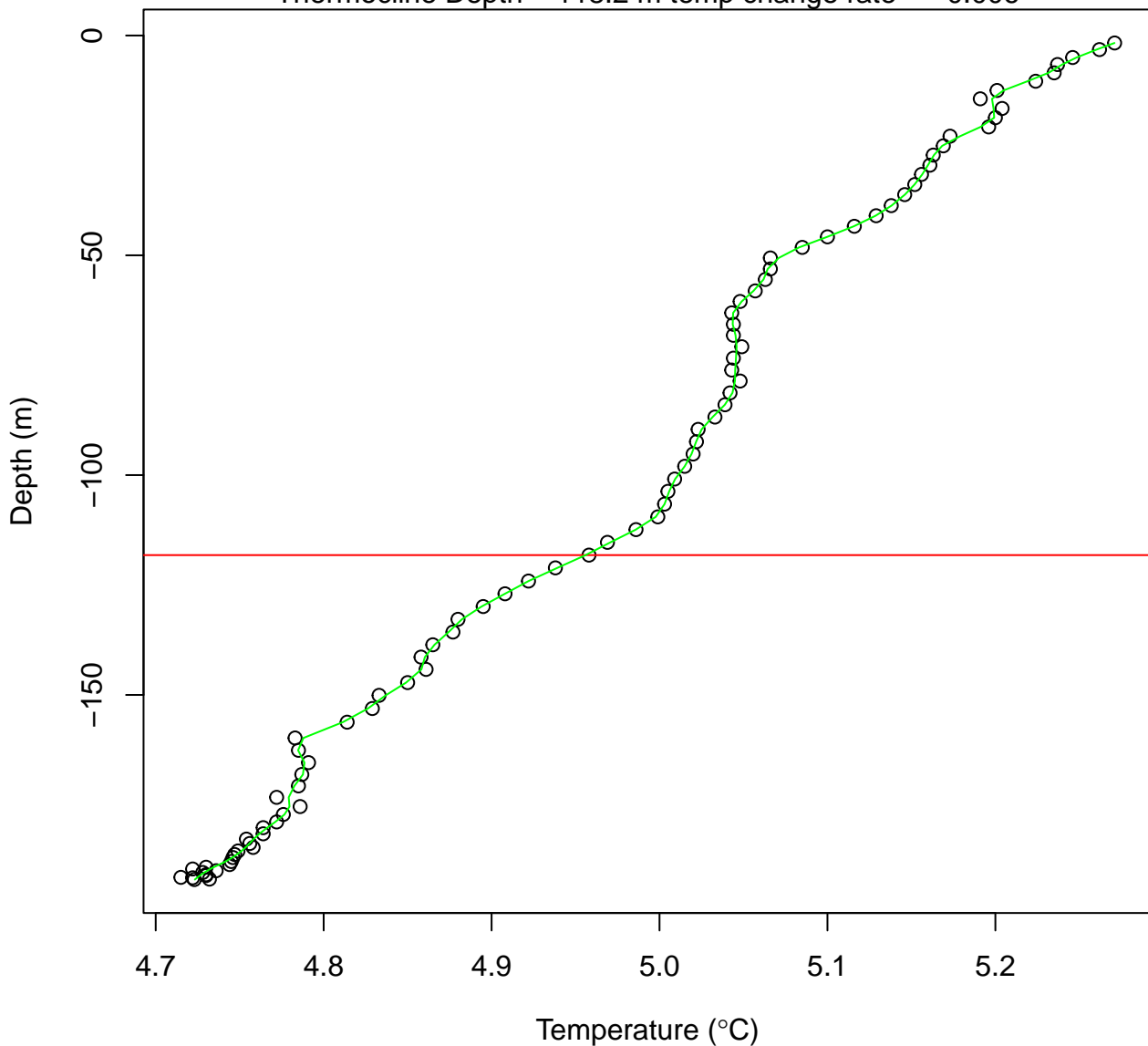
Vessel 176 Cruise 202201 Haul 138

Thermocline Depth = 231.1 m temp change rate = -0.037



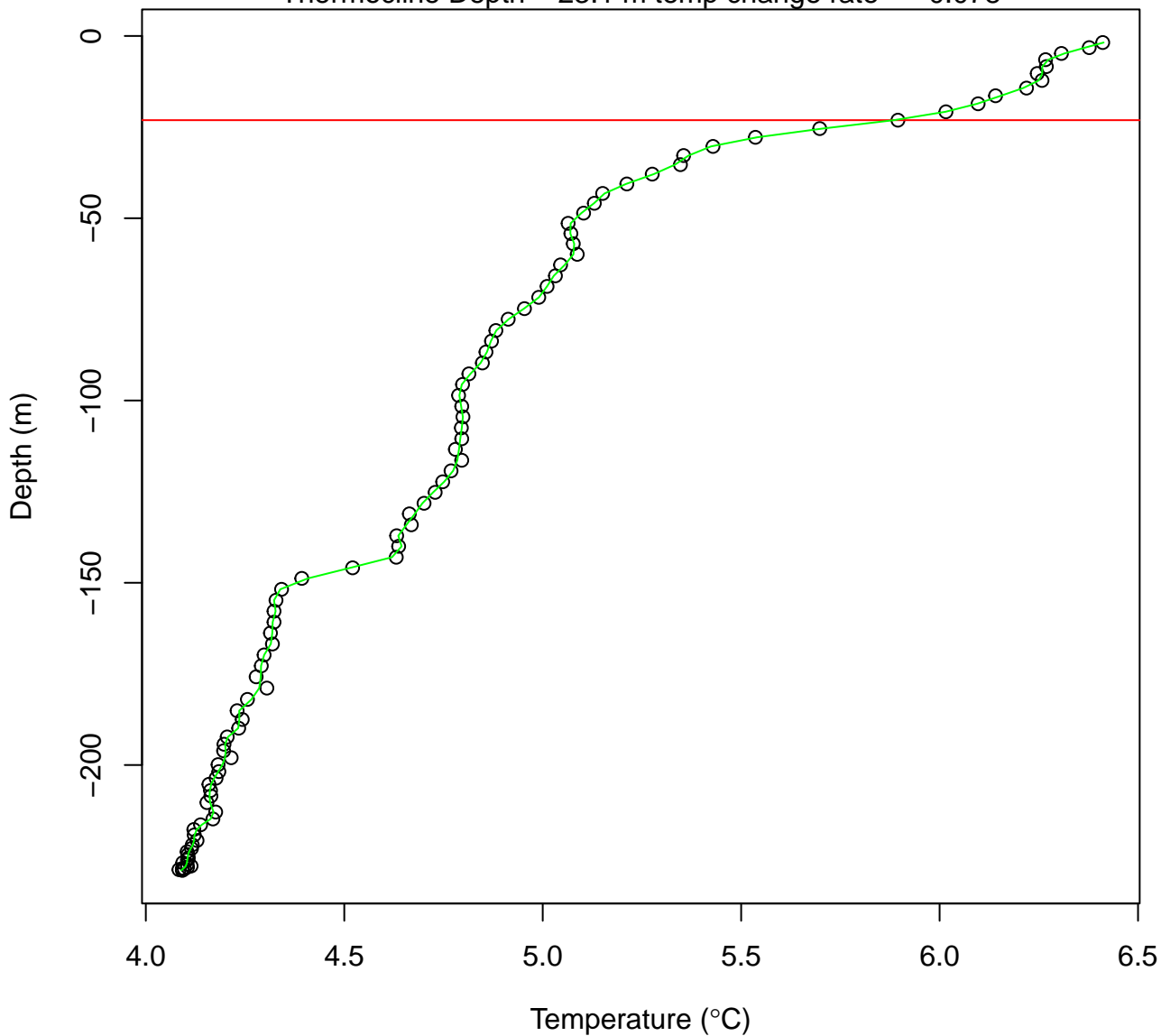
Vessel 176 Cruise 202201 Haul 139

Thermocline Depth = 118.2 m temp change rate = -0.006



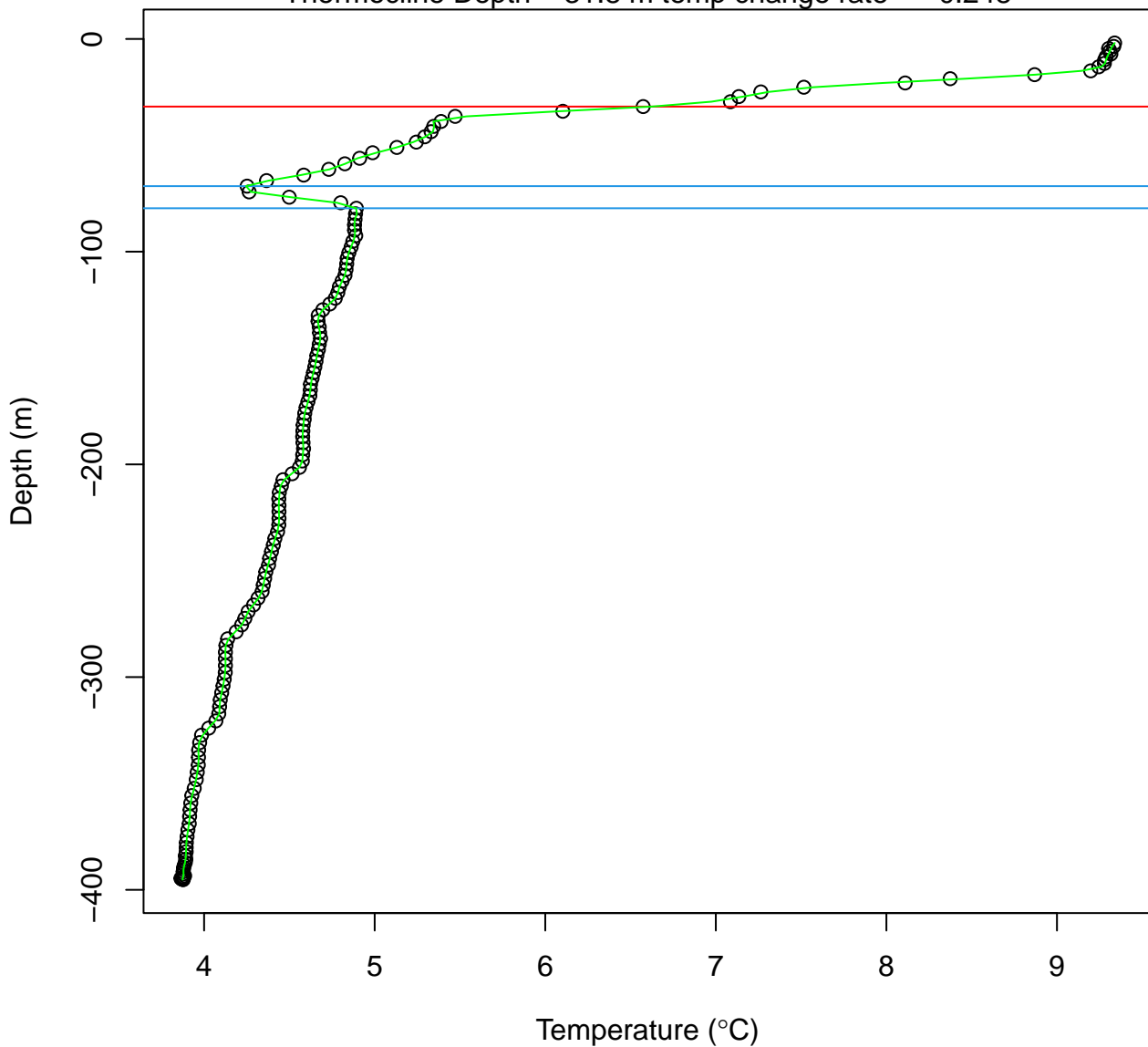
Vessel 176 Cruise 202201 Haul 140

Thermocline Depth = 23.1 m temp change rate = -0.078



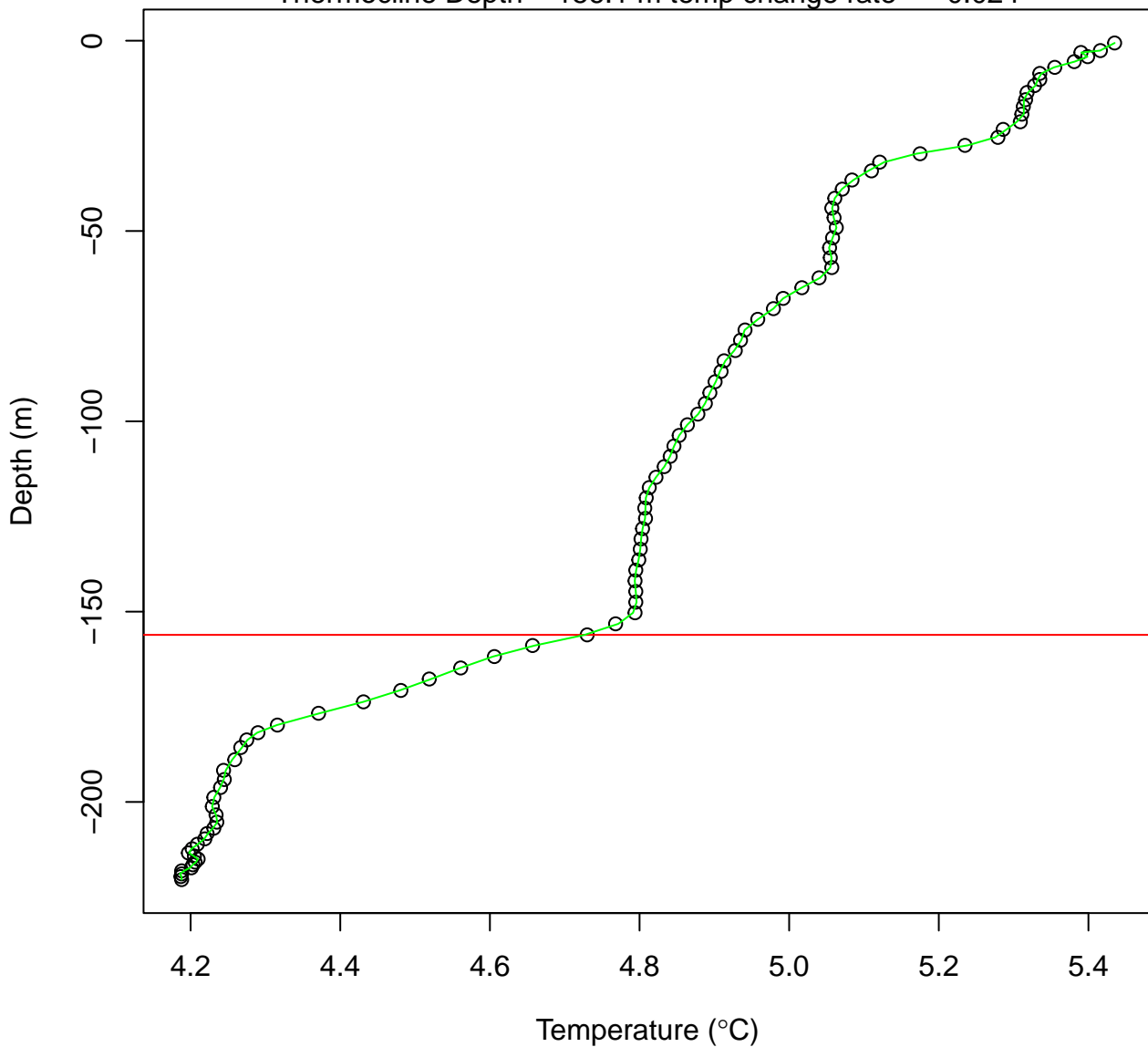
Vessel 176 Cruise 202201 Haul 141

Thermocline Depth = 31.8 m temp change rate = -0.248



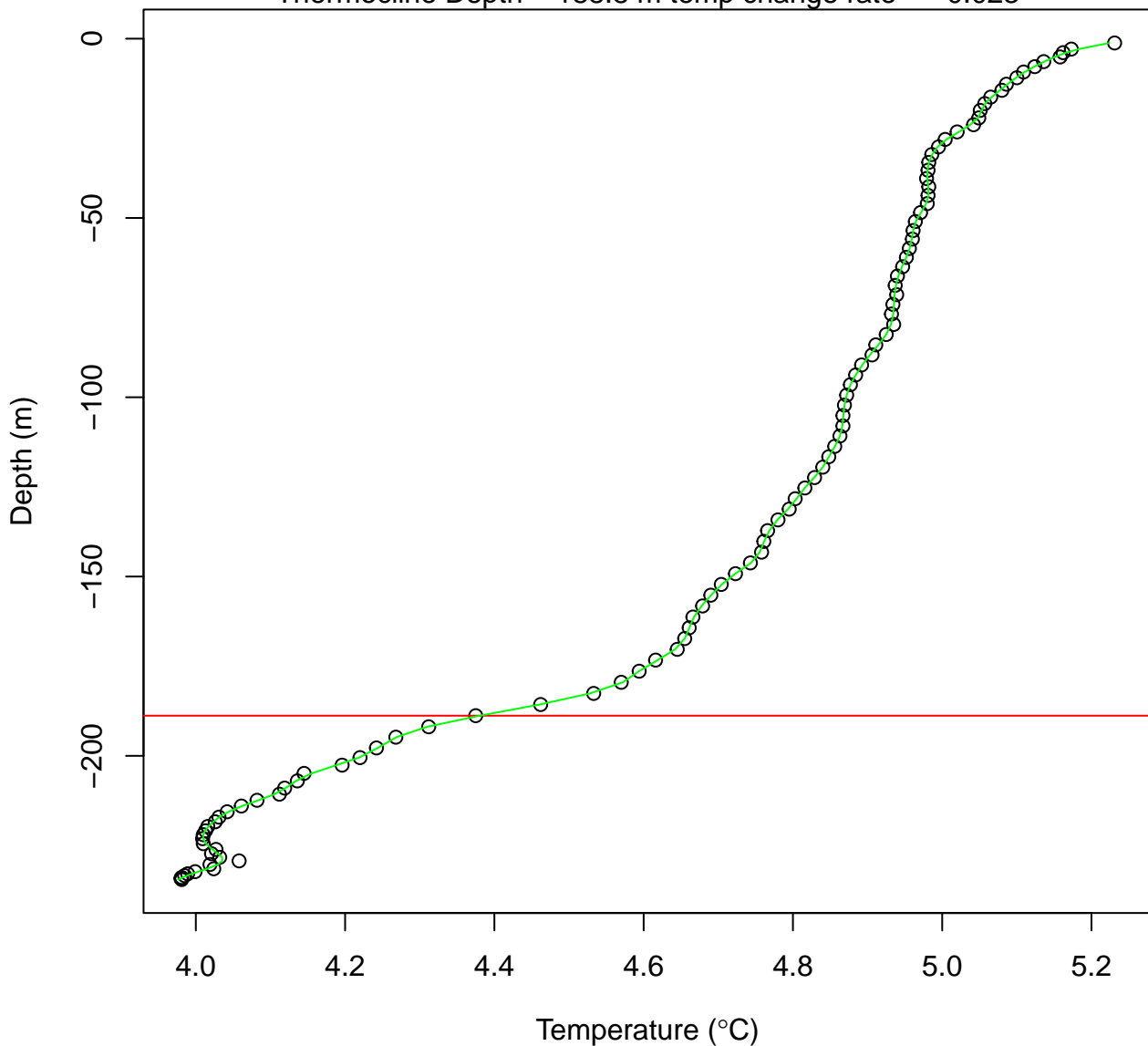
Vessel 176 Cruise 202201 Haul 142

Thermocline Depth = 156.1 m temp change rate = -0.024



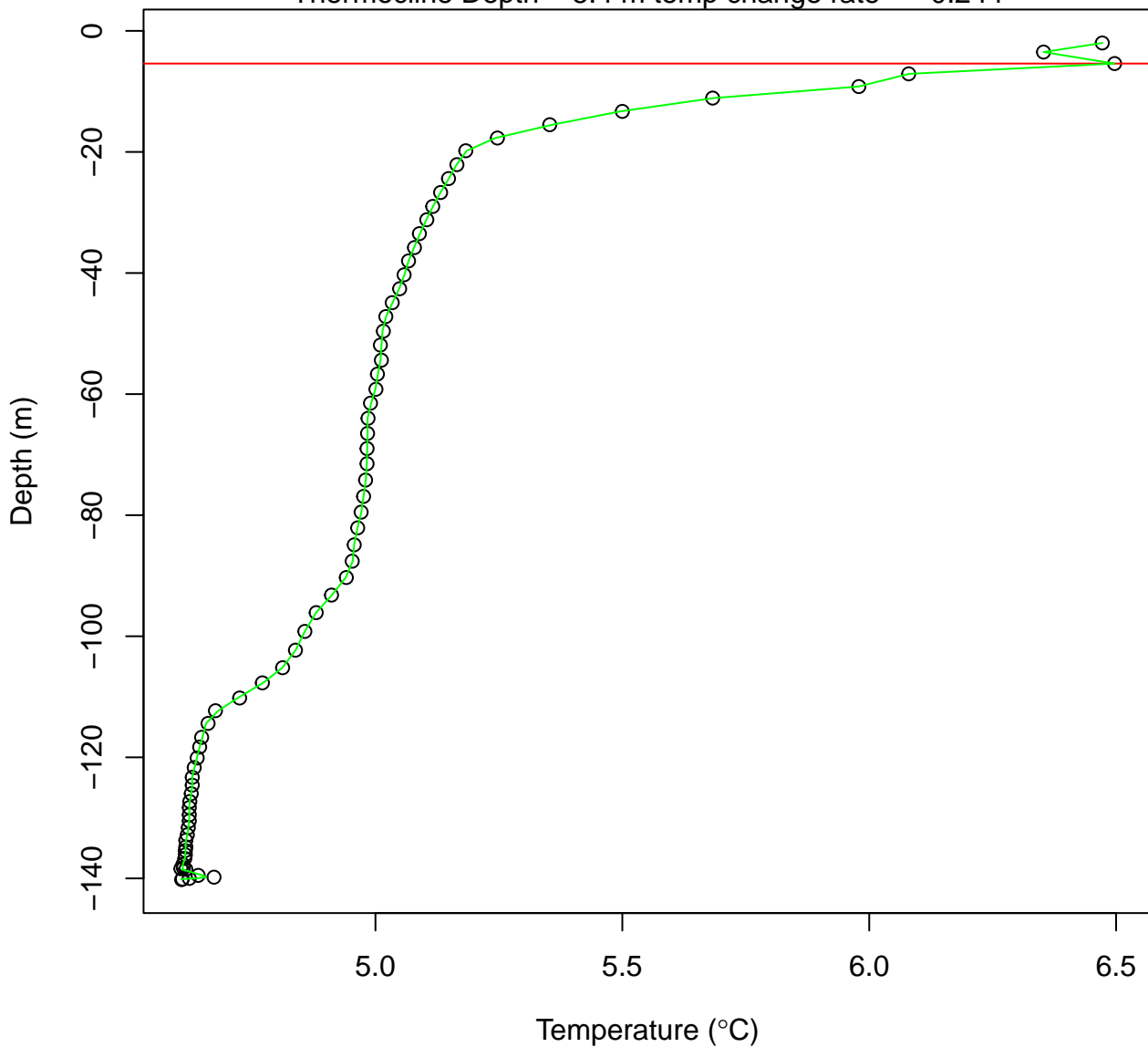
Vessel 176 Cruise 202201 Haul 143

Thermocline Depth = 188.8 m temp change rate = -0.023



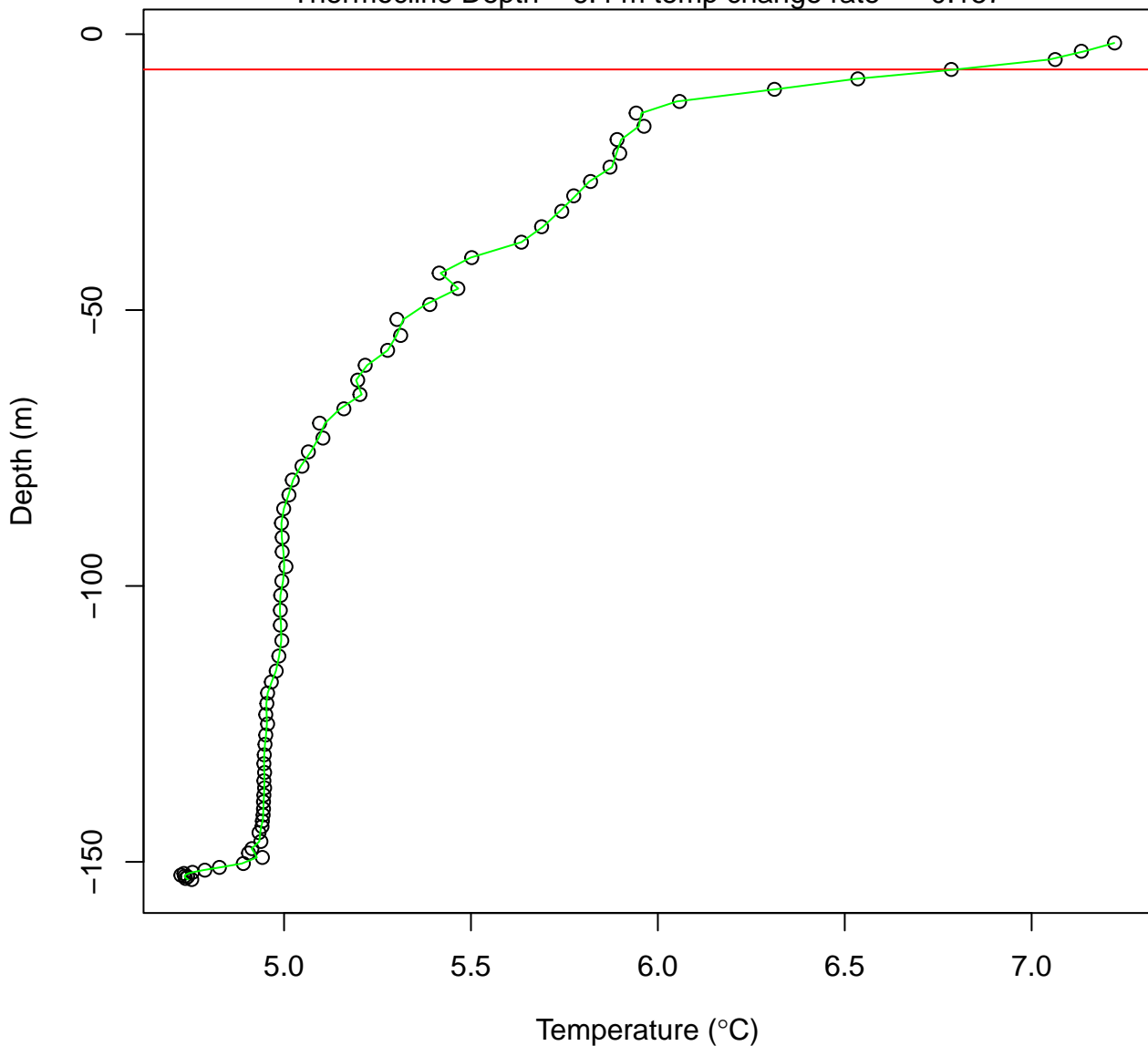
Vessel 176 Cruise 202201 Haul 144

Thermocline Depth = 5.4 m temp change rate = -0.244



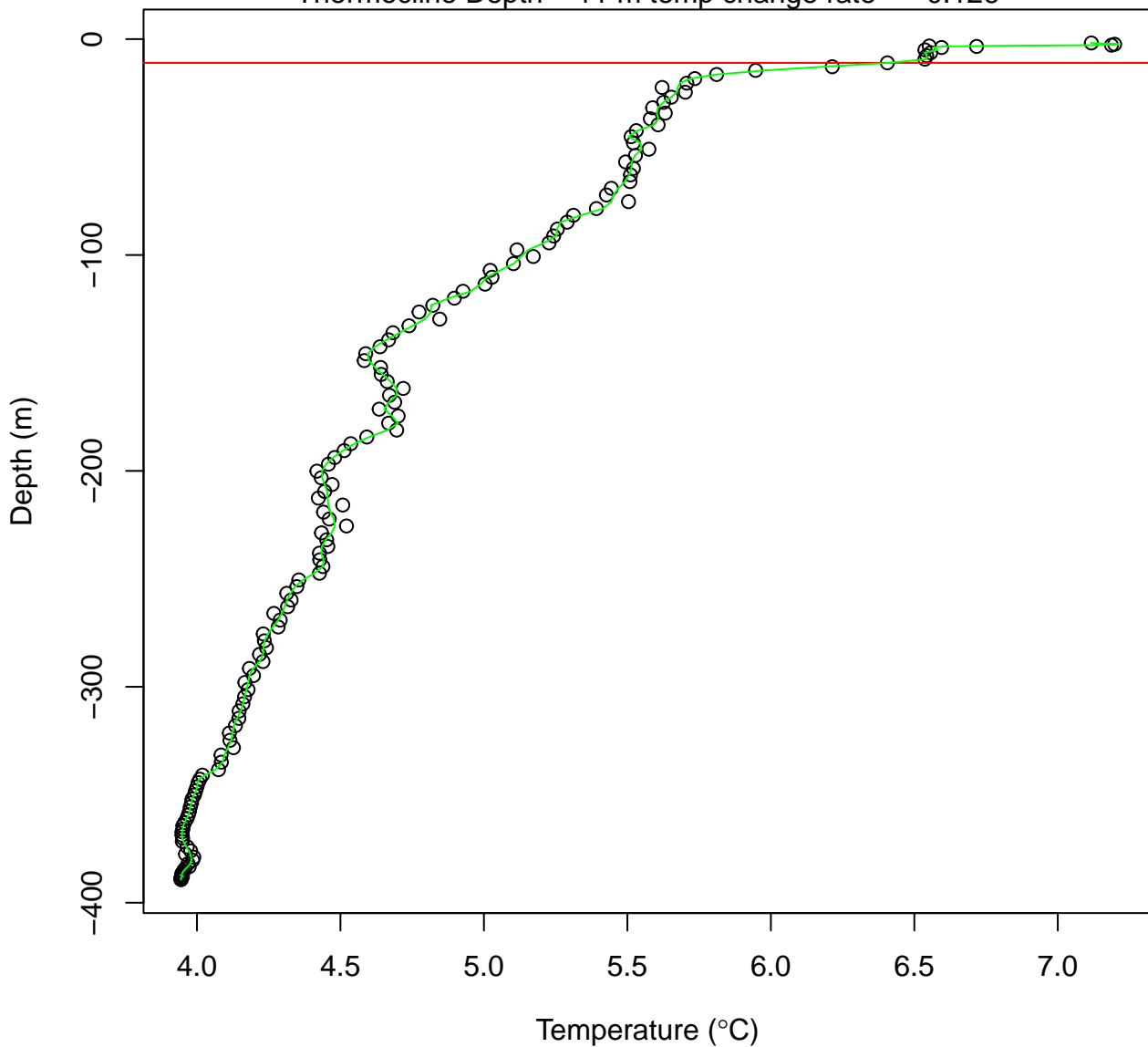
Vessel 176 Cruise 202201 Haul 145

Thermocline Depth = 6.4 m temp change rate = -0.157



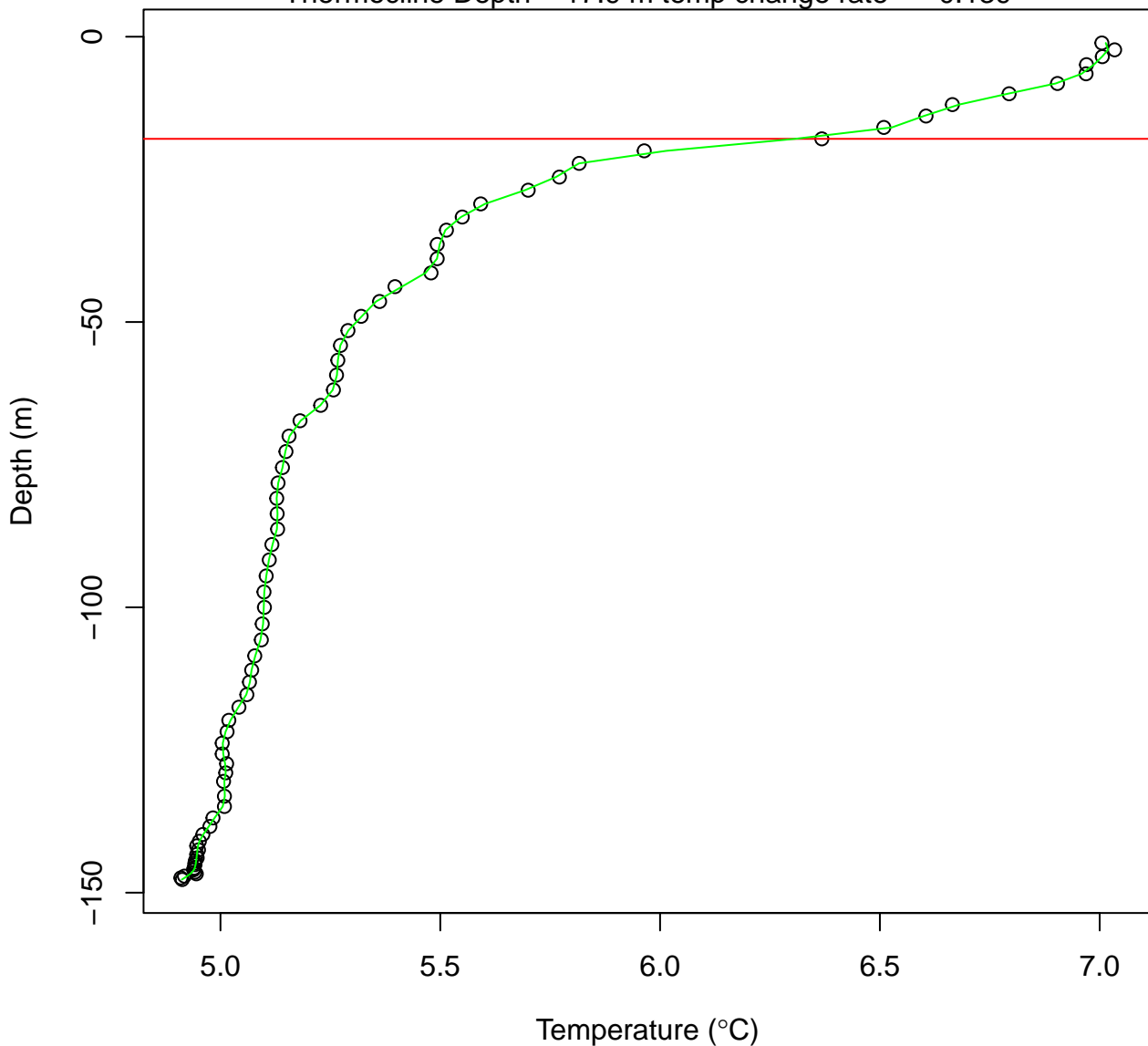
Vessel 176 Cruise 202201 Haul 146

Thermocline Depth = 11 m temp change rate = -0.126



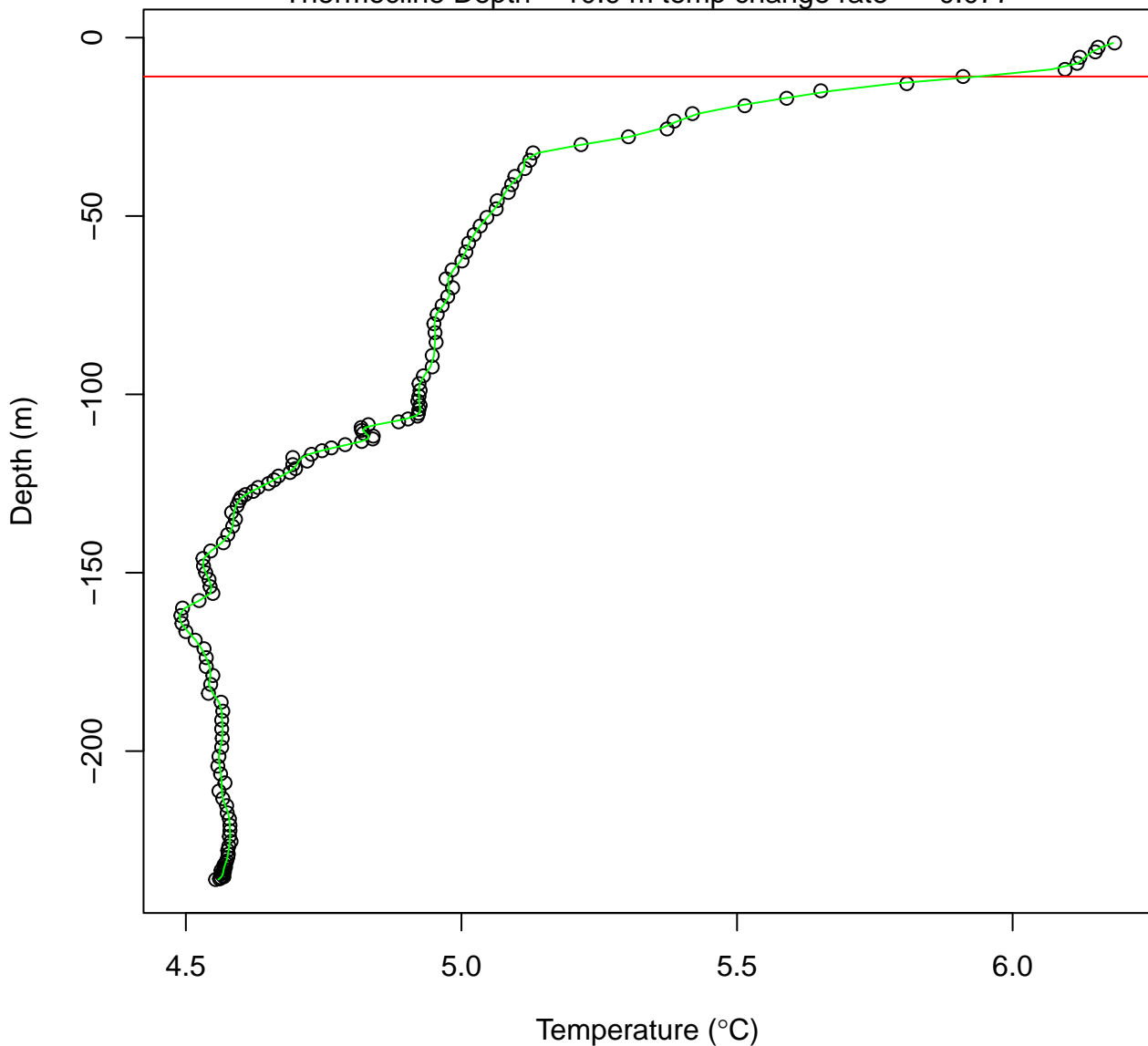
Vessel 176 Cruise 202201 Haul 147

Thermocline Depth = 17.9 m temp change rate = -0.139



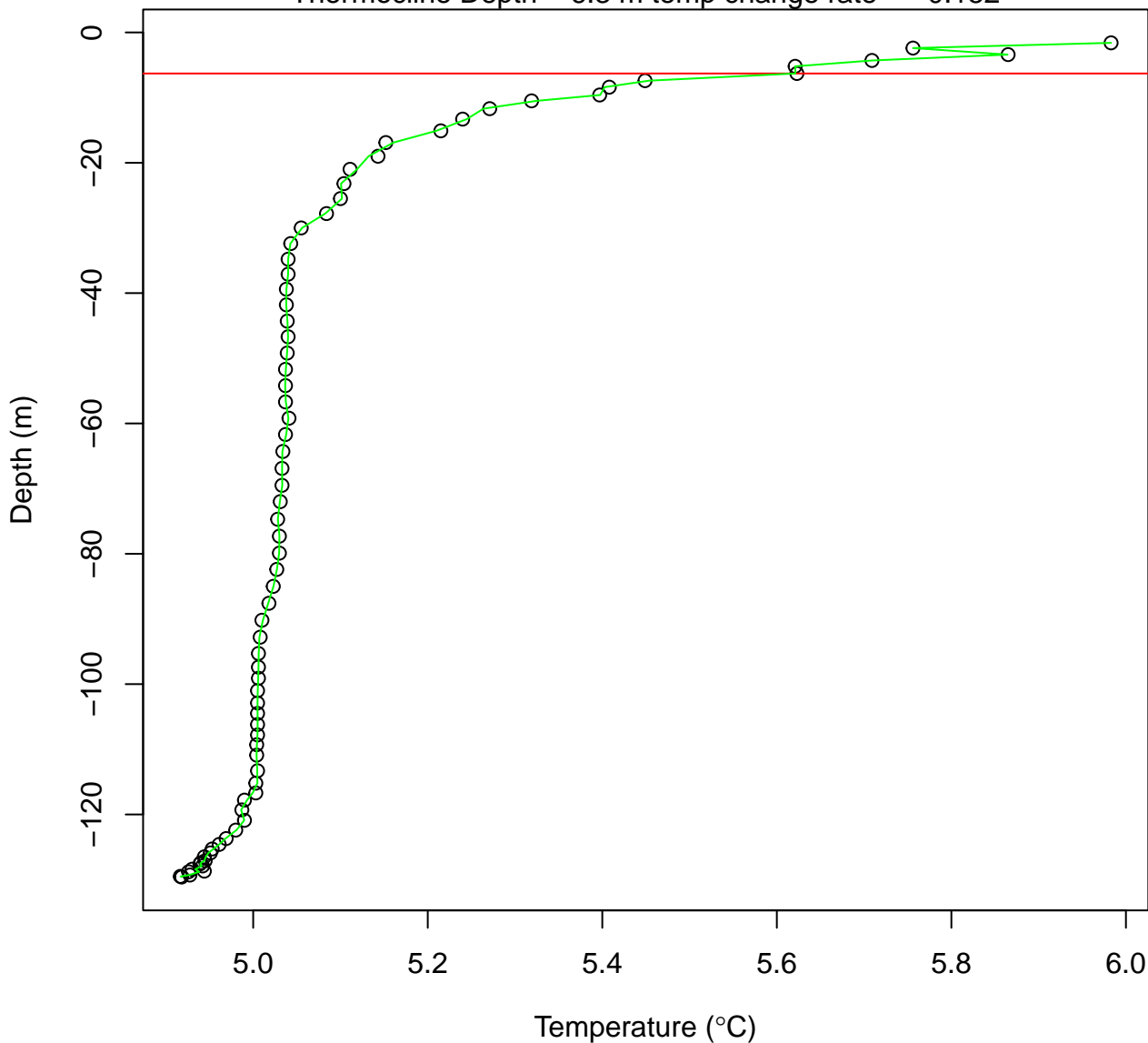
Vessel 176 Cruise 202201 Haul 148

Thermocline Depth = 10.9 m temp change rate = -0.077



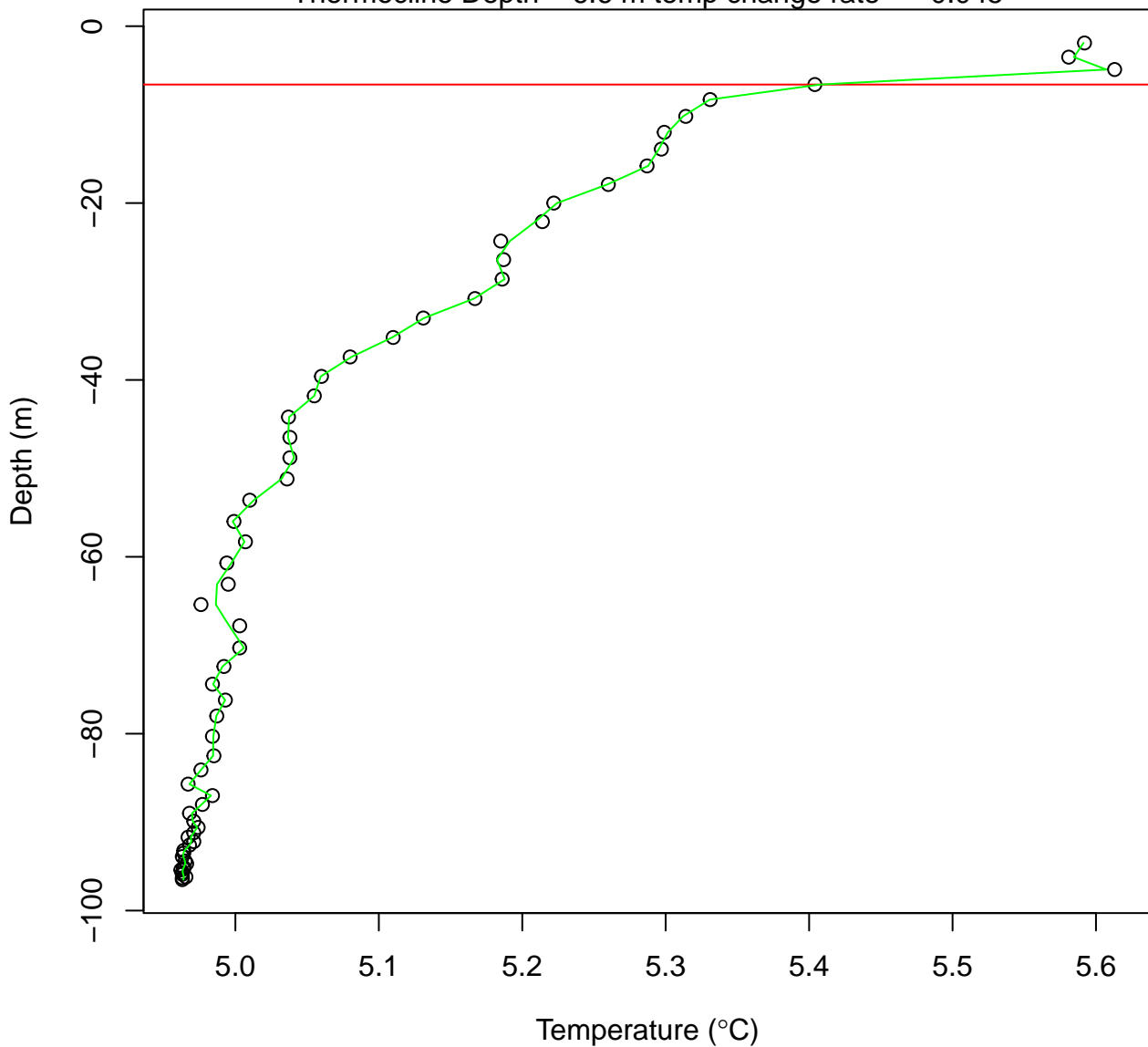
Vessel 176 Cruise 202201 Haul 149

Thermocline Depth = 6.3 m temp change rate = -0.152



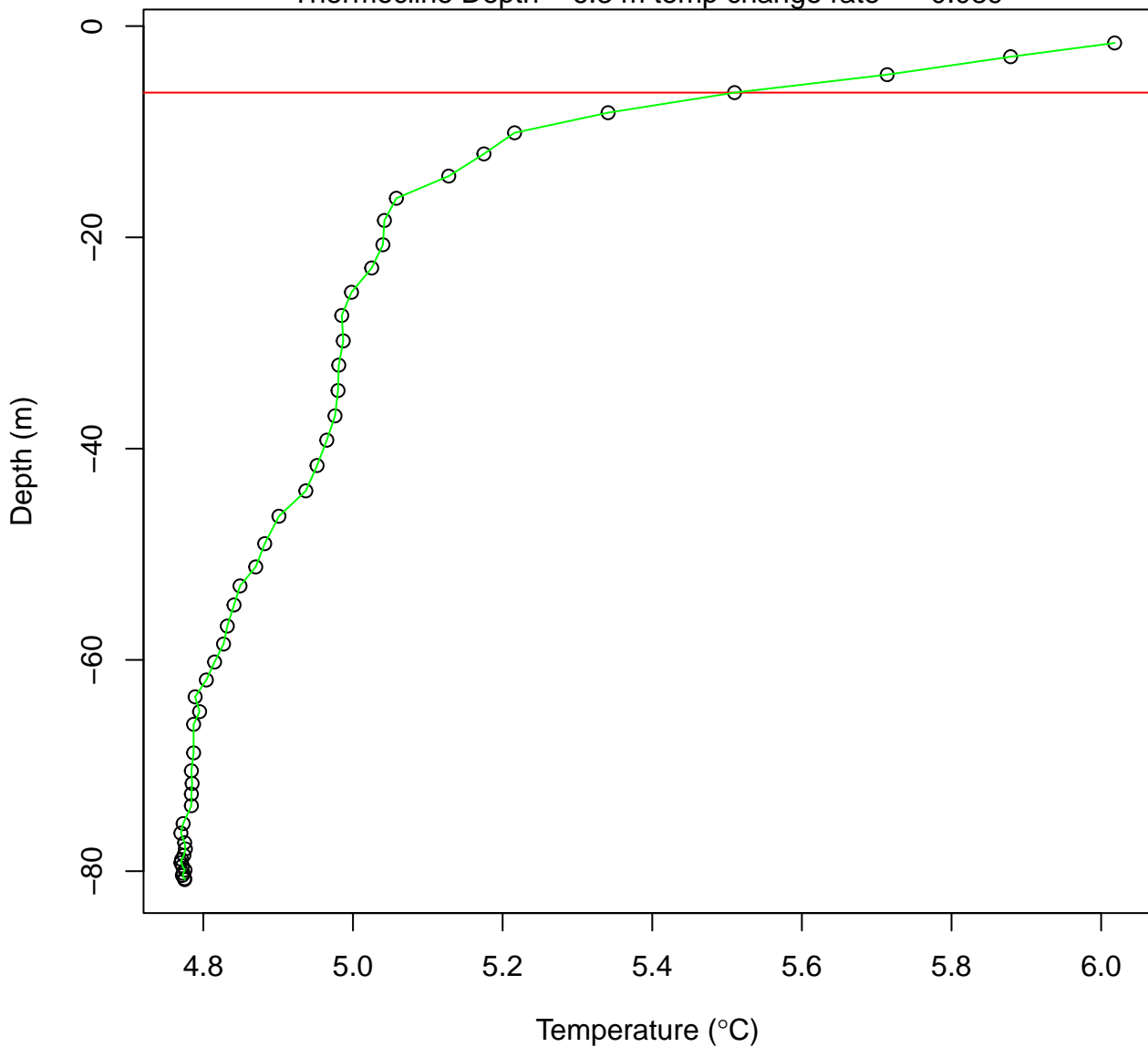
Vessel 176 Cruise 202201 Haul 150

Thermocline Depth = 6.6 m temp change rate = -0.045



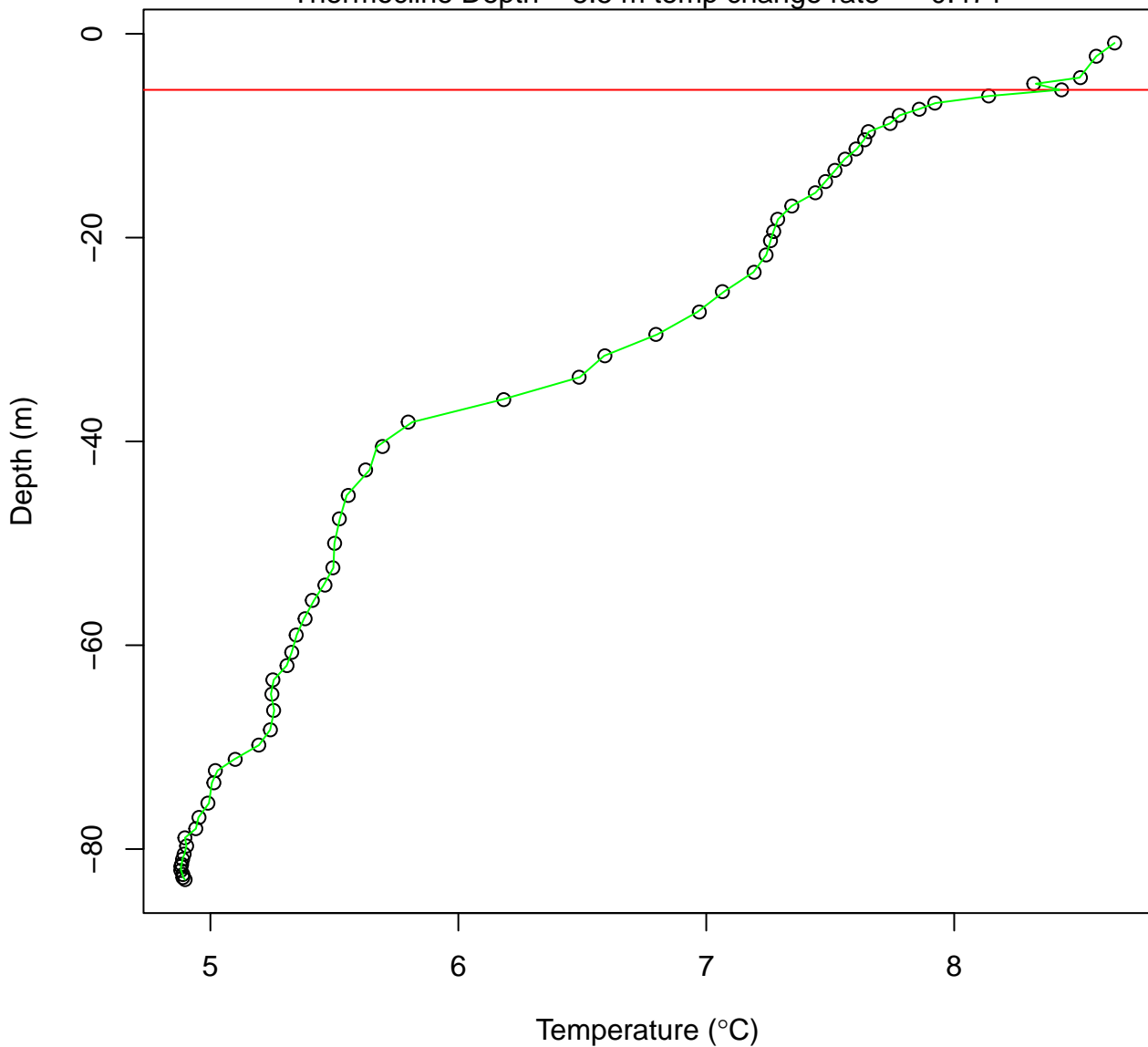
Vessel 176 Cruise 202201 Haul 151

Thermocline Depth = 6.3 m temp change rate = -0.089



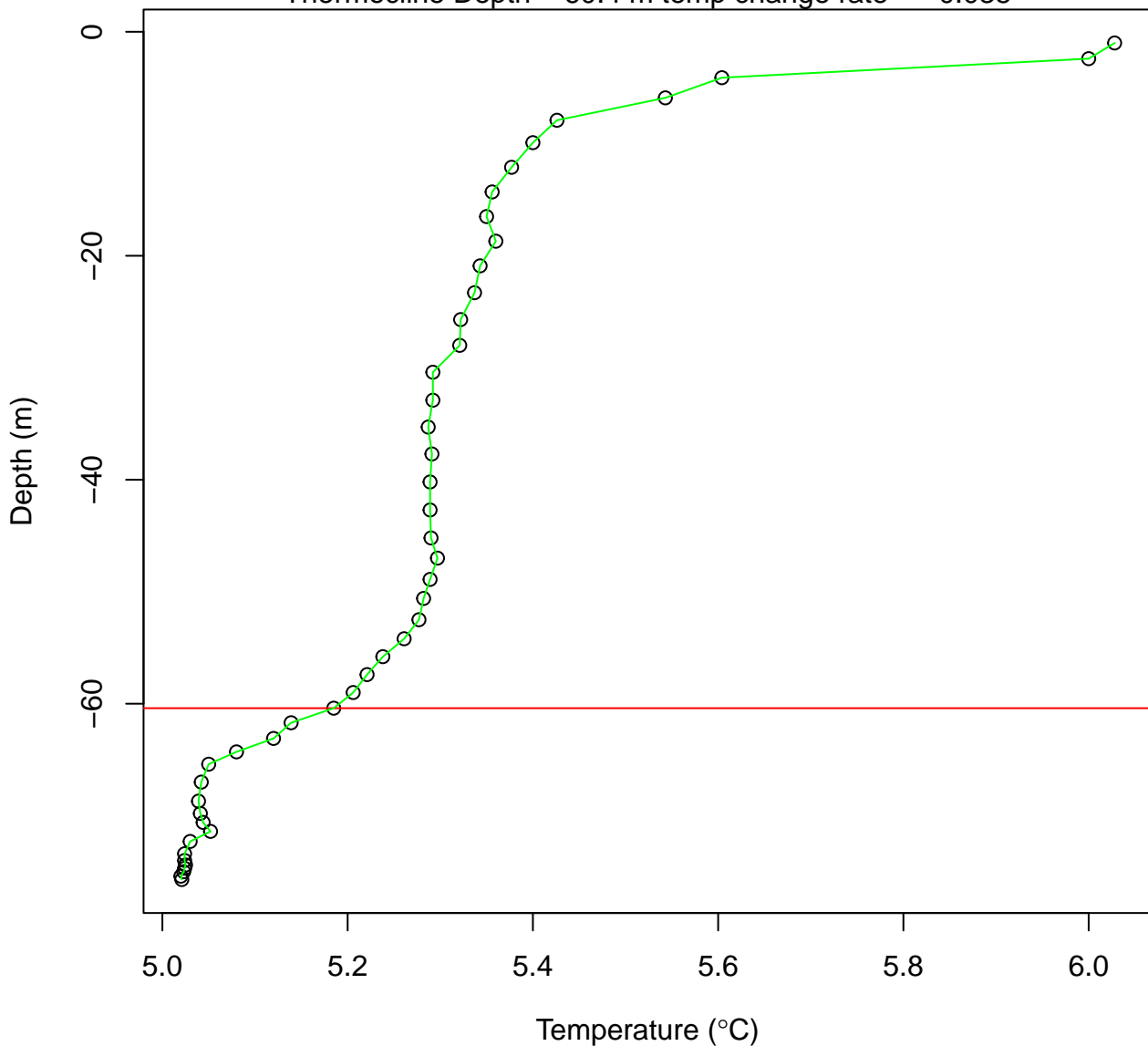
Vessel 176 Cruise 202201 Haul 152

Thermocline Depth = 5.5 m temp change rate = -0.471



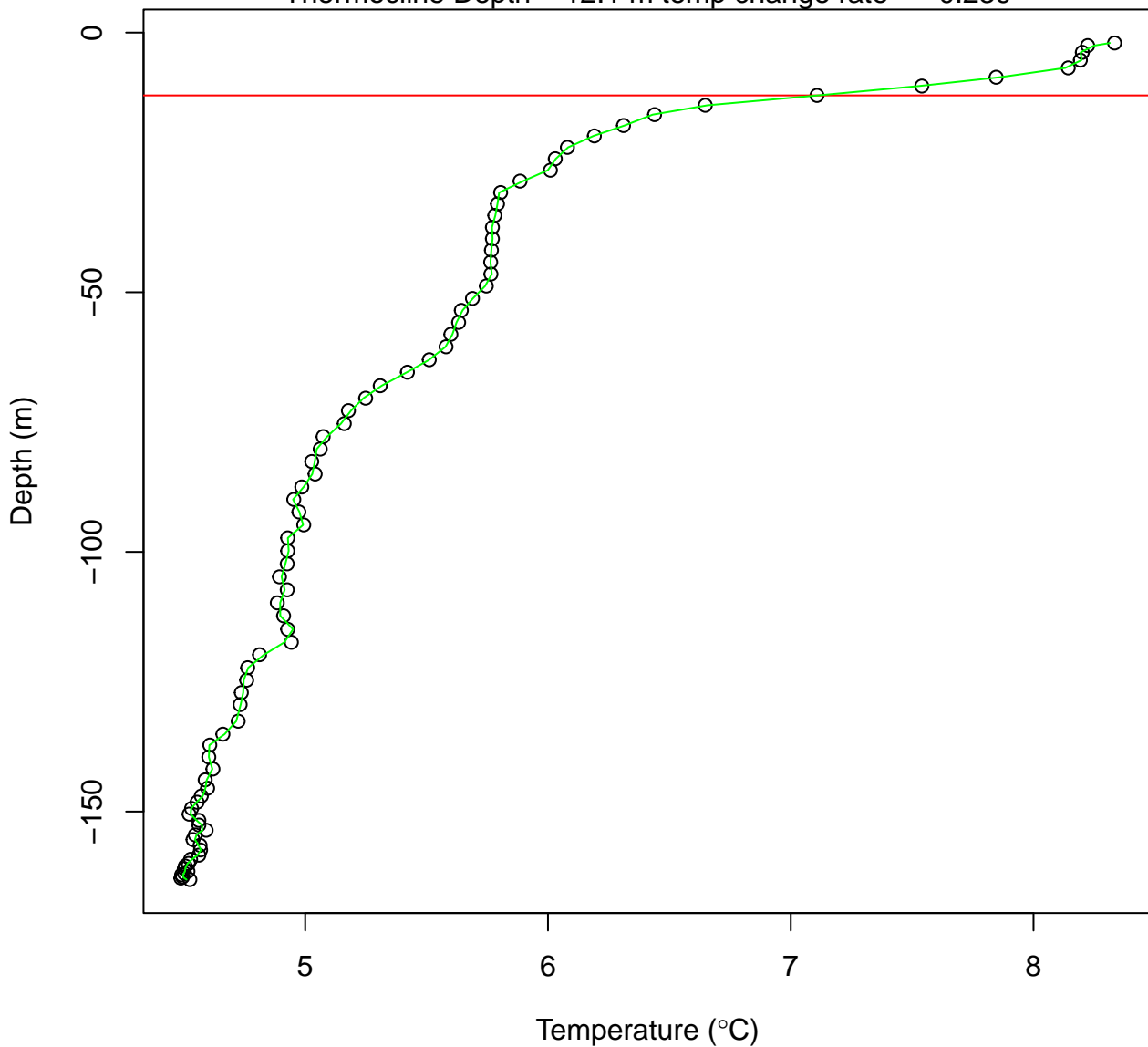
Vessel 176 Cruise 202201 Haul 153

Thermocline Depth = 60.4 m temp change rate = -0.035



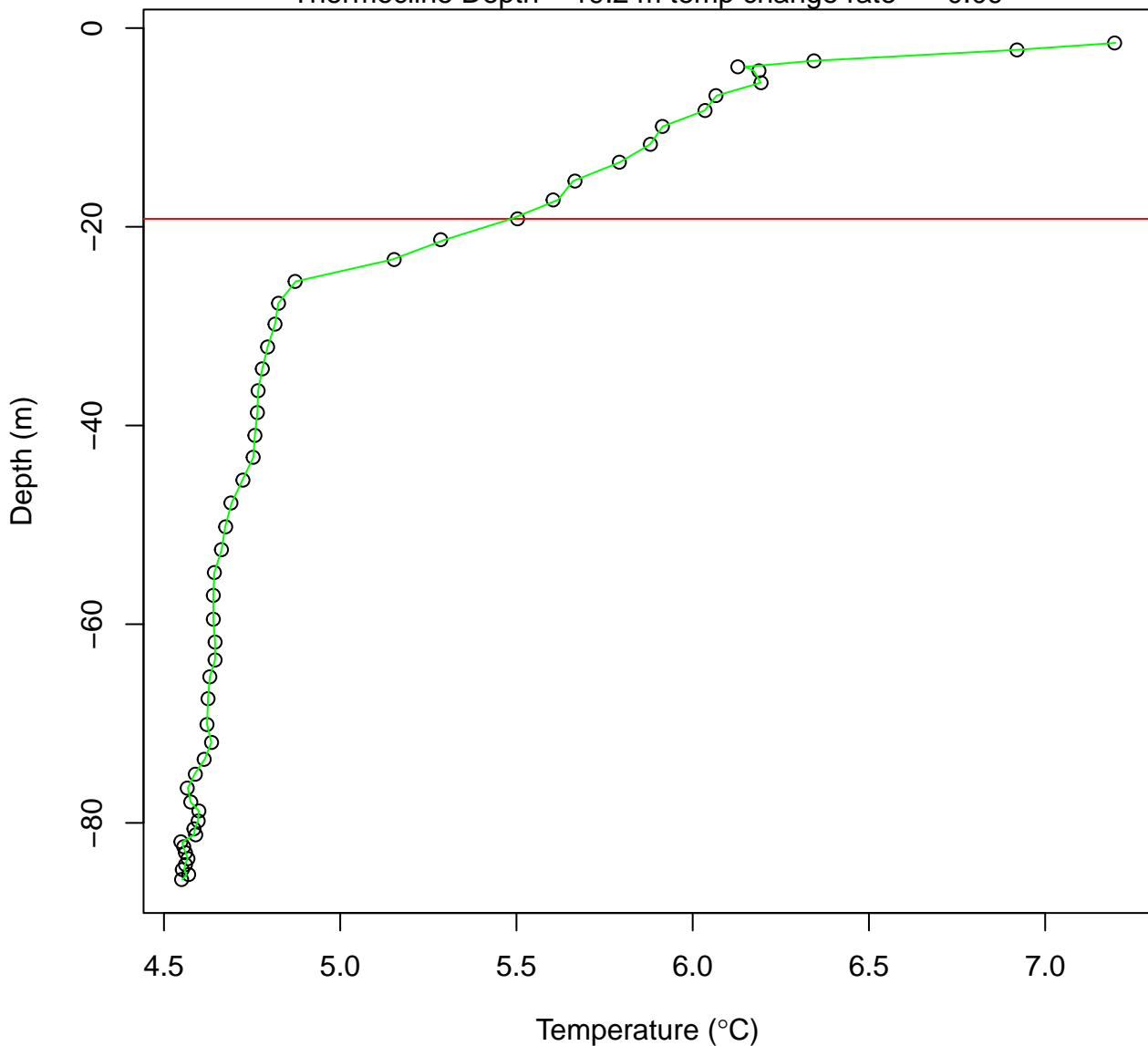
Vessel 176 Cruise 202201 Haul 154

Thermocline Depth = 12.1 m temp change rate = -0.239



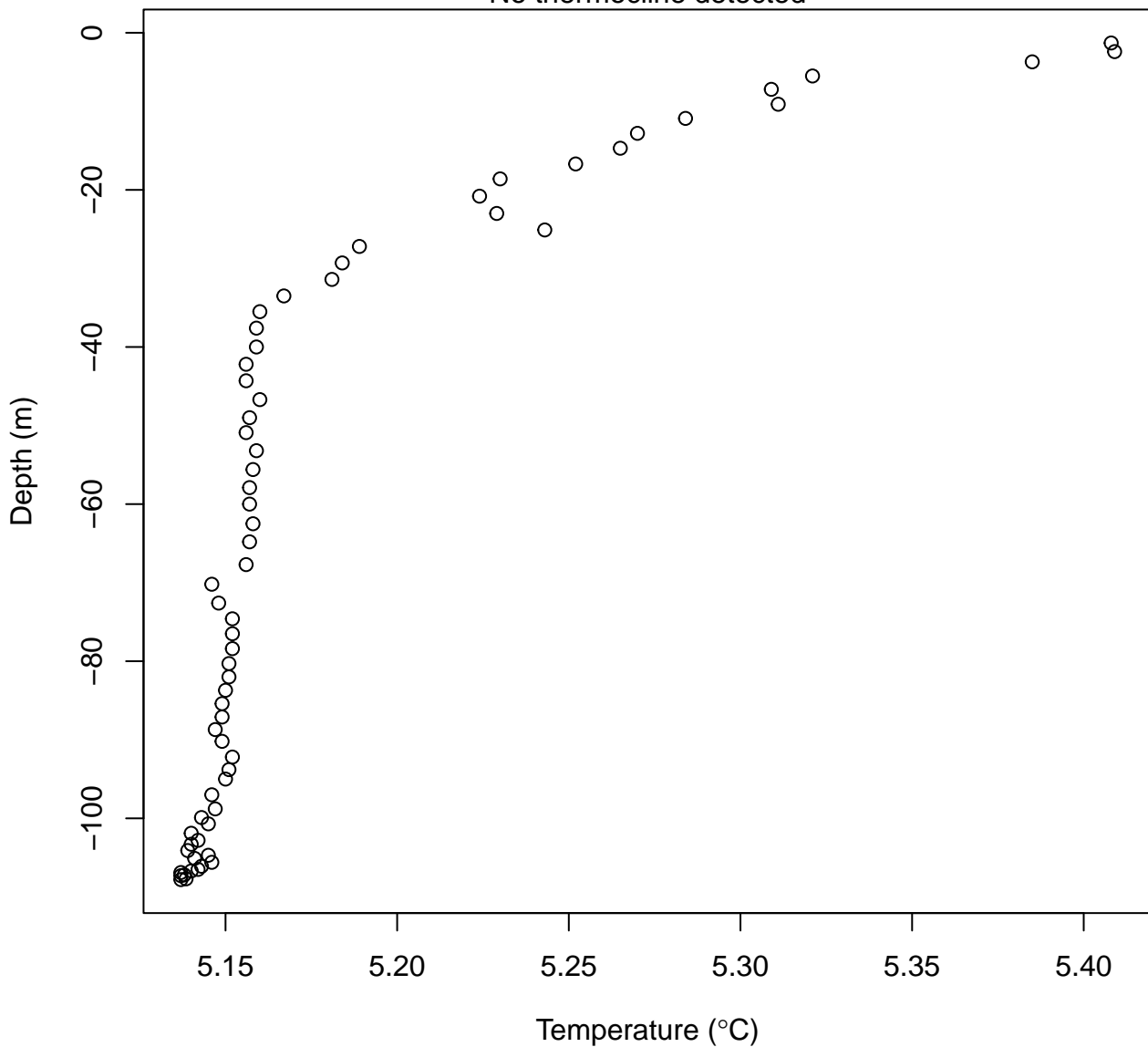
Vessel 176 Cruise 202201 Haul 155

Thermocline Depth = 19.2 m temp change rate = -0.09



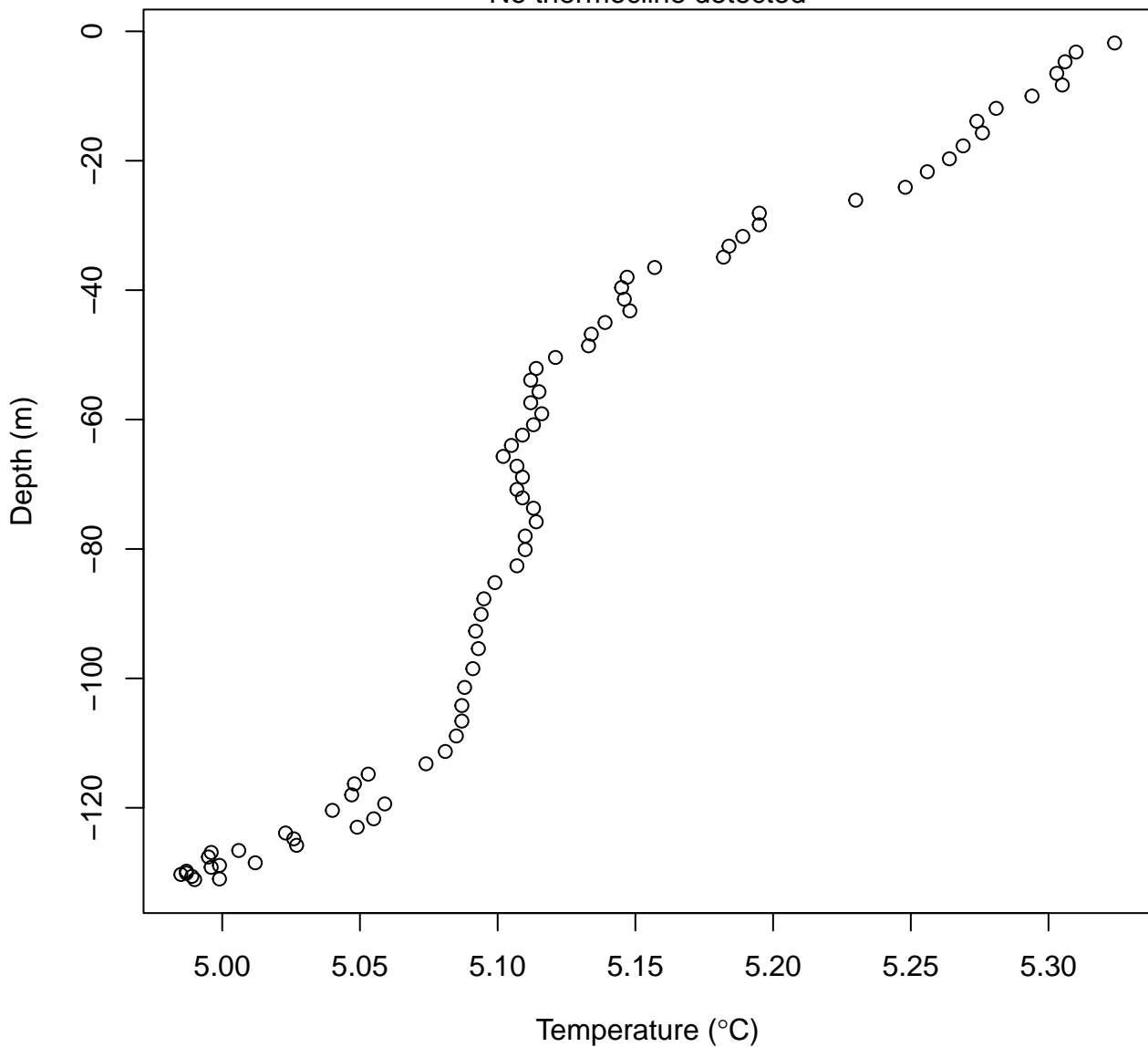
Vessel 176 Cruise 202201 Haul 156

No thermocline detected



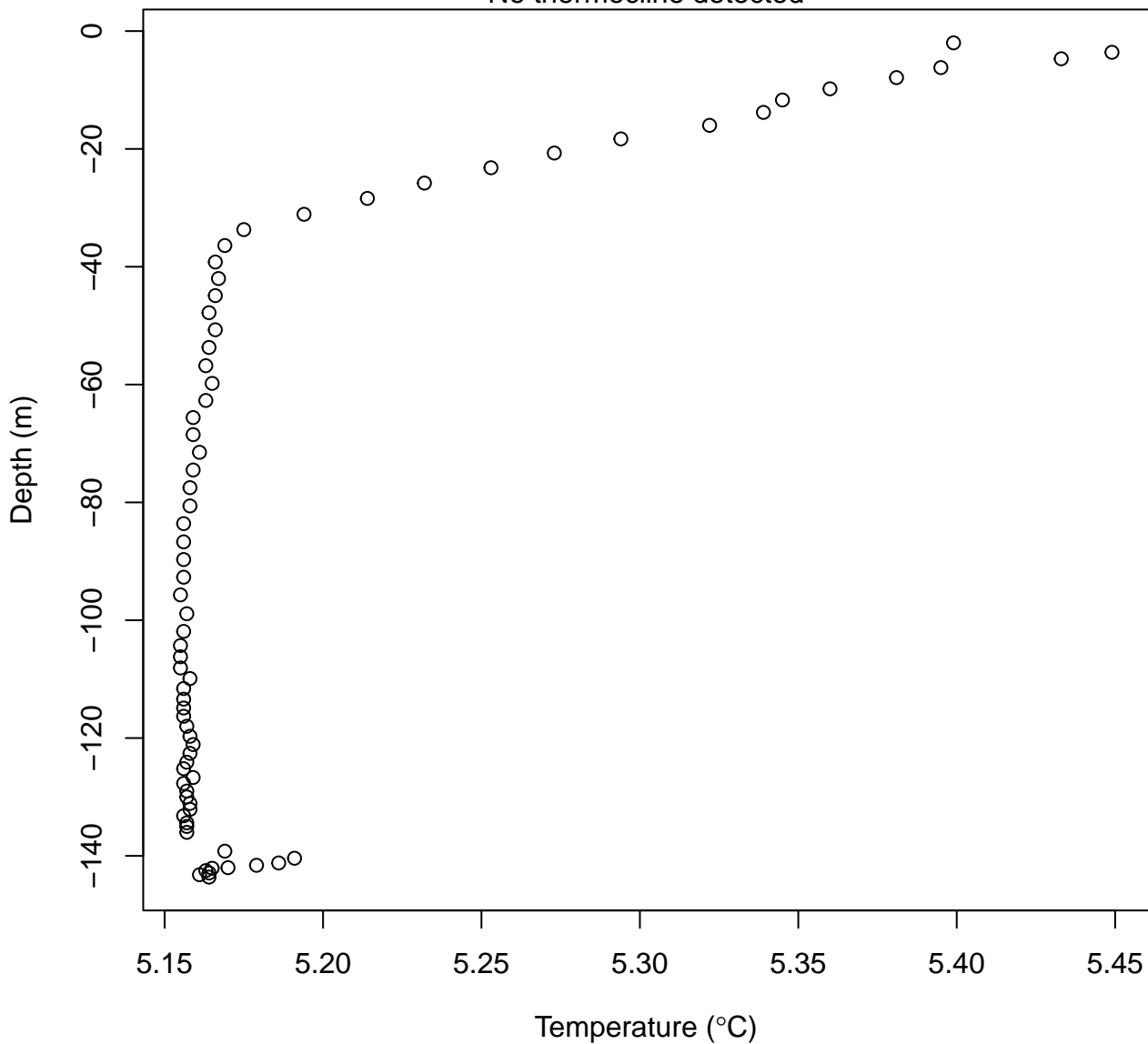
Vessel 176 Cruise 202201 Haul 157

No thermocline detected



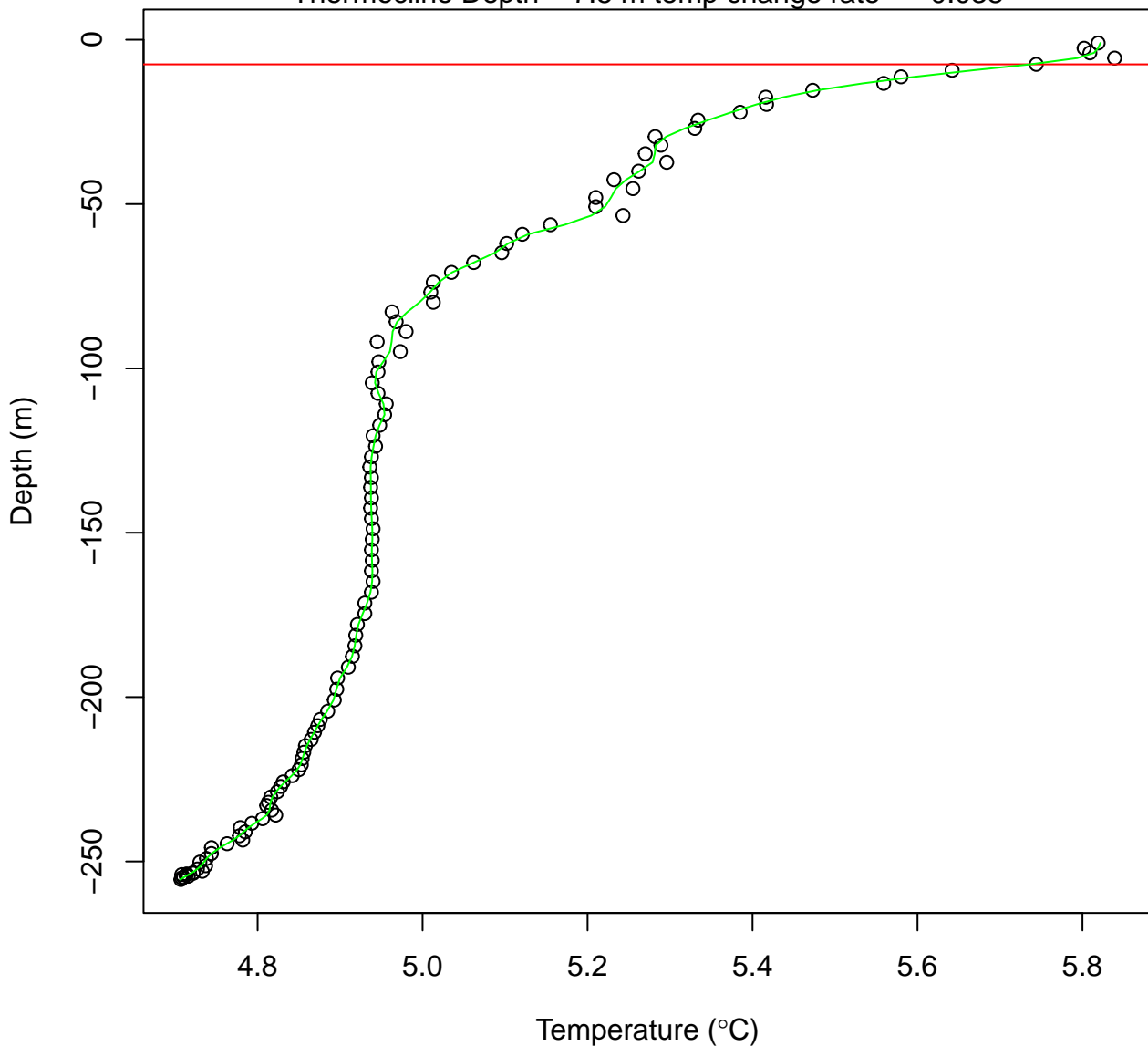
Vessel 176 Cruise 202201 Haul 158

No thermocline detected



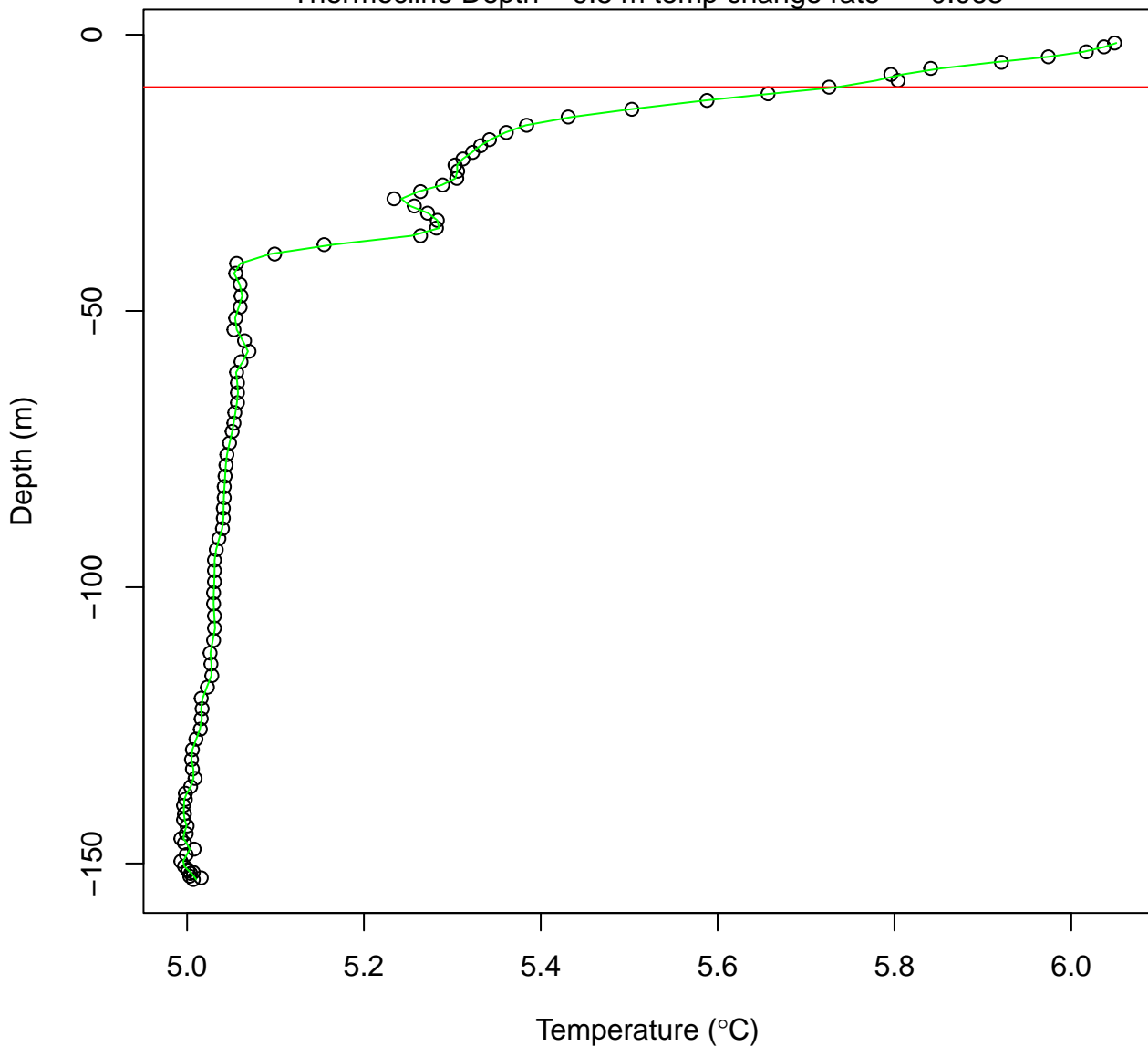
Vessel 176 Cruise 202201 Haul 159

Thermocline Depth = 7.5 m temp change rate = -0.038



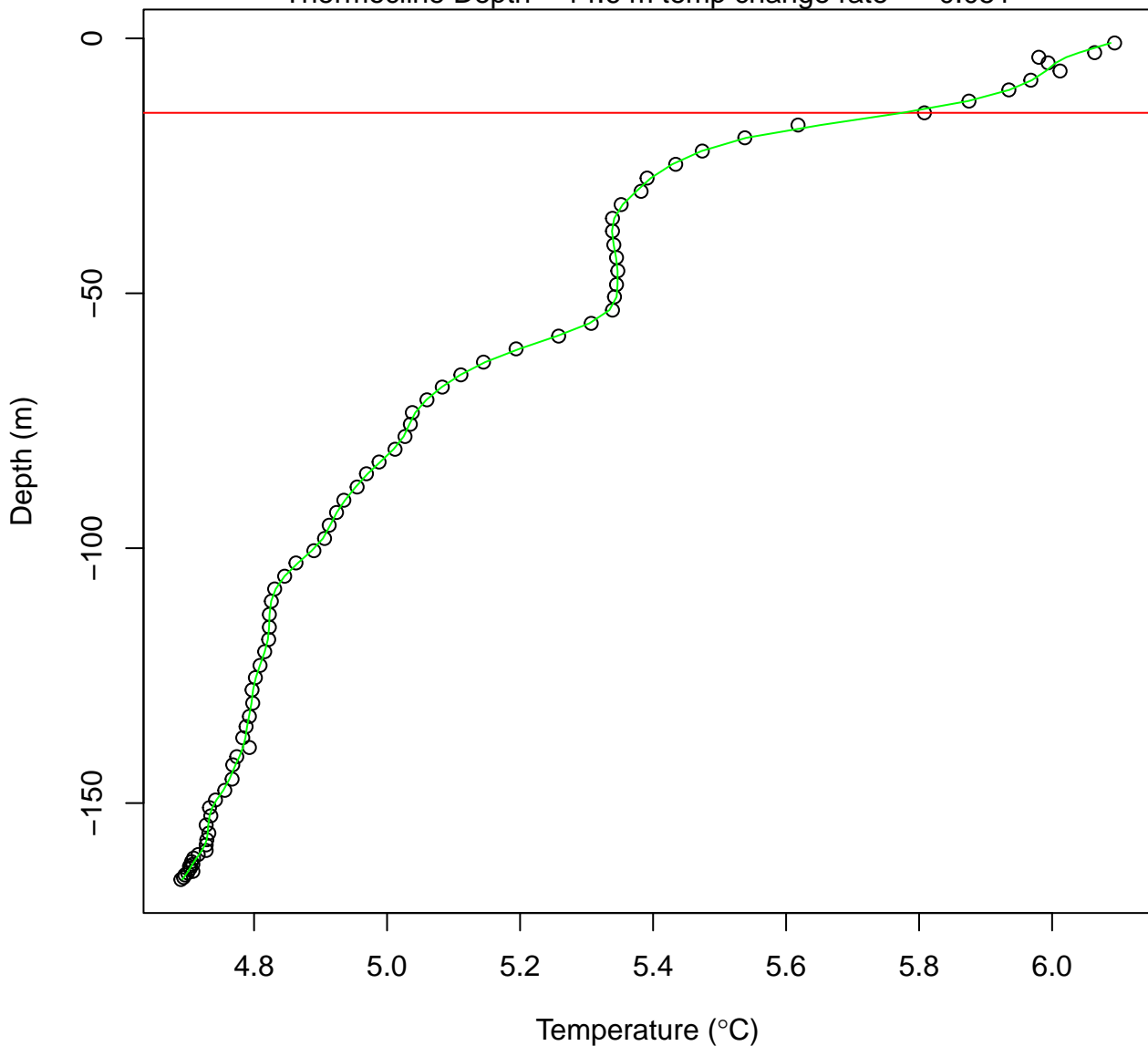
Vessel 176 Cruise 202201 Haul 160

Thermocline Depth = 9.5 m temp change rate = -0.063



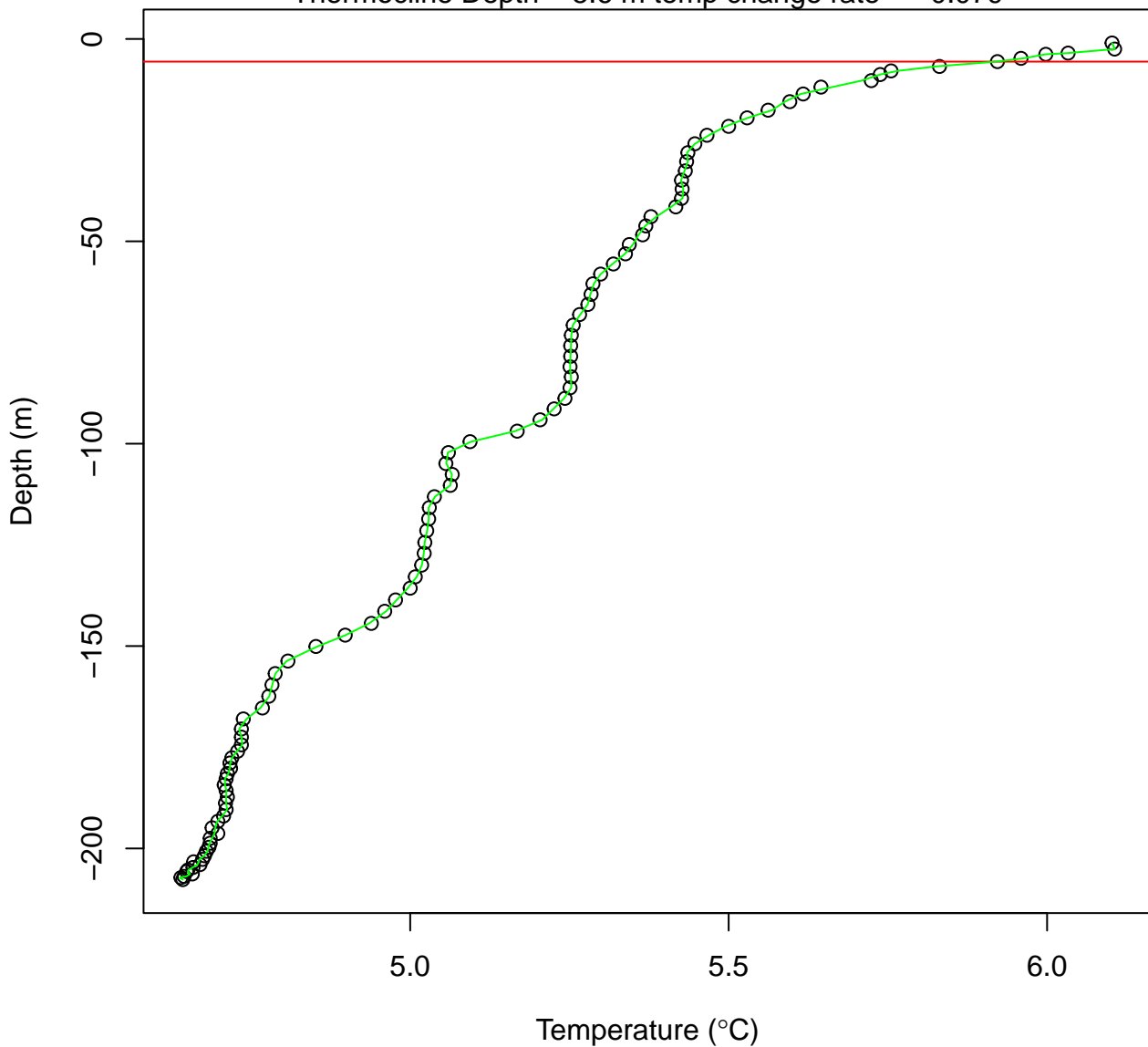
Vessel 176 Cruise 202201 Haul 161

Thermocline Depth = 14.6 m temp change rate = -0.051



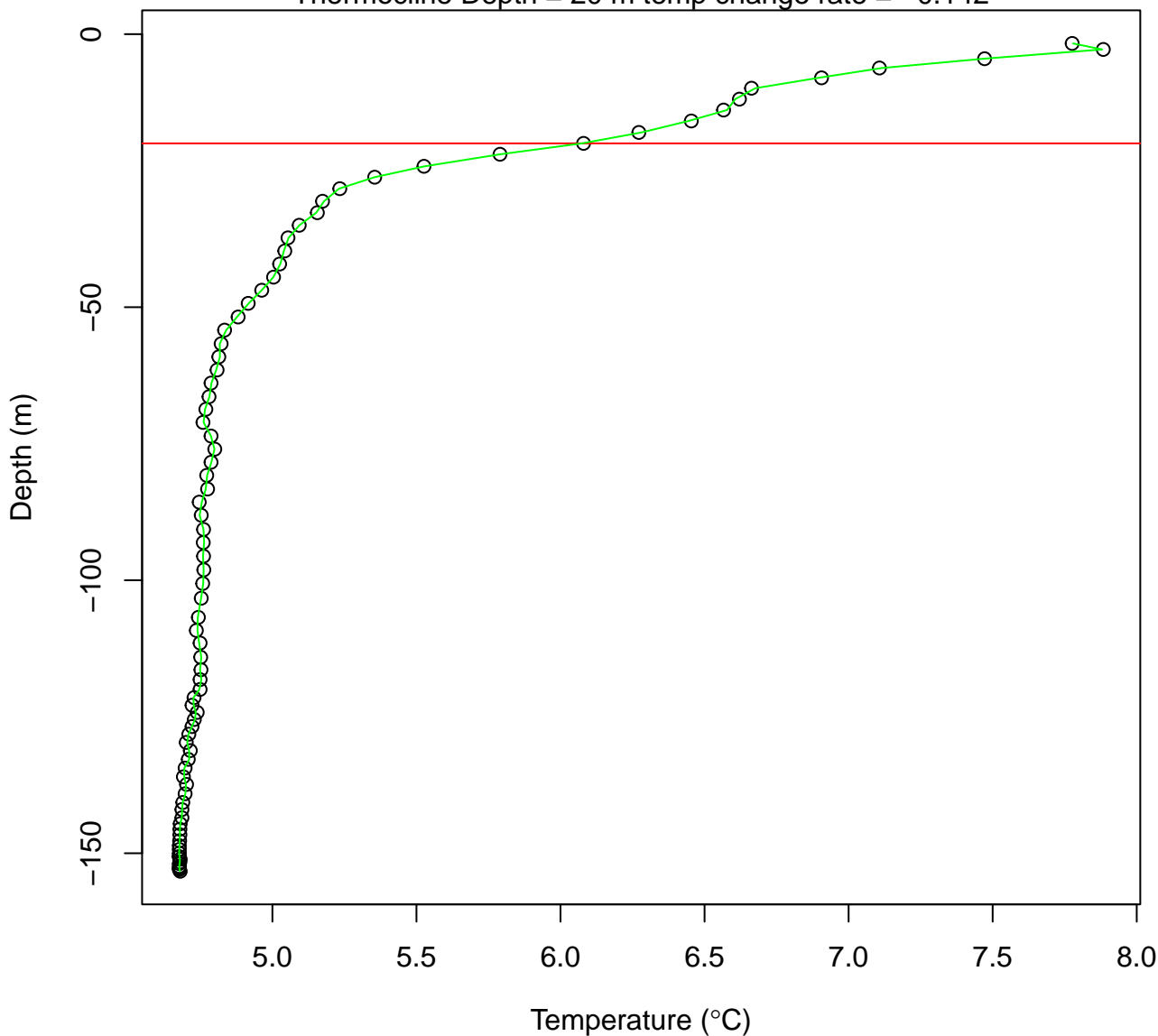
Vessel 176 Cruise 202201 Haul 162

Thermocline Depth = 5.6 m temp change rate = -0.079



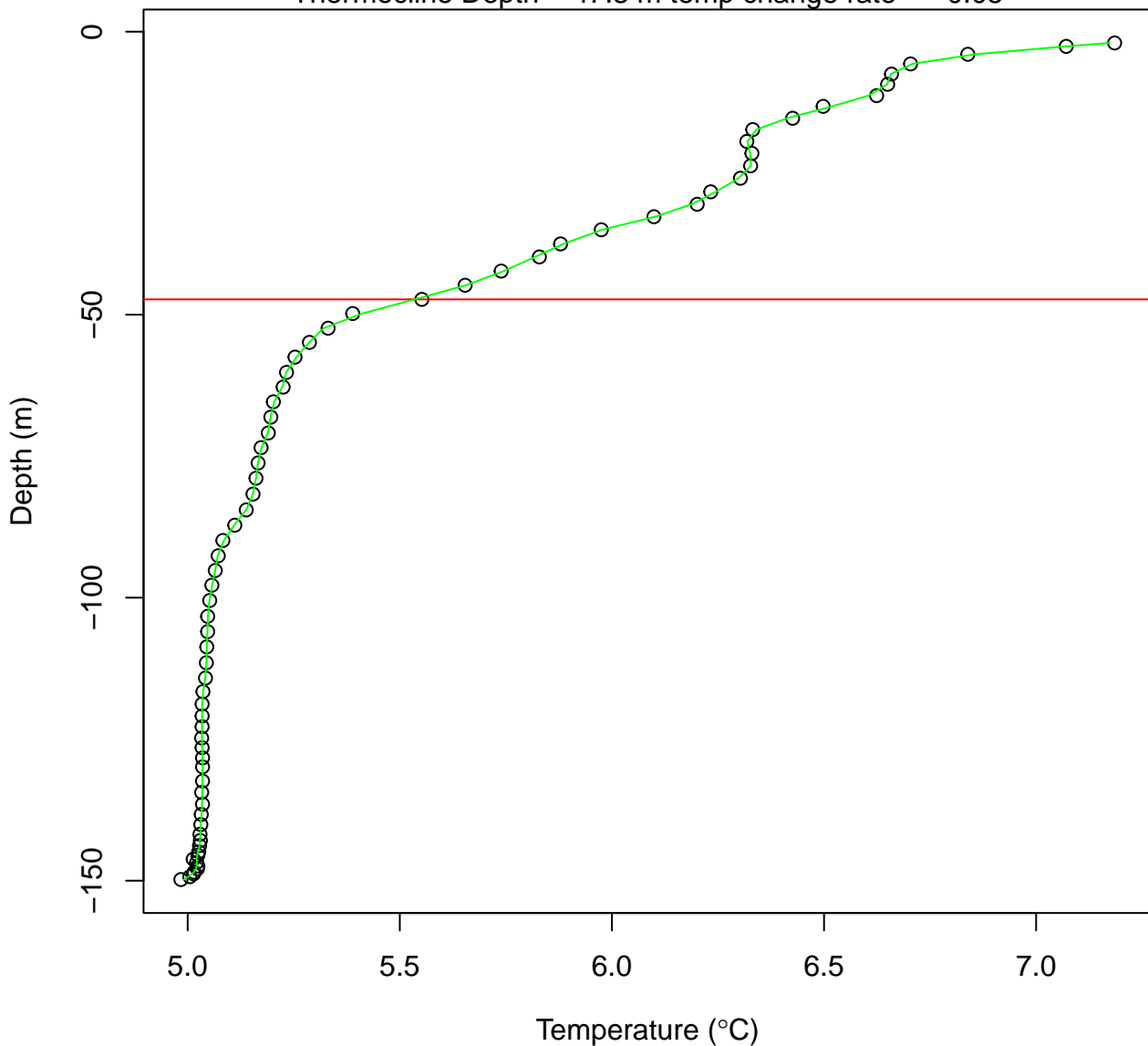
Vessel 176 Cruise 202201 Haul 163

Thermocline Depth = 20 m temp change rate = -0.142



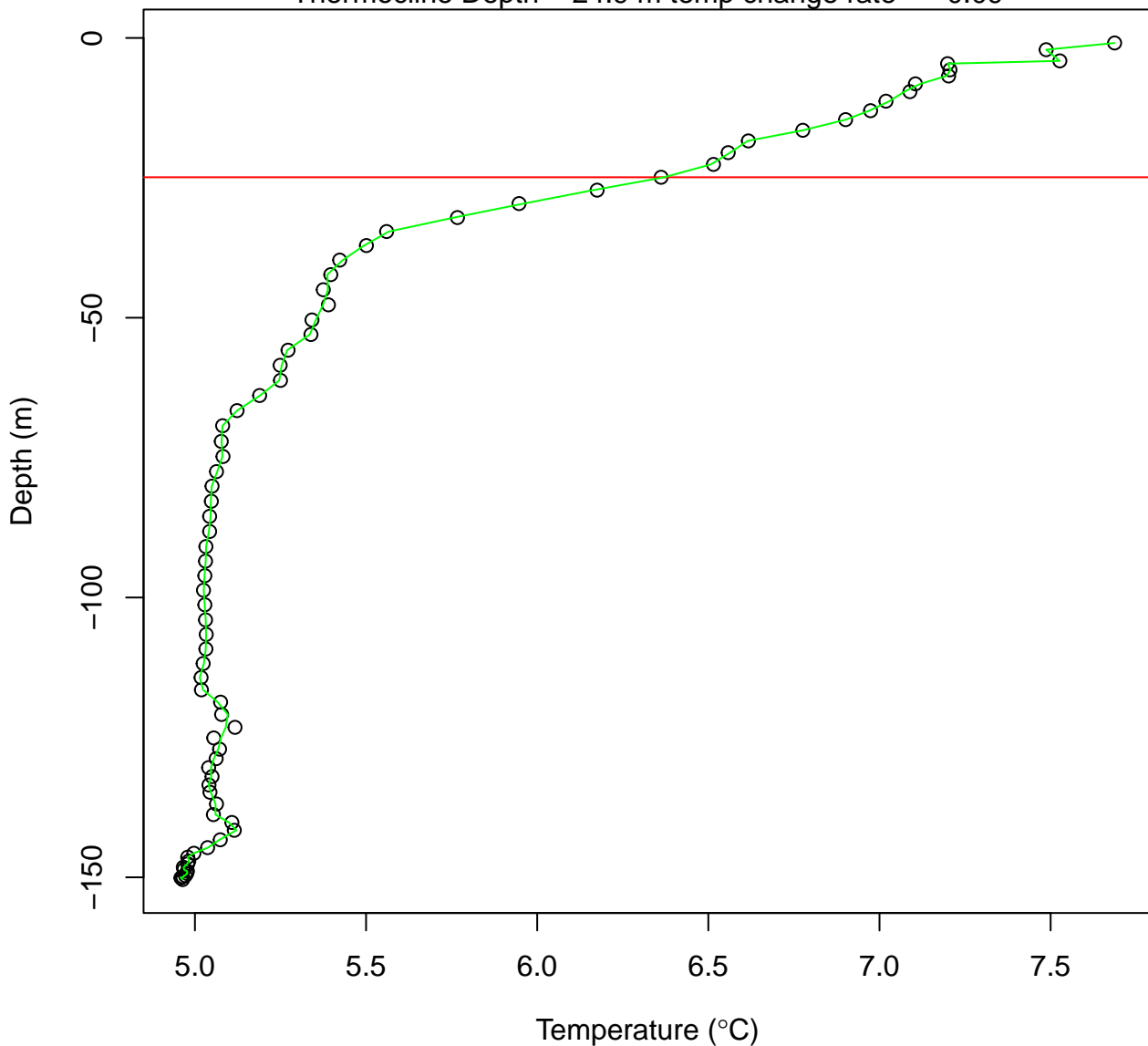
Vessel 176 Cruise 202201 Haul 164

Thermocline Depth = 47.3 m temp change rate = -0.05



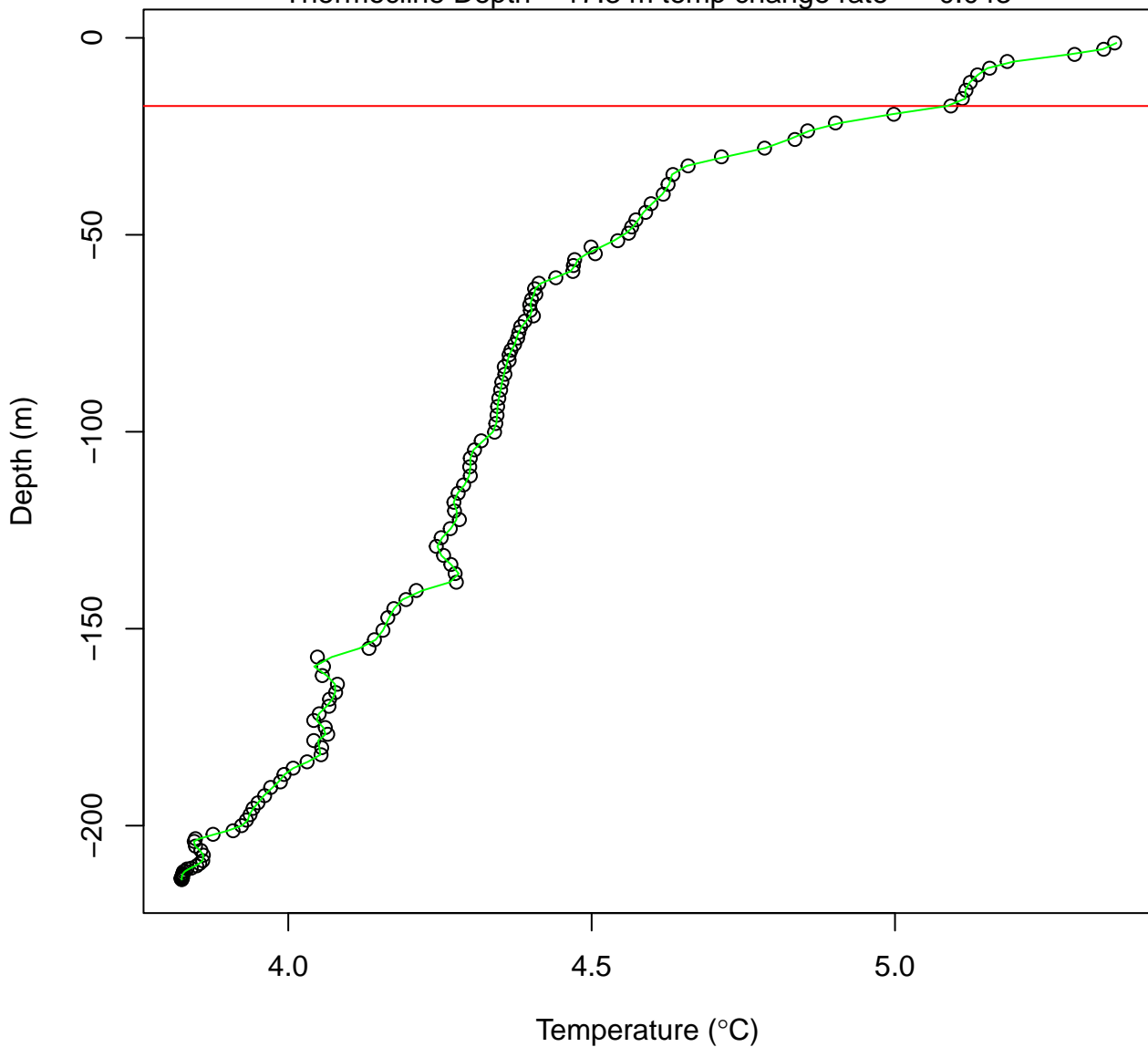
Vessel 176 Cruise 202201 Haul 165

Thermocline Depth = 24.9 m temp change rate = -0.09



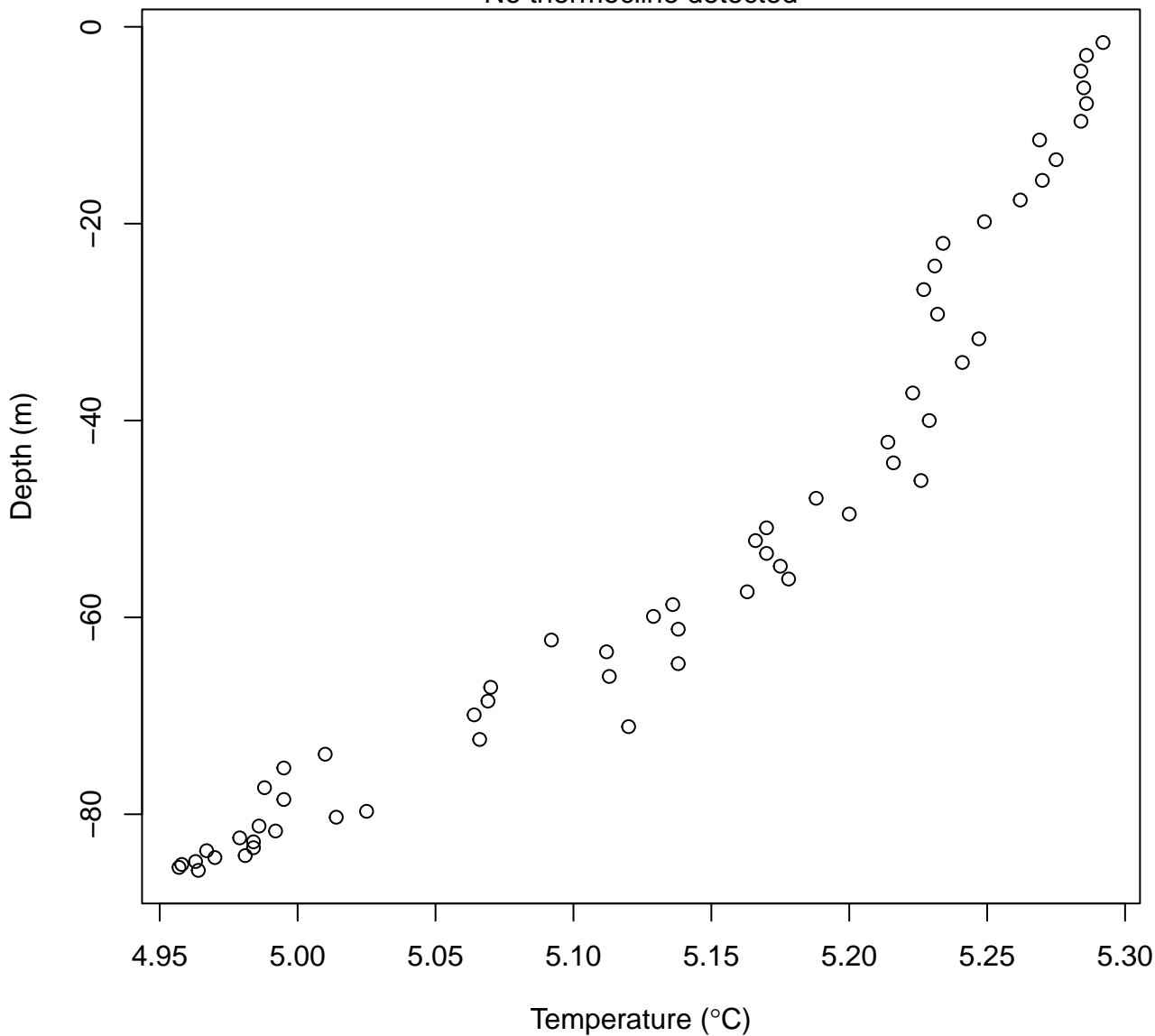
Vessel 176 Cruise 202201 Haul 166

Thermocline Depth = 17.3 m temp change rate = -0.043



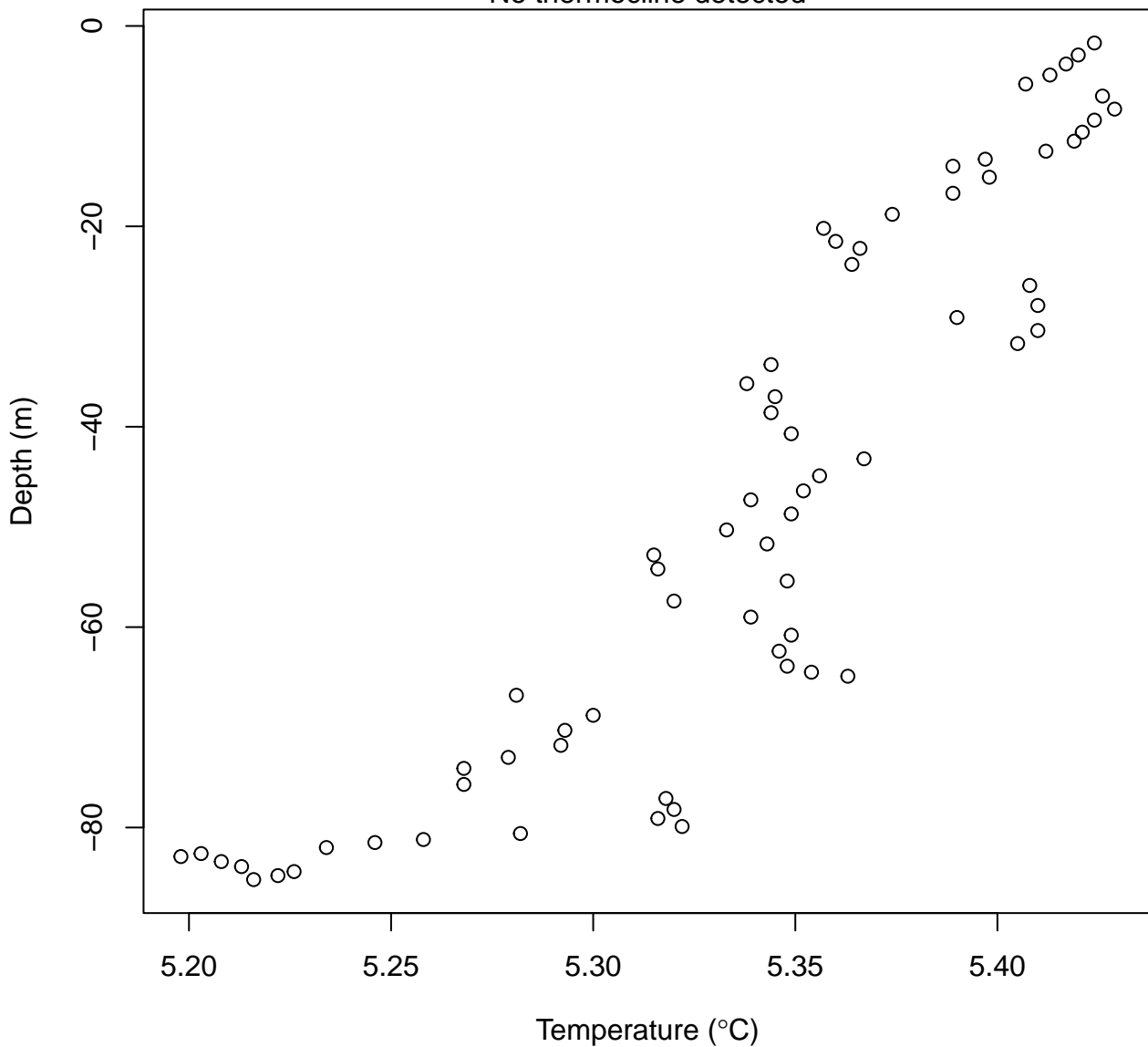
Vessel 176 Cruise 202201 Haul 167

No thermocline detected



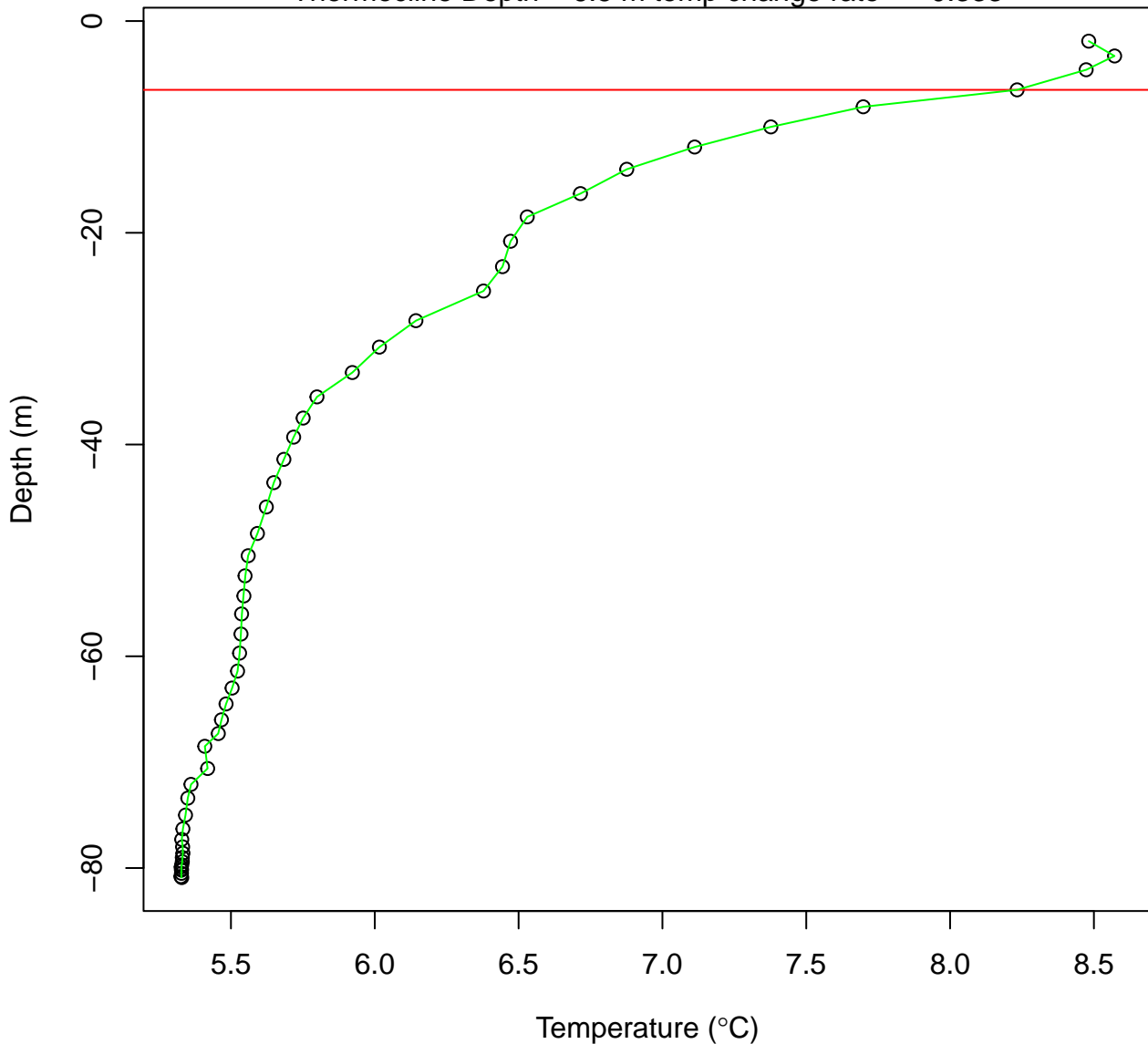
Vessel 176 Cruise 202201 Haul 168

No thermocline detected



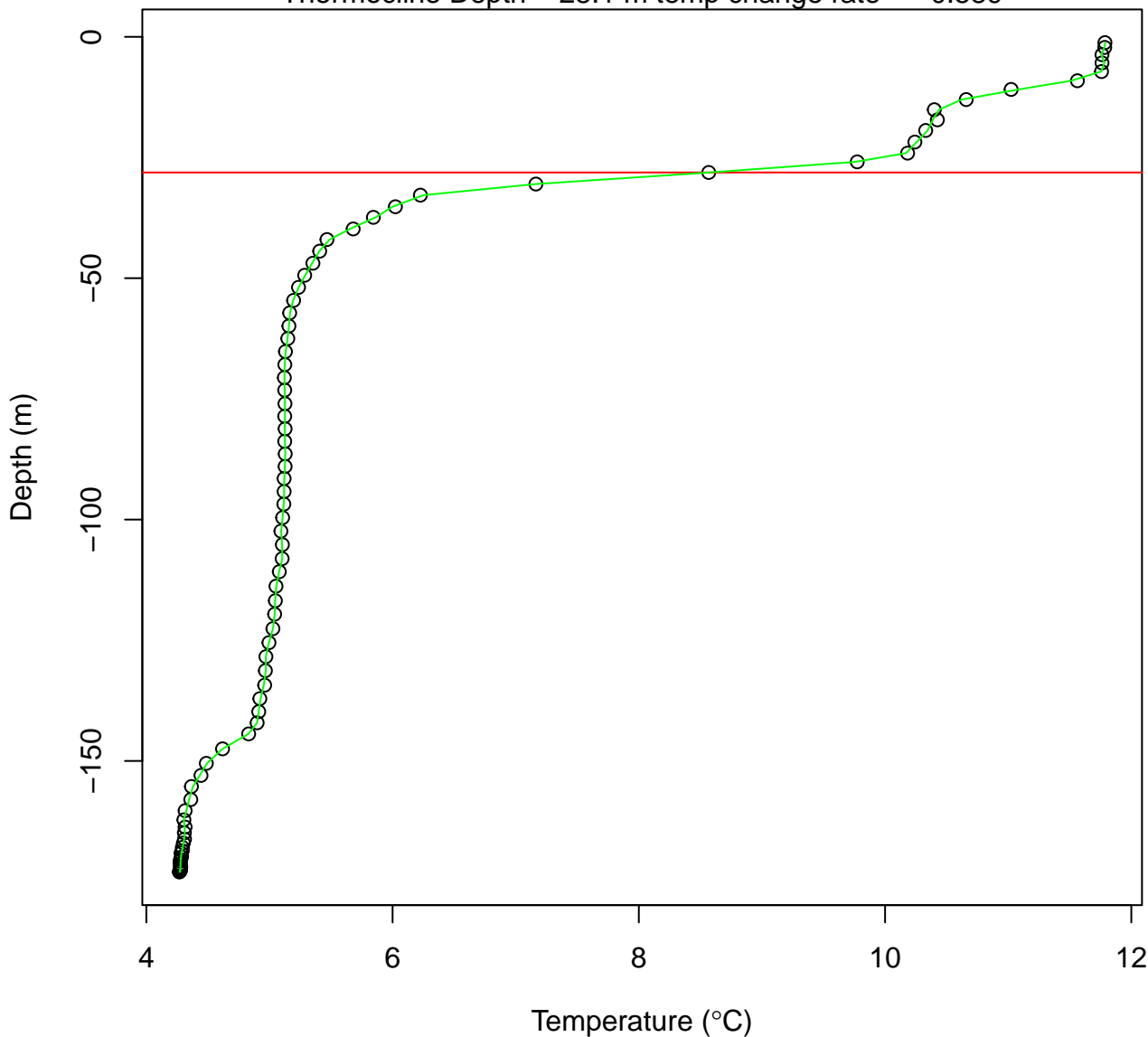
Vessel 176 Cruise 202201 Haul 169

Thermocline Depth = 6.5 m temp change rate = -0.333



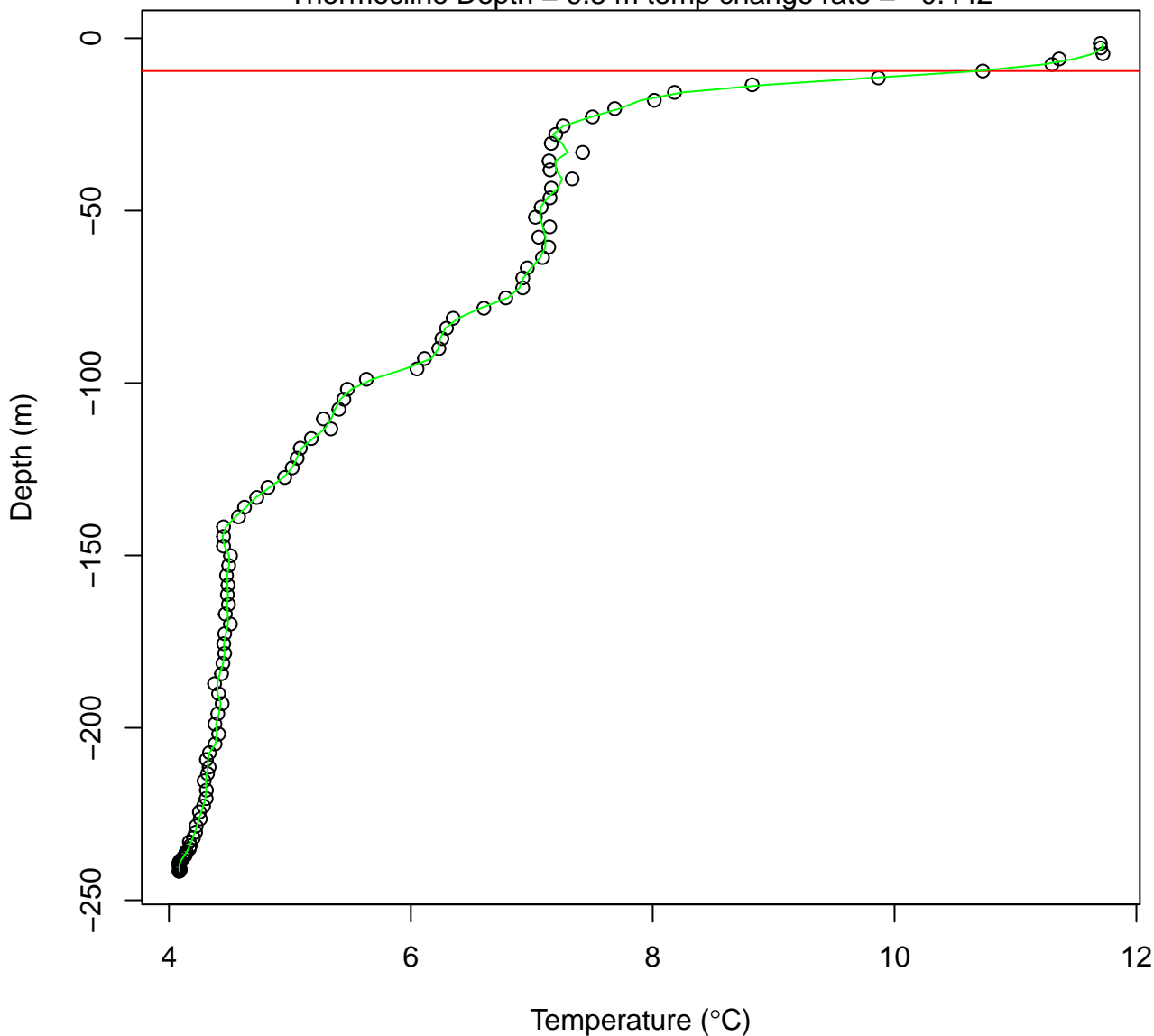
Vessel 176 Cruise 202201 Haul 170

Thermocline Depth = 28.1 m temp change rate = -0.589



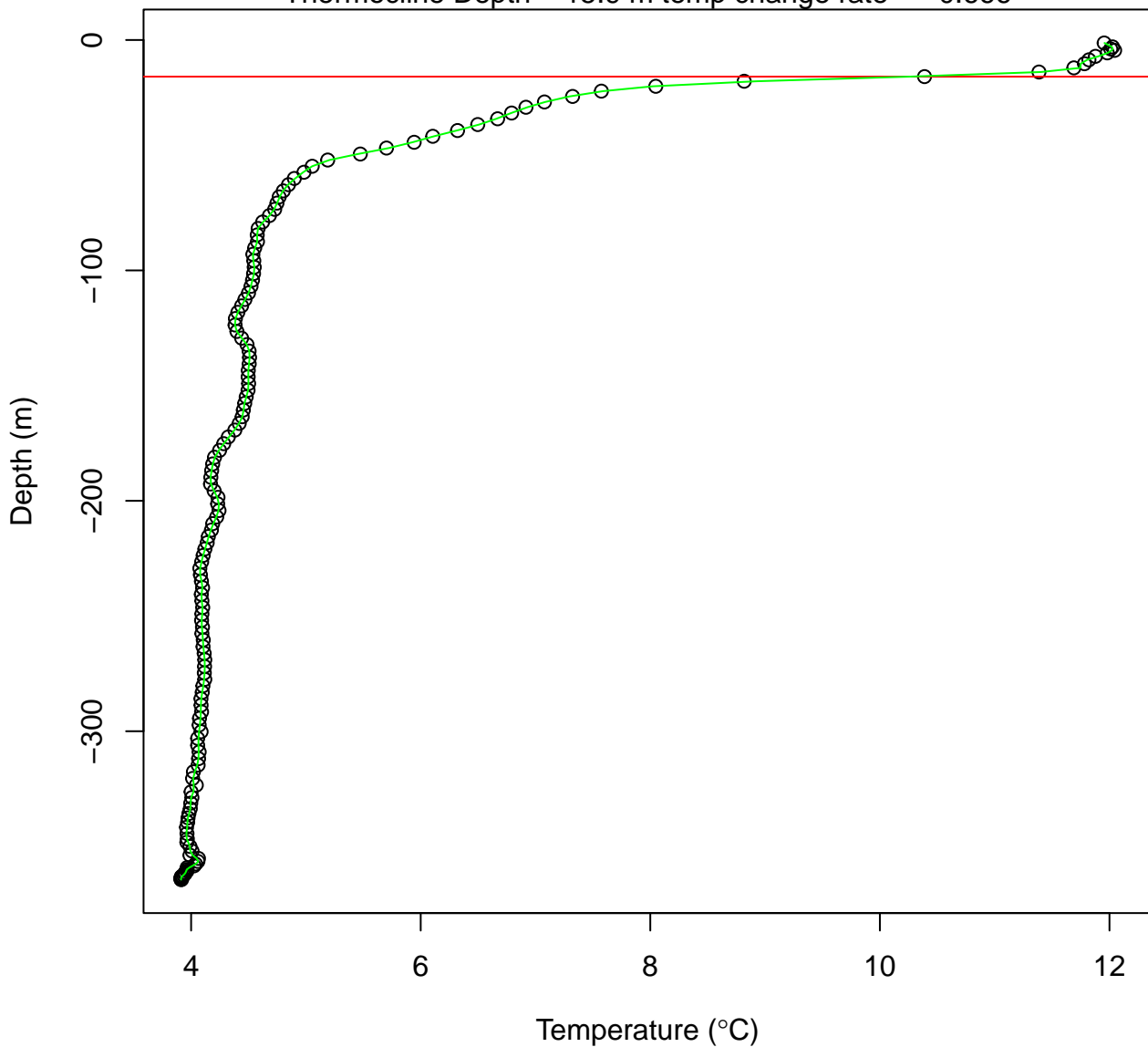
Vessel 176 Cruise 202201 Haul 171

Thermocline Depth = 9.5 m temp change rate = -0.442



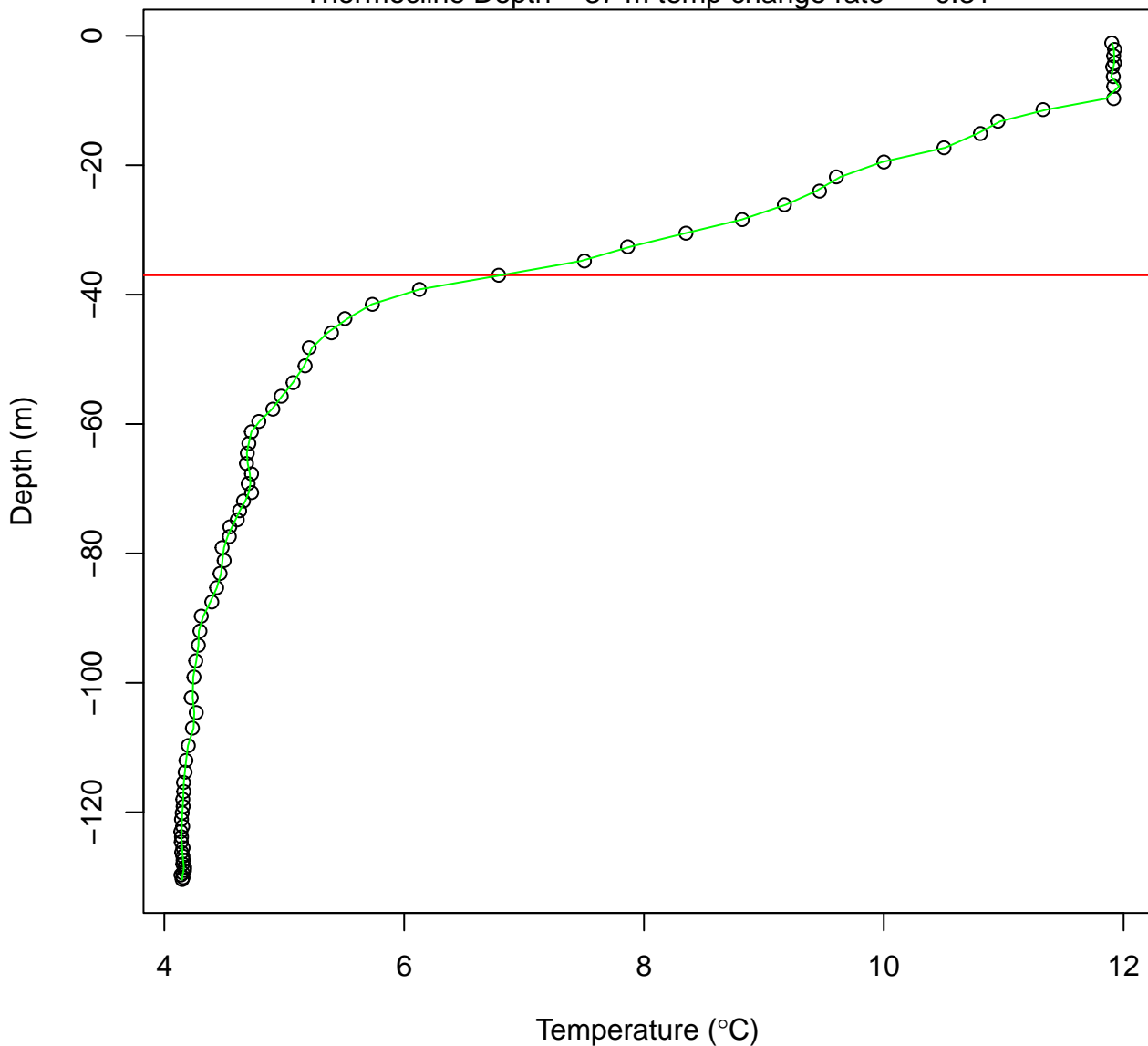
Vessel 176 Cruise 202201 Haul 172

Thermocline Depth = 15.9 m temp change rate = -0.666



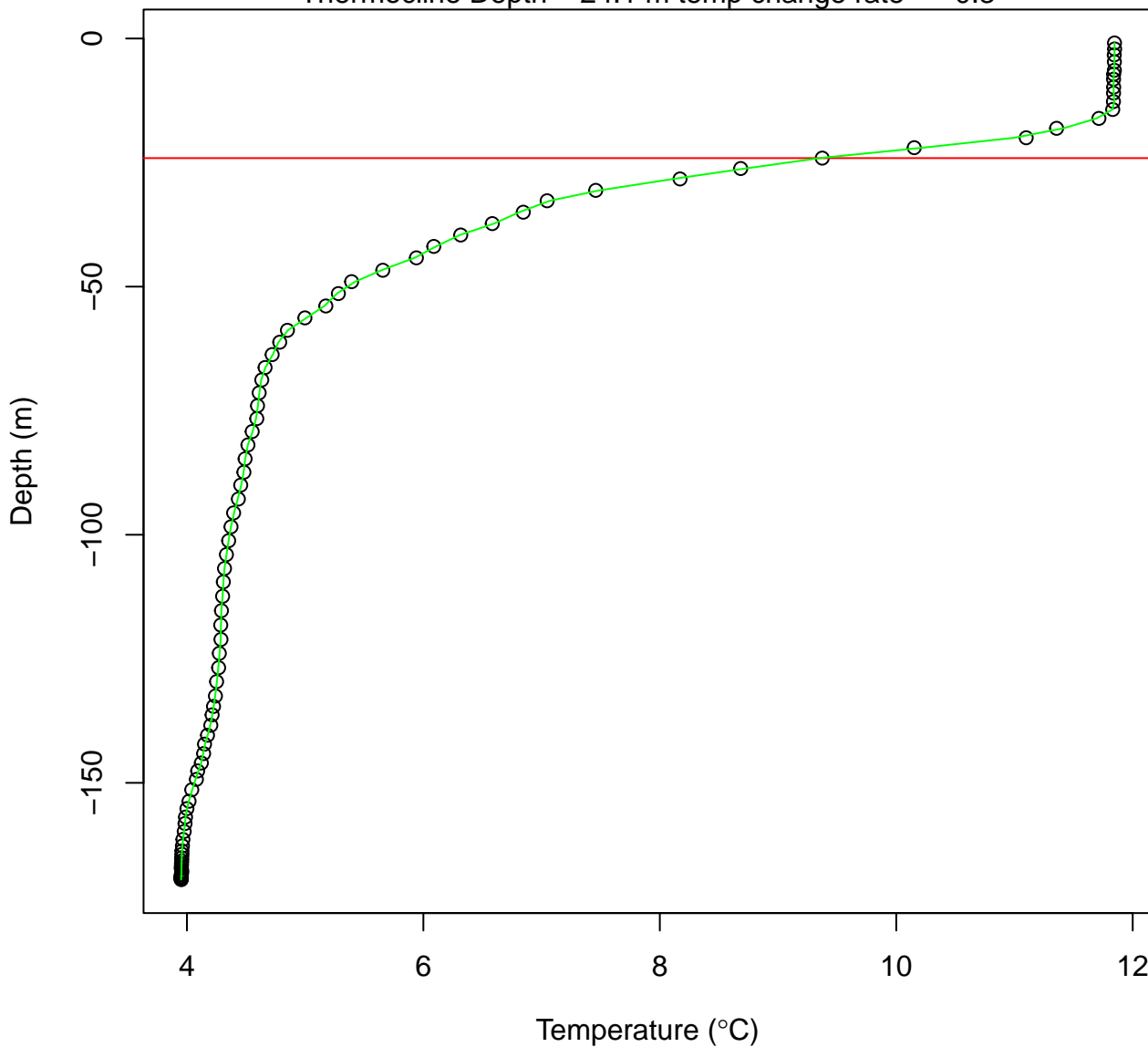
Vessel 176 Cruise 202201 Haul 173

Thermocline Depth = 37 m temp change rate = -0.31



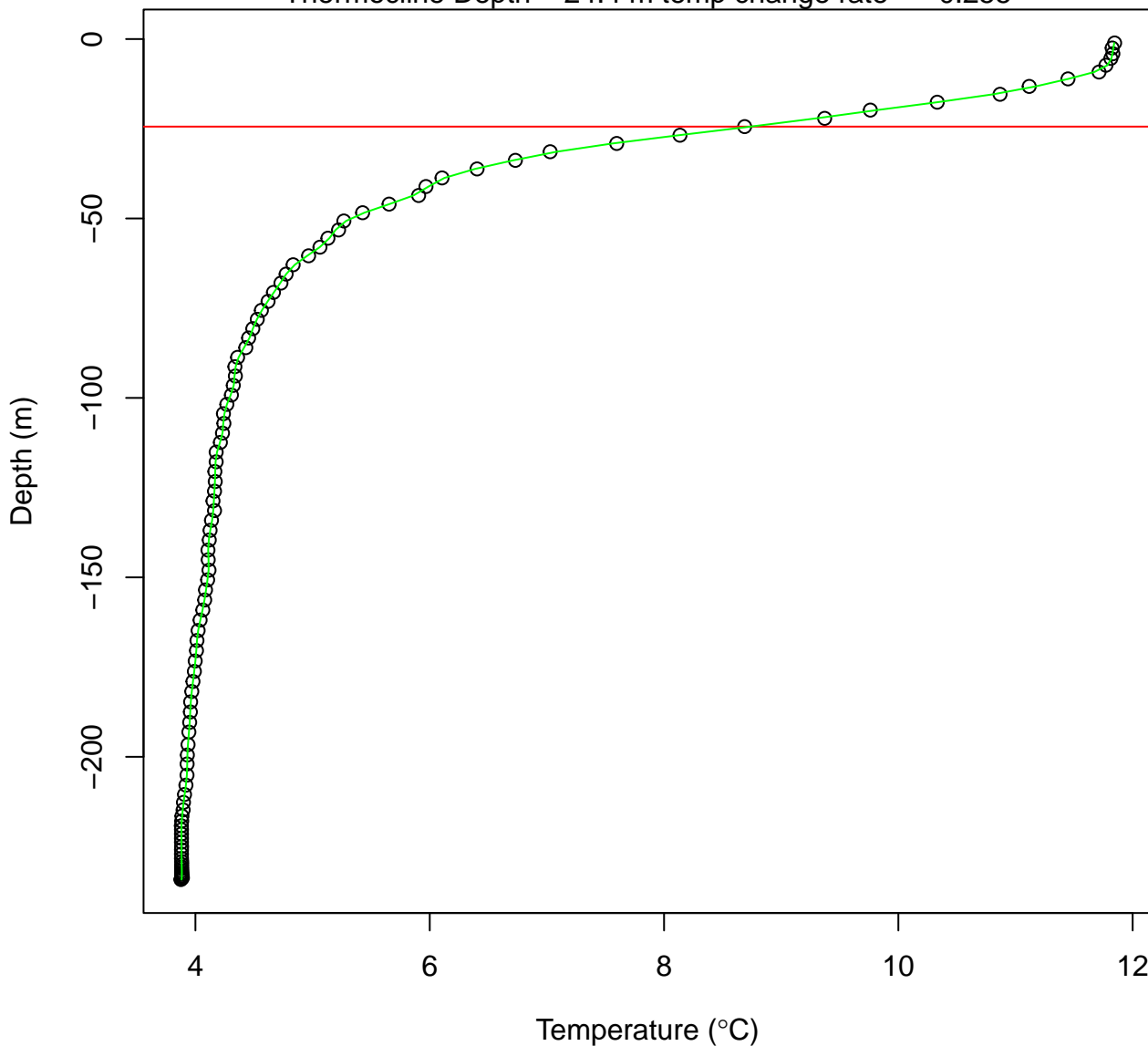
Vessel 176 Cruise 202201 Haul 174

Thermocline Depth = 24.1 m temp change rate = -0.3



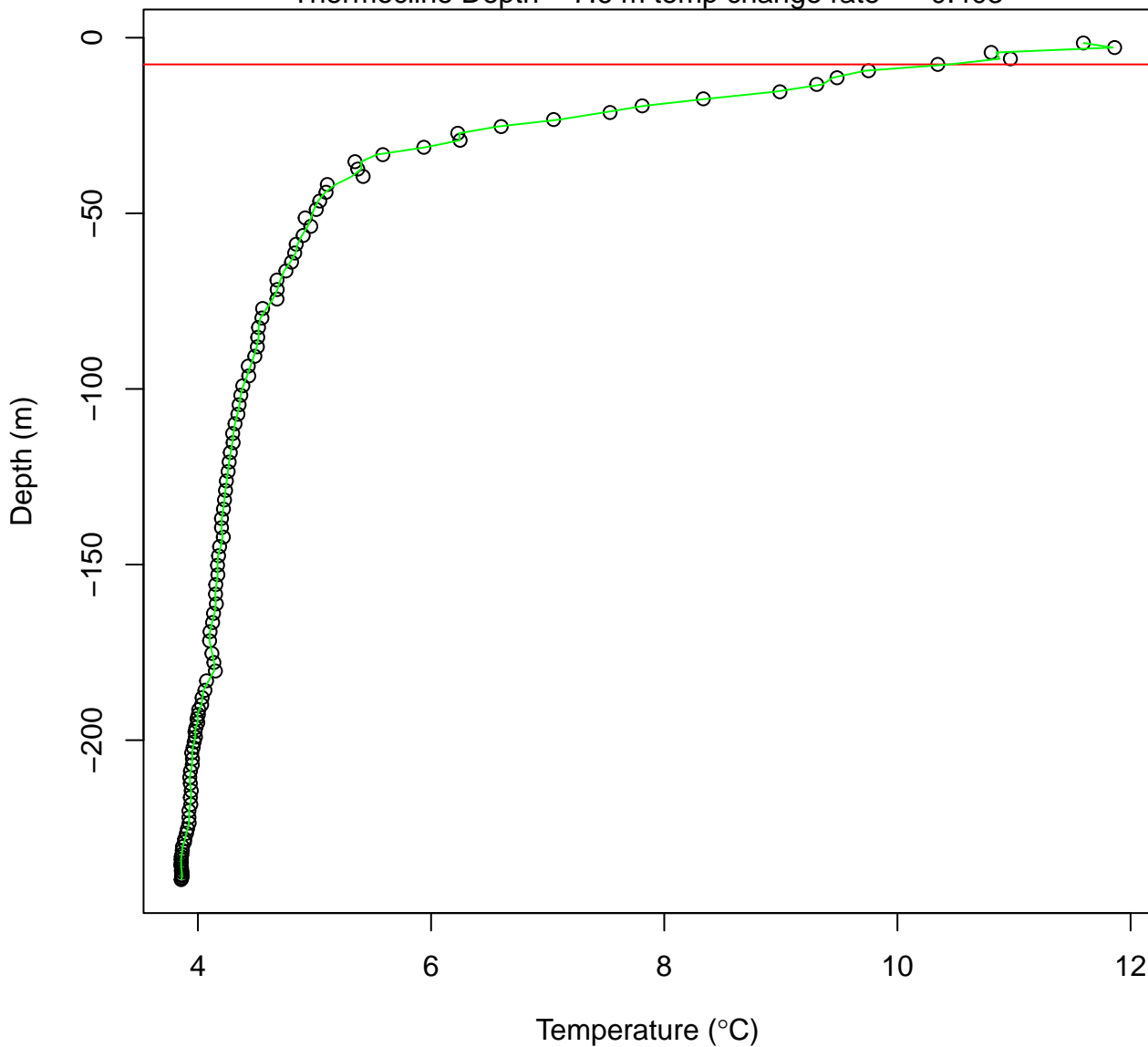
Vessel 176 Cruise 202201 Haul 175

Thermocline Depth = 24.4 m temp change rate = -0.255



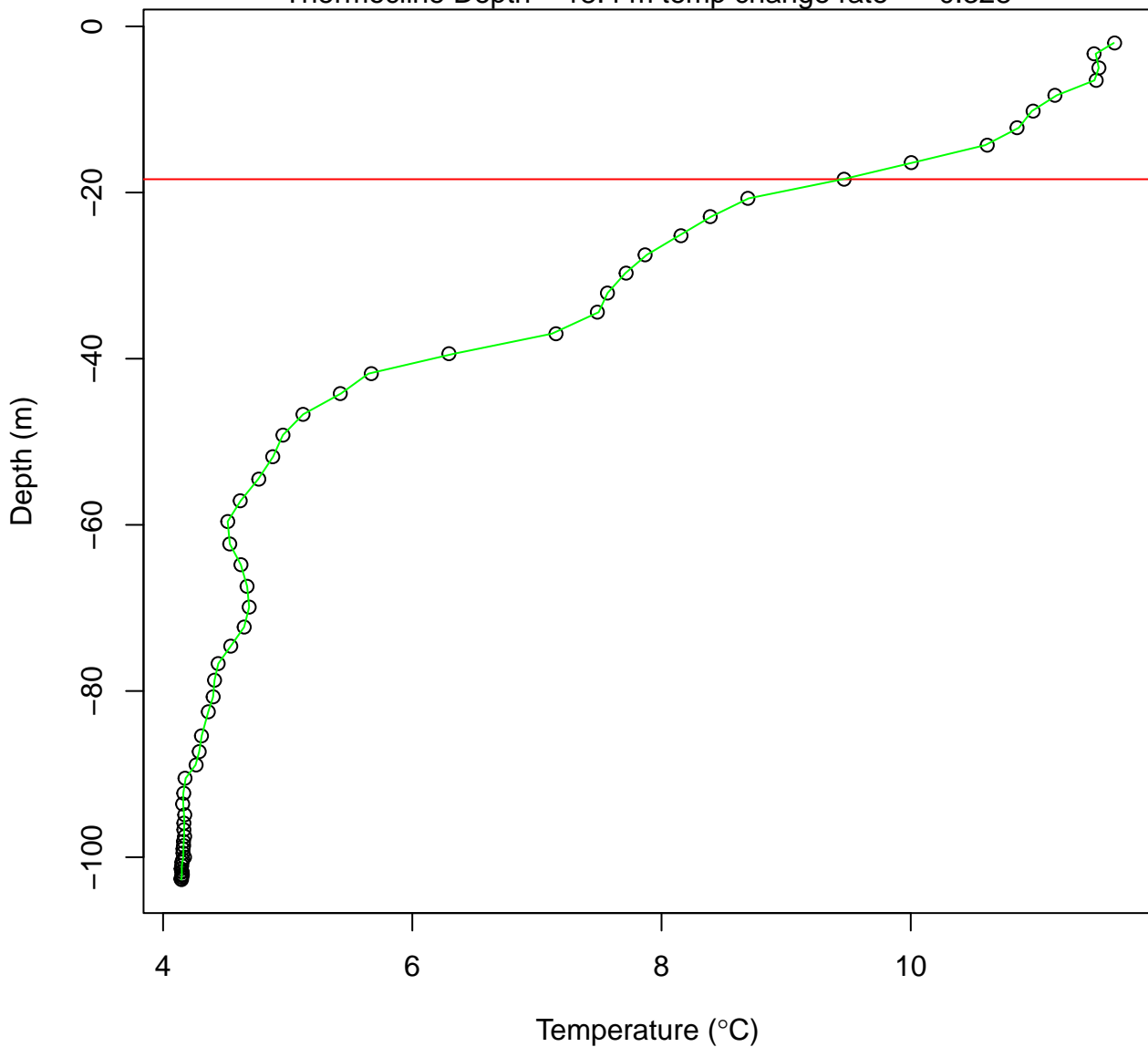
Vessel 176 Cruise 202201 Haul 176

Thermocline Depth = 7.6 m temp change rate = -0.403



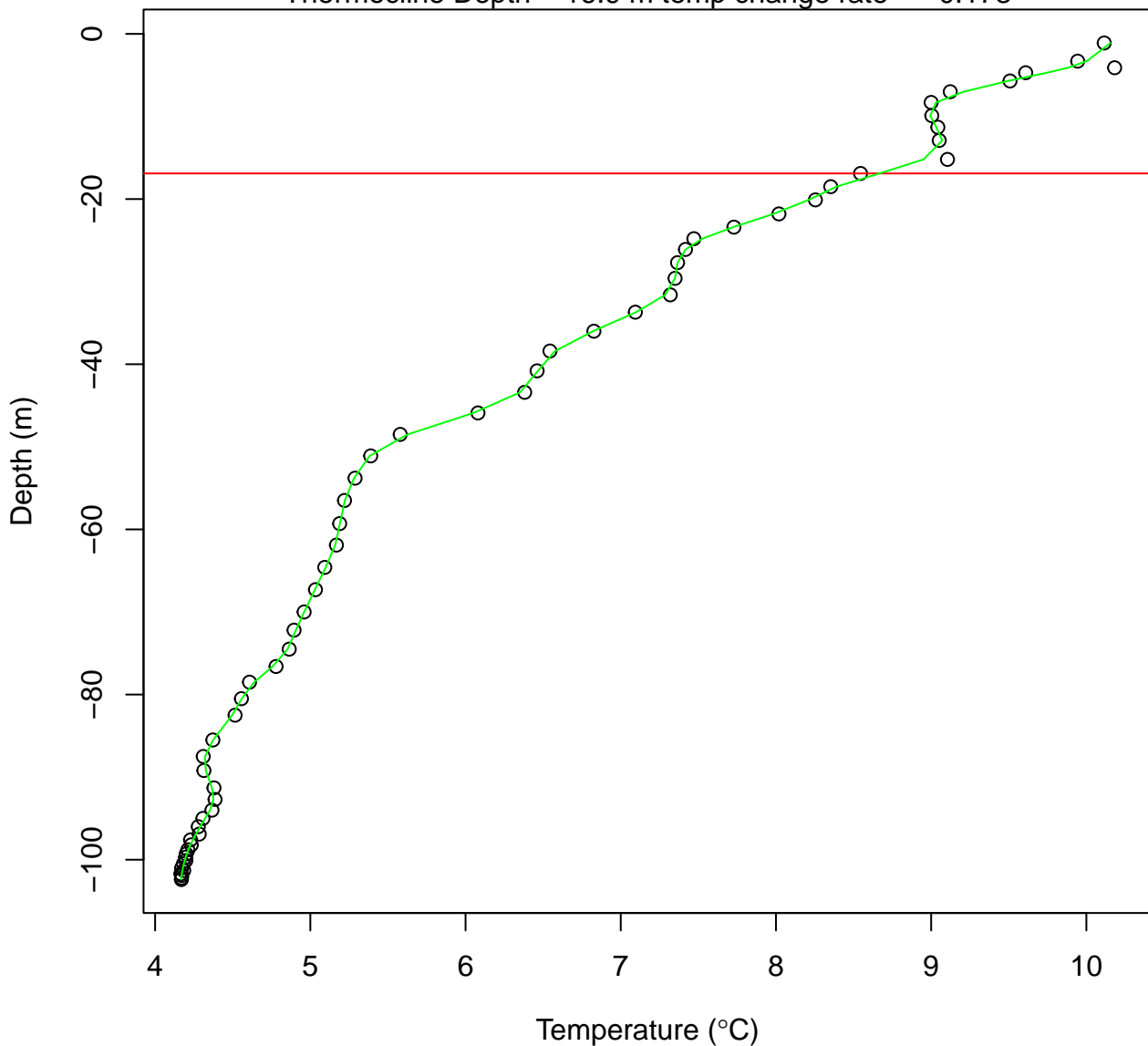
Vessel 176 Cruise 202201 Haul 177

Thermocline Depth = 18.4 m temp change rate = -0.328



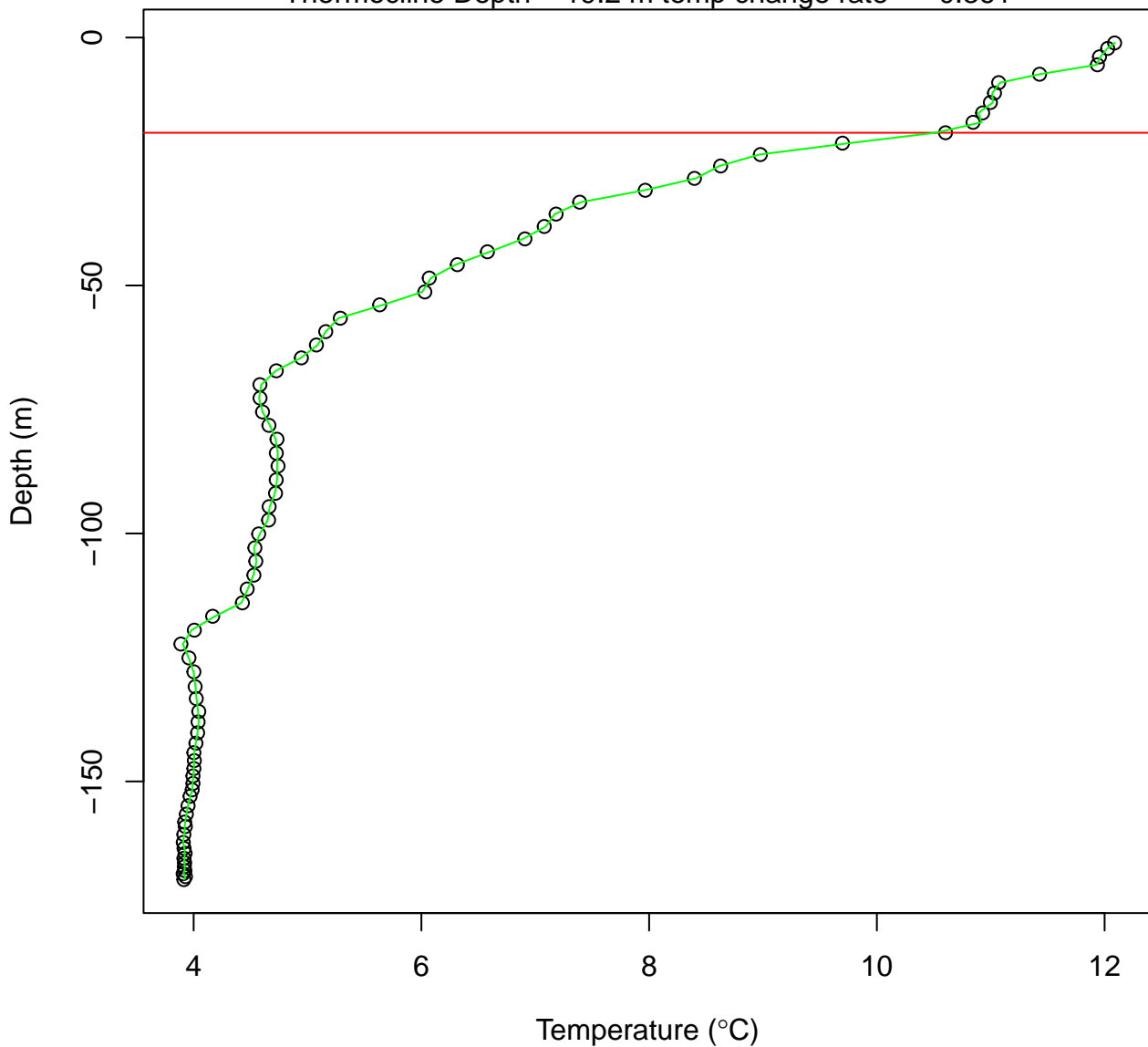
Vessel 176 Cruise 202201 Haul 178

Thermocline Depth = 16.9 m temp change rate = -0.173



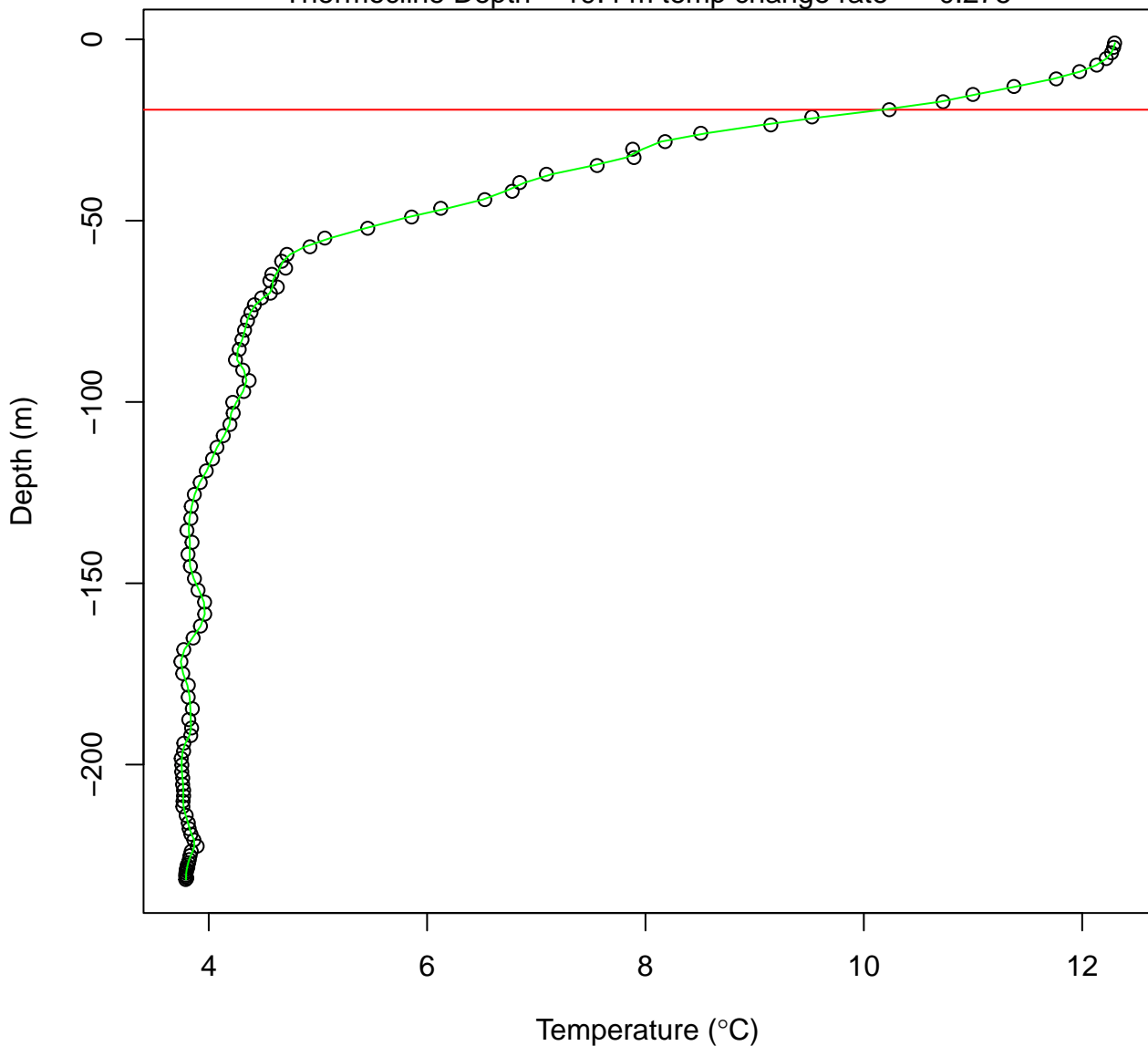
Vessel 176 Cruise 202201 Haul 179

Thermocline Depth = 19.2 m temp change rate = -0.361



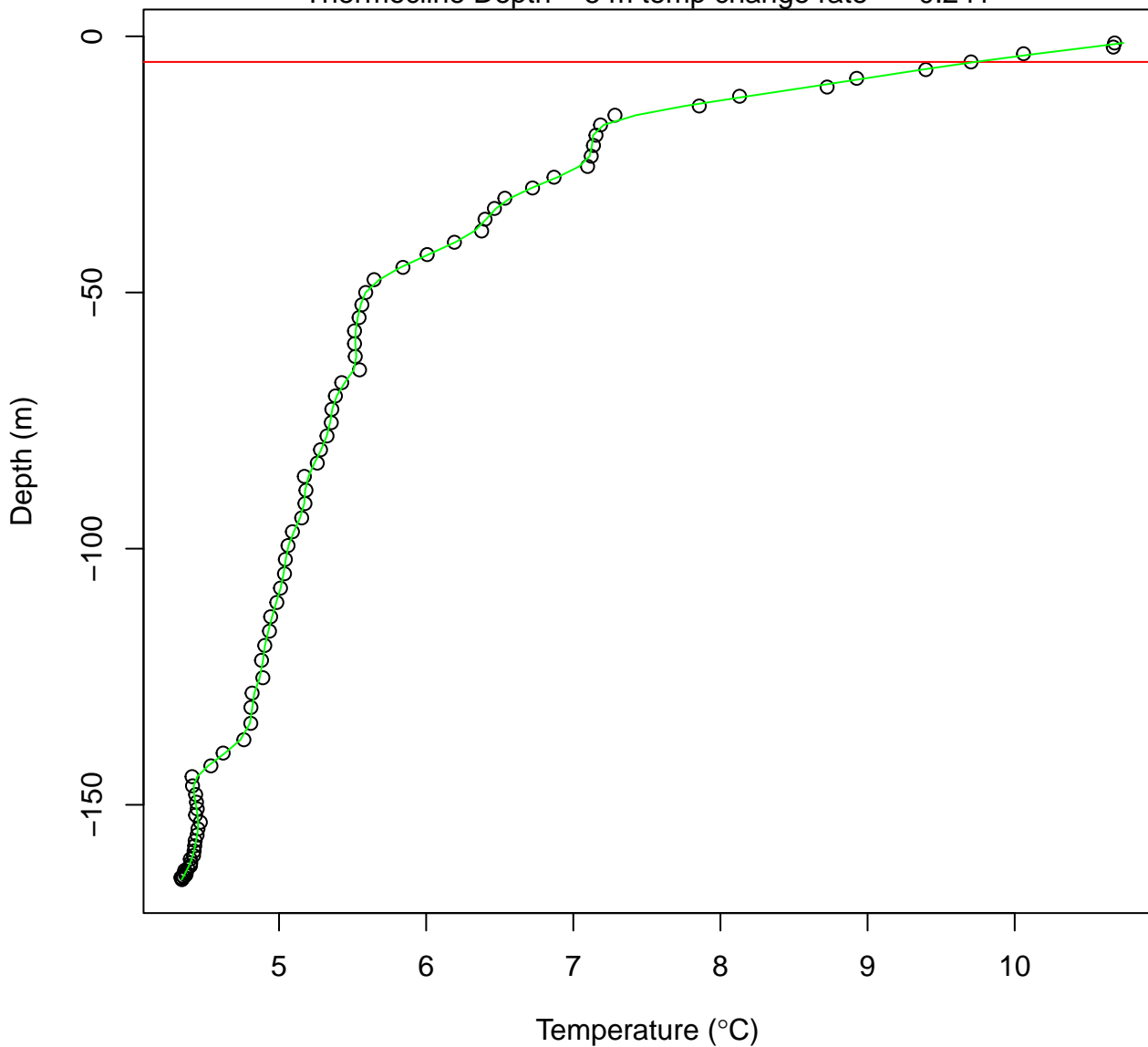
Vessel 176 Cruise 202201 Haul 180

Thermocline Depth = 19.4 m temp change rate = -0.275



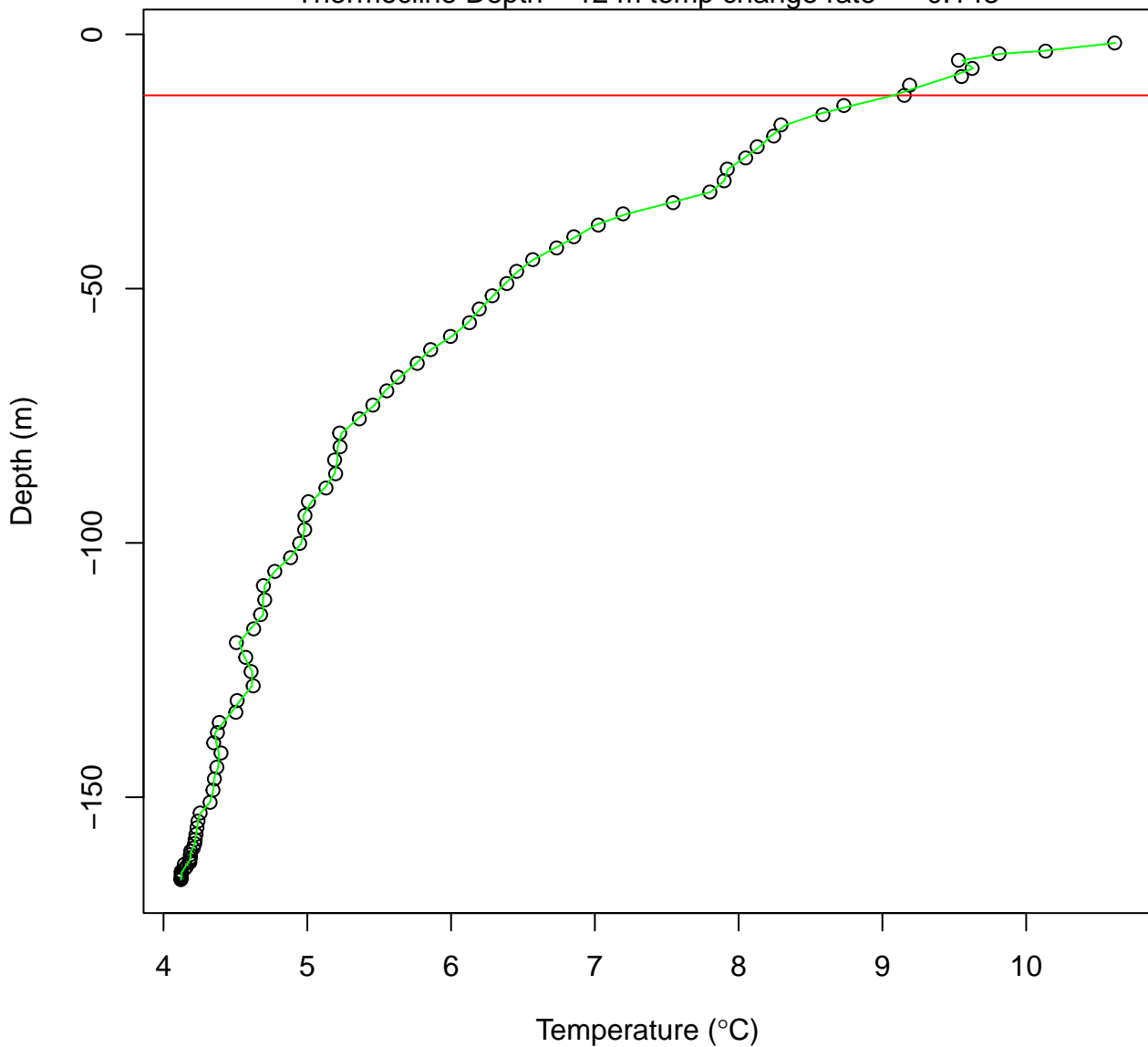
Vessel 176 Cruise 202201 Haul 181

Thermocline Depth = 5 m temp change rate = -0.241



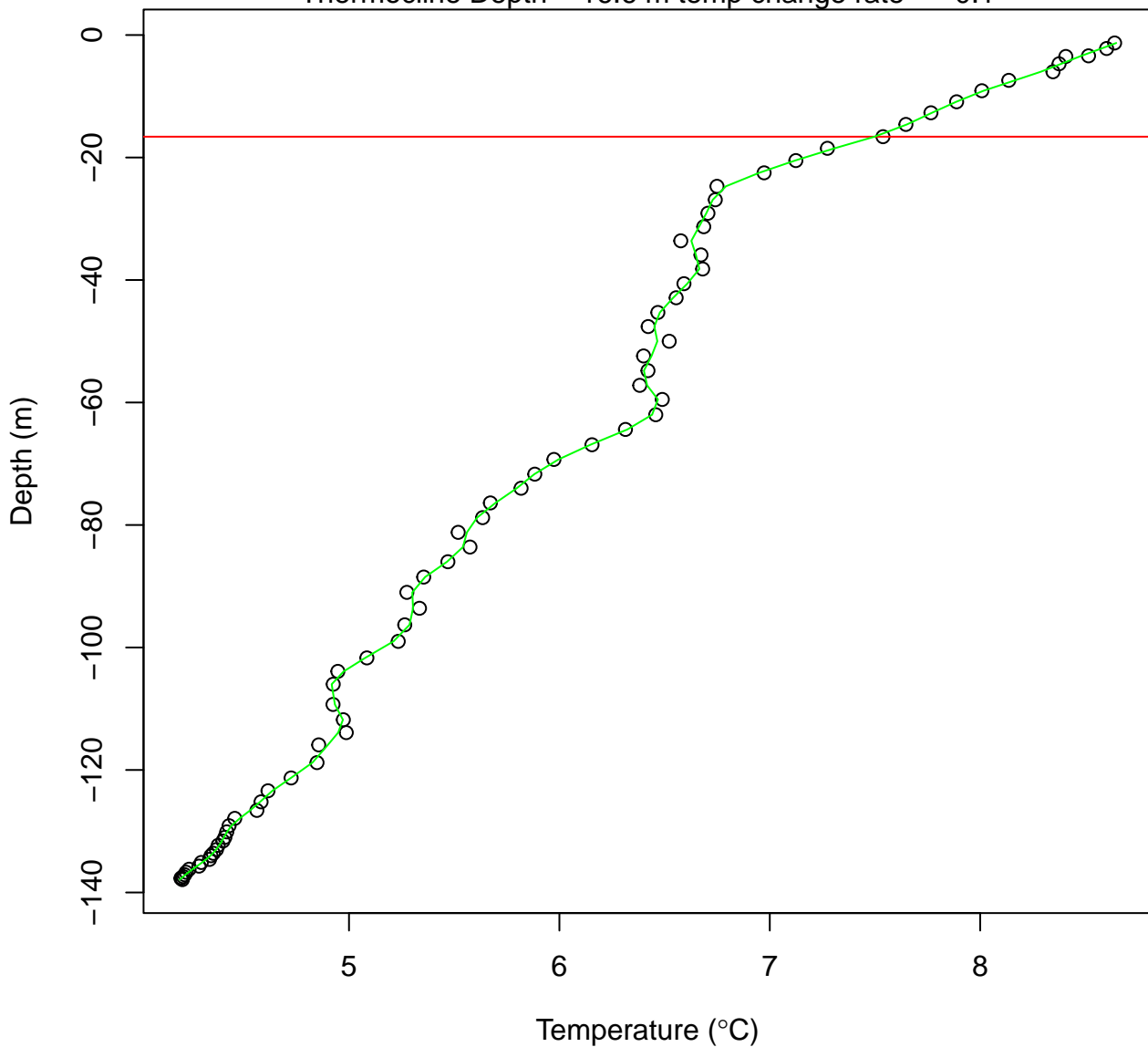
Vessel 176 Cruise 202201 Haul 182

Thermocline Depth = 12 m temp change rate = -0.143



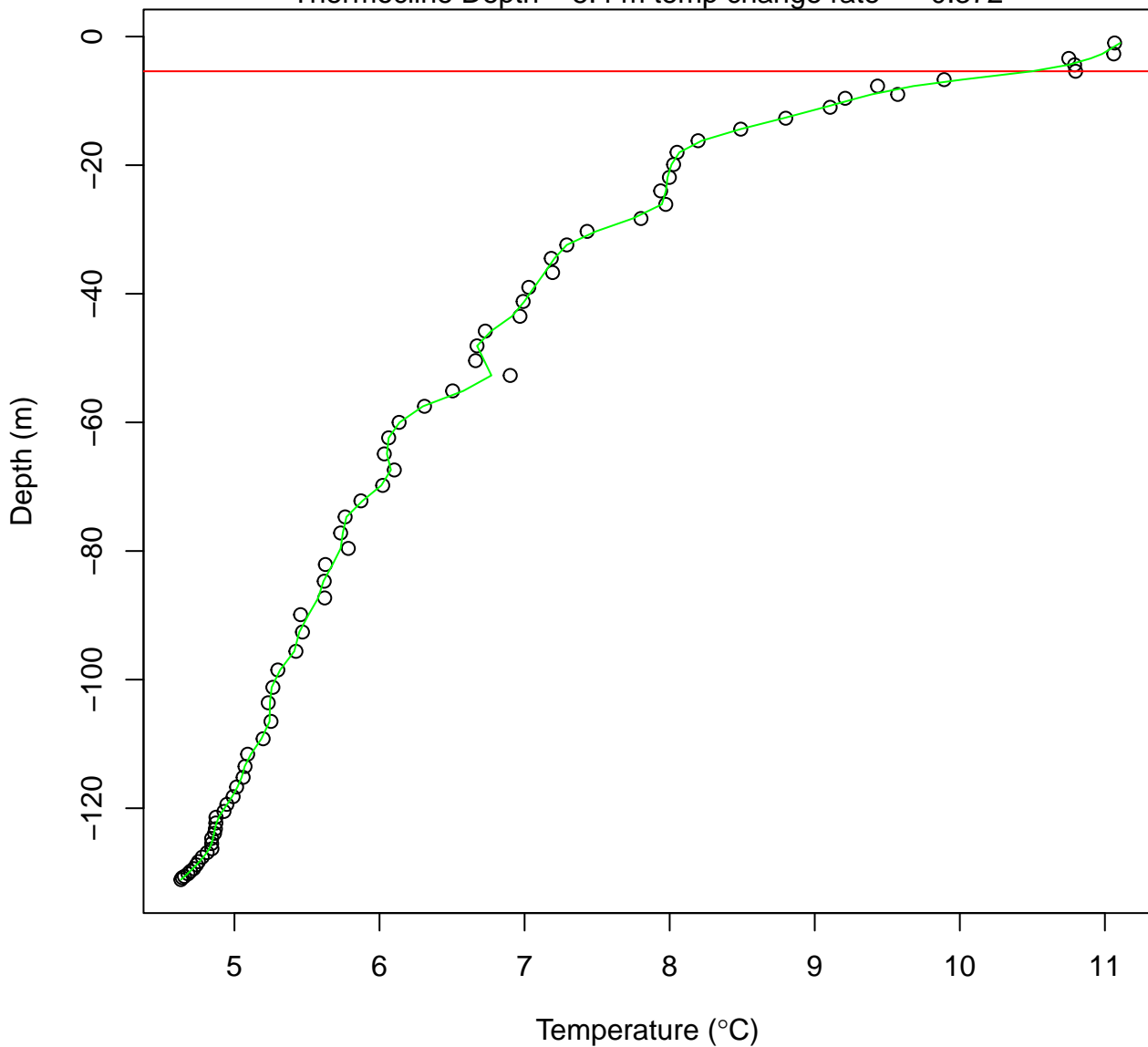
Vessel 176 Cruise 202201 Haul 183

Thermocline Depth = 16.6 m temp change rate = -0.1



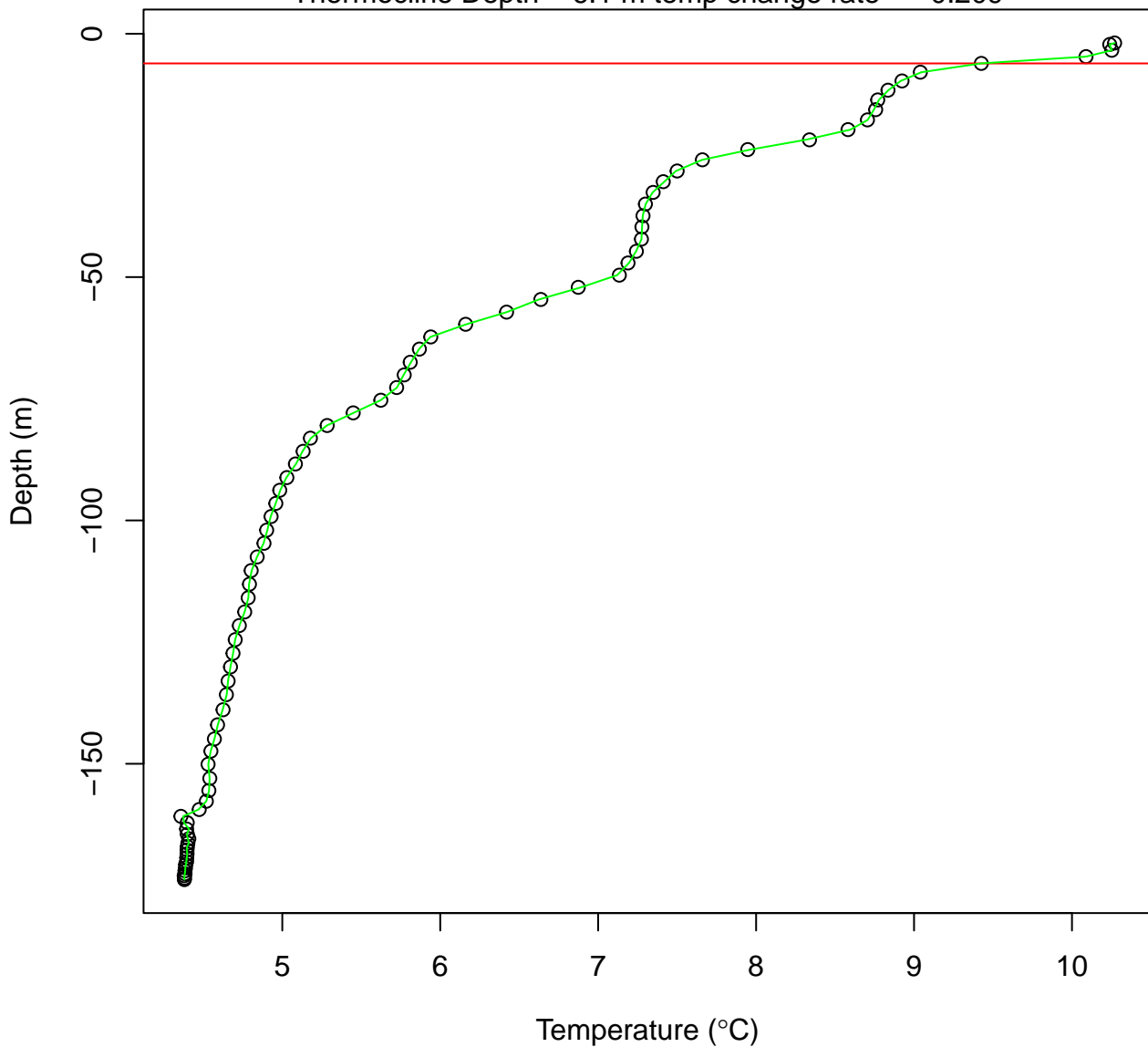
Vessel 176 Cruise 202201 Haul 184

Thermocline Depth = 5.4 m temp change rate = -0.372



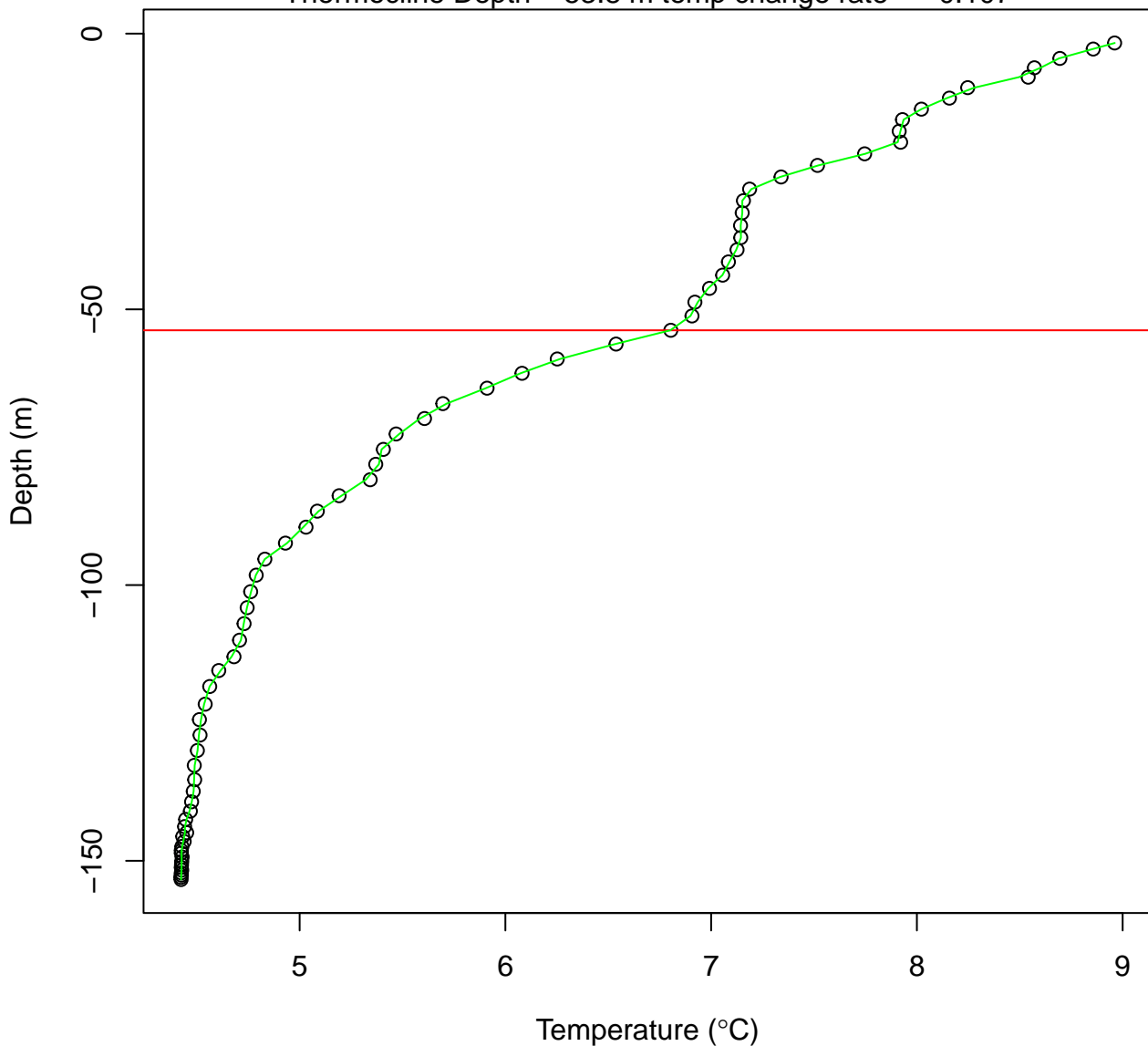
Vessel 176 Cruise 202201 Haul 185

Thermocline Depth = 6.1 m temp change rate = -0.209



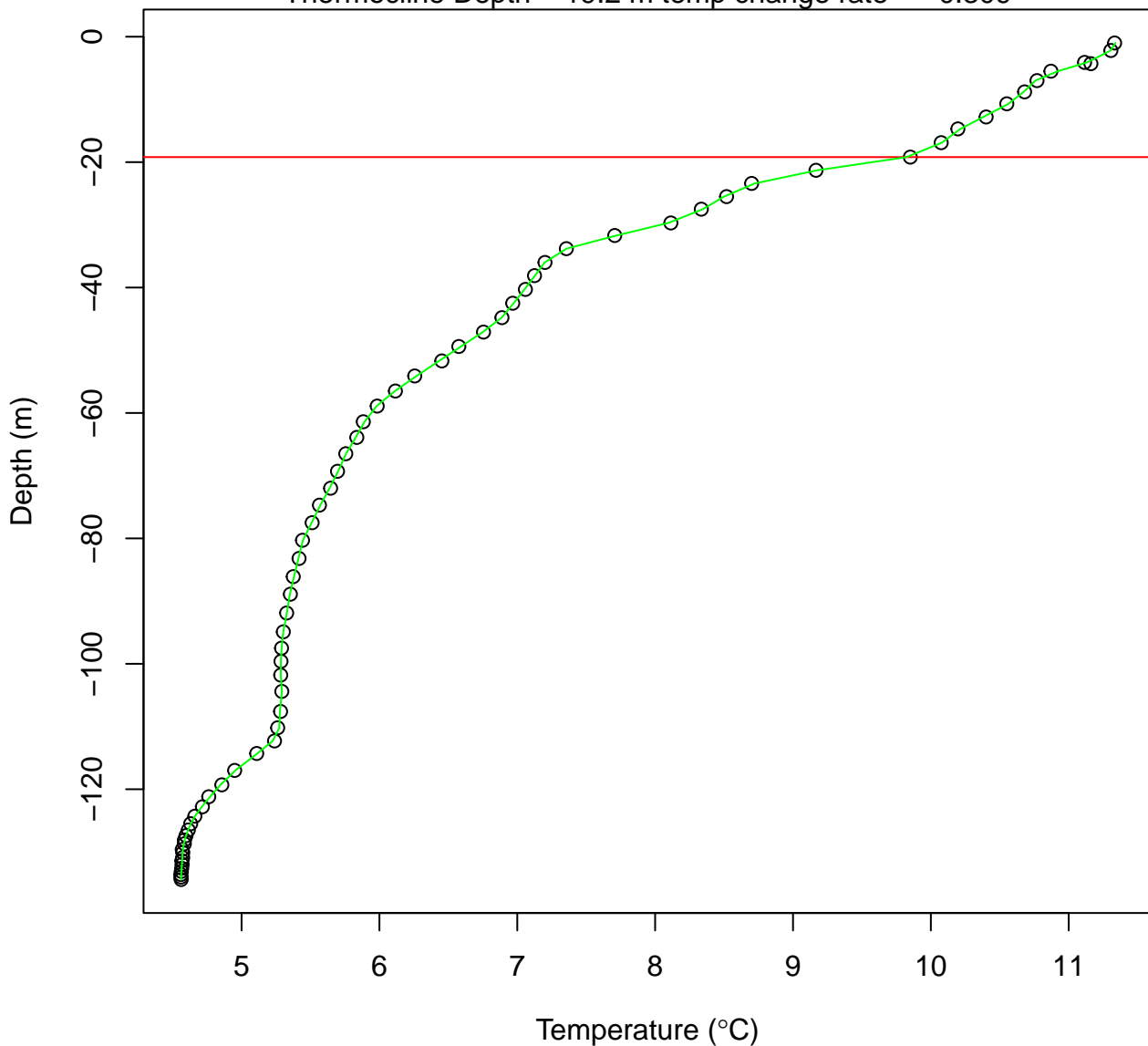
Vessel 176 Cruise 202201 Haul 186

Thermocline Depth = 53.8 m temp change rate = -0.107



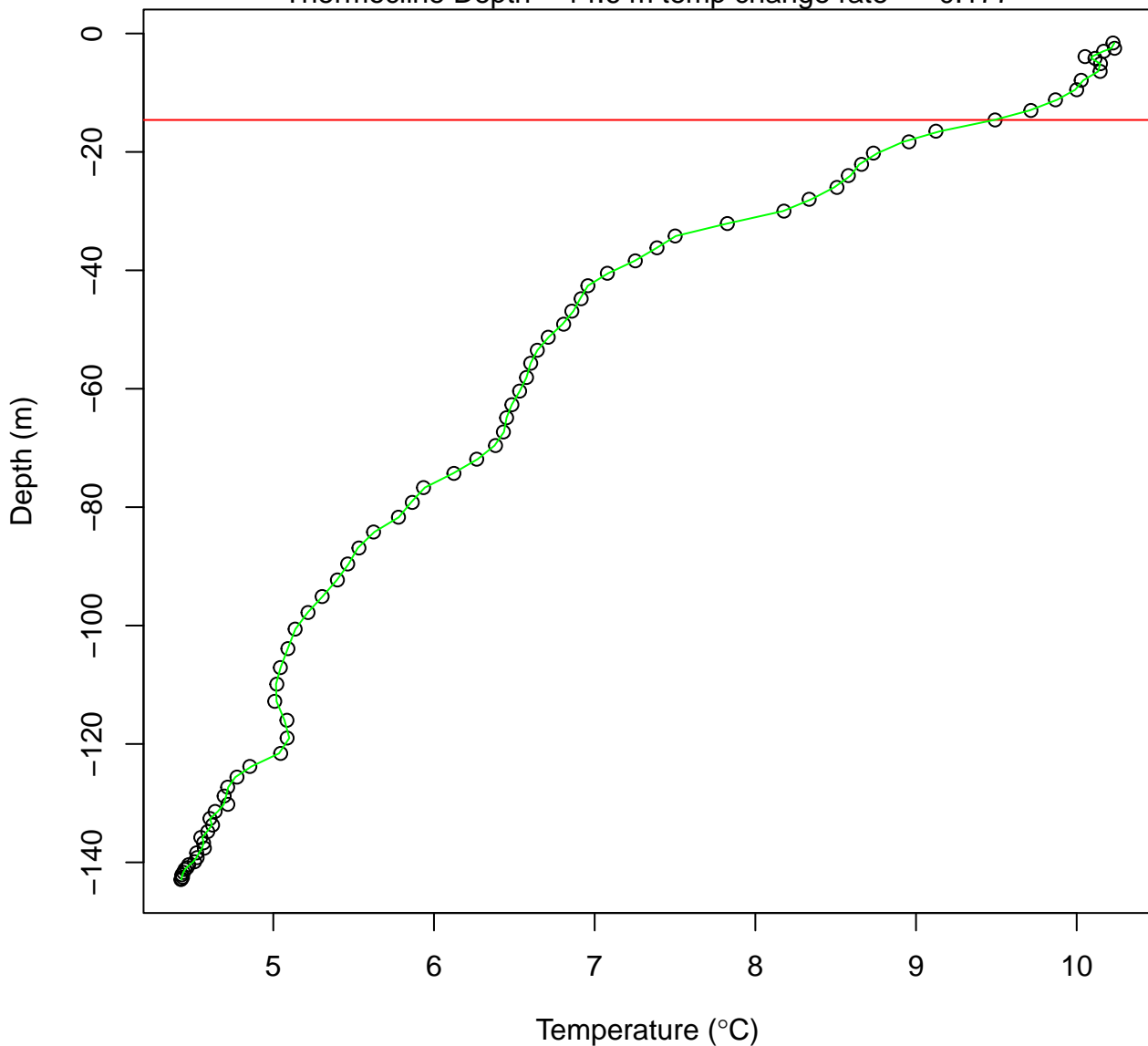
Vessel 176 Cruise 202201 Haul 187

Thermocline Depth = 19.2 m temp change rate = -0.309



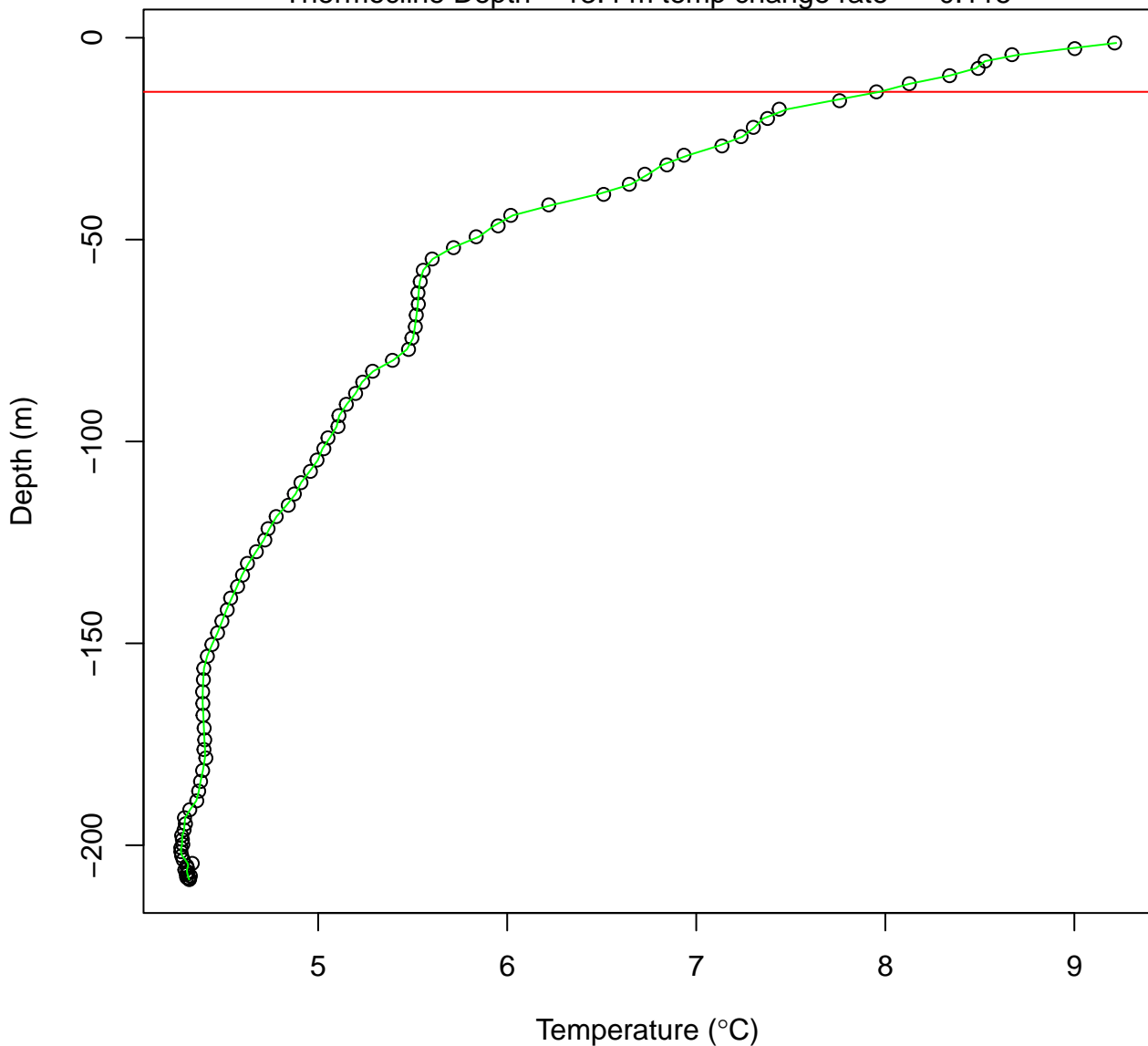
Vessel 176 Cruise 202201 Haul 188

Thermocline Depth = 14.6 m temp change rate = -0.177



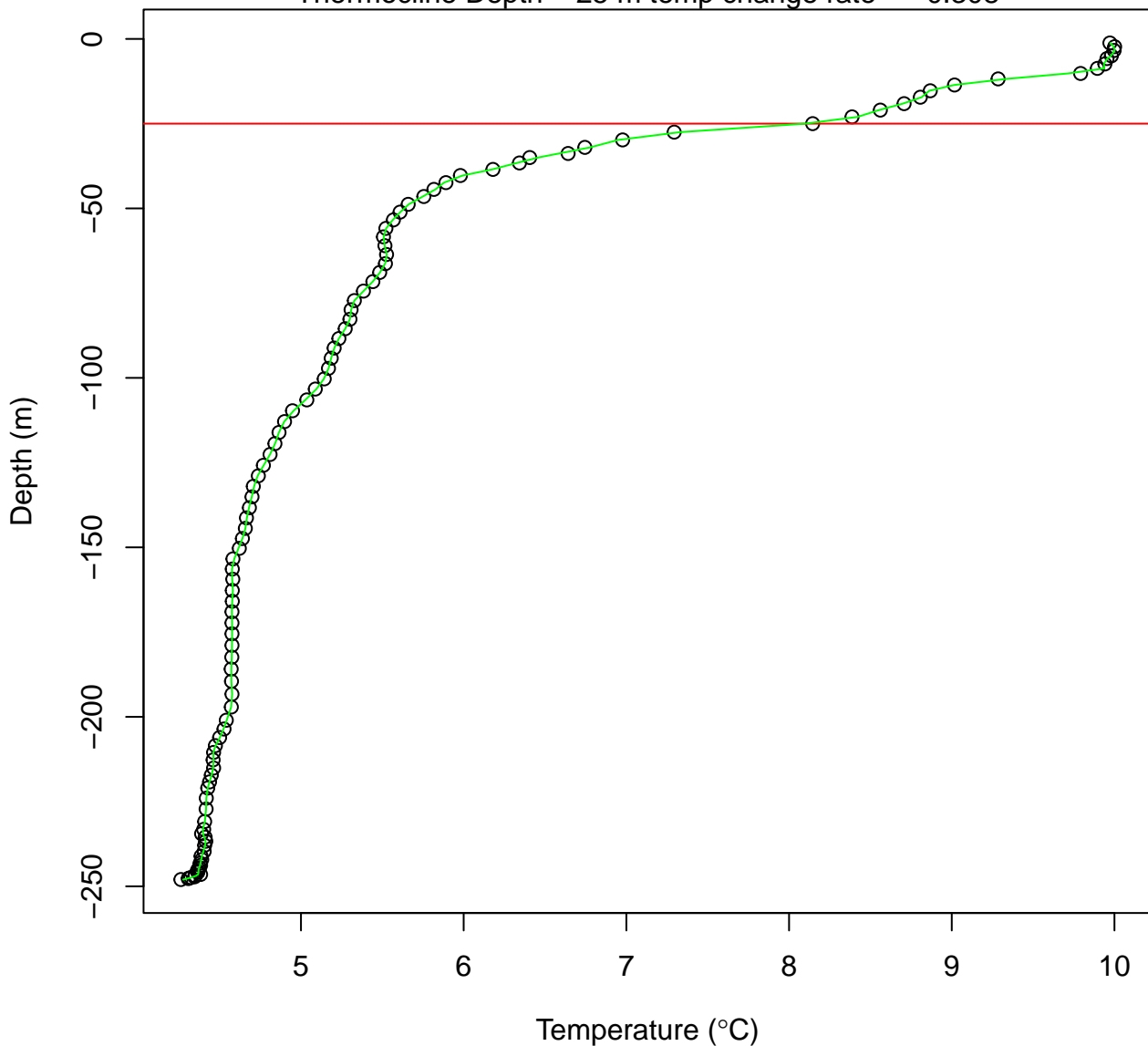
Vessel 176 Cruise 202201 Haul 189

Thermocline Depth = 13.4 m temp change rate = -0.115



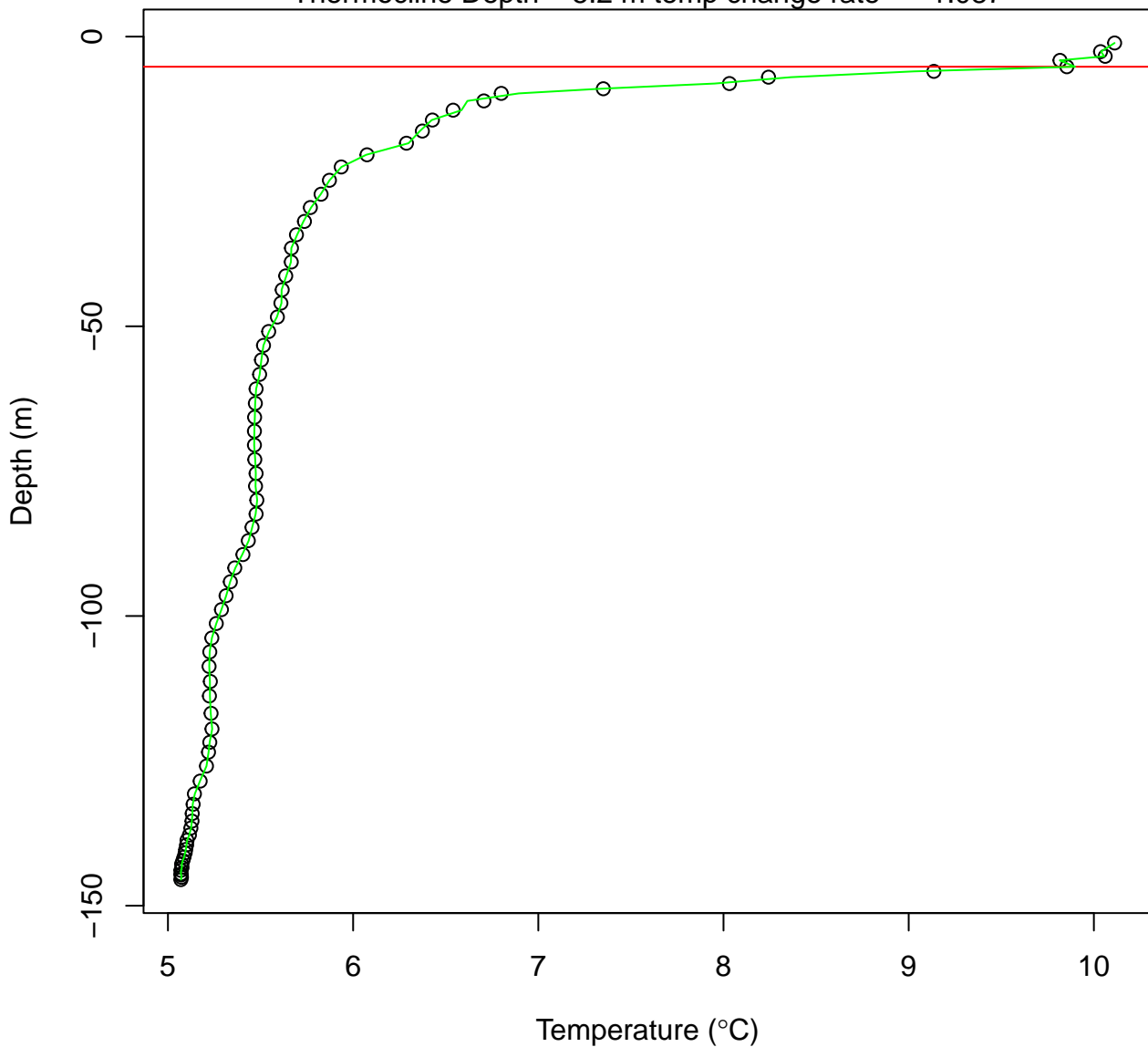
Vessel 176 Cruise 202201 Haul 190

Thermocline Depth = 25 m temp change rate = -0.308



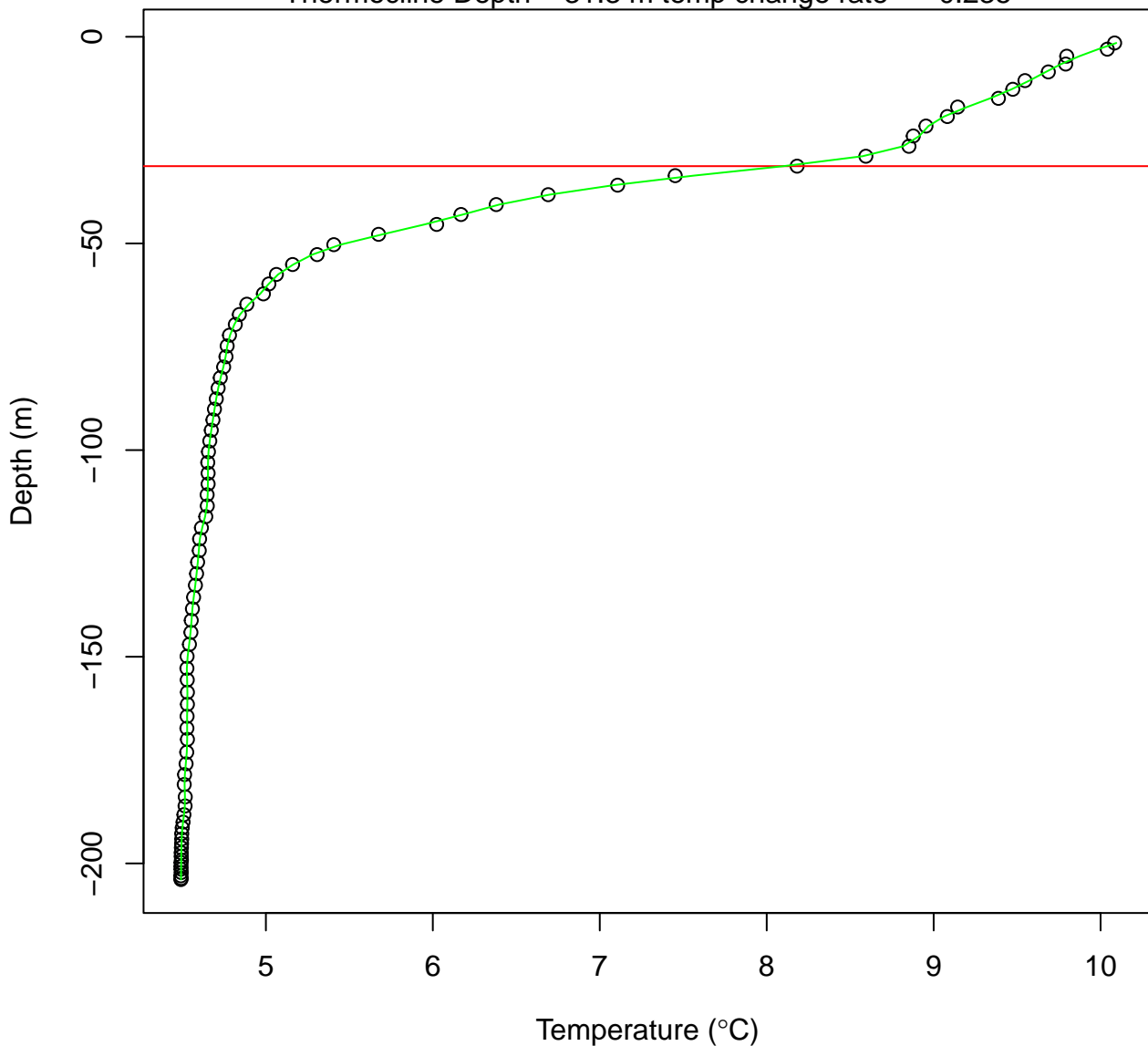
Vessel 176 Cruise 202201 Haul 191

Thermocline Depth = 5.2 m temp change rate = -1.087



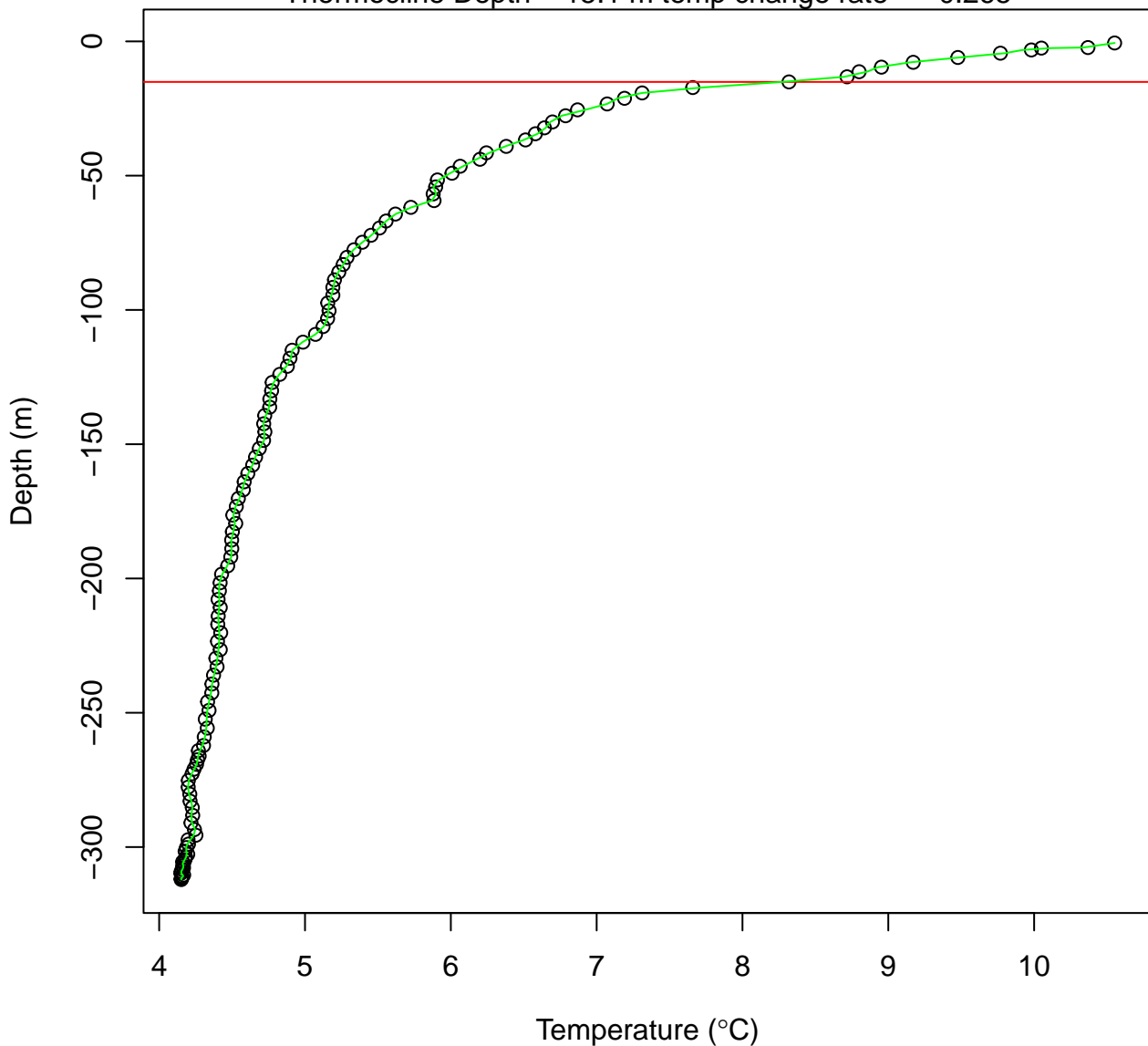
Vessel 176 Cruise 202201 Haul 192

Thermocline Depth = 31.3 m temp change rate = -0.235



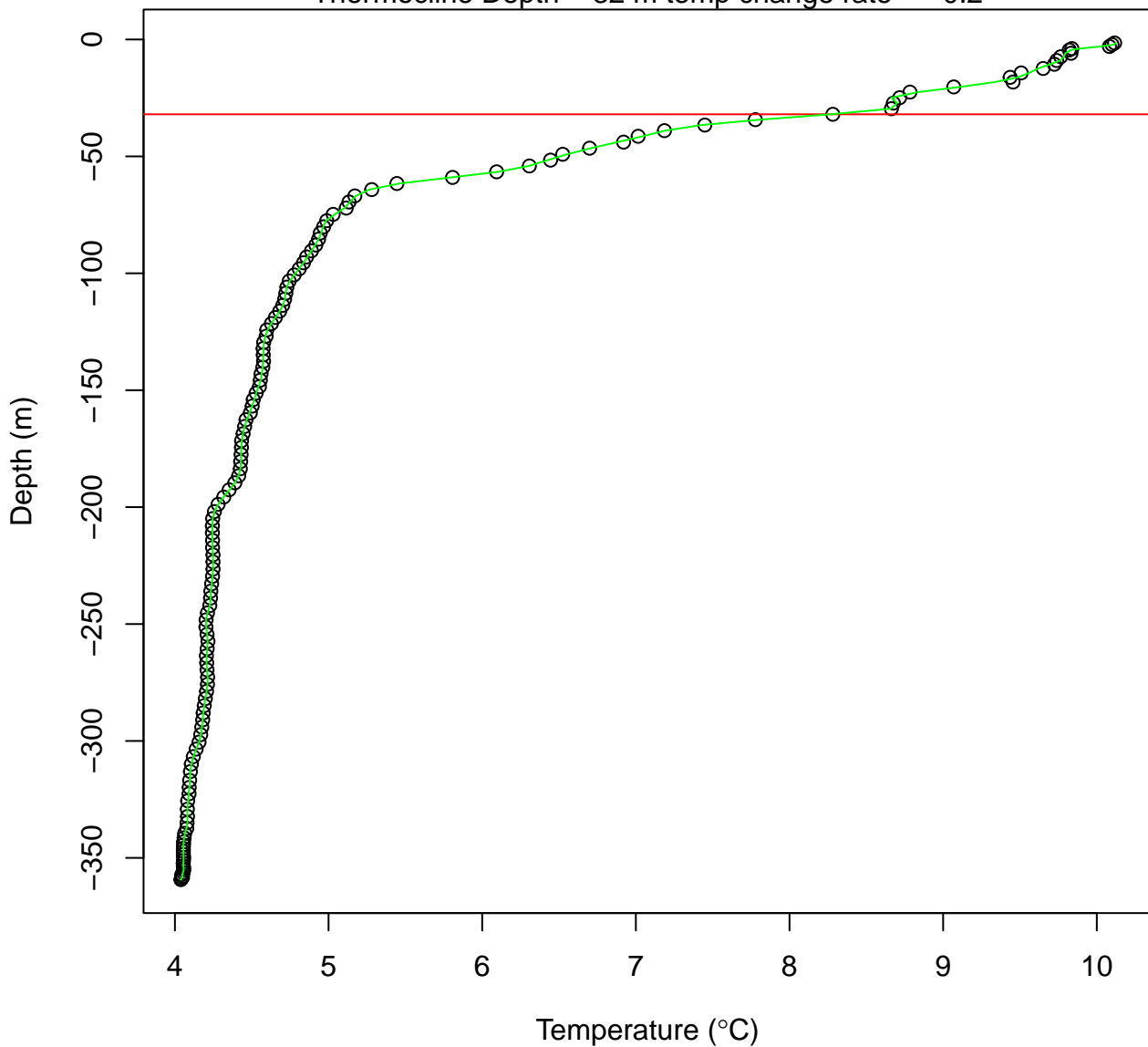
Vessel 176 Cruise 202201 Haul 193

Thermocline Depth = 15.1 m temp change rate = -0.265



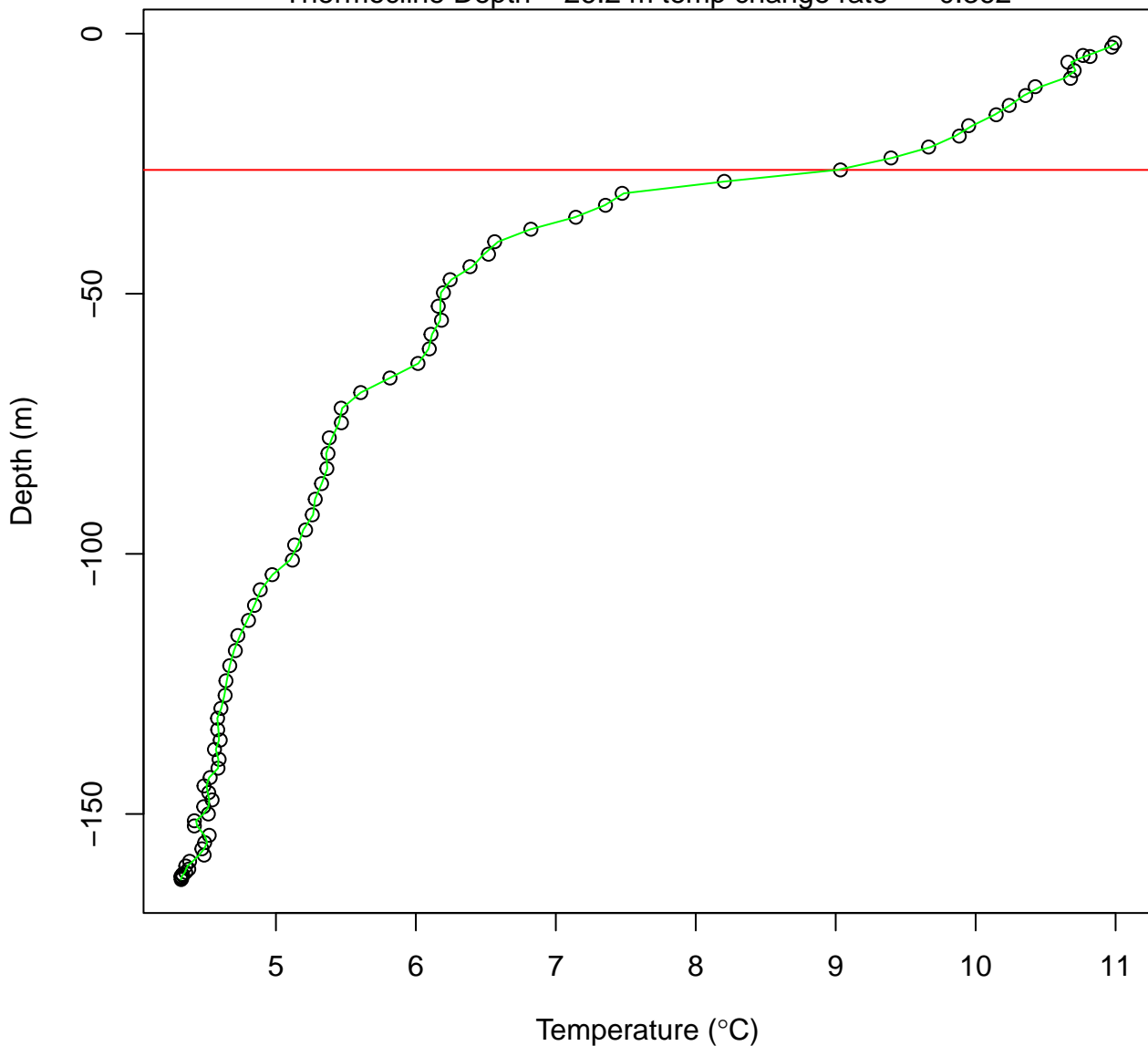
Vessel 176 Cruise 202201 Haul 194

Thermocline Depth = 32 m temp change rate = -0.2



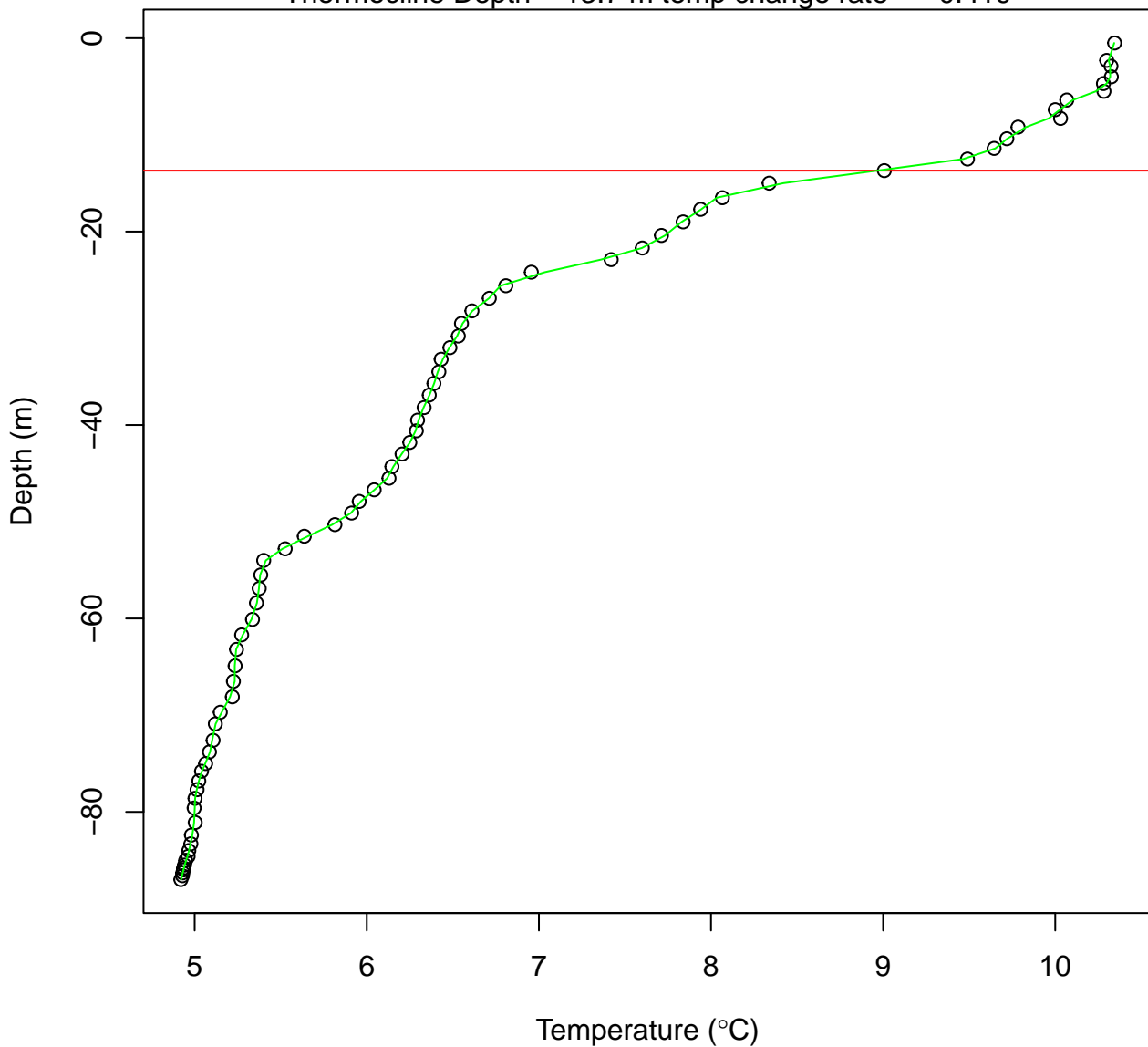
Vessel 176 Cruise 202201 Haul 195

Thermocline Depth = 26.2 m temp change rate = -0.362



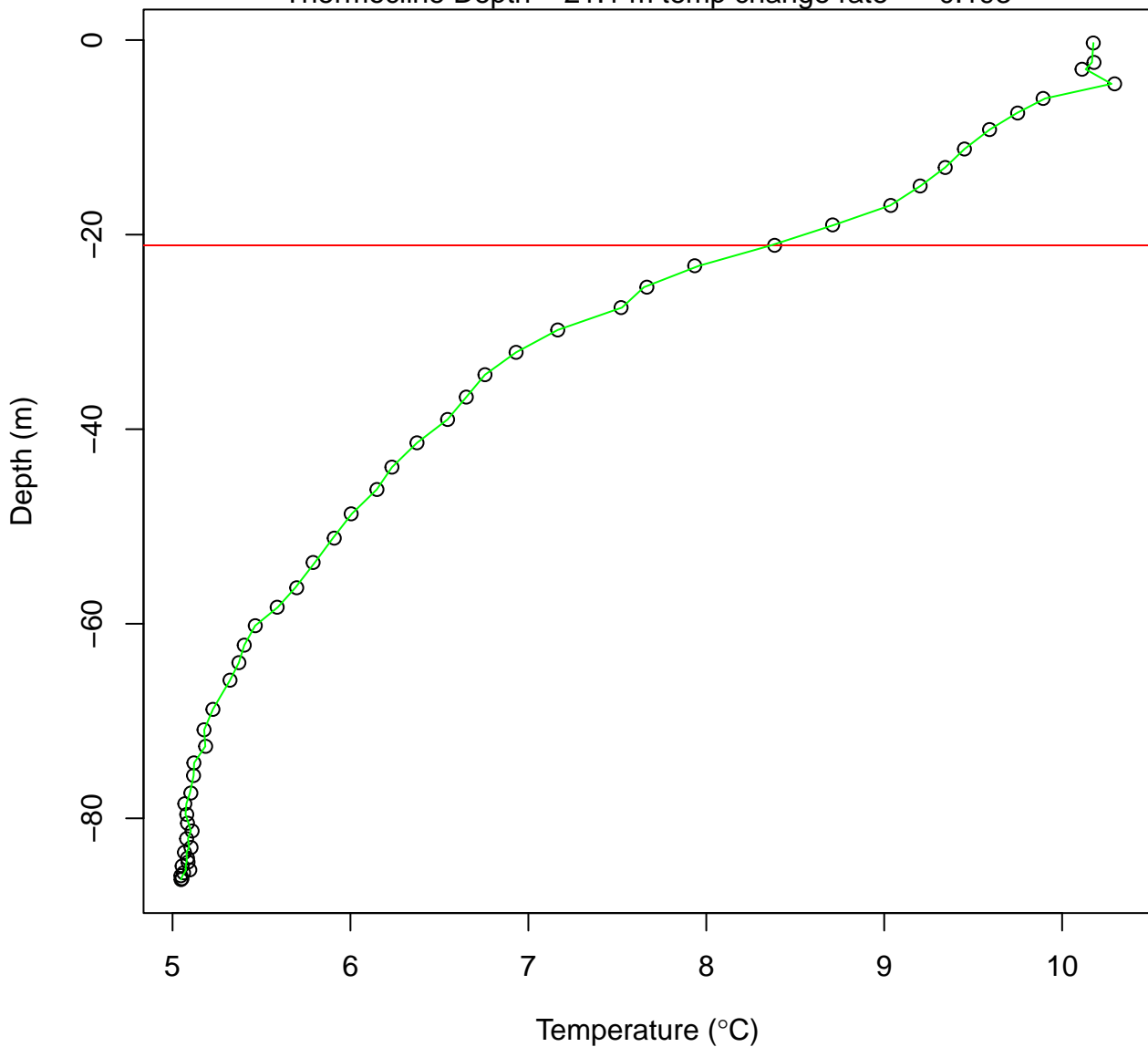
Vessel 176 Cruise 202201 Haul 196

Thermocline Depth = 13.7 m temp change rate = -0.419



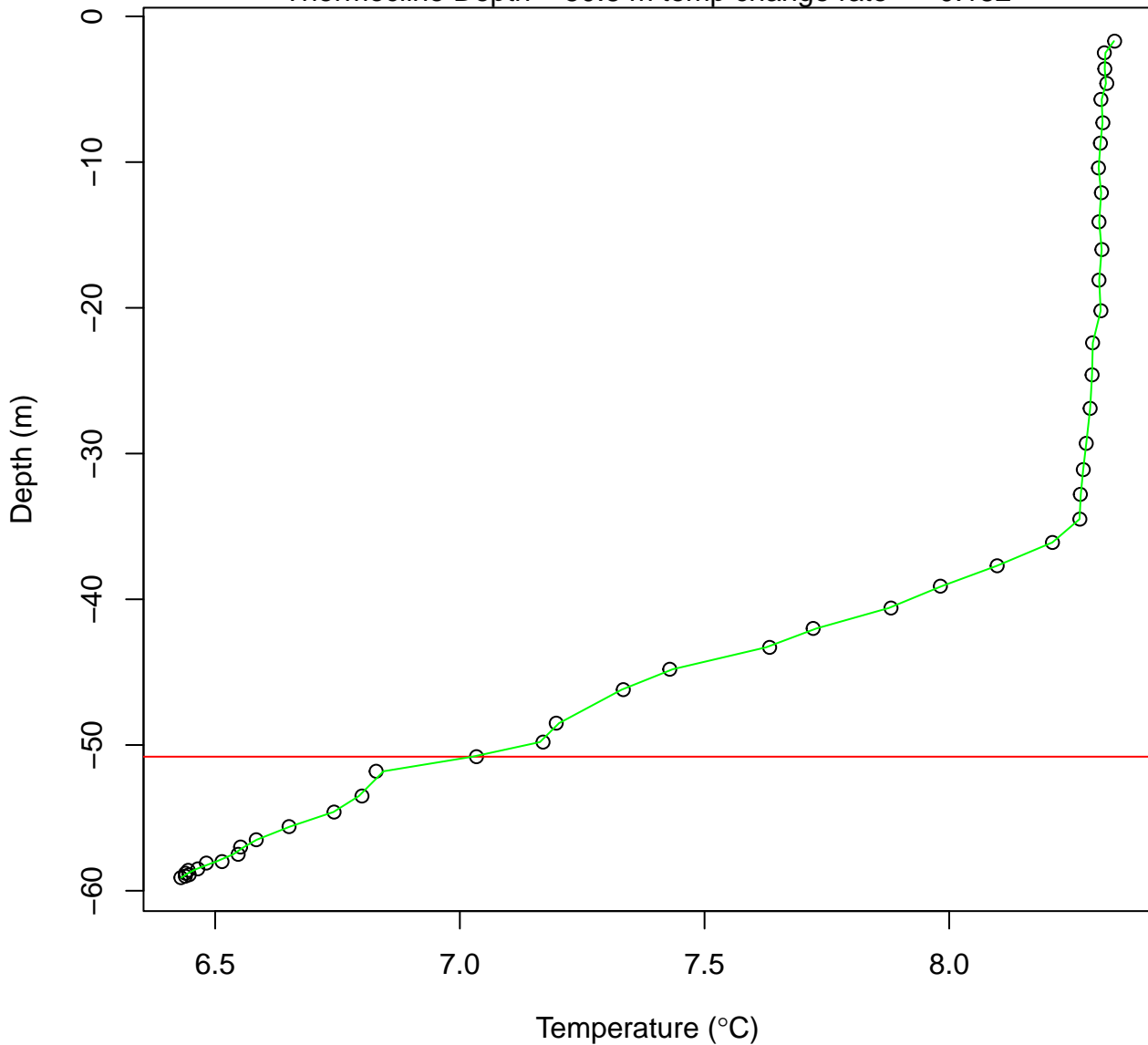
Vessel 176 Cruise 202201 Haul 197

Thermocline Depth = 21.1 m temp change rate = -0.193



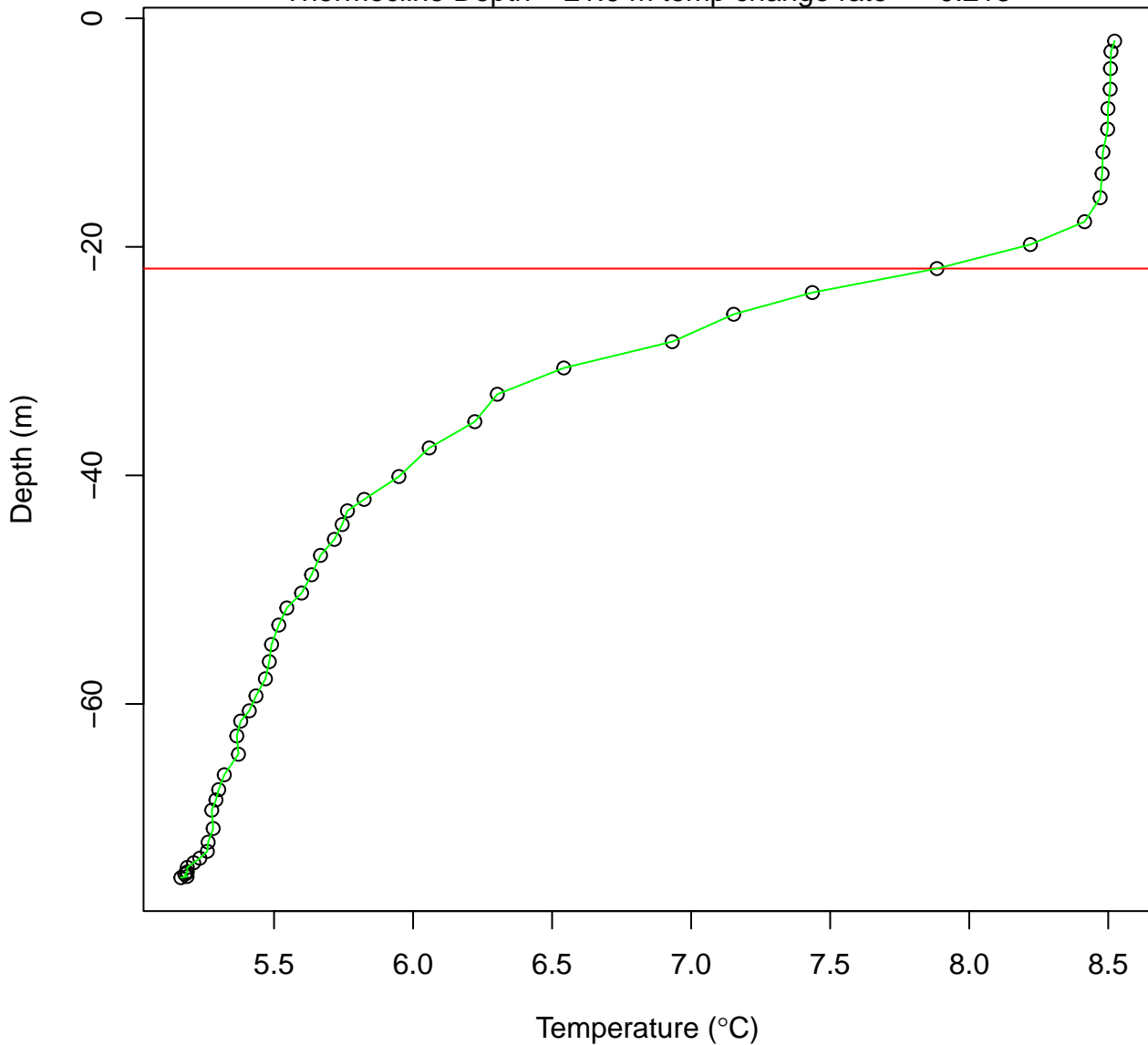
Vessel 176 Cruise 202201 Haul 198

Thermocline Depth = 50.8 m temp change rate = -0.182



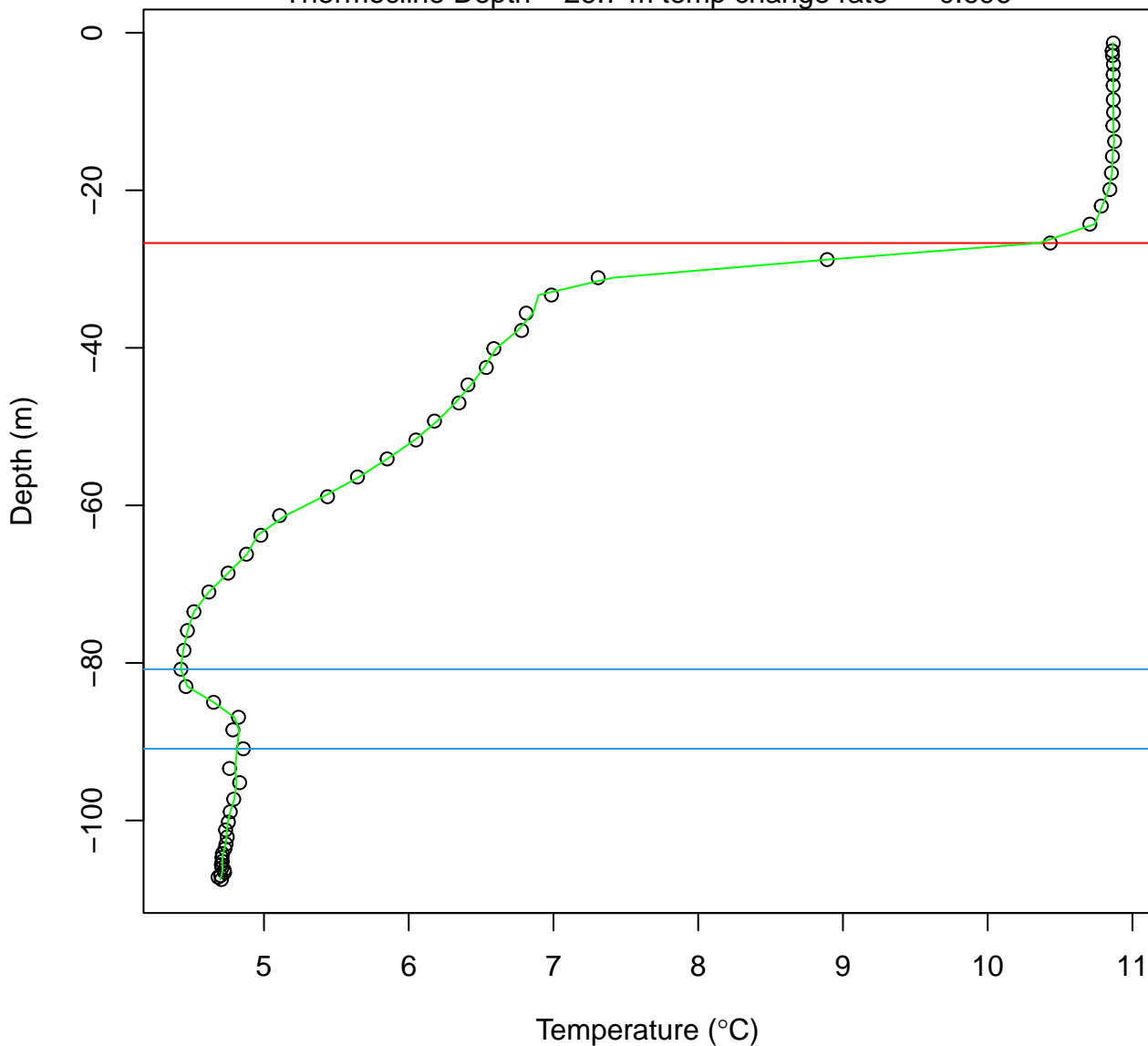
Vessel 176 Cruise 202201 Haul 199

Thermocline Depth = 21.9 m temp change rate = -0.213



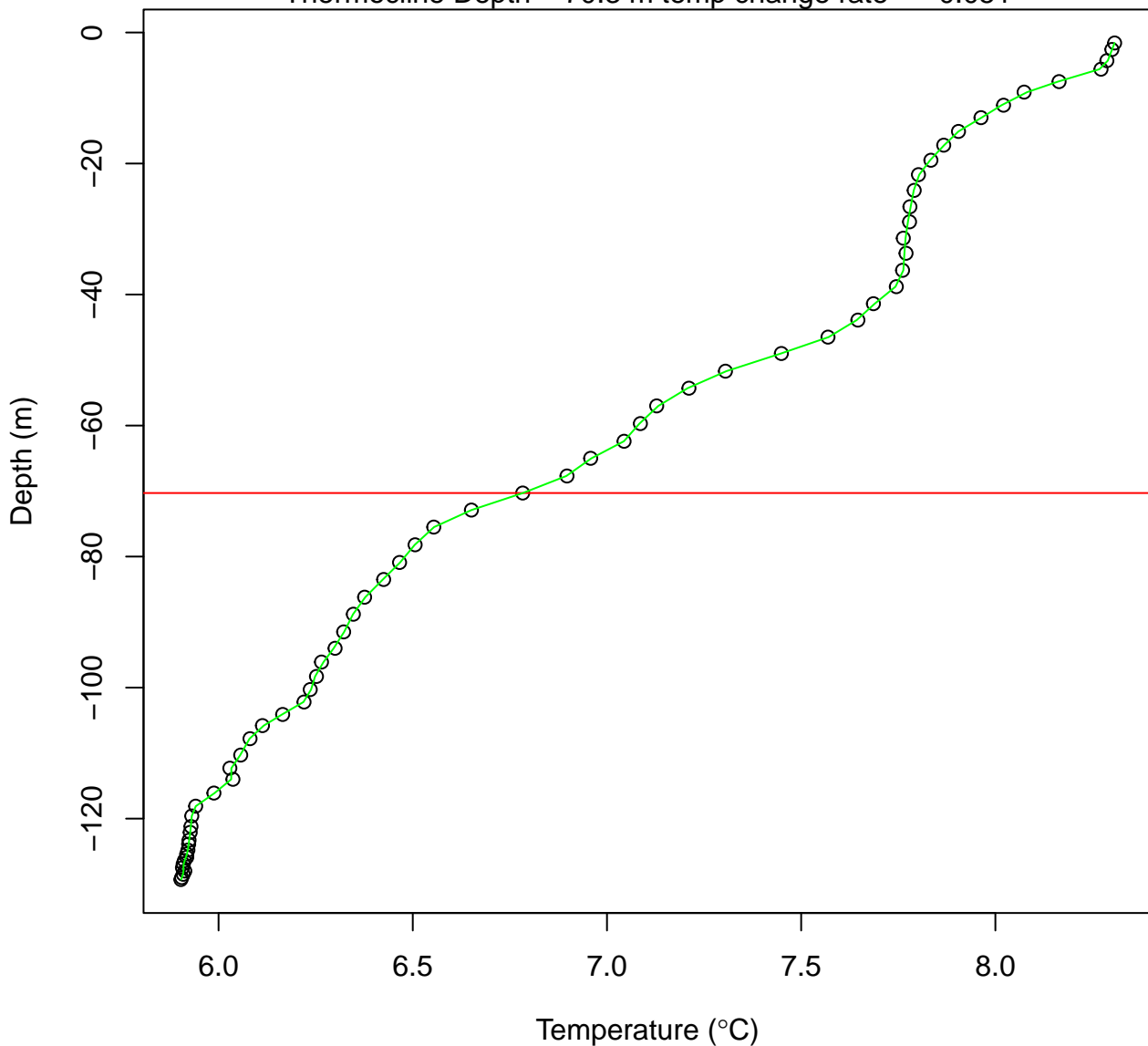
Vessel 176 Cruise 202201 Haul 200

Thermocline Depth = 26.7 m temp change rate = -0.696



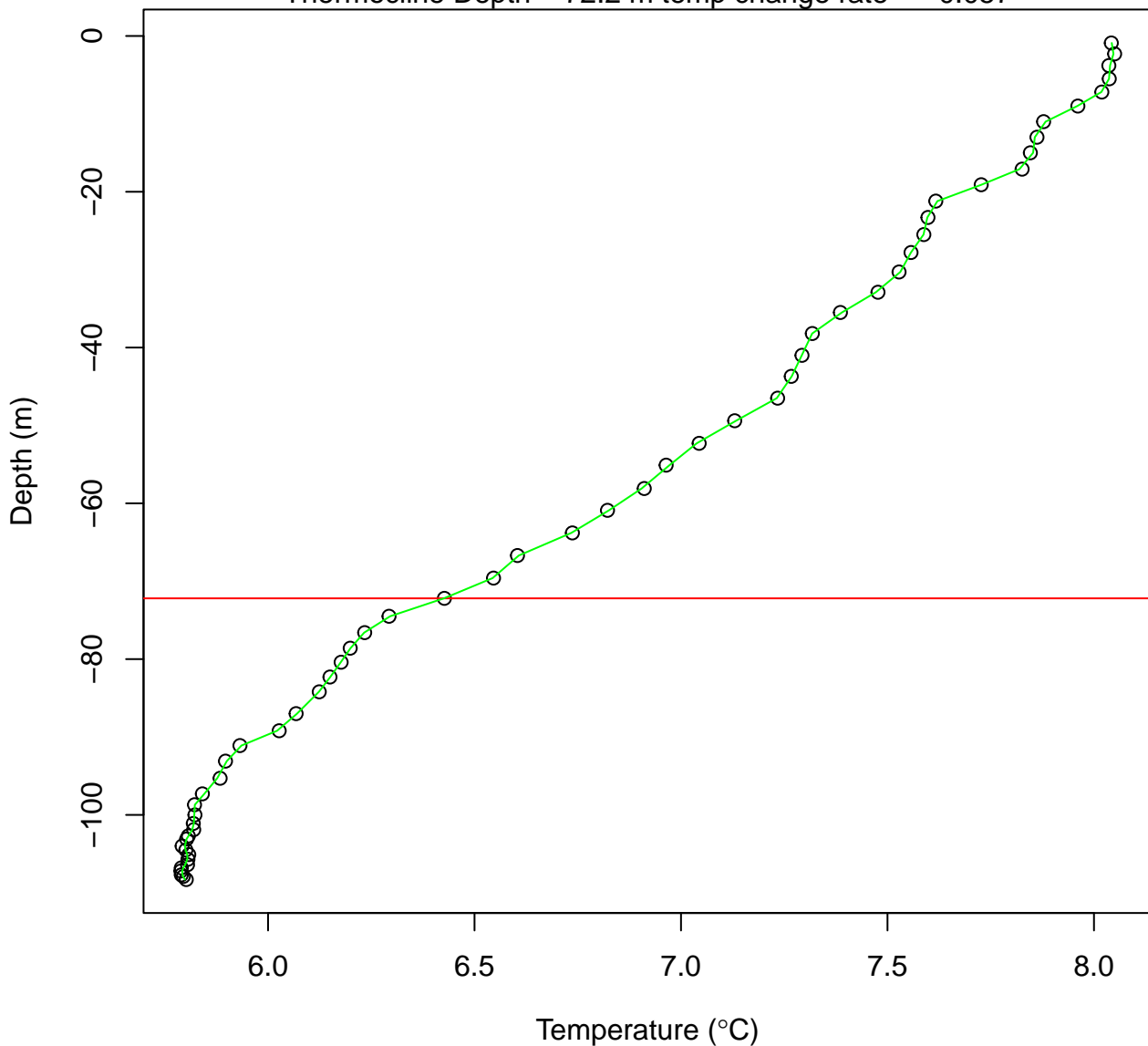
Vessel 176 Cruise 202201 Haul 201

Thermocline Depth = 70.3 m temp change rate = -0.051



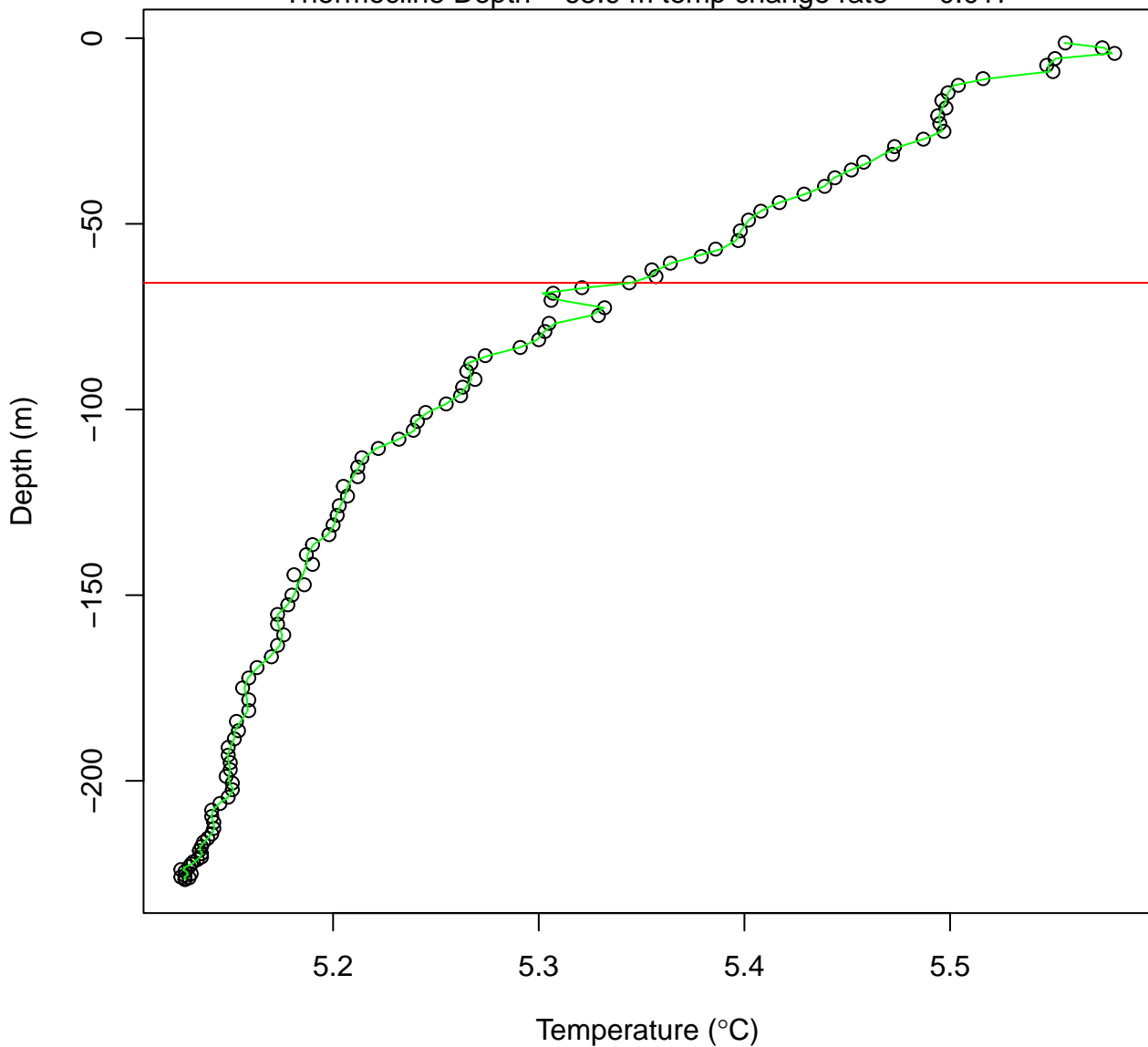
Vessel 176 Cruise 202201 Haul 202

Thermocline Depth = 72.2 m temp change rate = -0.057



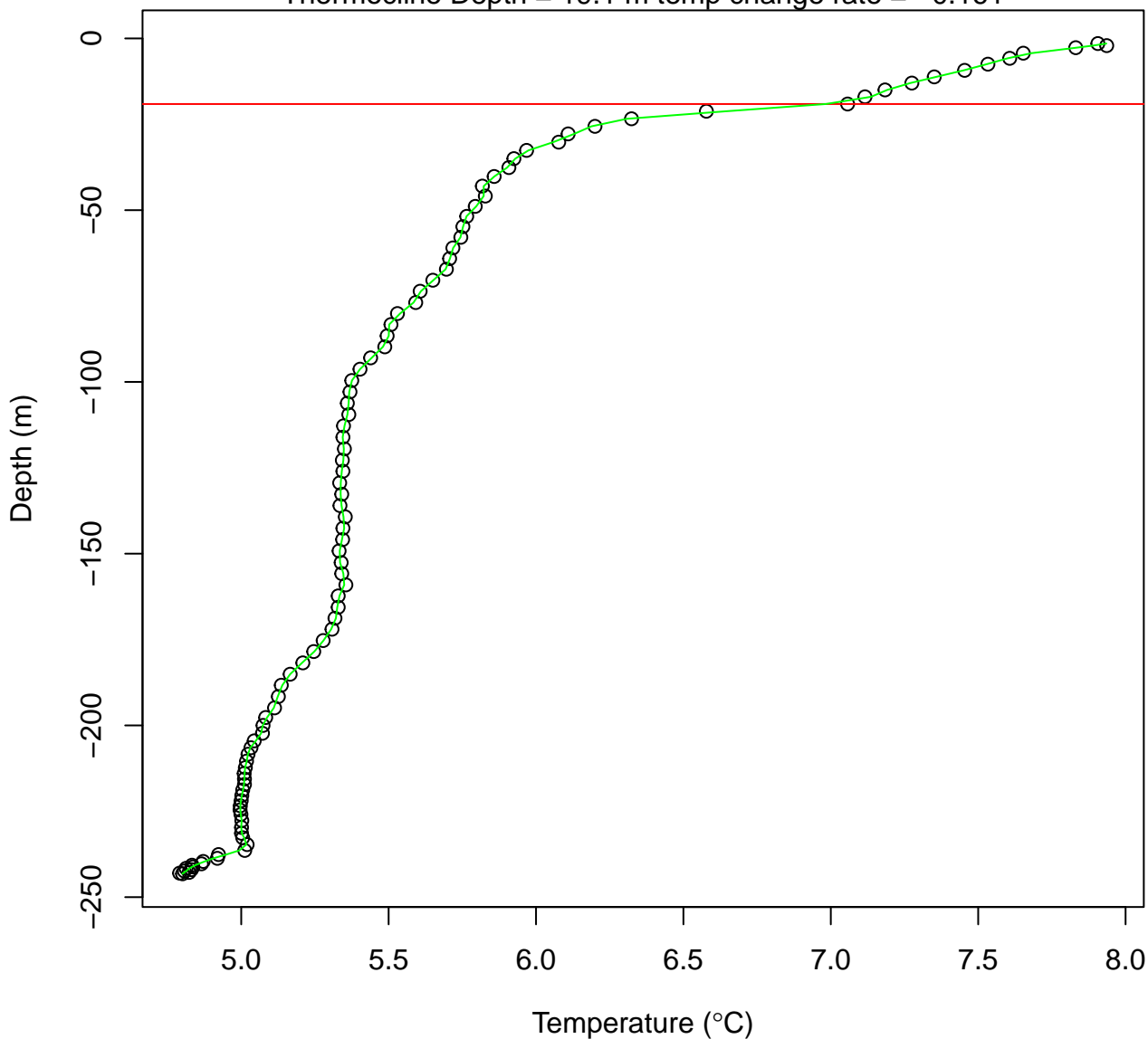
Vessel 176 Cruise 202201 Haul 203

Thermocline Depth = 65.9 m temp change rate = -0.017



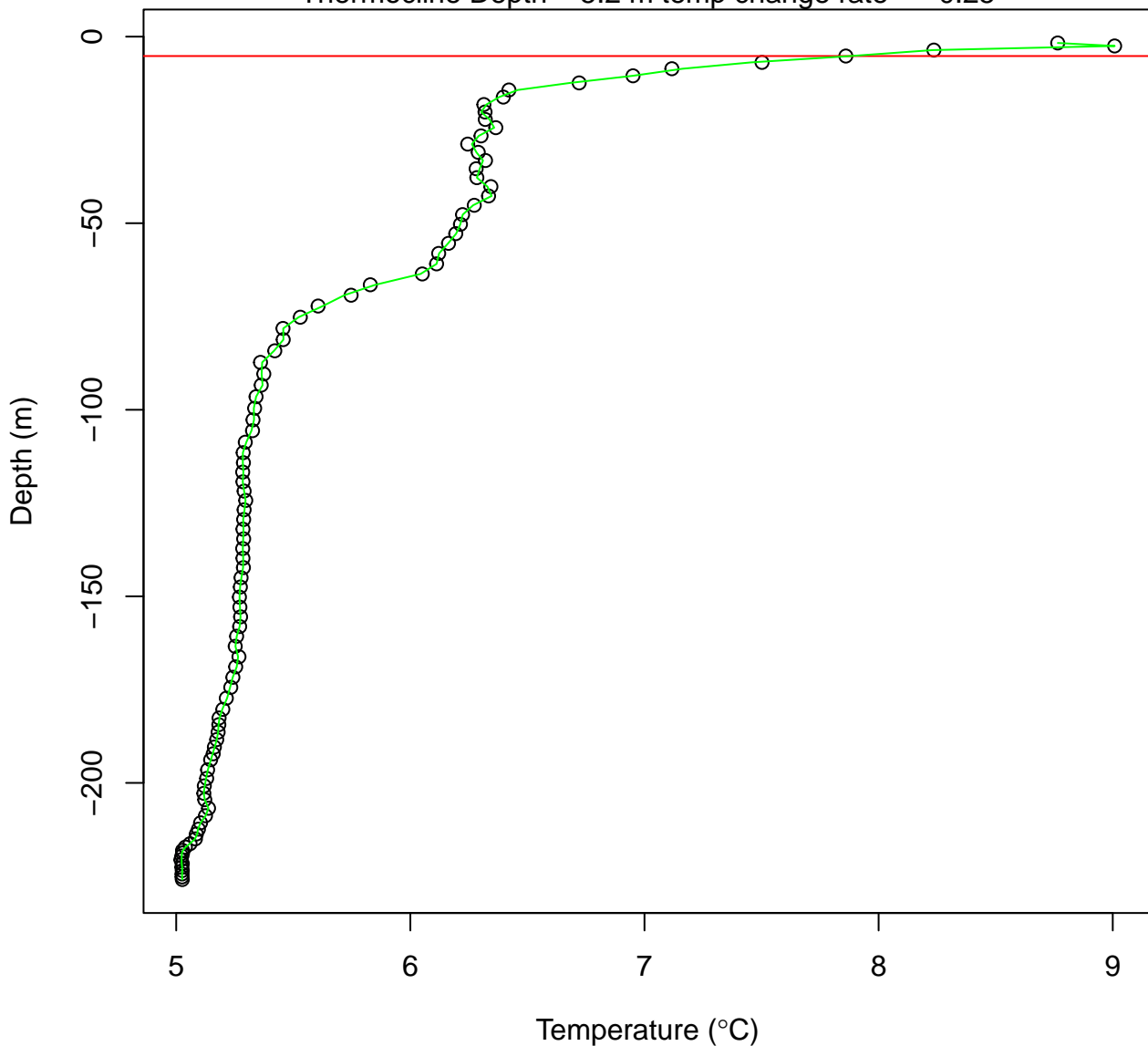
Vessel 176 Cruise 202201 Haul 204

Thermocline Depth = 19.1 m temp change rate = -0.161



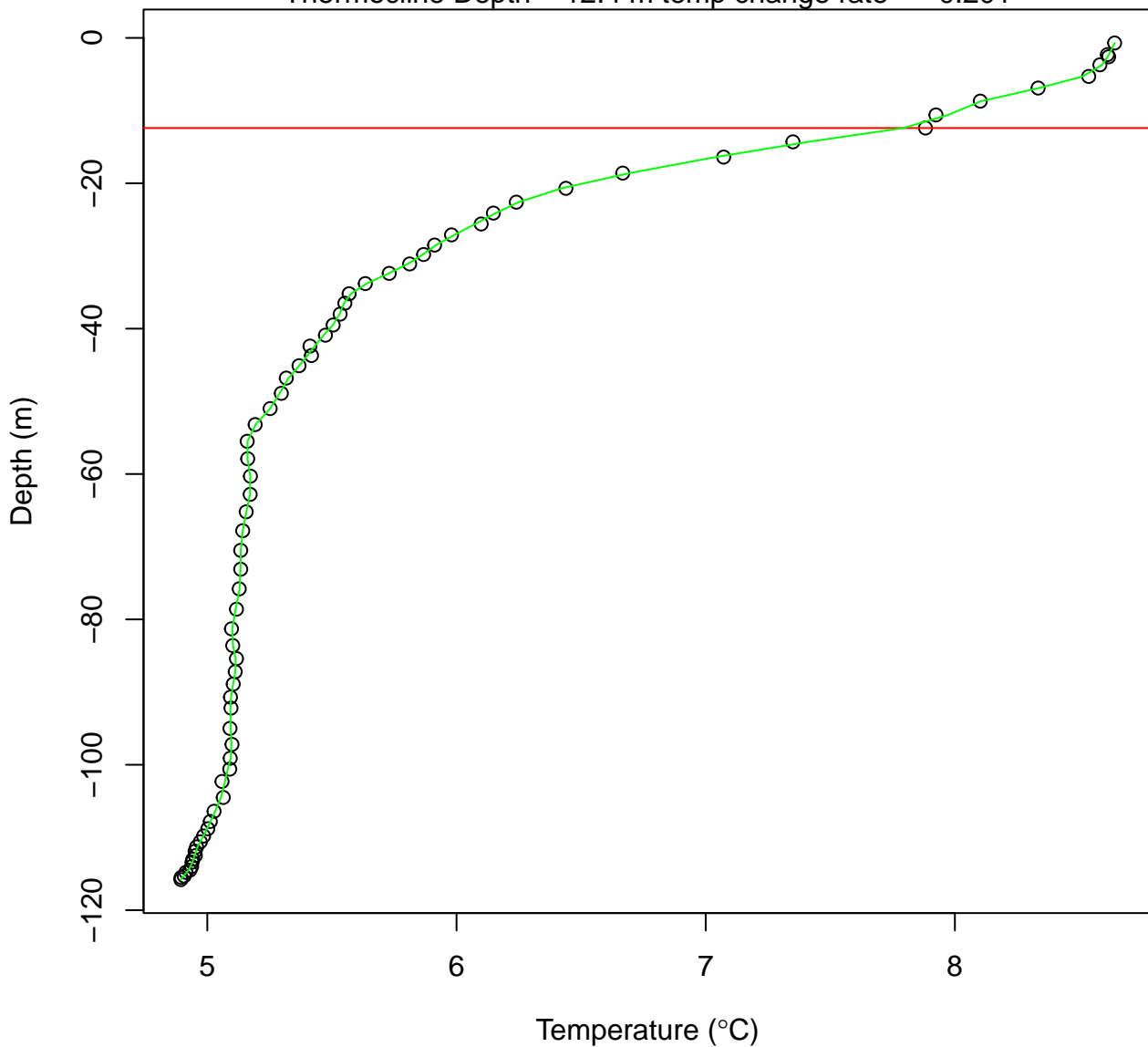
Vessel 176 Cruise 202201 Haul 205

Thermocline Depth = 5.2 m temp change rate = -0.25



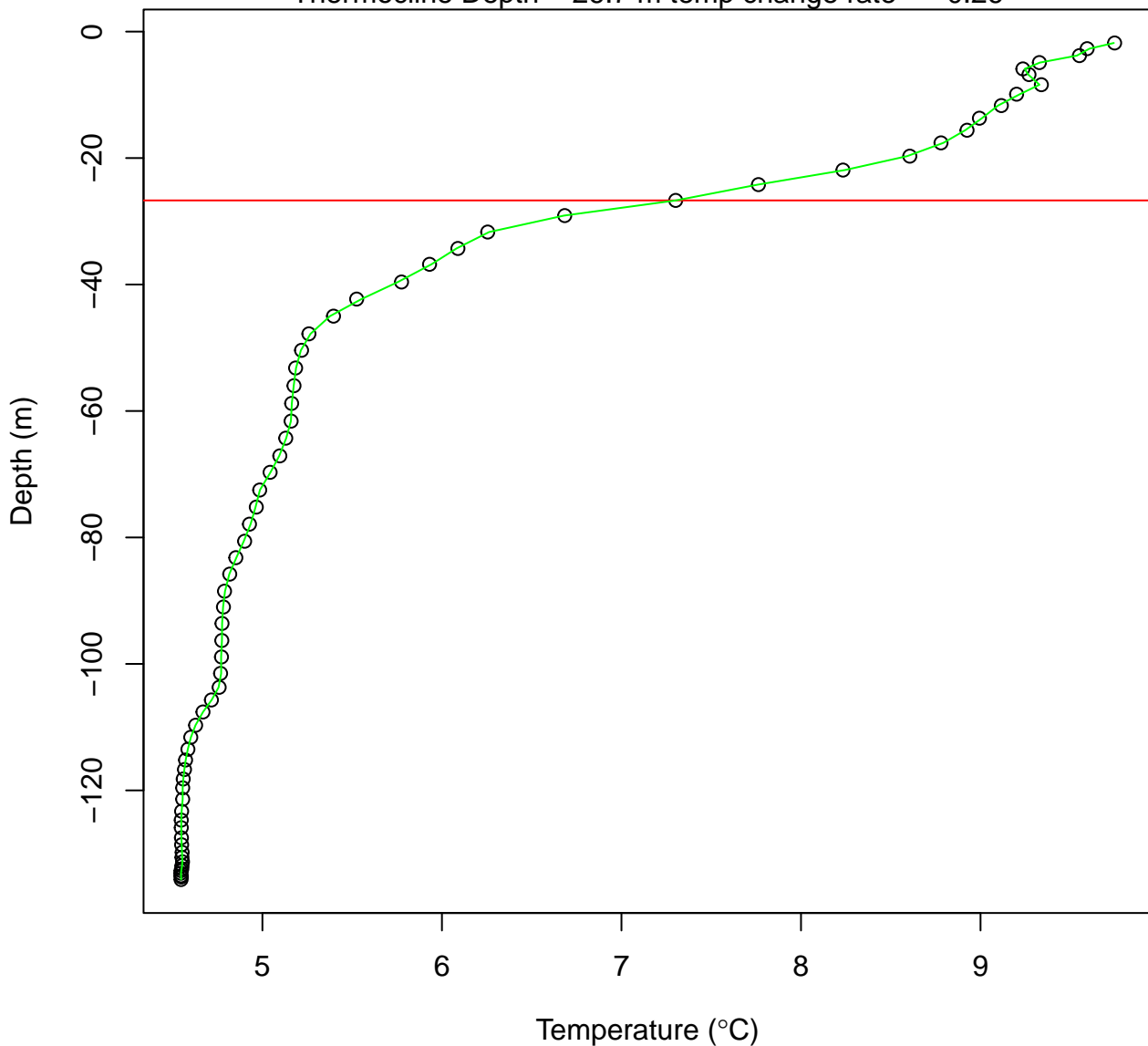
Vessel 176 Cruise 202201 Haul 206

Thermocline Depth = 12.4 m temp change rate = -0.201



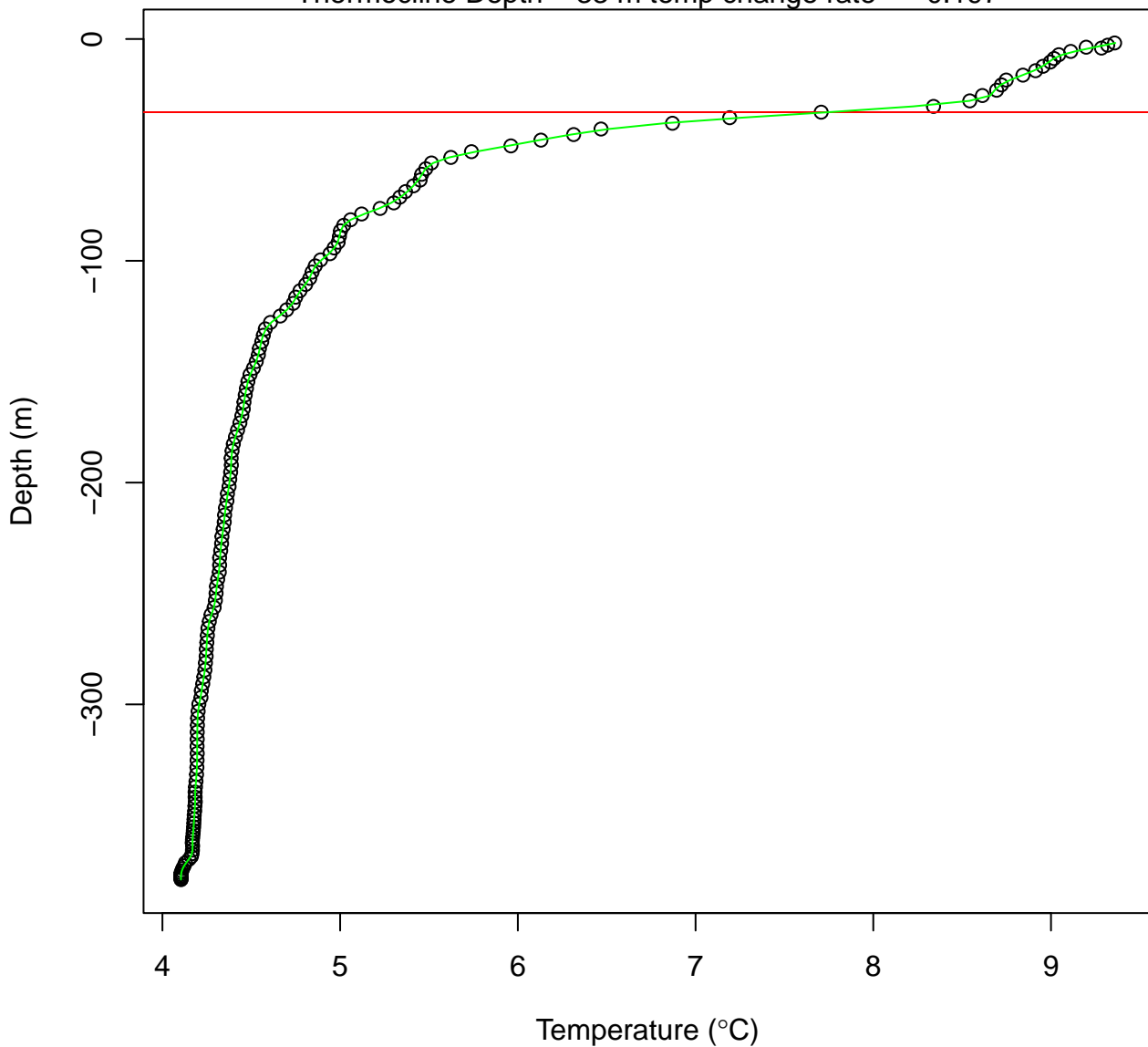
Vessel 176 Cruise 202201 Haul 207

Thermocline Depth = 26.7 m temp change rate = -0.26



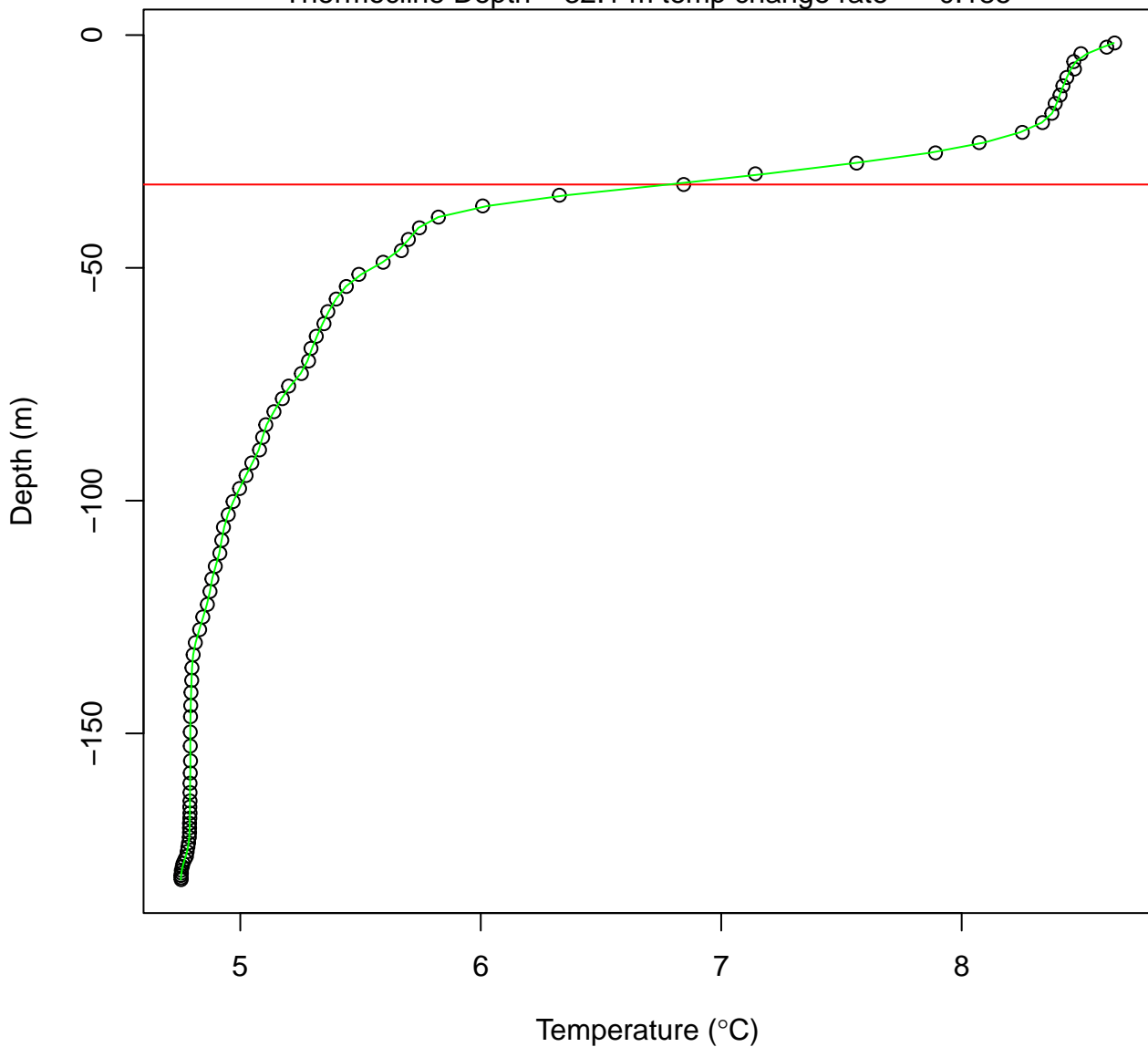
Vessel 176 Cruise 202201 Haul 208

Thermocline Depth = 33 m temp change rate = -0.197



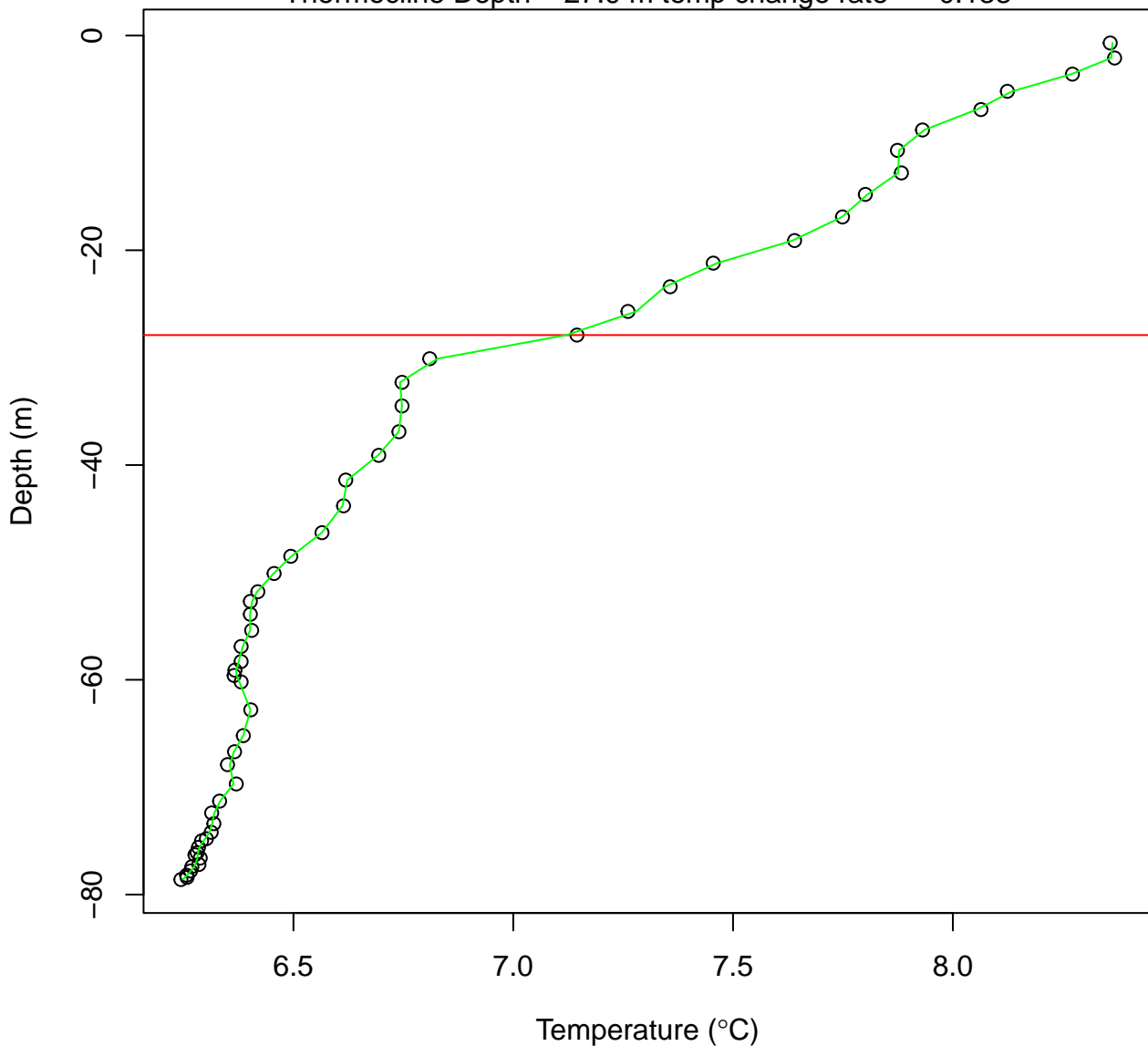
Vessel 176 Cruise 202201 Haul 209

Thermocline Depth = 32.1 m temp change rate = -0.185



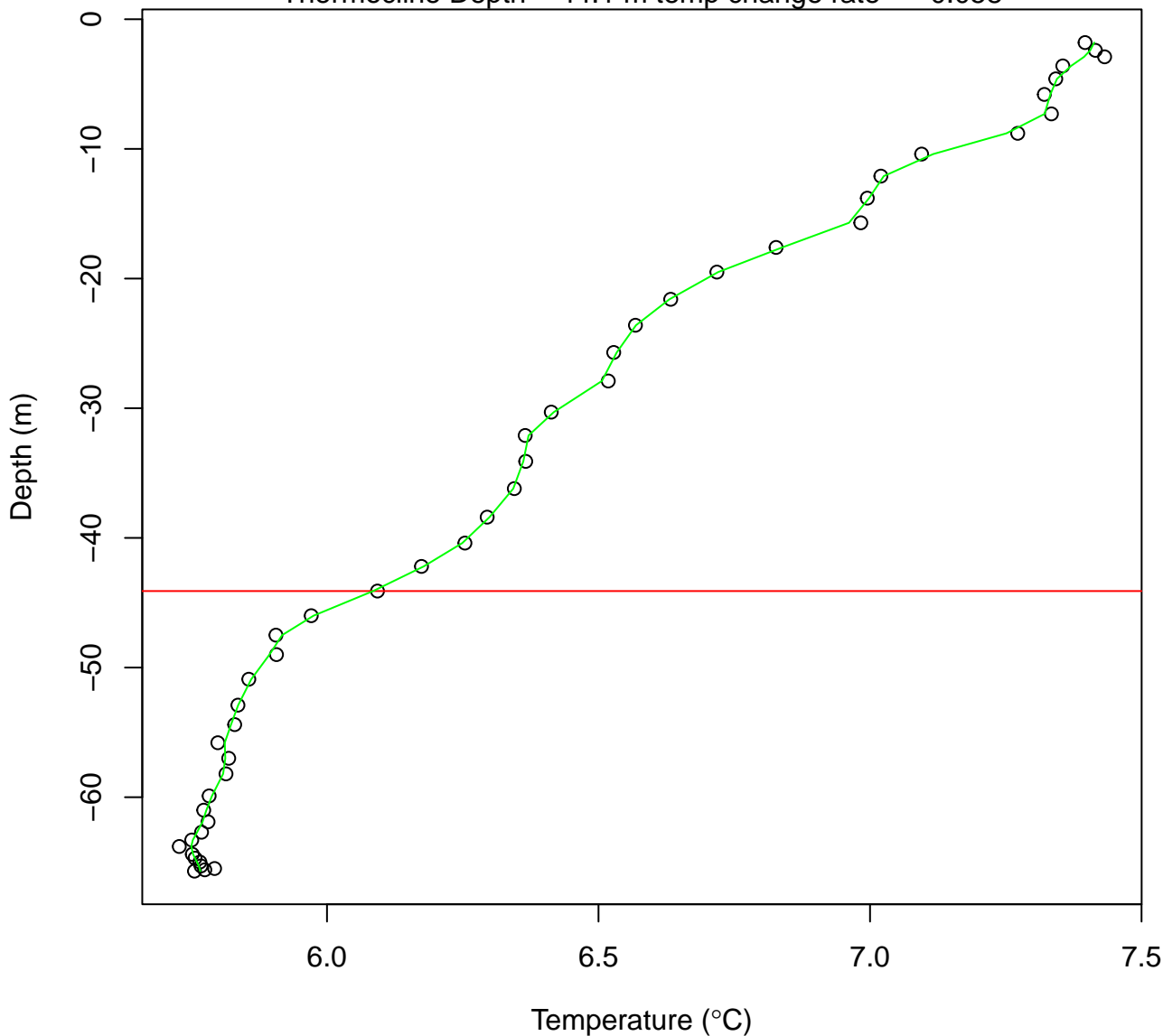
Vessel 176 Cruise 202201 Haul 210

Thermocline Depth = 27.9 m temp change rate = -0.133



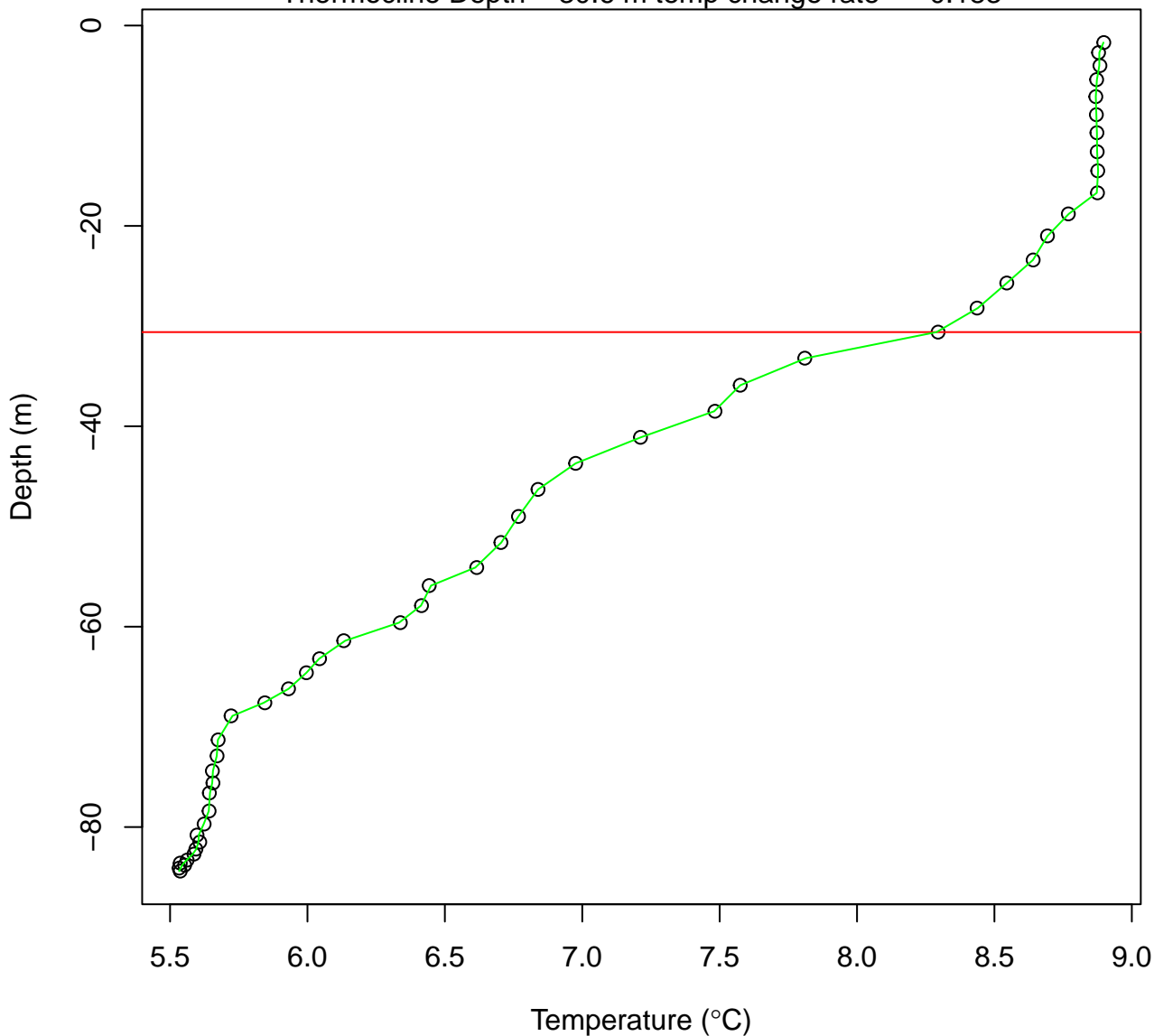
Vessel 176 Cruise 202201 Haul 211

Thermocline Depth = 44.1 m temp change rate = -0.058



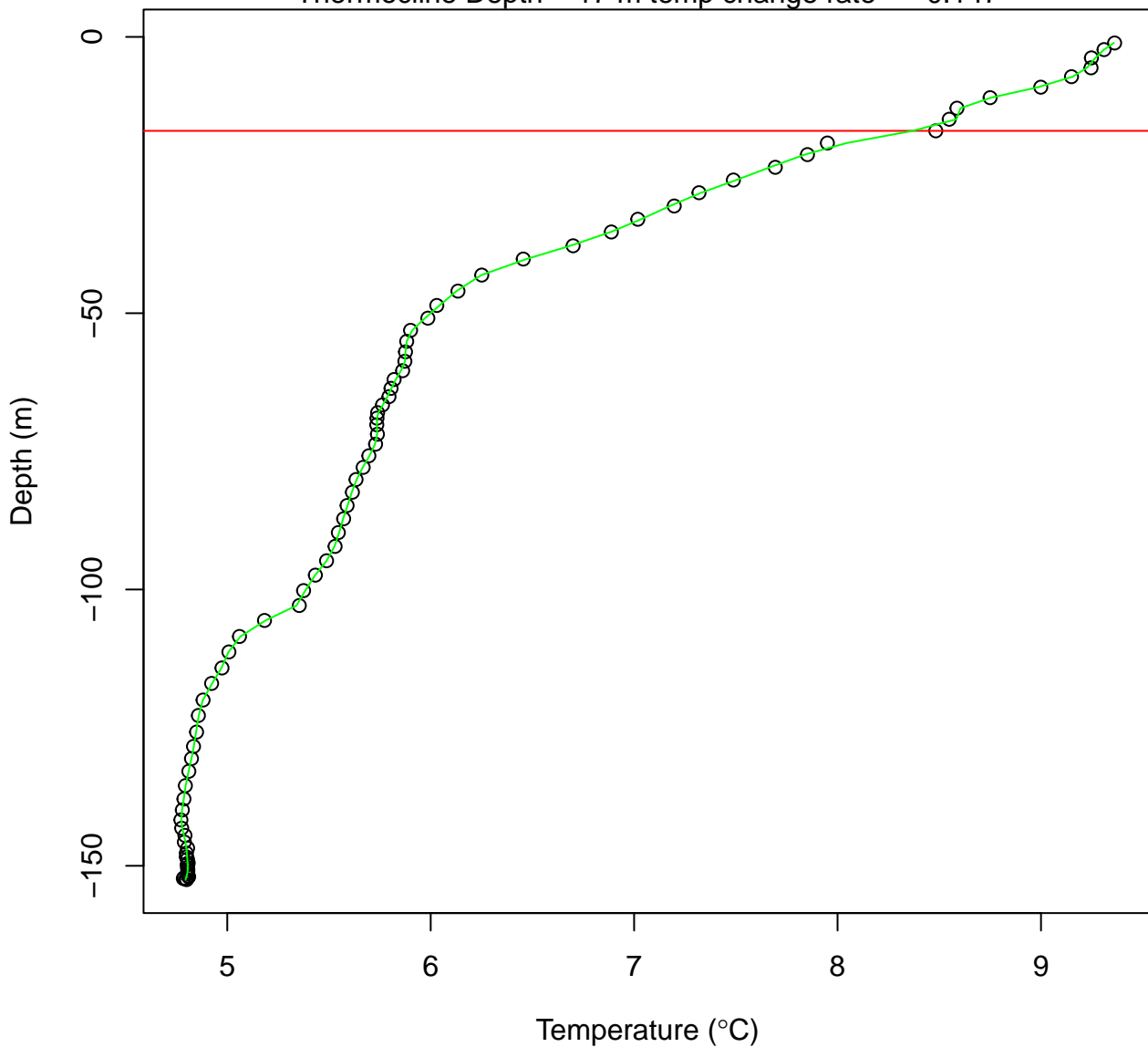
Vessel 176 Cruise 202201 Haul 212

Thermocline Depth = 30.6 m temp change rate = -0.183



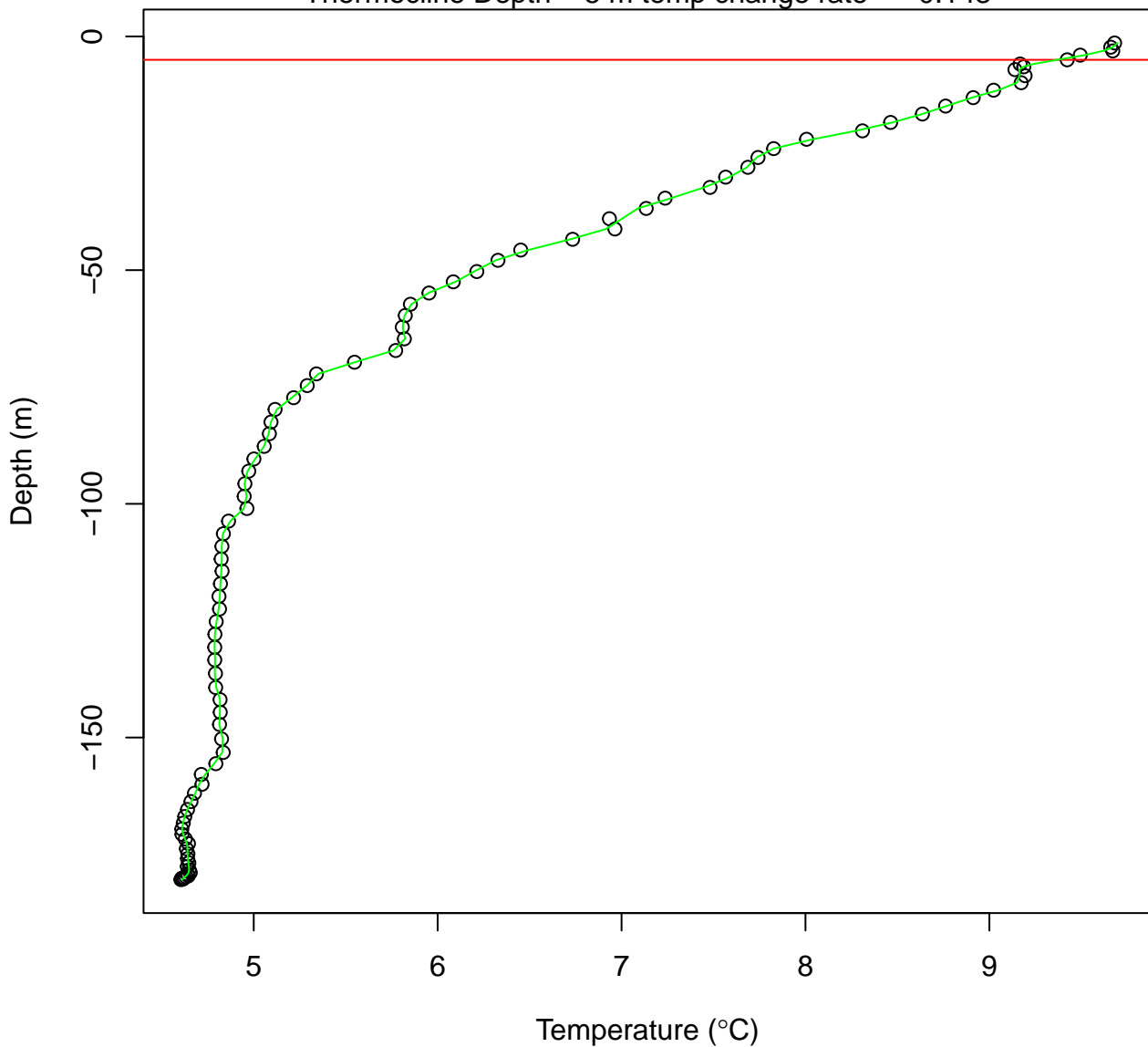
Vessel 176 Cruise 202201 Haul 213

Thermocline Depth = 17 m temp change rate = -0.147



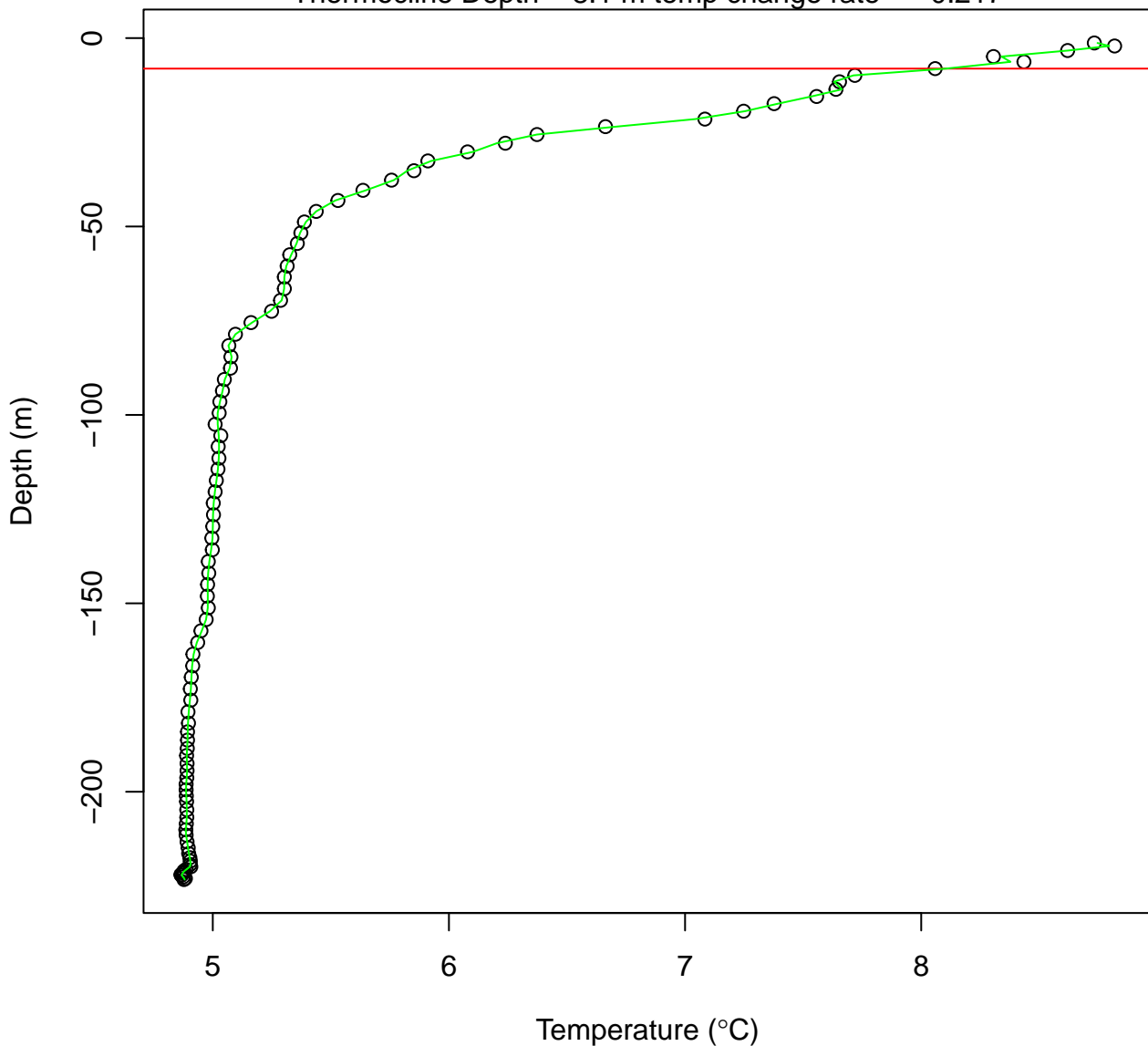
Vessel 176 Cruise 202201 Haul 214

Thermocline Depth = 5 m temp change rate = -0.143



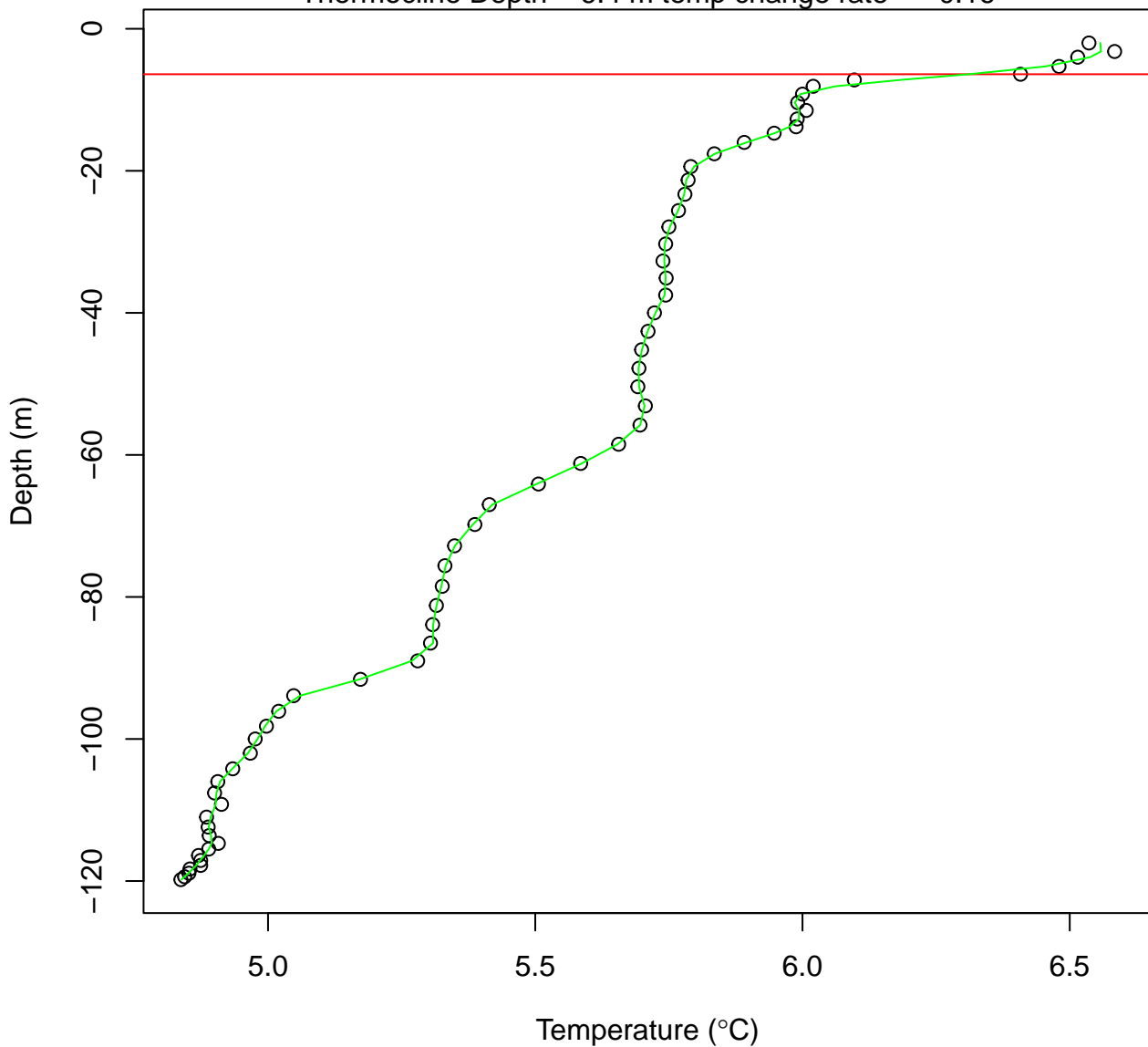
Vessel 176 Cruise 202201 Haul 215

Thermocline Depth = 8.1 m temp change rate = -0.217



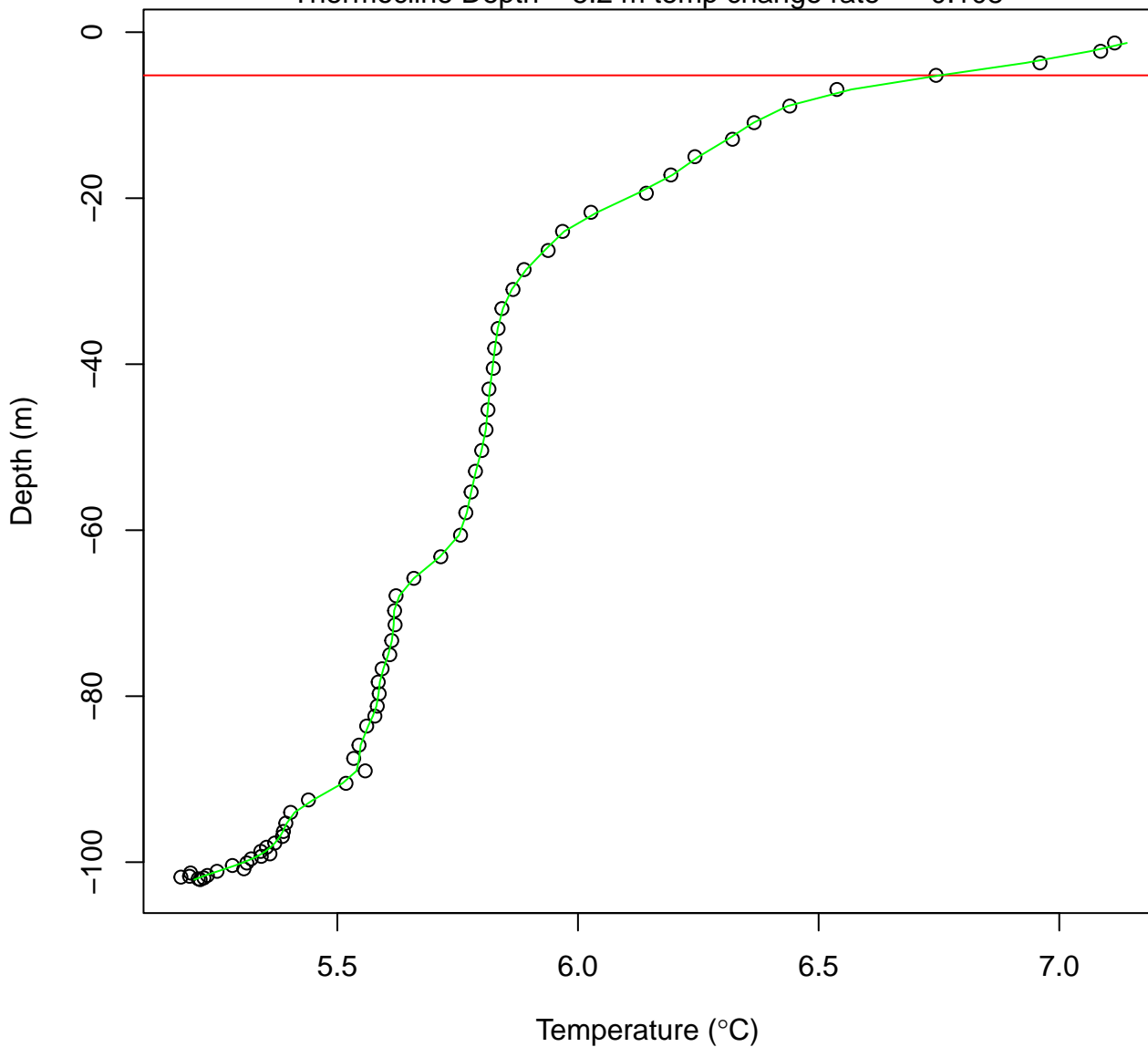
Vessel 176 Cruise 202201 Haul 216

Thermocline Depth = 6.4 m temp change rate = -0.16



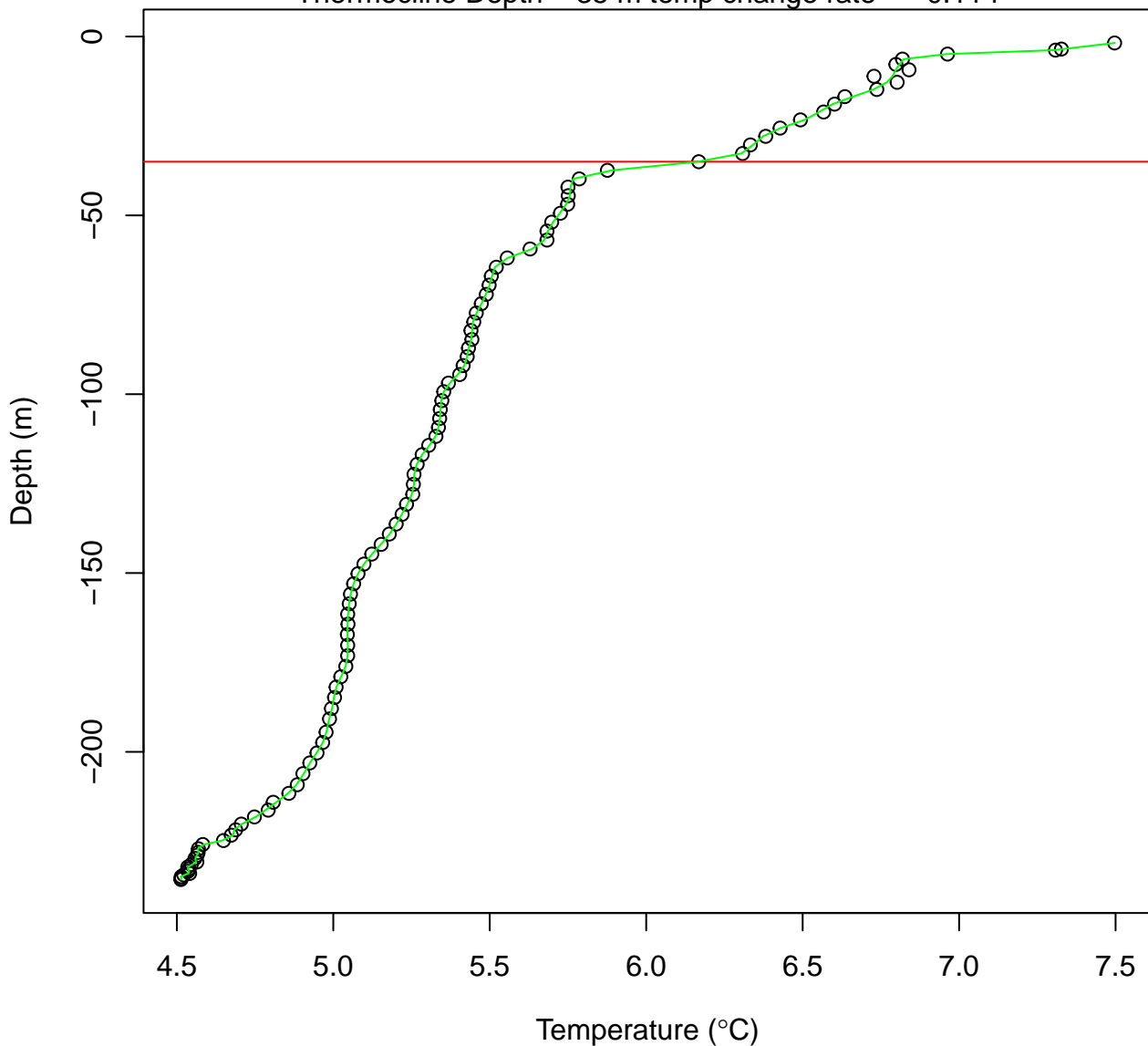
Vessel 176 Cruise 202201 Haul 217

Thermocline Depth = 5.2 m temp change rate = -0.108



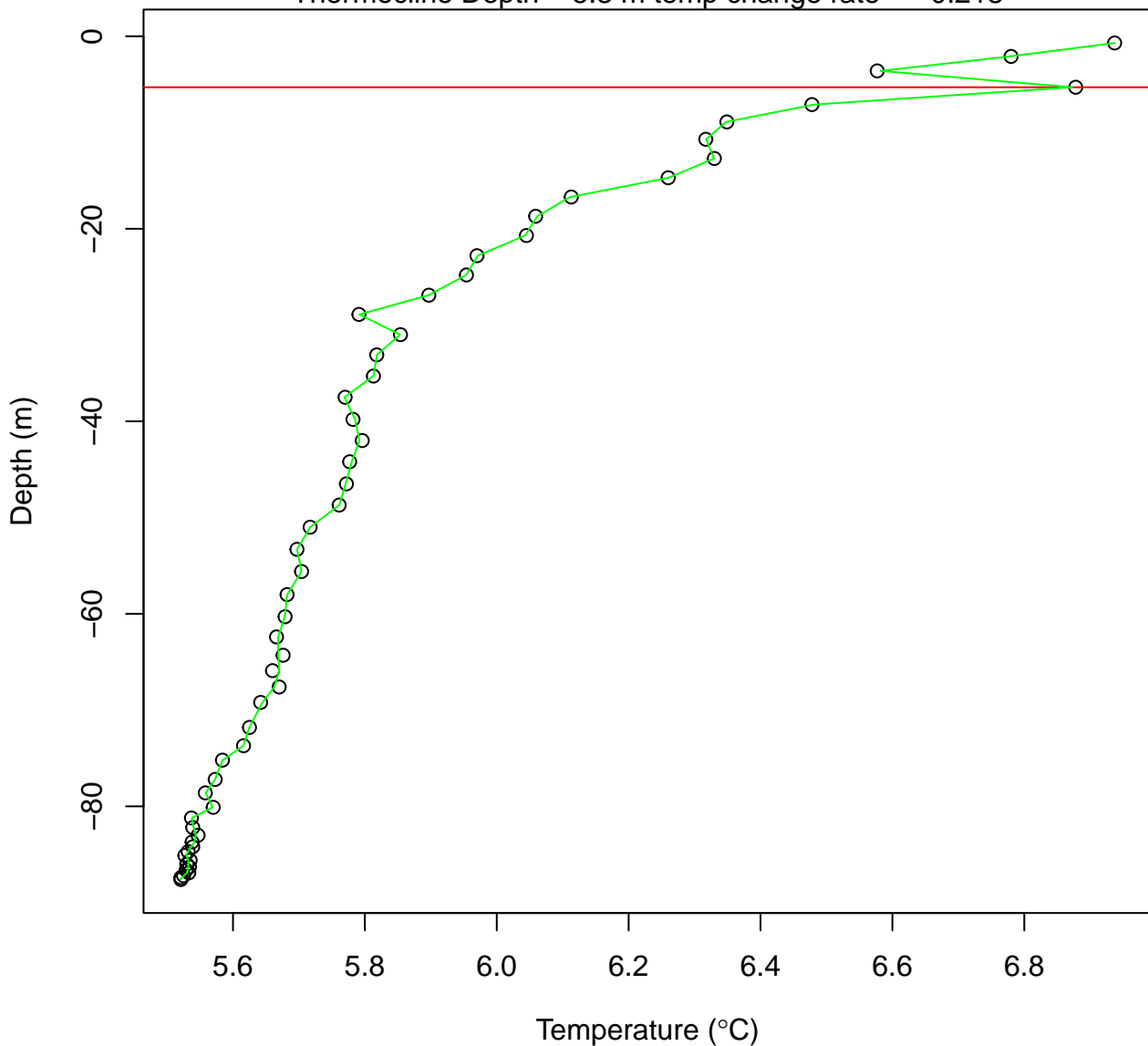
Vessel 176 Cruise 202201 Haul 218

Thermocline Depth = 35 m temp change rate = -0.114



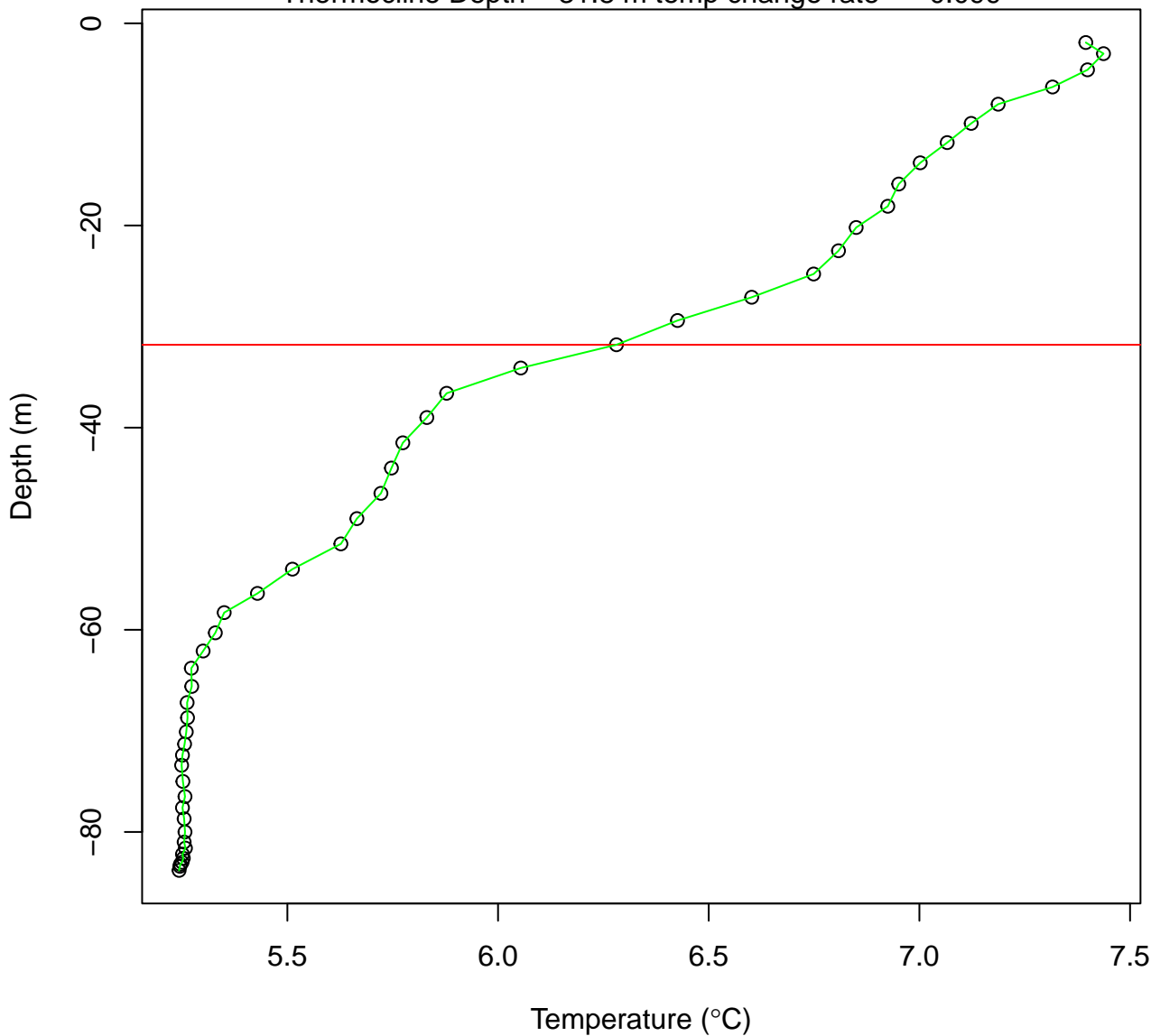
Vessel 176 Cruise 202201 Haul 219

Thermocline Depth = 5.3 m temp change rate = -0.218



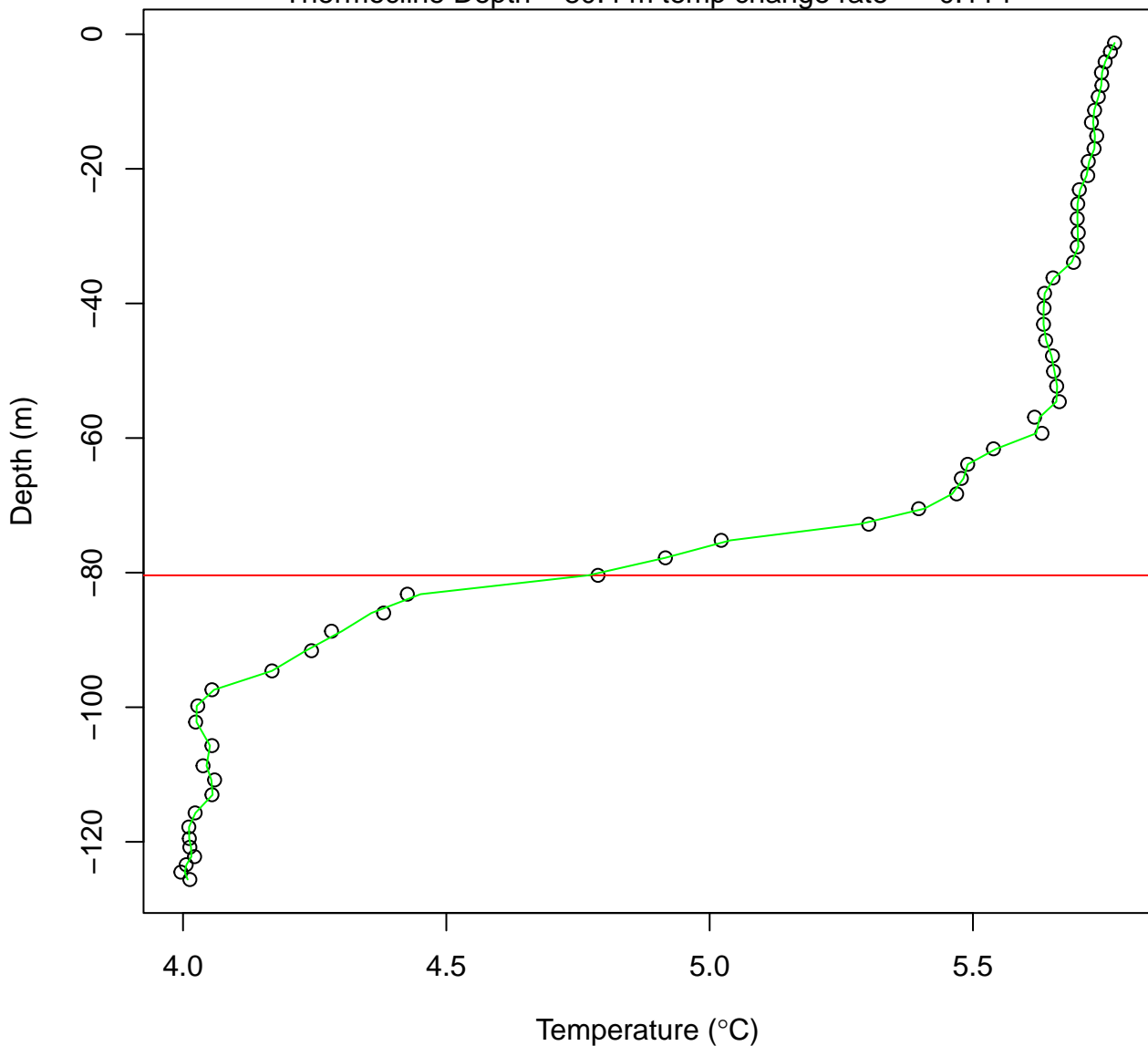
Vessel 176 Cruise 202201 Haul 220

Thermocline Depth = 31.8 m temp change rate = -0.099



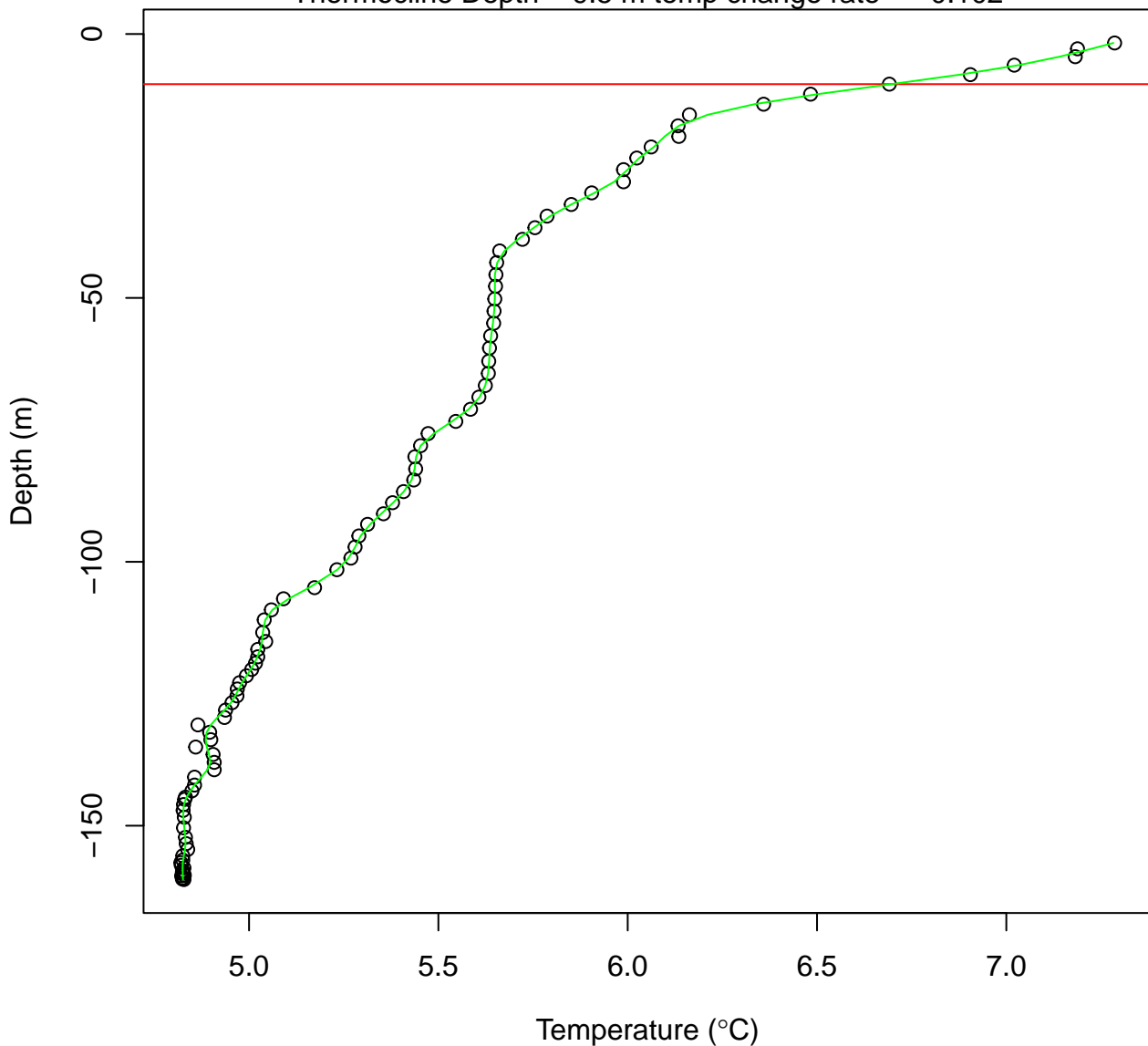
Vessel 176 Cruise 202201 Haul 221

Thermocline Depth = 80.4 m temp change rate = -0.114



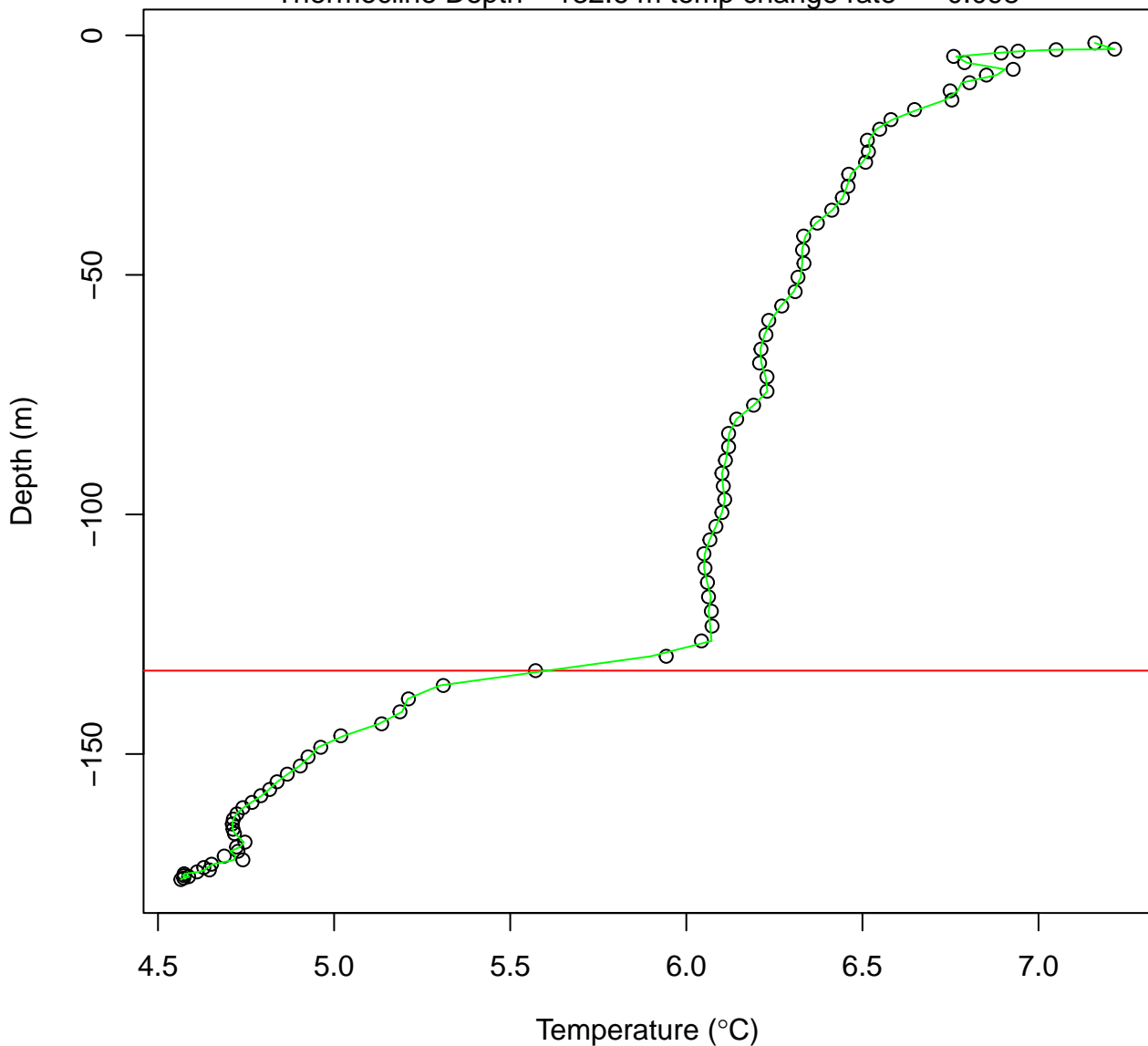
Vessel 176 Cruise 202201 Haul 222

Thermocline Depth = 9.5 m temp change rate = -0.102



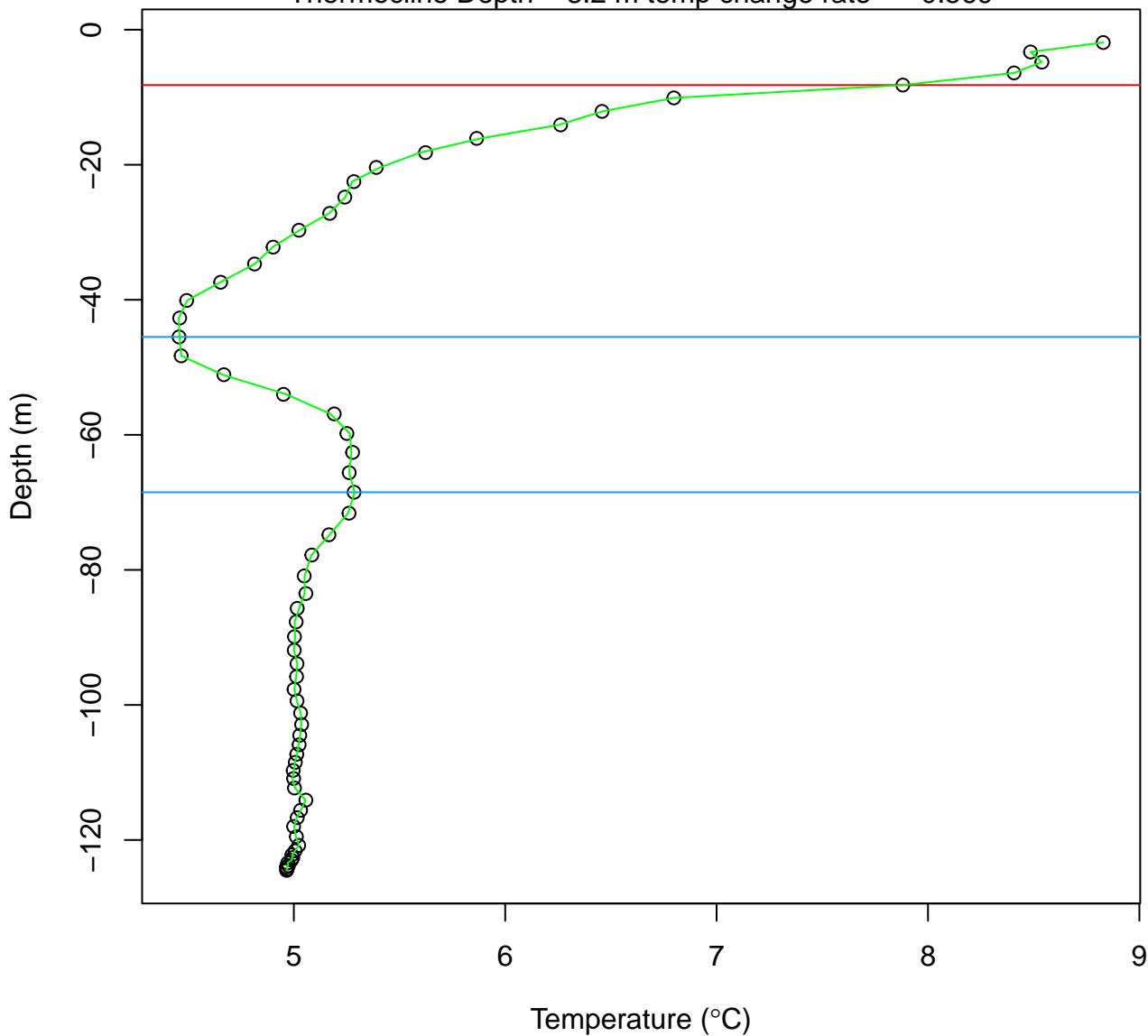
Vessel 176 Cruise 202201 Haul 223

Thermocline Depth = 132.6 m temp change rate = -0.098



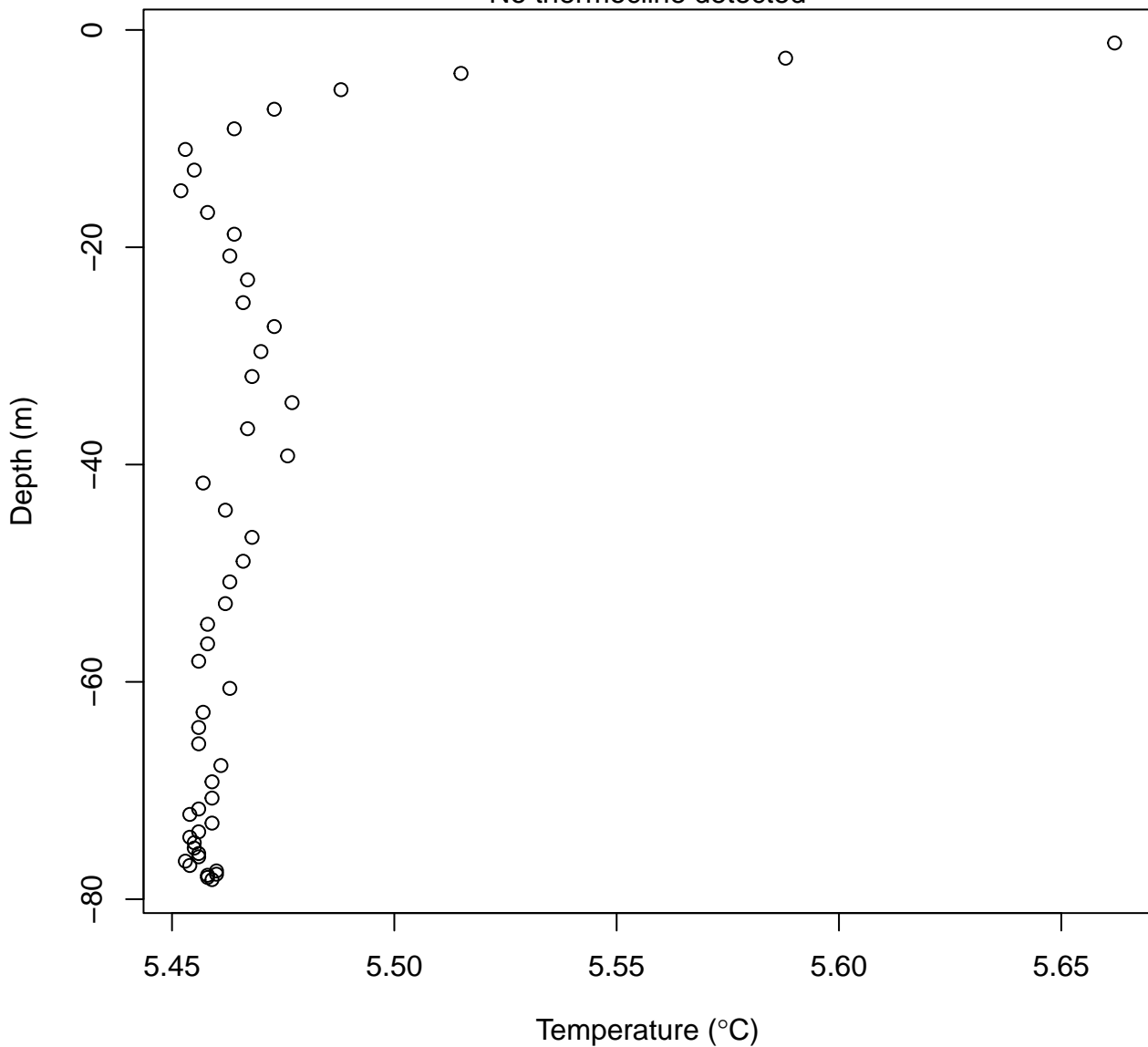
Vessel 176 Cruise 202201 Haul 224

Thermocline Depth = 8.2 m temp change rate = -0.569



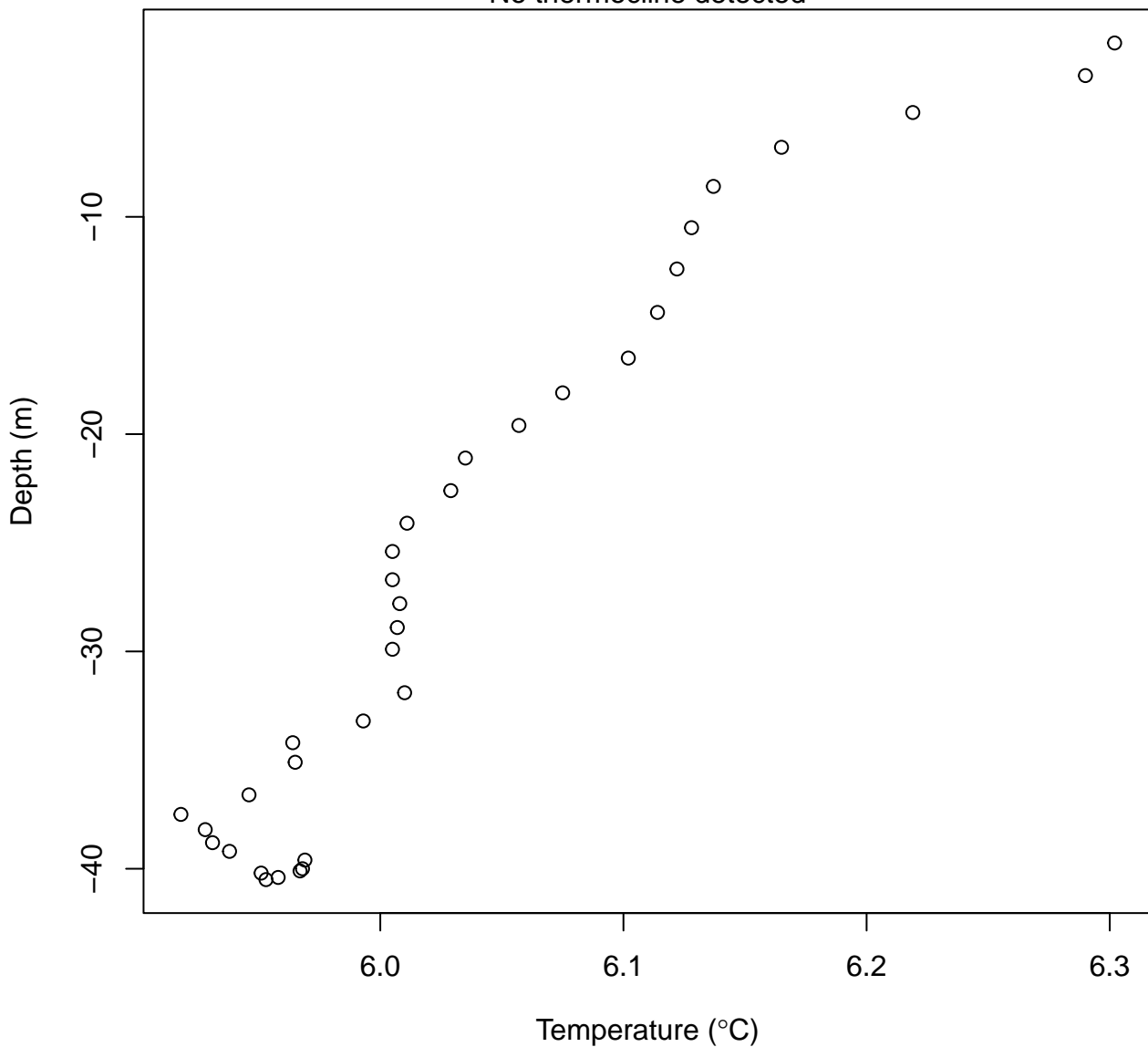
Vessel 176 Cruise 202201 Haul 225

No thermocline detected



Vessel 176 Cruise 202201 Haul 226

No thermocline detected



Vessel 176 Cruise 202201 Haul 227

Thermocline Depth = 28.5 m temp change rate = -0.066

