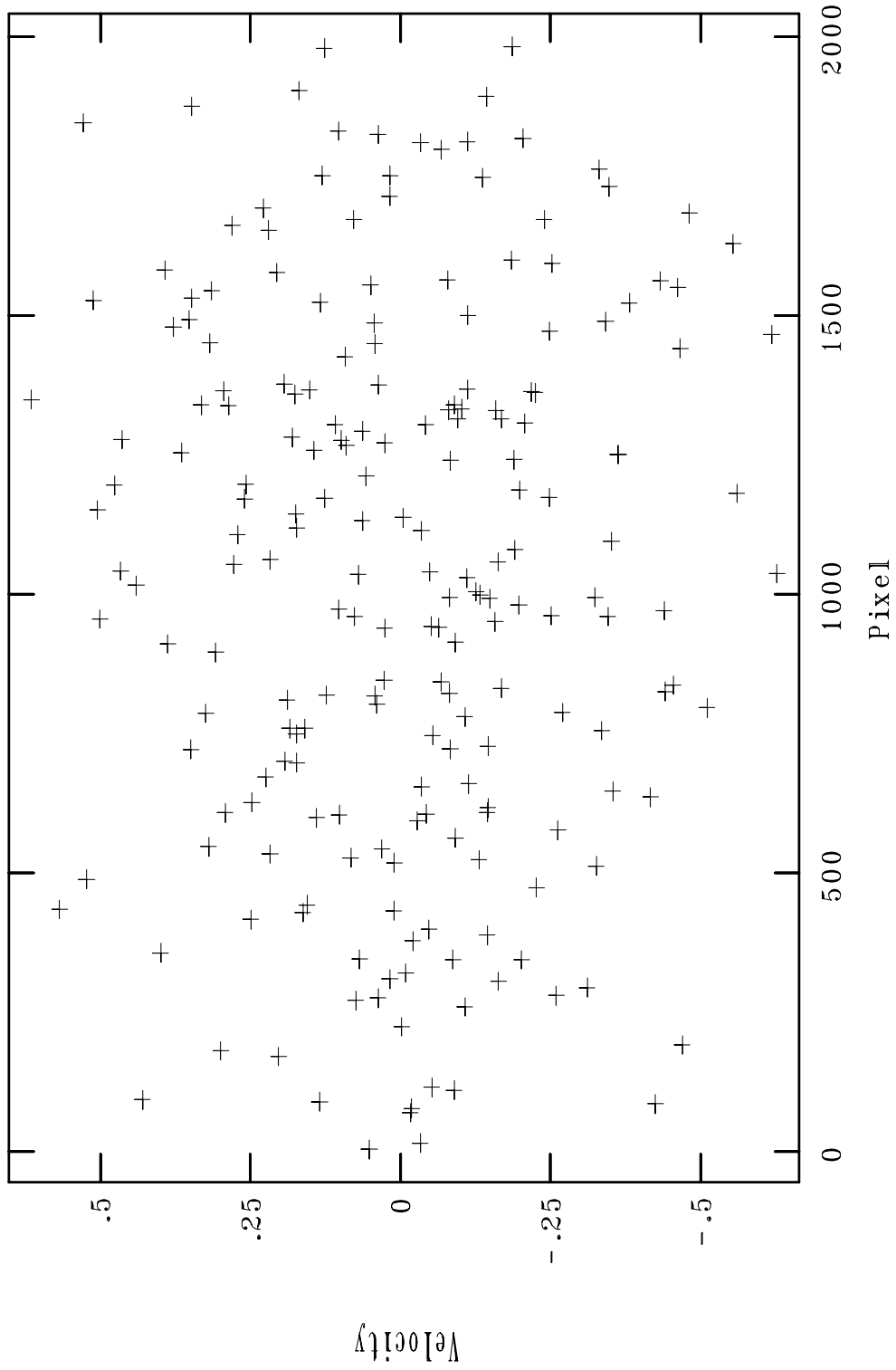


FIES ThAr line atlas
(Orders 79 – 156)

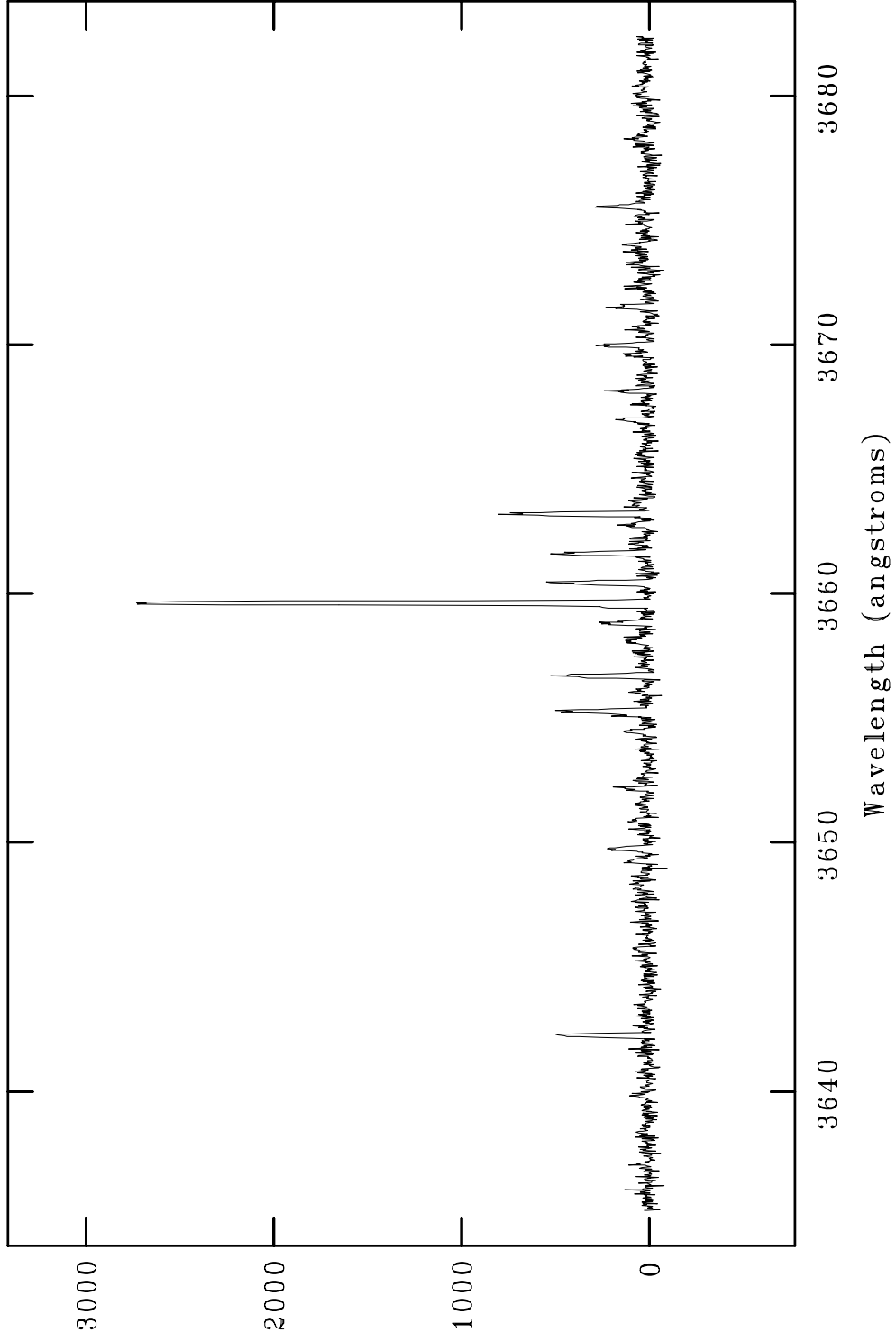
Eric Stempels

June 22, 2006

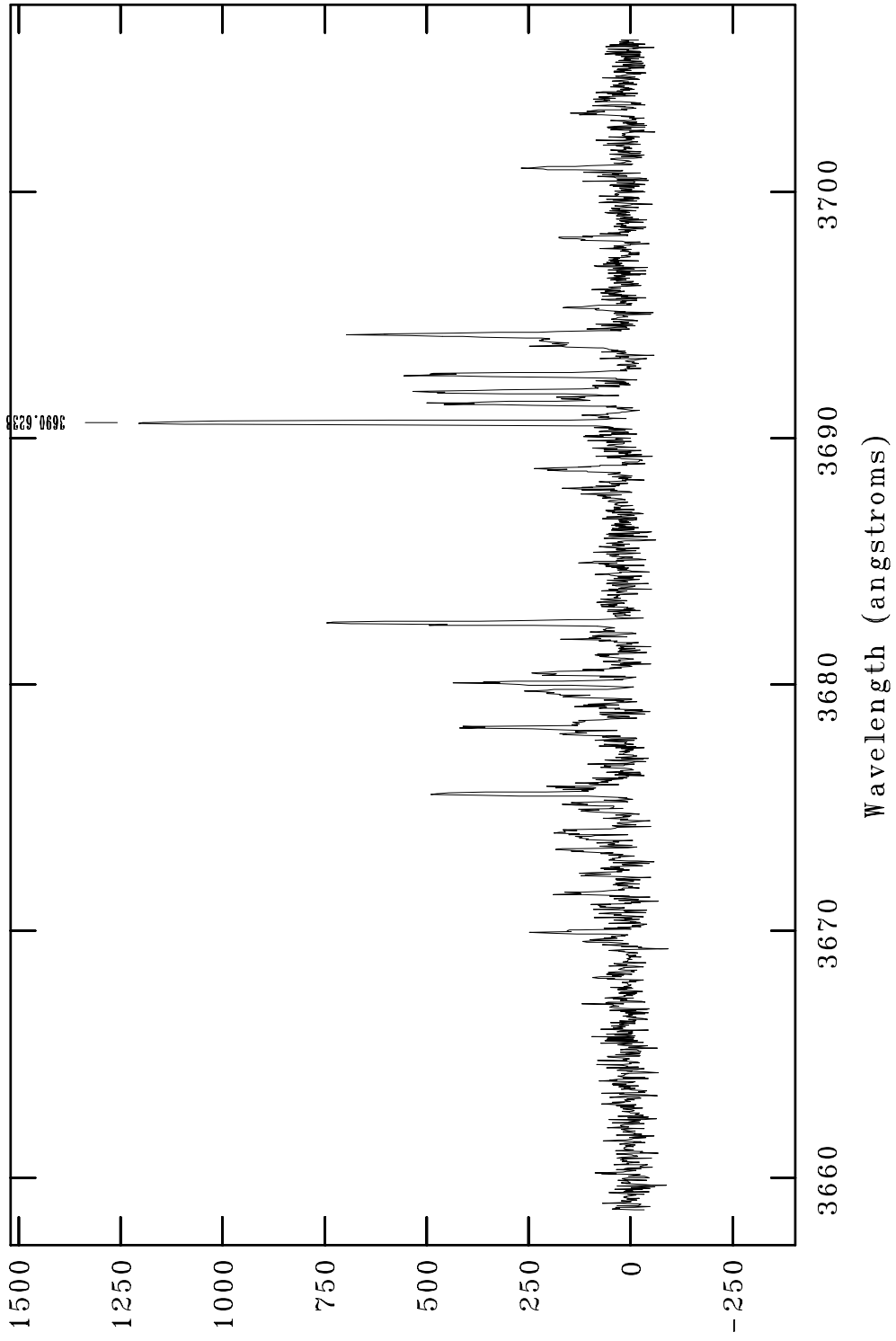
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:40:25 22-Jun-2006
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Echelle Dispersion Function Fitting



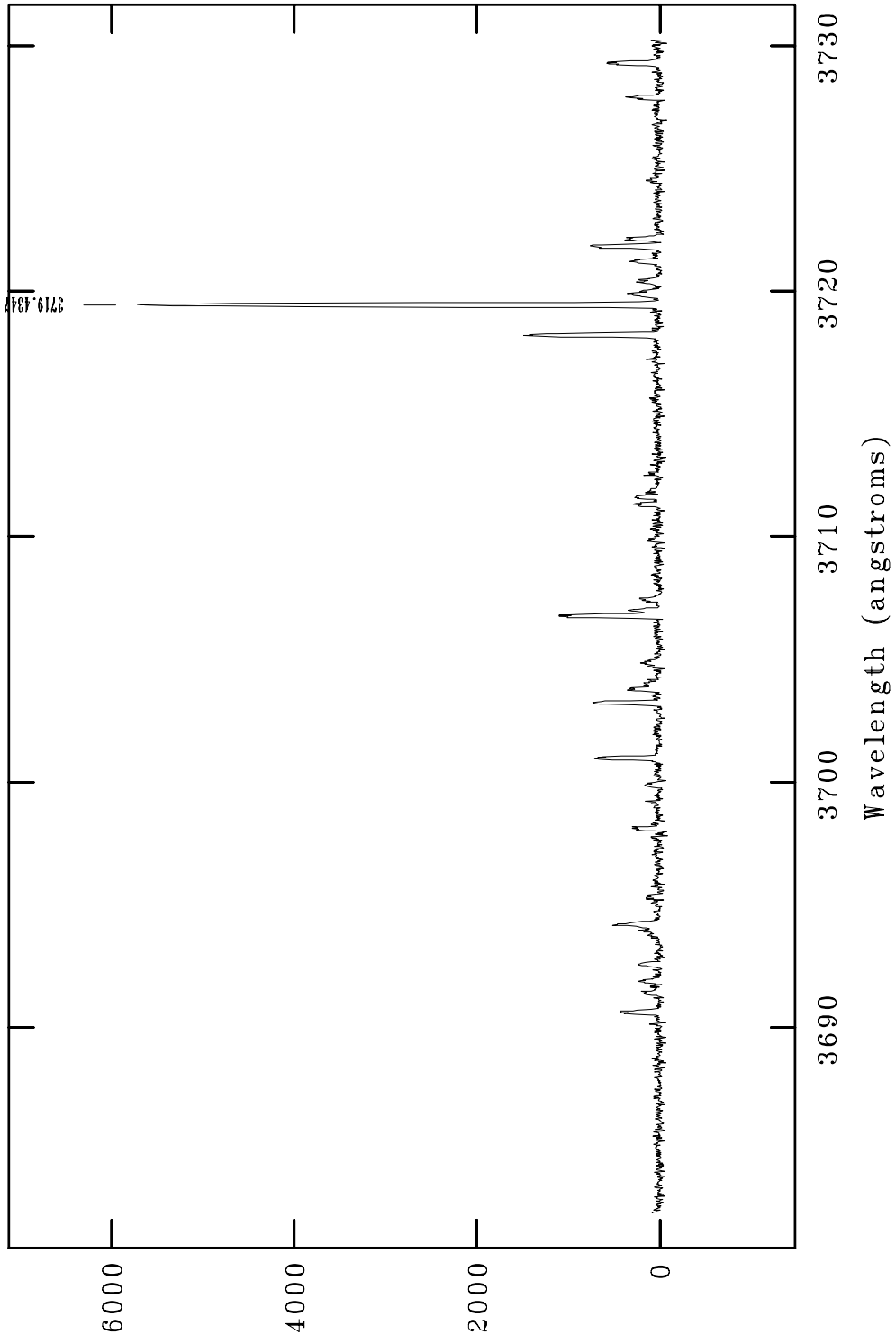
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:41:22 22-Jun-2006
Aperture 1, Image line 1, Order 156
ecidentify waveref: Wavelength reference



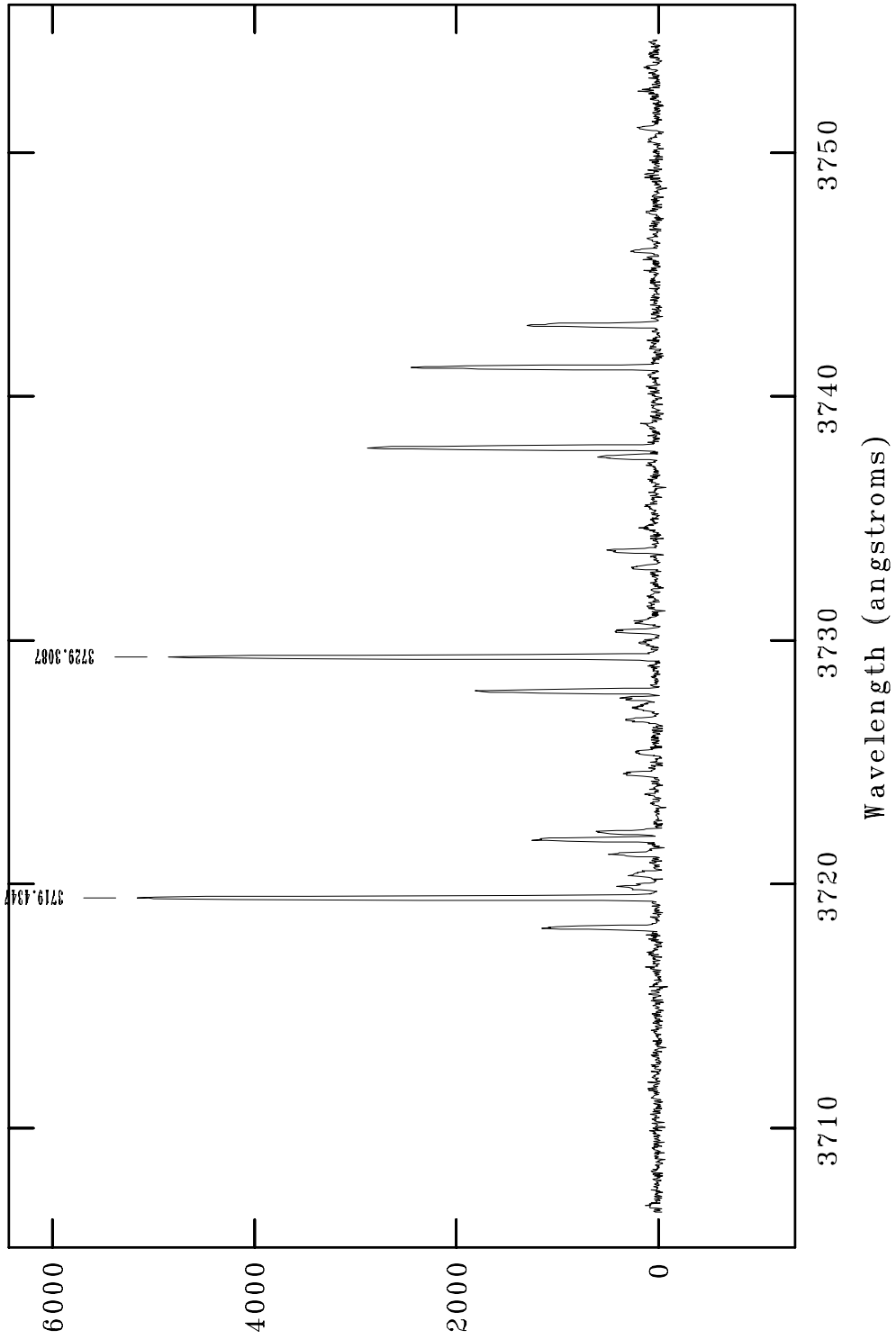
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:41:31 22-Jun-2006
Aperture 2, Image line 2, Order 155
ecidentify waveref: Wavelength reference



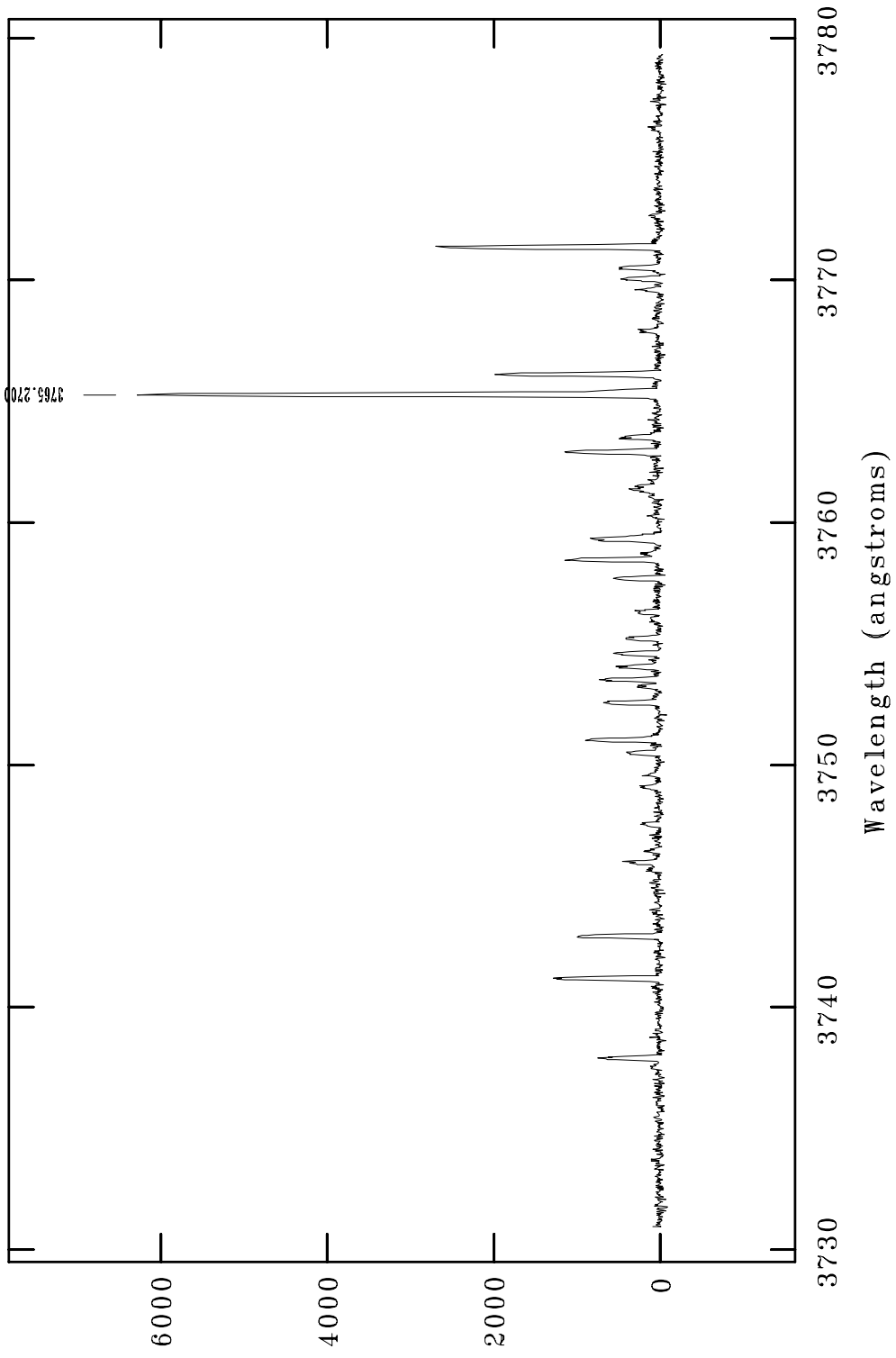
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:41:35 22-Jun-2006
Aperture 3, Image line 3, Order 154
ecidentify waveref: Wavelength reference



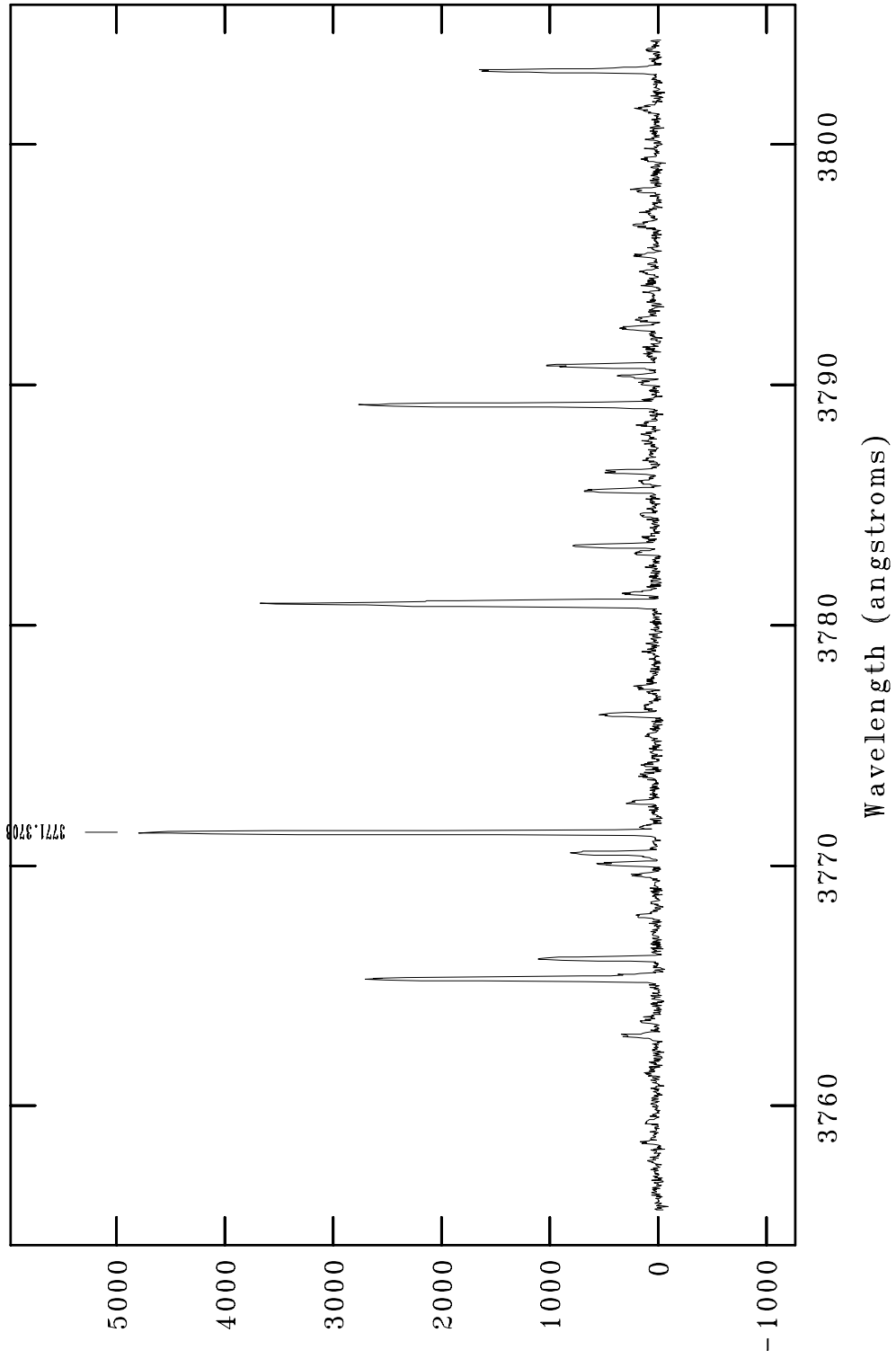
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:41:44 22-Jun-2006
Aperture 4, Image line 4, Order 153
ecidentify waveref: Wavelength reference



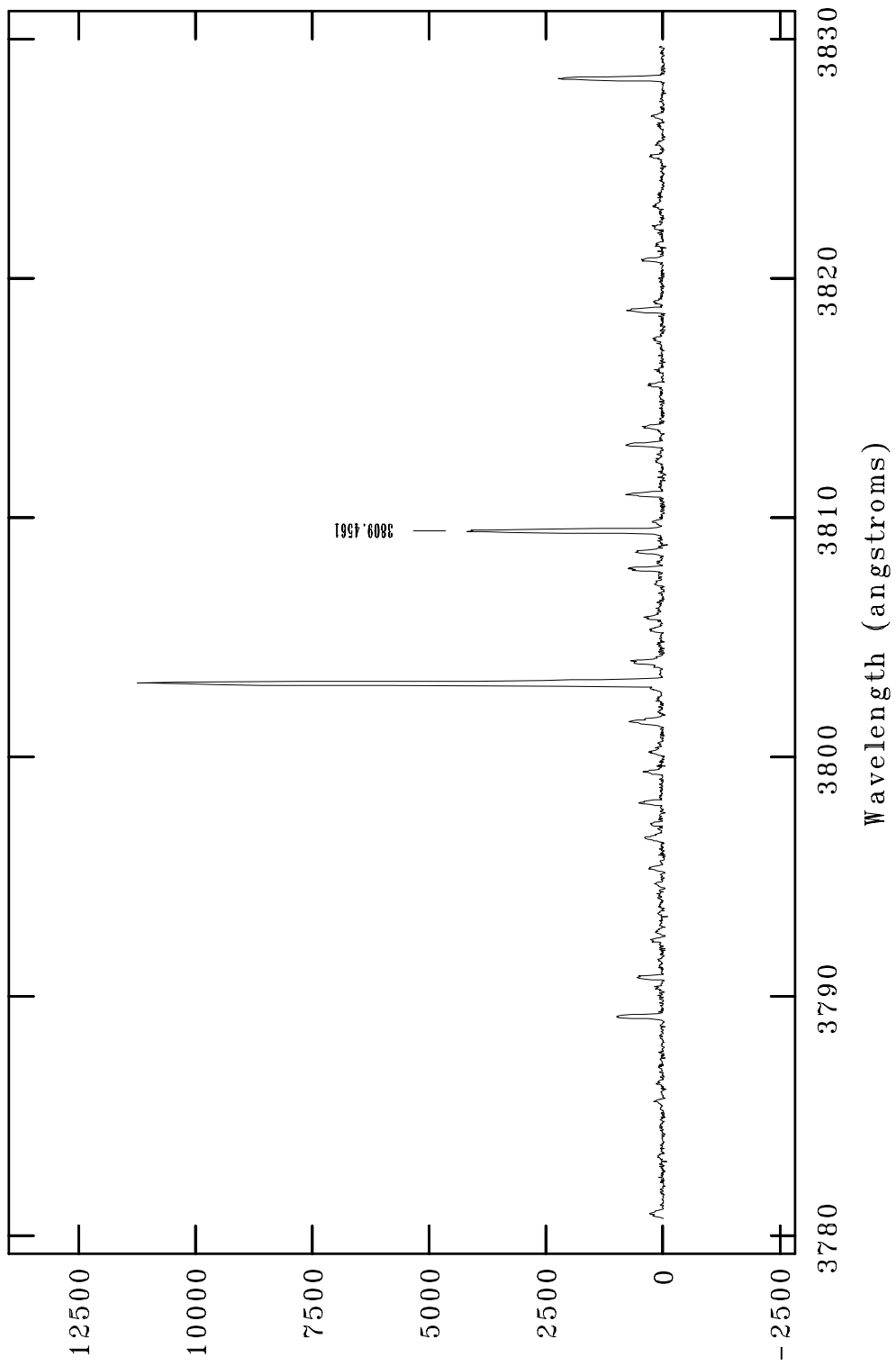
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:41:48 22-Jun-2006
Aperture 5, Image line 5, Order 152
ecidentify waveref: Wavelength reference



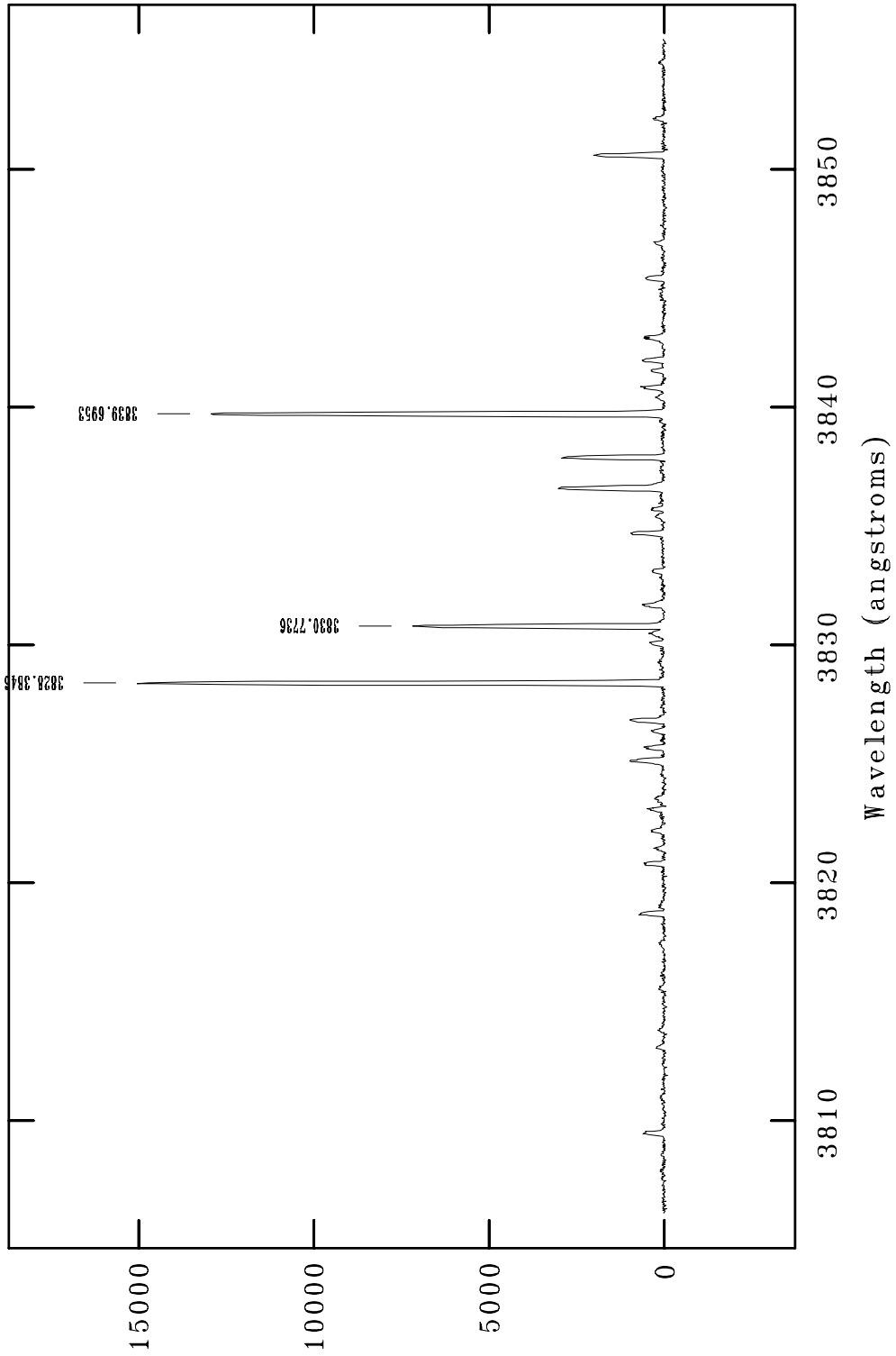
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:41:51 22-Jun-2006
Aperture 6, Image line 6, Order 151
eidentify waveref: Wavelength reference



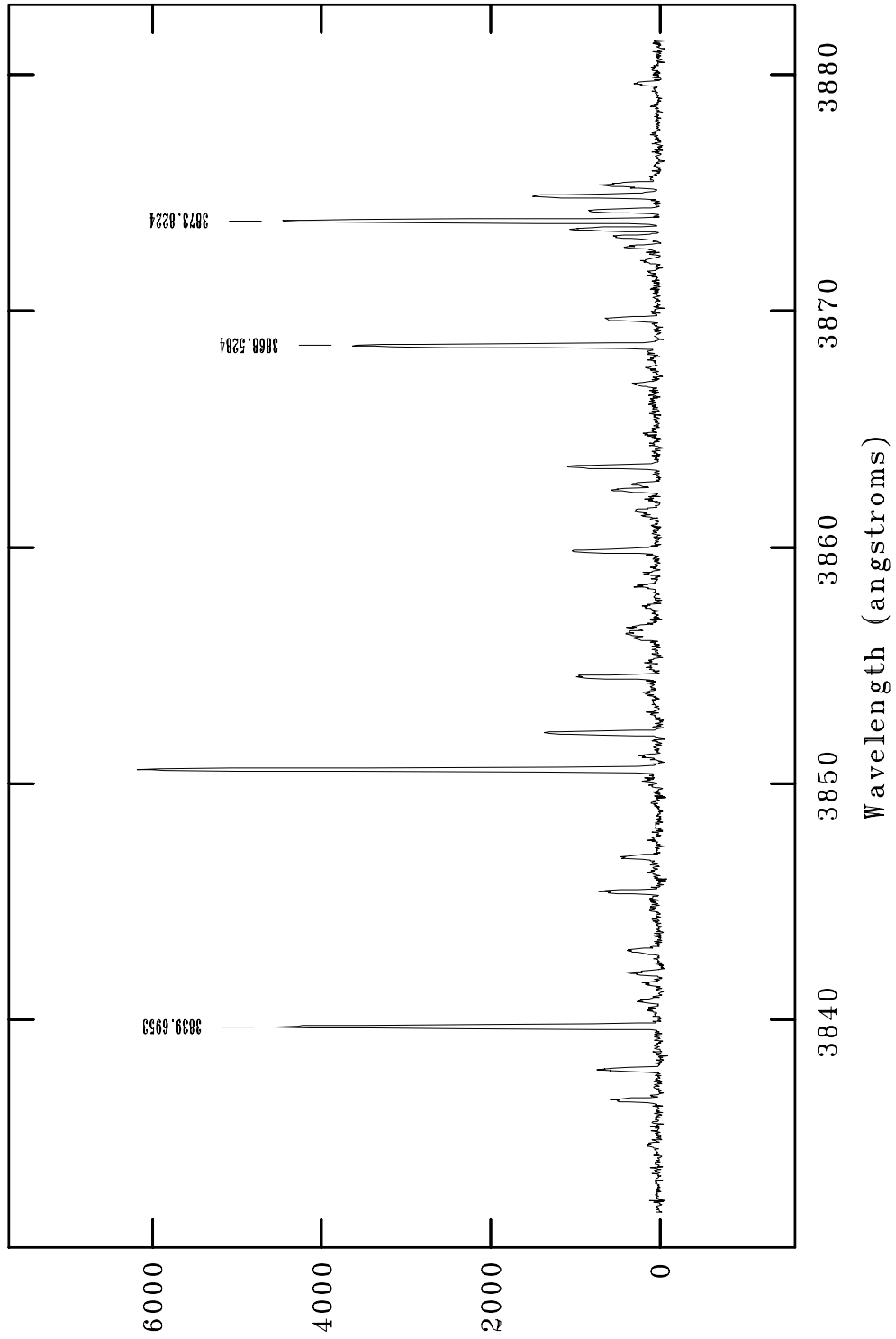
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:41:55 22-Jun-2006
Aperture 7, Image line 7, Order 150
ecidentify waveref: Wavelength reference



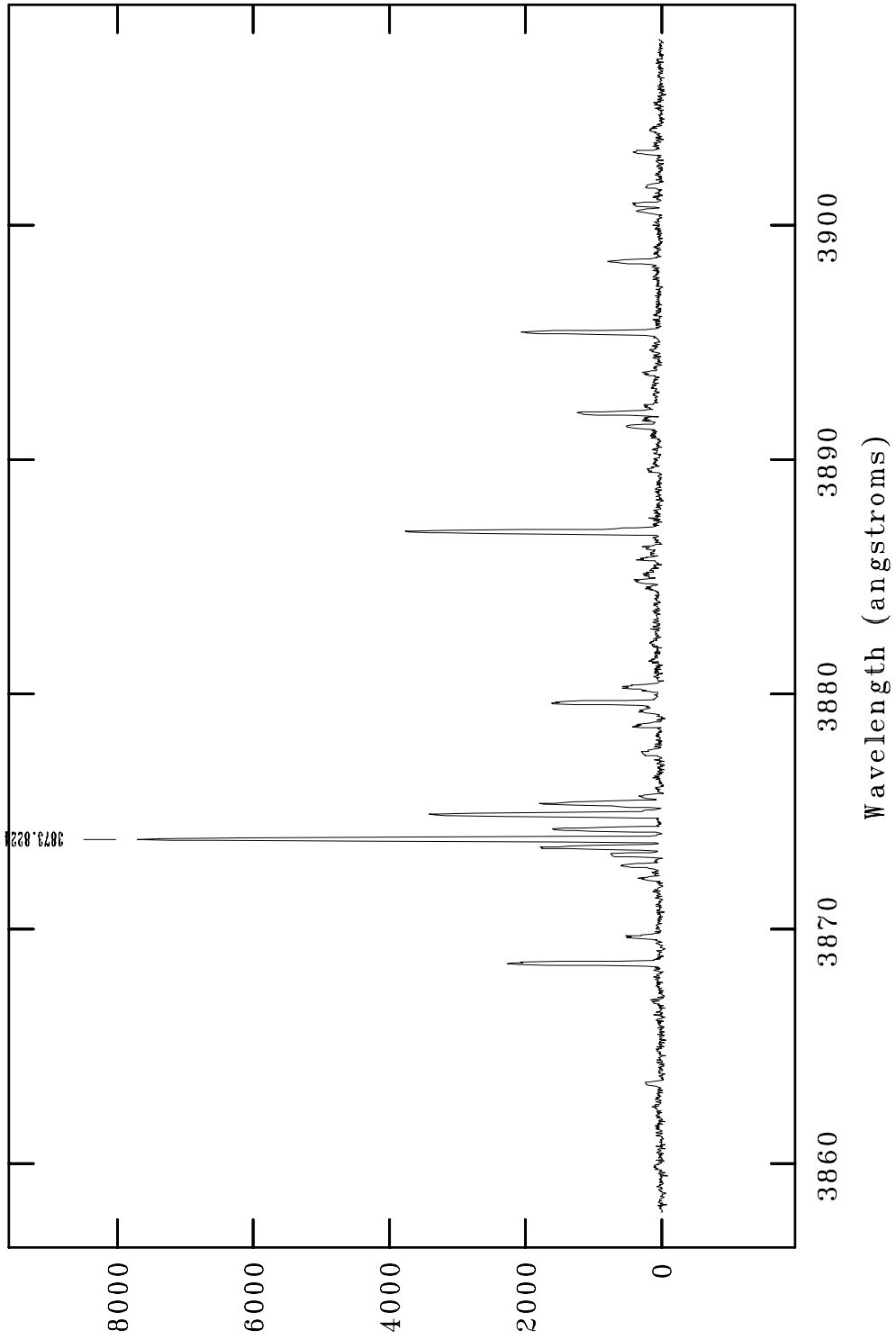
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:41:58 22-Jun-2006
Aperture 8, Image line 8, Order 149
ecidentify waveref: Wavelength reference



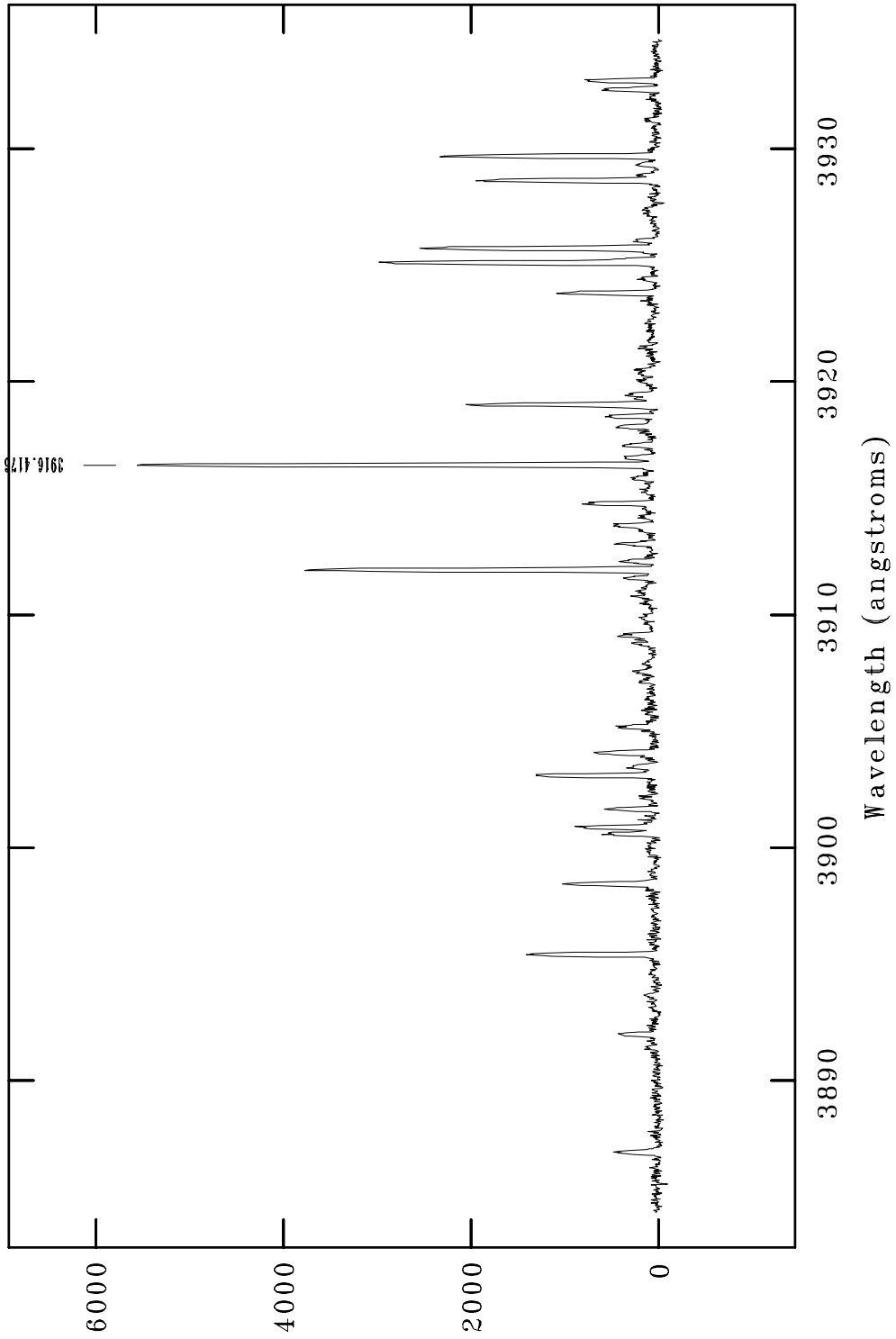
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:42:02 22-Jun-2006
Aperture 9, Image line 9, Order 148
ecidentify waveref: Wavelength reference



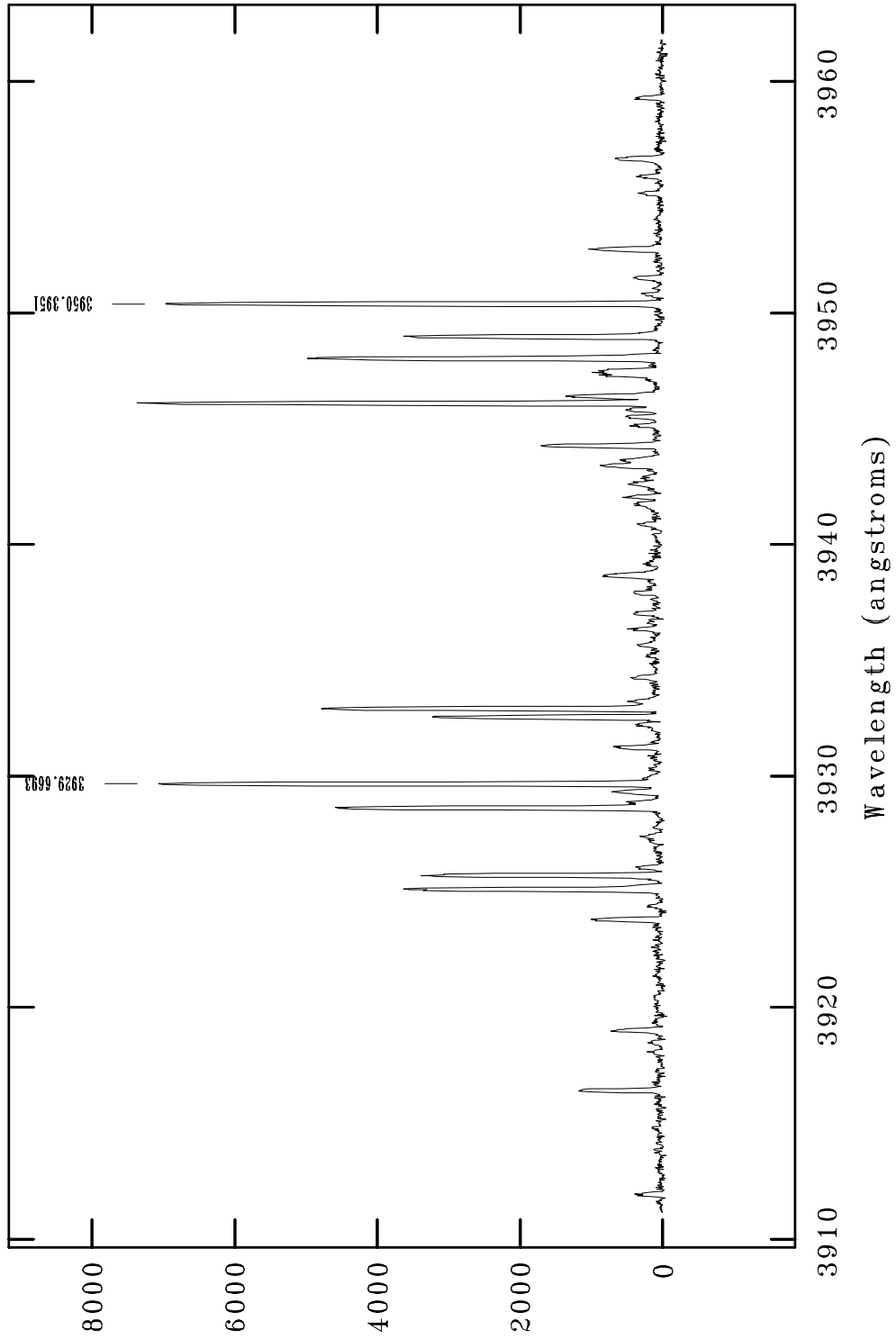
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:42:06 22-Jun-2006
Aperture 10, Image line 10, Order 147
ecidentify waveref: Wavelength reference



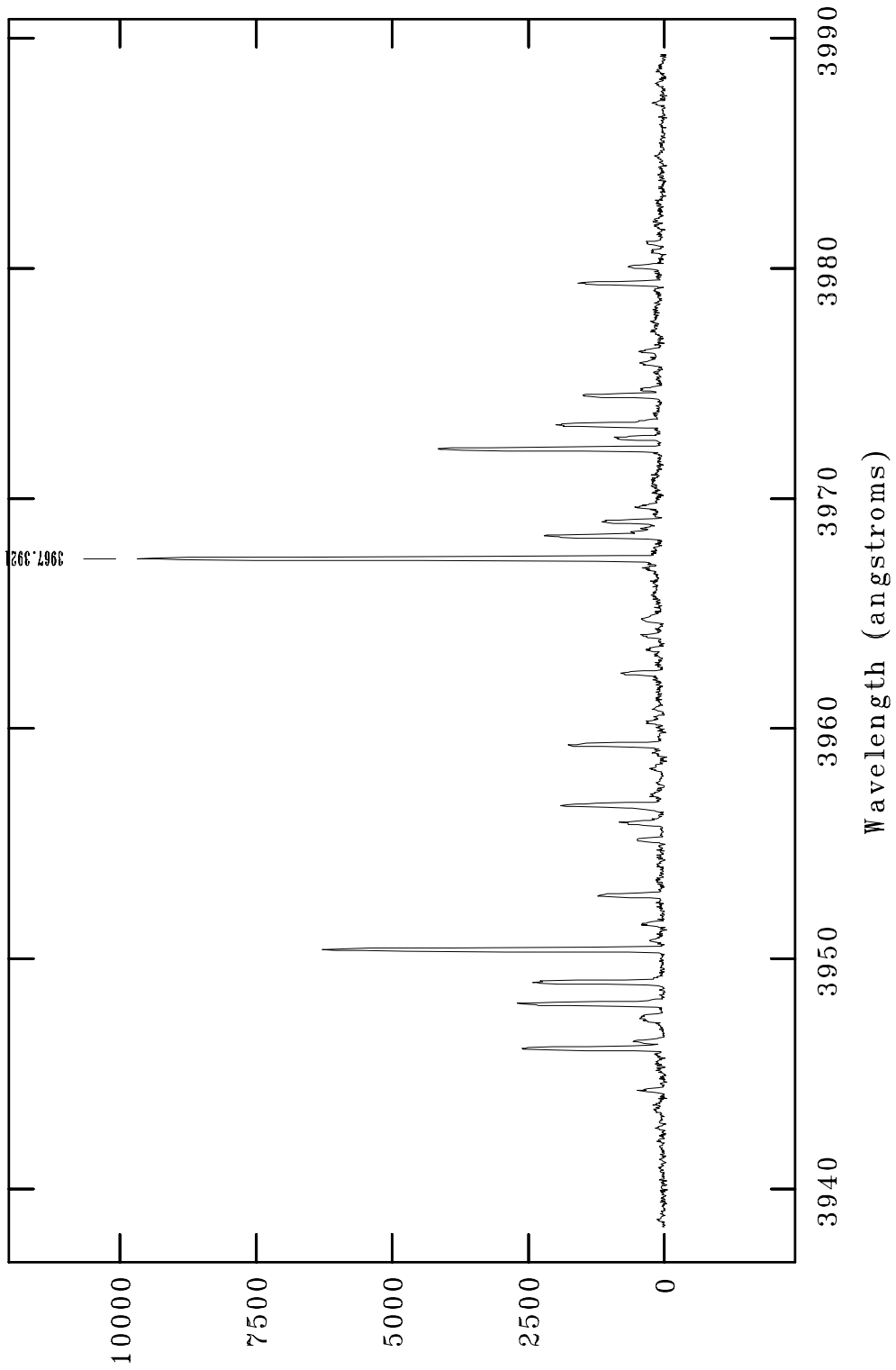
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:42:09 22-Jun-2006
Aperture 11, Image line 11, Order 146
ecidentify waveref: Wavelength reference



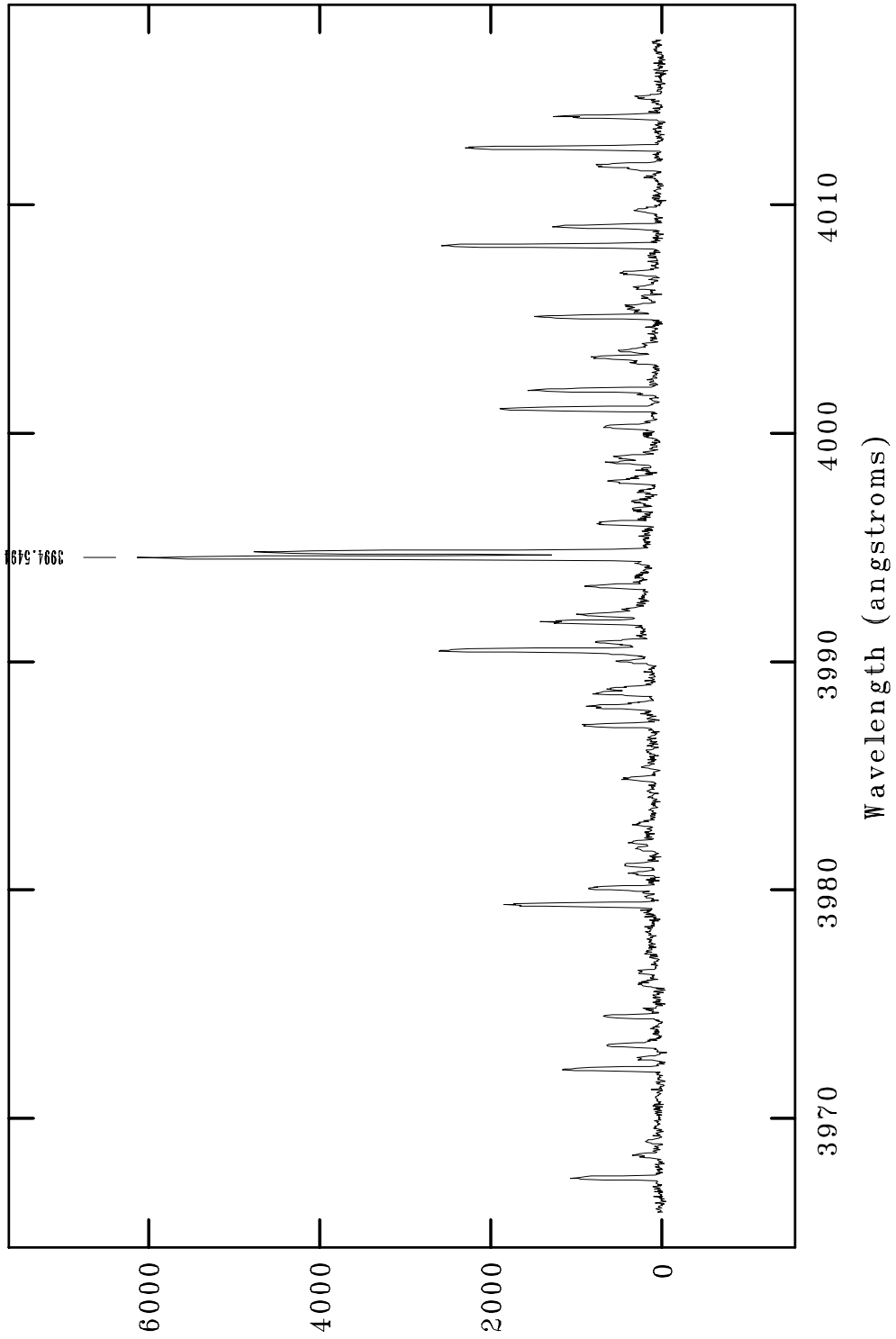
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:42:12 22-Jun-2006
Aperture 12, Image line 12, Order 145
ecidentify waveref: Wavelength reference



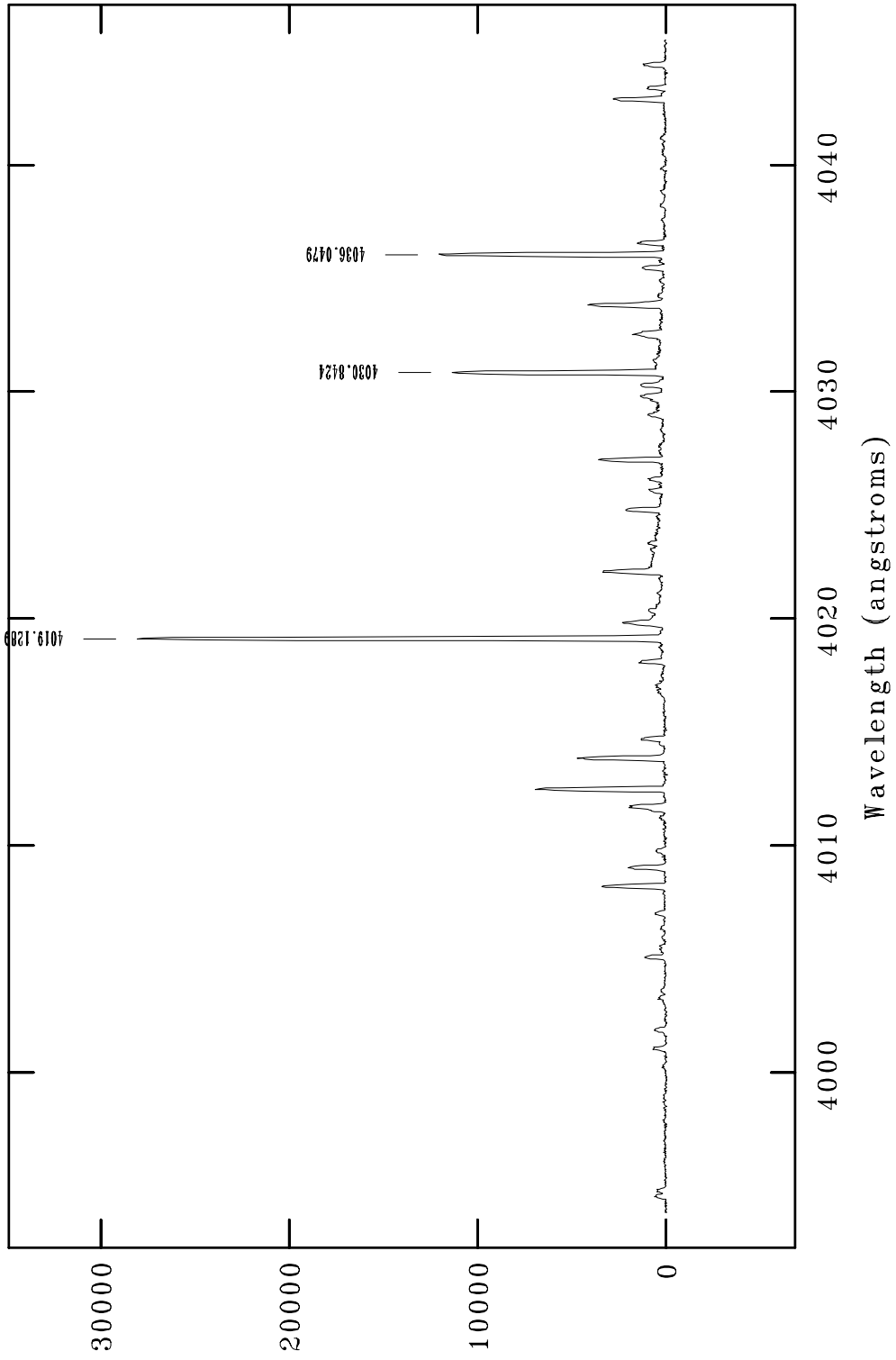
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:42:15 22-Jun-2006
Aperture 13, Image line 13, Order 144
ecidentify waveref: Wavelength reference



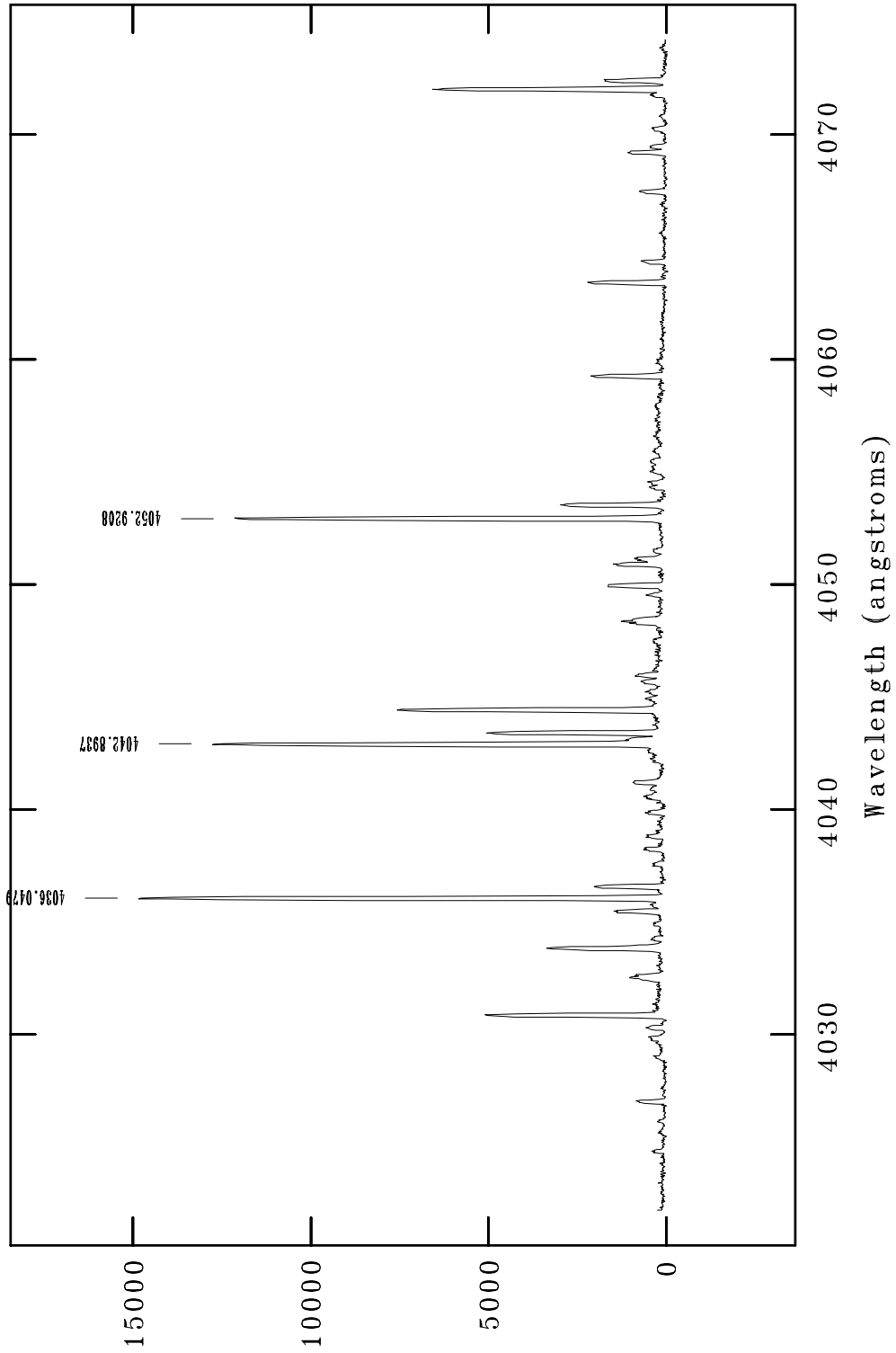
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:42:18 22-Jun-2006
Aperture 14, Image line 14, Order 143
ecidentify waveref: Wavelength reference



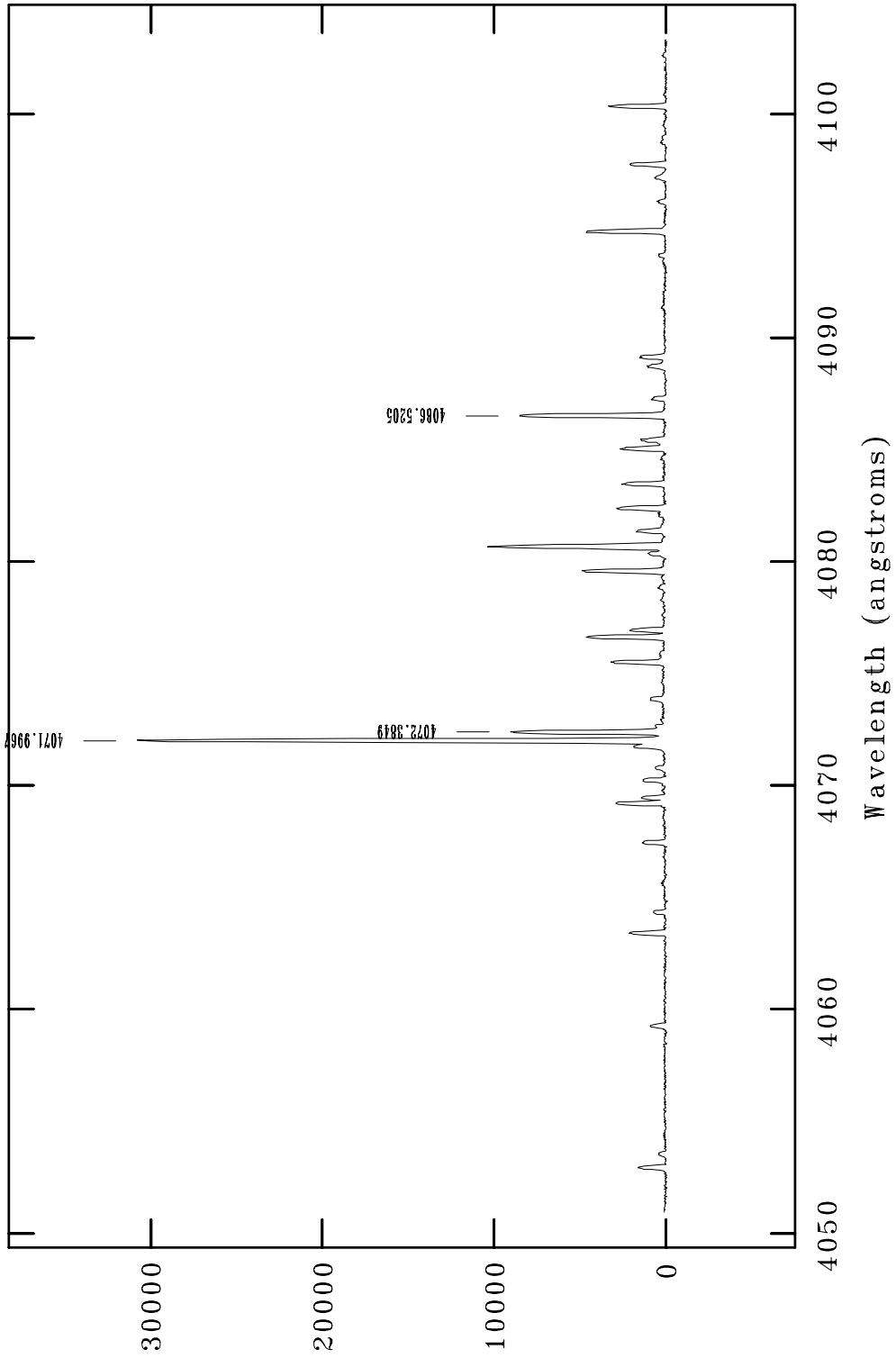
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:42:25 22-Jun-2006
Aperture 15, Image line 15, Order 142
ecidentify waveref: Wavelength reference



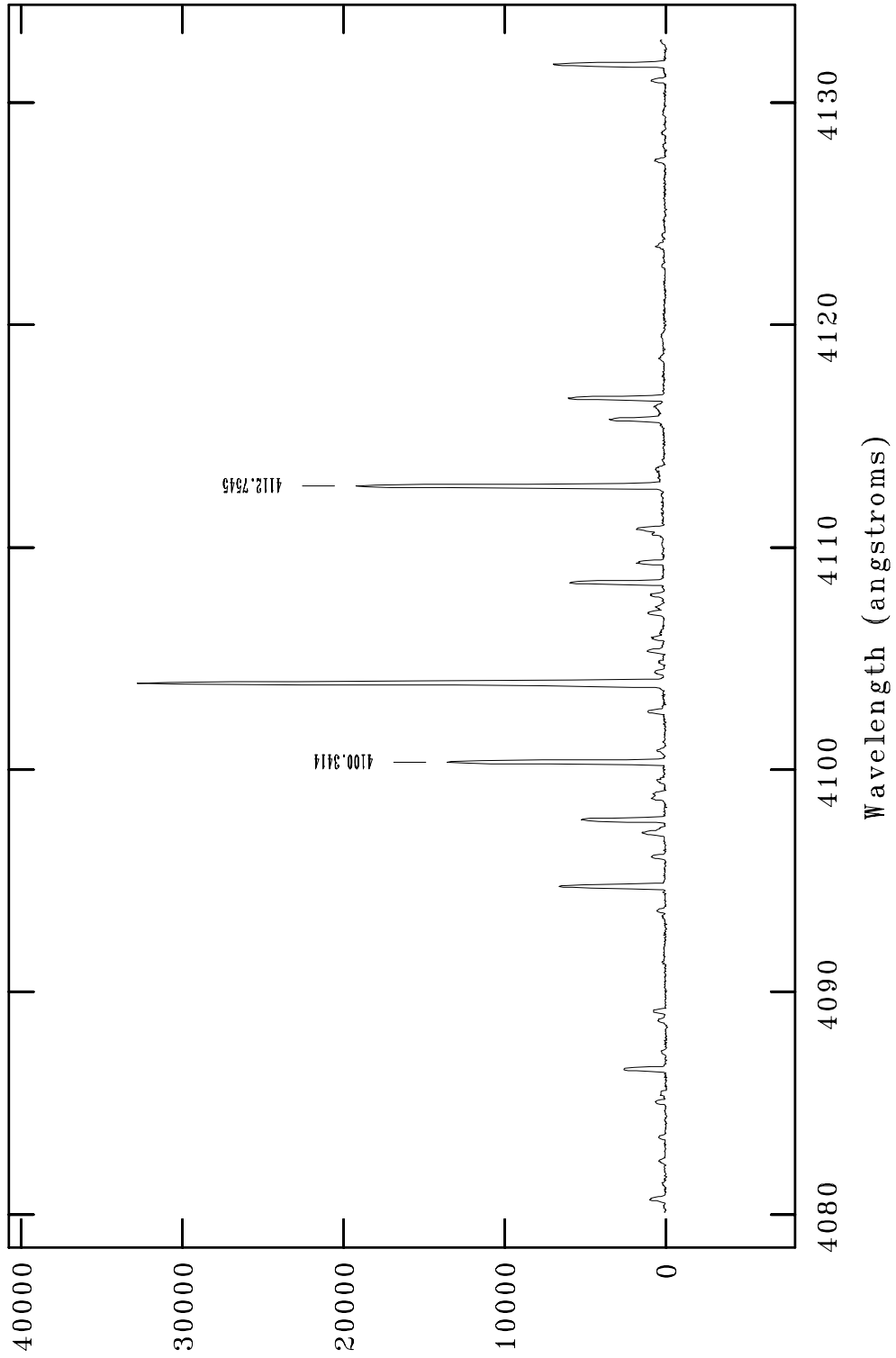
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:42:28 22-Jun-2006
Aperture 16, Image line 16, Order 141
eidentify waveref: Wavelength reference



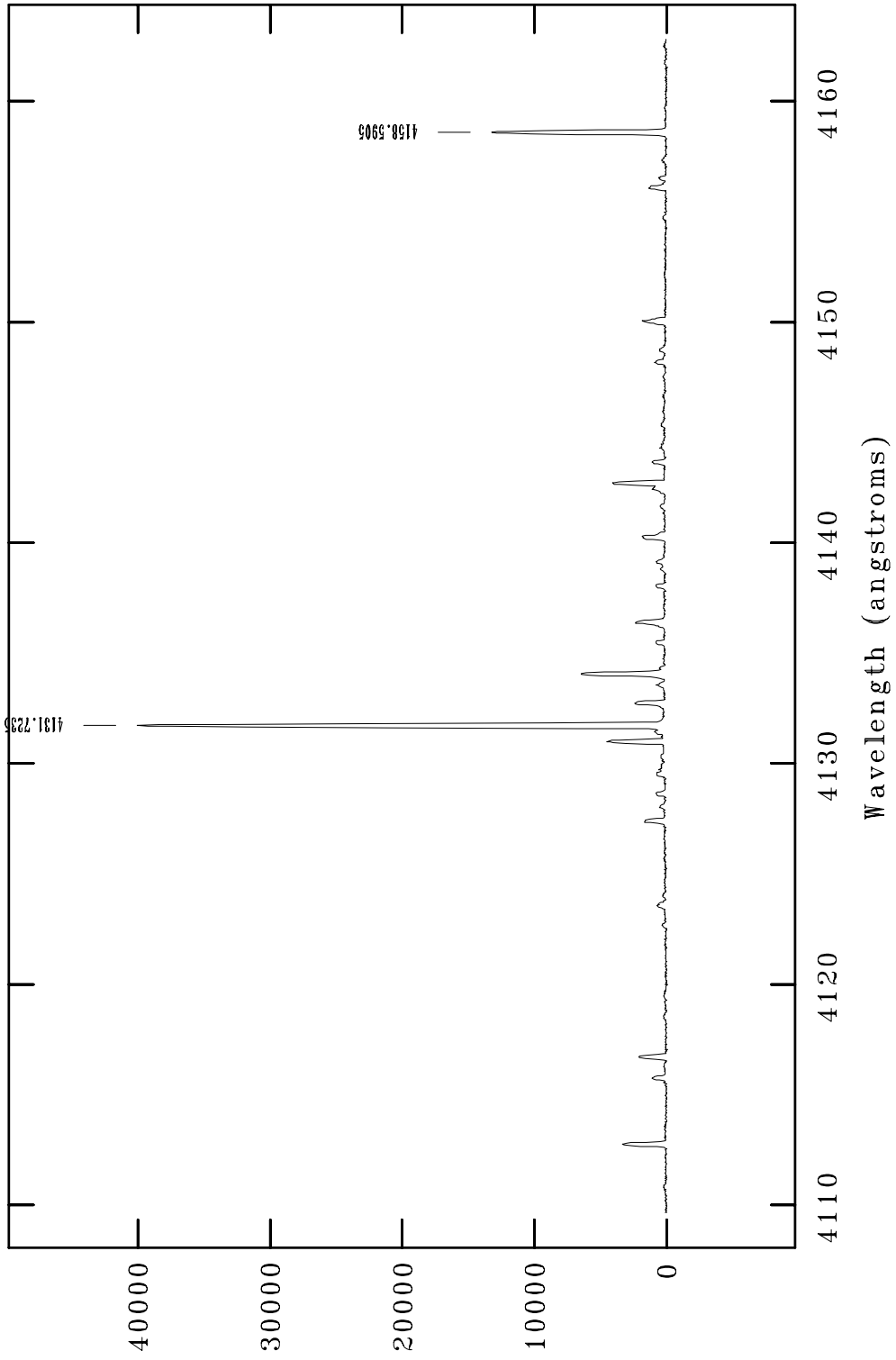
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:42:31 22-Jun-2006
Aperture 17, Image line 17, Order 140
ecidentify waveref: Wavelength reference



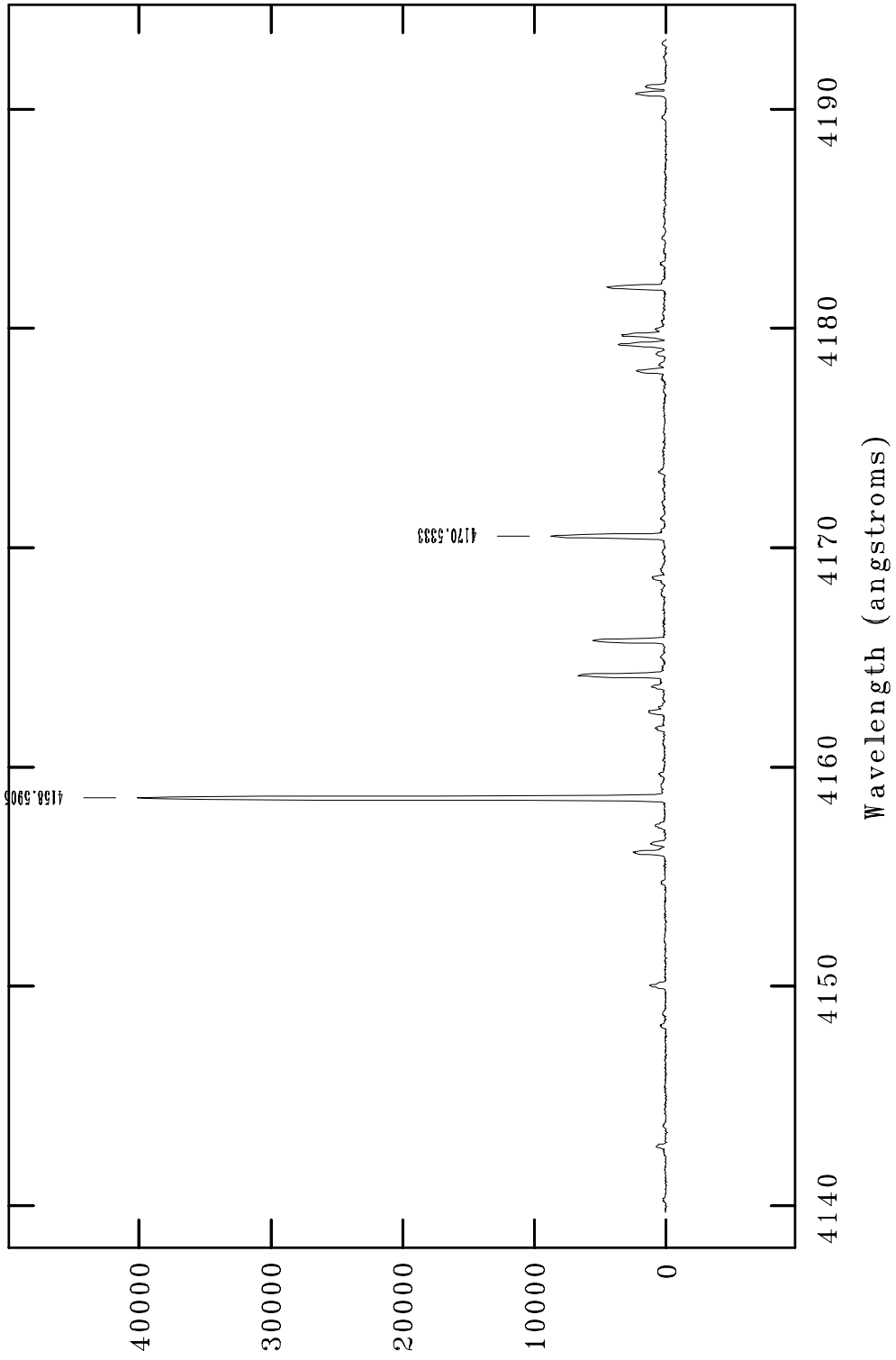
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:42:34 22-Jun-2006
Aperture 18, Image line 18, Order 139
ecidentify waveref: Wavelength reference



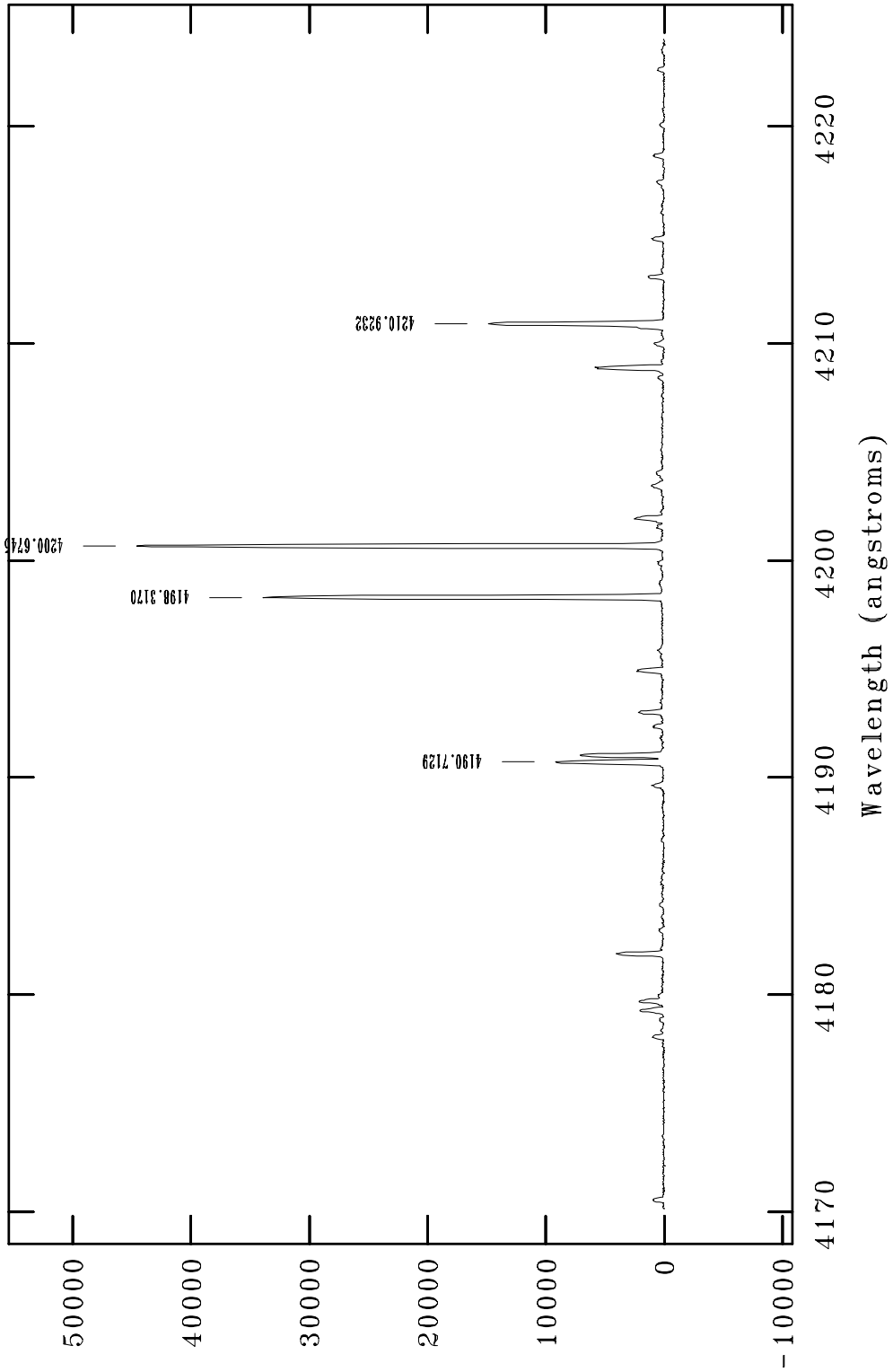
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:42:37 22-Jun-2006
Aperture 19, Image line 19, Order 138
ecidentify waveref: Wavelength reference



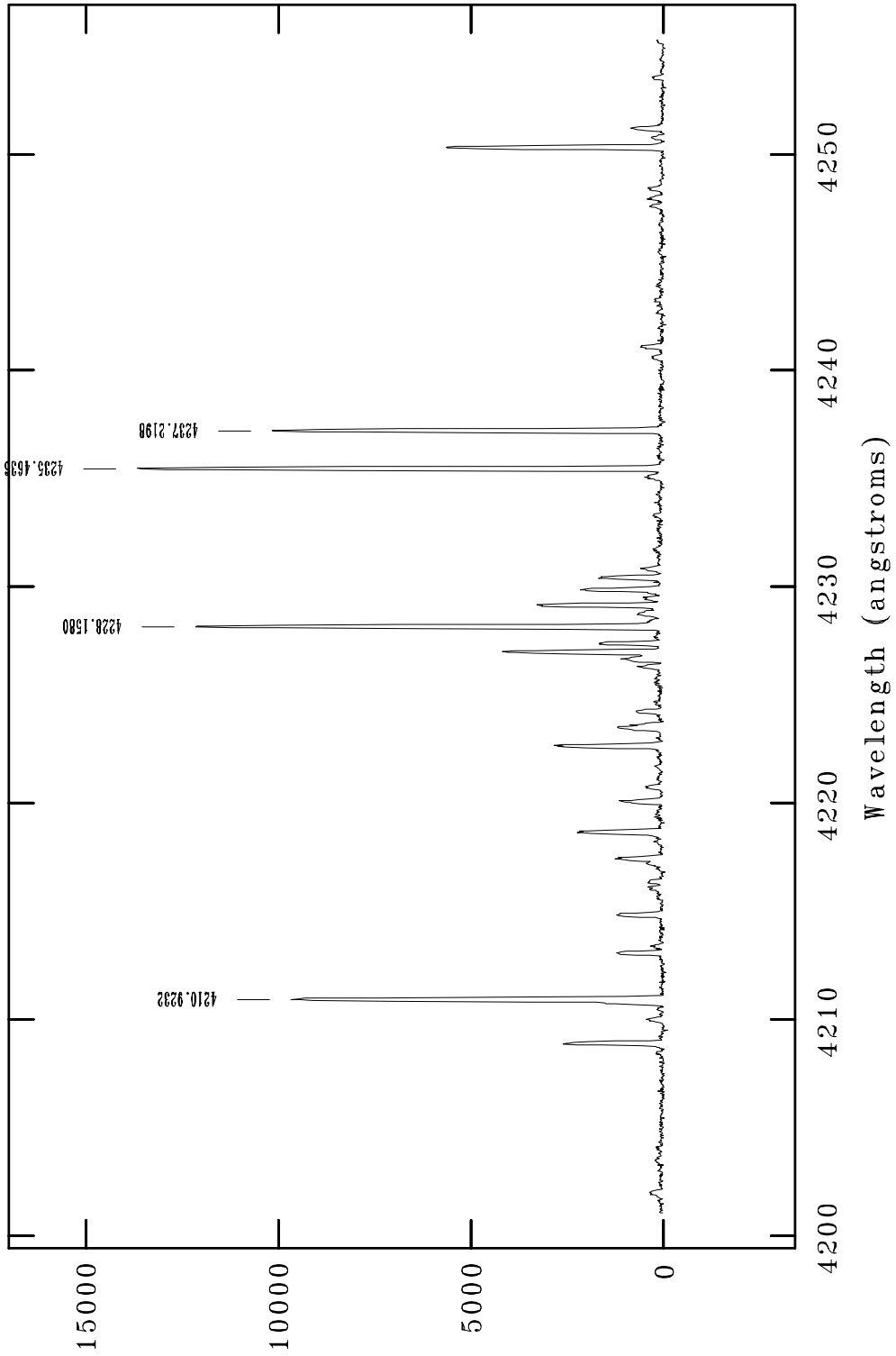
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:42:41 22-Jun-2006
Aperture 20, Image line 20, Order 137
ecidentify waveref: Wavelength reference



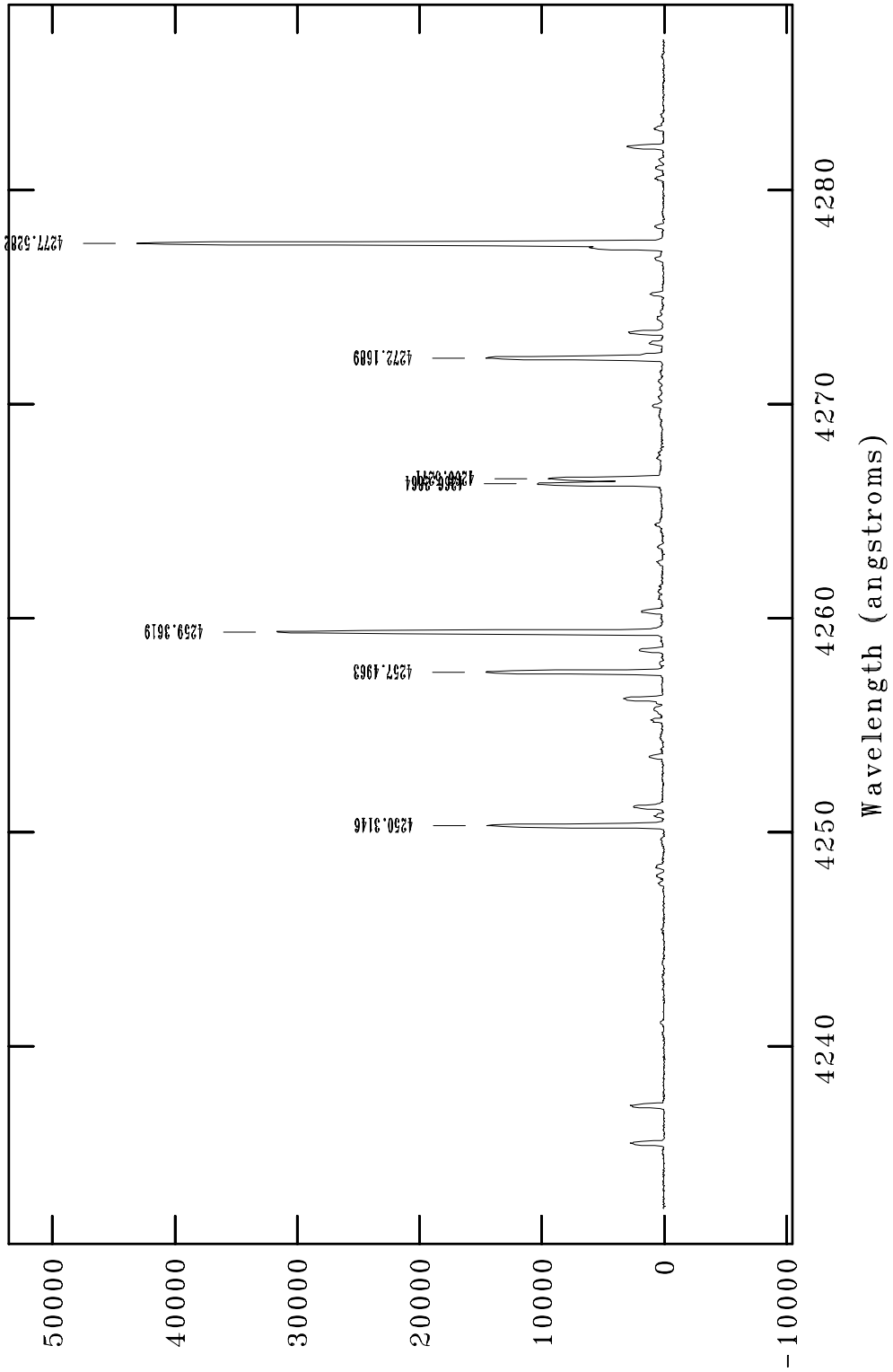
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:42:45 22-Jun-2006
Aperture 21, Image line 21, Order 136
ecidentify waveref: Wavelength reference



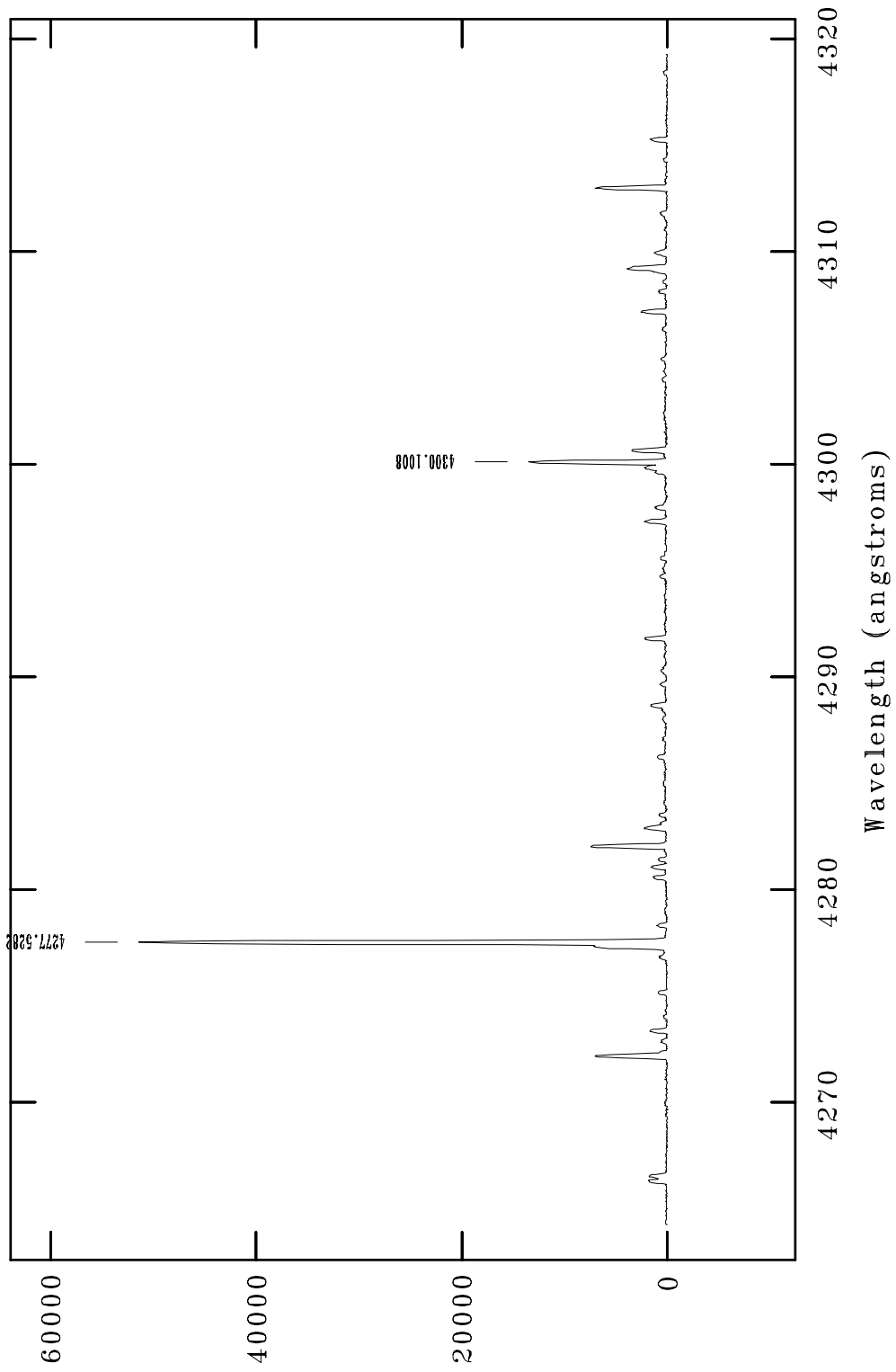
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:42:49 22-Jun-2006
Aperture 22, Image line 22, Order 135
identify waveref: Wavelength reference



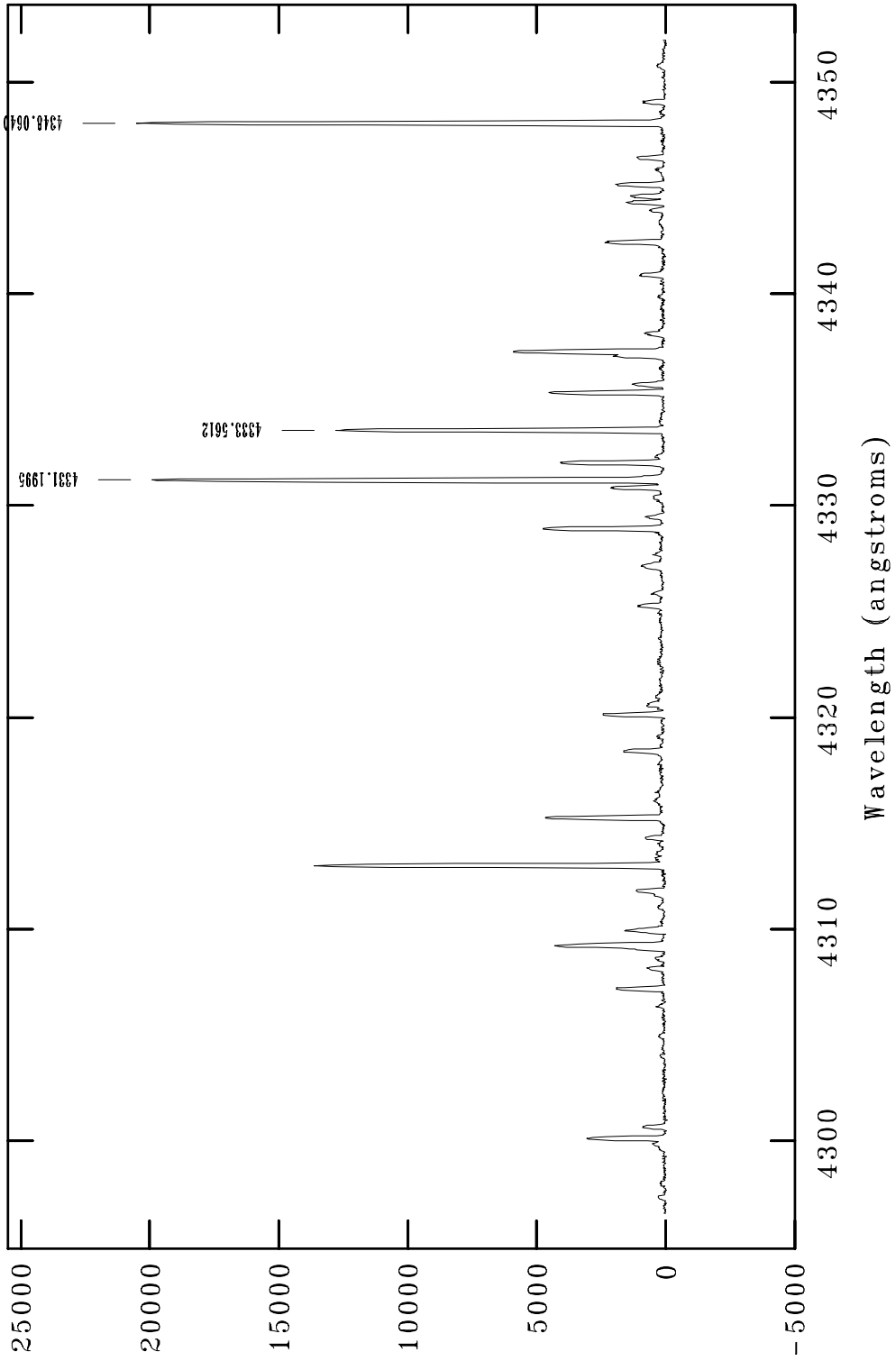
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:42:54 22-Jun-2006
Aperture 23, Image line 23, Order 134
ecidentify waveref: Wavelength reference



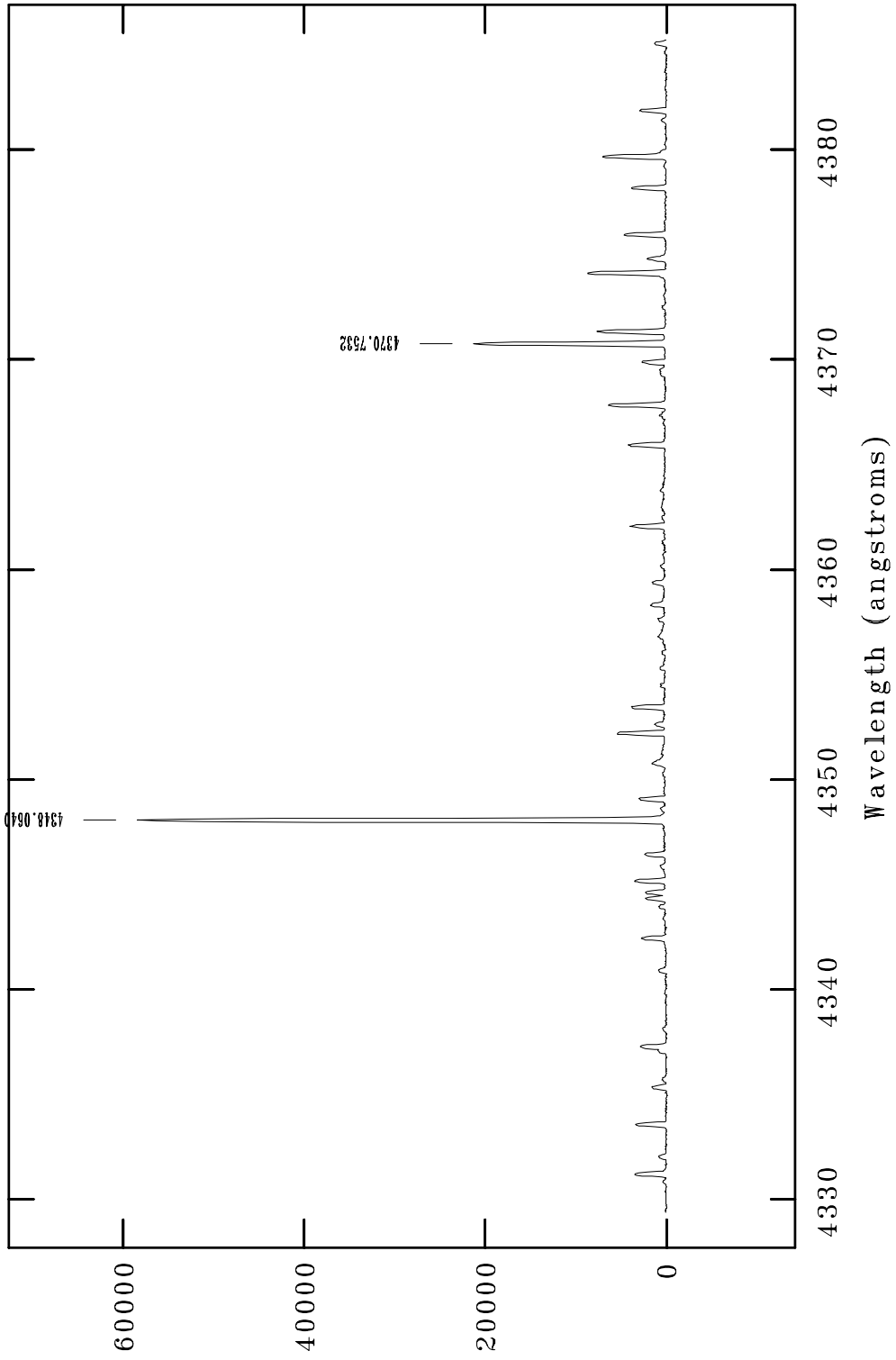
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:42:58 22-Jun-2006
Aperture 24, Image line 24, Order 133
ecidentify waveref: Wavelength reference



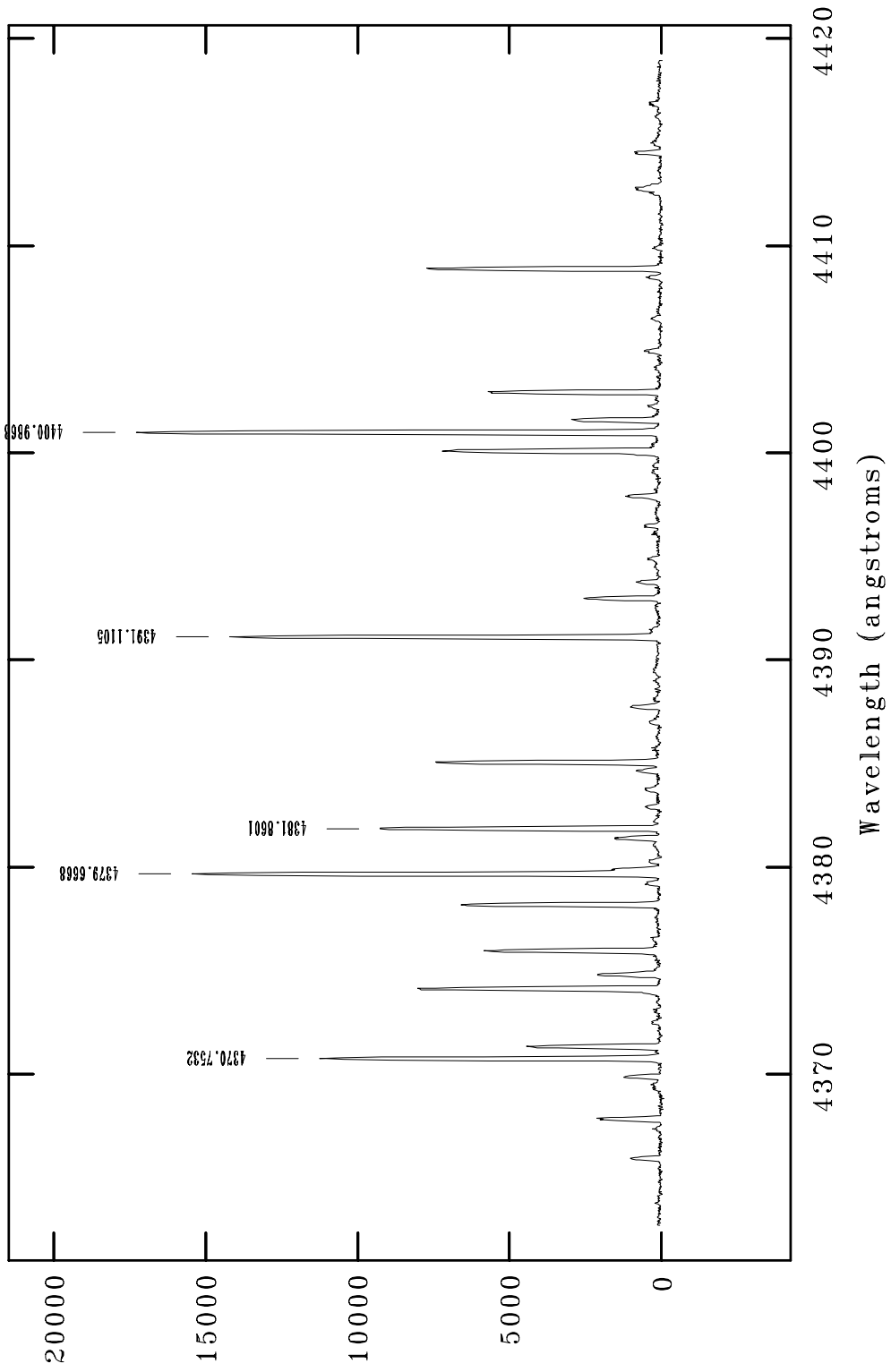
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:43:02 22-Jun-2006
Aperture 25, Image line 25, Order 132
ecidentify waveref: Wavelength reference



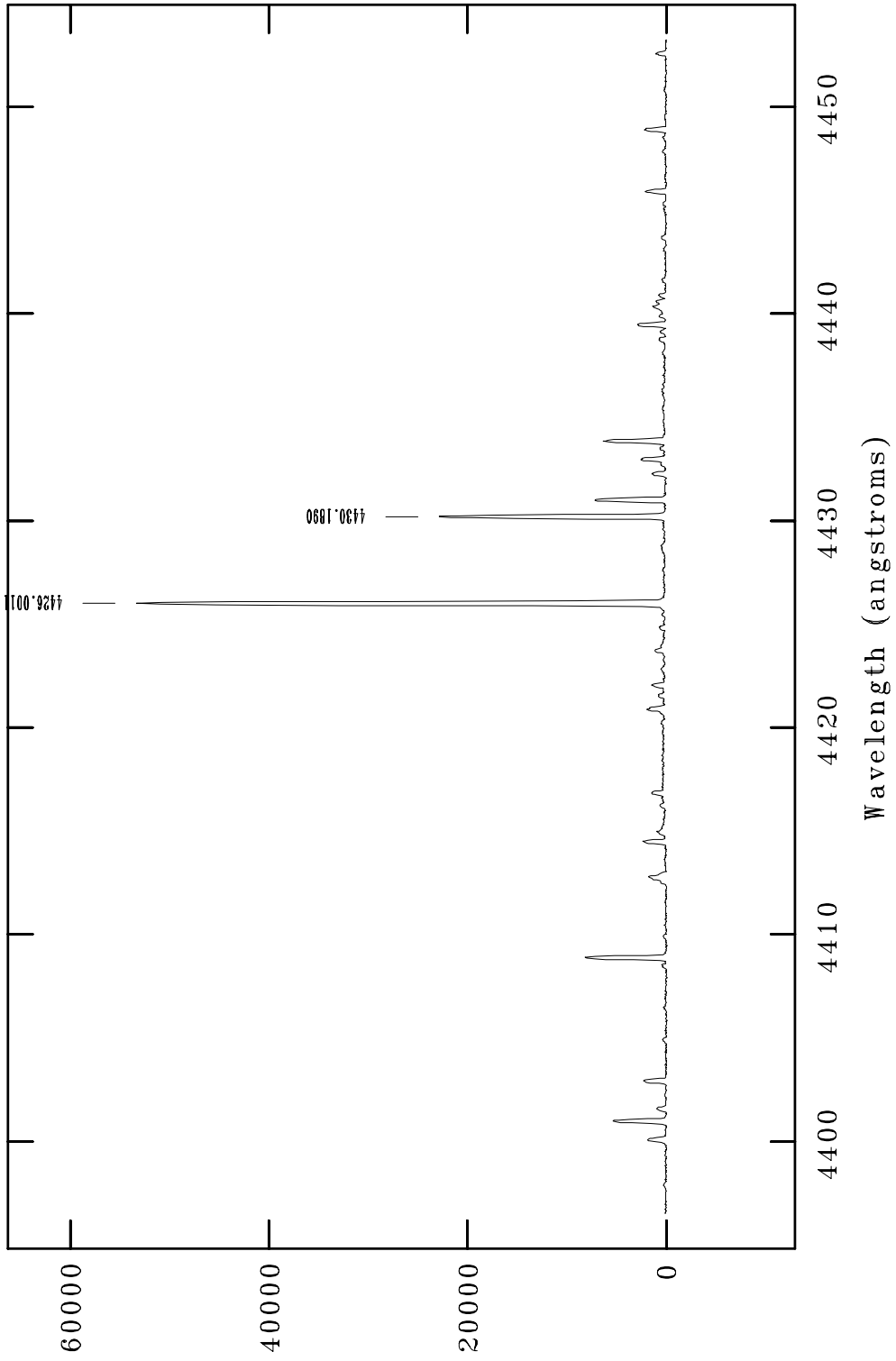
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:43:05 22-Jun-2006
Aperture 26, Image line 26, Order 131
ecidentify waveref: Wavelength reference



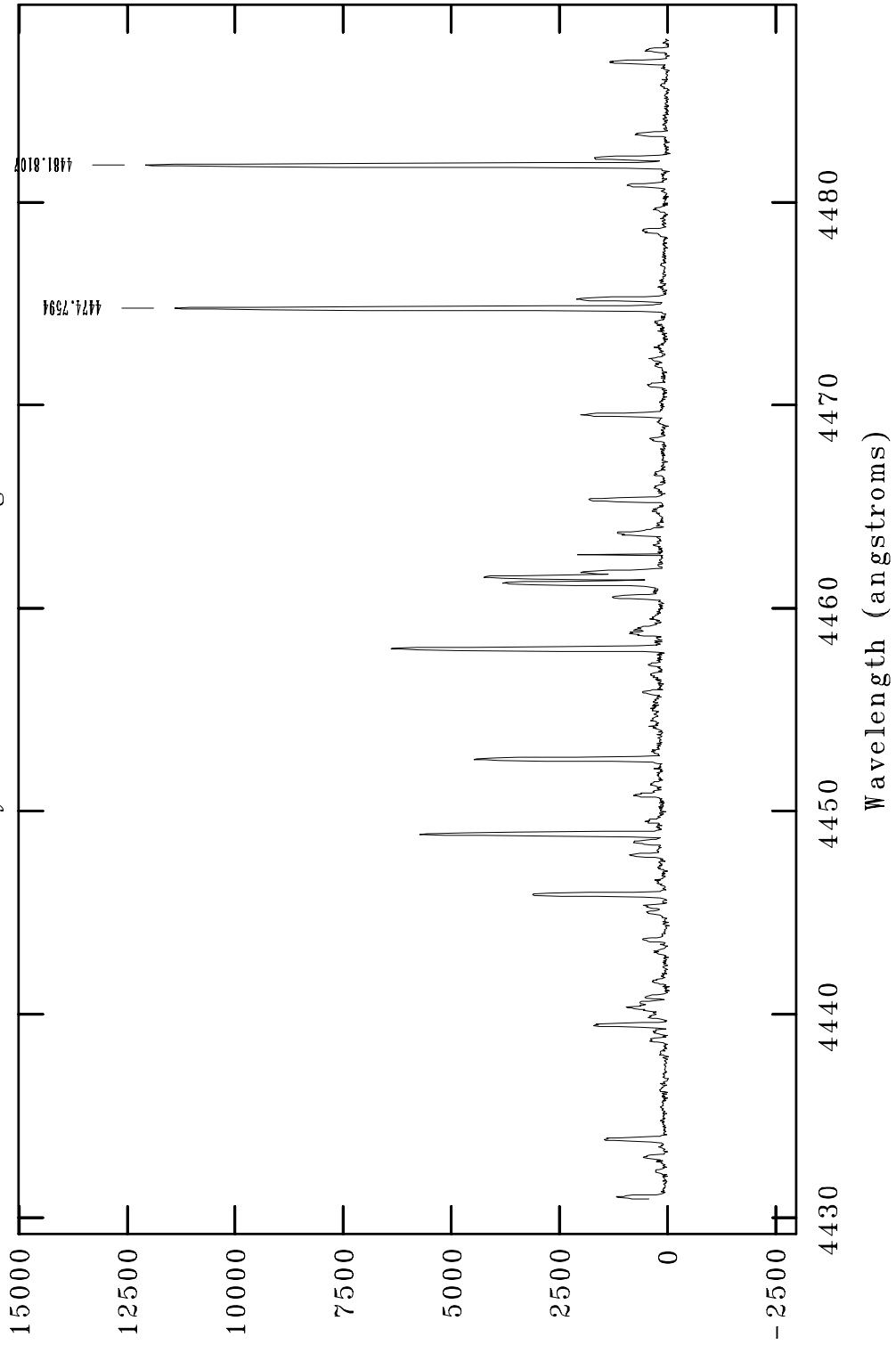
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:43:07 22-Jun-2006
Aperture 27, Image line 27, Order 130
eidentify waveref: Wavelength reference



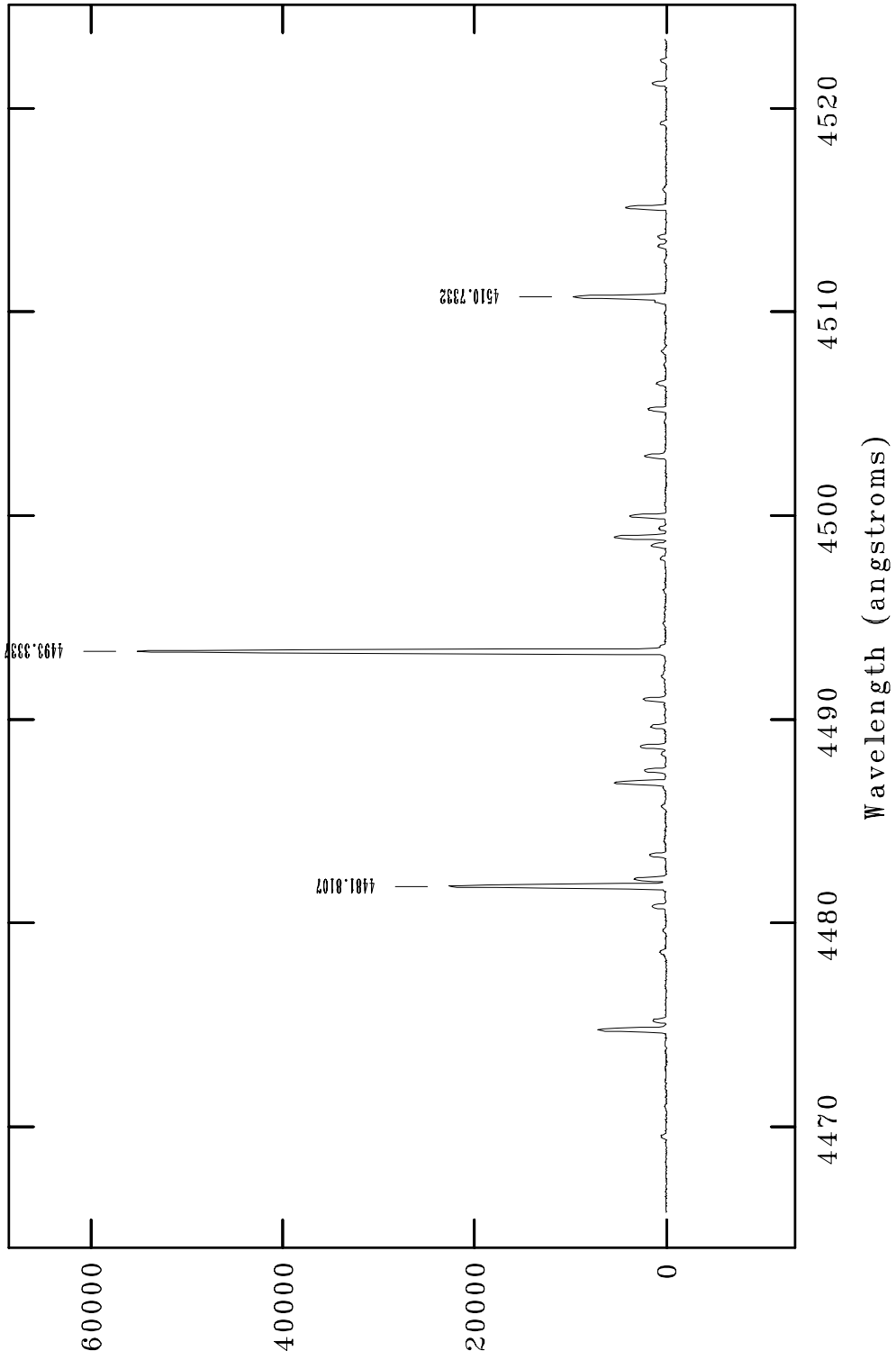
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:43:18 22-Jun-2006
Aperture 28, Image line 28, Order 129
ecidentify waveref: Wavelength reference



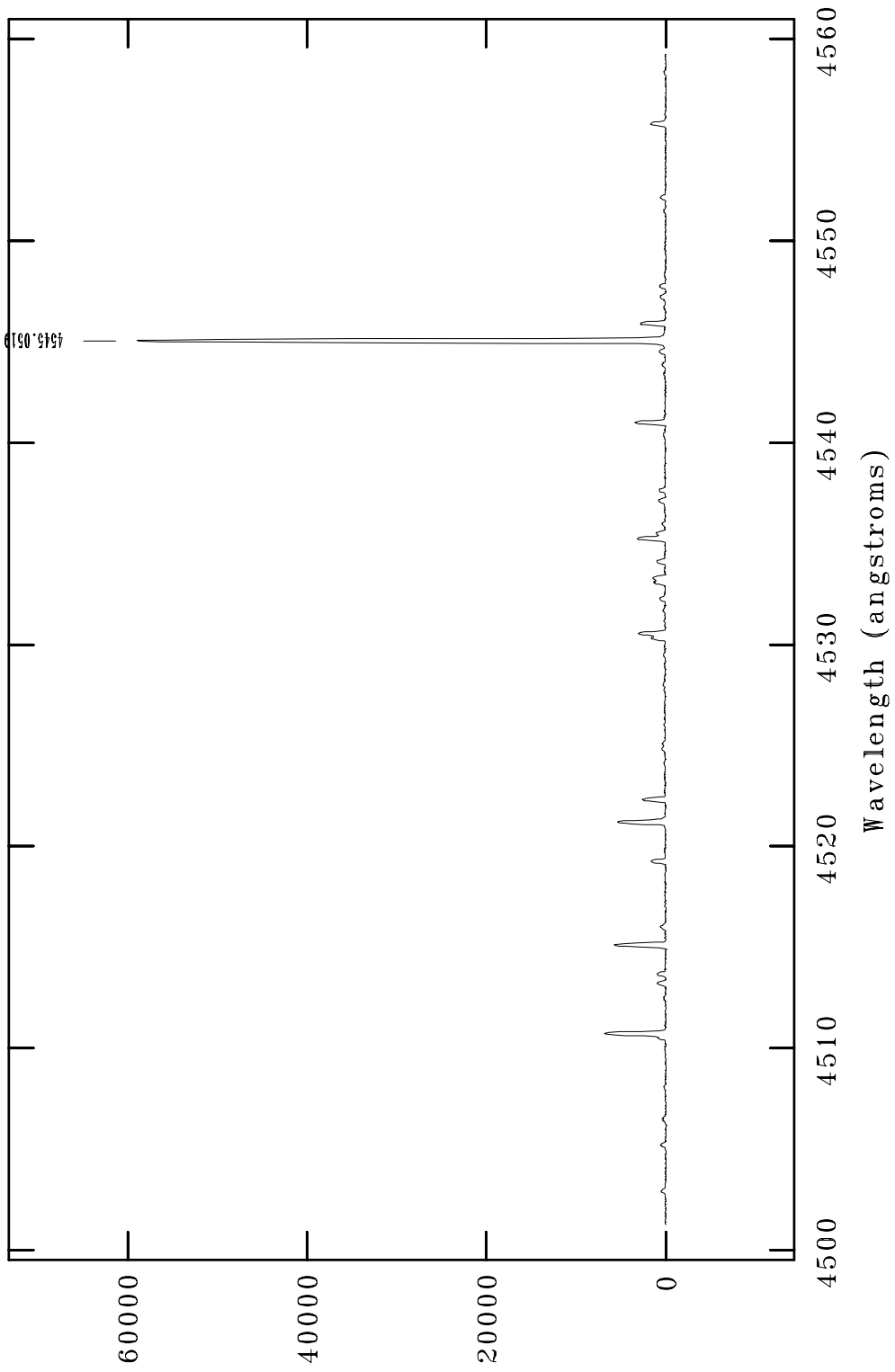
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:43:21 22-Jun-2006
Aperture 29, Image line 29, Order 128
ecidentify waveref: Wavelength reference



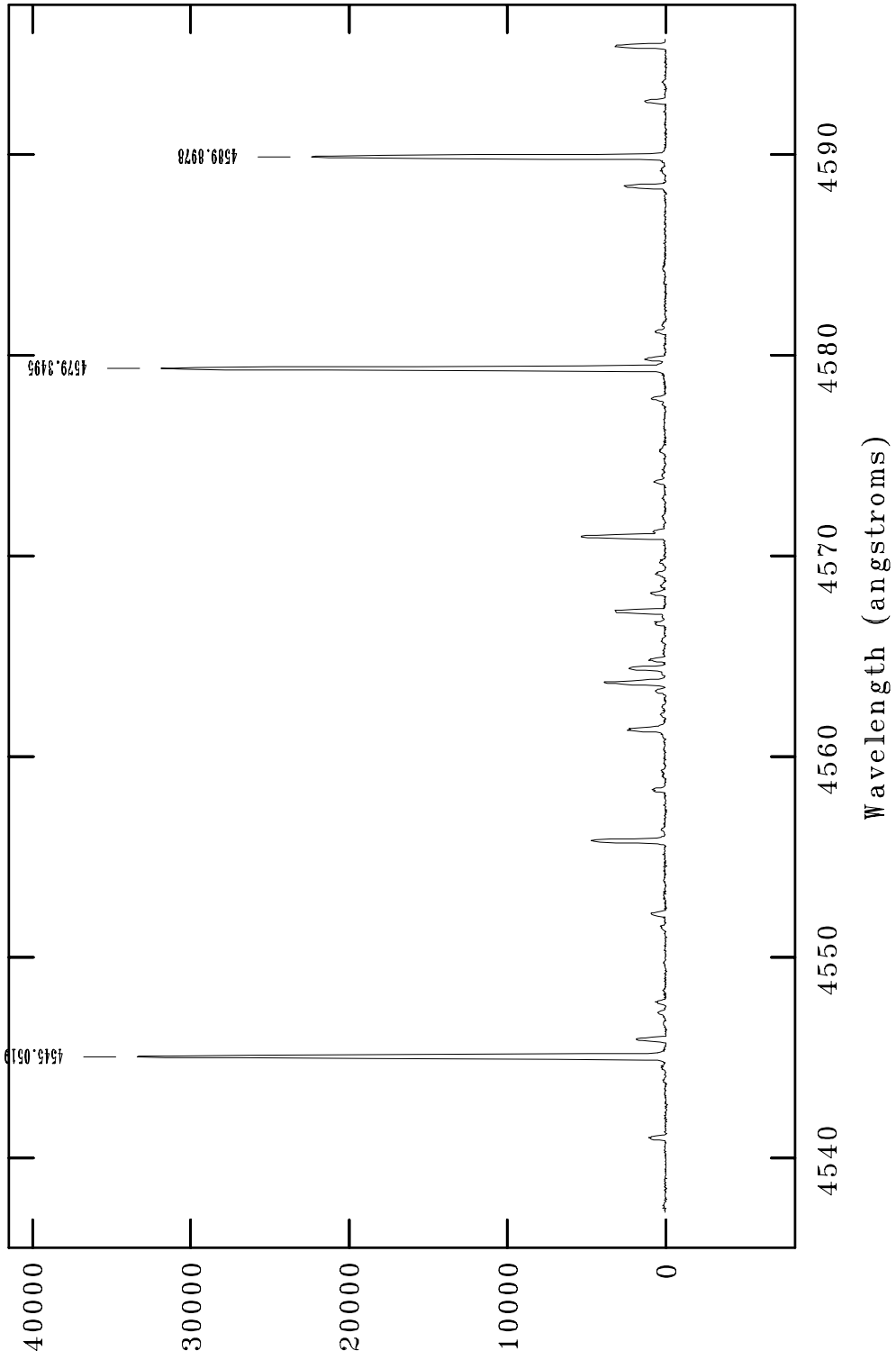
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:43:23 22-Jun-2006
Aperture 30, Image line 30, Order 127
eidentify waveref: Wavelength reference



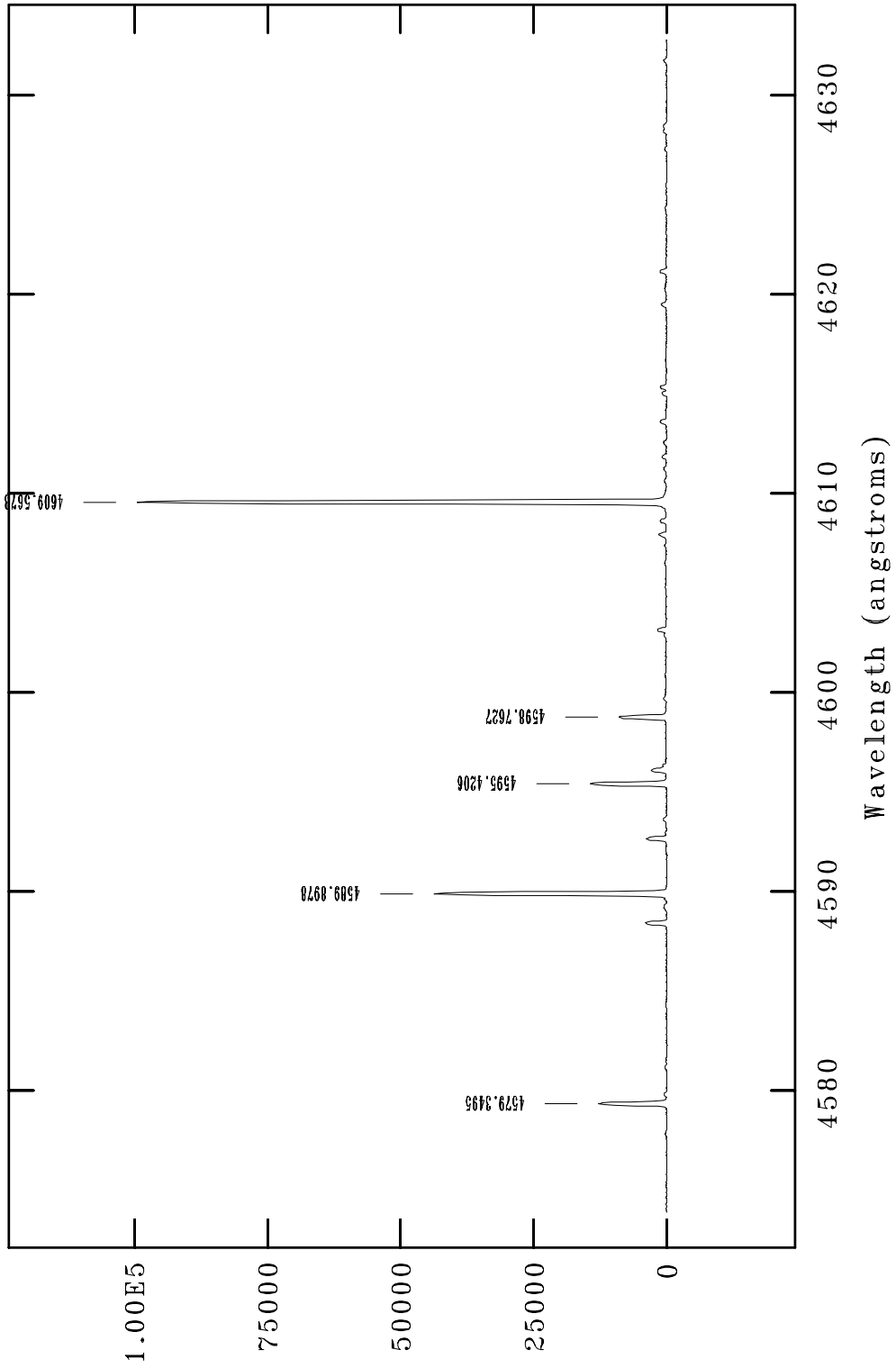
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:43:26 22-Jun-2006
Aperture 31, Image line 31, Order 126
ecidentify waveref: Wavelength reference



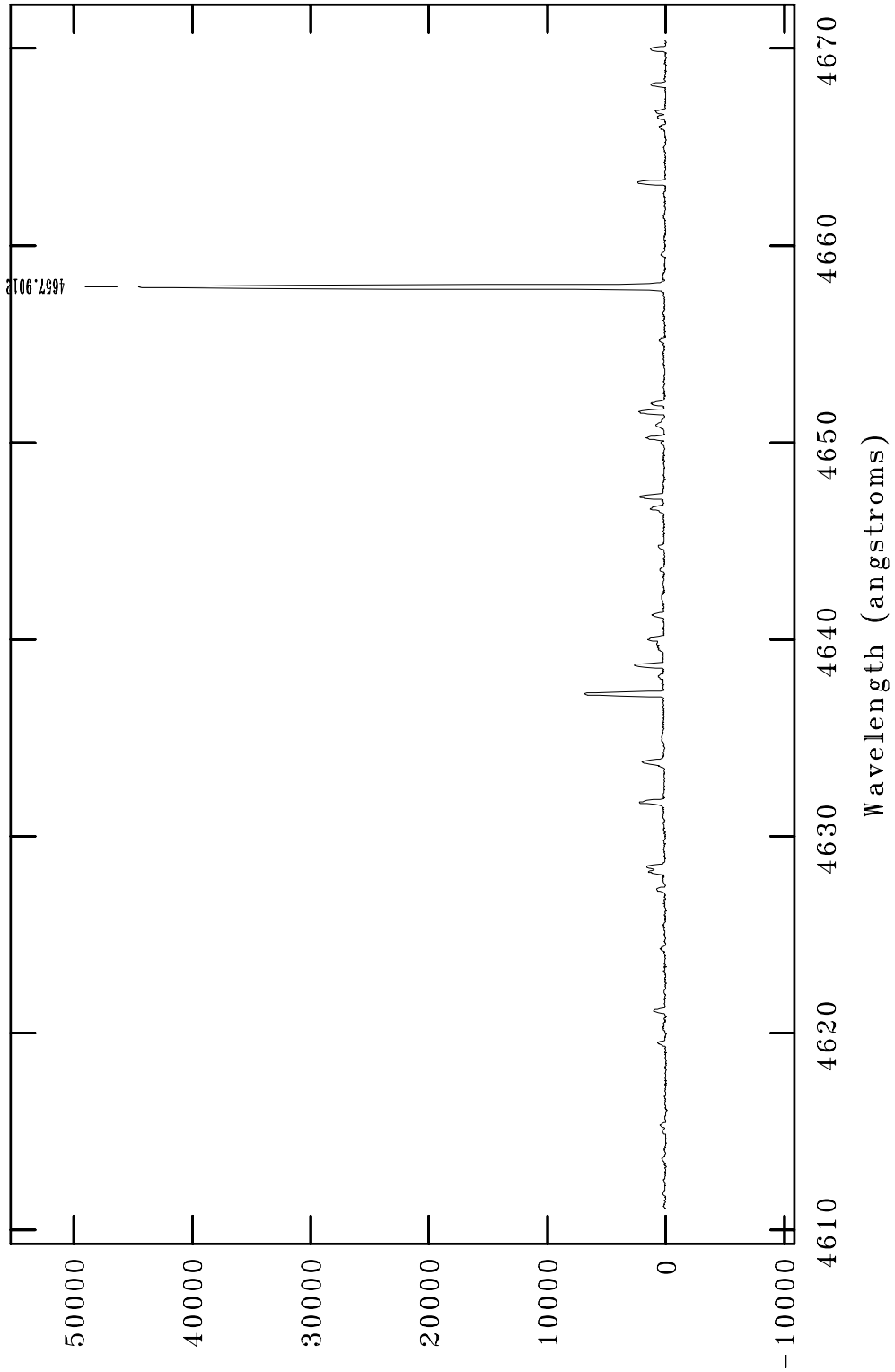
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:43:29 22-Jun-2006
Aperture 32, Image line 32, Order 125
ecidentify waveref: Wavelength reference



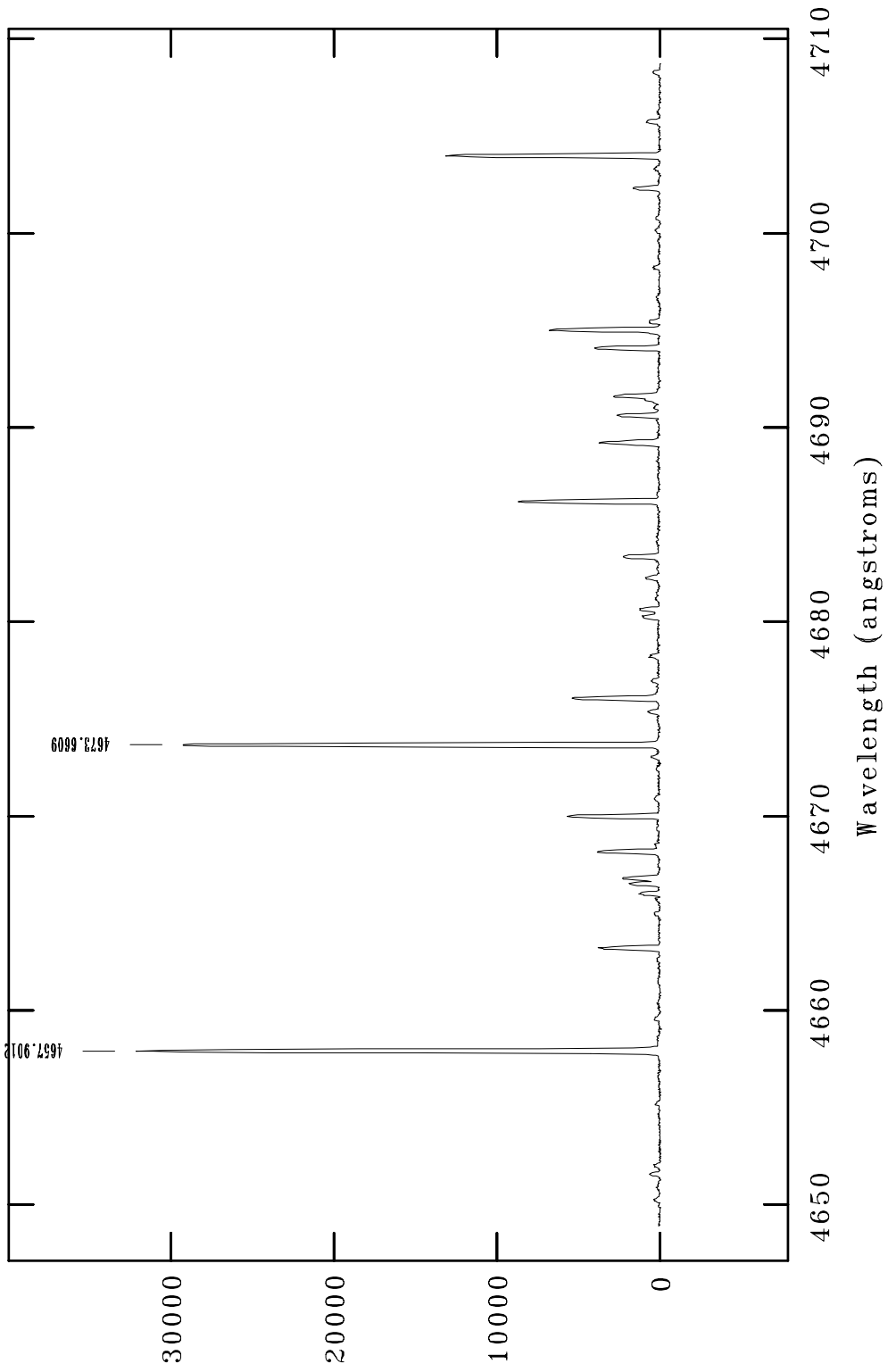
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:43:32 22-Jun-2006
Aperture 33, Image line 33, Order 124
eidentify waveref: Wavelength reference



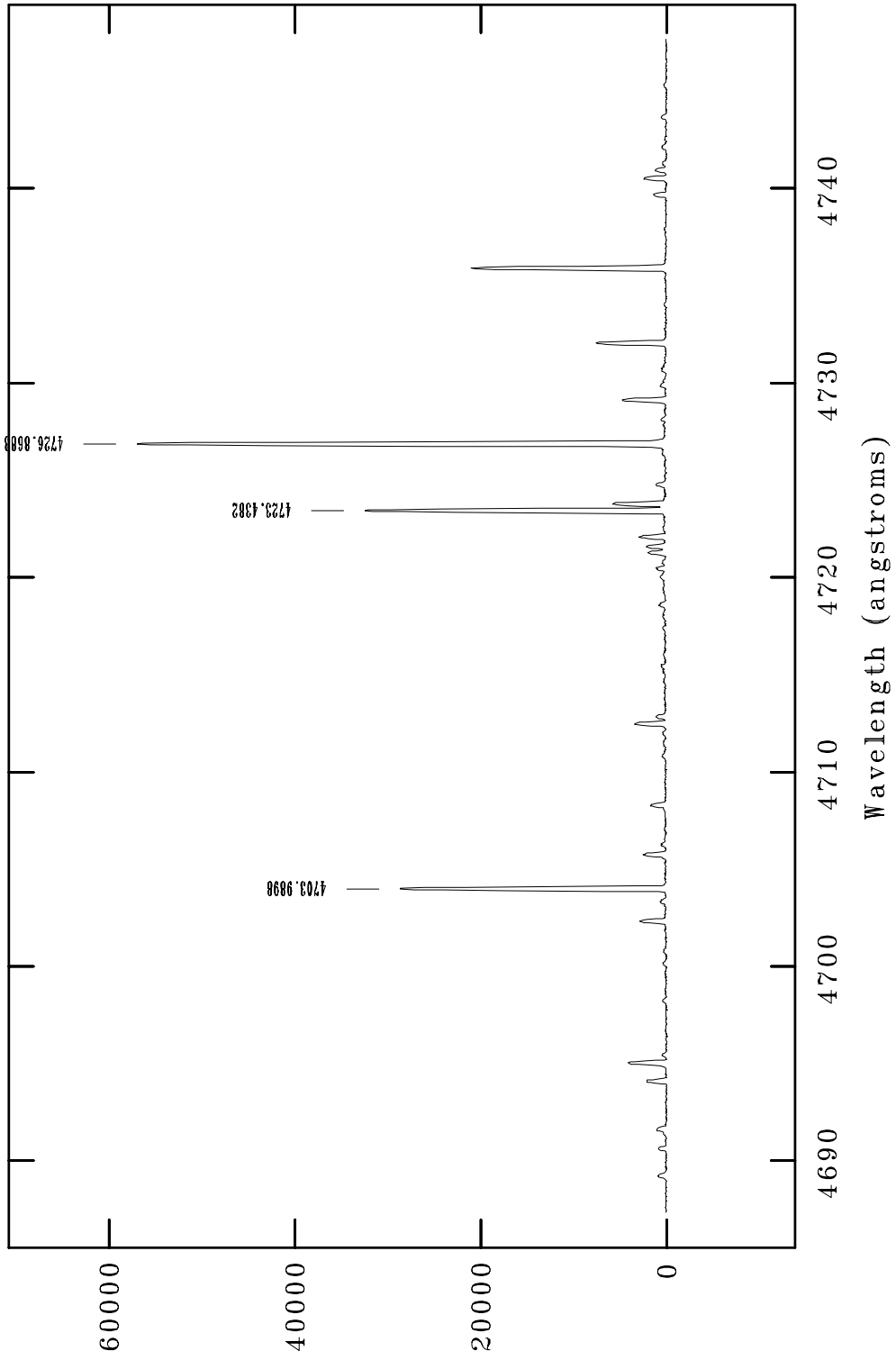
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:43:34 22-Jun-2006
Aperture 34, Image line 34, Order 123
ecidentify waveref: Wavelength reference



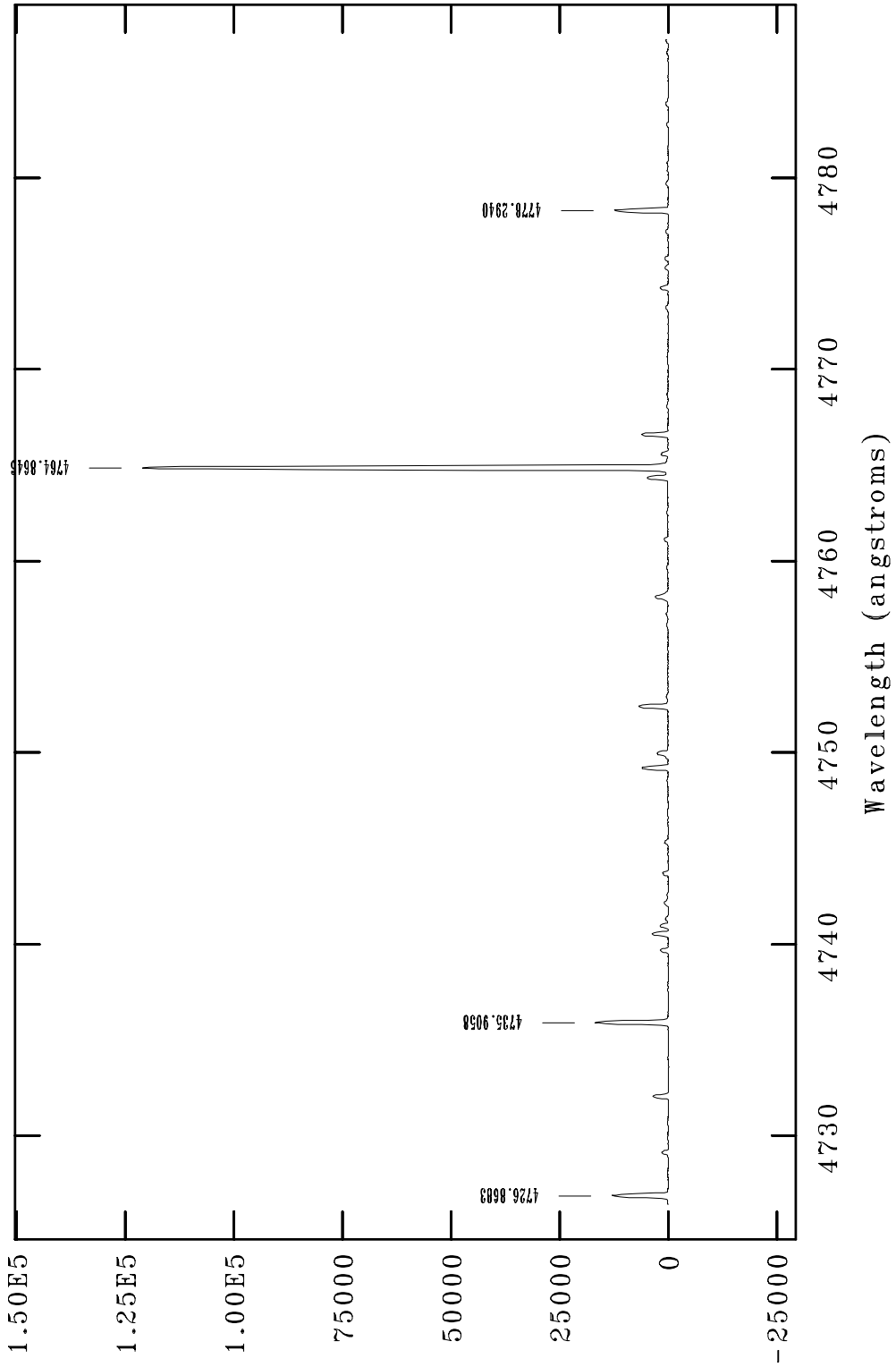
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:43:37 22-Jun-2006
Aperture 35, Image line 35, Order 122
ecidentify waveref: Wavelength reference



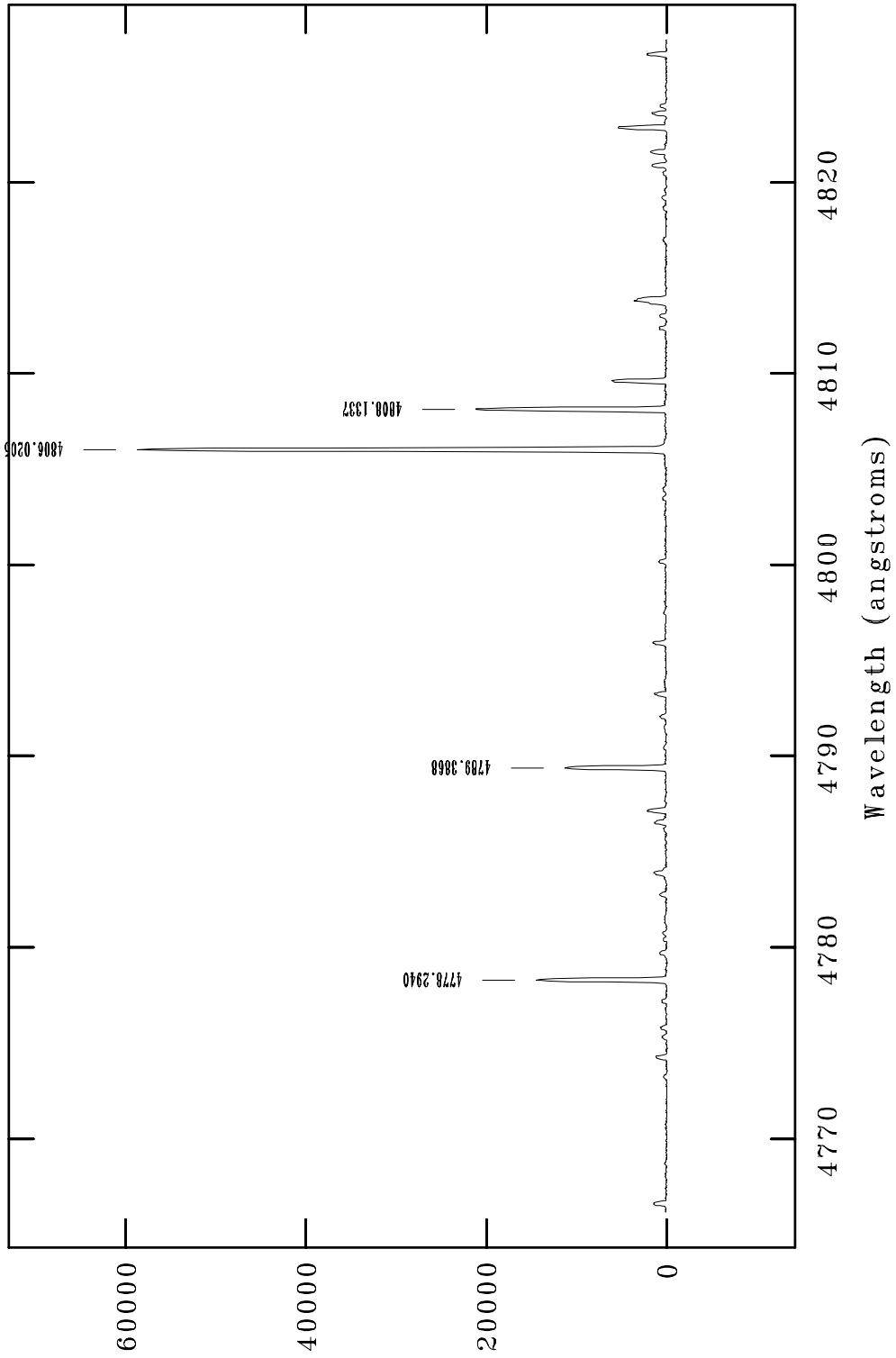
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:43:43 22-Jun-2006
Aperture 36, Image line 36, Order 121
ecidentify waveref: Wavelength reference



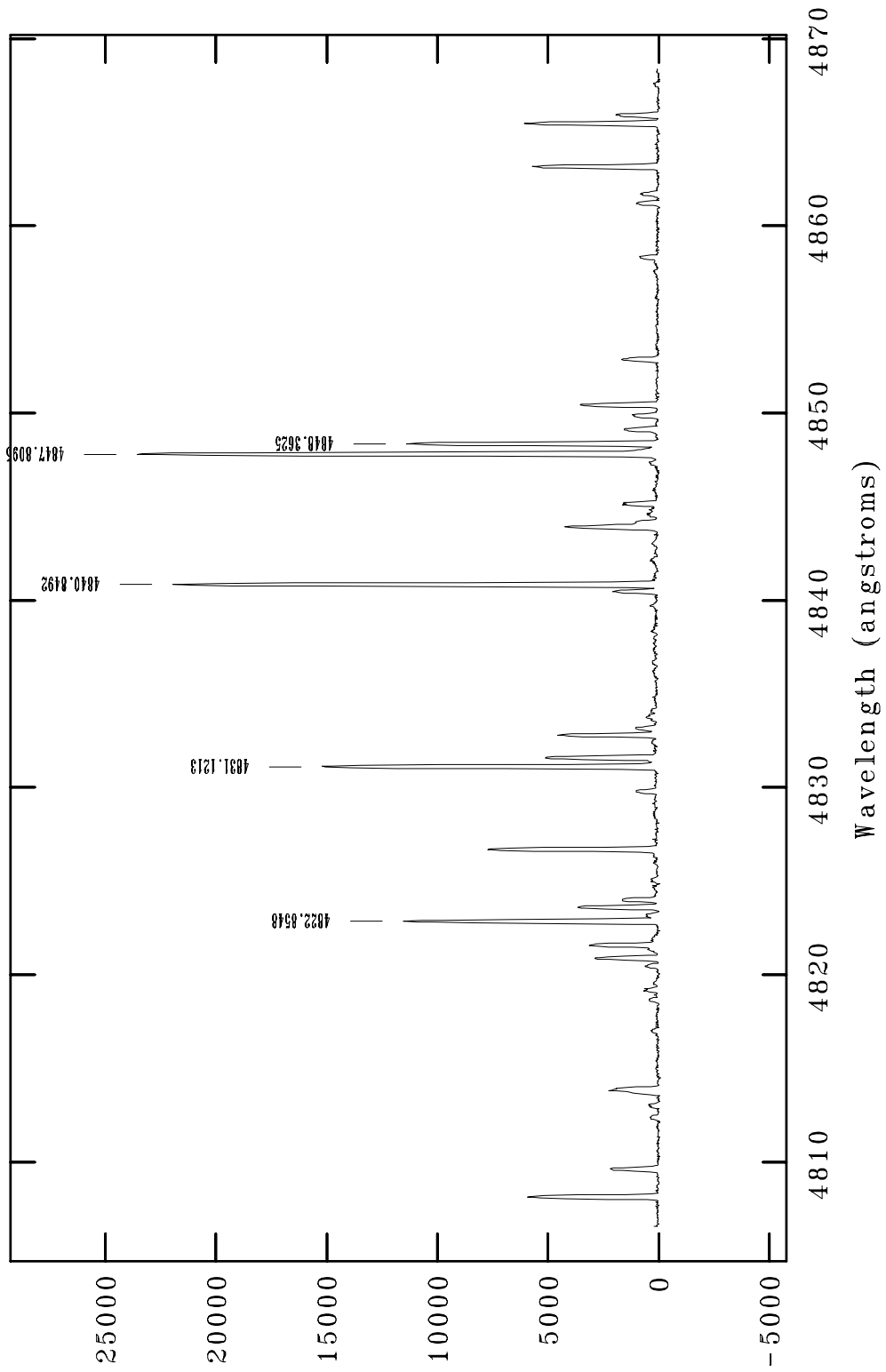
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:43:47 22-Jun-2006
Aperture 37, Image line 37, Order 120
eidentify waveref: Wavelength reference



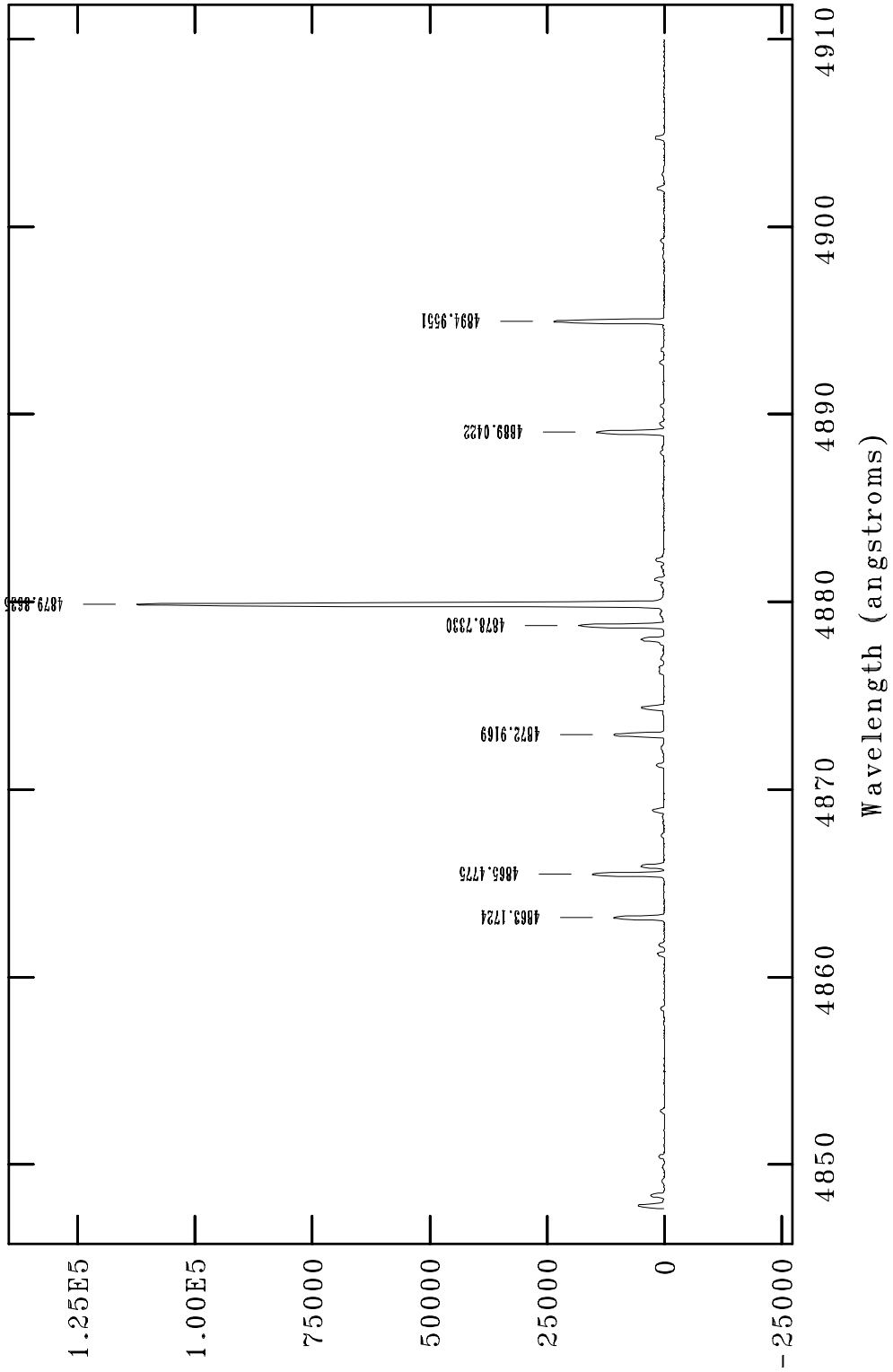
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:43:50 22-Jun-2006
Aperture 38, Image line 38, Order 119
ecidentify waveref: Wavelength reference



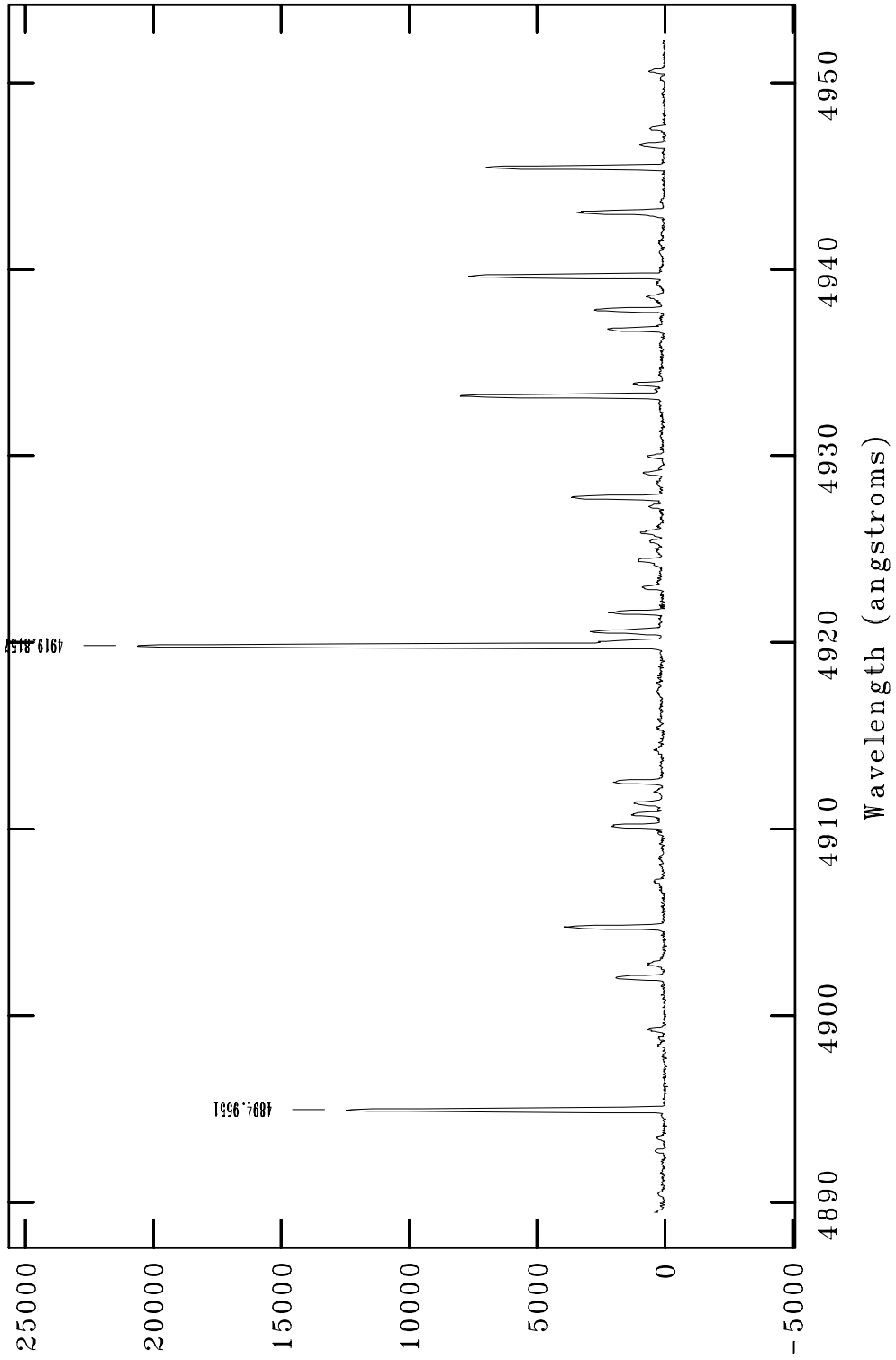
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:44:01 22-Jun-2006
Aperture 39, Image line 39, Order 118
ecidentify waveref: Wavelength reference



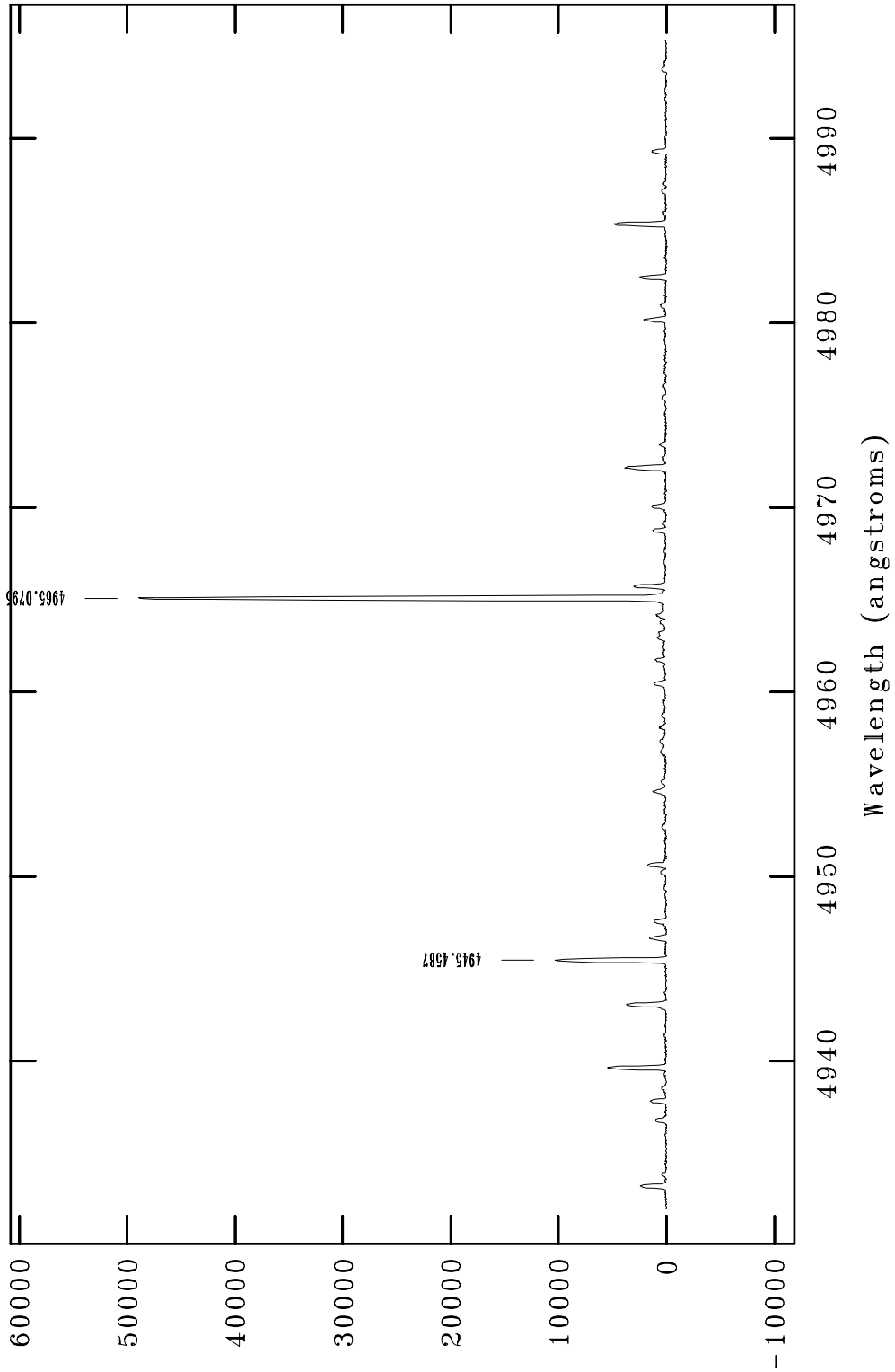
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:44:04 22-Jun-2006
Aperture 40, Image line 40, Order 117
eidentify waveref: Wavelength reference



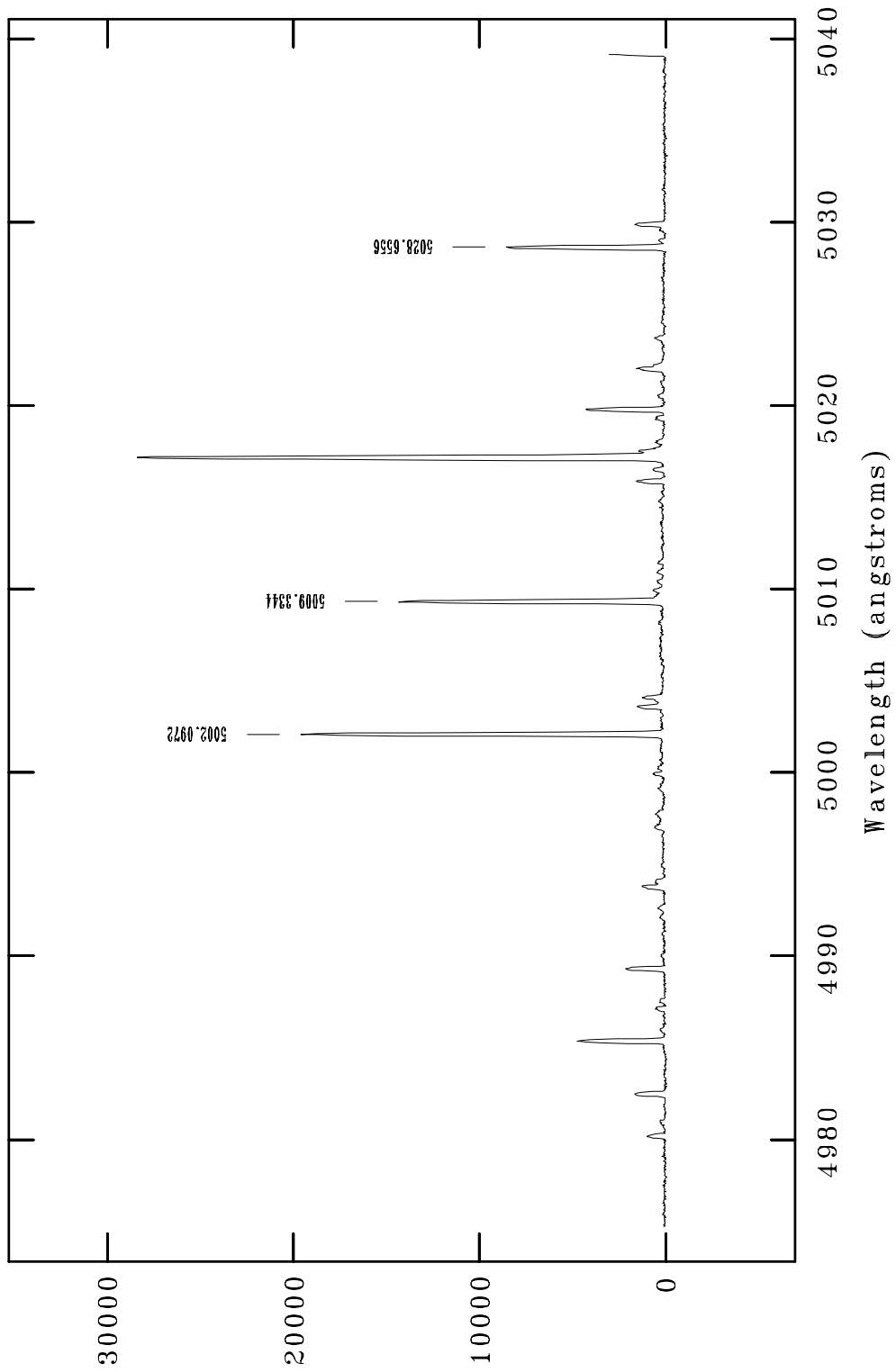
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:44:06 22-Jun-2006
Aperture 41, Image line 41, Order 116
ecidentify waveref: Wavelength reference



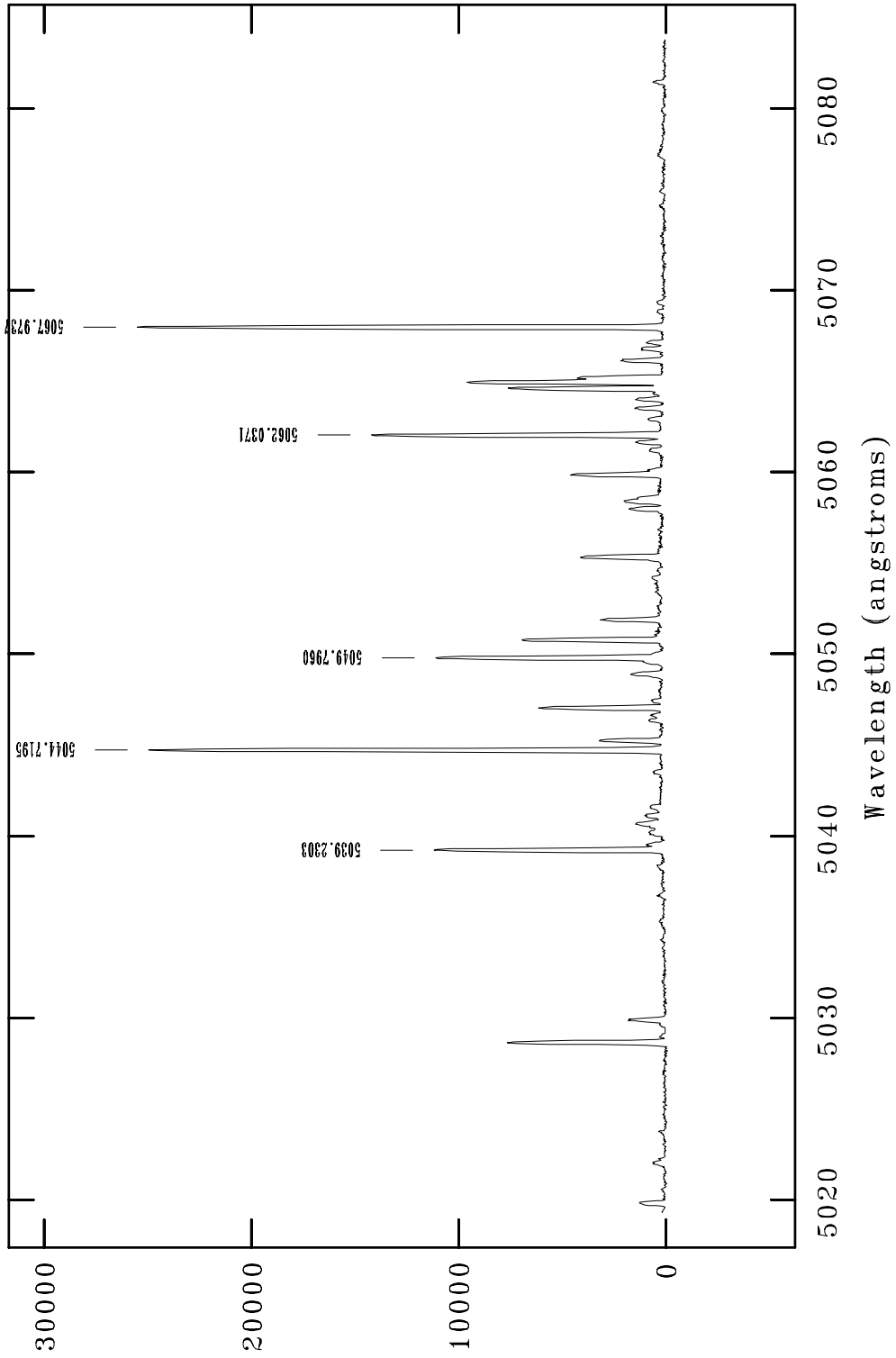
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:44:09 22-Jun-2006
Aperture 42, Image line 42, Order 115
identify waveref: Wavelength reference



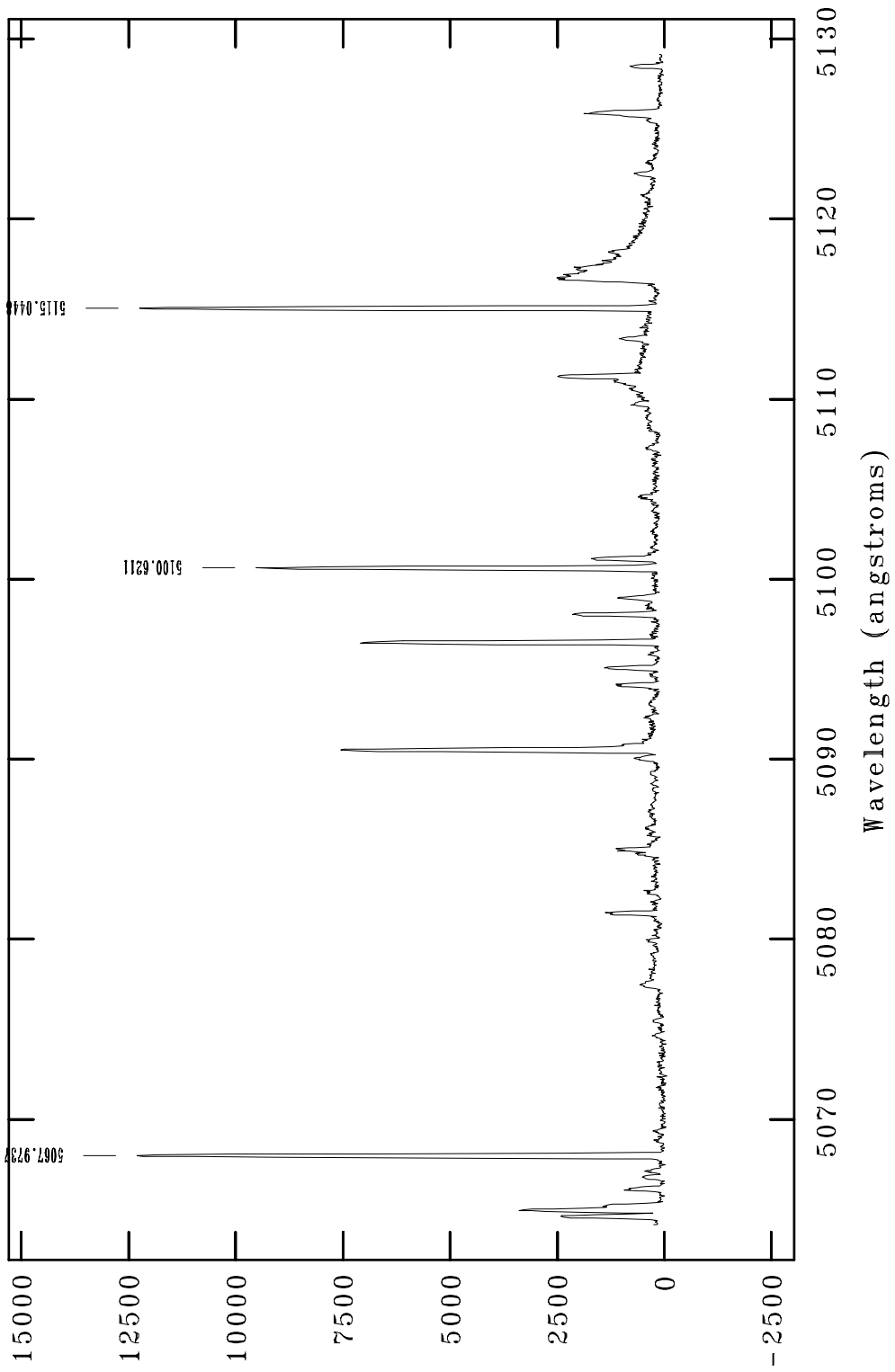
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:44:13 22-Jun-2006
Aperture 43, Image line 43, Order 114
ecidentify waveref: Wavelength reference



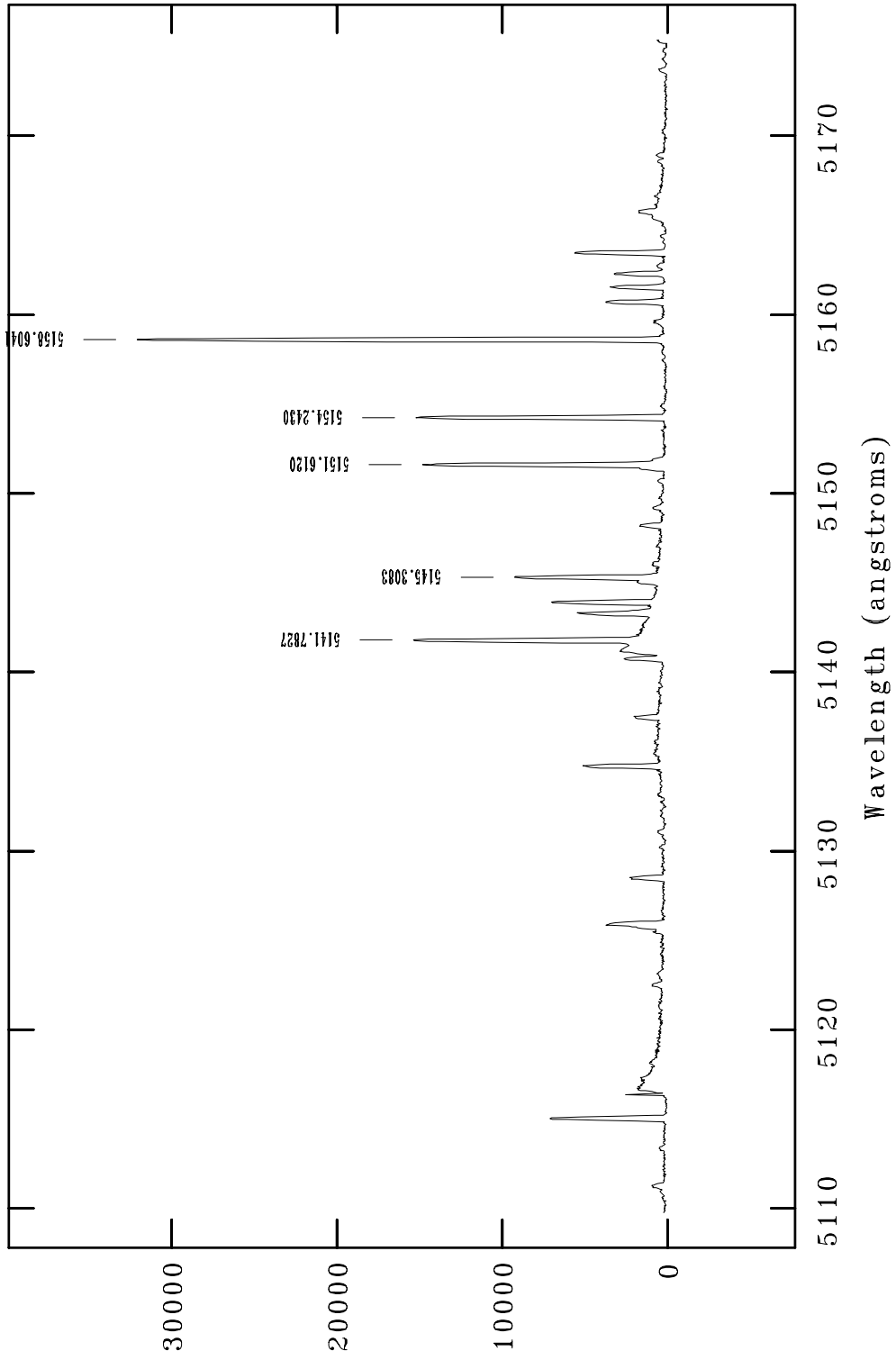
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:44:18 22-Jun-2006
Aperture 44, Image line 44, Order 113
ecidentify waveref: Wavelength reference



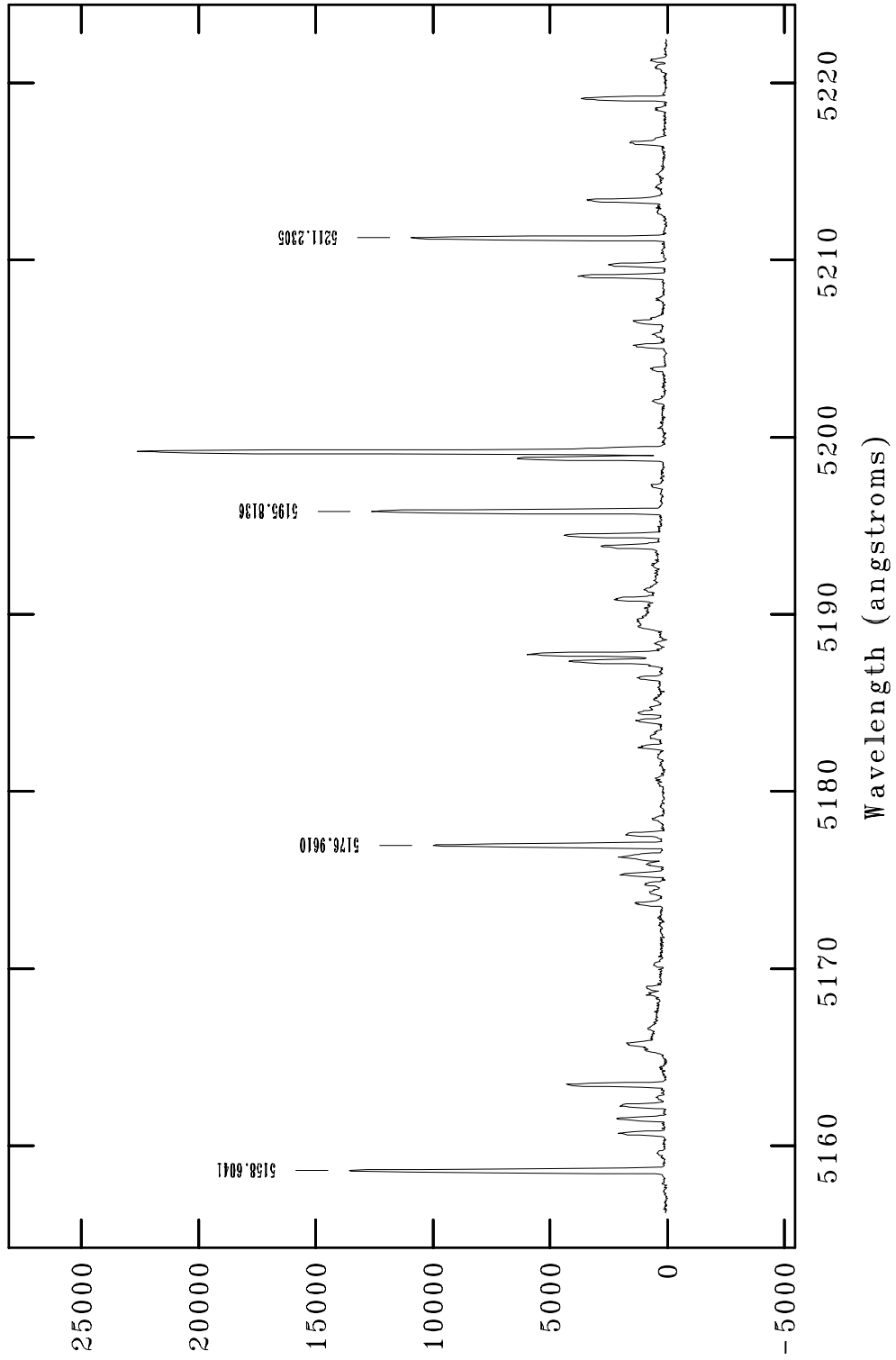
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:44:20 22-Jun-2006
Aperture 45, Image line 45, Order 112
ecidentify waveref: Wavelength reference



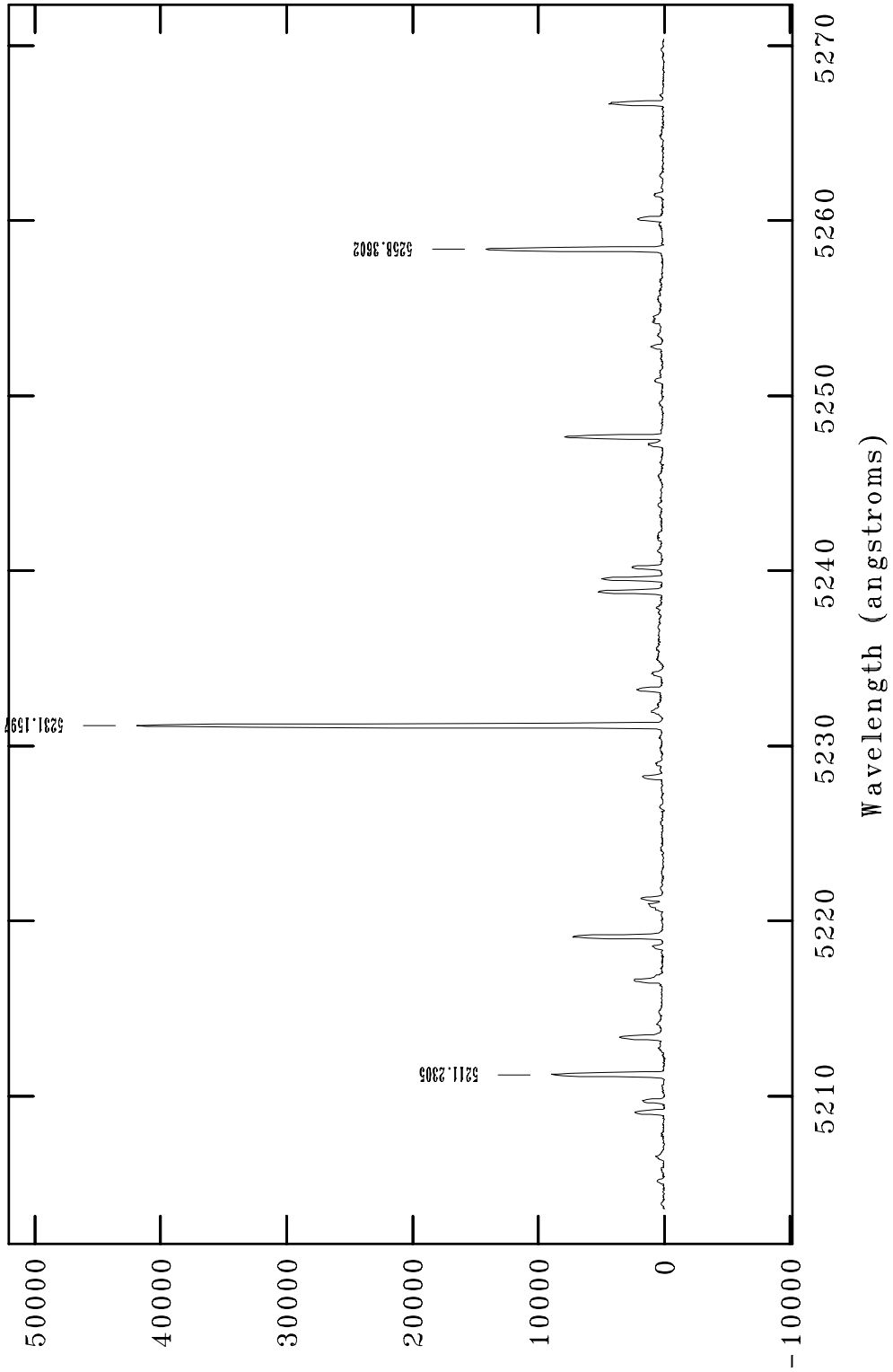
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:44:23 22-Jun-2006
Aperture 46, Image line 46, Order 111
ecidentify waveref: Wavelength reference



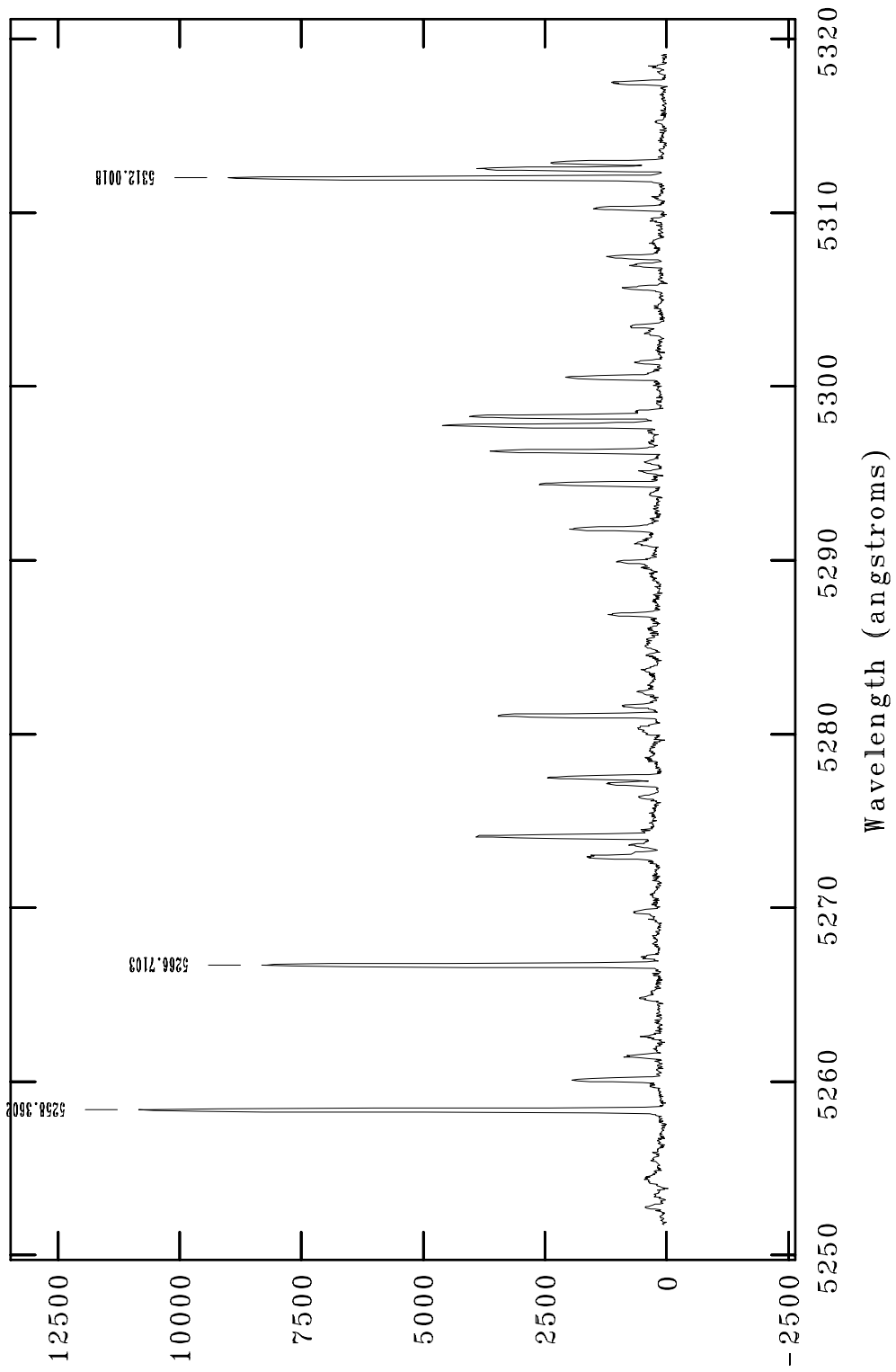
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:44:27 22-Jun-2006
Aperture 47, Image line 47, Order 110
ecidentify waveref: Wavelength reference



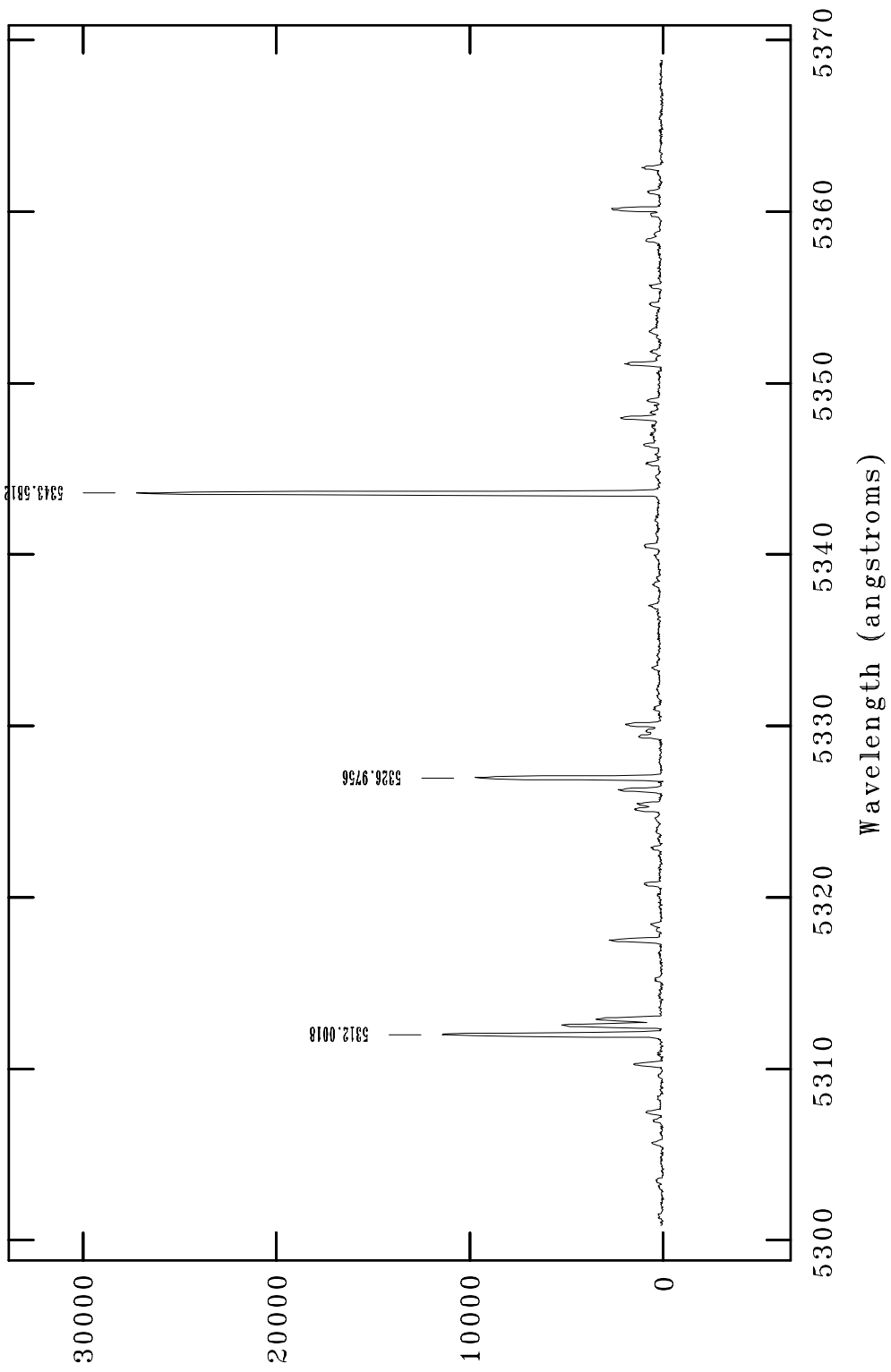
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:44:30 22-Jun-2006
Aperture 48, Image line 48, Order 109
ecidentify waveref: Wavelength reference



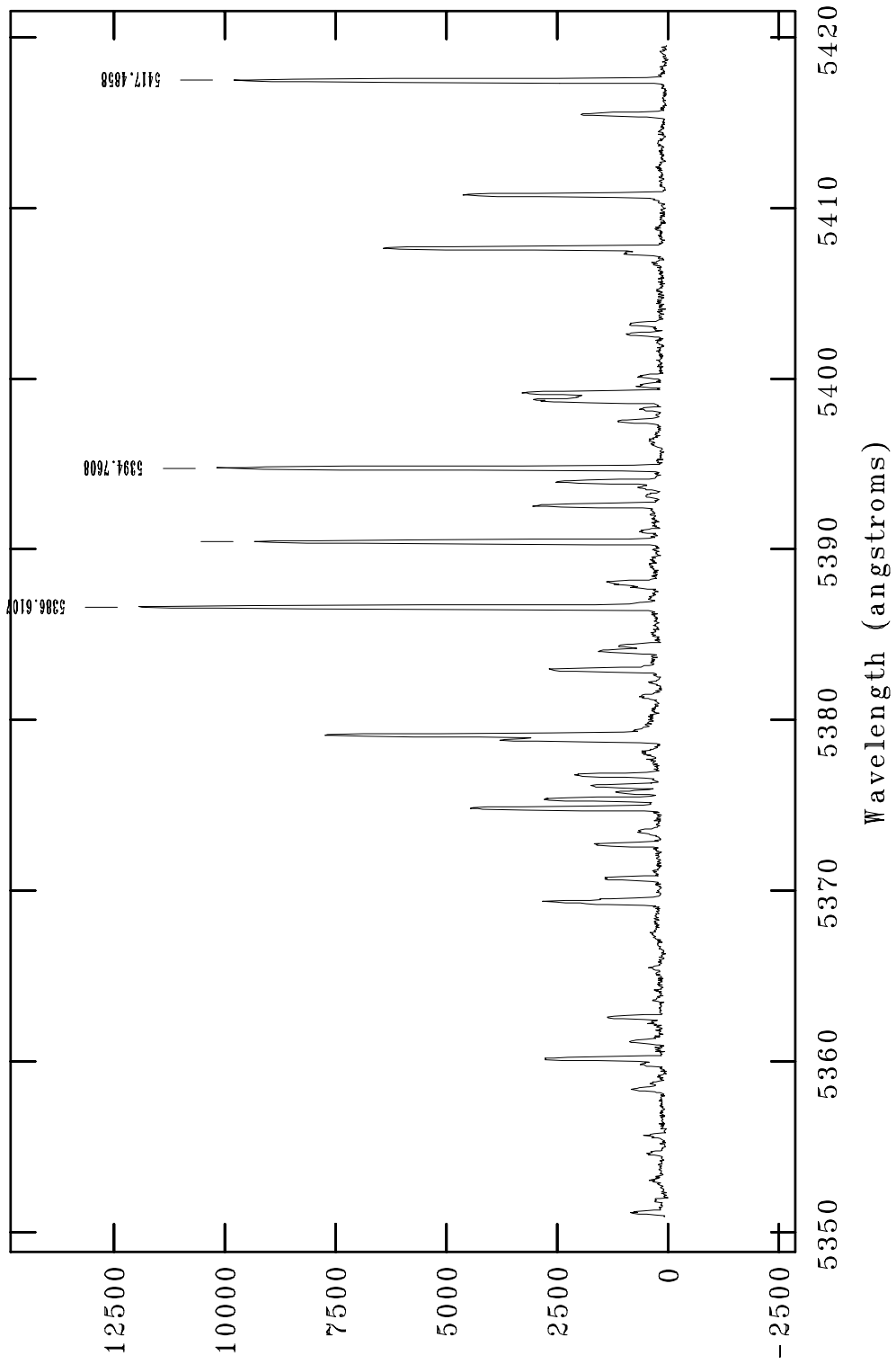
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:44:44 22-Jun-2006
Aperture 49, Image line 49, Order 108
ecidentify waveref: Wavelength reference



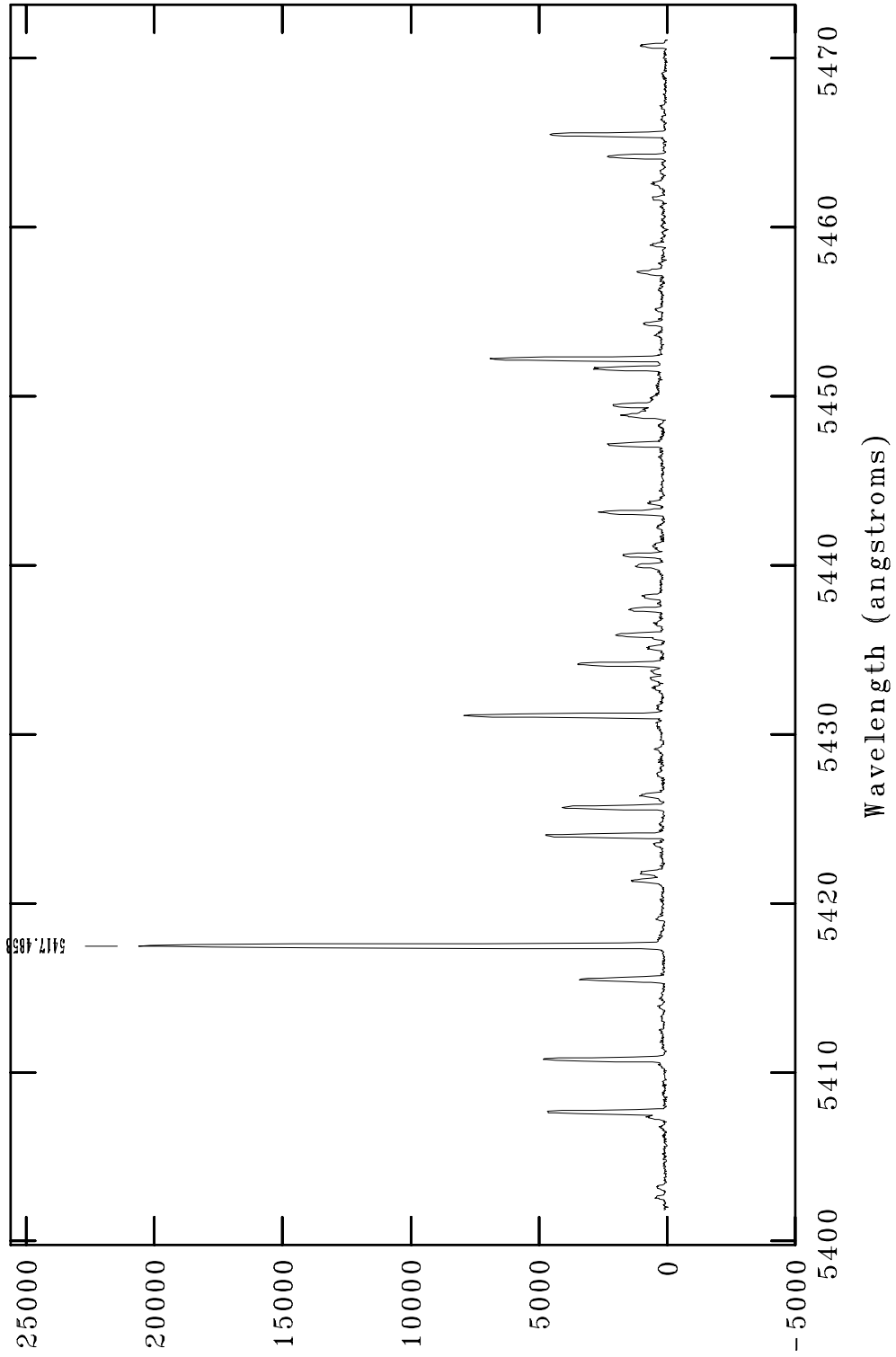
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:44:48 22-Jun-2006
Aperture 50, Image line 50, Order 107
ecidentify waveref: Wavelength reference



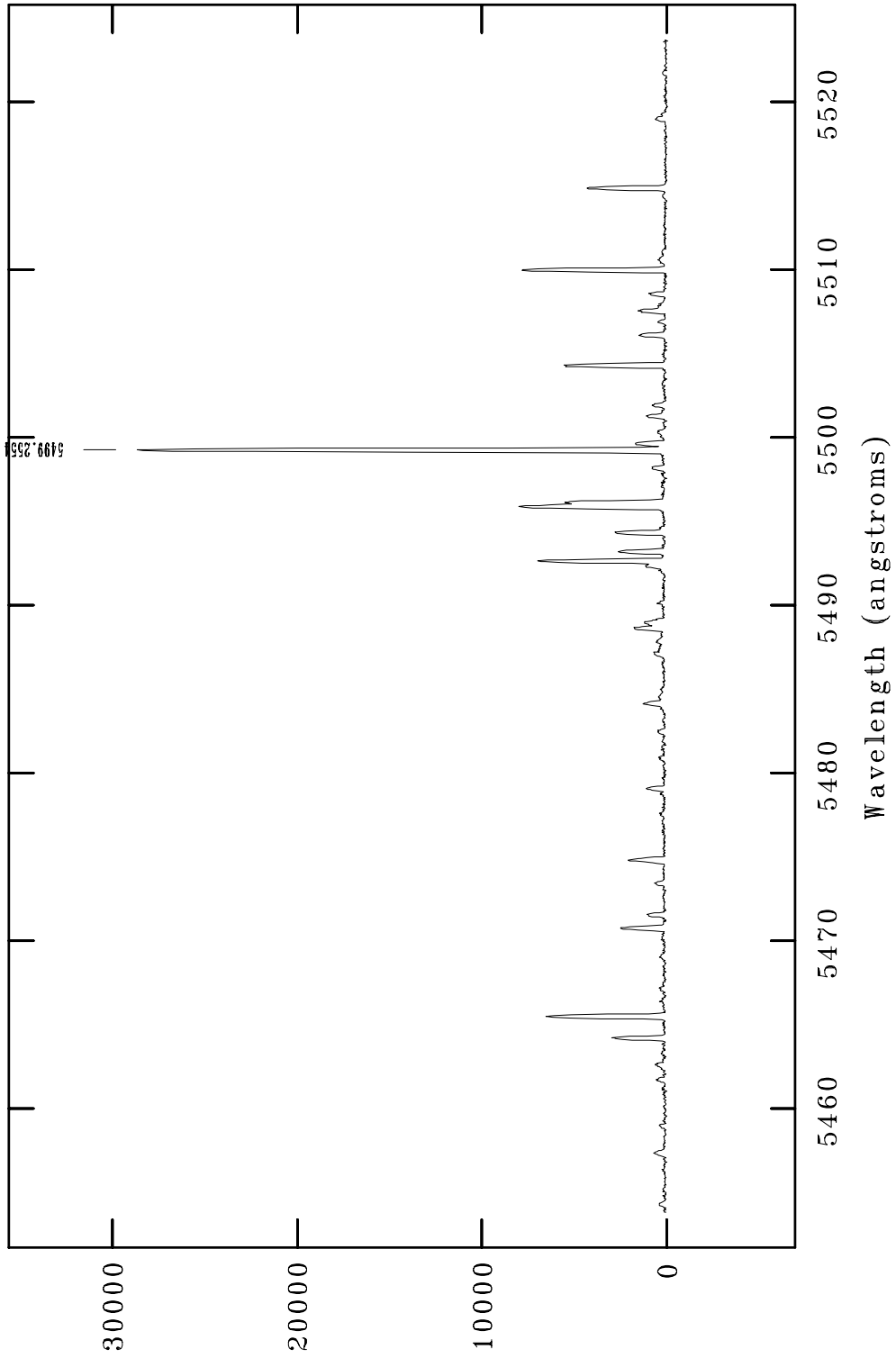
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:44:52 22-Jun-2006
Aperture 51, Image line 51, Order 106
ecidentify waveref: Wavelength reference



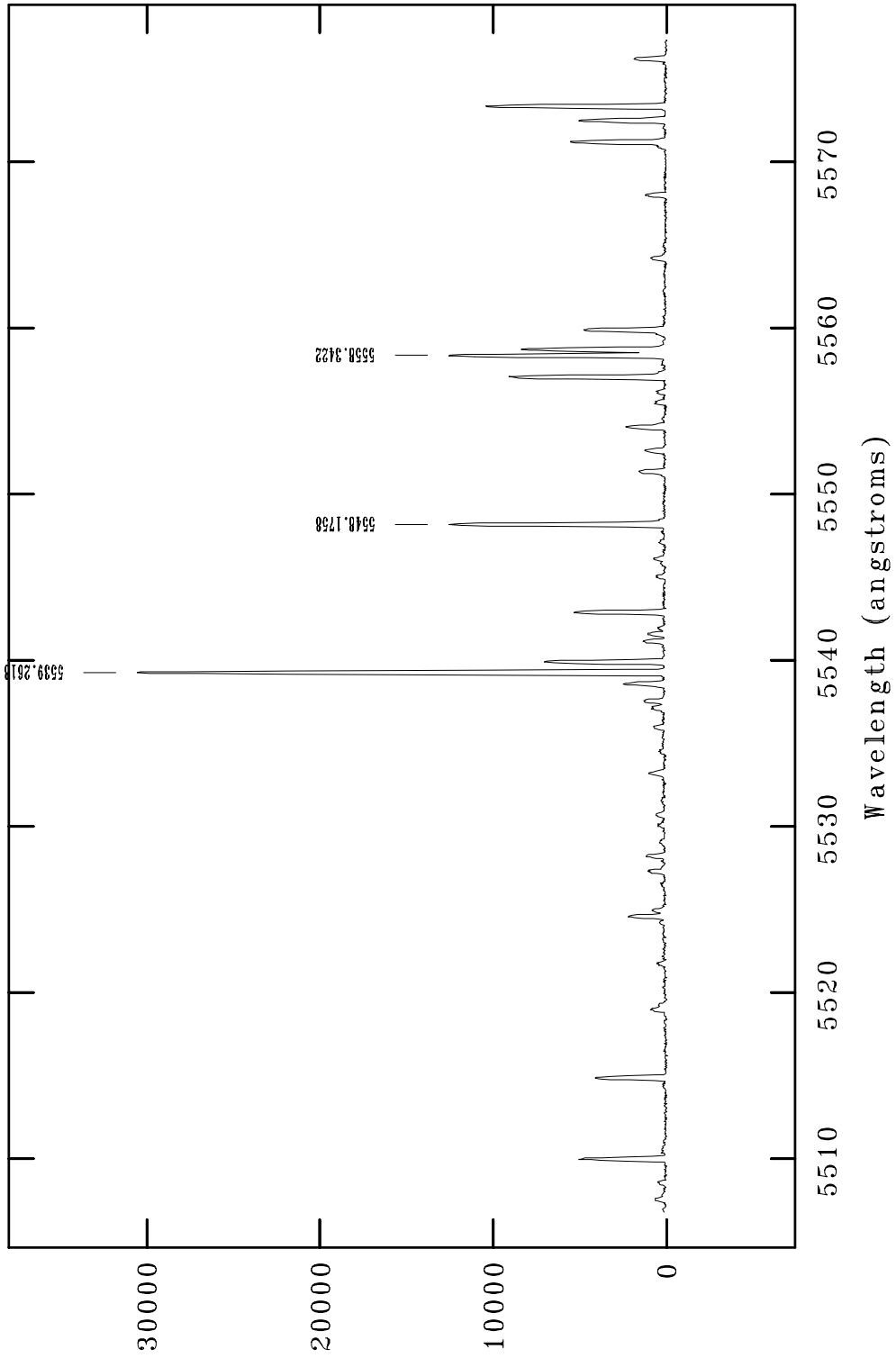
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:44:55 22-Jun-2006
Aperture 52, Image line 52, Order 105
ecidentify waveref: Wavelength reference



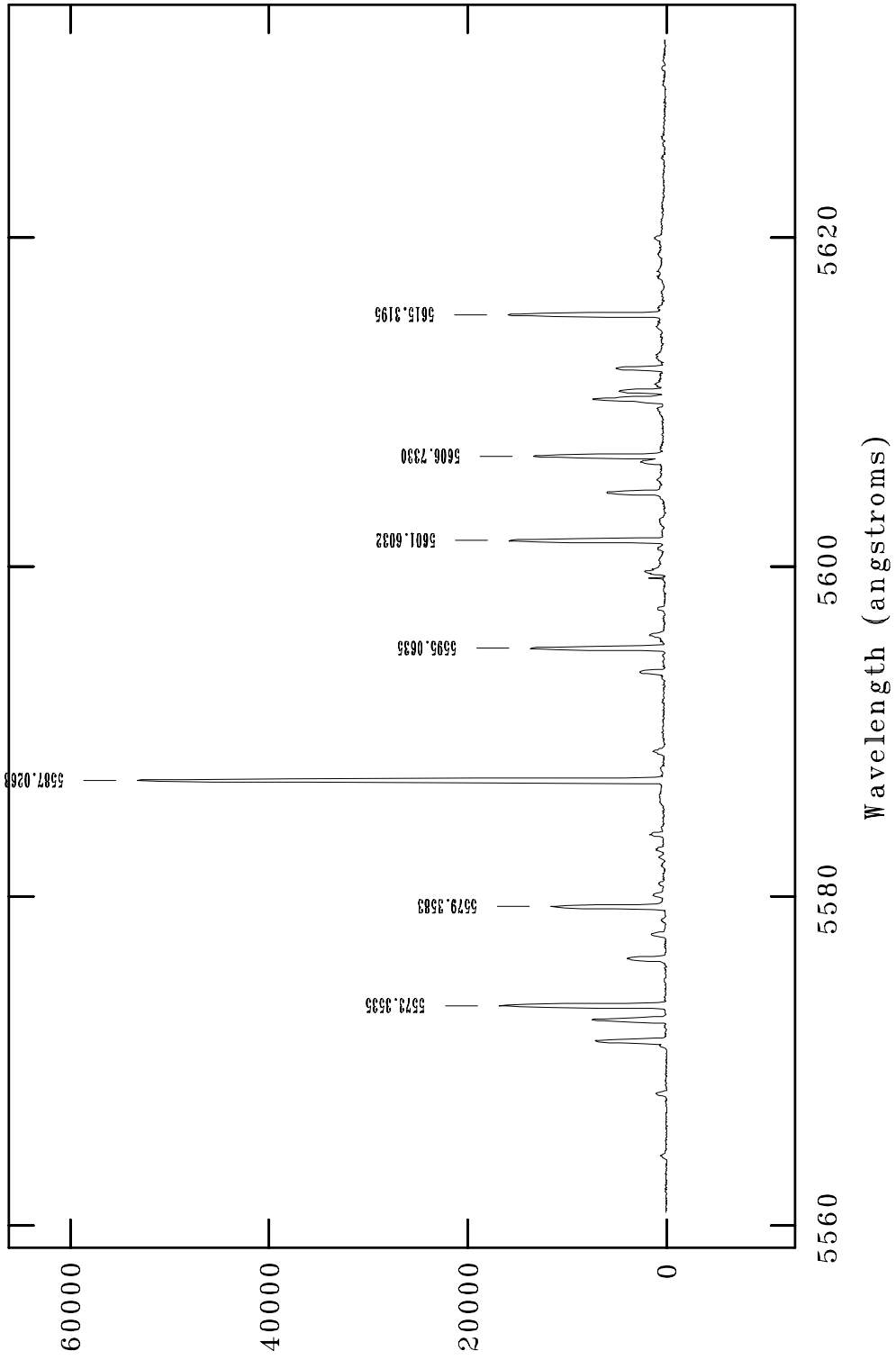
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:44:58 22-Jun-2006
Aperture 53, Image line 53, Order 104
ecidentify waveref: Wavelength reference



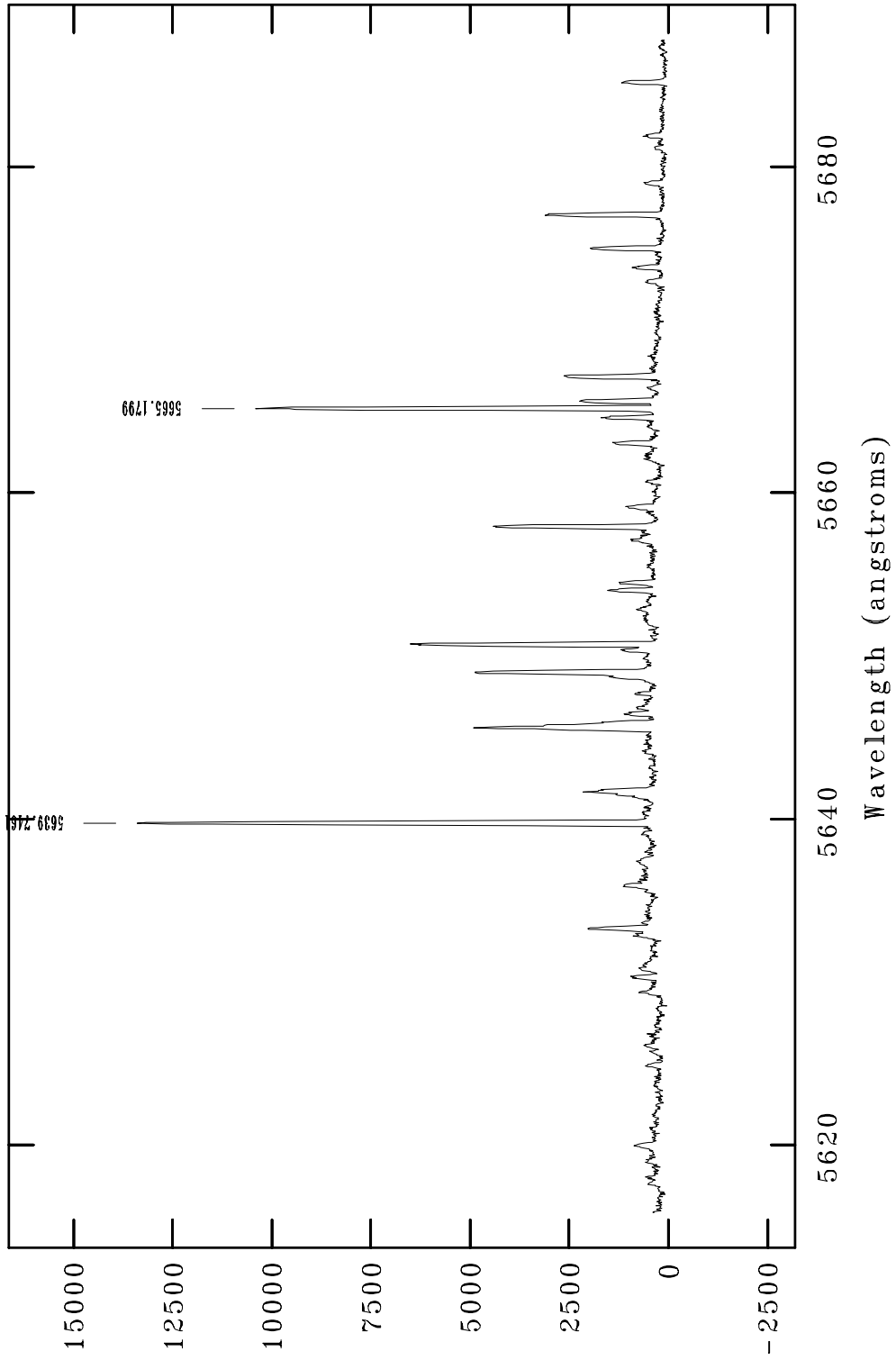
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:45:01 22-Jun-2006
Aperture 54, Image line 54, Order 103
ecidentify waveref: Wavelength reference



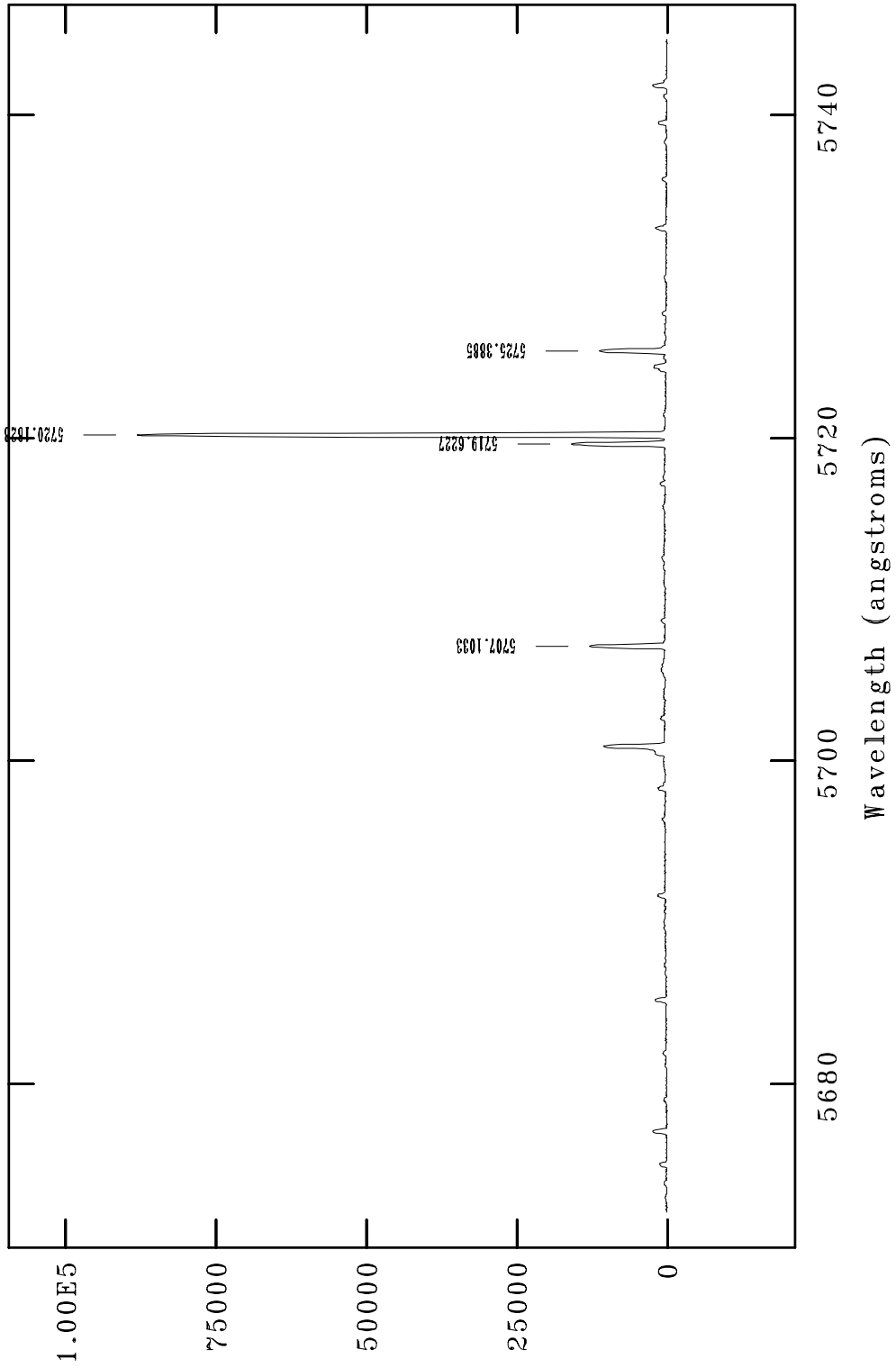
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:45:04 22-Jun-2006
Aperture 55, Image line 55, Order 102
ecidentify waveref: Wavelength reference



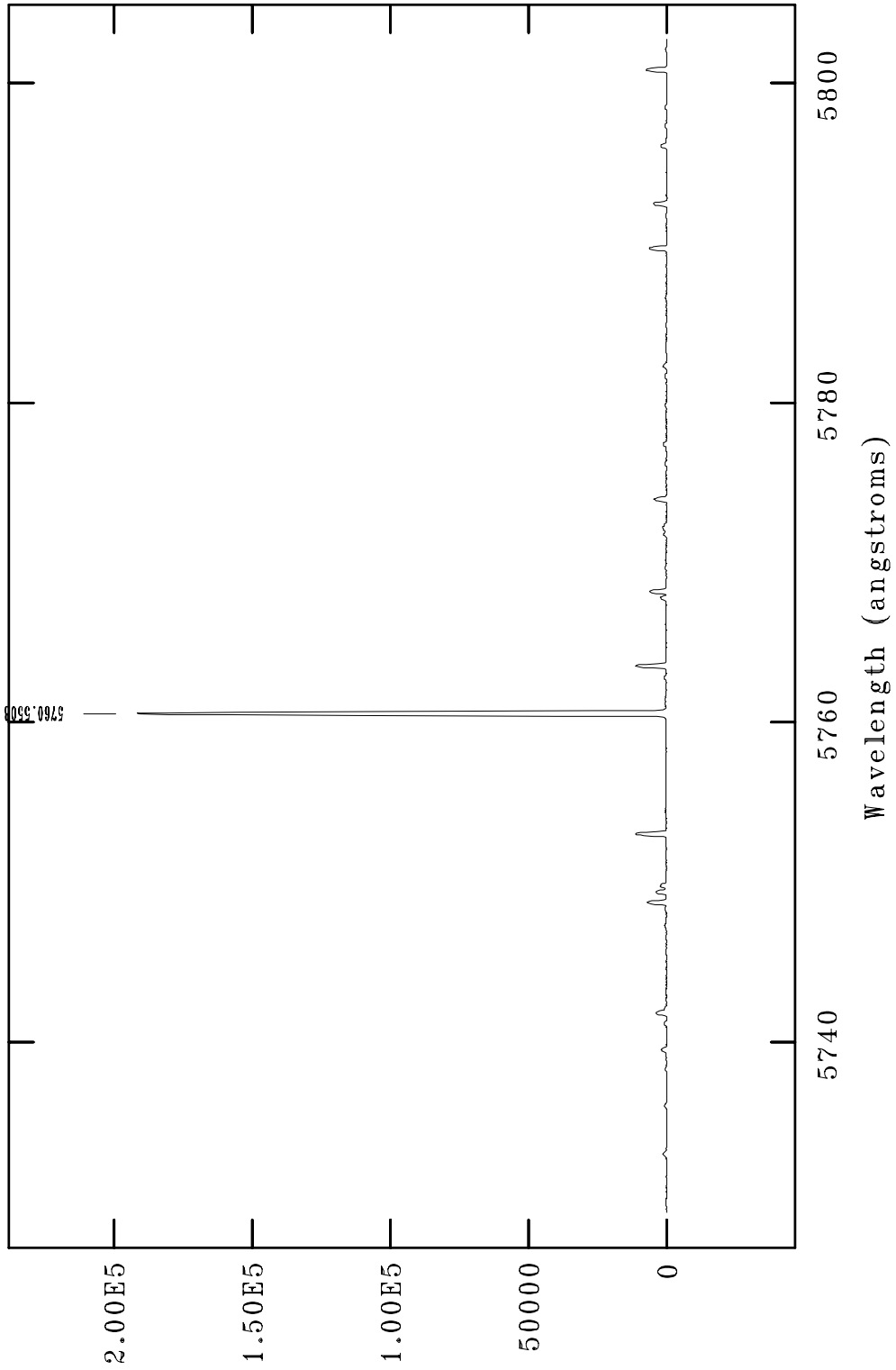
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:45:07 22-Jun-2006
Aperture 56, Image line 56, Order 101
identify waveref: Wavelength reference



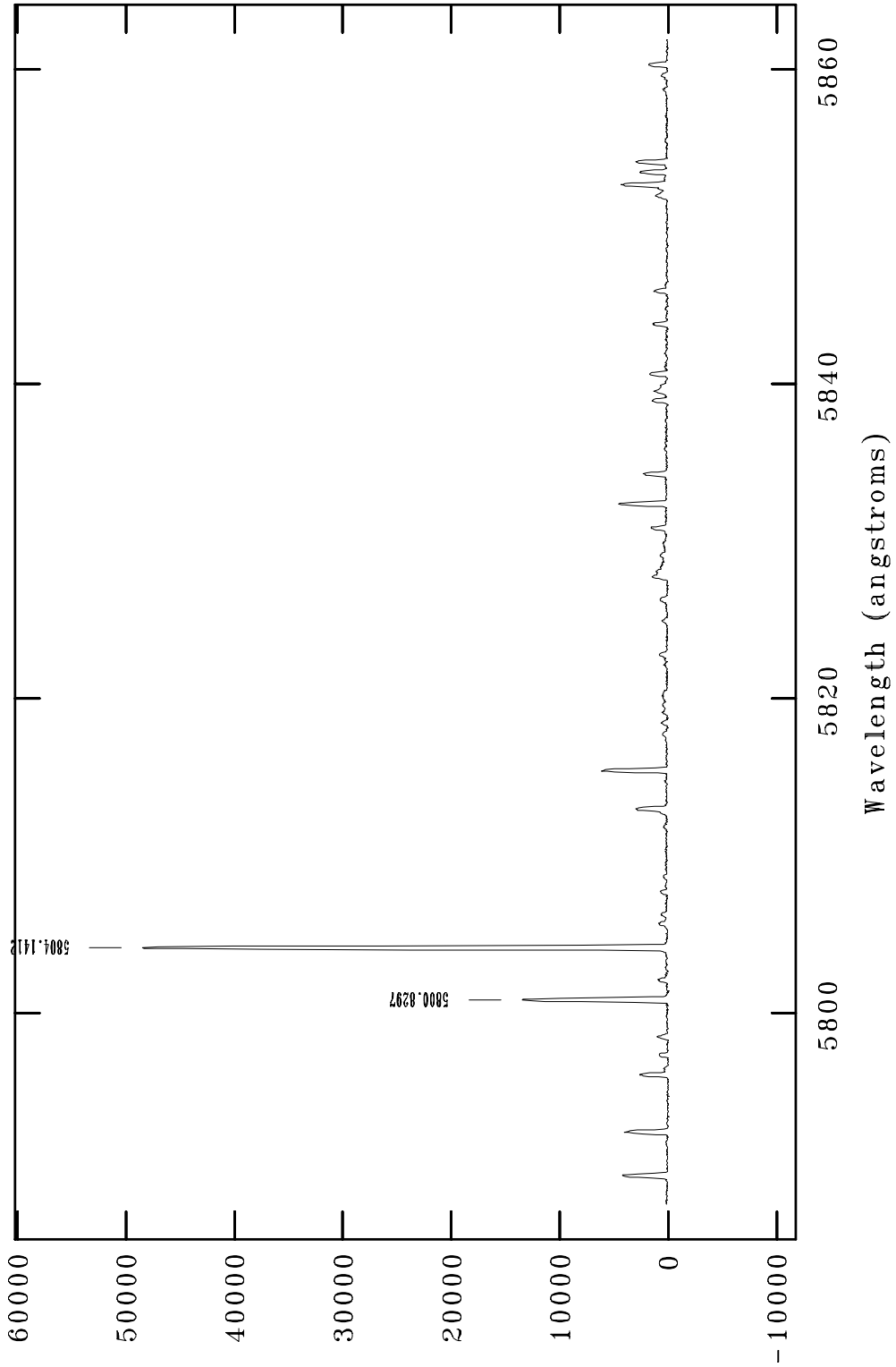
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:45:10 22-Jun-2006
Aperture 57, Image line 57, Order 100
ecidentify waveref: Wavelength reference



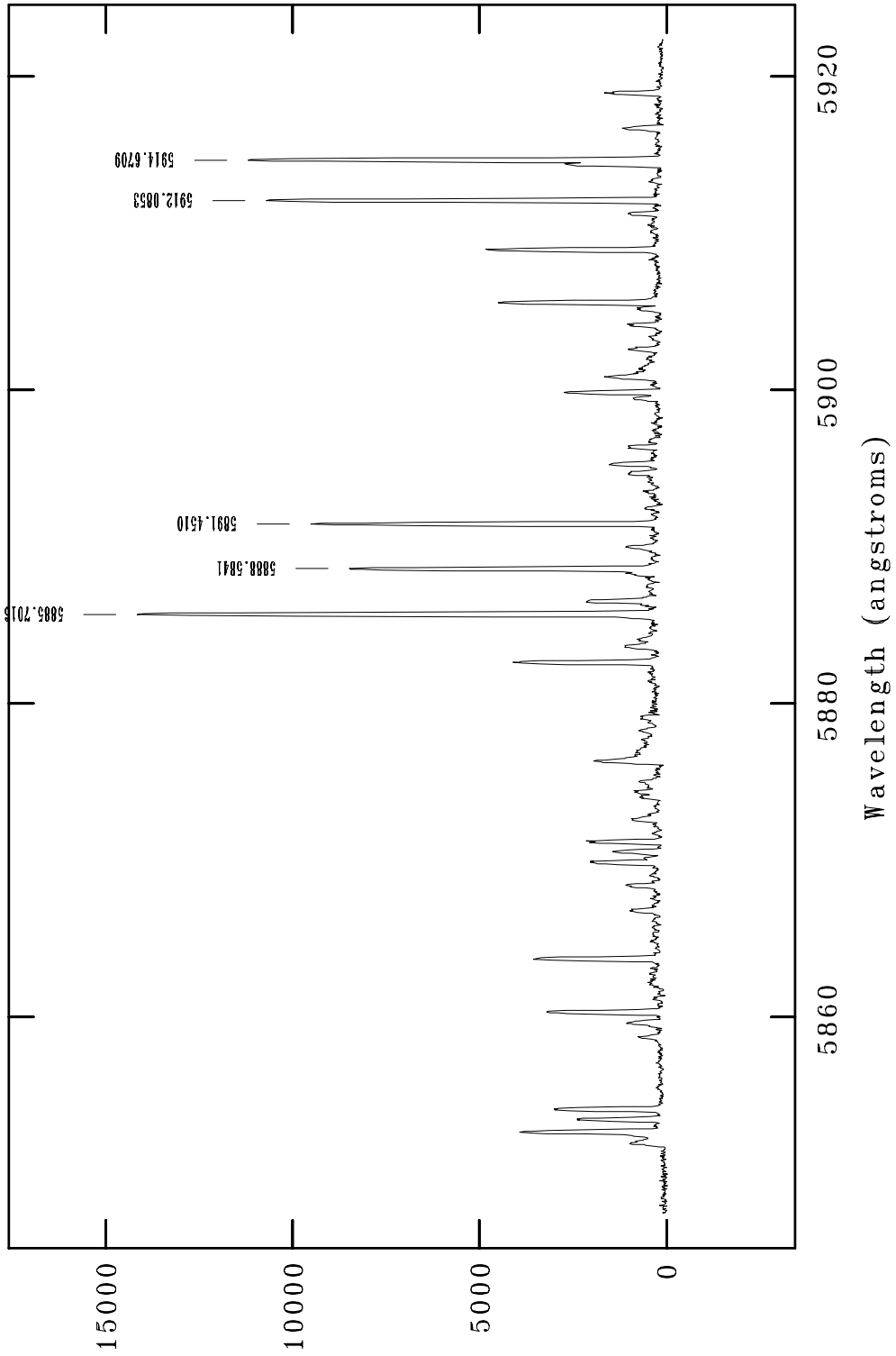
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:45:14 22-Jun-2006
Aperture 58, Image line 58, Order 99
ecidentify waveref: Wavelength reference



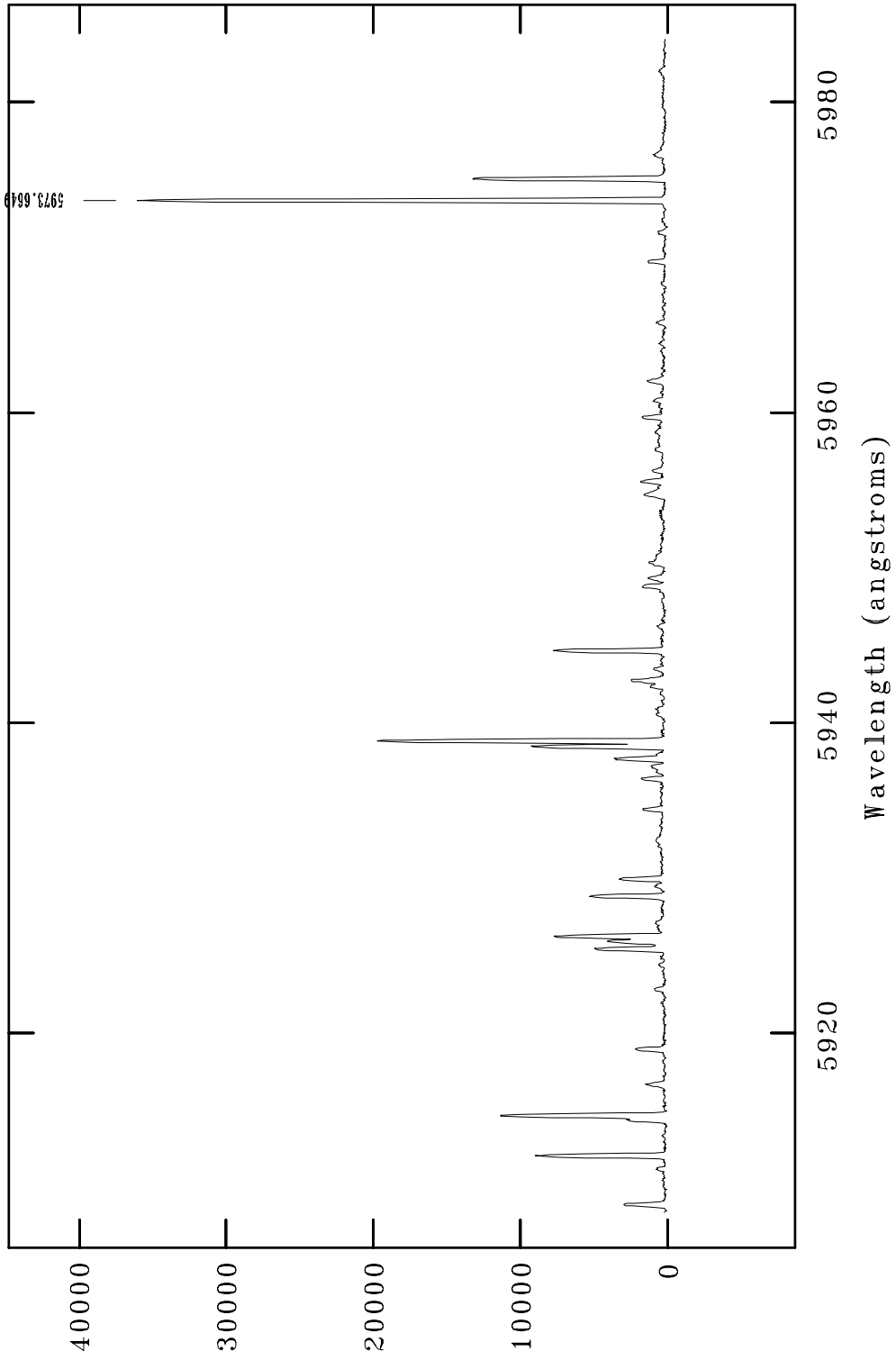
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:45:17 22-Jun-2006
Aperture 59, Image line 59, Order 98
ecidentify waveref: Wavelength reference



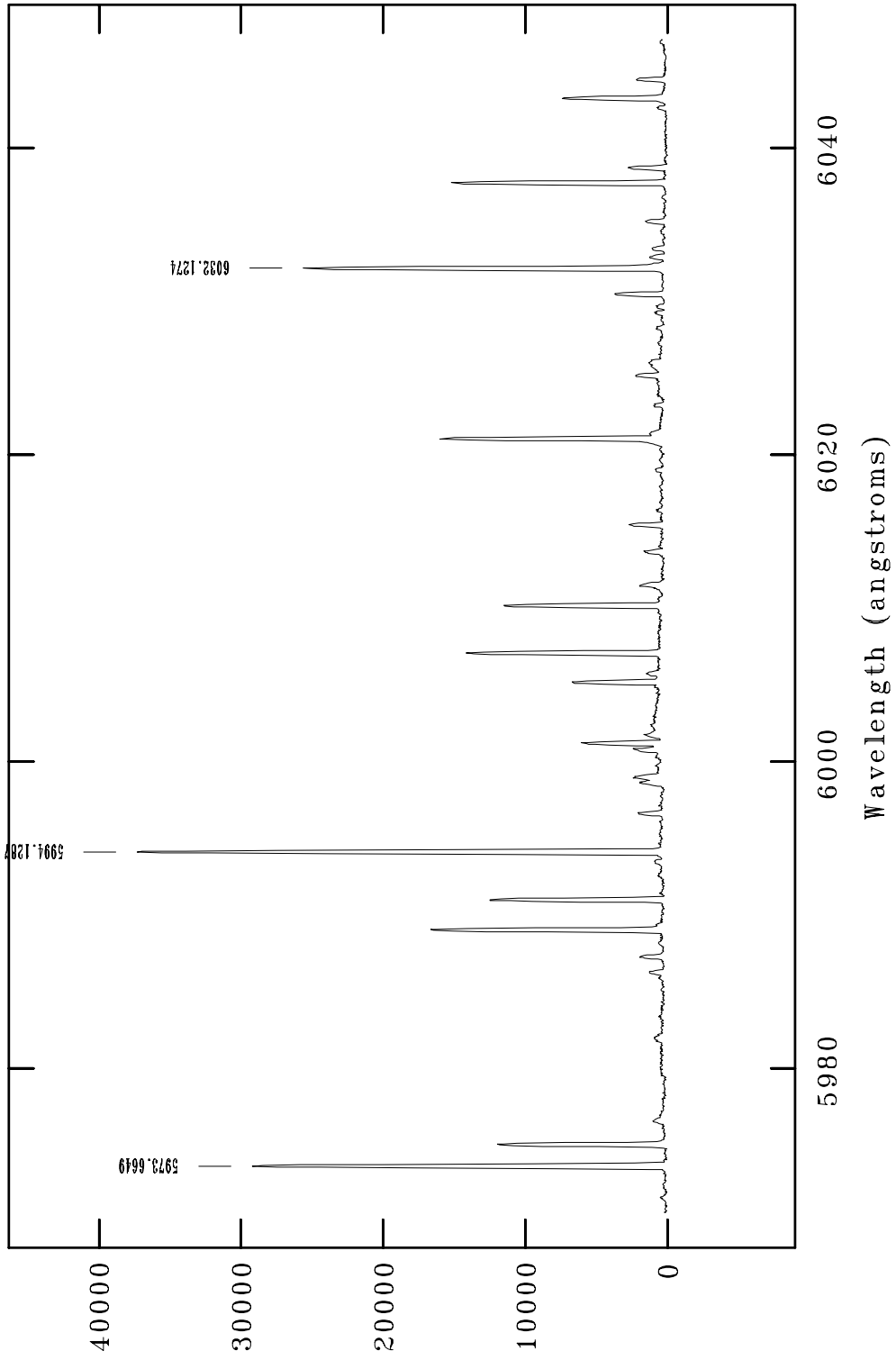
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:45:19 22-Jun-2006
Aperture 60, Image line 60, Order 97
ecidentify waveref: Wavelength reference



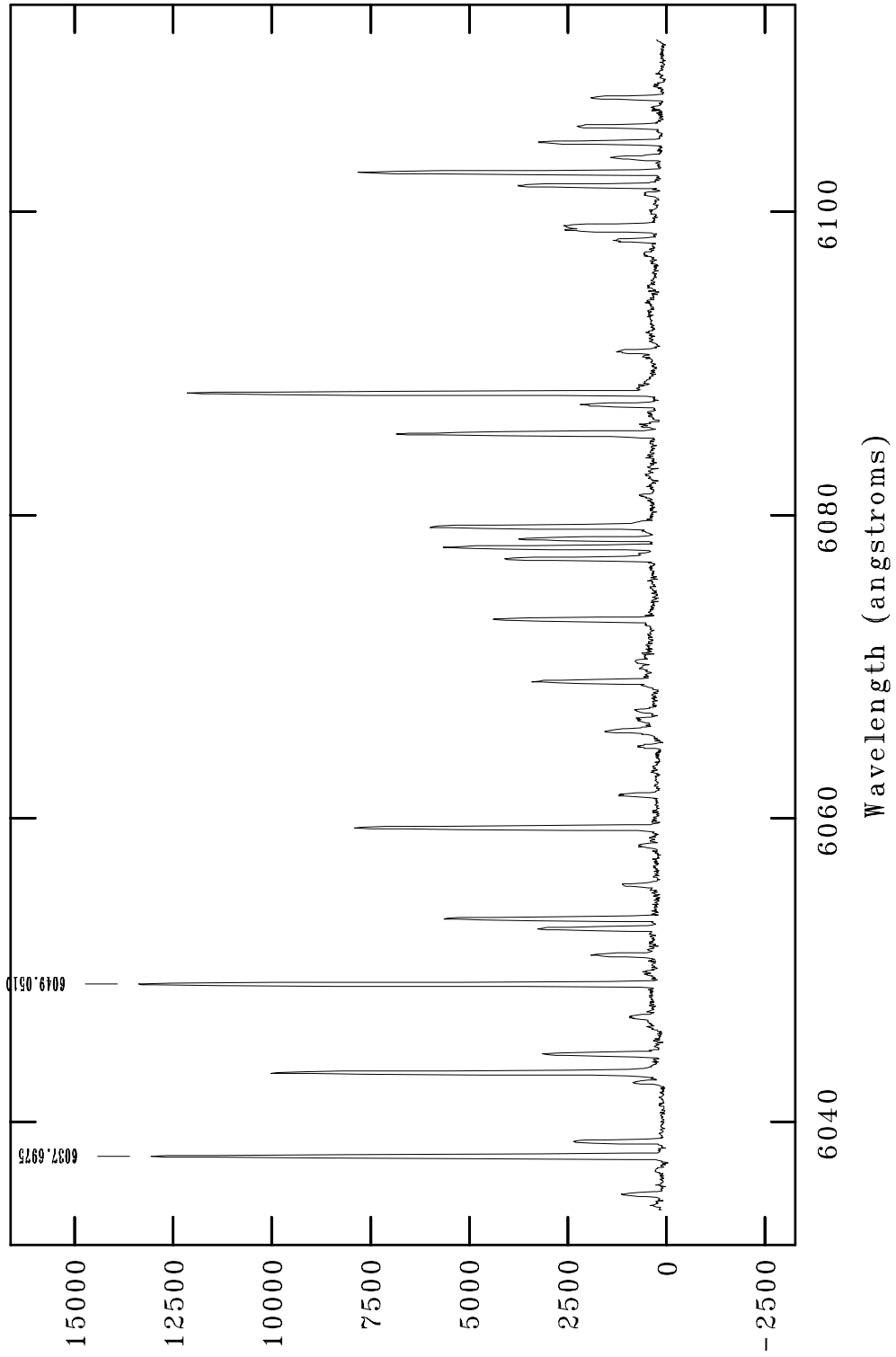
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:45:23 22-Jun-2006
Aperture 61, Image line 61, Order 96
ecidentify waveref: Wavelength reference



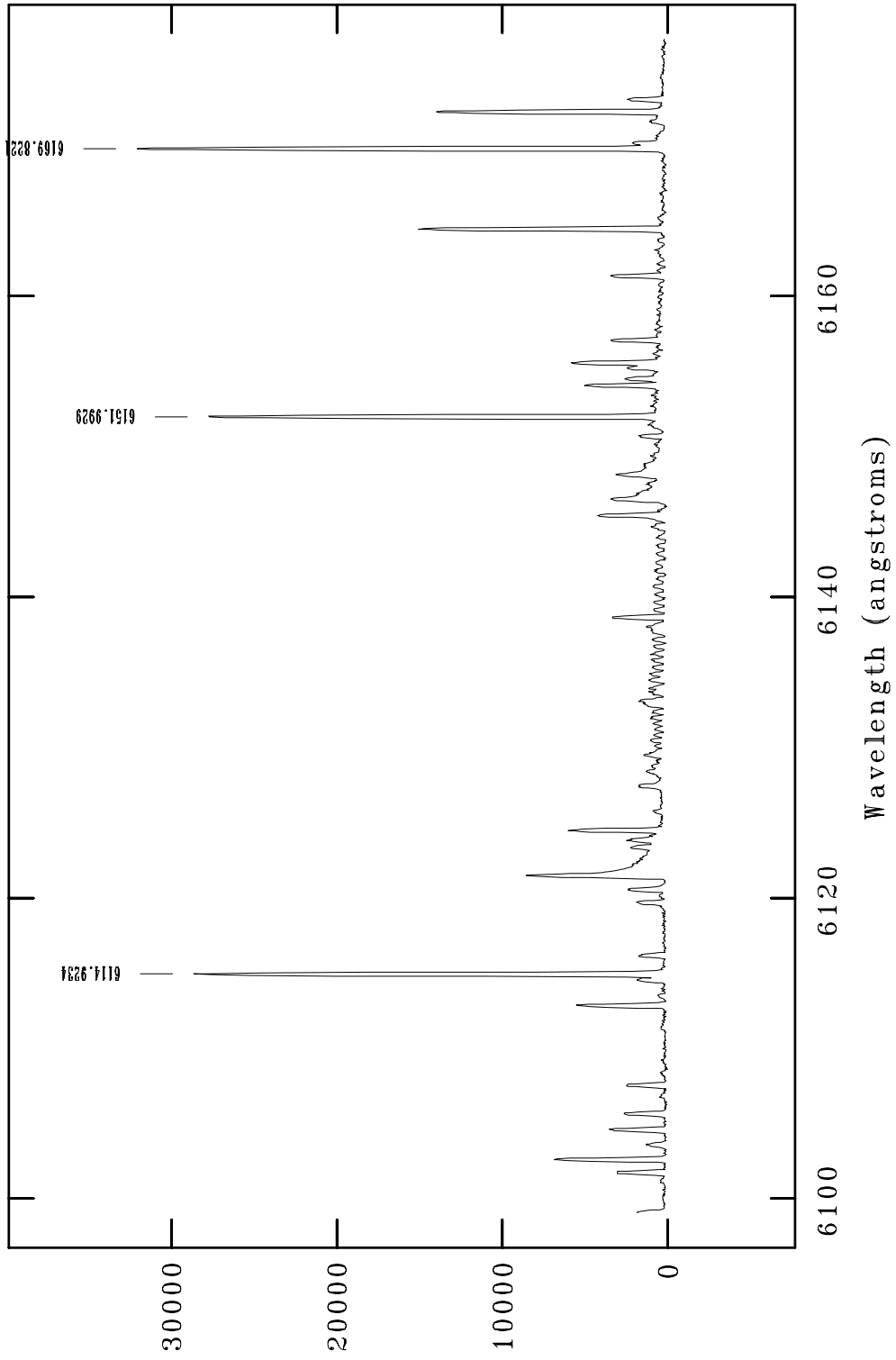
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:45:26 22-Jun-2006
Aperture 62, Image line 62, Order 95
ecidentify waveref: Wavelength reference



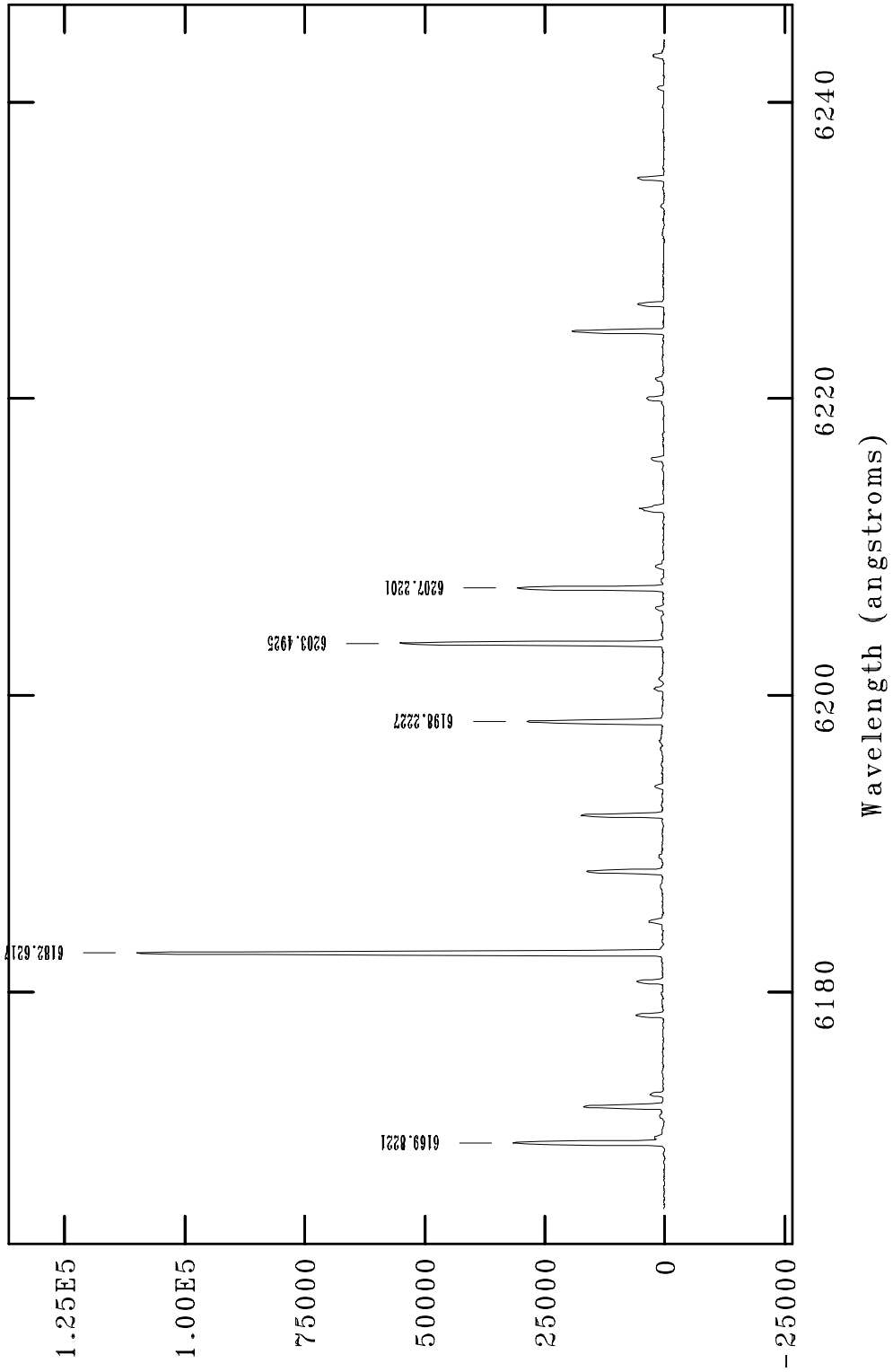
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:45:29 22-Jun-2006
Aperture 63, Image line 63, Order 94
ecidentify waveref: Wavelength reference



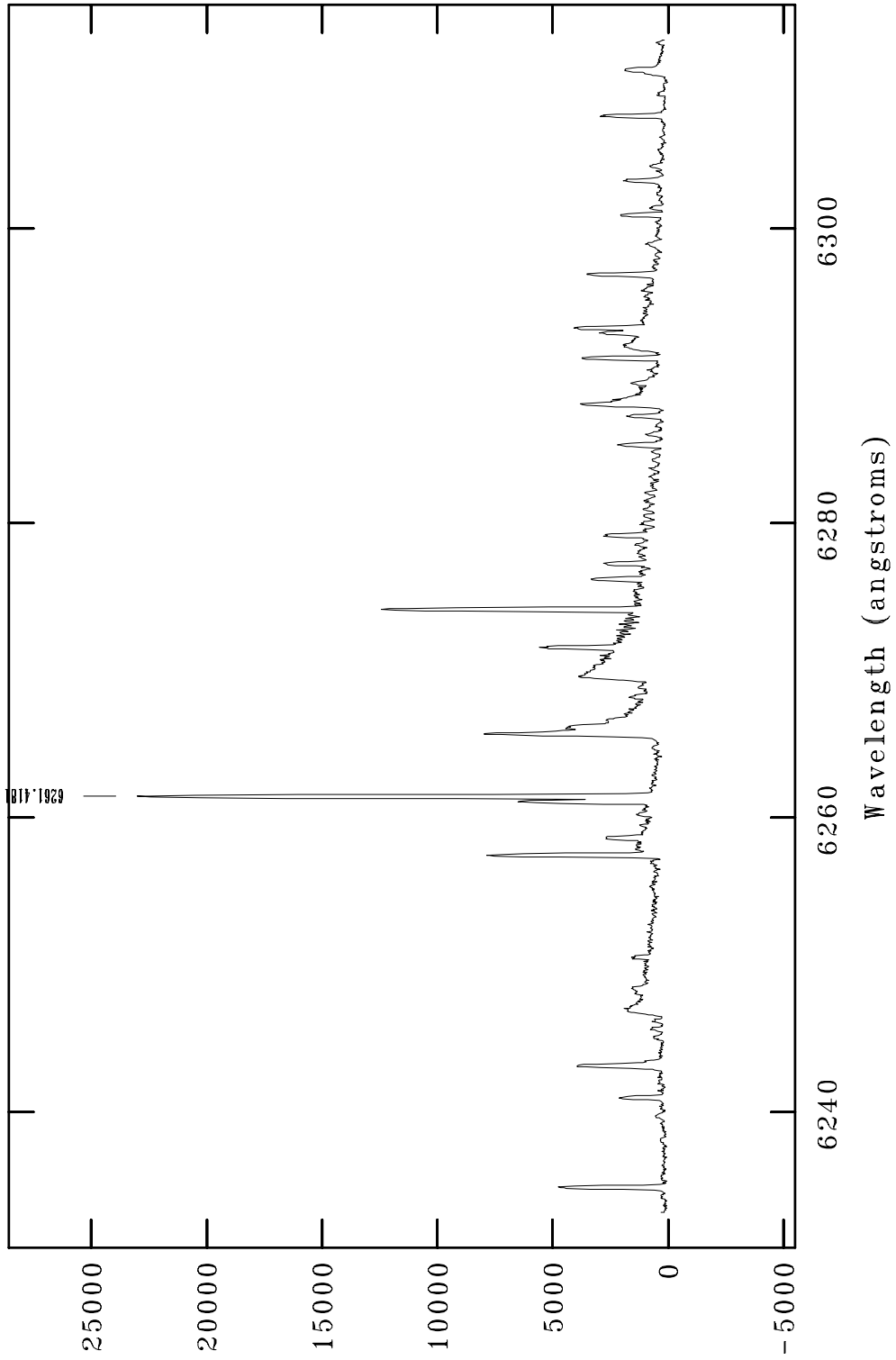
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:45:31 22-Jun-2006
Aperture 64, Image line 64, Order 93
ecidentify waveref: Wavelength reference



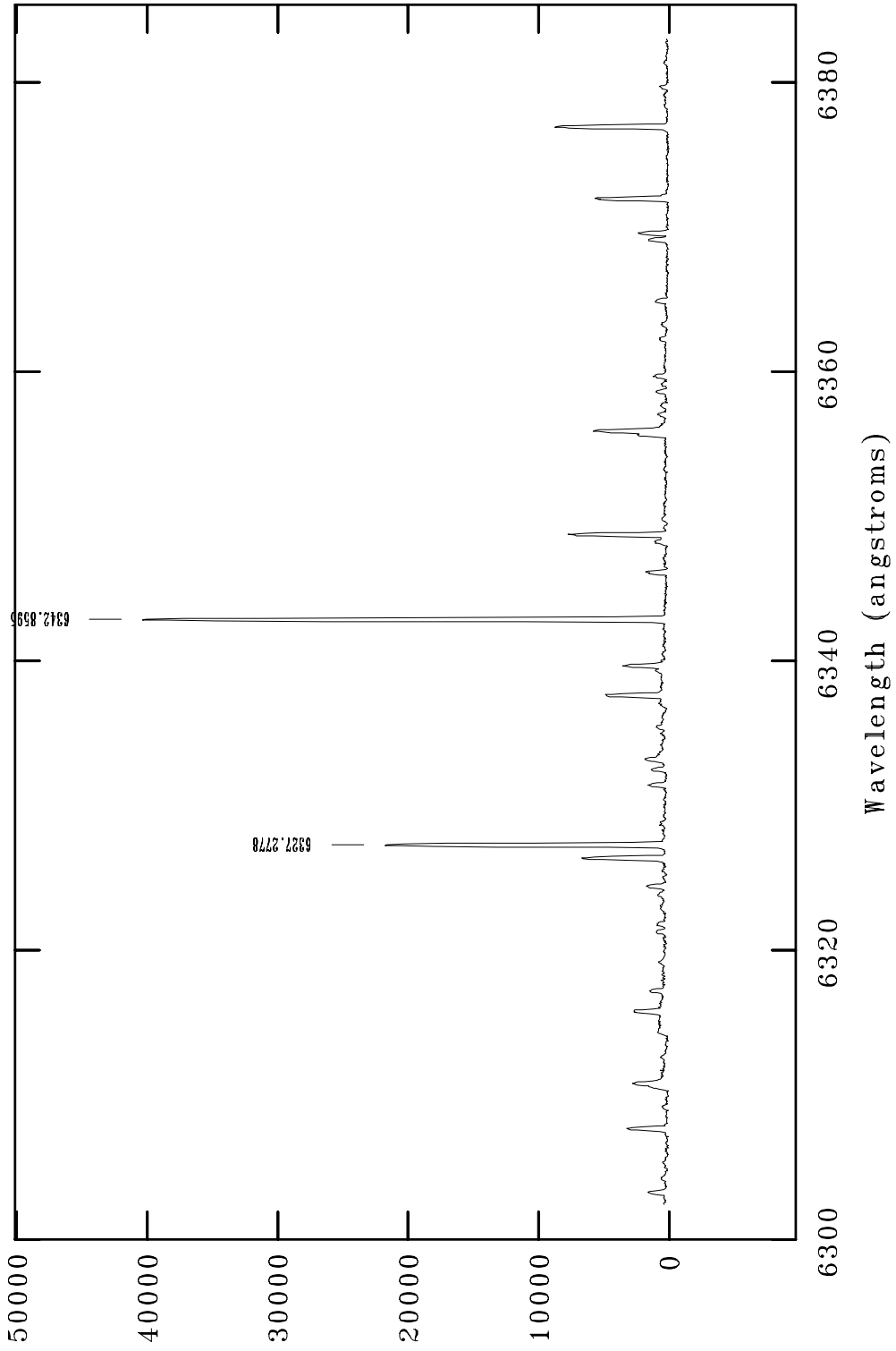
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:45:34 22-Jun-2006
Aperture 65, Image line 65, Order 92
ecidentify waveref: Wavelength reference



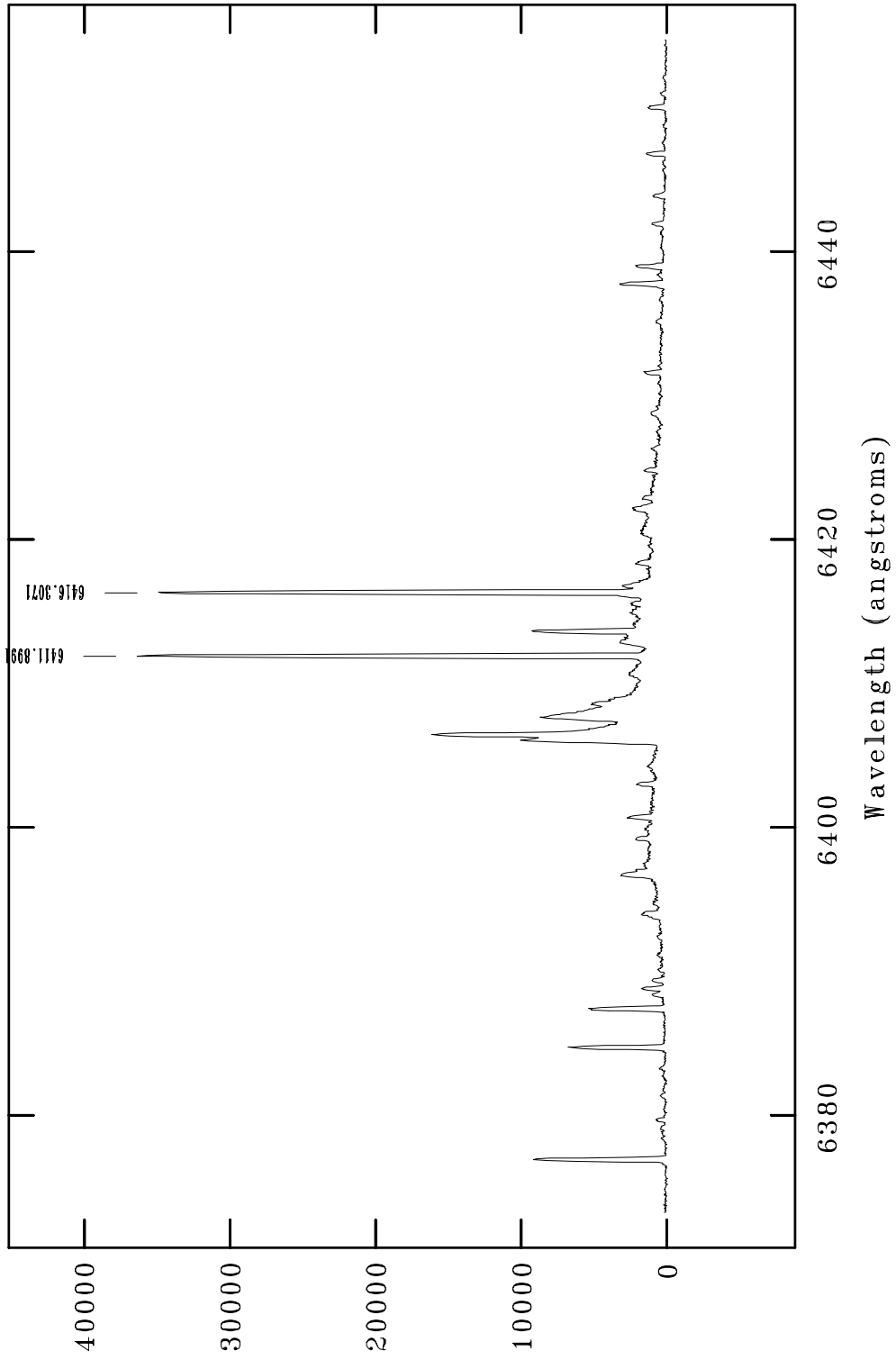
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:45:37 22-Jun-2006
Aperture 66, Image line 66, Order 91
ecidentify waveref: Wavelength reference



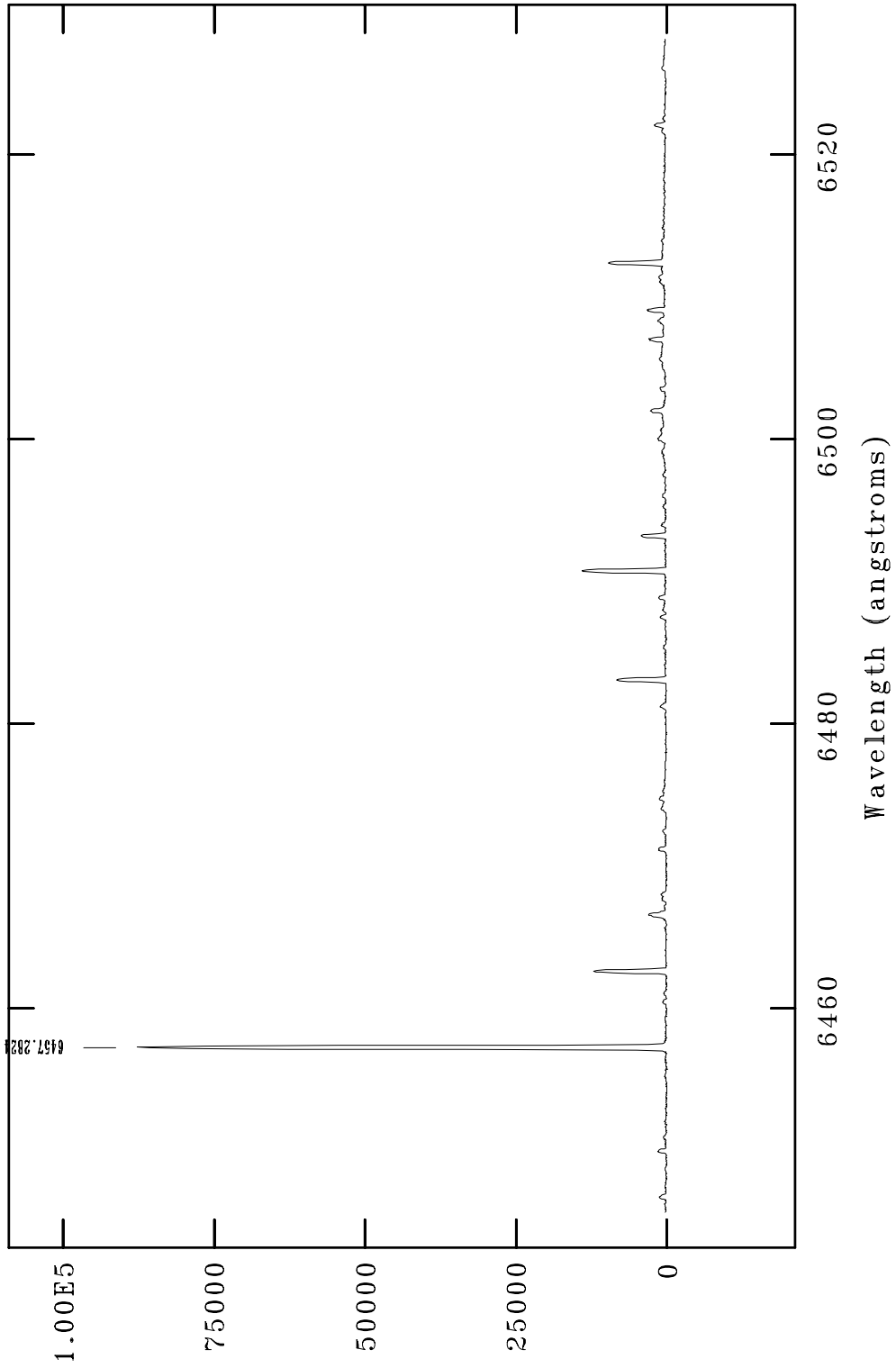
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:45:40 22-Jun-2006
Aperture 67, Image line 67, Order 90
ecidentify waveref: Wavelength reference



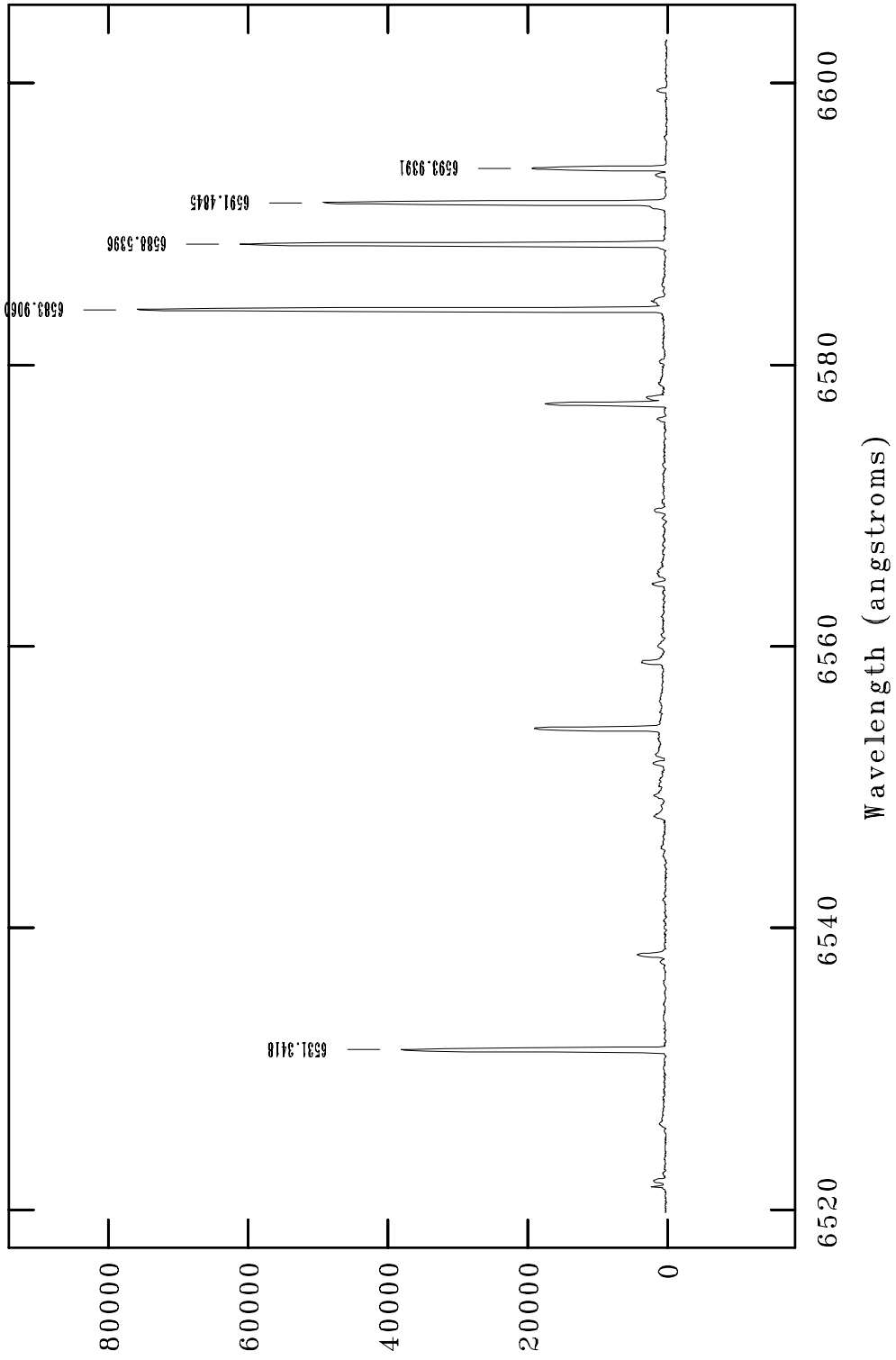
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:45:44 22-Jun-2006
Aperture 68, Image line 68, Order 89
ecidentify waveref: Wavelength reference



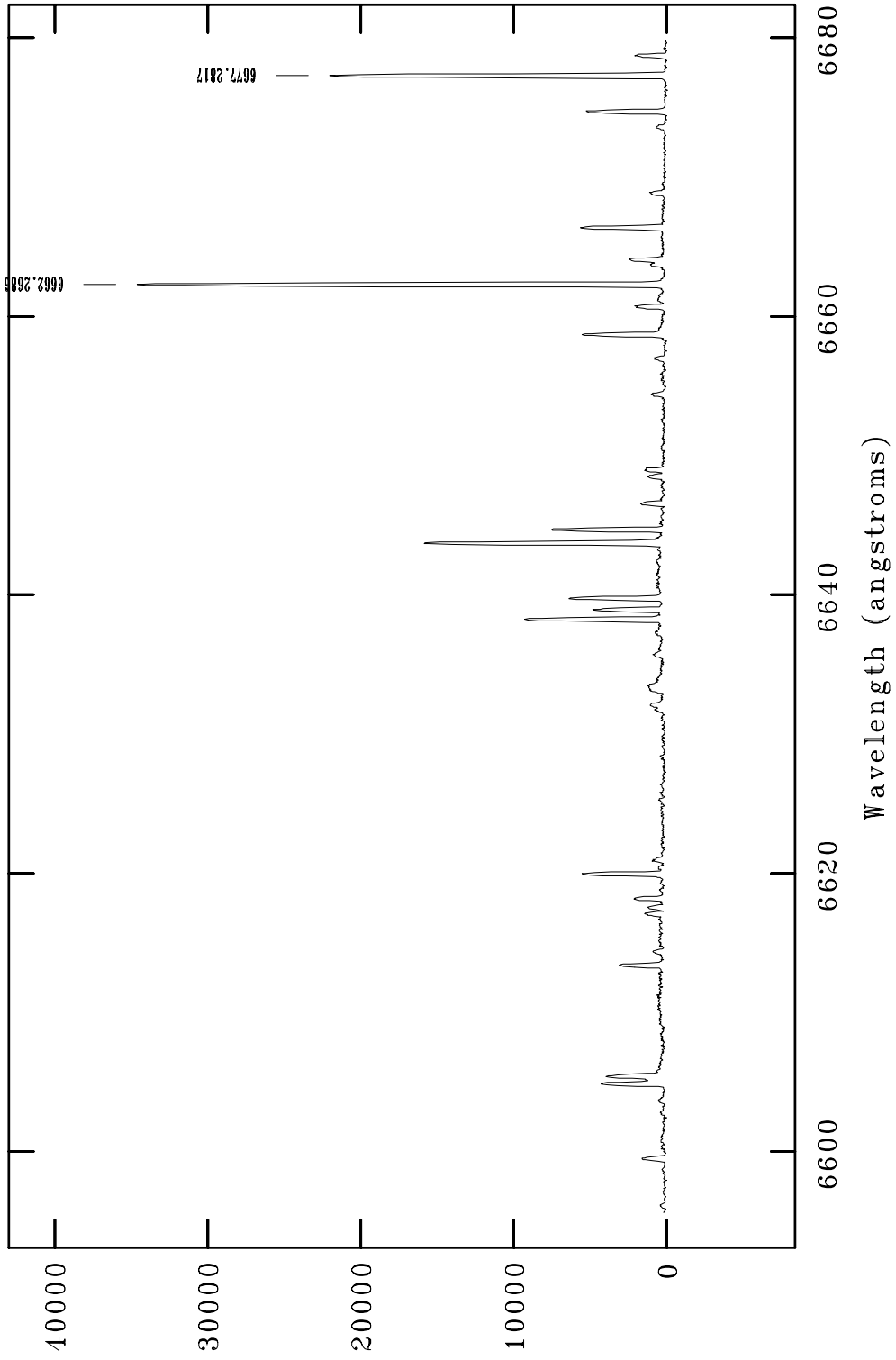
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:45:47 22-Jun-2006
Aperture 69, Image line 69, Order 88
ecidentify waveref: Wavelength reference



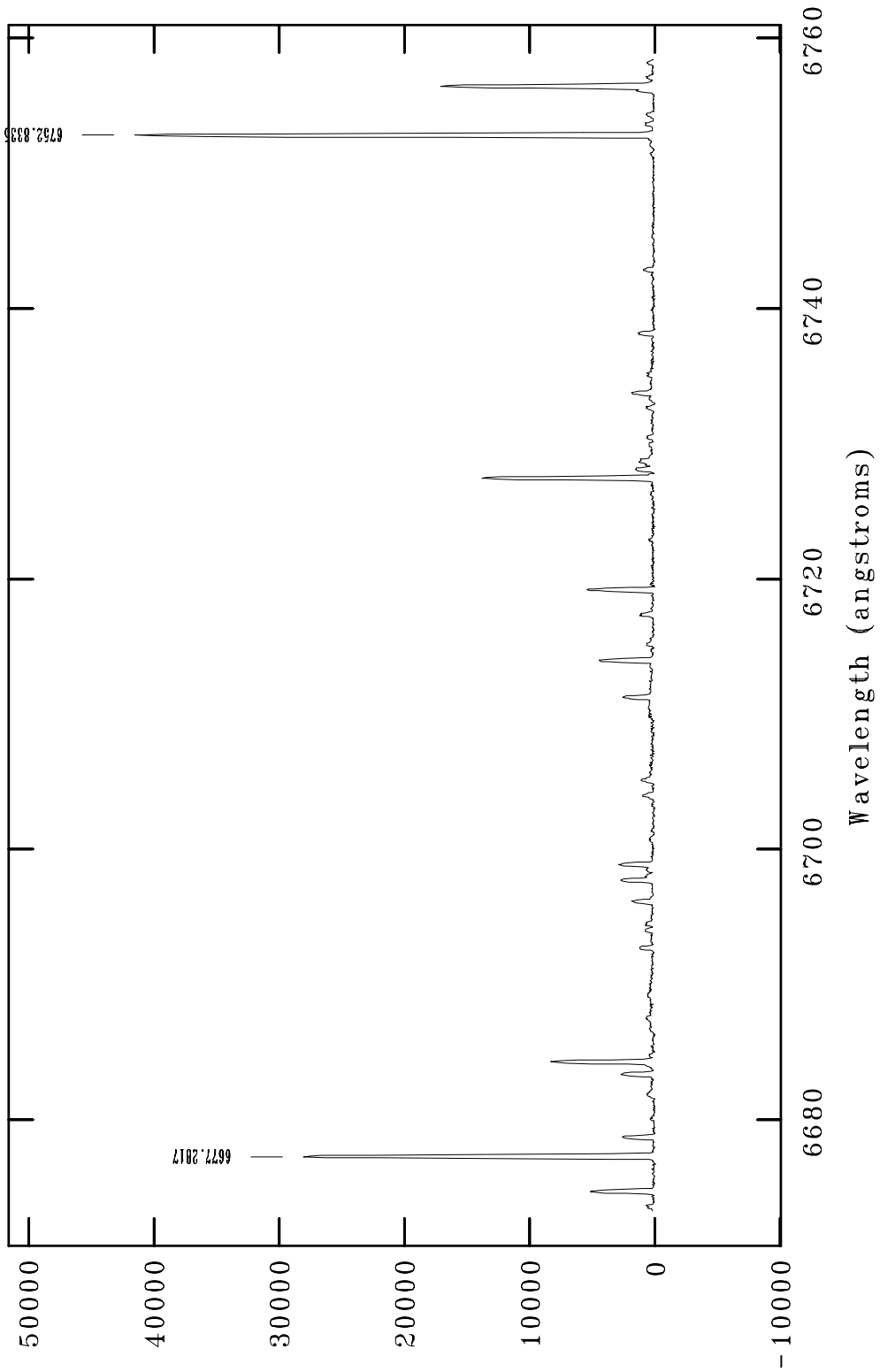
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:45:50 22-Jun-2006
Aperture 70, Image line 70, Order 87
ecidentify waveref: Wavelength reference



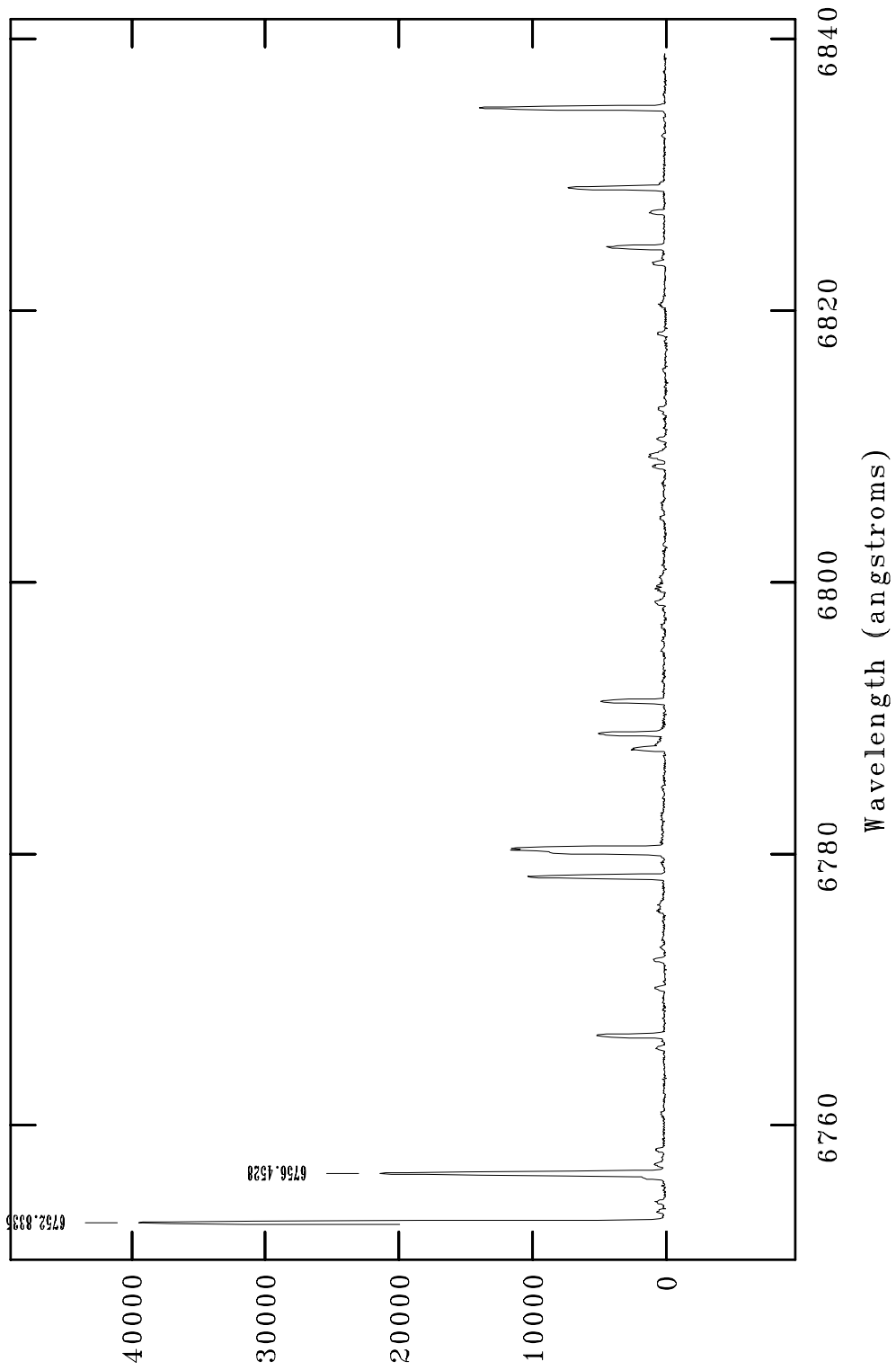
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:45:53 22-Jun-2006
Aperture 71, Image line 71, Order 86
ecidentify waveref: Wavelength reference



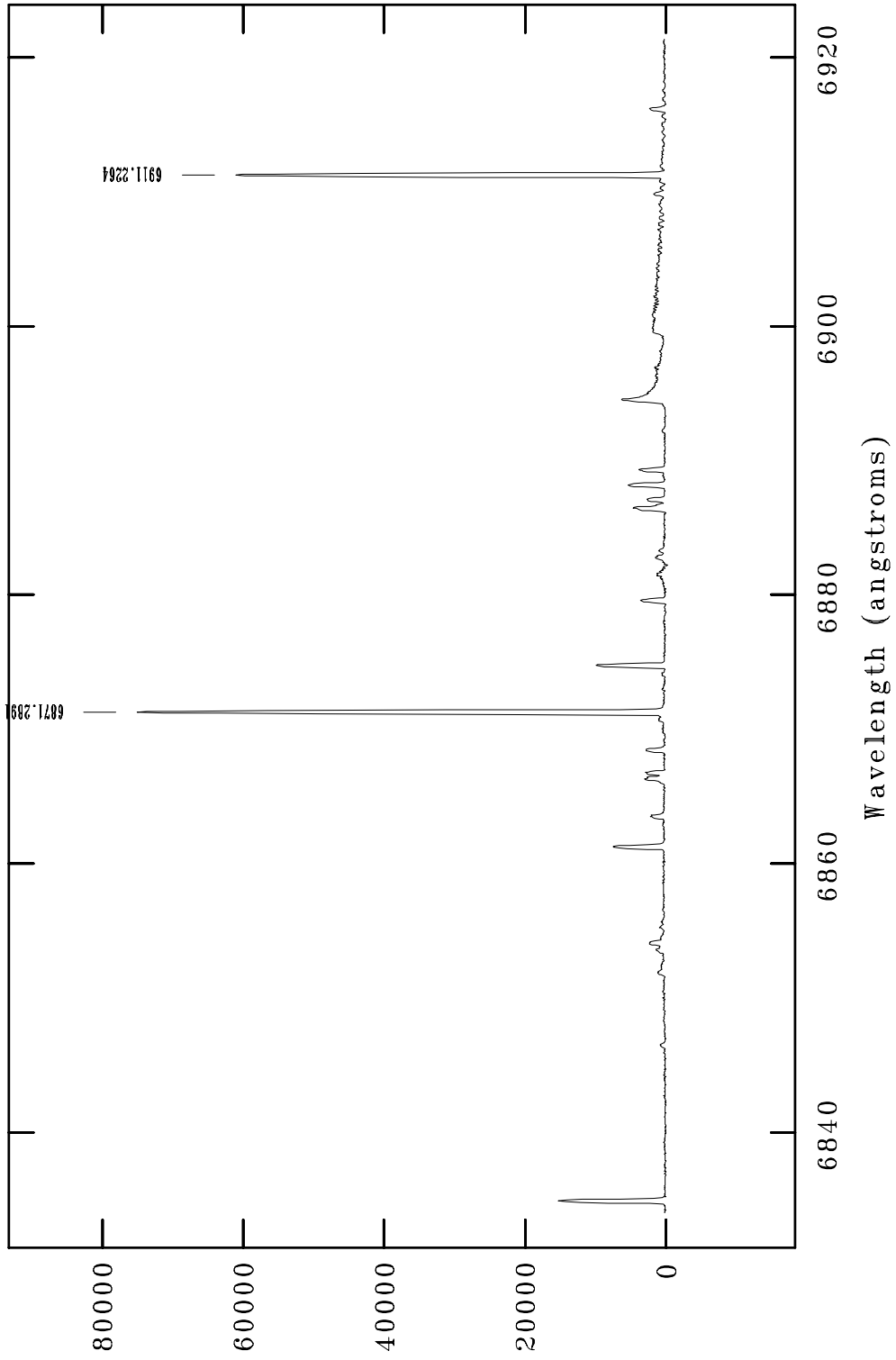
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:45:55 22-Jun-2006
Aperture 72, Image line 72, Order 85
ecidentify waveref: Wavelength reference



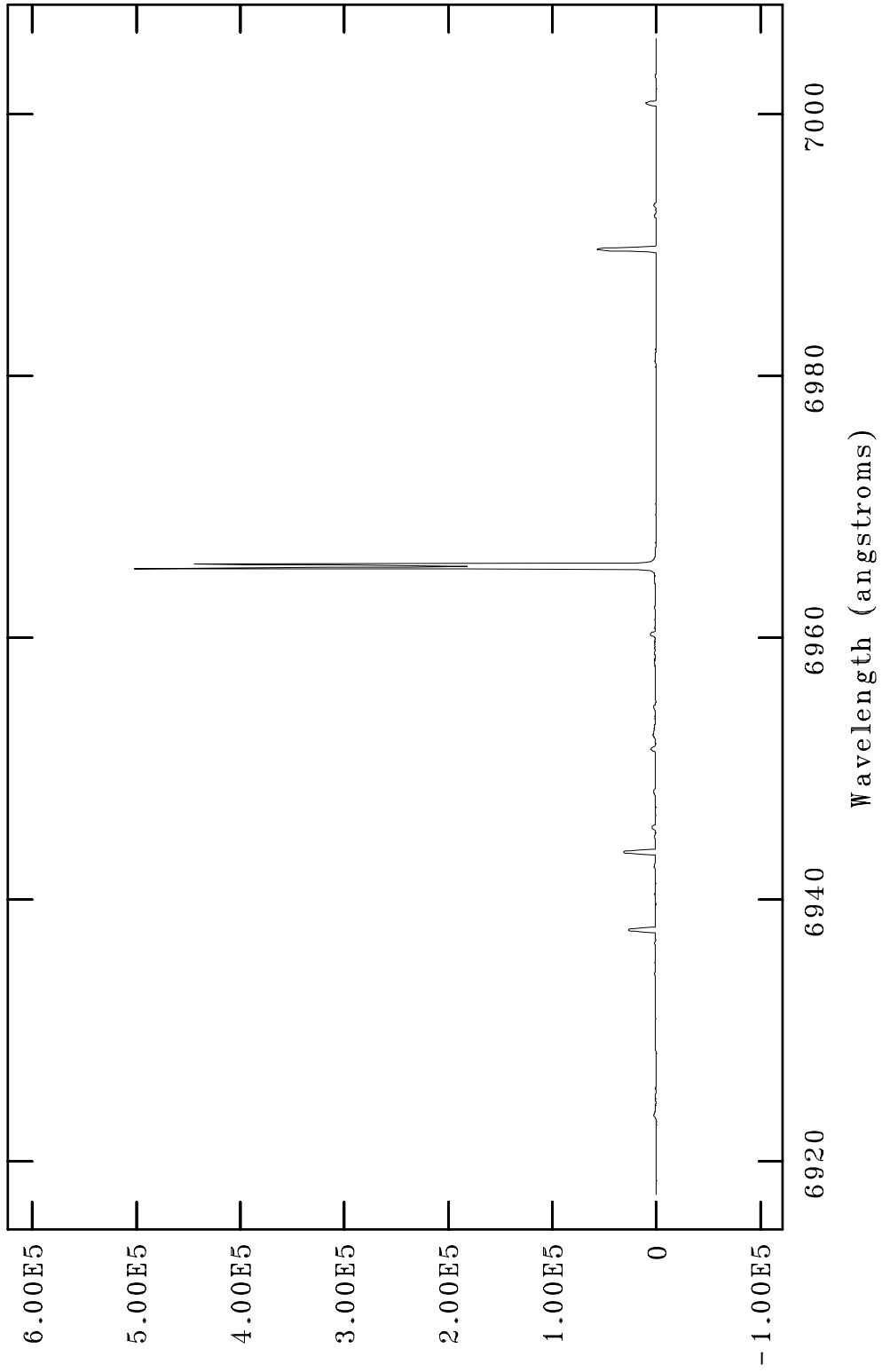
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:45:59 22-Jun-2006
Aperture 73, Image line 73, Order 84
ecidentify waveref: Wavelength reference



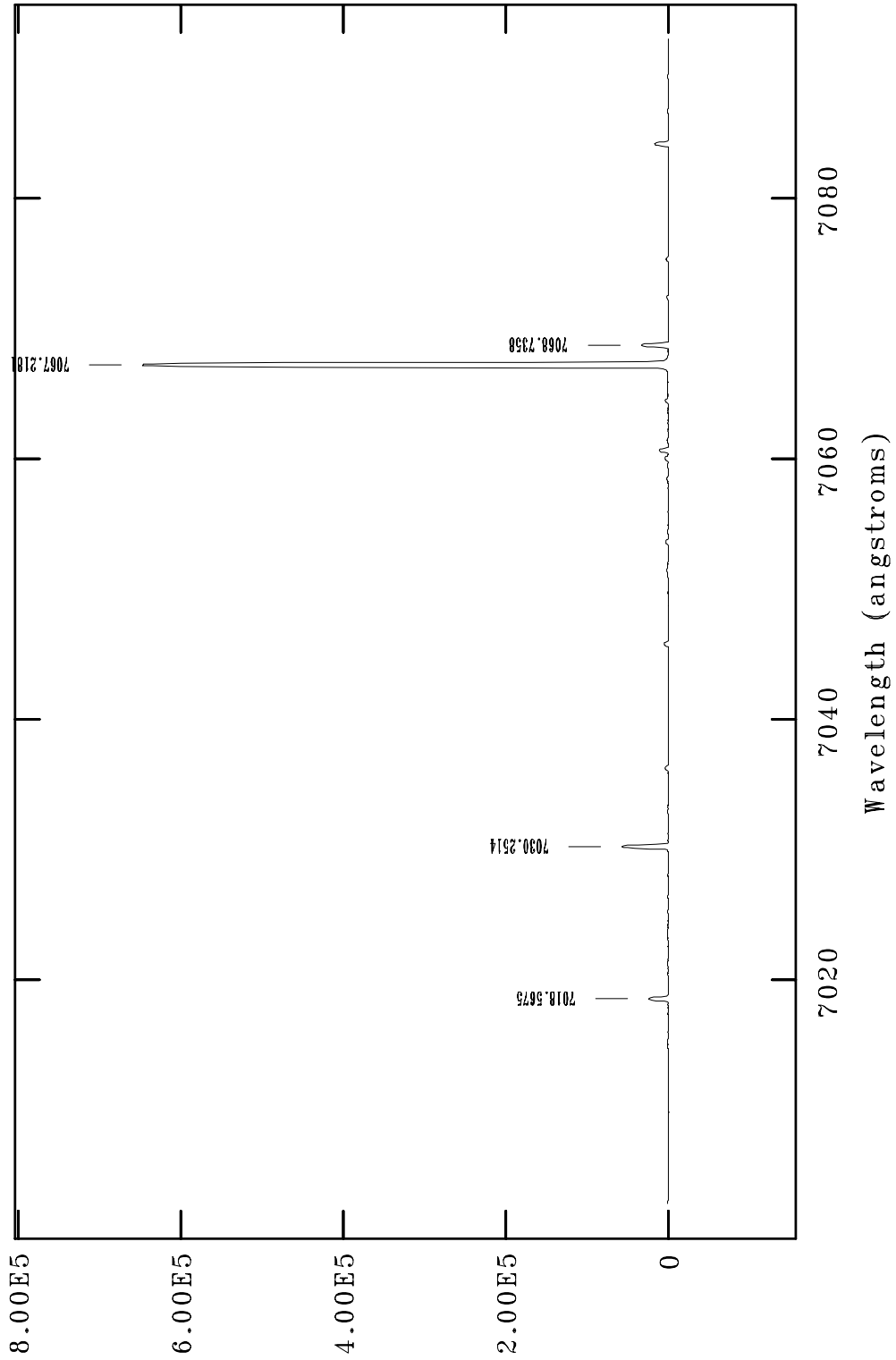
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:46:01 22-Jun-2006
Aperture 74, Image line 74, Order 83
ecidentify waveref: Wavelength reference



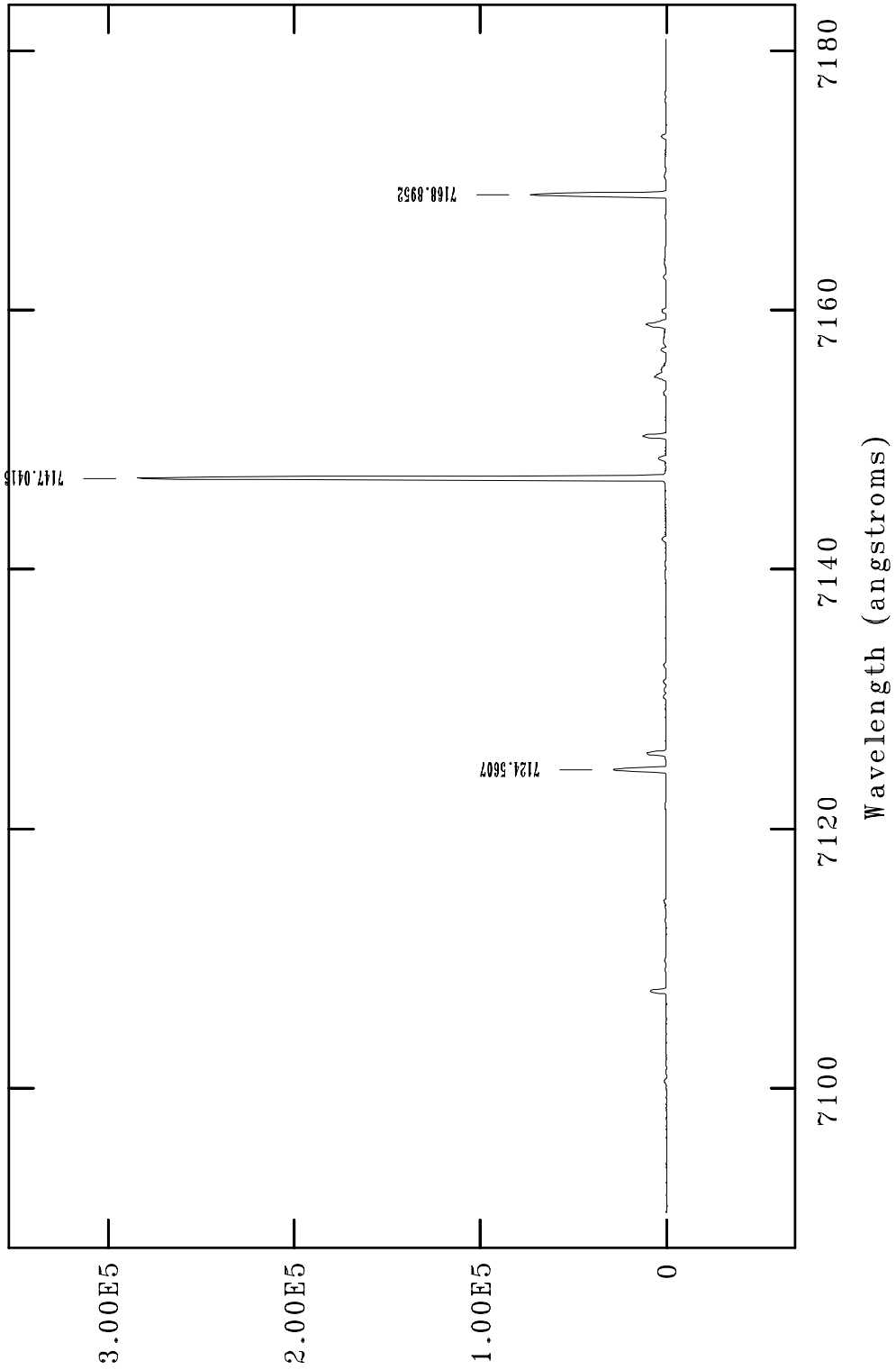
NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:46:04 22-Jun-2006
Aperture 75, Image line 75, Order 82
ecidentify waveref: Wavelength reference



NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:46:13 22-Jun-2006
Aperture 76, Image line 76, Order 81
ecidentify waveref: Wavelength reference



NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:46:17 22-Jun-2006
Aperture 77, Image line 77, Order 80
ecidentify waveref: Wavelength reference



NOAO/IRAF V2.12.2-EXPORT stempels@fiona Thu 13:46:21 22-Jun-2006
Aperture 78, Image line 78, Order 79
ecidentify waveref: Wavelength reference

