

# DQM Report for run number 147

pysimdamicm.dqm.dqm\_manager

November 14, 2021

Data directory:

/data/calidaq\_backup/DataTaking/Co57/Run\_147

Output directory:

/data/chicago/ComptonData/WADERS/Co57

Reference used:

None

Total images: 401

## List of Figures

1	Active Area. Median dark current (only $q_{i,j} < q_i^{th}$ ) vs row . . . . .	10
2	Slope DC fit (from MEMeanDCperRow) vs file . . . . .	10
3	Intercept DC fit (from MEMeanDCperRow) vs file . . . . .	11
4	Active area. Baseline vs row . . . . .	11
5	Active area. MAD vs row . . . . .	12
6	Full Image. Baseline vs column . . . . .	12
7	Full Image. MAD vs column . . . . .	13
8	Overscan. Baseline vs row . . . . .	13
9	Overscan. MAD vs row . . . . .	14
10	PedestalSubtractionProcess: mean pedestal vs file (gauss fit) . . . . .	14
11	PedestalSubtractionProcess: mean sigma vs file (gauss fit) . . . . .	15
12	PedestalSubtractionProcess: mean pedestal vs file (gauss fit) . . . . .	15
13	PedestalSubtractionProcess: mean sigma vs file (gauss fit) . . . . .	16
14	Masked pixels . . . . .	17
15	Masked pixels . . . . .	18
16	Number of pixels with $E > 300.0$ eV vs file . . . . .	19
17	Number of pixels with $E > 300.0$ eV vs file . . . . .	19
18	Pixel Charge Distribution . . . . .	20
19	Pixel Charge Distribution . . . . .	21
20	Zero electron peak (from MEFitDC per Row) vs row . . . . .	22
21	Electron Single Resolution (from MEFitDC per Row) vs row . . . . .	23
22	Dark current (from MEFitDC per Row) vs row . . . . .	23
23	Zero electron peak (from MEFitDC) vs Image . . . . .	24
24	Electron Single Resolution (from MEFitDC) vs Image . . . . .	24
25	Dark current (from MEFitDC per Row) vs Image . . . . .	25
26	Calibration constant (from MEFitDC) vs Image . . . . .	25
27	<i>Overscan. PCD Gaussian fit: <math>\mu_0</math></i> . . . . .	26
28	<i>Overscan. PCD Gaussian fit: <math>\sigma_0</math></i> . . . . .	26
29	Electronic column transient showing an exponential behaviour . . . . .	27
30	Column transient decay constant (from MEColTransient) vs Image . . . . .	27
31	Column transient amplitude (from MEColTransient) vs Image . . . . .	28
32	CCD Image . . . . .	29
33	CCD Image . . . . .	30
34	CCD Image . . . . .	31
35	CCD Image . . . . .	32

36	CCD Image . . . . .	33
37	CCD Image . . . . .	34
38	CCD Image . . . . .	35
39	CCD Image . . . . .	36
40	CCD Image . . . . .	37
41	CCD Image . . . . .	38
42	CCD Image . . . . .	39
43	CCD Image . . . . .	40
44	CCD Image . . . . .	41
45	CCD Image . . . . .	42
46	CCD Image . . . . .	43
47	CCD Image . . . . .	44
48	CCD Image . . . . .	45
49	CCD Image . . . . .	46
50	CCD Image . . . . .	47
51	CCD Image . . . . .	48
52	CCD Image . . . . .	49
53	CCD Image . . . . .	50
54	CCD Image . . . . .	51
55	CCD Image . . . . .	52
56	CCD Image . . . . .	53
57	CCD Image . . . . .	54
58	CCD Image . . . . .	55
59	CCD Image . . . . .	56
60	CCD Image . . . . .	57
61	CCD Image . . . . .	58
62	CCD Image . . . . .	59
63	CCD Image . . . . .	60
64	CCD Image . . . . .	61
65	CCD Image . . . . .	62
66	CCD Image . . . . .	63
67	CCD Image . . . . .	64
68	CCD Image . . . . .	65
69	CCD Image . . . . .	66
70	CCD Image . . . . .	67
71	CCD Image . . . . .	68
72	CCD Image . . . . .	69
73	CCD Image . . . . .	70
74	CCD Image . . . . .	71
75	CCD Image . . . . .	72
76	CCD Image . . . . .	73
77	CCD Image . . . . .	74
78	CCD Image . . . . .	75
79	CCD Image . . . . .	76
80	CCD Image . . . . .	77
81	CCD Image . . . . .	78
82	CCD Image . . . . .	79
83	CCD Image . . . . .	80
84	CCD Image . . . . .	81
85	CCD Image . . . . .	82
86	CCD Image . . . . .	83
87	CCD Image . . . . .	84
88	CCD Image . . . . .	85
89	CCD Image . . . . .	86
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93	CCD Image	90
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109	CCD Image	106
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112	CCD Image	109
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121	CCD Image	118
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125	CCD Image	122
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134	CCD Image	131
135	CCD Image	132
136	CCD Image	133
137	CCD Image	134
138	CCD Image	135
139	CCD Image	136
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147	CCD Image	144

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149	CCD Image	146
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165	CCD Image	162
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415	CCD Image	412
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427	CCD Image	424



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429	CCD Image . . . . .	426
430	CCD Image . . . . .	427
431	CCD Image . . . . .	428
432	CCD Image . . . . .	429
433	Overscan. Baseline Shift Status vs Image . . . . .	430
434	Overscan. Horizontal Clusters vs Image . . . . .	430
435	Overscan. Miscellaneous Noise Found Status . . . . .	431

Active Area. Median dark current (only  $q_{i,j} < q_i^{th}$ ) vs row  
 [class MEMeanDCperRow]

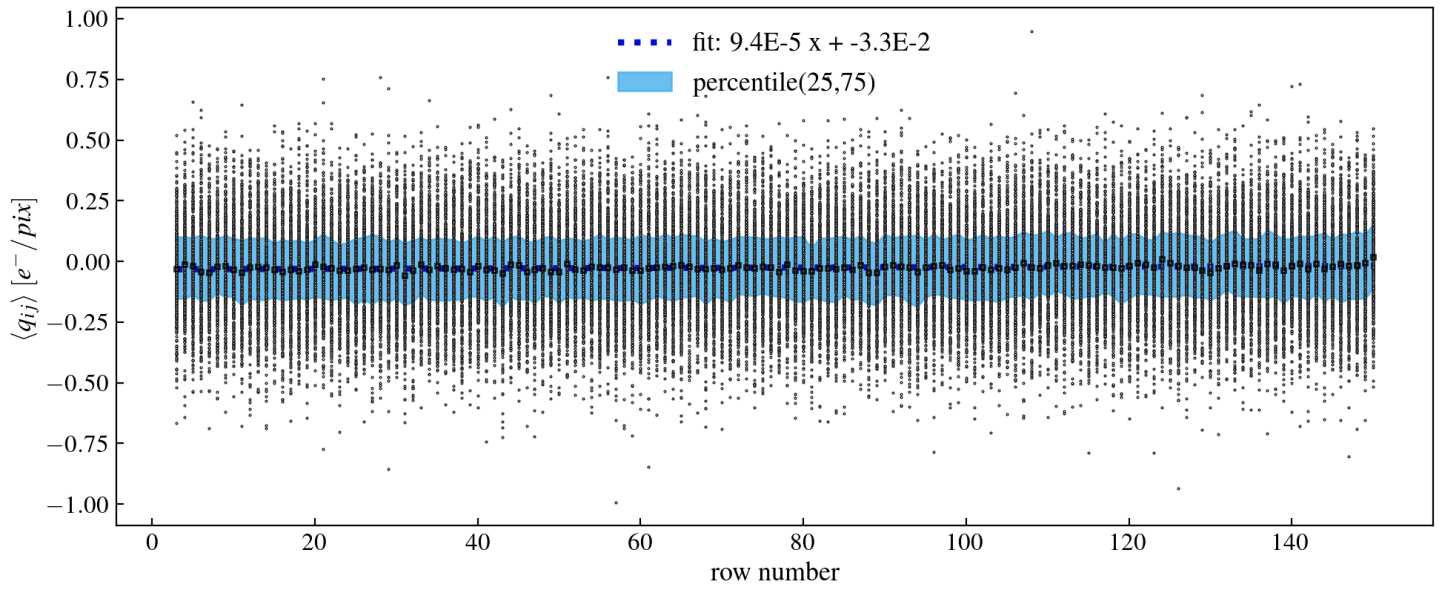


Figure 1: Active Area. Median dark current (only  $q_{i,j} < q_i^{th}$ ) vs row

Slope DC fit (from MEMeanDCperRow) vs file  
 [class MEDCslope]

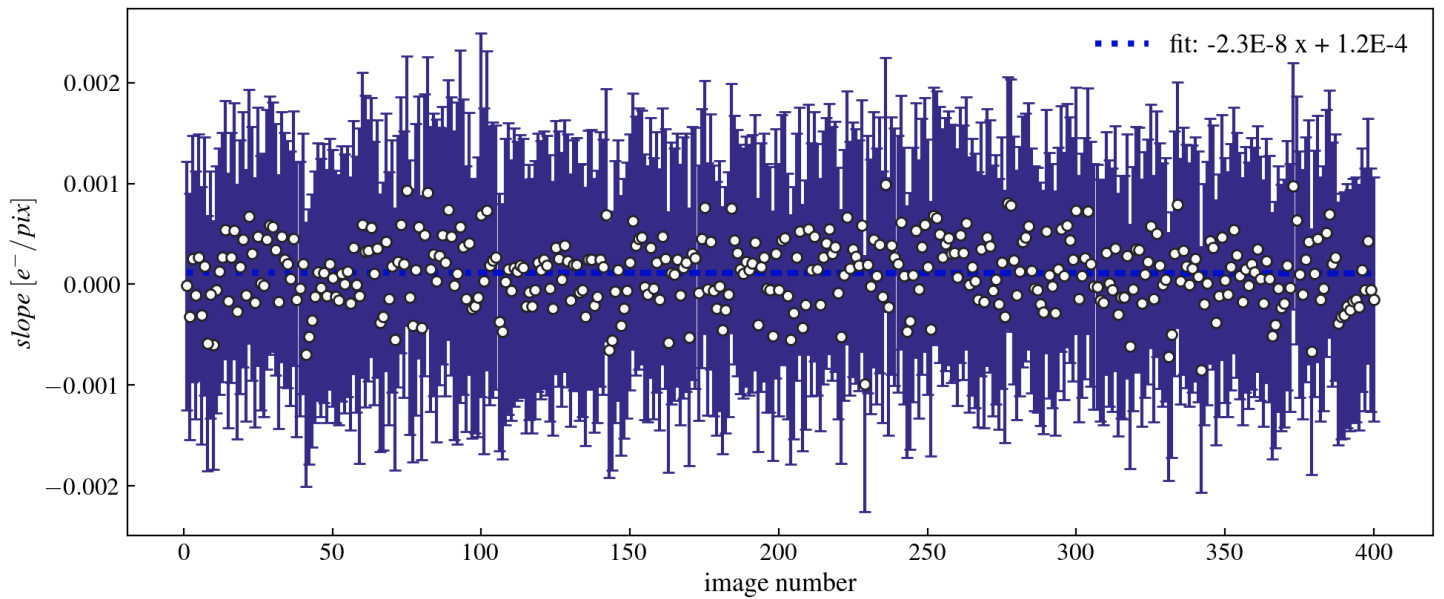


Figure 2: Slope DC fit (from MEMeanDCperRow) vs file

Intercept DC fit (from MEMeanDCperRow) vs file  
[class MEDCintercept]

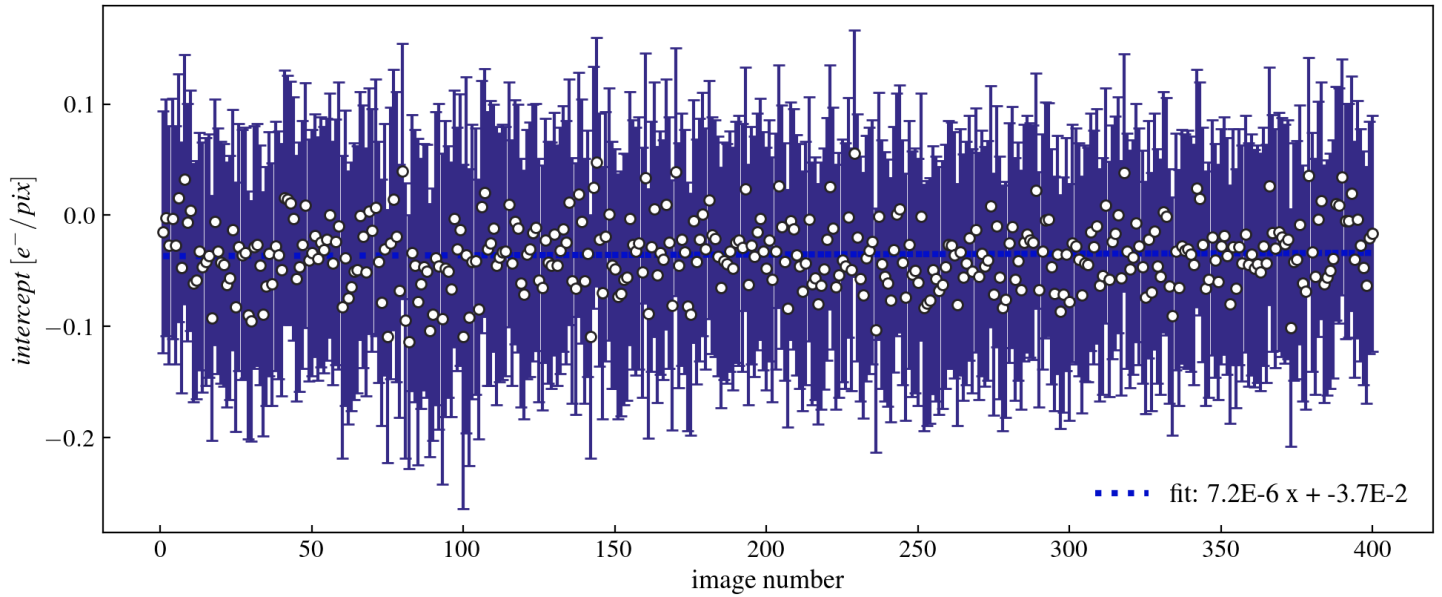


Figure 3: Intercept DC fit (from MEMeanDCperRow) vs file

Active area. Baseline vs row  
[class MESensorMedianperRow]

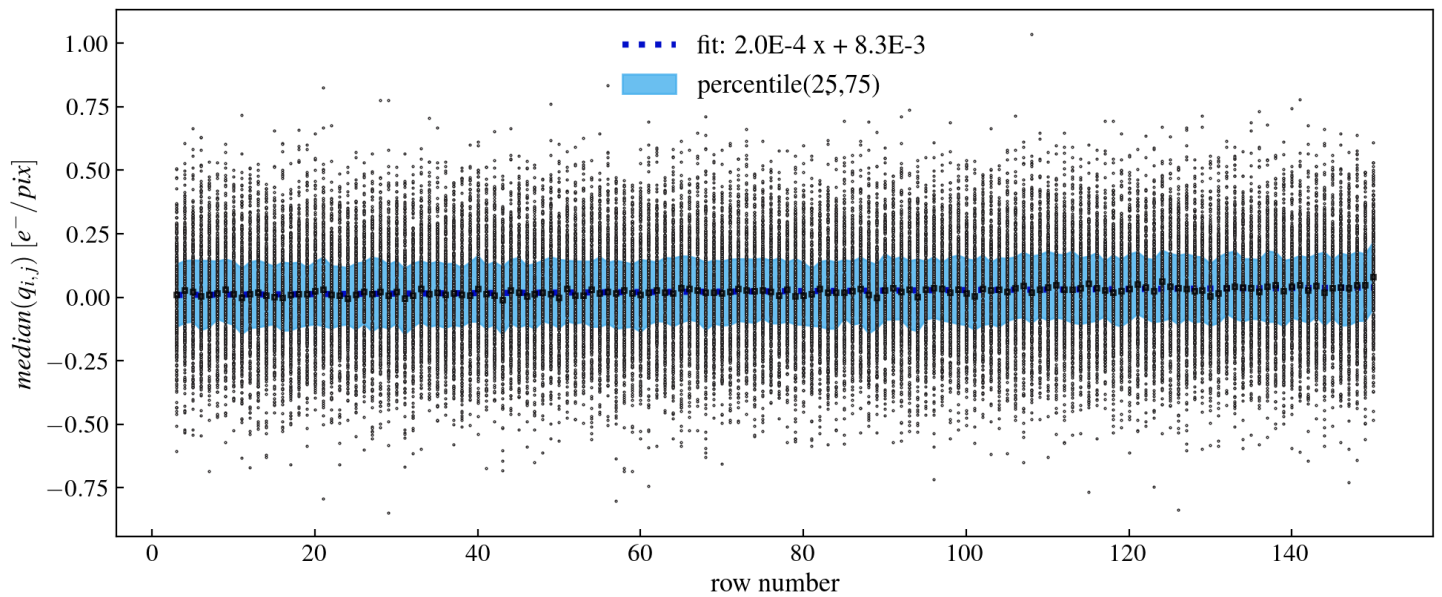


Figure 4: Active area. Baseline vs row

Active area. MAD vs row  
[class MESensorMADperRow]

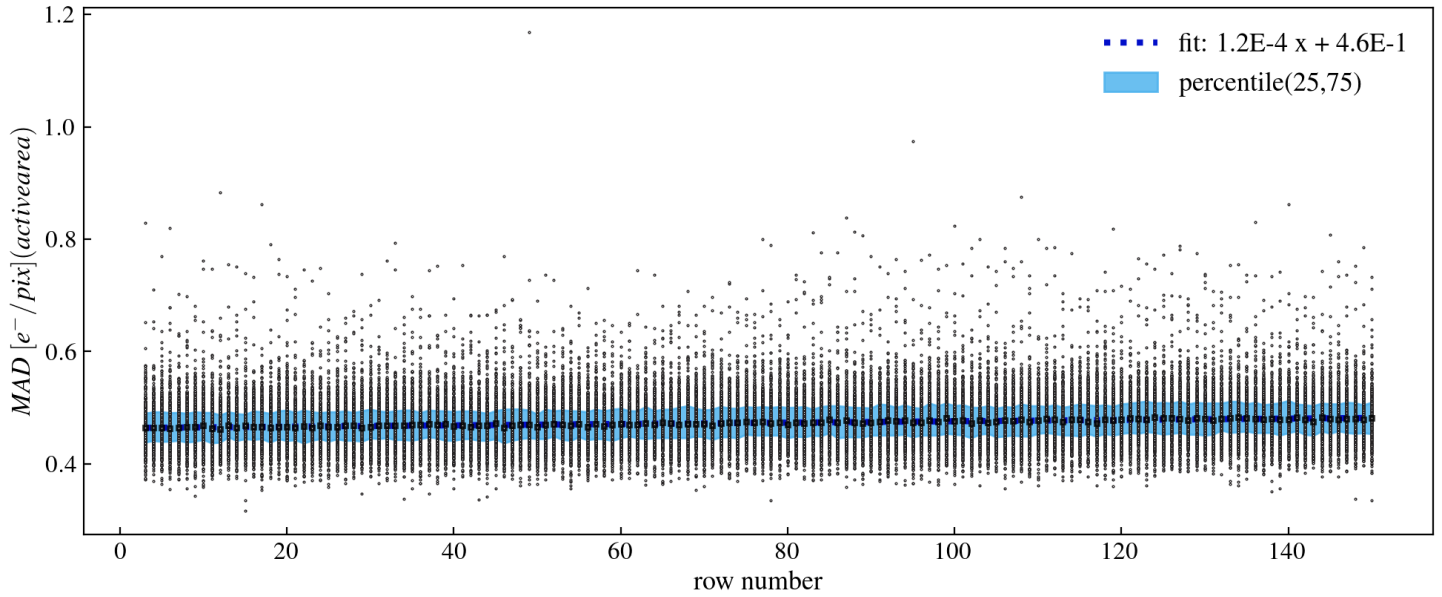


Figure 5: Active area. MAD vs row

Full Image. Baseline vs column  
[class MEImageMedianperCol]

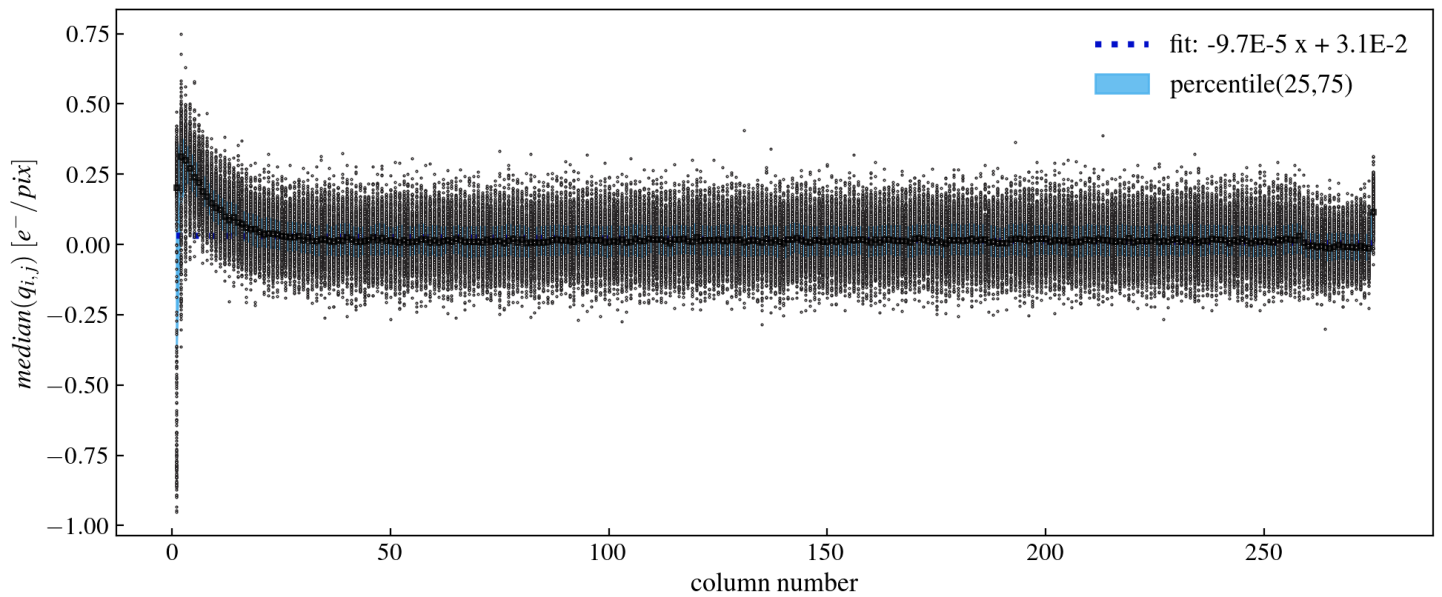


Figure 6: Full Image. Baseline vs column

Full Image. MAD vs column  
[class MEImageMADperCol]

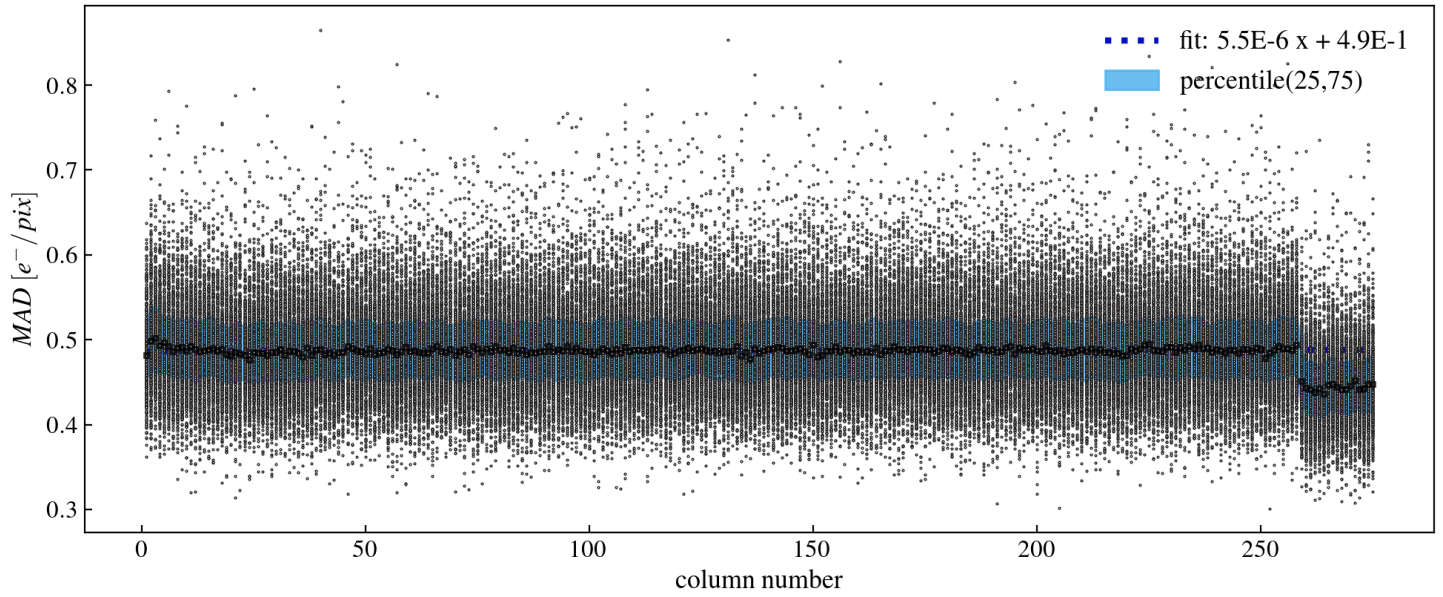


Figure 7: Full Image. MAD vs column

Overscan. Baseline vs row  
[class MEOverscanMedianperRow]

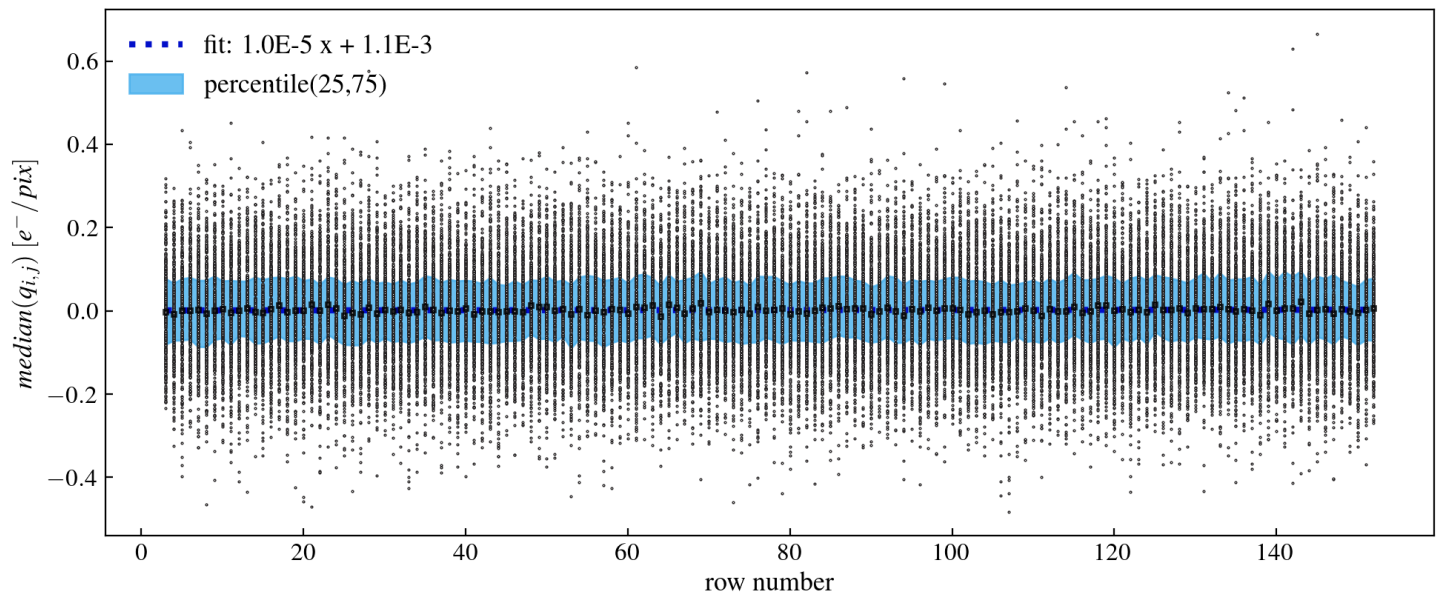


Figure 8: Overscan. Baseline vs row

Overscan. MAD vs row  
[class MEOverScanMADperRow]

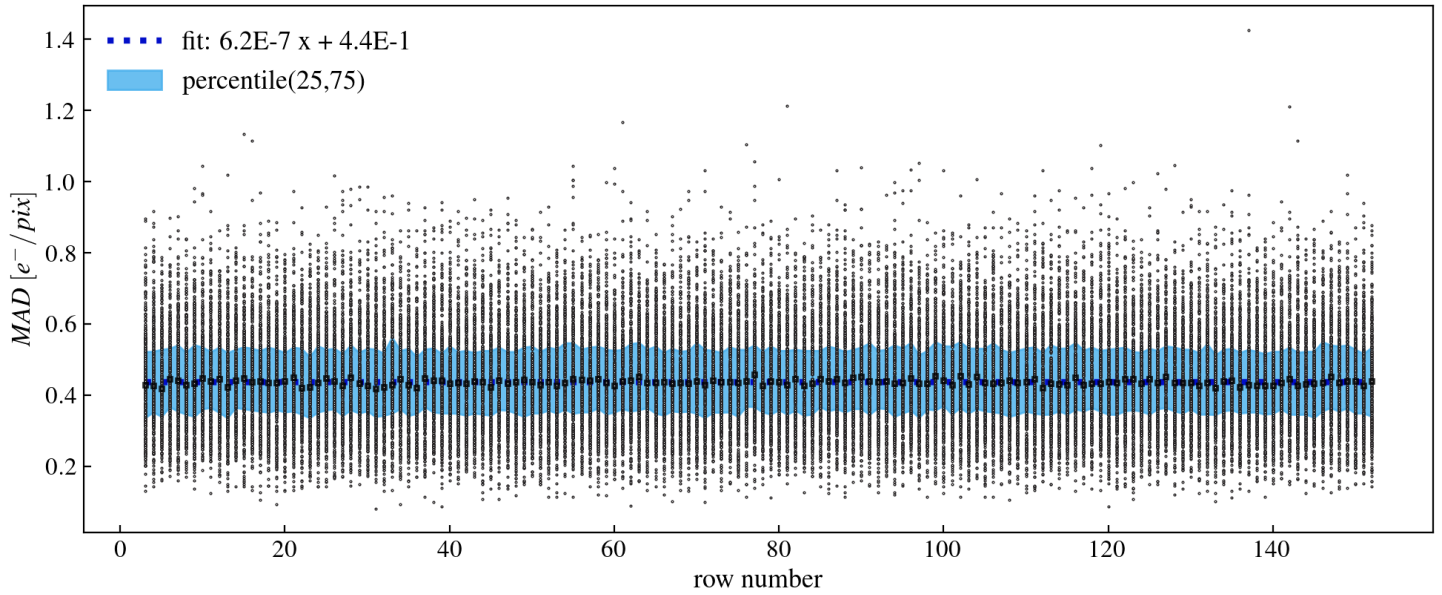


Figure 9: OverScan. MAD vs row

PedestalSubtractionProcess: mean pedestal vs file (gauss fit)  
[class MEMeanPedestalMu]

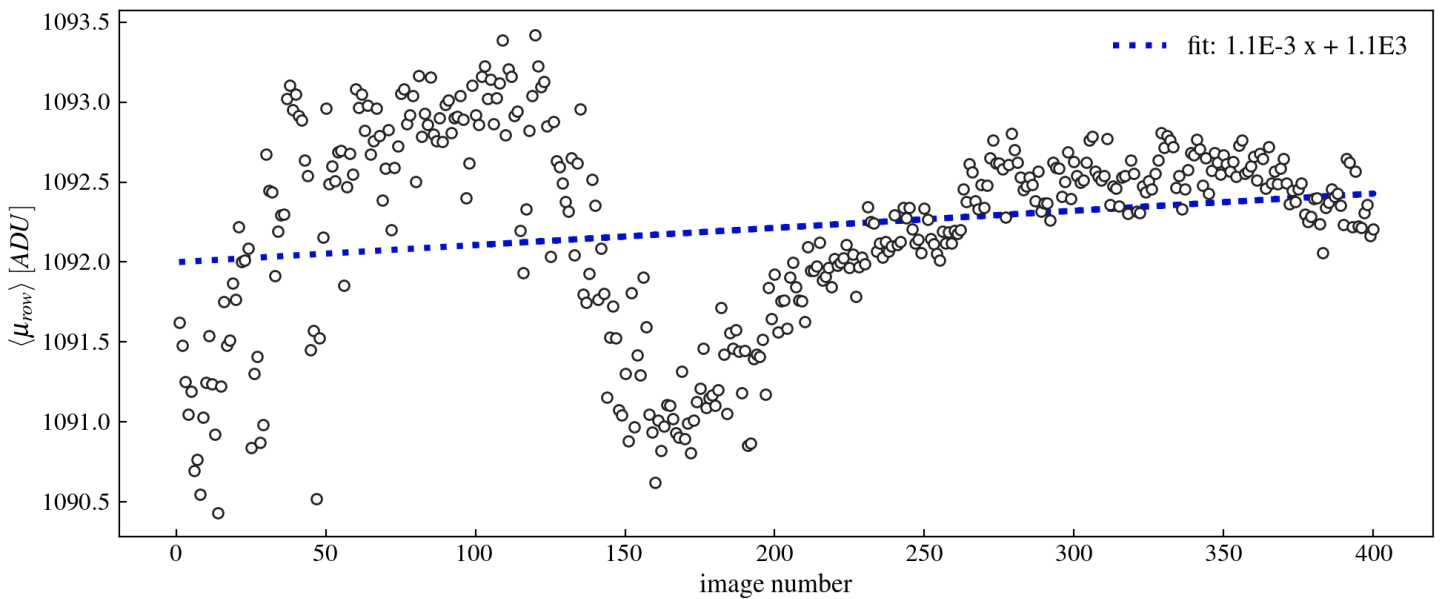


Figure 10: PedestalSubtractionProcess: mean pedestal vs file (gauss fit)

PedestalSubtractionProcess: mean sigma vs file (gauss fit)  
[class MEMeanPedestalSigma]

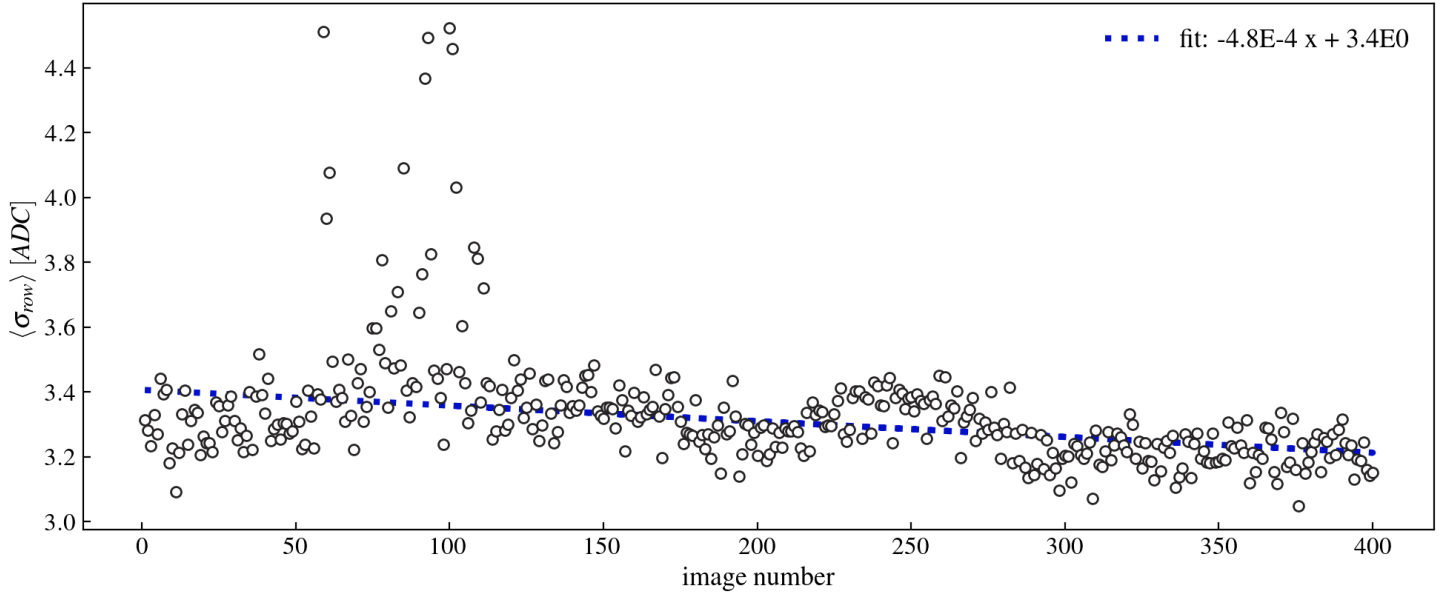


Figure 11: PedestalSubtractionProcess: mean sigma vs file (gauss fit)

PedestalSubtractionProcess: mean pedestal vs file (gauss fit)  
[class MEPedestalMuPerRow]

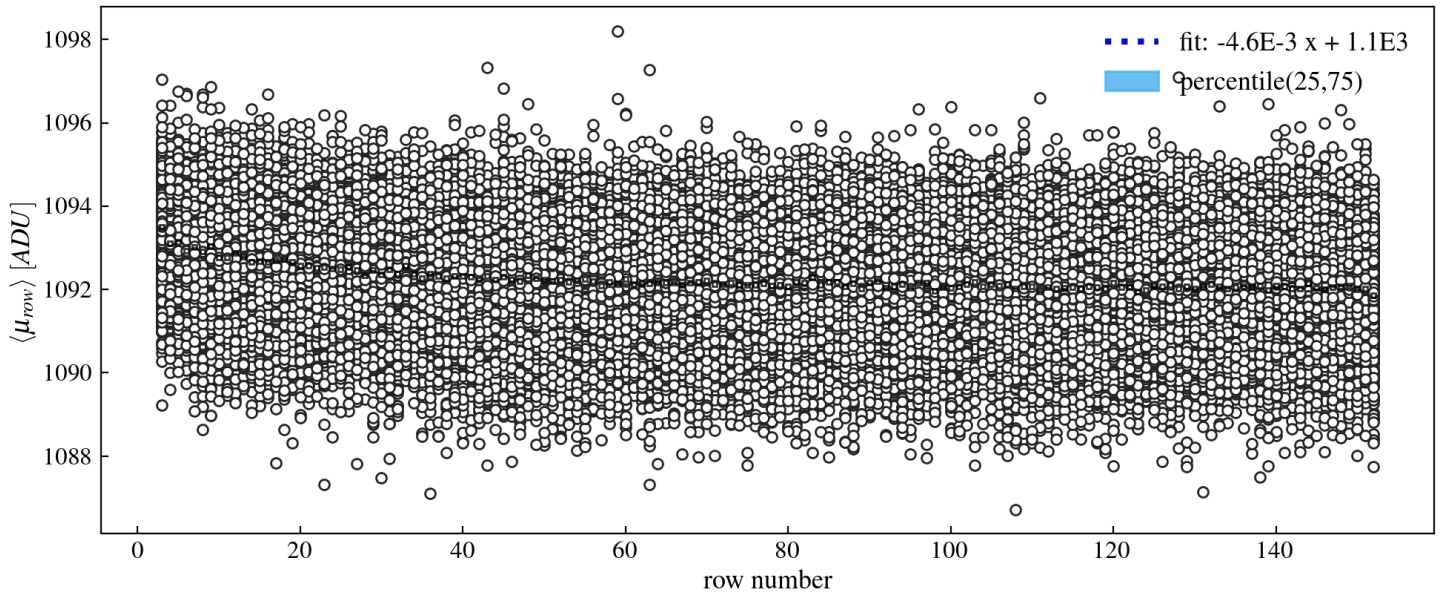


Figure 12: PedestalSubtractionProcess: mean pedestal vs file (gauss fit)

PedestalSubtractionProcess: mean sigma vs file (gauss fit)  
[class MEPedestalSigmaPerRow]

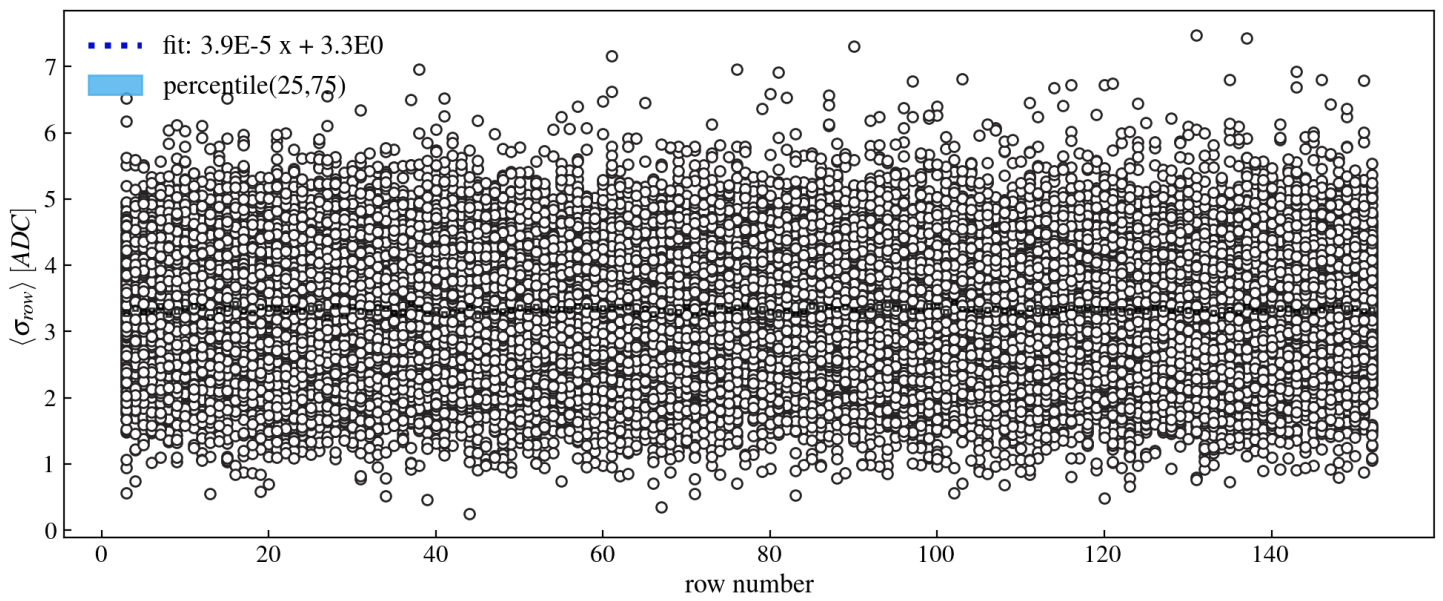


Figure 13: PedestalSubtractionProcess: mean sigma vs file (gauss fit)



Masked pixels [run 147]: frequency  
[class MEMaskedPixels]

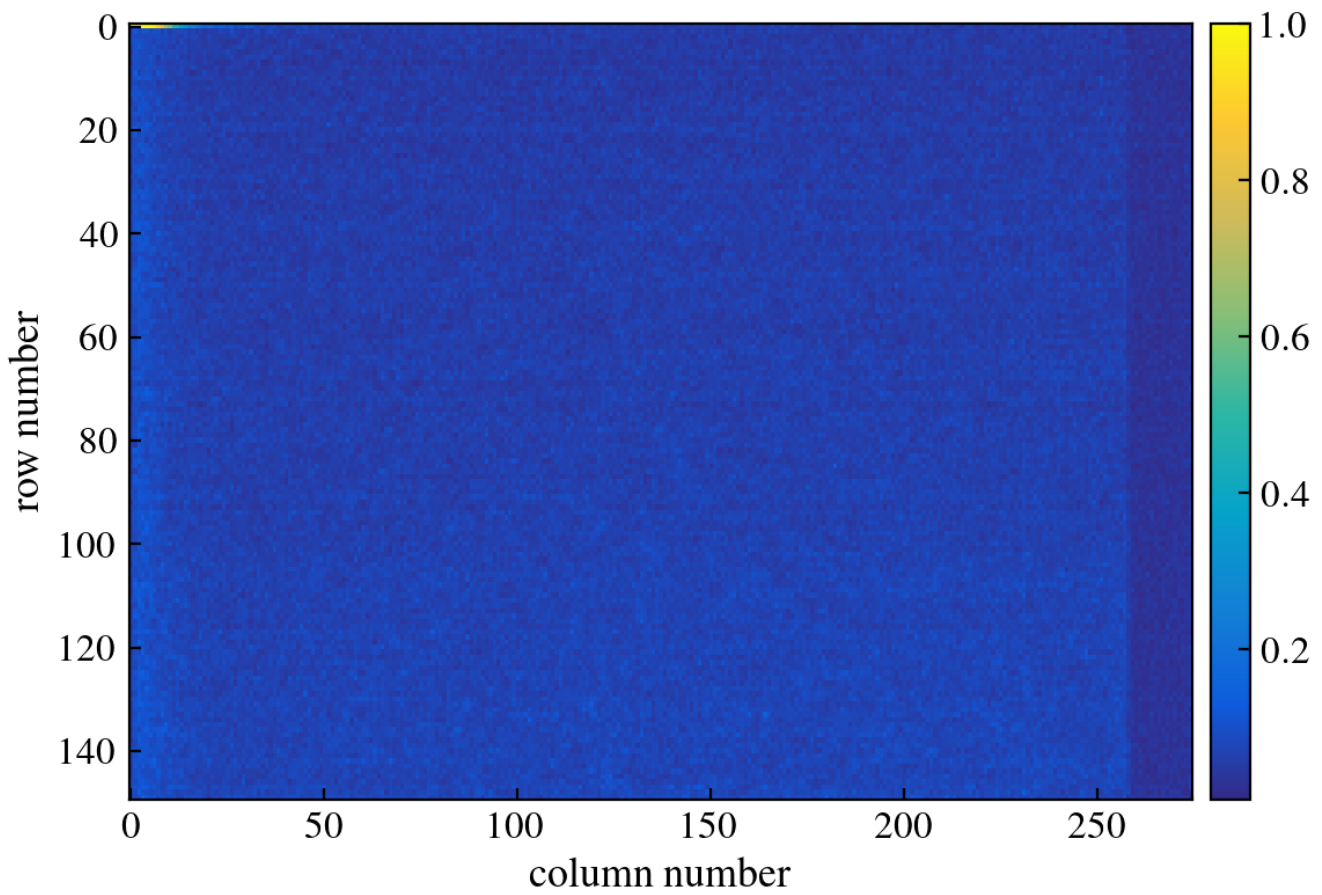


Figure 14: Masked pixels

Masked pixels [run 147]: mask  
[11] masked pixels  
[class MEMaskedPixels]

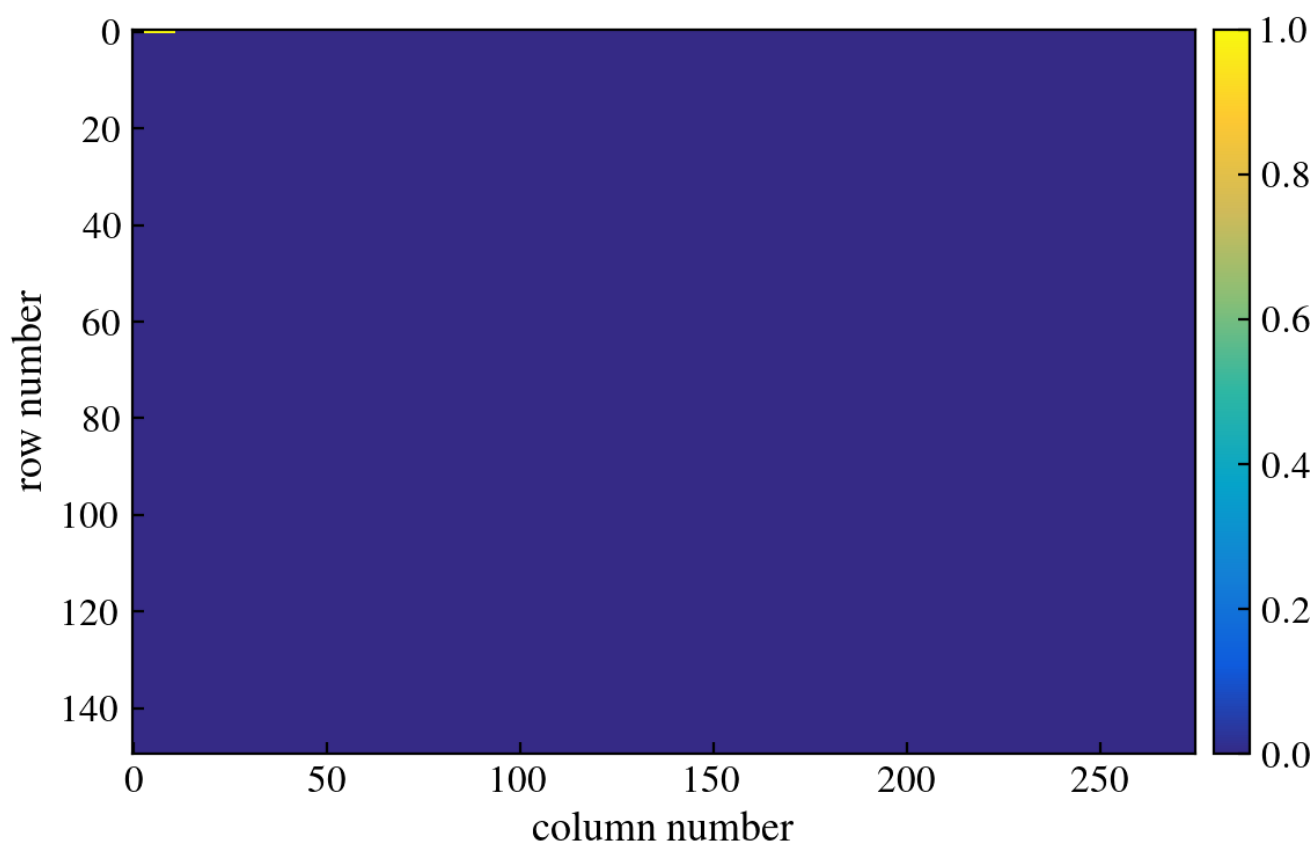


Figure 15: Masked pixels

Single Pixel Energy Distribution [w/ 5.31 ADC/e- and 3.77eV/e-]  
[class MESinglePED]

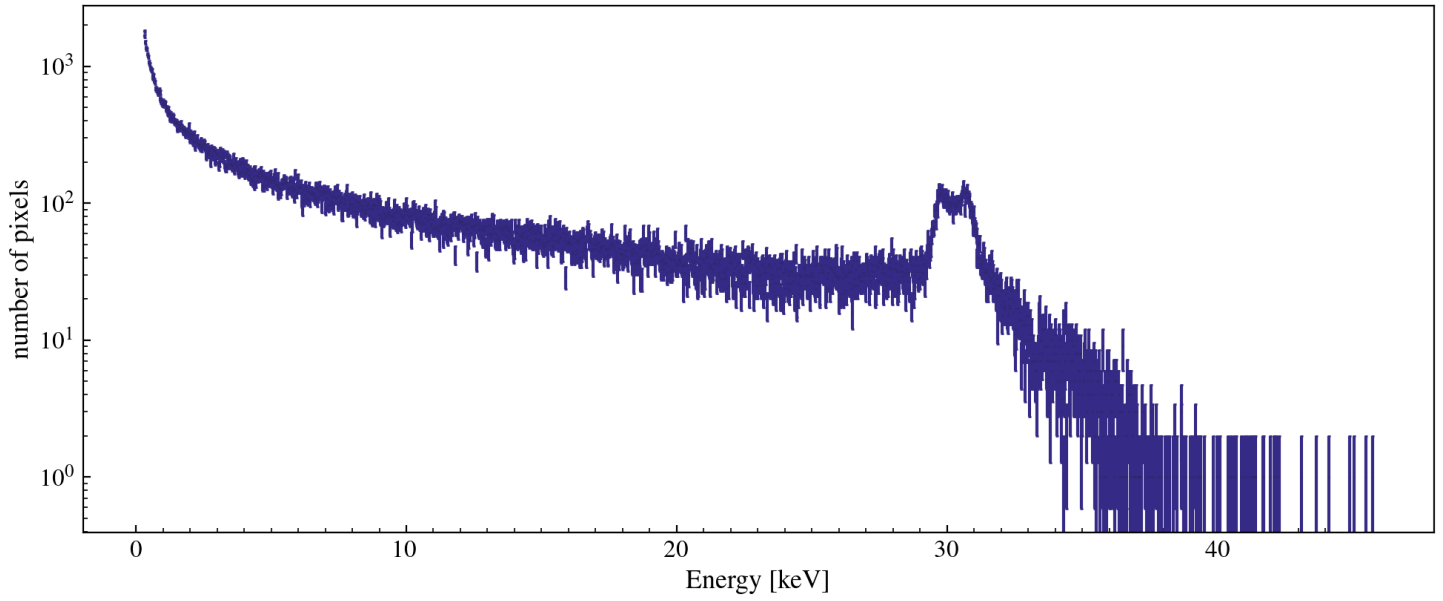


Figure 16: Number of pixels with  $E > 300.0$  eV vs file

Number of pixels with  $E > 300.0$  eV vs file  
[class MESinglePED]

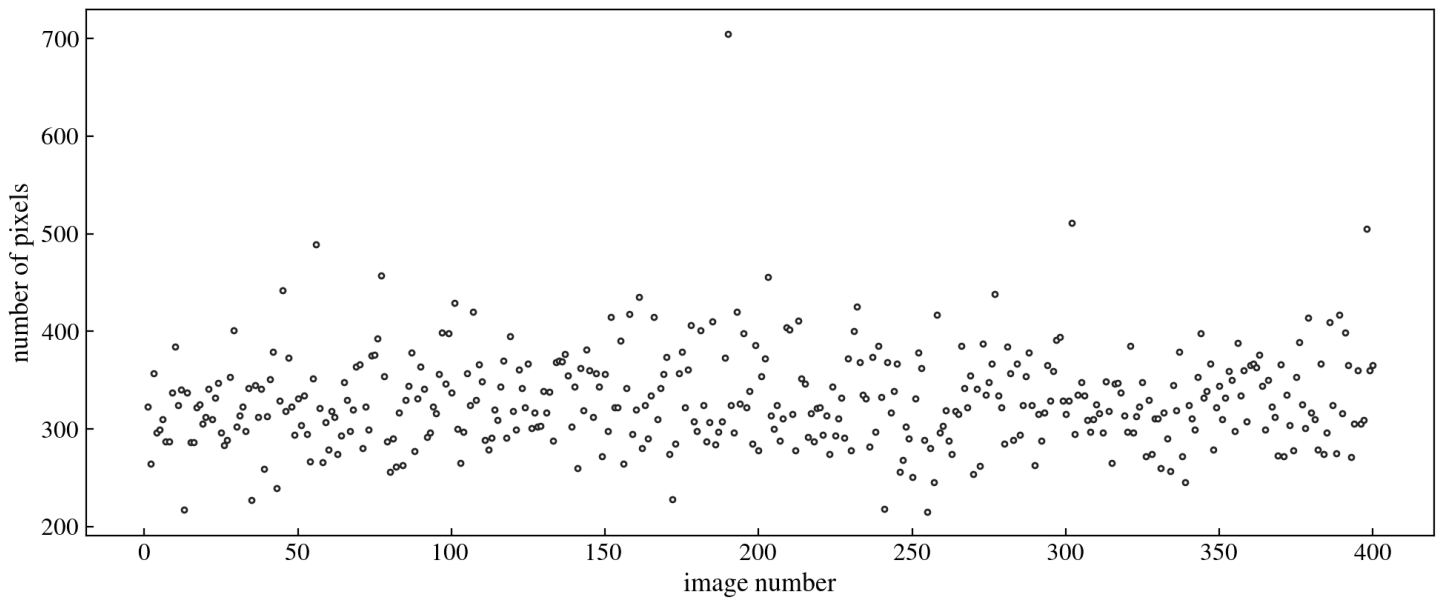


Figure 17: Number of pixels with  $E > 300.0$  eV vs file

## Pixel Charge Distribution

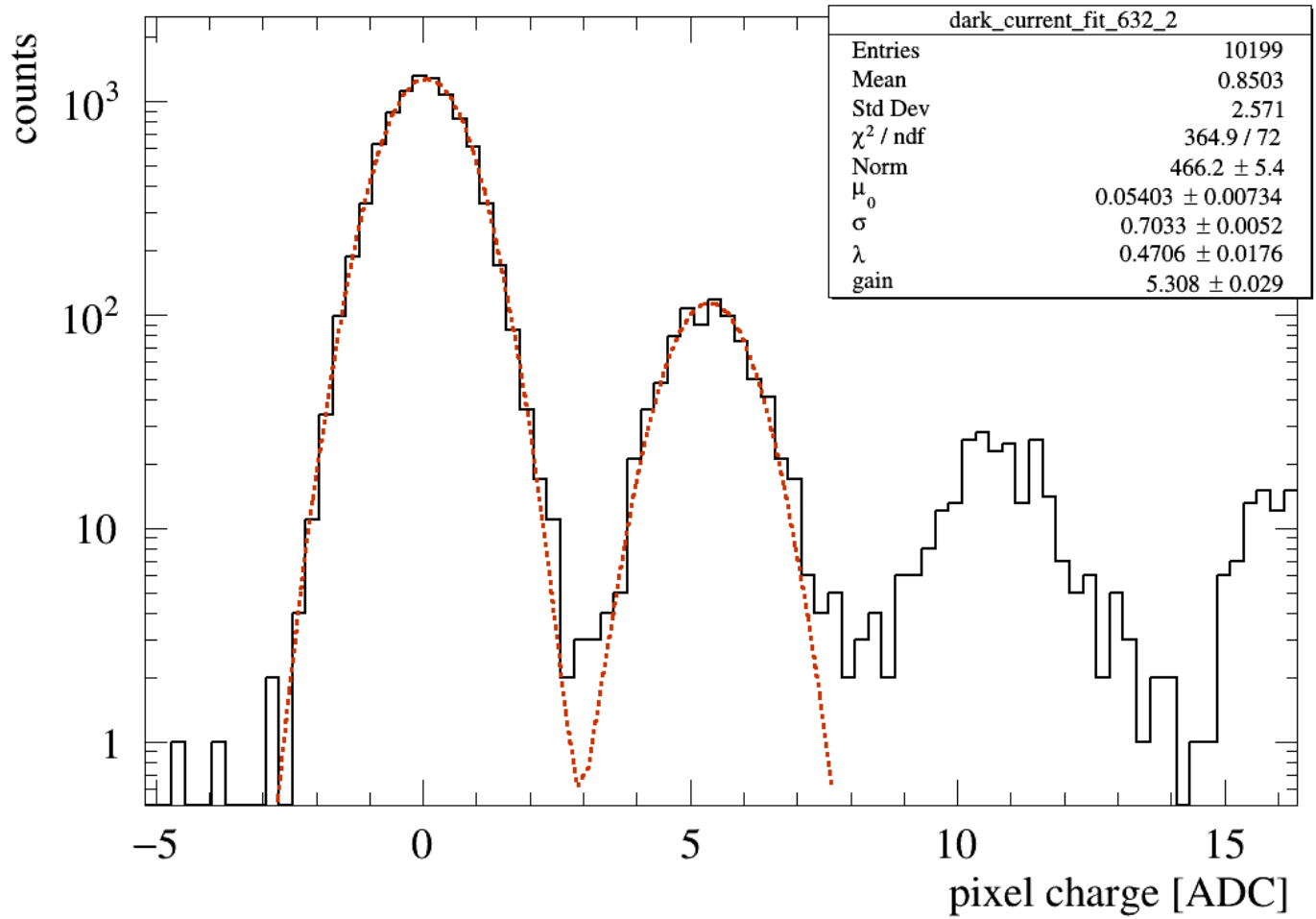


Figure 18: Pixel Charge Distribution

## Image used to Fit DC (HR image)

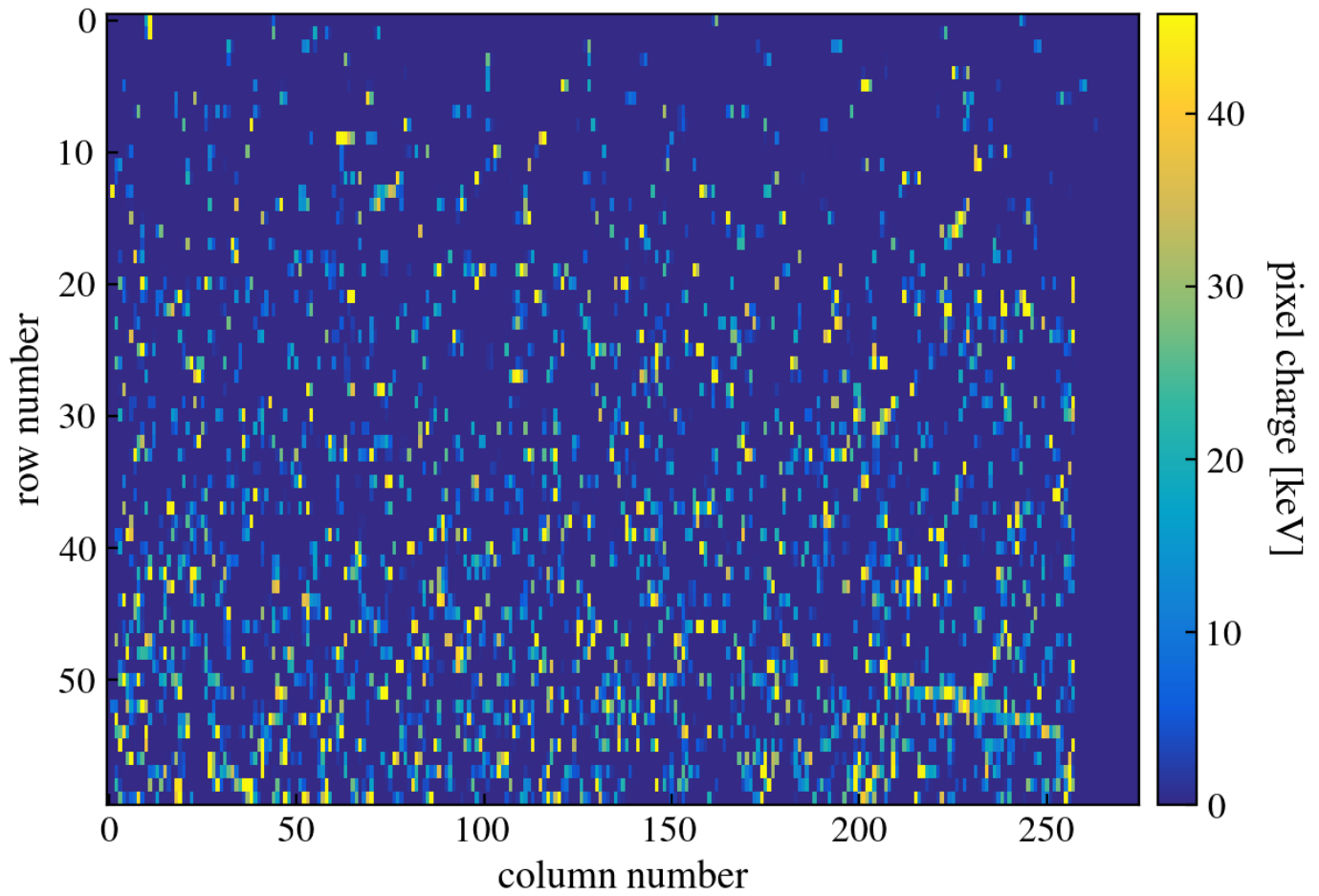


Figure 19: Pixel Charge Distribution

Zero electron peak (from MEFitDC per Row) vs row  
[class MEFitDCMu0PerRow]

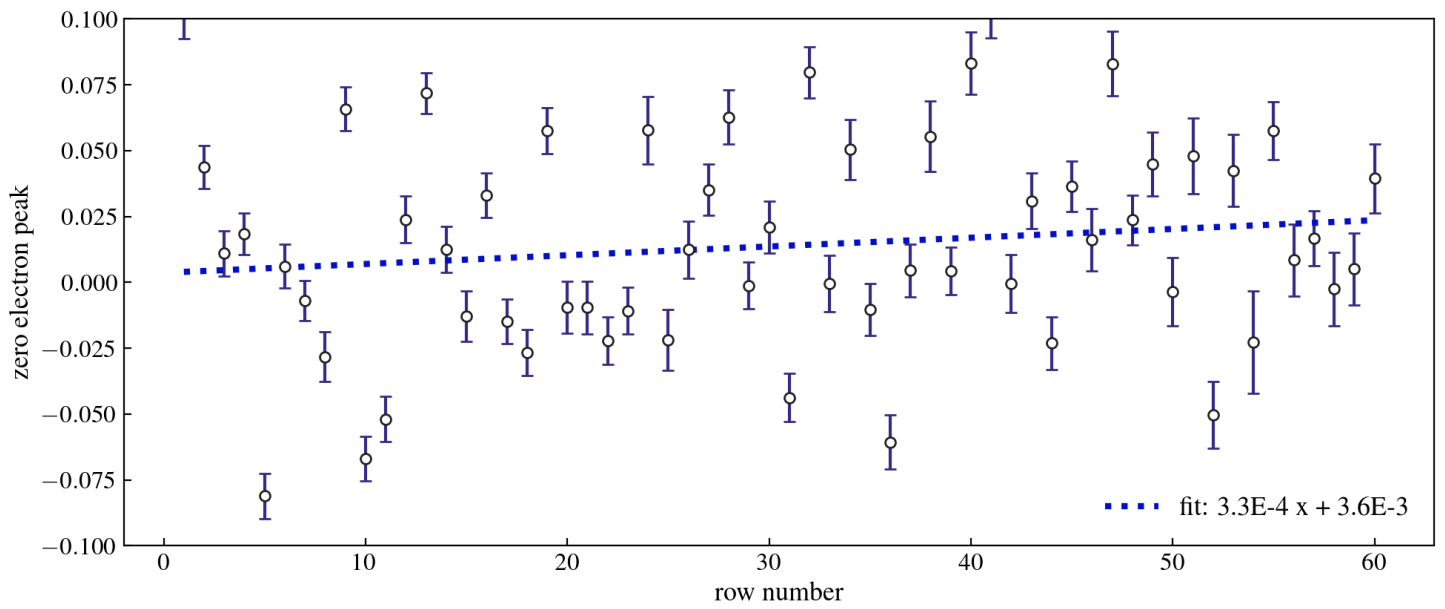


Figure 20: Zero electron peak (from MEFitDC per Row) vs row

Electron Single Resolution (from MEFitDC per Row) vs row  
[class MEFitDCSigmaPerRow]

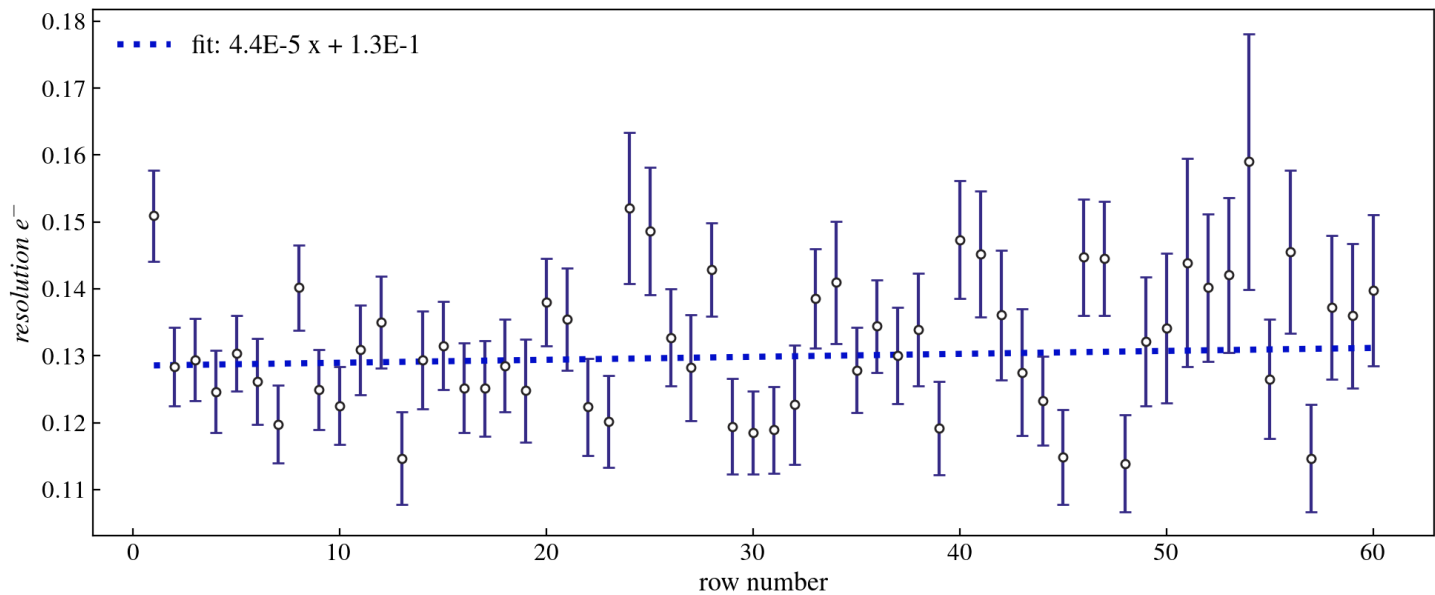


Figure 21: Electron Single Resolution (from MEFitDC per Row) vs row

Dark current (from MEFitDC per Row) vs row  
[class MEFitDCLambdaPerRow]

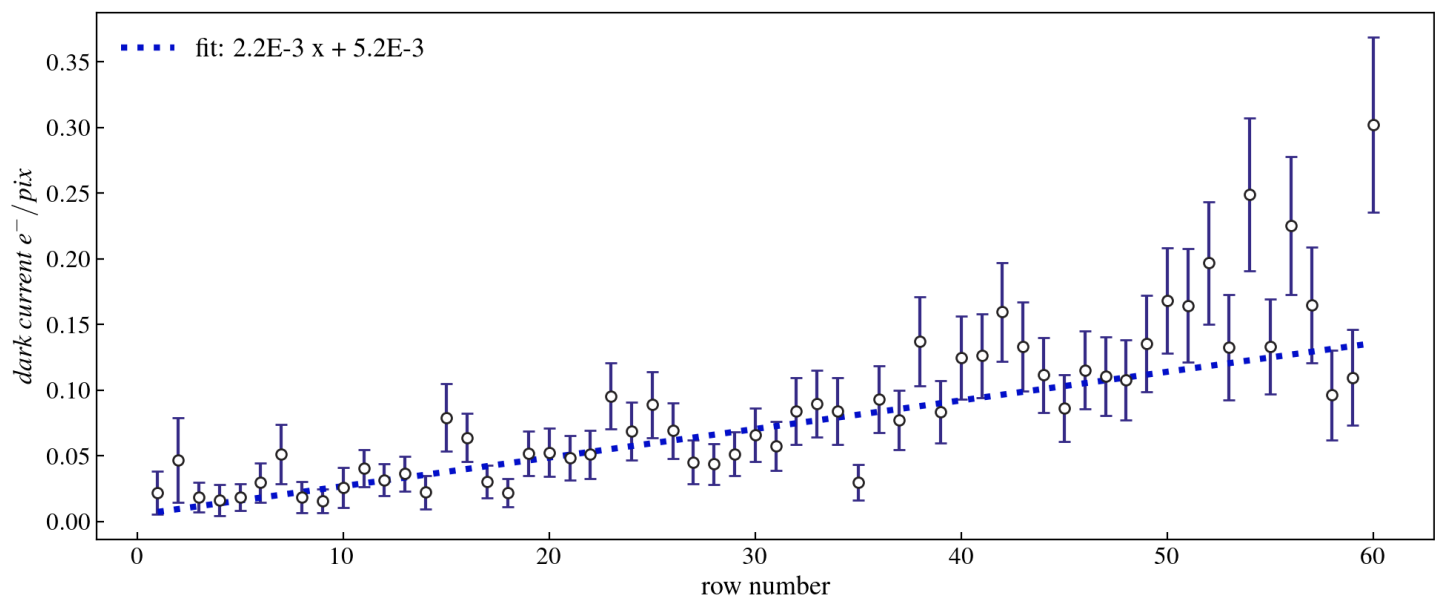


Figure 22: Dark current (from MEFitDC per Row) vs row

Zero electron peak (from MEFitDC) vs Image  
[class MEFitDCMu0]

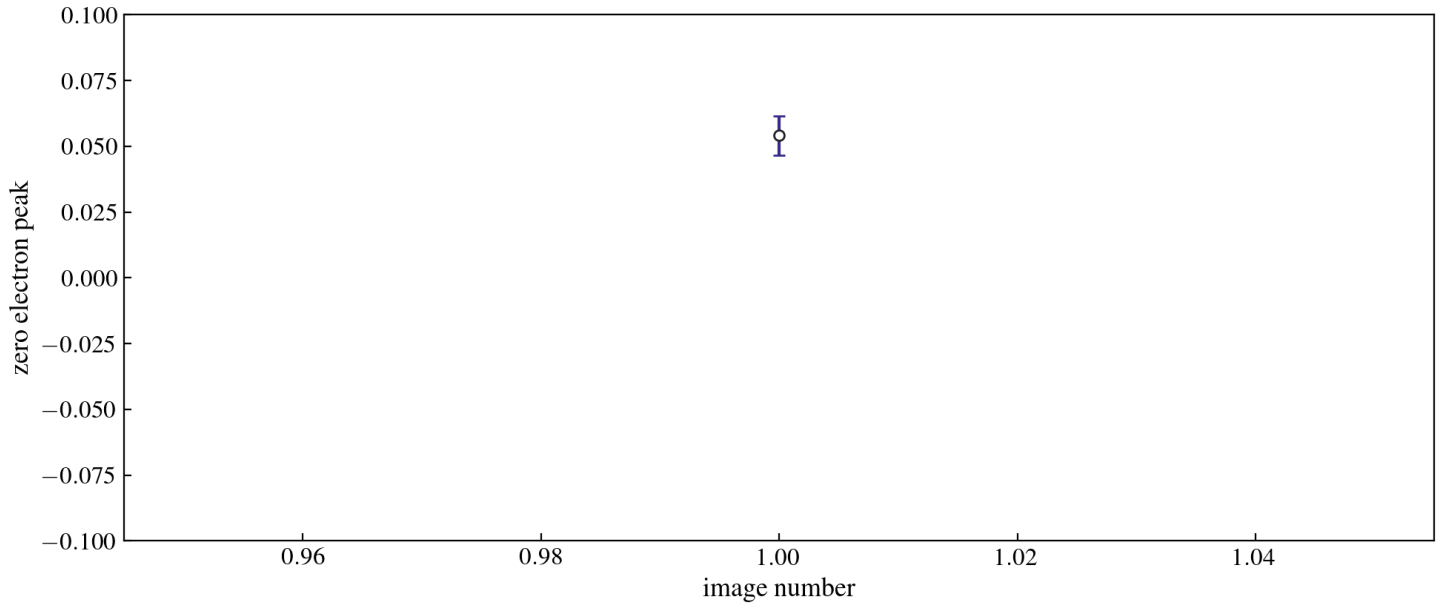


Figure 23: Zero electron peak (from MEFitDC) vs Image

Electron Single Resolution (from MEFitDC) vs Image  
[class MEFitDCSigma]

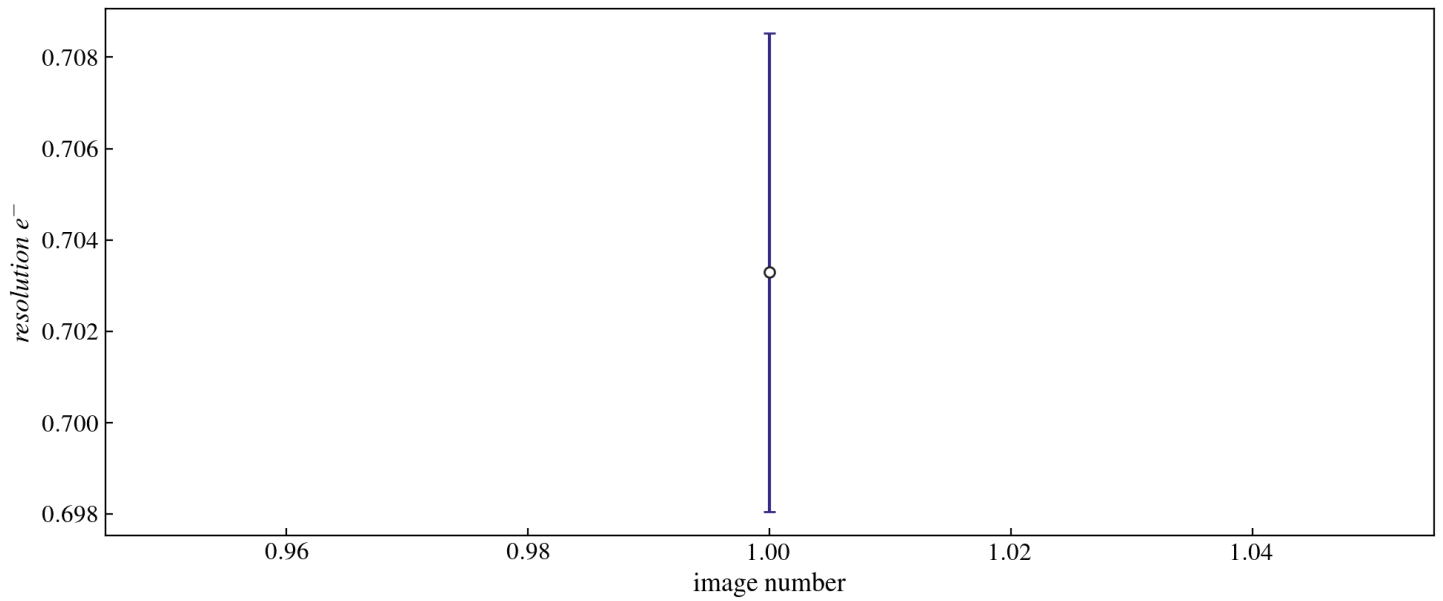


Figure 24: Electron Single Resolution (from MEFitDC) vs Image



Dark current (from MEFitDC per Row) vs Image  
[class MEFitDCLambda]

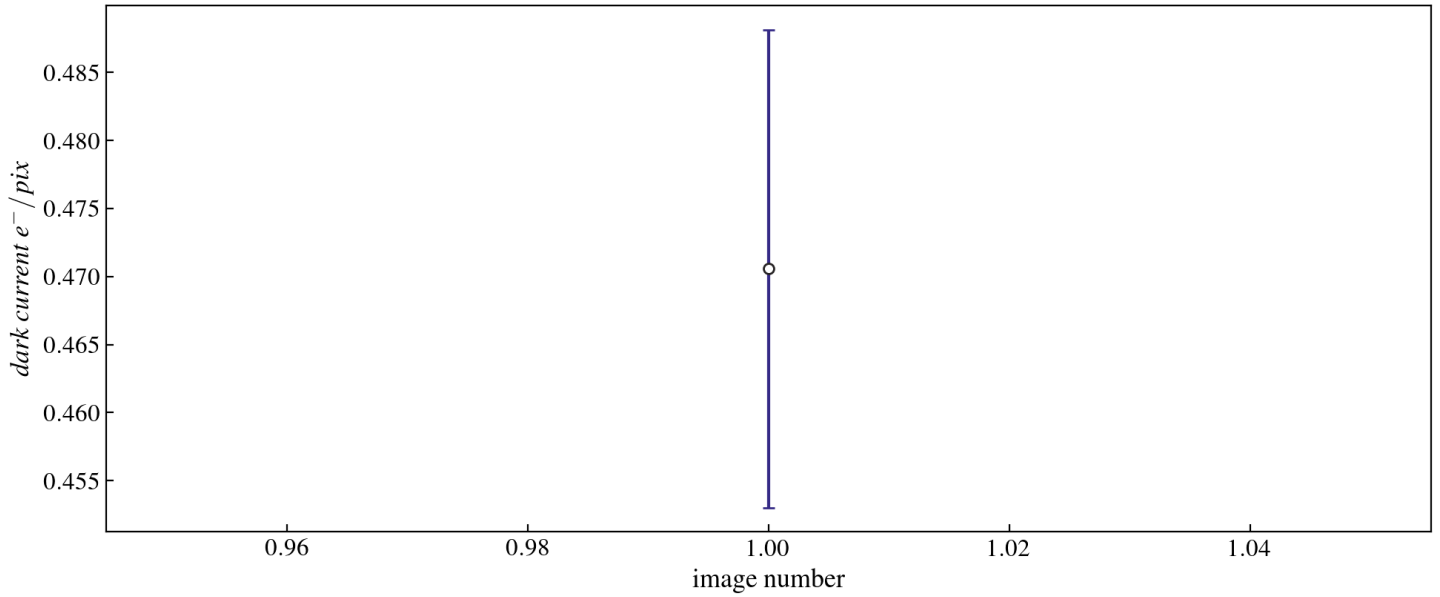


Figure 25: Dark current (from MEFitDC per Row) vs Image

Calibration constant (from MEFitDC) vs Image  
[class MEFitDCCalibration]

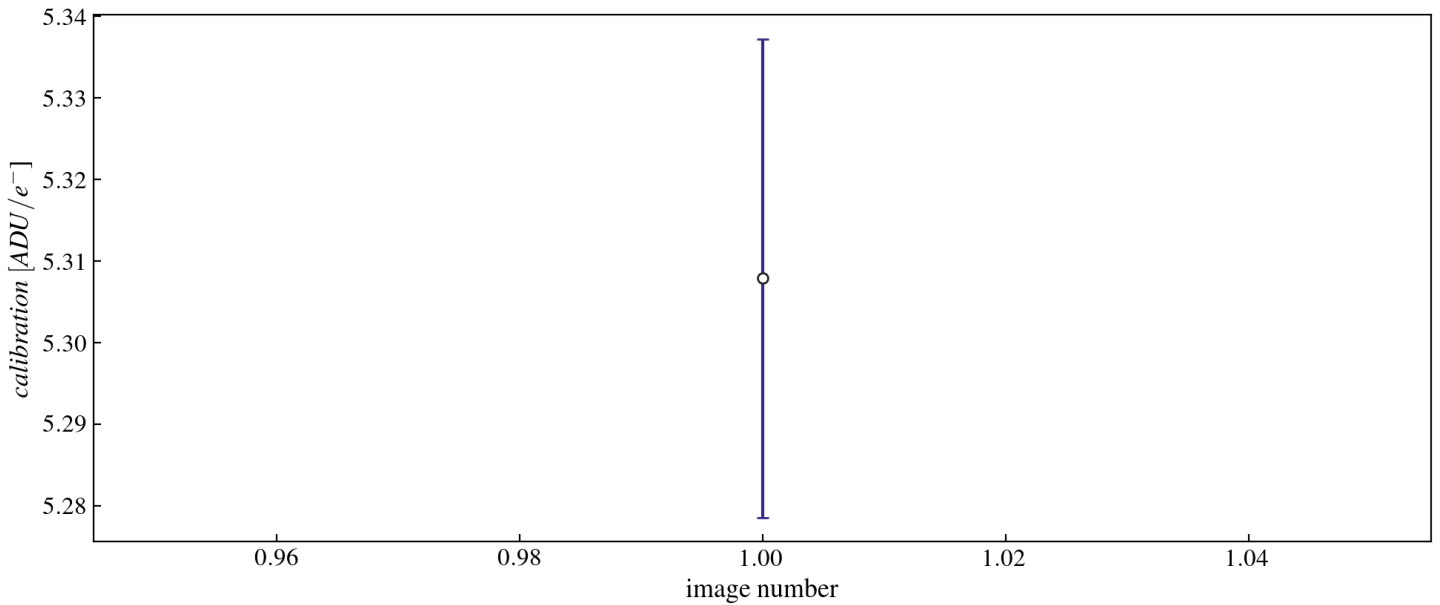


Figure 26: Calibration constant (from MEFitDC) vs Image

*Overscan. PCD Gaussian fit:  $\mu_0$*   
[class MEOverscanPCDMu]

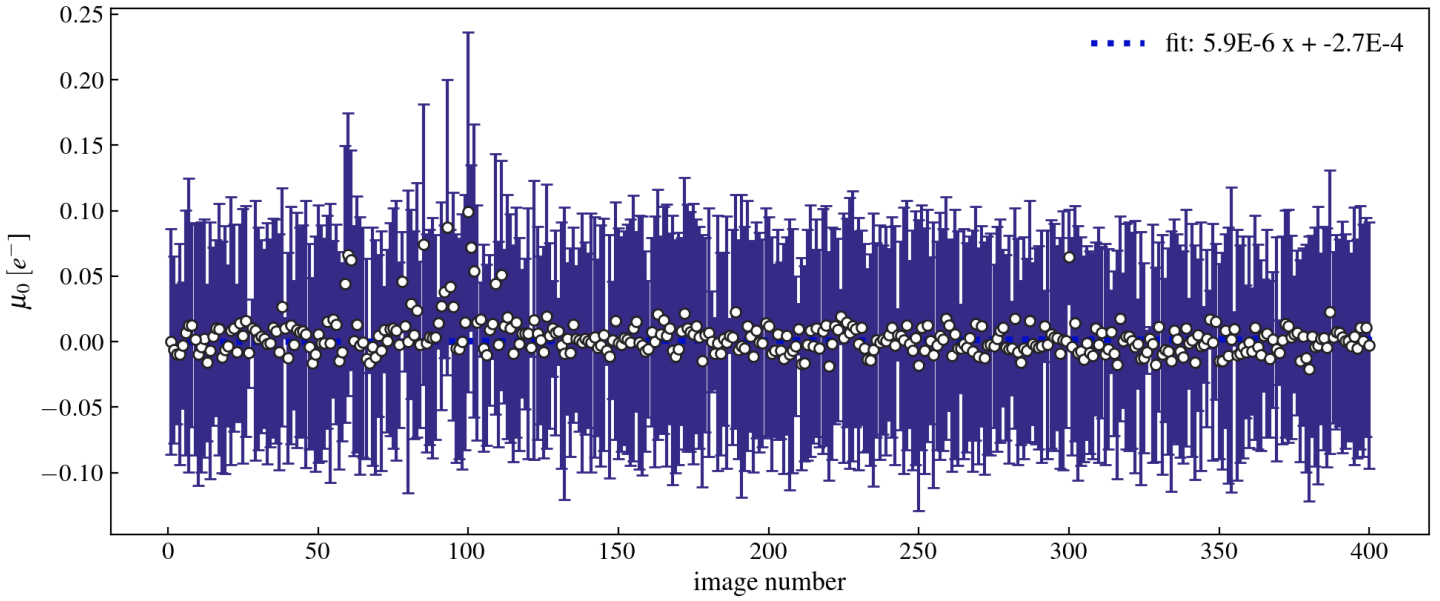


Figure 27: *Overscan. PCD Gaussian fit:  $\mu_0$*

*Overscan. PCD Gaussian fit:  $\sigma_0$*   
[class MEOverscanPCDSigma]

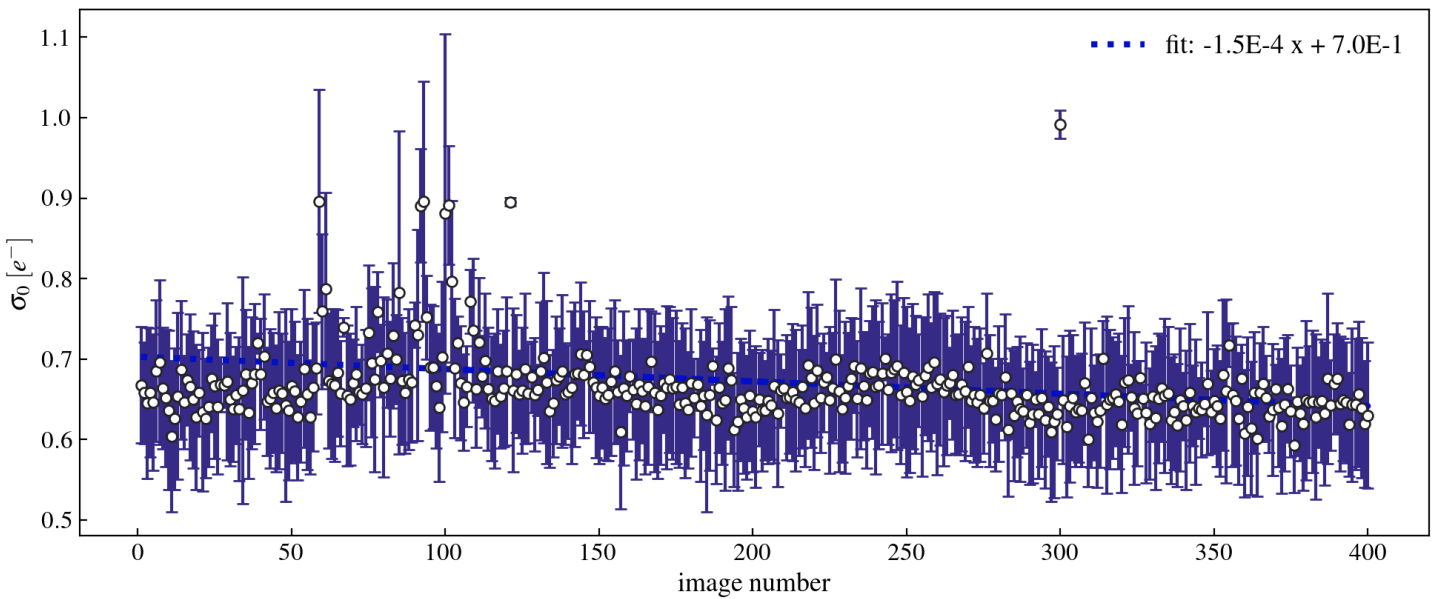


Figure 28: *Overscan. PCD Gaussian fit:  $\sigma_0$*

Electronic column transient showing an exponential behaviour  
[class MEColTransient]

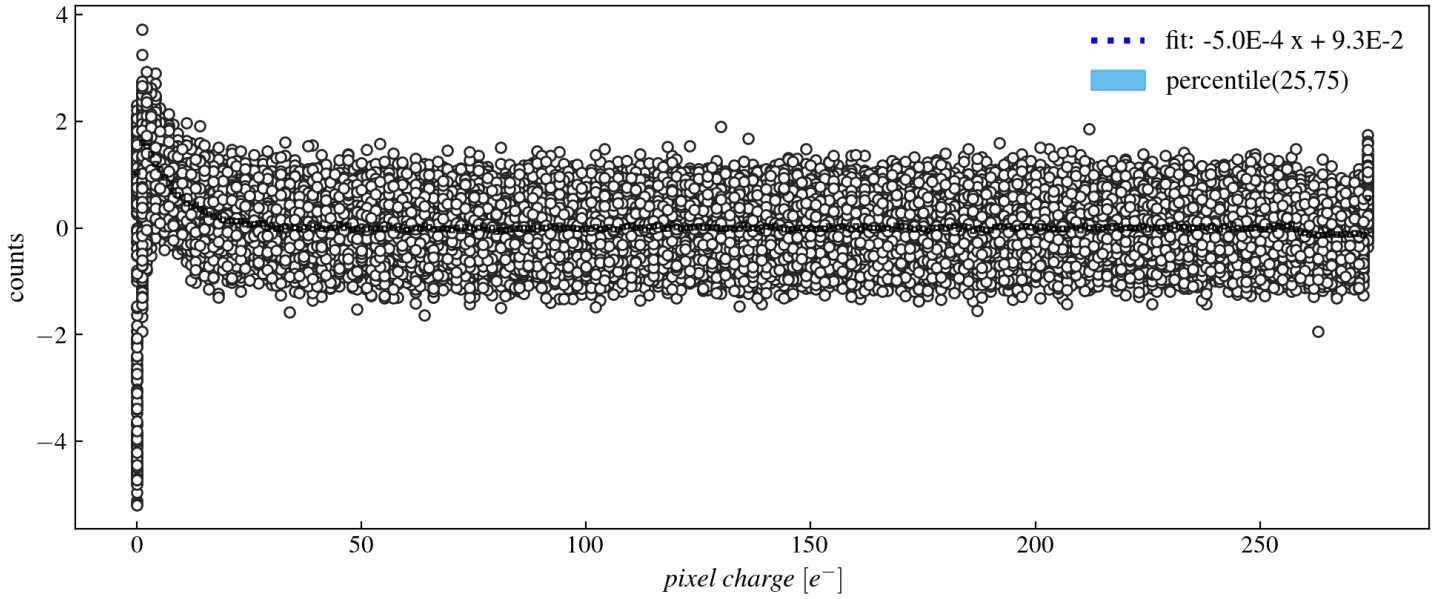


Figure 29: Electronic column transient showing an exponential behaviour

Column transient decay constant (from MEColTransient) vs Image  
[class MEColTransientMu]

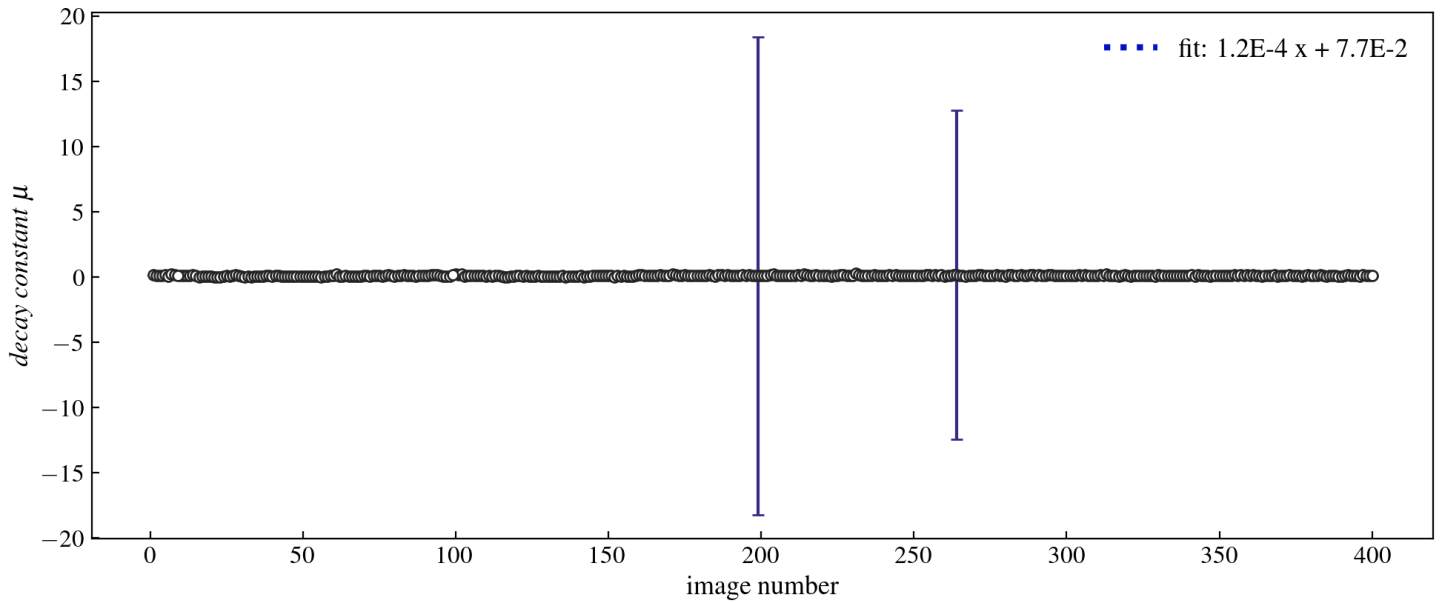


Figure 30: Column transient decay constant (from MEColTransient) vs Image

Column transient amplitude (from MEColTransient) vs Image  
[class MEColTransientAmplitude]

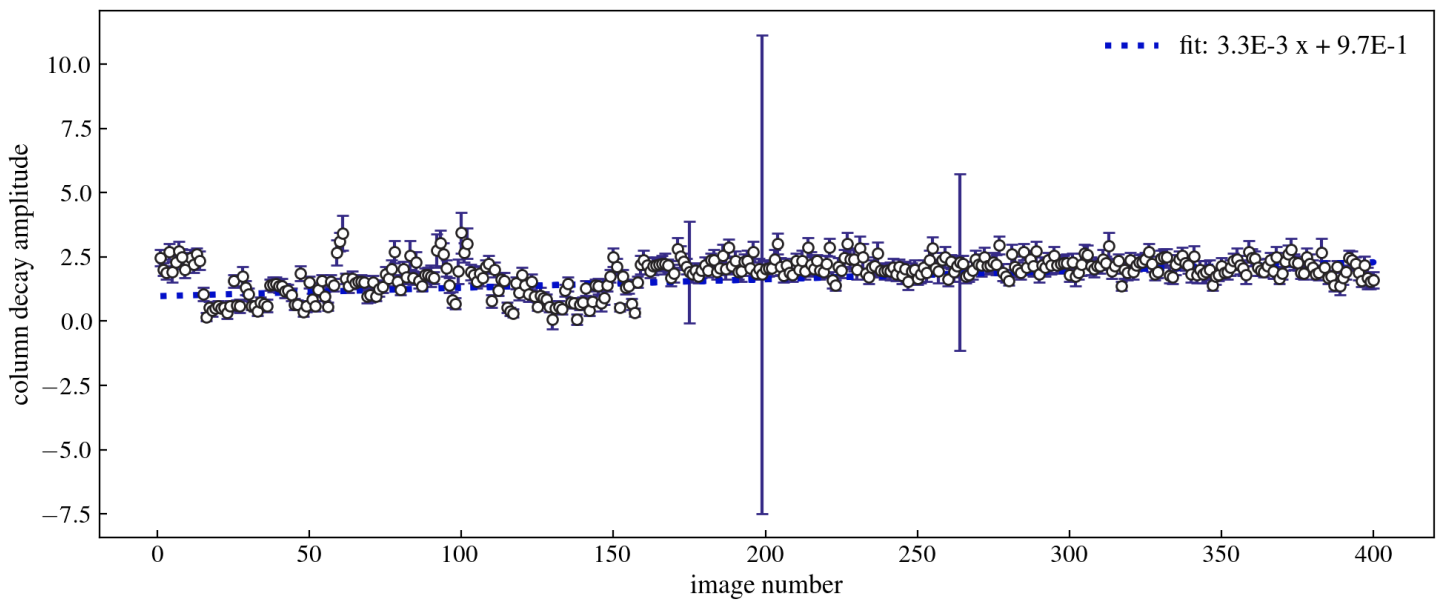


Figure 31: Column transient amplitude (from MEColTransient) vs Image

CCD Image: run 147, image 1  
[class MECCDImage]

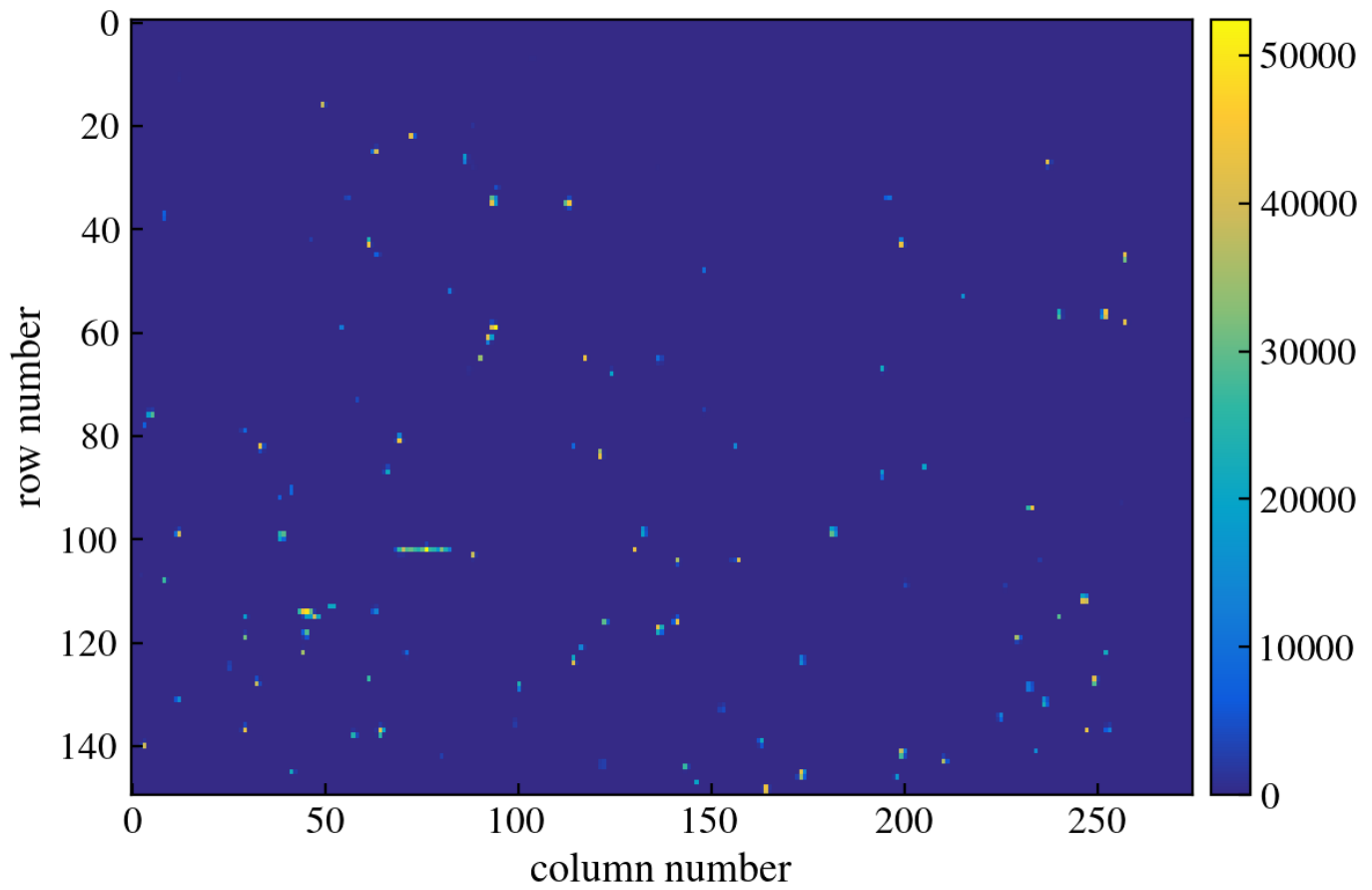


Figure 32: CCD Image

CCD Image: run 147, image 1  
[class MECCDImage]

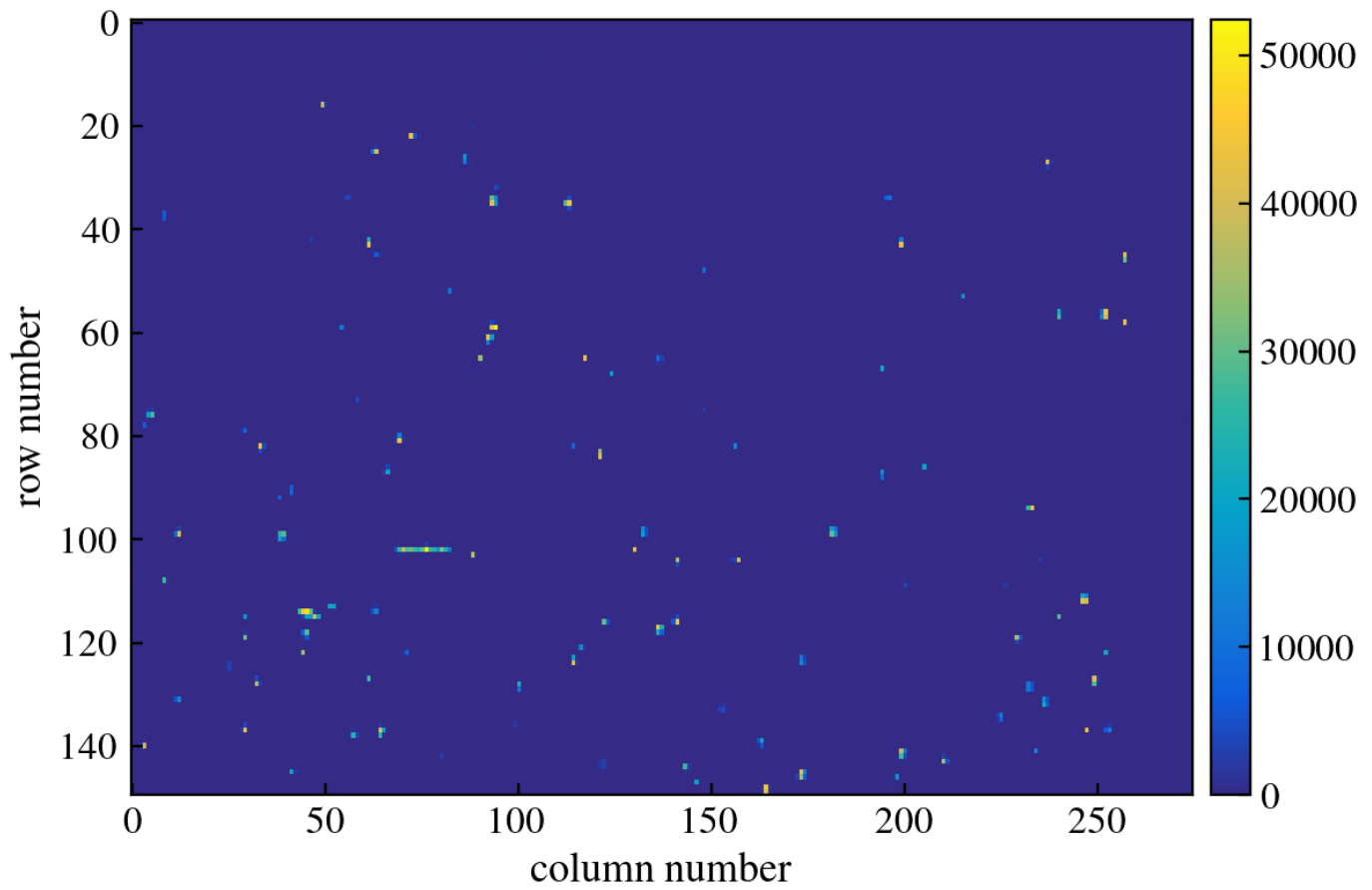


Figure 33: CCD Image

CCD Image: run 147, image 10  
[class MECCDImage]

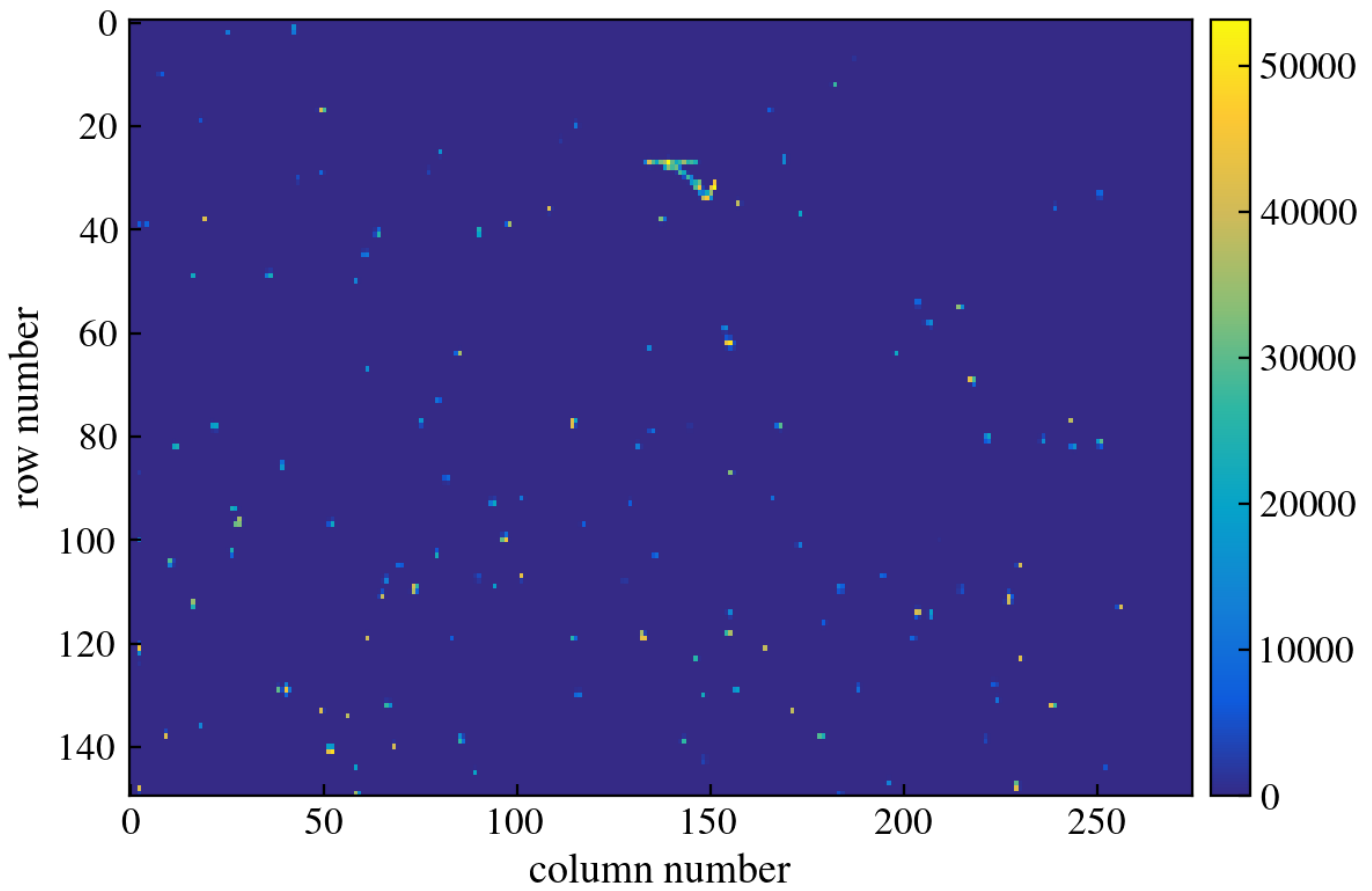


Figure 34: CCD Image

CCD Image: run 147, image 100  
[class MECCDImage]

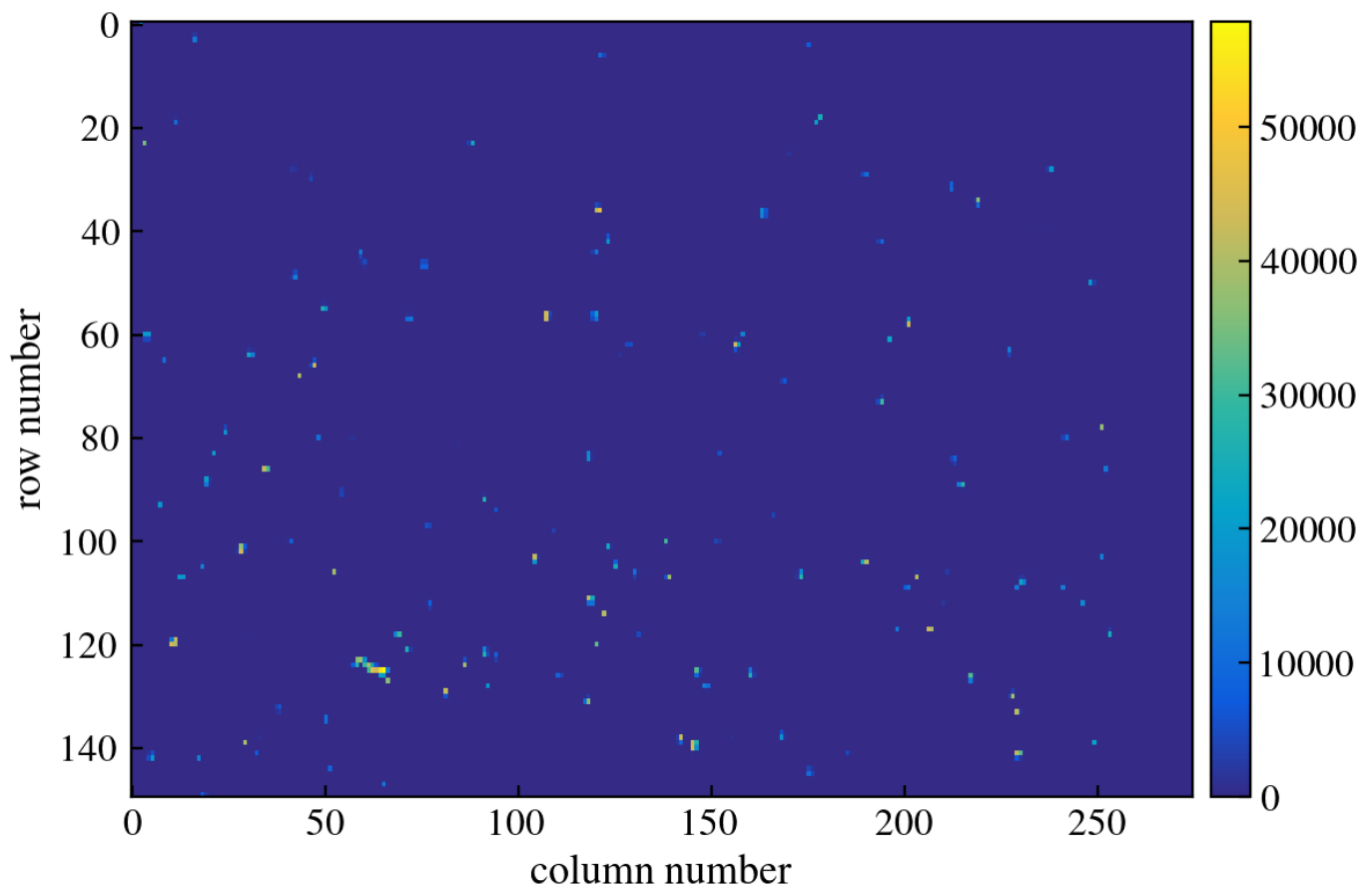


Figure 35: CCD Image



CCD Image: run 147, image 101  
[class MECCDImage]

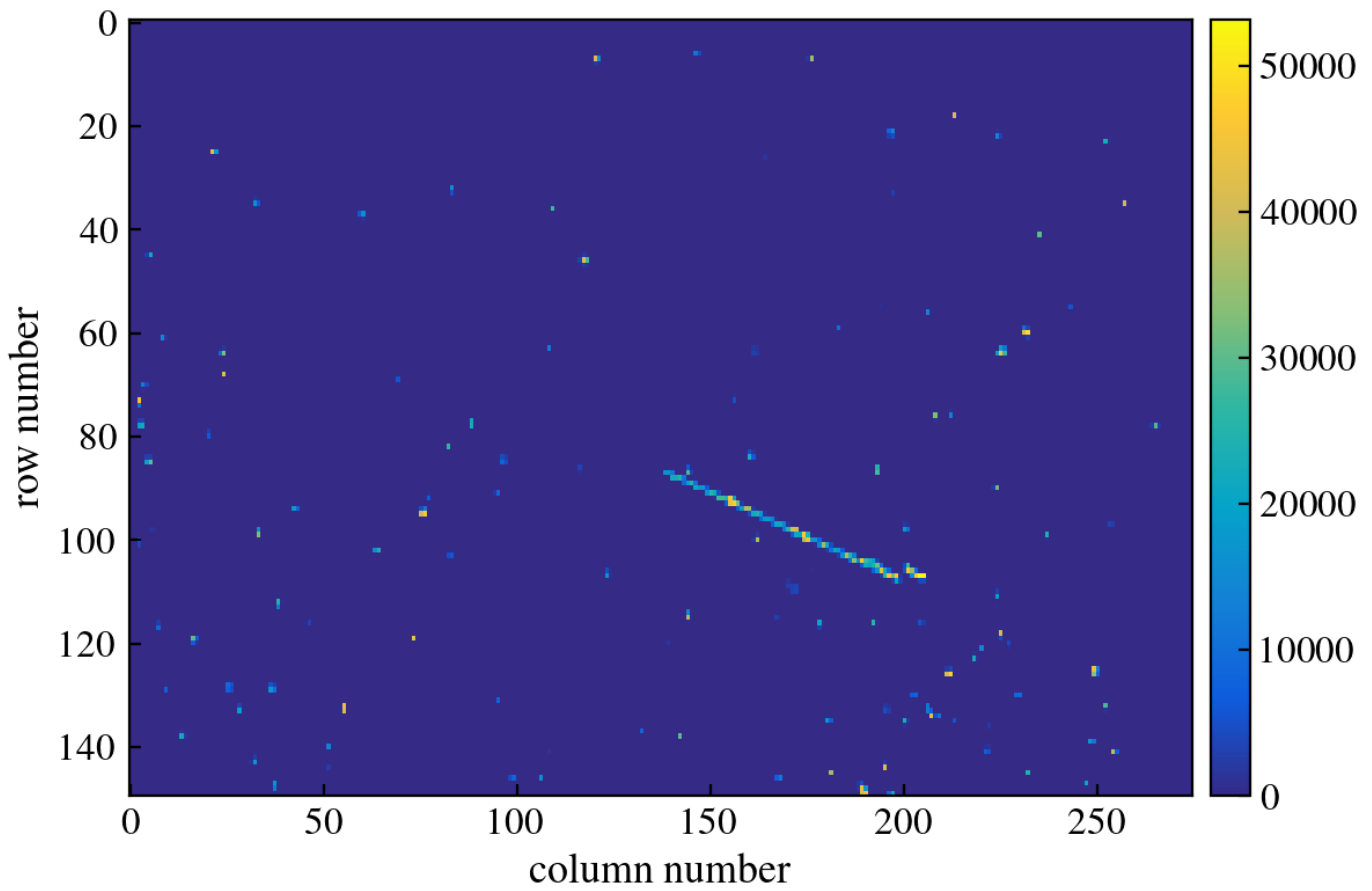


Figure 36: CCD Image

CCD Image: run 147, image 102  
[class MECCDImage]

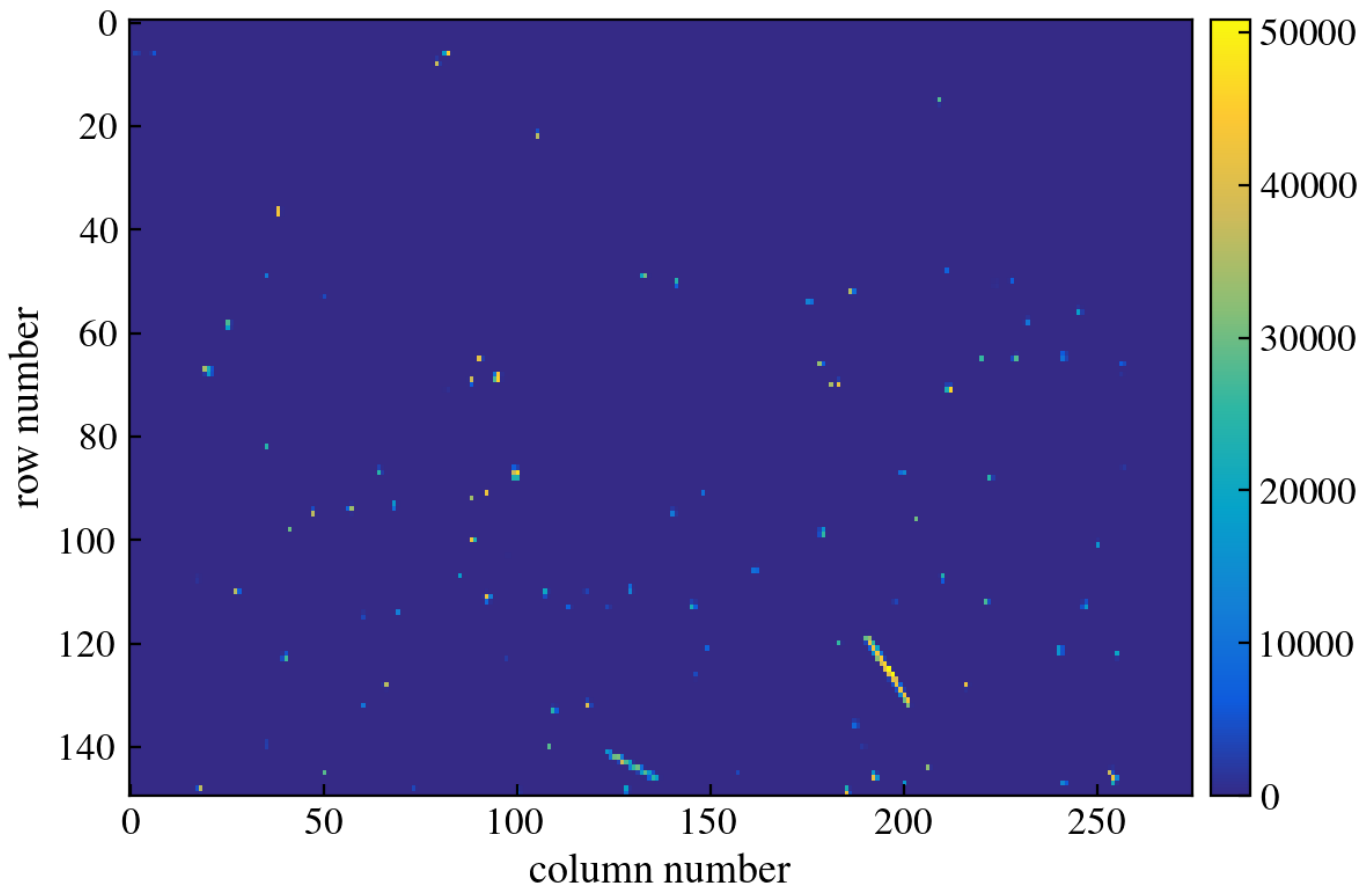


Figure 37: CCD Image

CCD Image: run 147, image 103  
[class MECCDImage]

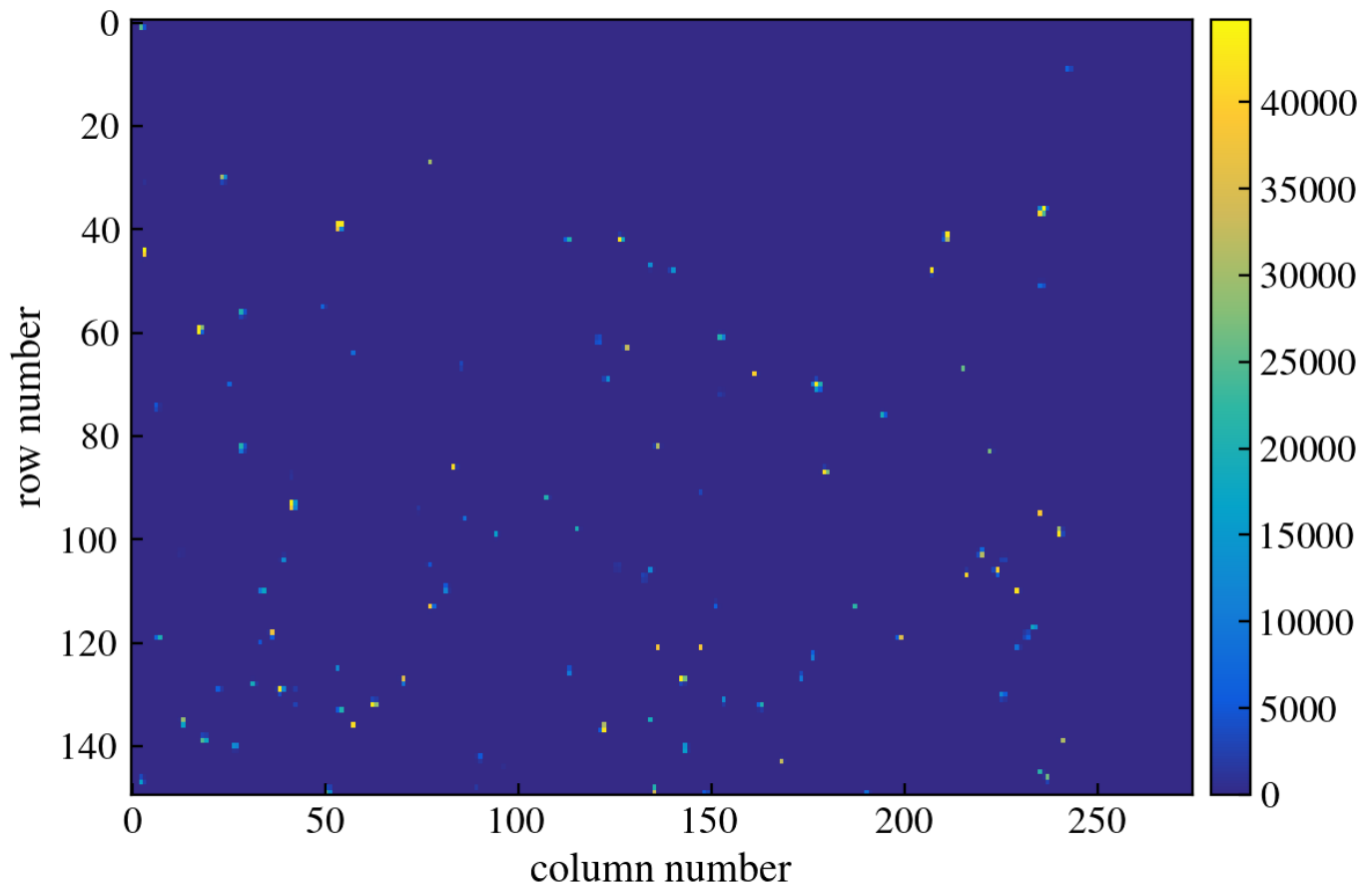


Figure 38: CCD Image

CCD Image: run 147, image 104  
[class MECCDImage]

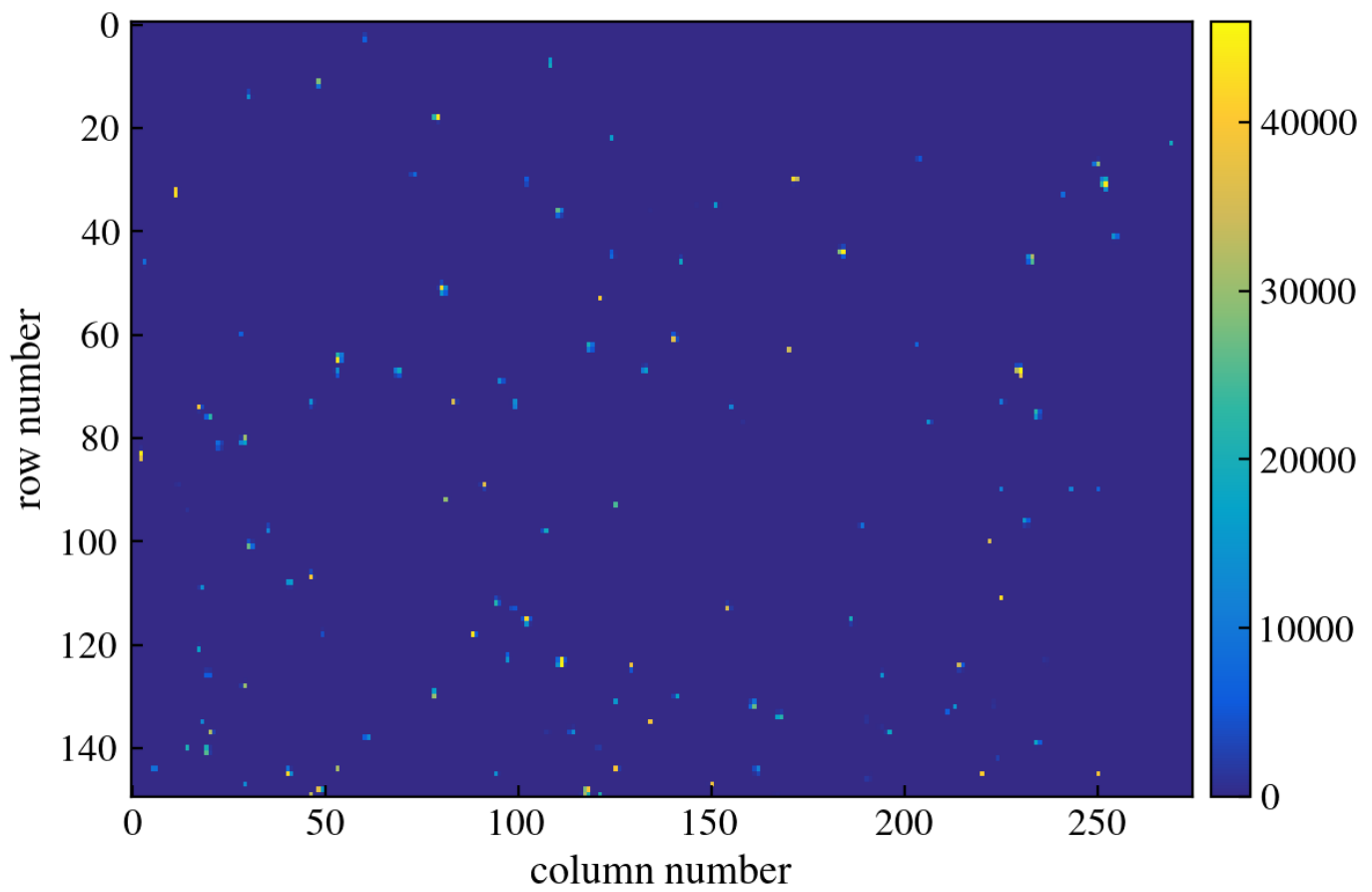


Figure 39: CCD Image

CCD Image: run 147, image 105  
[class MECCDImage]

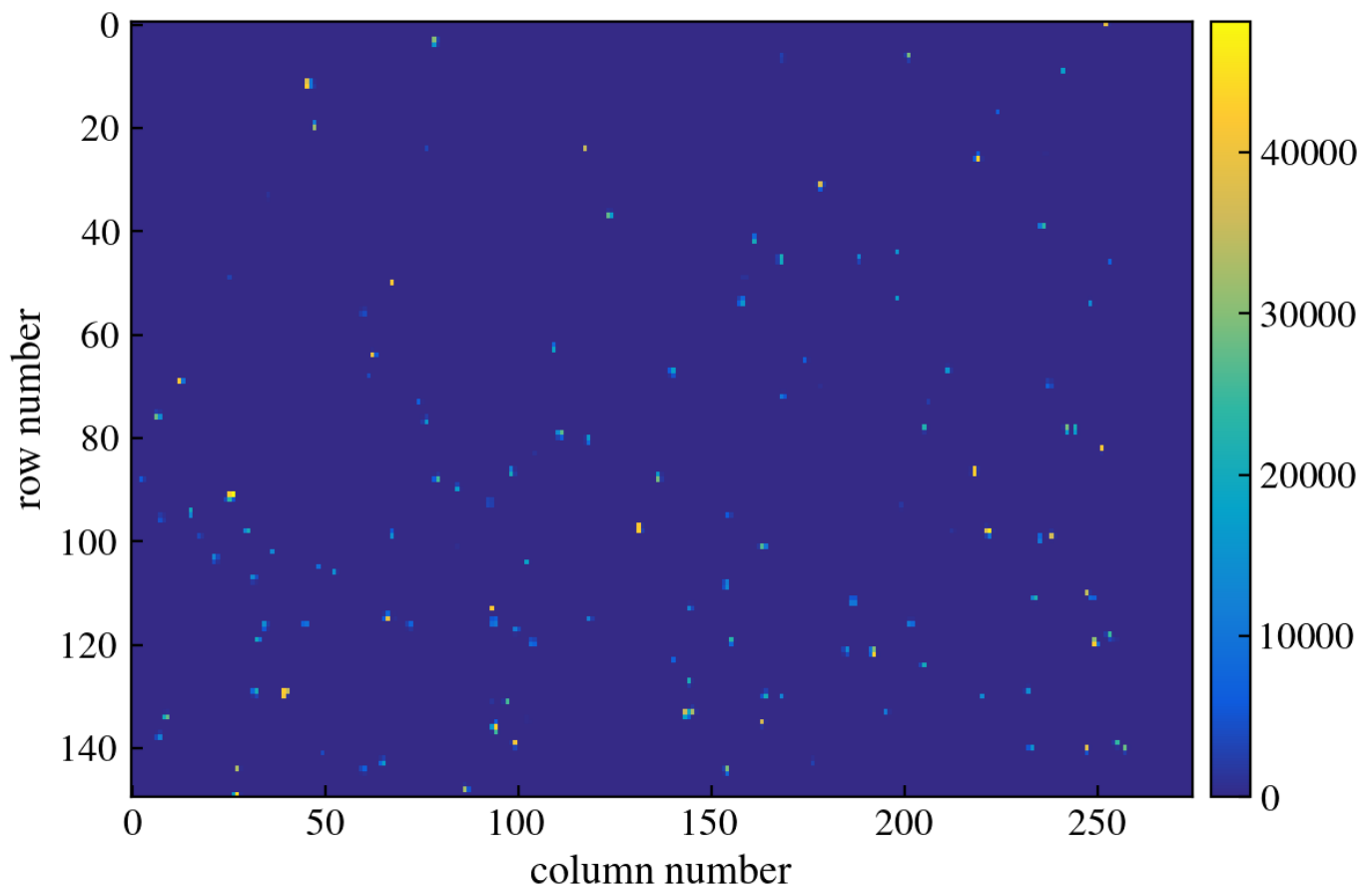


Figure 40: CCD Image

CCD Image: run 147, image 106  
[class MECCDImage]

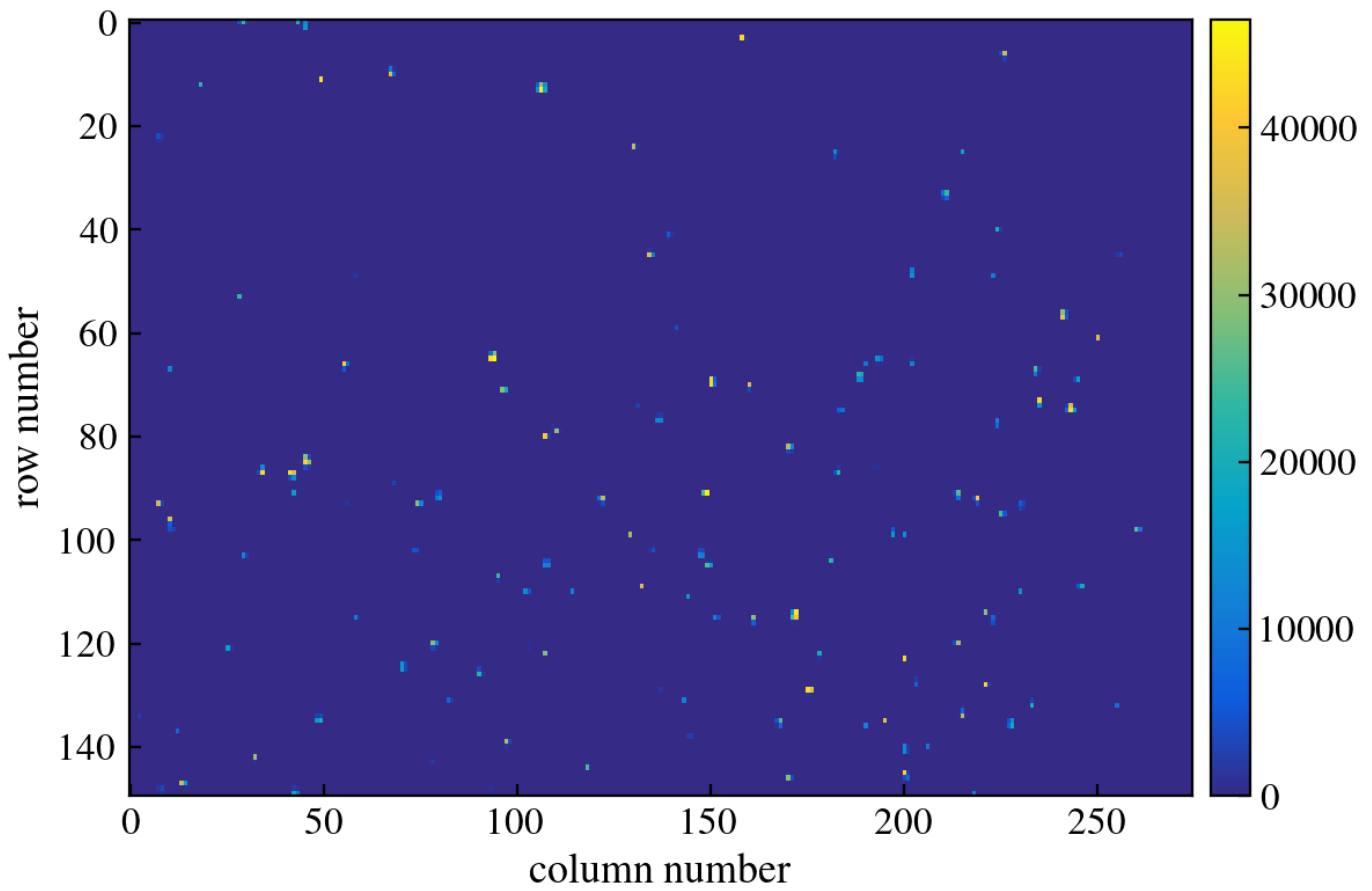


Figure 41: CCD Image

CCD Image: run 147, image 107  
[class MECCDImage]

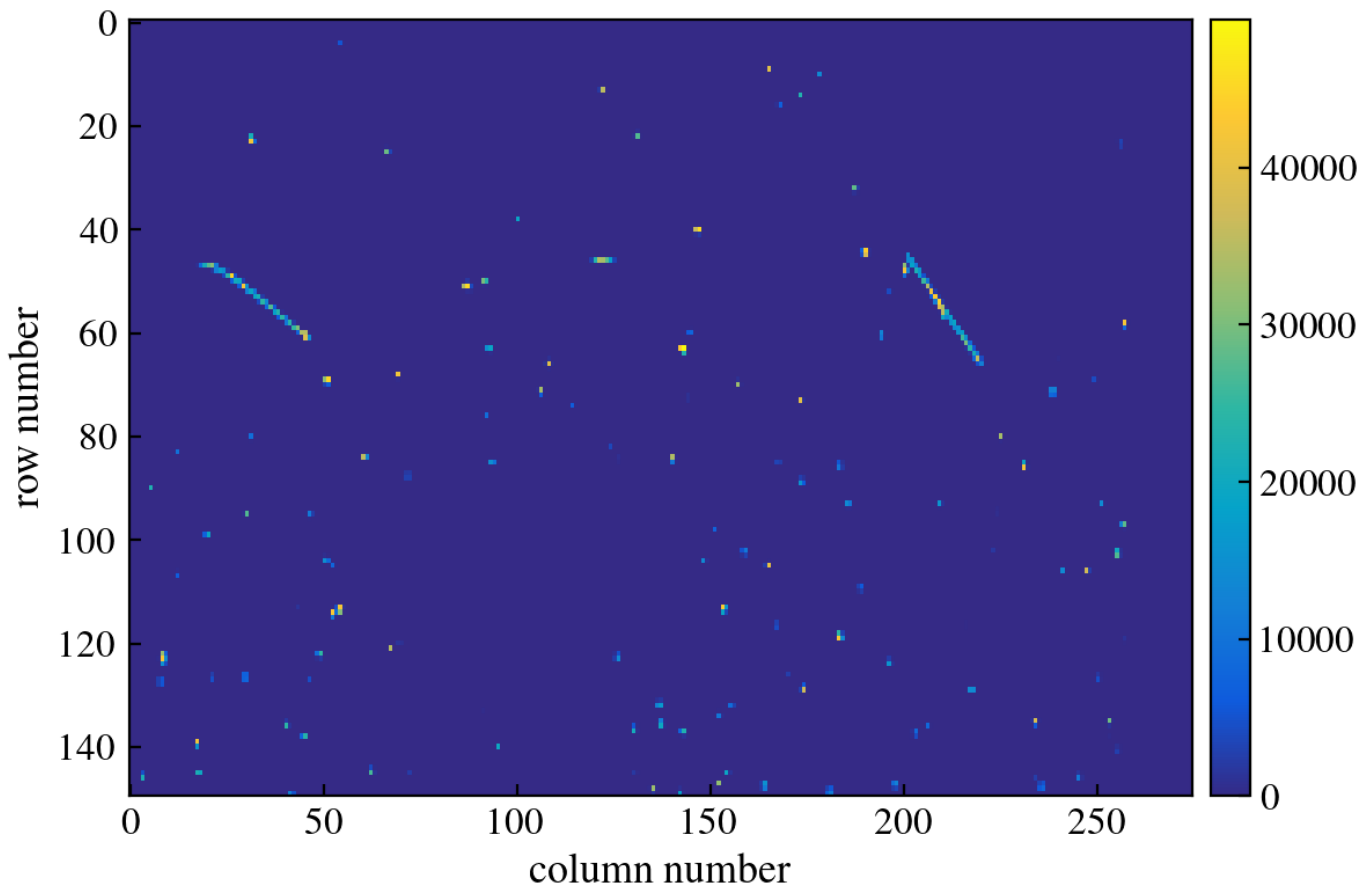


Figure 42: CCD Image

CCD Image: run 147, image 108  
[class MECCDImage]

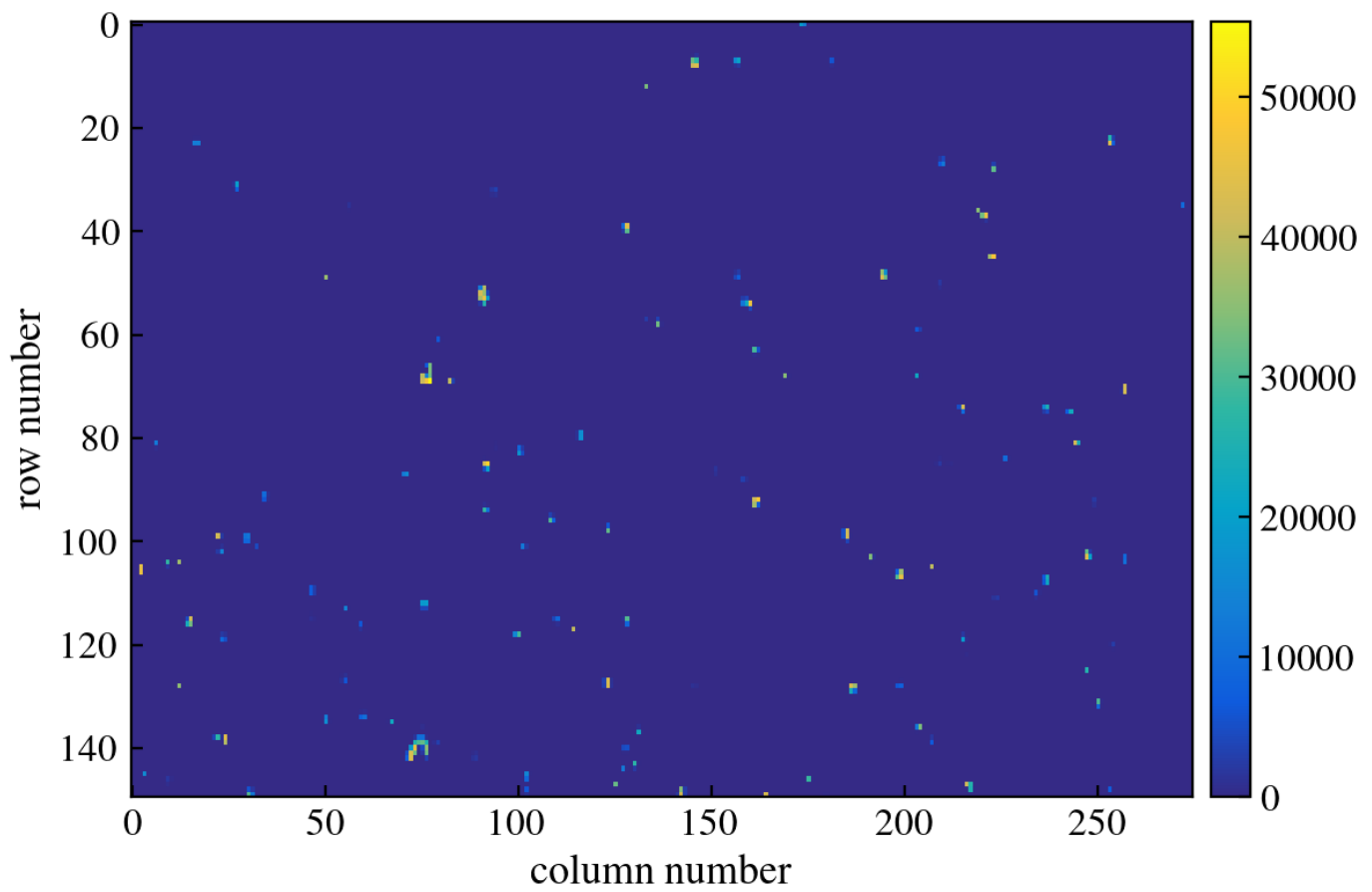


Figure 43: CCD Image



CCD Image: run 147, image 109  
[class MECCDImage]

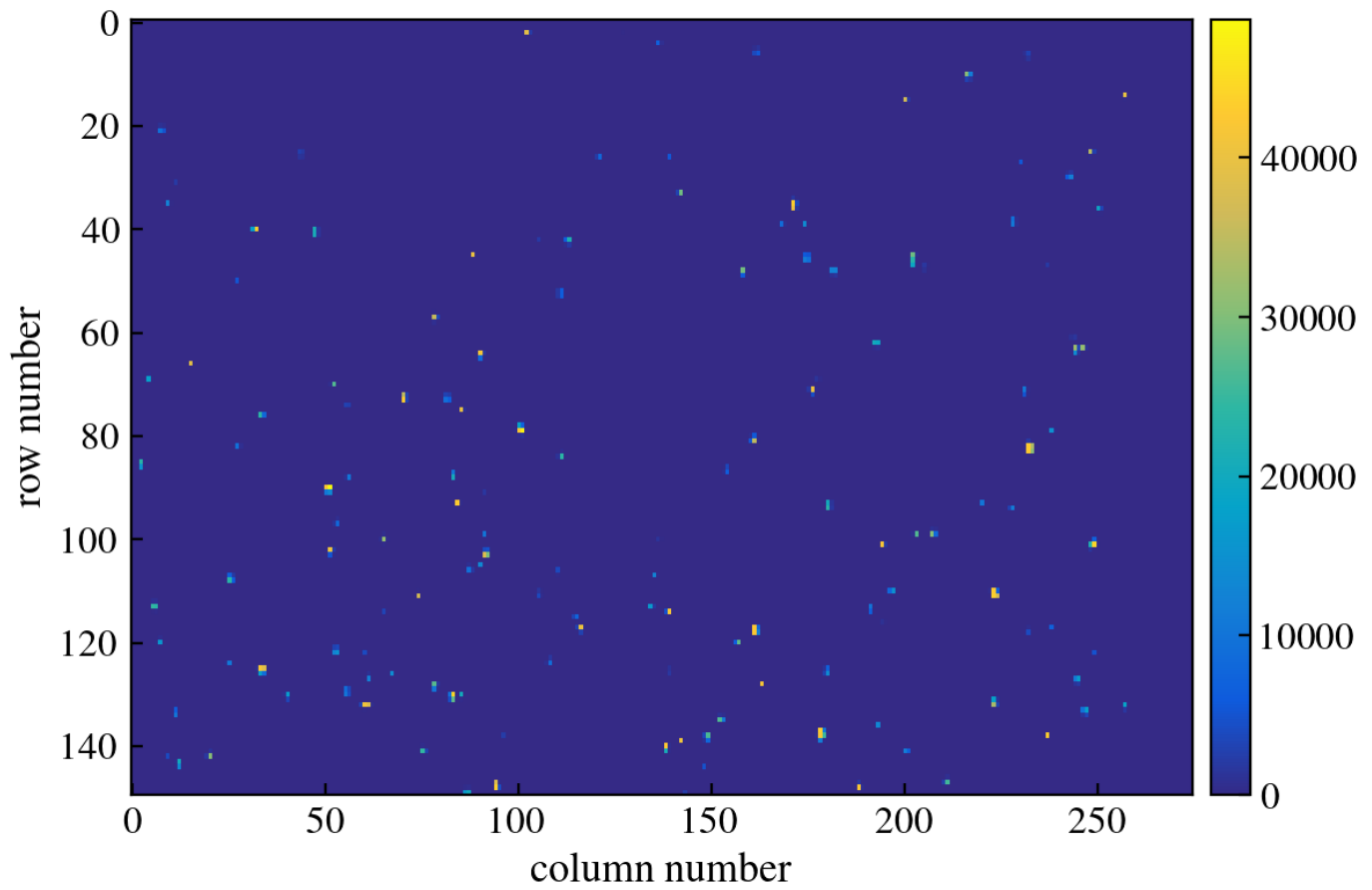


Figure 44: CCD Image

CCD Image: run 147, image 11  
[class MECCDImage]

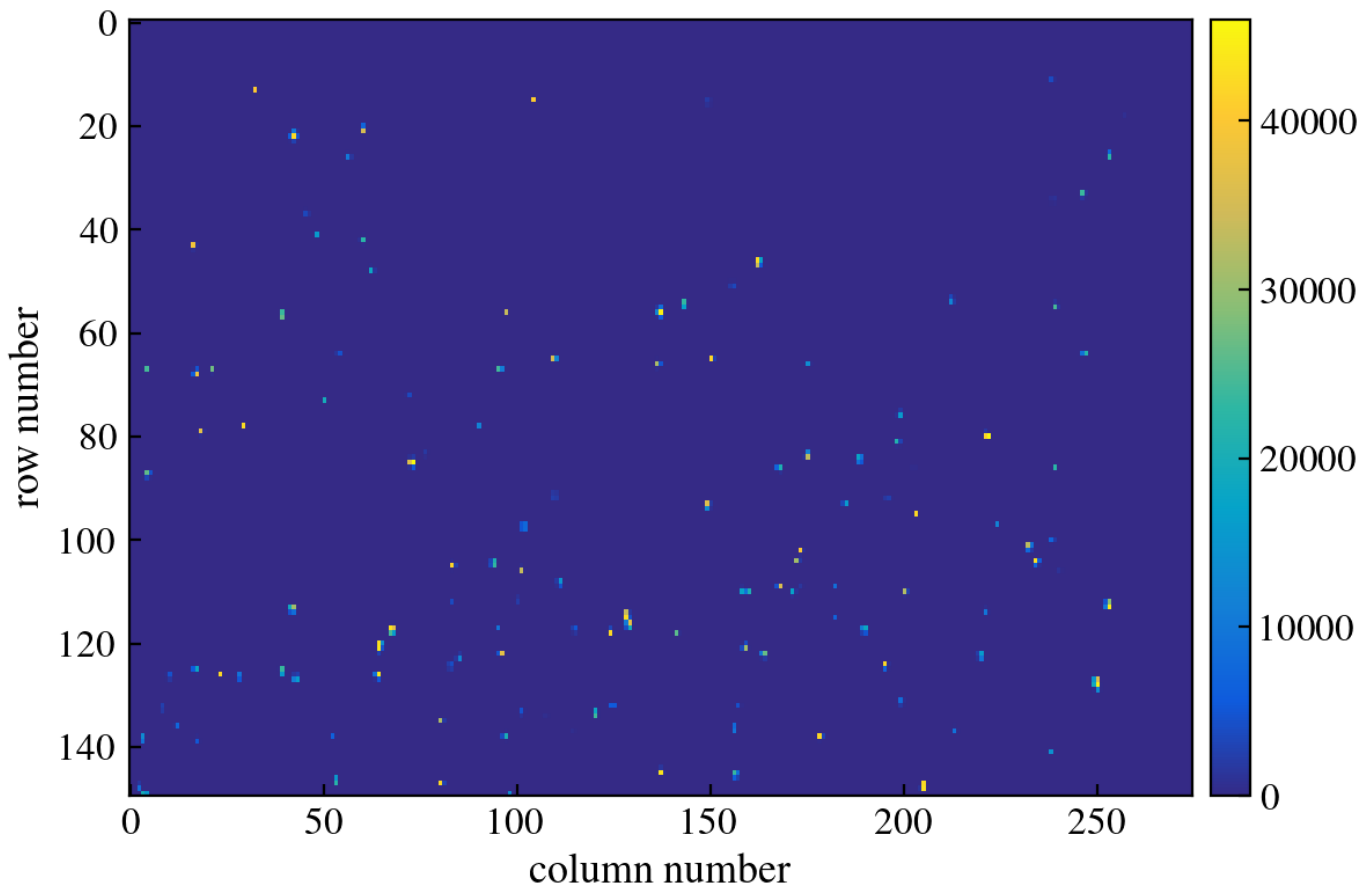


Figure 45: CCD Image

CCD Image: run 147, image 110  
[class MECCDImage]

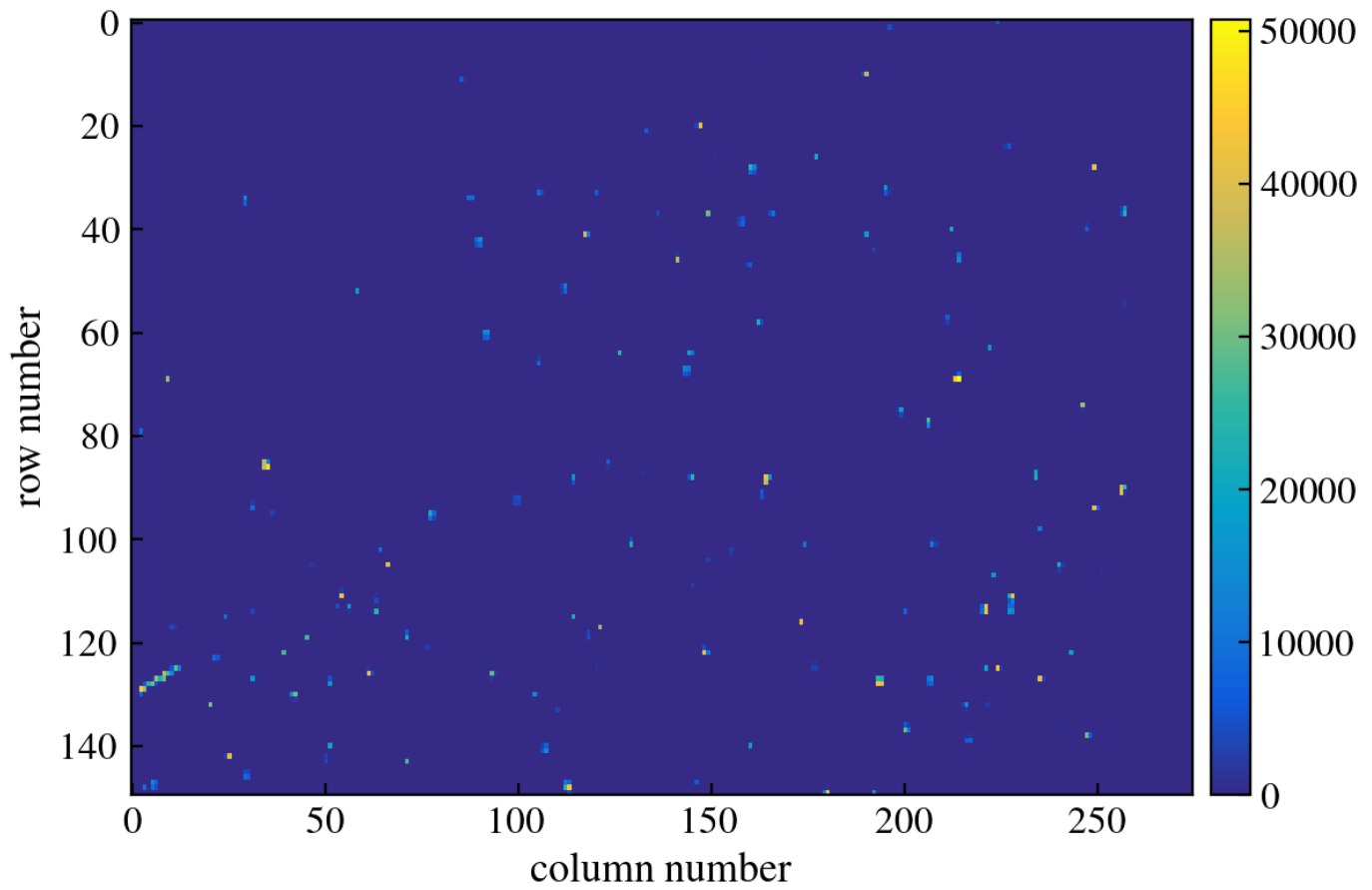


Figure 46: CCD Image

CCD Image: run 147, image 111  
[class MECCDImage]

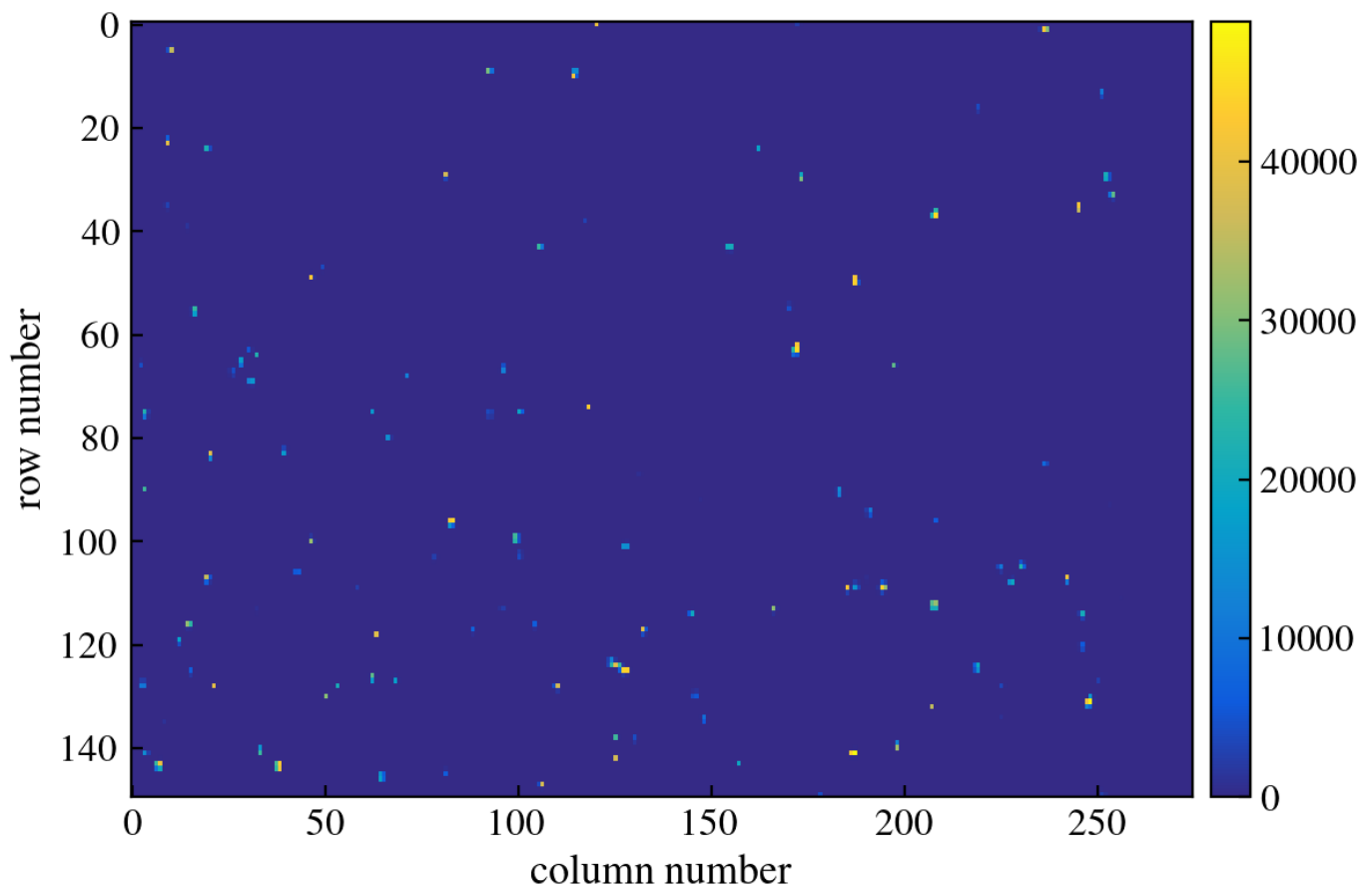


Figure 47: CCD Image

CCD Image: run 147, image 112  
[class MECCDImage]

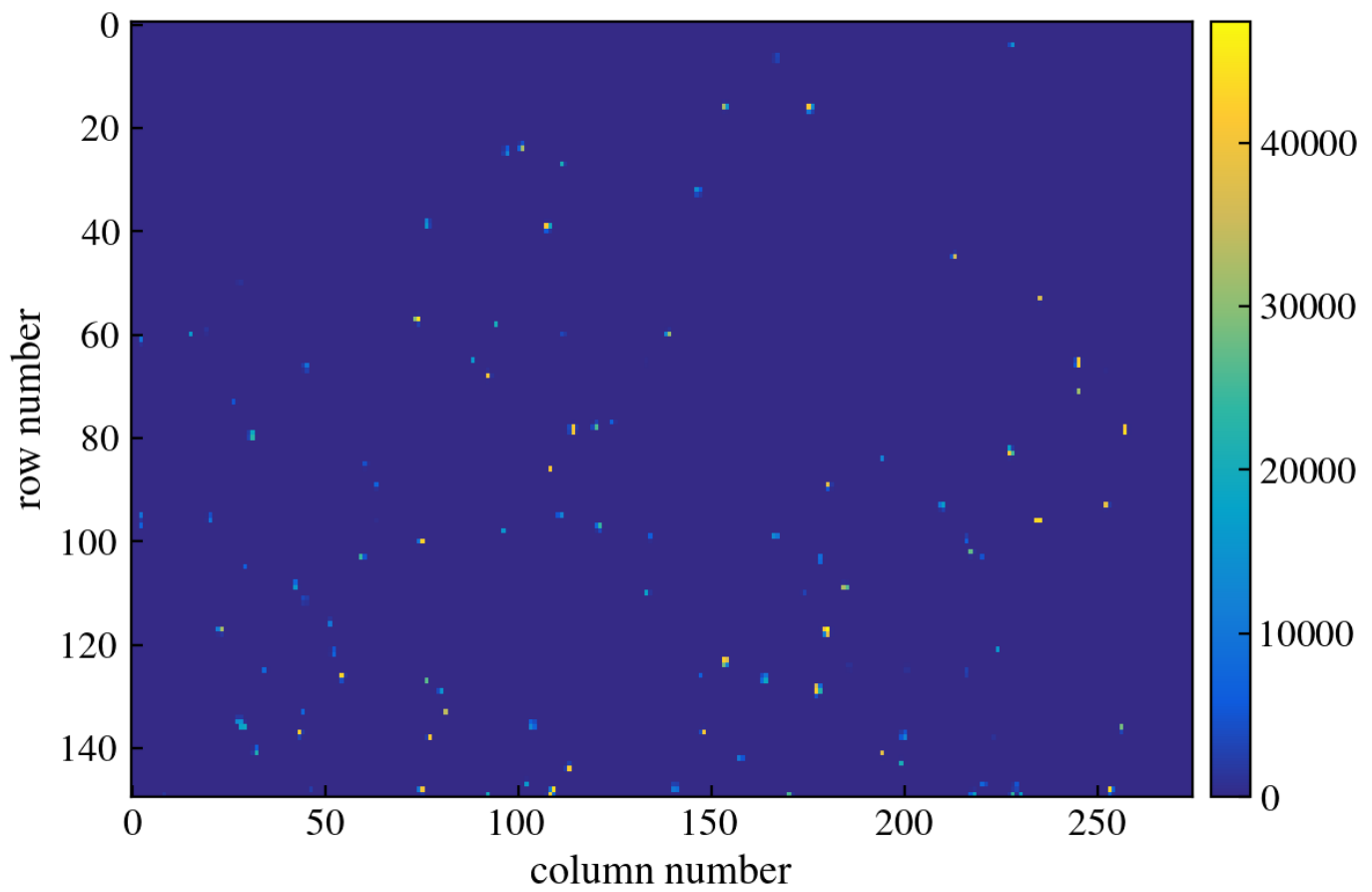


Figure 48: CCD Image

CCD Image: run 147, image 113  
[class MECCDImage]

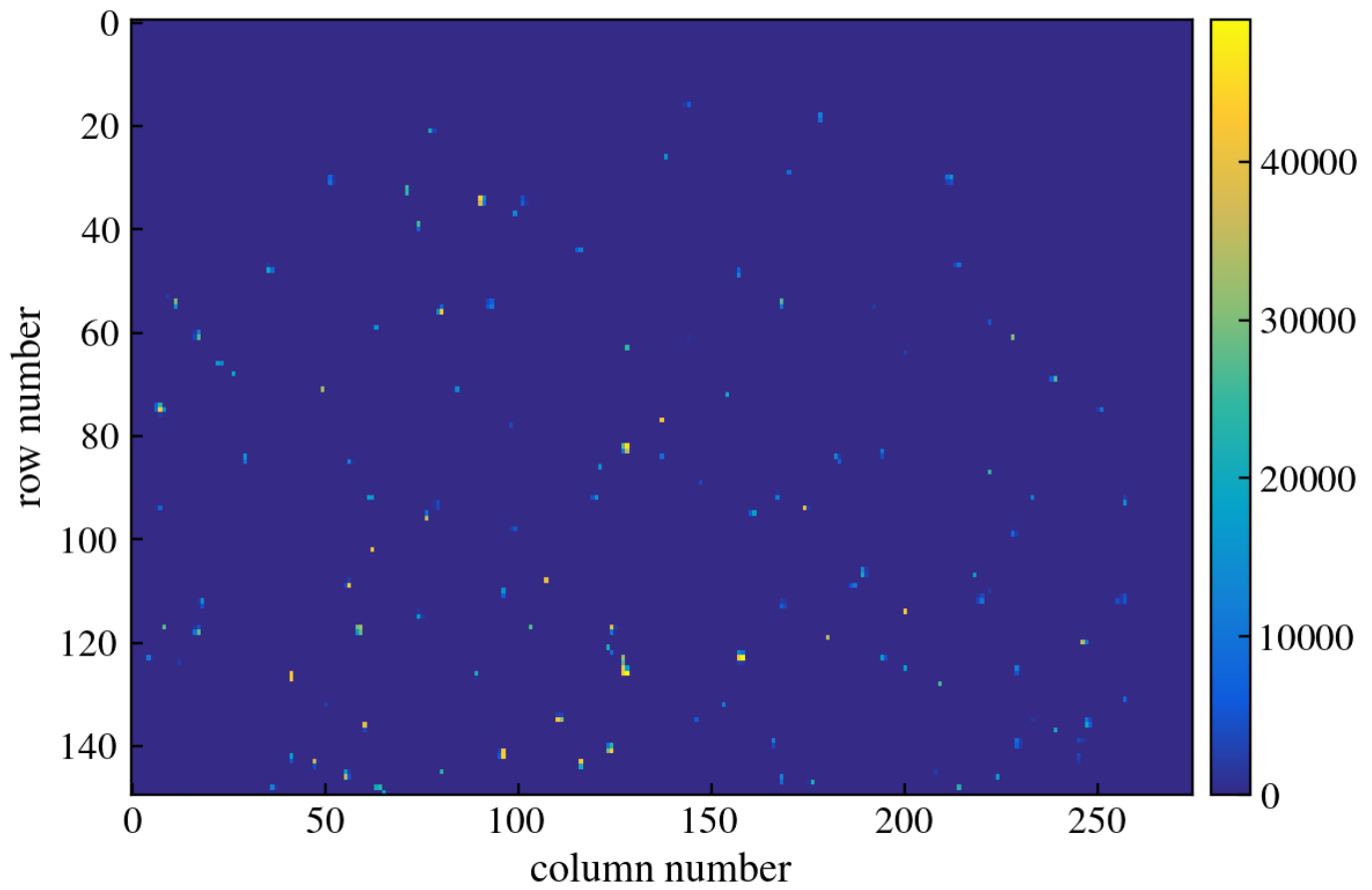


Figure 49: CCD Image

CCD Image: run 147, image 114  
[class MECCDImage]

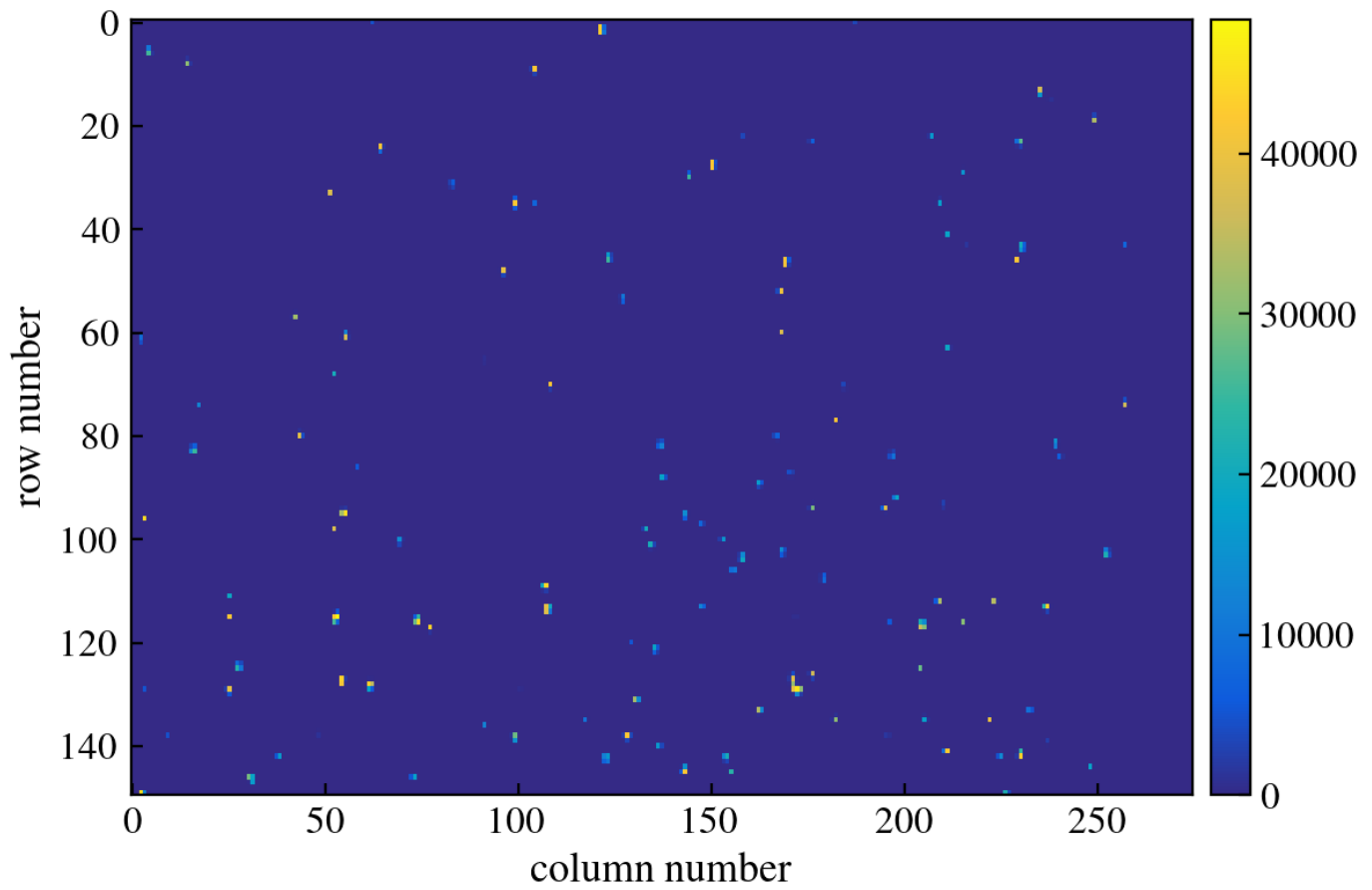


Figure 50: CCD Image

CCD Image: run 147, image 115  
[class MECCDImage]

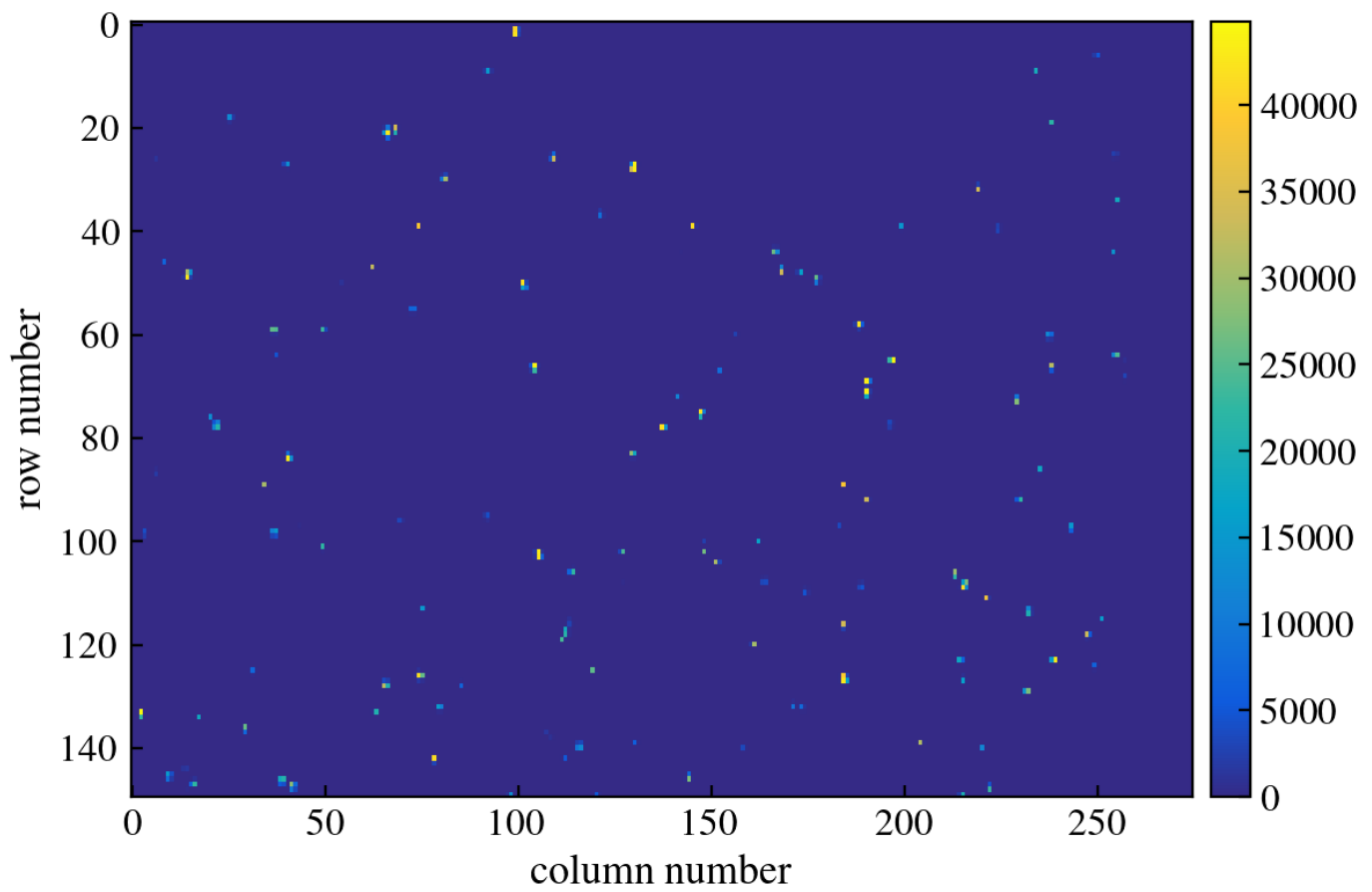


Figure 51: CCD Image



CCD Image: run 147, image 116  
[class MECCDImage]

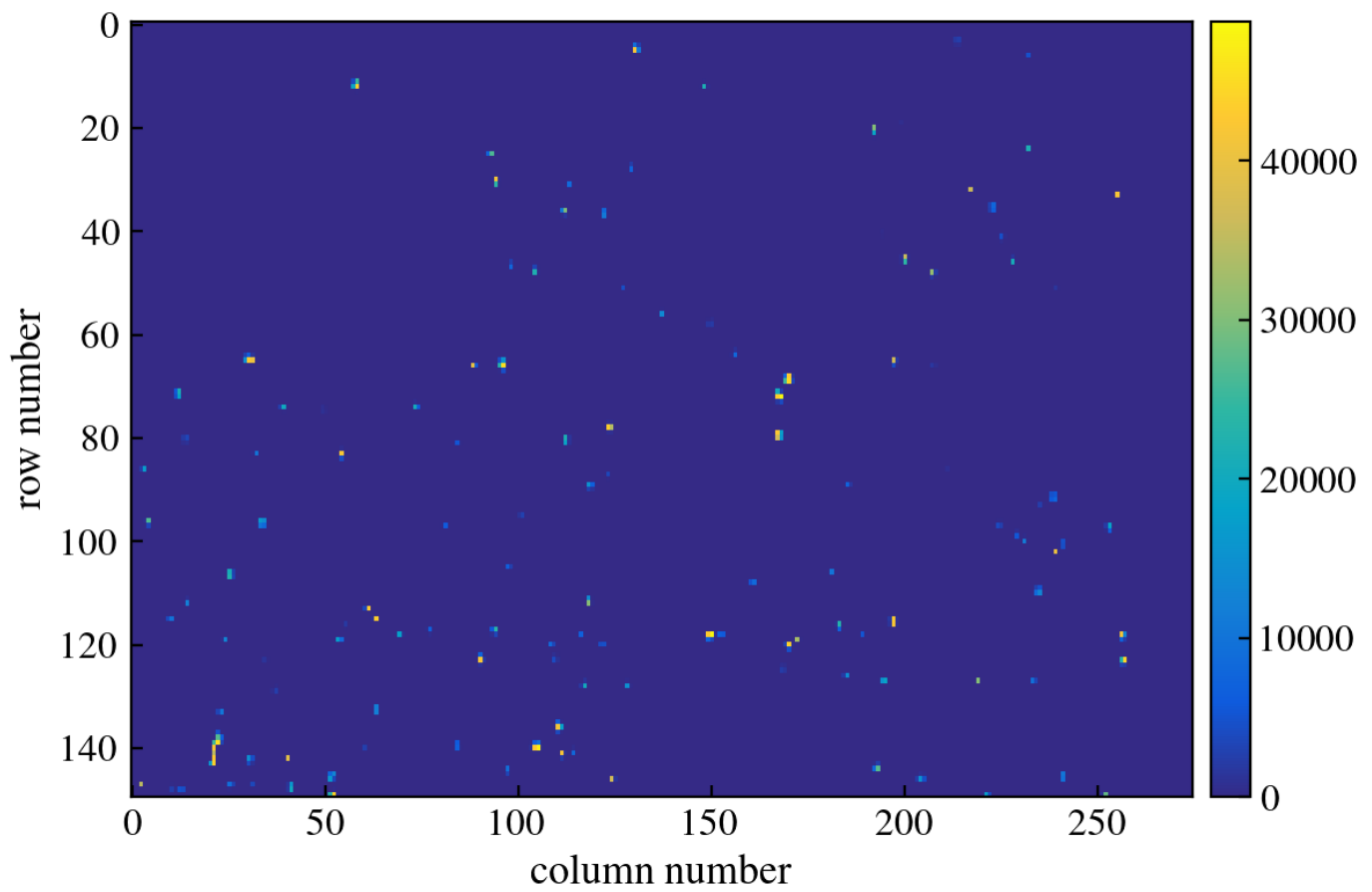


Figure 52: CCD Image

CCD Image: run 147, image 117  
[class MECCDImage]

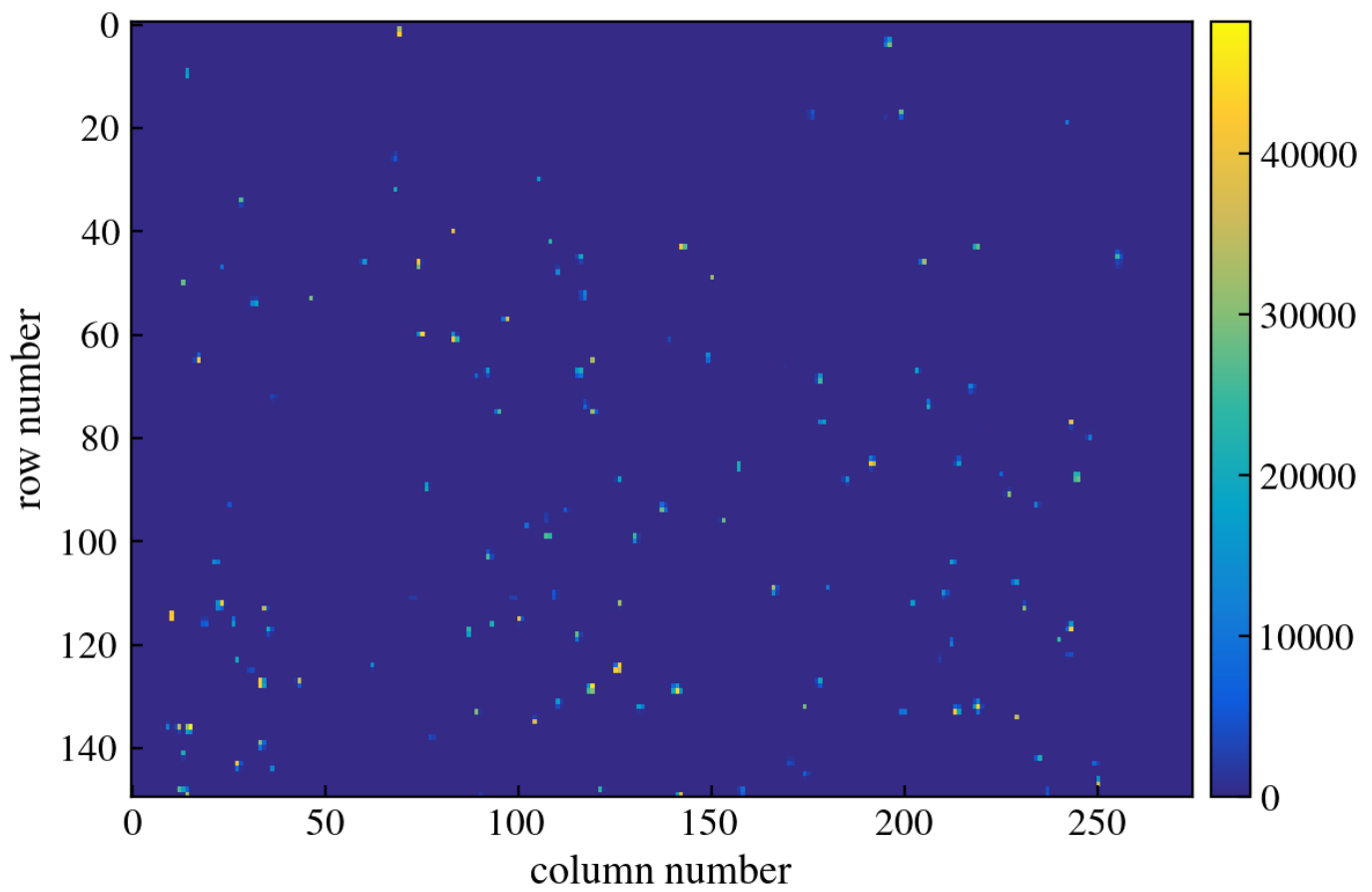


Figure 53: CCD Image

CCD Image: run 147, image 118  
[class MECCDImage]

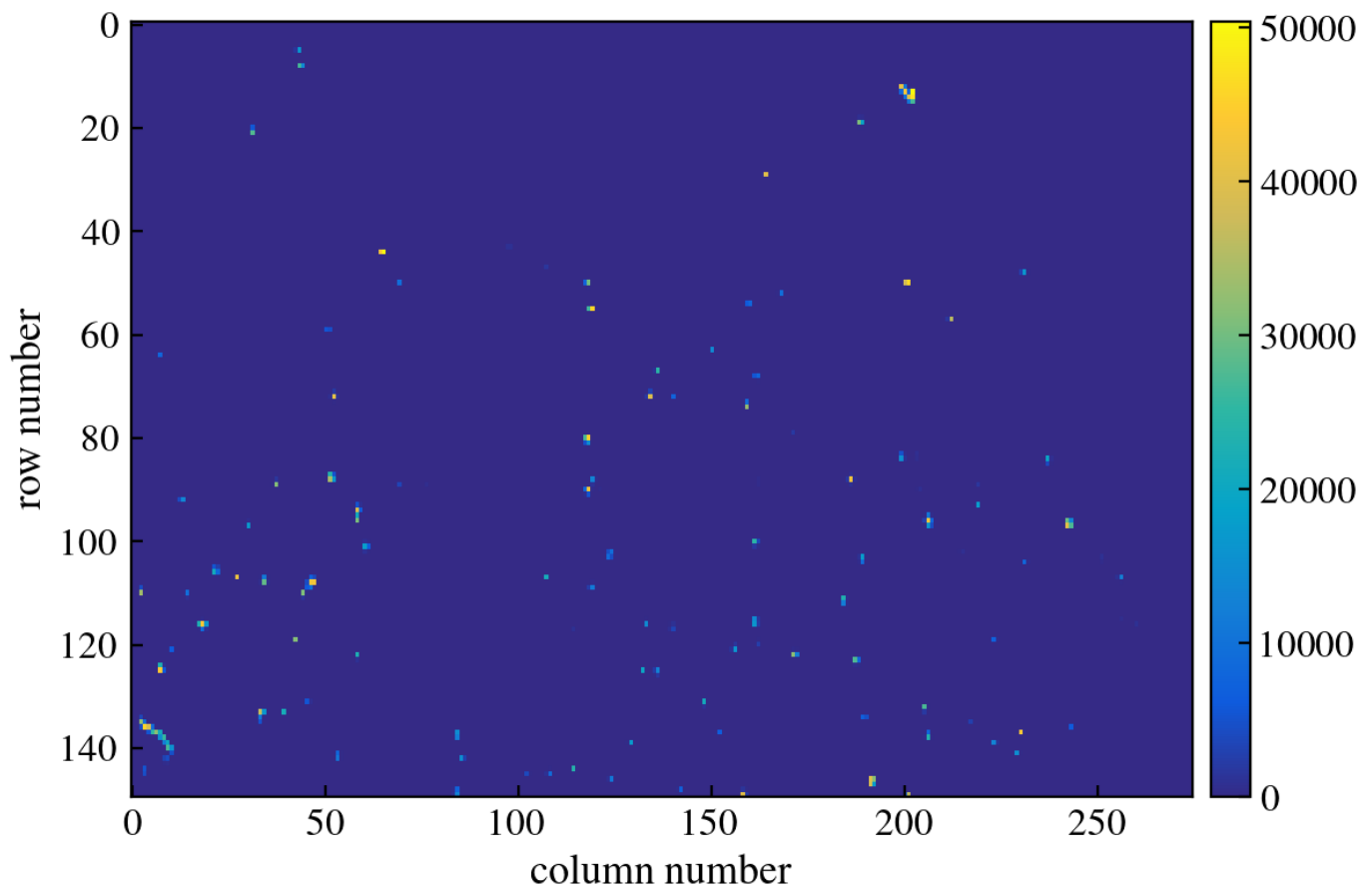


Figure 54: CCD Image

CCD Image: run 147, image 119  
[class MECCDImage]

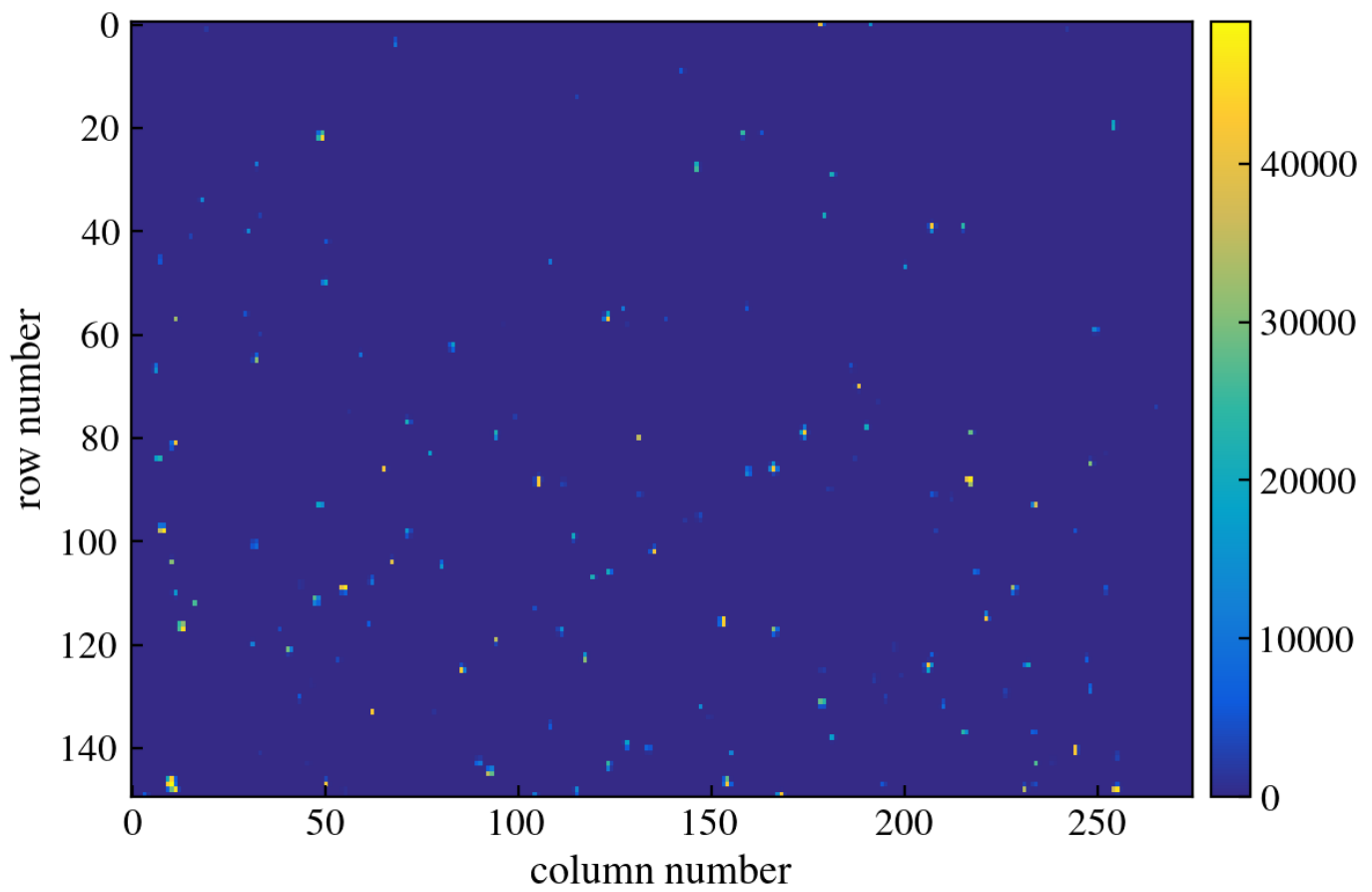


Figure 55: CCD Image

CCD Image: run 147, image 12  
[class MECCDImage]

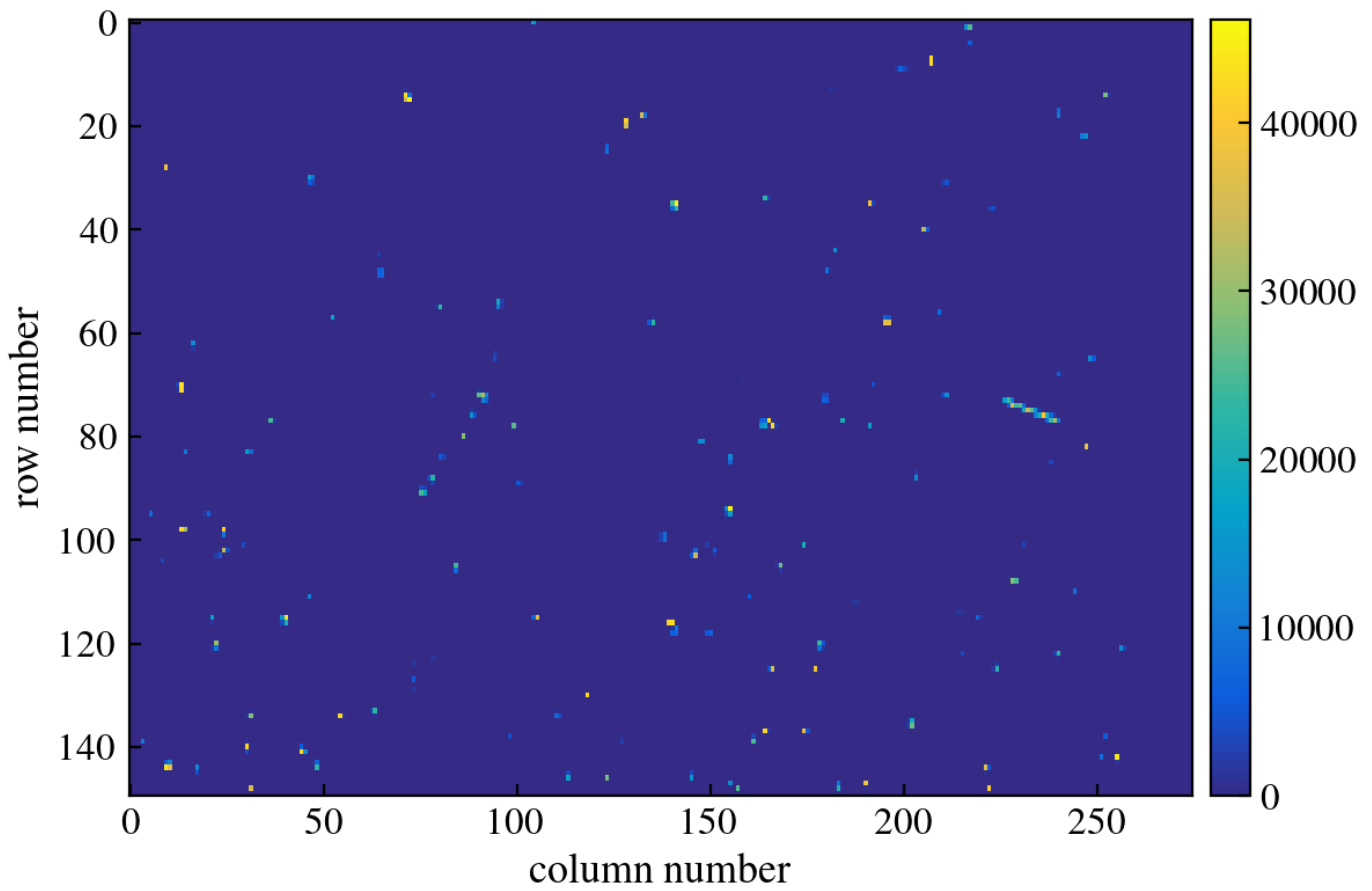


Figure 56: CCD Image

CCD Image: run 147, image 120  
[class MECCDImage]

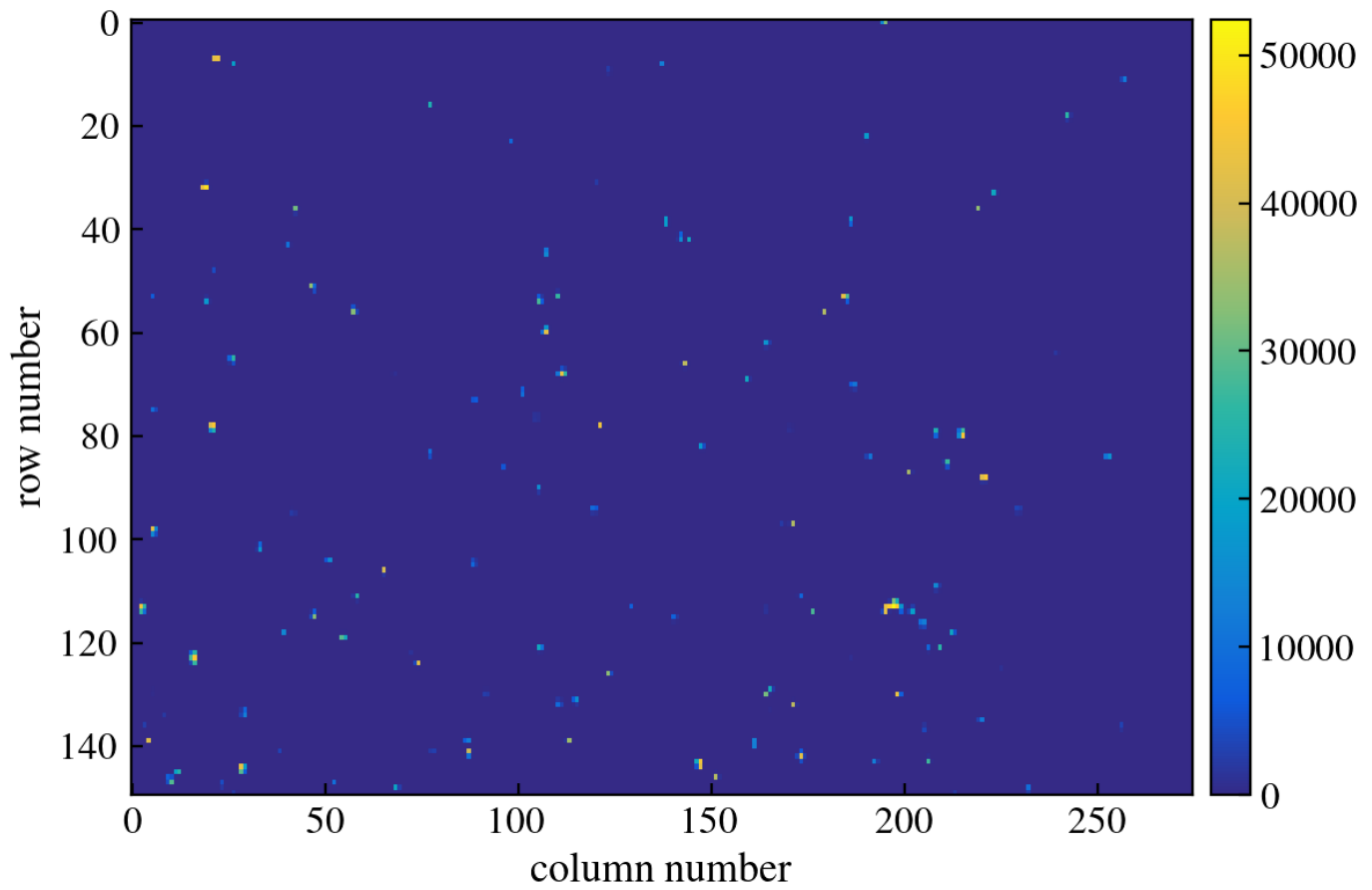


Figure 57: CCD Image

CCD Image: run 147, image 121  
[class MECCDImage]

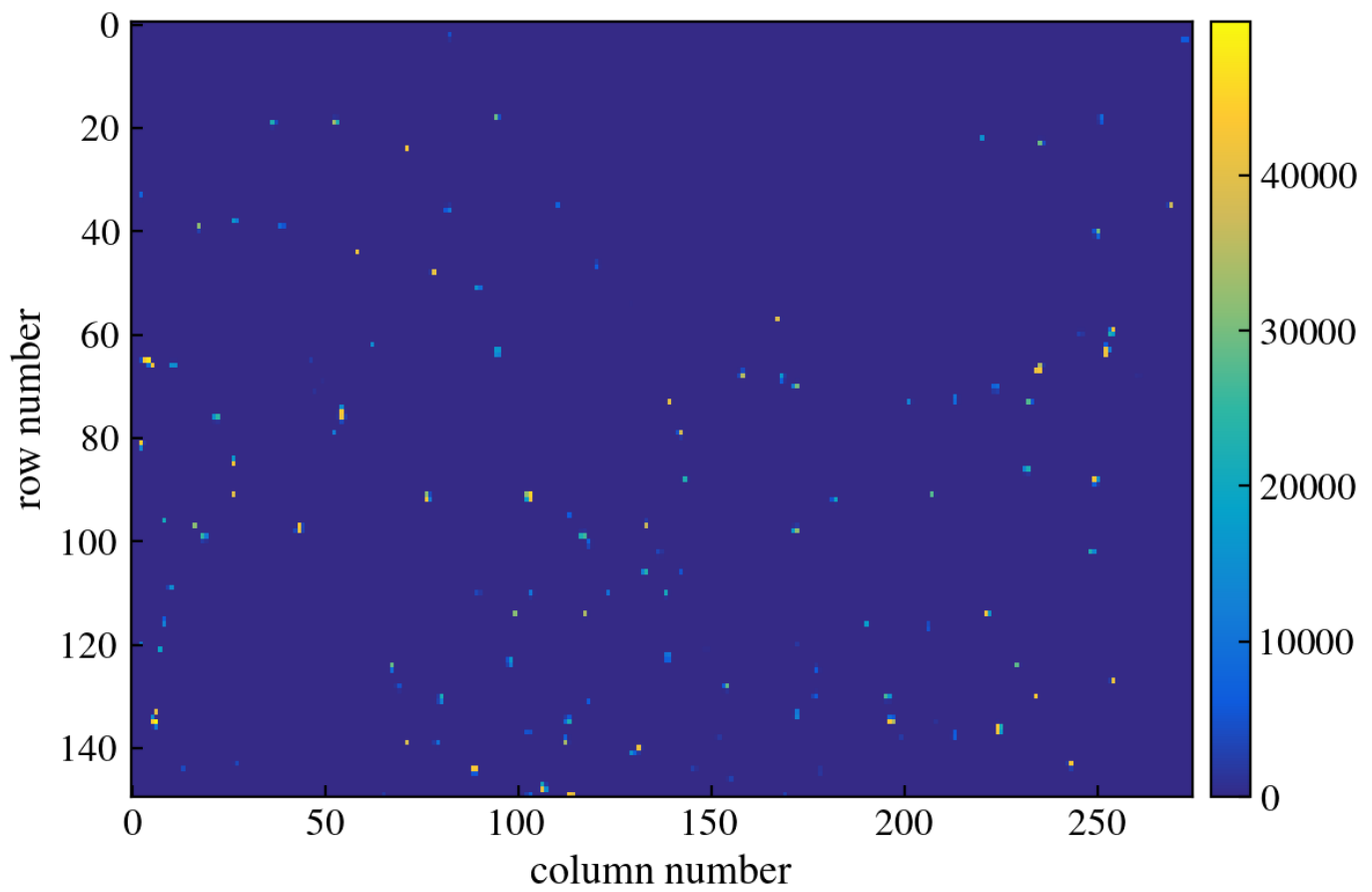


Figure 58: CCD Image

CCD Image: run 147, image 122  
[class MECCDImage]

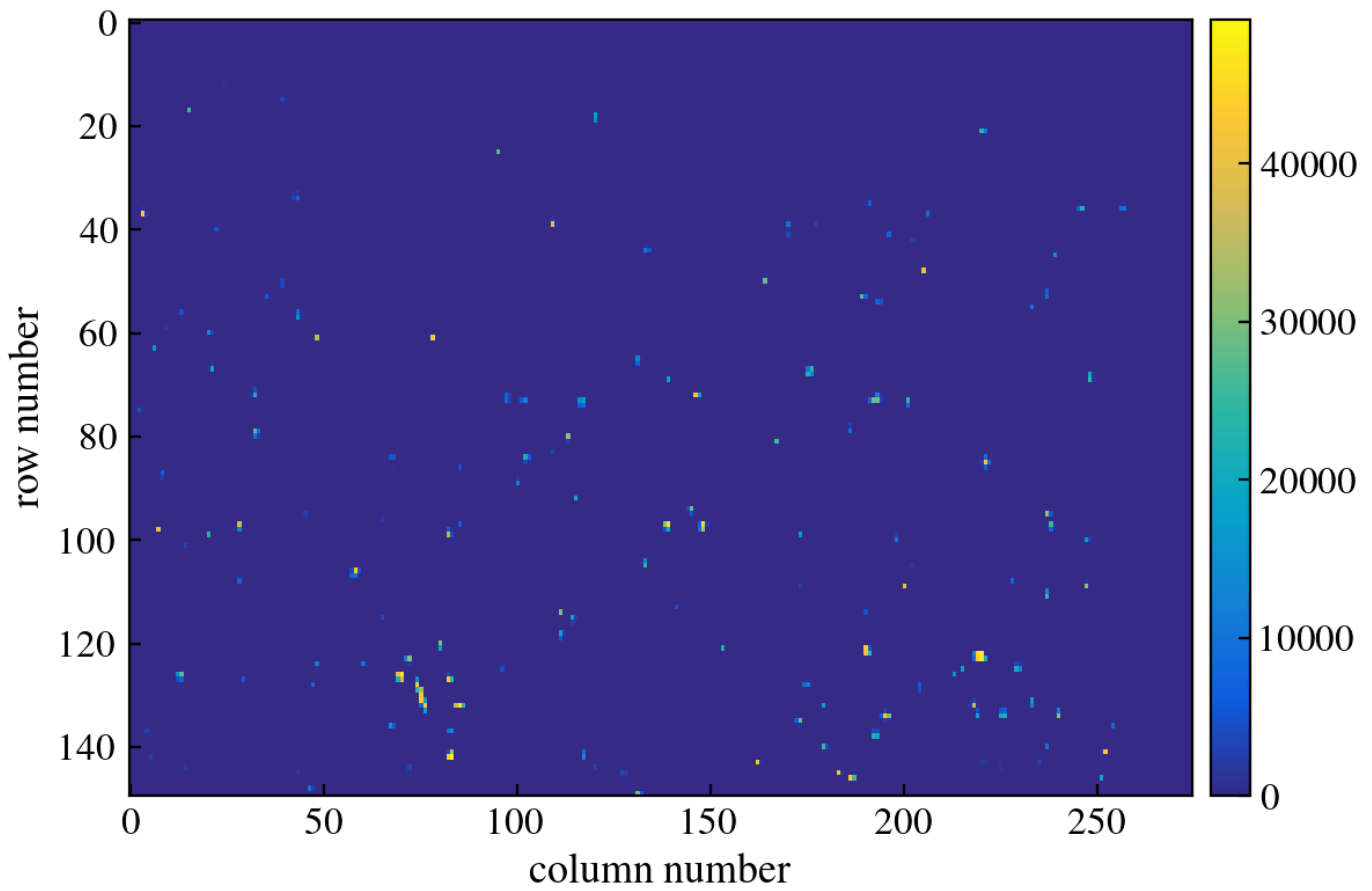


Figure 59: CCD Image



CCD Image: run 147, image 123  
[class MECCDImage]

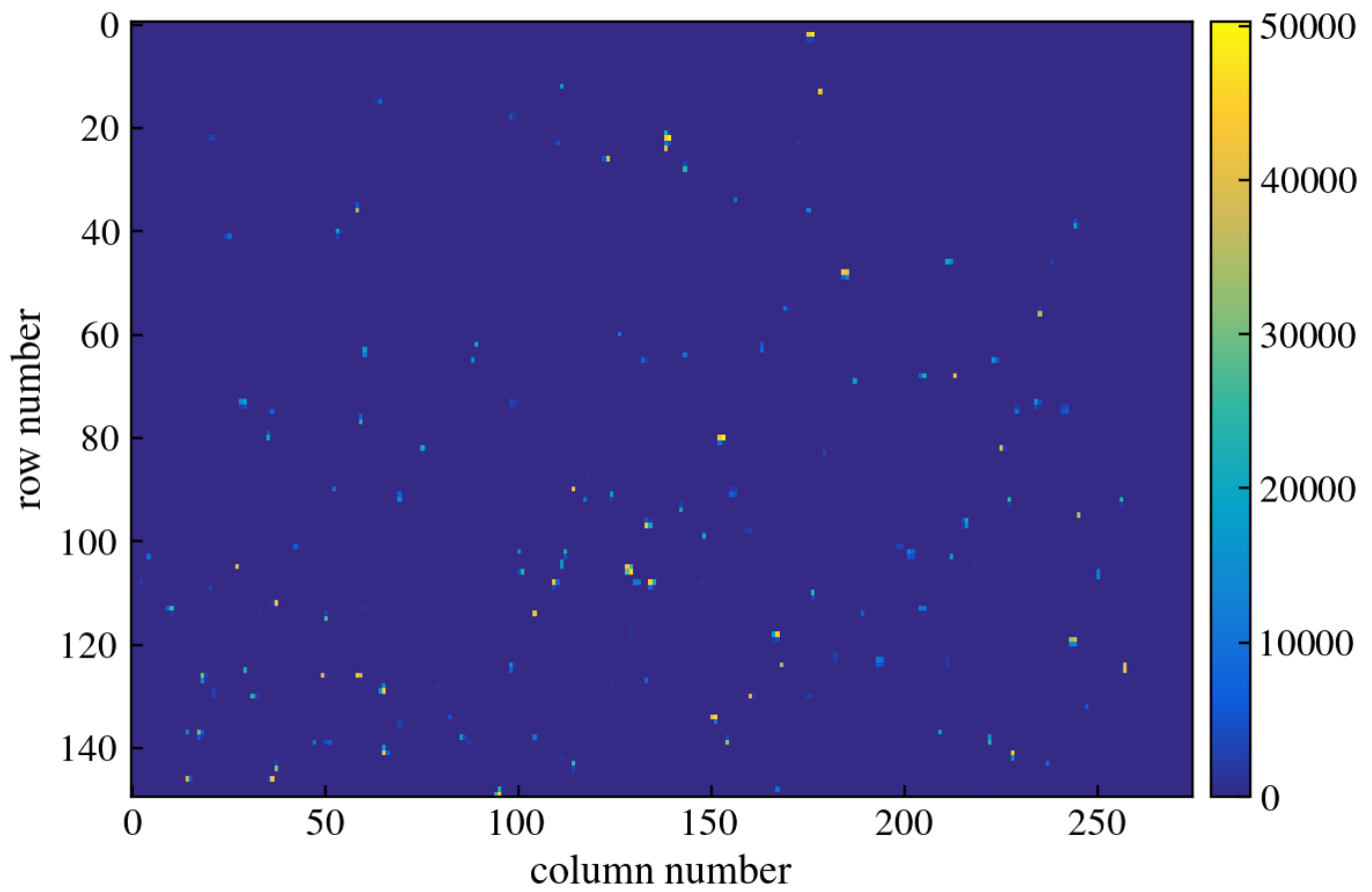


Figure 60: CCD Image

CCD Image: run 147, image 124  
[class MECCDImage]

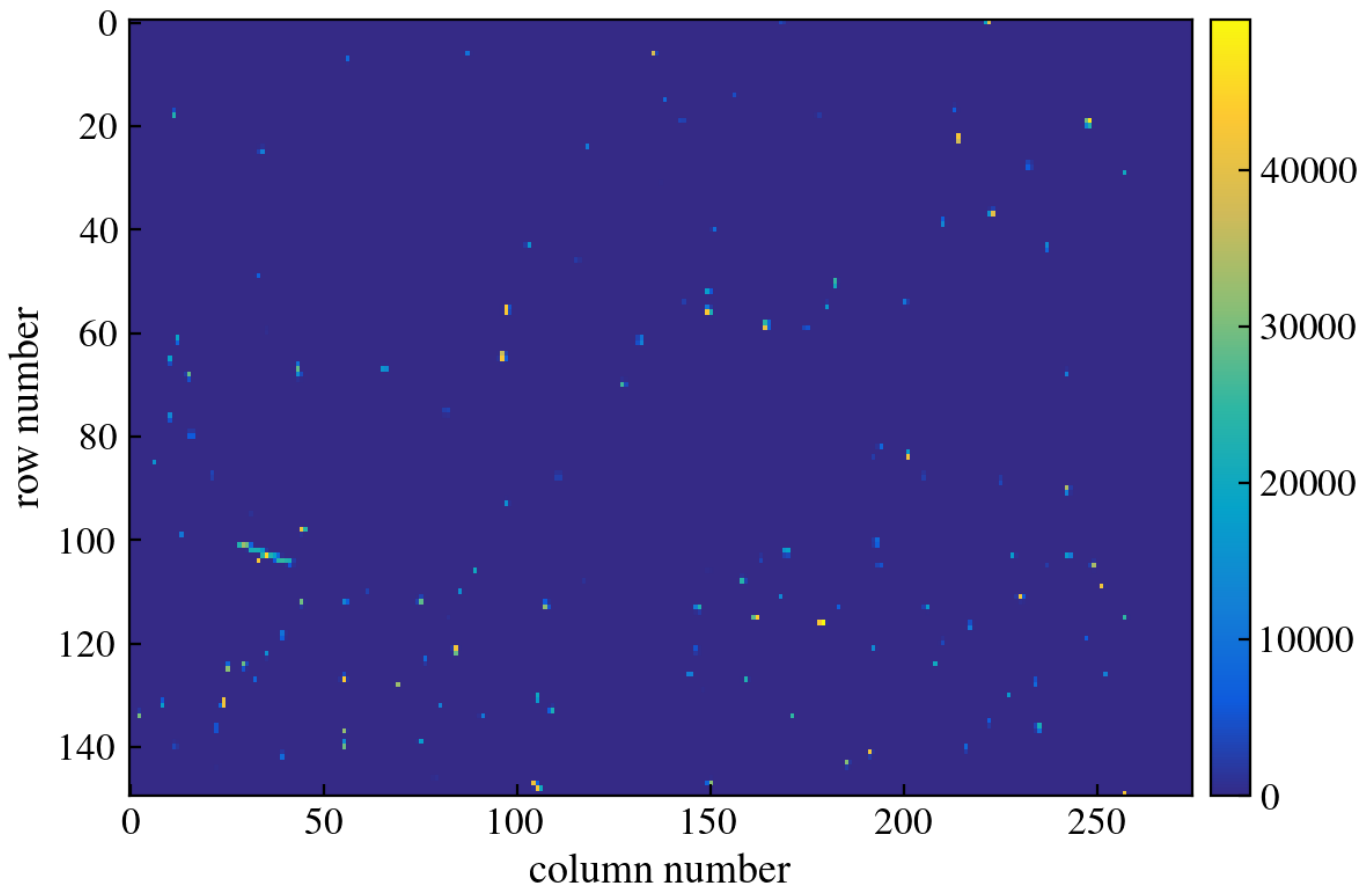


Figure 61: CCD Image

CCD Image: run 147, image 125  
[class MECCDImage]

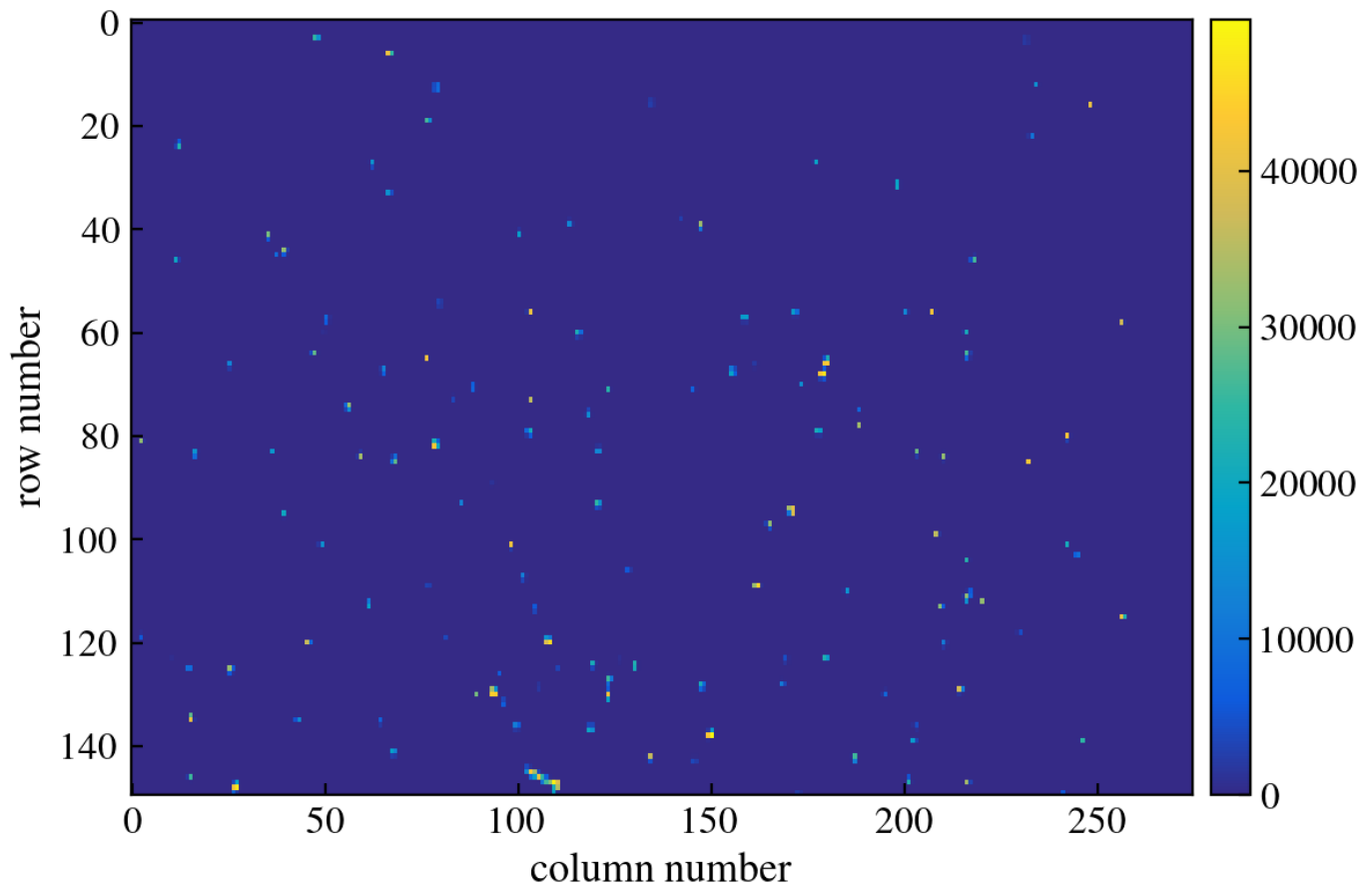


Figure 62: CCD Image

CCD Image: run 147, image 126  
[class MECCDImage]

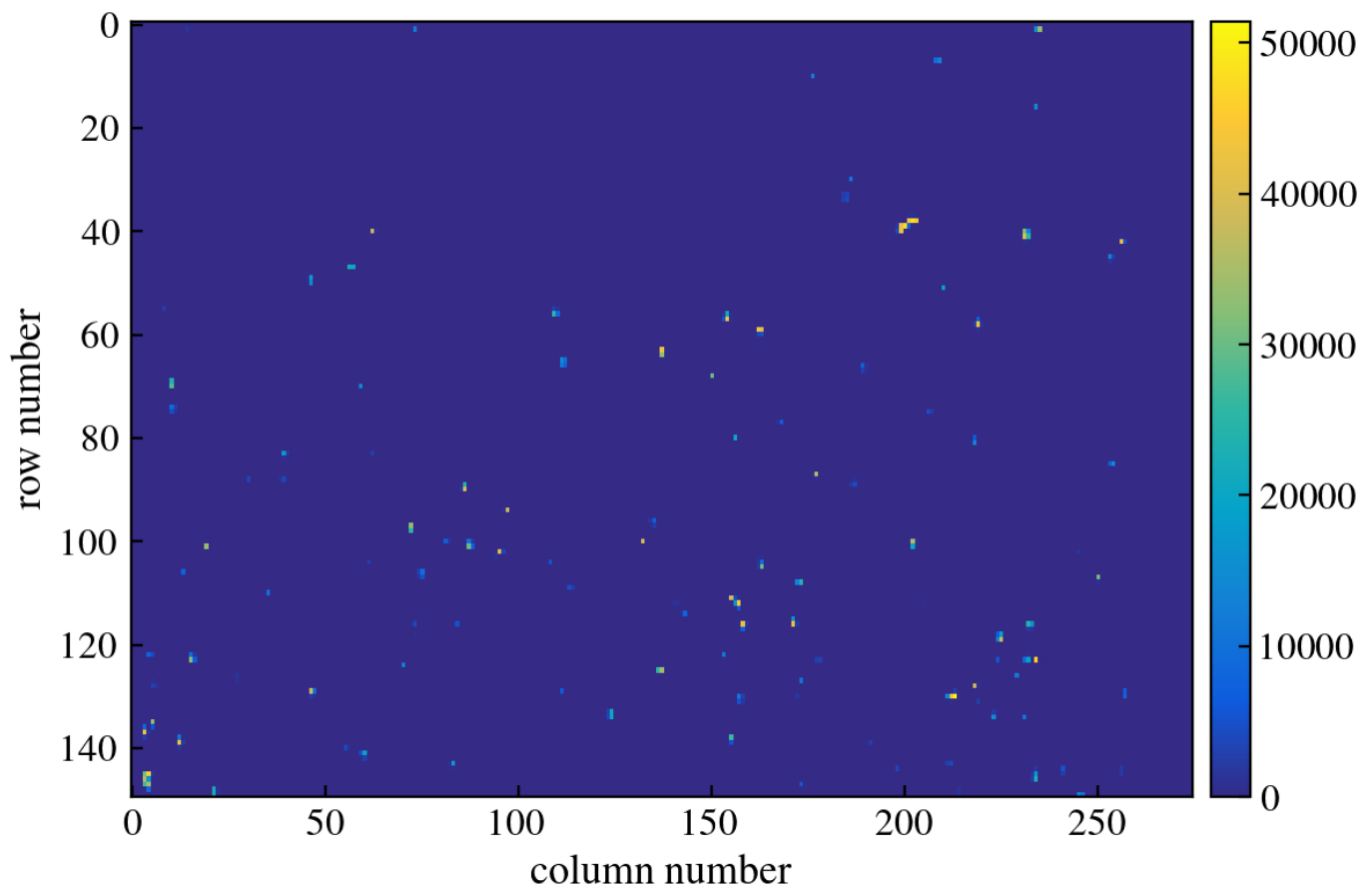


Figure 63: CCD Image

CCD Image: run 147, image 127  
[class MECCDImage]

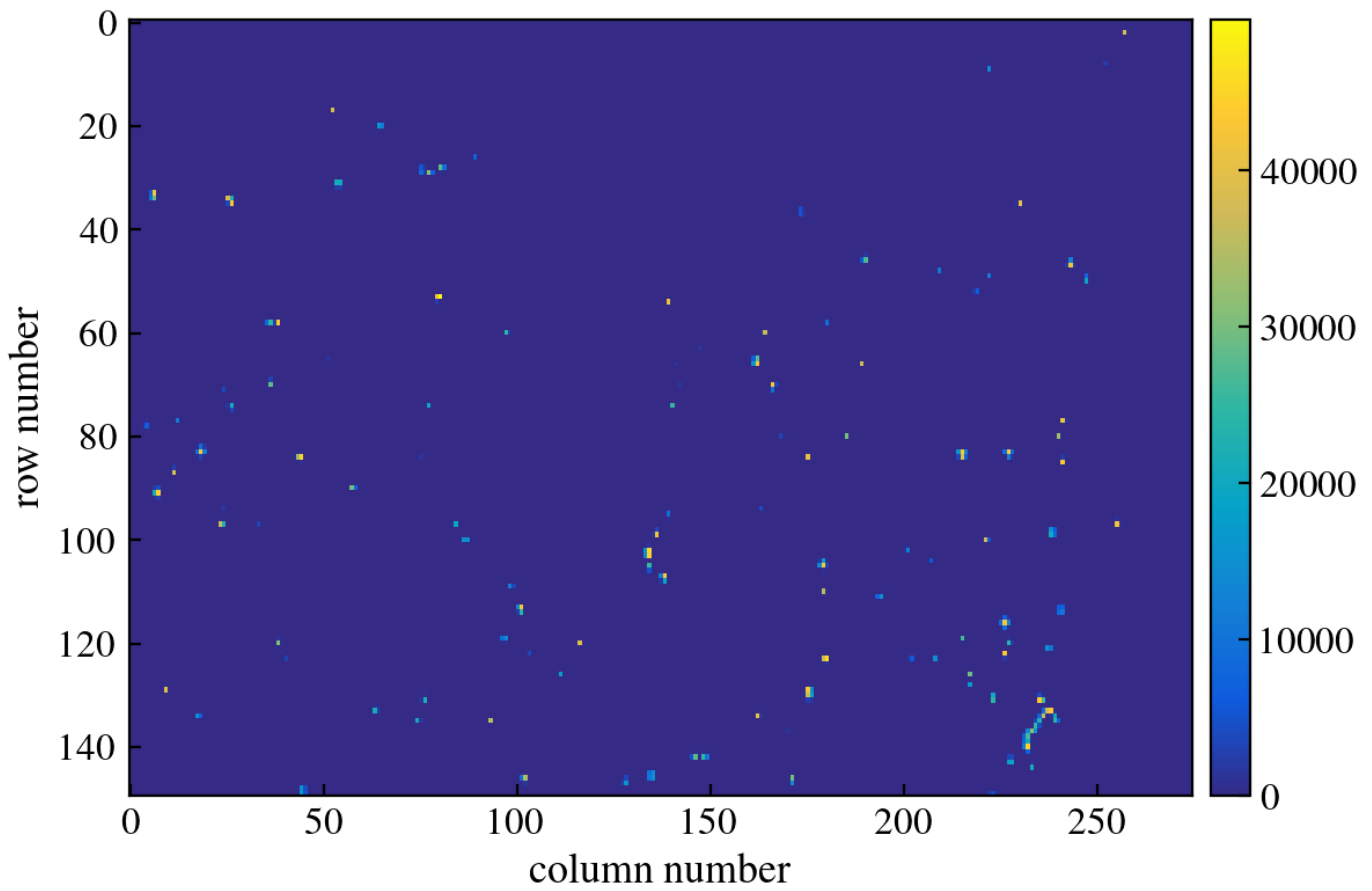


Figure 64: CCD Image

CCD Image: run 147, image 128  
[class MECCDImage]

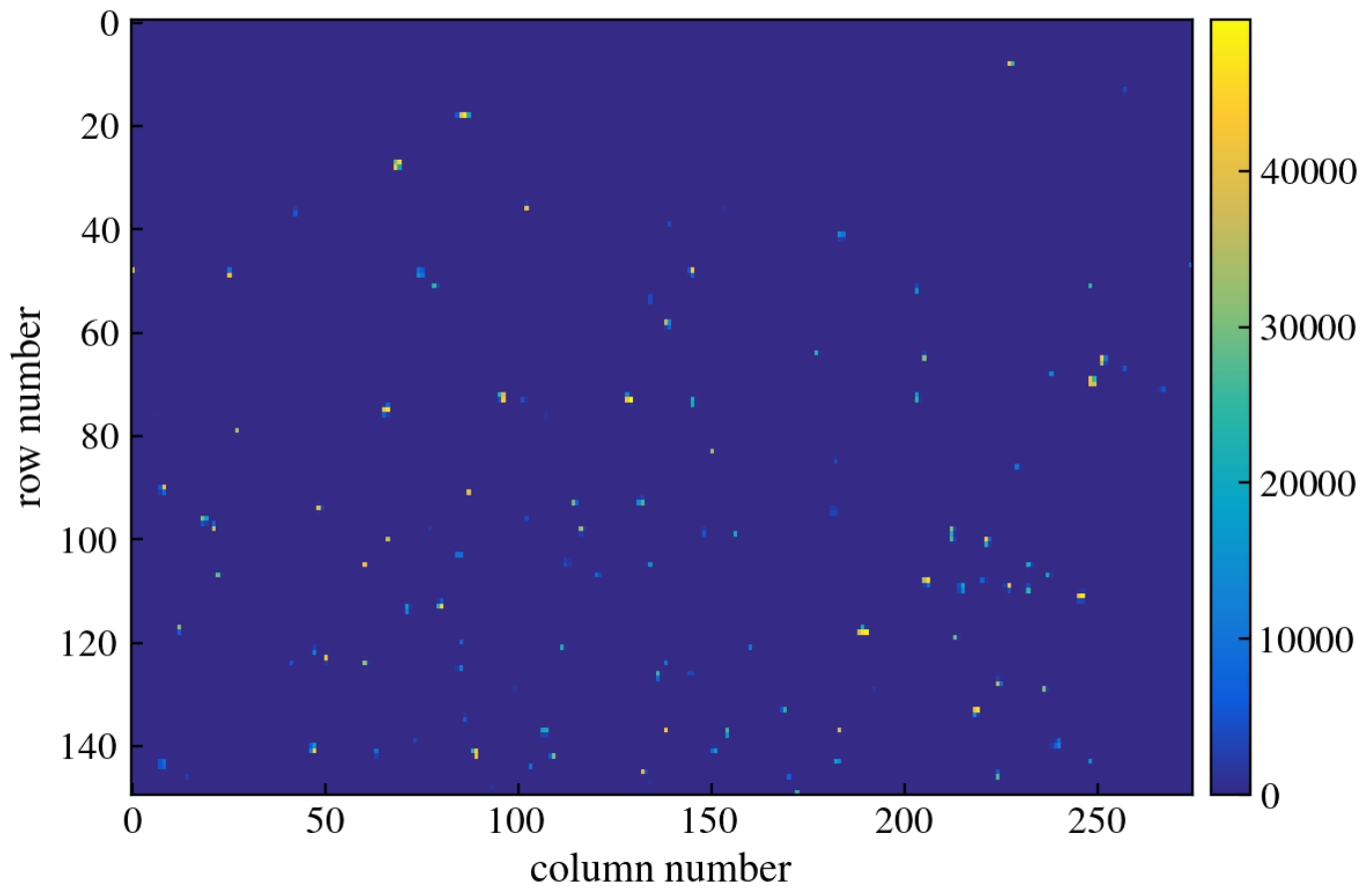


Figure 65: CCD Image

CCD Image: run 147, image 129  
[class MECCDImage]

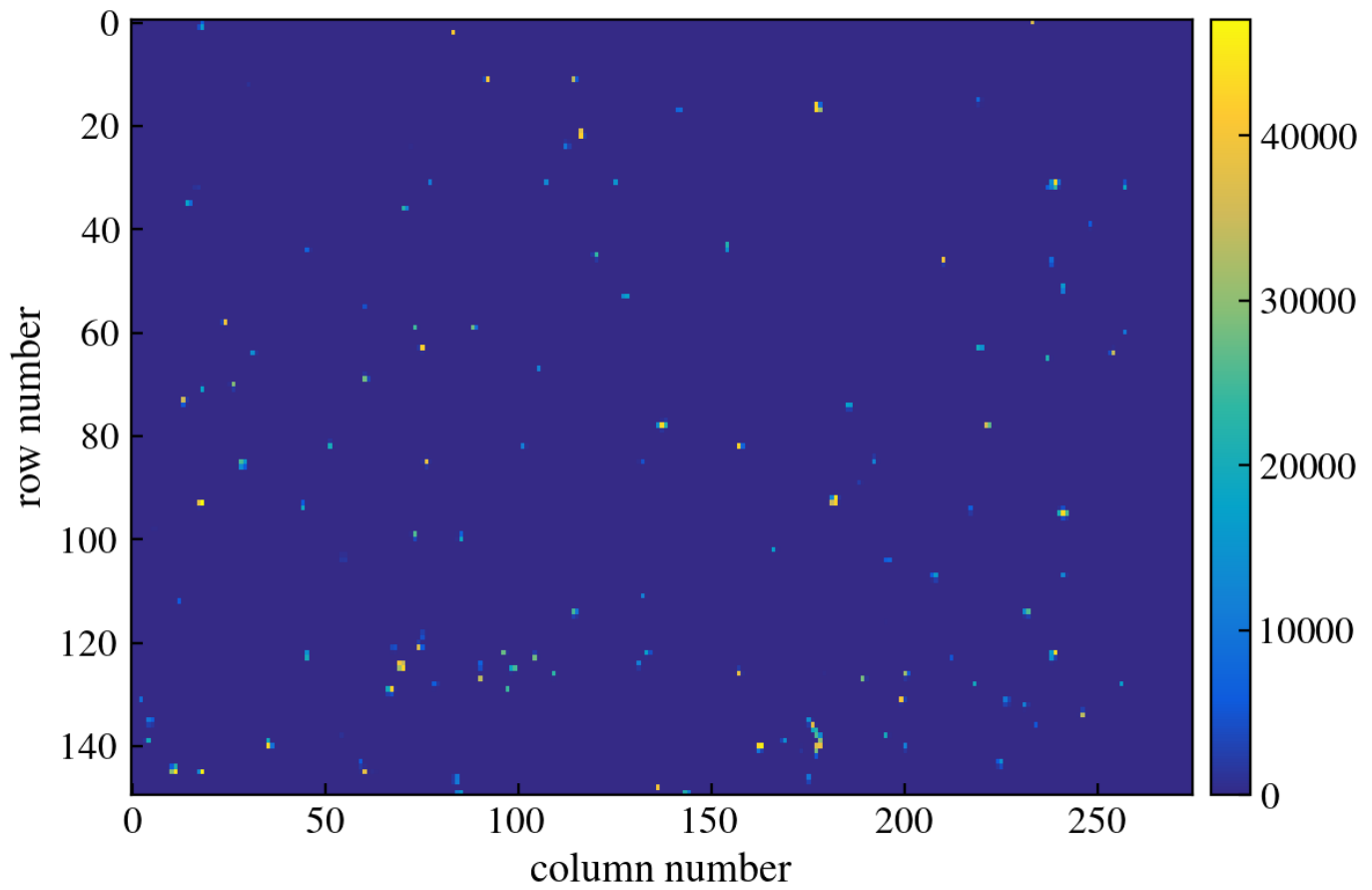


Figure 66: CCD Image

CCD Image: run 147, image 13  
[class MECCDImage]

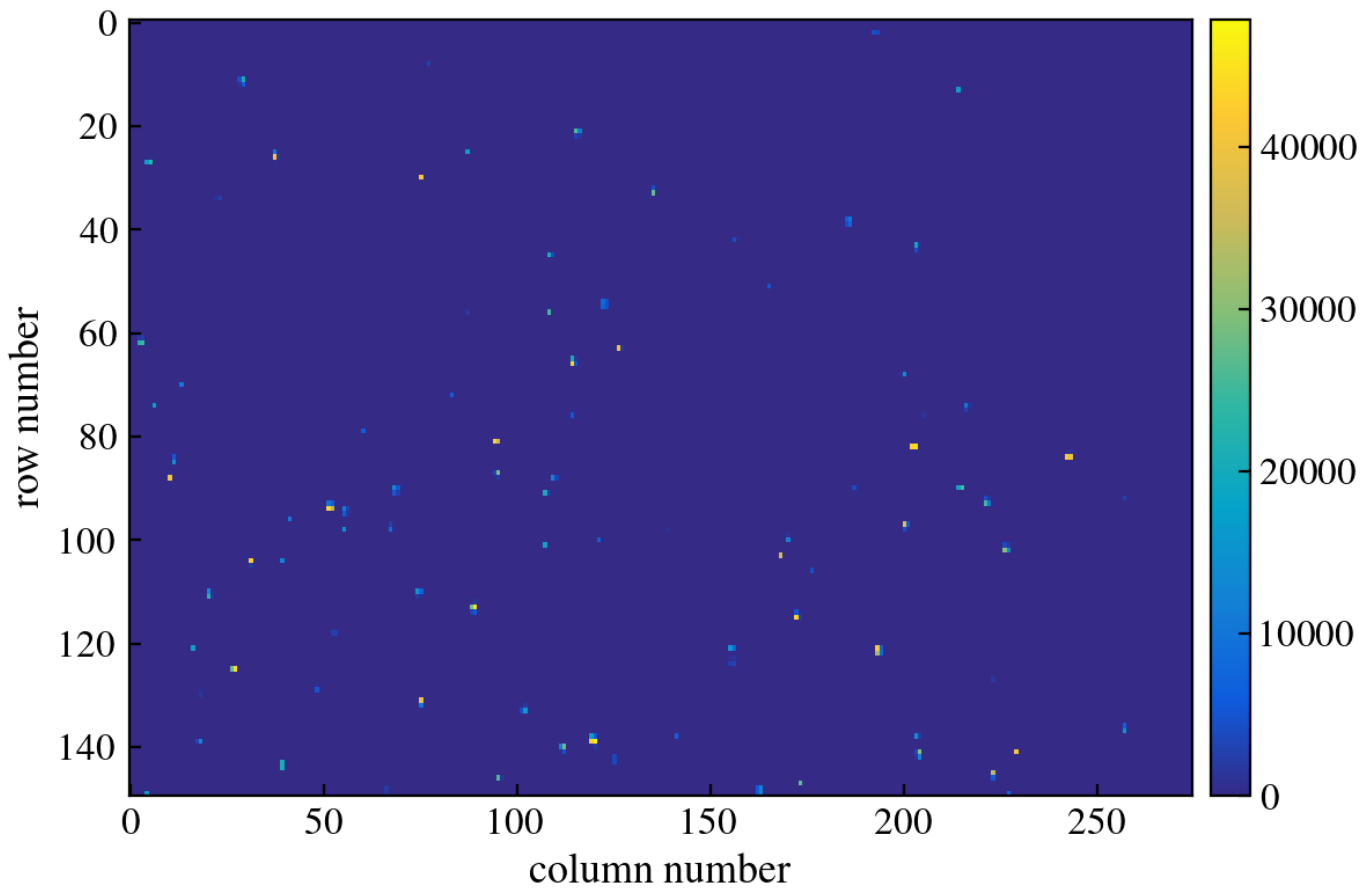


Figure 67: CCD Image



CCD Image: run 147, image 130  
[class MECCDImage]

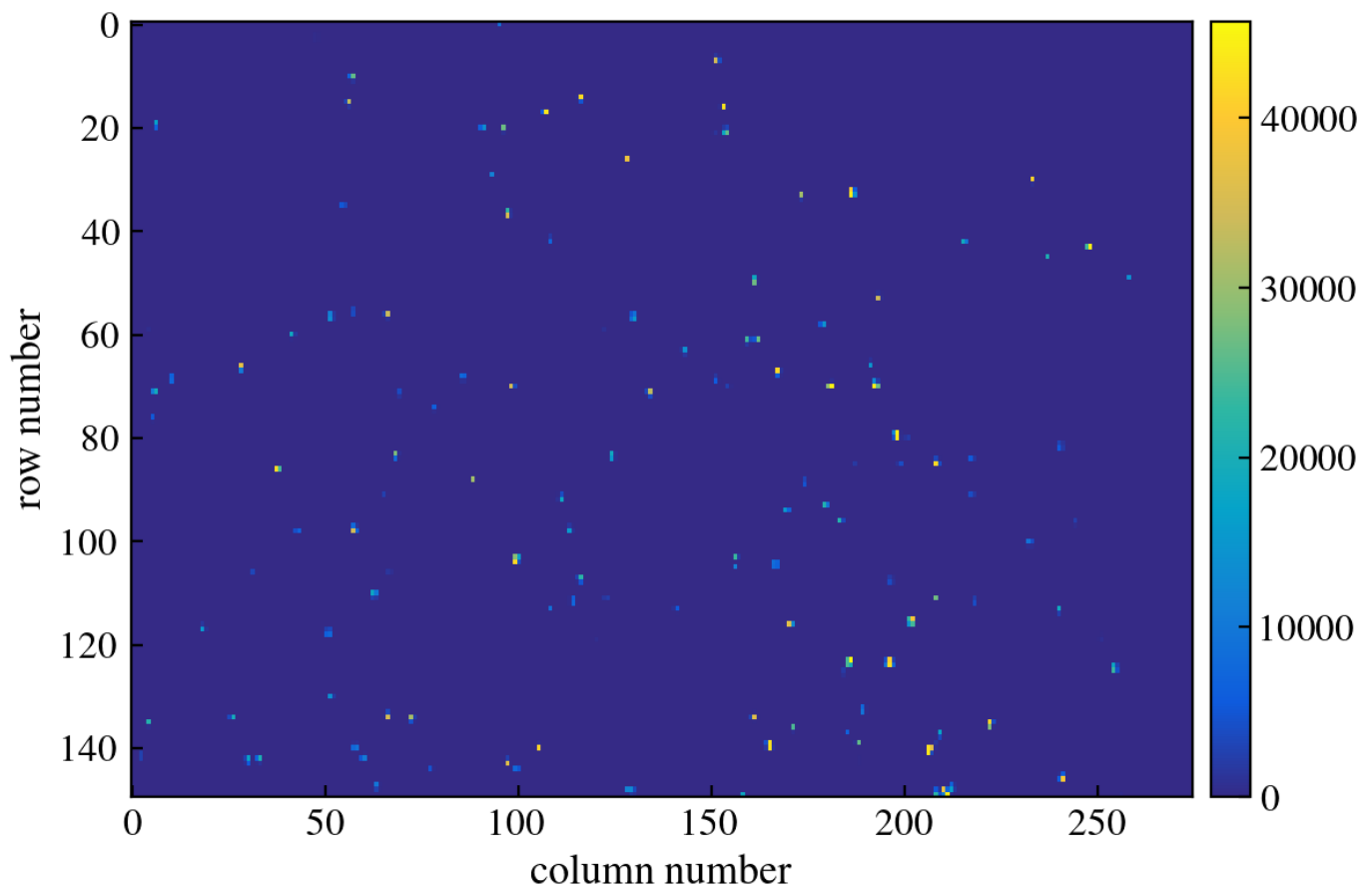


Figure 68: CCD Image

CCD Image: run 147, image 131  
[class MECCDImage]

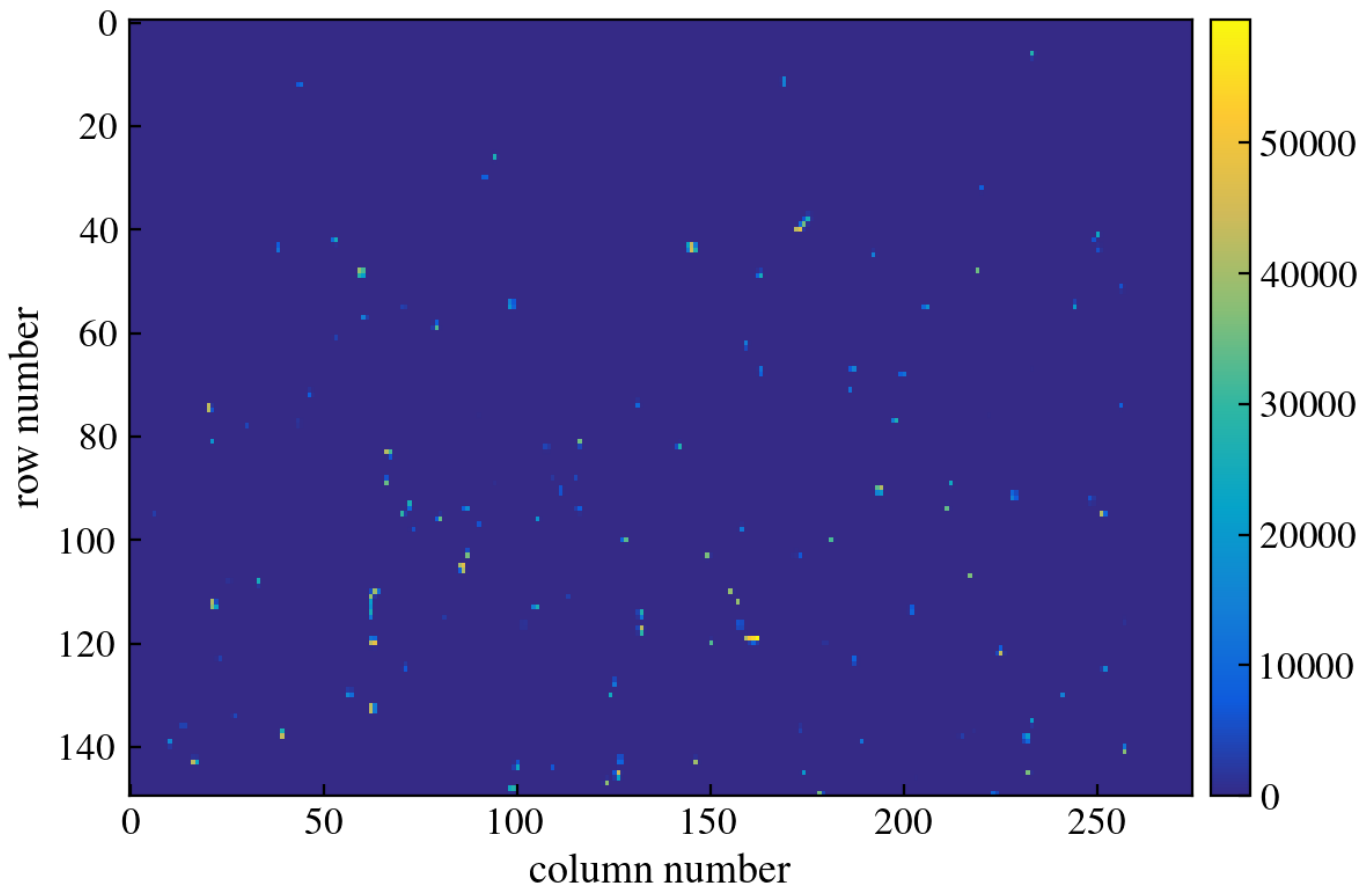


Figure 69: CCD Image

CCD Image: run 147, image 132  
[class MECCDImage]

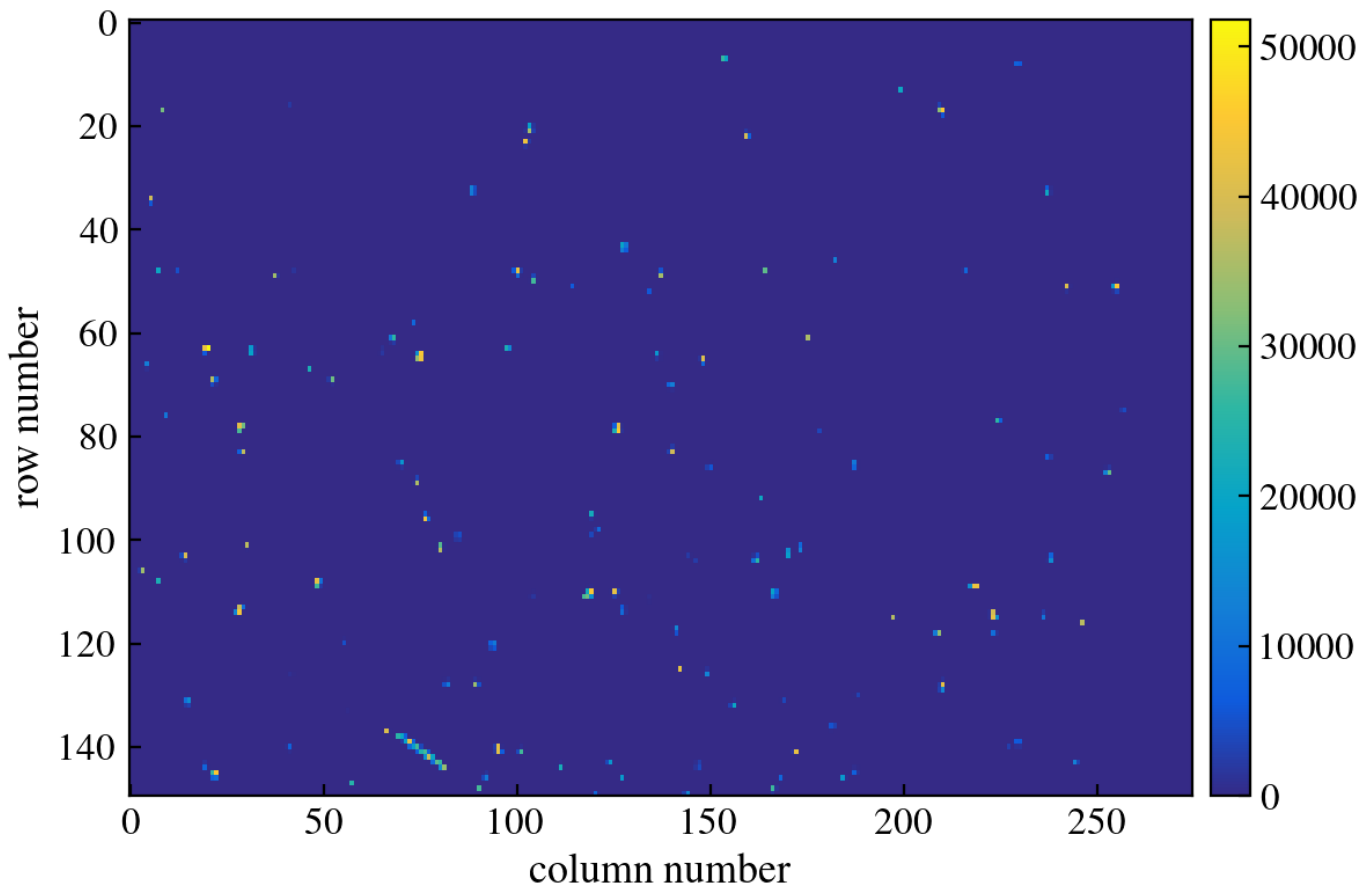


Figure 70: CCD Image

CCD Image: run 147, image 133  
[class MECCDImage]

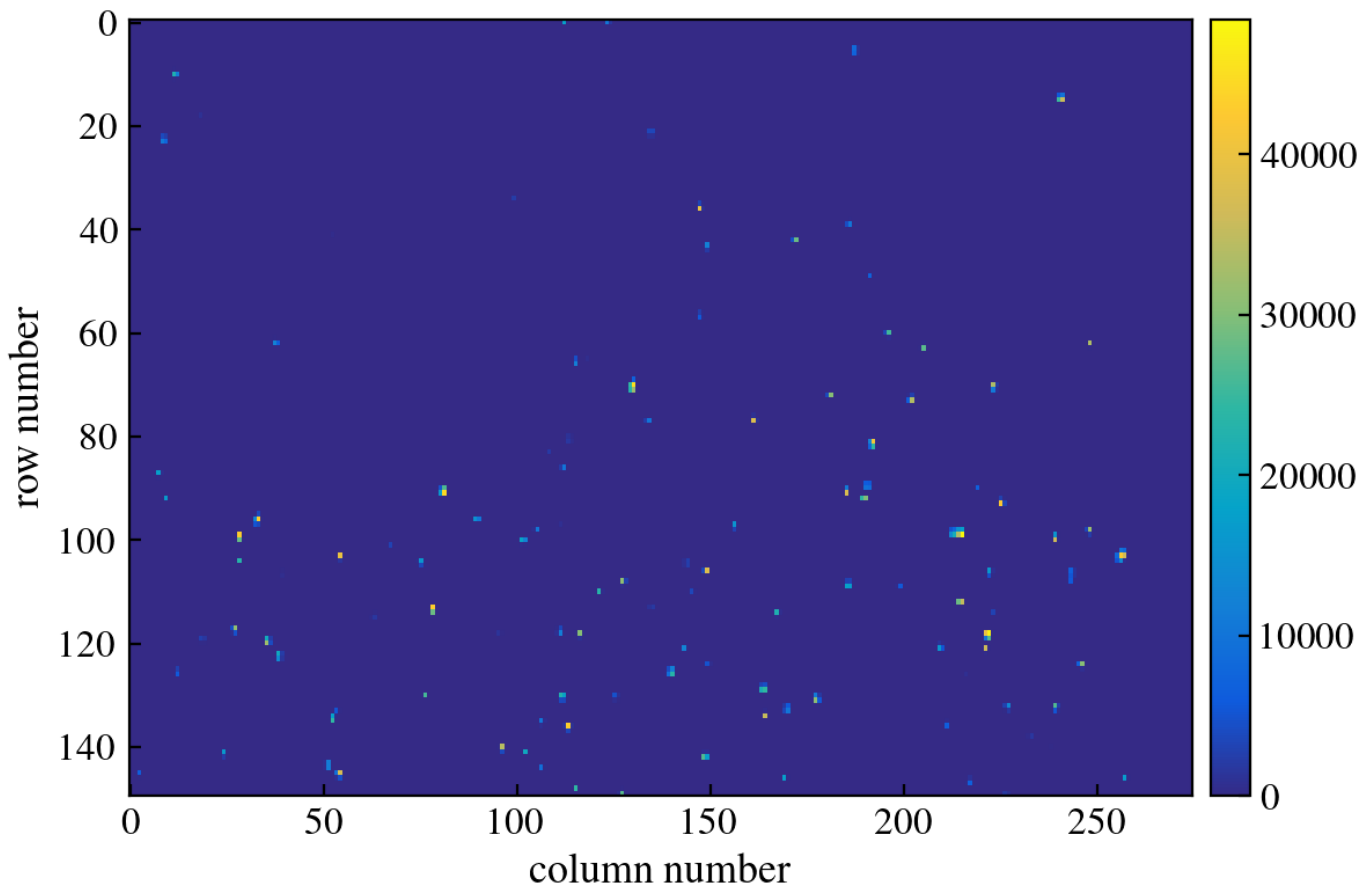


Figure 71: CCD Image

CCD Image: run 147, image 134  
[class MECCDImage]

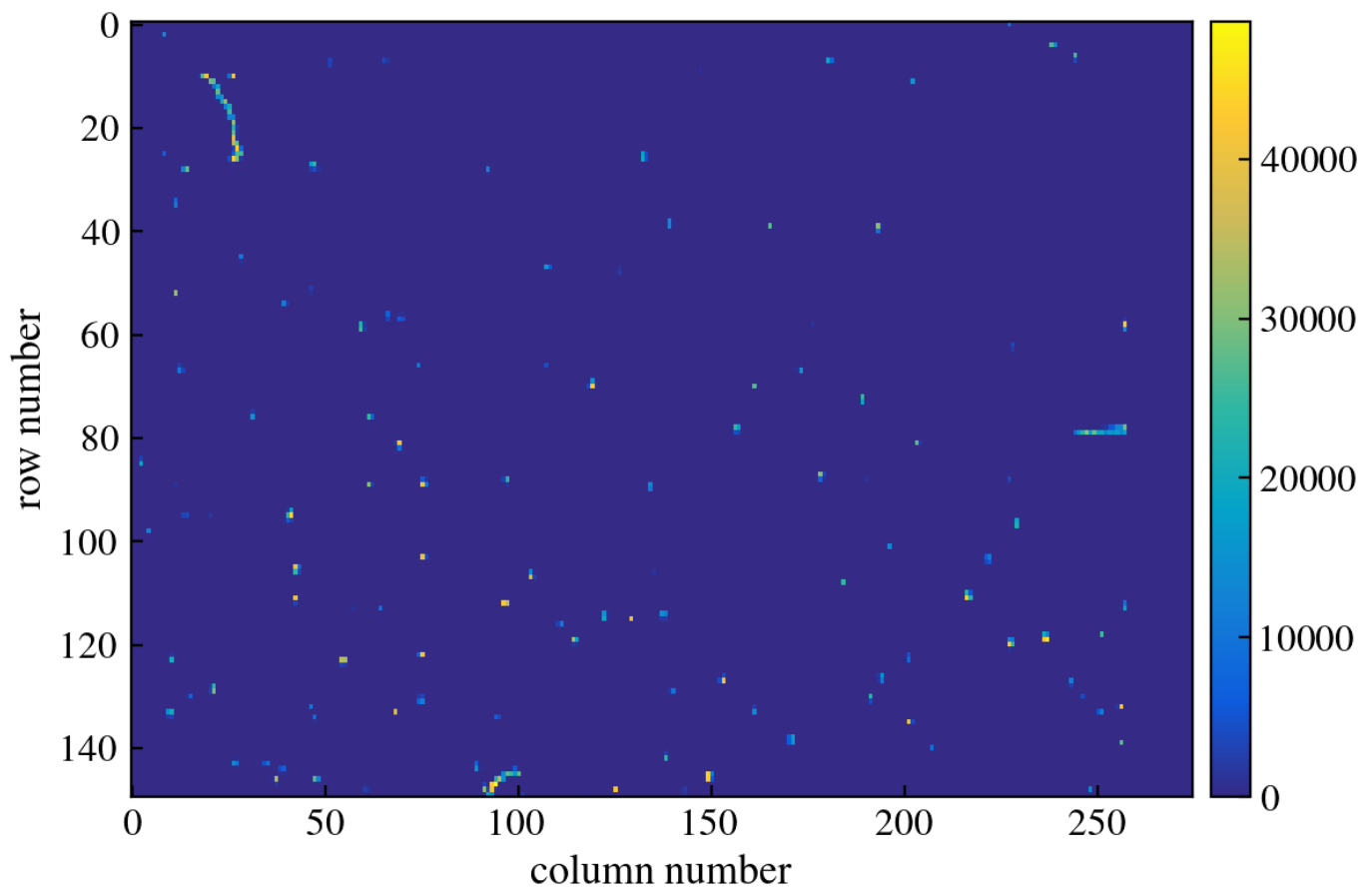


Figure 72: CCD Image

CCD Image: run 147, image 135  
[class MECCDImage]

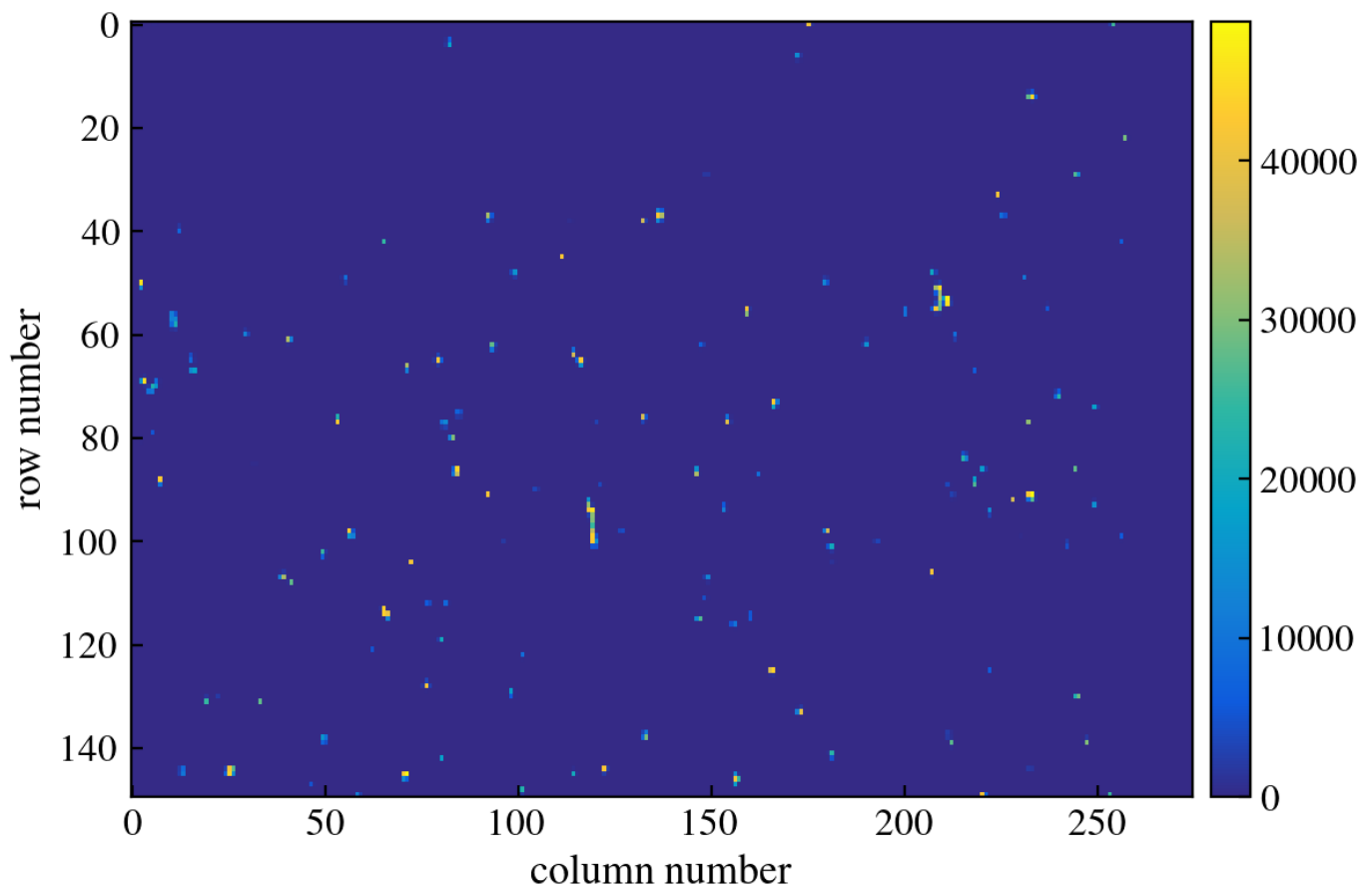


Figure 73: CCD Image

CCD Image: run 147, image 136  
[class MECCDImage]

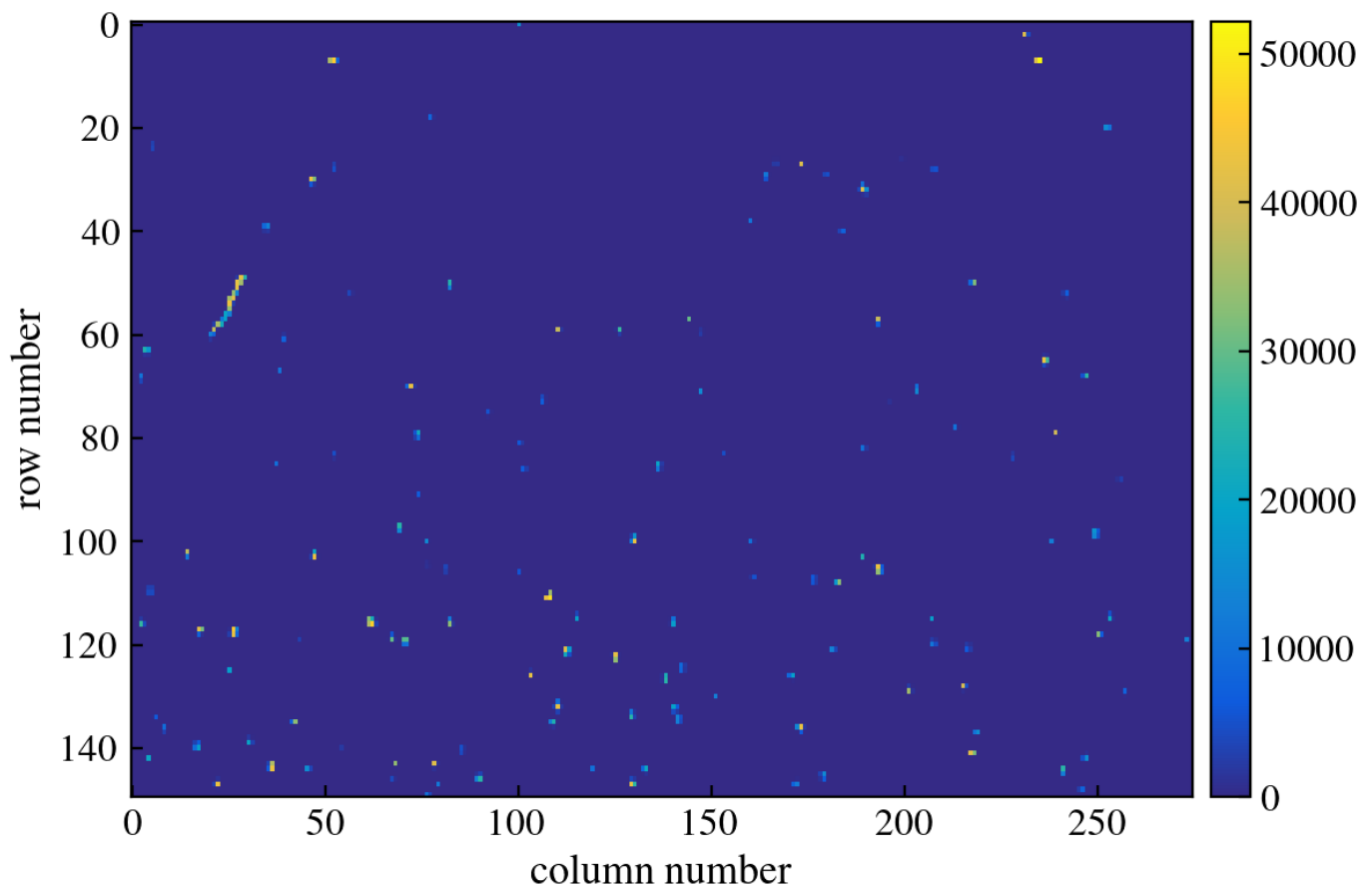


Figure 74: CCD Image

CCD Image: run 147, image 137  
[class MECCDImage]

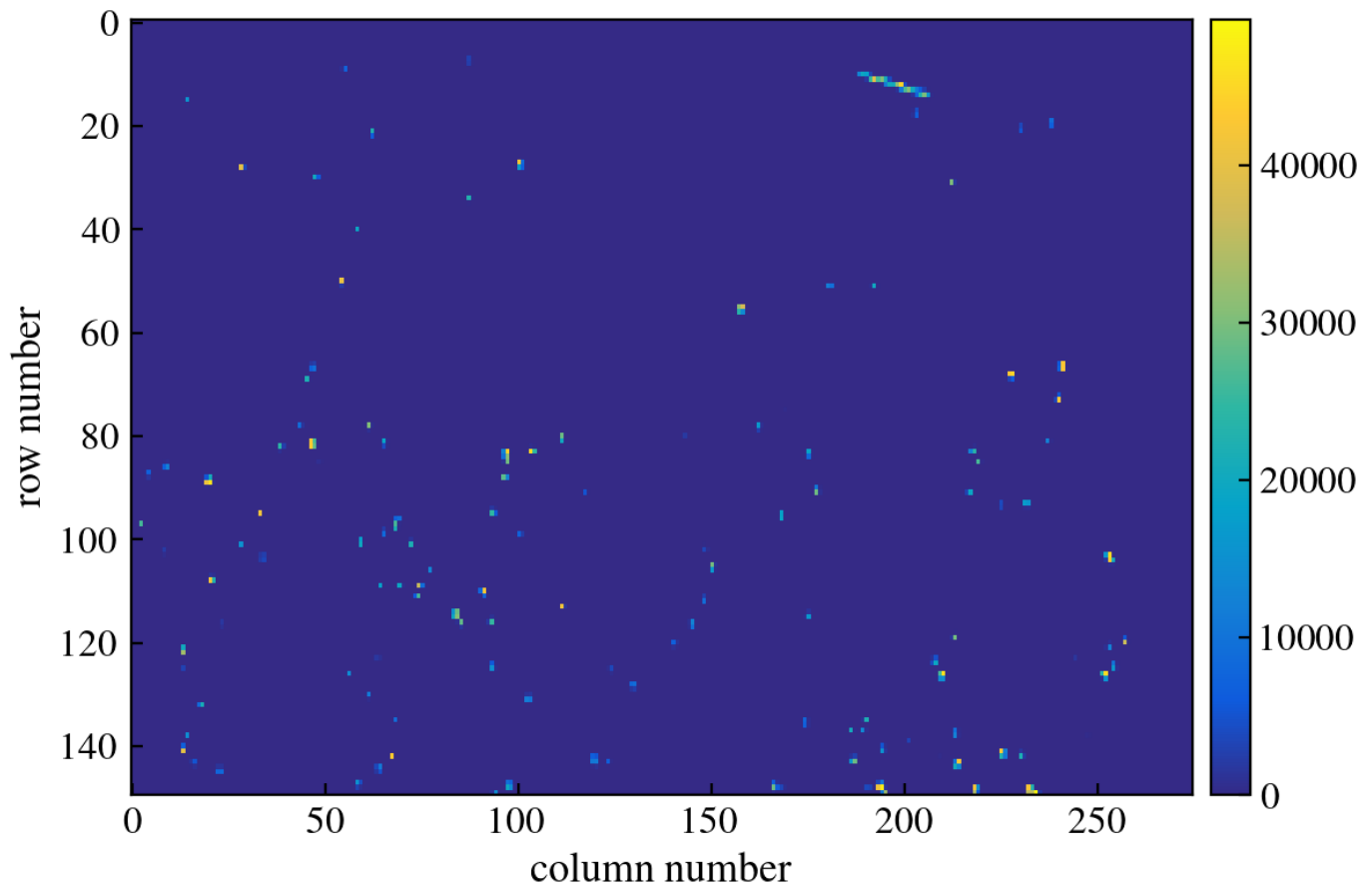


Figure 75: CCD Image



CCD Image: run 147, image 138  
[class MECCDImage]

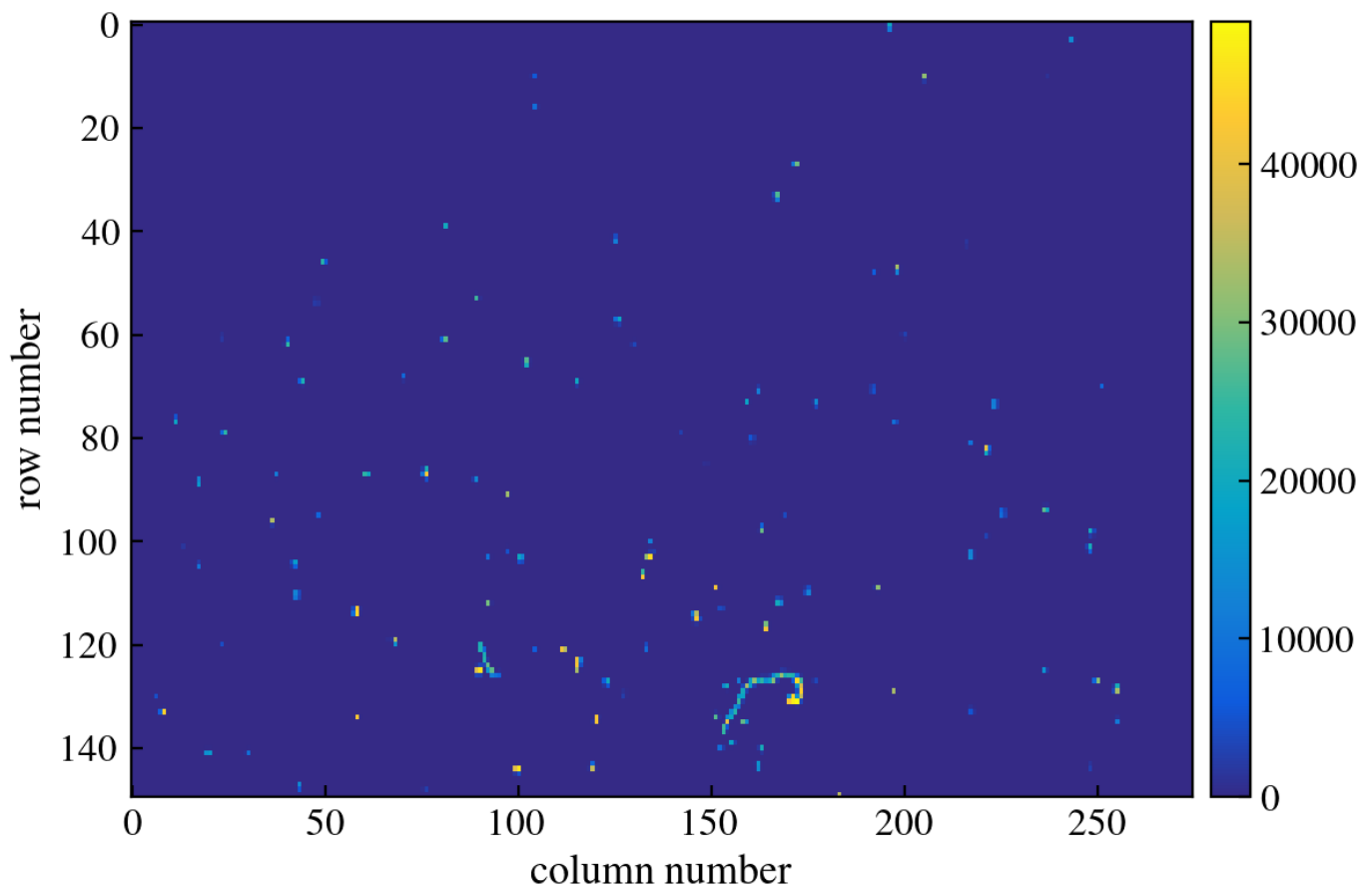


Figure 76: CCD Image

CCD Image: run 147, image 139  
[class MECCDImage]

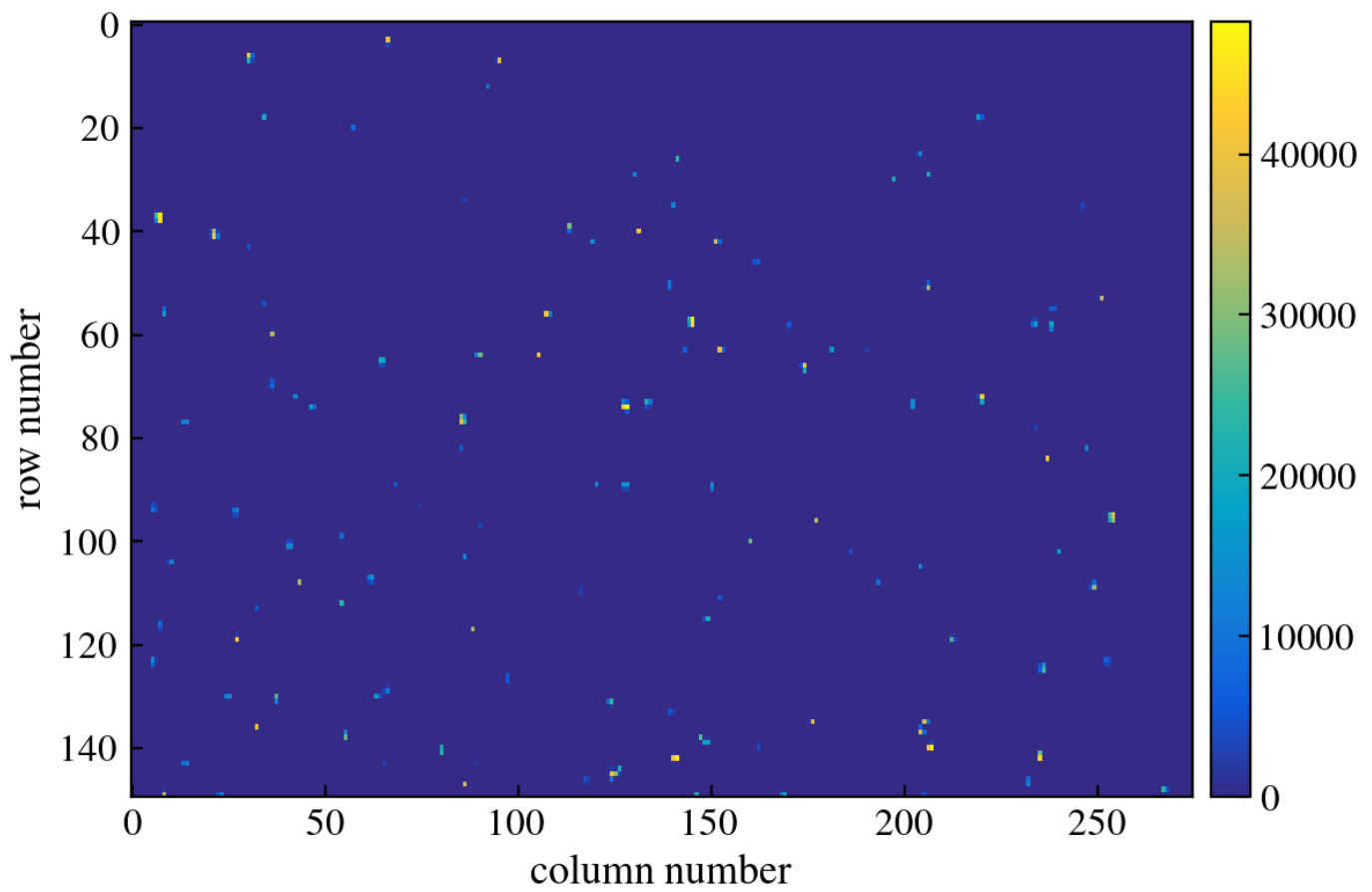


Figure 77: CCD Image

CCD Image: run 147, image 14  
[class MECCDImage]

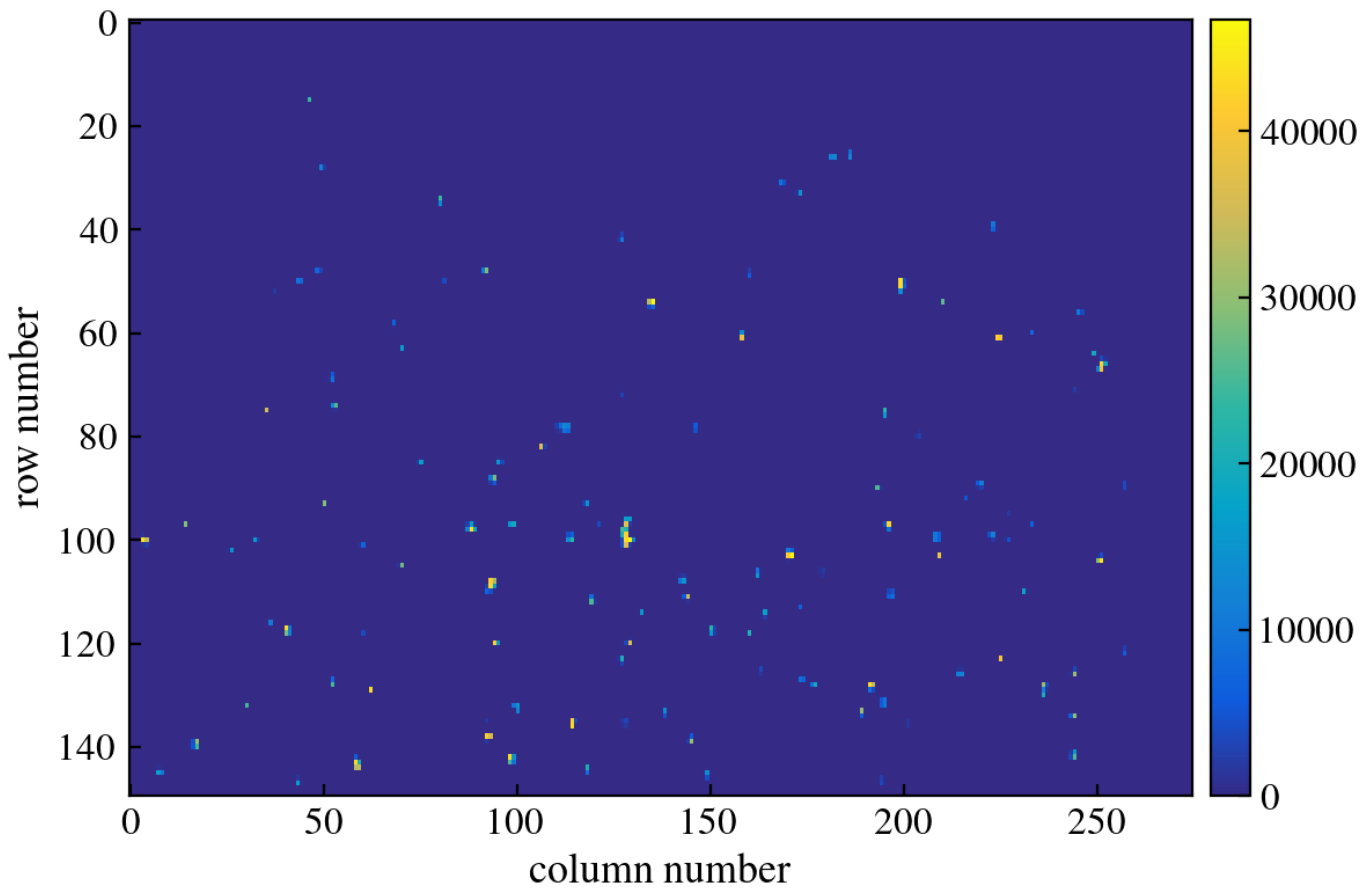


Figure 78: CCD Image

CCD Image: run 147, image 140  
[class MECCDImage]

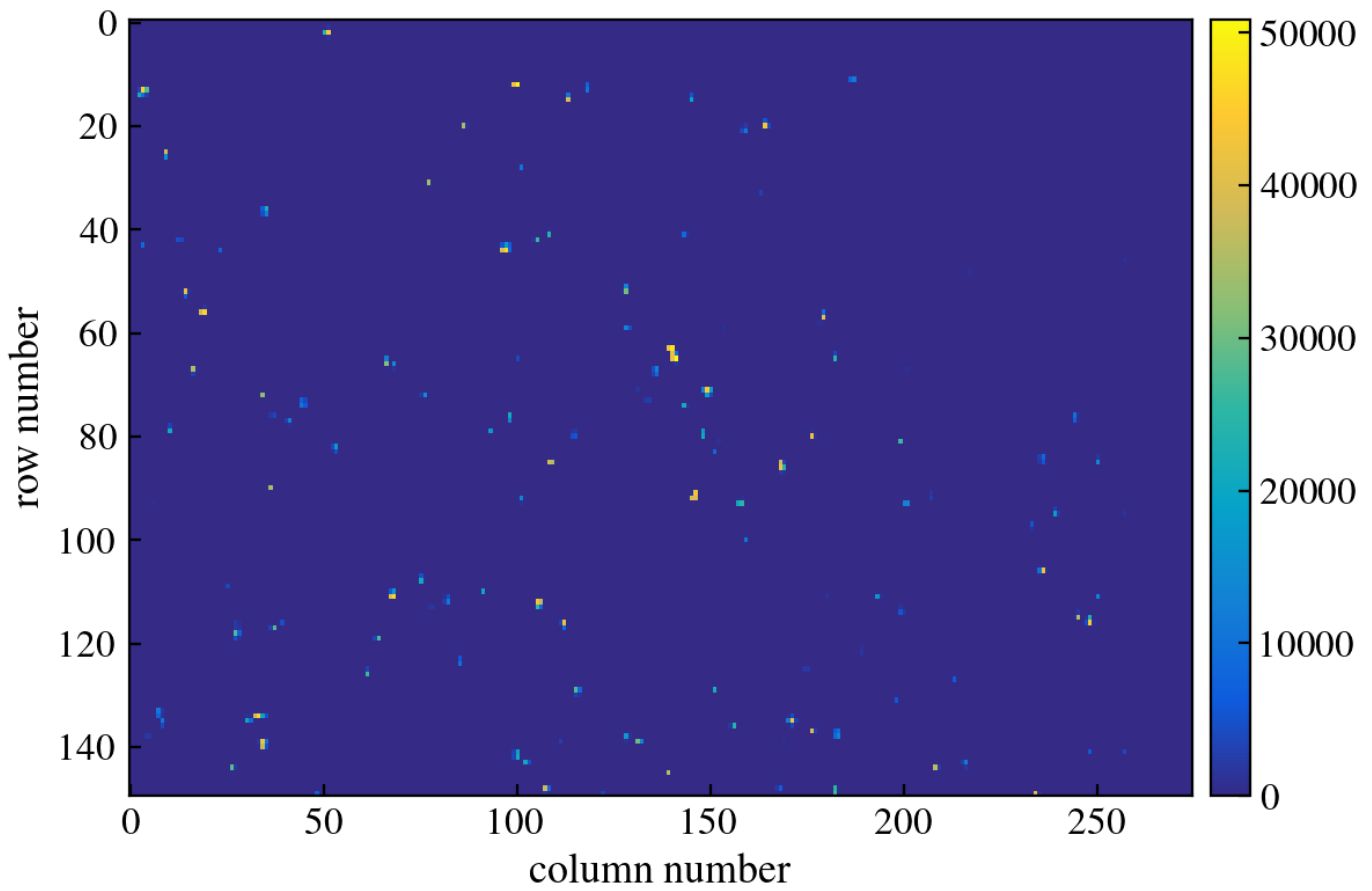


Figure 79: CCD Image

CCD Image: run 147, image 141  
[class MECCDImage]

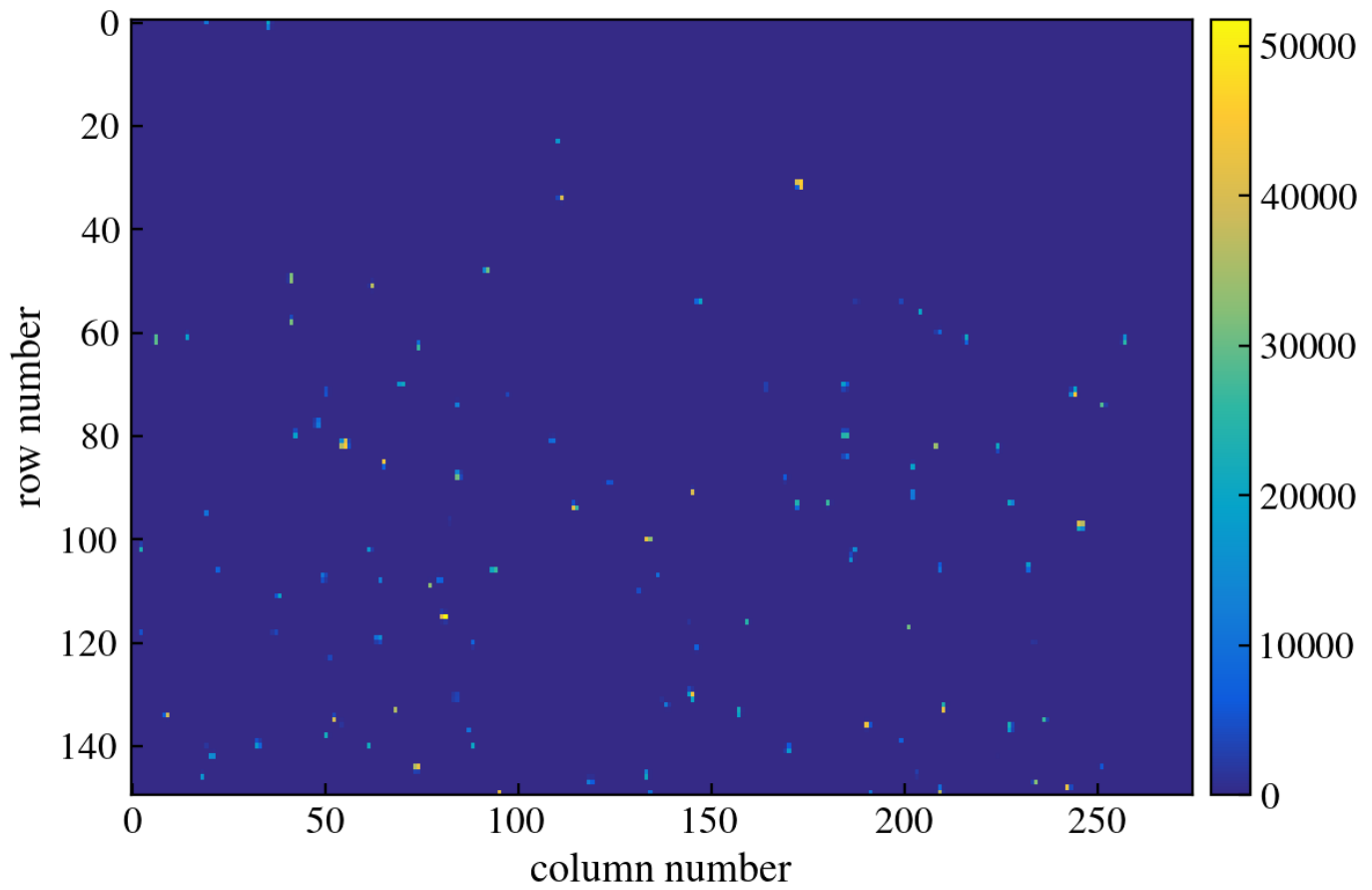


Figure 80: CCD Image

CCD Image: run 147, image 142  
[class MECCDImage]

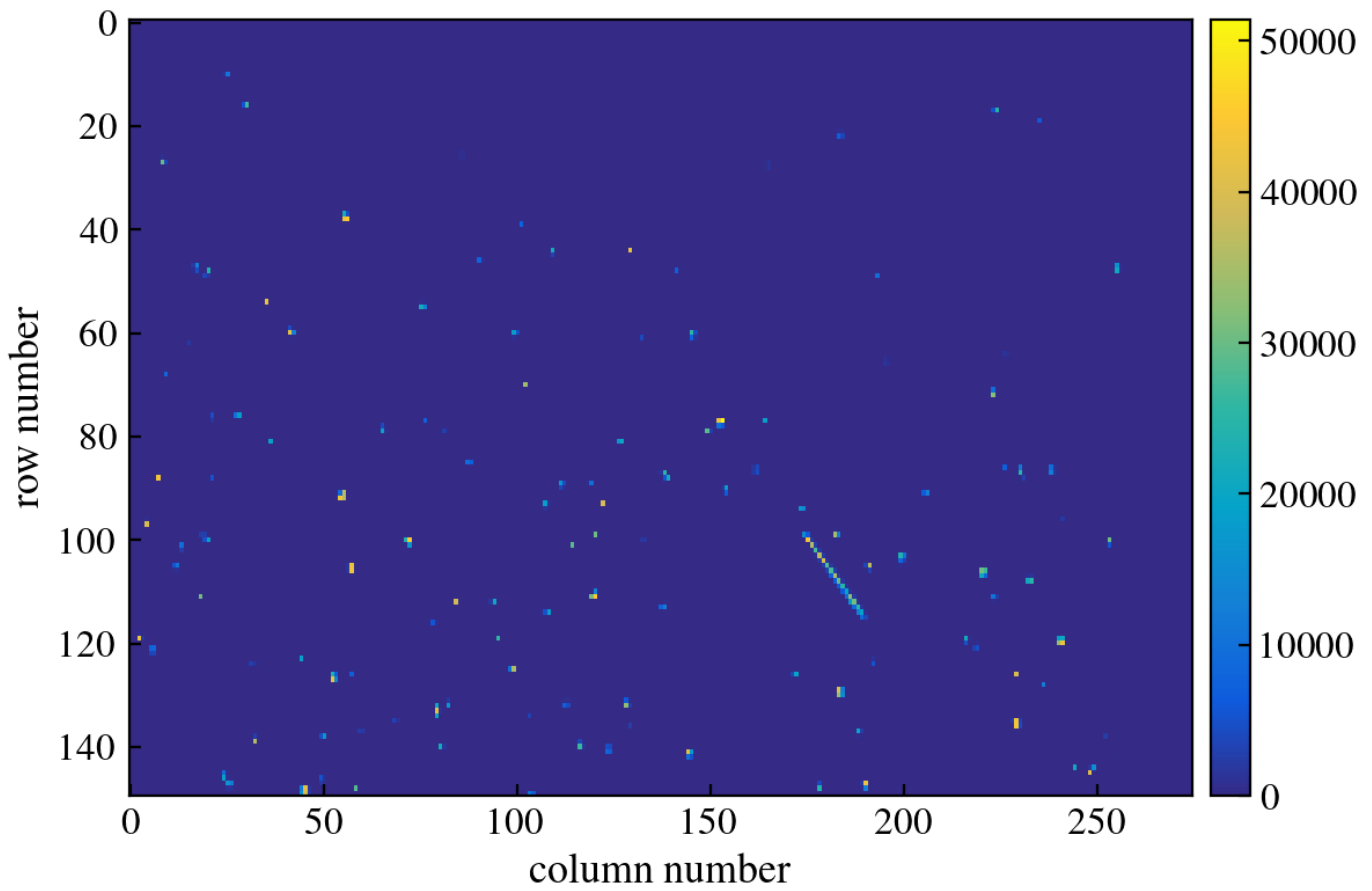


Figure 81: CCD Image

CCD Image: run 147, image 143  
[class MECCDImage]

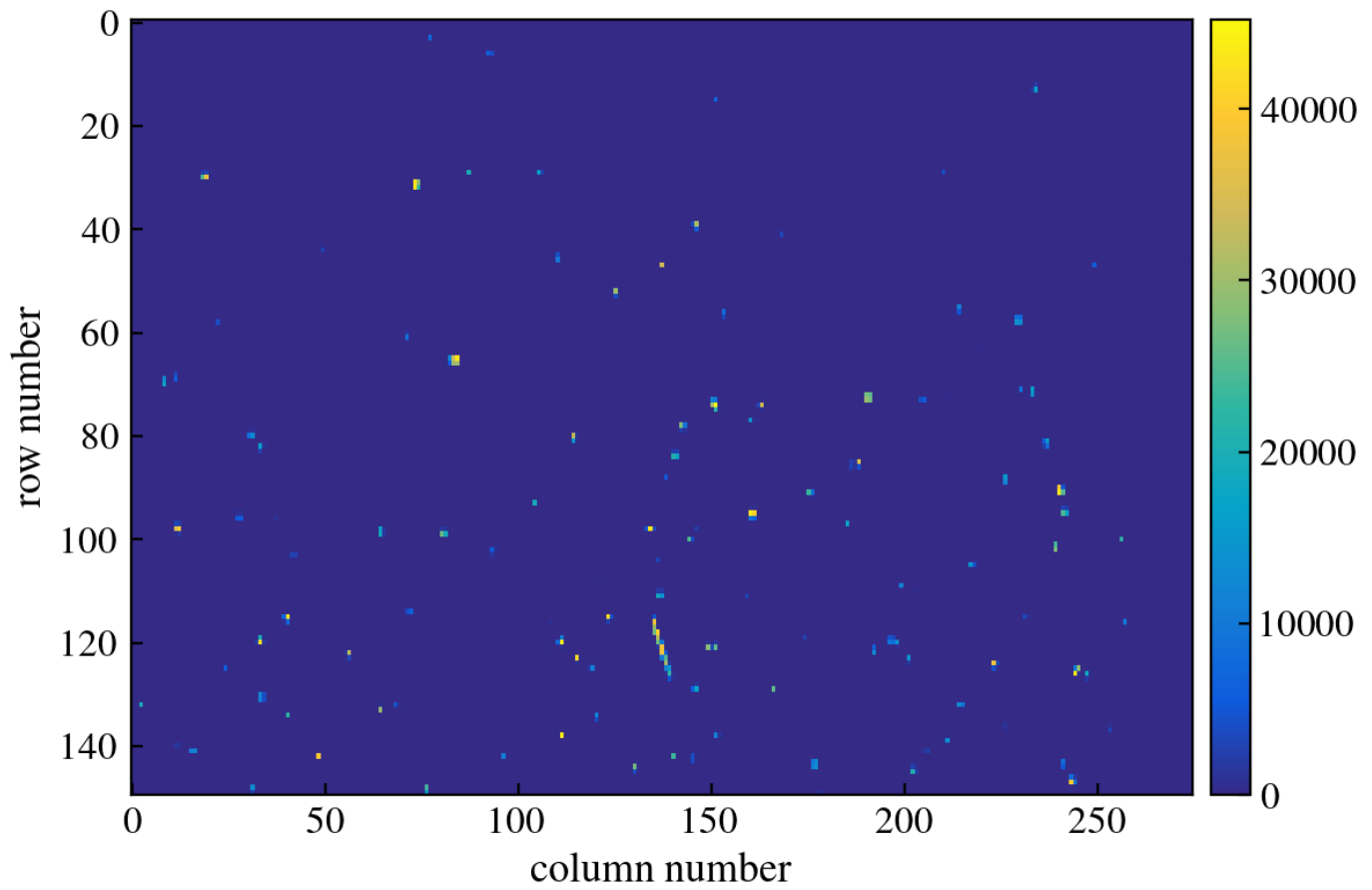


Figure 82: CCD Image

CCD Image: run 147, image 144  
[class MECCDImage]

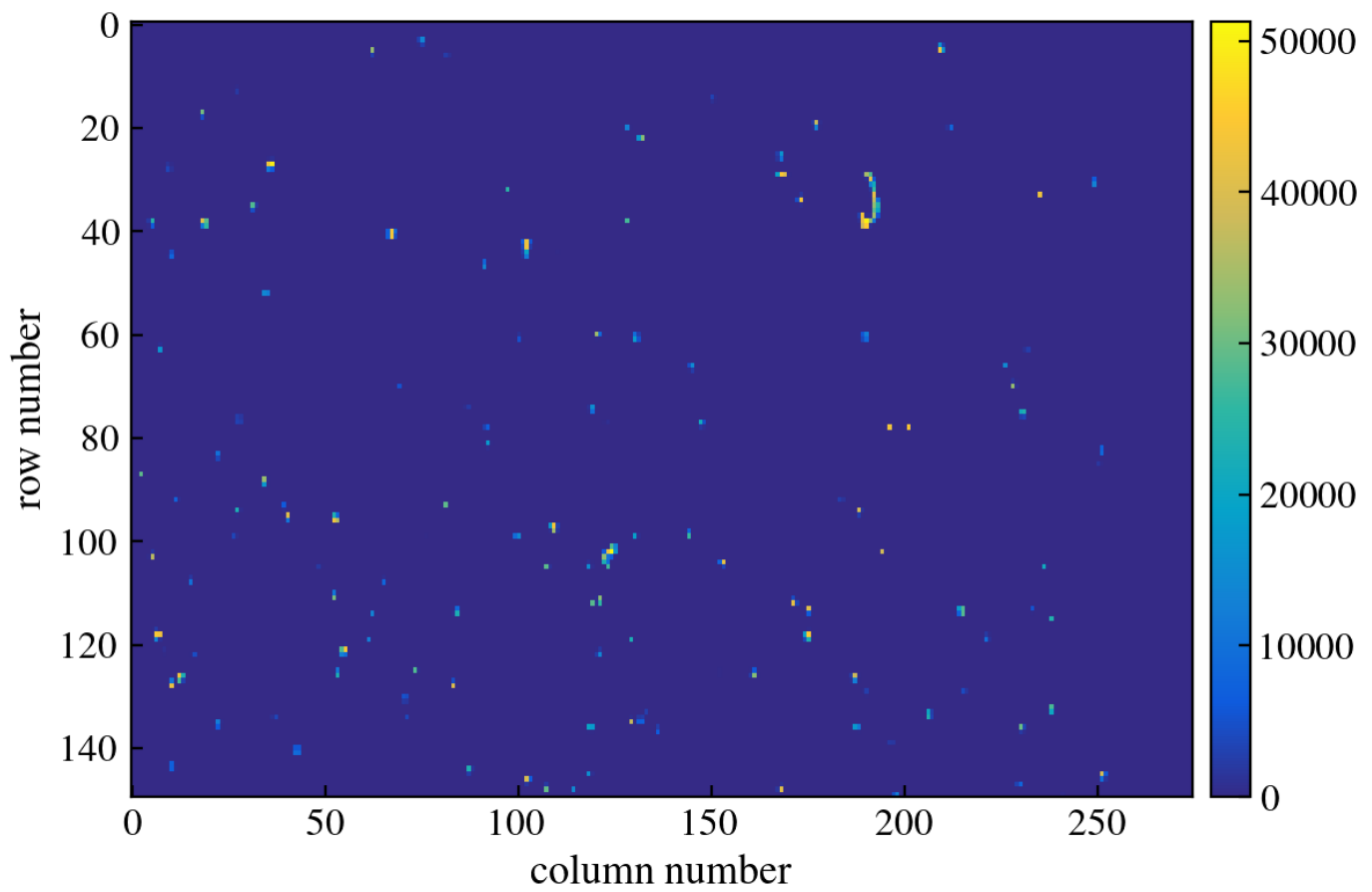


Figure 83: CCD Image



CCD Image: run 147, image 145  
[class MECCDImage]

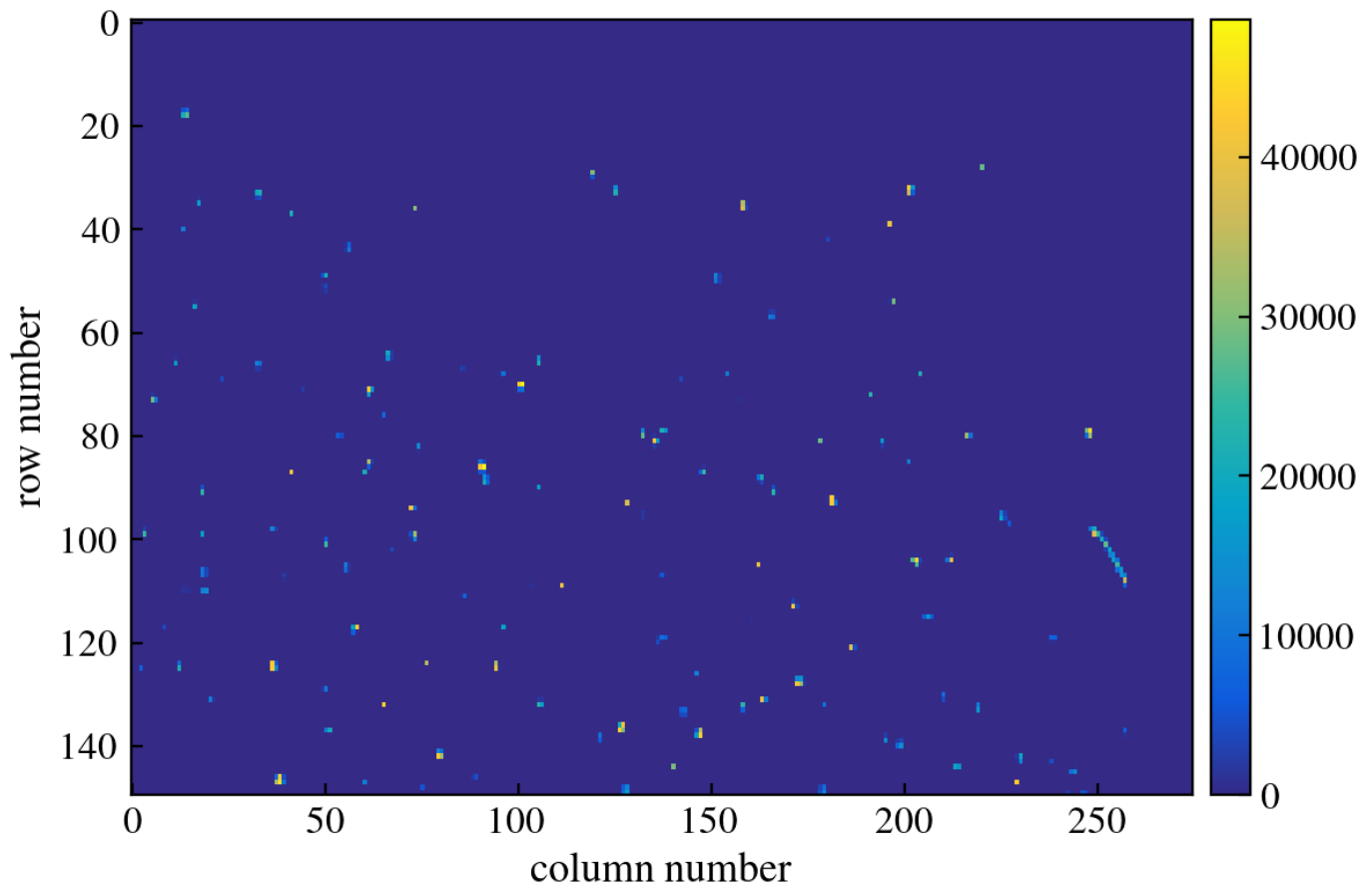


Figure 84: CCD Image

CCD Image: run 147, image 146  
[class MECCDImage]

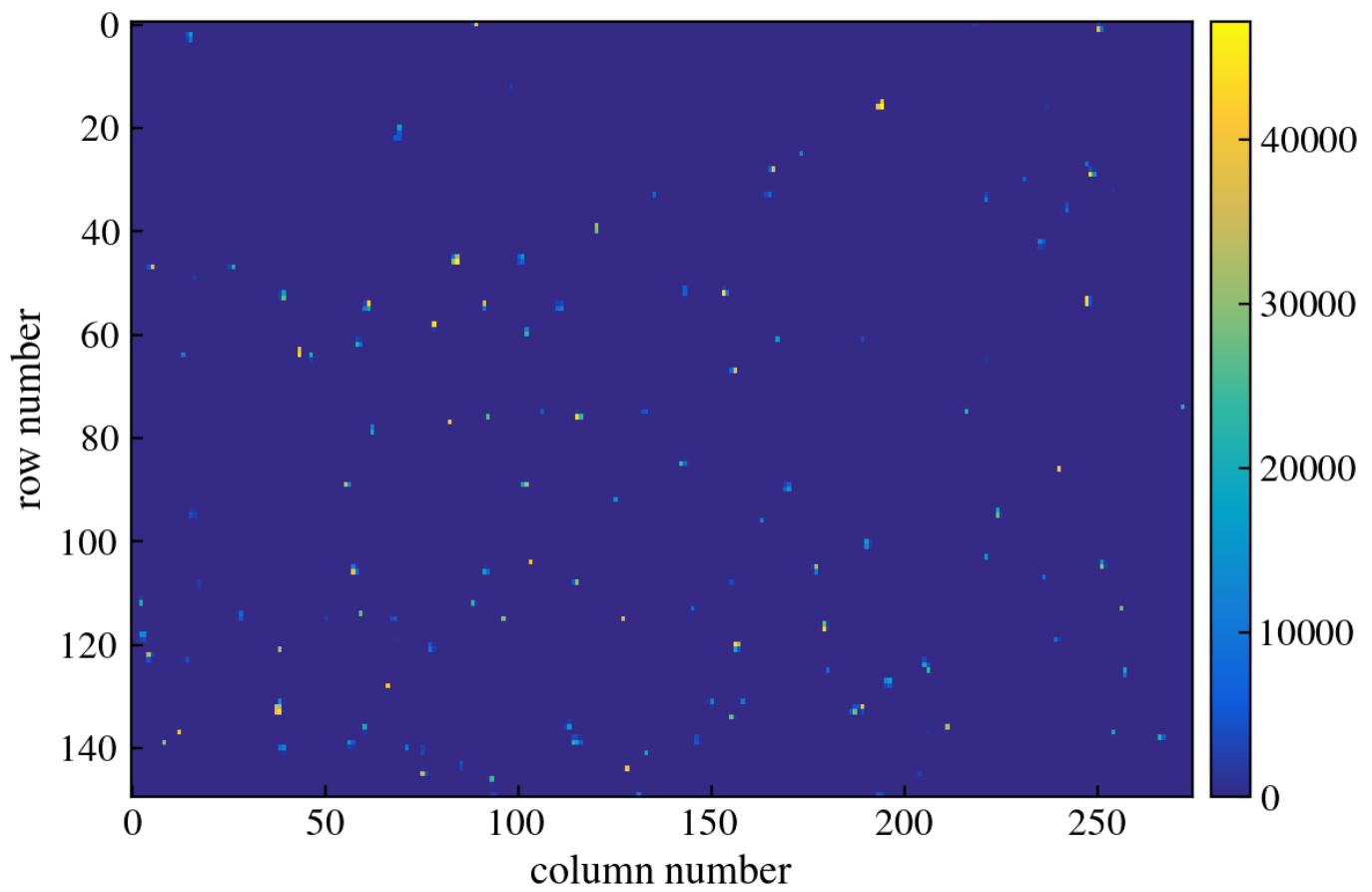


Figure 85: CCD Image

CCD Image: run 147, image 147  
[class MECCDImage]

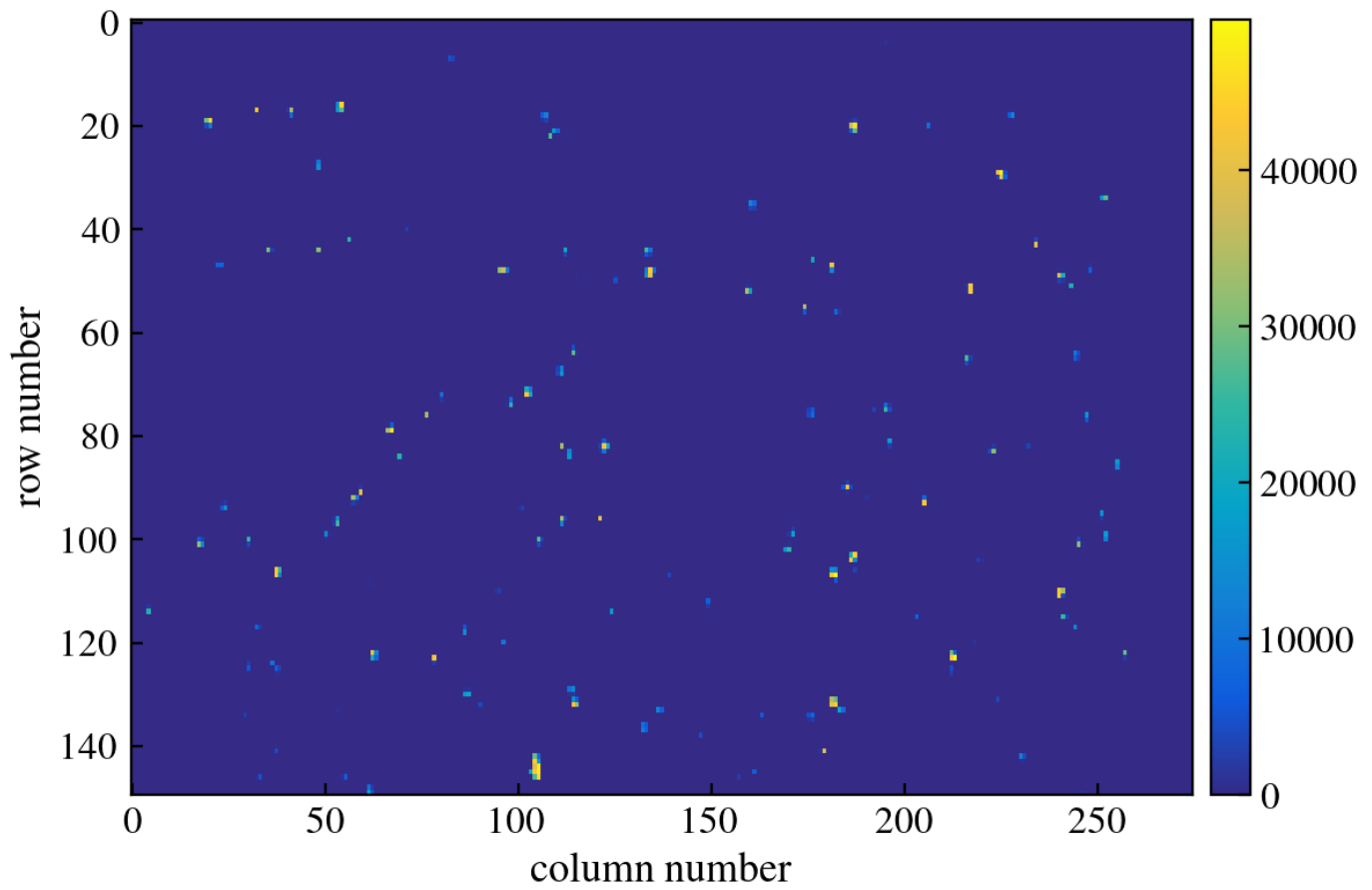


Figure 86: CCD Image

CCD Image: run 147, image 148  
[class MECCDImage]

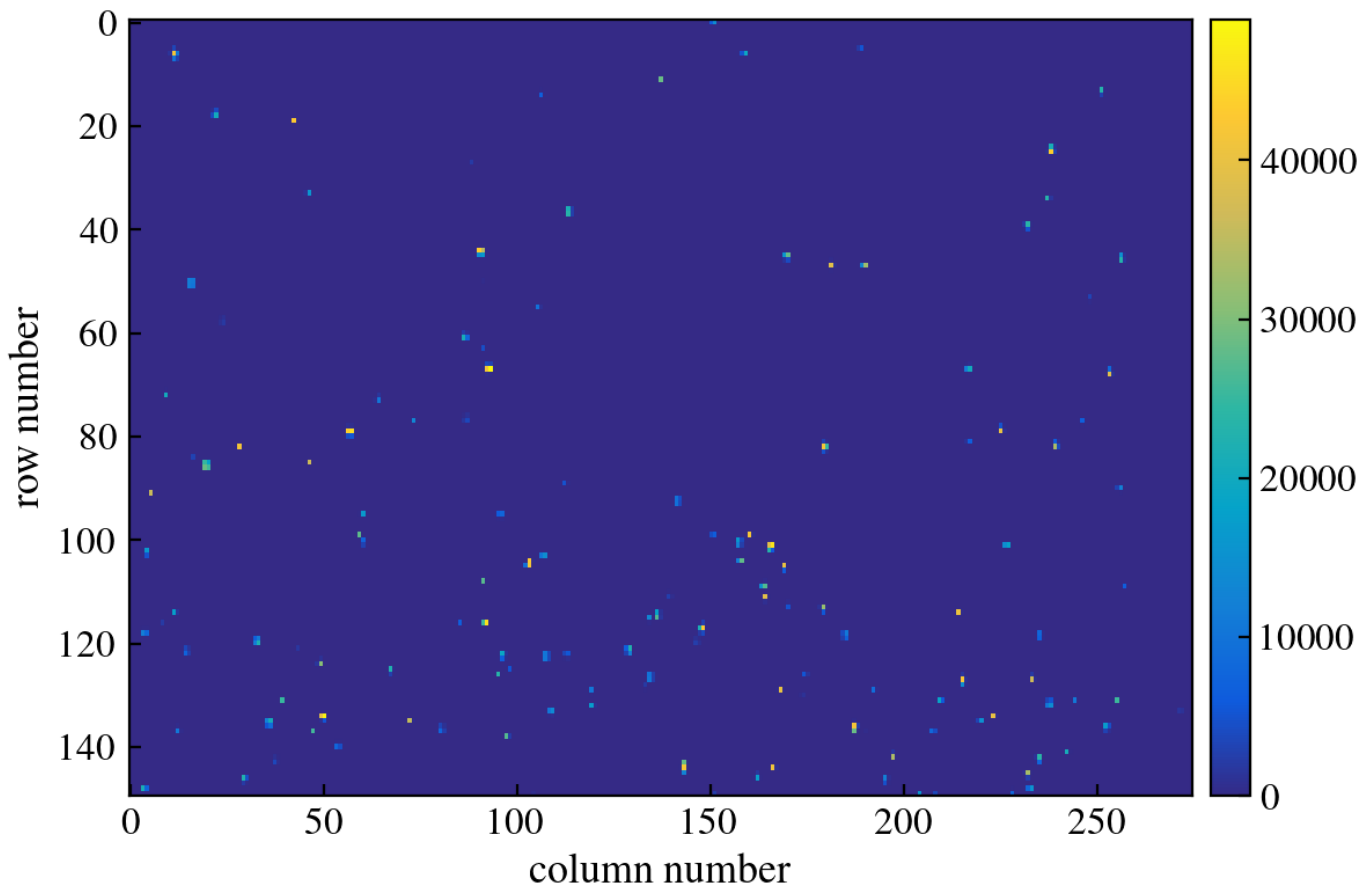


Figure 87: CCD Image

CCD Image: run 147, image 149  
[class MECCDImage]

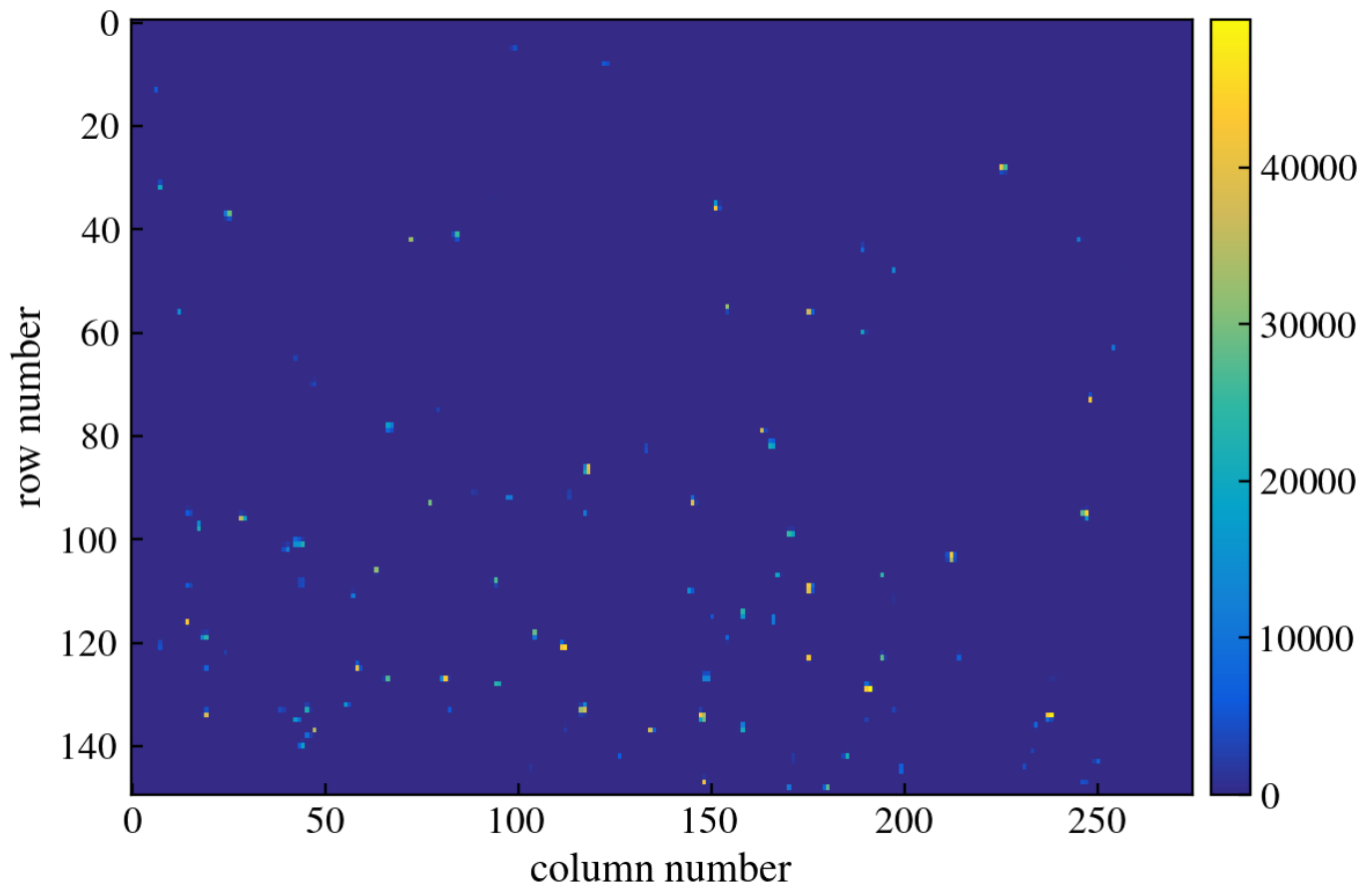


Figure 88: CCD Image

CCD Image: run 147, image 15  
[class MECCDImage]

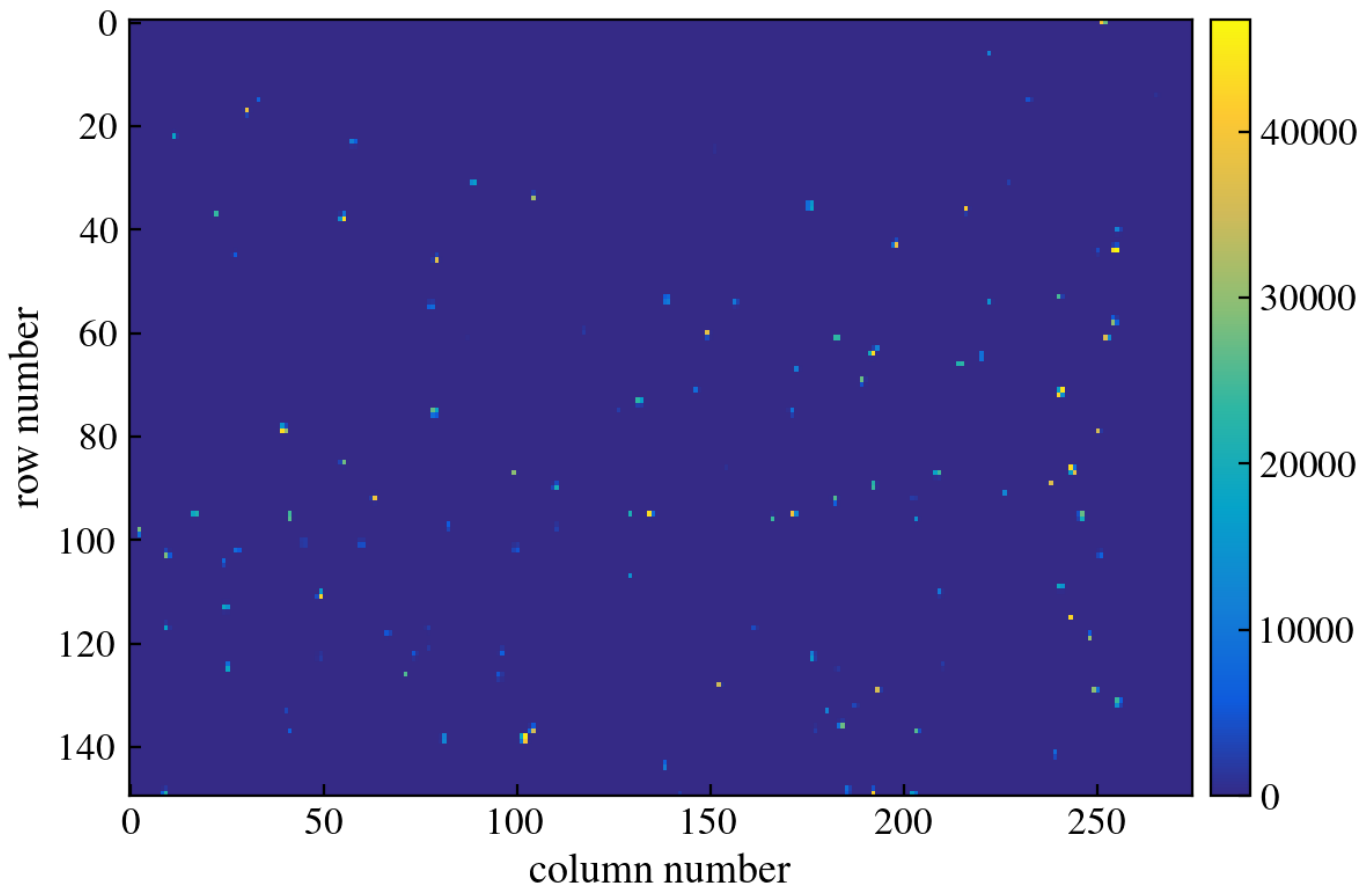


Figure 89: CCD Image

CCD Image: run 147, image 150  
[class MECCDImage]

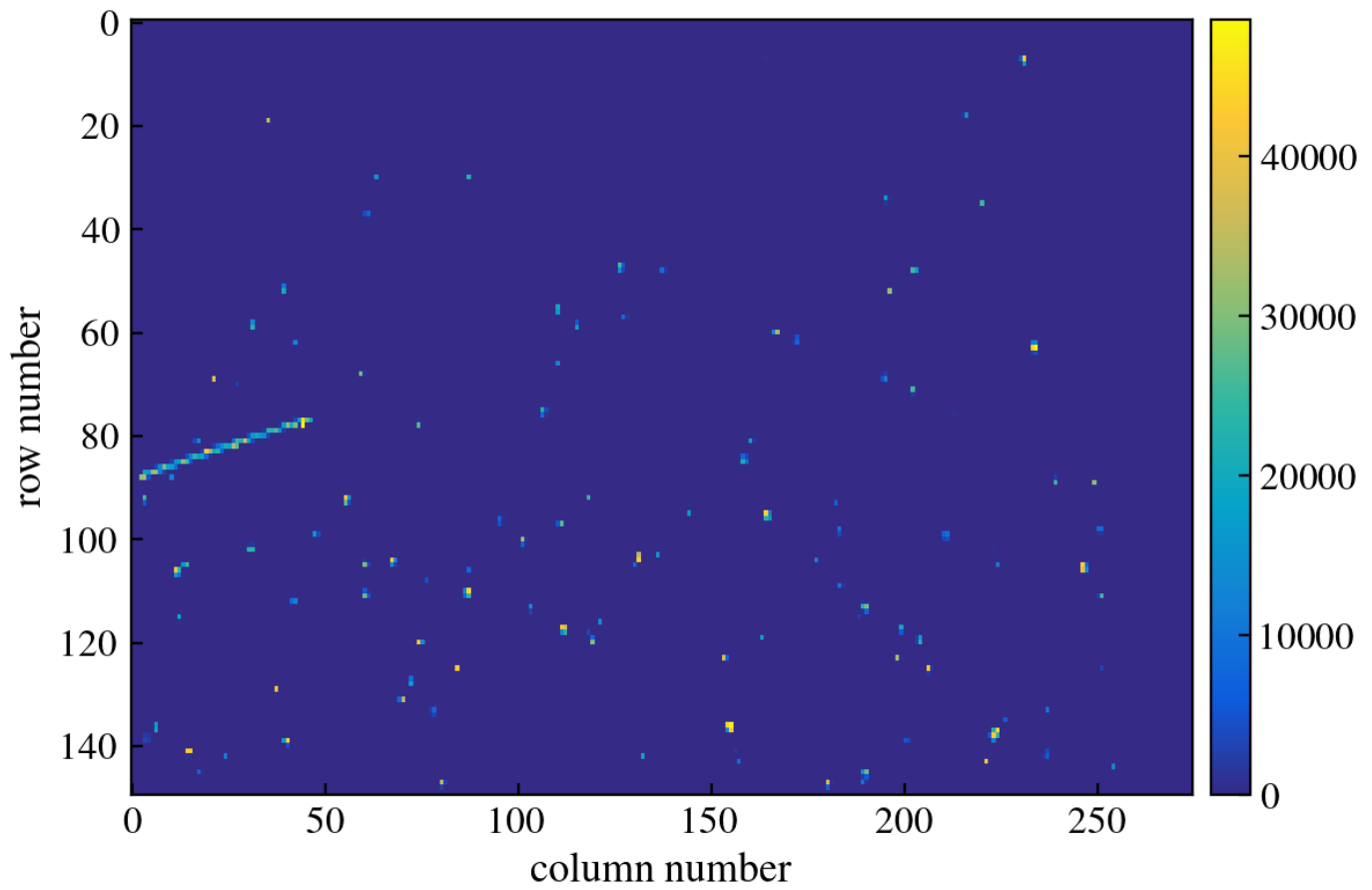


Figure 90: CCD Image

CCD Image: run 147, image 151  
[class MECCDImage]

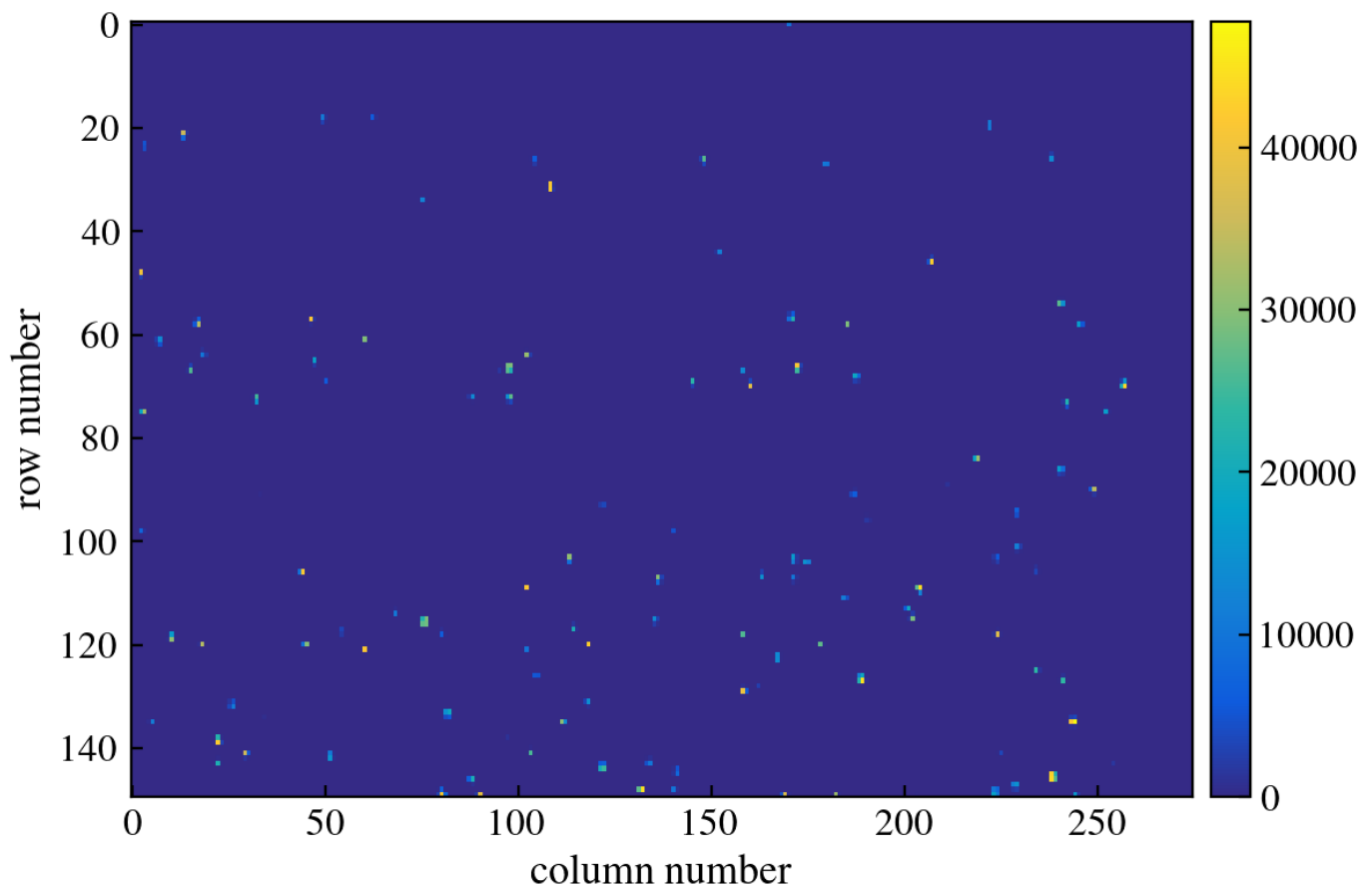


Figure 91: CCD Image



CCD Image: run 147, image 152  
[class MECCDImage]

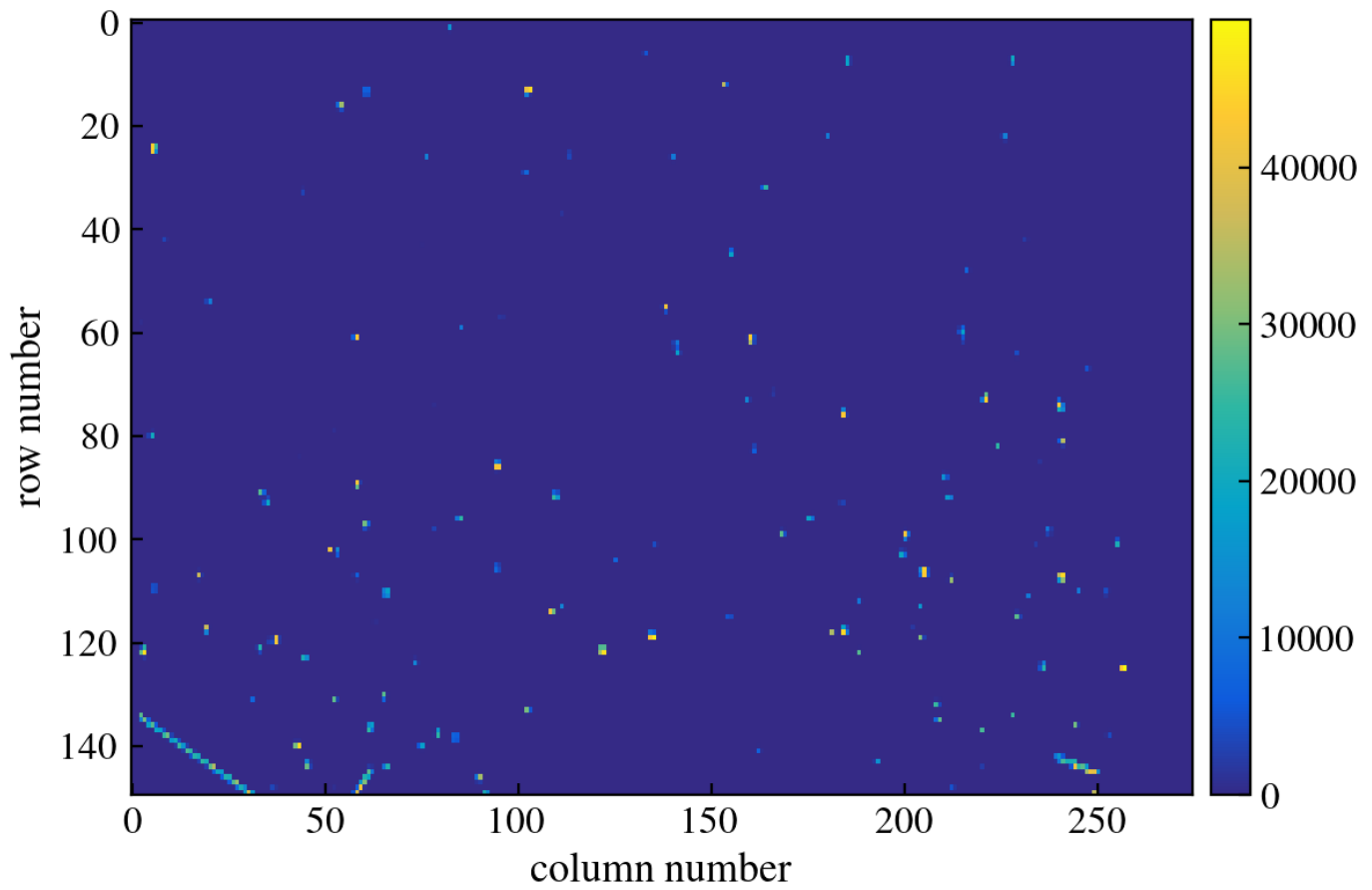


Figure 92: CCD Image

CCD Image: run 147, image 153  
[class MECCDImage]

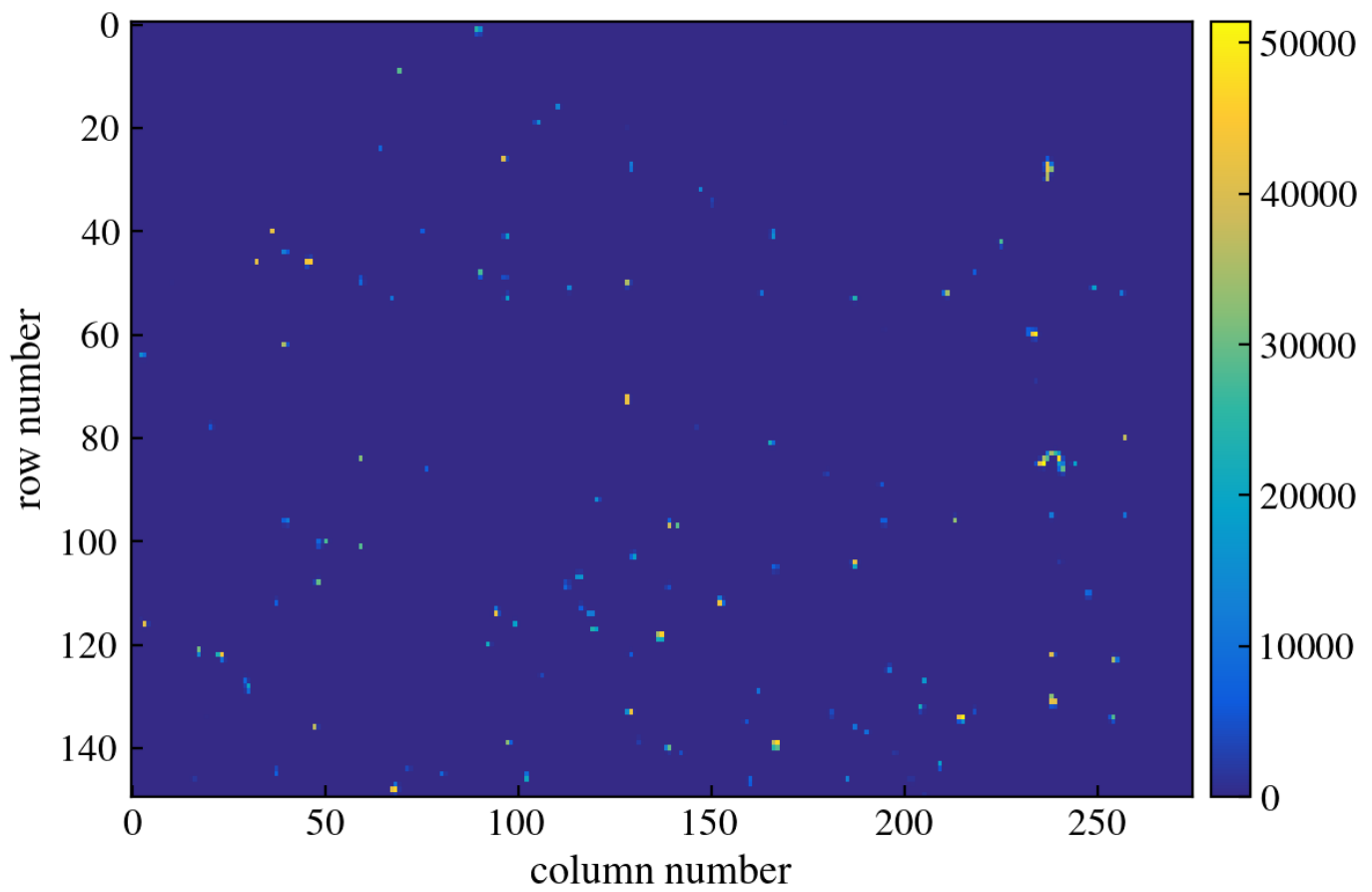


Figure 93: CCD Image

CCD Image: run 147, image 154  
[class MECCDImage]

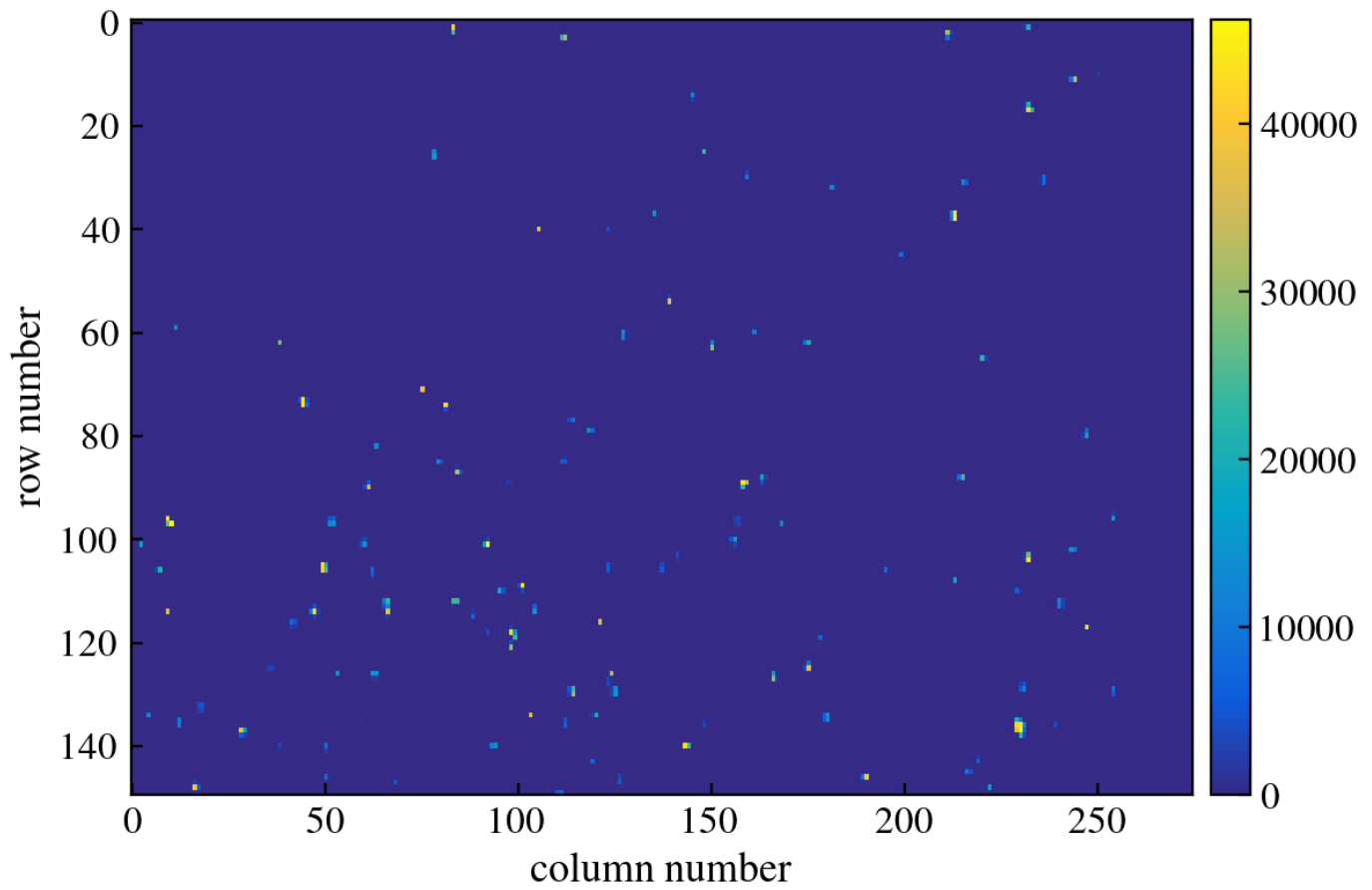


Figure 94: CCD Image

CCD Image: run 147, image 155  
[class MECCDImage]

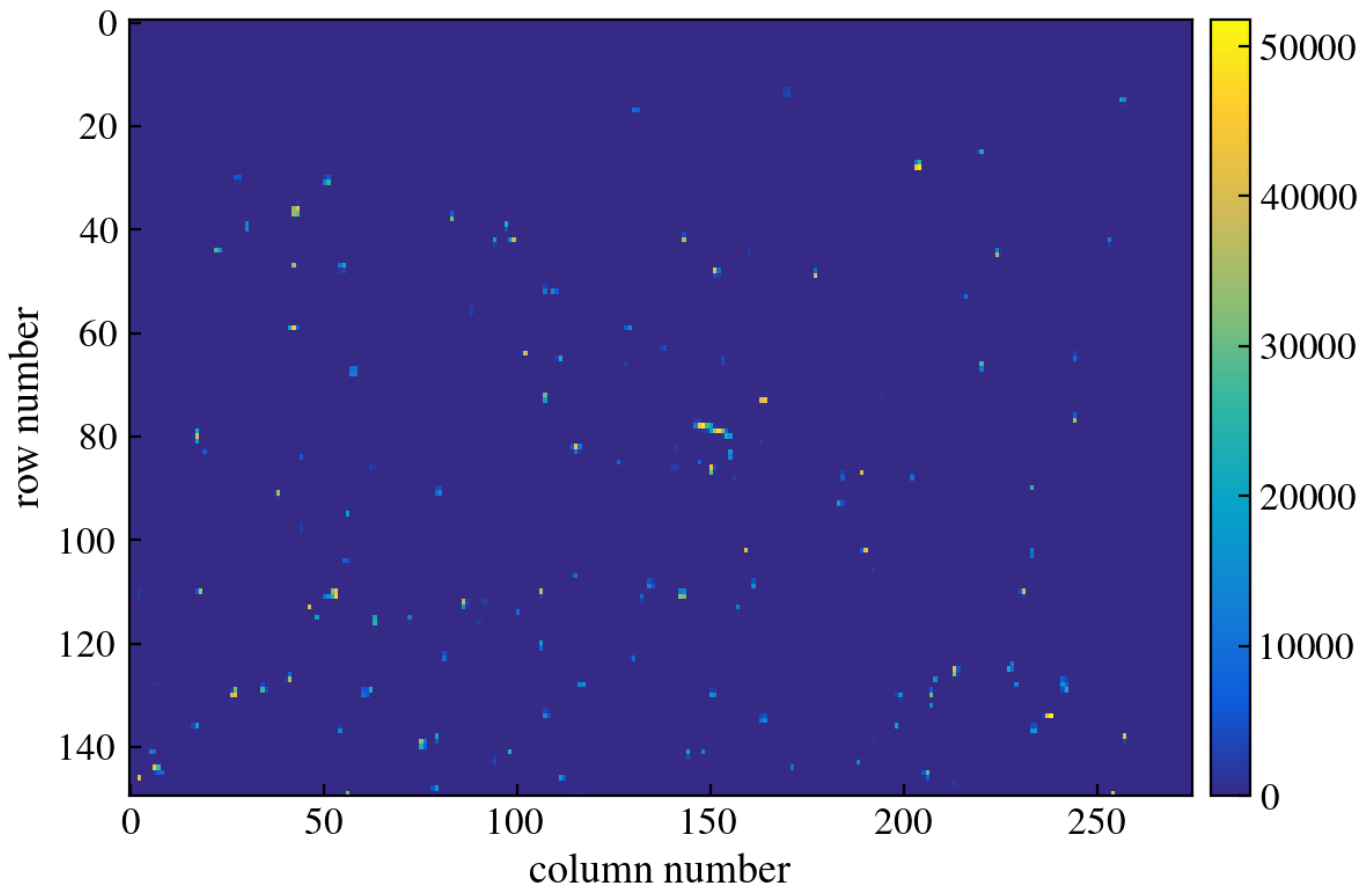


Figure 95: CCD Image

CCD Image: run 147, image 156  
[class MECCDImage]

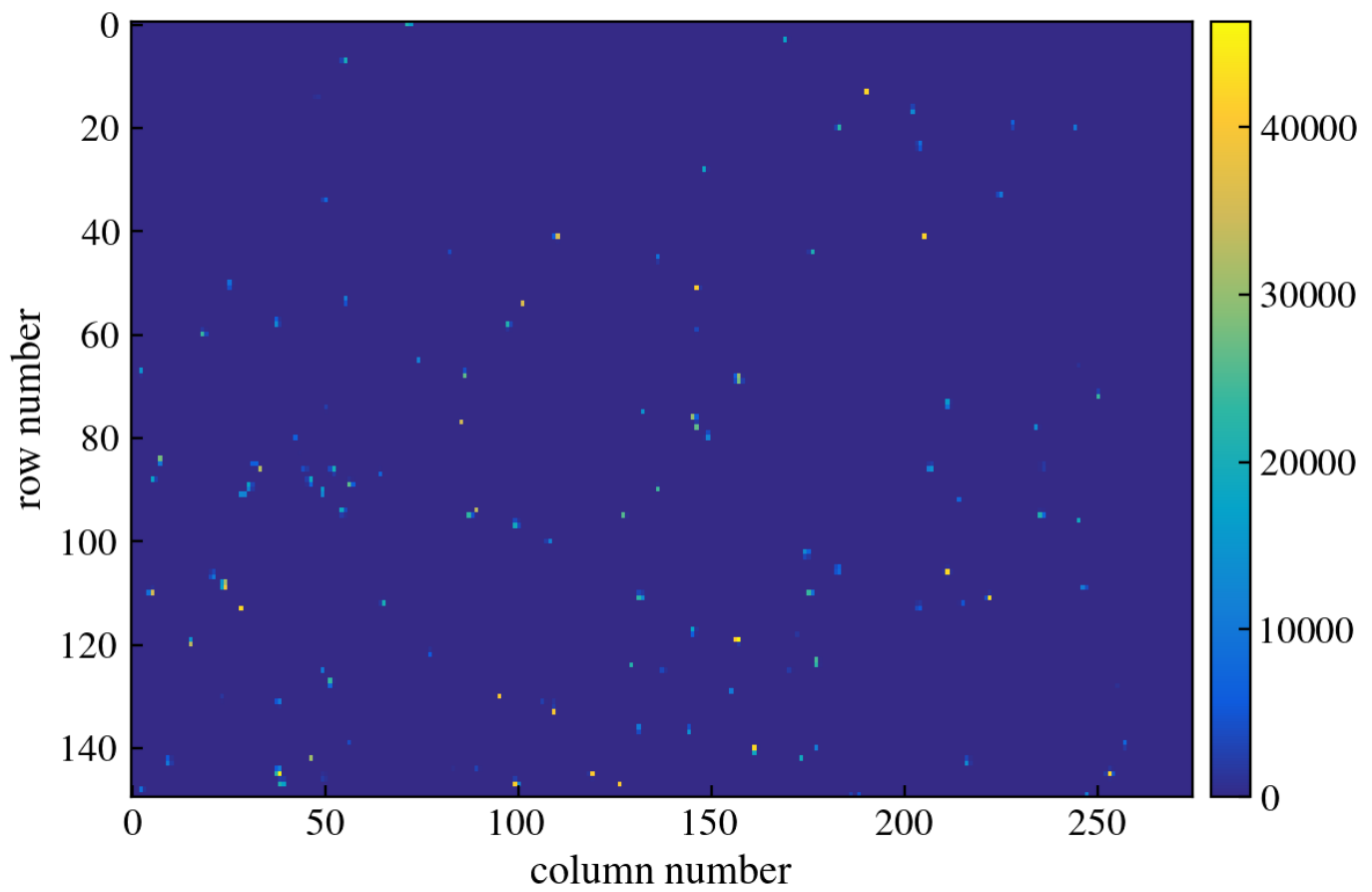


Figure 96: CCD Image

CCD Image: run 147, image 157  
[class MECCDImage]

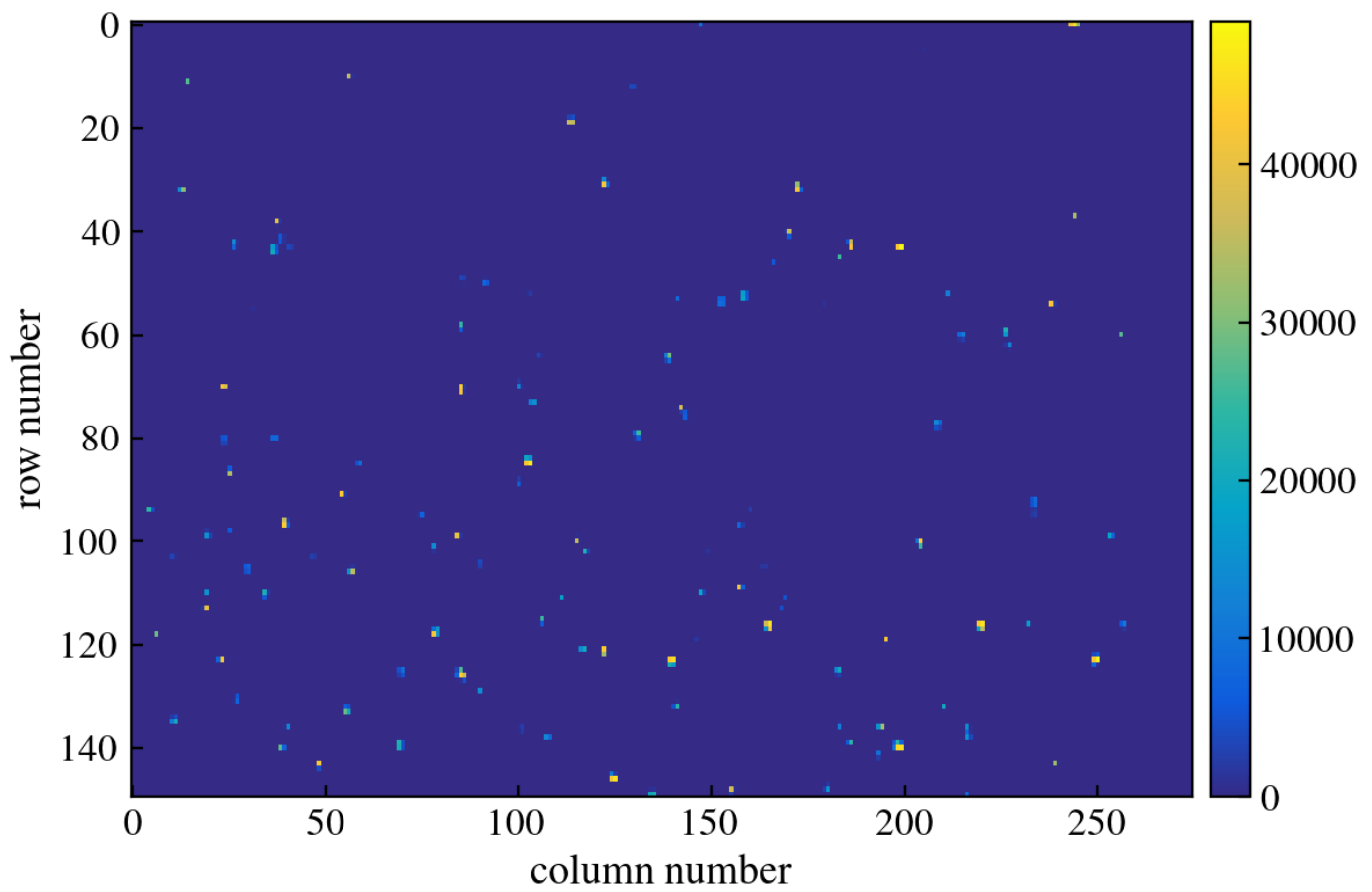


Figure 97: CCD Image

CCD Image: run 147, image 158  
[class MECCDImage]

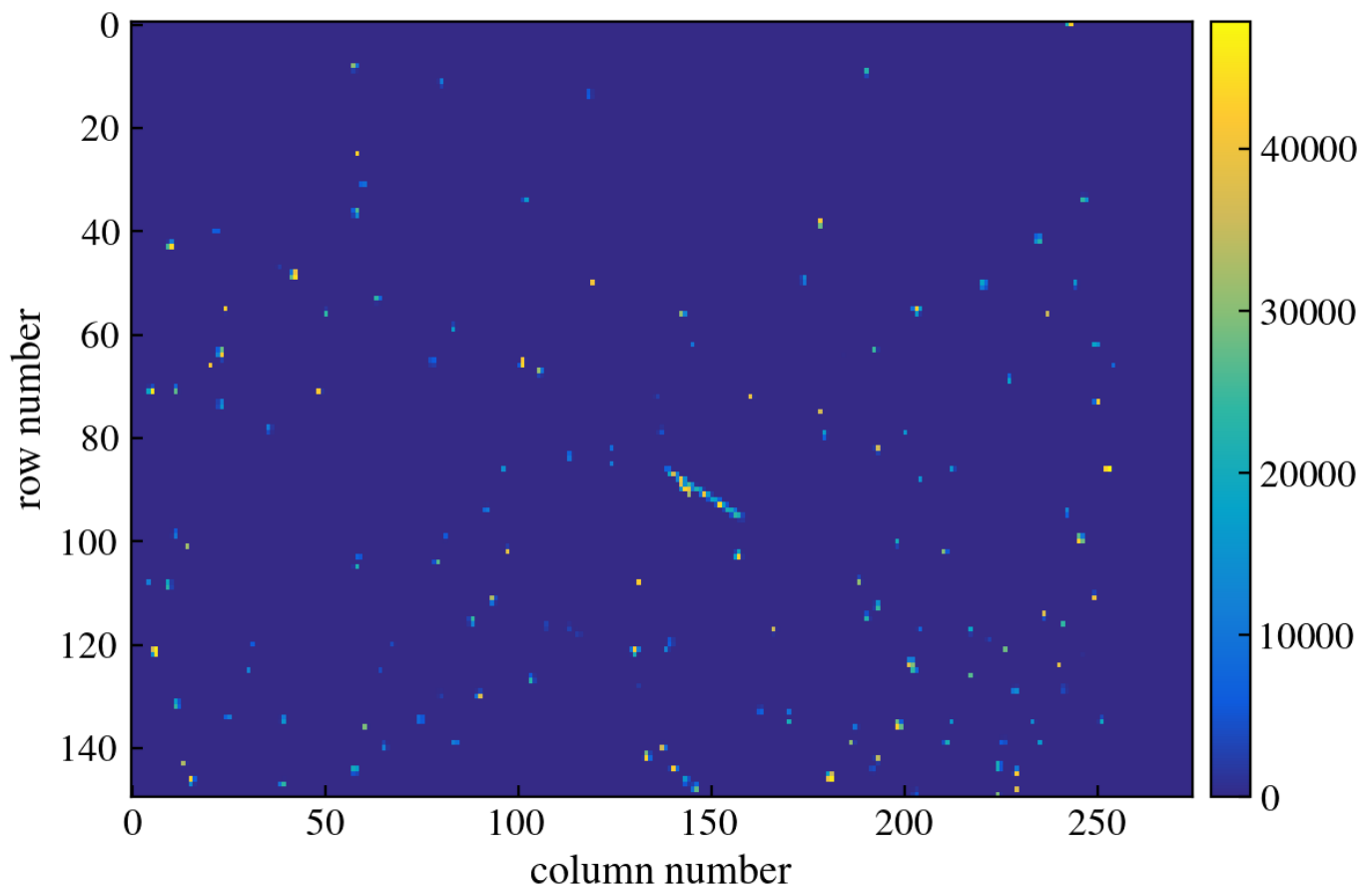


Figure 98: CCD Image

CCD Image: run 147, image 159  
[class MECCDImage]

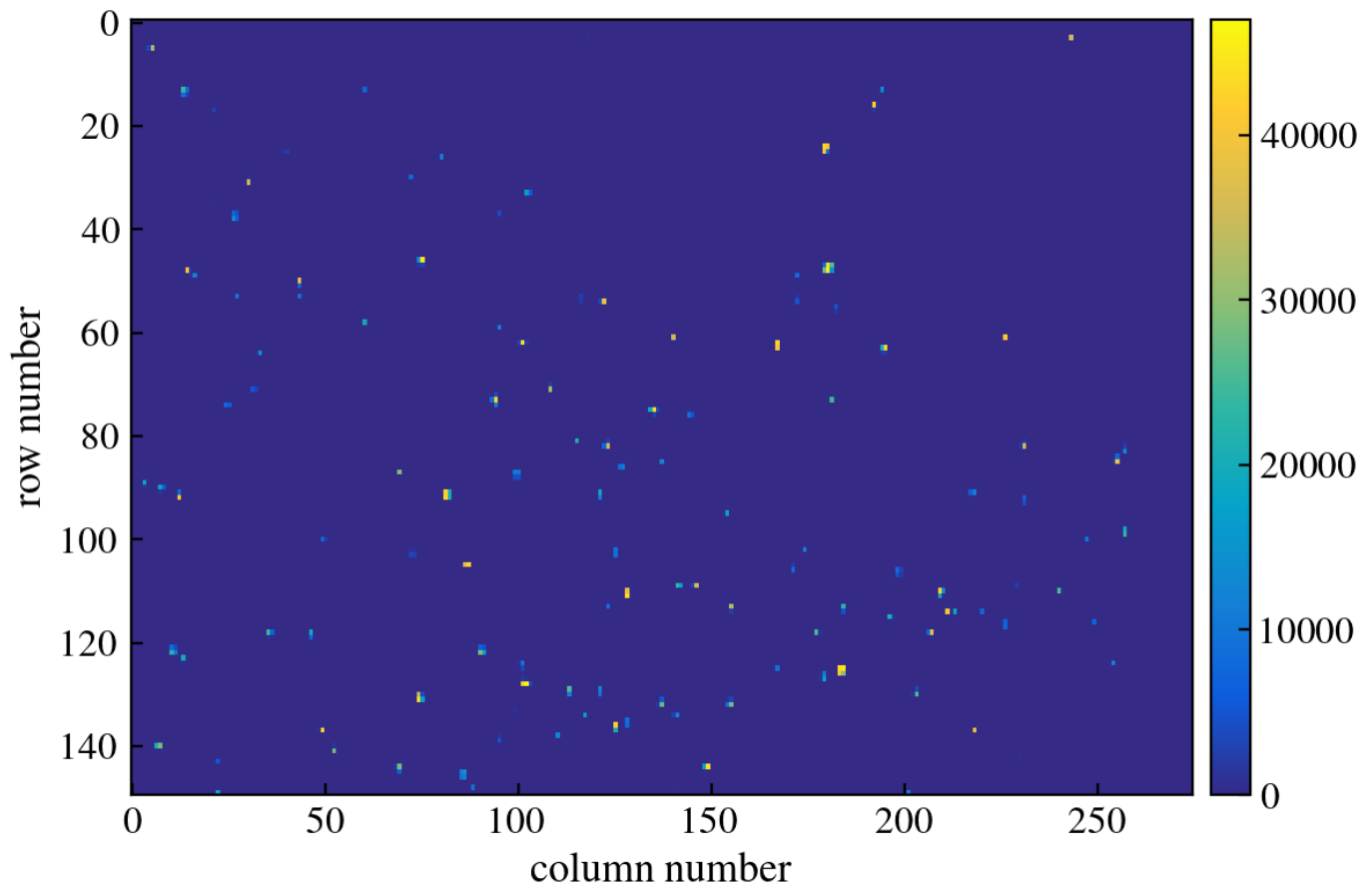


Figure 99: CCD Image



CCD Image: run 147, image 16  
[class MECCDImage]

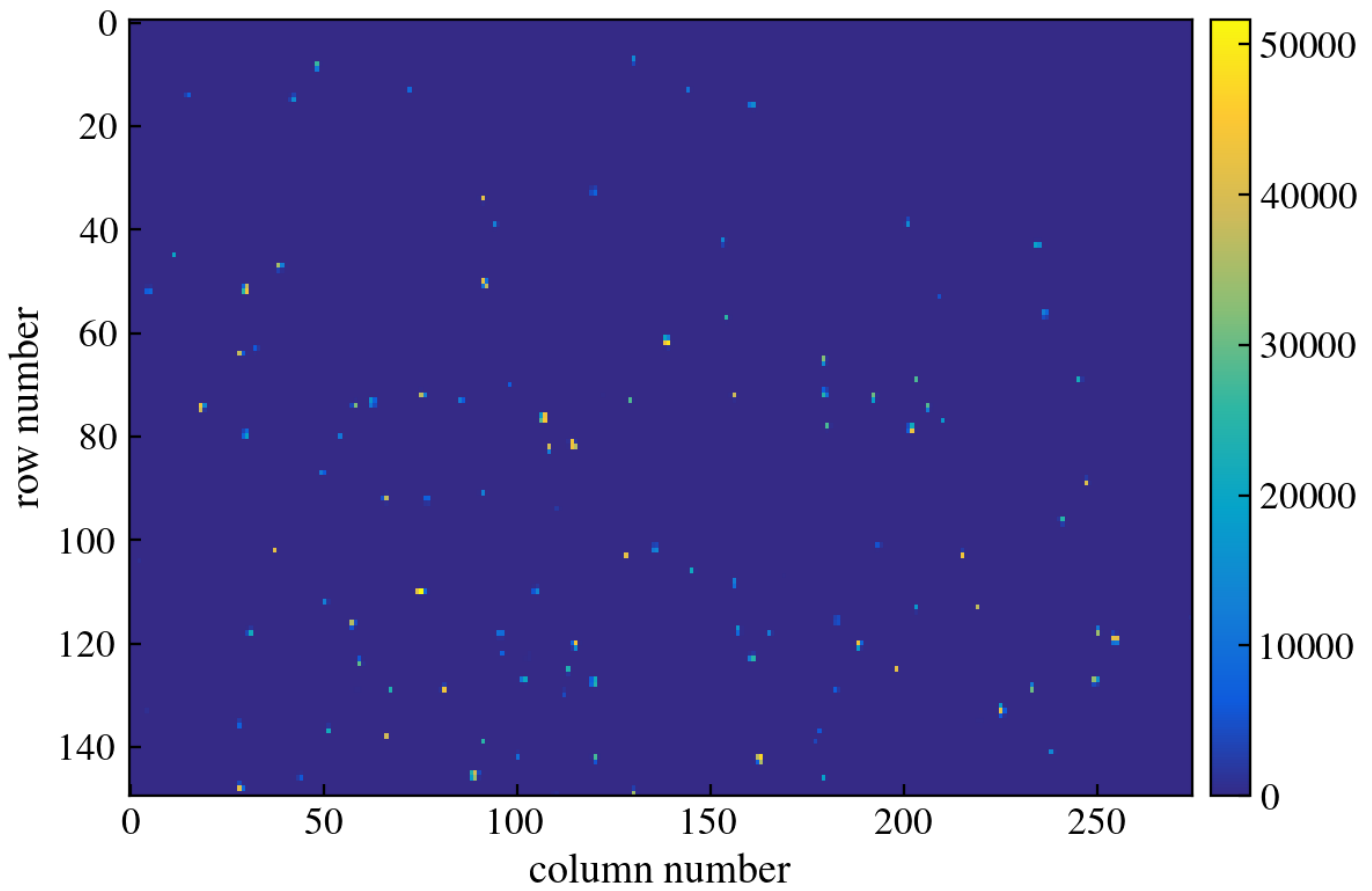


Figure 100: CCD Image

CCD Image: run 147, image 160  
[class MECCDImage]

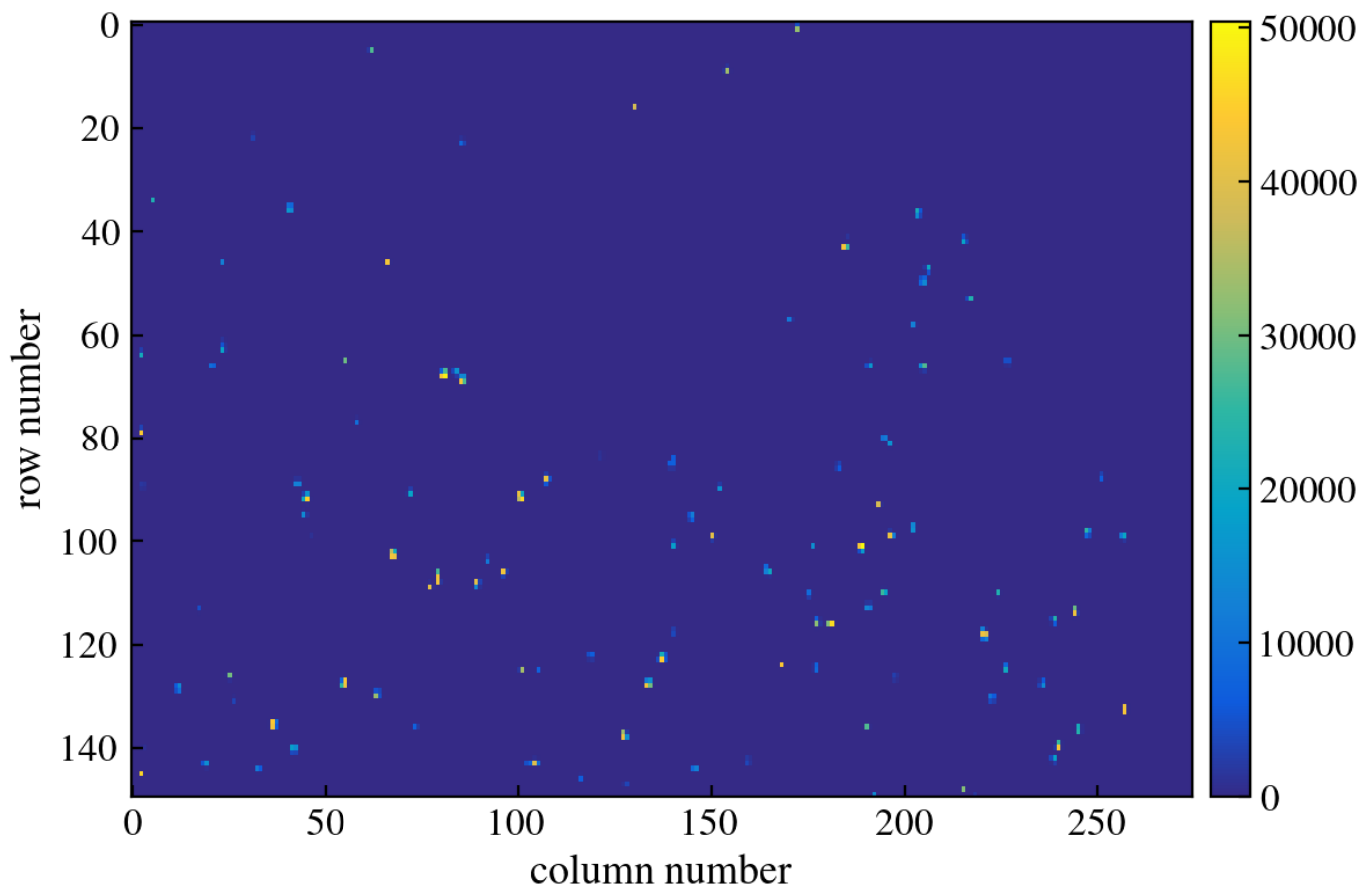


Figure 101: CCD Image

CCD Image: run 147, image 161  
[class MECCDImage]

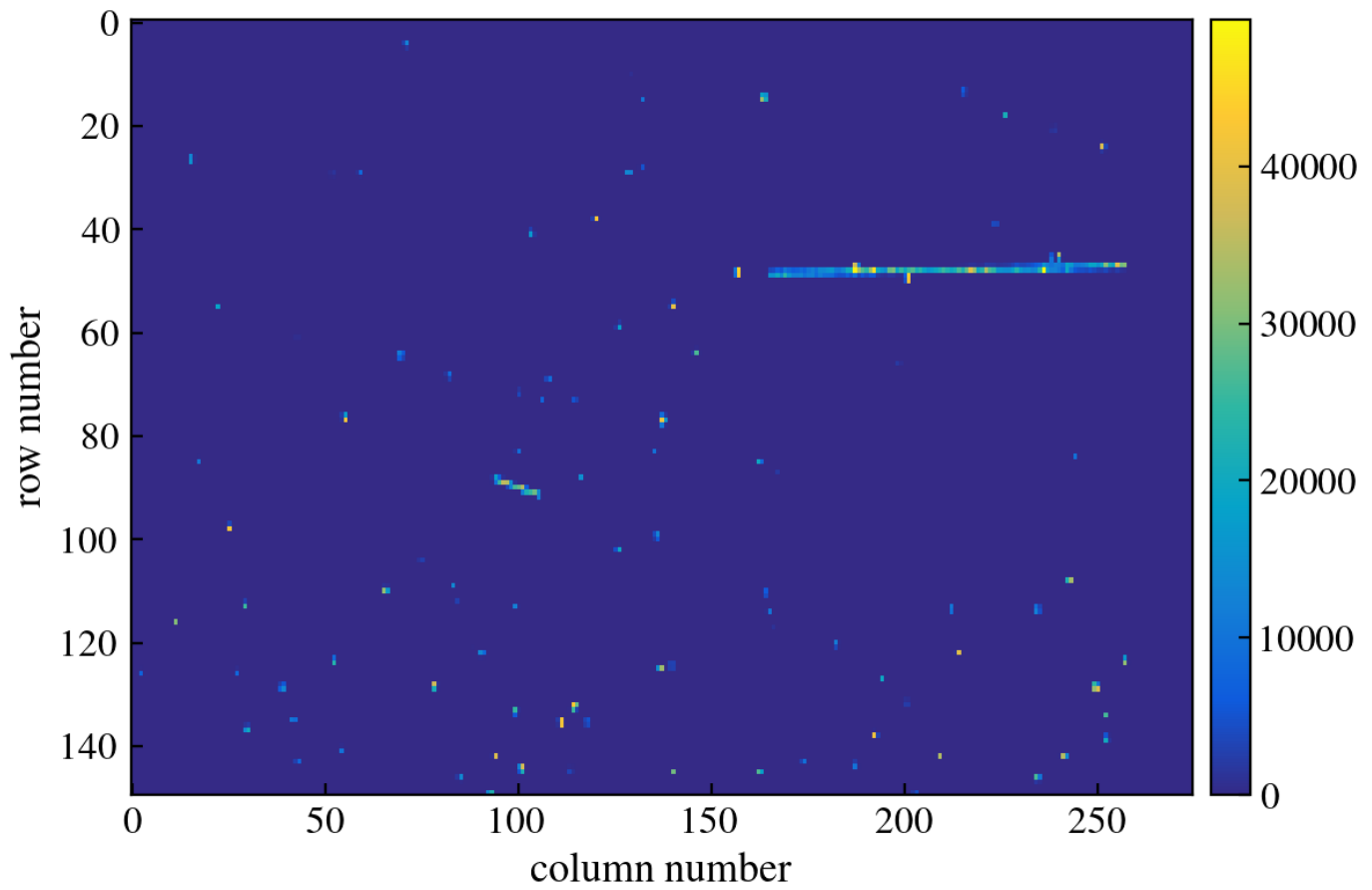


Figure 102: CCD Image

CCD Image: run 147, image 162  
[class MECCDImage]

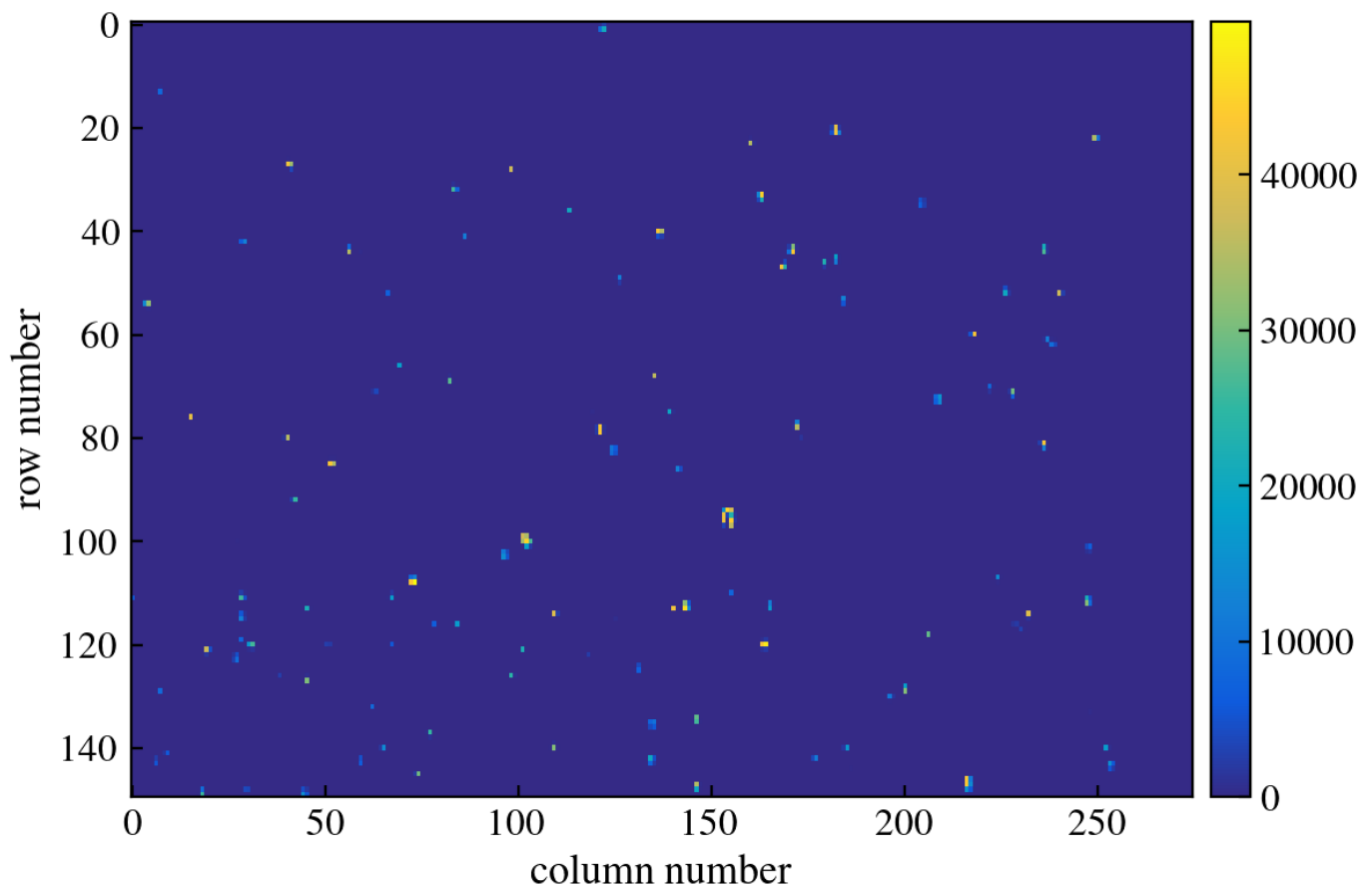


Figure 103: CCD Image

CCD Image: run 147, image 163  
[class MECCDImage]

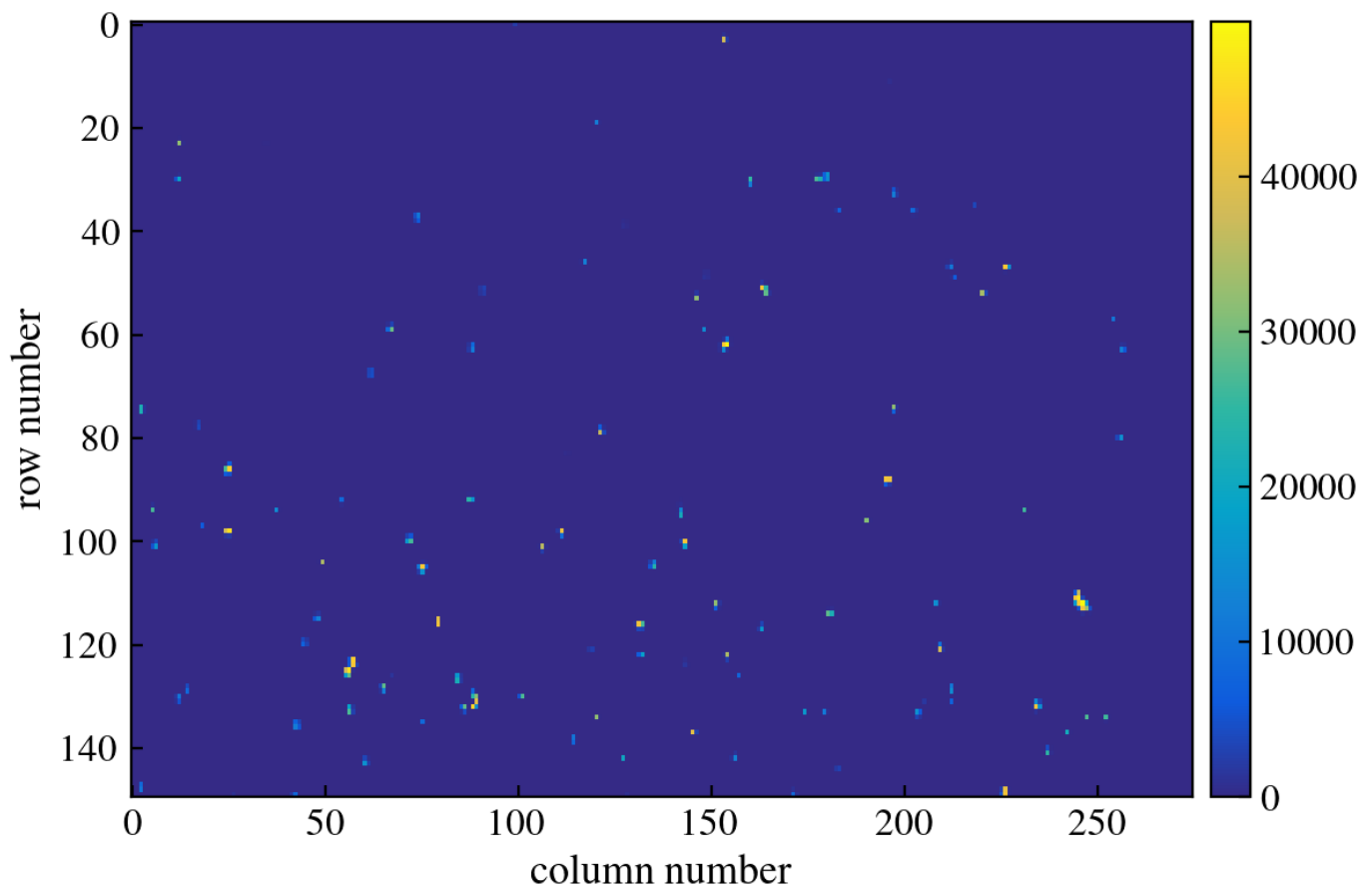


Figure 104: CCD Image

CCD Image: run 147, image 164  
[class MECCDImage]

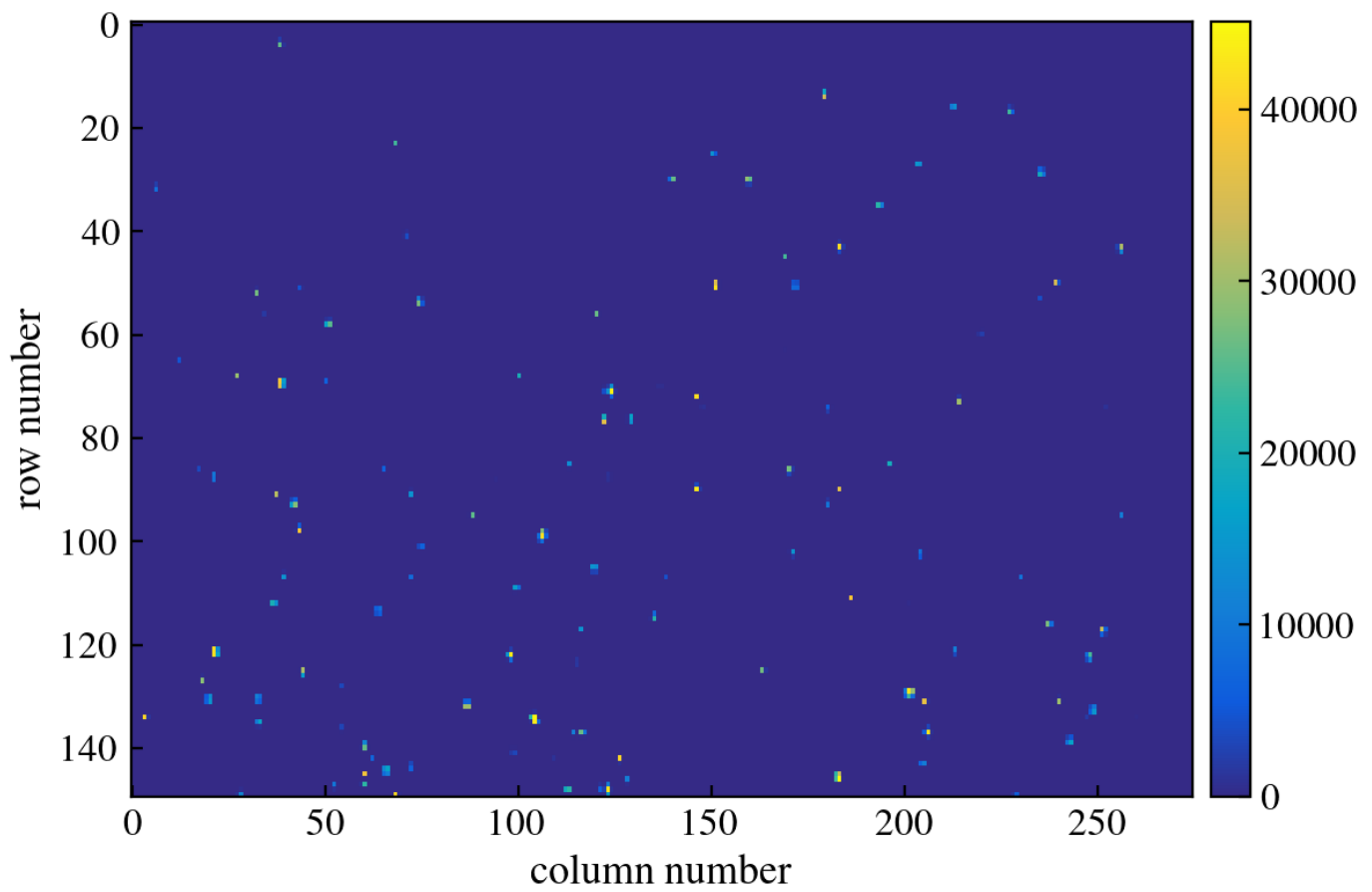


Figure 105: CCD Image

CCD Image: run 147, image 165  
[class MECCDImage]

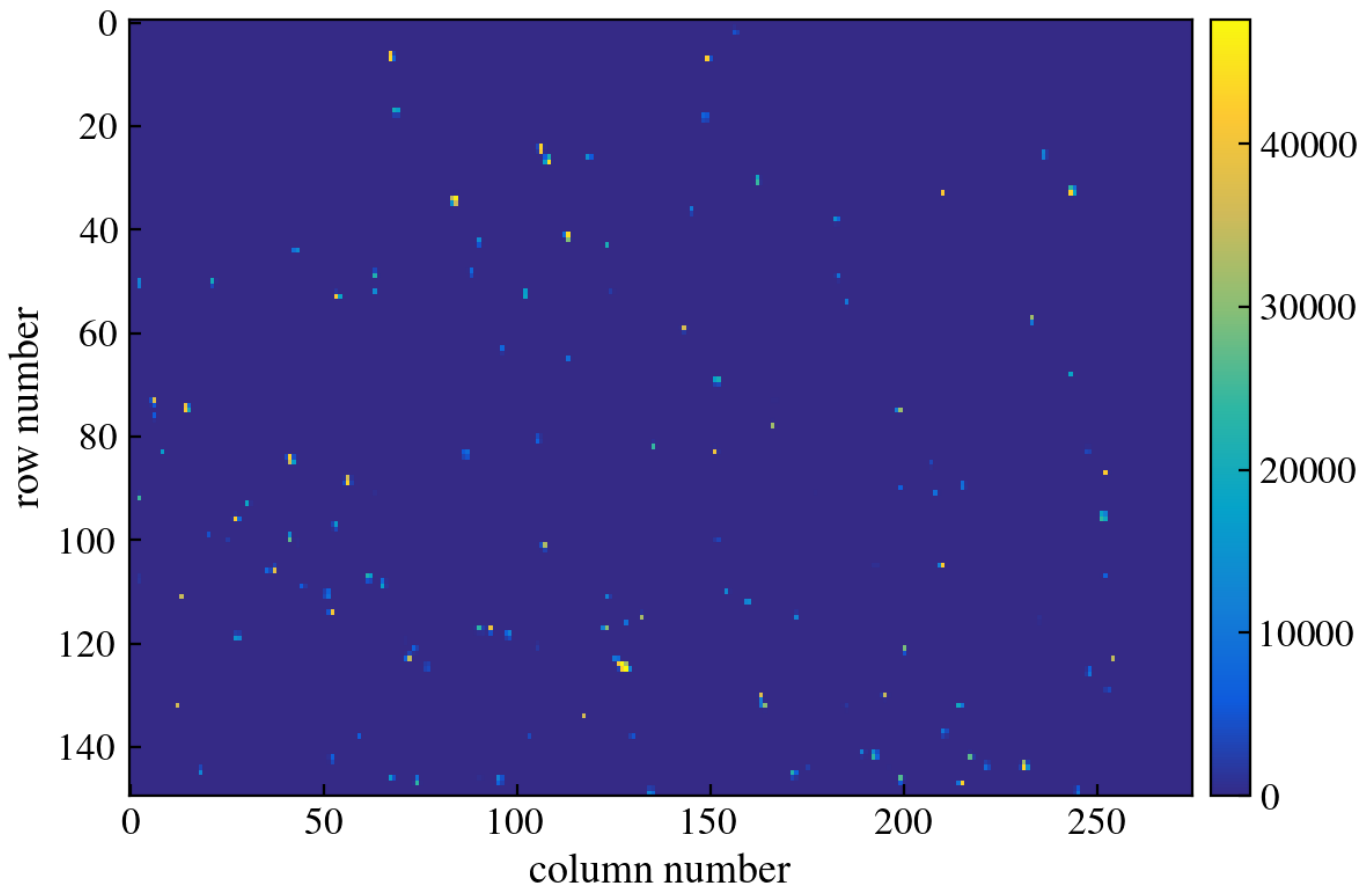


Figure 106: CCD Image

CCD Image: run 147, image 166  
[class MECCDImage]

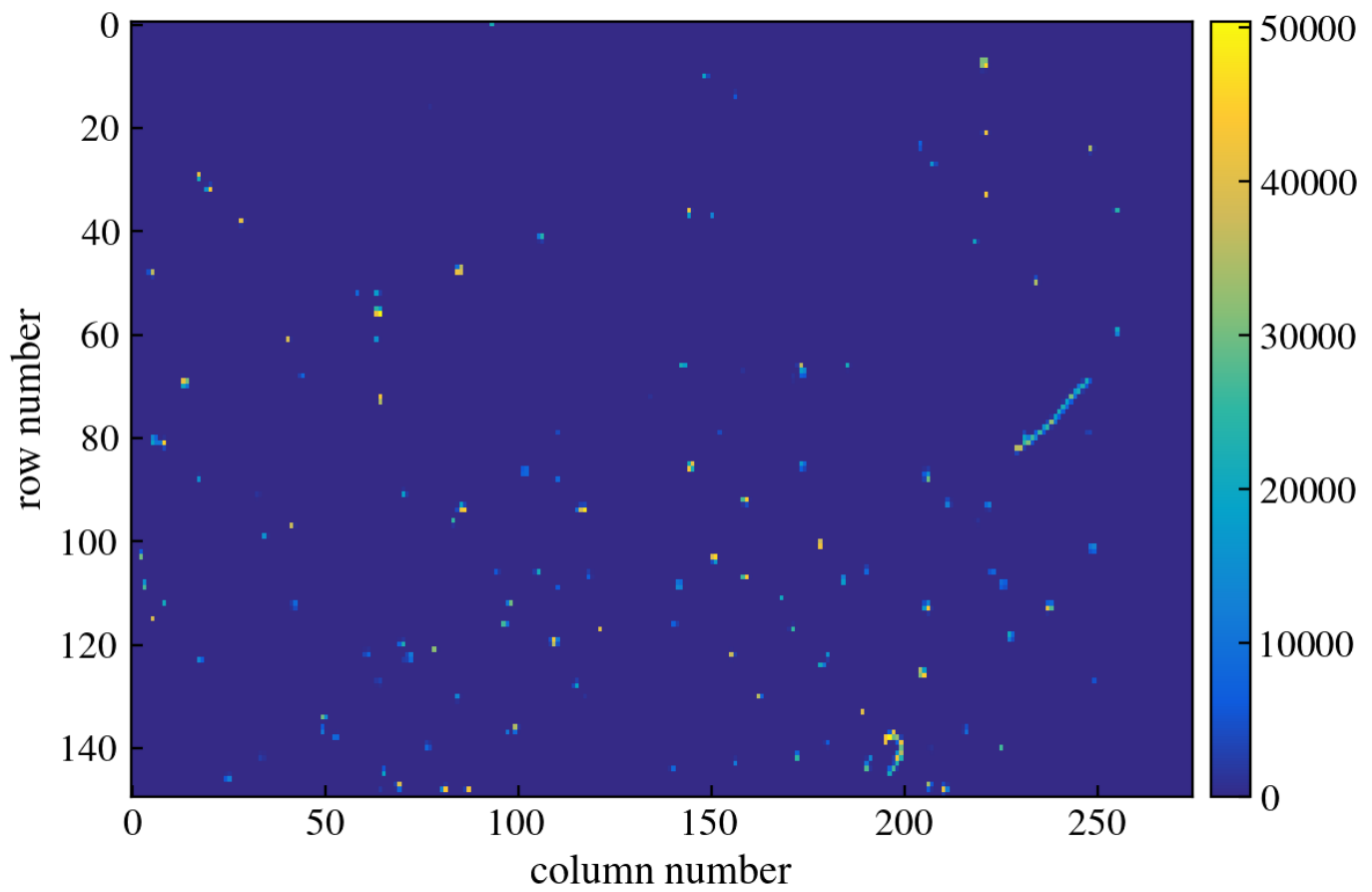


Figure 107: CCD Image



CCD Image: run 147, image 167  
[class MECCDImage]

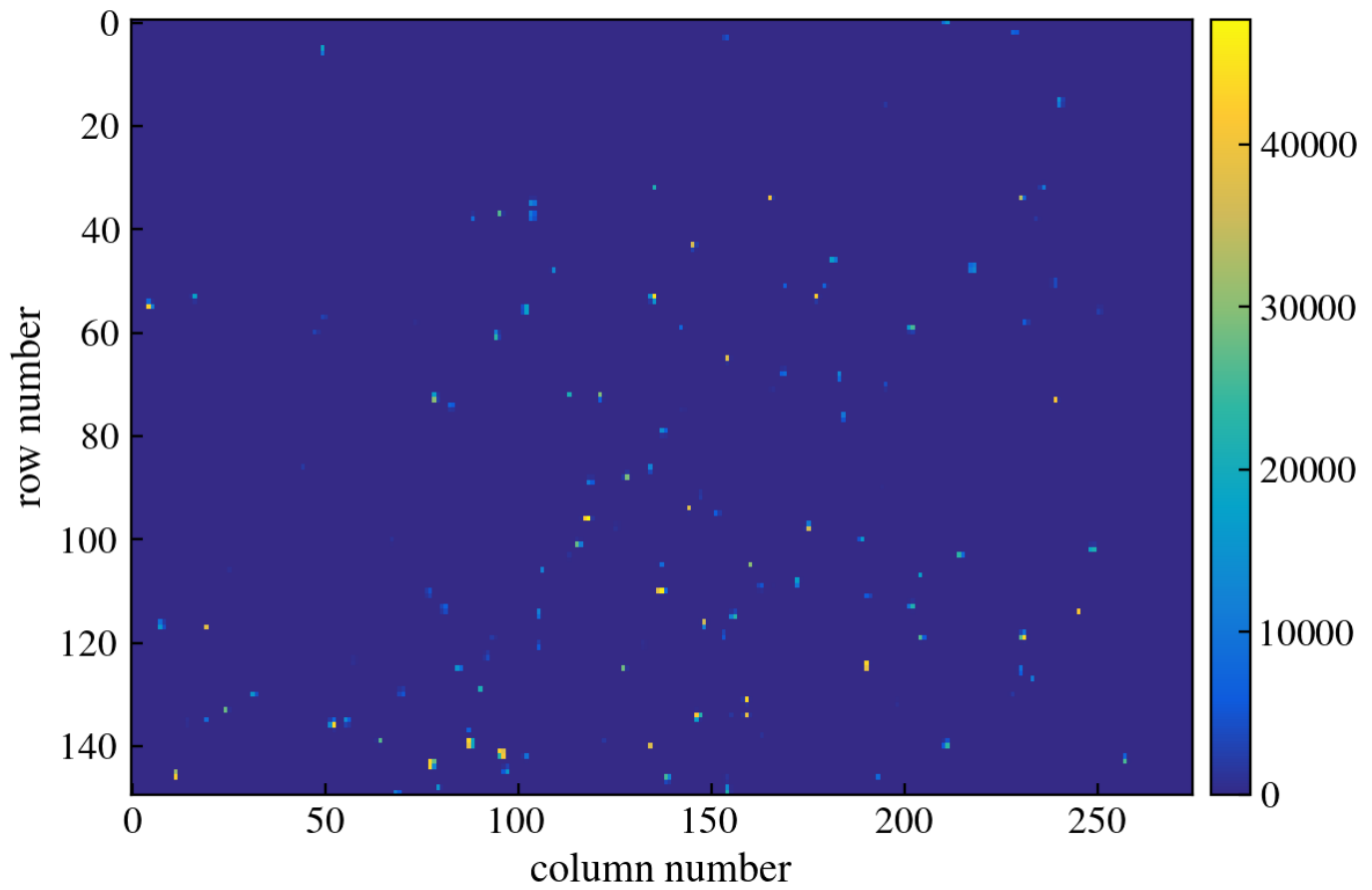


Figure 108: CCD Image

CCD Image: run 147, image 168  
[class MECCDImage]

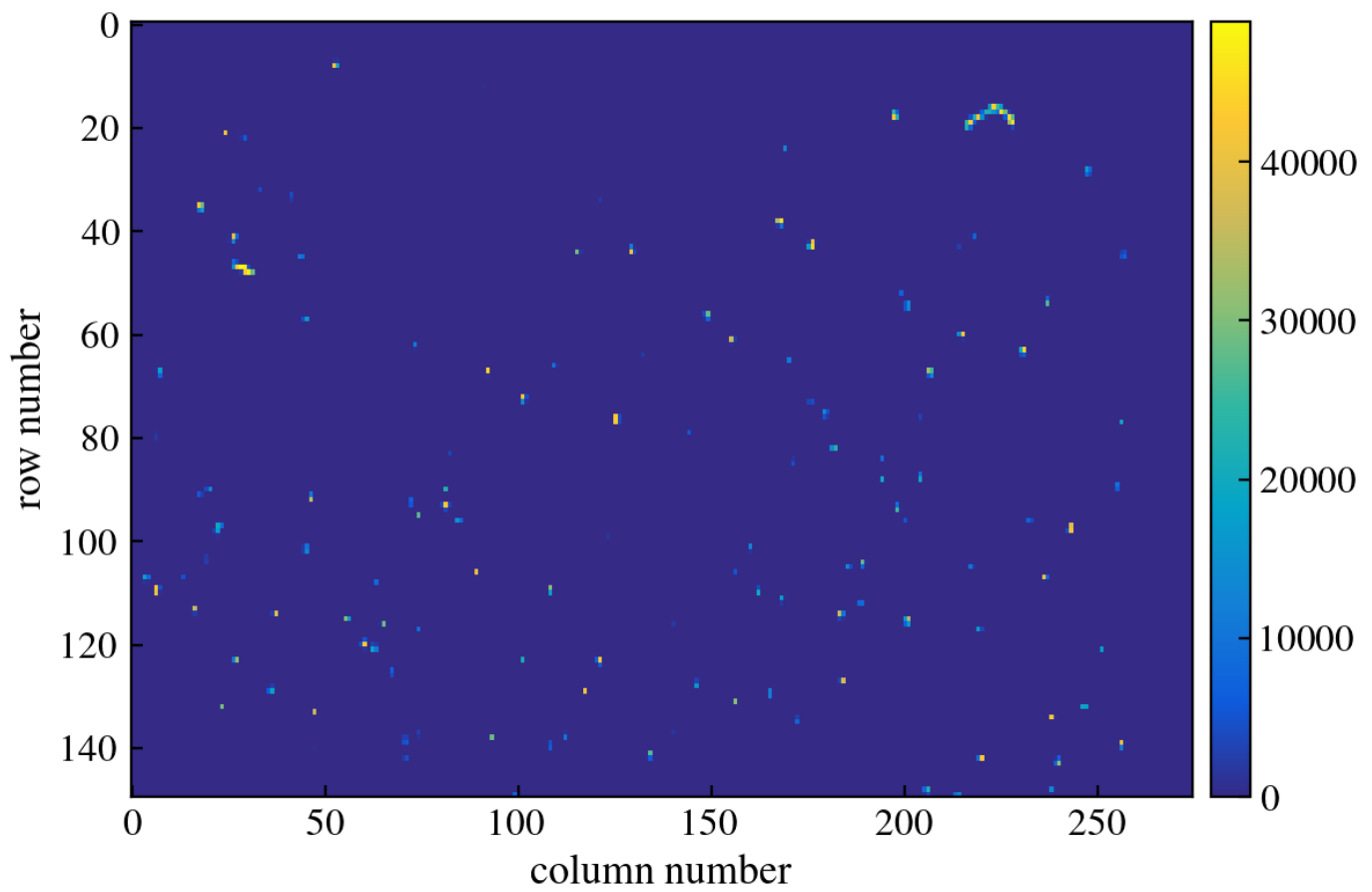


Figure 109: CCD Image

CCD Image: run 147, image 169  
[class MECCDImage]

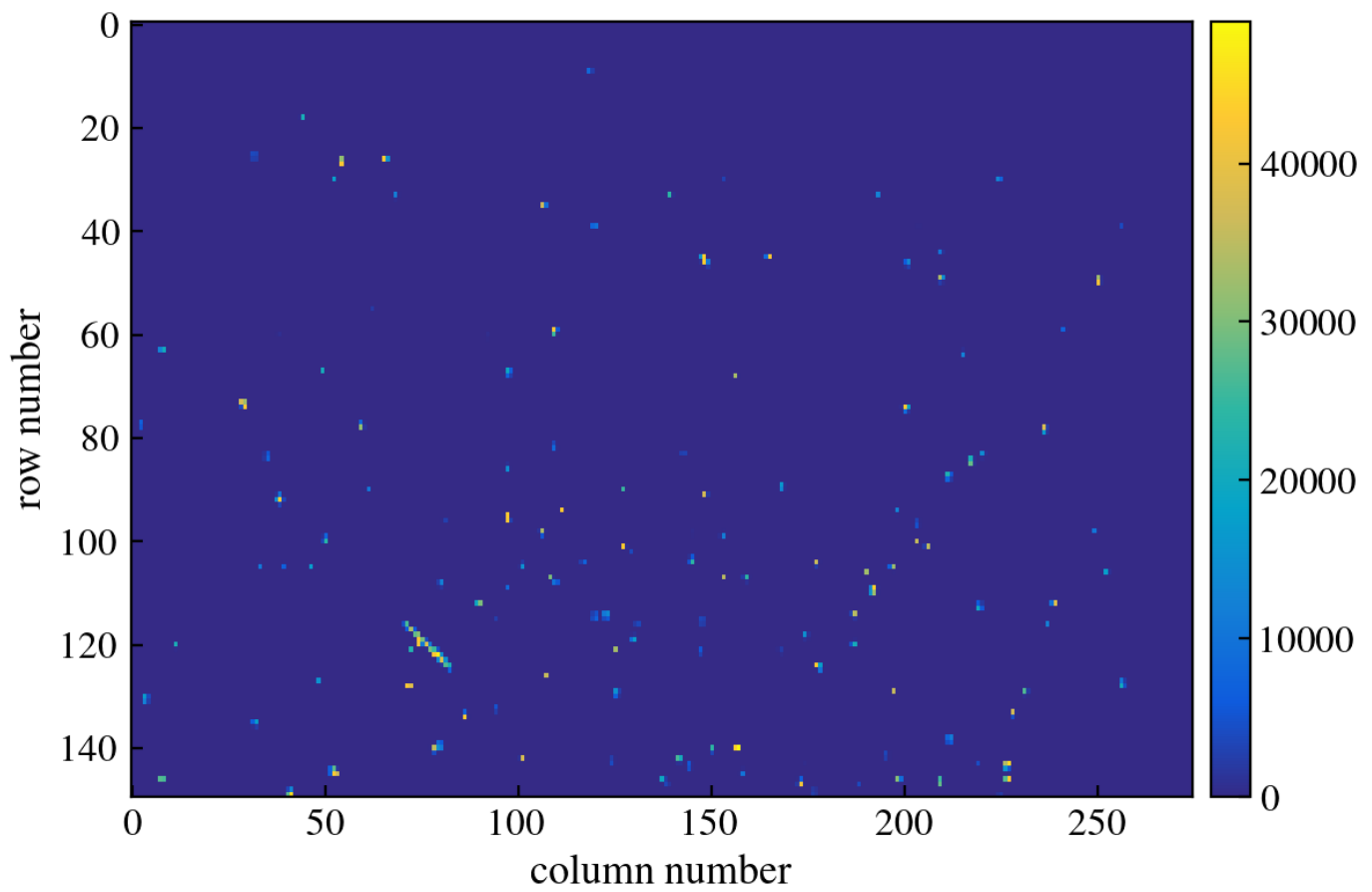


Figure 110: CCD Image

CCD Image: run 147, image 17  
[class MECCDImage]

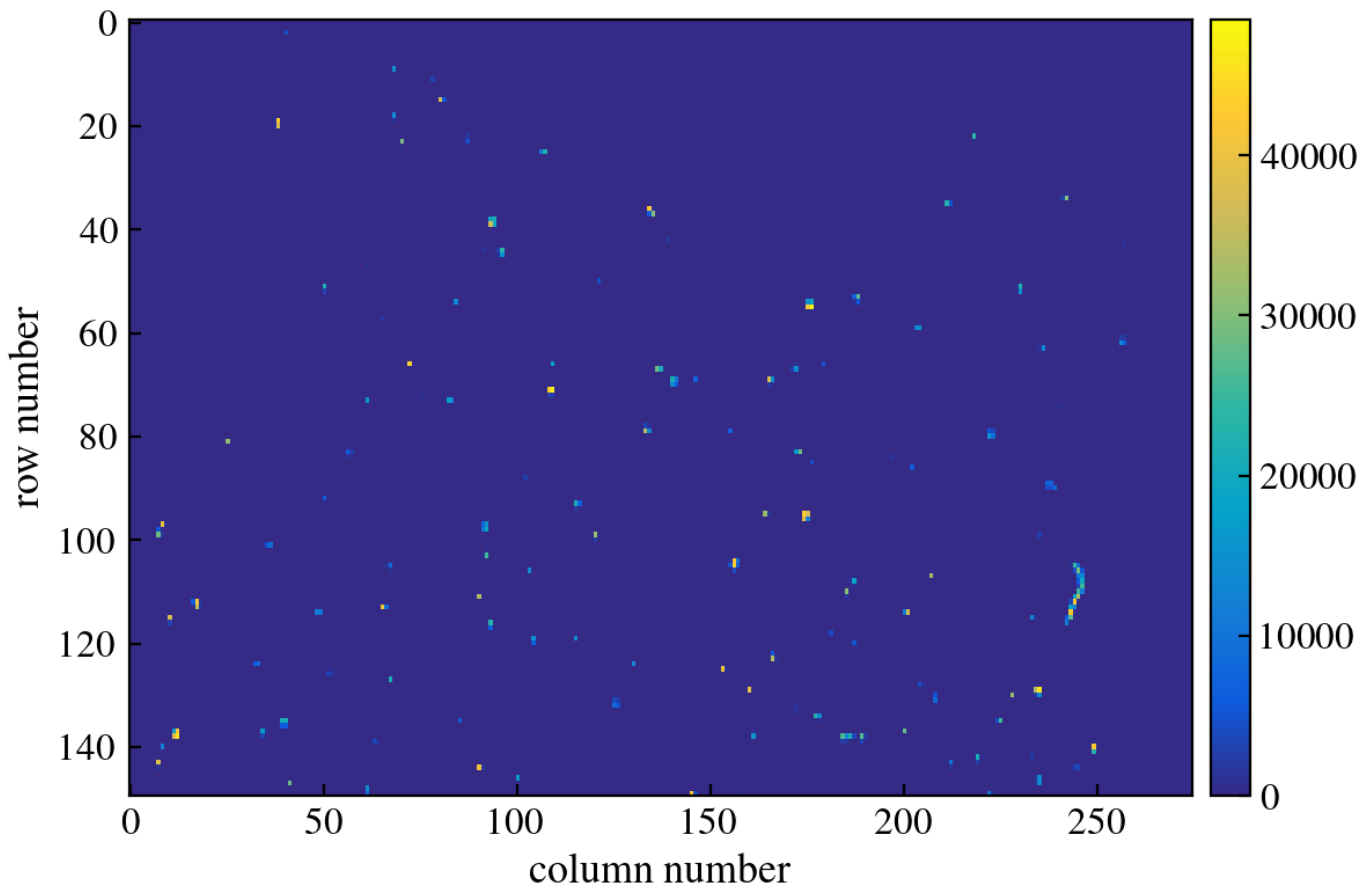


Figure 111: CCD Image

CCD Image: run 147, image 170  
[class MECCDImage]

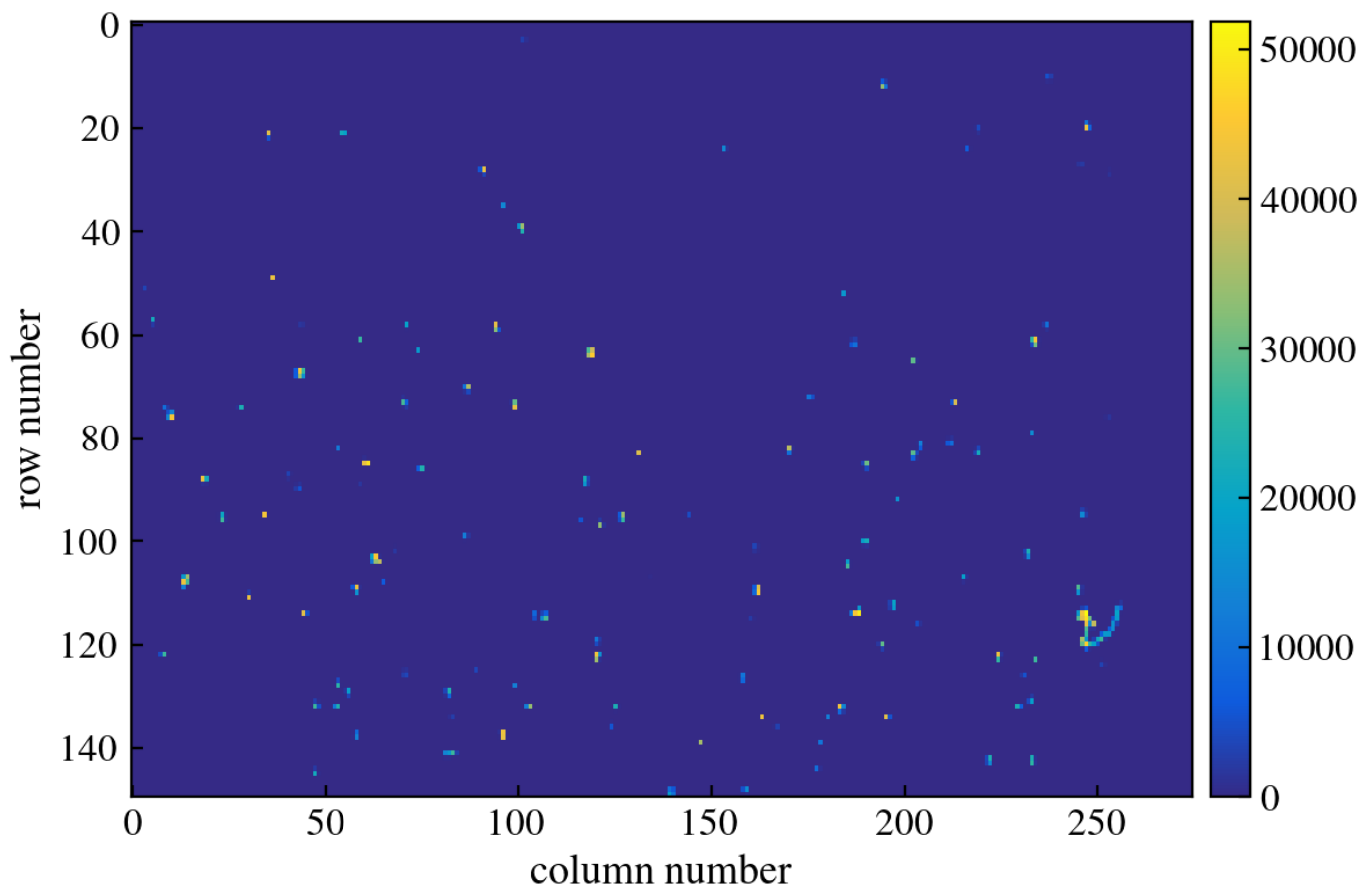


Figure 112: CCD Image

CCD Image: run 147, image 171  
[class MECCDImage]

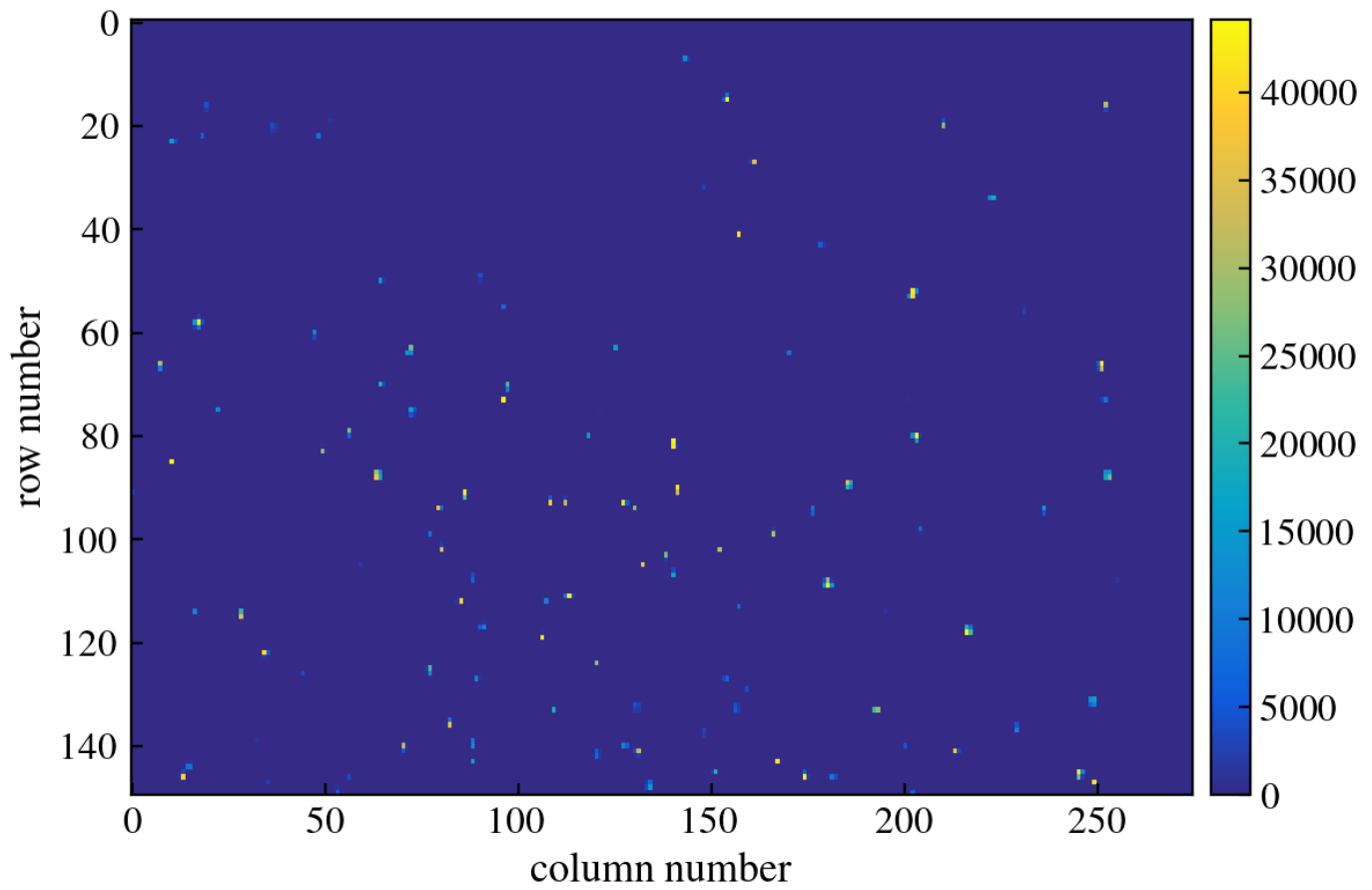


Figure 113: CCD Image

CCD Image: run 147, image 172  
[class MECCDImage]

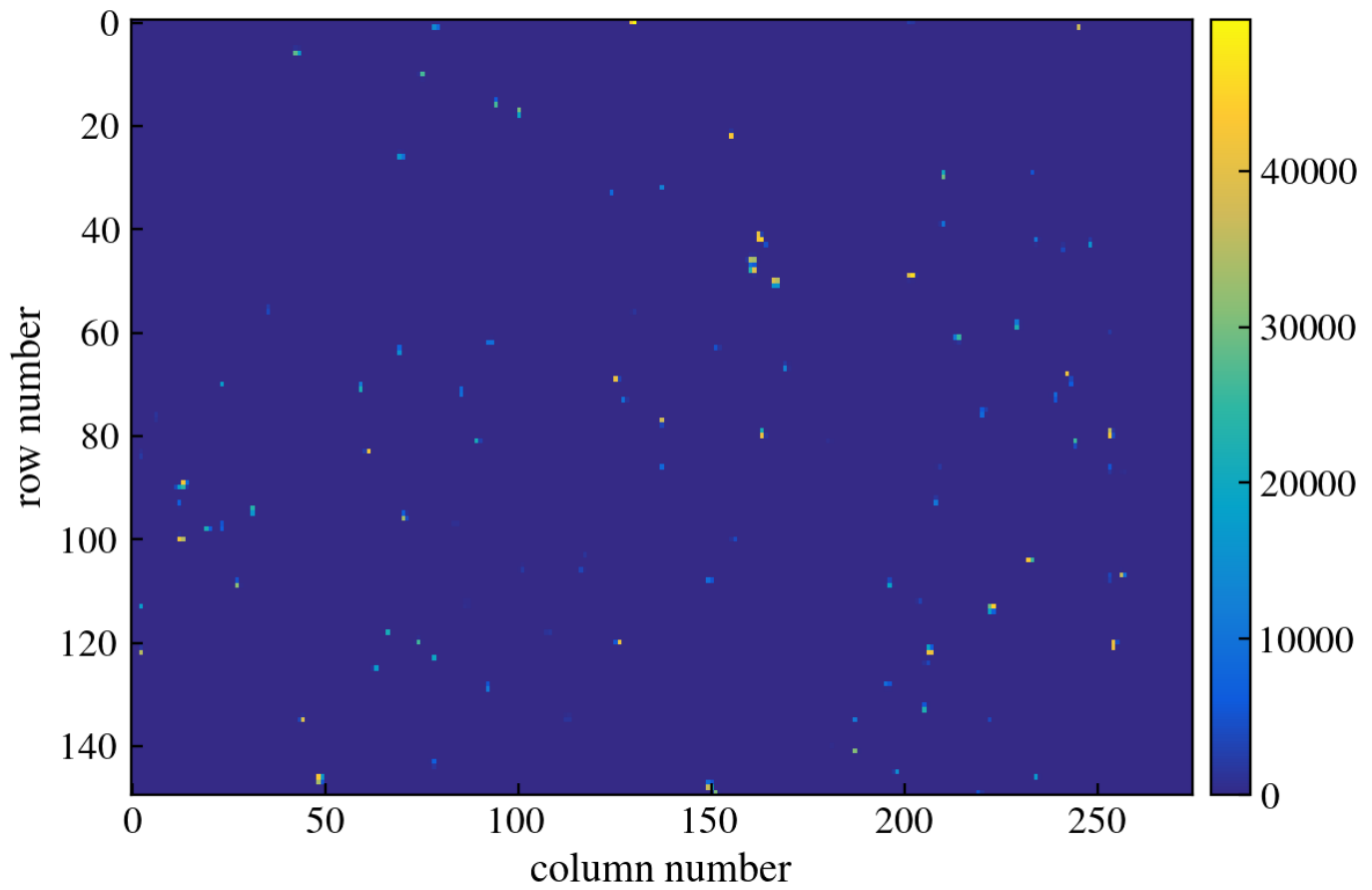


Figure 114: CCD Image

CCD Image: run 147, image 173  
[class MECCDImage]

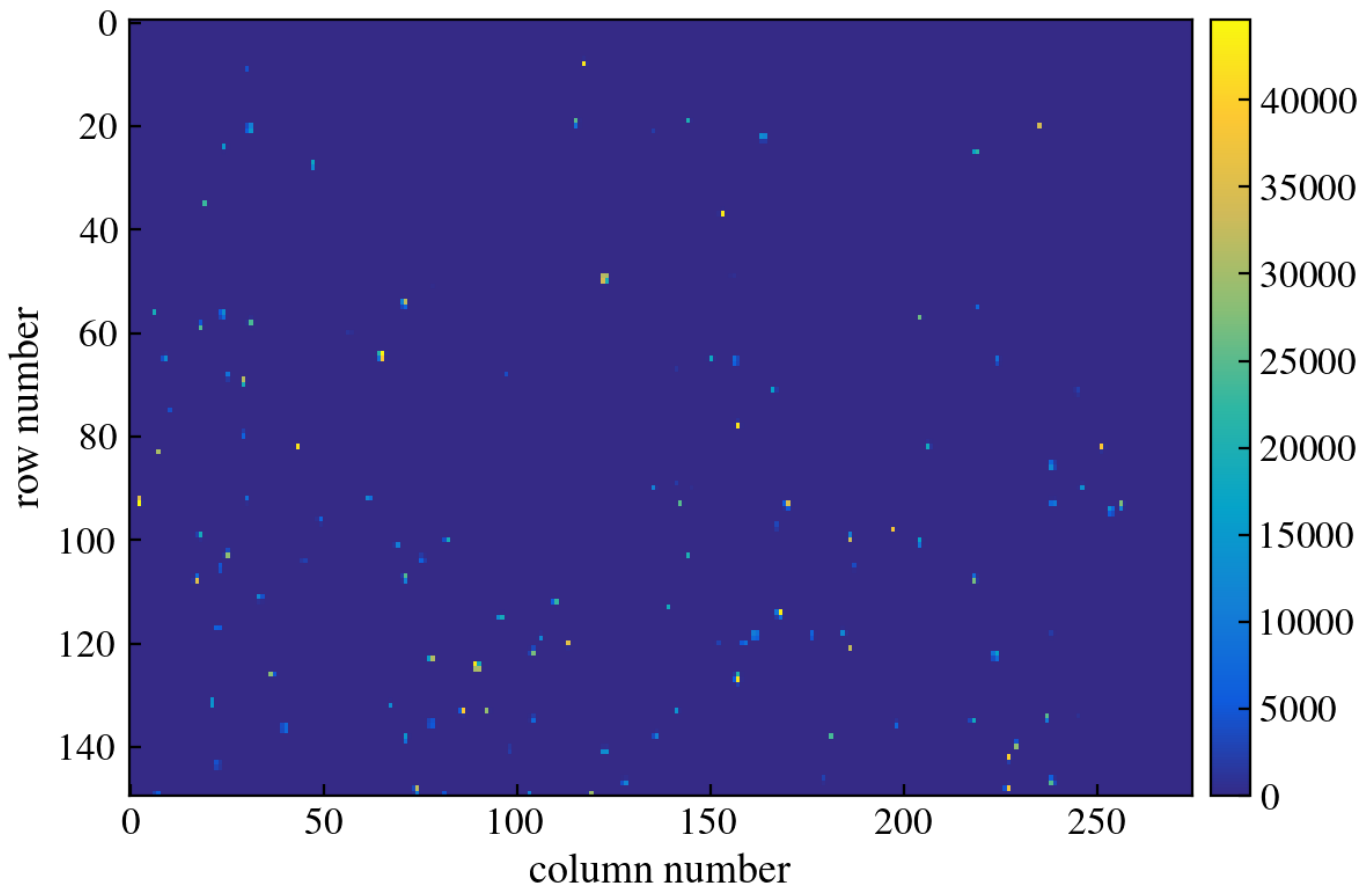


Figure 115: CCD Image



CCD Image: run 147, image 174  
[class MECCDImage]

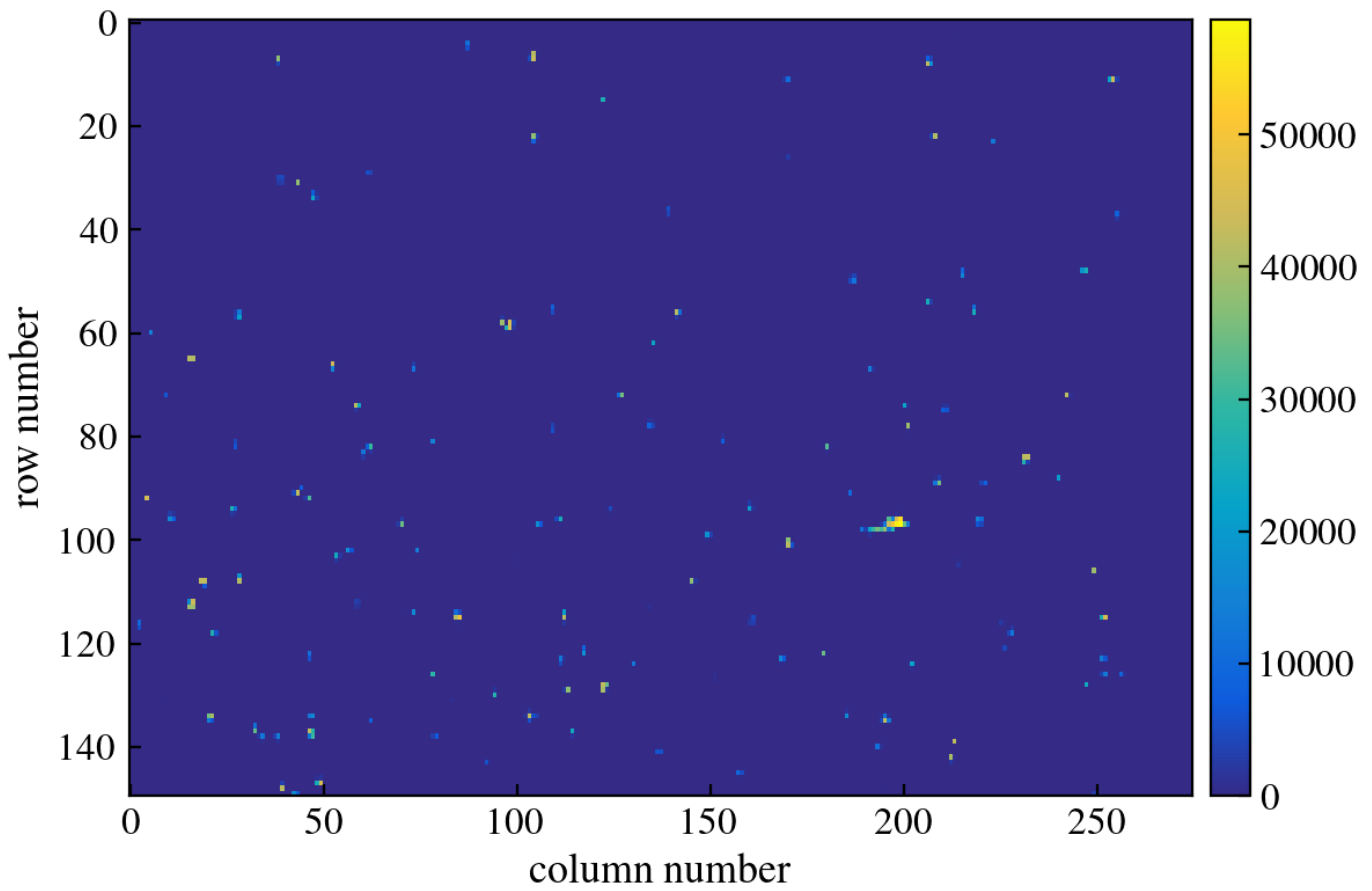


Figure 116: CCD Image

CCD Image: run 147, image 175  
[class MECCDImage]

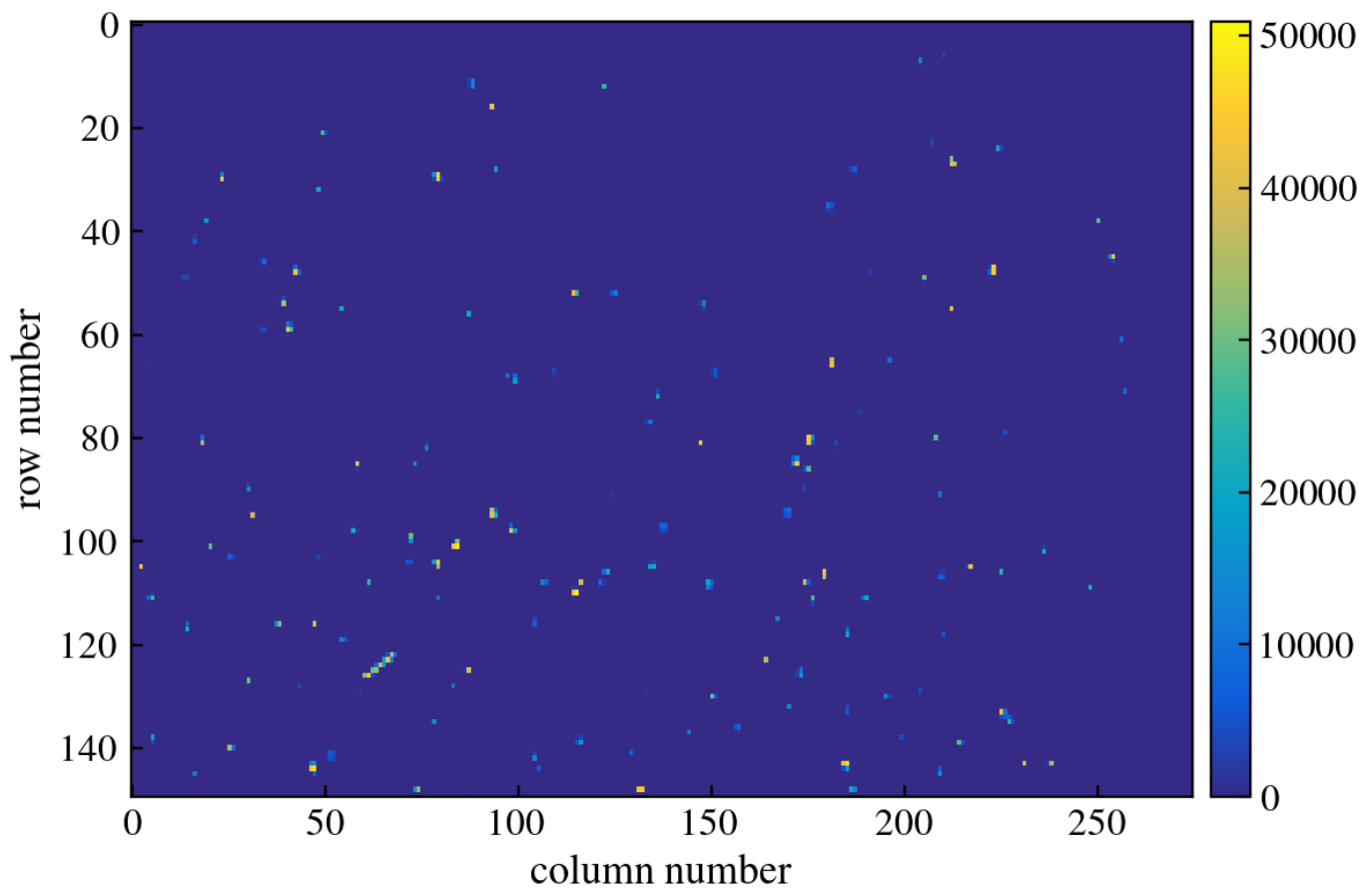


Figure 117: CCD Image

CCD Image: run 147, image 176  
[class MECCDImage]

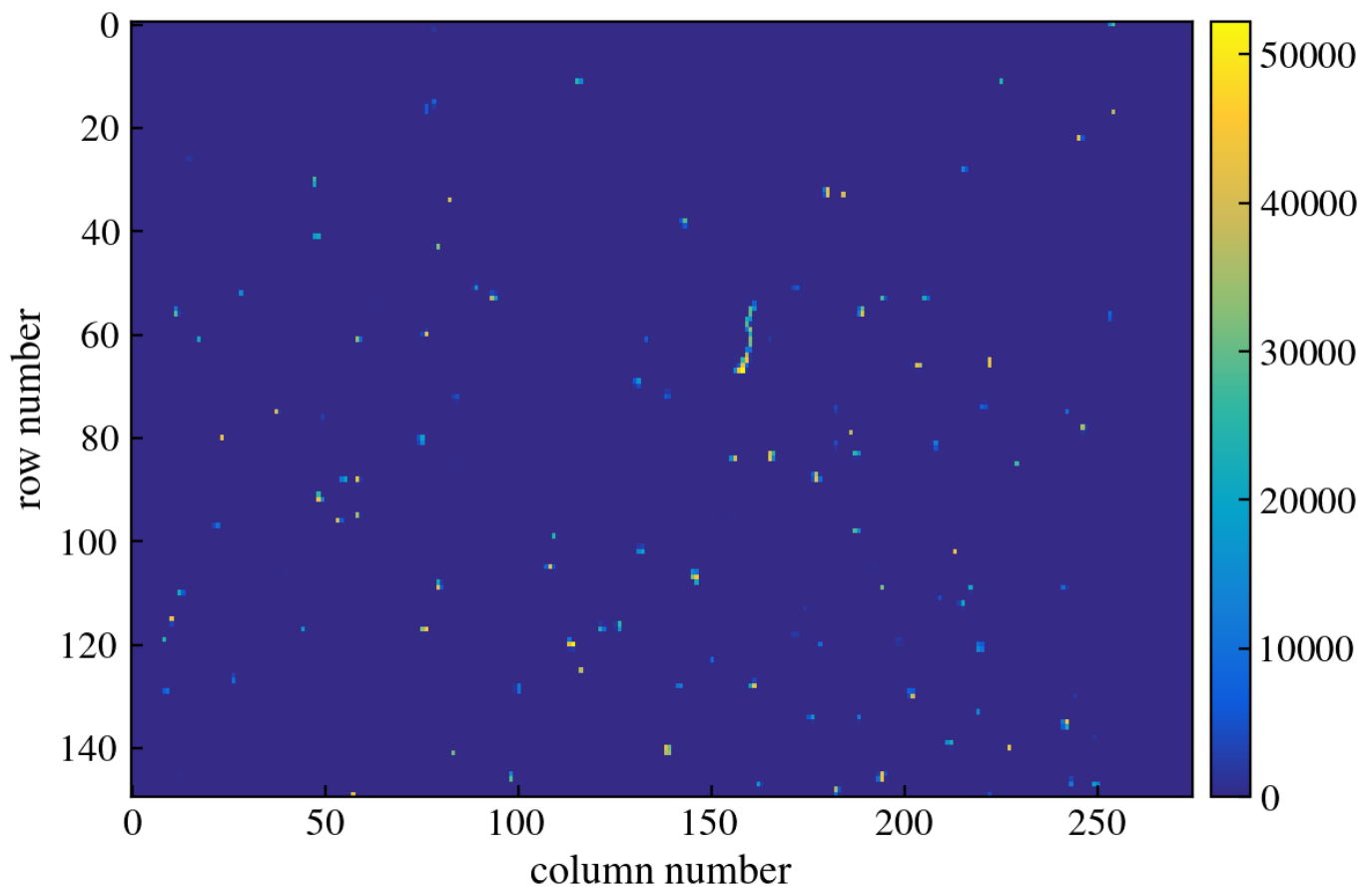


Figure 118: CCD Image

CCD Image: run 147, image 177  
[class MECCDImage]

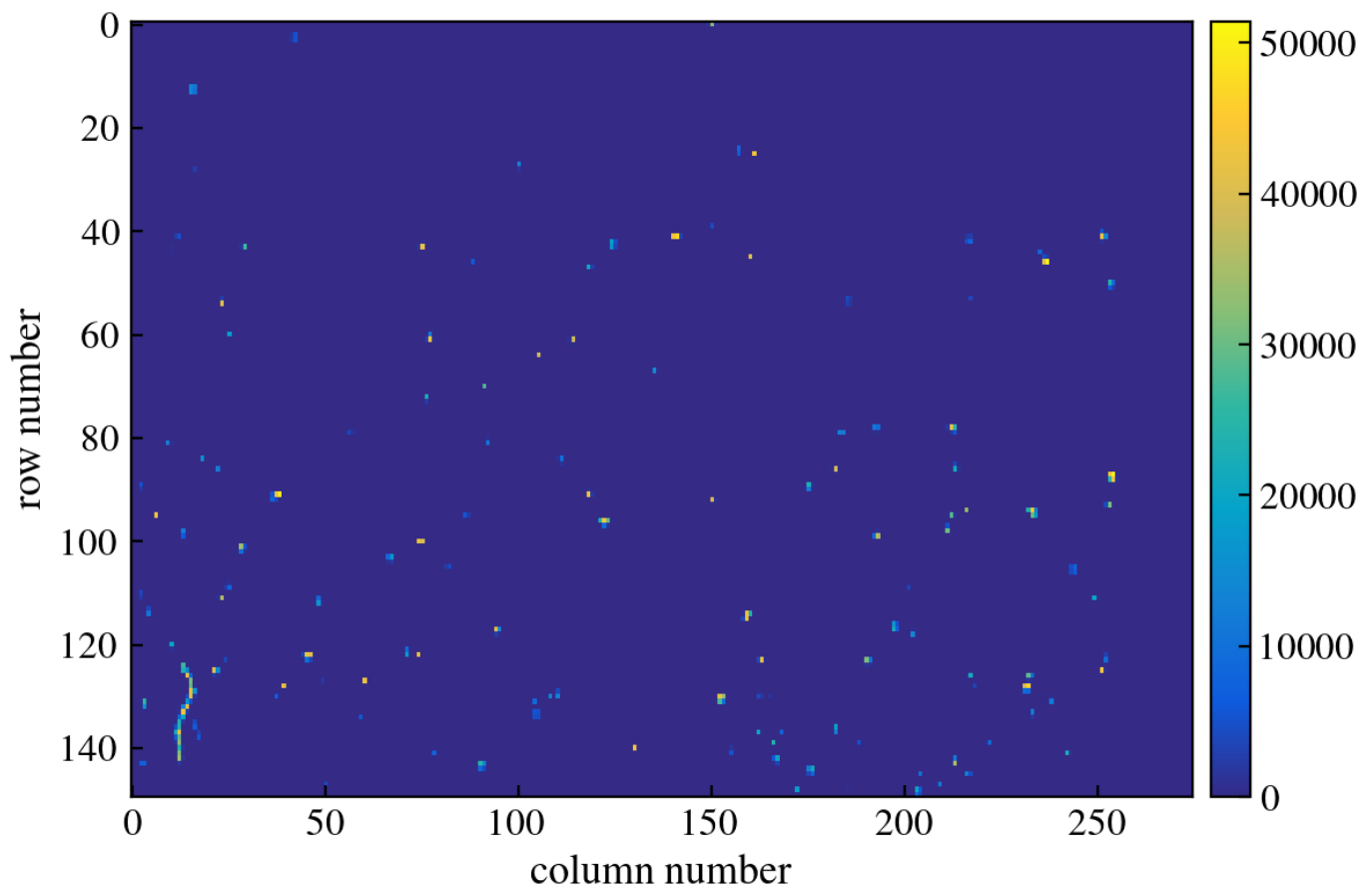


Figure 119: CCD Image

CCD Image: run 147, image 178  
[class MECCDImage]

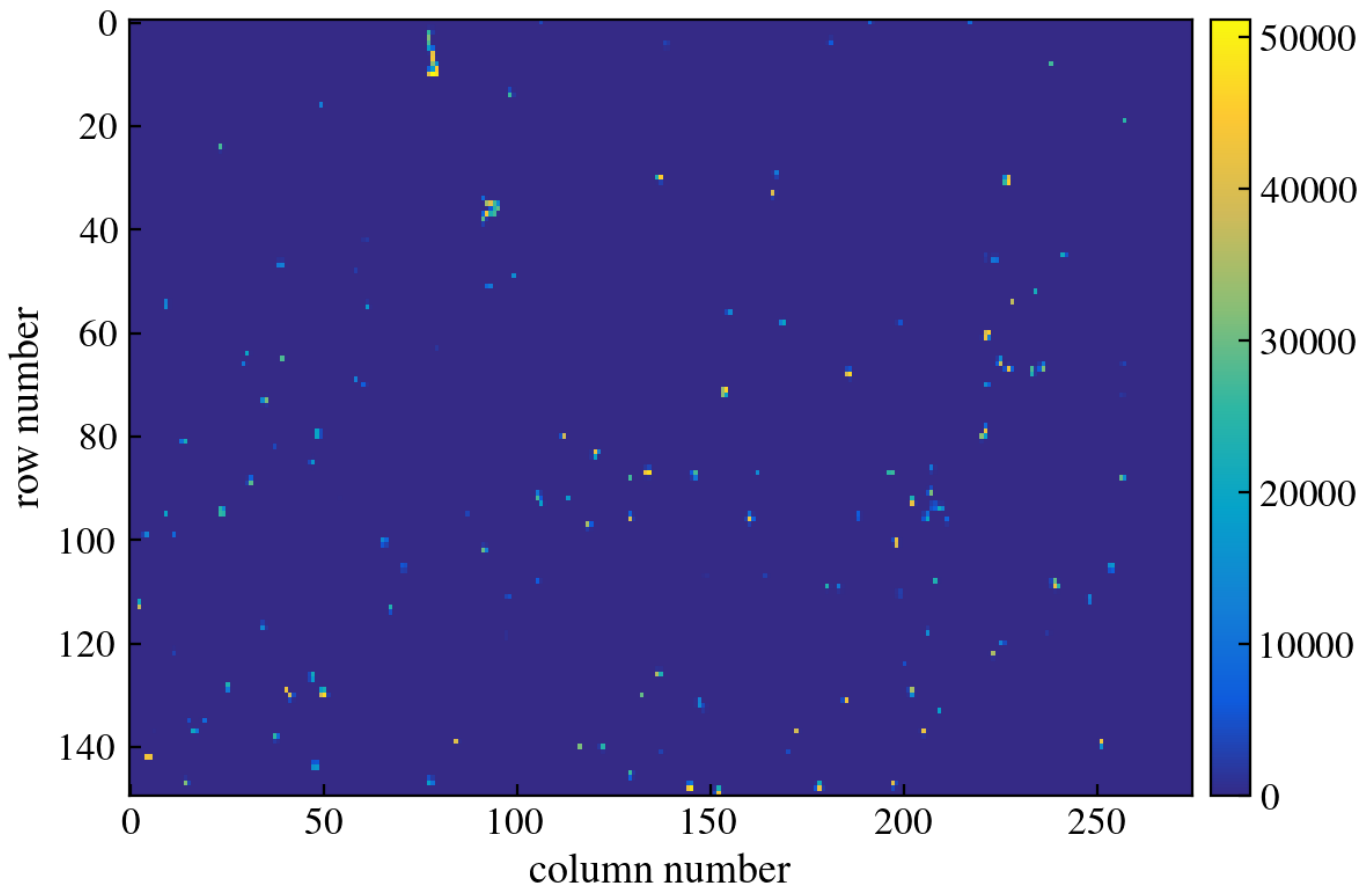


Figure 120: CCD Image

CCD Image: run 147, image 179  
[class MECCDImage]

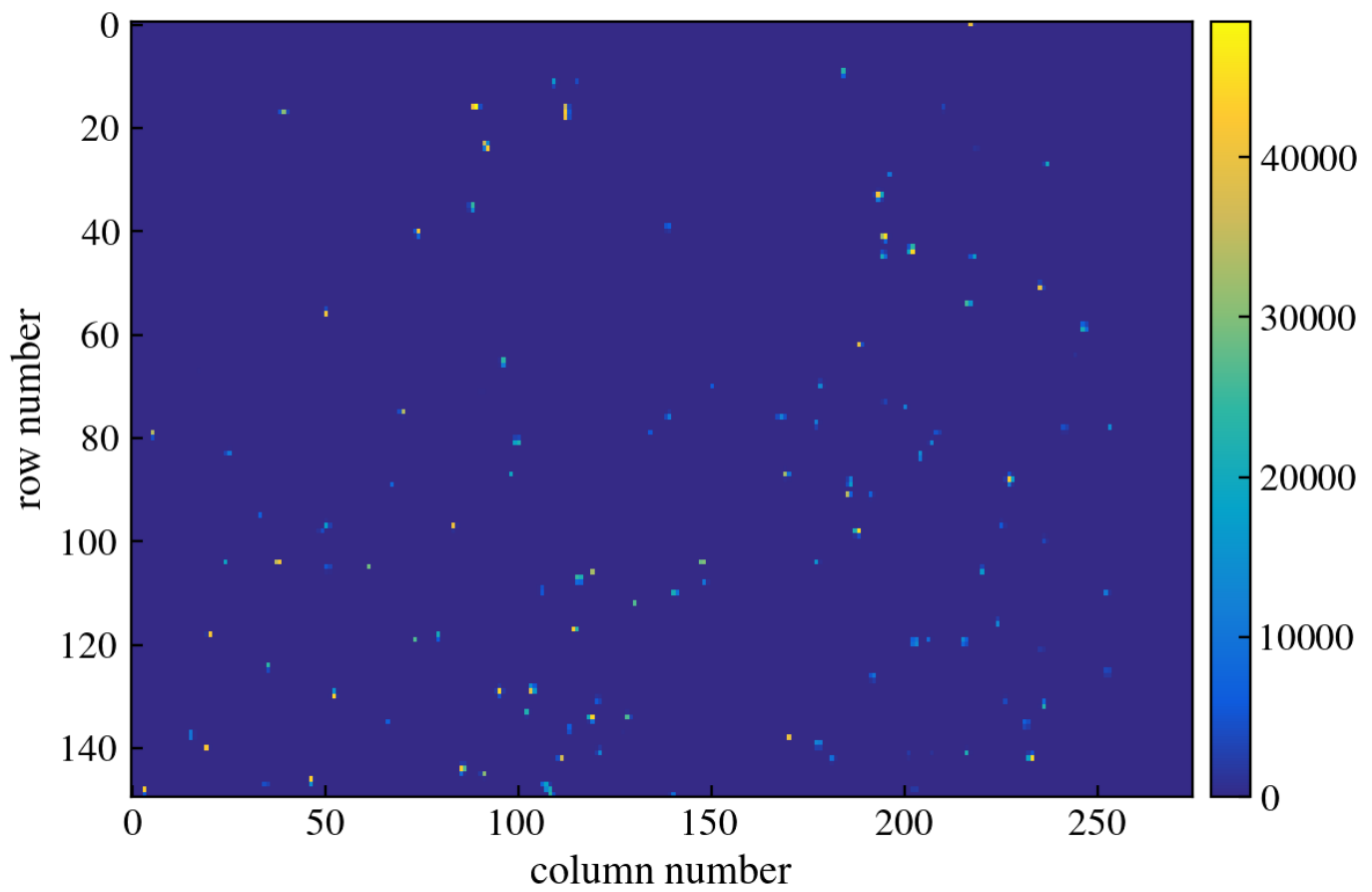


Figure 121: CCD Image

CCD Image: run 147, image 18  
[class MECCDImage]

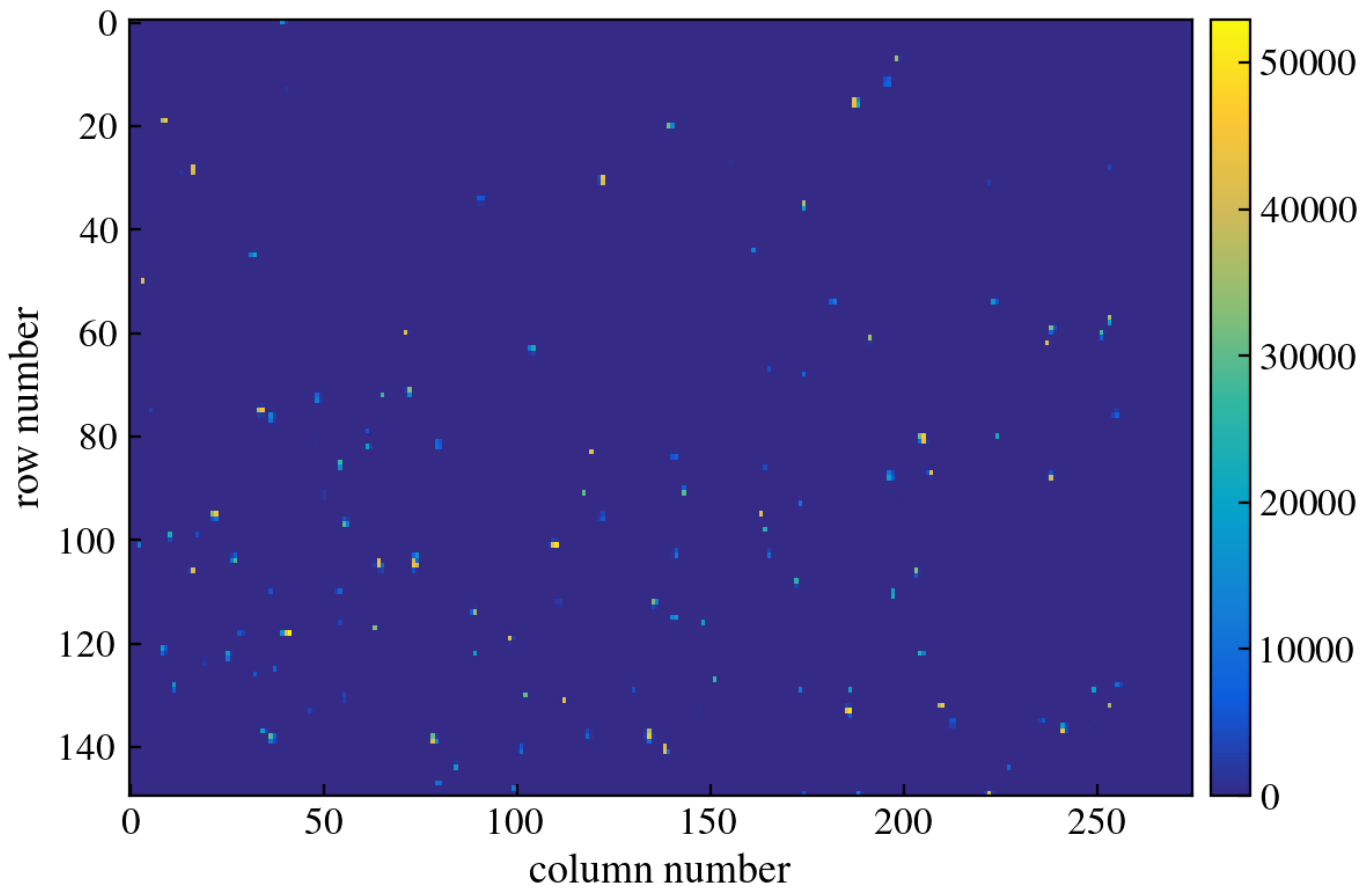


Figure 122: CCD Image

CCD Image: run 147, image 180  
[class MECCDImage]

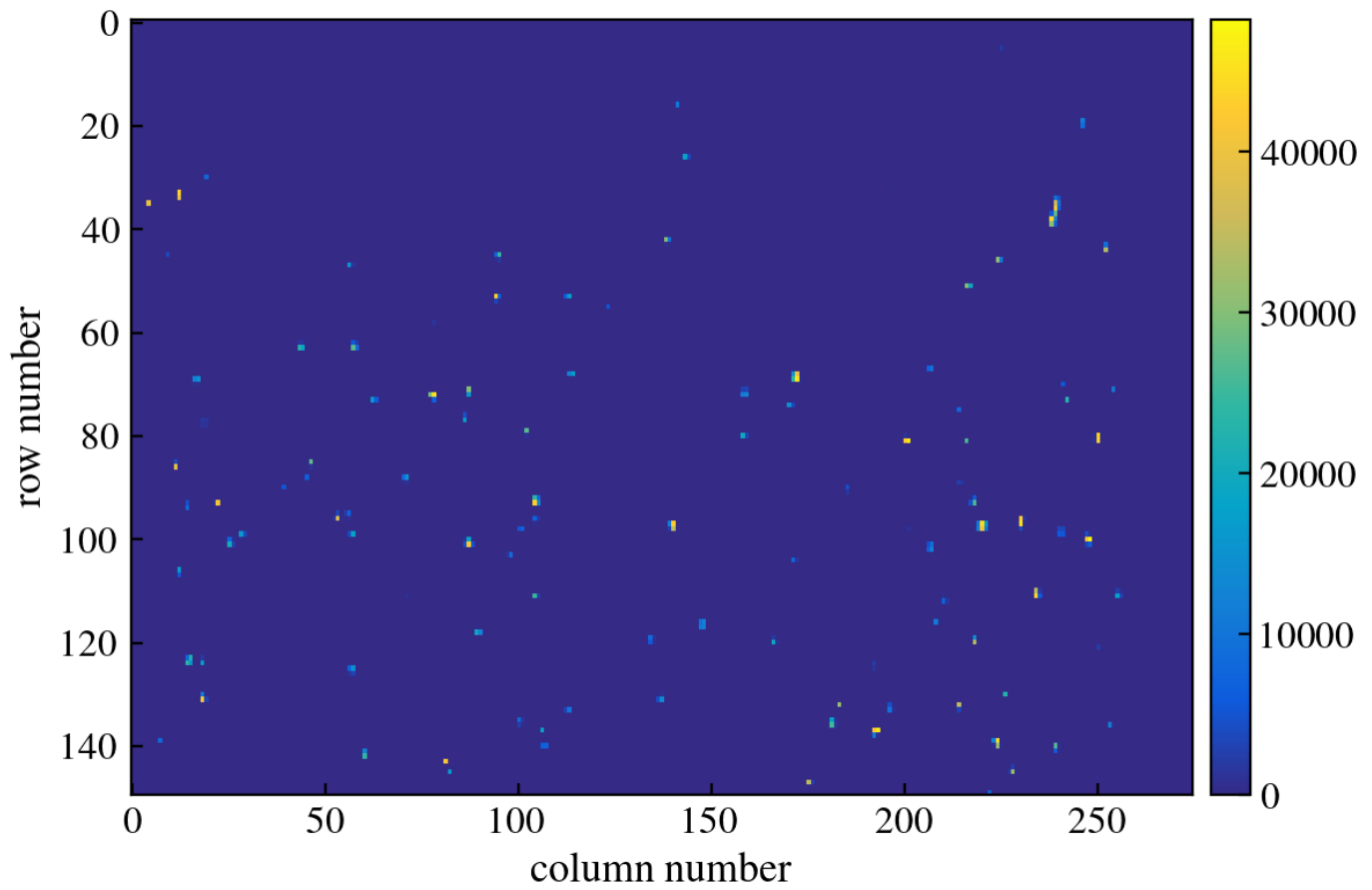


Figure 123: CCD Image



CCD Image: run 147, image 181  
[class MECCDImage]

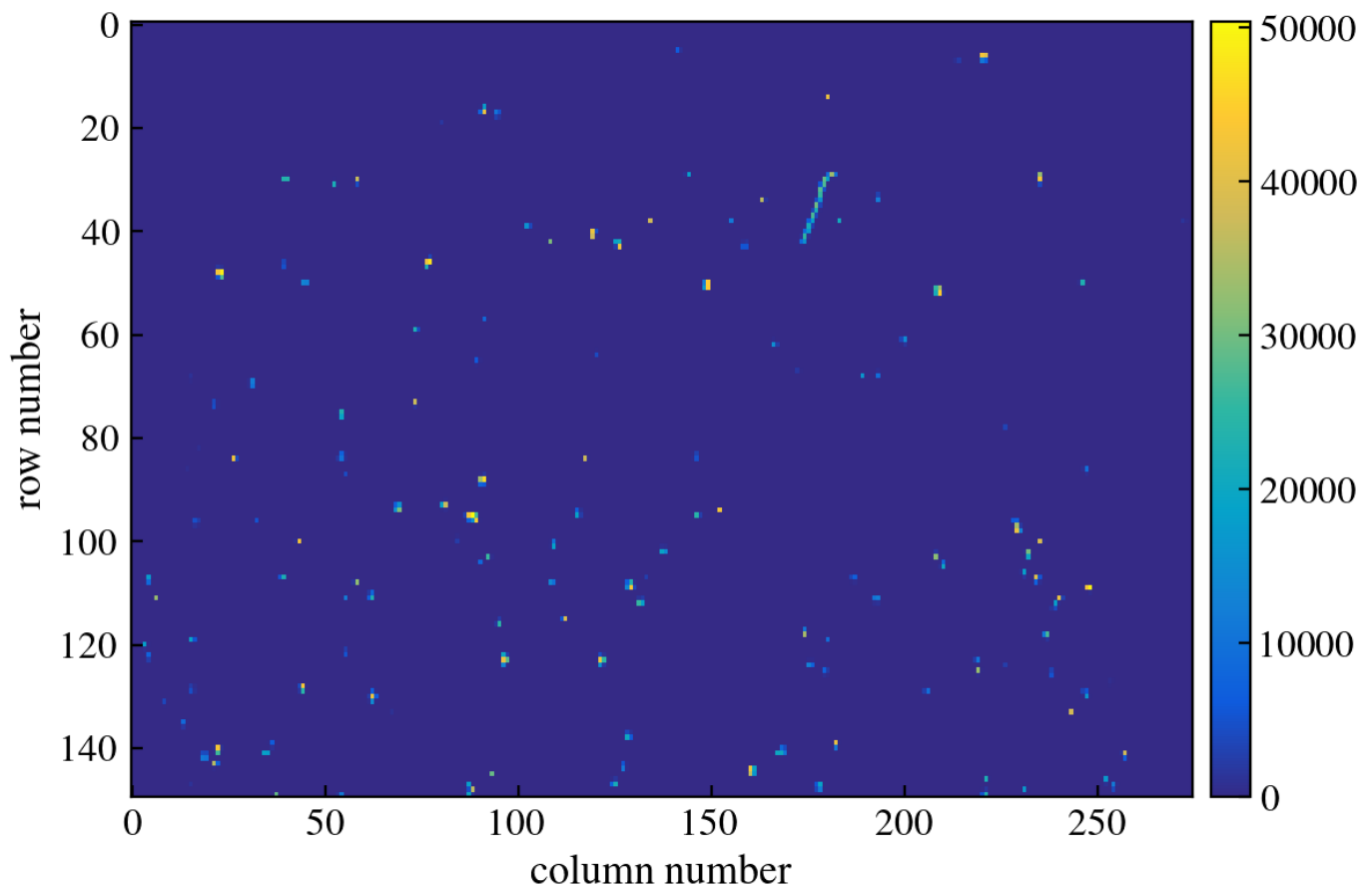


Figure 124: CCD Image

CCD Image: run 147, image 182  
[class MECCDImage]

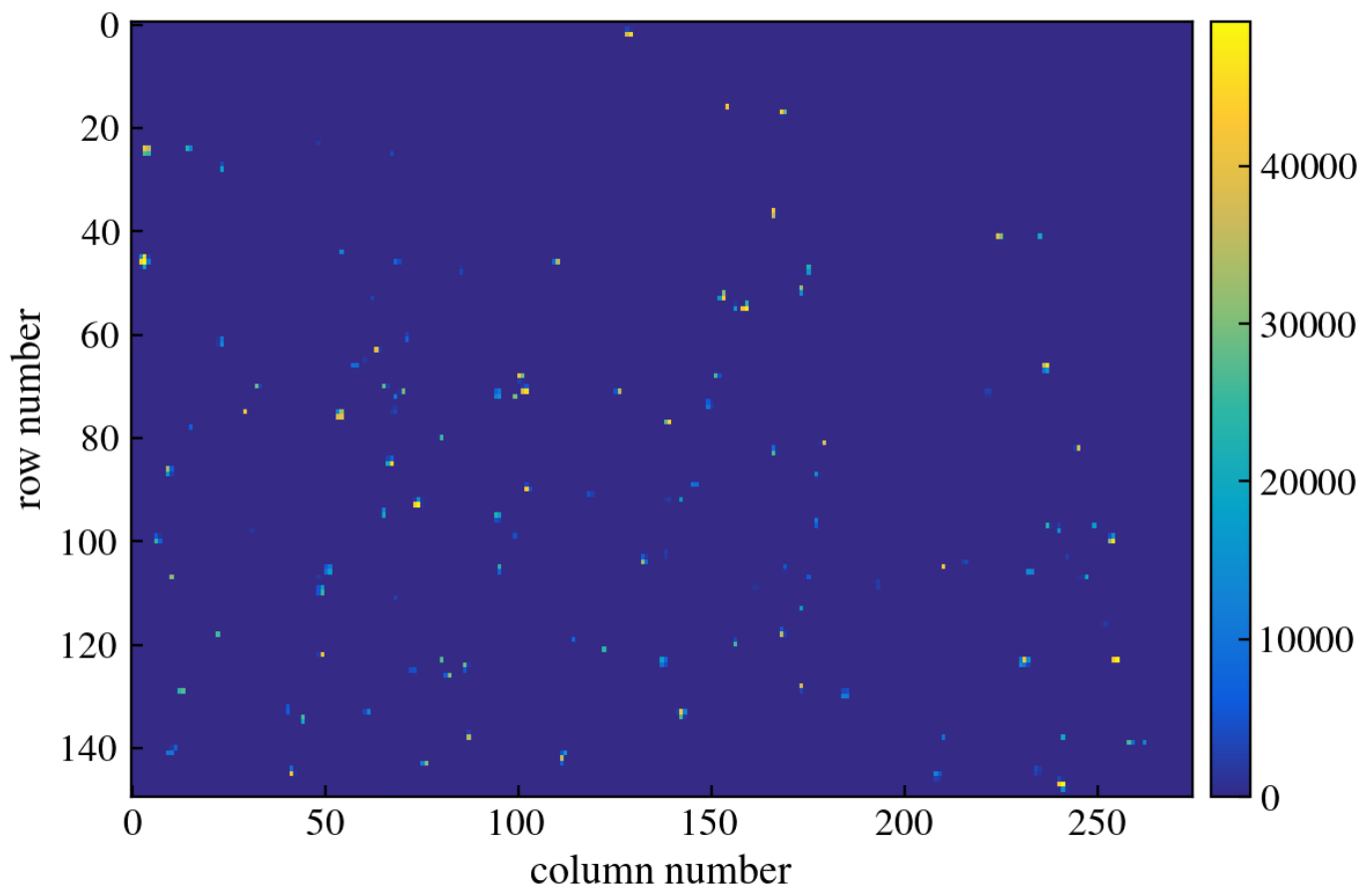


Figure 125: CCD Image

CCD Image: run 147, image 183  
[class MECCDImage]

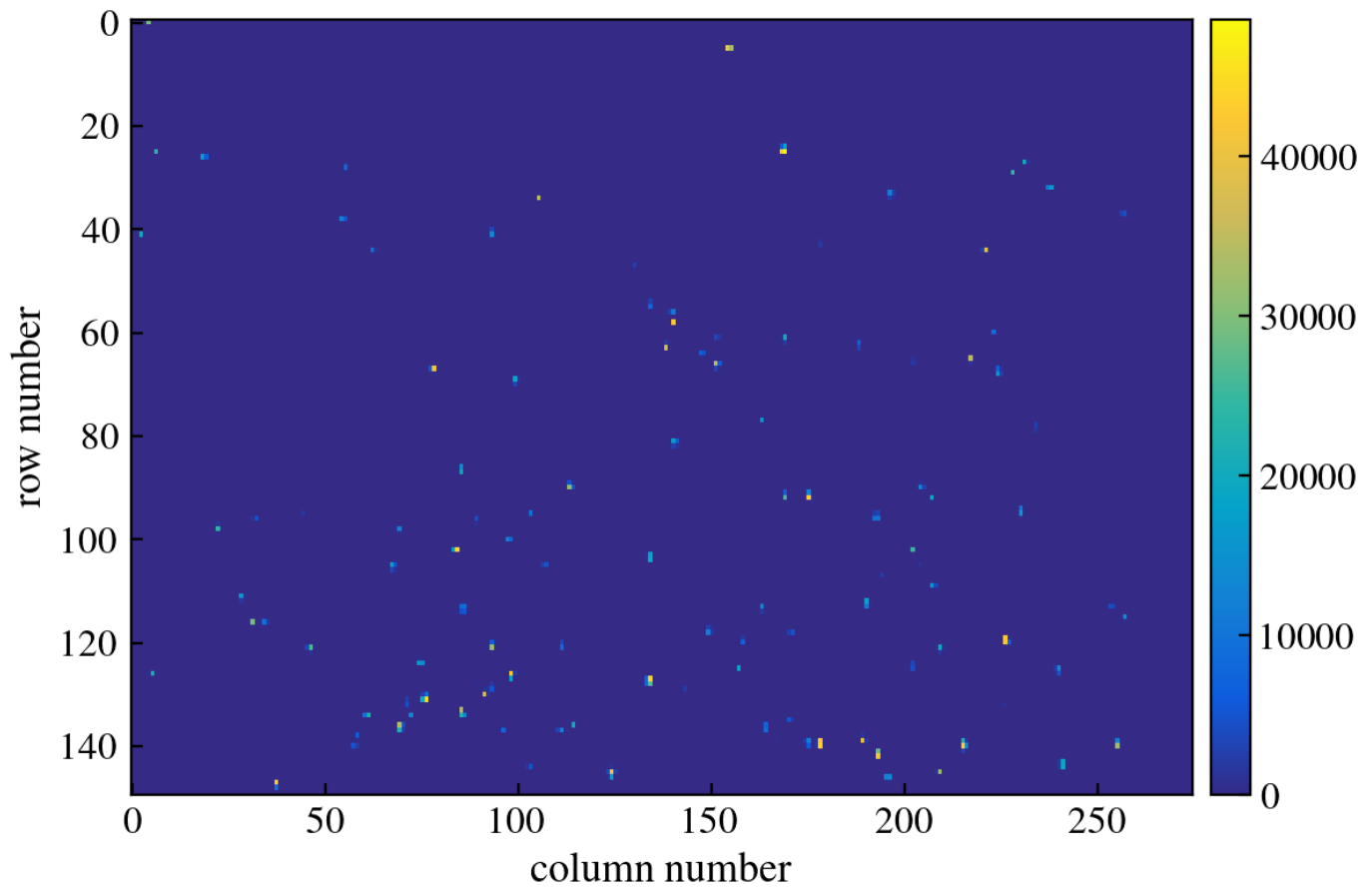


Figure 126: CCD Image

CCD Image: run 147, image 184  
[class MECCDImage]

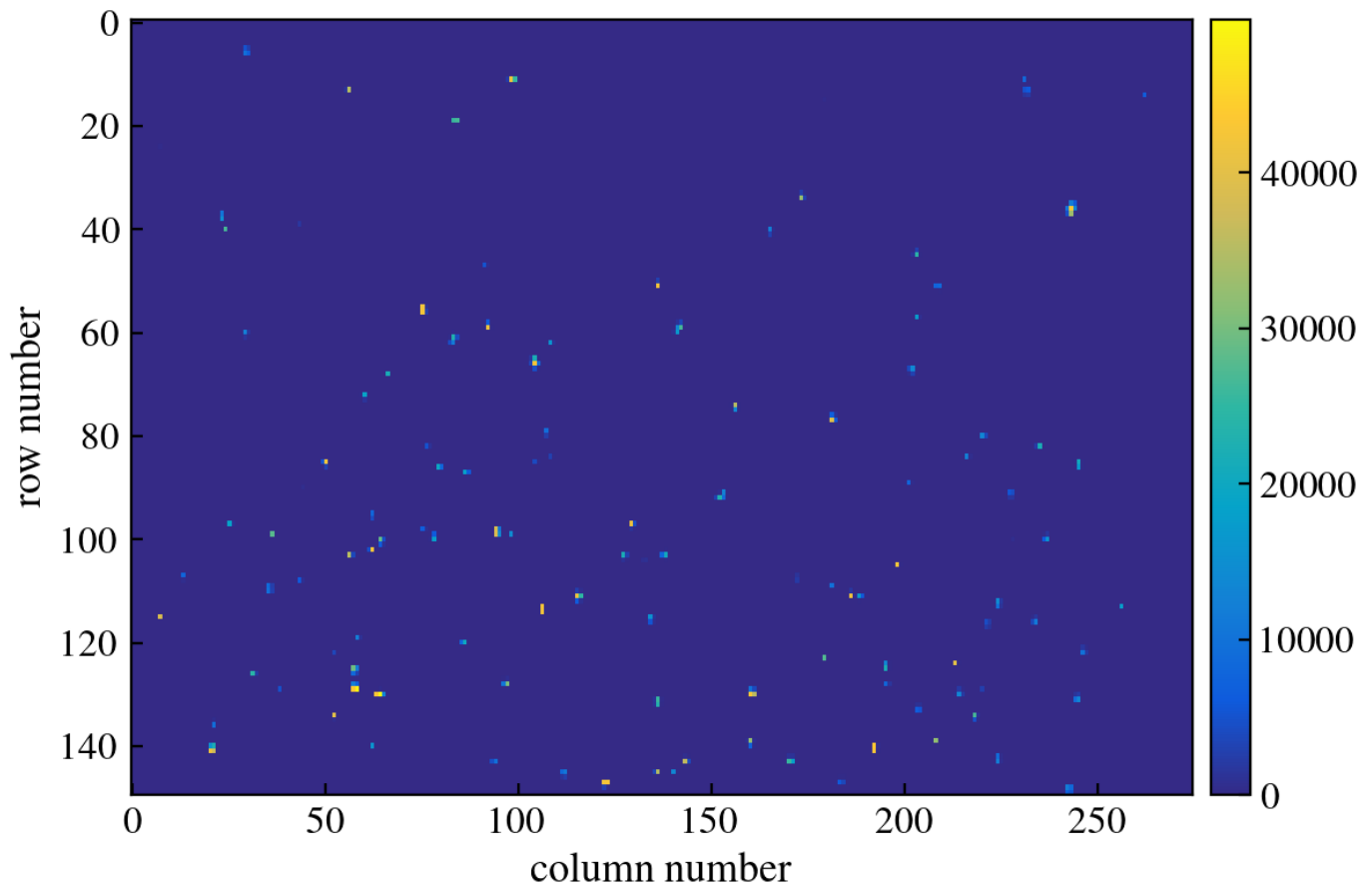


Figure 127: CCD Image

CCD Image: run 147, image 185  
[class MECCDImage]

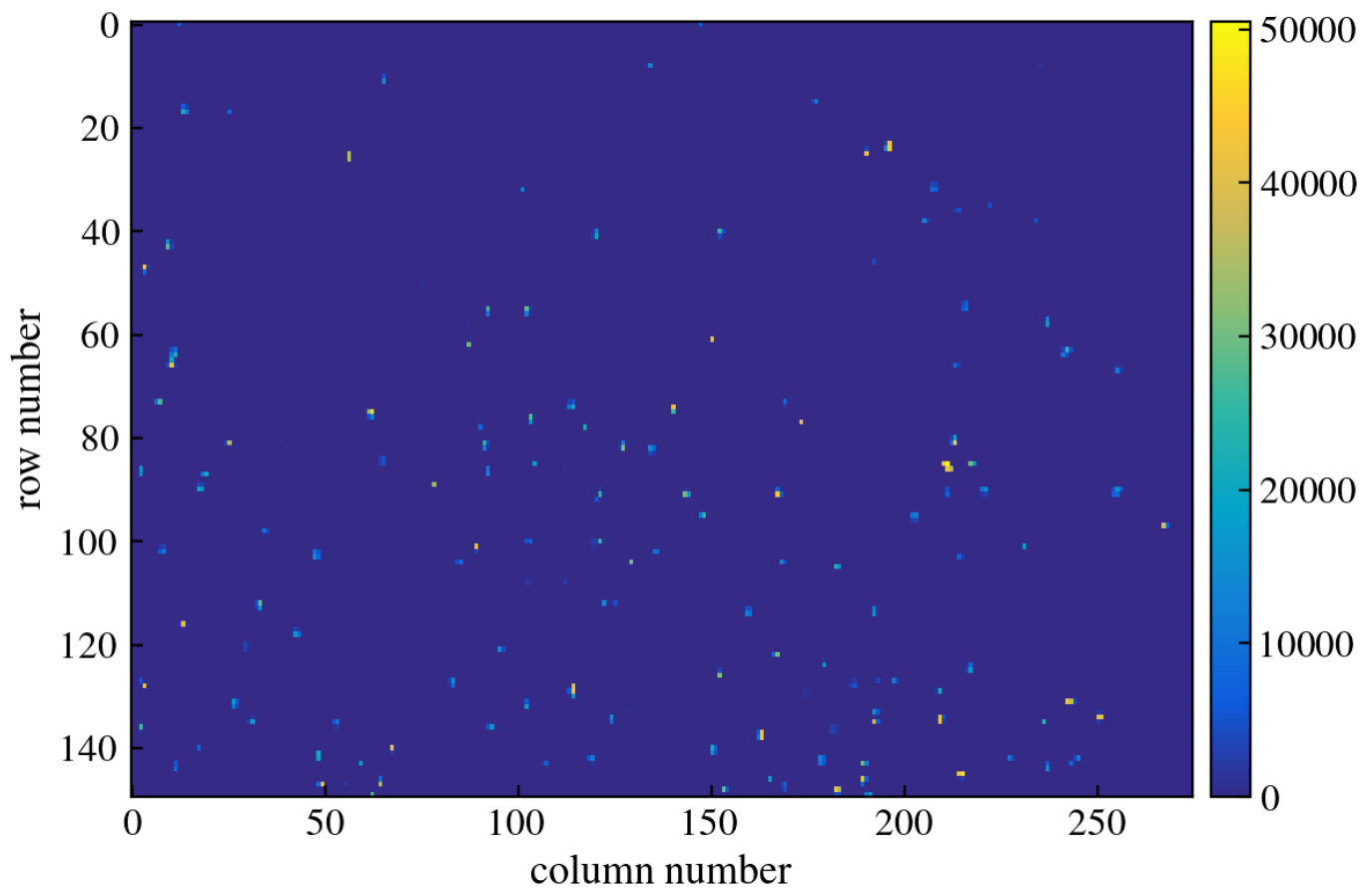


Figure 128: CCD Image

CCD Image: run 147, image 186  
[class MECCDImage]

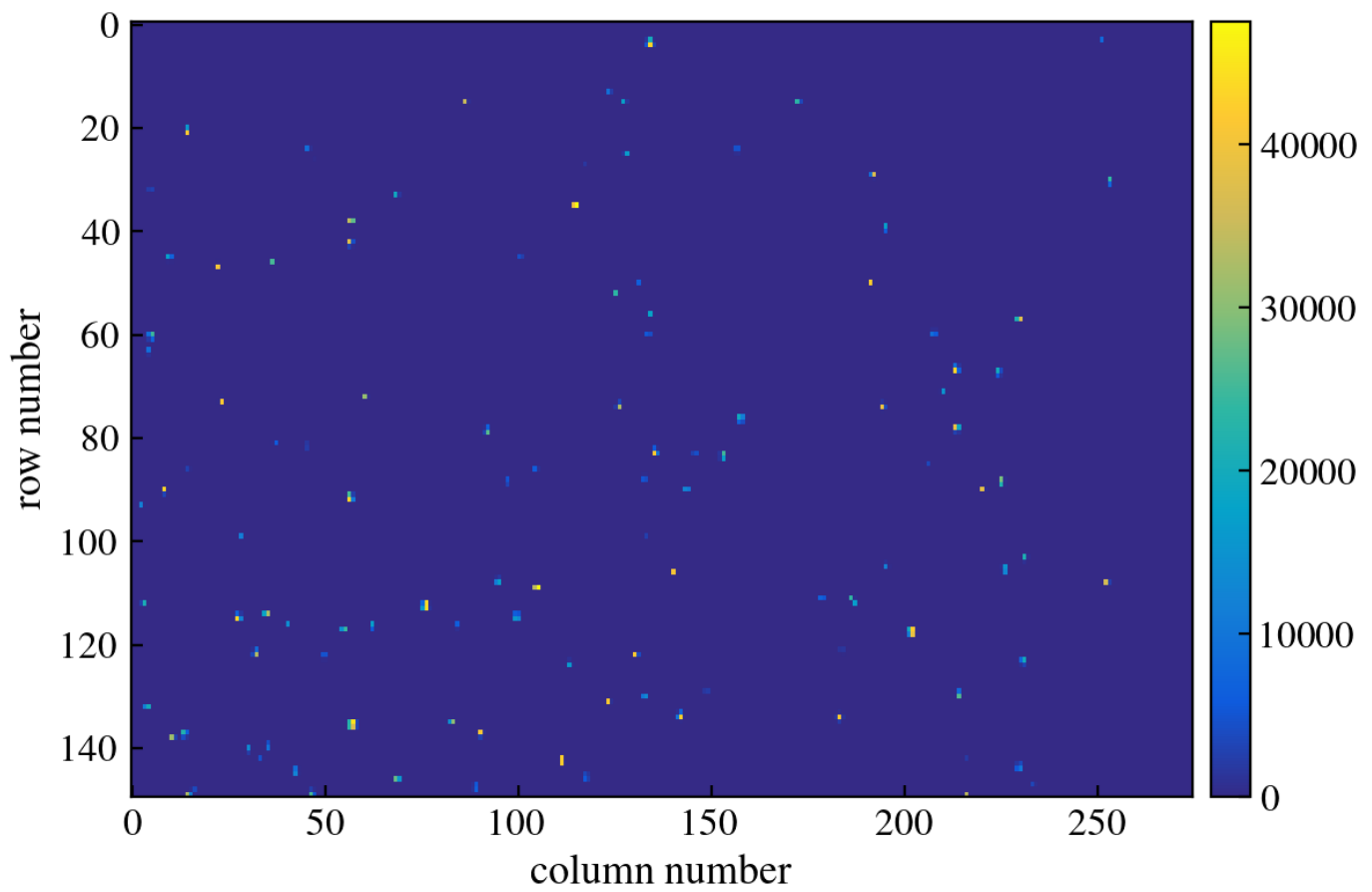


Figure 129: CCD Image

CCD Image: run 147, image 187  
[class MECCDImage]

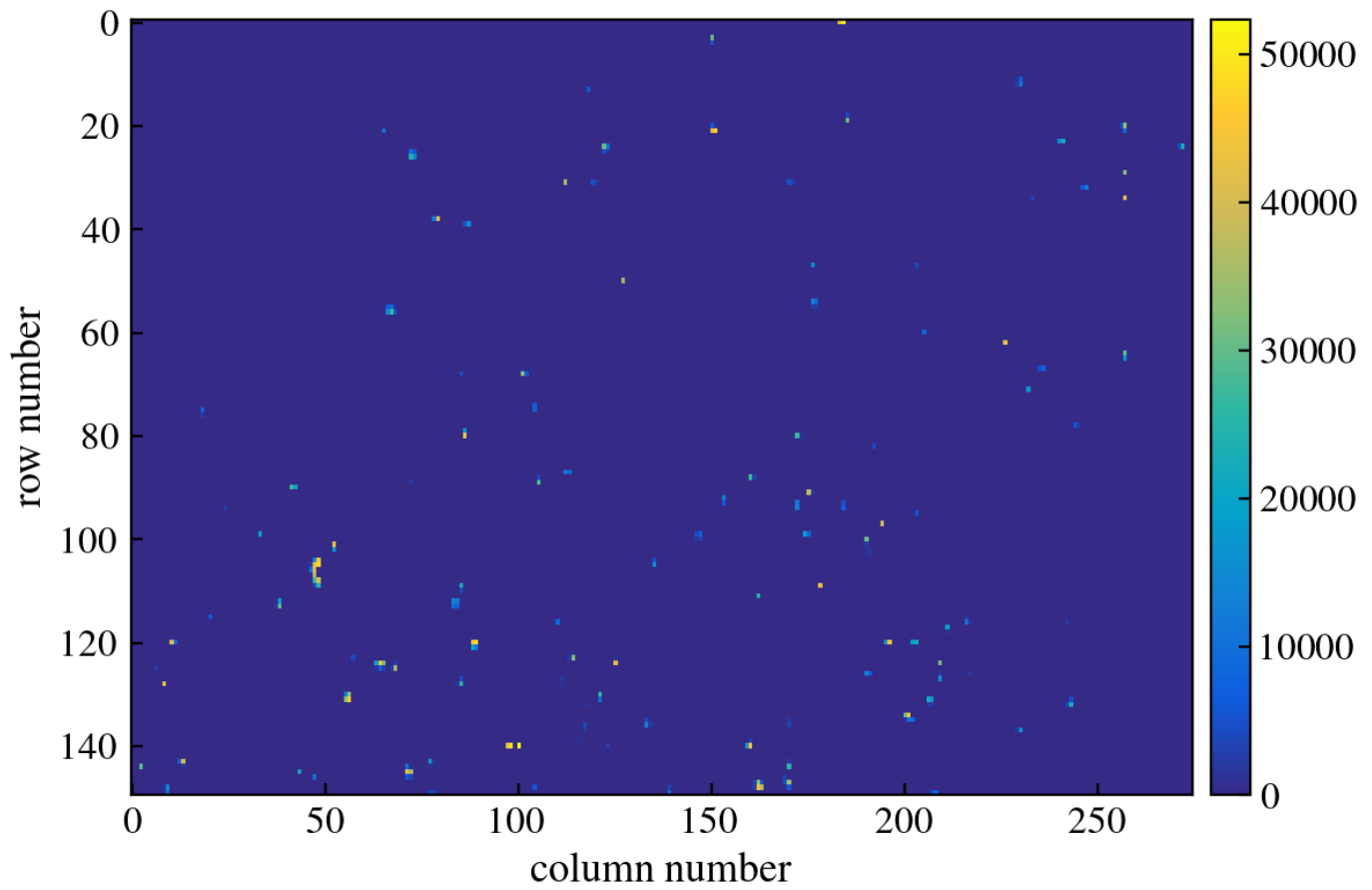


Figure 130: CCD Image

CCD Image: run 147, image 188  
[class MECCDImage]

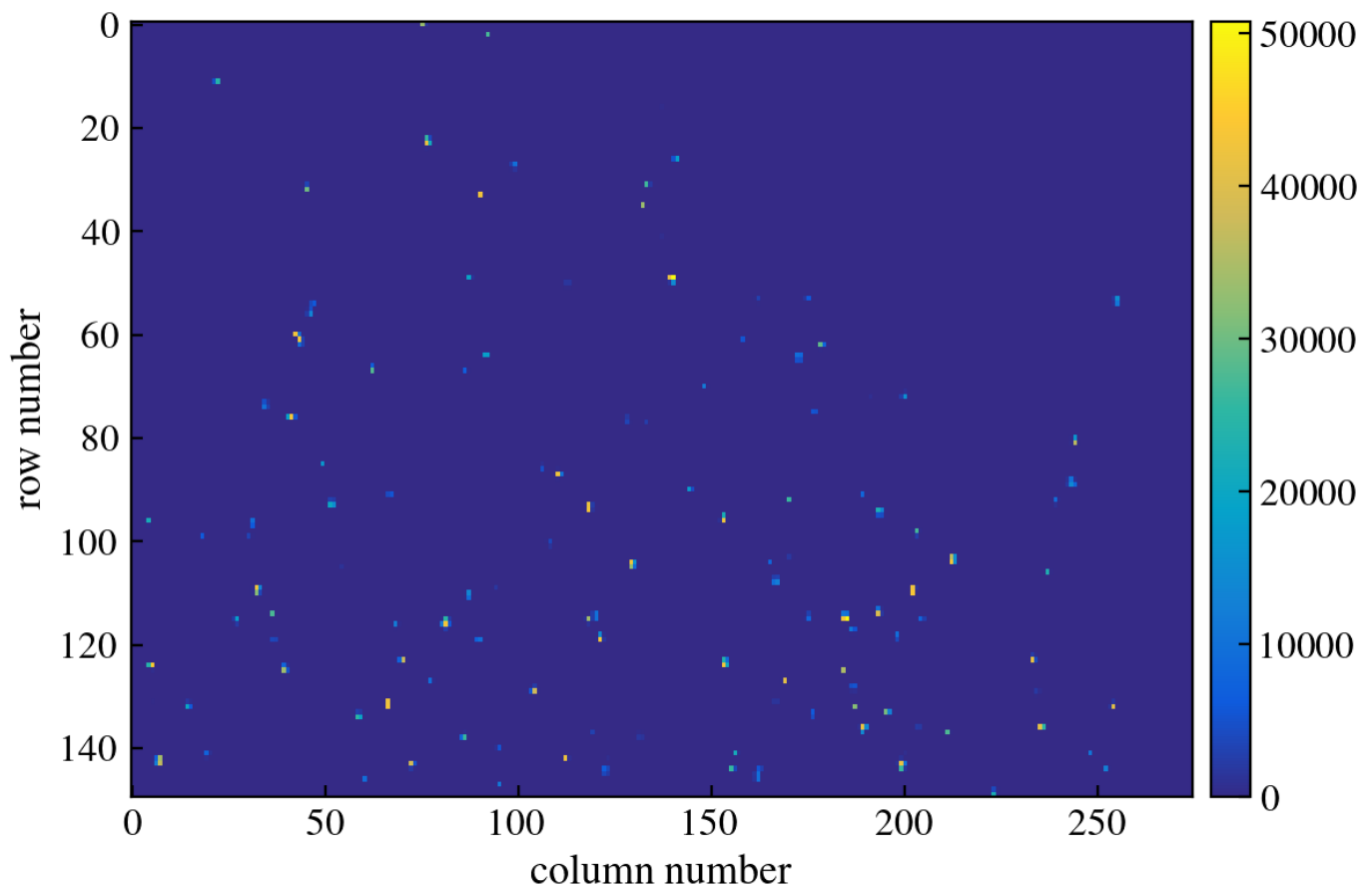


Figure 131: CCD Image



CCD Image: run 147, image 189  
[class MECCDImage]

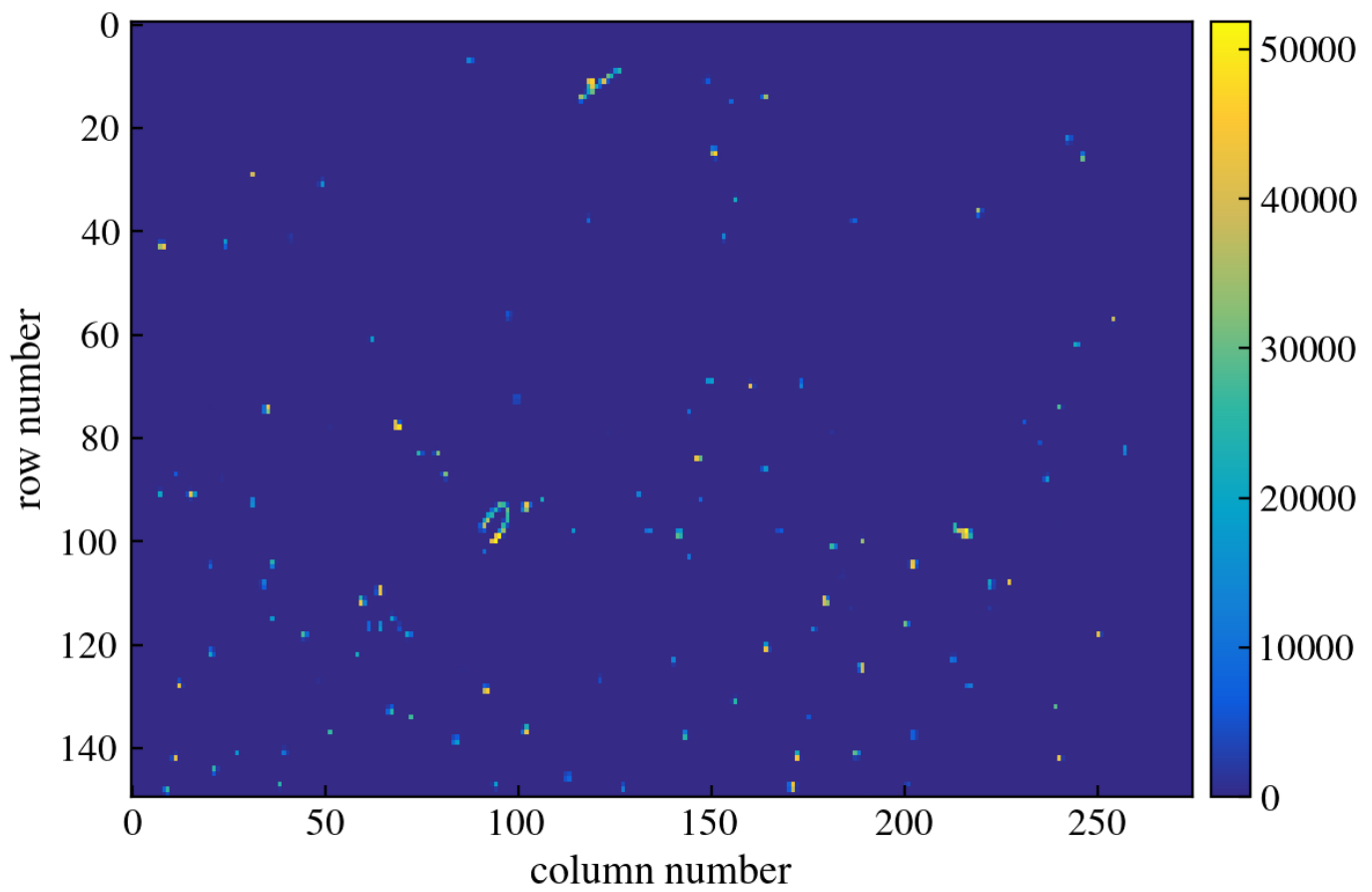


Figure 132: CCD Image

CCD Image: run 147, image 19  
[class MECCDImage]

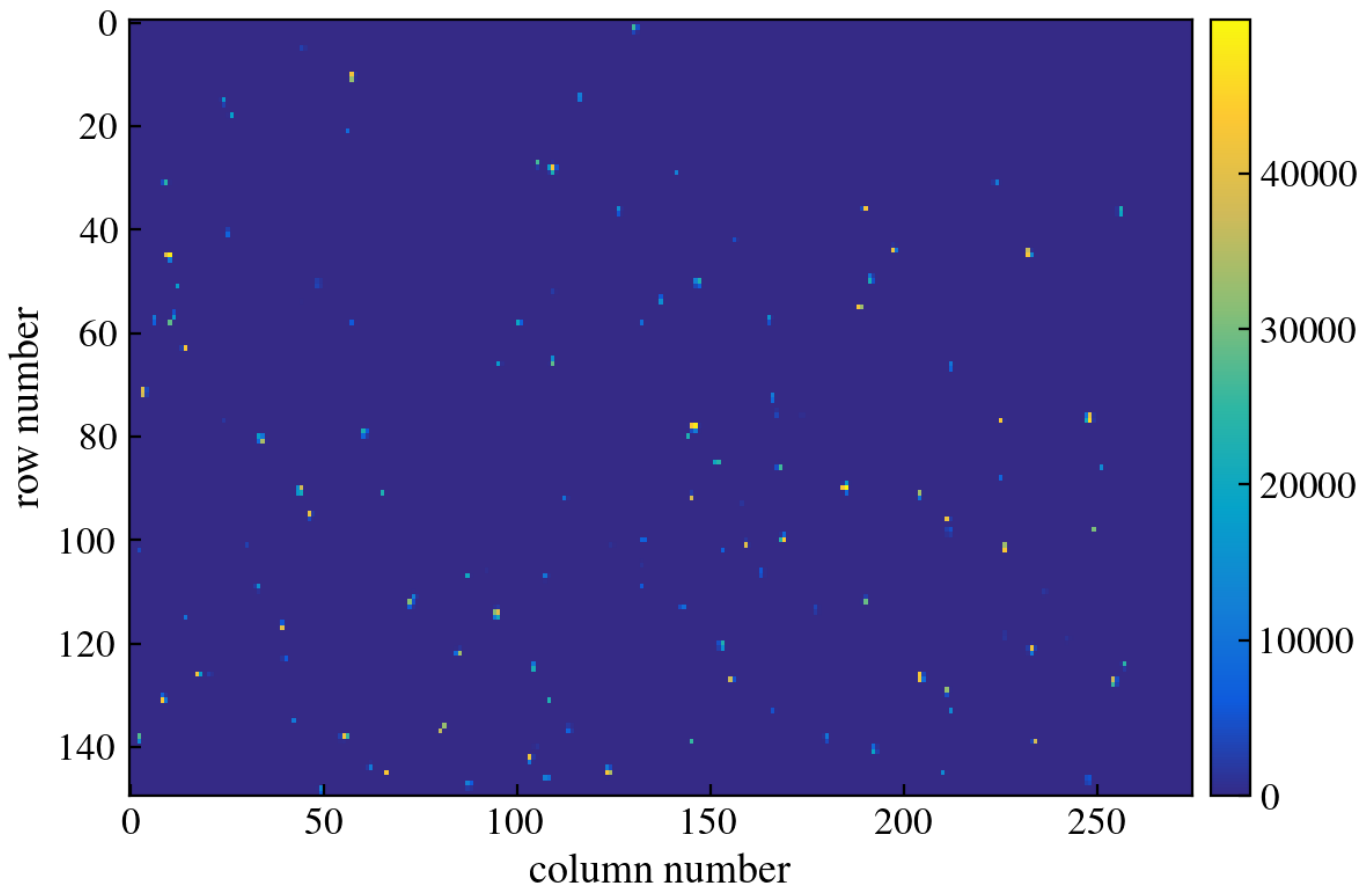


Figure 133: CCD Image

CCD Image: run 147, image 190  
[class MECCDImage]

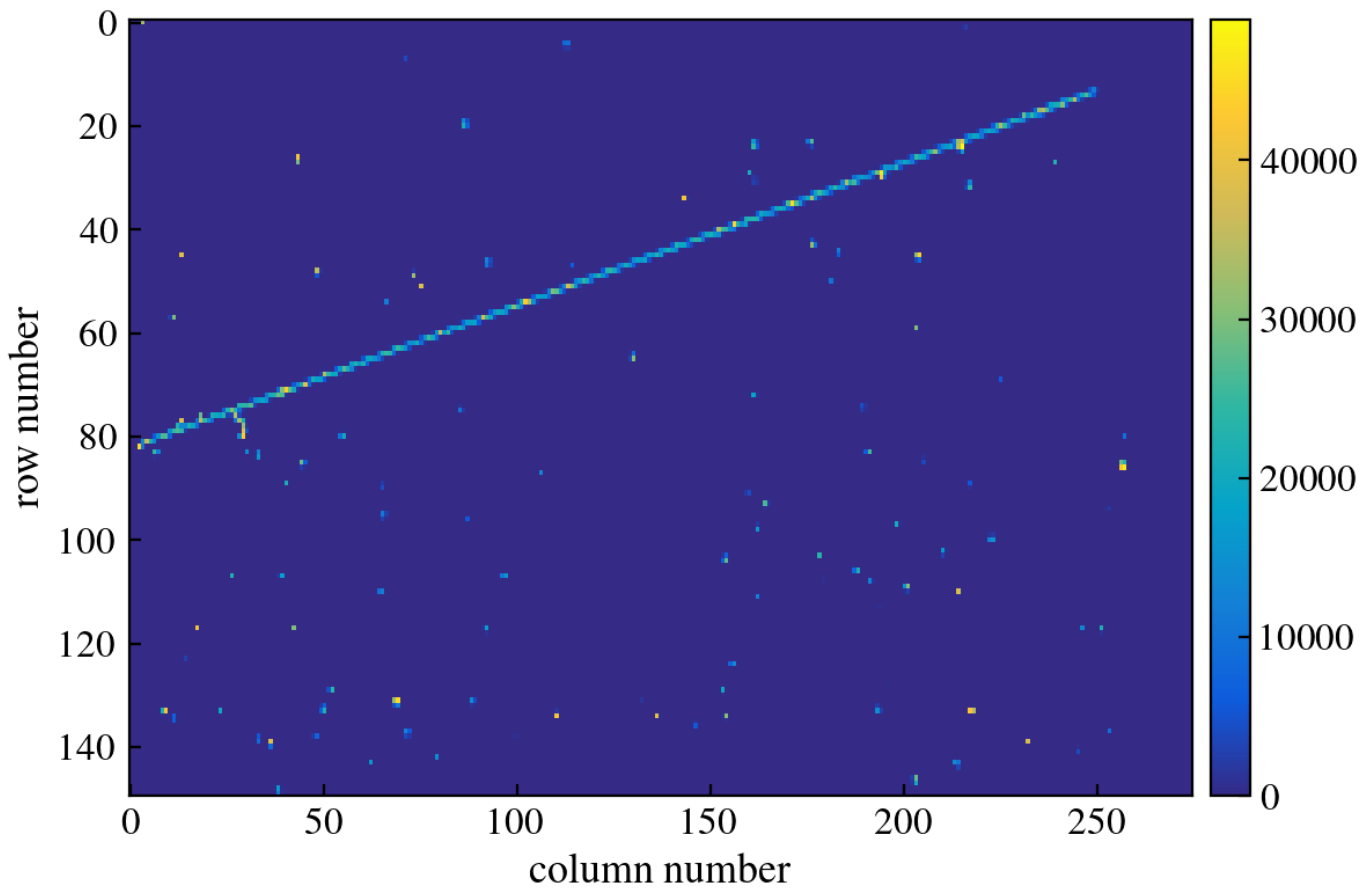


Figure 134: CCD Image

CCD Image: run 147, image 191  
[class MECCDImage]

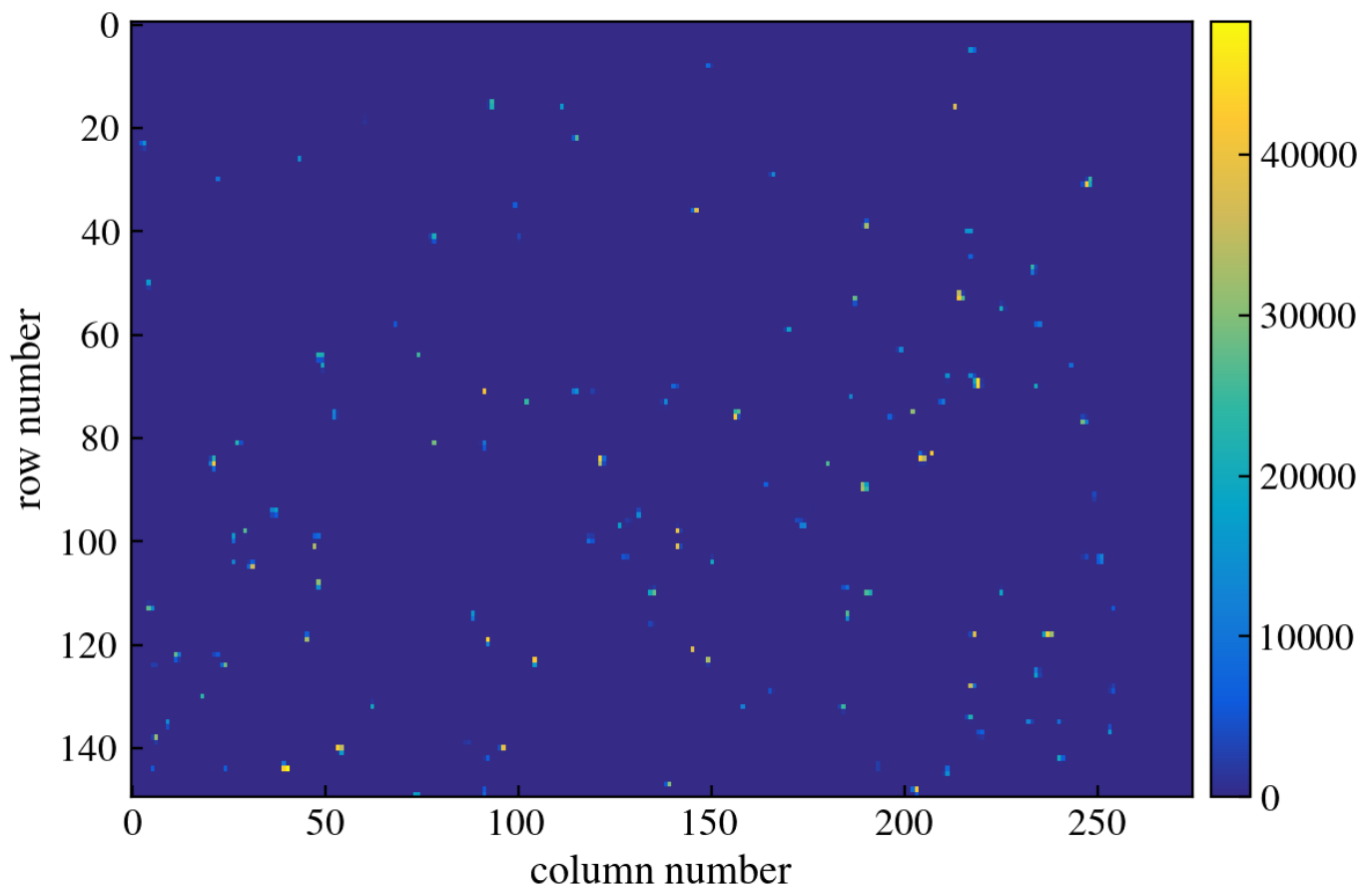


Figure 135: CCD Image

CCD Image: run 147, image 192  
[class MECCDImage]

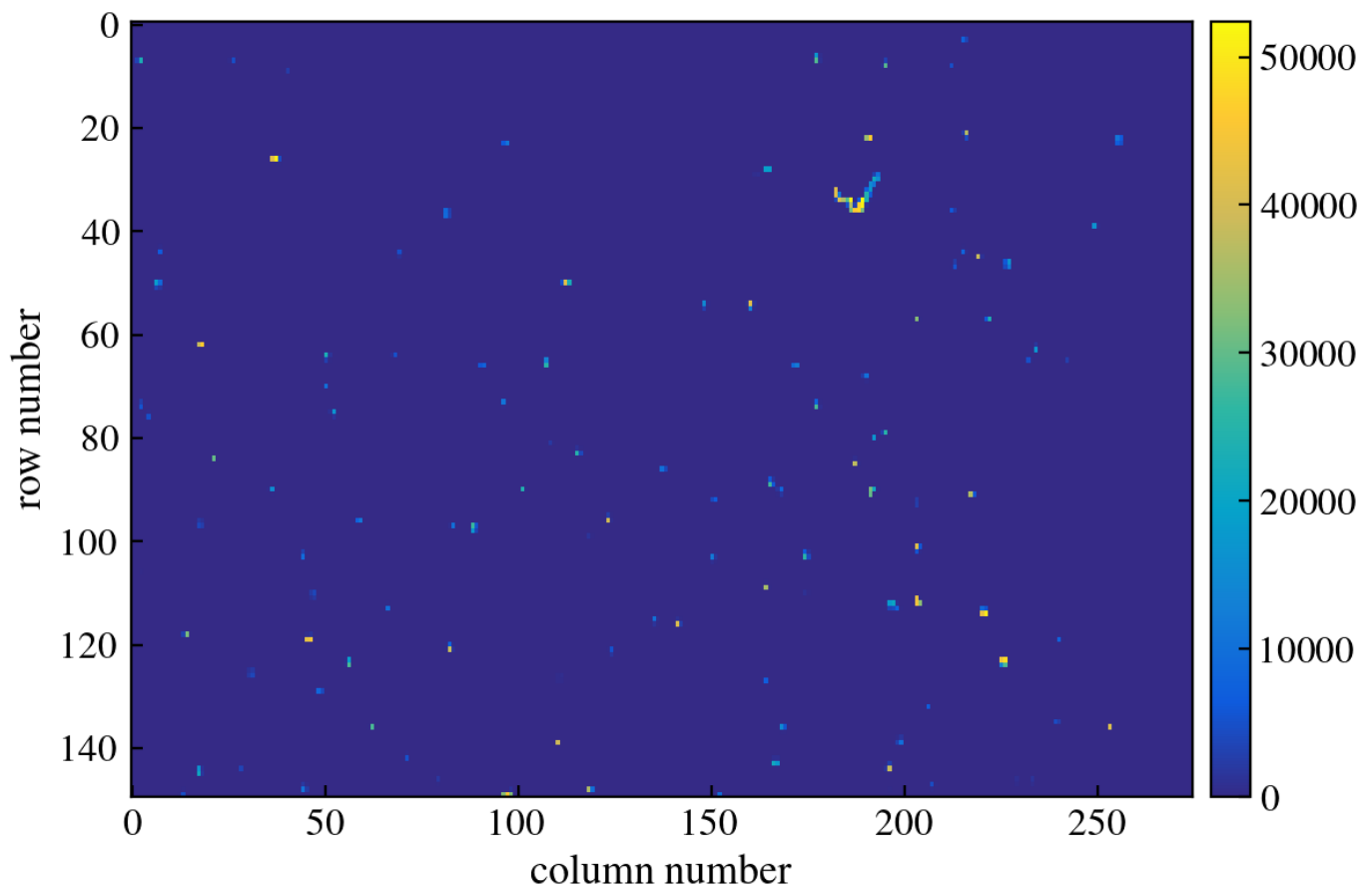


Figure 136: CCD Image

CCD Image: run 147, image 193  
[class MECCDImage]

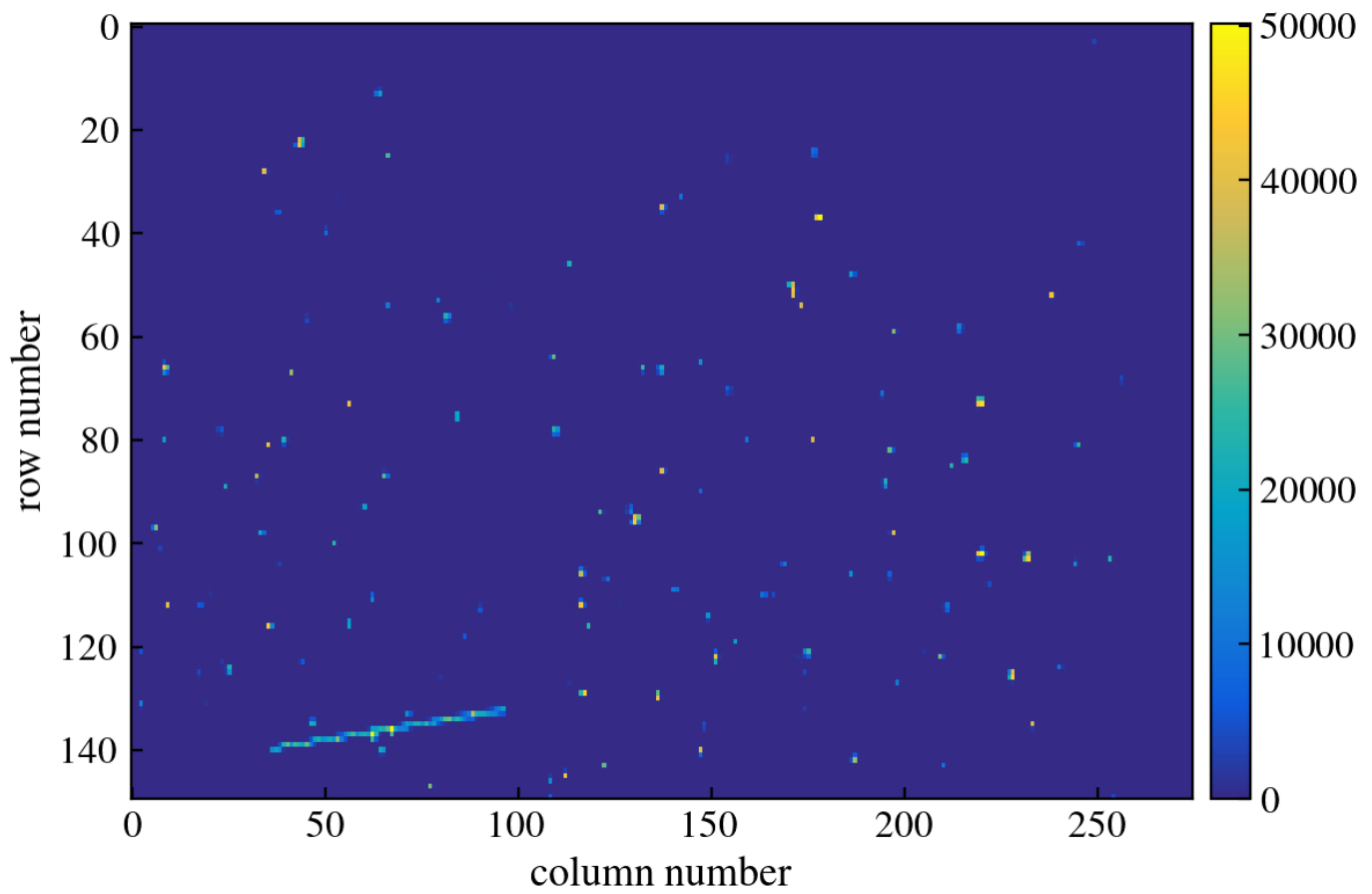


Figure 137: CCD Image

CCD Image: run 147, image 194  
[class MECCDImage]

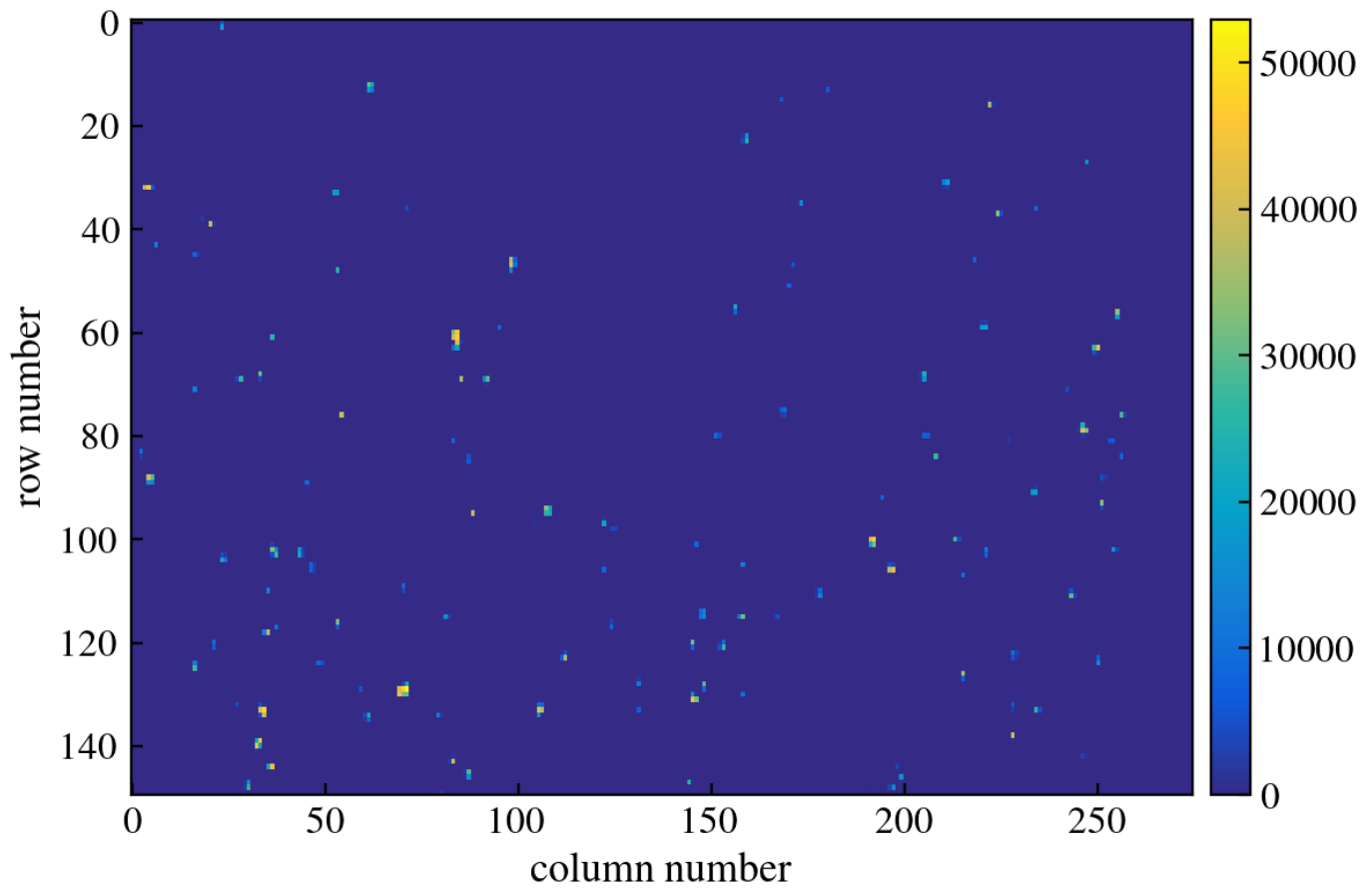


Figure 138: CCD Image

CCD Image: run 147, image 195  
[class MECCDImage]

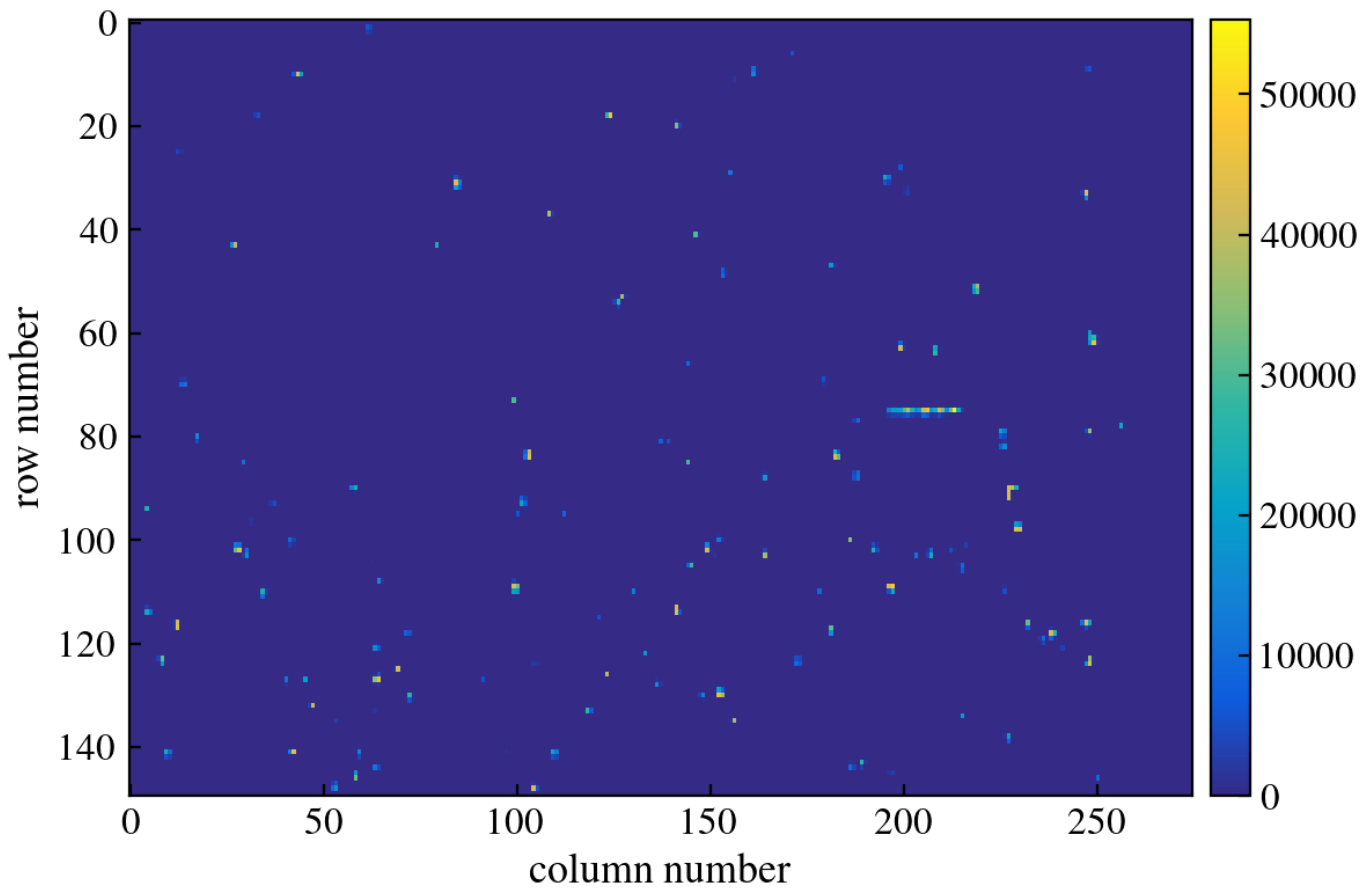


Figure 139: CCD Image



CCD Image: run 147, image 196  
[class MECCDImage]

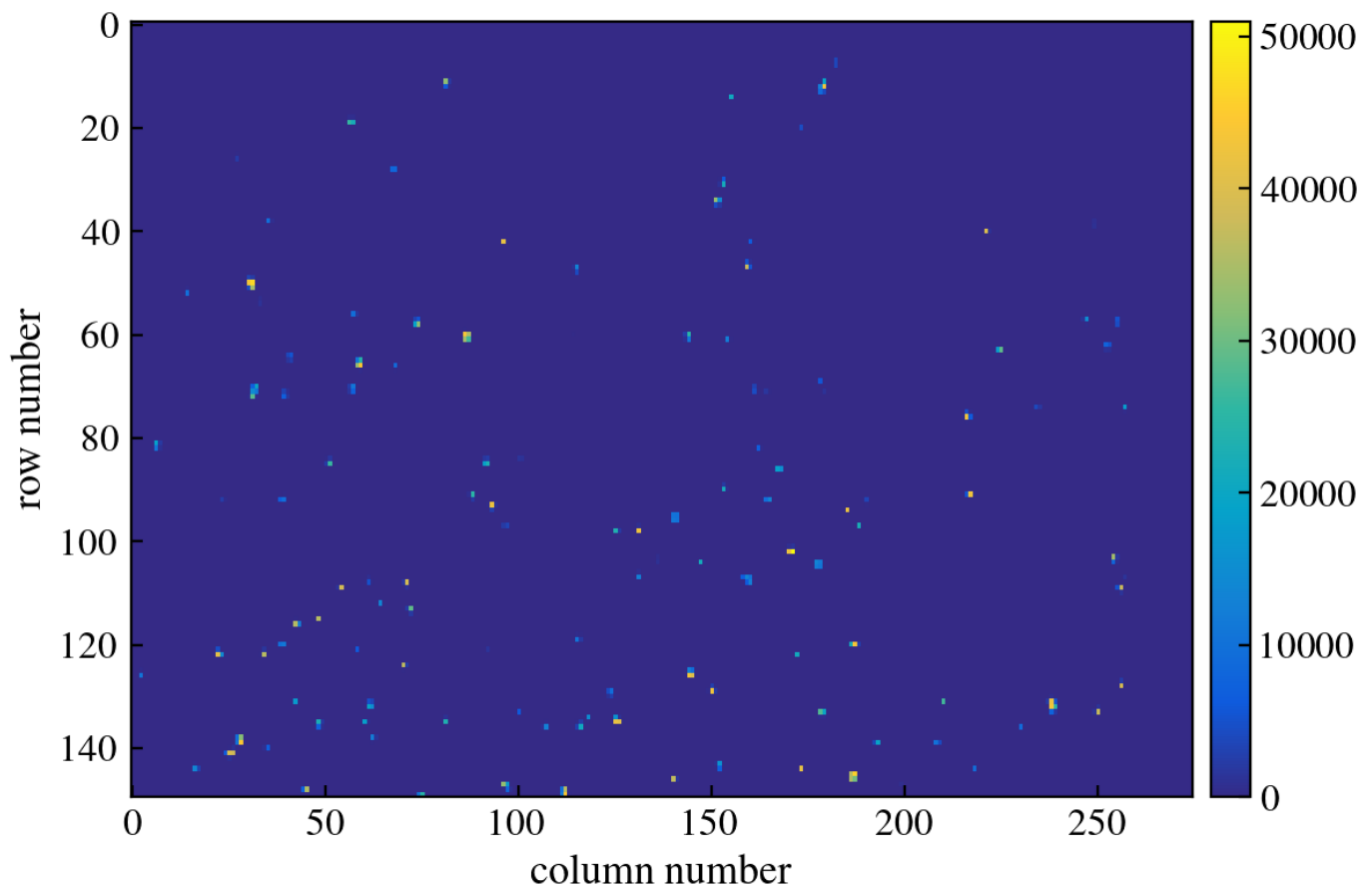


Figure 140: CCD Image

CCD Image: run 147, image 197  
[class MECCDImage]

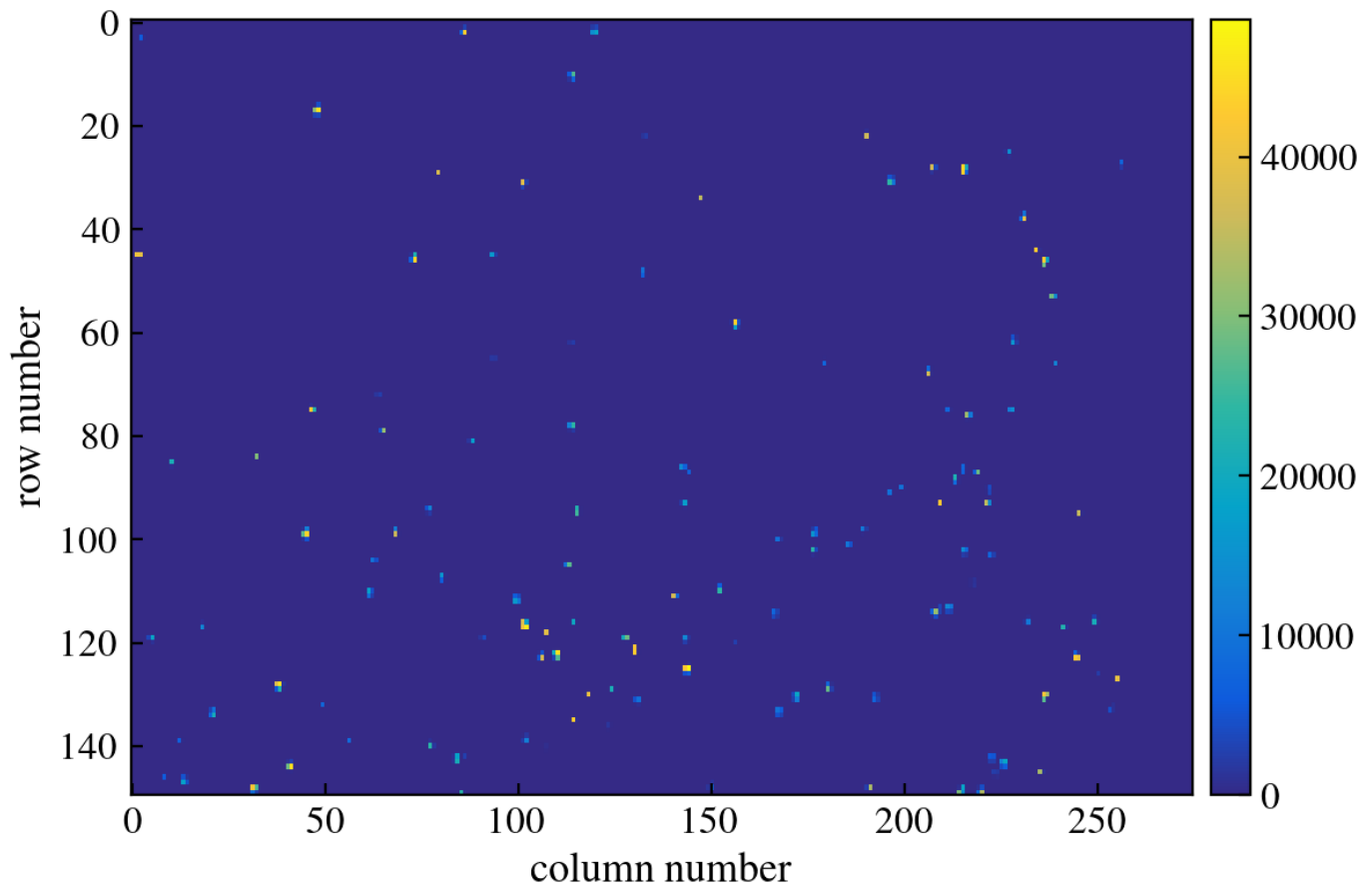


Figure 141: CCD Image

CCD Image: run 147, image 198  
[class MECCDImage]

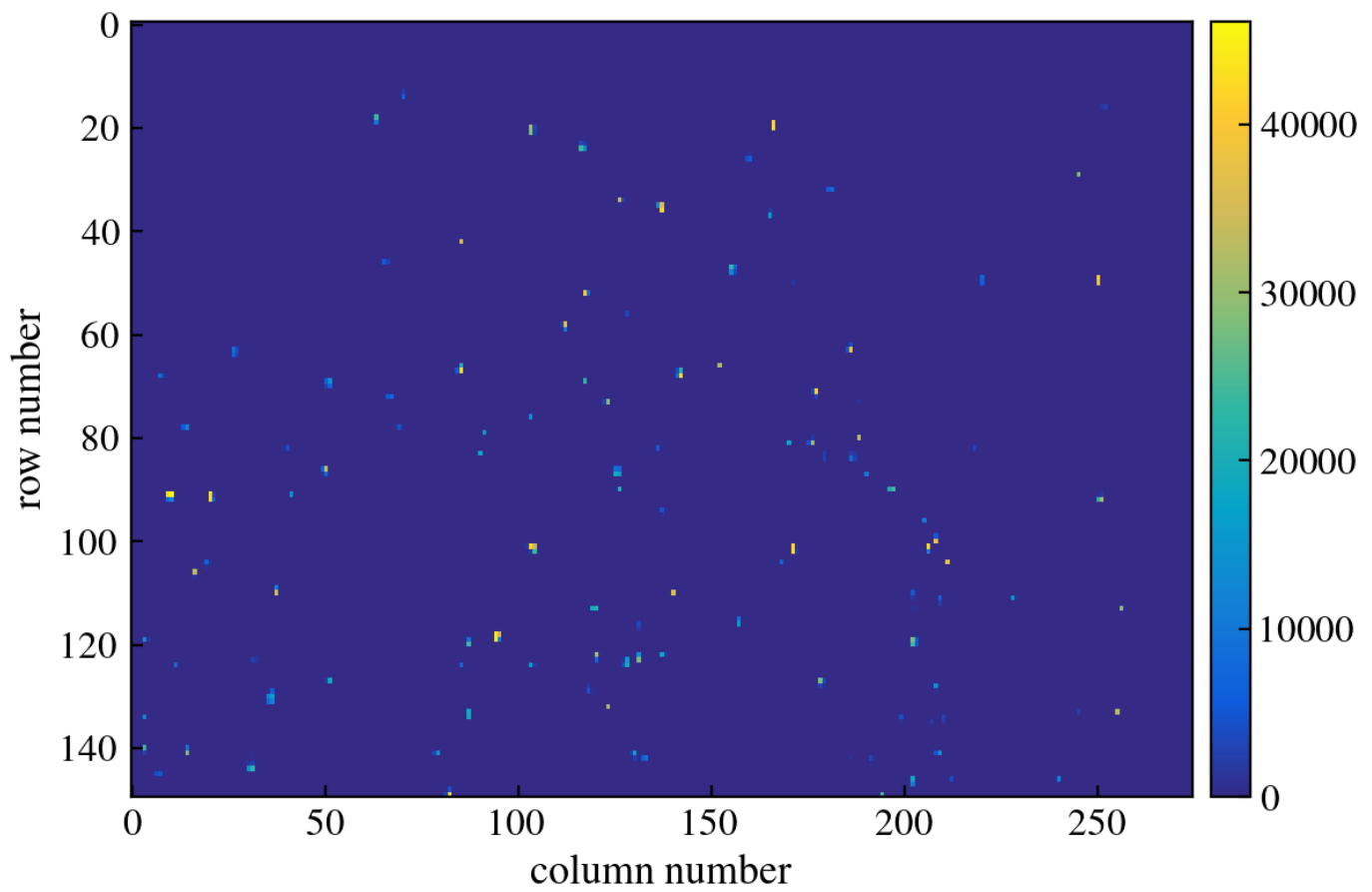


Figure 142: CCD Image

CCD Image: run 147, image 199  
[class MECCDImage]

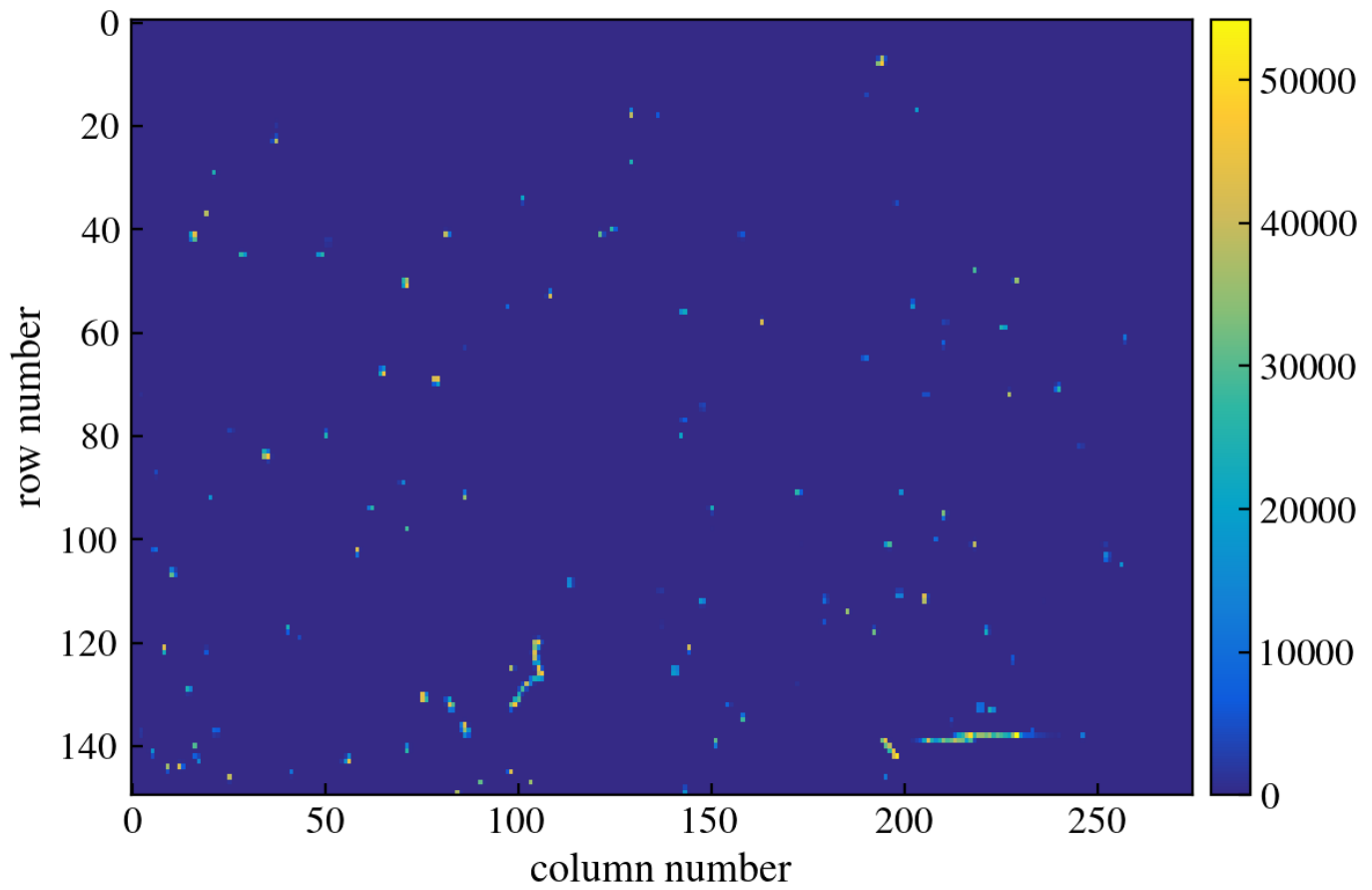


Figure 143: CCD Image

CCD Image: run 147, image 2  
[class MECCDImage]

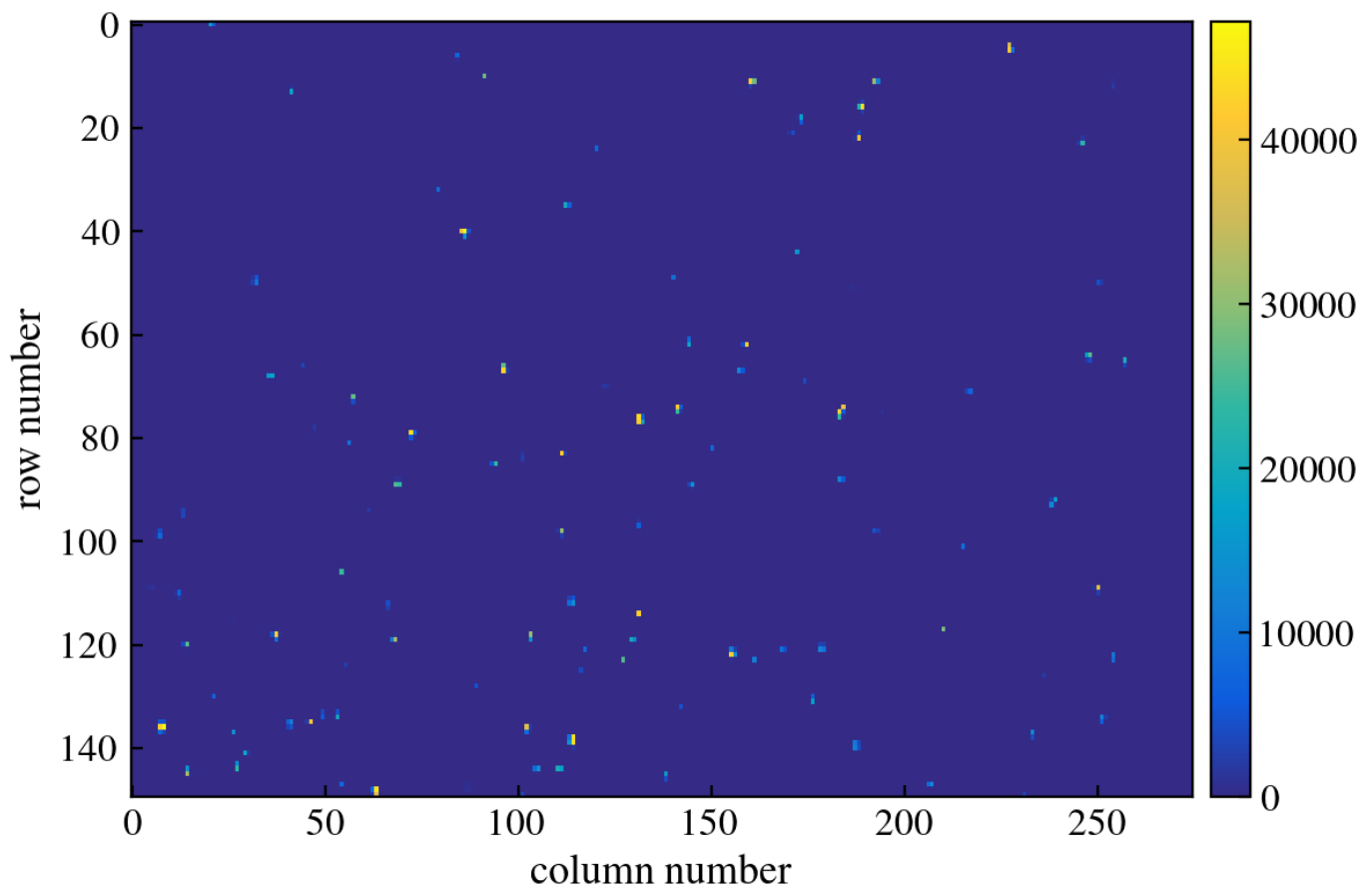


Figure 144: CCD Image

CCD Image: run 147, image 20  
[class MECCDImage]

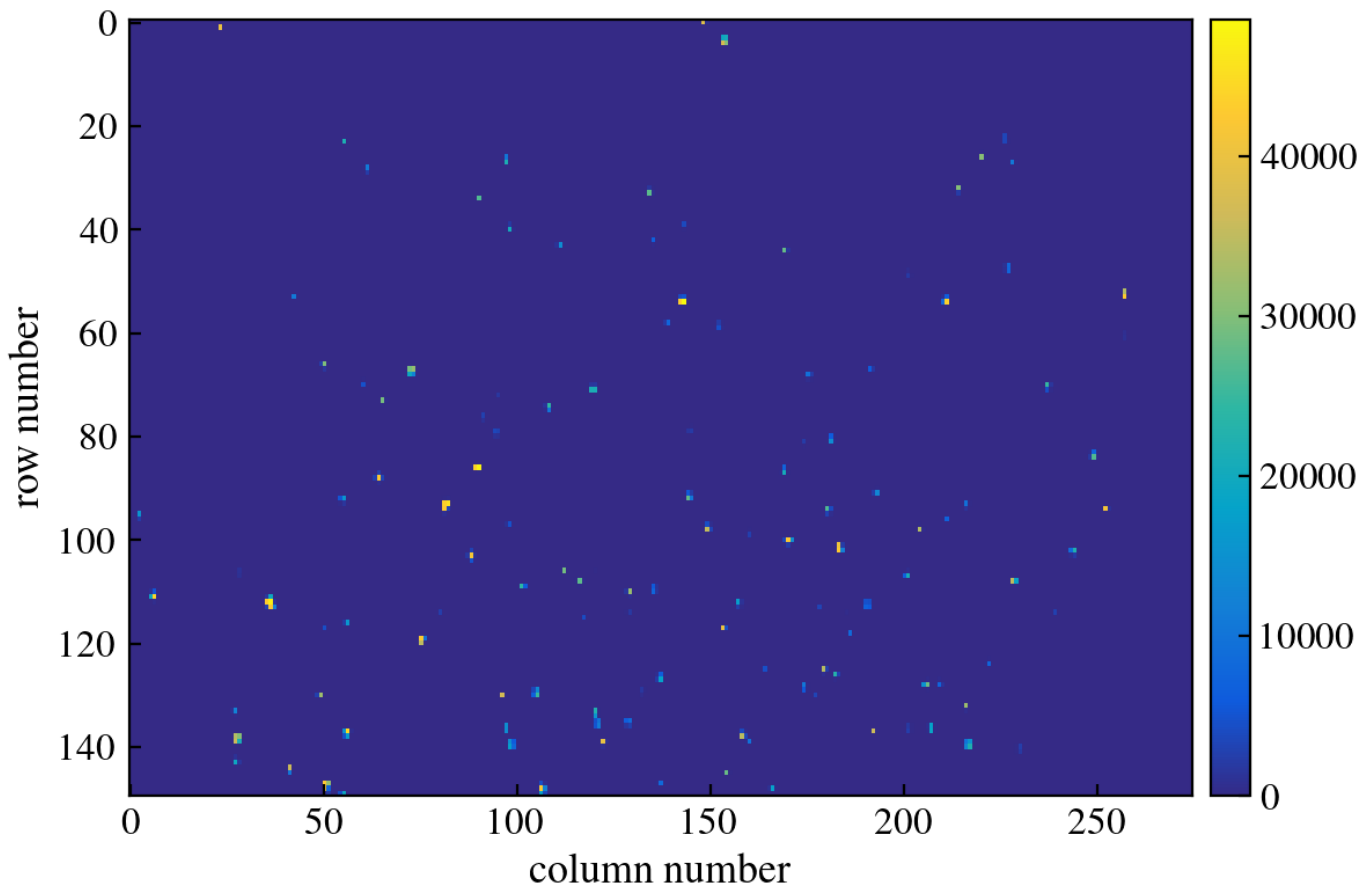


Figure 145: CCD Image

CCD Image: run 147, image 200  
[class MECCDImage]

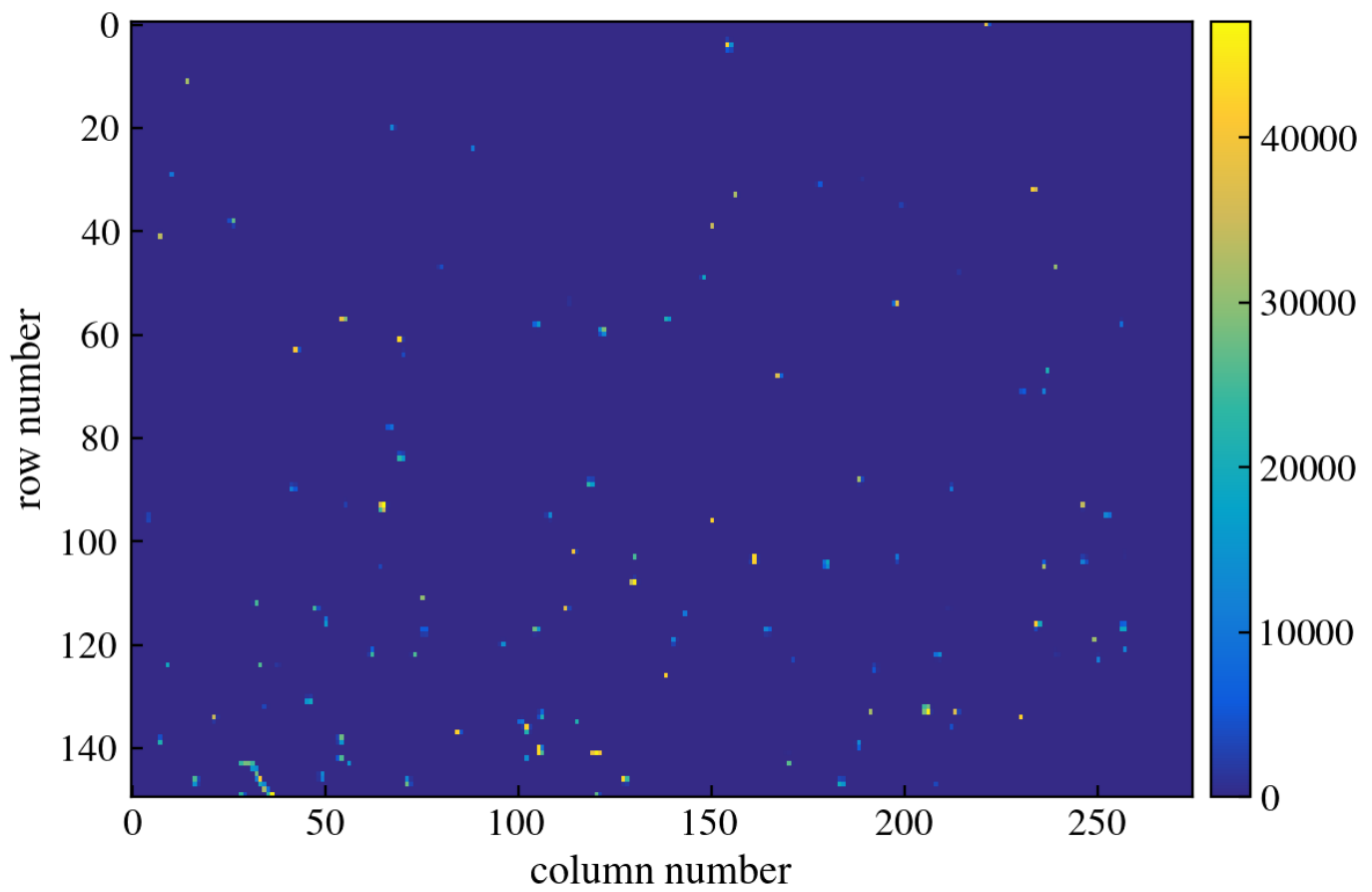


Figure 146: CCD Image

CCD Image: run 147, image 201  
[class MECCDImage]

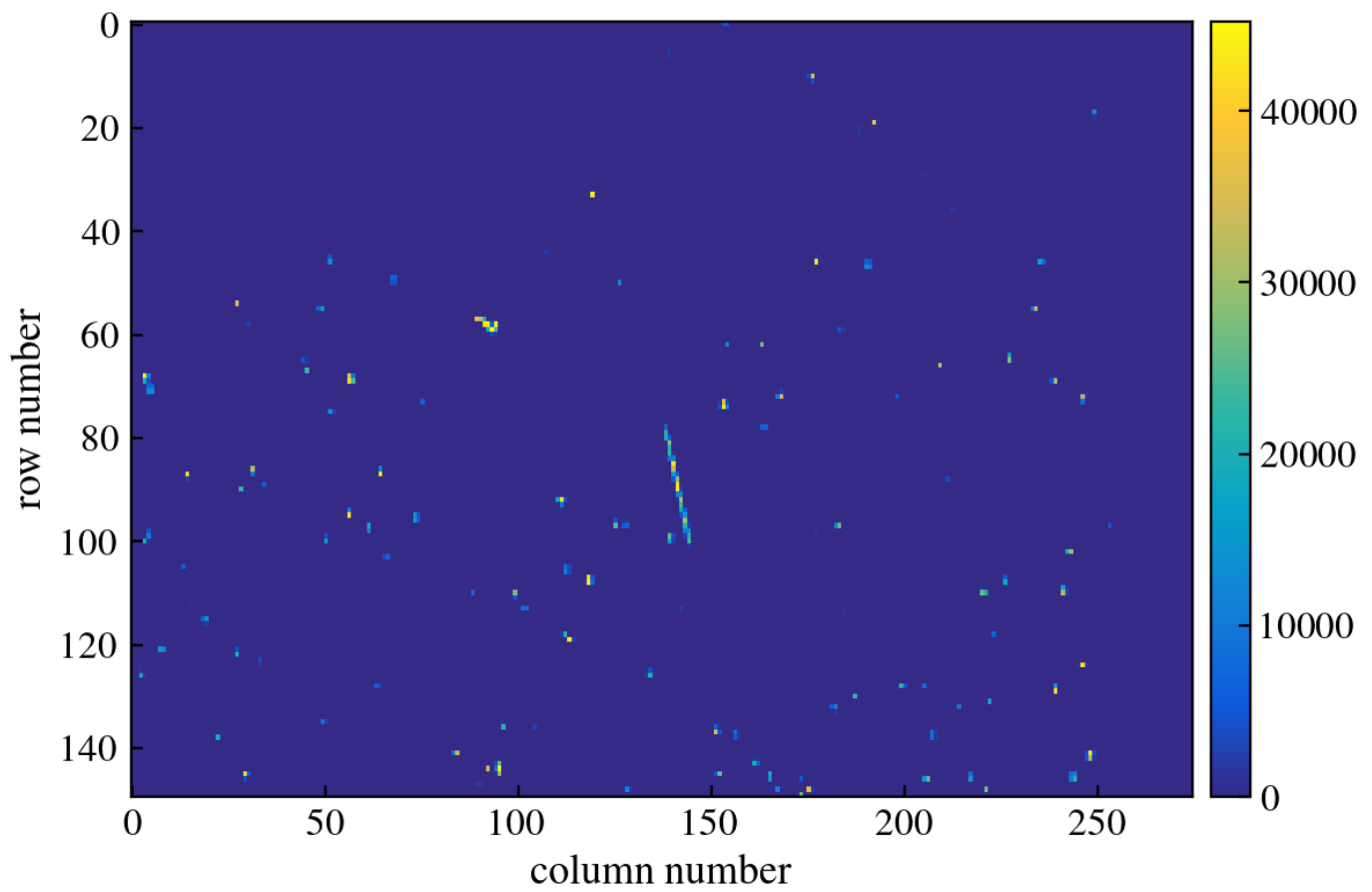


Figure 147: CCD Image



CCD Image: run 147, image 202  
[class MECCDImage]

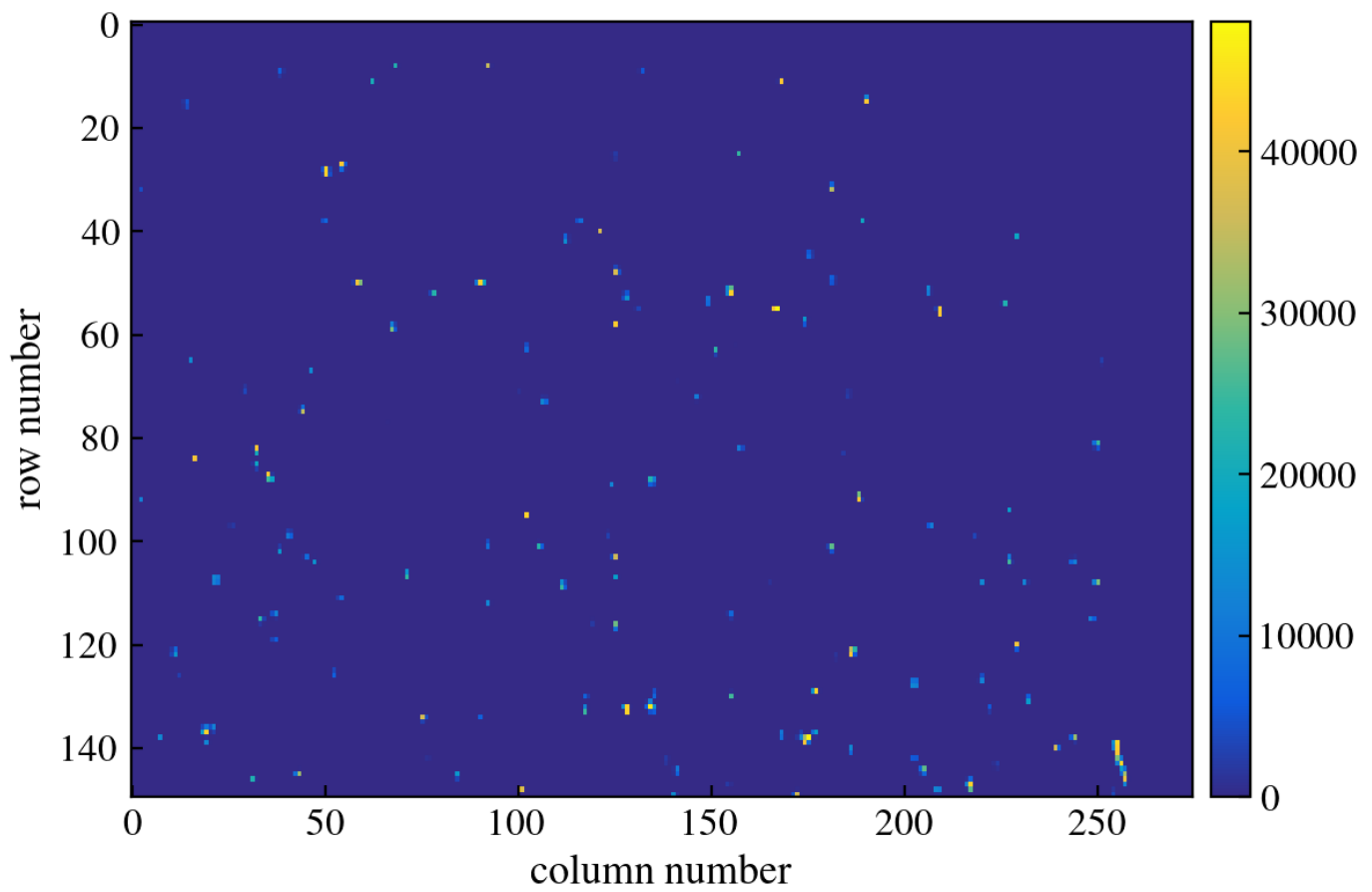


Figure 148: CCD Image

CCD Image: run 147, image 203  
[class MECCDImage]

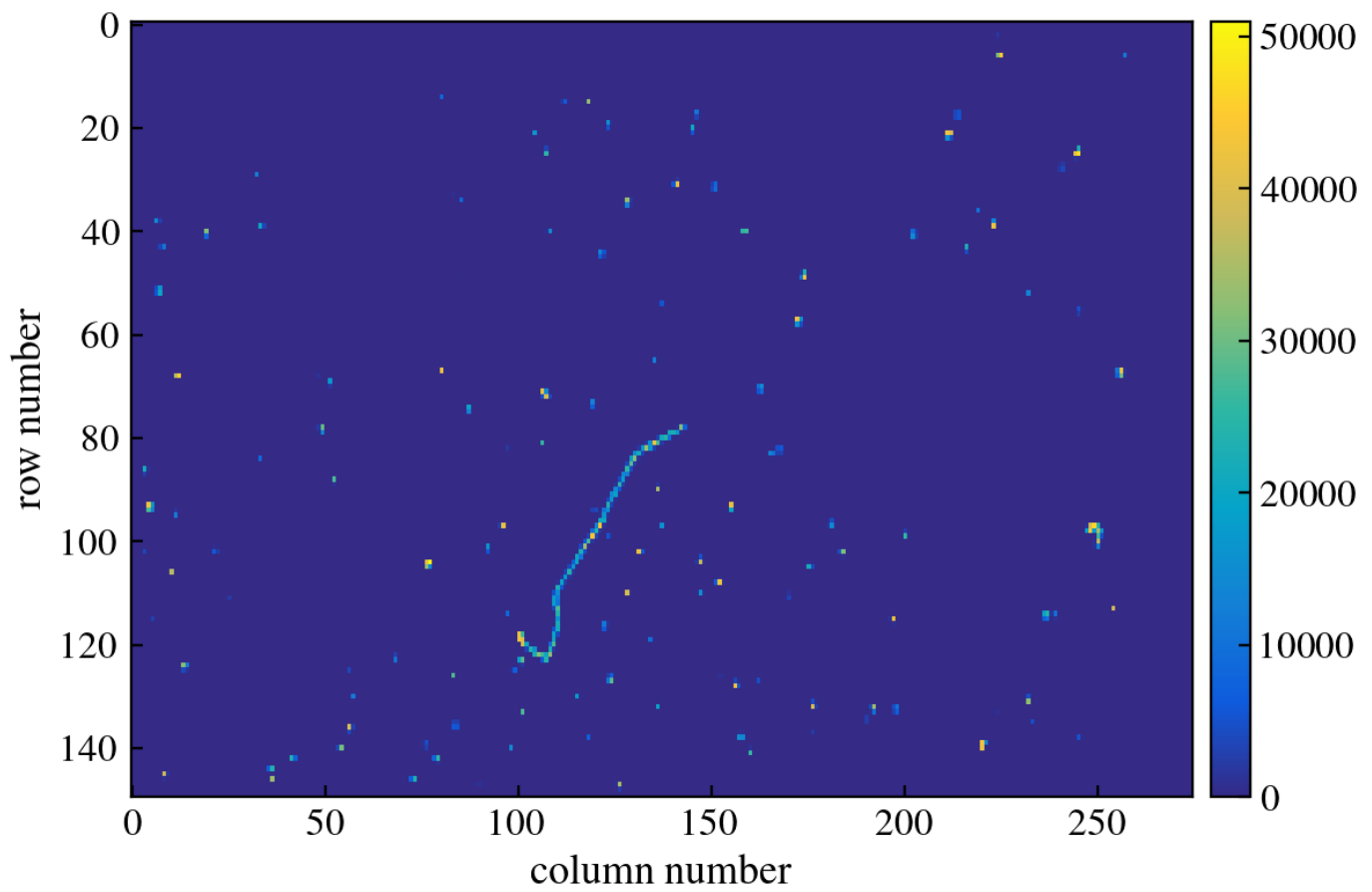


Figure 149: CCD Image

CCD Image: run 147, image 204  
[class MECCDImage]

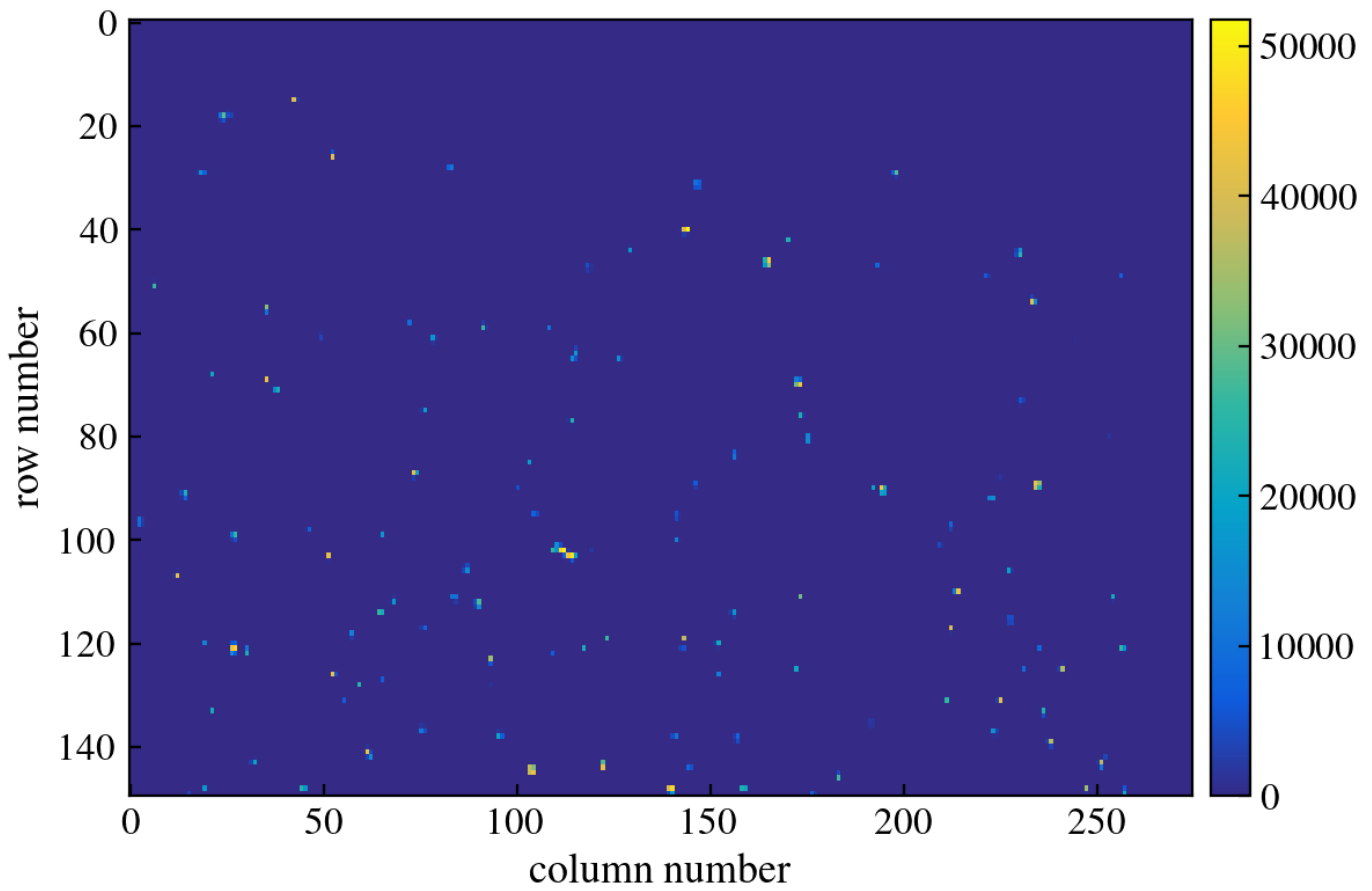


Figure 150: CCD Image

CCD Image: run 147, image 205  
[class MECCDImage]

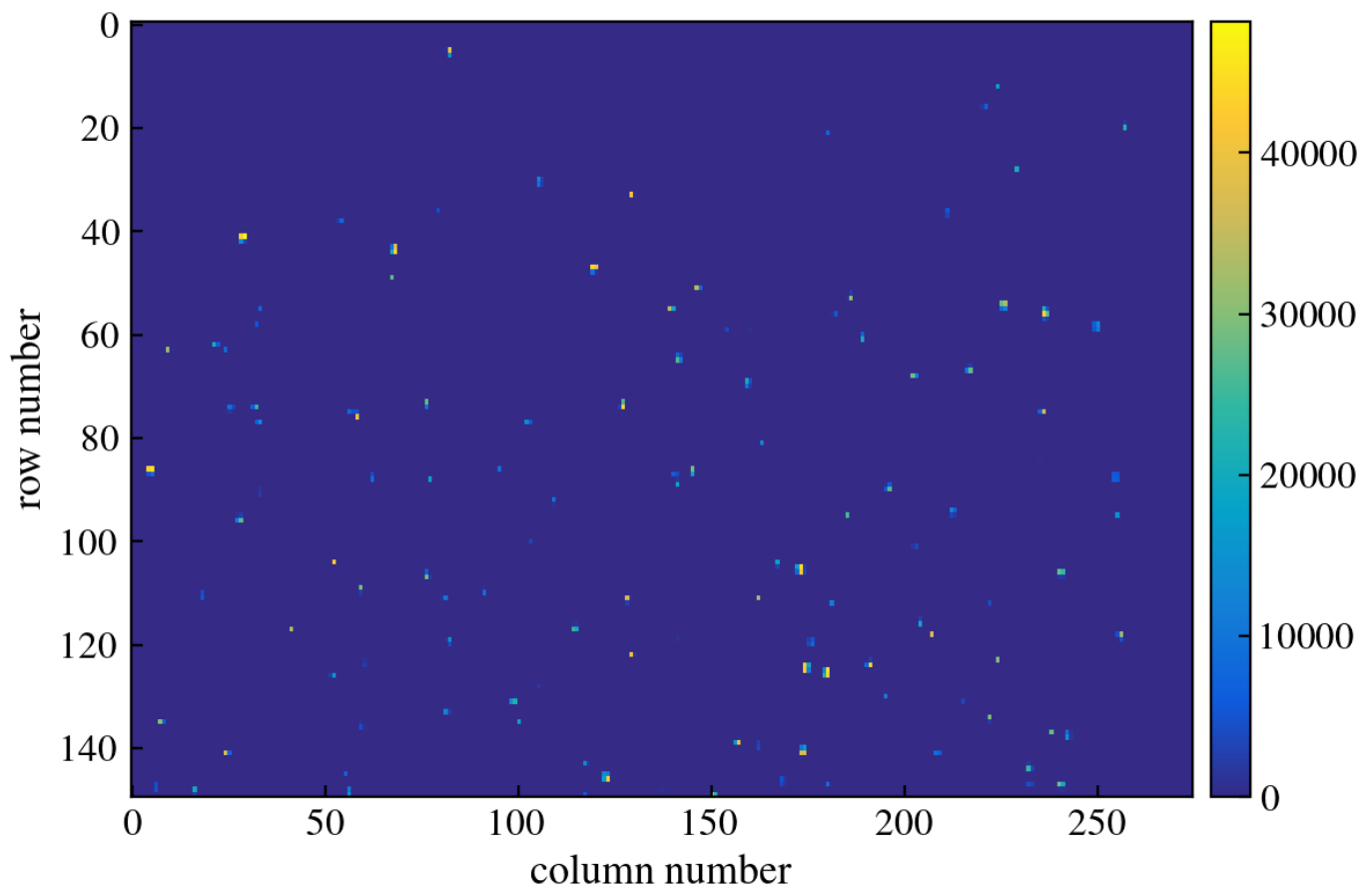


Figure 151: CCD Image

CCD Image: run 147, image 206  
[class MECCDImage]

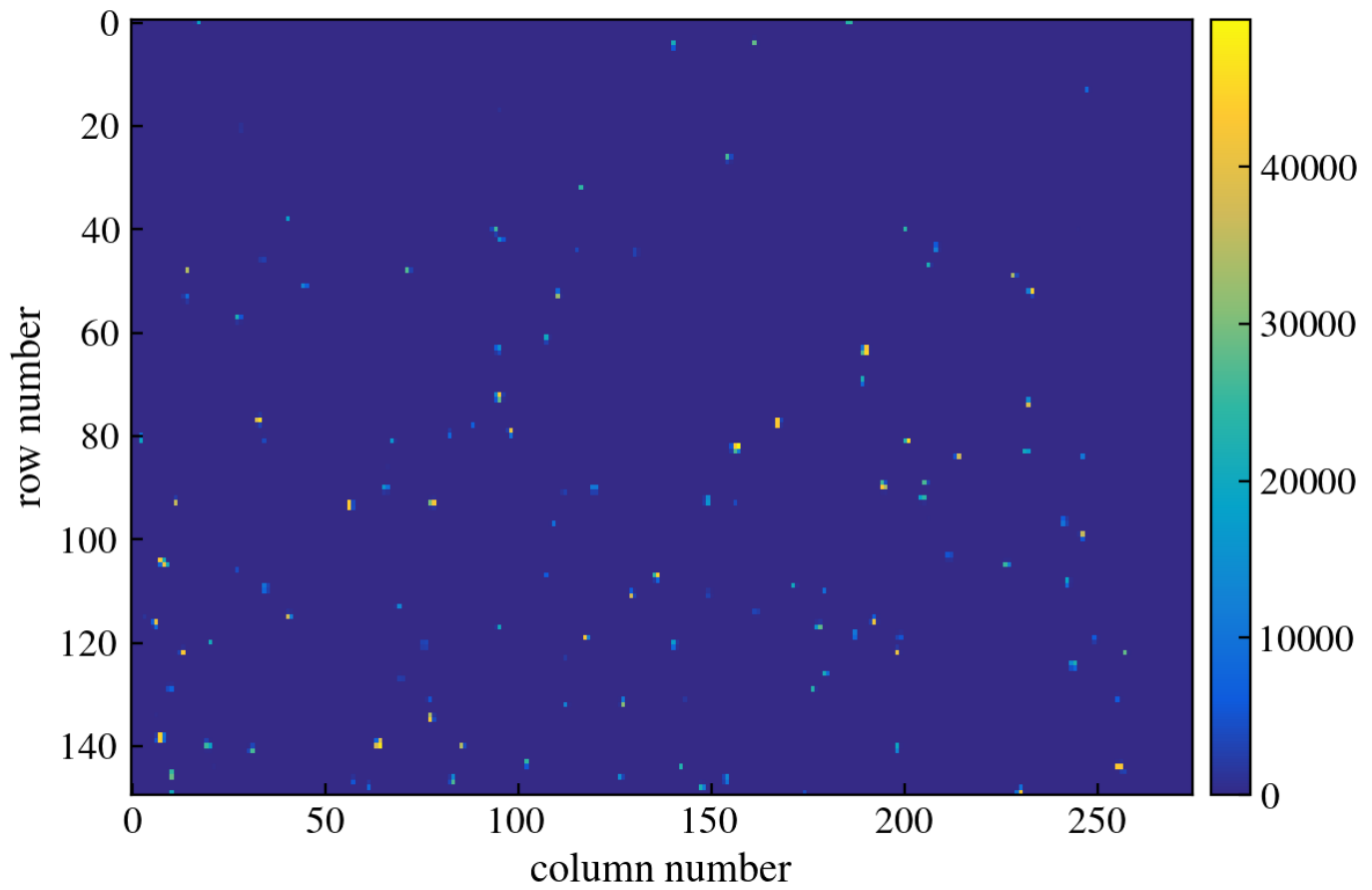


Figure 152: CCD Image

CCD Image: run 147, image 207  
[class MECCDImage]

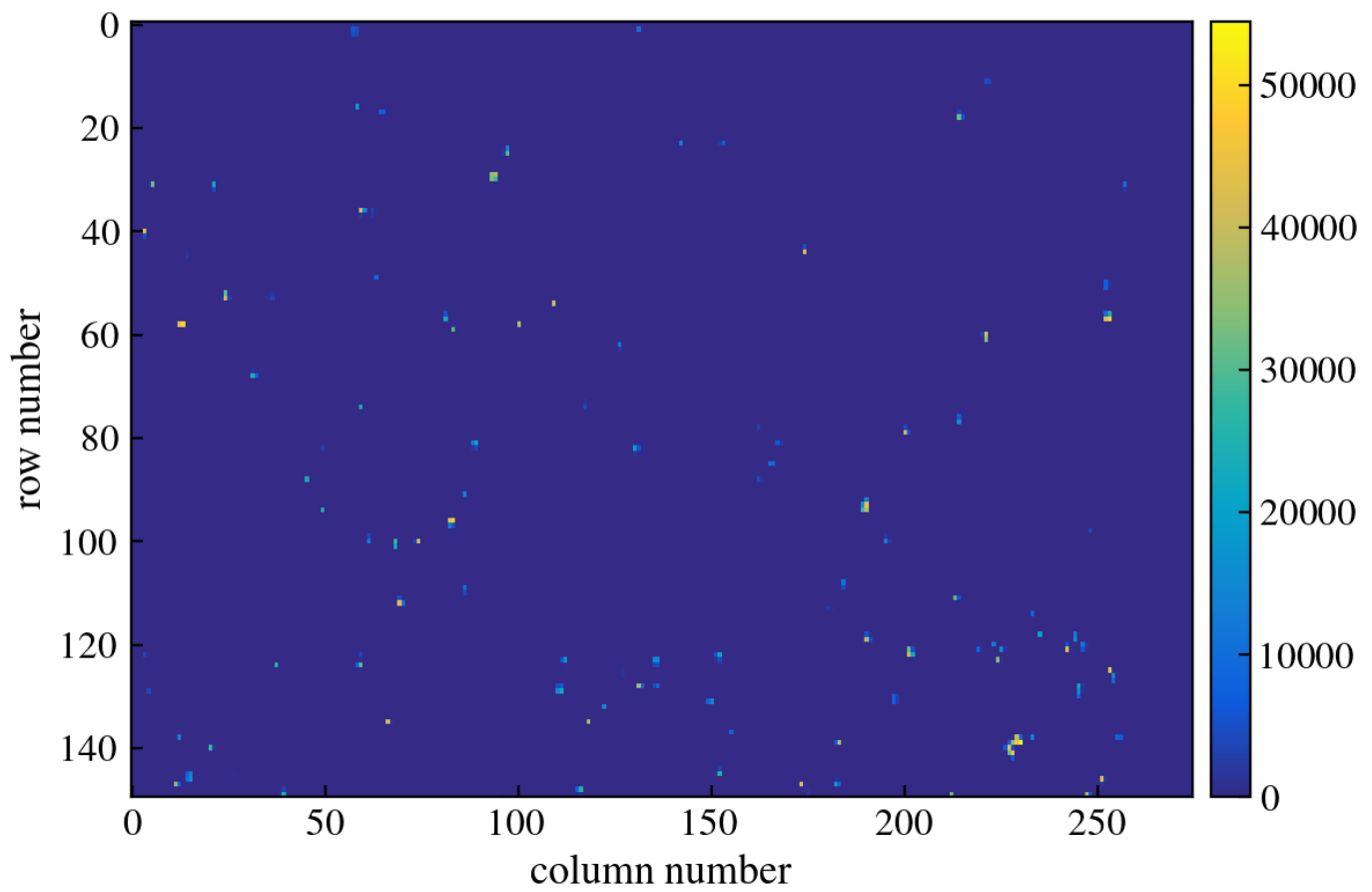


Figure 153: CCD Image

CCD Image: run 147, image 208  
[class MECCDImage]

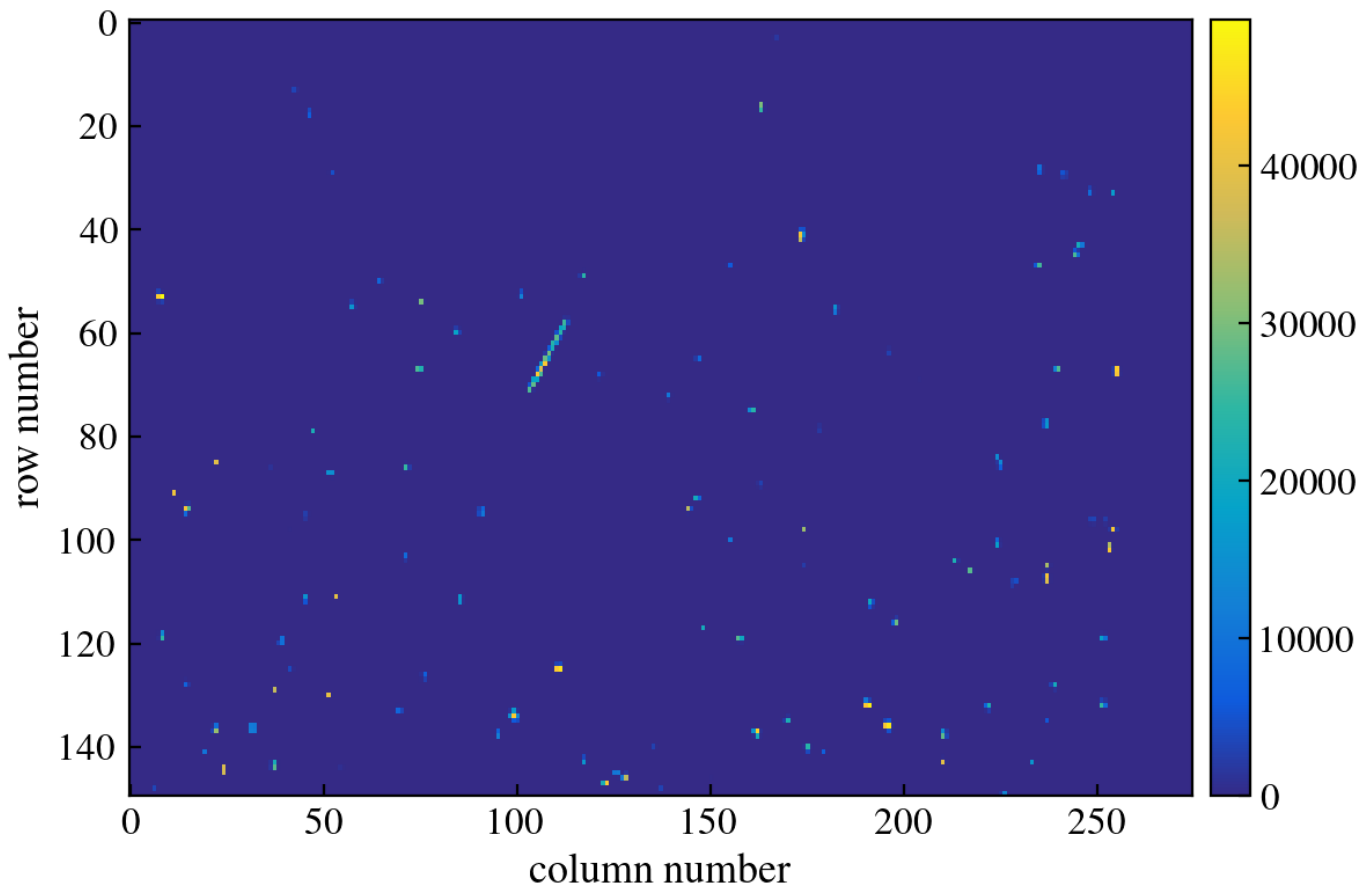


Figure 154: CCD Image

CCD Image: run 147, image 209  
[class MECCDImage]

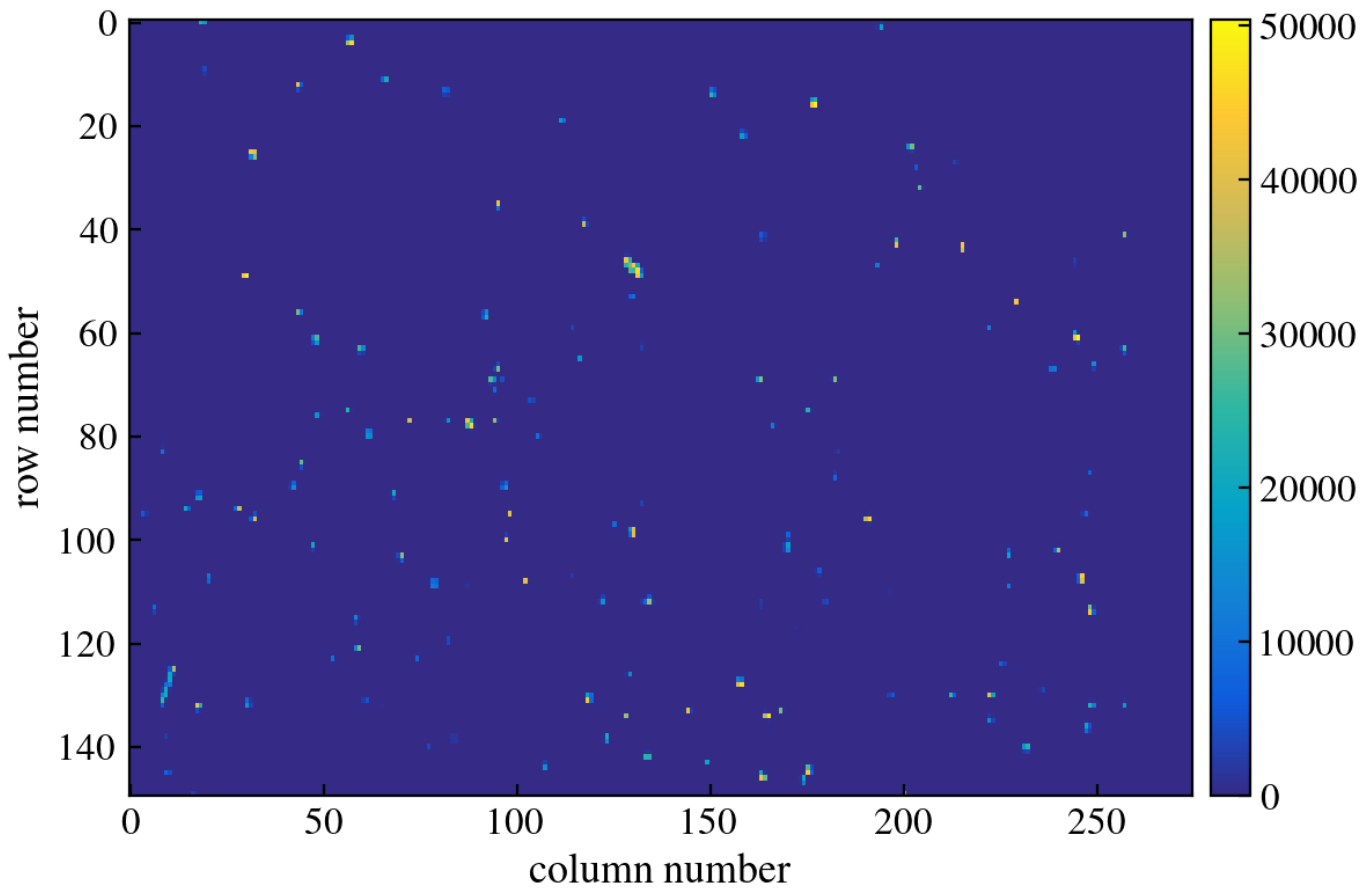


Figure 155: CCD Image



CCD Image: run 147, image 21  
[class MECCDImage]

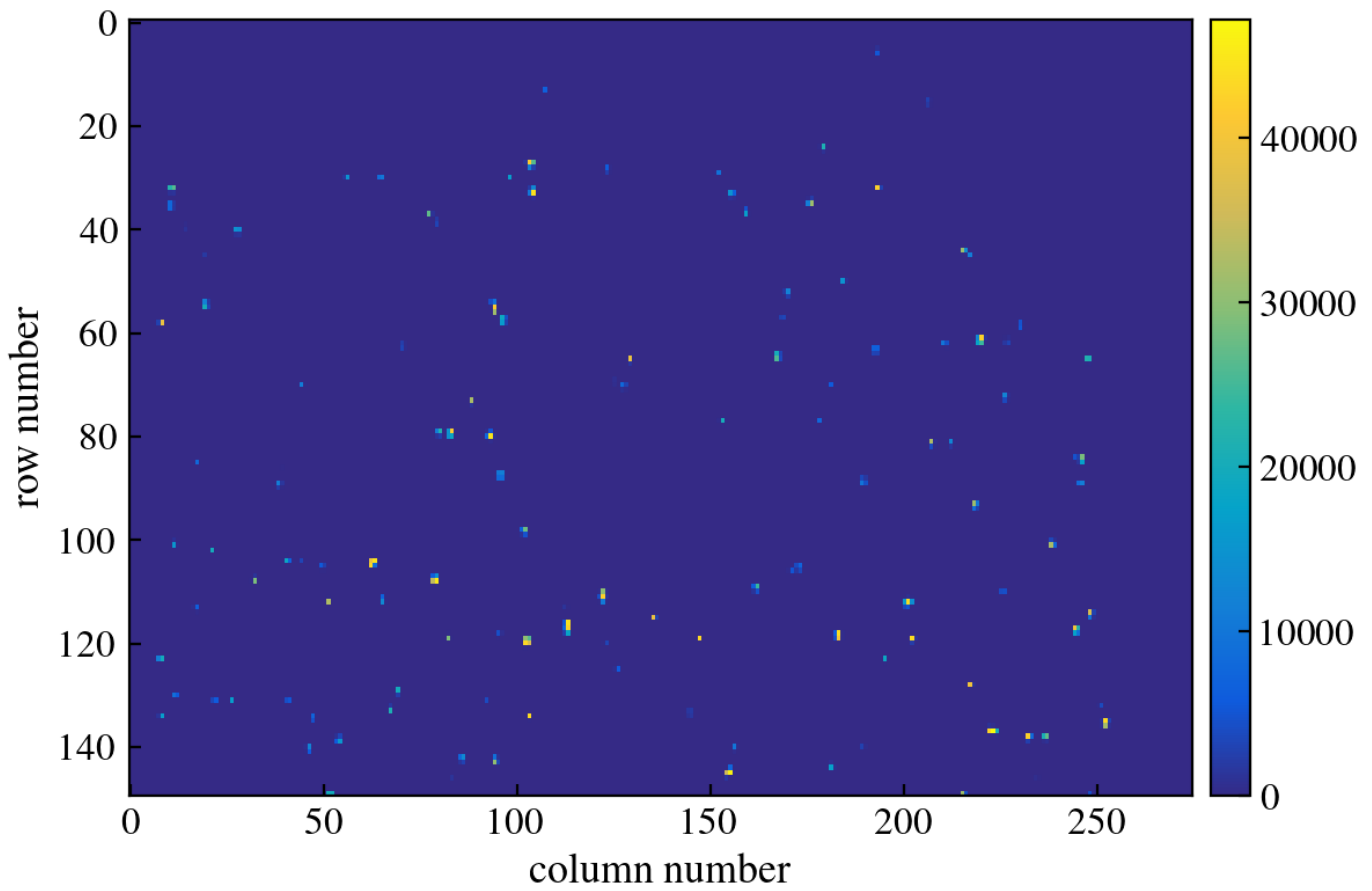


Figure 156: CCD Image

CCD Image: run 147, image 210  
[class MECCDImage]

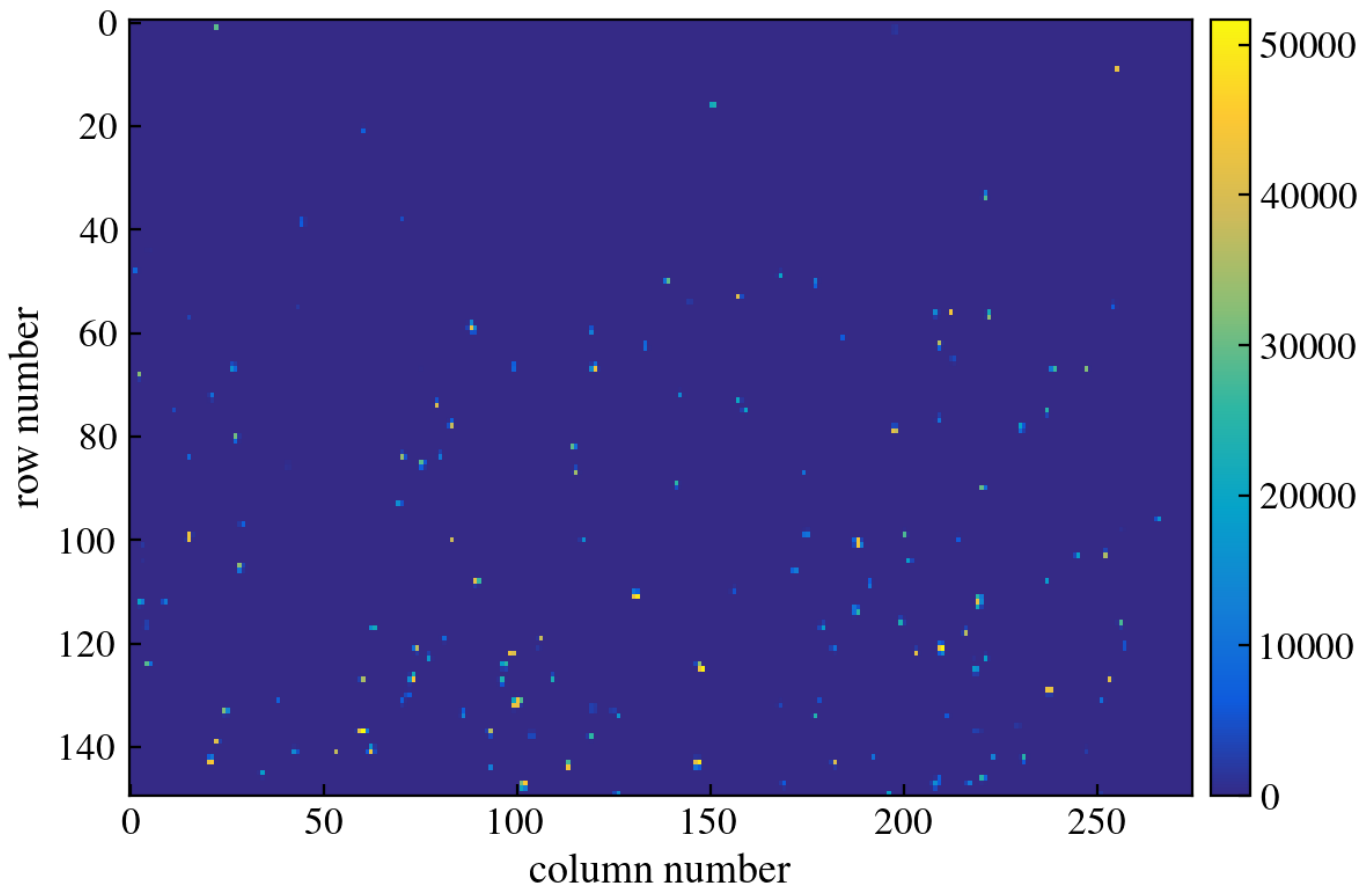


Figure 157: CCD Image

CCD Image: run 147, image 211  
[class MECCDImage]

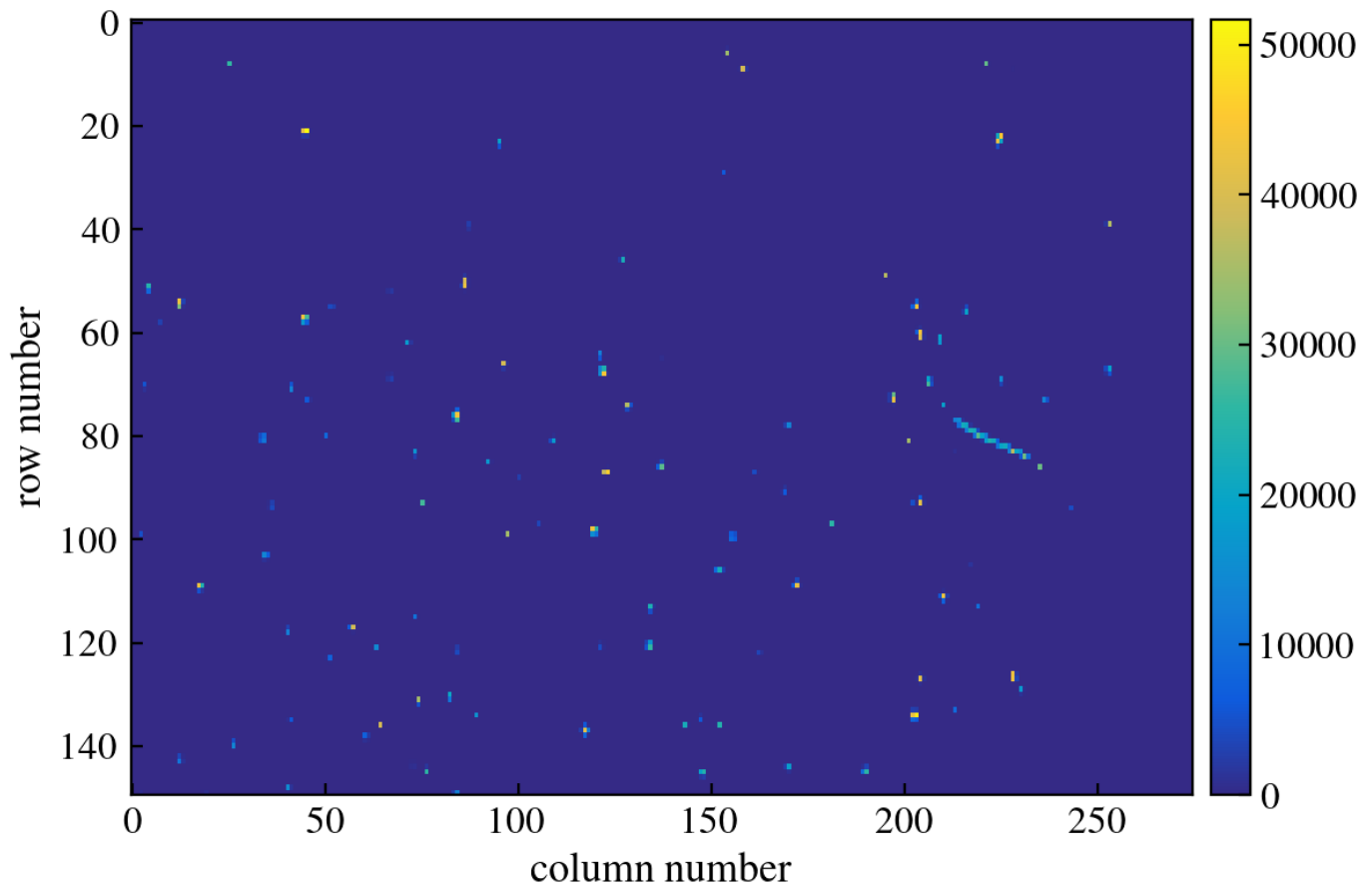


Figure 158: CCD Image

CCD Image: run 147, image 212  
[class MECCDImage]

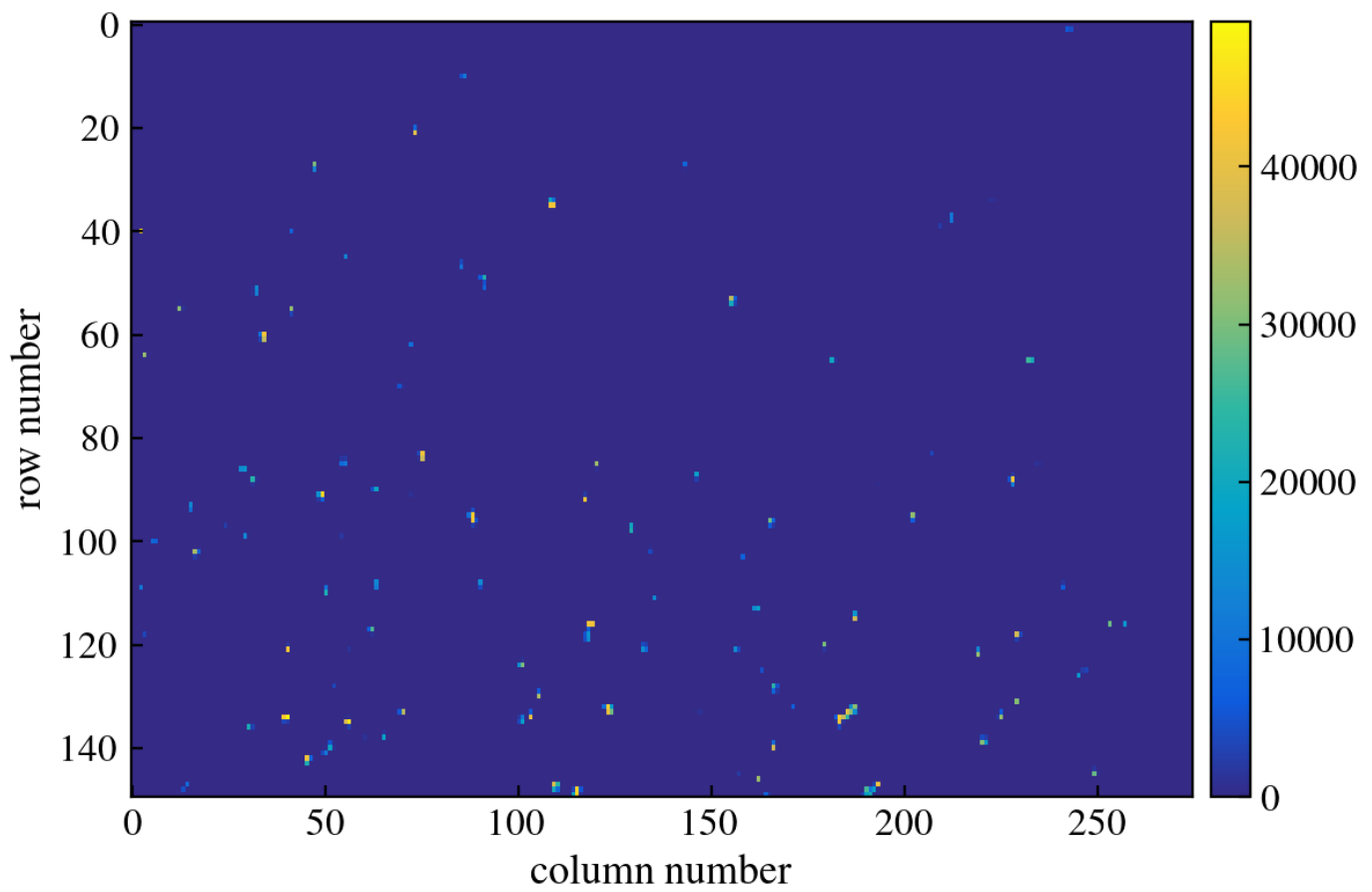


Figure 159: CCD Image

CCD Image: run 147, image 213  
[class MECCDImage]

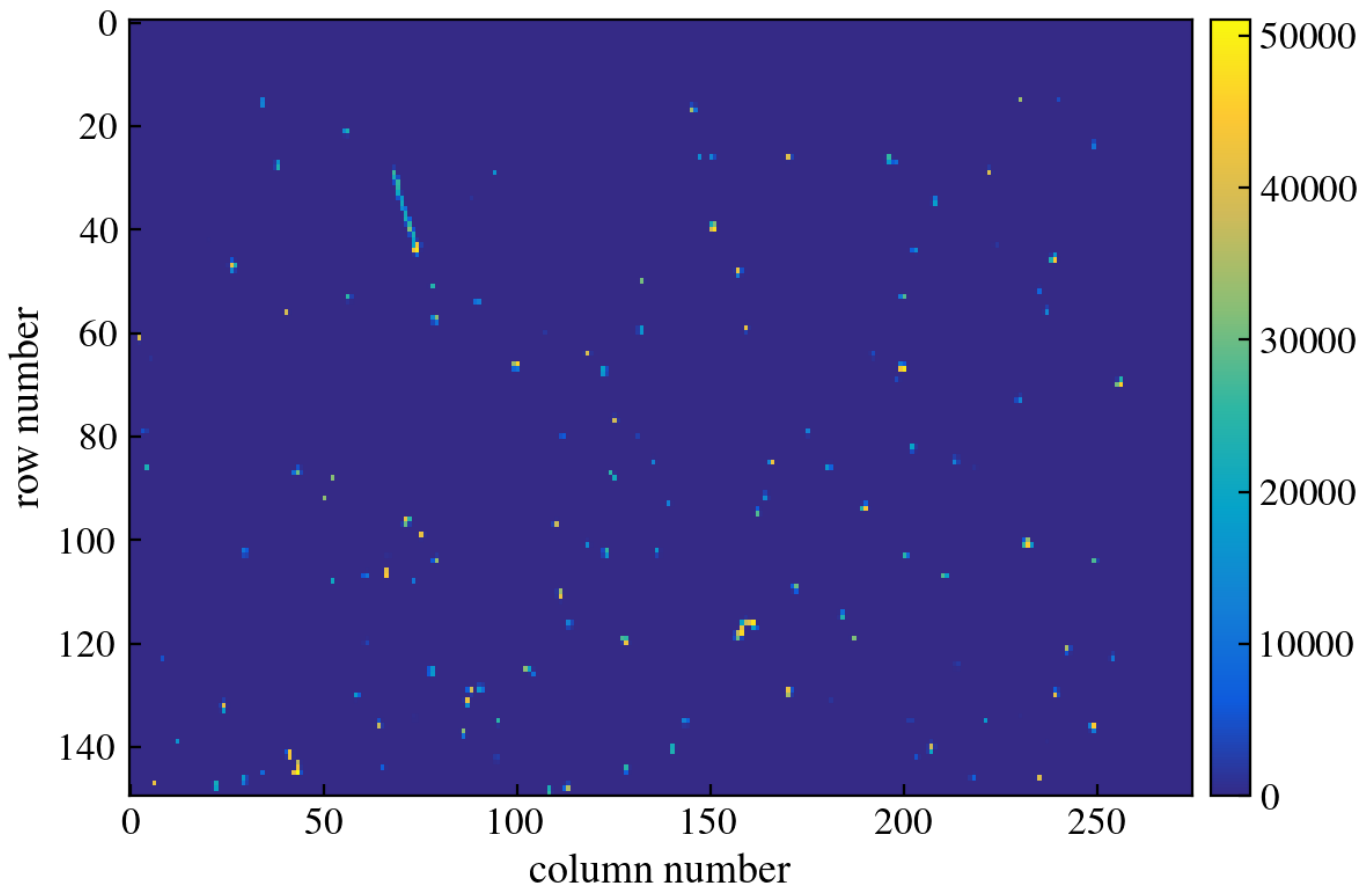


Figure 160: CCD Image

CCD Image: run 147, image 214  
[class MECCDImage]

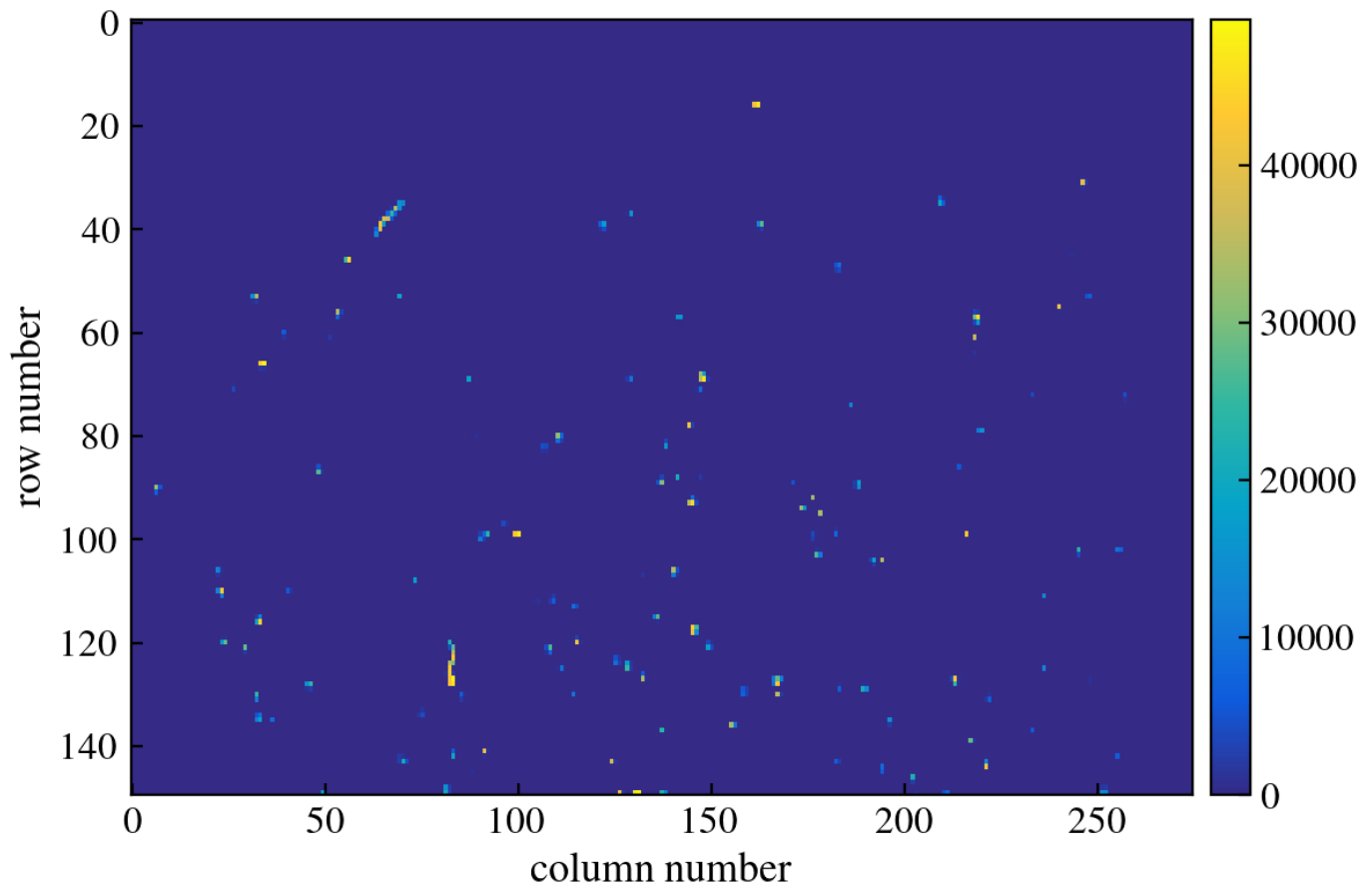


Figure 161: CCD Image

CCD Image: run 147, image 215  
[class MECCDImage]

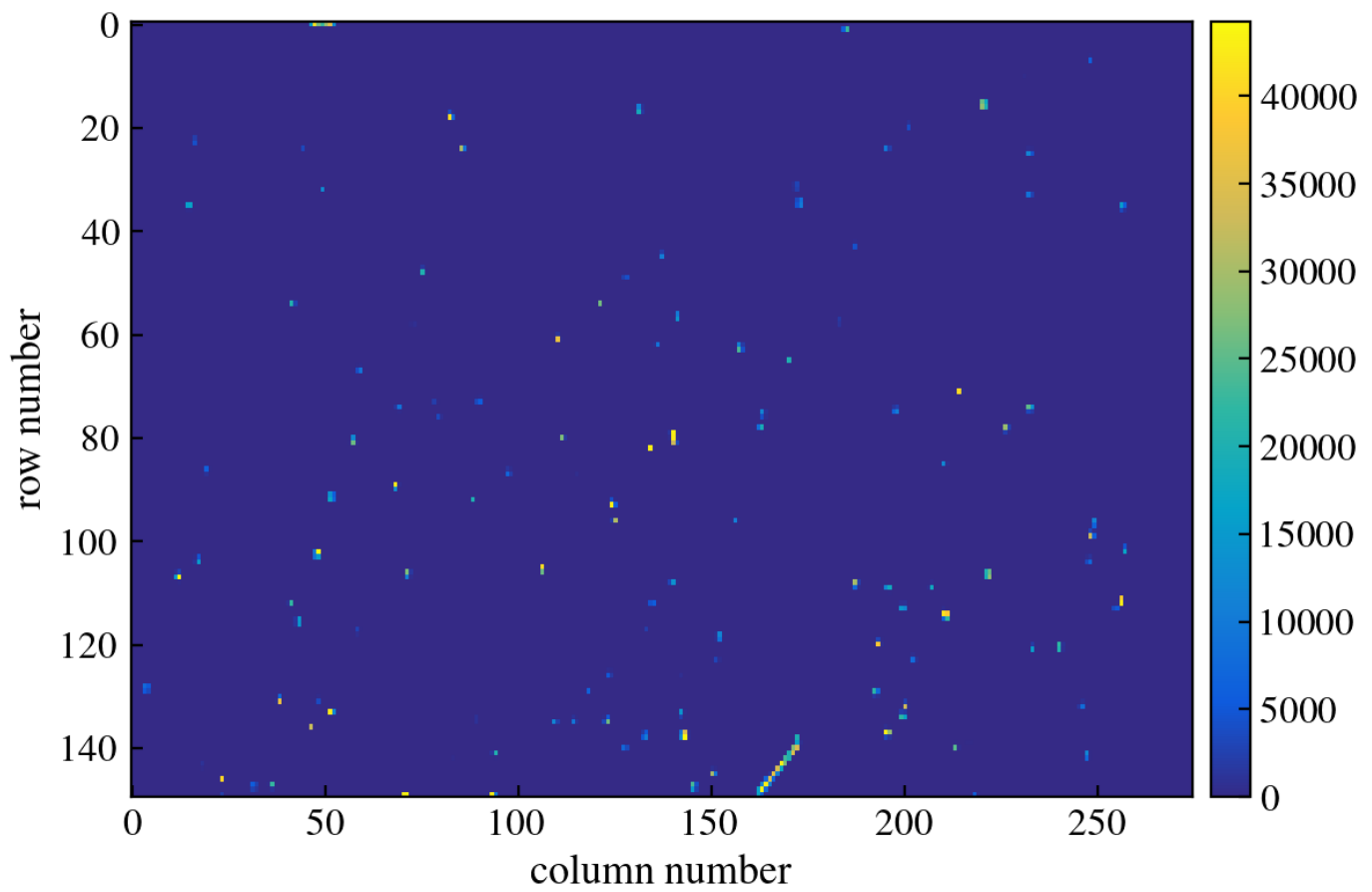


Figure 162: CCD Image

CCD Image: run 147, image 216  
[class MECCDImage]

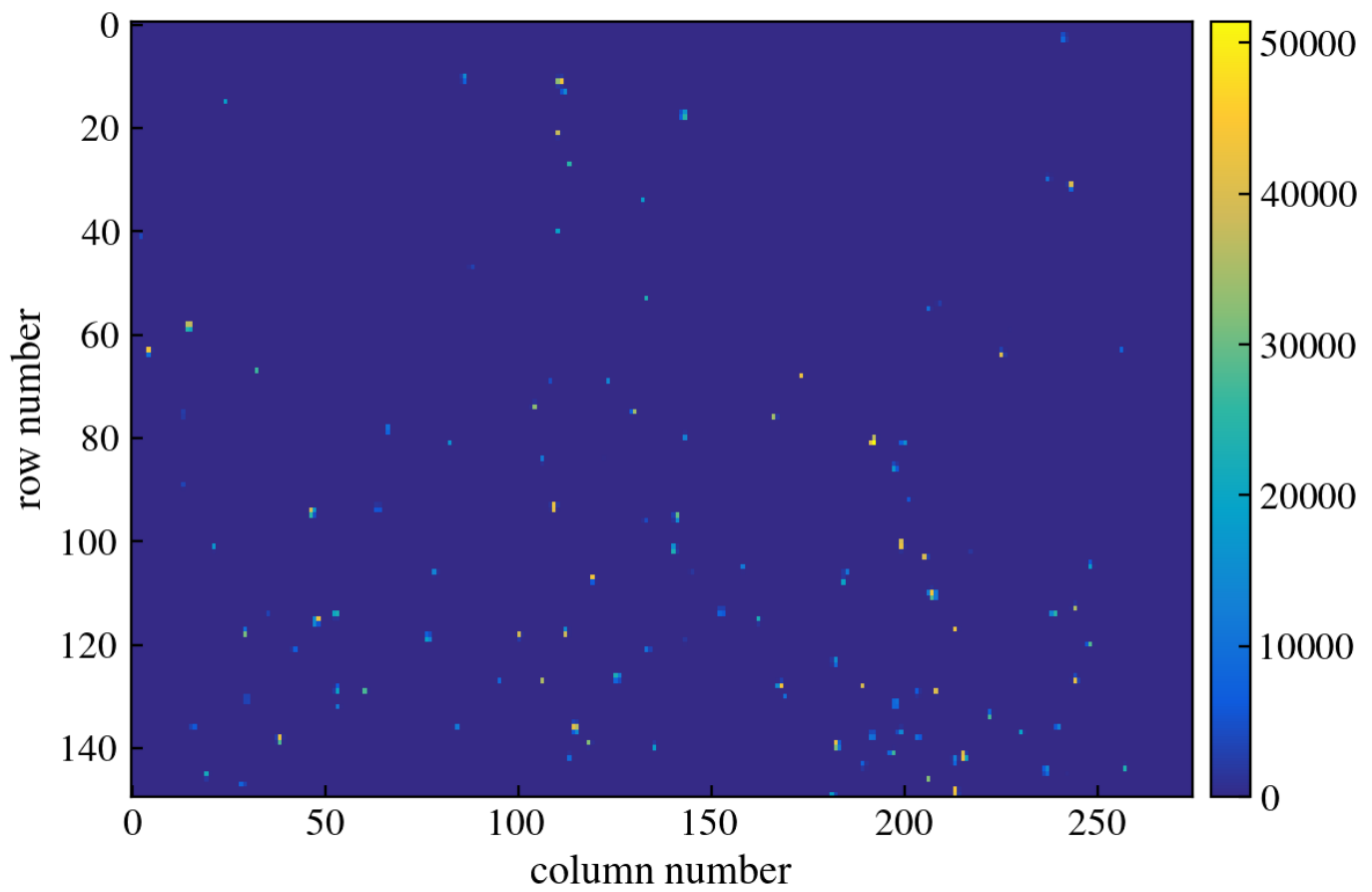


Figure 163: CCD Image



CCD Image: run 147, image 217  
[class MECCDImage]

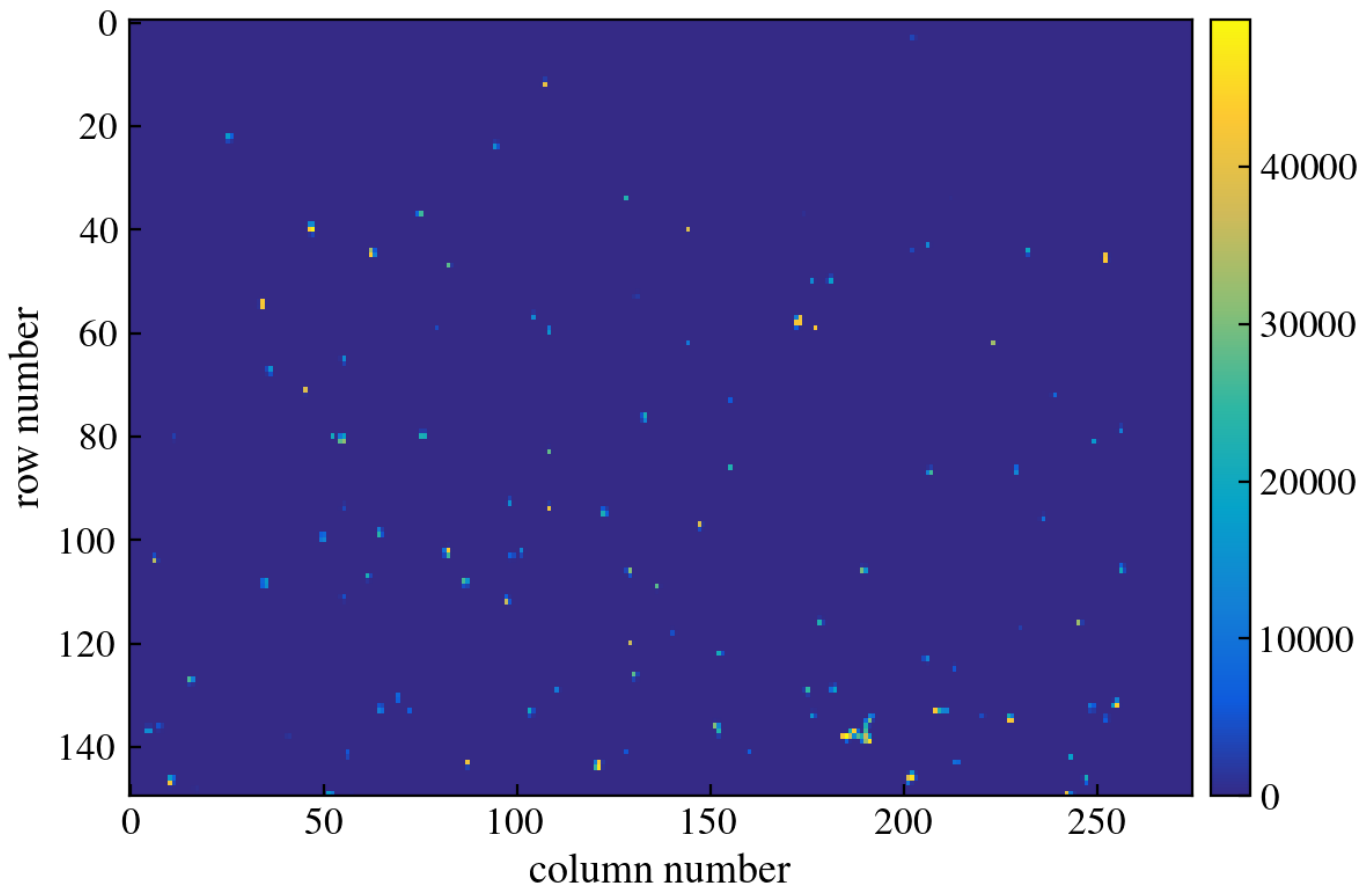


Figure 164: CCD Image

CCD Image: run 147, image 218  
[class MECCDImage]

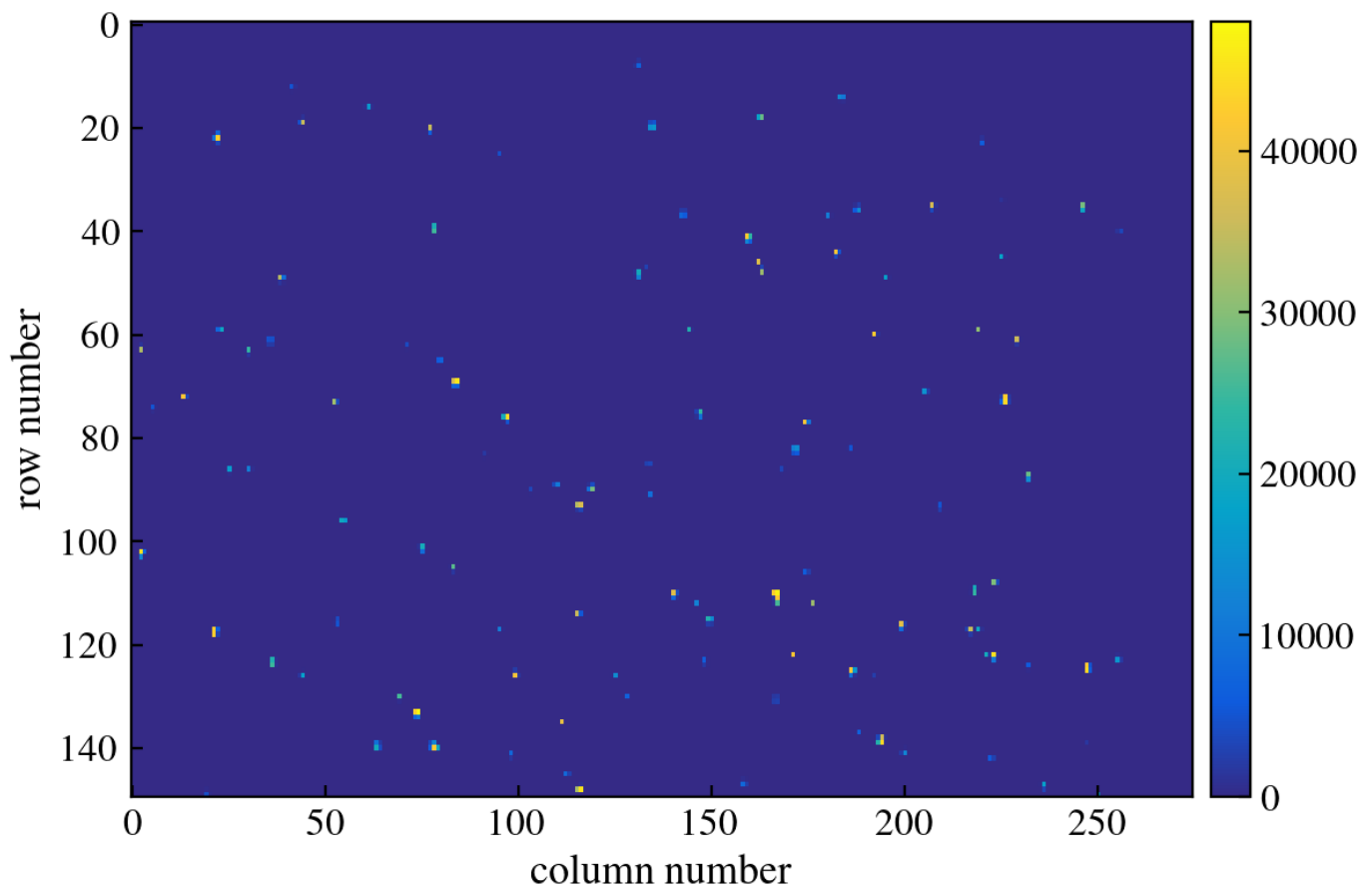


Figure 165: CCD Image

CCD Image: run 147, image 219  
[class MECCDImage]

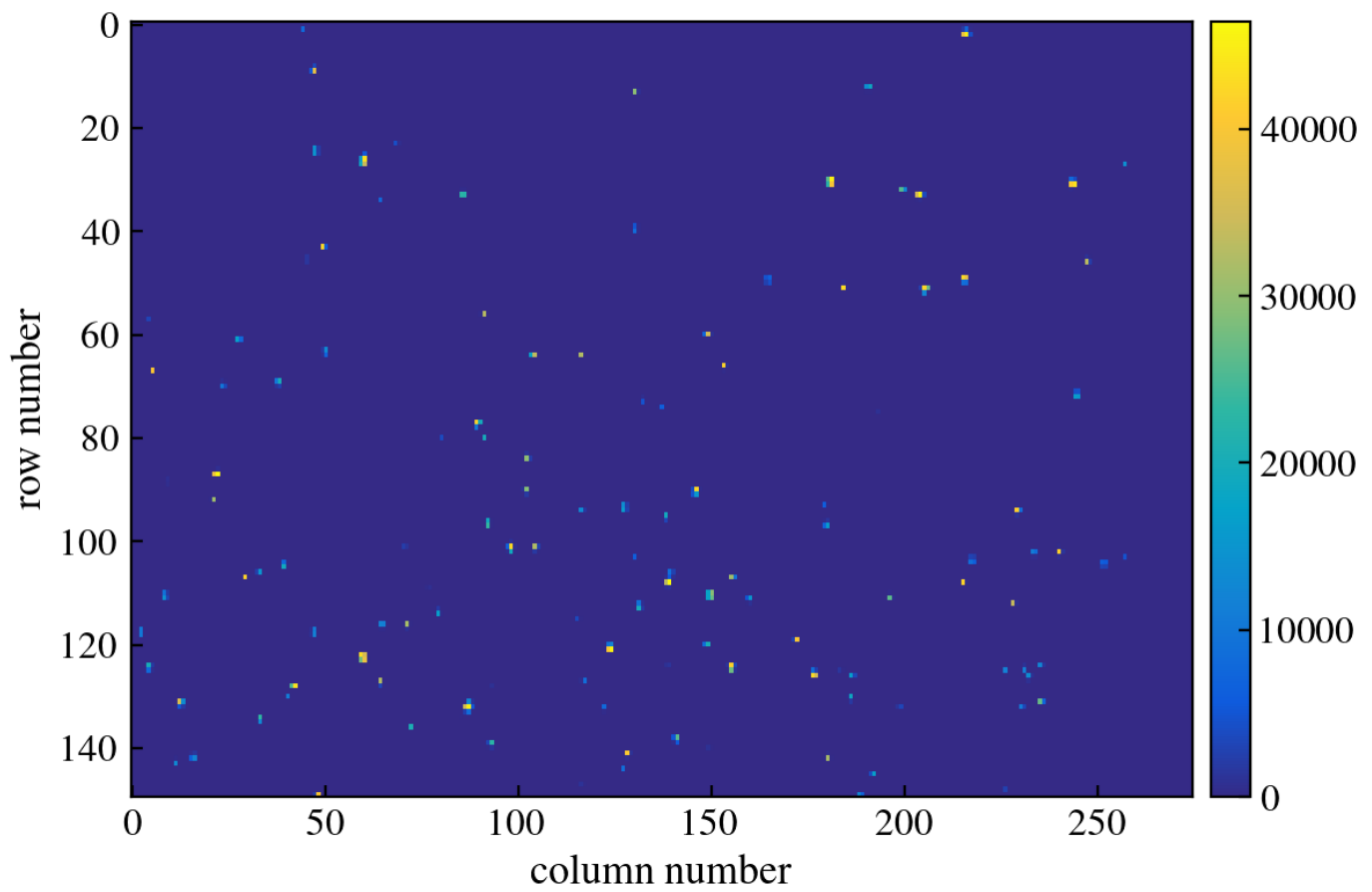


Figure 166: CCD Image

CCD Image: run 147, image 22  
[class MECCDImage]

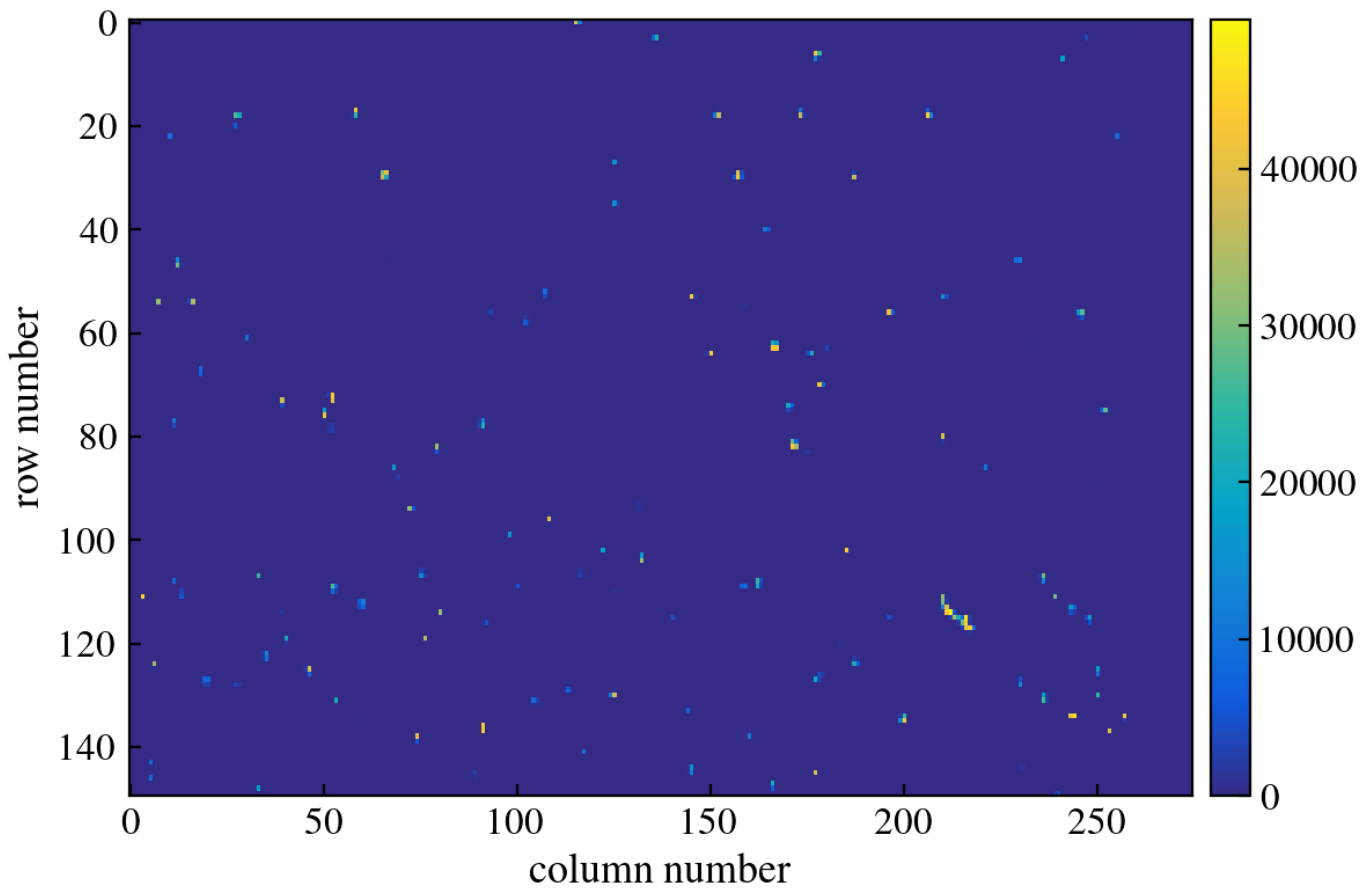


Figure 167: CCD Image

CCD Image: run 147, image 220  
[class MECCDImage]

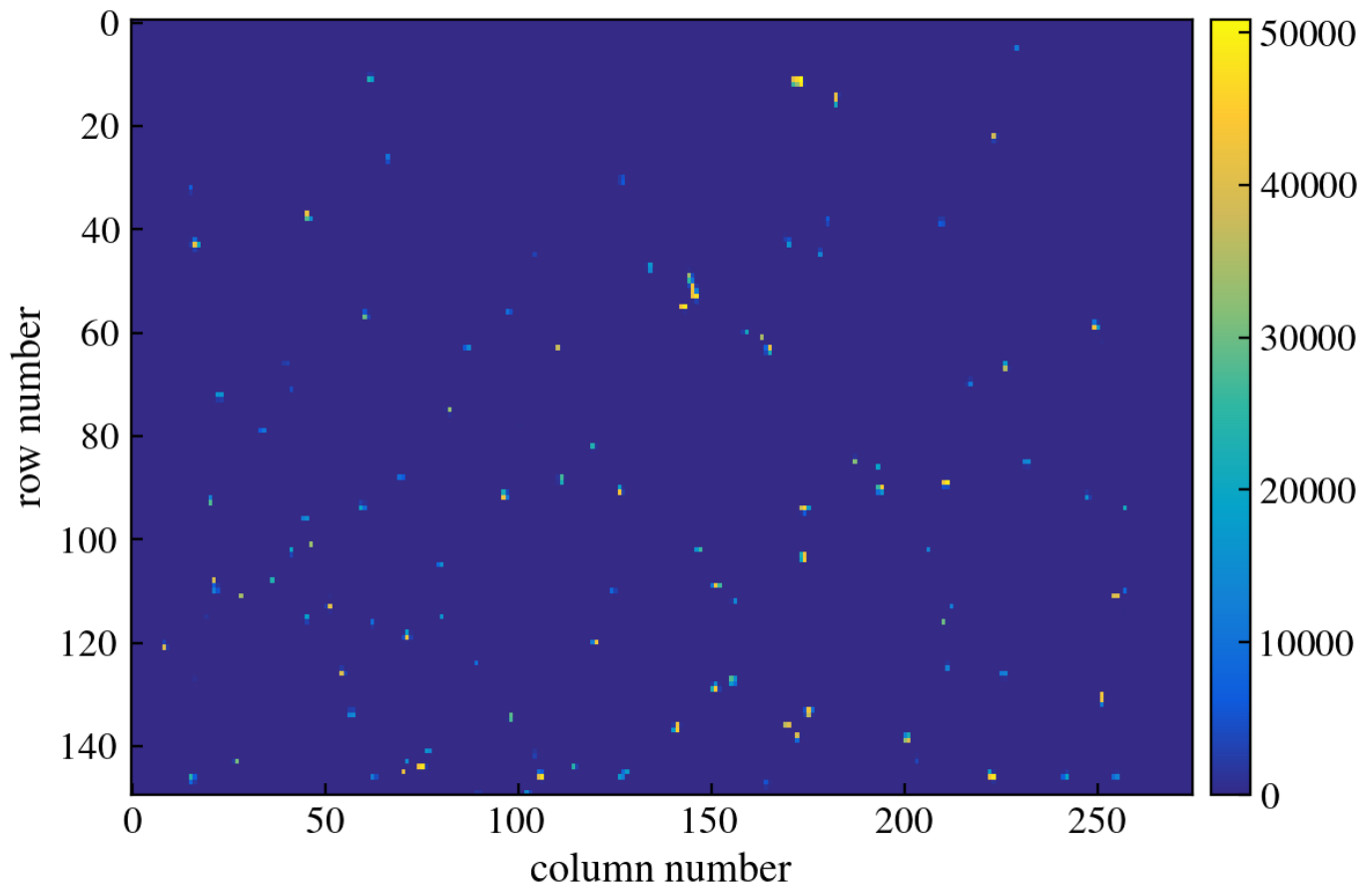


Figure 168: CCD Image

CCD Image: run 147, image 221  
[class MECCDImage]

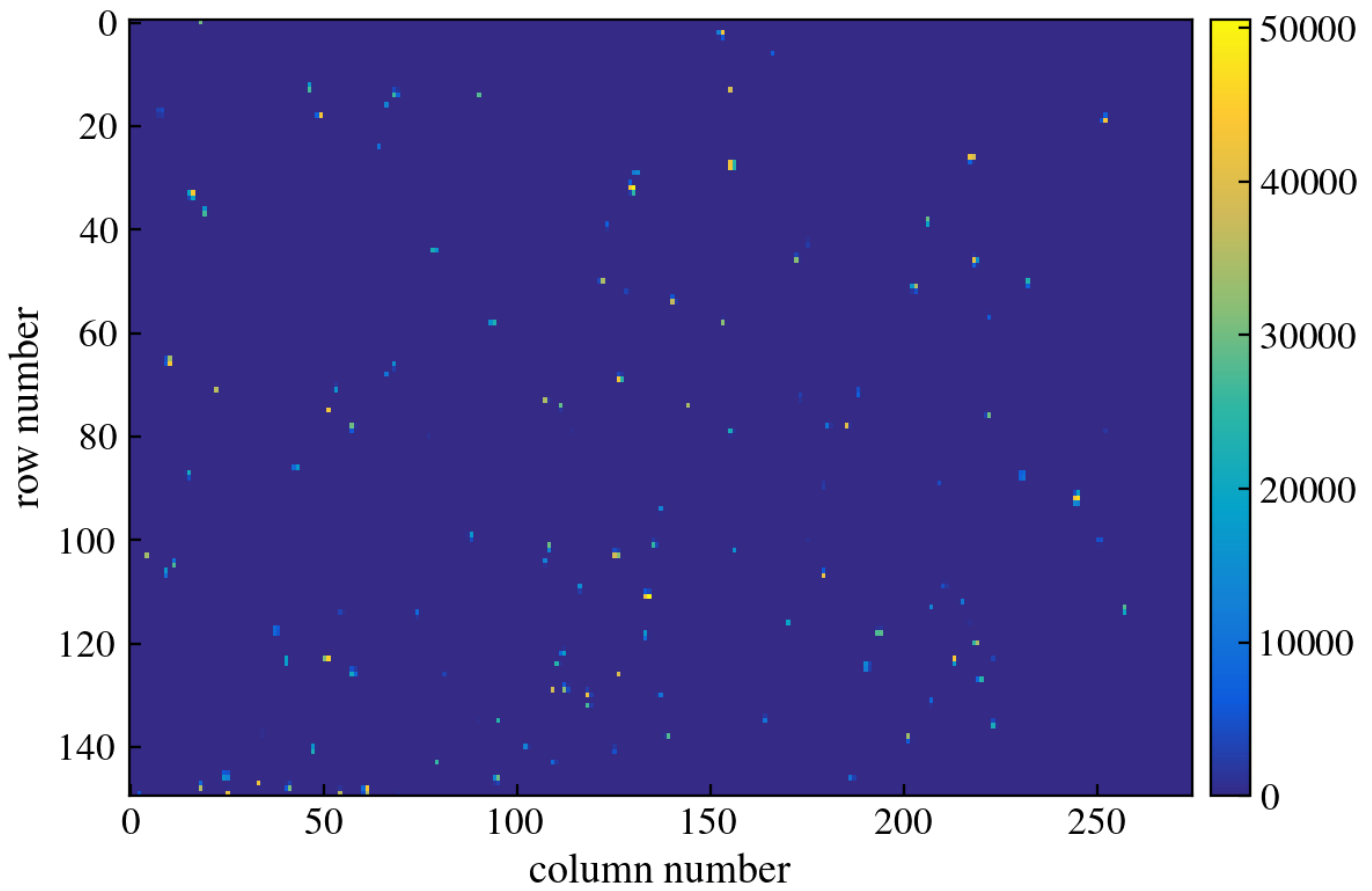


Figure 169: CCD Image

CCD Image: run 147, image 222  
[class MECCDImage]

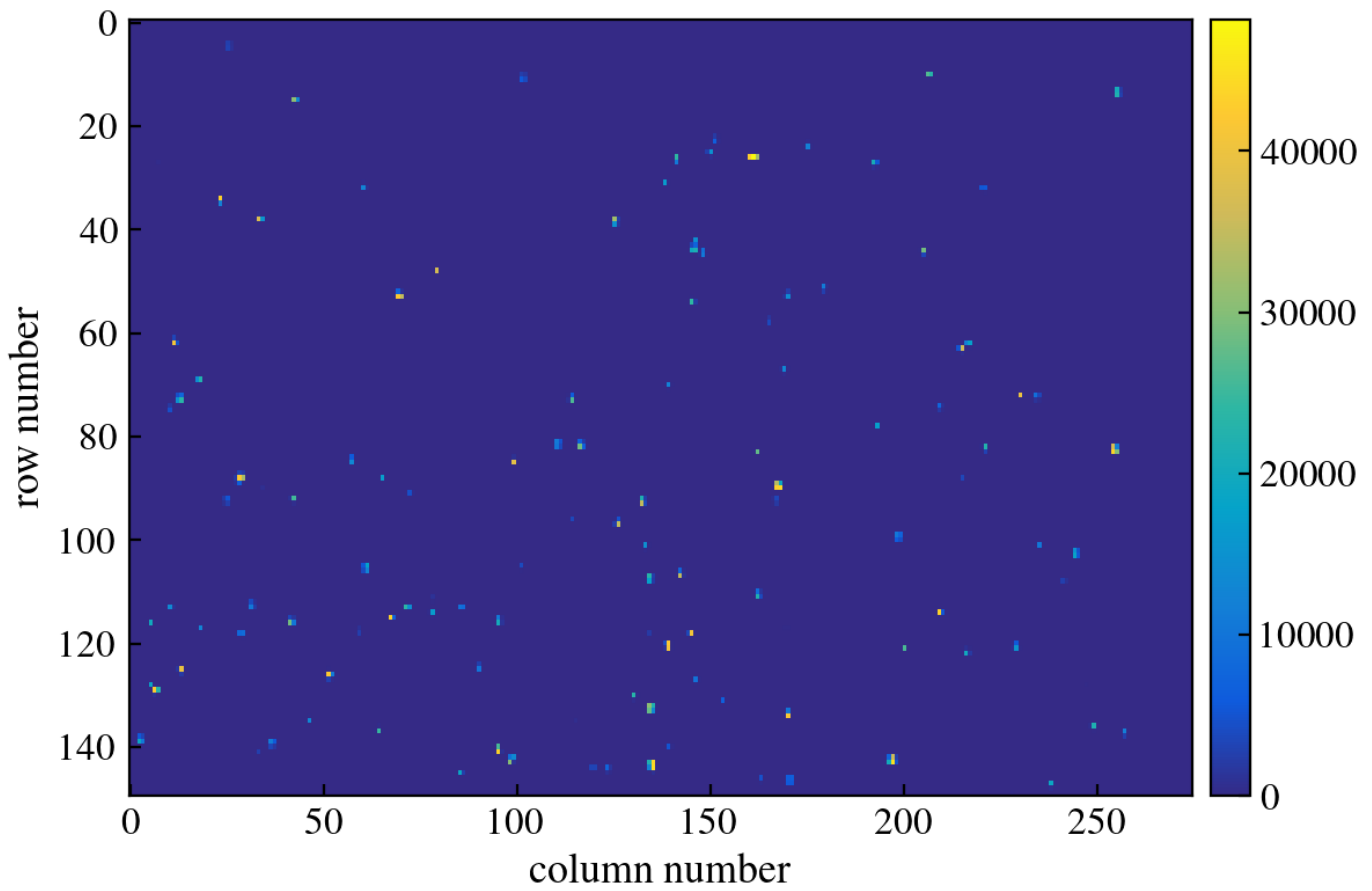


Figure 170: CCD Image

CCD Image: run 147, image 223  
[class MECCDImage]

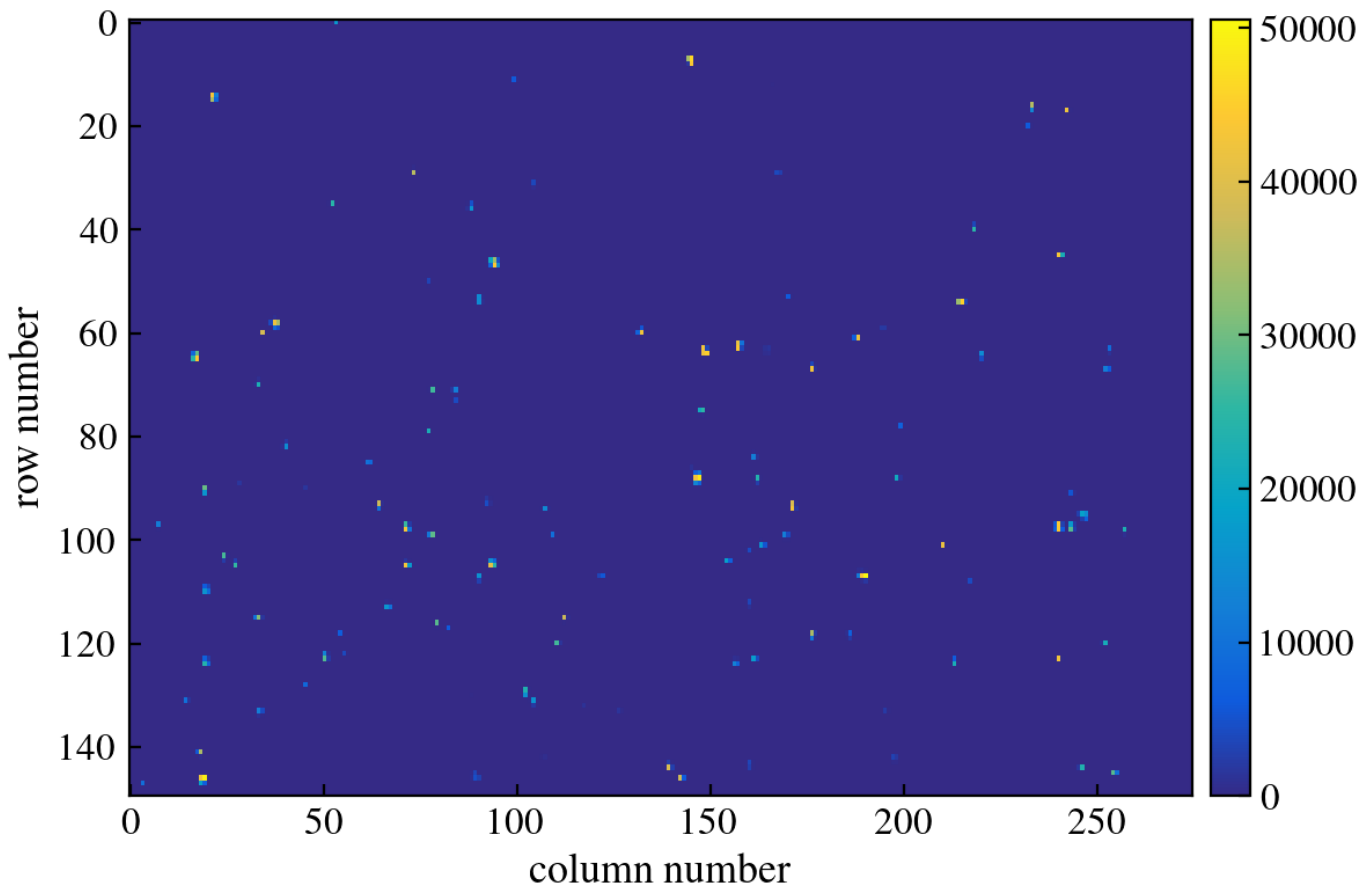


Figure 171: CCD Image



CCD Image: run 147, image 224  
[class MECCDImage]

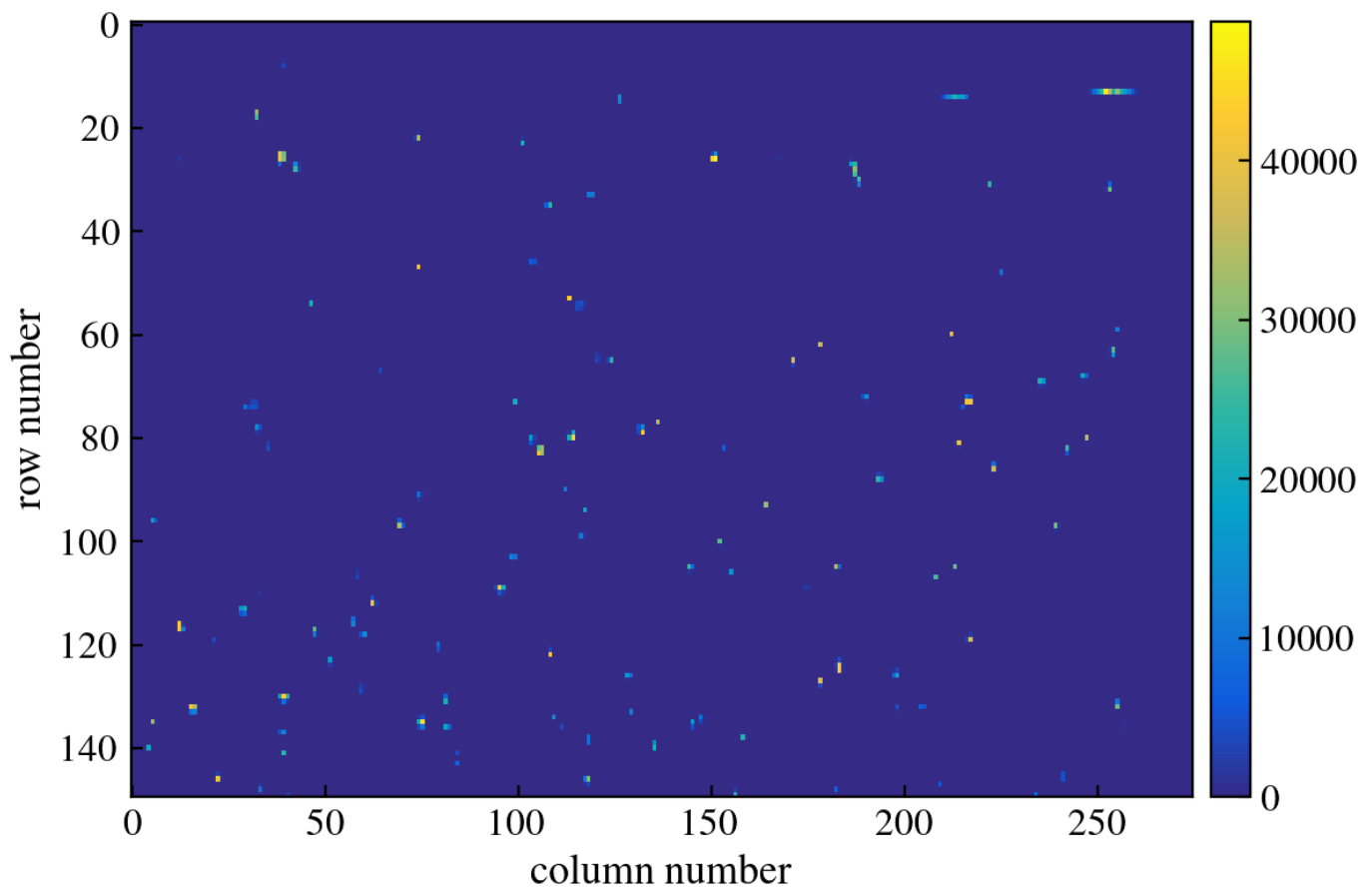


Figure 172: CCD Image

CCD Image: run 147, image 225  
[class MECCDImage]

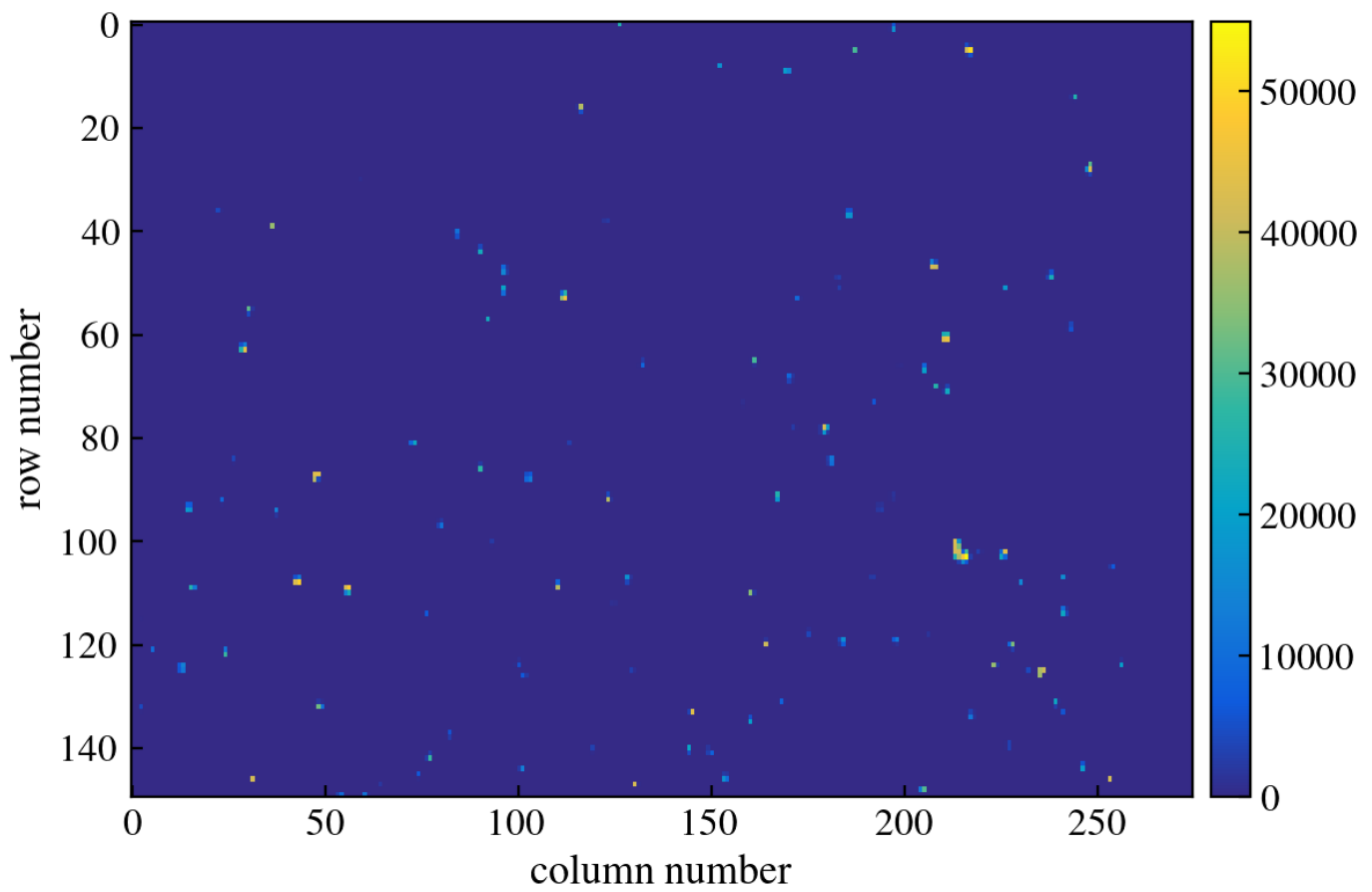


Figure 173: CCD Image

CCD Image: run 147, image 226  
[class MECCDImage]

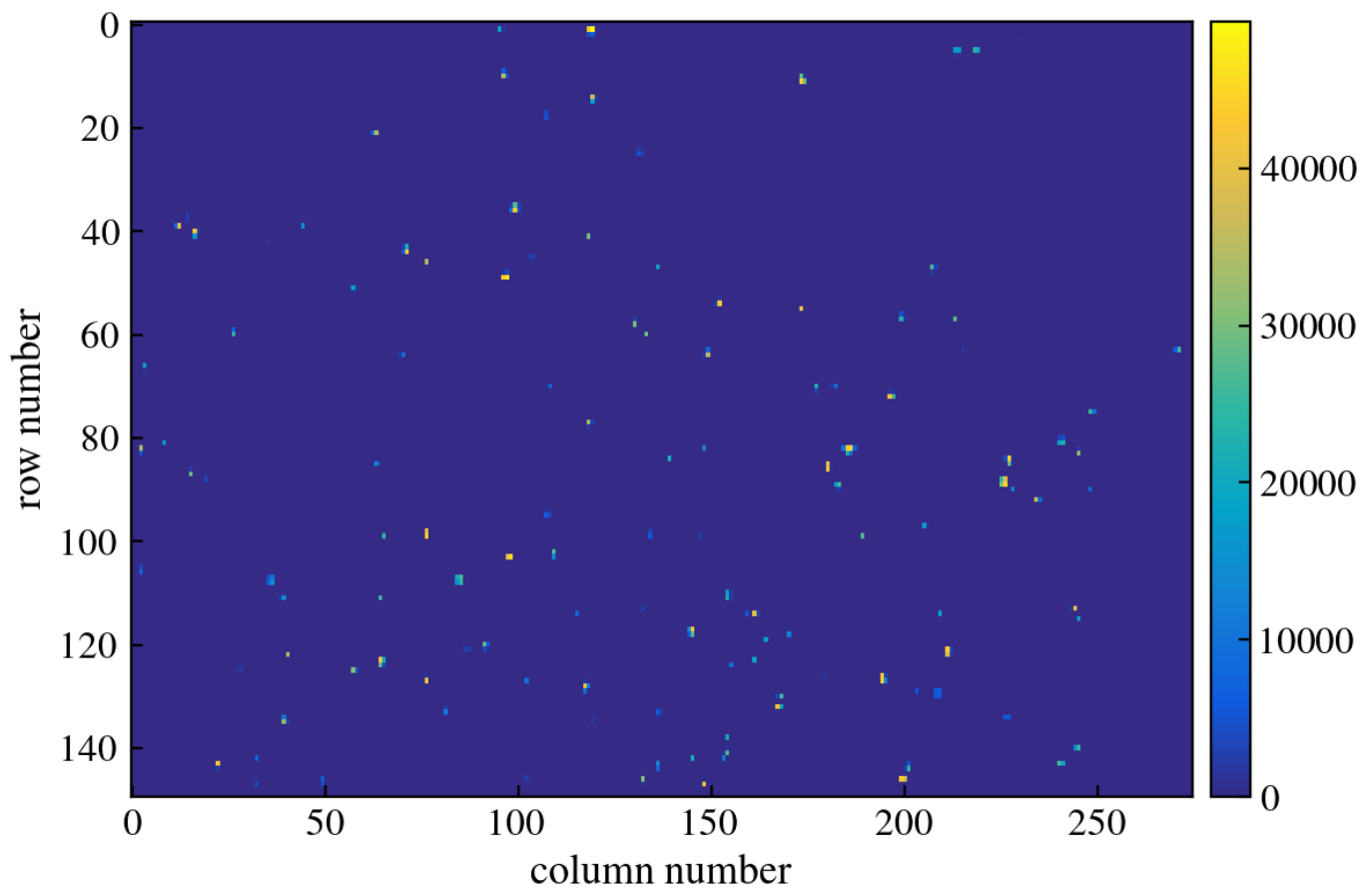


Figure 174: CCD Image

CCD Image: run 147, image 227  
[class MECCDImage]

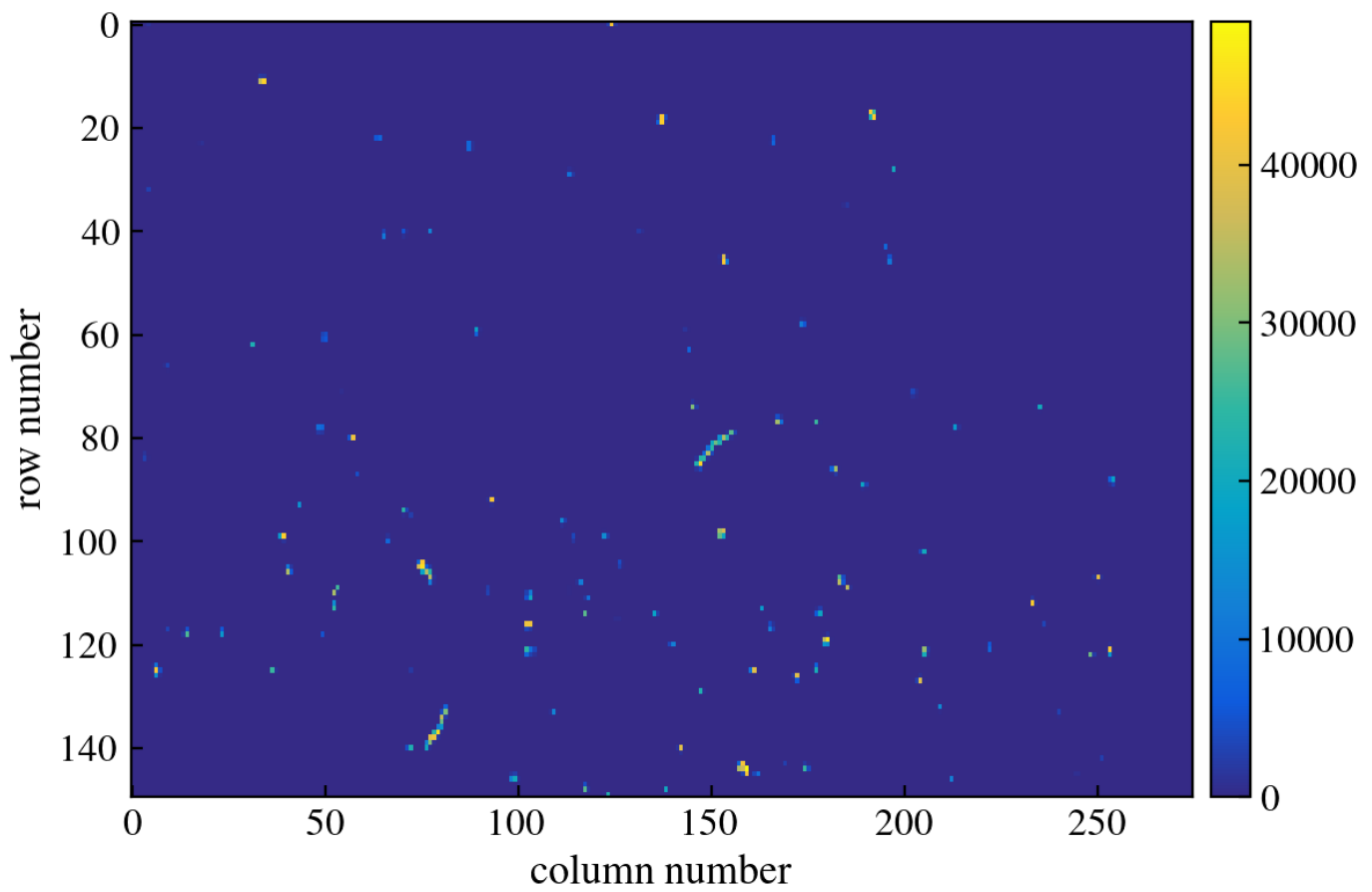


Figure 175: CCD Image

CCD Image: run 147, image 228  
[class MECCDImage]

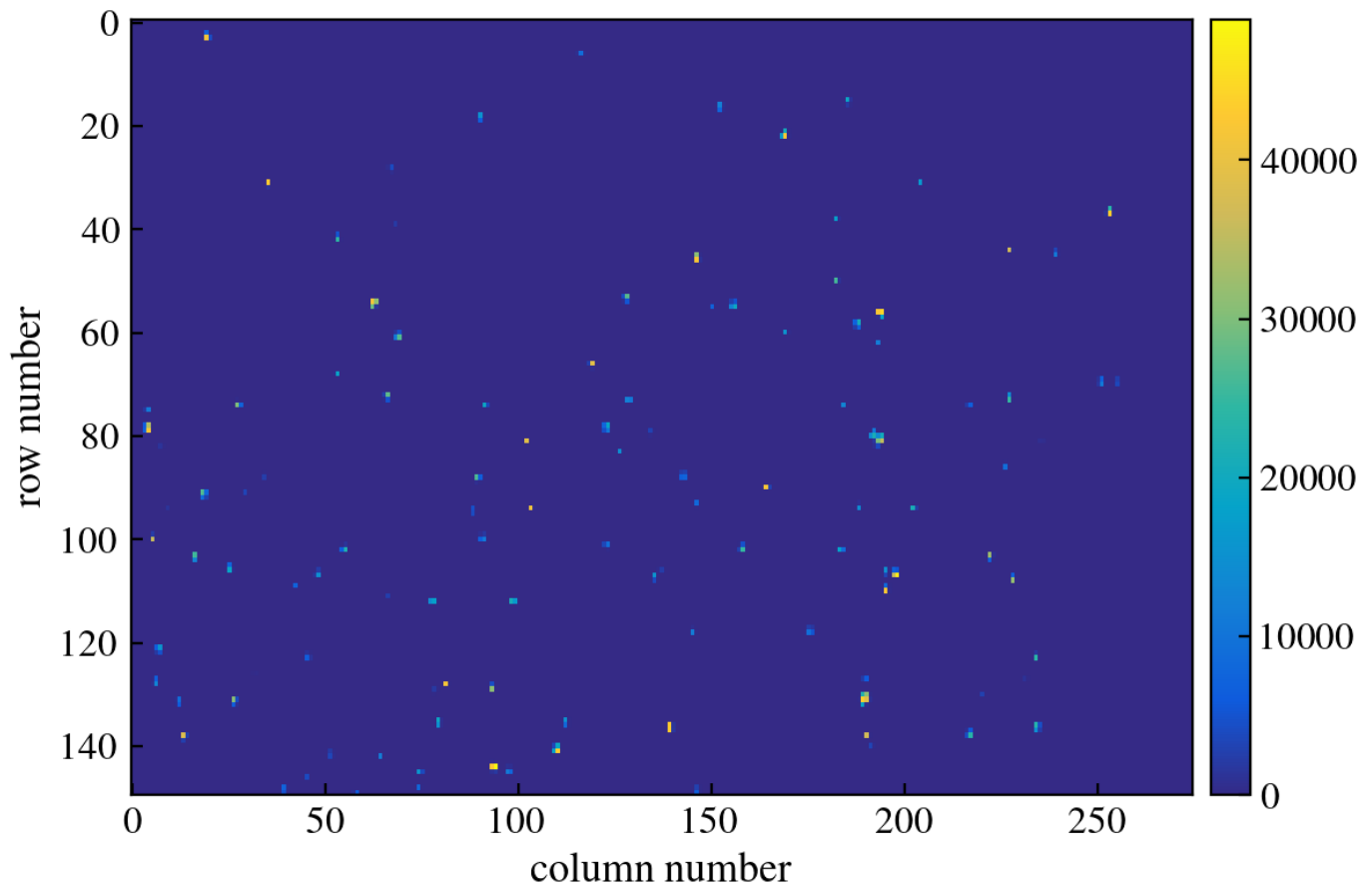


Figure 176: CCD Image

CCD Image: run 147, image 229  
[class MECCDImage]

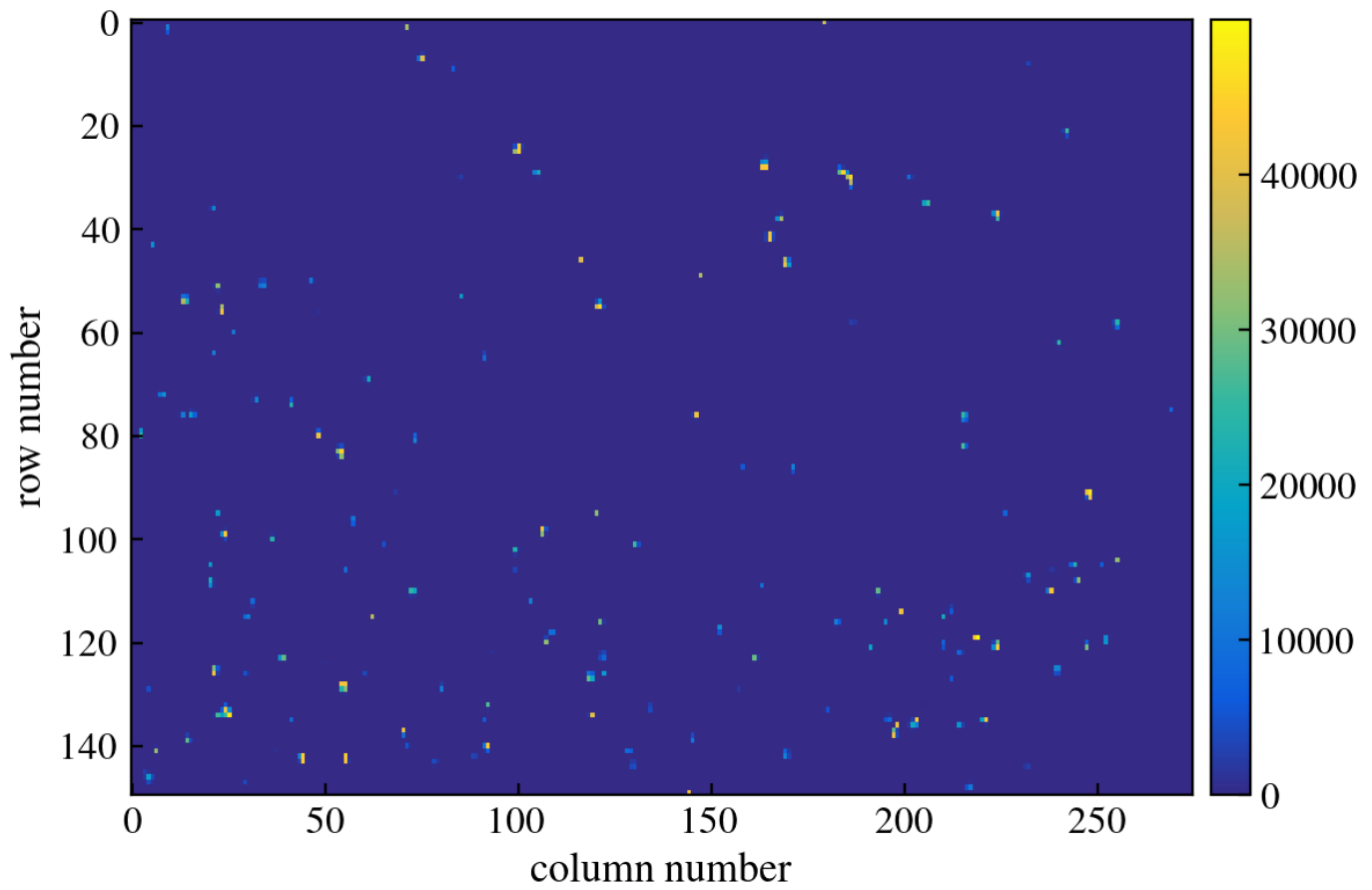


Figure 177: CCD Image

CCD Image: run 147, image 23  
[class MECCDImage]

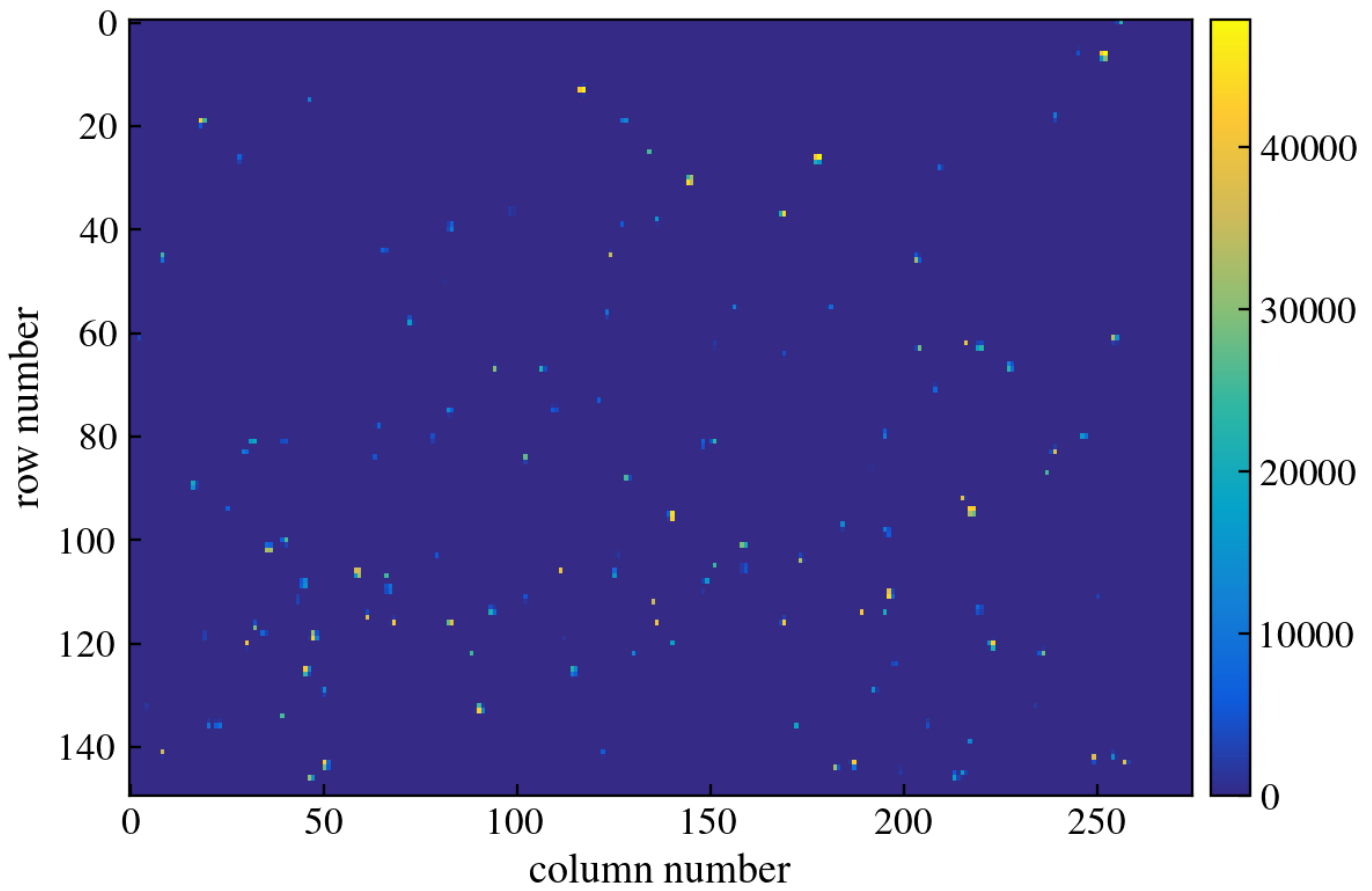


Figure 178: CCD Image

CCD Image: run 147, image 230  
[class MECCDImage]

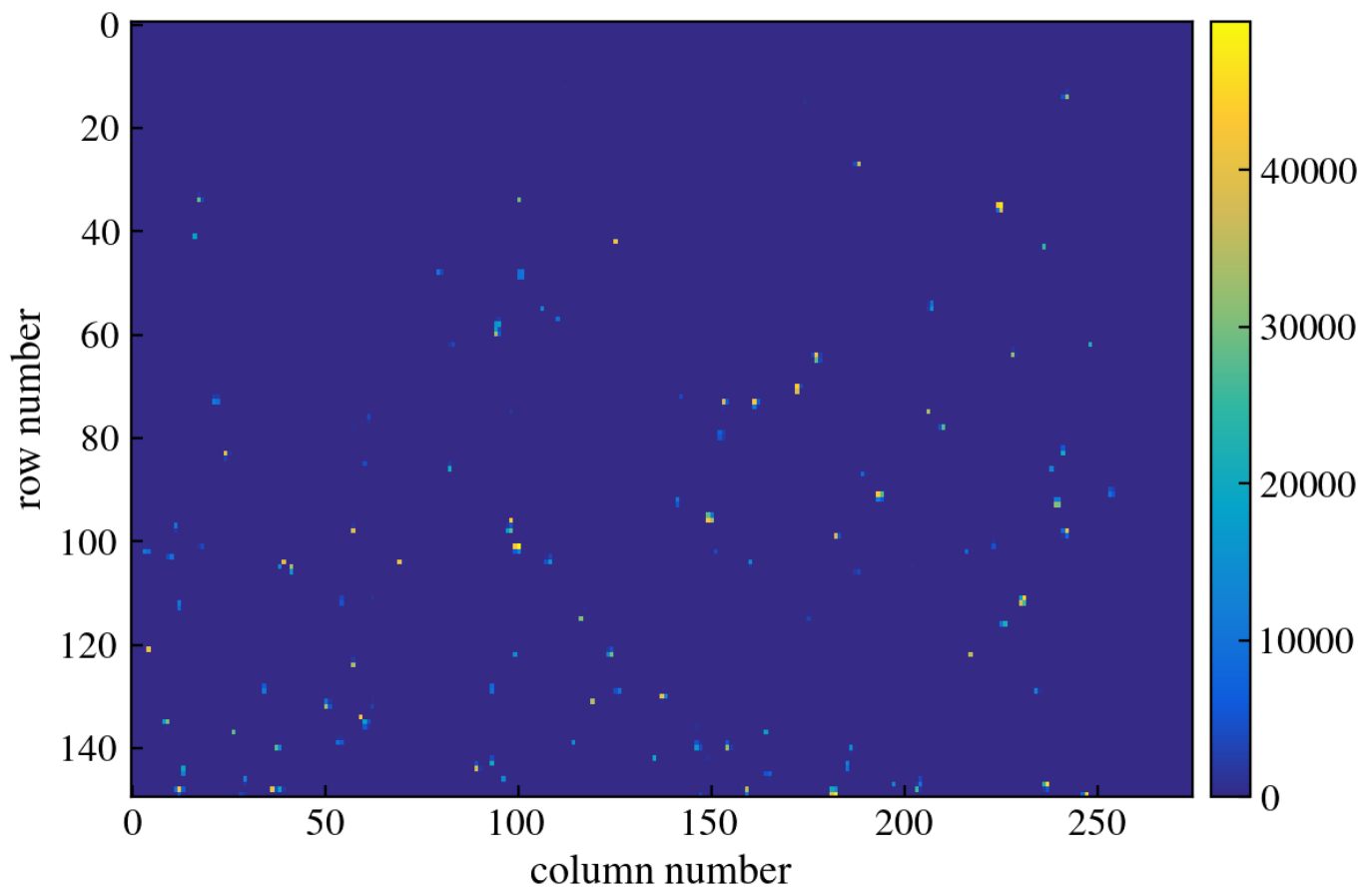


Figure 179: CCD Image



CCD Image: run 147, image 231  
[class MECCDImage]

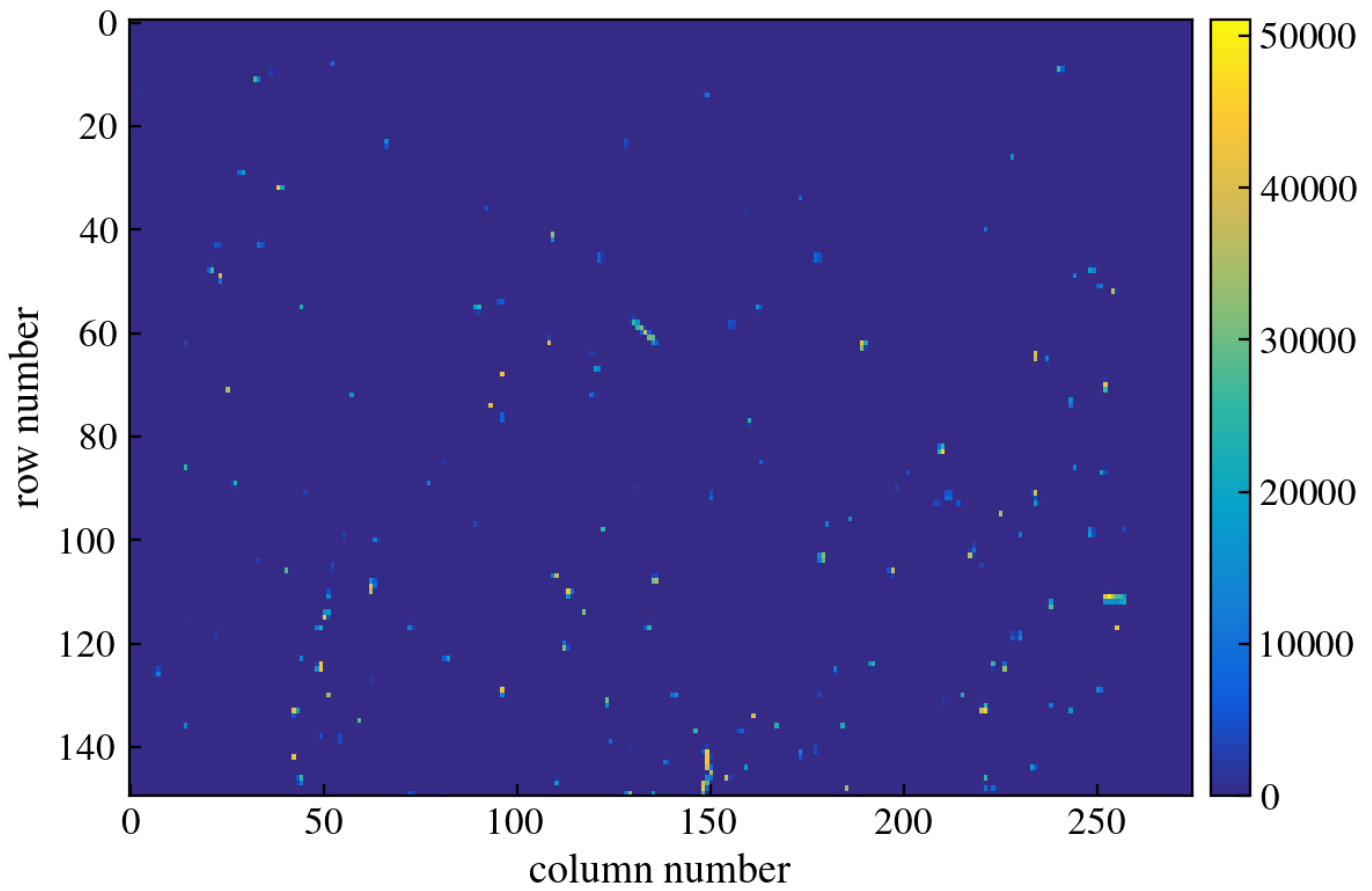


Figure 180: CCD Image

CCD Image: run 147, image 232  
[class MECCDImage]

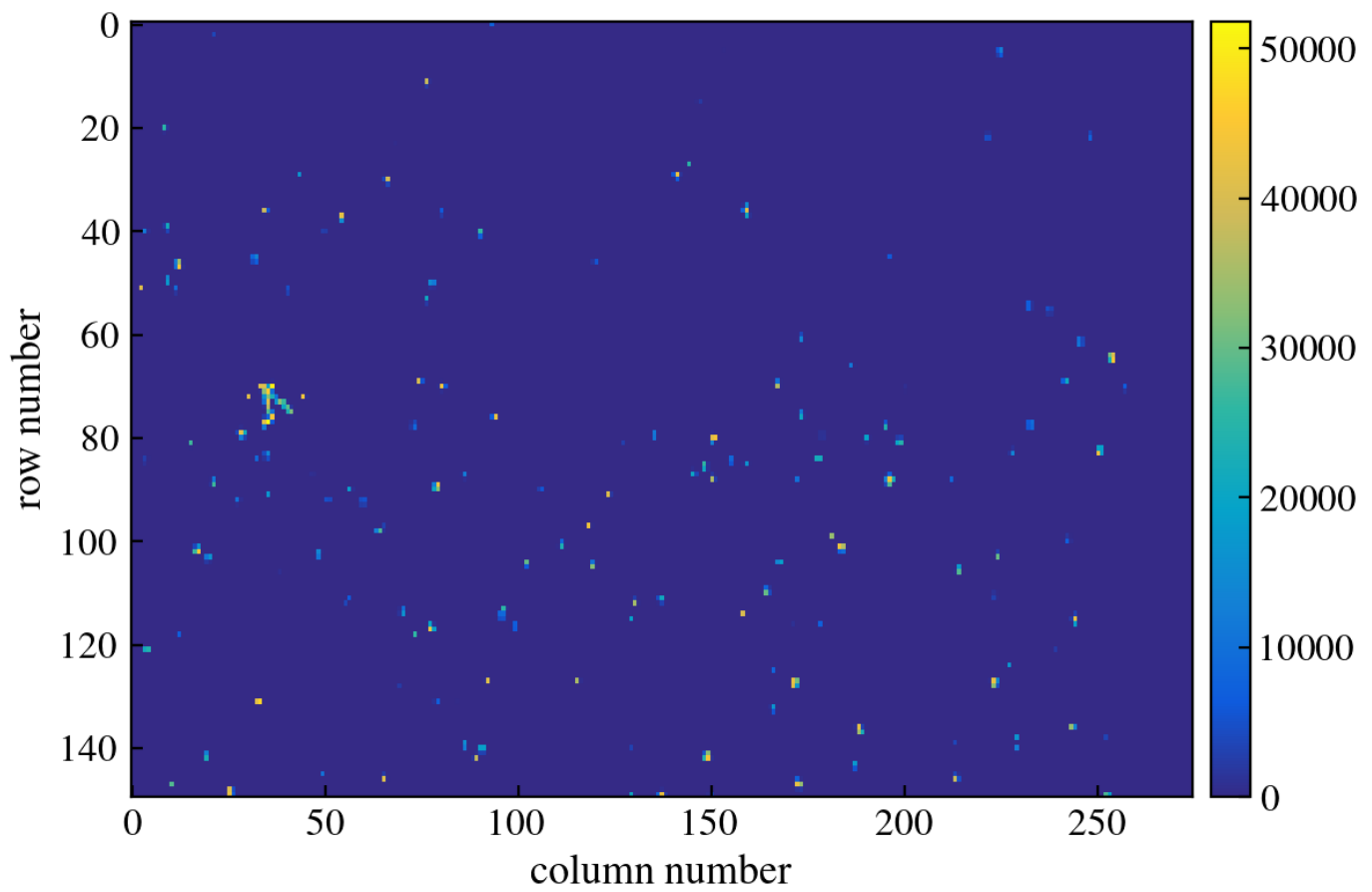


Figure 181: CCD Image

CCD Image: run 147, image 233  
[class MECCDImage]

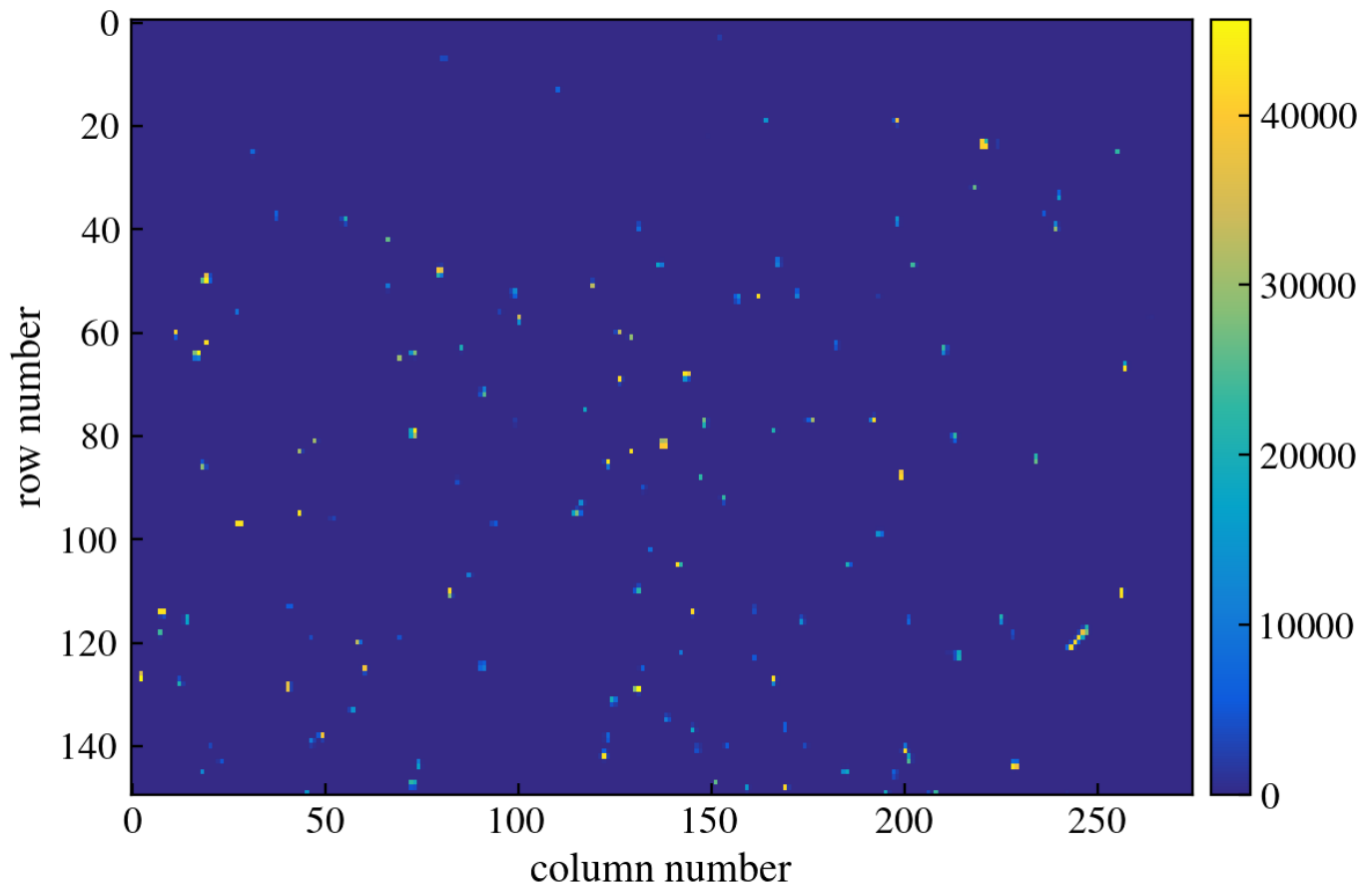


Figure 182: CCD Image

CCD Image: run 147, image 234  
[class MECCDImage]

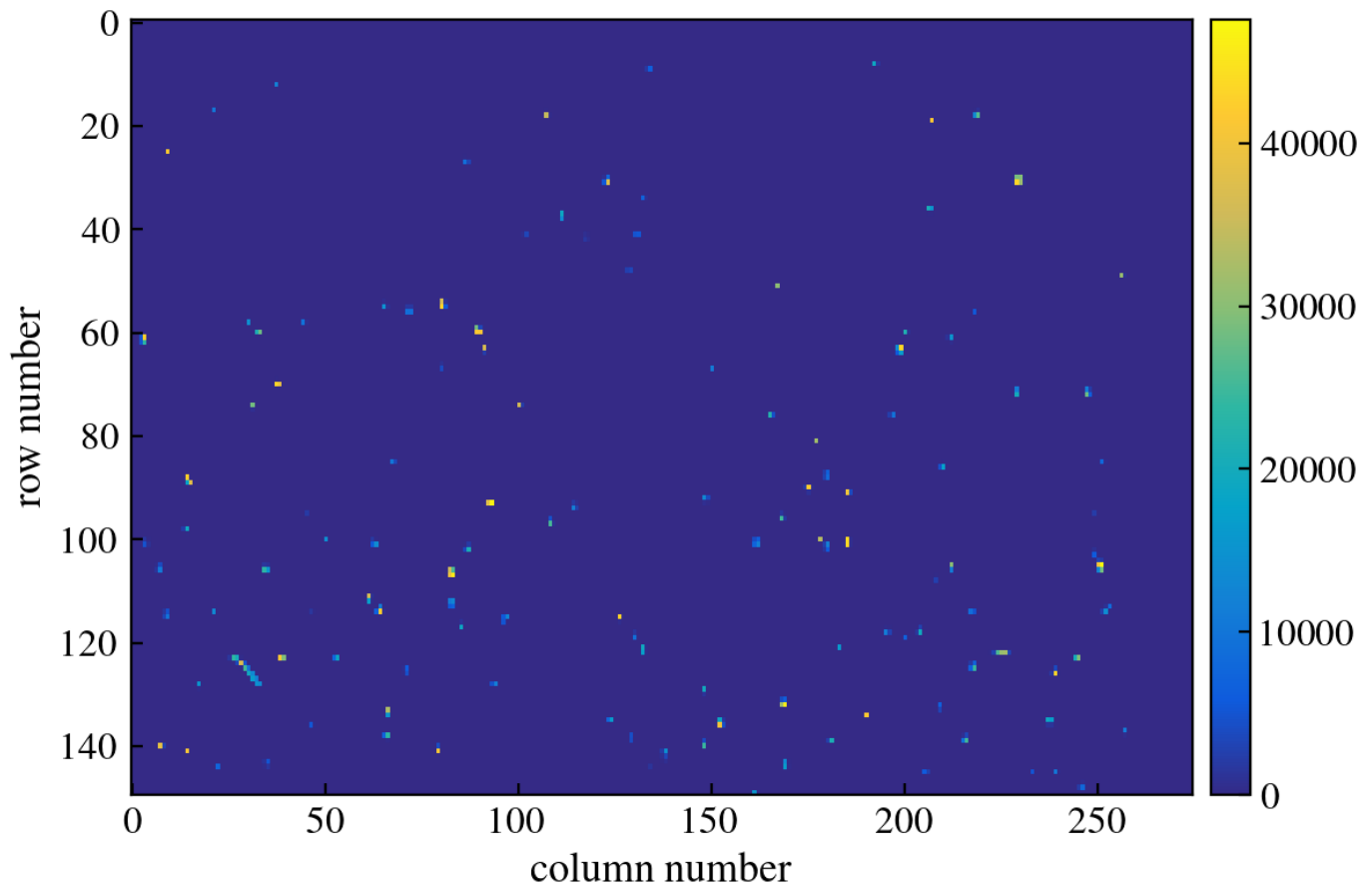


Figure 183: CCD Image

CCD Image: run 147, image 235  
[class MECCDImage]

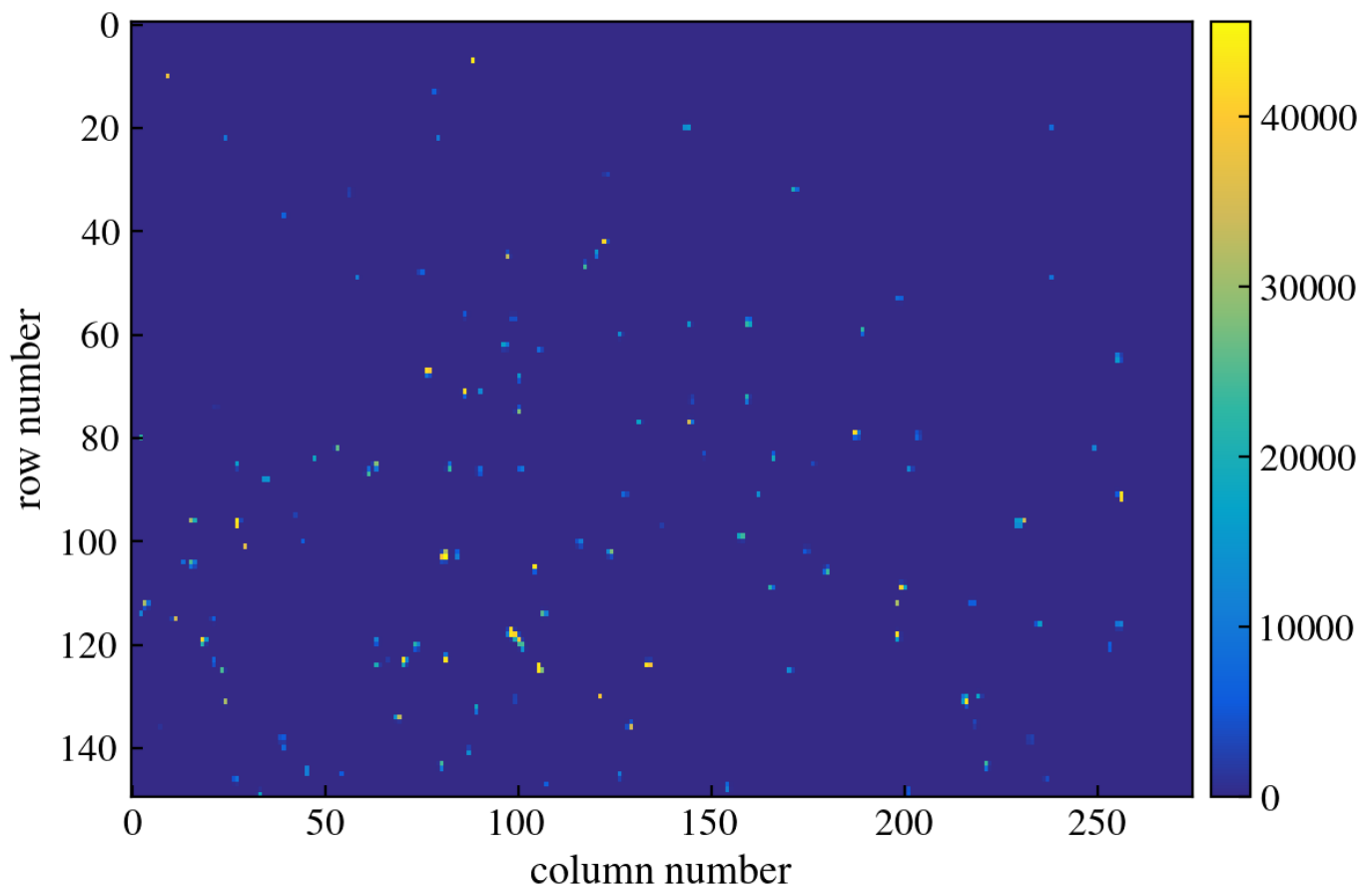


Figure 184: CCD Image

CCD Image: run 147, image 236  
[class MECCDImage]

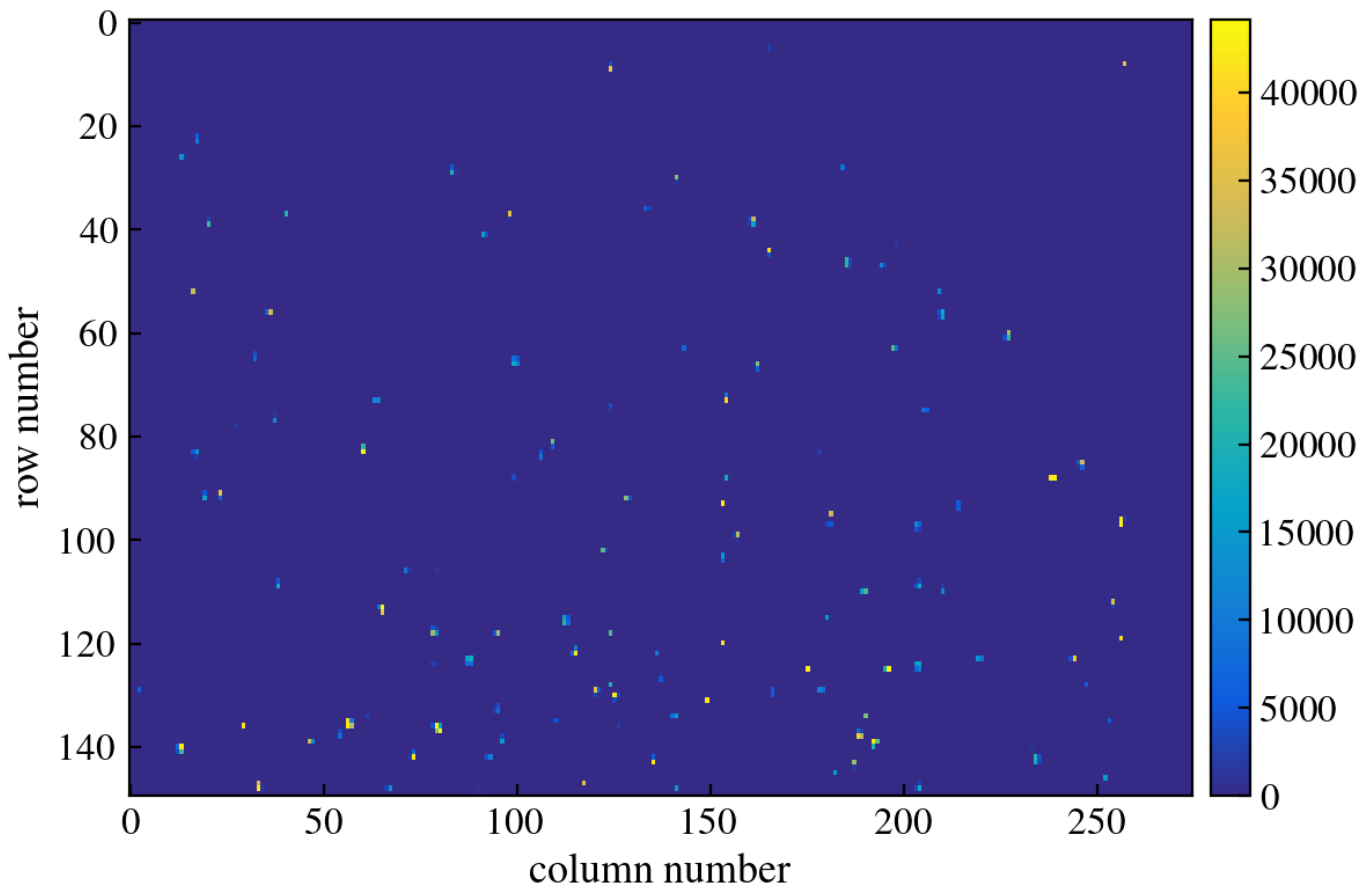


Figure 185: CCD Image

CCD Image: run 147, image 237  
[class MECCDImage]

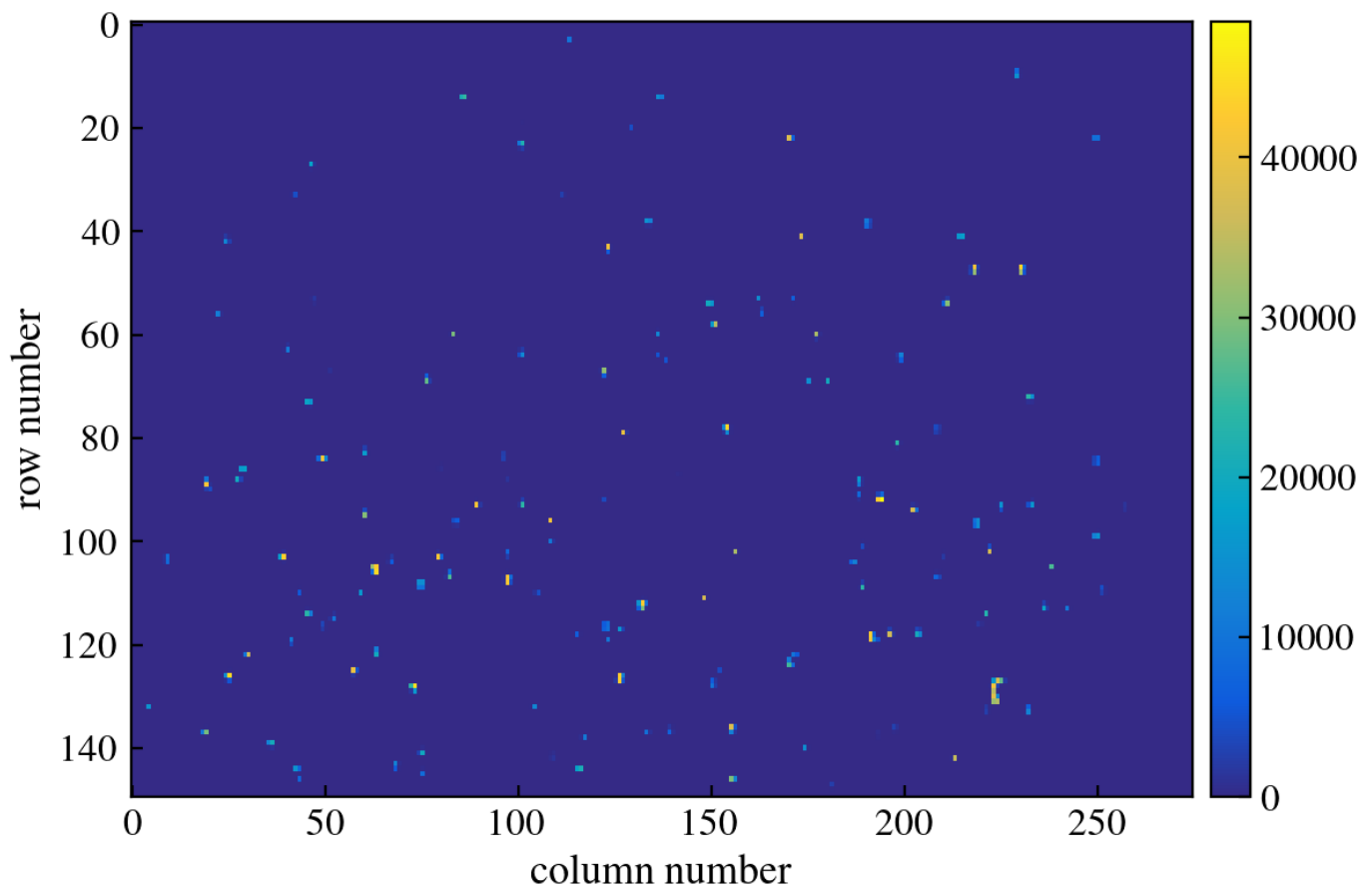


Figure 186: CCD Image

CCD Image: run 147, image 238  
[class MECCDImage]

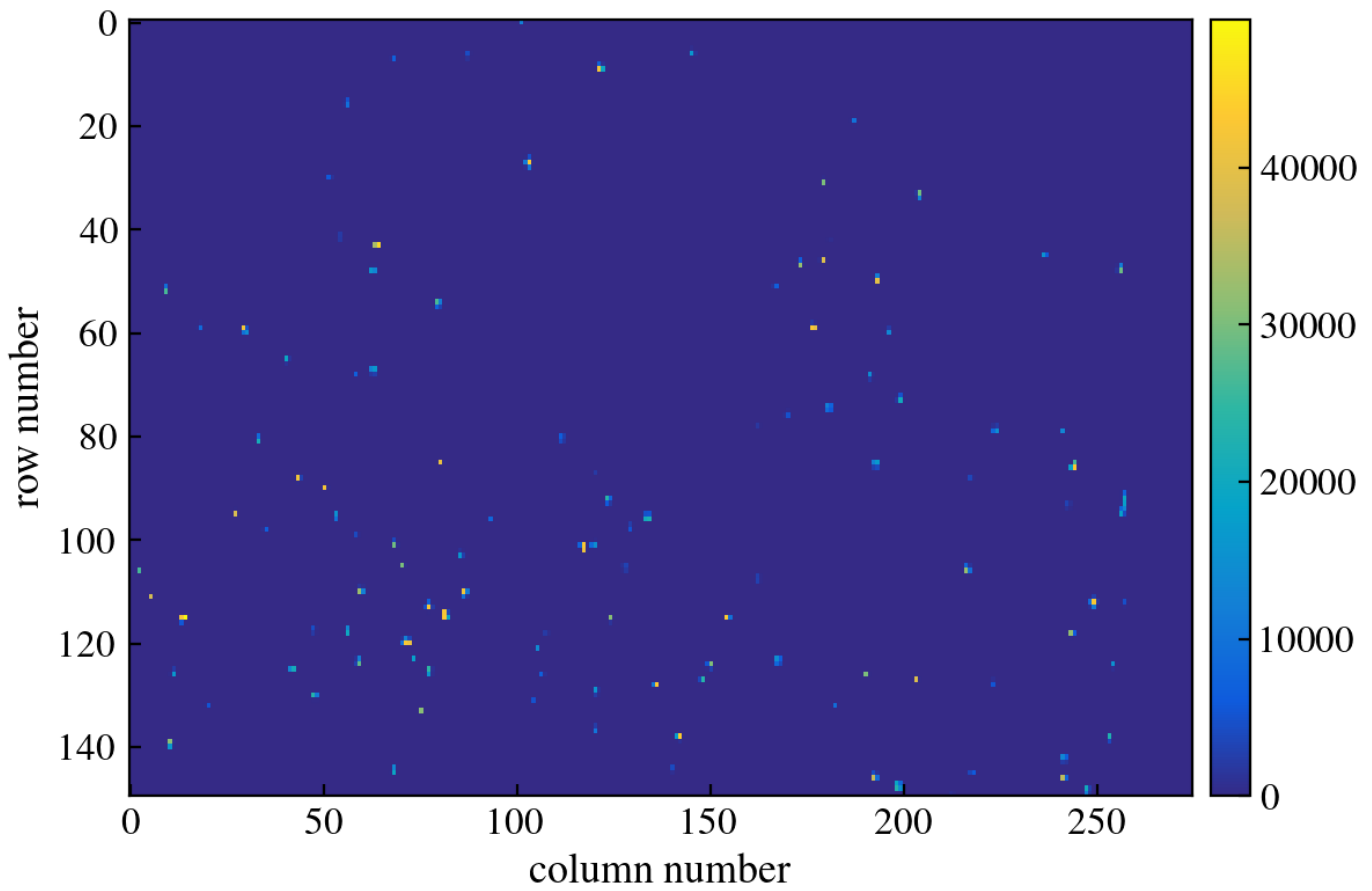


Figure 187: CCD Image



CCD Image: run 147, image 239  
[class MECCDImage]

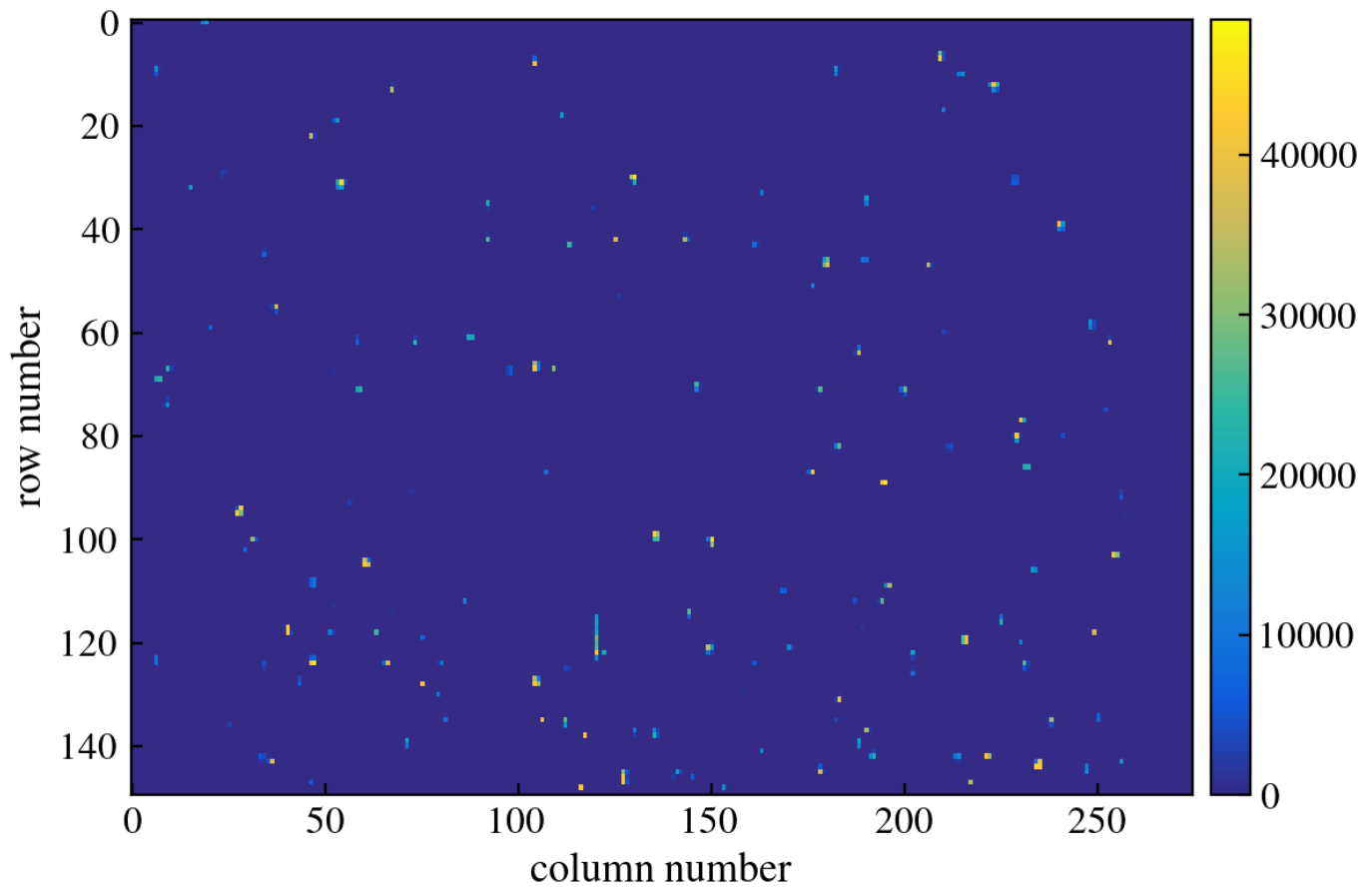


Figure 188: CCD Image

CCD Image: run 147, image 24  
[class MECCDImage]

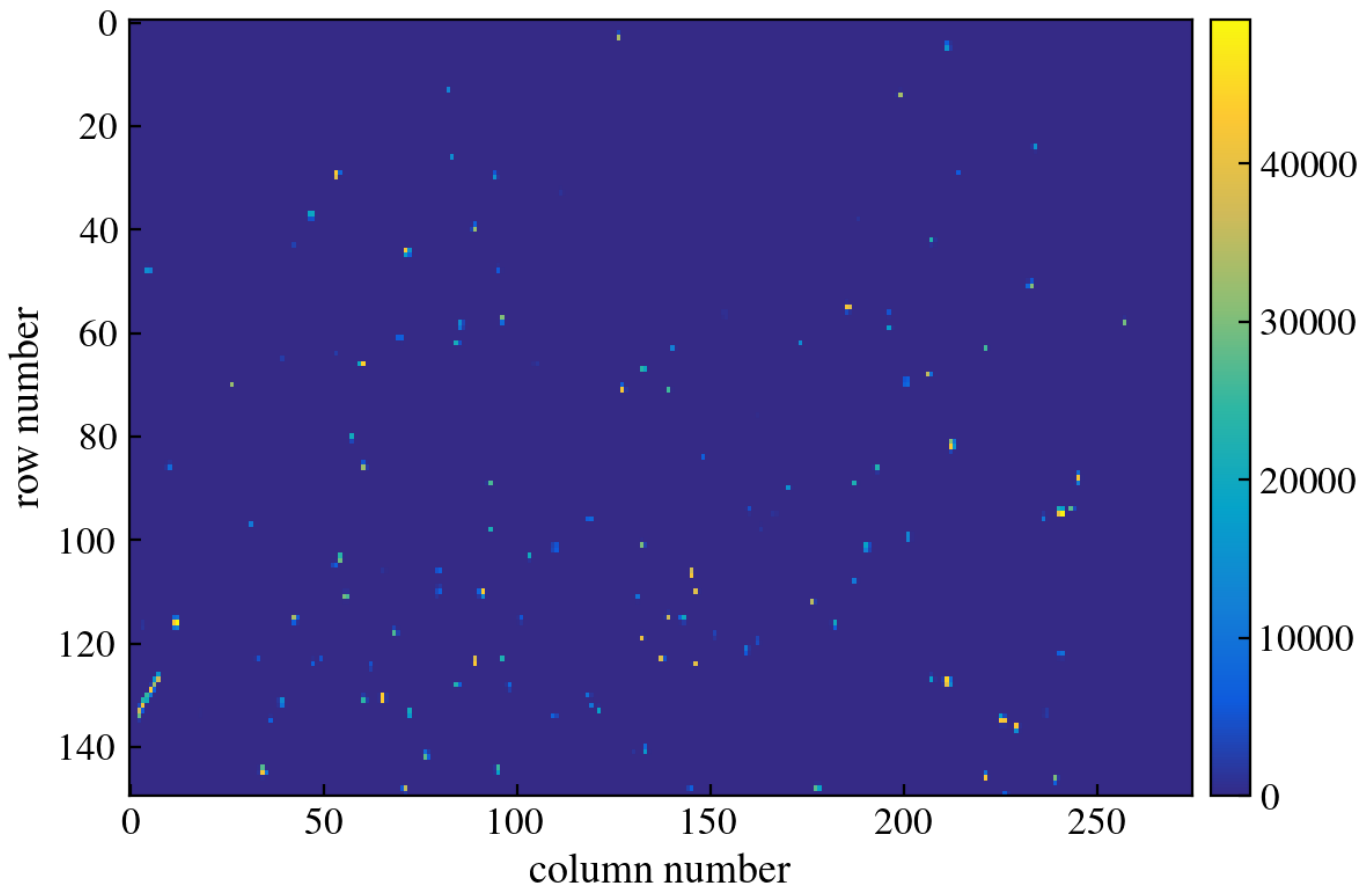


Figure 189: CCD Image

CCD Image: run 147, image 240  
[class MECCDImage]

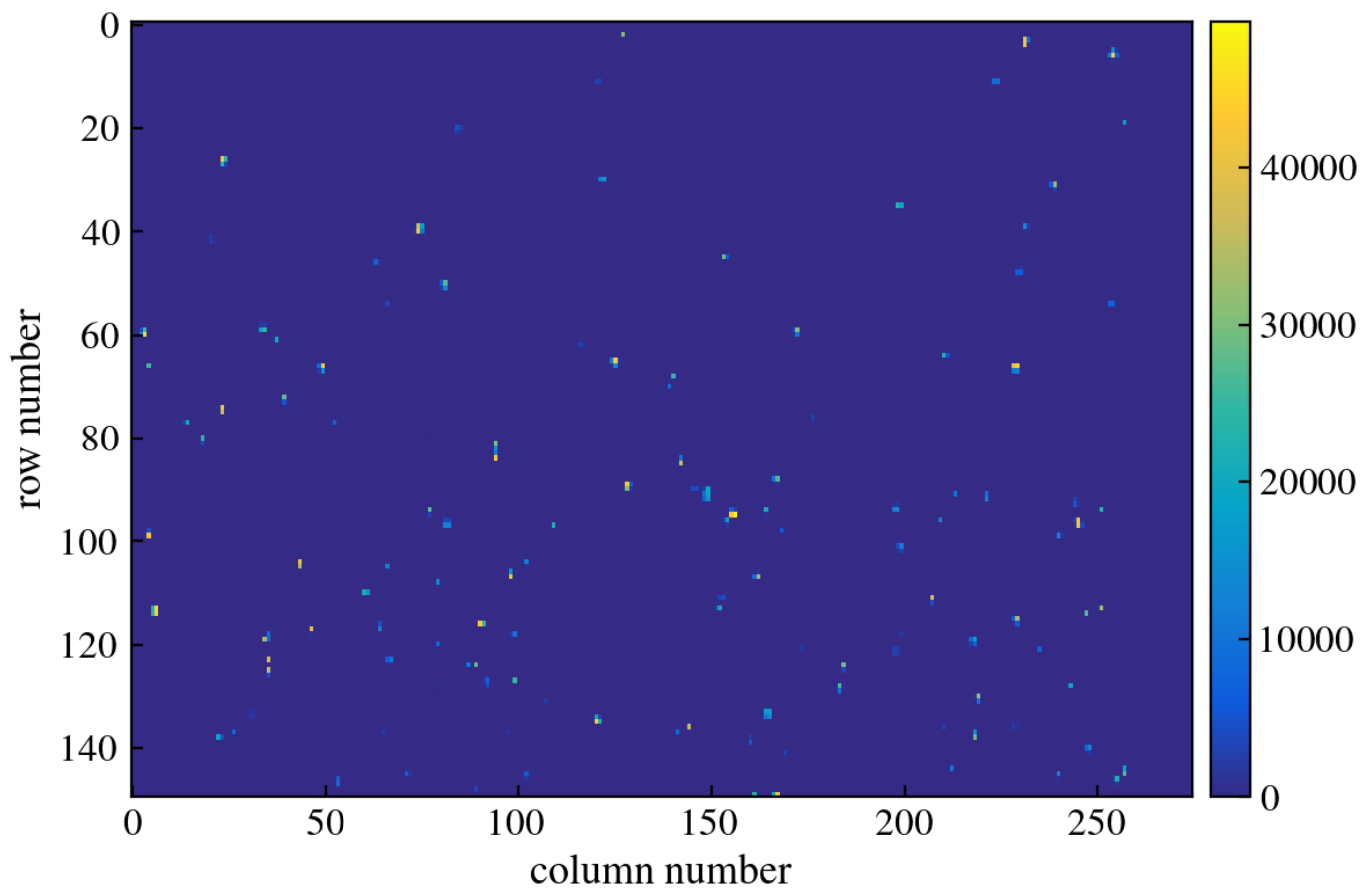


Figure 190: CCD Image

CCD Image: run 147, image 241  
[class MECCDImage]

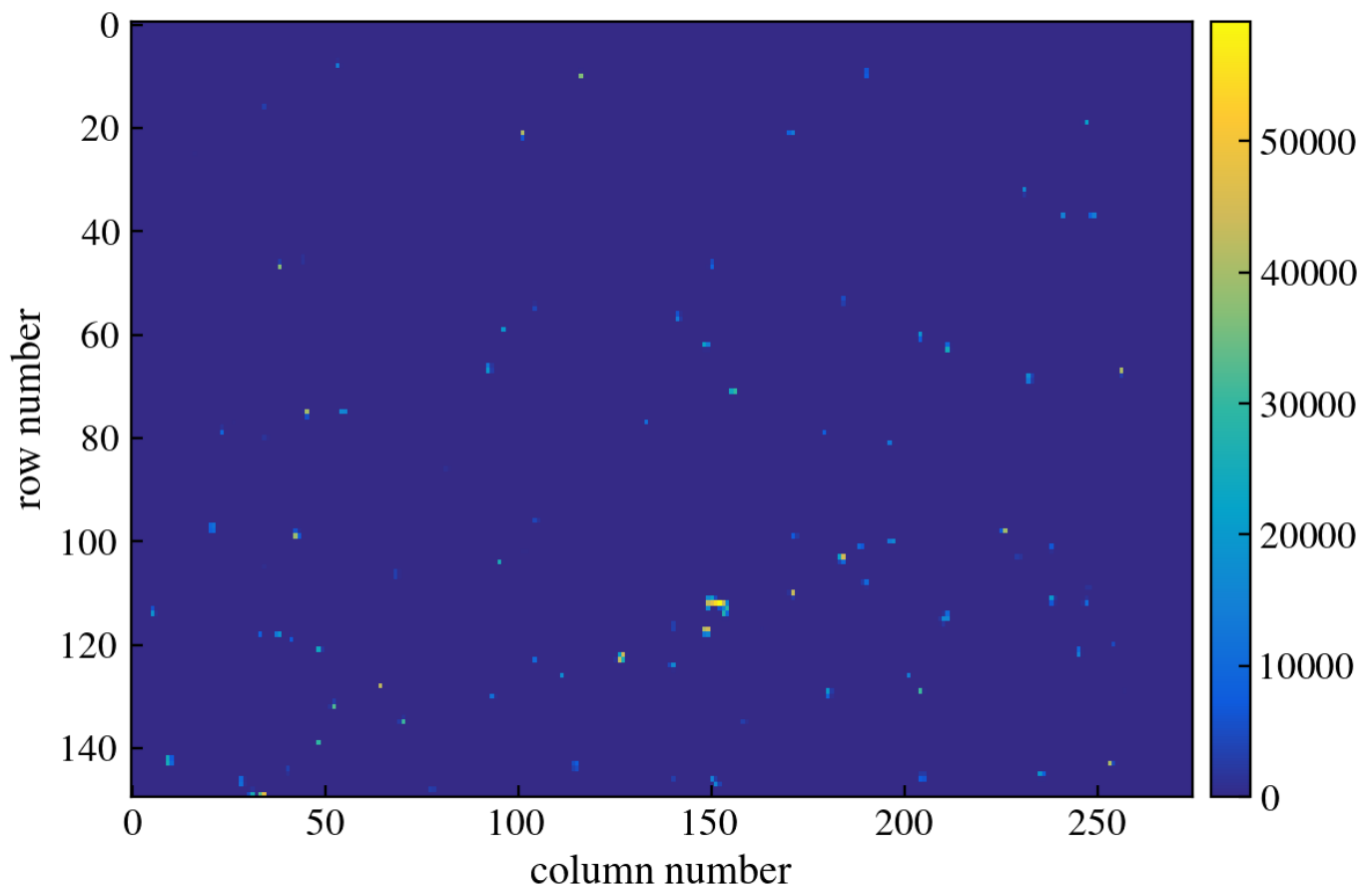


Figure 191: CCD Image

CCD Image: run 147, image 242  
[class MECCDImage]

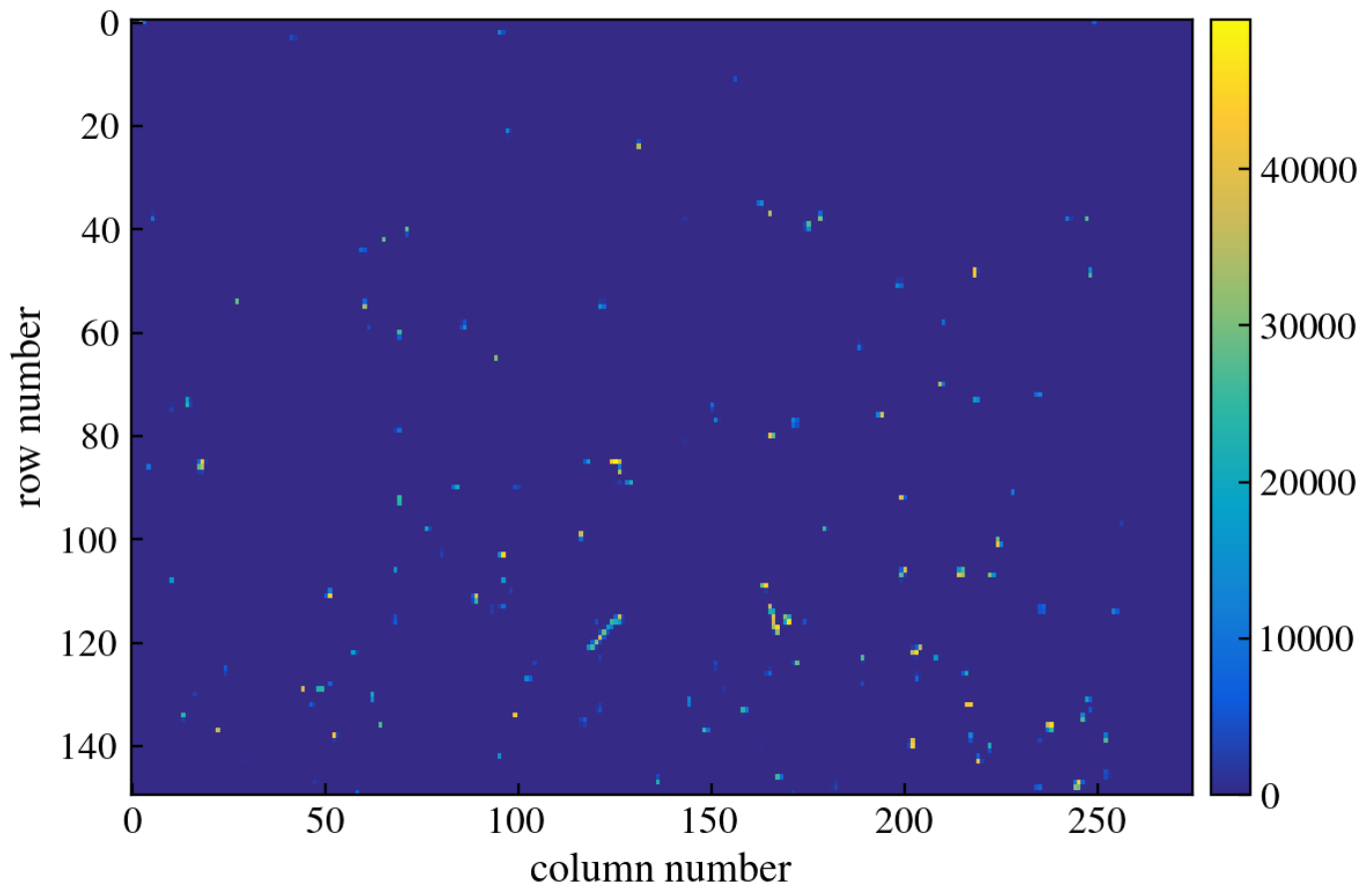


Figure 192: CCD Image

CCD Image: run 147, image 243  
[class MECCDImage]

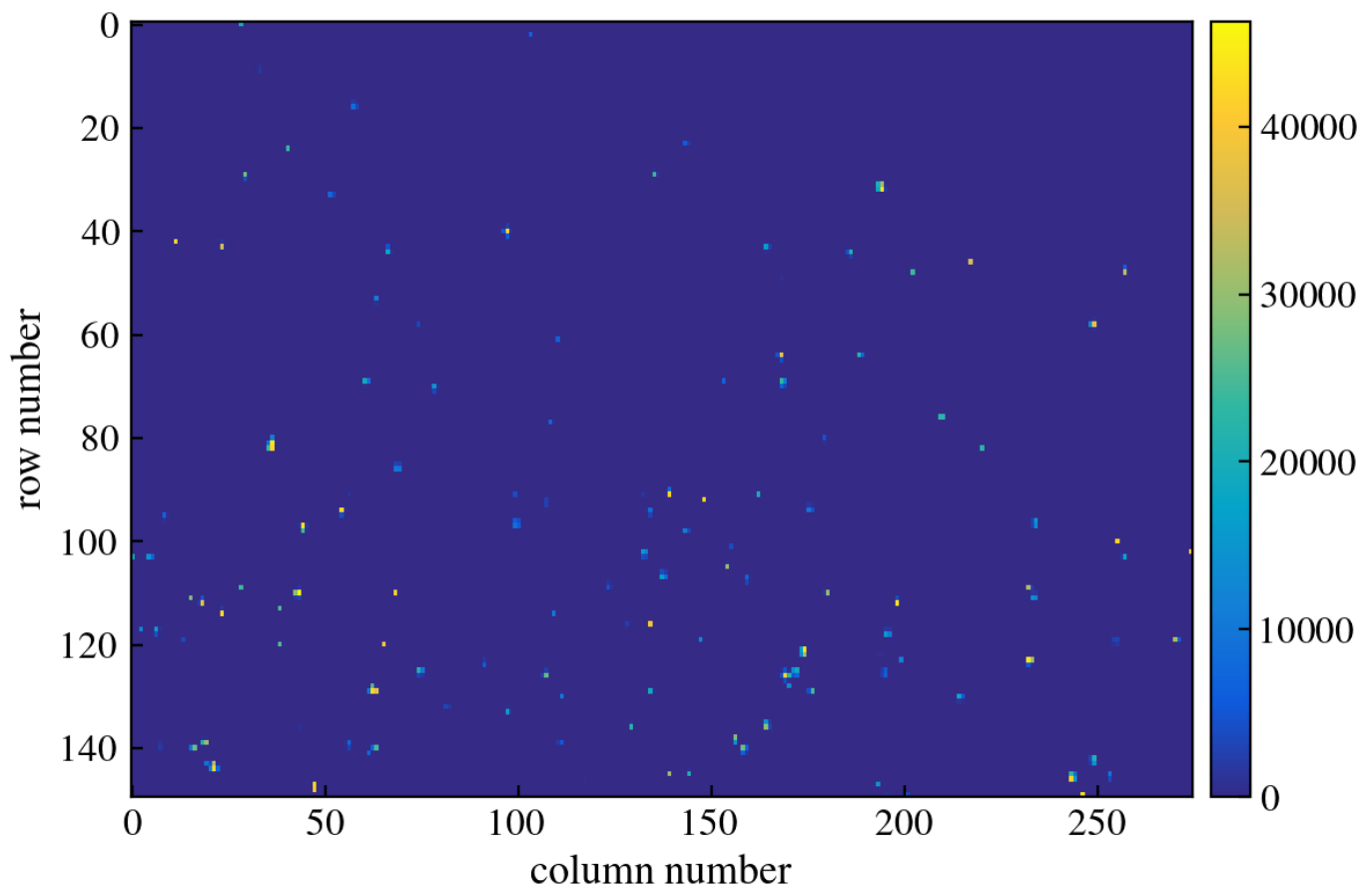


Figure 193: CCD Image

CCD Image: run 147, image 244  
[class MECCDImage]

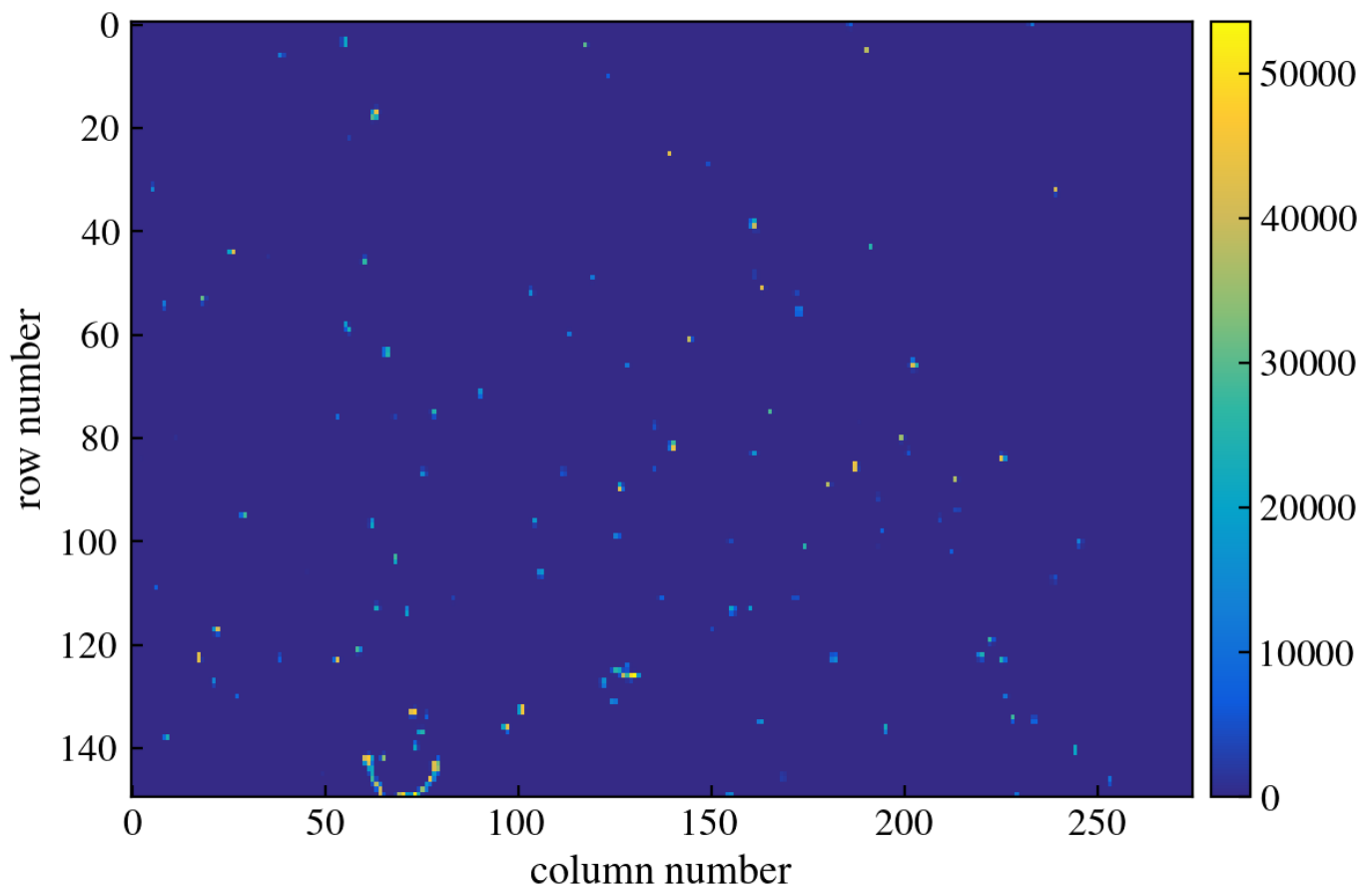


Figure 194: CCD Image

CCD Image: run 147, image 245  
[class MECCDImage]

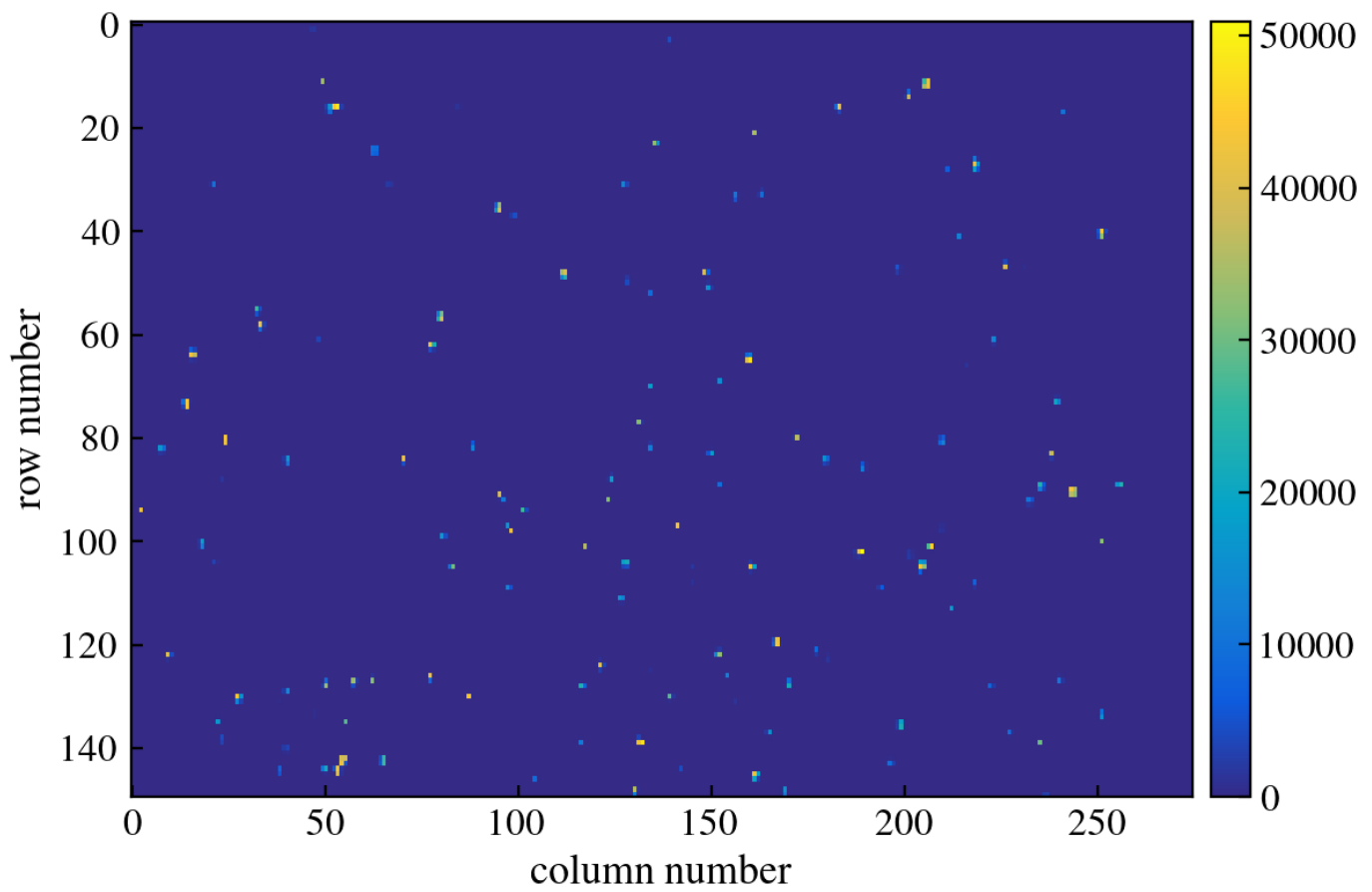


Figure 195: CCD Image



CCD Image: run 147, image 246  
[class MECCDImage]

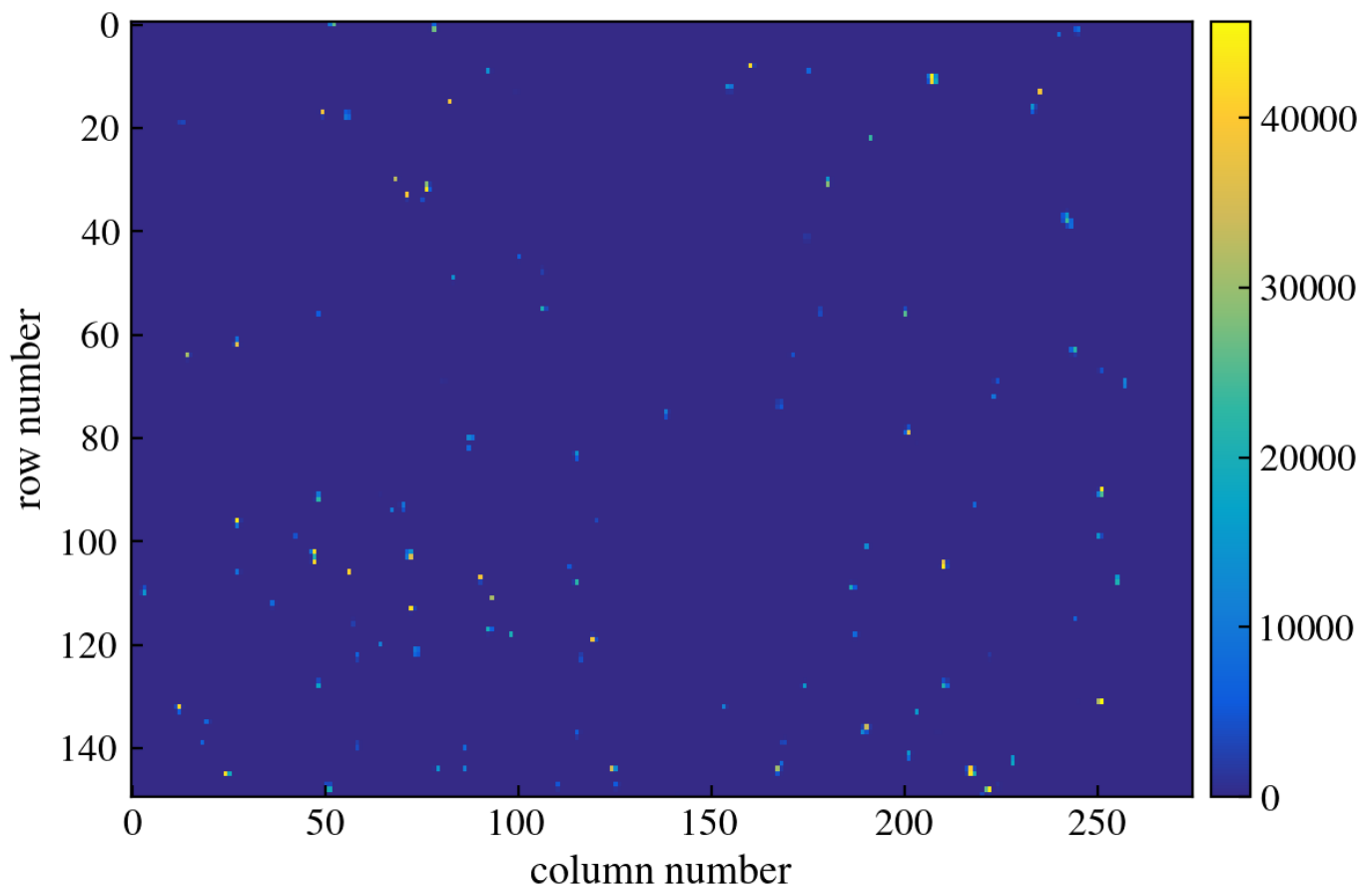


Figure 196: CCD Image

CCD Image: run 147, image 247  
[class MECCDImage]

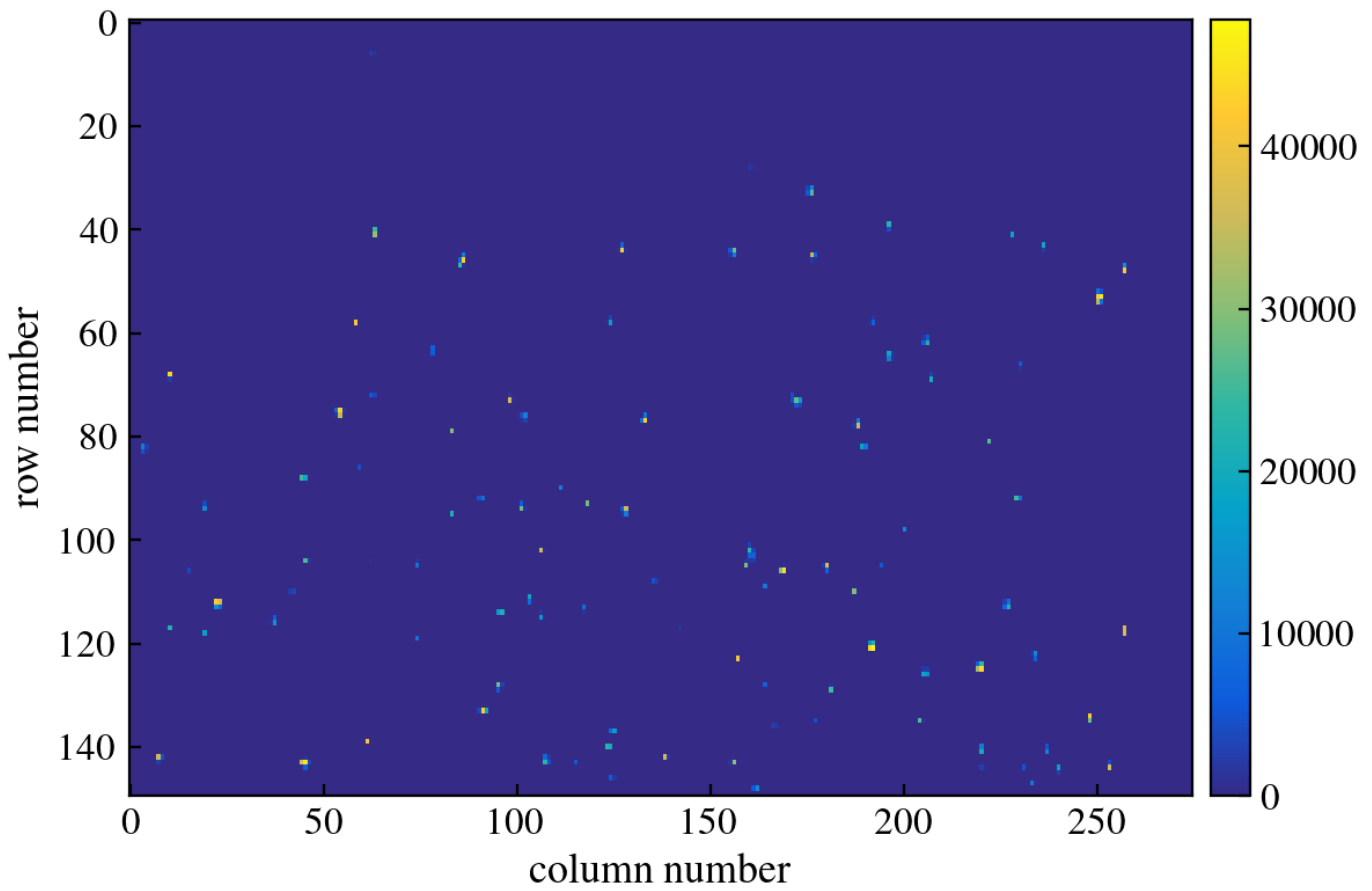


Figure 197: CCD Image

CCD Image: run 147, image 248  
[class MECCDImage]

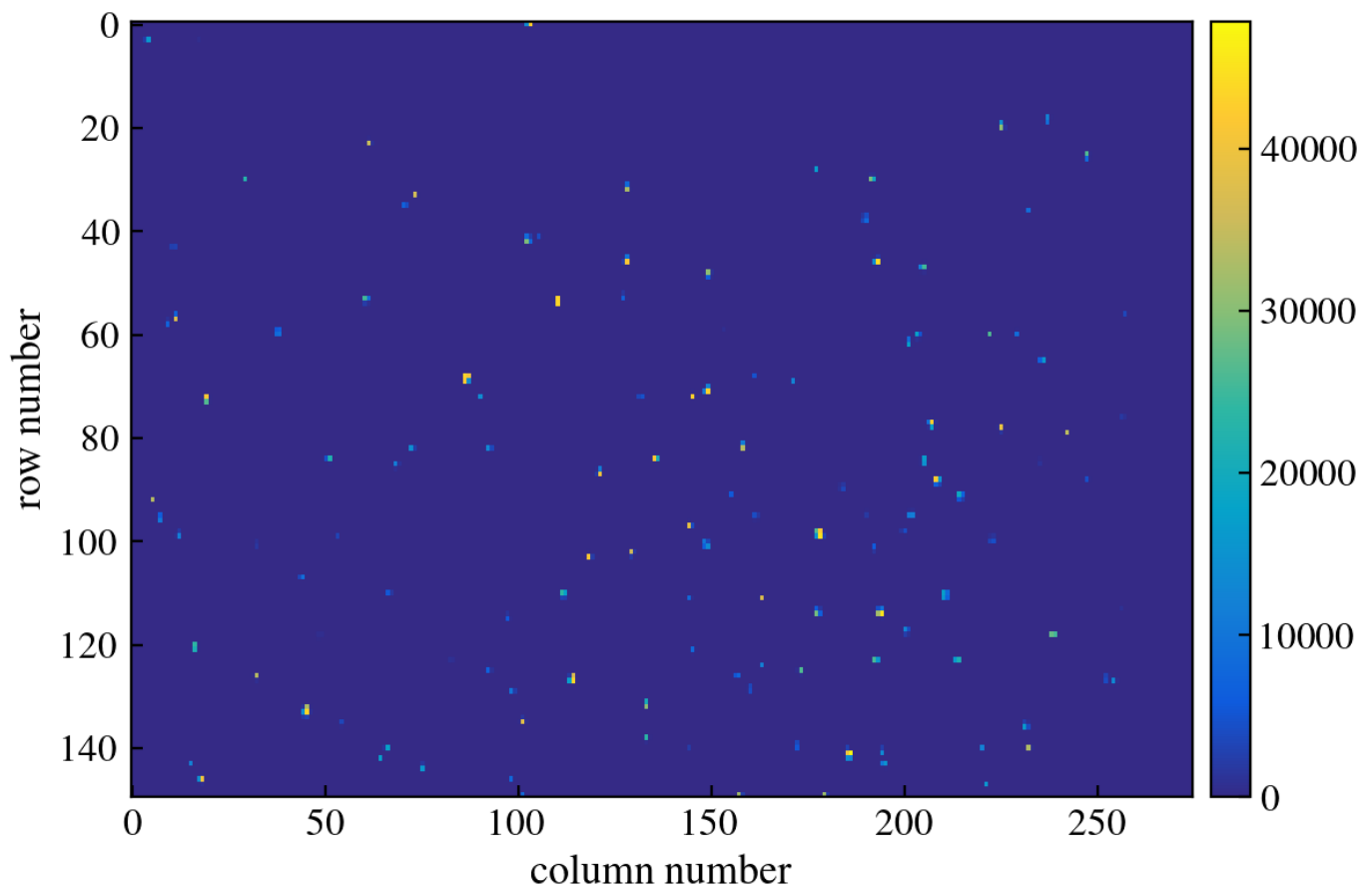


Figure 198: CCD Image

CCD Image: run 147, image 249  
[class MECCDImage]

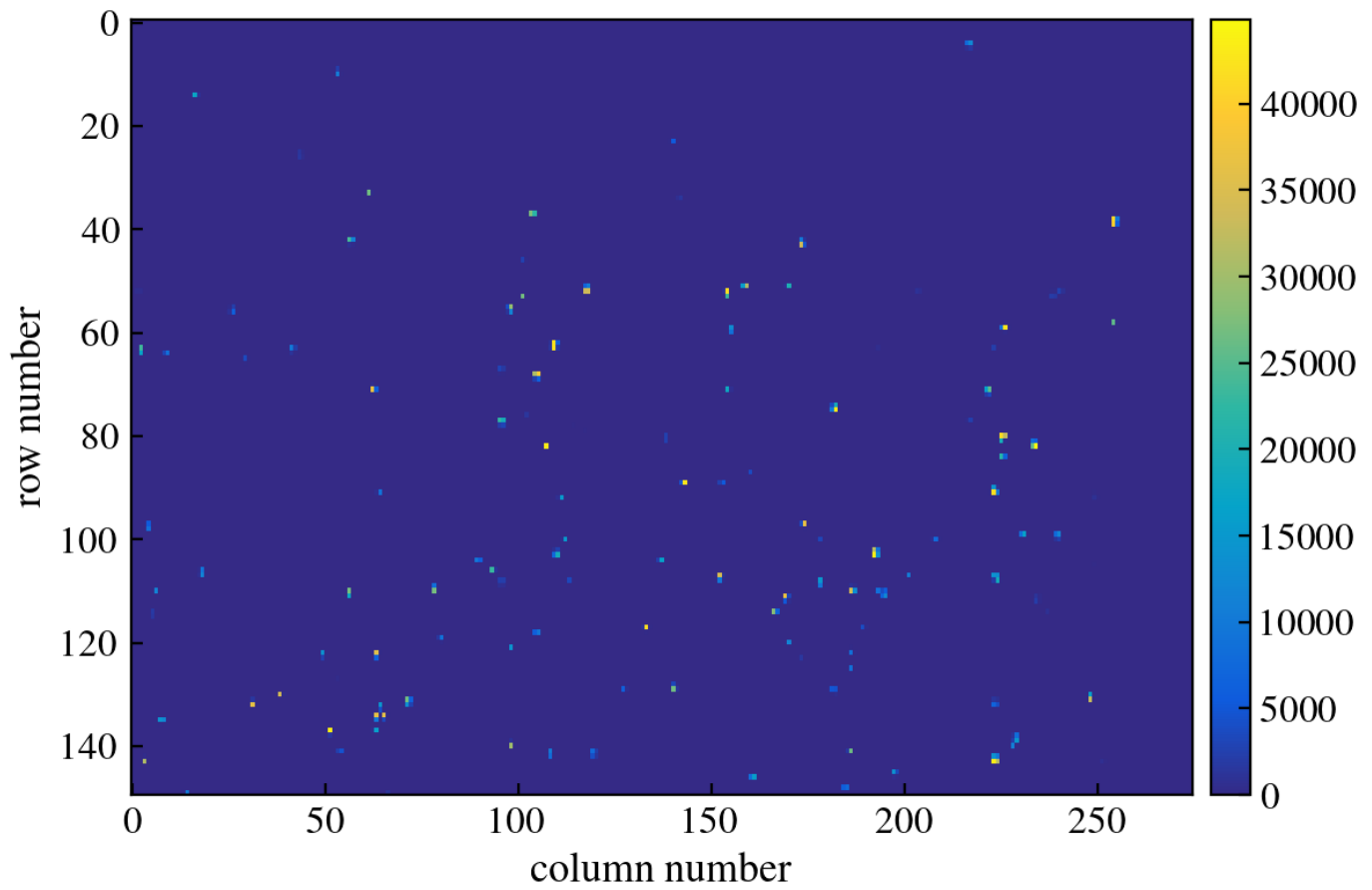


Figure 199: CCD Image

CCD Image: run 147, image 25  
[class MECCDImage]

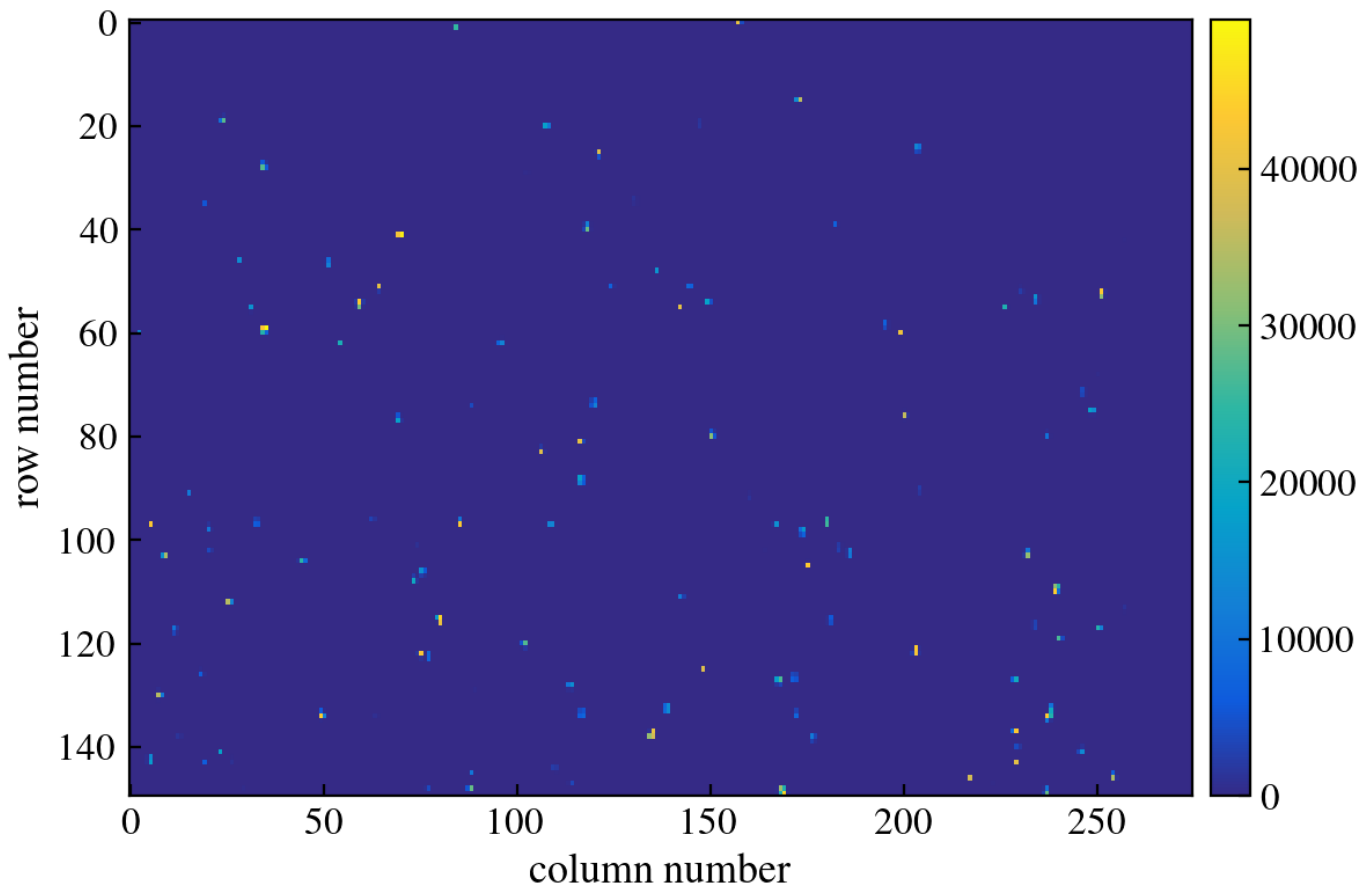


Figure 200: CCD Image

CCD Image: run 147, image 250  
[class MECCDImage]

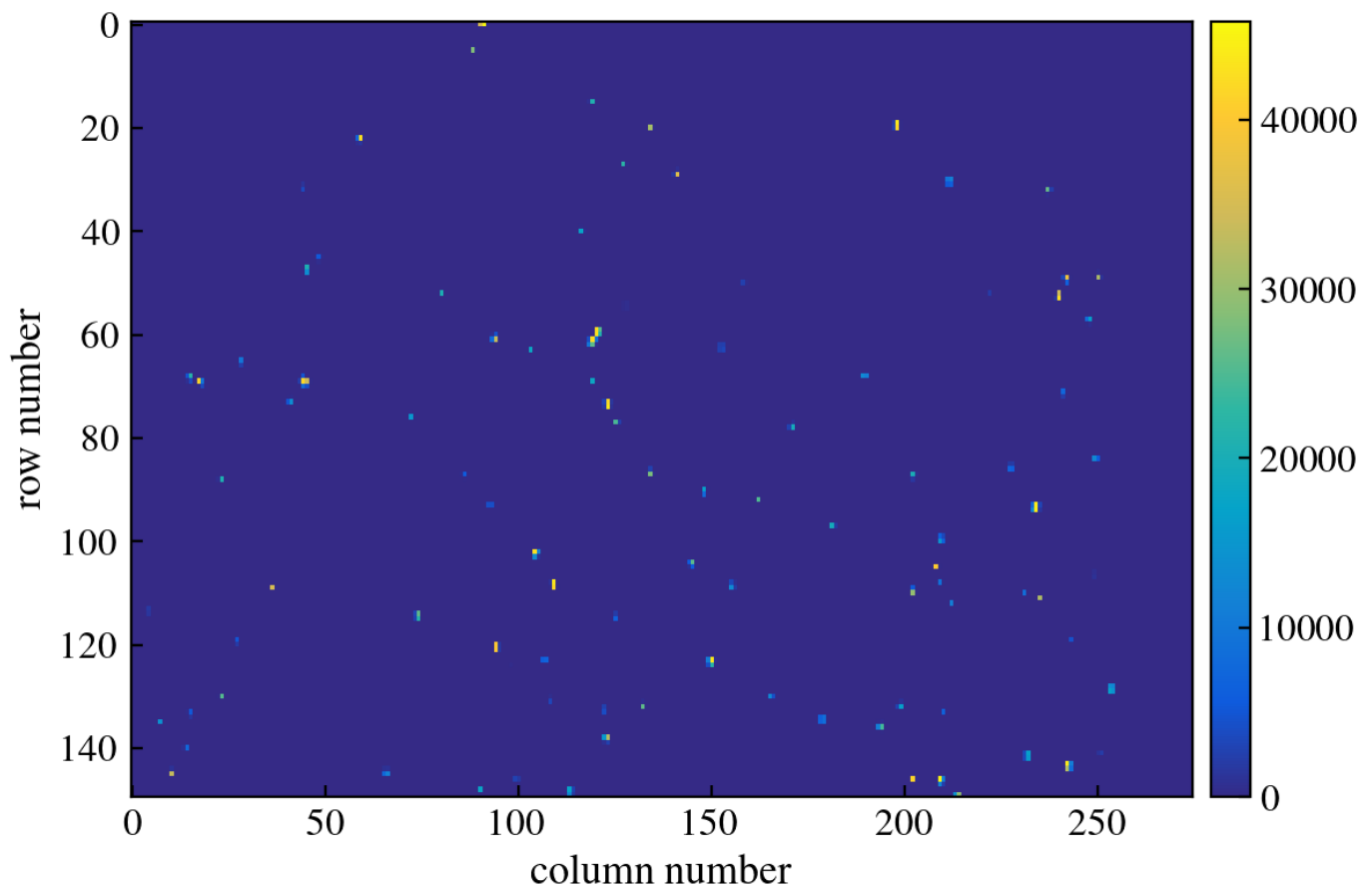


Figure 201: CCD Image

CCD Image: run 147, image 251  
[class MECCDImage]

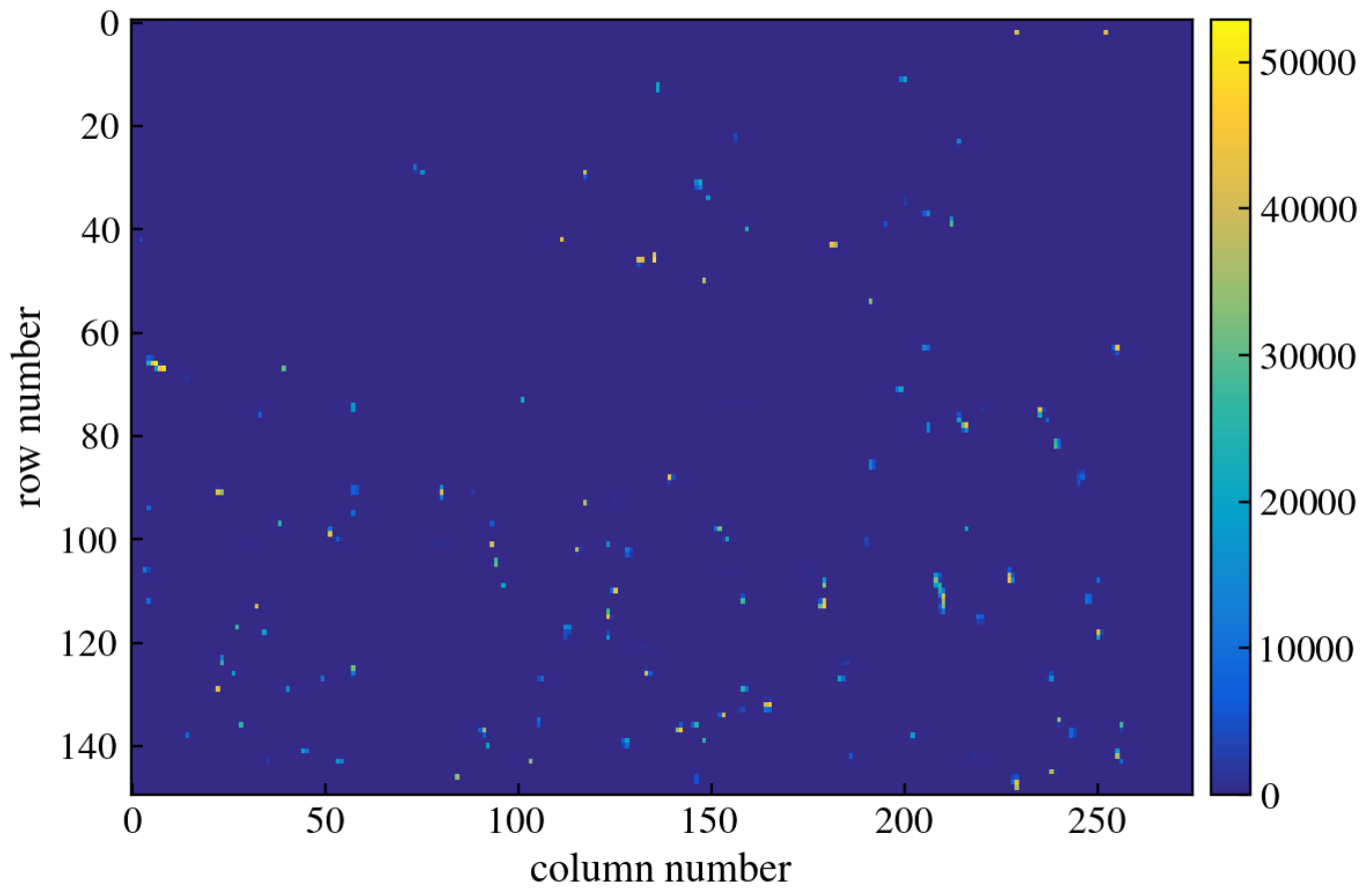


Figure 202: CCD Image

CCD Image: run 147, image 252  
[class MECCDImage]

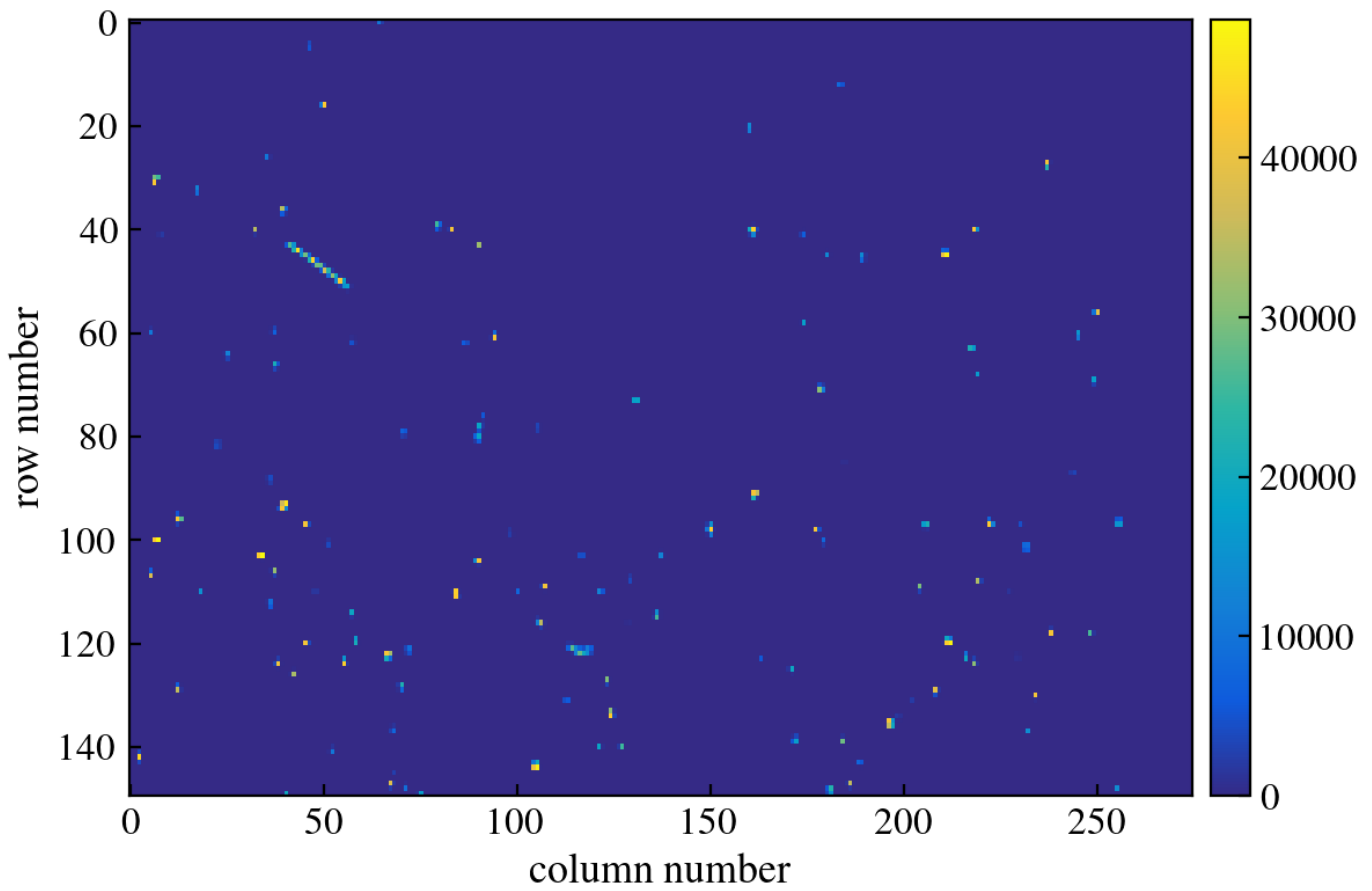


Figure 203: CCD Image



CCD Image: run 147, image 253  
[class MECCDImage]

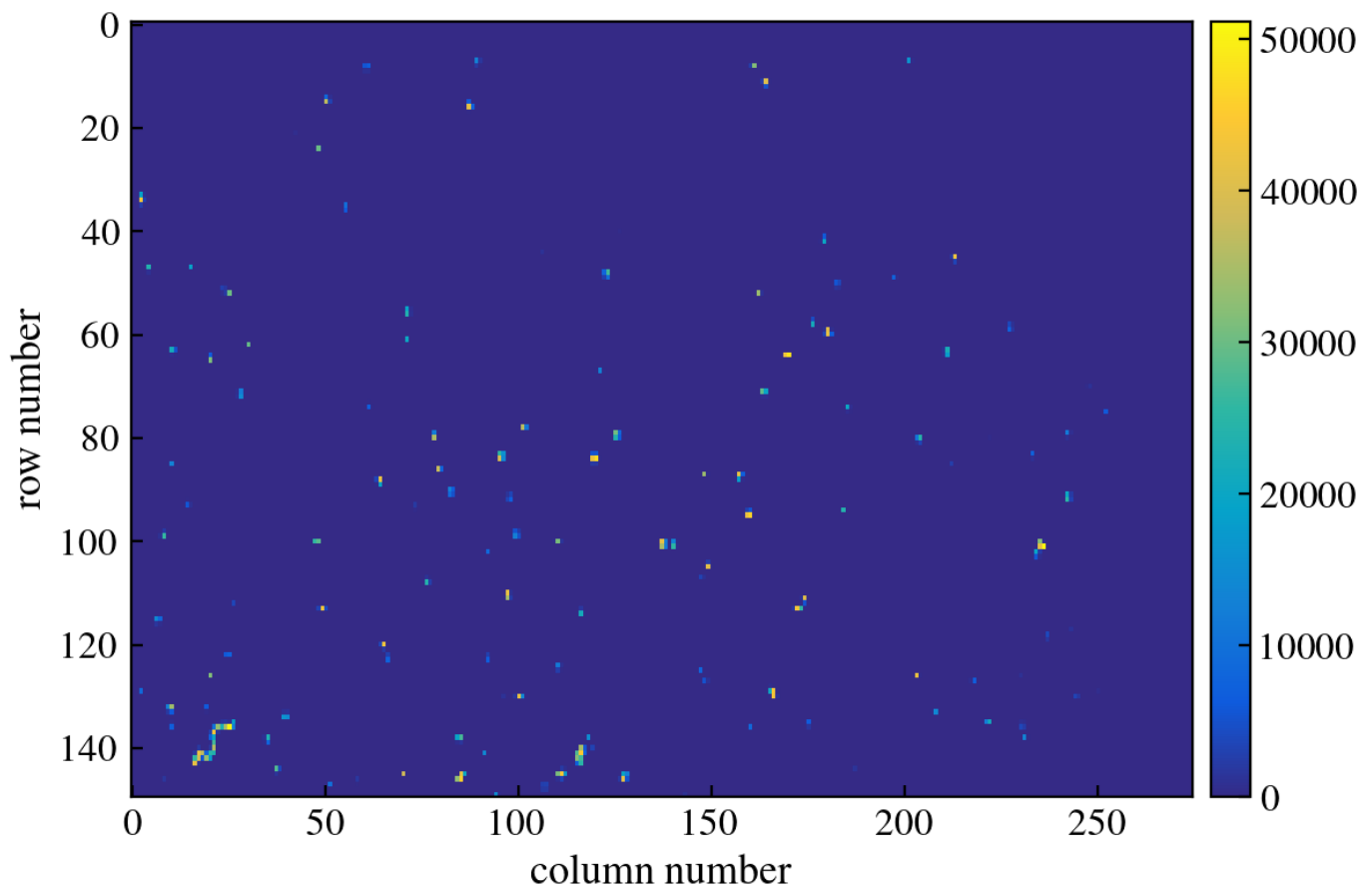


Figure 204: CCD Image

CCD Image: run 147, image 254  
[class MECCDImage]

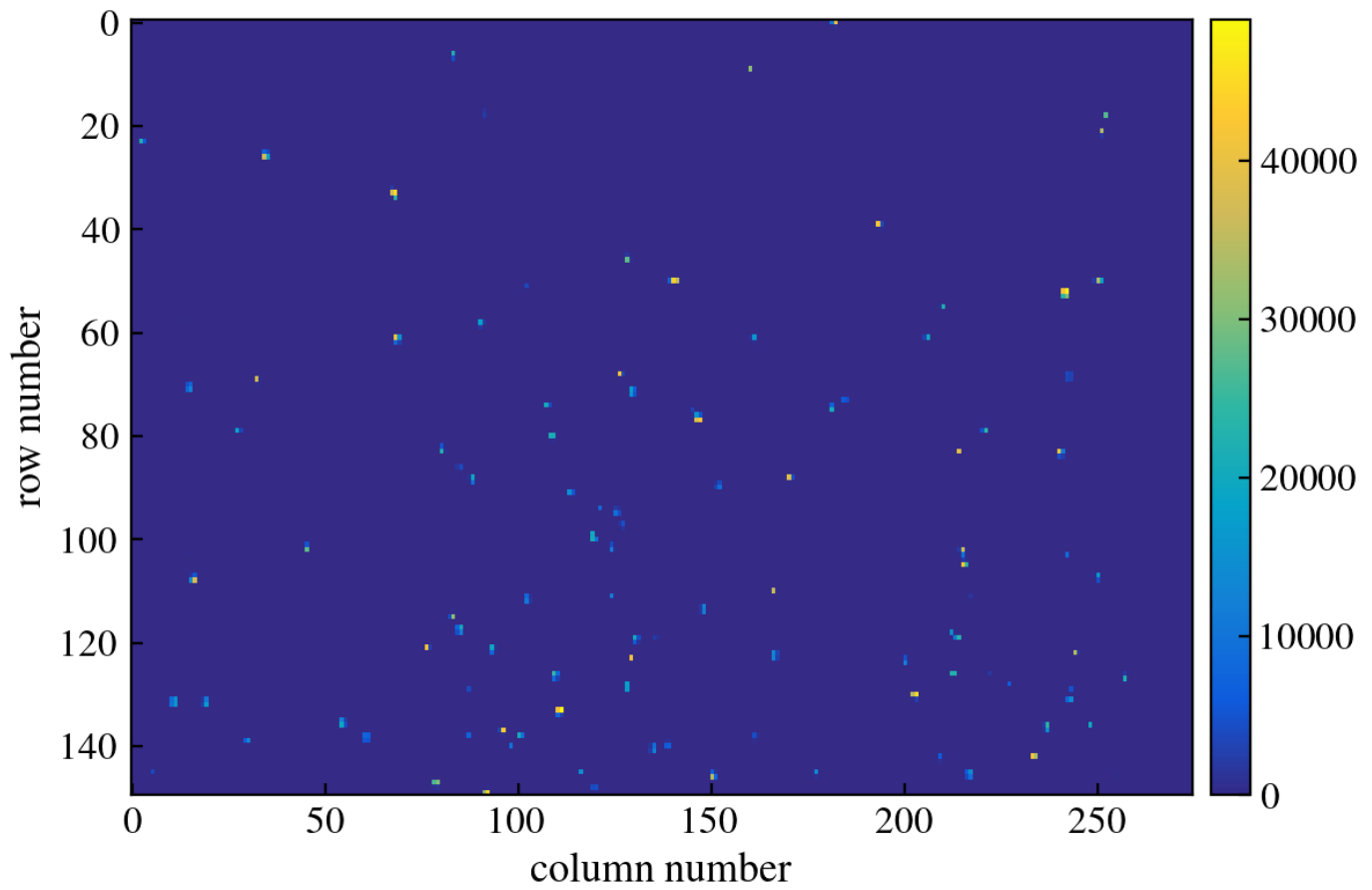


Figure 205: CCD Image

CCD Image: run 147, image 255  
[class MECCDImage]

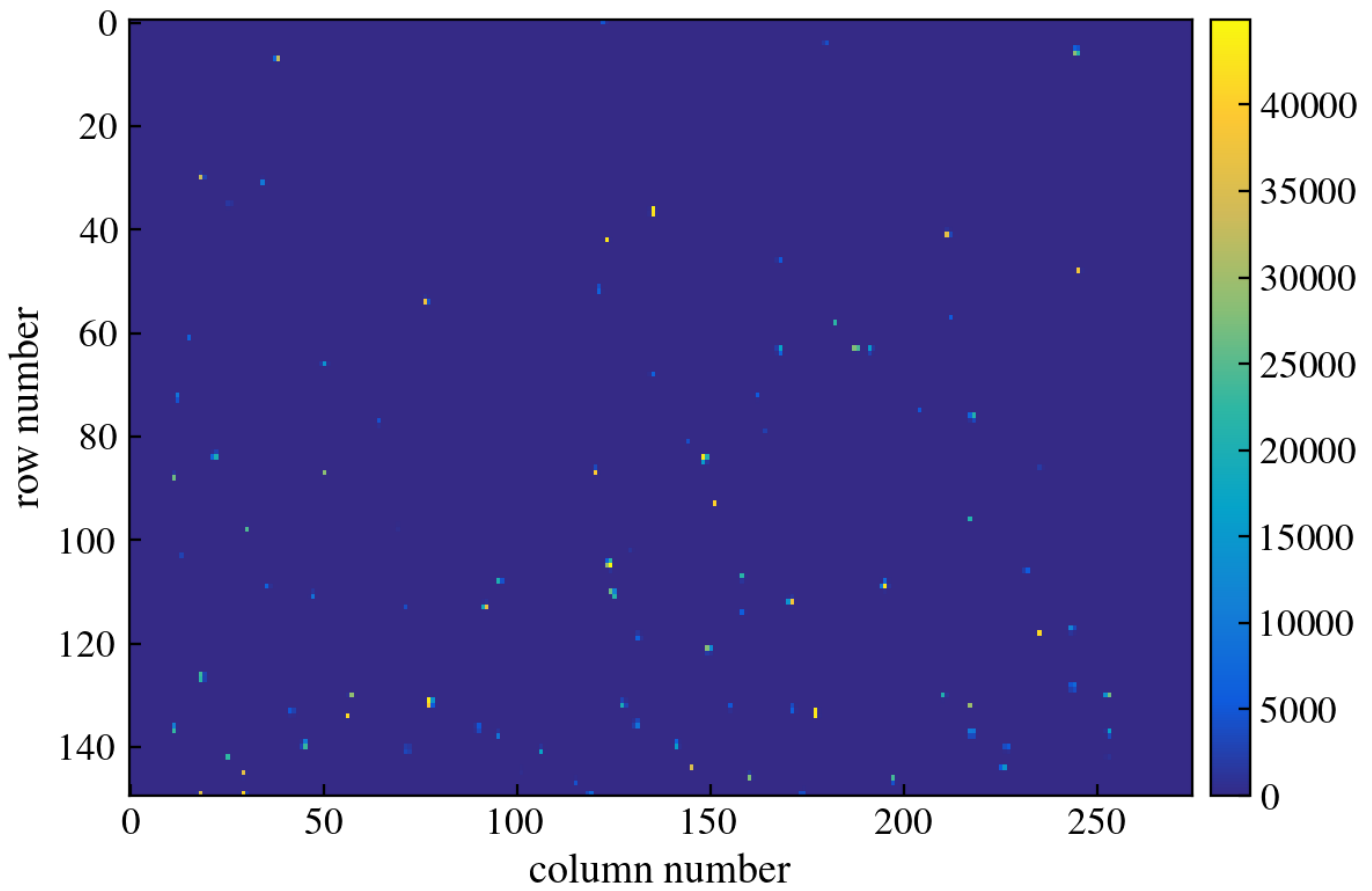


Figure 206: CCD Image

CCD Image: run 147, image 256  
[class MECCDImage]

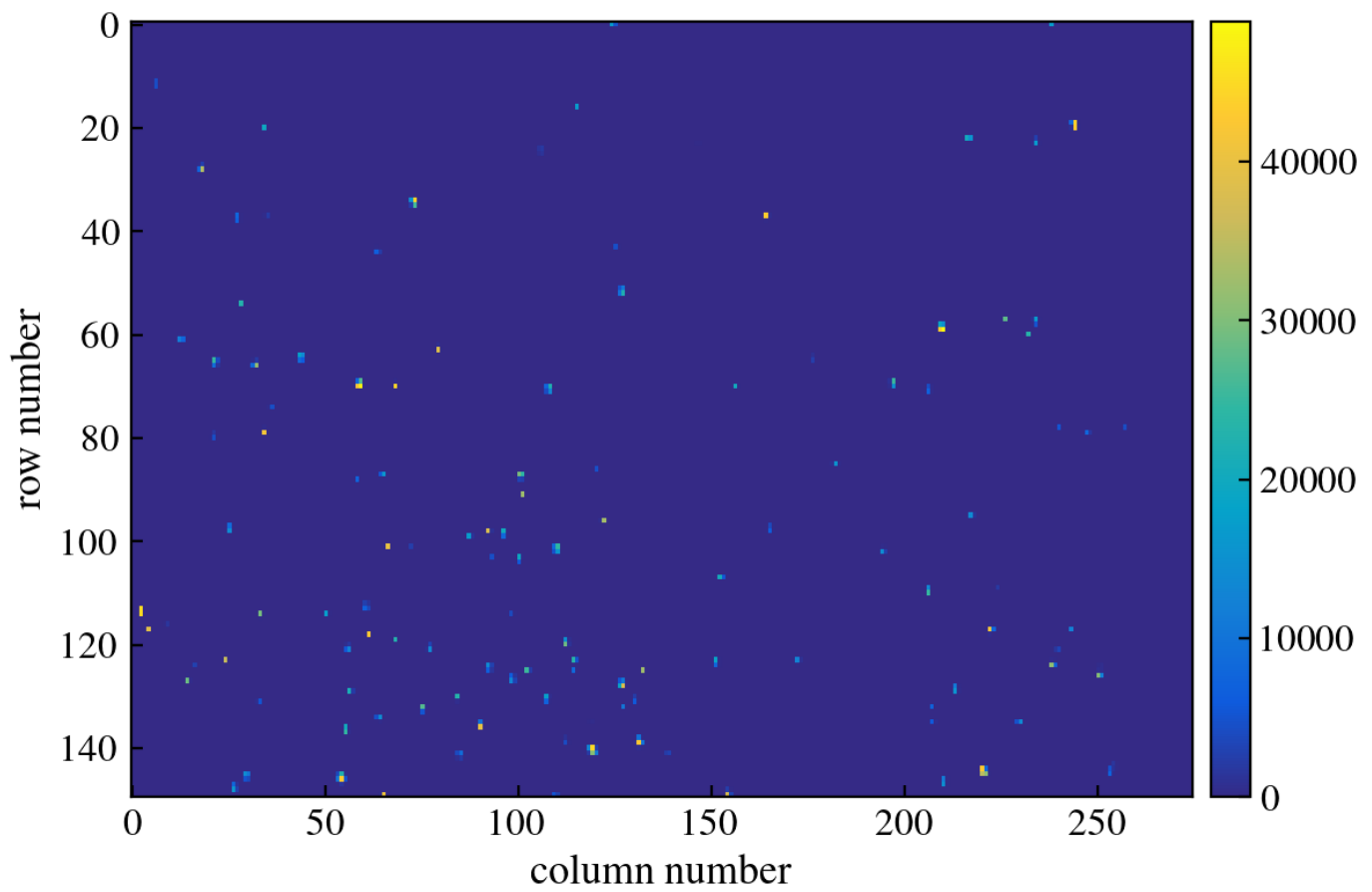


Figure 207: CCD Image

CCD Image: run 147, image 257  
[class MECCDImage]

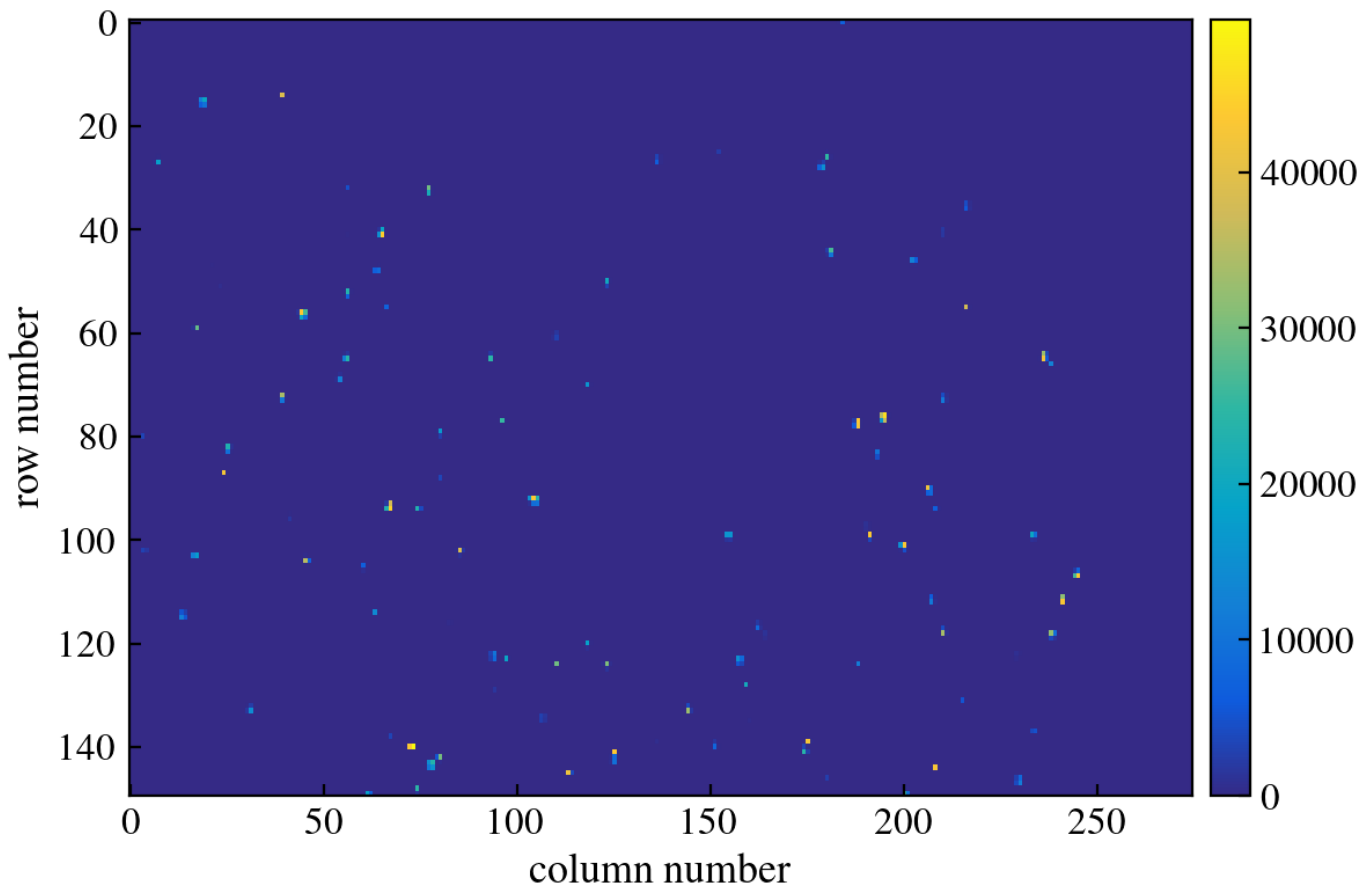


Figure 208: CCD Image

CCD Image: run 147, image 258  
[class MECCDImage]

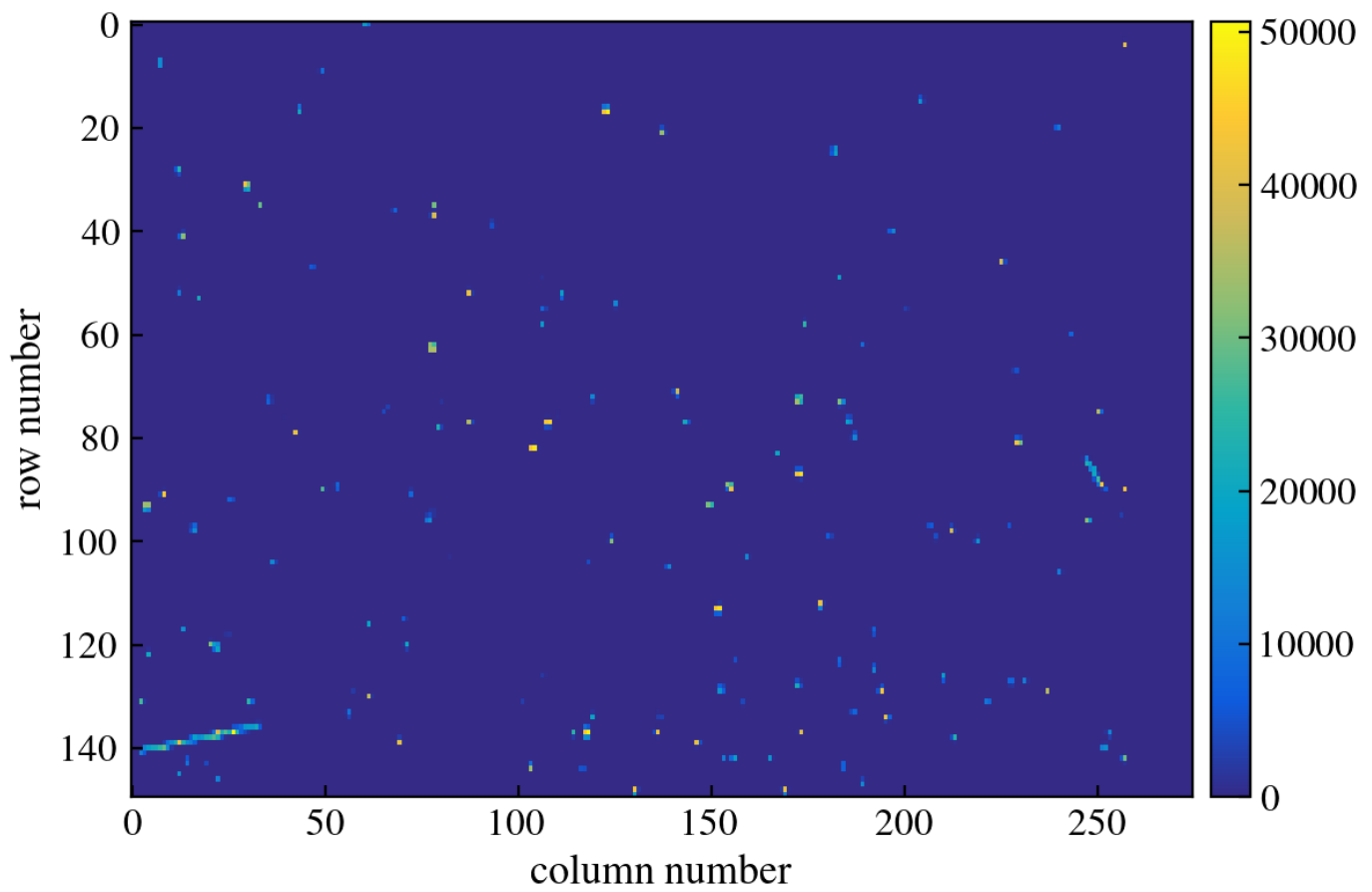


Figure 209: CCD Image

CCD Image: run 147, image 259  
[class MECCDImage]

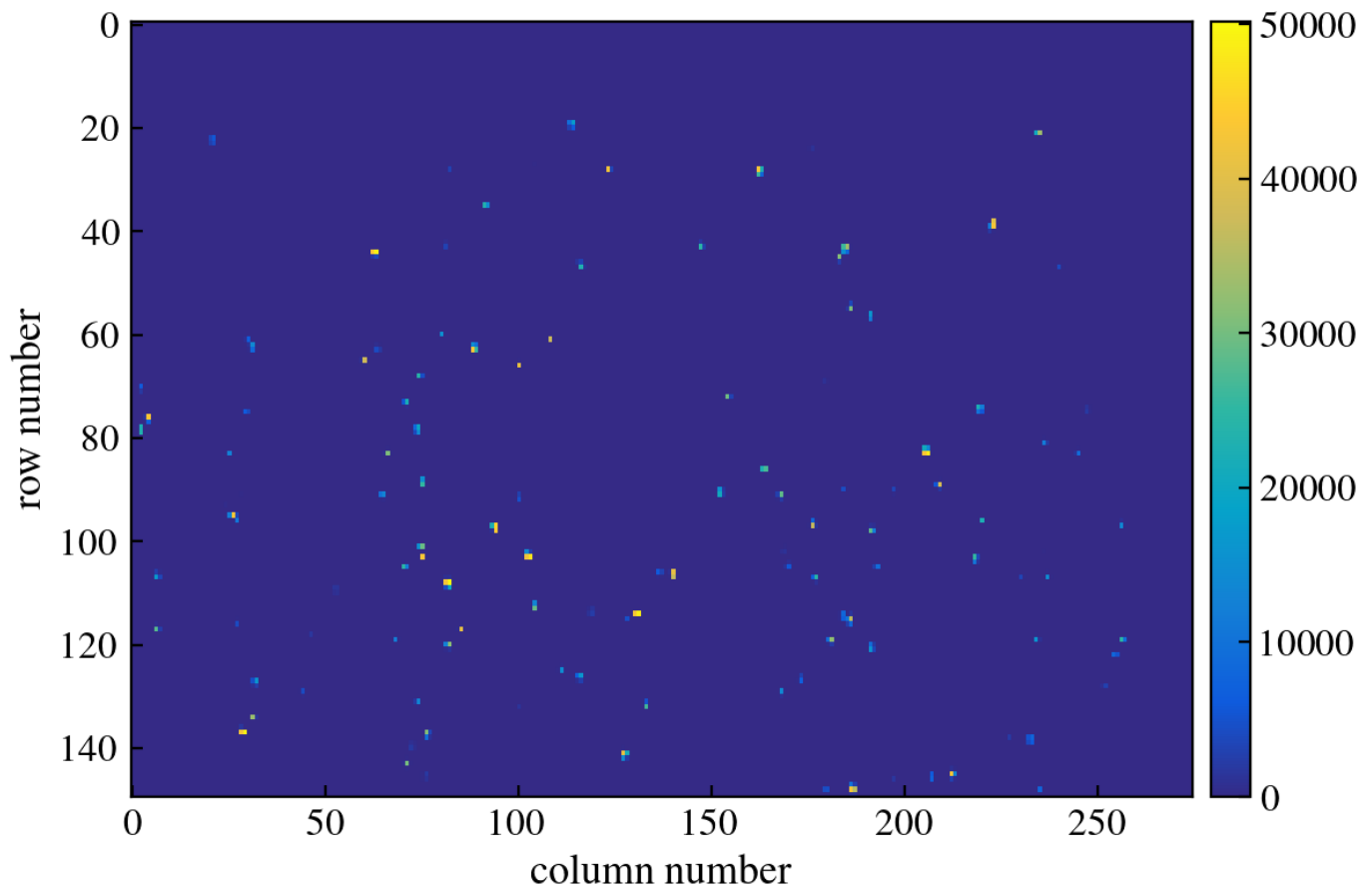


Figure 210: CCD Image

CCD Image: run 147, image 26  
[class MECCDImage]

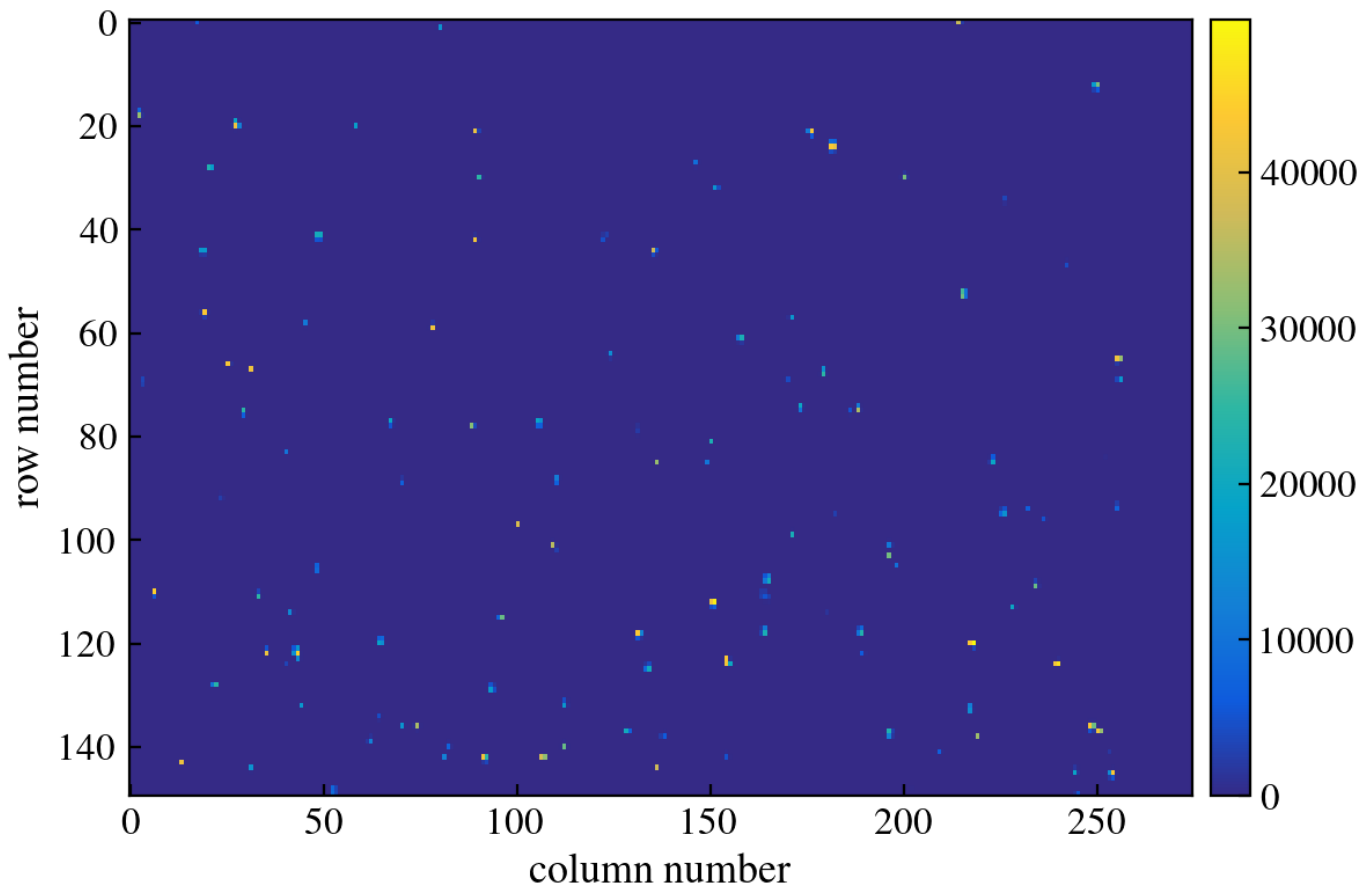


Figure 211: CCD Image



CCD Image: run 147, image 260  
[class MECCDImage]

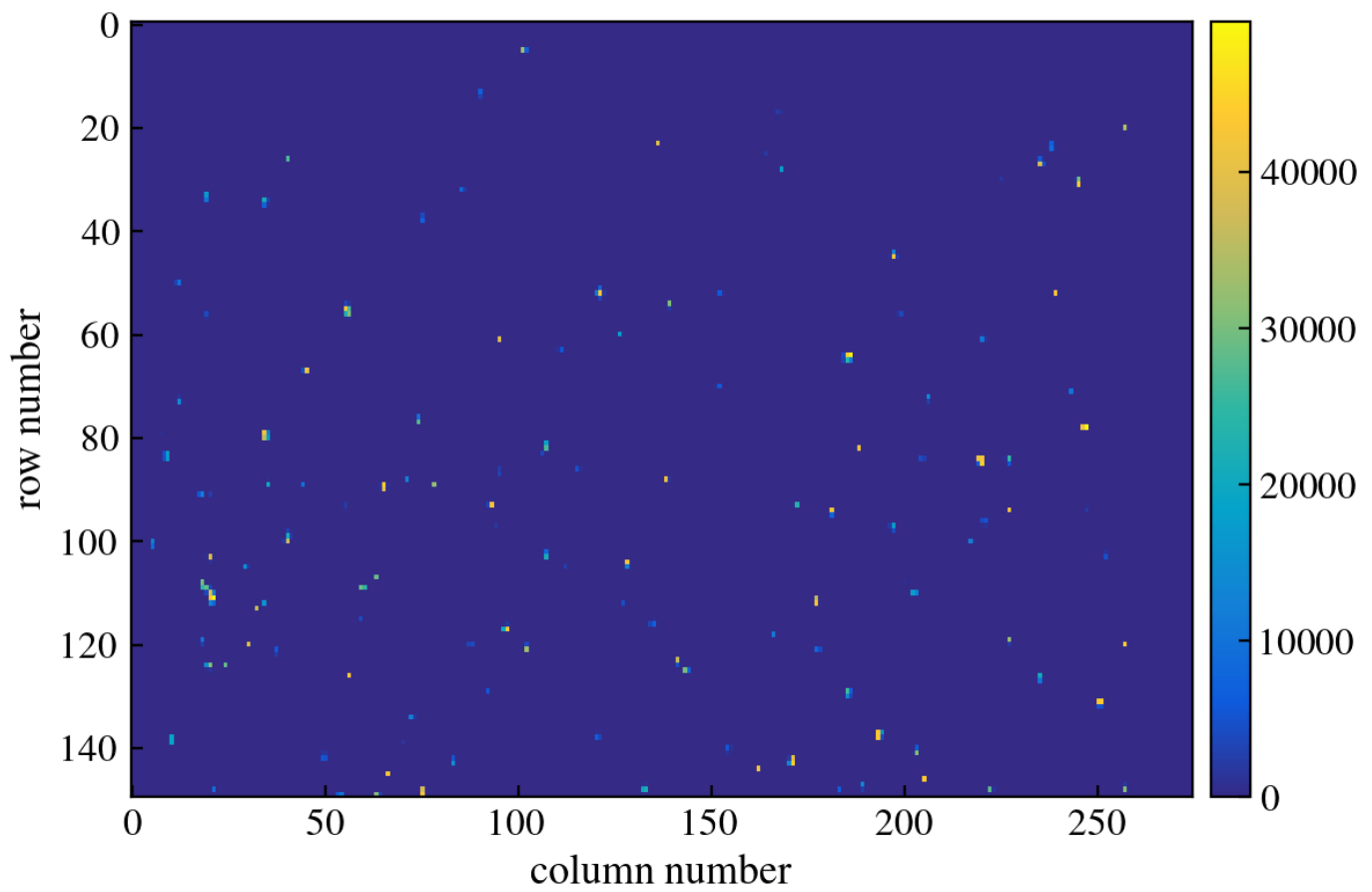


Figure 212: CCD Image

CCD Image: run 147, image 261  
[class MECCDImage]

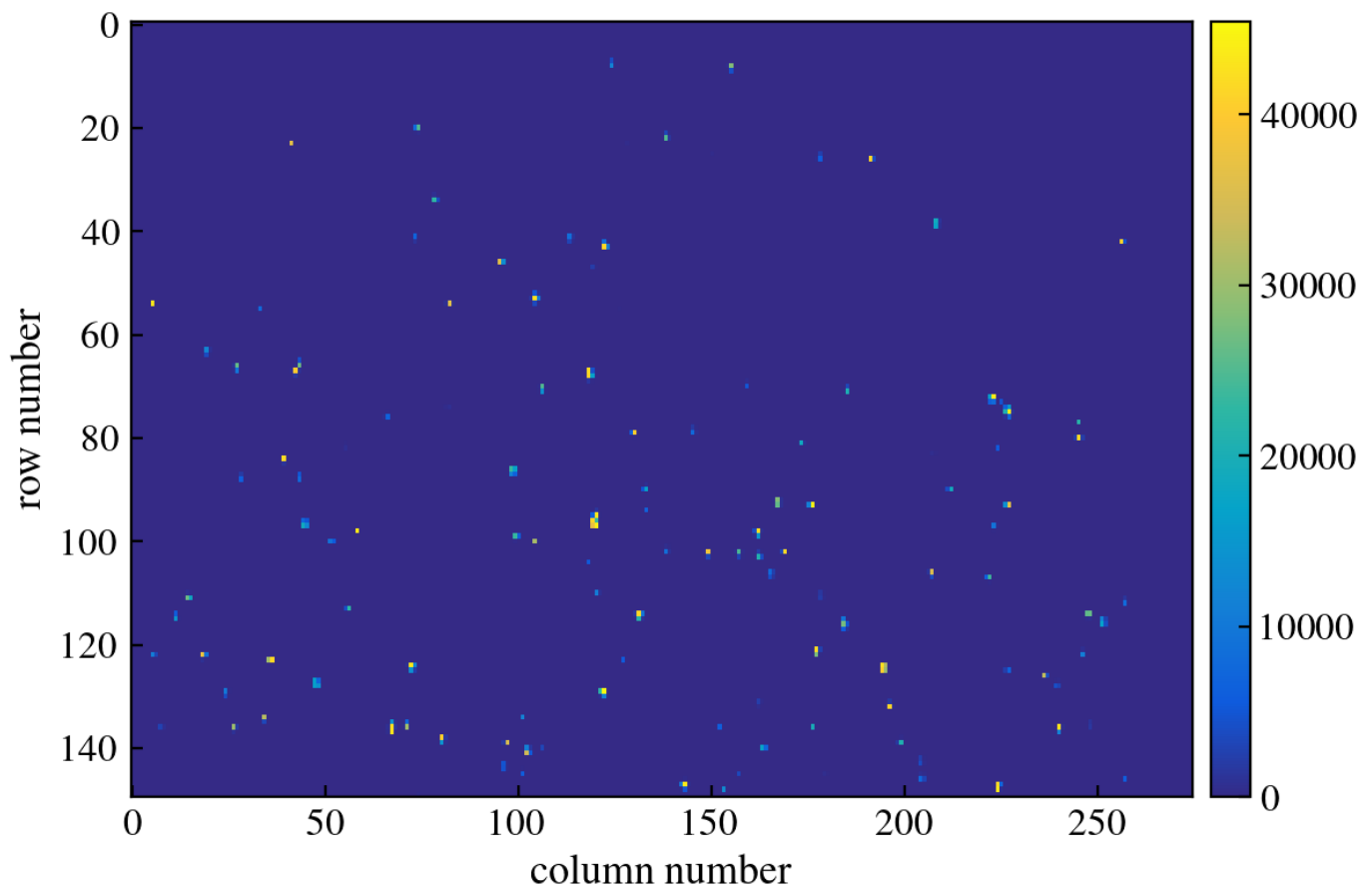


Figure 213: CCD Image

CCD Image: run 147, image 262  
[class MECCDImage]

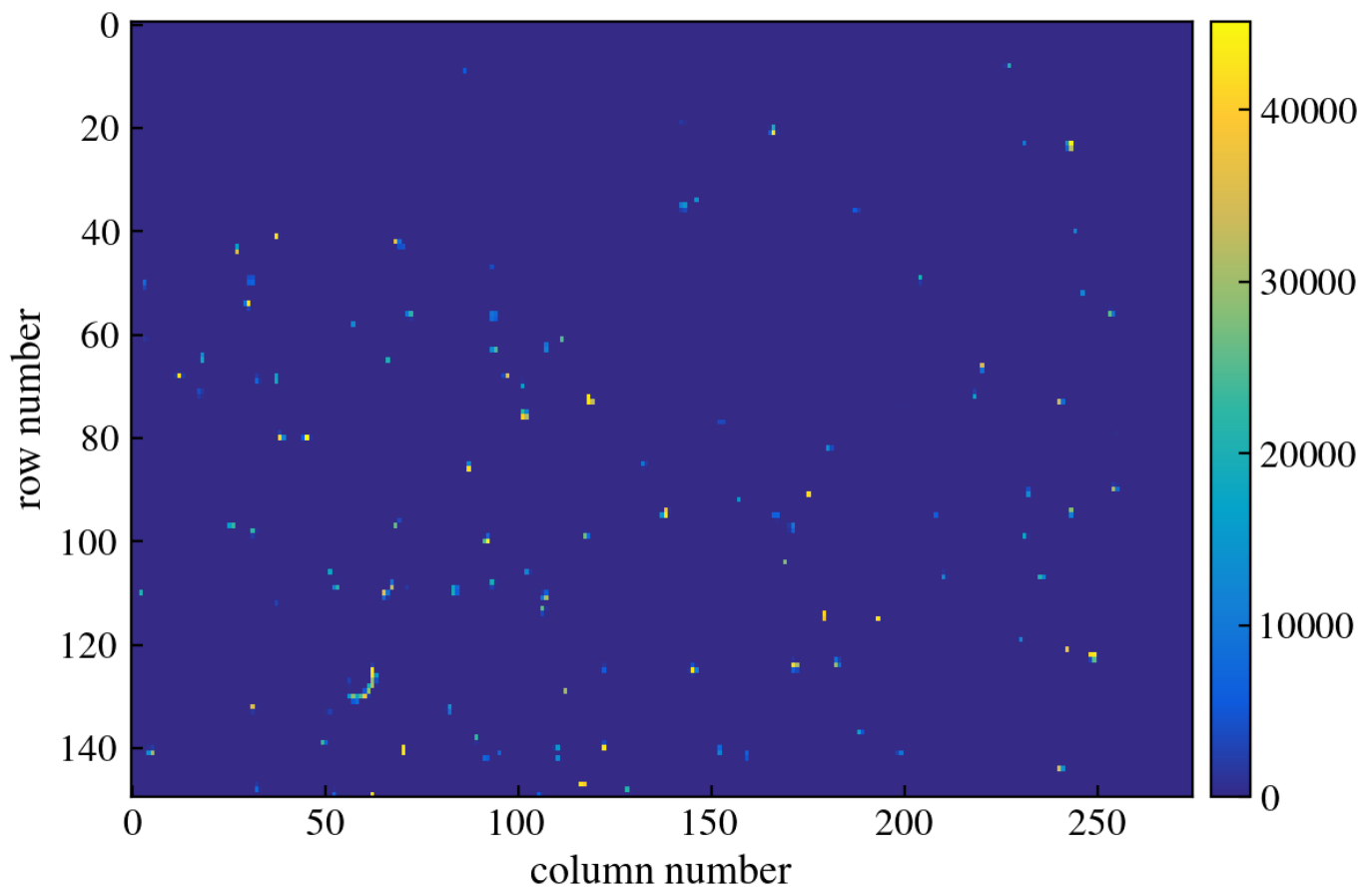


Figure 214: CCD Image

CCD Image: run 147, image 263  
[class MECCDImage]

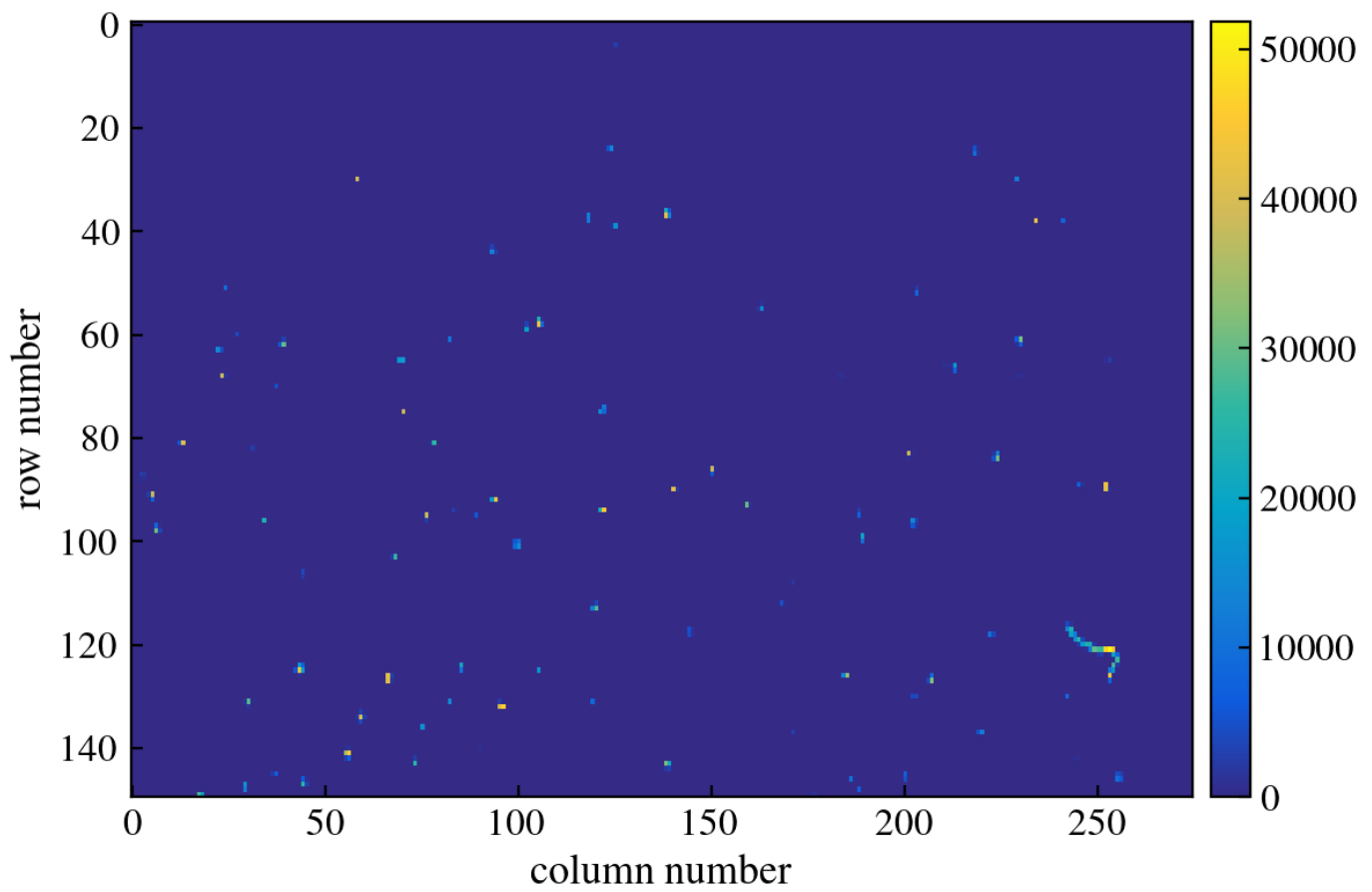


Figure 215: CCD Image

CCD Image: run 147, image 264  
[class MECCDImage]

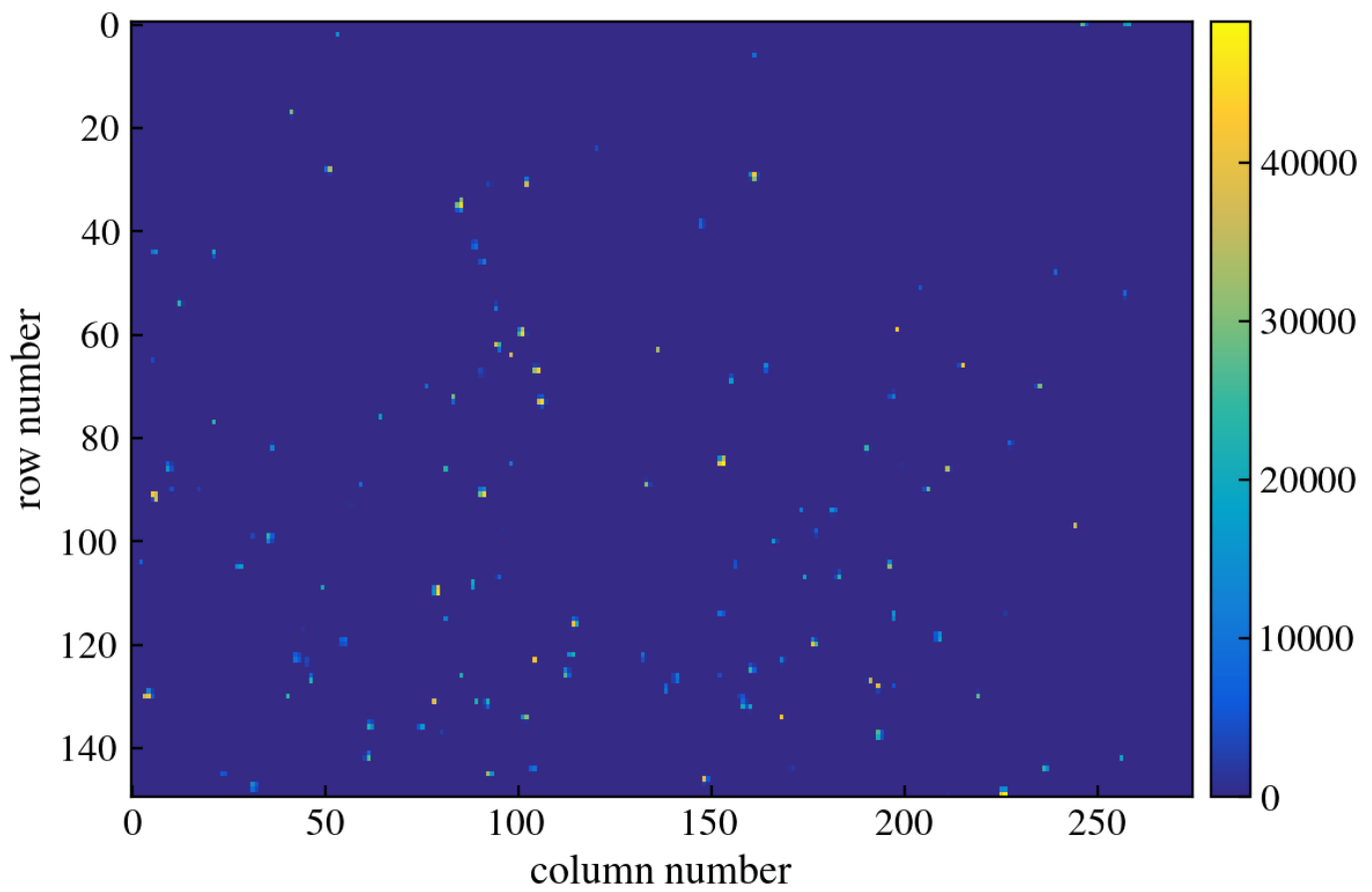


Figure 216: CCD Image

CCD Image: run 147, image 265  
[class MECCDImage]

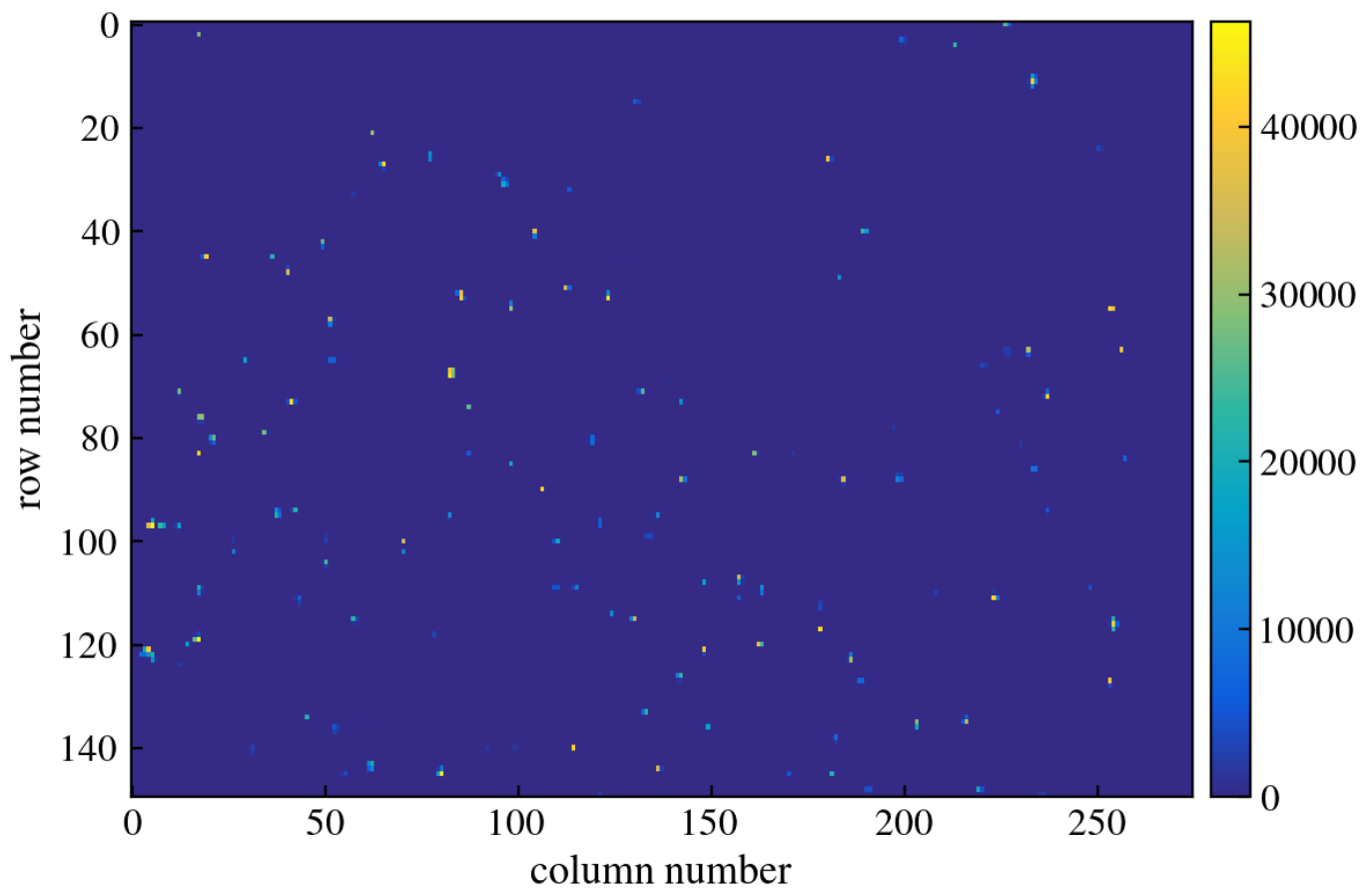


Figure 217: CCD Image

CCD Image: run 147, image 266  
[class MECCDImage]

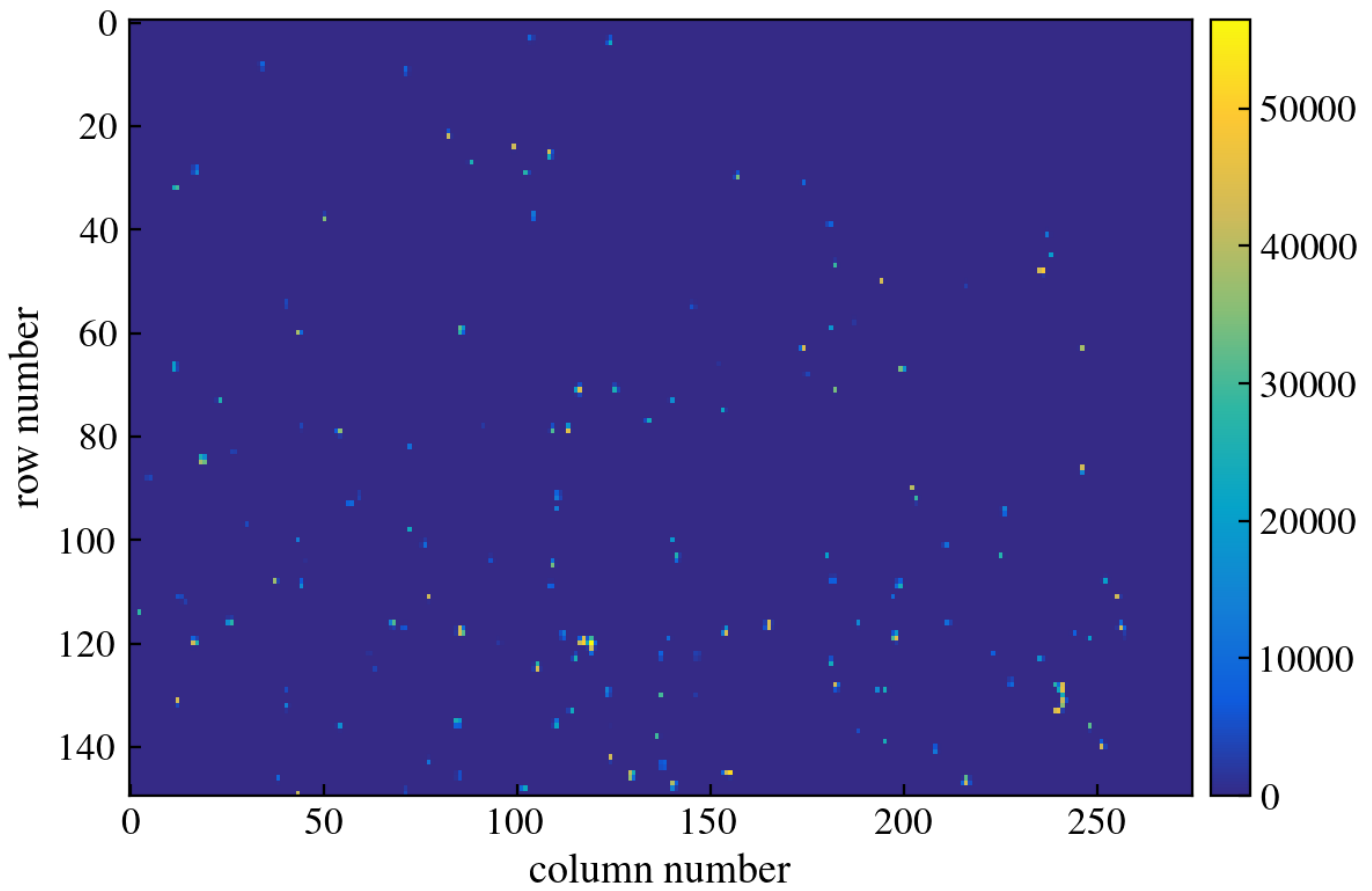


Figure 218: CCD Image

CCD Image: run 147, image 267  
[class MECCDImage]

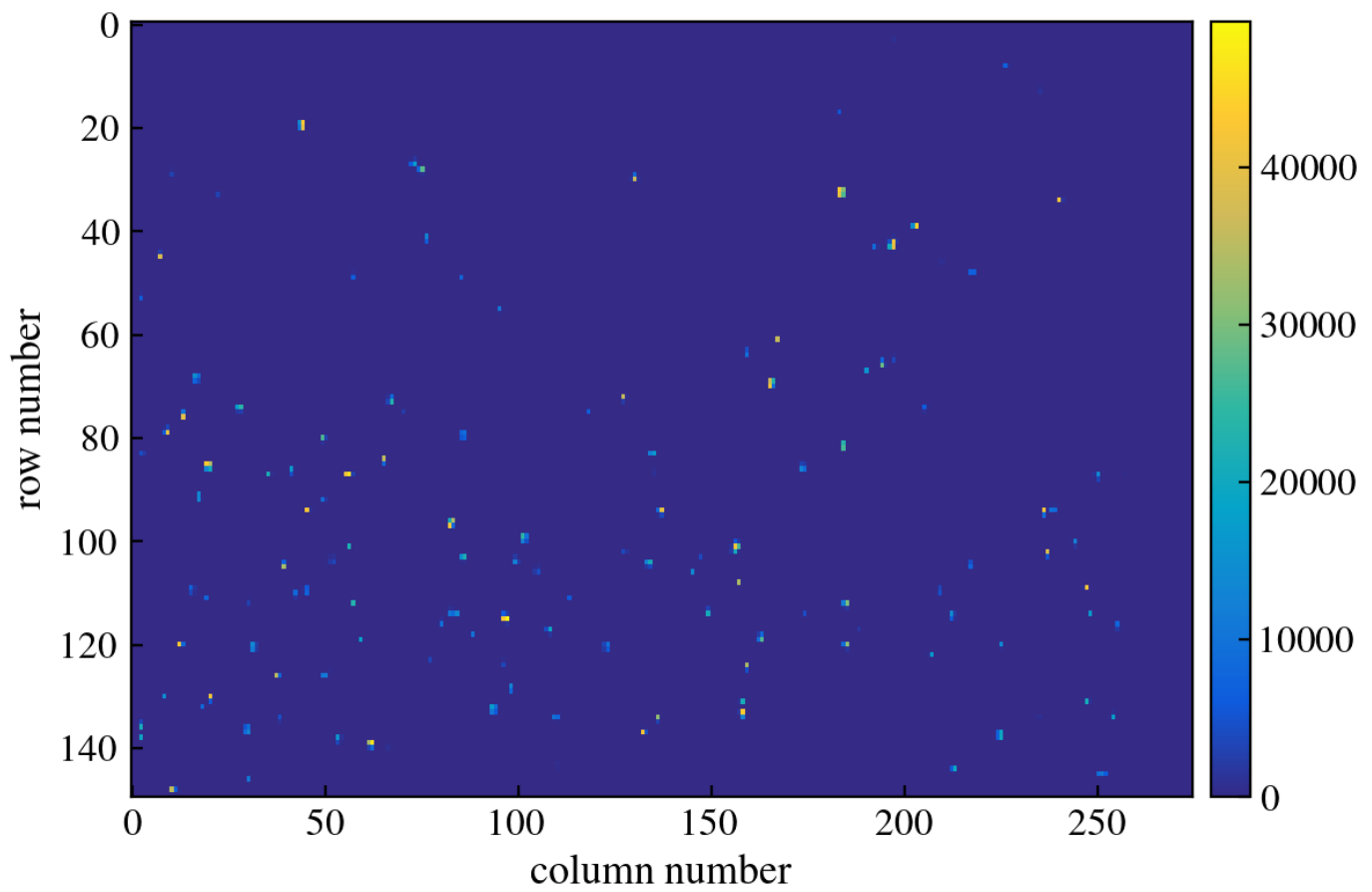


Figure 219: CCD Image



CCD Image: run 147, image 268  
[class MECCDImage]

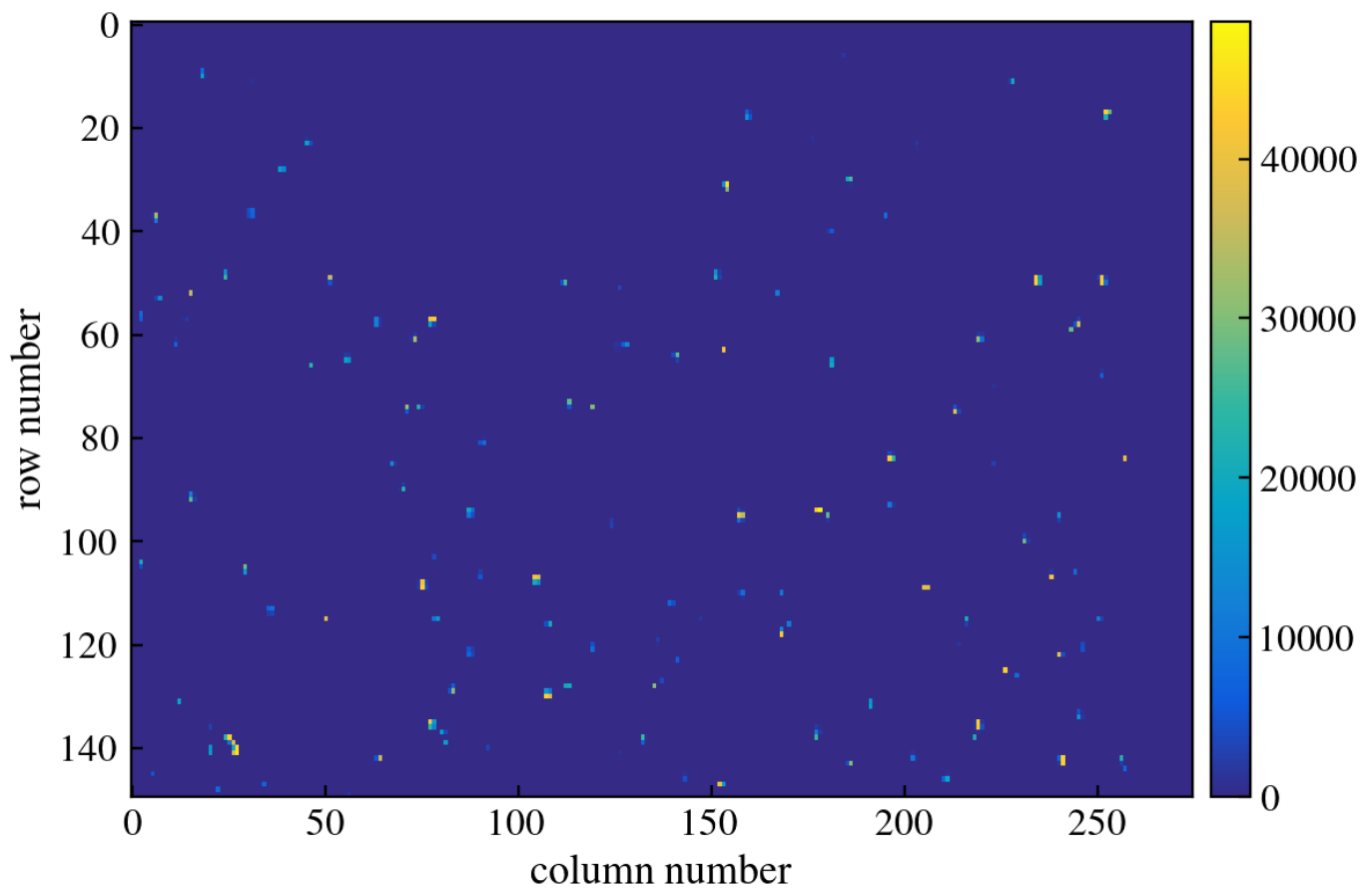


Figure 220: CCD Image

CCD Image: run 147, image 269  
[class MECCDImage]

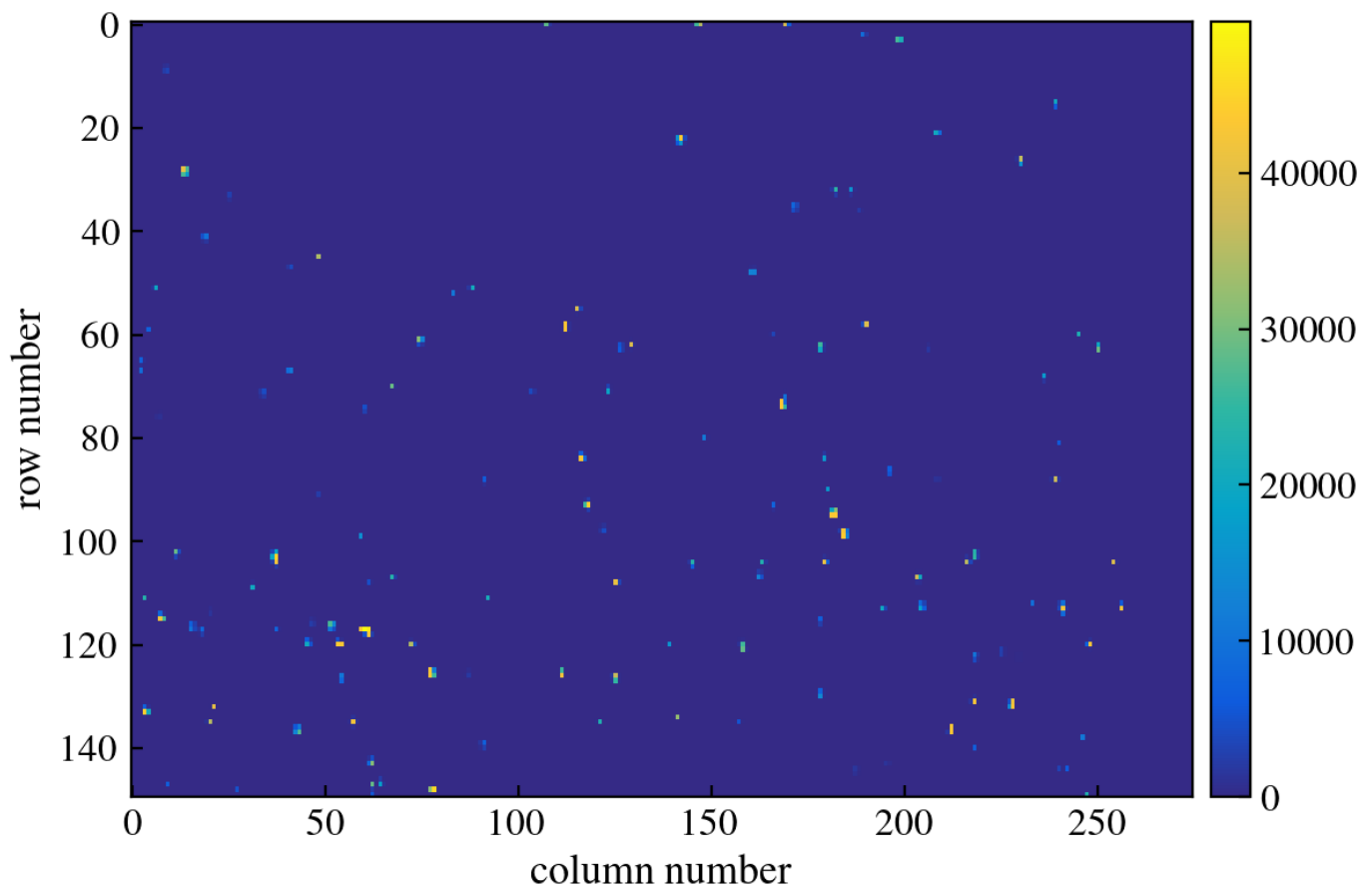


Figure 221: CCD Image

CCD Image: run 147, image 27  
[class MECCDImage]

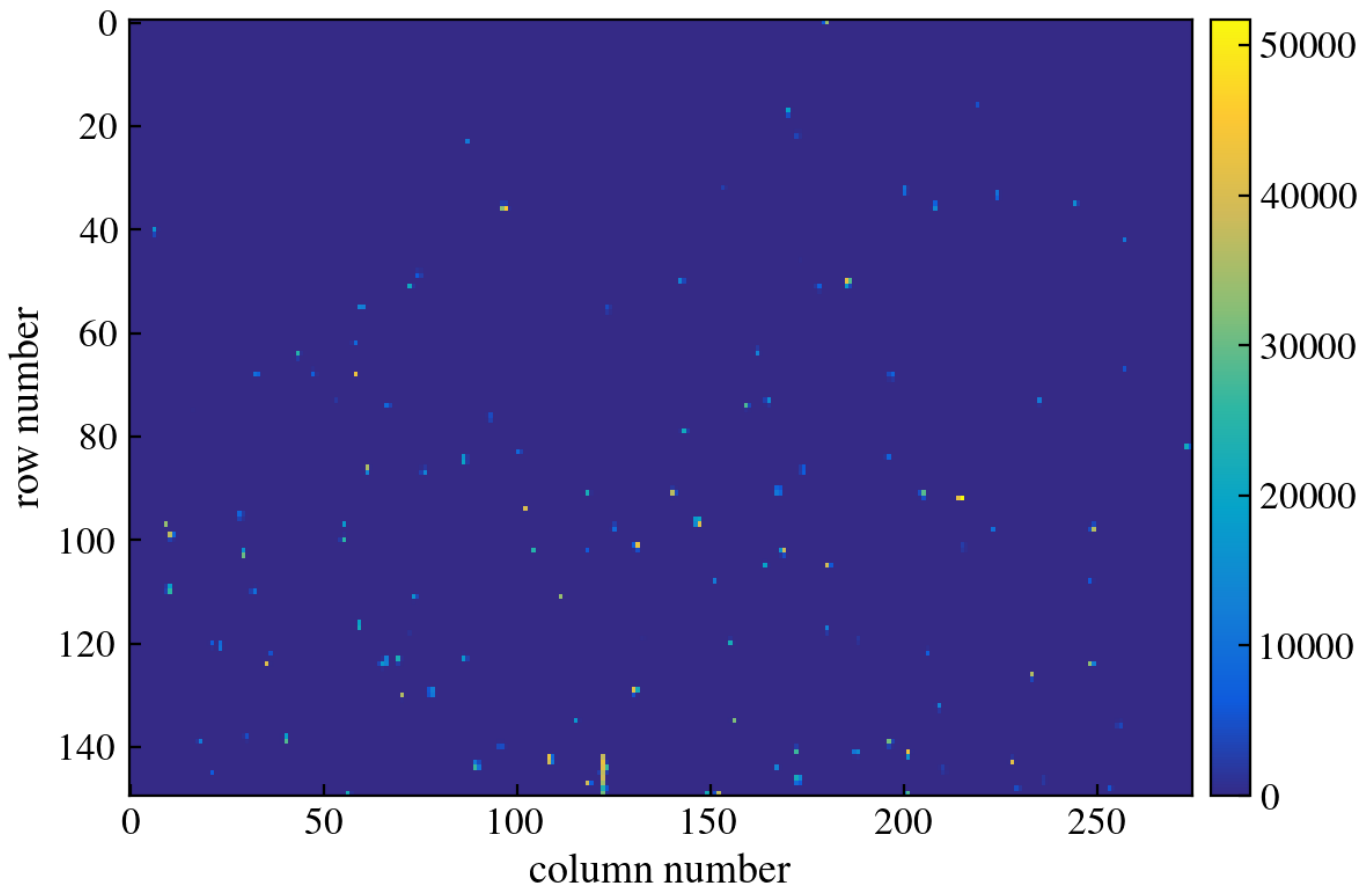


Figure 222: CCD Image

CCD Image: run 147, image 270  
[class MECCDImage]

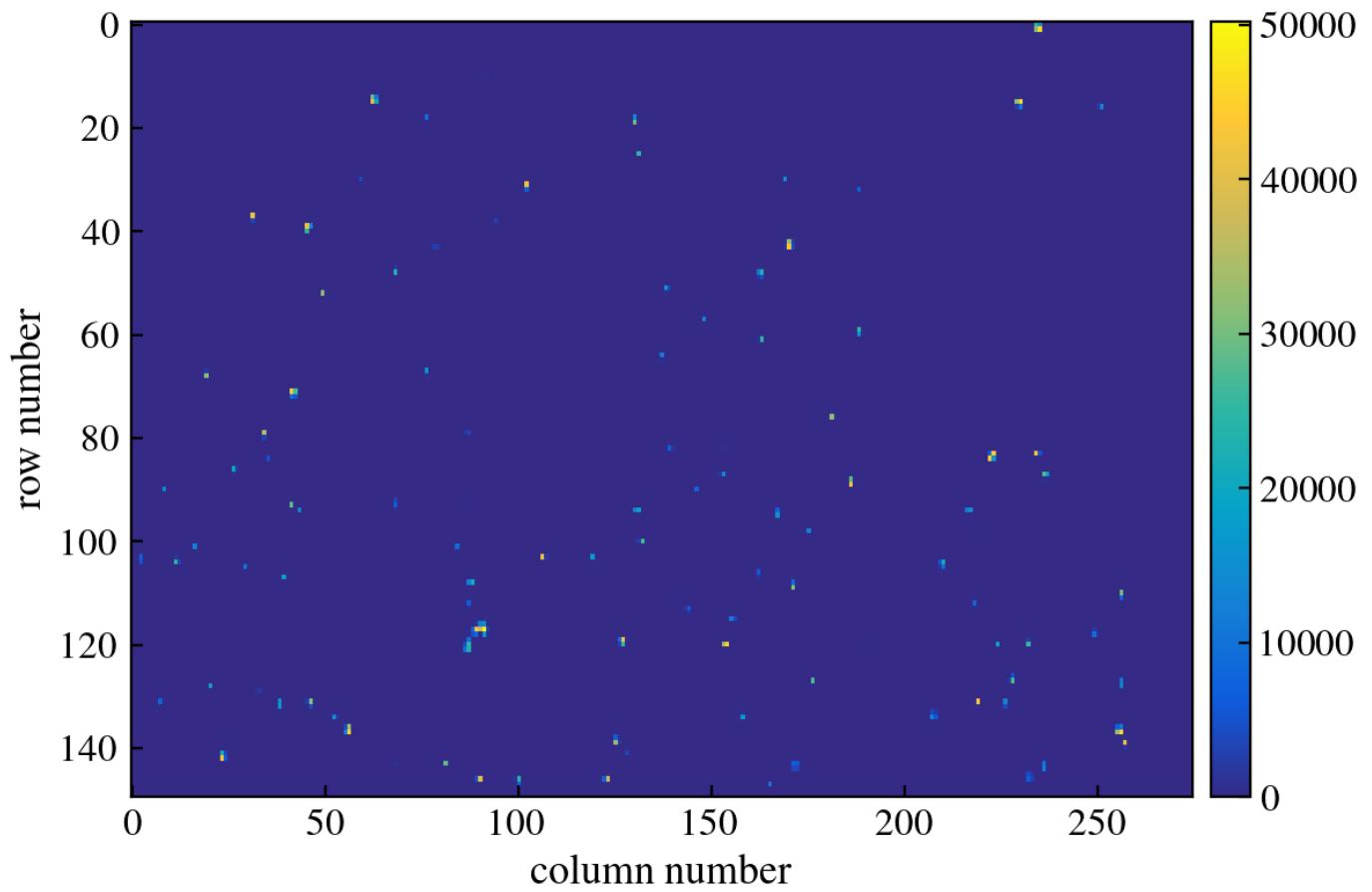


Figure 223: CCD Image

CCD Image: run 147, image 271  
[class MECCDImage]

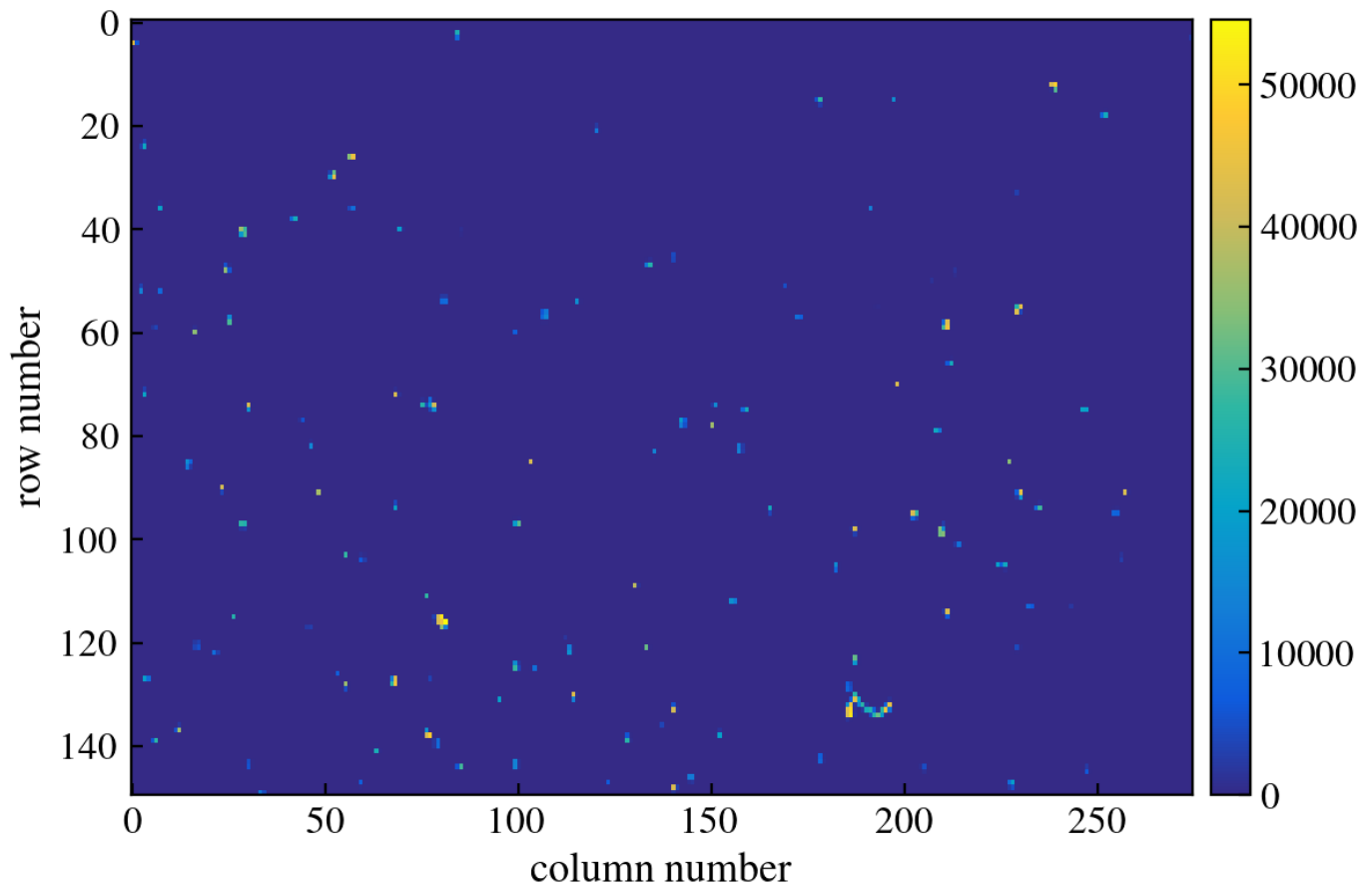


Figure 224: CCD Image

CCD Image: run 147, image 272  
[class MECCDImage]

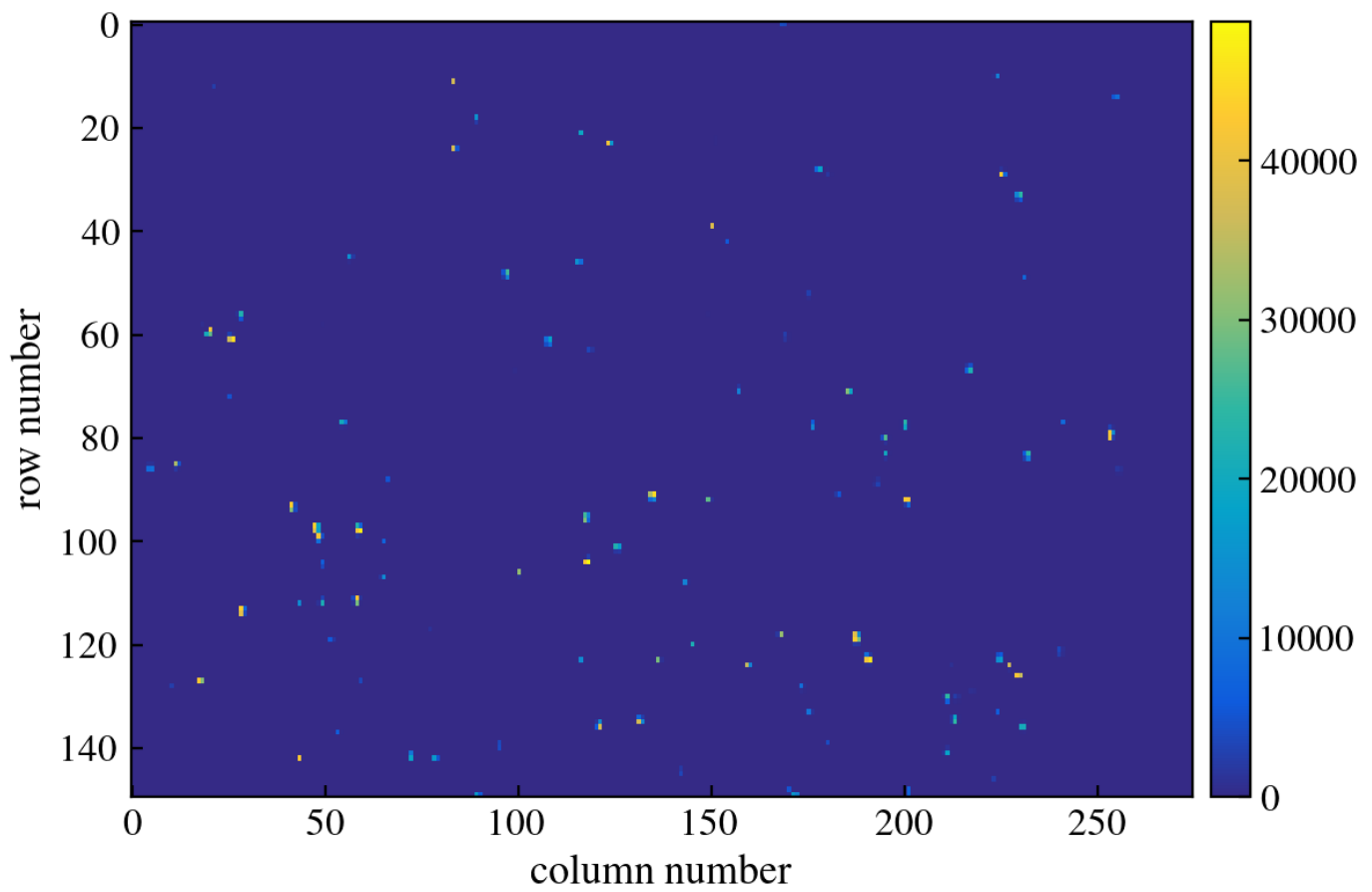


Figure 225: CCD Image

CCD Image: run 147, image 273  
[class MECCDImage]

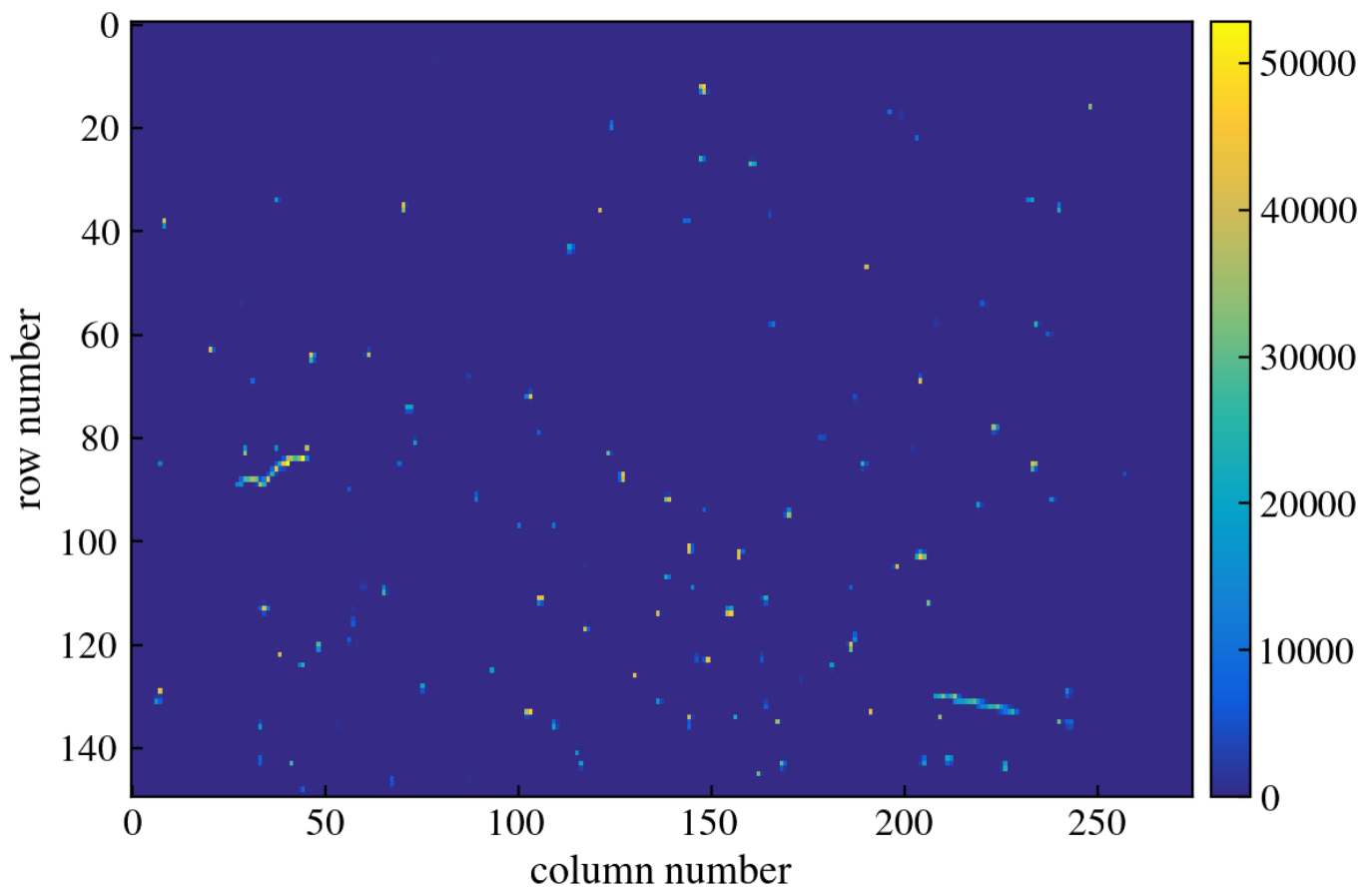


Figure 226: CCD Image

CCD Image: run 147, image 274  
[class MECCDImage]

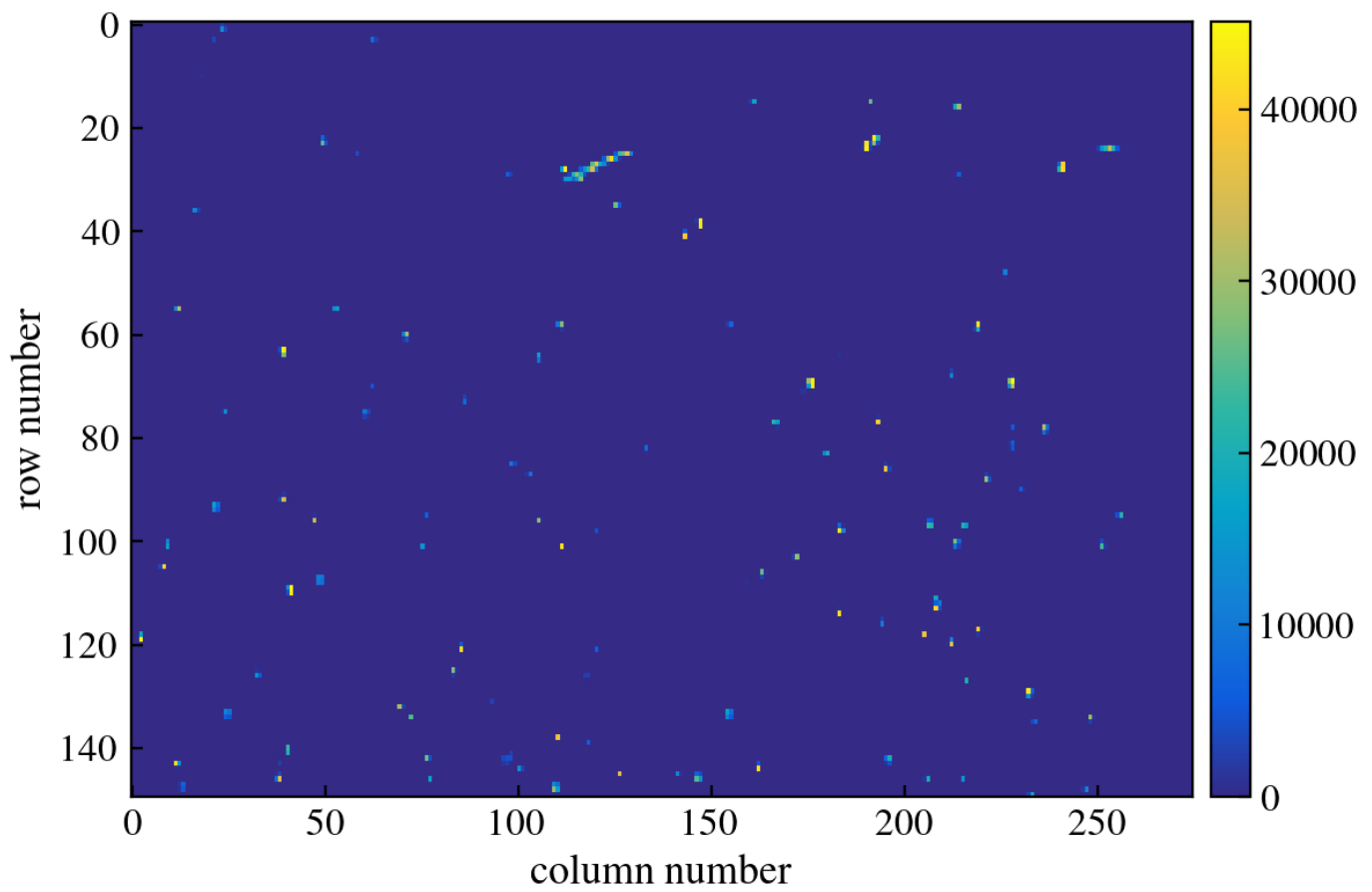


Figure 227: CCD Image



CCD Image: run 147, image 275  
[class MECCDImage]

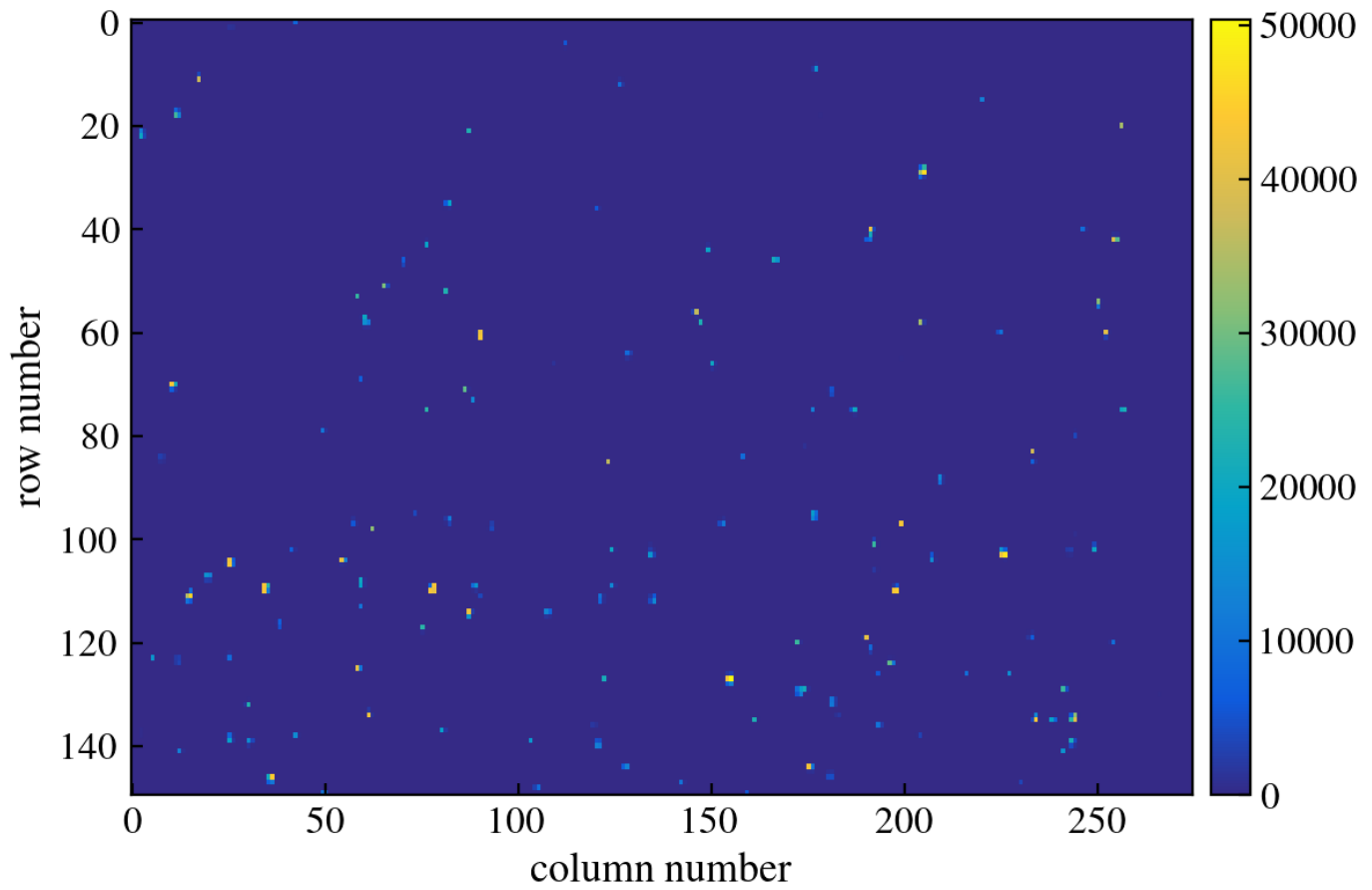


Figure 228: CCD Image

CCD Image: run 147, image 276  
[class MECCDImage]

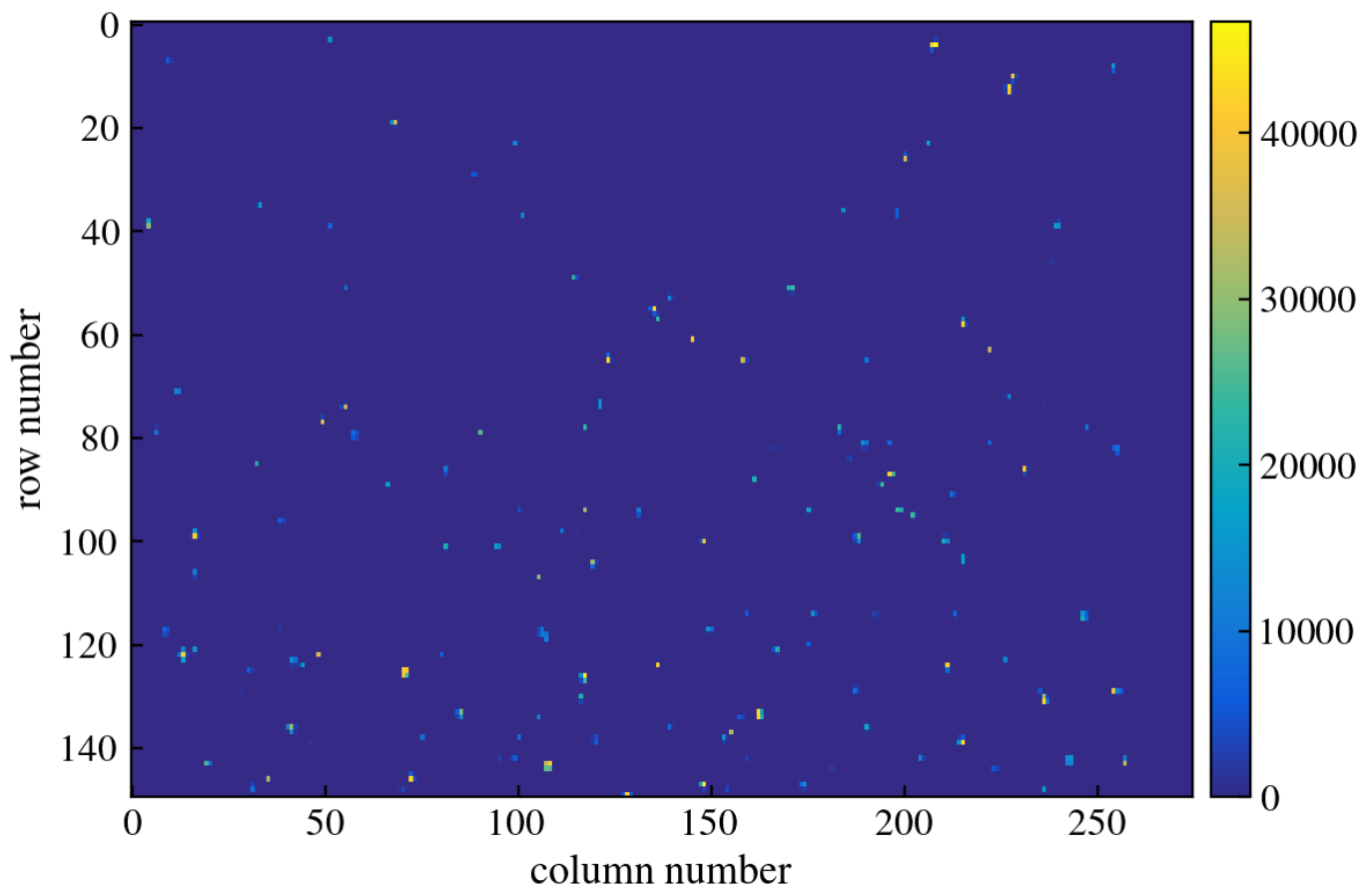


Figure 229: CCD Image

CCD Image: run 147, image 277  
[class MECCDImage]

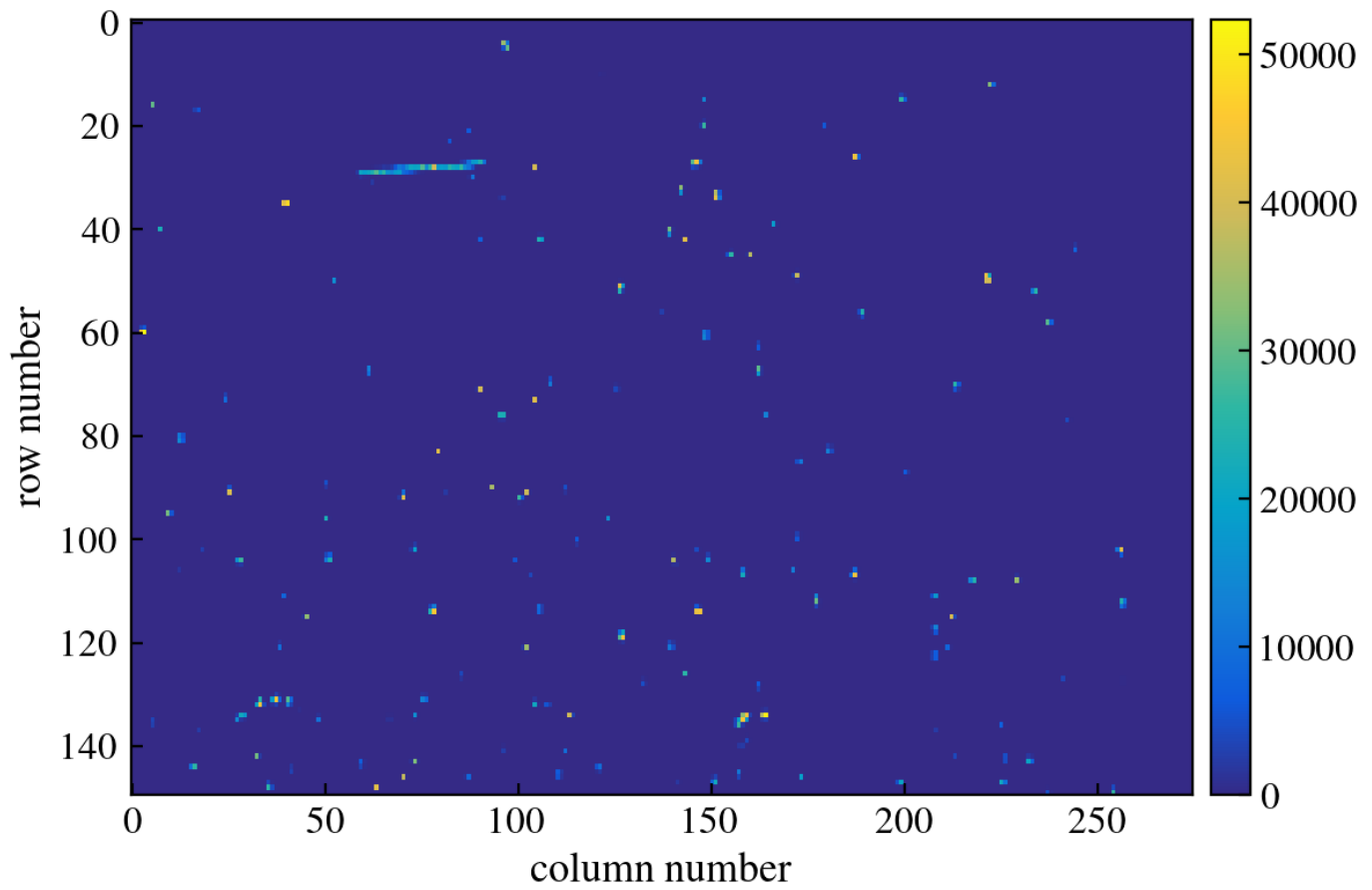


Figure 230: CCD Image

CCD Image: run 147, image 278  
[class MECCDImage]

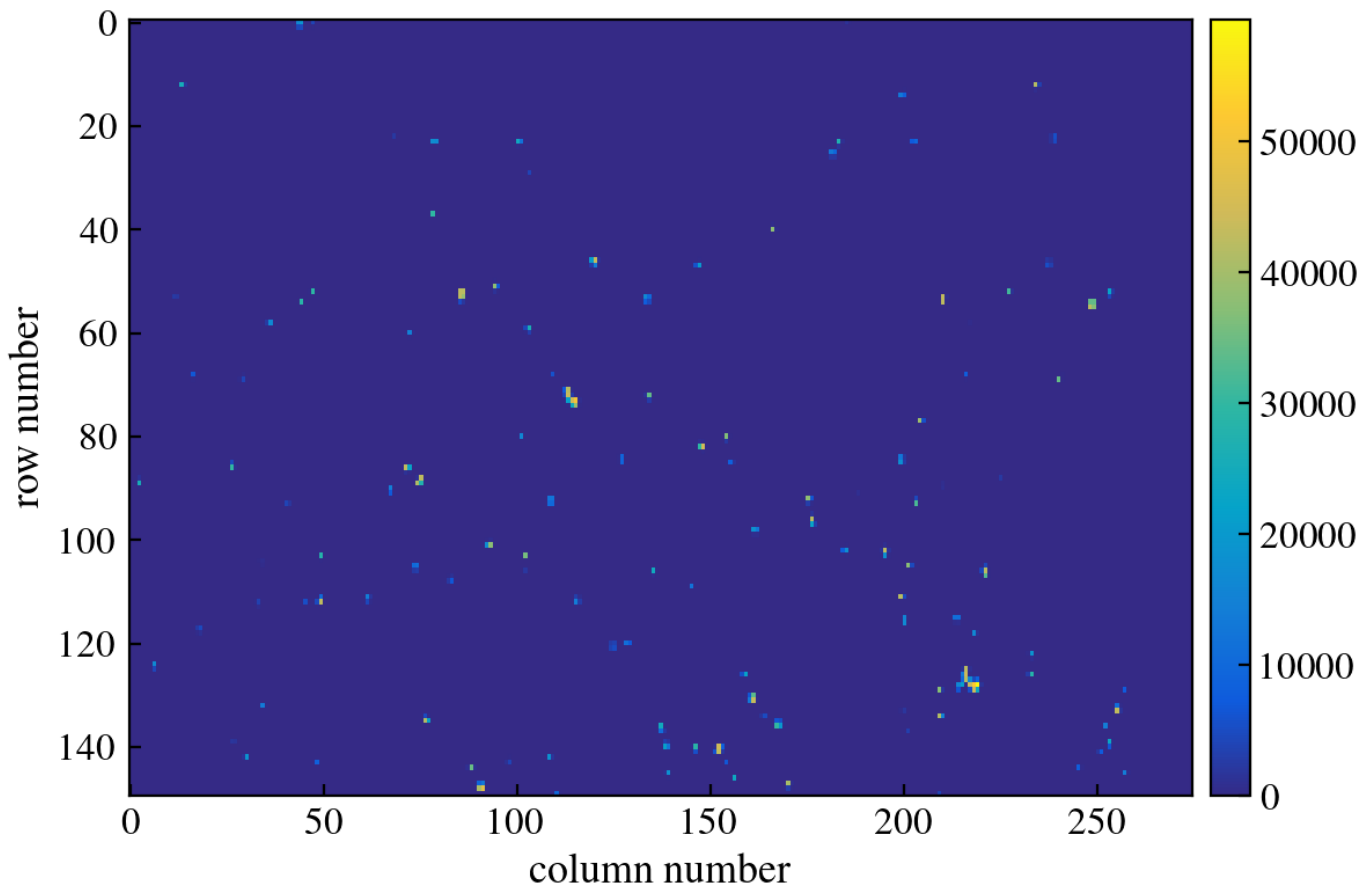


Figure 231: CCD Image

CCD Image: run 147, image 279  
[class MECCDImage]

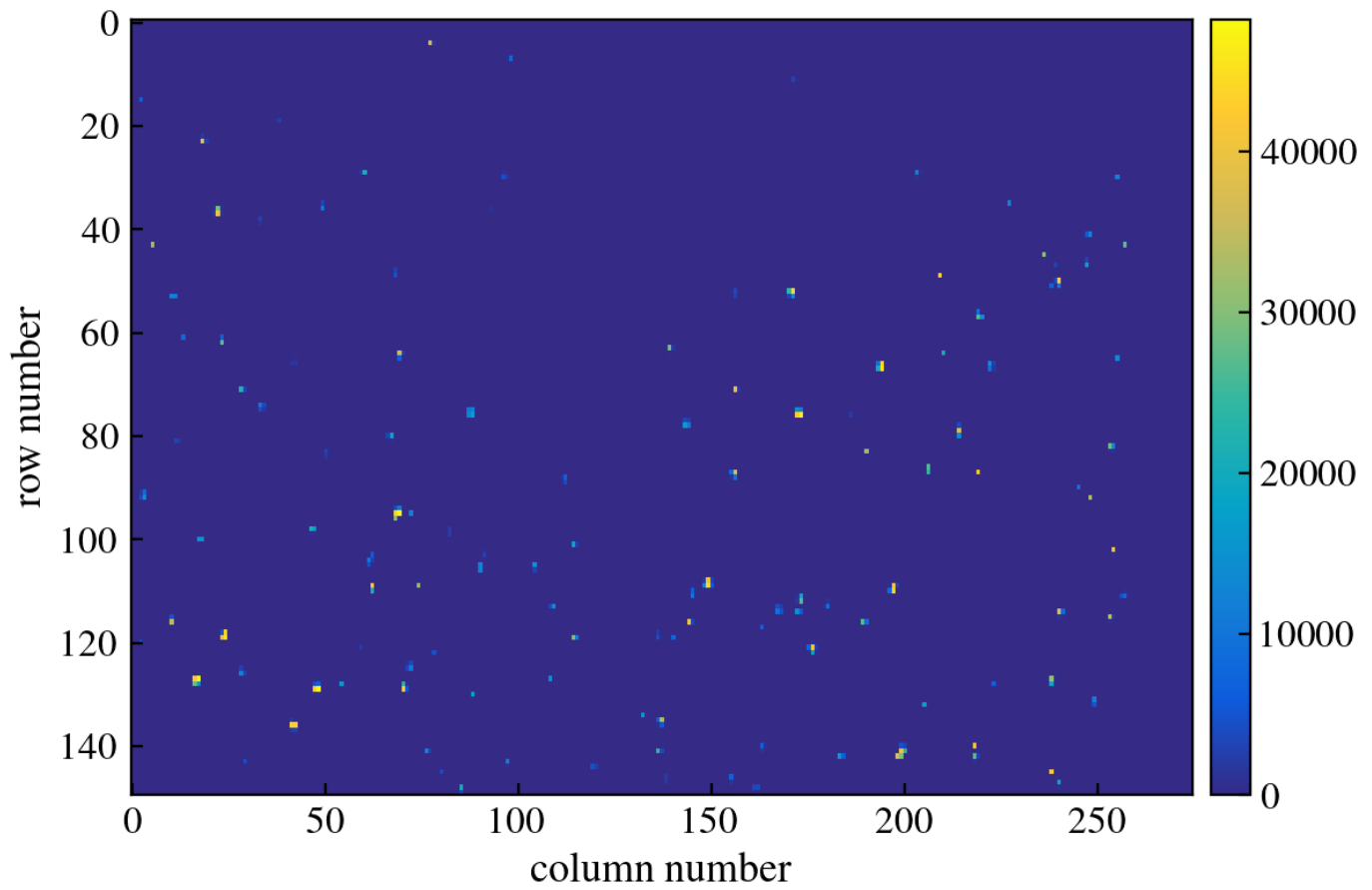


Figure 232: CCD Image

CCD Image: run 147, image 28  
[class MECCDImage]

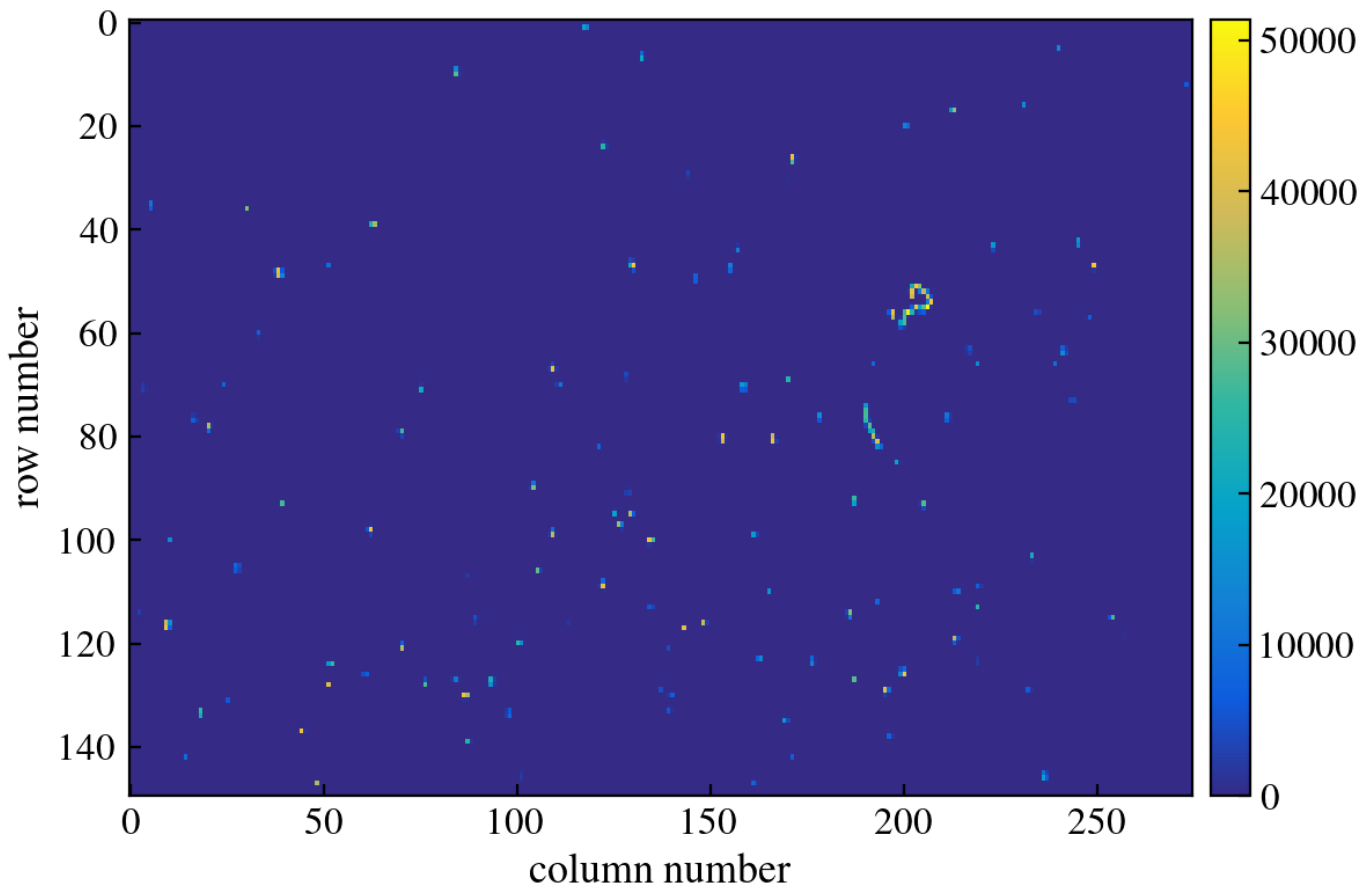


Figure 233: CCD Image

CCD Image: run 147, image 280  
[class MECCDImage]

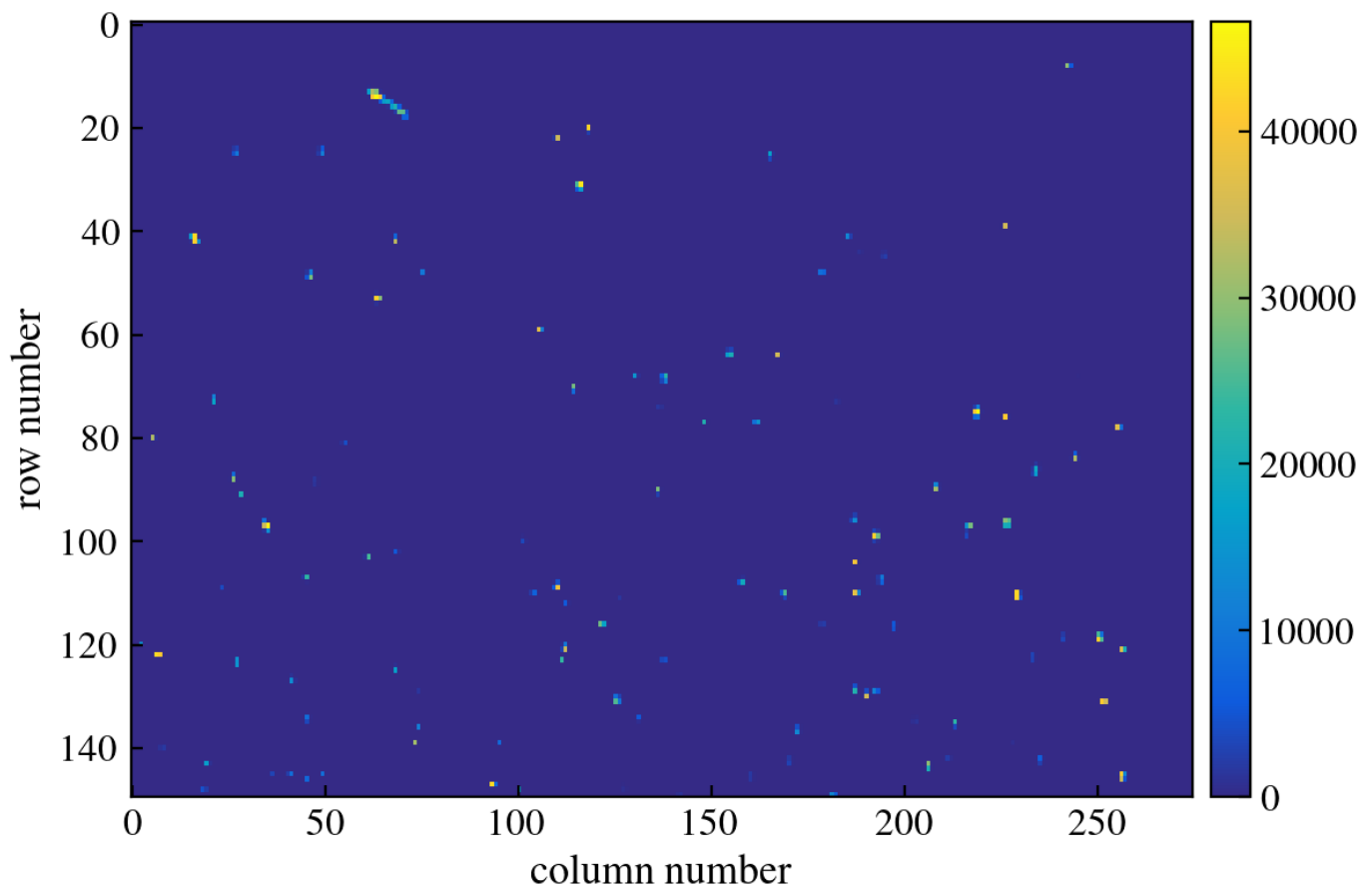


Figure 234: CCD Image

CCD Image: run 147, image 281  
[class MECCDImage]

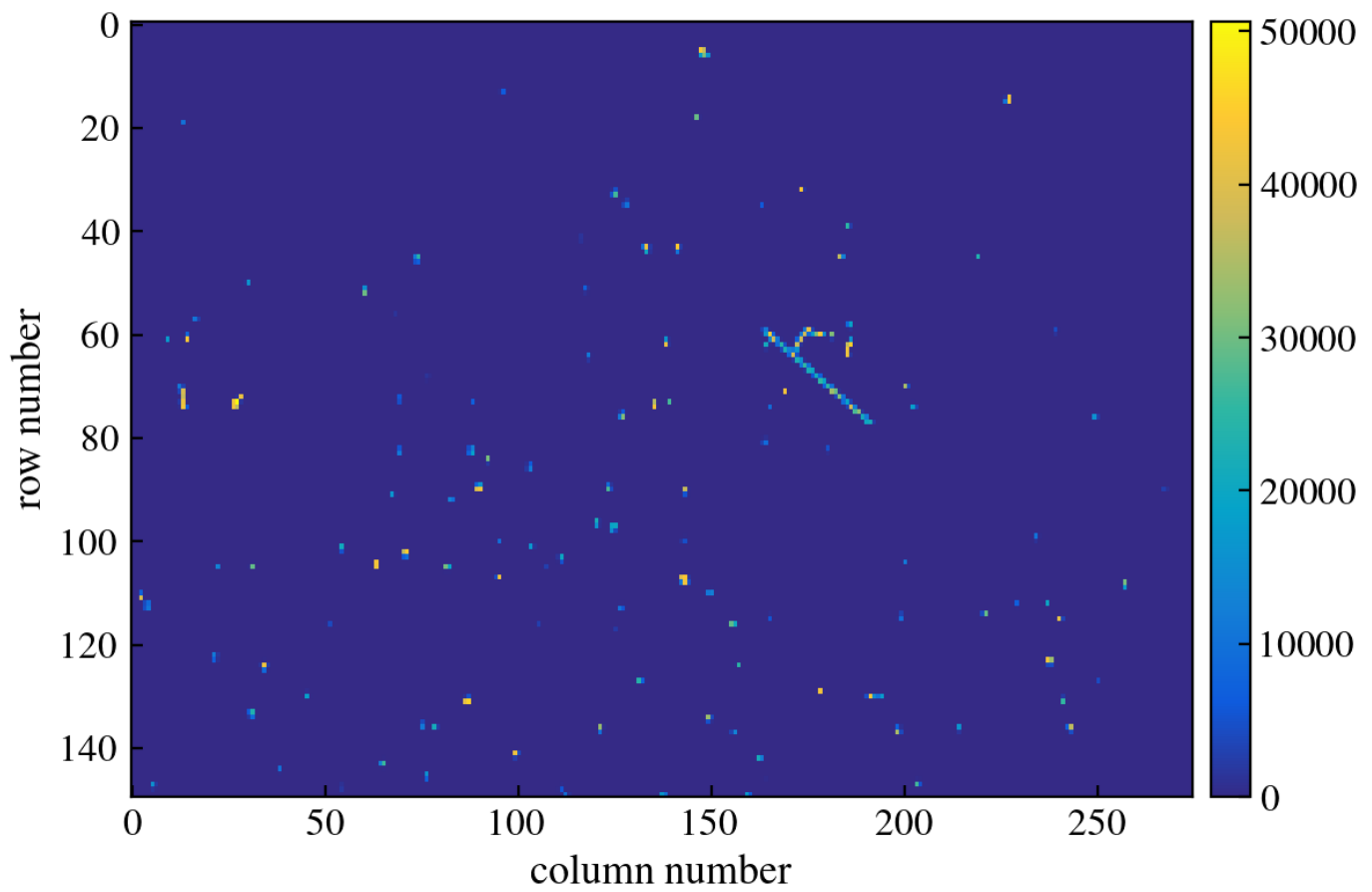


Figure 235: CCD Image



CCD Image: run 147, image 282  
[class MECCDImage]

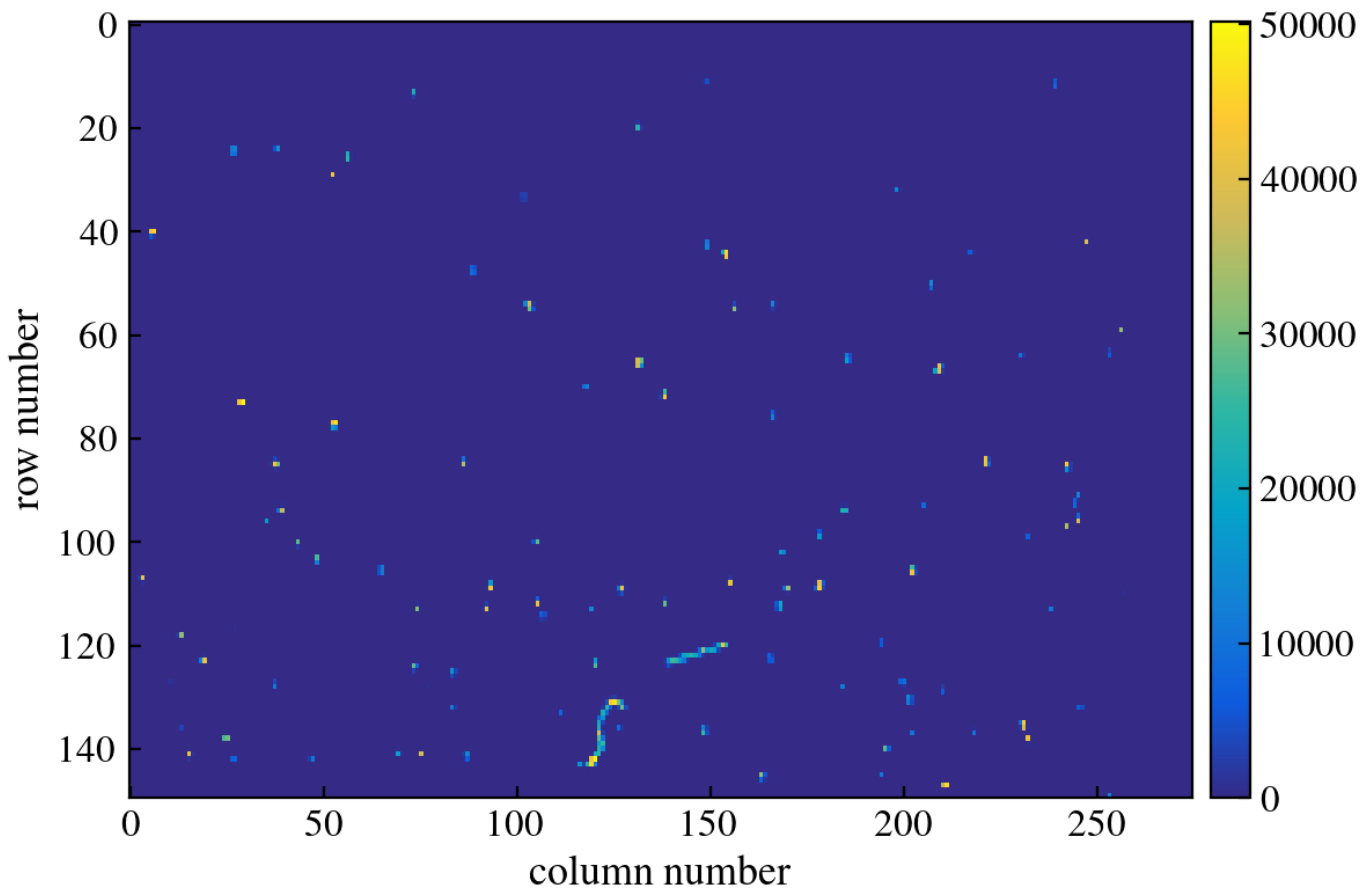


Figure 236: CCD Image

CCD Image: run 147, image 283  
[class MECCDImage]

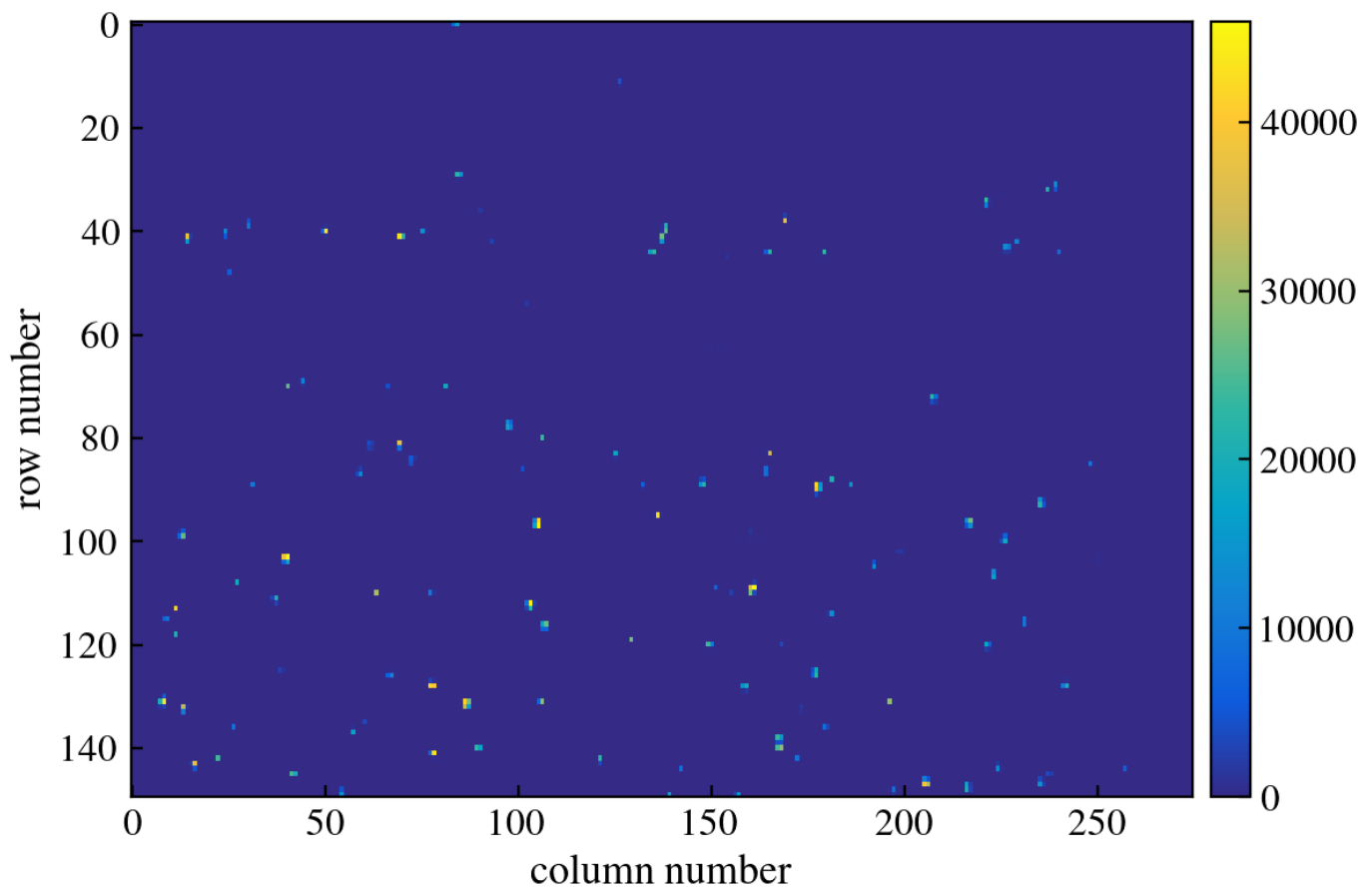


Figure 237: CCD Image

CCD Image: run 147, image 284  
[class MECCDImage]

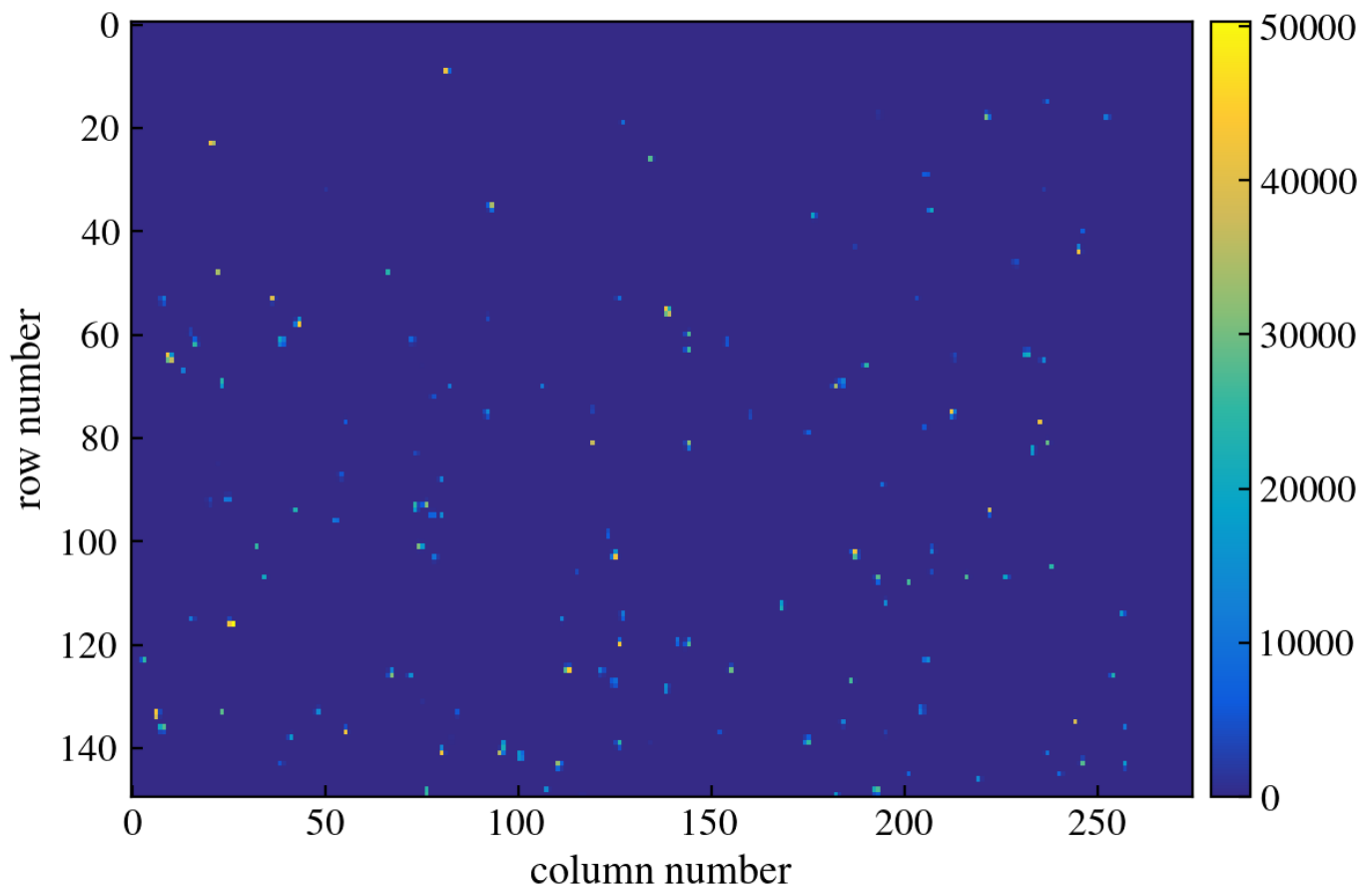


Figure 238: CCD Image

CCD Image: run 147, image 285  
[class MECCDImage]

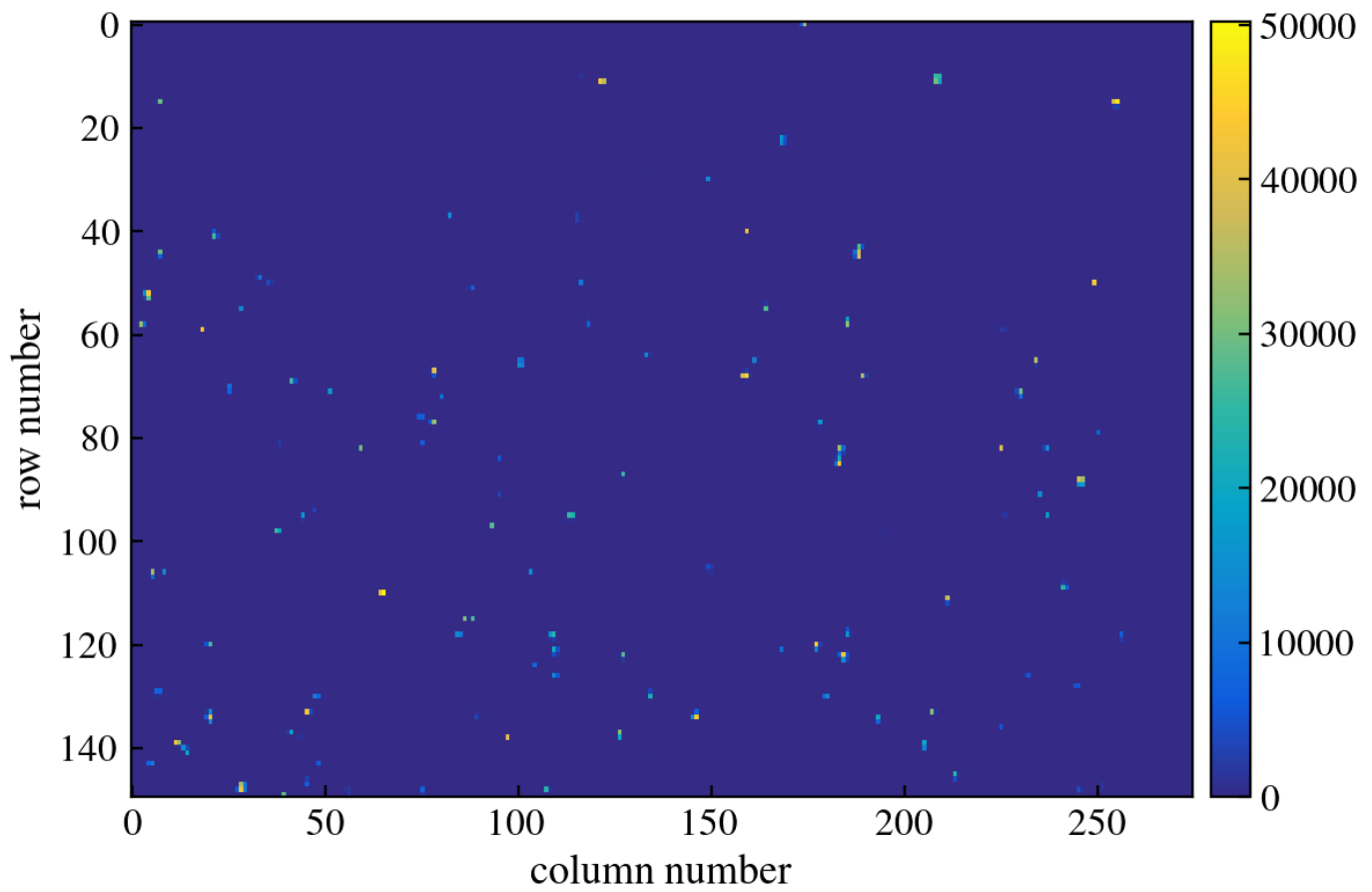


Figure 239: CCD Image

CCD Image: run 147, image 286  
[class MECCDImage]

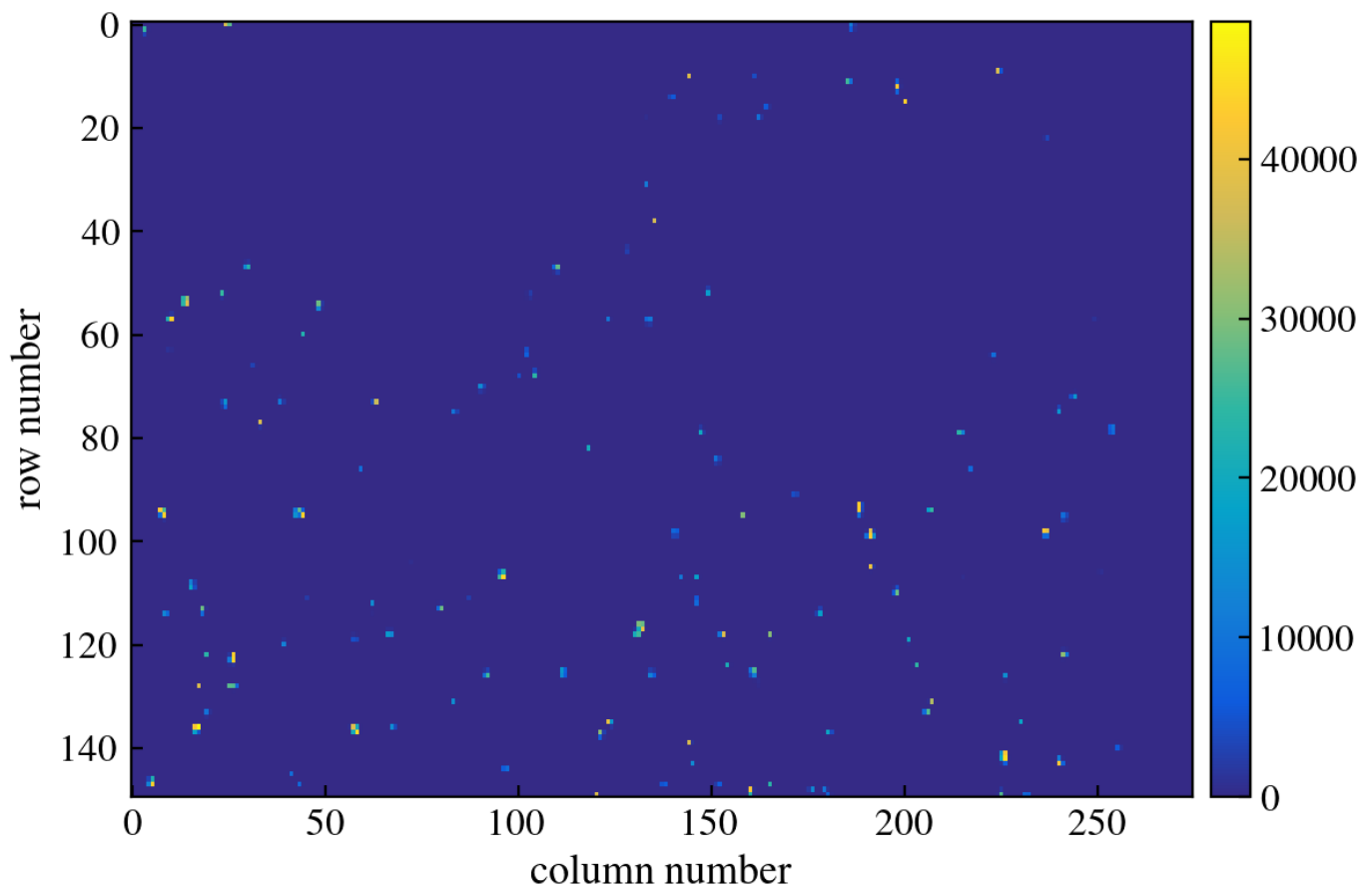


Figure 240: CCD Image

CCD Image: run 147, image 287  
[class MECCDImage]

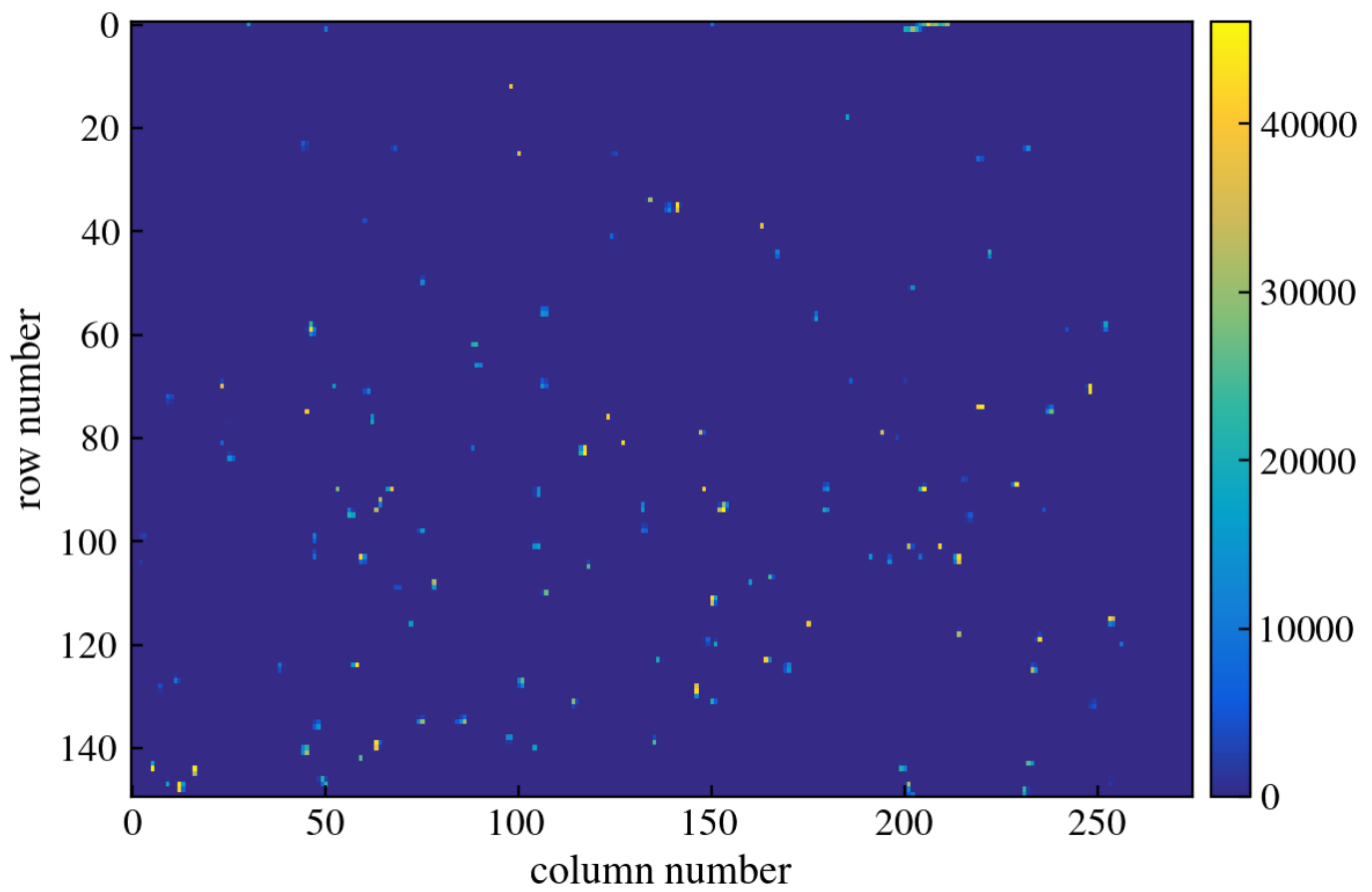


Figure 241: CCD Image

CCD Image: run 147, image 288  
[class MECCDImage]

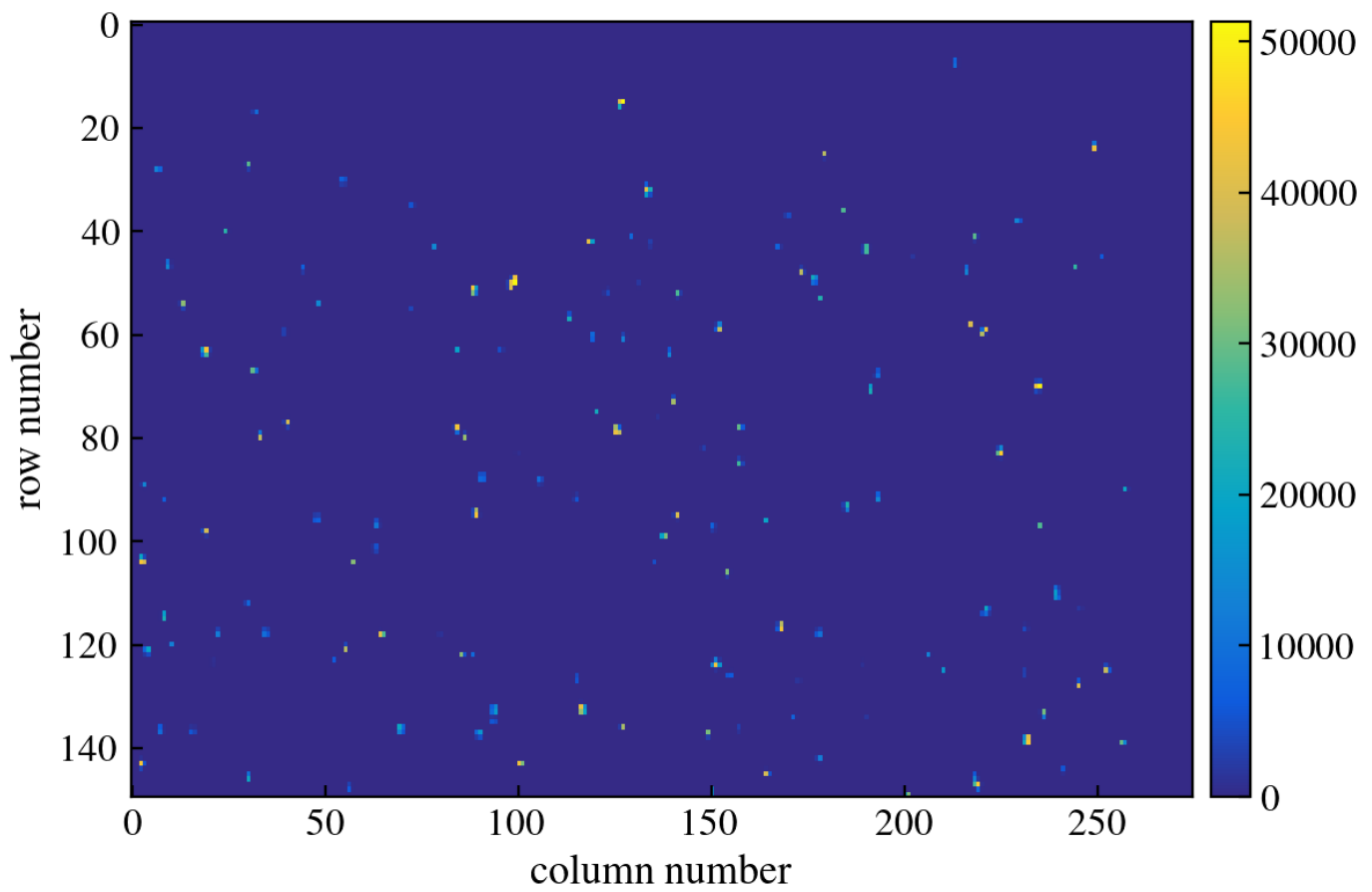


Figure 242: CCD Image

CCD Image: run 147, image 289  
[class MECCDImage]

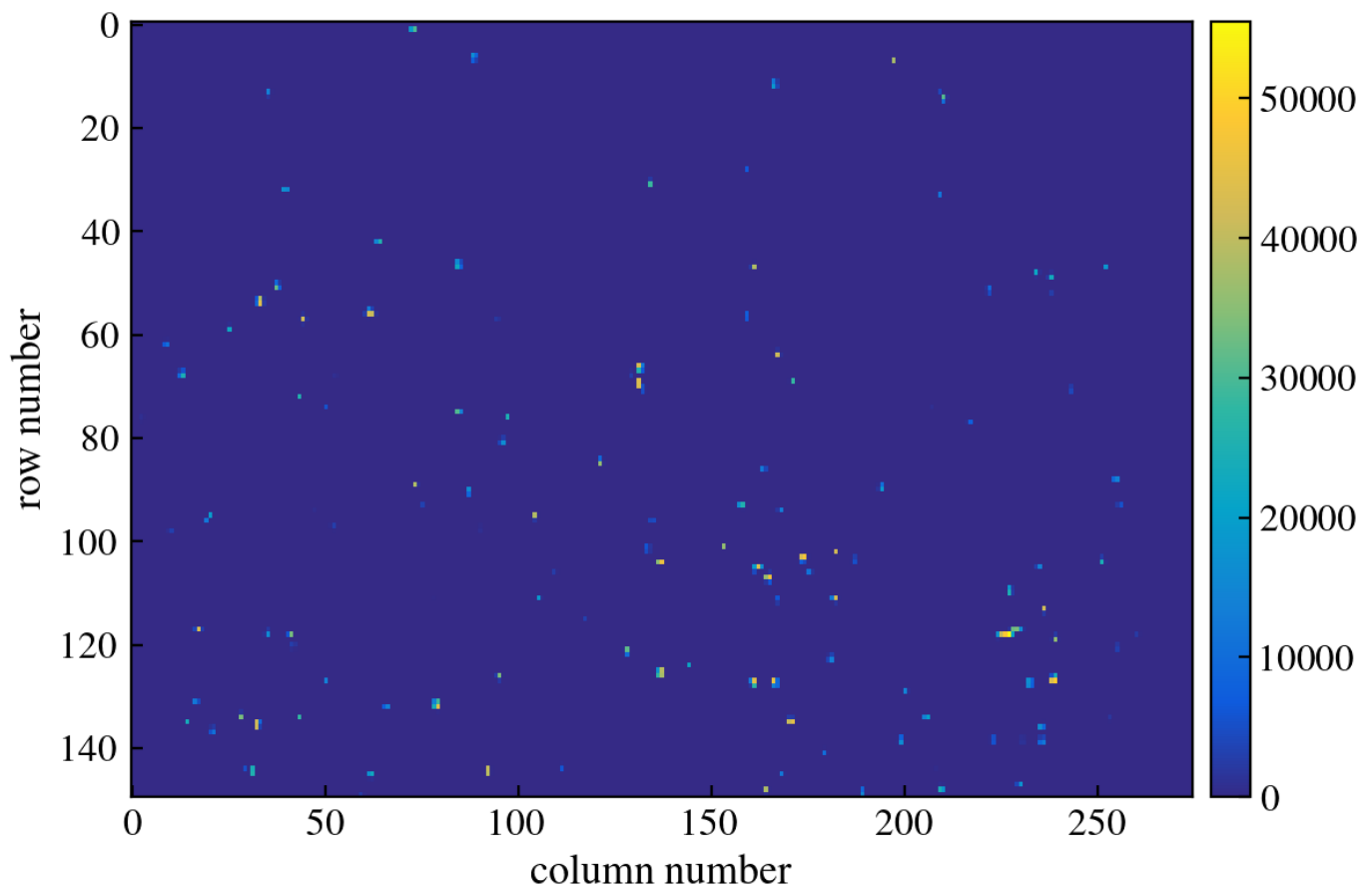


Figure 243: CCD Image



CCD Image: run 147, image 29  
[class MECCDImage]

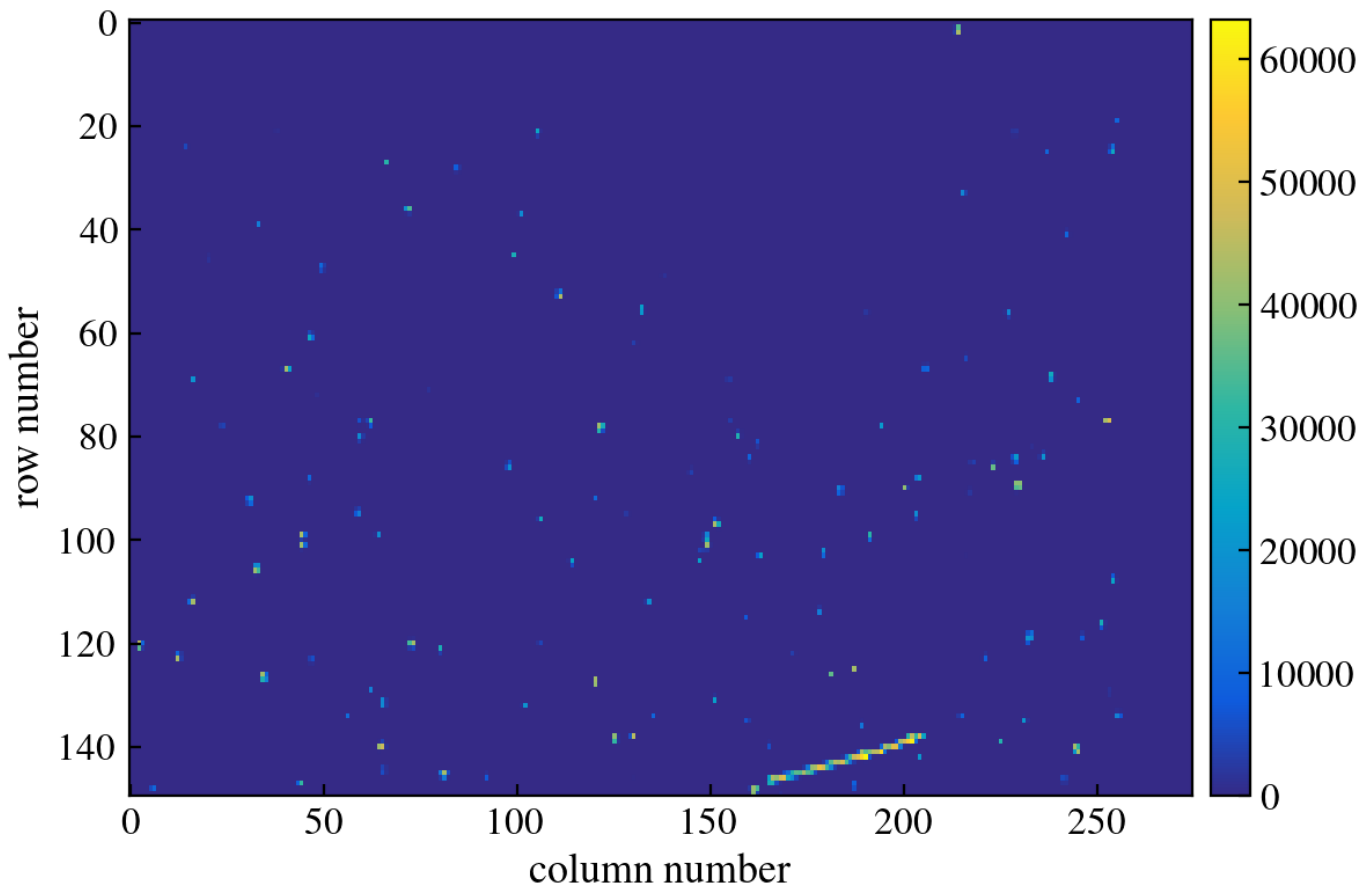


Figure 244: CCD Image

CCD Image: run 147, image 290  
[class MECCDImage]

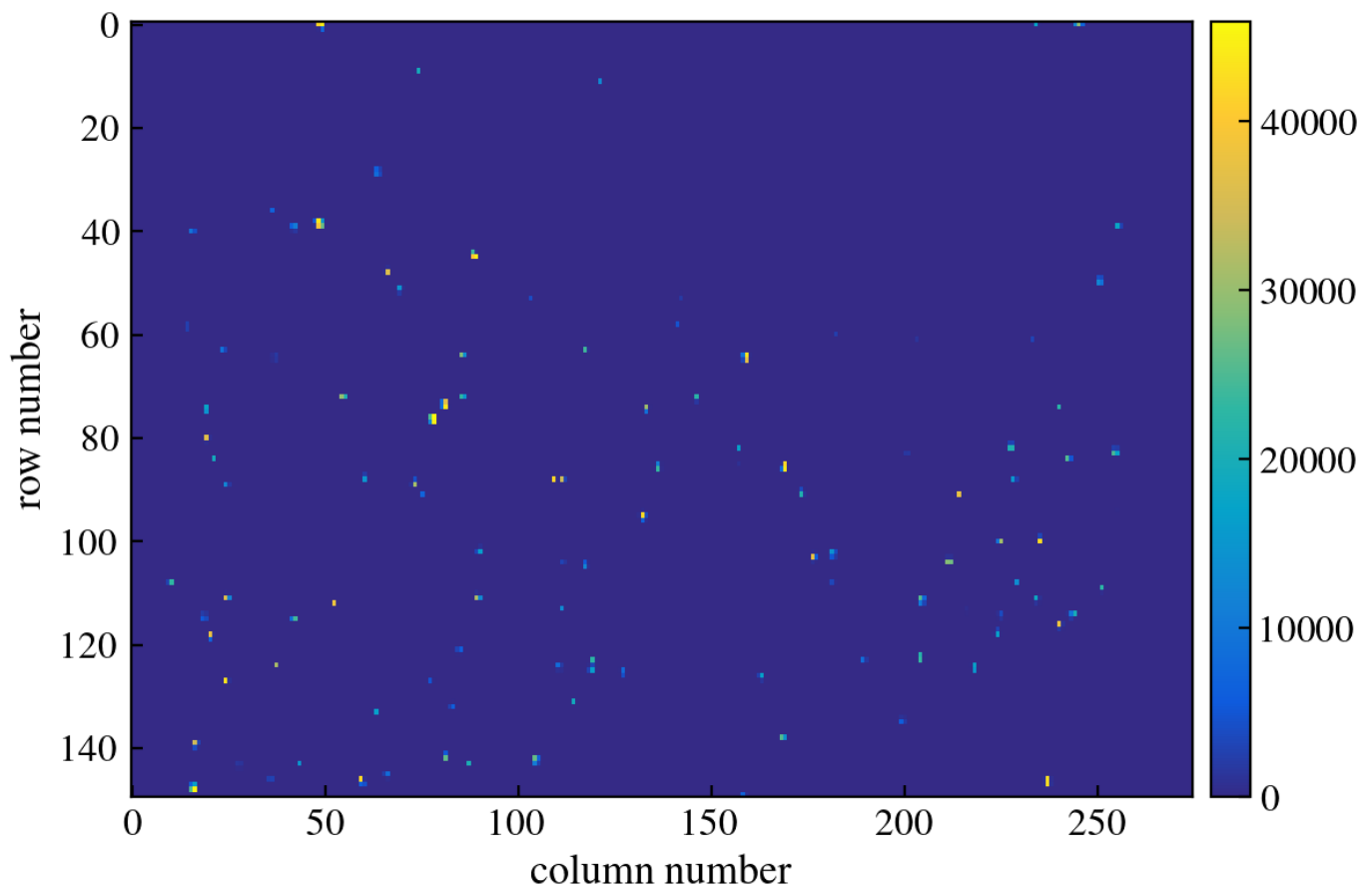


Figure 245: CCD Image

CCD Image: run 147, image 291  
[class MECCDImage]

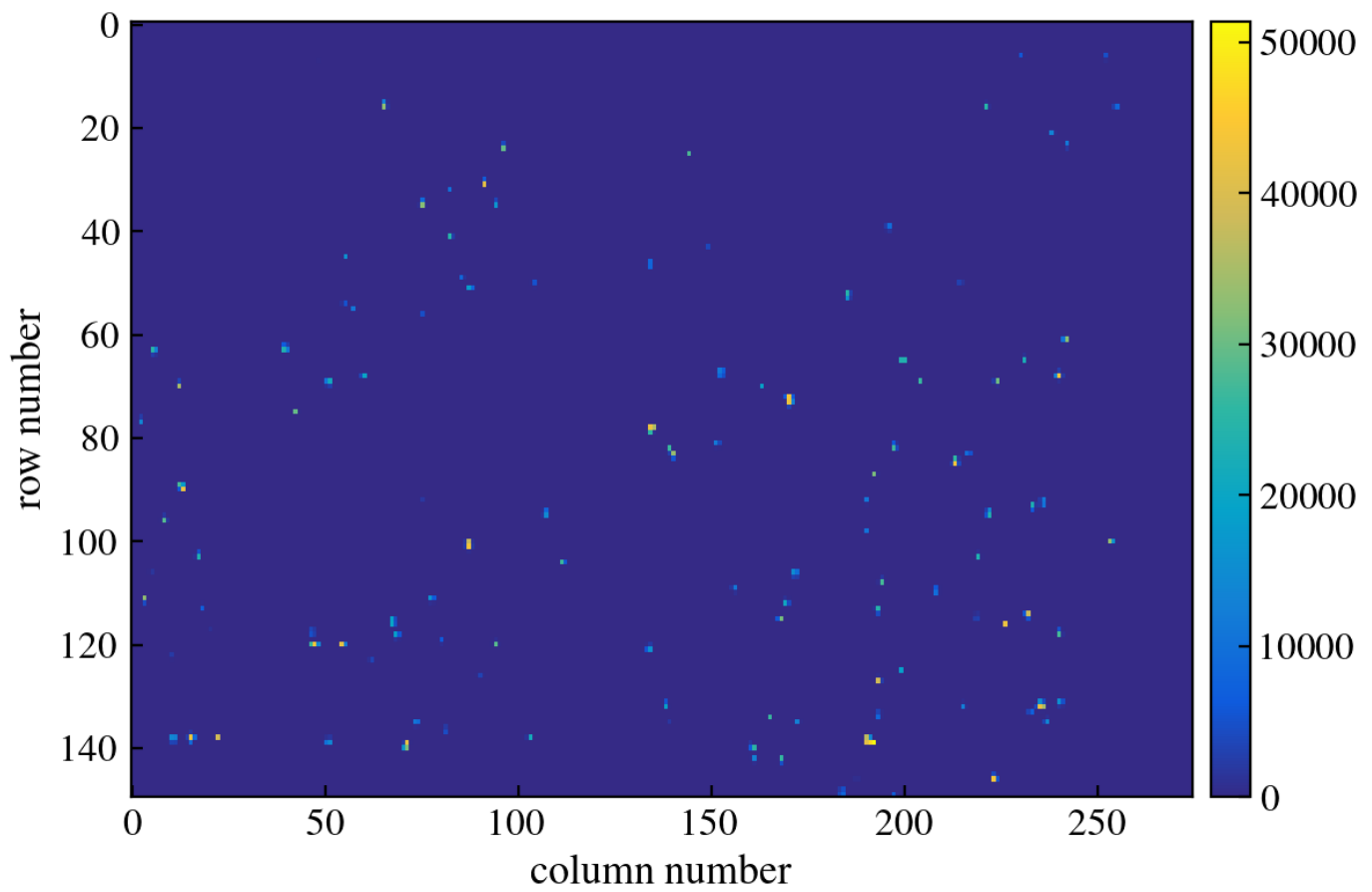


Figure 246: CCD Image

CCD Image: run 147, image 292  
[class MECCDImage]

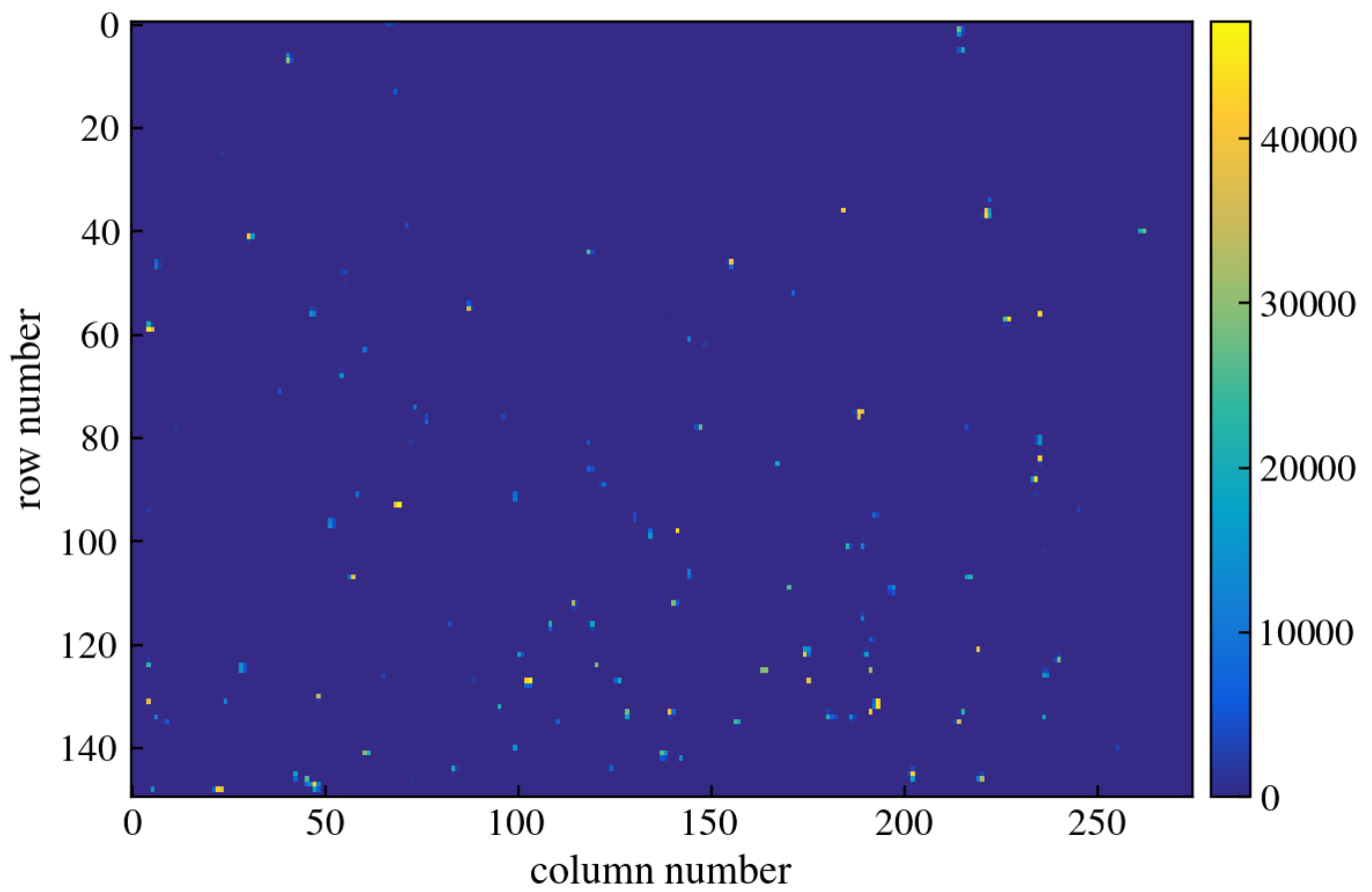


Figure 247: CCD Image

CCD Image: run 147, image 293  
[class MECCDImage]

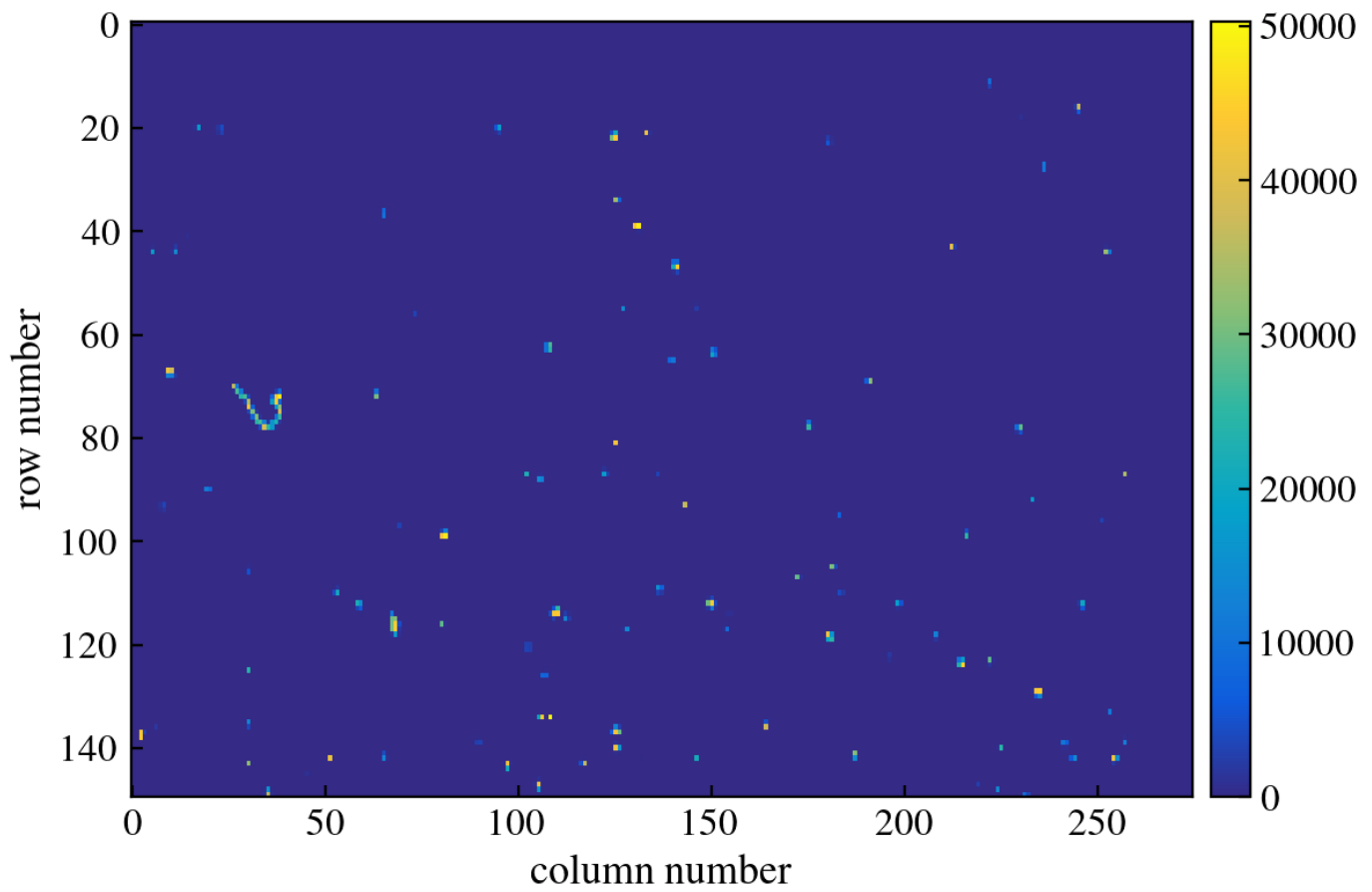


Figure 248: CCD Image

CCD Image: run 147, image 294  
[class MECCDImage]

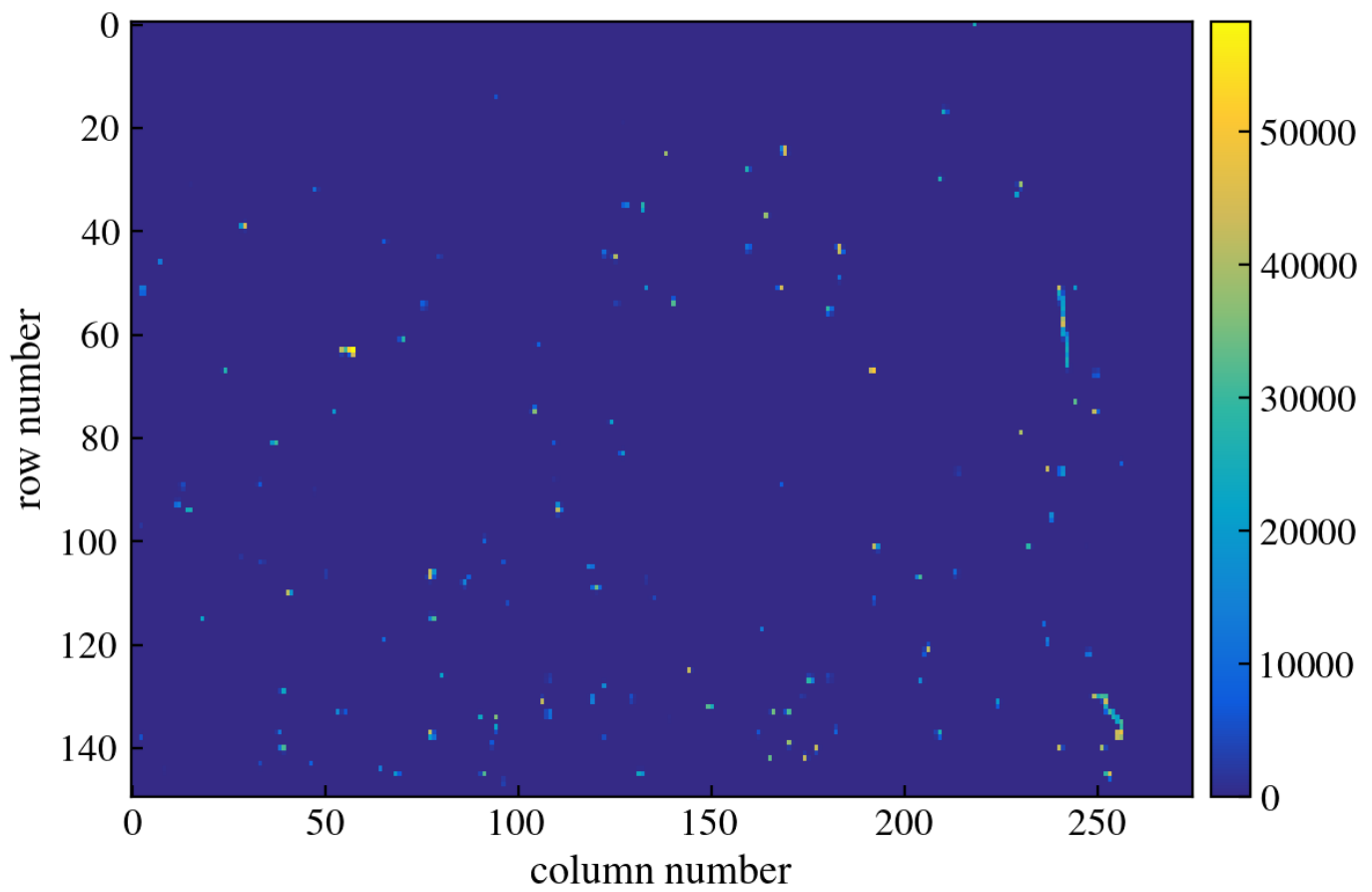


Figure 249: CCD Image

CCD Image: run 147, image 295  
[class MECCDImage]

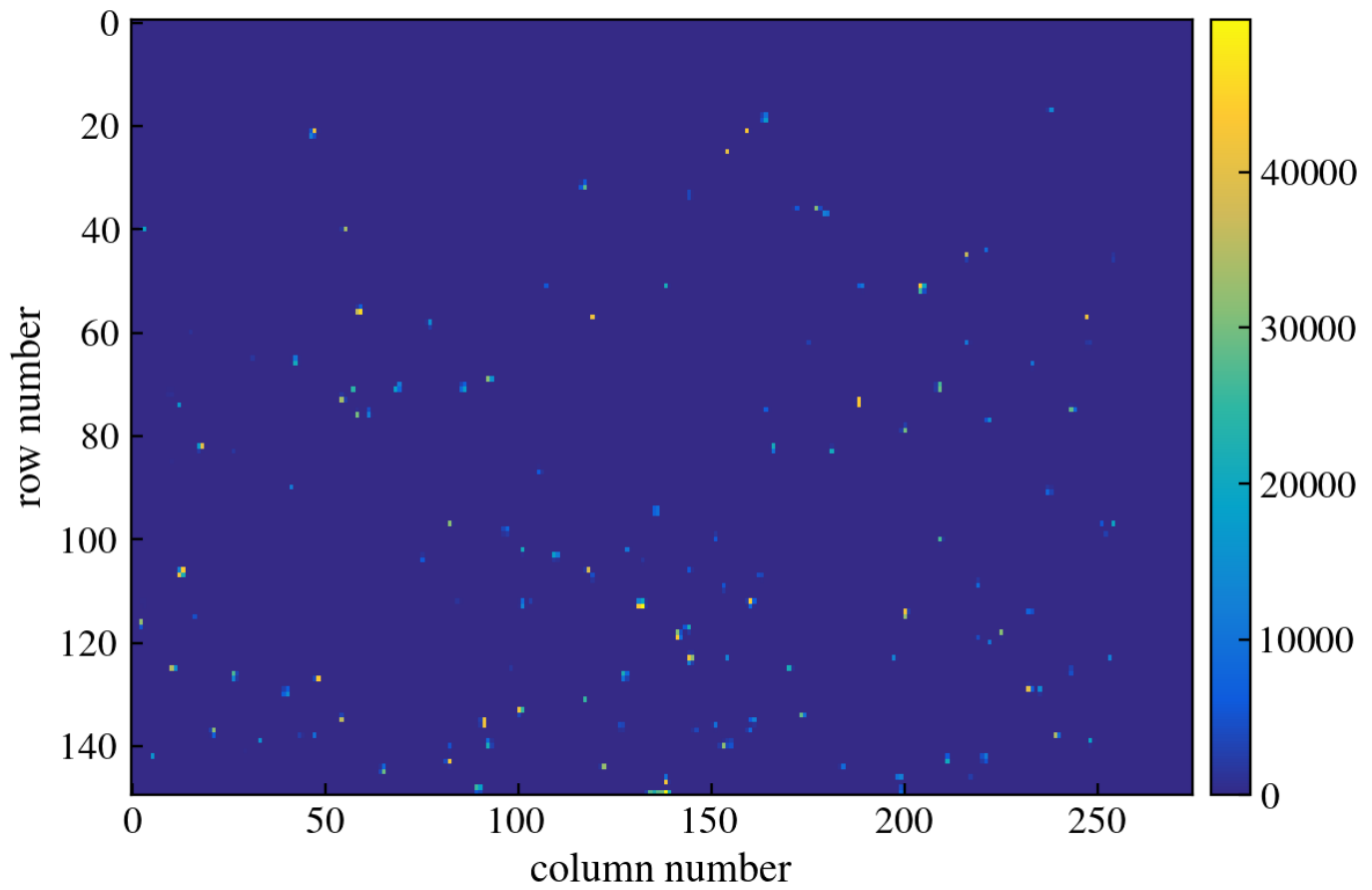


Figure 250: CCD Image

CCD Image: run 147, image 296  
[class MECCDImage]

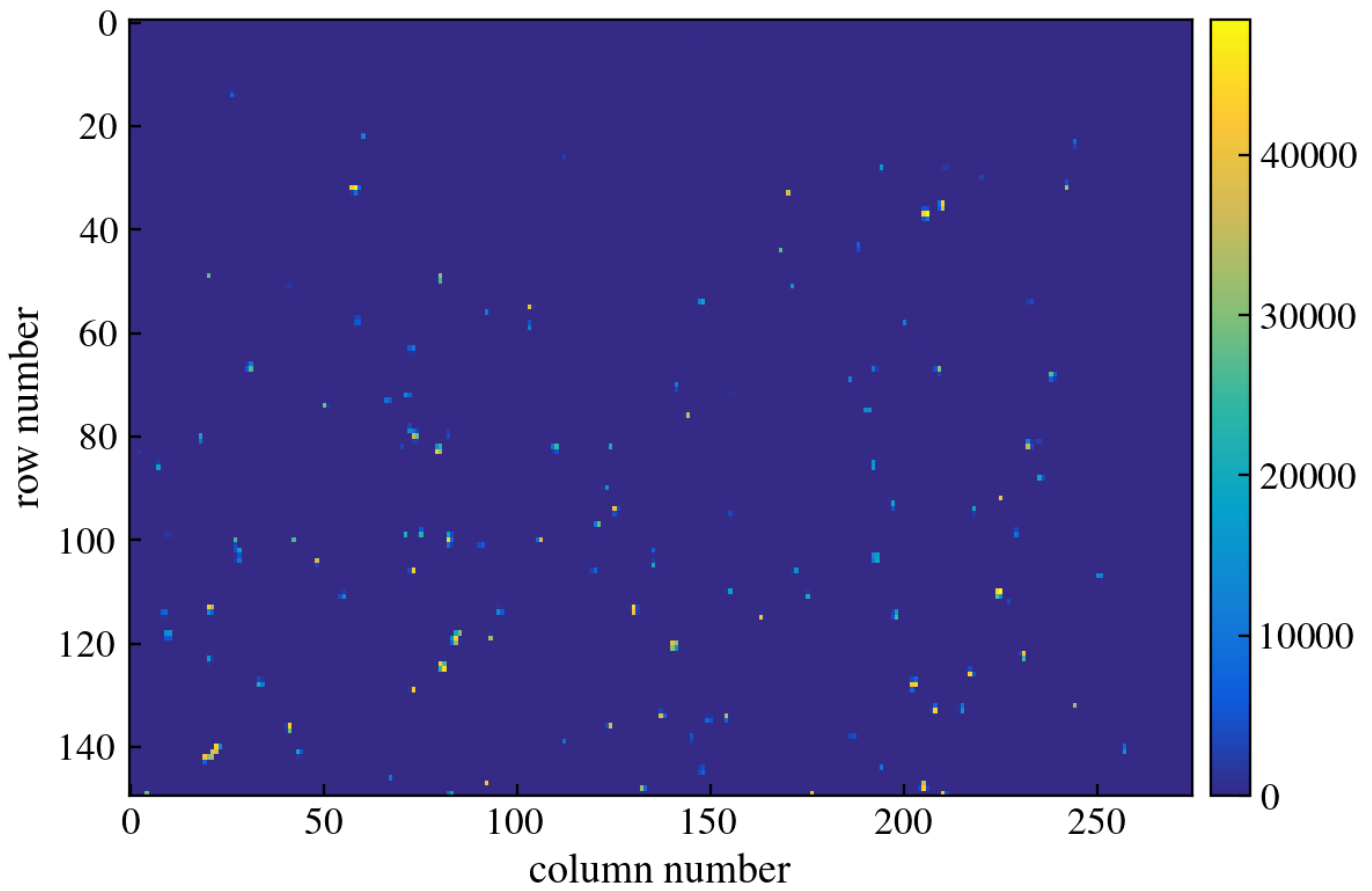


Figure 251: CCD Image



CCD Image: run 147, image 297  
[class MECCDImage]

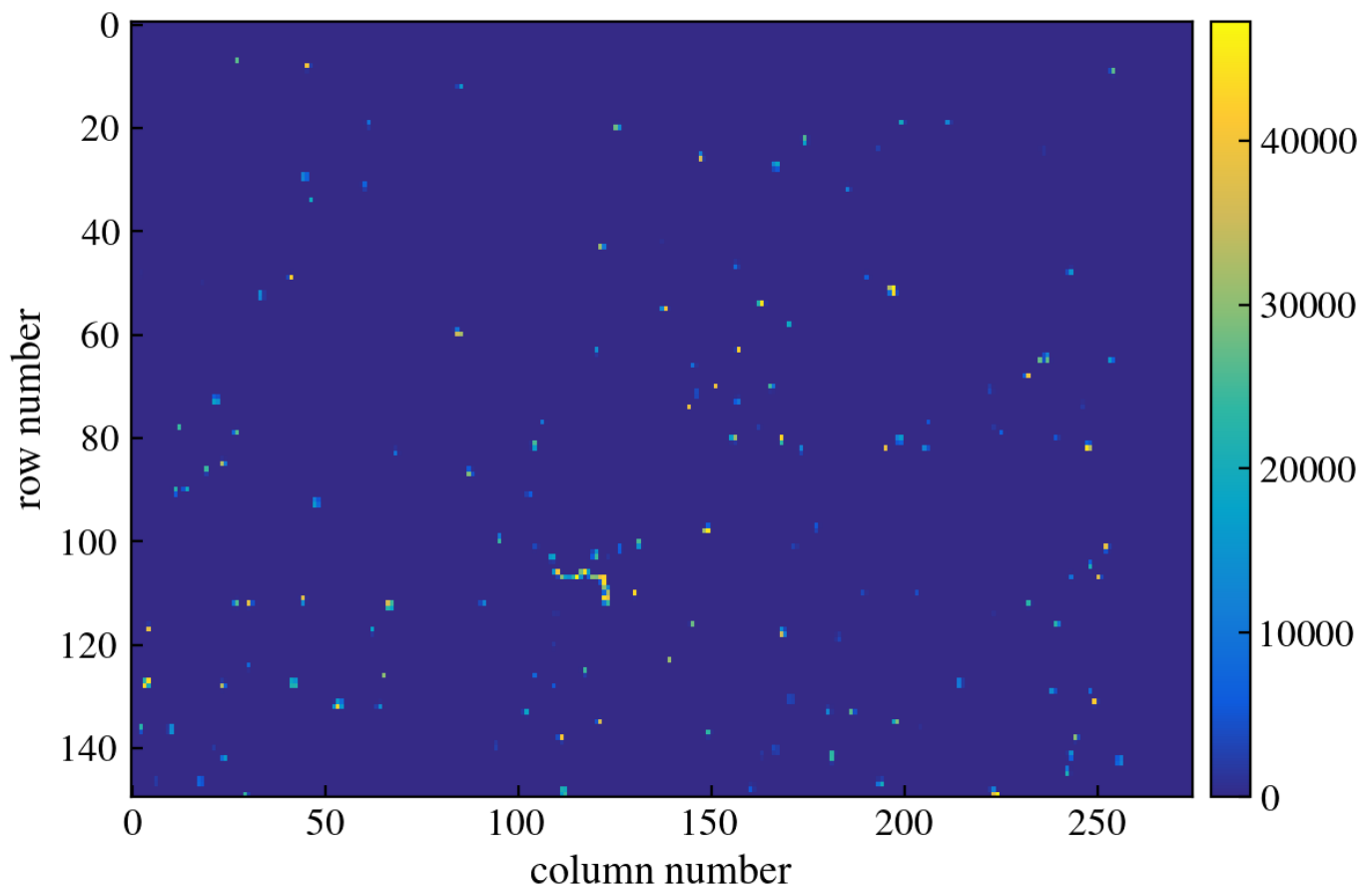


Figure 252: CCD Image

CCD Image: run 147, image 298  
[class MECCDImage]

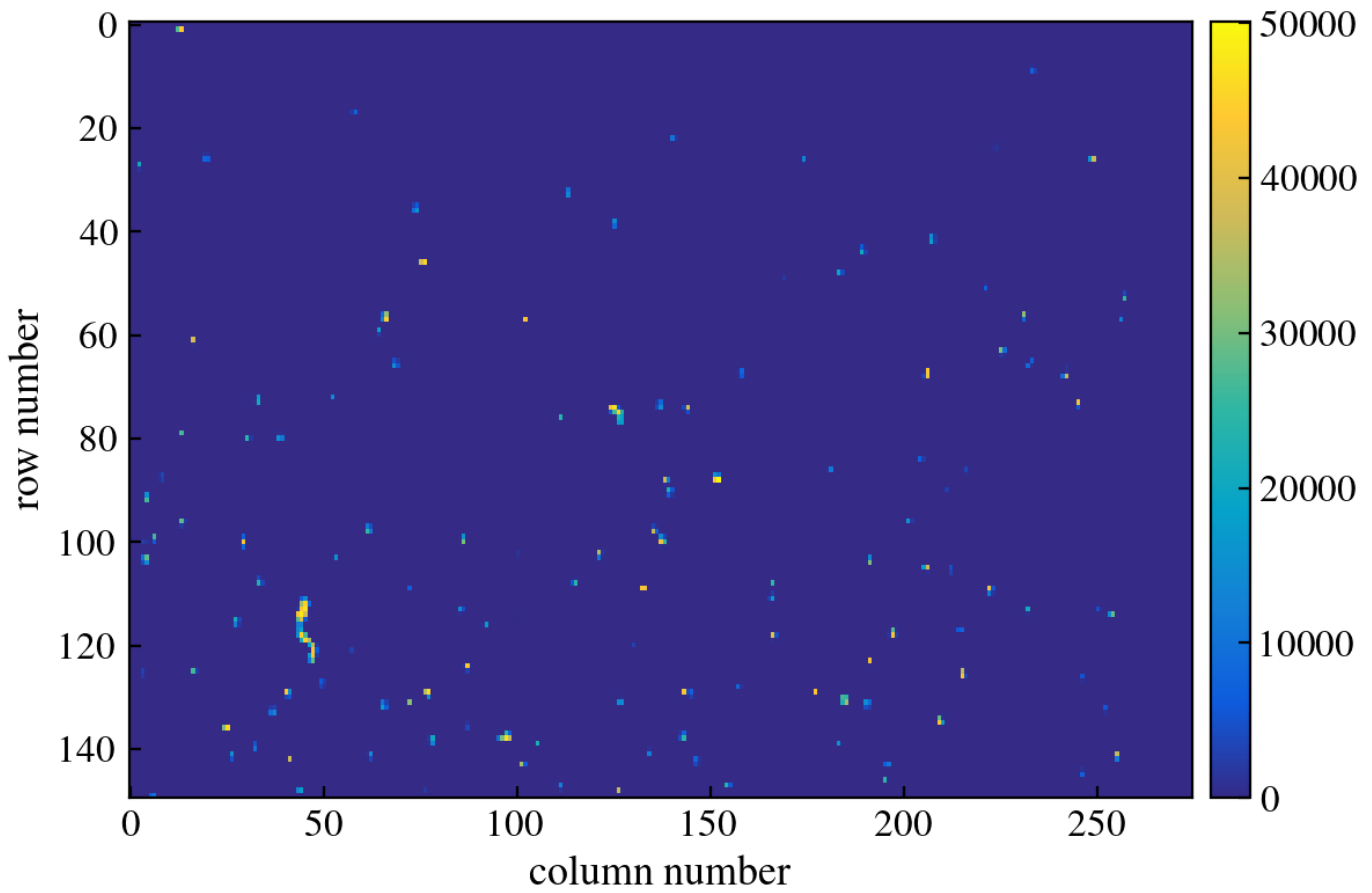


Figure 253: CCD Image

CCD Image: run 147, image 299  
[class MECCDImage]

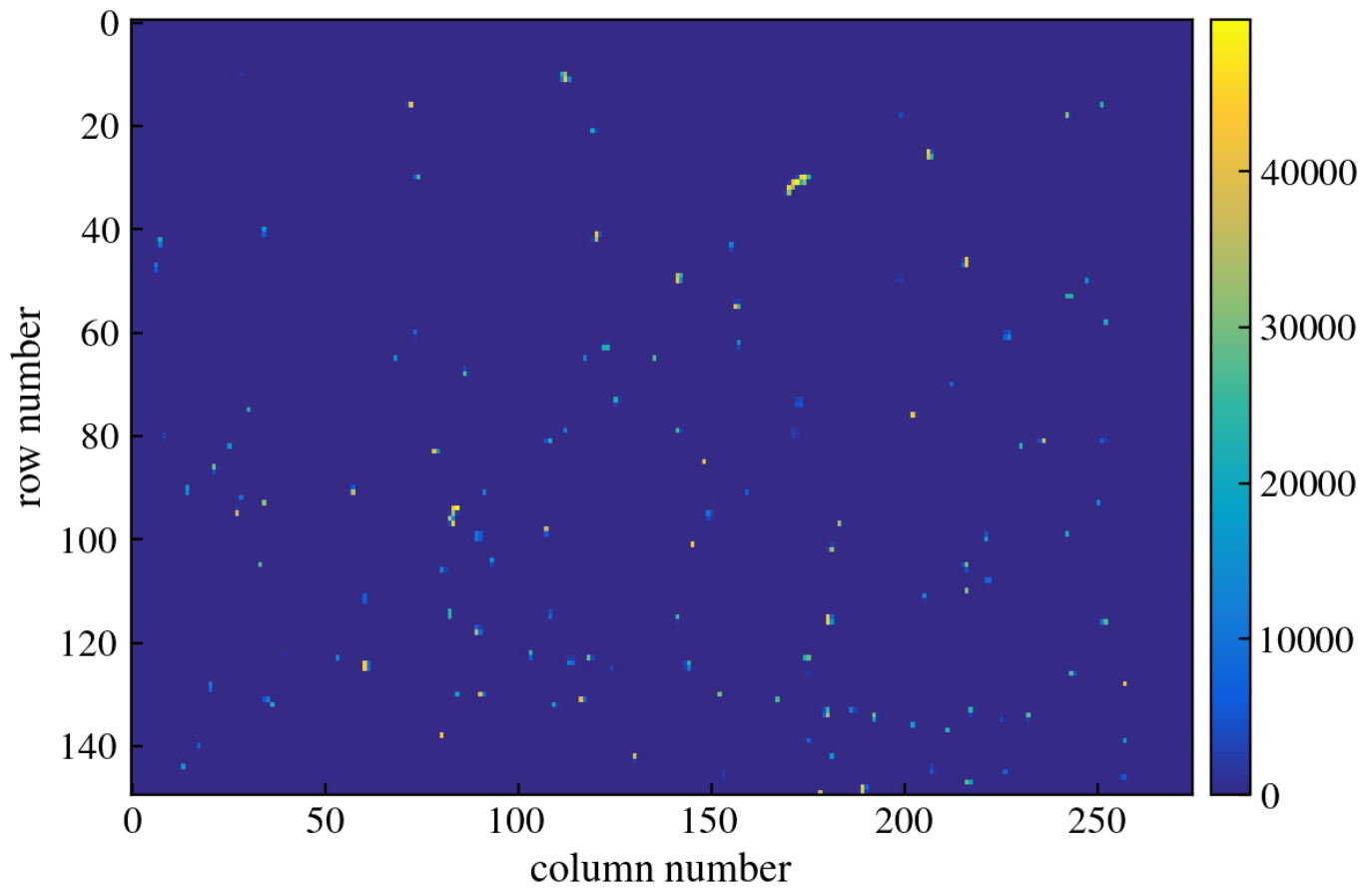


Figure 254: CCD Image

CCD Image: run 147, image 3  
[class MECCDImage]

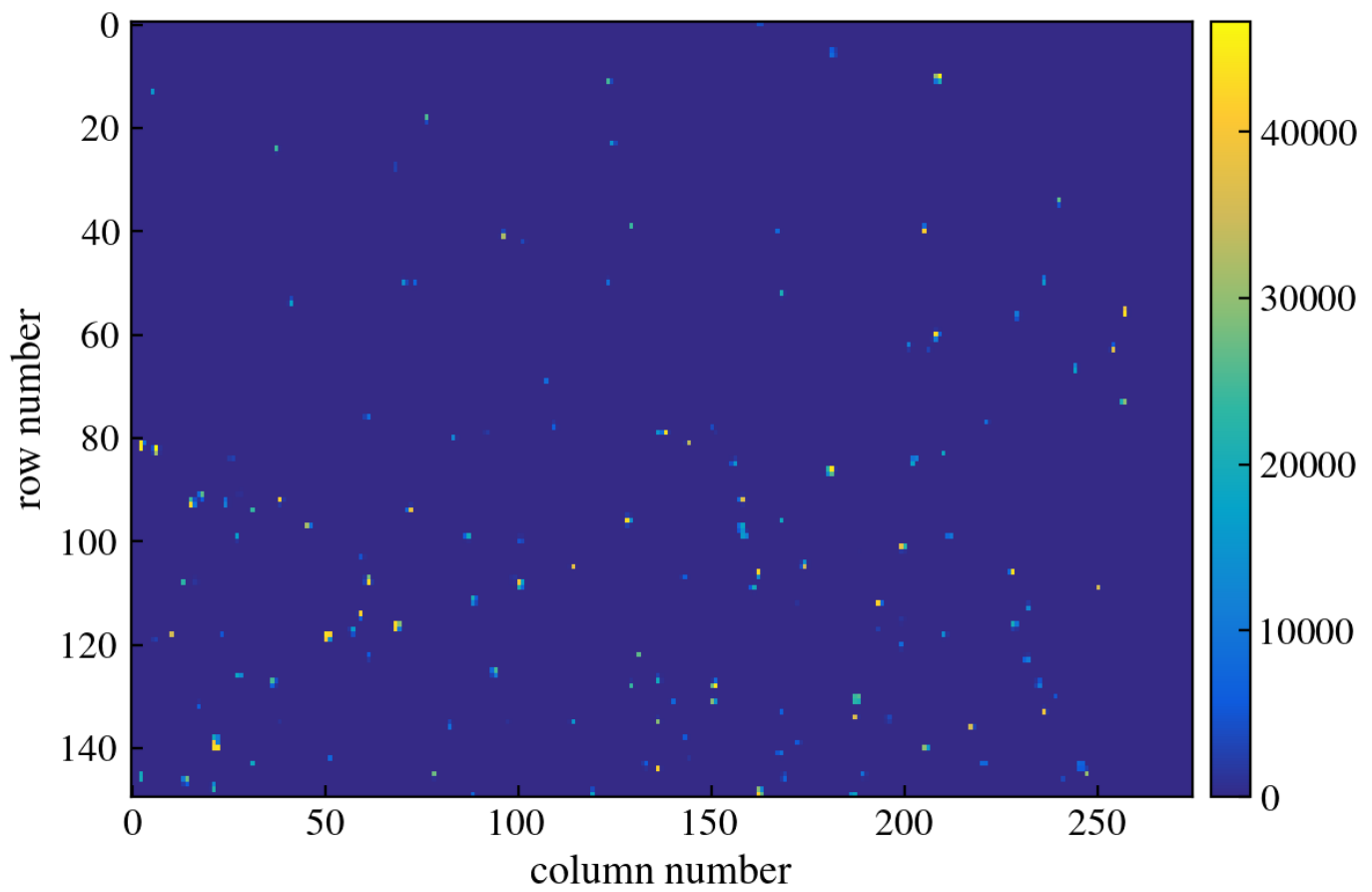


Figure 255: CCD Image

CCD Image: run 147, image 30  
[class MECCDImage]

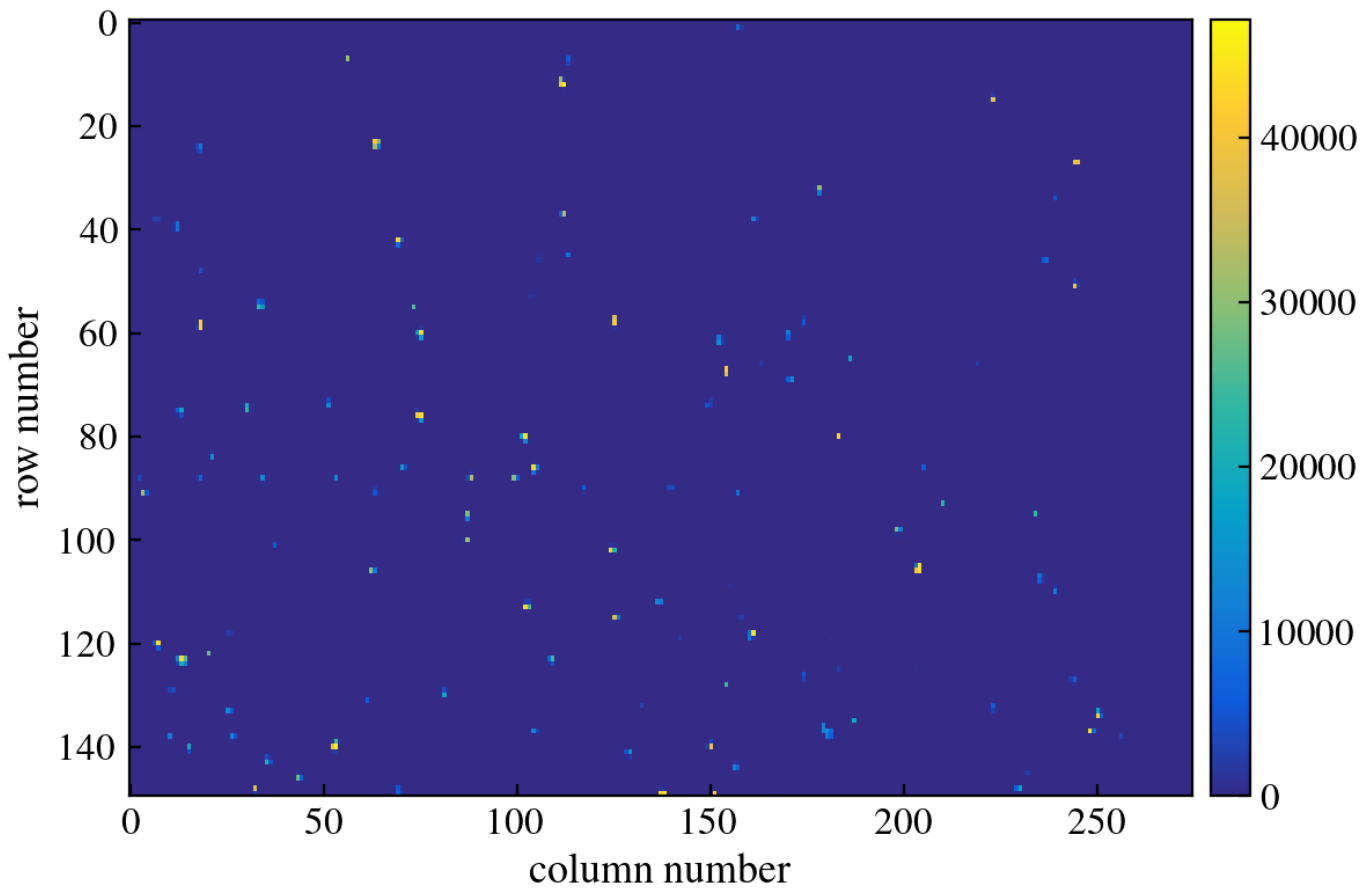


Figure 256: CCD Image

CCD Image: run 147, image 300  
[class MECCDImage]

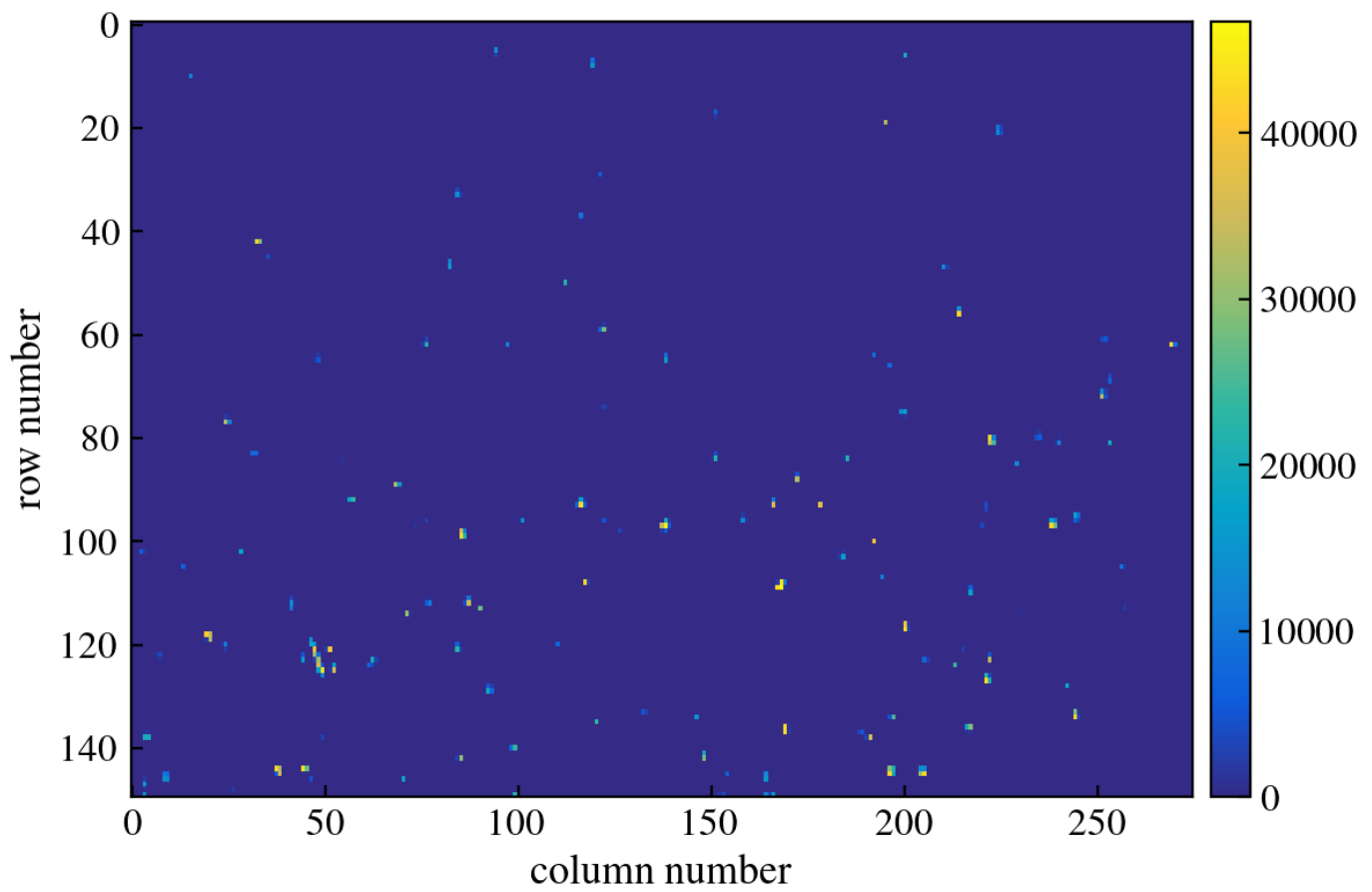


Figure 257: CCD Image

CCD Image: run 147, image 301  
[class MECCDImage]

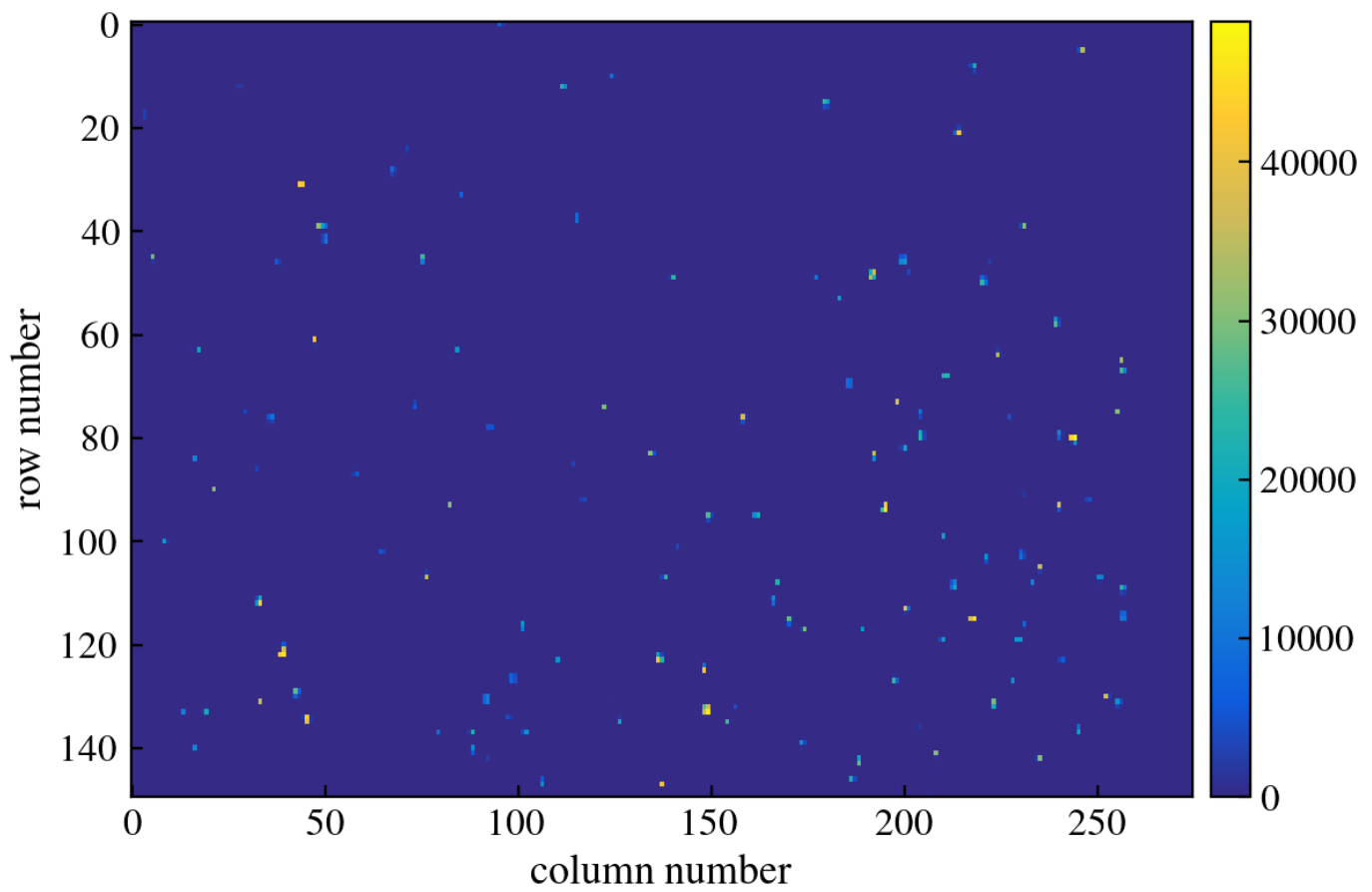


Figure 258: CCD Image

CCD Image: run 147, image 302  
[class MECCDImage]

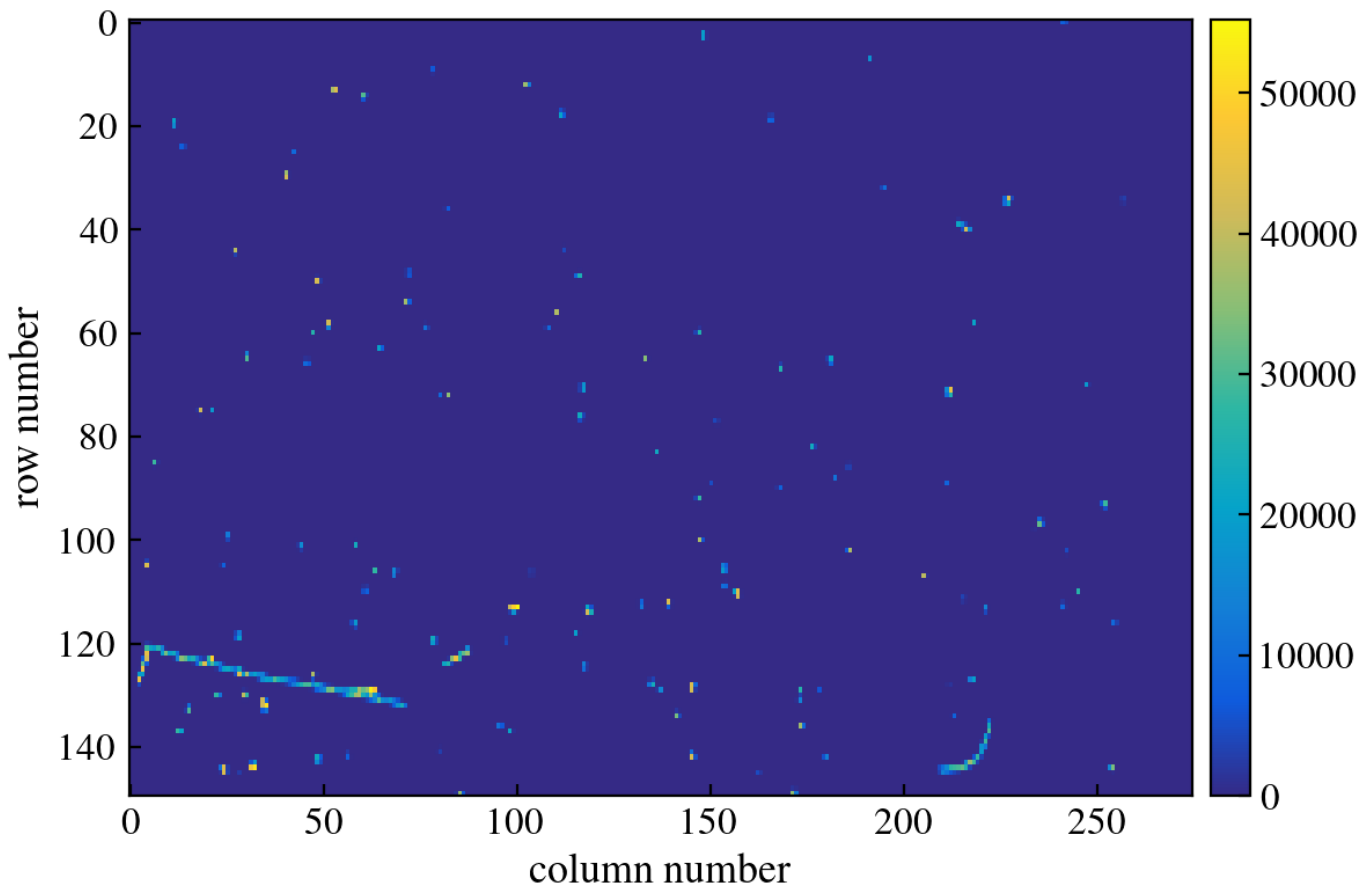


Figure 259: CCD Image



CCD Image: run 147, image 303  
[class MECCDImage]

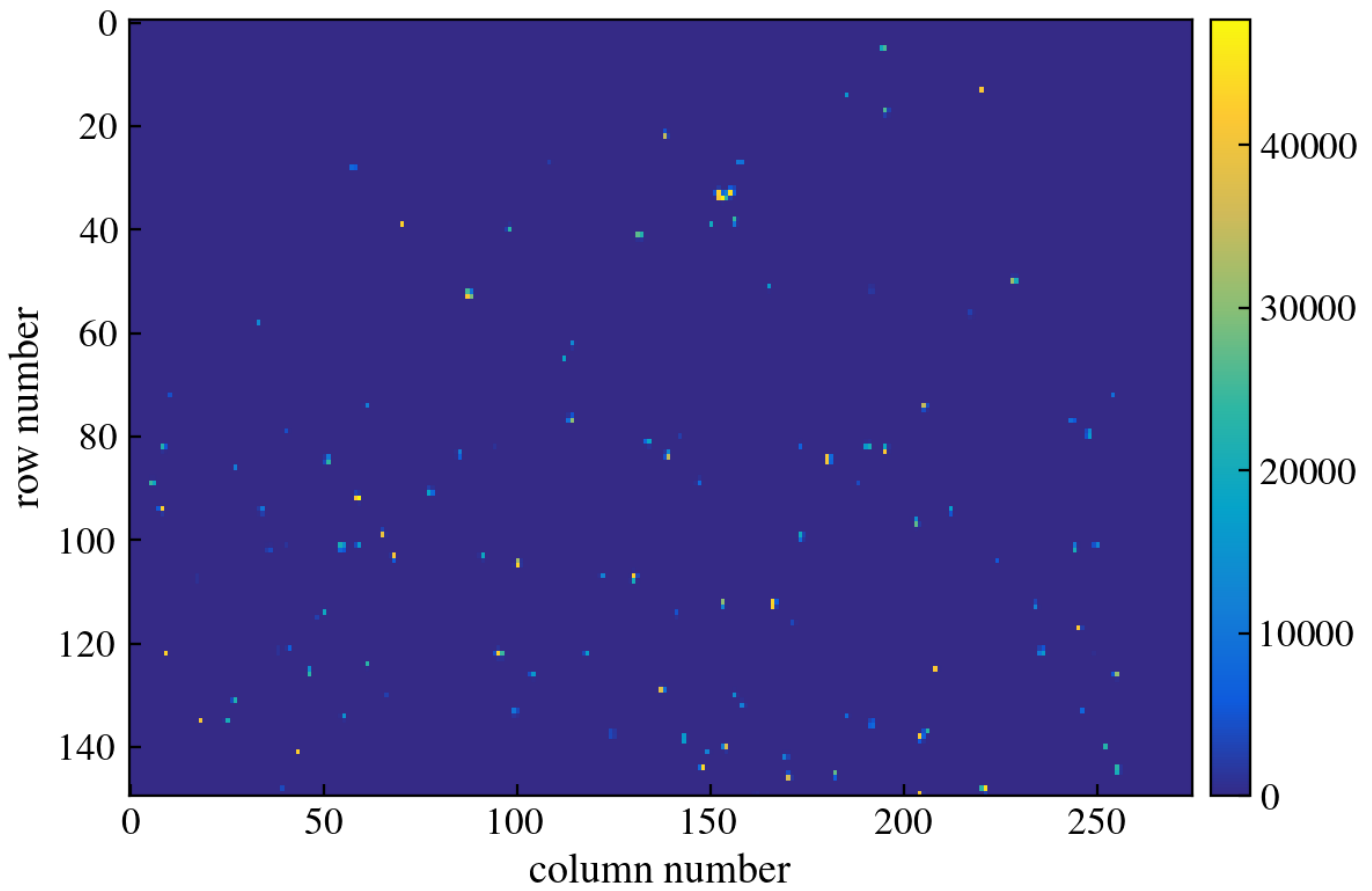


Figure 260: CCD Image

CCD Image: run 147, image 304  
[class MECCDImage]

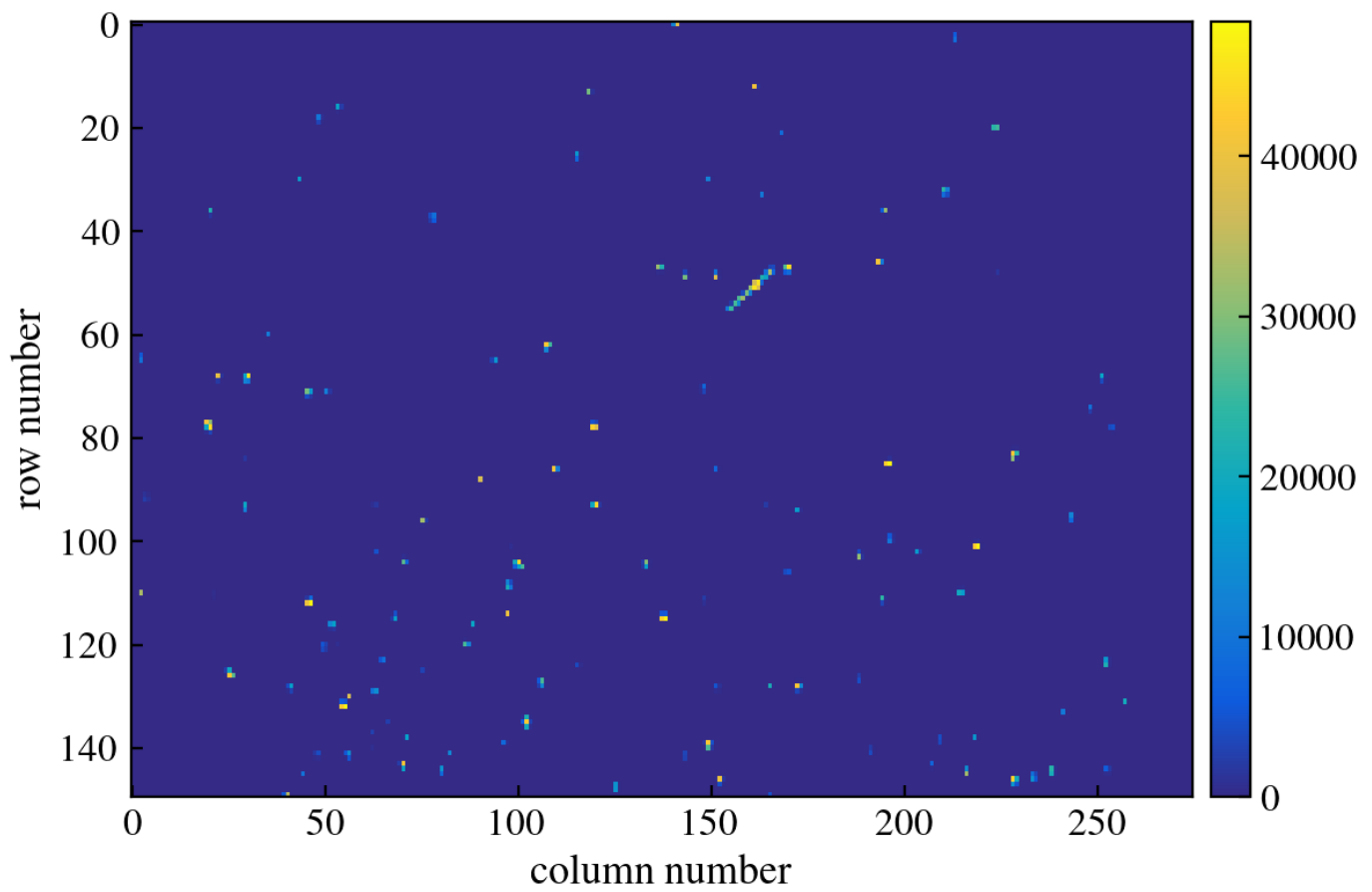


Figure 261: CCD Image

CCD Image: run 147, image 305  
[class MECCDImage]

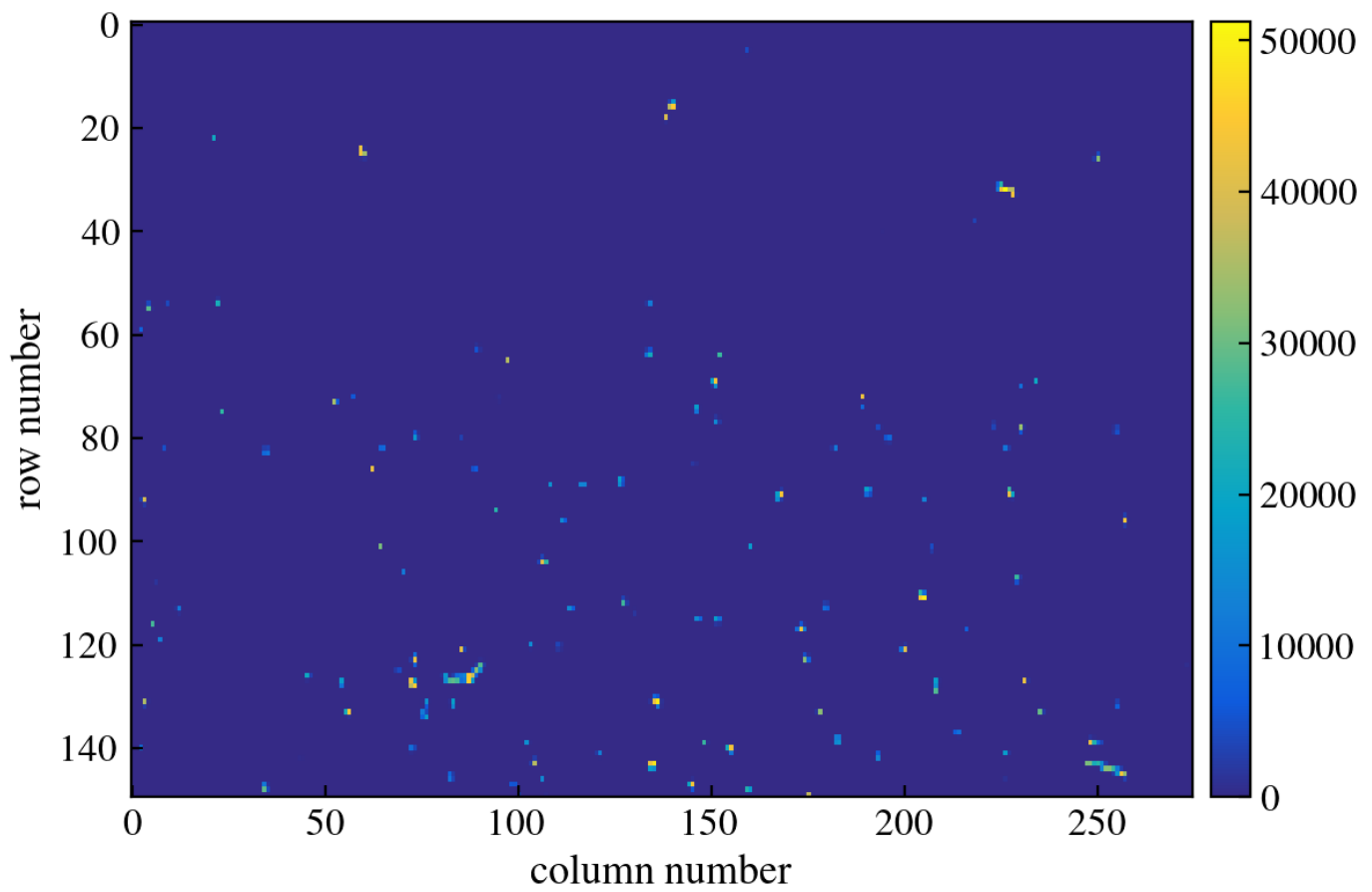


Figure 262: CCD Image

CCD Image: run 147, image 306  
[class MECCDImage]

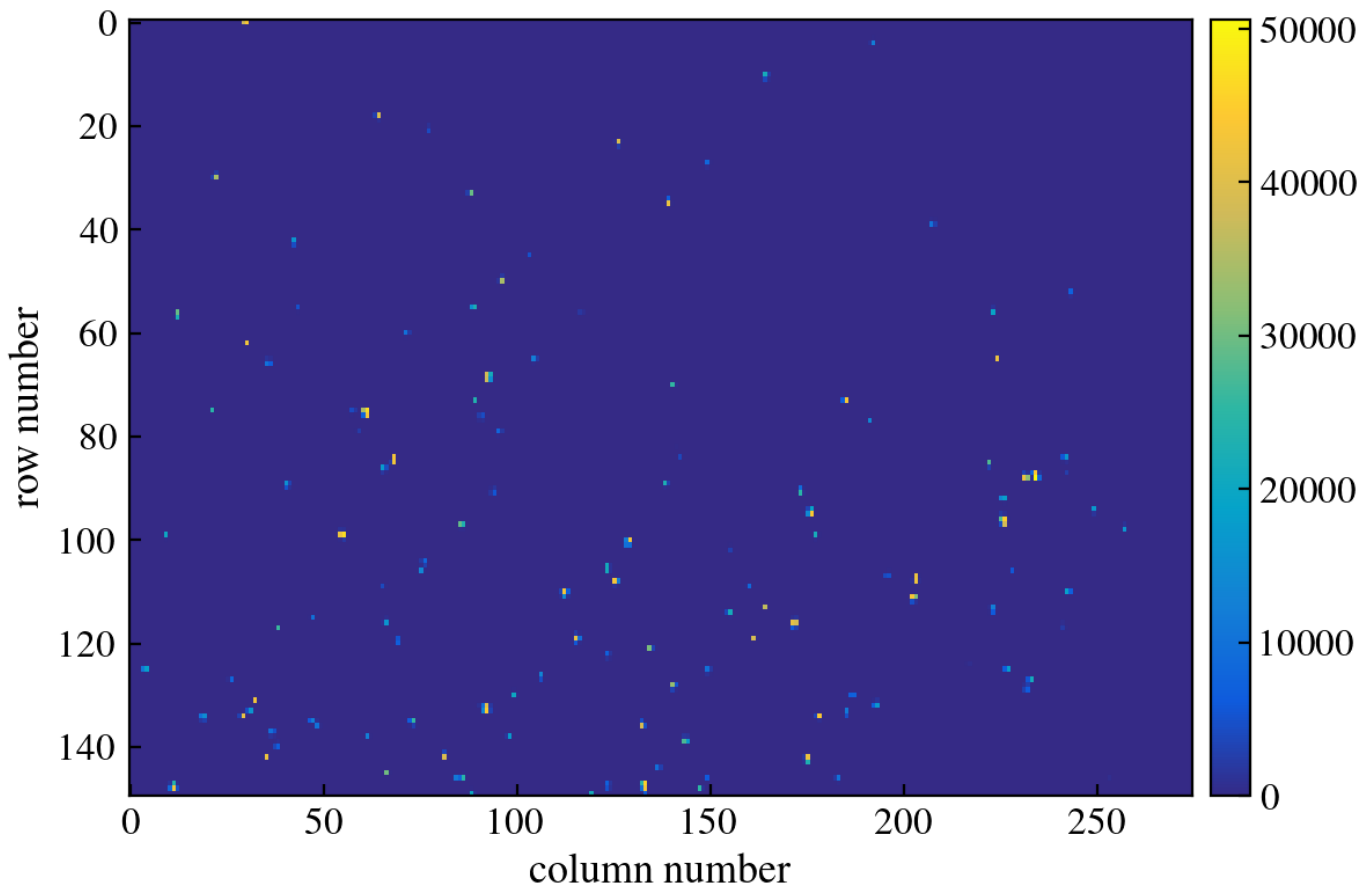


Figure 263: CCD Image

CCD Image: run 147, image 307  
[class MECCDImage]

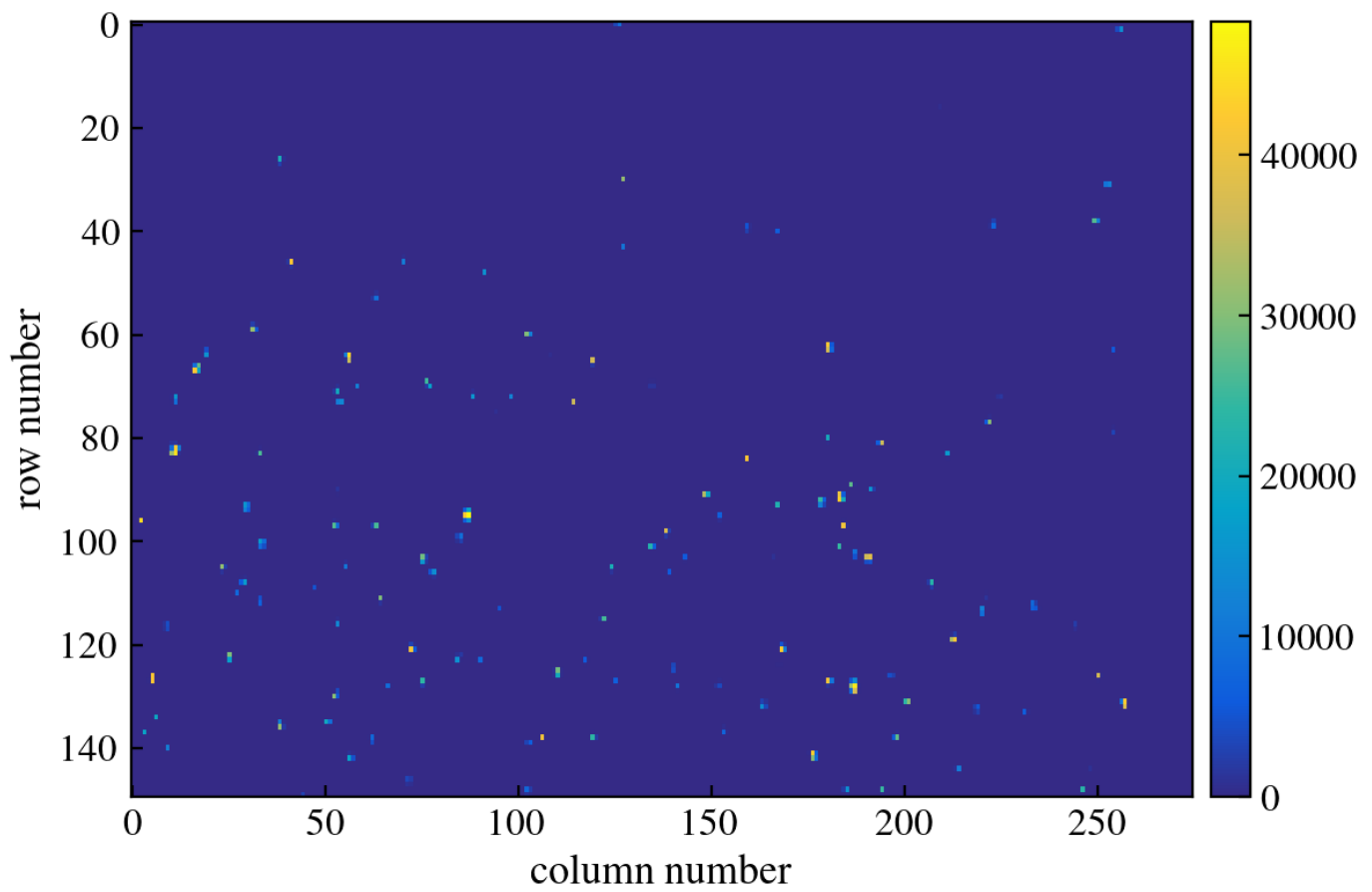


Figure 264: CCD Image

CCD Image: run 147, image 308  
[class MECCDImage]

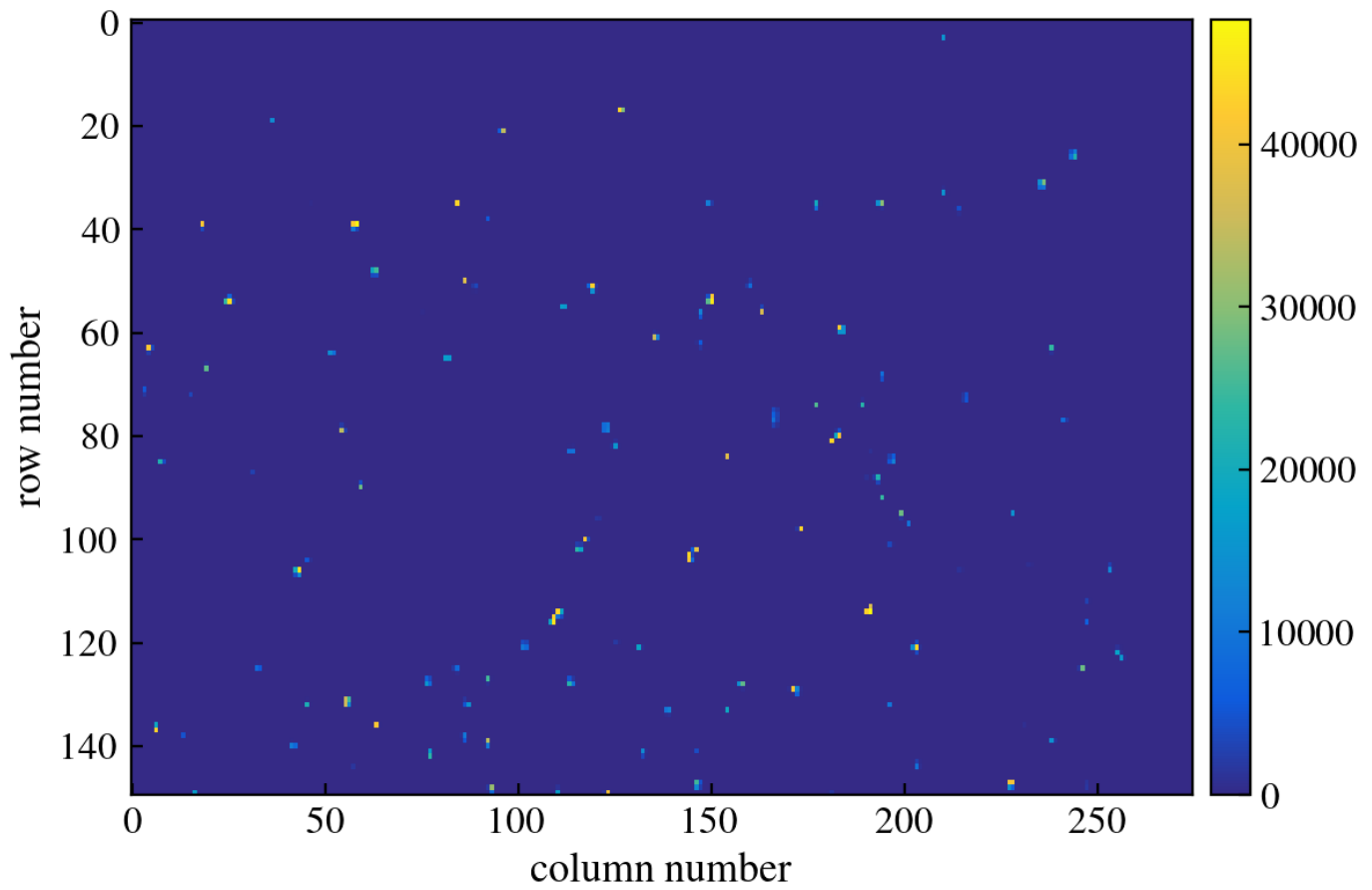


Figure 265: CCD Image

CCD Image: run 147, image 309  
[class MECCDImage]

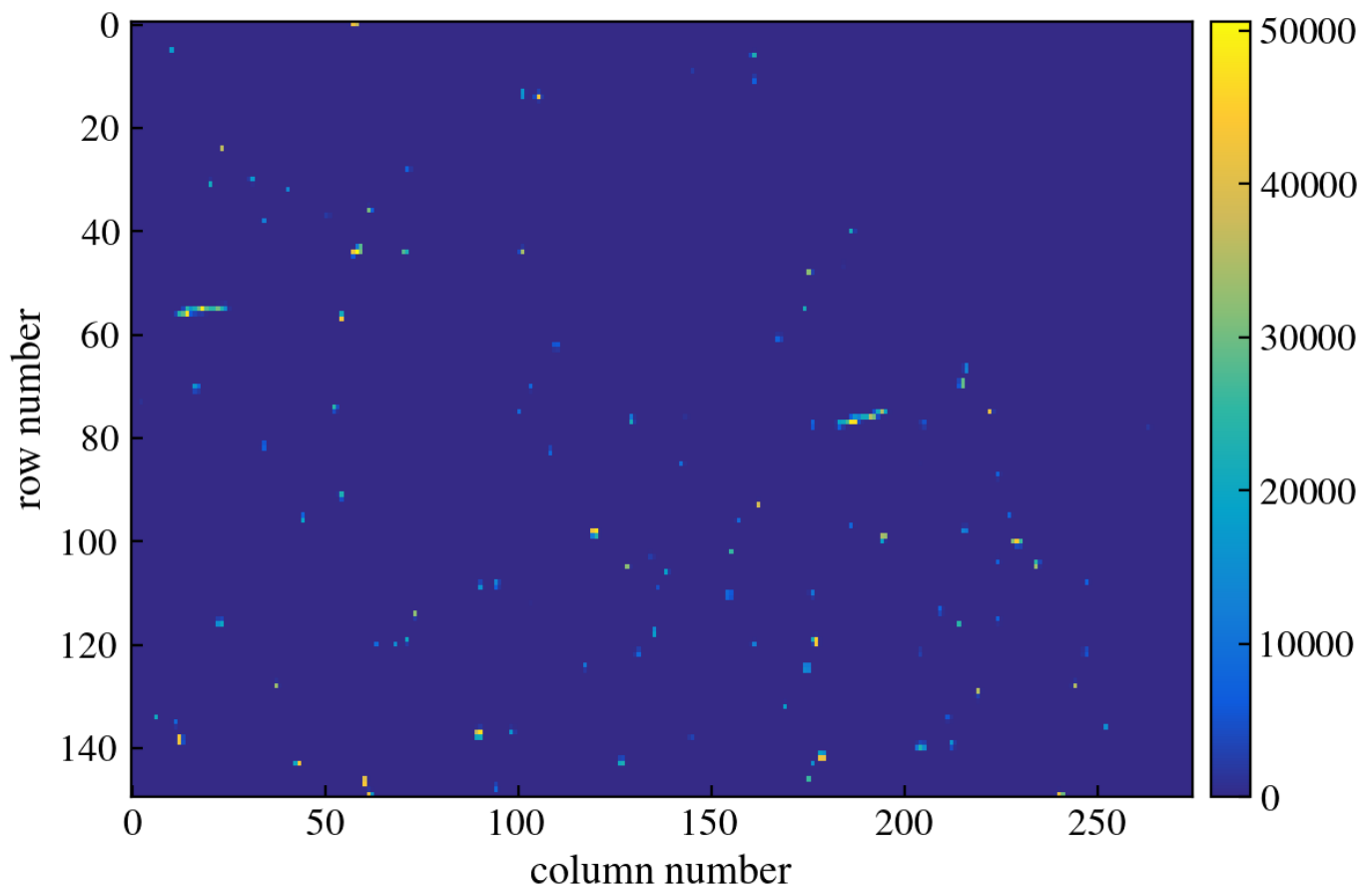


Figure 266: CCD Image

CCD Image: run 147, image 31  
[class MECCDImage]

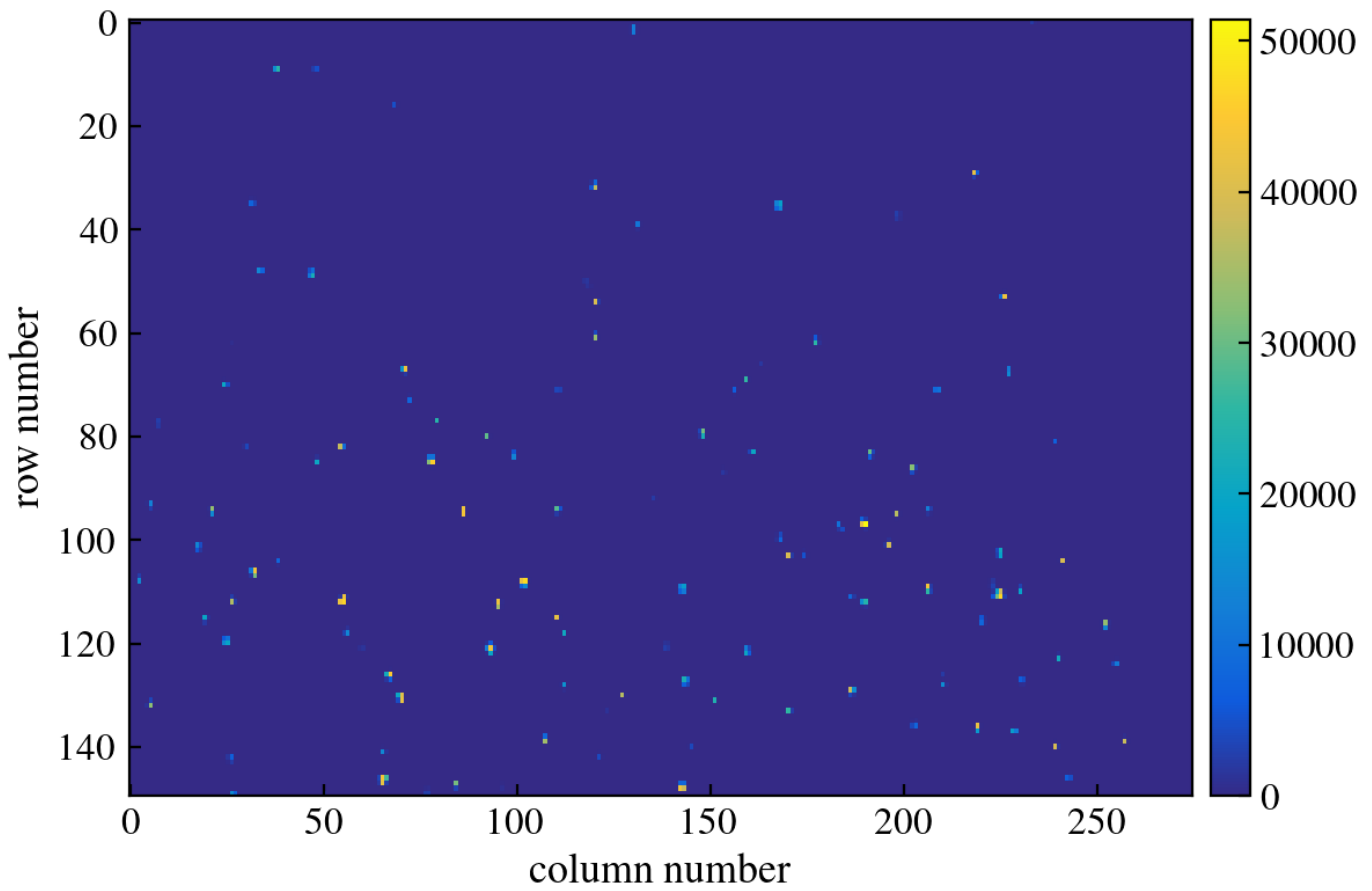


Figure 267: CCD Image



CCD Image: run 147, image 310  
[class MECCDImage]

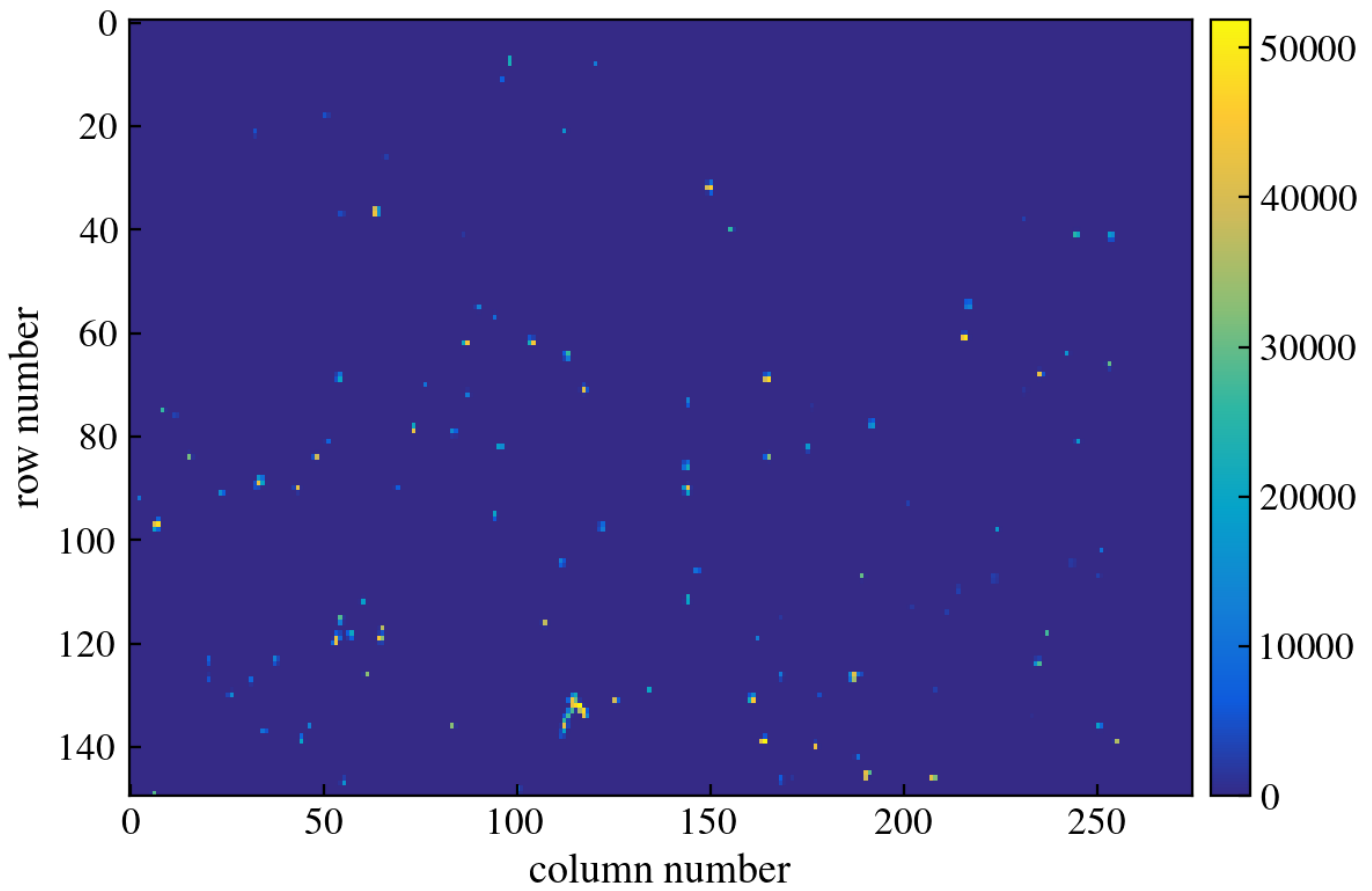


Figure 268: CCD Image

CCD Image: run 147, image 311  
[class MECCDImage]

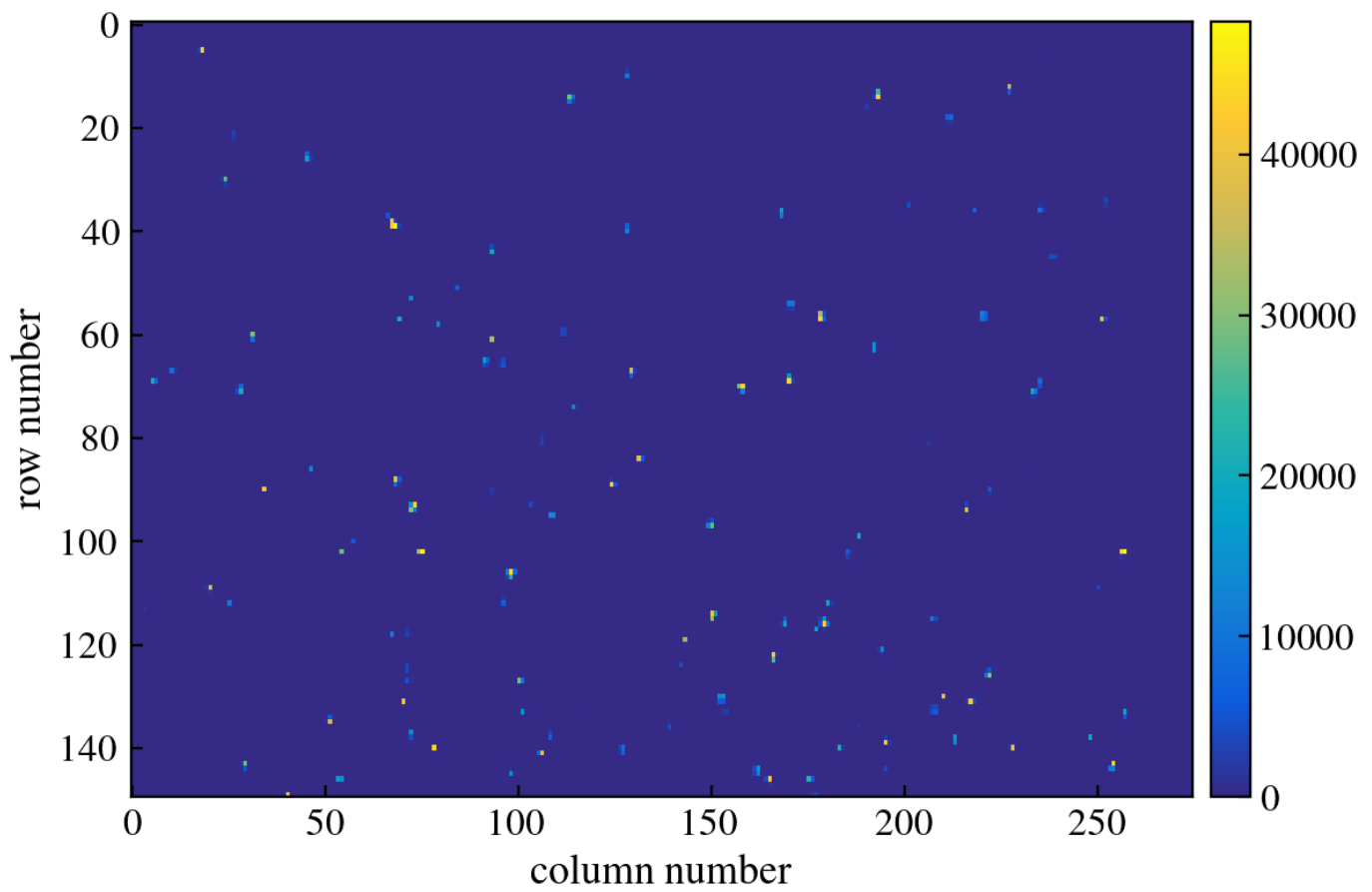


Figure 269: CCD Image

CCD Image: run 147, image 312  
[class MECCDImage]

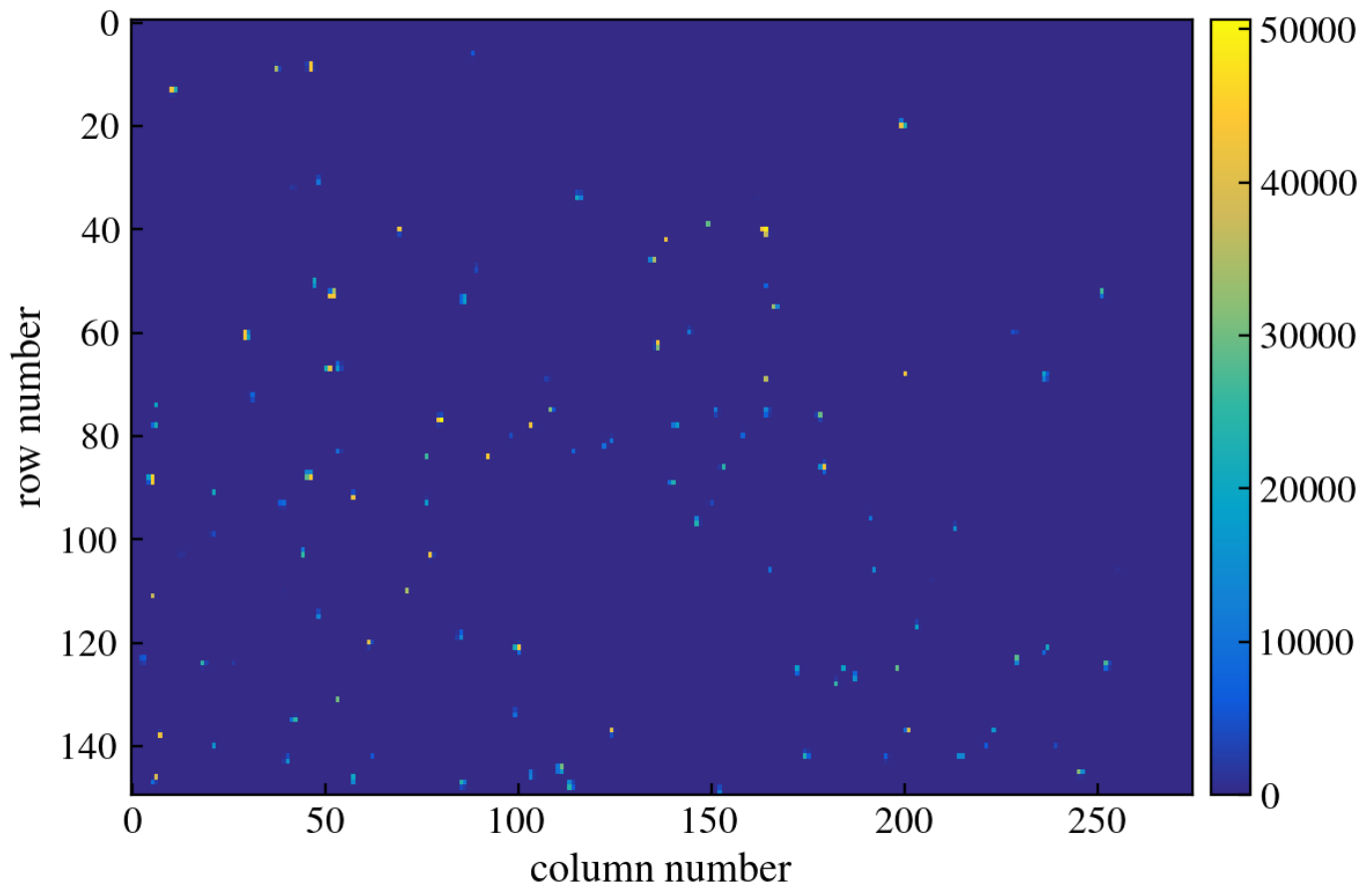


Figure 270: CCD Image

CCD Image: run 147, image 313  
[class MECCDImage]

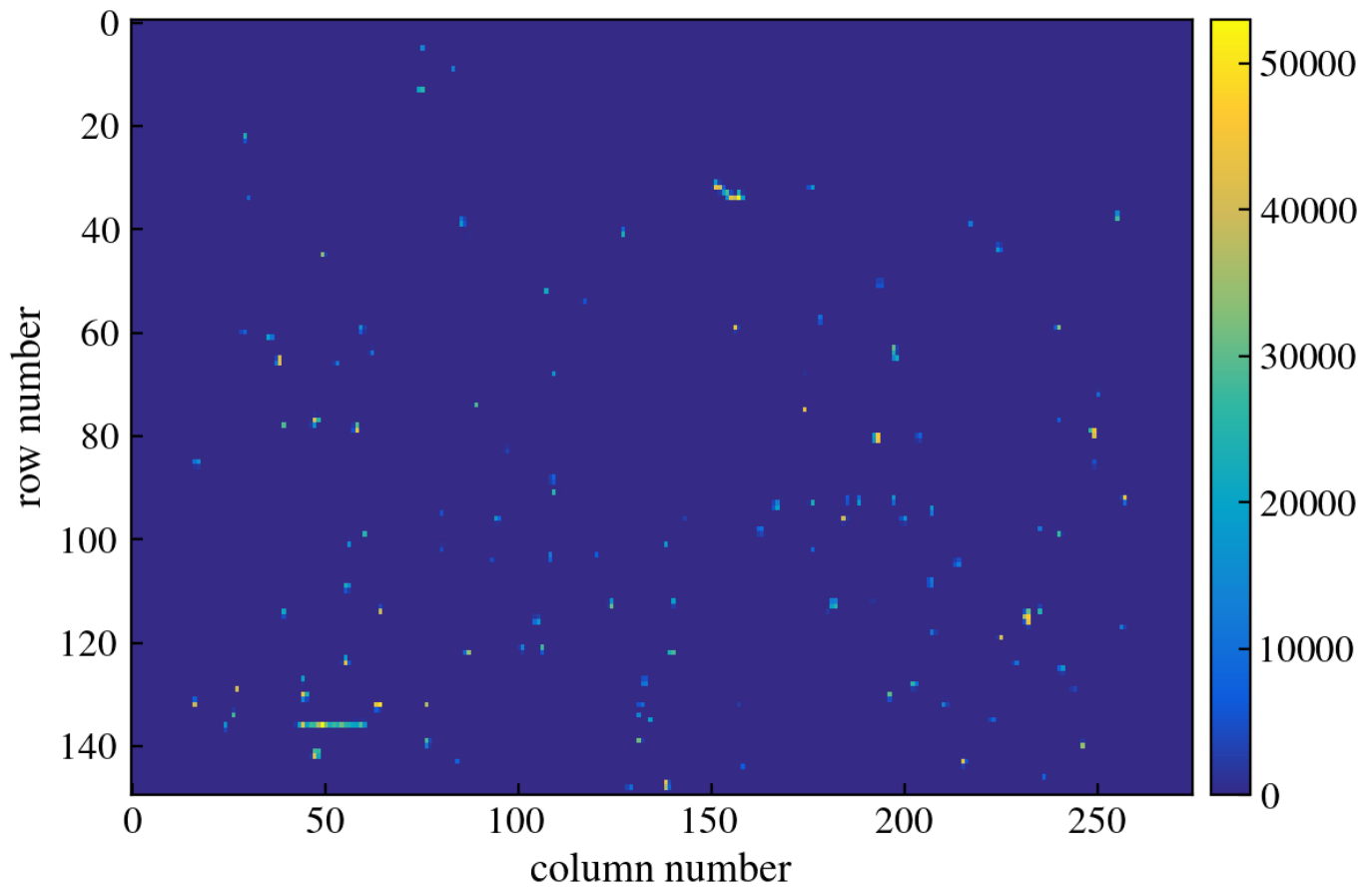


Figure 271: CCD Image

CCD Image: run 147, image 314  
[class MECCDImage]

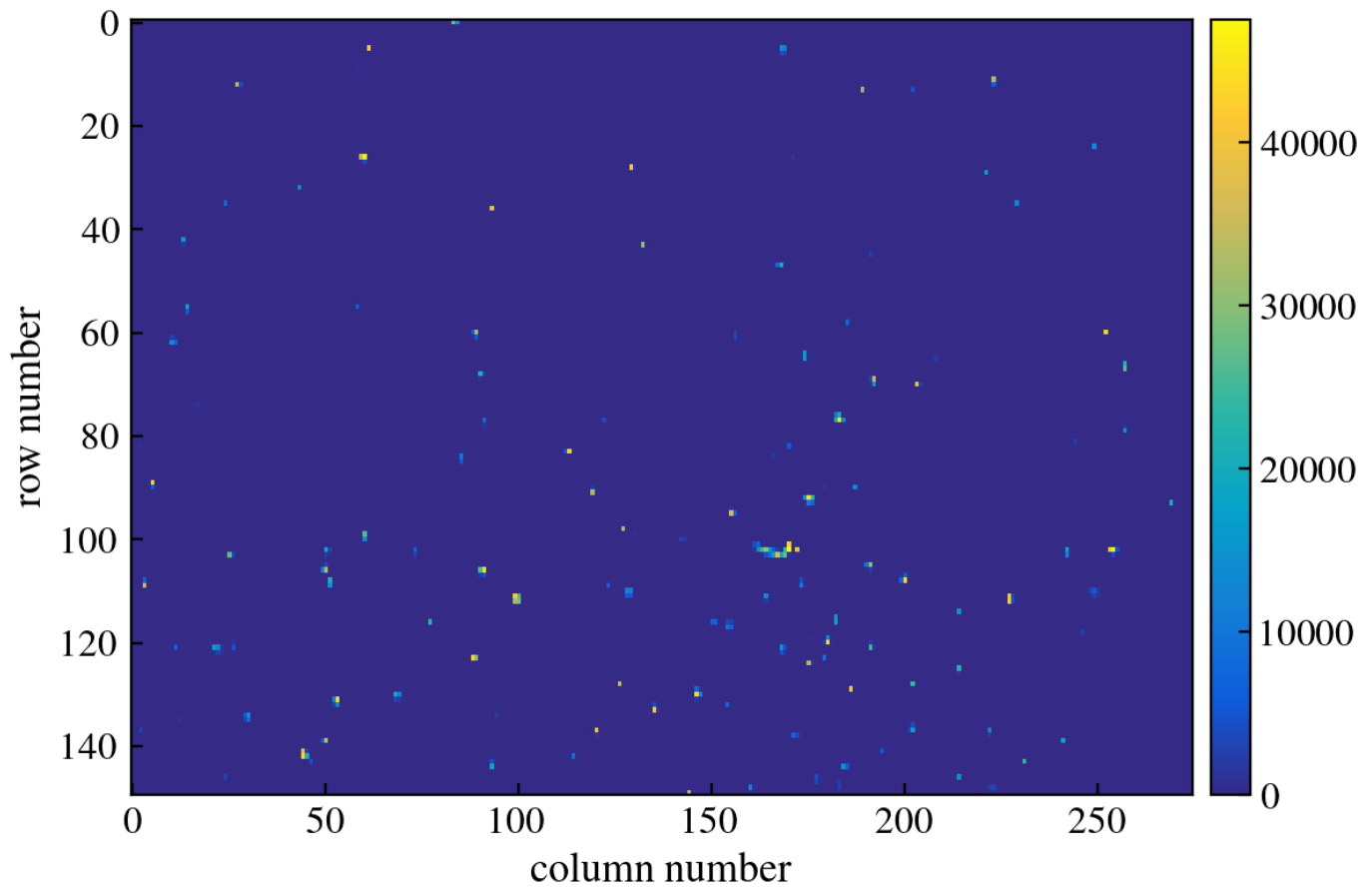


Figure 272: CCD Image

CCD Image: run 147, image 315  
[class MECCDImage]

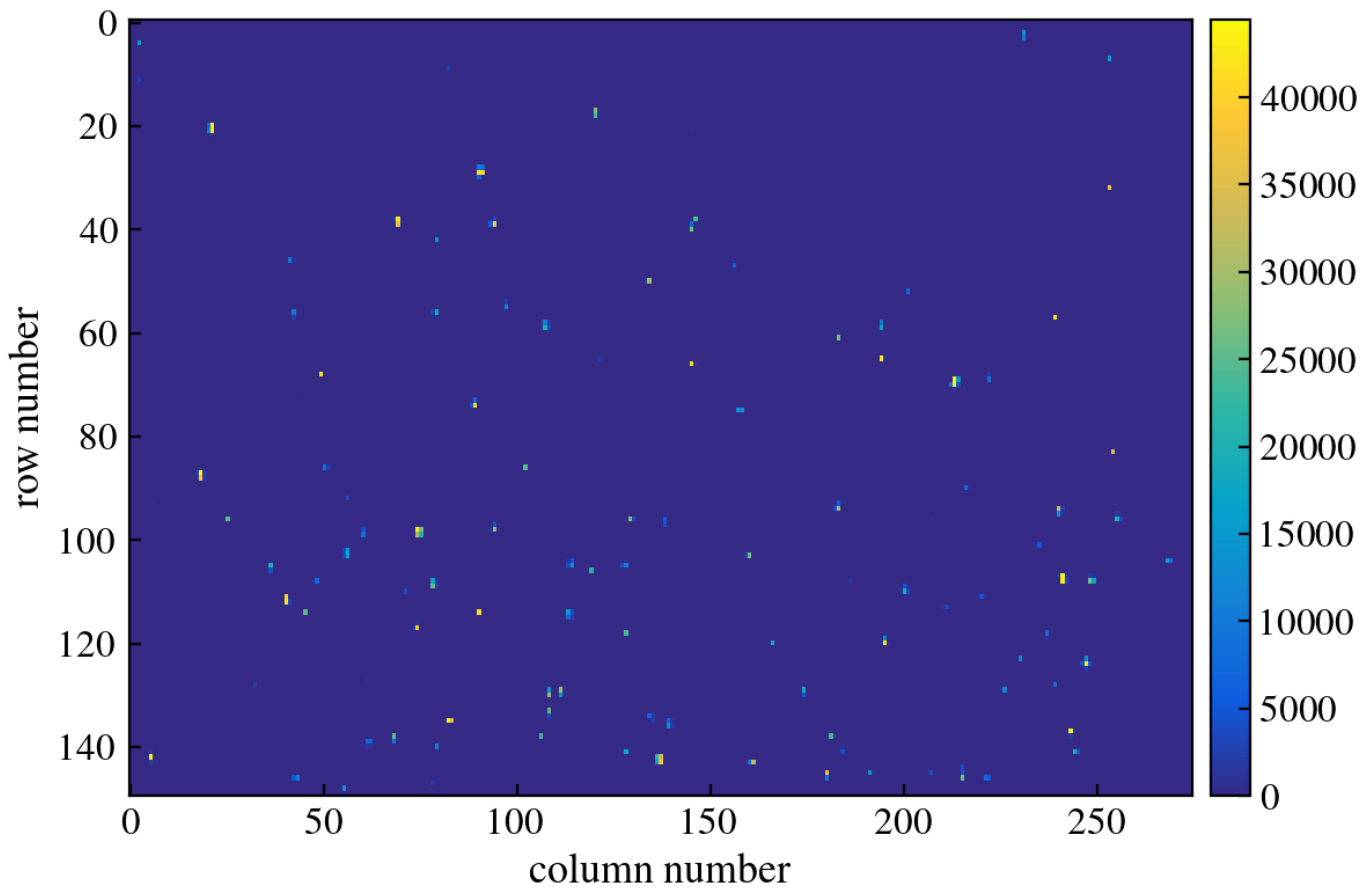


Figure 273: CCD Image

CCD Image: run 147, image 316  
[class MECCDImage]

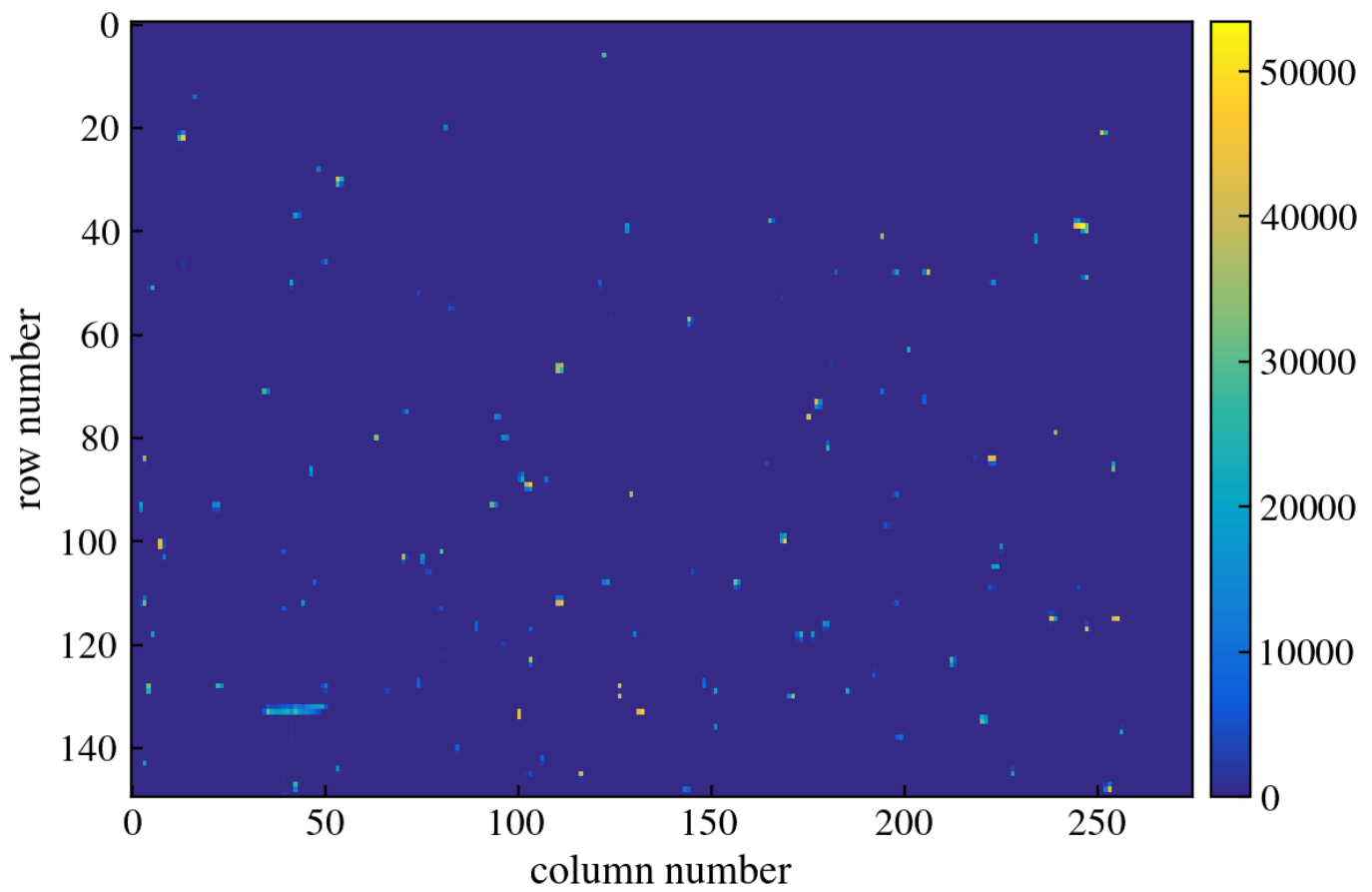


Figure 274: CCD Image

CCD Image: run 147, image 317  
[class MECCDImage]

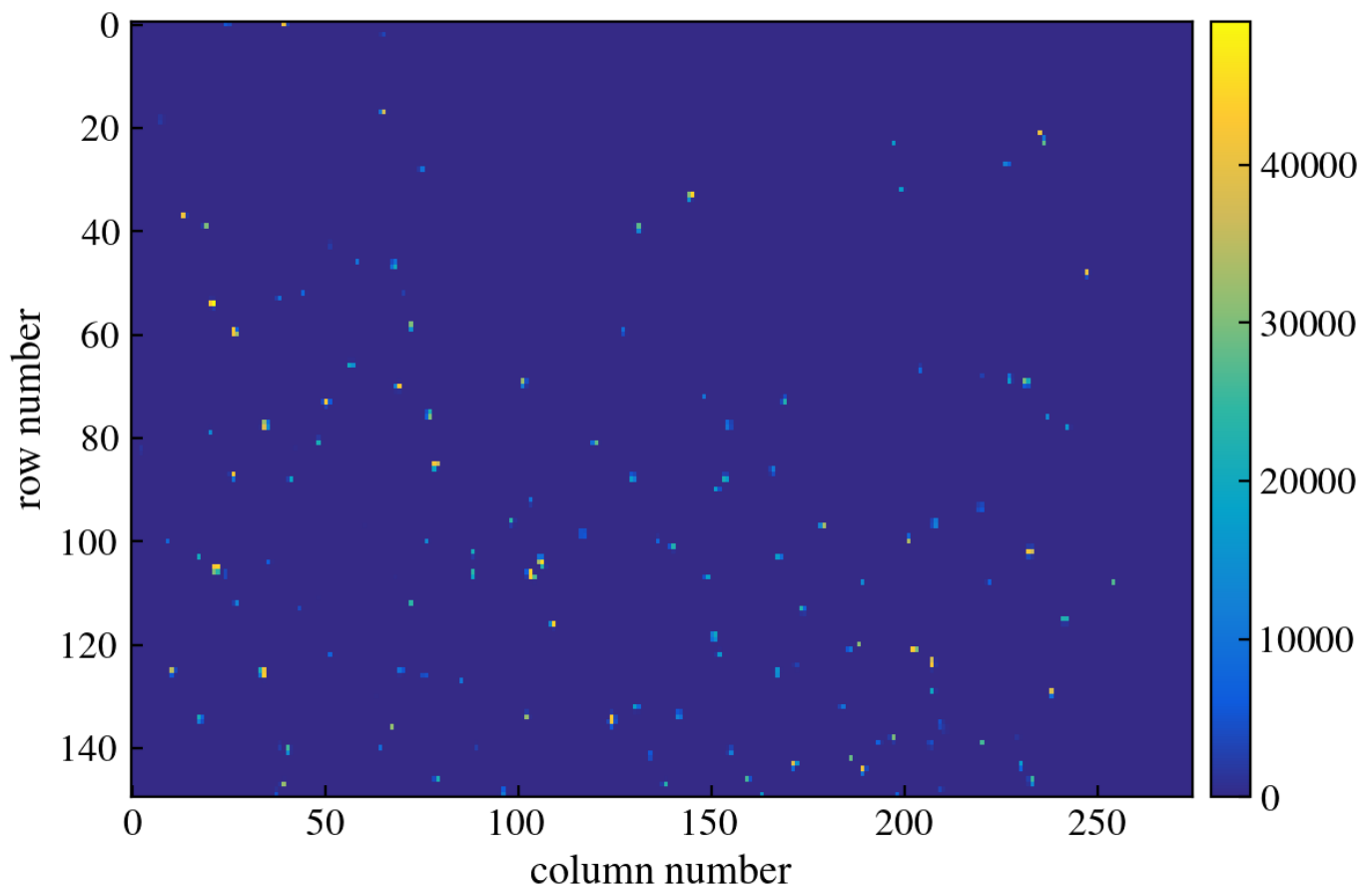


Figure 275: CCD Image



CCD Image: run 147, image 318  
[class MECCDImage]

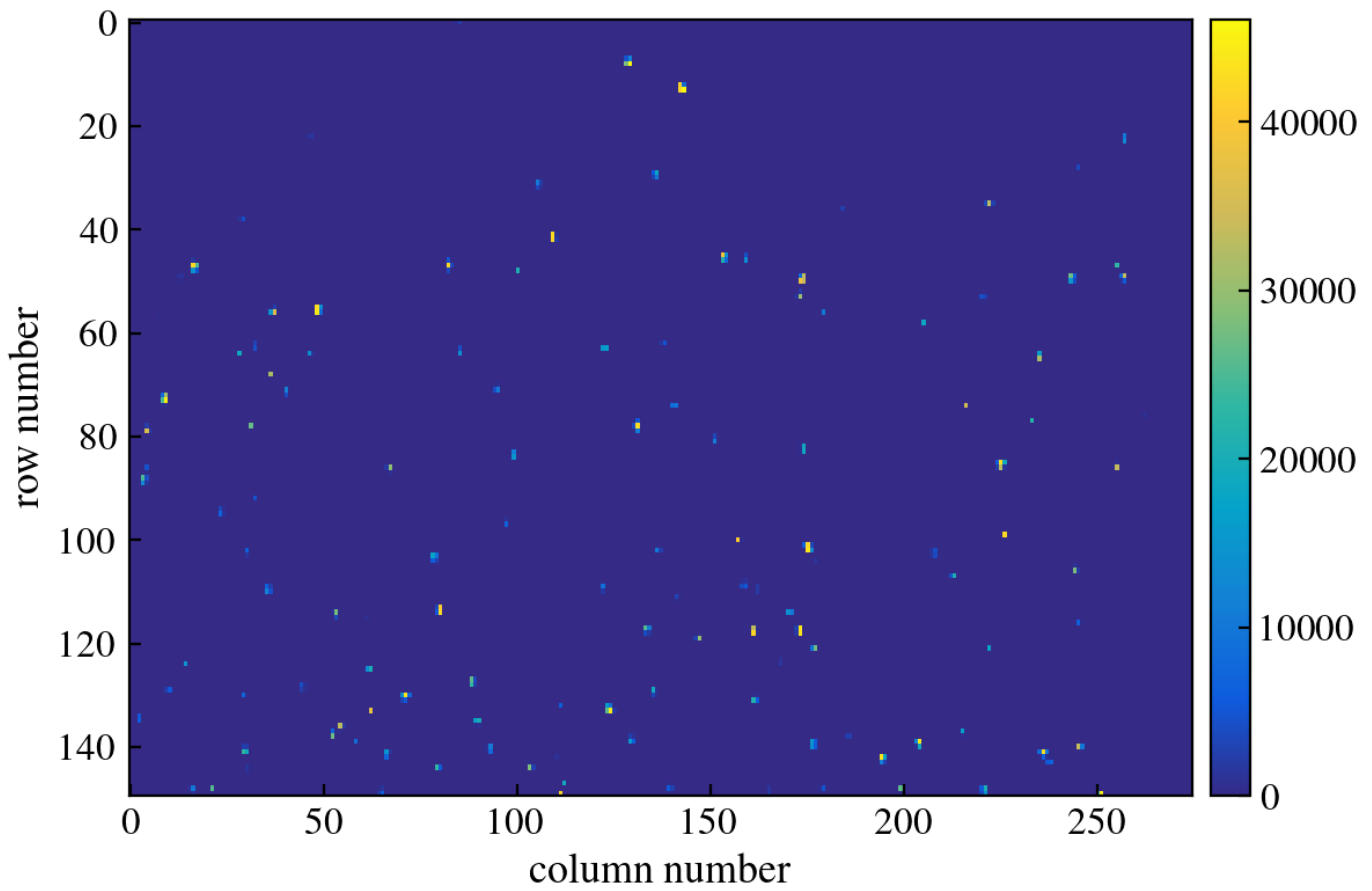


Figure 276: CCD Image

CCD Image: run 147, image 319  
[class MECCDImage]

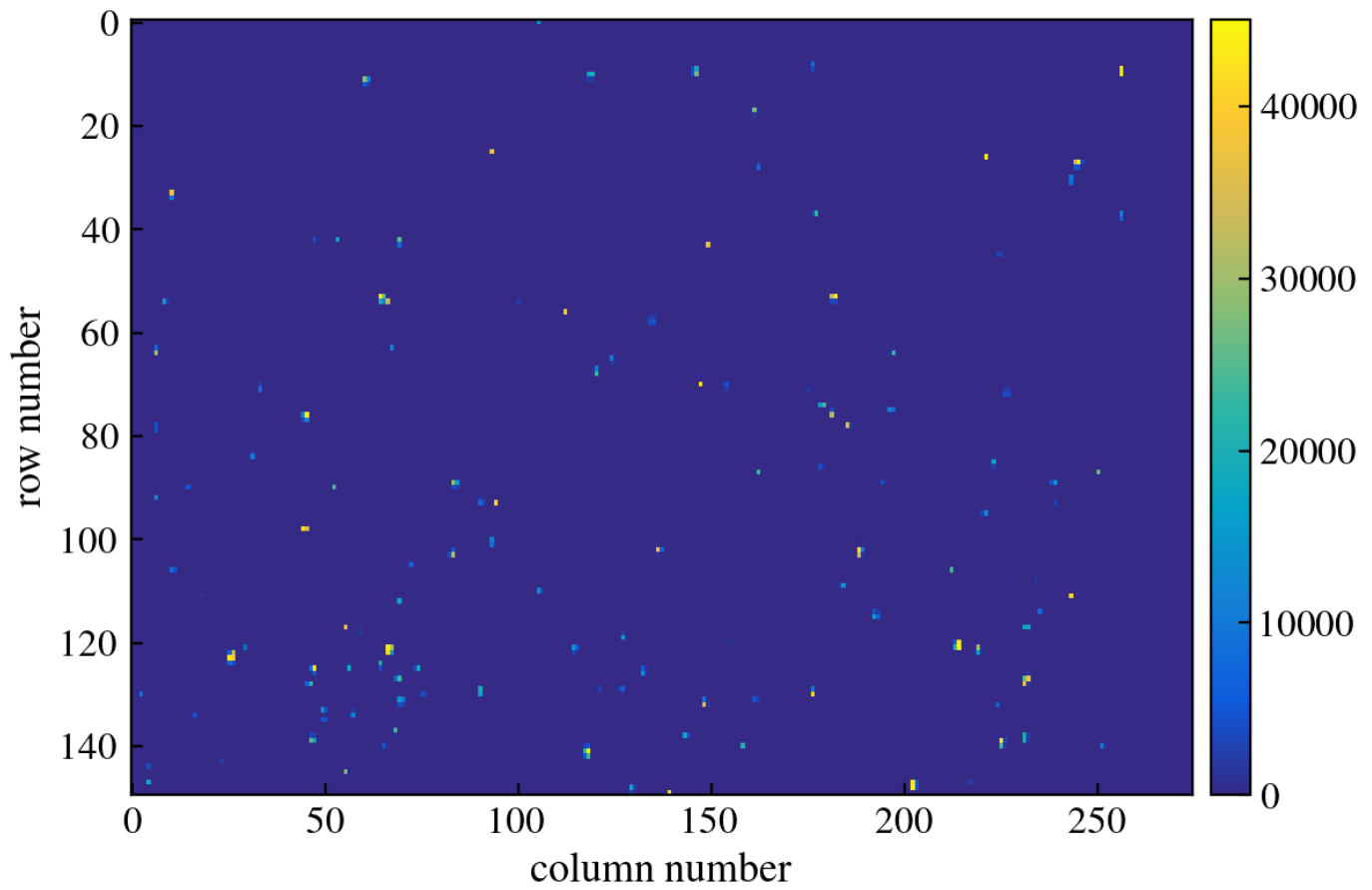


Figure 277: CCD Image

CCD Image: run 147, image 32  
[class MECCDImage]

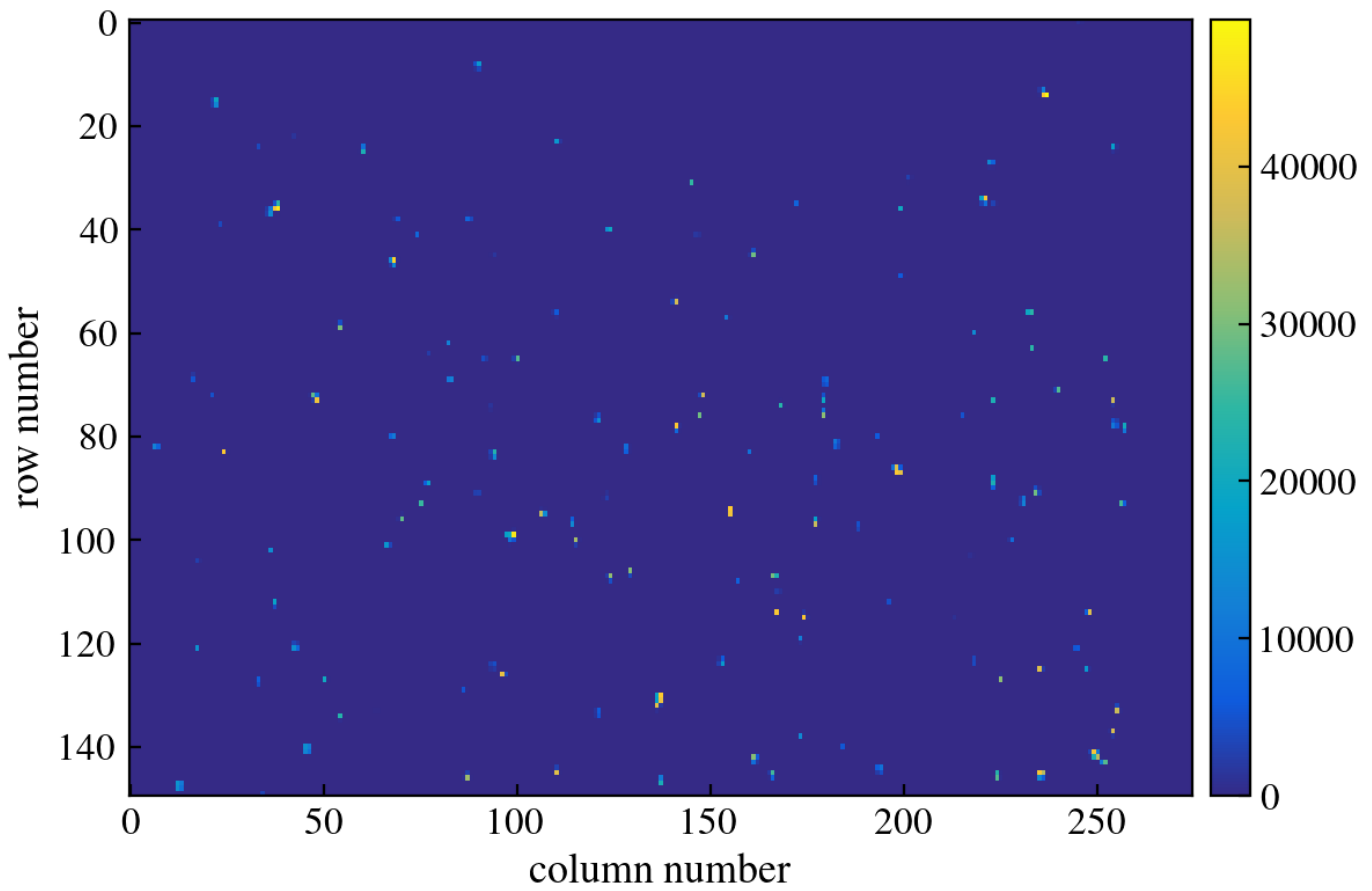


Figure 278: CCD Image

CCD Image: run 147, image 320  
[class MECCDImage]

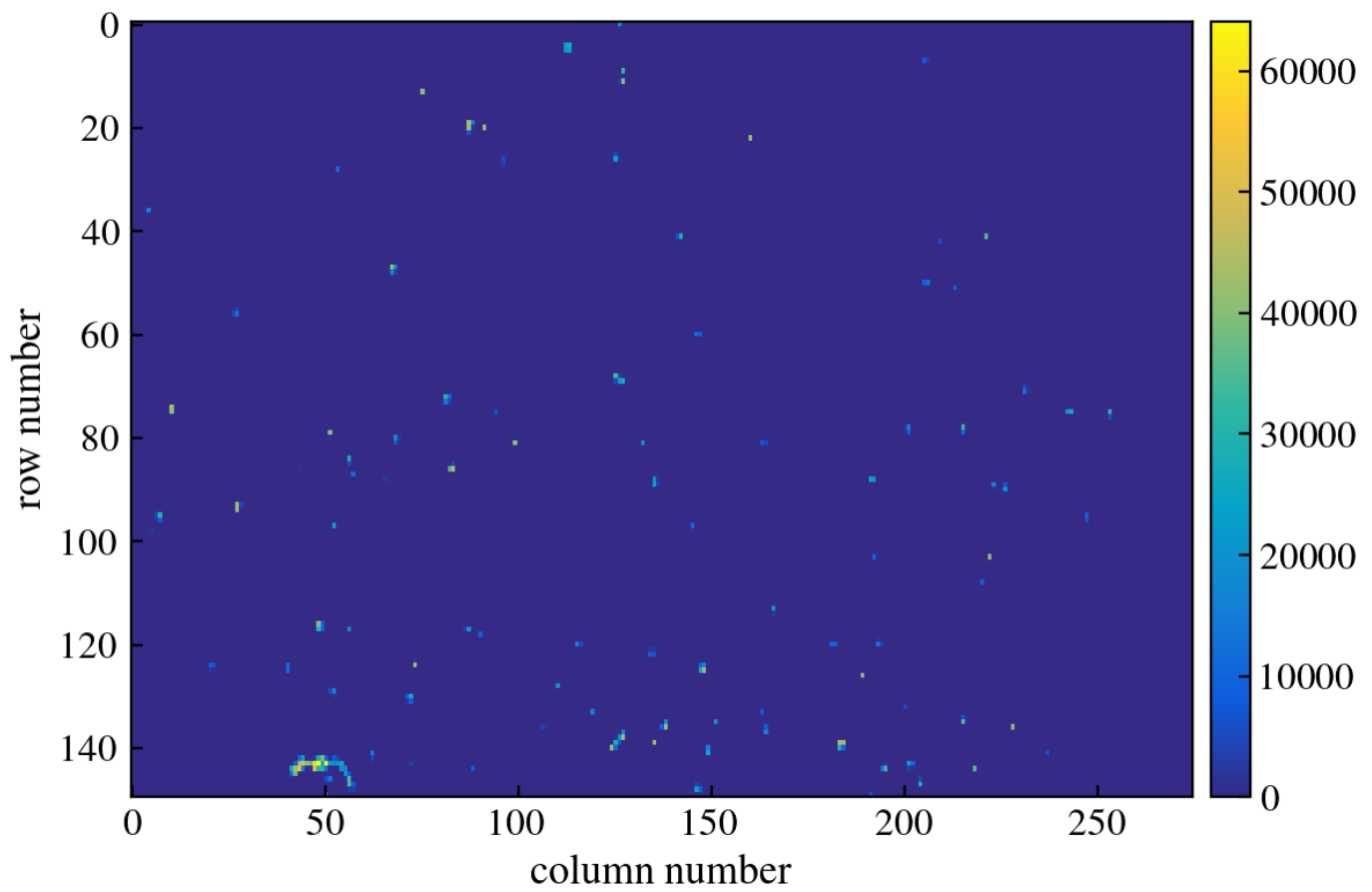


Figure 279: CCD Image

CCD Image: run 147, image 321  
[class MECCDImage]

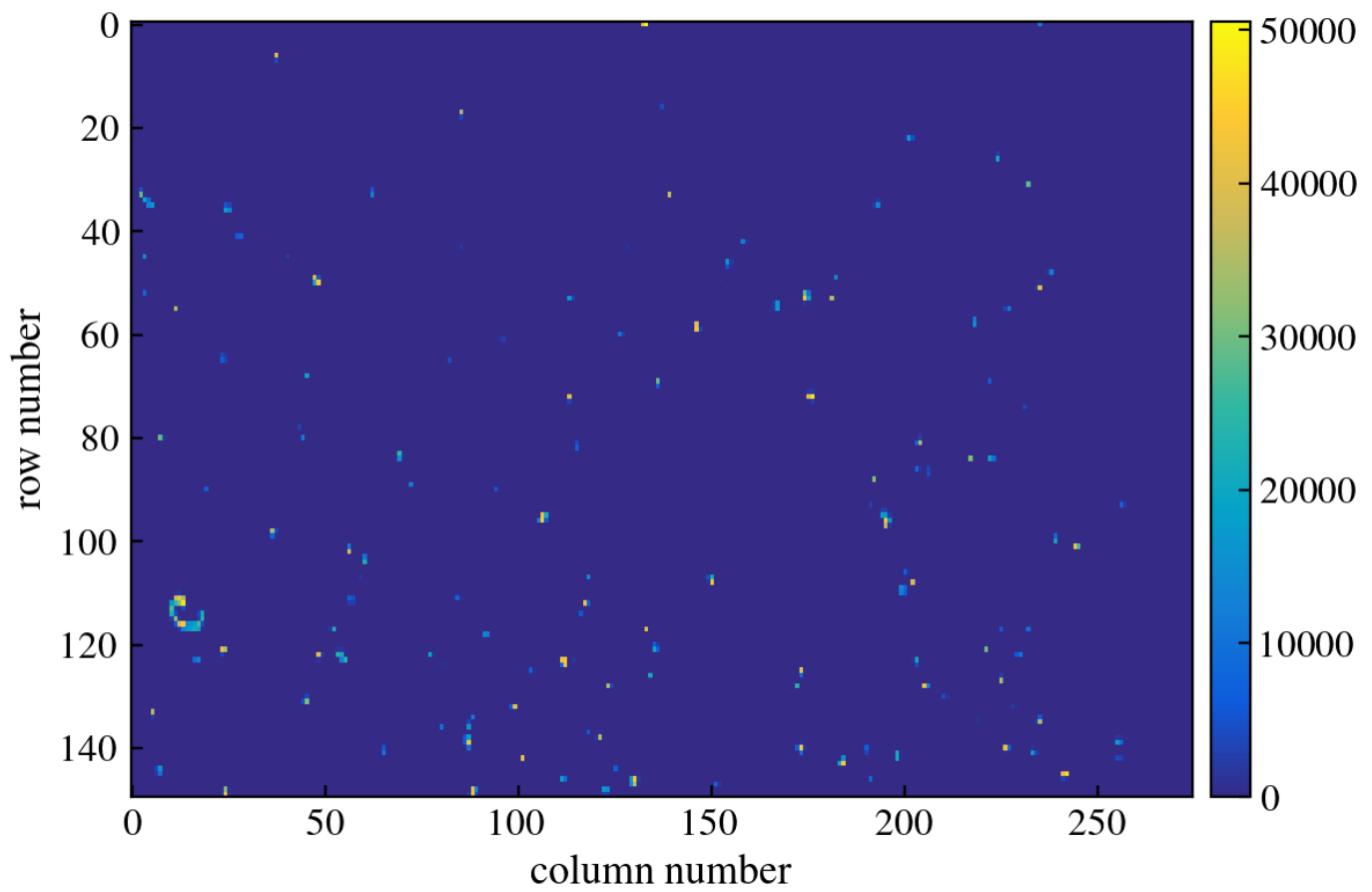


Figure 280: CCD Image

CCD Image: run 147, image 322  
[class MECCDImage]

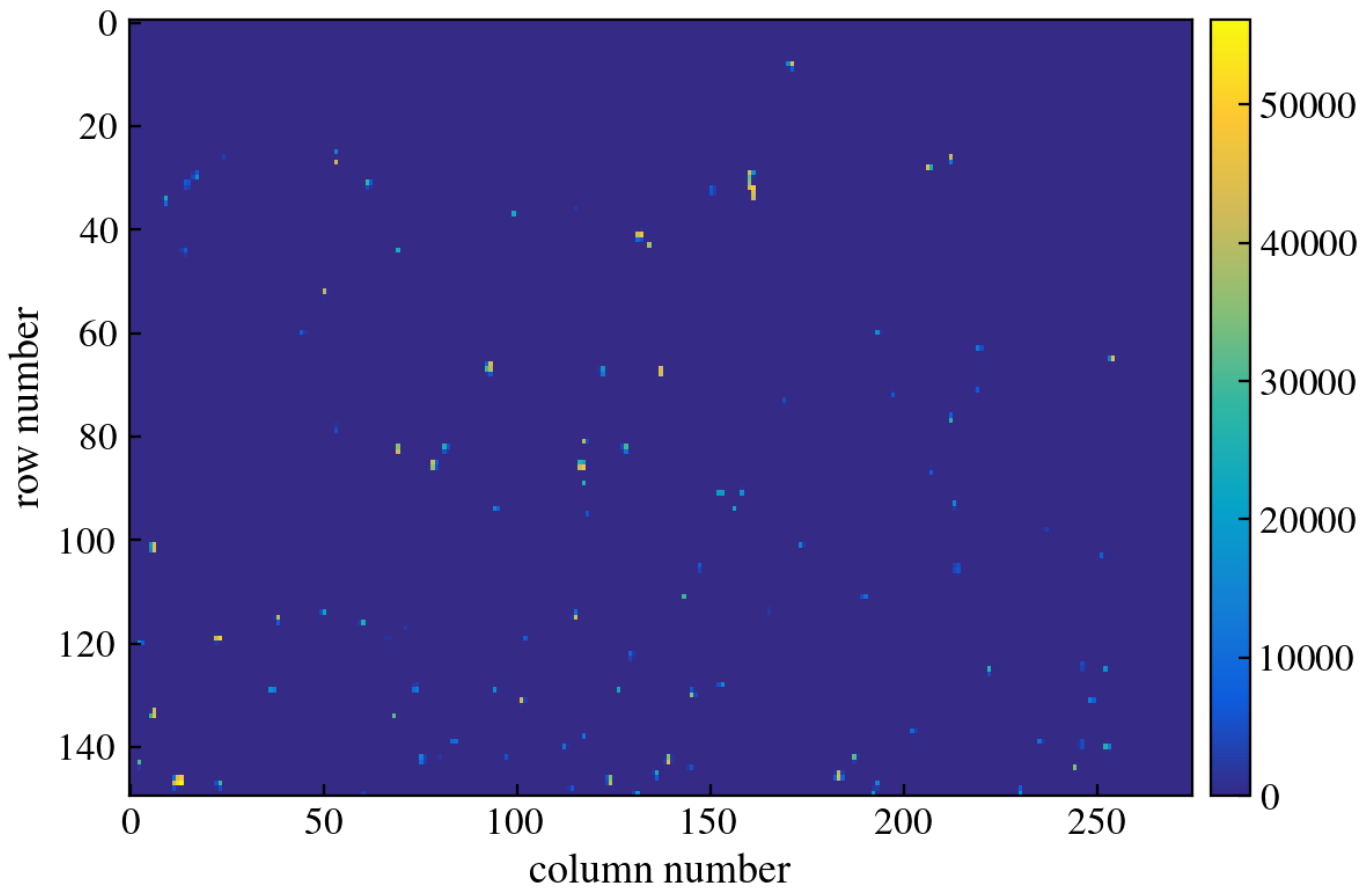


Figure 281: CCD Image

CCD Image: run 147, image 323  
[class MECCDImage]

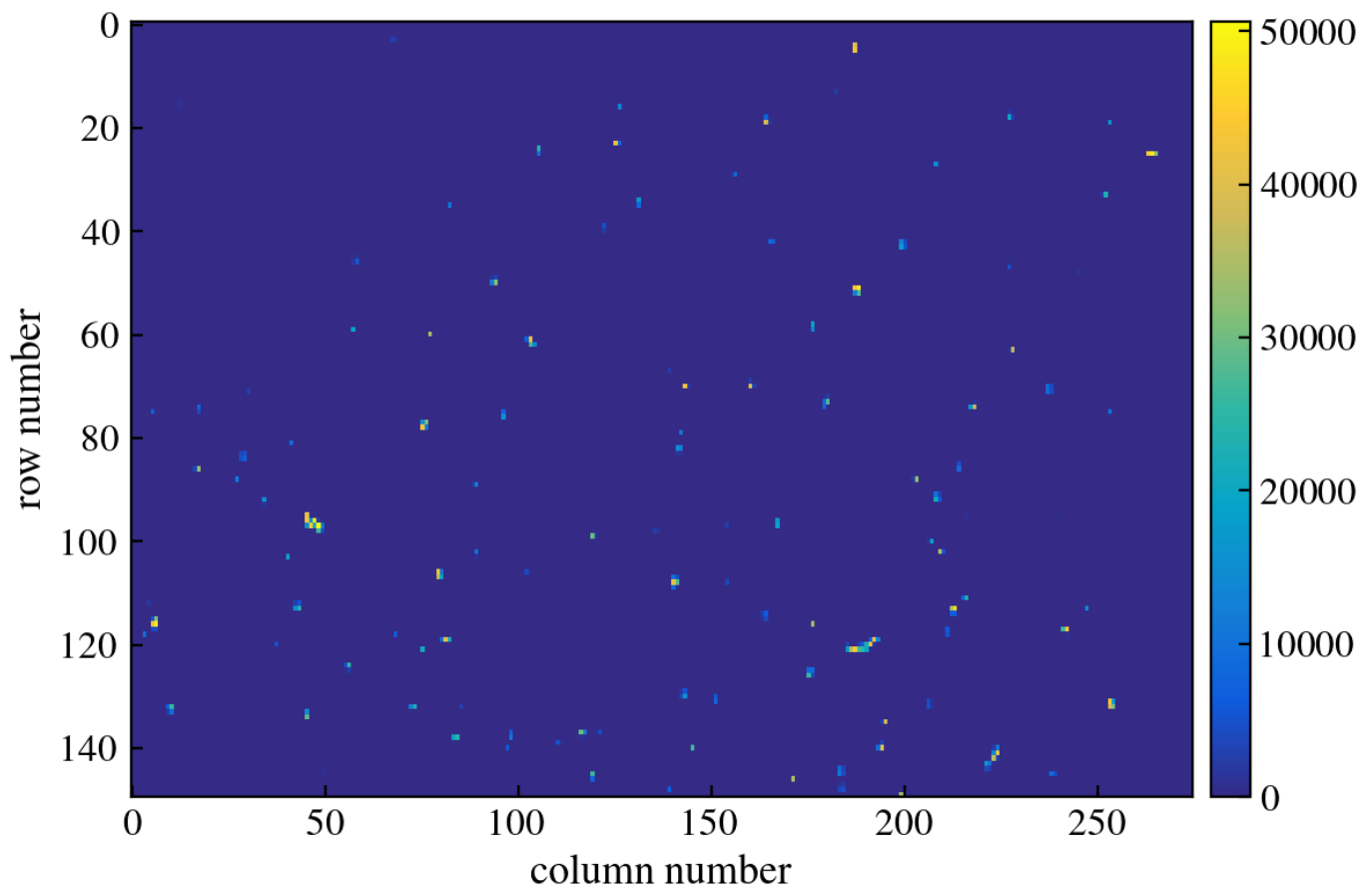


Figure 282: CCD Image

CCD Image: run 147, image 324  
[class MECCDImage]

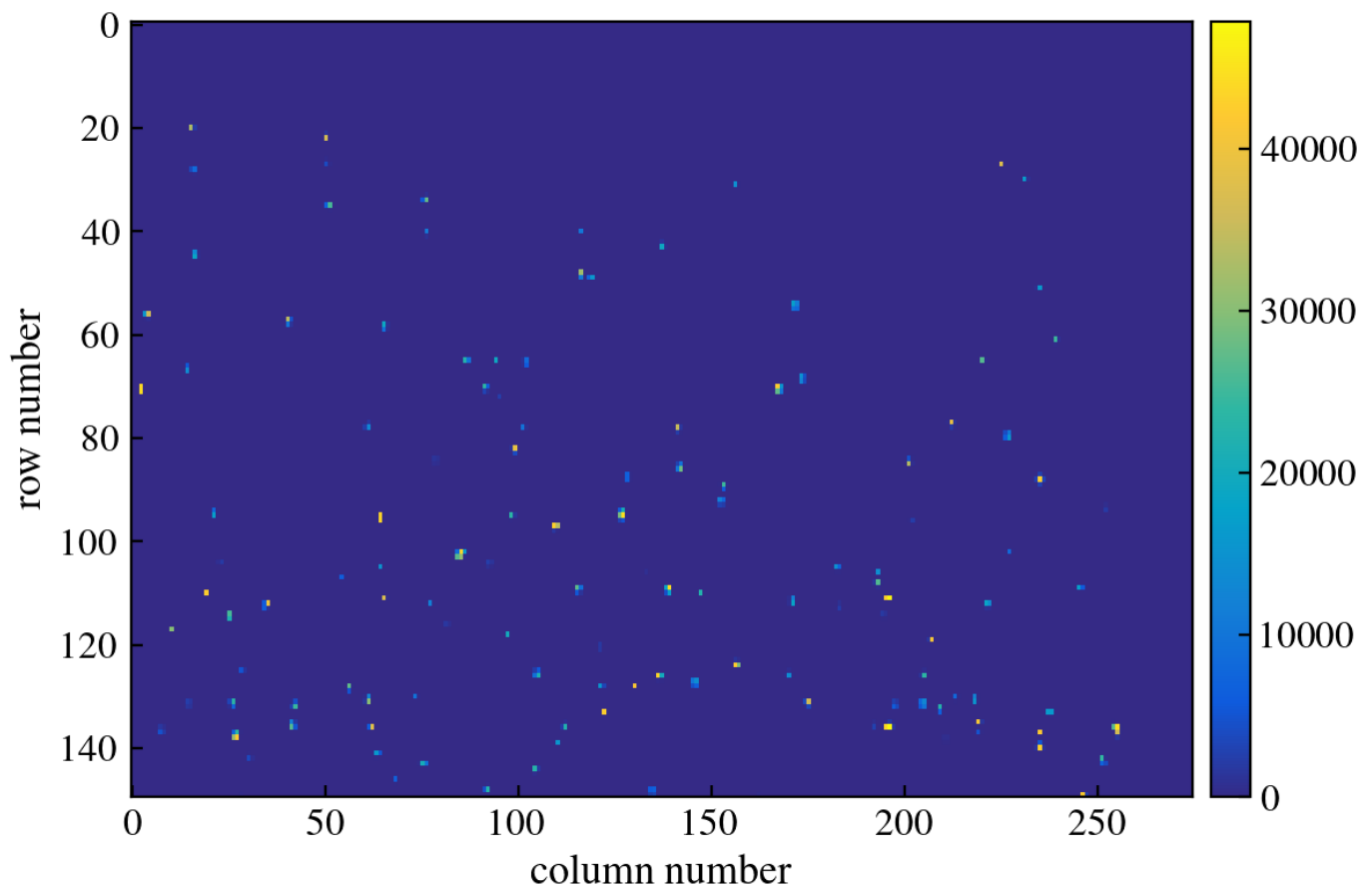


Figure 283: CCD Image



CCD Image: run 147, image 325  
[class MECCDImage]

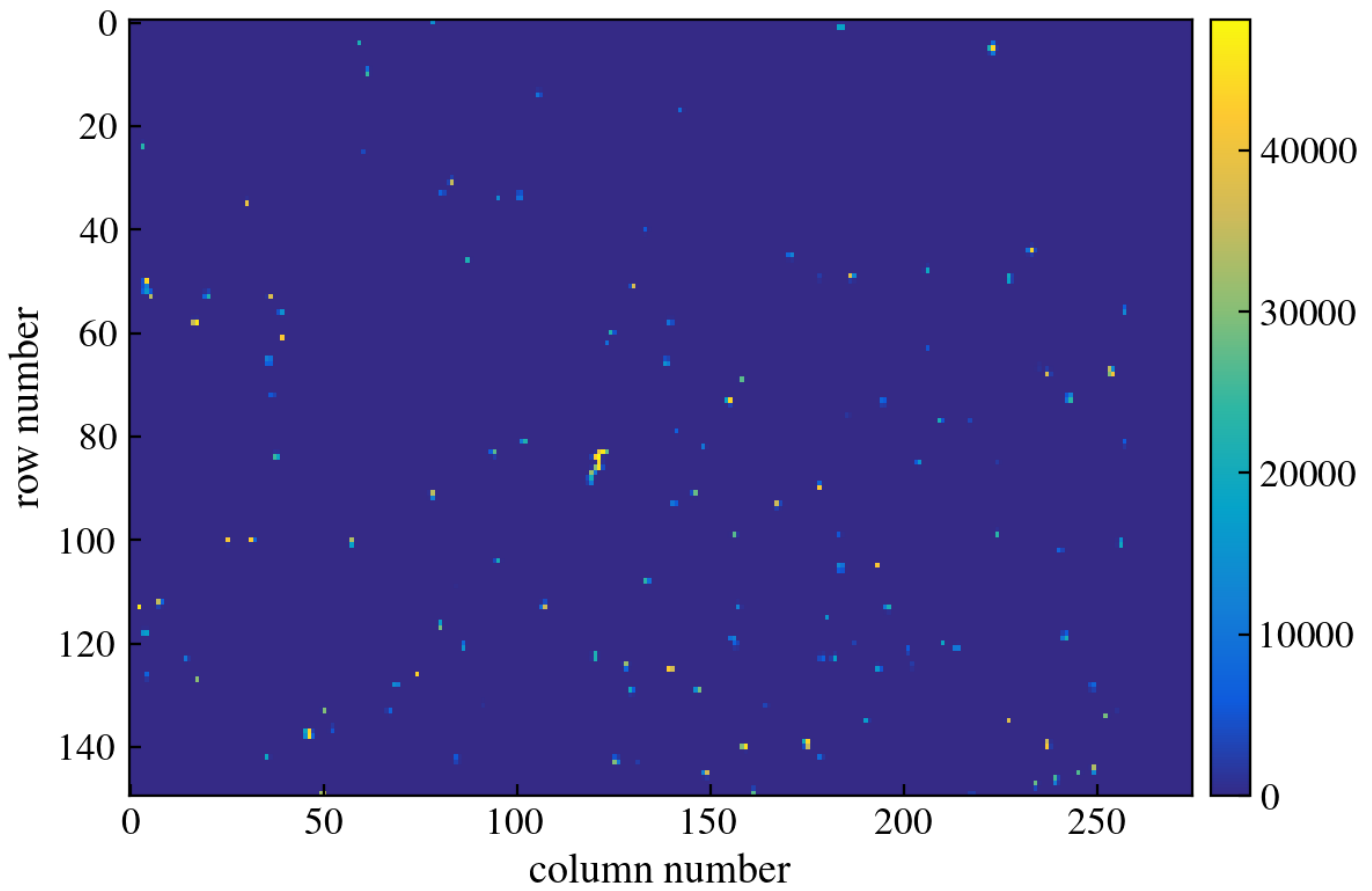


Figure 284: CCD Image

CCD Image: run 147, image 326  
[class MECCDImage]

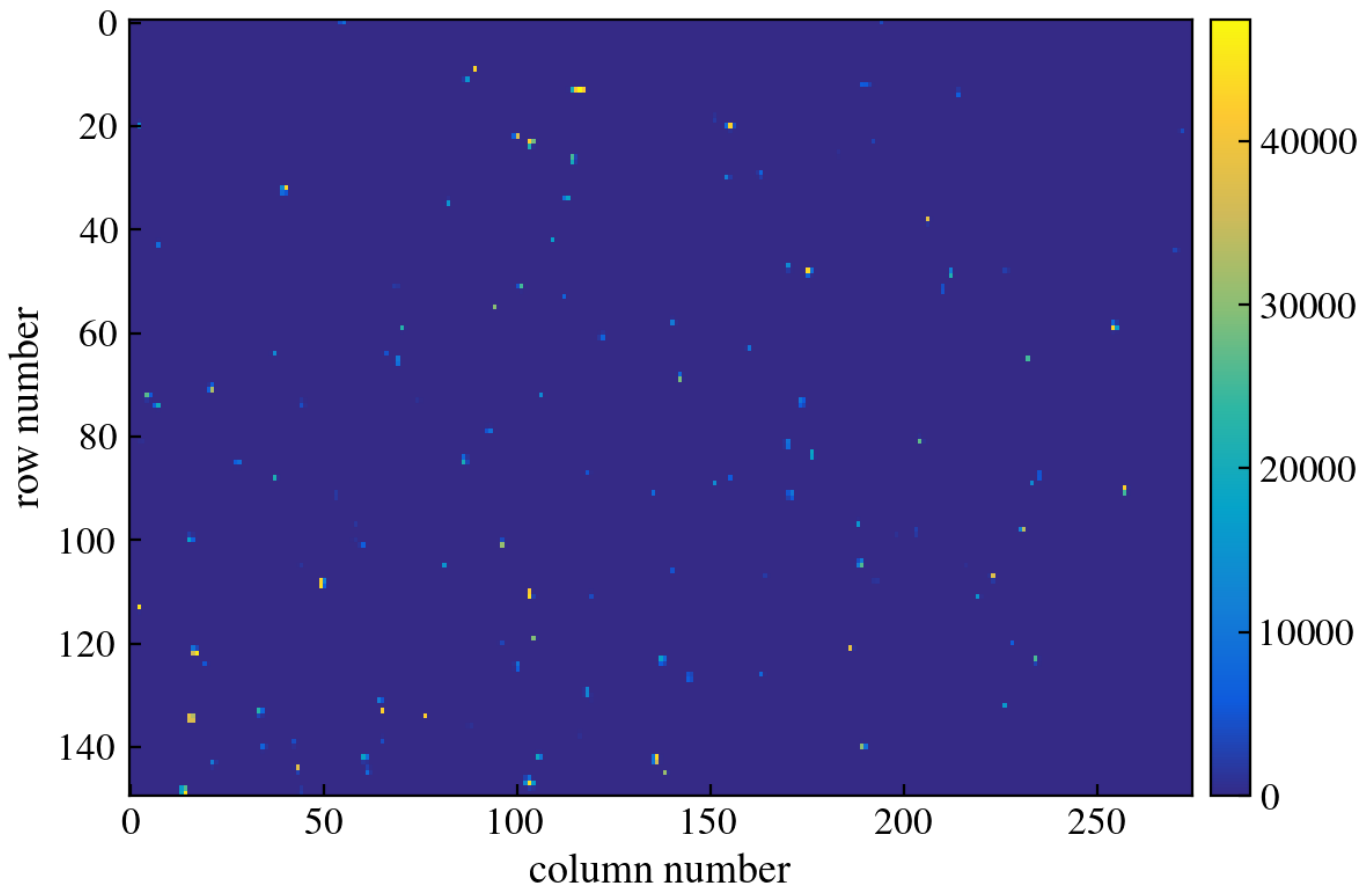


Figure 285: CCD Image

CCD Image: run 147, image 327  
[class MECCDImage]

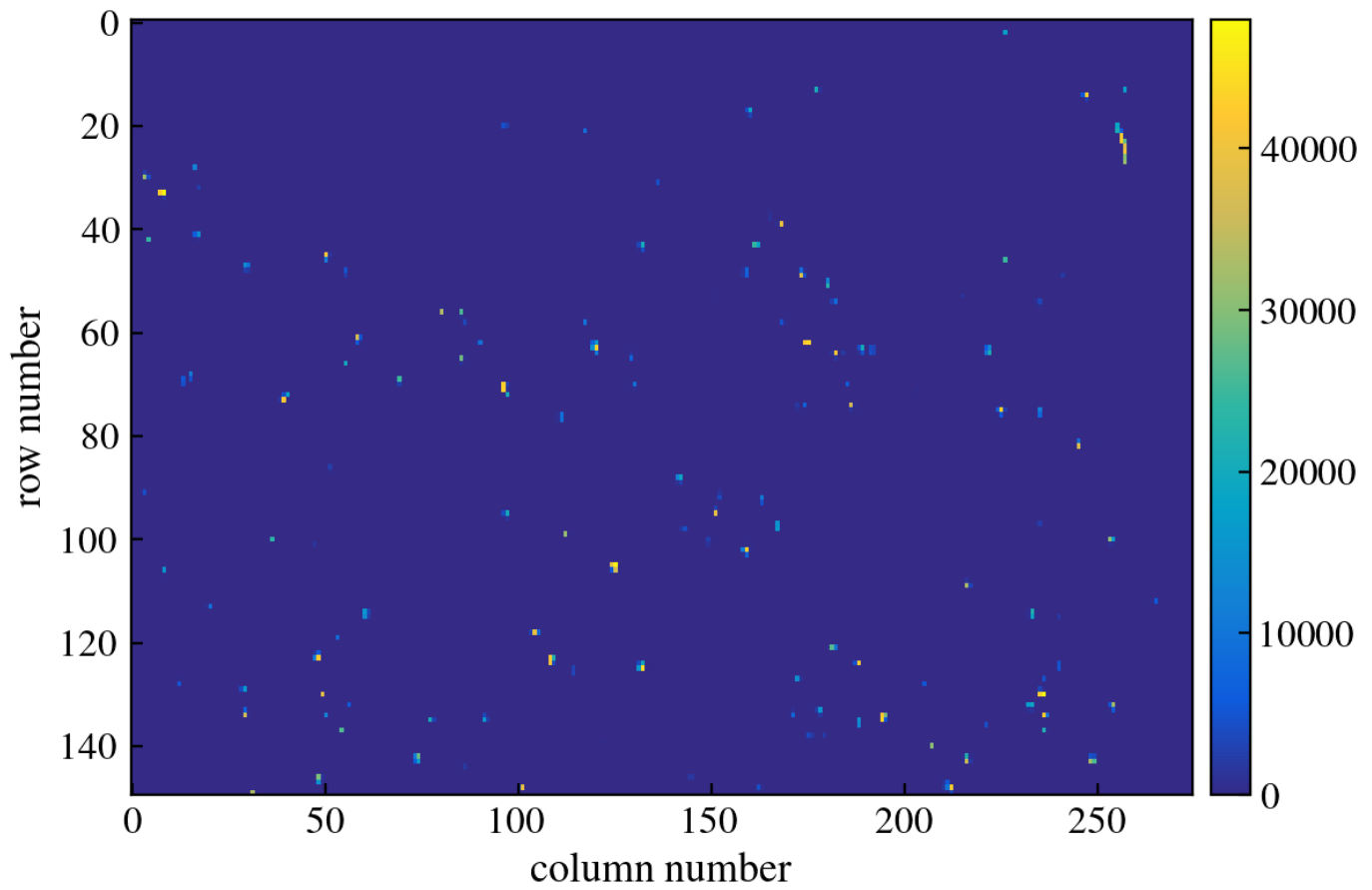


Figure 286: CCD Image

CCD Image: run 147, image 328  
[class MECCDImage]

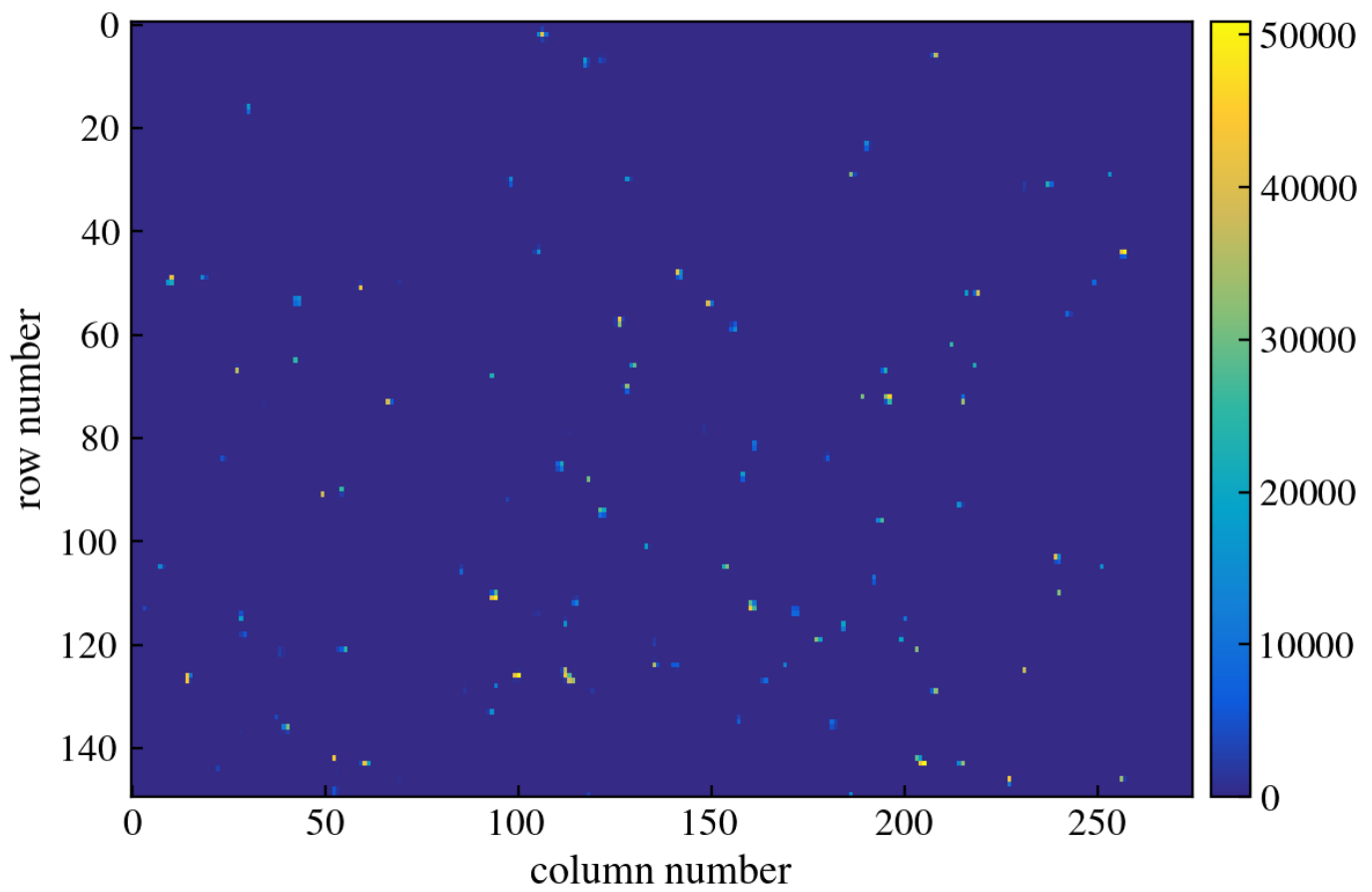


Figure 287: CCD Image

CCD Image: run 147, image 329  
[class MECCDImage]

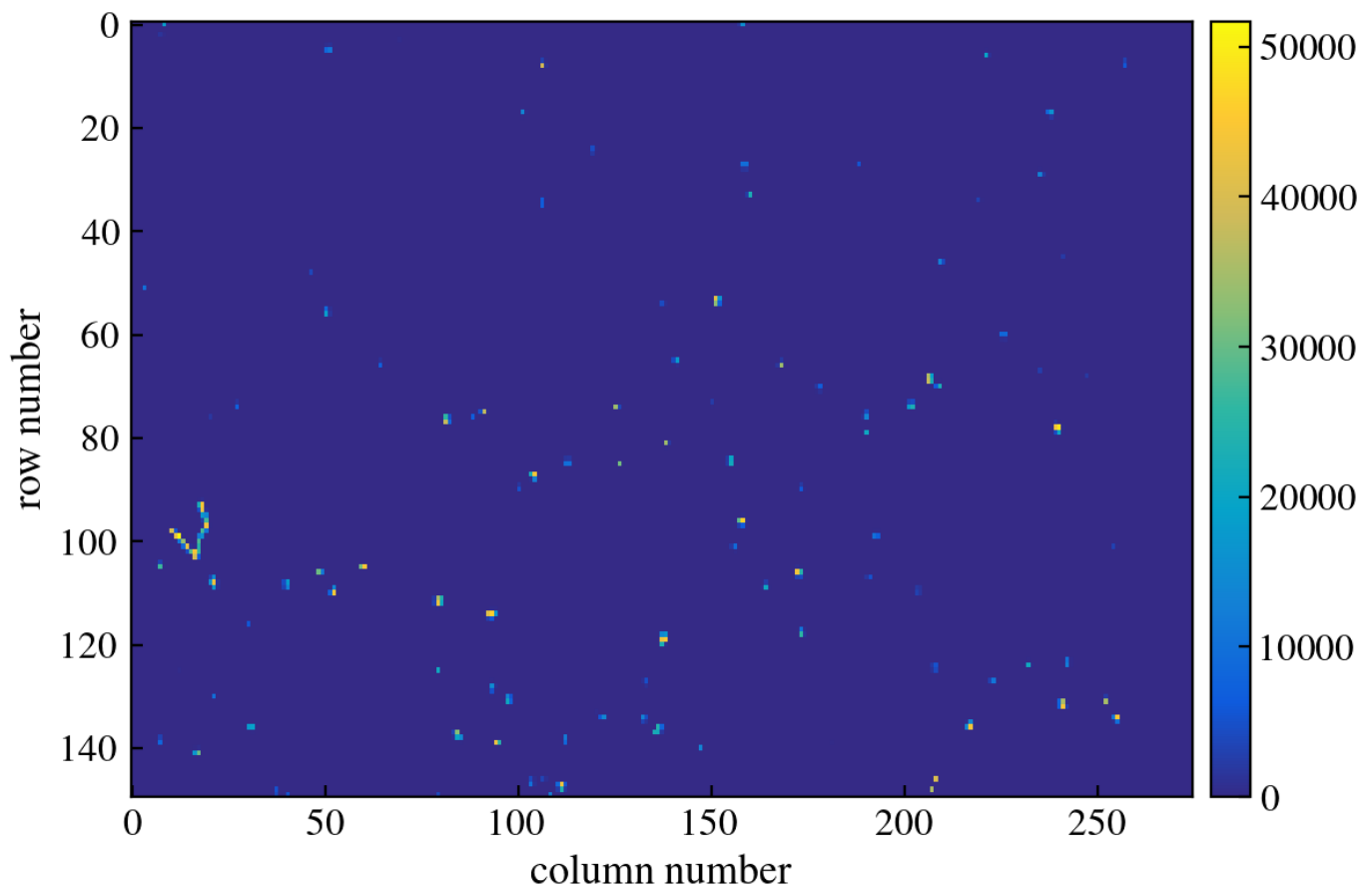


Figure 288: CCD Image

CCD Image: run 147, image 33  
[class MECCDImage]

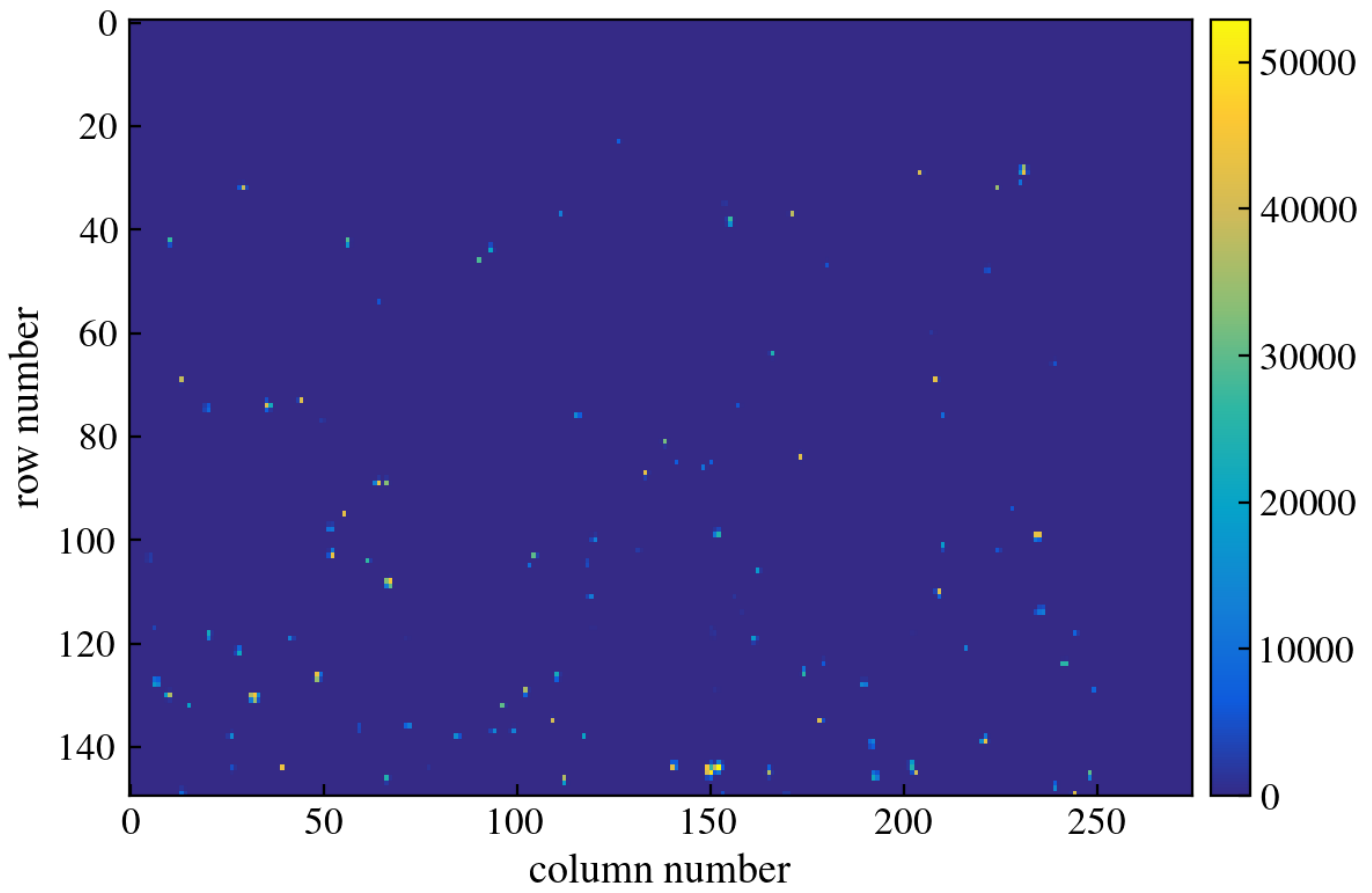


Figure 289: CCD Image

CCD Image: run 147, image 330  
[class MECCDImage]

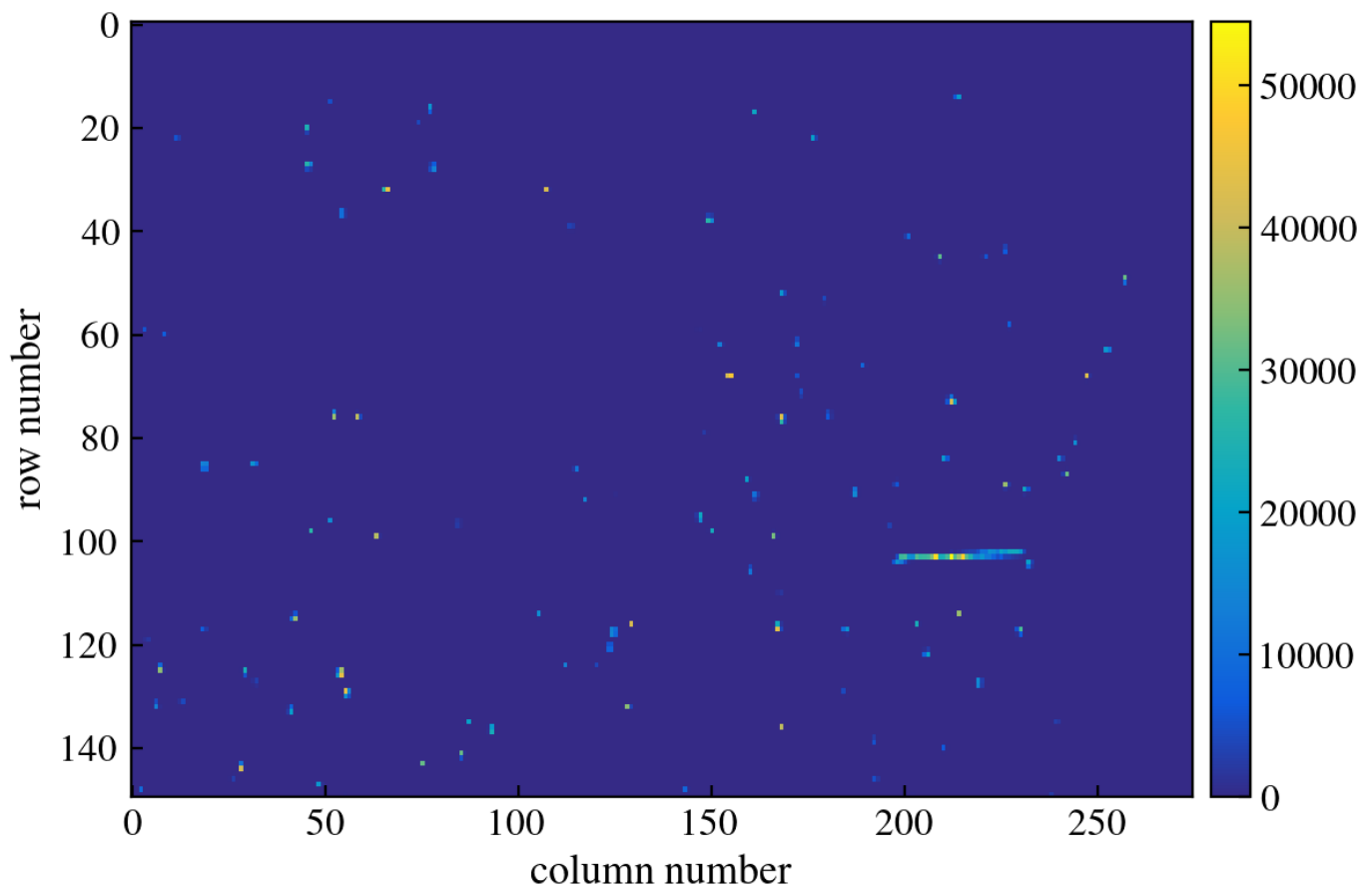


Figure 290: CCD Image

CCD Image: run 147, image 331  
[class MECCDImage]

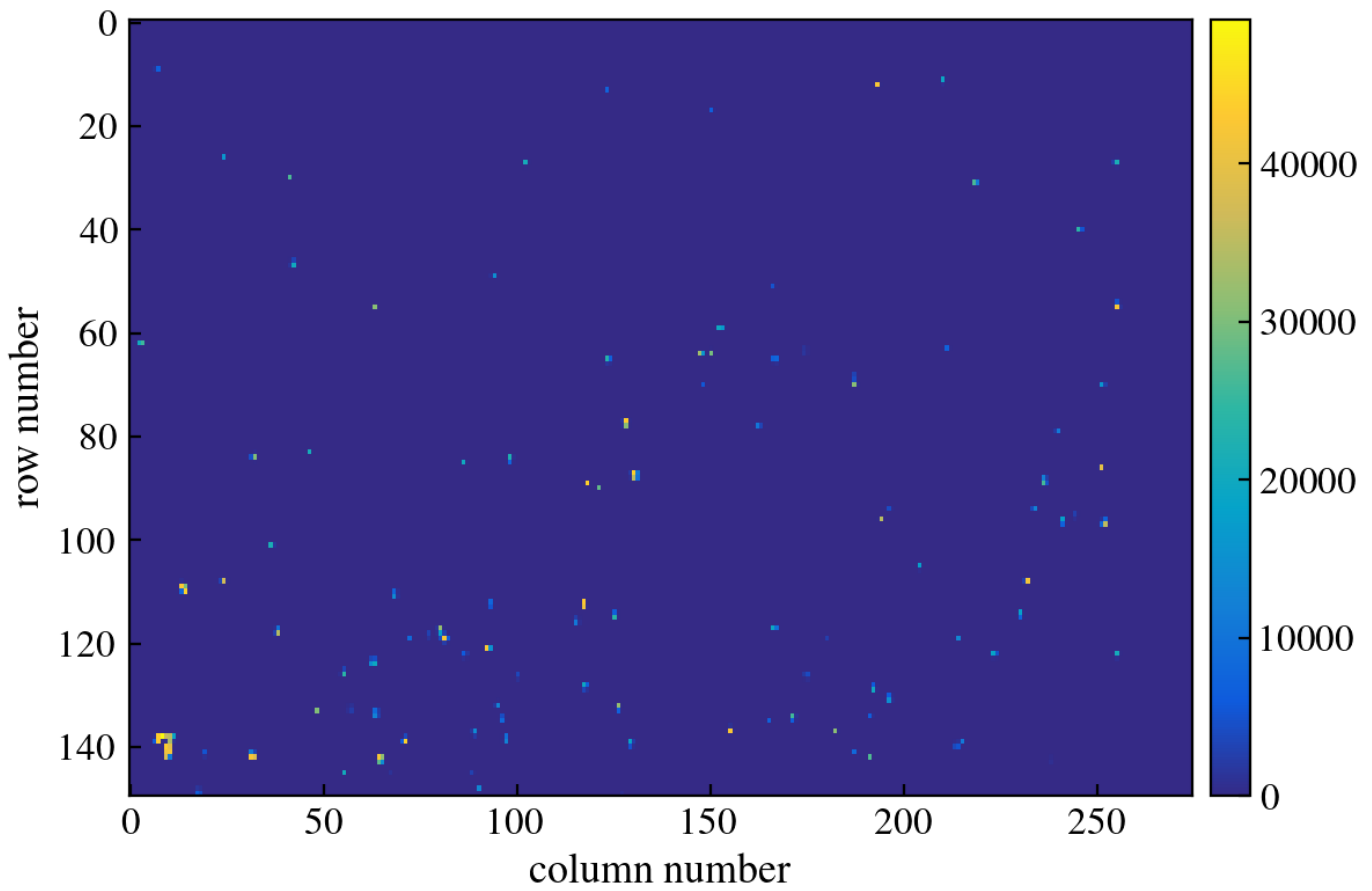


Figure 291: CCD Image



CCD Image: run 147, image 332  
[class MECCDImage]

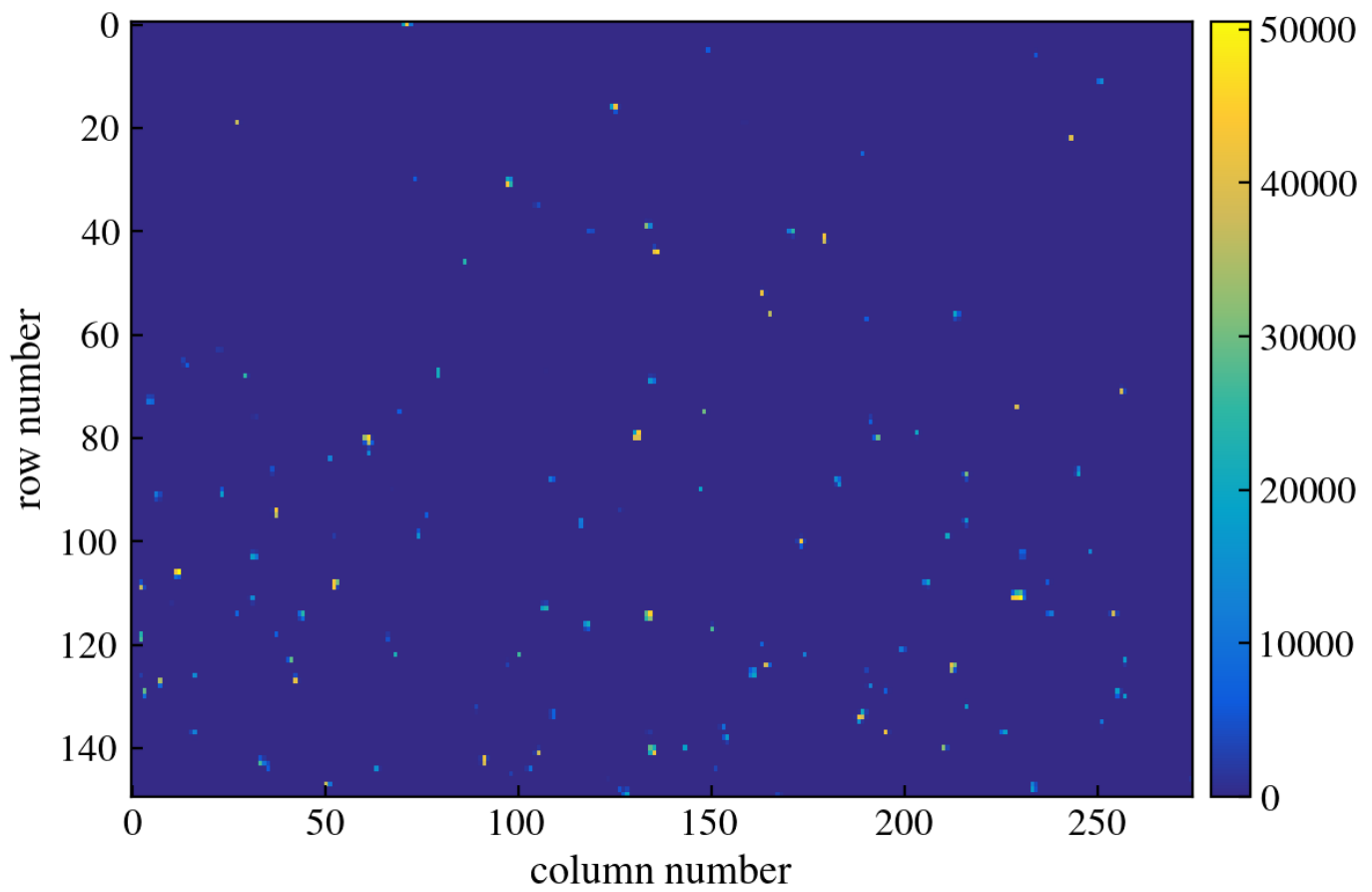


Figure 292: CCD Image

CCD Image: run 147, image 333  
[class MECCDImage]

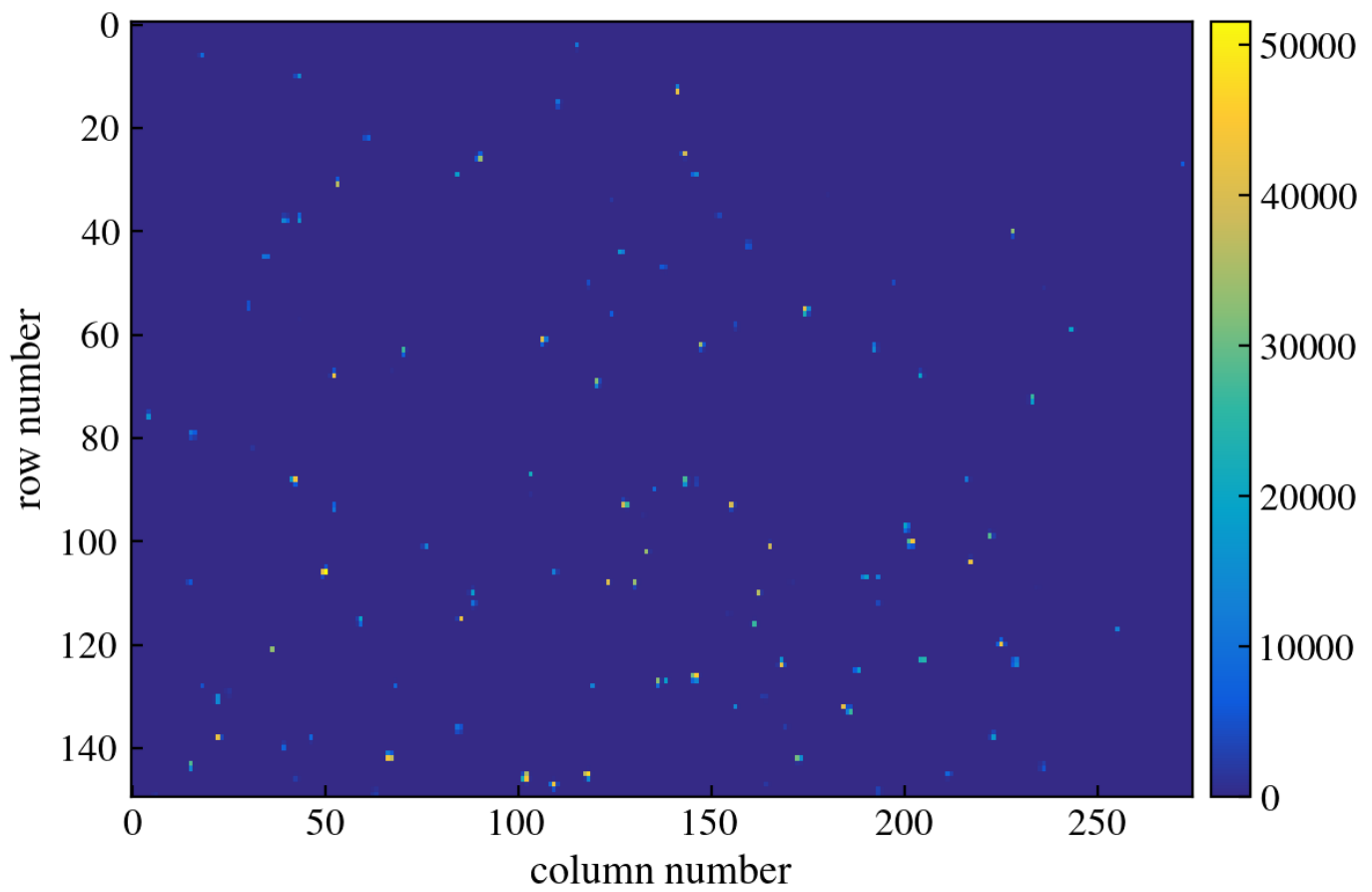


Figure 293: CCD Image

CCD Image: run 147, image 334  
[class MECCDImage]

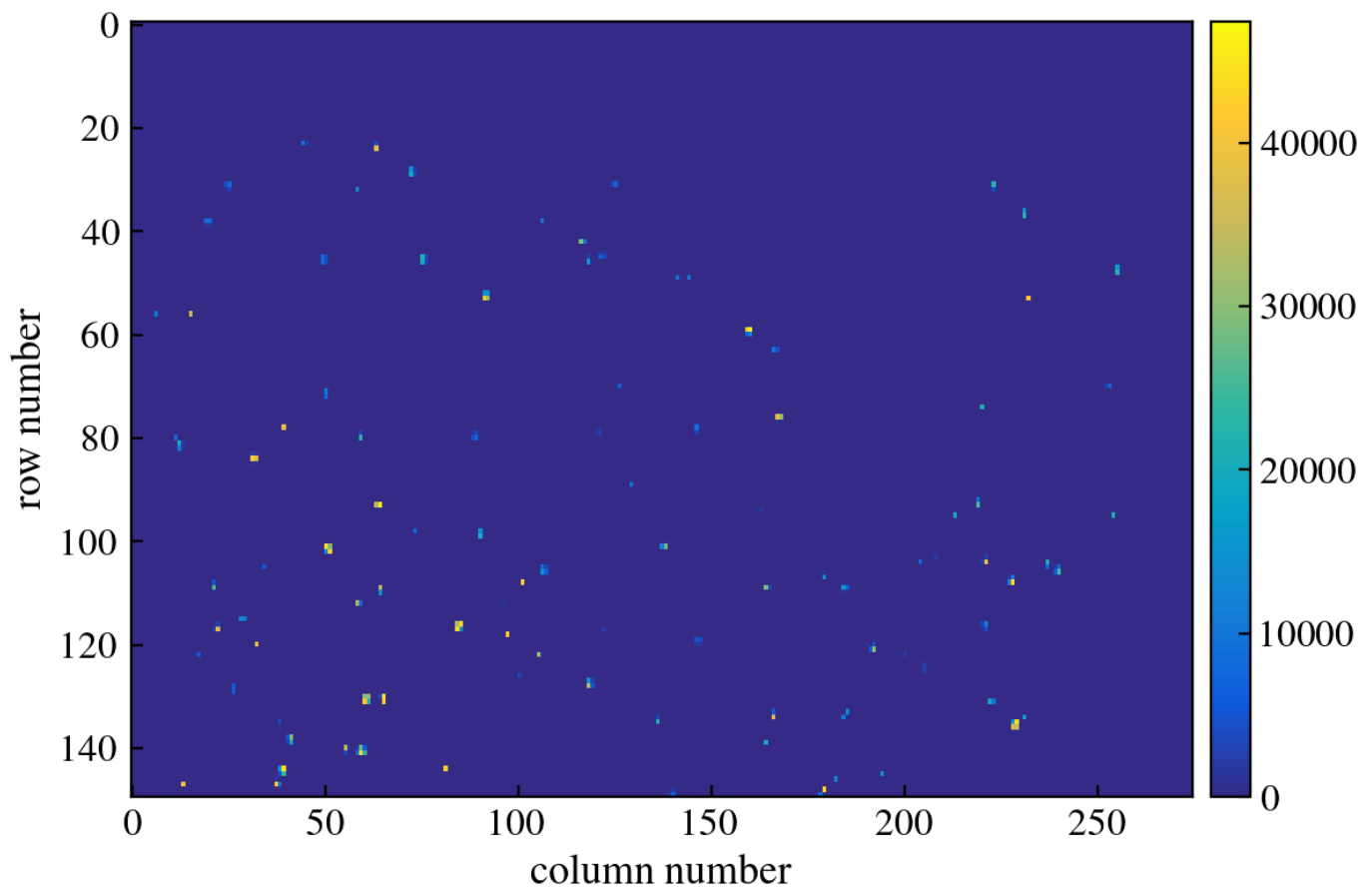


Figure 294: CCD Image

CCD Image: run 147, image 335  
[class MECCDImage]

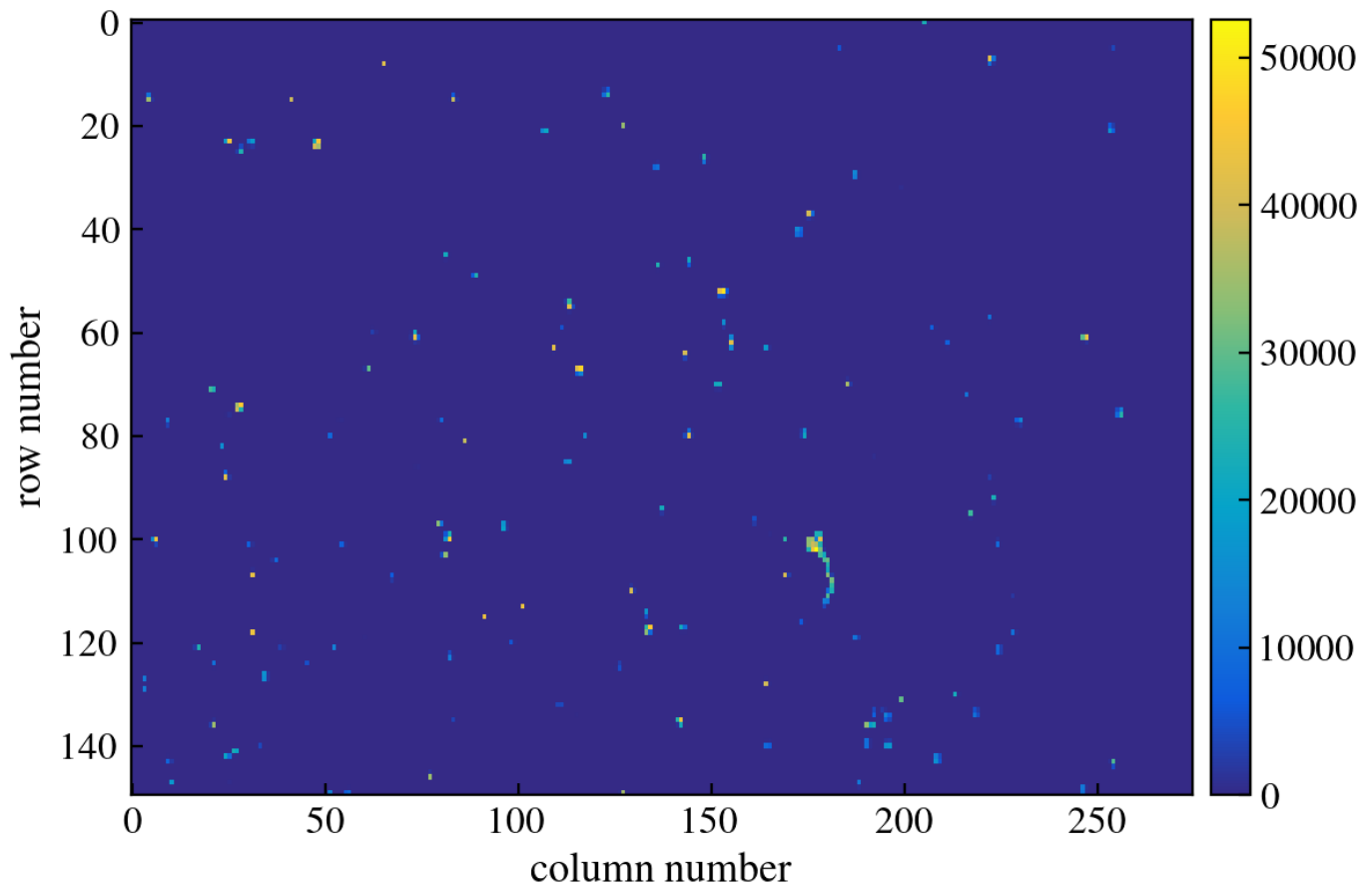


Figure 295: CCD Image

CCD Image: run 147, image 336  
[class MECCDImage]

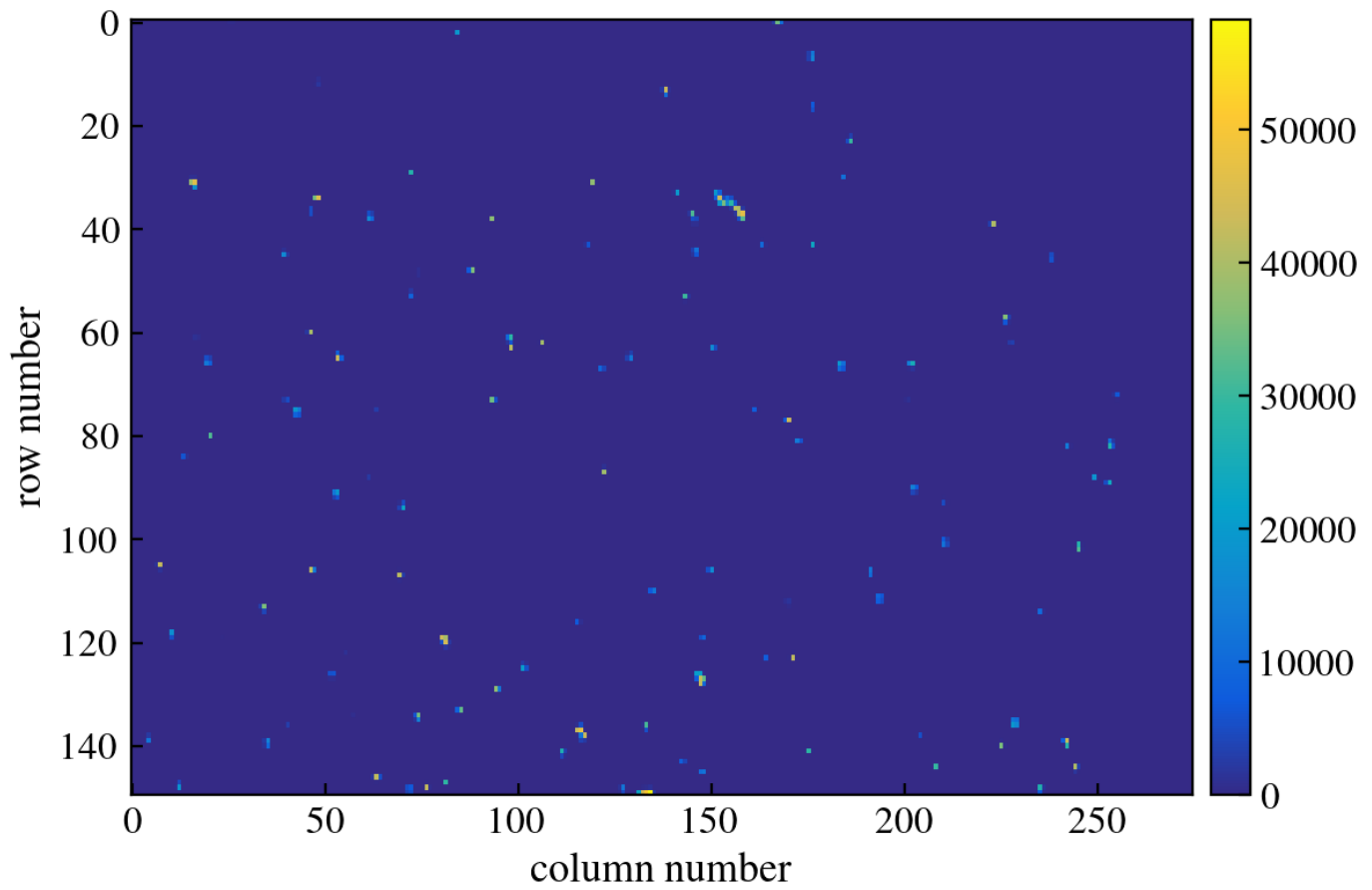


Figure 296: CCD Image

CCD Image: run 147, image 337  
[class MECCDImage]

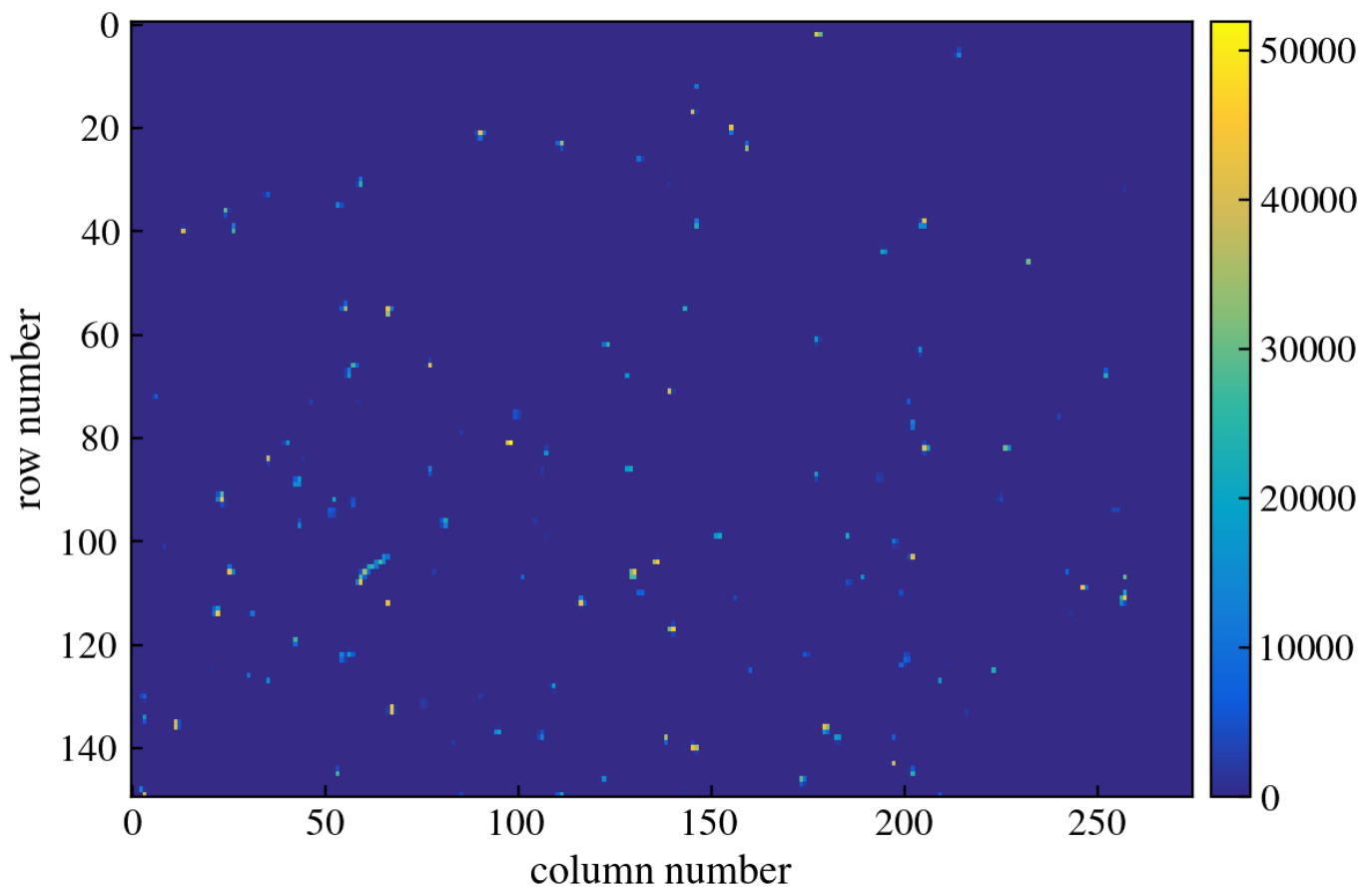


Figure 297: CCD Image

CCD Image: run 147, image 338  
[class MECCDImage]

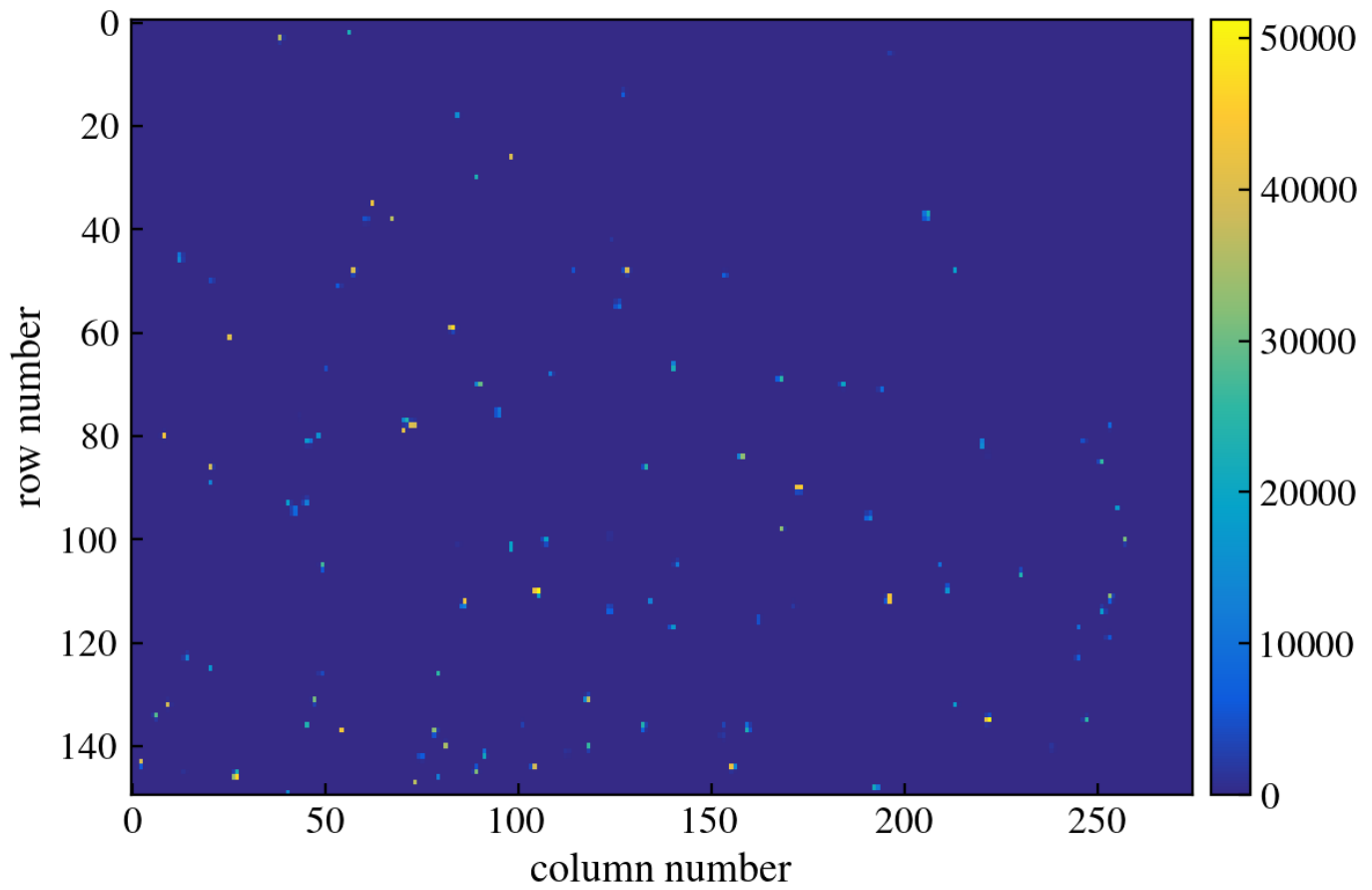


Figure 298: CCD Image

CCD Image: run 147, image 339  
[class MECCDImage]

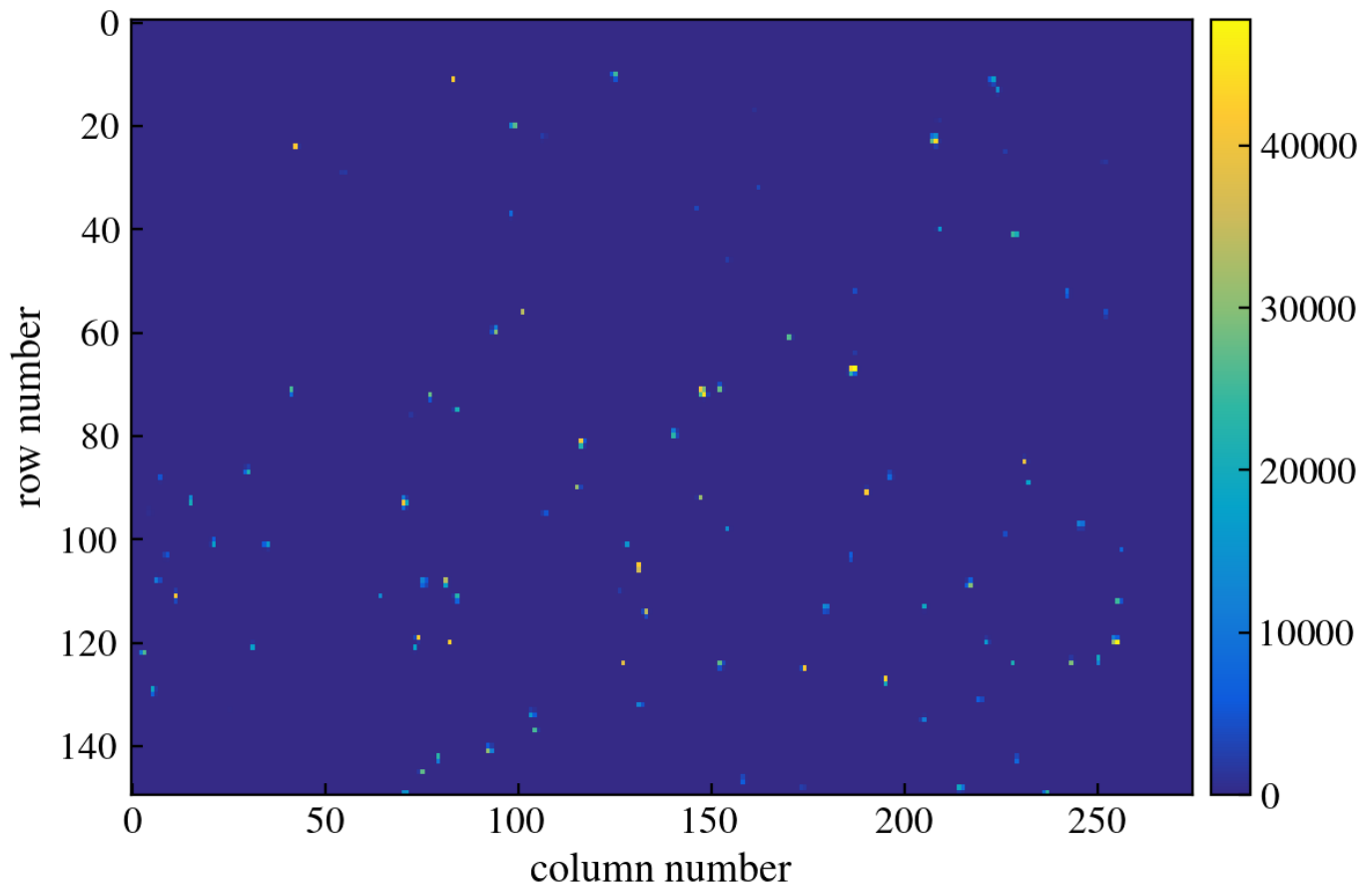


Figure 299: CCD Image



CCD Image: run 147, image 34  
[class MECCDImage]

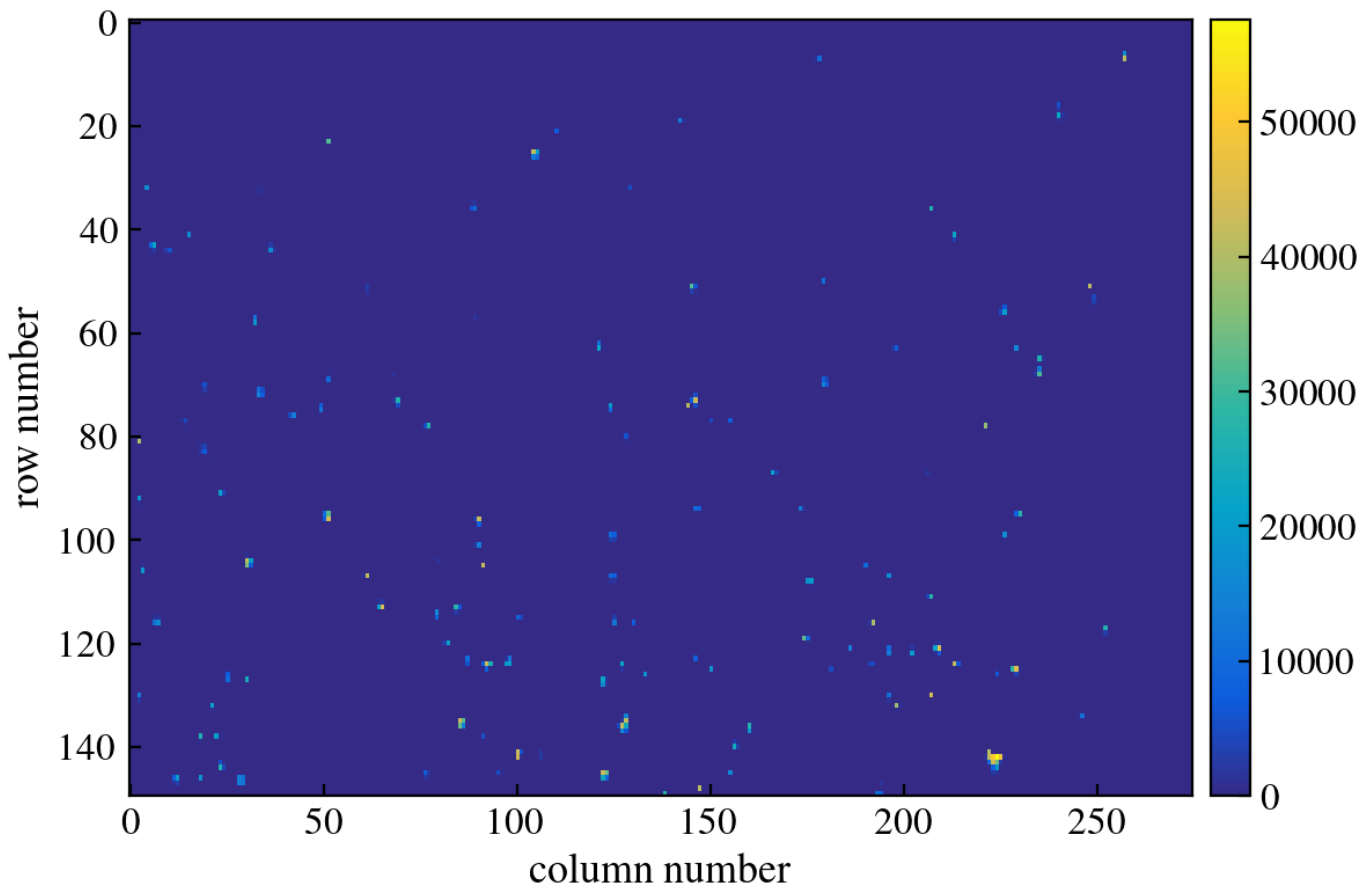


Figure 300: CCD Image

CCD Image: run 147, image 340  
[class MECCDImage]

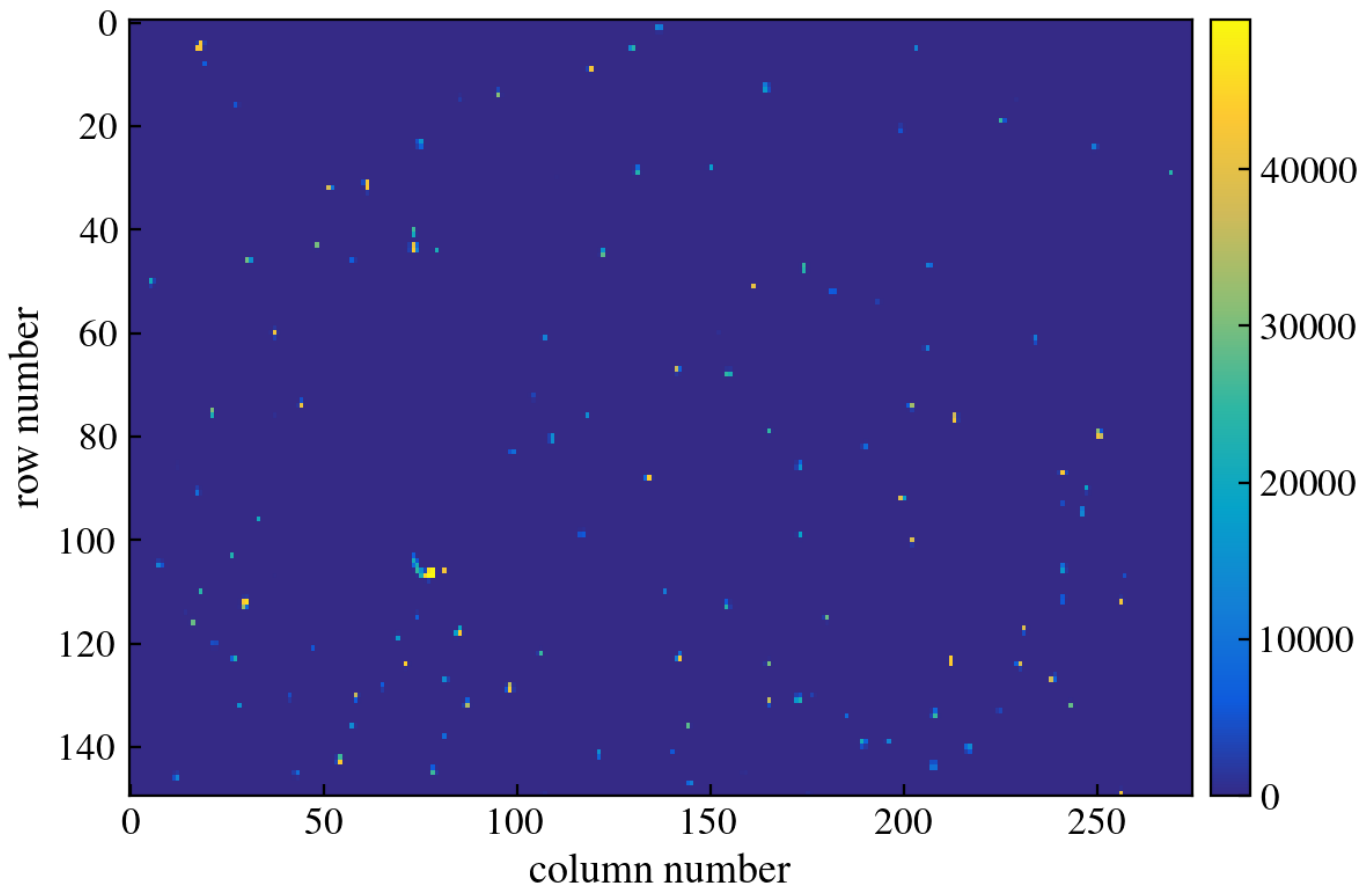


Figure 301: CCD Image

CCD Image: run 147, image 341  
[class MECCDImage]

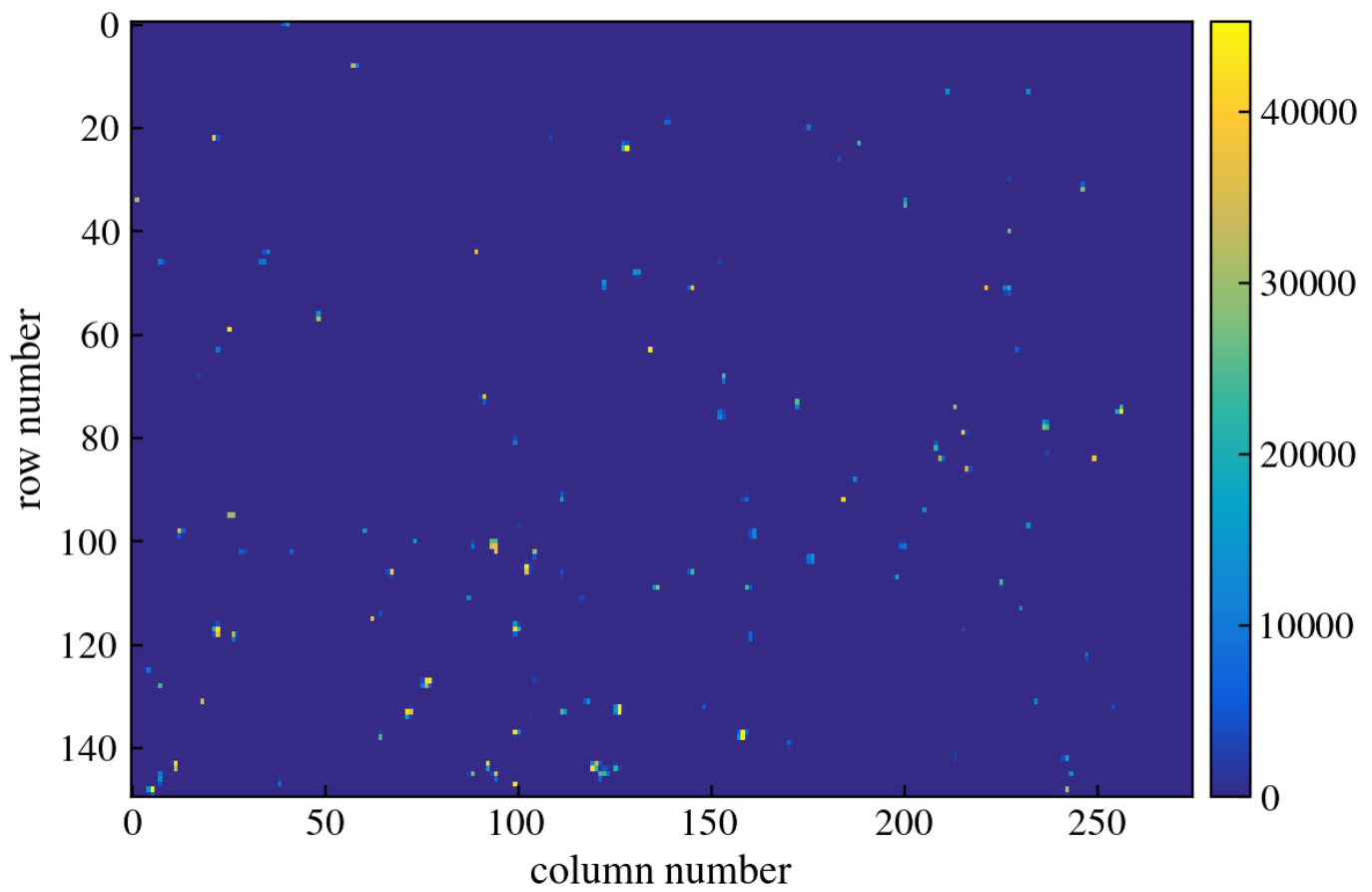


Figure 302: CCD Image

CCD Image: run 147, image 342  
[class MECCDImage]

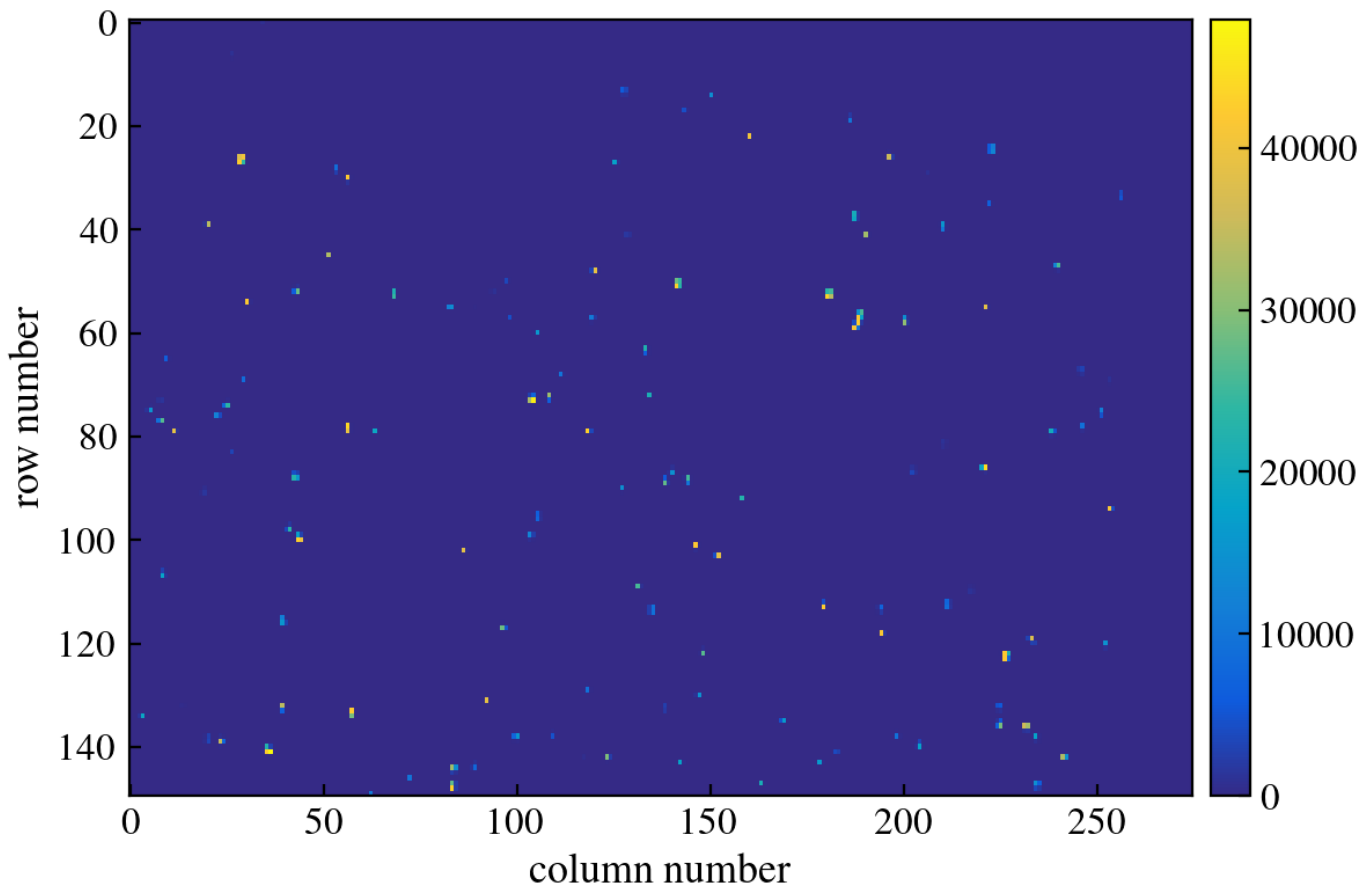


Figure 303: CCD Image

CCD Image: run 147, image 343  
[class MECCDImage]

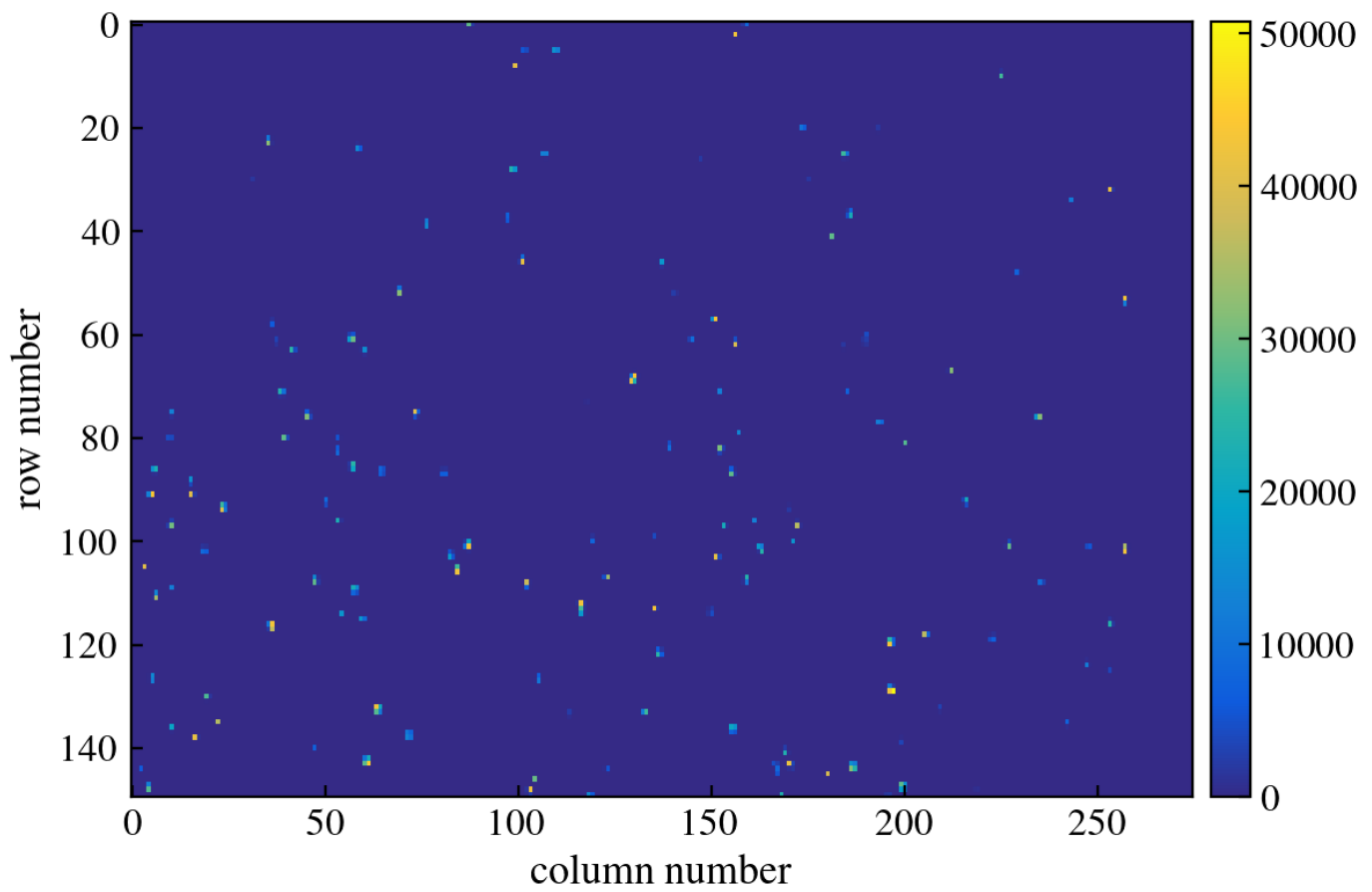


Figure 304: CCD Image

CCD Image: run 147, image 344  
[class MECCDImage]

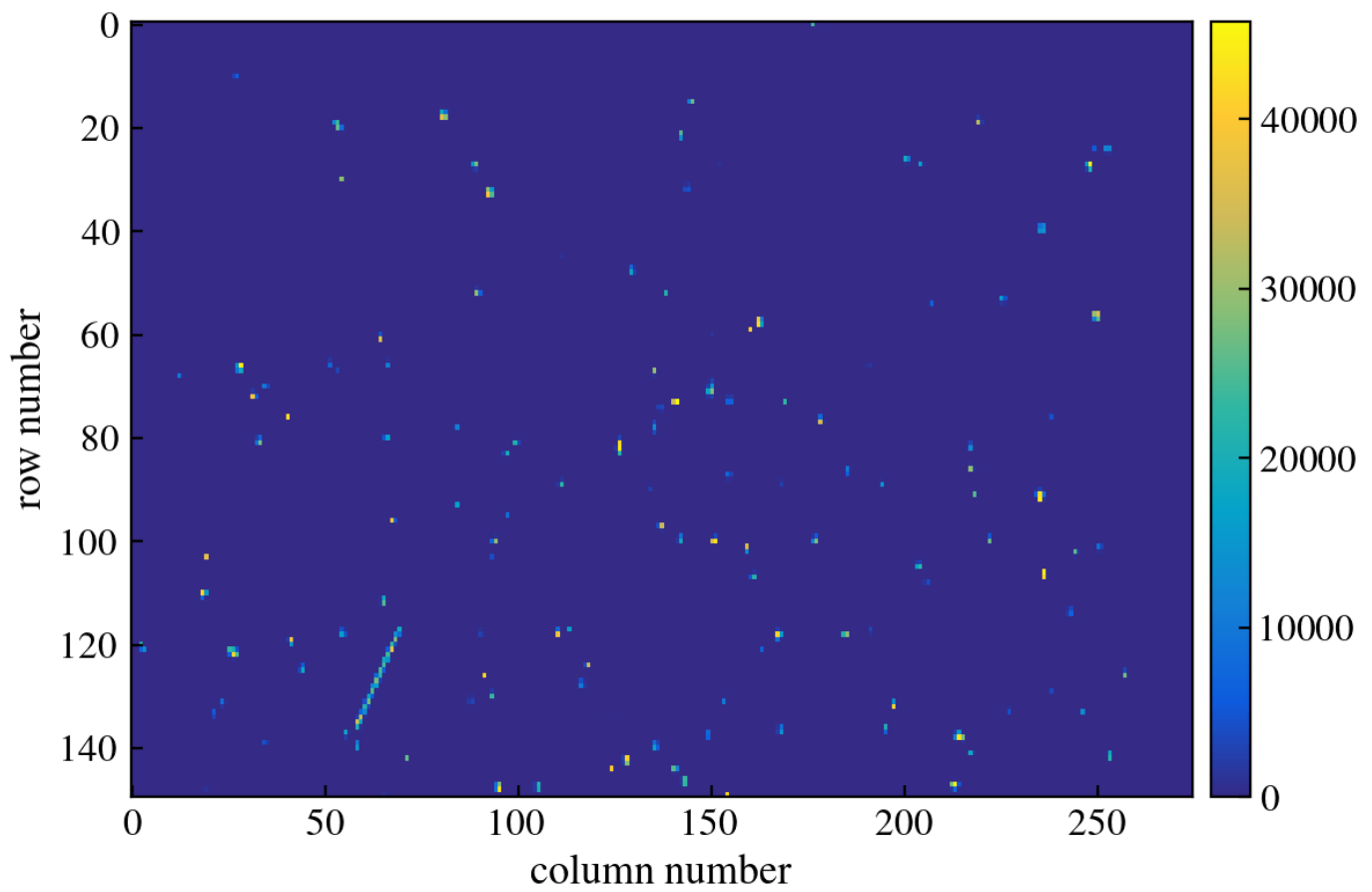


Figure 305: CCD Image

CCD Image: run 147, image 345  
[class MECCDImage]

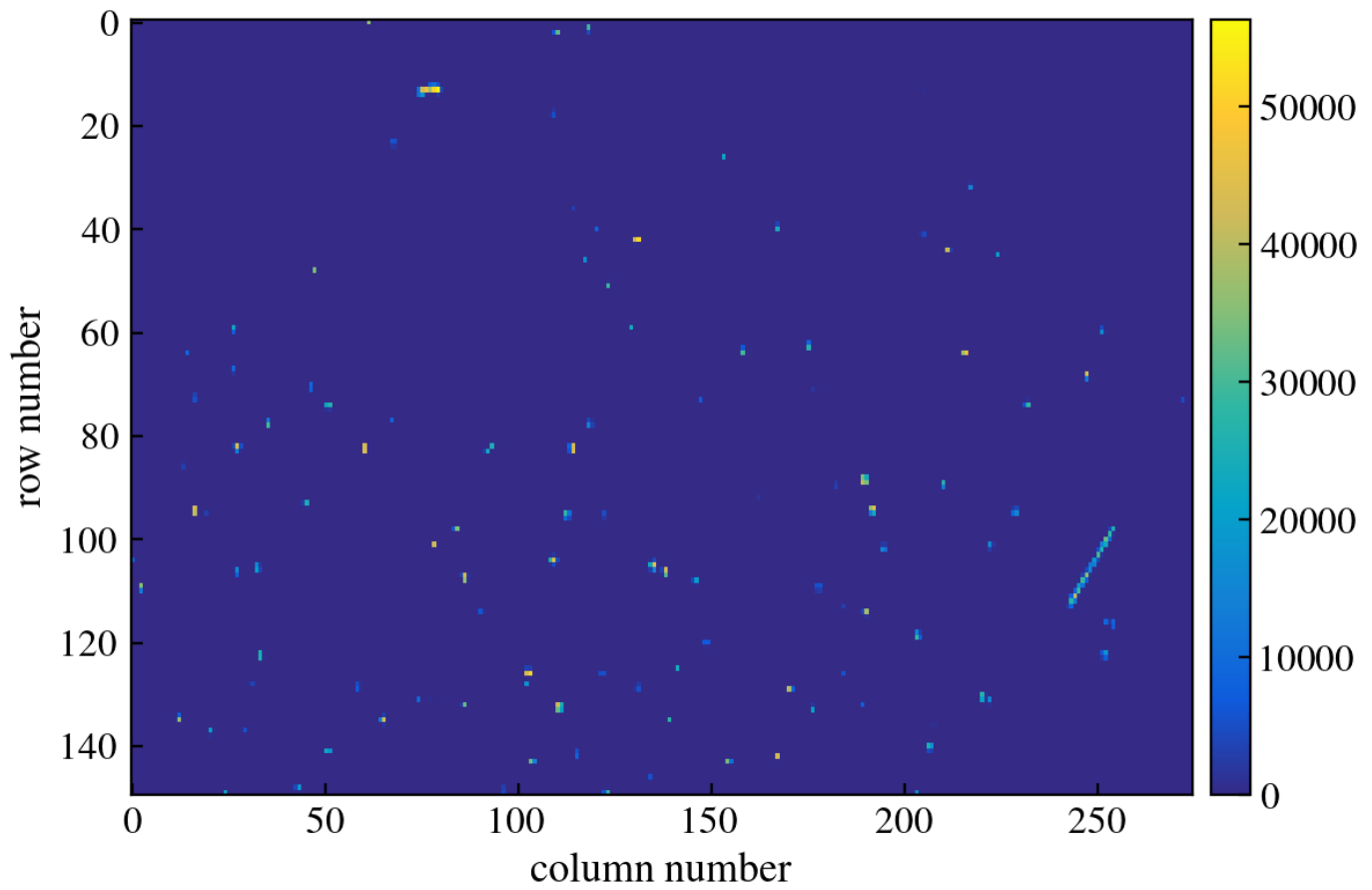


Figure 306: CCD Image

CCD Image: run 147, image 346  
[class MECCDImage]

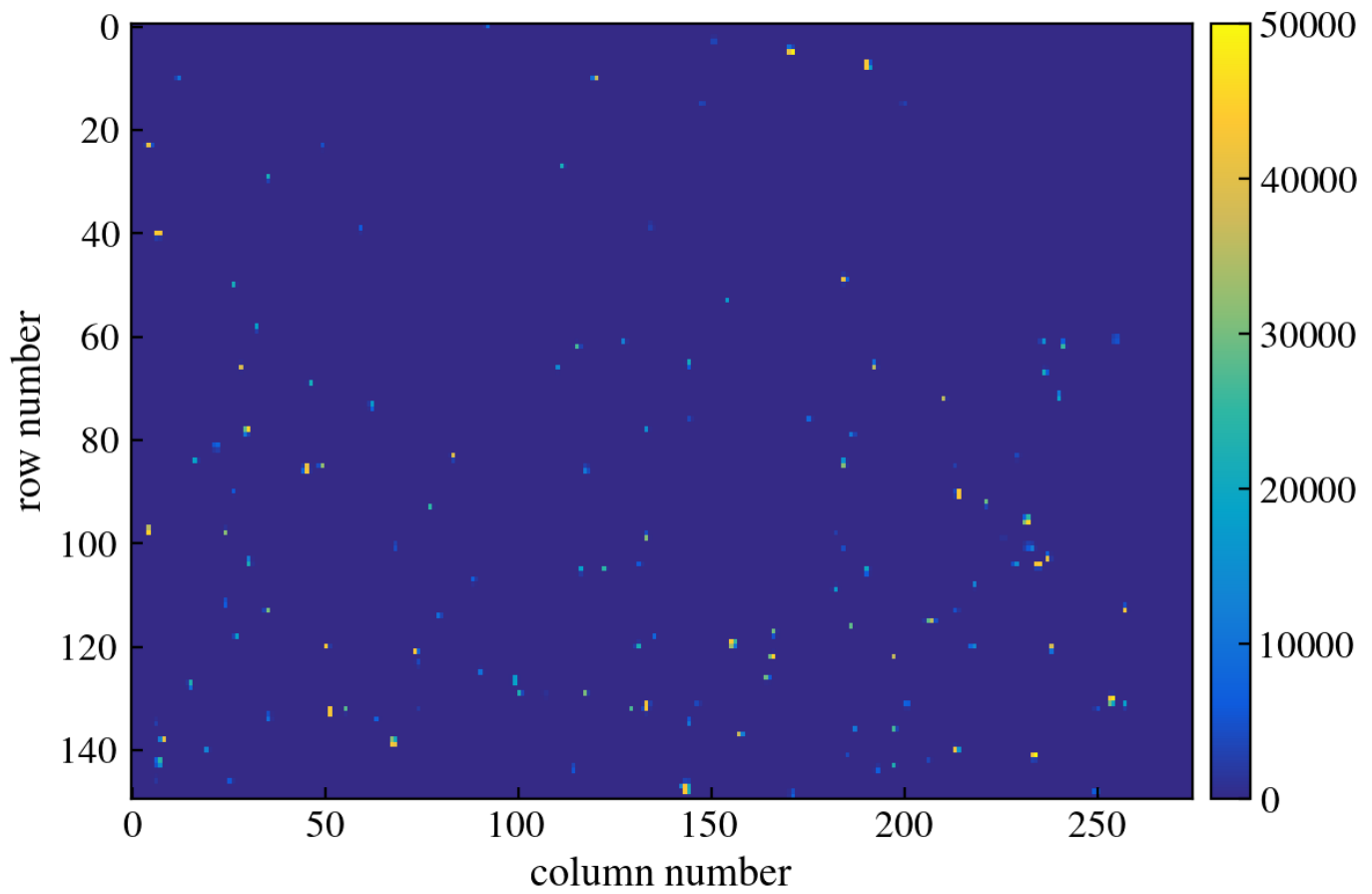


Figure 307: CCD Image



CCD Image: run 147, image 347  
[class MECCDImage]

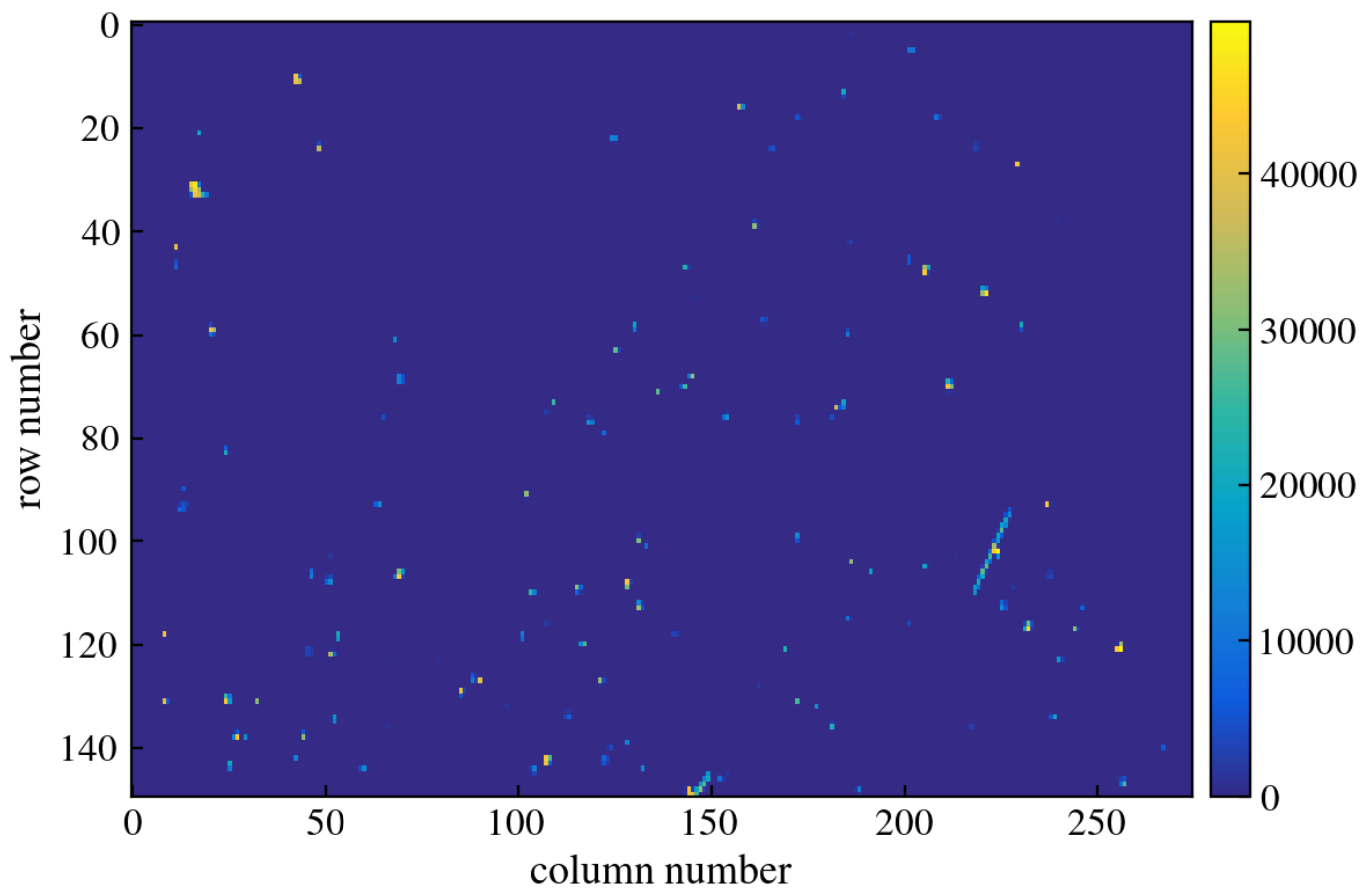


Figure 308: CCD Image

CCD Image: run 147, image 348  
[class MECCDImage]

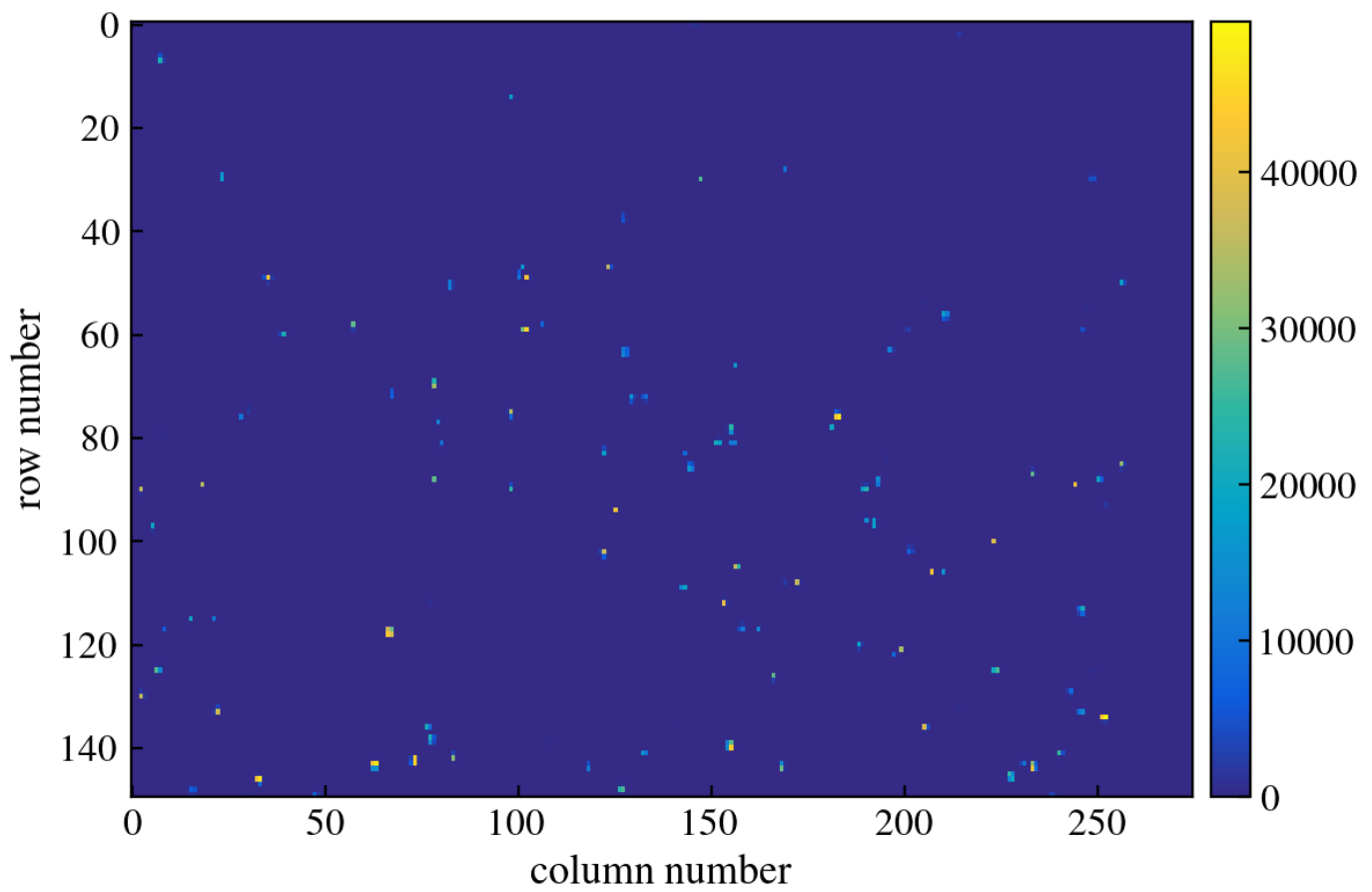


Figure 309: CCD Image

CCD Image: run 147, image 349  
[class MECCDImage]

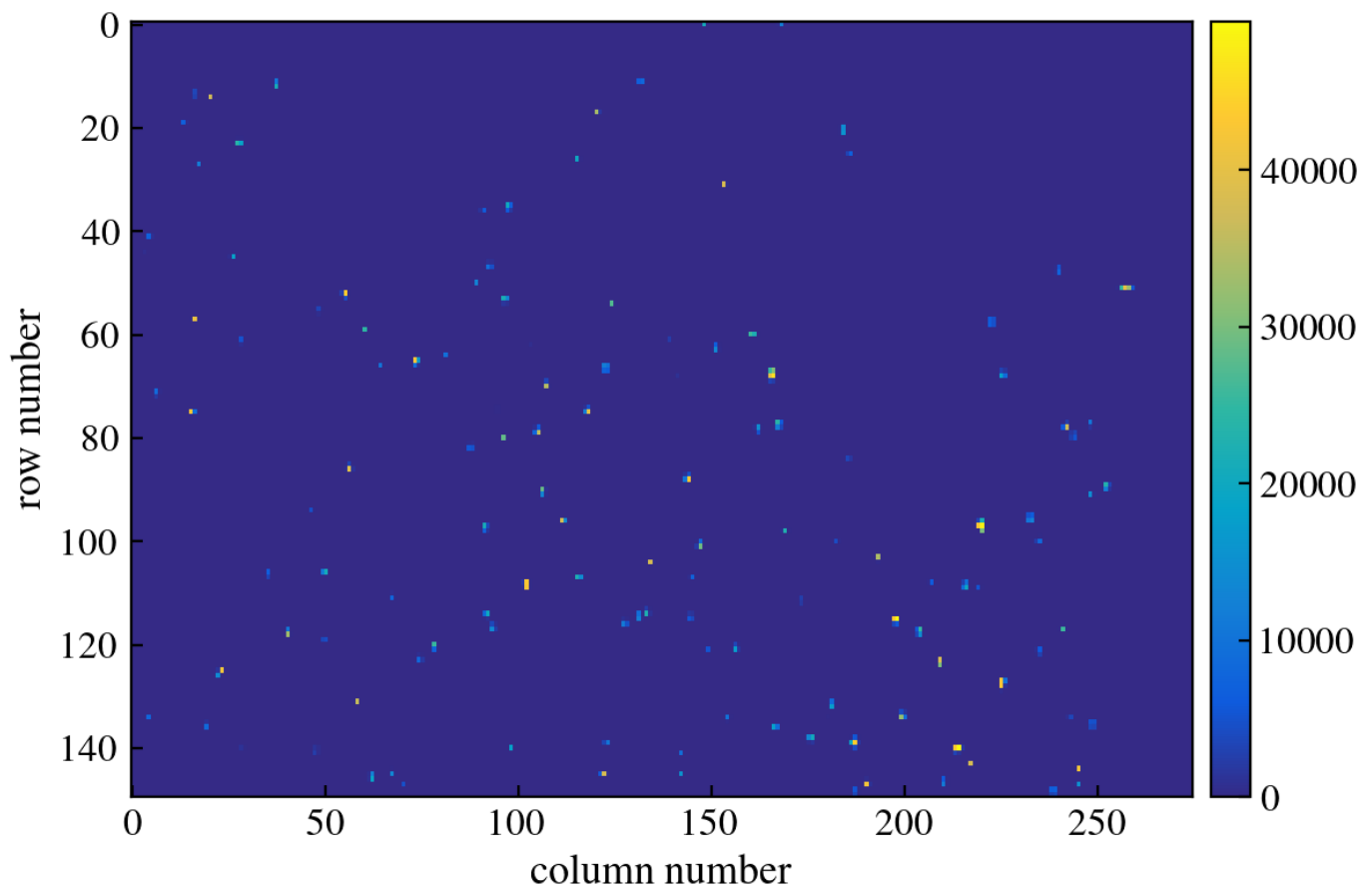


Figure 310: CCD Image

CCD Image: run 147, image 35  
[class MECCDImage]

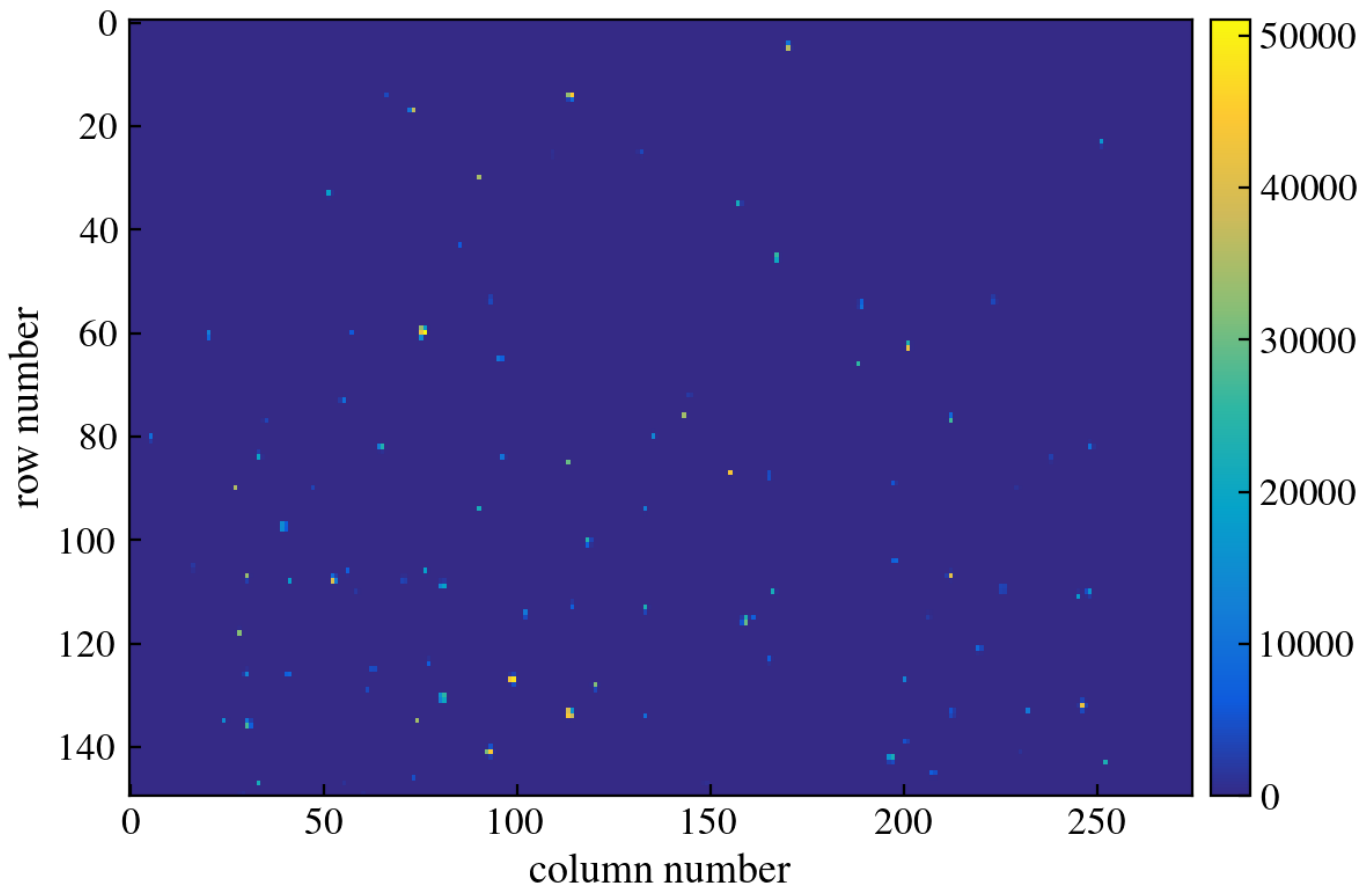


Figure 311: CCD Image

CCD Image: run 147, image 350  
[class MECCDImage]

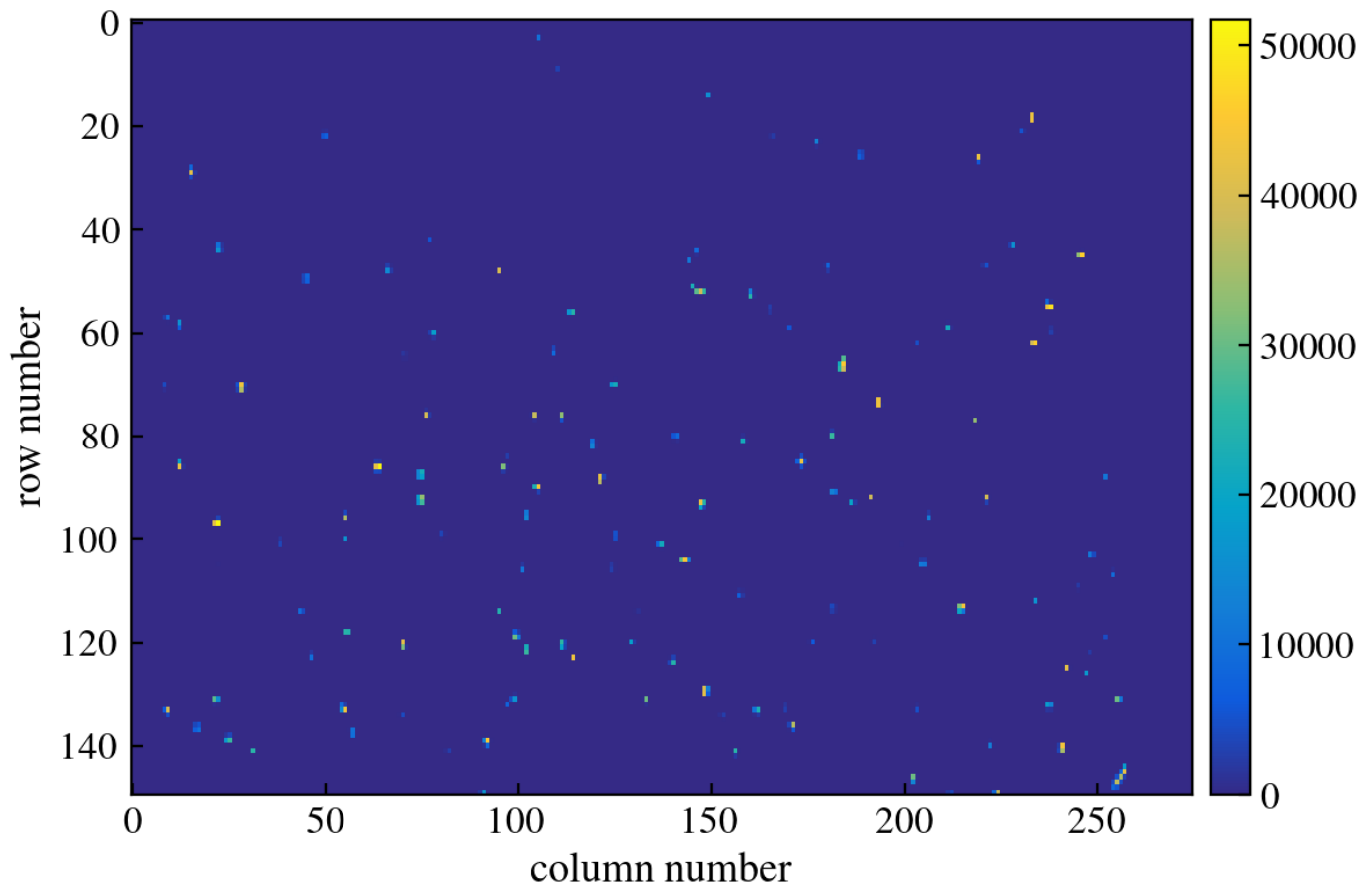


Figure 312: CCD Image

CCD Image: run 147, image 351  
[class MECCDImage]

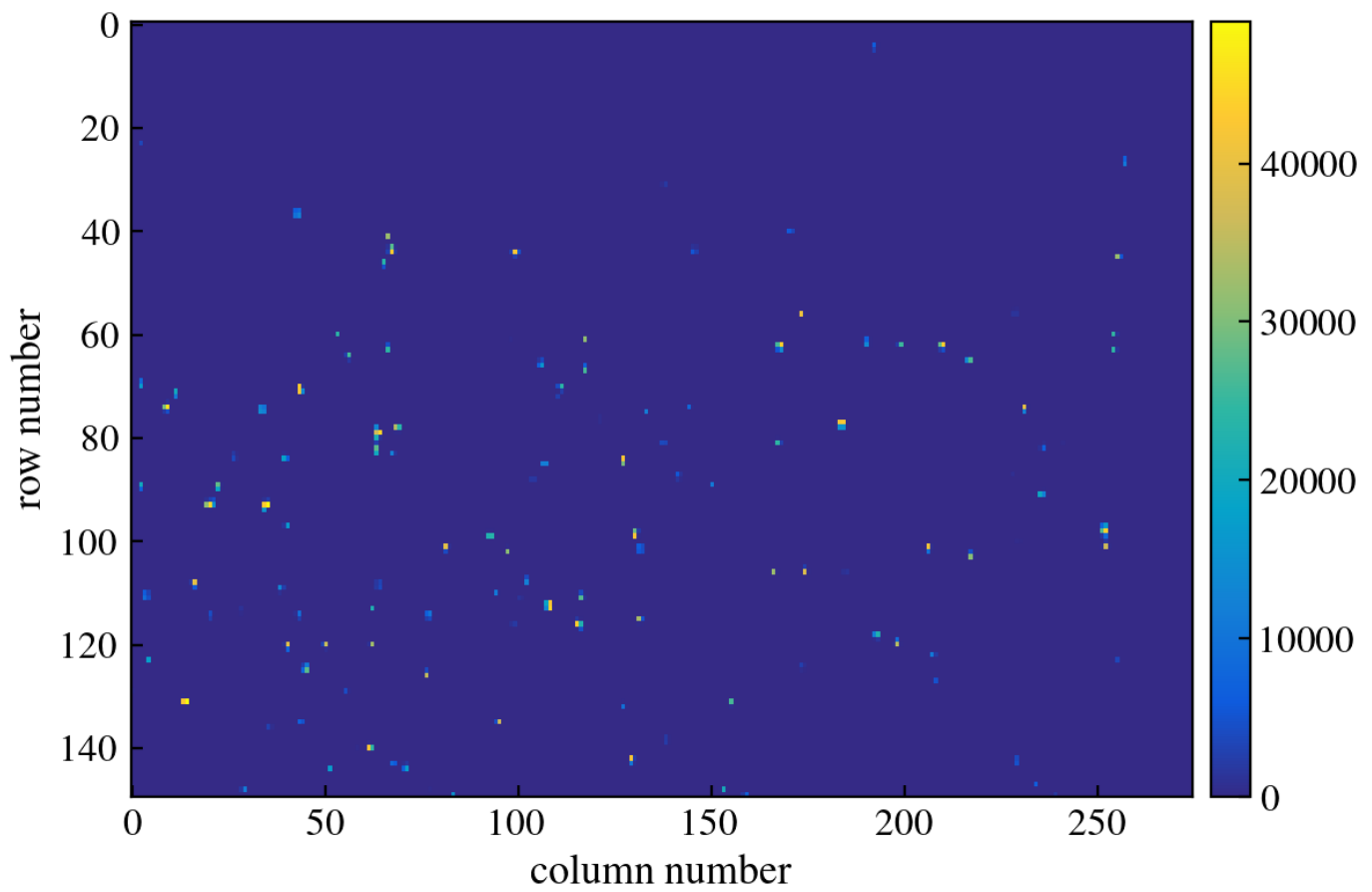


Figure 313: CCD Image

CCD Image: run 147, image 352  
[class MECCDImage]

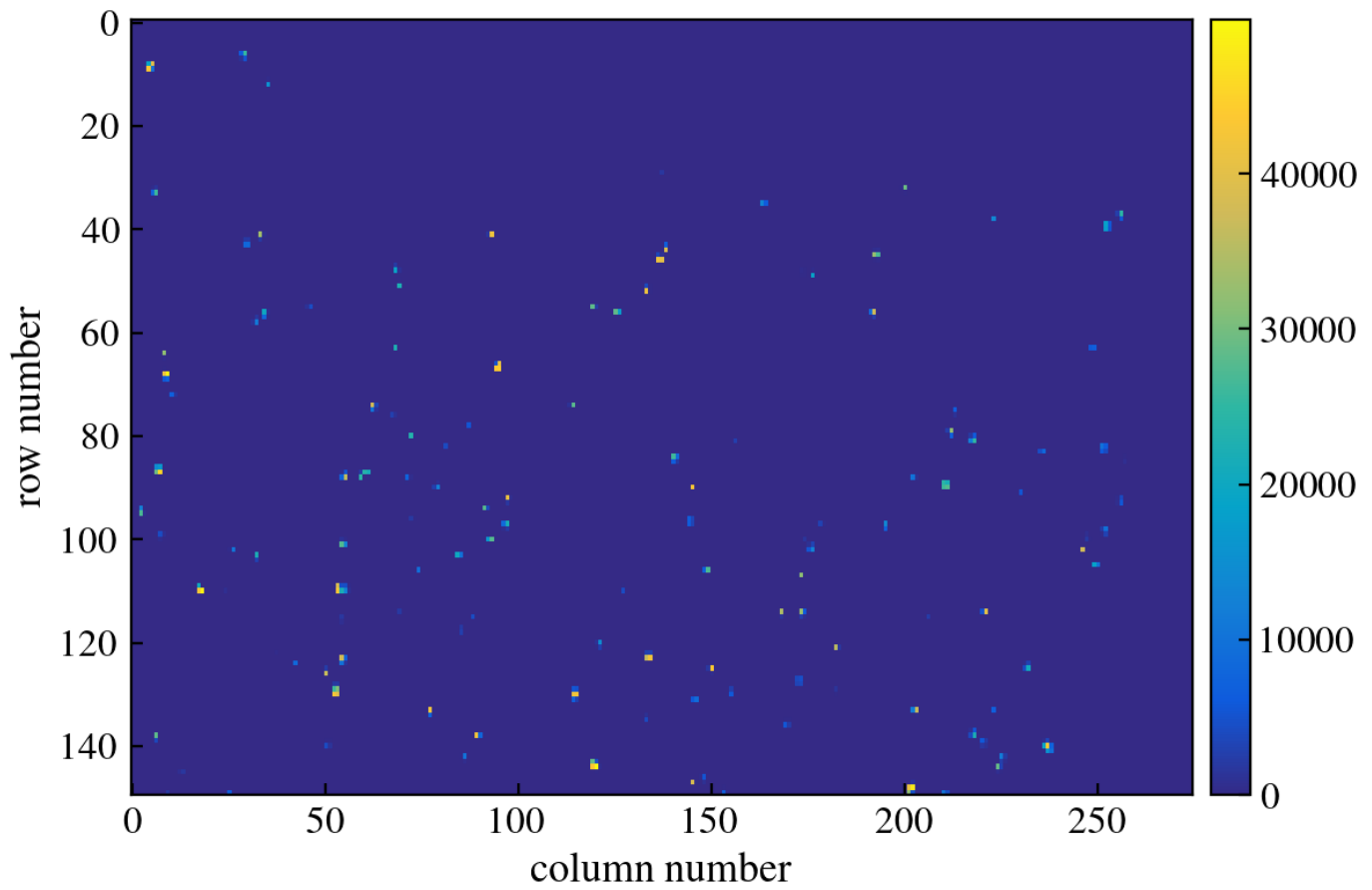


Figure 314: CCD Image

CCD Image: run 147, image 353  
[class MECCDImage]

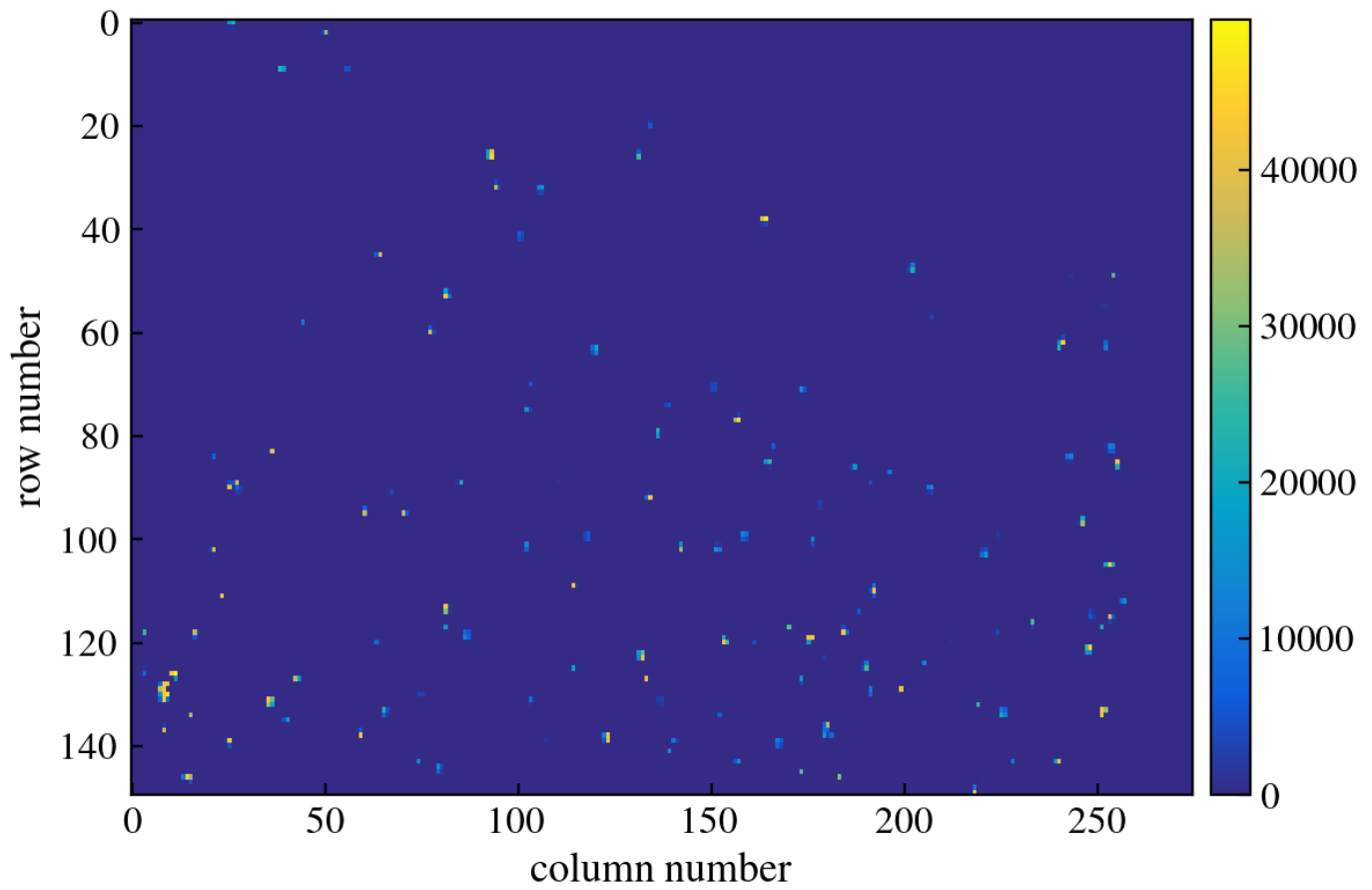


Figure 315: CCD Image



CCD Image: run 147, image 354  
[class MECCDImage]

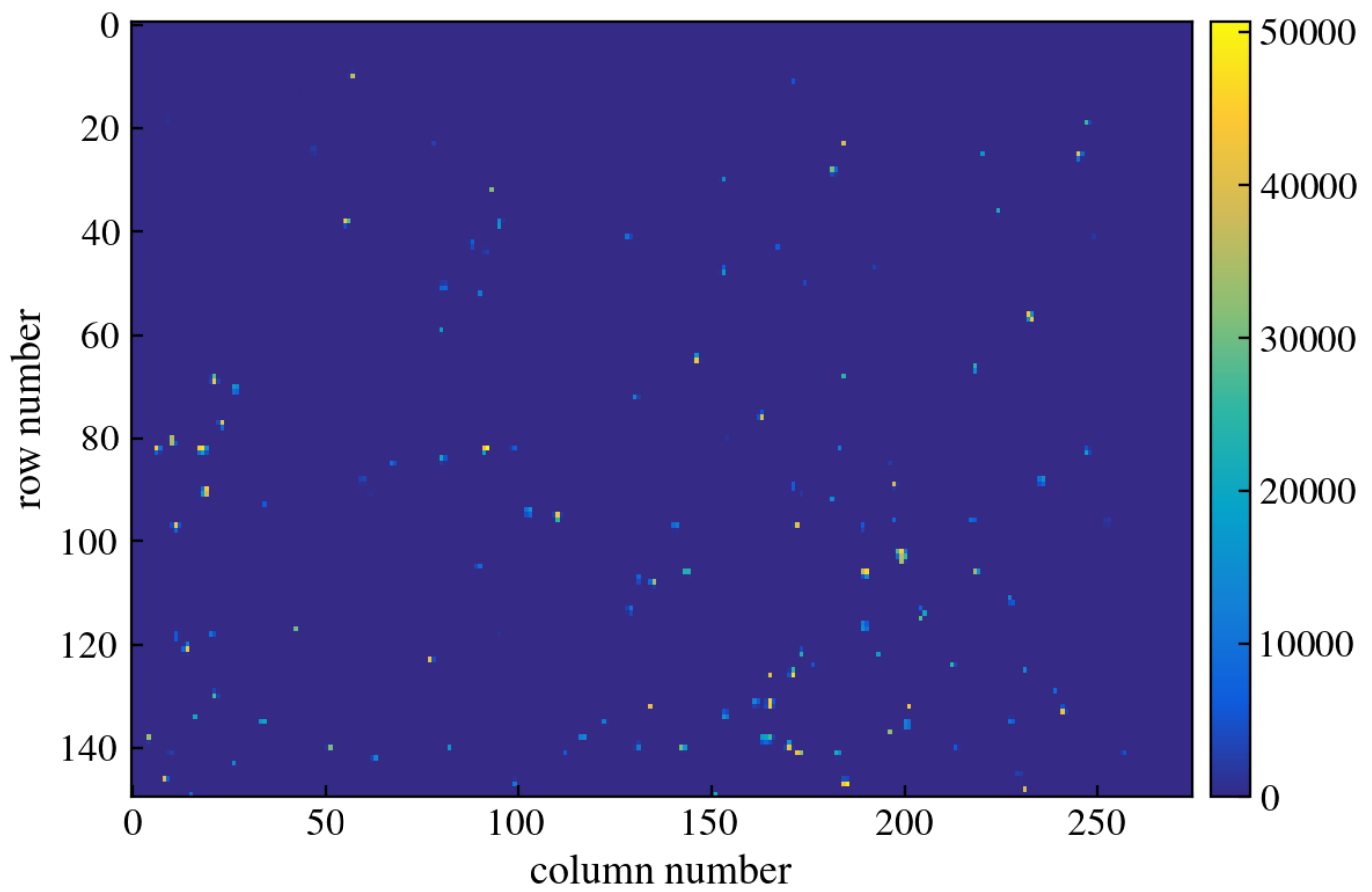


Figure 316: CCD Image

CCD Image: run 147, image 355  
[class MECCDImage]

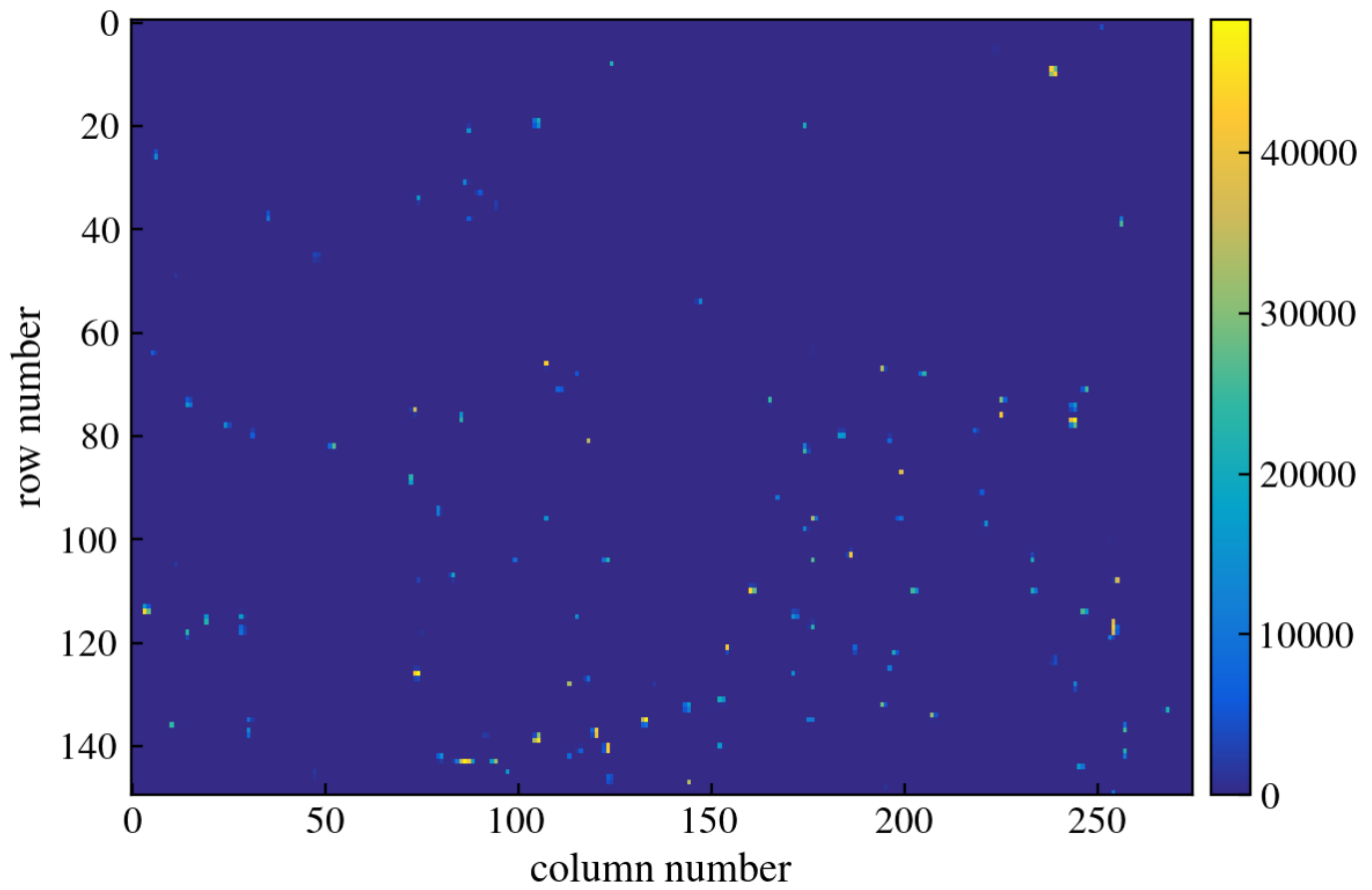


Figure 317: CCD Image

CCD Image: run 147, image 356  
[class MECCDImage]

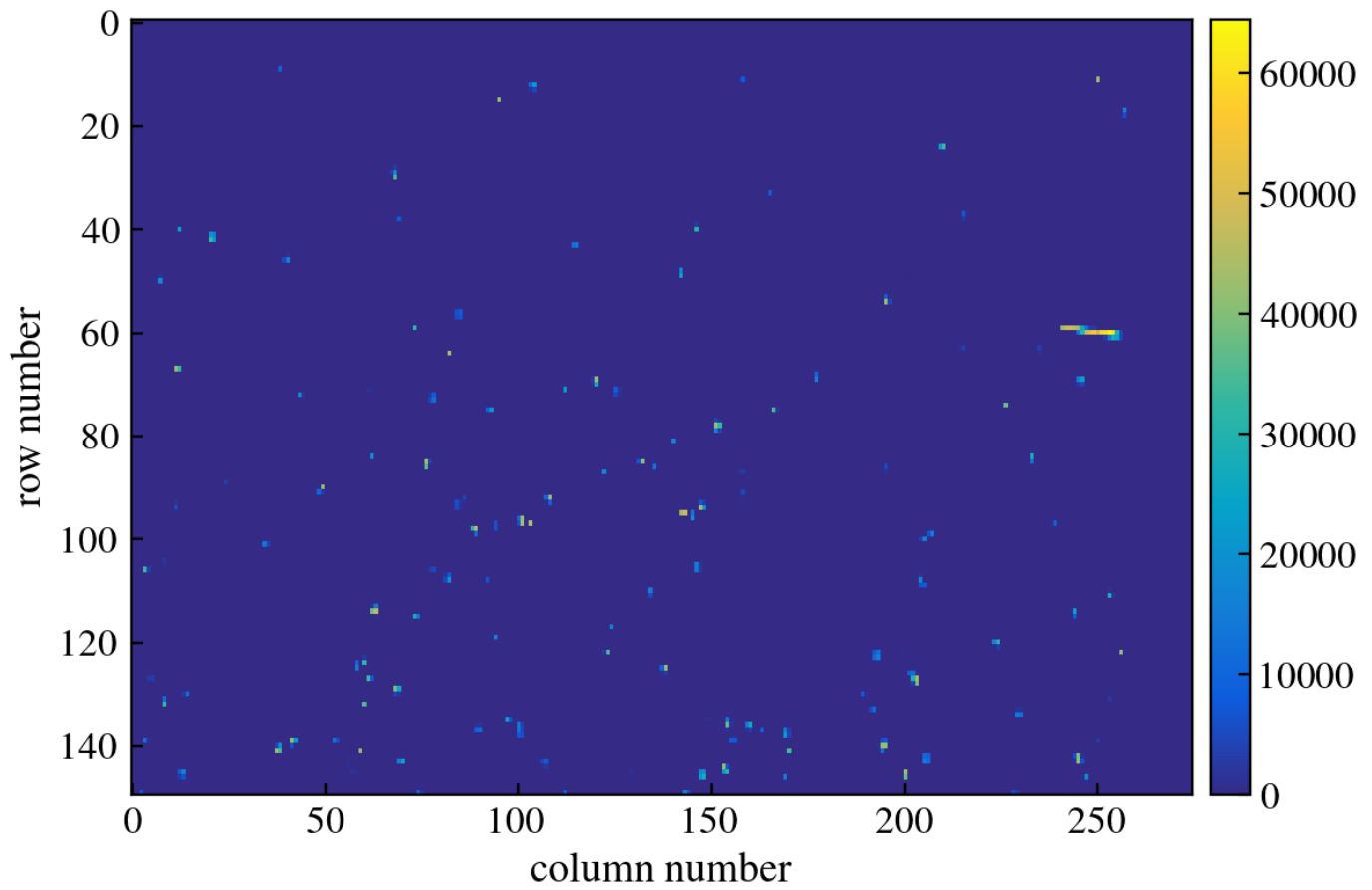


Figure 318: CCD Image

CCD Image: run 147, image 357  
[class MECCDImage]

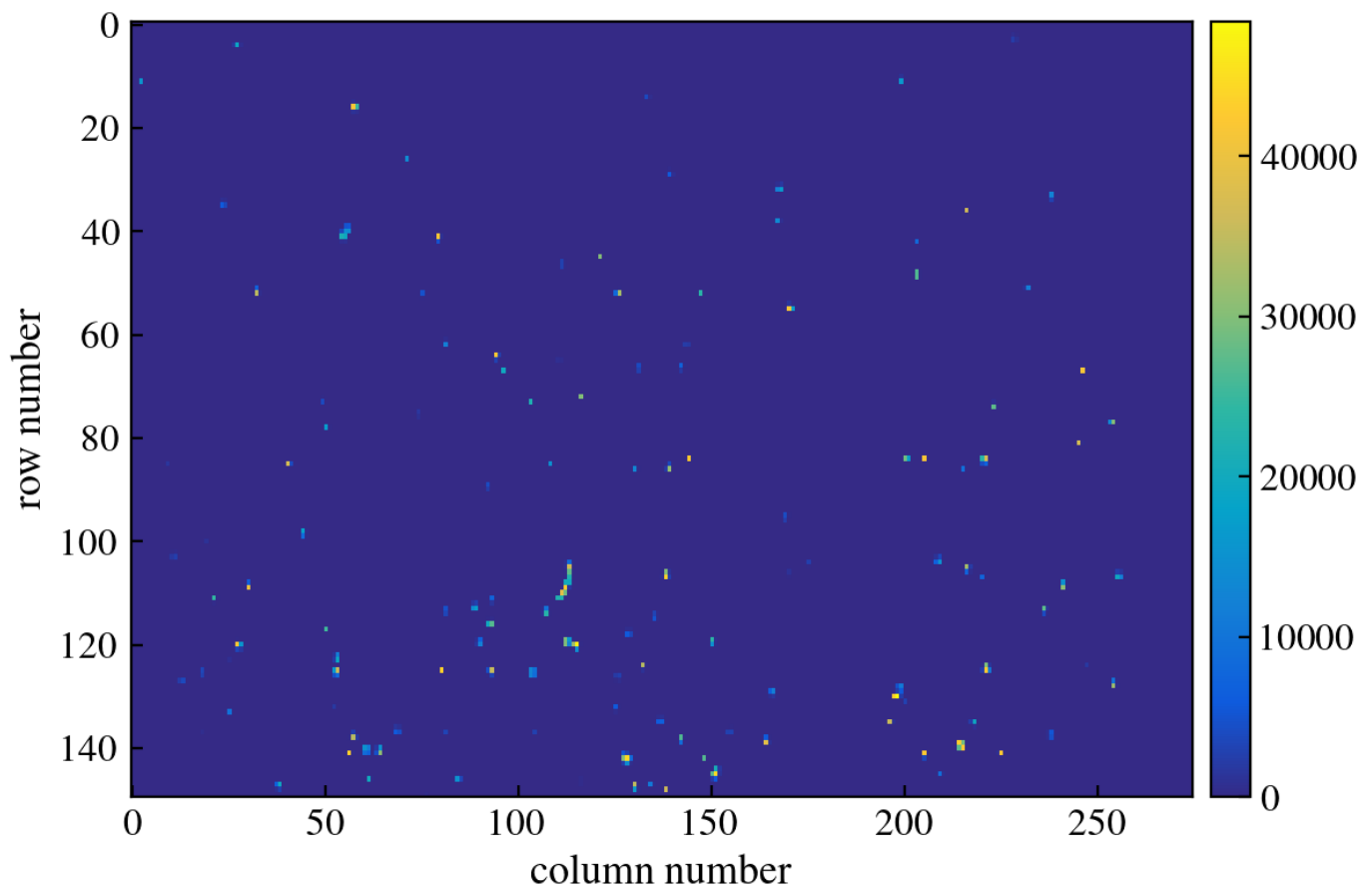


Figure 319: CCD Image

CCD Image: run 147, image 358  
[class MECCDImage]

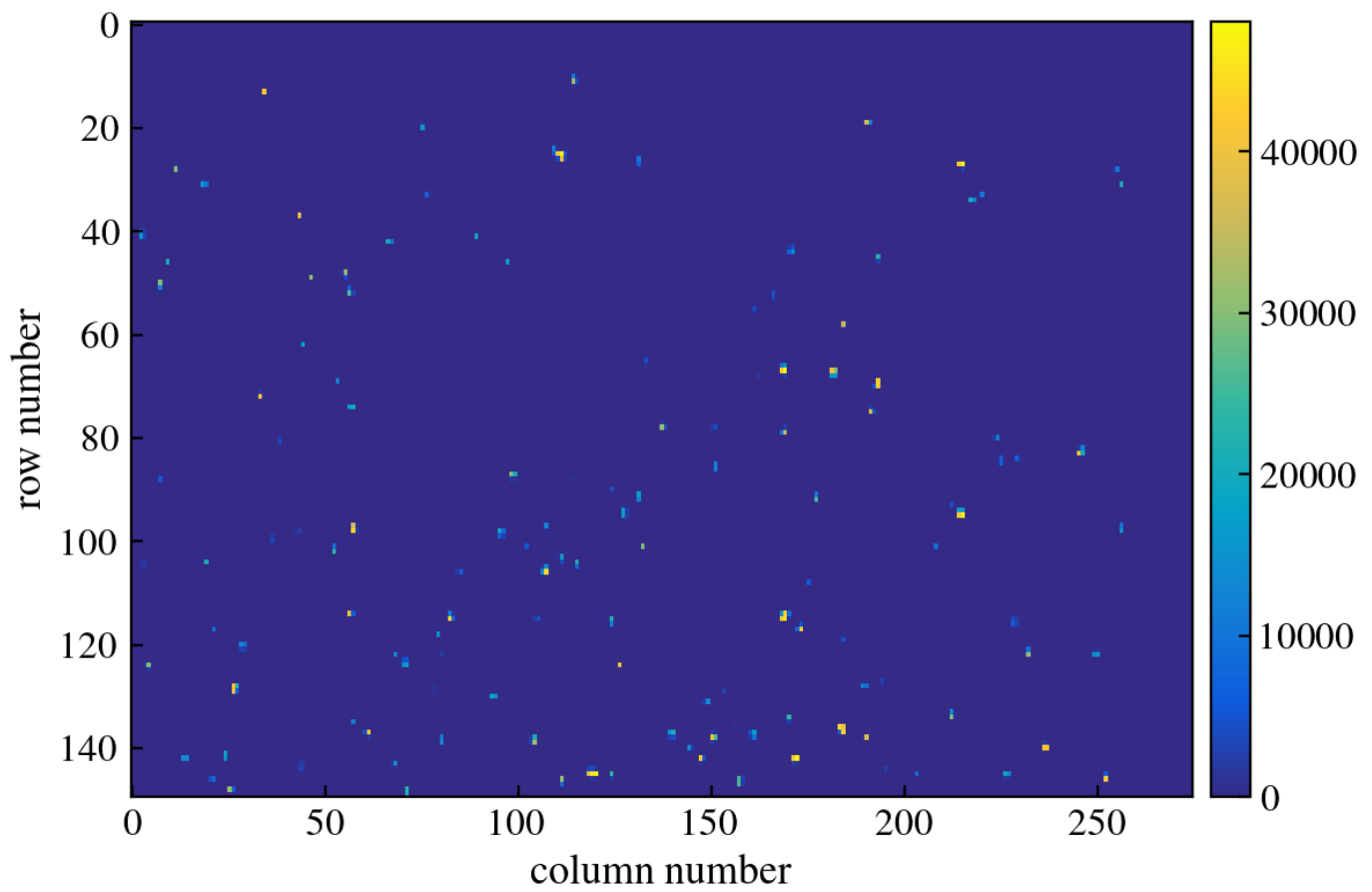


Figure 320: CCD Image

CCD Image: run 147, image 359  
[class MECCDImage]

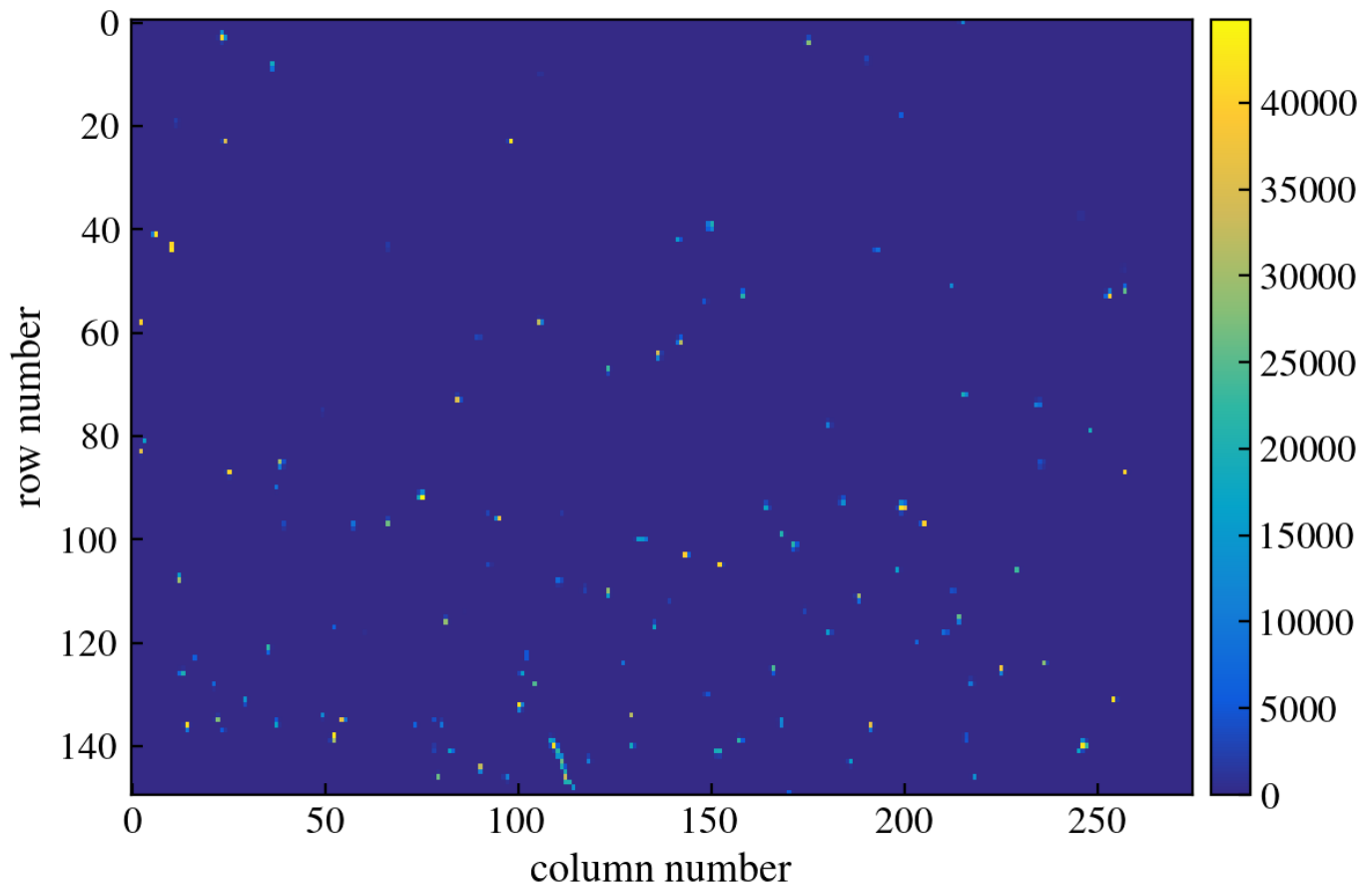


Figure 321: CCD Image

CCD Image: run 147, image 36  
[class MECCDImage]

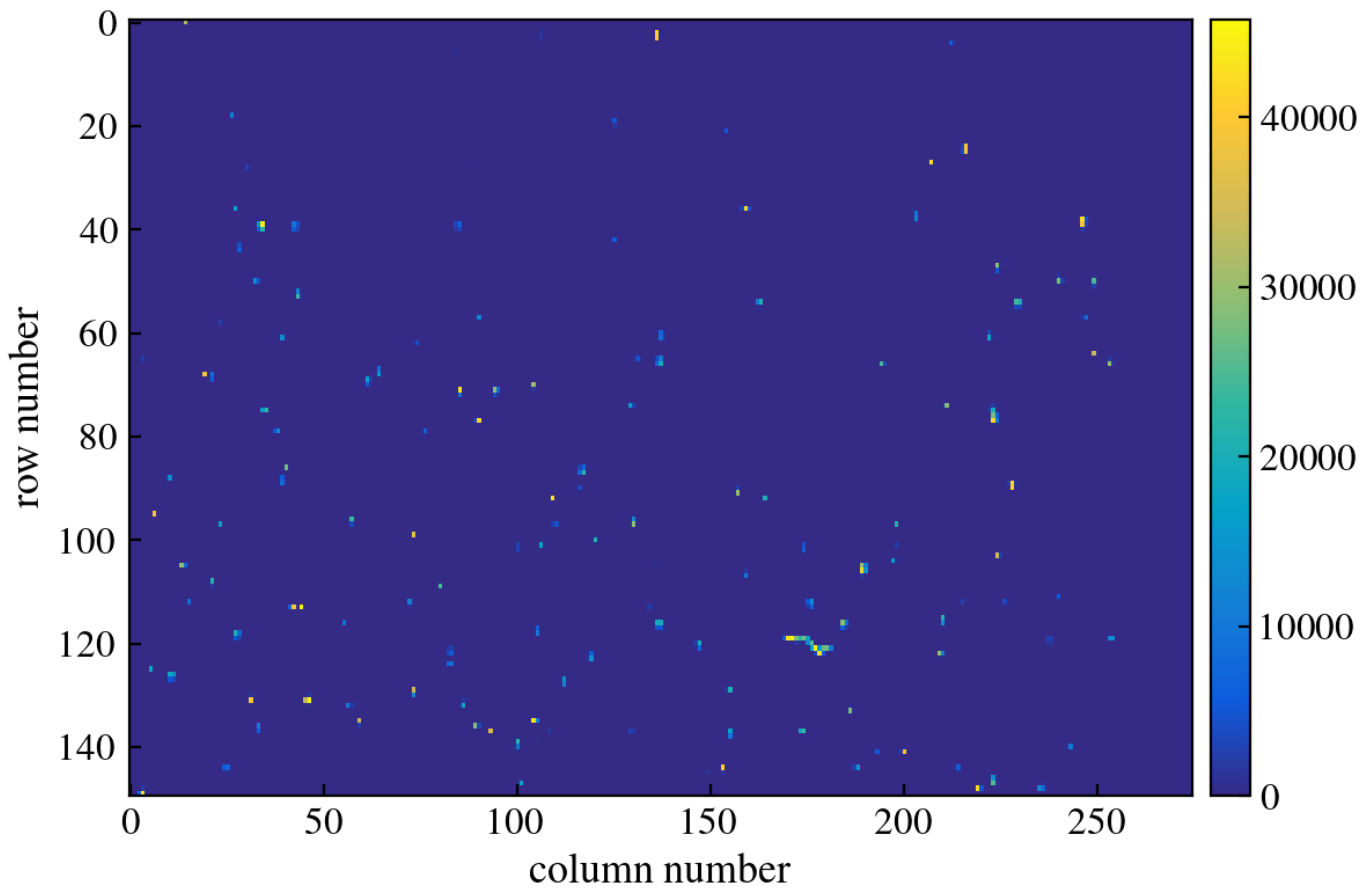


Figure 322: CCD Image

CCD Image: run 147, image 360  
[class MECCDImage]

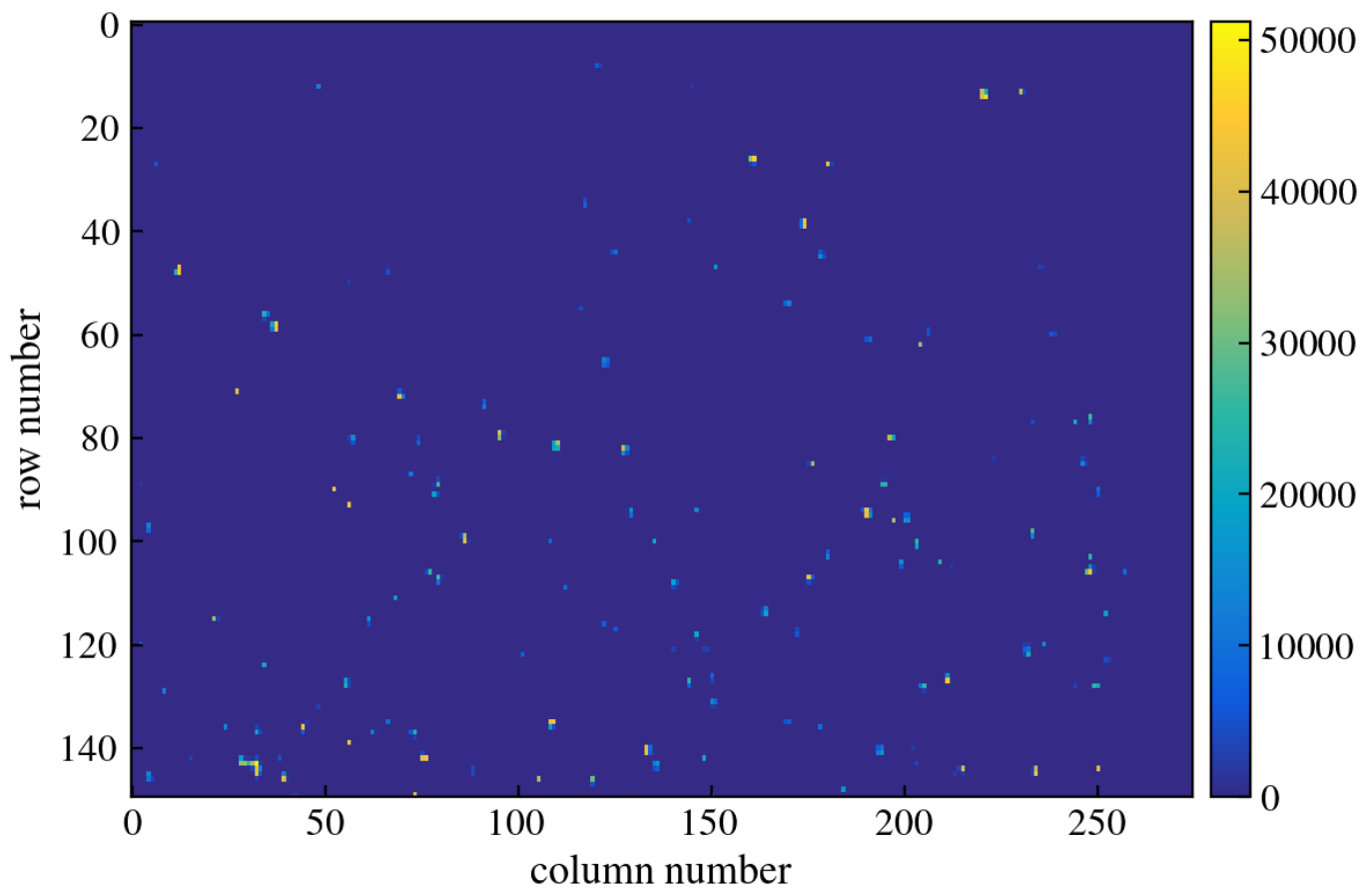


Figure 323: CCD Image



CCD Image: run 147, image 361  
[class MECCDImage]

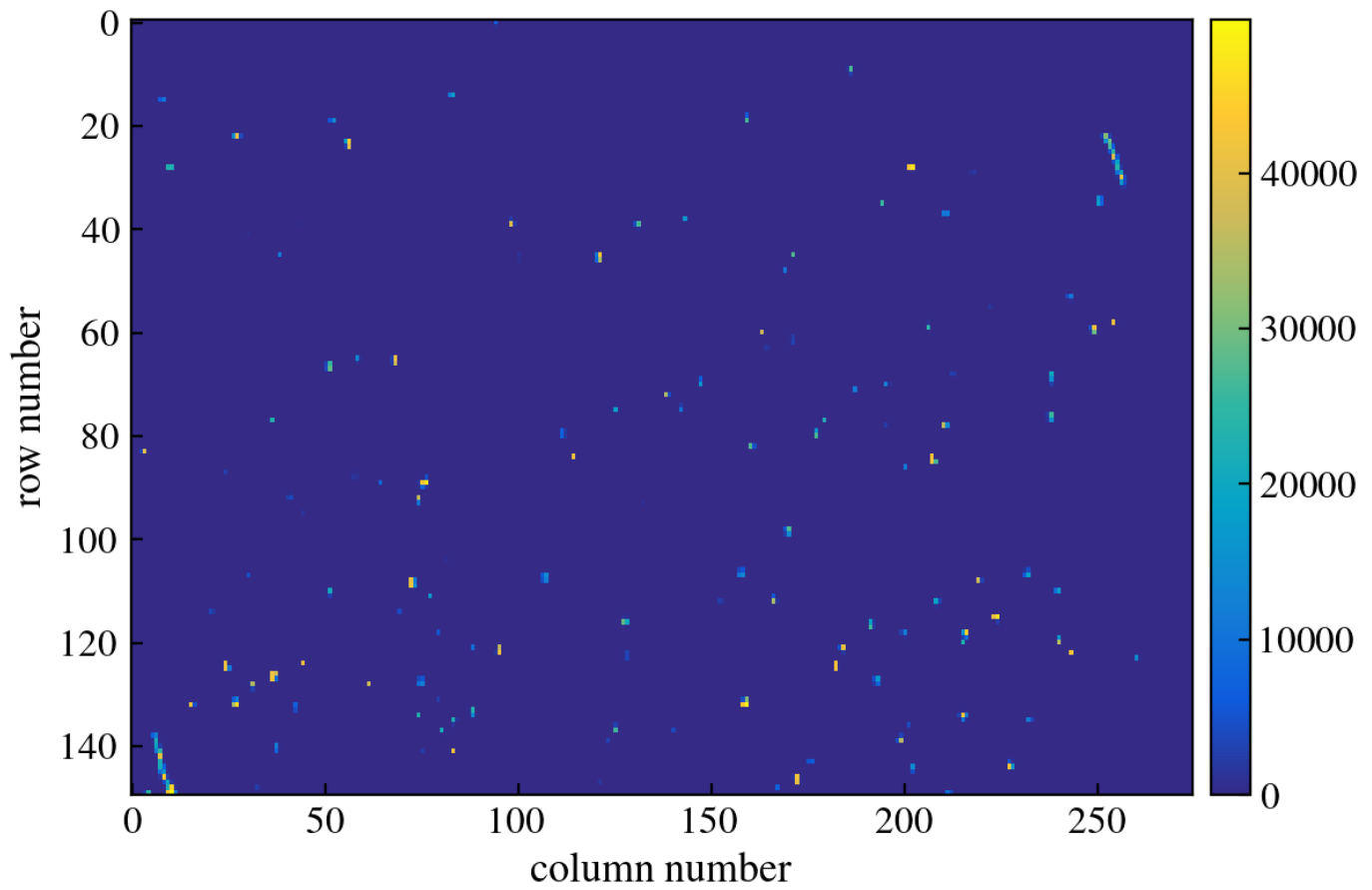


Figure 324: CCD Image

CCD Image: run 147, image 362  
[class MECCDImage]

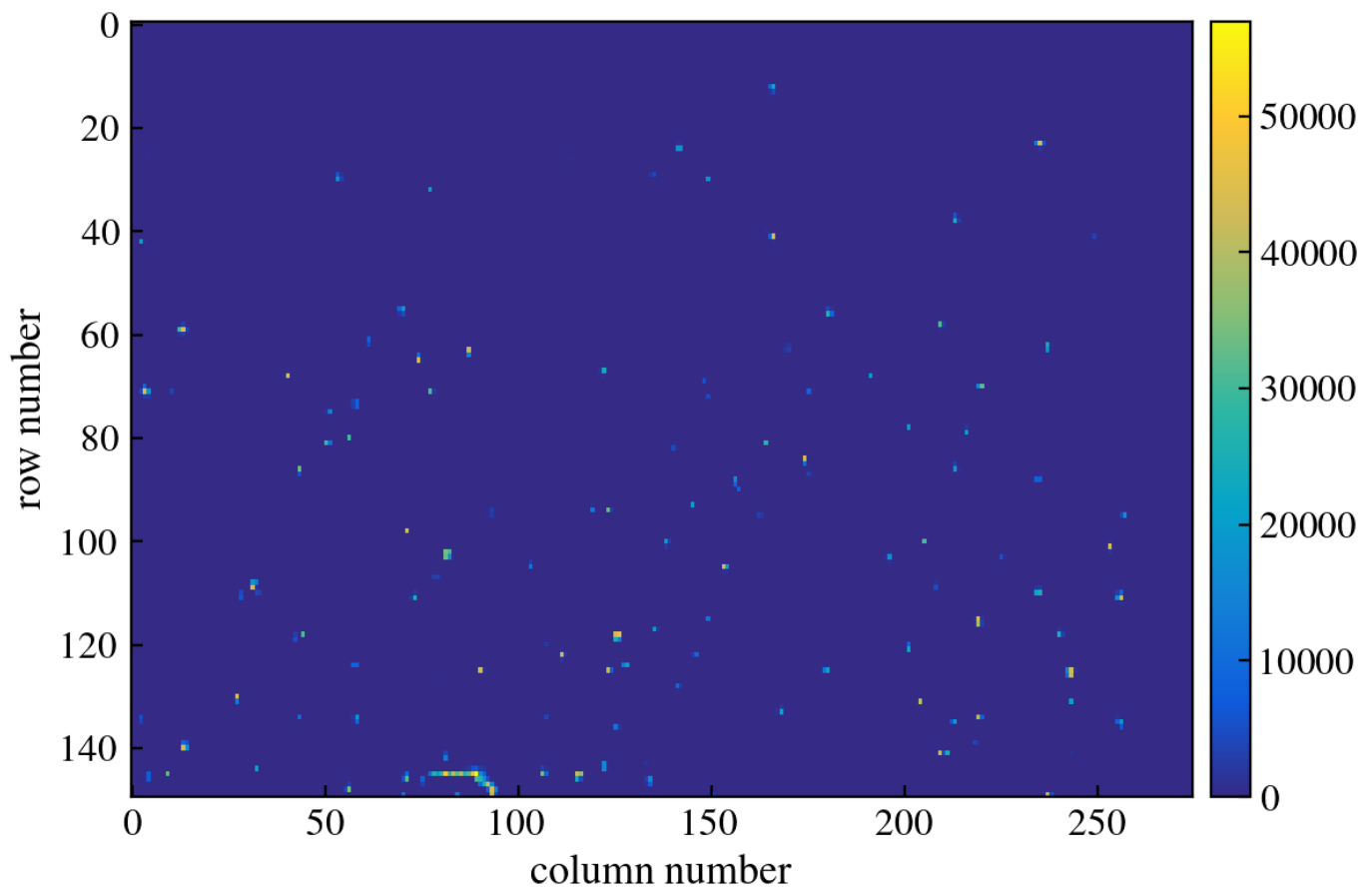


Figure 325: CCD Image

CCD Image: run 147, image 363  
[class MECCDImage]

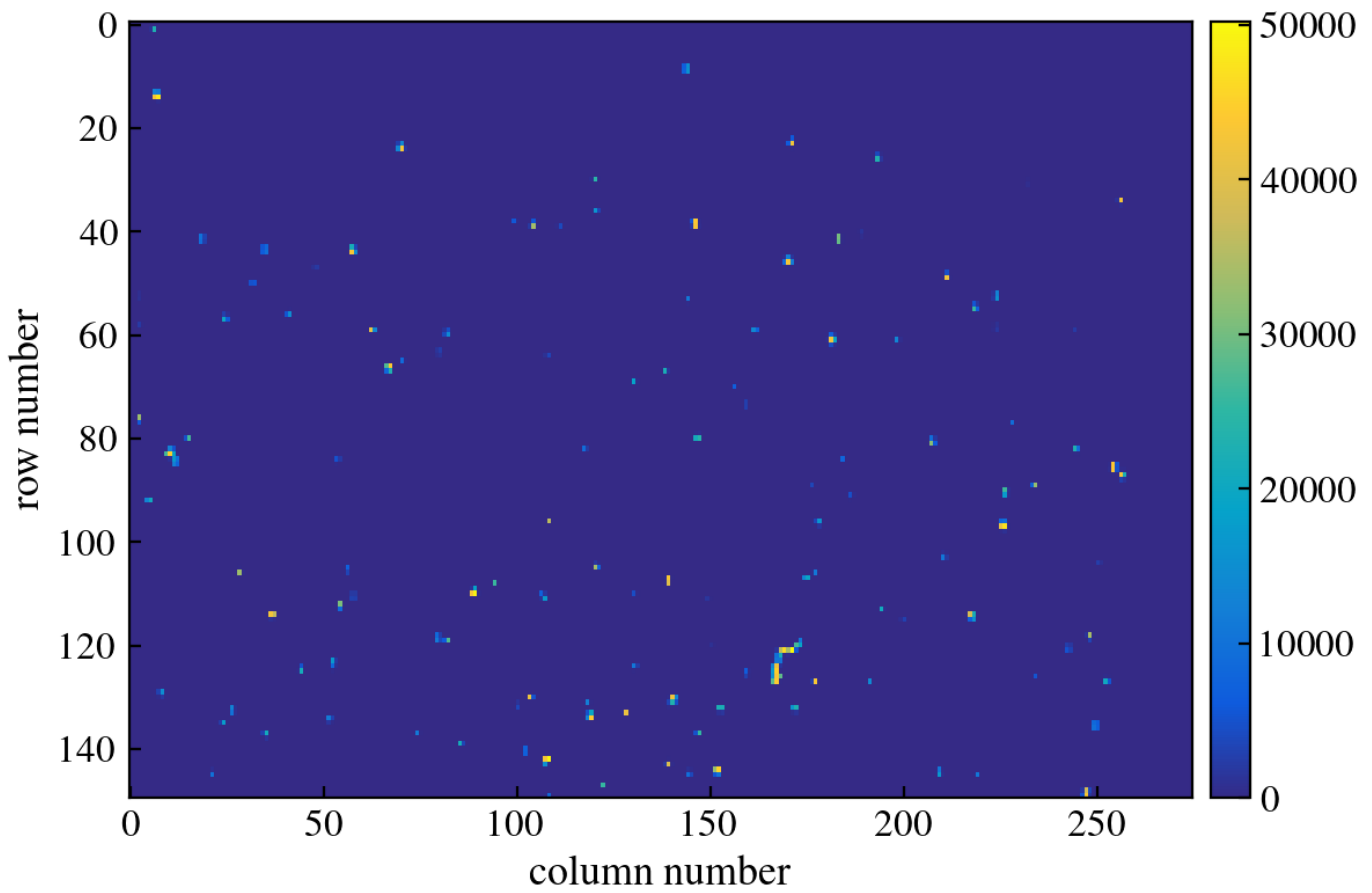


Figure 326: CCD Image

CCD Image: run 147, image 364  
[class MECCDImage]

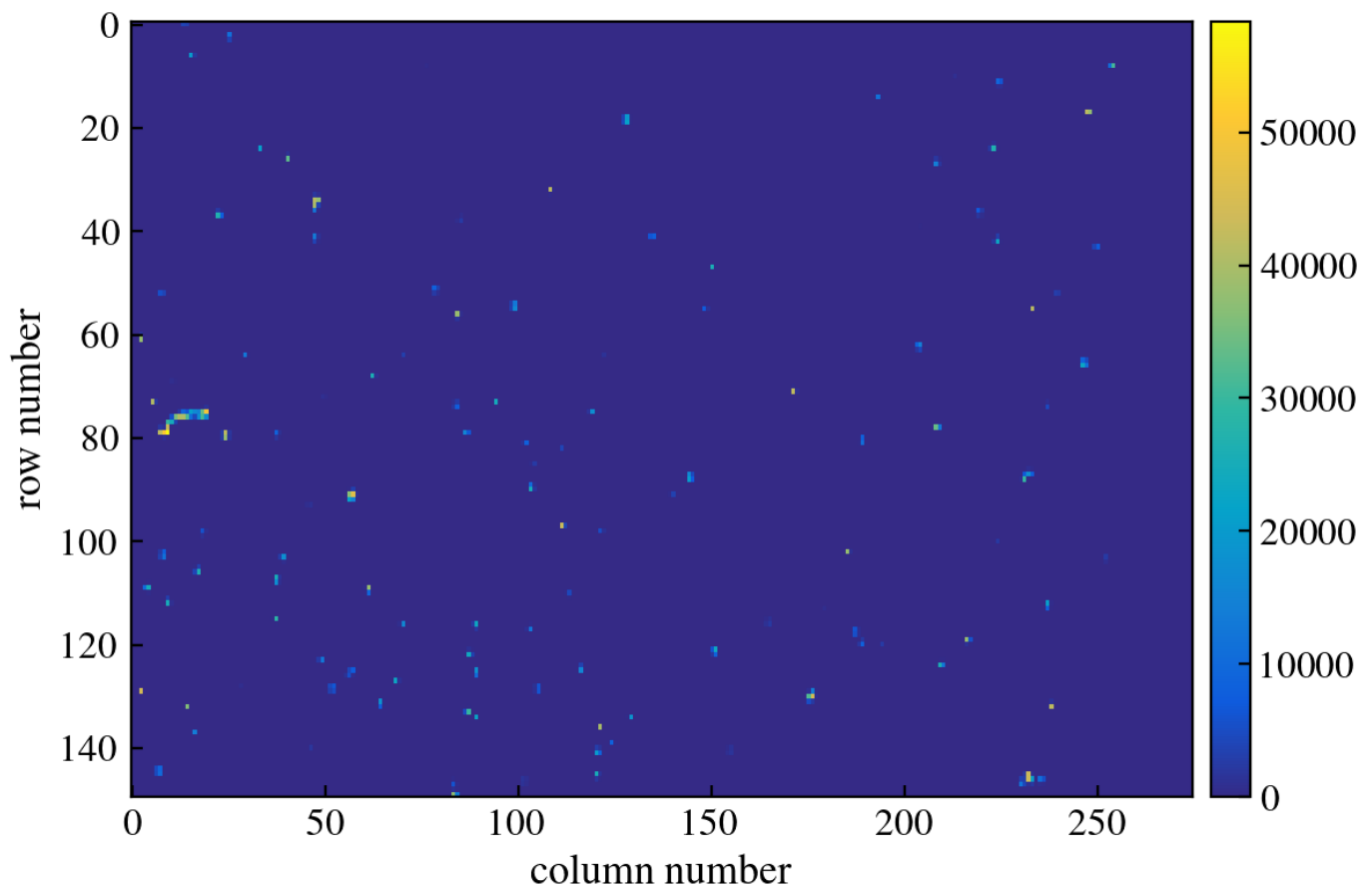


Figure 327: CCD Image

CCD Image: run 147, image 365  
[class MECCDImage]

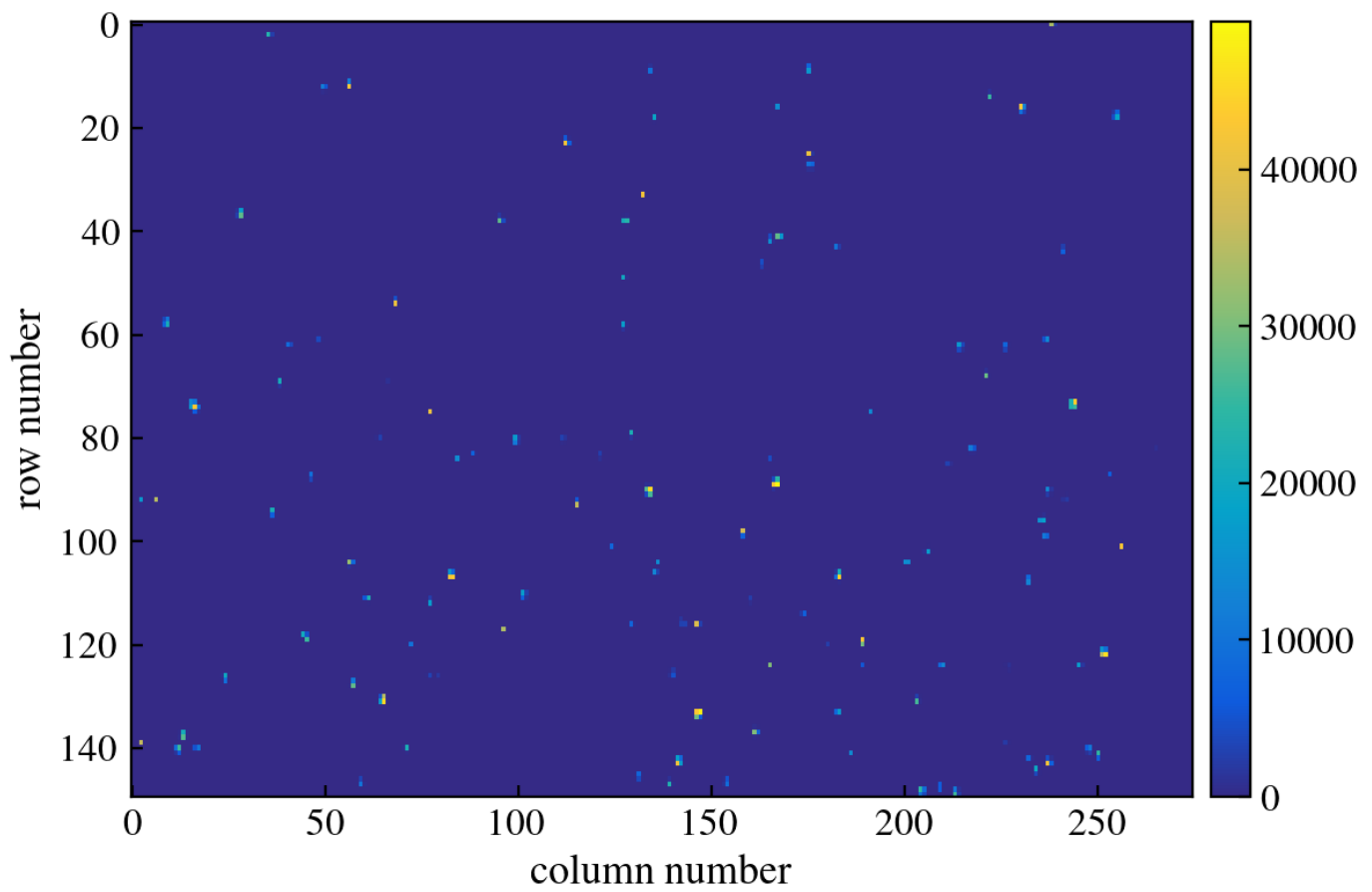


Figure 328: CCD Image

CCD Image: run 147, image 366  
[class MECCDImage]

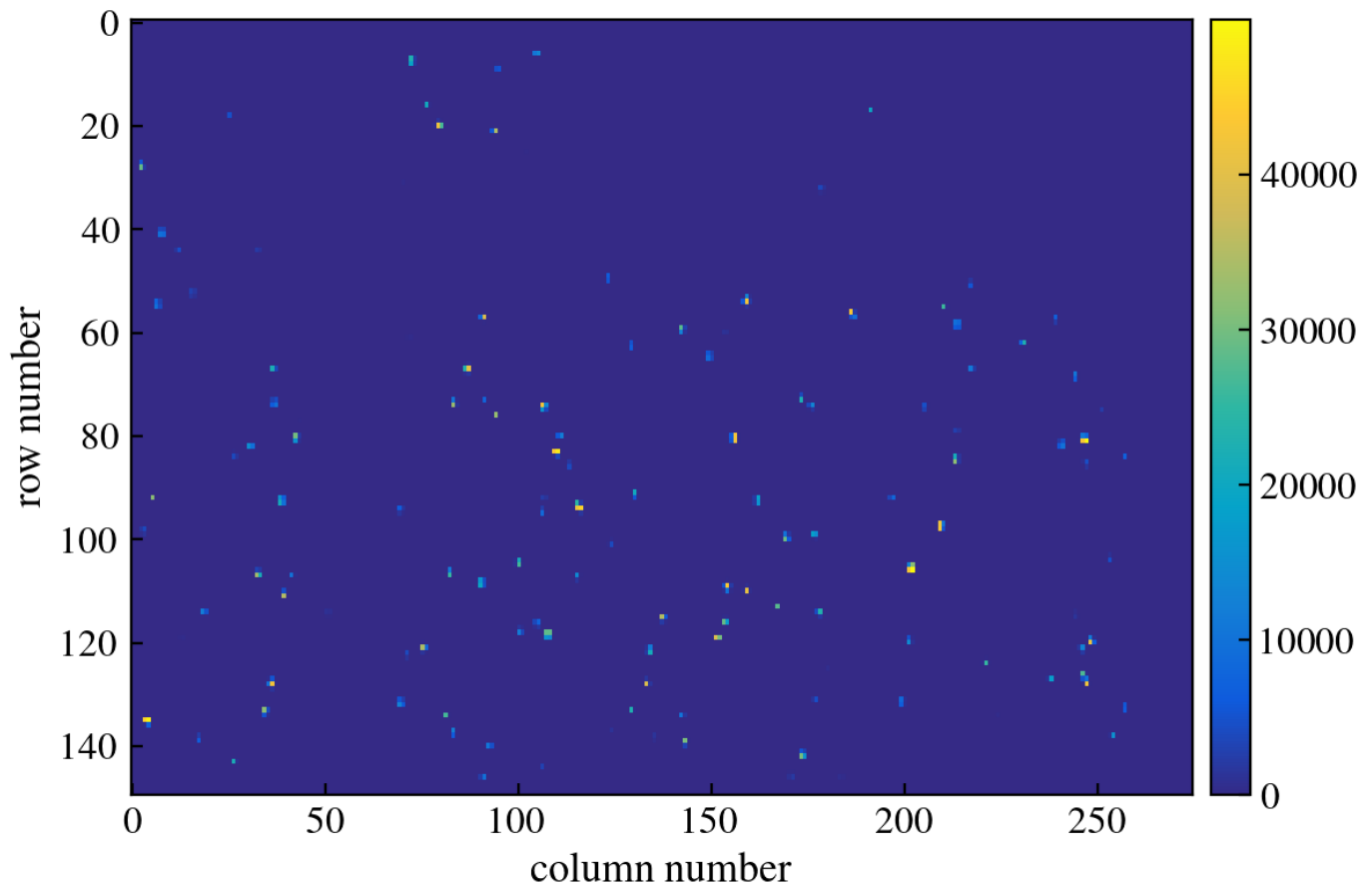


Figure 329: CCD Image

CCD Image: run 147, image 367  
[class MECCDImage]

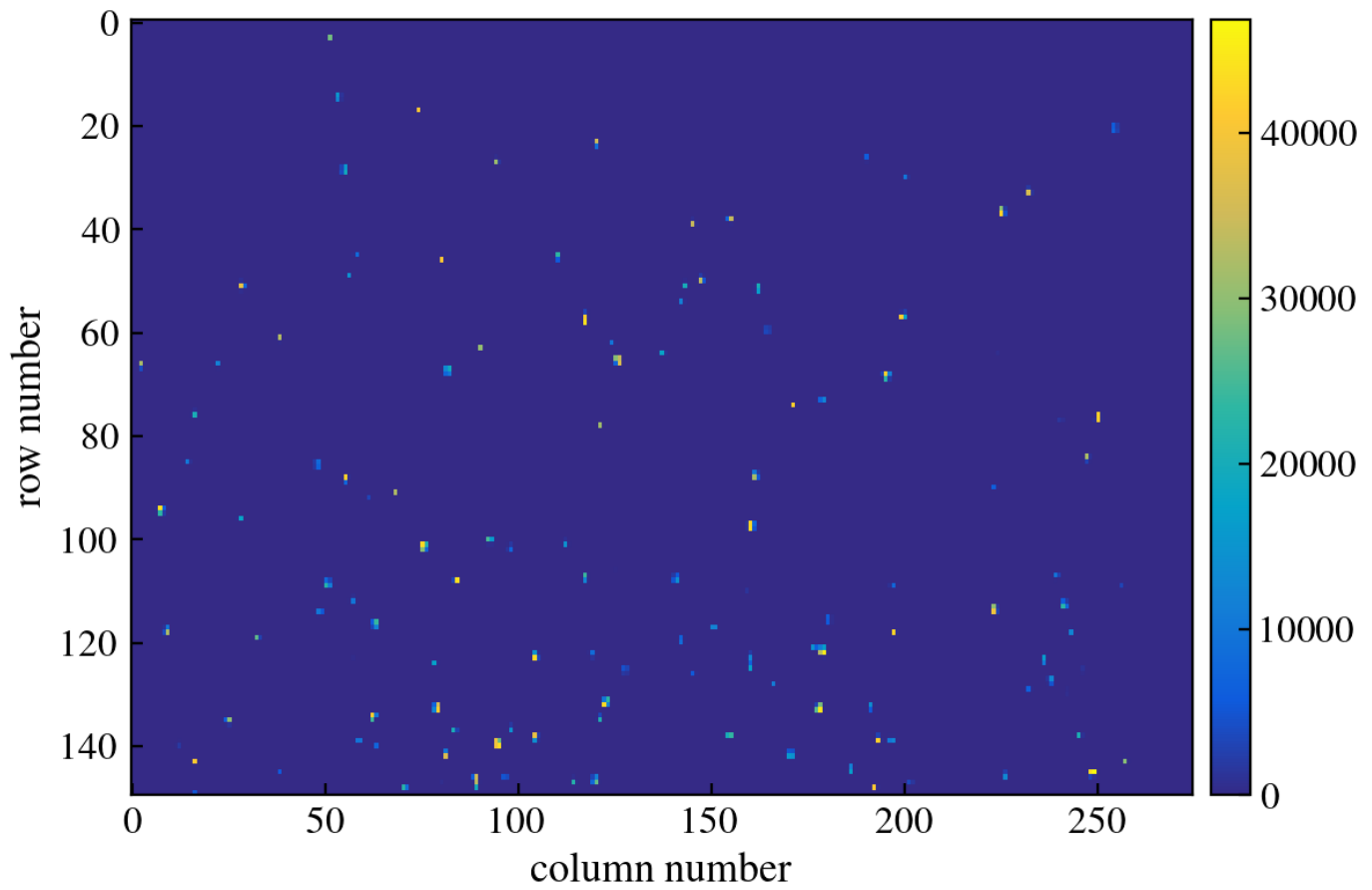


Figure 330: CCD Image

CCD Image: run 147, image 368  
[class MECCDImage]

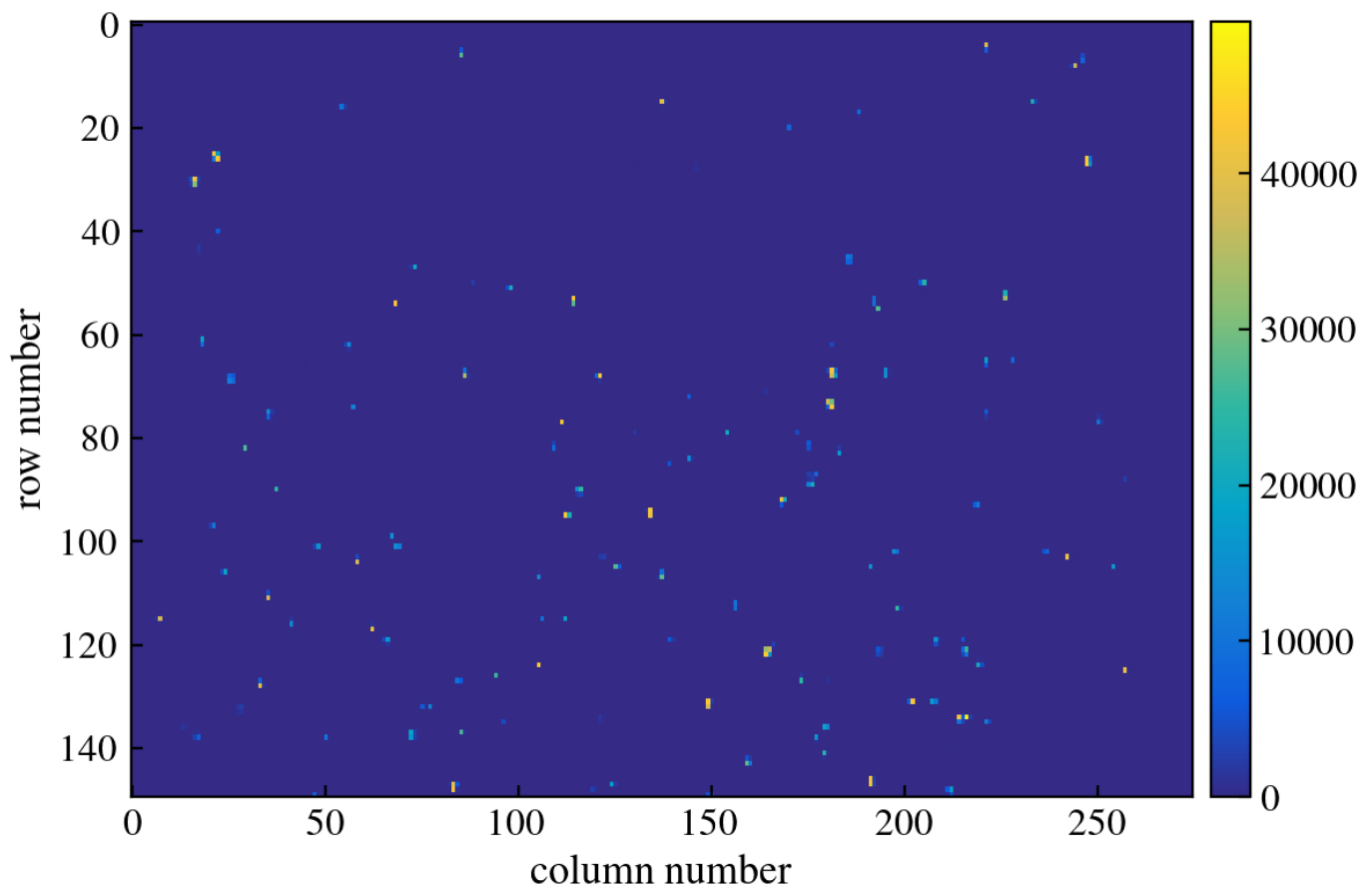


Figure 331: CCD Image



CCD Image: run 147, image 369  
[class MECCDImage]

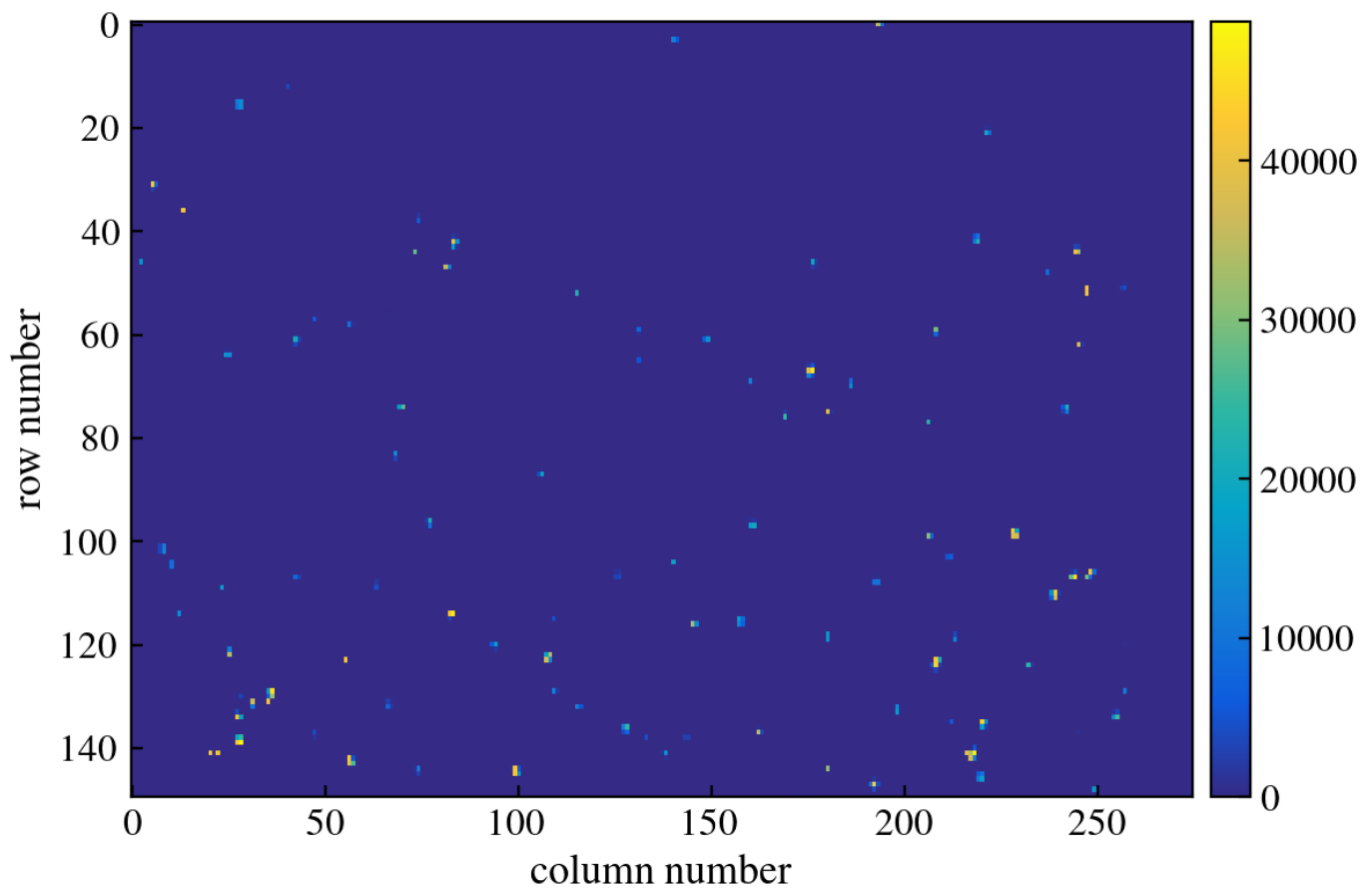


Figure 332: CCD Image

CCD Image: run 147, image 37  
[class MECCDImage]

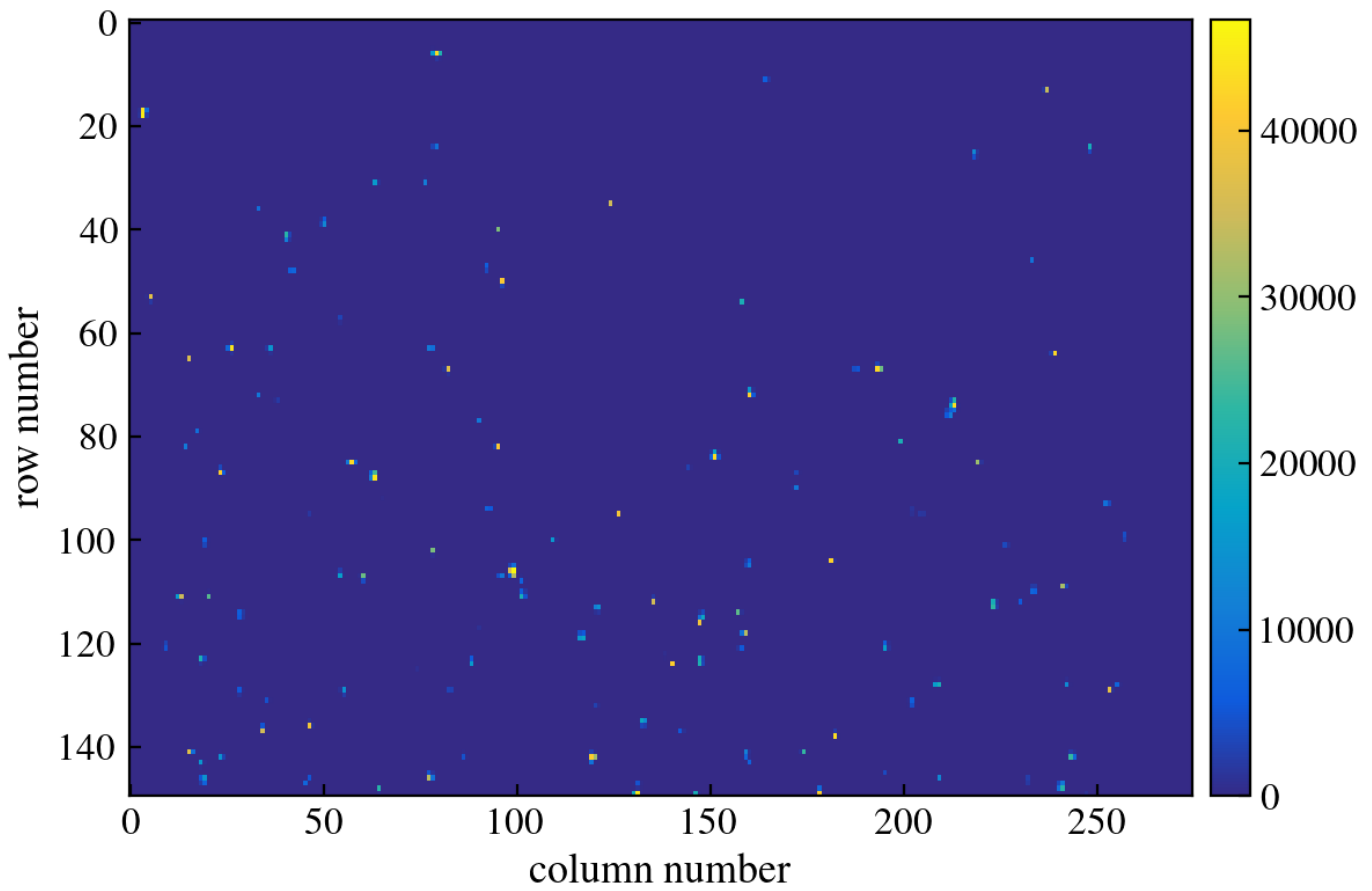


Figure 333: CCD Image

CCD Image: run 147, image 370  
[class MECCDImage]

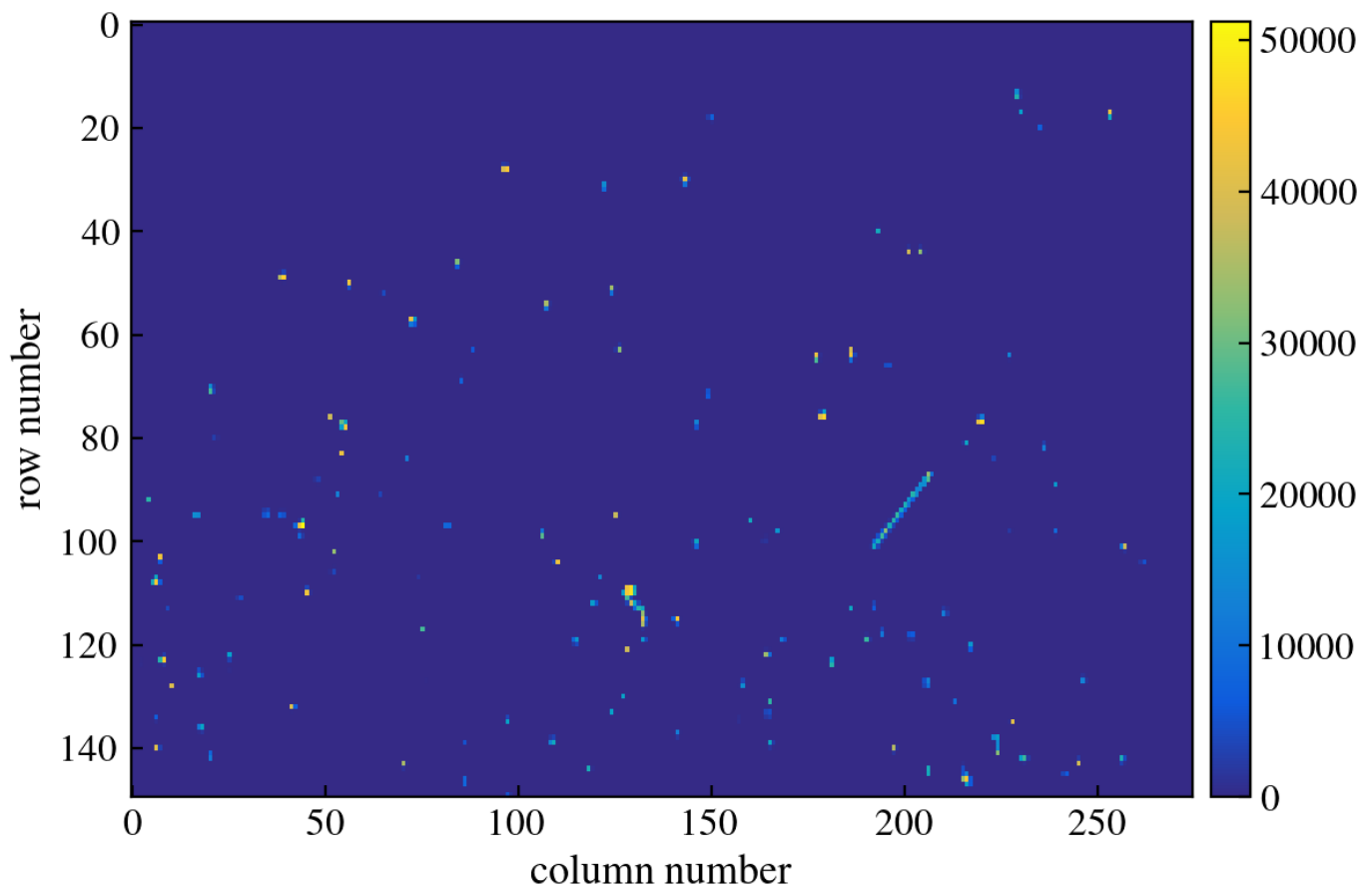


Figure 334: CCD Image

CCD Image: run 147, image 371  
[class MECCDImage]

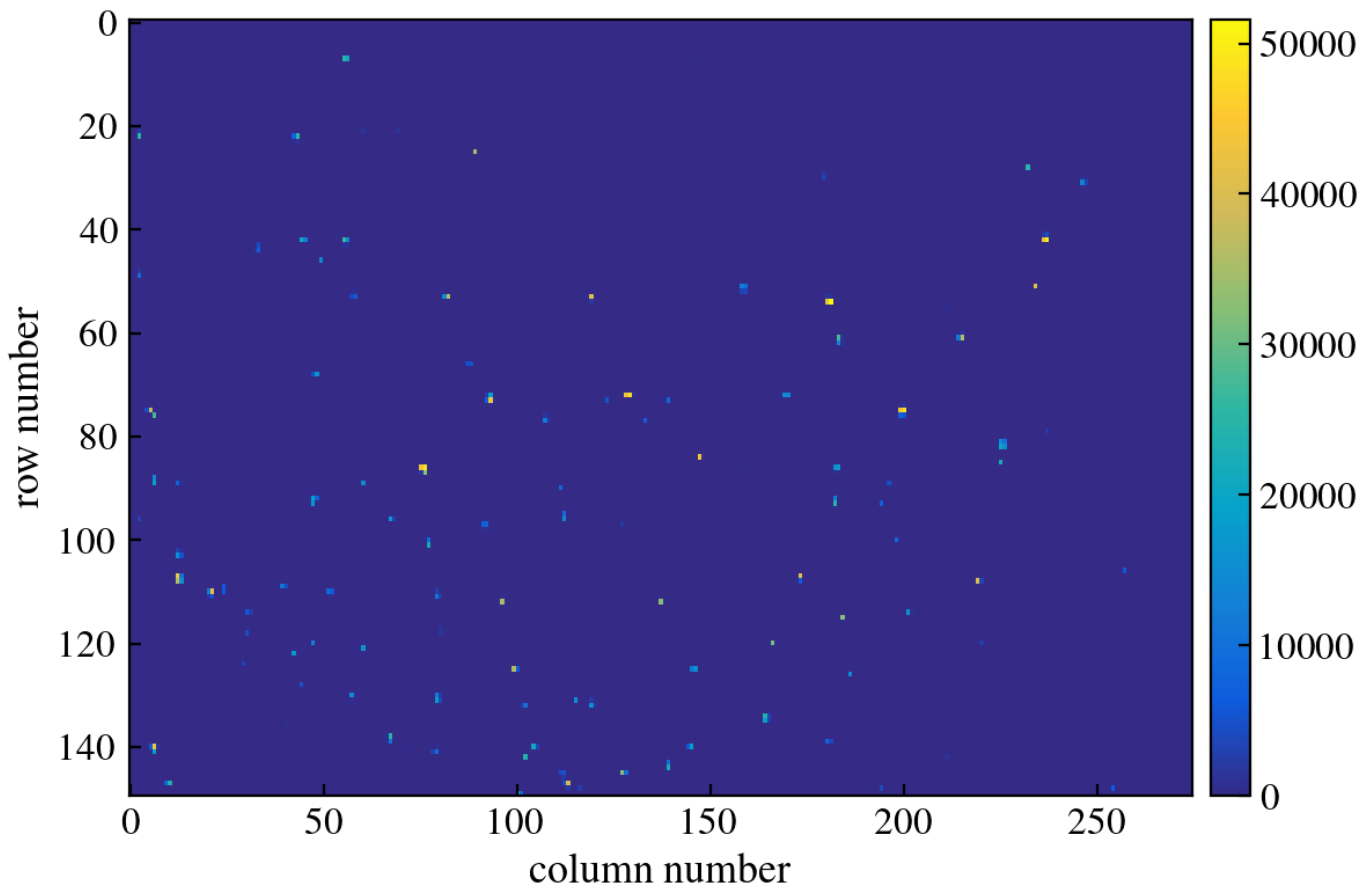


Figure 335: CCD Image

CCD Image: run 147, image 372  
[class MECCDImage]

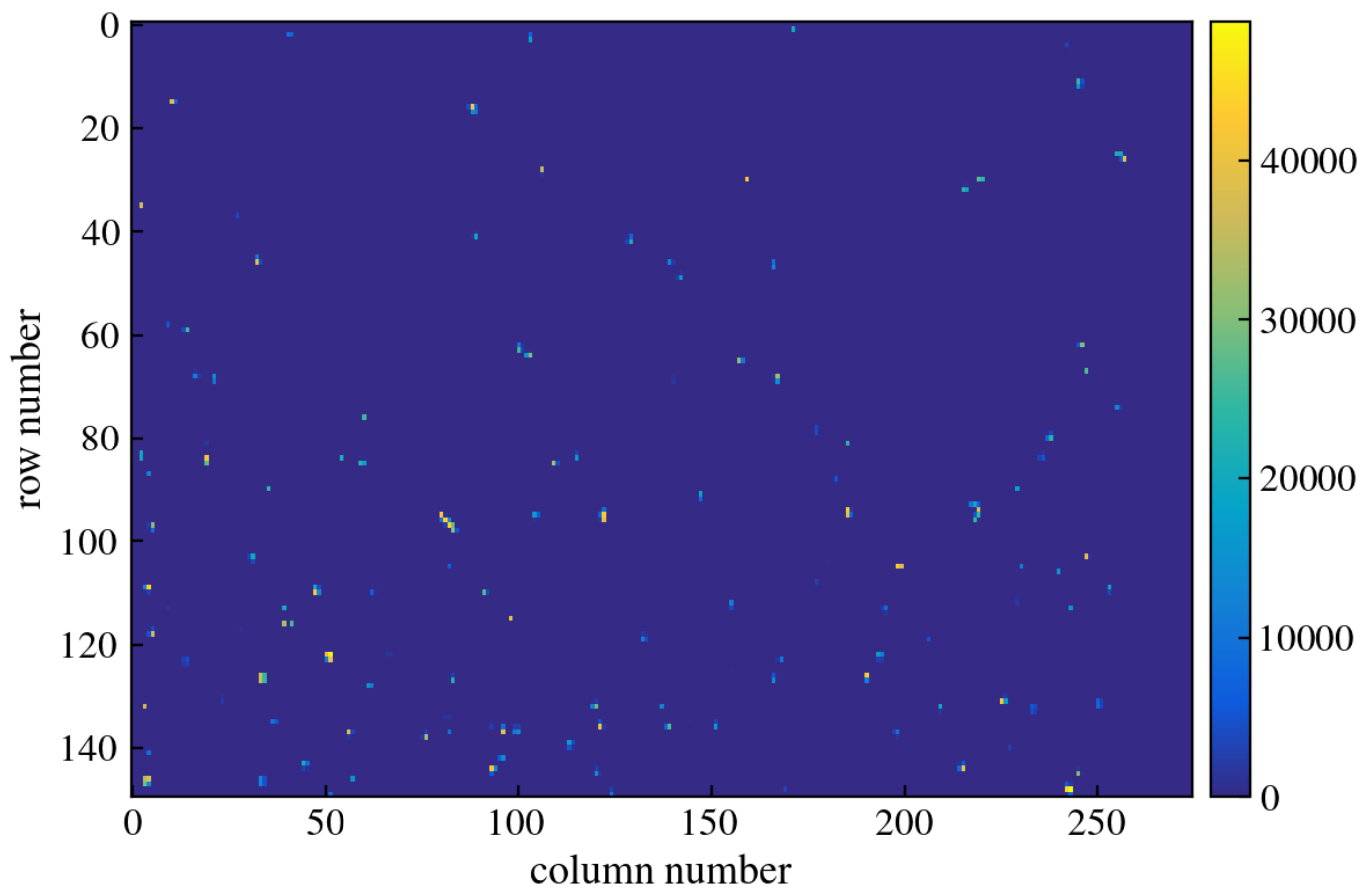


Figure 336: CCD Image

CCD Image: run 147, image 373  
[class MECCDImage]

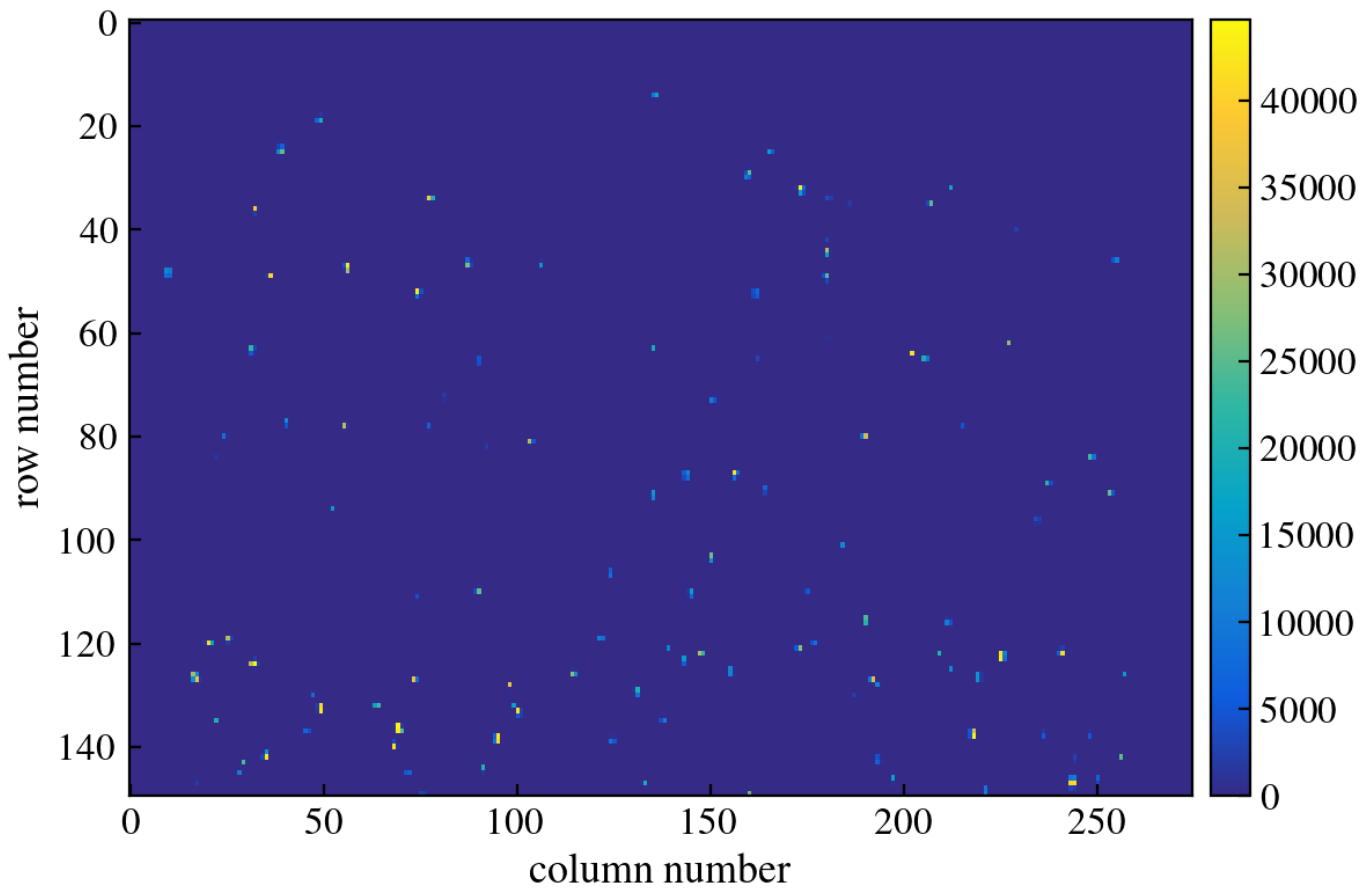


Figure 337: CCD Image

CCD Image: run 147, image 374  
[class MECCDImage]

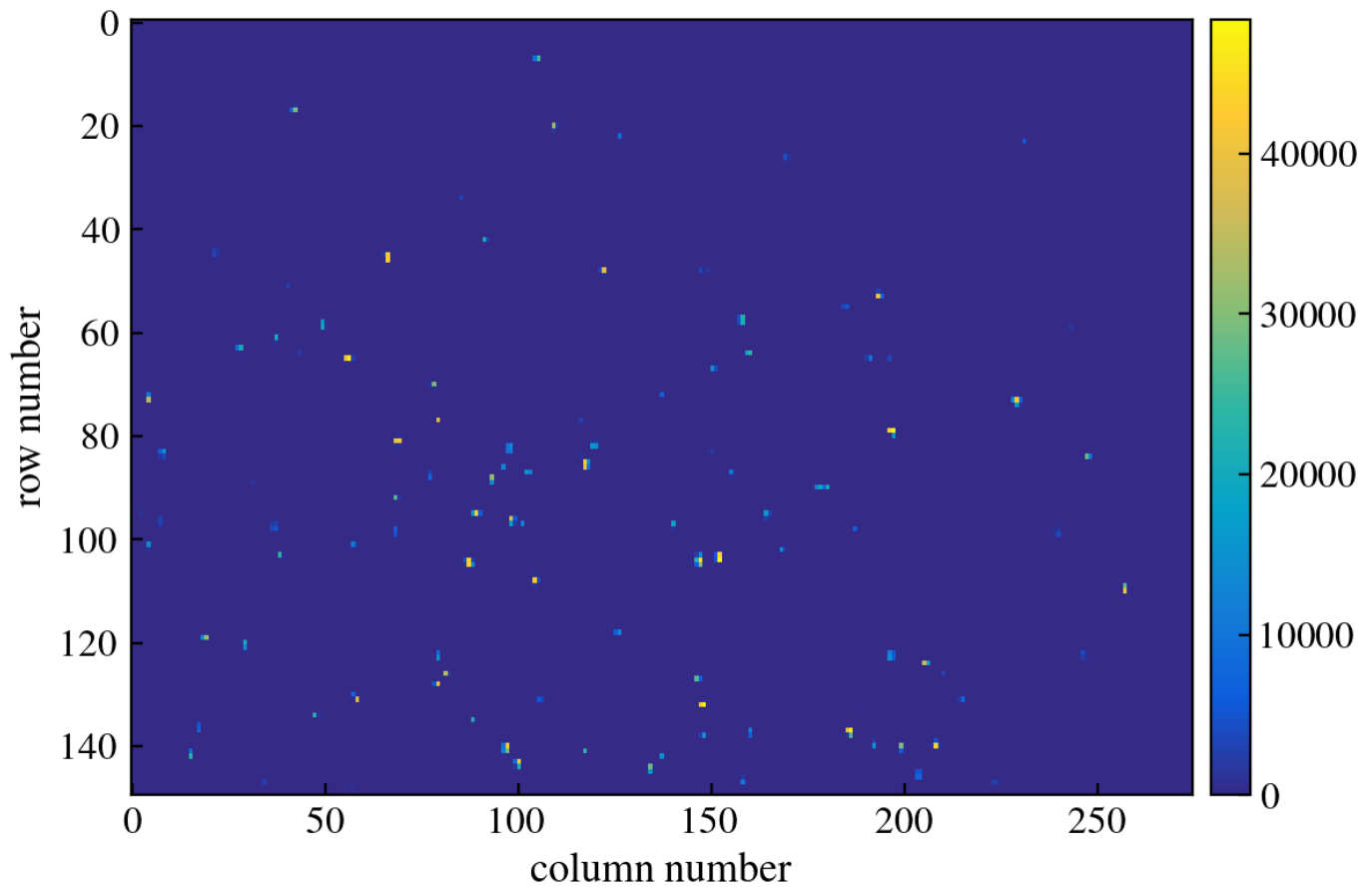


Figure 338: CCD Image

CCD Image: run 147, image 375  
[class MECCDImage]

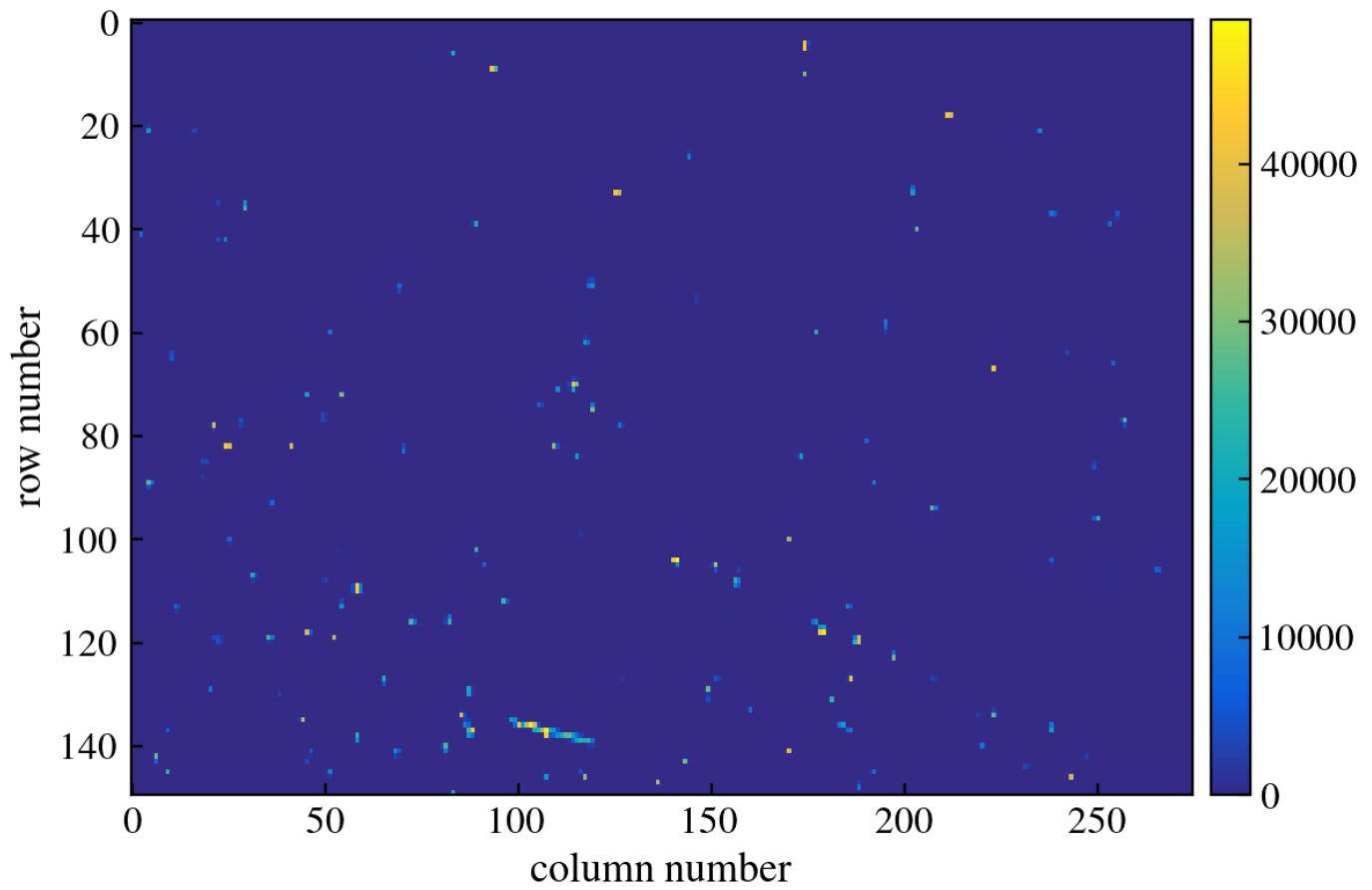


Figure 339: CCD Image



CCD Image: run 147, image 376  
[class MECCDImage]

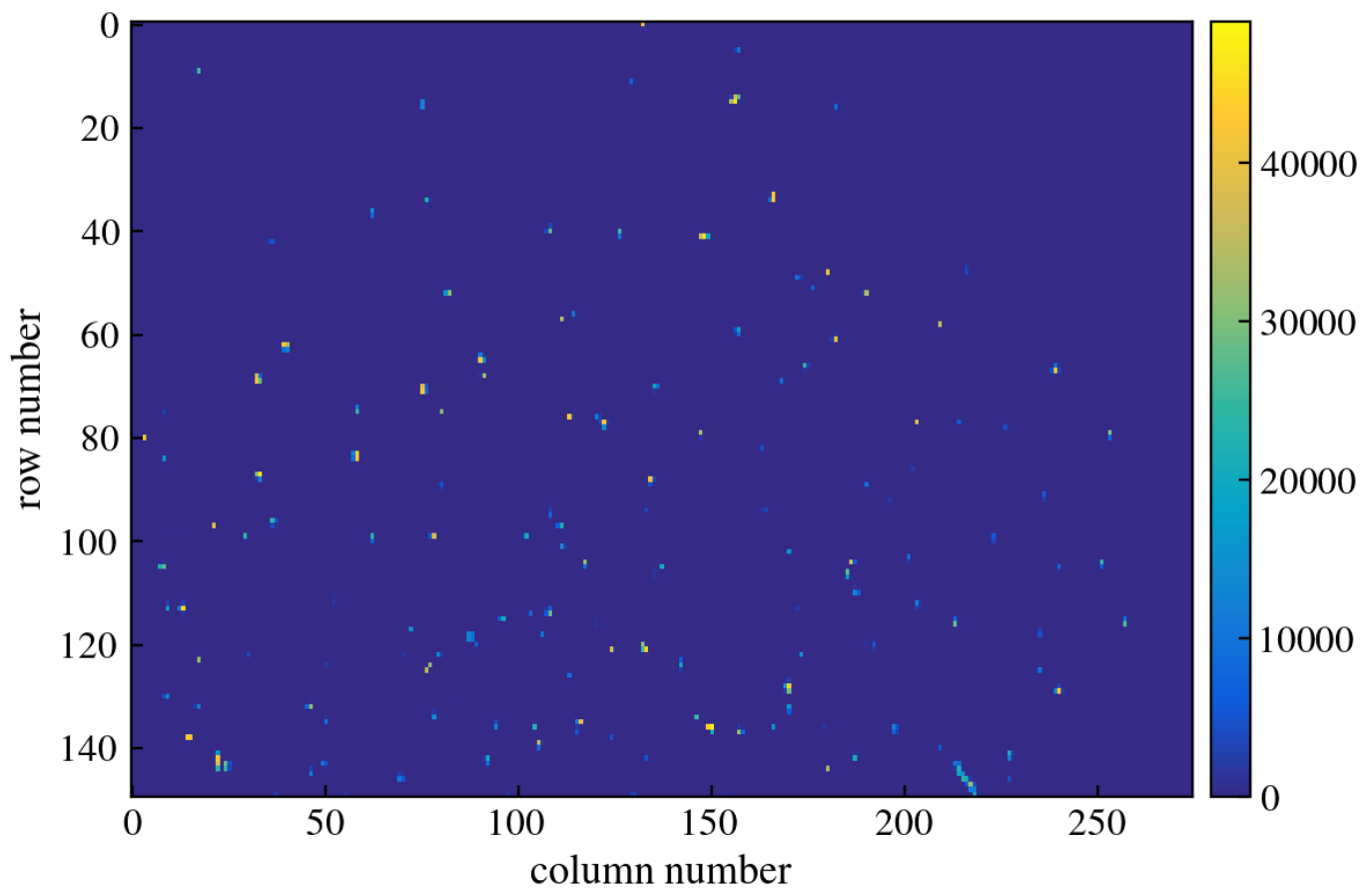


Figure 340: CCD Image

CCD Image: run 147, image 377  
[class MECCDImage]

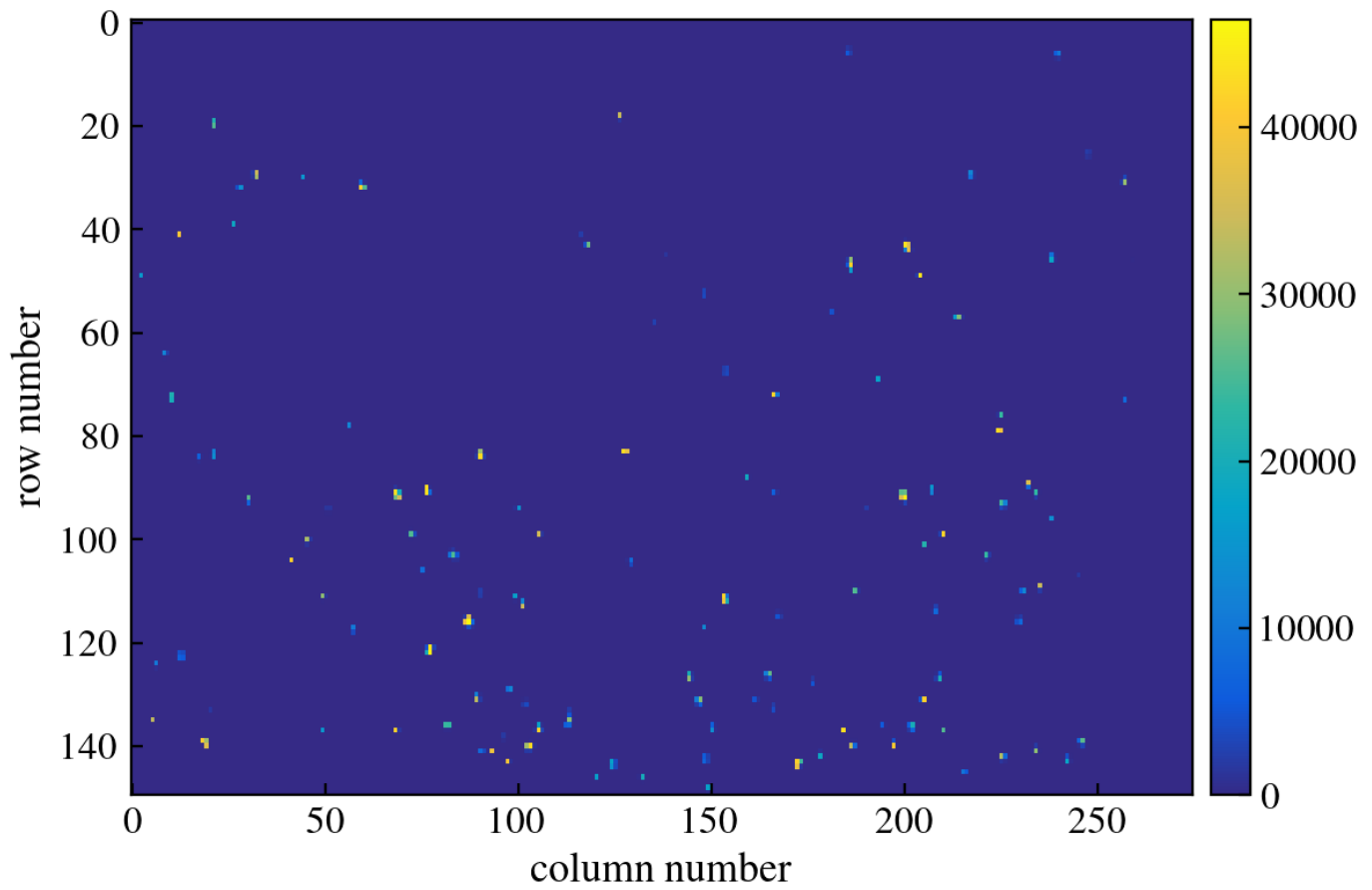


Figure 341: CCD Image

CCD Image: run 147, image 378  
[class MECCDImage]

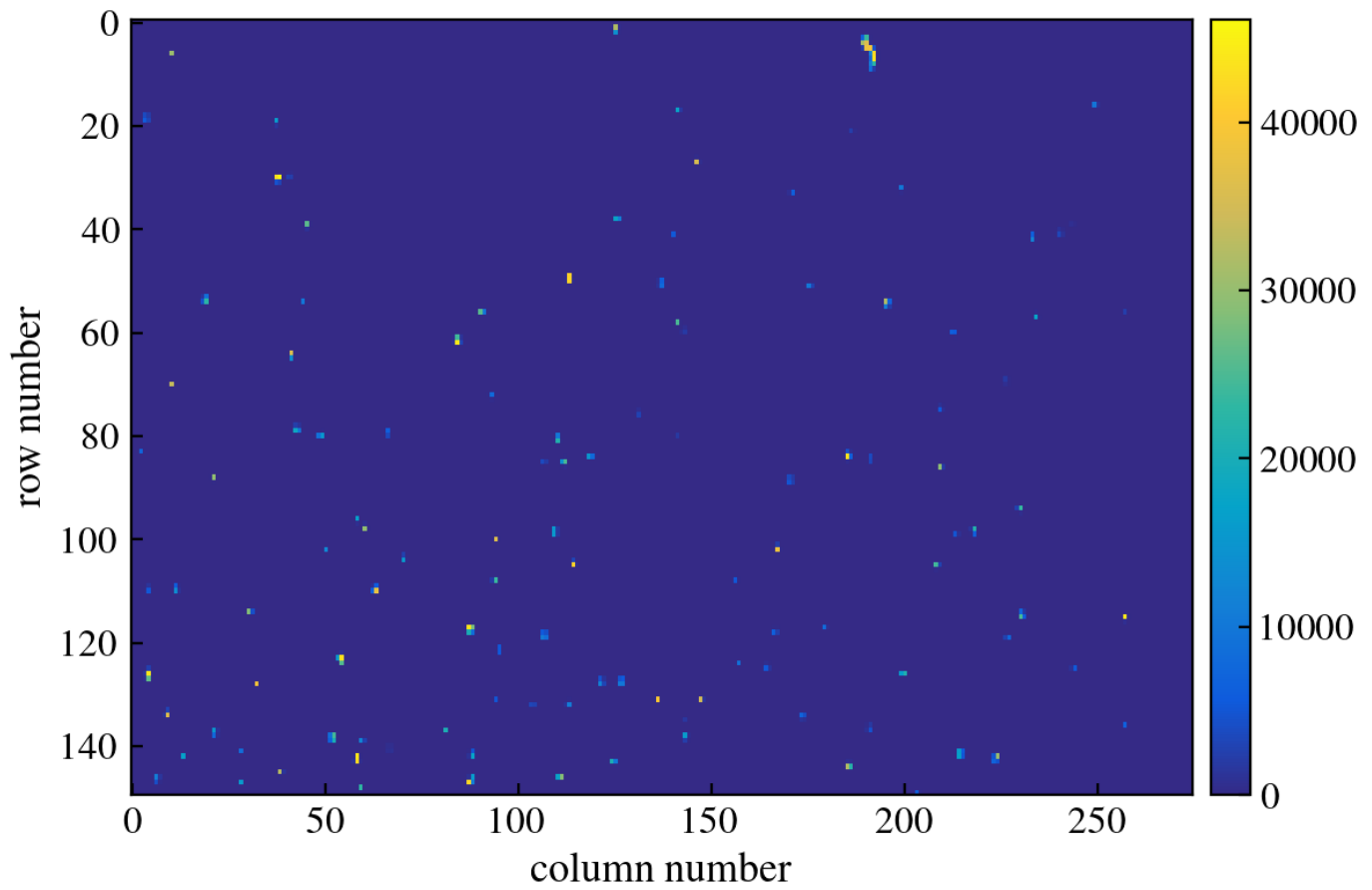


Figure 342: CCD Image

CCD Image: run 147, image 379  
[class MECCDImage]

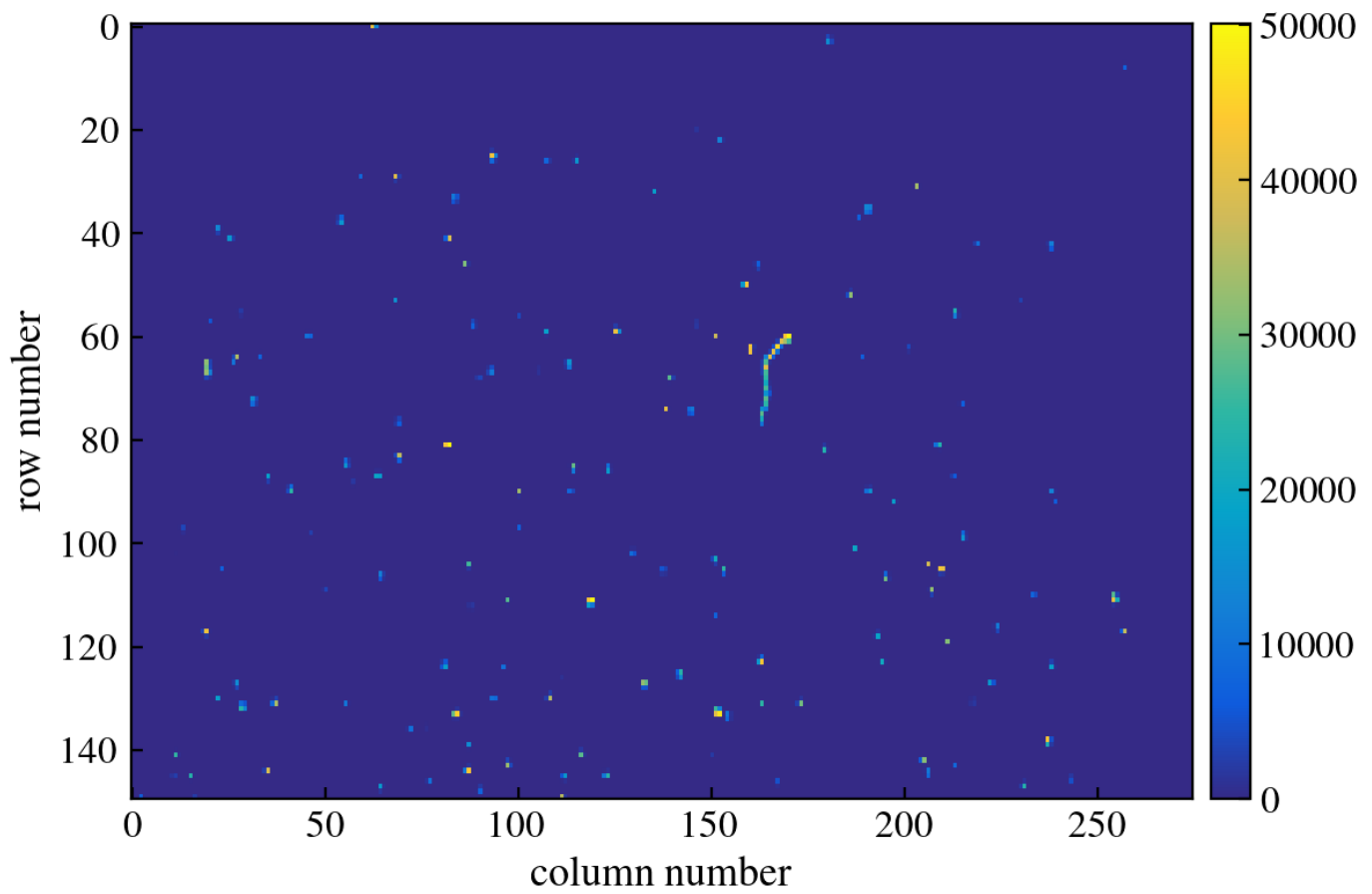


Figure 343: CCD Image

CCD Image: run 147, image 38  
[class MECCDImage]

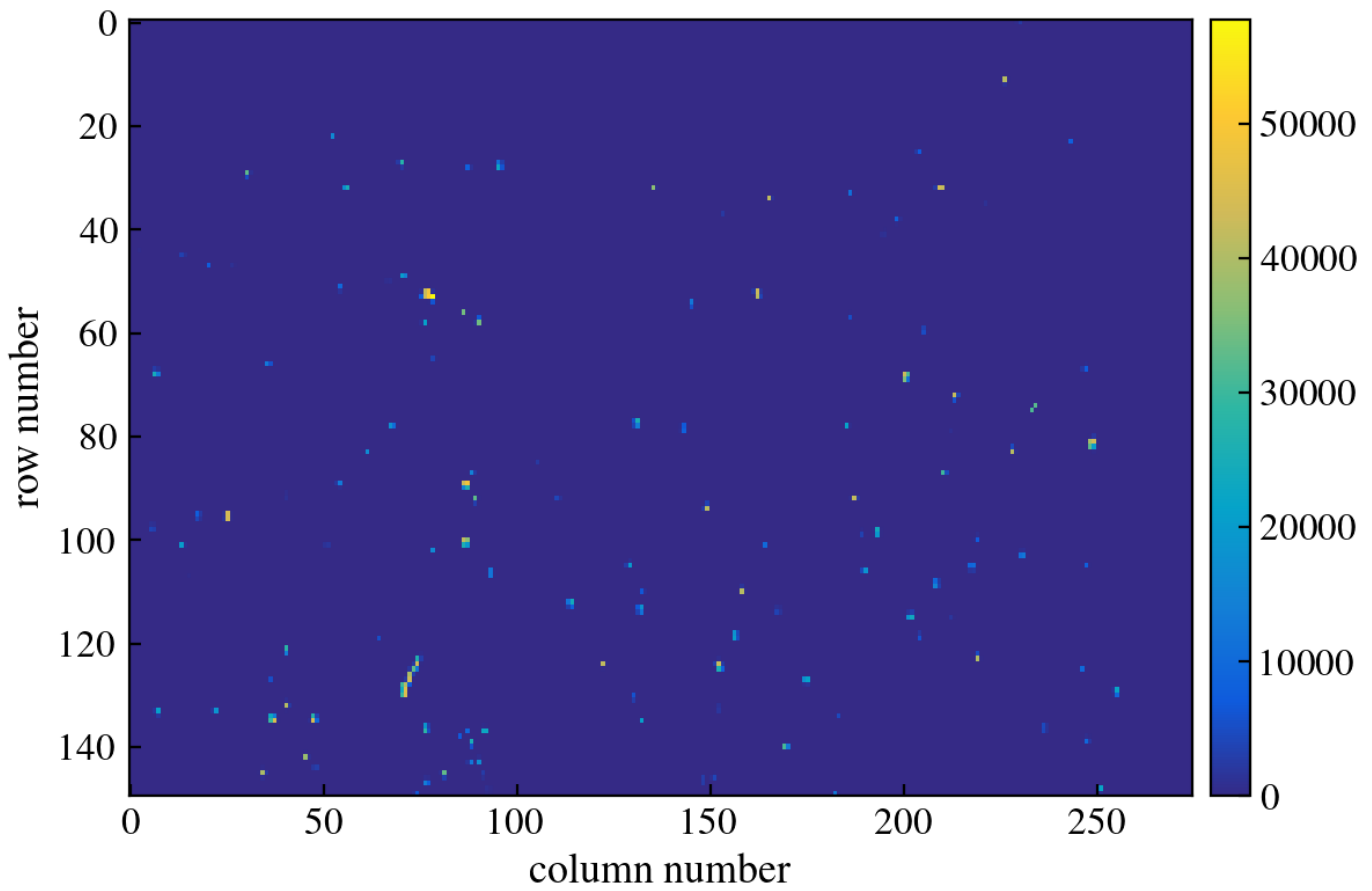


Figure 344: CCD Image

CCD Image: run 147, image 380  
[class MECCDImage]

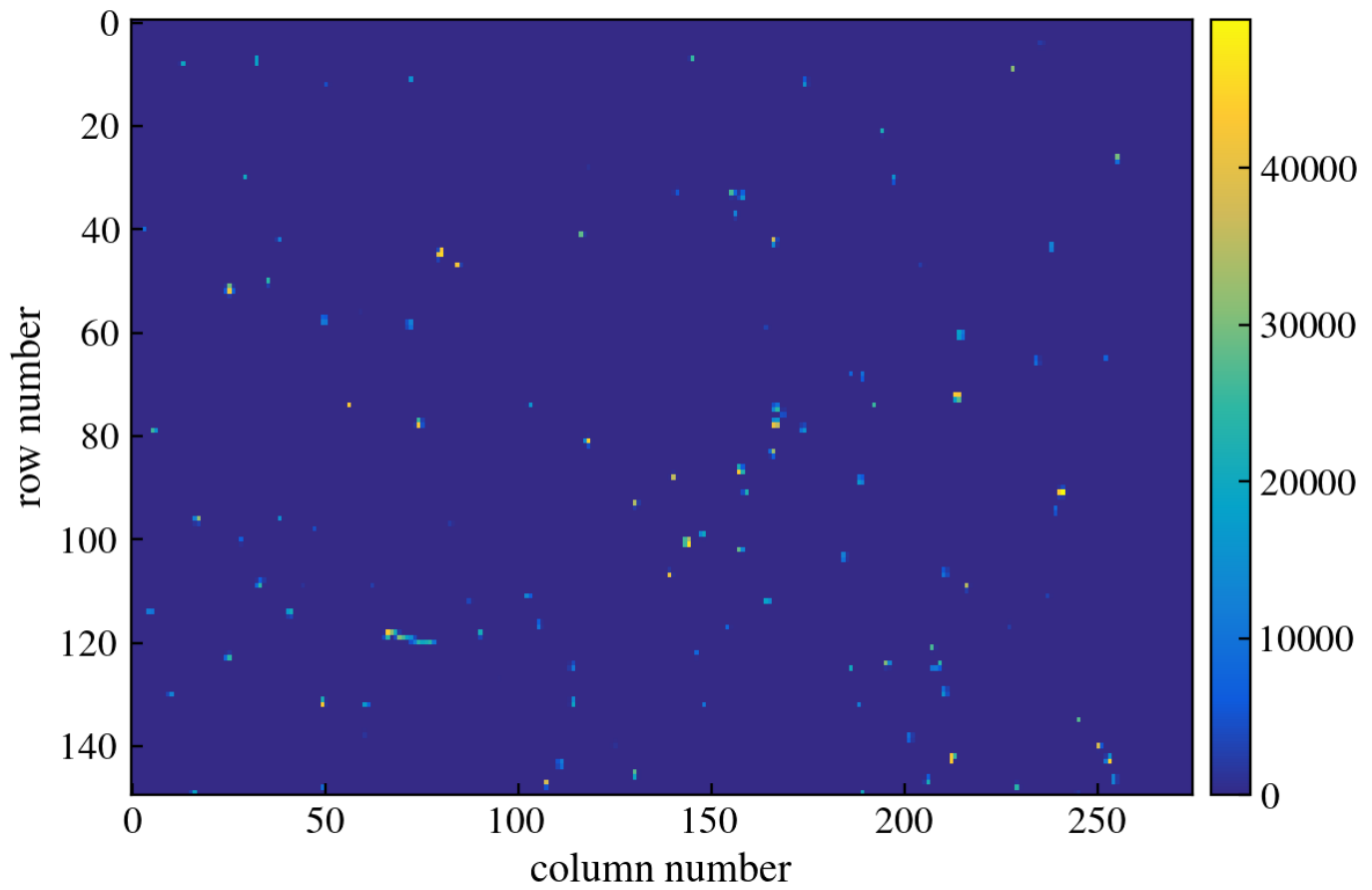


Figure 345: CCD Image

CCD Image: run 147, image 381  
[class MECCDImage]

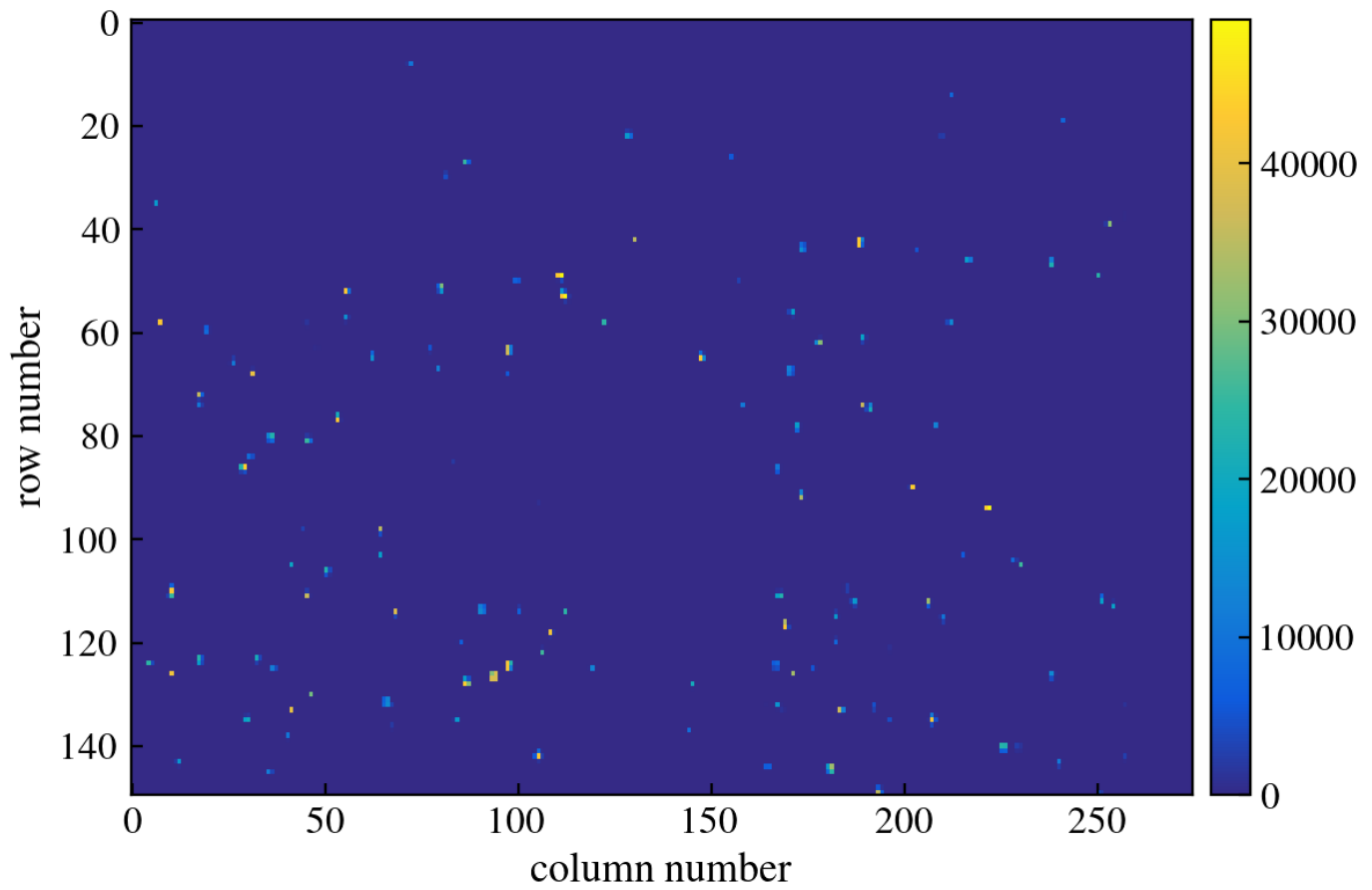


Figure 346: CCD Image

CCD Image: run 147, image 382  
[class MECCDImage]

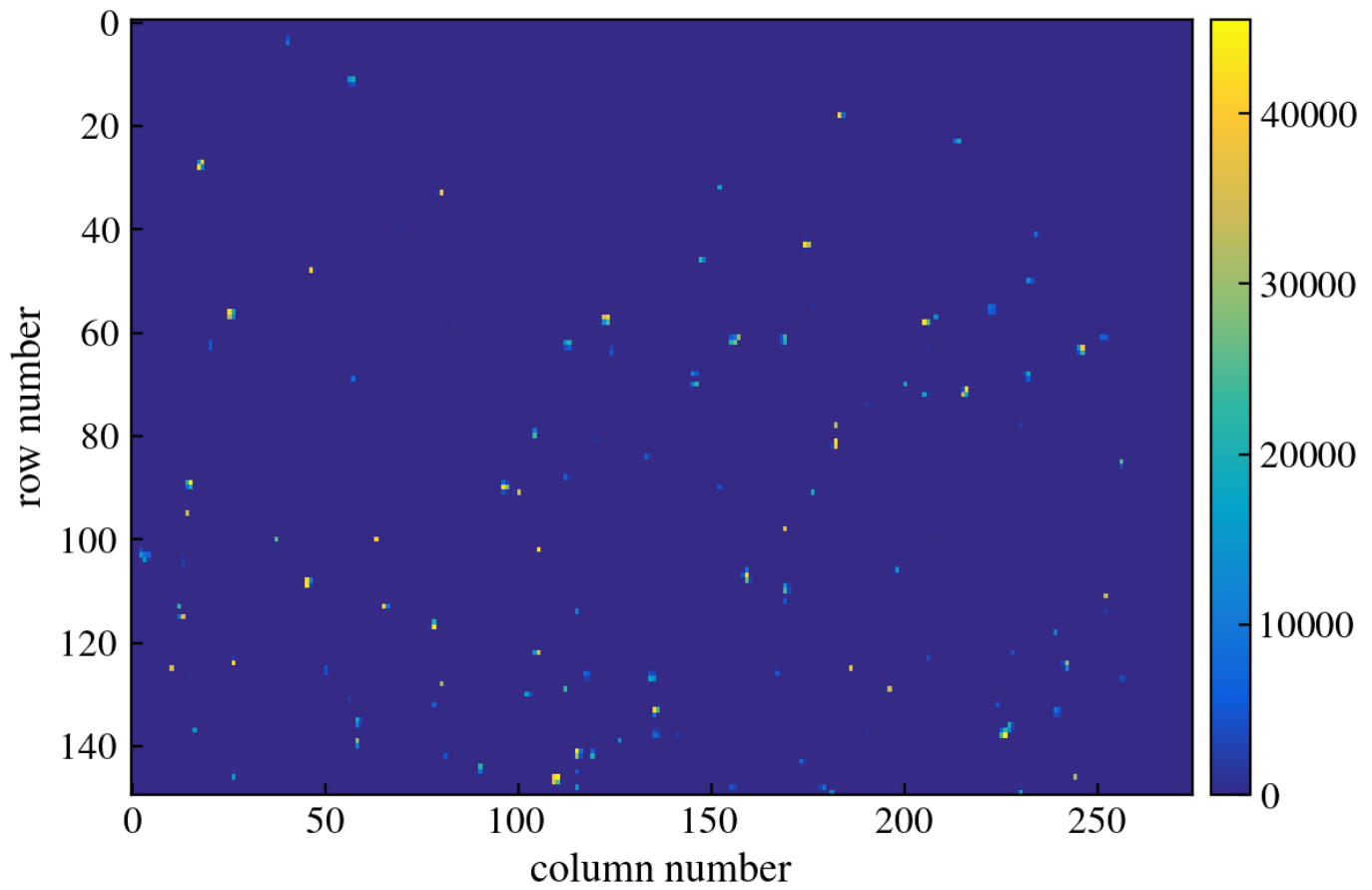


Figure 347: CCD Image



CCD Image: run 147, image 383  
[class MECCDImage]

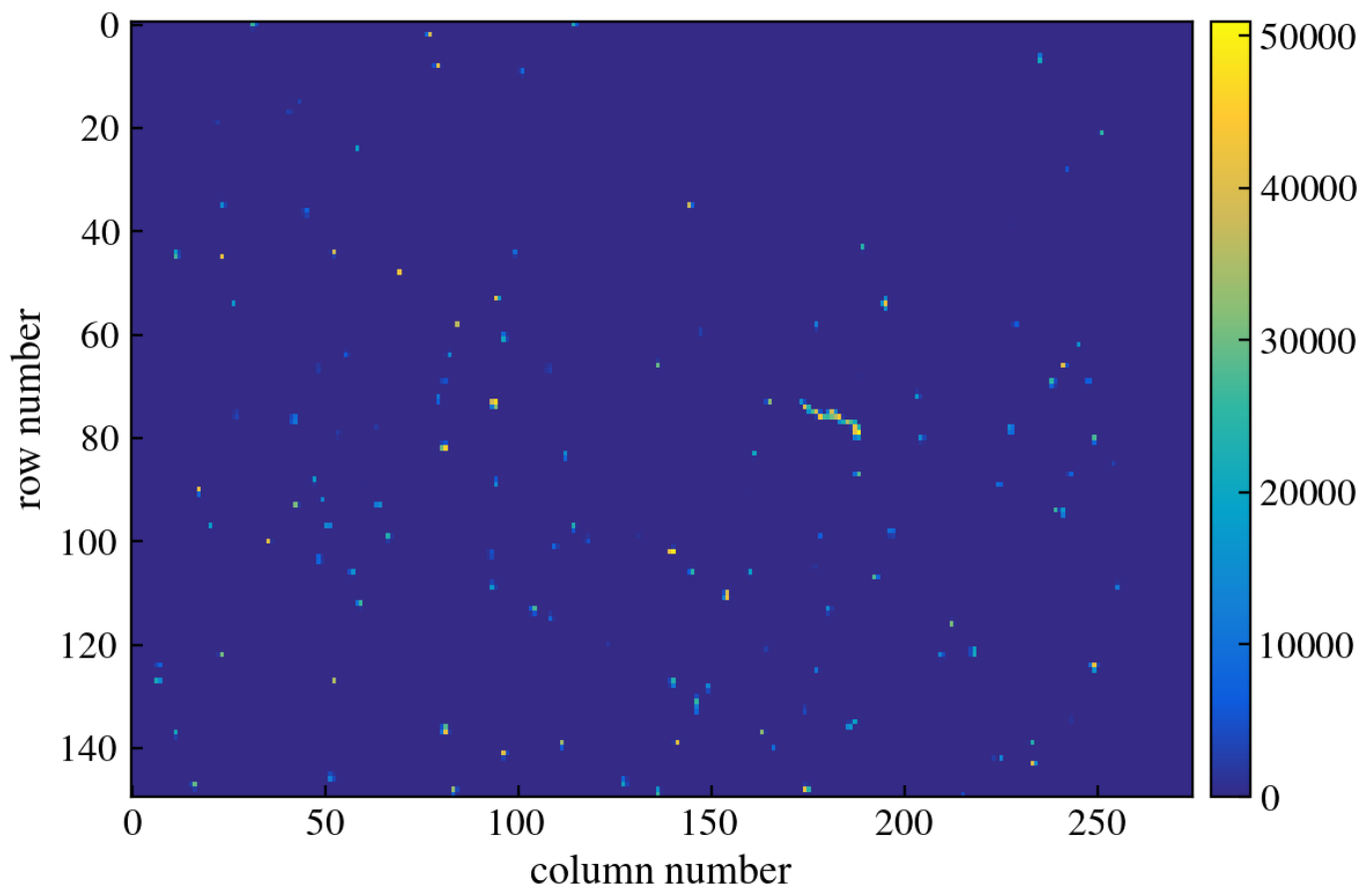


Figure 348: CCD Image

CCD Image: run 147, image 384  
[class MECCDImage]

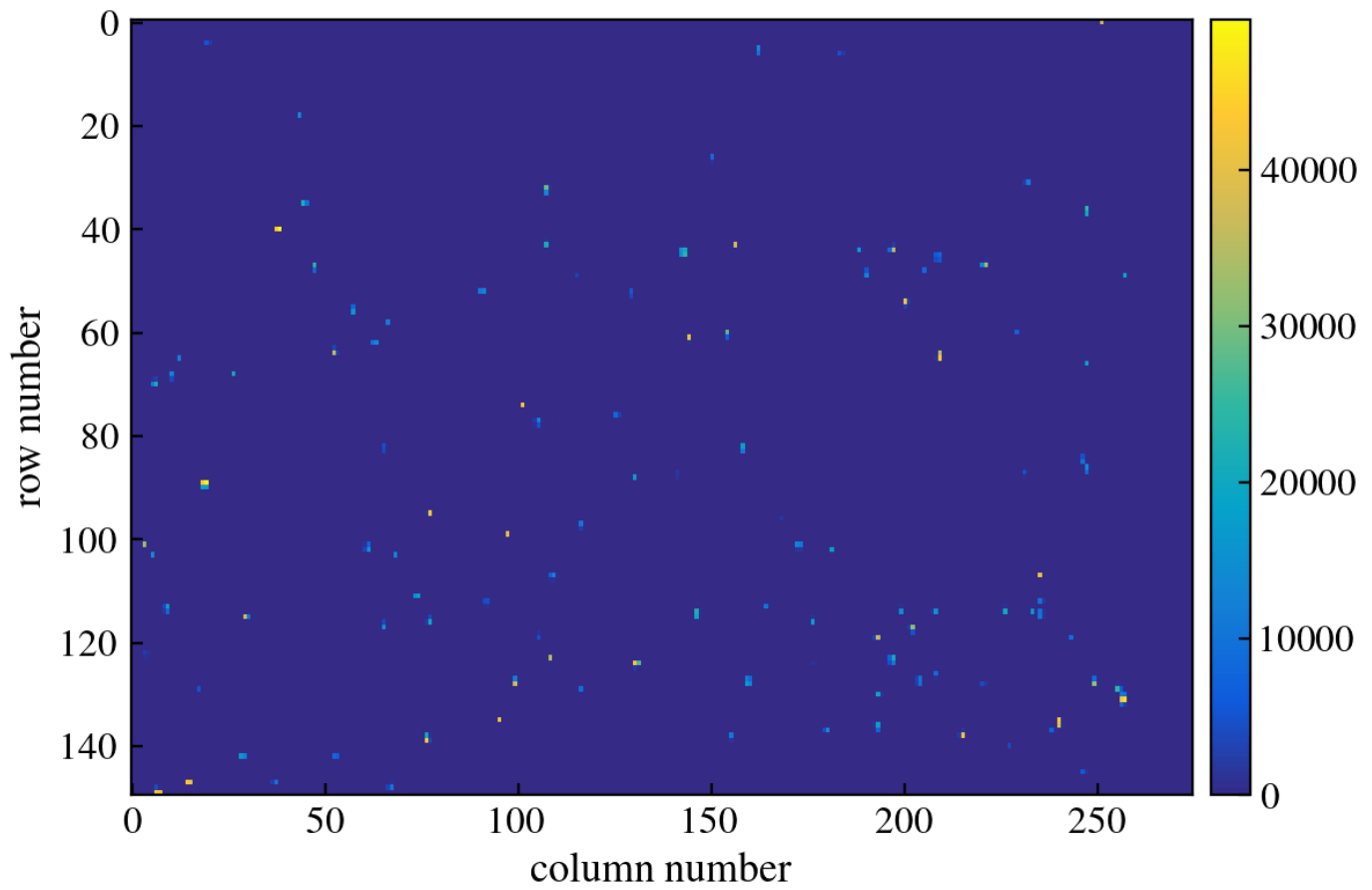


Figure 349: CCD Image

CCD Image: run 147, image 385  
[class MECCDImage]

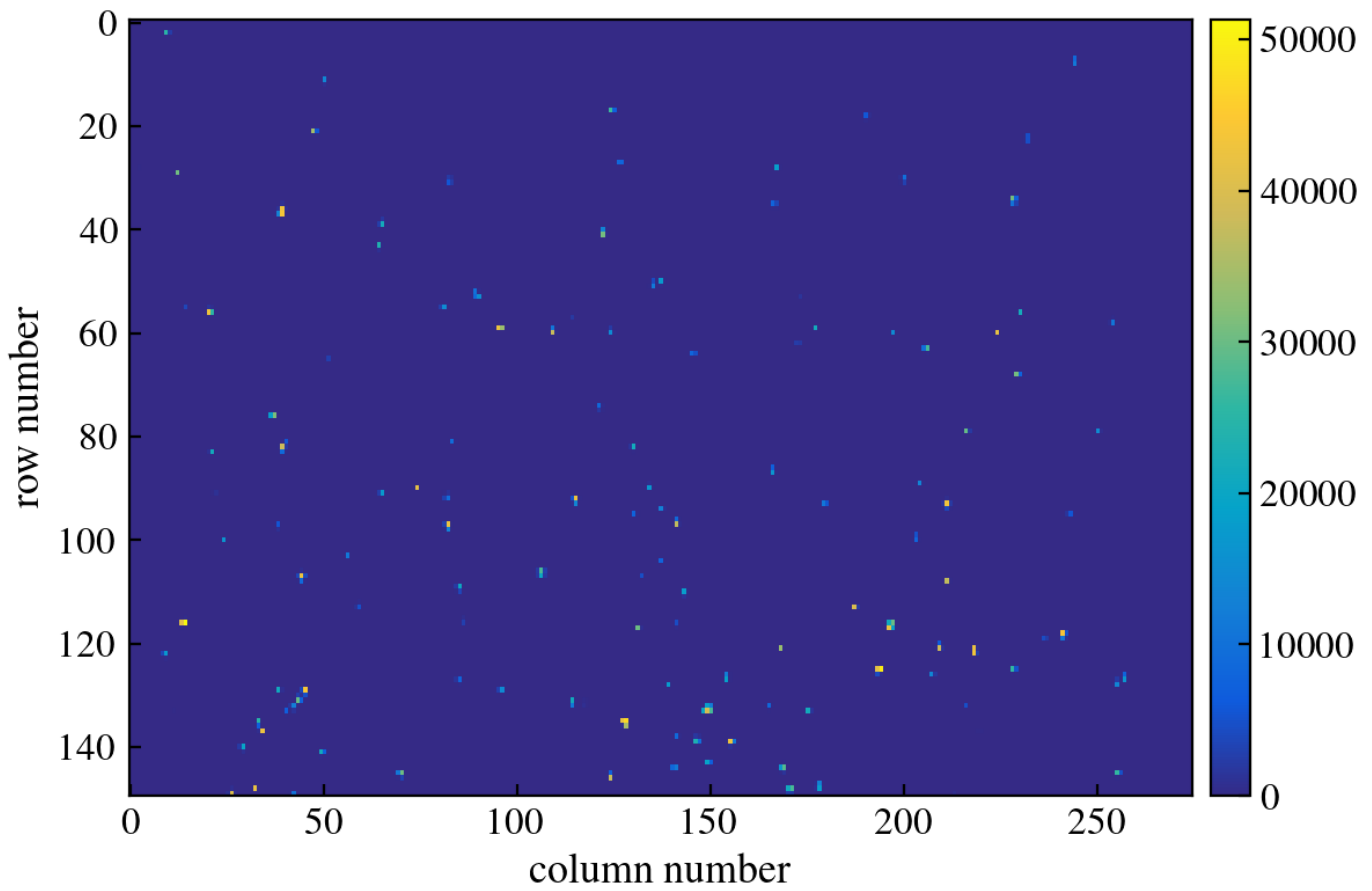


Figure 350: CCD Image

CCD Image: run 147, image 386  
[class MECCDImage]

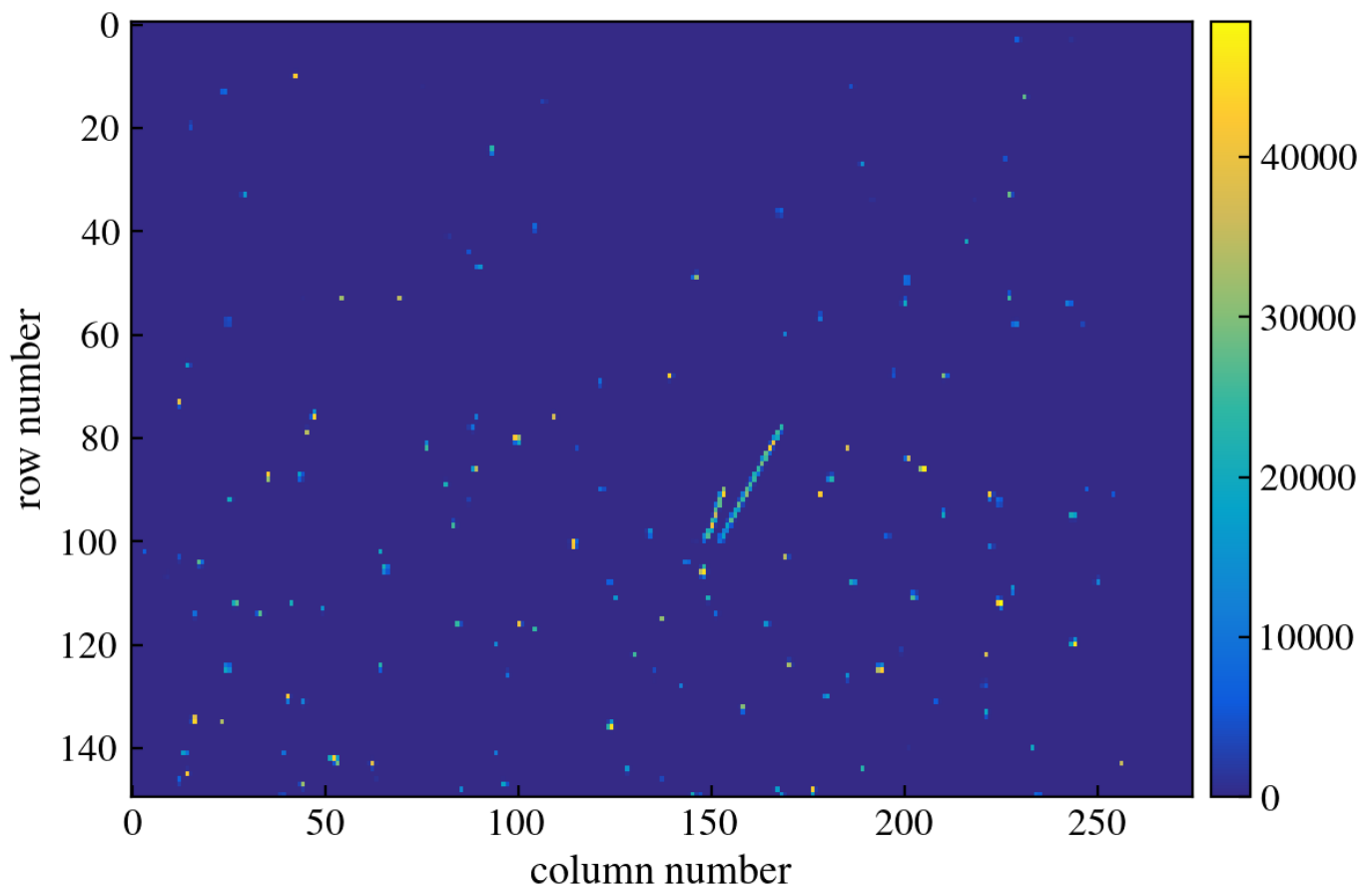


Figure 351: CCD Image

CCD Image: run 147, image 387  
[class MECCDImage]

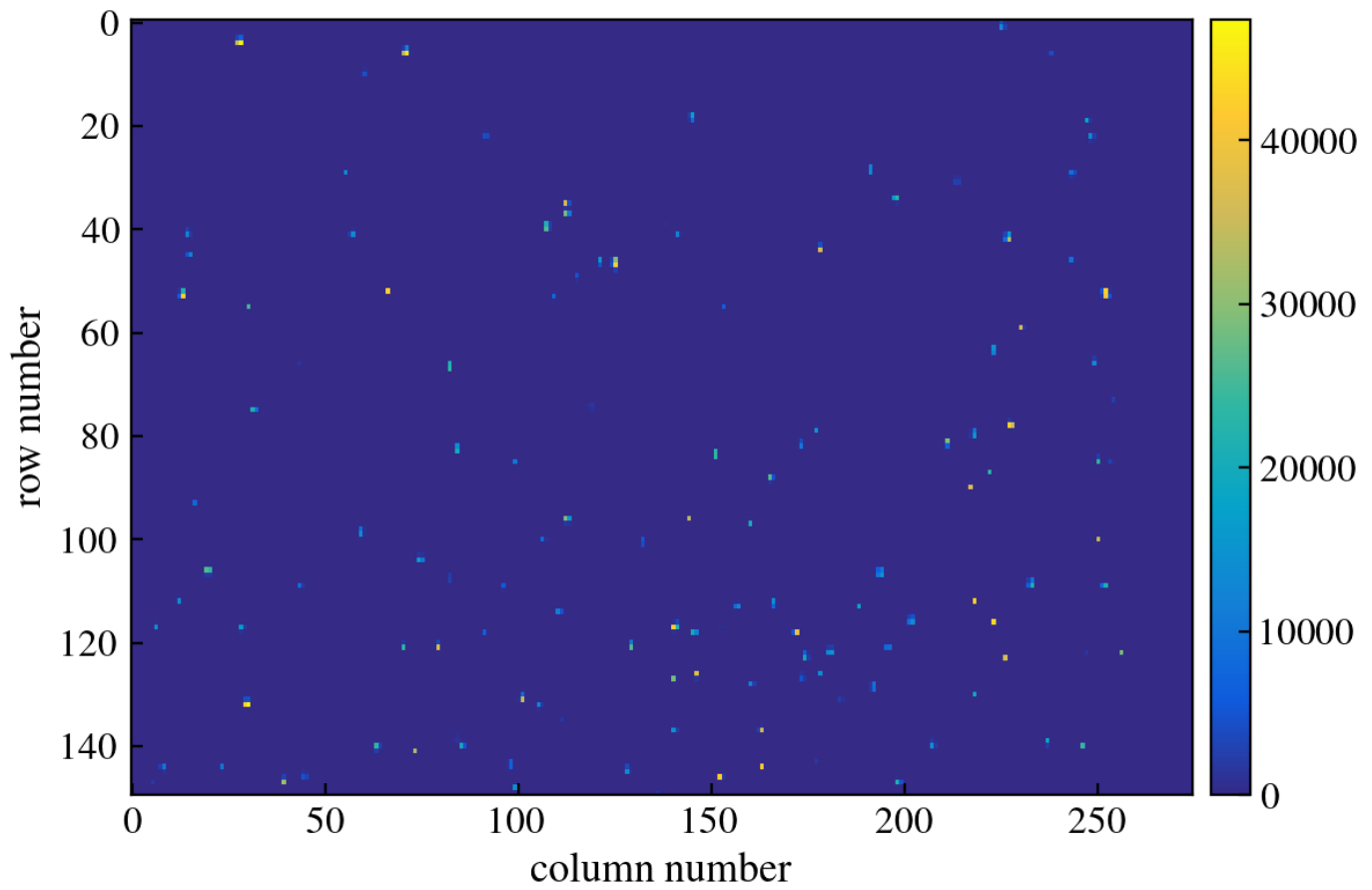


Figure 352: CCD Image

CCD Image: run 147, image 388  
[class MECCDImage]

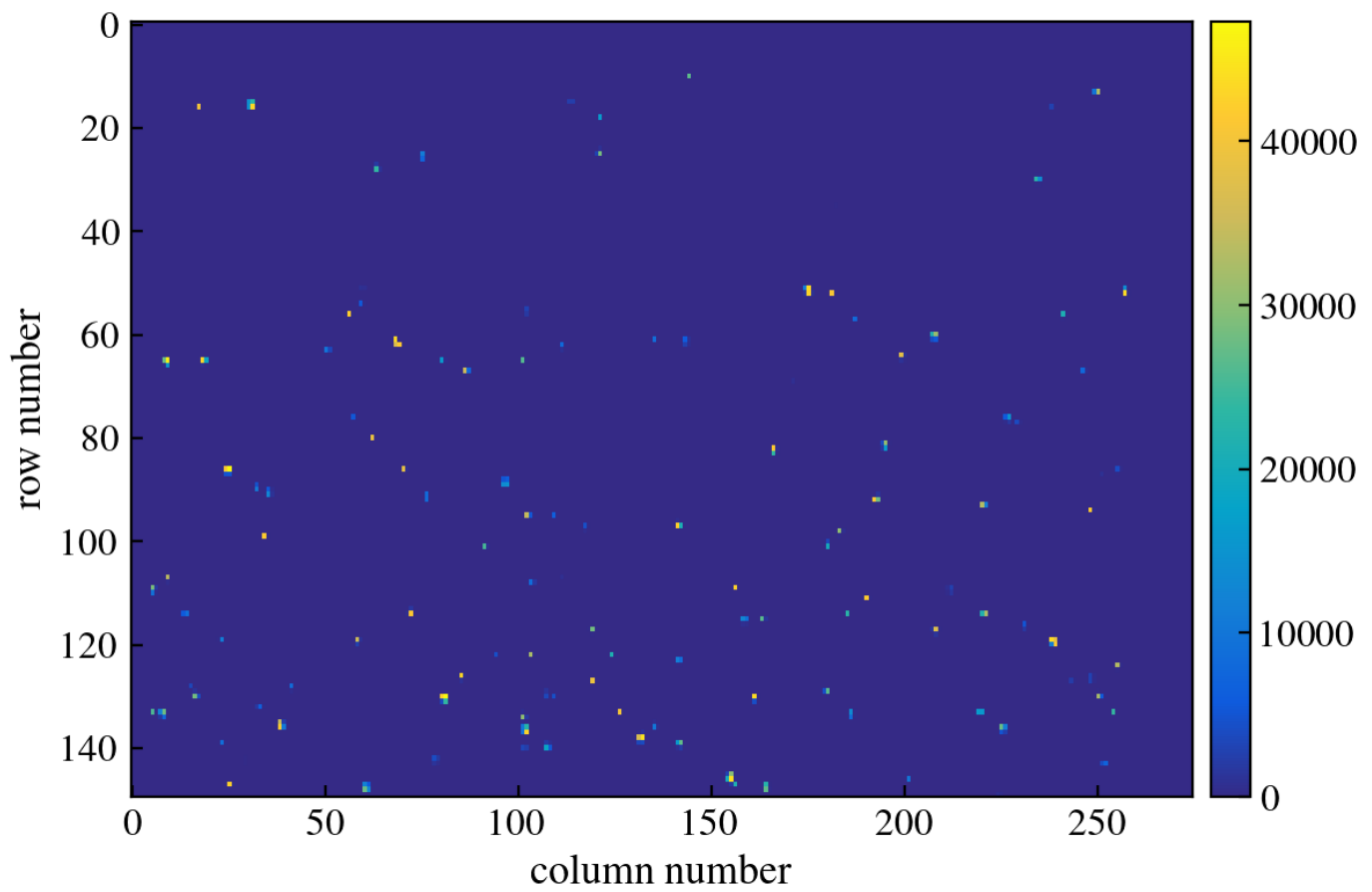


Figure 353: CCD Image

CCD Image: run 147, image 389  
[class MECCDImage]

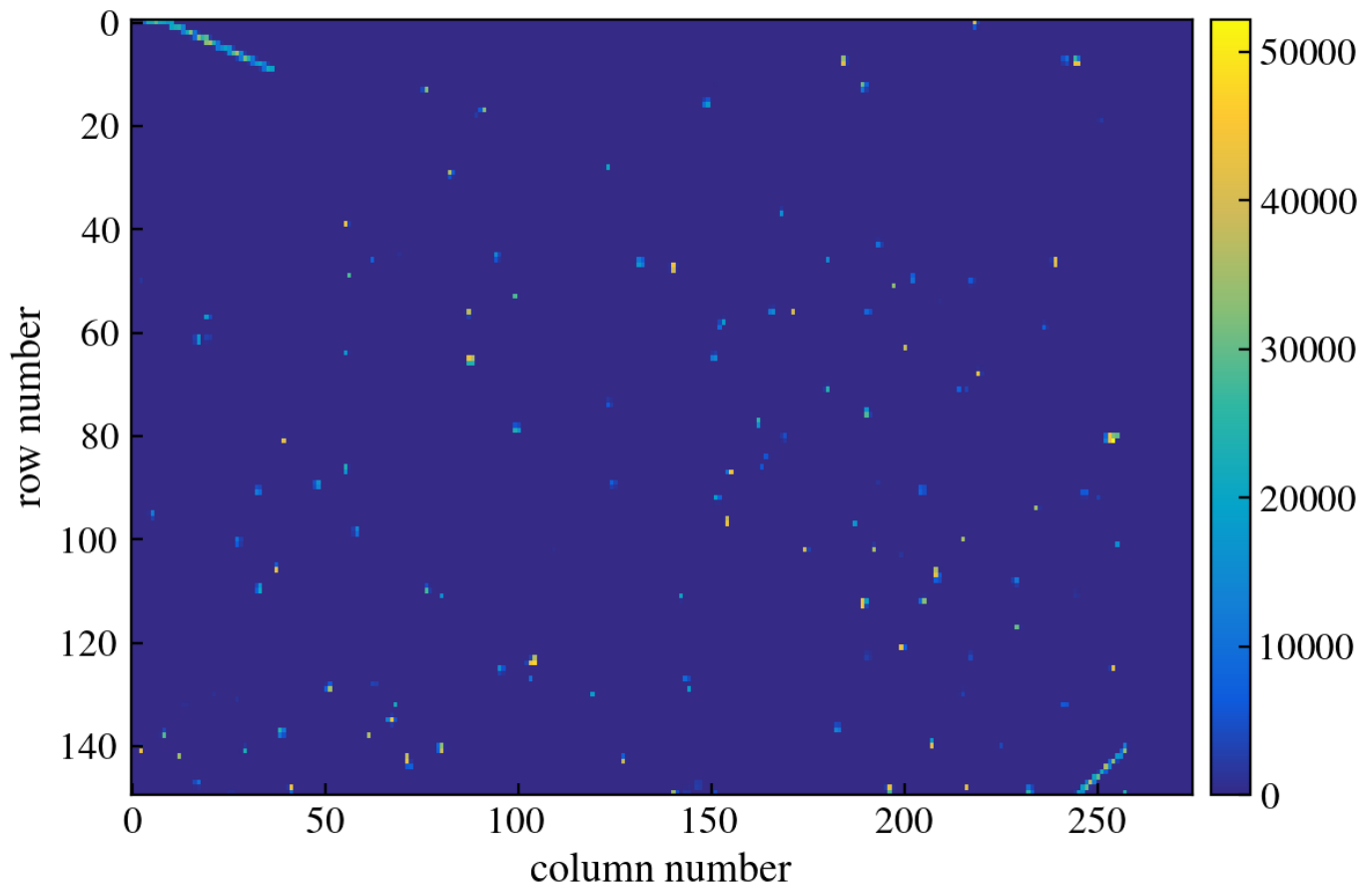


Figure 354: CCD Image

CCD Image: run 147, image 39  
[class MECCDImage]

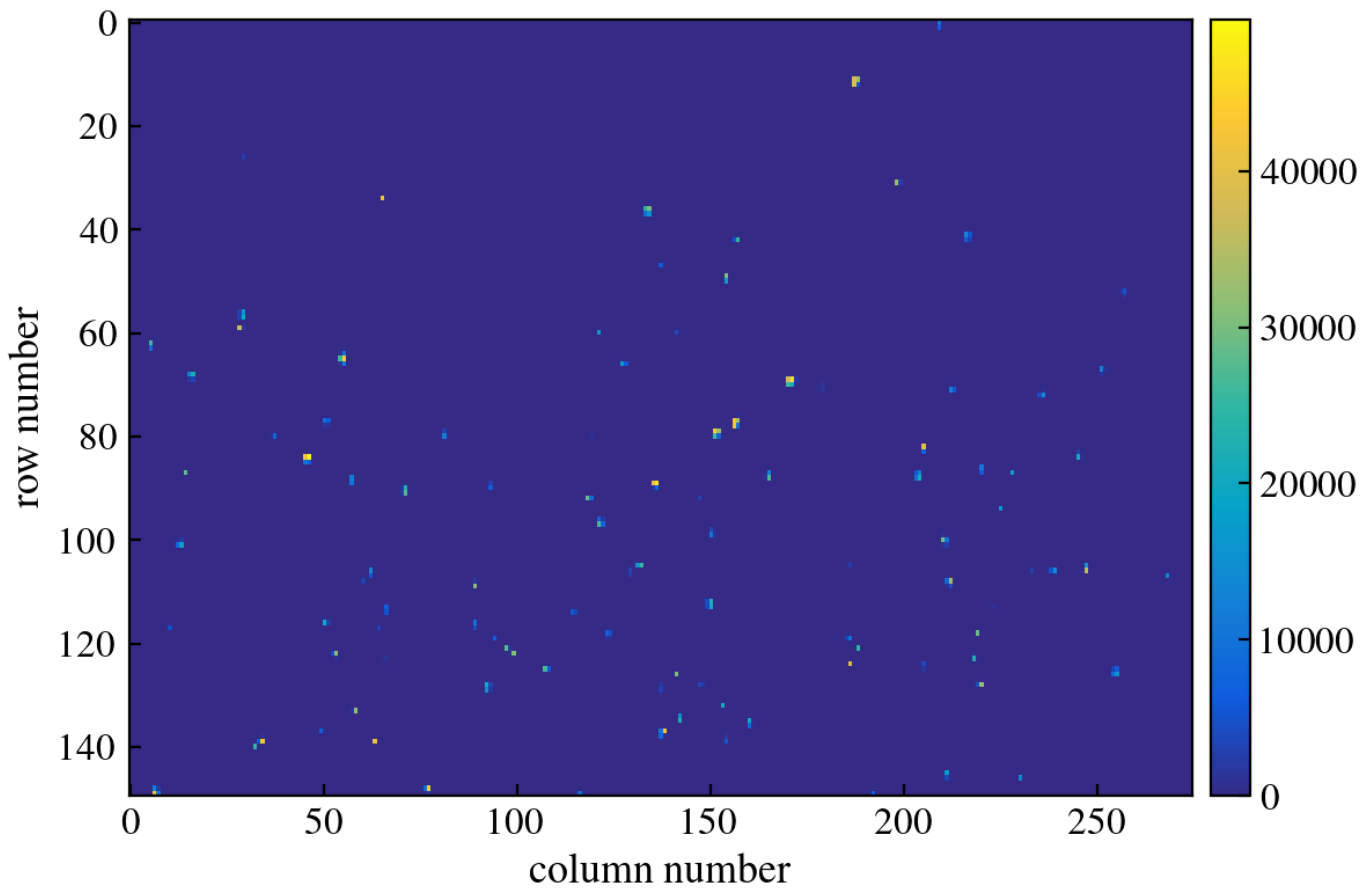


Figure 355: CCD Image



CCD Image: run 147, image 390  
[class MECCDImage]

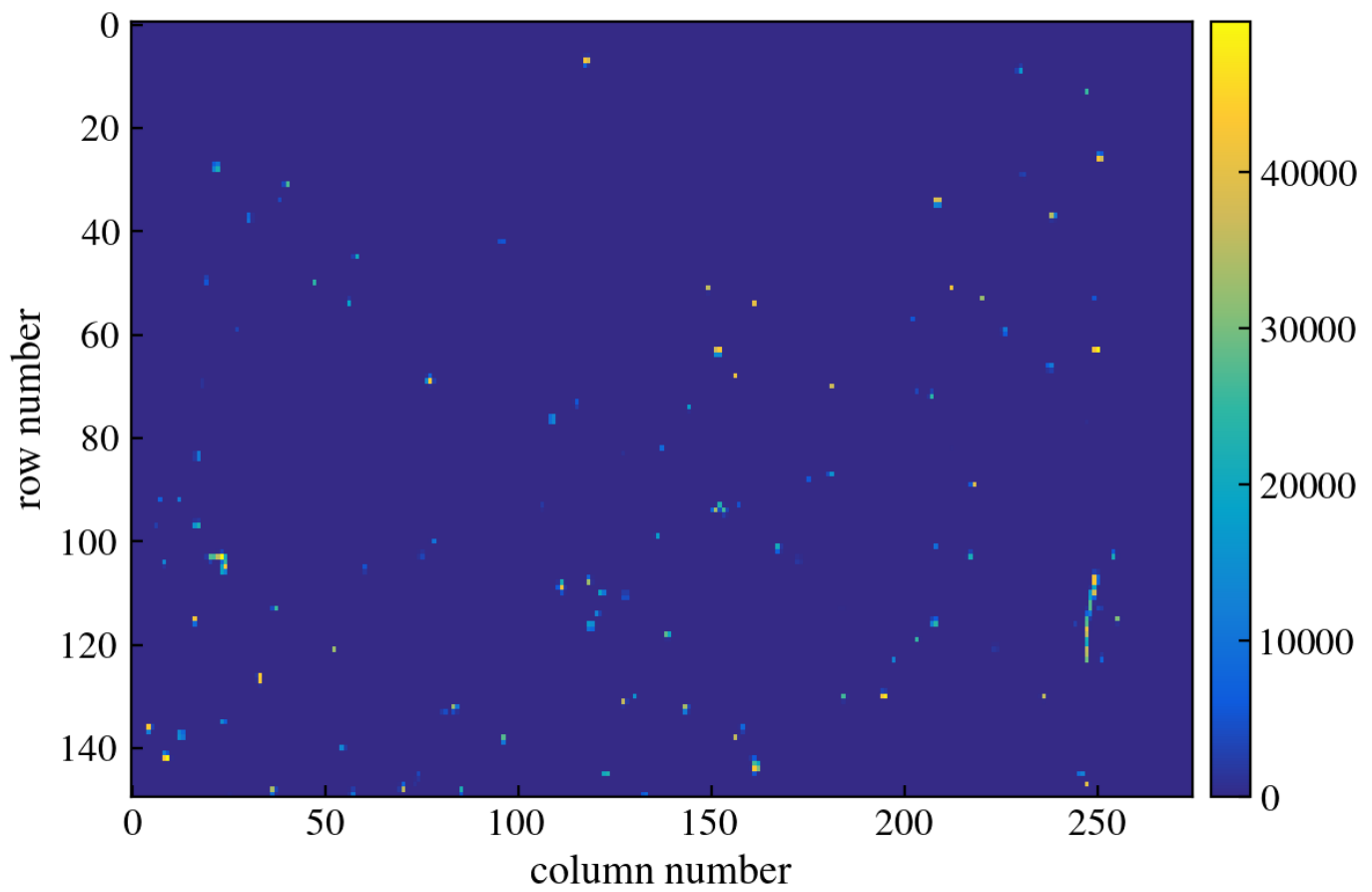


Figure 356: CCD Image

CCD Image: run 147, image 391  
[class MECCDImage]

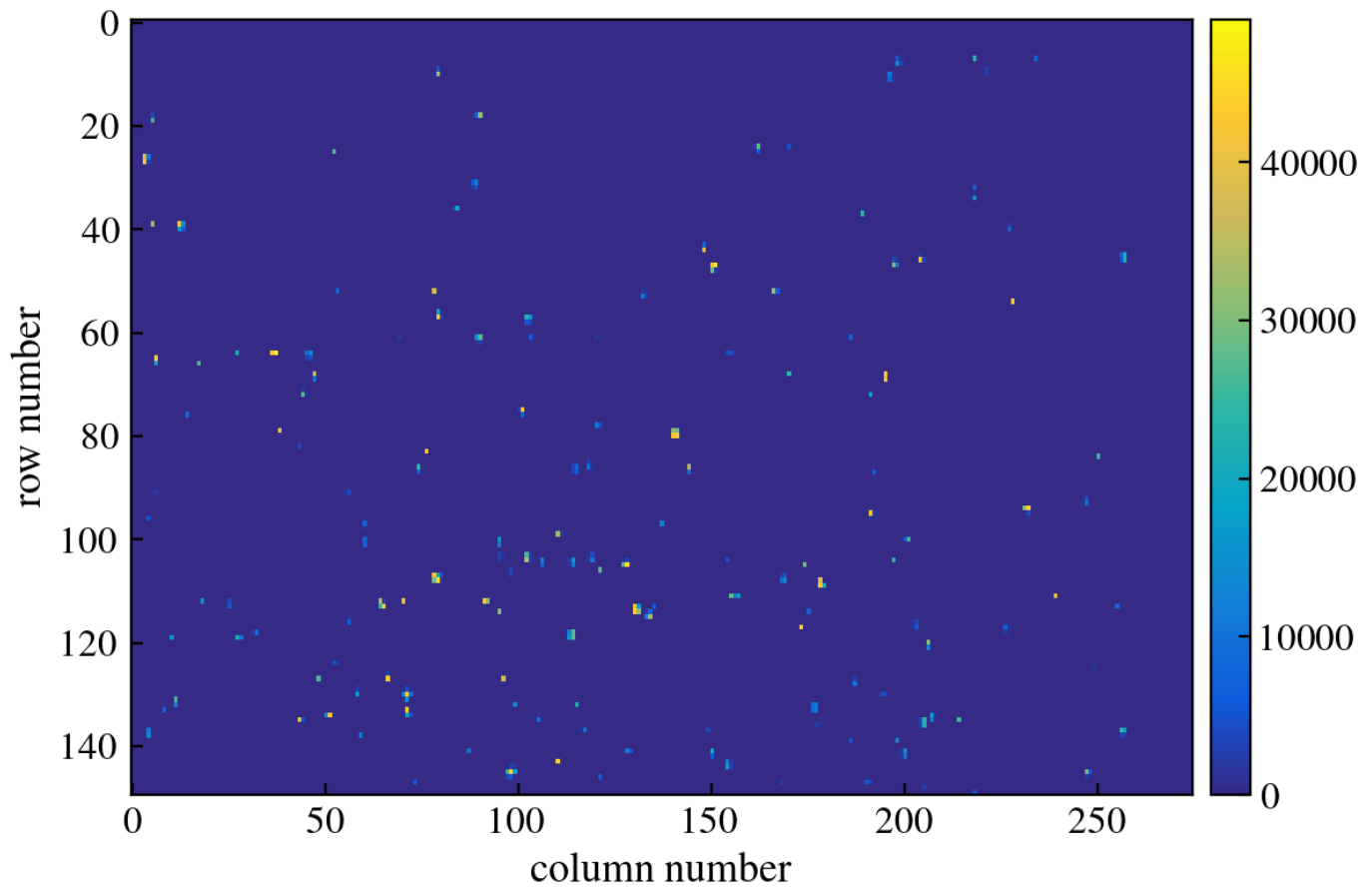


Figure 357: CCD Image

CCD Image: run 147, image 392  
[class MECCDImage]

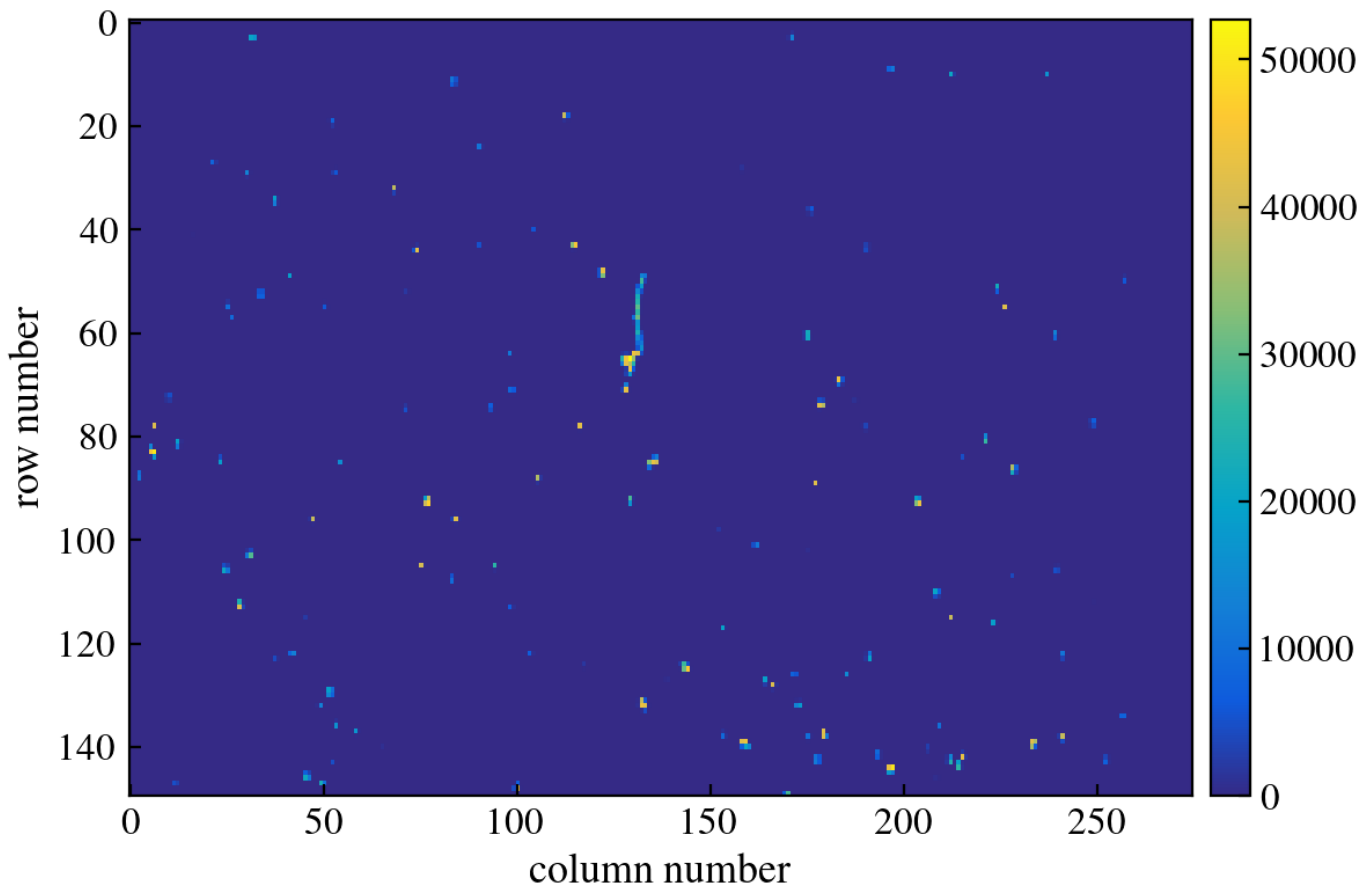


Figure 358: CCD Image

CCD Image: run 147, image 393  
[class MECCDImage]

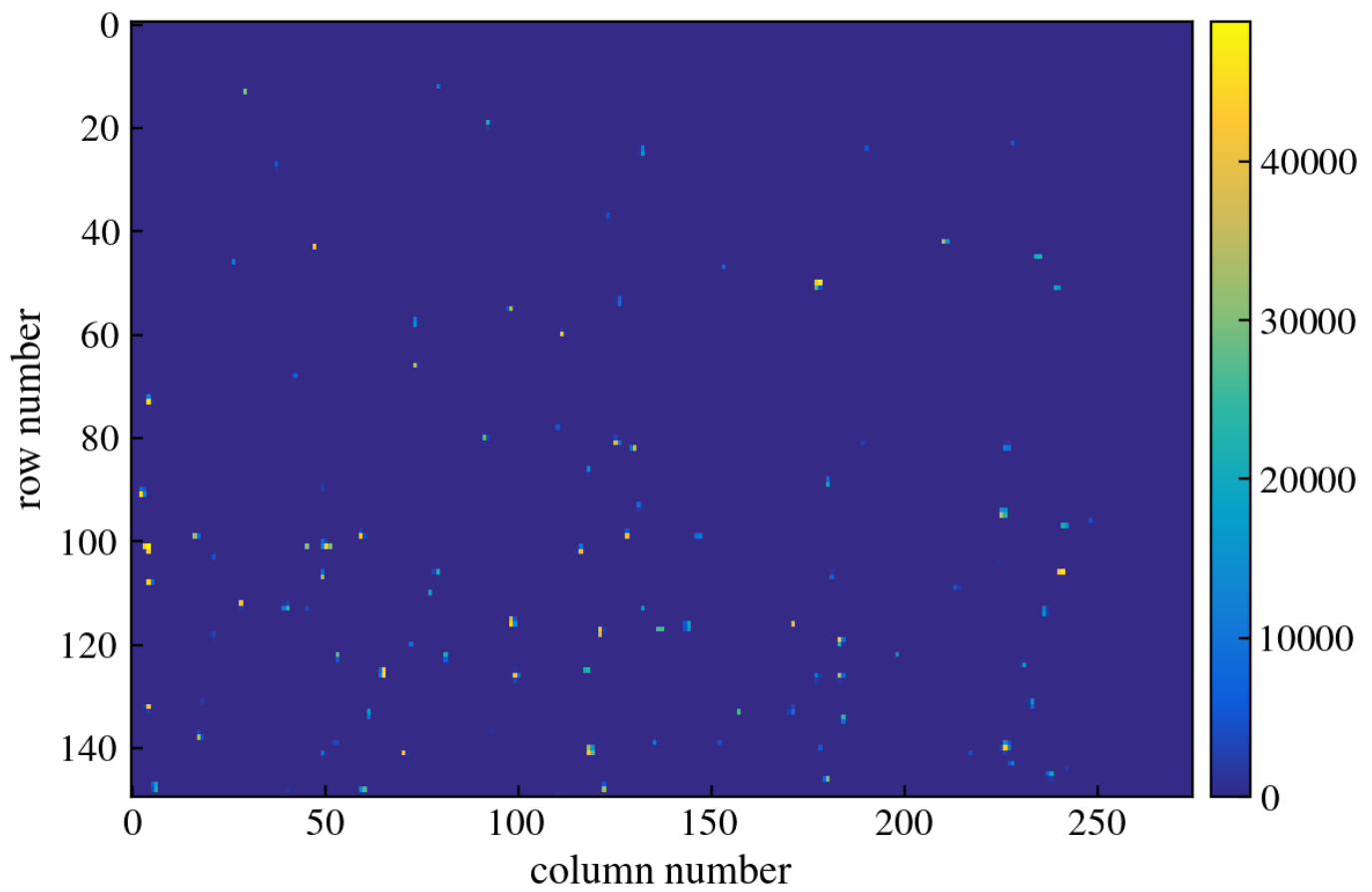


Figure 359: CCD Image

CCD Image: run 147, image 394  
[class MECCDImage]

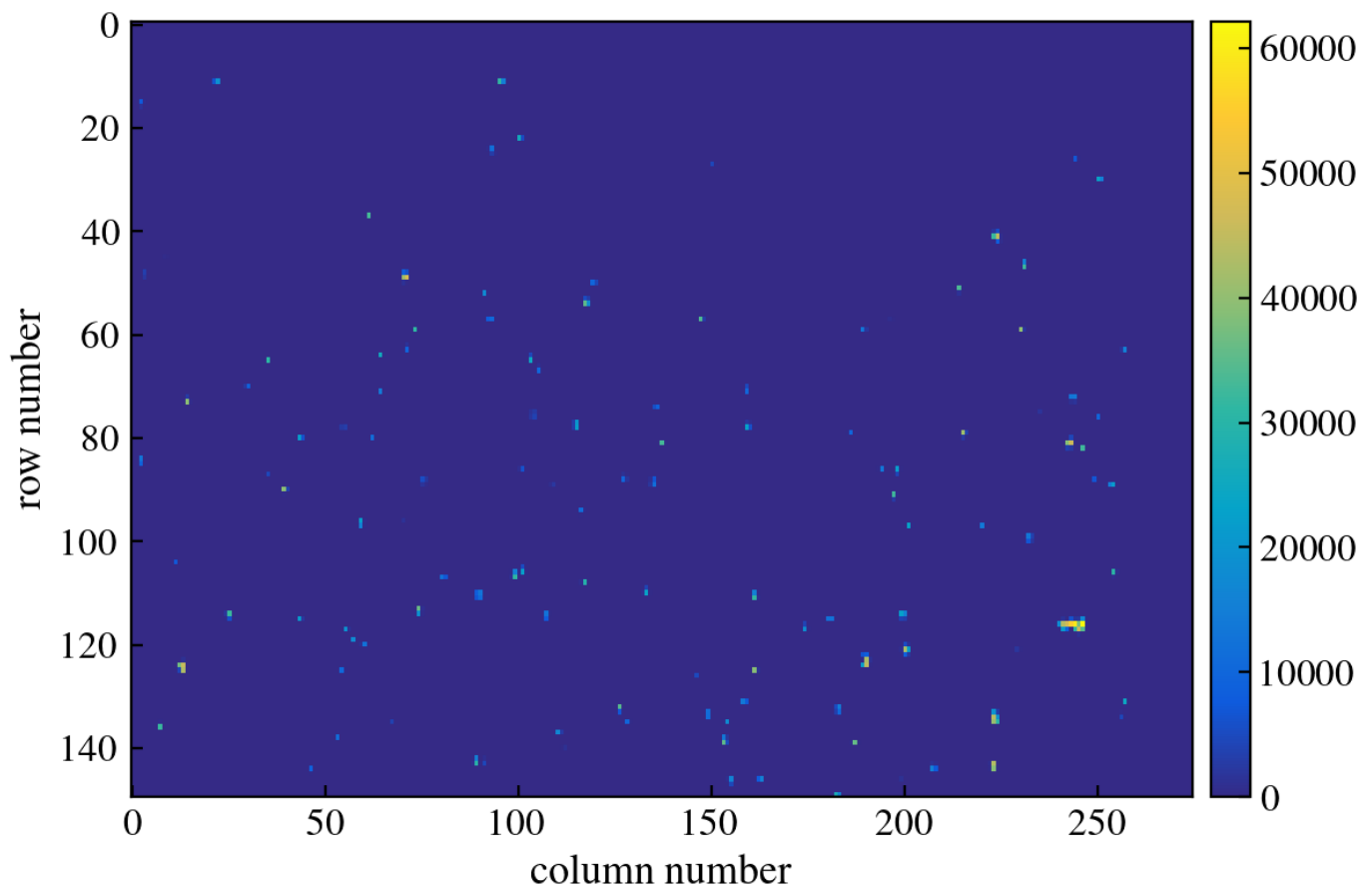


Figure 360: CCD Image

CCD Image: run 147, image 395  
[class MECCDImage]

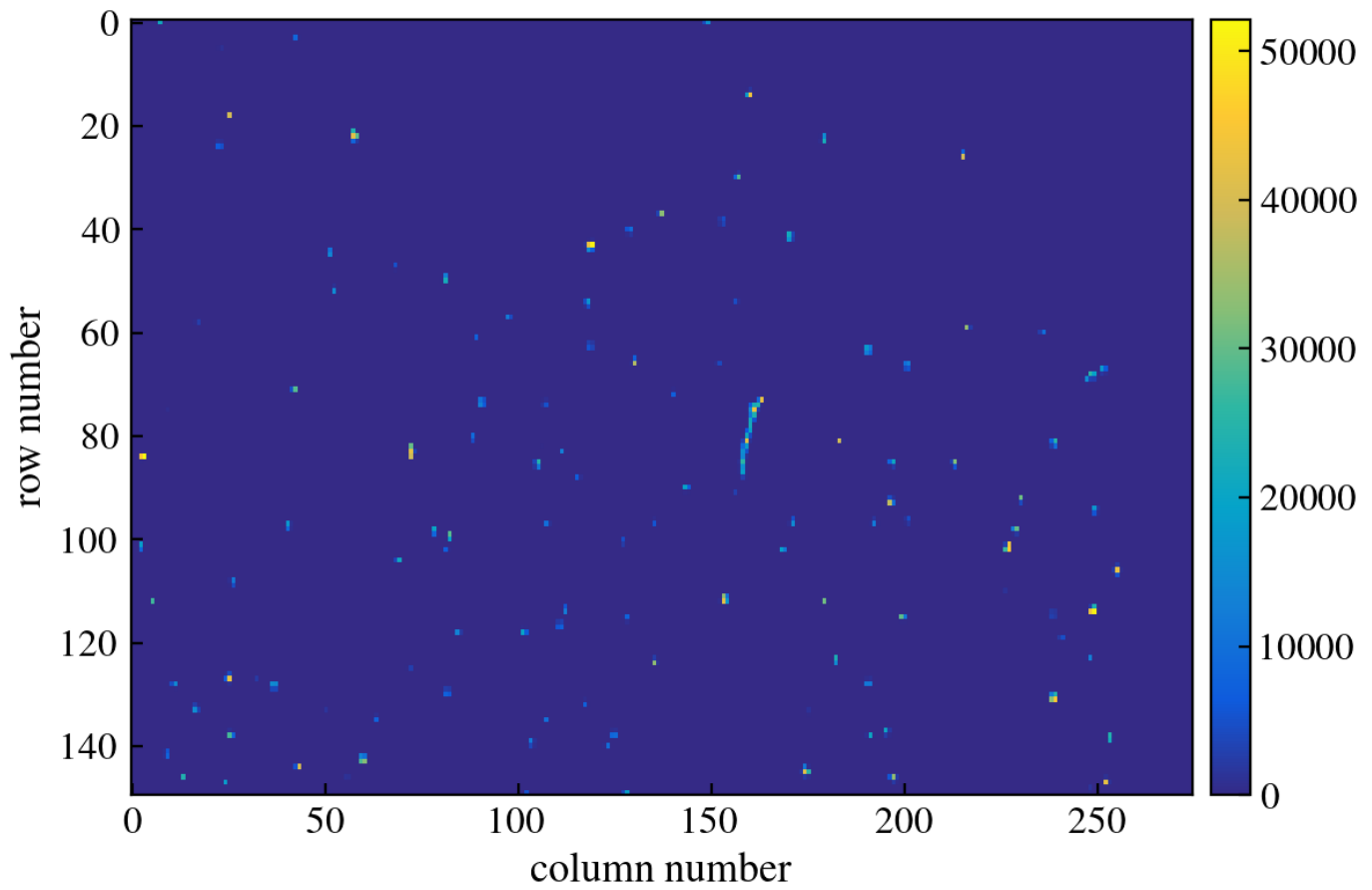


Figure 361: CCD Image

CCD Image: run 147, image 396  
[class MECCDImage]

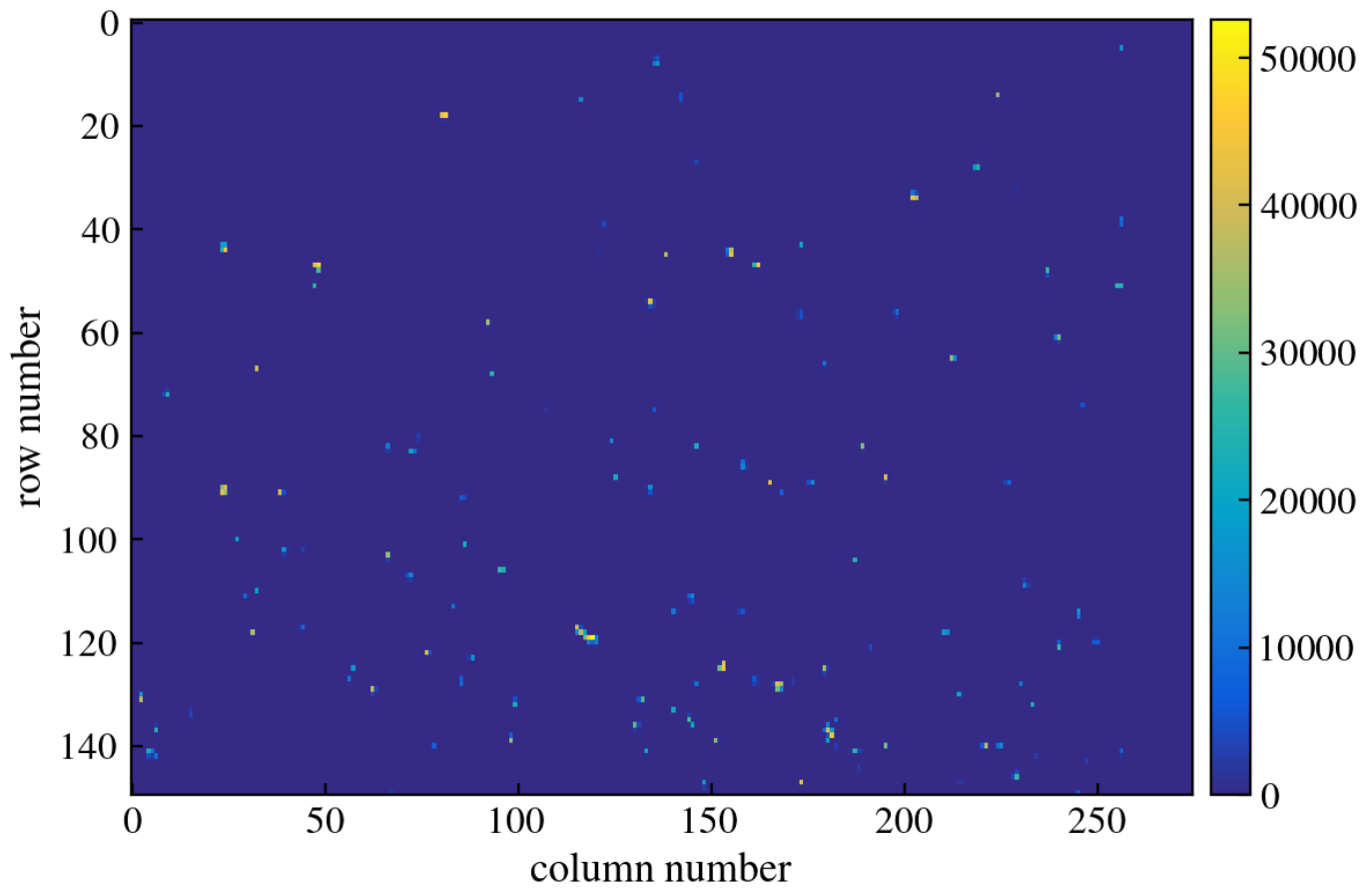


Figure 362: CCD Image

CCD Image: run 147, image 397  
[class MECCDImage]

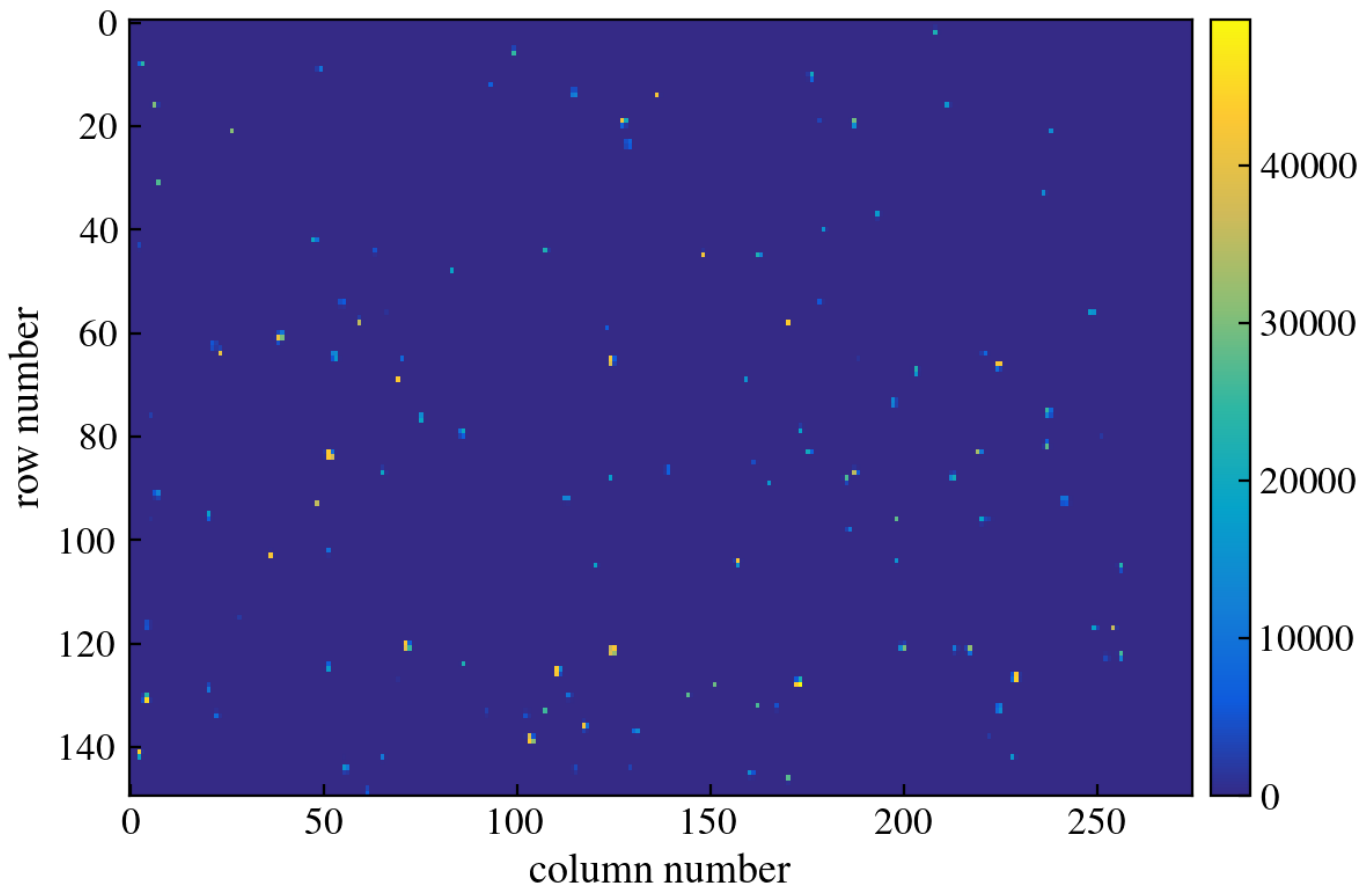


Figure 363: CCD Image



CCD Image: run 147, image 398  
[class MECCDImage]

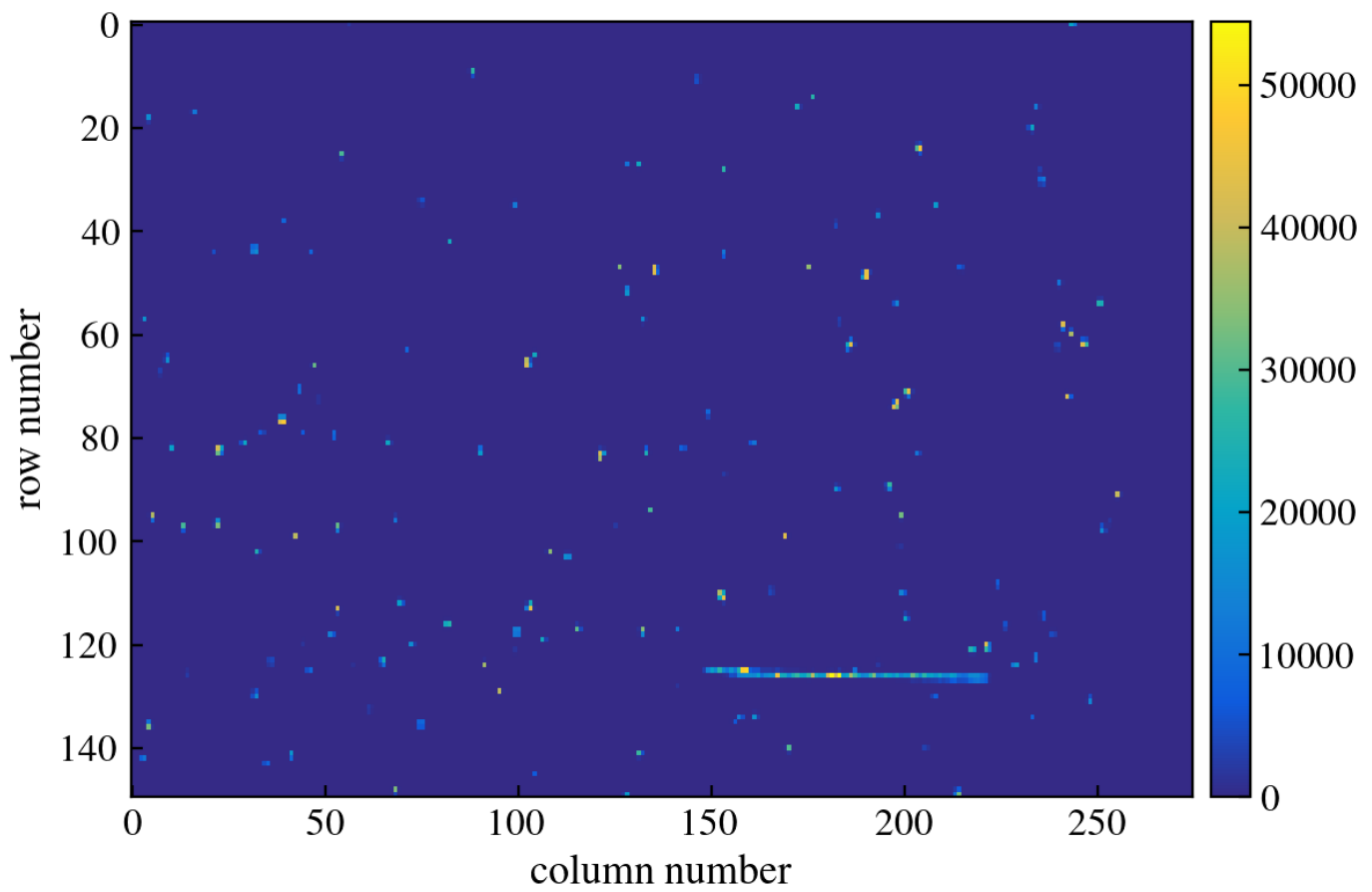


Figure 364: CCD Image

CCD Image: run 147, image 399  
[class MECCDImage]

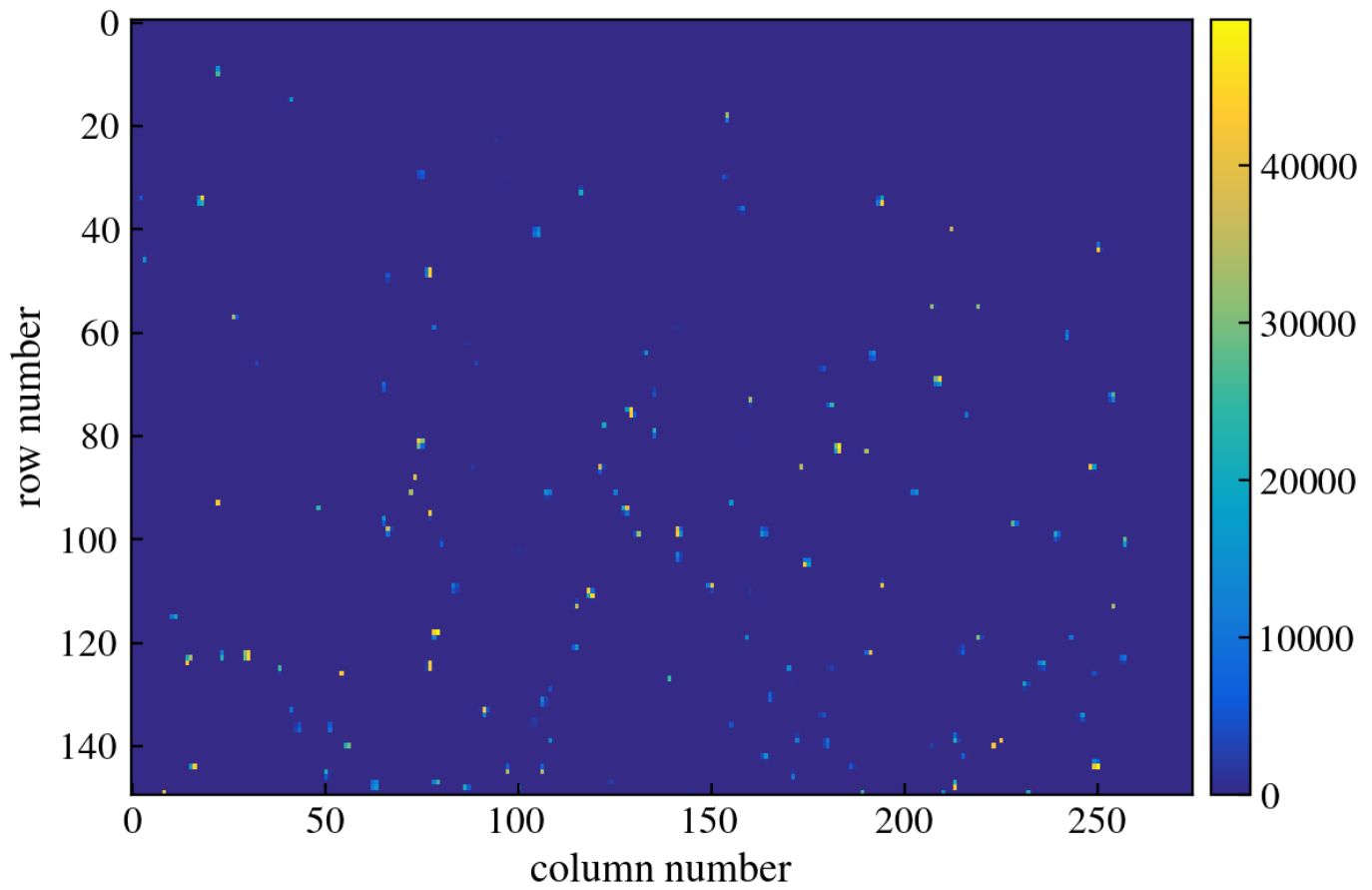


Figure 365: CCD Image

CCD Image: run 147, image 4  
[class MECCDImage]

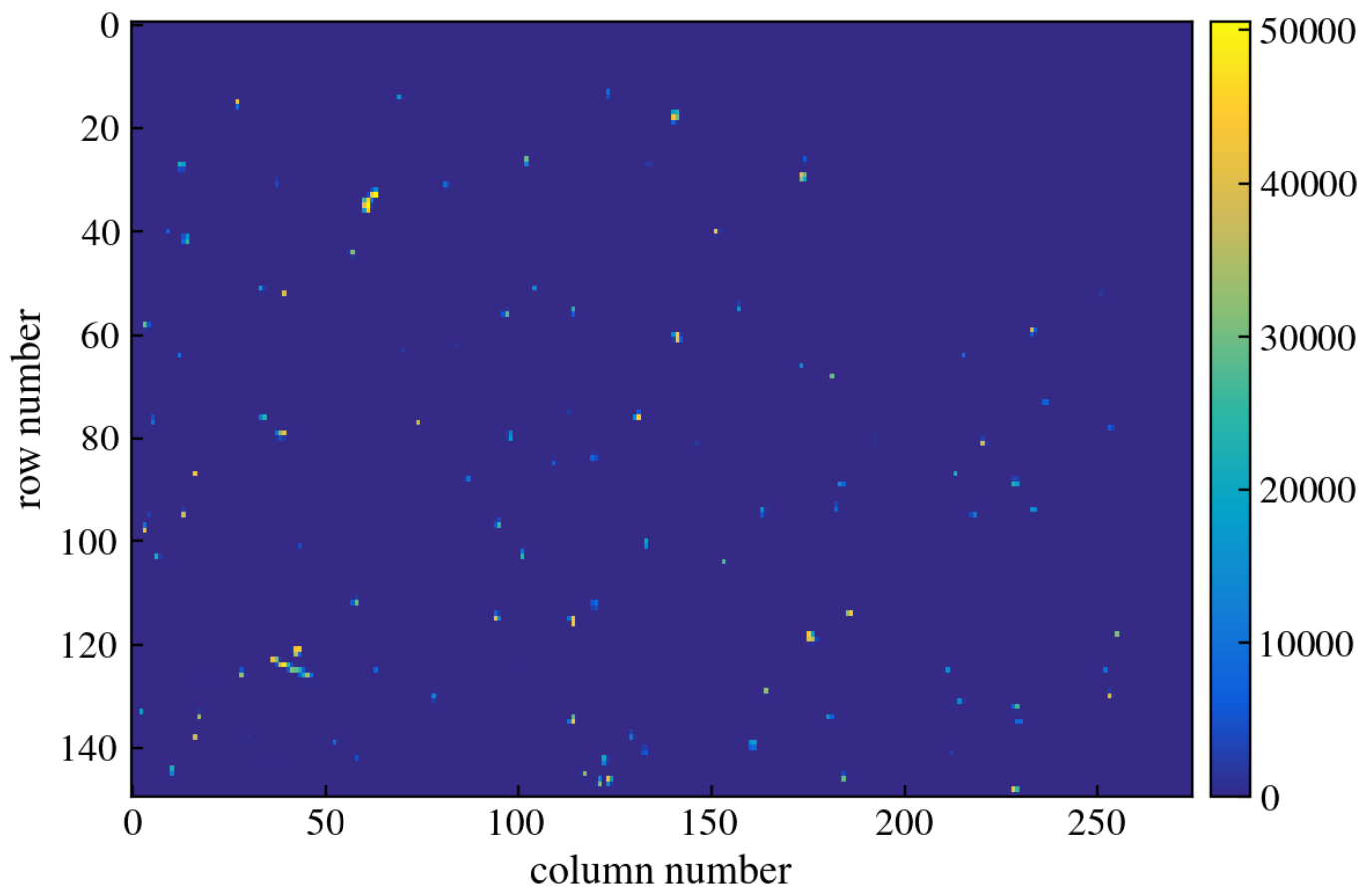


Figure 366: CCD Image

CCD Image: run 147, image 40  
[class MECCDImage]

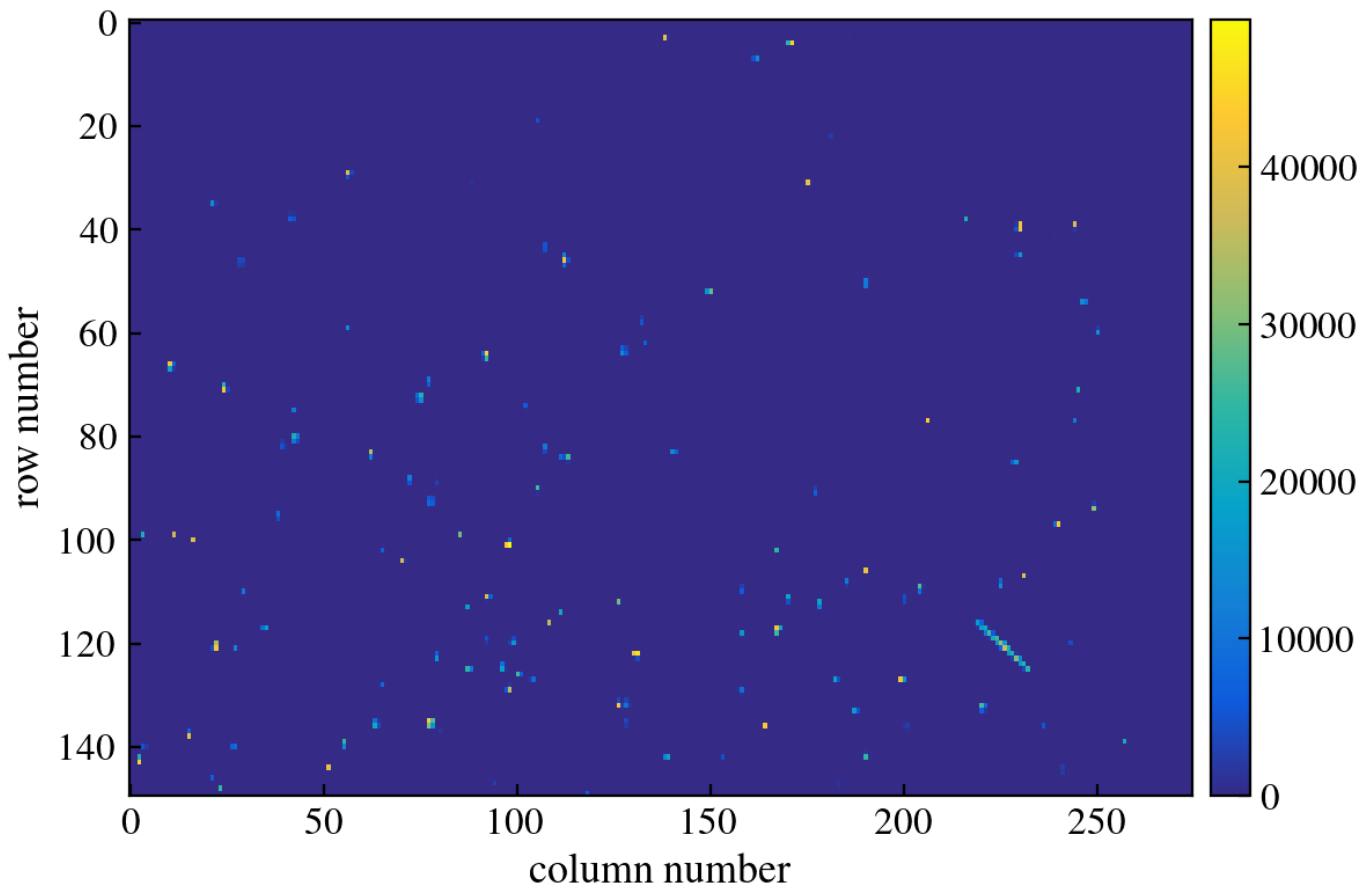


Figure 367: CCD Image

CCD Image: run 147, image 400  
[class MECCDImage]

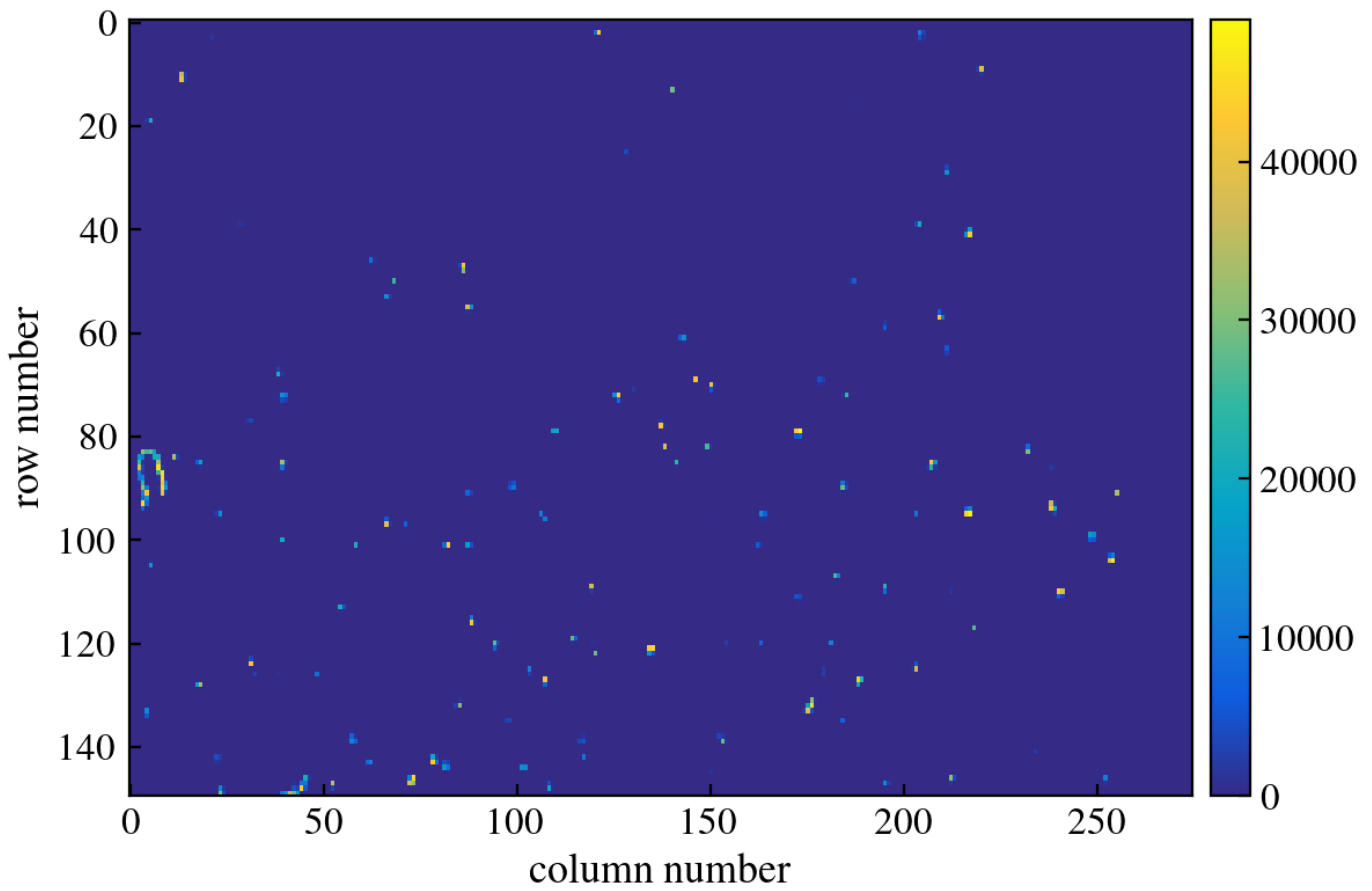


Figure 368: CCD Image

CCD Image: run 147, image 41  
[class MECCDImage]

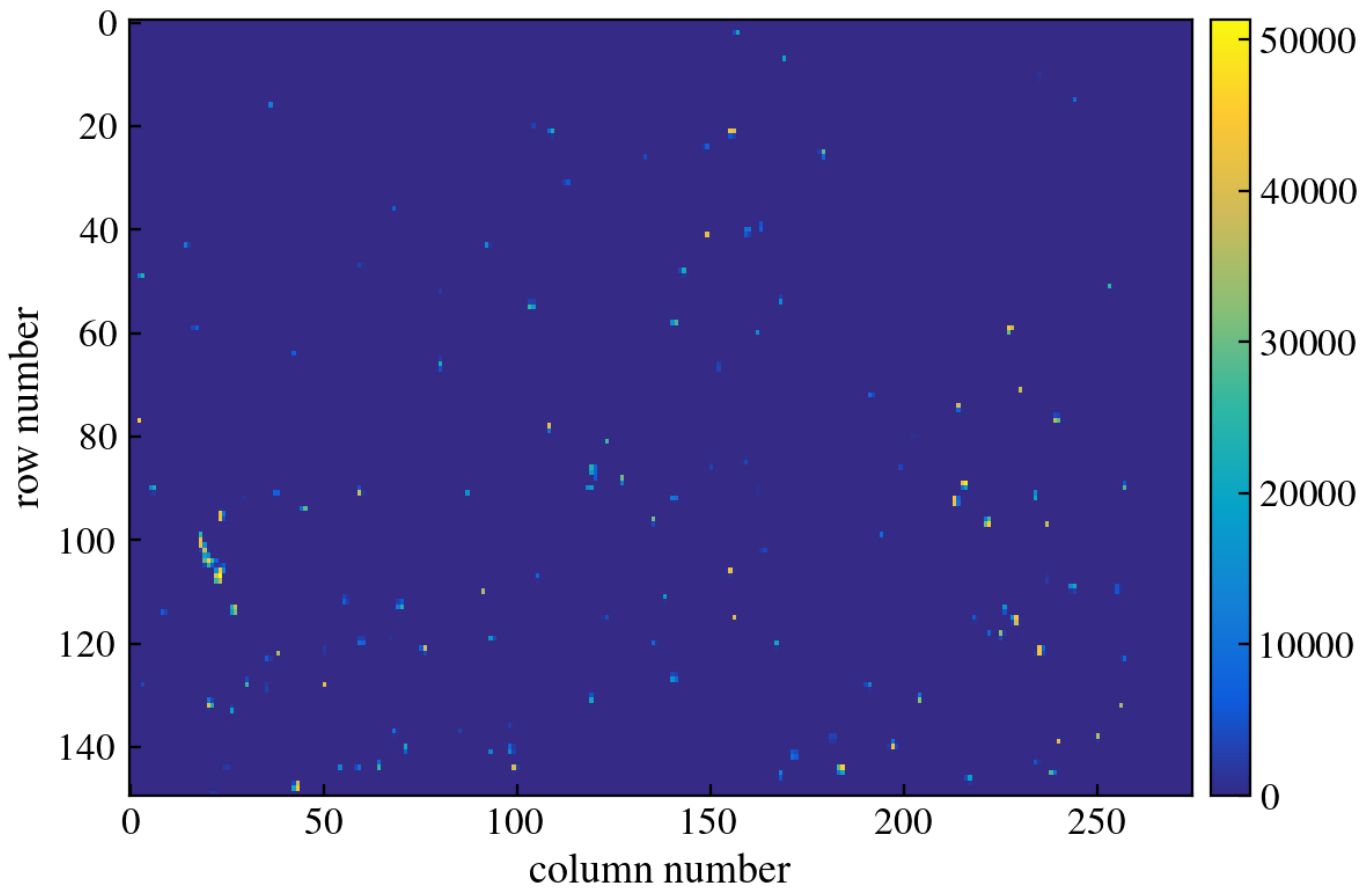


Figure 369: CCD Image

CCD Image: run 147, image 42  
[class MECCDImage]

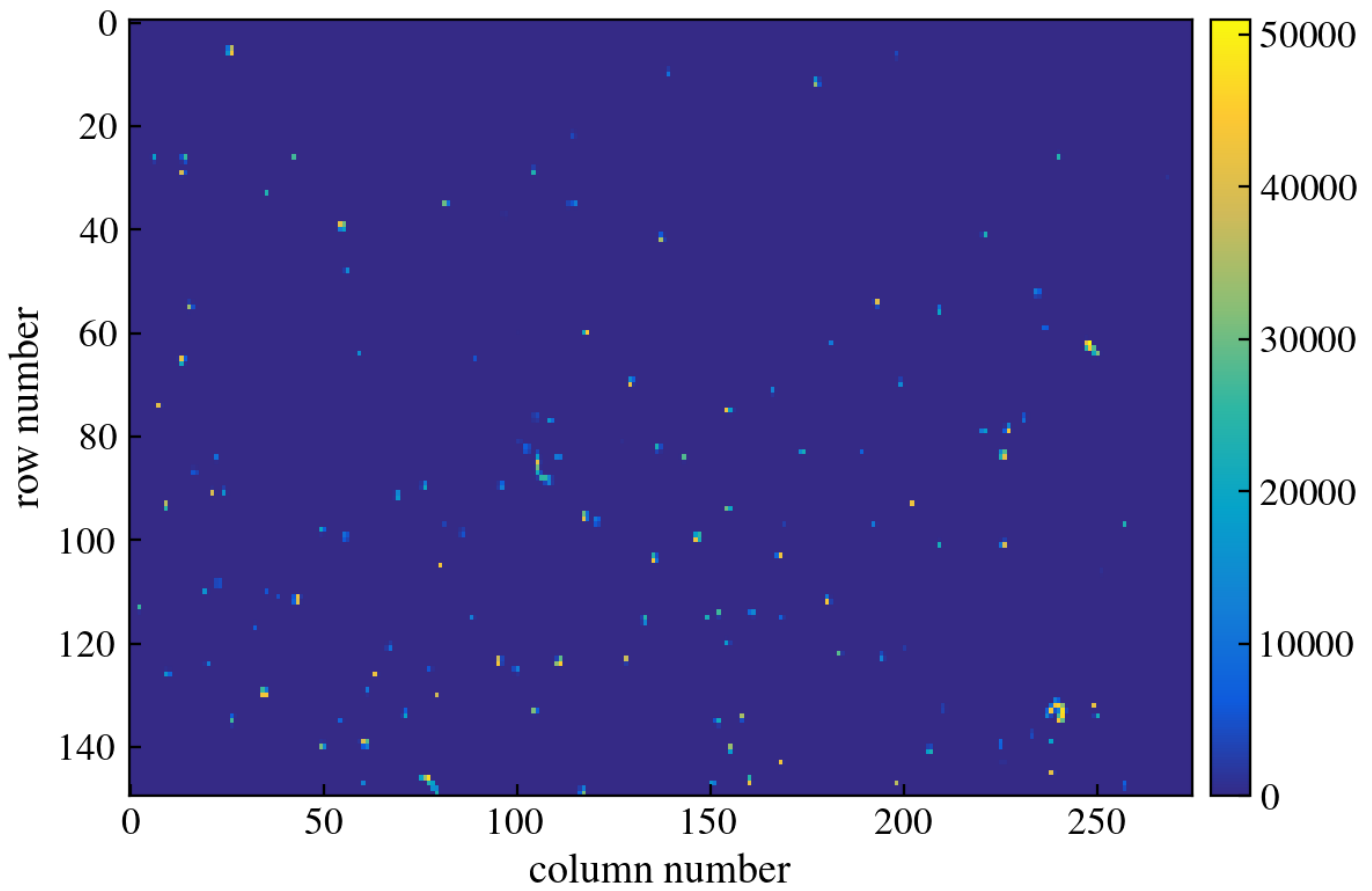


Figure 370: CCD Image

CCD Image: run 147, image 43  
[class MECCDImage]

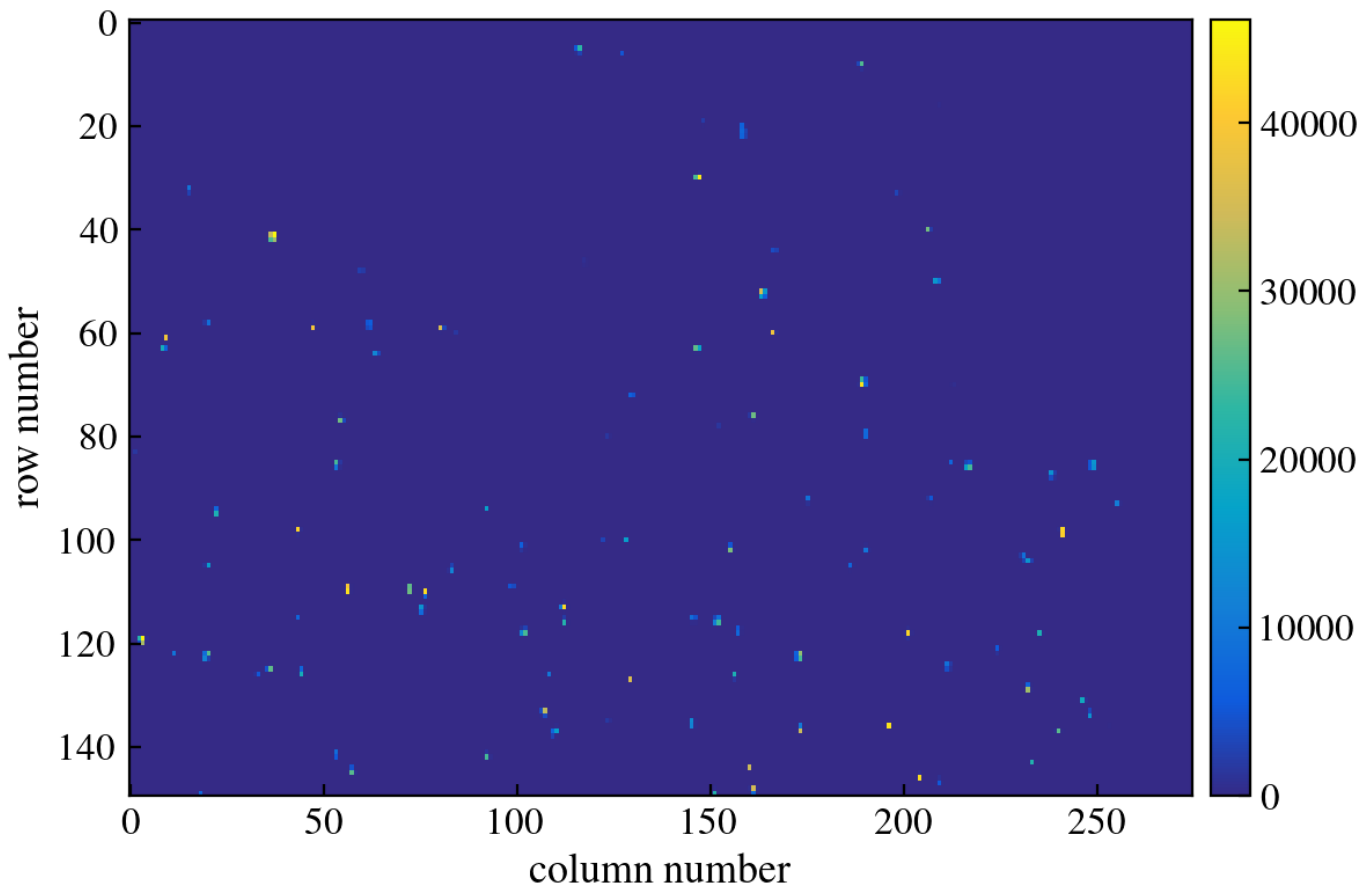


Figure 371: CCD Image



CCD Image: run 147, image 44  
[class MECCDImage]

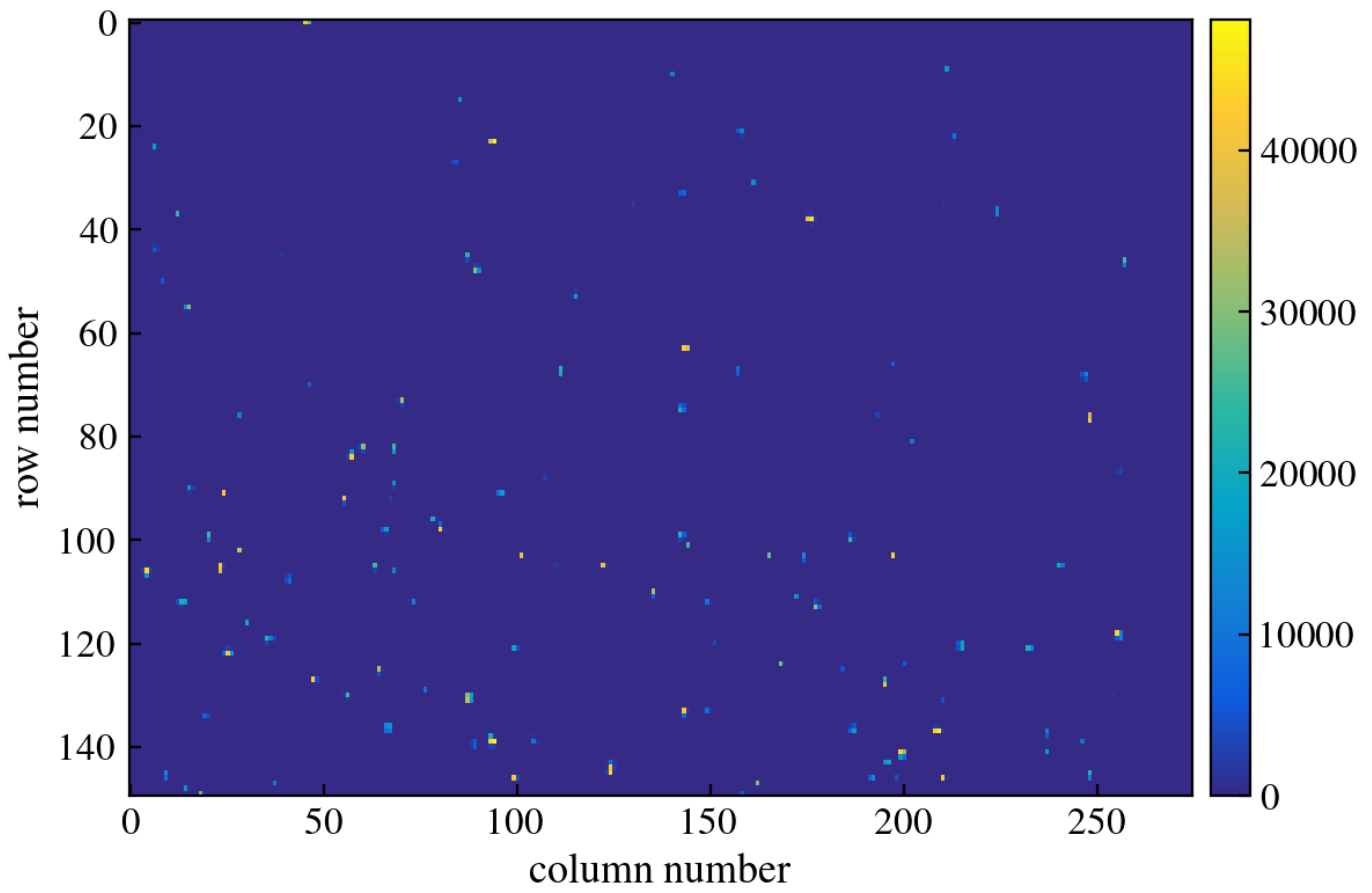


Figure 372: CCD Image

CCD Image: run 147, image 45  
[class MECCDImage]

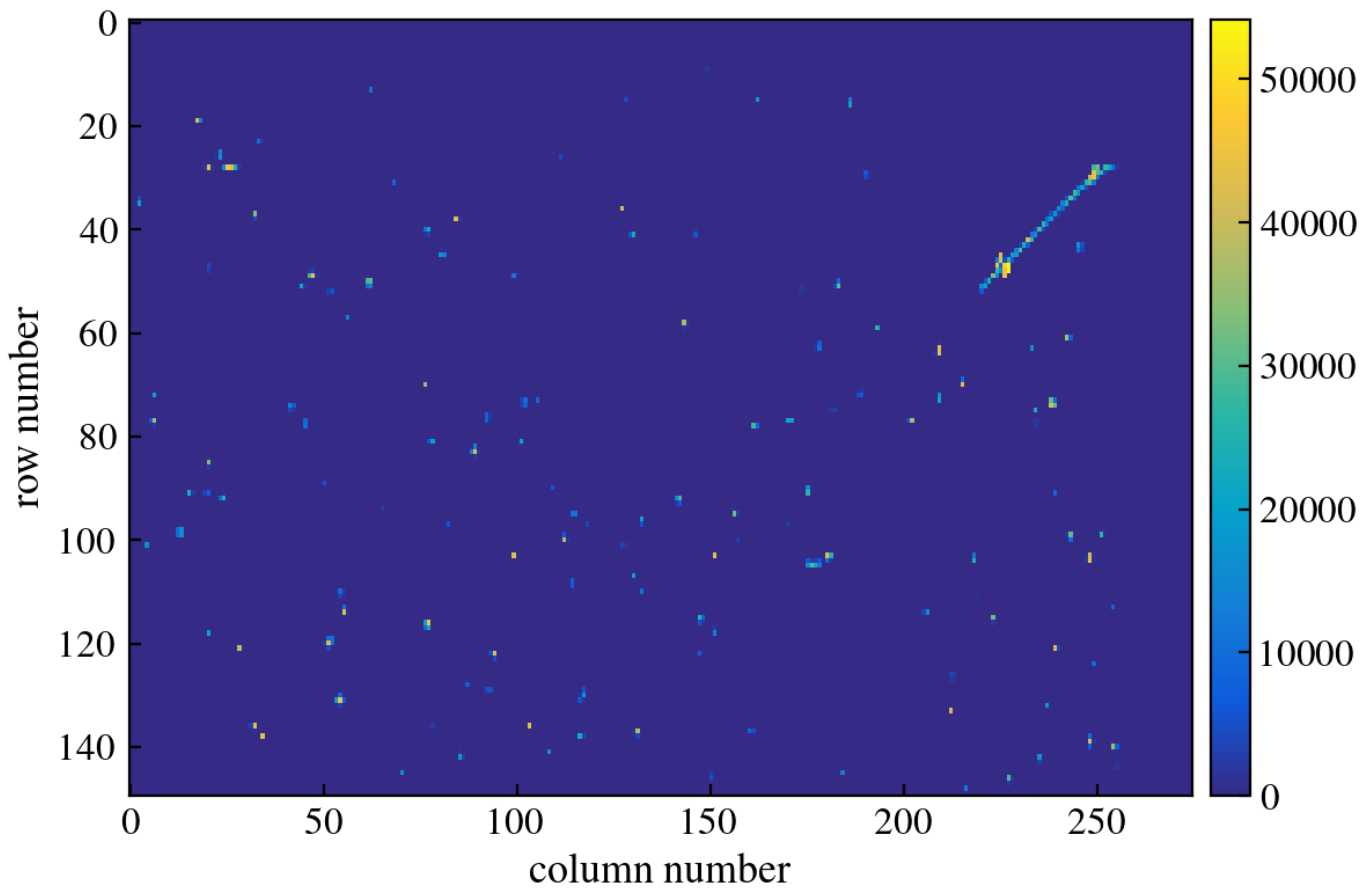


Figure 373: CCD Image

CCD Image: run 147, image 46  
[class MECCDImage]

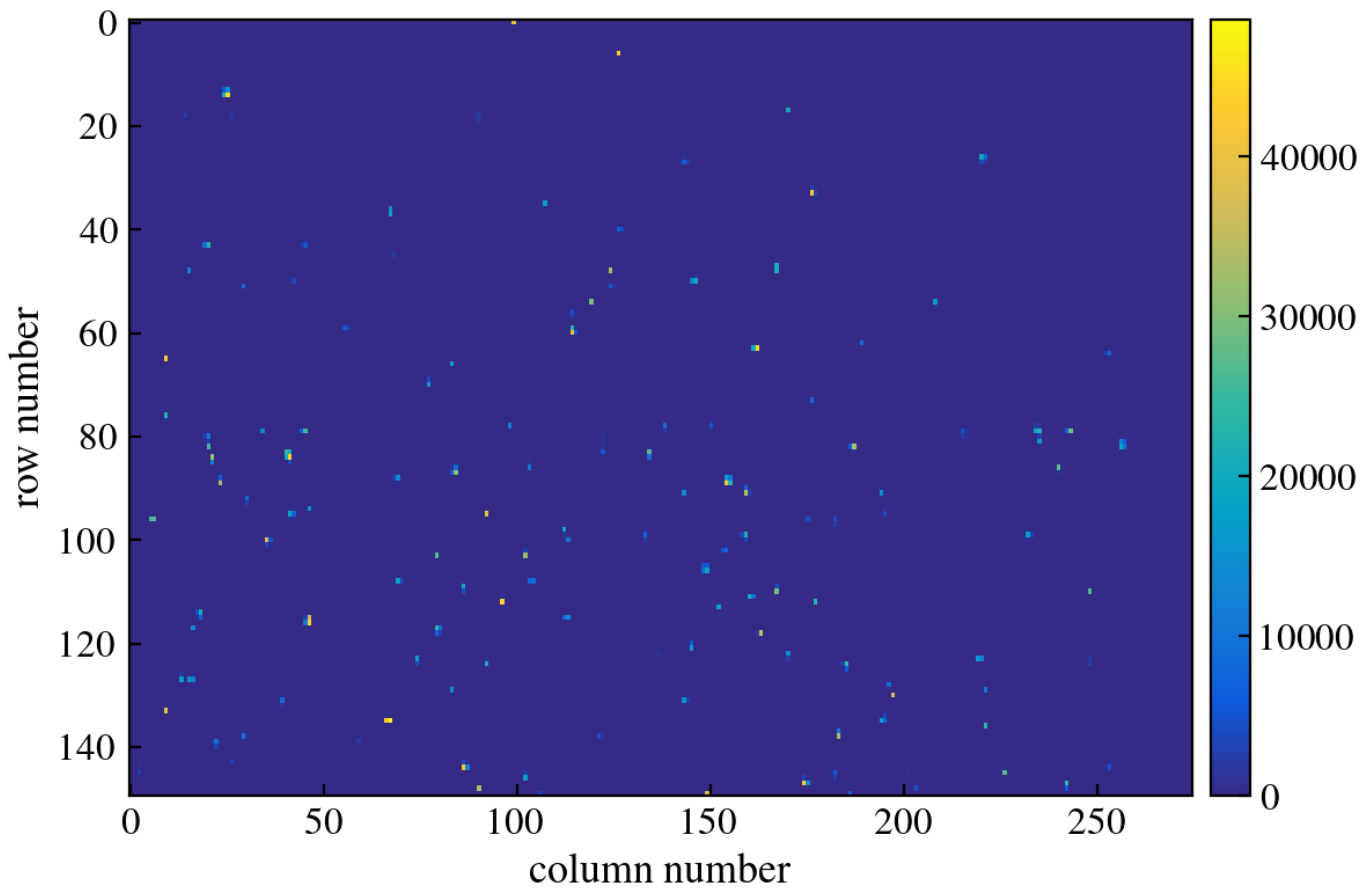


Figure 374: CCD Image

CCD Image: run 147, image 47  
[class MECCDImage]

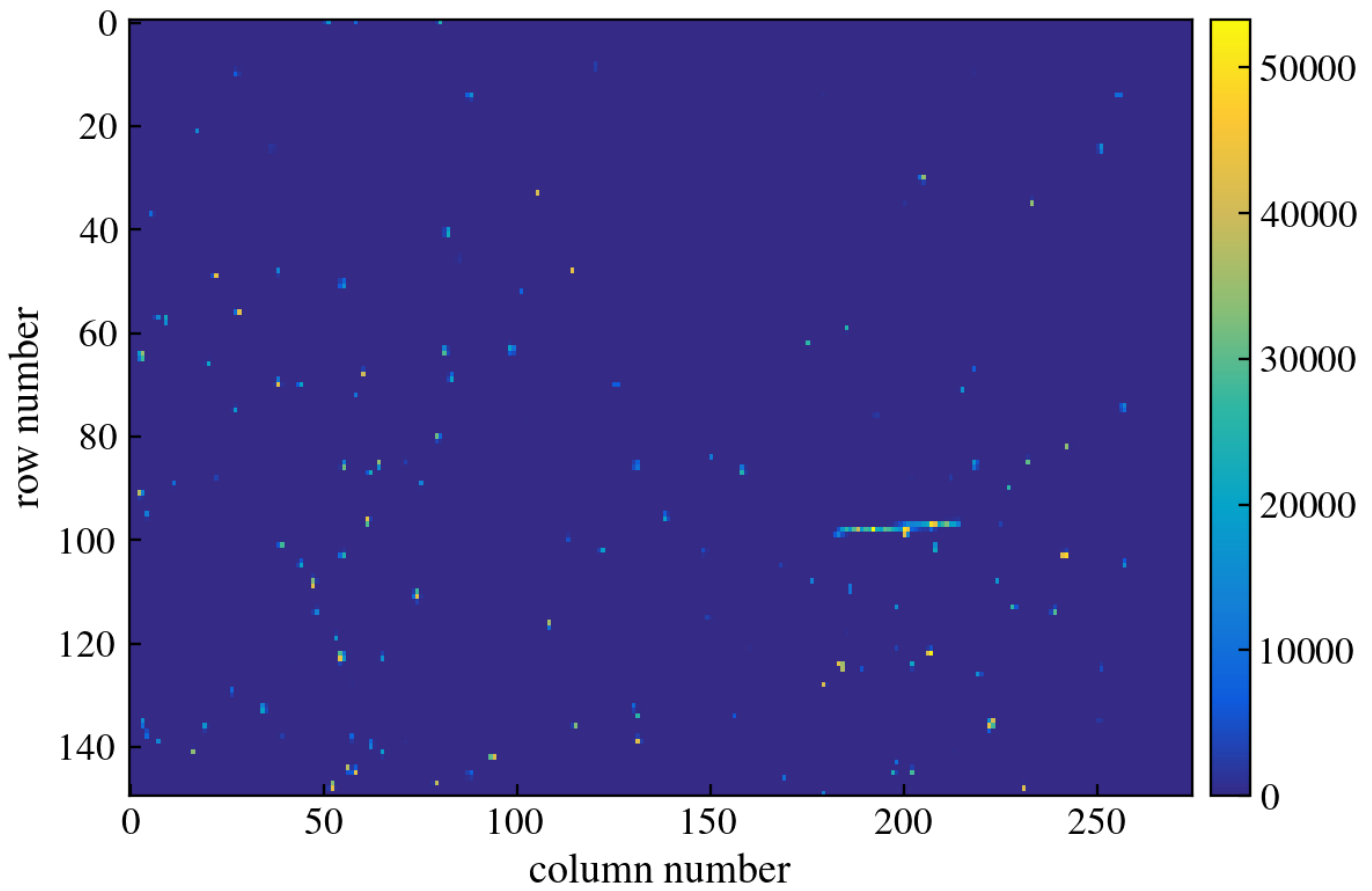


Figure 375: CCD Image

CCD Image: run 147, image 48  
[class MECCDImage]

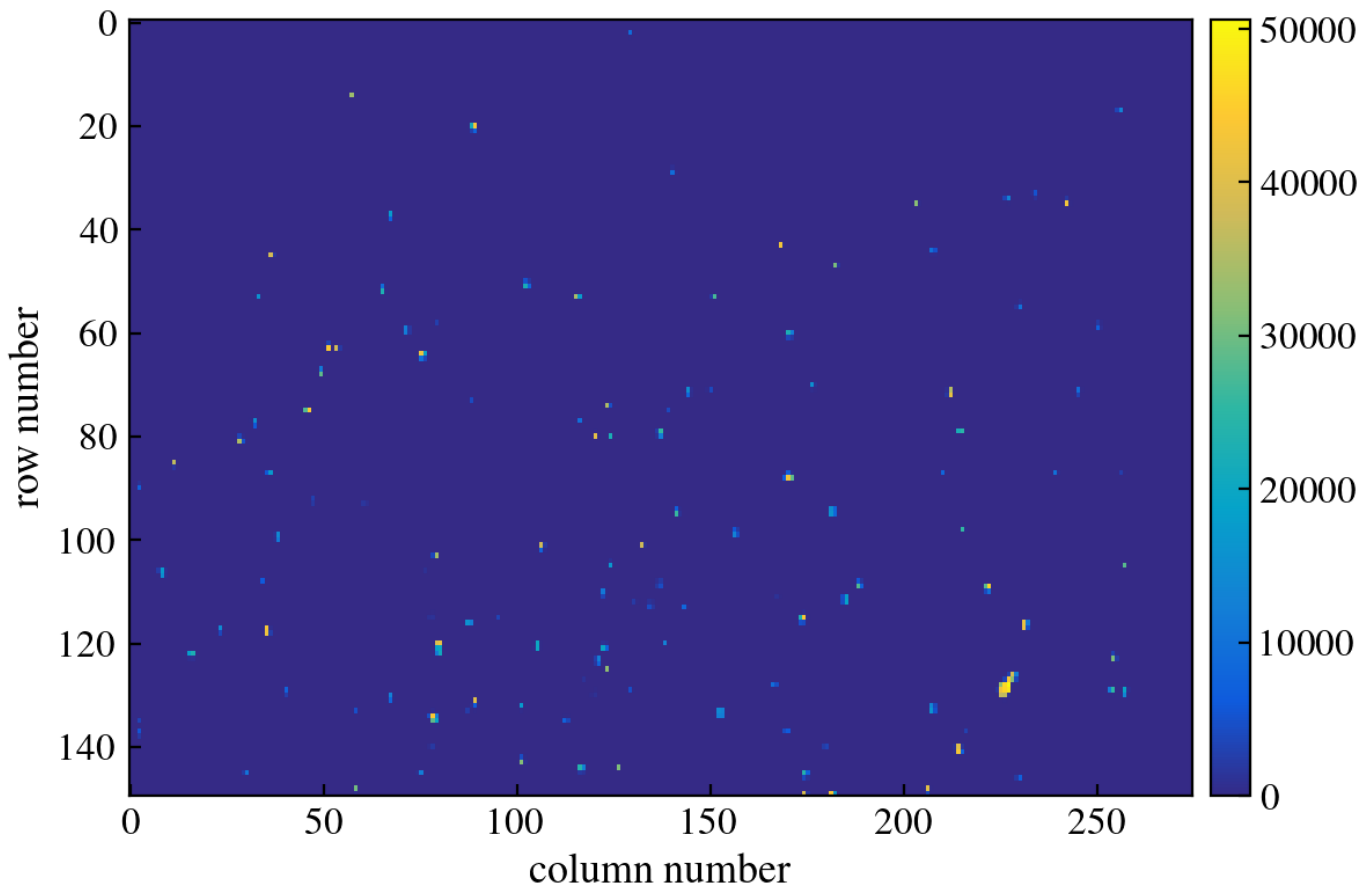


Figure 376: CCD Image

CCD Image: run 147, image 49  
[class MECCDImage]

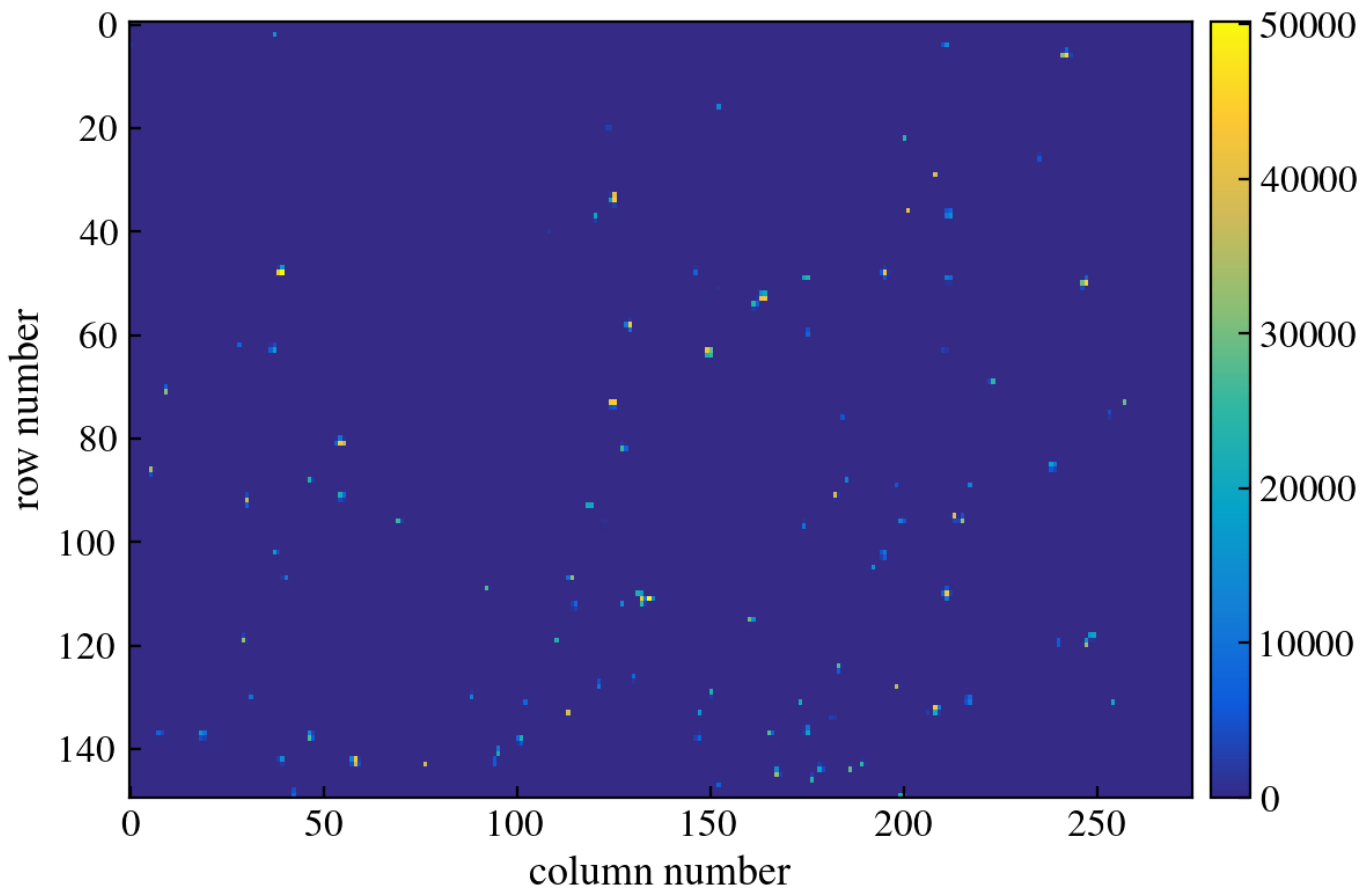


Figure 377: CCD Image

CCD Image: run 147, image 5  
[class MECCDImage]

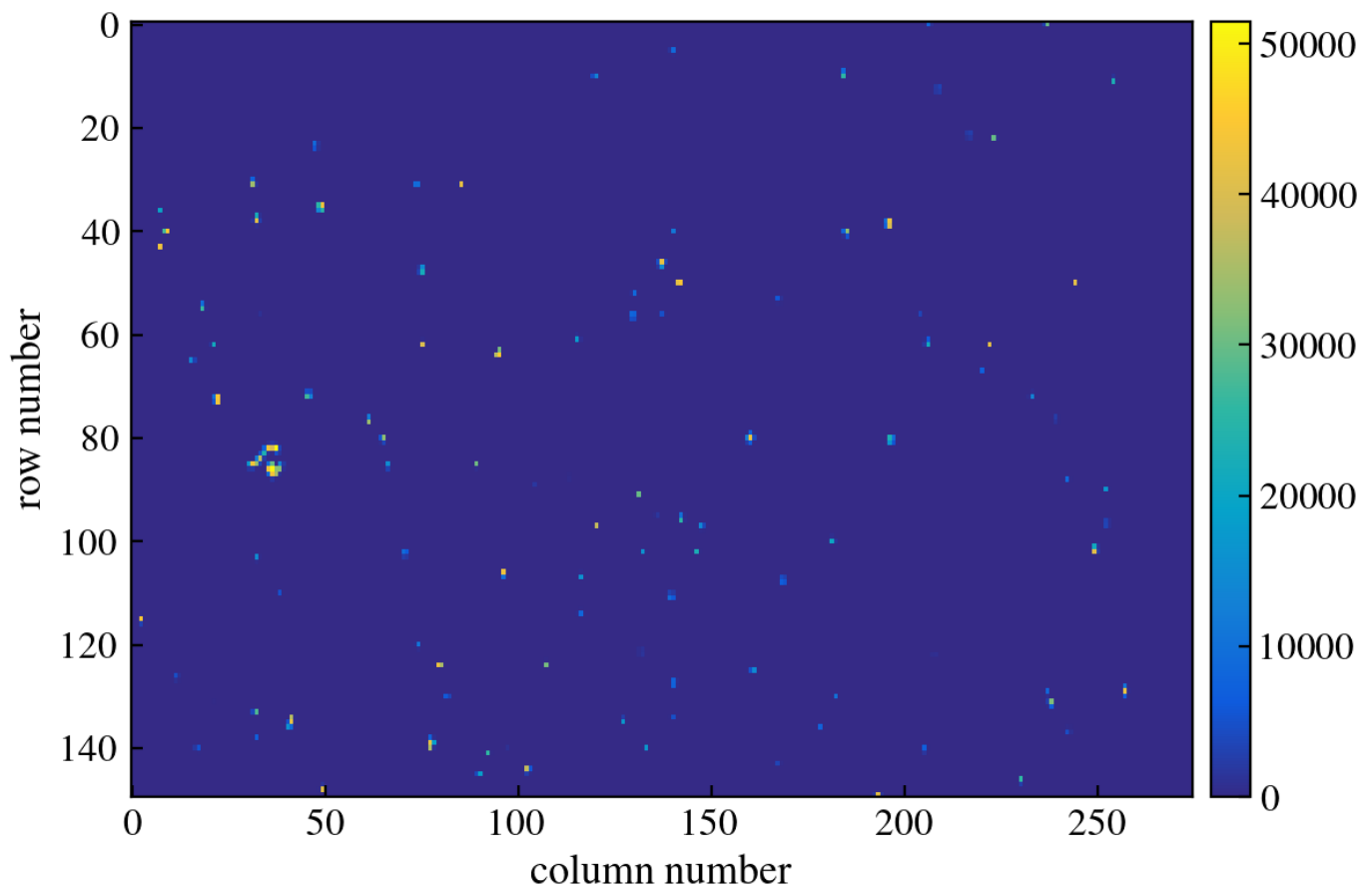


Figure 378: CCD Image

CCD Image: run 147, image 50  
[class MECCDImage]

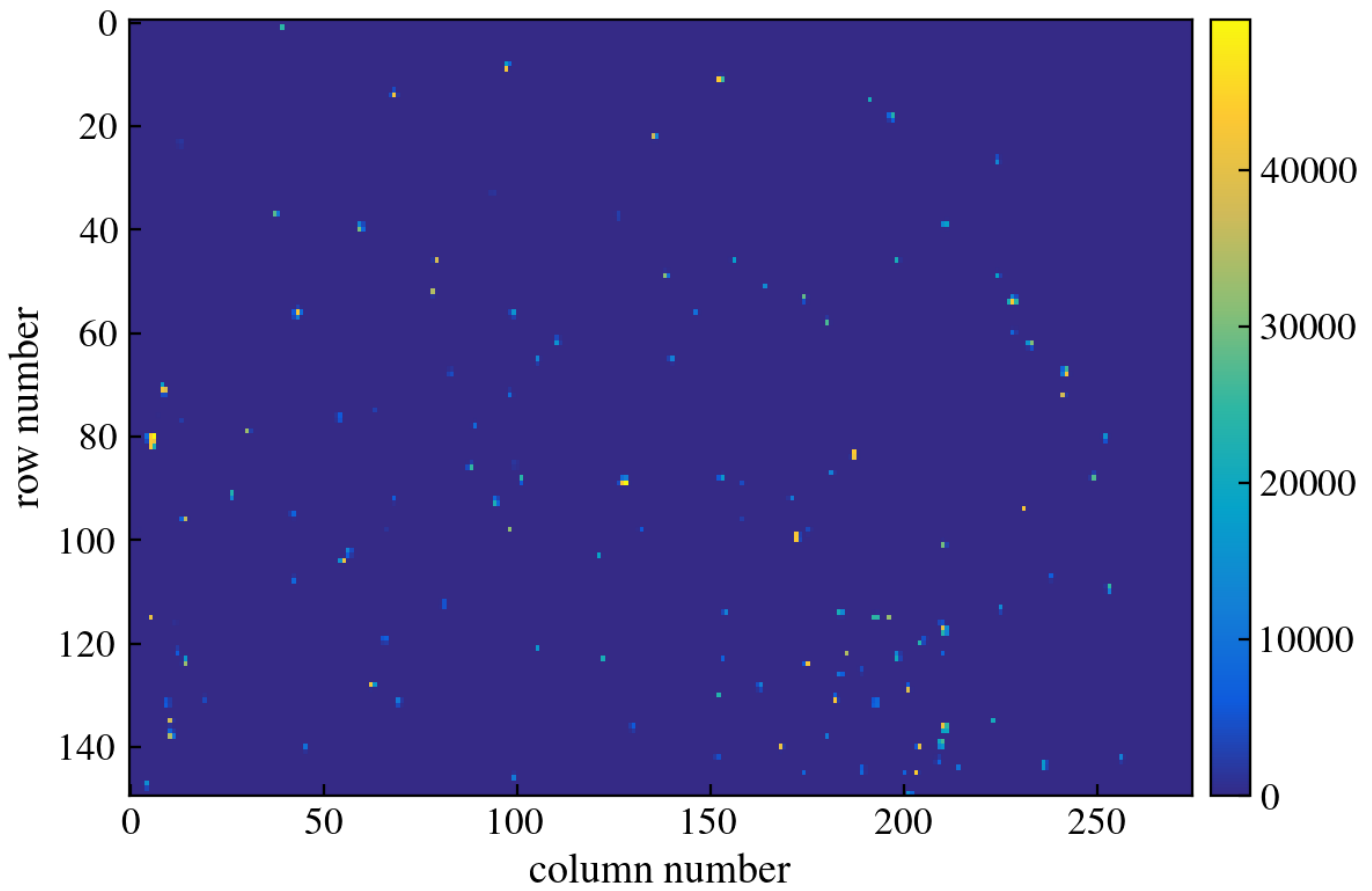


Figure 379: CCD Image



CCD Image: run 147, image 51  
[class MECCDImage]

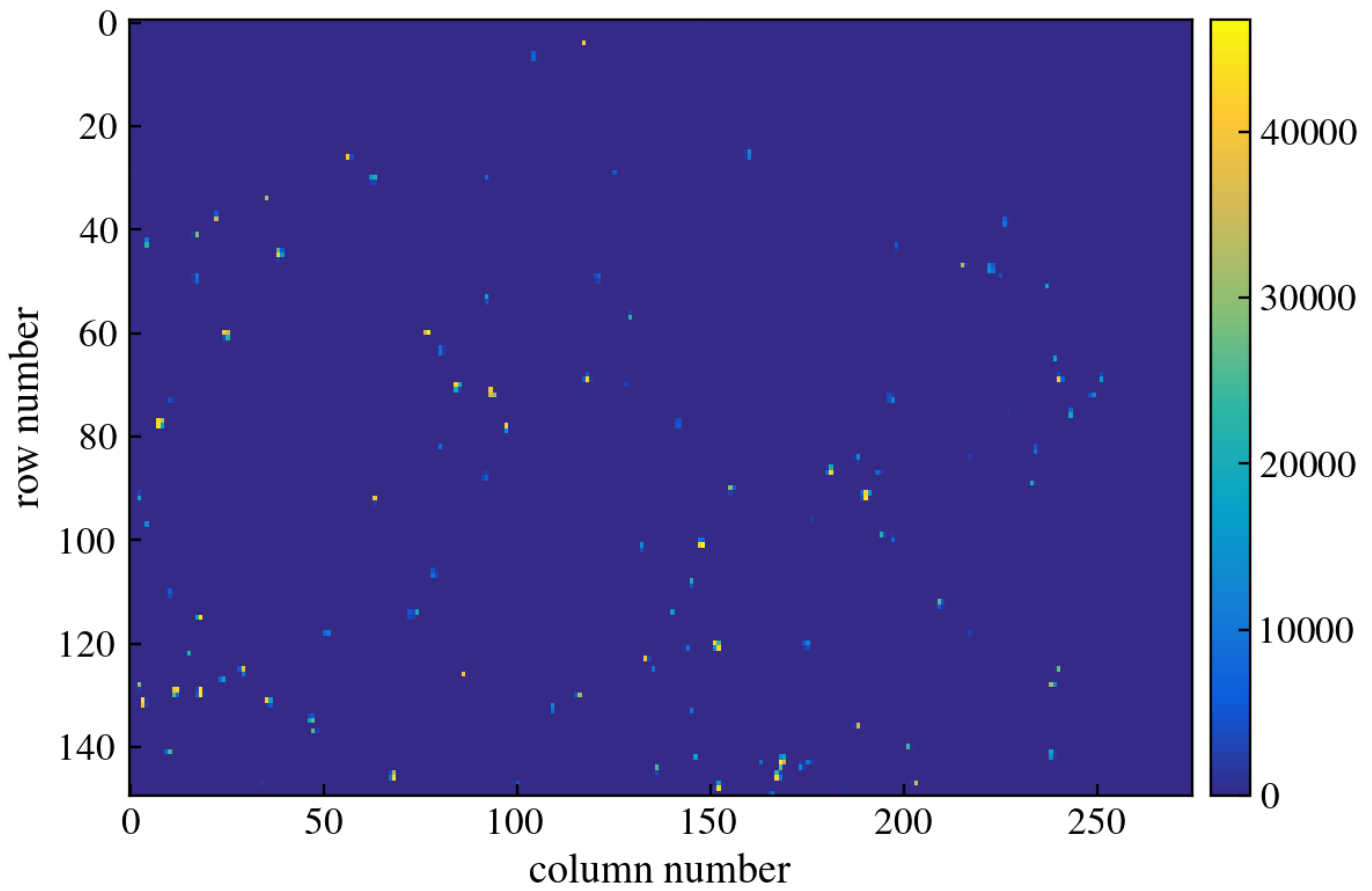


Figure 380: CCD Image

CCD Image: run 147, image 52  
[class MECCDImage]

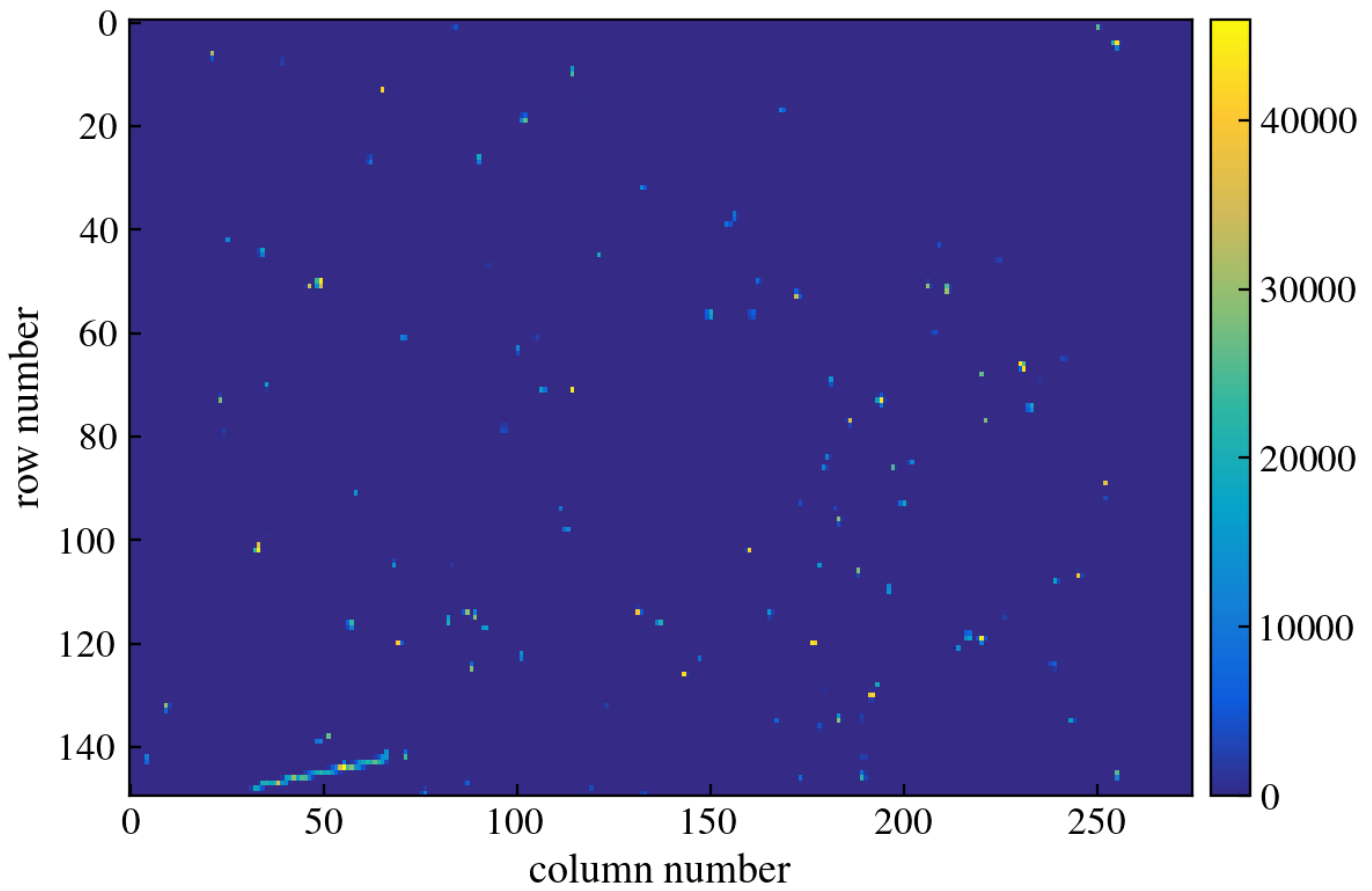


Figure 381: CCD Image

CCD Image: run 147, image 53  
[class MECCDImage]

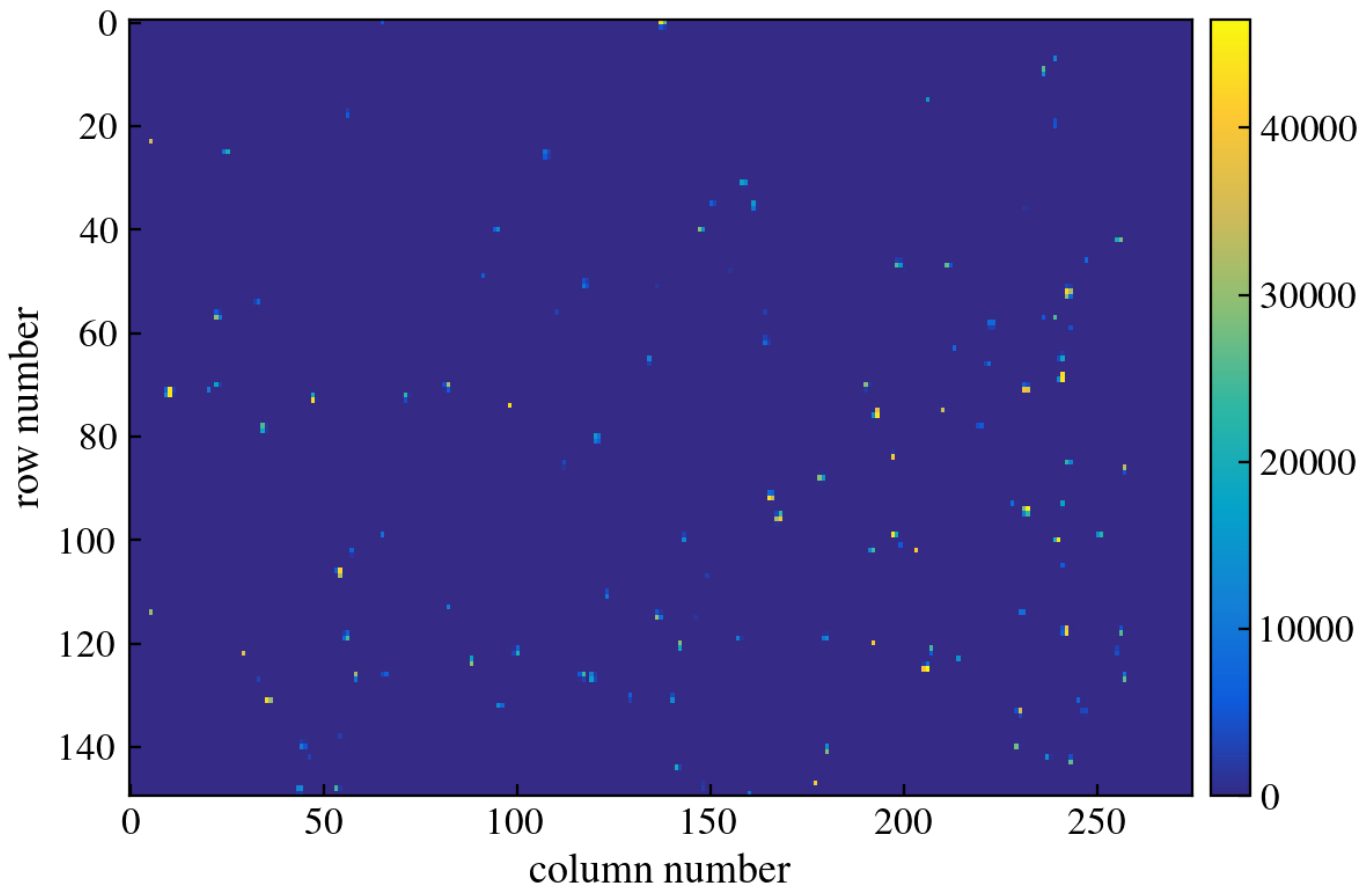


Figure 382: CCD Image

CCD Image: run 147, image 54  
[class MECCDImage]

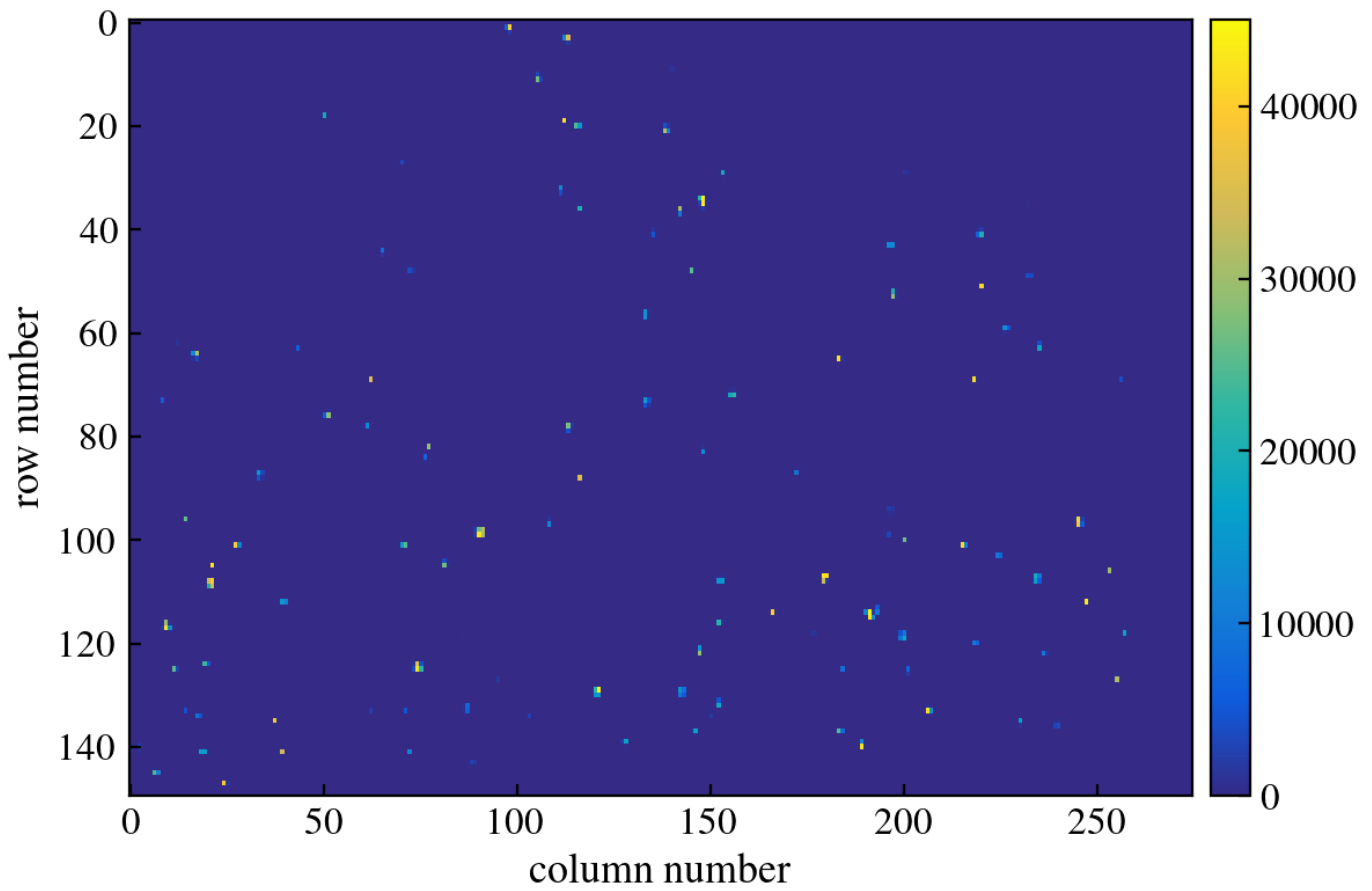


Figure 383: CCD Image

CCD Image: run 147, image 55  
[class MECCDImage]

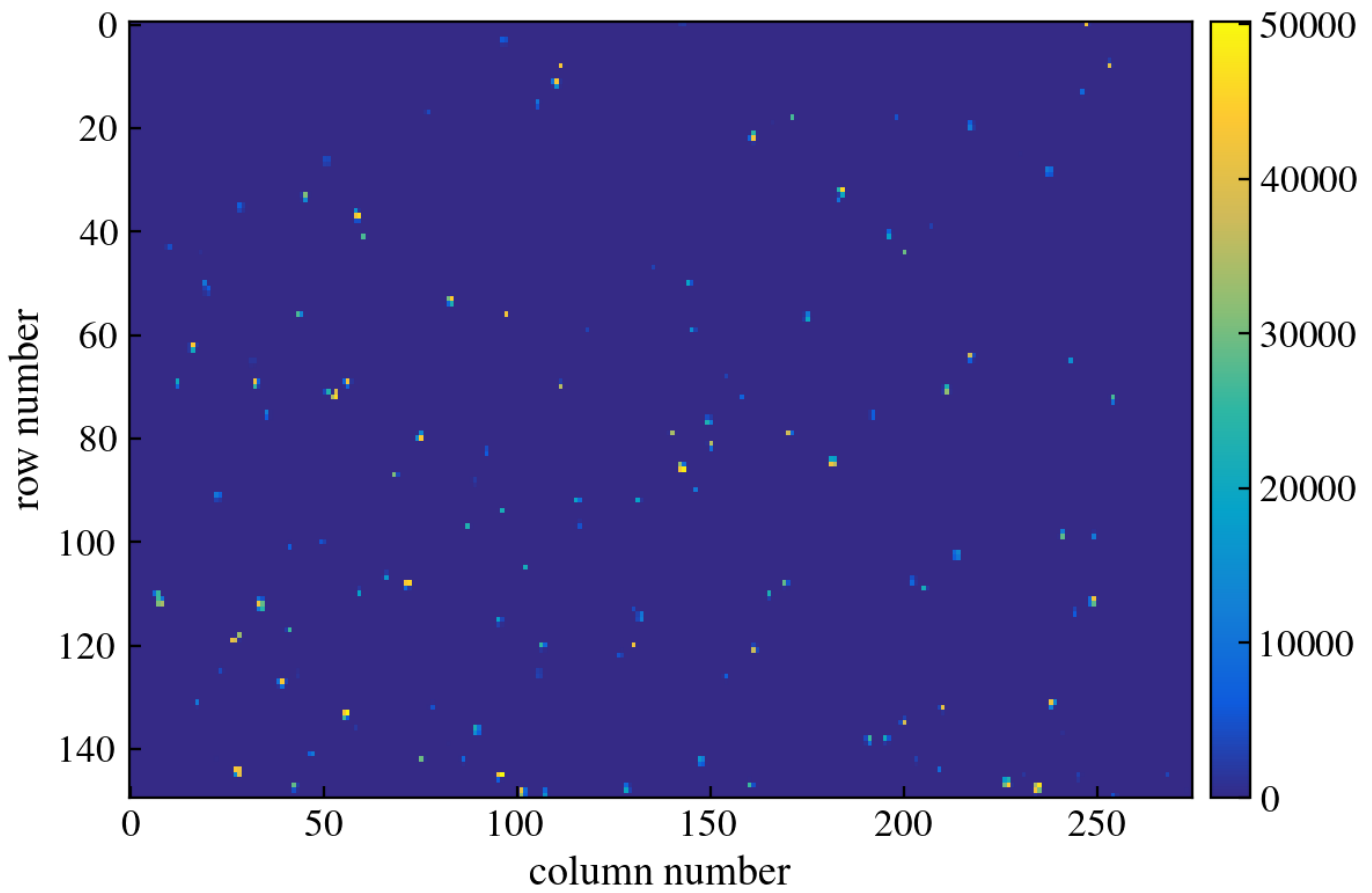


Figure 384: CCD Image

CCD Image: run 147, image 56  
[class MECCDImage]

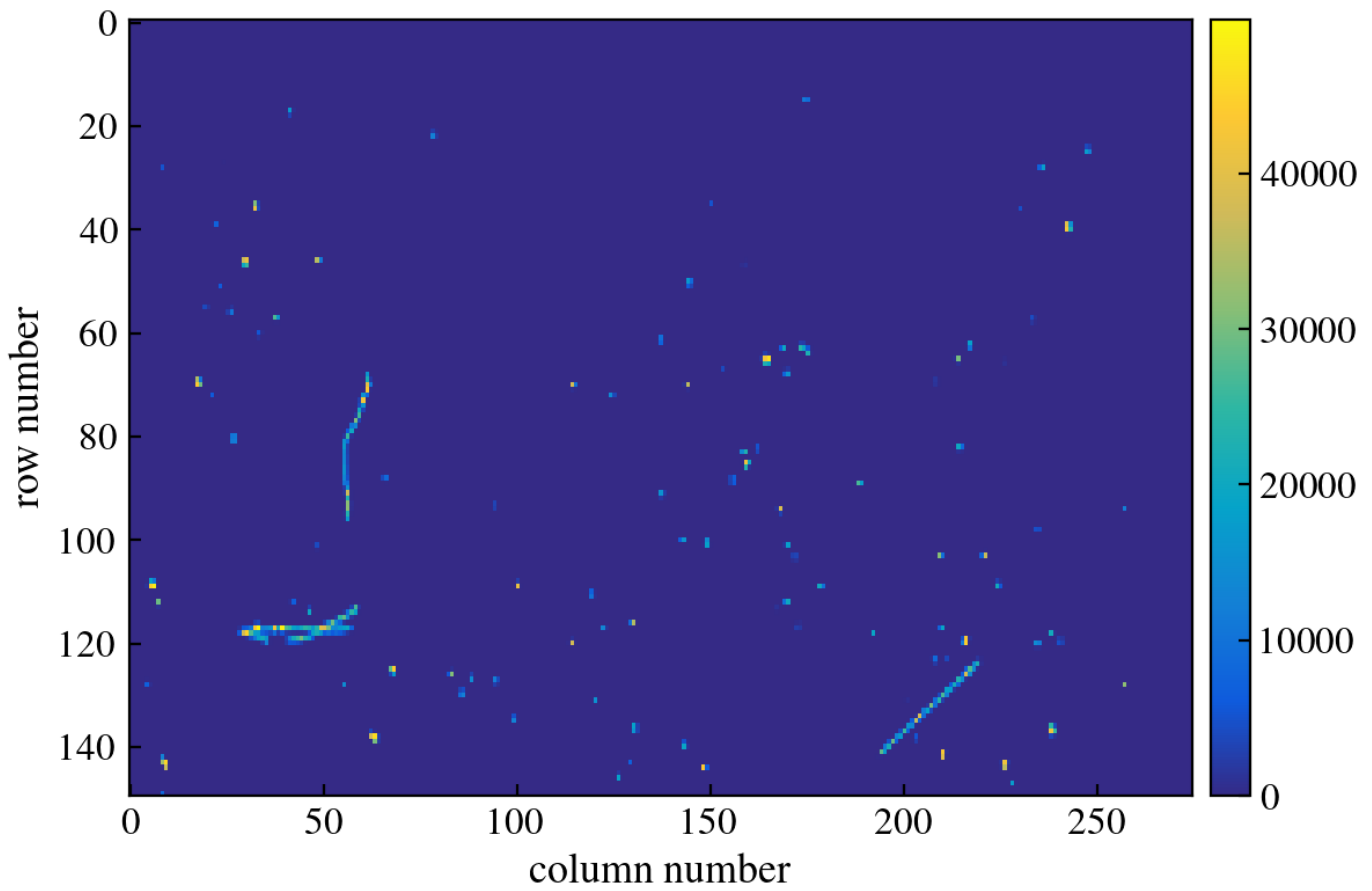


Figure 385: CCD Image

CCD Image: run 147, image 57  
[class MECCDImage]

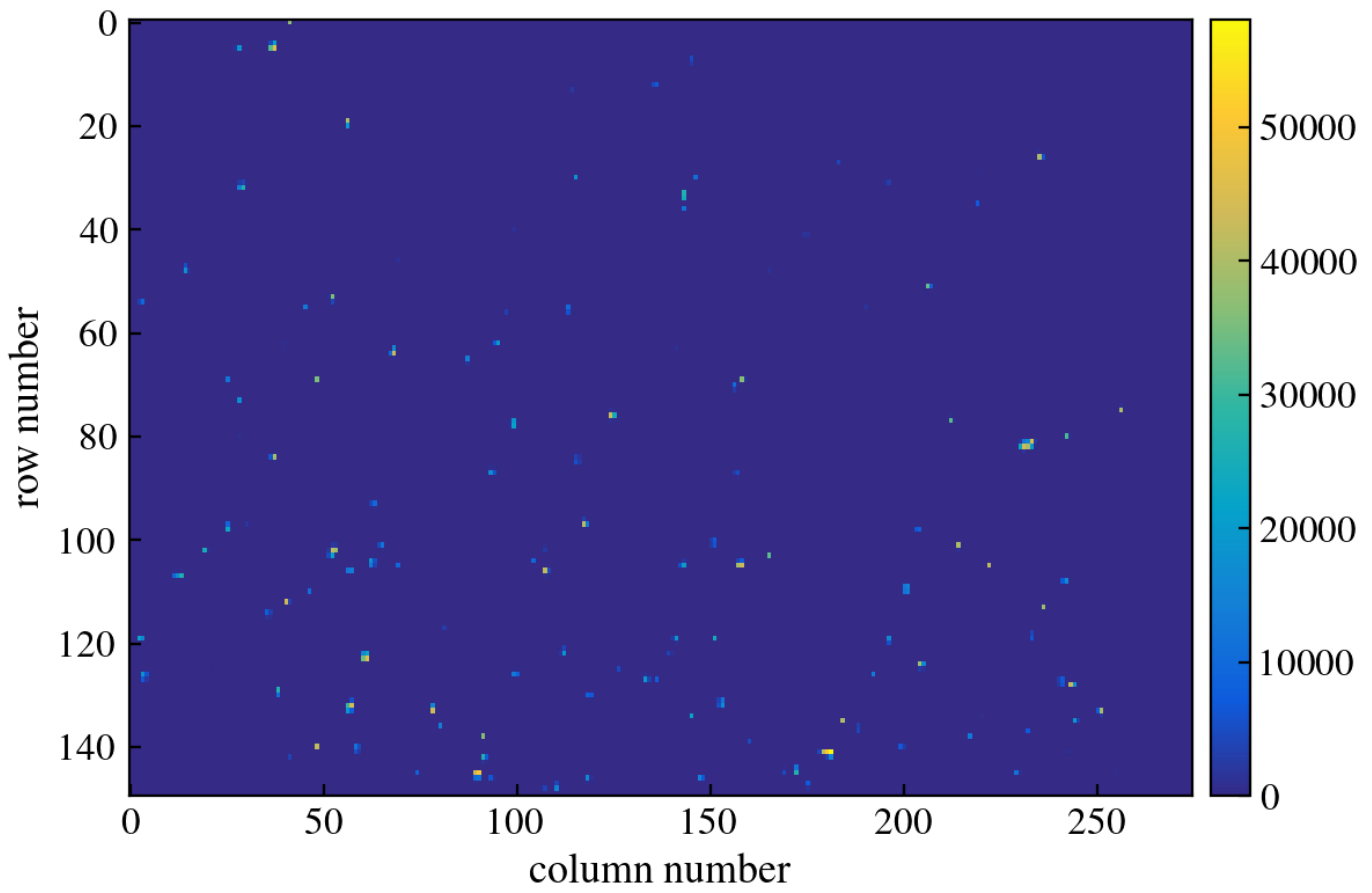


Figure 386: CCD Image

CCD Image: run 147, image 58  
[class MECCDImage]

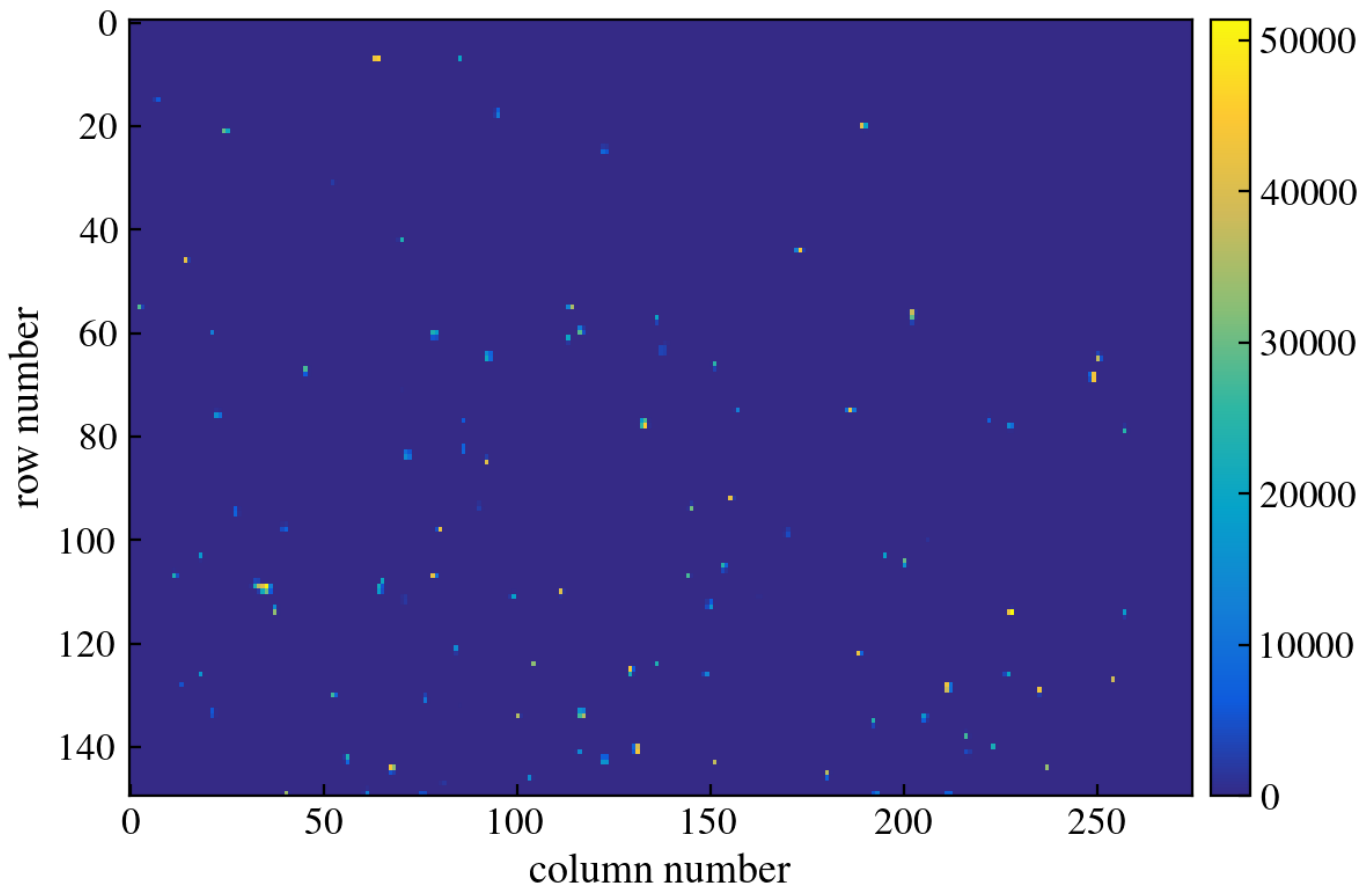


Figure 387: CCD Image



CCD Image: run 147, image 59  
[class MECCDImage]

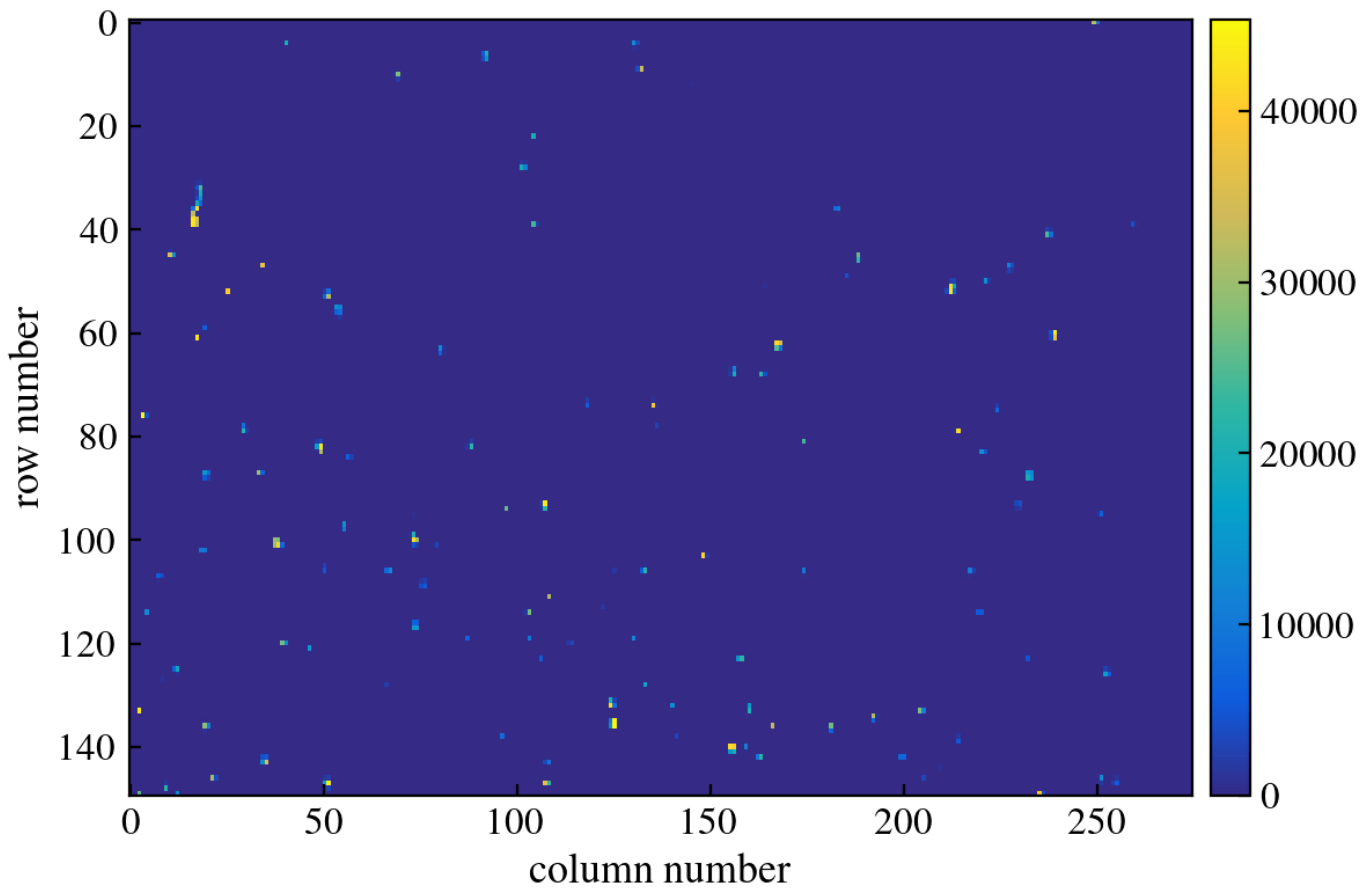


Figure 388: CCD Image

CCD Image: run 147, image 6  
[class MECCDImage]

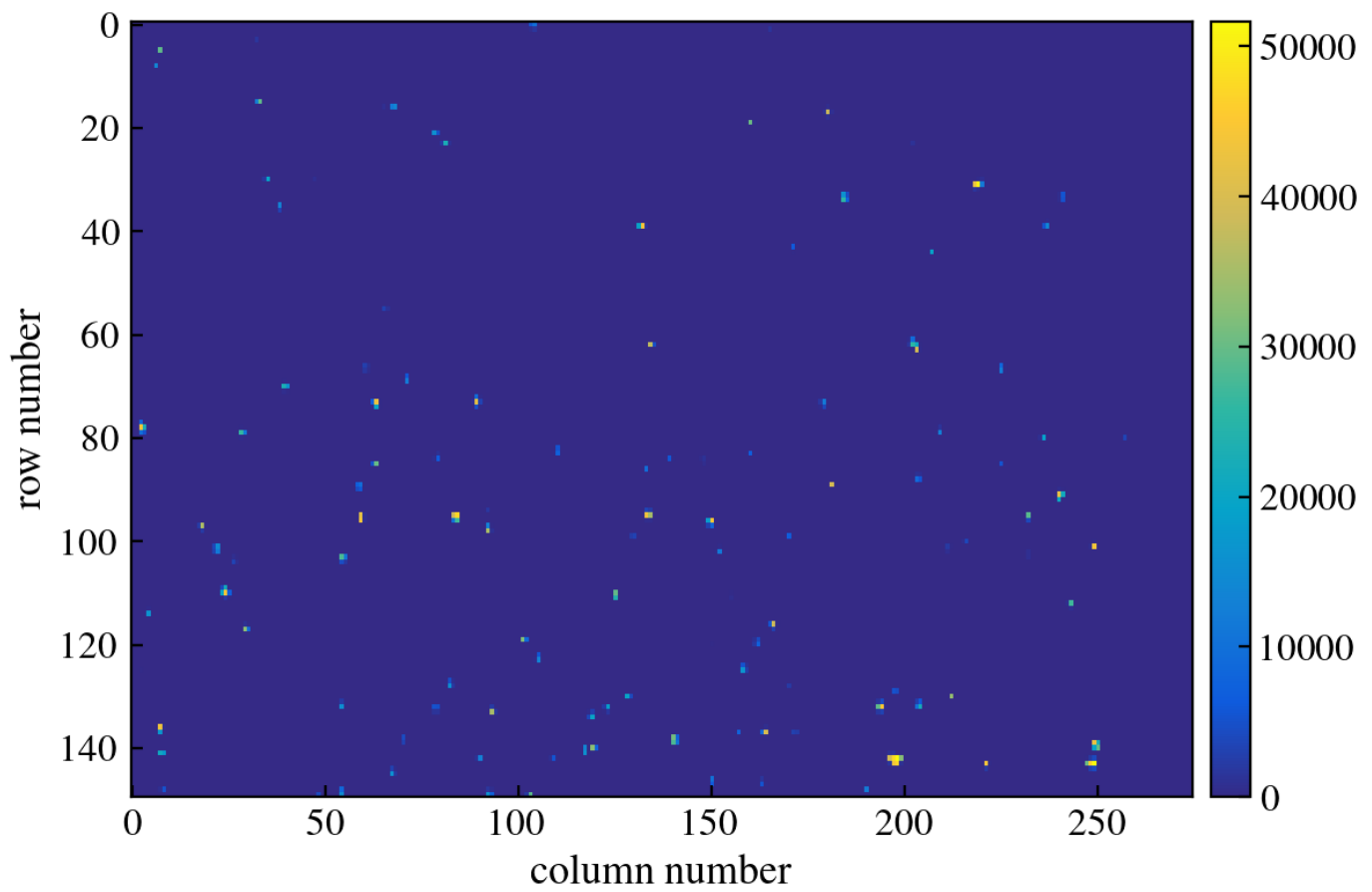


Figure 389: CCD Image

CCD Image: run 147, image 60  
[class MECCDImage]

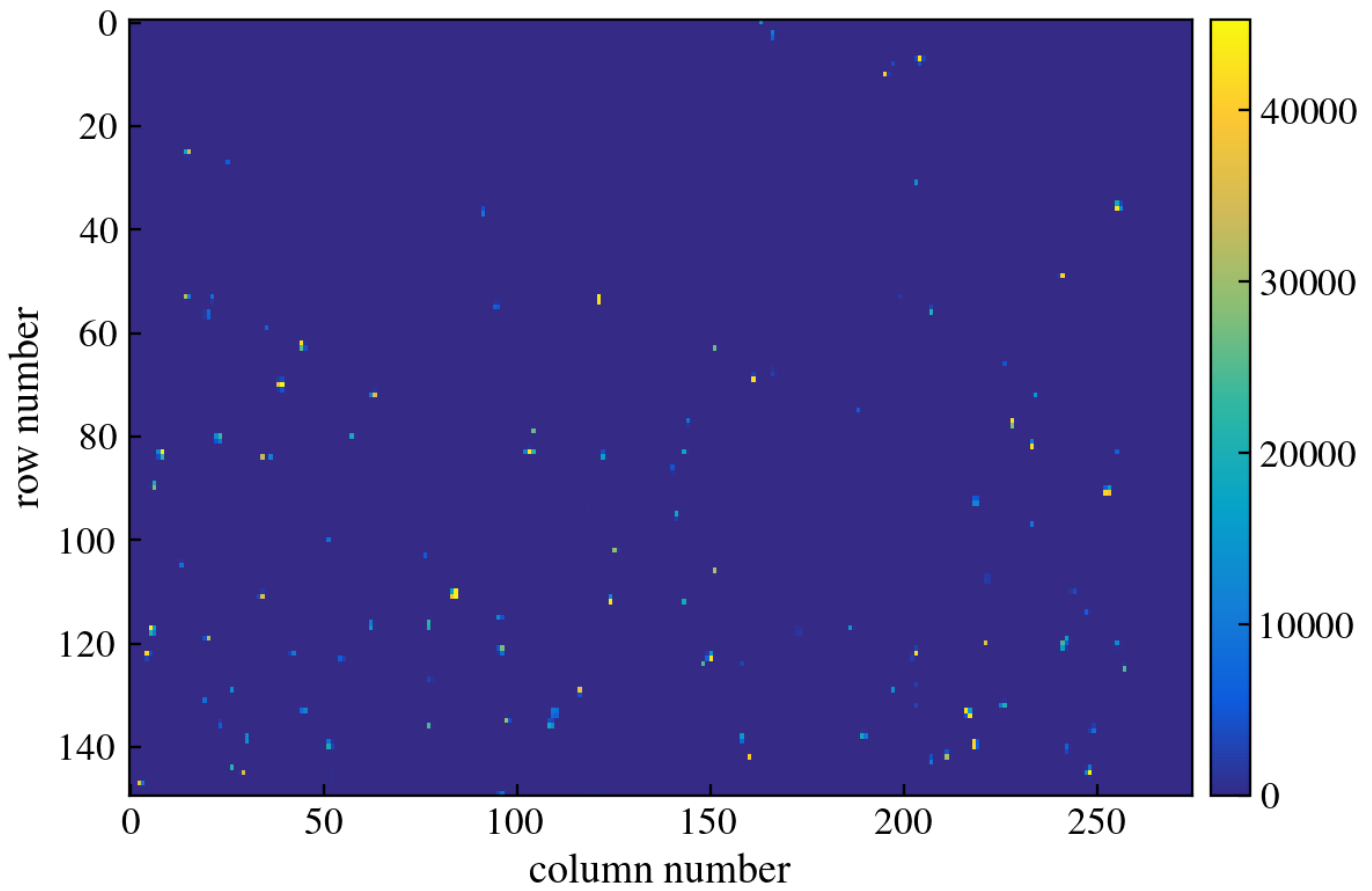


Figure 390: CCD Image

CCD Image: run 147, image 61  
[class MECCDImage]

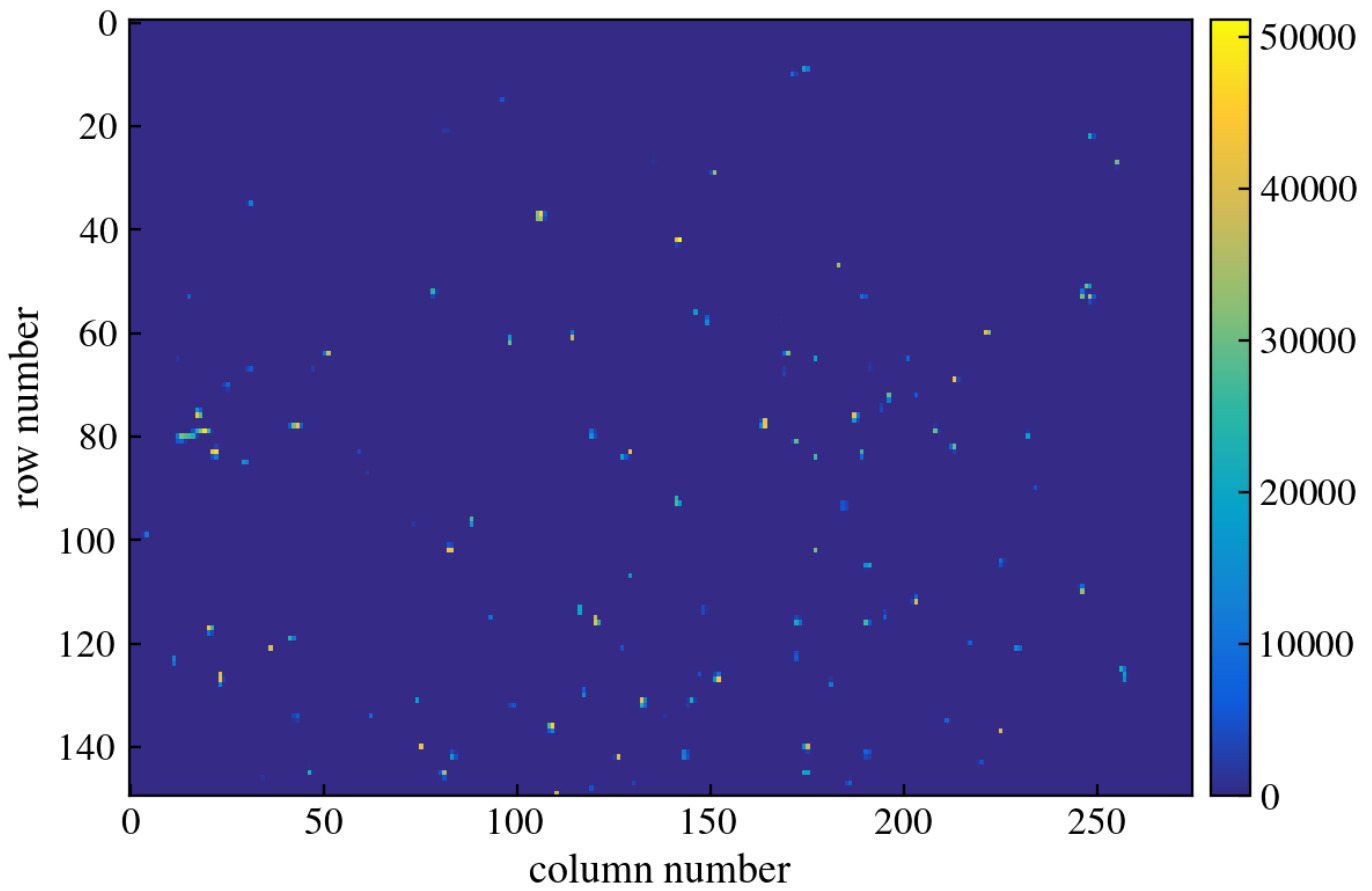


Figure 391: CCD Image

CCD Image: run 147, image 62  
[class MECCDImage]

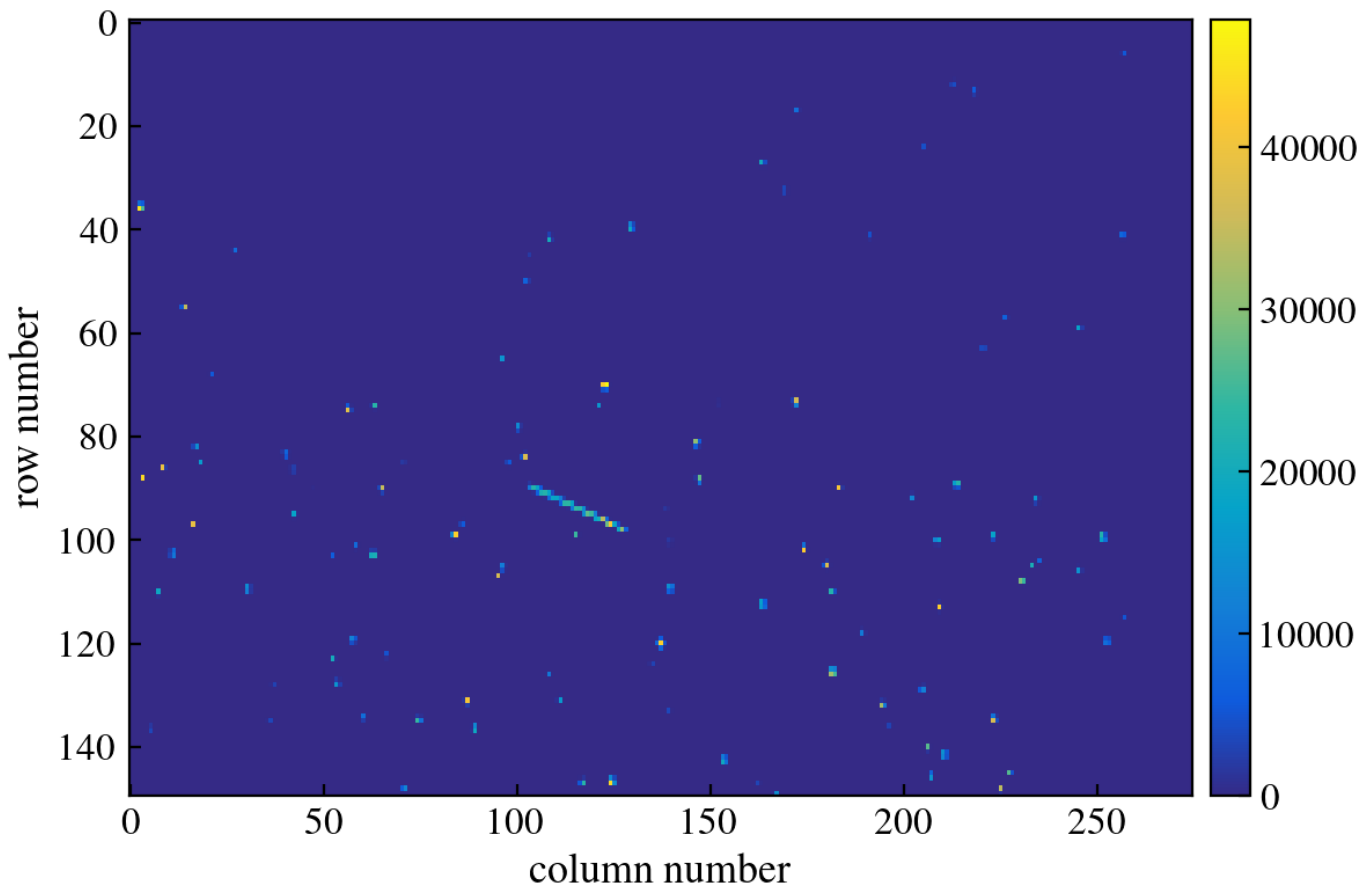


Figure 392: CCD Image

CCD Image: run 147, image 63  
[class MECCDImage]

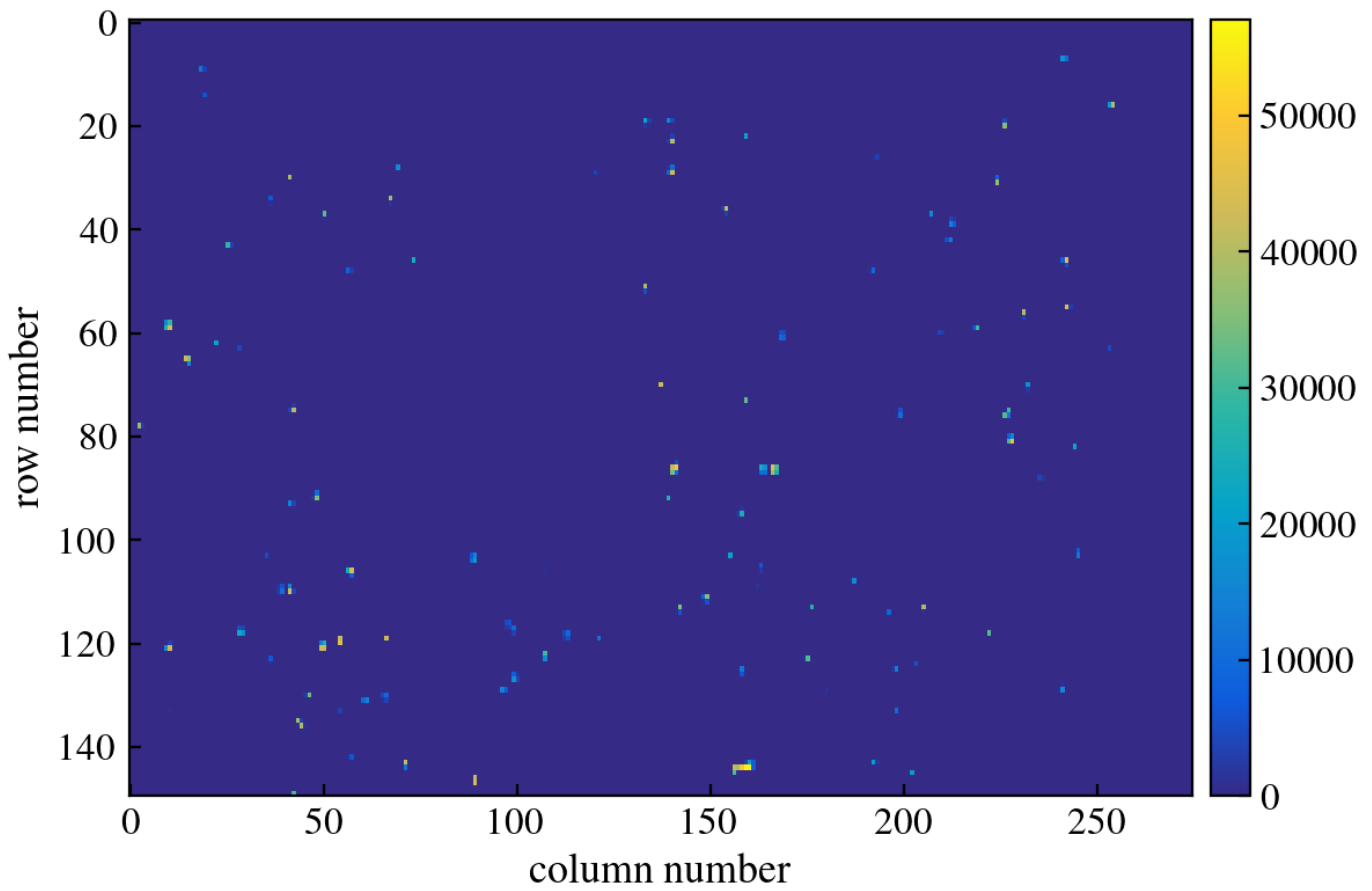


Figure 393: CCD Image

CCD Image: run 147, image 64  
[class MECCDImage]

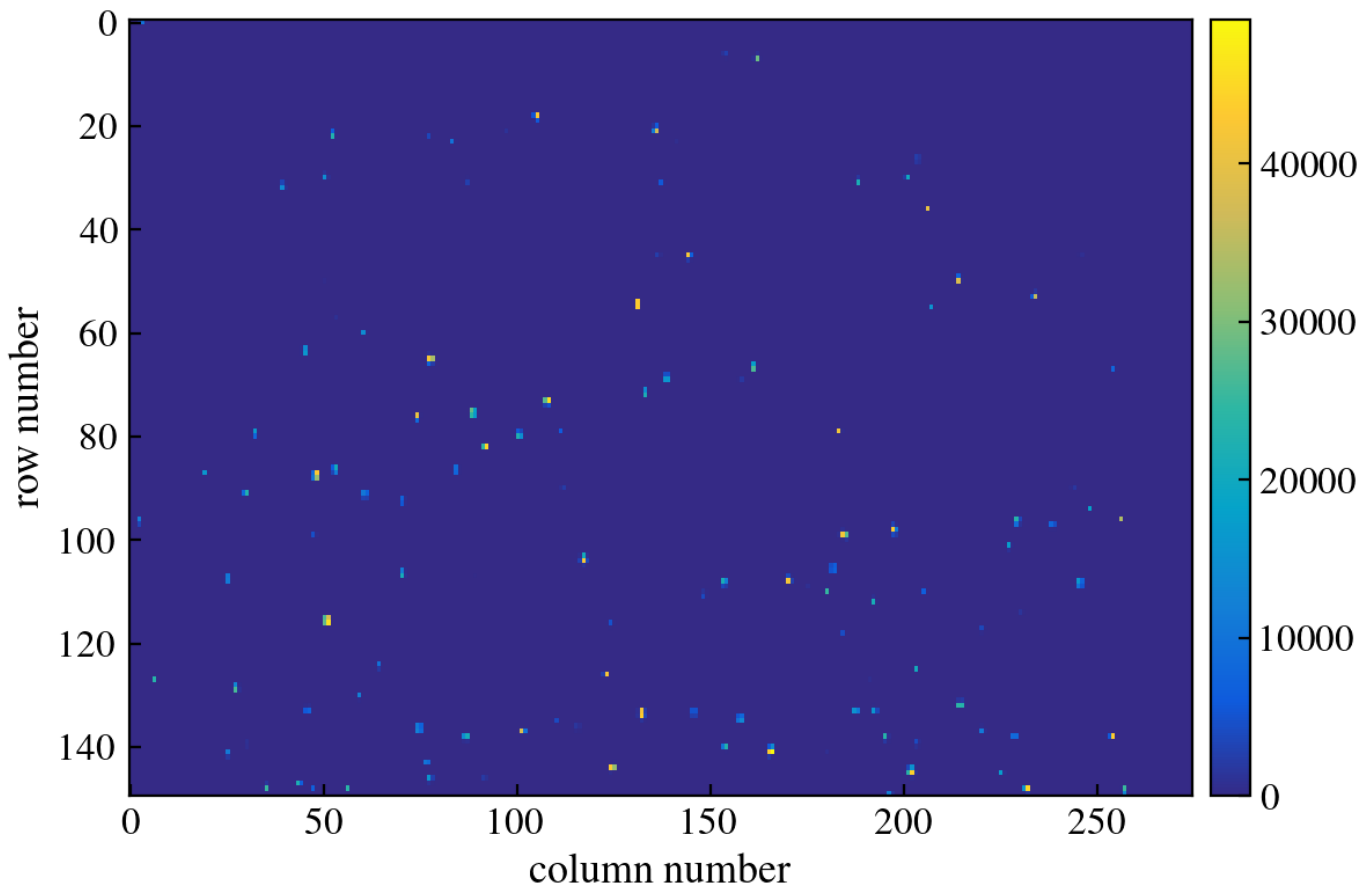


Figure 394: CCD Image

CCD Image: run 147, image 65  
[class MECCDImage]

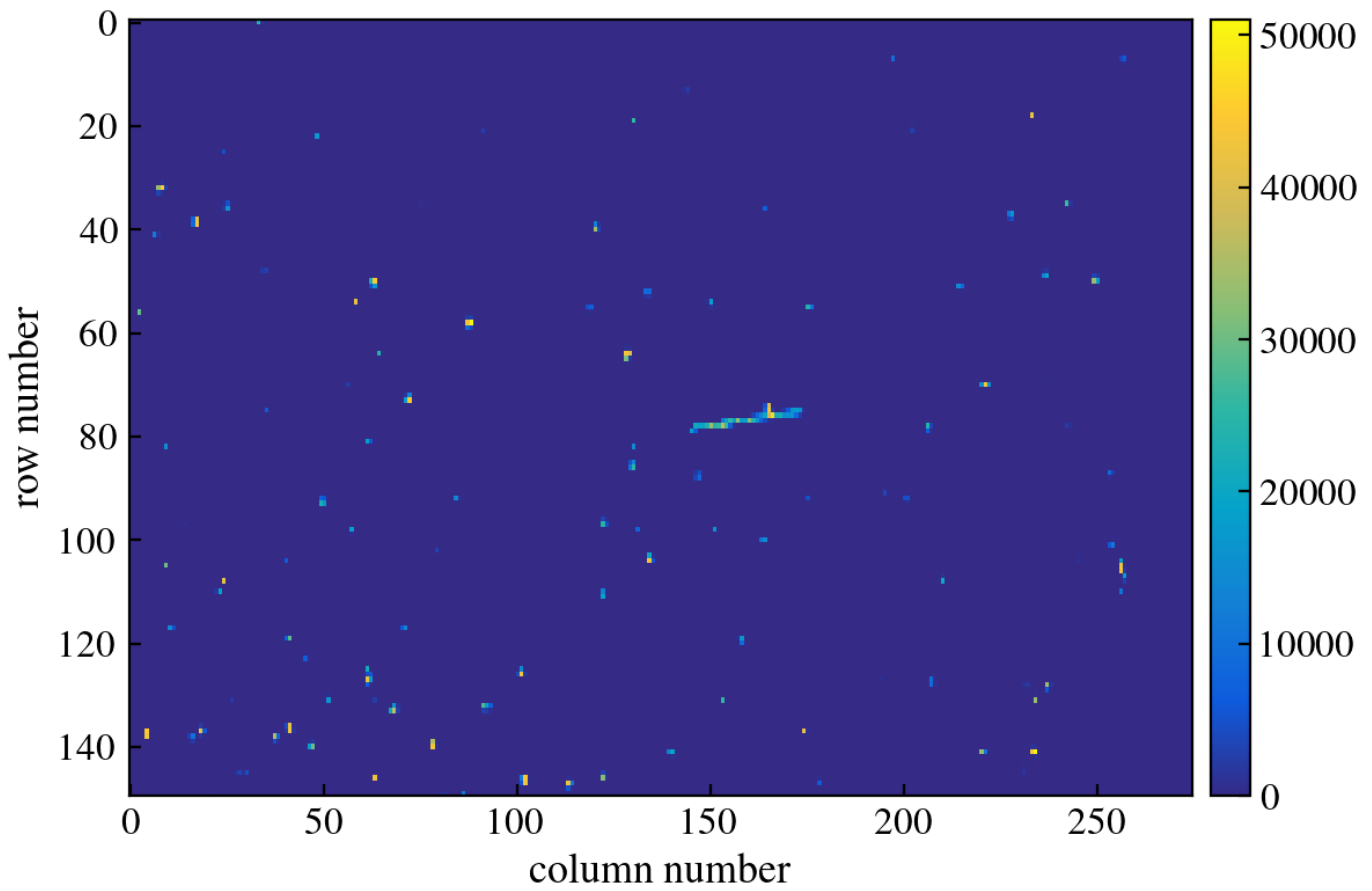


Figure 395: CCD Image



CCD Image: run 147, image 66  
[class MECCDImage]

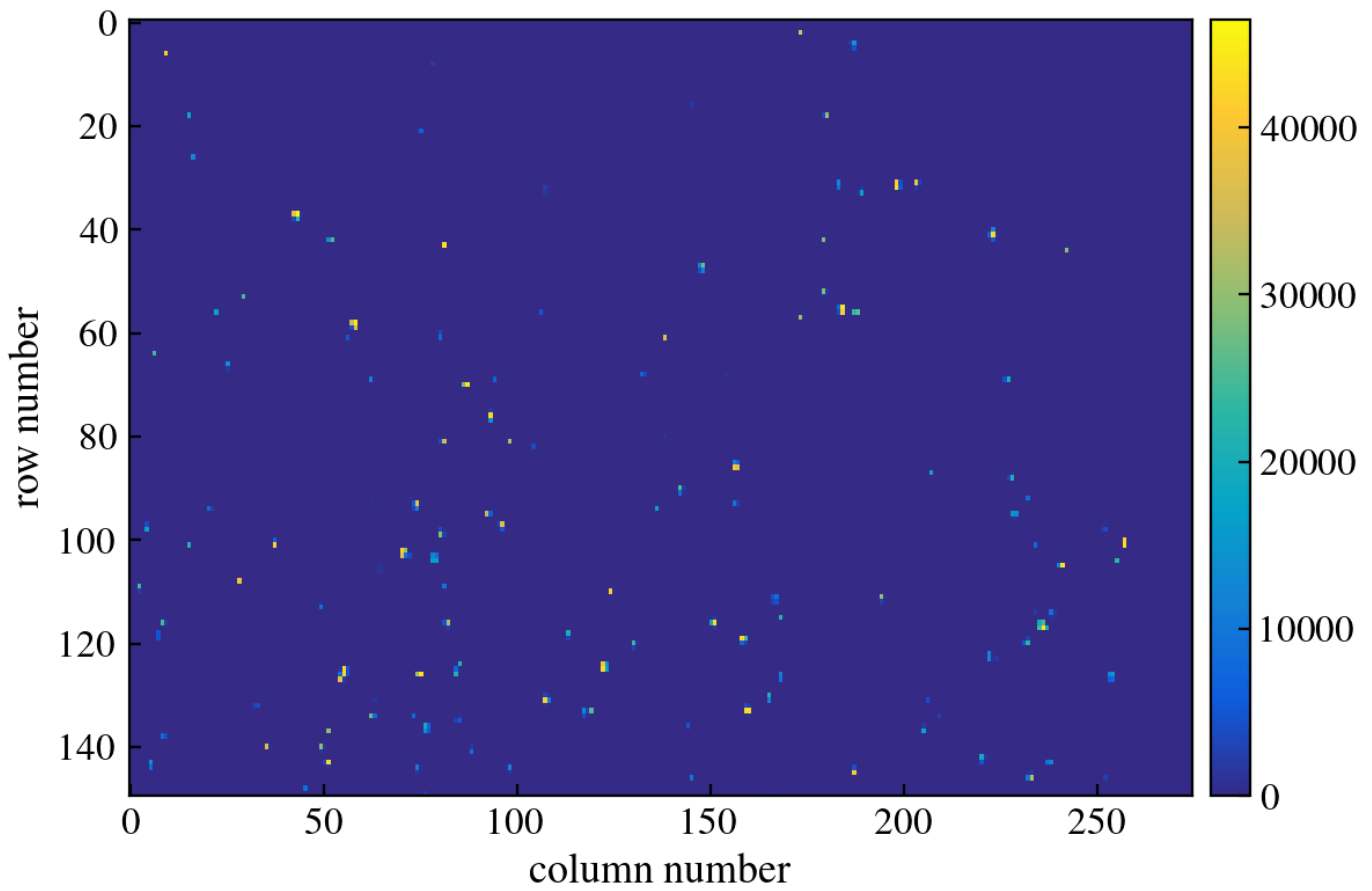


Figure 396: CCD Image

CCD Image: run 147, image 67  
[class MECCDImage]

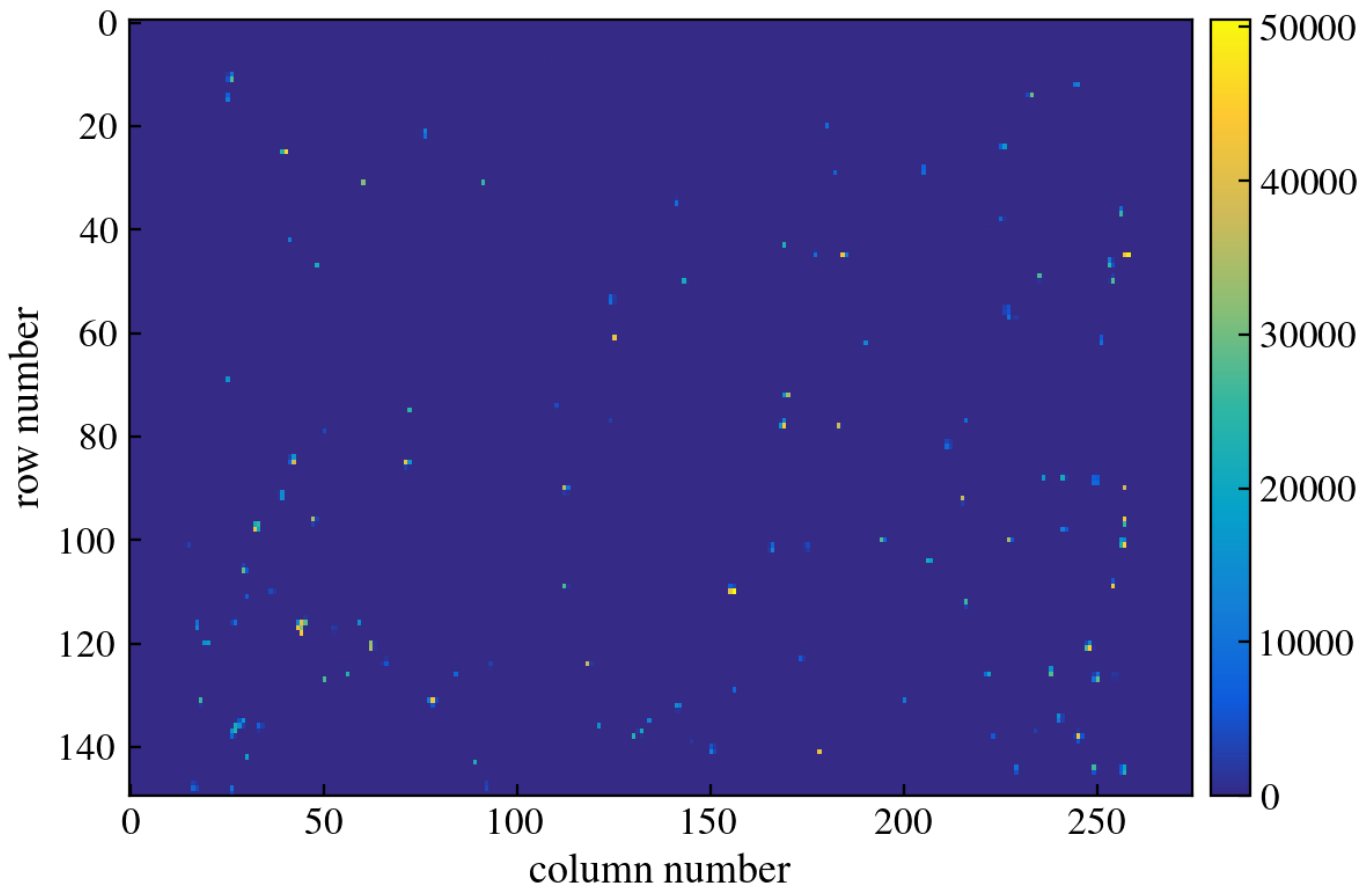


Figure 397: CCD Image

CCD Image: run 147, image 68  
[class MECCDImage]

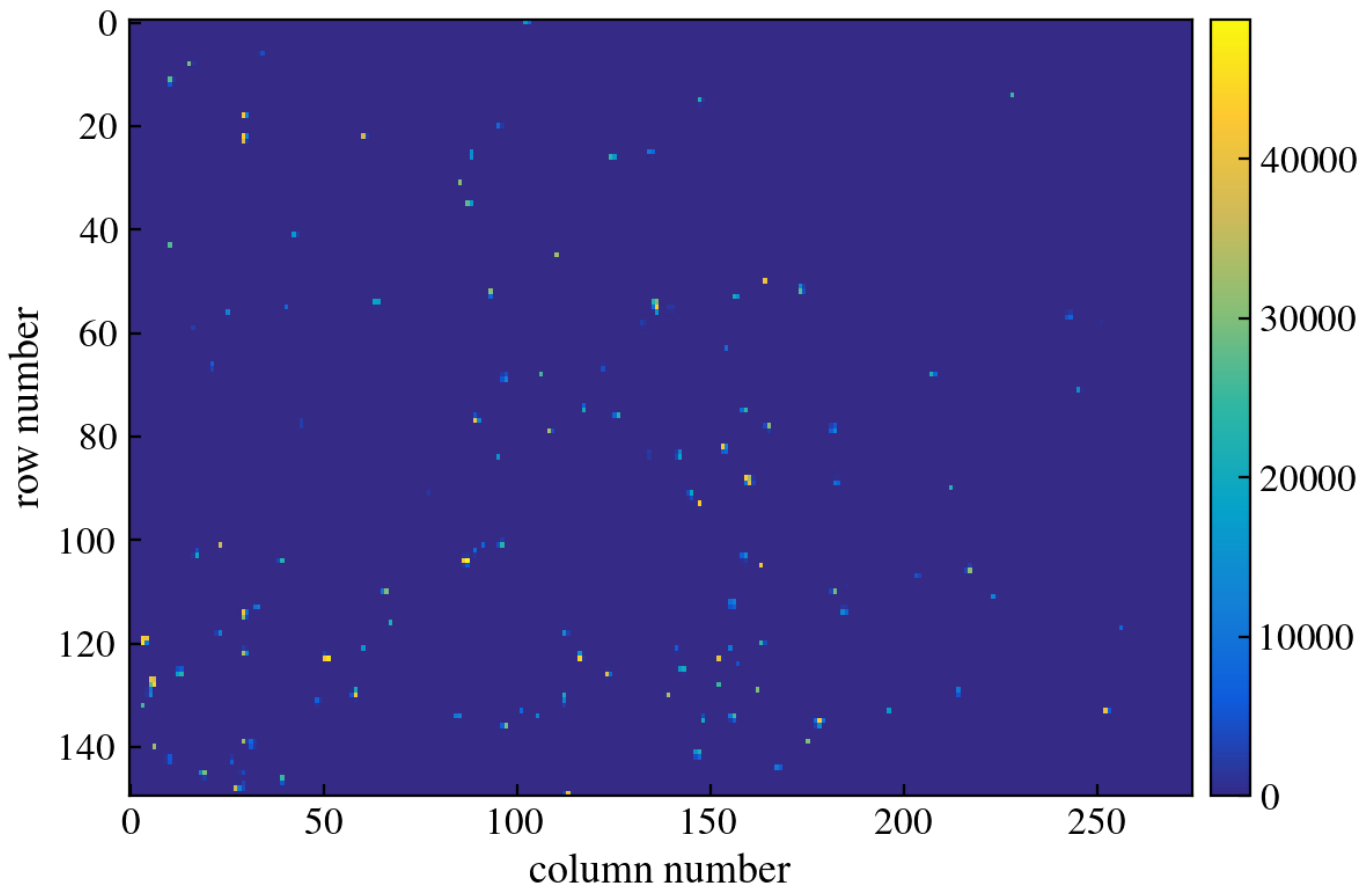


Figure 398: CCD Image

CCD Image: run 147, image 69  
[class MECCDImage]

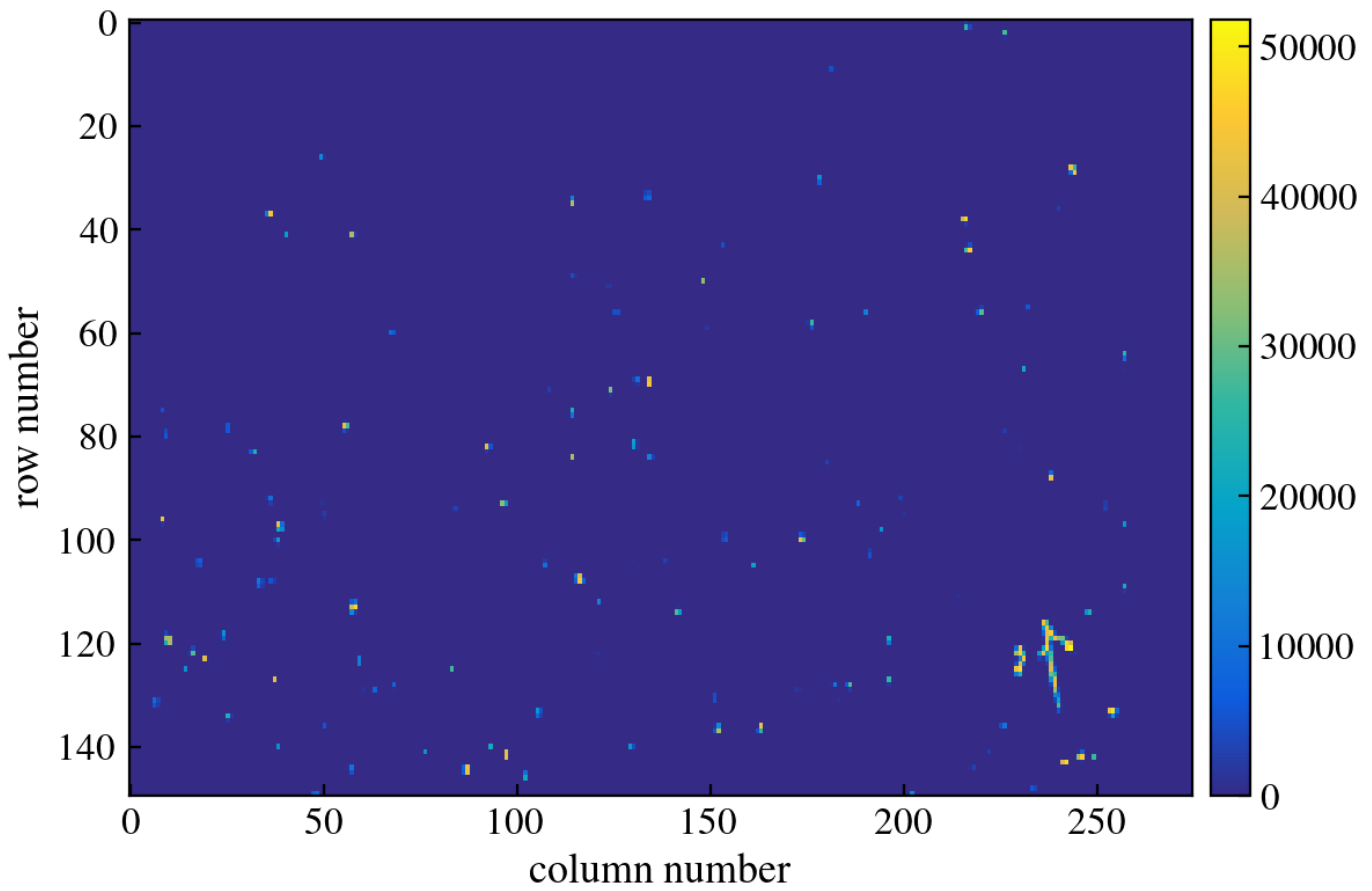


Figure 399: CCD Image

CCD Image: run 147, image 7  
[class MECCDImage]

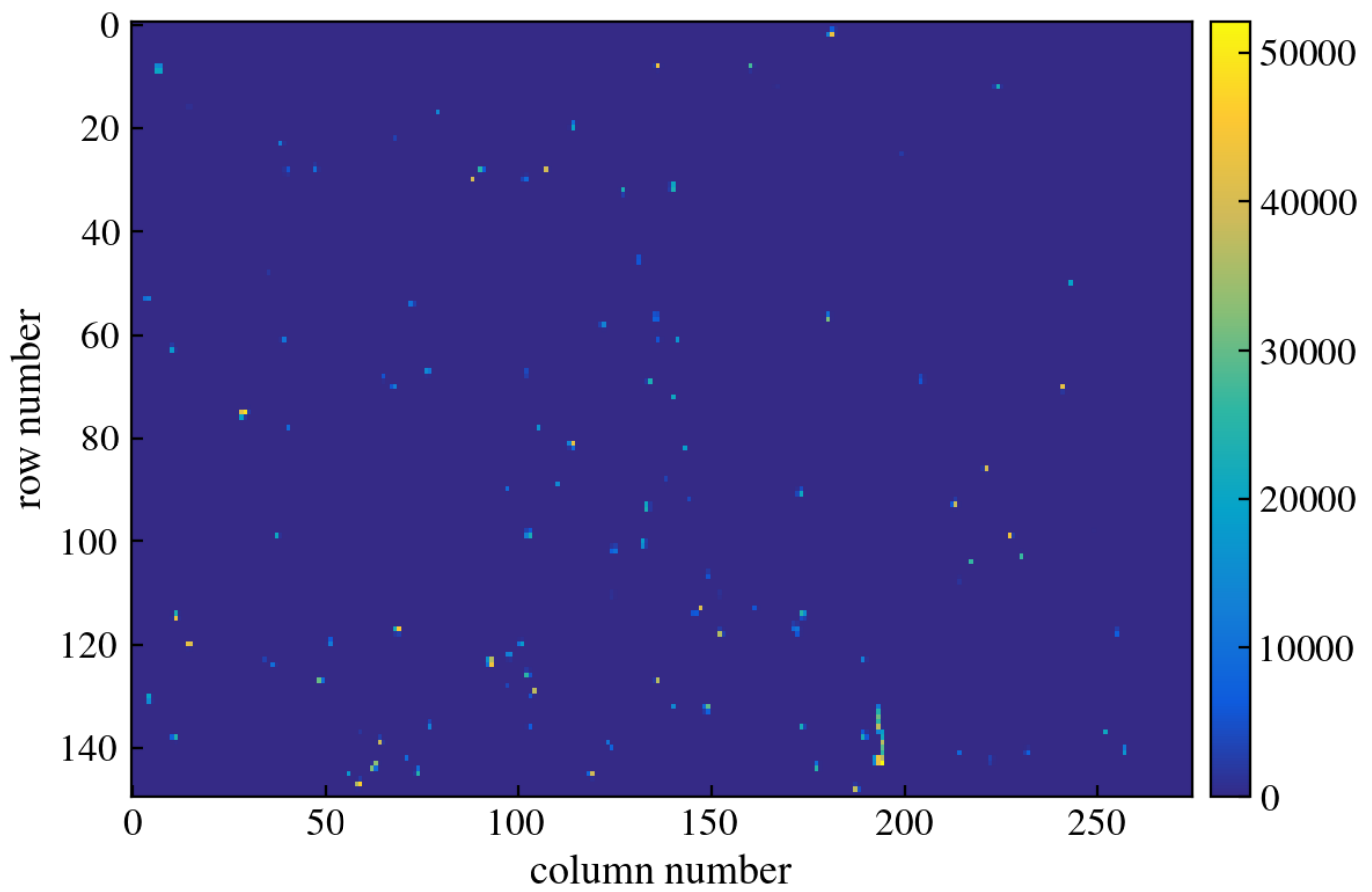


Figure 400: CCD Image

CCD Image: run 147, image 70  
[class MECCDImage]

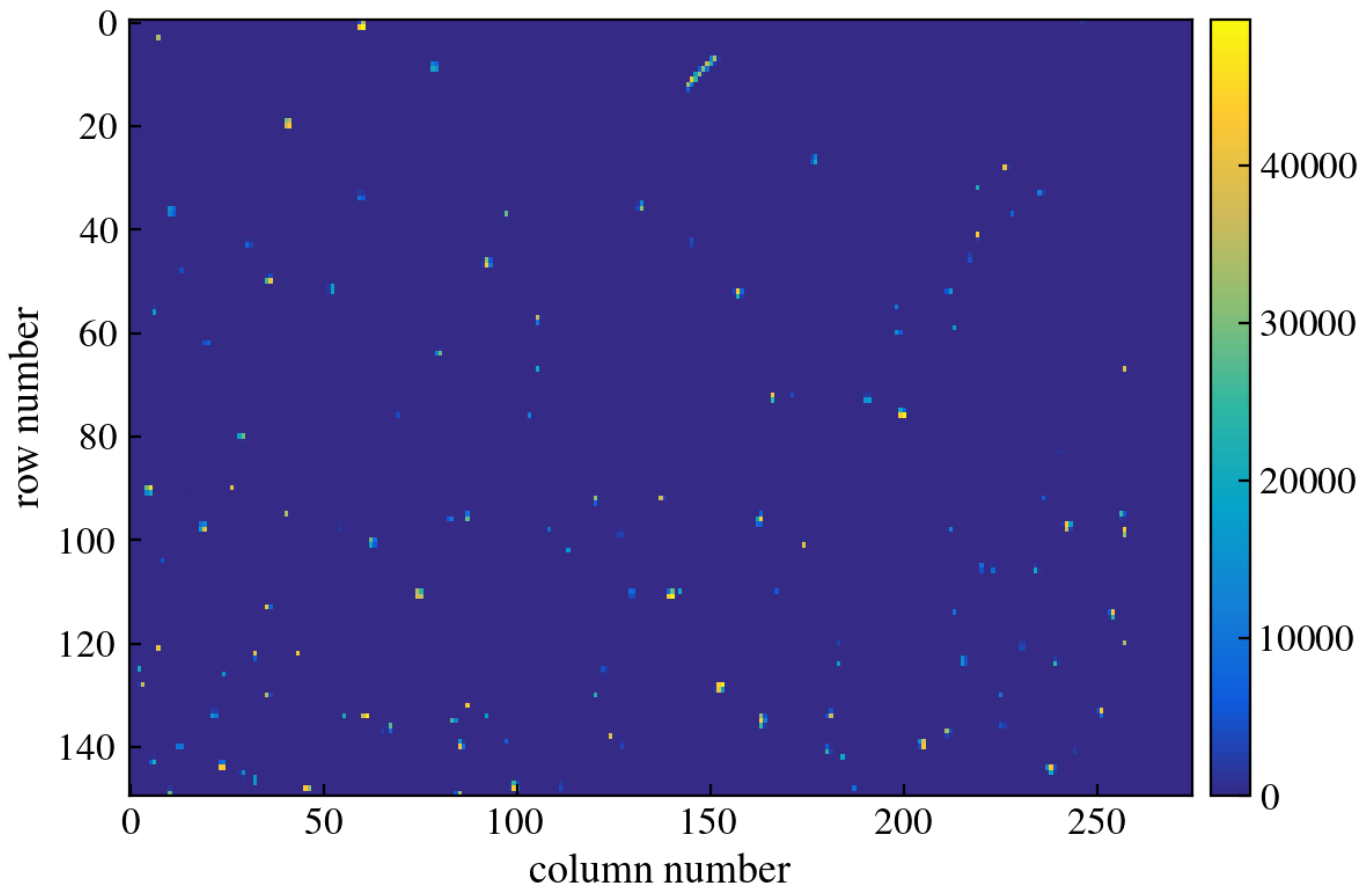


Figure 401: CCD Image

CCD Image: run 147, image 71  
[class MECCDImage]

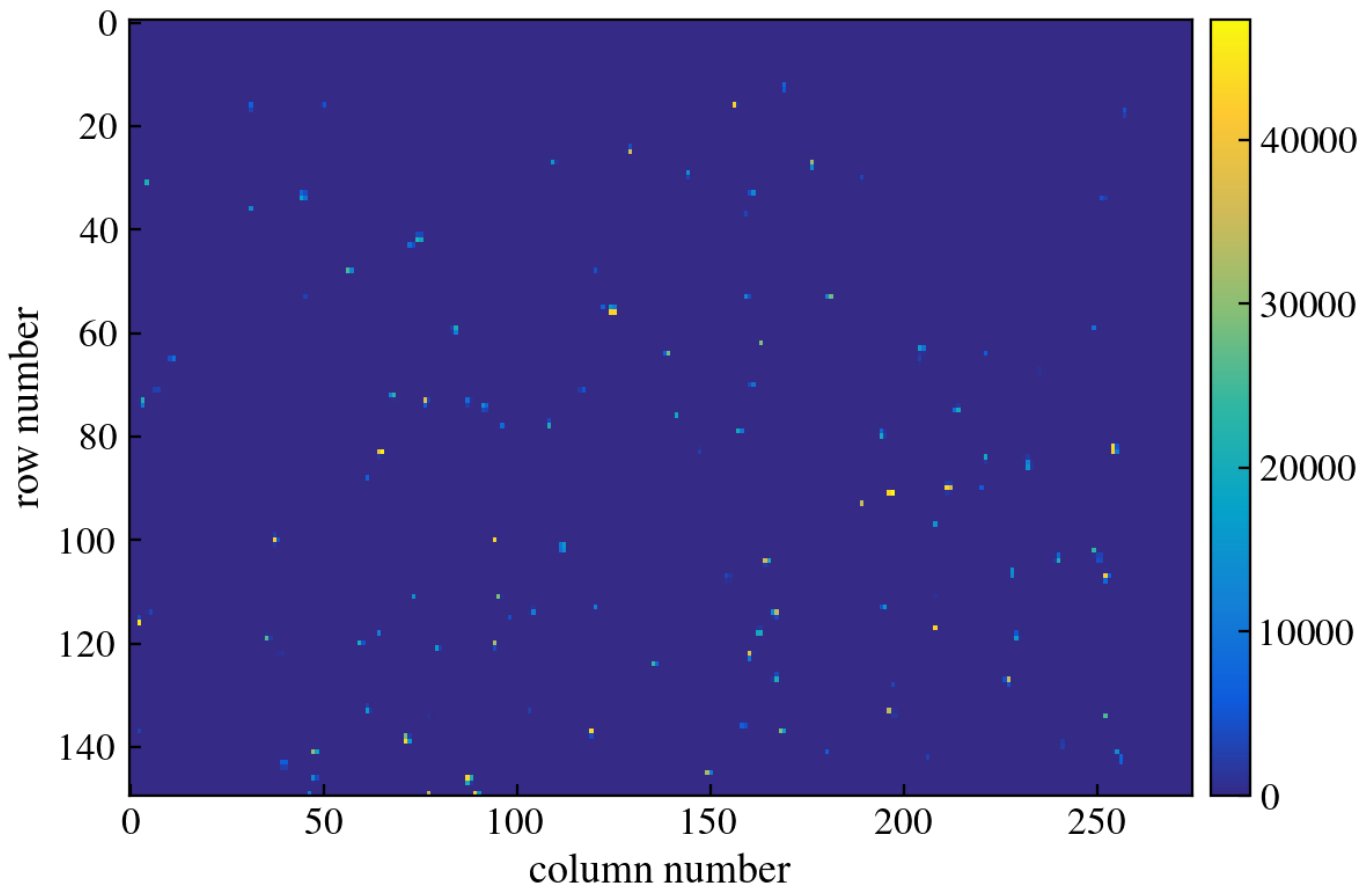


Figure 402: CCD Image

CCD Image: run 147, image 72  
[class MECCDImage]

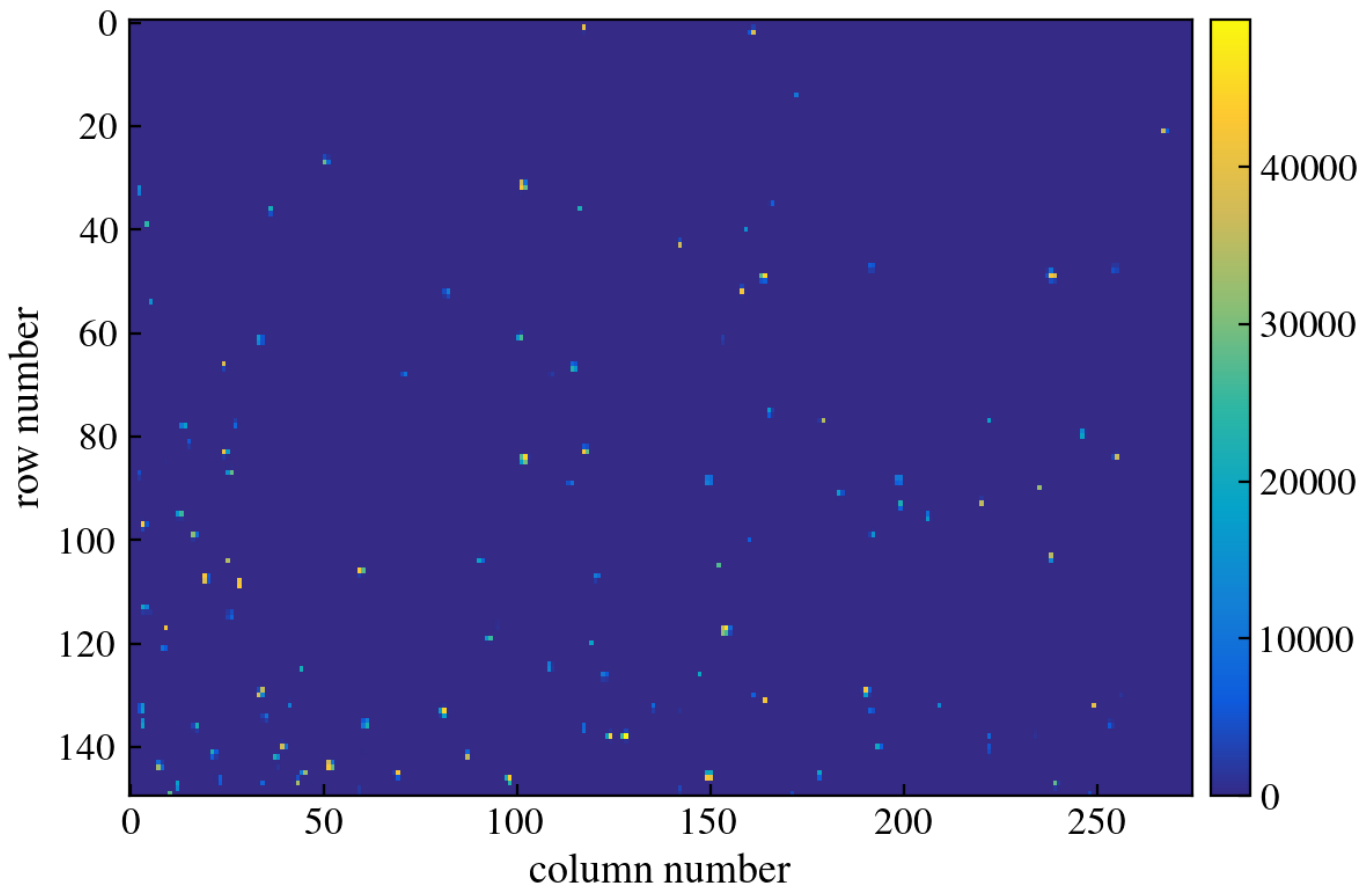


Figure 403: CCD Image



CCD Image: run 147, image 73  
[class MECCDImage]

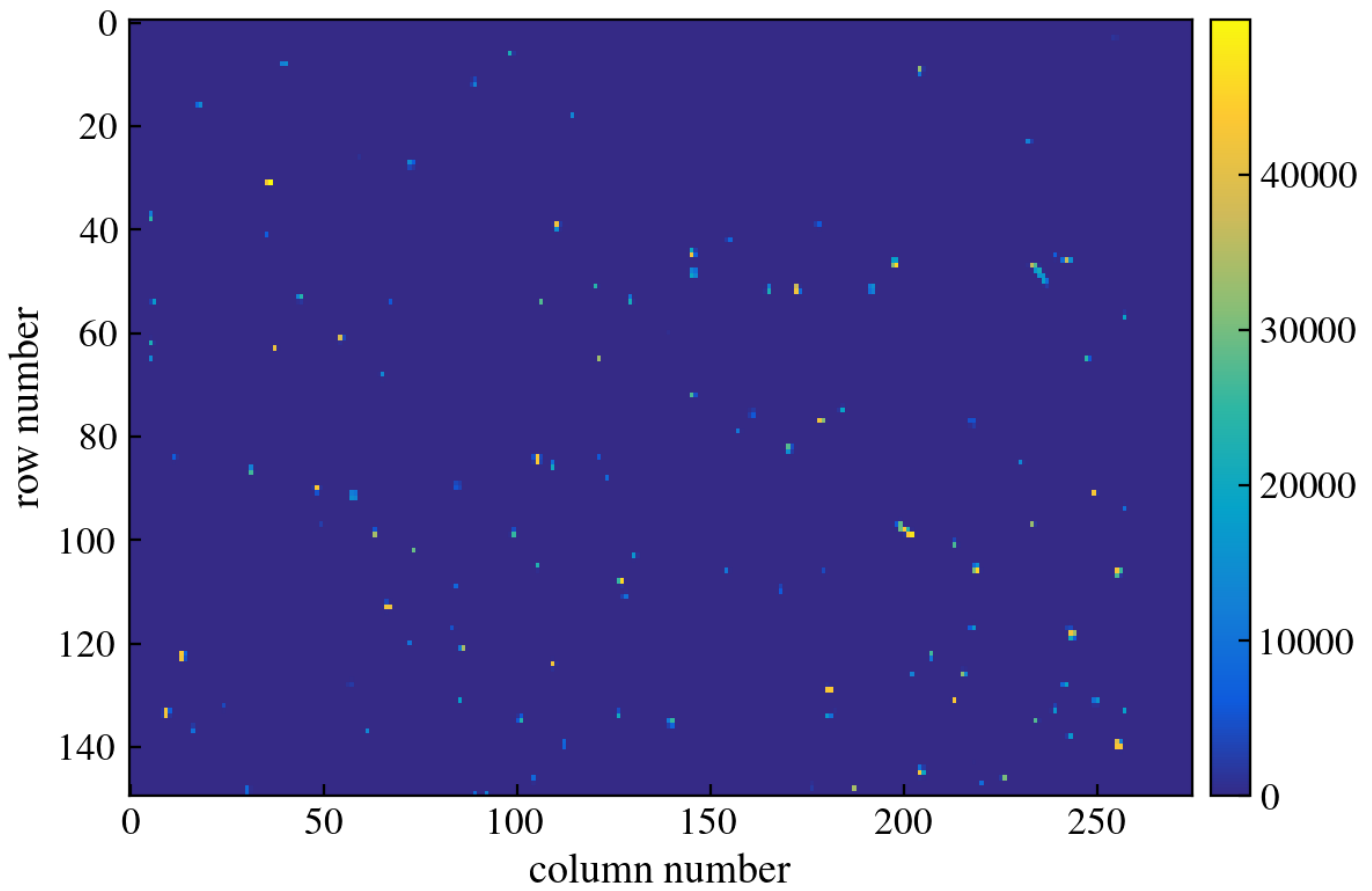


Figure 404: CCD Image

CCD Image: run 147, image 74  
[class MECCDImage]

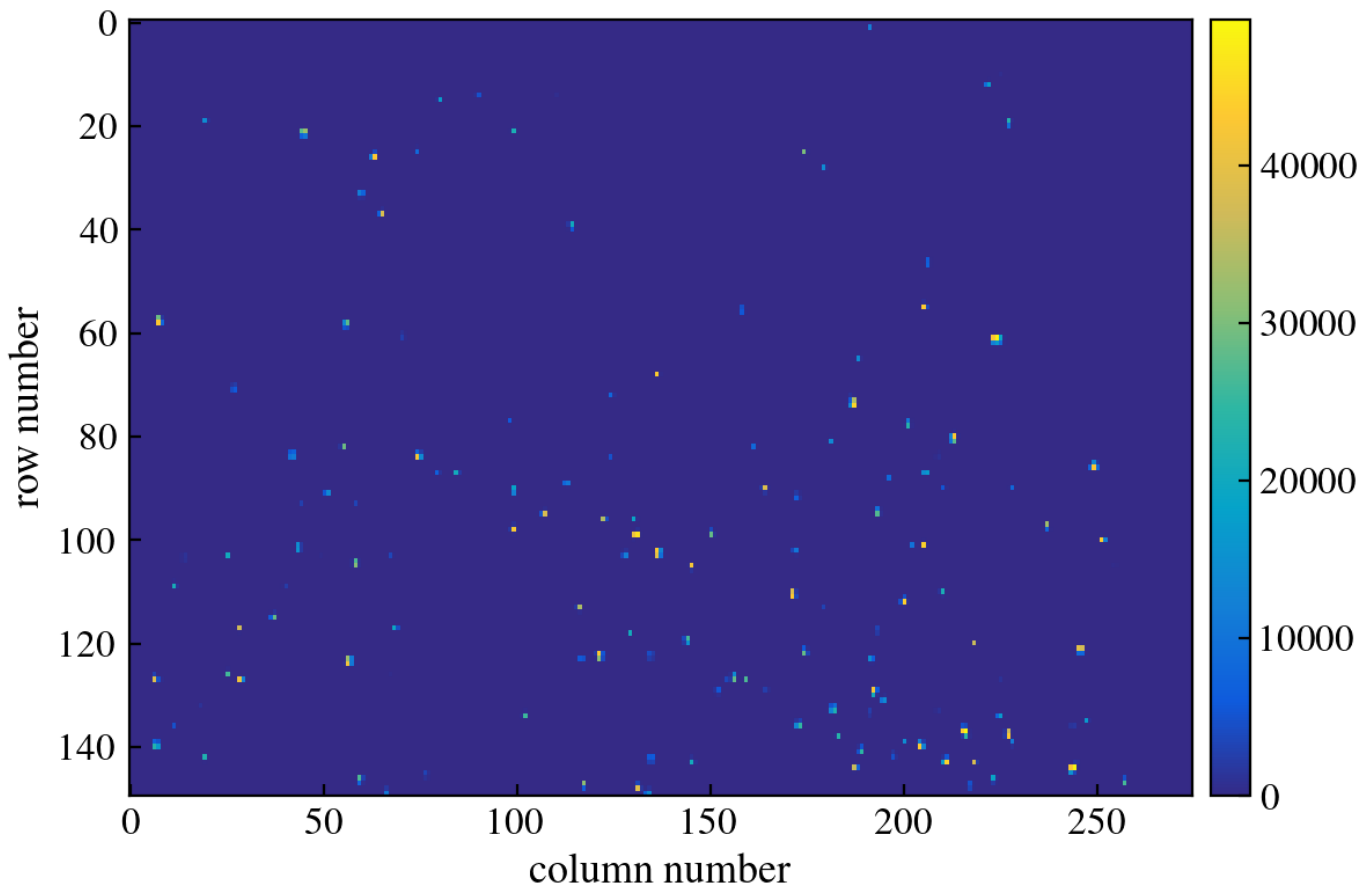


Figure 405: CCD Image

CCD Image: run 147, image 75  
[class MECCDImage]

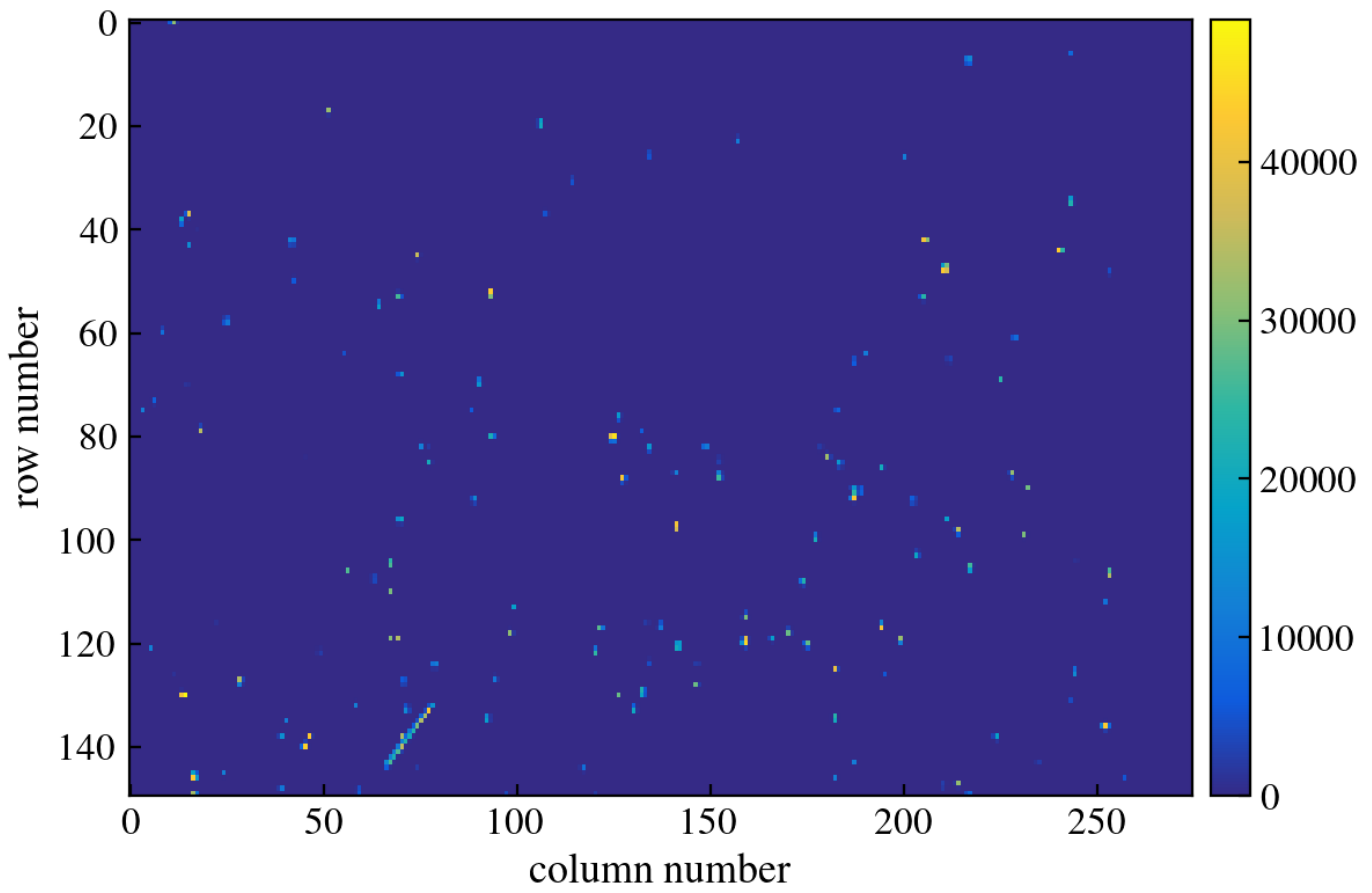


Figure 406: CCD Image

CCD Image: run 147, image 76  
[class MECCDImage]

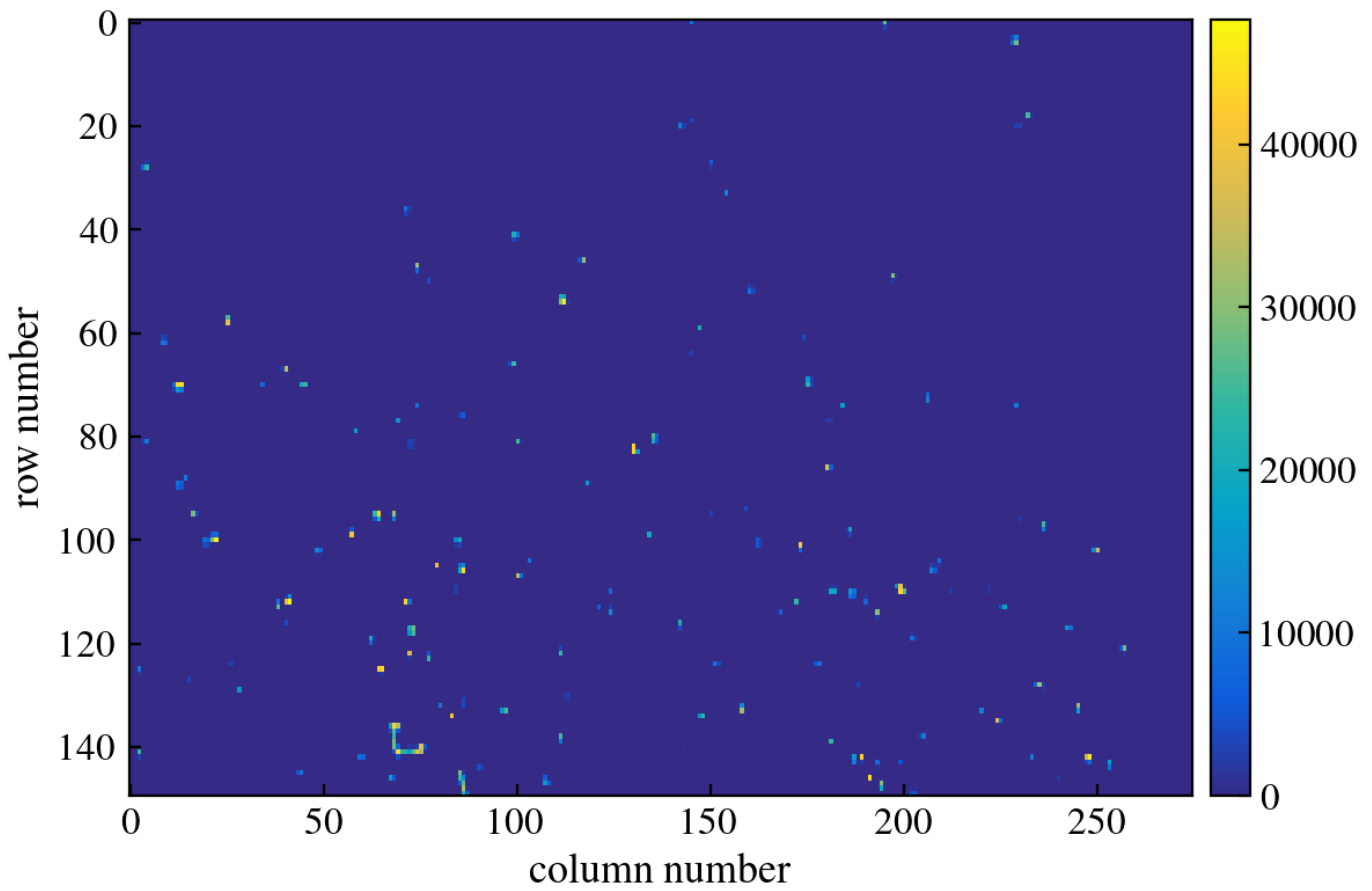


Figure 407: CCD Image

CCD Image: run 147, image 77  
[class MECCDImage]

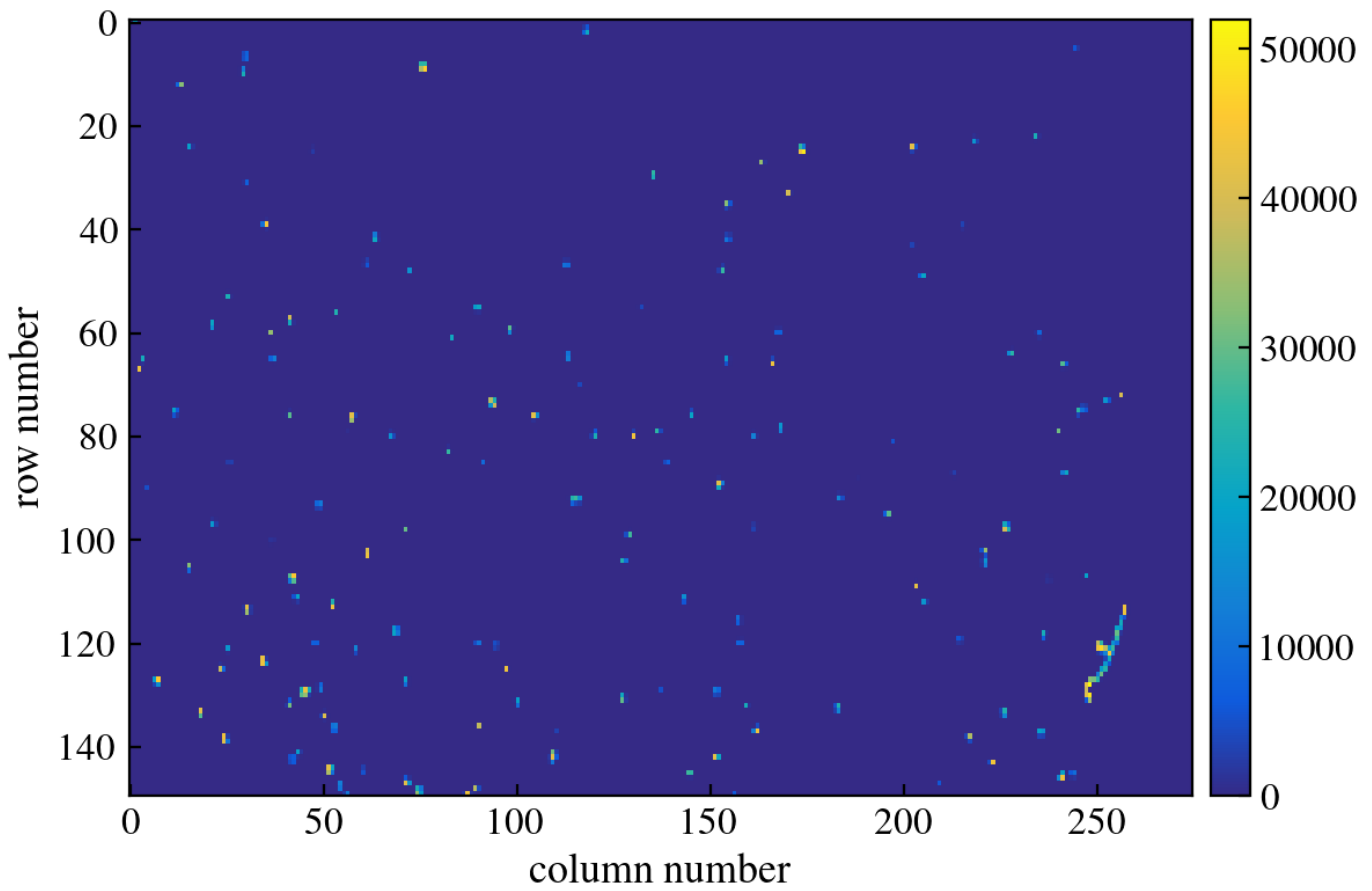


Figure 408: CCD Image

CCD Image: run 147, image 78  
[class MECCDImage]

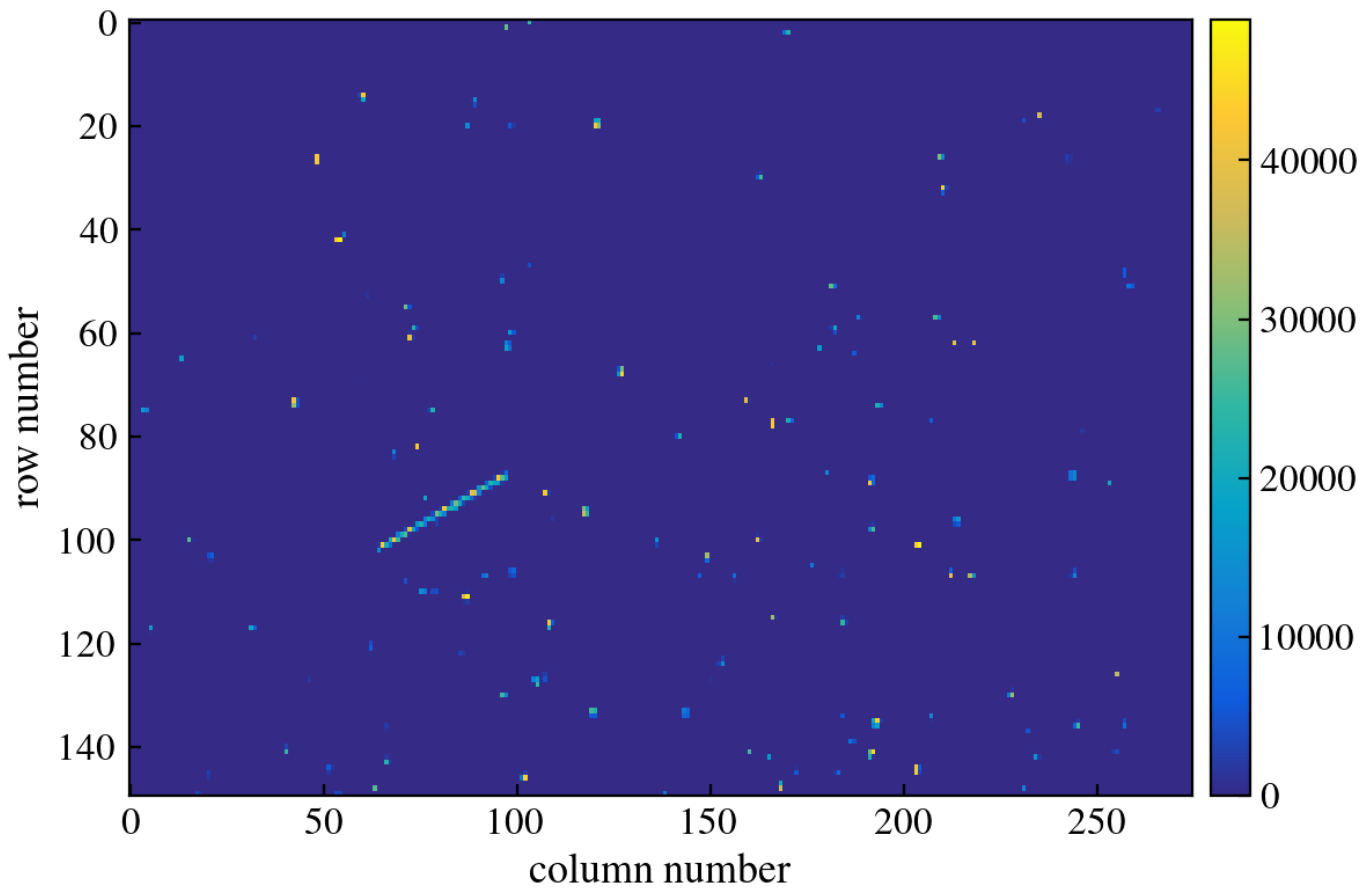


Figure 409: CCD Image

CCD Image: run 147, image 79  
[class MECCDImage]

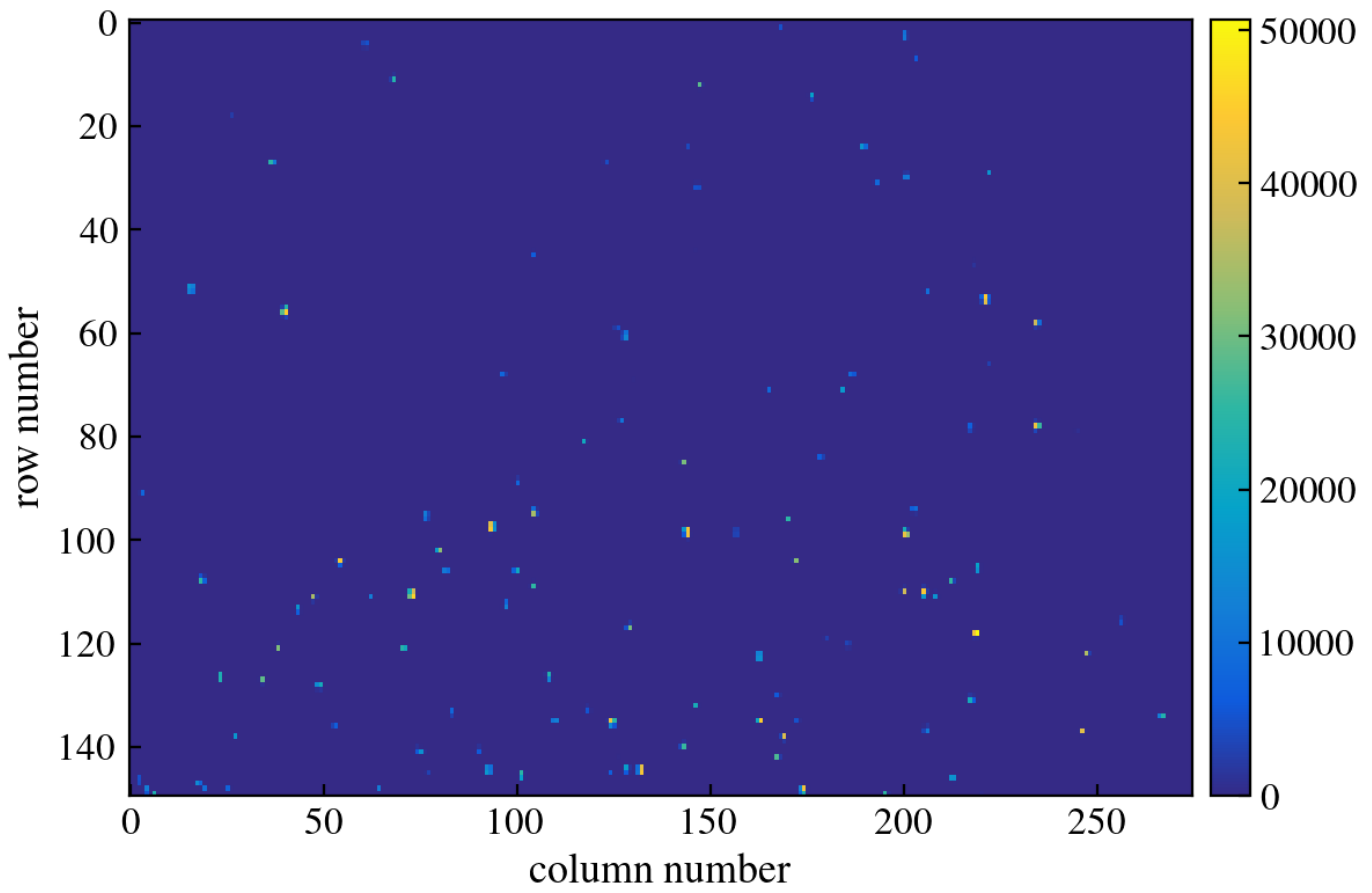


Figure 410: CCD Image

CCD Image: run 147, image 8  
[class MECCDImage]

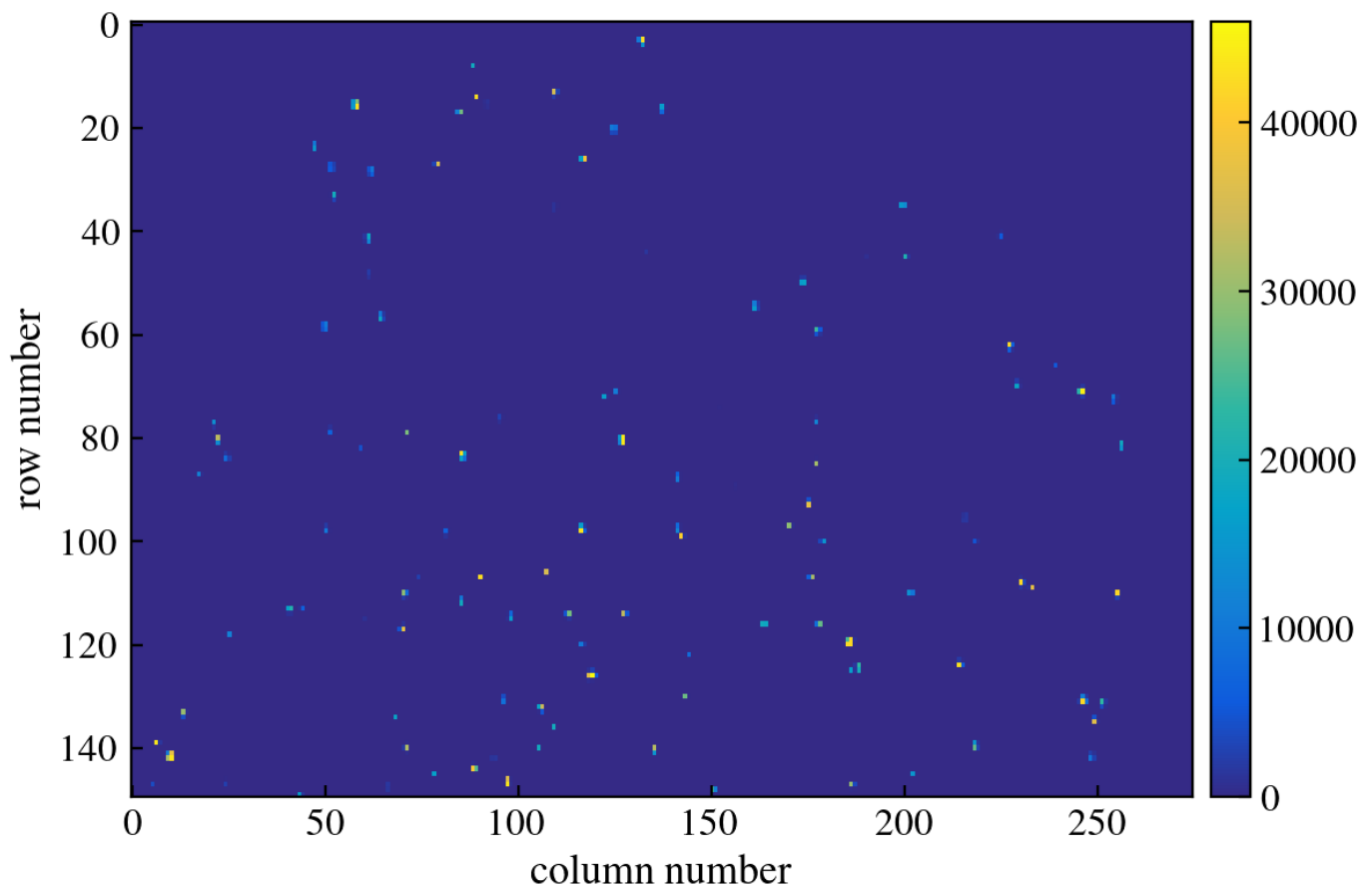


Figure 411: CCD Image



CCD Image: run 147, image 80  
[class MECCDImage]

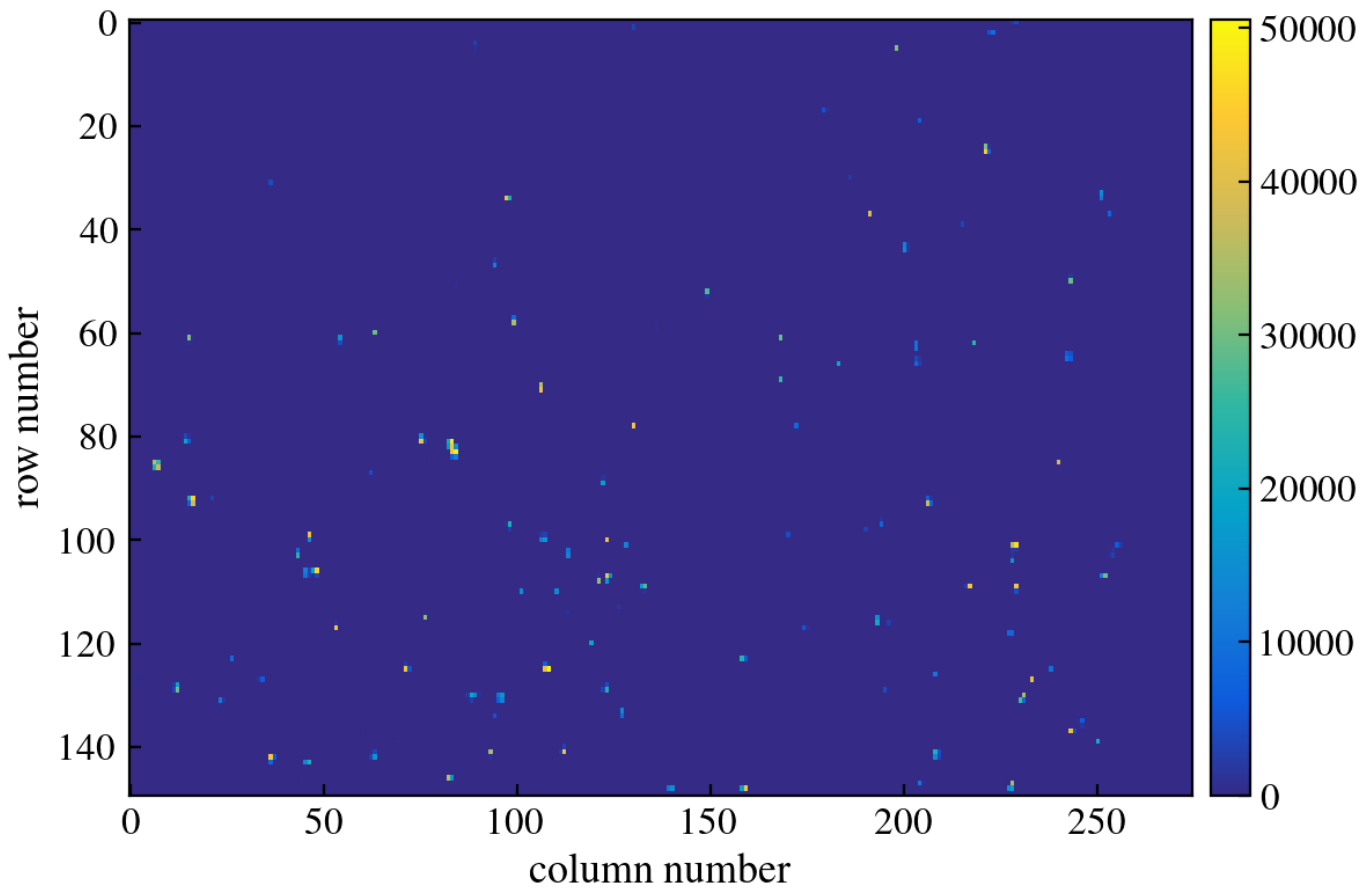


Figure 412: CCD Image

CCD Image: run 147, image 81  
[class MECCDImage]

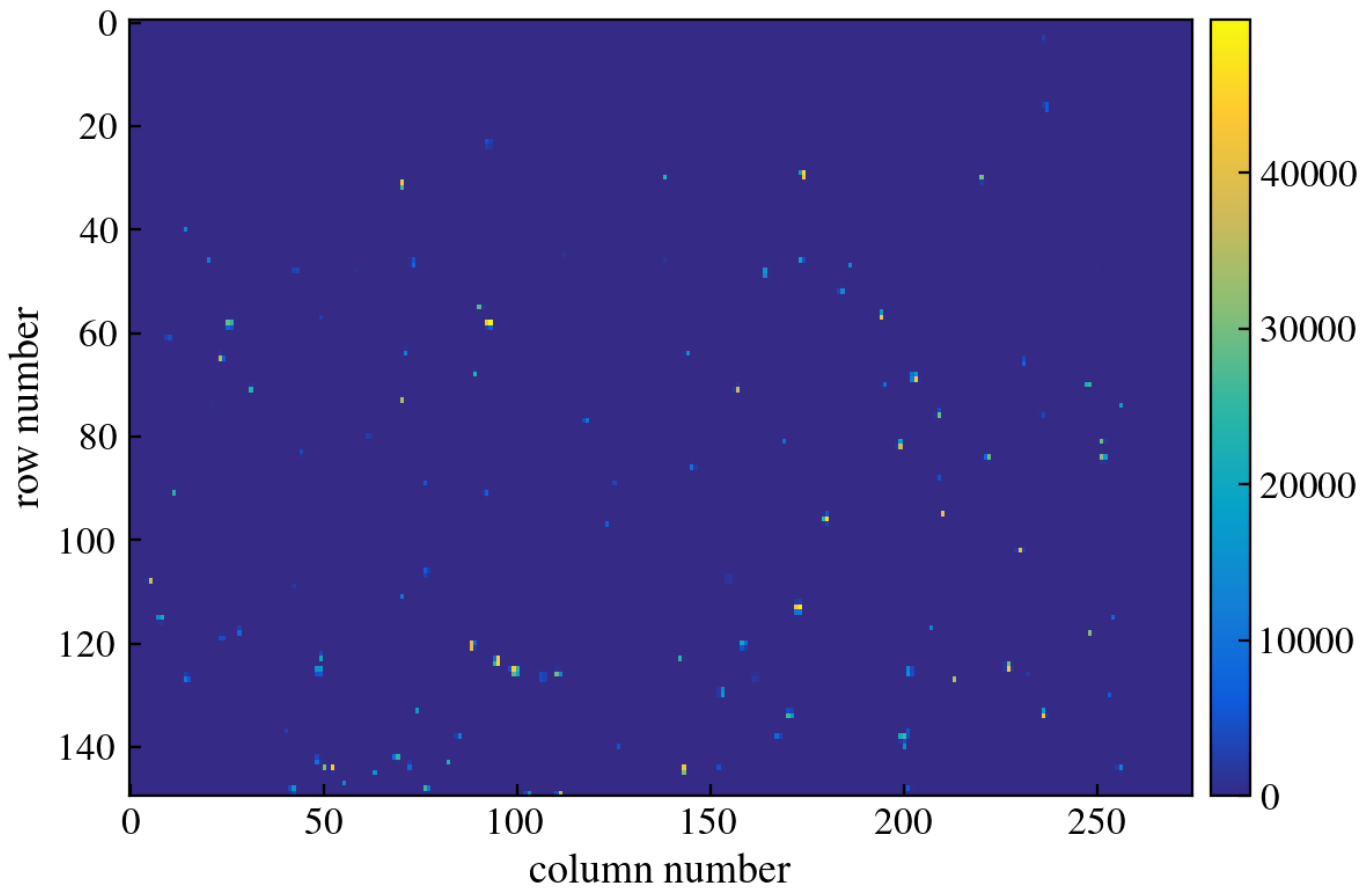


Figure 413: CCD Image

CCD Image: run 147, image 82  
[class MECCDImage]

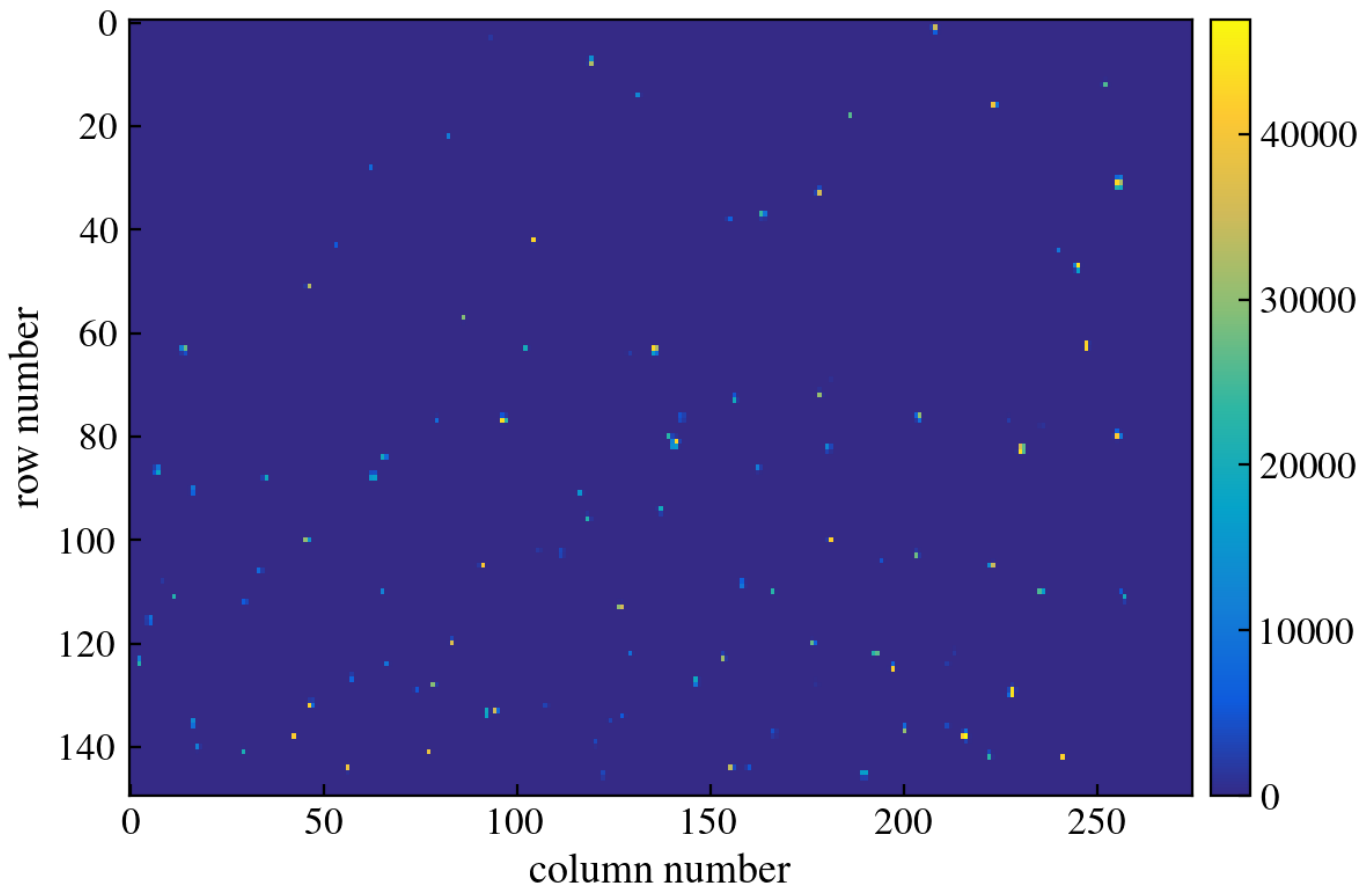


Figure 414: CCD Image

CCD Image: run 147, image 83  
[class MECCDImage]

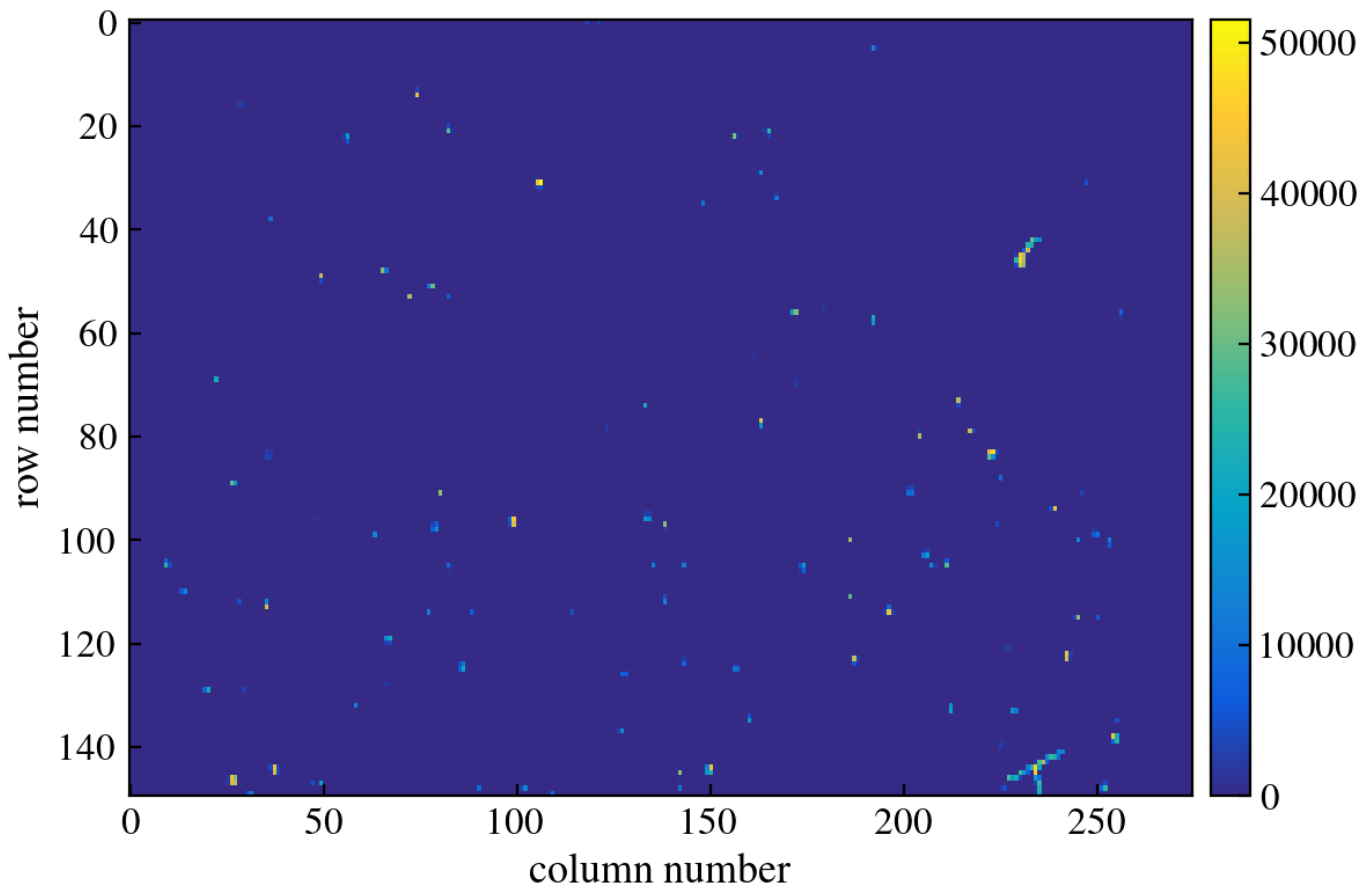


Figure 415: CCD Image

CCD Image: run 147, image 84  
[class MECCDImage]

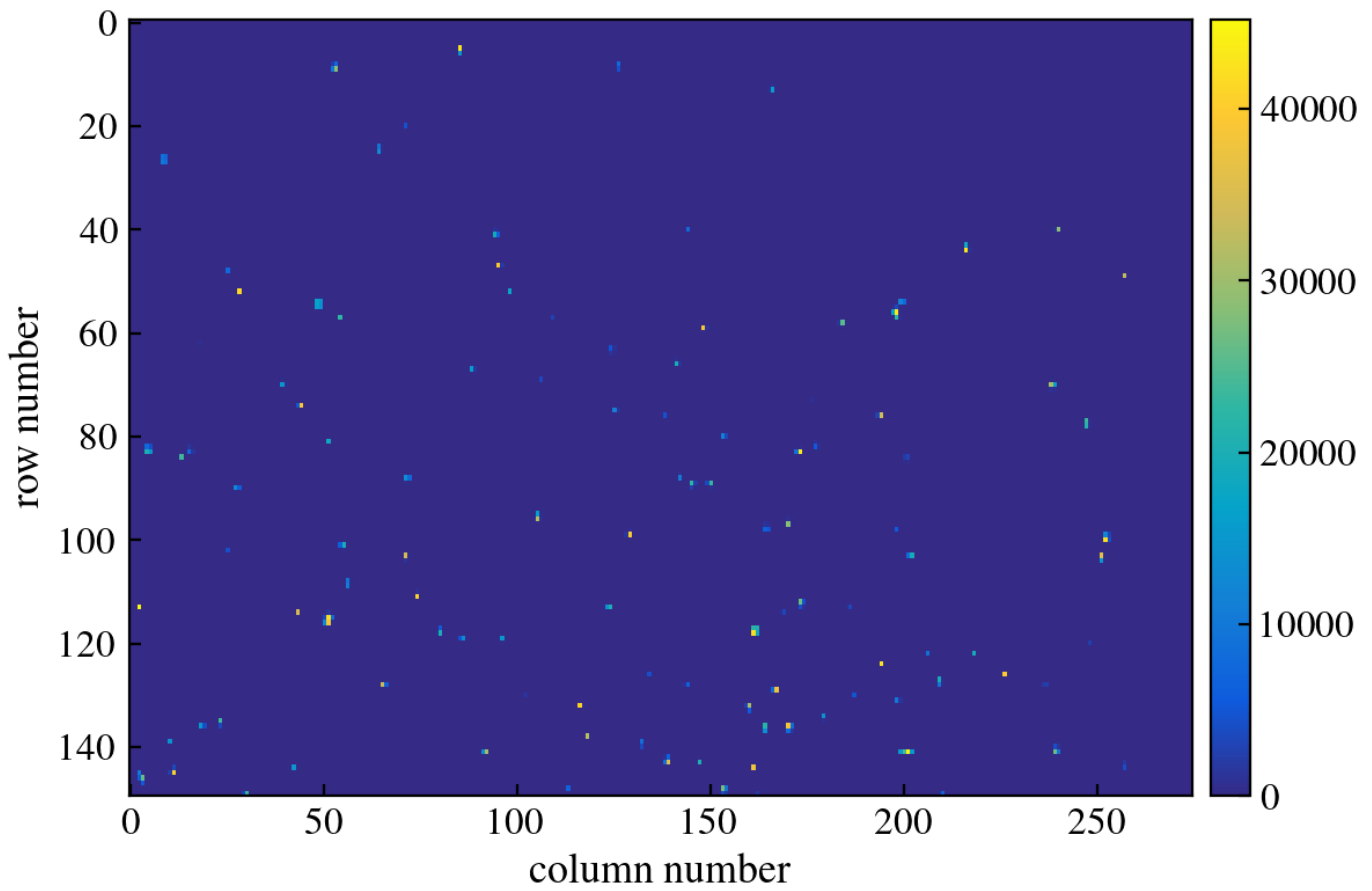


Figure 416: CCD Image

CCD Image: run 147, image 85  
[class MECCDImage]

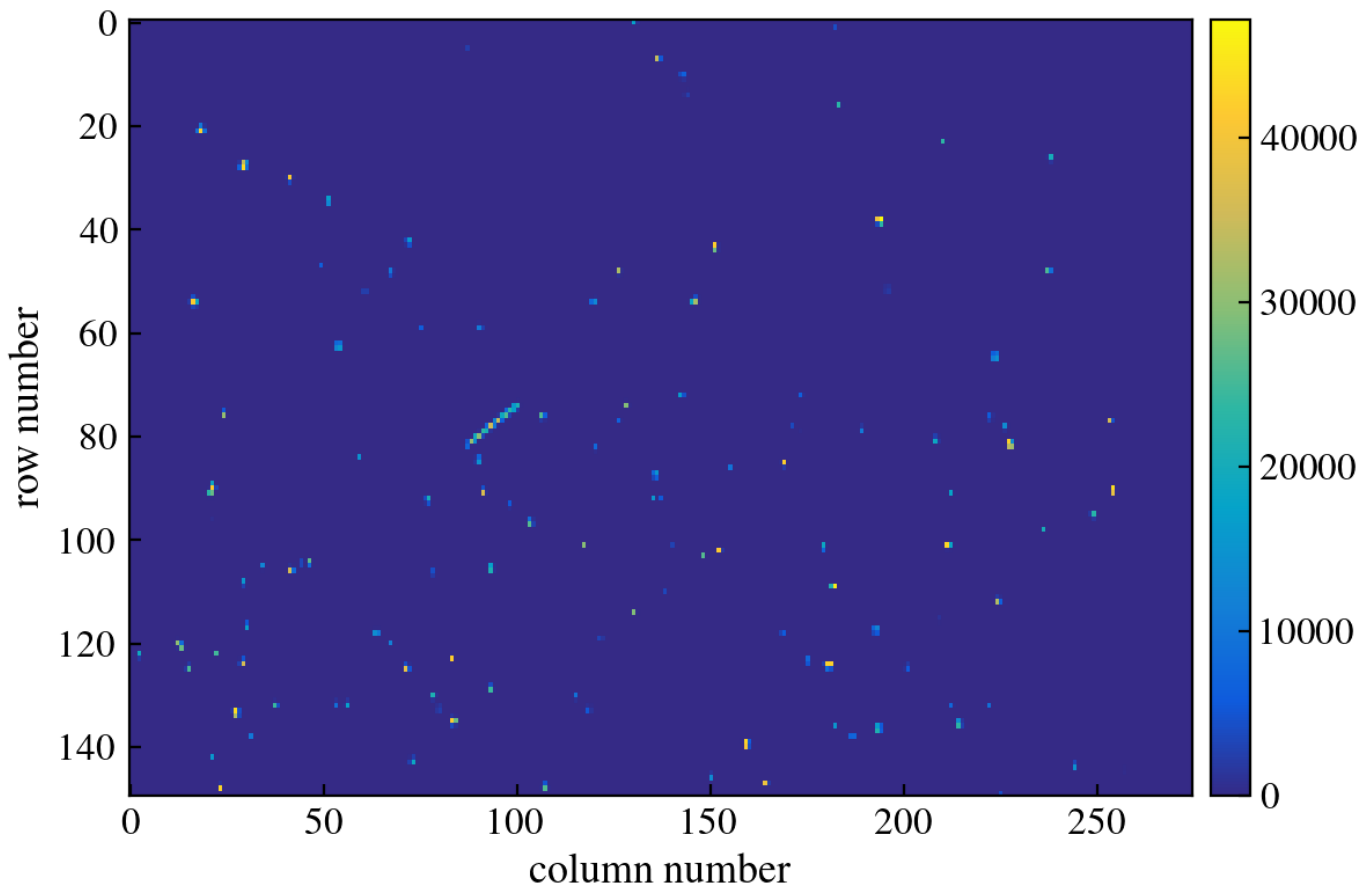


Figure 417: CCD Image

CCD Image: run 147, image 86  
[class MECCDImage]

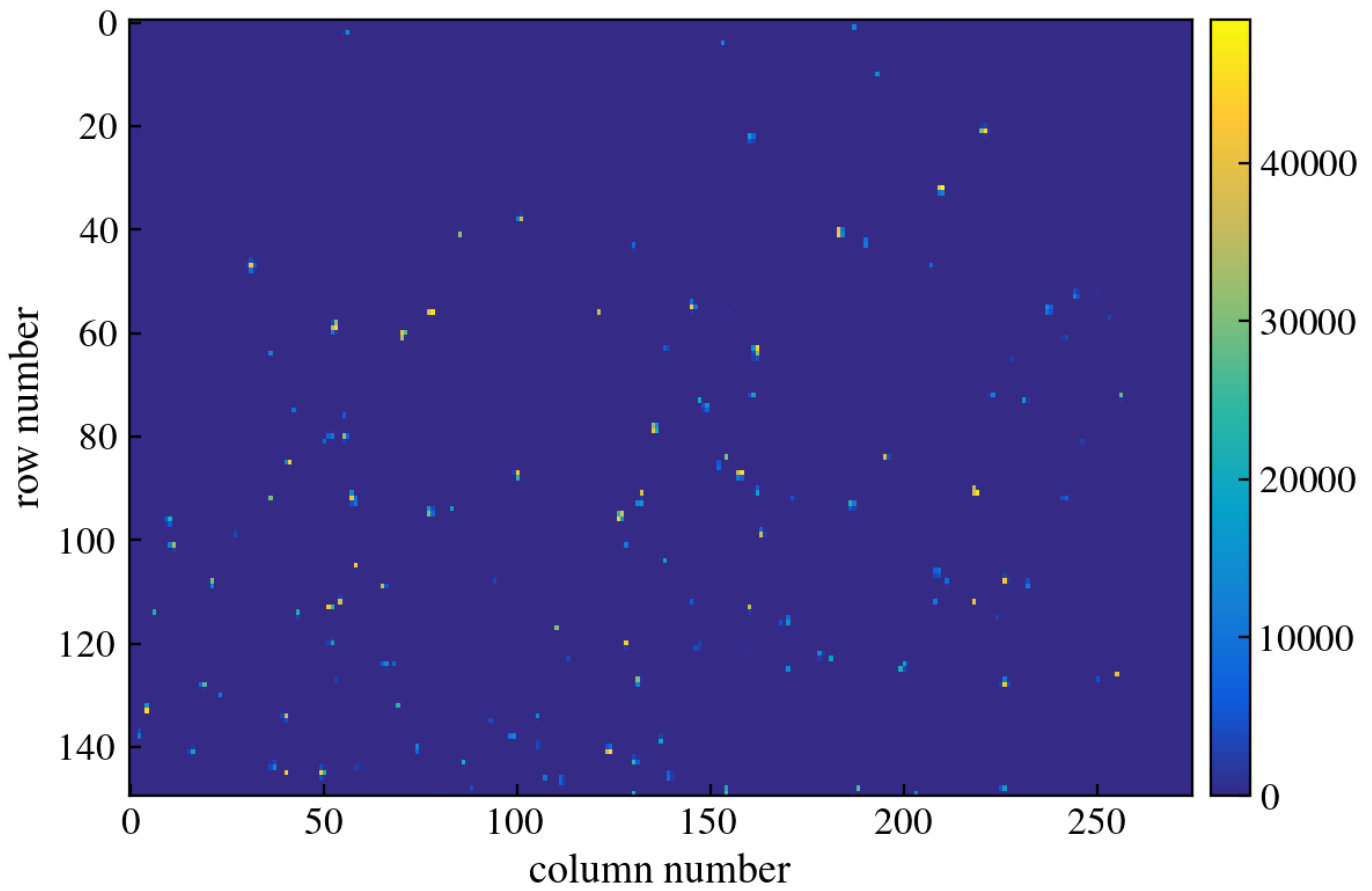


Figure 418: CCD Image

CCD Image: run 147, image 87  
[class MECCDImage]

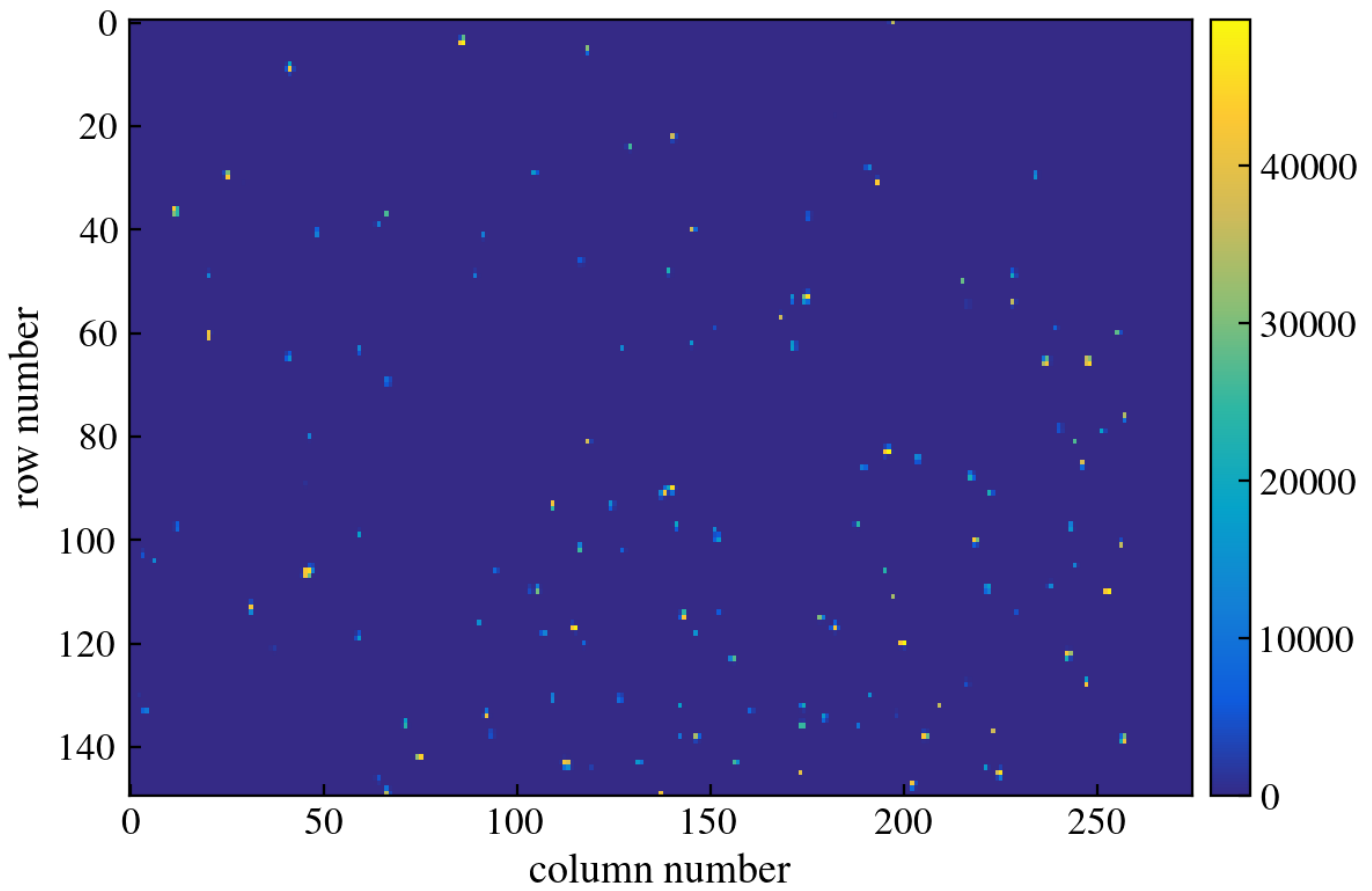


Figure 419: CCD Image



CCD Image: run 147, image 88  
[class MECCDImage]

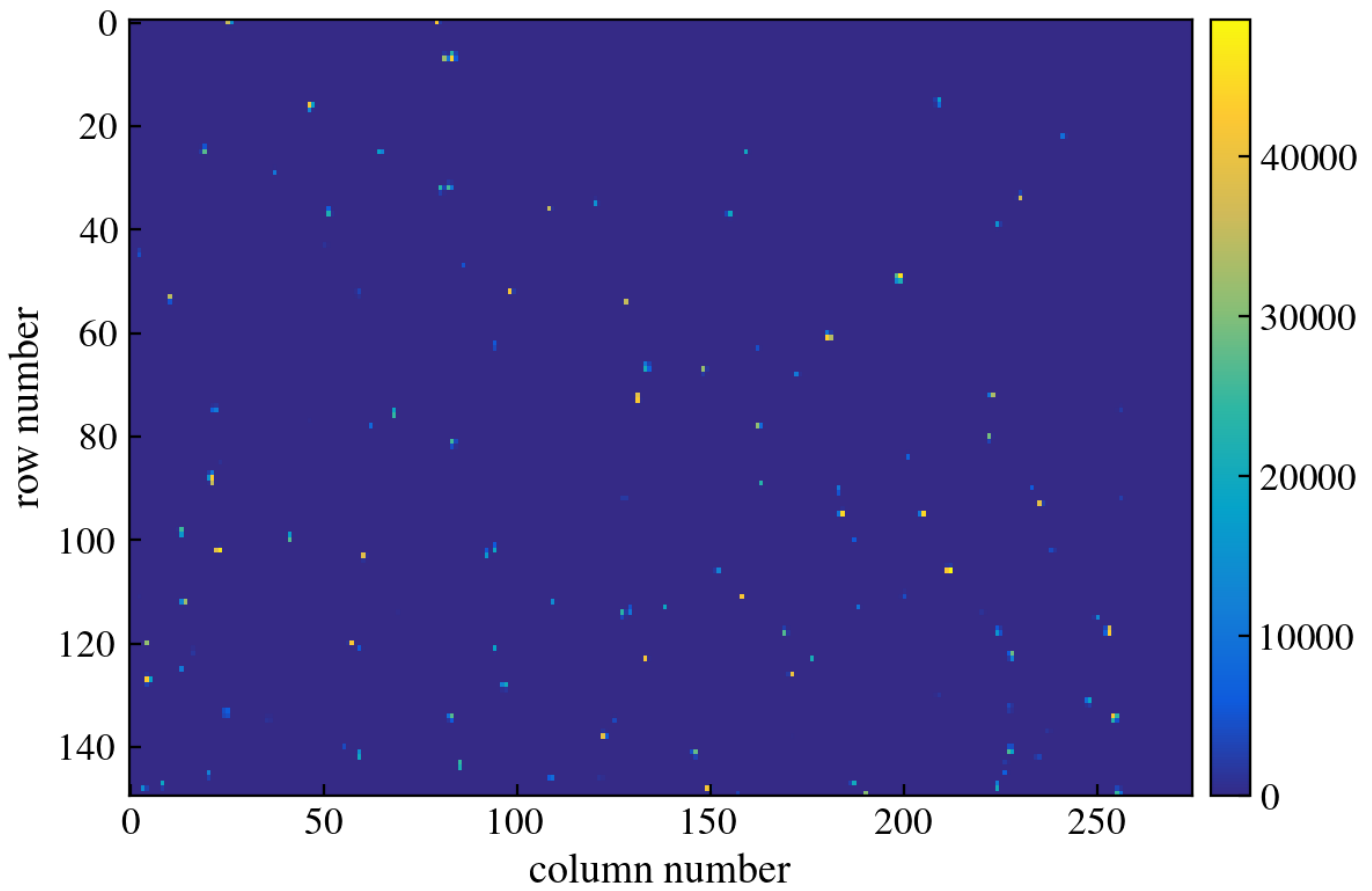


Figure 420: CCD Image

CCD Image: run 147, image 89  
[class MECCDImage]

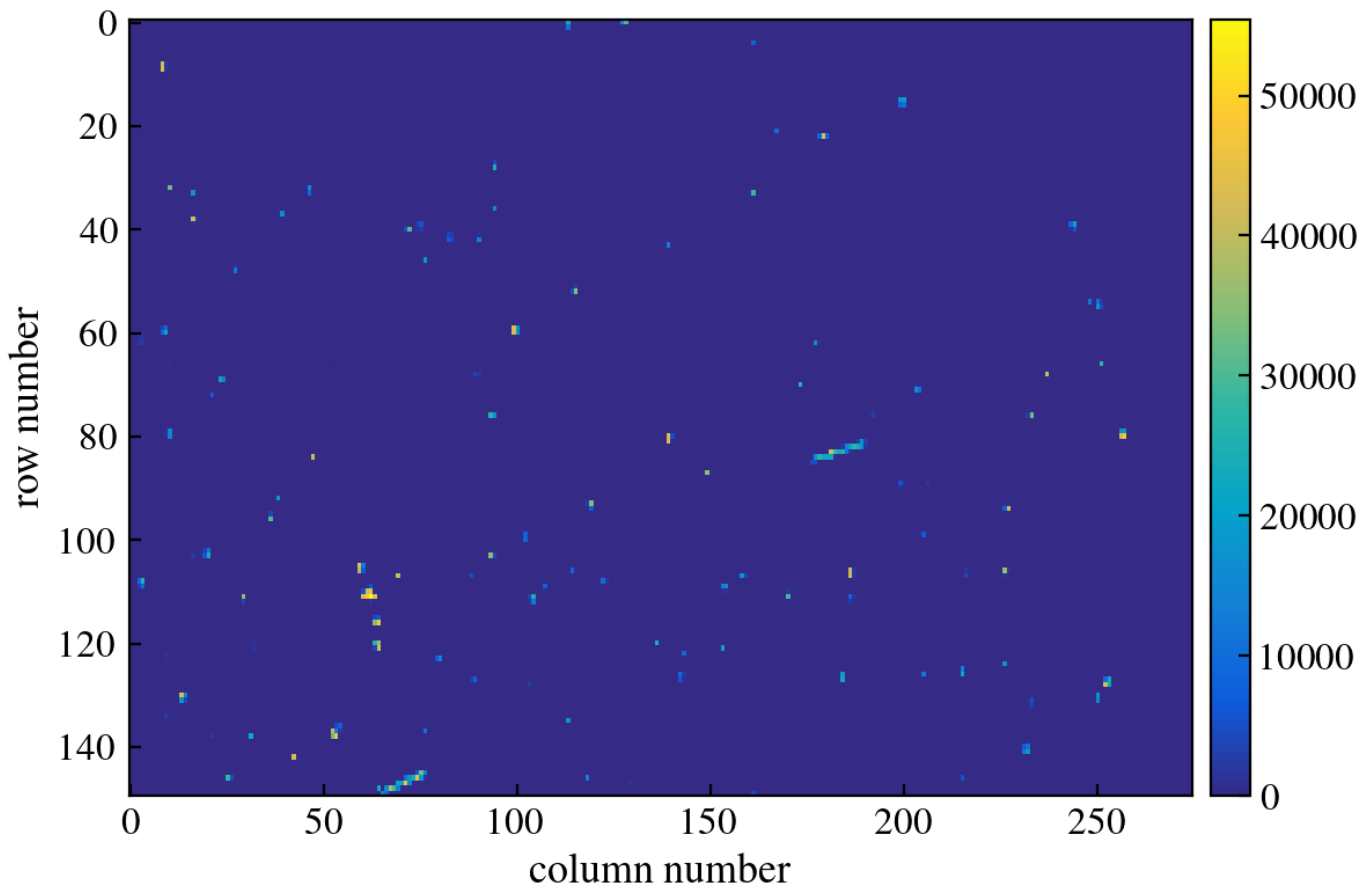


Figure 421: CCD Image

CCD Image: run 147, image 9  
[class MECCDImage]

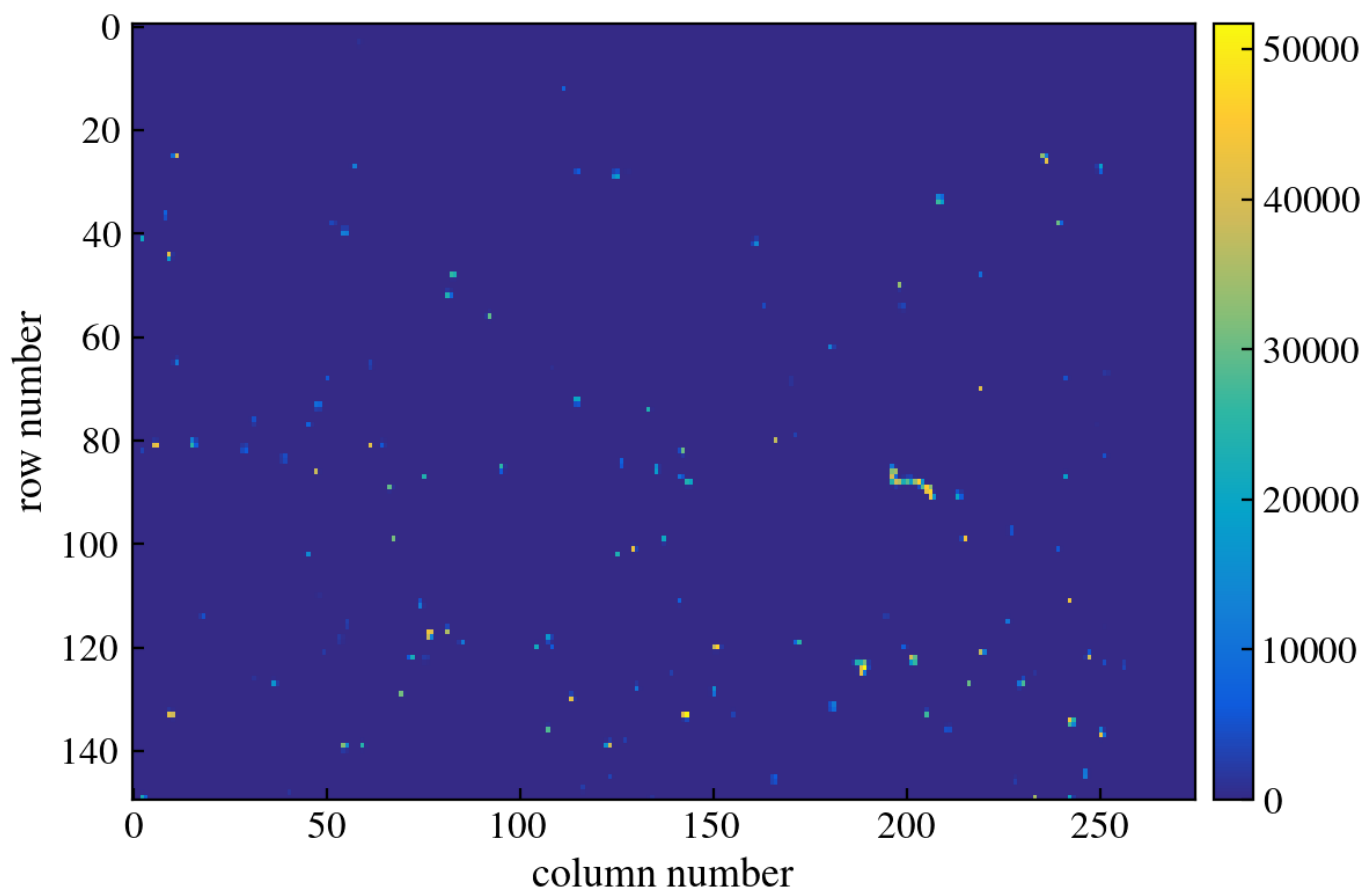


Figure 422: CCD Image

CCD Image: run 147, image 90  
[class MECCDImage]

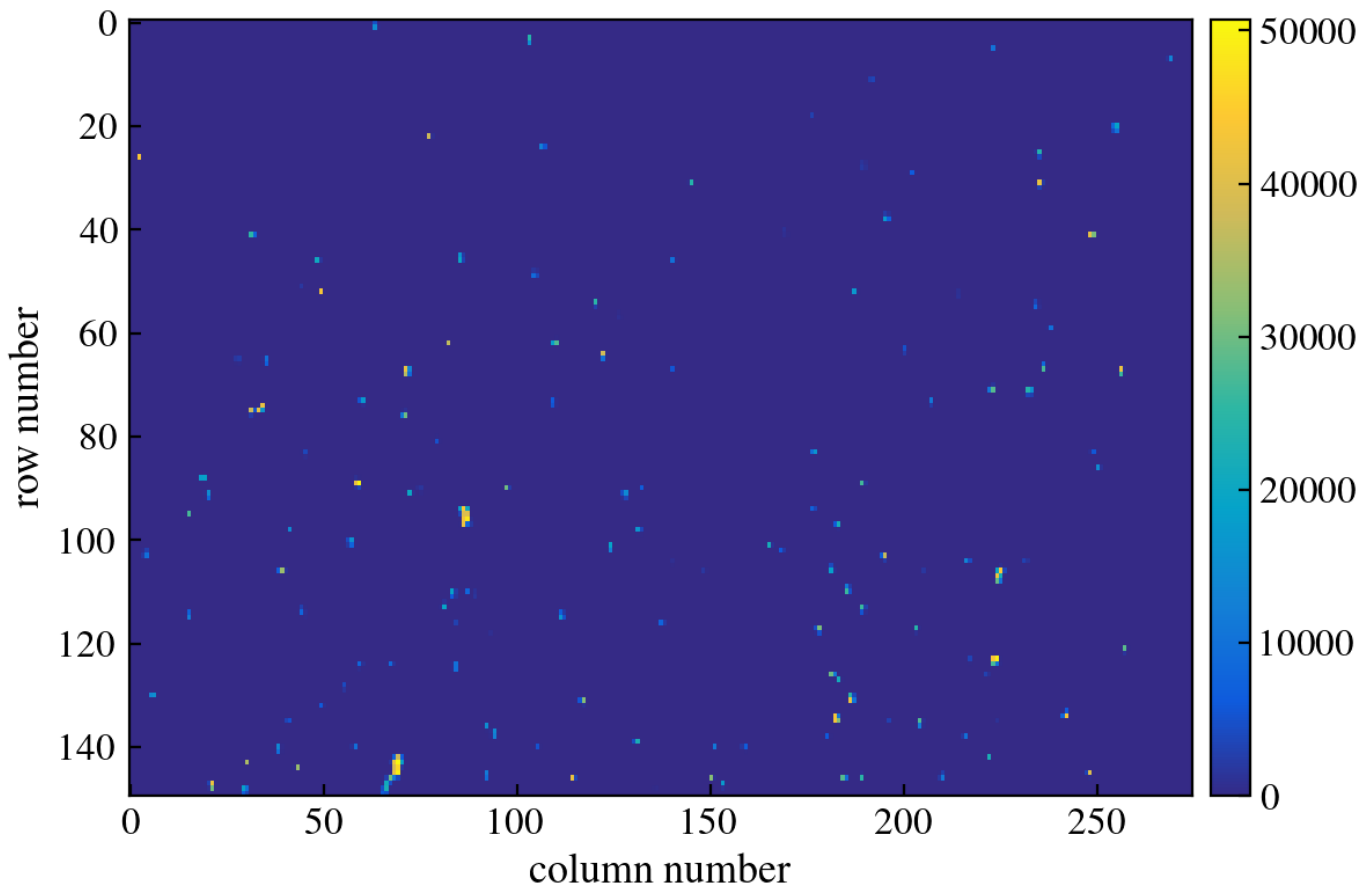


Figure 423: CCD Image

CCD Image: run 147, image 91  
[class MECCDImage]

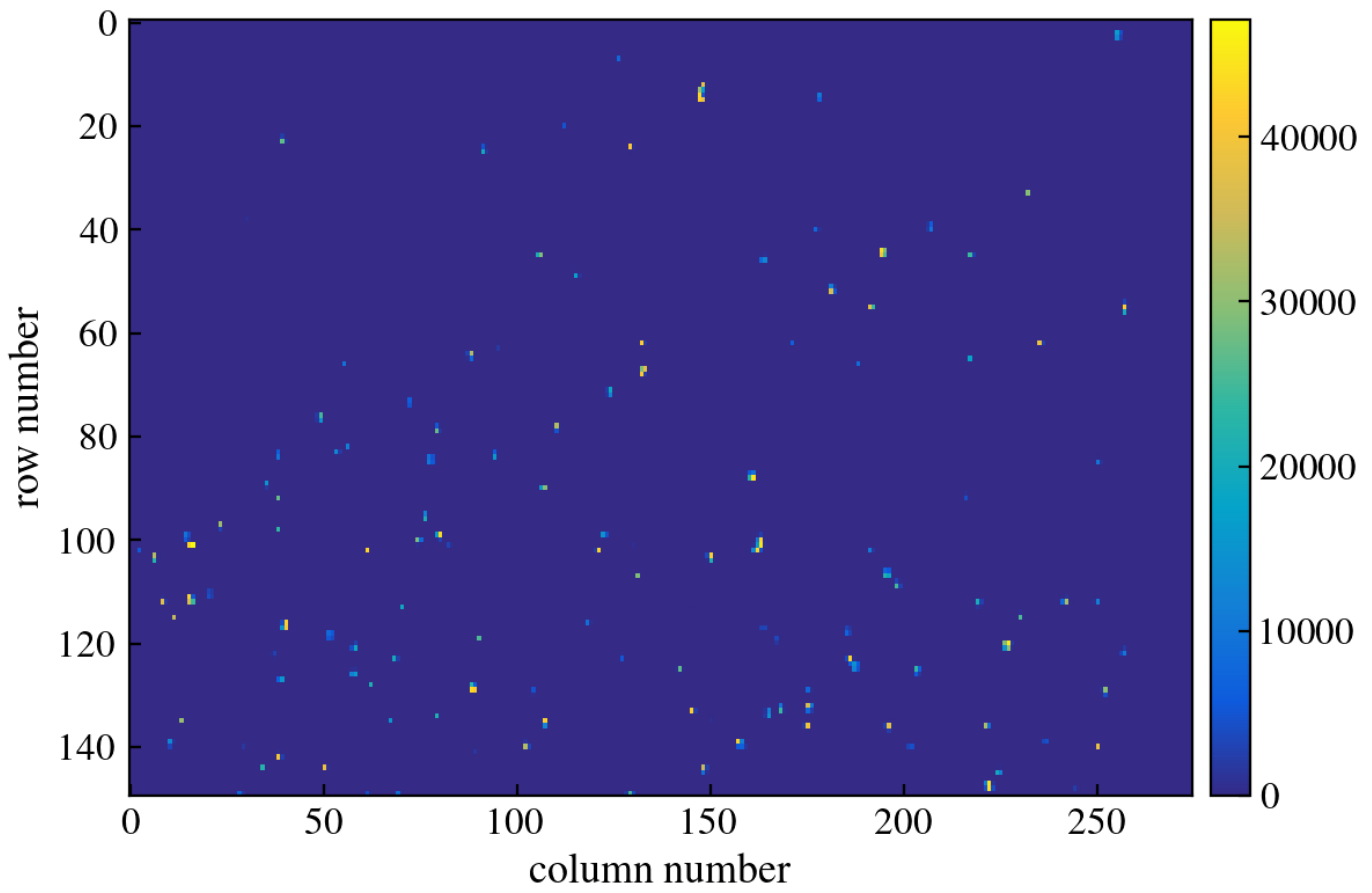


Figure 424: CCD Image

CCD Image: run 147, image 92  
[class MECCDImage]

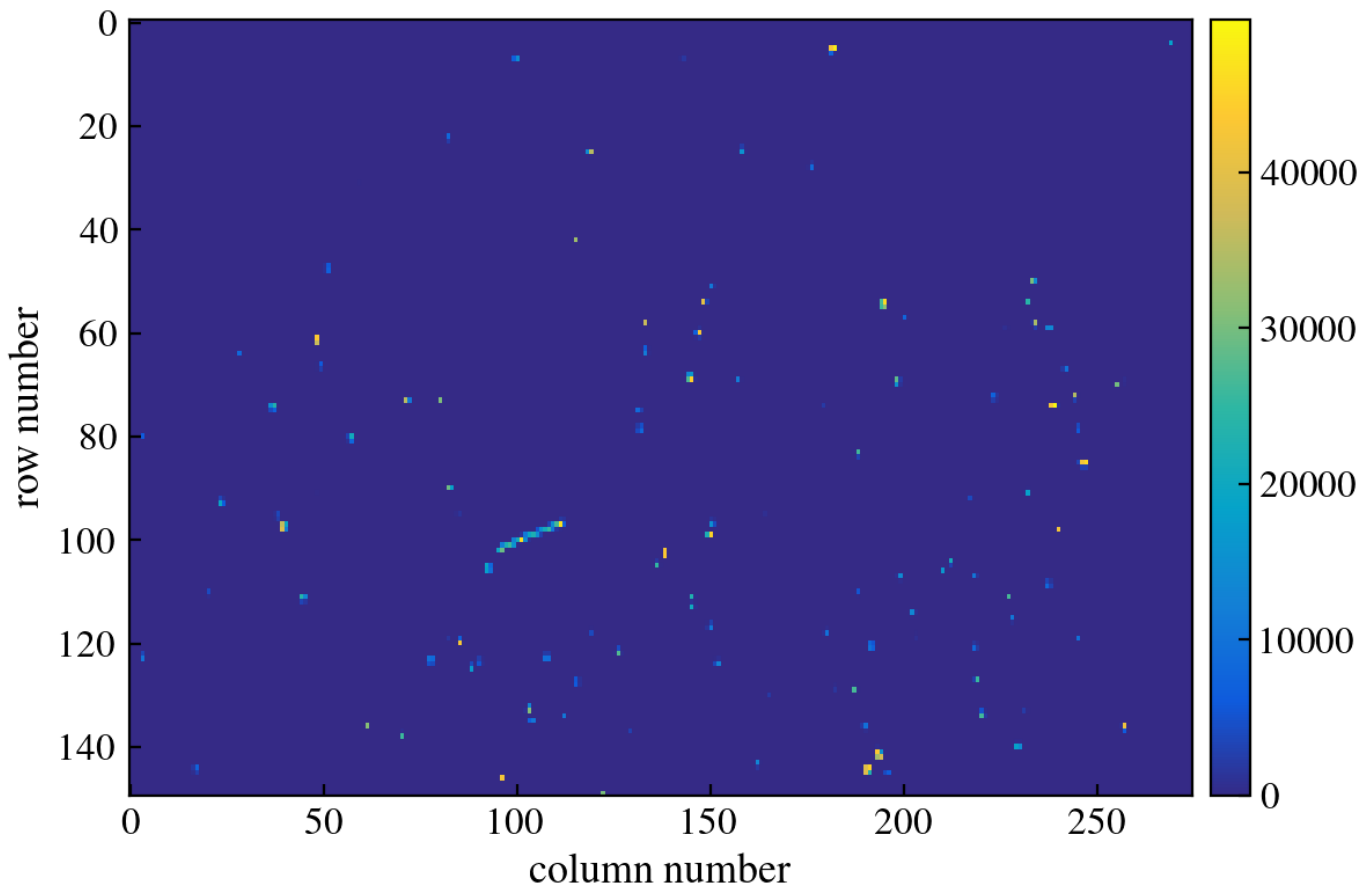


Figure 425: CCD Image

CCD Image: run 147, image 93  
[class MECCDImage]

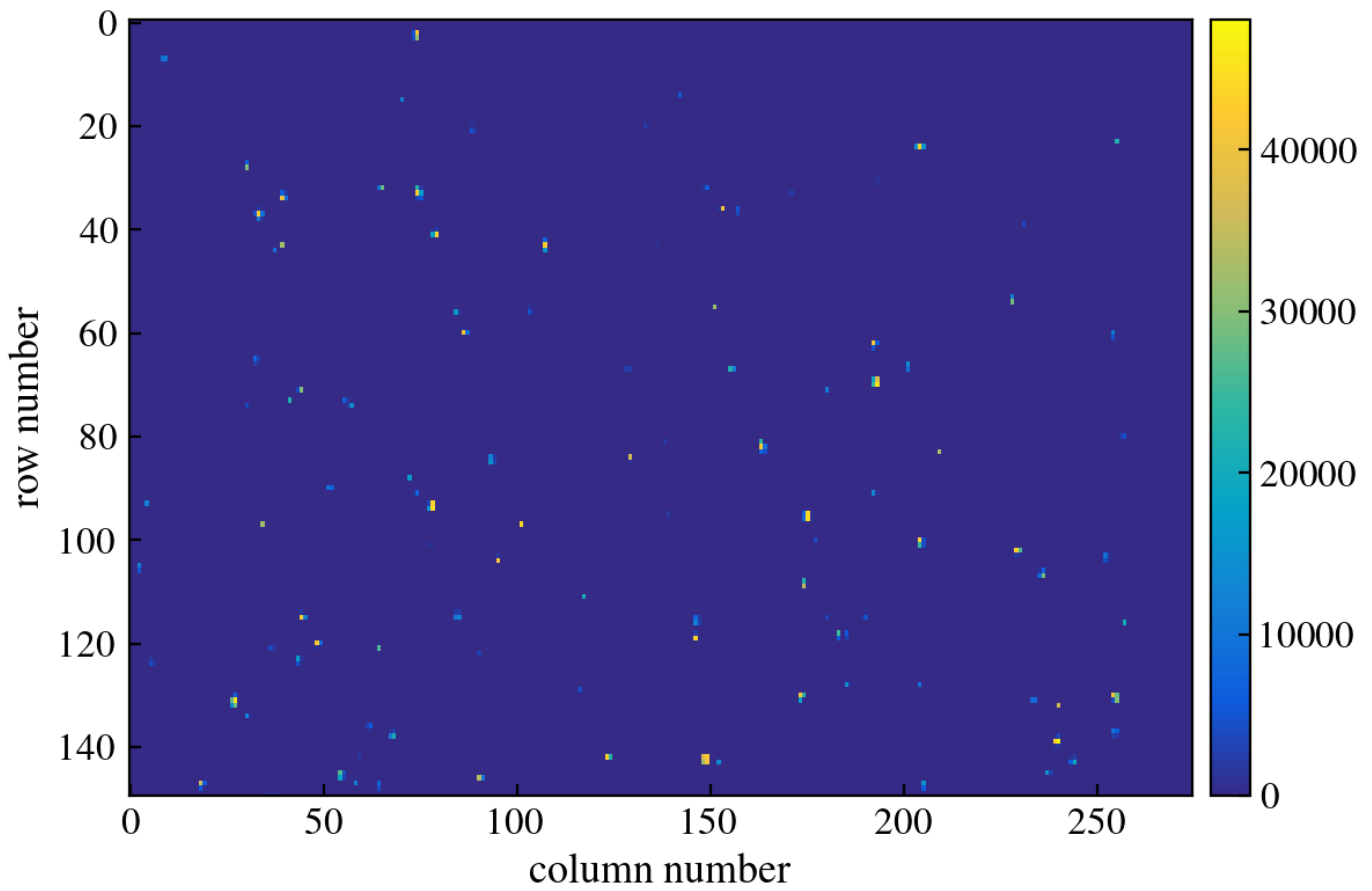


Figure 426: CCD Image

CCD Image: run 147, image 94  
[class MECCDImage]

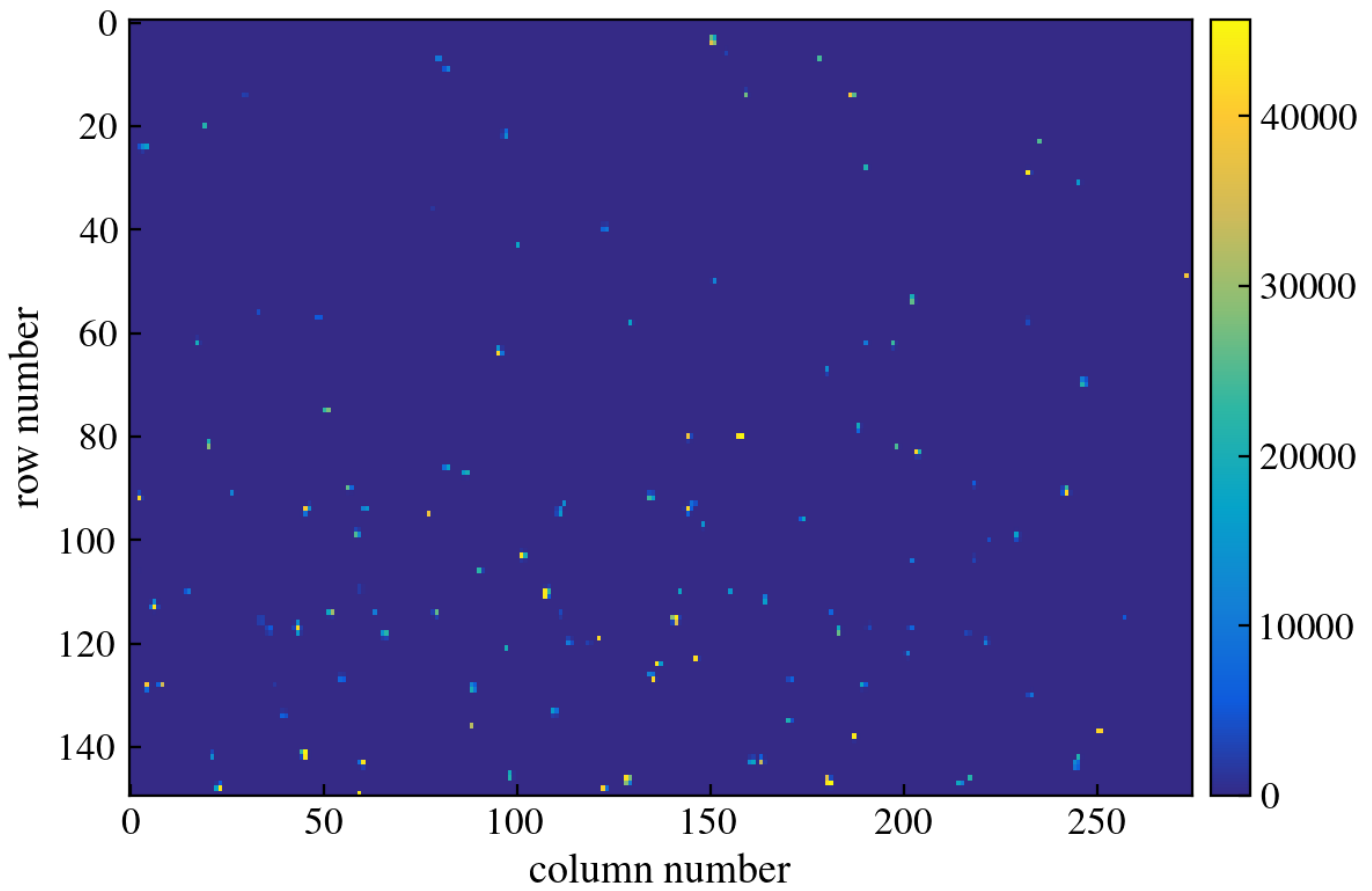


Figure 427: CCD Image



CCD Image: run 147, image 95  
[class MECCDImage]

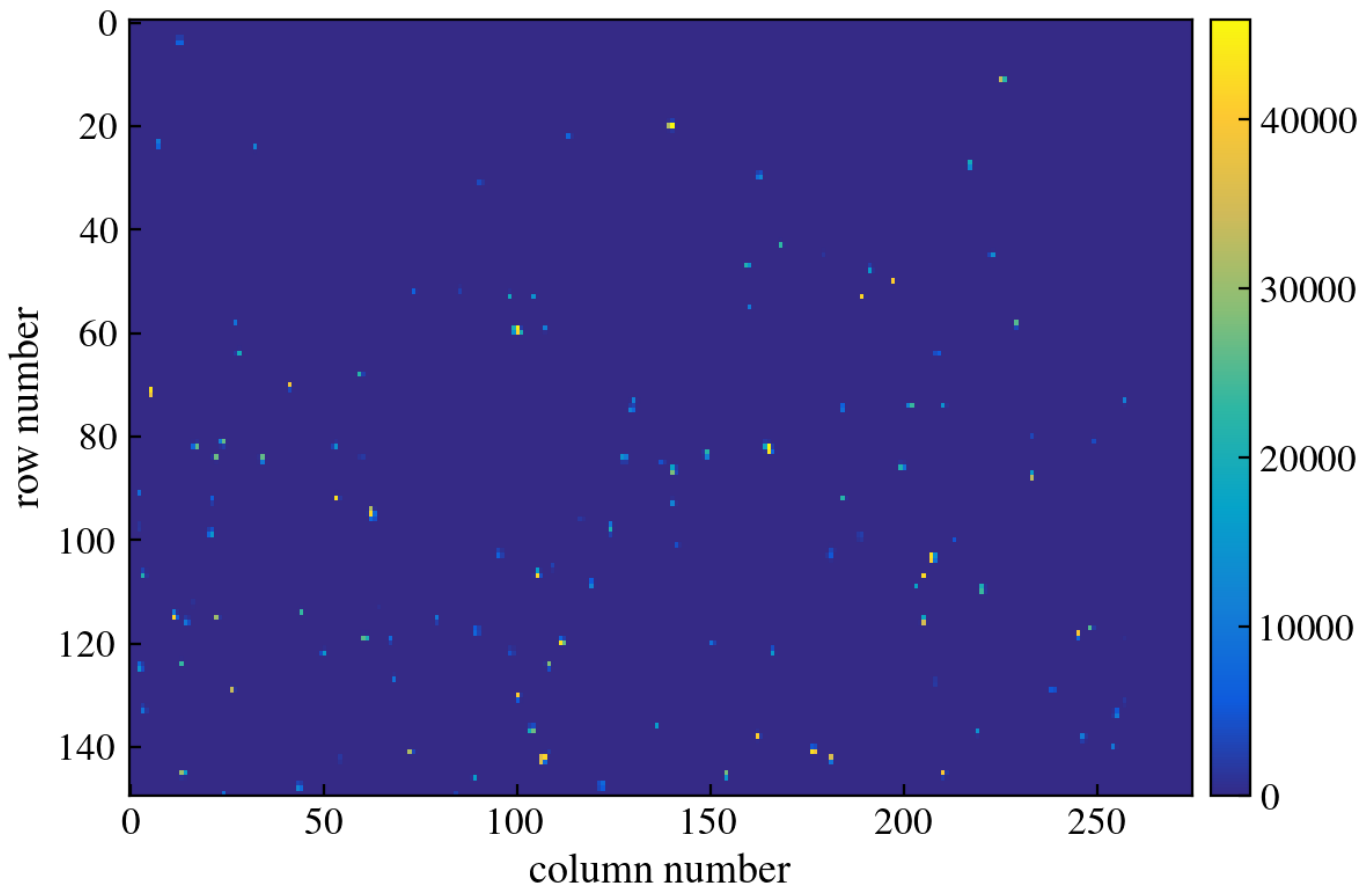


Figure 428: CCD Image

CCD Image: run 147, image 96  
[class MECCDImage]

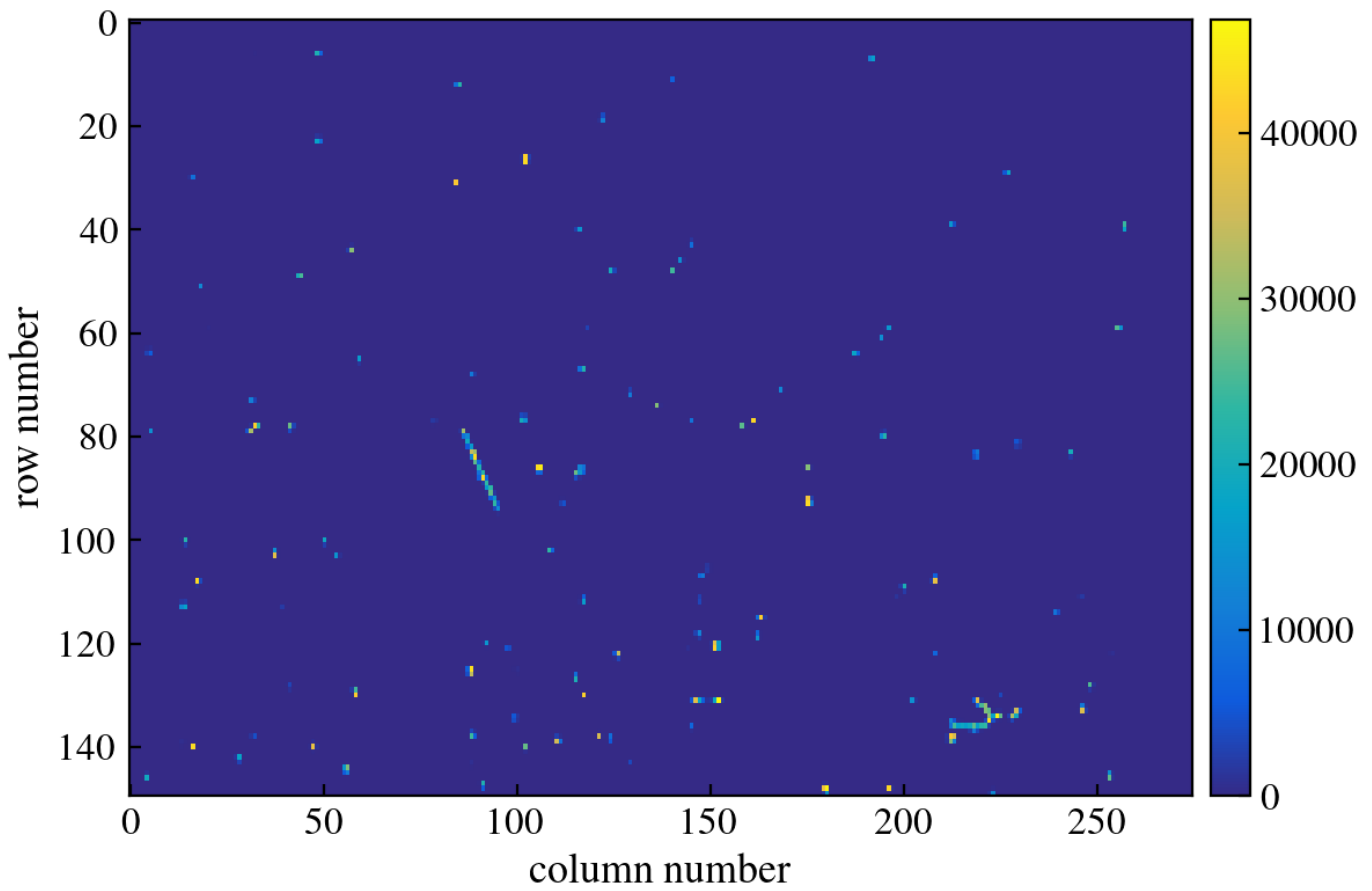


Figure 429: CCD Image

CCD Image: run 147, image 97  
[class MECCDImage]

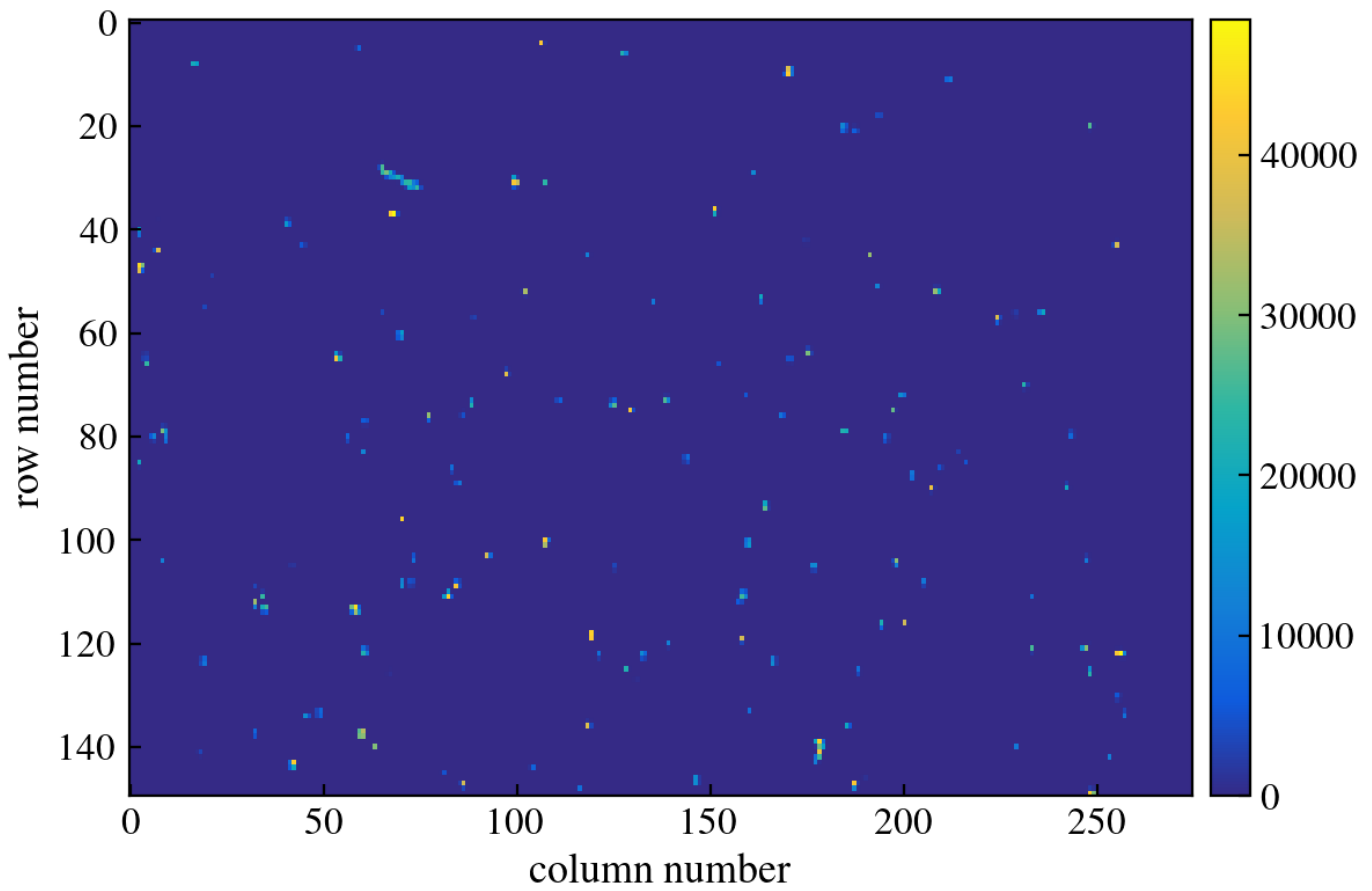


Figure 430: CCD Image

CCD Image: run 147, image 98  
[class MECCDImage]

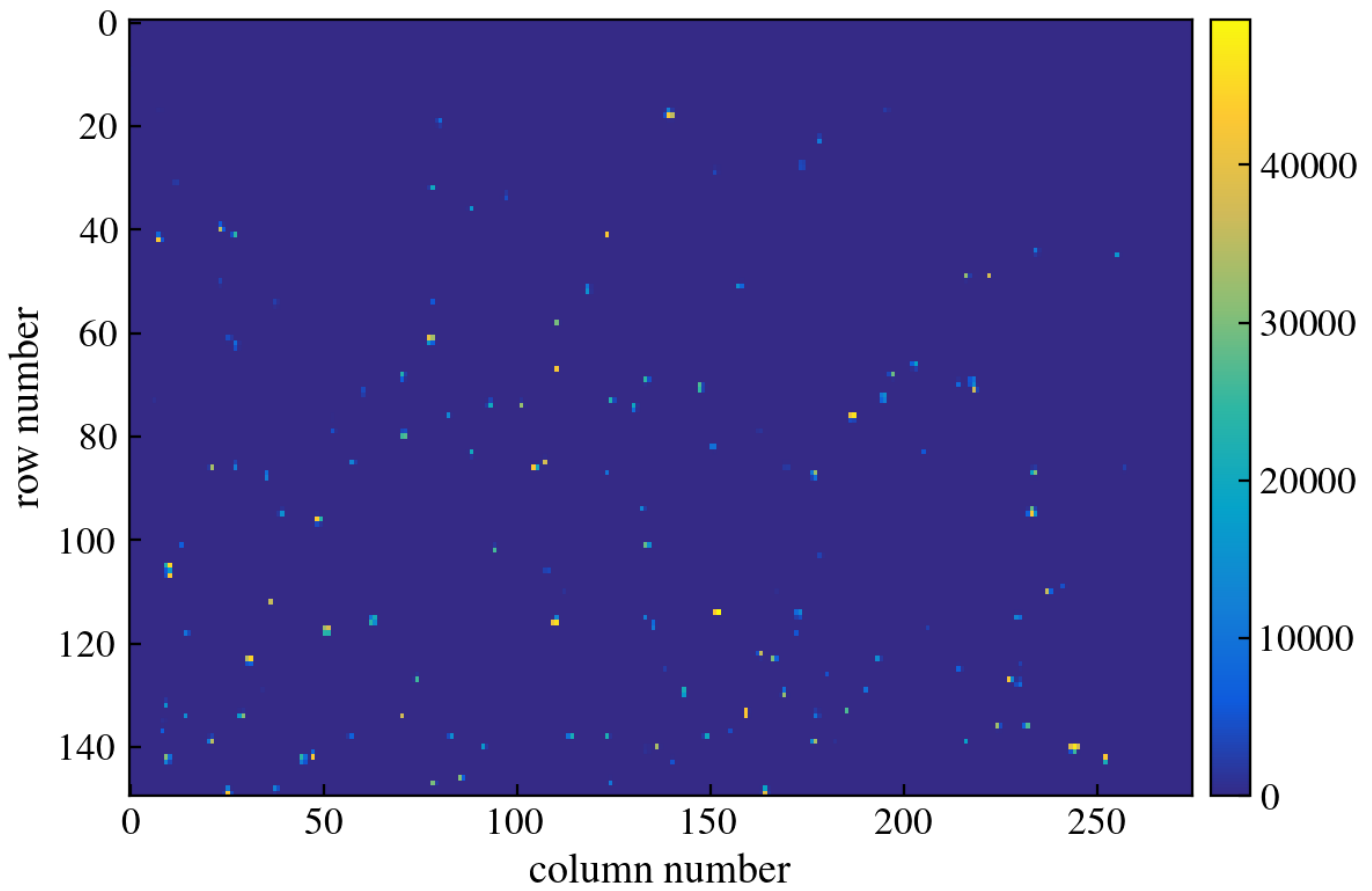


Figure 431: CCD Image

CCD Image: run 147, image 99  
[class MECCDImage]

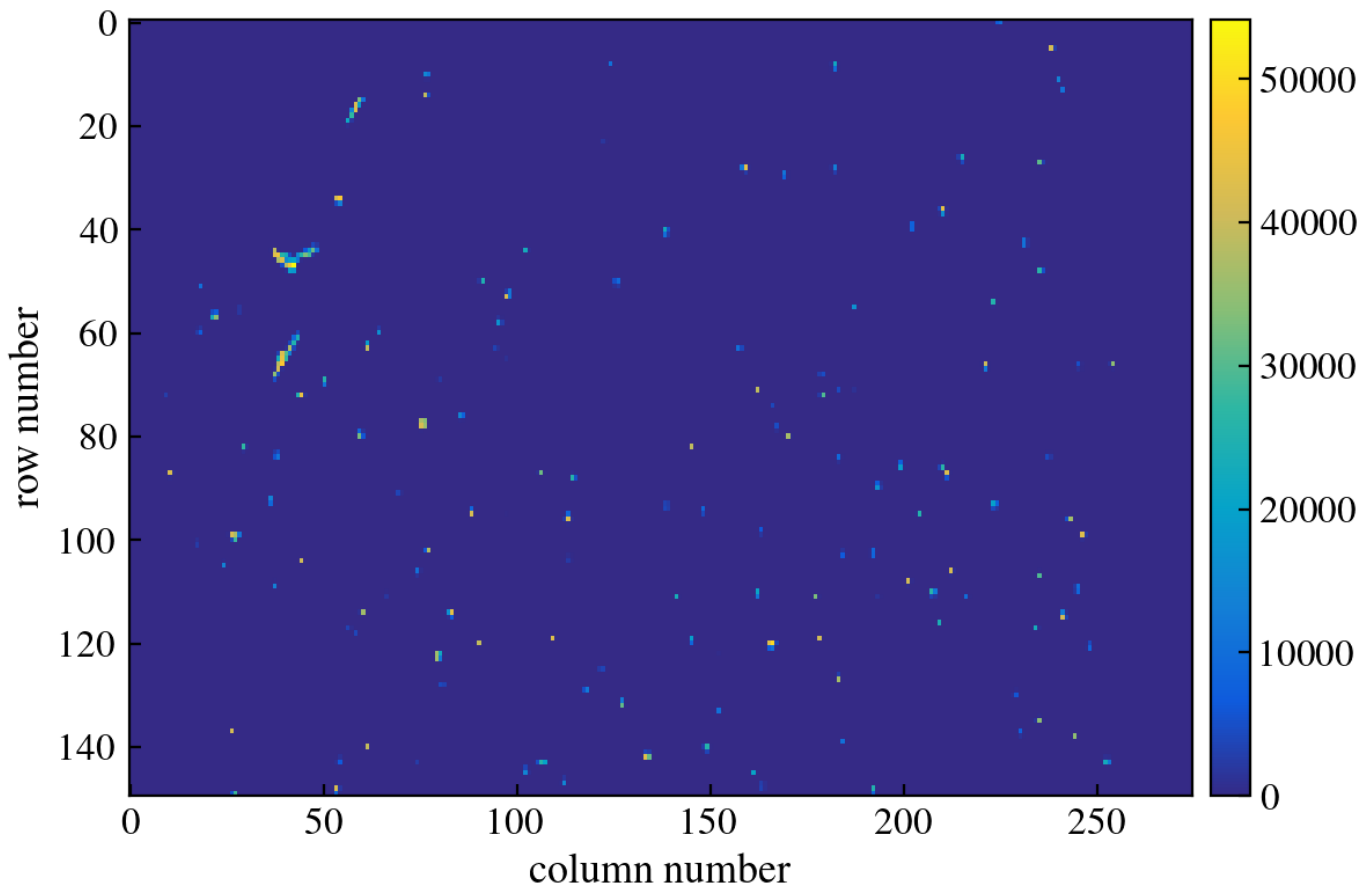


Figure 432: CCD Image

Overscan. Baseline Shift Status vs Image  
[class MEBaselineShift]

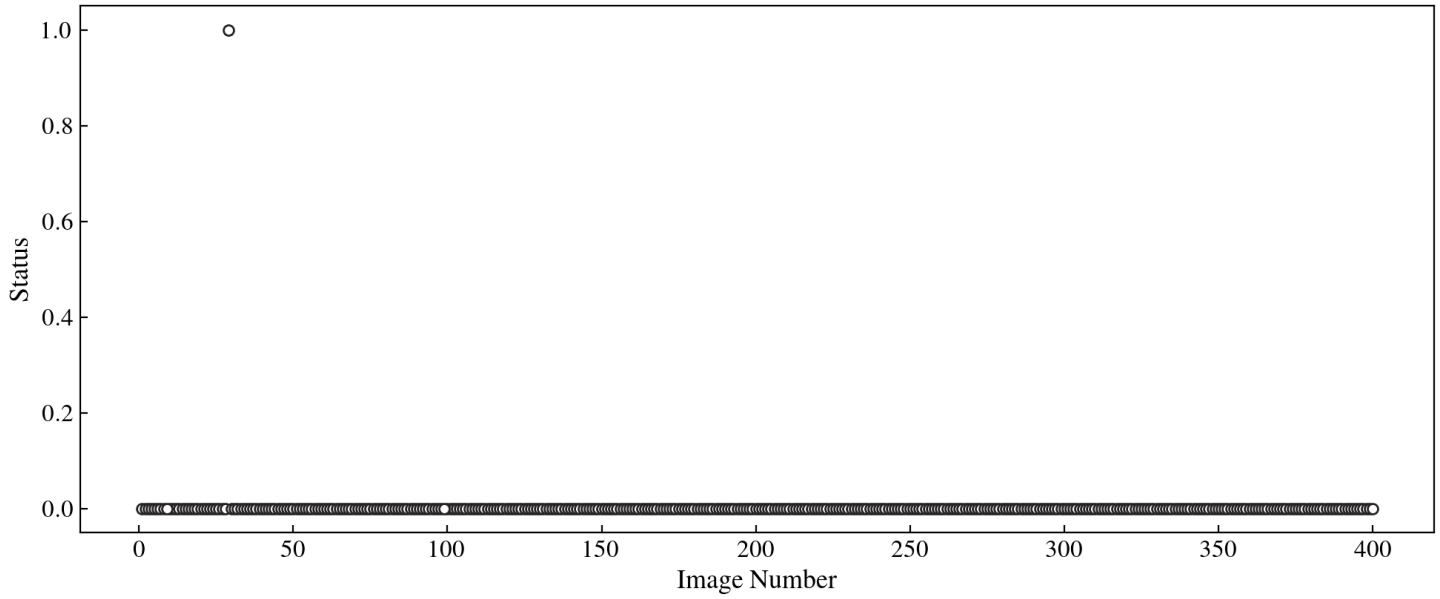
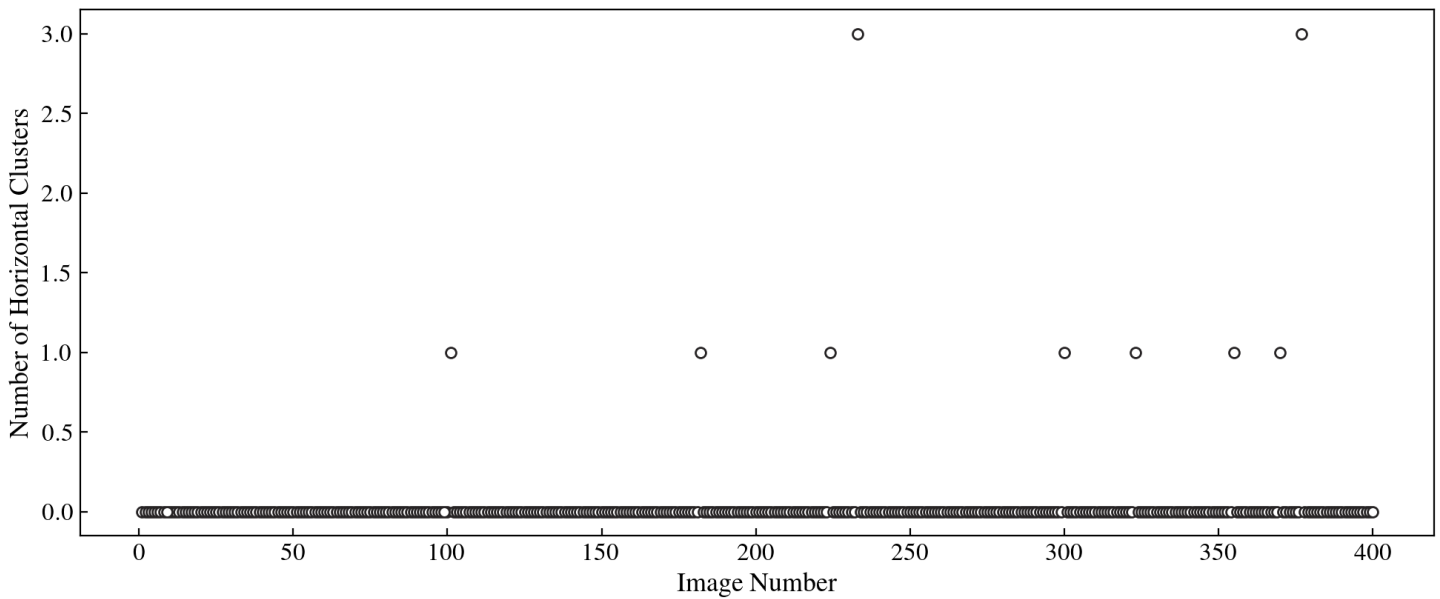


Figure 433: Overscan. Baseline Shift Status vs Image

Overscan. Horizontal Clusters vs Image  
[class MEHorizontalClusters]



Overscan. Miscellaneous Noise Found Status  
[class MESigmaCutoffNoise]

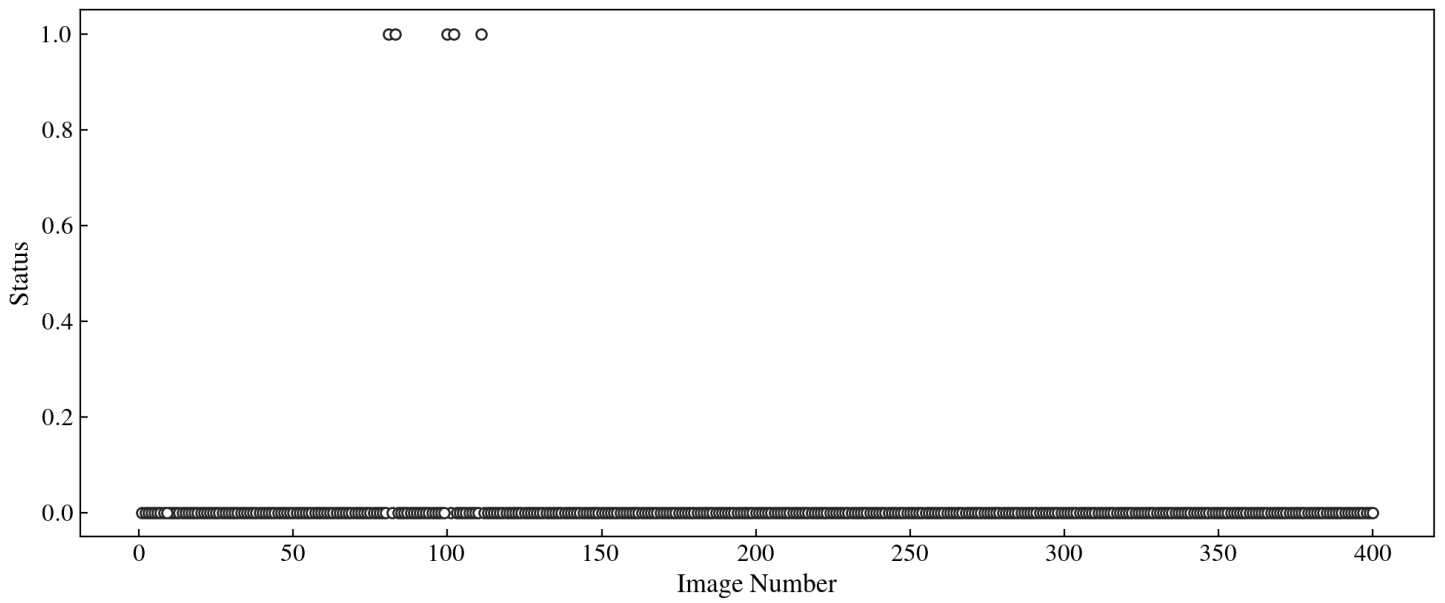


Figure 435: Overscan. Miscellaneous Noise Found Status