

DQM Report for run number 490

pysimdamicm.dqm.dqm_manager

November 15, 2021

Data directory:

/data/calidaq_backup/DataTaking/Co57/Run_490

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	2
2	Slope DC fit (from MEMeanDCperRow) vs file	2
3	Intercept DC fit (from MEMeanDCperRow) vs file	3
4	Active area. Baseline vs row	3
5	Active area. MAD vs row	4
6	Full Image. Baseline vs column	4
7	Full Image. MAD vs column	5
8	Overscan. Baseline vs row	5
9	Overscan. MAD vs row	6
10	PedestalSubtractionProcess: mean pedestal vs file (gauss fit)	6
11	PedestalSubtractionProcess: mean sigma vs file (gauss fit)	7
12	PedestalSubtractionProcess: mean pedestal vs file (gauss fit)	7
13	PedestalSubtractionProcess: mean sigma vs file (gauss fit)	8
14	Masked pixels	9
15	Masked pixels	10
16	Number of pixels with $E > 300.0$ eV vs file	11
17	Number of pixels with $E > 300.0$ eV vs file	11
18	Pixel Charge Distribution	12
19	Pixel Charge Distribution	13
20	Zero electron peak (from MEFitDC per Row) vs row	14
21	Electron Single Resolution (from MEFitDC per Row) vs row	15
22	Dark current (from MEFitDC per Row) vs row	15
23	Zero electron peak (from MEFitDC) vs Image	16
24	Electron Single Resolution (from MEFitDC) vs Image	16
25	Dark current (from MEFitDC per Row) vs Image	17
26	Calibration constant (from MEFitDC) vs Image	17
27	<i>Overscan. PCD Gaussian fit: μ_0</i>	18
28	<i>Overscan. PCD Gaussian fit: σ_0</i>	18
29	Electronic column transient showing an exponential behaviour	19
30	Column transient decay constant (from MEColTransient) vs Image	19
31	Column transient amplitude (from MEColTransient) vs Image	20
32	CCD Image	21
33	CCD Image	22
34	CCD Image	23
35	CCD Image	24

36	CCD Image	25
37	CCD Image	26
38	CCD Image	27
39	CCD Image	28
40	CCD Image	29
41	CCD Image	30
42	CCD Image	31
43	CCD Image	32
44	CCD Image	33
45	CCD Image	34
46	CCD Image	35
47	CCD Image	36
48	CCD Image	37
49	CCD Image	38
50	CCD Image	39
51	CCD Image	40
52	CCD Image	41
53	CCD Image	42
54	CCD Image	43
55	CCD Image	44
56	CCD Image	45
57	CCD Image	46
58	CCD Image	47
59	CCD Image	48
60	CCD Image	49
61	CCD Image	50
62	CCD Image	51
63	CCD Image	52
64	CCD Image	53
65	CCD Image	54
66	CCD Image	55
67	CCD Image	56
68	CCD Image	57
69	CCD Image	58
70	CCD Image	59
71	CCD Image	60
72	CCD Image	61
73	CCD Image	62
74	CCD Image	63
75	CCD Image	64
76	CCD Image	65
77	CCD Image	66
78	CCD Image	67
79	CCD Image	68
80	CCD Image	69
81	CCD Image	70
82	CCD Image	71
83	CCD Image	72
84	CCD Image	73
85	CCD Image	74
86	CCD Image	75
87	CCD Image	76
88	CCD Image	77
89	CCD Image	78
90	CCD Image	79
91	CCD Image	80

92	CCD Image	81
93	CCD Image	82
94	CCD Image	83
95	CCD Image	84
96	CCD Image	85
97	CCD Image	86
98	CCD Image	87
99	CCD Image	88
100	CCD Image	89
101	CCD Image	90
102	CCD Image	91
103	CCD Image	92
104	CCD Image	93
105	CCD Image	94
106	CCD Image	95
107	CCD Image	96
108	CCD Image	97
109	CCD Image	98
110	CCD Image	99
111	CCD Image	100
112	CCD Image	101
113	CCD Image	102
114	CCD Image	103
115	CCD Image	104
116	CCD Image	105
117	CCD Image	106
118	CCD Image	107
119	CCD Image	108
120	CCD Image	109
121	CCD Image	110
122	CCD Image	111
123	CCD Image	112
124	CCD Image	113
125	CCD Image	114
126	CCD Image	115
127	CCD Image	116
128	CCD Image	117
129	CCD Image	118
130	CCD Image	119
131	CCD Image	120
132	CCD Image	121
133	CCD Image	122
134	CCD Image	123
135	CCD Image	124
136	CCD Image	125
137	CCD Image	126
138	CCD Image	127
139	CCD Image	128
140	CCD Image	129
141	CCD Image	130
142	CCD Image	131
143	CCD Image	132
144	CCD Image	133
145	CCD Image	134
146	CCD Image	135
147	CCD Image	136

148	CCD Image	137
149	CCD Image	138
150	CCD Image	139
151	CCD Image	140
152	CCD Image	141
153	CCD Image	142
154	CCD Image	143
155	CCD Image	144
156	CCD Image	145
157	CCD Image	146
158	CCD Image	147
159	CCD Image	148
160	CCD Image	149
161	CCD Image	150
162	CCD Image	151
163	CCD Image	152
164	CCD Image	153
165	CCD Image	154
166	CCD Image	155
167	CCD Image	156
168	CCD Image	157
169	CCD Image	158
170	CCD Image	159
171	CCD Image	160
172	CCD Image	161
173	CCD Image	162
174	CCD Image	163
175	CCD Image	164
176	CCD Image	165
177	CCD Image	166
178	CCD Image	167
179	CCD Image	168
180	CCD Image	169
181	CCD Image	170
182	CCD Image	171
183	CCD Image	172
184	CCD Image	173
185	CCD Image	174
186	CCD Image	175
187	CCD Image	176
188	CCD Image	177
189	CCD Image	178
190	CCD Image	179
191	CCD Image	180
192	CCD Image	181
193	CCD Image	182
194	CCD Image	183
195	CCD Image	184
196	CCD Image	185
197	CCD Image	186
198	CCD Image	187
199	CCD Image	188
200	CCD Image	189
201	CCD Image	190
202	CCD Image	191
203	CCD Image	192

204	CCD Image	193
205	CCD Image	194
206	CCD Image	195
207	CCD Image	196
208	CCD Image	197
209	CCD Image	198
210	CCD Image	199
211	CCD Image	200
212	CCD Image	201
213	CCD Image	202
214	CCD Image	203
215	CCD Image	204
216	CCD Image	205
217	CCD Image	206
218	CCD Image	207
219	CCD Image	208
220	CCD Image	209
221	CCD Image	210
222	CCD Image	211
223	CCD Image	212
224	CCD Image	213
225	CCD Image	214
226	CCD Image	215
227	CCD Image	216
228	CCD Image	217
229	CCD Image	218
230	CCD Image	219
231	CCD Image	220
232	CCD Image	221
233	CCD Image	222
234	CCD Image	223
235	CCD Image	224
236	CCD Image	225
237	CCD Image	226
238	CCD Image	227
239	CCD Image	228
240	CCD Image	229
241	CCD Image	230
242	CCD Image	231
243	CCD Image	232
244	CCD Image	233
245	CCD Image	234
246	CCD Image	235
247	CCD Image	236
248	CCD Image	237
249	CCD Image	238
250	CCD Image	239
251	CCD Image	240
252	CCD Image	241
253	CCD Image	242
254	CCD Image	243
255	CCD Image	244
256	CCD Image	245
257	CCD Image	246
258	CCD Image	247
259	CCD Image	248

260	CCD Image	249
261	CCD Image	250
262	CCD Image	251
263	CCD Image	252
264	CCD Image	253
265	CCD Image	254
266	CCD Image	255
267	CCD Image	256
268	CCD Image	257
269	CCD Image	258
270	CCD Image	259
271	CCD Image	260
272	CCD Image	261
273	CCD Image	262
274	CCD Image	263
275	CCD Image	264
276	CCD Image	265
277	CCD Image	266
278	CCD Image	267
279	CCD Image	268
280	CCD Image	269
281	CCD Image	270
282	CCD Image	271
283	CCD Image	272
284	CCD Image	273
285	CCD Image	274
286	CCD Image	275
287	CCD Image	276
288	CCD Image	277
289	CCD Image	278
290	CCD Image	279
291	CCD Image	280
292	CCD Image	281
293	CCD Image	282
294	CCD Image	283
295	CCD Image	284
296	CCD Image	285
297	CCD Image	286
298	CCD Image	287
299	CCD Image	288
300	CCD Image	289
301	CCD Image	290
302	CCD Image	291
303	CCD Image	292
304	CCD Image	293
305	CCD Image	294
306	CCD Image	295
307	CCD Image	296
308	CCD Image	297
309	CCD Image	298
310	CCD Image	299
311	CCD Image	300
312	CCD Image	301
313	CCD Image	302
314	CCD Image	303
315	CCD Image	304

316	CCD Image	305
317	CCD Image	306
318	CCD Image	307
319	CCD Image	308
320	CCD Image	309
321	CCD Image	310
322	CCD Image	311
323	CCD Image	312
324	CCD Image	313
325	CCD Image	314
326	CCD Image	315
327	CCD Image	316
328	CCD Image	317
329	CCD Image	318
330	CCD Image	319
331	CCD Image	320
332	CCD Image	321
333	CCD Image	322
334	CCD Image	323
335	CCD Image	324
336	CCD Image	325
337	CCD Image	326
338	CCD Image	327
339	CCD Image	328
340	CCD Image	329
341	CCD Image	330
342	CCD Image	331
343	CCD Image	332
344	CCD Image	333
345	CCD Image	334
346	CCD Image	335
347	CCD Image	336
348	CCD Image	337
349	CCD Image	338
350	CCD Image	339
351	CCD Image	340
352	CCD Image	341
353	CCD Image	342
354	CCD Image	343
355	CCD Image	344
356	CCD Image	345
357	CCD Image	346
358	CCD Image	347
359	CCD Image	348
360	CCD Image	349
361	CCD Image	350
362	CCD Image	351
363	CCD Image	352
364	CCD Image	353
365	CCD Image	354
366	CCD Image	355
367	CCD Image	356
368	CCD Image	357
369	CCD Image	358
370	CCD Image	359
371	CCD Image	360

372	CCD Image	361
373	CCD Image	362
374	CCD Image	363
375	CCD Image	364
376	CCD Image	365
377	CCD Image	366
378	CCD Image	367
379	CCD Image	368
380	CCD Image	369
381	CCD Image	370
382	CCD Image	371
383	CCD Image	372
384	CCD Image	373
385	CCD Image	374
386	CCD Image	375
387	CCD Image	376
388	CCD Image	377
389	CCD Image	378
390	CCD Image	379
391	CCD Image	380
392	CCD Image	381
393	CCD Image	382
394	CCD Image	383
395	CCD Image	384
396	CCD Image	385
397	CCD Image	386
398	CCD Image	387
399	CCD Image	388
400	CCD Image	389
401	CCD Image	390
402	CCD Image	391
403	CCD Image	392
404	CCD Image	393
405	CCD Image	394
406	CCD Image	395
407	CCD Image	396
408	CCD Image	397
409	CCD Image	398
410	CCD Image	399
411	CCD Image	400
412	CCD Image	401
413	CCD Image	402
414	CCD Image	403
415	CCD Image	404
416	CCD Image	405
417	CCD Image	406
418	CCD Image	407
419	CCD Image	408
420	CCD Image	409
421	CCD Image	410
422	CCD Image	411
423	CCD Image	412
424	CCD Image	413
425	CCD Image	414
426	CCD Image	415
427	CCD Image	416

428	CCD Image	417
429	CCD Image	418
430	CCD Image	419
431	CCD Image	420
432	CCD Image	421
433	Overscan. Baseline Shift Status vs Image	422
434	Overscan. Horizontal Clusters vs Image	422
435	Overscan. Miscellaneous Noise Found Status	423

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

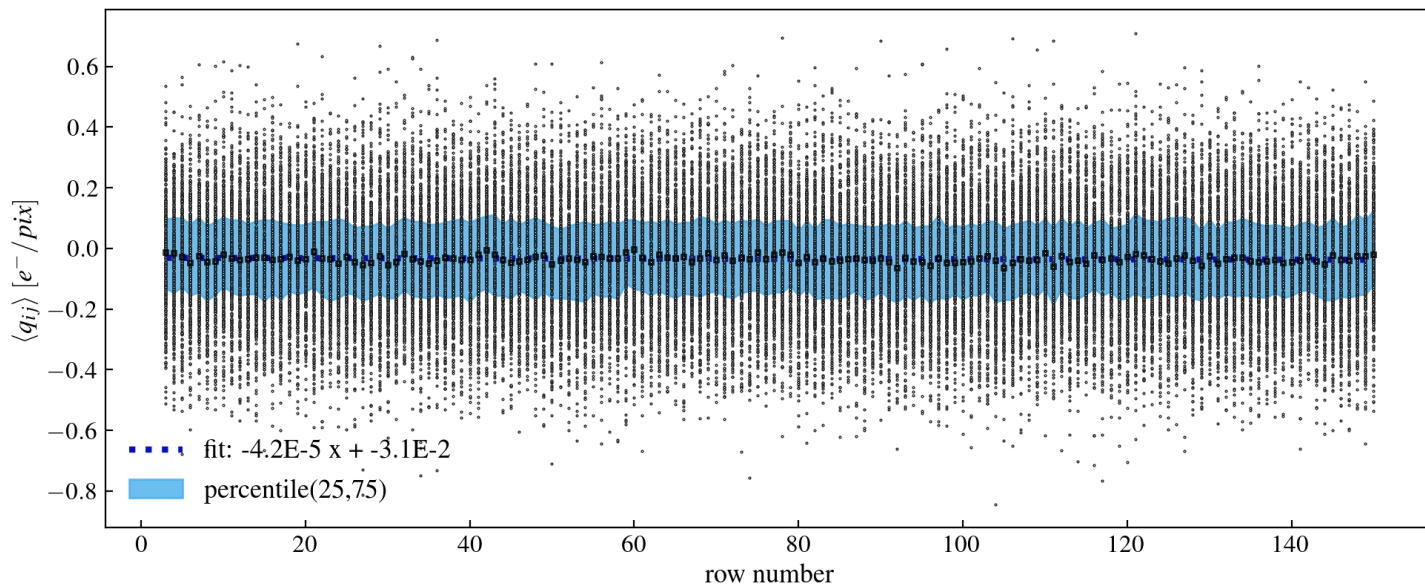


Figure 1: Active Area. Median dark current (only $q_{i,j} < q_i^{th}$) vs row

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

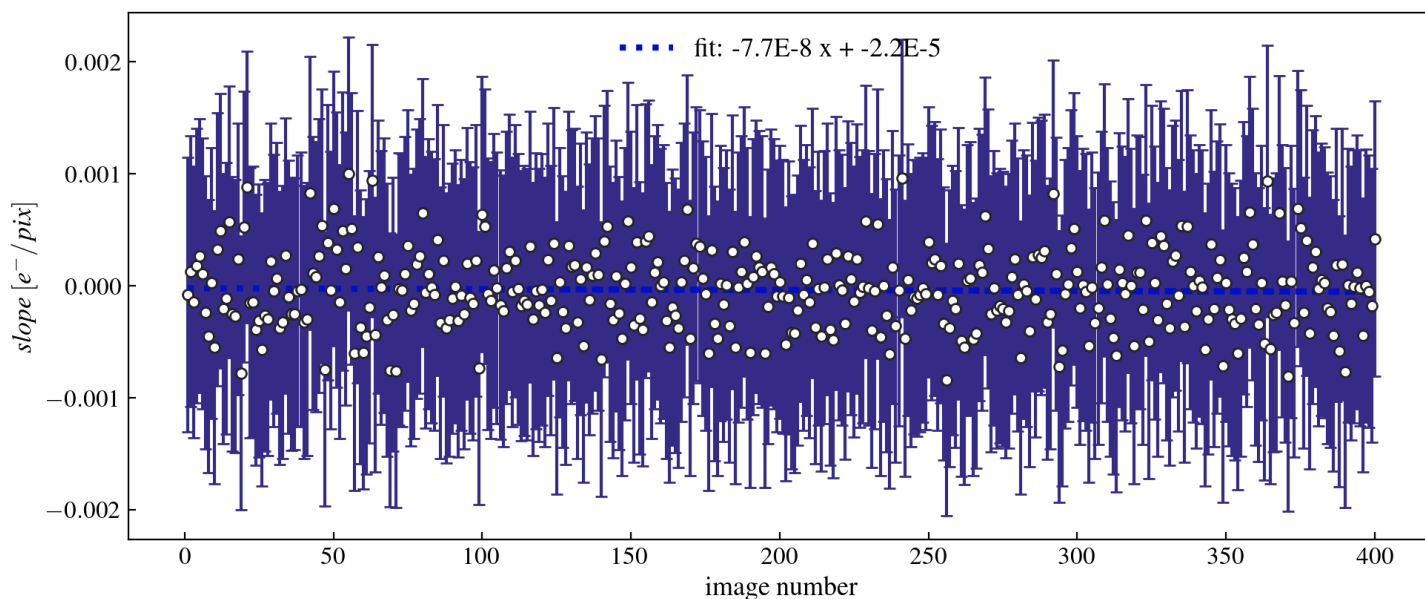


Figure 2: Slope DC fit (from MEMeanDCperRow) vs file

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

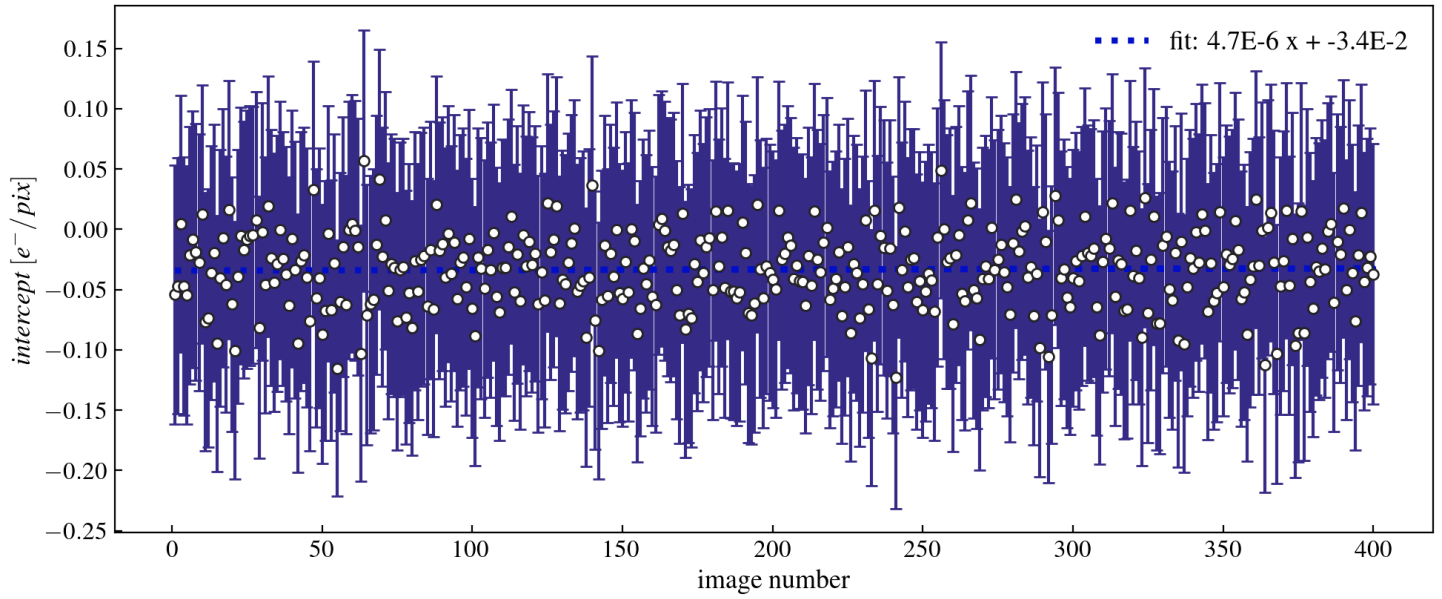


Figure 3: Intercept DC fit (from MEMeanDCperRow) vs file

Active area. Baseline vs row
[class MESensorMedianperRow]

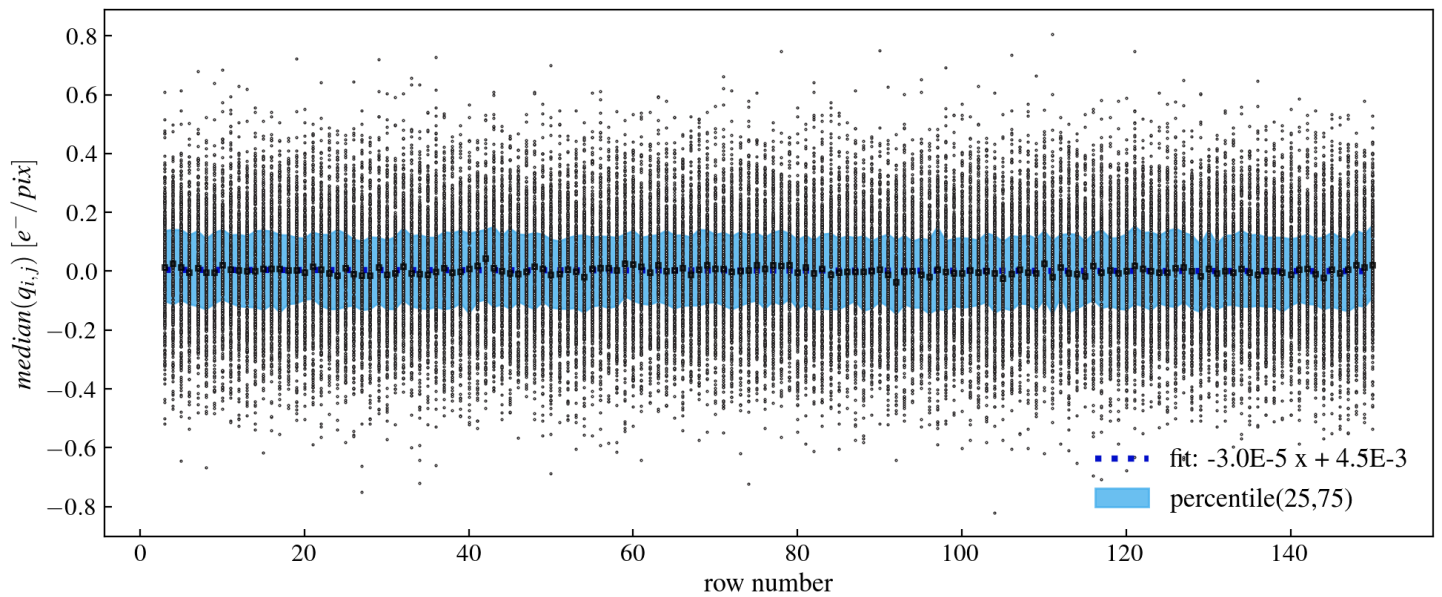


Figure 4: Active area. Baseline vs row

Active area. MAD vs row
[class MESensorMADperRow]

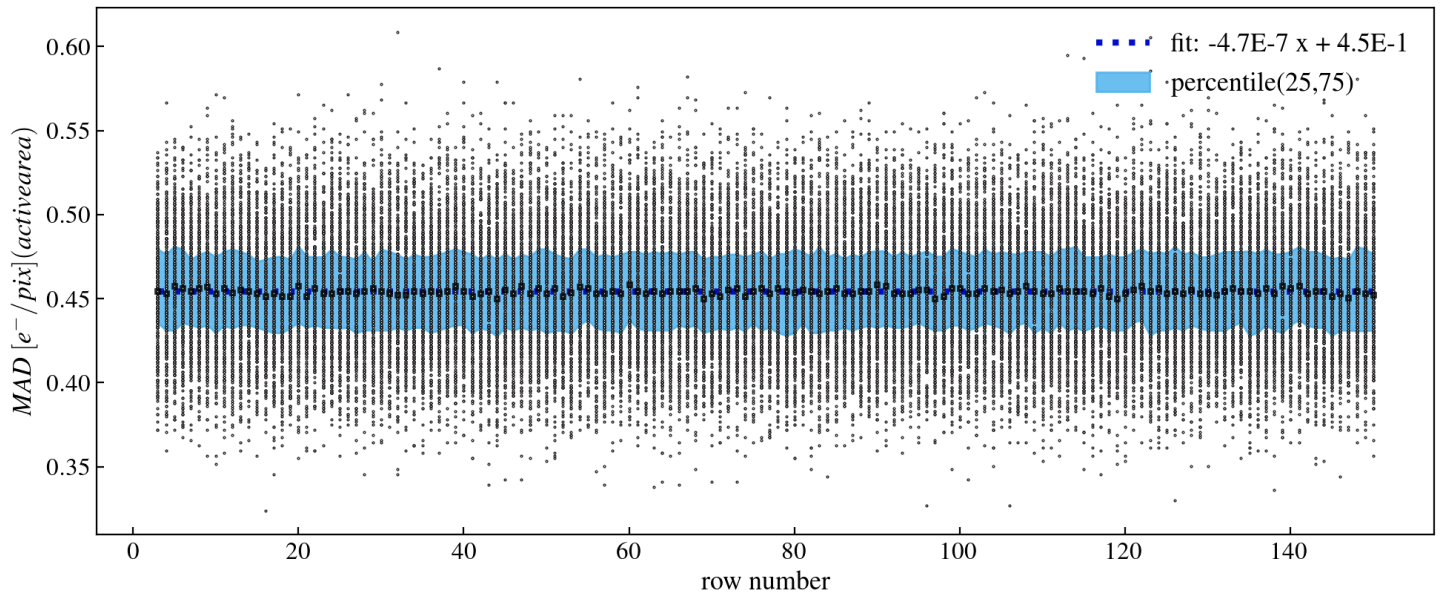


Figure 5: Active area. MAD vs row

Full Image. Baseline vs column
[class MEImageMedianperCol]

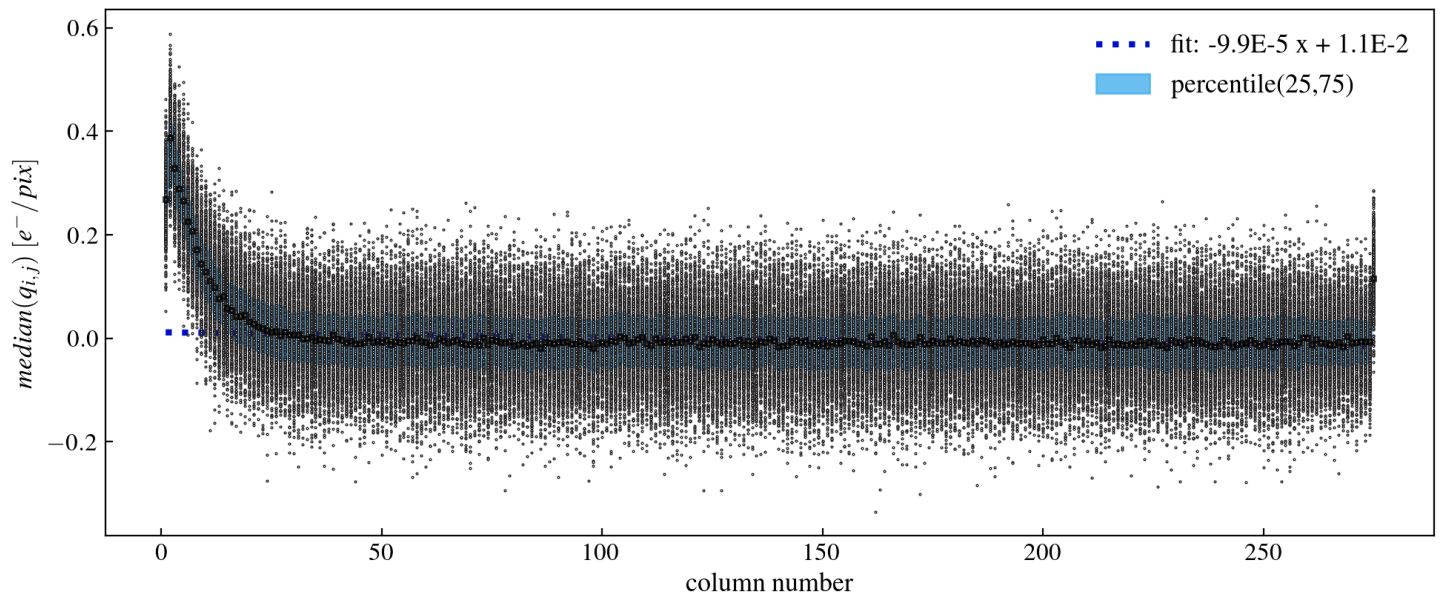


Figure 6: Full Image. Baseline vs column

Full Image. MAD vs column
[class MEImageMADperCol]

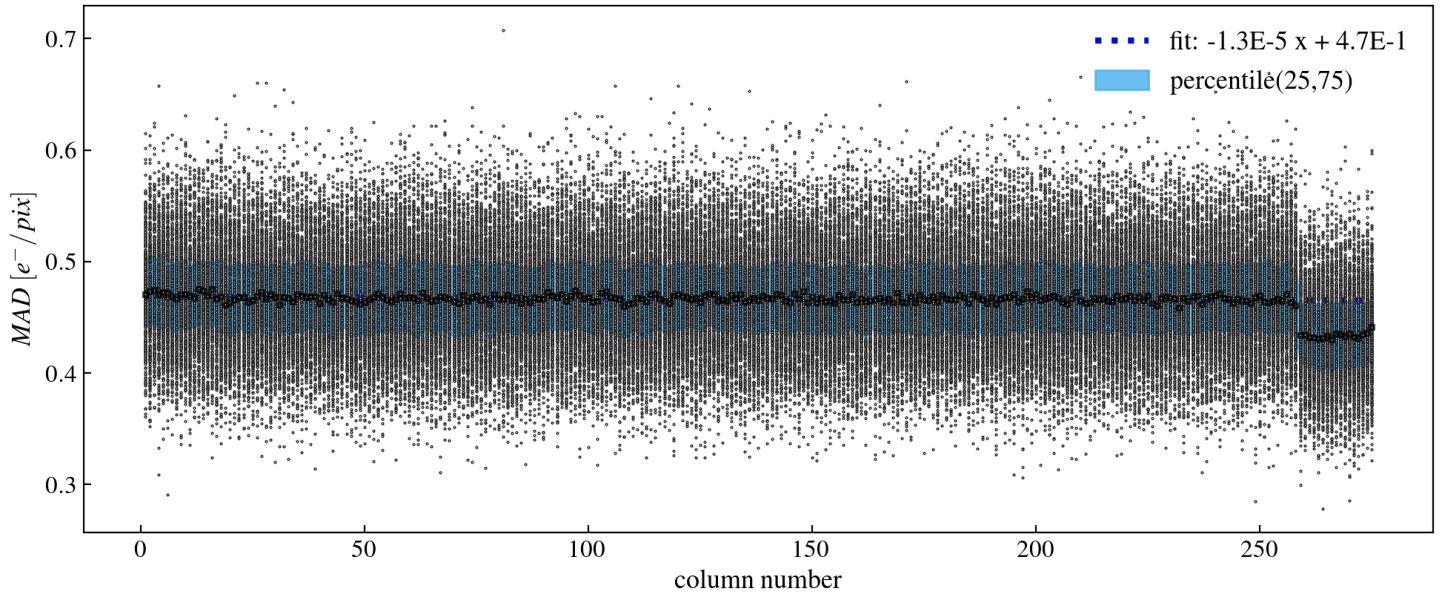


Figure 7: Full Image. MAD vs column

Overscan. Baseline vs row
[class MEOverscanMedianperRow]

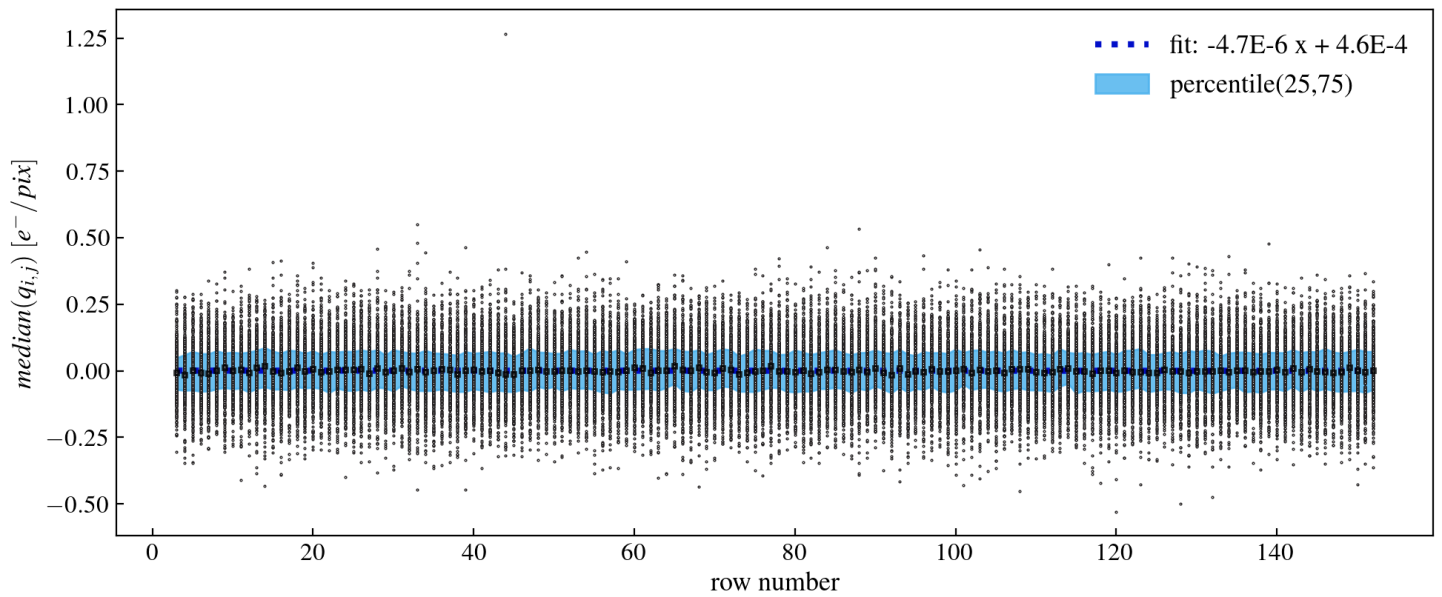


Figure 8: Overscan. Baseline vs row

Overscan. MAD vs row
[class MEOverscanMADperRow]

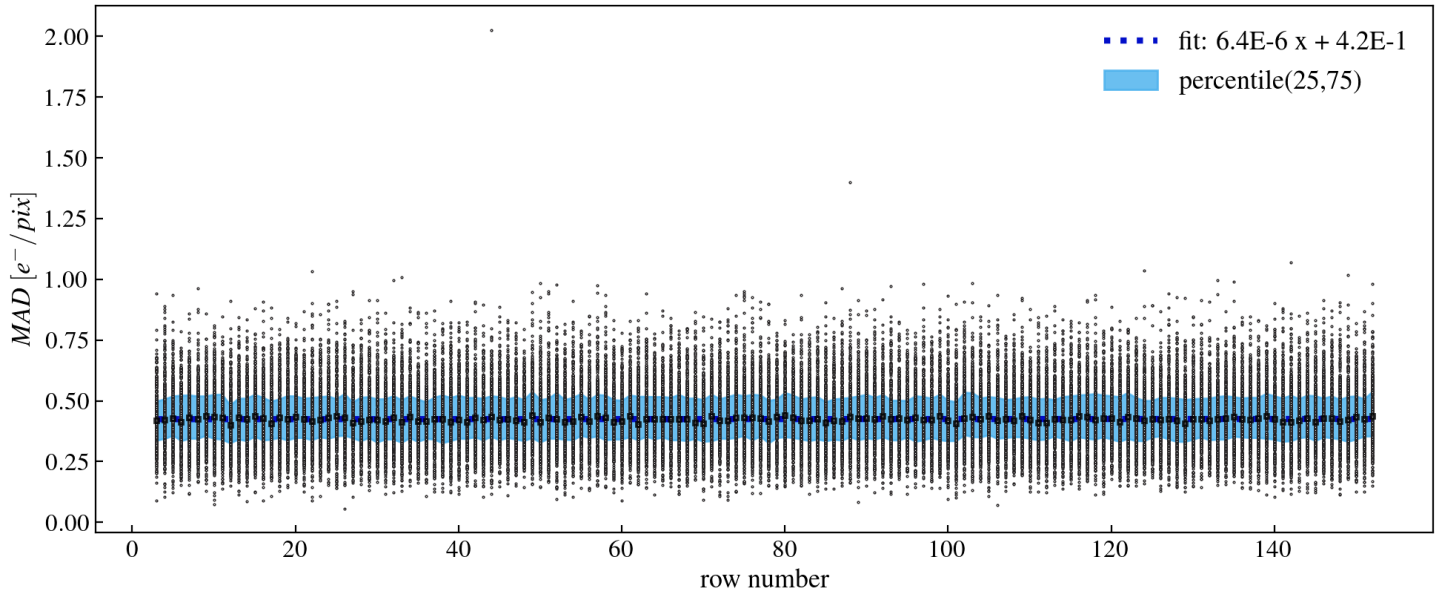


Figure 9: Overscan. MAD vs row

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

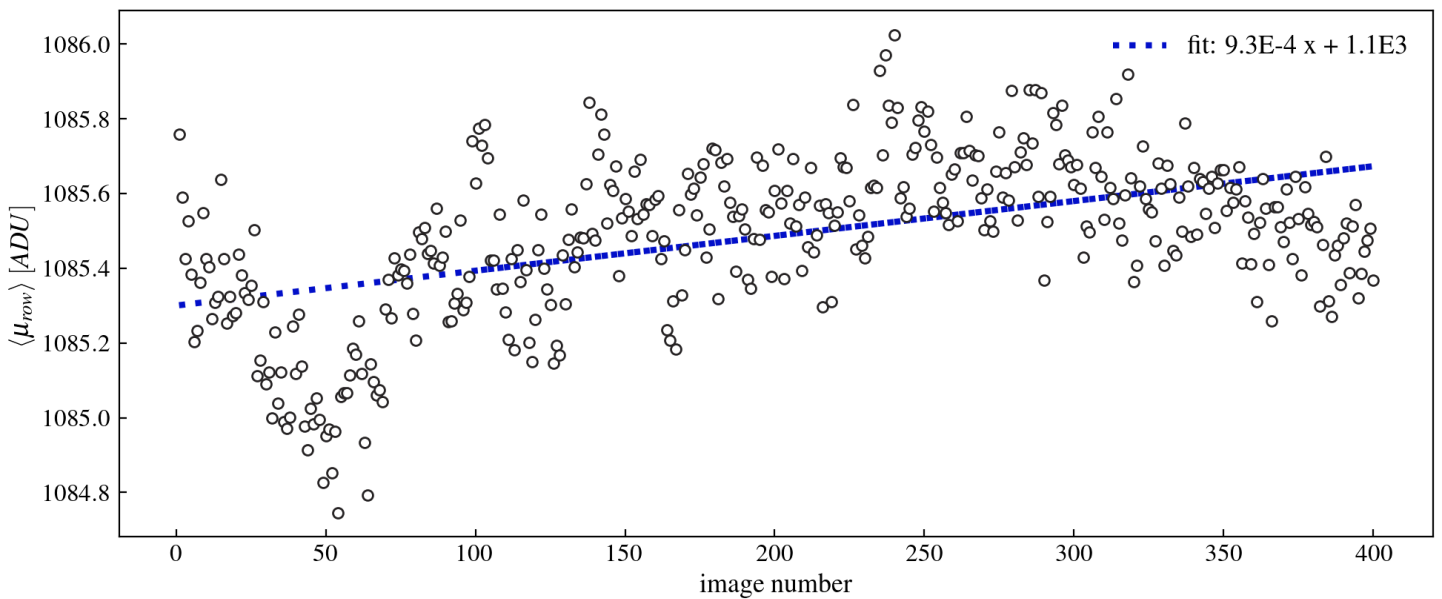


Figure 10: PedestalSubtractionProcess: mean pedestal vs file (gauss fit)

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

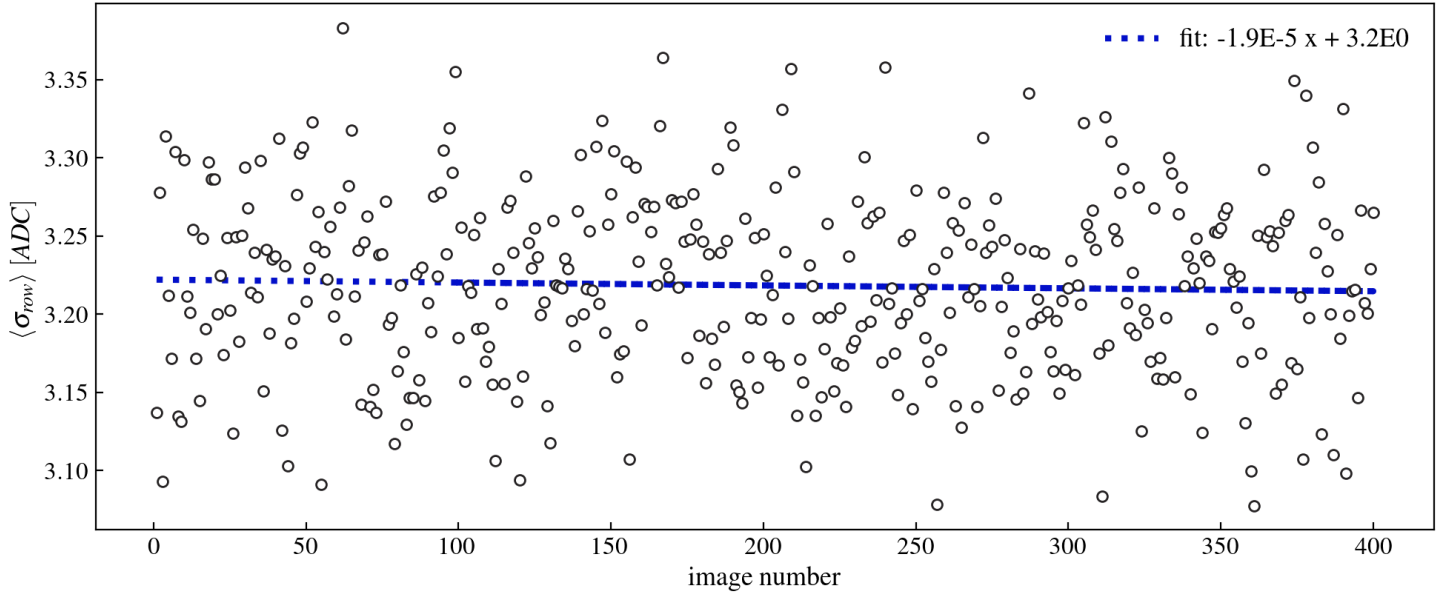


Figure 11: PedestalSubtractionProcess: mean sigma vs file (gauss fit)

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

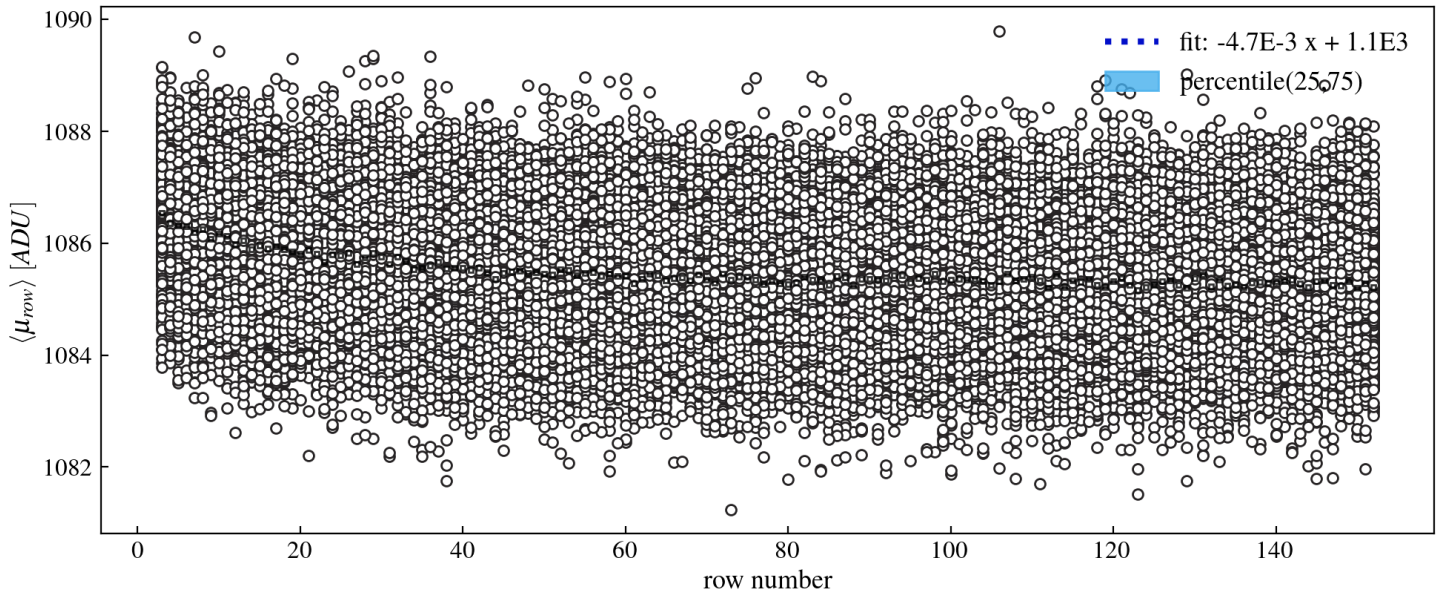


Figure 12: PedestalSubtractionProcess: mean pedestal vs file (gauss fit)

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

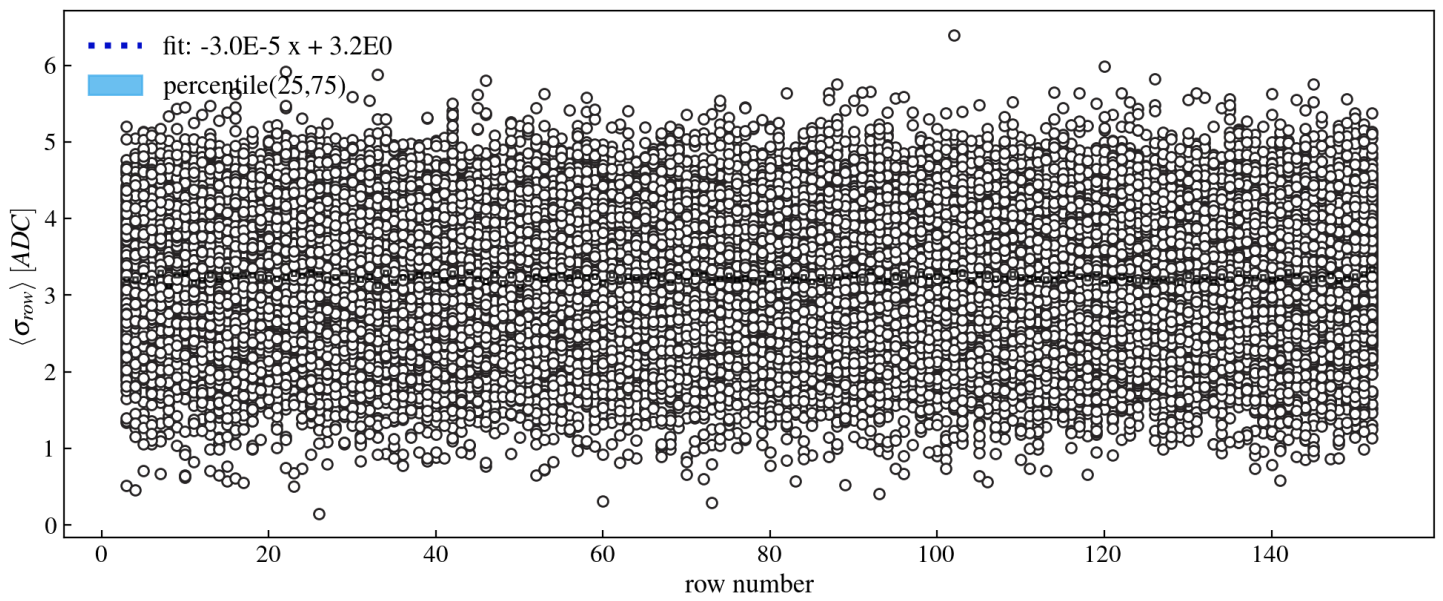


Figure 13: PedestalSubtractionProcess: mean sigma vs file (gauss fit)

Masked pixels [run 490]: frequency
[class MEMaskedPixels]

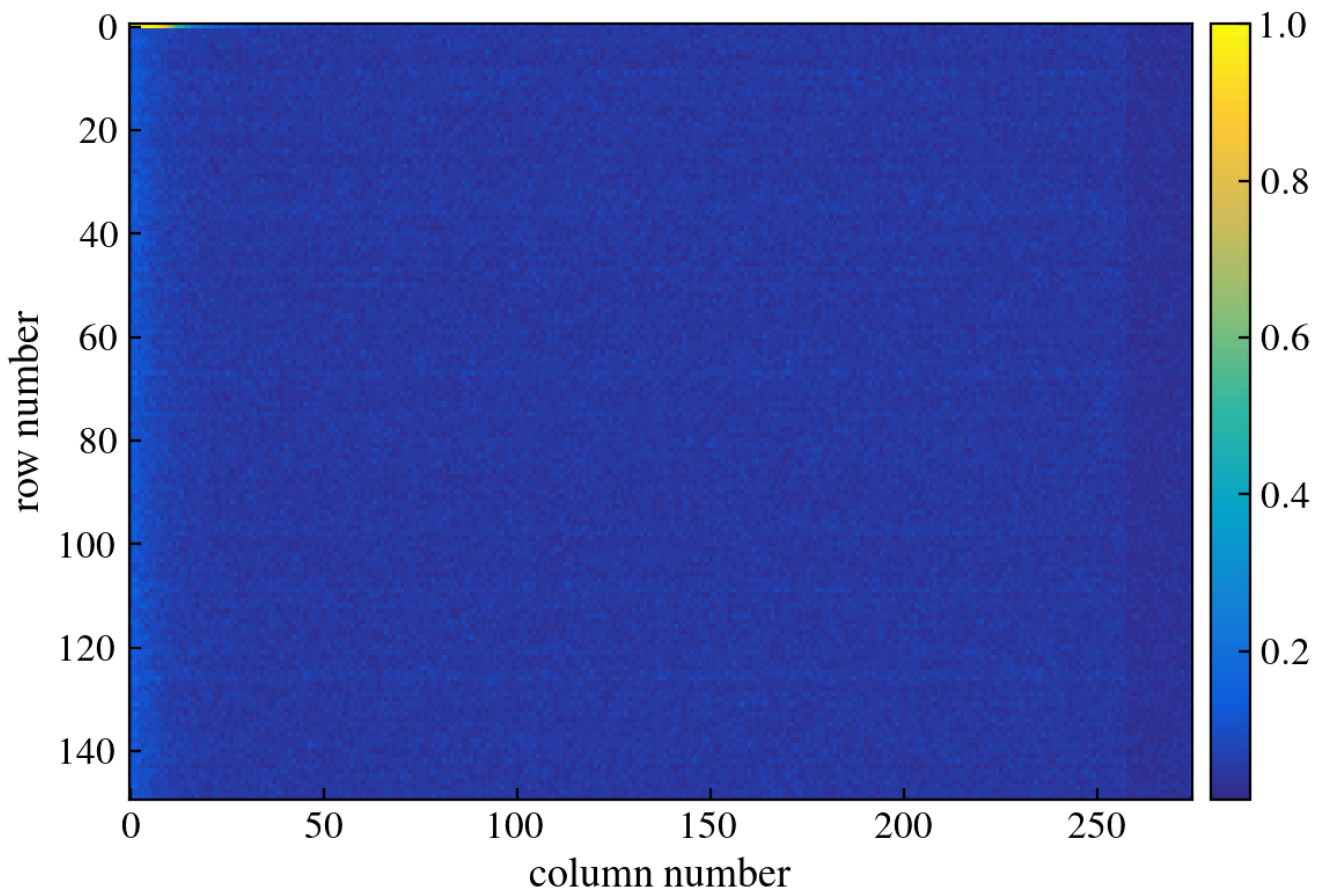


Figure 14: Masked pixels

Masked pixels [run 490]: mask
[12] masked pixels
[class MEMaskedPixels]

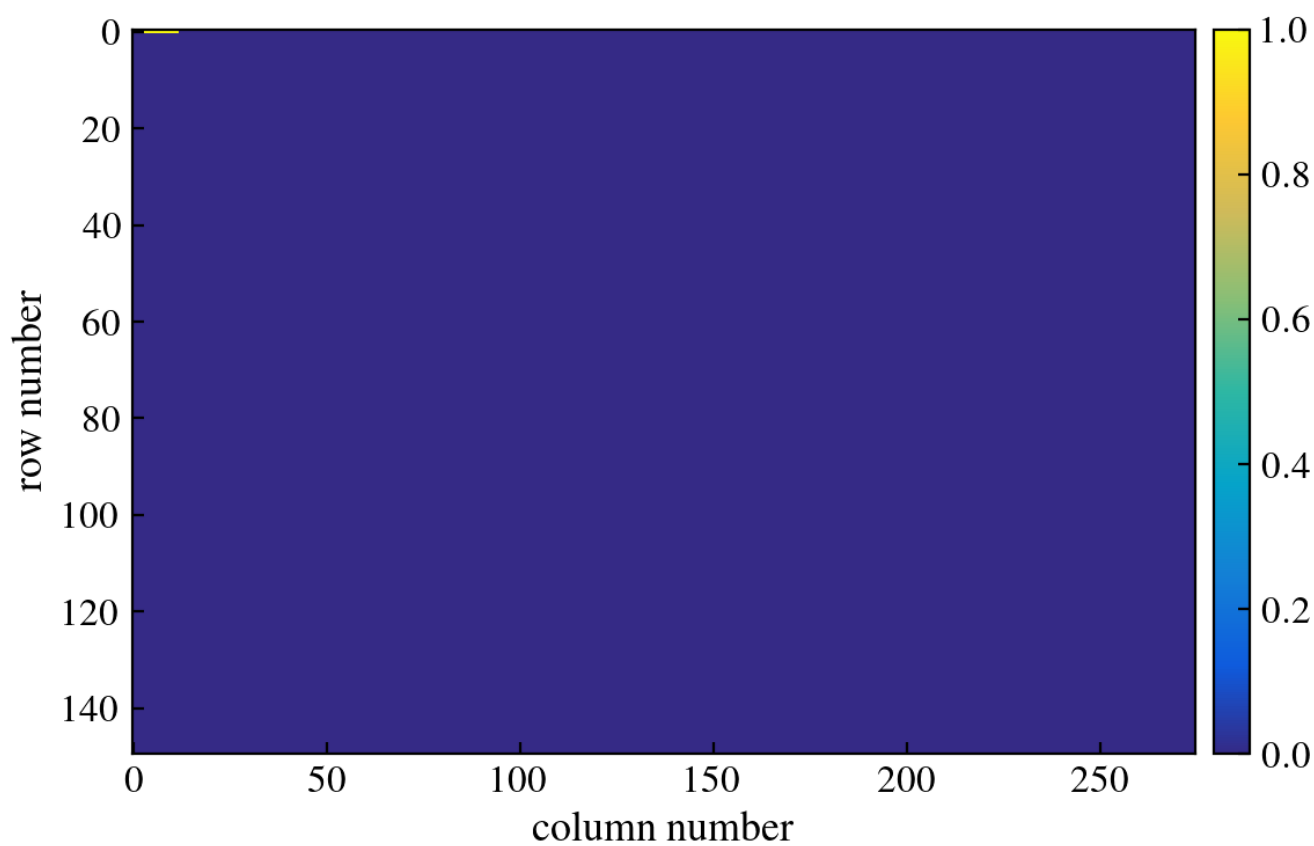


Figure 15: Masked pixels

Single Pixel Energy Distribution [w/ 5.27 ADC/e- and 3.77eV/e-]
[class MESinglePED]

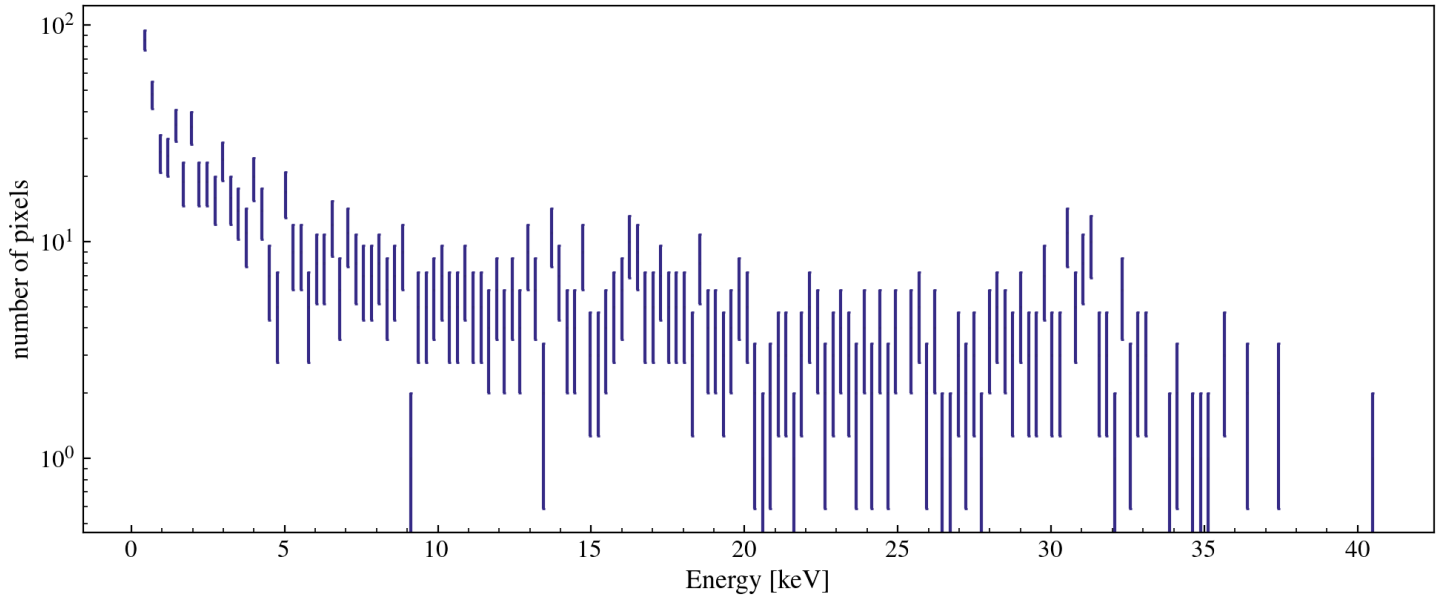


Figure 16: Number of pixels with $E > 300.0$ eV vs file

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

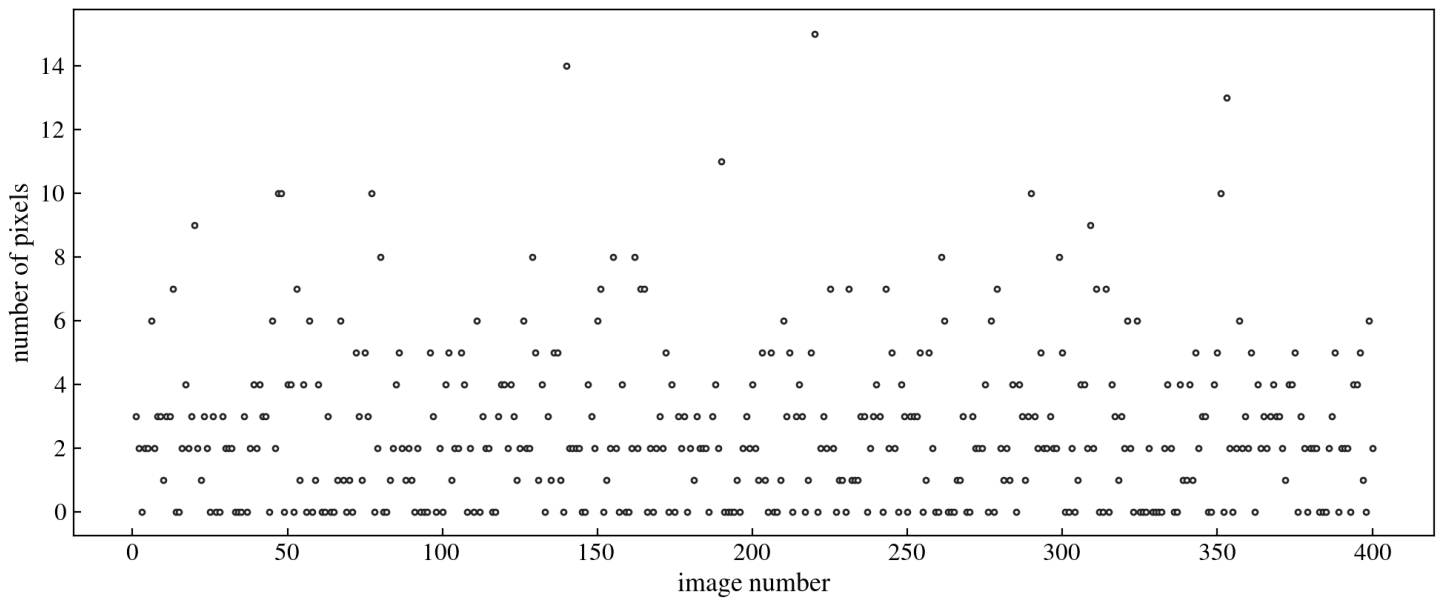


Figure 17: Number of pixels with $E > 300.0$ eV vs file

Pixel Charge Distribution

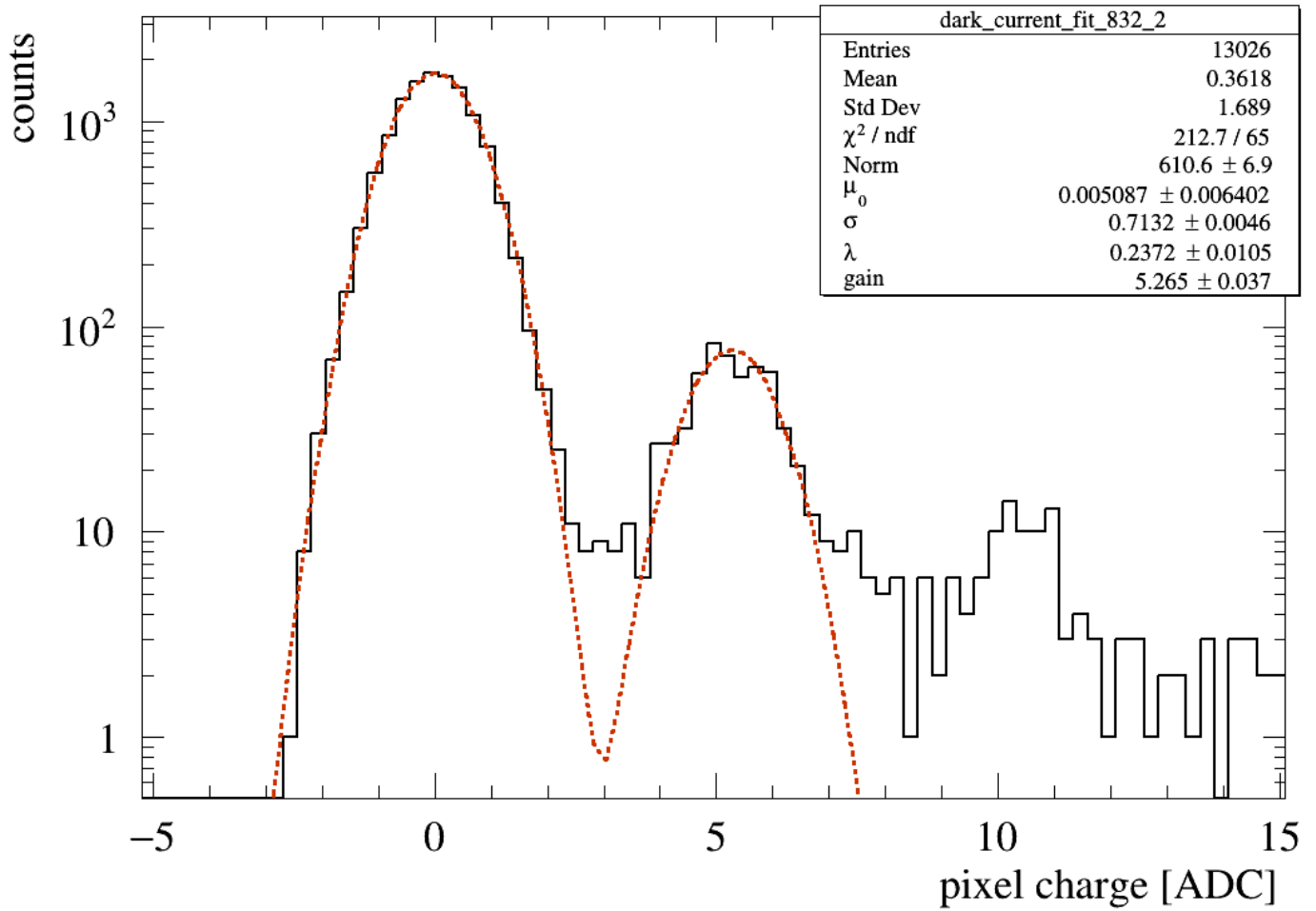


Figure 18: Pixel Charge Distribution

Image used to Fit DC (HR image)

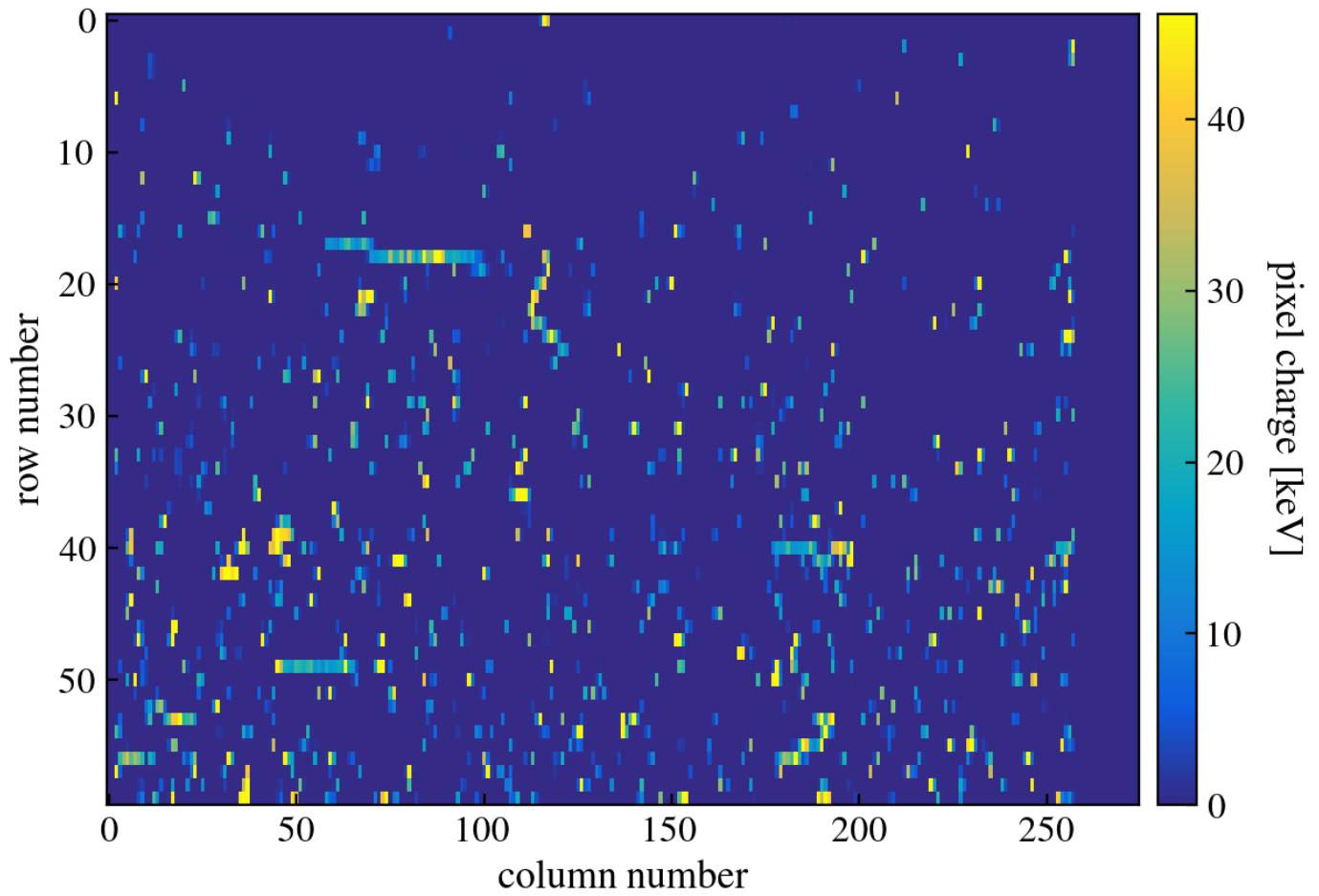


Figure 19: Pixel Charge Distribution

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

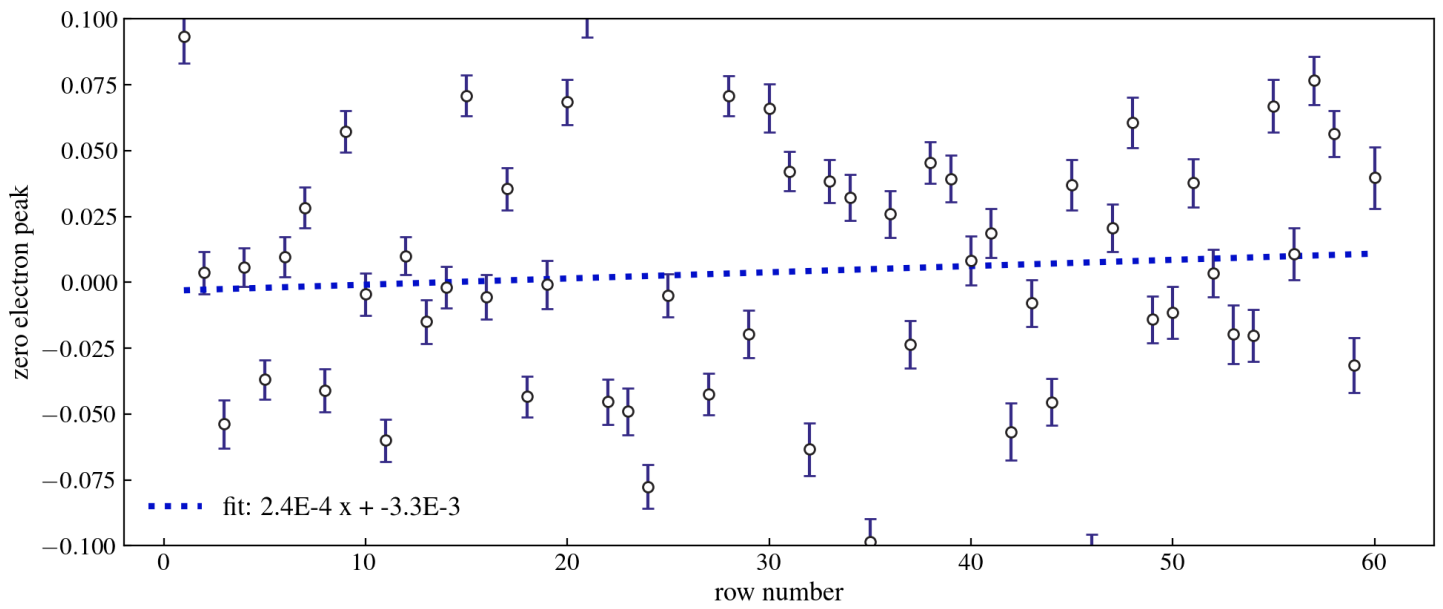


Figure 20: Zero electron peak (from MEFitDC per Row) vs row

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

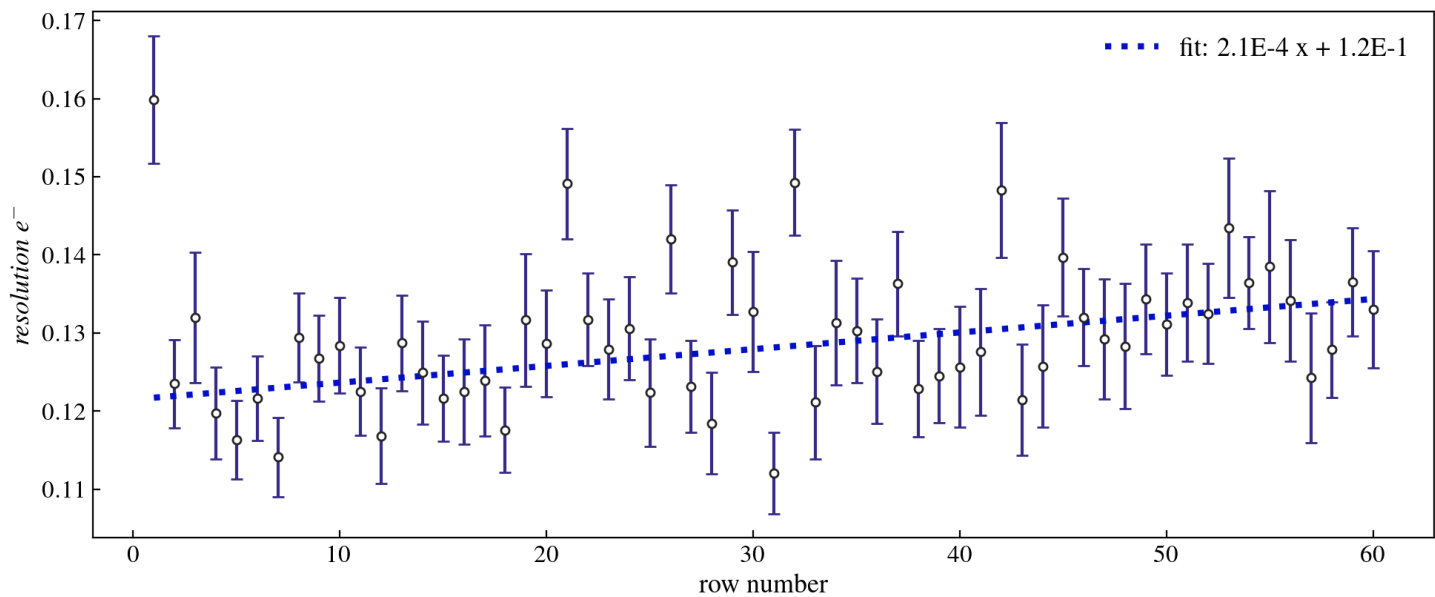


Figure 21: Electron Single Resolution (from MEFitDC per Row) vs row

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

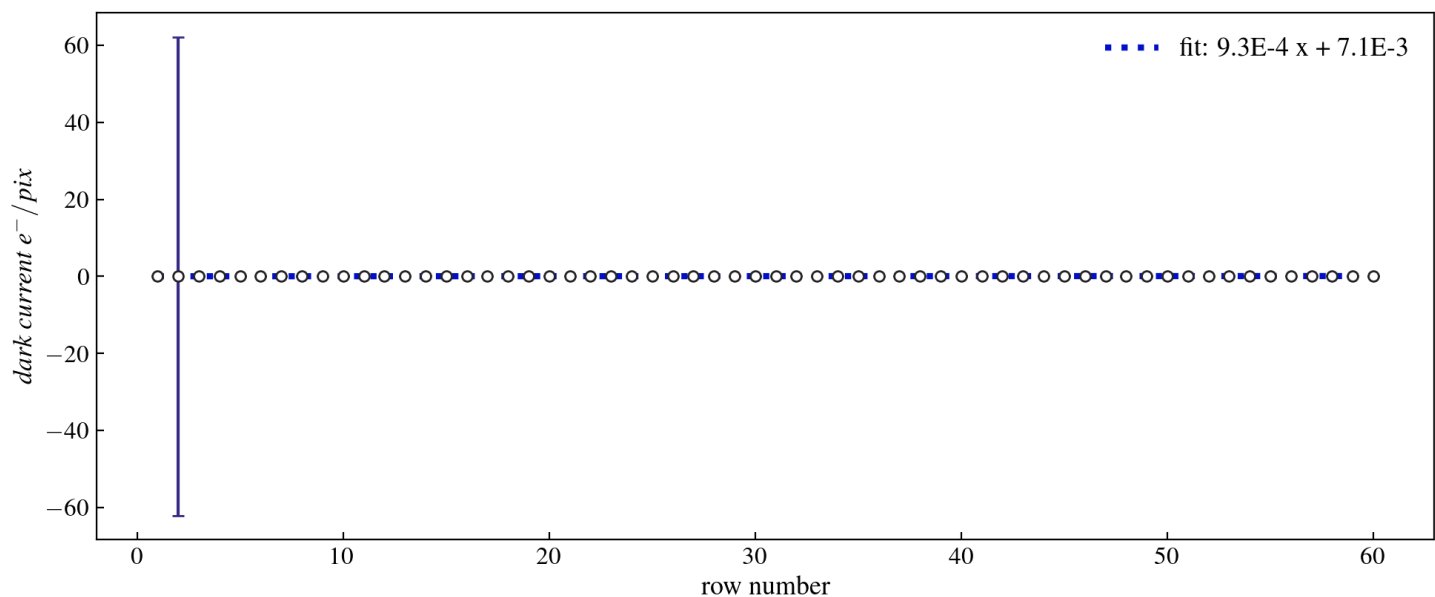


Figure 22: Dark current (from MEFitDC per Row) vs row

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

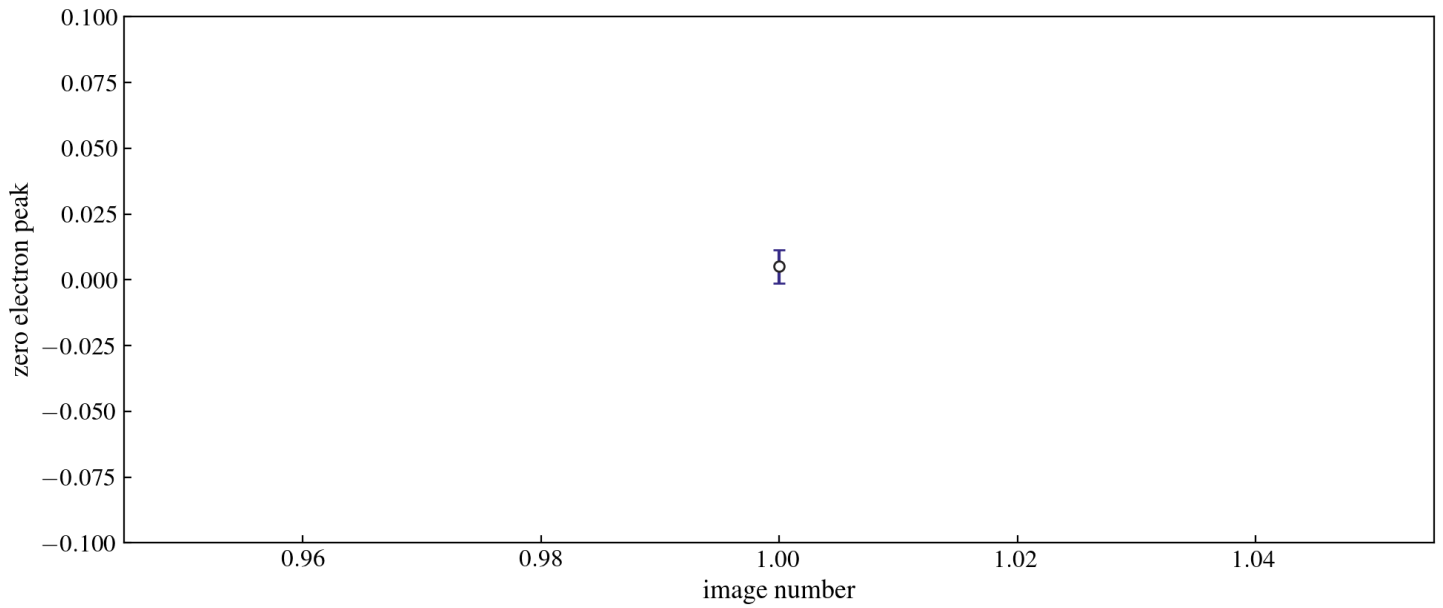


Figure 23: Zero electron peak (from MEFitDC) vs Image

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

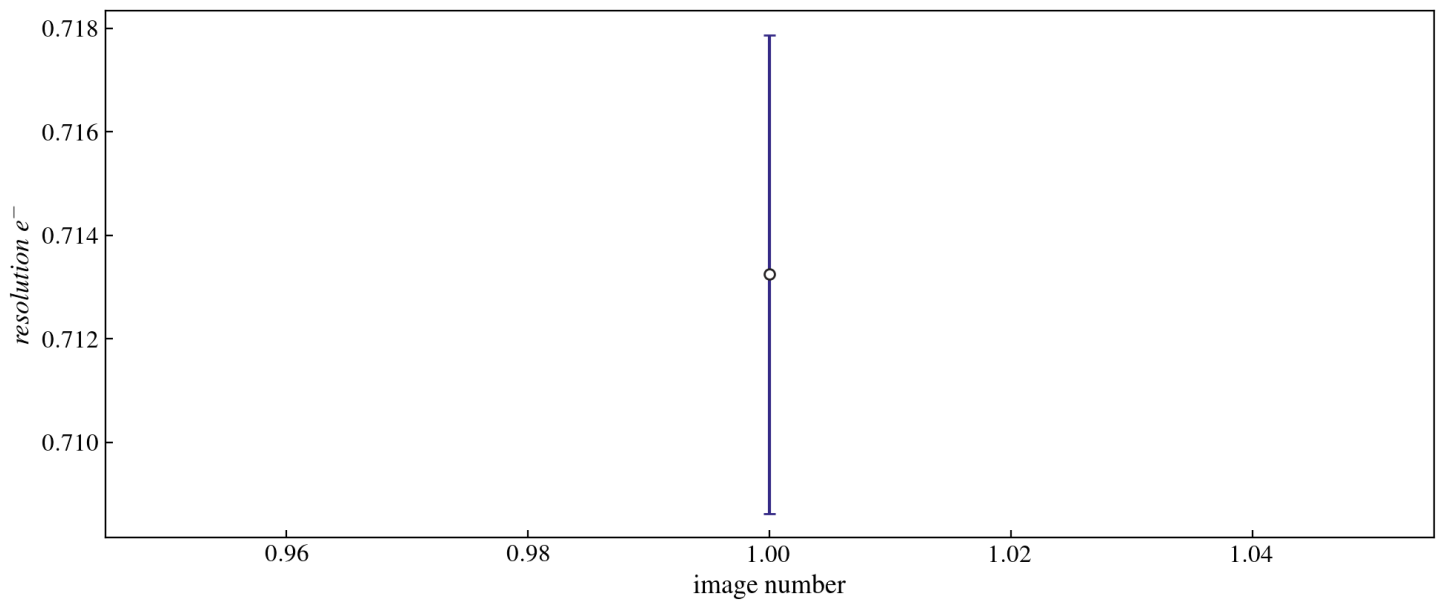


Figure 24: Electron Single Resolution (from MEFitDC) vs Image

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

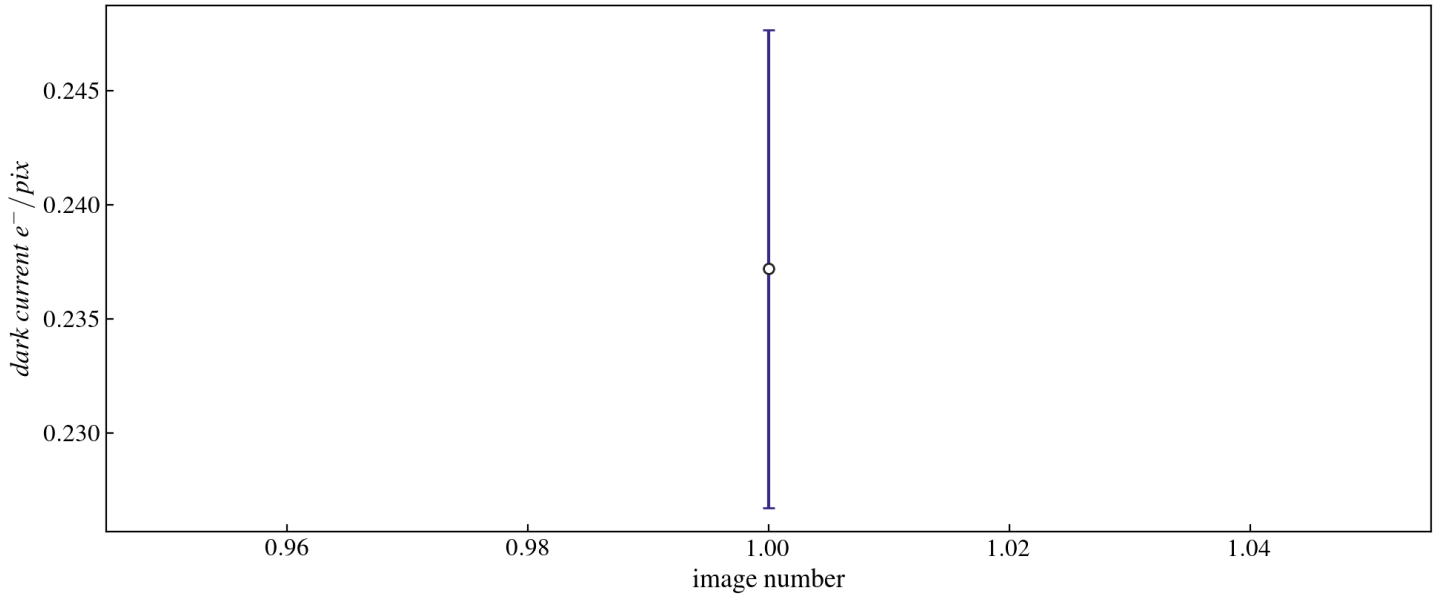


Figure 25: Dark current (from MEFitDC per Row) vs Image

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

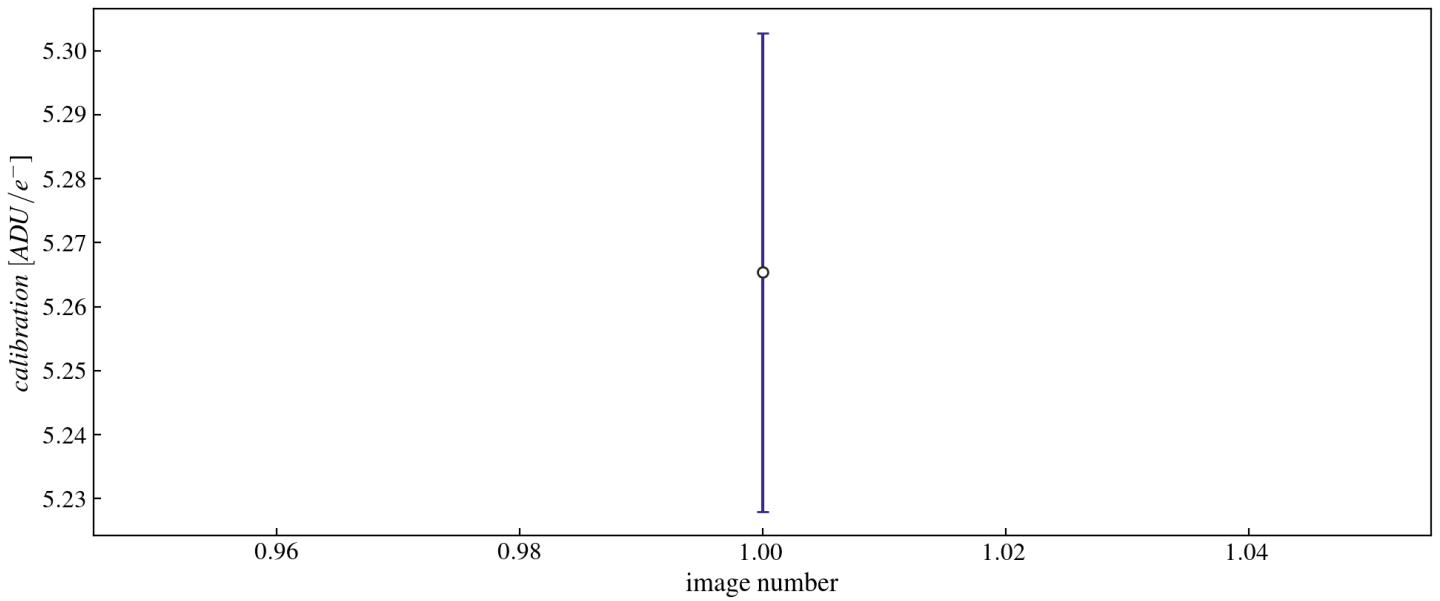


Figure 26: Calibration constant (from MEFitDC) vs Image

Overscan. PCD Gaussian fit: μ_0
[class MEOverScanPCDMu]

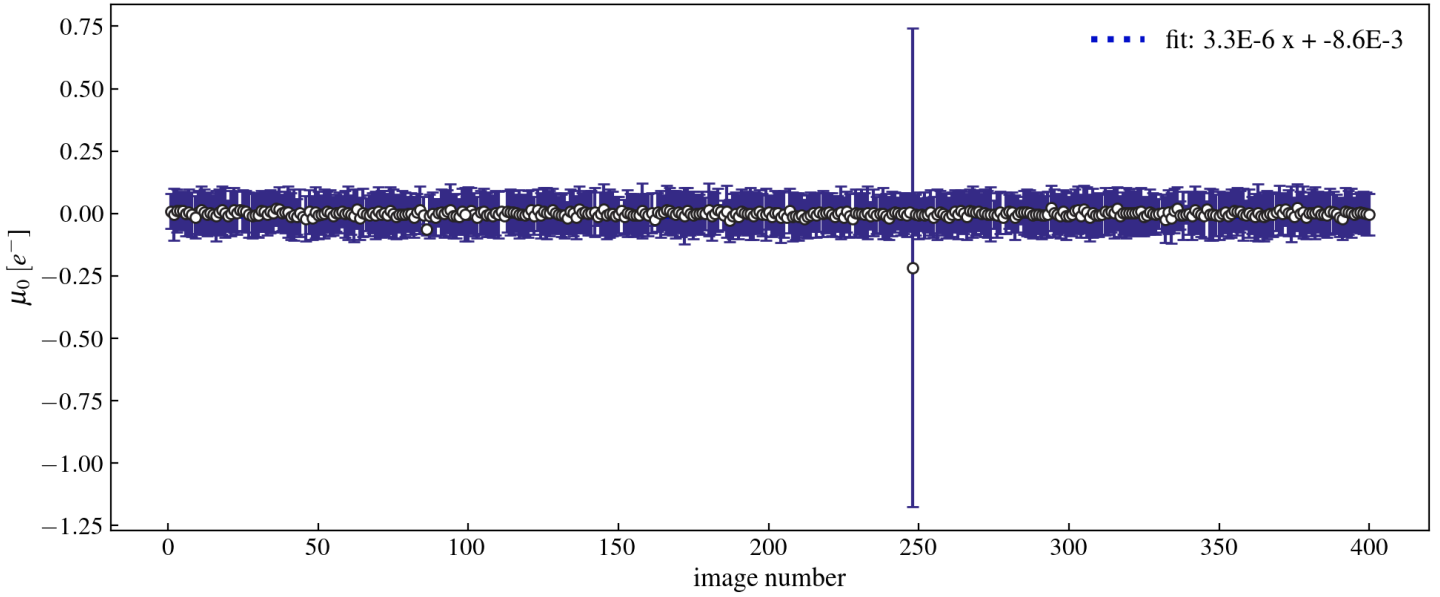


Figure 27: *Overscan. PCD Gaussian fit: μ_0*

Overscan. PCD Gaussian fit: σ_0
[class MEOverScanPCDSigma]

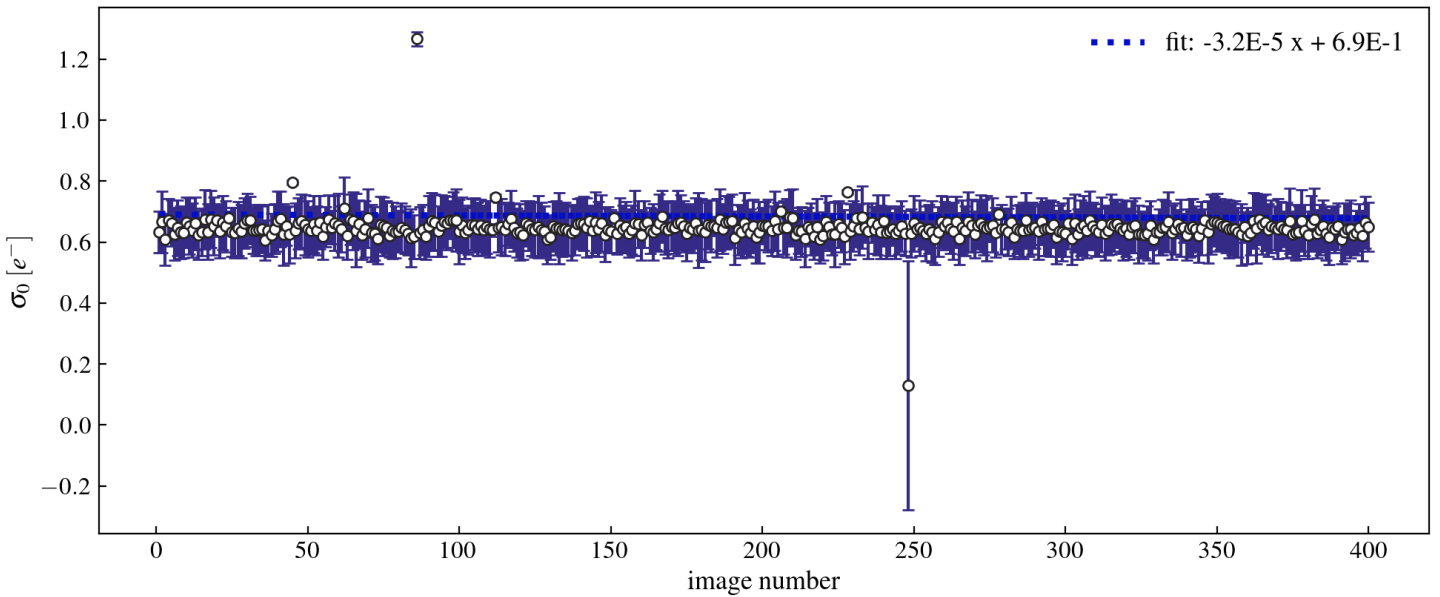


Figure 28: *Overscan. PCD Gaussian fit: σ_0*

Electronic column transient showing an exponential behaviour
[class MEColTransient]

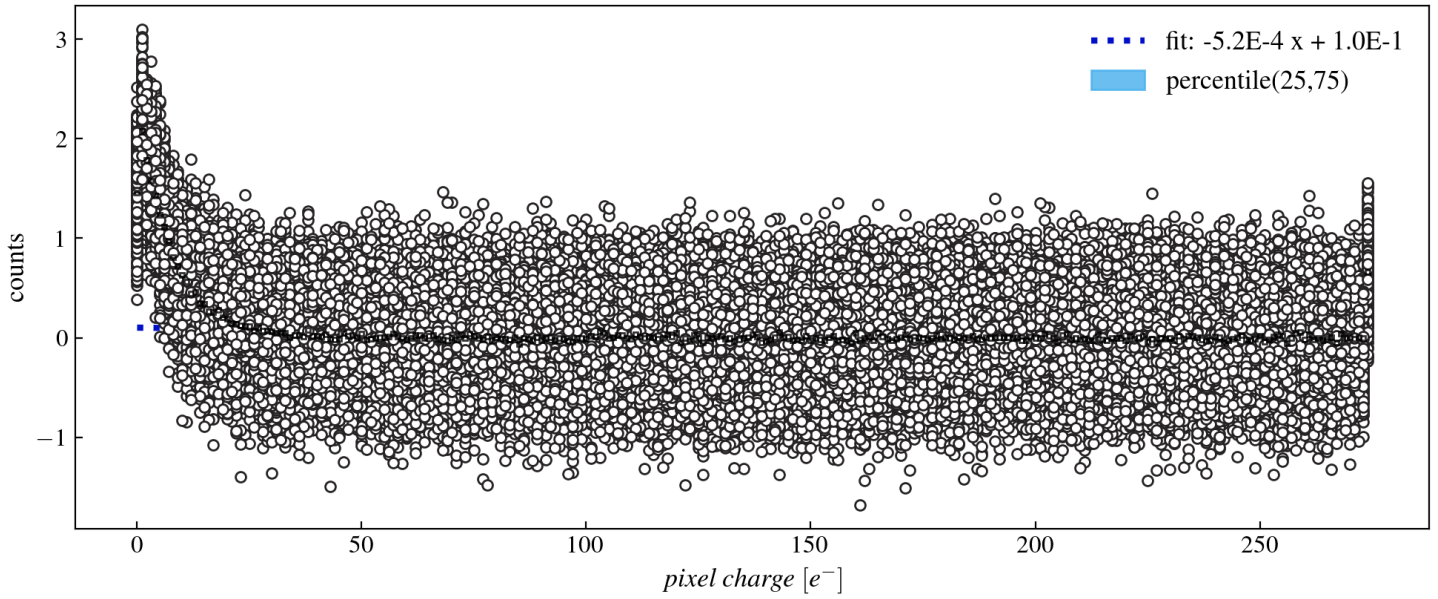


Figure 29: Electronic column transient showing an exponential behaviour

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

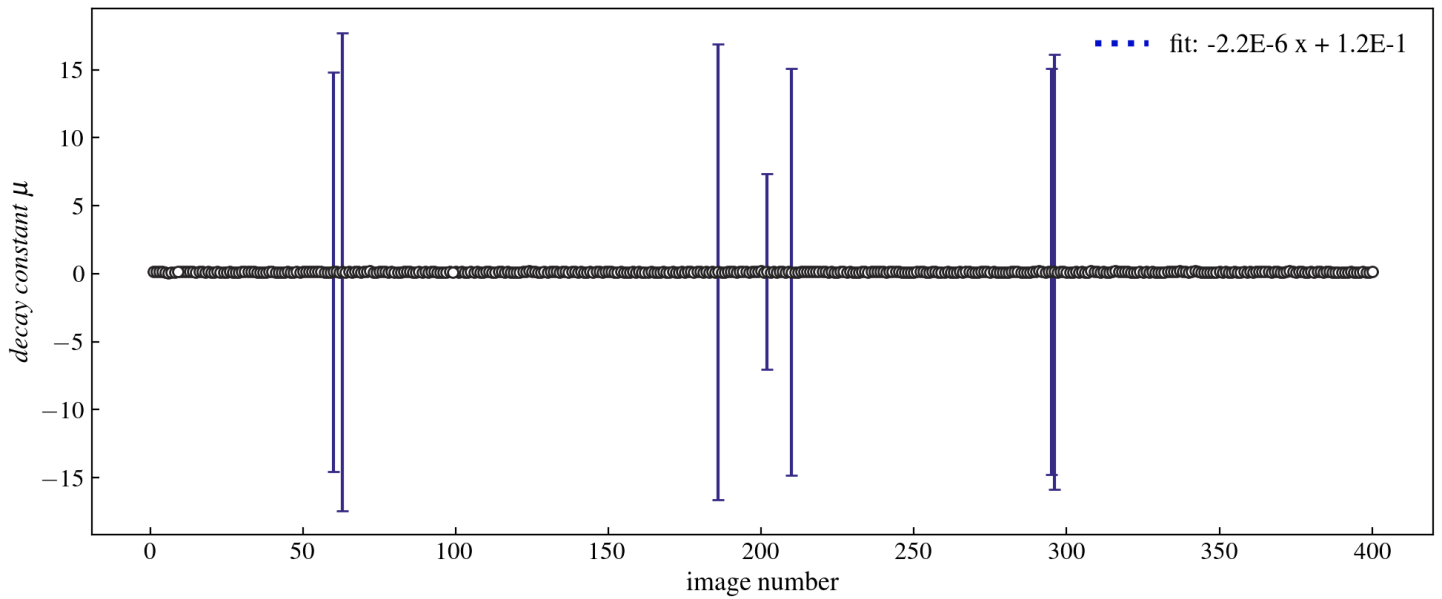


Figure 30: Column transient decay constant (from MEColTransient) vs Image

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

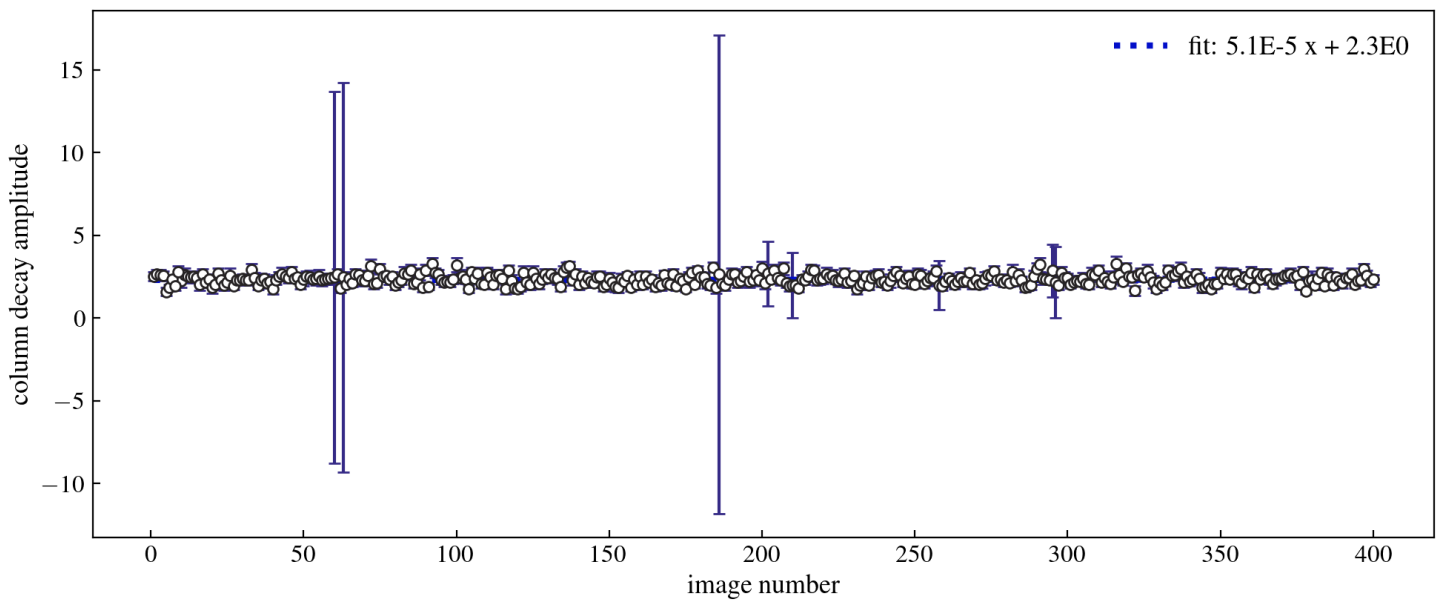


Figure 31: Column transient amplitude (from MEColTransient) vs Image

CCD Image: run 490, image 1
[class MECCDImage]

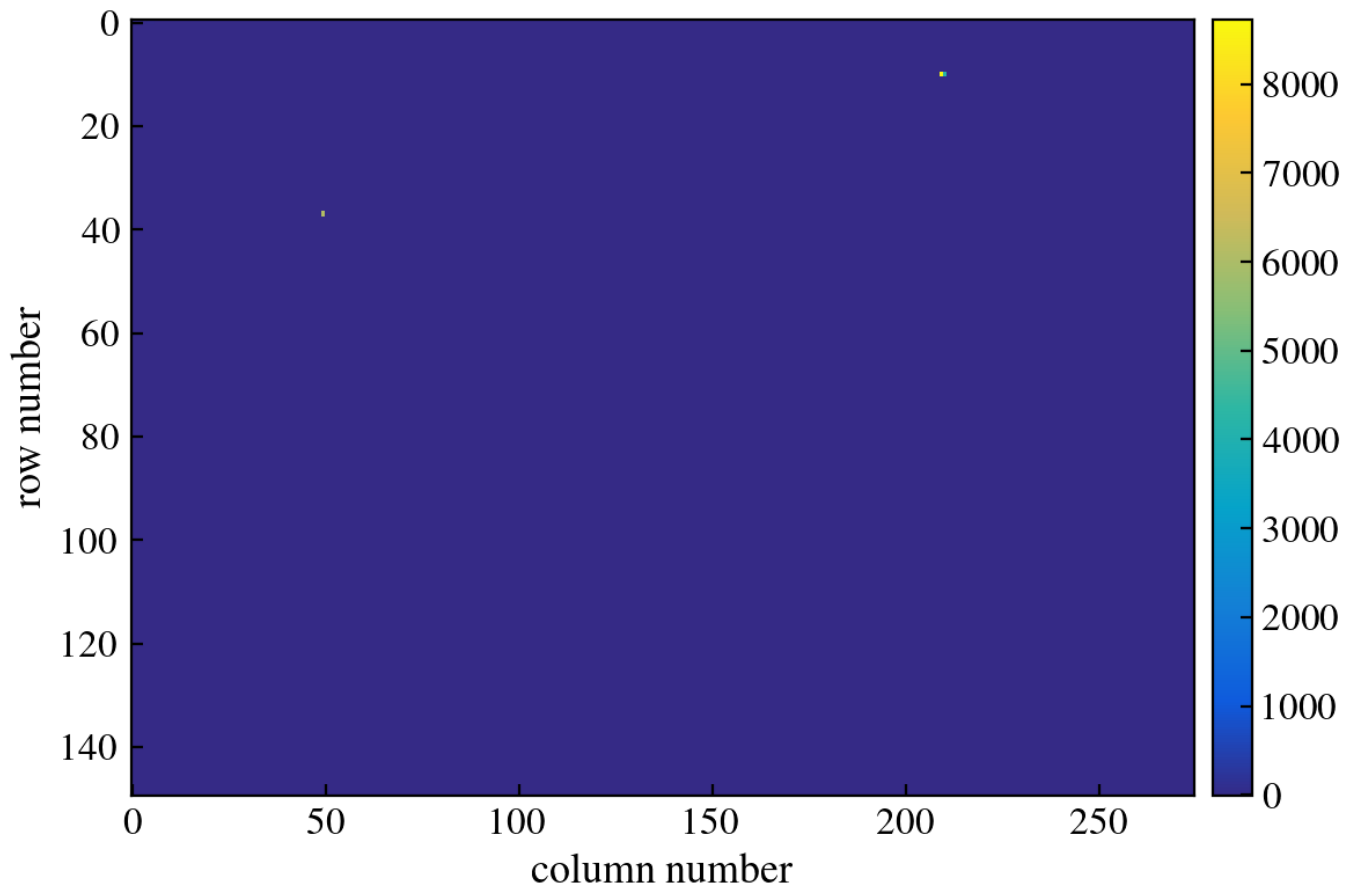


Figure 32: CCD Image

CCD Image: run 490, image 1
[class MECCDImage]

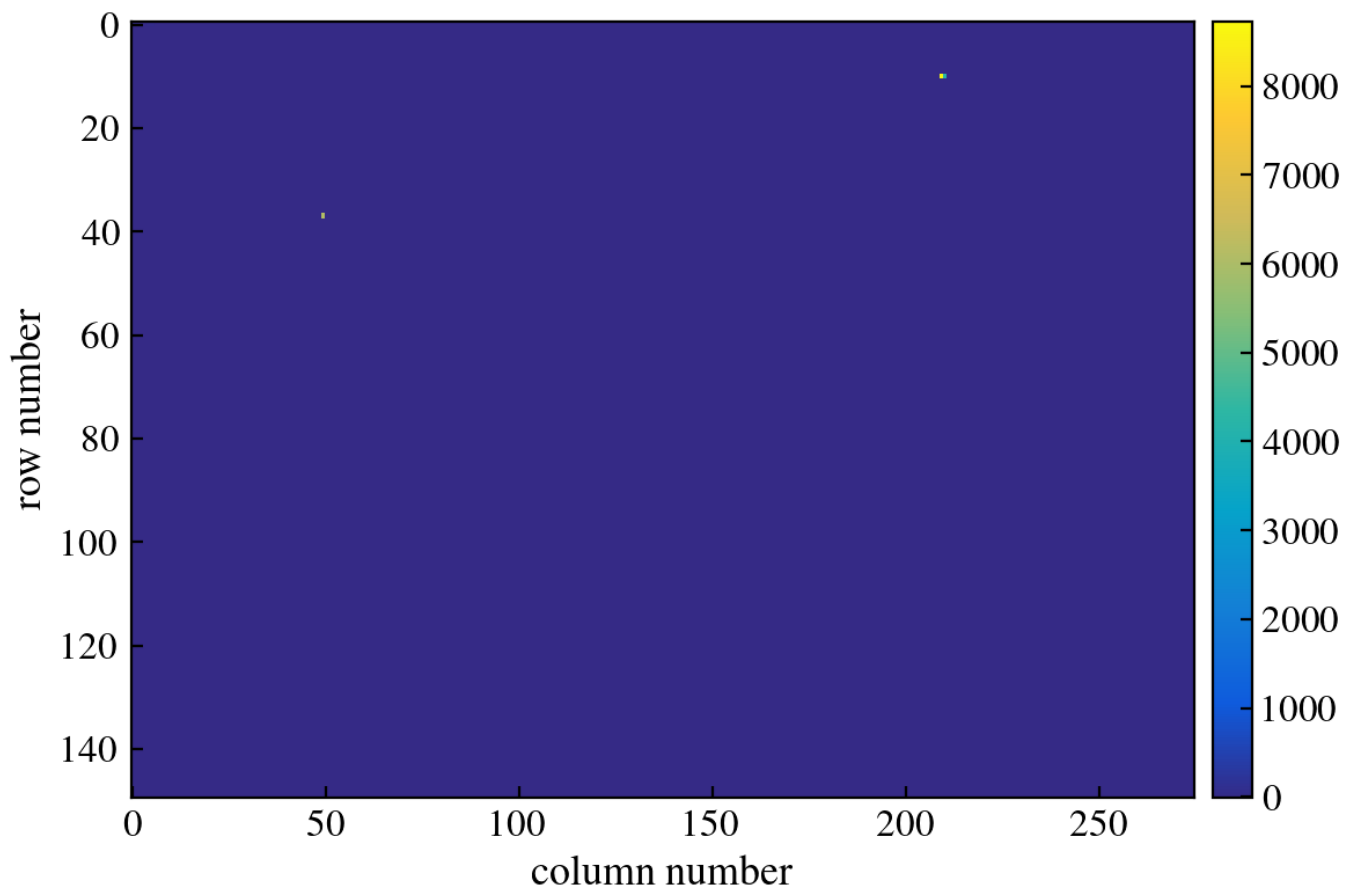


Figure 33: CCD Image

CCD Image: run 490, image 10
[class MECCDImage]

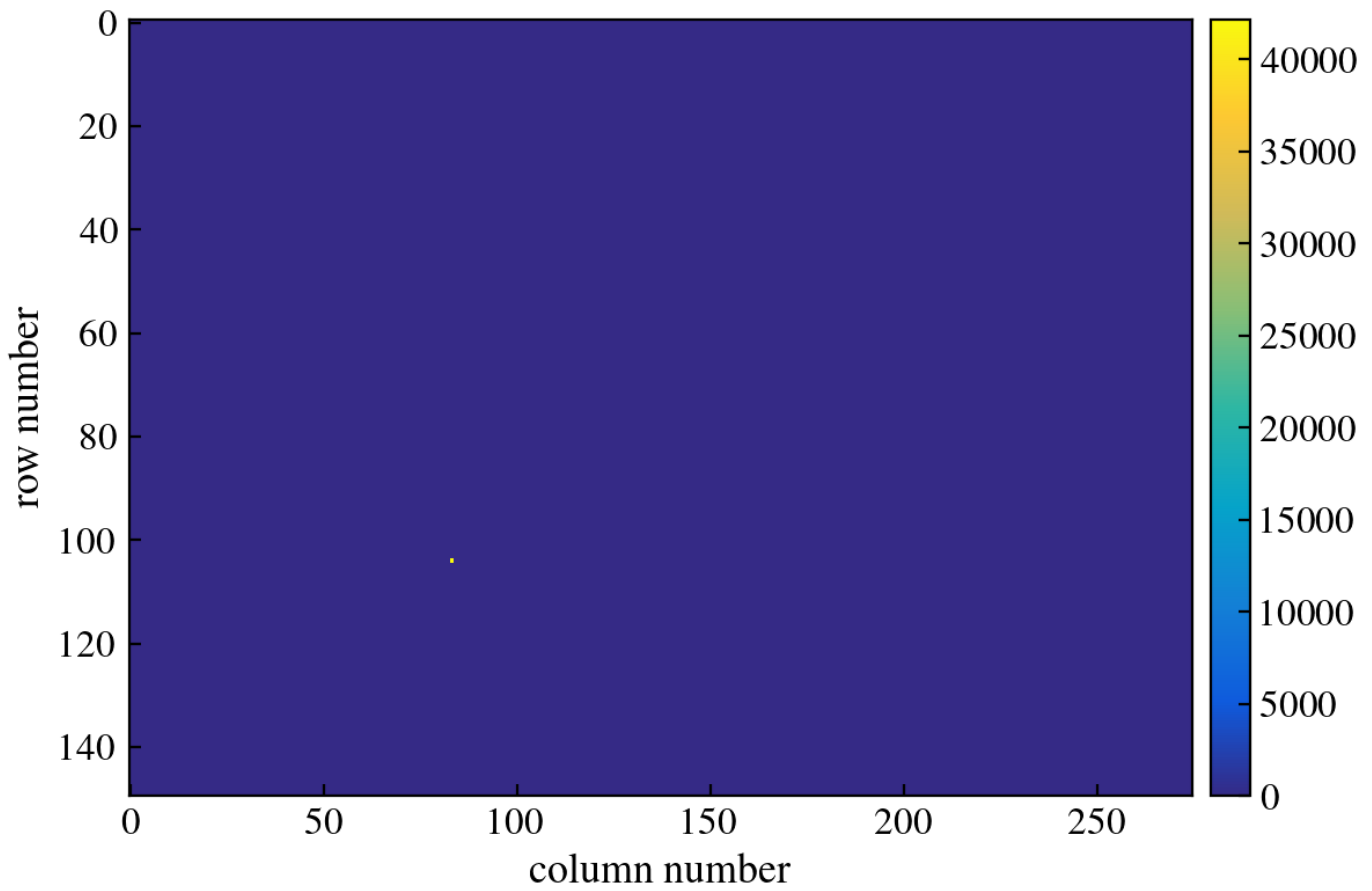


Figure 34: CCD Image

CCD Image: run 490, image 100
[class MECCDImage]

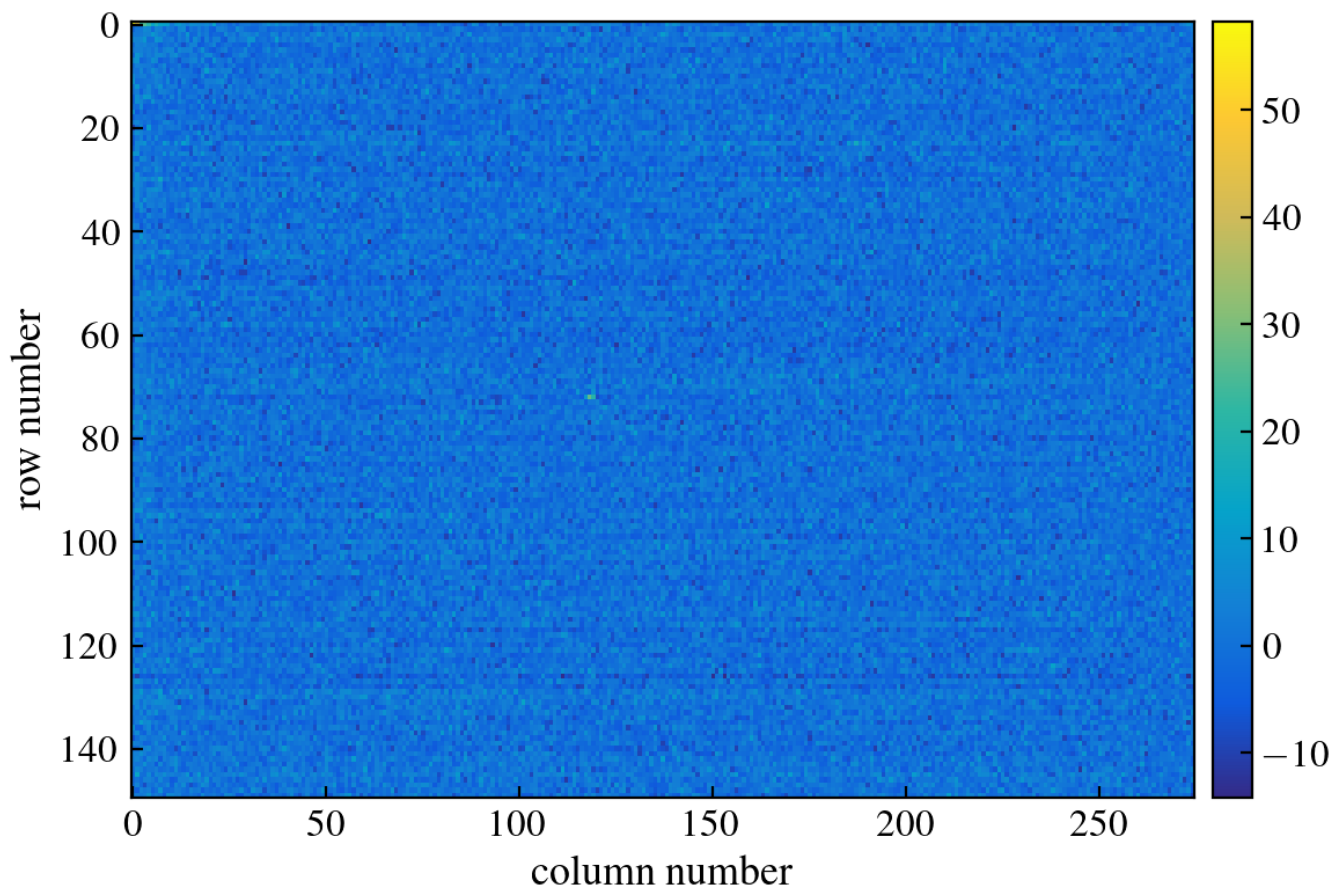


Figure 35: CCD Image

CCD Image: run 490, image 101
[class MECCDImage]

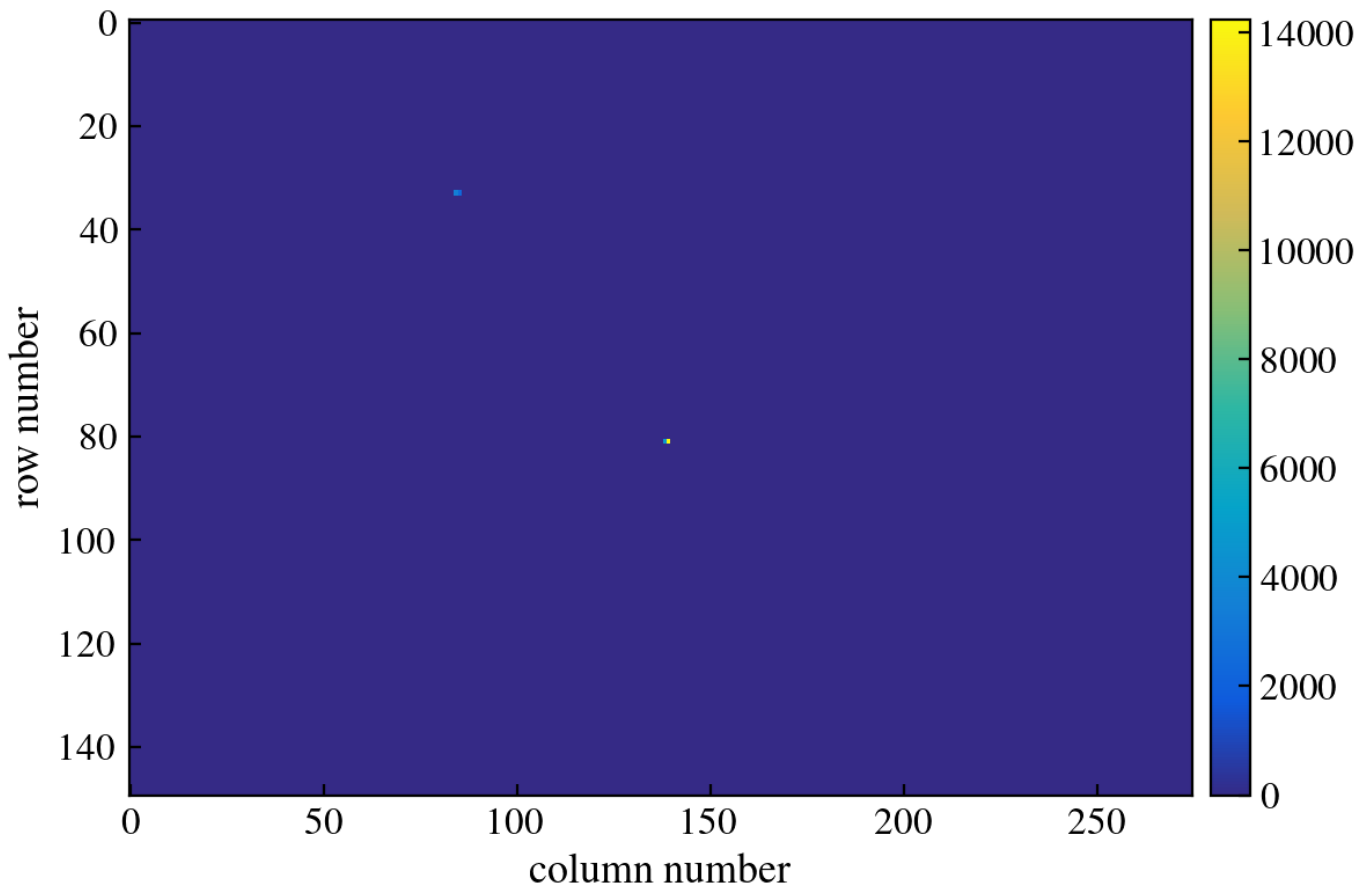


Figure 36: CCD Image

CCD Image: run 490, image 102
[class MECCDImage]

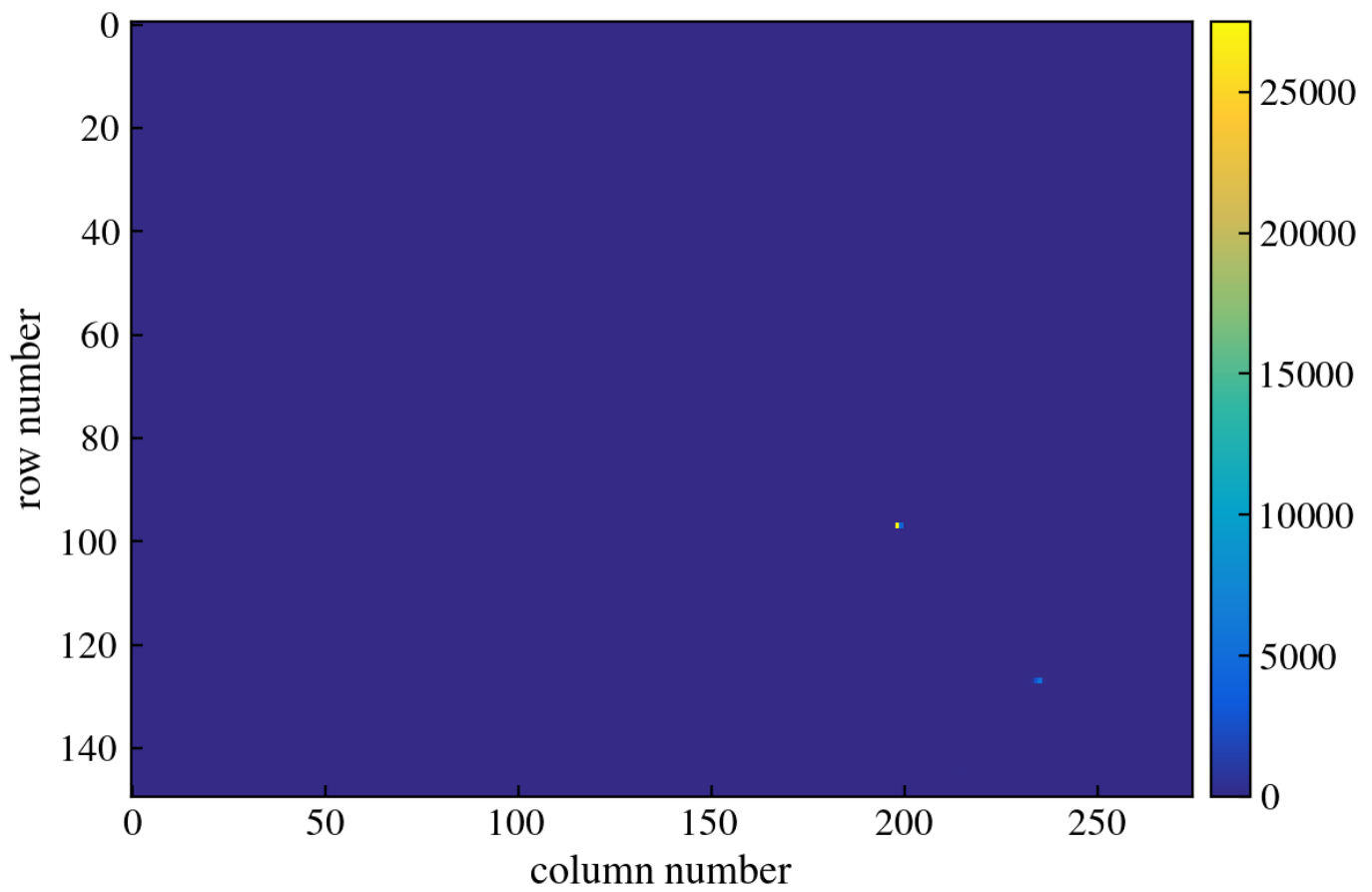


Figure 37: CCD Image

CCD Image: run 490, image 103
[class MECCDImage]

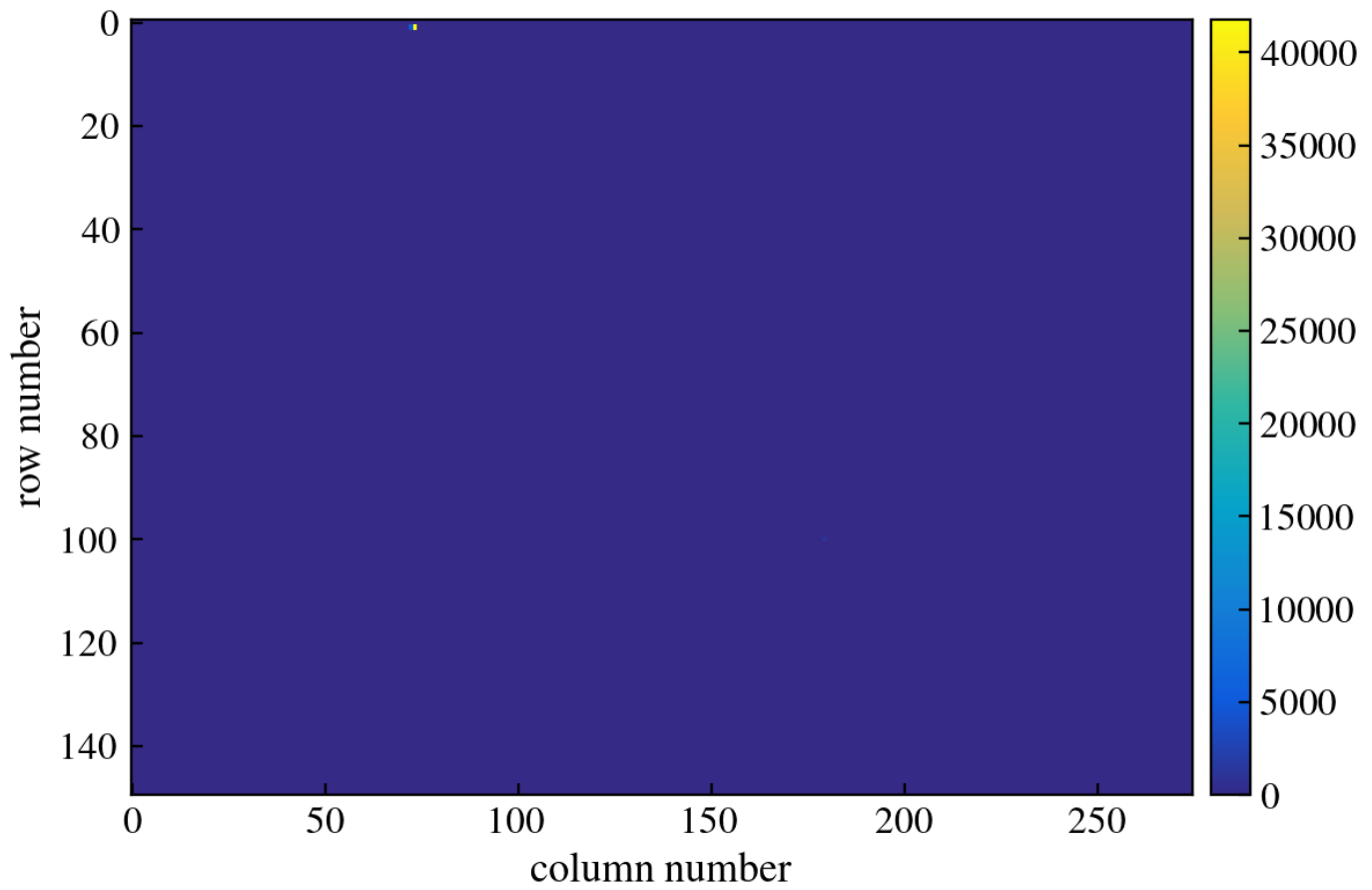


Figure 38: CCD Image

CCD Image: run 490, image 104
[class MECCDImage]

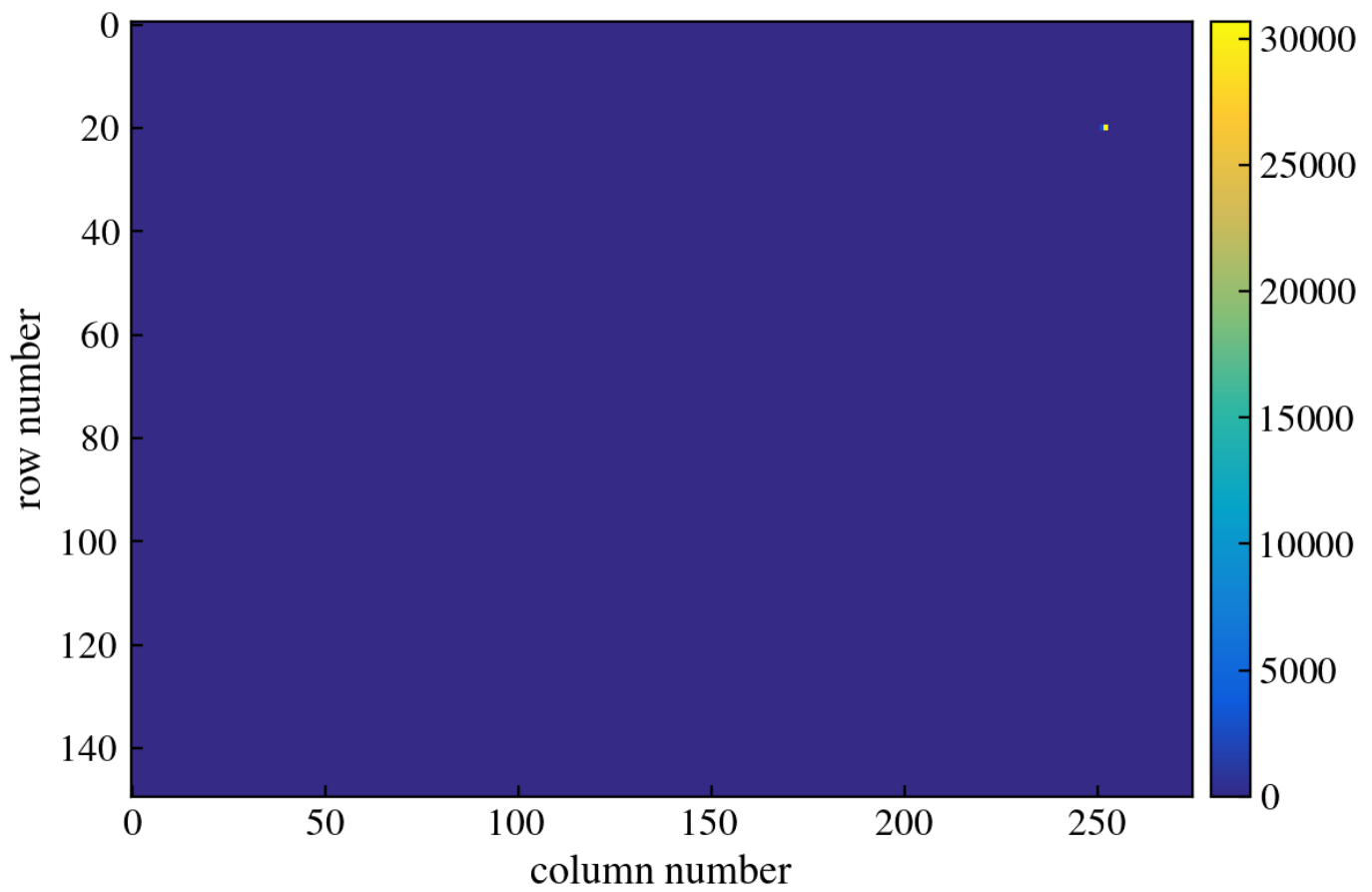


Figure 39: CCD Image

CCD Image: run 490, image 105
[class MECCDImage]

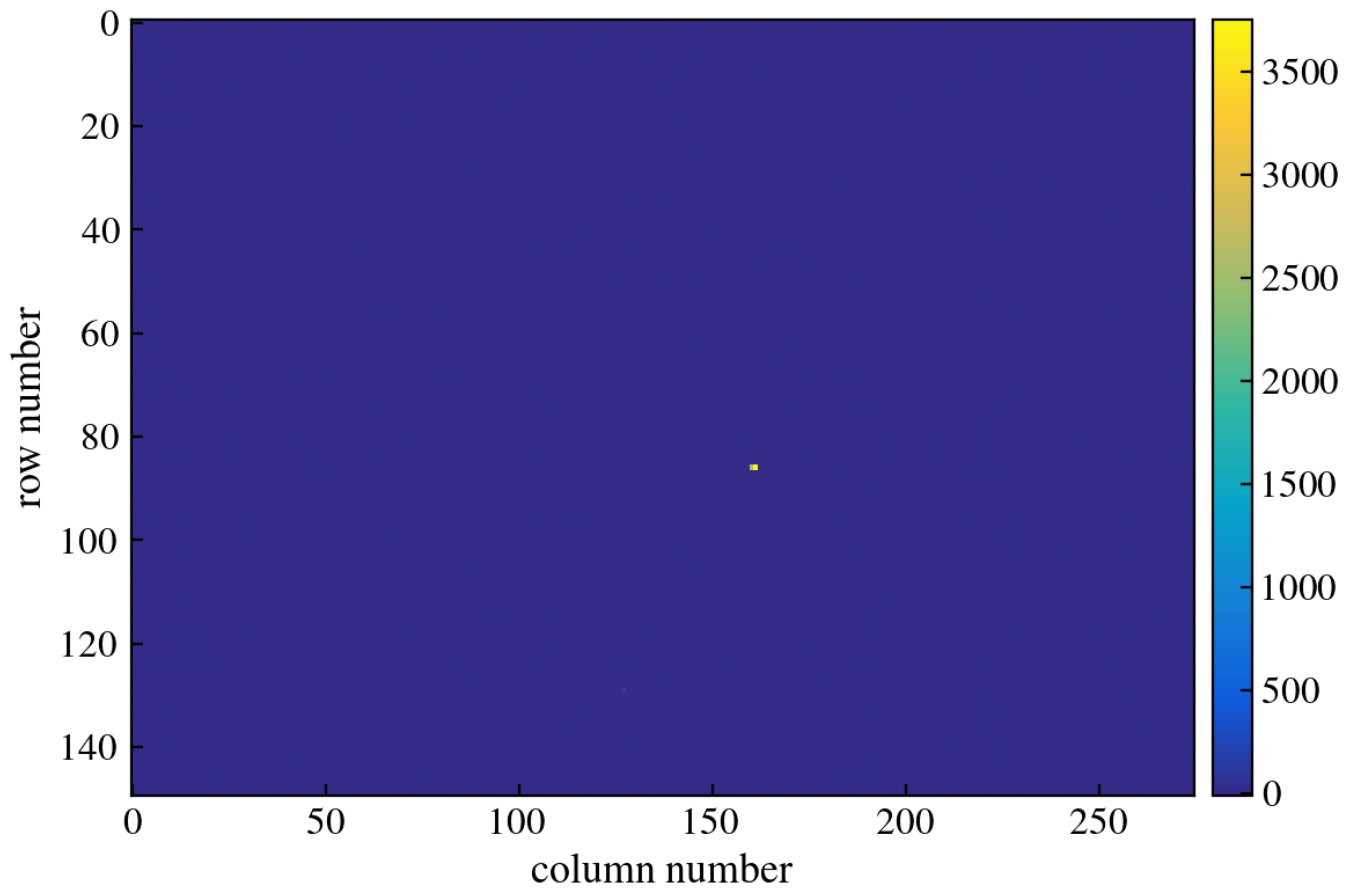


Figure 40: CCD Image

CCD Image: run 490, image 106
[class MECCDImage]

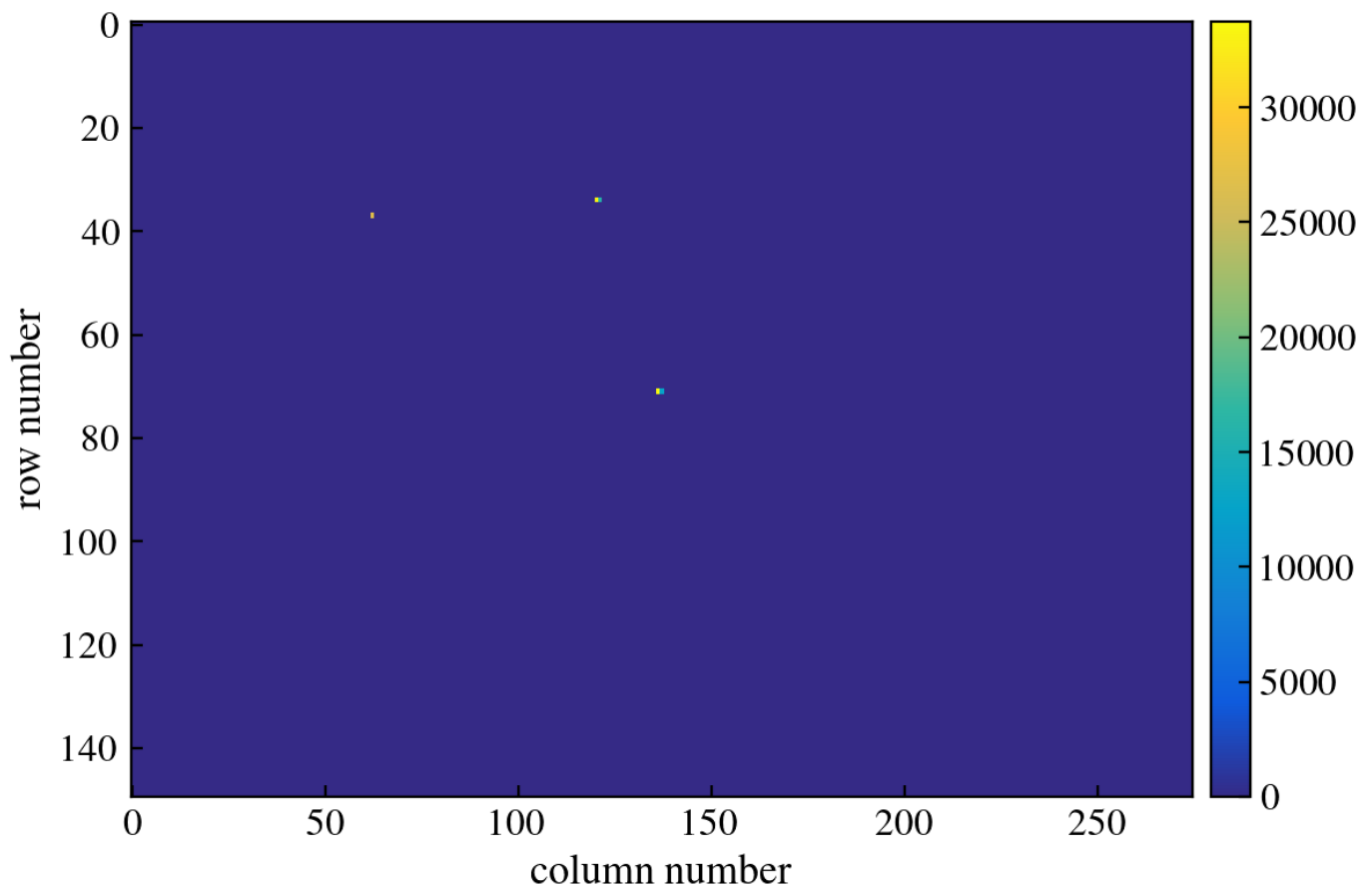


Figure 41: CCD Image

CCD Image: run 490, image 107
[class MECCDImage]

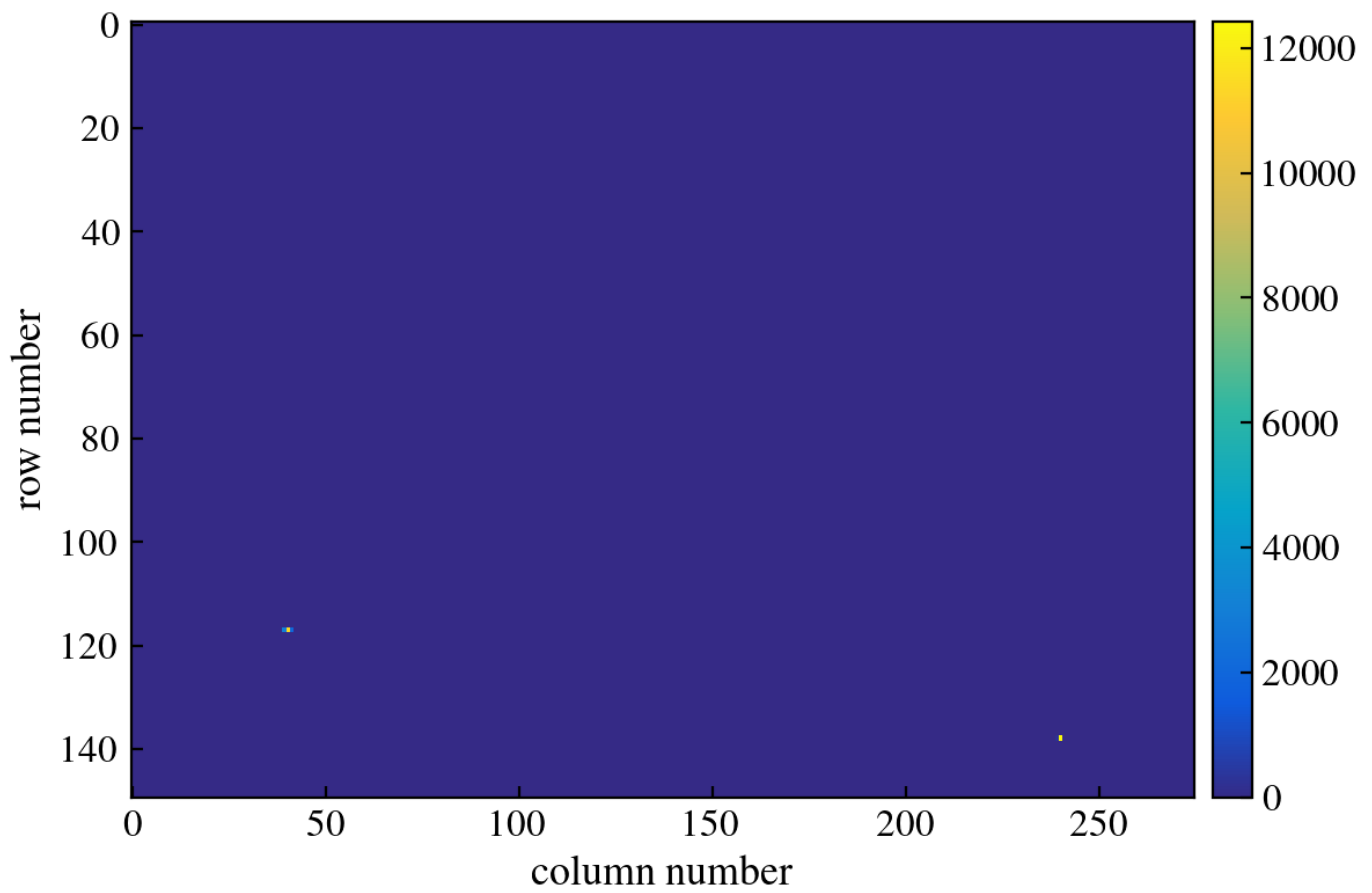


Figure 42: CCD Image

CCD Image: run 490, image 108
[class MECCDImage]

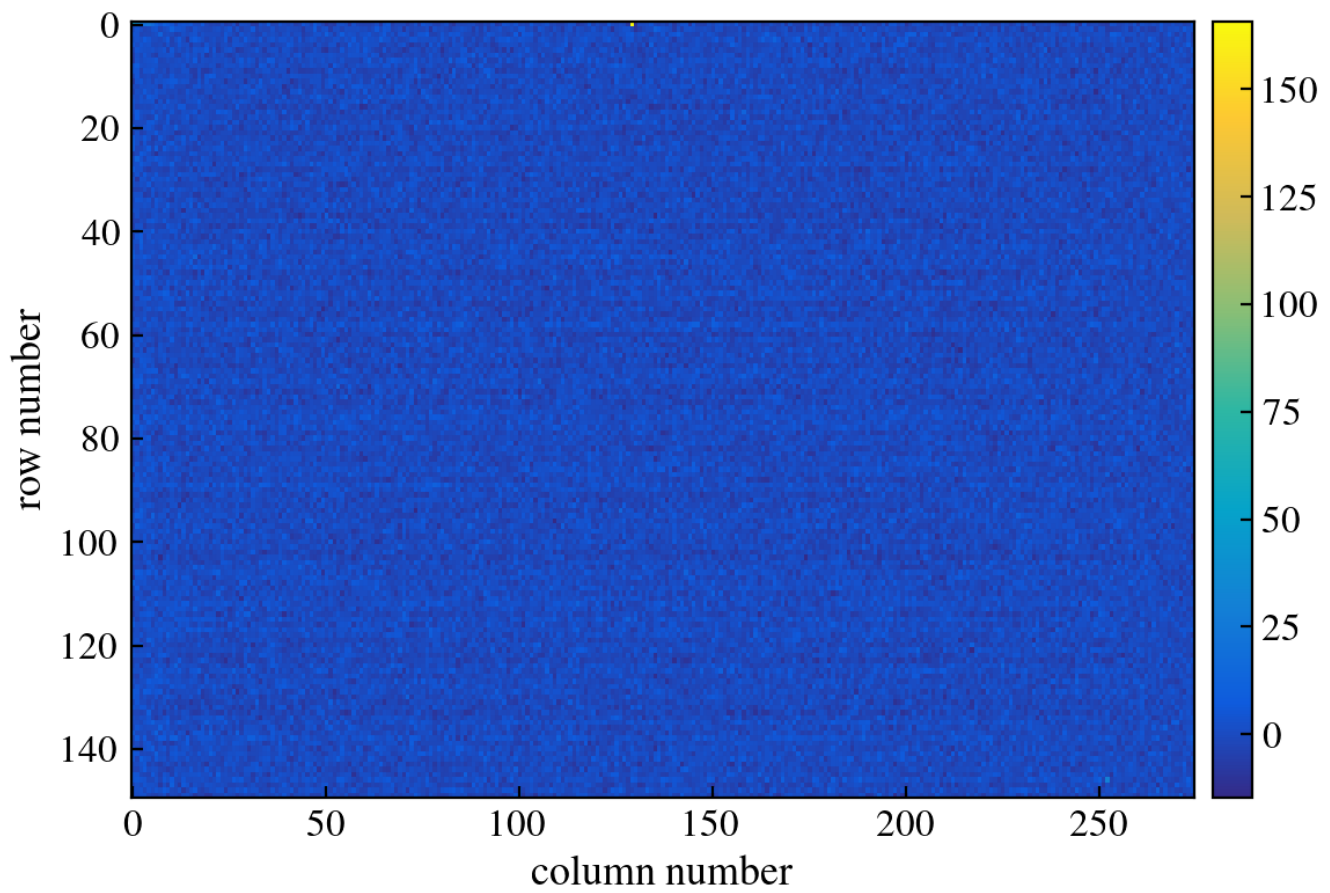


Figure 43: CCD Image

CCD Image: run 490, image 109
[class MECCDImage]

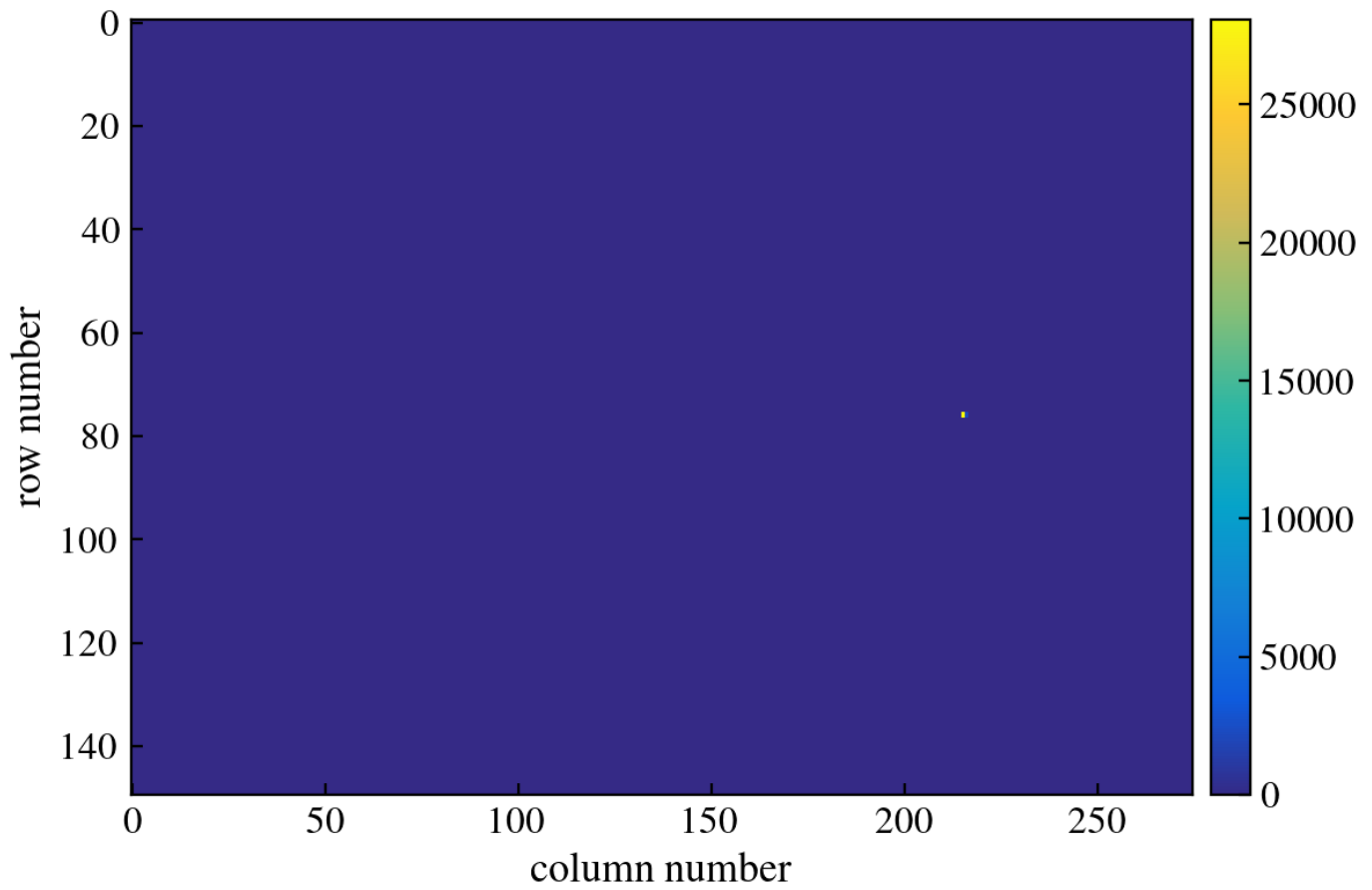


Figure 44: CCD Image

CCD Image: run 490, image 11
[class MECCDImage]

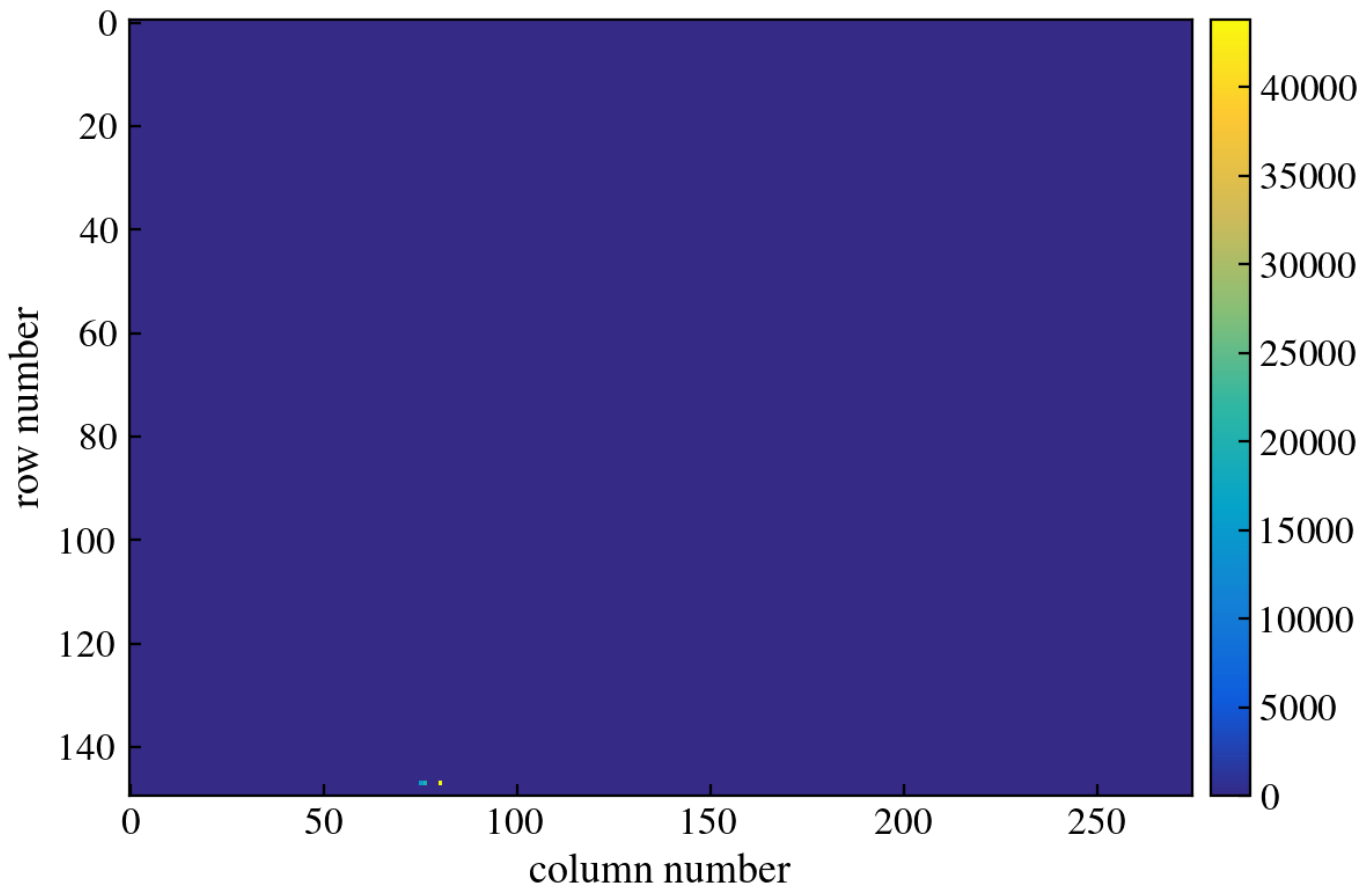


Figure 45: CCD Image

CCD Image: run 490, image 110
[class MECCDImage]

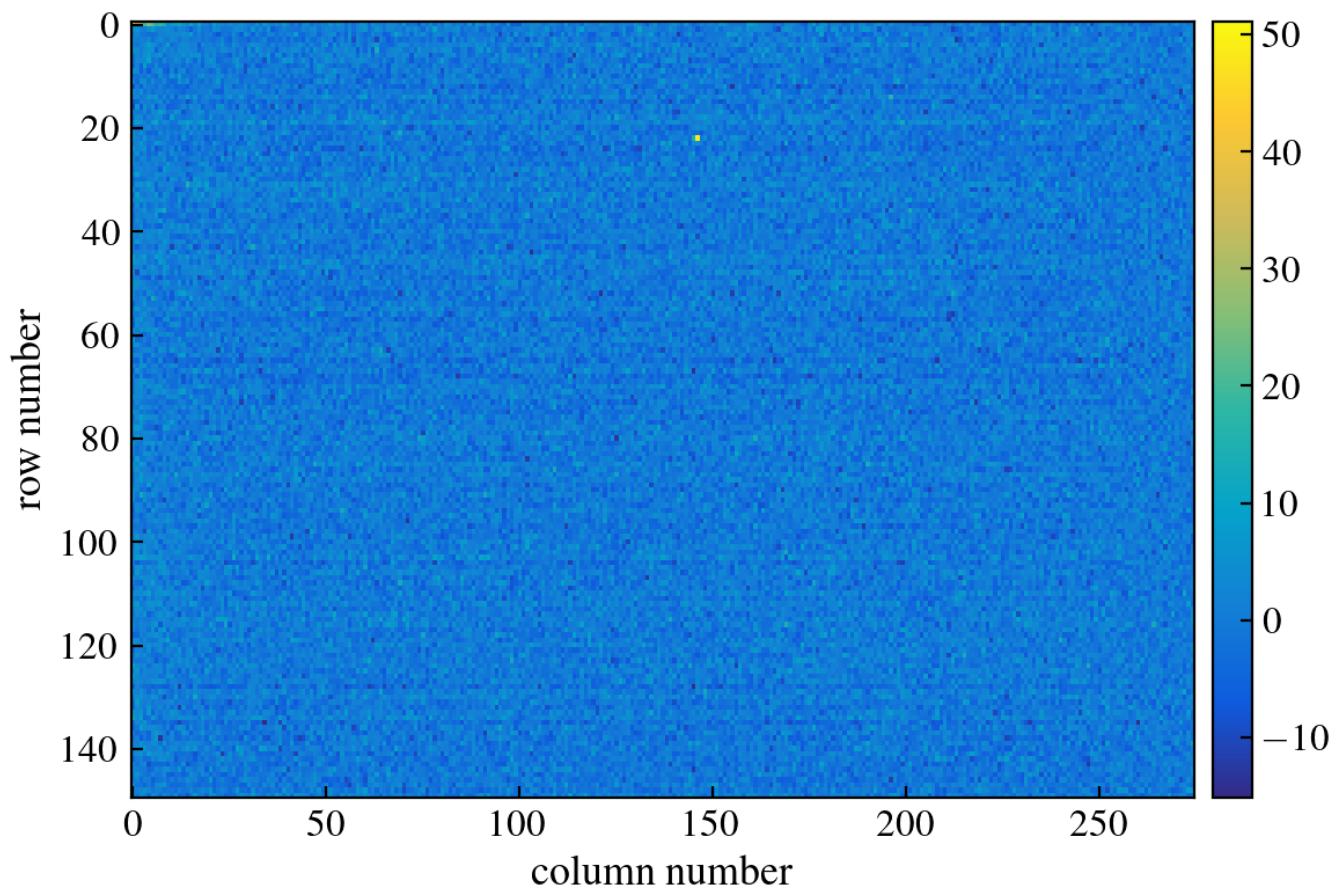


Figure 46: CCD Image

CCD Image: run 490, image 111
[class MECCDImage]

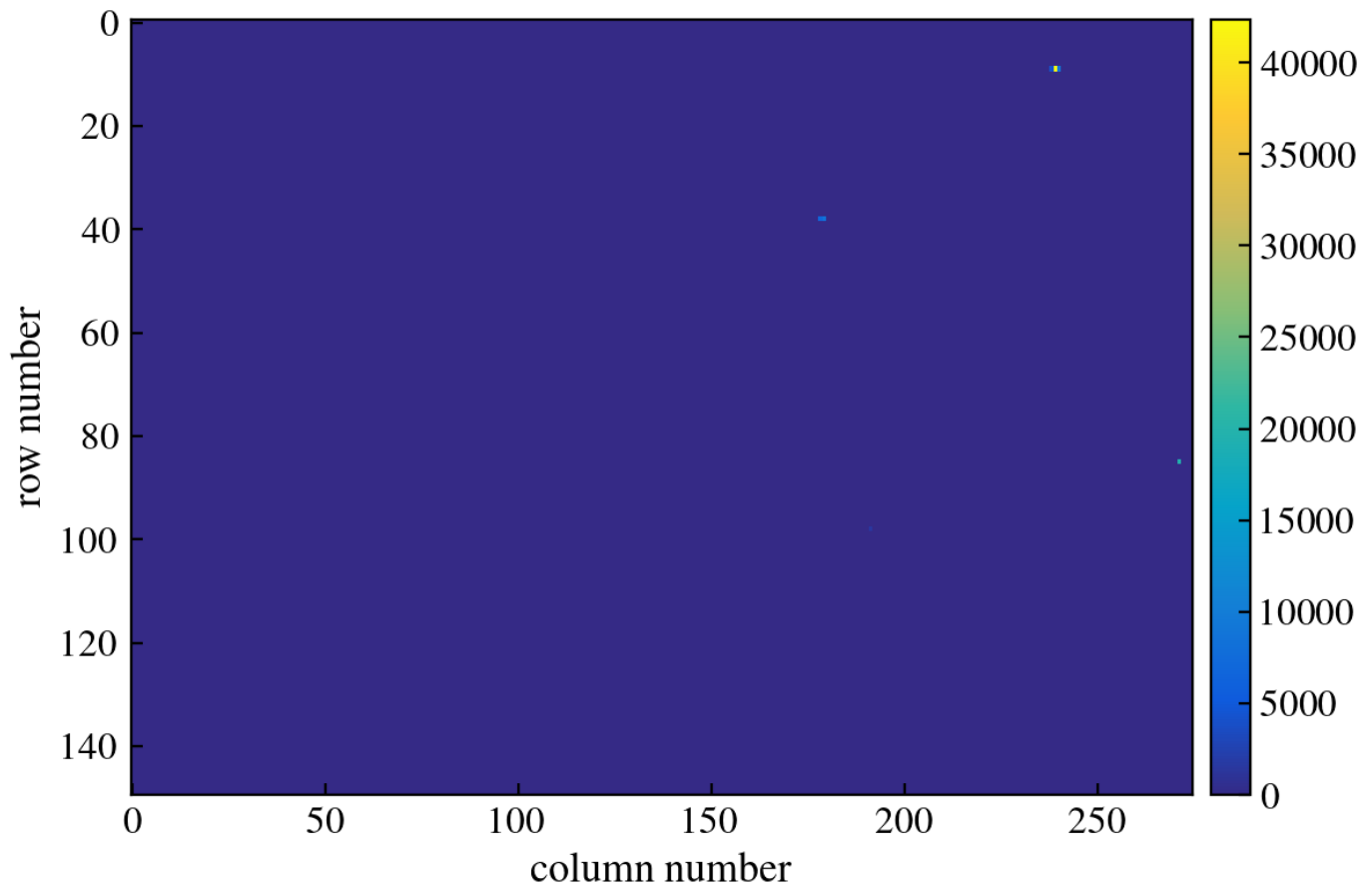


Figure 47: CCD Image

CCD Image: run 490, image 112
[class MECCDImage]

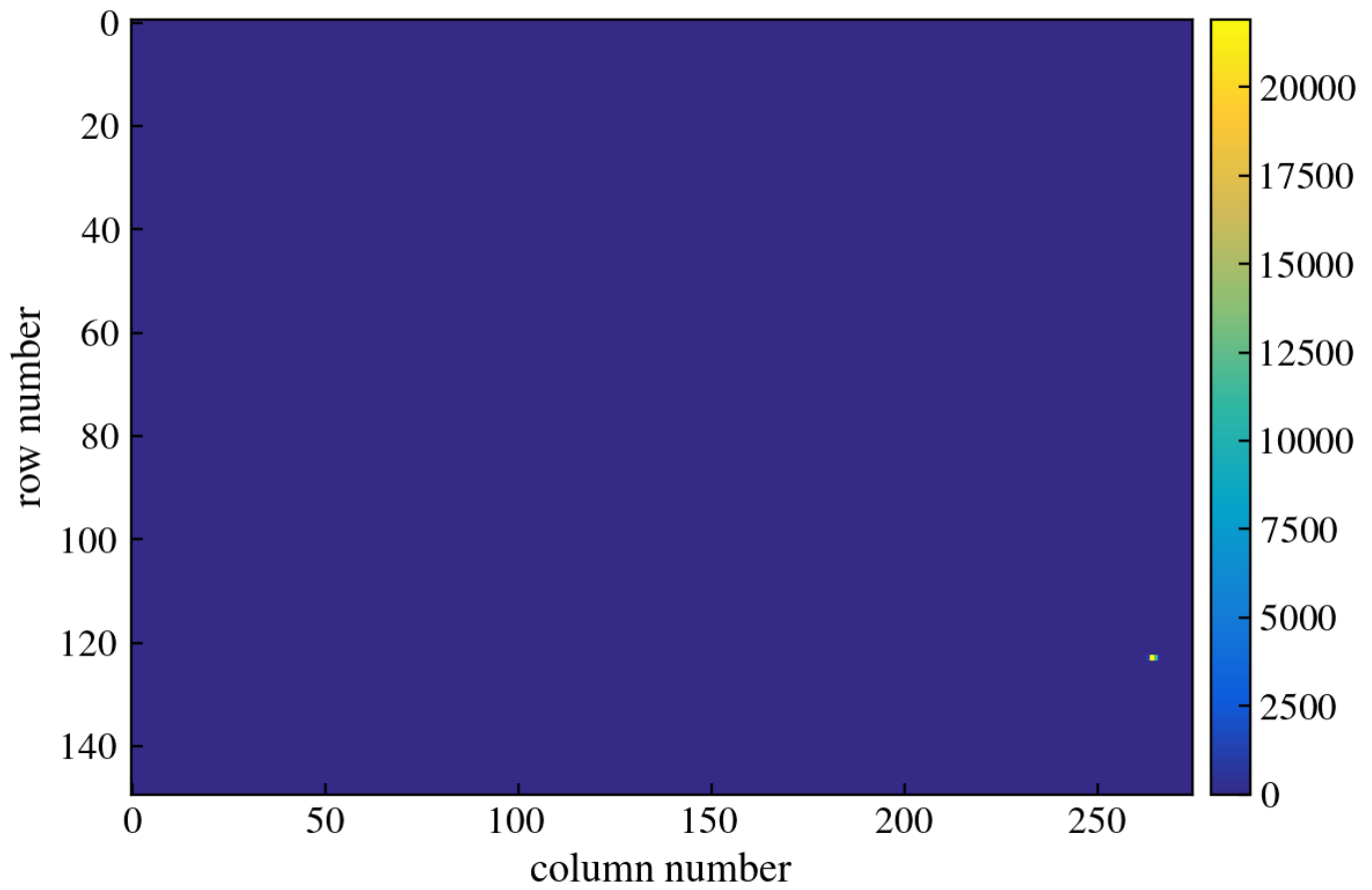


Figure 48: CCD Image

CCD Image: run 490, image 113
[class MECCDImage]

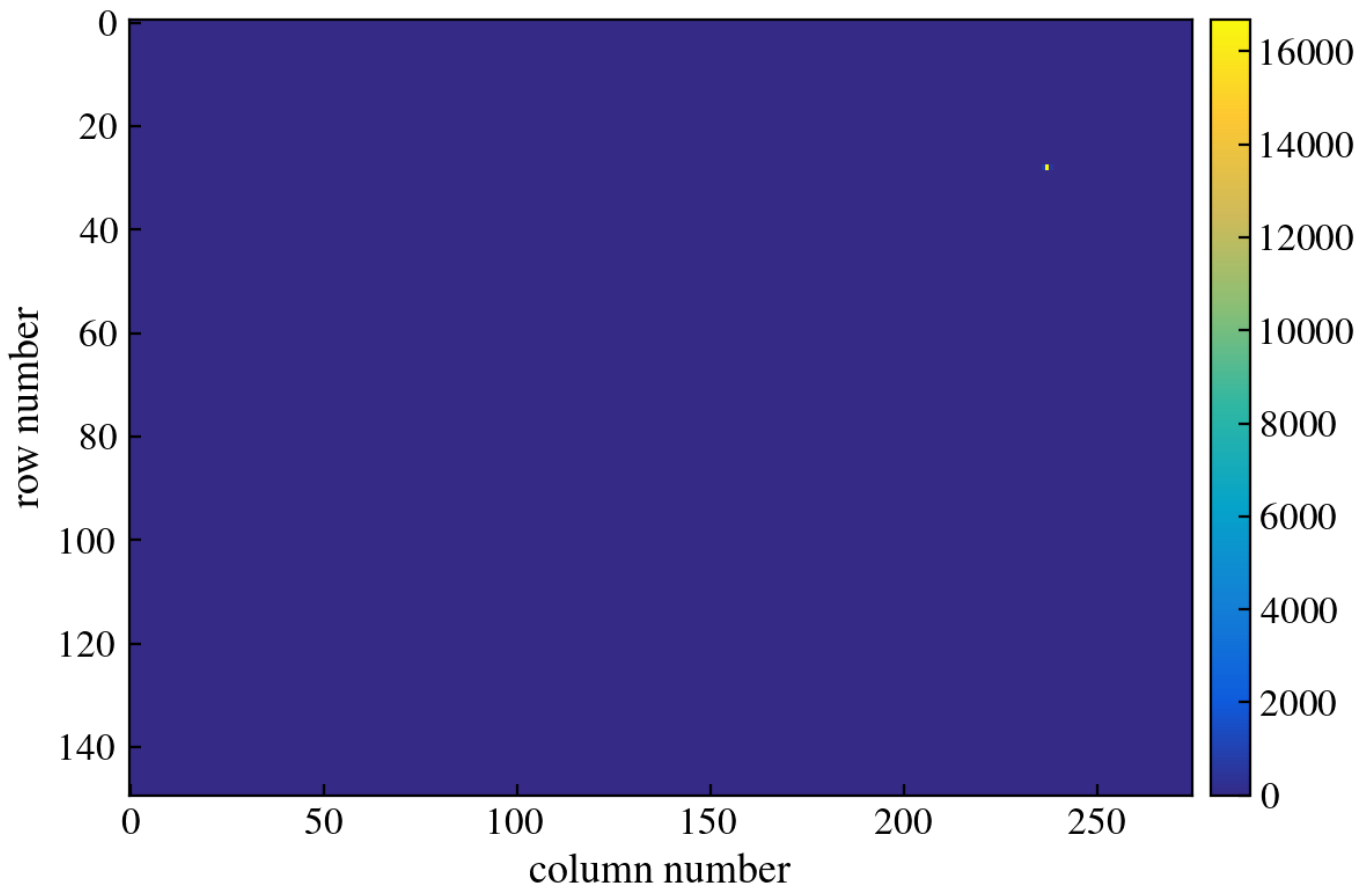


Figure 49: CCD Image

CCD Image: run 490, image 114
[class MECCDImage]

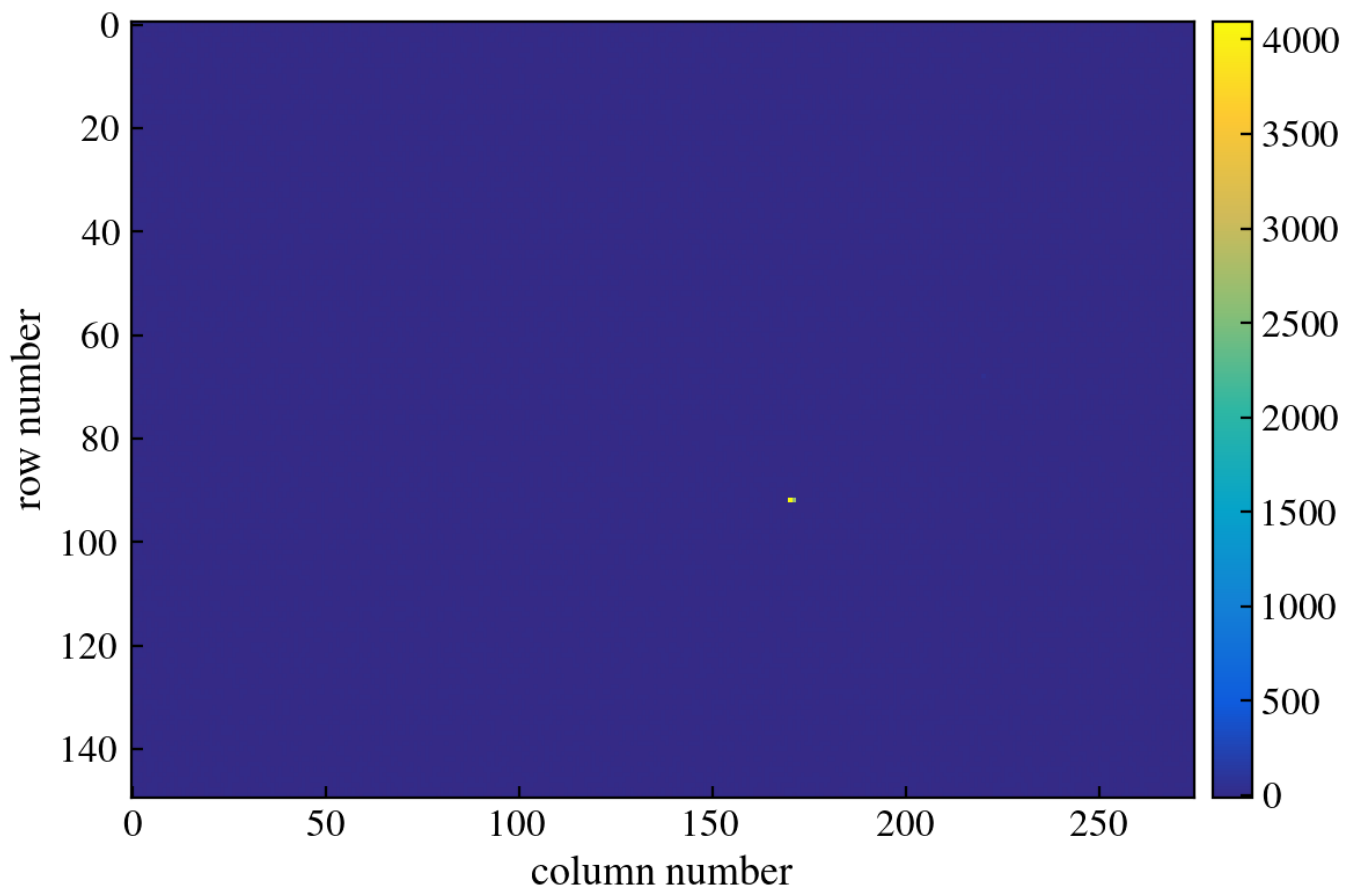


Figure 50: CCD Image

CCD Image: run 490, image 115
[class MECCDImage]

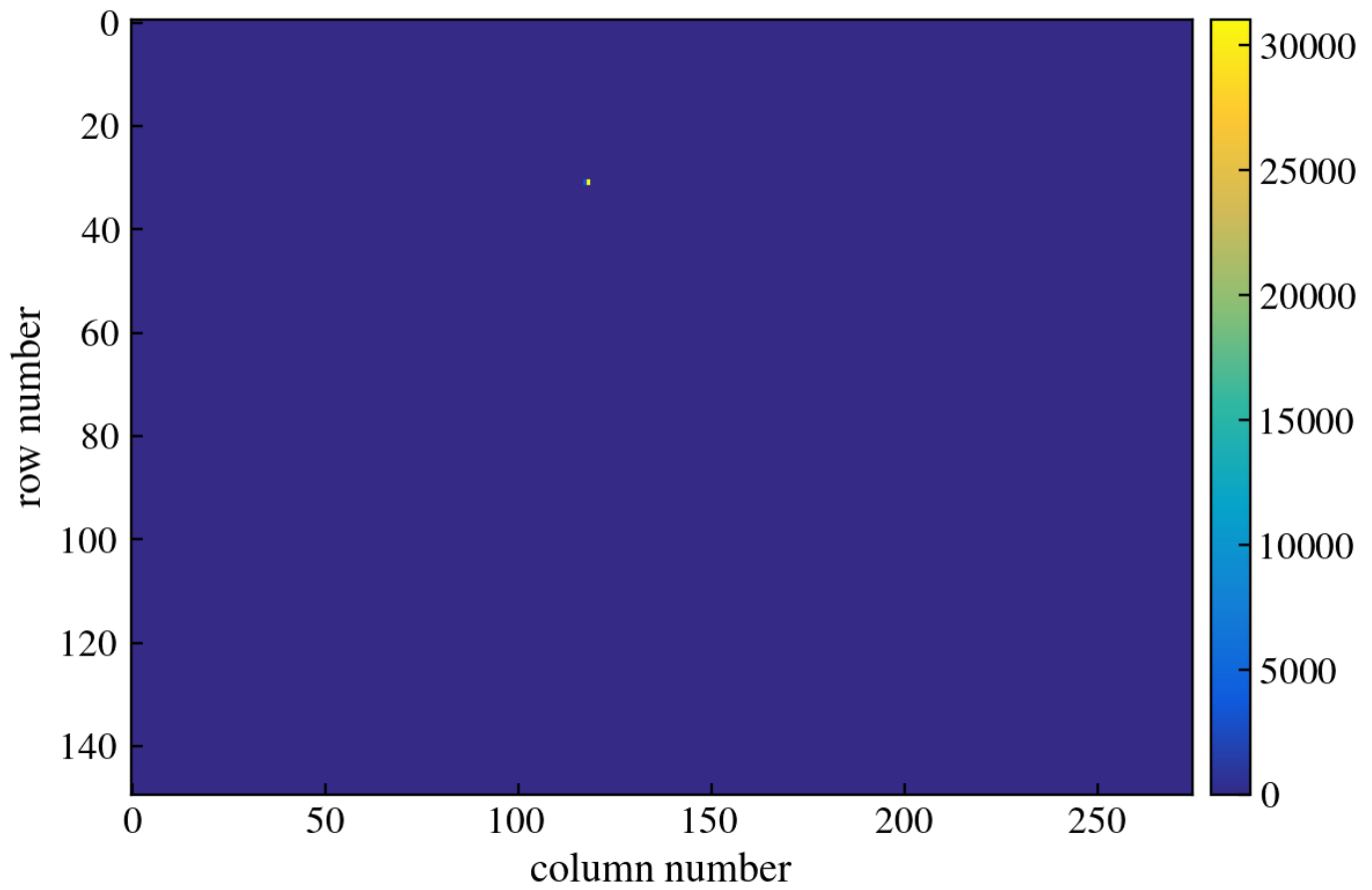


Figure 51: CCD Image

CCD Image: run 490, image 116
[class MECCDImage]

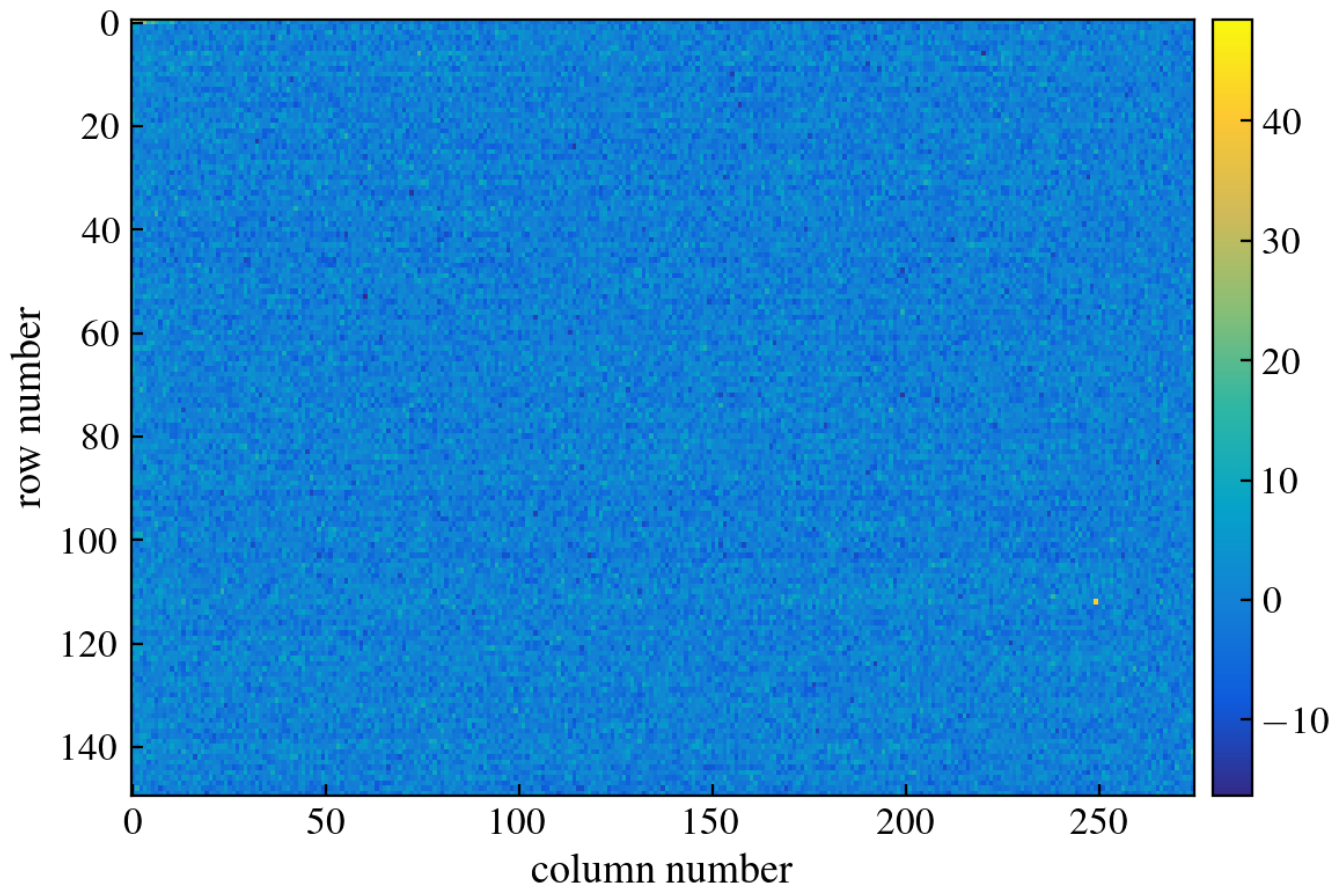


Figure 52: CCD Image

CCD Image: run 490, image 117
[class MECCDImage]

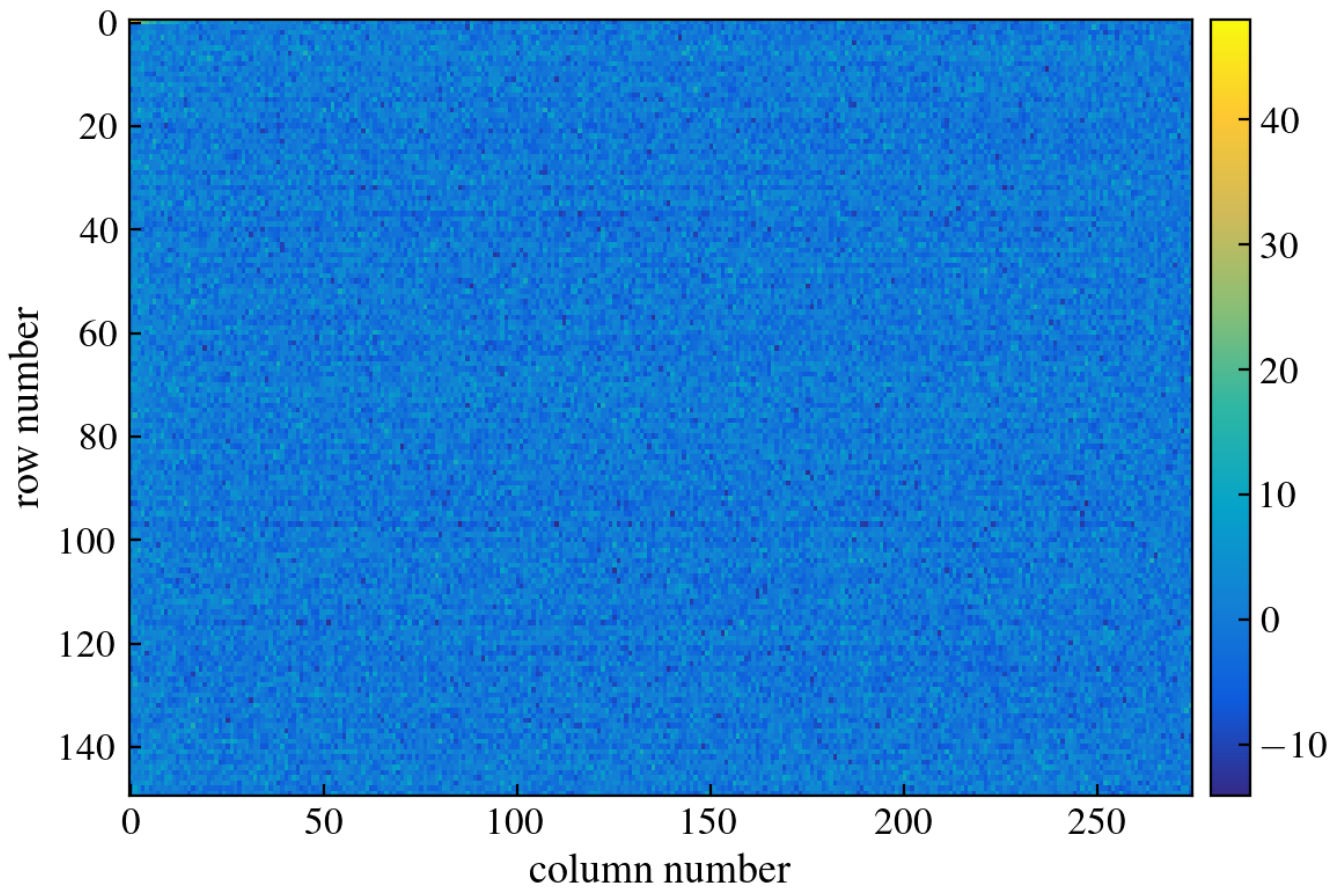


Figure 53: CCD Image

CCD Image: run 490, image 118
[class MECCDImage]

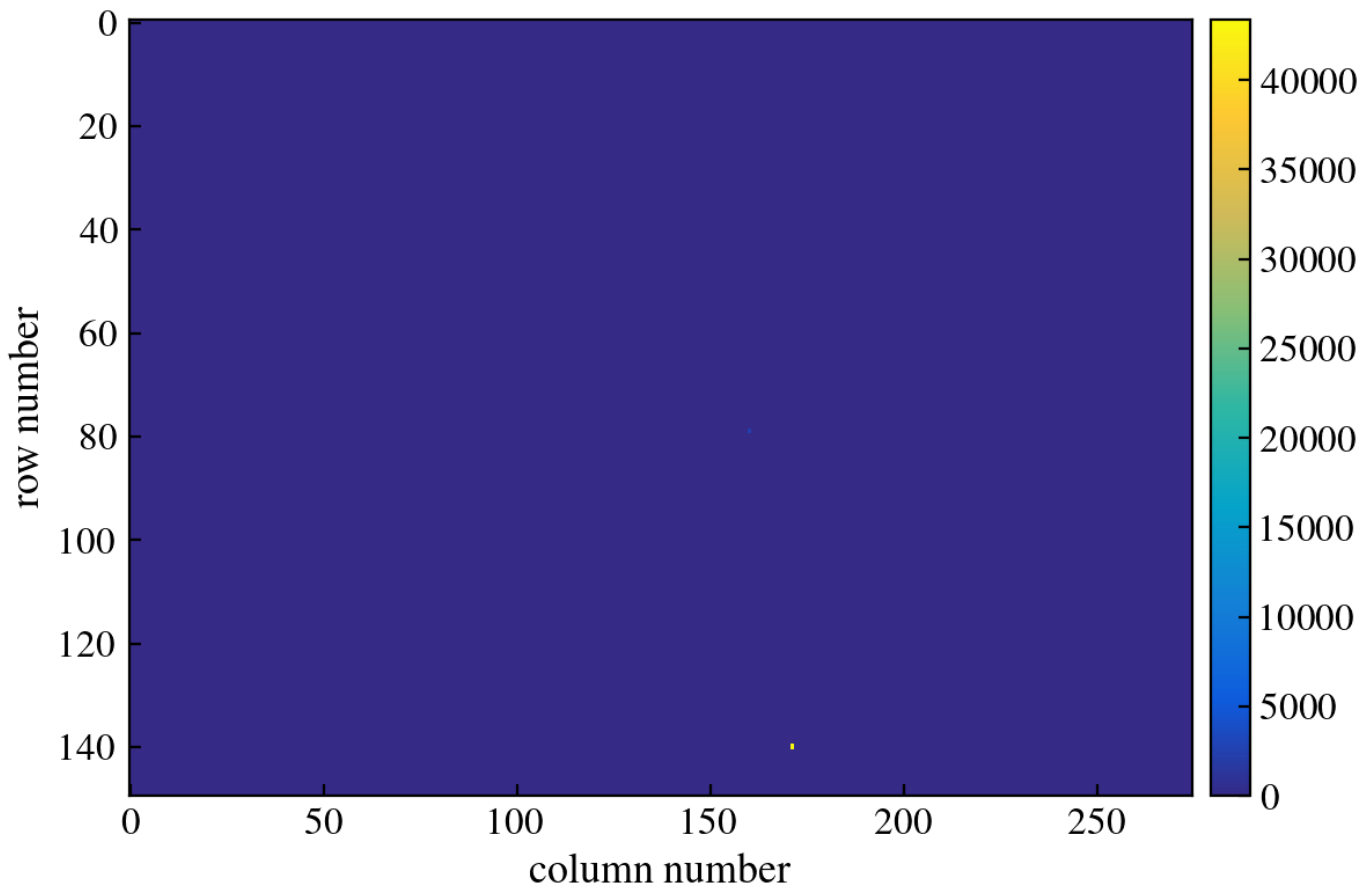


Figure 54: CCD Image

CCD Image: run 490, image 119
[class MECCDImage]

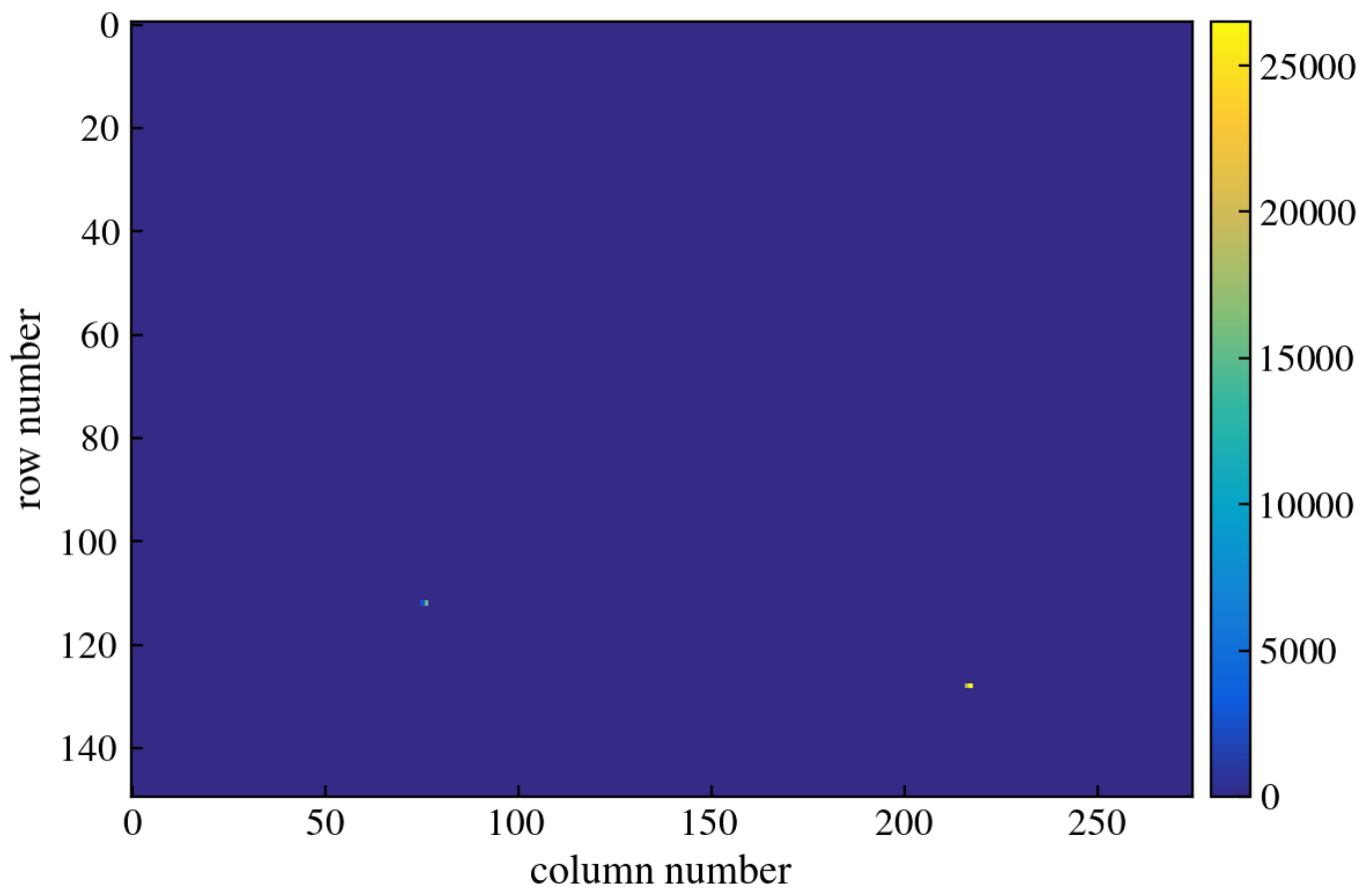


Figure 55: CCD Image

CCD Image: run 490, image 12
[class MECCDImage]

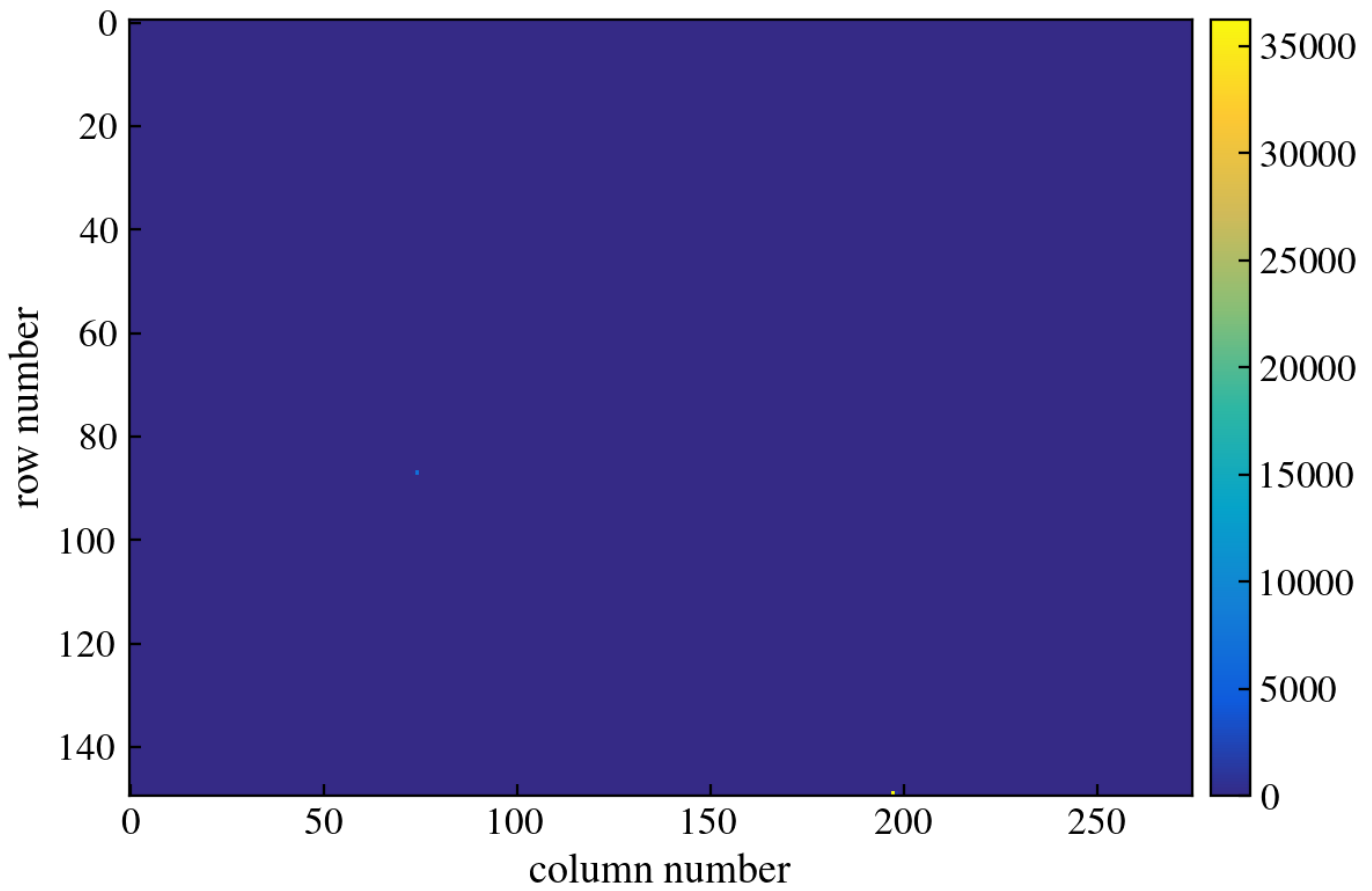


Figure 56: CCD Image

CCD Image: run 490, image 120
[class MECCDImage]

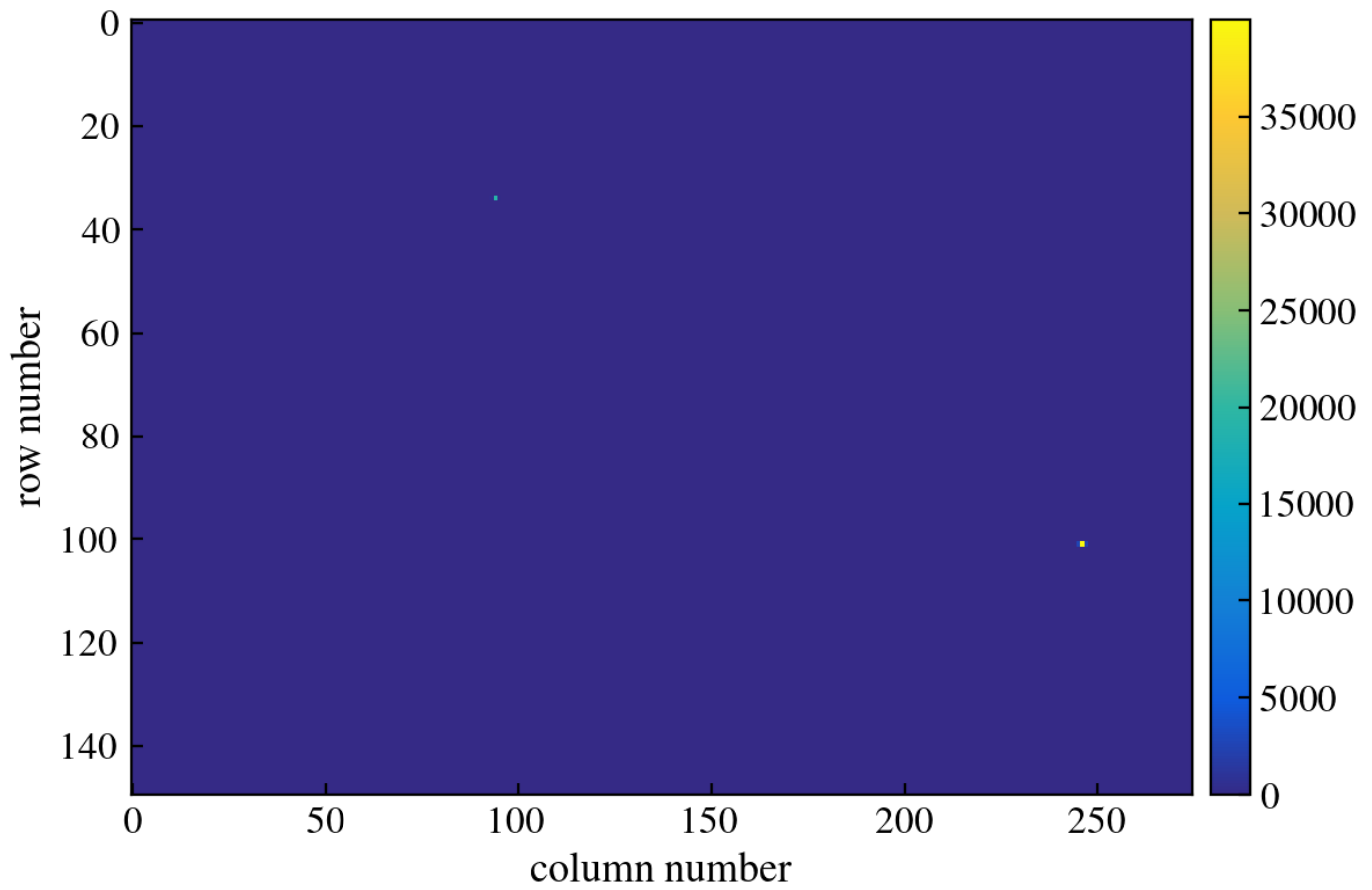


Figure 57: CCD Image

CCD Image: run 490, image 121
[class MECCDImage]

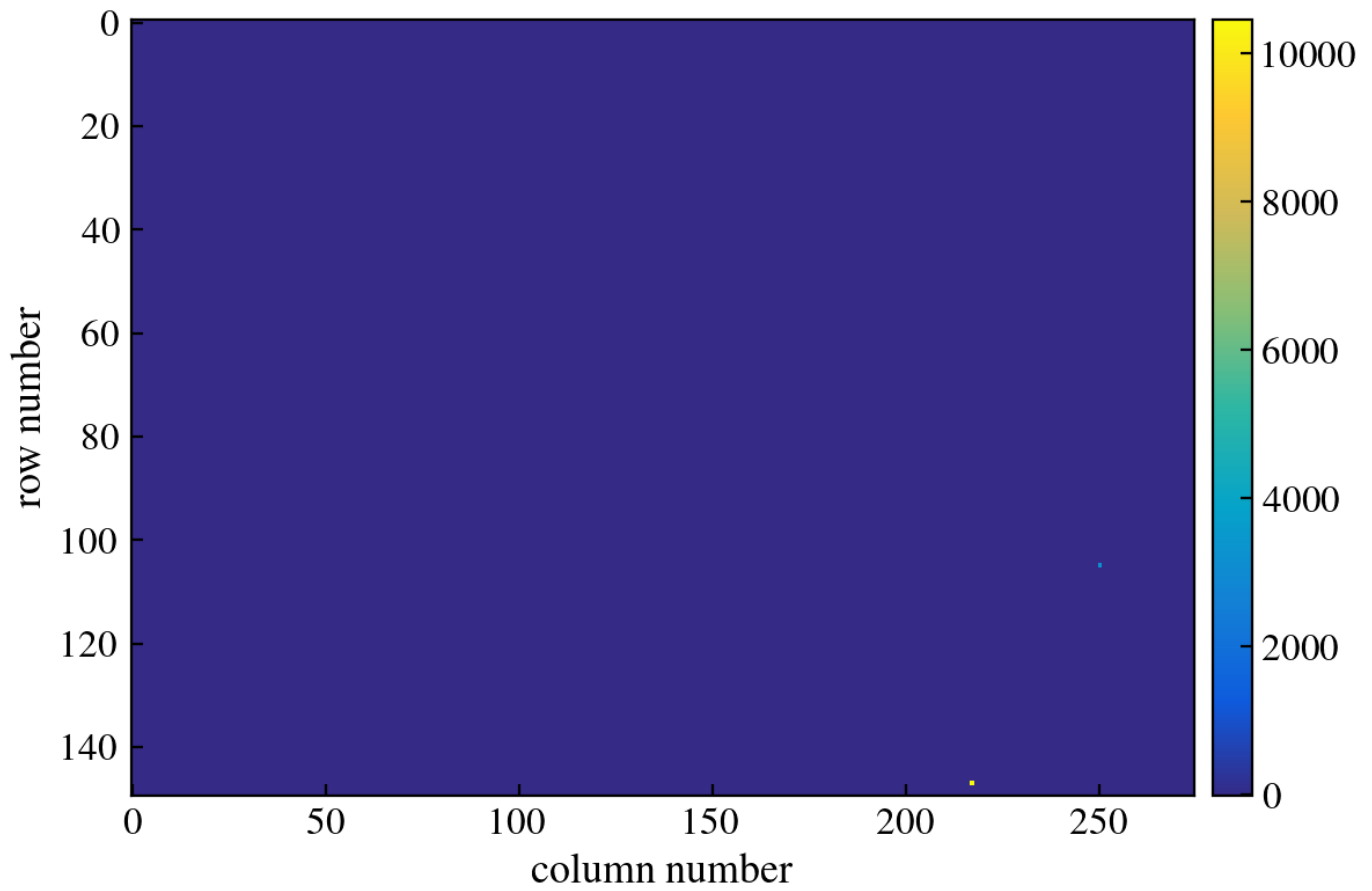


Figure 58: CCD Image

CCD Image: run 490, image 122
[class MECCDImage]

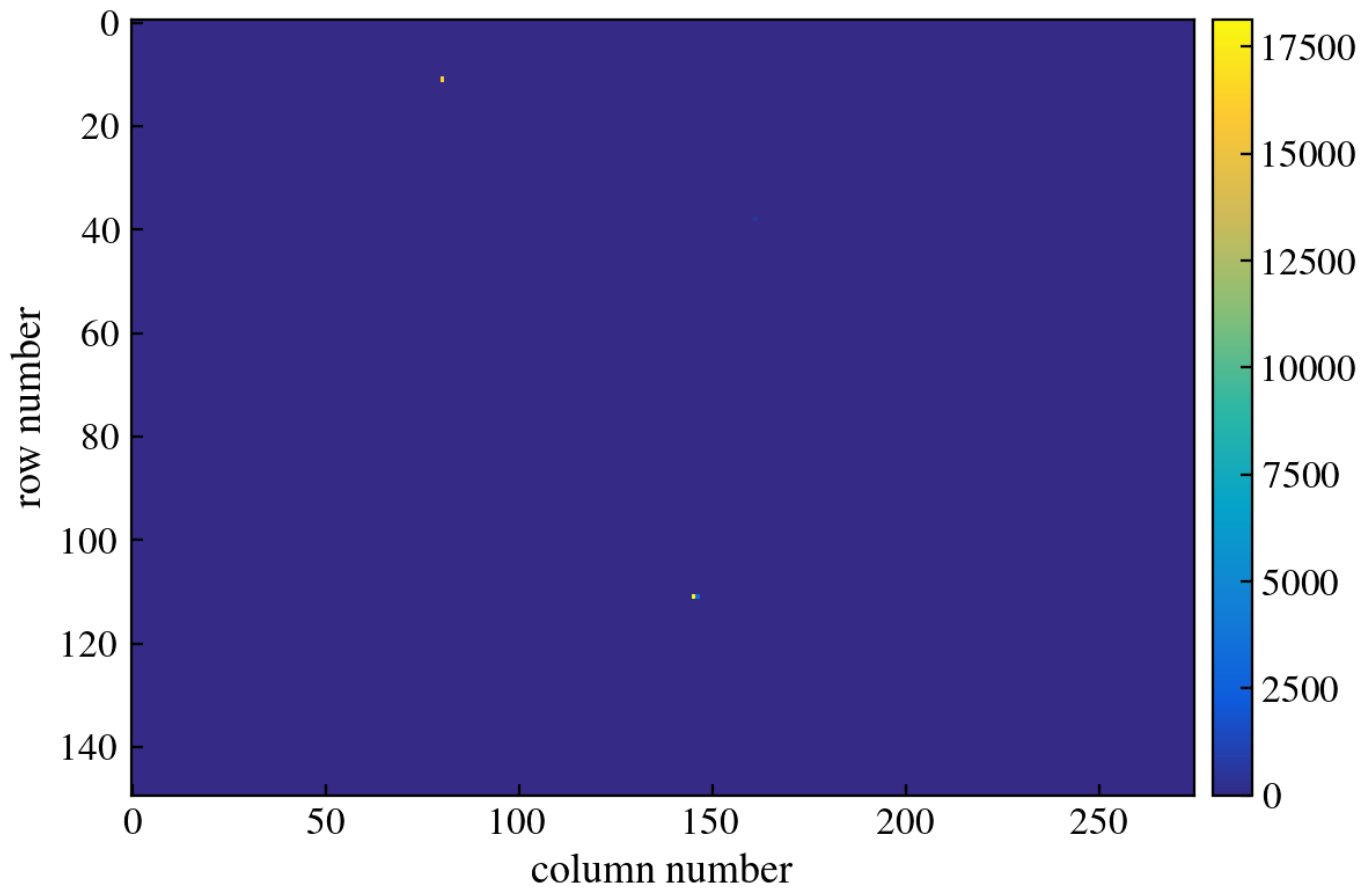


Figure 59: CCD Image

CCD Image: run 490, image 123
[class MECCDImage]

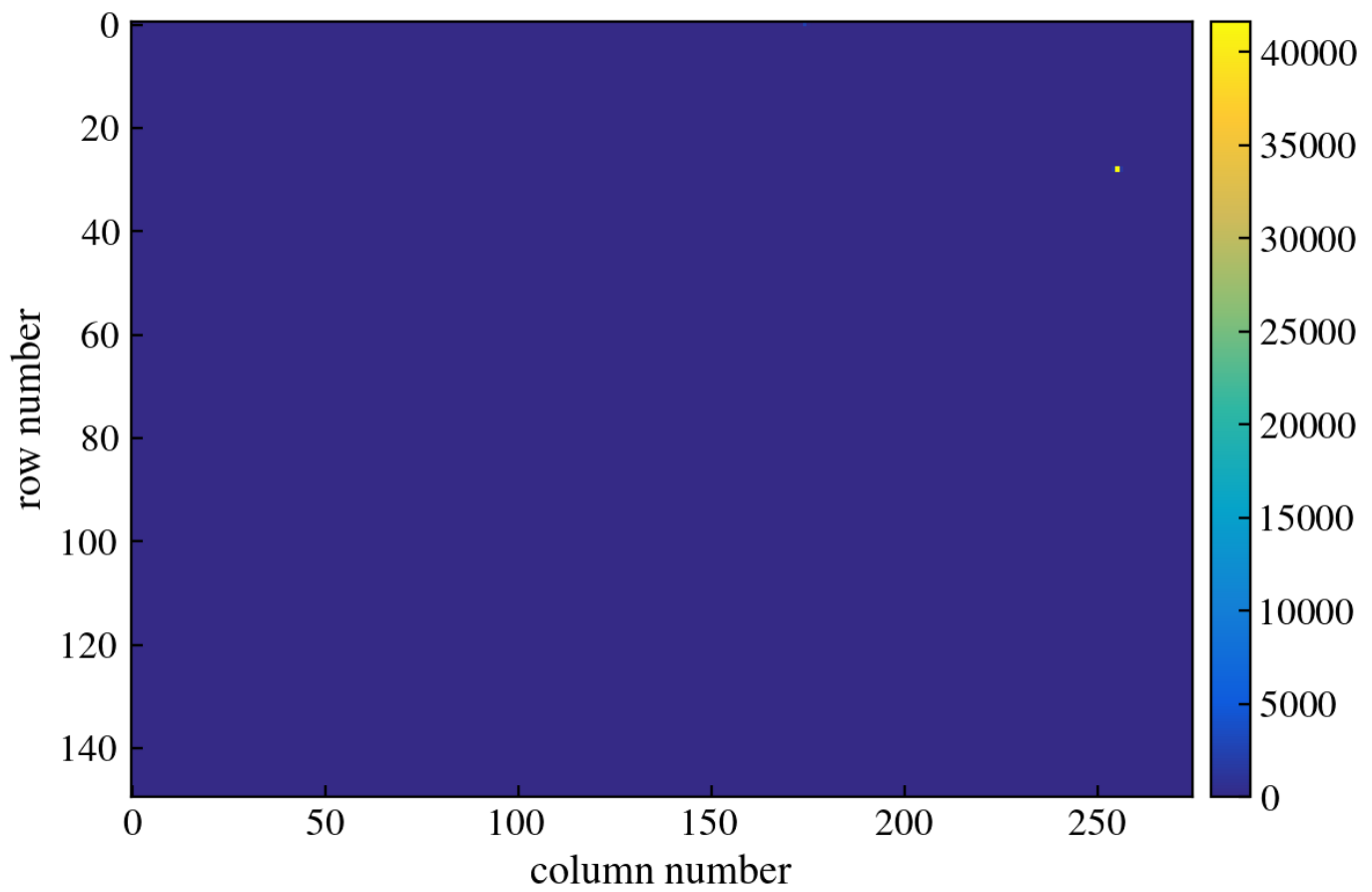


Figure 60: CCD Image

CCD Image: run 490, image 124
[class MECCDImage]

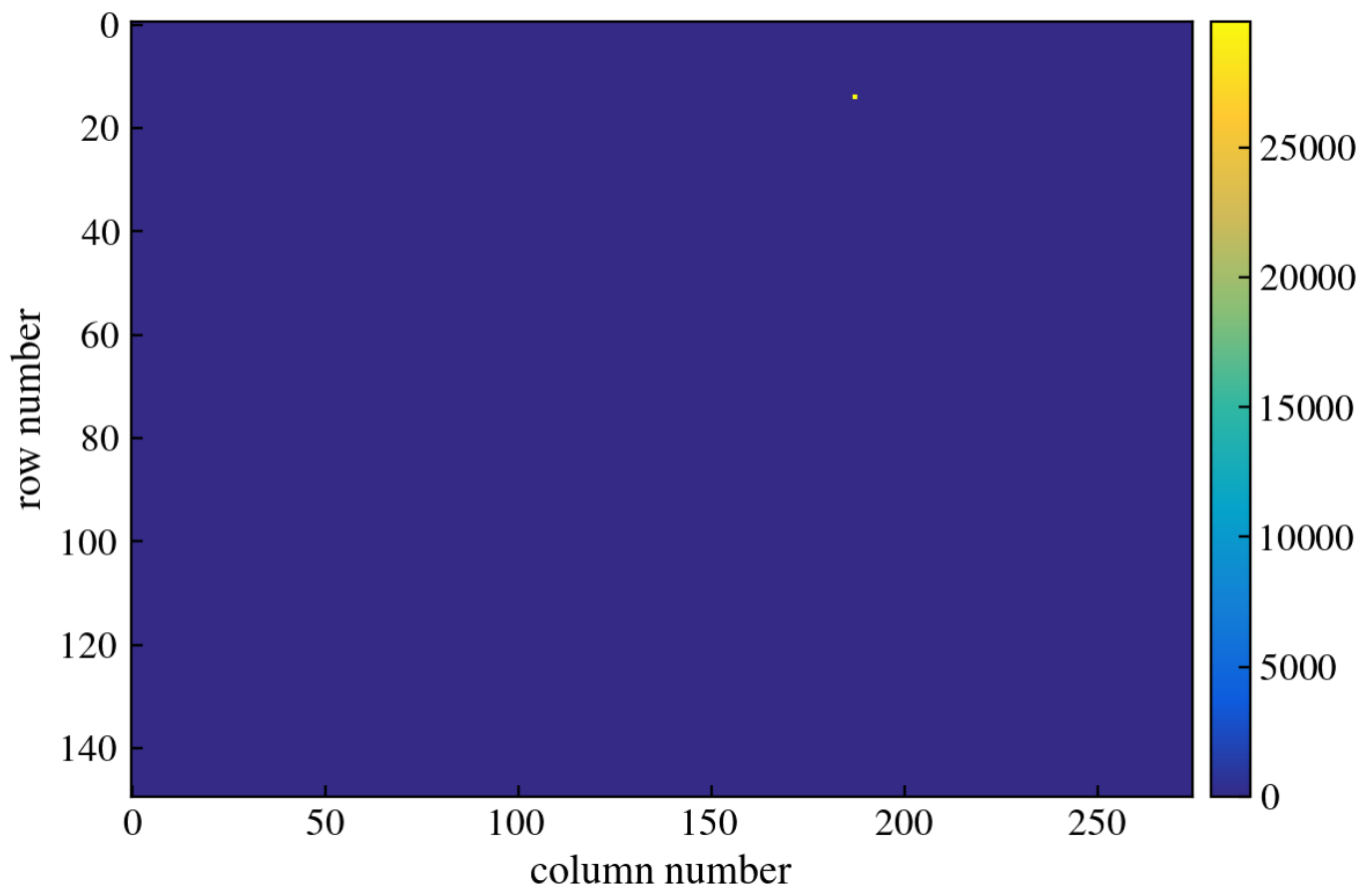


Figure 61: CCD Image

CCD Image: run 490, image 125
[class MECCDImage]

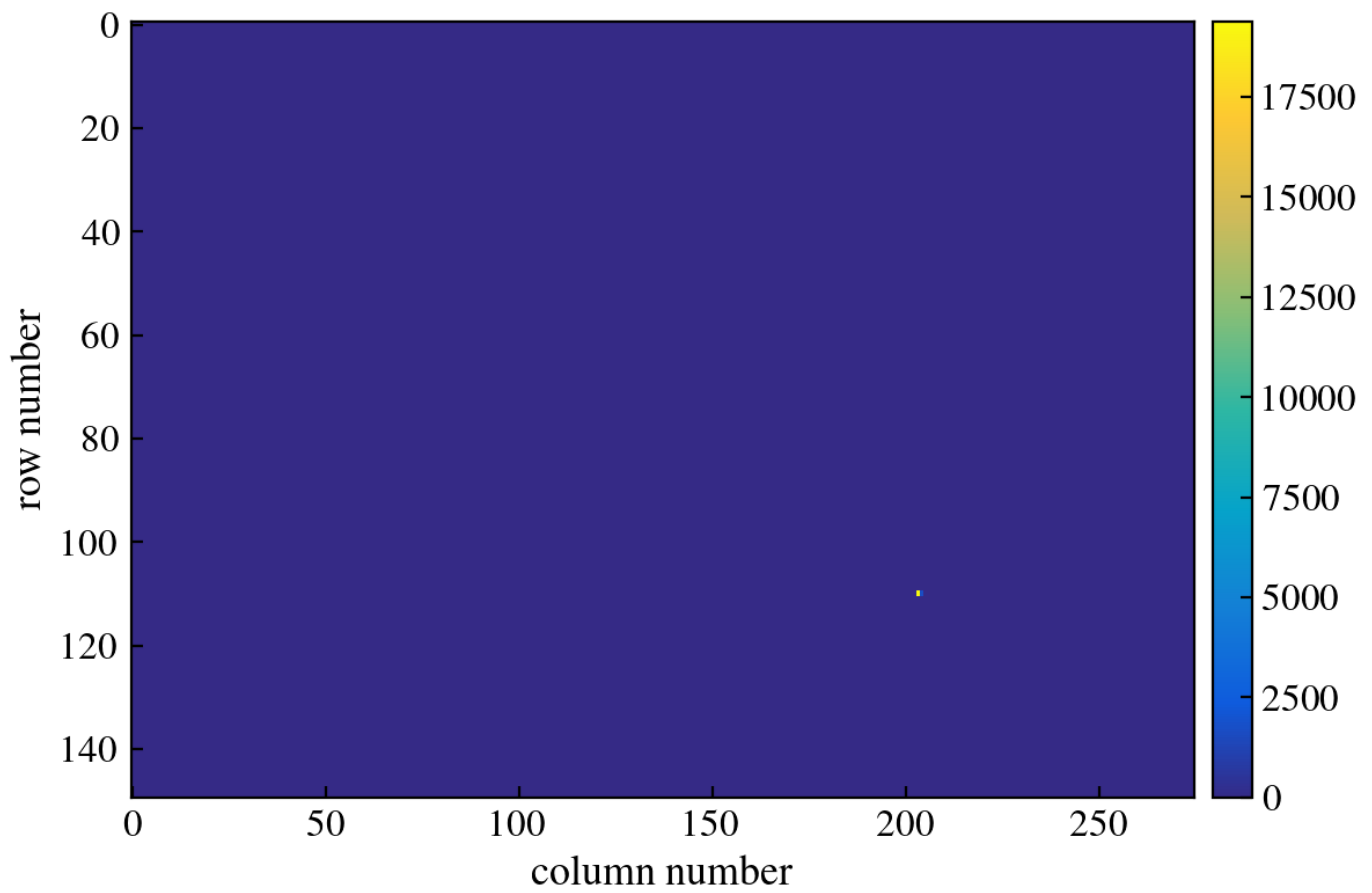


Figure 62: CCD Image

CCD Image: run 490, image 126
[class MECCDImage]

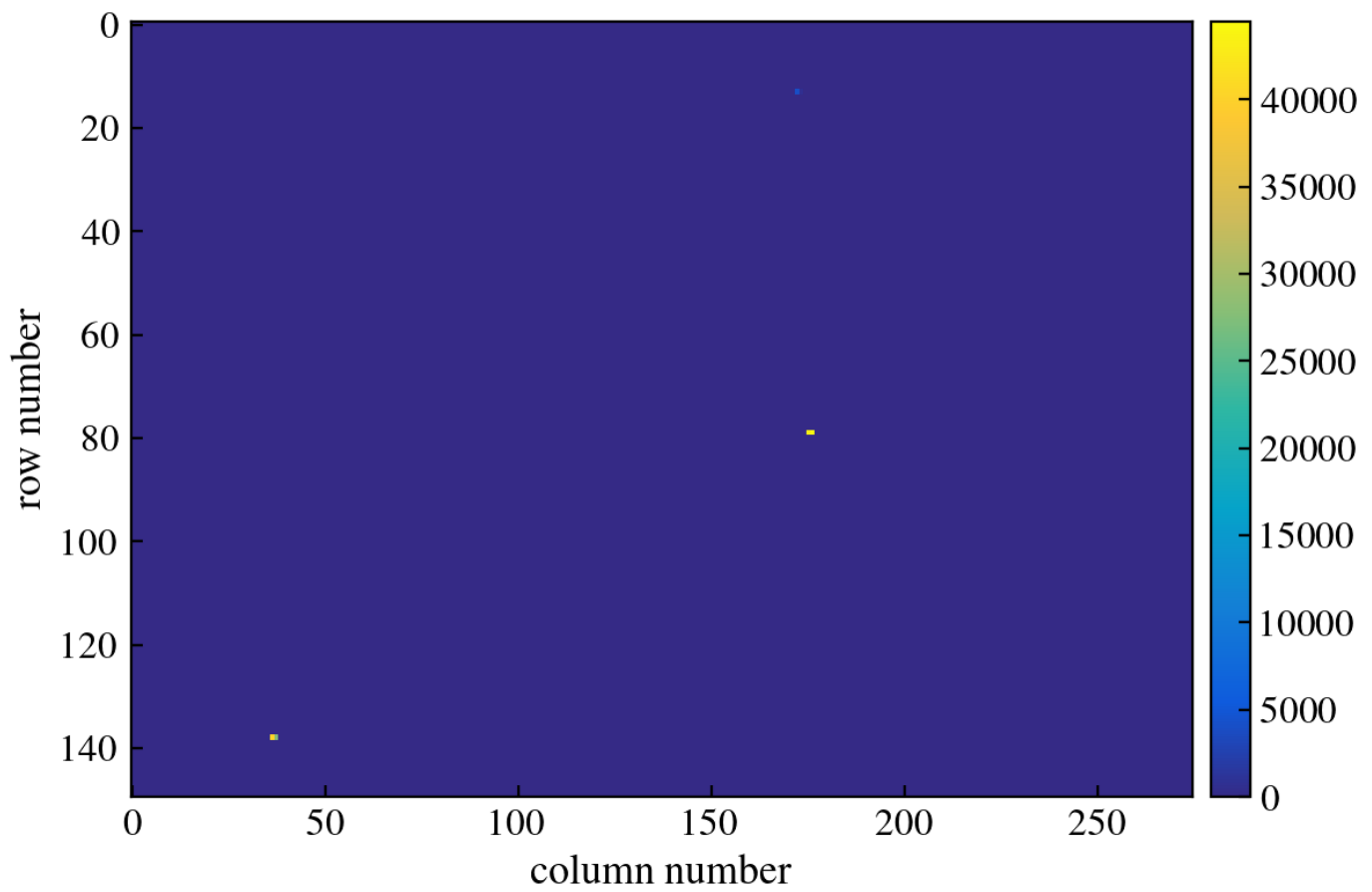


Figure 63: CCD Image

CCD Image: run 490, image 127
[class MECCDImage]

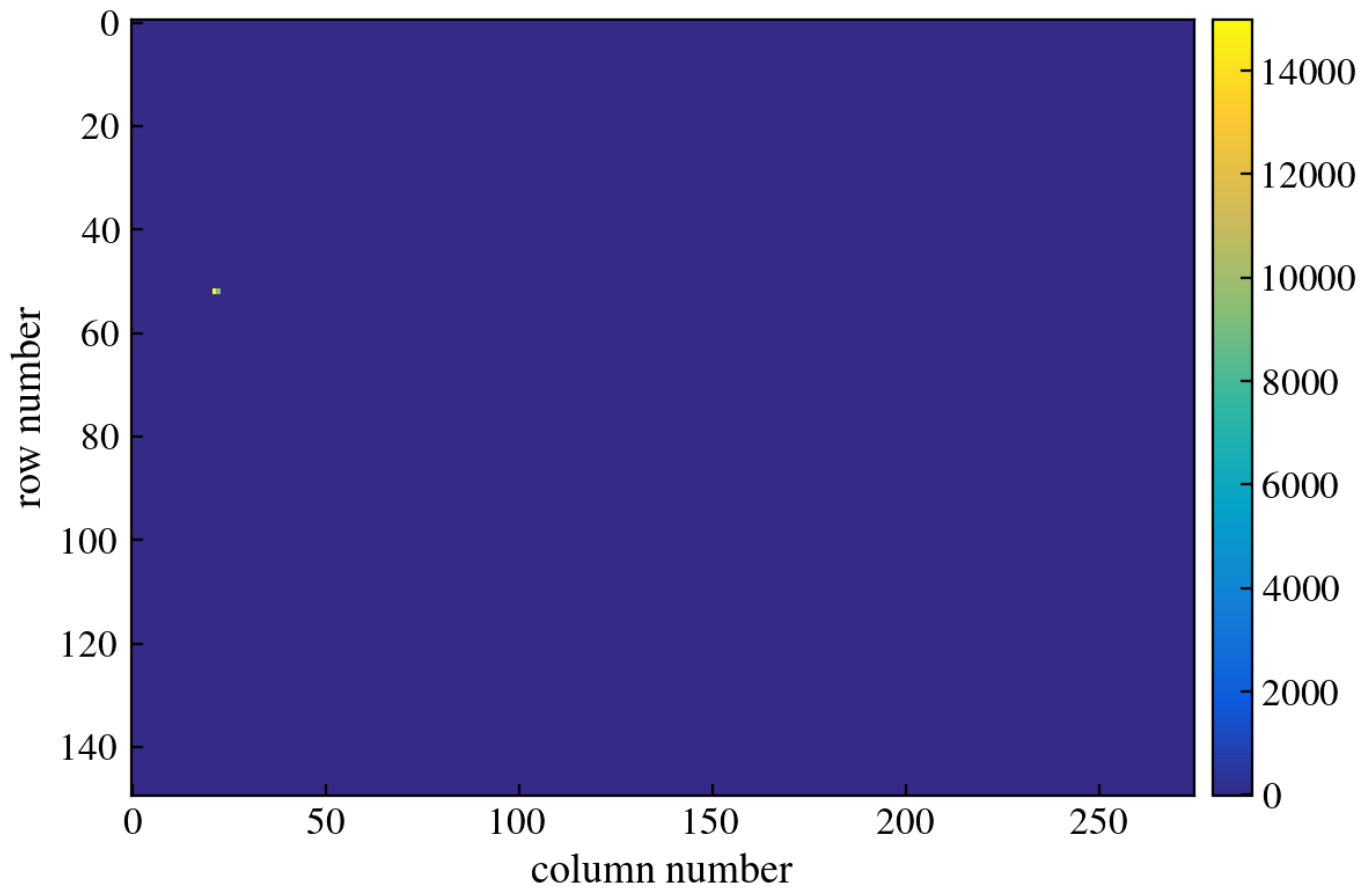


Figure 64: CCD Image

CCD Image: run 490, image 128
[class MECCDImage]

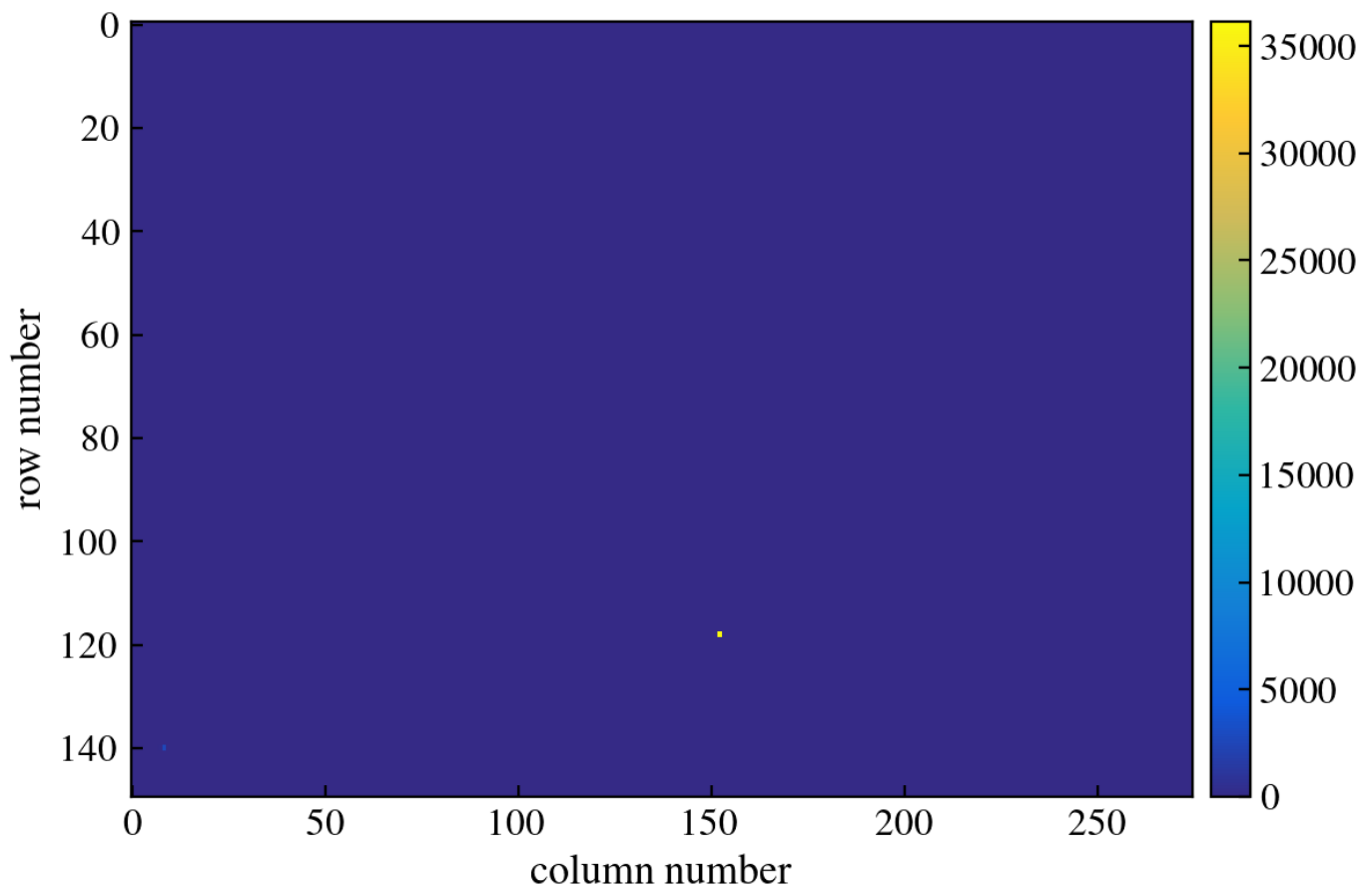


Figure 65: CCD Image

CCD Image: run 490, image 129
[class MECCDImage]

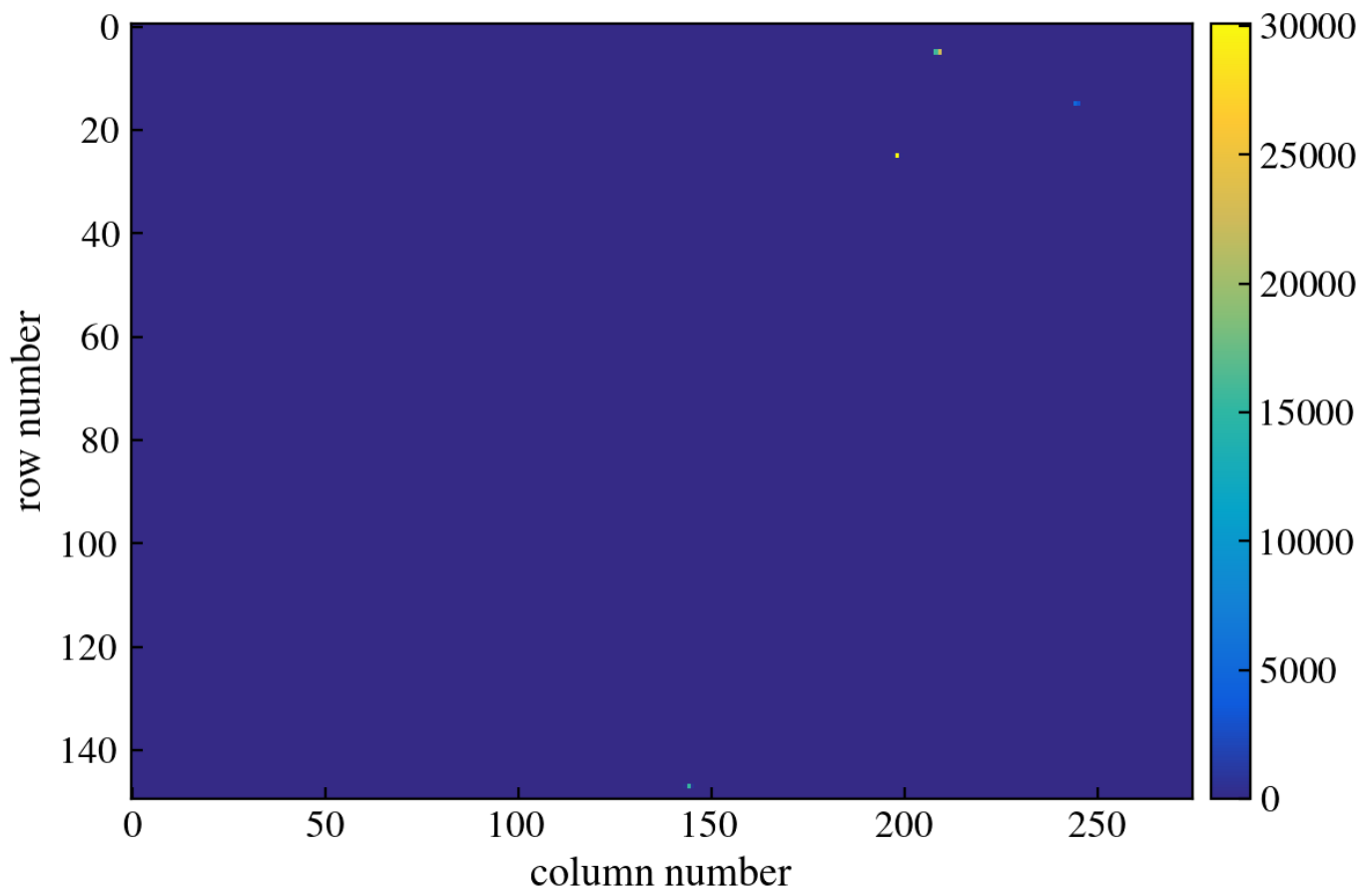


Figure 66: CCD Image

CCD Image: run 490, image 13
[class MECCDImage]

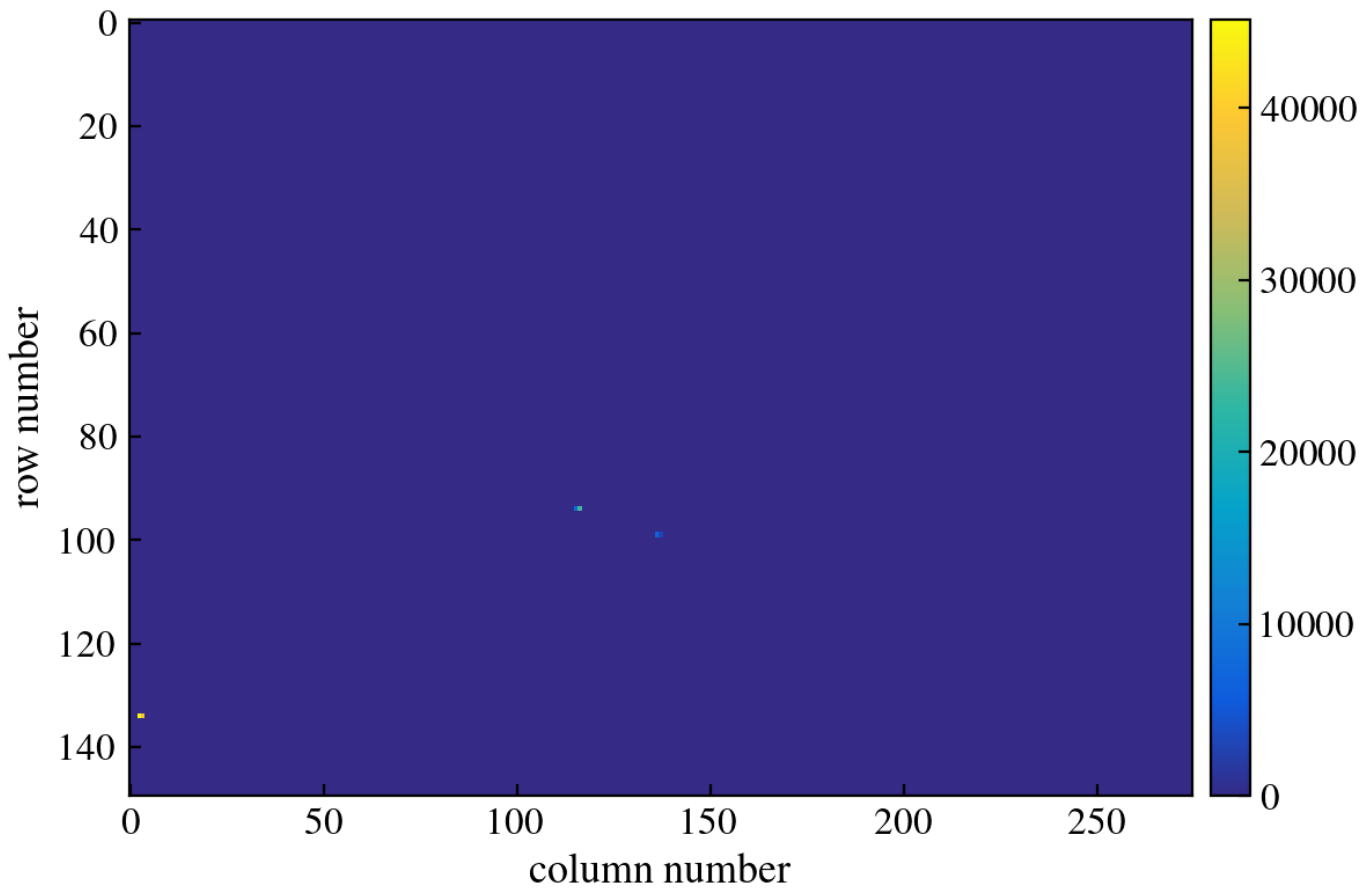


Figure 67: CCD Image

CCD Image: run 490, image 130
[class MECCDImage]

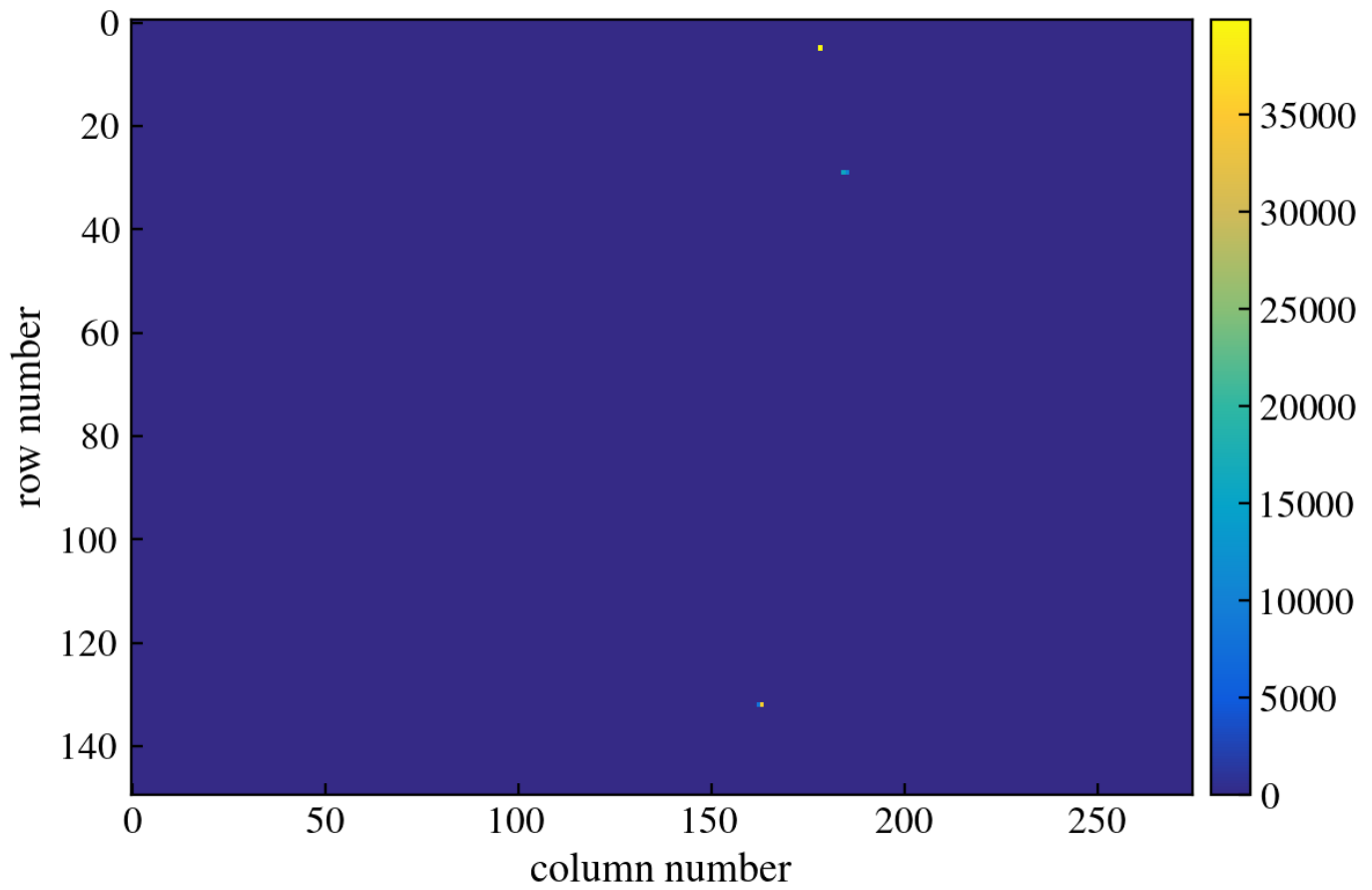


Figure 68: CCD Image

CCD Image: run 490, image 131
[class MECCDImage]

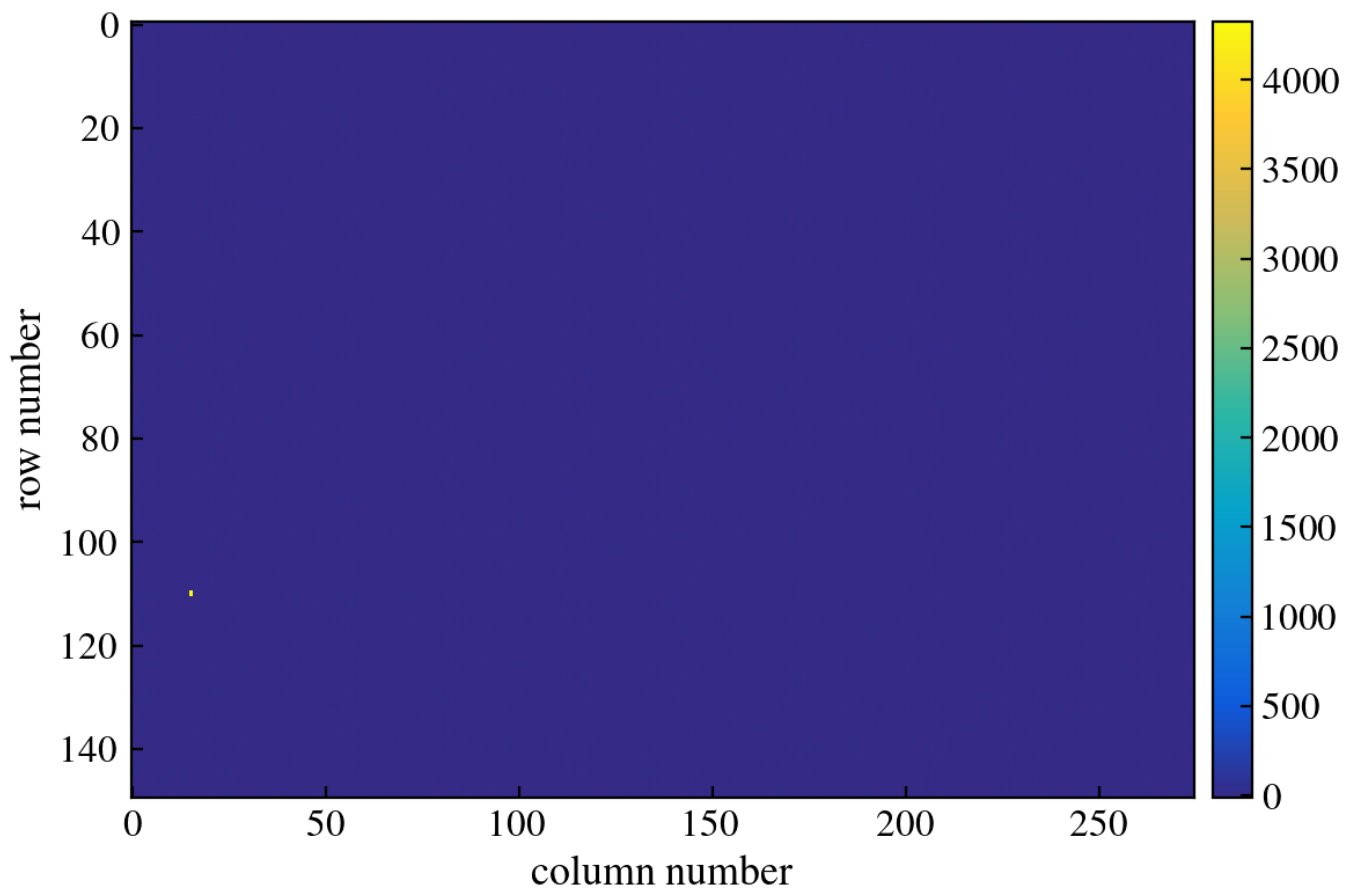


Figure 69: CCD Image

CCD Image: run 490, image 132
[class MECCDImage]

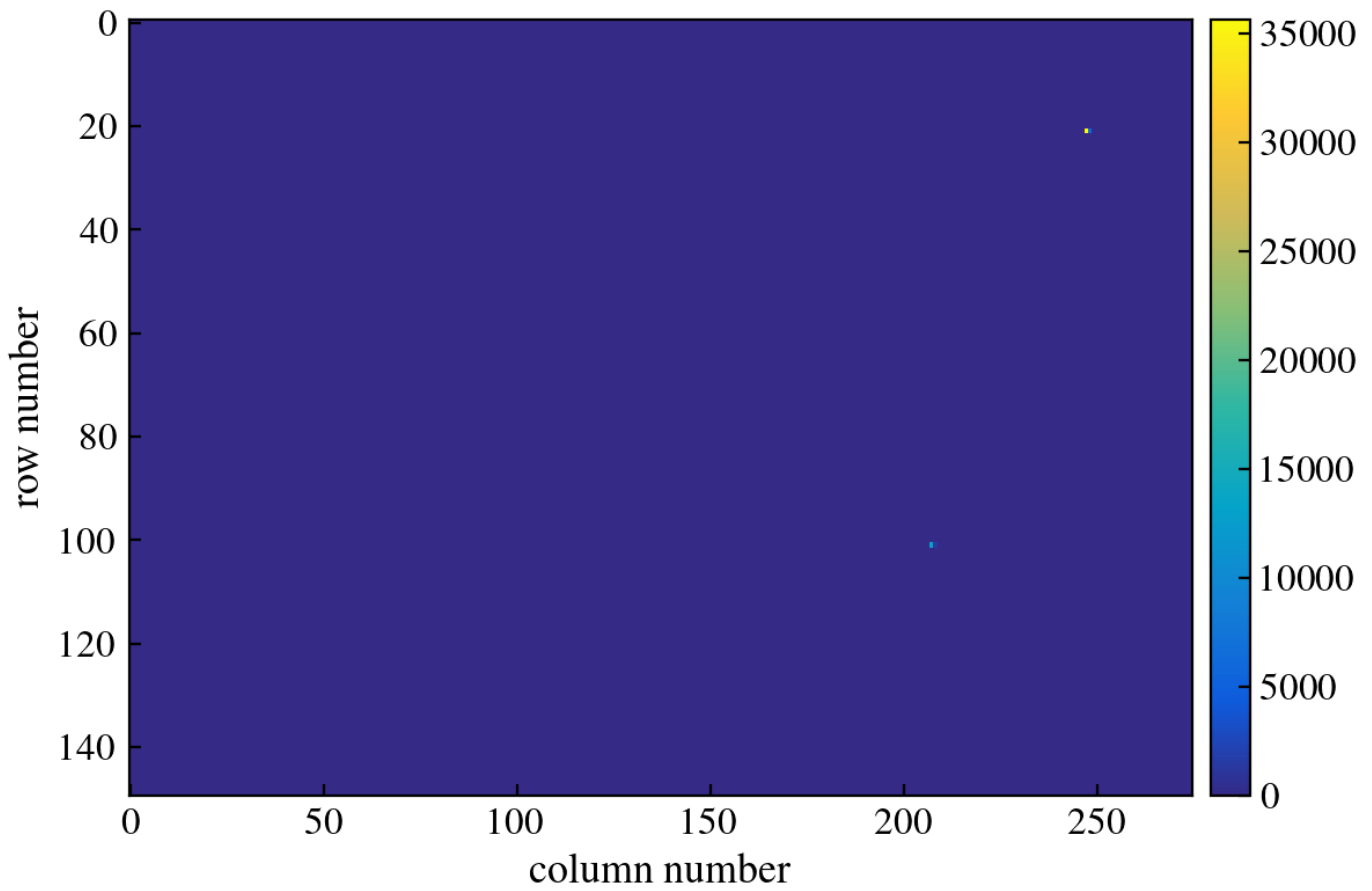


Figure 70: CCD Image

CCD Image: run 490, image 133
[class MECCDImage]

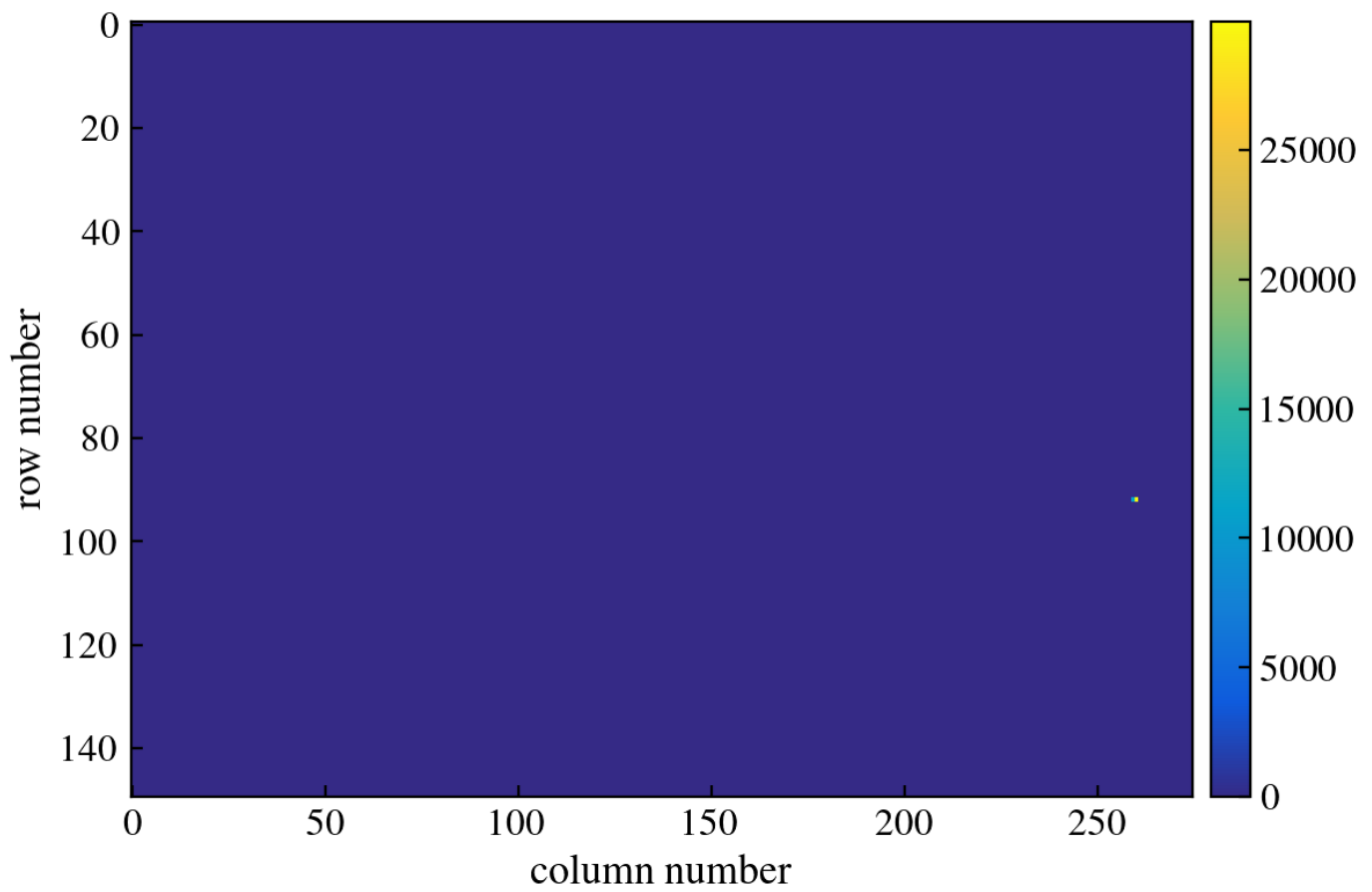


Figure 71: CCD Image

CCD Image: run 490, image 134
[class MECCDImage]

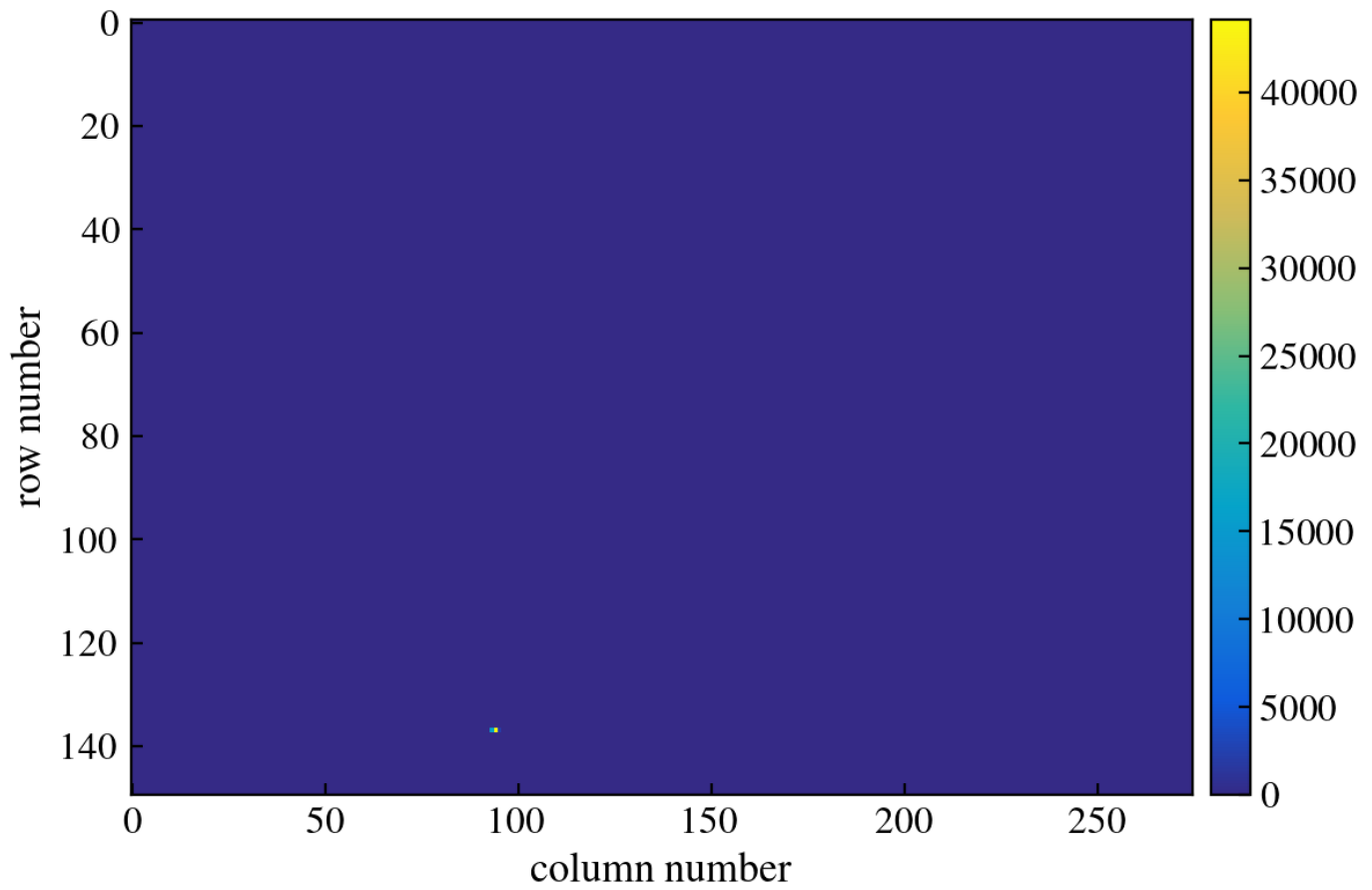


Figure 72: CCD Image

CCD Image: run 490, image 135
[class MECCDImage]

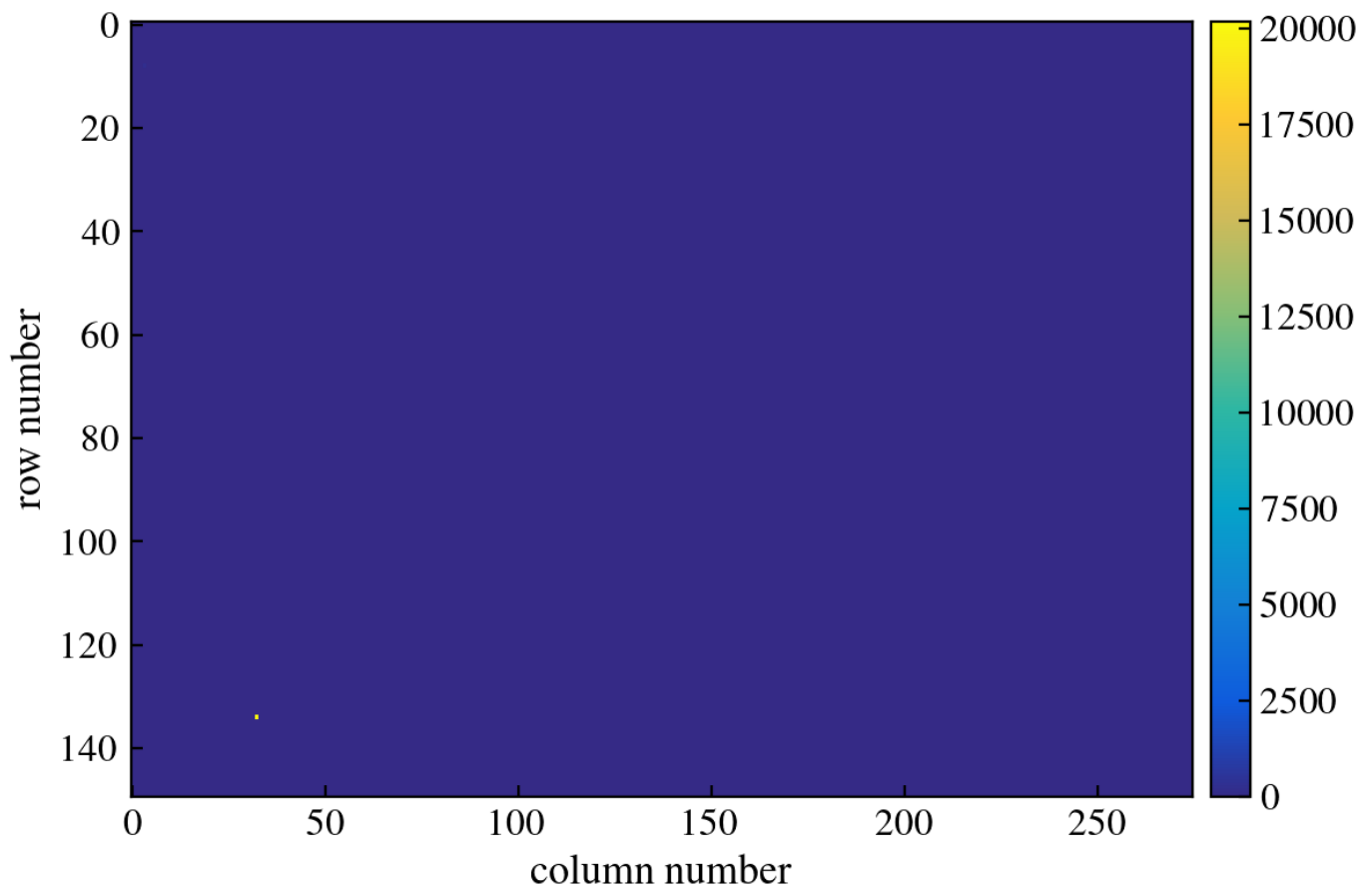


Figure 73: CCD Image

CCD Image: run 490, image 136
[class MECCDImage]

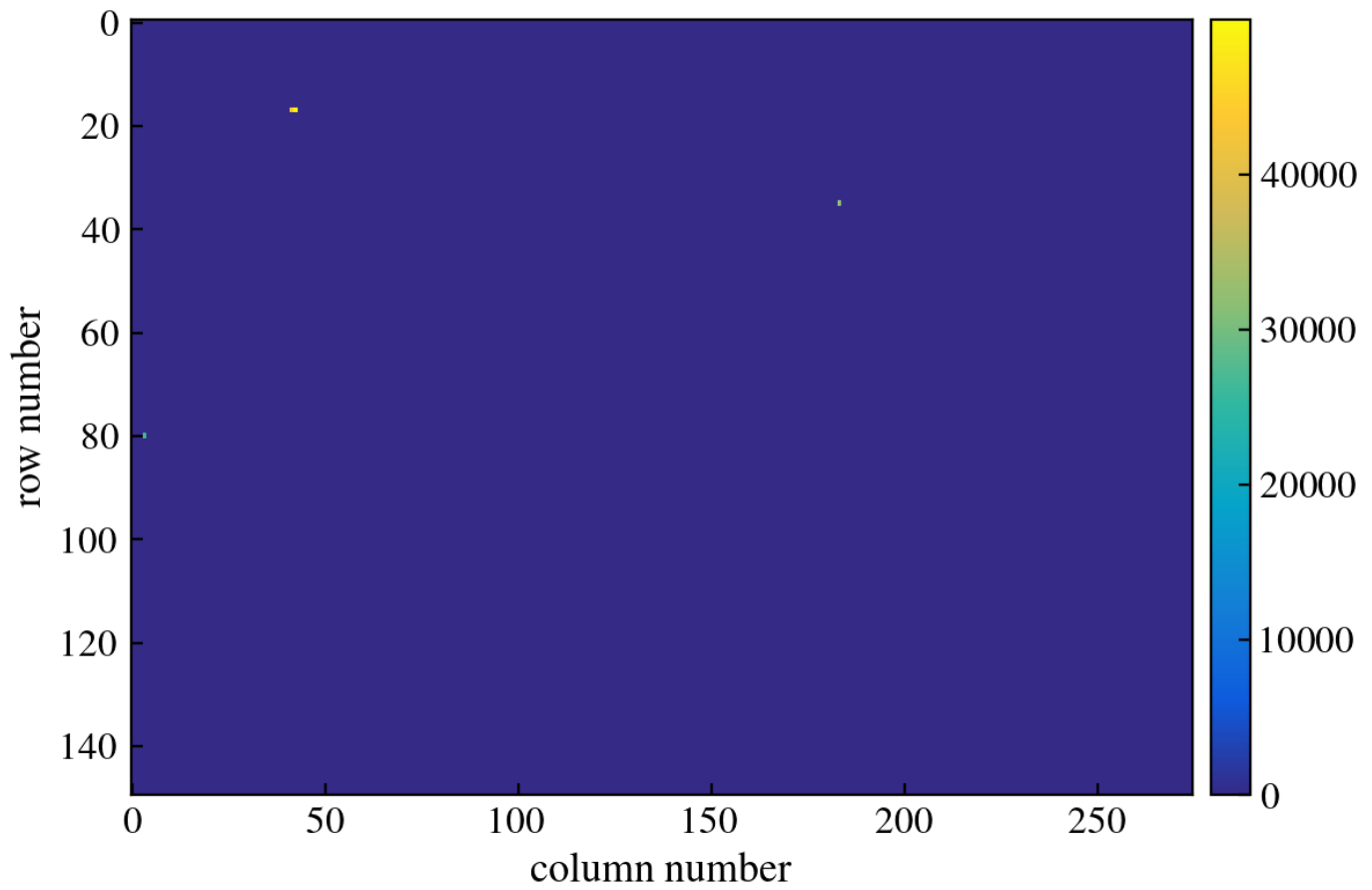


Figure 74: CCD Image

CCD Image: run 490, image 137
[class MECCDImage]

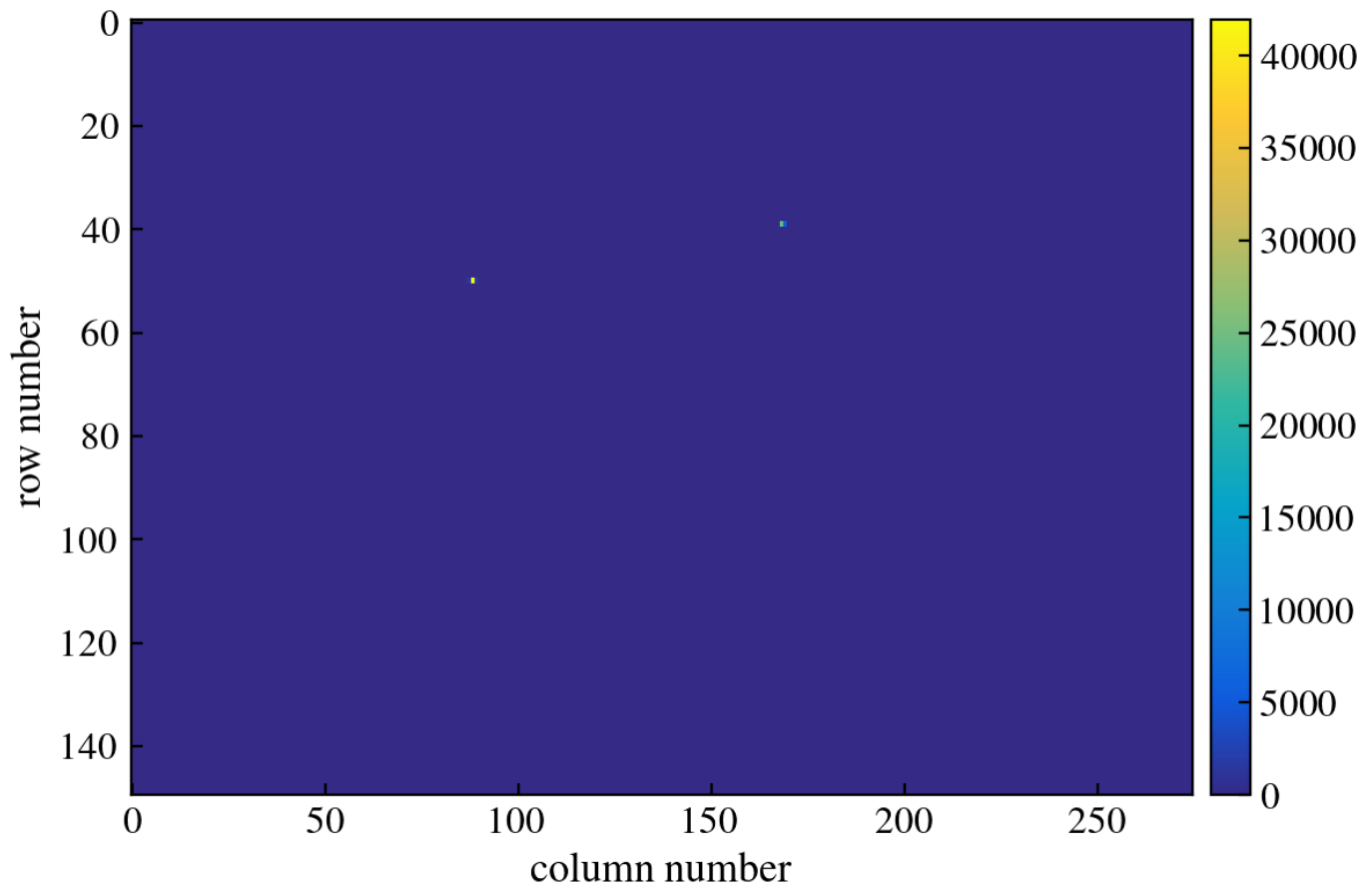


Figure 75: CCD Image

CCD Image: run 490, image 138
[class MECCDImage]

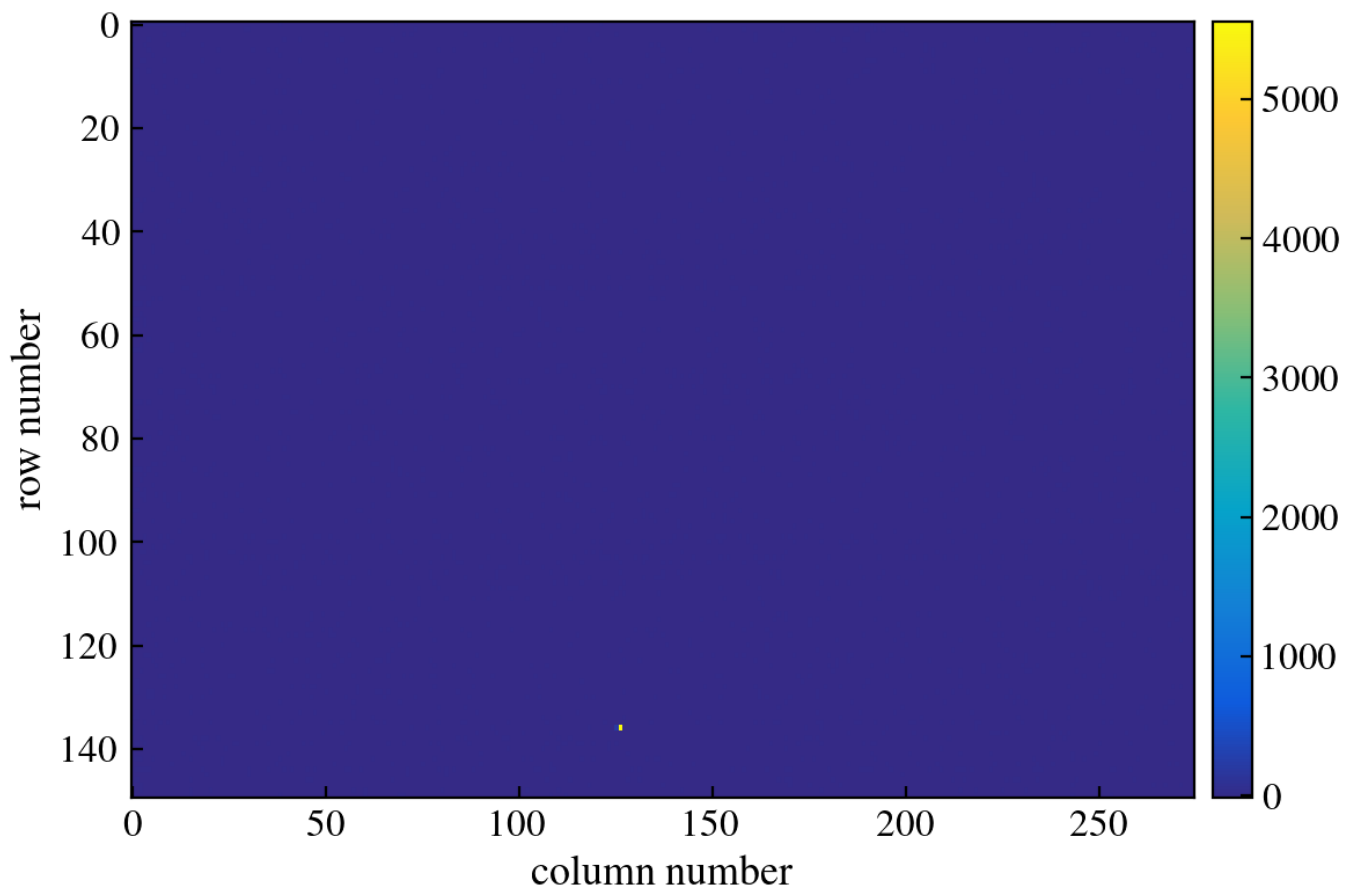


Figure 76: CCD Image

CCD Image: run 490, image 139
[class MECCDImage]

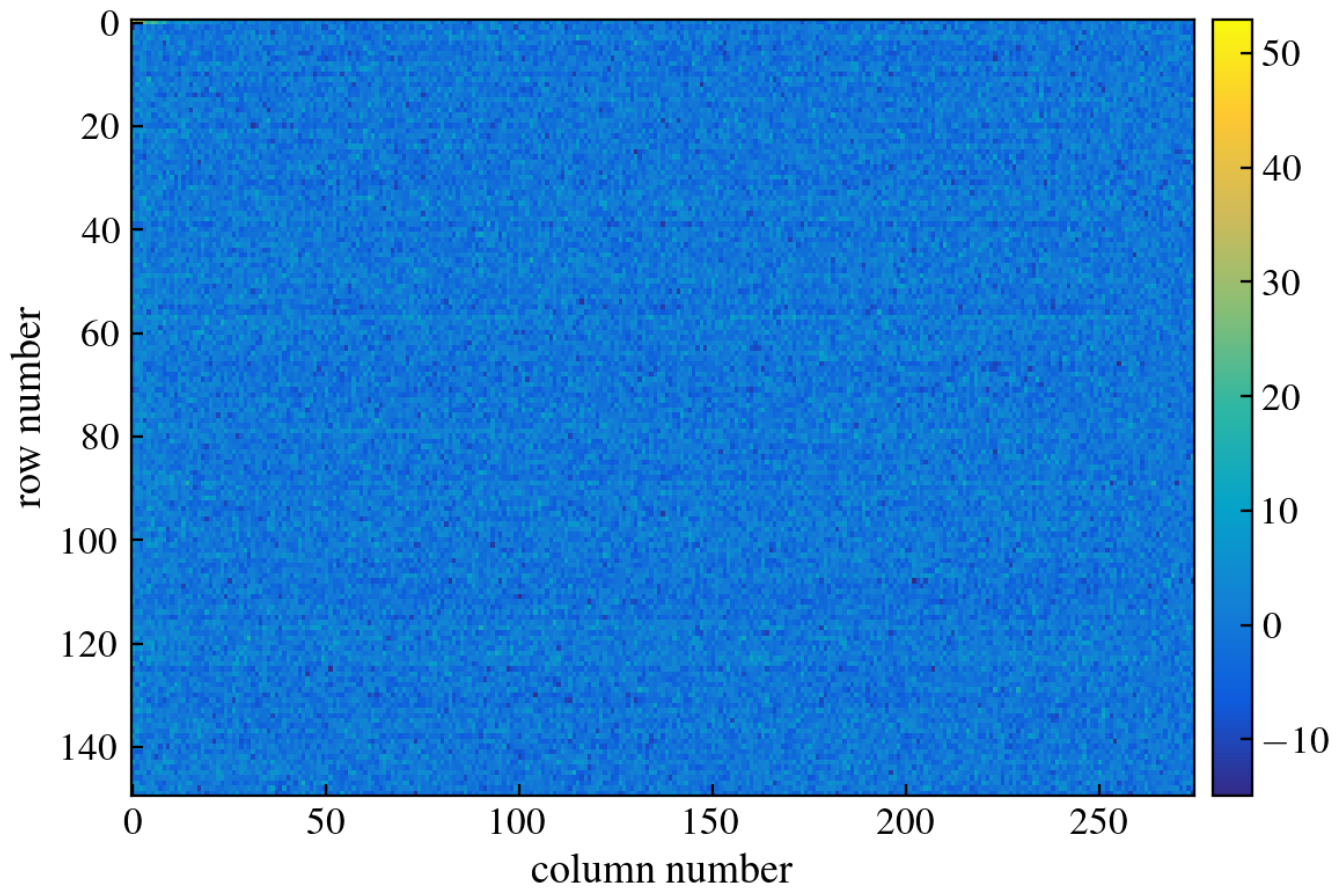


Figure 77: CCD Image

CCD Image: run 490, image 14
[class MECCDImage]

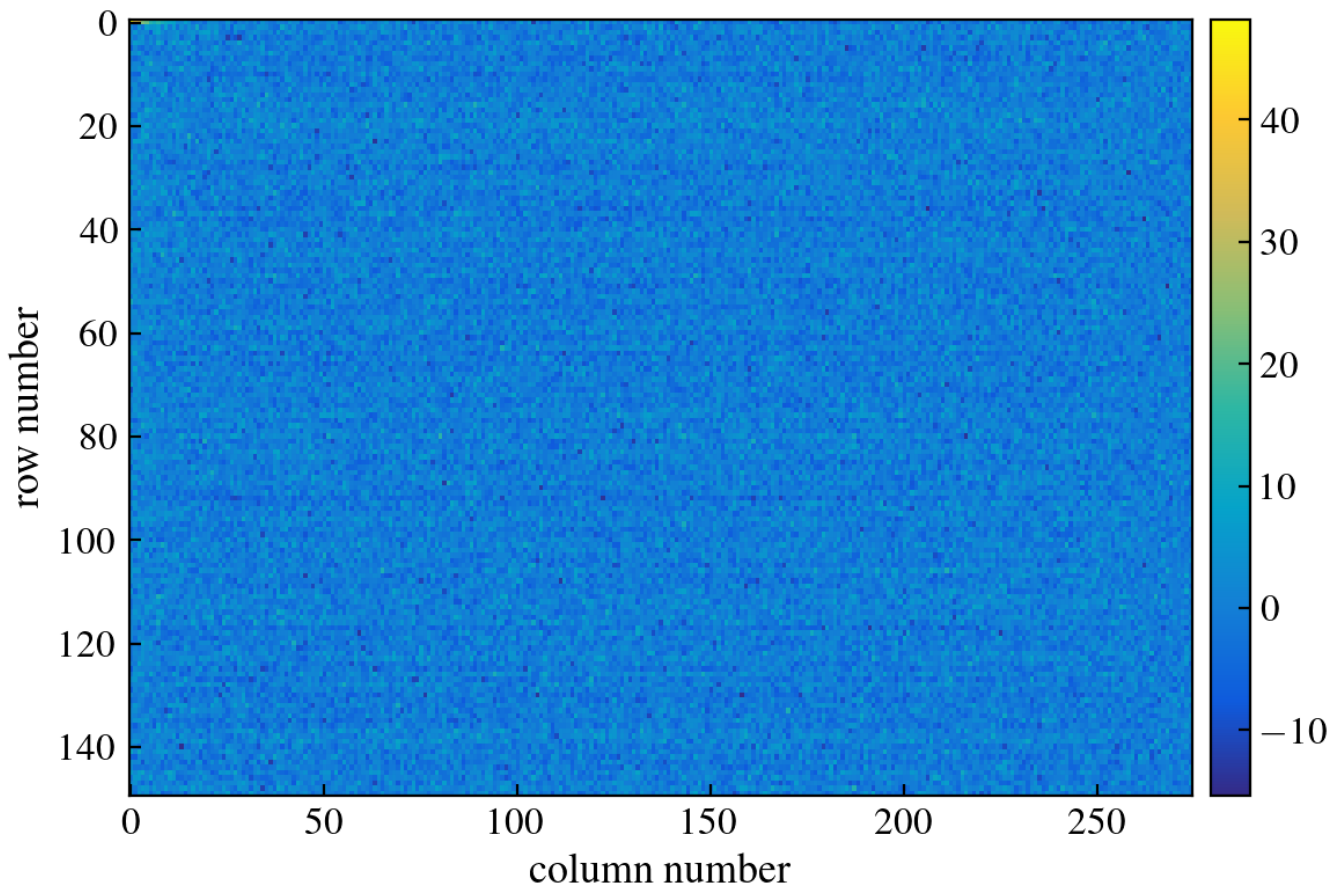


Figure 78: CCD Image

CCD Image: run 490, image 140
[class MECCDImage]

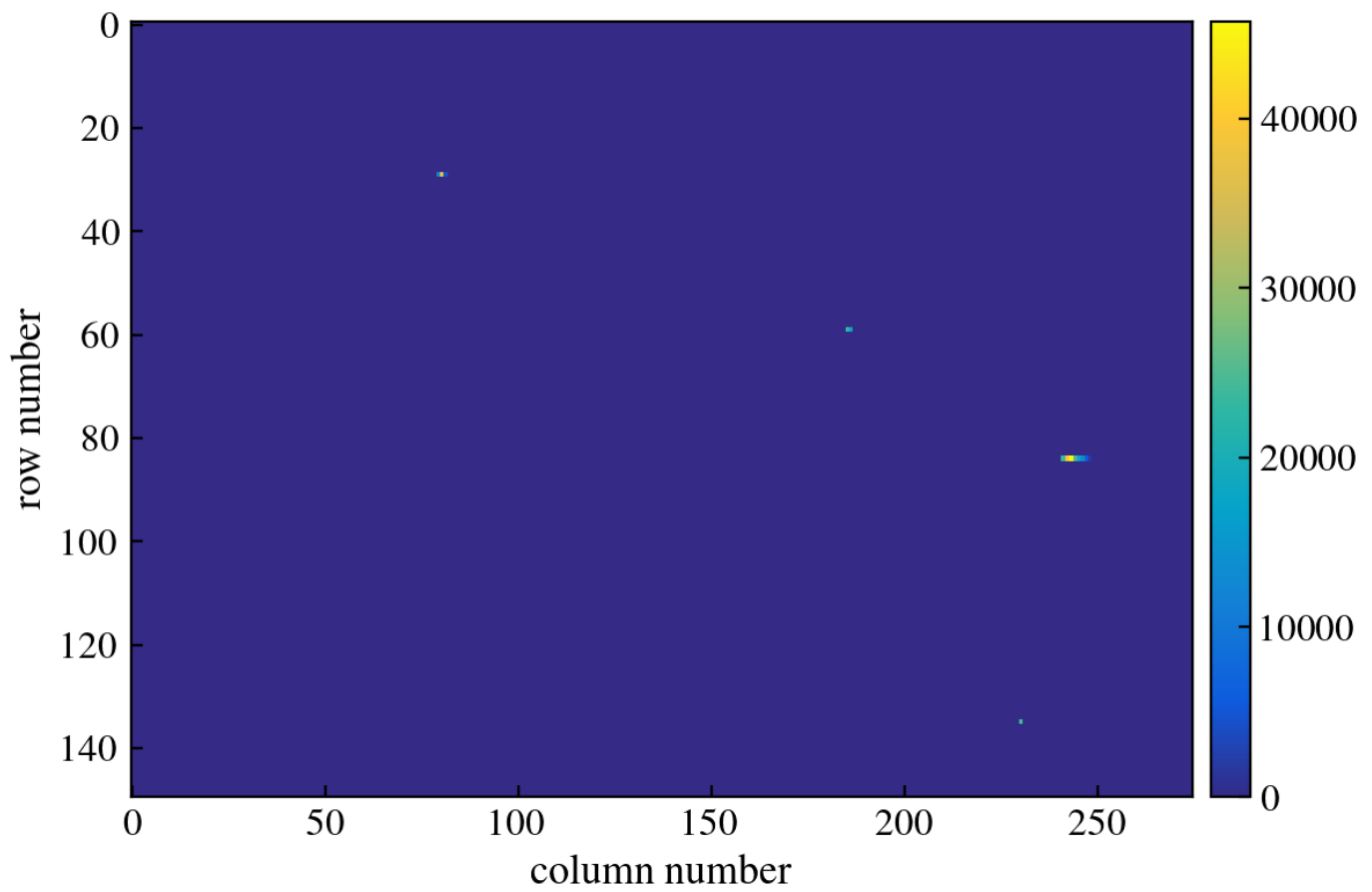


Figure 79: CCD Image

CCD Image: run 490, image 141
[class MECCDImage]

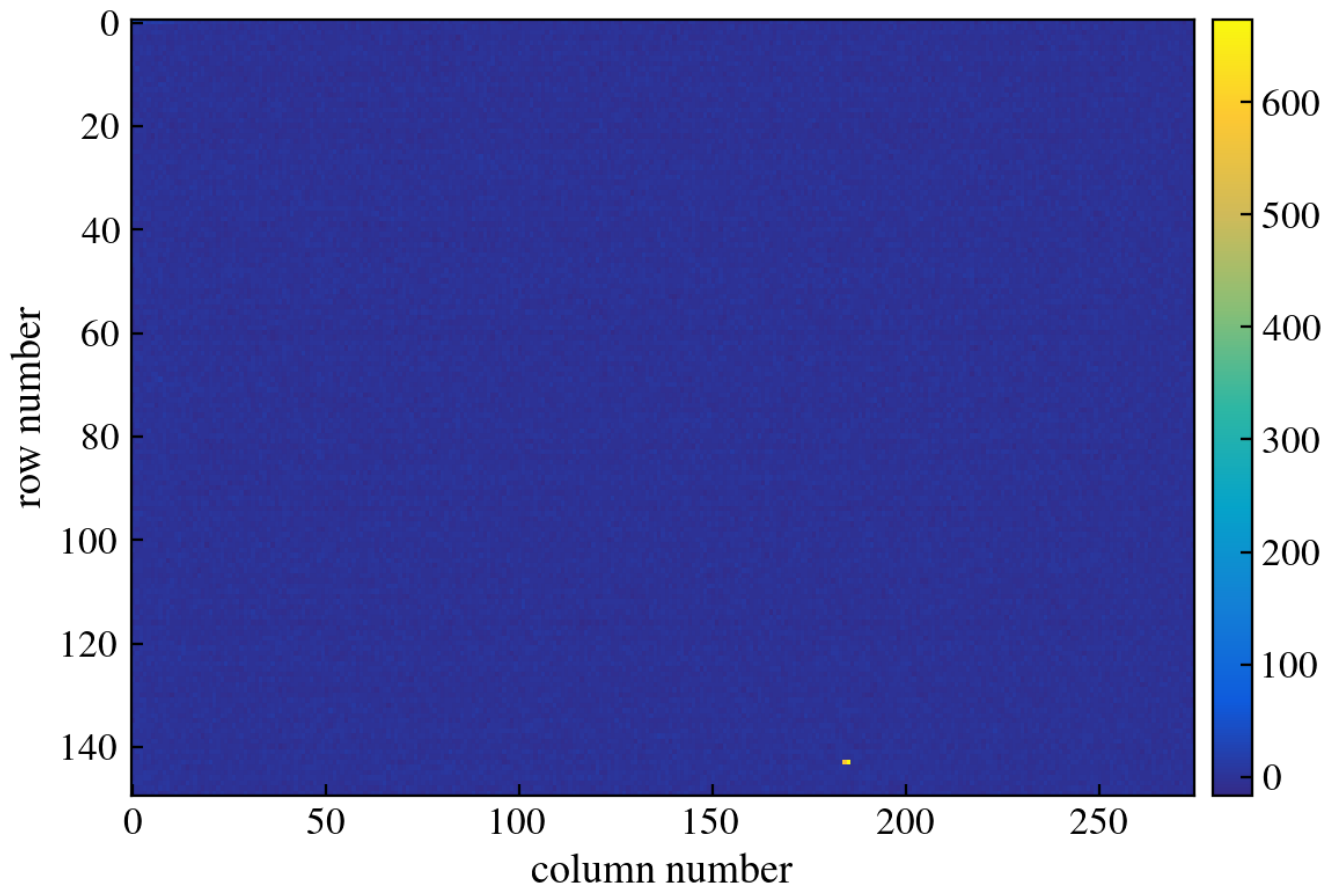


Figure 80: CCD Image

CCD Image: run 490, image 142
[class MECCDImage]

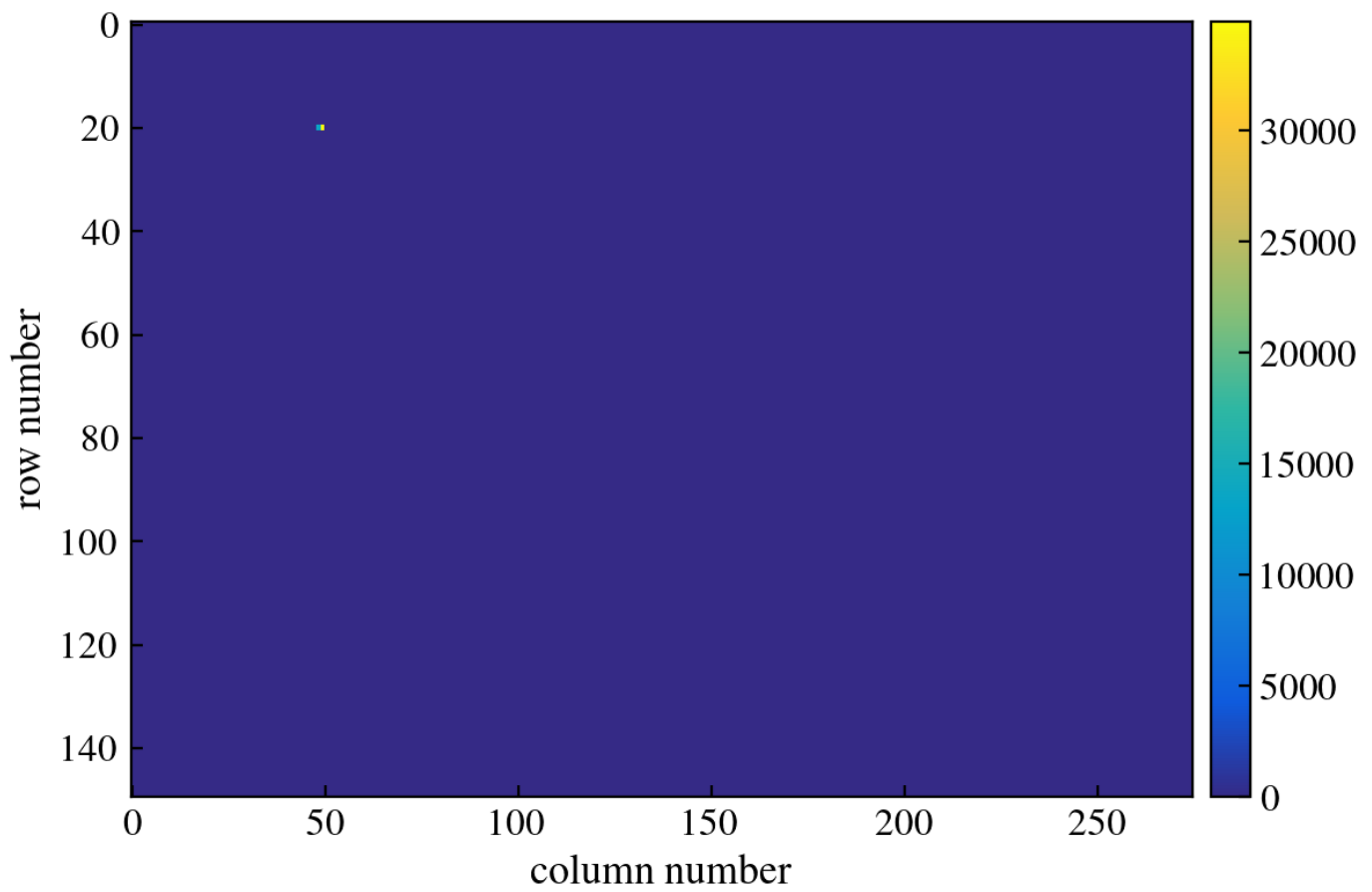


Figure 81: CCD Image

CCD Image: run 490, image 143
[class MECCDImage]

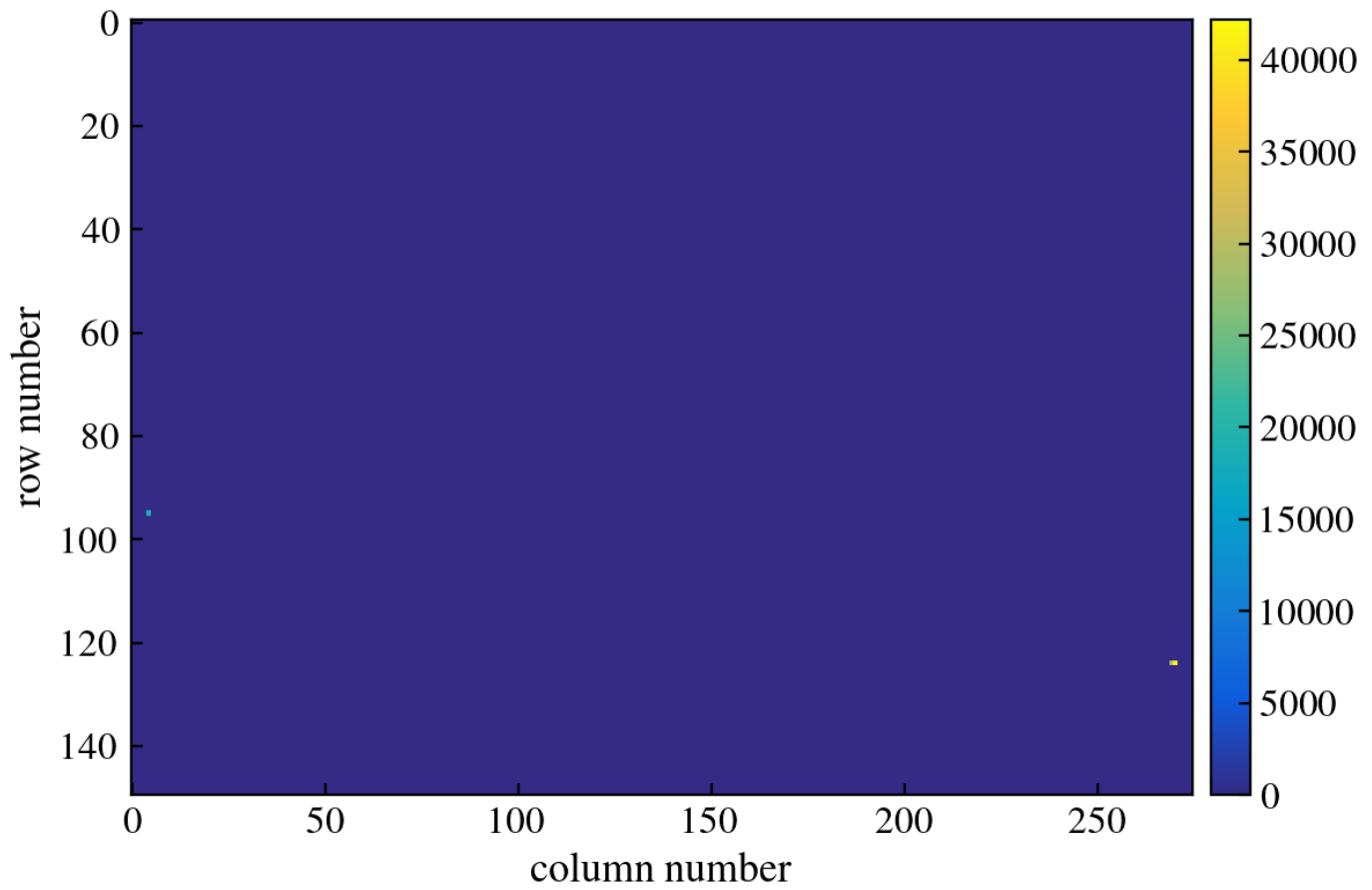


Figure 82: CCD Image

CCD Image: run 490, image 144
[class MECCDImage]

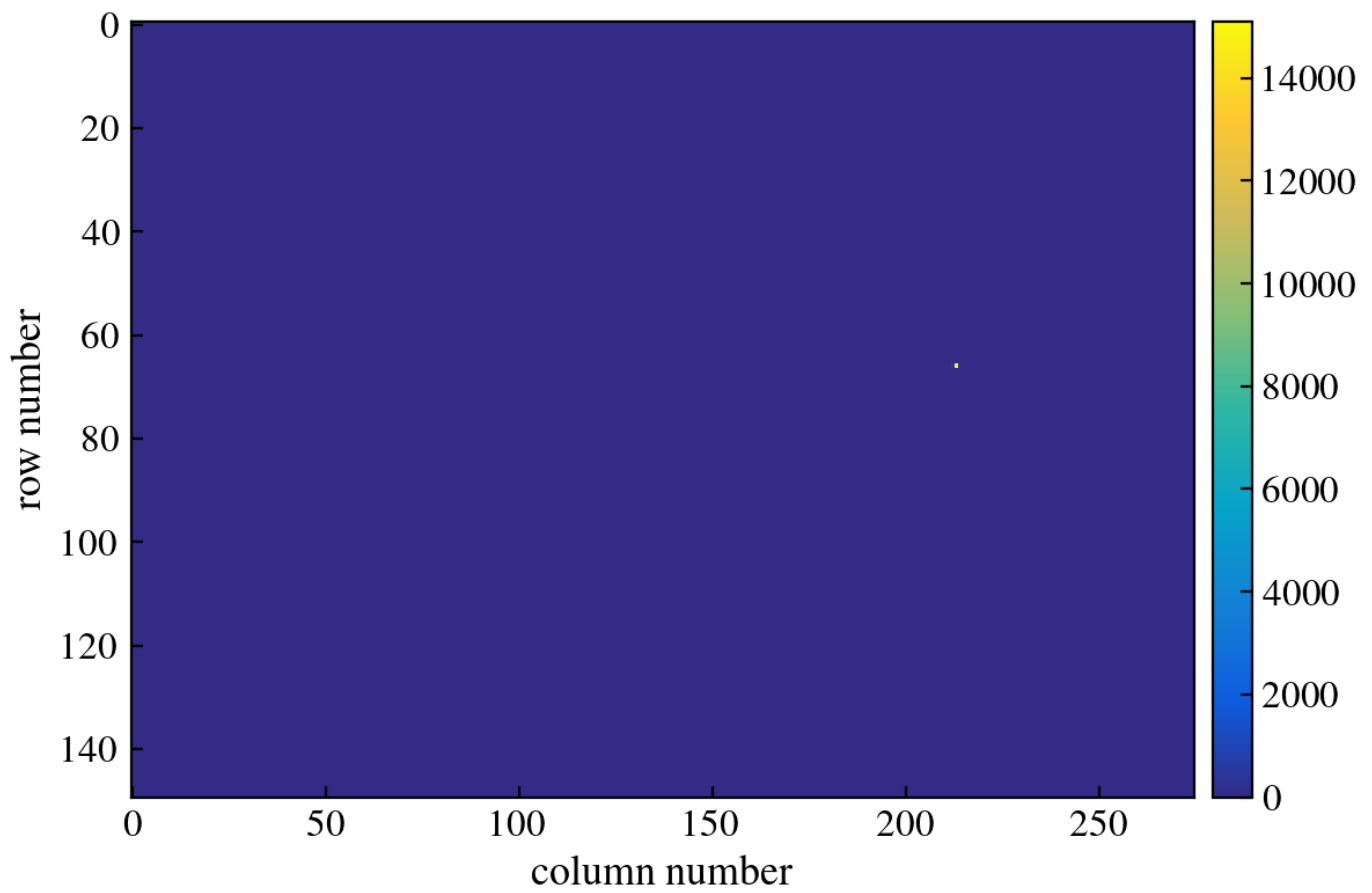


Figure 83: CCD Image

CCD Image: run 490, image 145
[class MECCDImage]

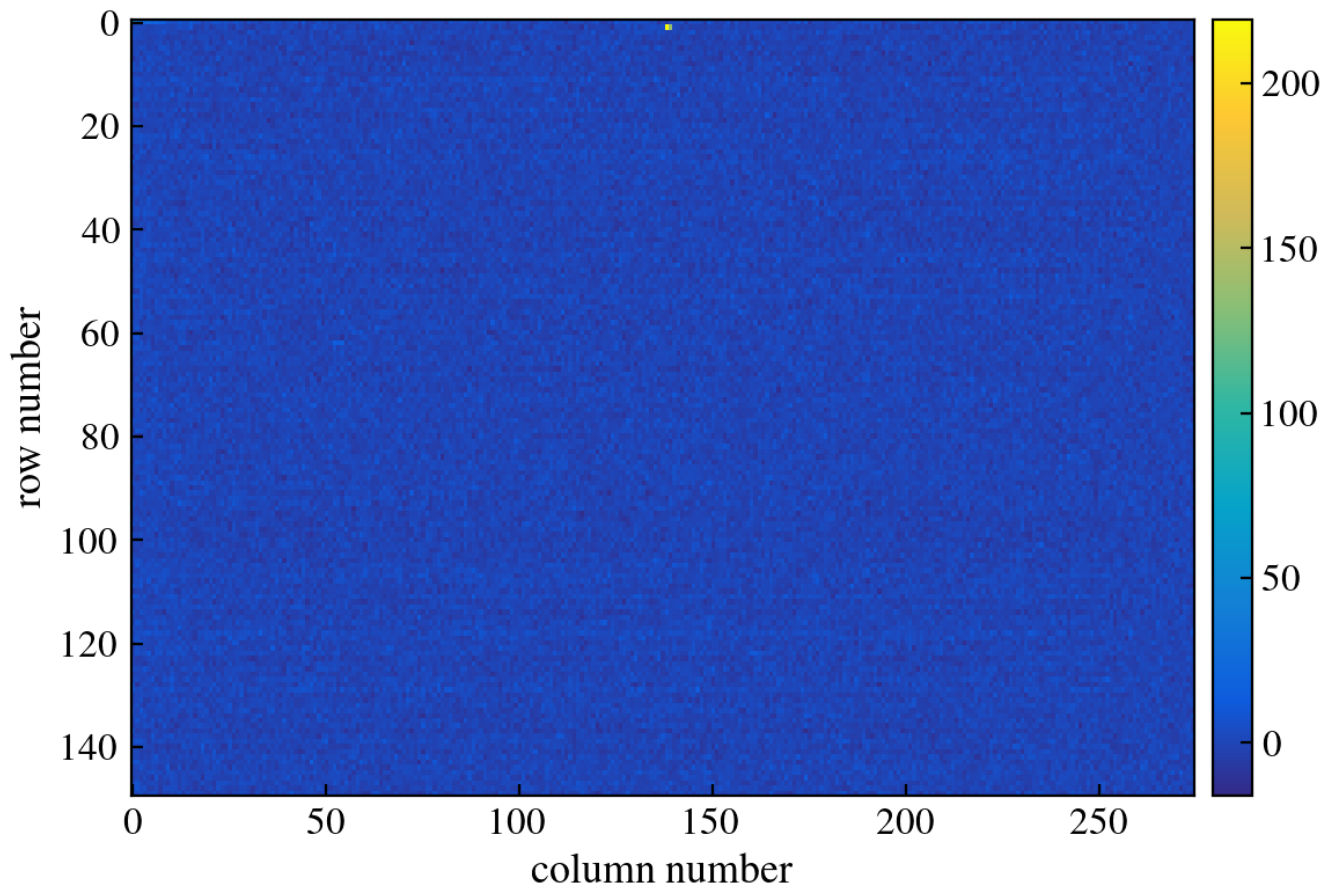


Figure 84: CCD Image

CCD Image: run 490, image 146
[class MECCDImage]

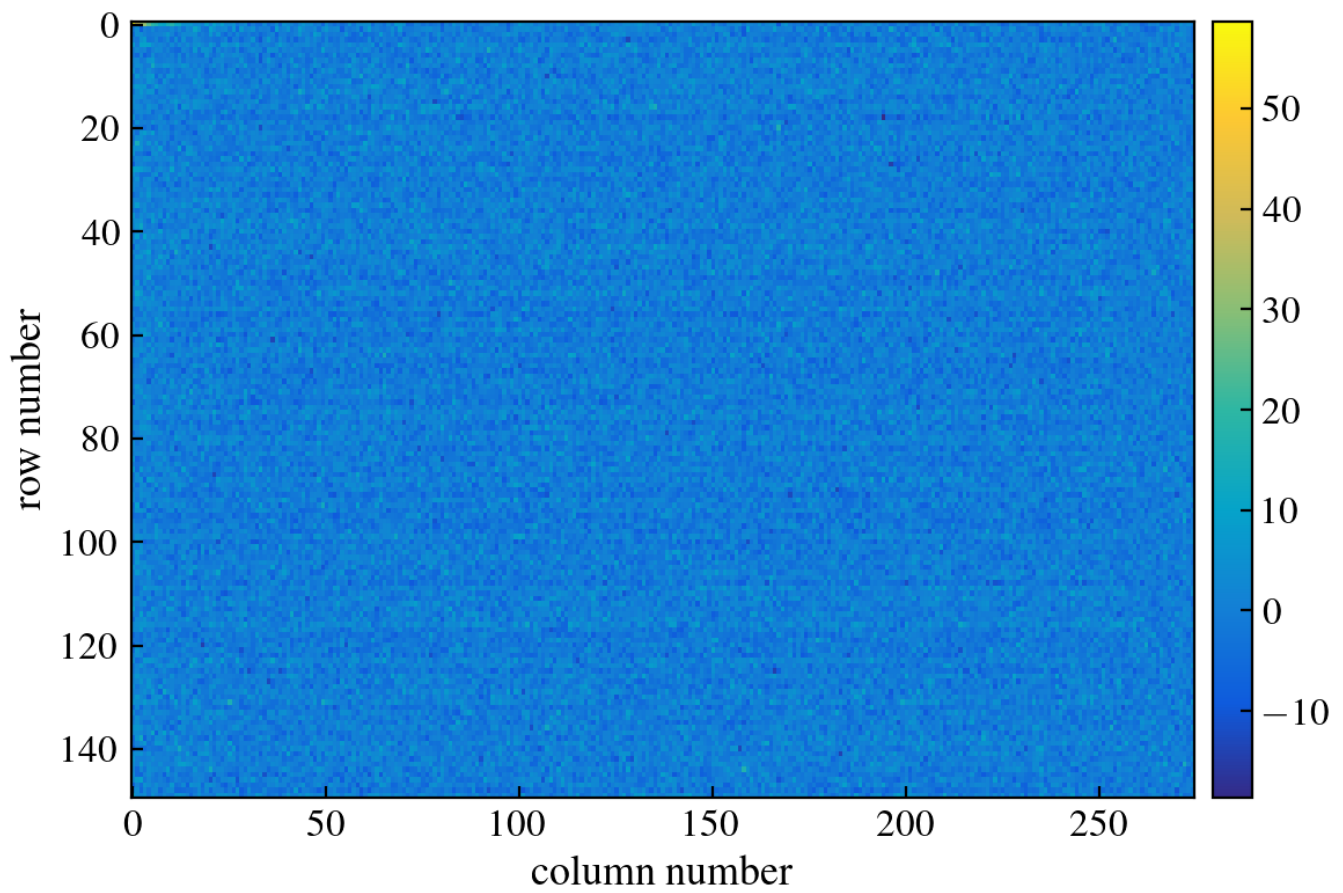


Figure 85: CCD Image

CCD Image: run 490, image 147
[class MECCDImage]

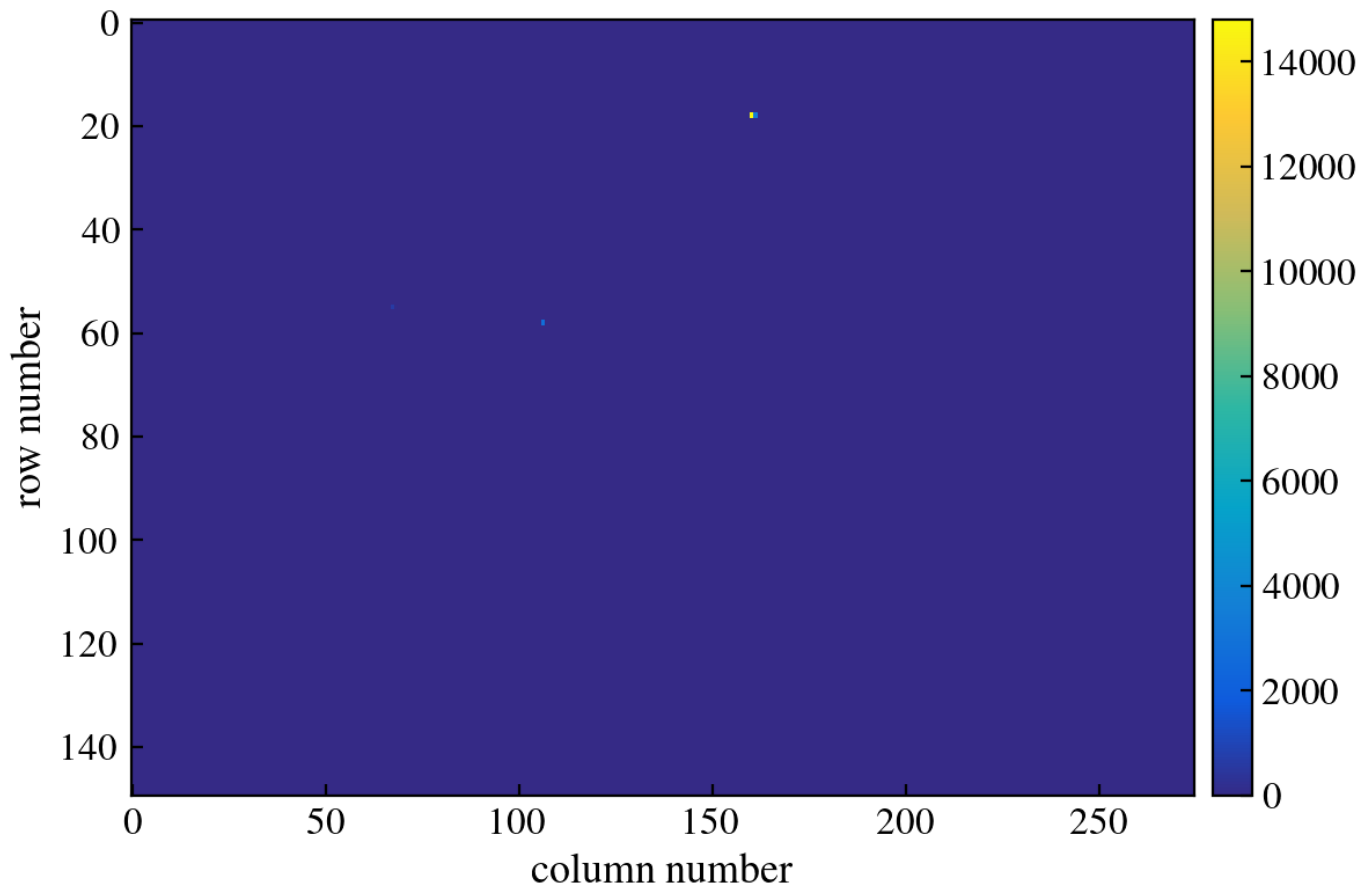


Figure 86: CCD Image

CCD Image: run 490, image 148
[class MECCDImage]

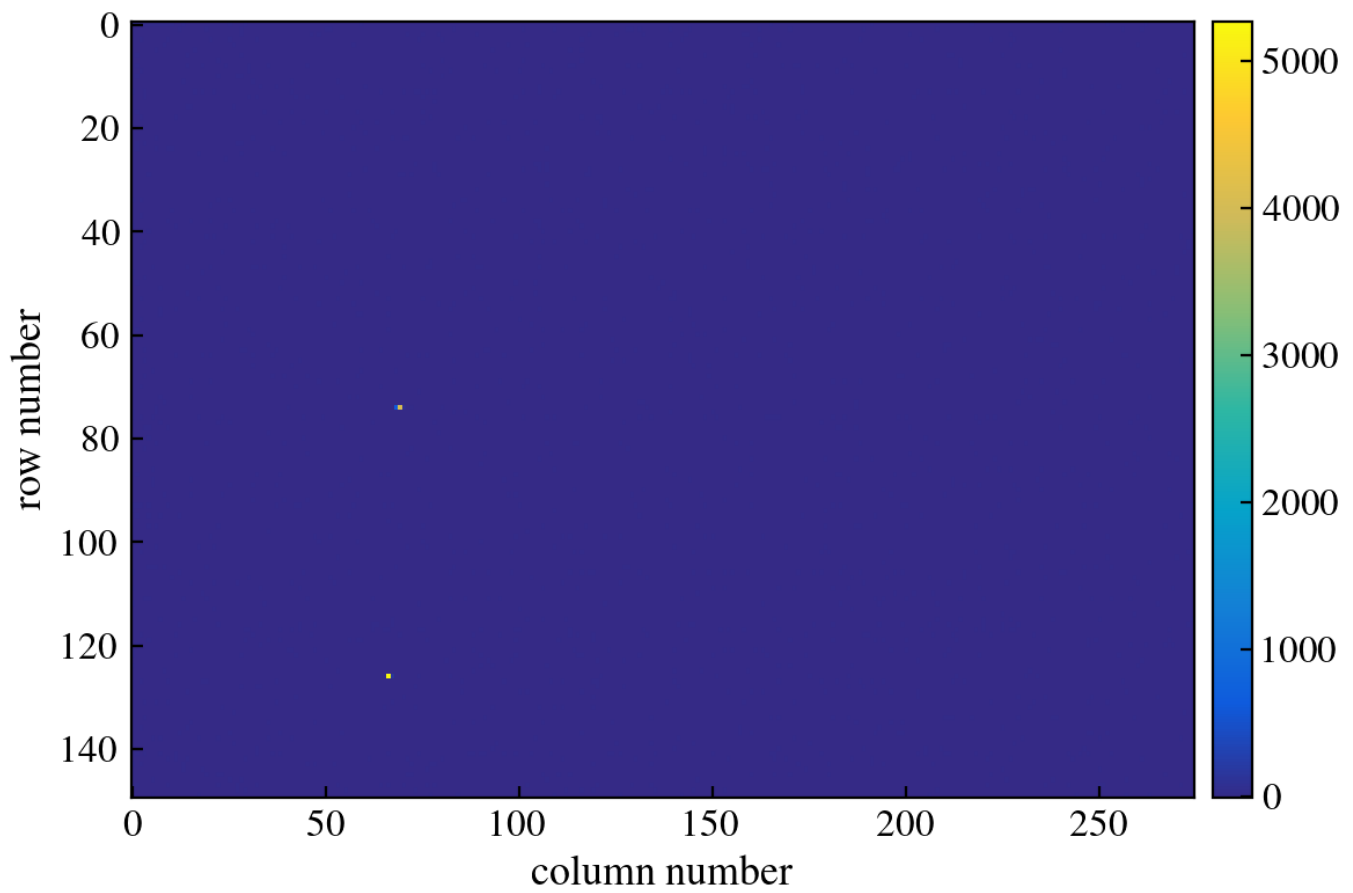


Figure 87: CCD Image

CCD Image: run 490, image 149
[class MECCDImage]

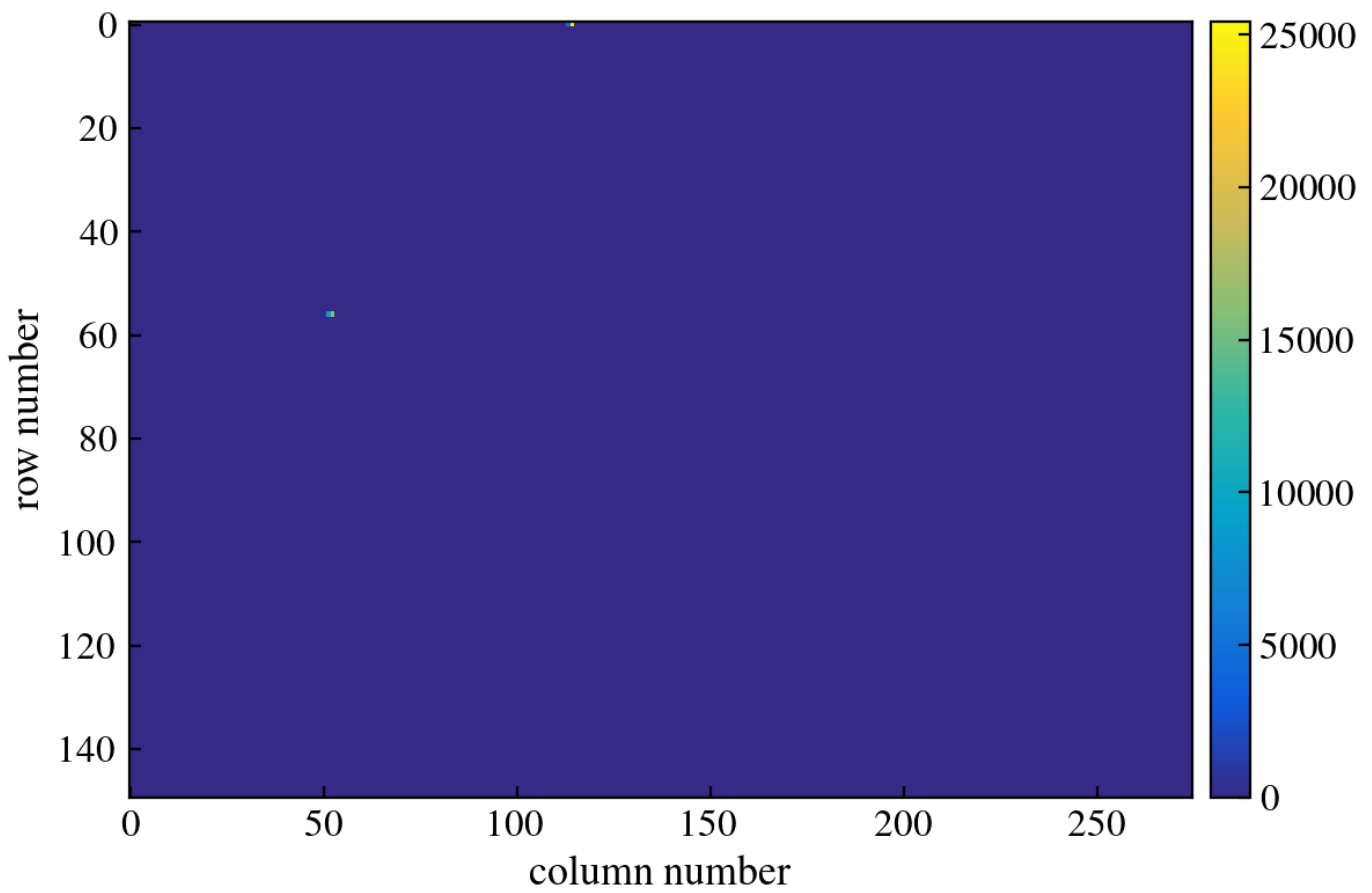


Figure 88: CCD Image

CCD Image: run 490, image 15
[class MECCDImage]

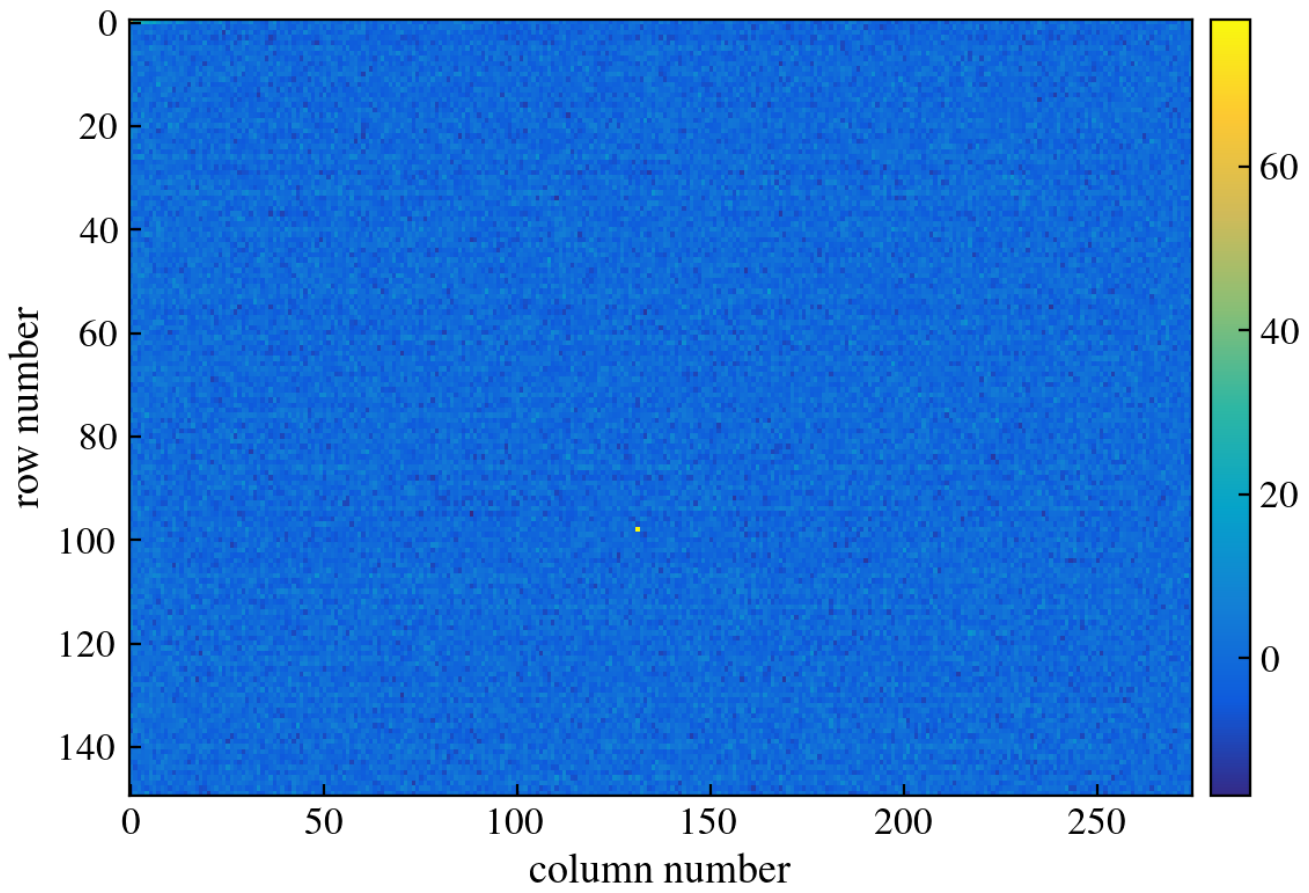


Figure 89: CCD Image

CCD Image: run 490, image 150
[class MECCDImage]

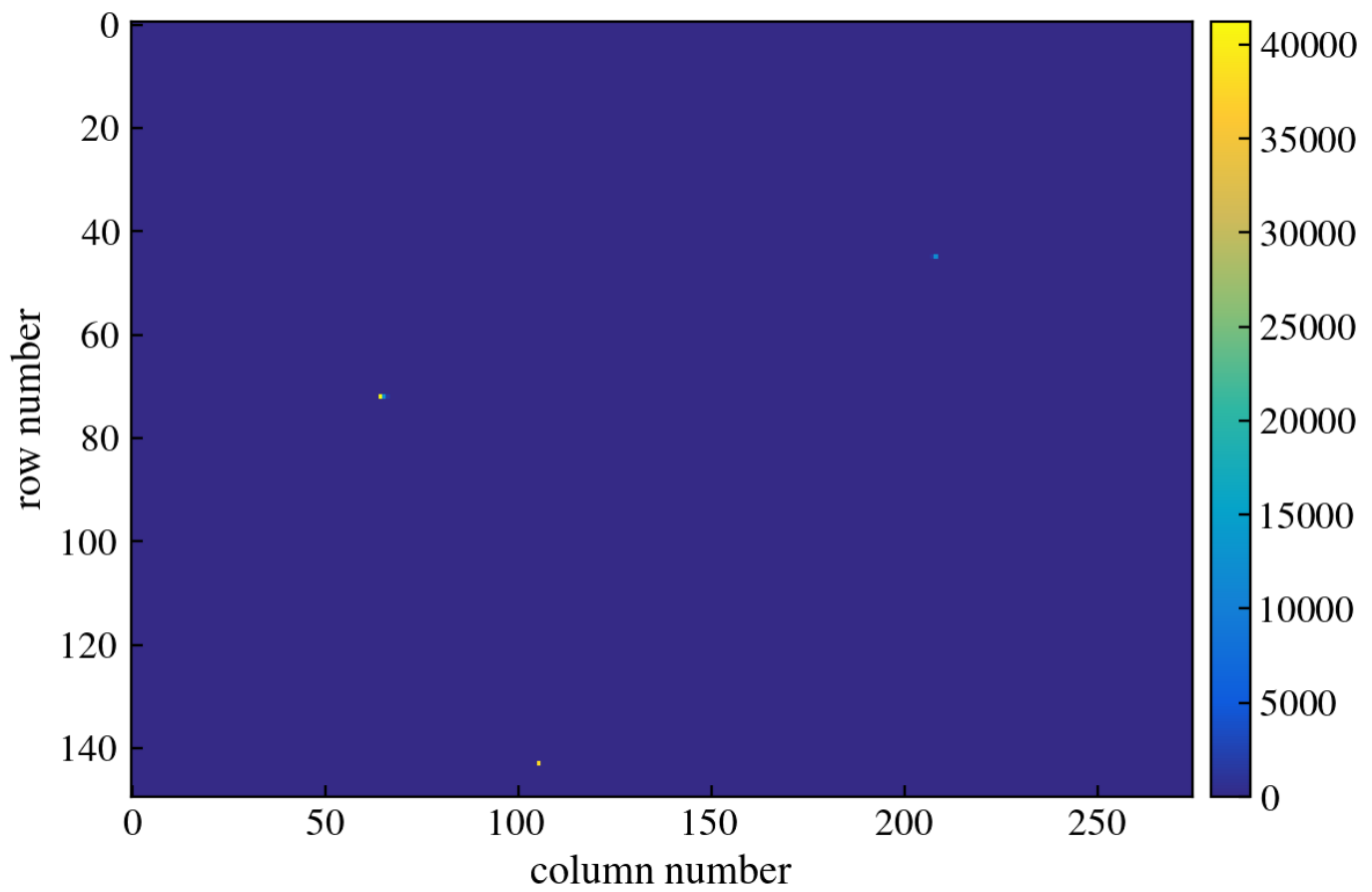


Figure 90: CCD Image

CCD Image: run 490, image 151
[class MECCDImage]

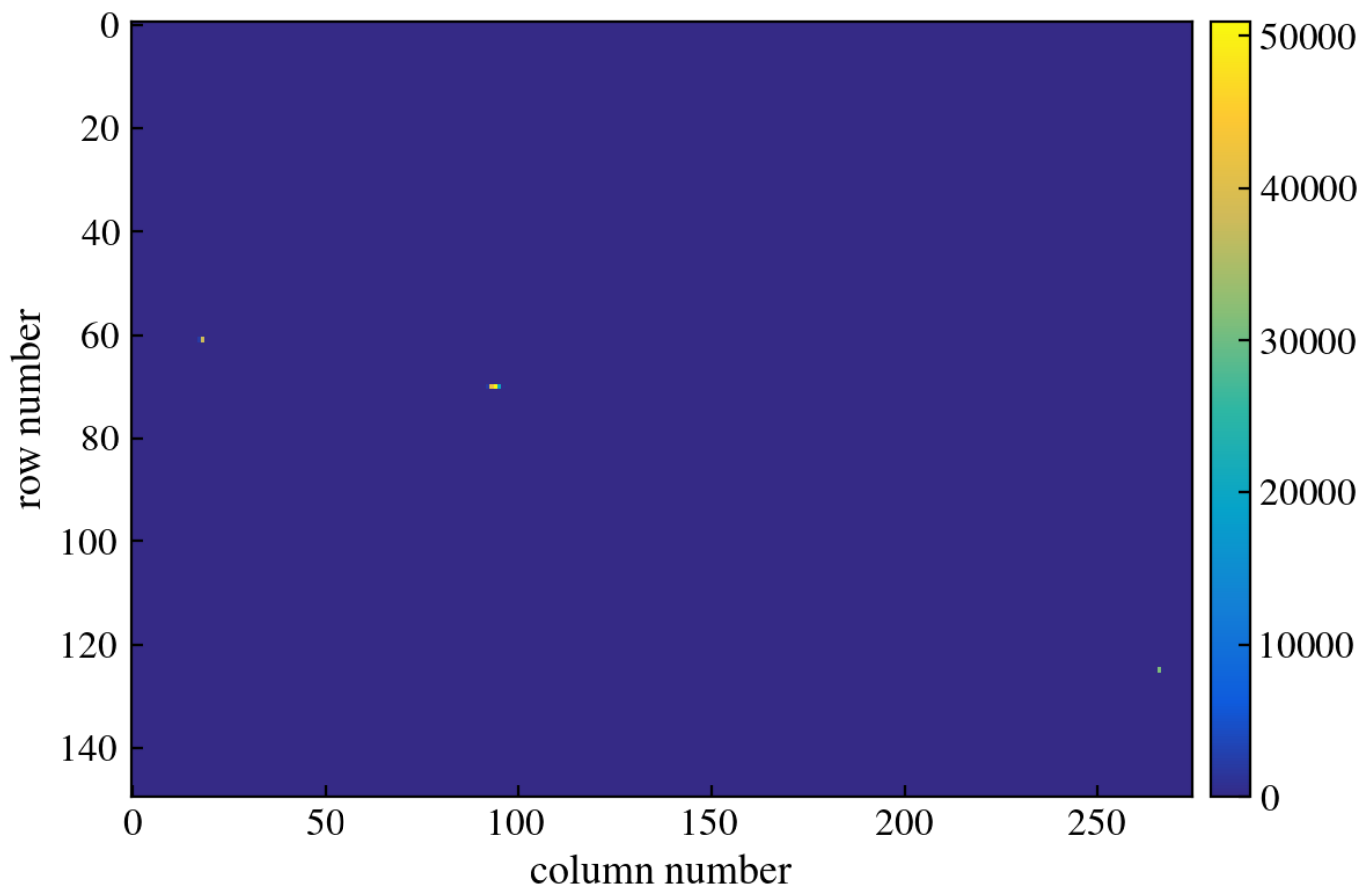


Figure 91: CCD Image

CCD Image: run 490, image 152
[class MECCDImage]

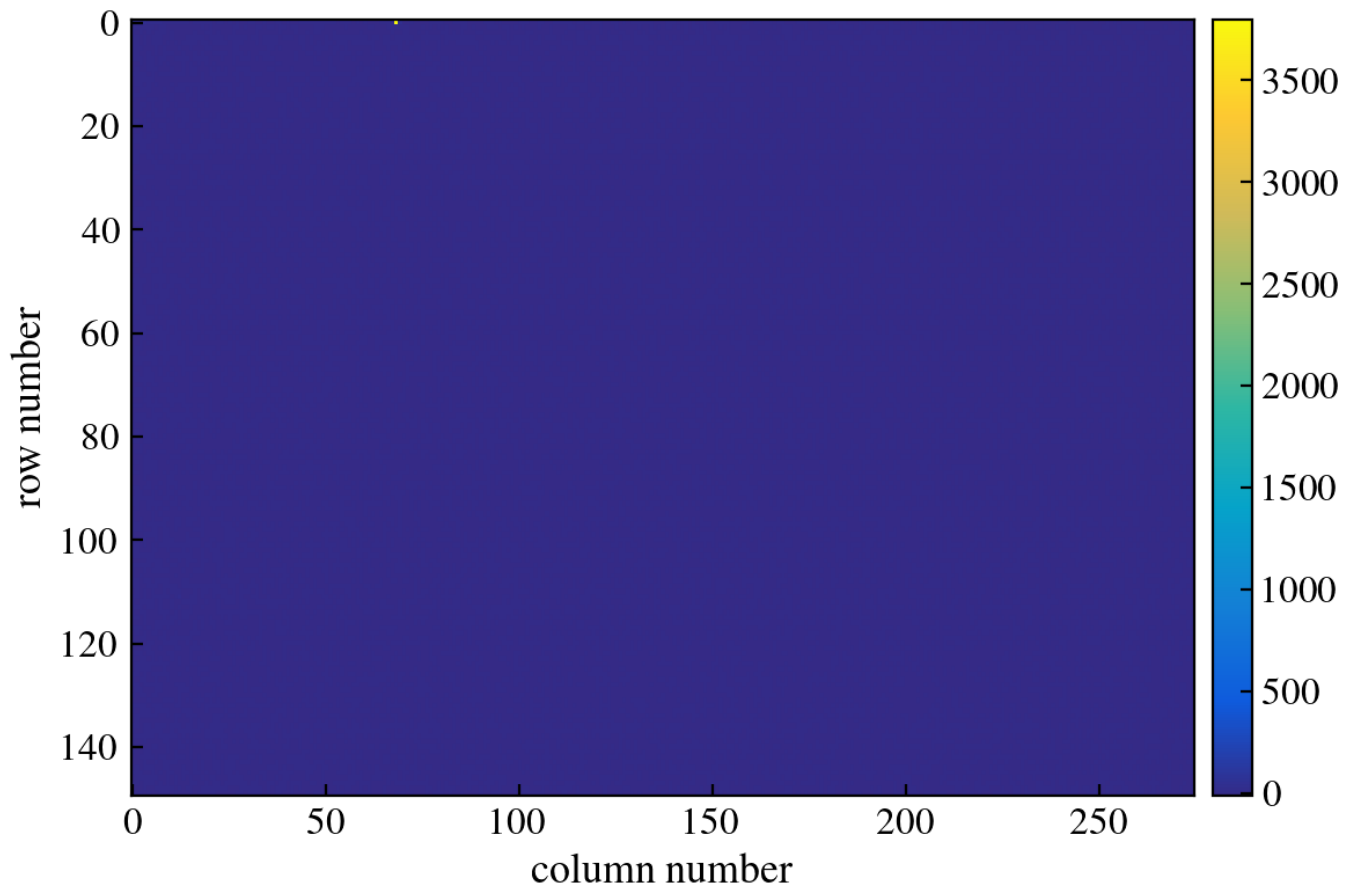


Figure 92: CCD Image

CCD Image: run 490, image 153
[class MECCDImage]

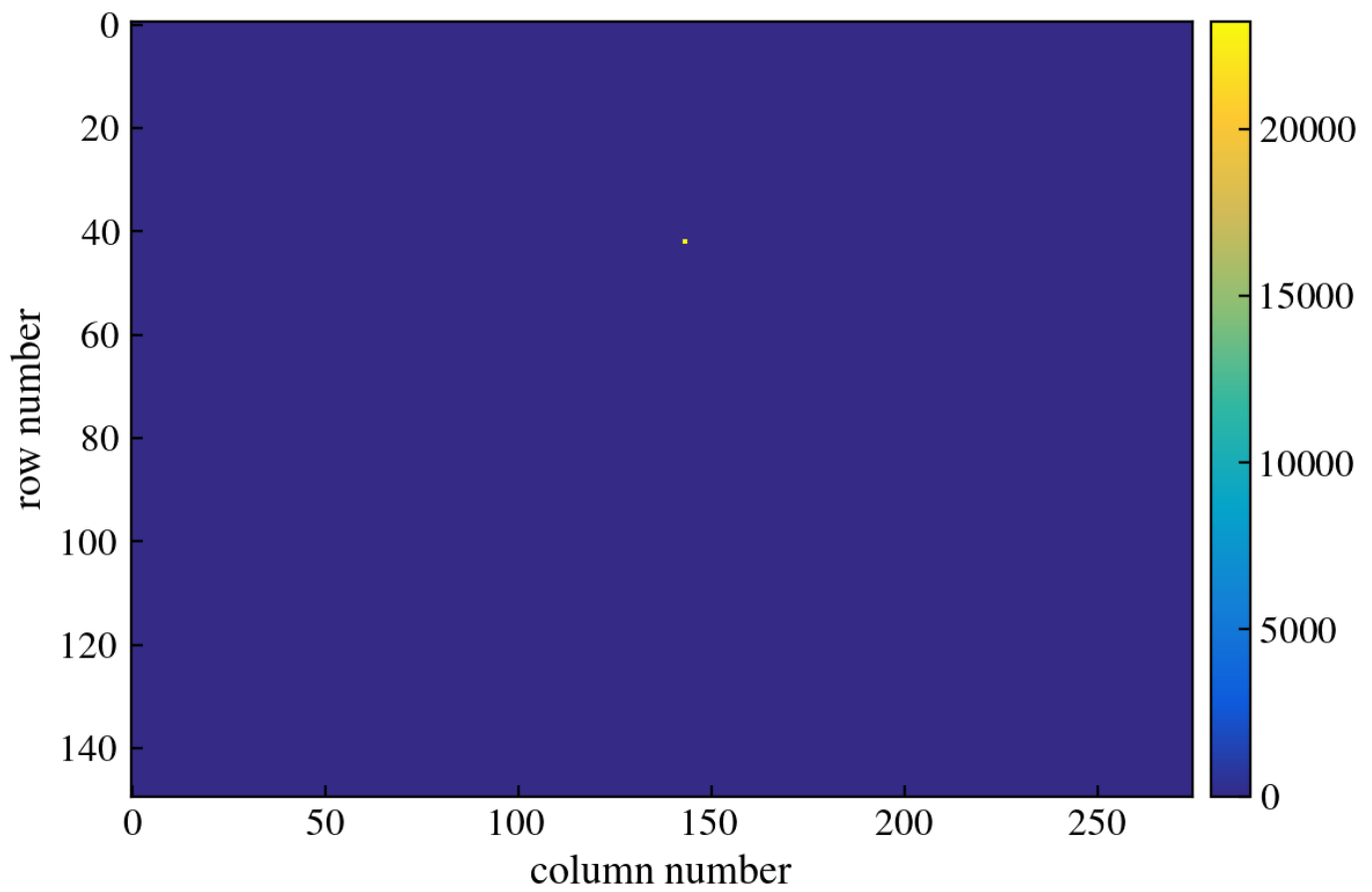


Figure 93: CCD Image

CCD Image: run 490, image 154
[class MECCDImage]

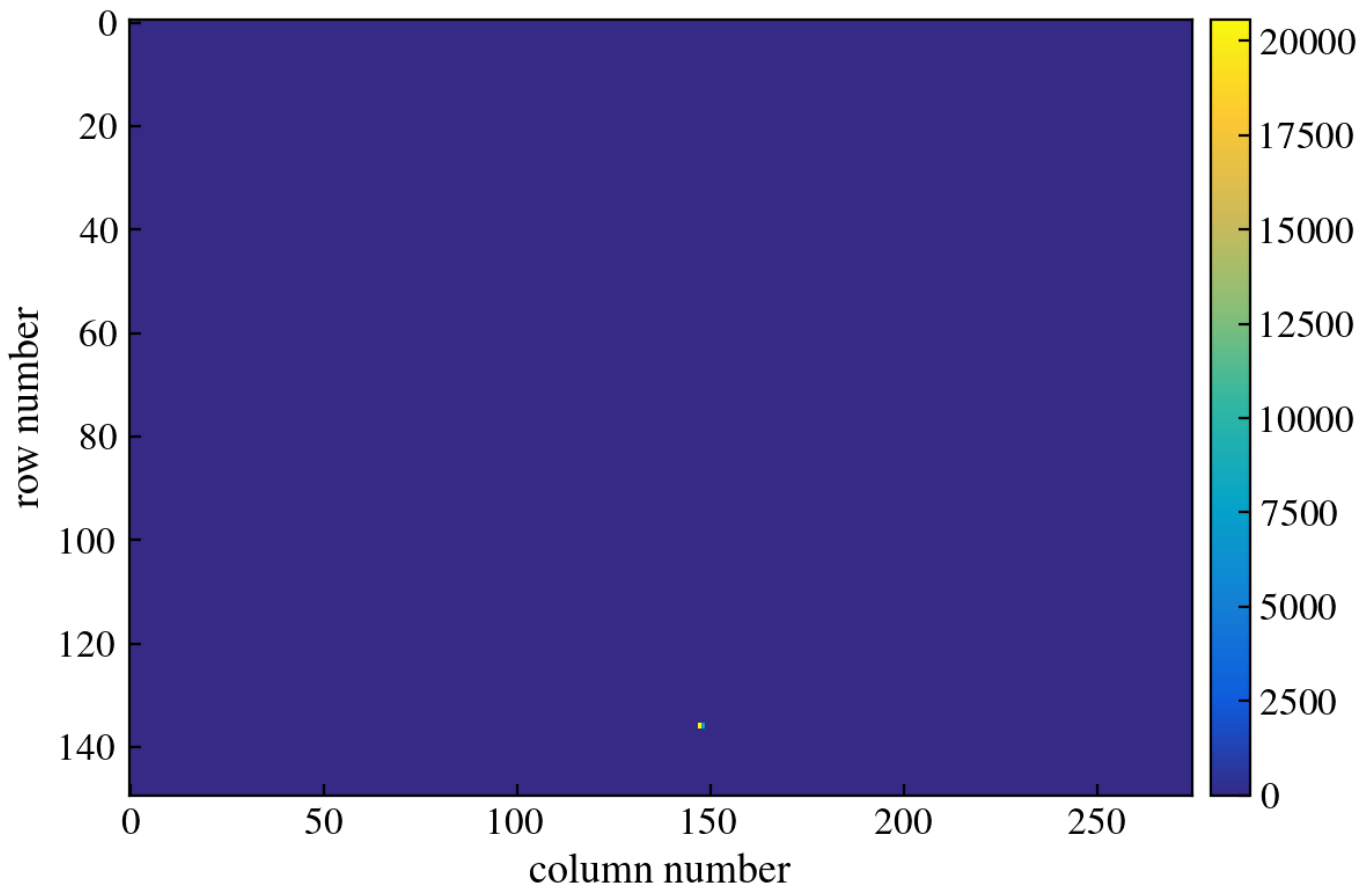


Figure 94: CCD Image

CCD Image: run 490, image 155
[class MECCDImage]

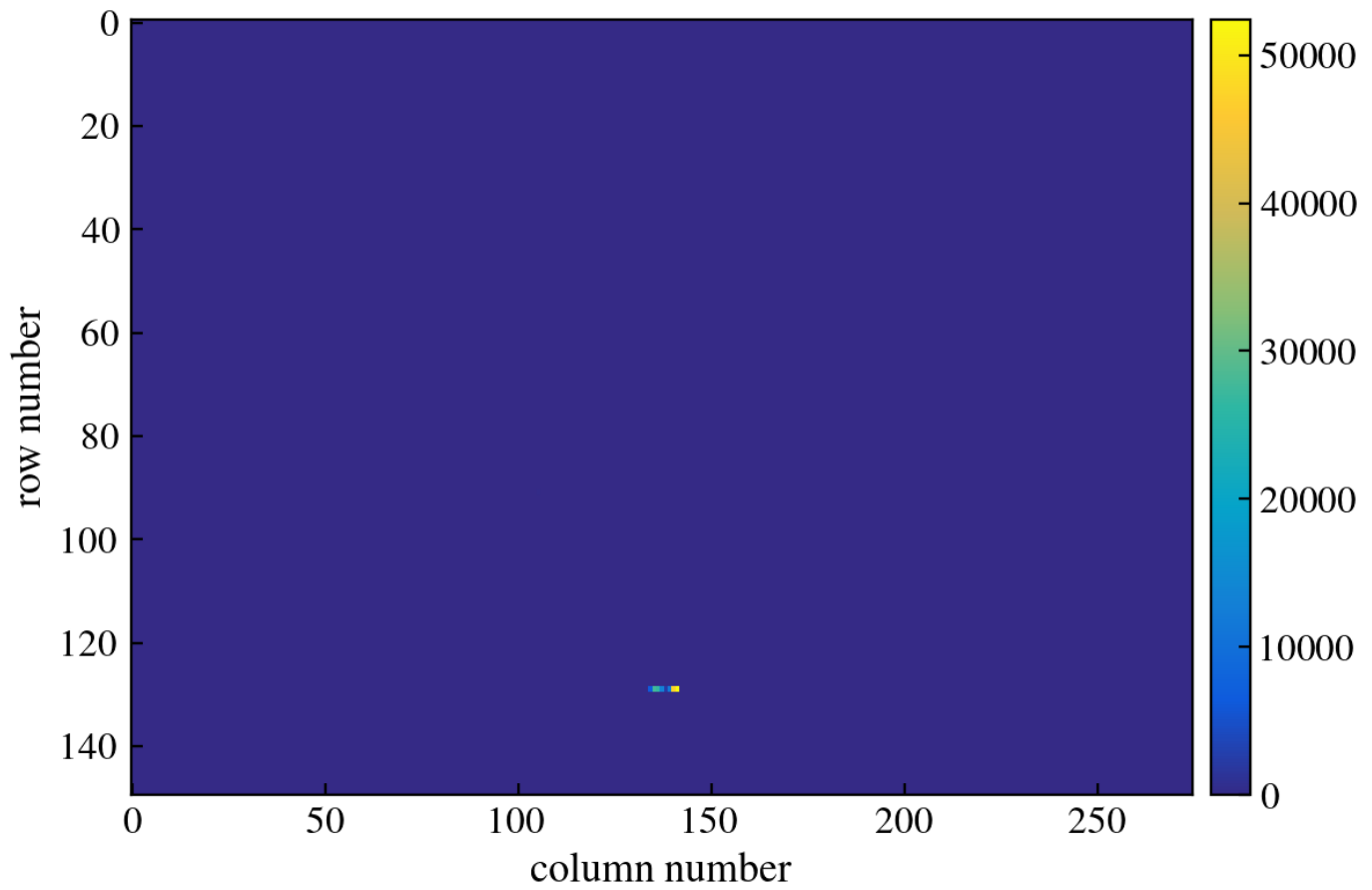


Figure 95: CCD Image

CCD Image: run 490, image 156
[class MECCDImage]

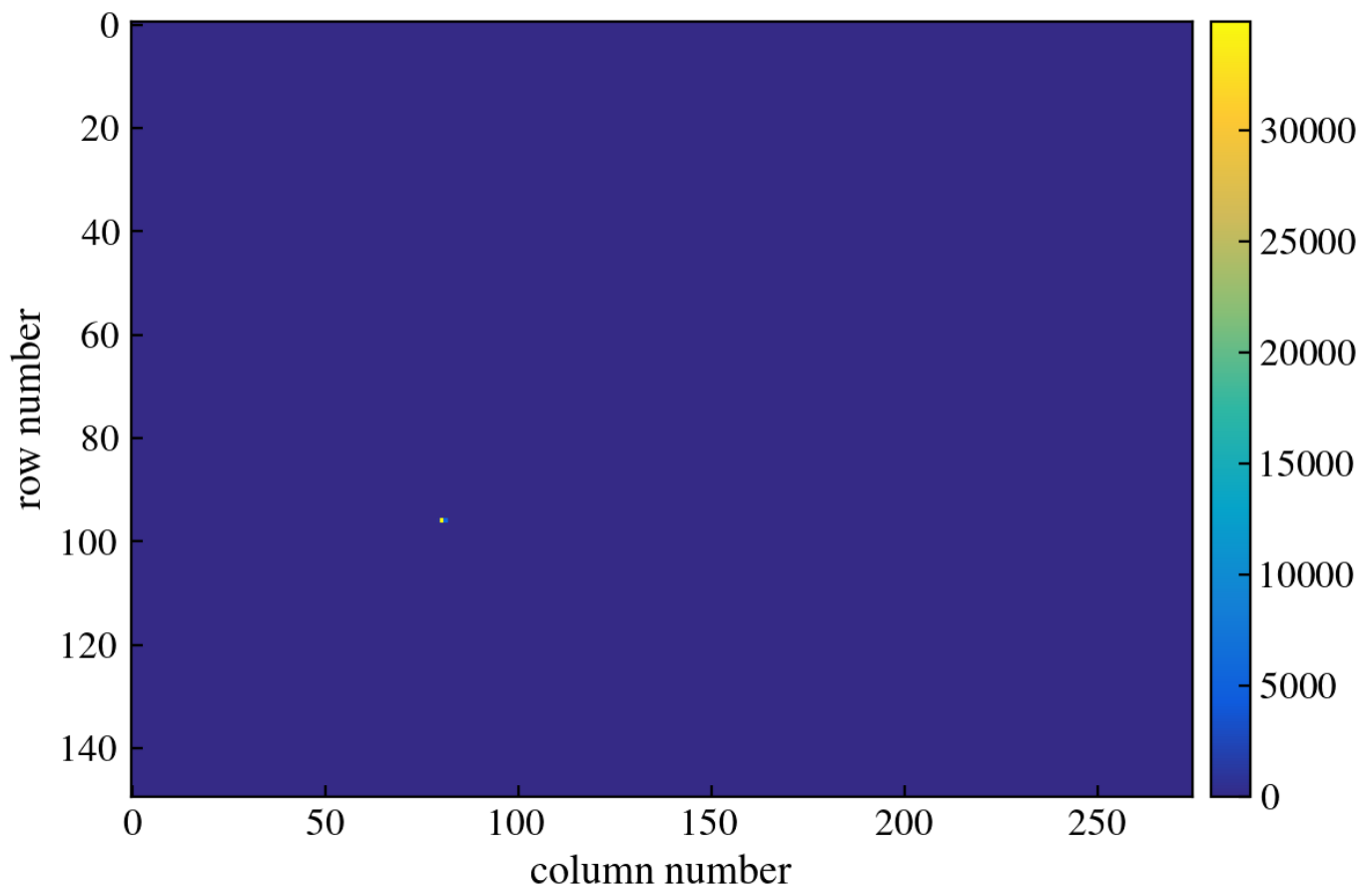


Figure 96: CCD Image

CCD Image: run 490, image 157
[class MECCDImage]

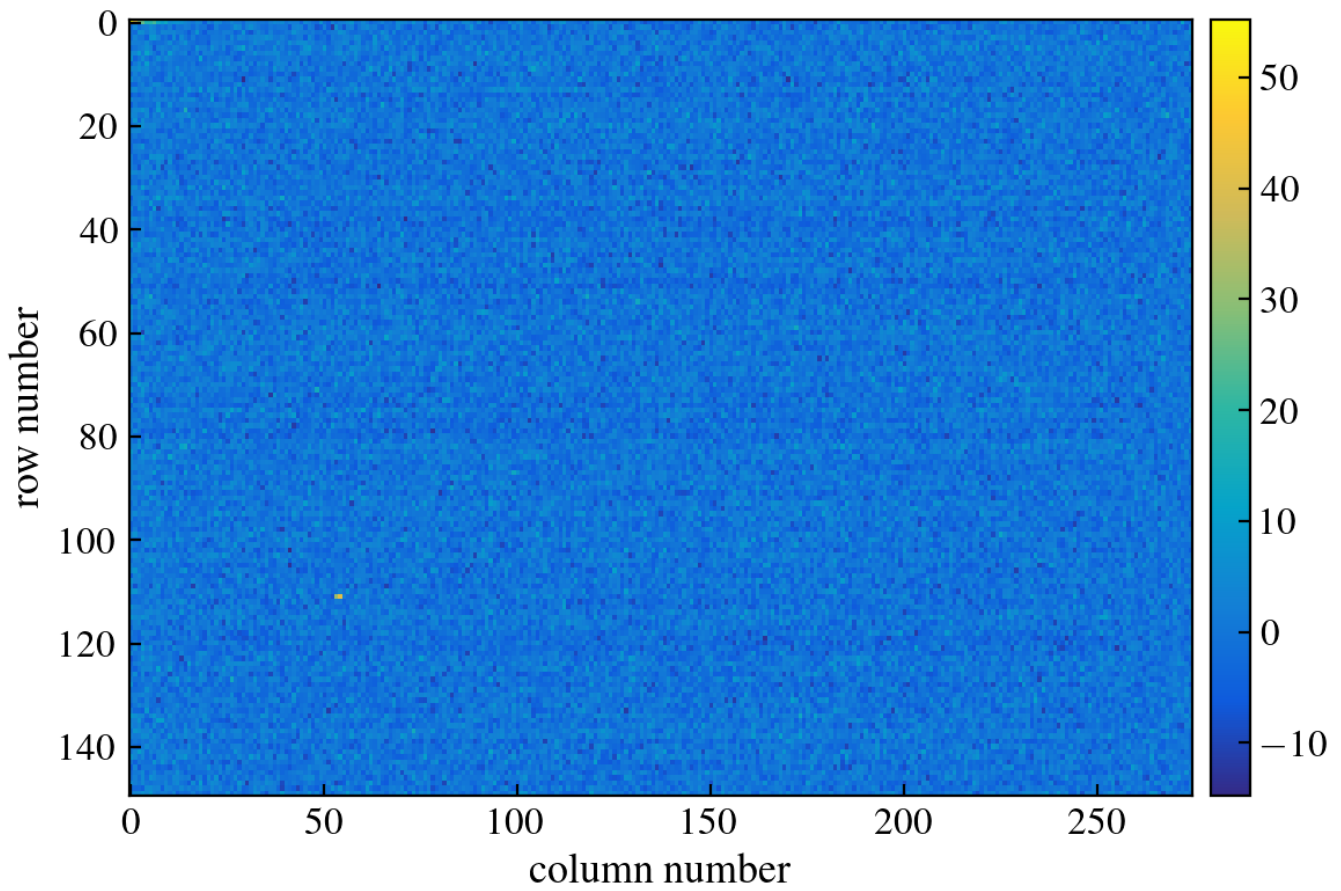


Figure 97: CCD Image

CCD Image: run 490, image 158
[class MECCDImage]

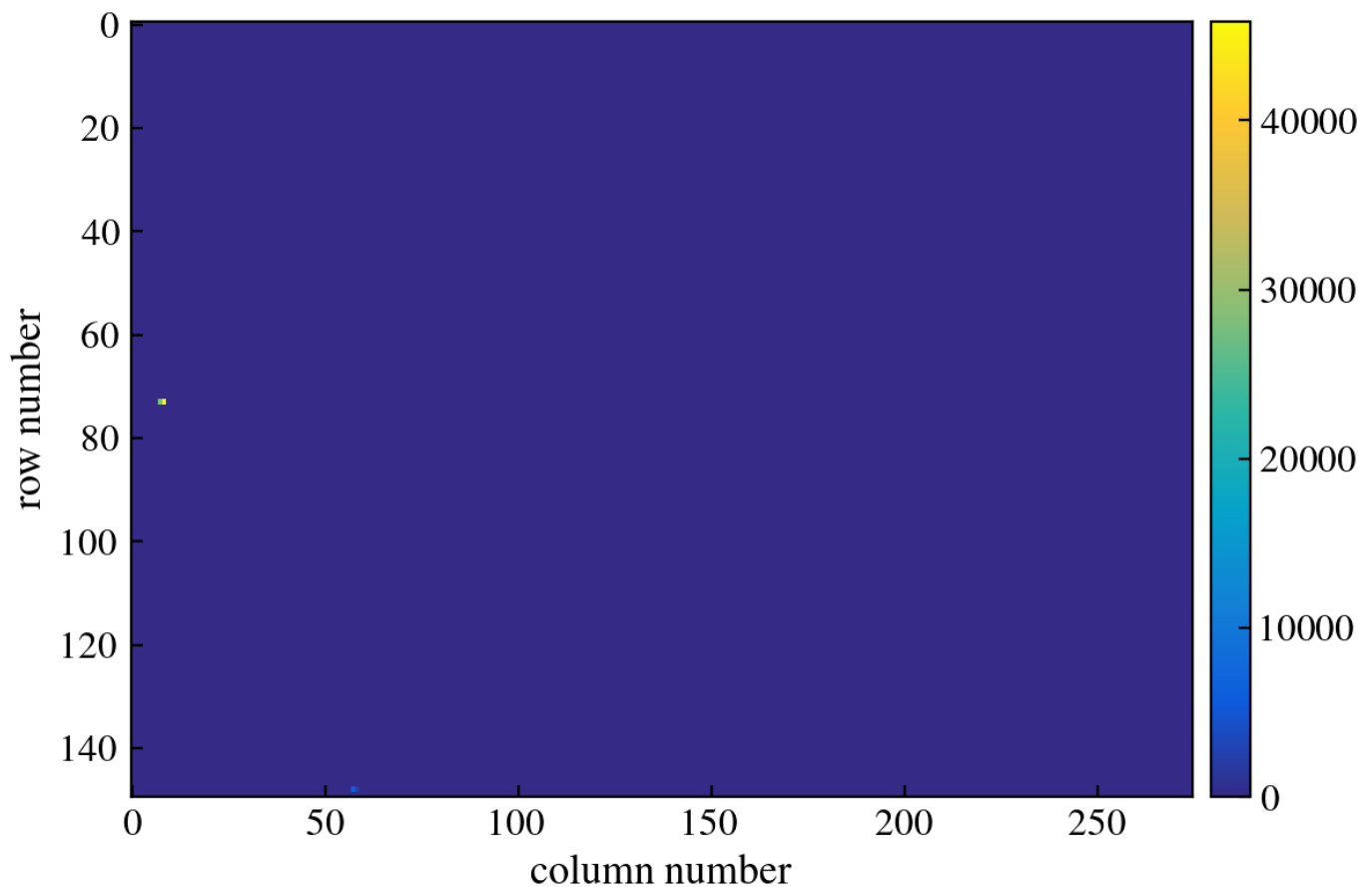


Figure 98: CCD Image

CCD Image: run 490, image 159
[class MECCDImage]

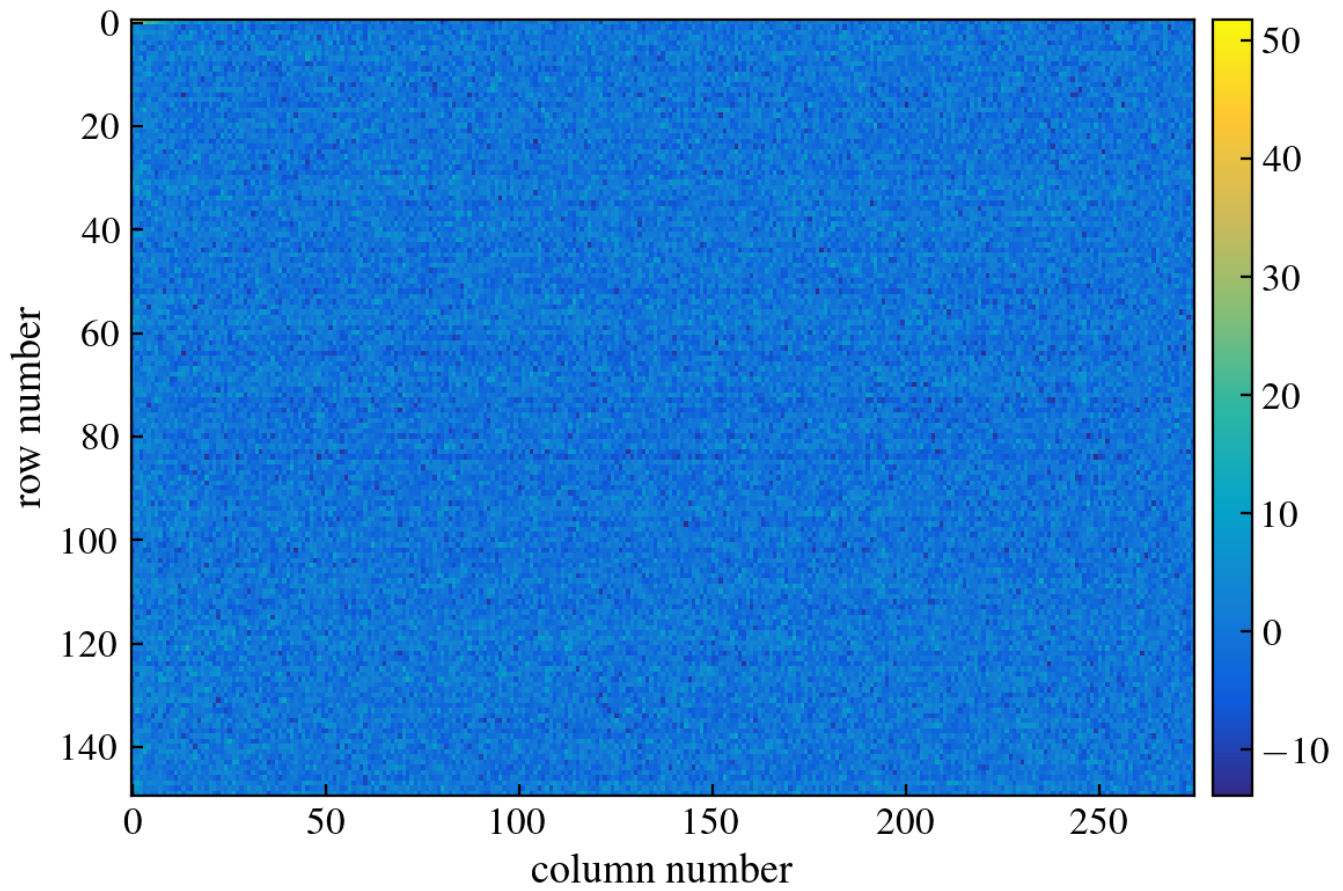


Figure 99: CCD Image

CCD Image: run 490, image 16
[class MECCDImage]

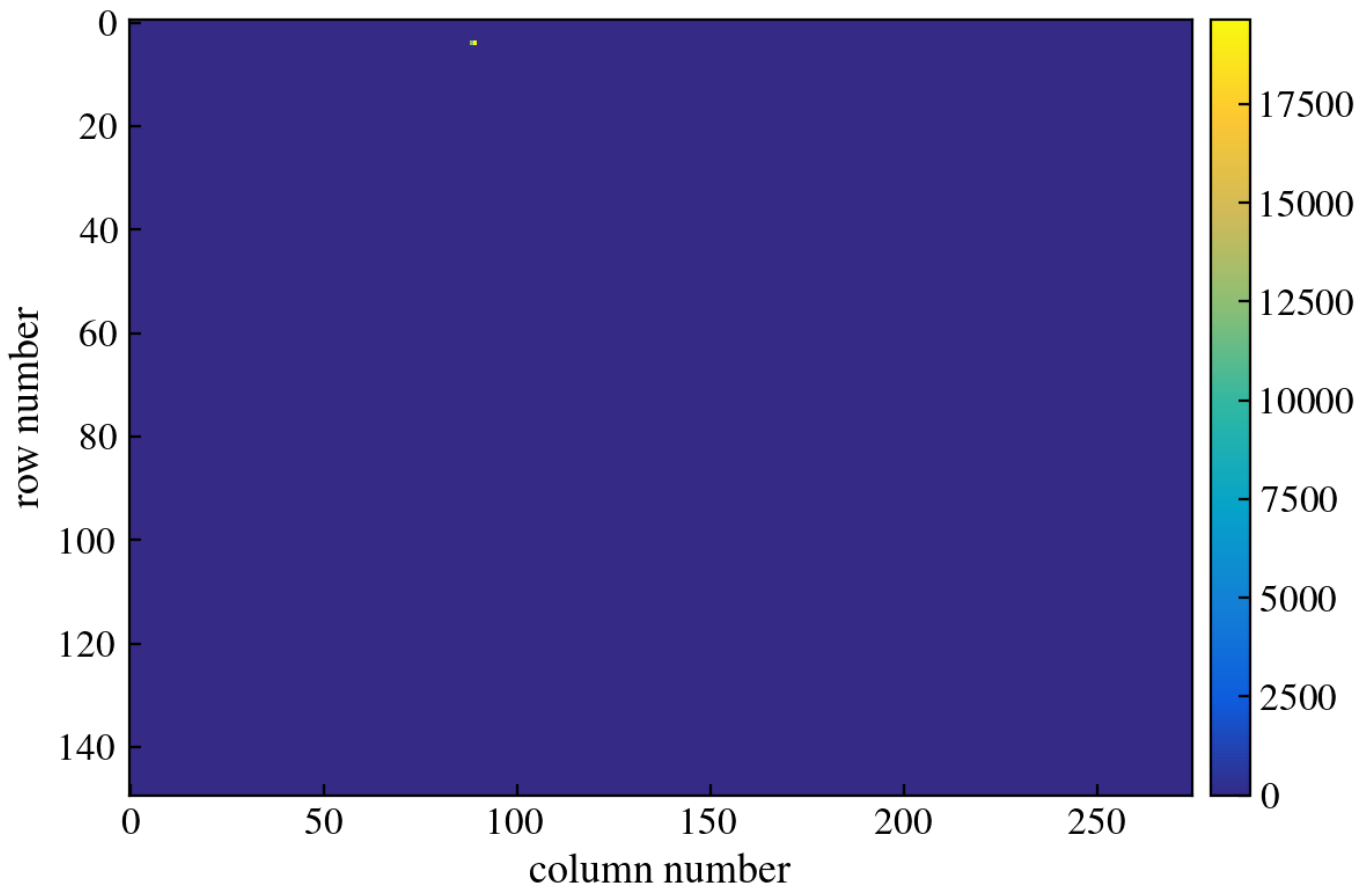


Figure 100: CCD Image

CCD Image: run 490, image 160
[class MECCDImage]

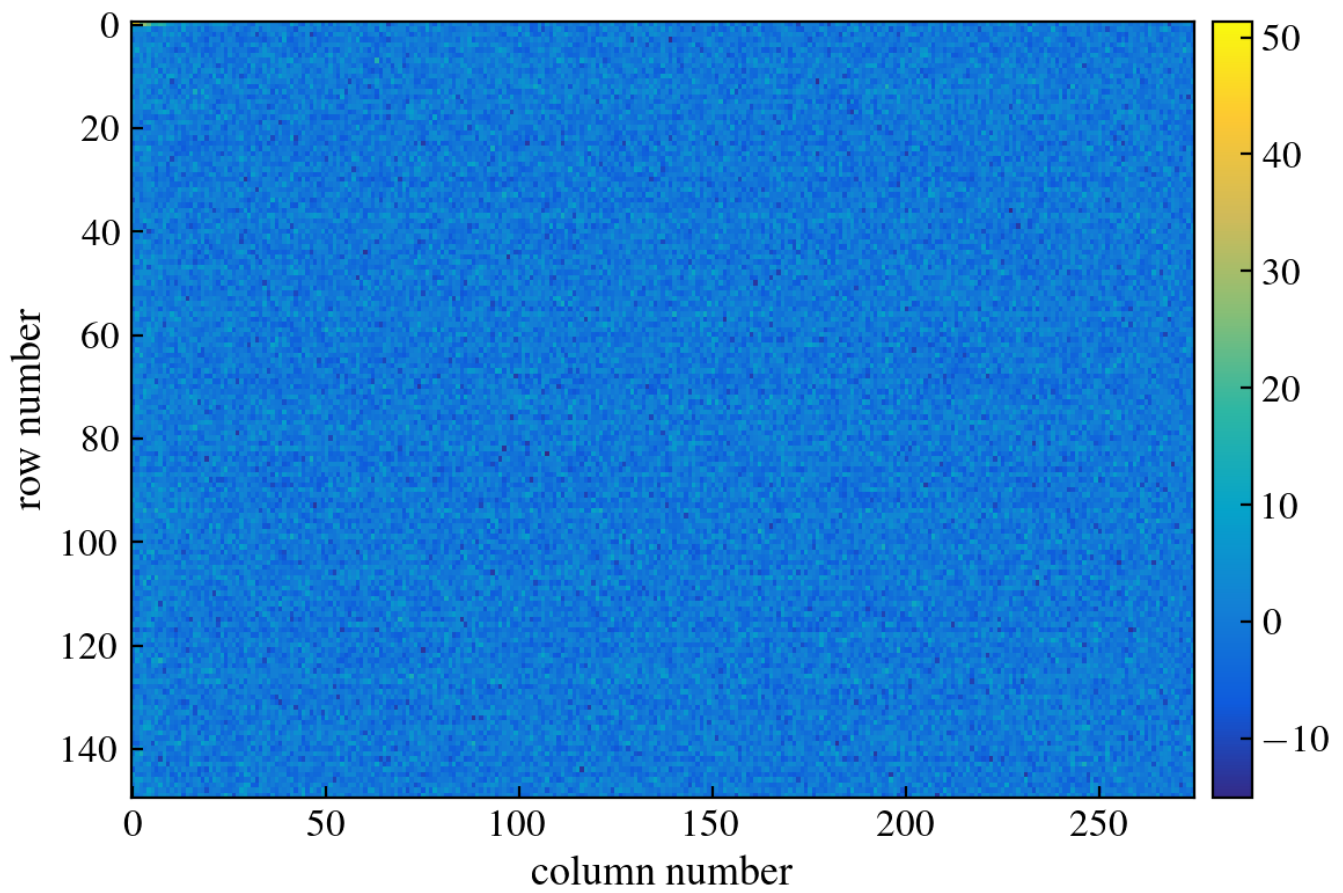


Figure 101: CCD Image

CCD Image: run 490, image 161
[class MECCDImage]

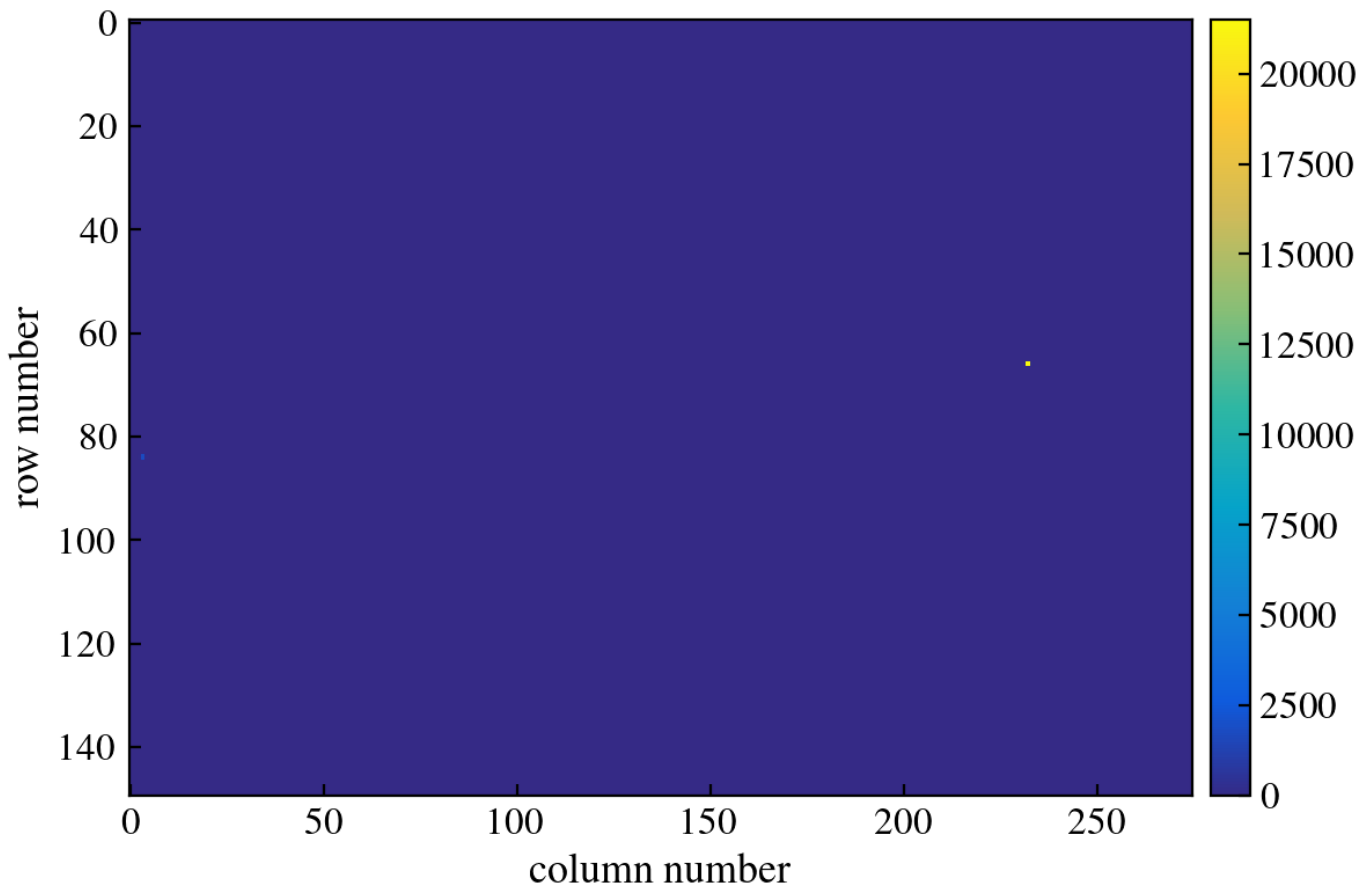


Figure 102: CCD Image

CCD Image: run 490, image 162
[class MECCDImage]

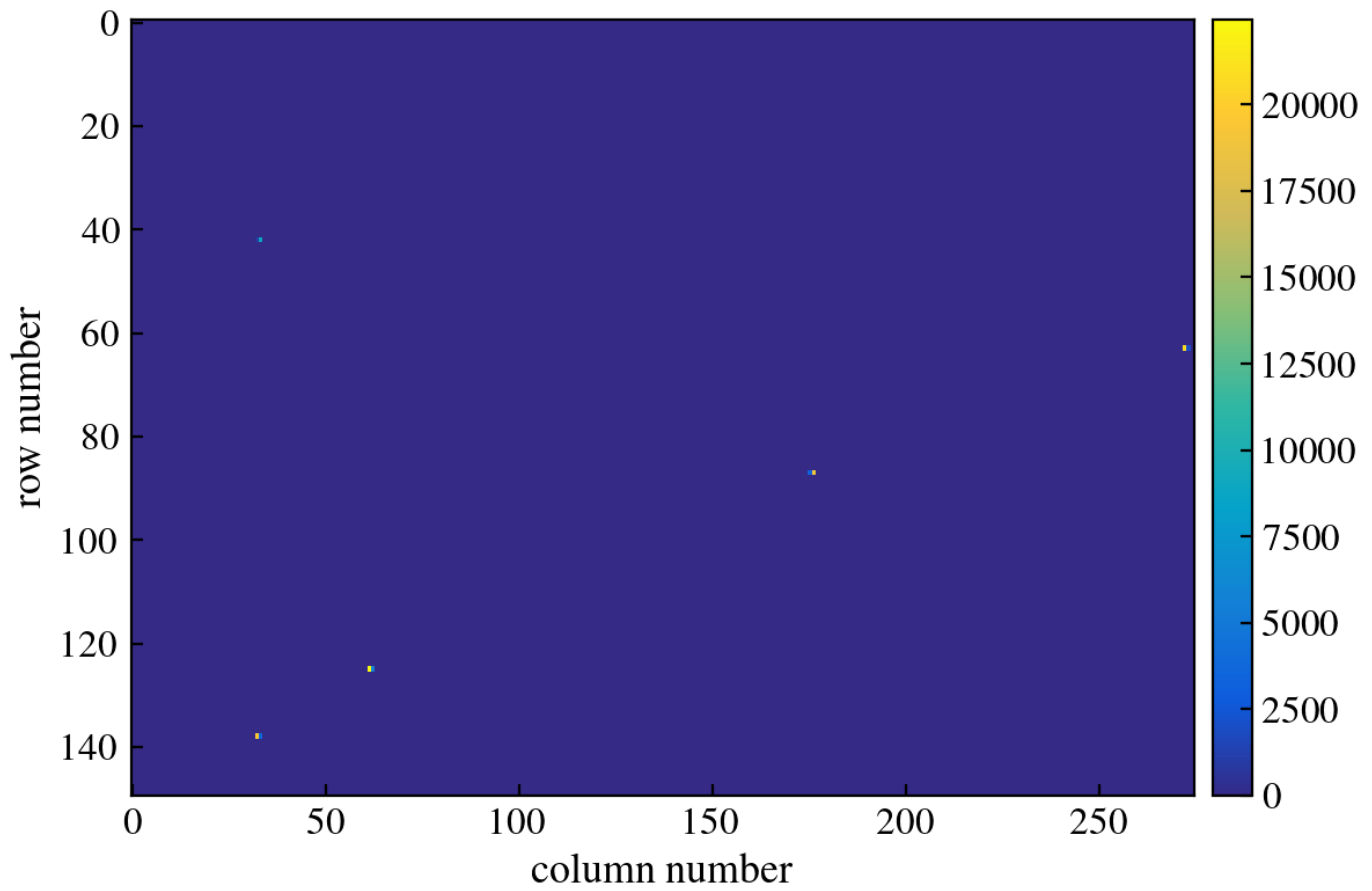


Figure 103: CCD Image

CCD Image: run 490, image 163
[class MECCDImage]

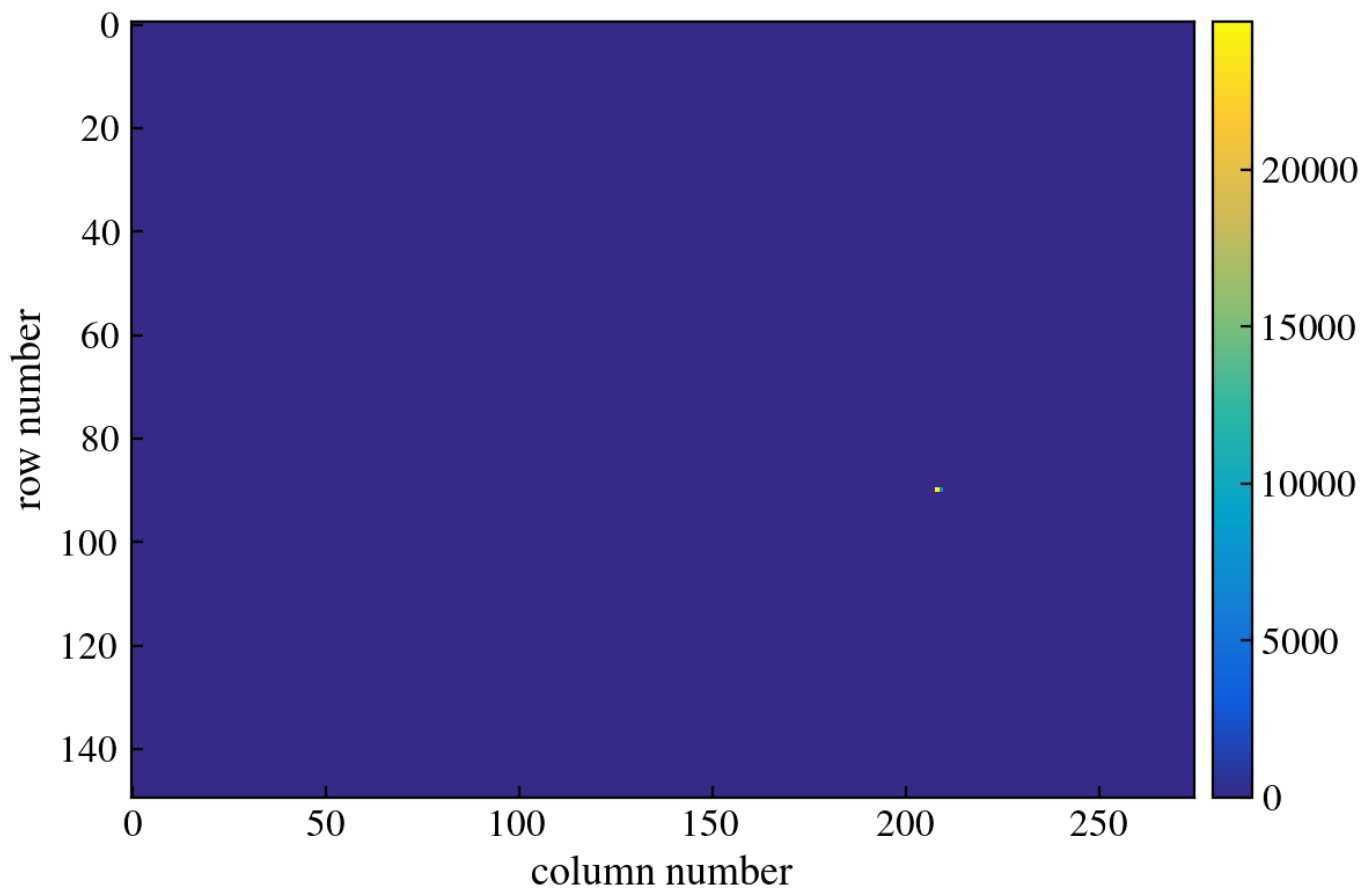


Figure 104: CCD Image

CCD Image: run 490, image 164
[class MECCDImage]

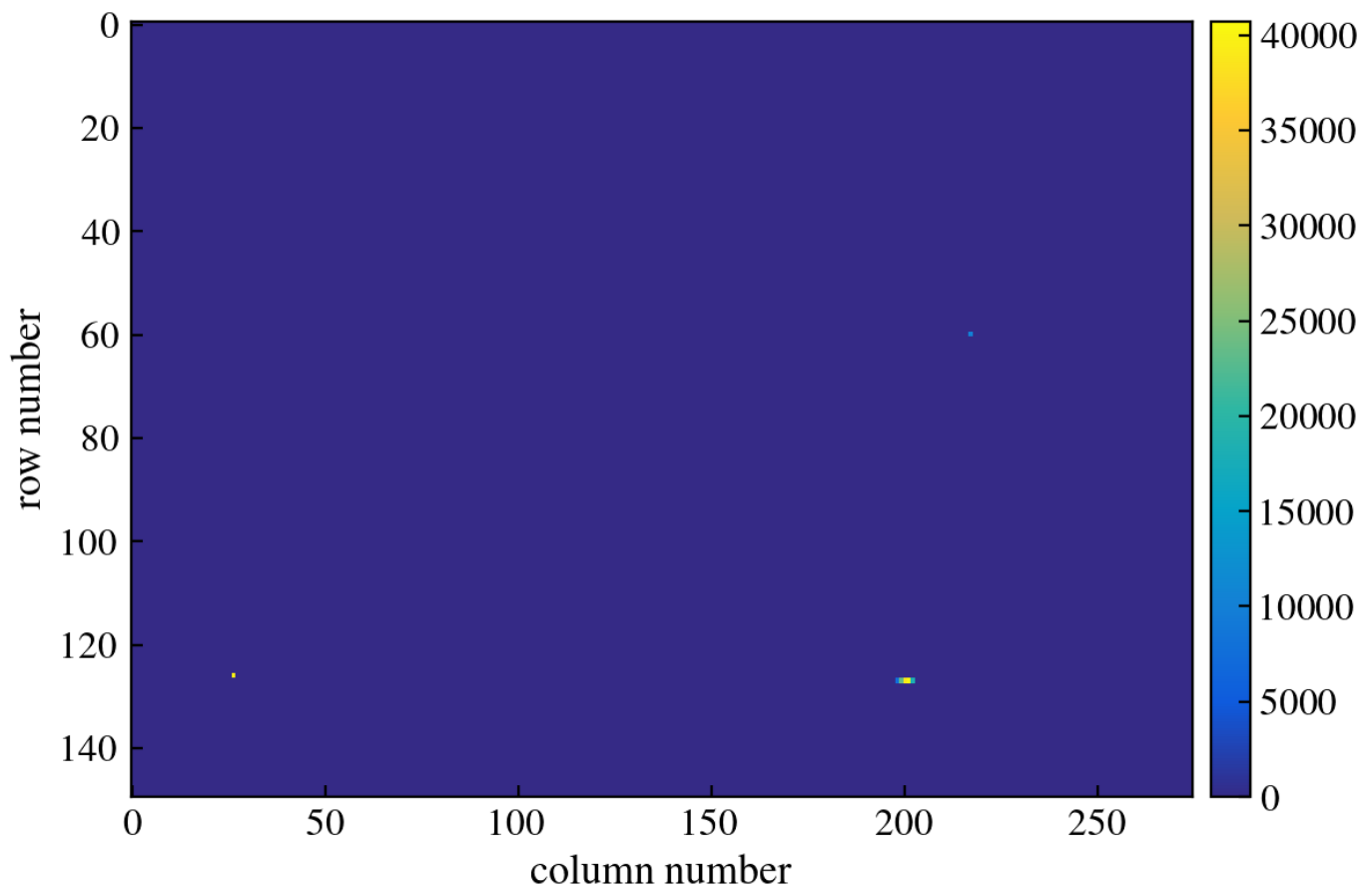


Figure 105: CCD Image

CCD Image: run 490, image 165
[class MECCDImage]

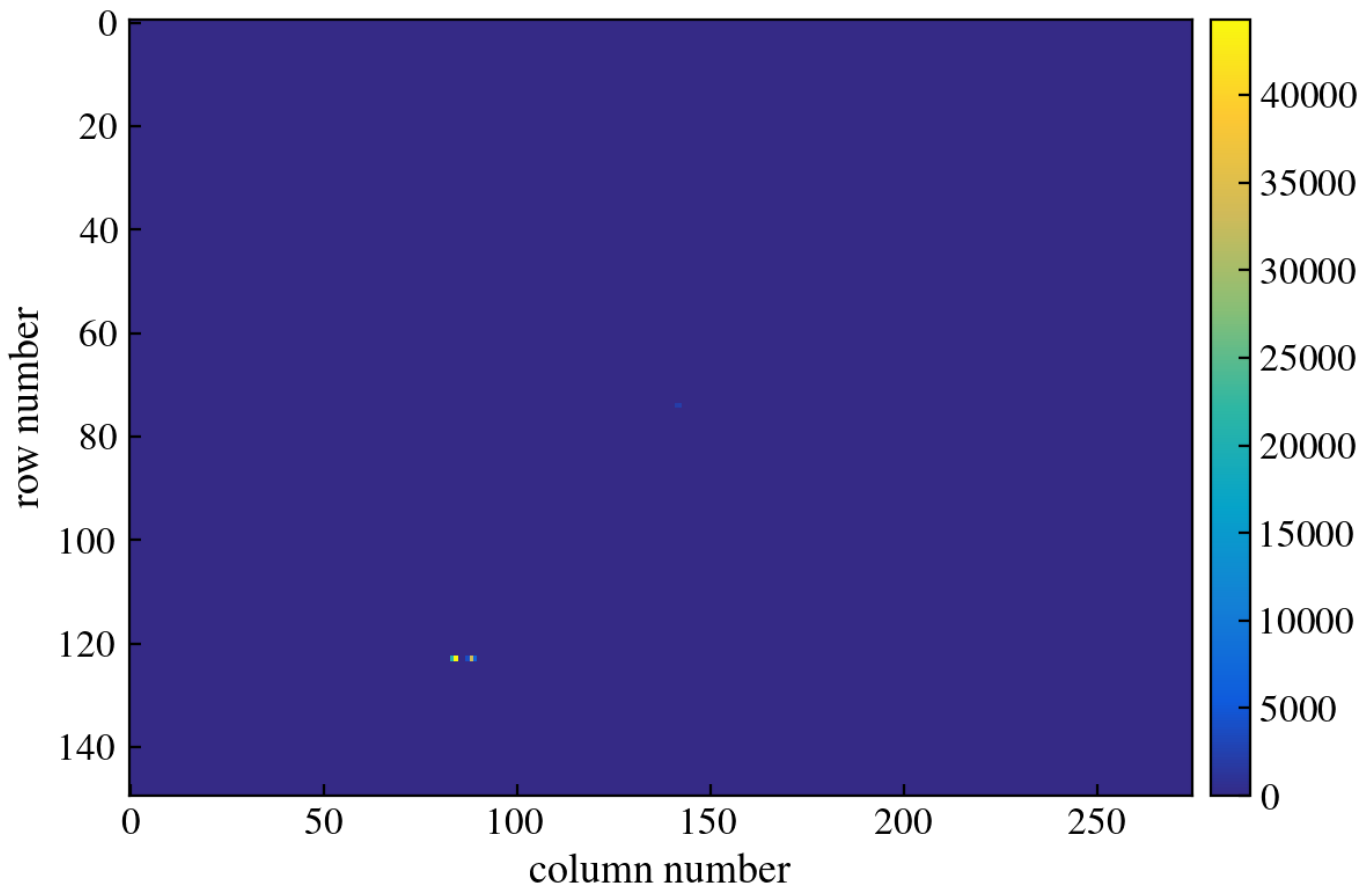


Figure 106: CCD Image

CCD Image: run 490, image 166
[class MECCDImage]

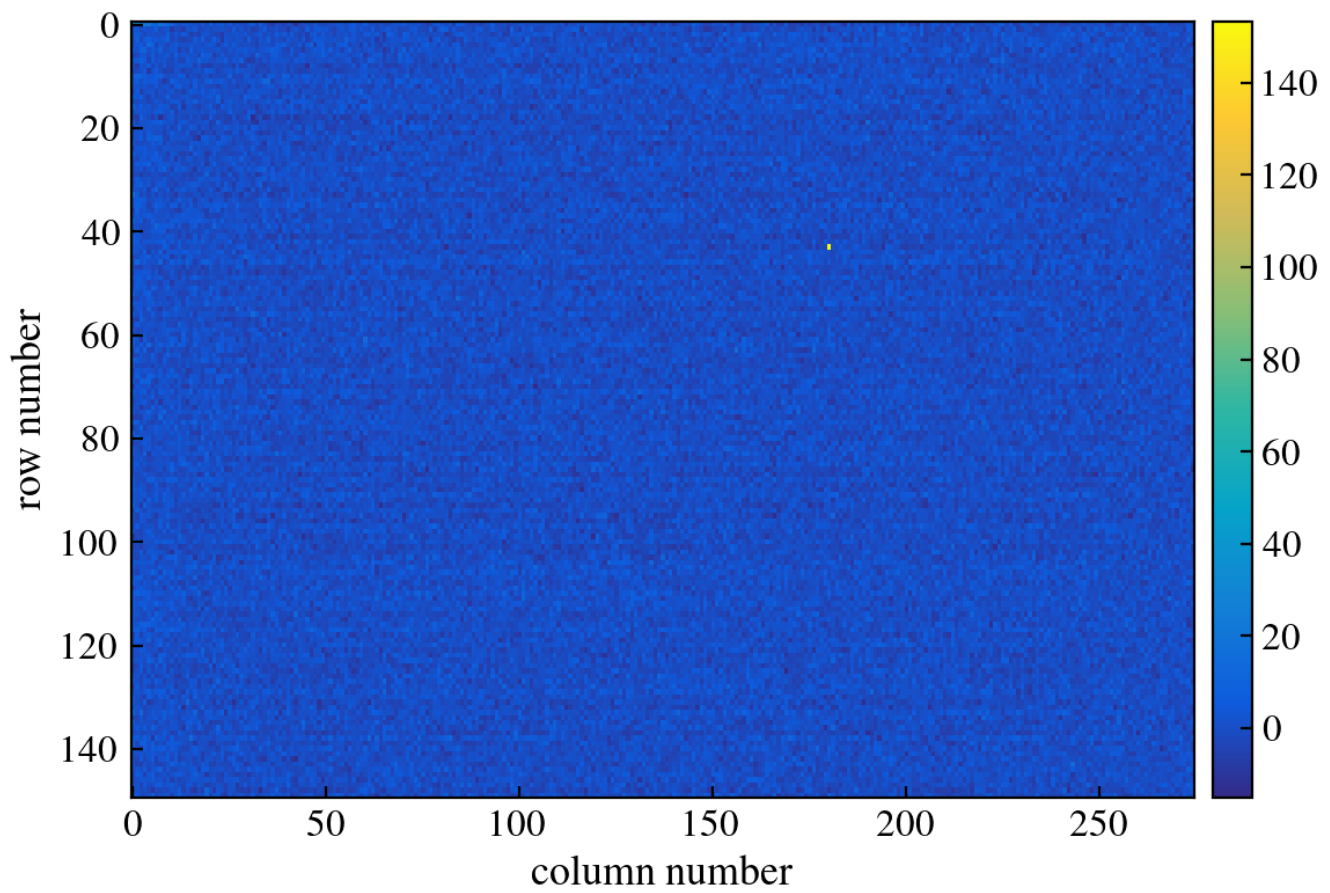


Figure 107: CCD Image

CCD Image: run 490, image 167
[class MECCDImage]

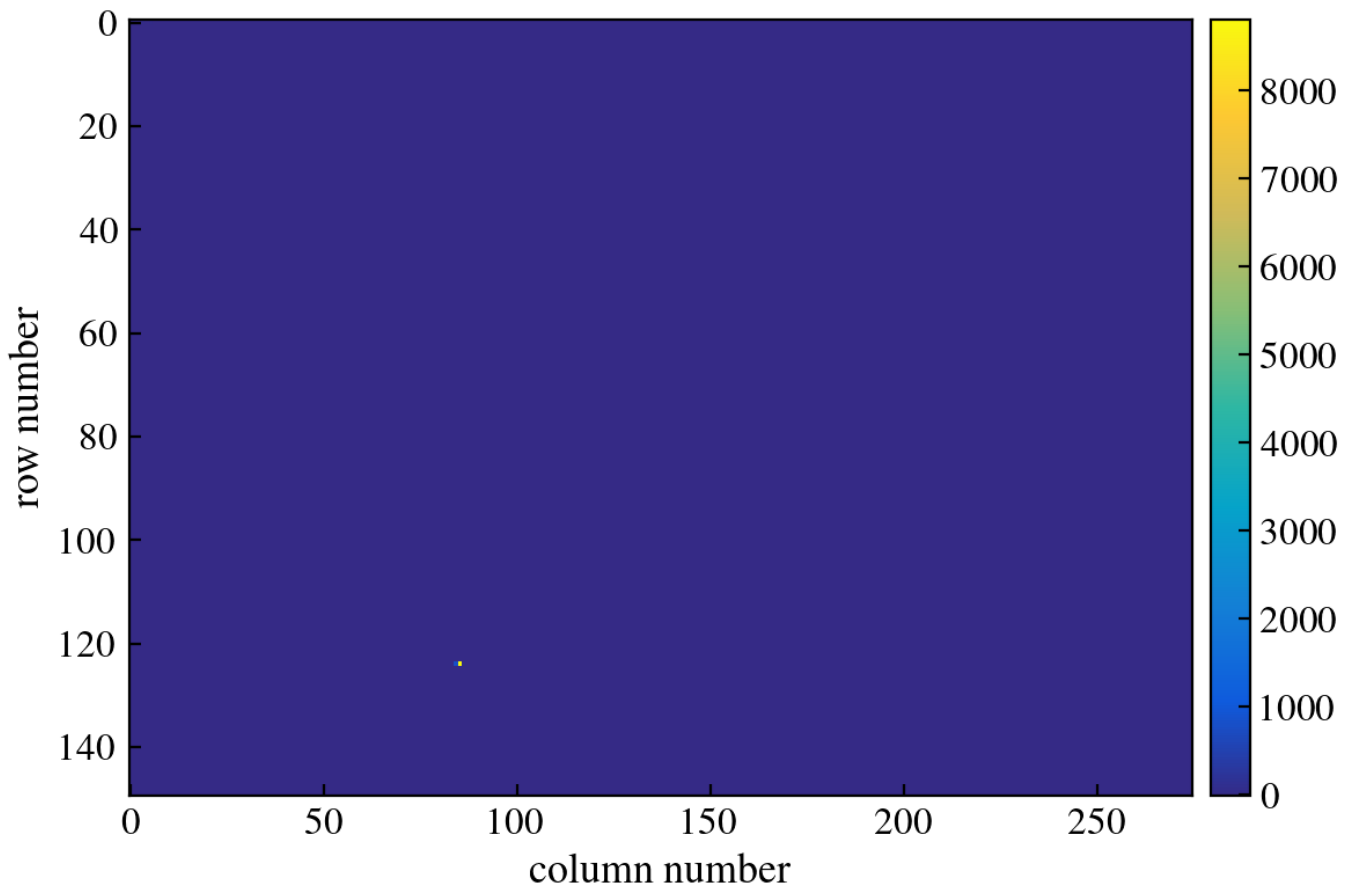


Figure 108: CCD Image

CCD Image: run 490, image 168
[class MECCDImage]

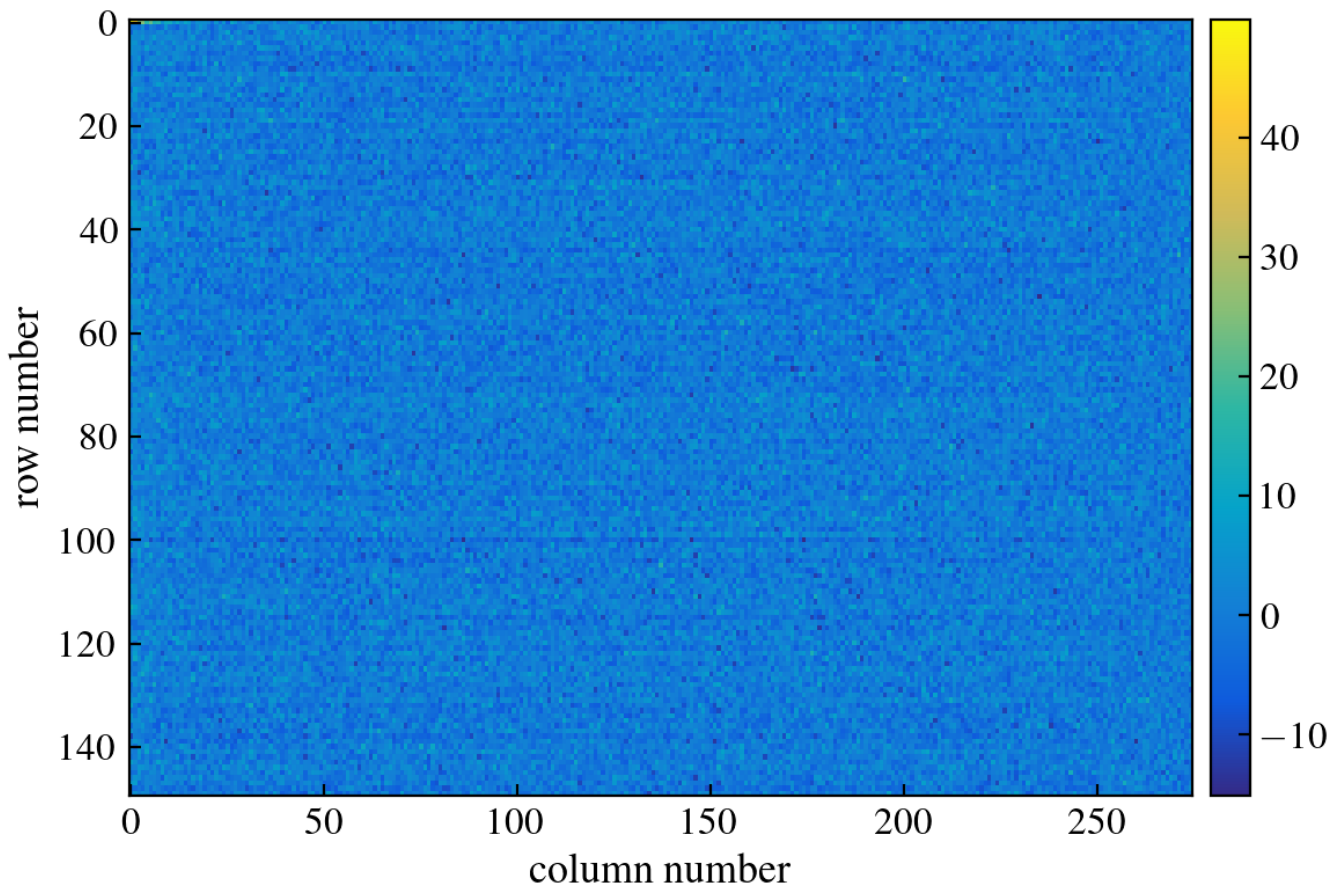


Figure 109: CCD Image

CCD Image: run 490, image 169
[class MECCDImage]

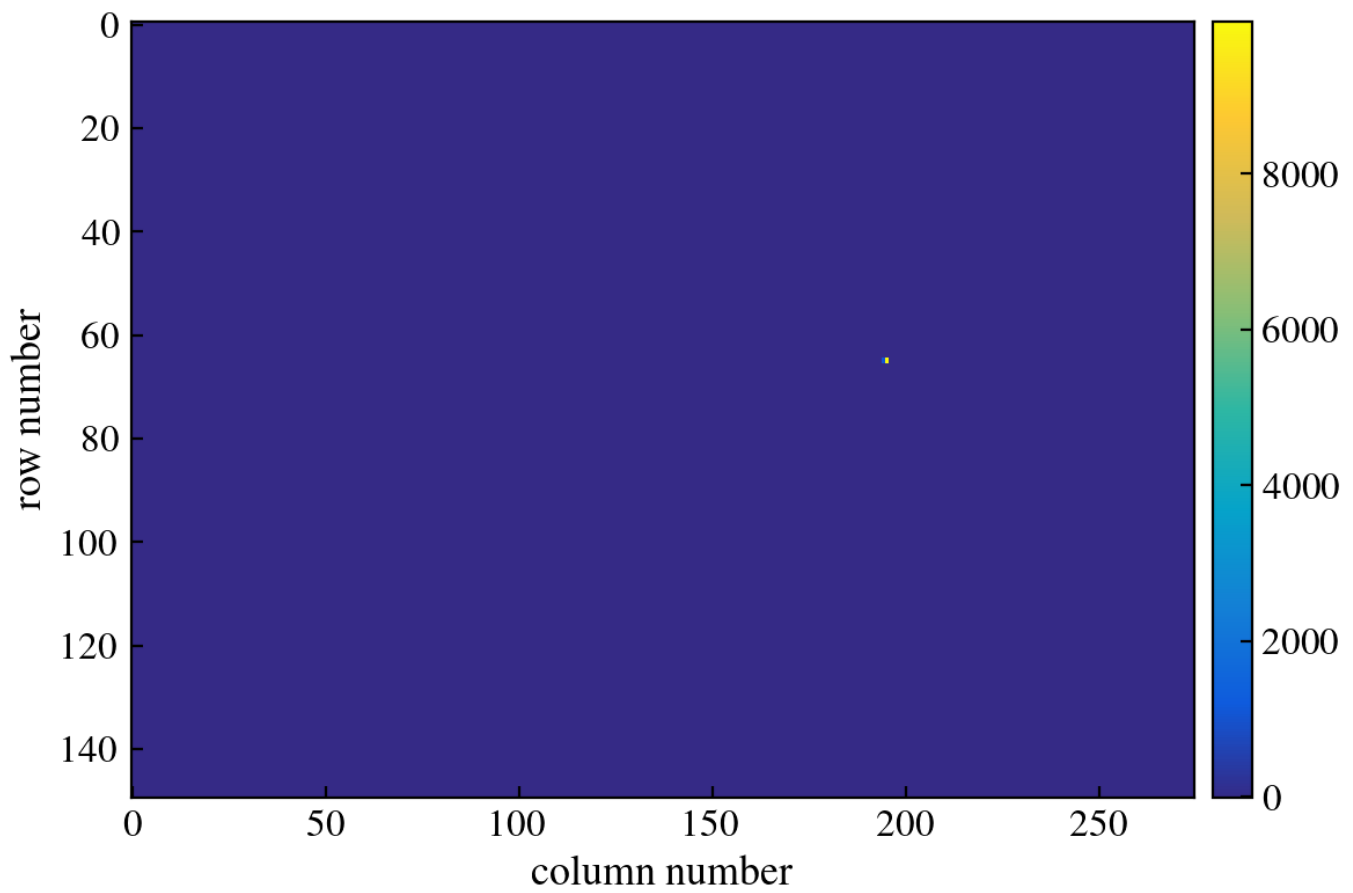


Figure 110: CCD Image

CCD Image: run 490, image 17
[class MECCDImage]

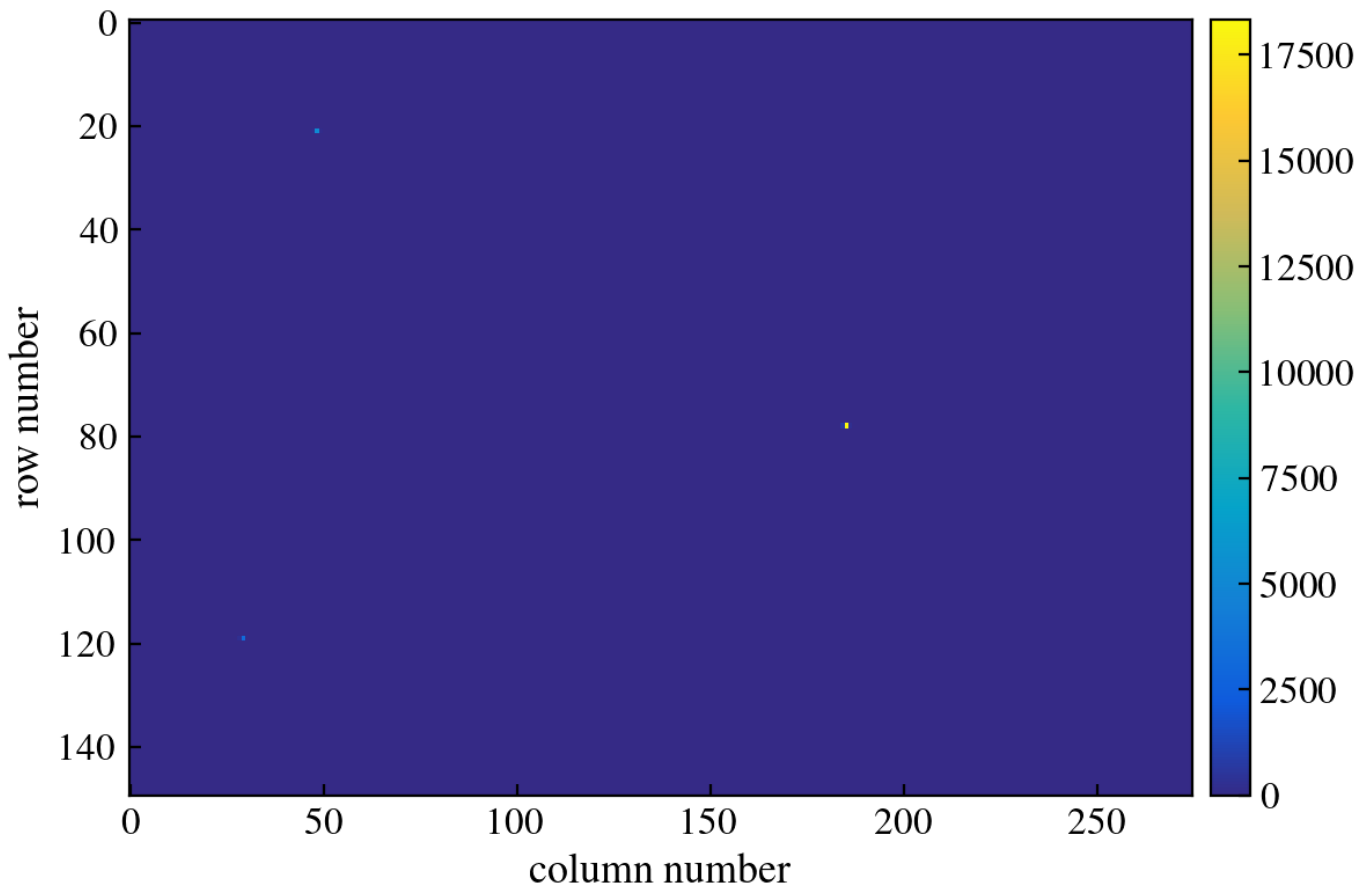


Figure 111: CCD Image

CCD Image: run 490, image 170
[class MECCDImage]

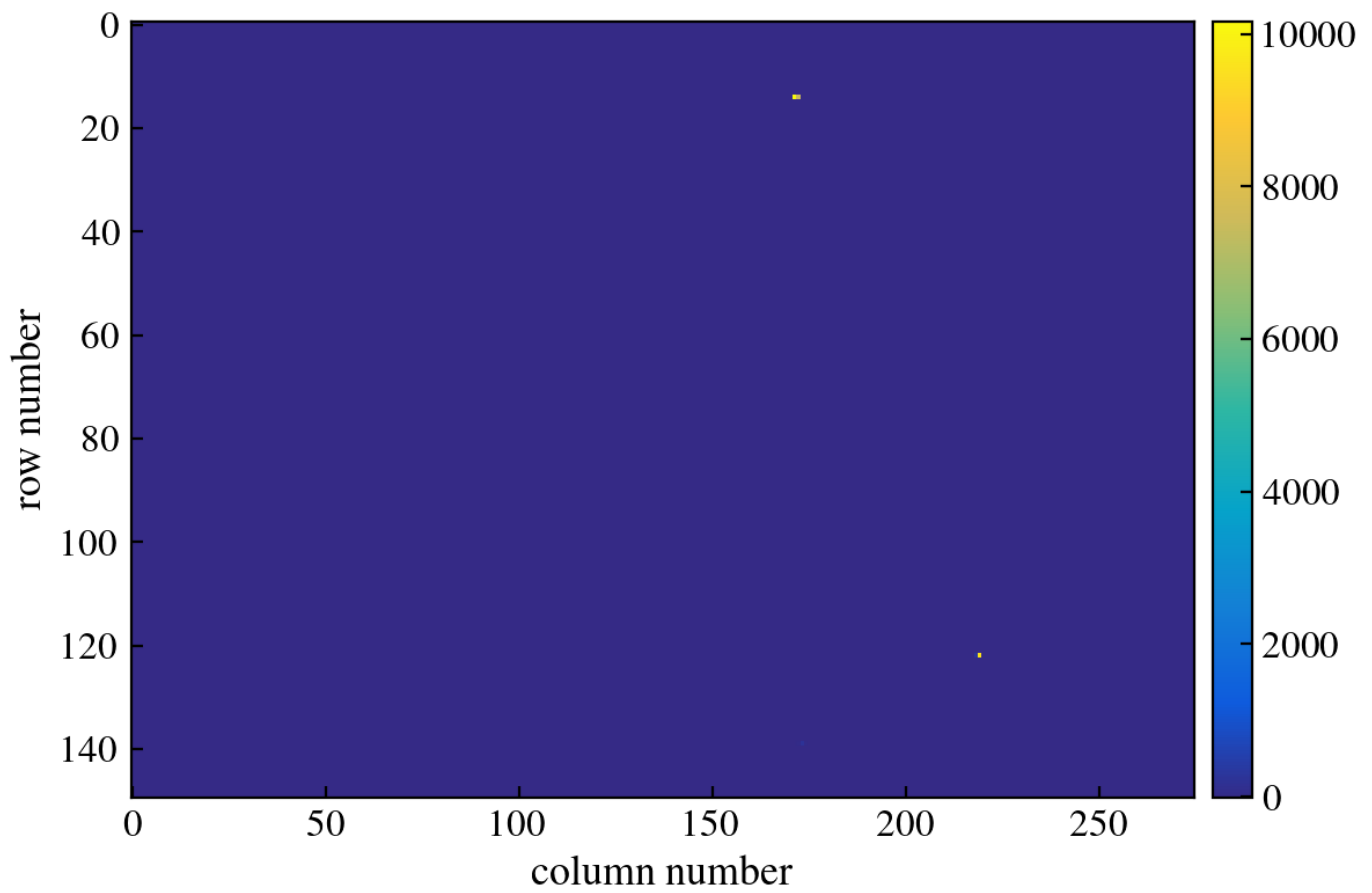


Figure 112: CCD Image

CCD Image: run 490, image 171
[class MECCDImage]

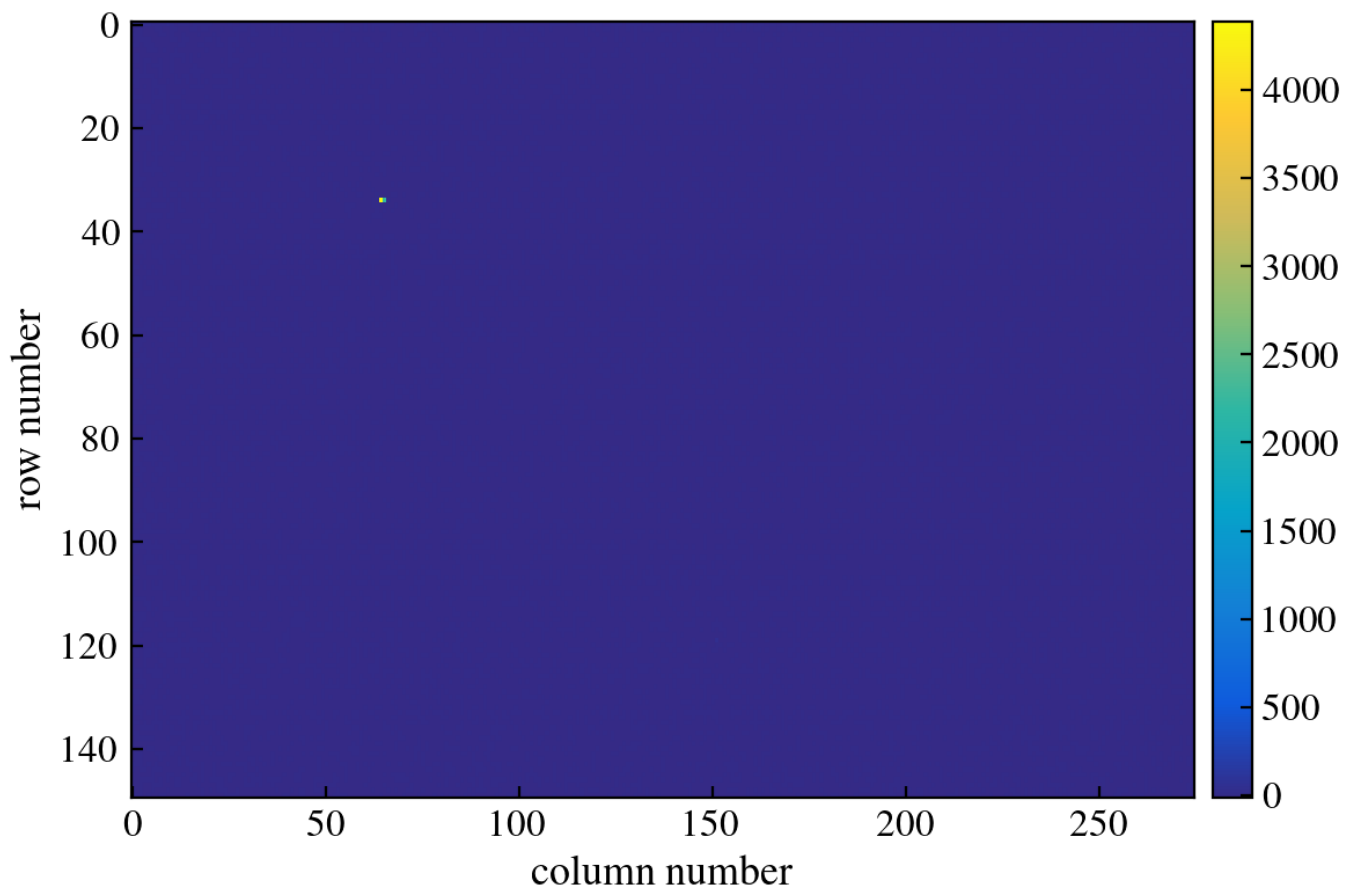


Figure 113: CCD Image

CCD Image: run 490, image 172
[class MECCDImage]

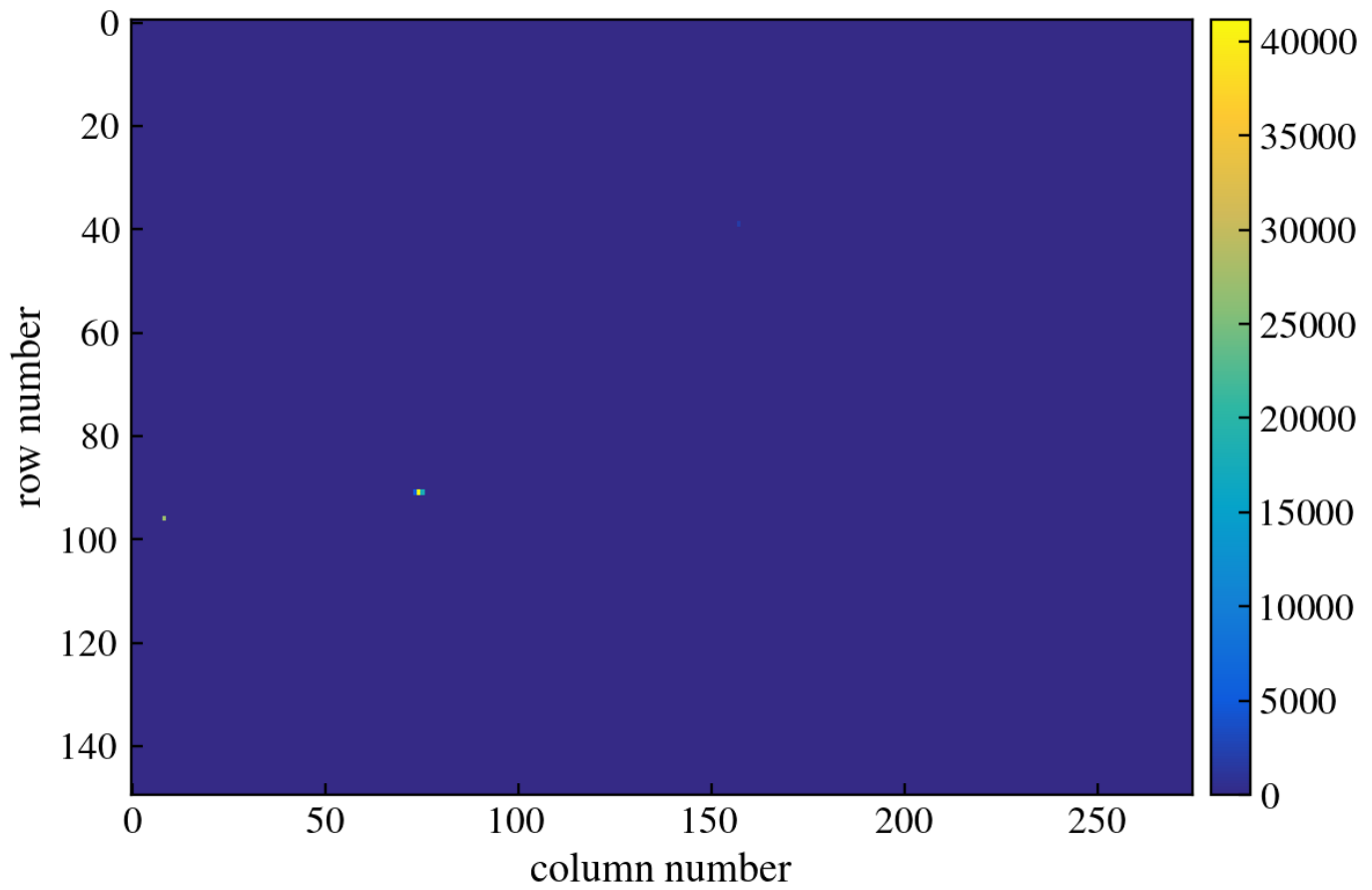


Figure 114: CCD Image

CCD Image: run 490, image 173
[class MECCDImage]

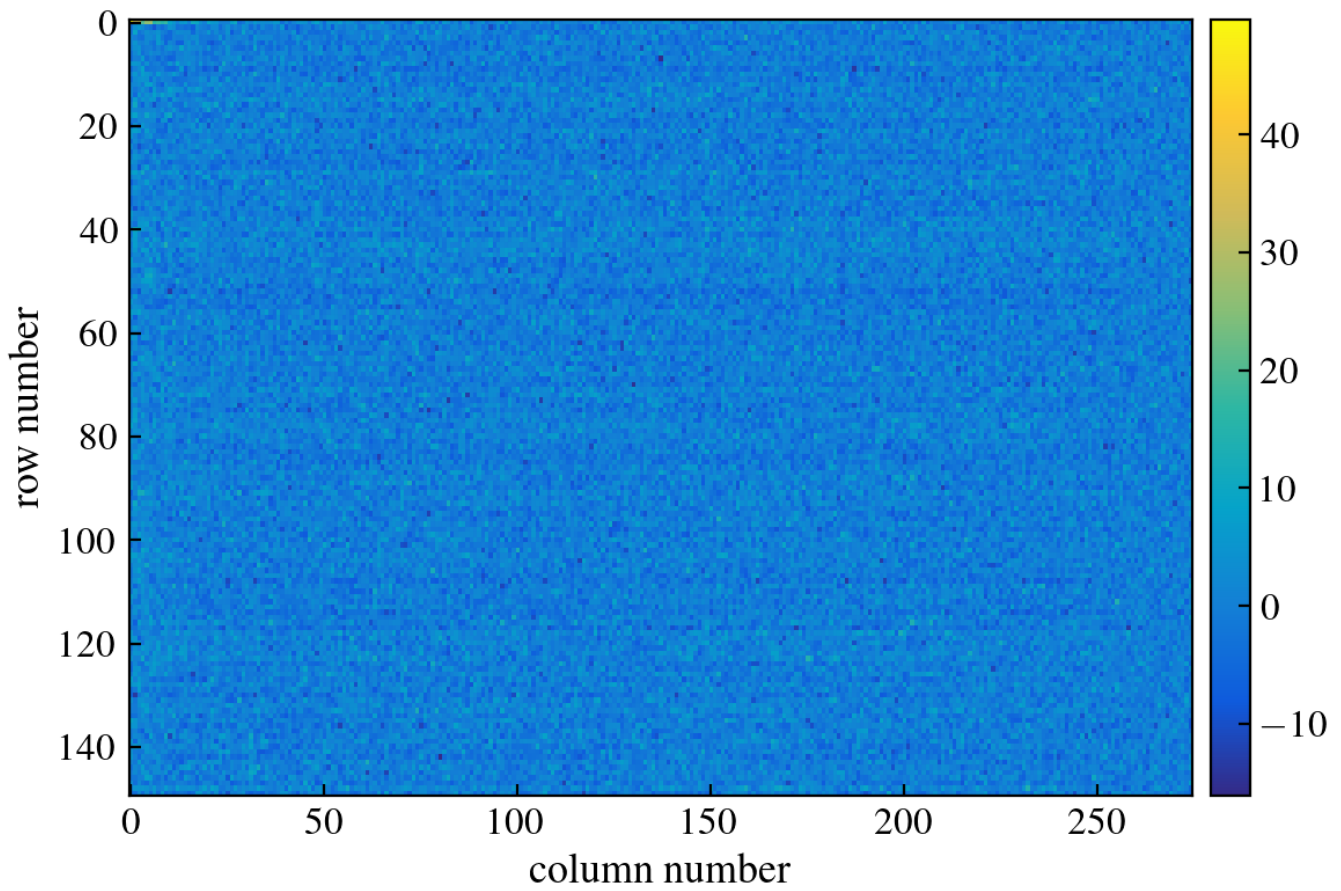


Figure 115: CCD Image

CCD Image: run 490, image 174
[class MECCDImage]

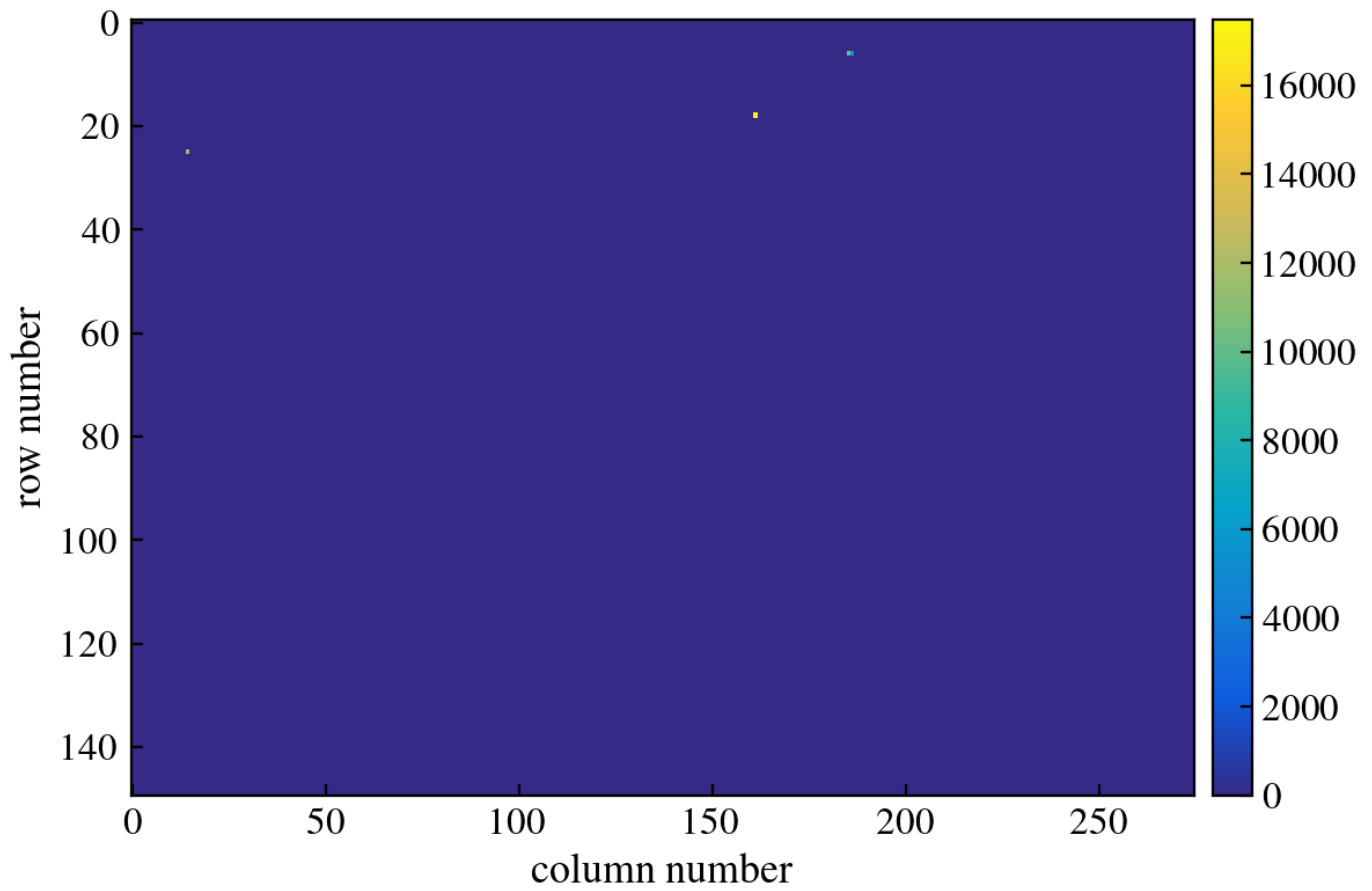


Figure 116: CCD Image

CCD Image: run 490, image 175
[class MECCDImage]

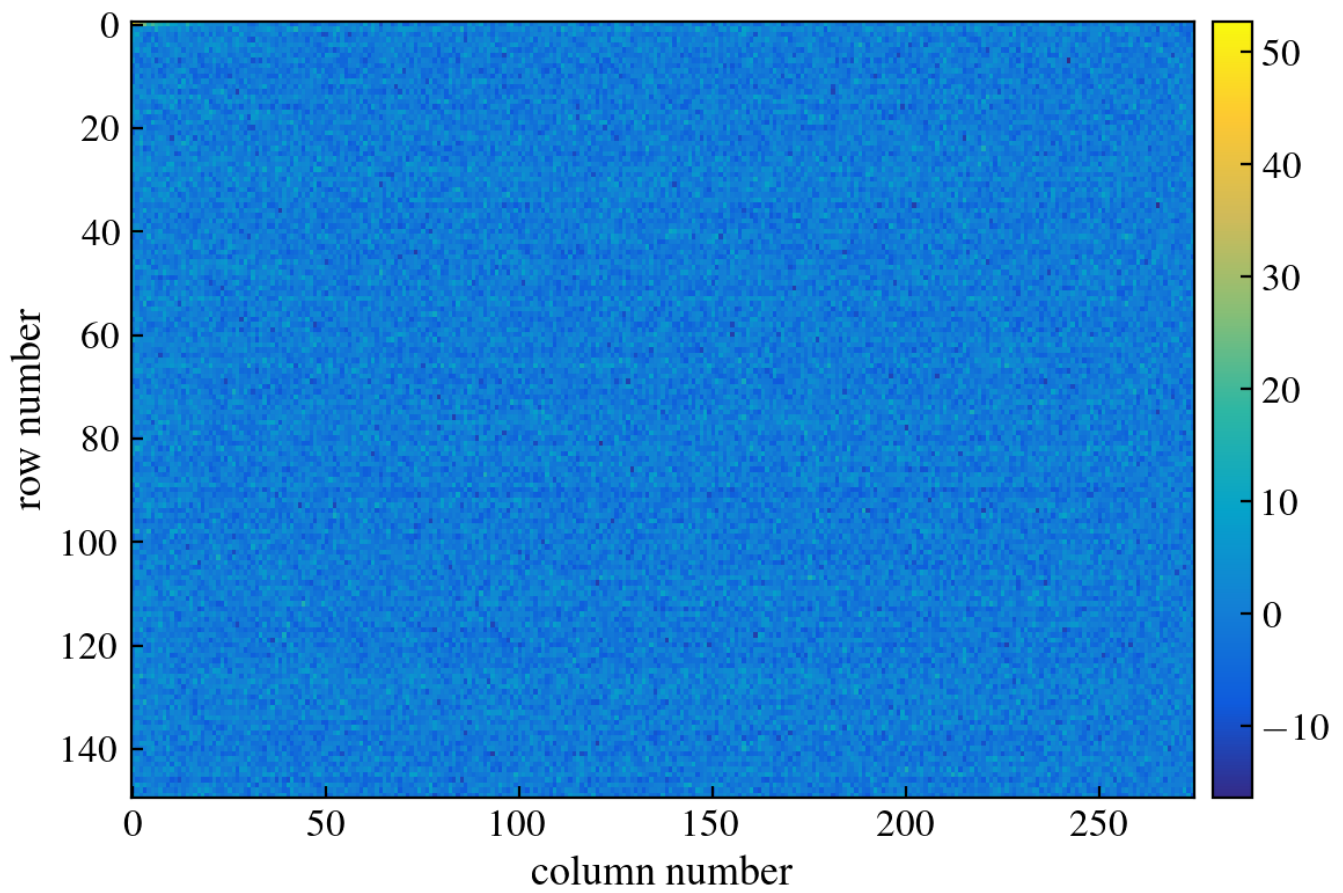


Figure 117: CCD Image

CCD Image: run 490, image 176
[class MECCDImage]

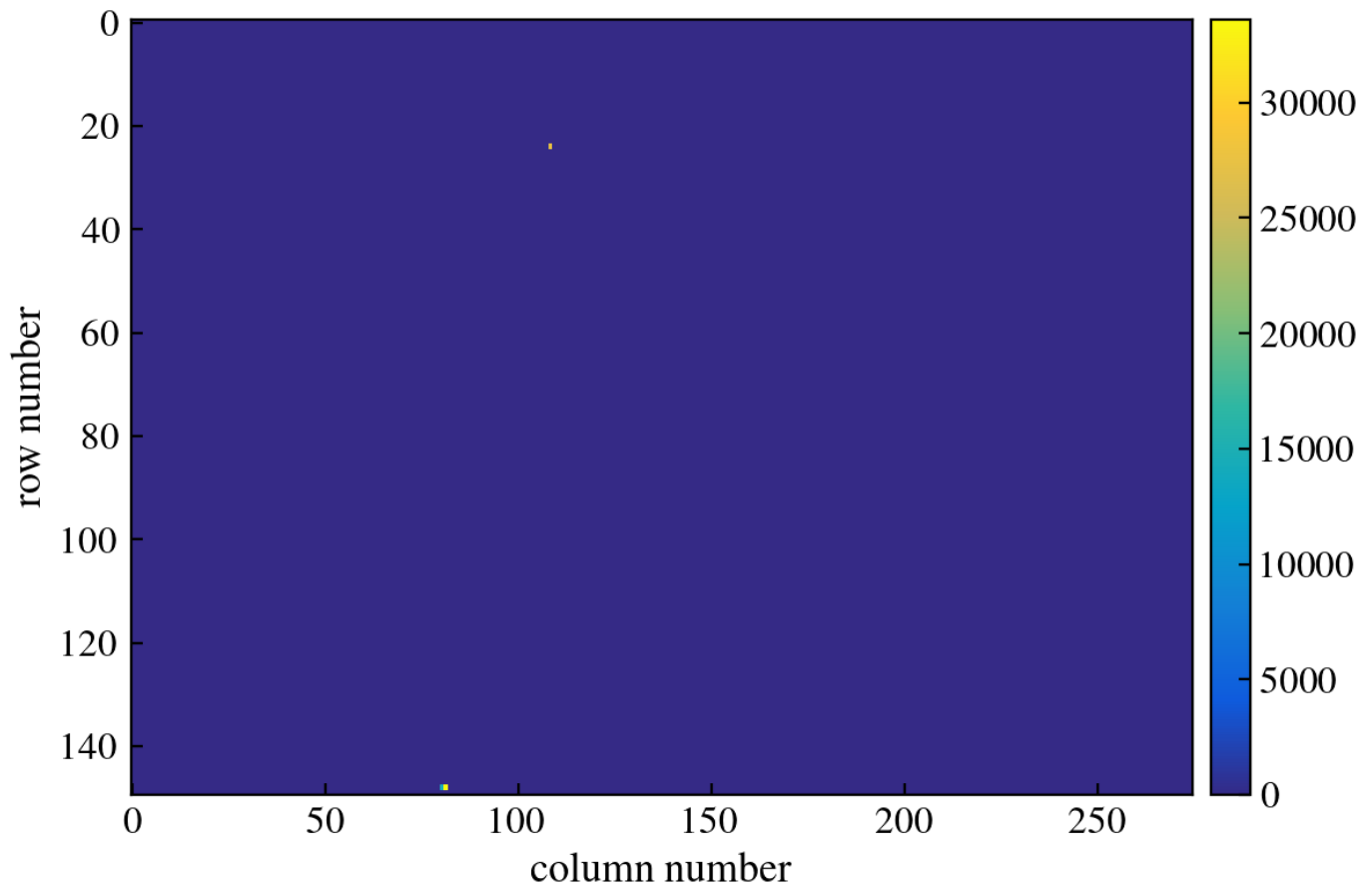


Figure 118: CCD Image

CCD Image: run 490, image 177
[class MECCDImage]

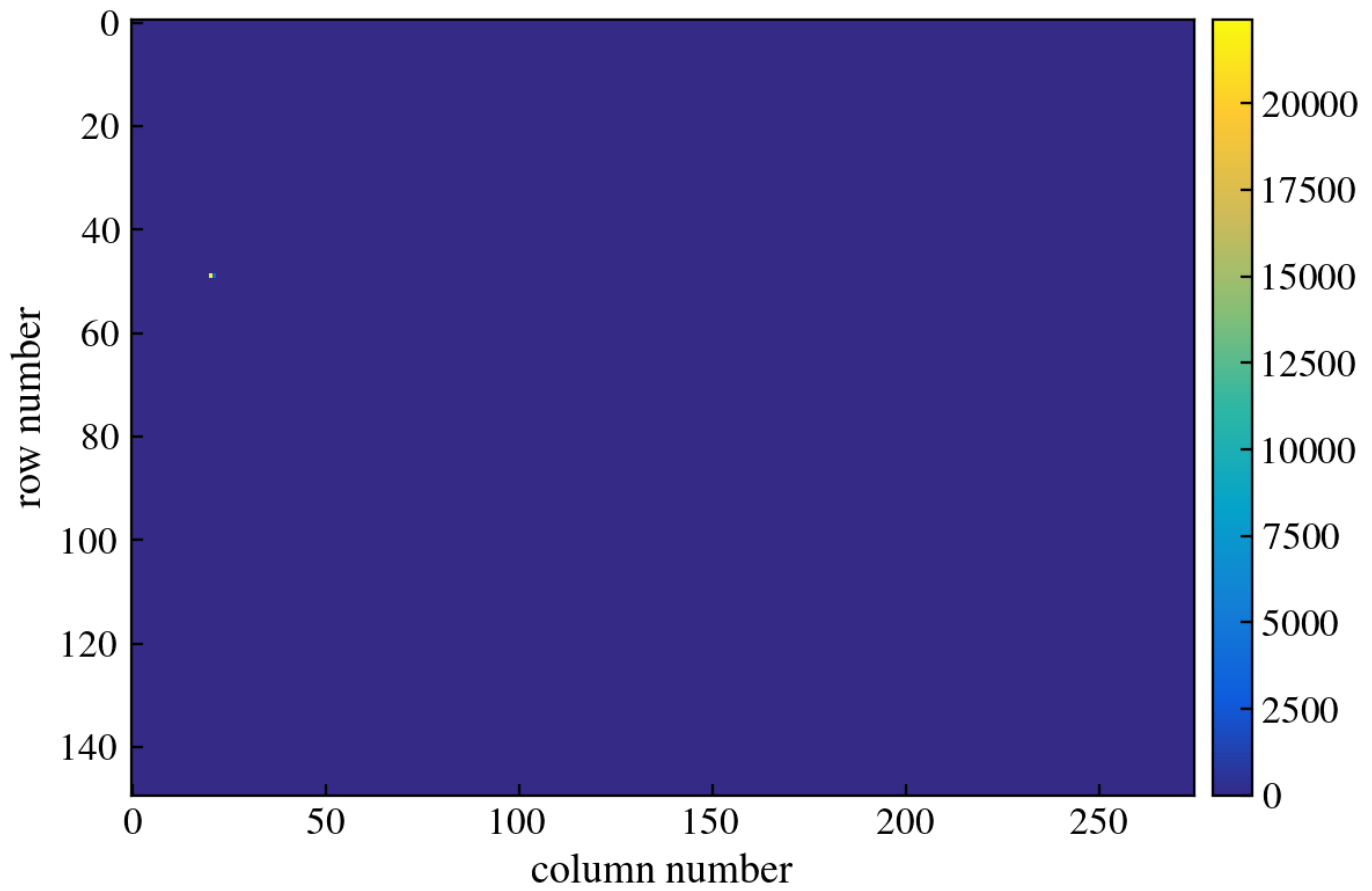


Figure 119: CCD Image

CCD Image: run 490, image 178
[class MECCDImage]

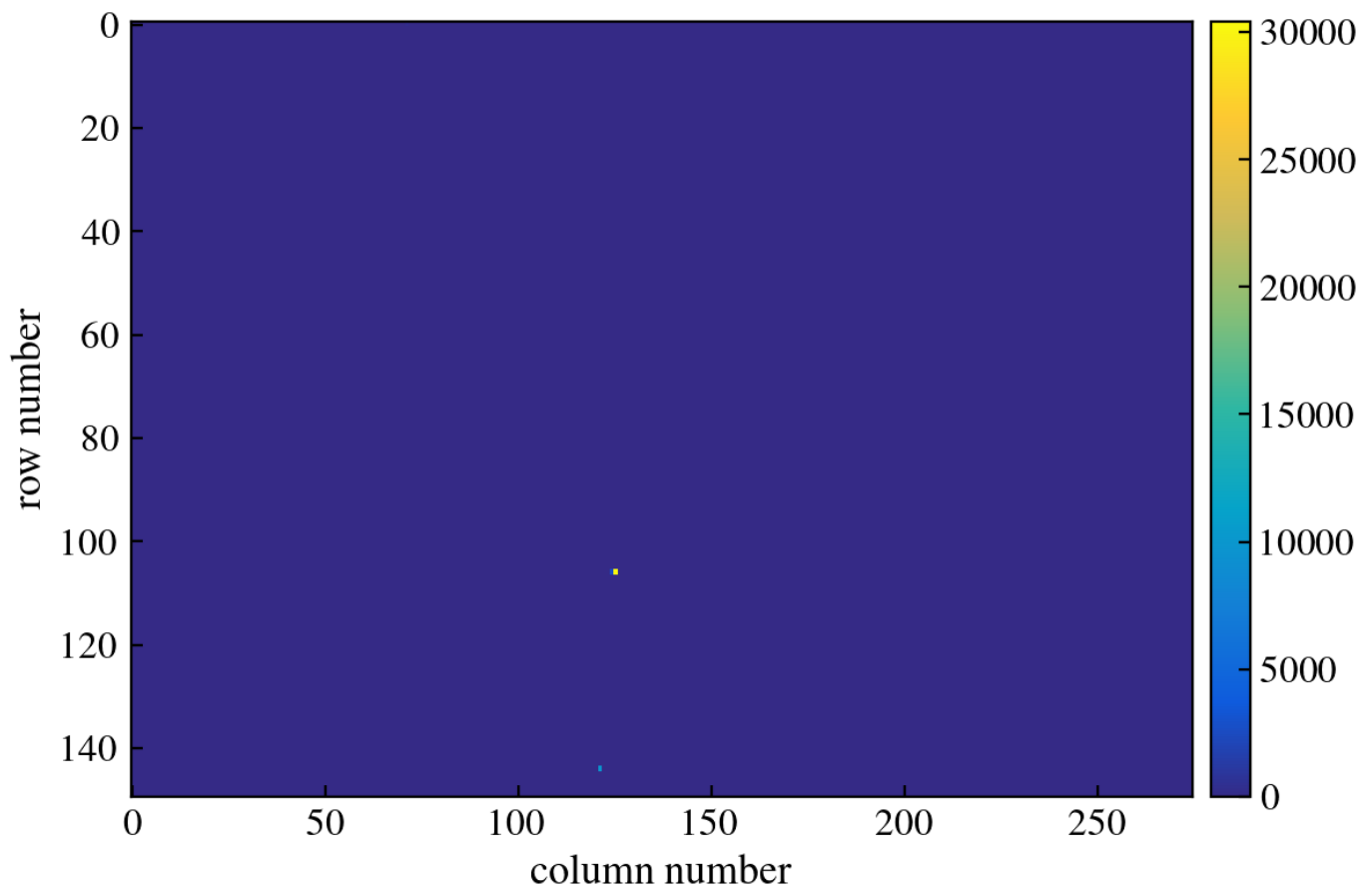


Figure 120: CCD Image

CCD Image: run 490, image 179
[class MECCDImage]

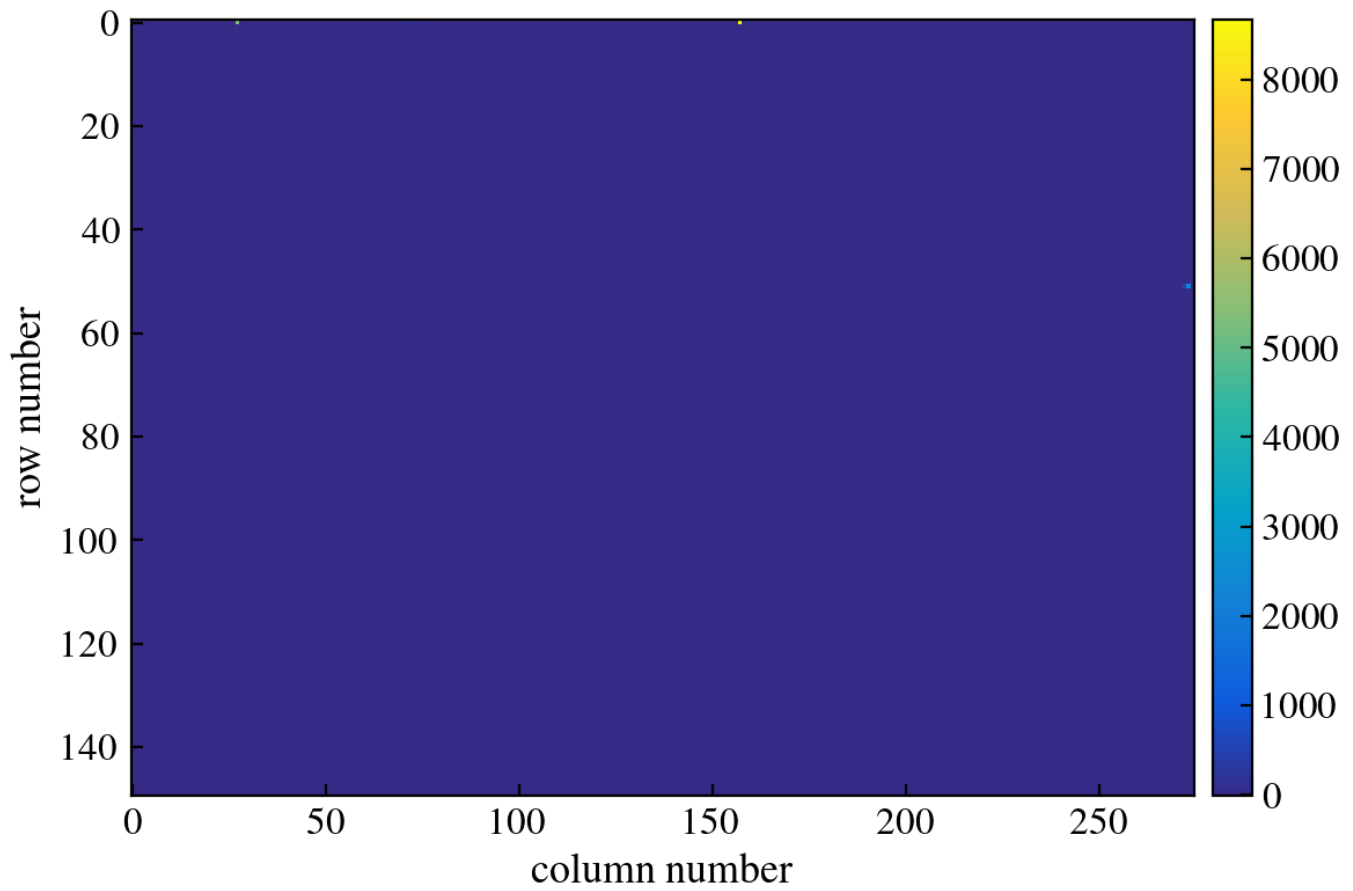


Figure 121: CCD Image

CCD Image: run 490, image 18
[class MECCDImage]

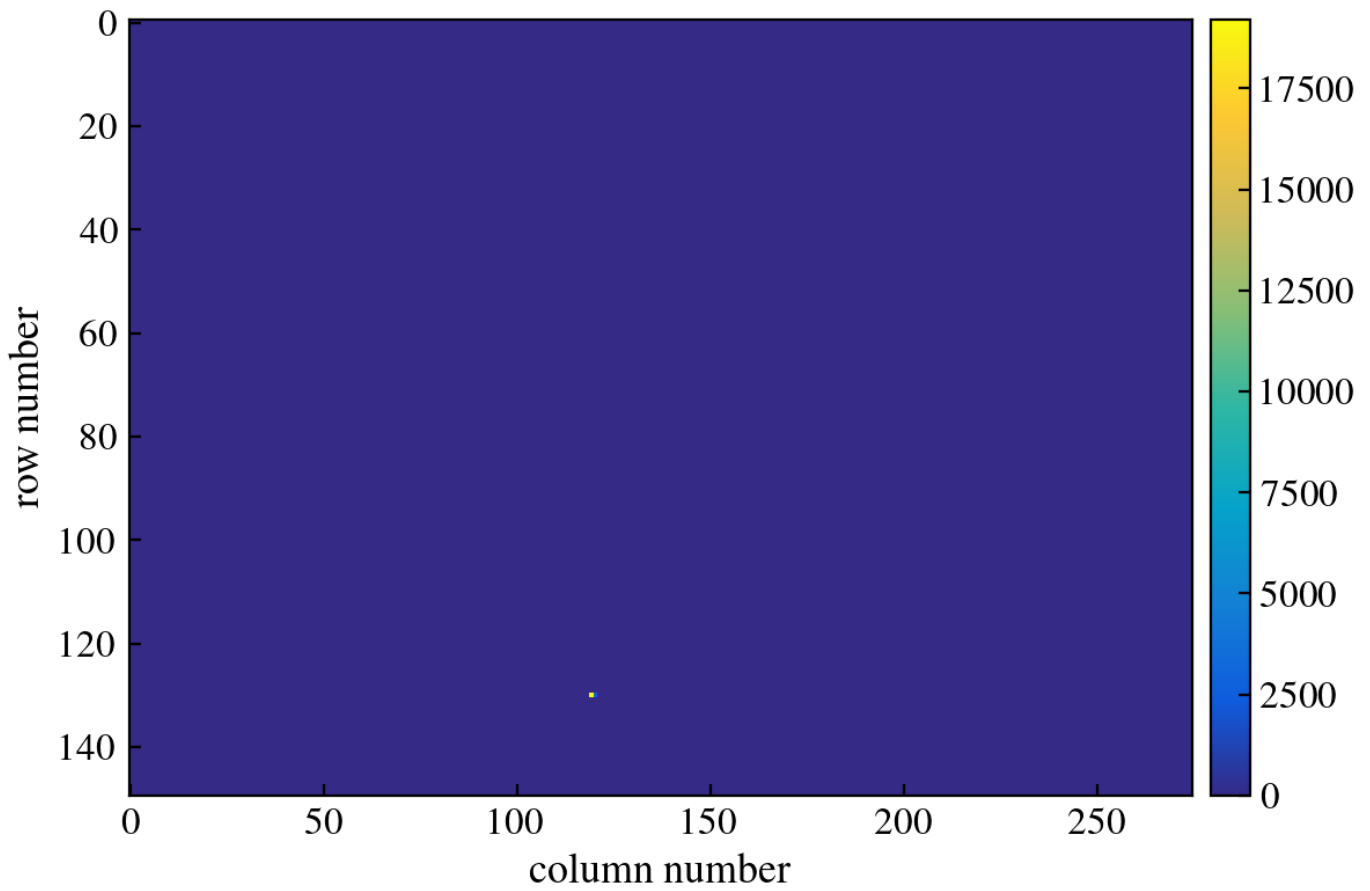


Figure 122: CCD Image

CCD Image: run 490, image 180
[class MECCDImage]

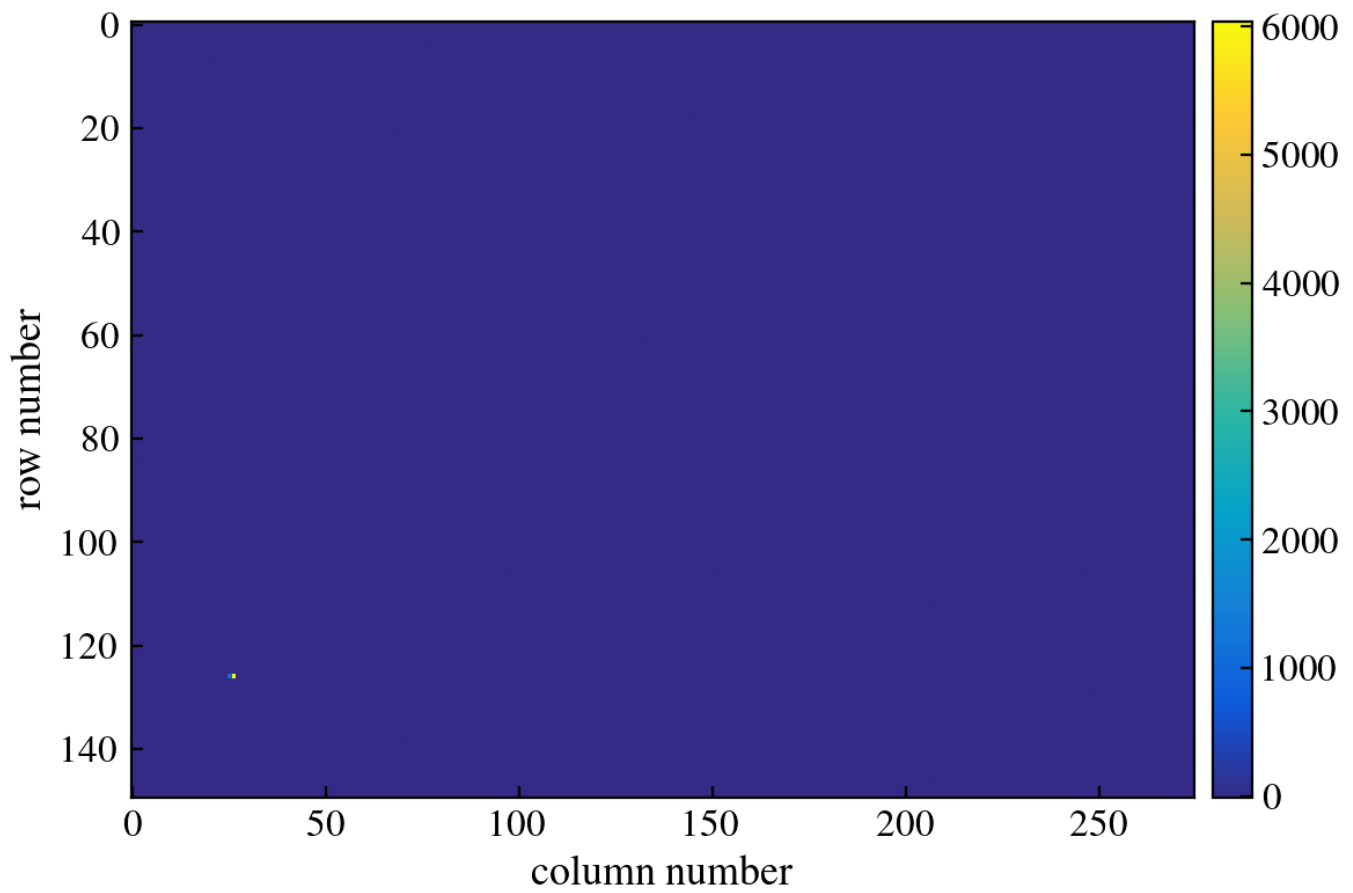


Figure 123: CCD Image

CCD Image: run 490, image 181
[class MECCDImage]

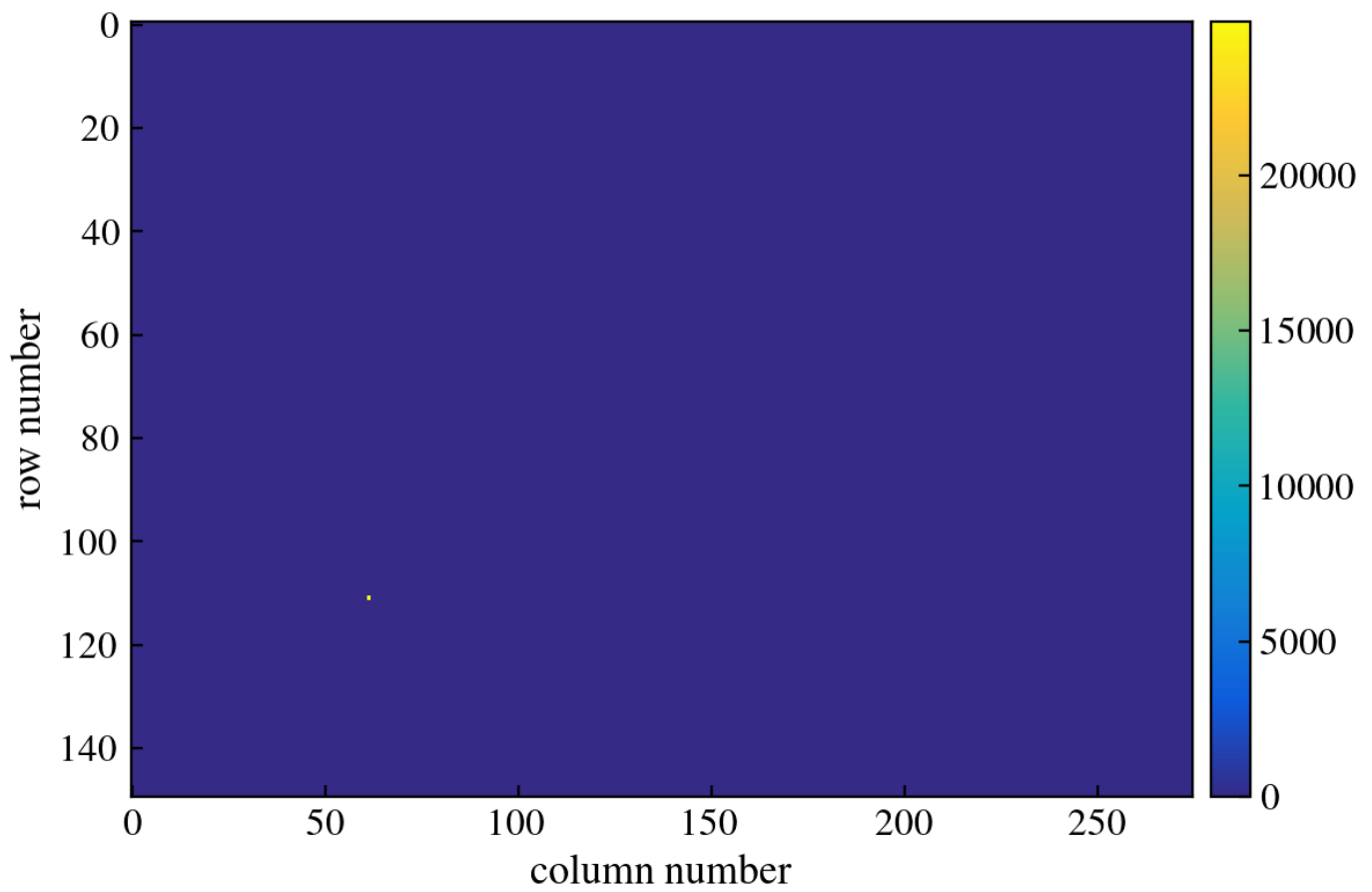


Figure 124: CCD Image

CCD Image: run 490, image 182
[class MECCDImage]

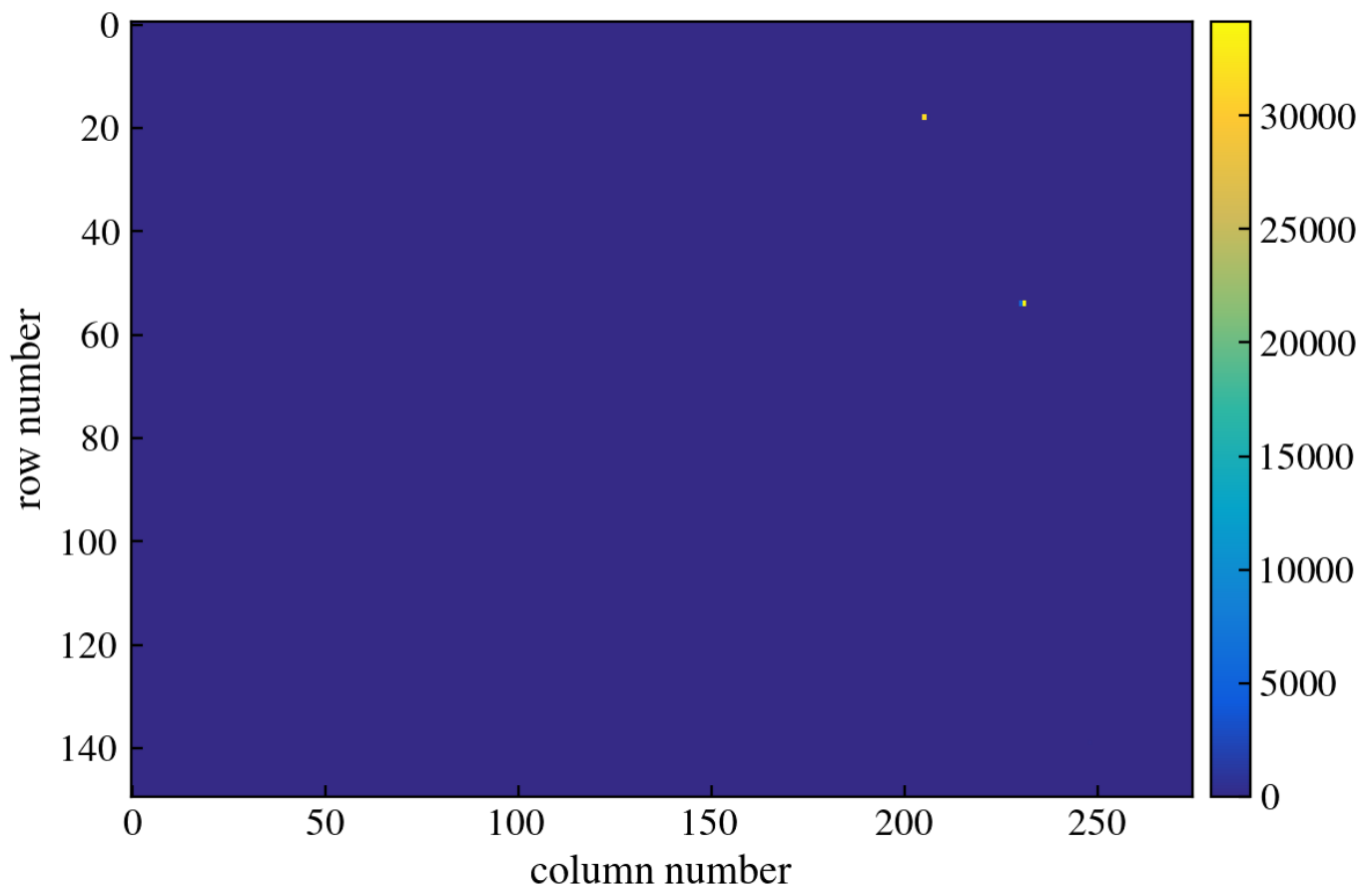


Figure 125: CCD Image

CCD Image: run 490, image 183
[class MECCDImage]

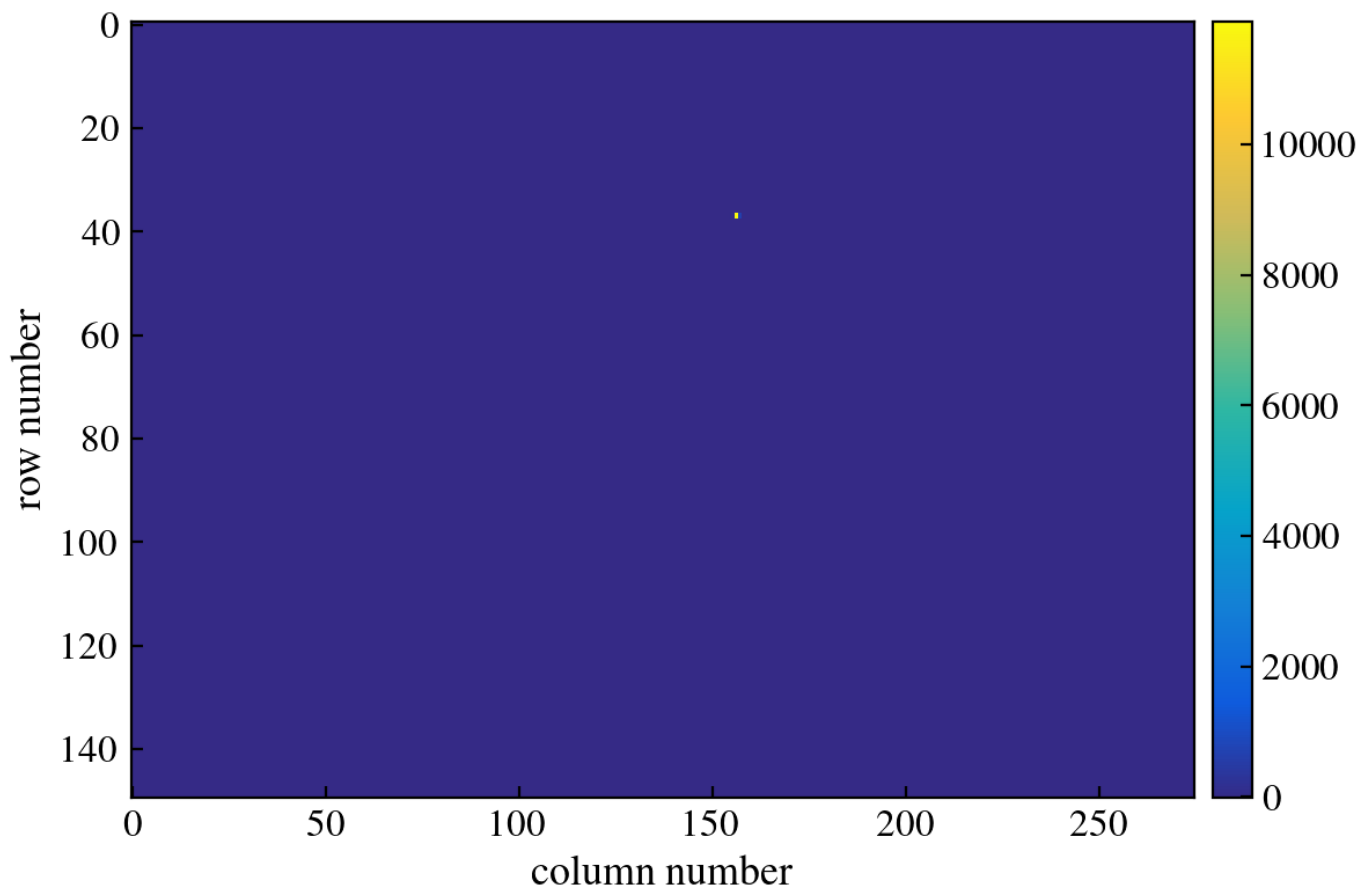


Figure 126: CCD Image

CCD Image: run 490, image 184
[class MECCDImage]

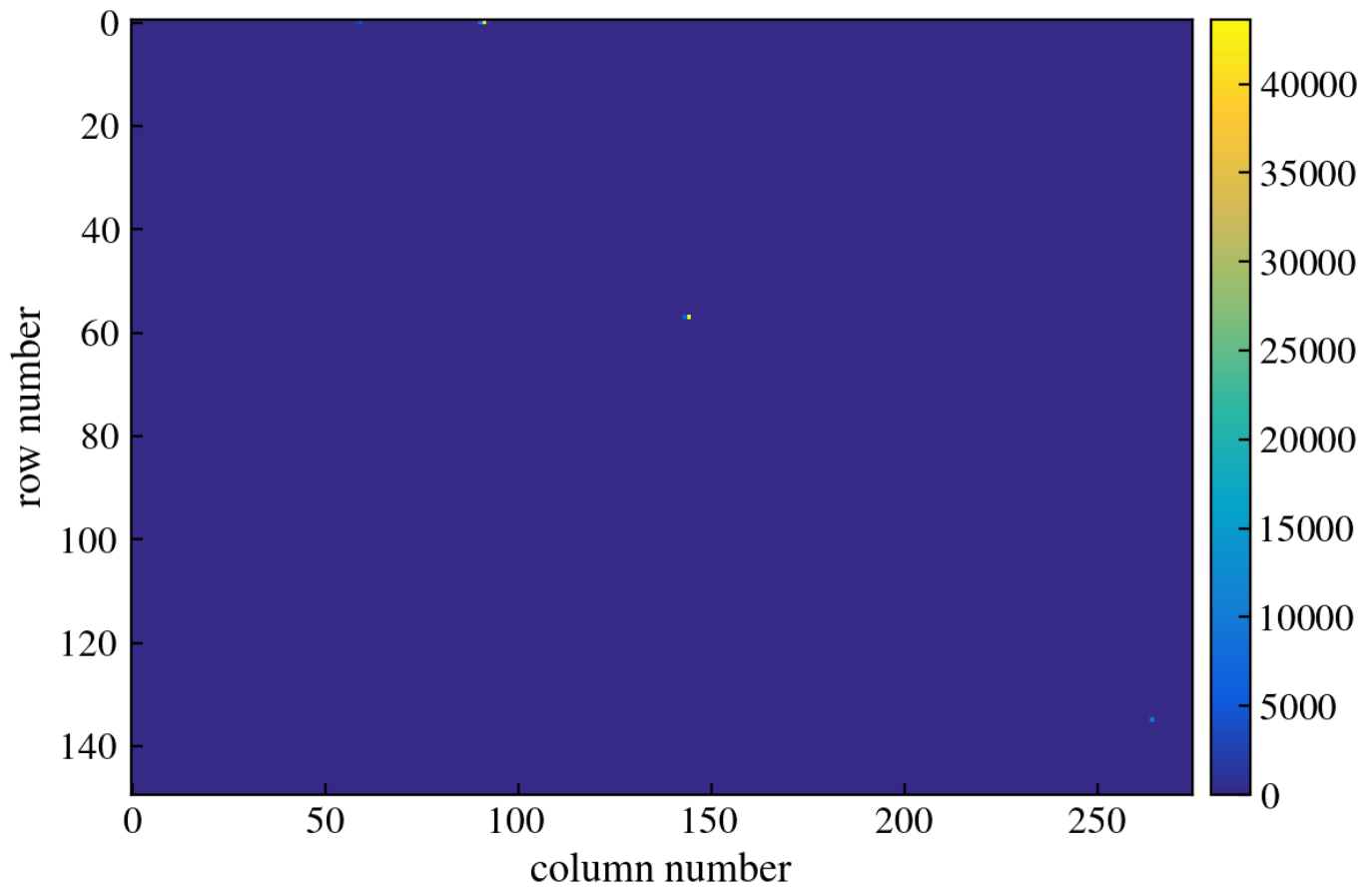


Figure 127: CCD Image

CCD Image: run 490, image 185
[class MECCDImage]

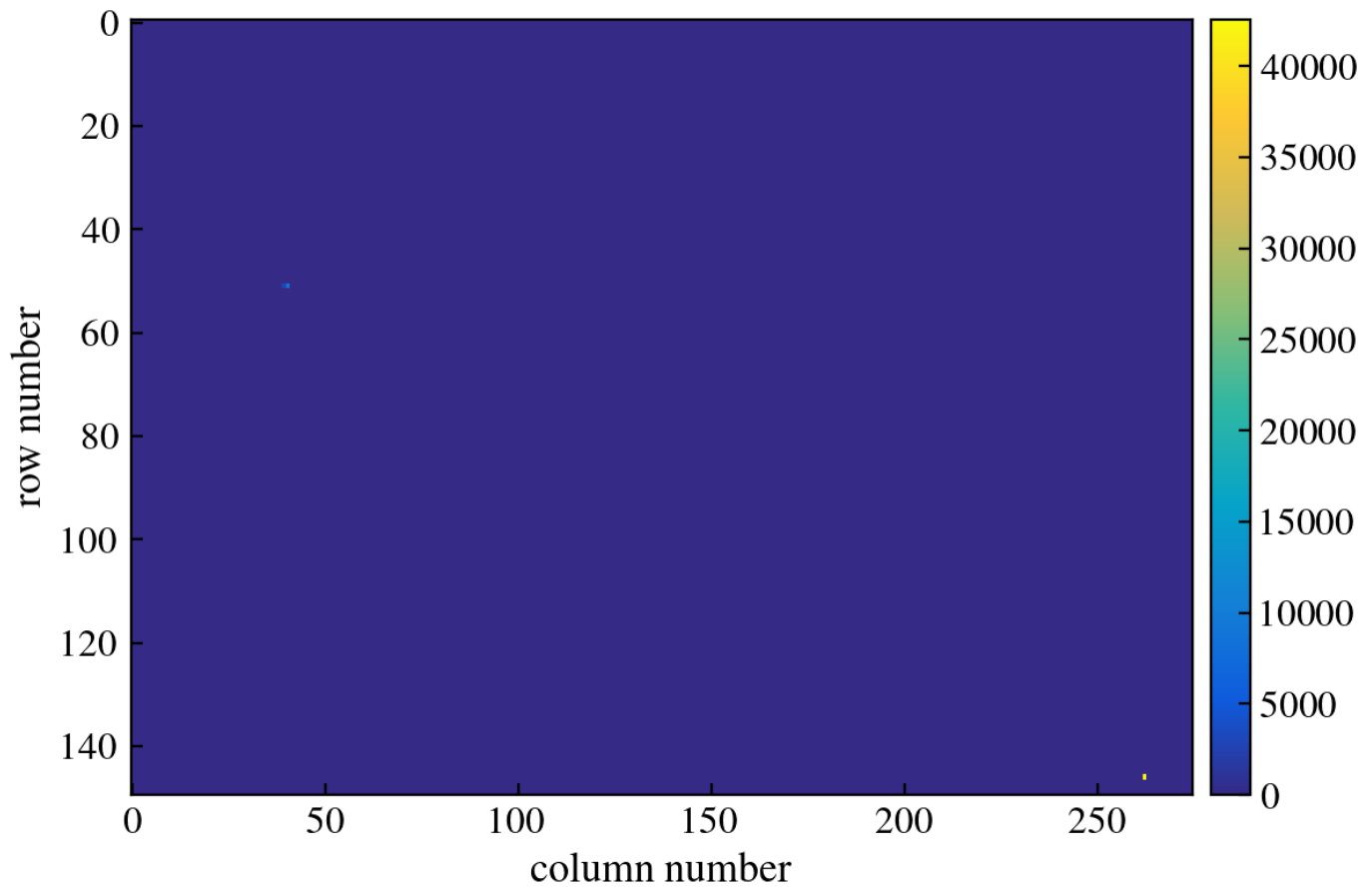


Figure 128: CCD Image

CCD Image: run 490, image 186
[class MECCDImage]

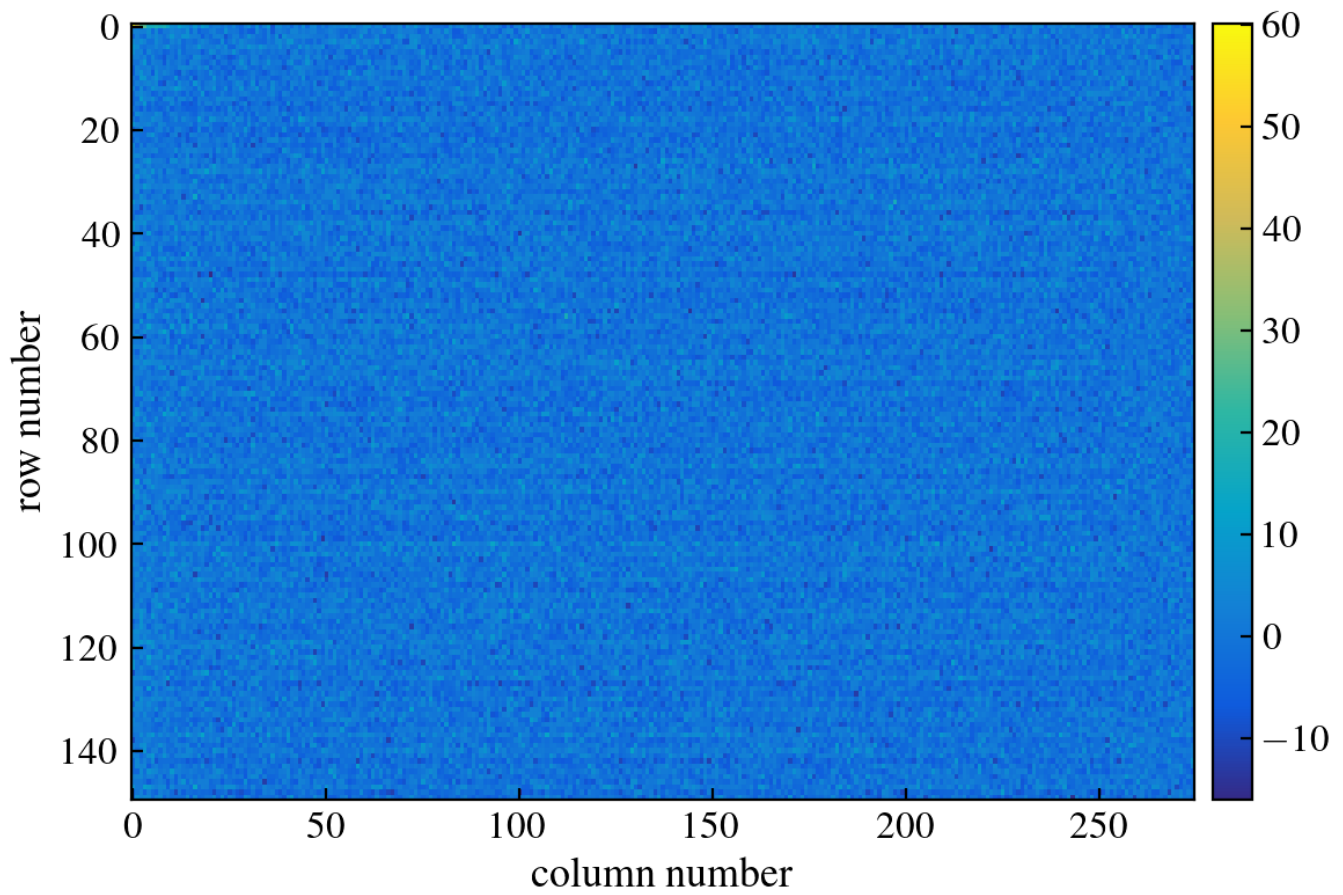


Figure 129: CCD Image

CCD Image: run 490, image 187
[class MECCDImage]

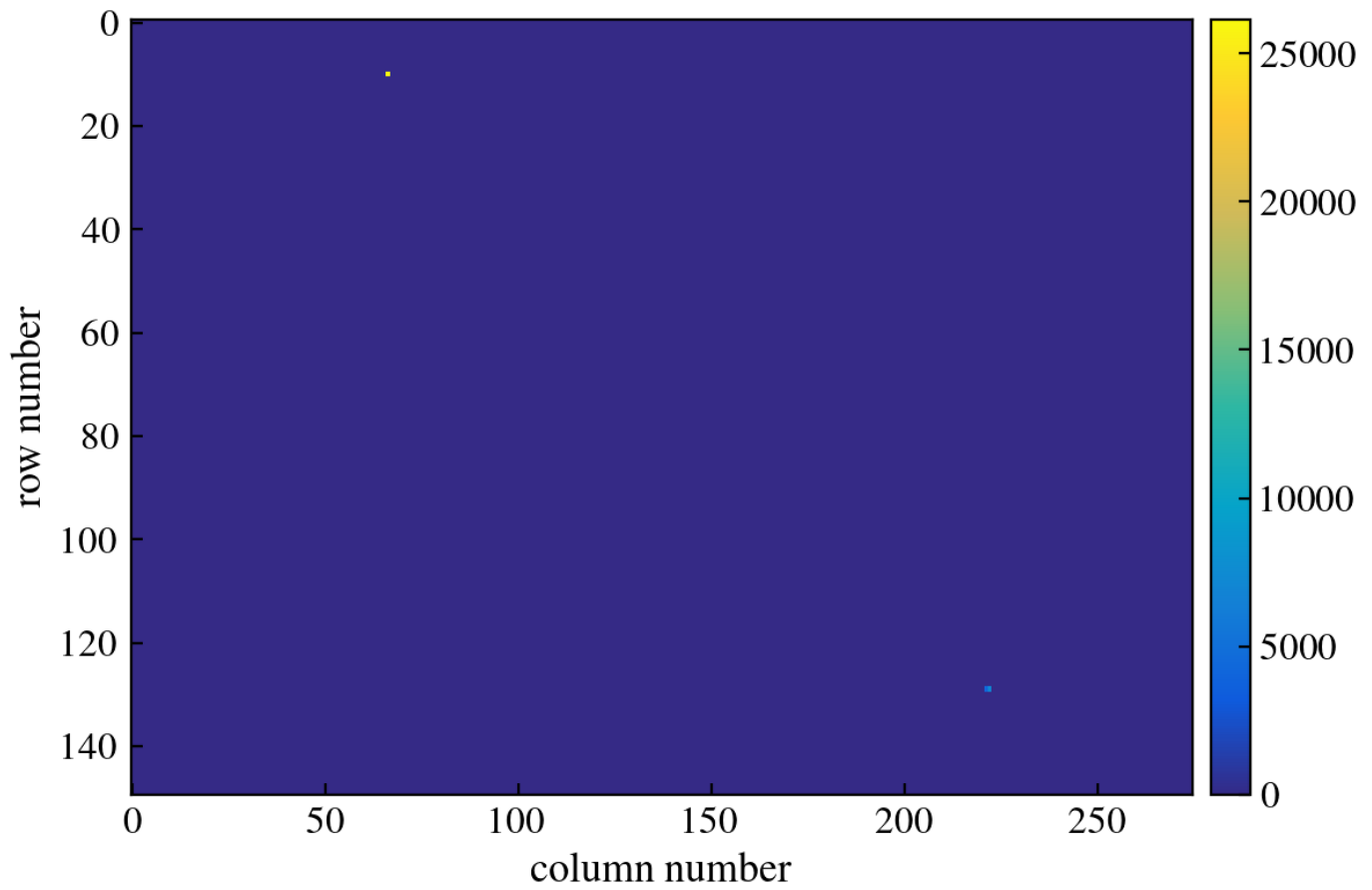


Figure 130: CCD Image

CCD Image: run 490, image 188
[class MECCDImage]

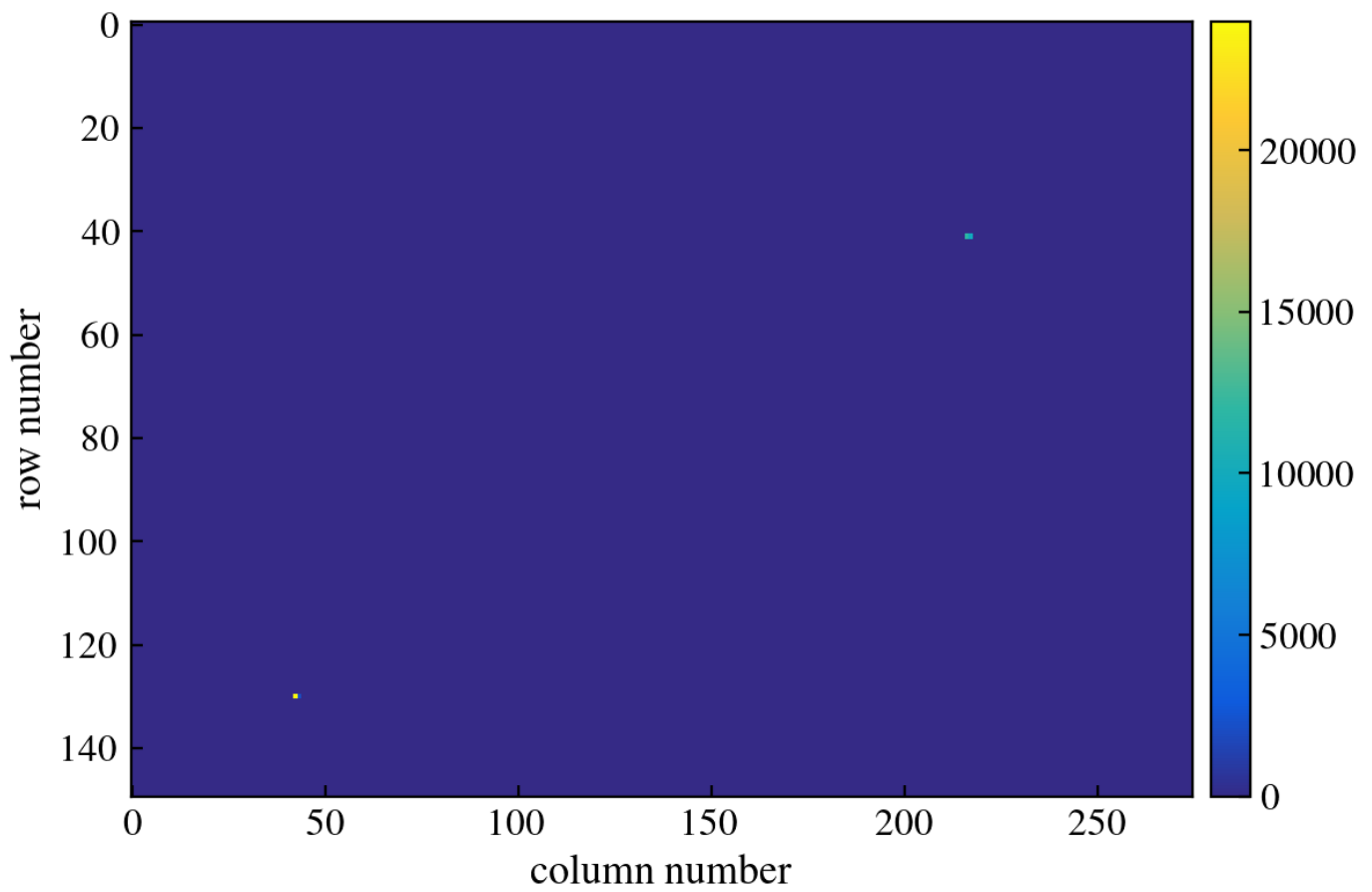


Figure 131: CCD Image

CCD Image: run 490, image 189
[class MECCDImage]

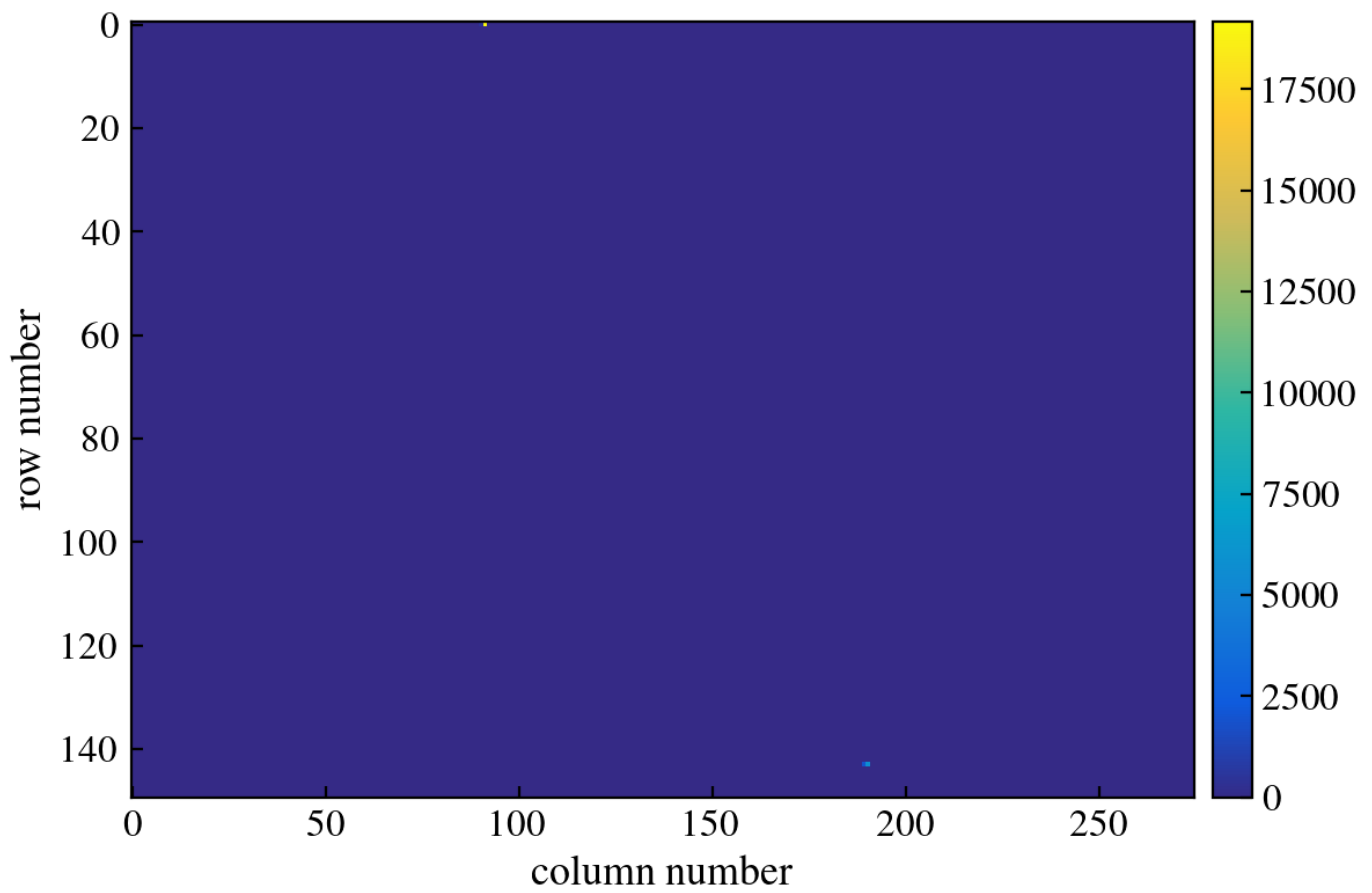


Figure 132: CCD Image

CCD Image: run 490, image 19
[class MECCDImage]

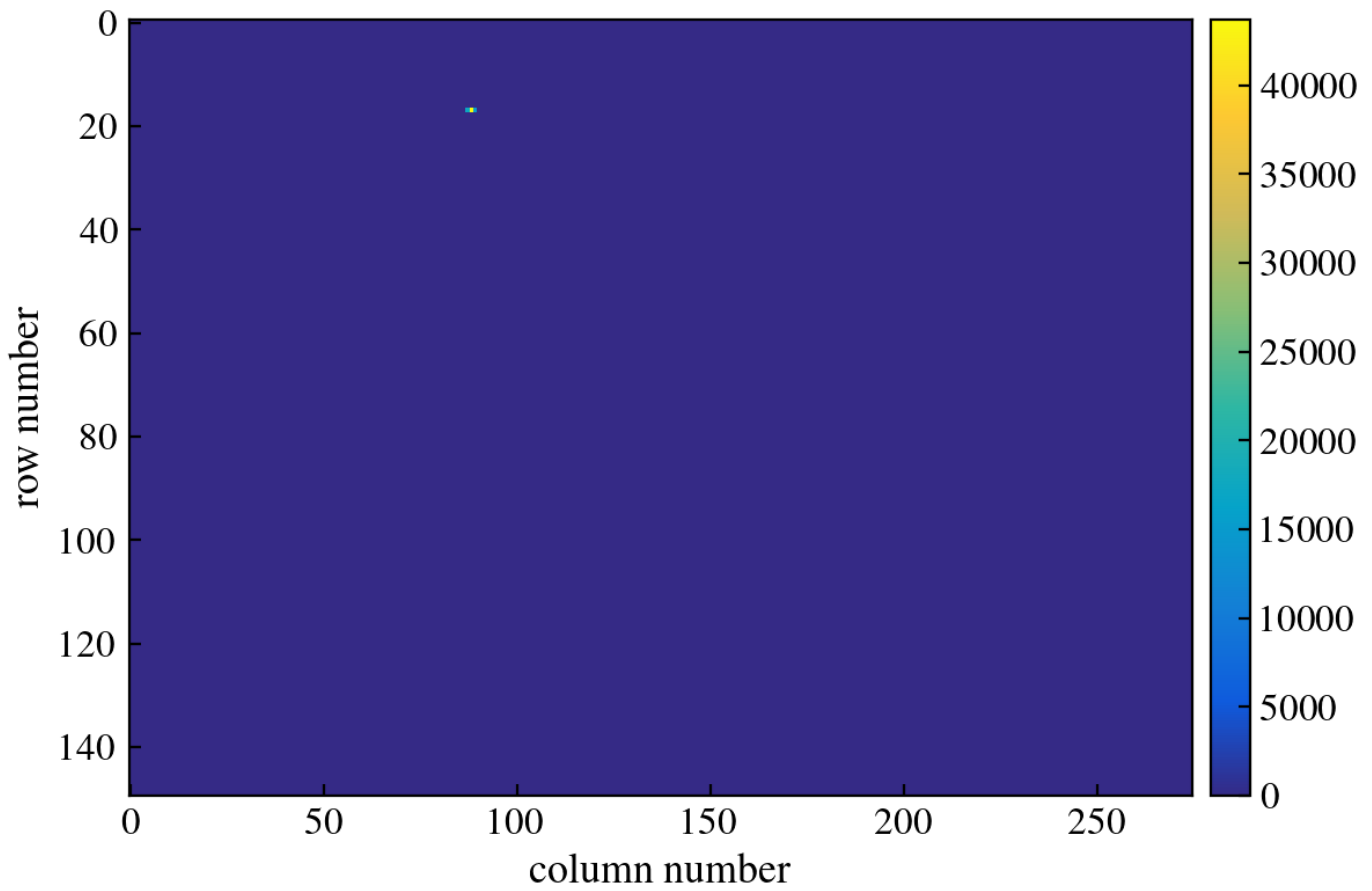


Figure 133: CCD Image

CCD Image: run 490, image 190
[class MECCDImage]

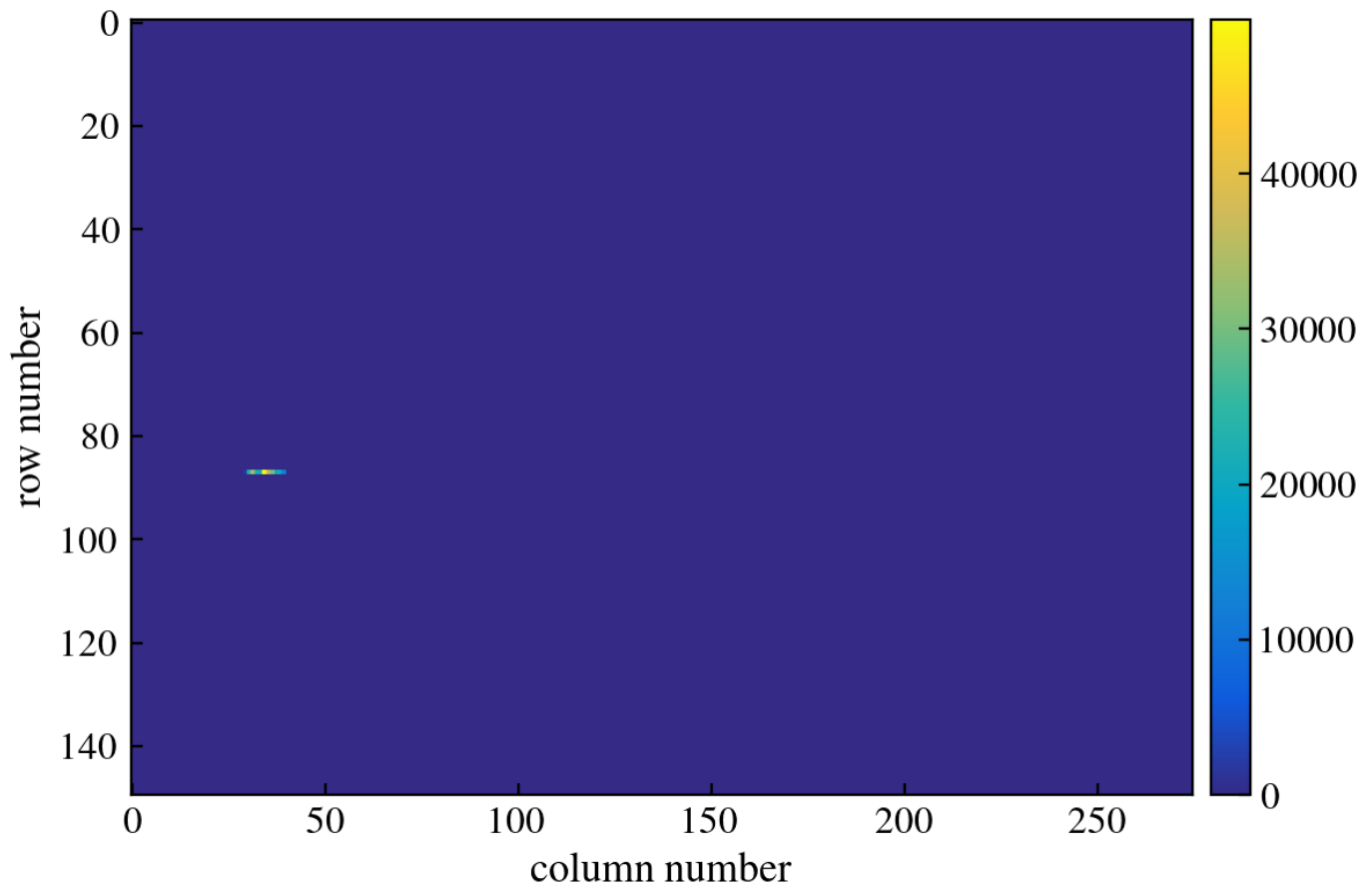


Figure 134: CCD Image

CCD Image: run 490, image 191
[class MECCDImage]

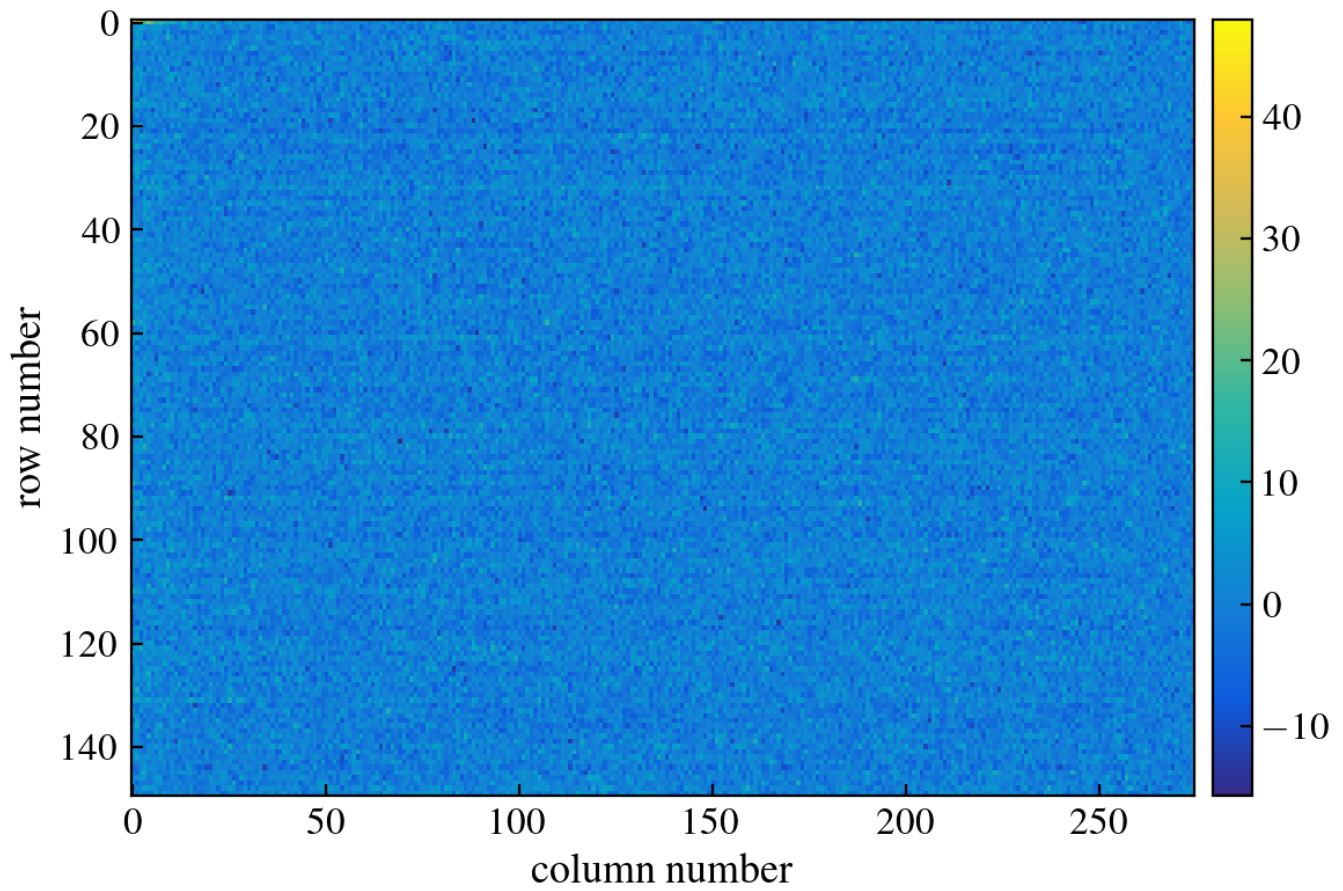


Figure 135: CCD Image

CCD Image: run 490, image 192
[class MECCDImage]

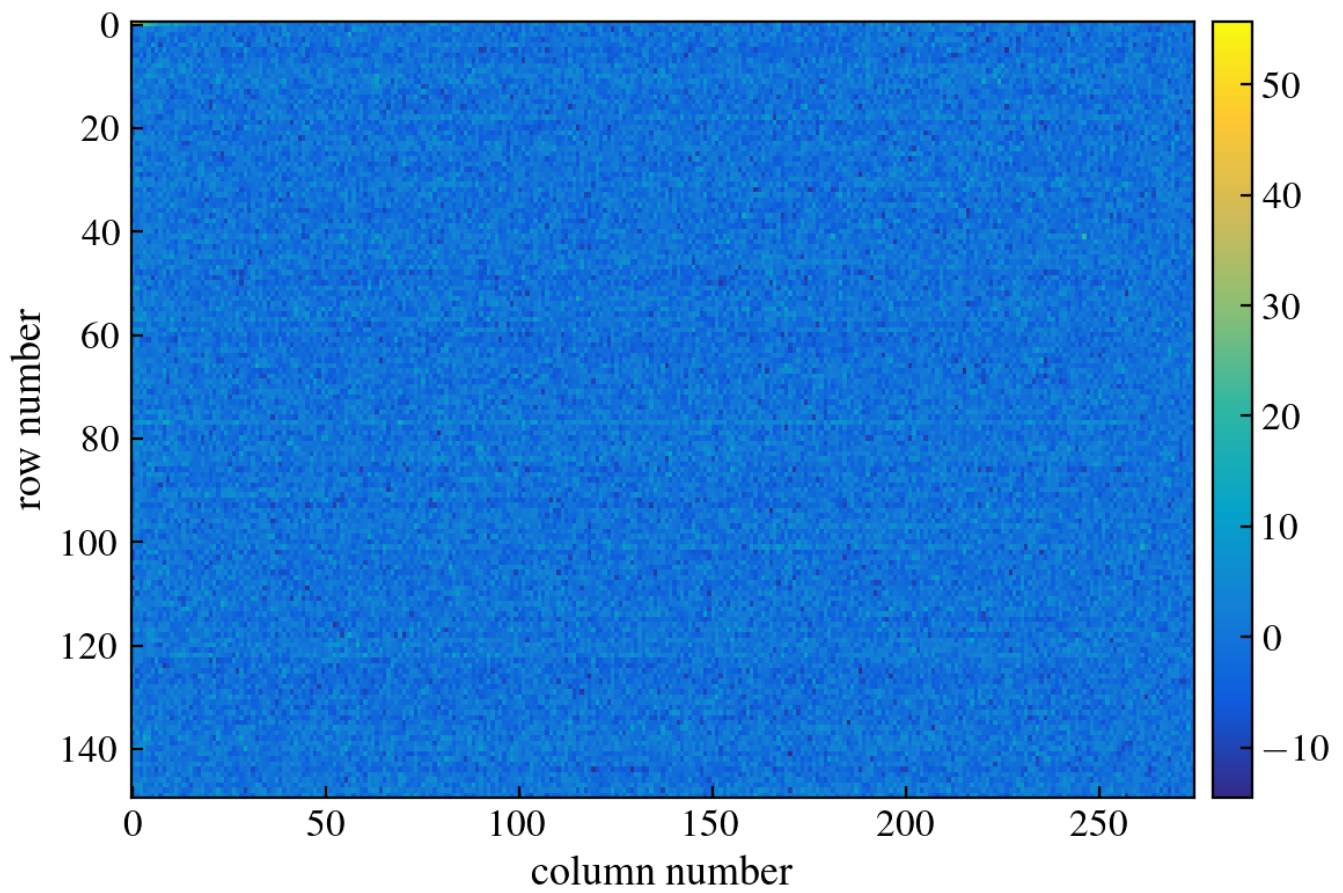


Figure 136: CCD Image

CCD Image: run 490, image 193
[class MECCDImage]

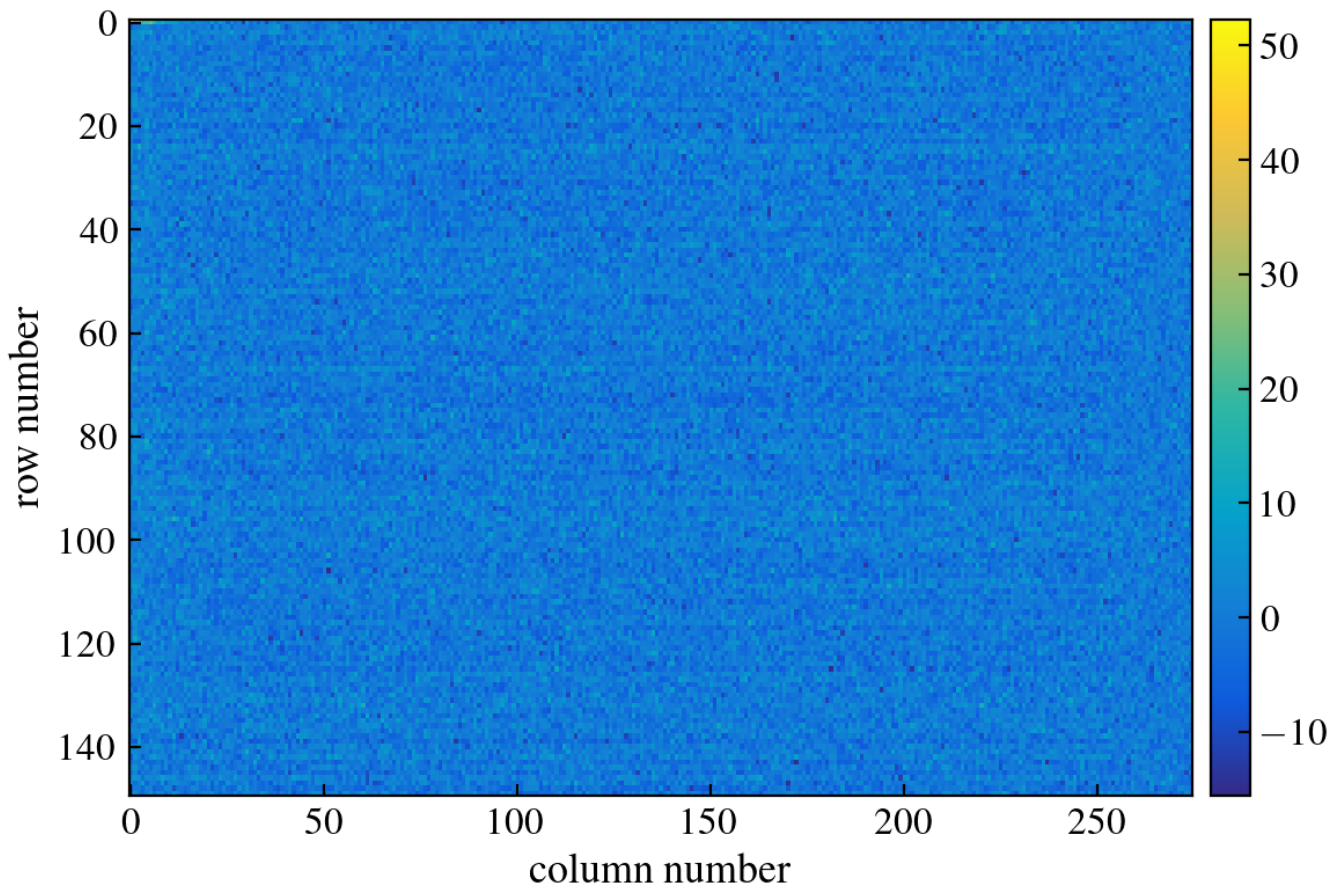


Figure 137: CCD Image

CCD Image: run 490, image 194
[class MECCDImage]

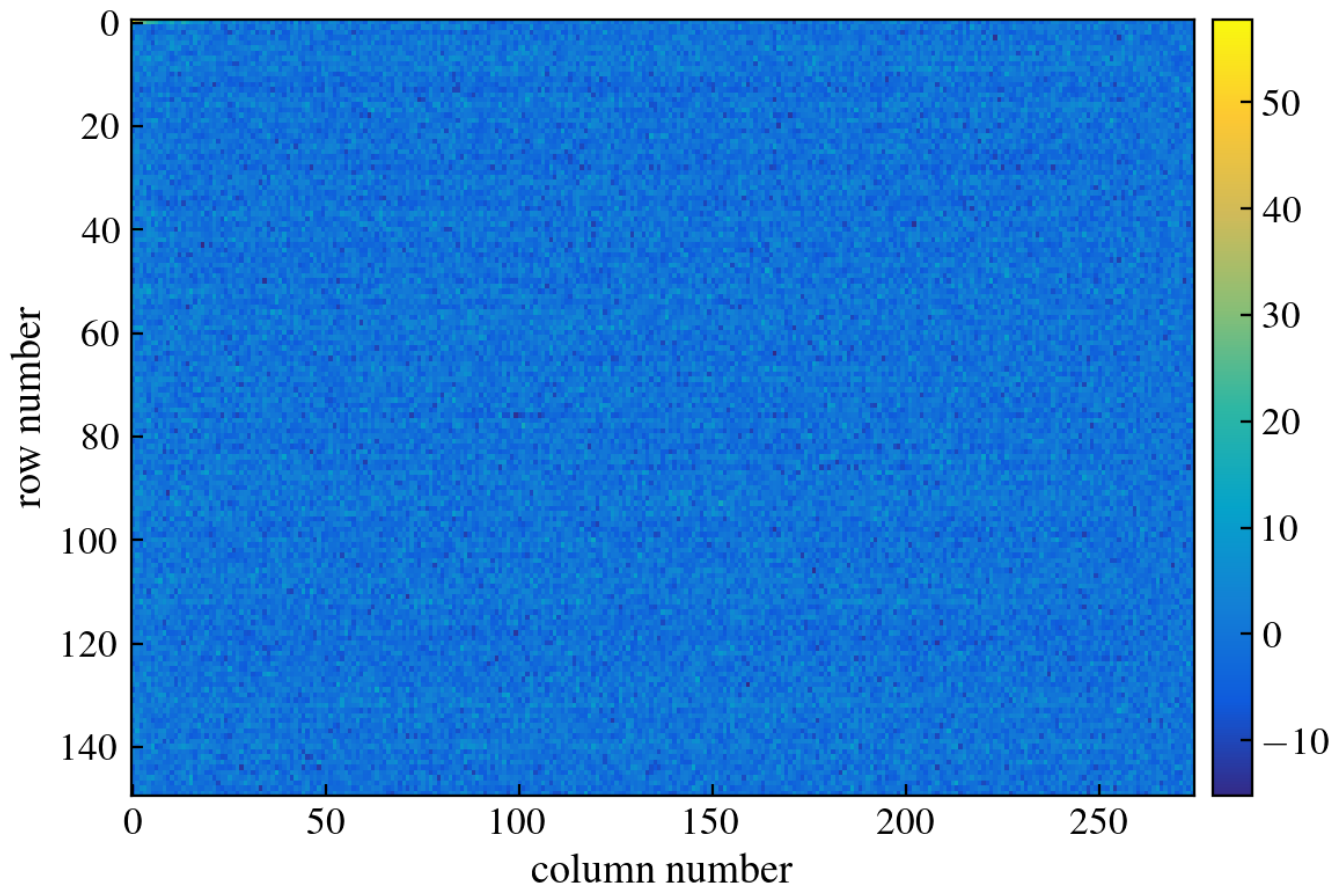


Figure 138: CCD Image

CCD Image: run 490, image 195
[class MECCDImage]

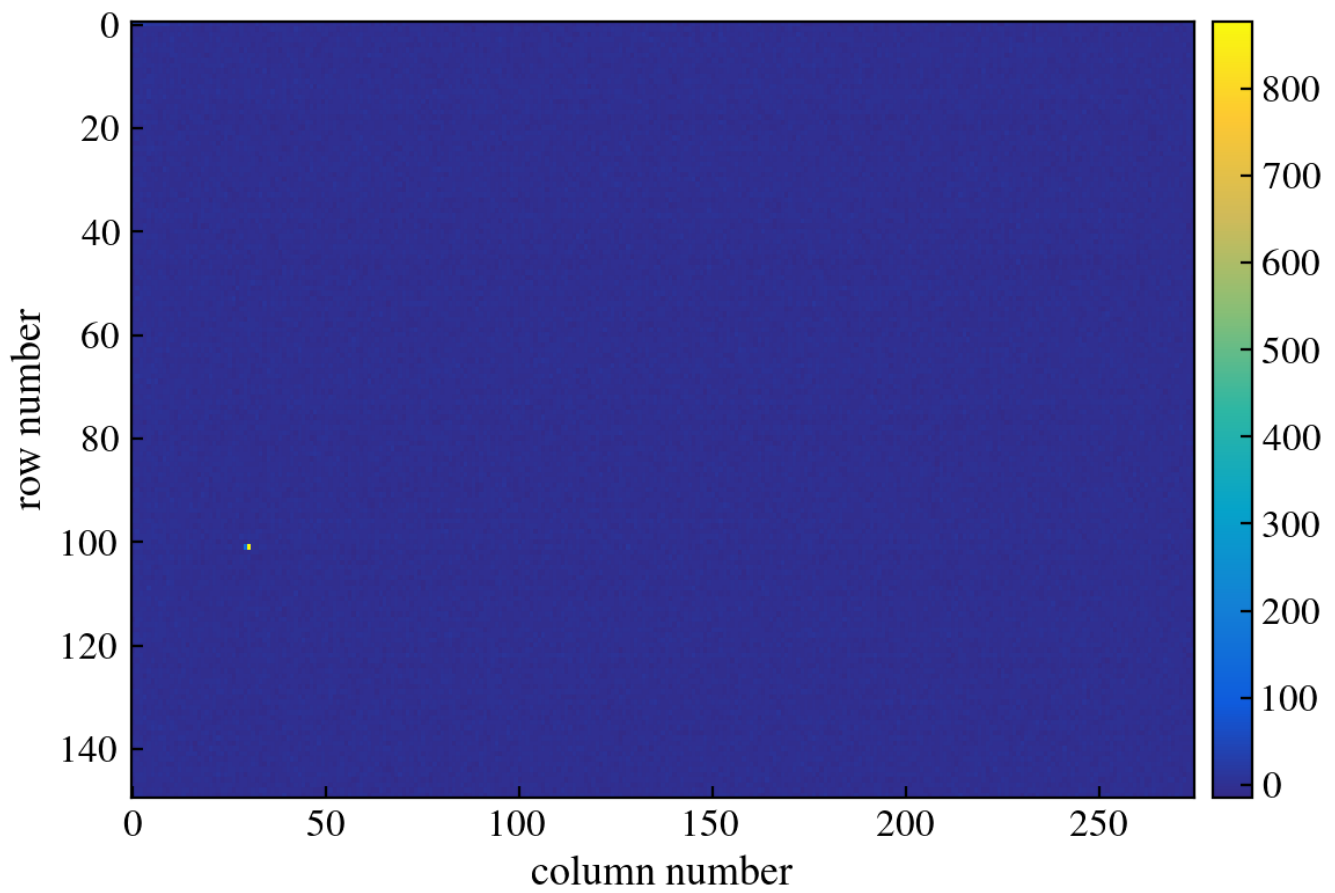


Figure 139: CCD Image

CCD Image: run 490, image 196
[class MECCDImage]

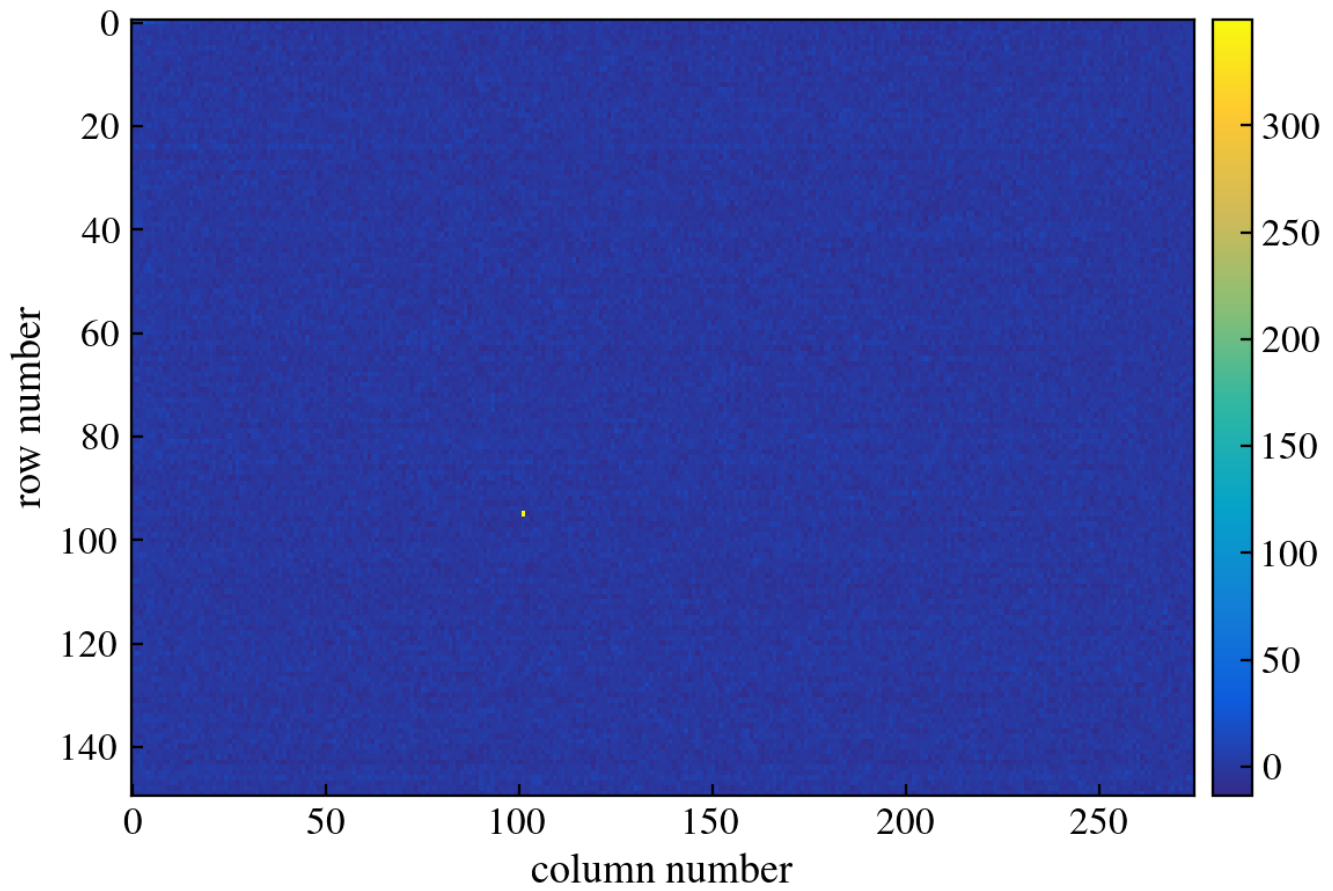


Figure 140: CCD Image

CCD Image: run 490, image 197
[class MECCDImage]

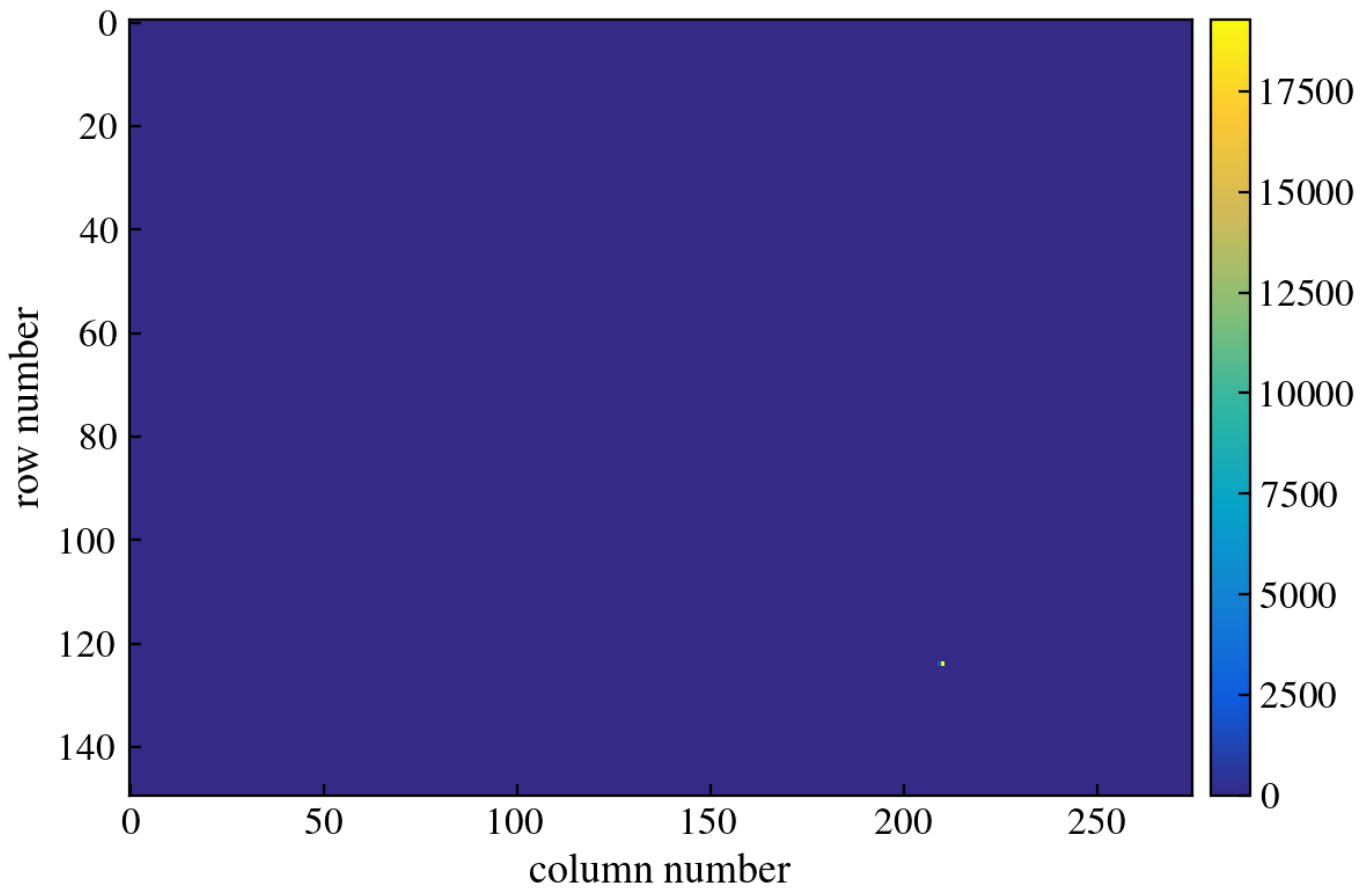


Figure 141: CCD Image

CCD Image: run 490, image 198
[class MECCDImage]

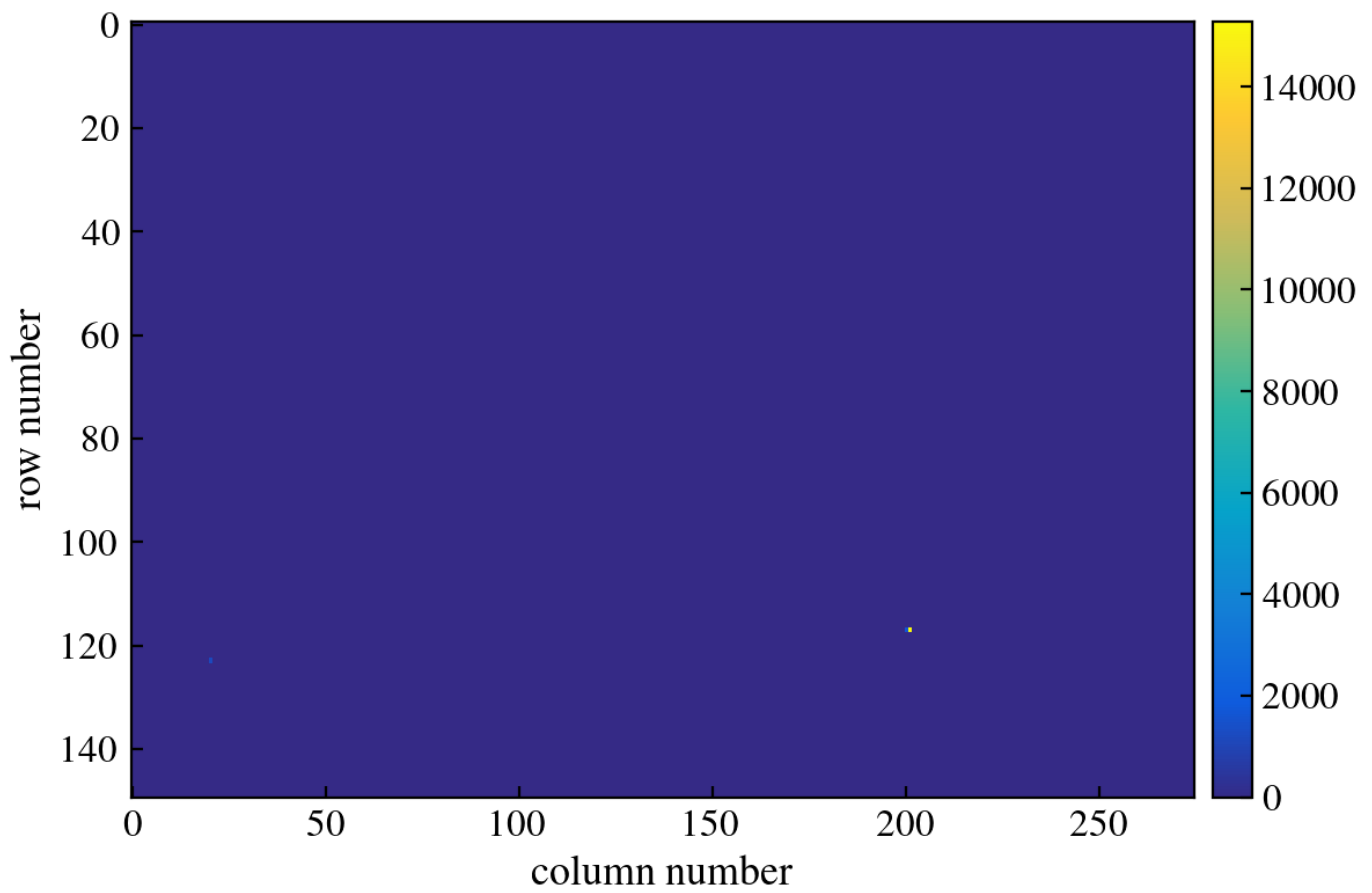


Figure 142: CCD Image

CCD Image: run 490, image 199
[class MECCDImage]

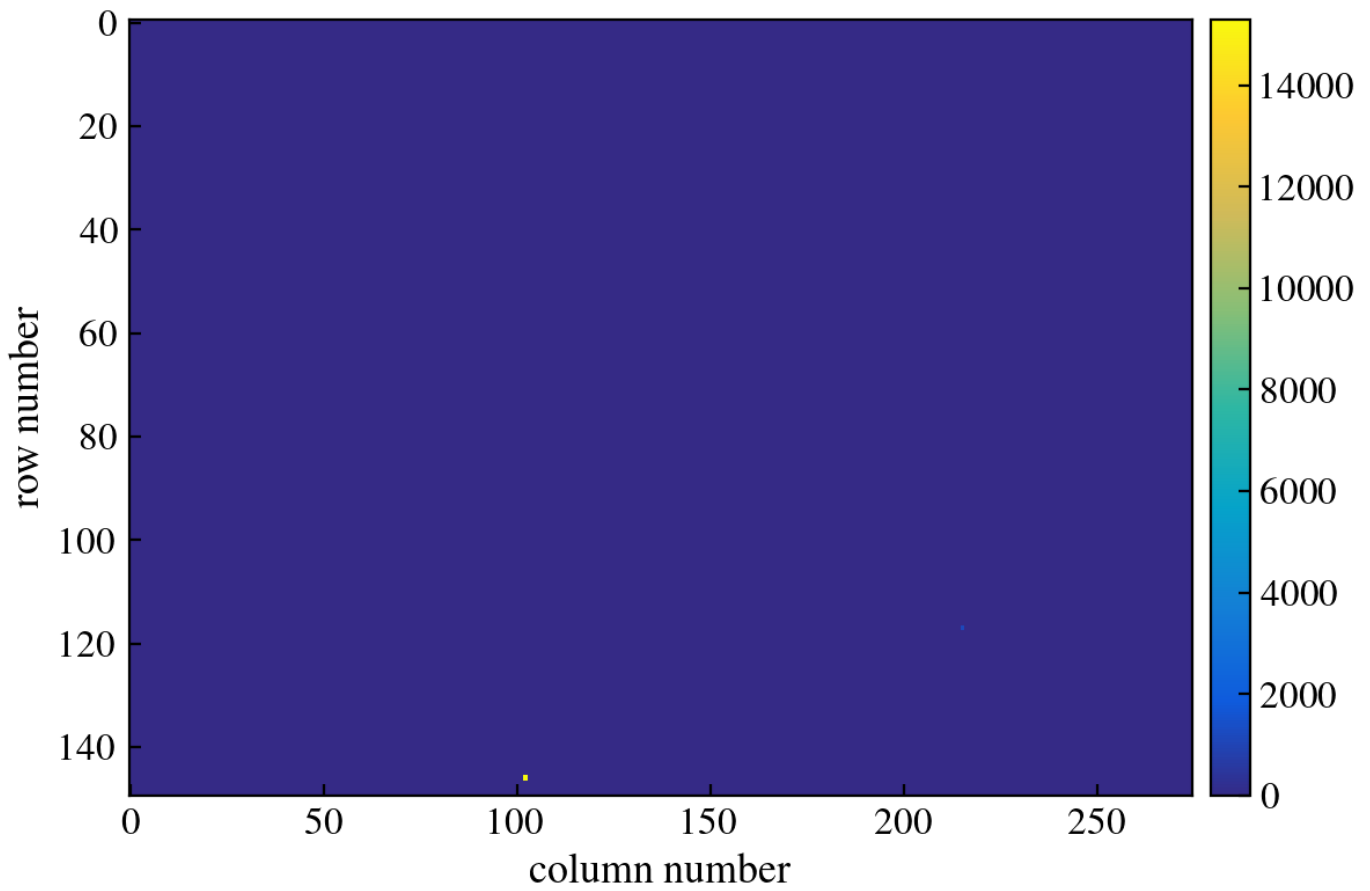


Figure 143: CCD Image

CCD Image: run 490, image 2
[class MECCDImage]

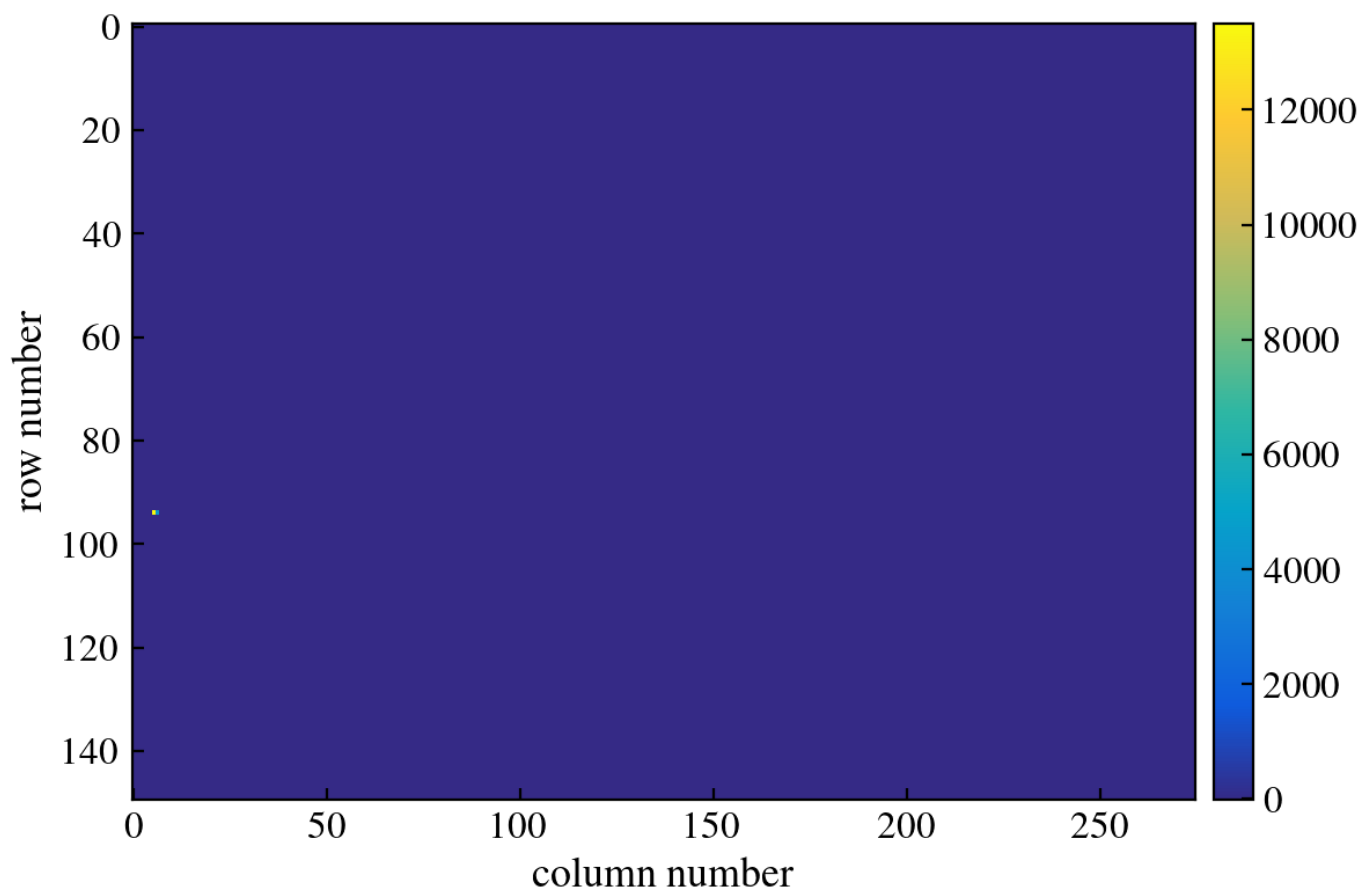


Figure 144: CCD Image

CCD Image: run 490, image 20
[class MECCDImage]

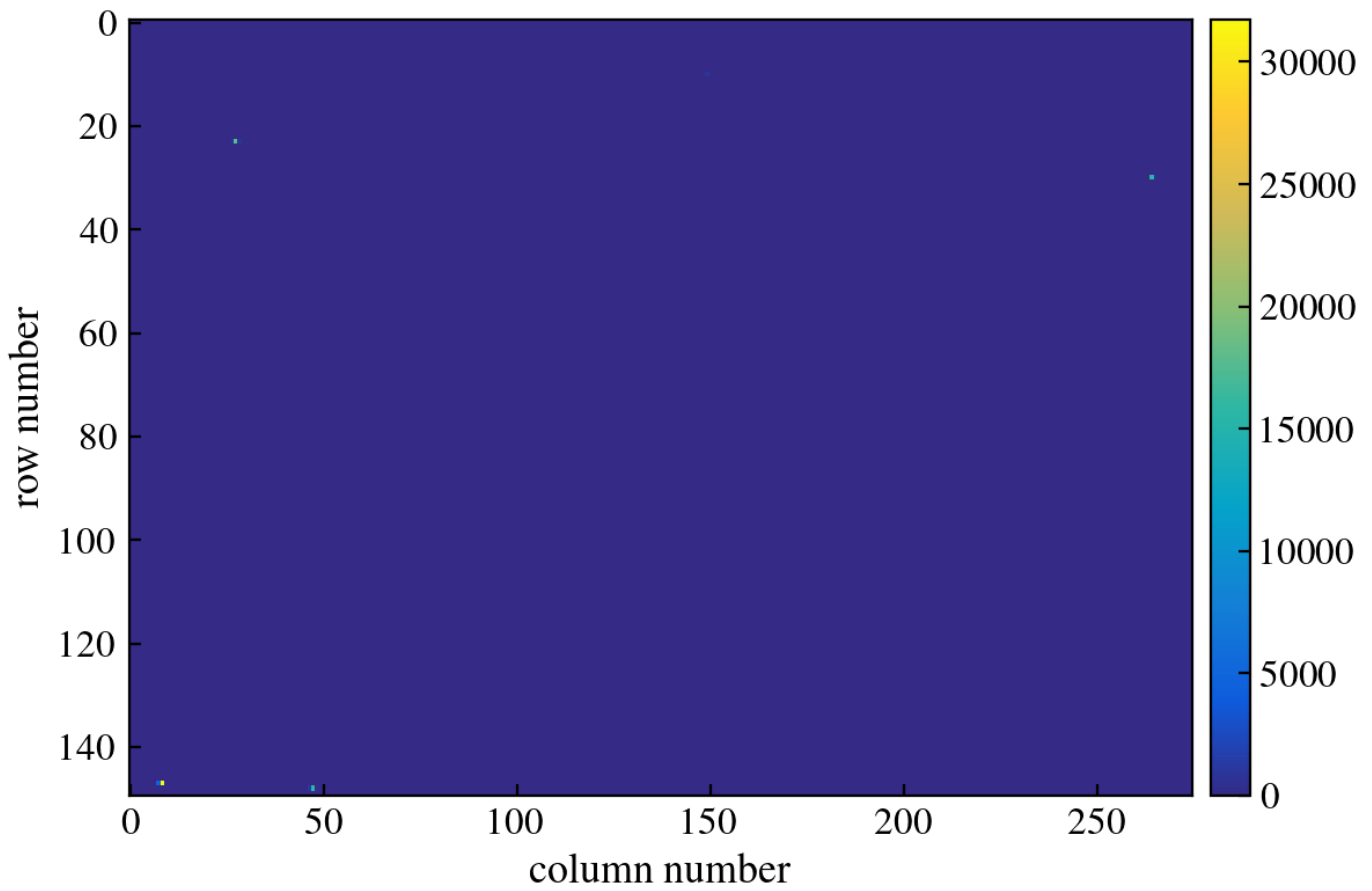


Figure 145: CCD Image

CCD Image: run 490, image 200
[class MECCDImage]

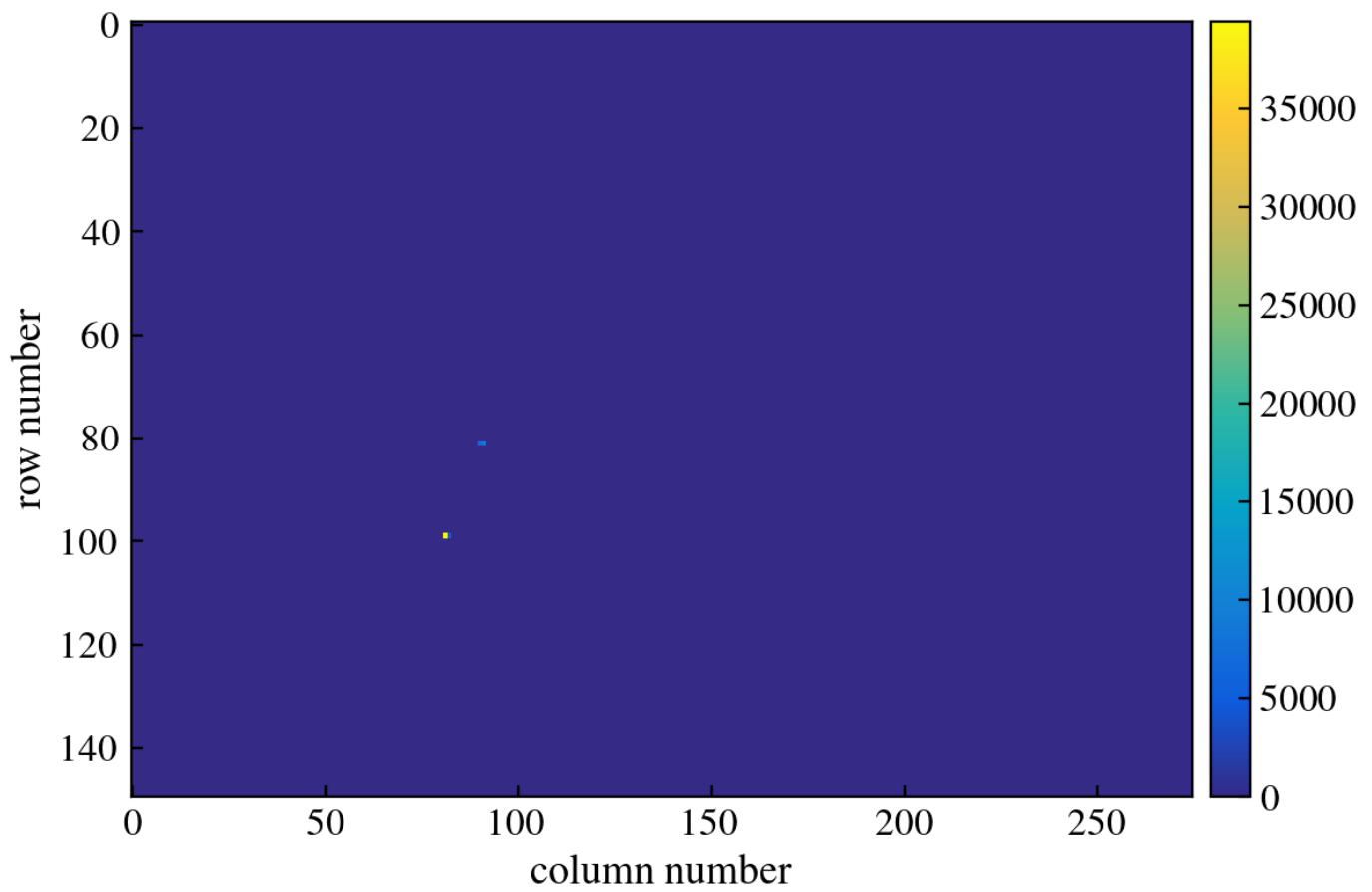


Figure 146: CCD Image

CCD Image: run 490, image 201
[class MECCDImage]

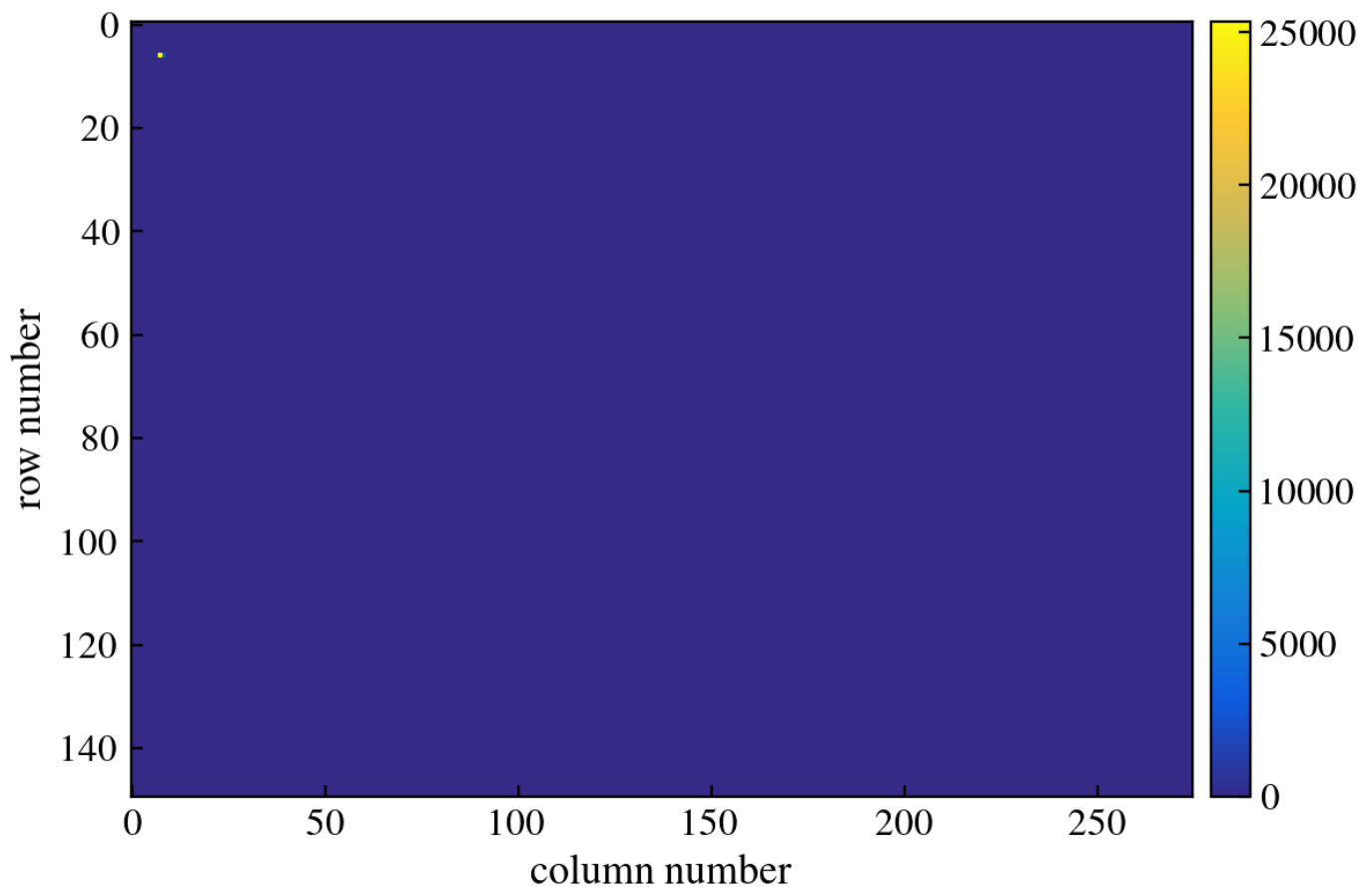


Figure 147: CCD Image

CCD Image: run 490, image 202
[class MECCDImage]

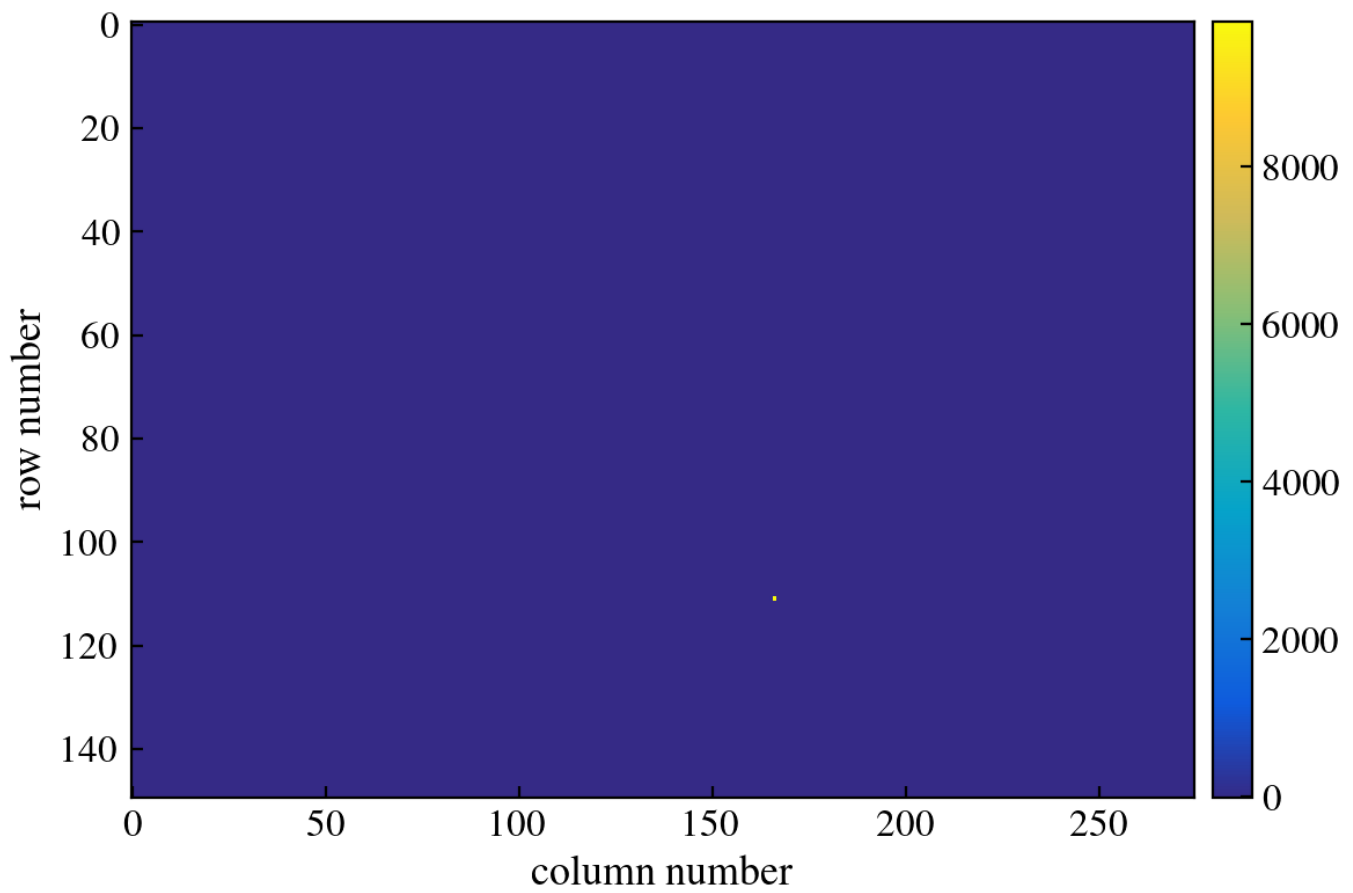


Figure 148: CCD Image

CCD Image: run 490, image 203
[class MECCDImage]

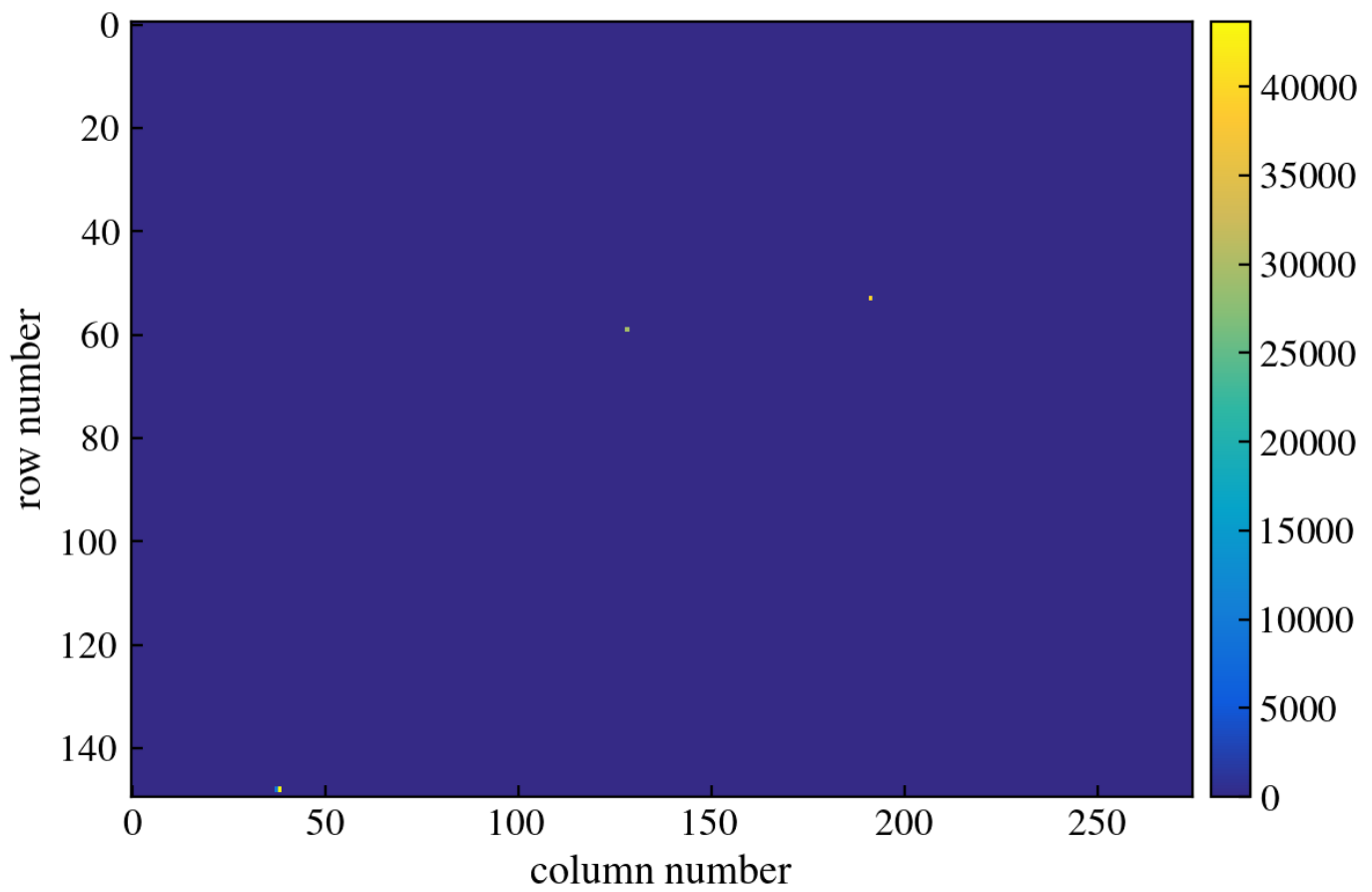


Figure 149: CCD Image

CCD Image: run 490, image 204
[class MECCDImage]

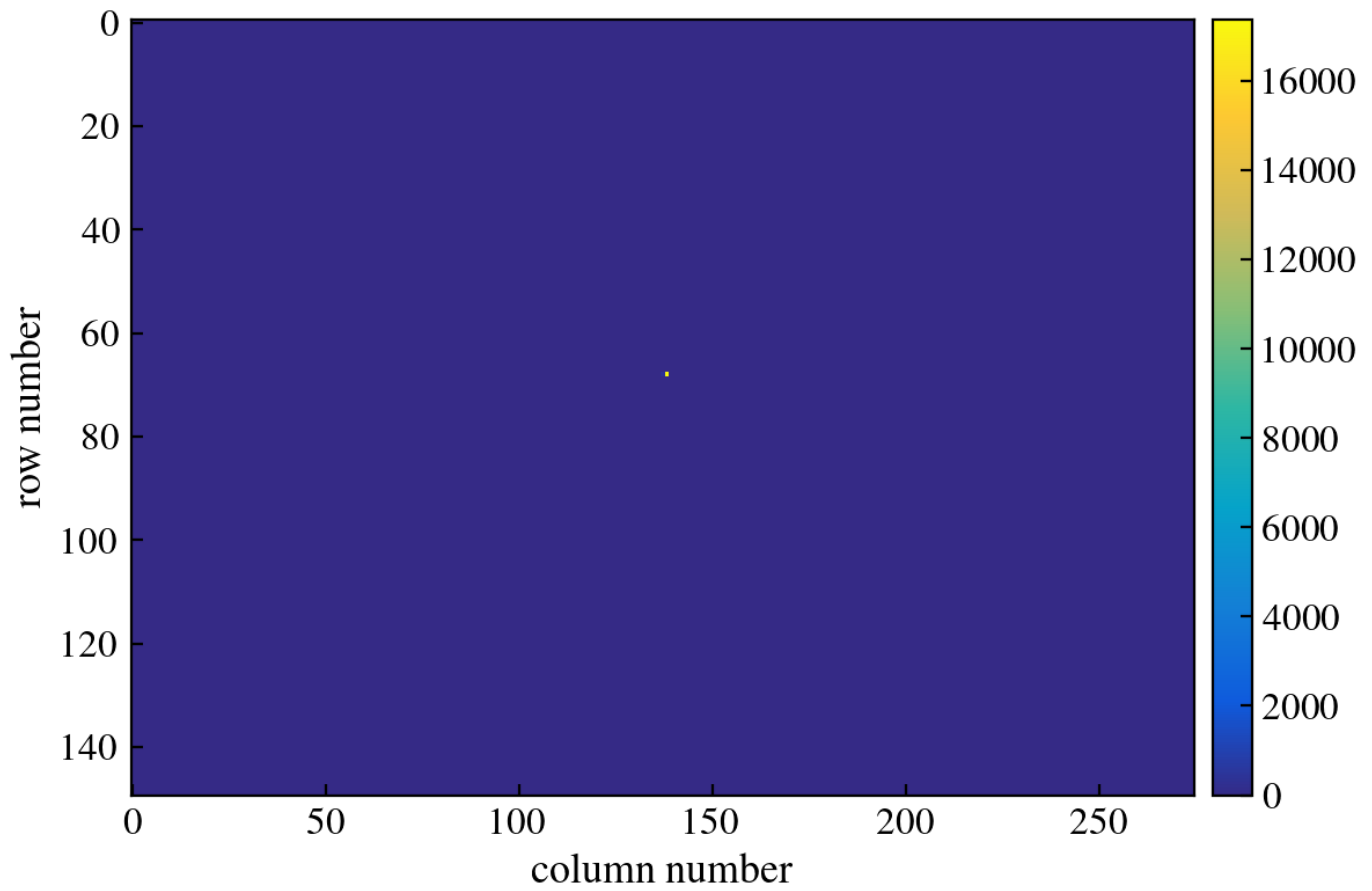


Figure 150: CCD Image

CCD Image: run 490, image 205
[class MECCDImage]

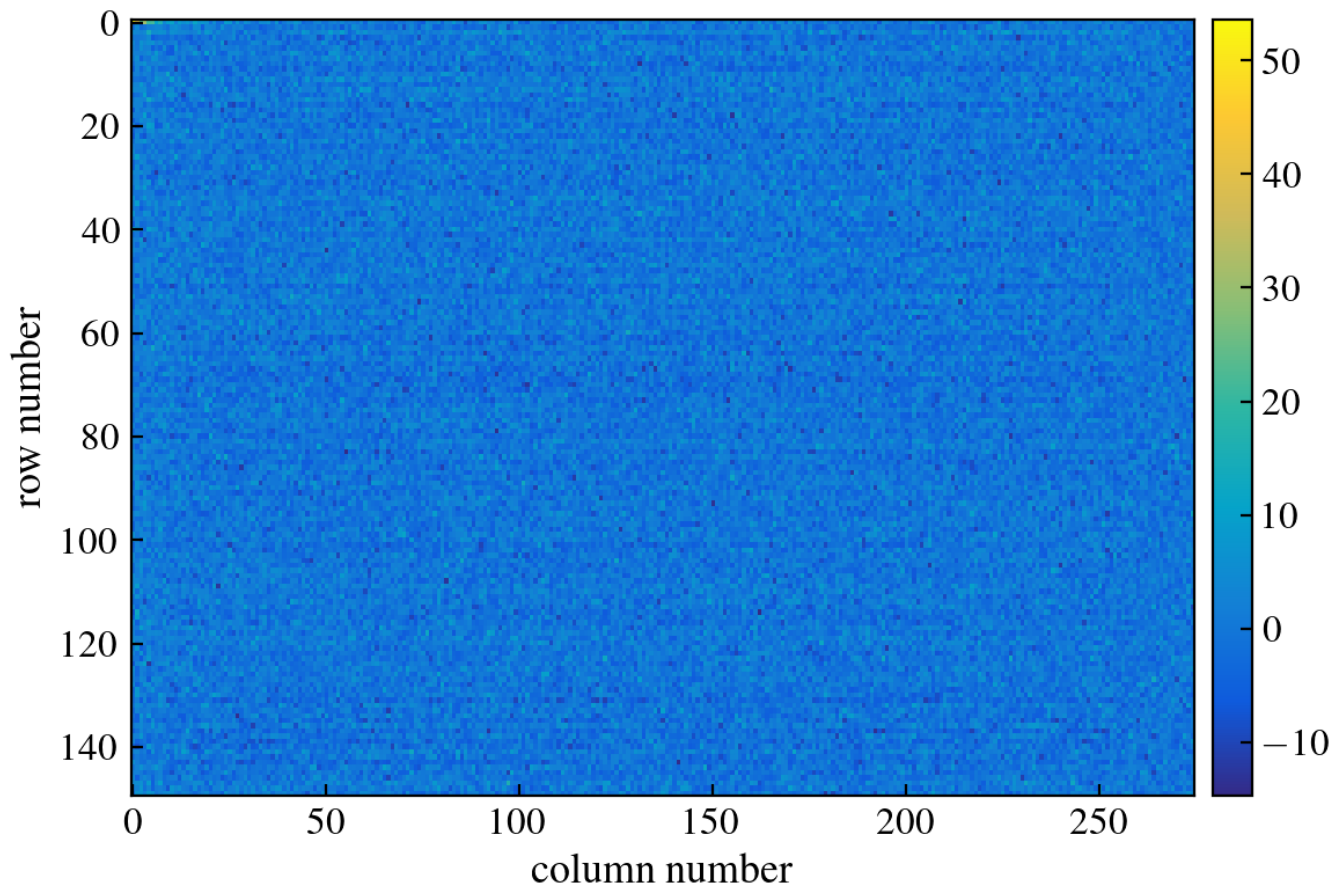


Figure 151: CCD Image

CCD Image: run 490, image 206
[class MECCDImage]

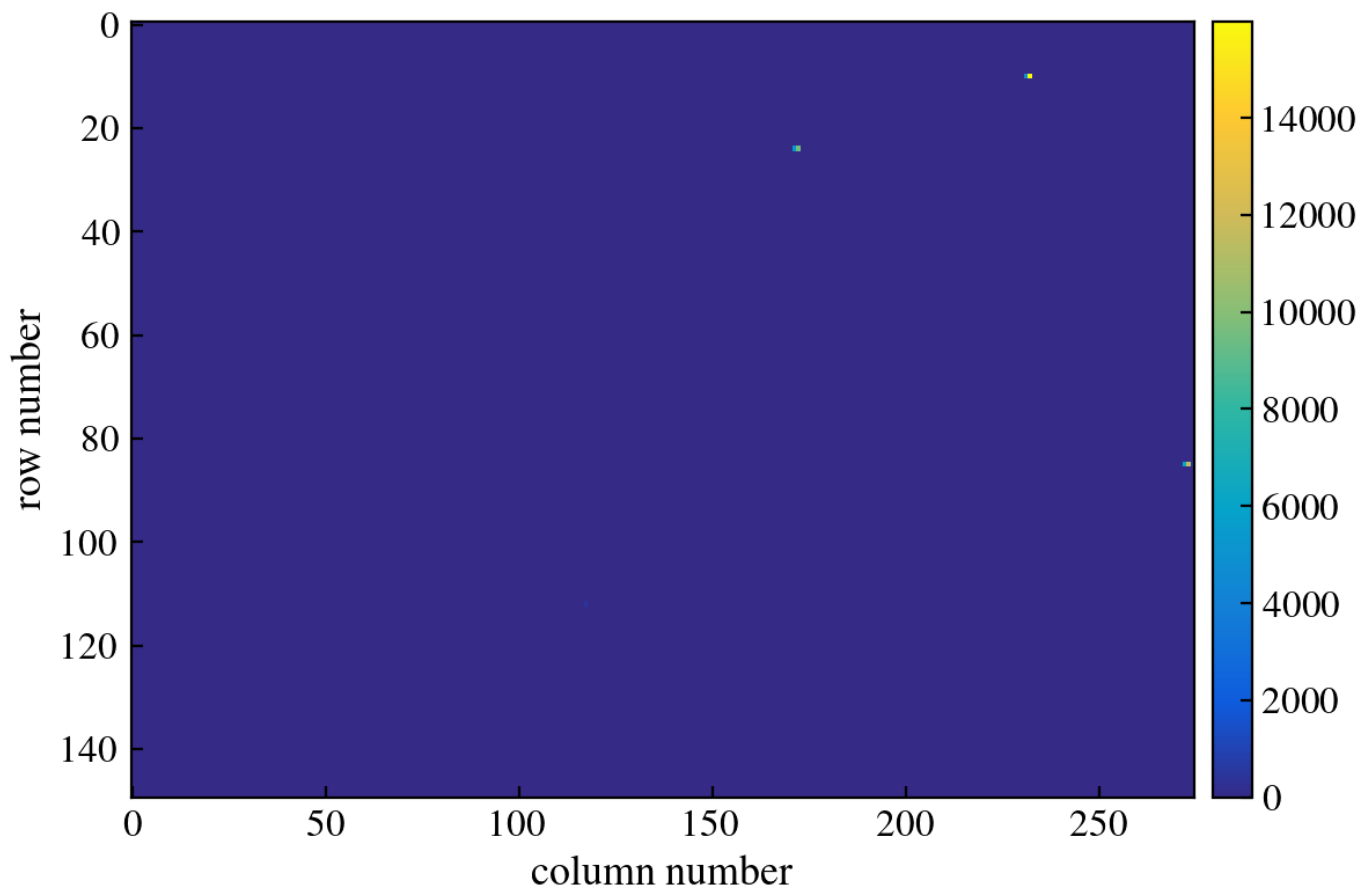


Figure 152: CCD Image

CCD Image: run 490, image 207
[class MECCDImage]

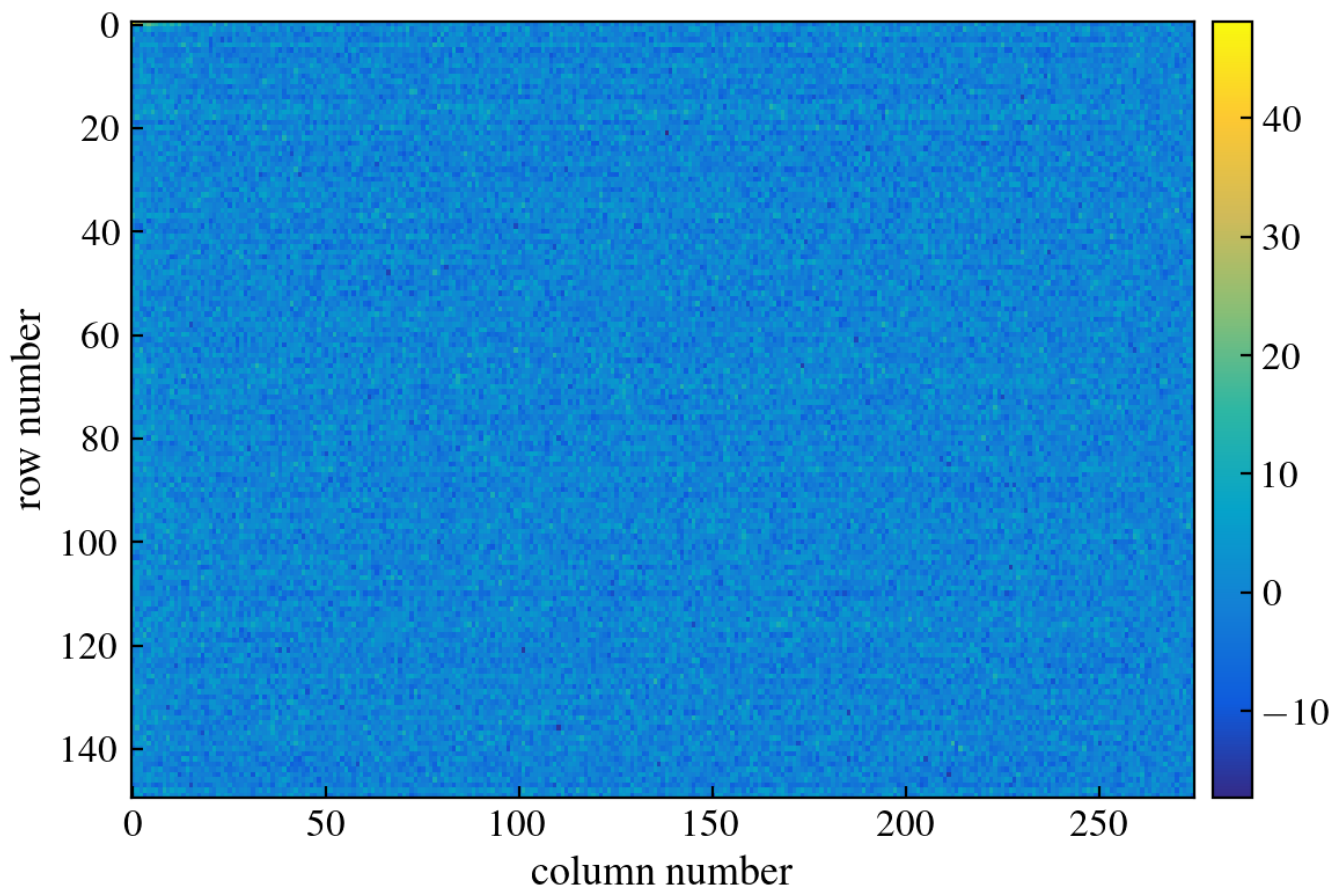


Figure 153: CCD Image

CCD Image: run 490, image 208
[class MECCDImage]

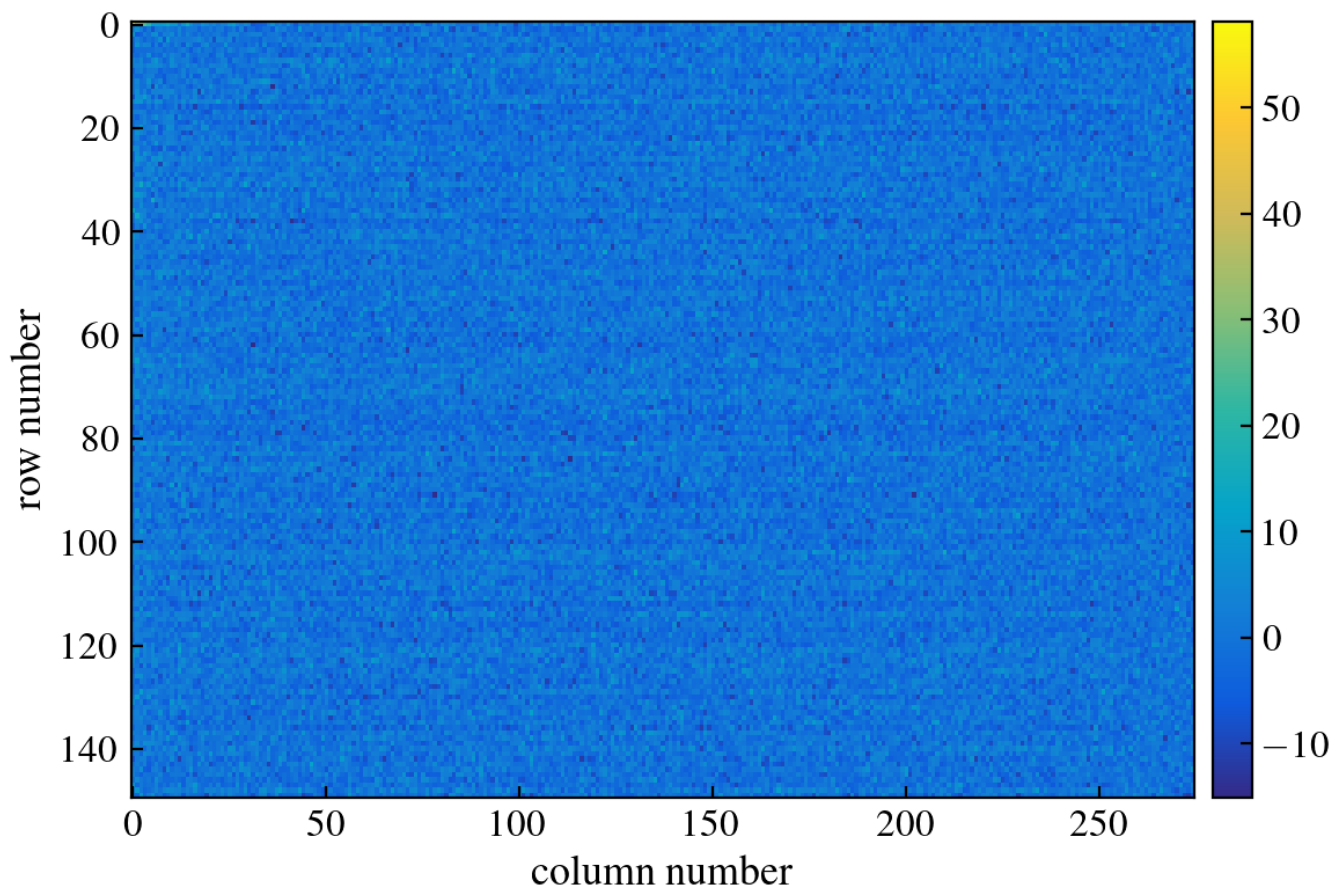


Figure 154: CCD Image

CCD Image: run 490, image 209
[class MECCDImage]

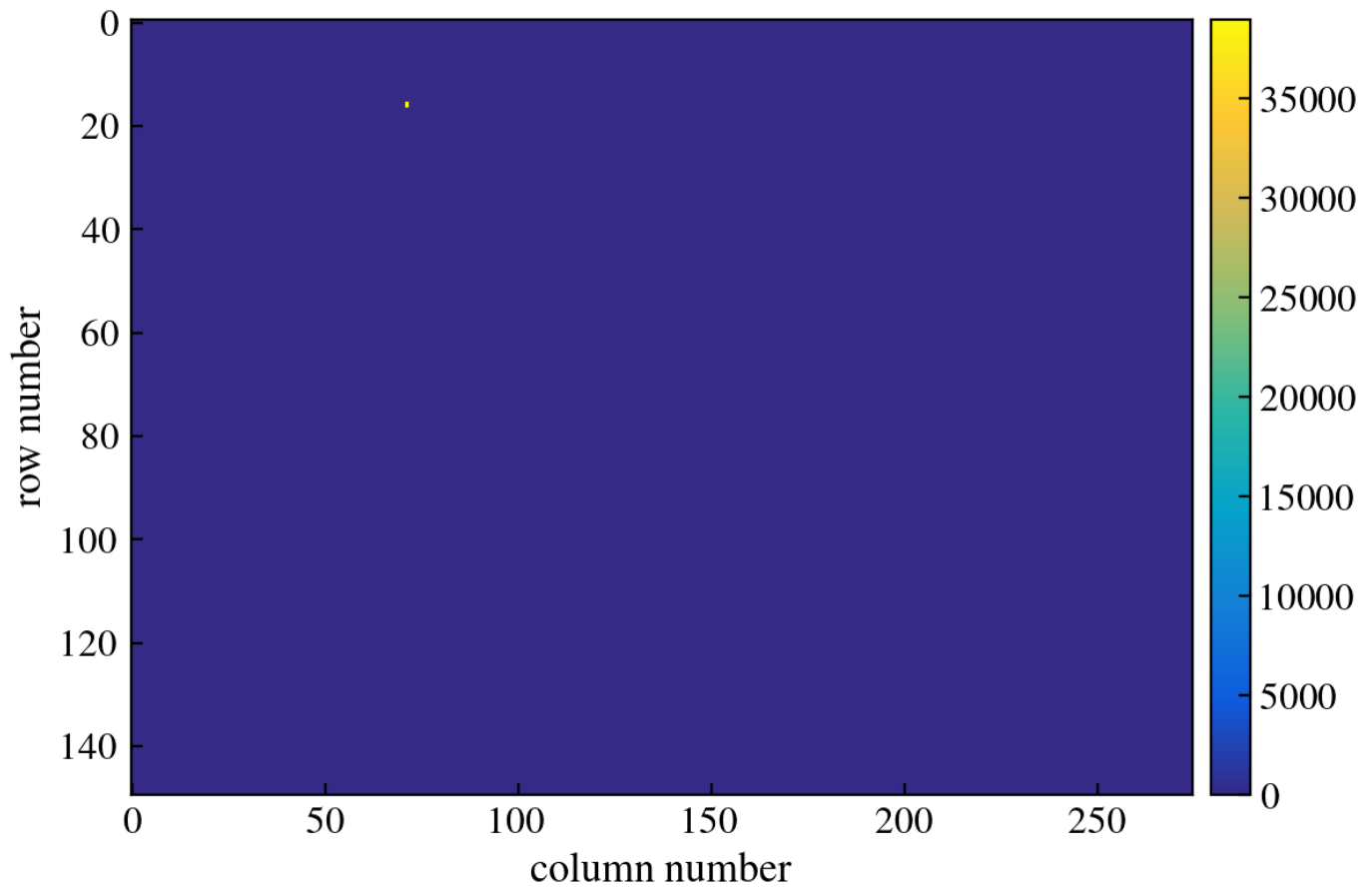


Figure 155: CCD Image

CCD Image: run 490, image 21
[class MECCDImage]

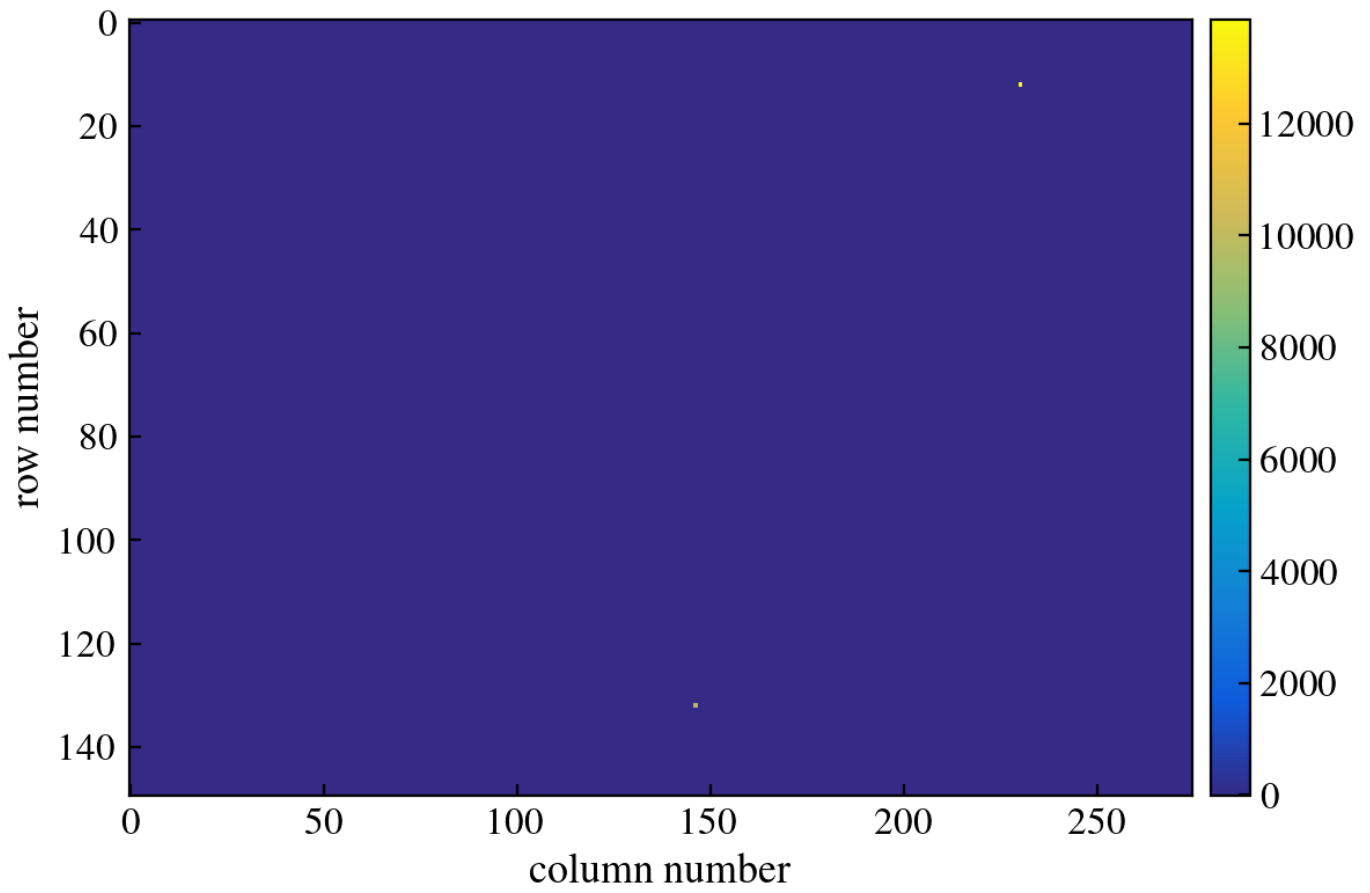


Figure 156: CCD Image

CCD Image: run 490, image 210
[class MECCDImage]

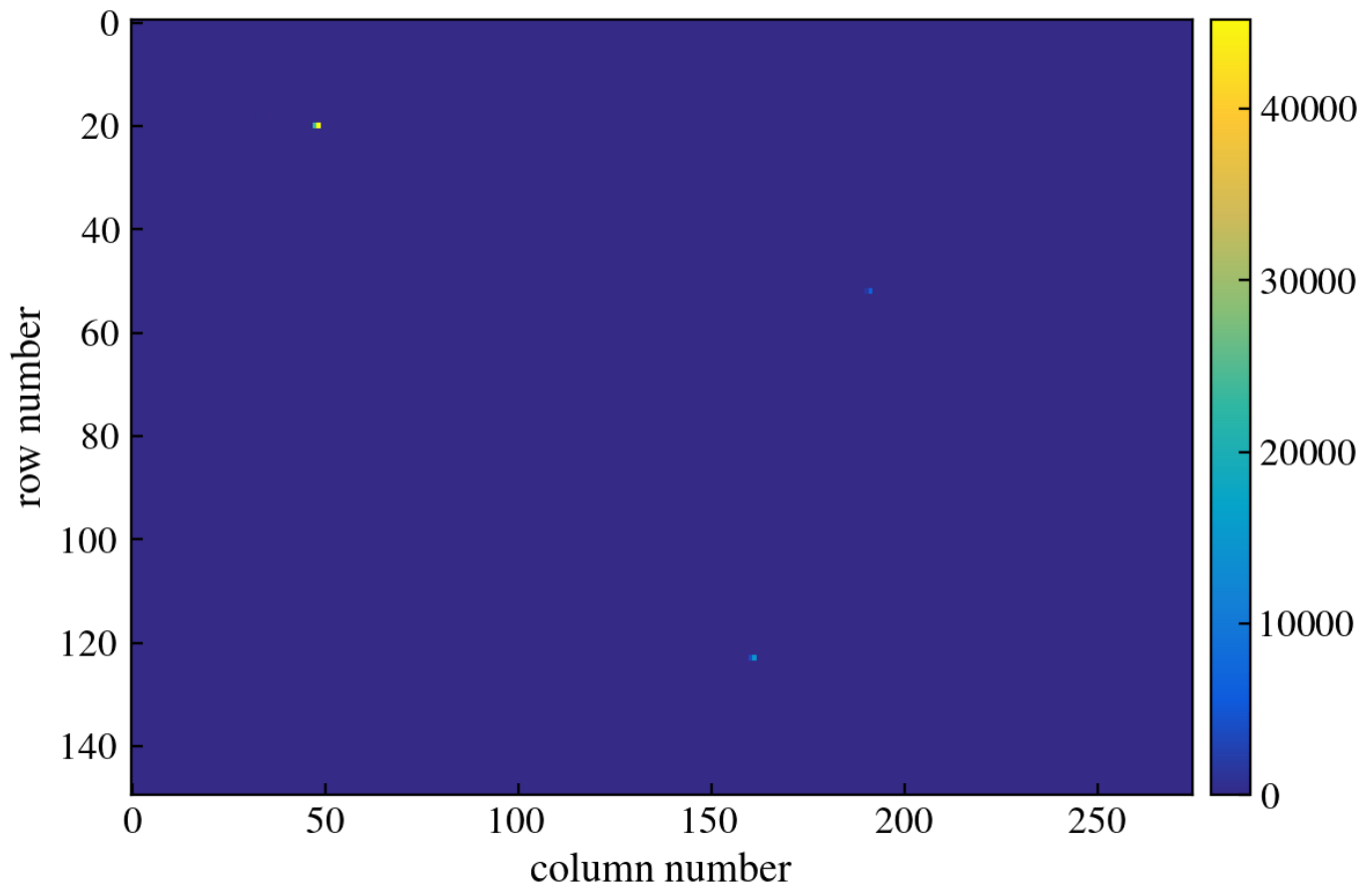


Figure 157: CCD Image

CCD Image: run 490, image 211
[class MECCDImage]

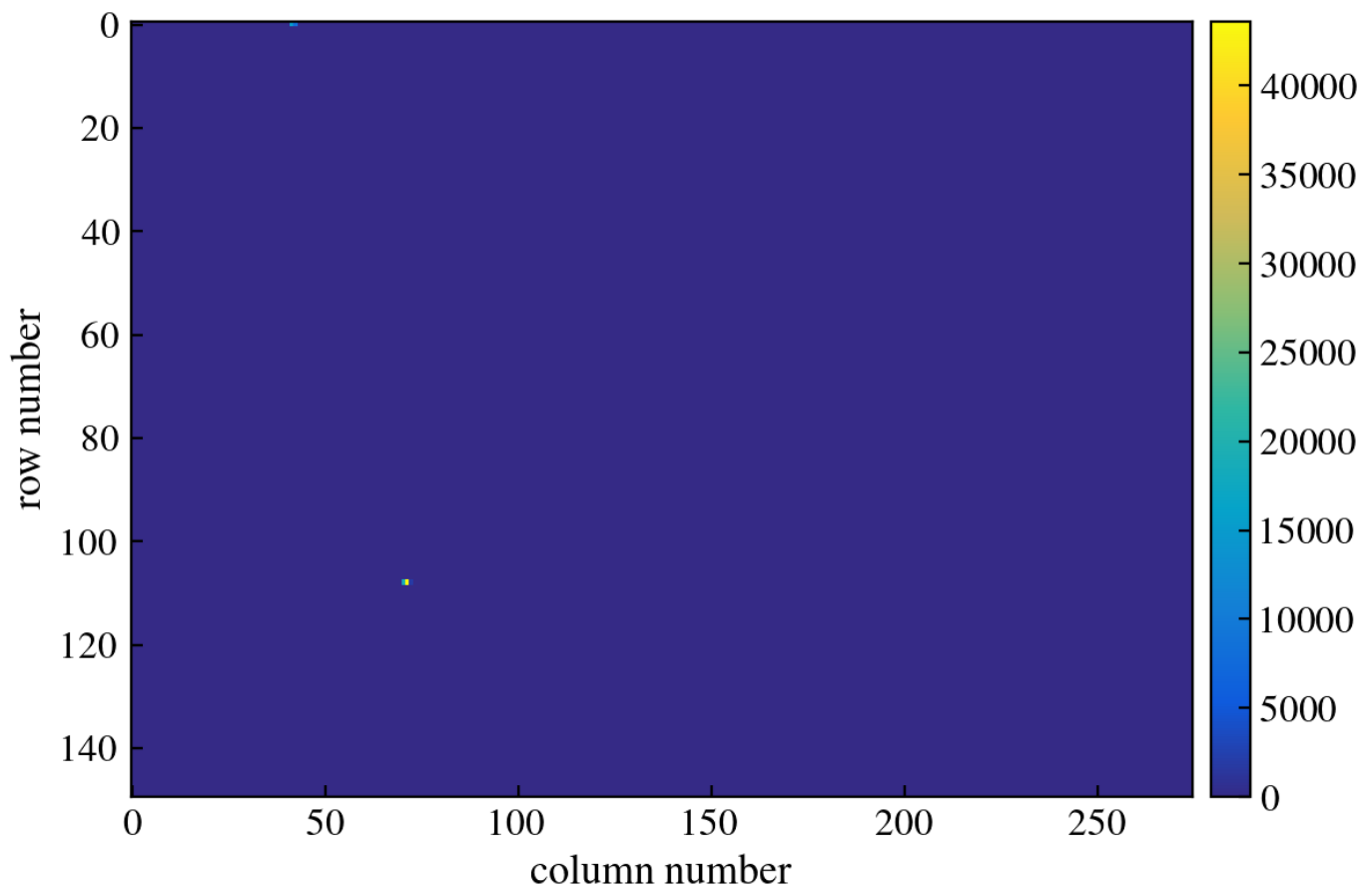


Figure 158: CCD Image

CCD Image: run 490, image 212
[class MECCDImage]

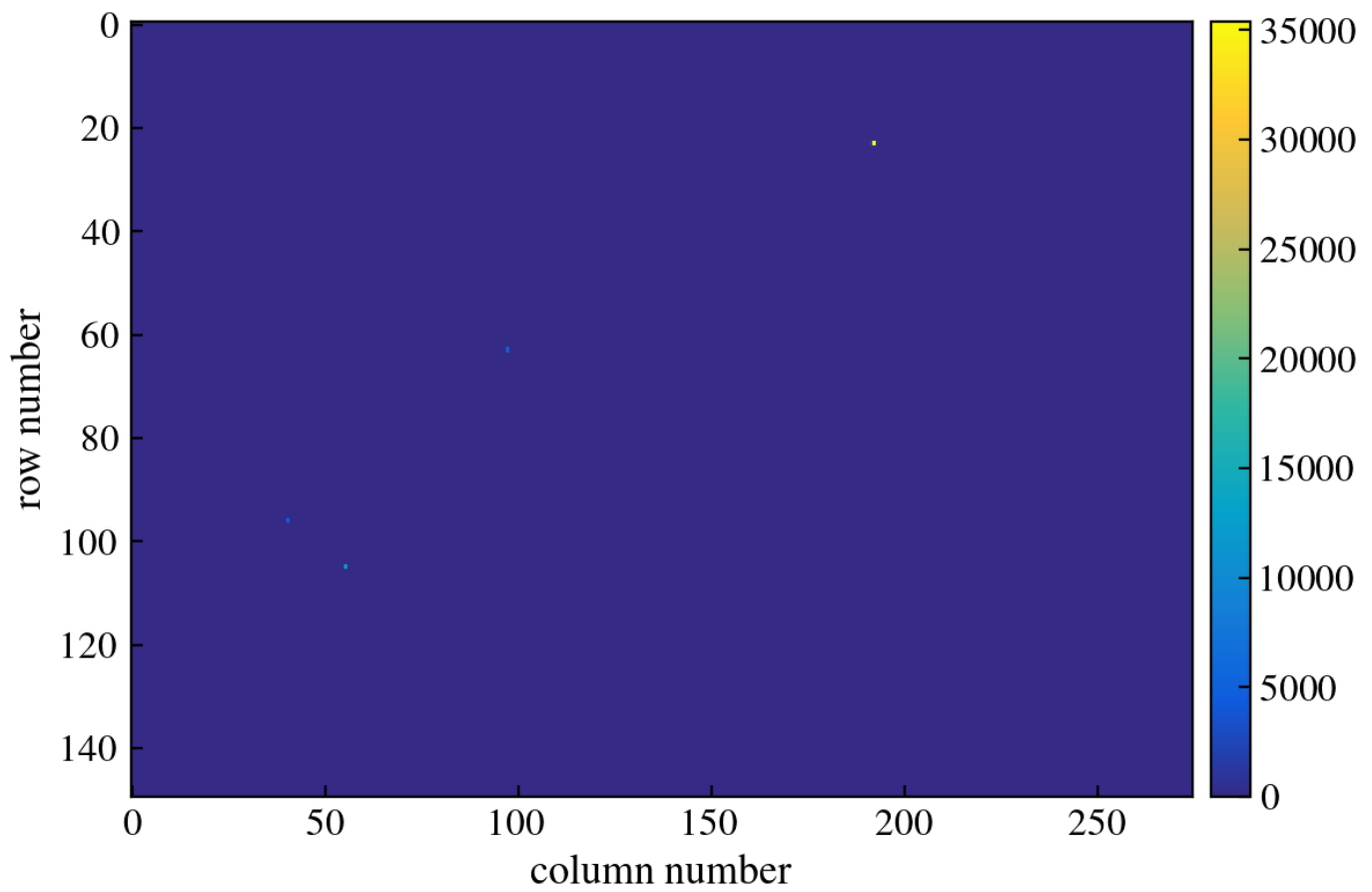


Figure 159: CCD Image

CCD Image: run 490, image 213
[class MECCDImage]

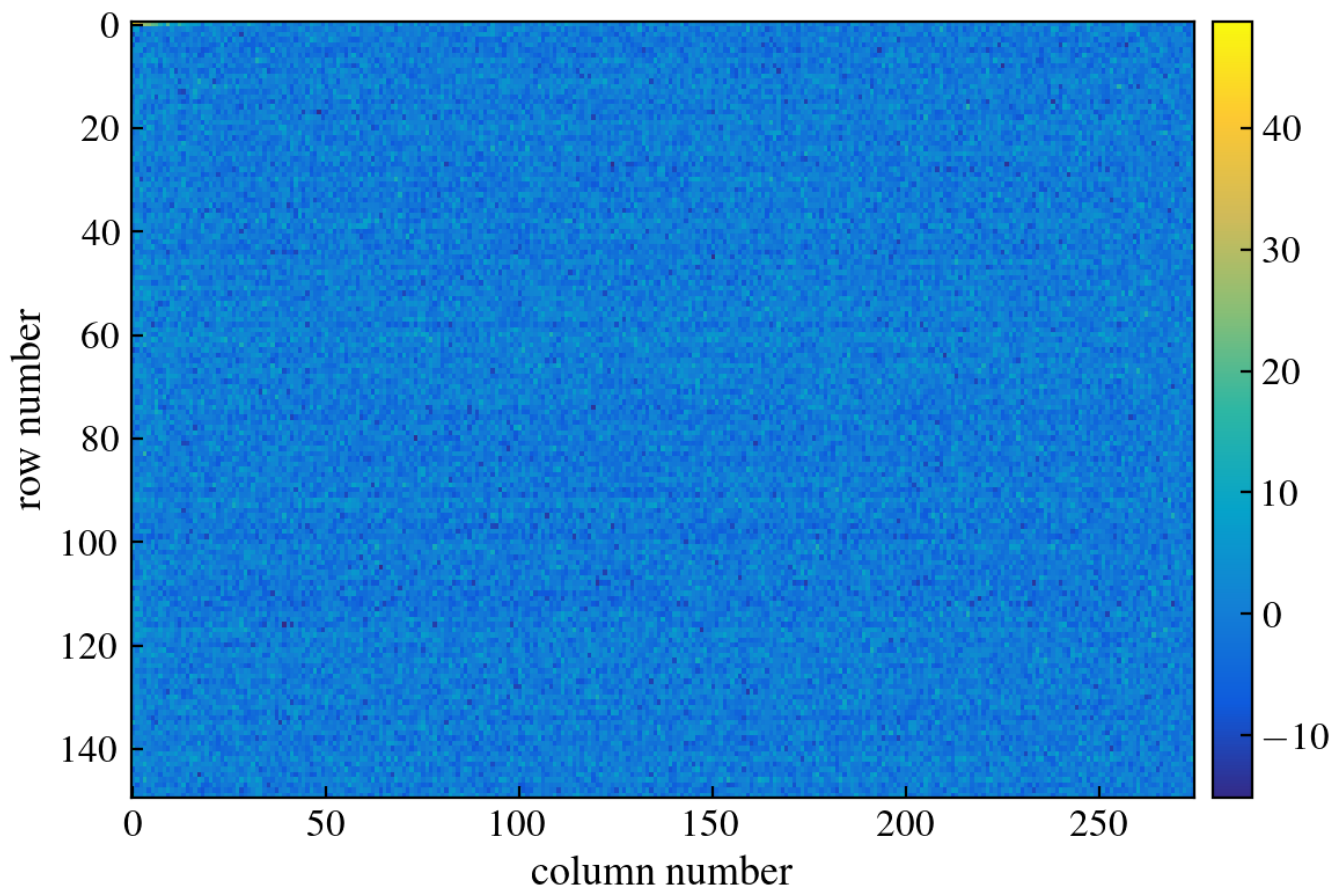


Figure 160: CCD Image

CCD Image: run 490, image 214
[class MECCDImage]

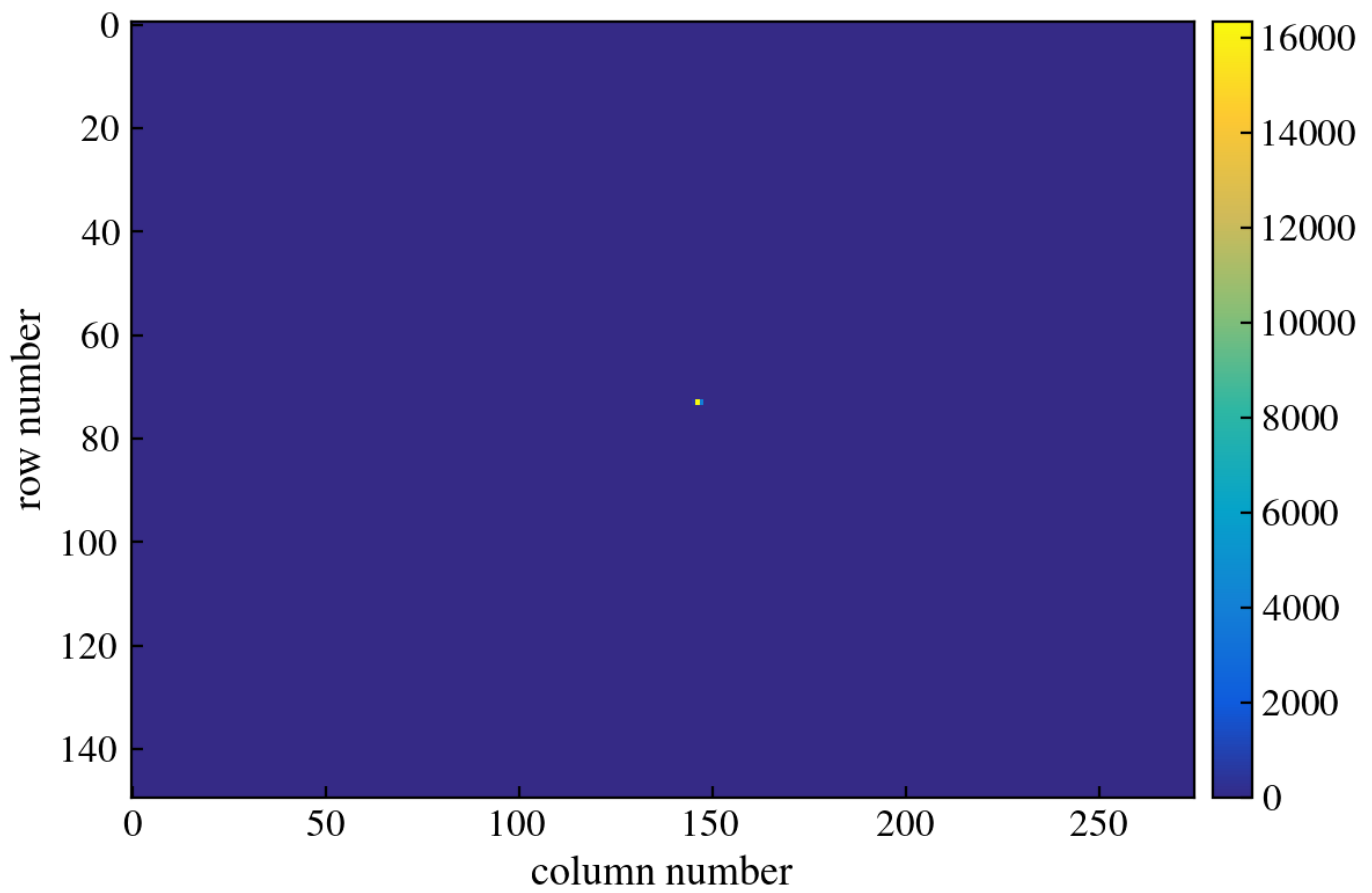


Figure 161: CCD Image

CCD Image: run 490, image 215
[class MECCDImage]

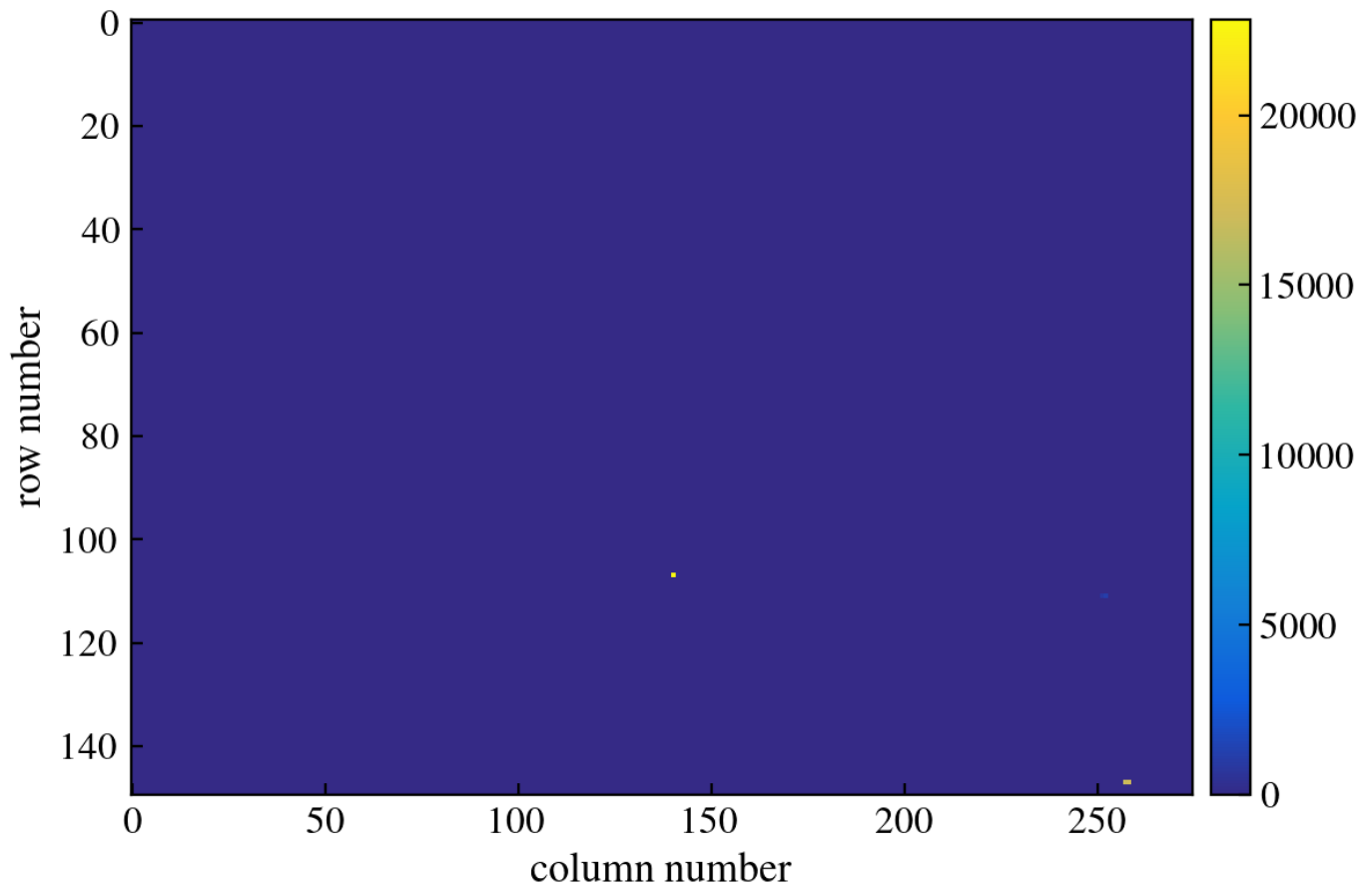


Figure 162: CCD Image

CCD Image: run 490, image 216
[class MECCDImage]

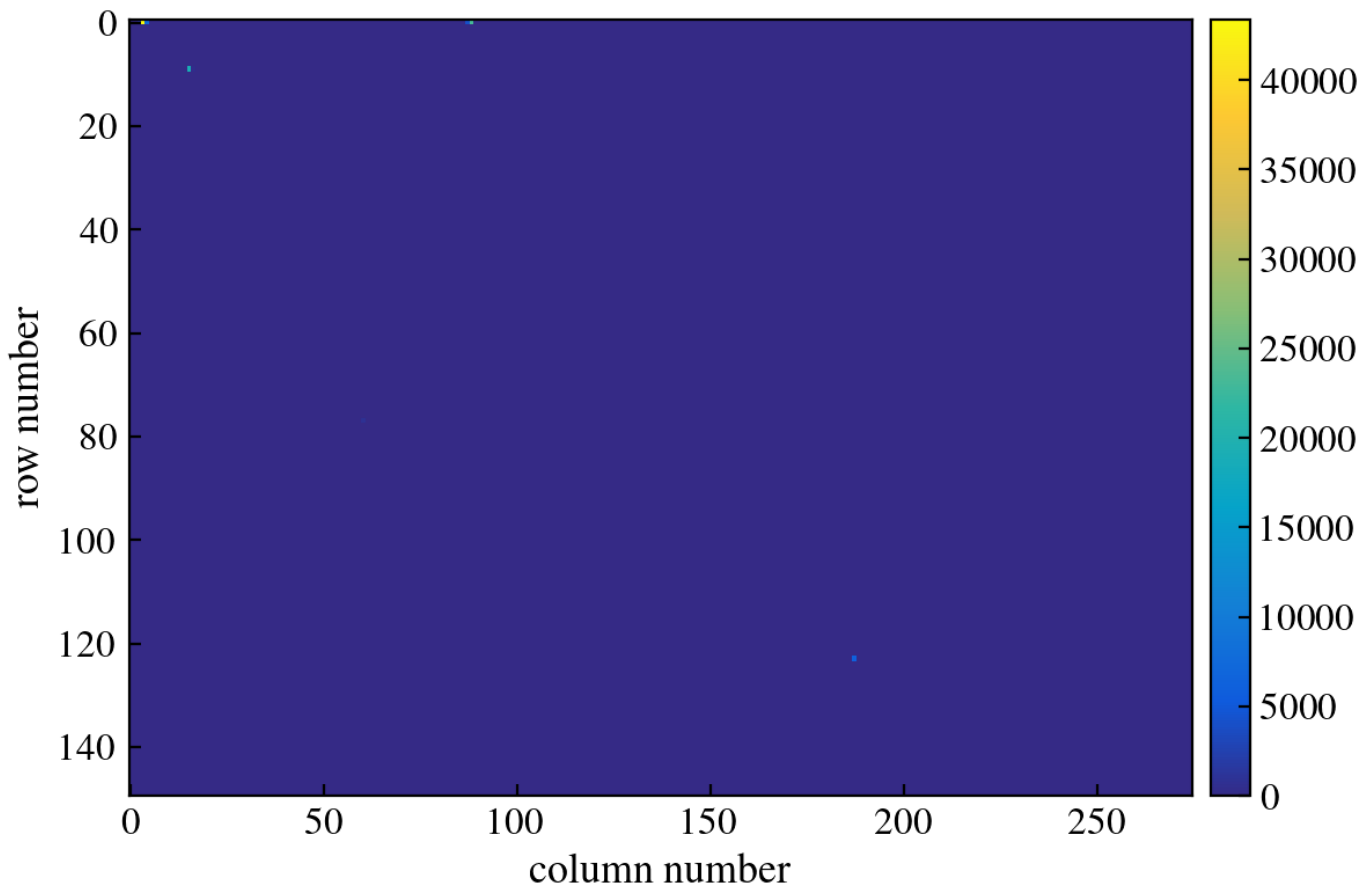


Figure 163: CCD Image

CCD Image: run 490, image 217
[class MECCDImage]

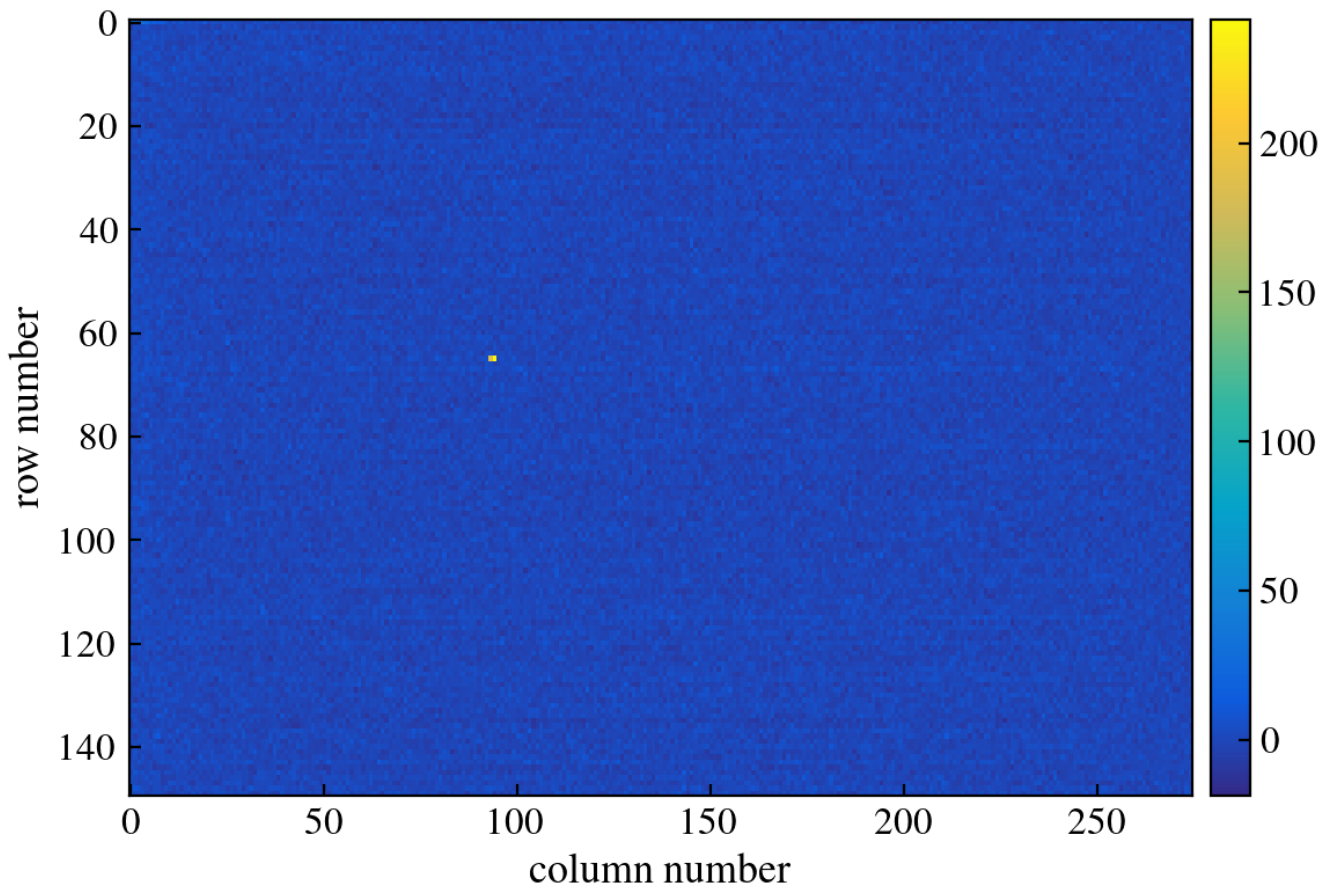


Figure 164: CCD Image

CCD Image: run 490, image 218
[class MECCDImage]

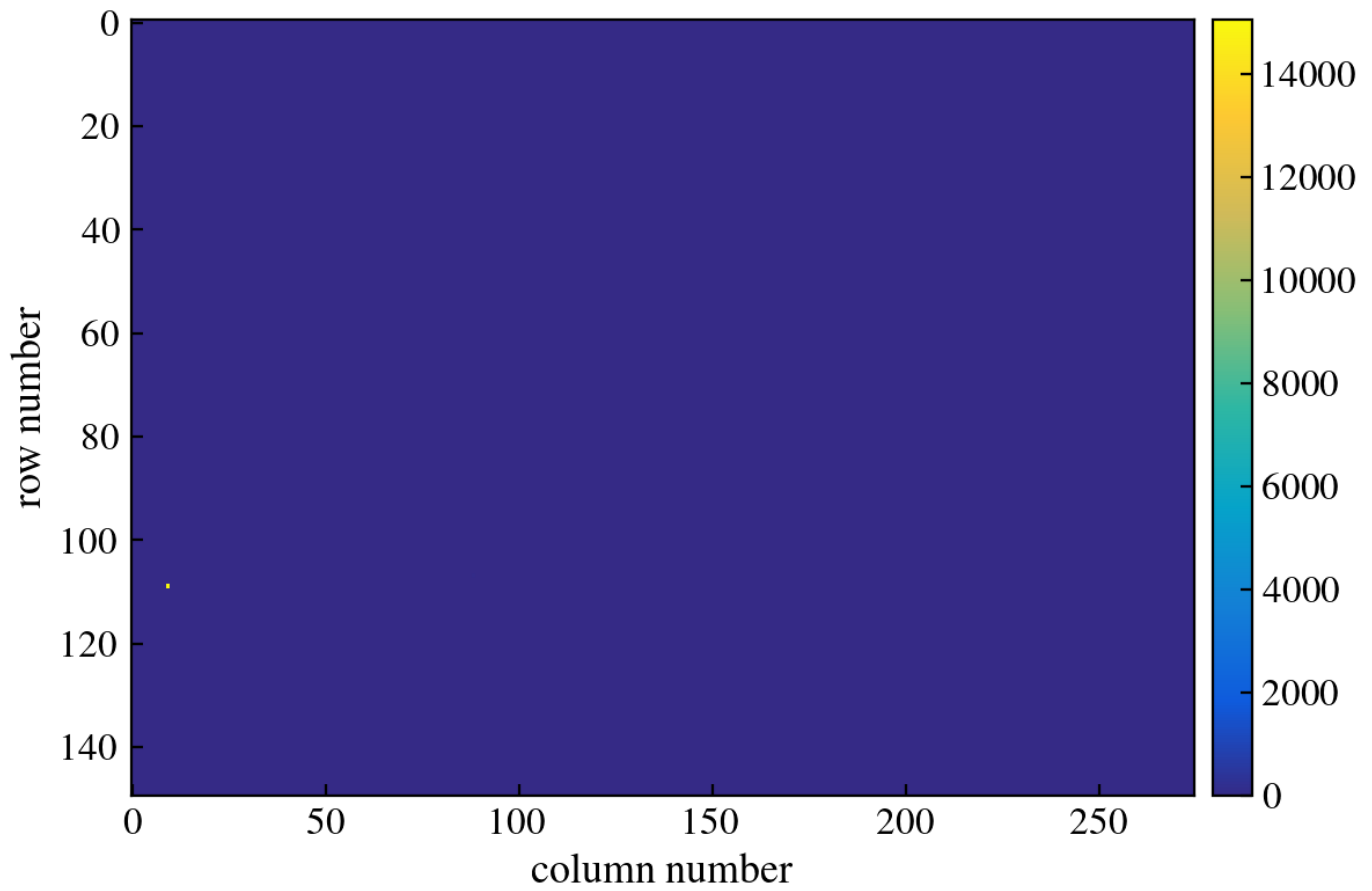


Figure 165: CCD Image

CCD Image: run 490, image 219
[class MECCDImage]

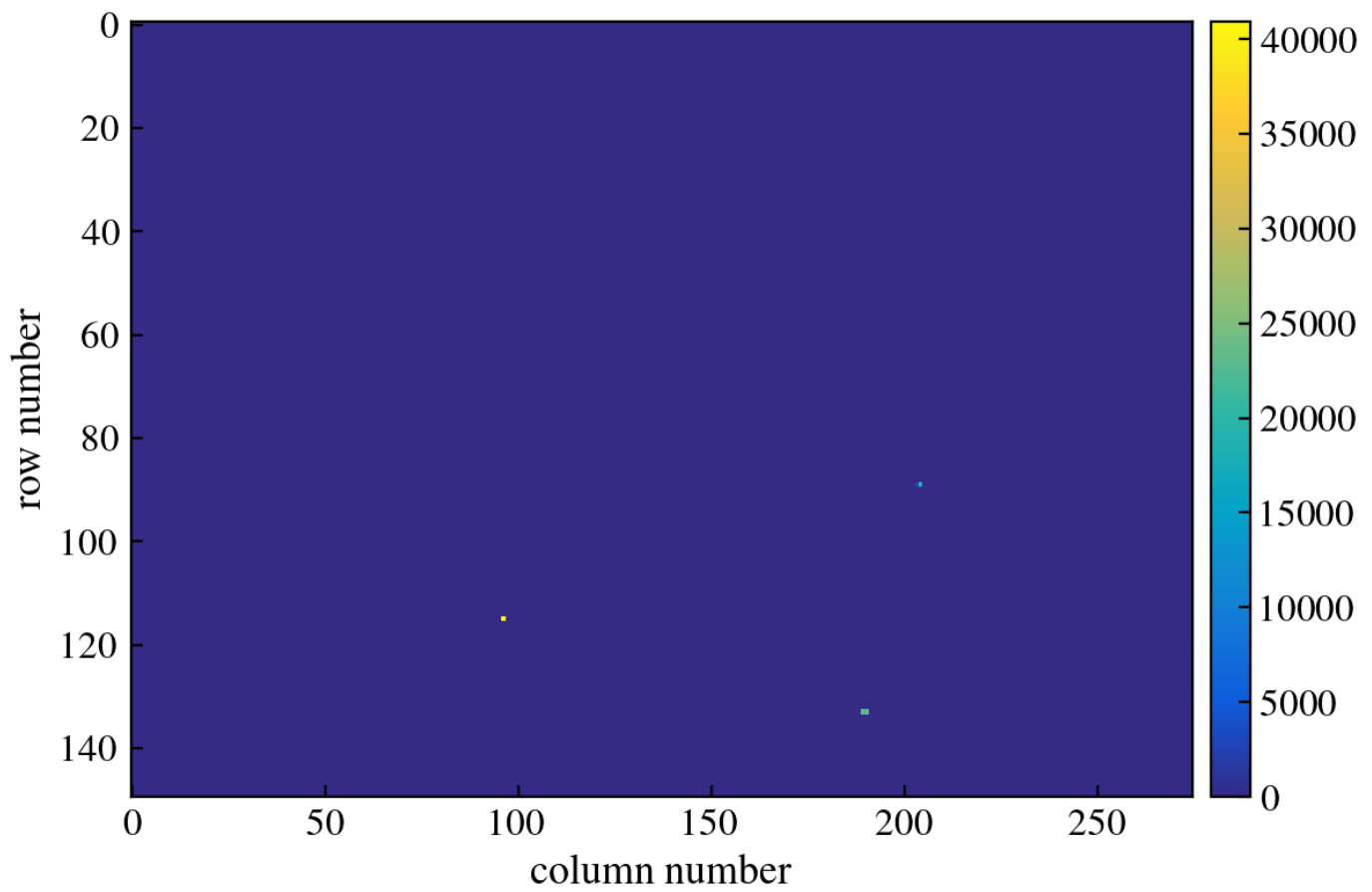


Figure 166: CCD Image

CCD Image: run 490, image 22
[class MECCDImage]

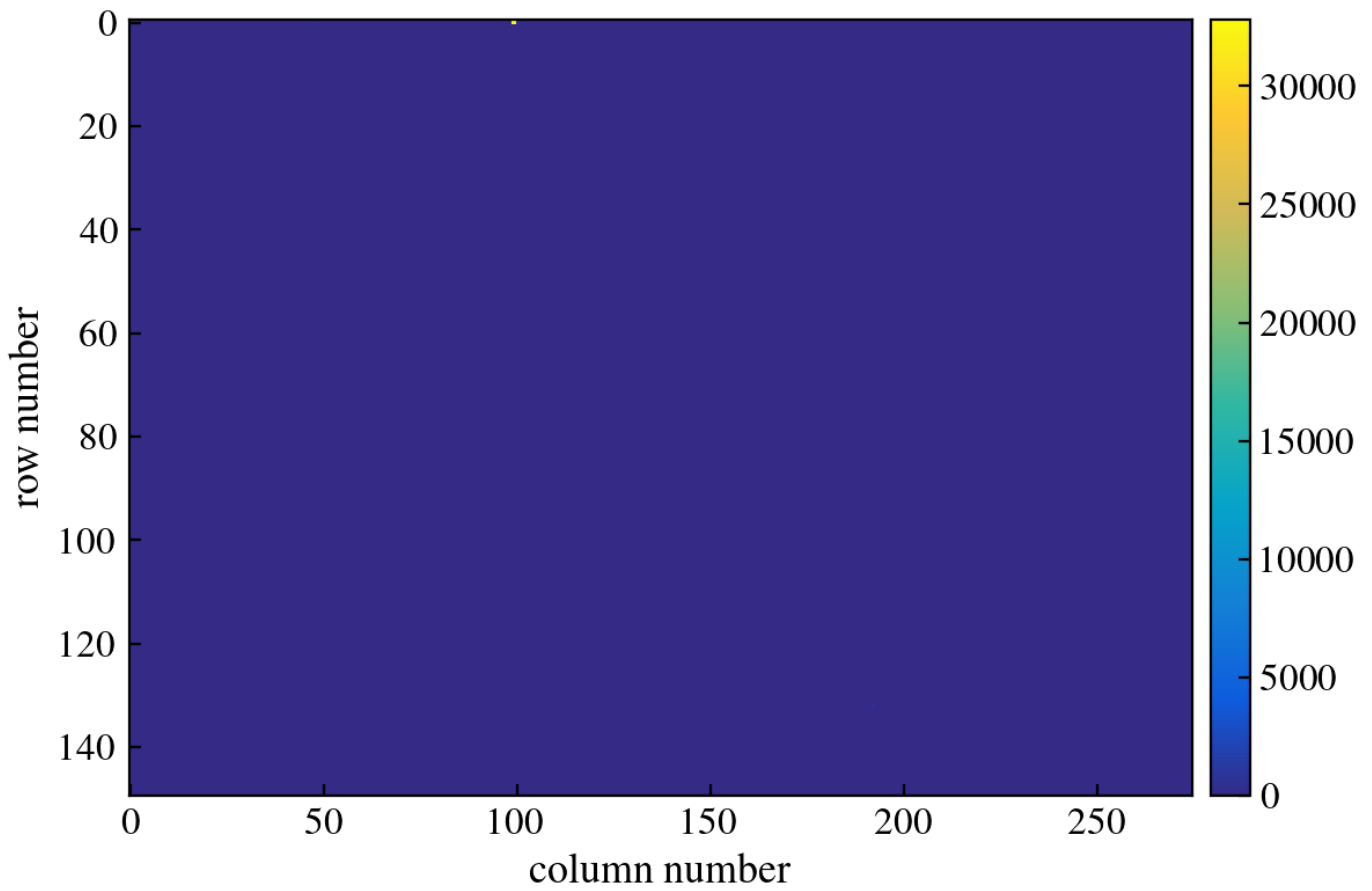


Figure 167: CCD Image

CCD Image: run 490, image 220
[class MECCDImage]

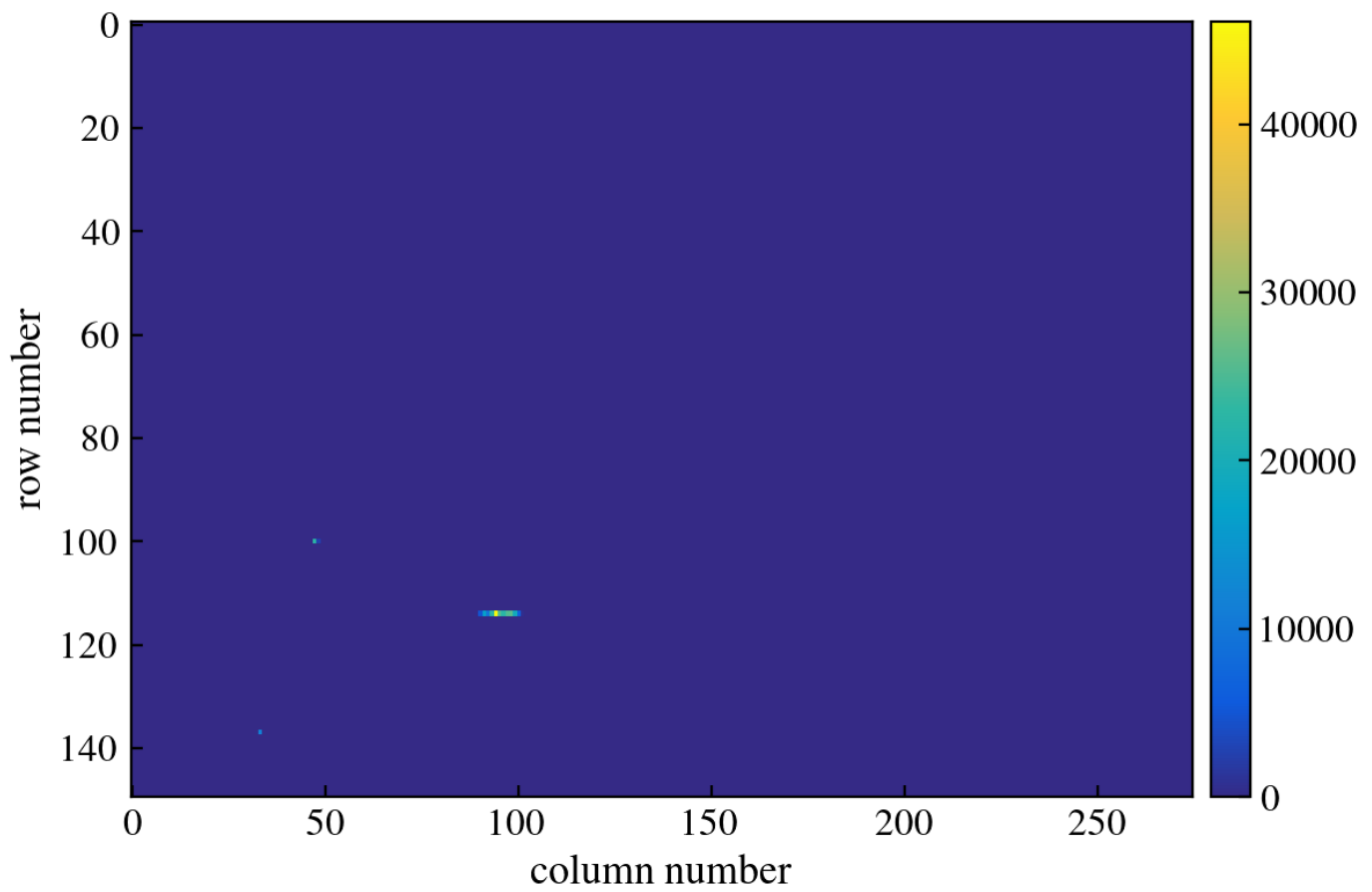


Figure 168: CCD Image

CCD Image: run 490, image 221
[class MECCDImage]

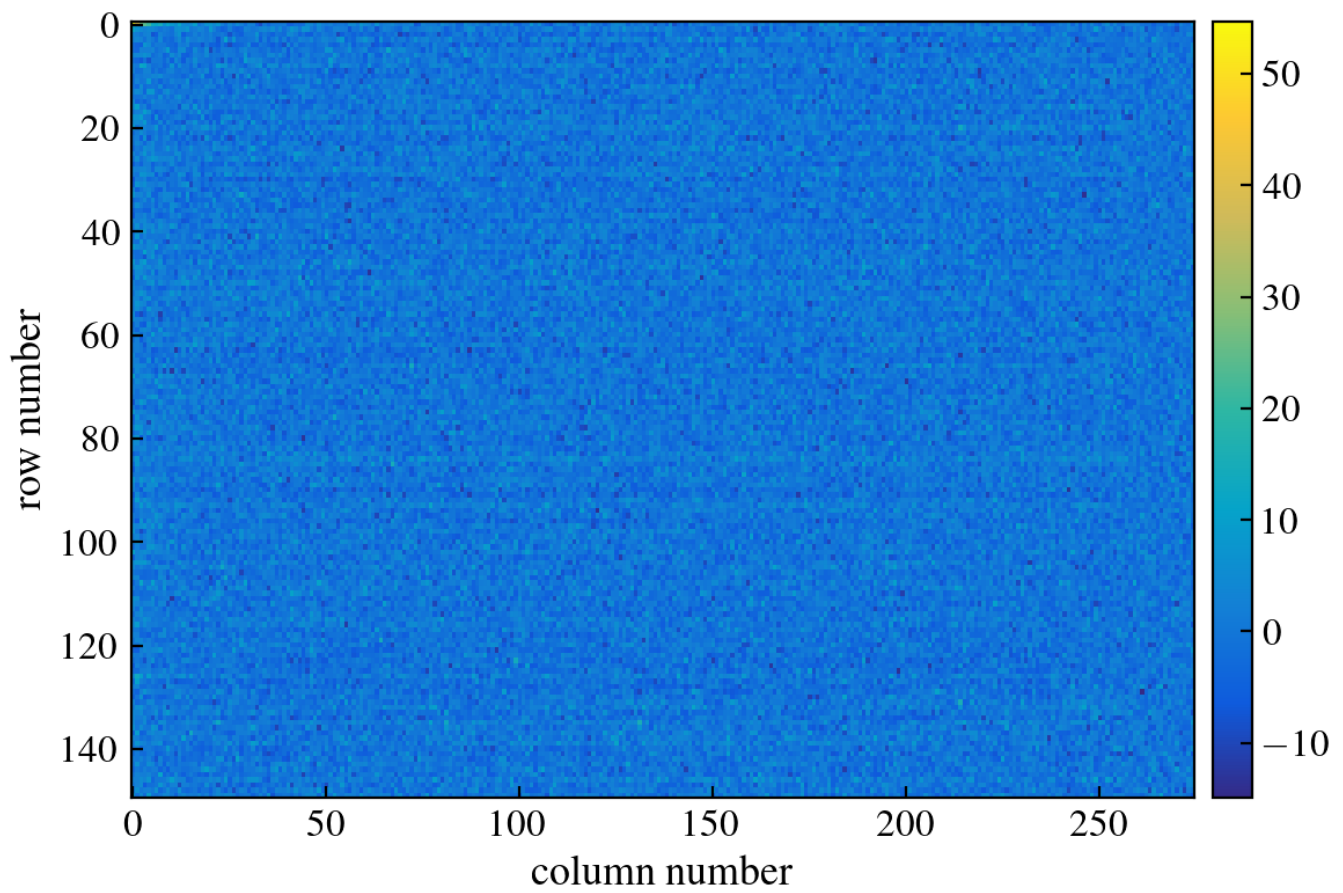


Figure 169: CCD Image

CCD Image: run 490, image 222
[class MECCDImage]

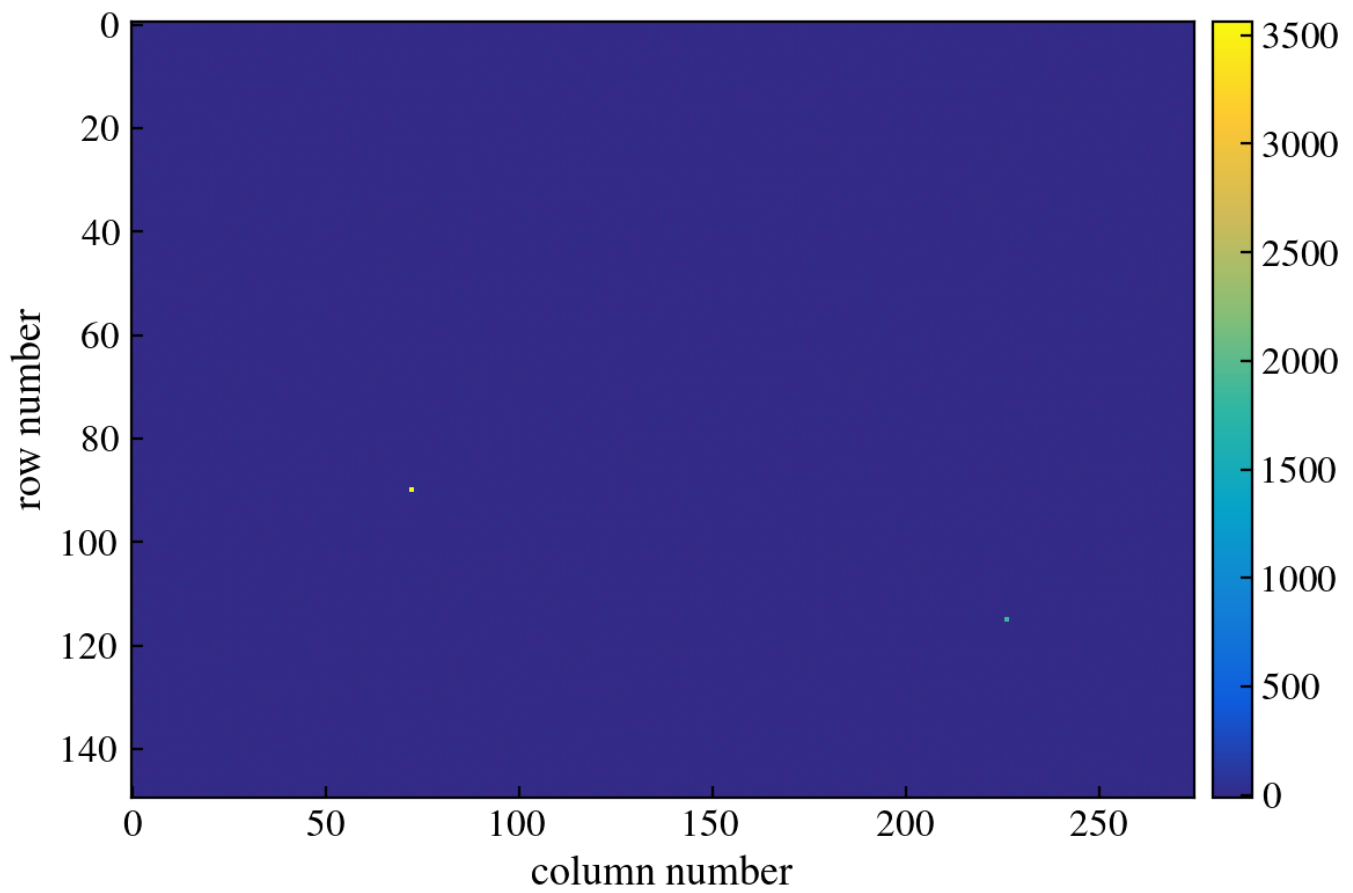


Figure 170: CCD Image

CCD Image: run 490, image 223
[class MECCDImage]

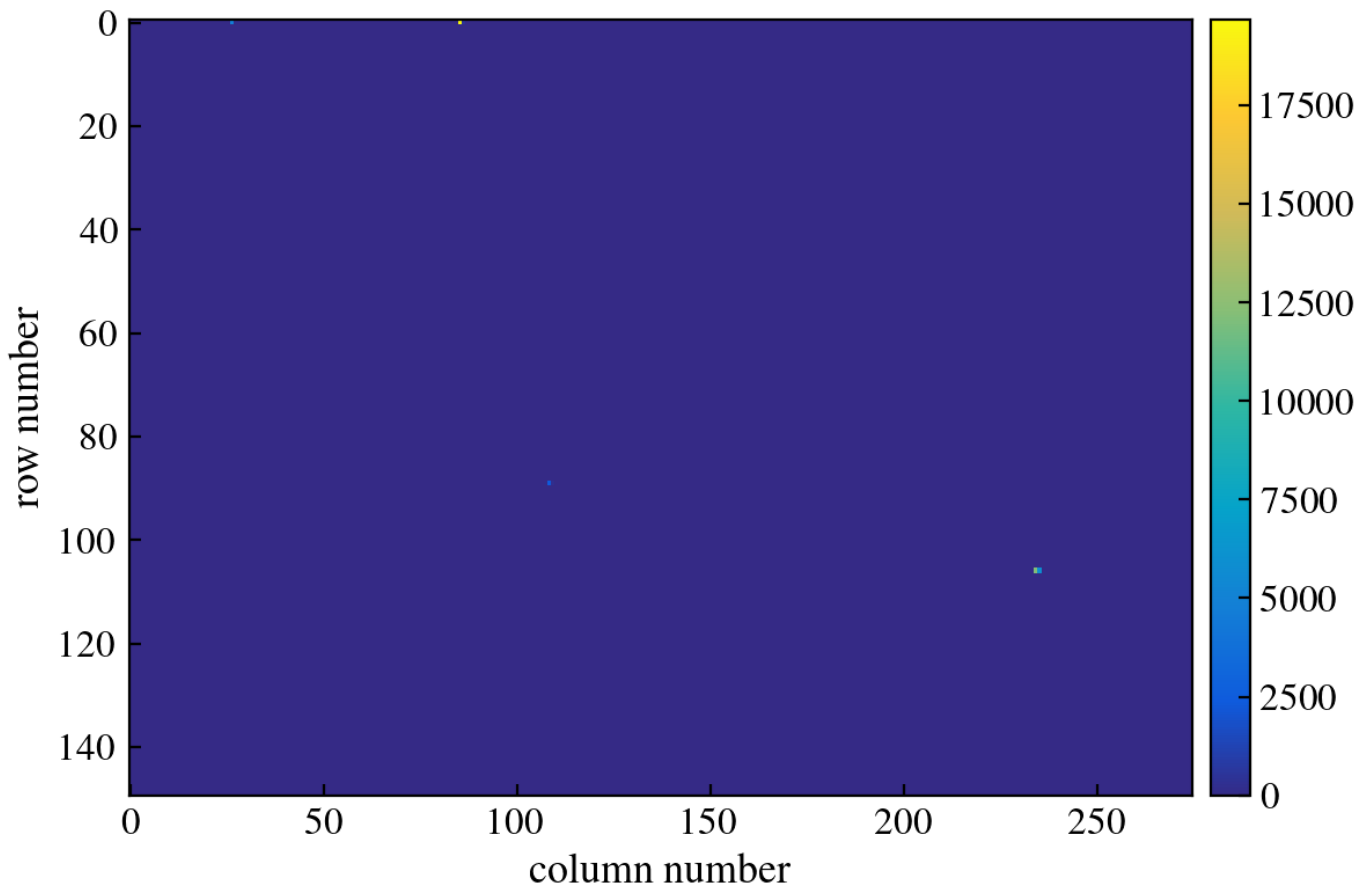


Figure 171: CCD Image

CCD Image: run 490, image 224
[class MECCDImage]

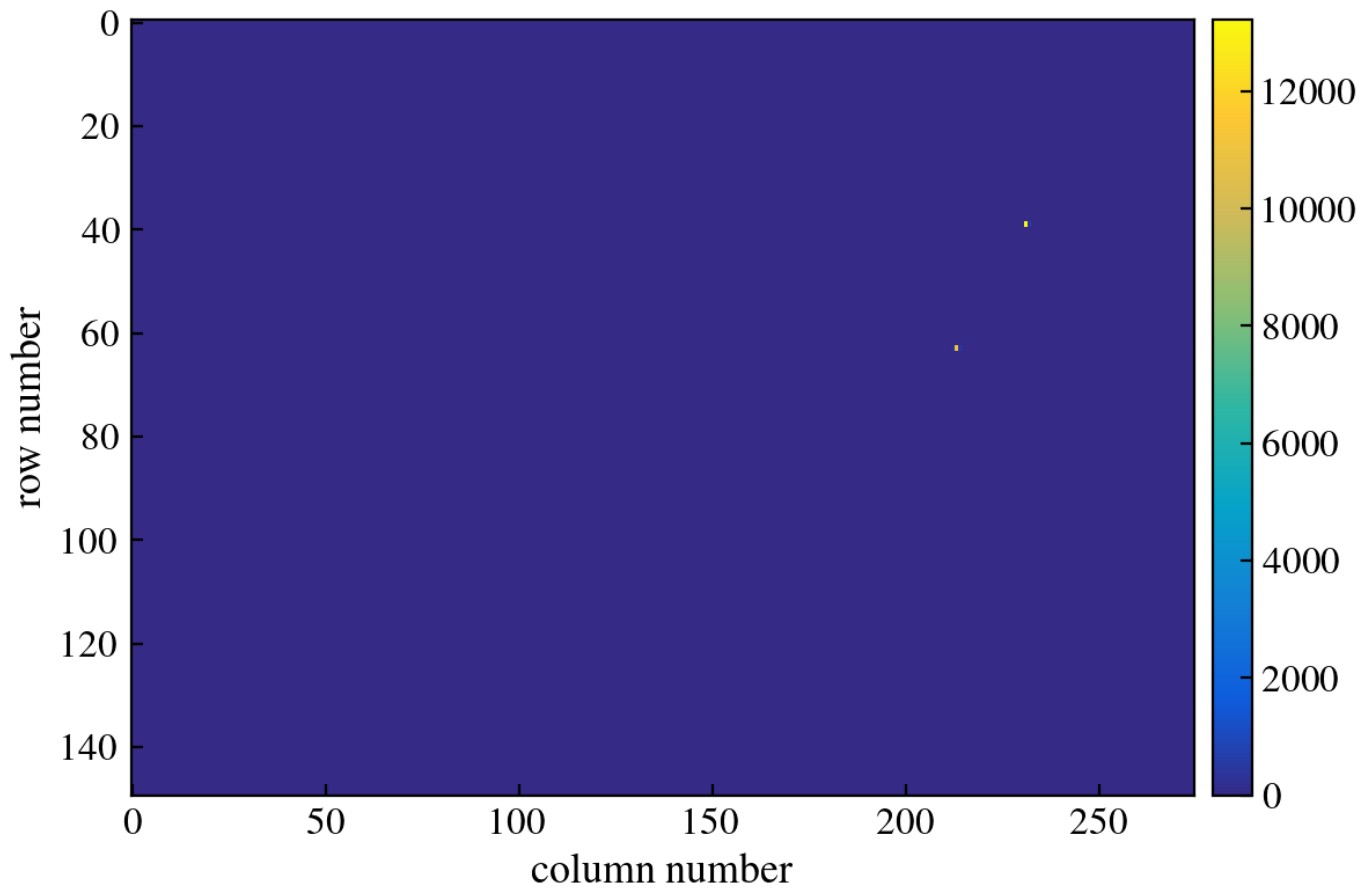


Figure 172: CCD Image

CCD Image: run 490, image 225
[class MECCDImage]

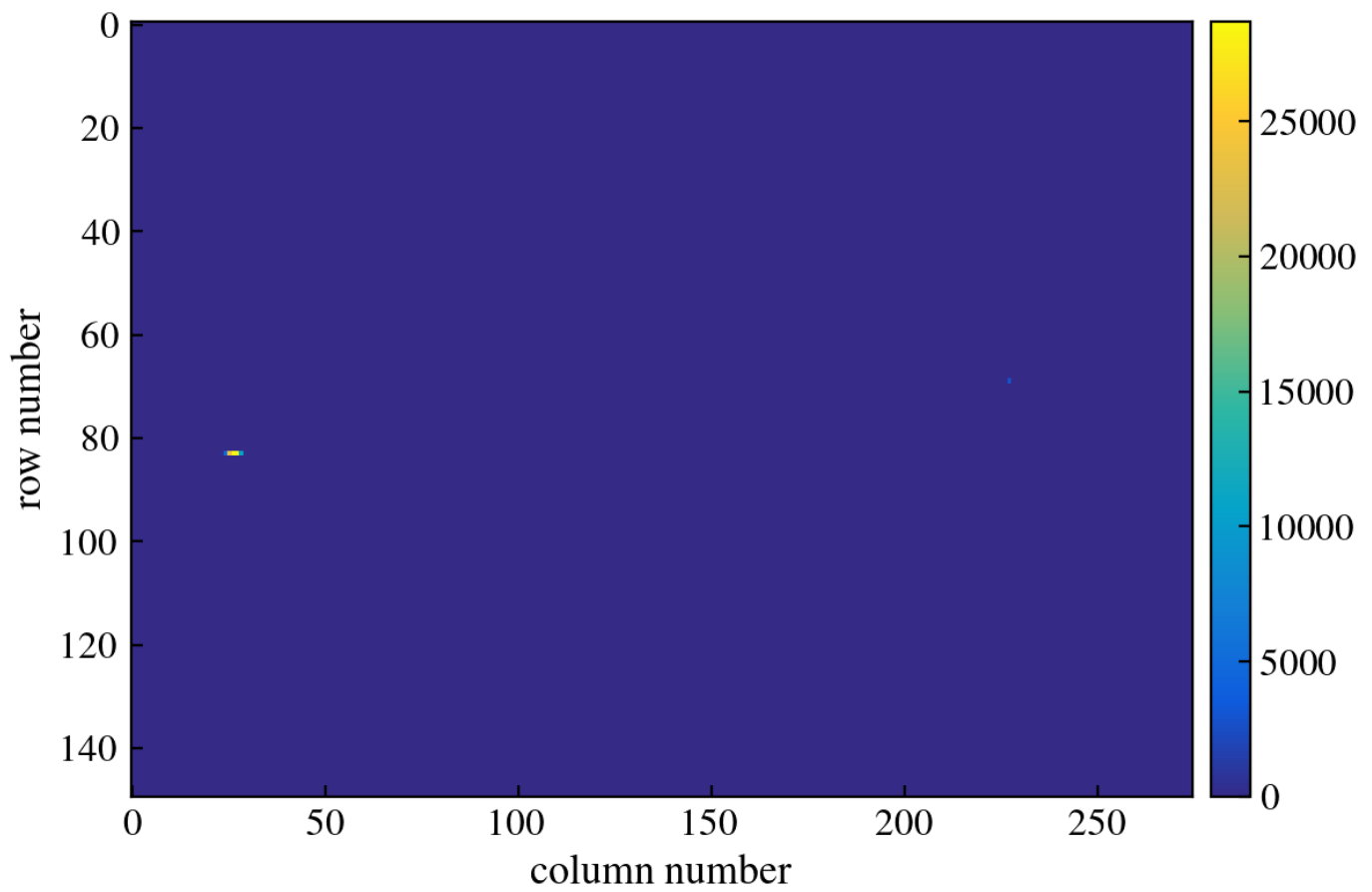


Figure 173: CCD Image

CCD Image: run 490, image 226
[class MECCDImage]

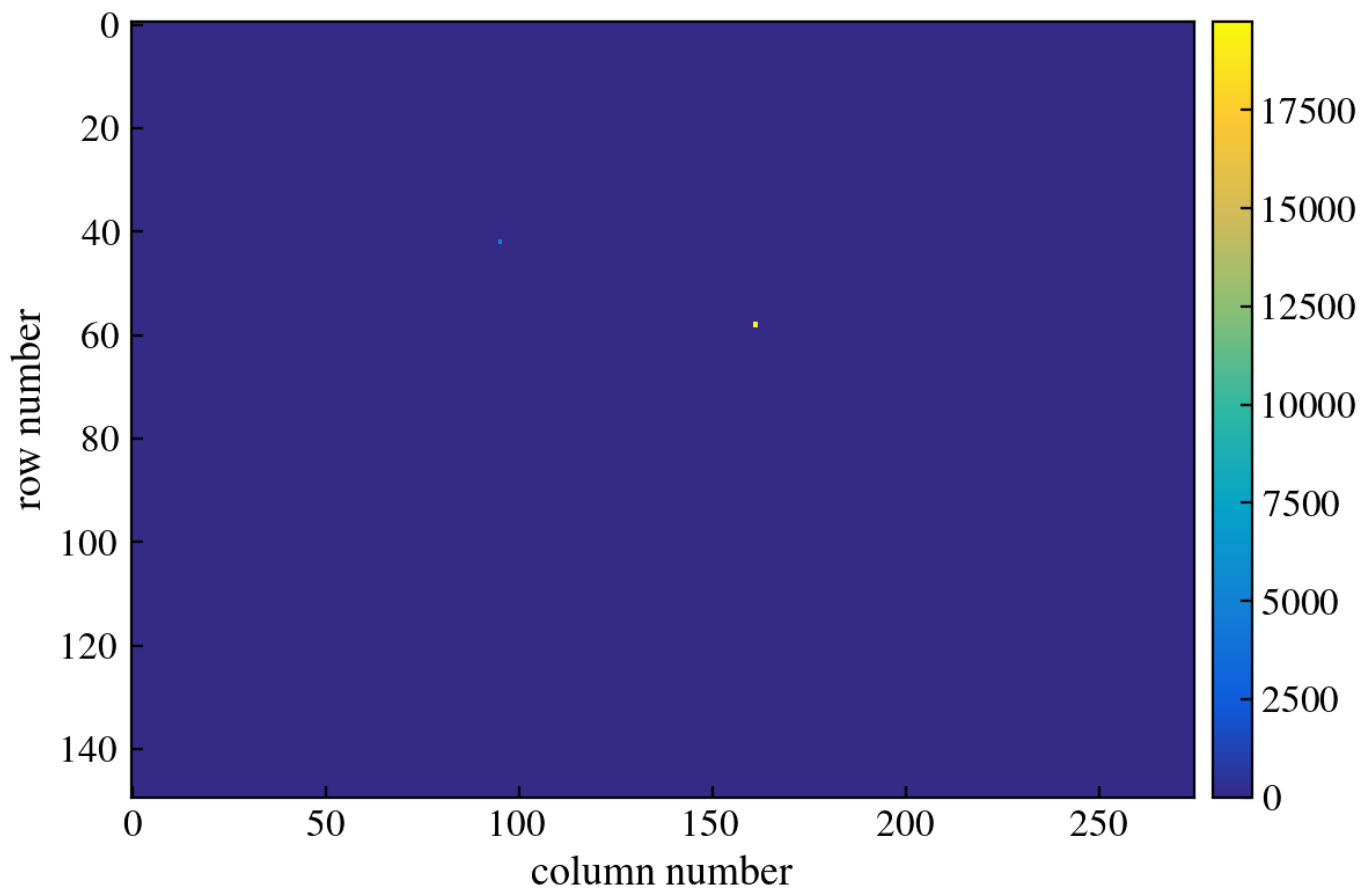


Figure 174: CCD Image

CCD Image: run 490, image 227
[class MECCDImage]

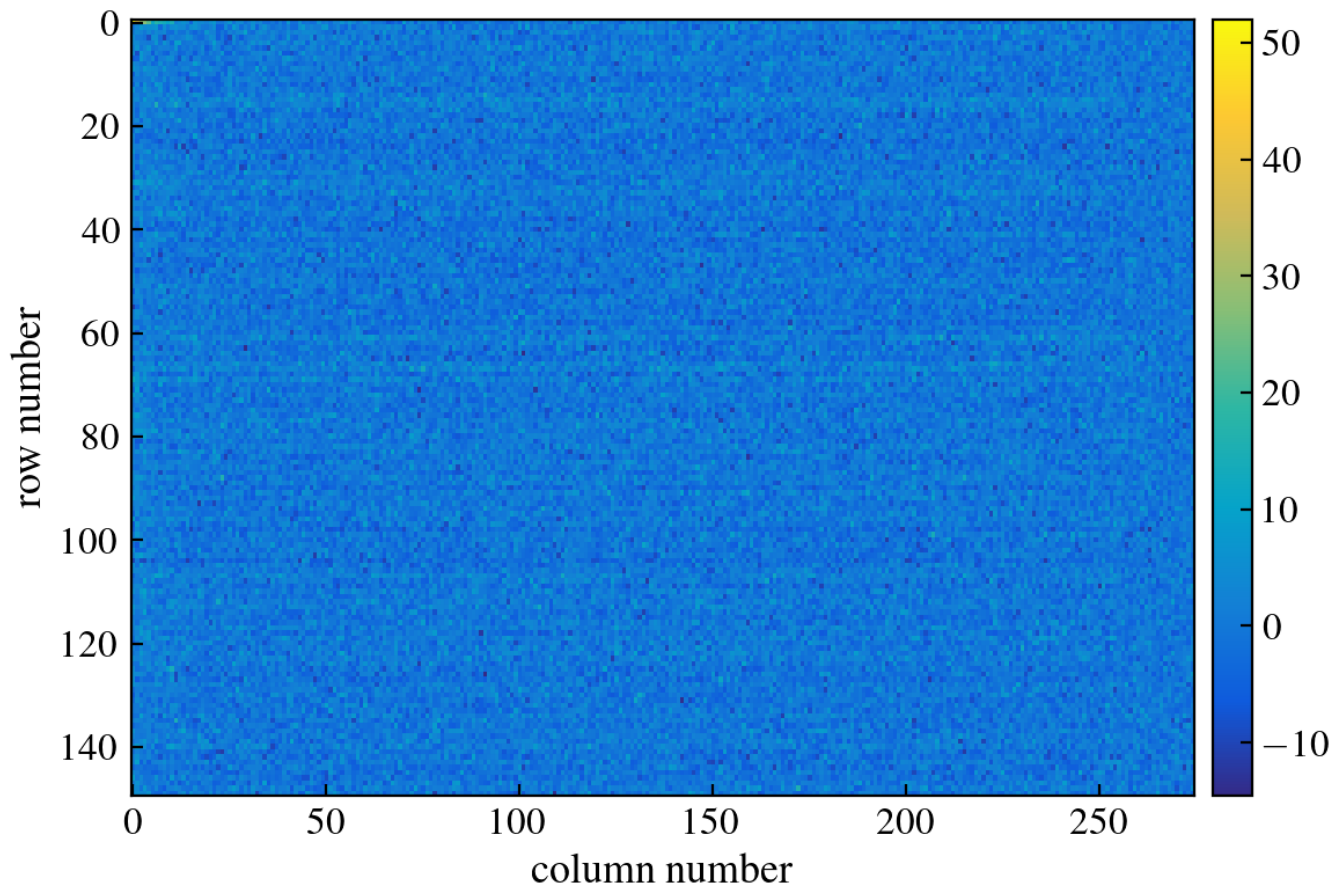


Figure 175: CCD Image

CCD Image: run 490, image 228
[class MECCDImage]

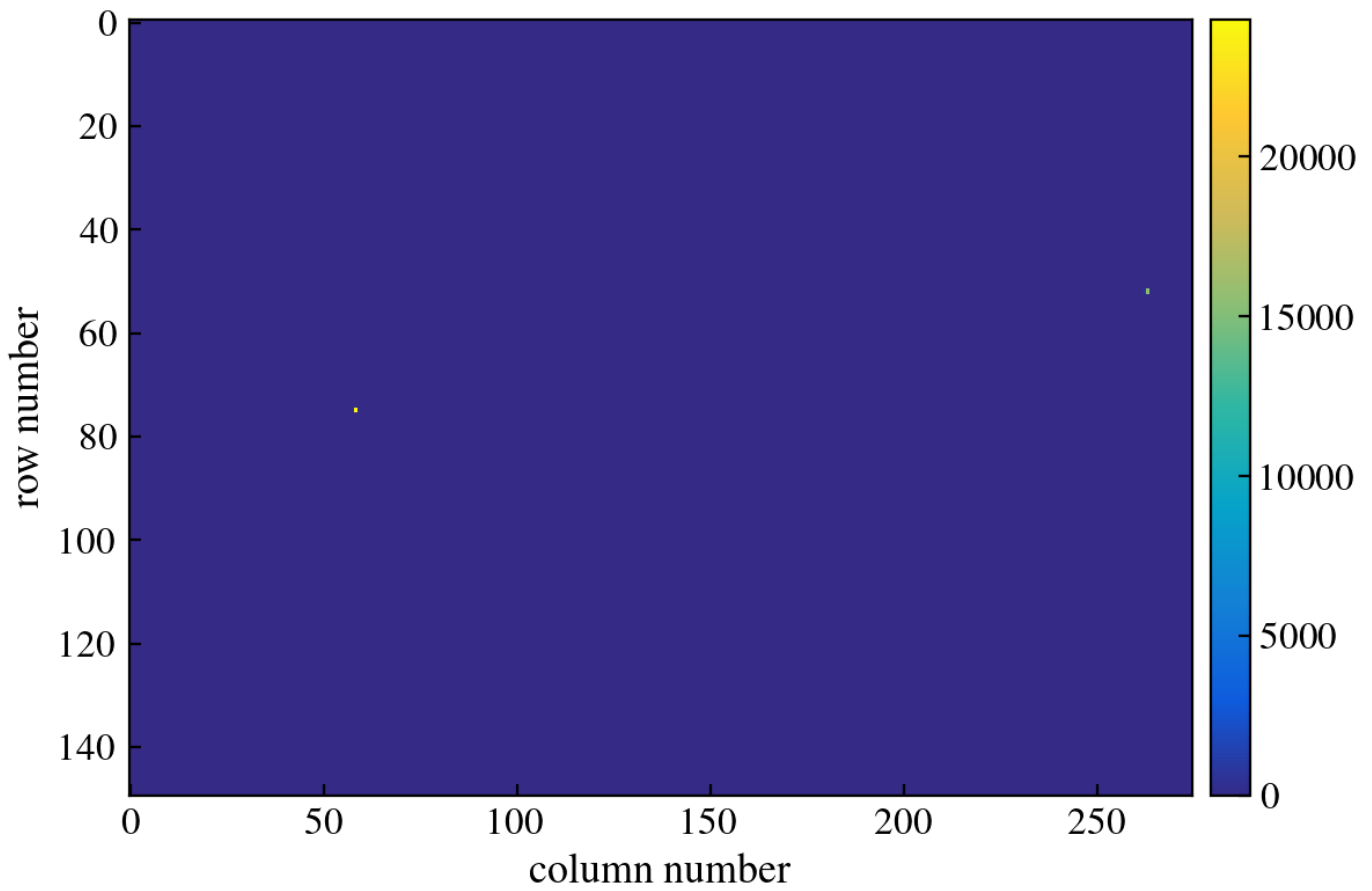


Figure 176: CCD Image

CCD Image: run 490, image 229
[class MECCDImage]

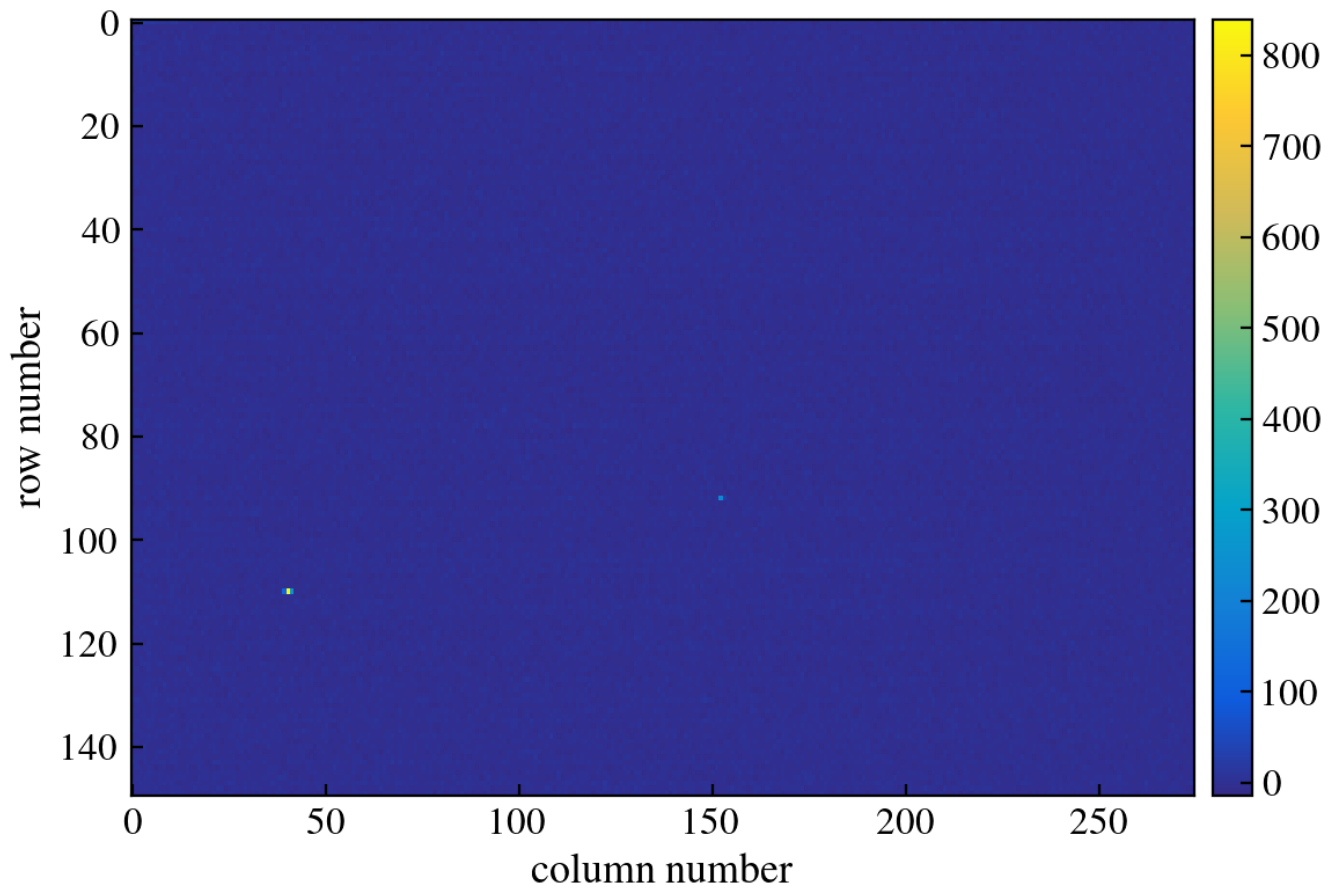


Figure 177: CCD Image

CCD Image: run 490, image 23
[class MECCDImage]

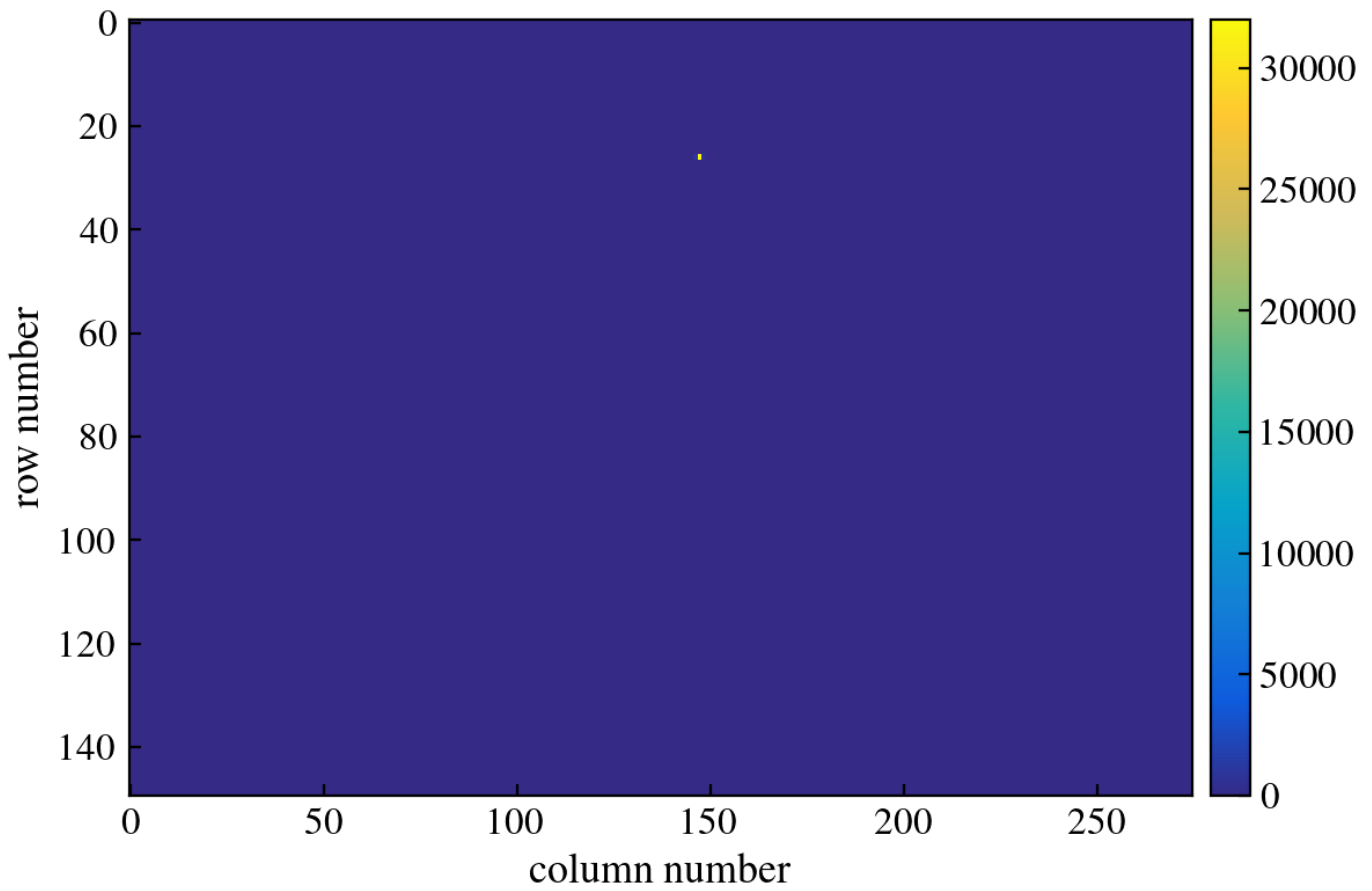


Figure 178: CCD Image

CCD Image: run 490, image 230
[class MECCDImage]

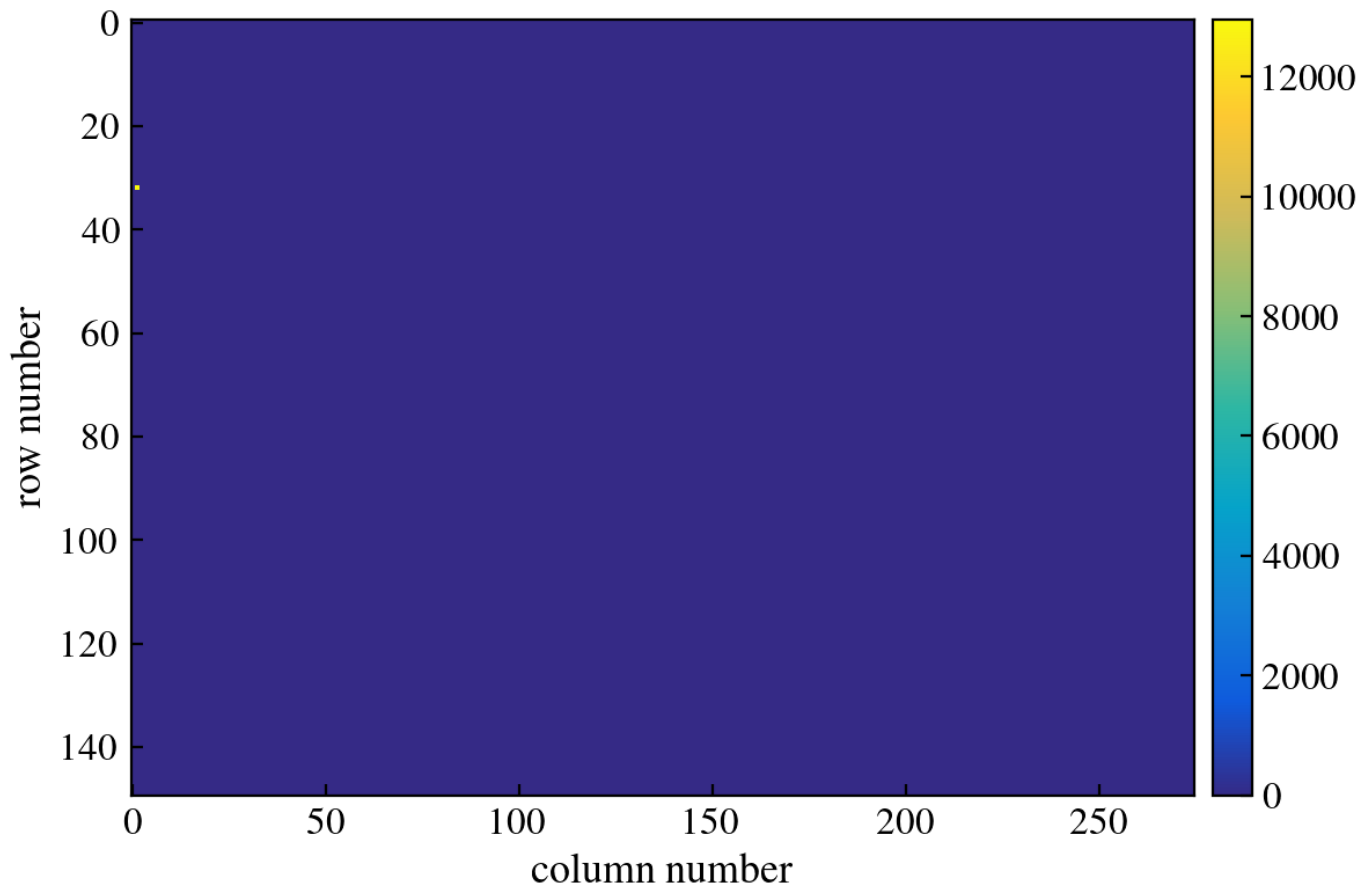


Figure 179: CCD Image

CCD Image: run 490, image 231
[class MECCDImage]

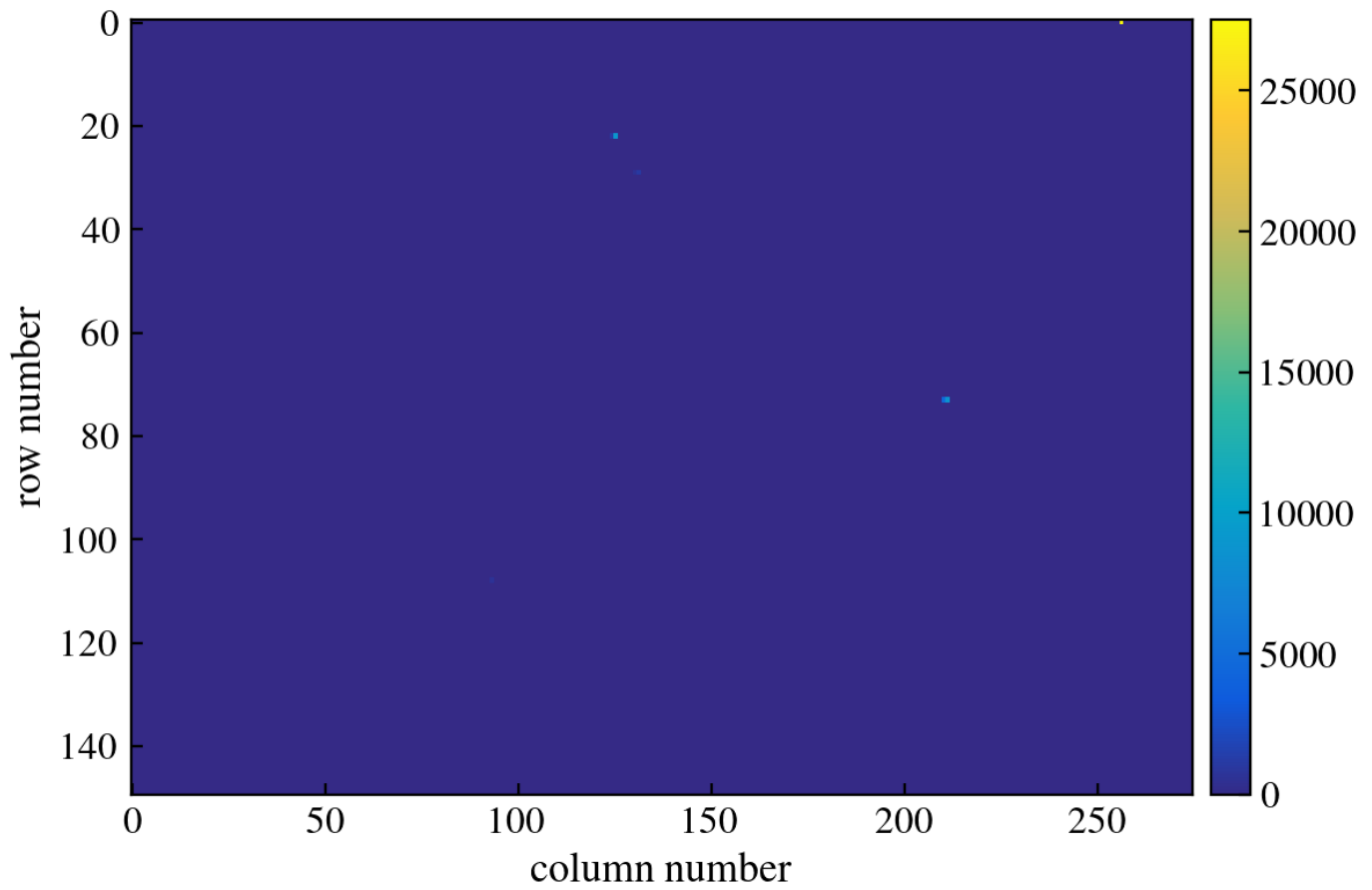


Figure 180: CCD Image

CCD Image: run 490, image 232
[class MECCDImage]

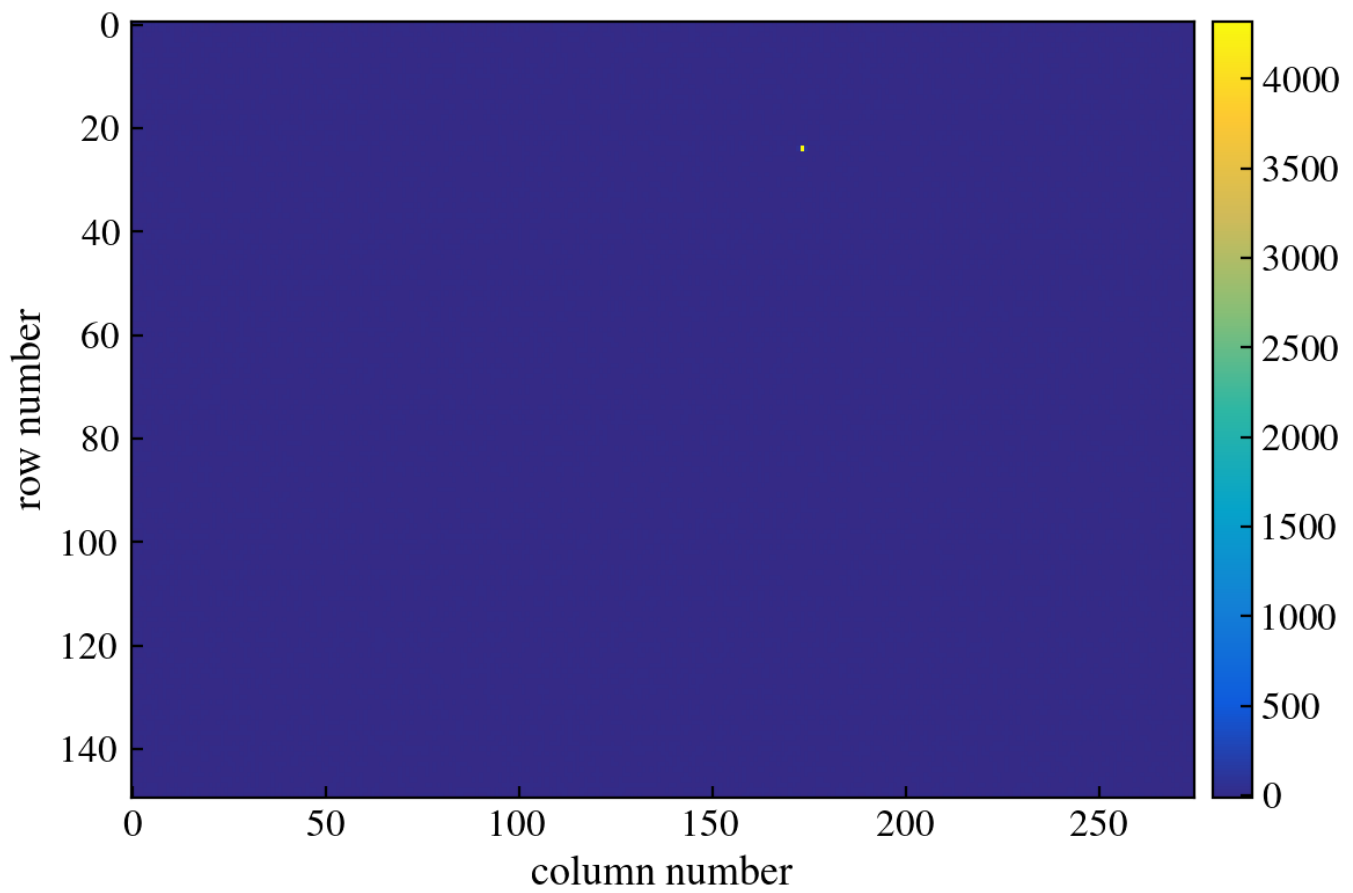


Figure 181: CCD Image

CCD Image: run 490, image 233
[class MECCDImage]

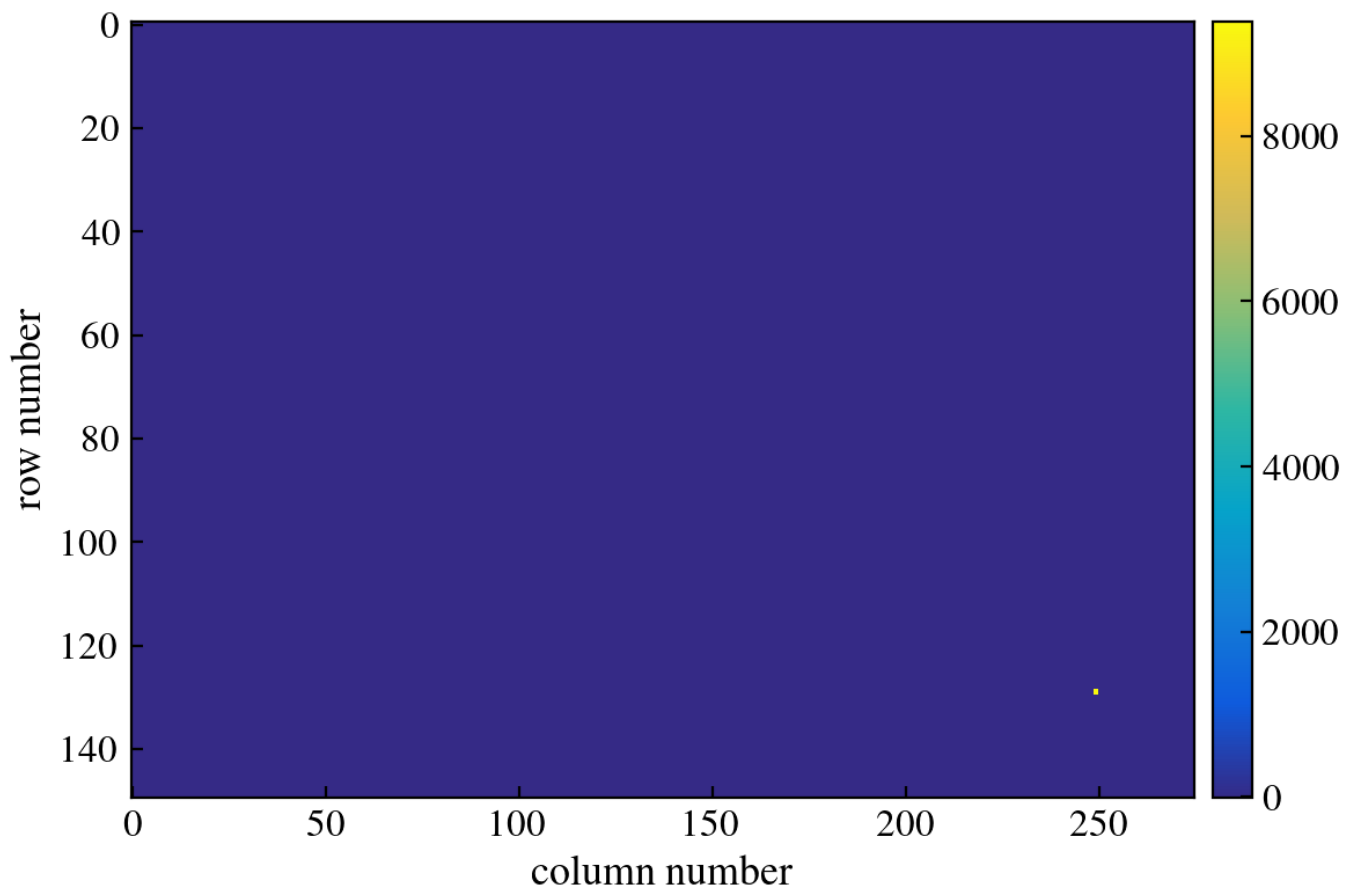


Figure 182: CCD Image

CCD Image: run 490, image 234
[class MECCDImage]

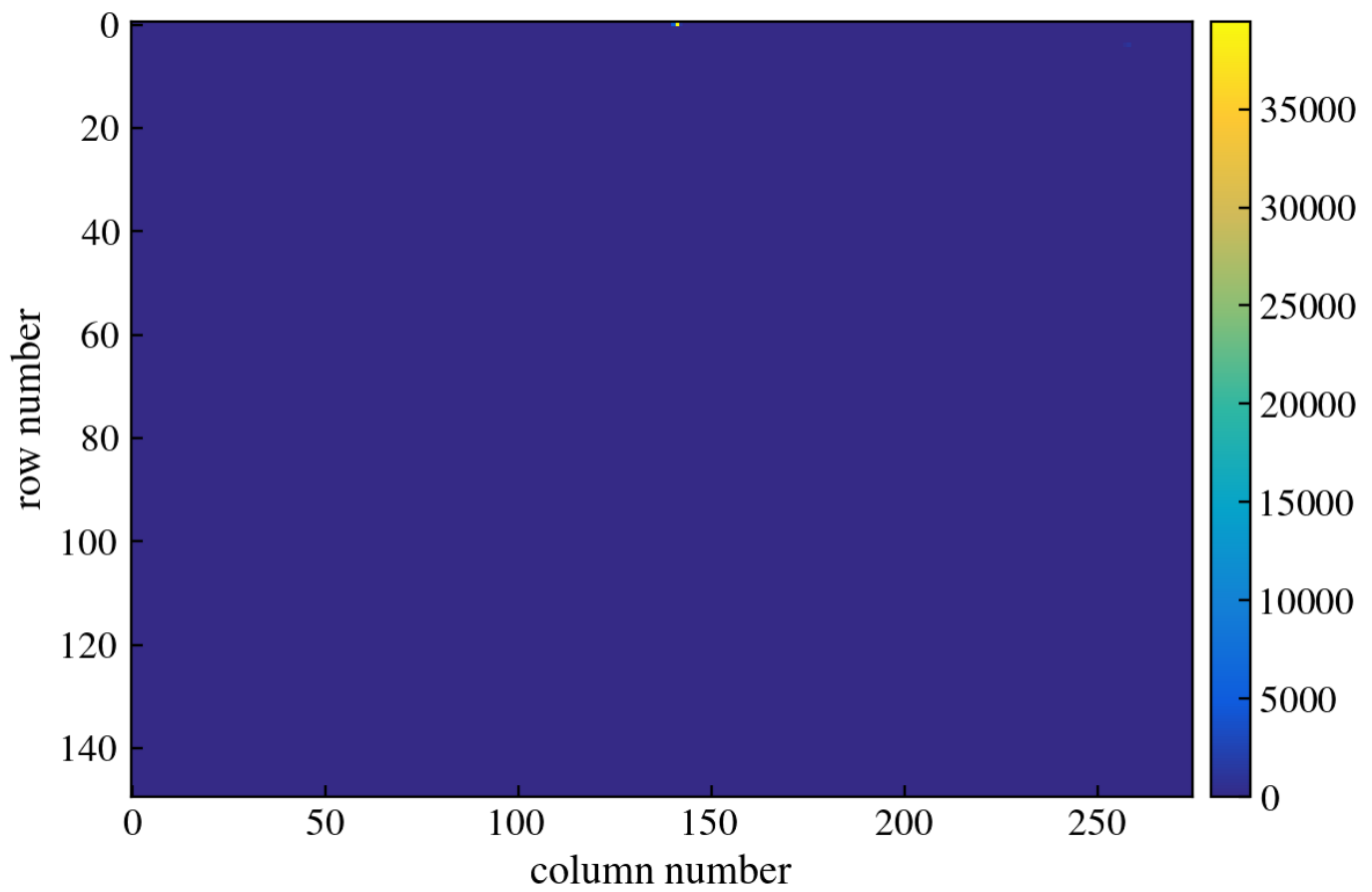


Figure 183: CCD Image

CCD Image: run 490, image 235
[class MECCDImage]

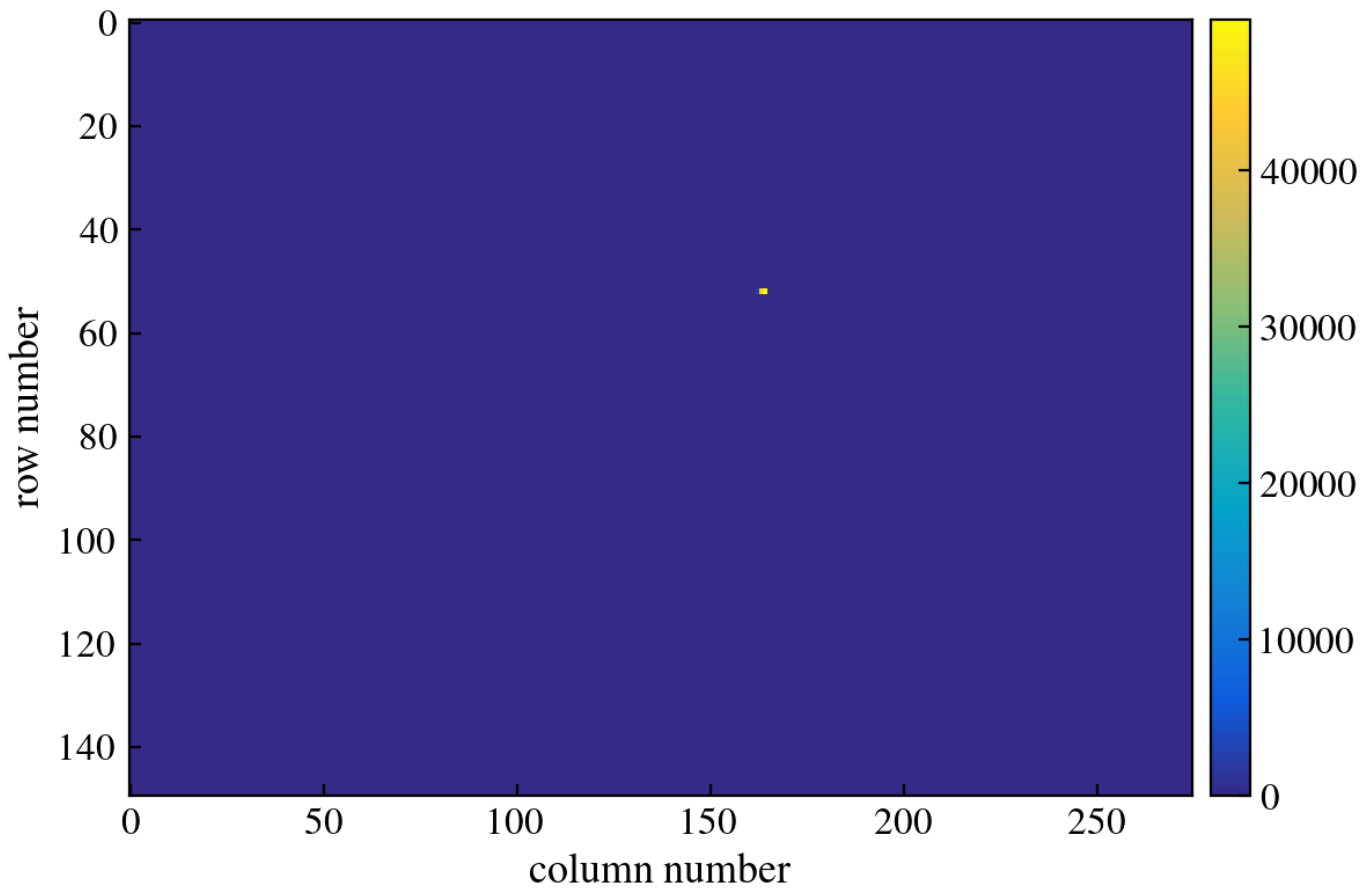


Figure 184: CCD Image

CCD Image: run 490, image 236
[class MECCDImage]

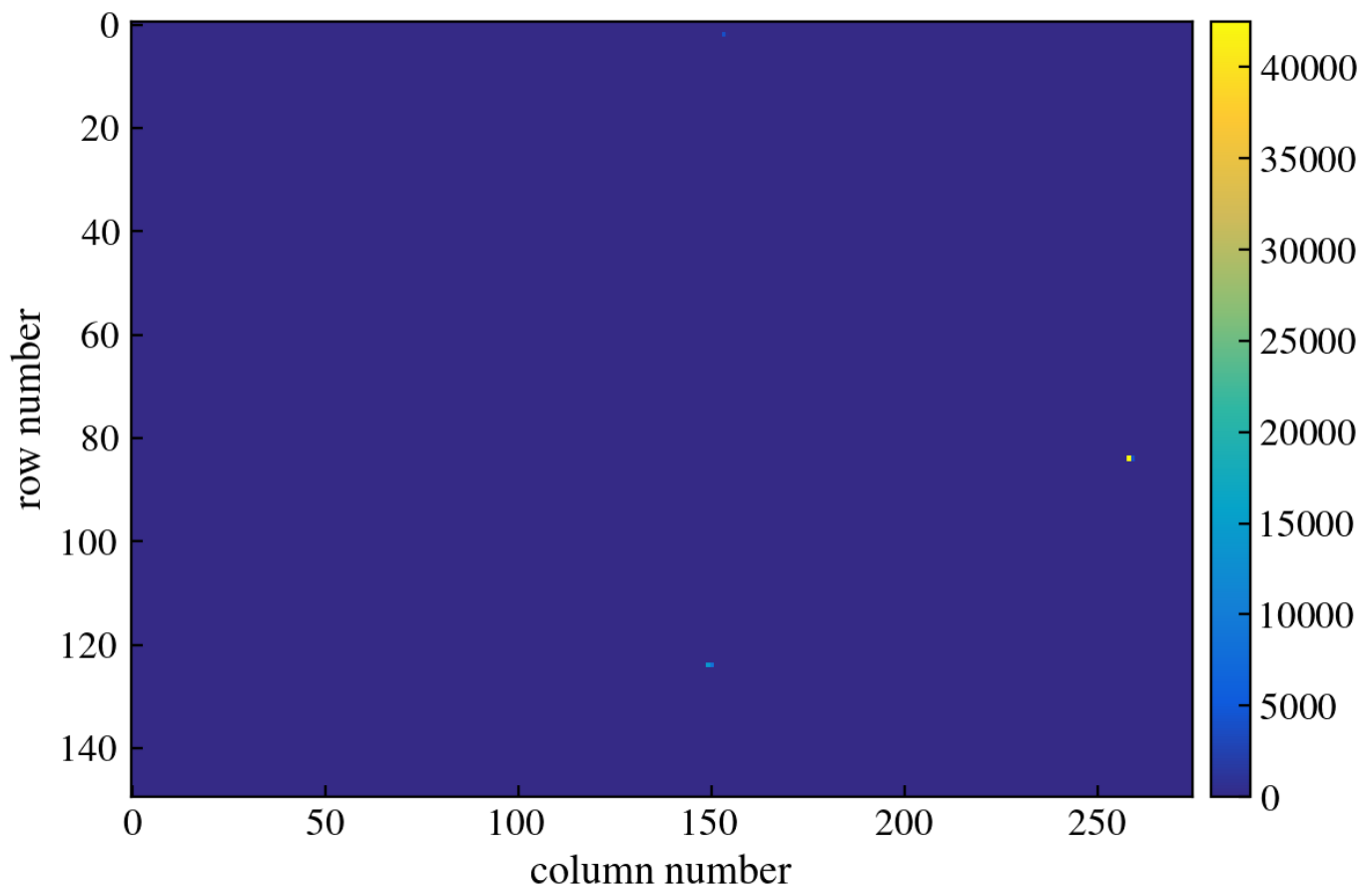


Figure 185: CCD Image

CCD Image: run 490, image 237
[class MECCDImage]

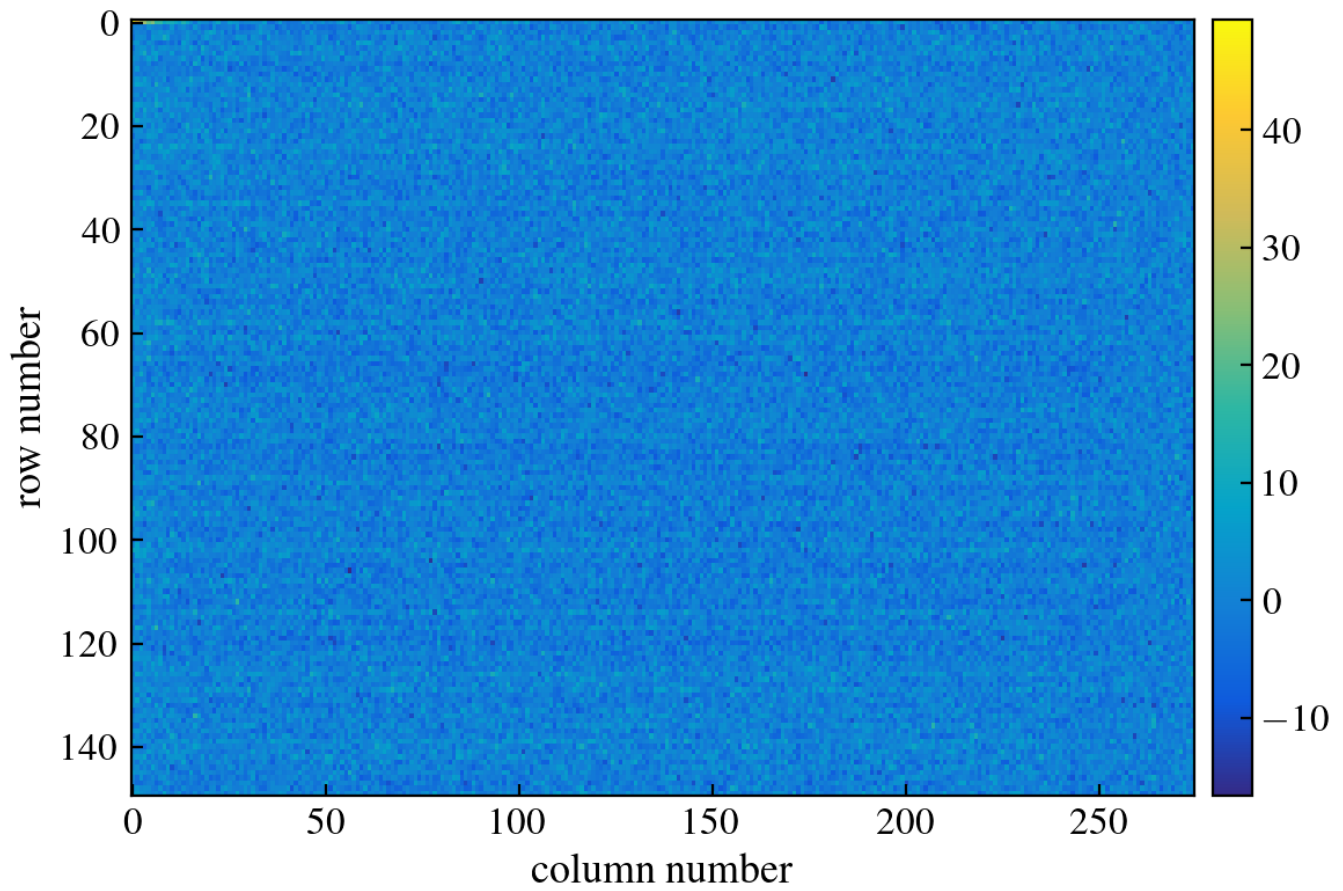


Figure 186: CCD Image

CCD Image: run 490, image 238
[class MECCDImage]

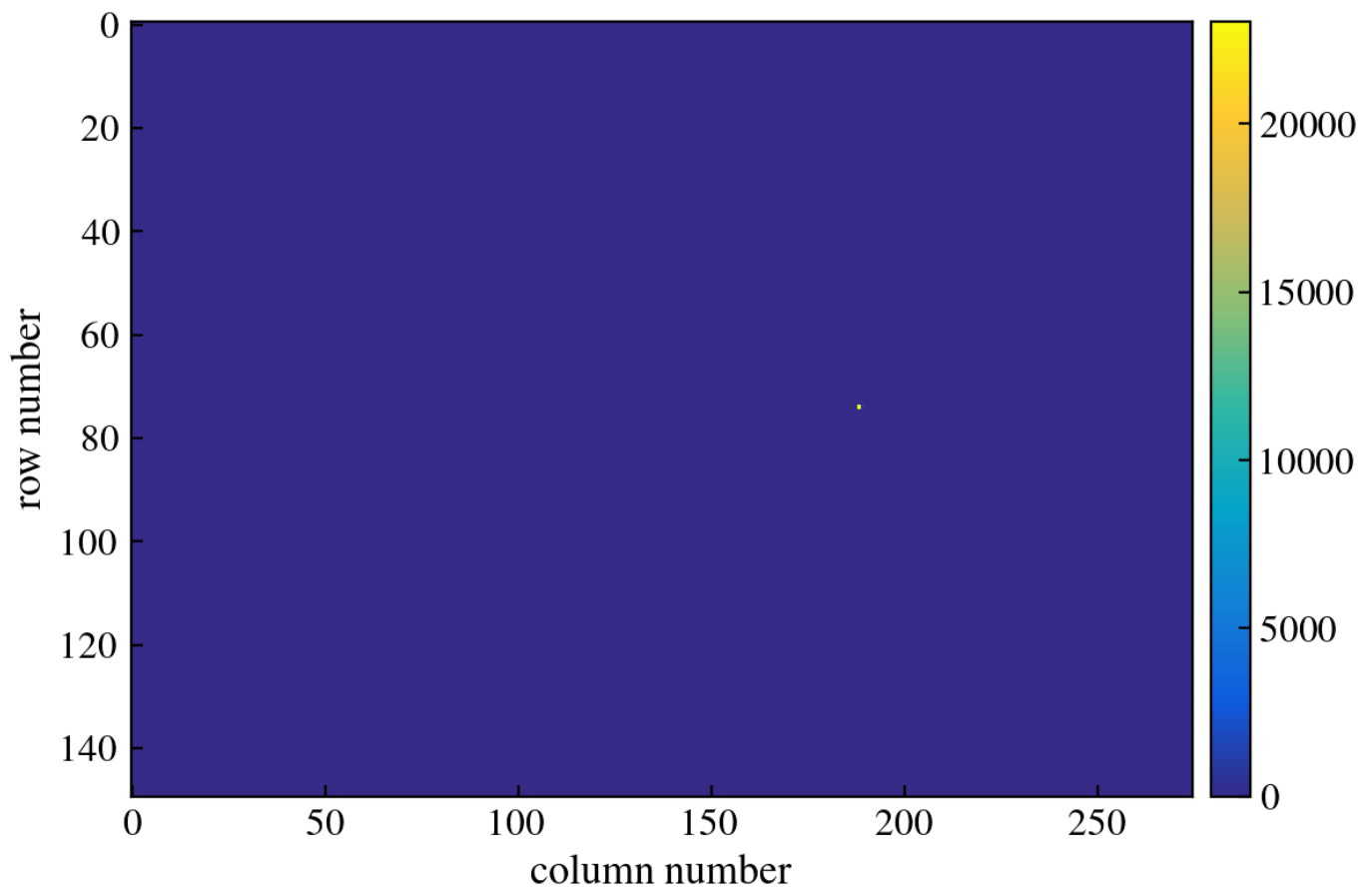


Figure 187: CCD Image

CCD Image: run 490, image 239
[class MECCDImage]

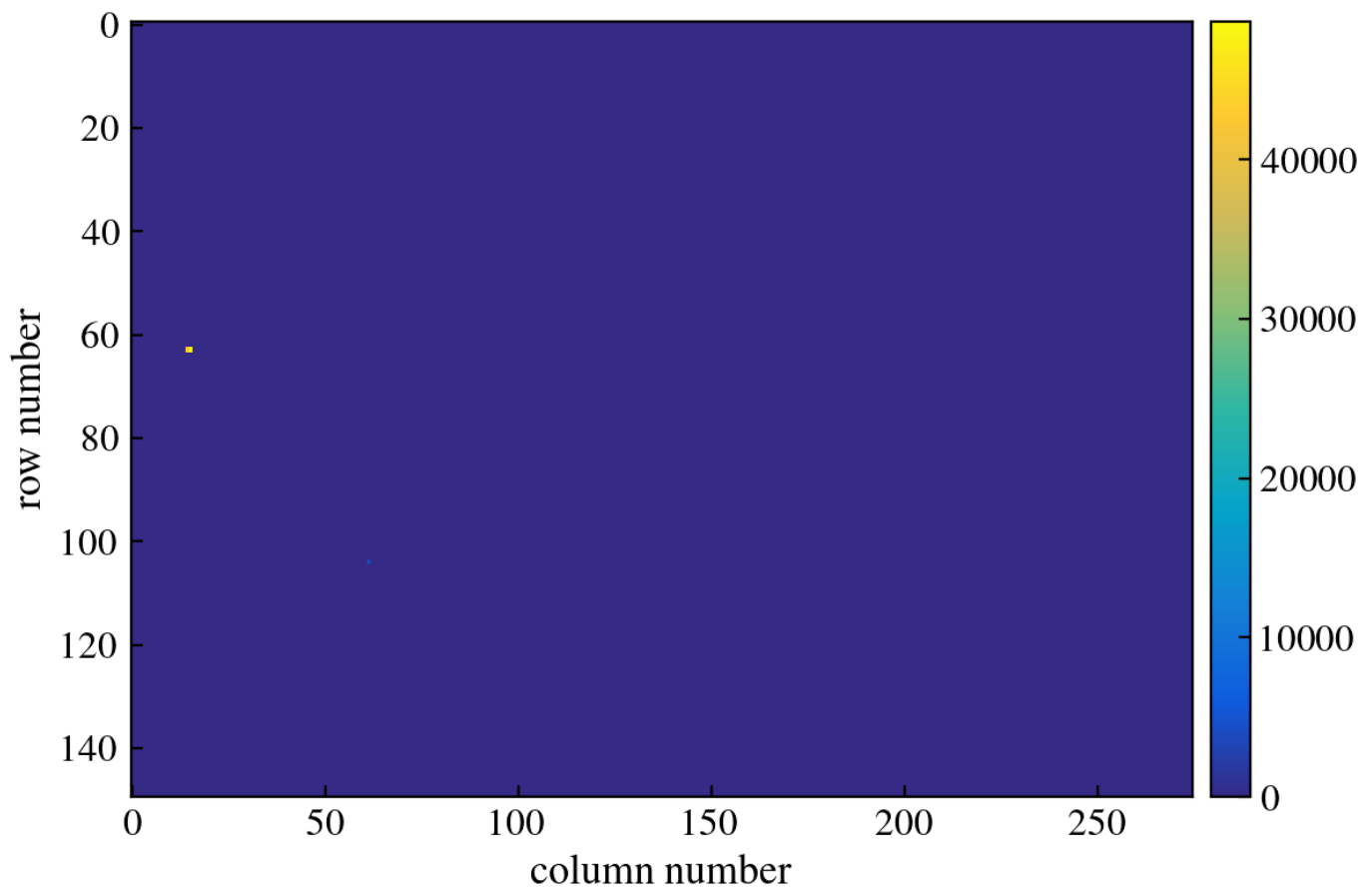


Figure 188: CCD Image

CCD Image: run 490, image 24
[class MECCDImage]

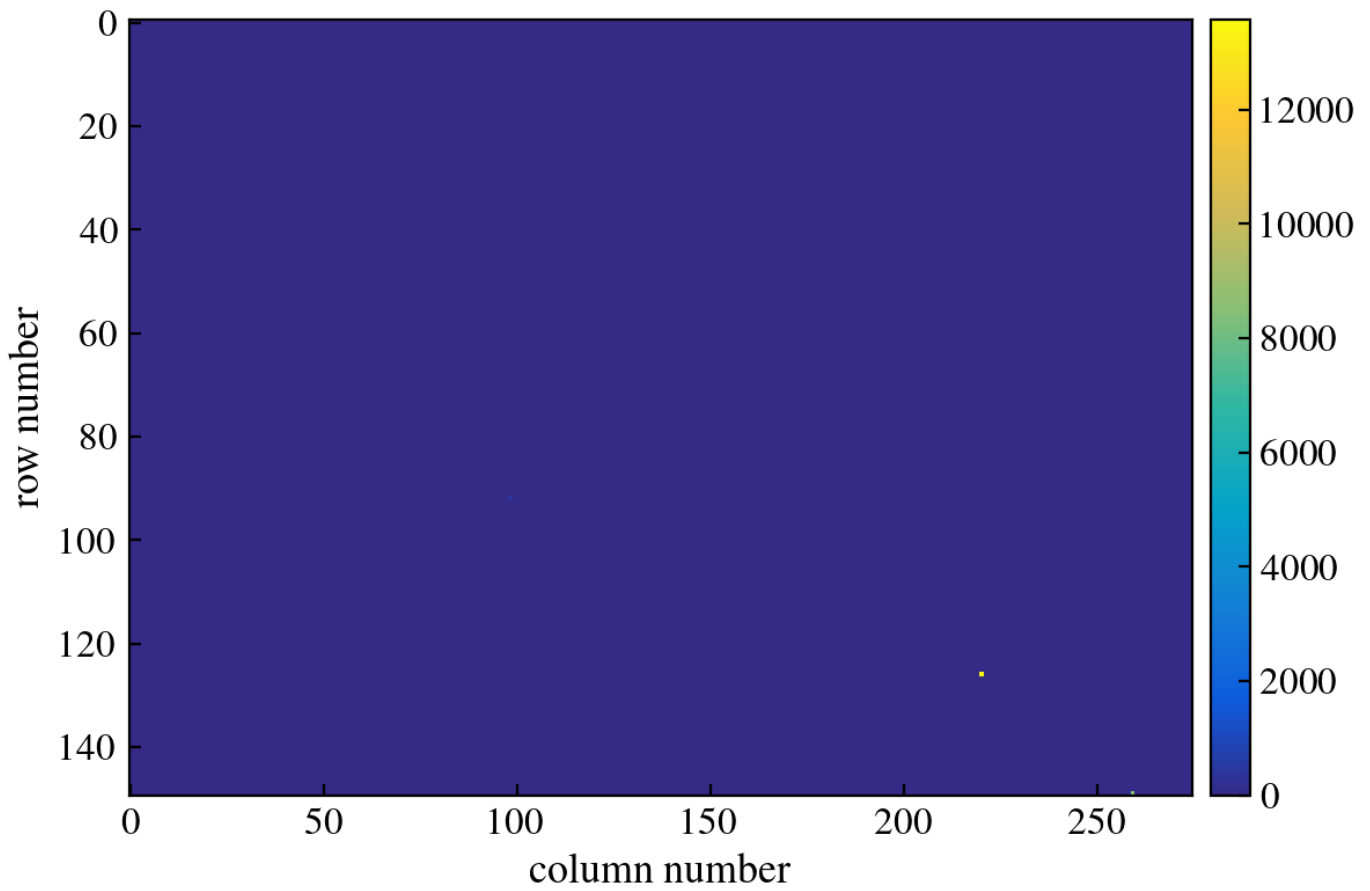


Figure 189: CCD Image

CCD Image: run 490, image 240
[class MECCDImage]

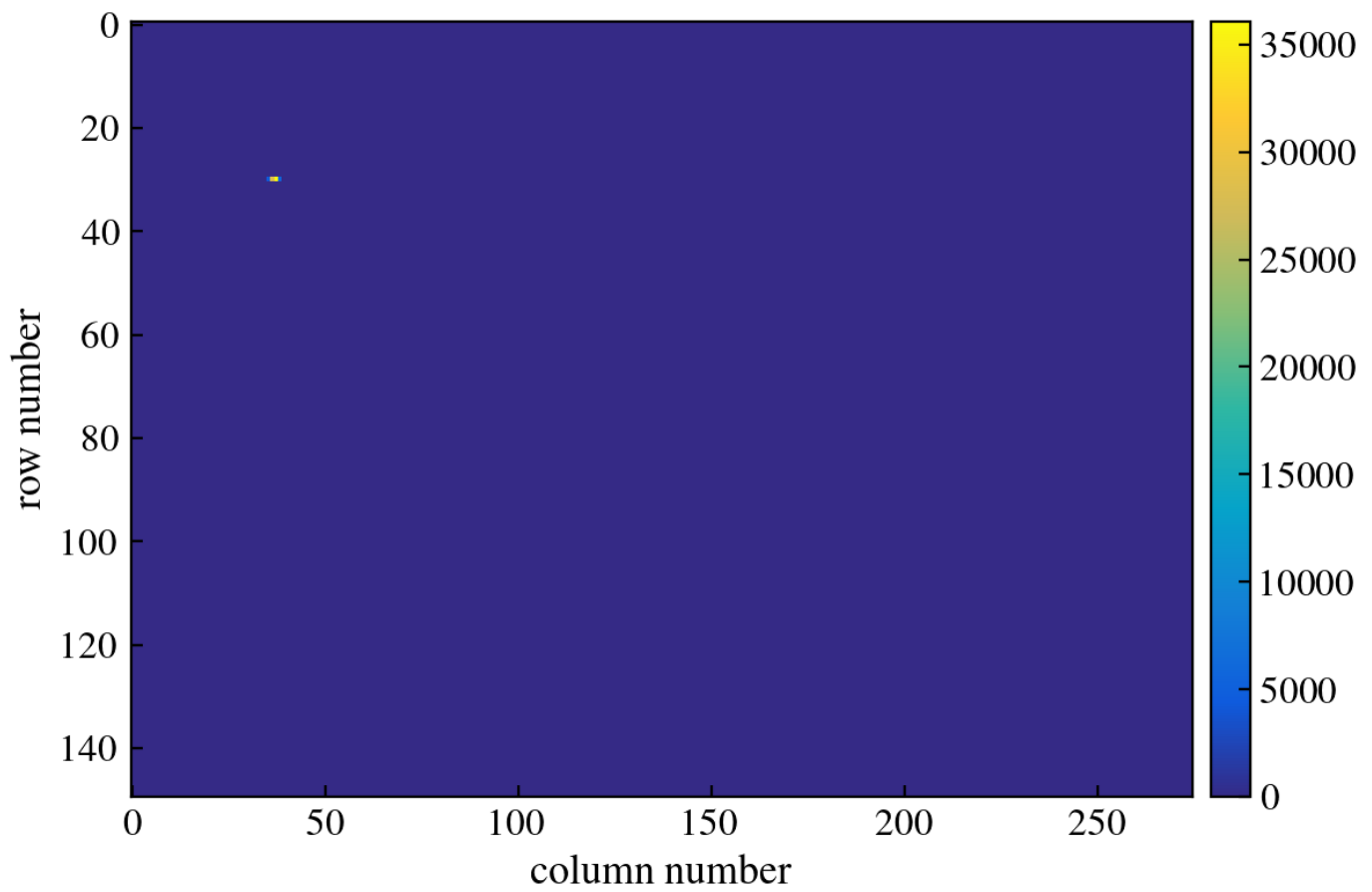


Figure 190: CCD Image

CCD Image: run 490, image 241
[class MECCDImage]

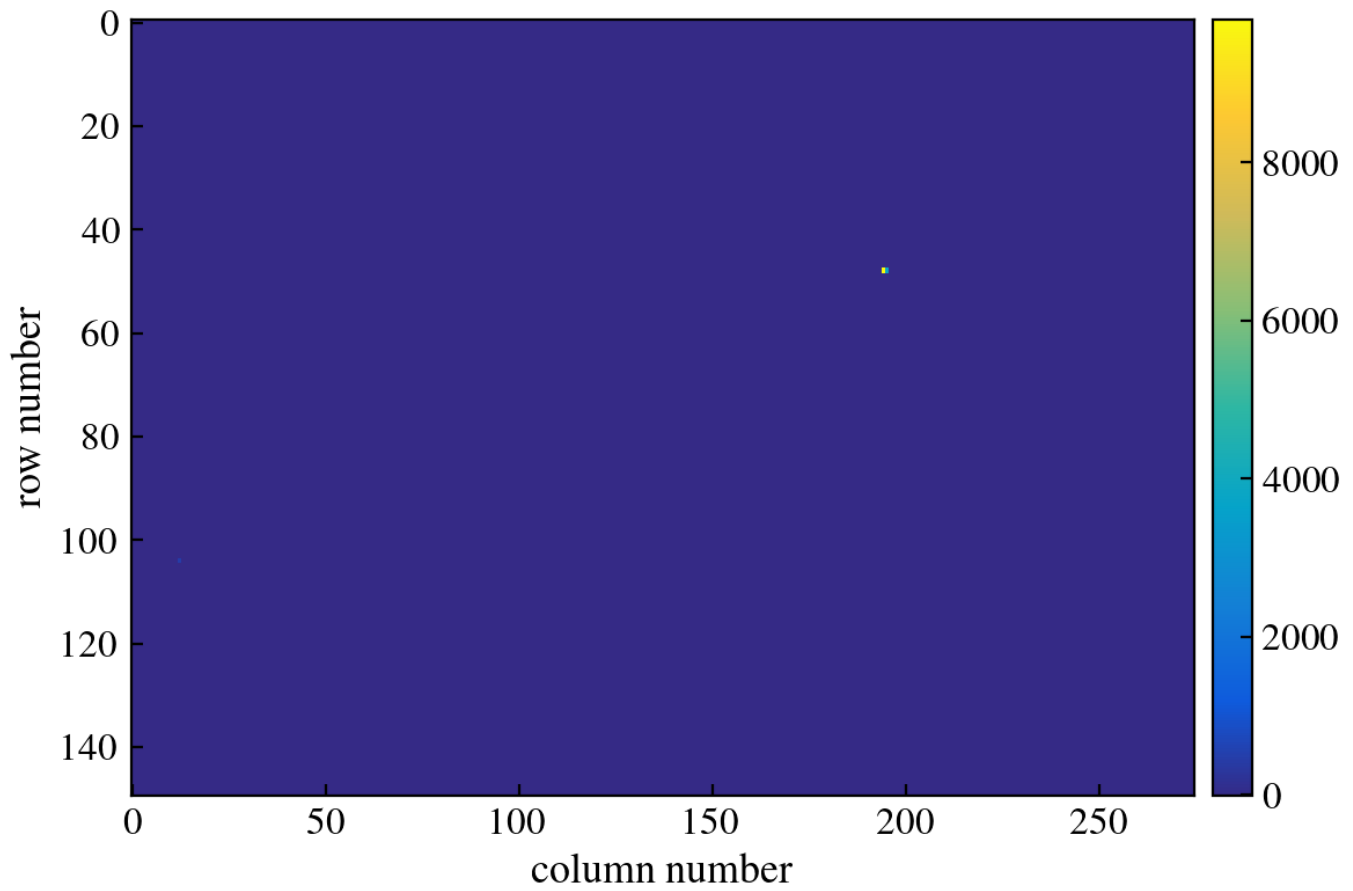


Figure 191: CCD Image

CCD Image: run 490, image 242
[class MECCDImage]

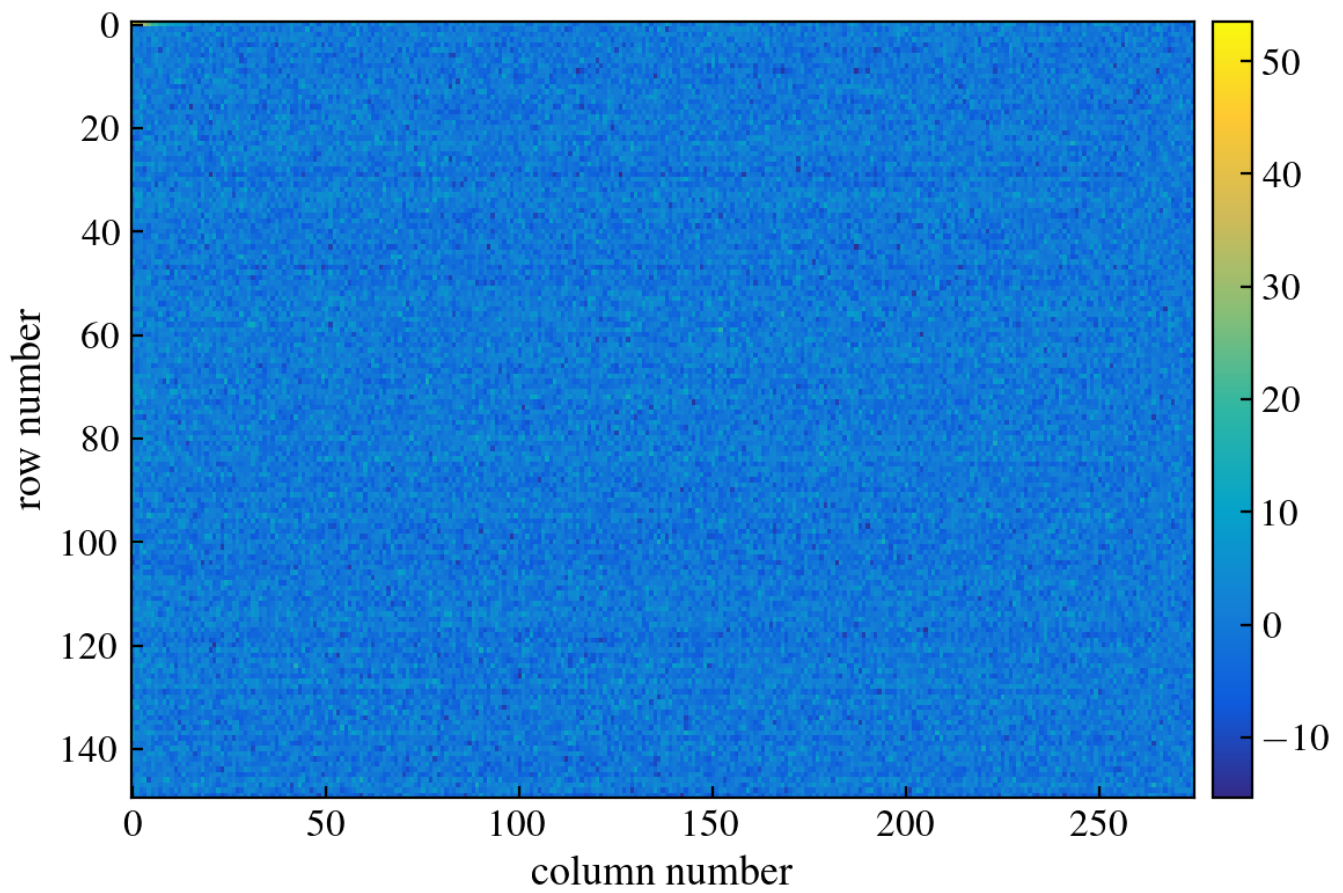


Figure 192: CCD Image

CCD Image: run 490, image 243
[class MECCDImage]

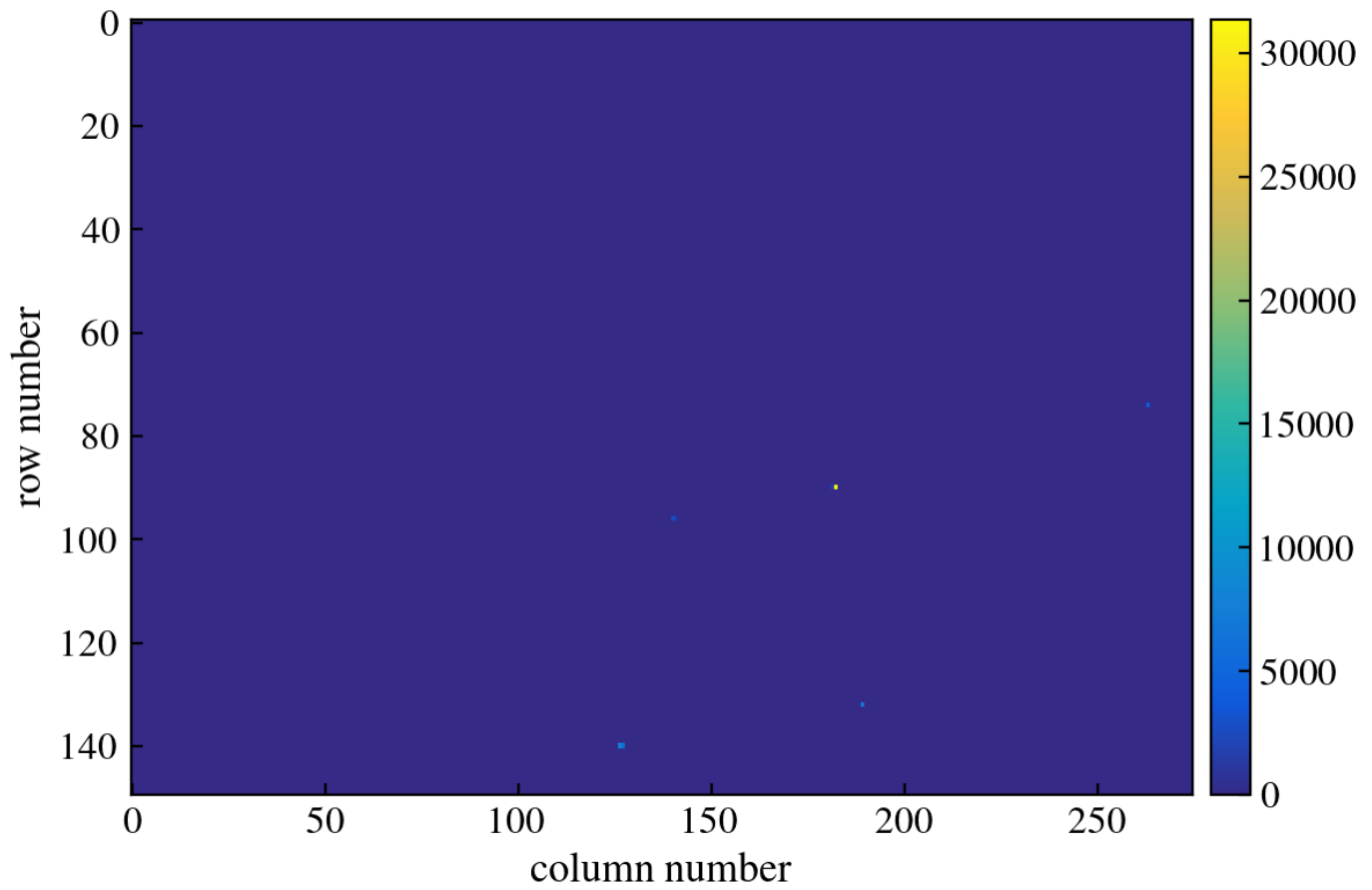


Figure 193: CCD Image

CCD Image: run 490, image 244
[class MECCDImage]

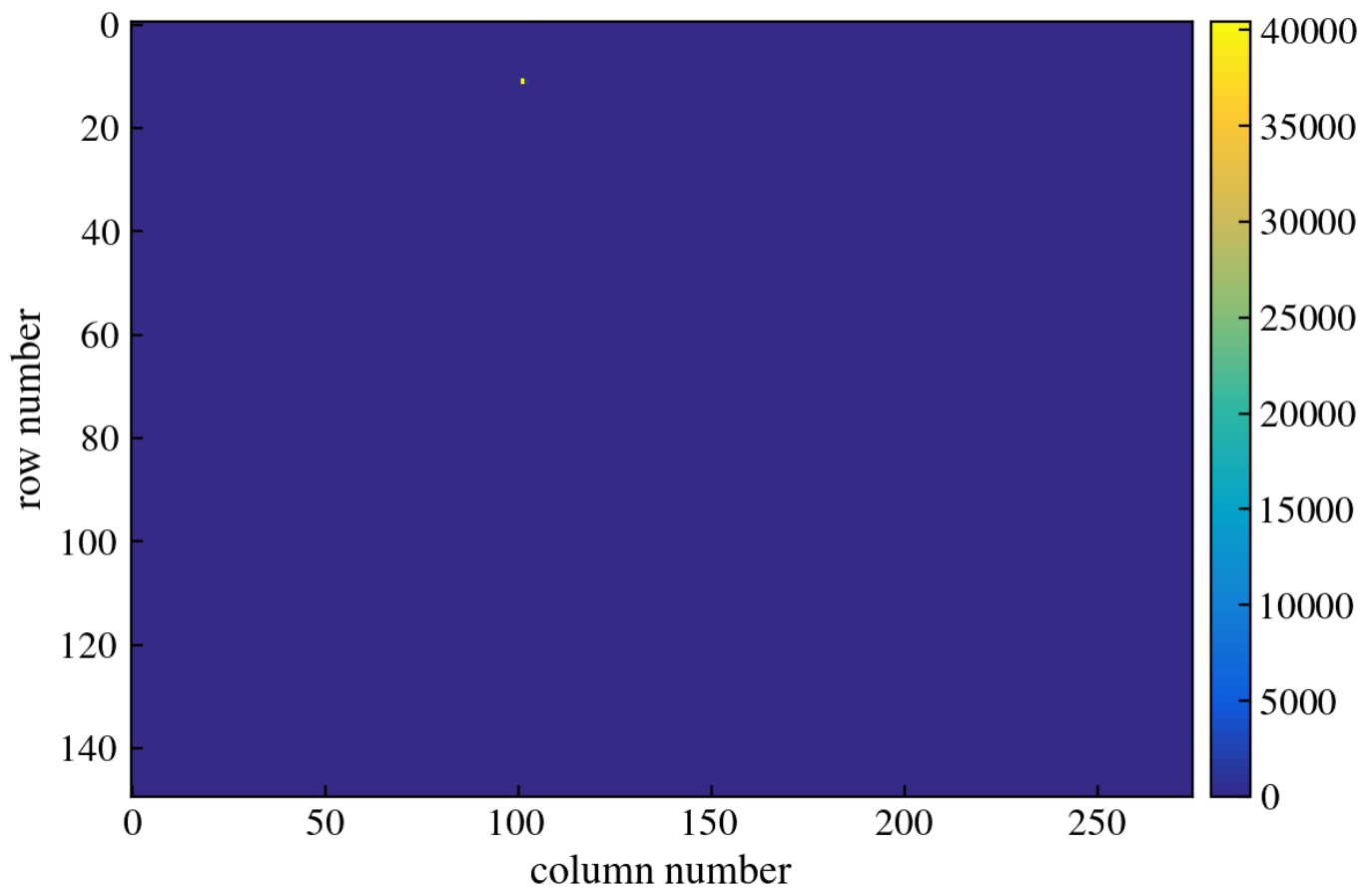


Figure 194: CCD Image

CCD Image: run 490, image 245
[class MECCDImage]

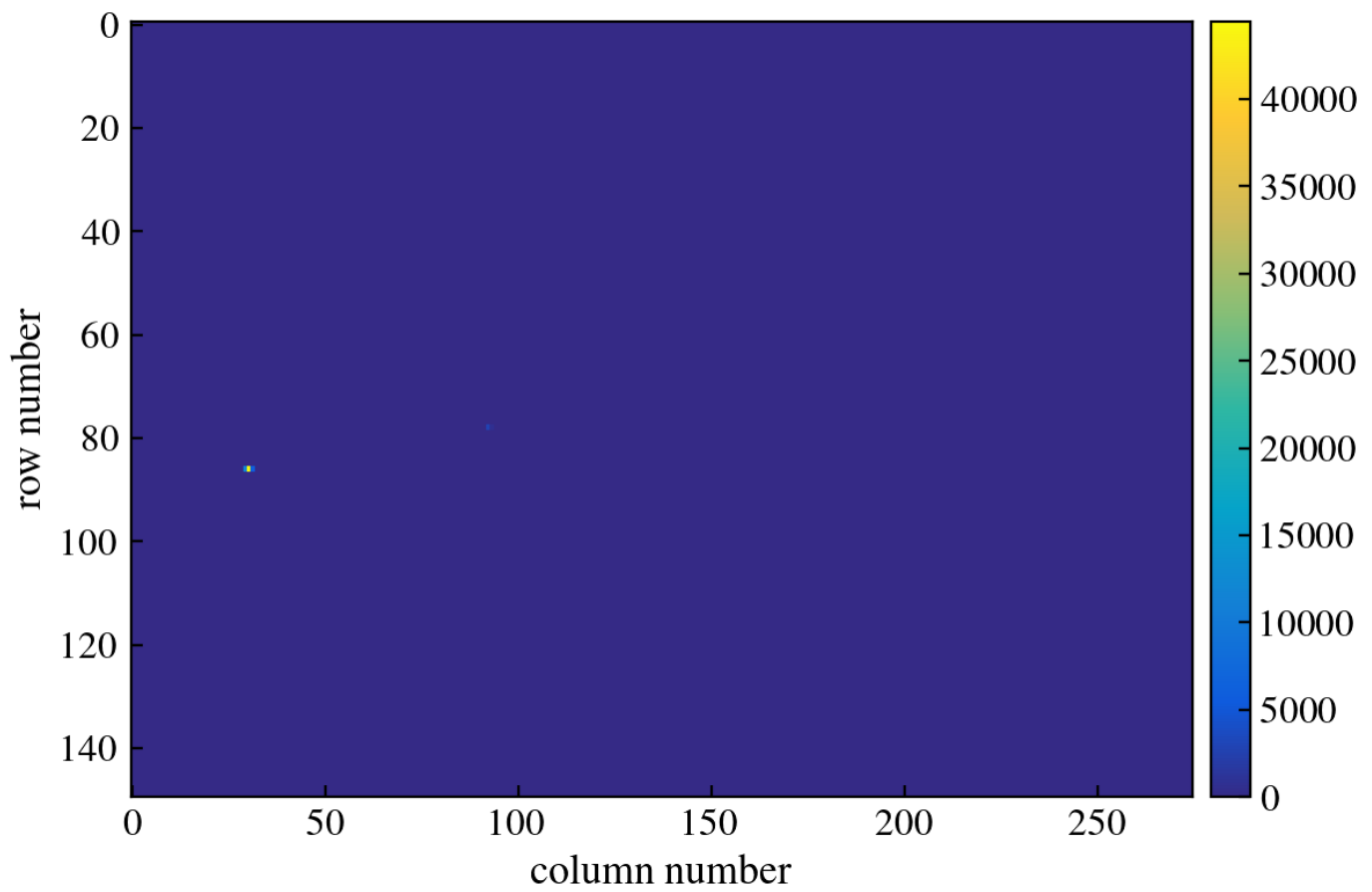


Figure 195: CCD Image

CCD Image: run 490, image 246
[class MECCDImage]

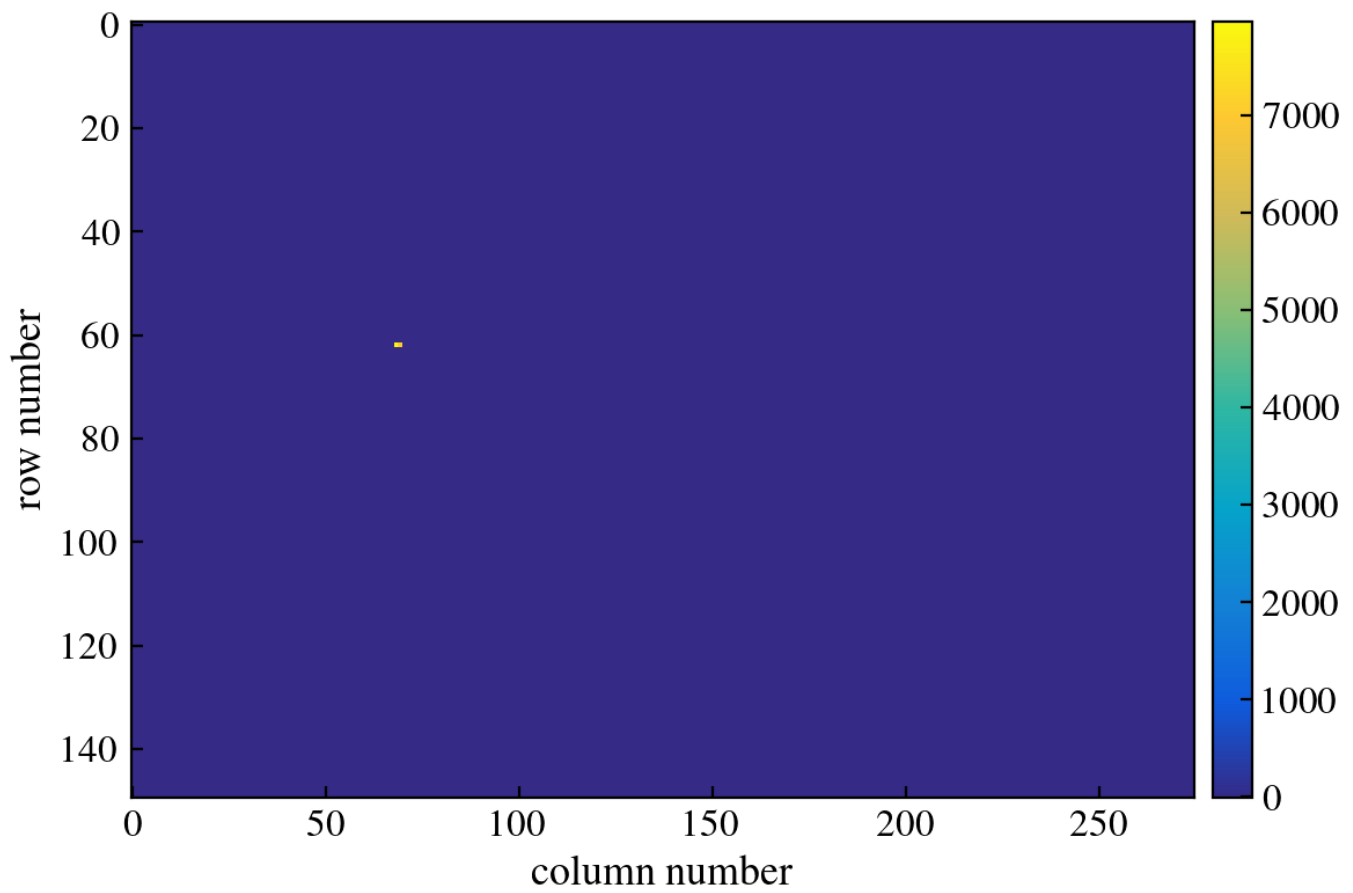


Figure 196: CCD Image

CCD Image: run 490, image 247
[class MECCDImage]

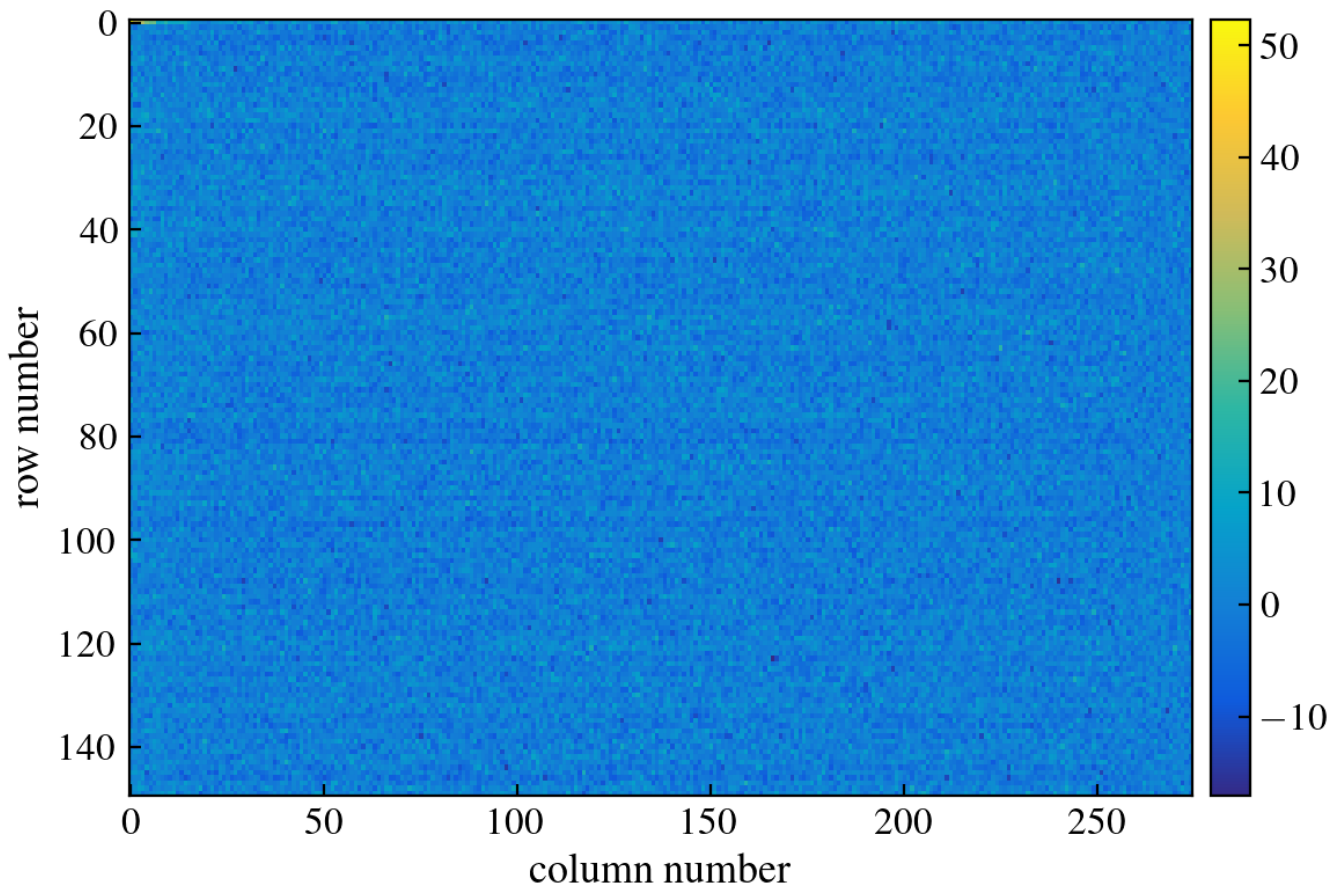


Figure 197: CCD Image

CCD Image: run 490, image 248
[class MECCDImage]

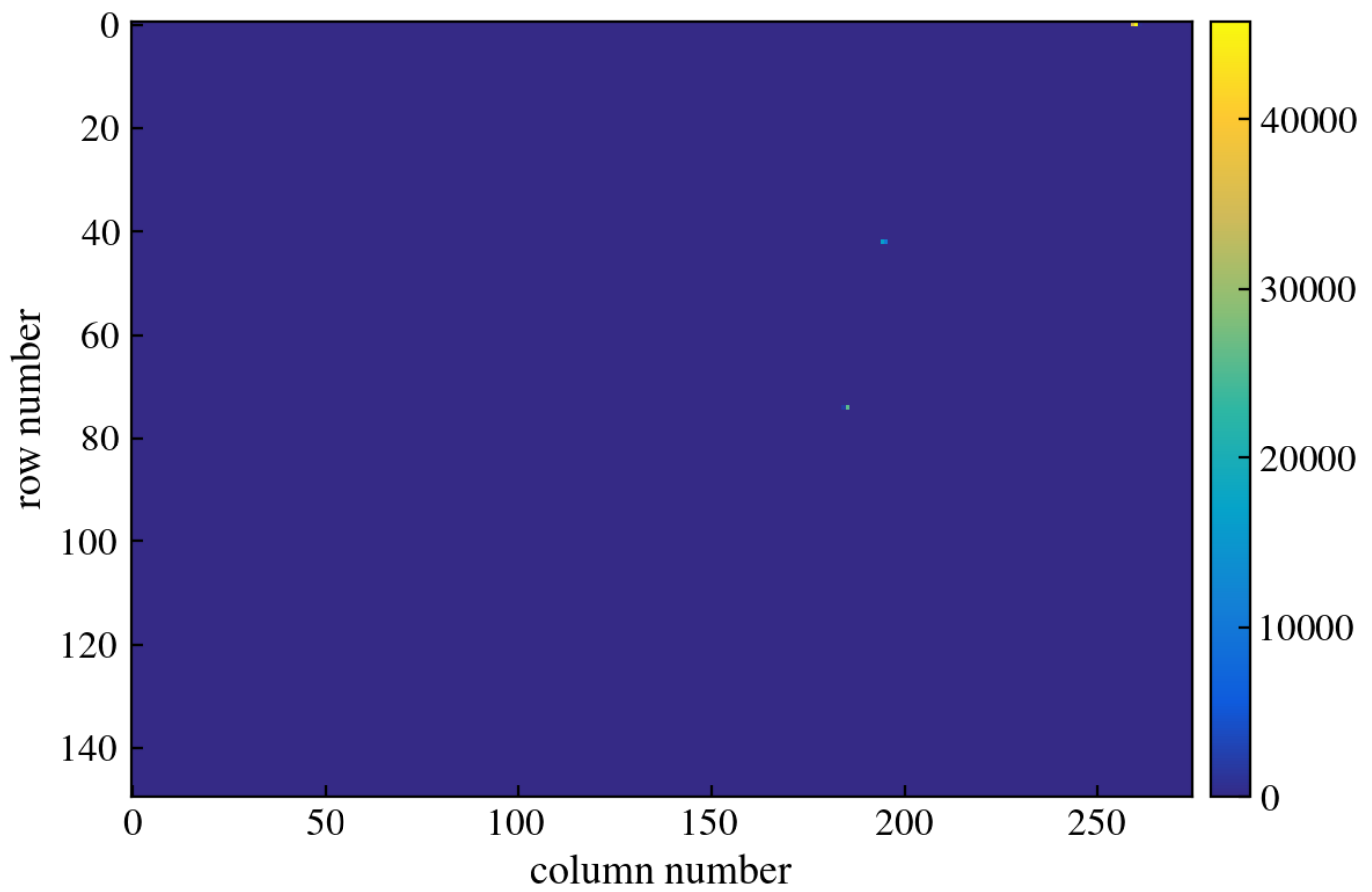


Figure 198: CCD Image

CCD Image: run 490, image 249
[class MECCDImage]

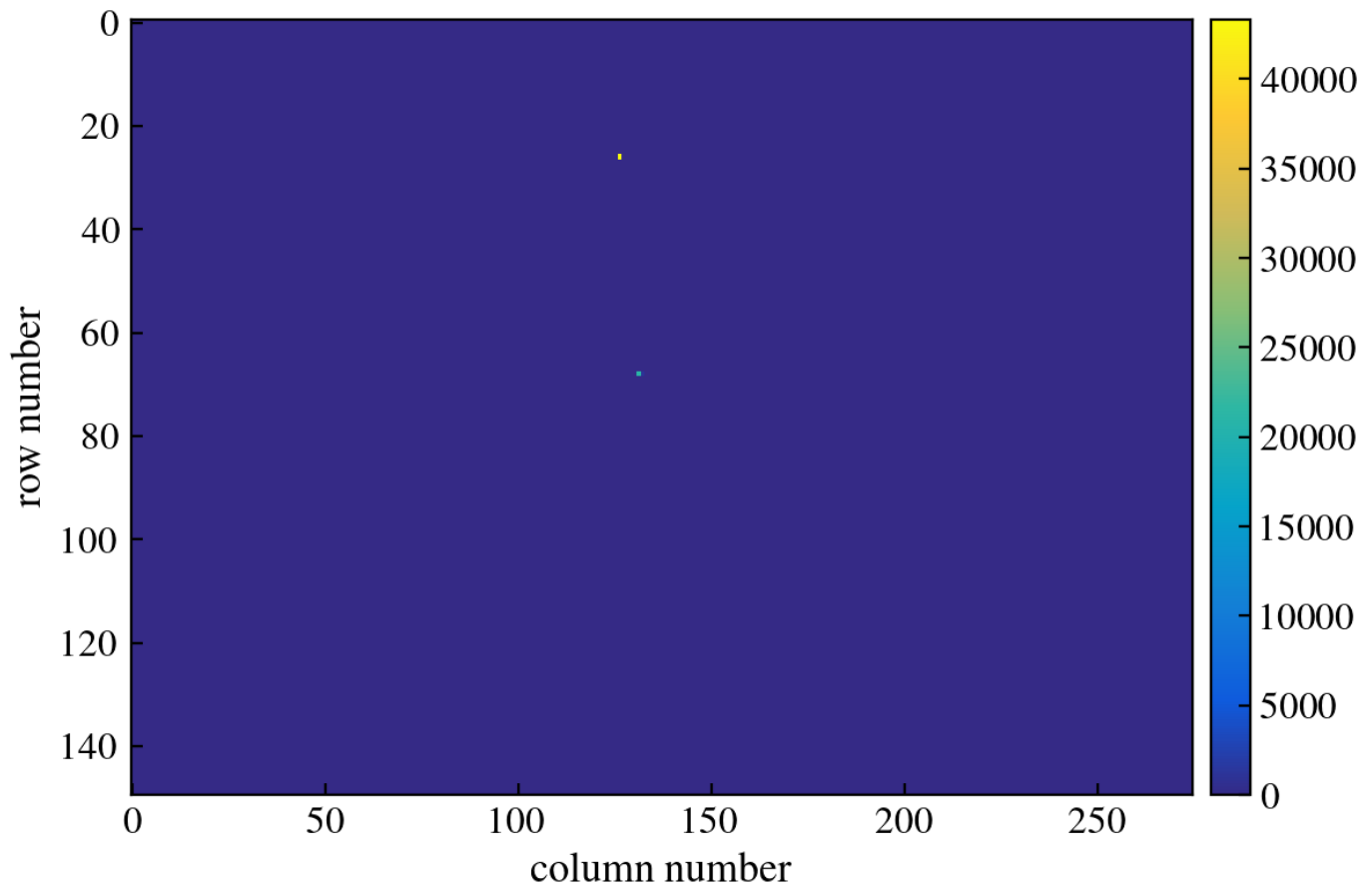


Figure 199: CCD Image

CCD Image: run 490, image 25
[class MECCDImage]

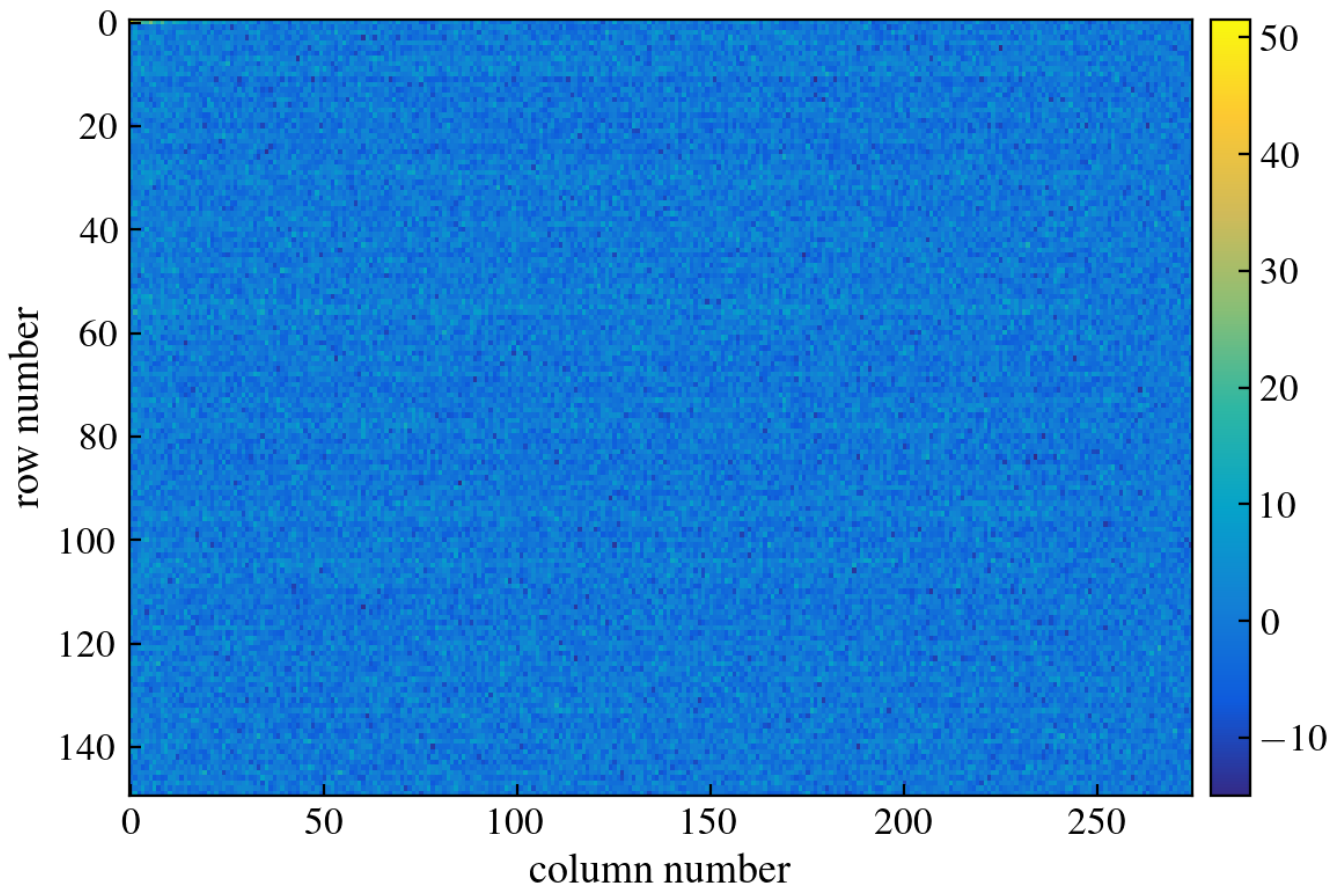


Figure 200: CCD Image

CCD Image: run 490, image 250
[class MECCDImage]

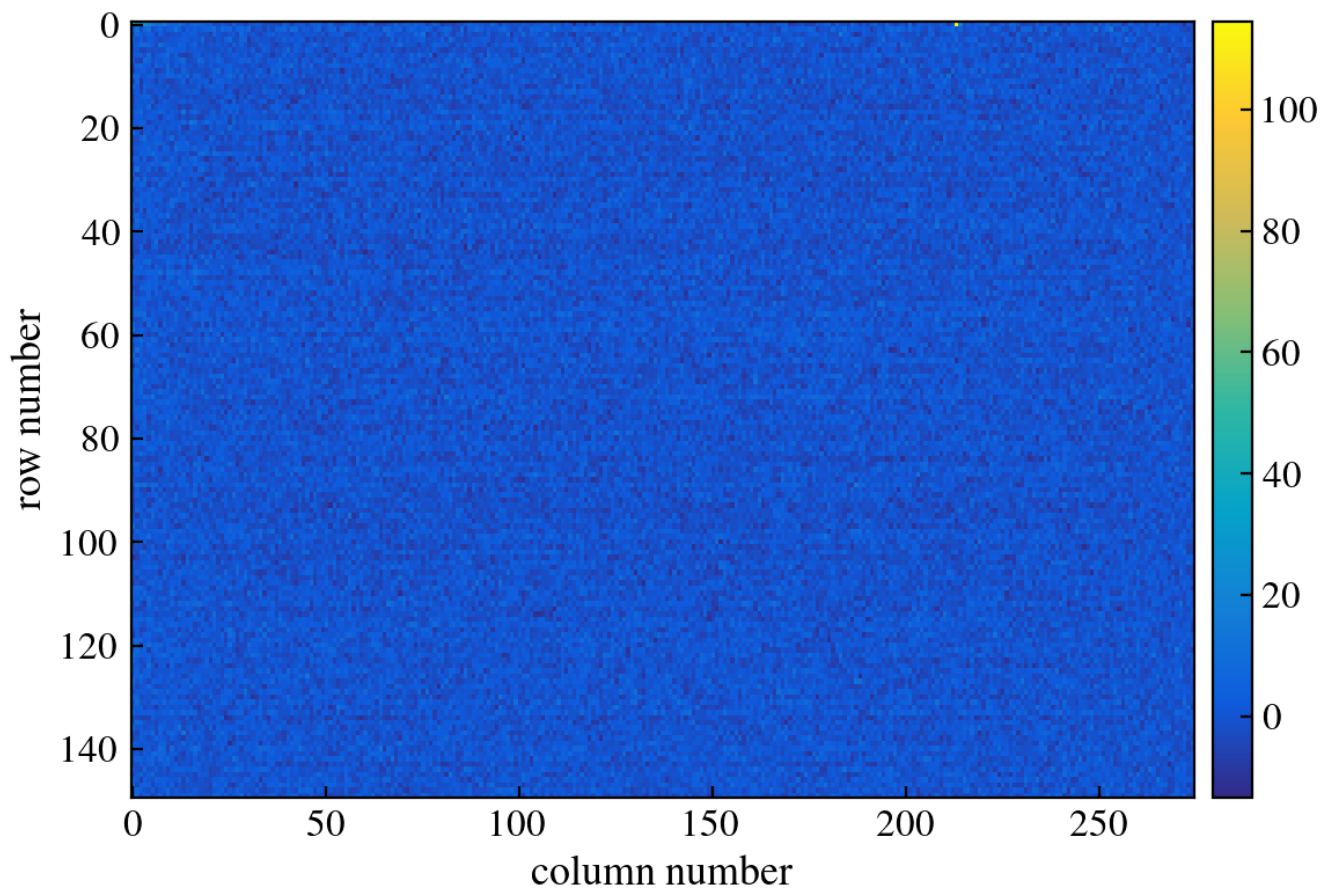


Figure 201: CCD Image

CCD Image: run 490, image 251
[class MECCDImage]

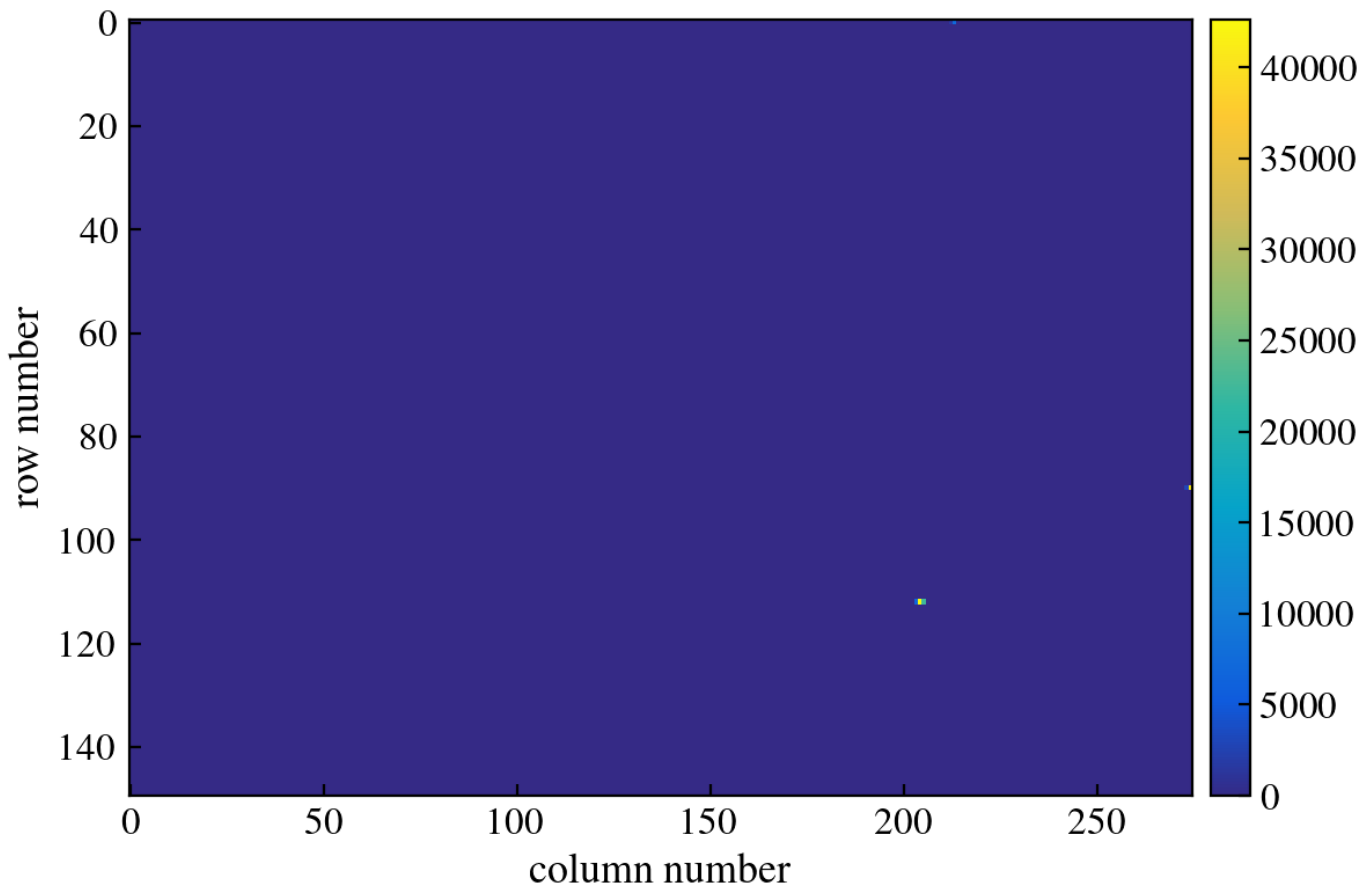


Figure 202: CCD Image

CCD Image: run 490, image 252
[class MECCDImage]

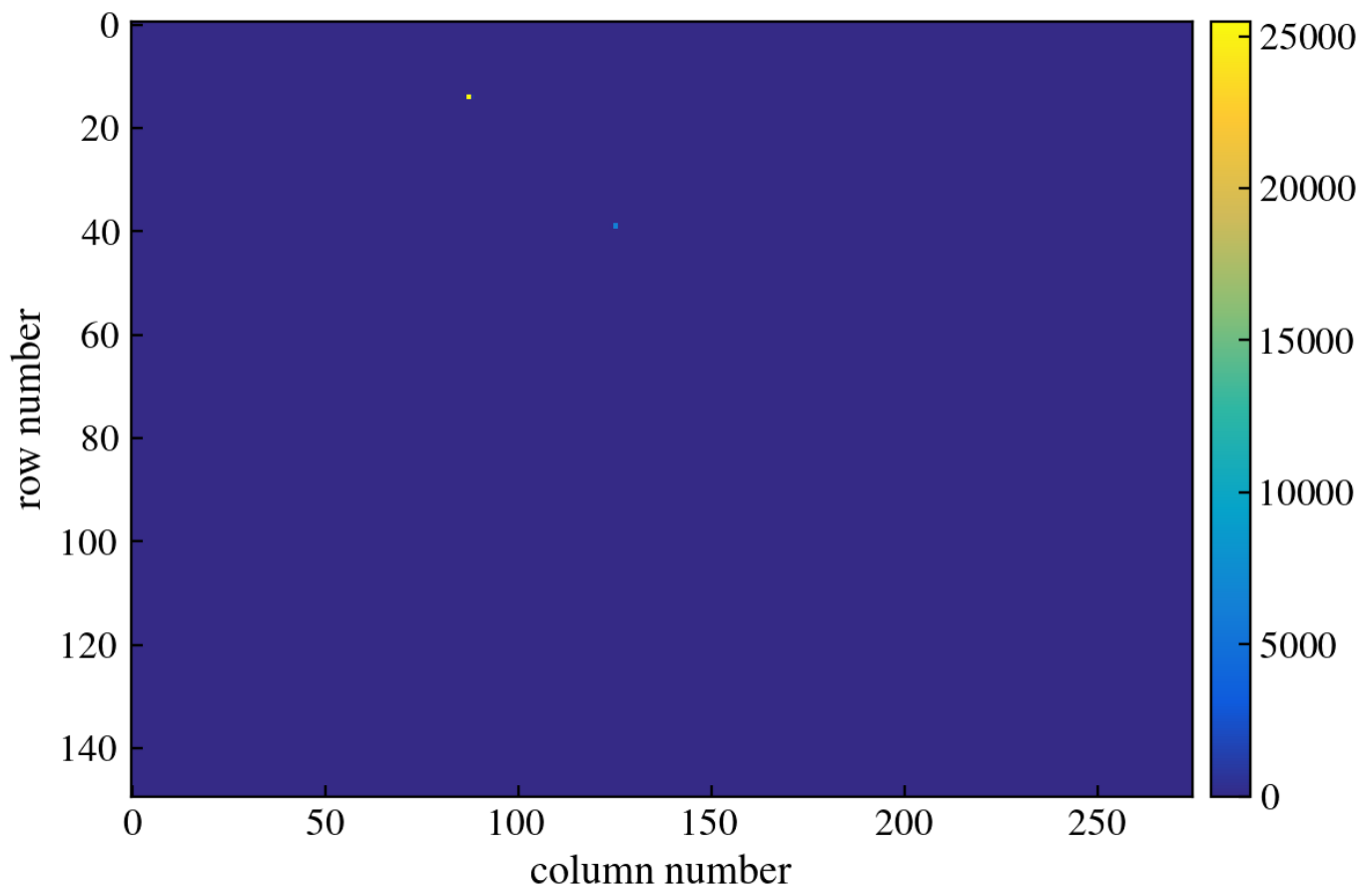


Figure 203: CCD Image

CCD Image: run 490, image 253
[class MECCDImage]

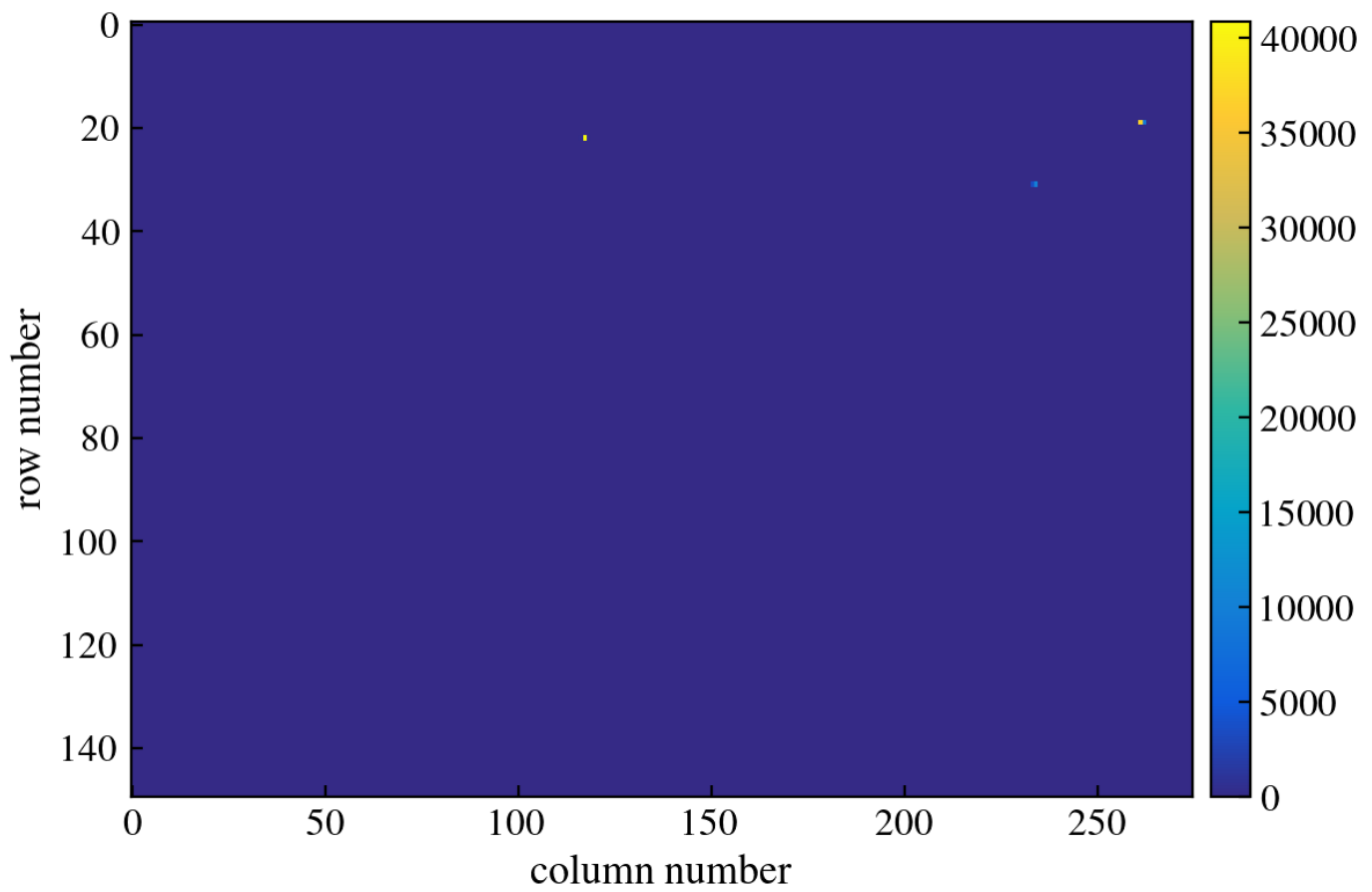


Figure 204: CCD Image

CCD Image: run 490, image 254
[class MECCDImage]

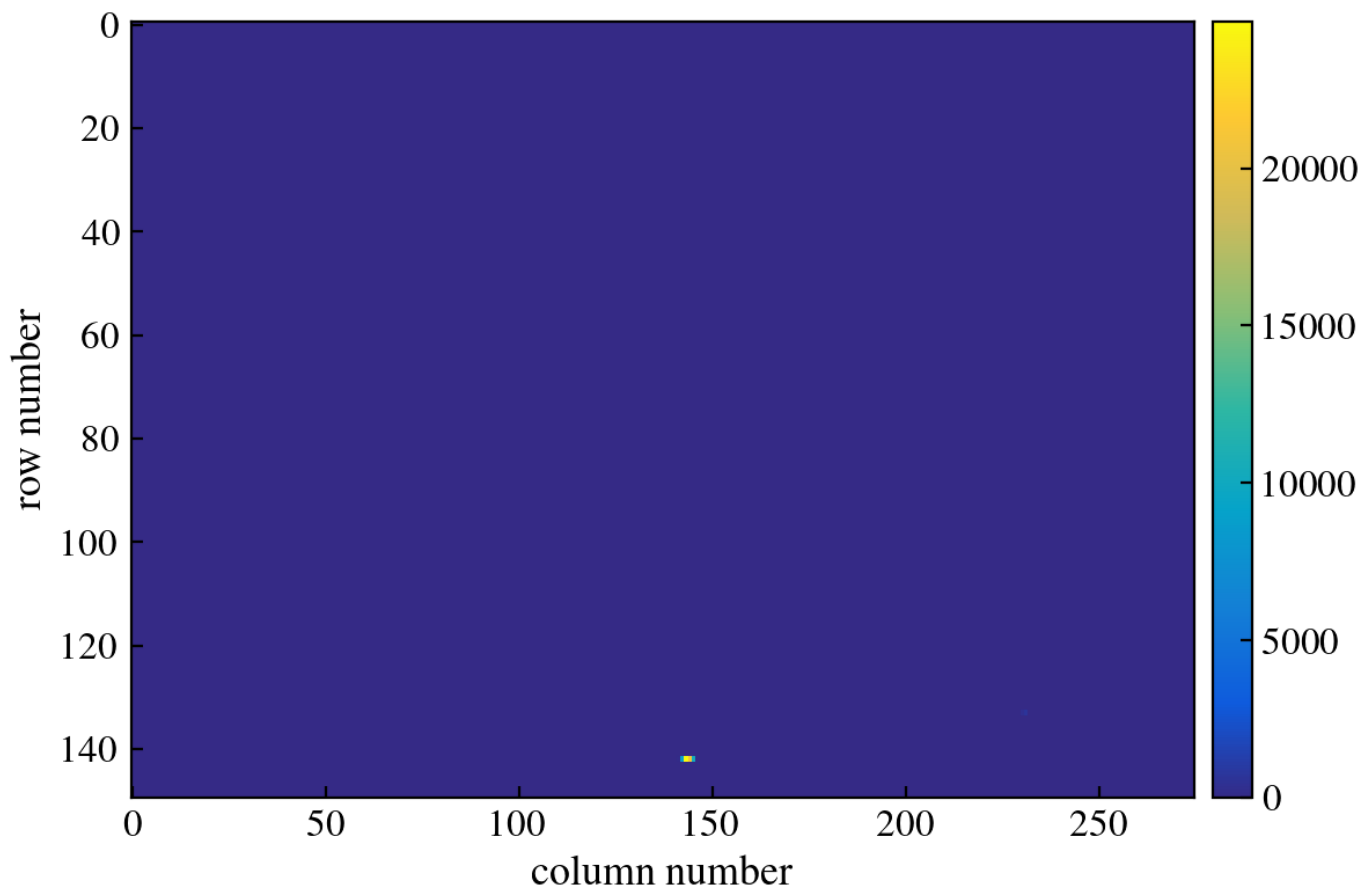


Figure 205: CCD Image

CCD Image: run 490, image 255
[class MECCDImage]

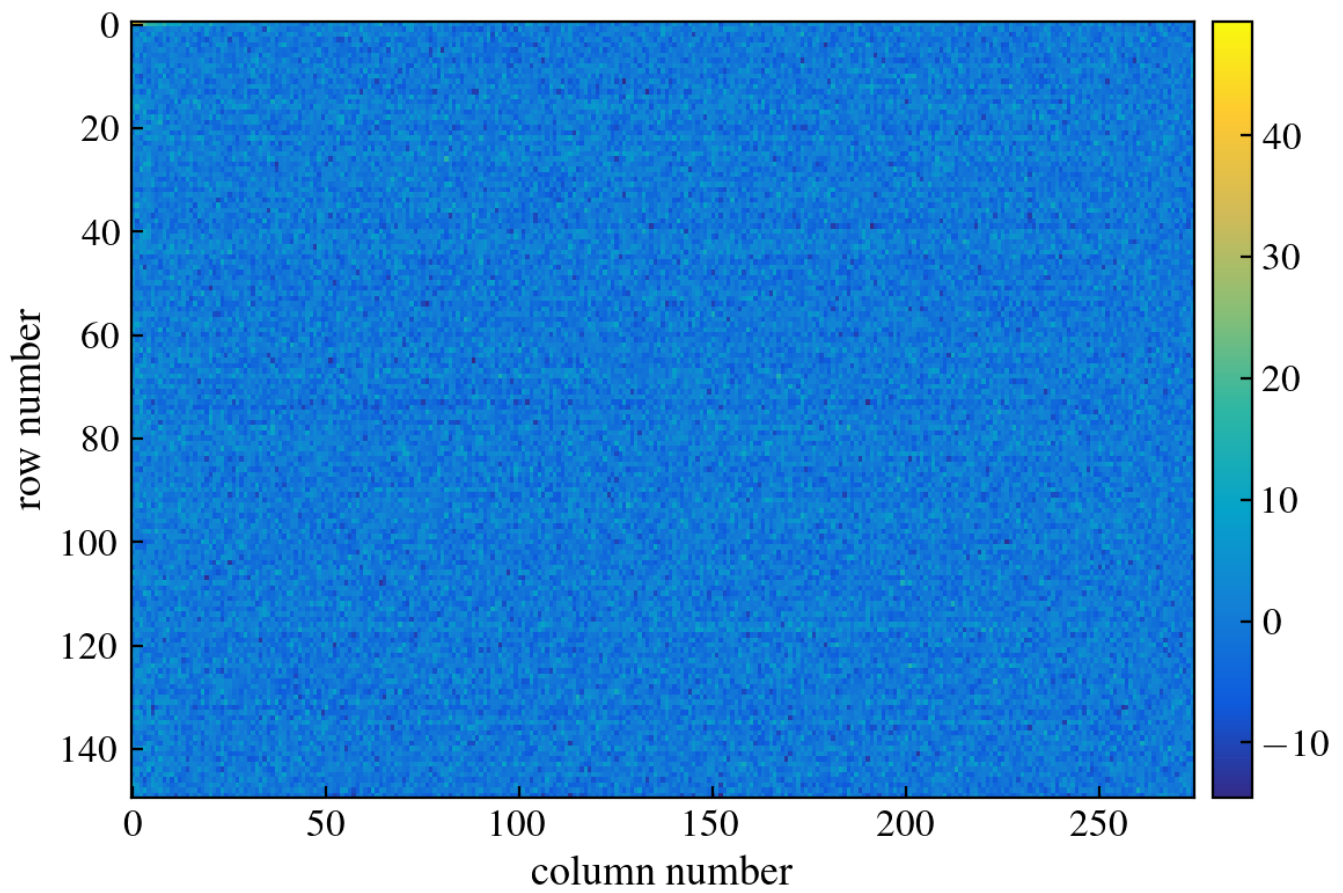


Figure 206: CCD Image

CCD Image: run 490, image 256
[class MECCDImage]

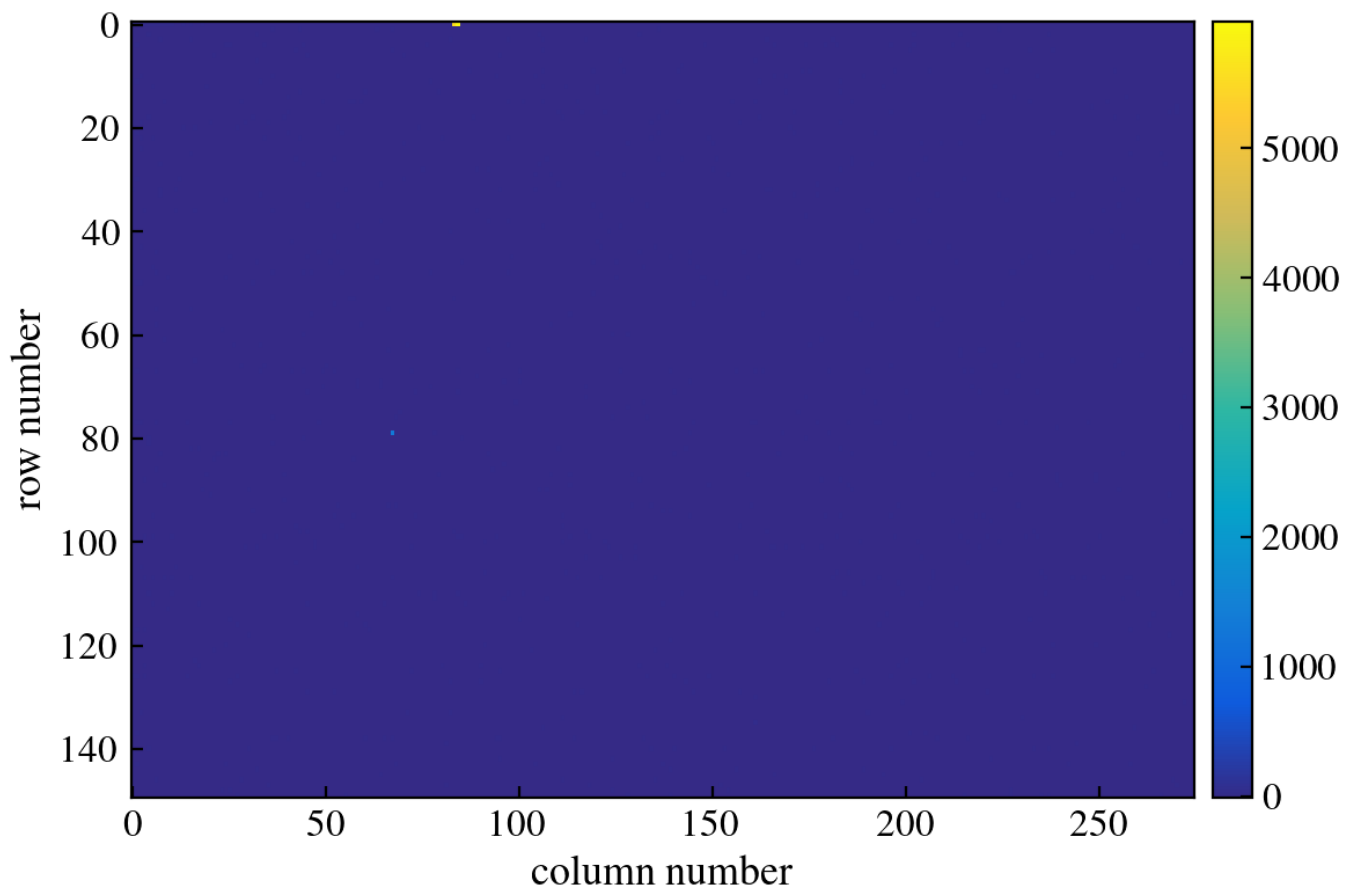


Figure 207: CCD Image

CCD Image: run 490, image 257
[class MECCDImage]

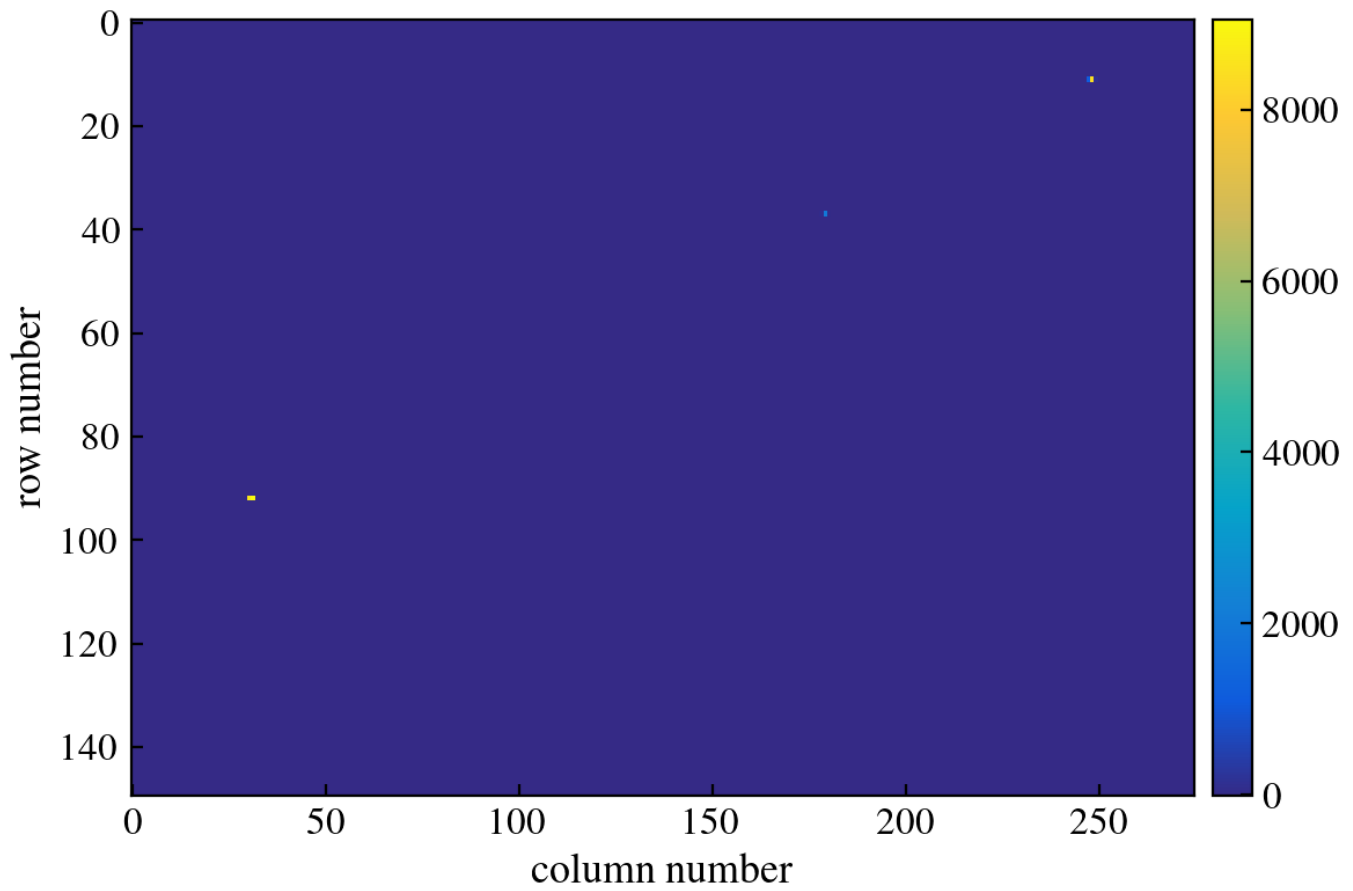


Figure 208: CCD Image

CCD Image: run 490, image 258
[class MECCDImage]

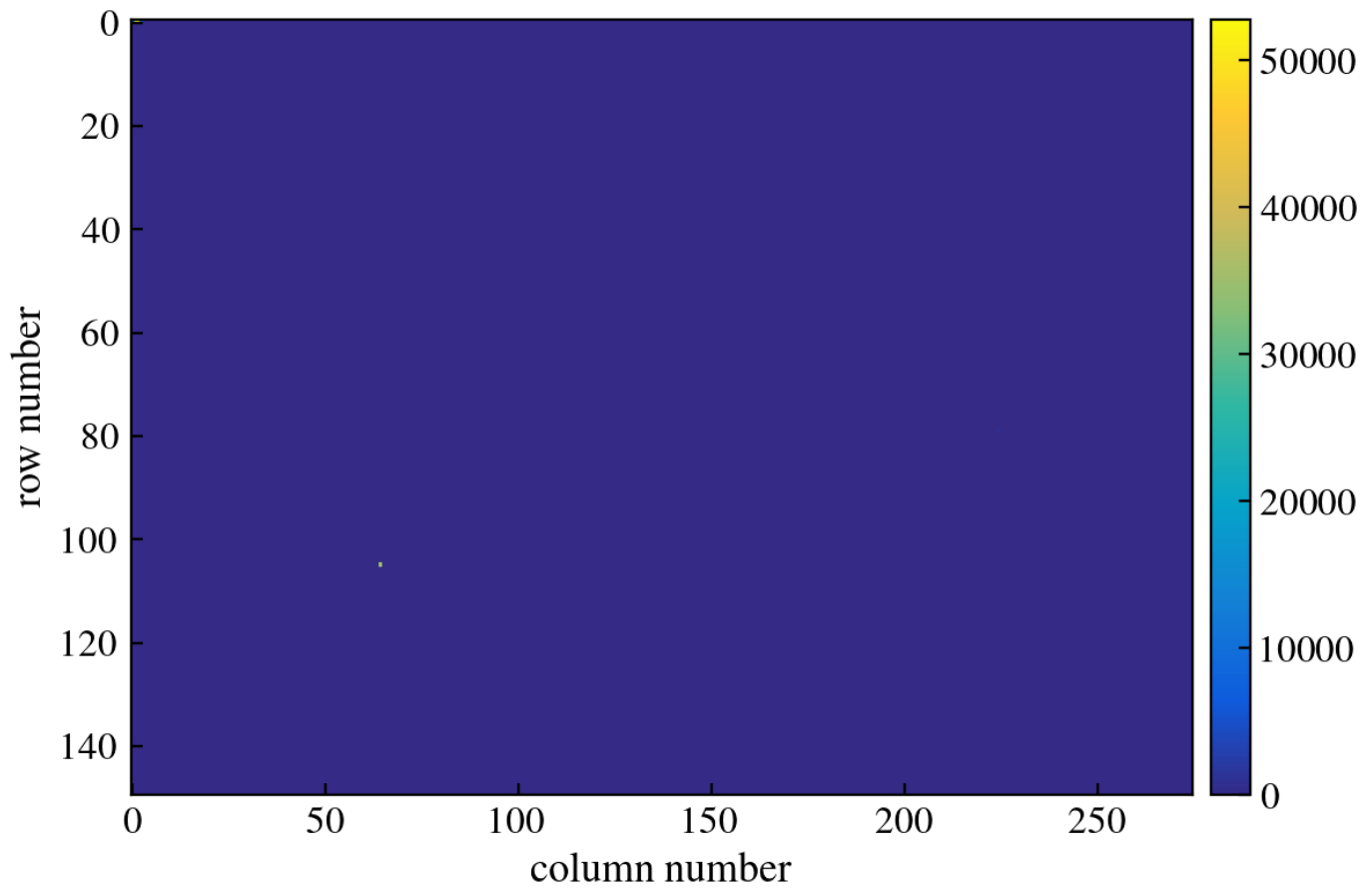


Figure 209: CCD Image

CCD Image: run 490, image 259
[class MECCDImage]

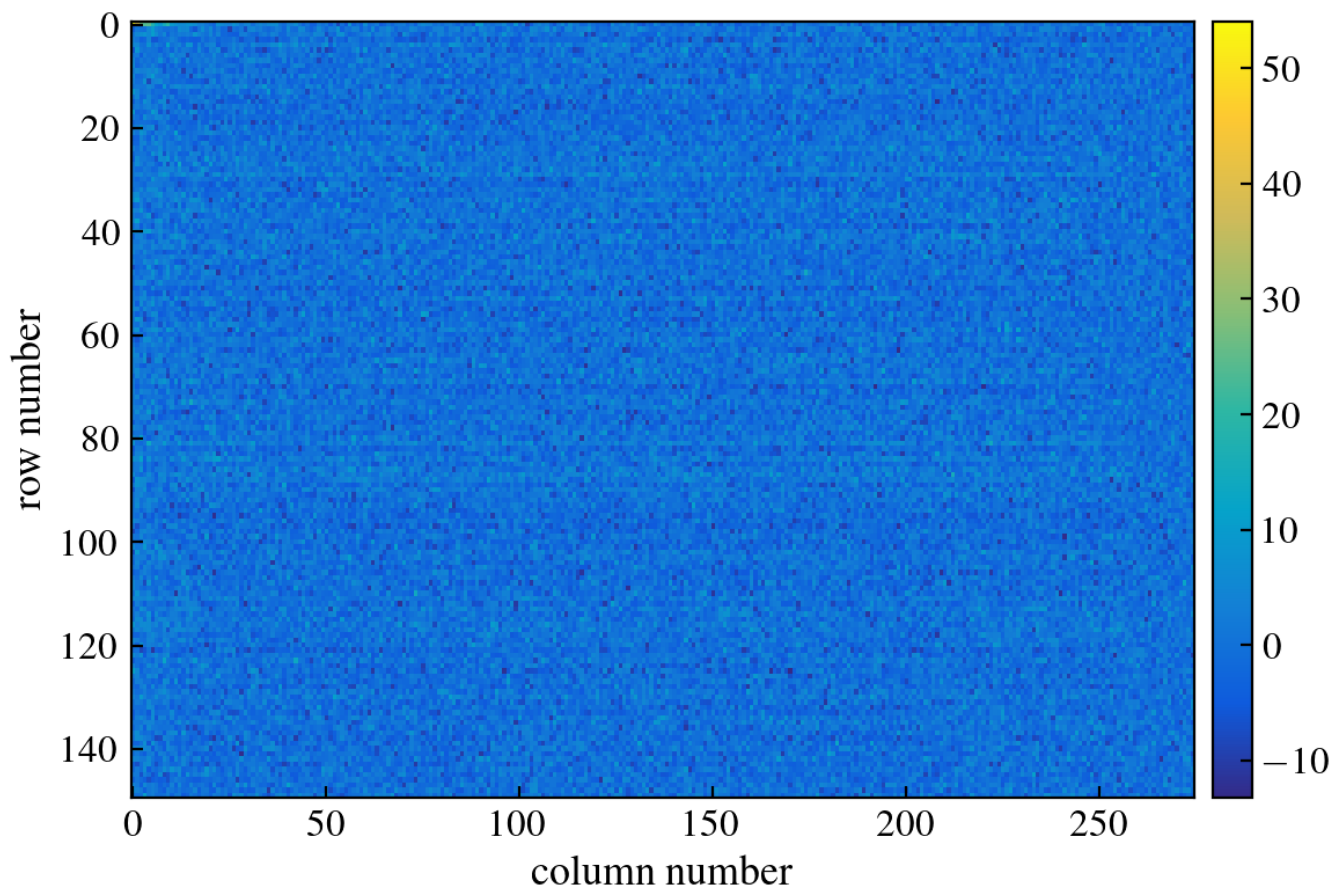


Figure 210: CCD Image

CCD Image: run 490, image 26
[class MECCDImage]

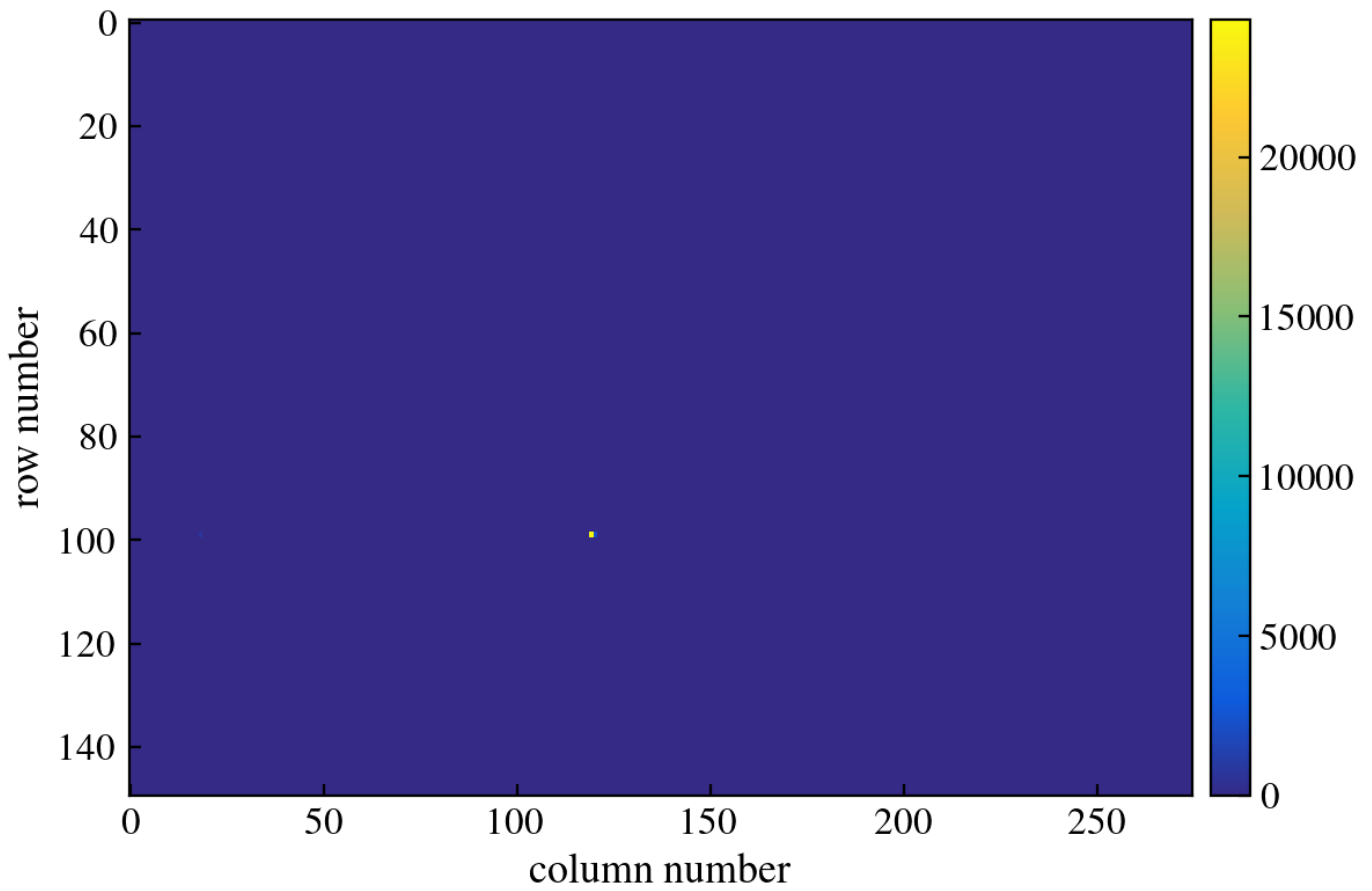


Figure 211: CCD Image

CCD Image: run 490, image 260
[class MECCDImage]

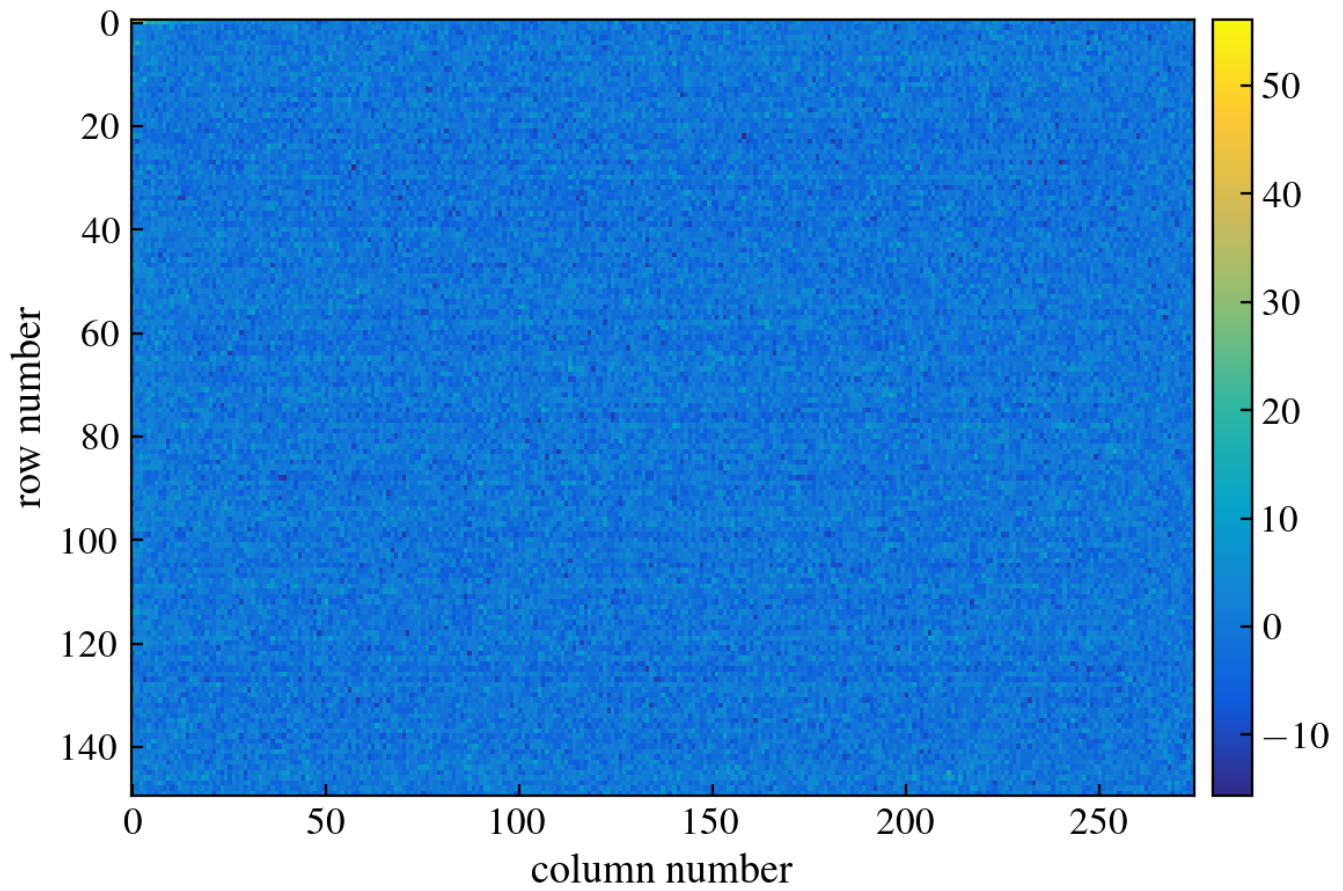


Figure 212: CCD Image

CCD Image: run 490, image 261
[class MECCDImage]

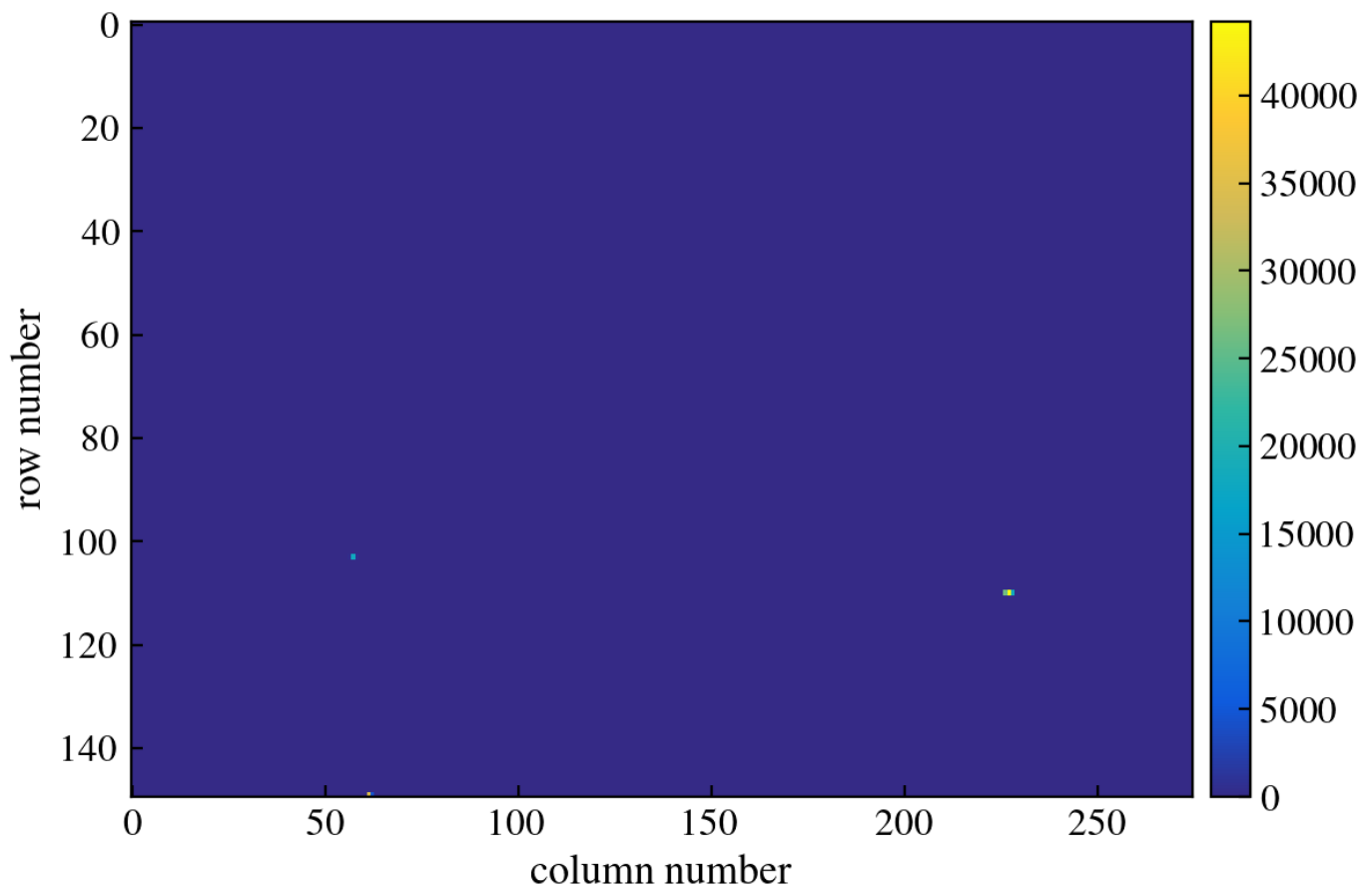


Figure 213: CCD Image

CCD Image: run 490, image 262
[class MECCDImage]

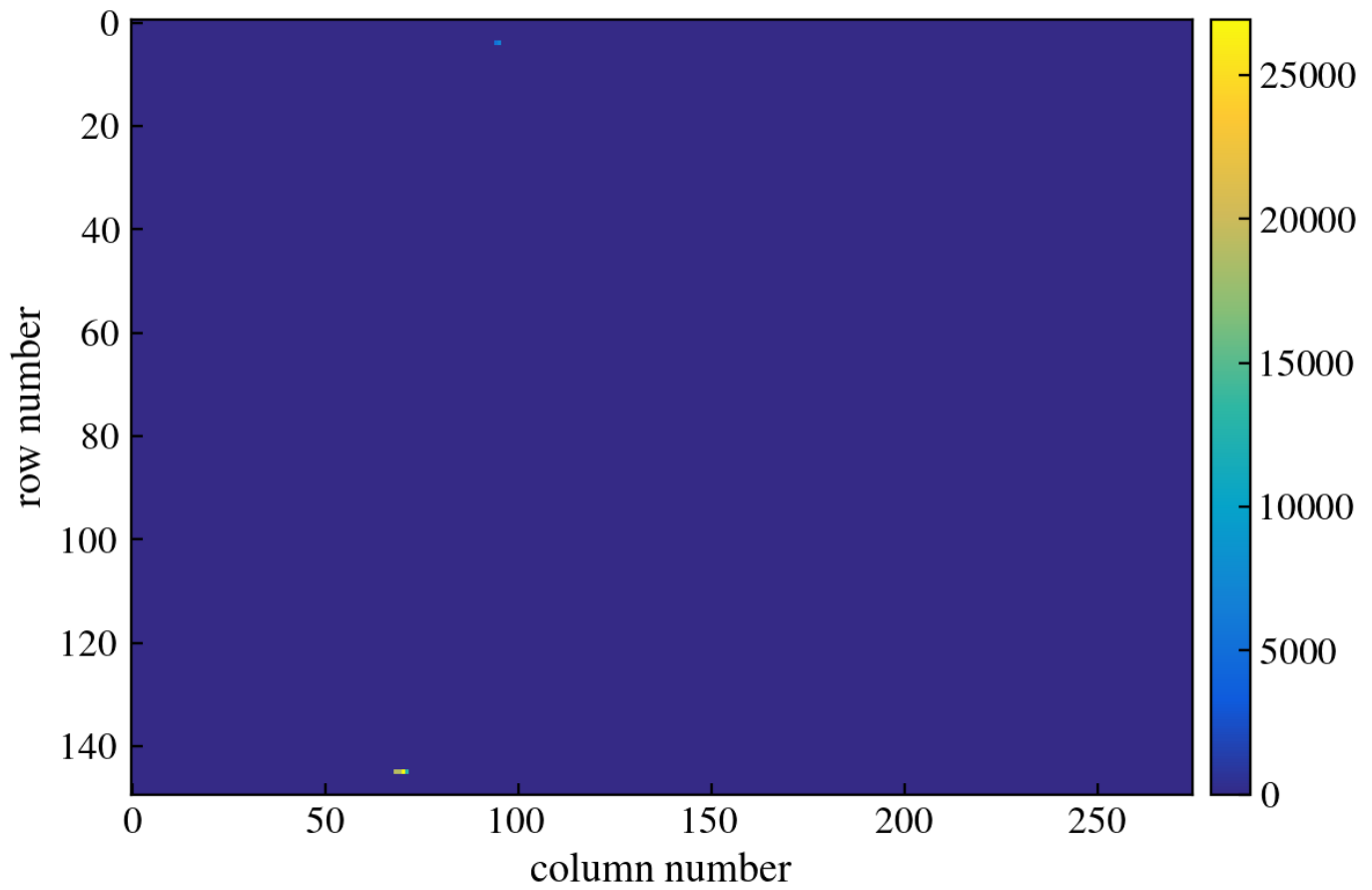


Figure 214: CCD Image

CCD Image: run 490, image 263
[class MECCDImage]

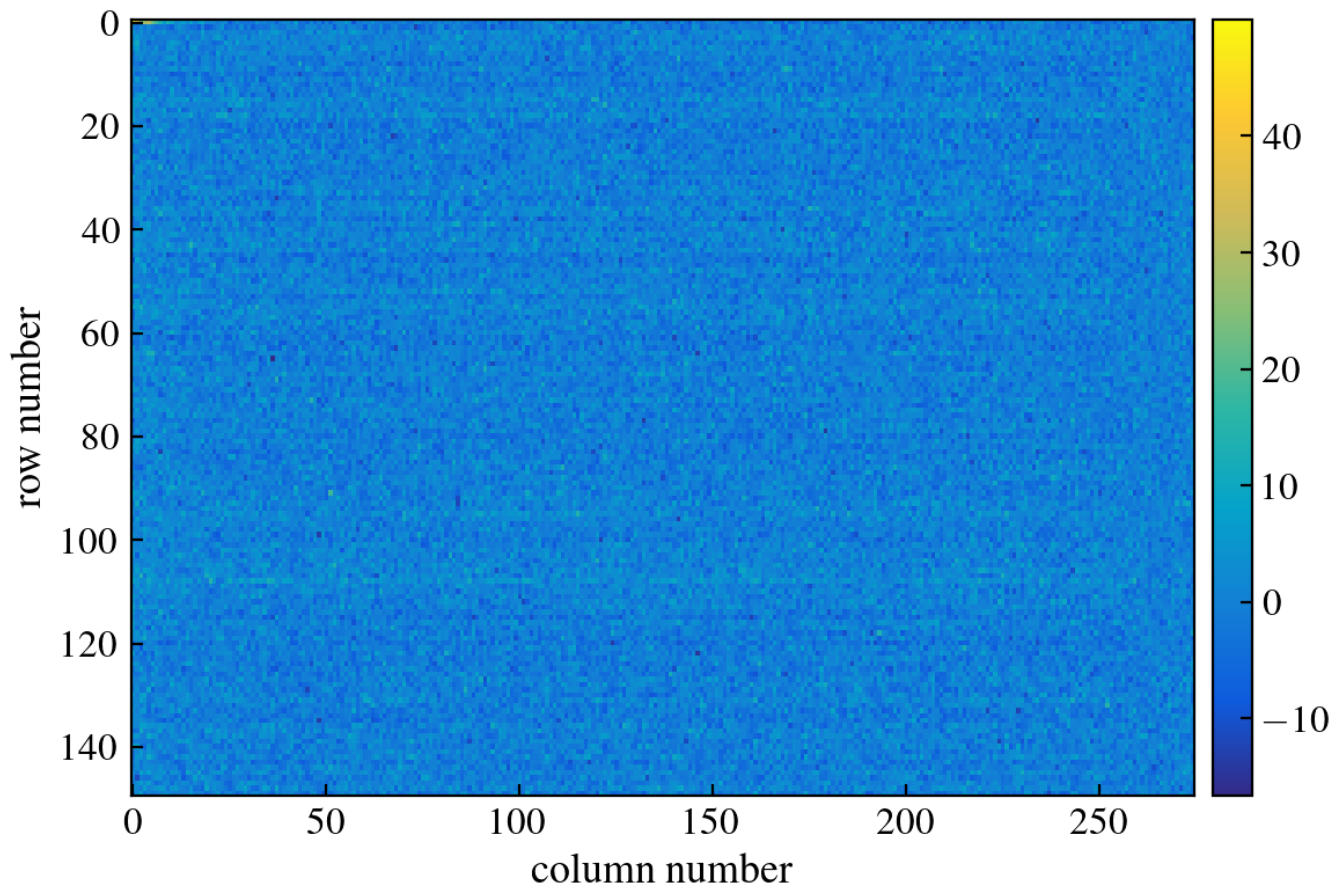


Figure 215: CCD Image

CCD Image: run 490, image 264
[class MECCDImage]

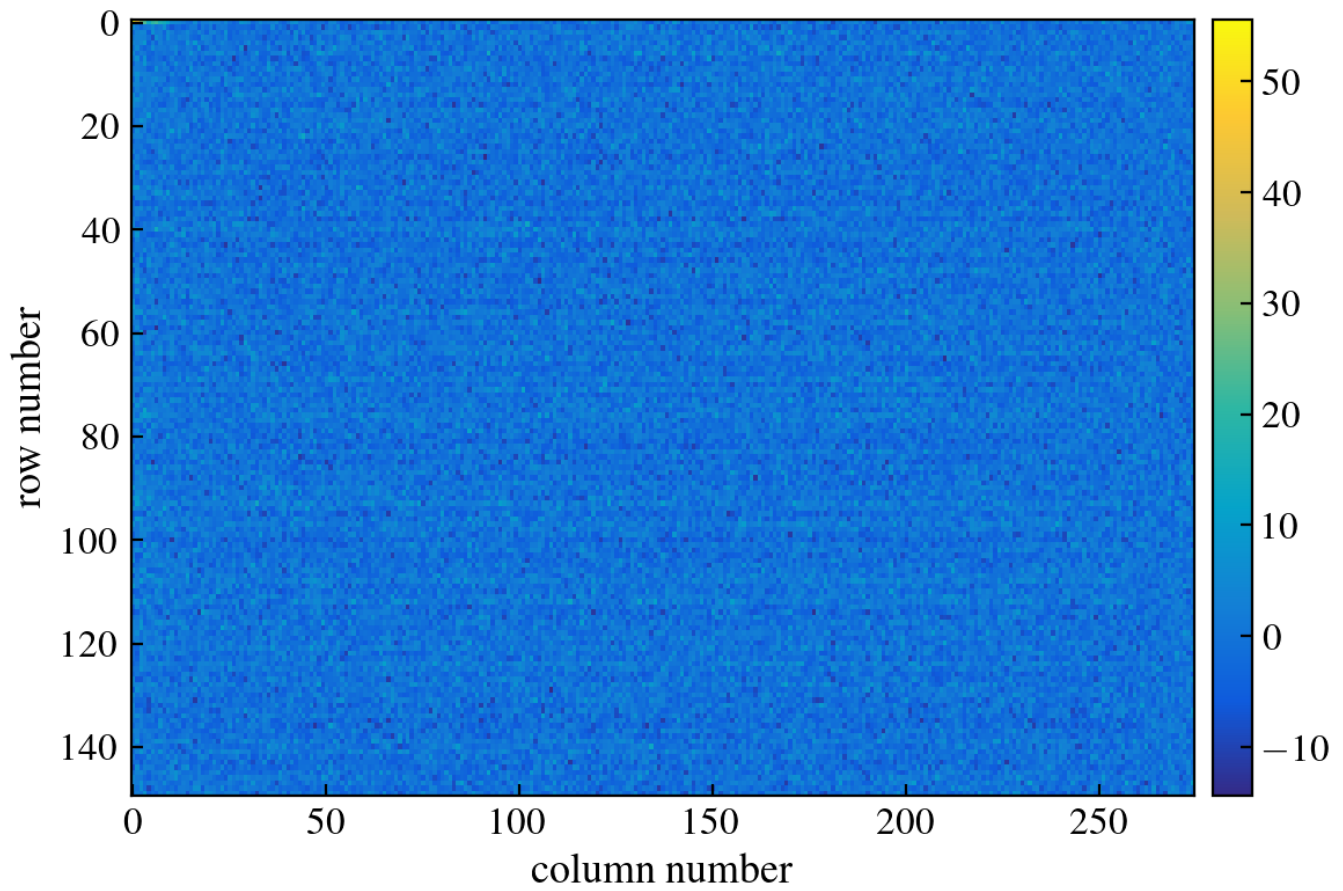


Figure 216: CCD Image

CCD Image: run 490, image 265
[class MECCDImage]

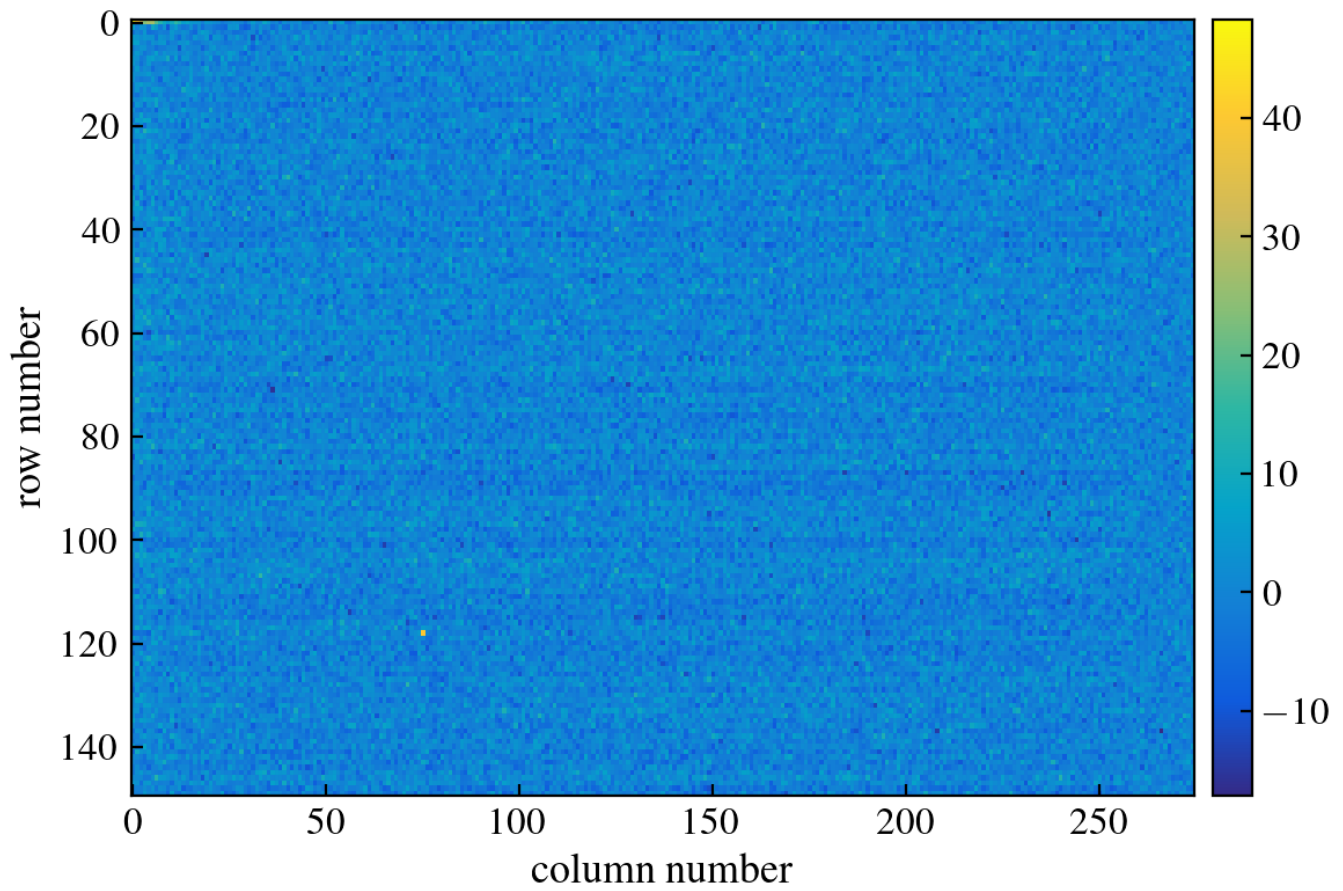


Figure 217: CCD Image

CCD Image: run 490, image 266
[class MECCDImage]

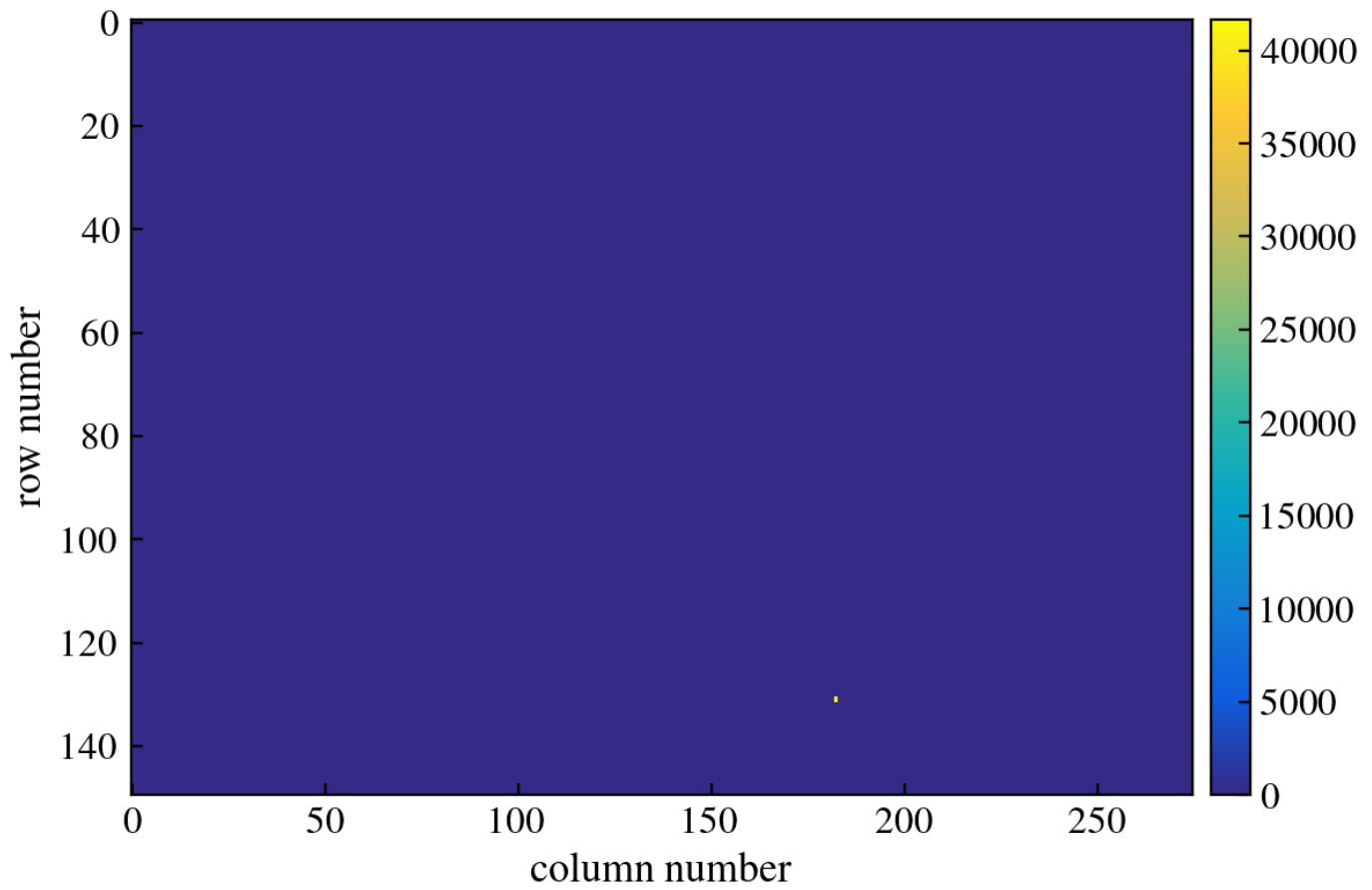


Figure 218: CCD Image

CCD Image: run 490, image 267
[class MECCDImage]

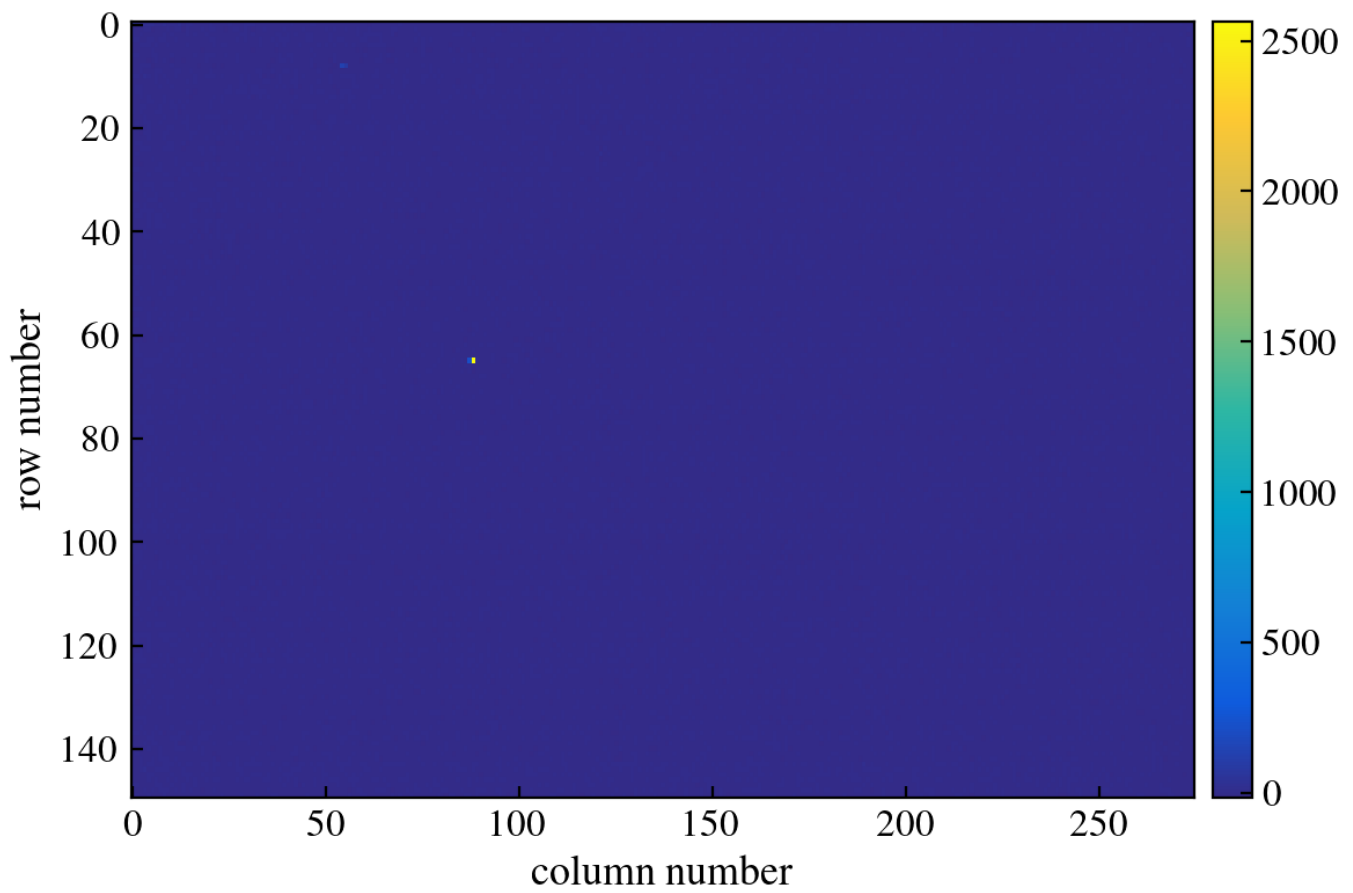


Figure 219: CCD Image

CCD Image: run 490, image 268
[class MECCDImage]

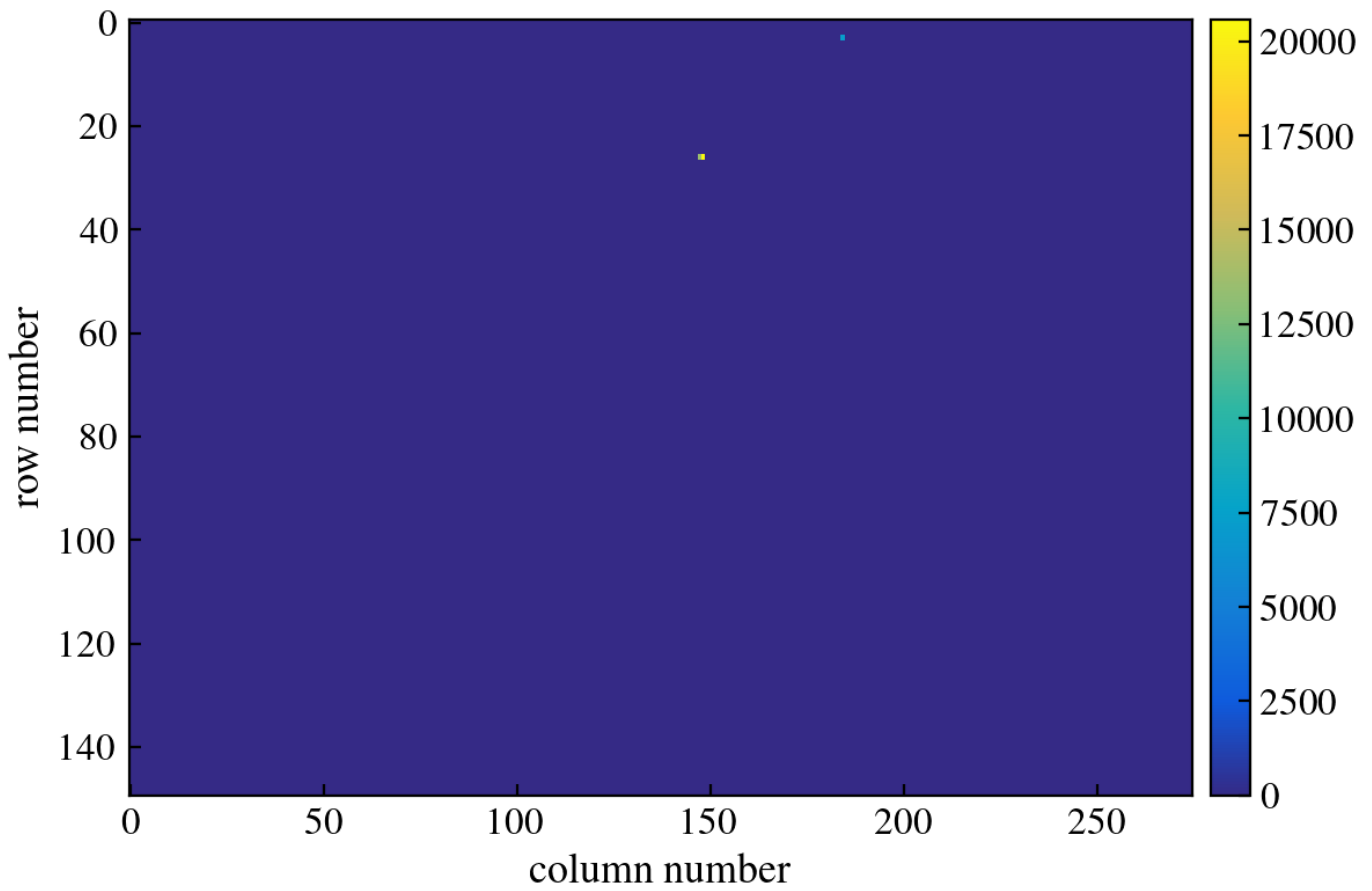


Figure 220: CCD Image

CCD Image: run 490, image 269
[class MECCDImage]

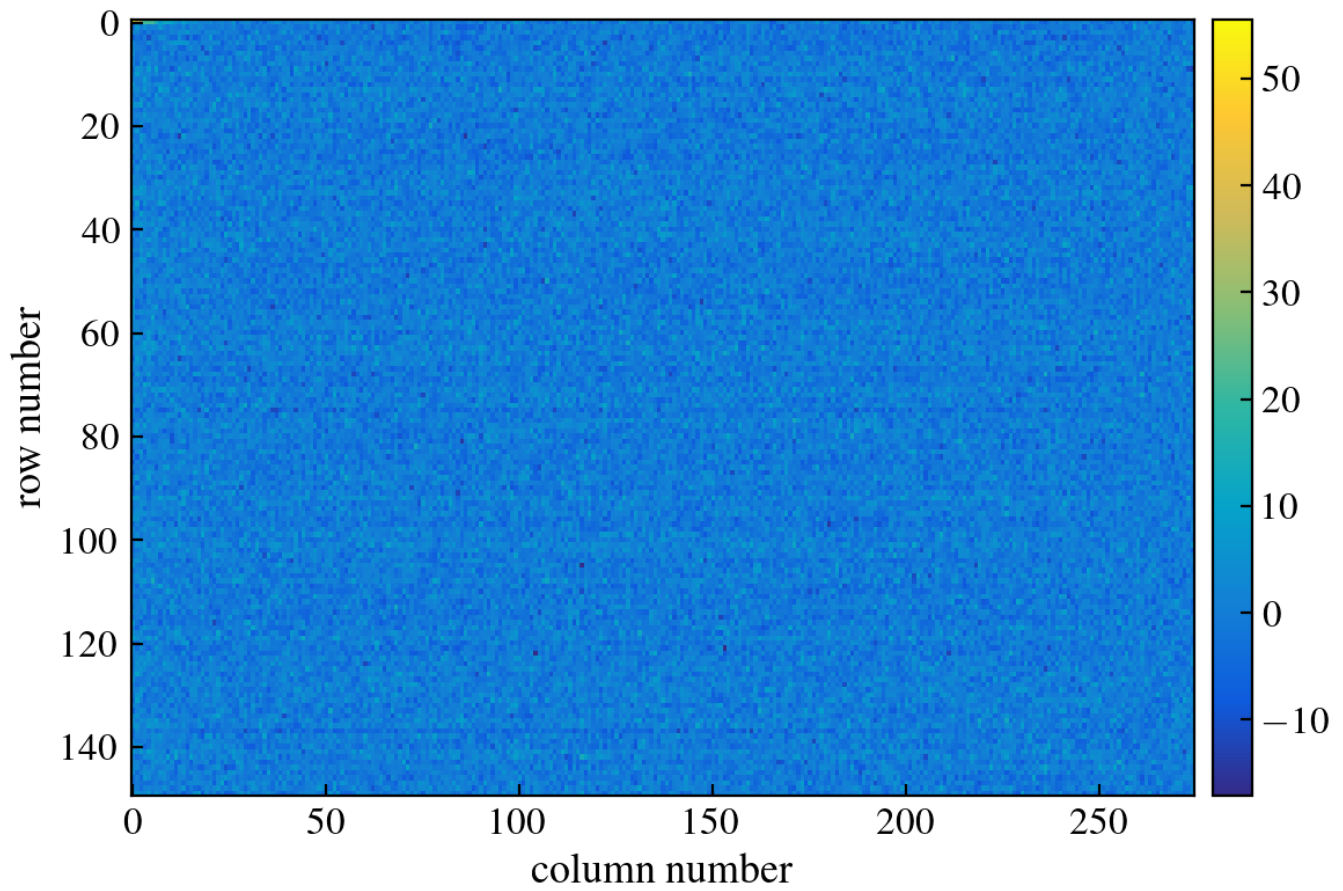


Figure 221: CCD Image

CCD Image: run 490, image 27
[class MECCDImage]

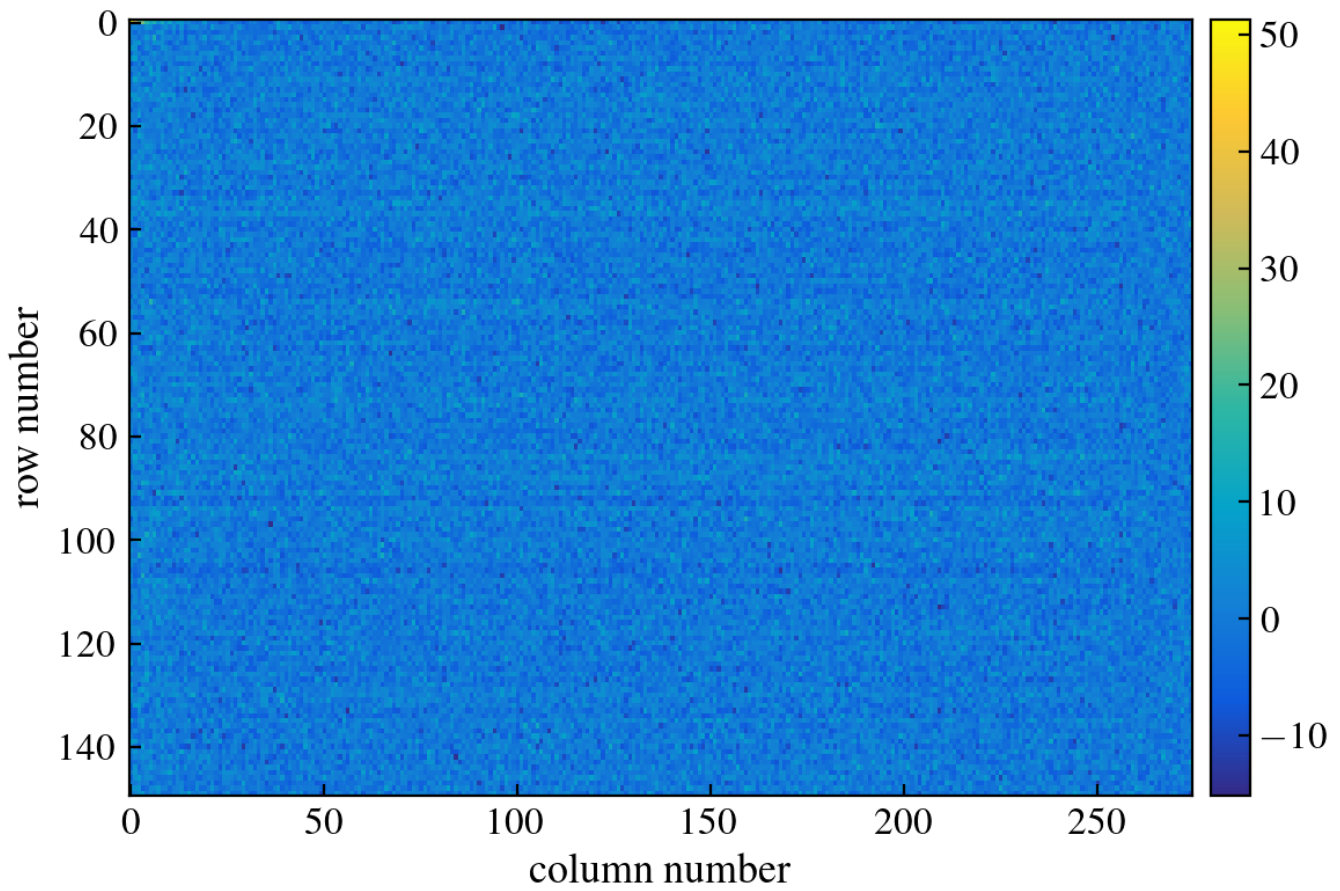


Figure 222: CCD Image

CCD Image: run 490, image 270
[class MECCDImage]

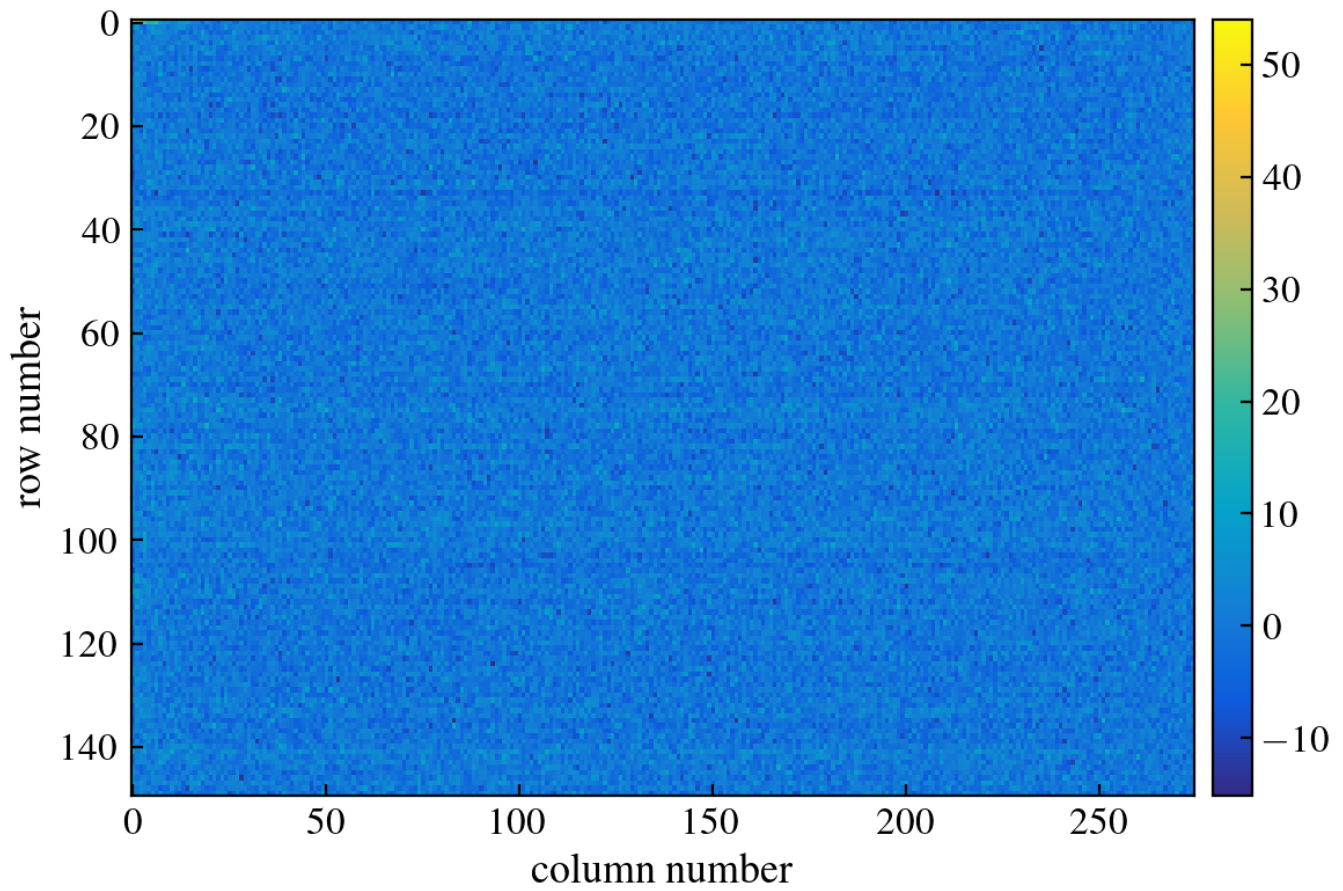


Figure 223: CCD Image

CCD Image: run 490, image 271
[class MECCDImage]

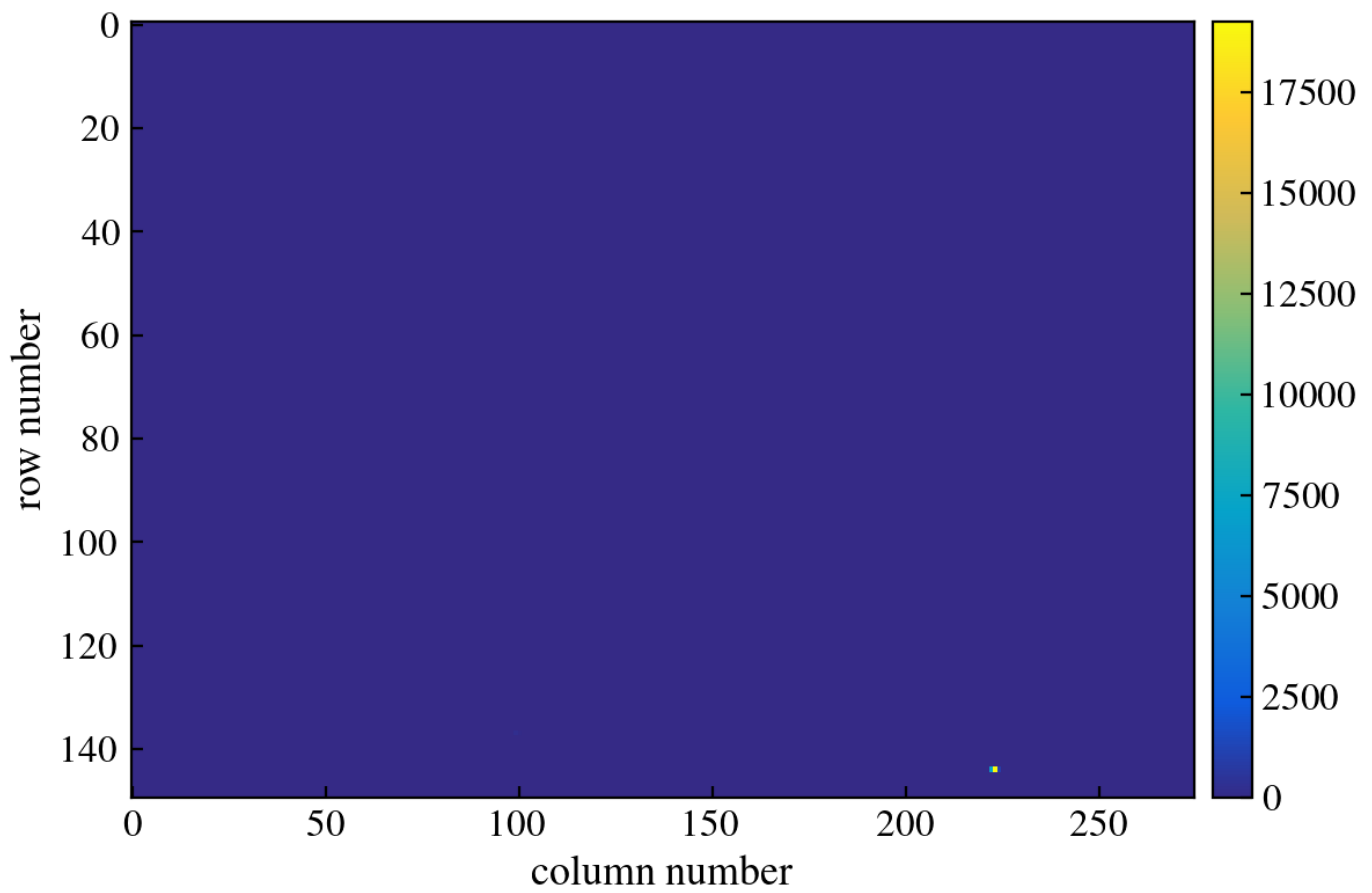


Figure 224: CCD Image

CCD Image: run 490, image 272
[class MECCDImage]

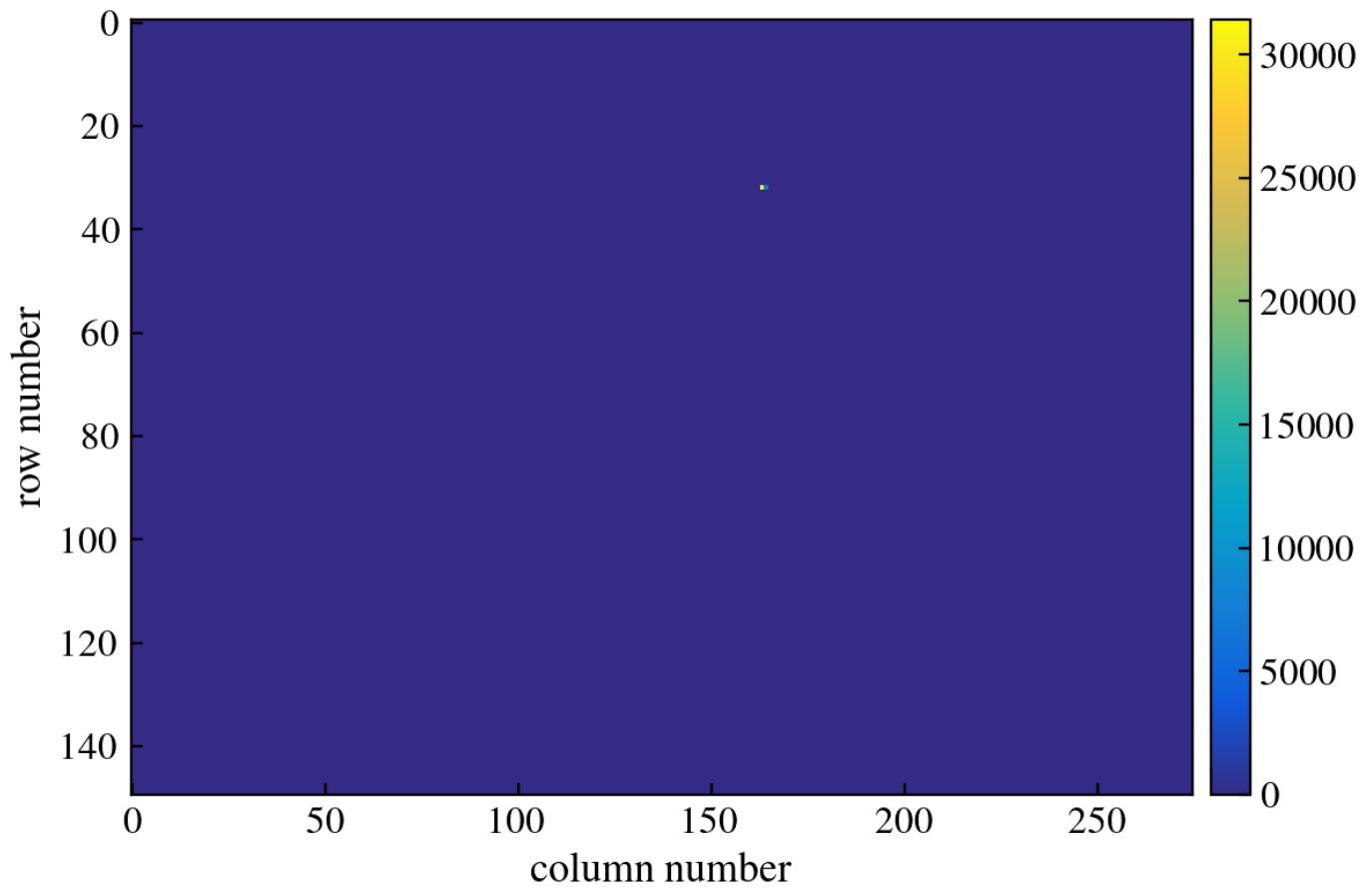


Figure 225: CCD Image

CCD Image: run 490, image 273
[class MECCDImage]

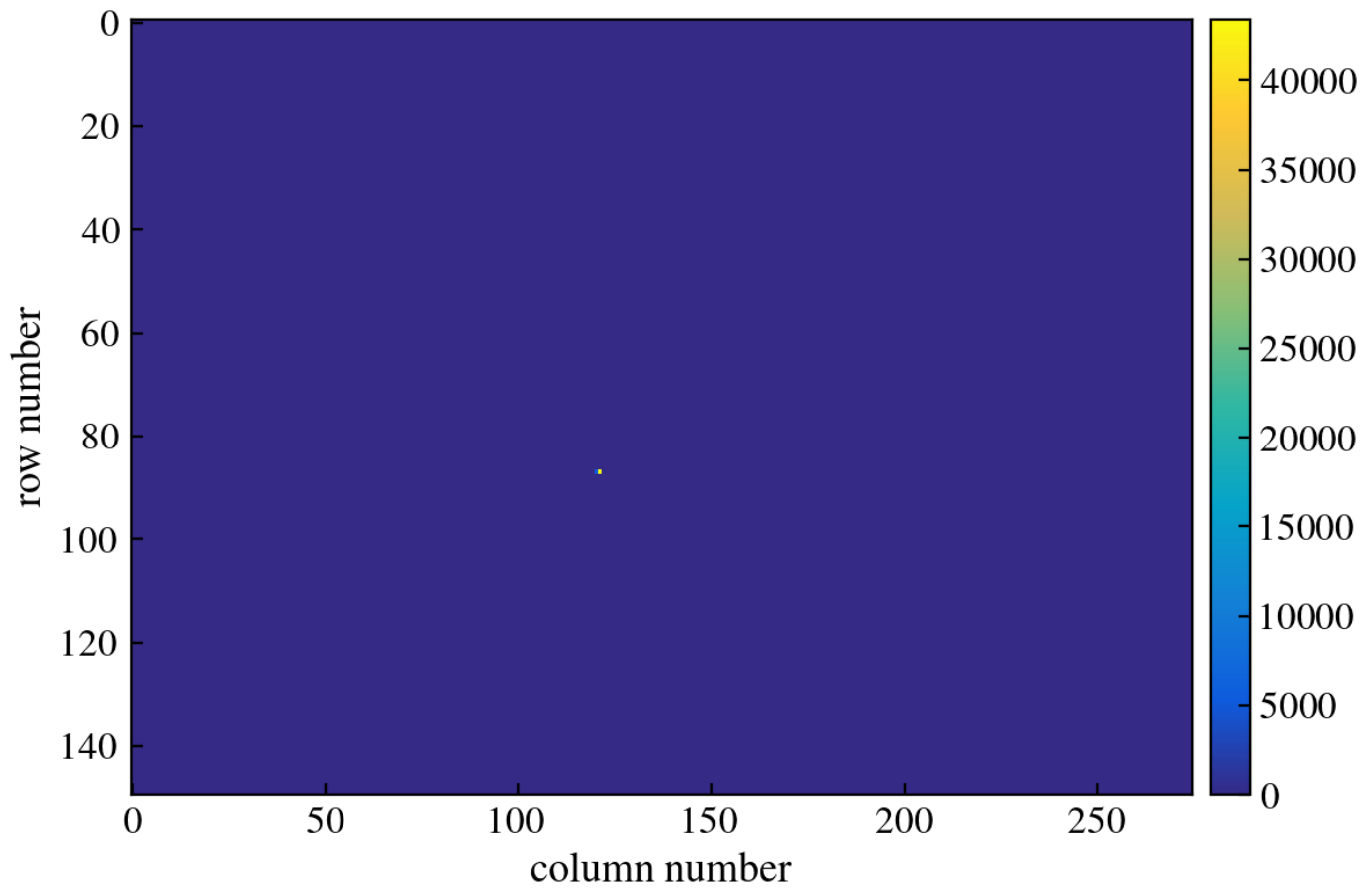


Figure 226: CCD Image

CCD Image: run 490, image 274
[class MECCDImage]

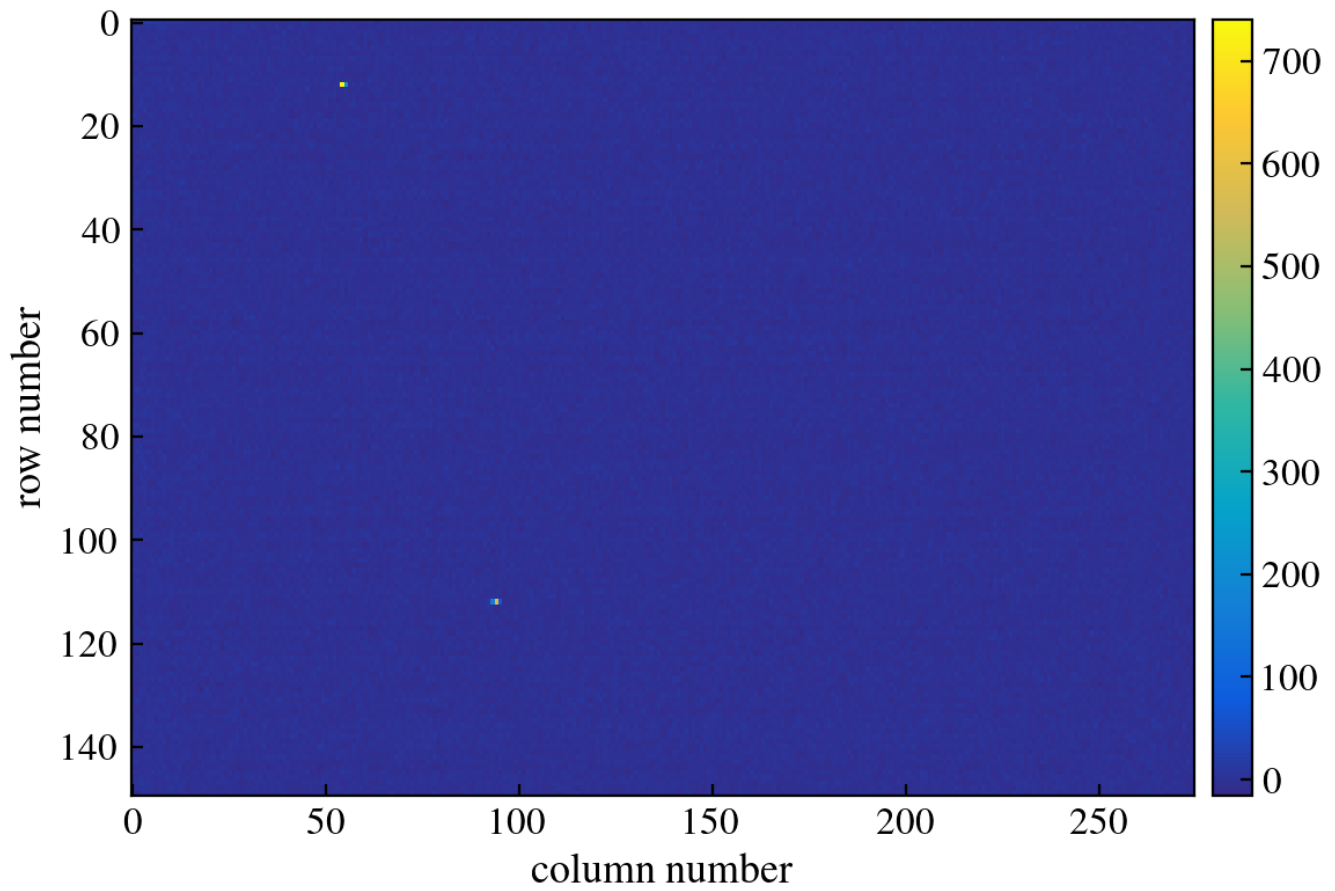


Figure 227: CCD Image

CCD Image: run 490, image 275
[class MECCDImage]

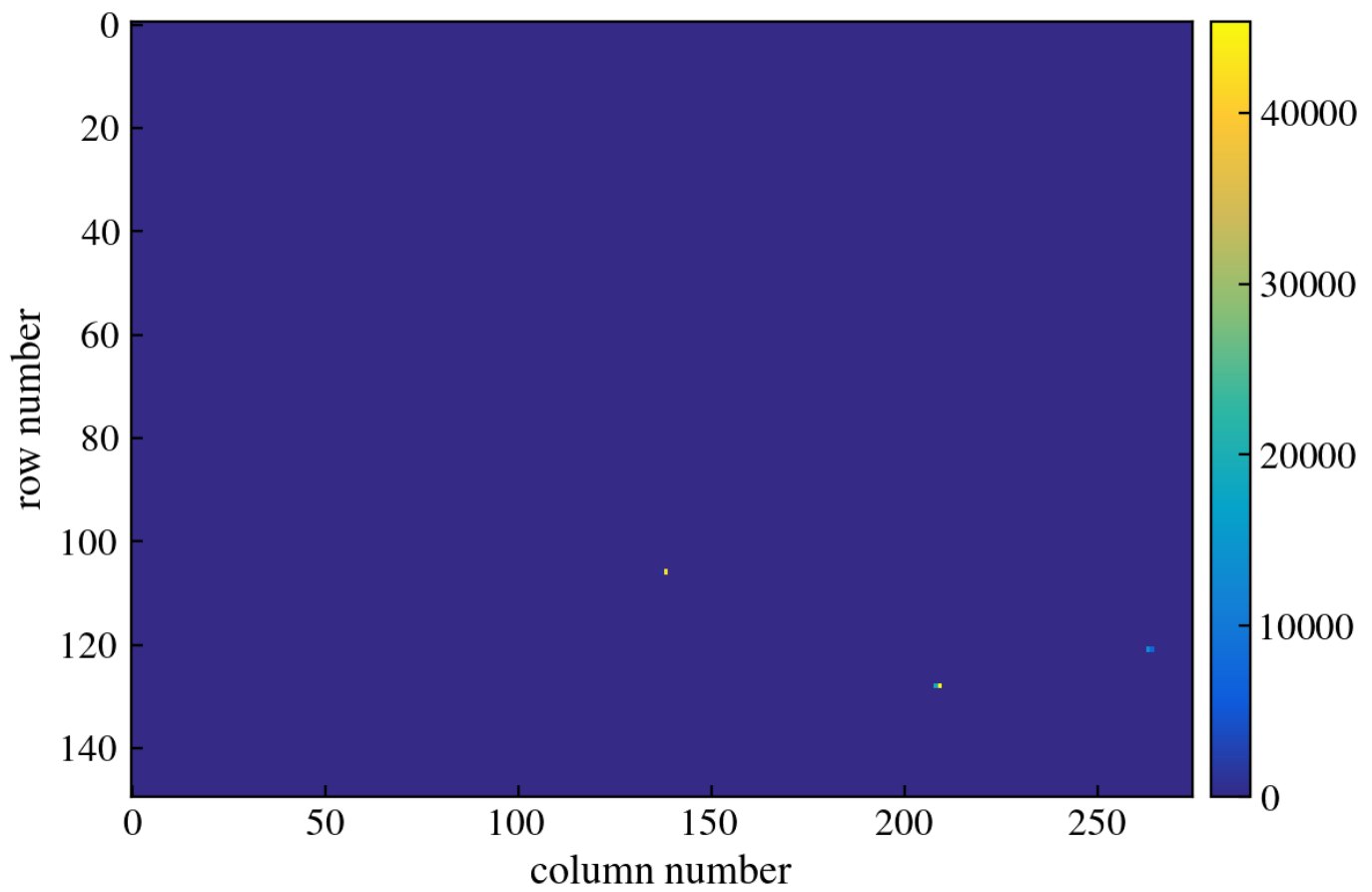


Figure 228: CCD Image

CCD Image: run 490, image 276
[class MECCDImage]

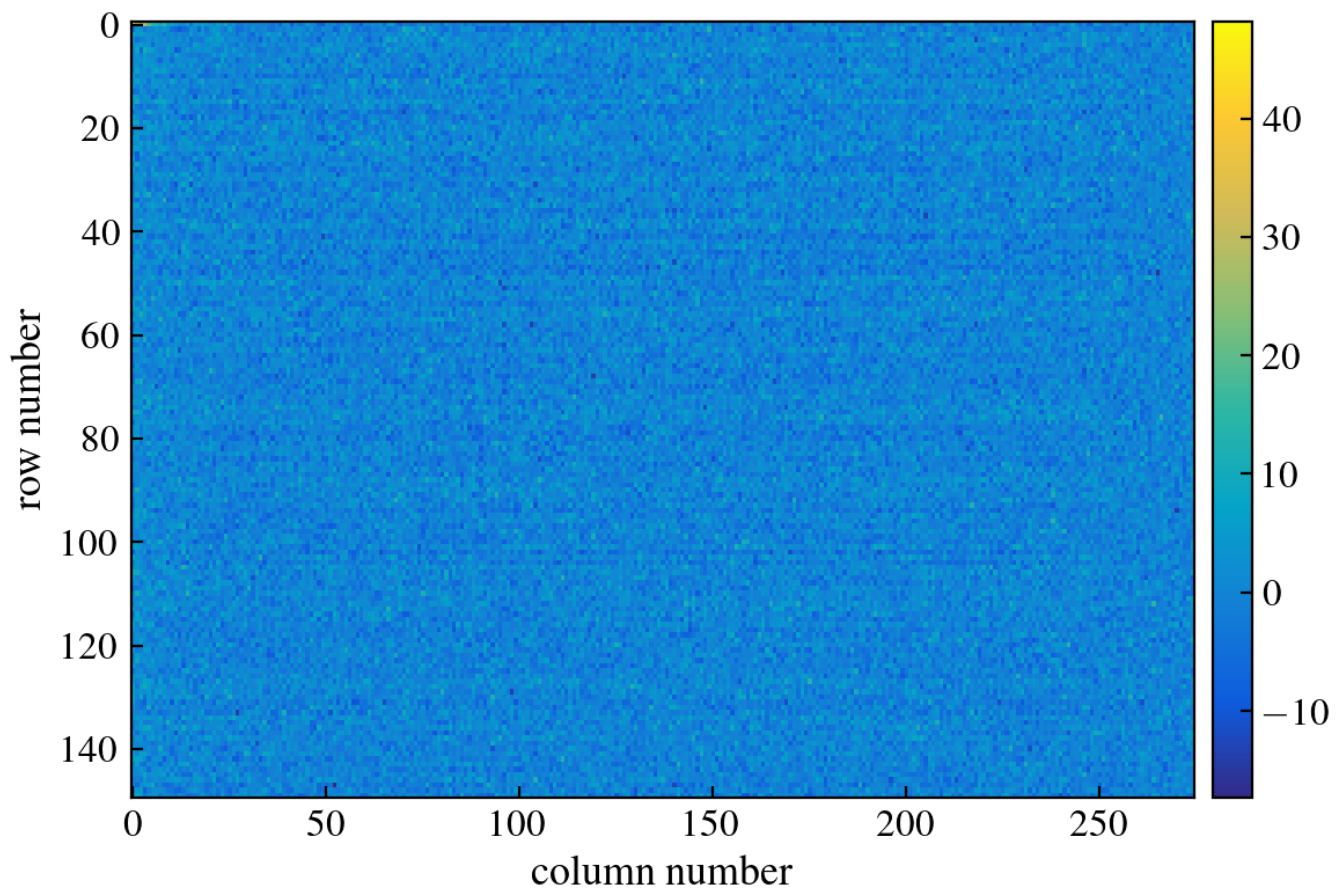


Figure 229: CCD Image

CCD Image: run 490, image 277
[class MECCDImage]

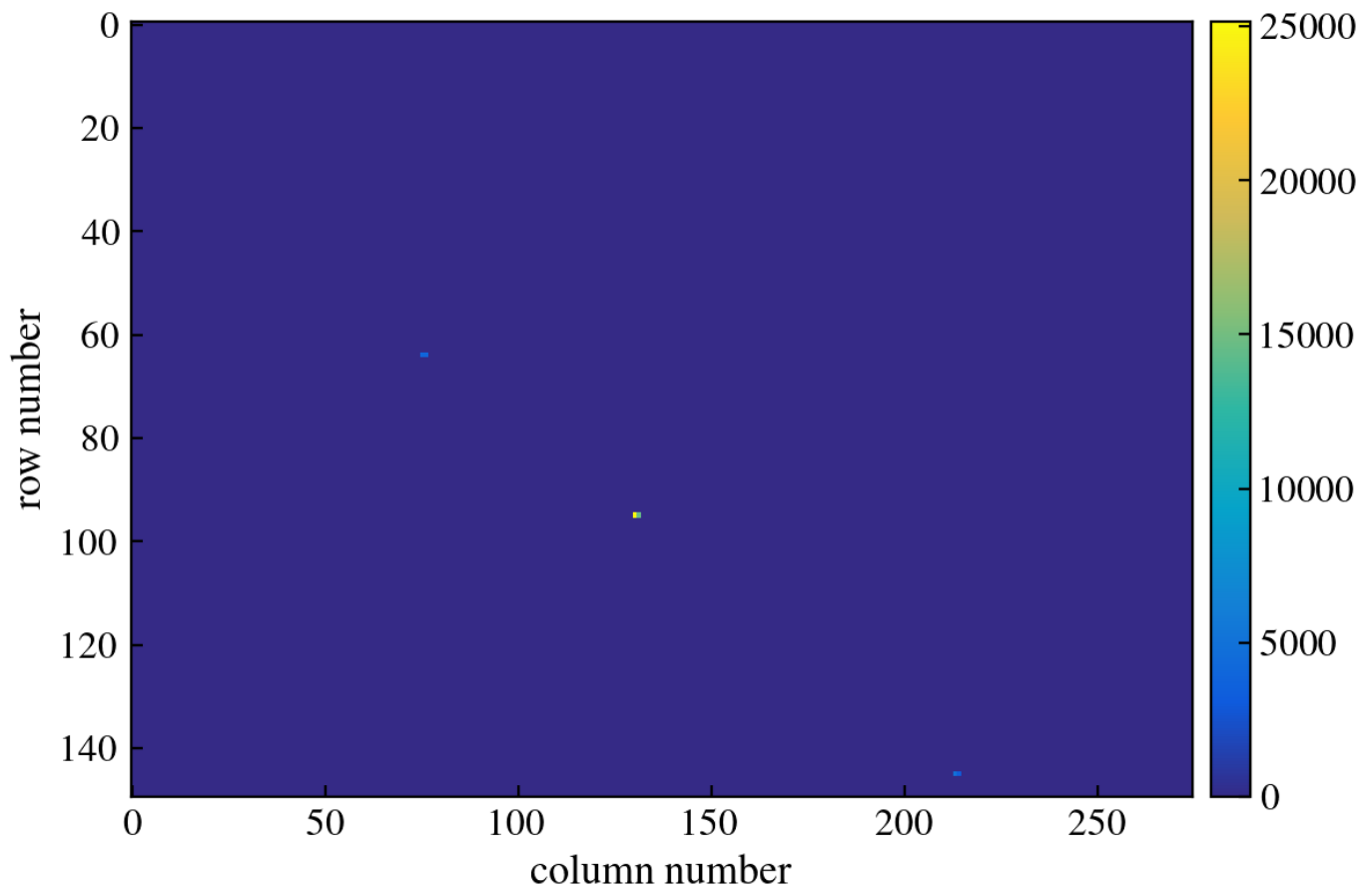


Figure 230: CCD Image

CCD Image: run 490, image 278
[class MECCDImage]

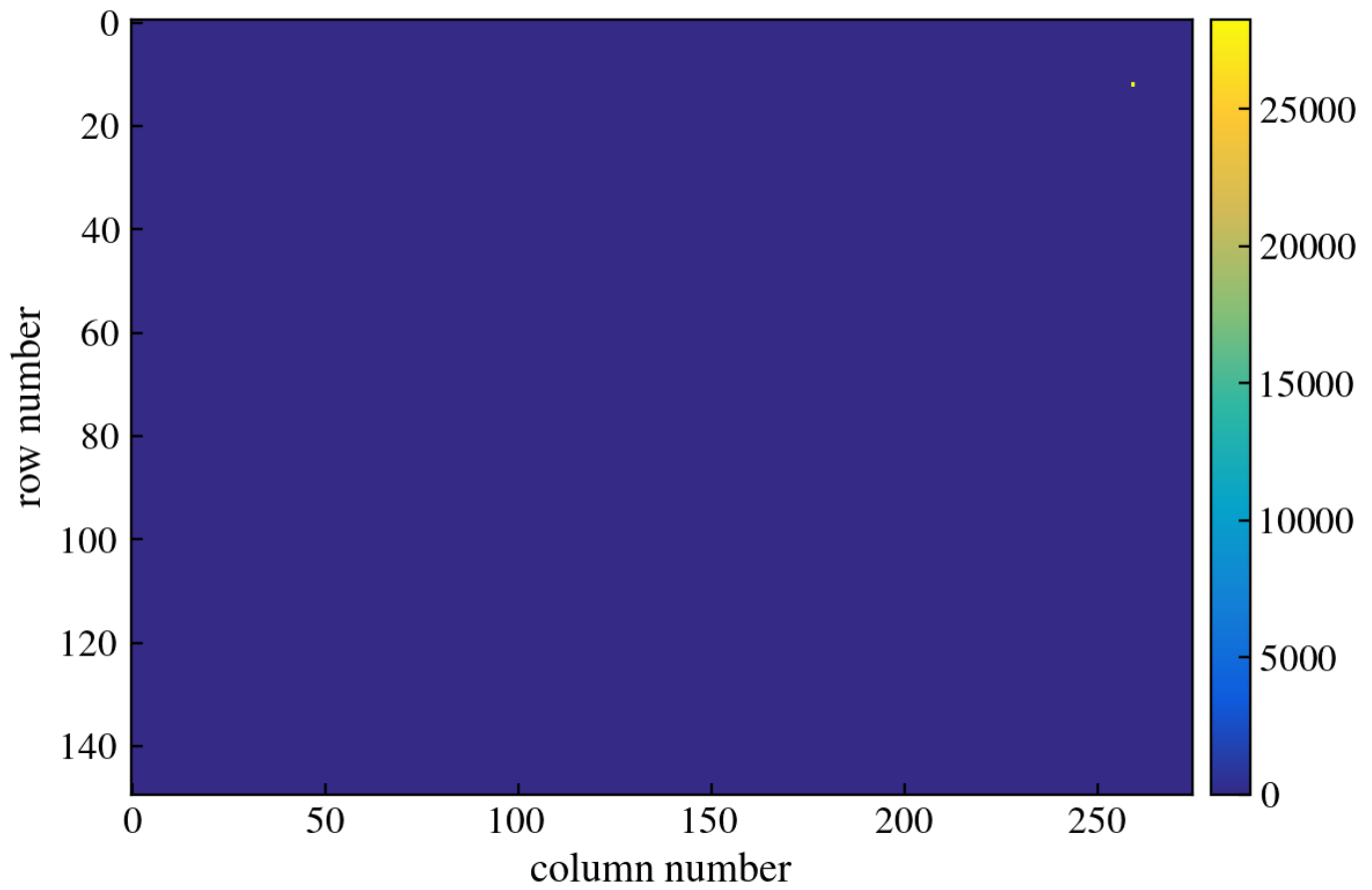


Figure 231: CCD Image

CCD Image: run 490, image 279
[class MECCDImage]

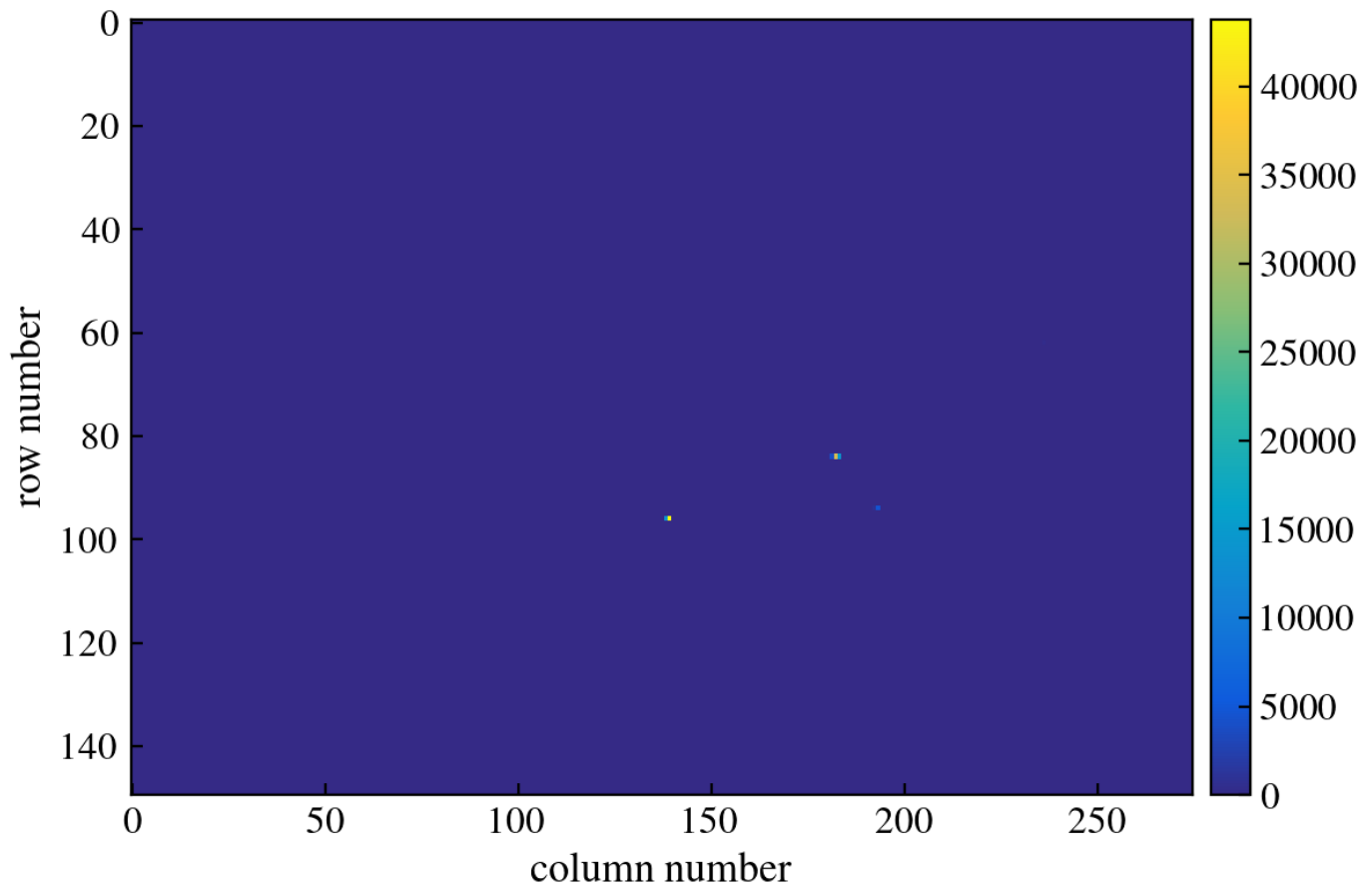


Figure 232: CCD Image

CCD Image: run 490, image 28
[class MECCDImage]

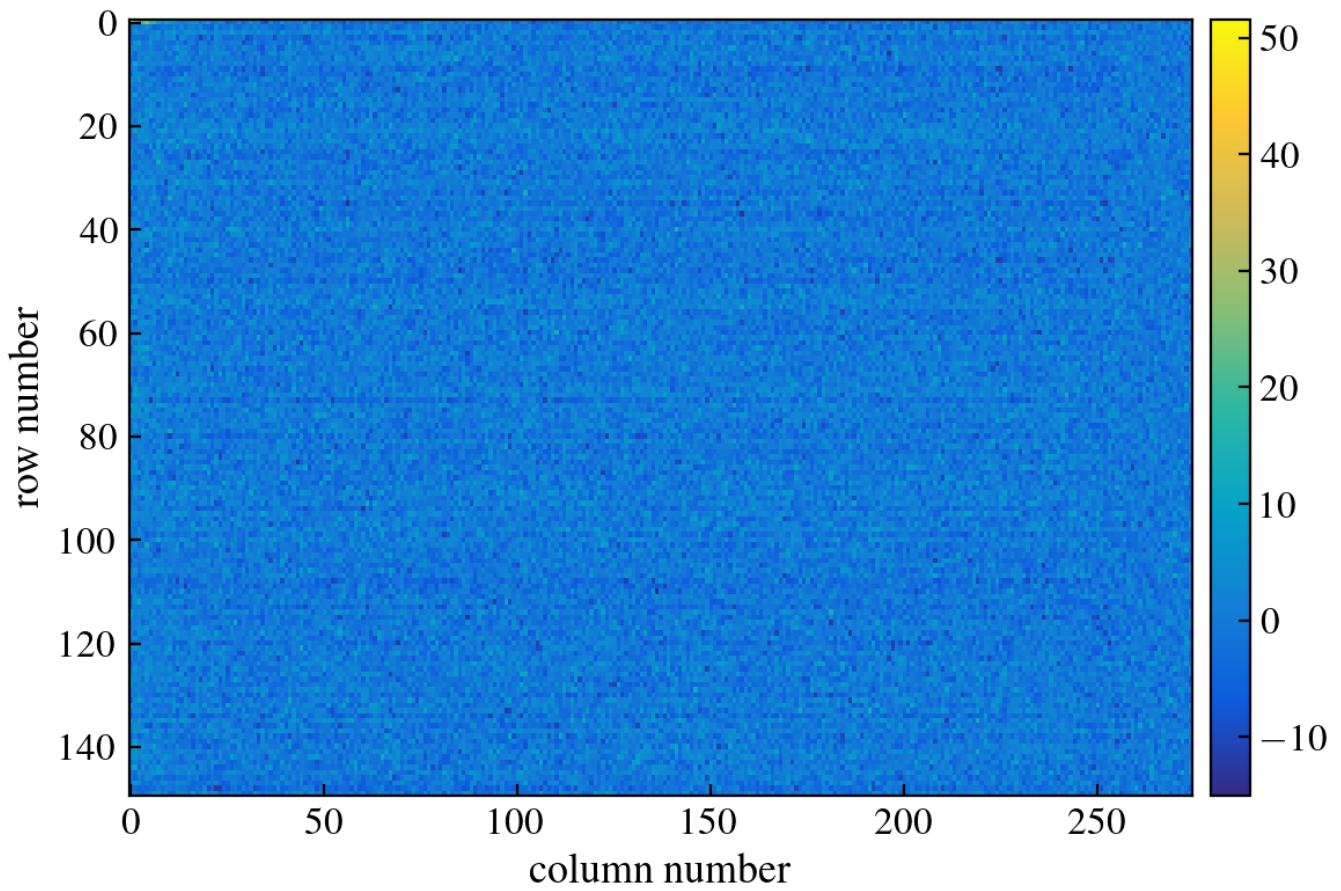


Figure 233: CCD Image

CCD Image: run 490, image 280
[class MECCDImage]

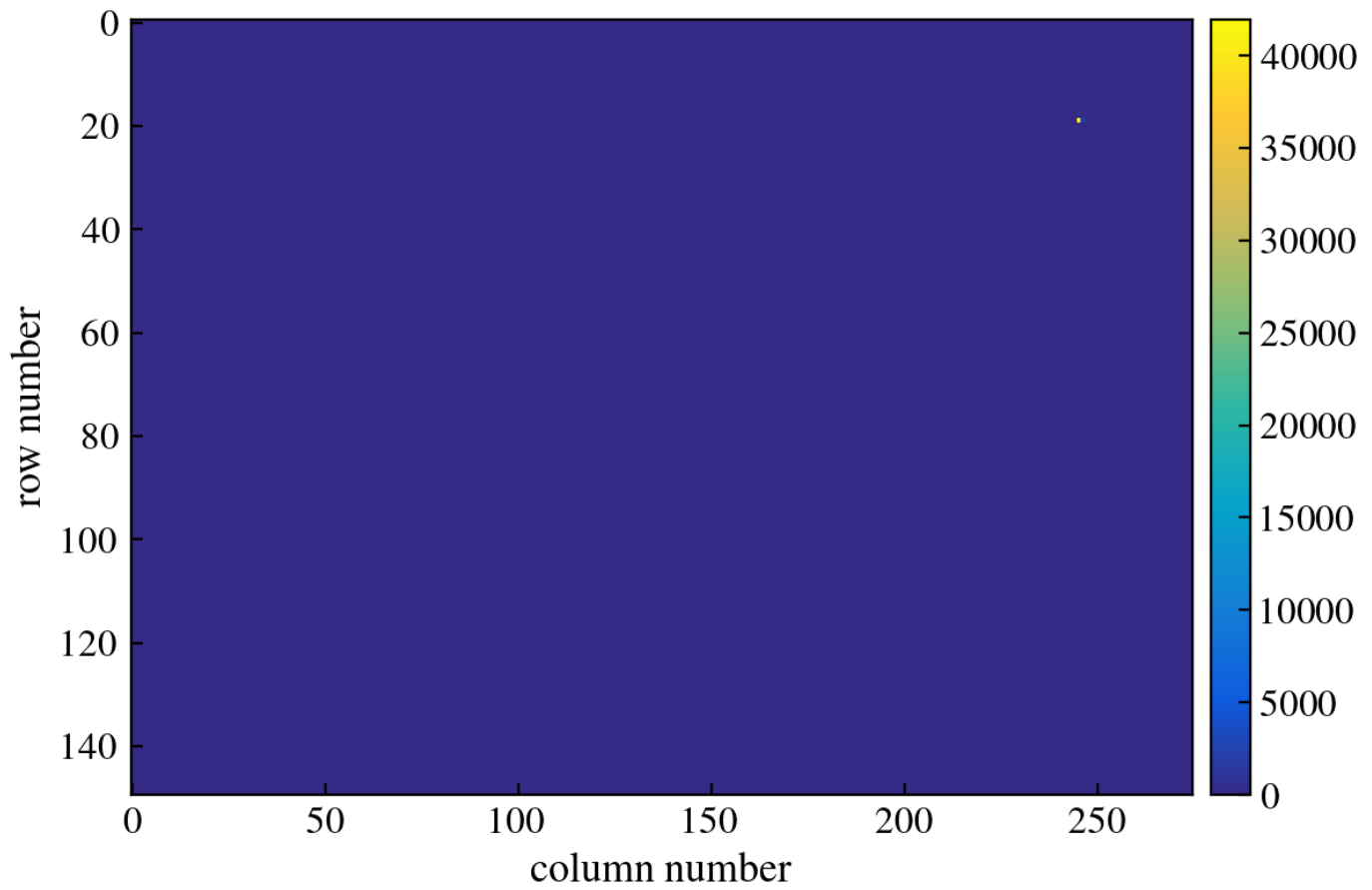


Figure 234: CCD Image

CCD Image: run 490, image 281
[class MECCDImage]

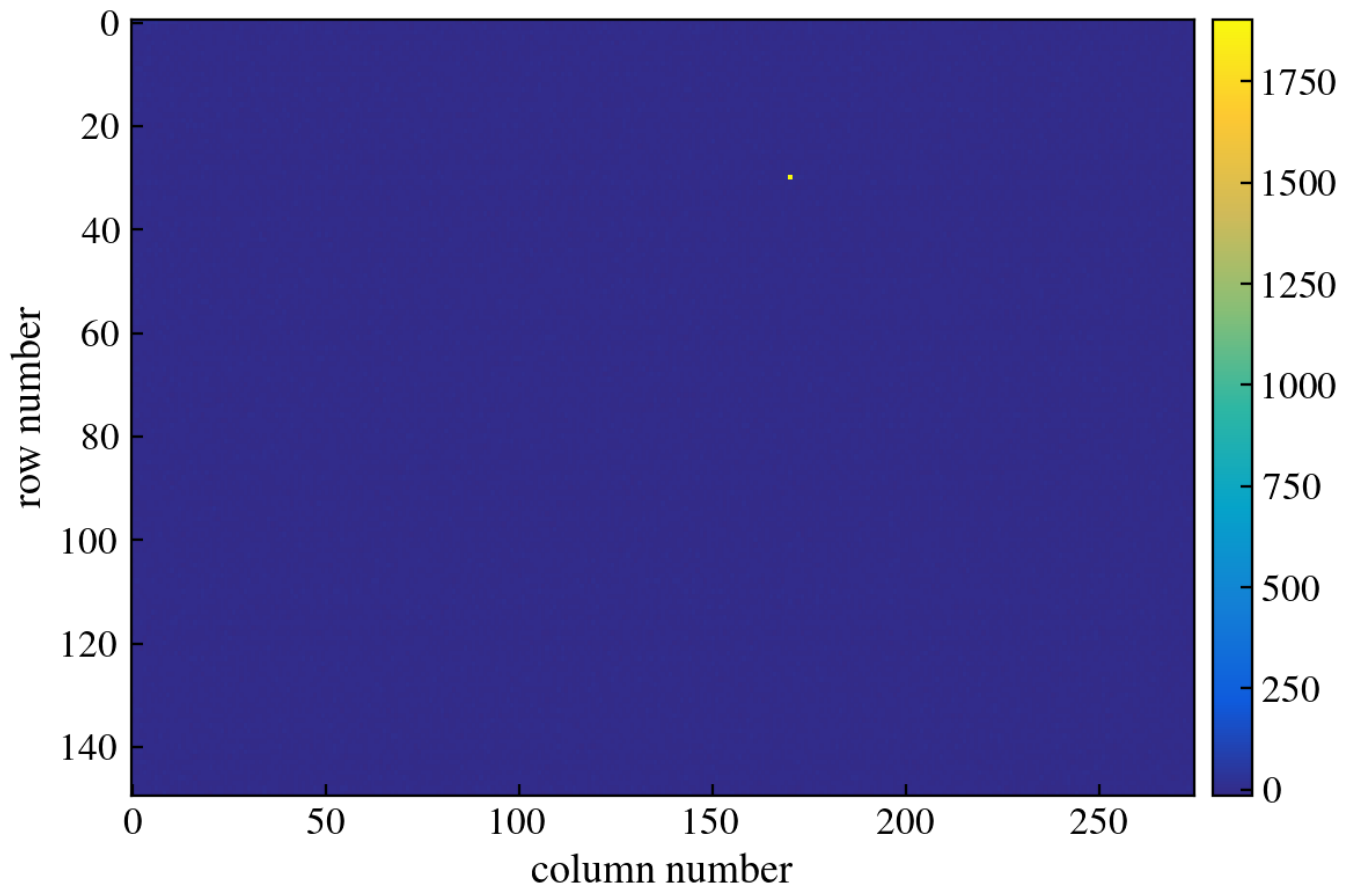


Figure 235: CCD Image

CCD Image: run 490, image 282
[class MECCDImage]

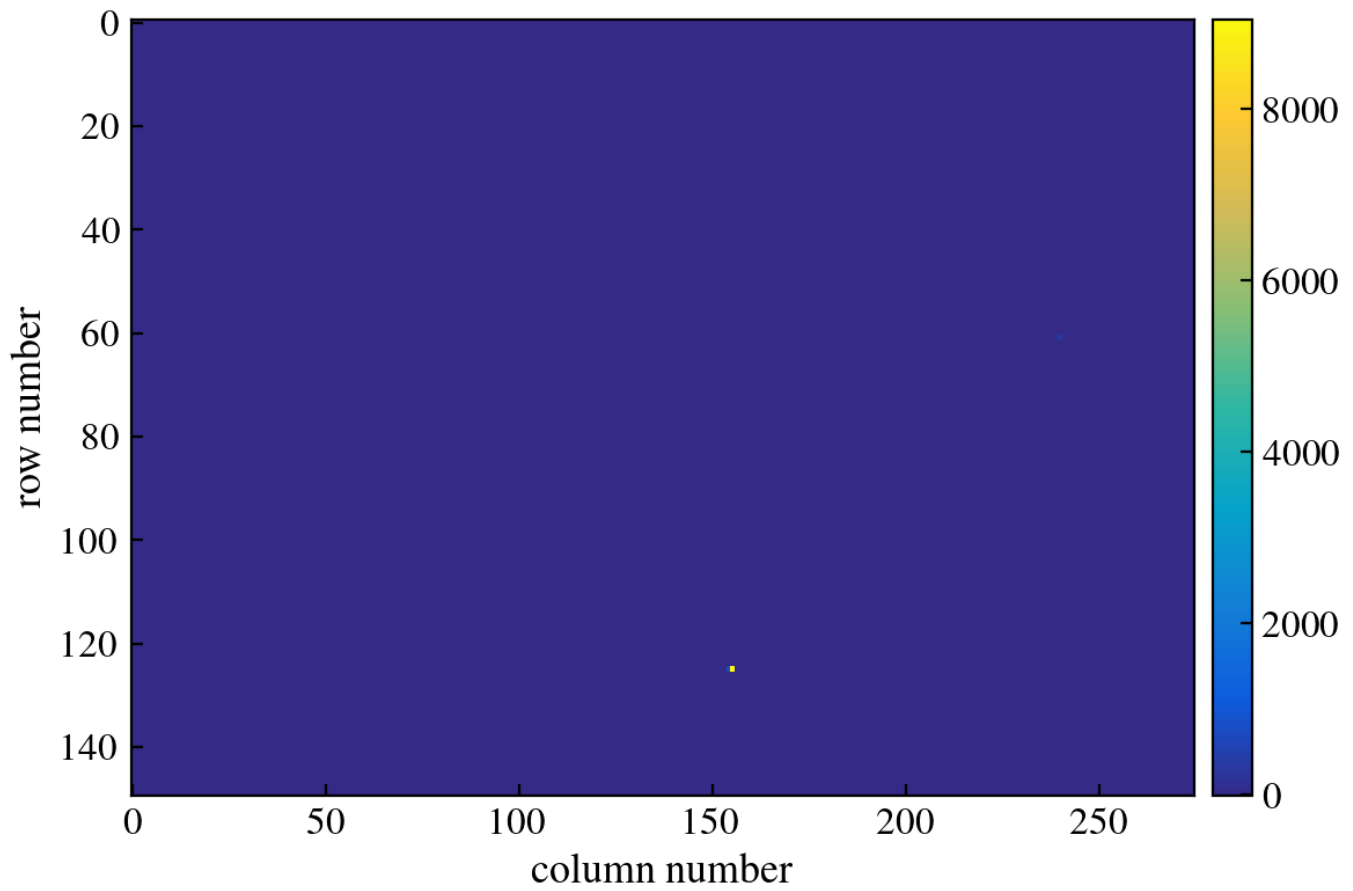


Figure 236: CCD Image

CCD Image: run 490, image 283
[class MECCDImage]

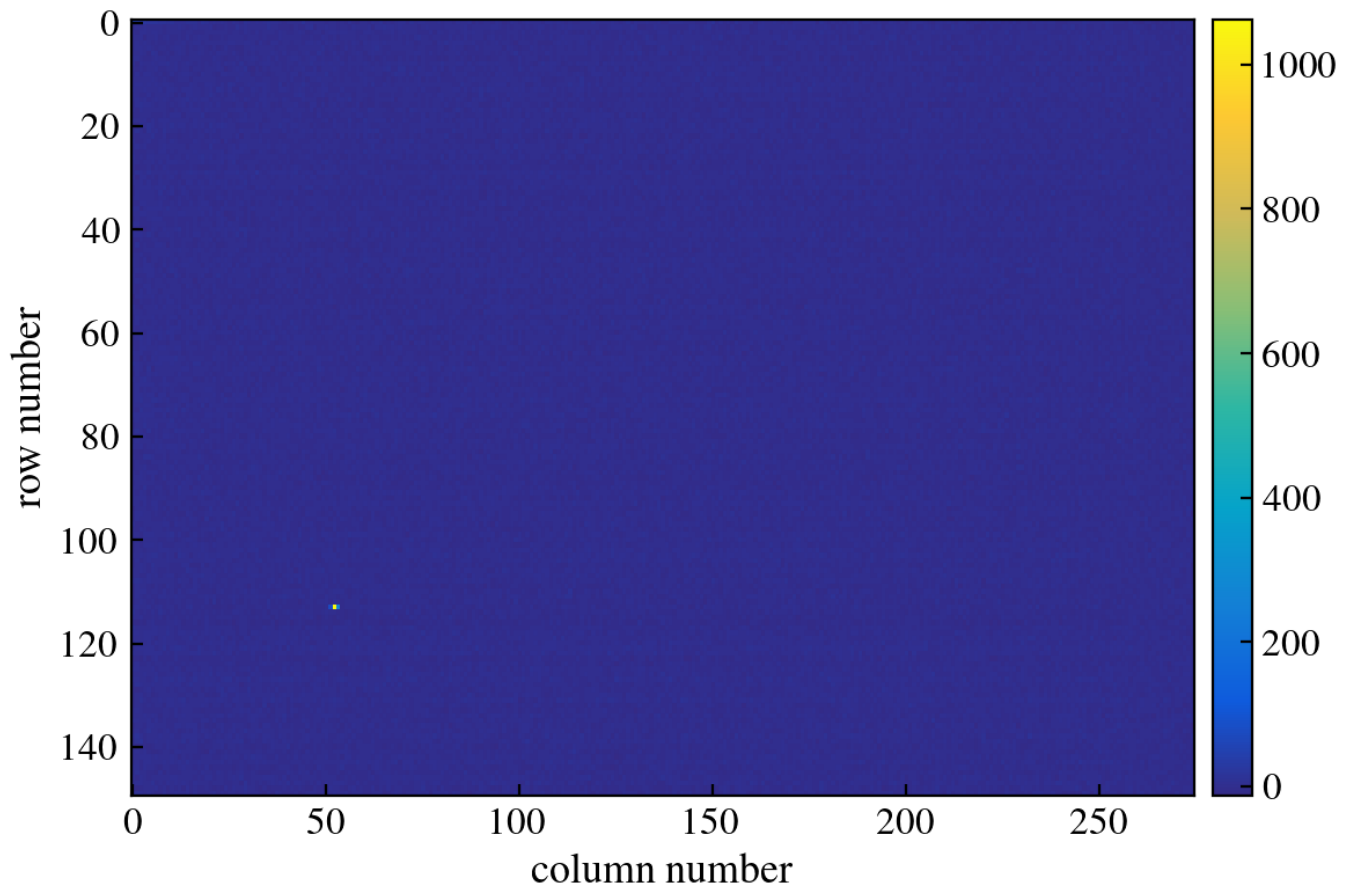


Figure 237: CCD Image

CCD Image: run 490, image 284
[class MECCDImage]

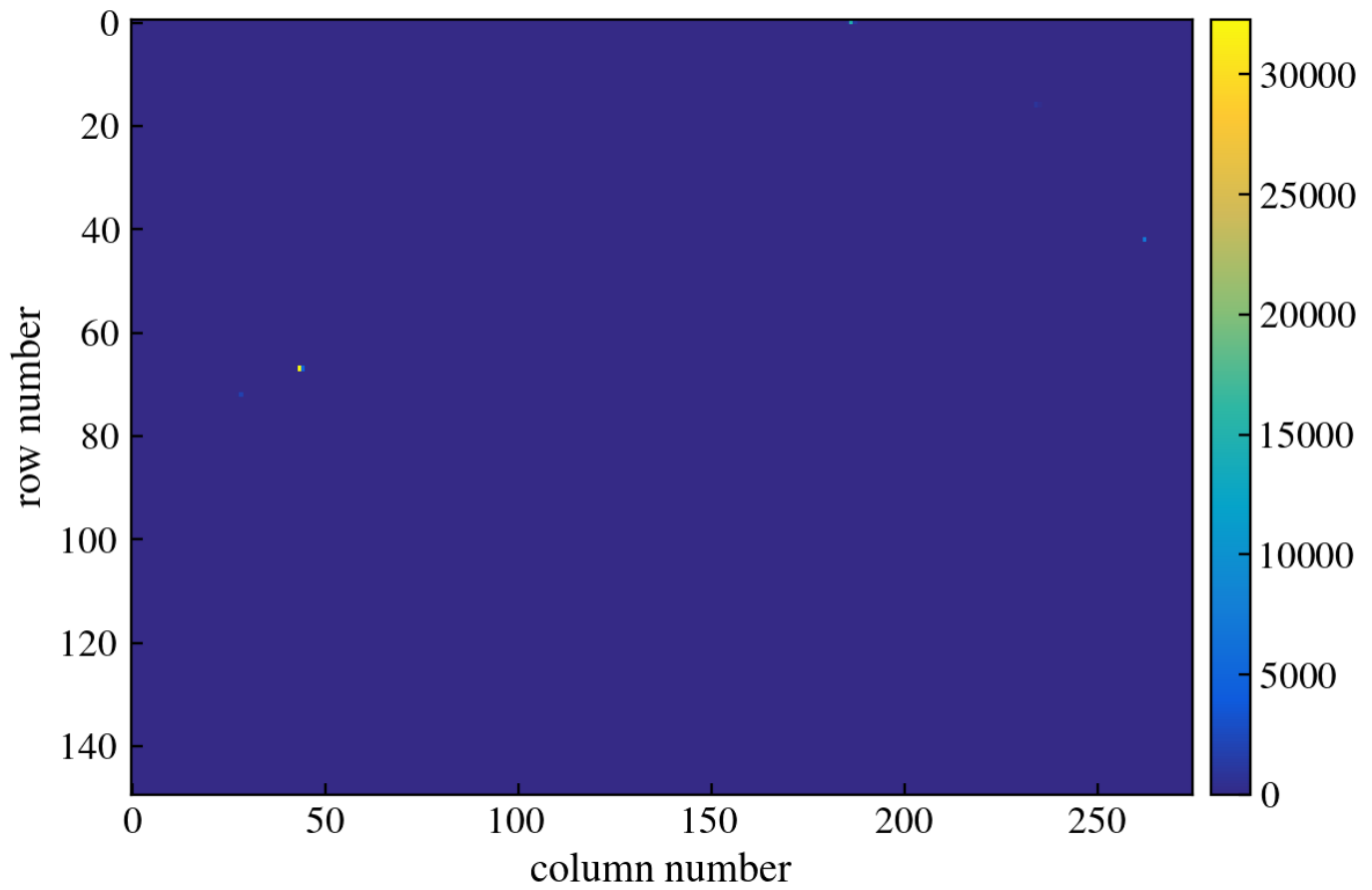


Figure 238: CCD Image

CCD Image: run 490, image 285
[class MECCDImage]

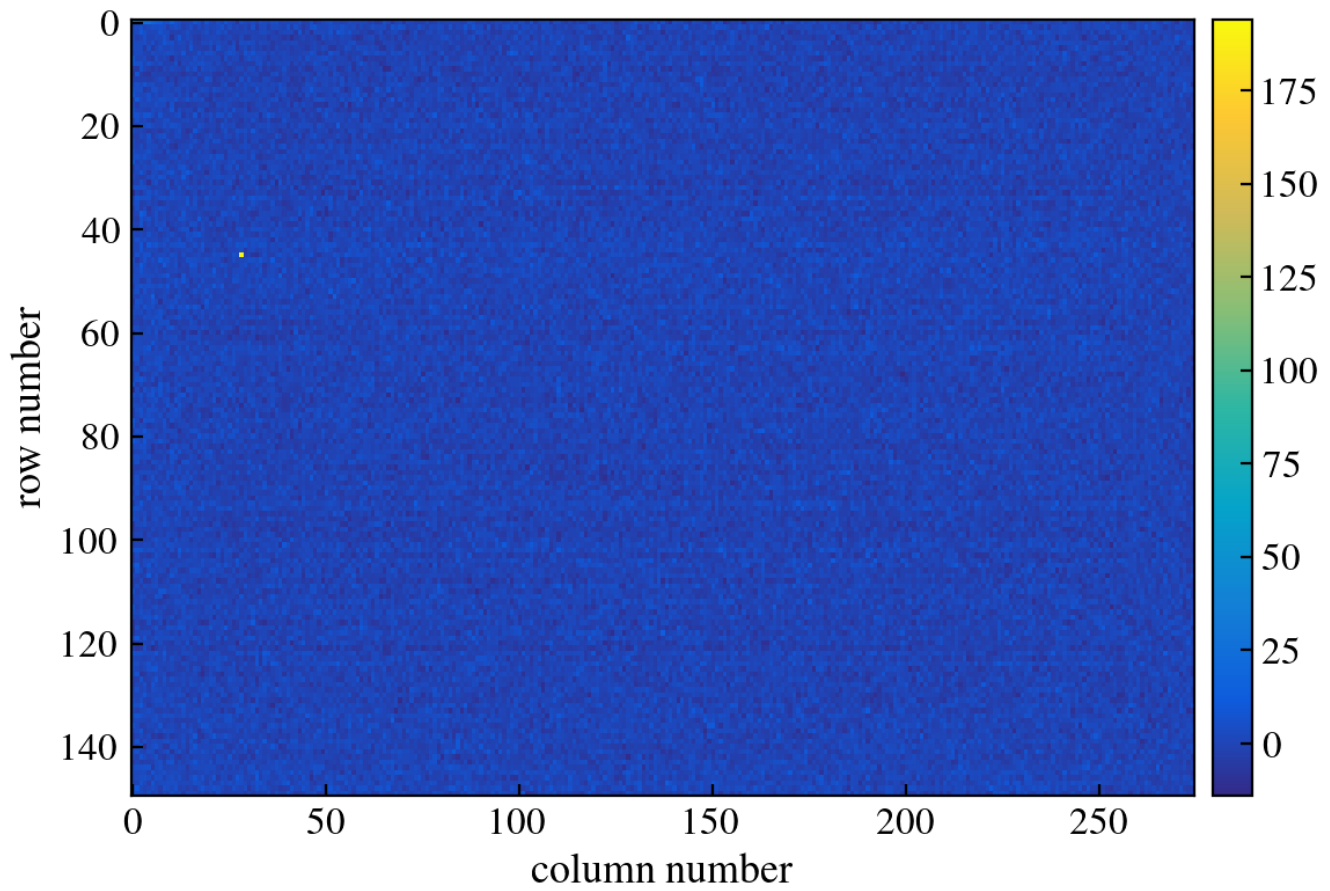


Figure 239: CCD Image

CCD Image: run 490, image 286
[class MECCDImage]

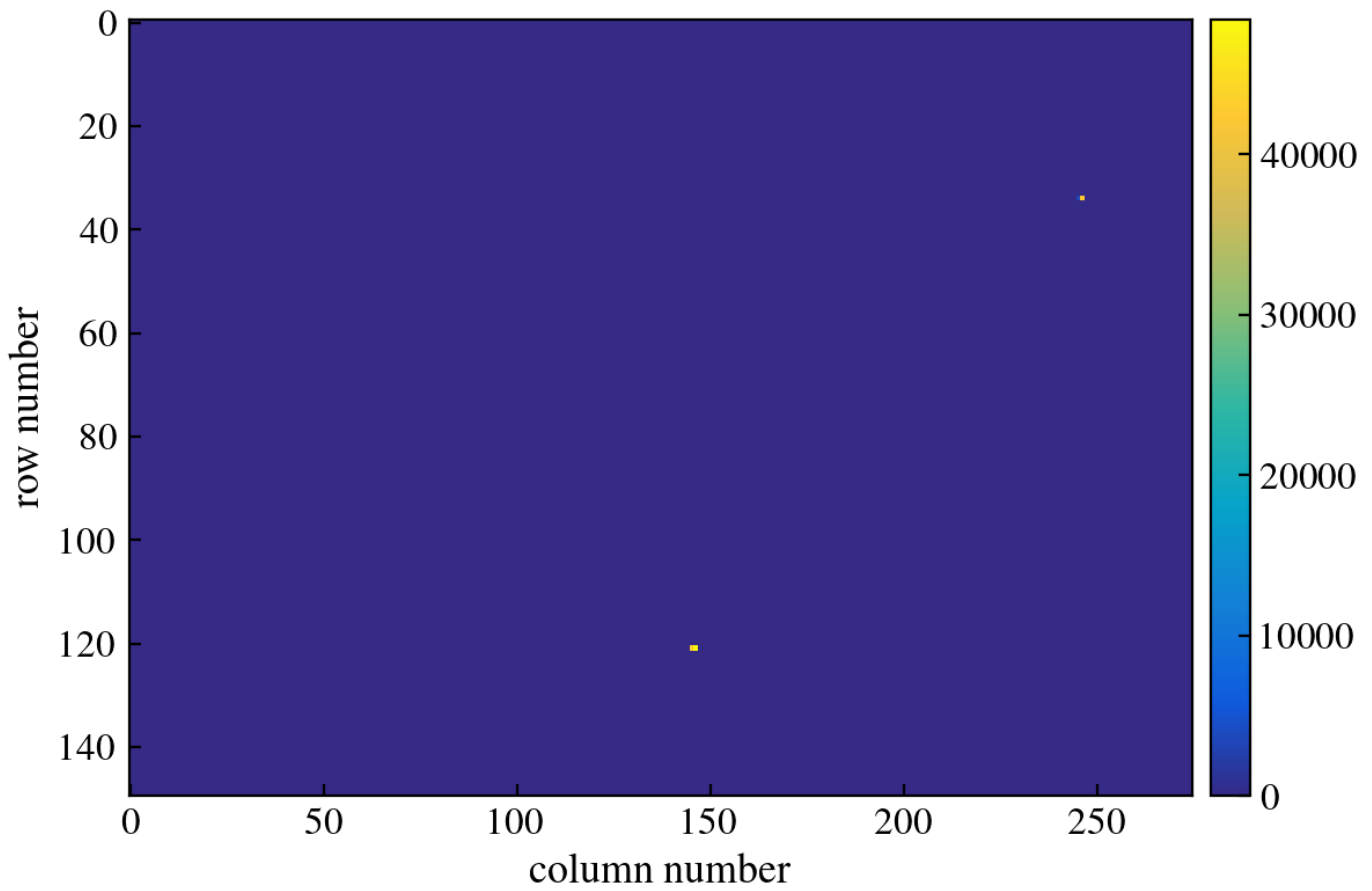


Figure 240: CCD Image

CCD Image: run 490, image 287
[class MECCDImage]

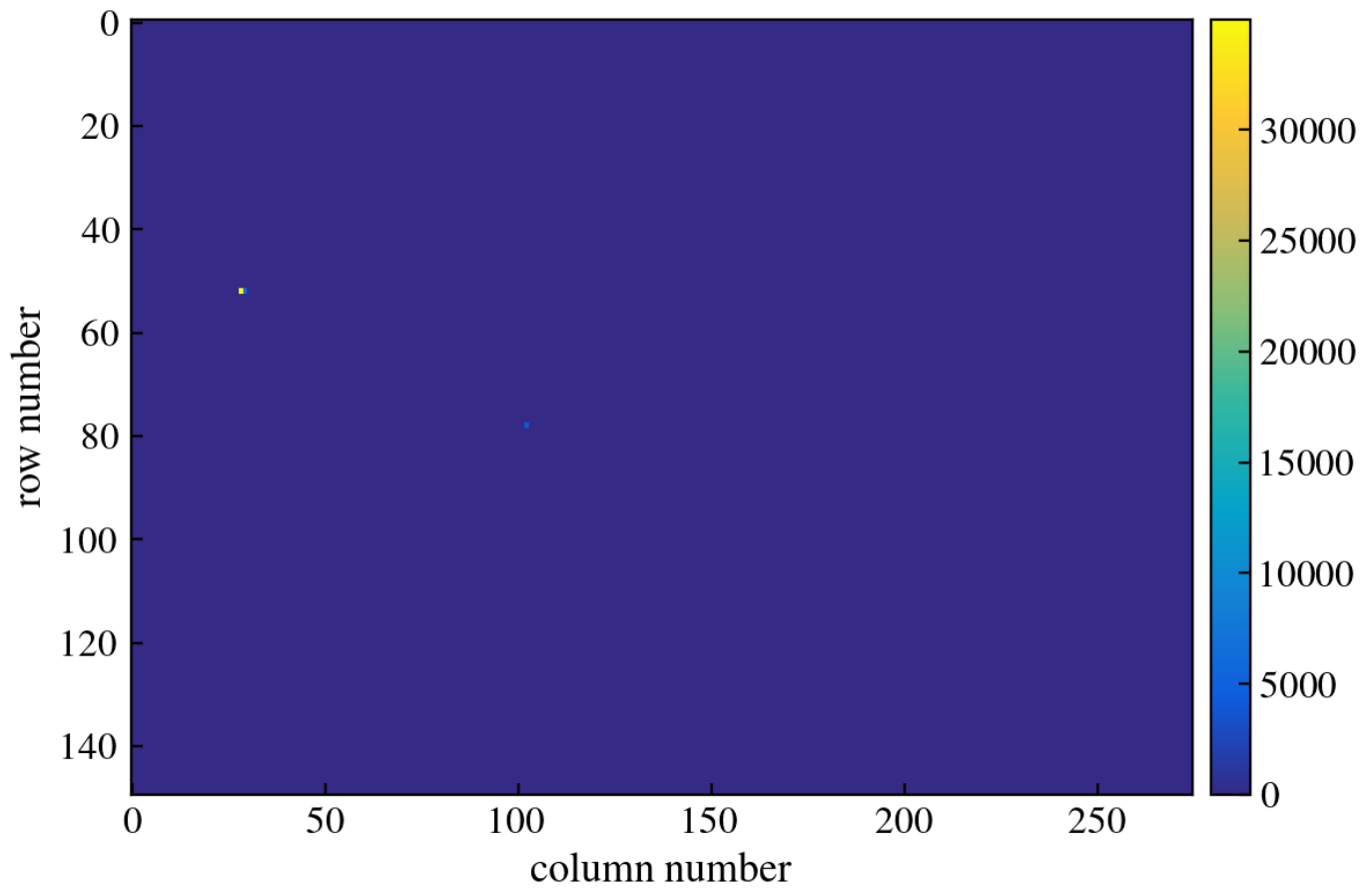


Figure 241: CCD Image

CCD Image: run 490, image 288
[class MECCDImage]

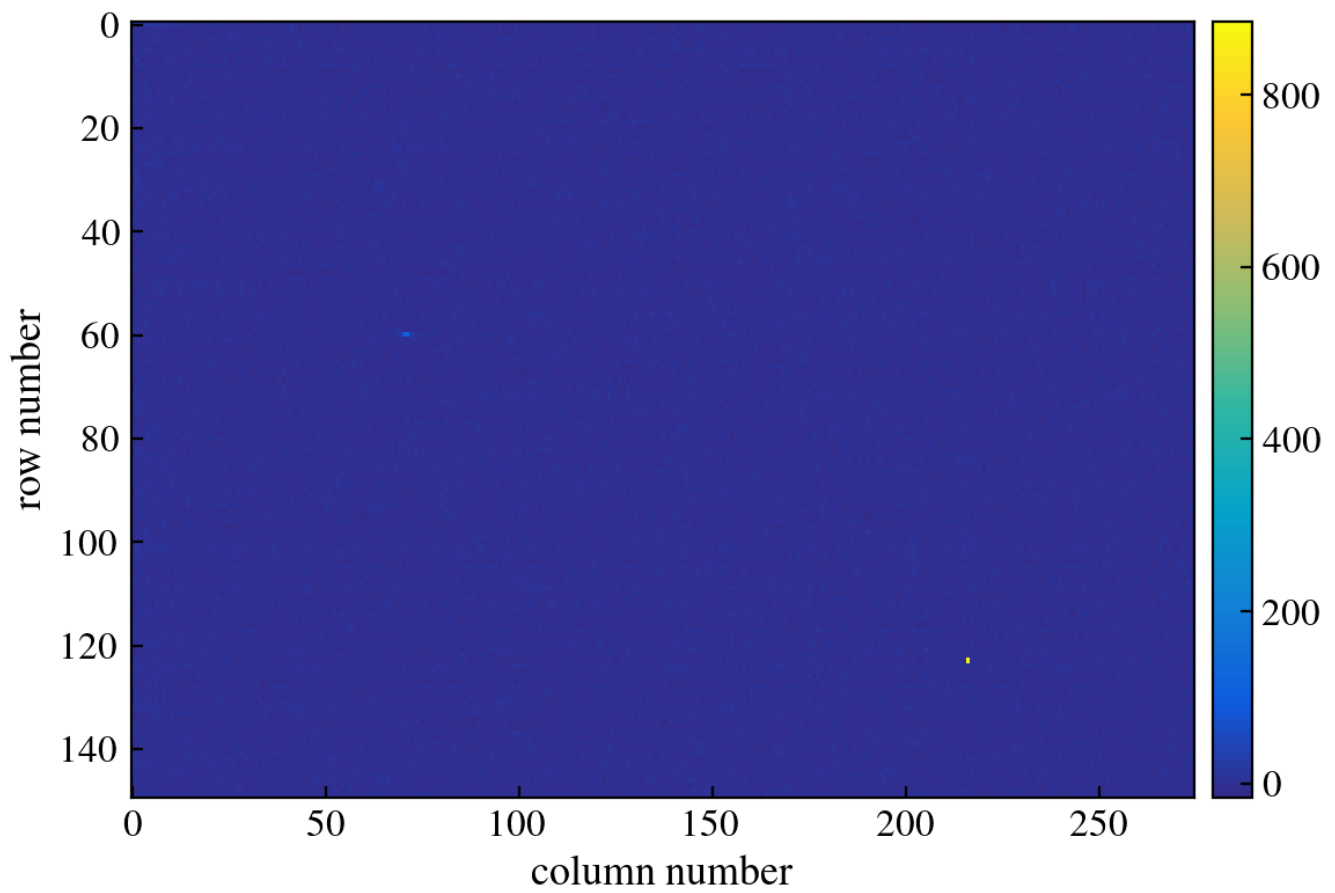


Figure 242: CCD Image

CCD Image: run 490, image 289
[class MECCDImage]

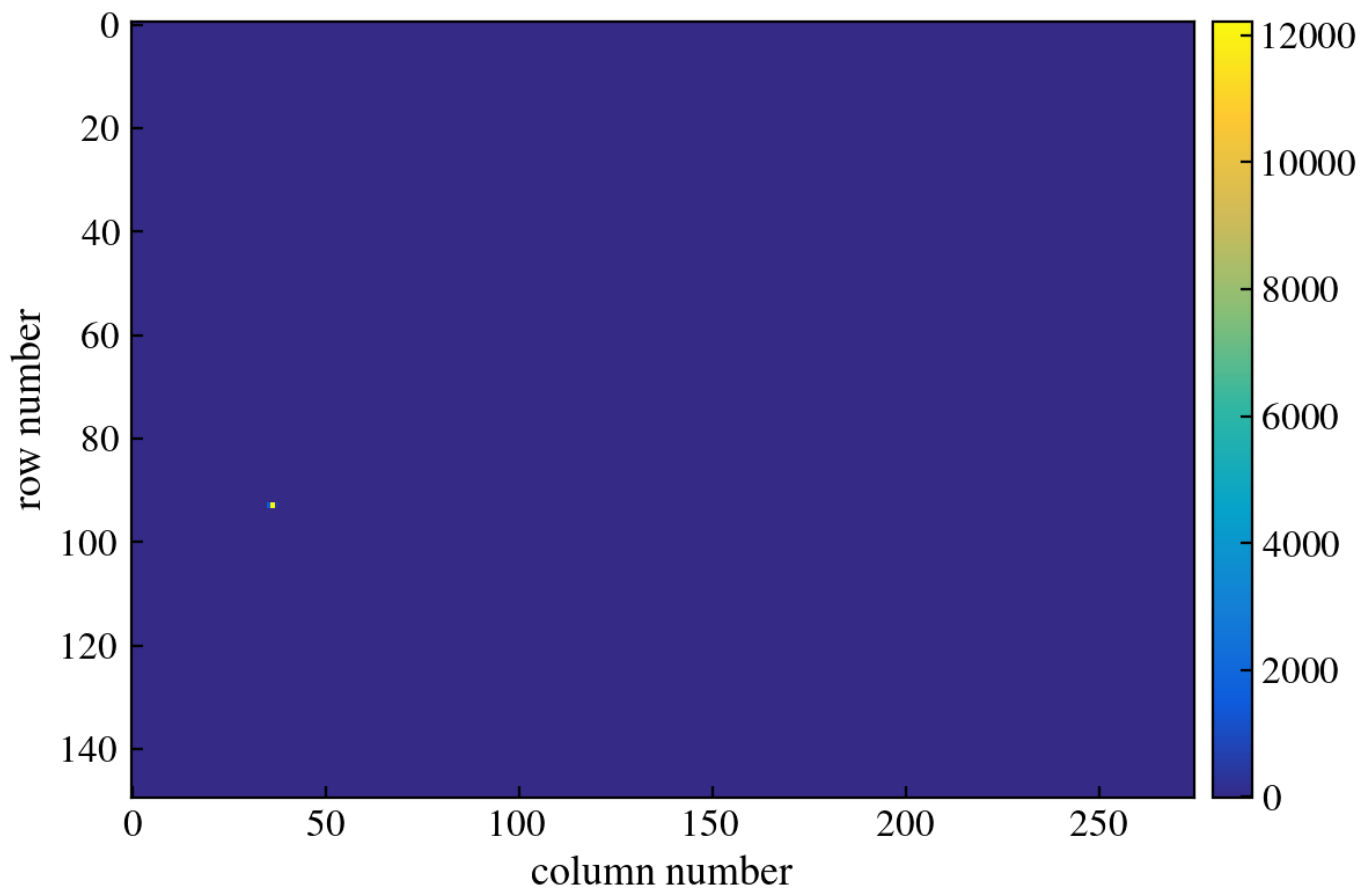


Figure 243: CCD Image

CCD Image: run 490, image 29
[class MECCDImage]

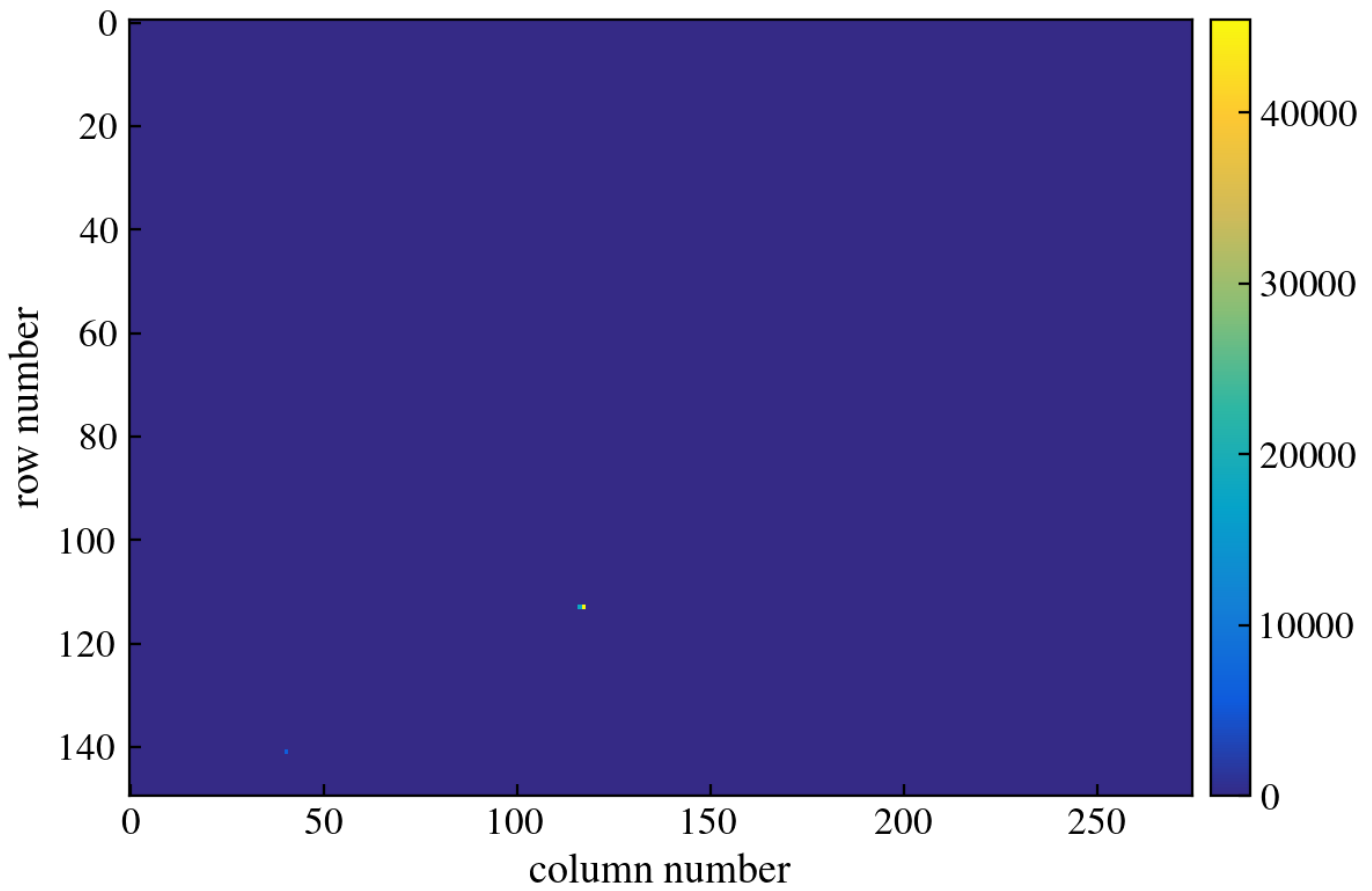


Figure 244: CCD Image

CCD Image: run 490, image 290
[class MECCDImage]

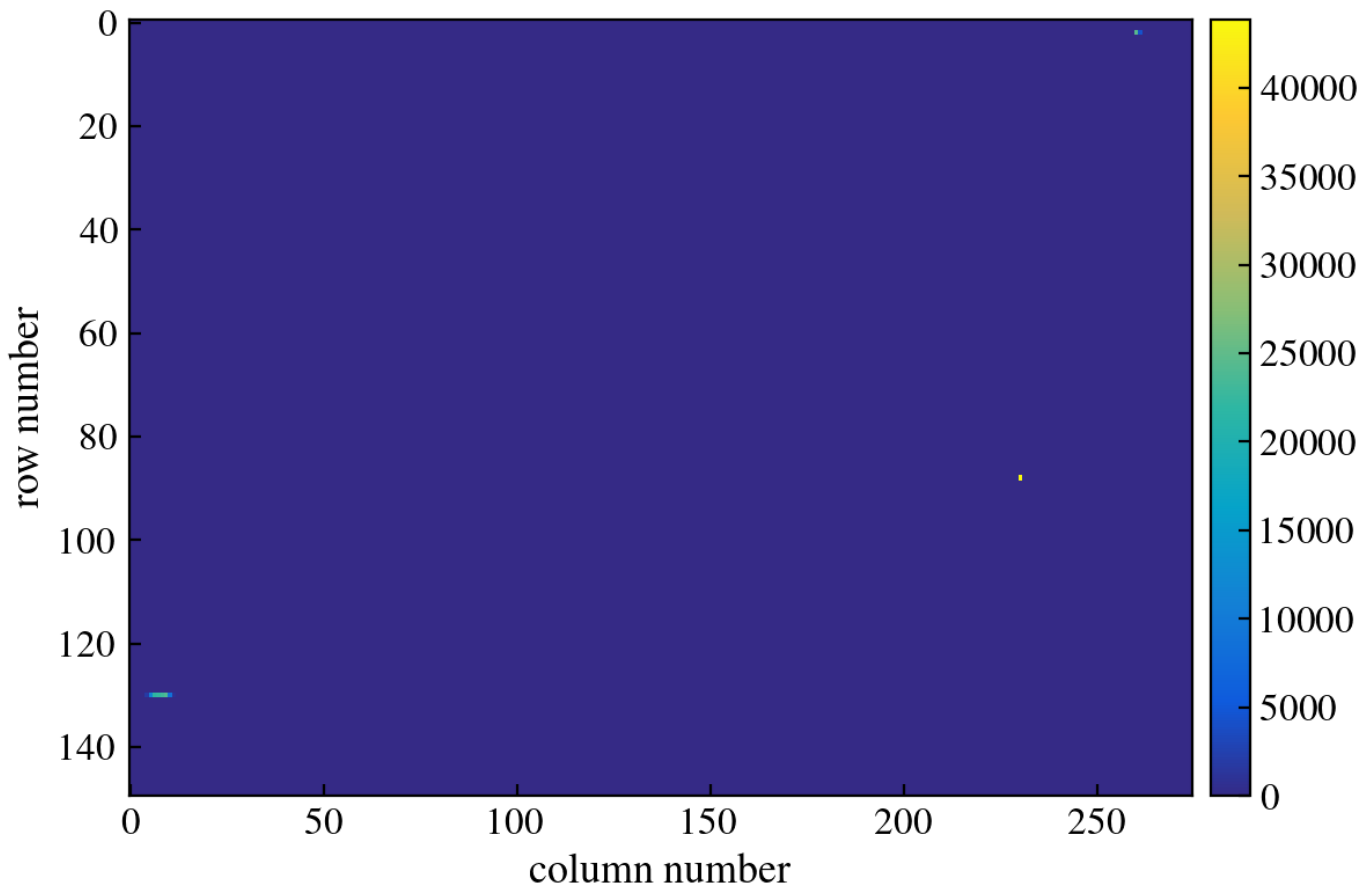


Figure 245: CCD Image

CCD Image: run 490, image 291
[class MECCDImage]

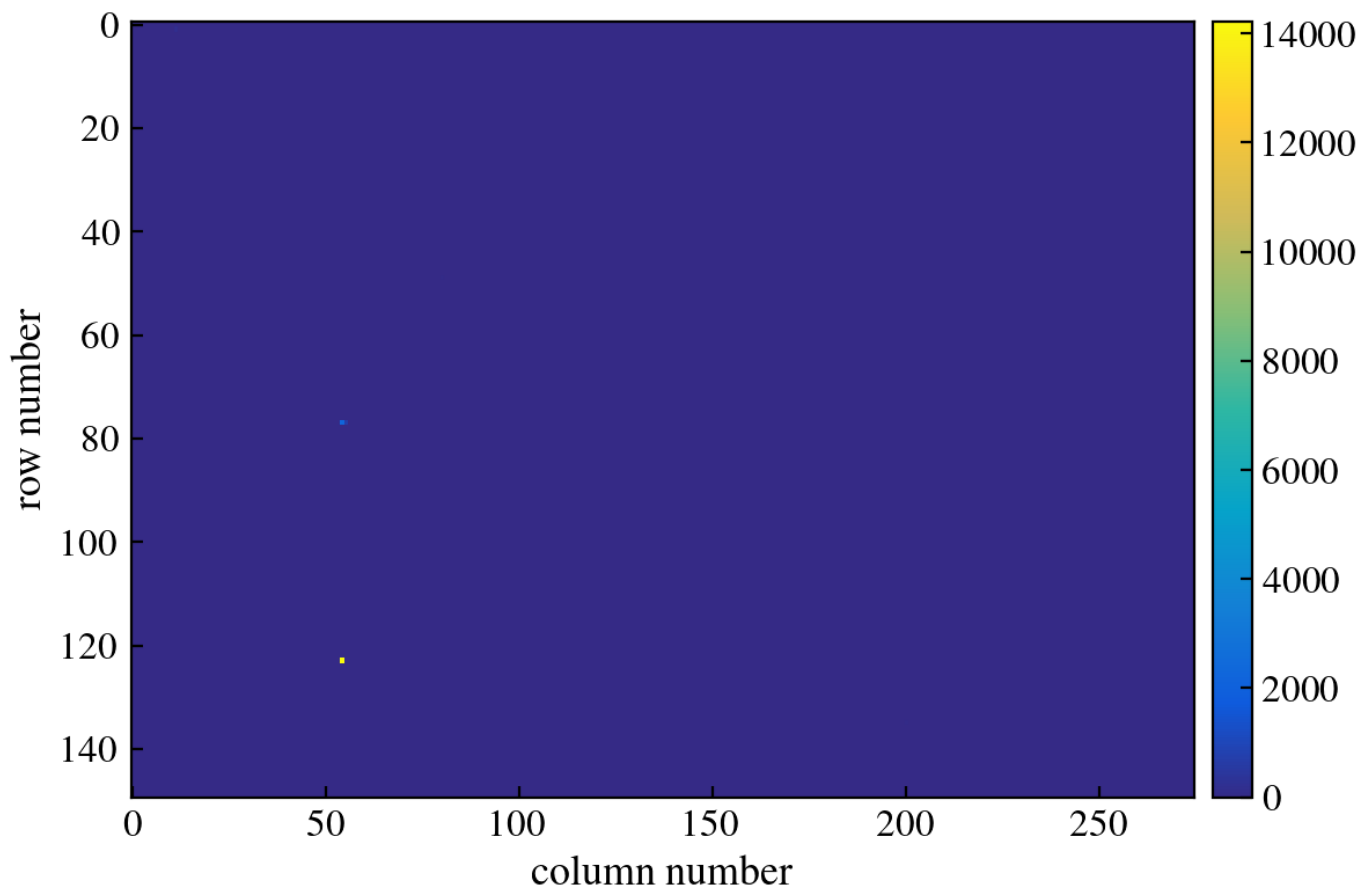


Figure 246: CCD Image

CCD Image: run 490, image 292
[class MECCDImage]

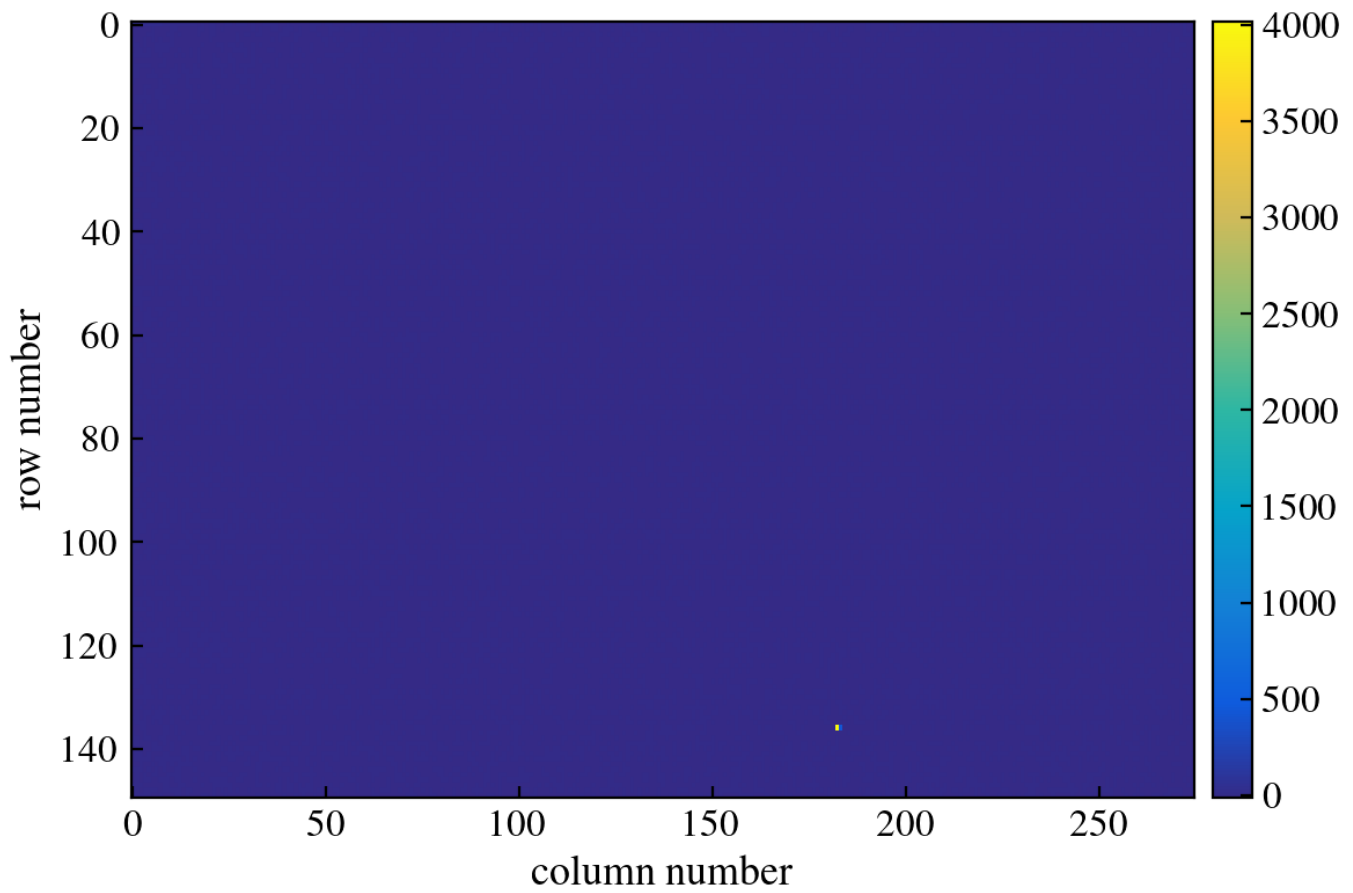


Figure 247: CCD Image

CCD Image: run 490, image 293
[class MECCDImage]

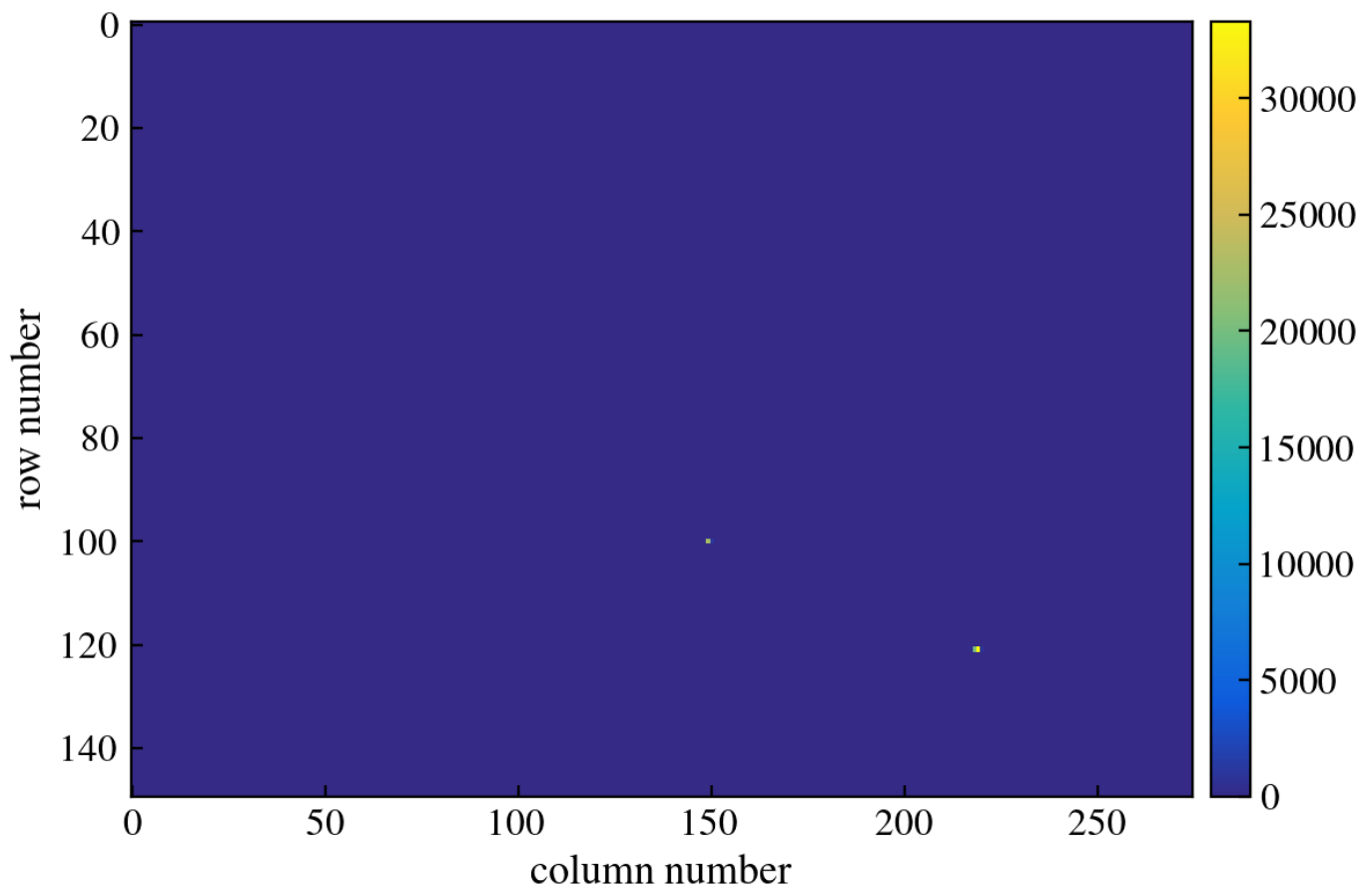


Figure 248: CCD Image

CCD Image: run 490, image 294
[class MECCDImage]

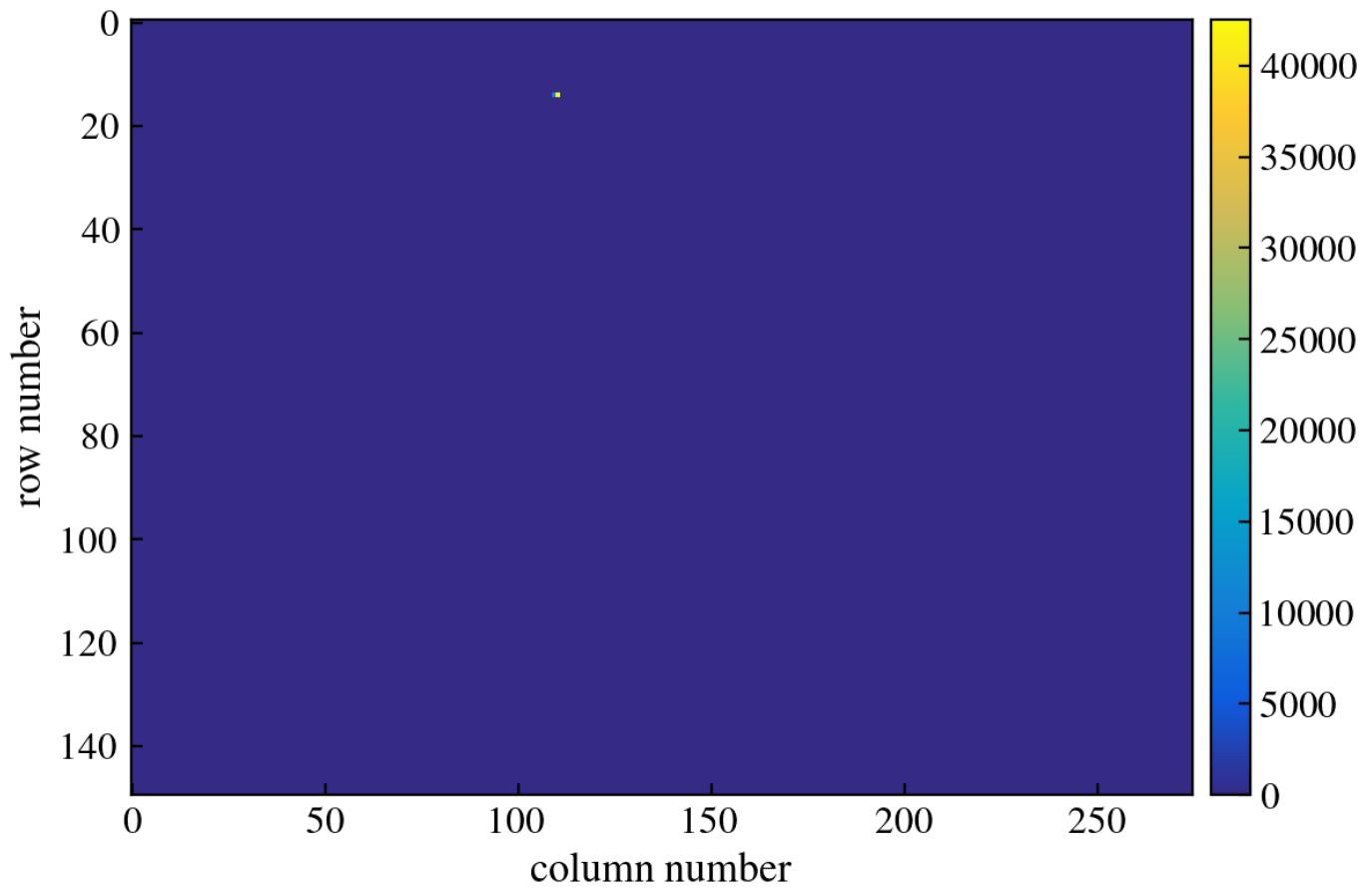


Figure 249: CCD Image

CCD Image: run 490, image 295
[class MECCDImage]

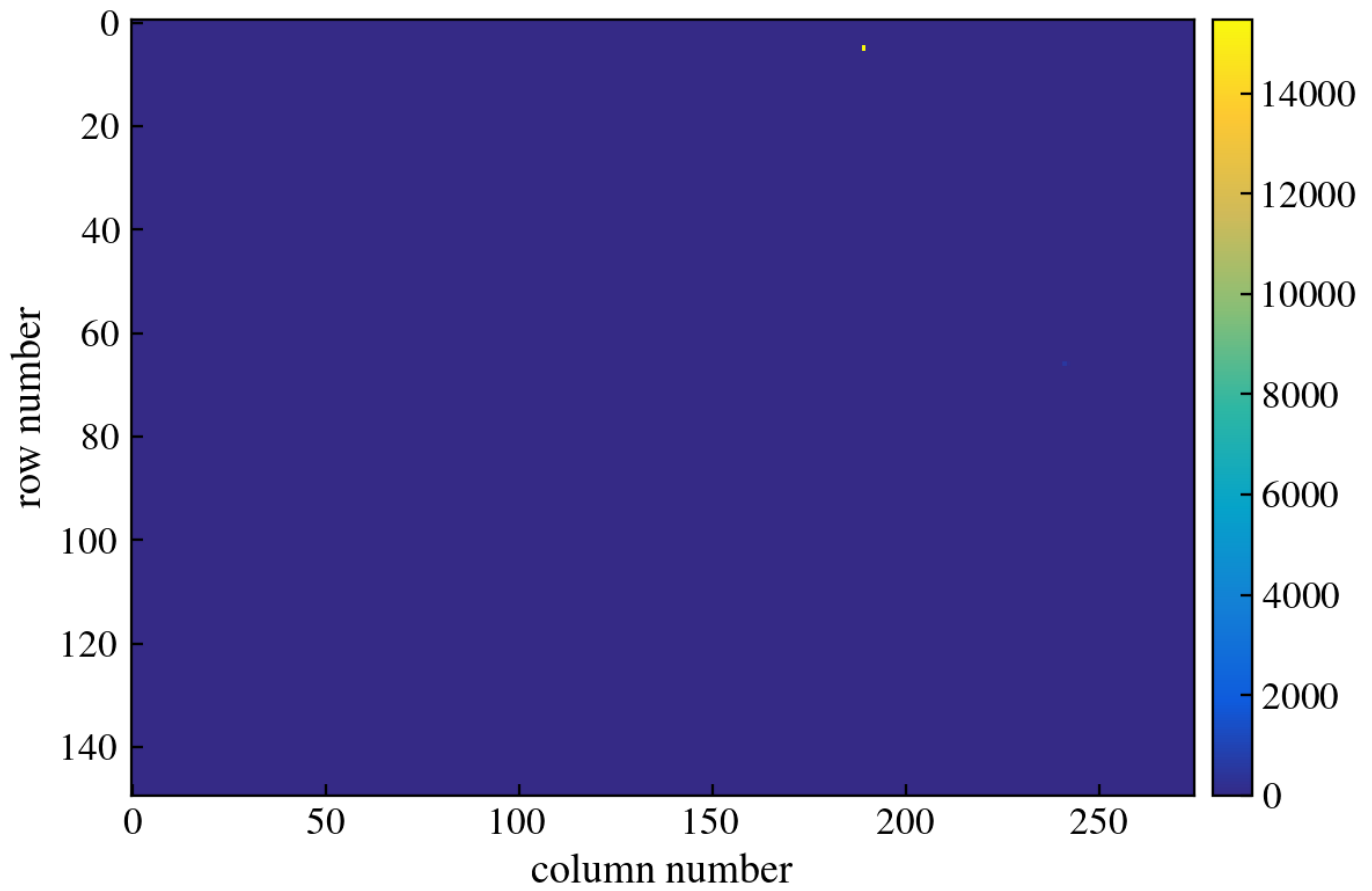


Figure 250: CCD Image

CCD Image: run 490, image 296
[class MECCDImage]

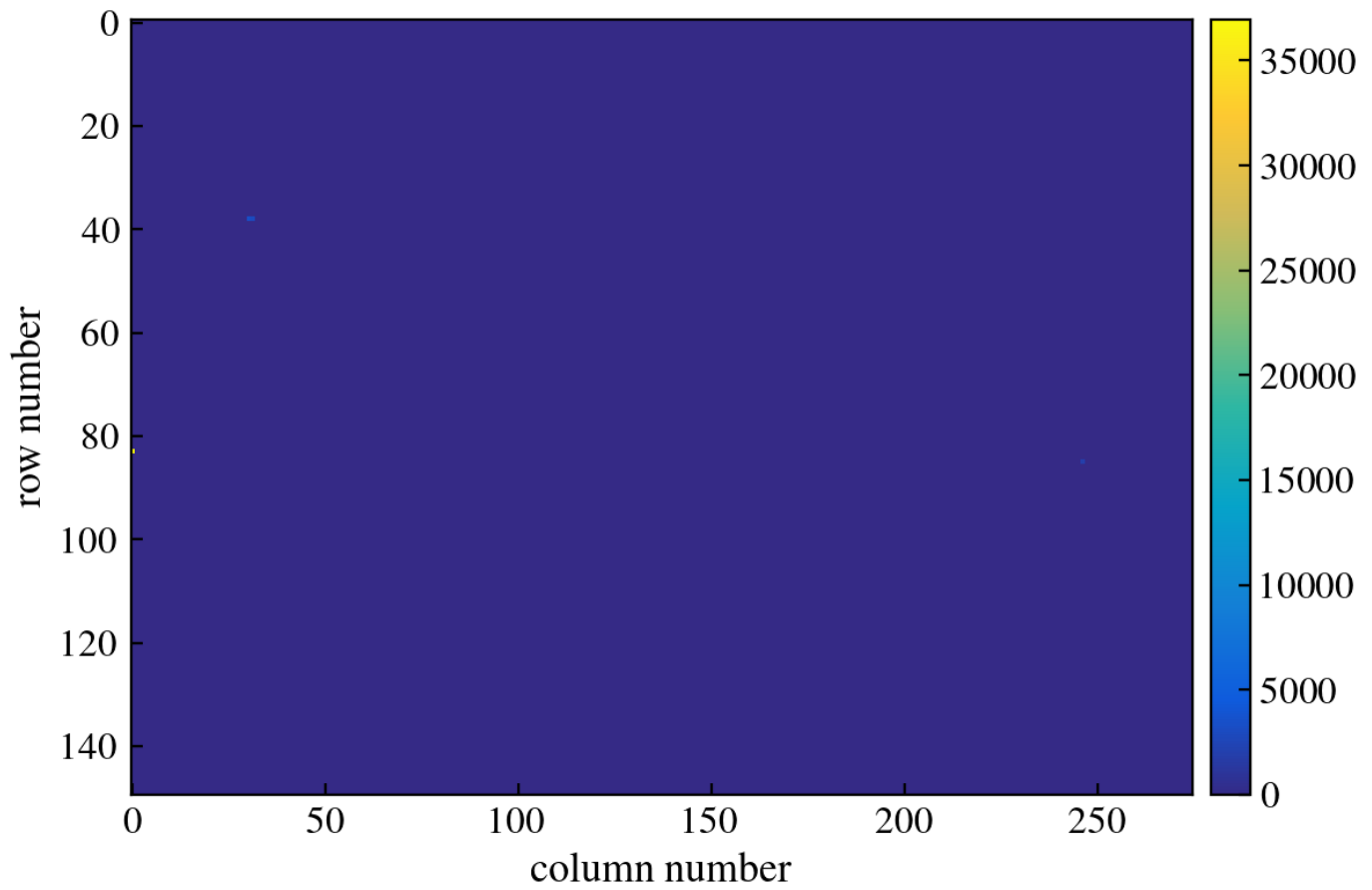


Figure 251: CCD Image

CCD Image: run 490, image 297
[class MECCDImage]

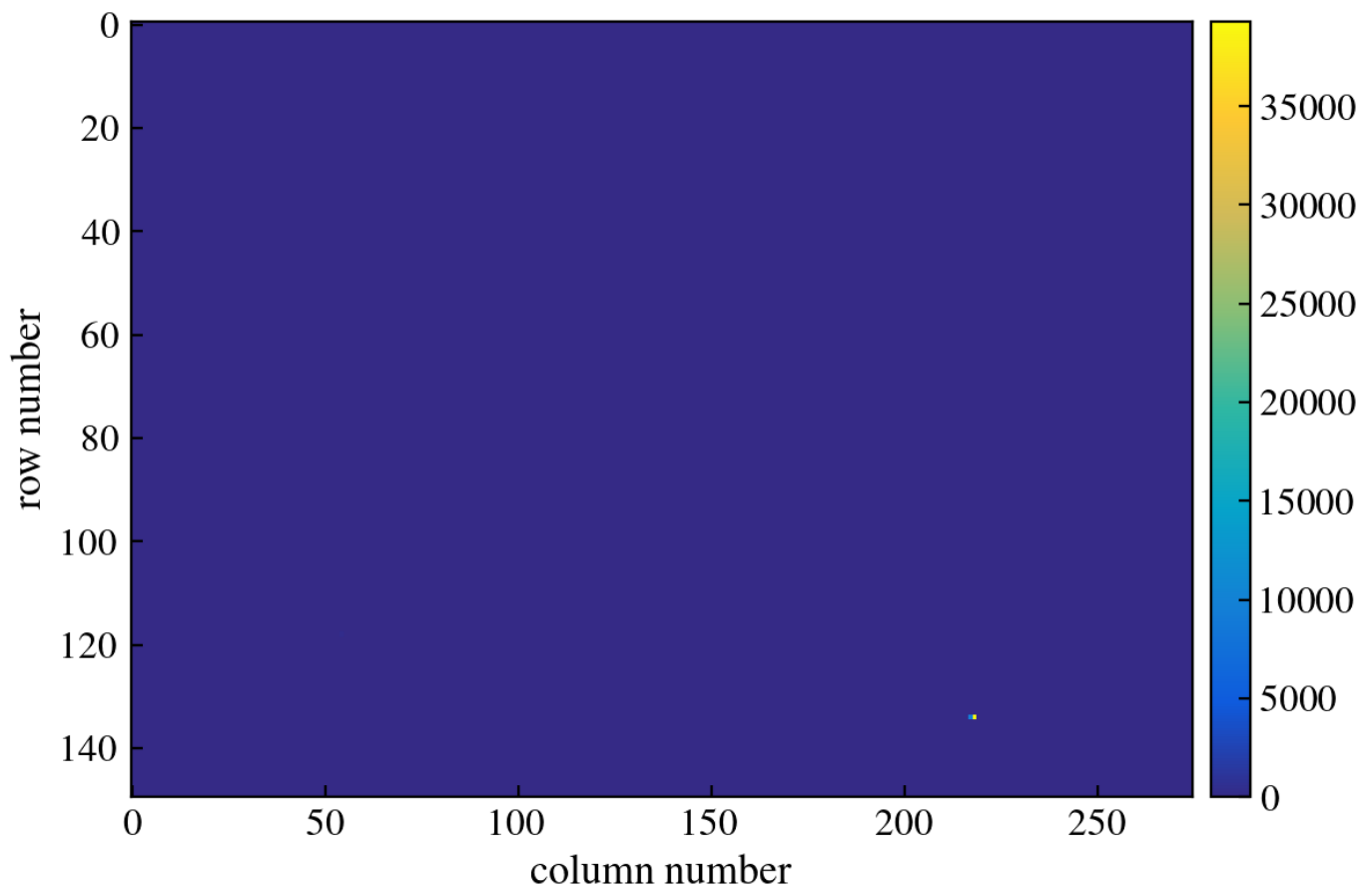


Figure 252: CCD Image

CCD Image: run 490, image 298
[class MECCDImage]

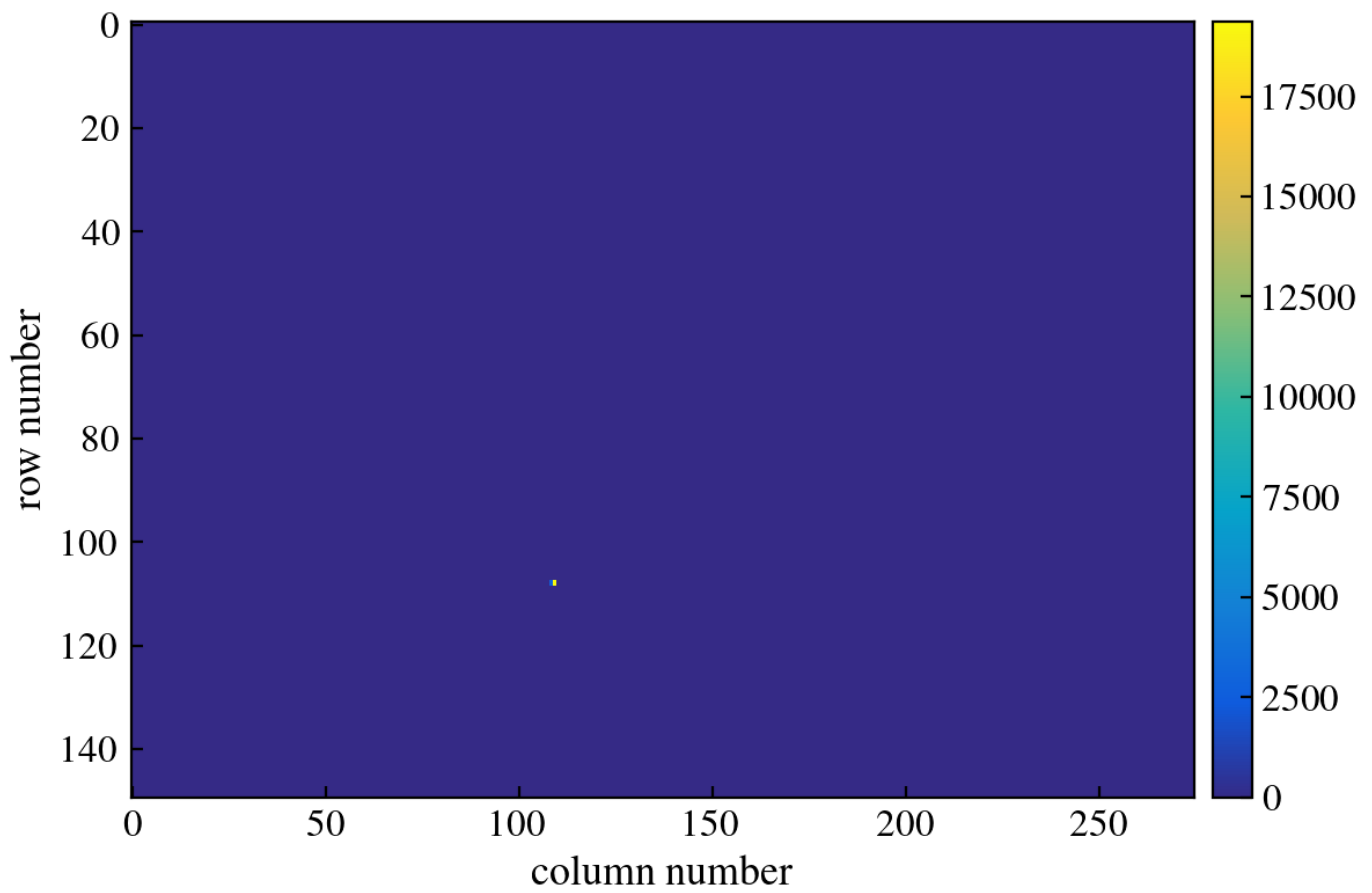


Figure 253: CCD Image

CCD Image: run 490, image 299
[class MECCDImage]

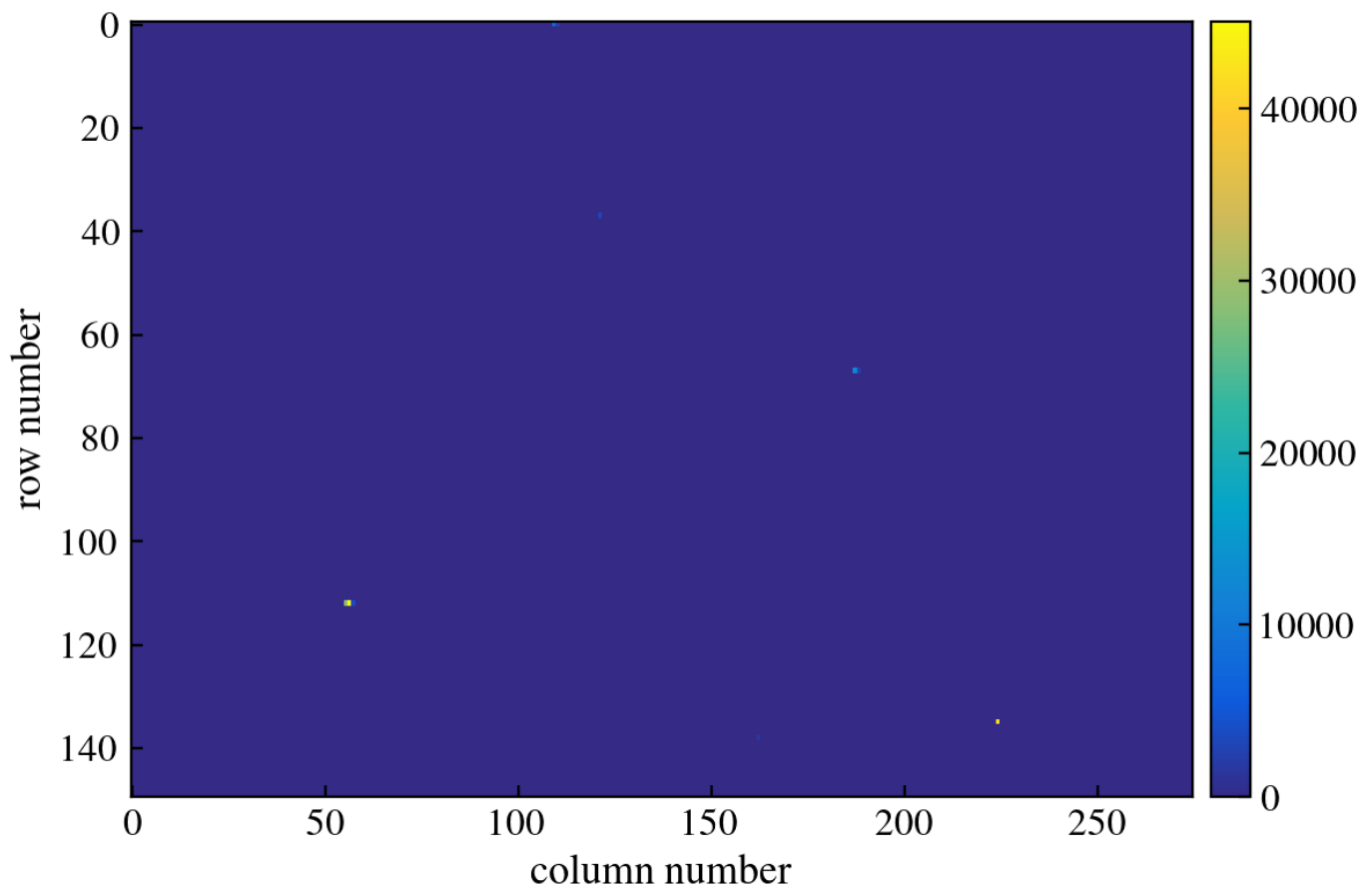


Figure 254: CCD Image

CCD Image: run 490, image 3
[class MECCDImage]

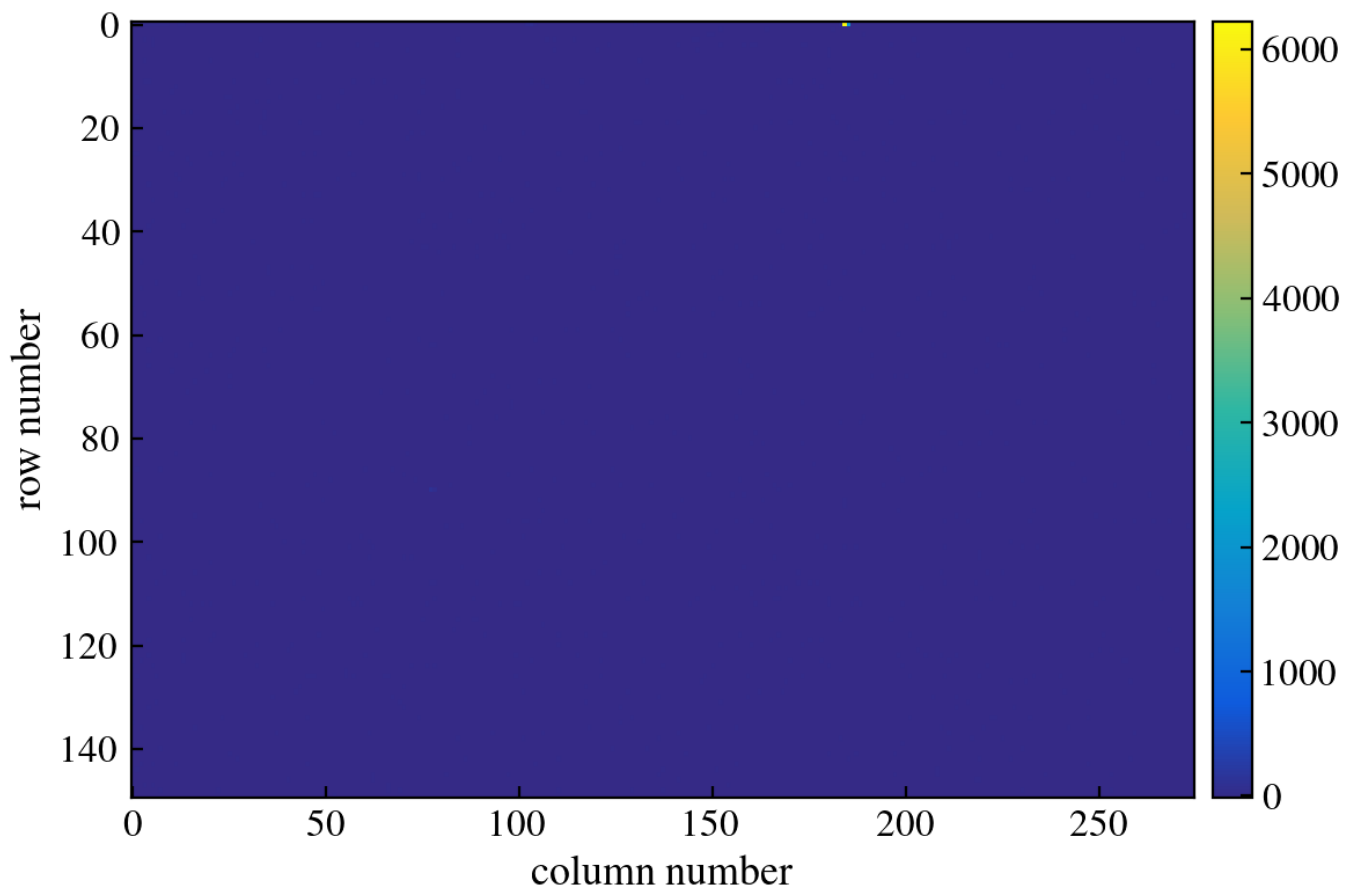


Figure 255: CCD Image

CCD Image: run 490, image 30
[class MECCDImage]

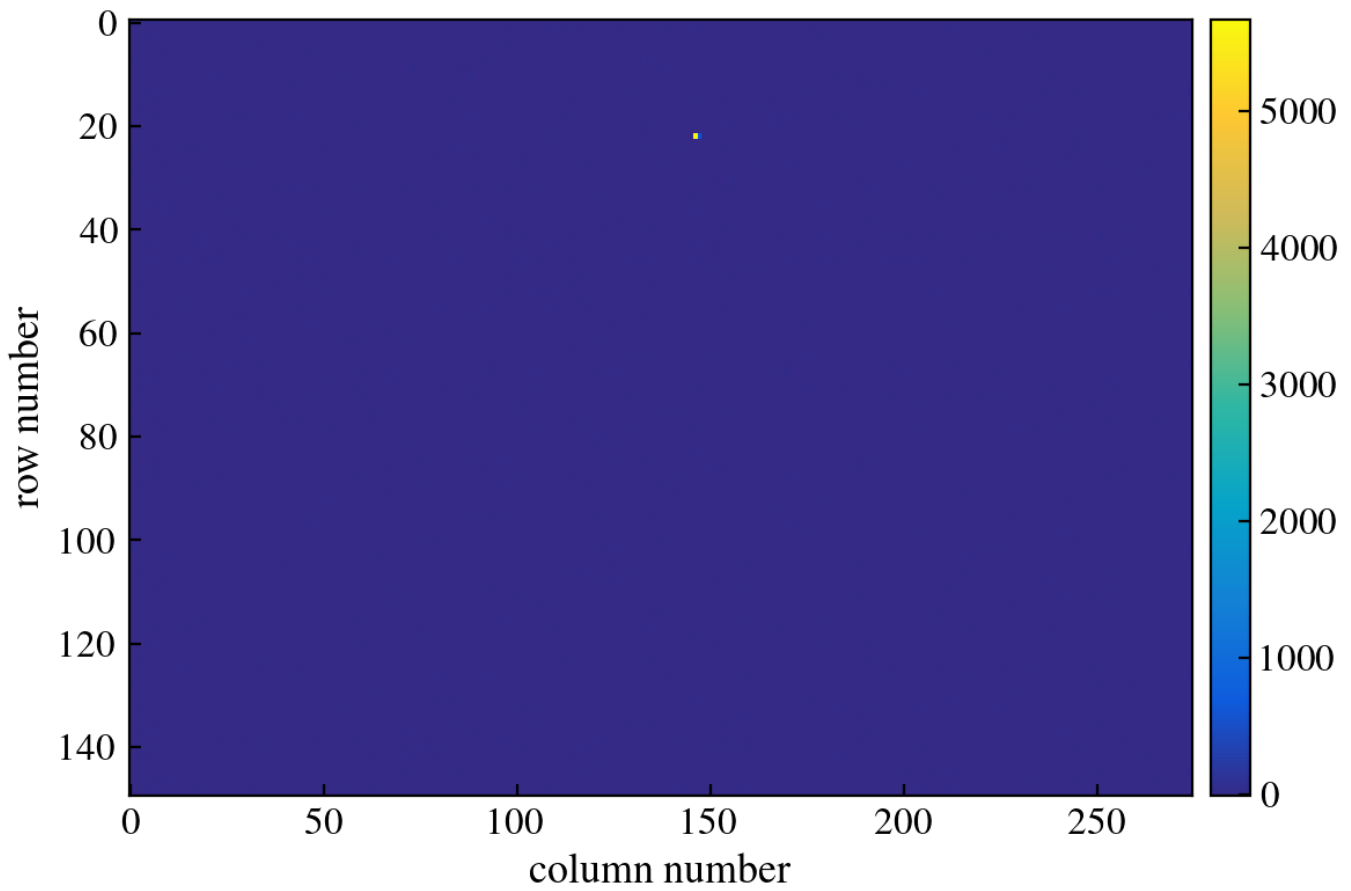


Figure 256: CCD Image

CCD Image: run 490, image 300
[class MECCDImage]

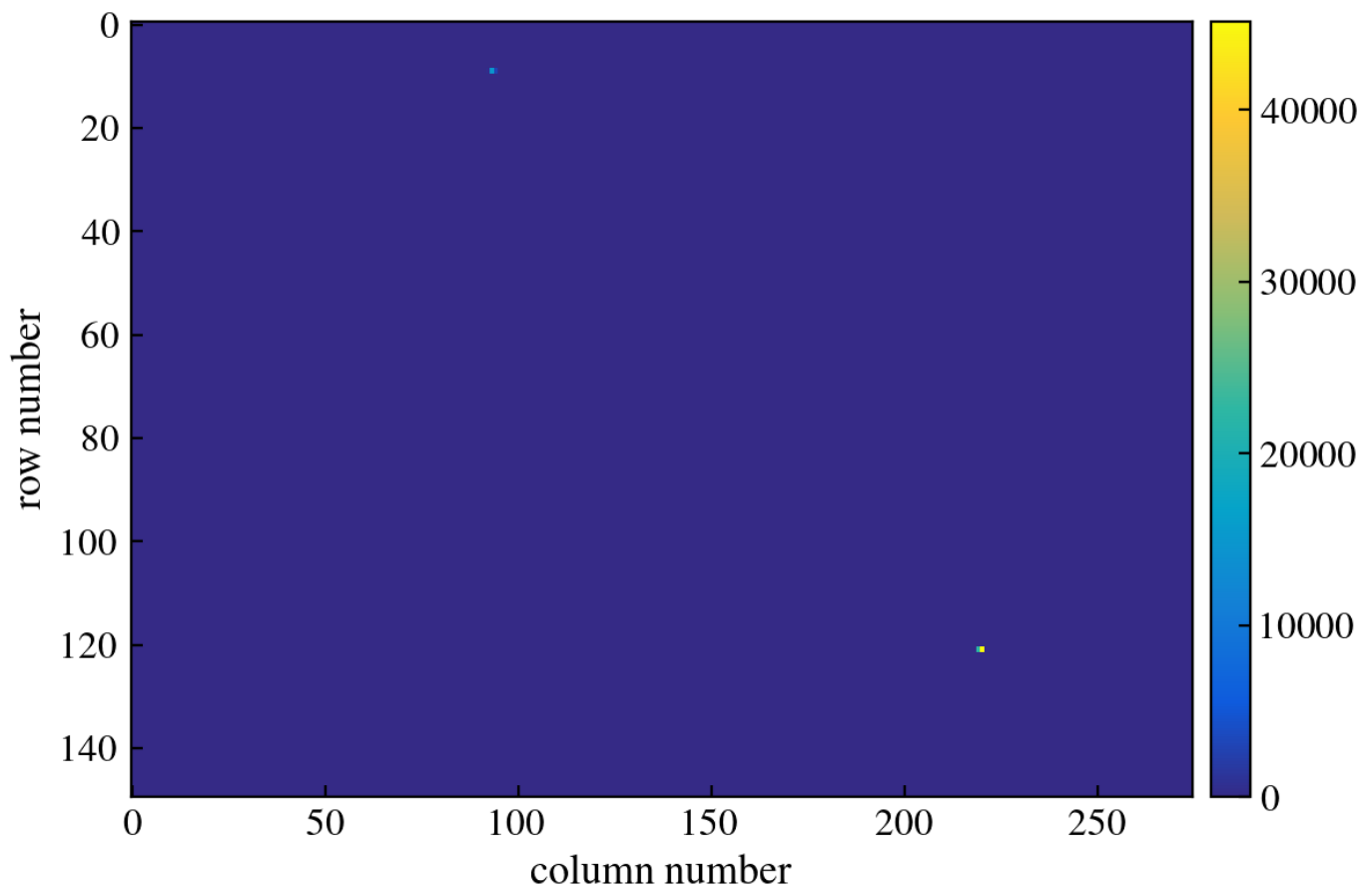


Figure 257: CCD Image

CCD Image: run 490, image 301
[class MECCDImage]

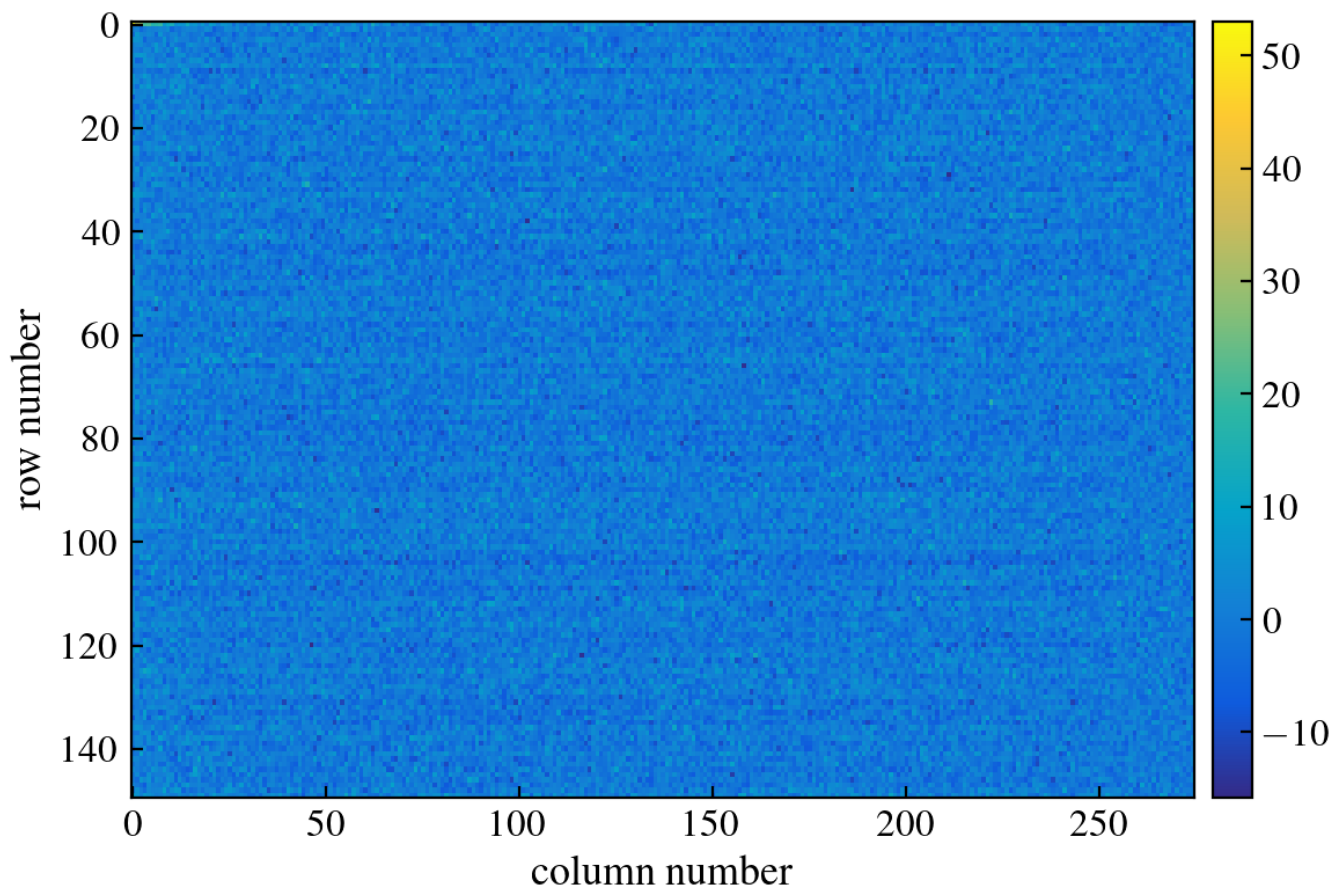


Figure 258: CCD Image

CCD Image: run 490, image 302
[class MECCDImage]

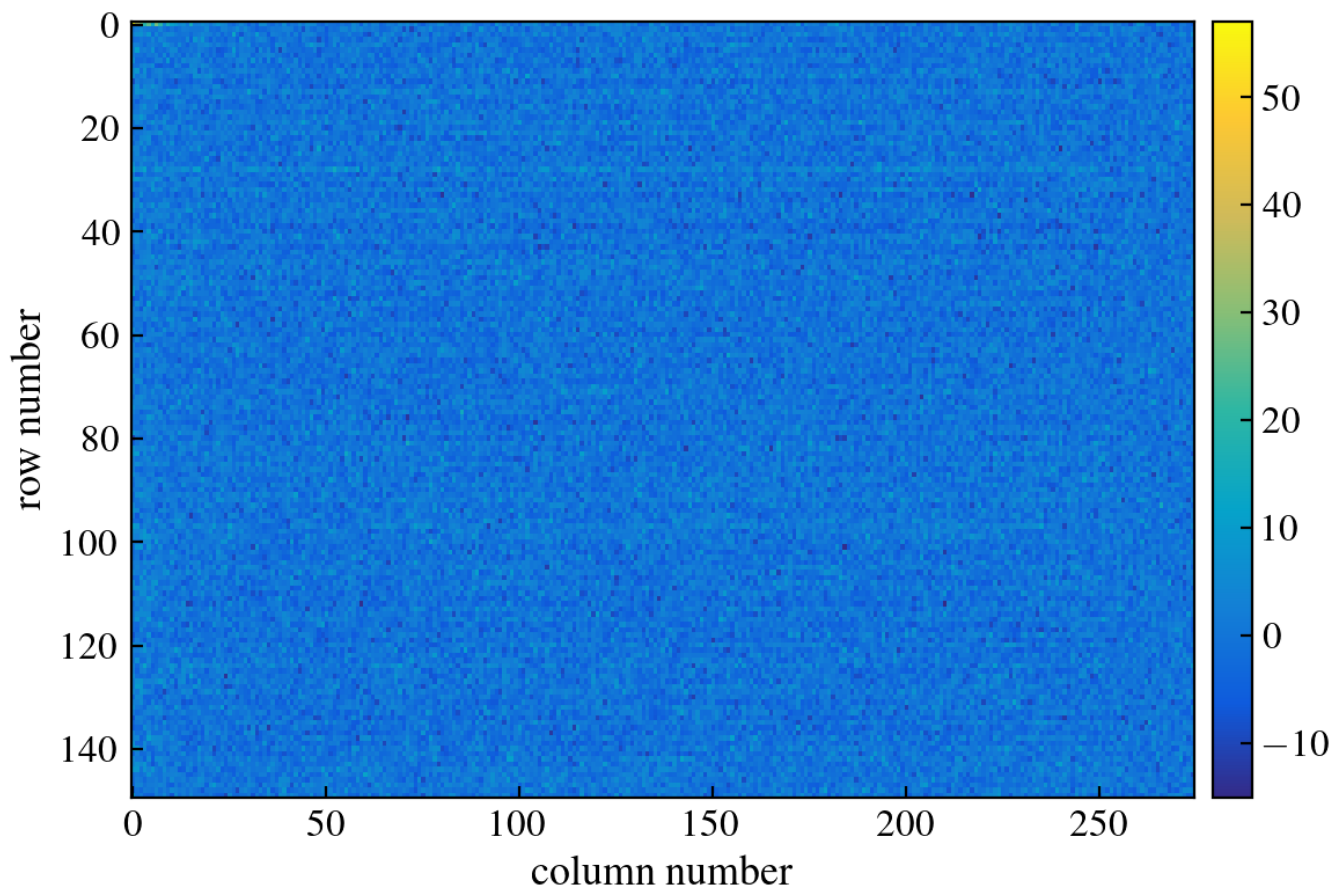


Figure 259: CCD Image

CCD Image: run 490, image 303
[class MECCDImage]

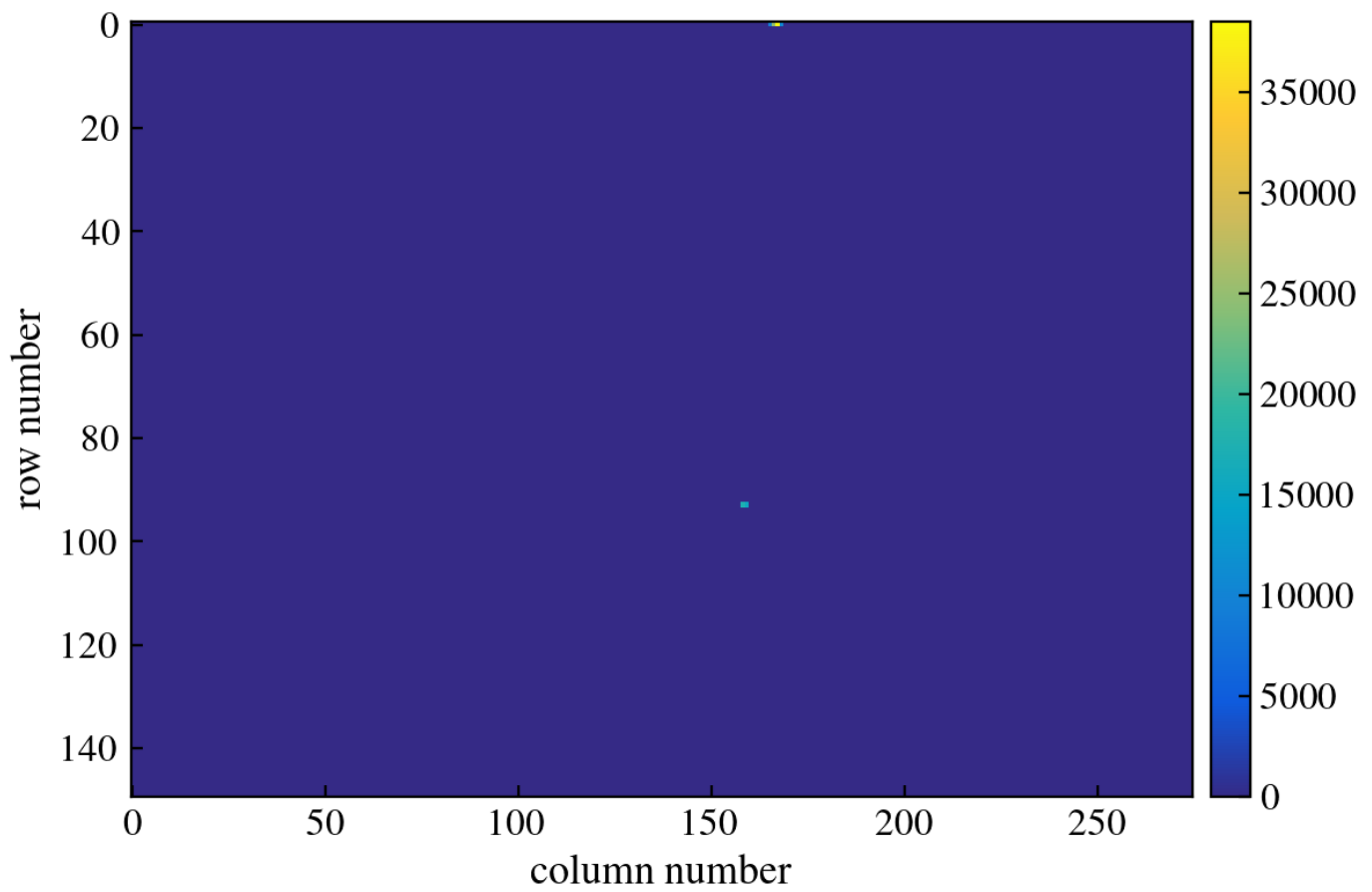


Figure 260: CCD Image

CCD Image: run 490, image 304
[class MECCDImage]

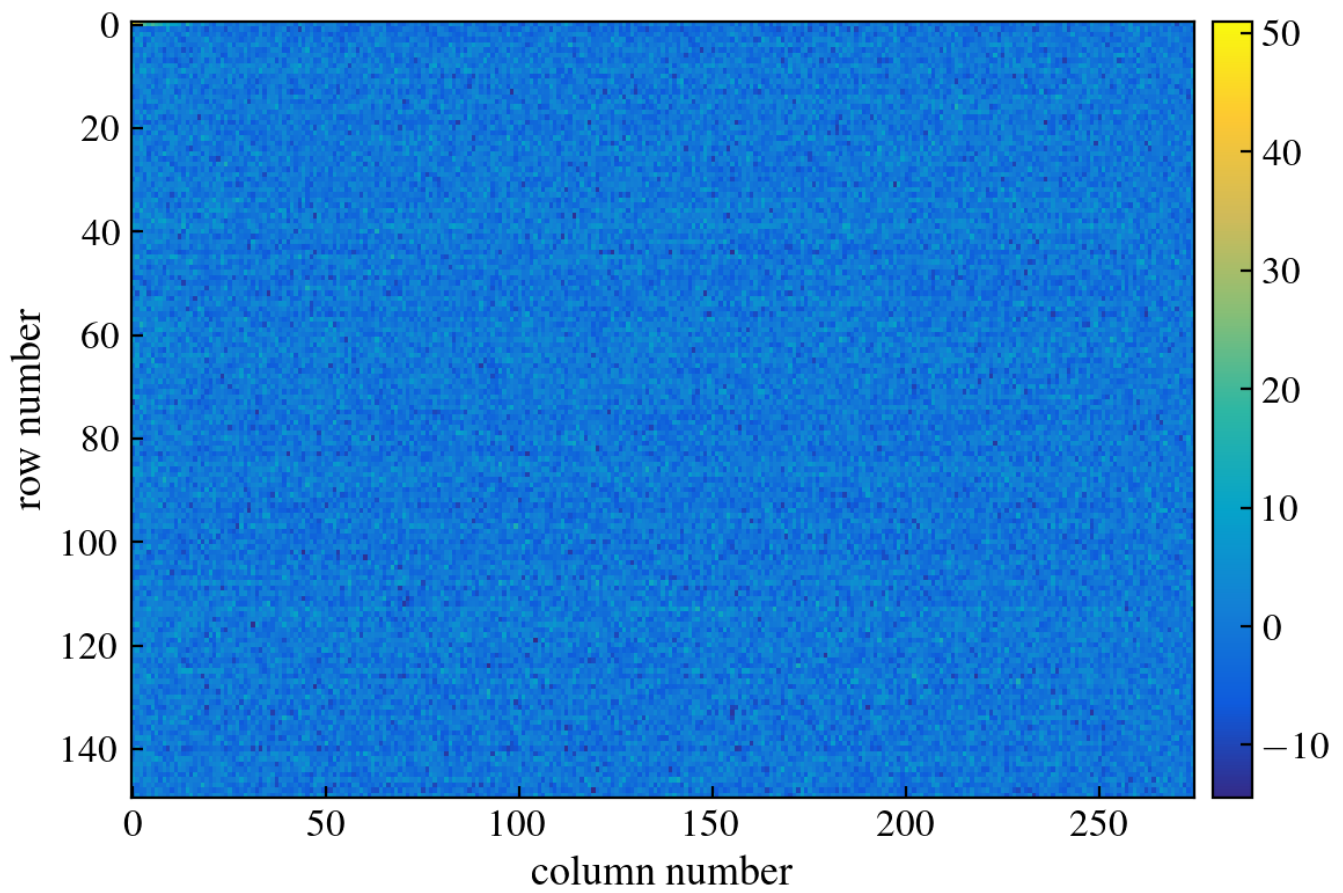


Figure 261: CCD Image

CCD Image: run 490, image 305
[class MECCDImage]

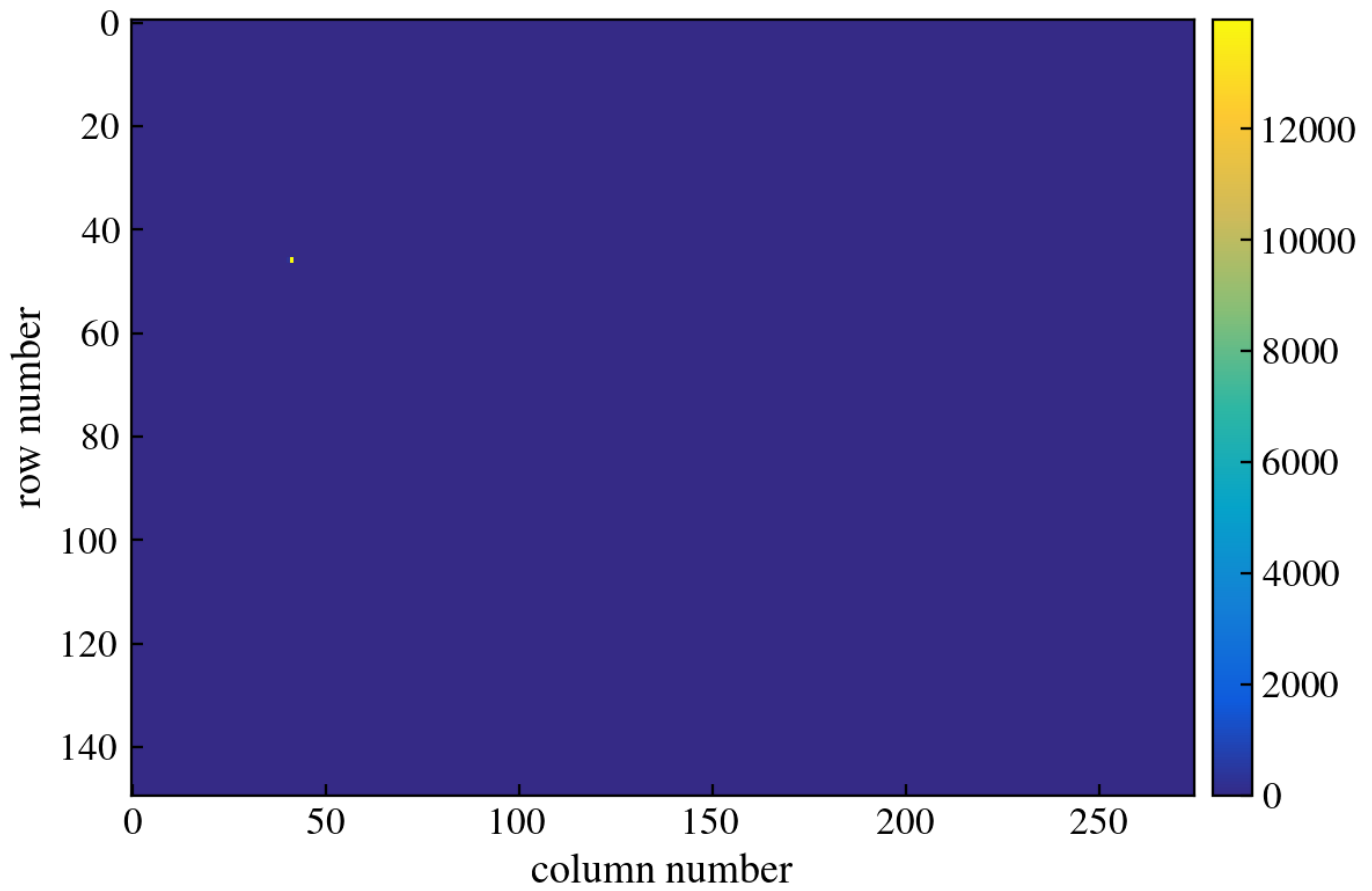


Figure 262: CCD Image

CCD Image: run 490, image 306
[class MECCDImage]

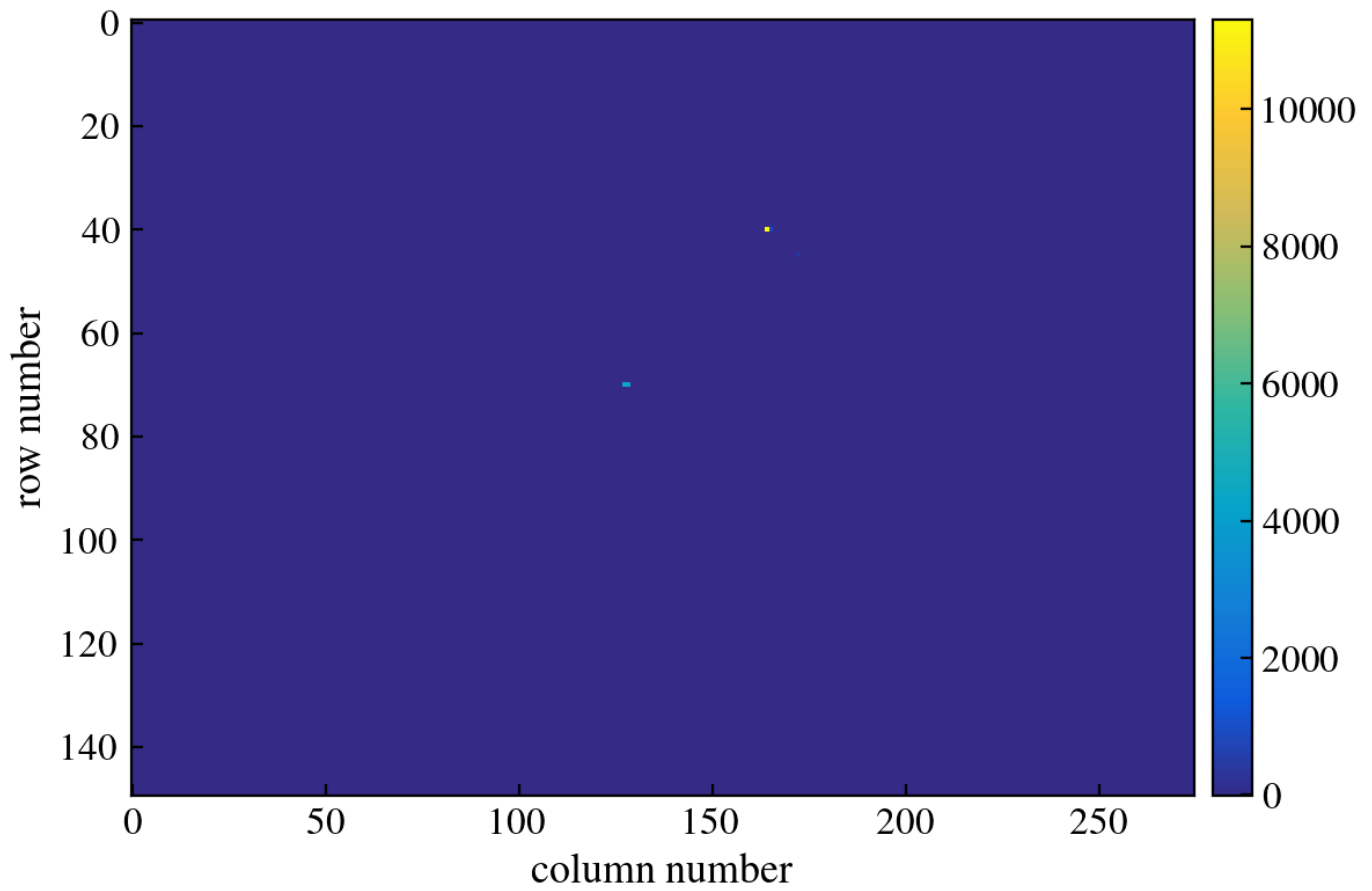


Figure 263: CCD Image

CCD Image: run 490, image 307
[class MECCDImage]

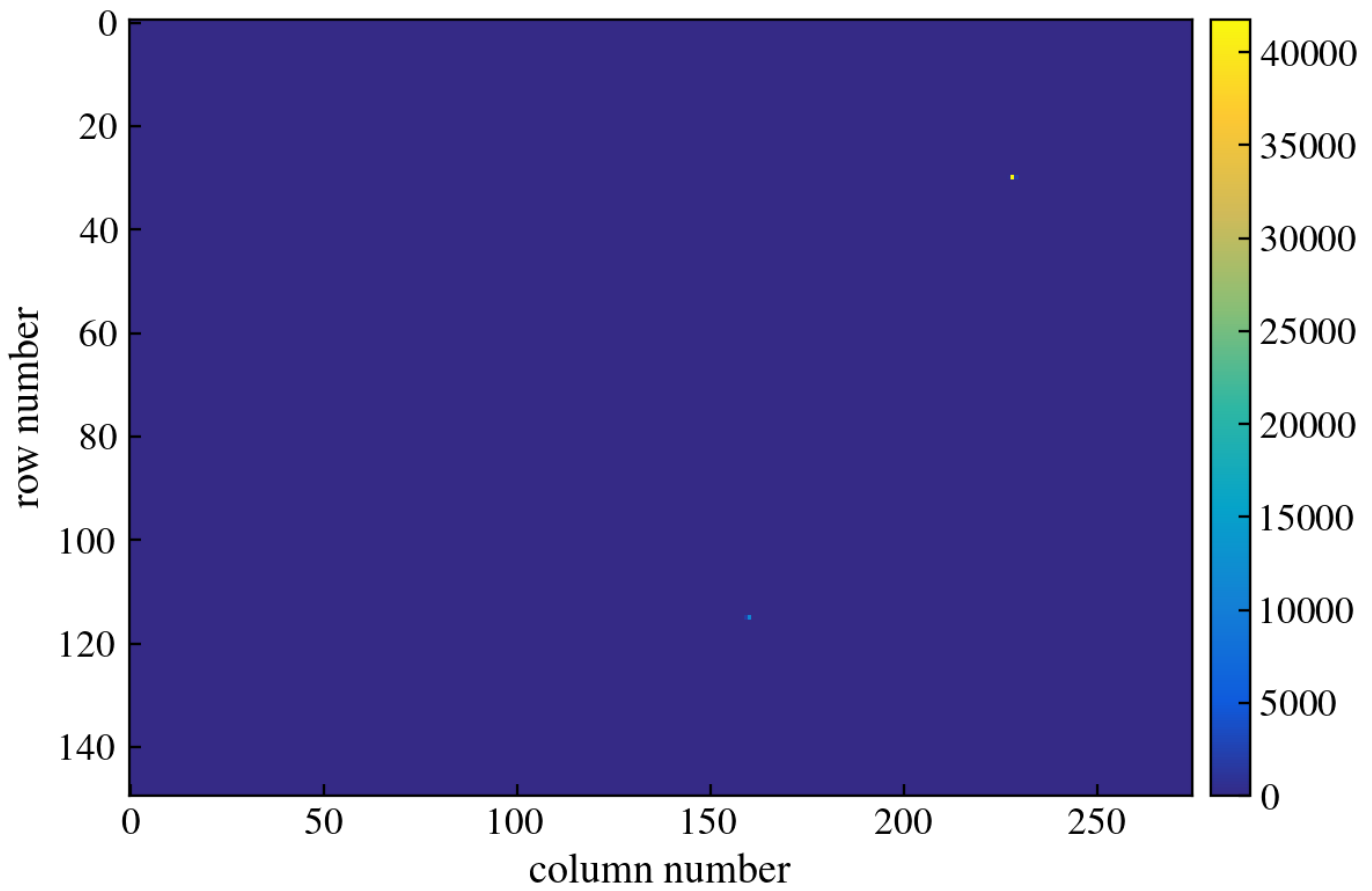


Figure 264: CCD Image

CCD Image: run 490, image 308
[class MECCDImage]

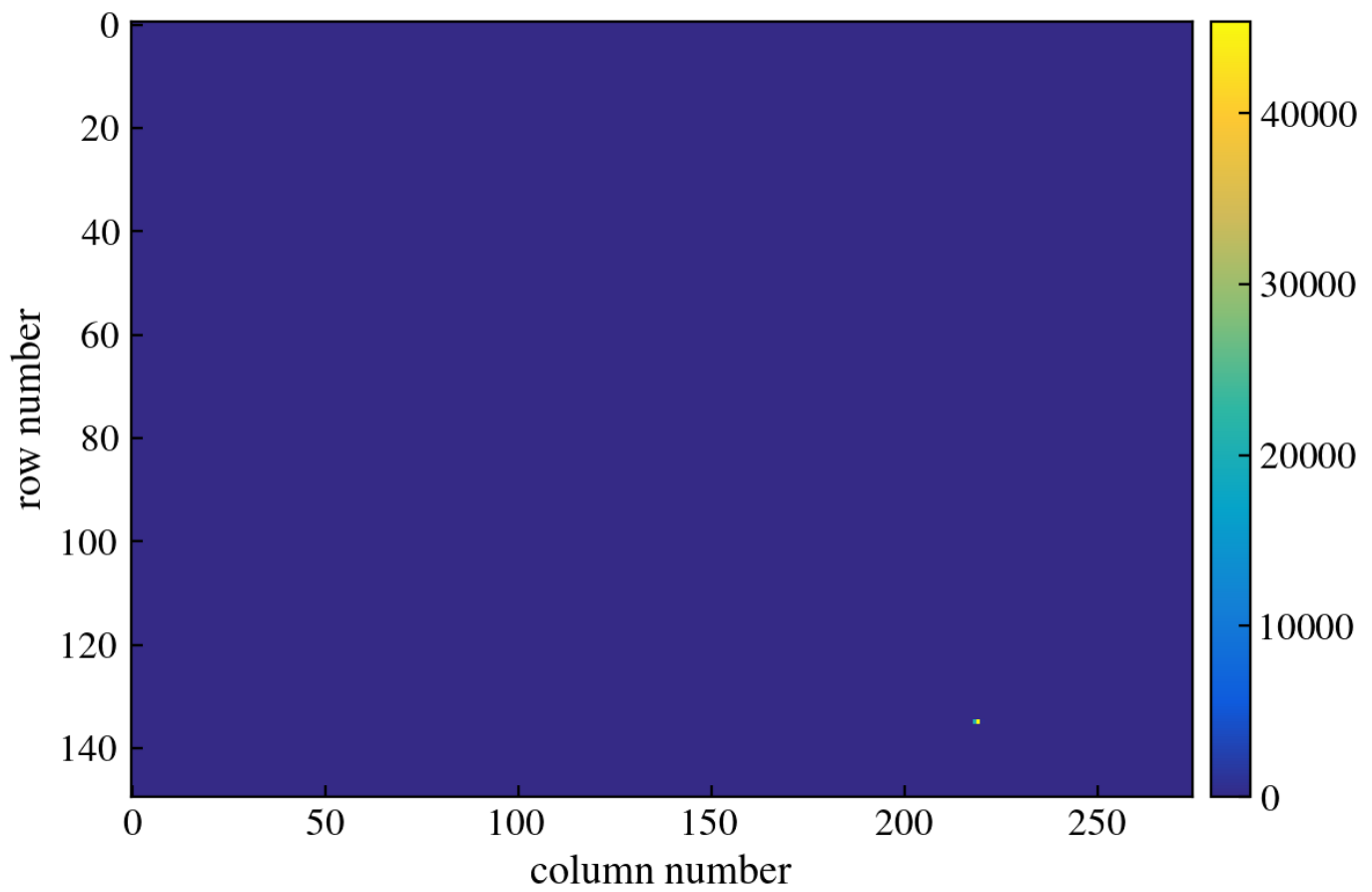


Figure 265: CCD Image

CCD Image: run 490, image 309
[class MECCDImage]

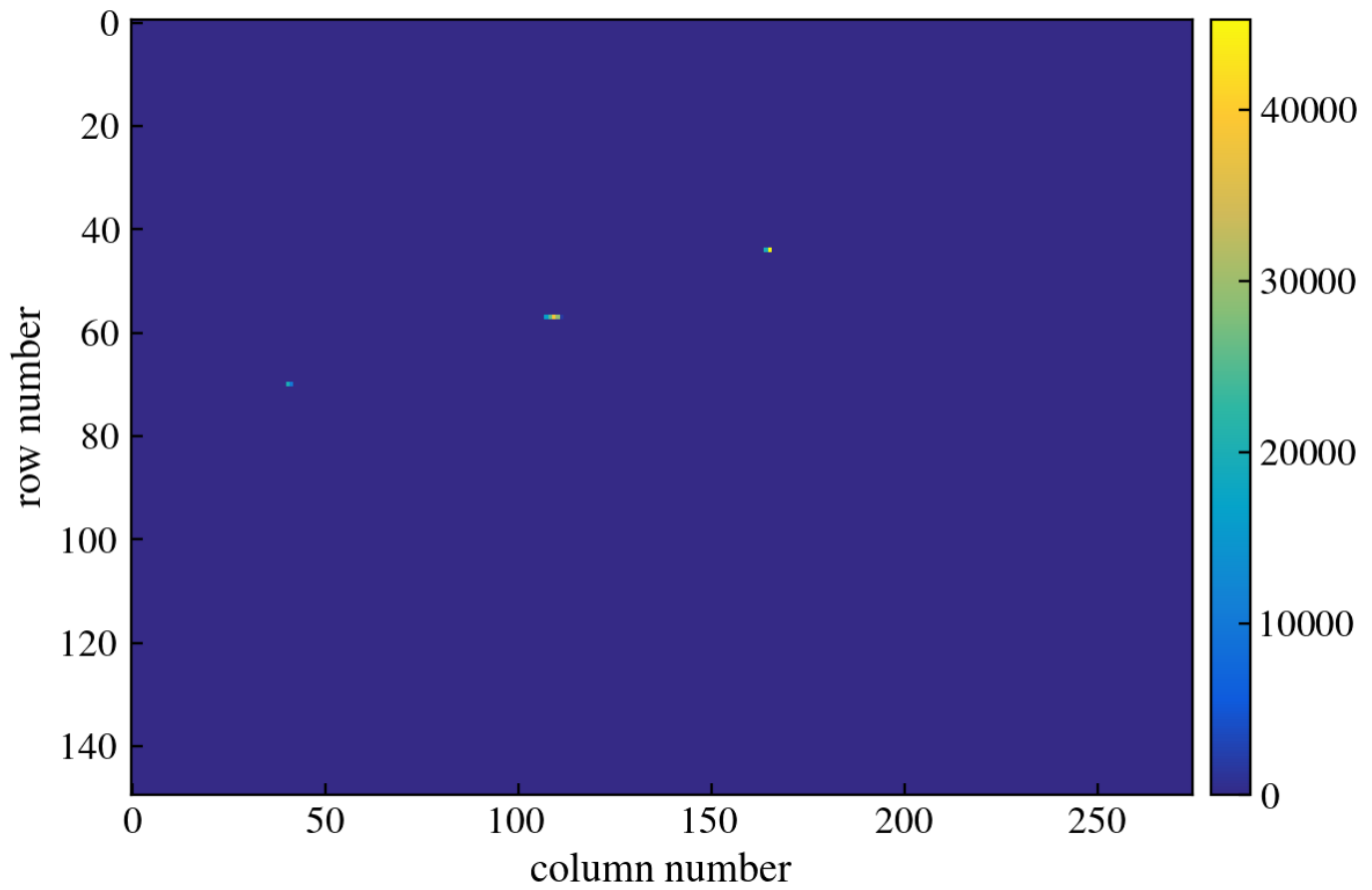


Figure 266: CCD Image

CCD Image: run 490, image 31
[class MECCDImage]

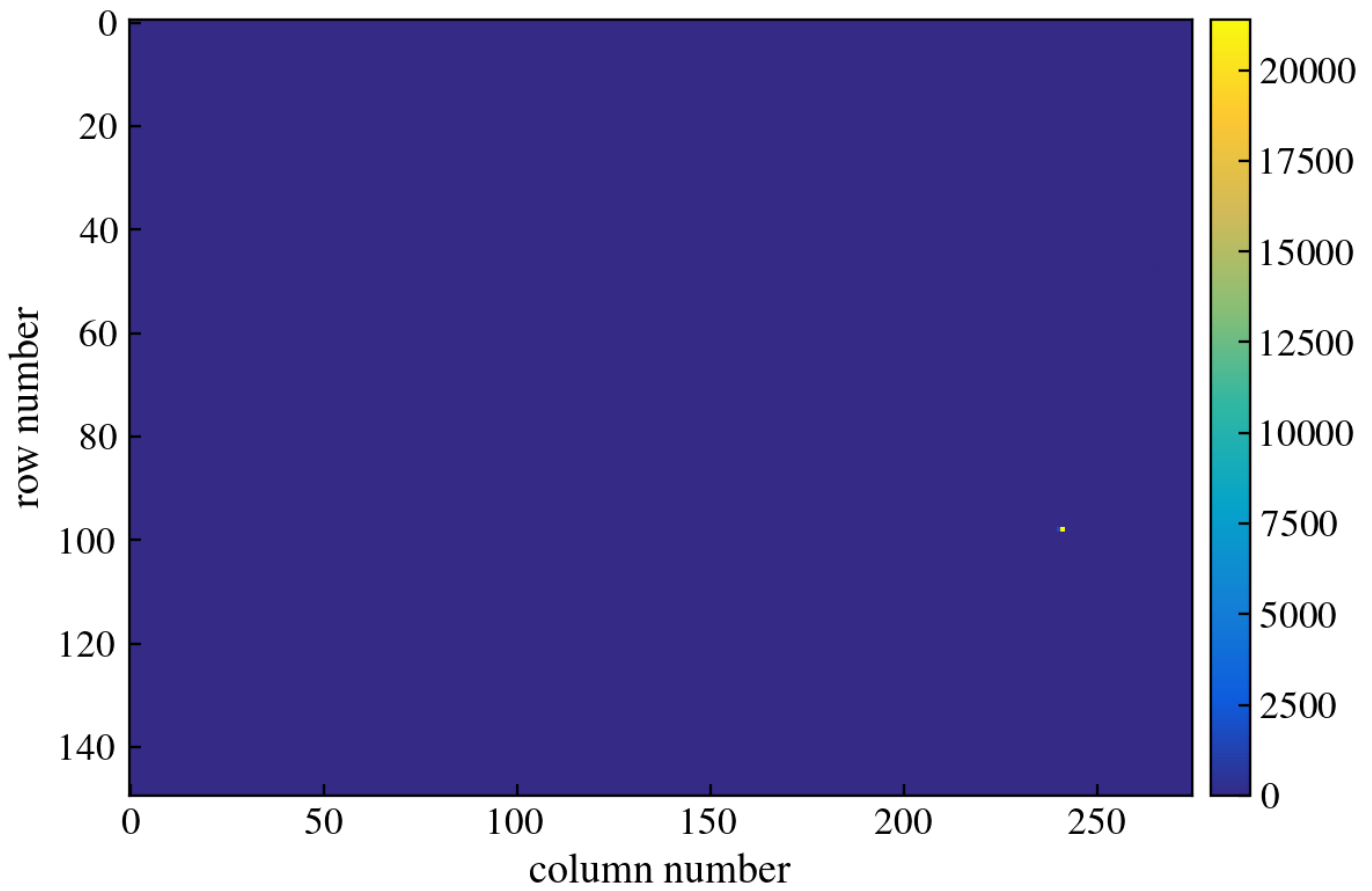


Figure 267: CCD Image

CCD Image: run 490, image 310
[class MECCDImage]

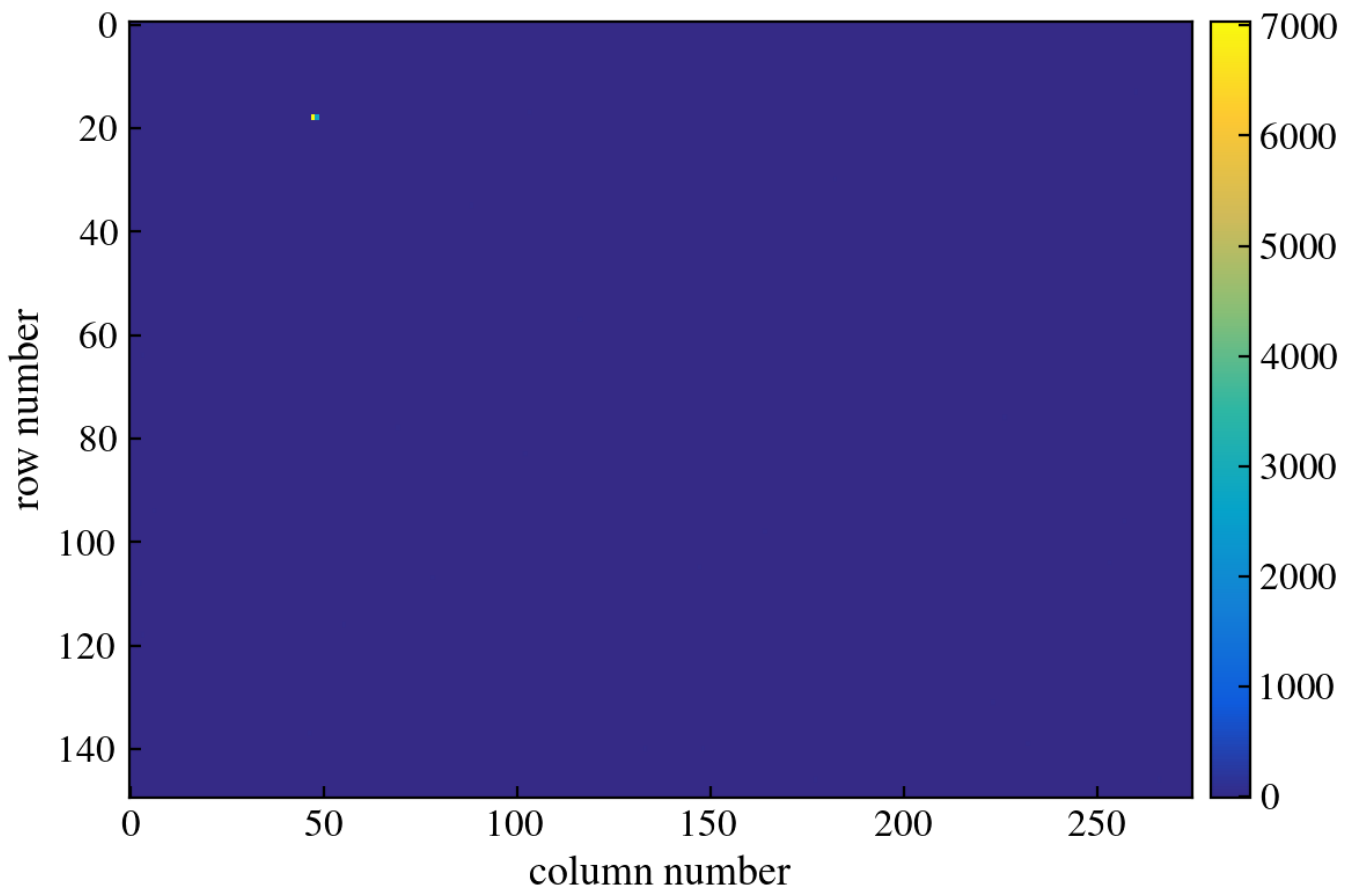


Figure 268: CCD Image

CCD Image: run 490, image 311
[class MECCDImage]

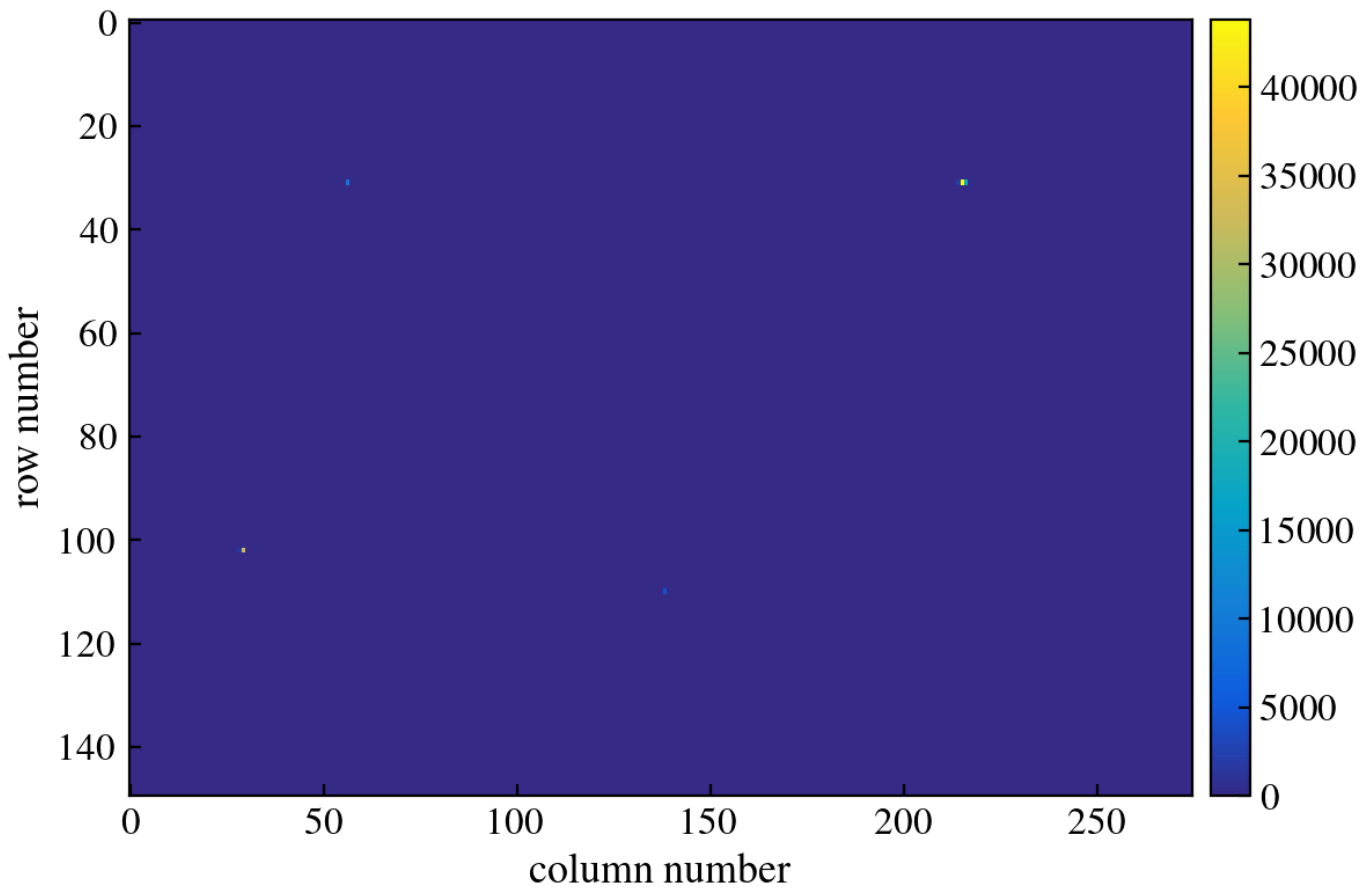


Figure 269: CCD Image

CCD Image: run 490, image 312
[class MECCDImage]

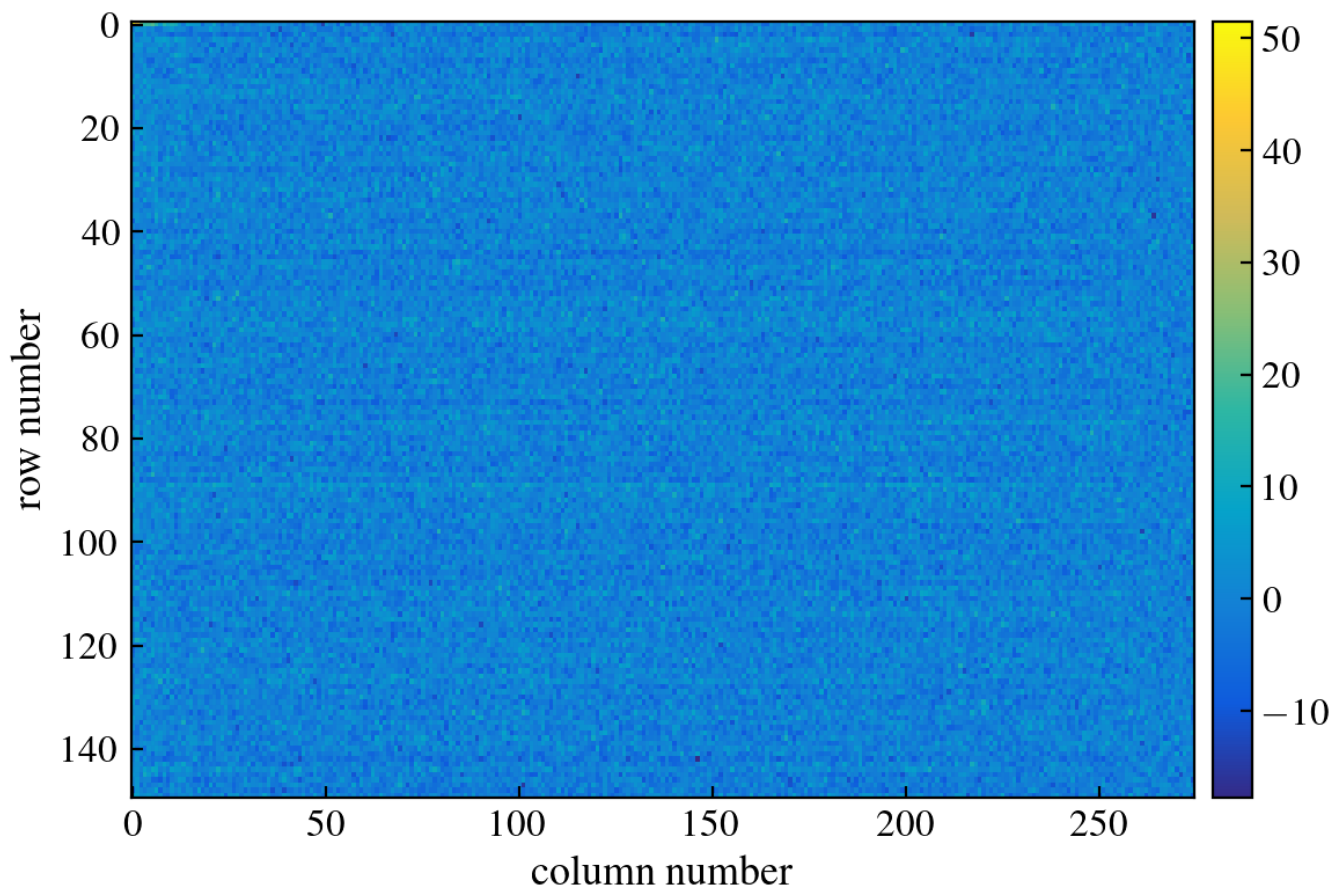


Figure 270: CCD Image

CCD Image: run 490, image 313
[class MECCDImage]

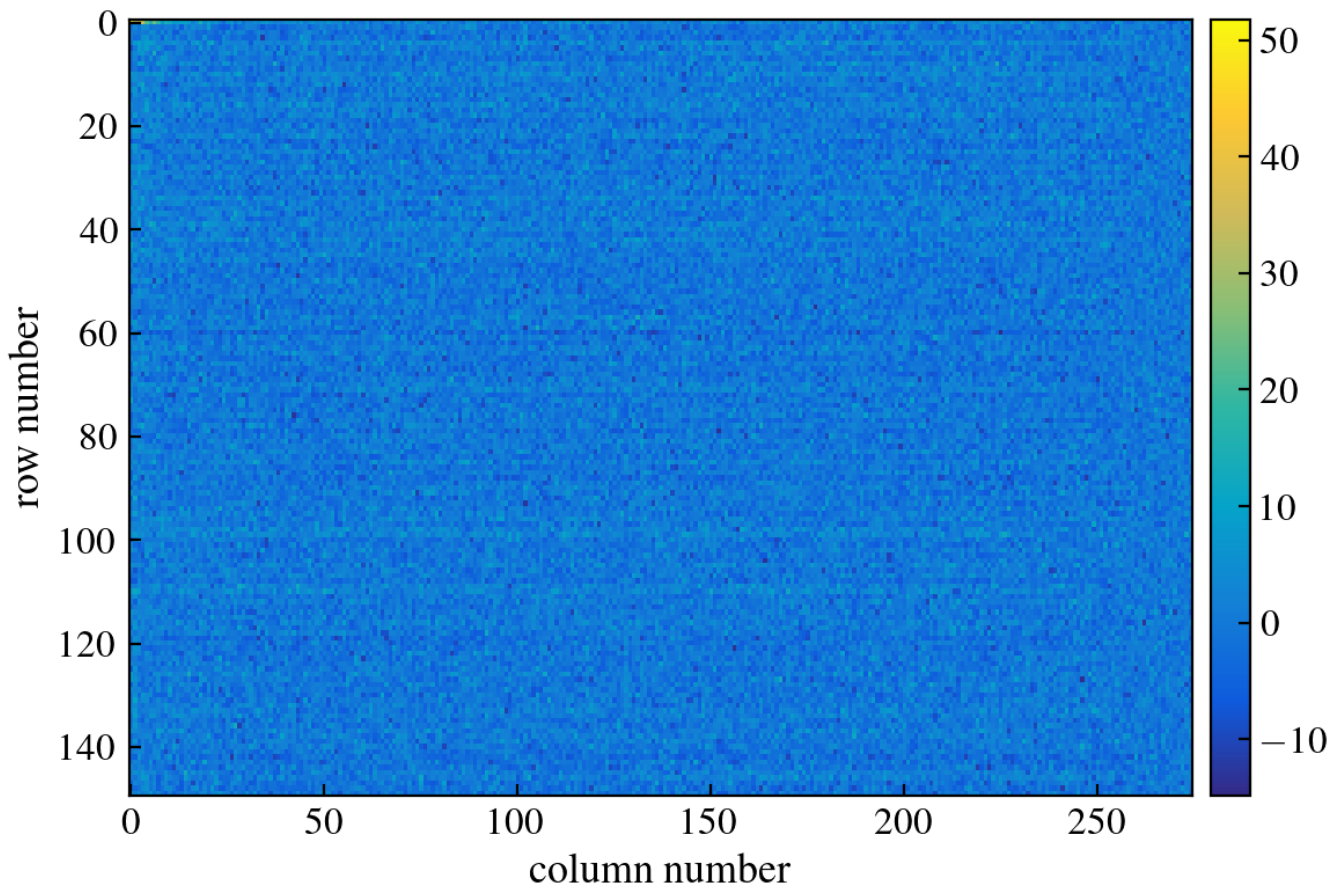


Figure 271: CCD Image

CCD Image: run 490, image 314
[class MECCDImage]

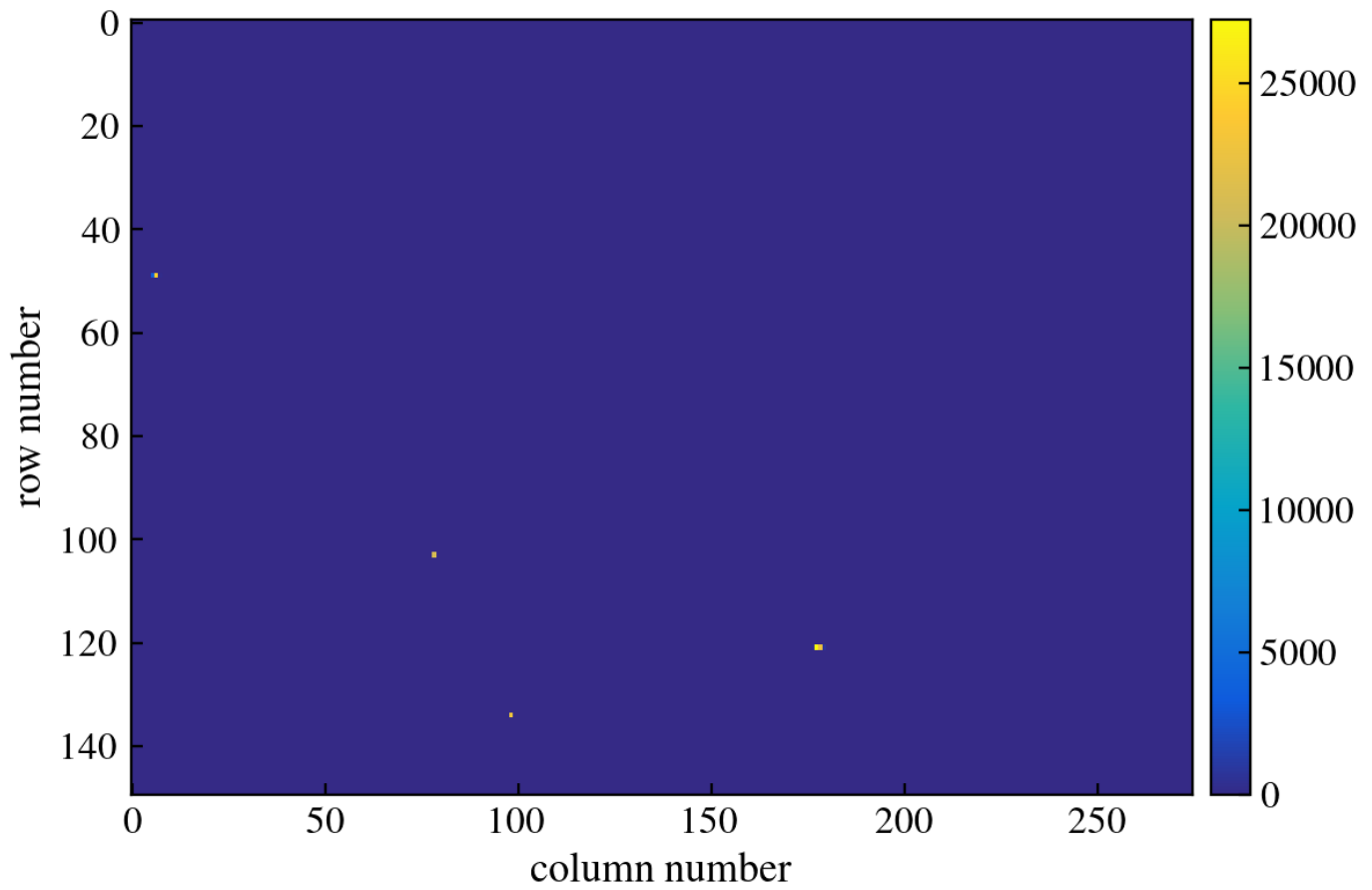


Figure 272: CCD Image

CCD Image: run 490, image 315
[class MECCDImage]

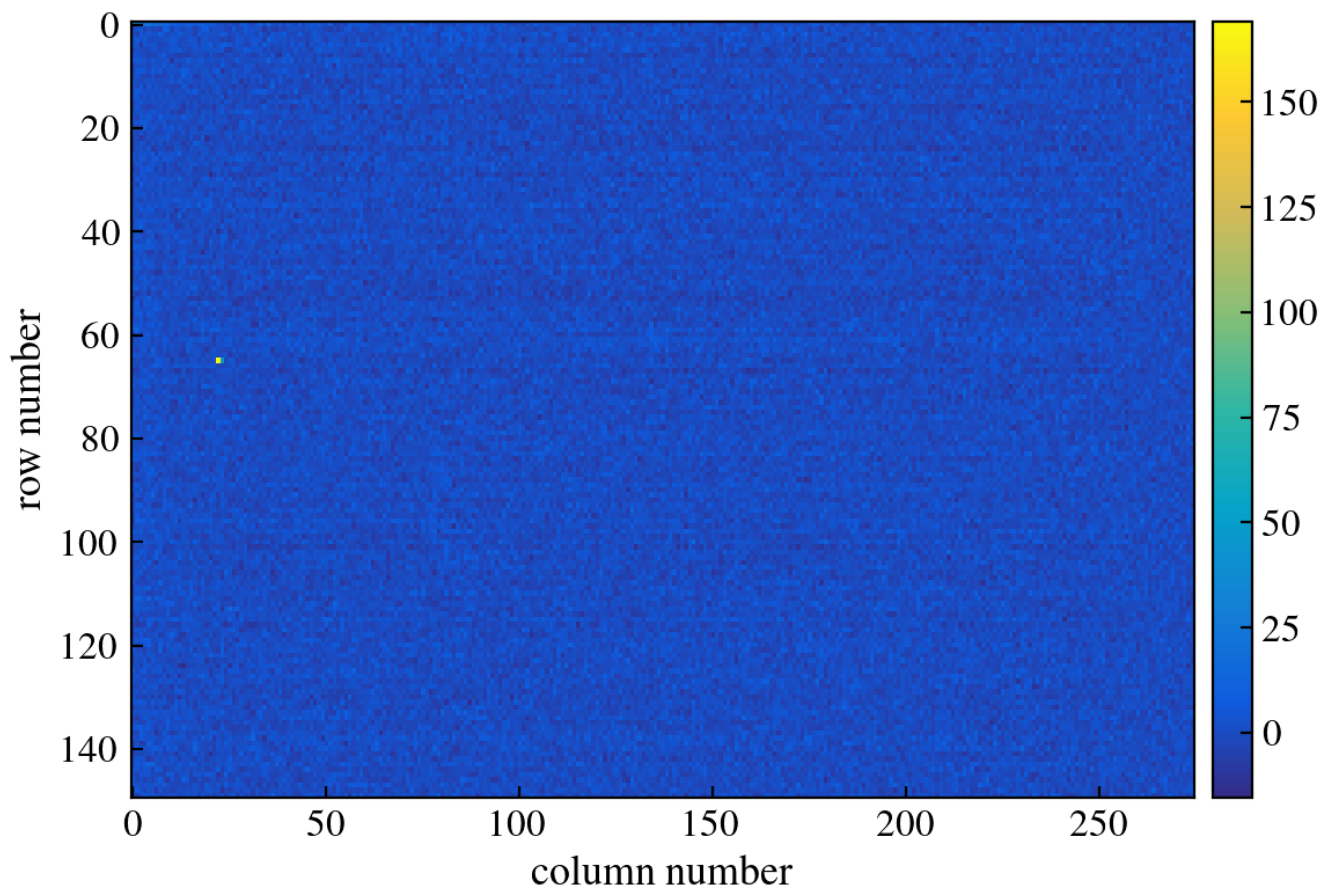


Figure 273: CCD Image

CCD Image: run 490, image 316
[class MECCDImage]

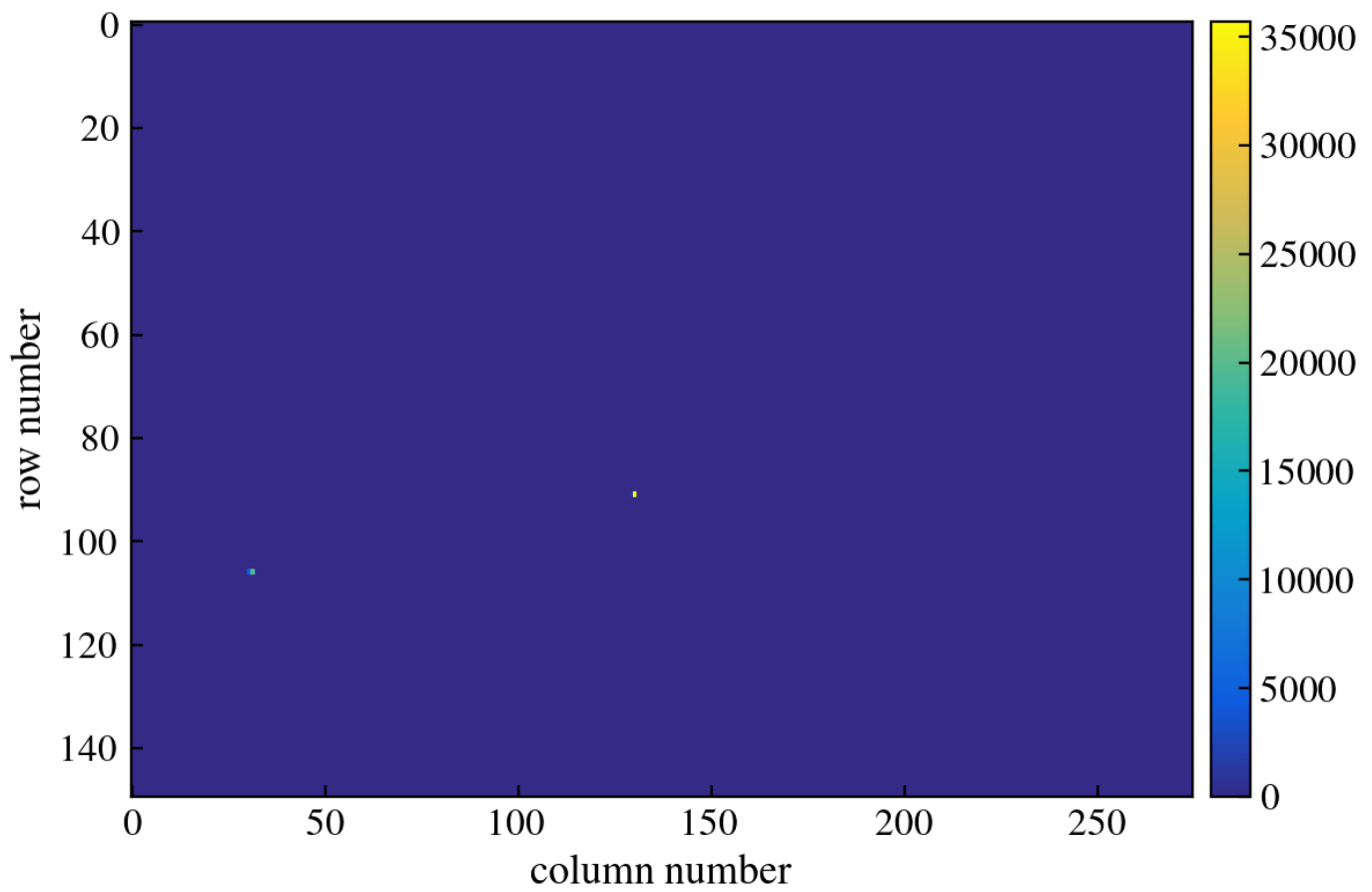


Figure 274: CCD Image

CCD Image: run 490, image 317
[class MECCDImage]

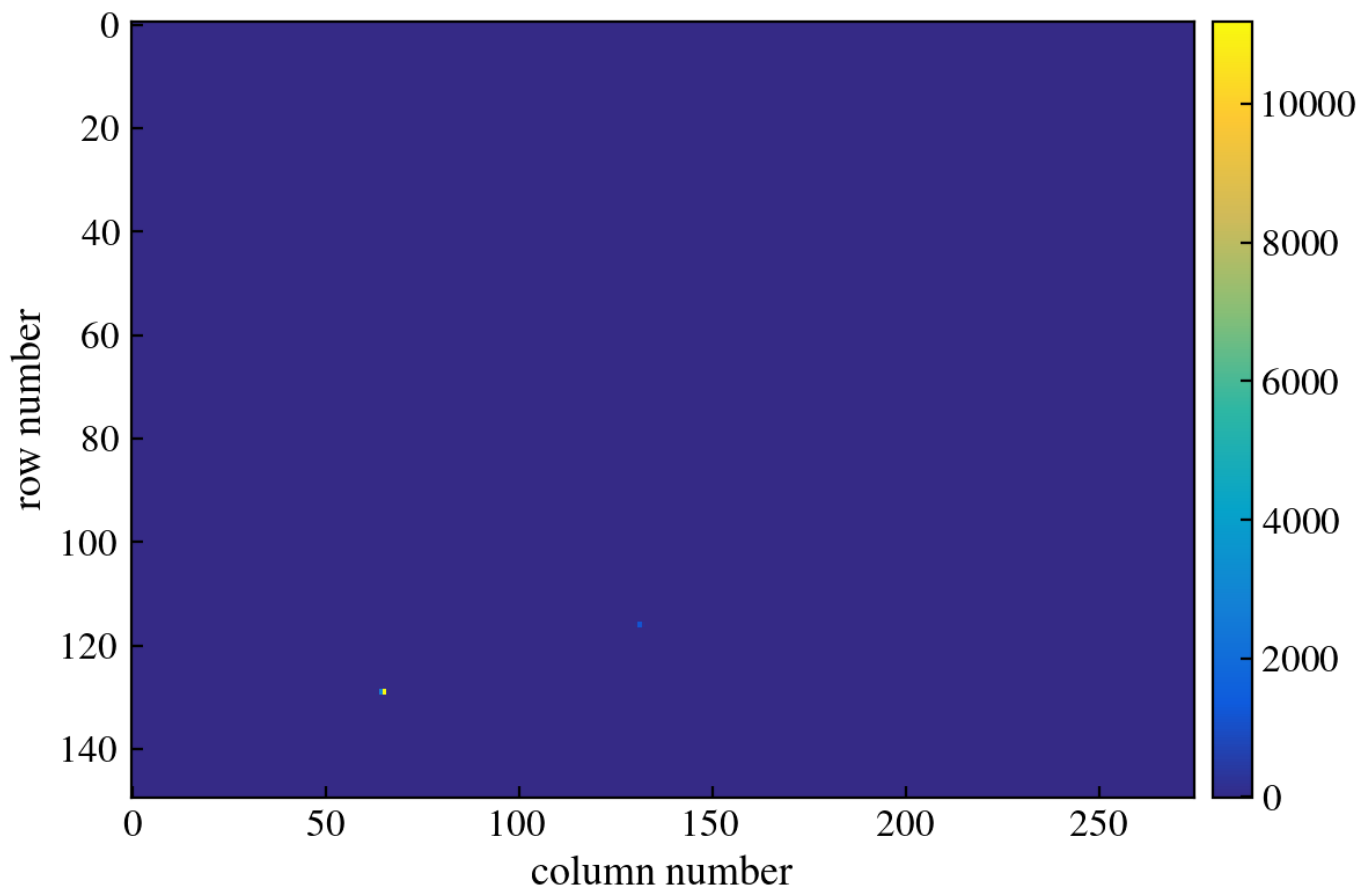


Figure 275: CCD Image

CCD Image: run 490, image 318
[class MECCDImage]

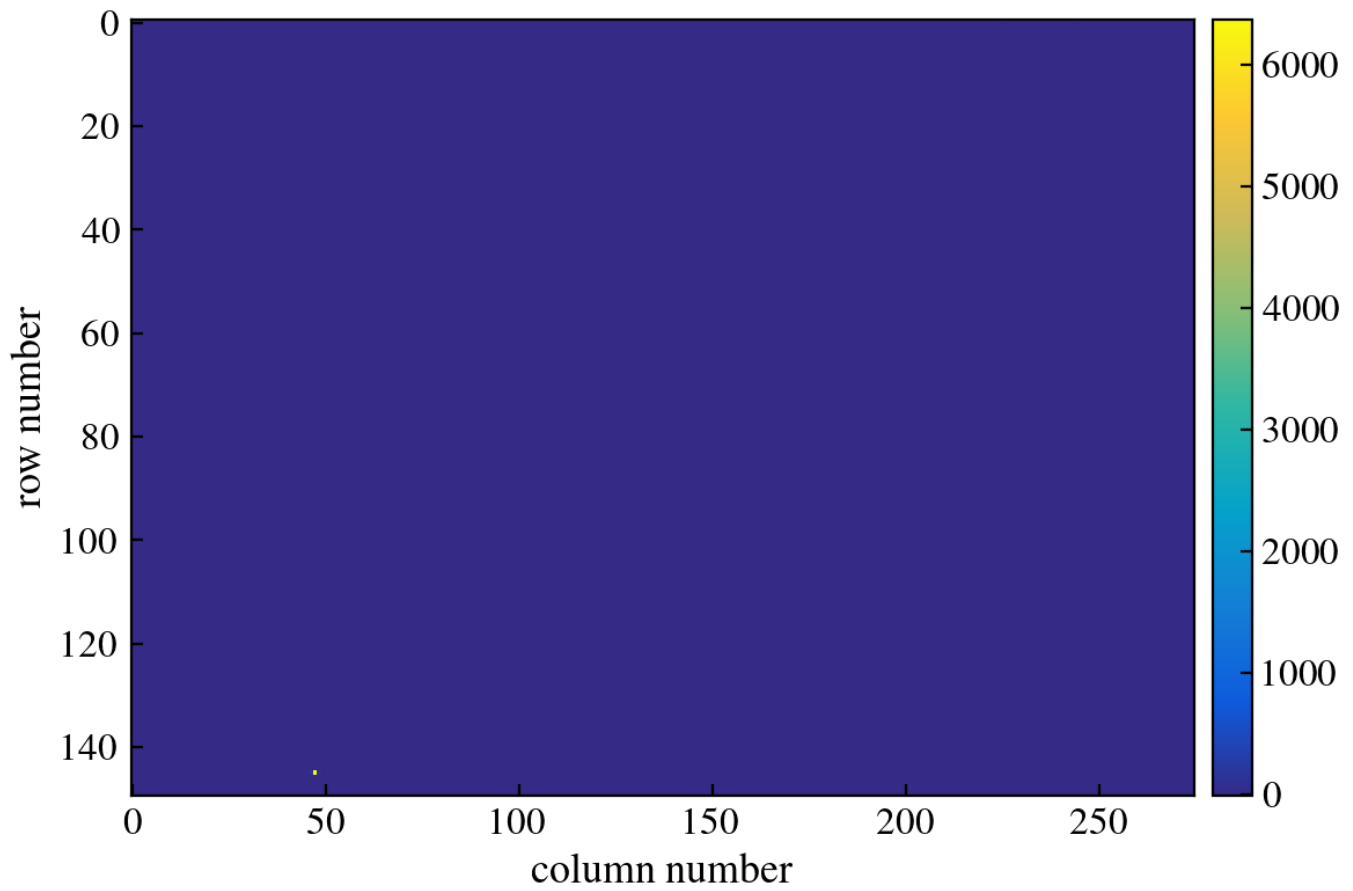


Figure 276: CCD Image

CCD Image: run 490, image 319
[class MECCDImage]

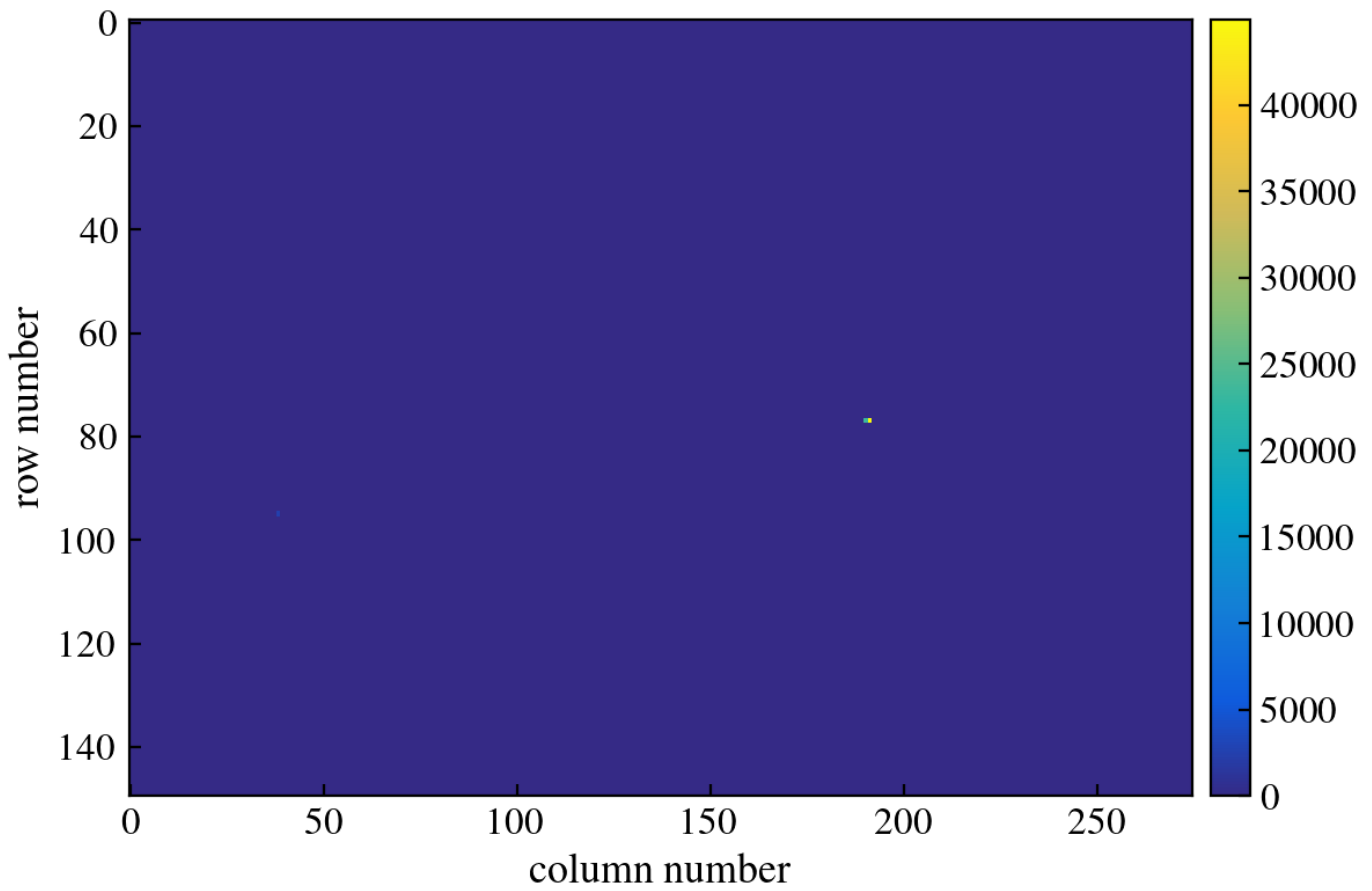


Figure 277: CCD Image

CCD Image: run 490, image 32
[class MECCDImage]

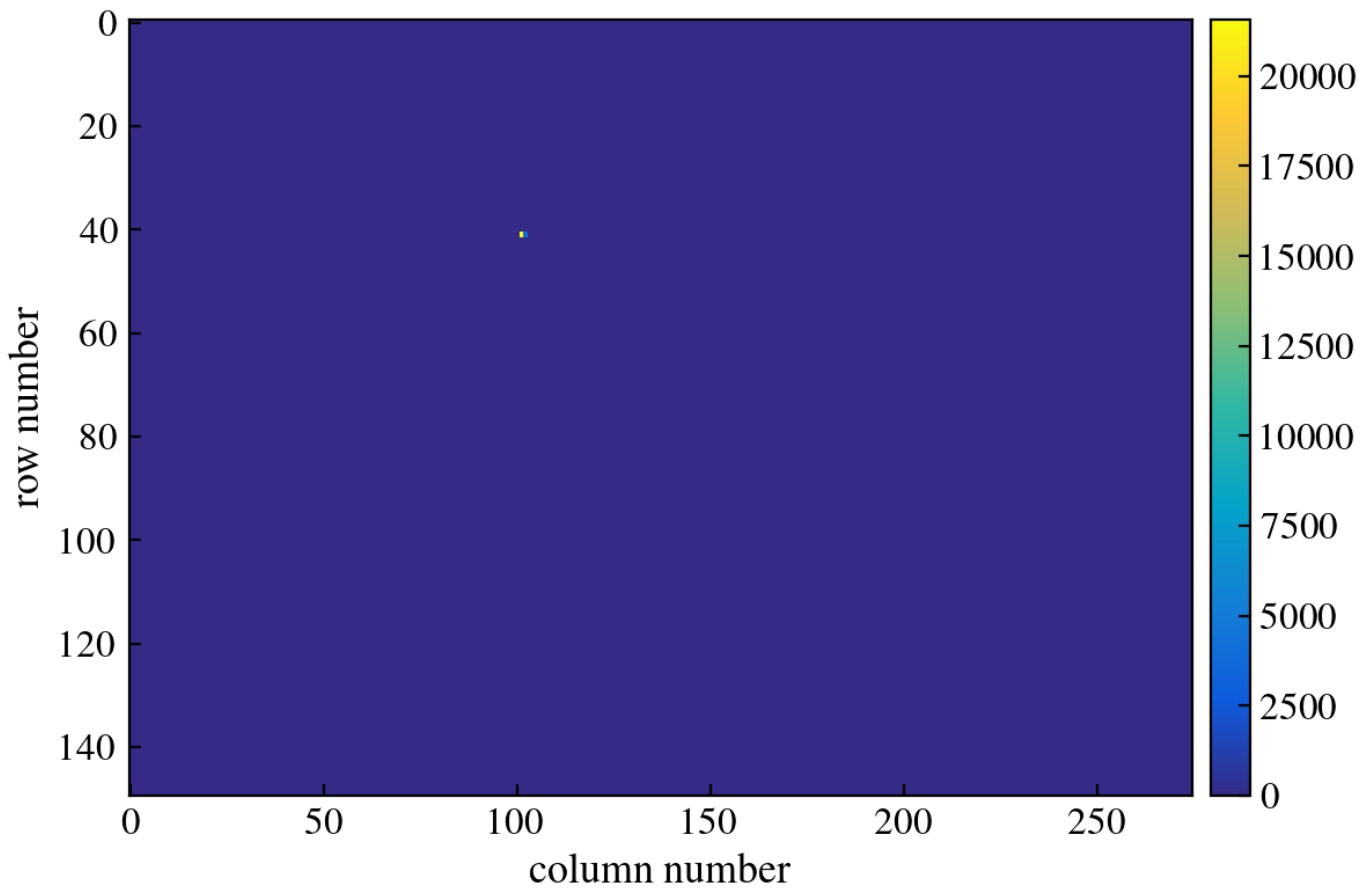


Figure 278: CCD Image

CCD Image: run 490, image 320
[class MECCDImage]

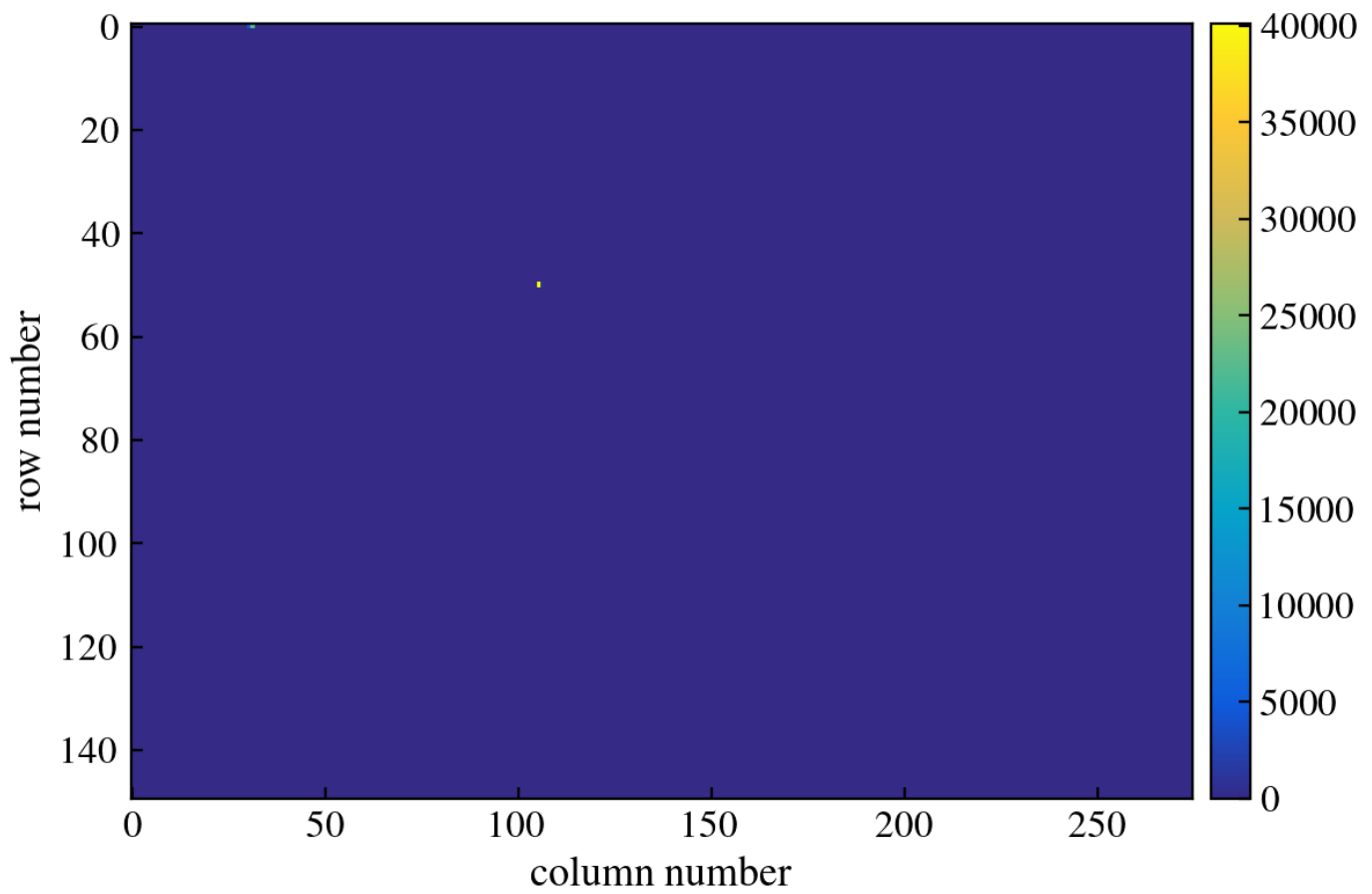


Figure 279: CCD Image

CCD Image: run 490, image 321
[class MECCDImage]

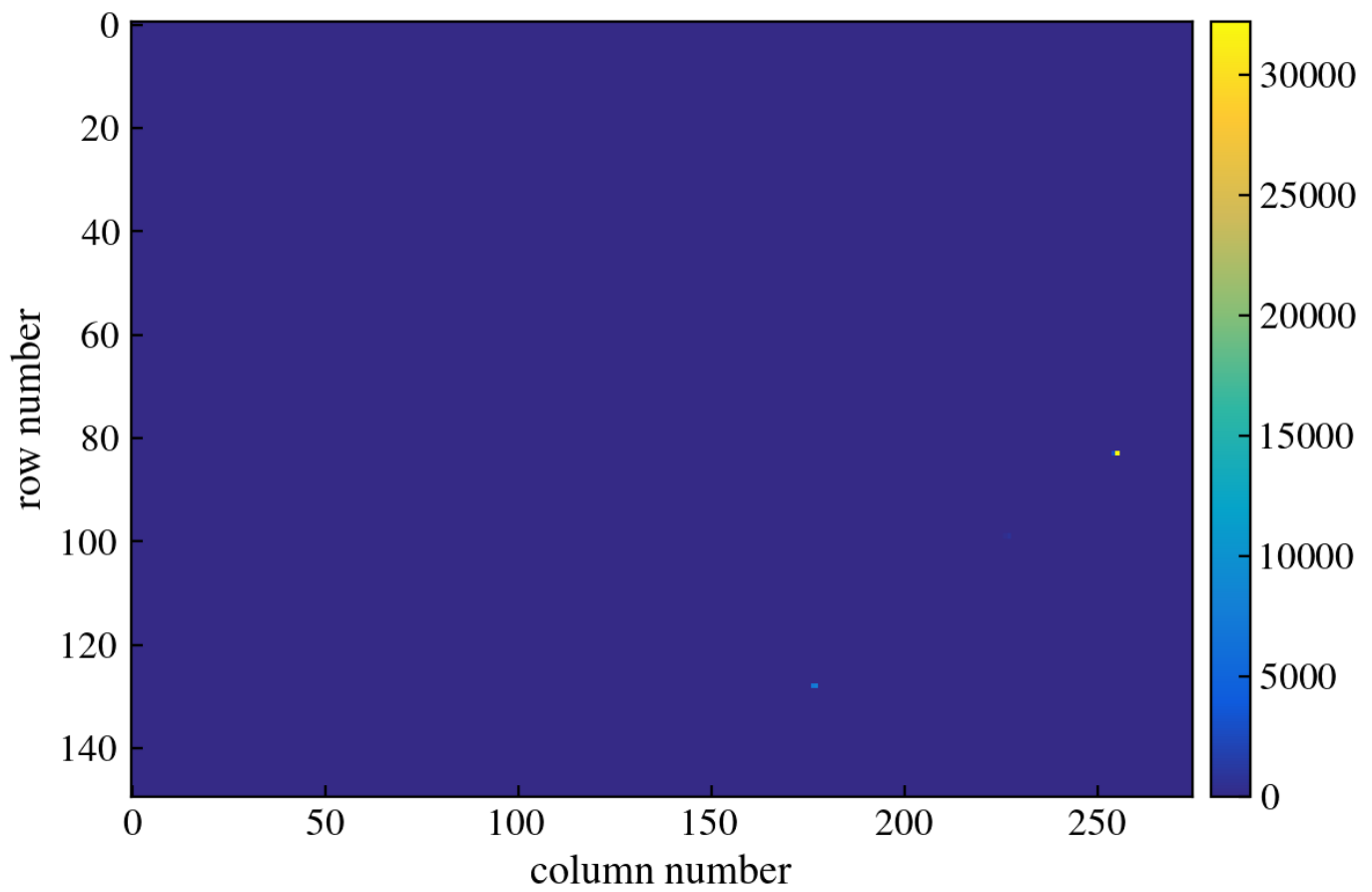


Figure 280: CCD Image

CCD Image: run 490, image 322
[class MECCDImage]

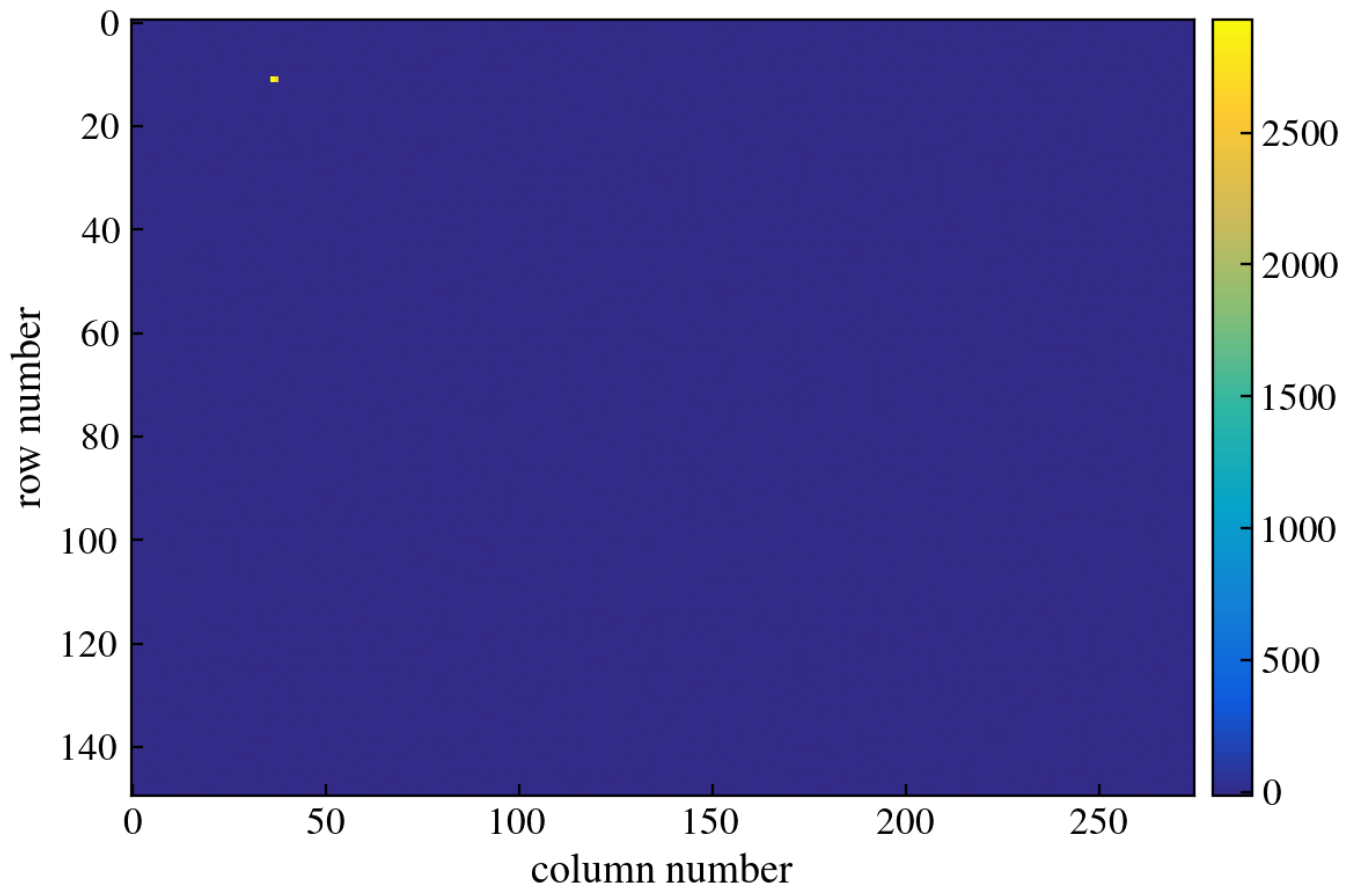


Figure 281: CCD Image

CCD Image: run 490, image 323
[class MECCDImage]

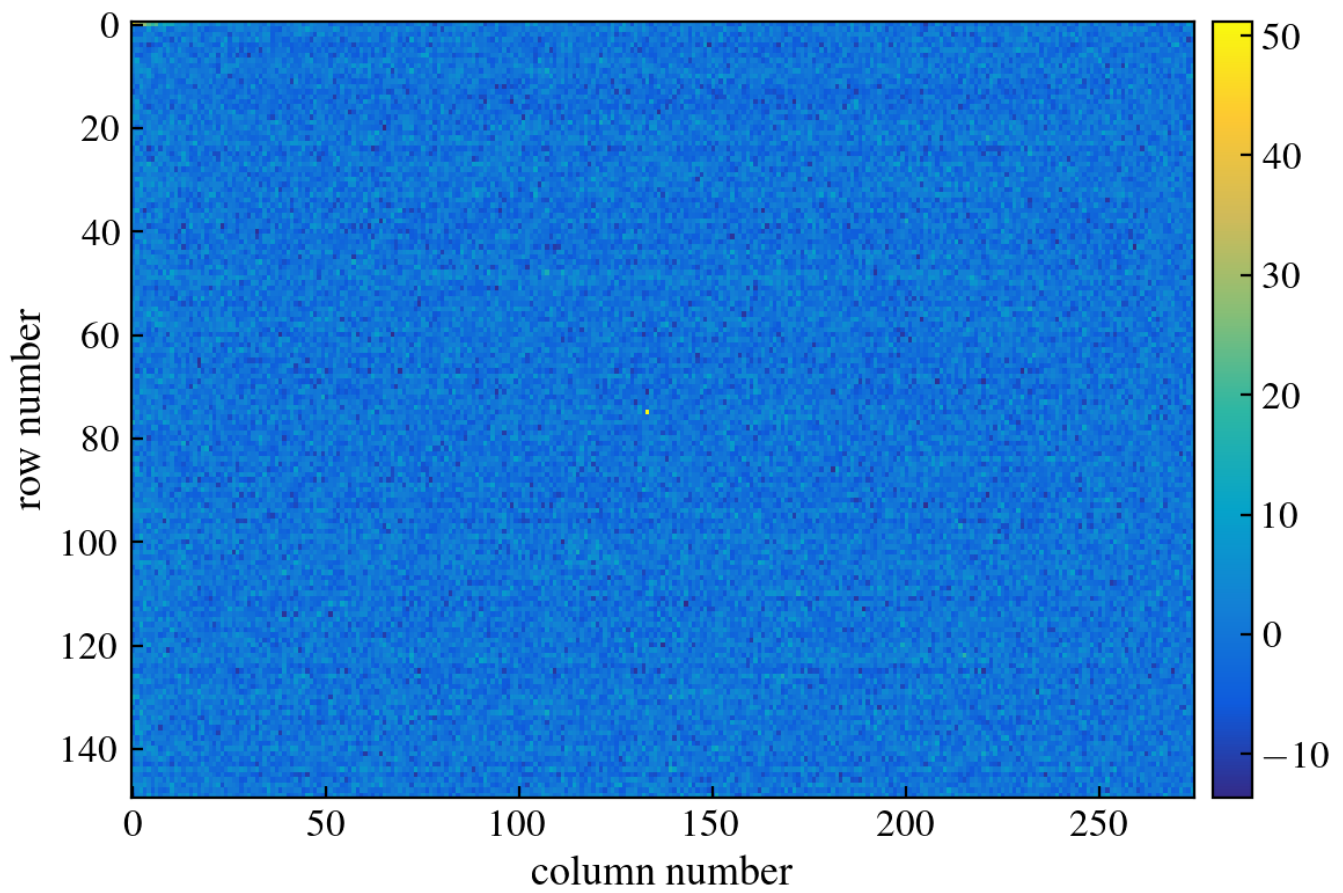


Figure 282: CCD Image

CCD Image: run 490, image 324
[class MECCDImage]

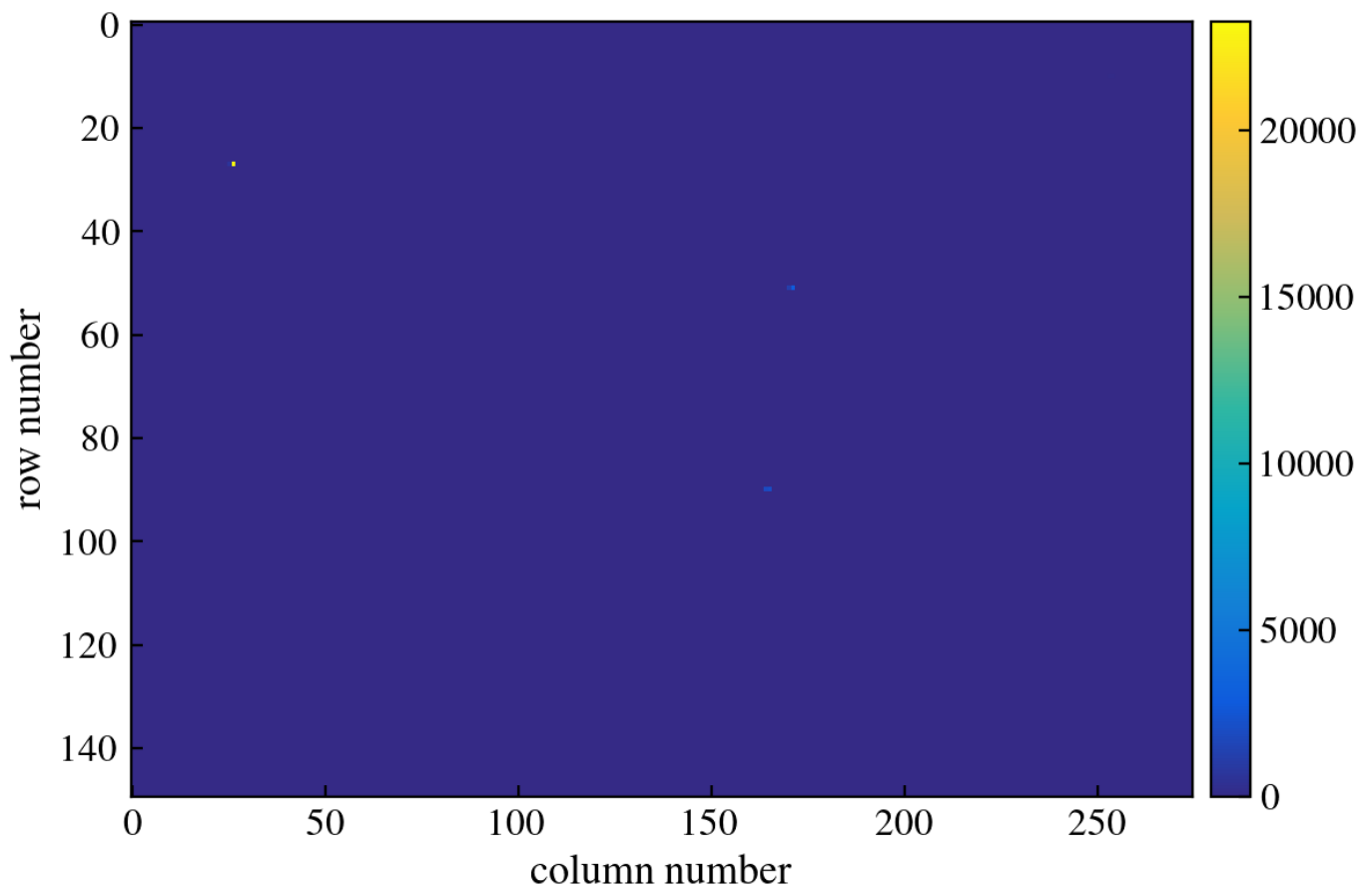


Figure 283: CCD Image

CCD Image: run 490, image 325
[class MECCDImage]

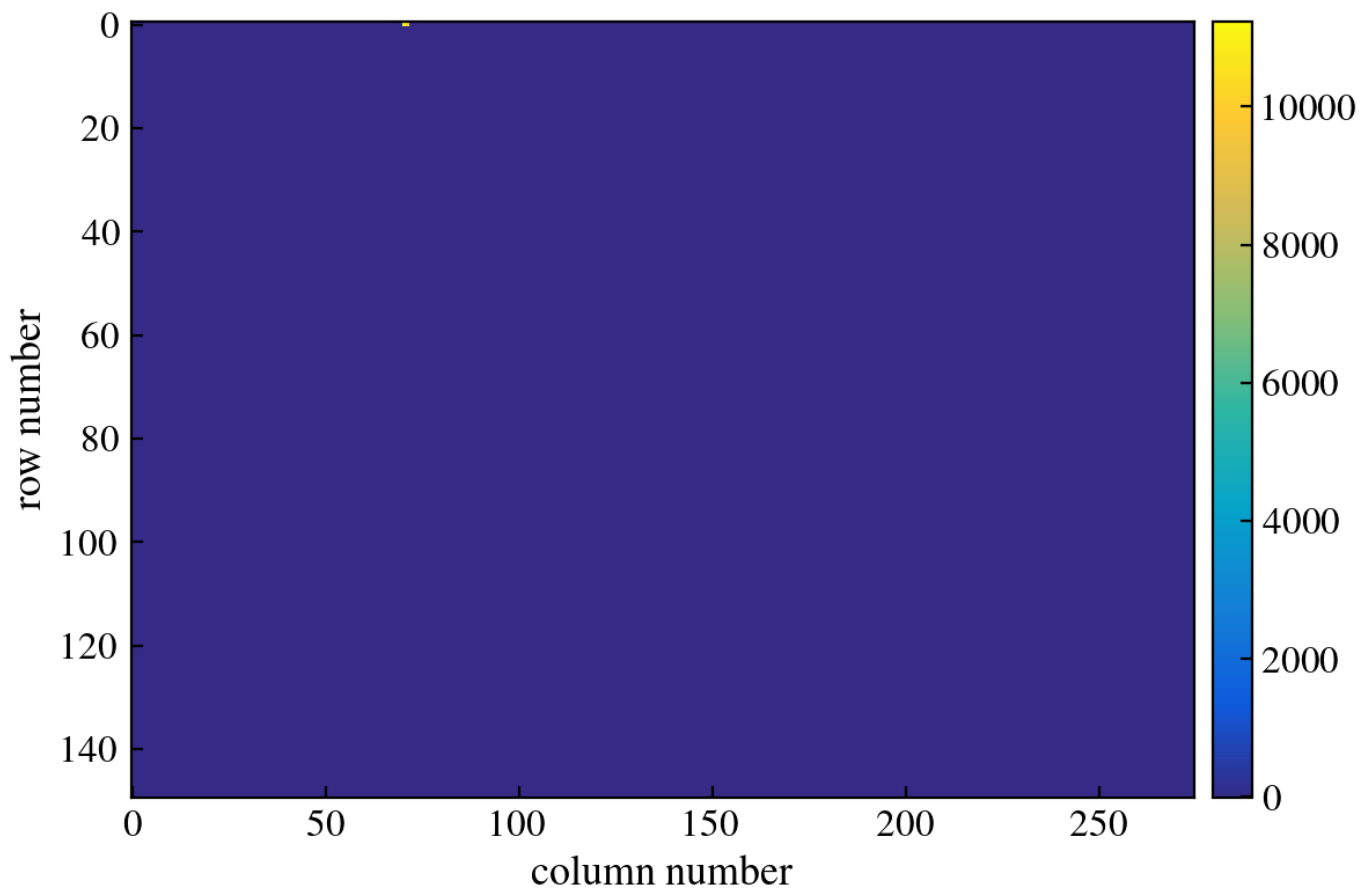


Figure 284: CCD Image

CCD Image: run 490, image 326
[class MECCDImage]

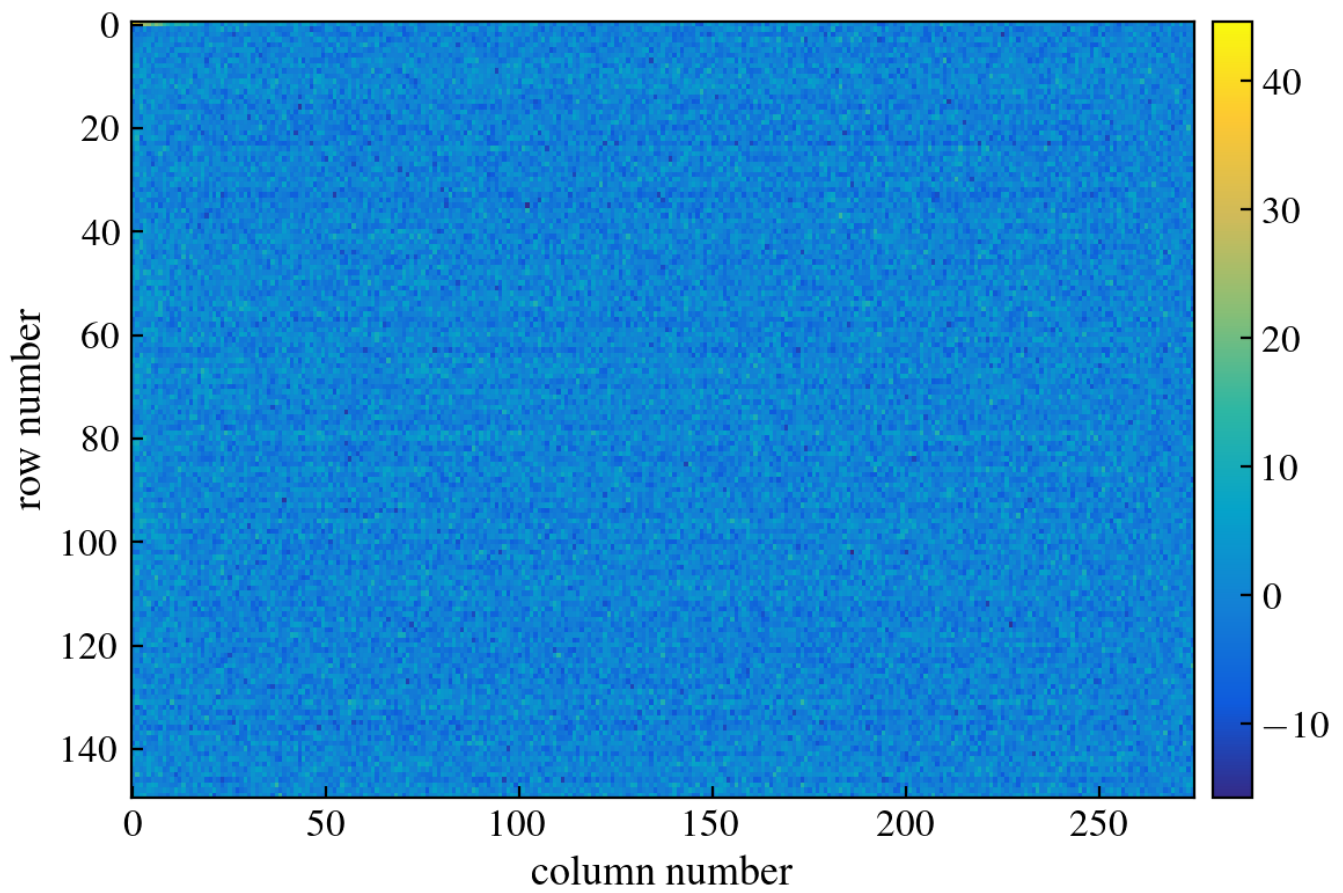


Figure 285: CCD Image

CCD Image: run 490, image 327
[class MECCDImage]

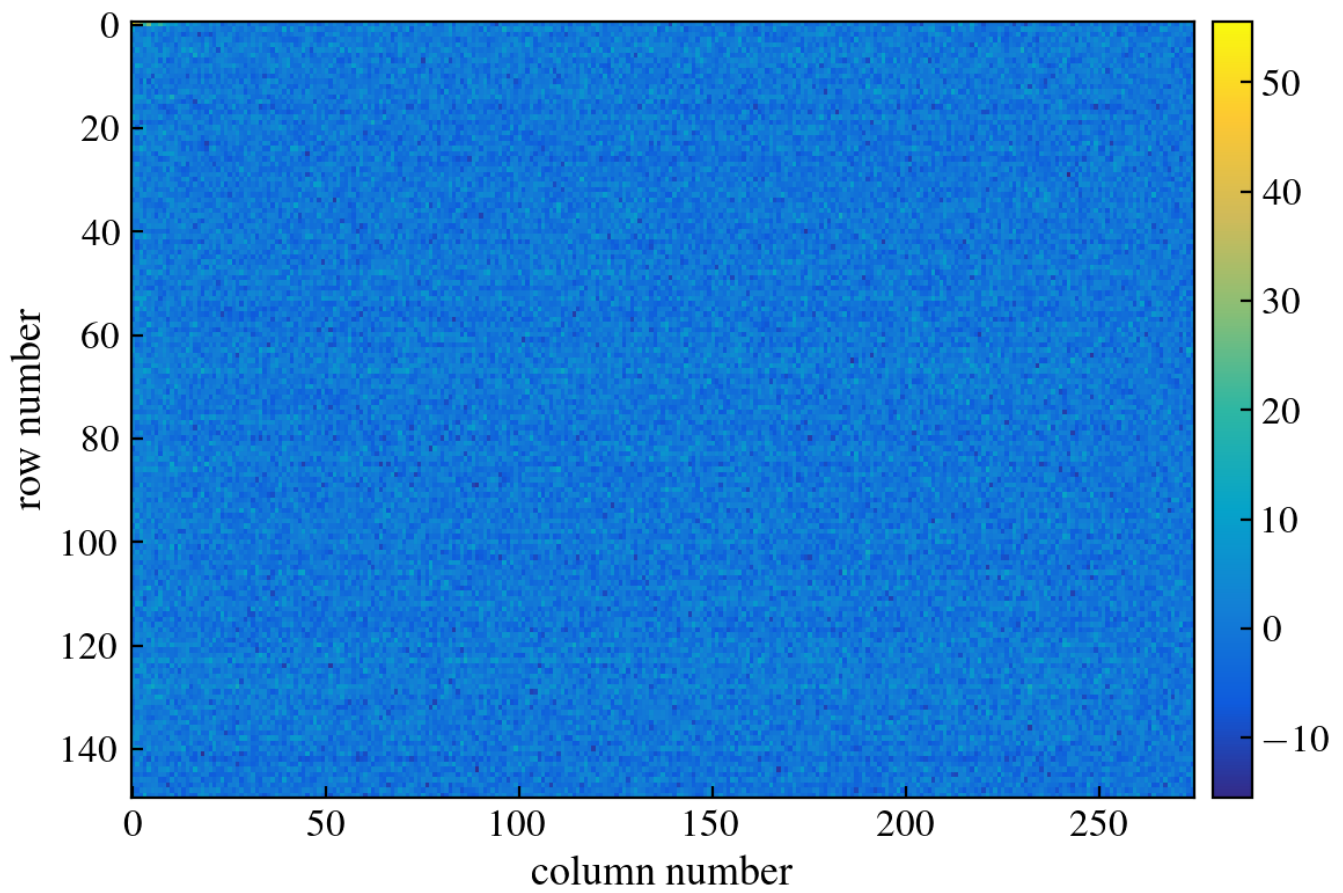


Figure 286: CCD Image

CCD Image: run 490, image 328
[class MECCDImage]

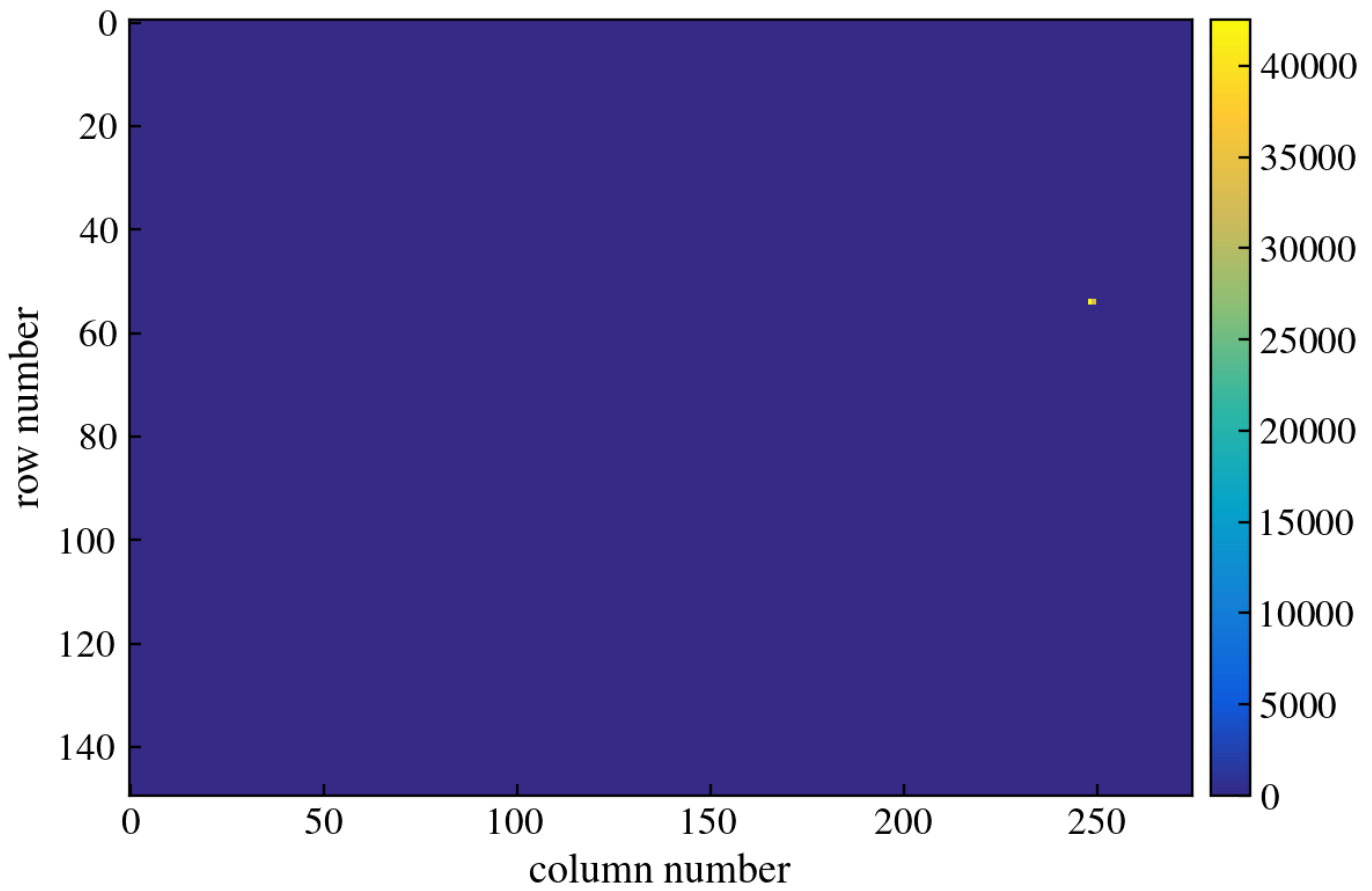


Figure 287: CCD Image

CCD Image: run 490, image 329
[class MECCDImage]

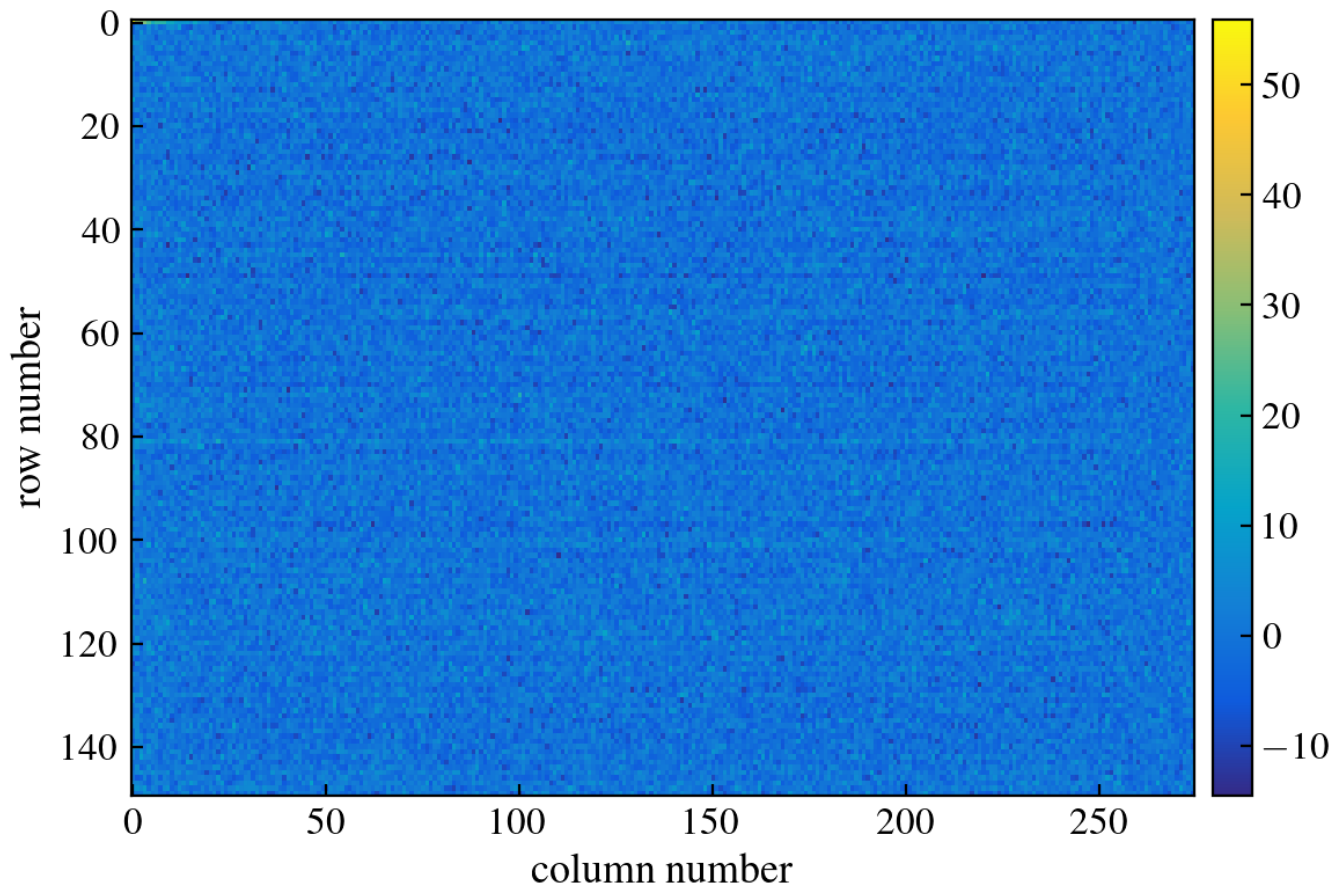


Figure 288: CCD Image

CCD Image: run 490, image 33
[class MECCDImage]

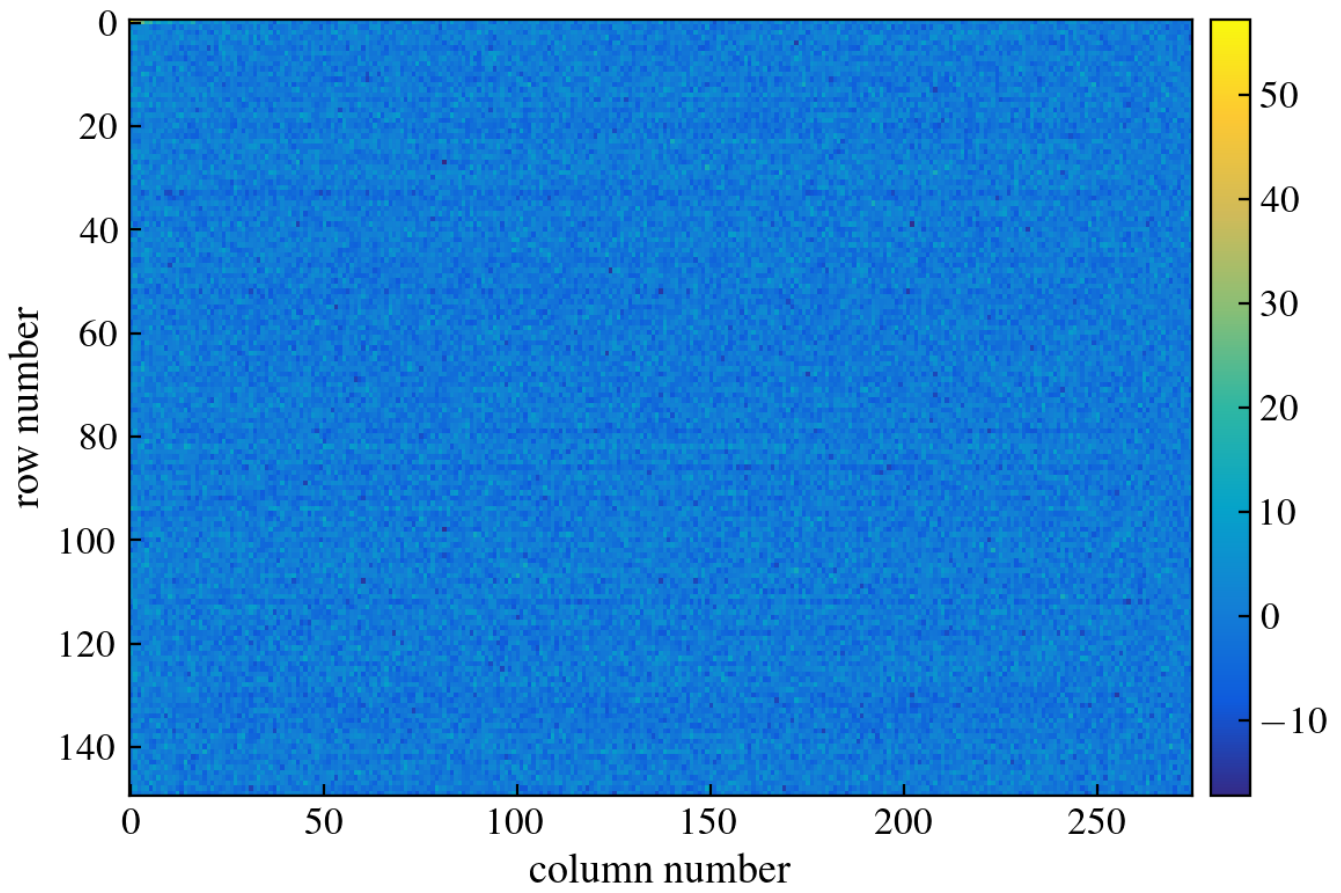


Figure 289: CCD Image

CCD Image: run 490, image 330
[class MECCDImage]

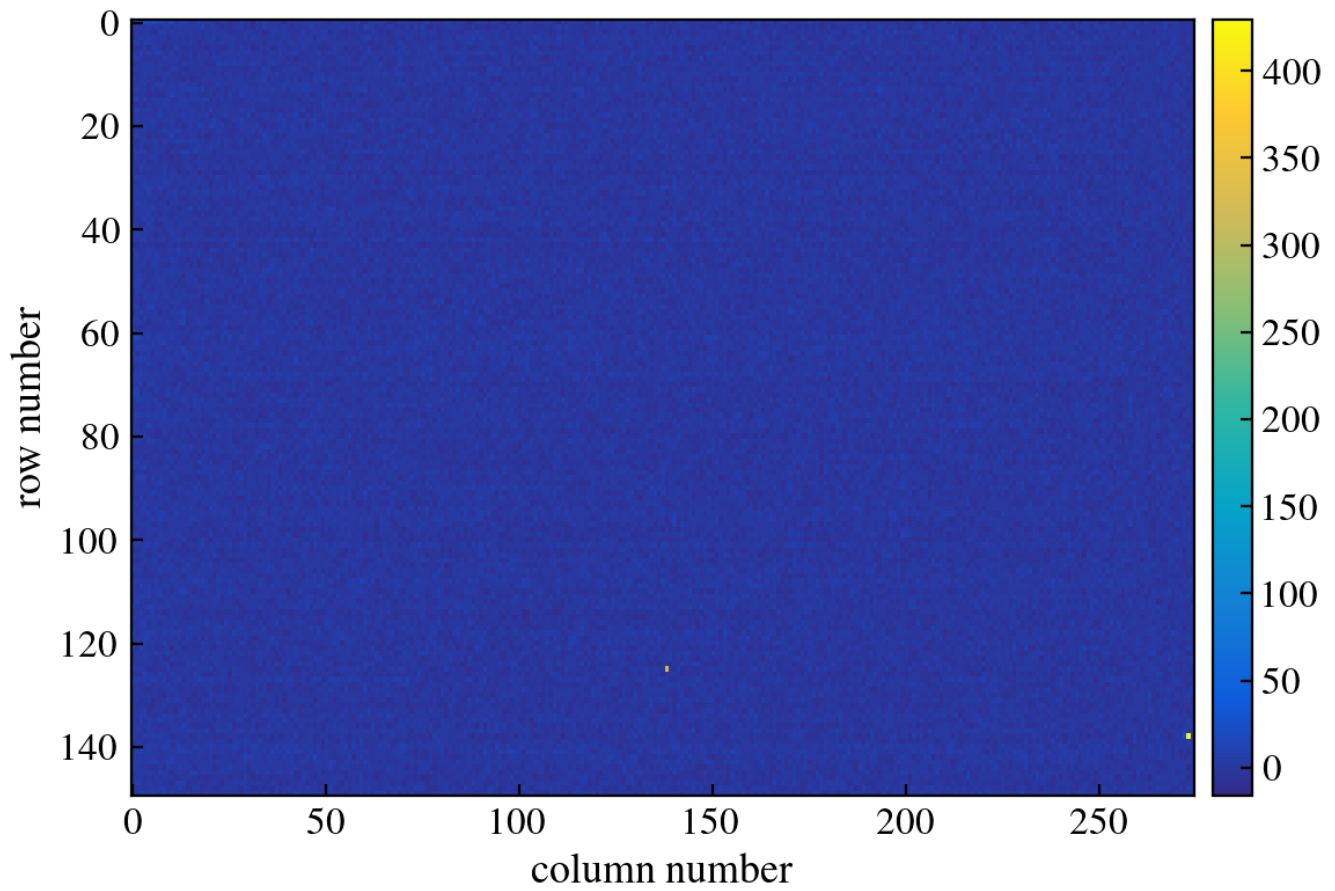


Figure 290: CCD Image

CCD Image: run 490, image 331
[class MECCDImage]

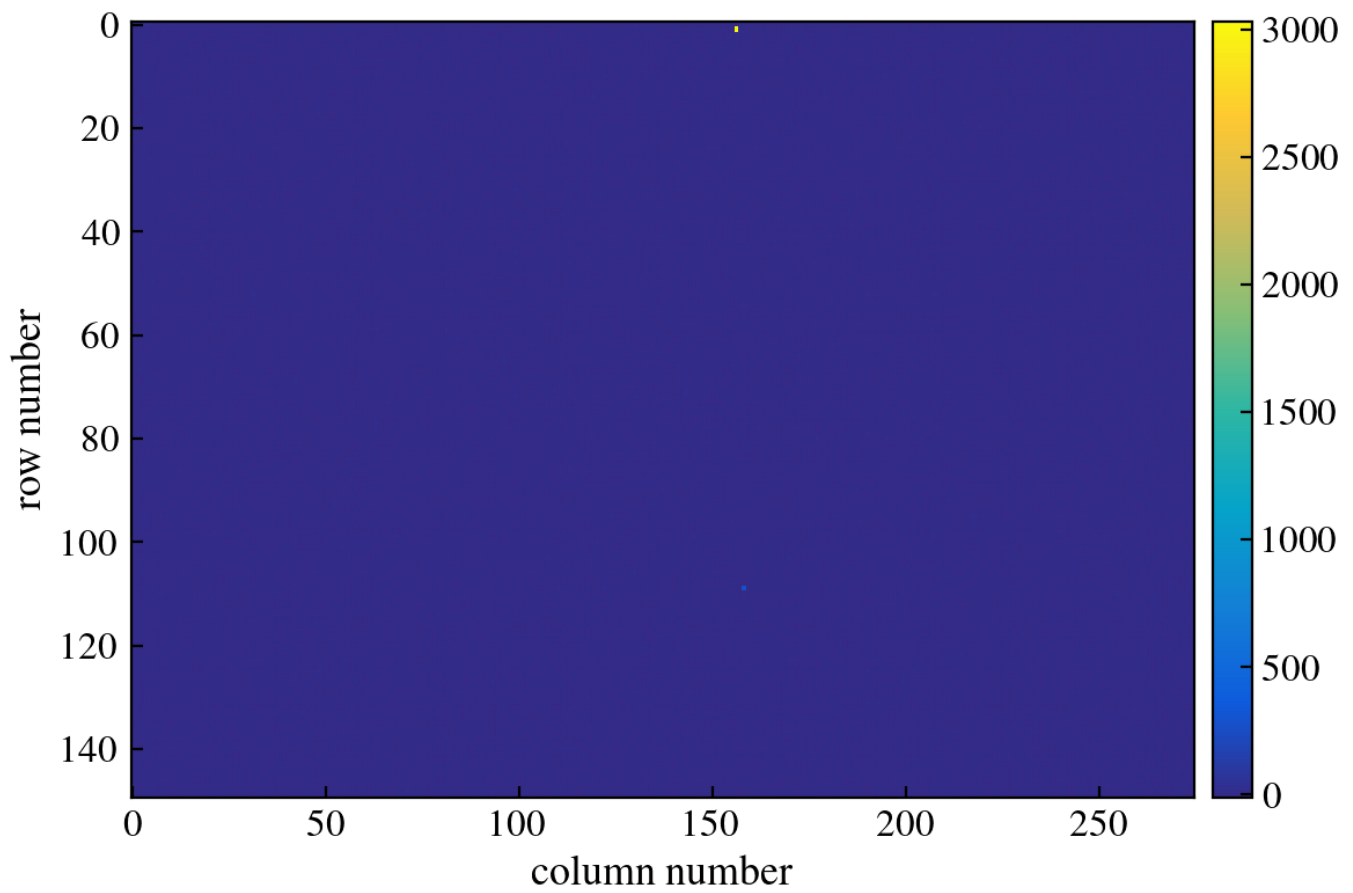


Figure 291: CCD Image

CCD Image: run 490, image 332
[class MECCDImage]

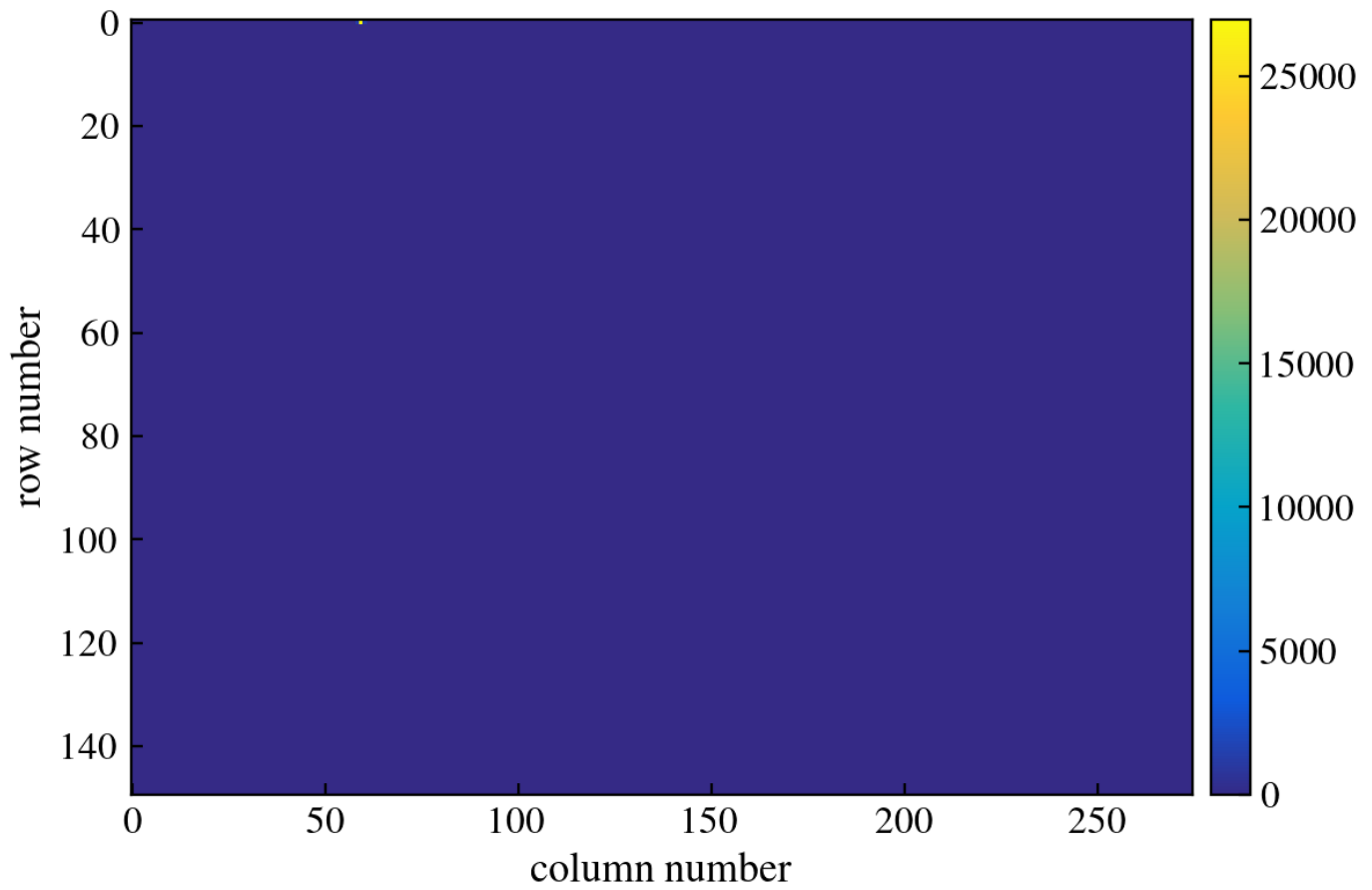


Figure 292: CCD Image

CCD Image: run 490, image 333
[class MECCDImage]

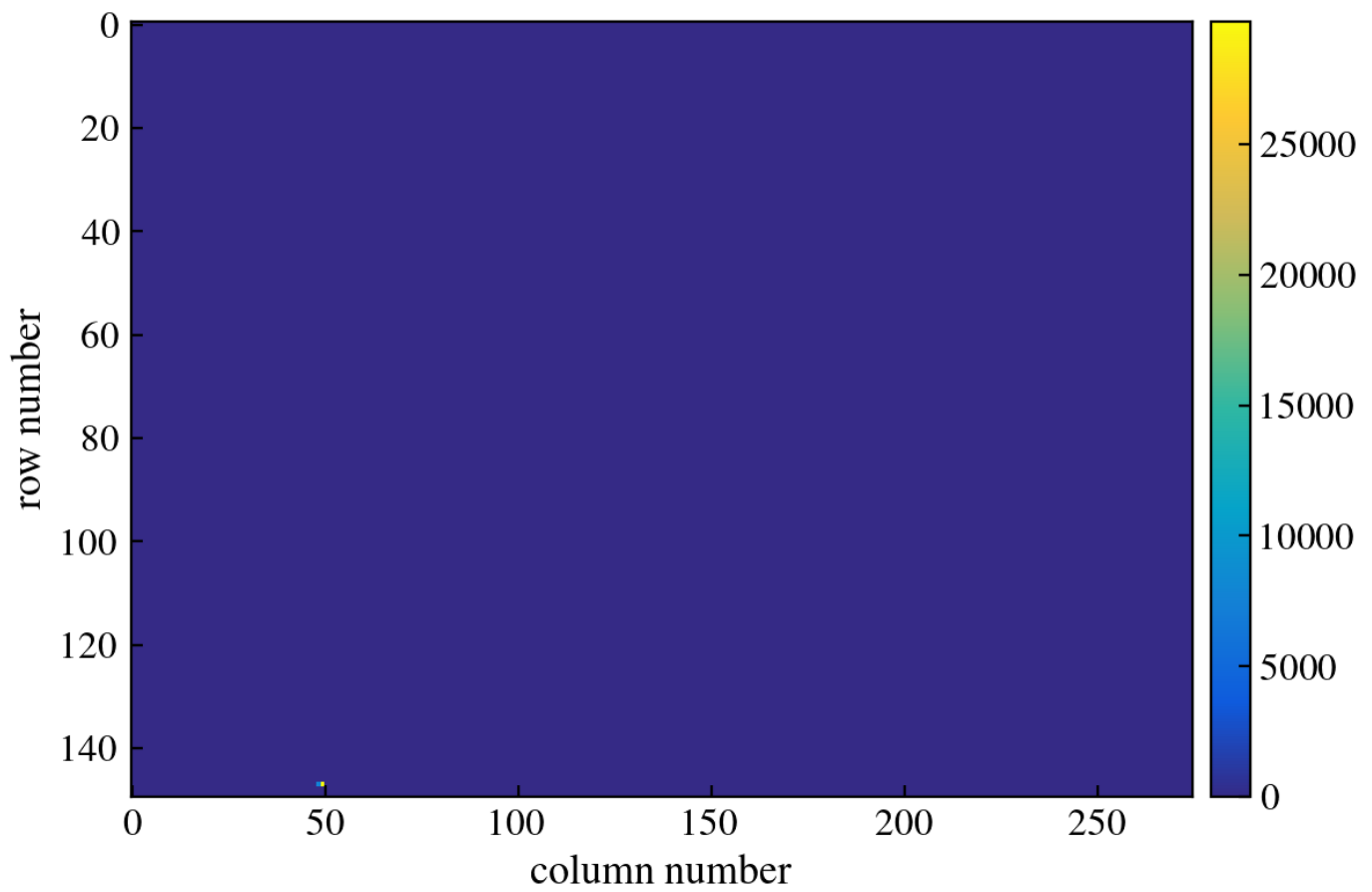


Figure 293: CCD Image

CCD Image: run 490, image 334
[class MECCDImage]

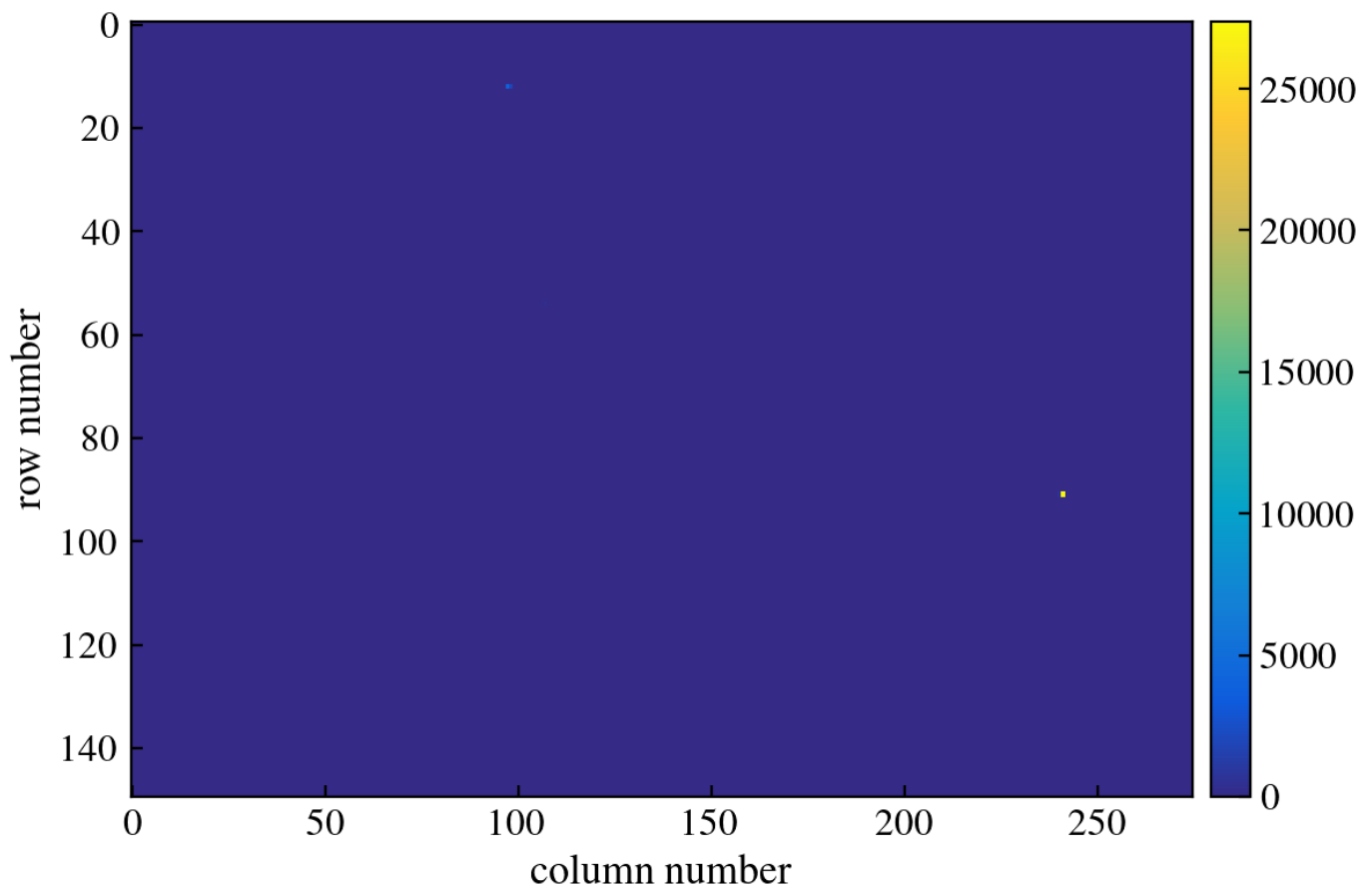


Figure 294: CCD Image

CCD Image: run 490, image 335
[class MECCDImage]

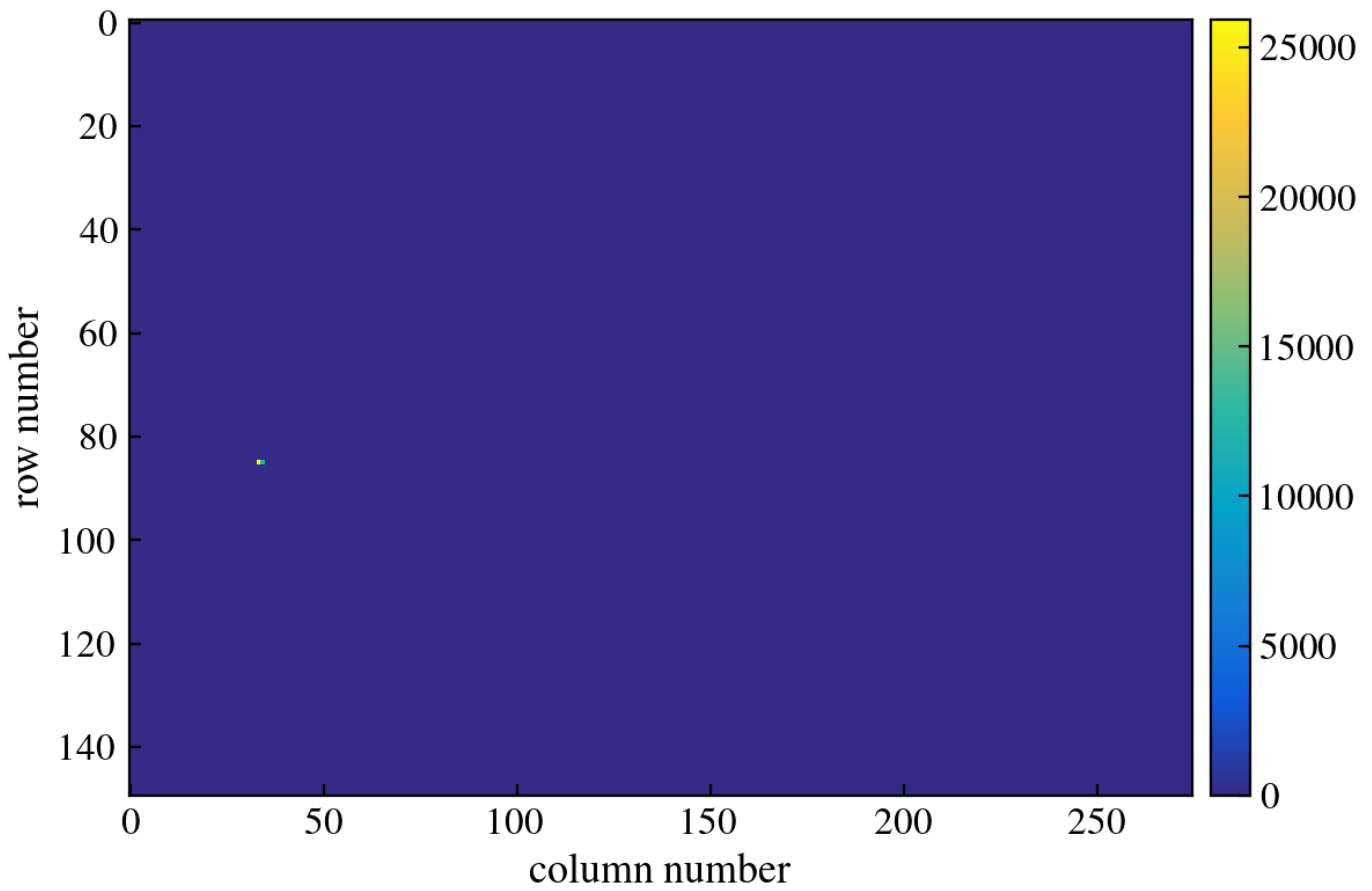


Figure 295: CCD Image

CCD Image: run 490, image 336
[class MECCDImage]

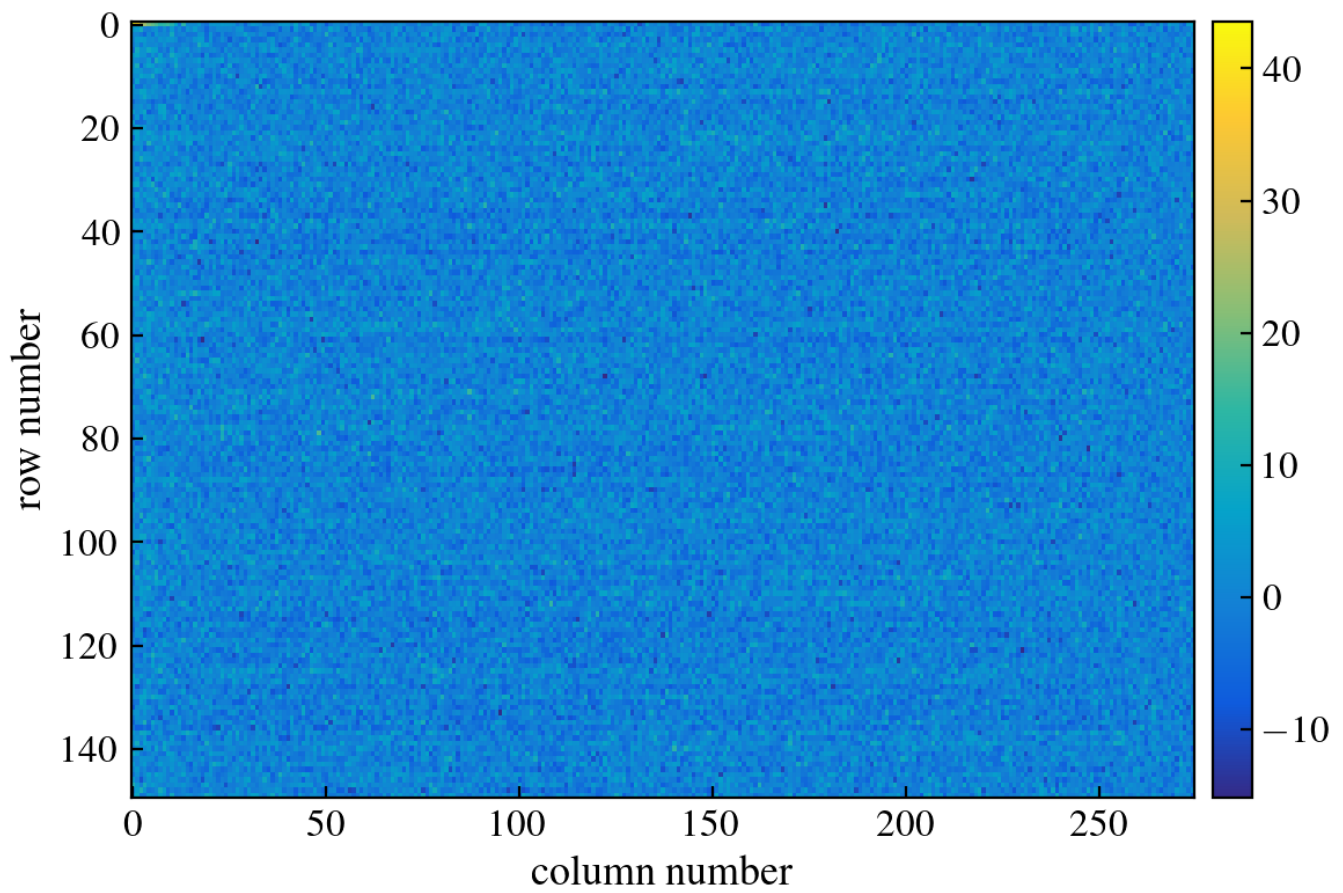


Figure 296: CCD Image

CCD Image: run 490, image 337
[class MECCDImage]

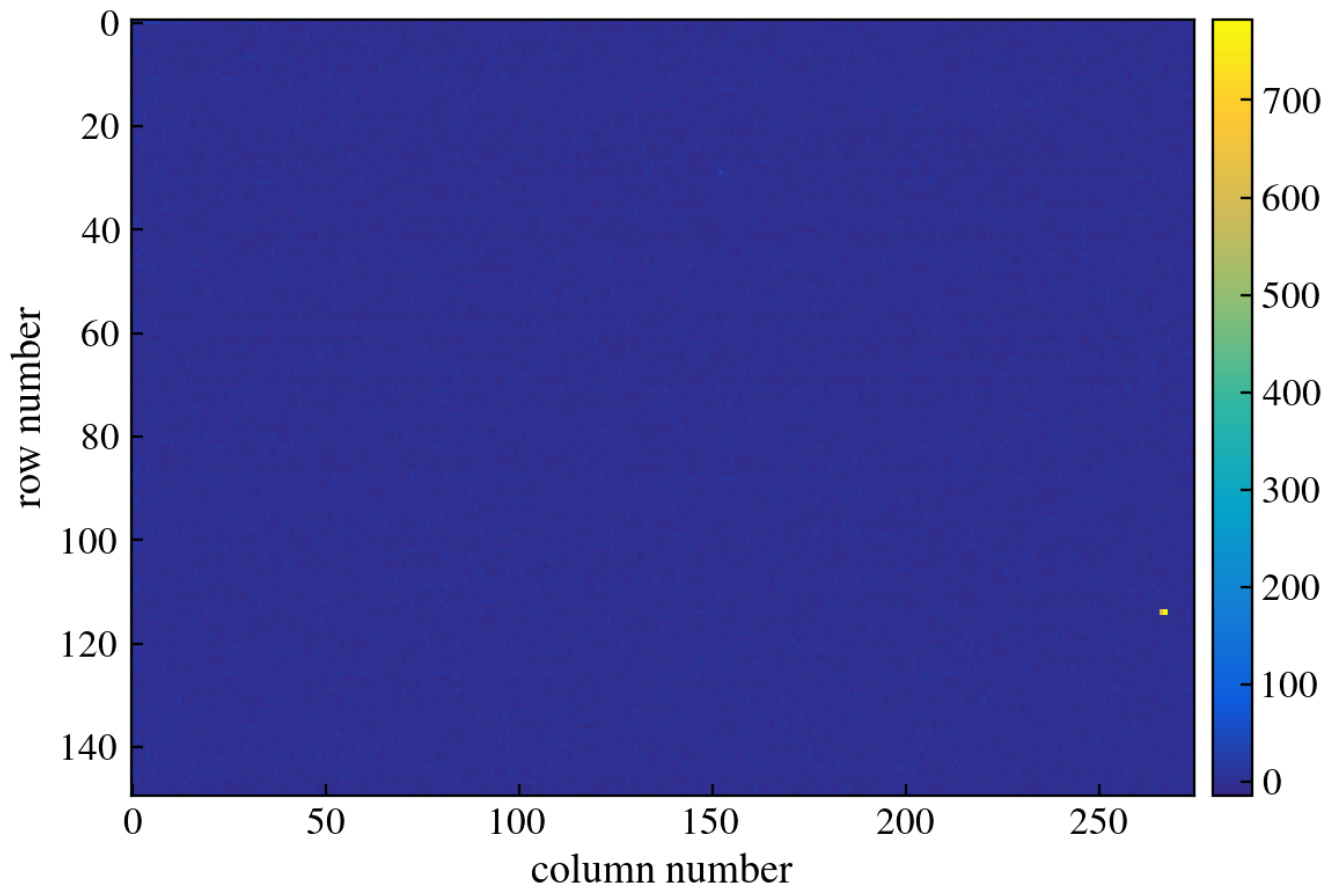


Figure 297: CCD Image

CCD Image: run 490, image 338
[class MECCDImage]

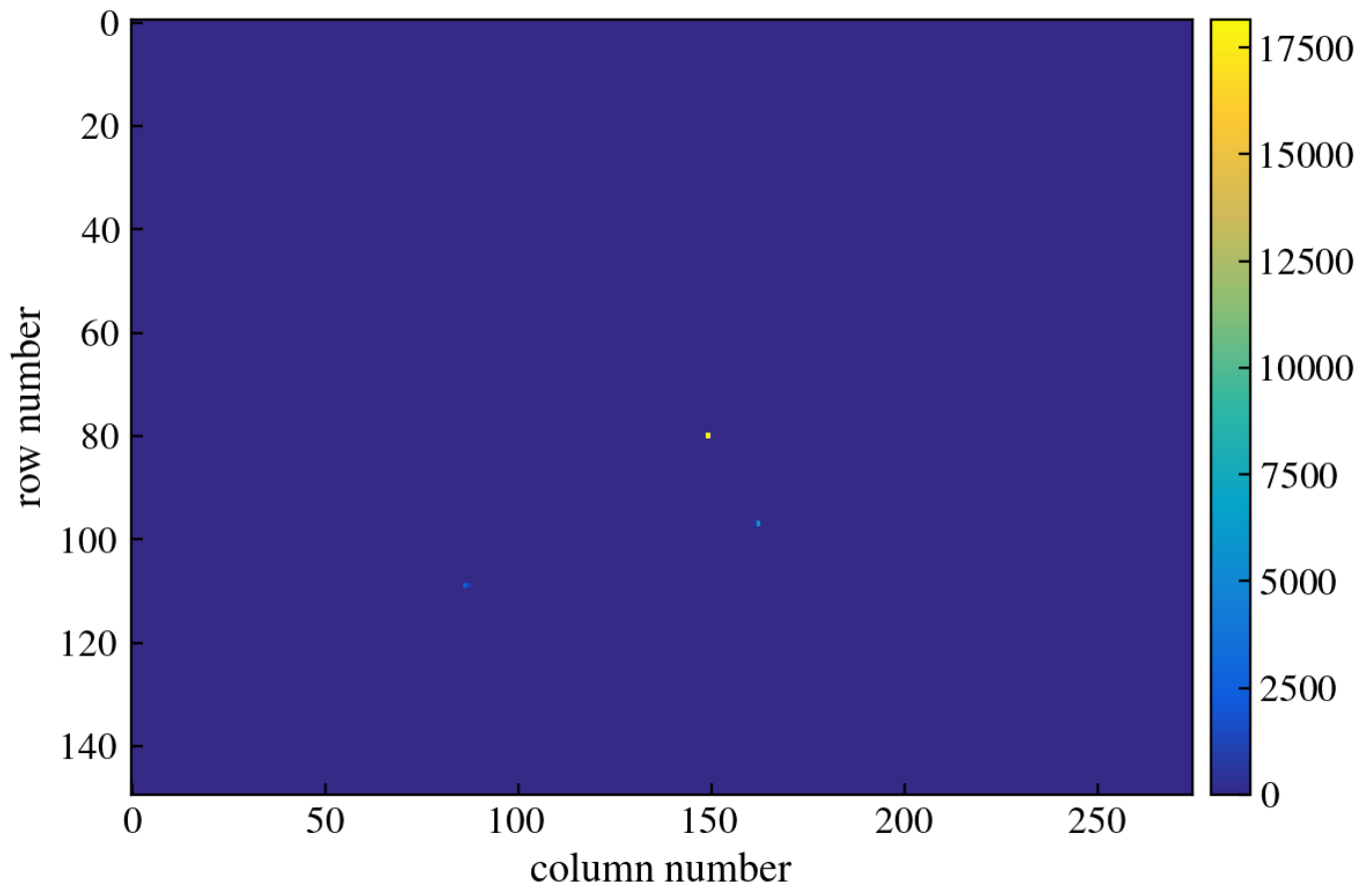


Figure 298: CCD Image

CCD Image: run 490, image 339
[class MECCDImage]

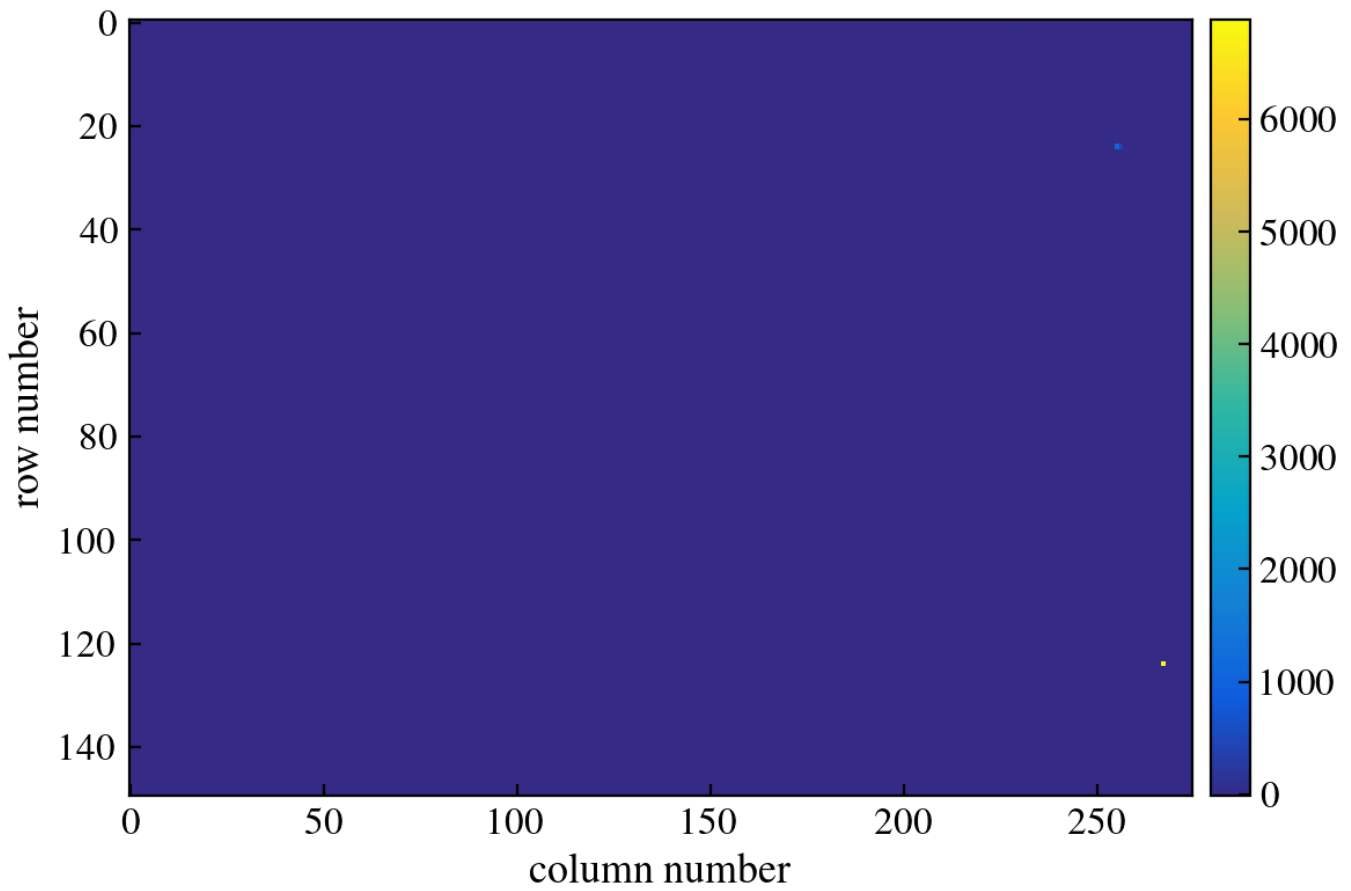


Figure 299: CCD Image

CCD Image: run 490, image 34
[class MECCDImage]

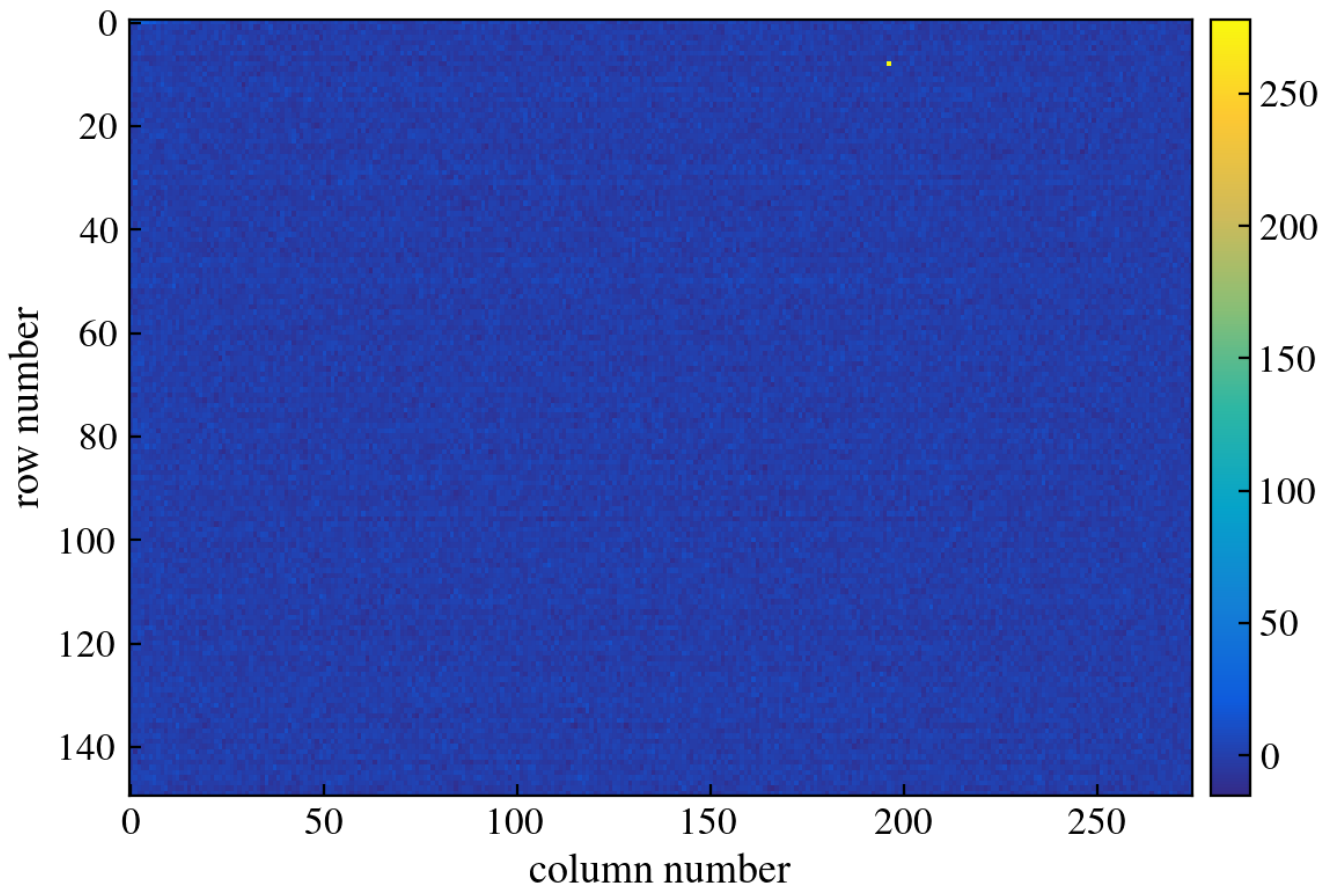


Figure 300: CCD Image

CCD Image: run 490, image 340
[class MECCDImage]

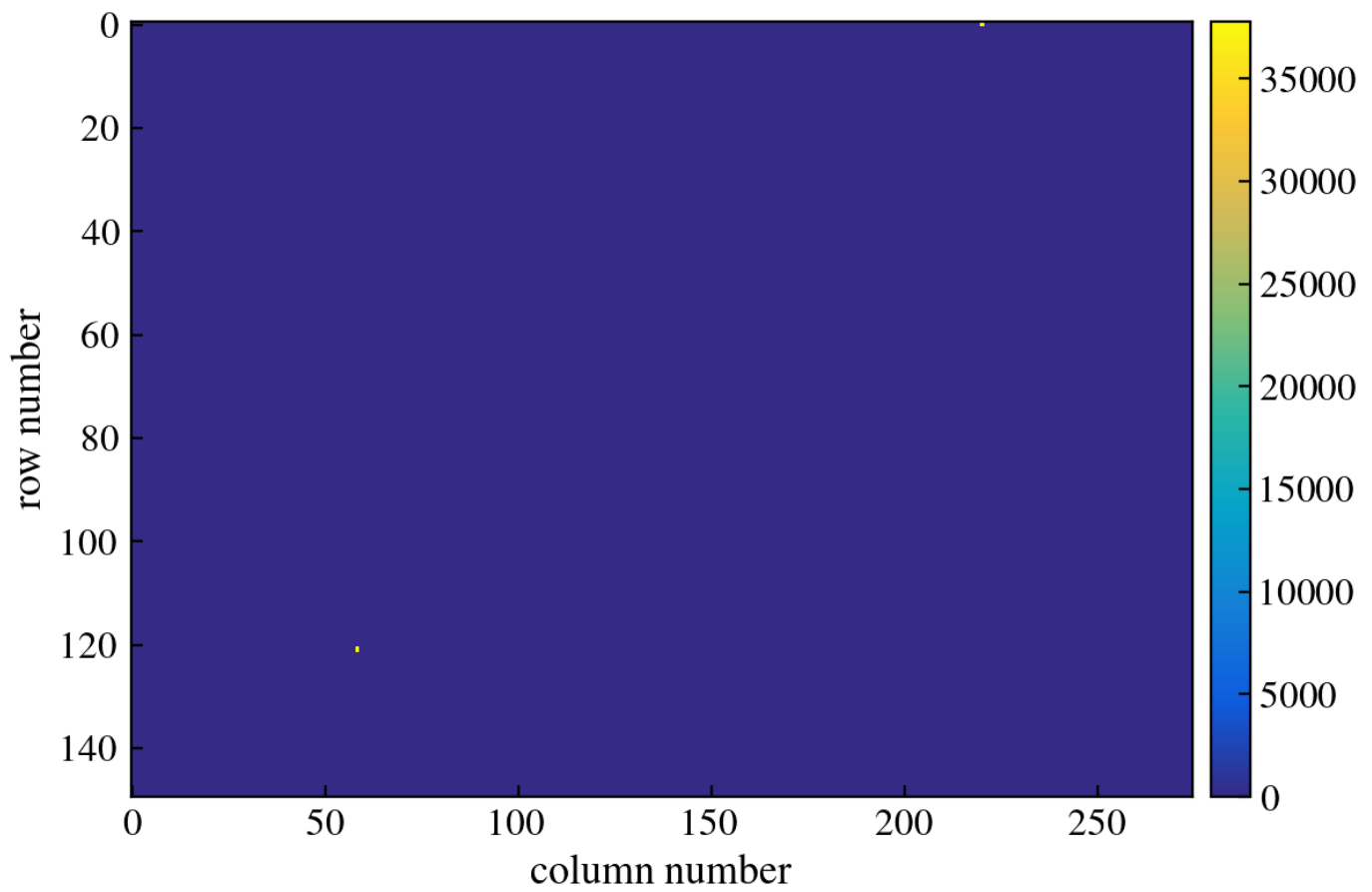


Figure 301: CCD Image

CCD Image: run 490, image 341
[class MECCDImage]

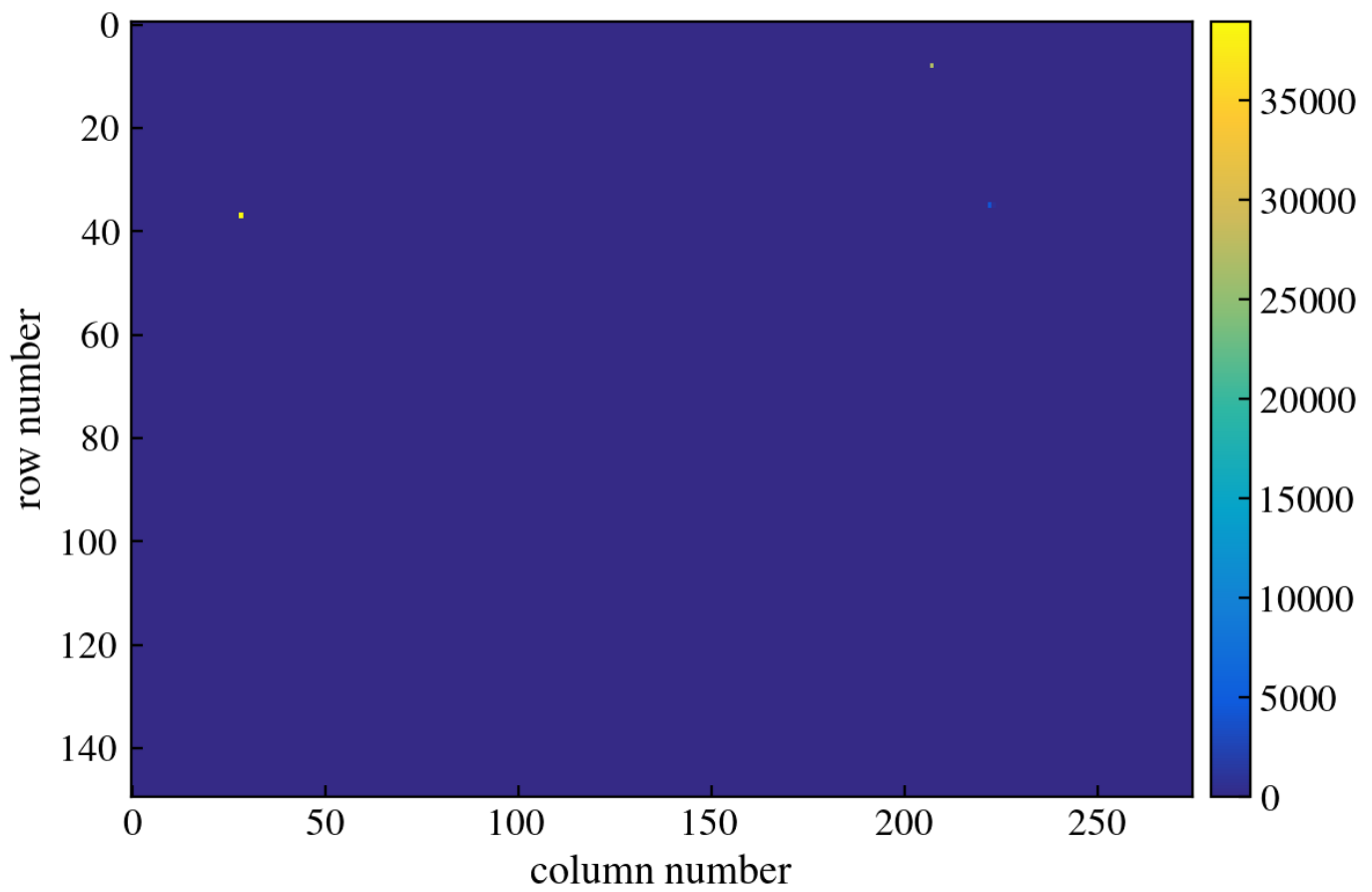


Figure 302: CCD Image

CCD Image: run 490, image 342
[class MECCDImage]

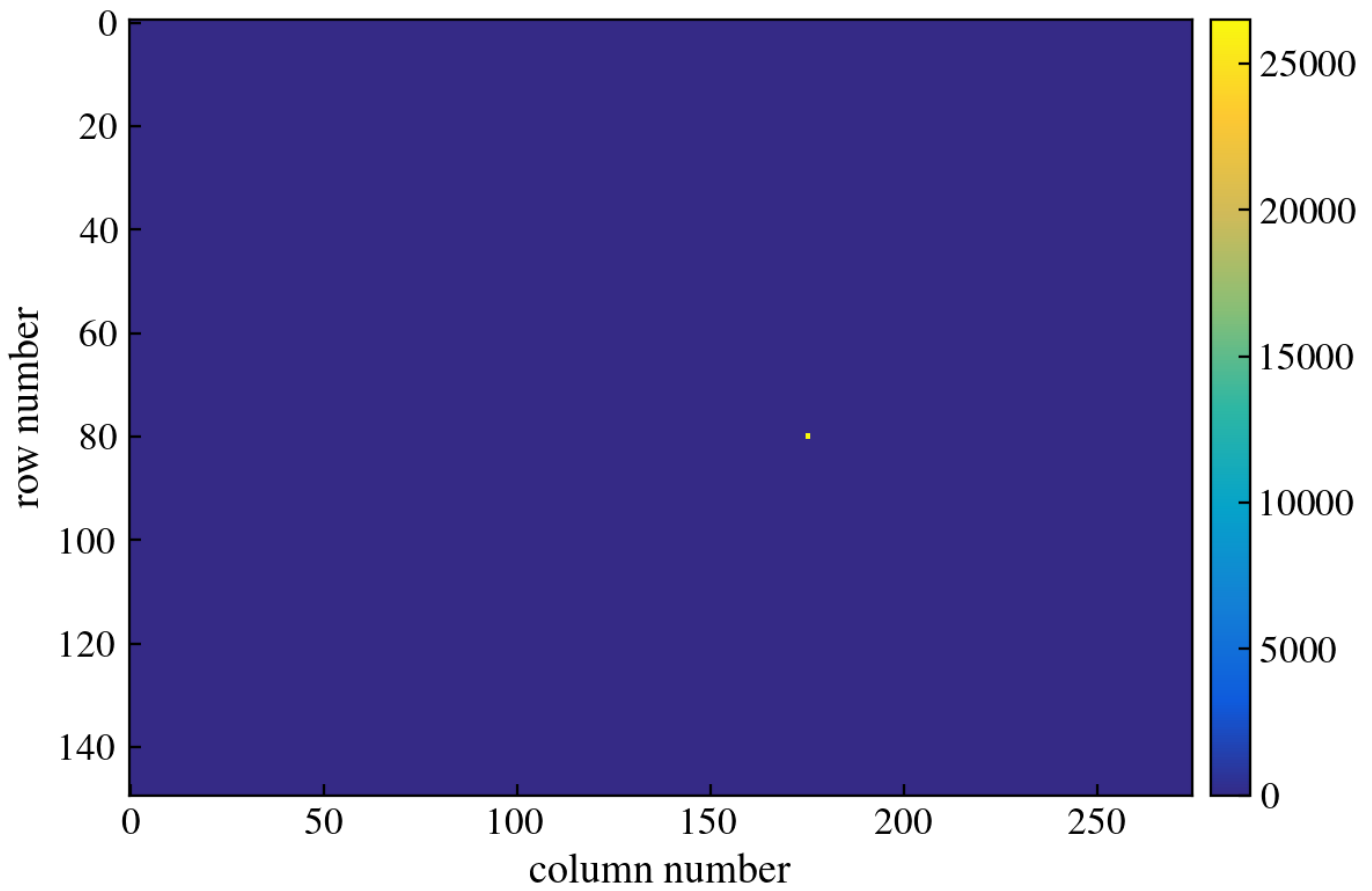


Figure 303: CCD Image

CCD Image: run 490, image 343
[class MECCDImage]

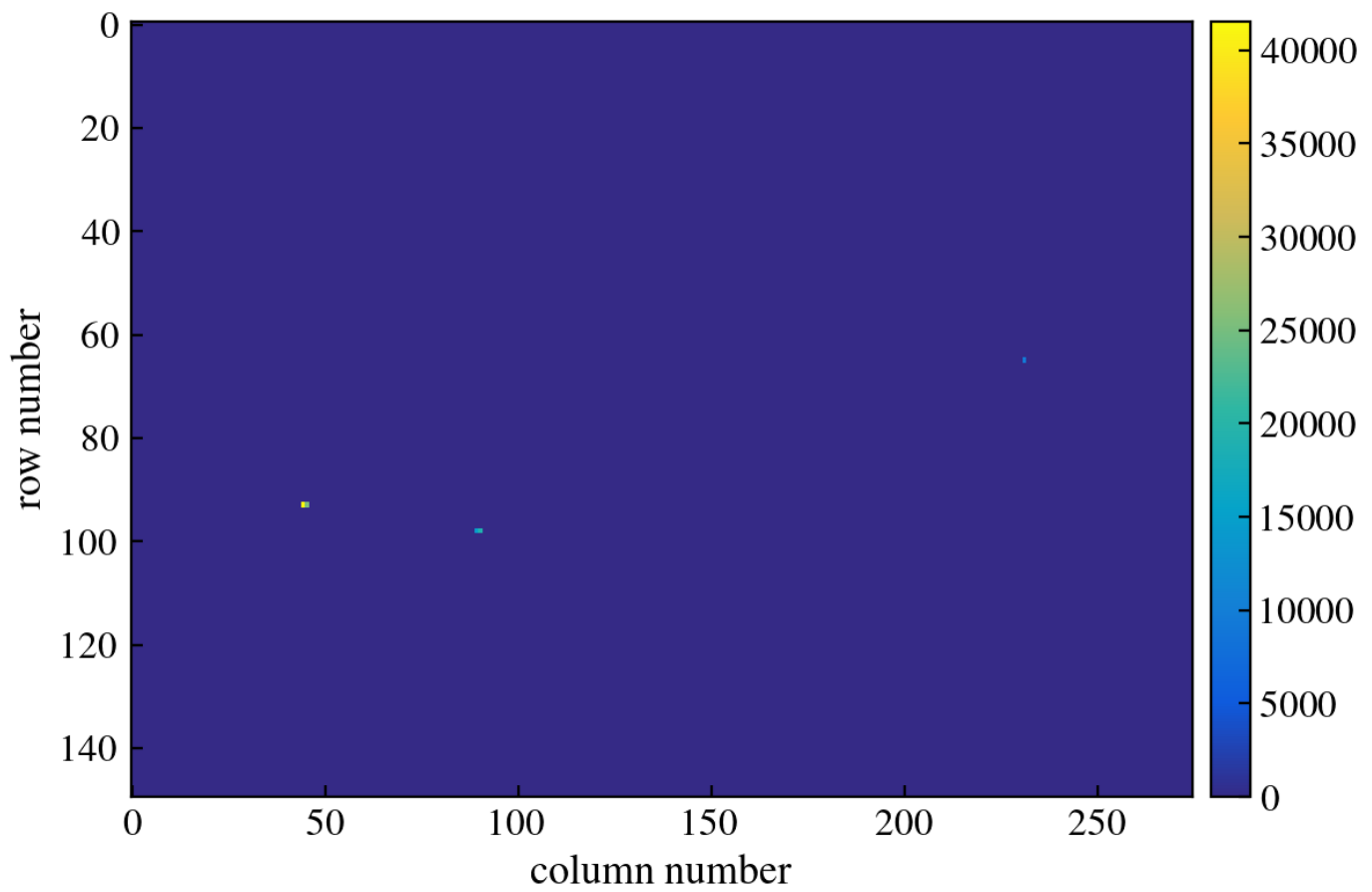


Figure 304: CCD Image

CCD Image: run 490, image 344
[class MECCDImage]

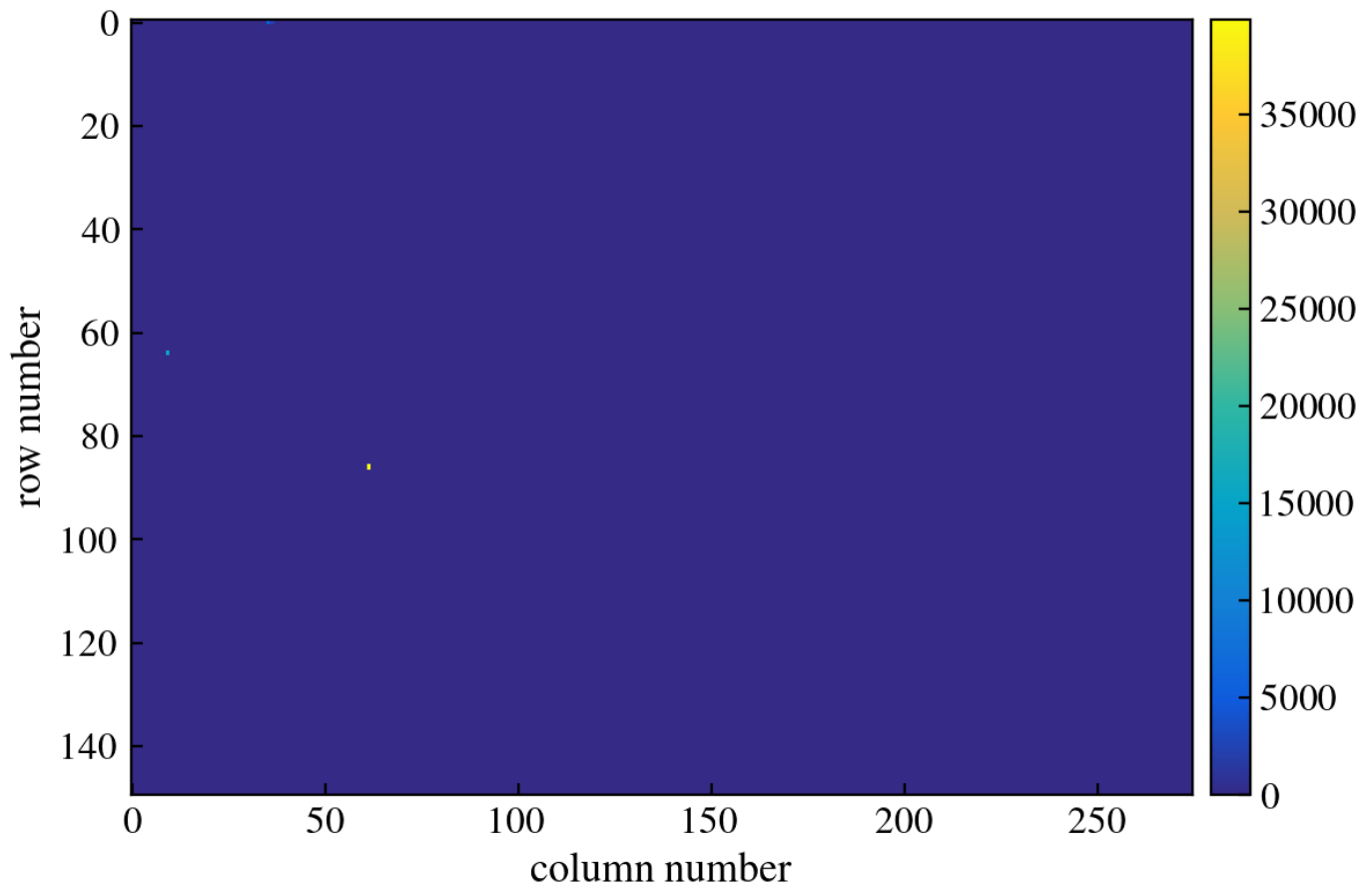


Figure 305: CCD Image

CCD Image: run 490, image 345
[class MECCDImage]

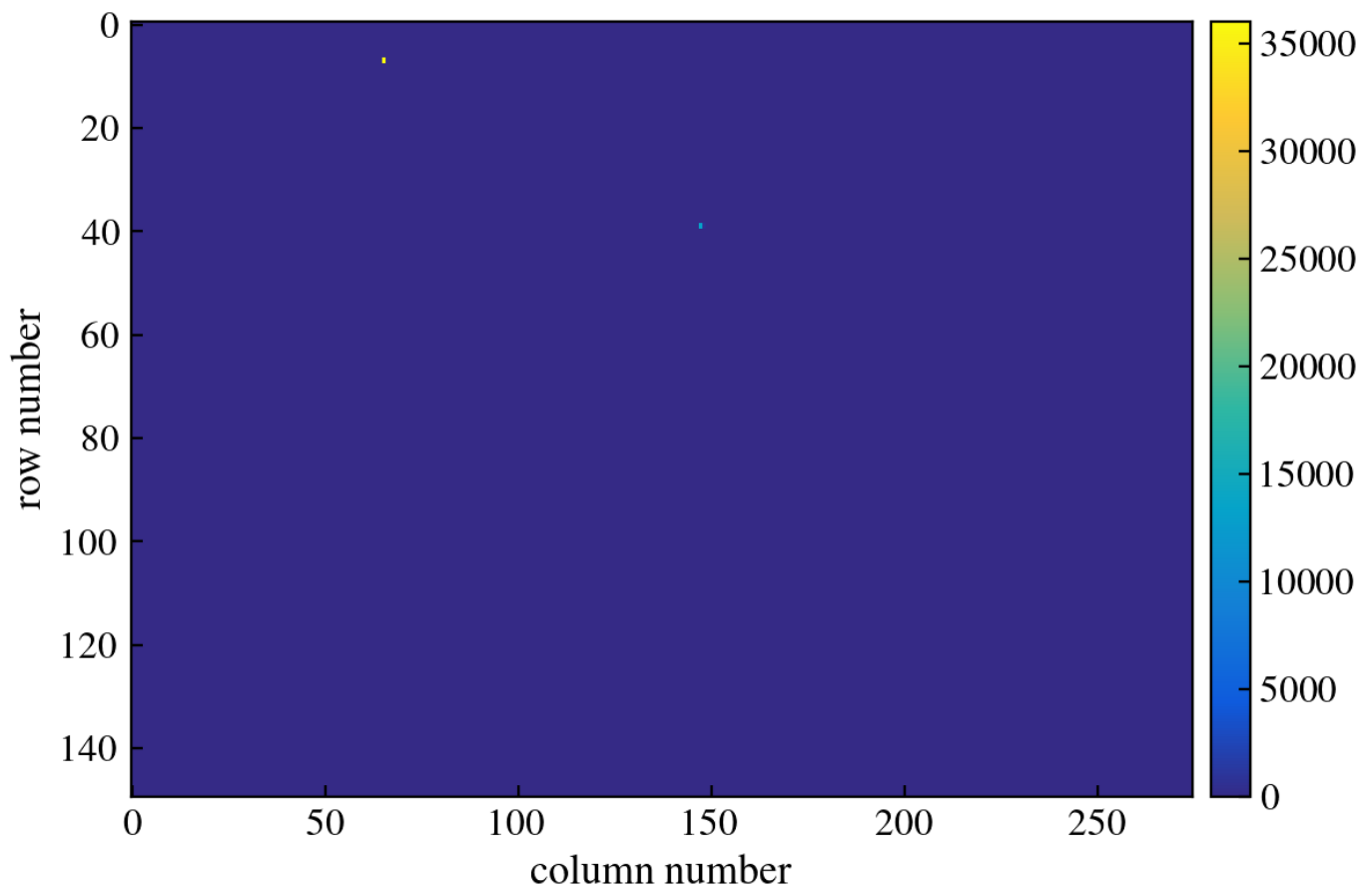


Figure 306: CCD Image

CCD Image: run 490, image 346
[class MECCDImage]

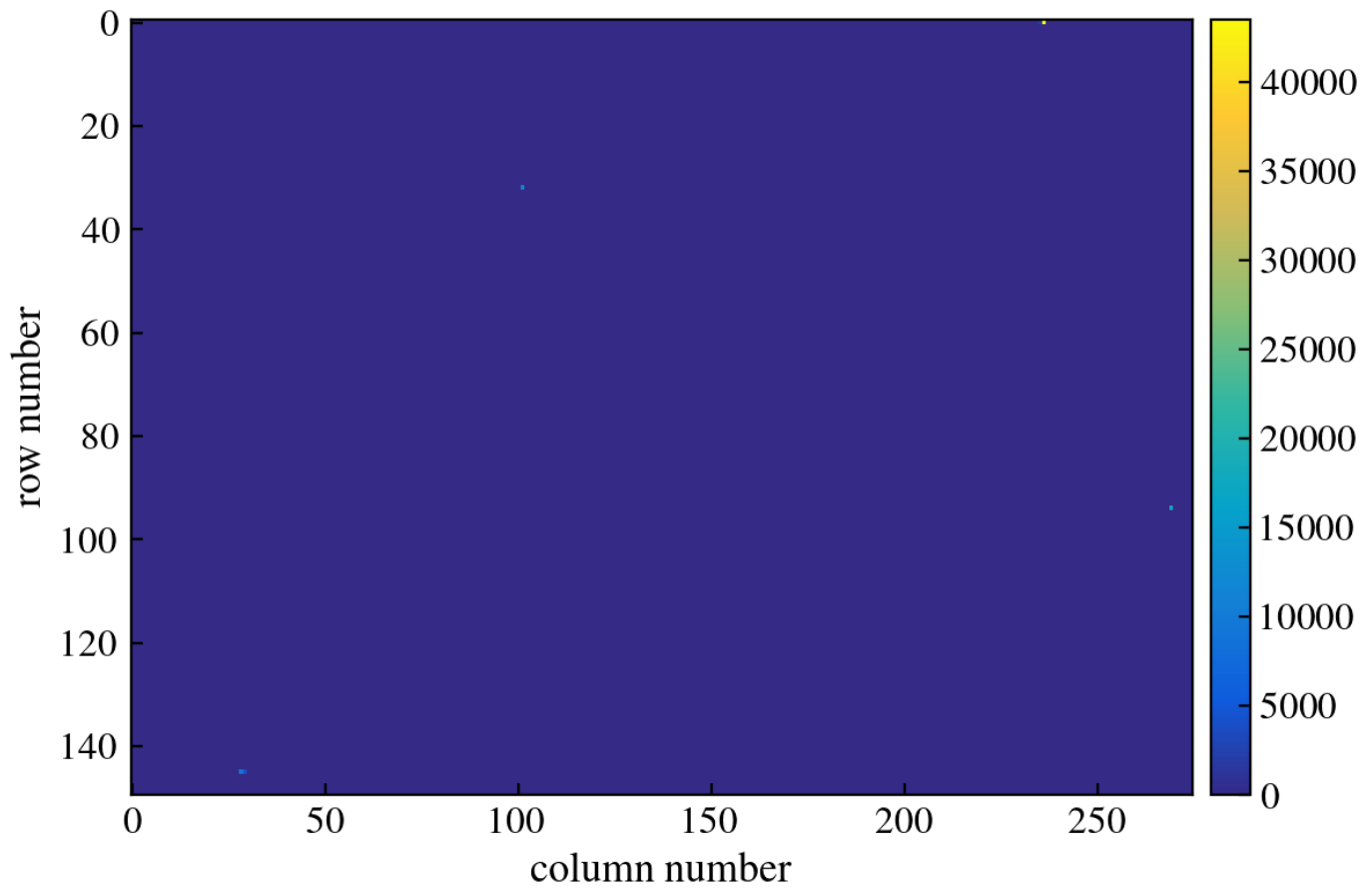


Figure 307: CCD Image

CCD Image: run 490, image 347
[class MECCDImage]

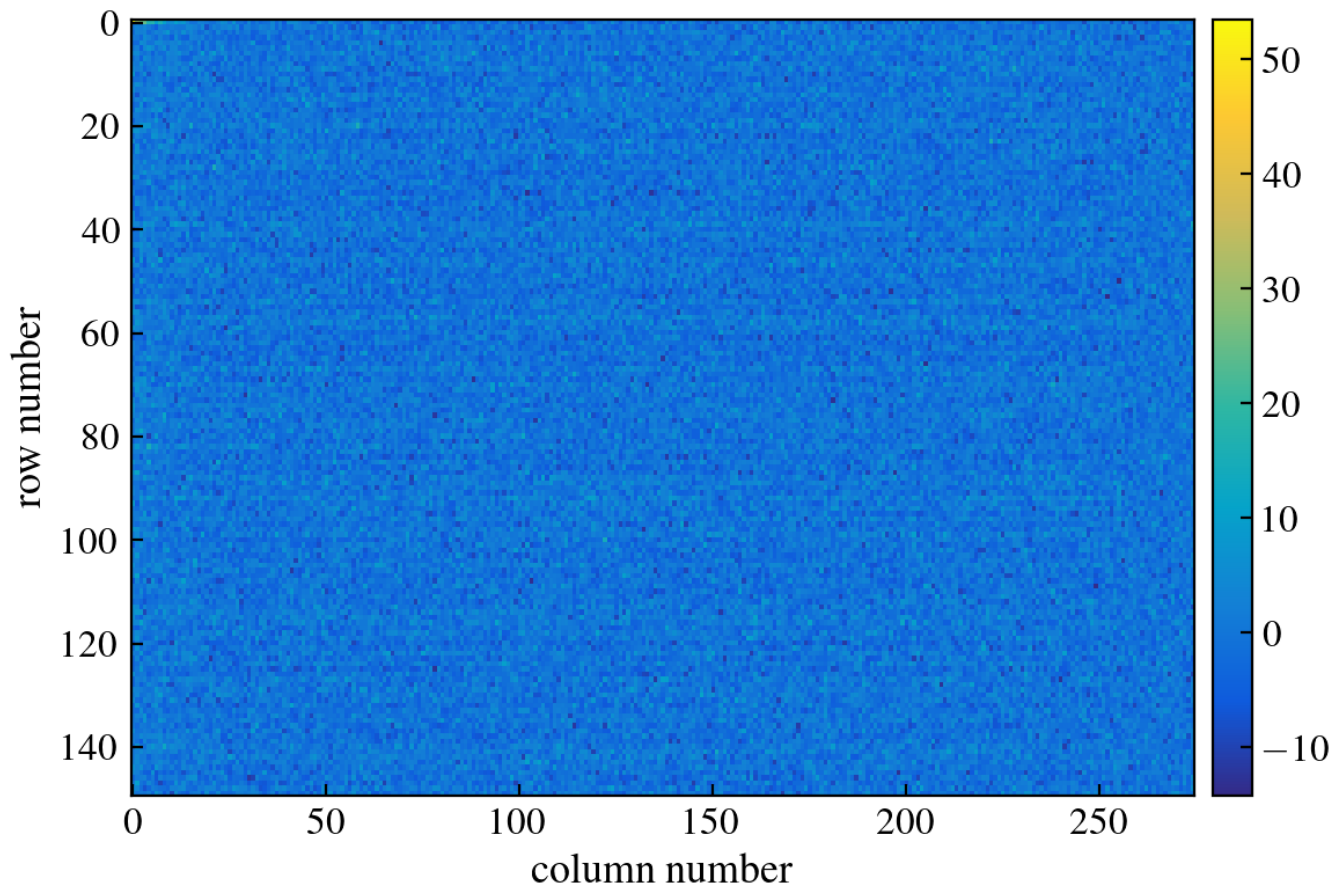


Figure 308: CCD Image

CCD Image: run 490, image 348
[class MECCDImage]

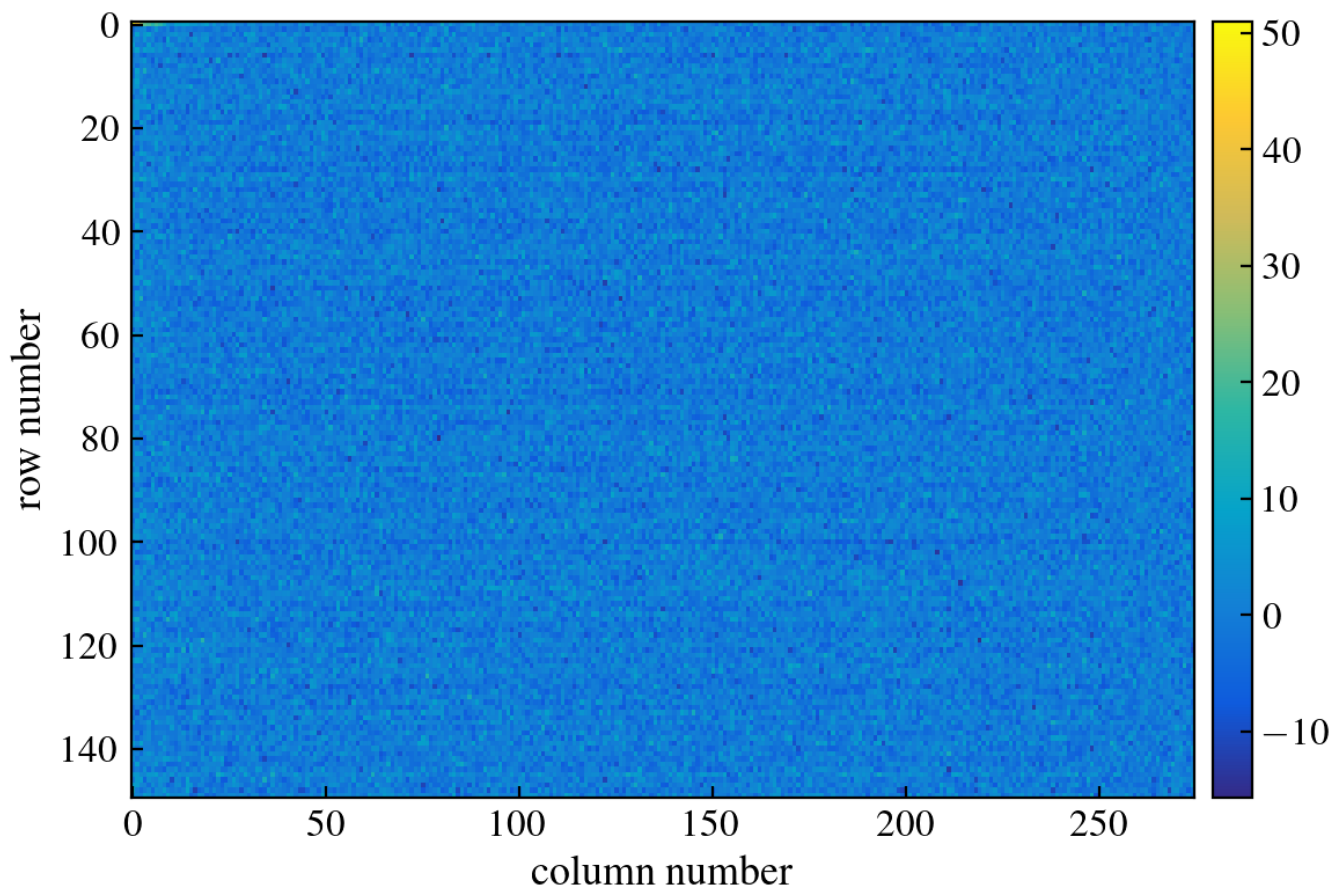


Figure 309: CCD Image

CCD Image: run 490, image 349
[class MECCDImage]

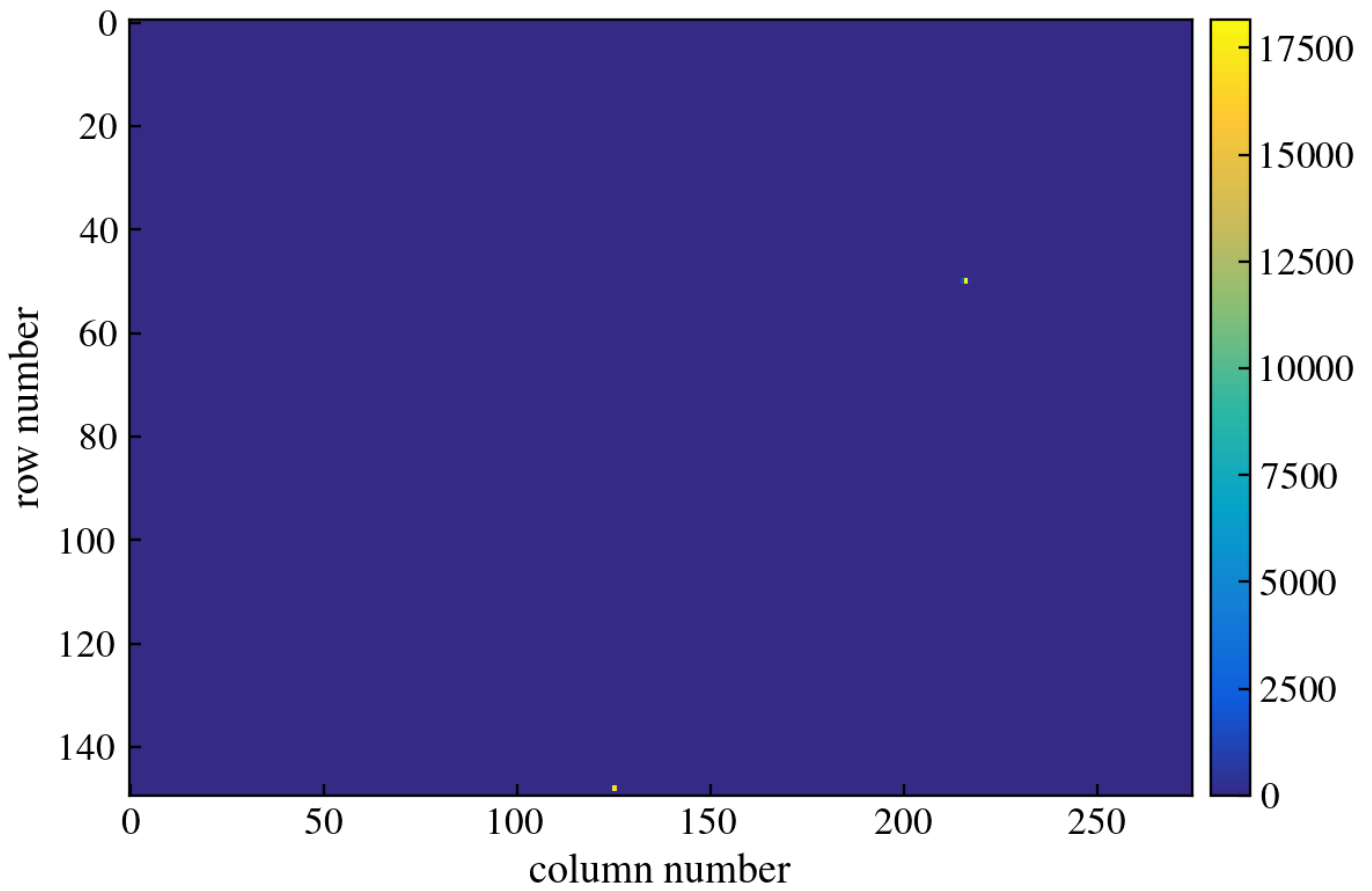


Figure 310: CCD Image

CCD Image: run 490, image 35
[class MECCDImage]

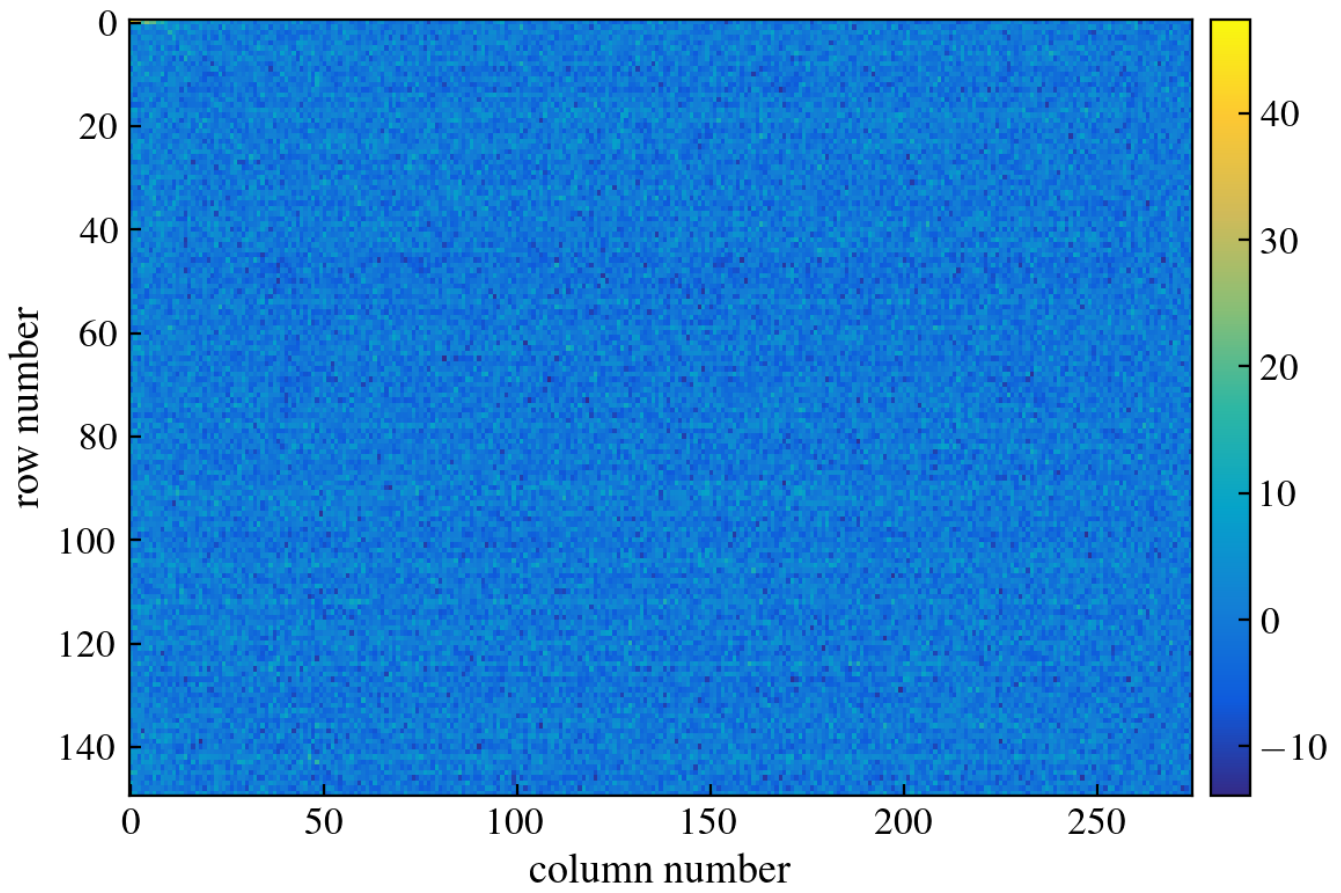


Figure 311: CCD Image

CCD Image: run 490, image 350
[class MECCDImage]

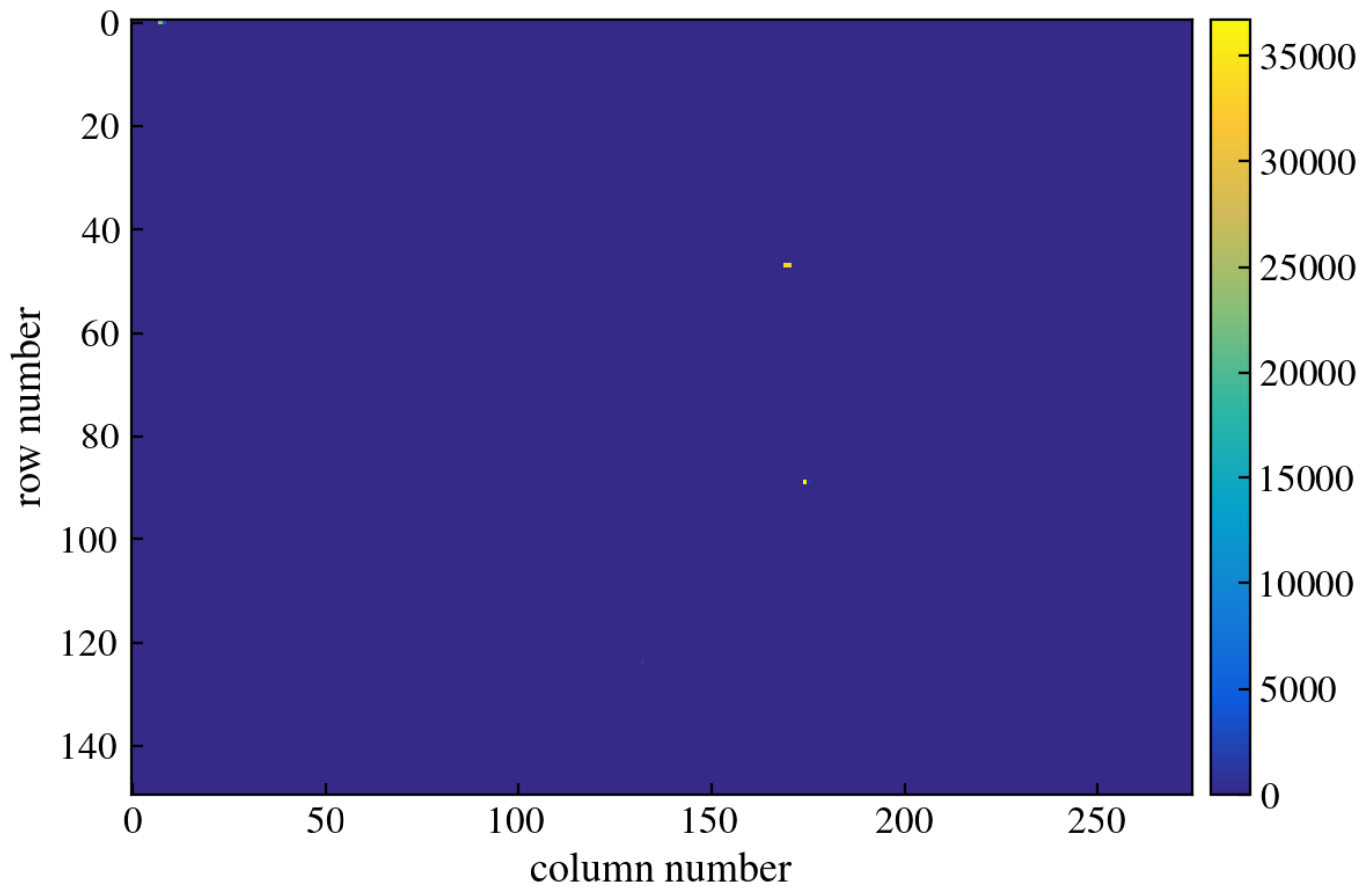


Figure 312: CCD Image

CCD Image: run 490, image 351
[class MECCDImage]

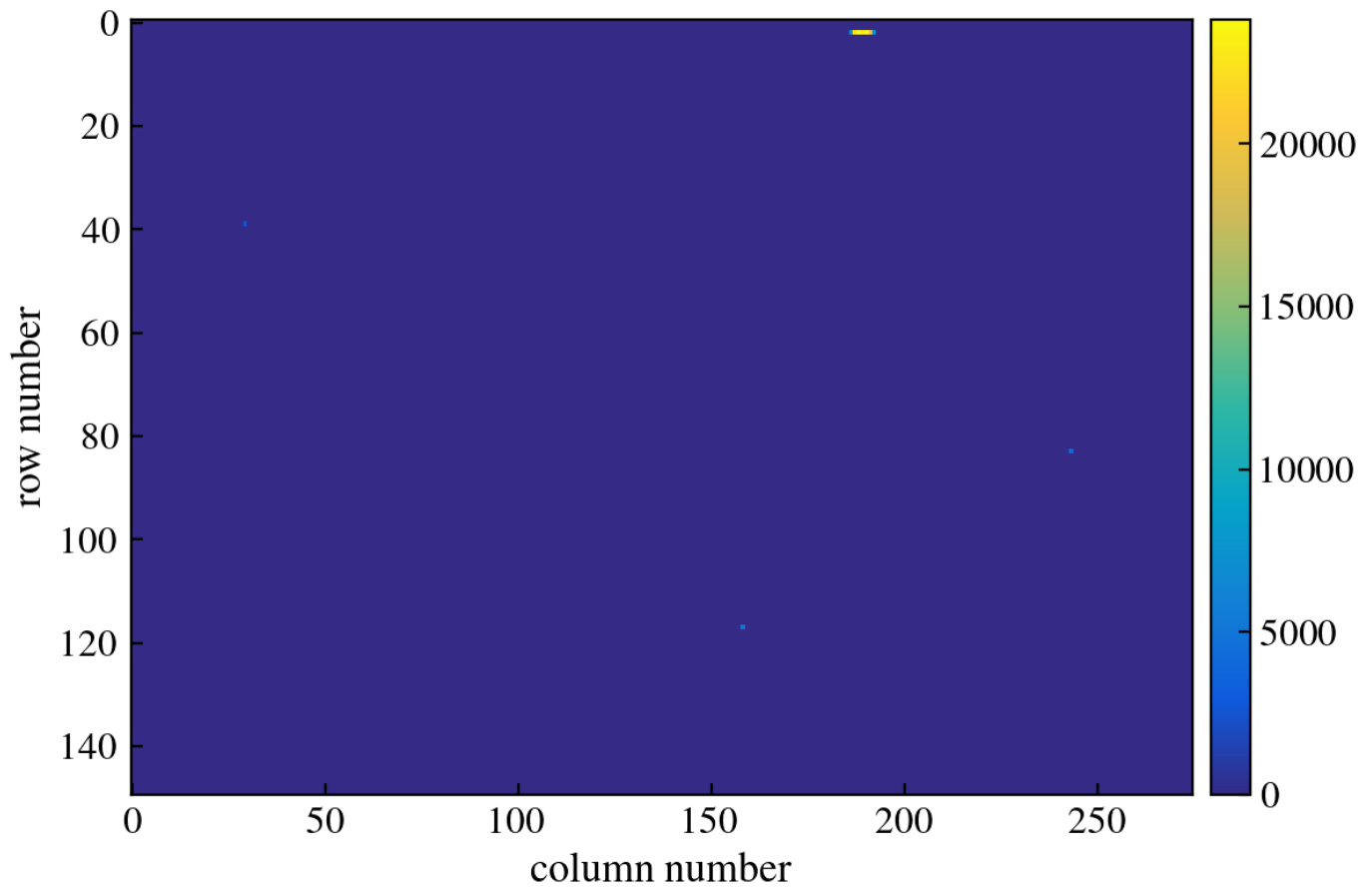


Figure 313: CCD Image

CCD Image: run 490, image 352
[class MECCDImage]

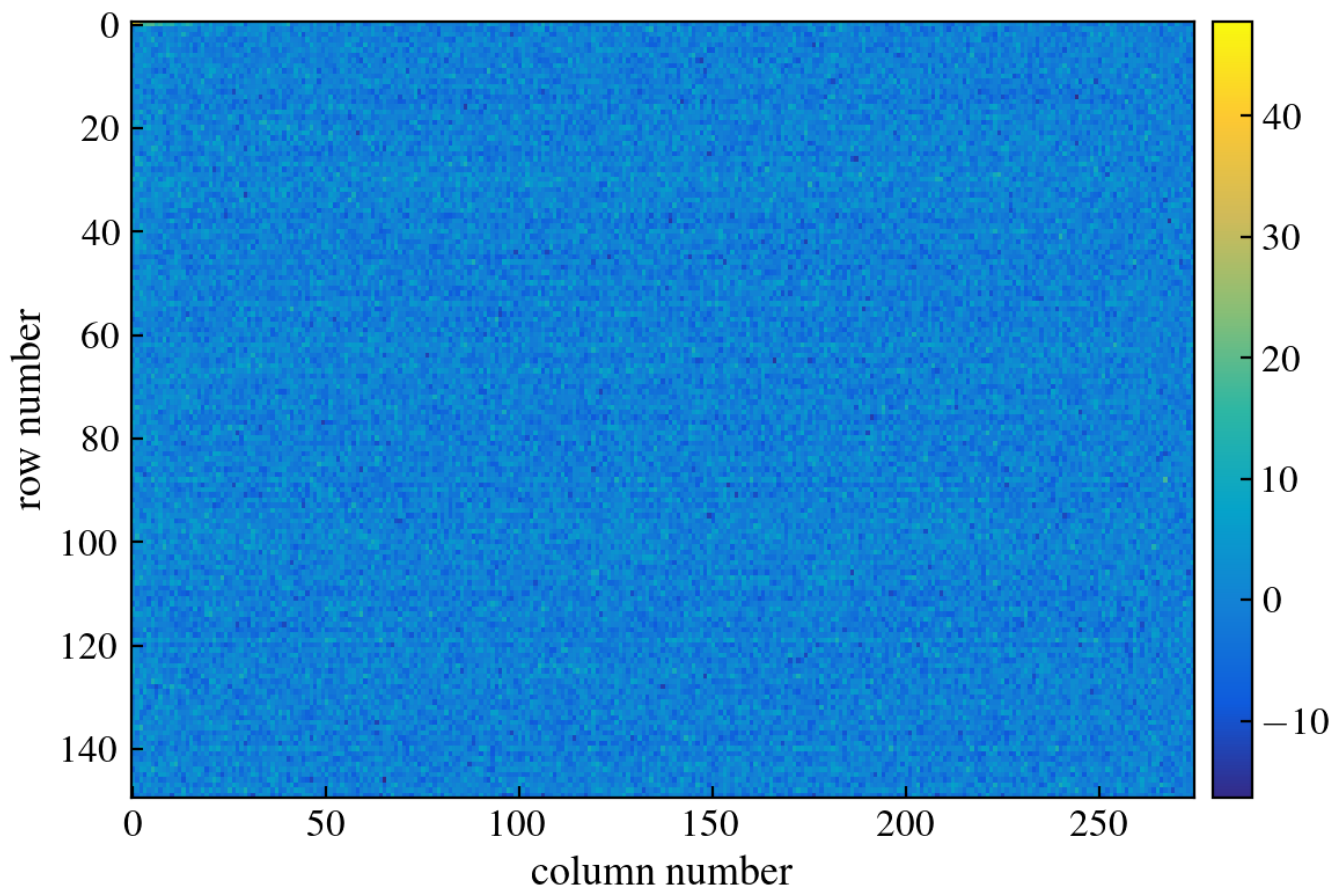


Figure 314: CCD Image

CCD Image: run 490, image 353
[class MECCDImage]

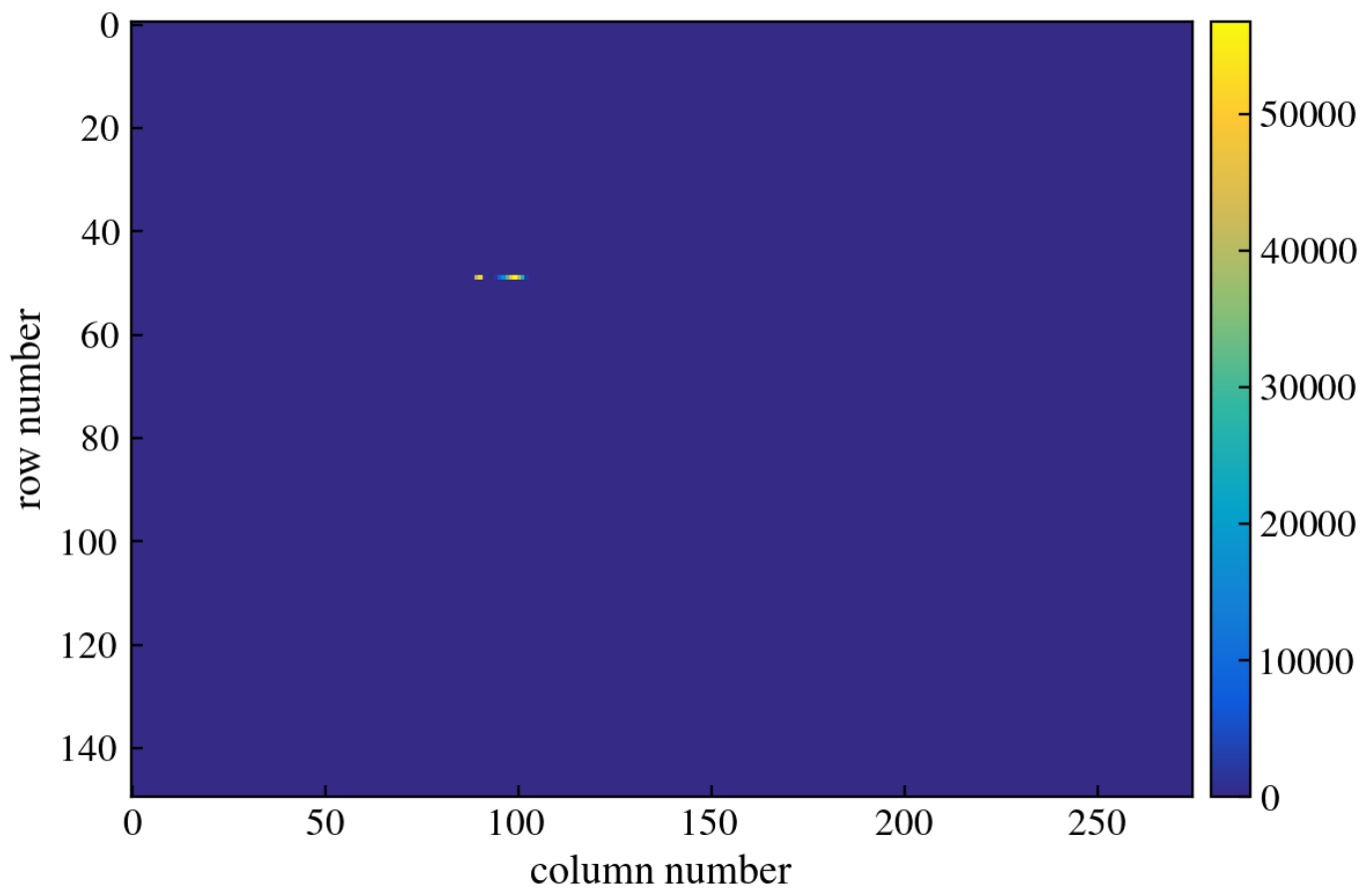


Figure 315: CCD Image

CCD Image: run 490, image 354
[class MECCDImage]

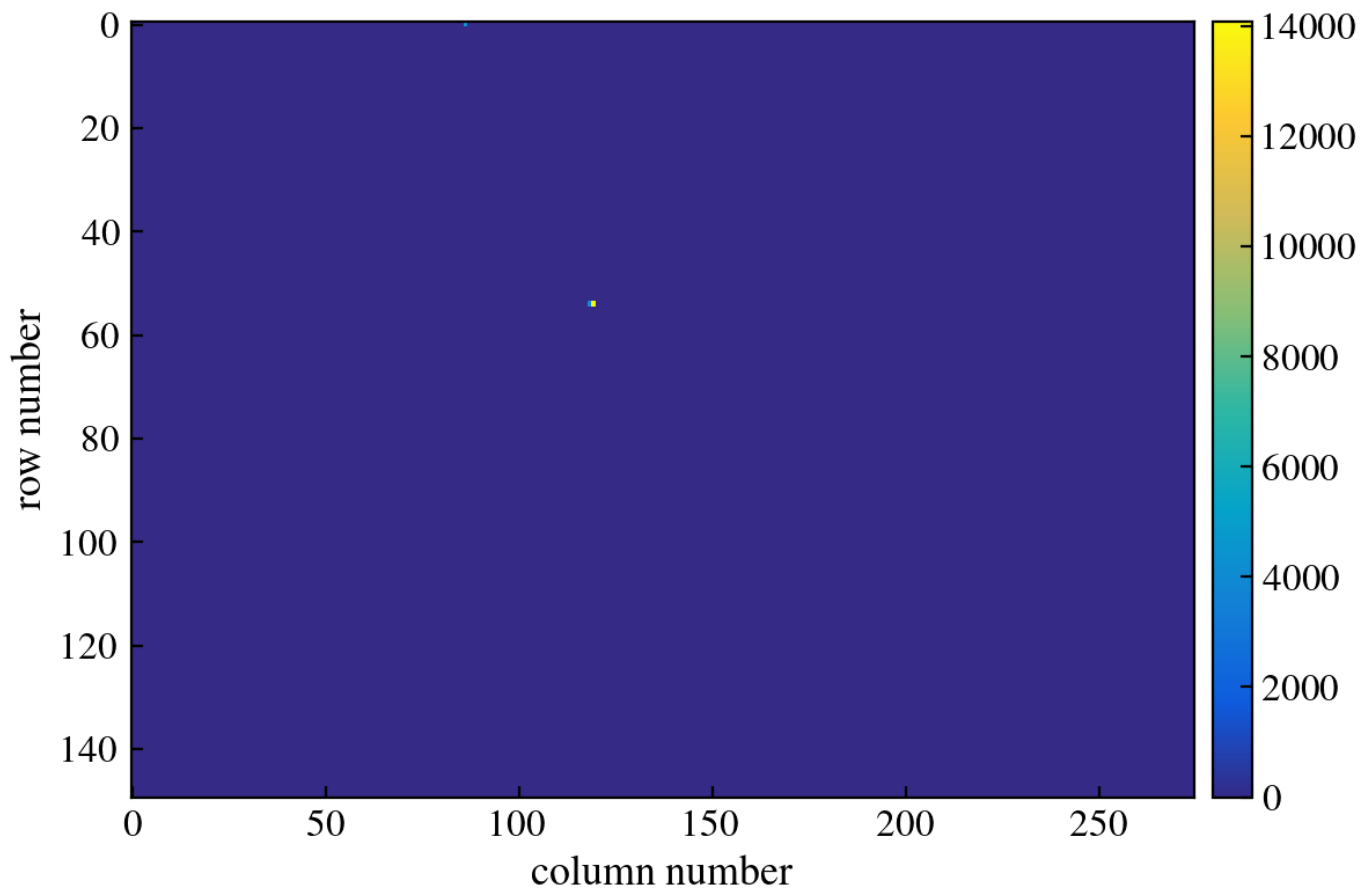


Figure 316: CCD Image

CCD Image: run 490, image 355
[class MECCDImage]

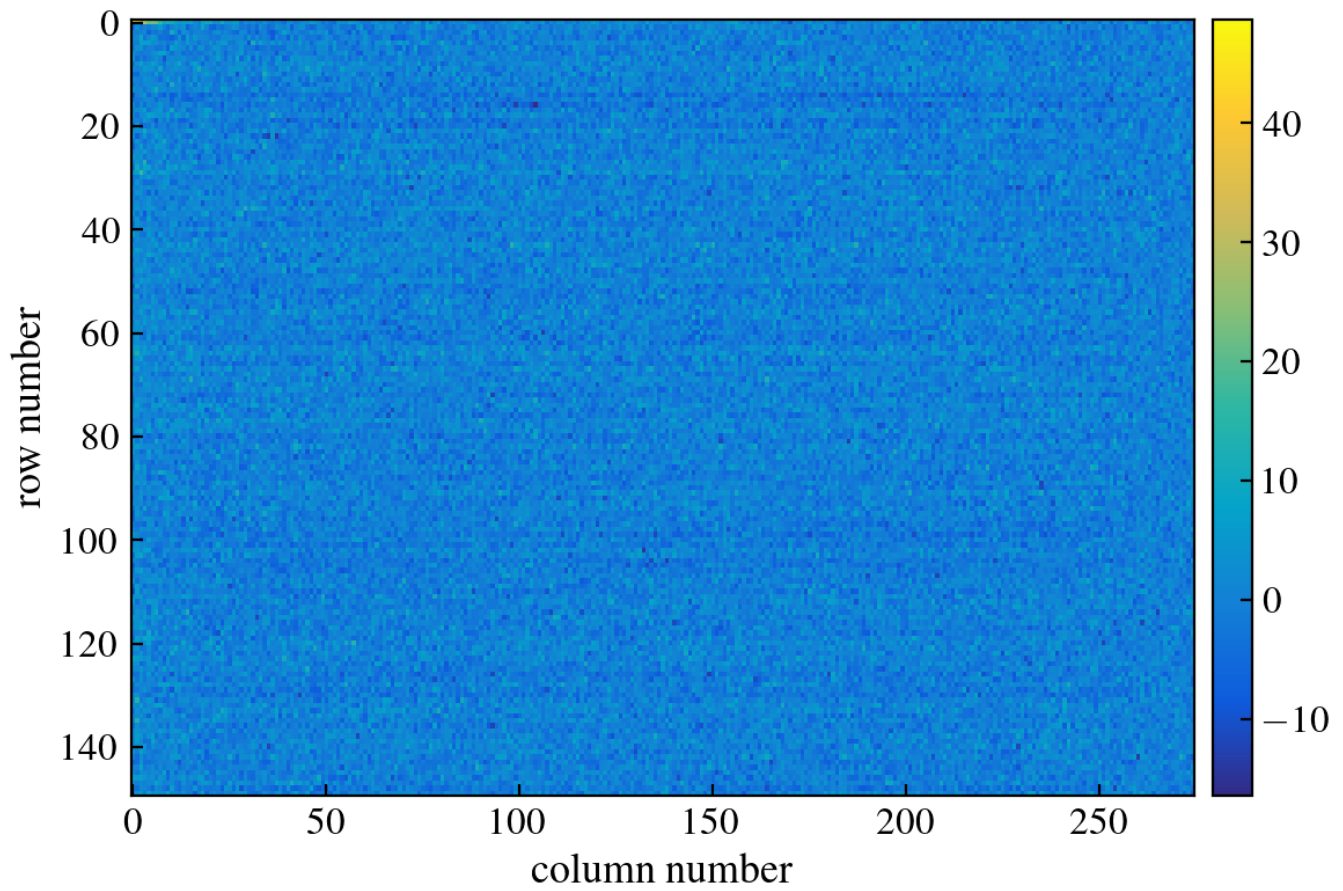


Figure 317: CCD Image

CCD Image: run 490, image 356
[class MECCDImage]

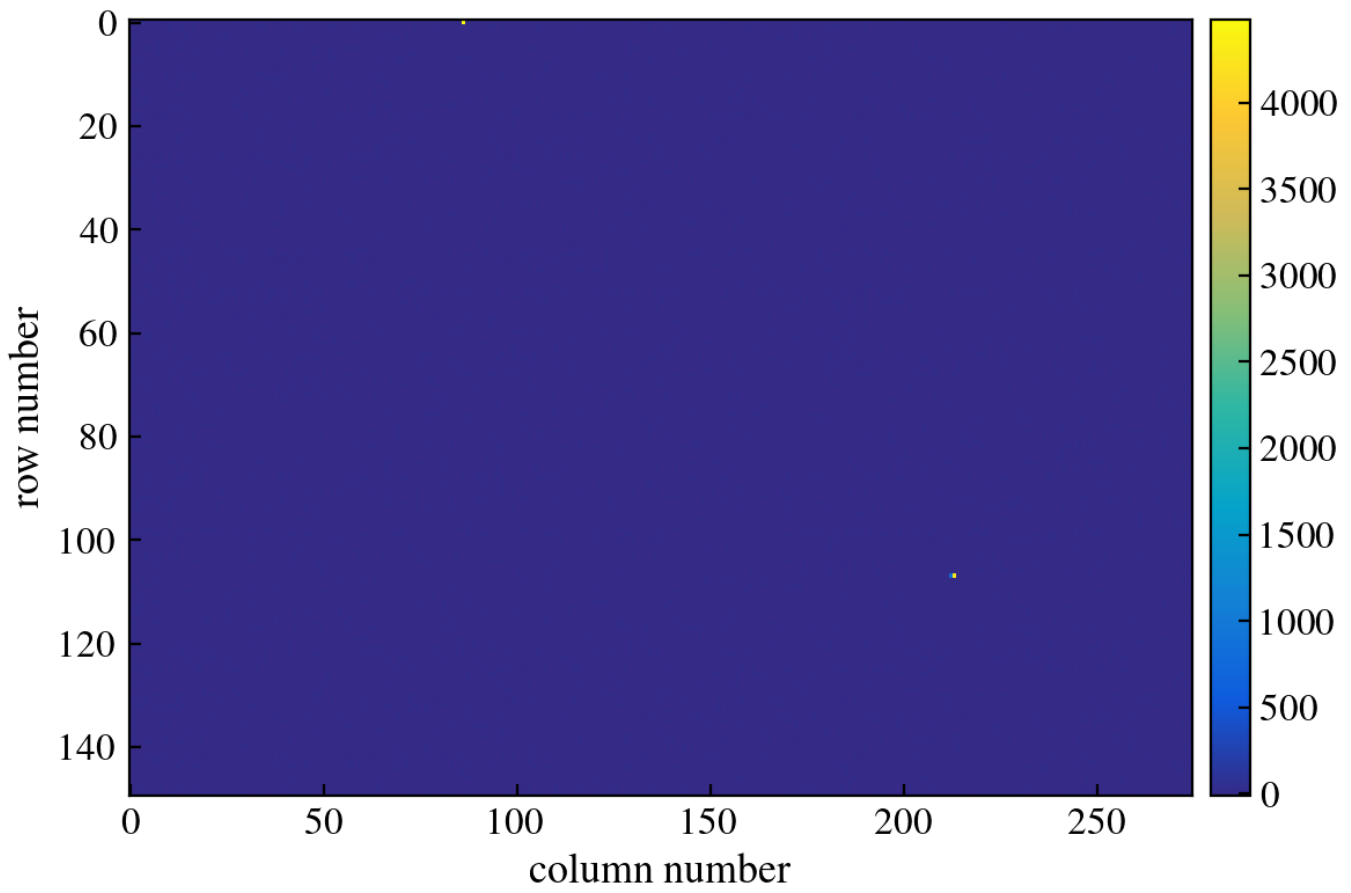


Figure 318: CCD Image

CCD Image: run 490, image 357
[class MECCDImage]

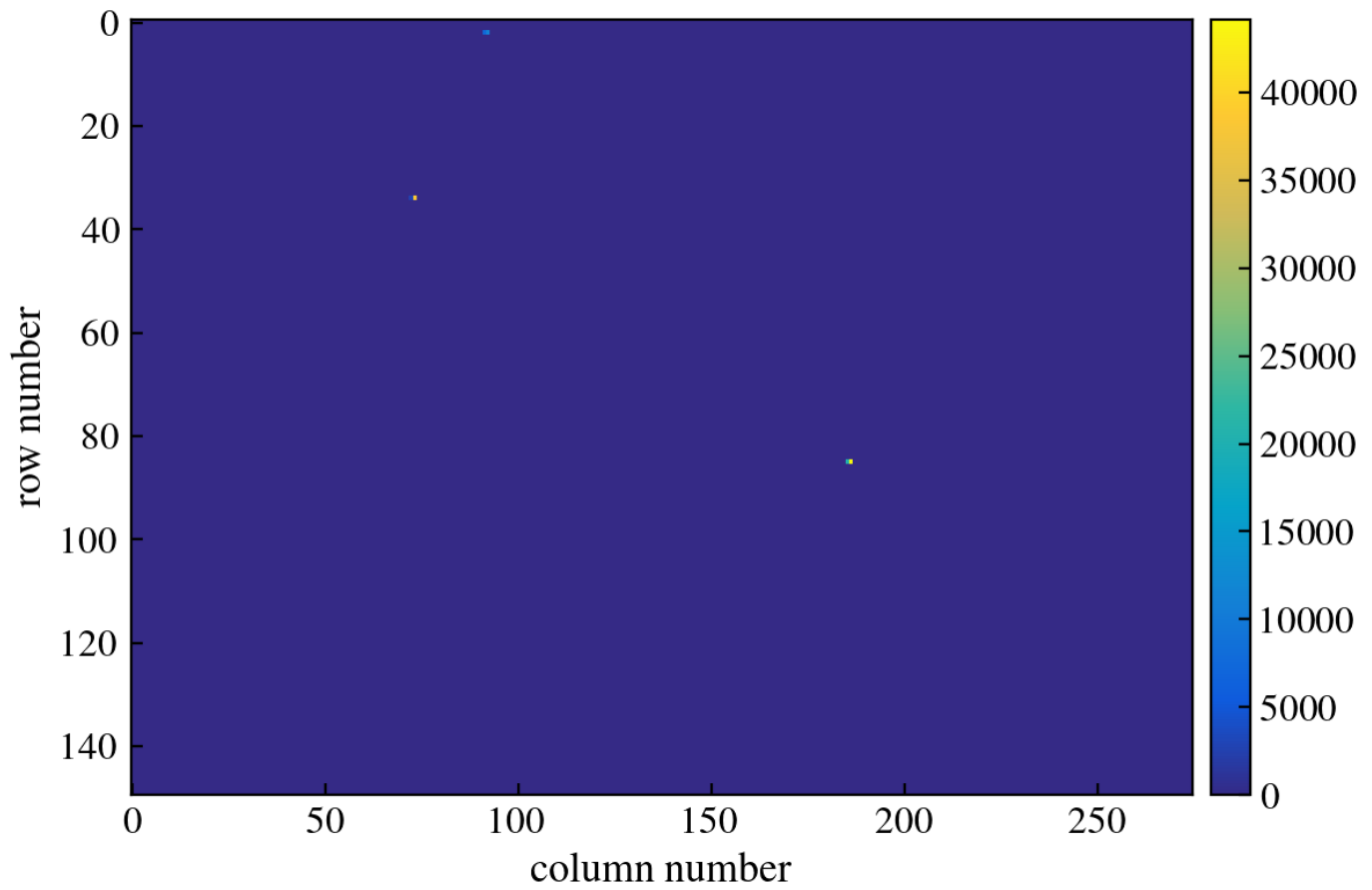


Figure 319: CCD Image

CCD Image: run 490, image 358
[class MECCDImage]

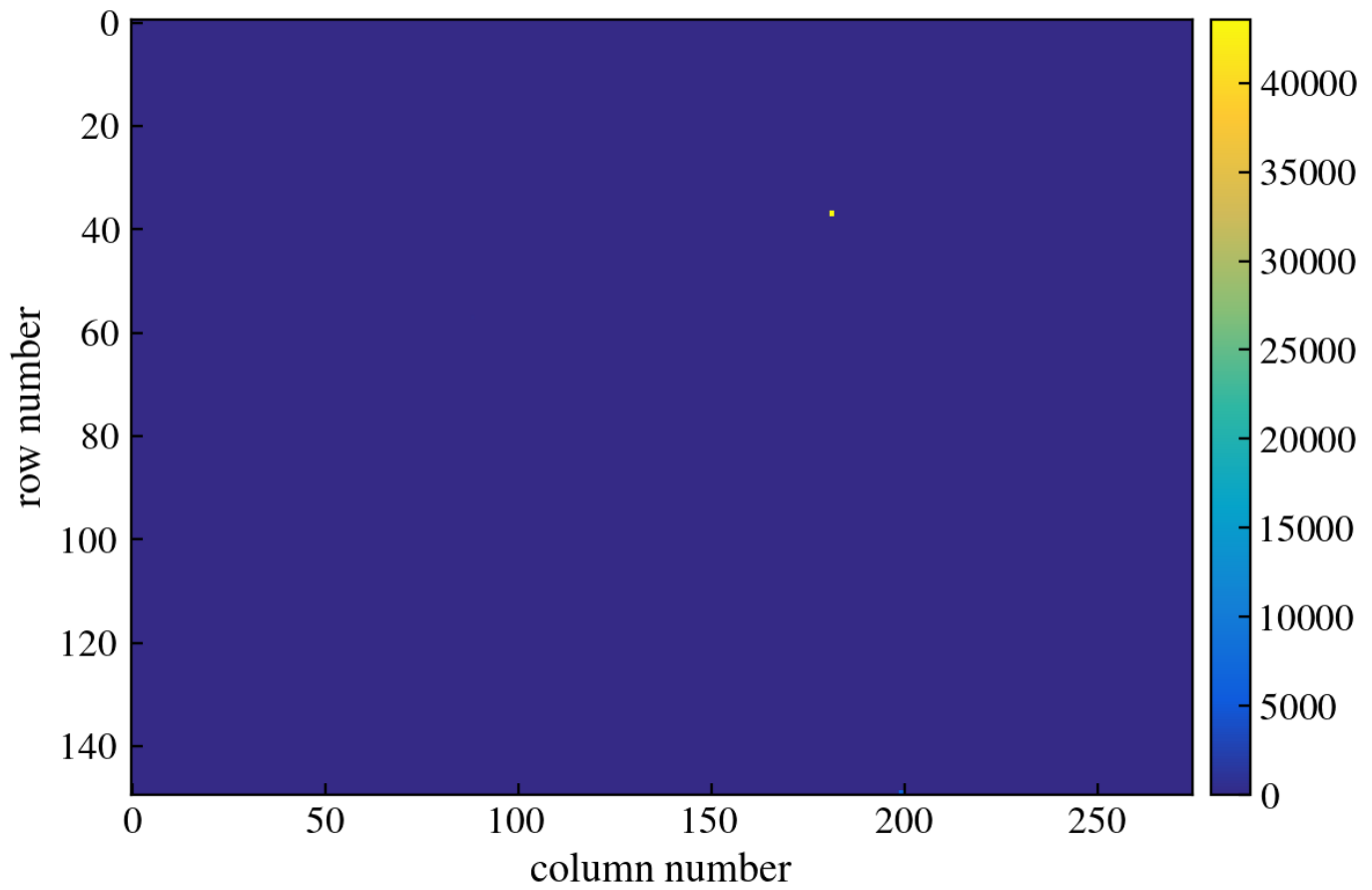


Figure 320: CCD Image

CCD Image: run 490, image 359
[class MECCDImage]

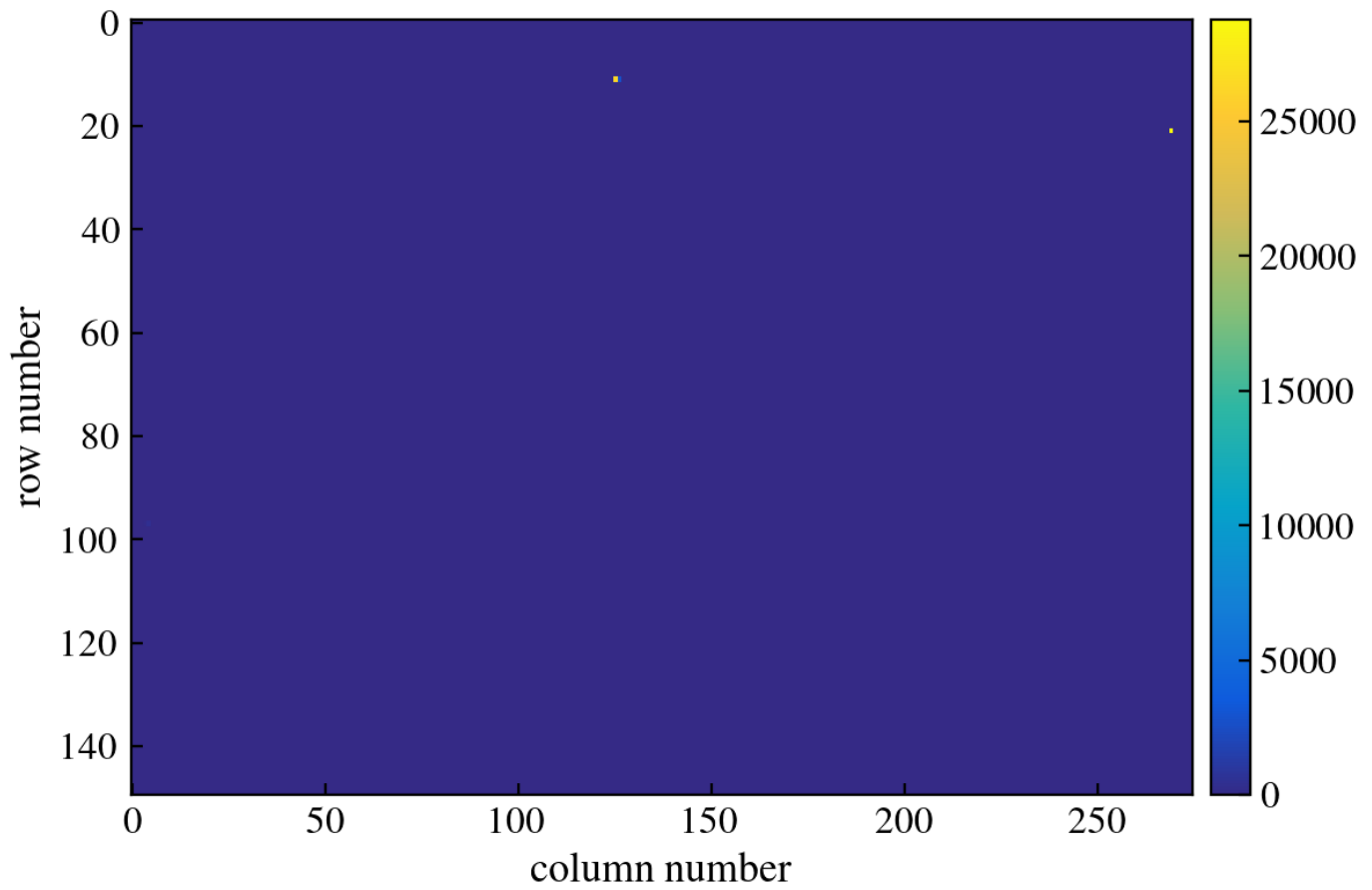


Figure 321: CCD Image

CCD Image: run 490, image 36
[class MECCDImage]

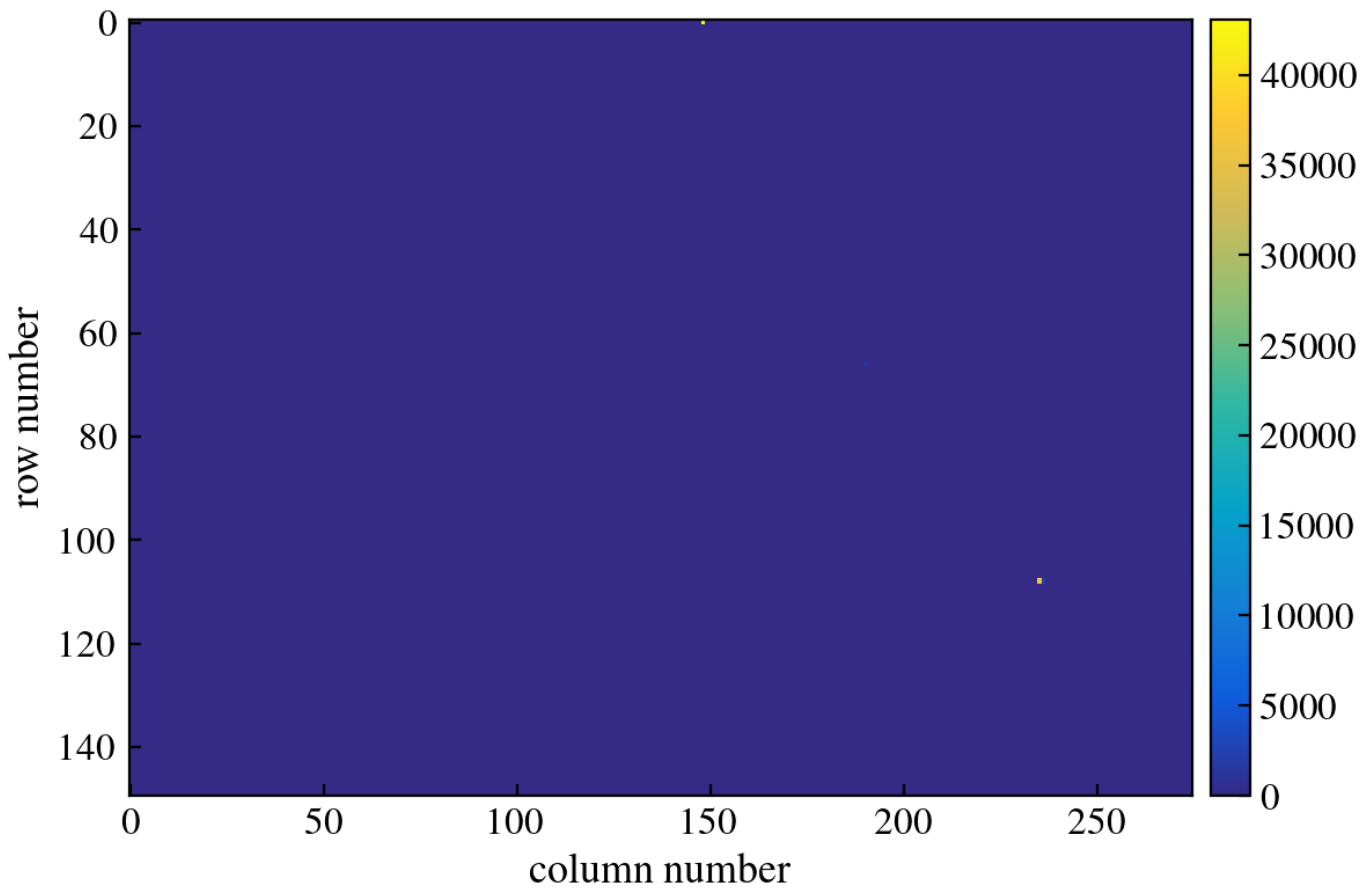


Figure 322: CCD Image

CCD Image: run 490, image 360
[class MECCDImage]

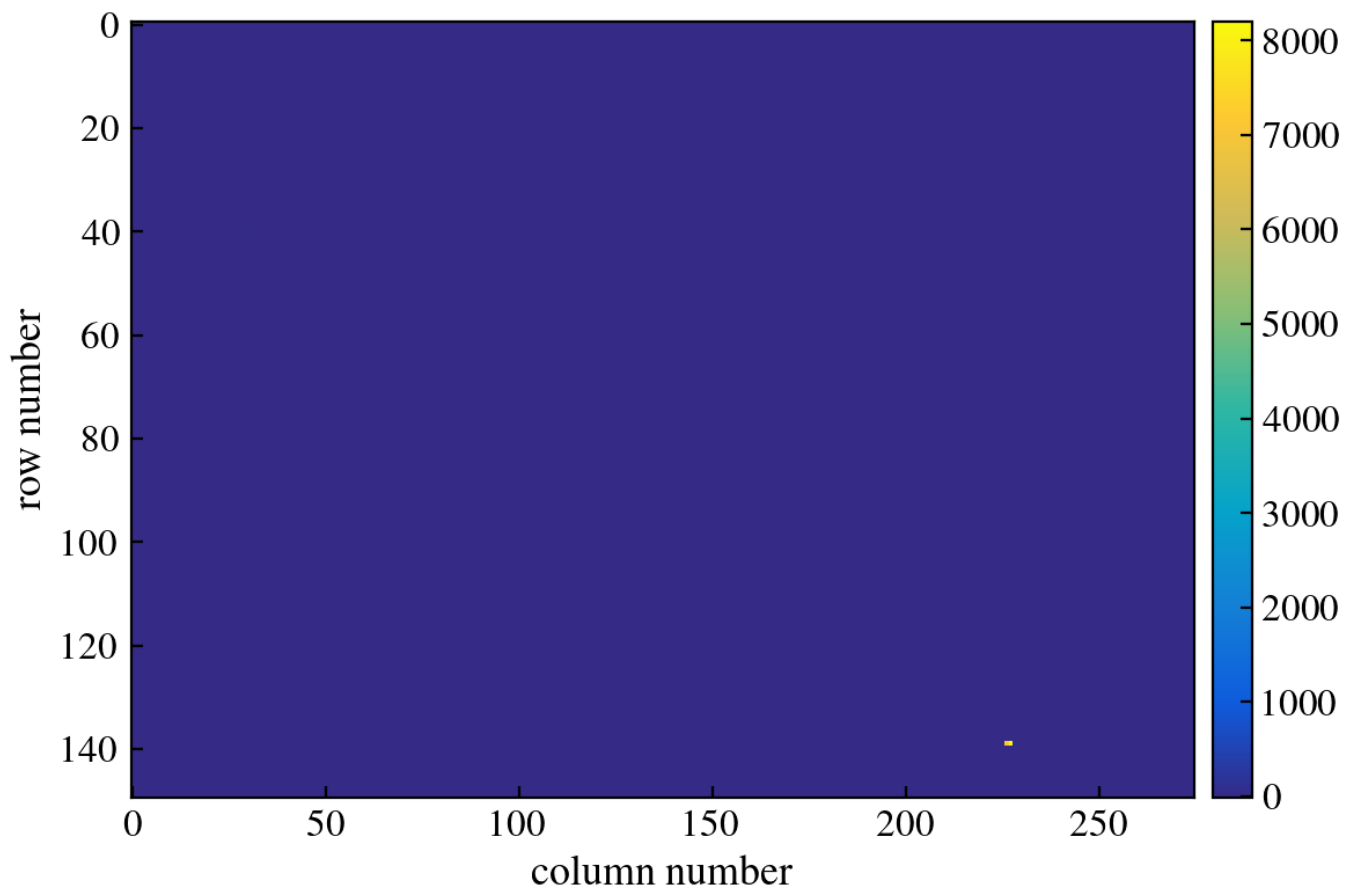


Figure 323: CCD Image

CCD Image: run 490, image 361
[class MECCDImage]

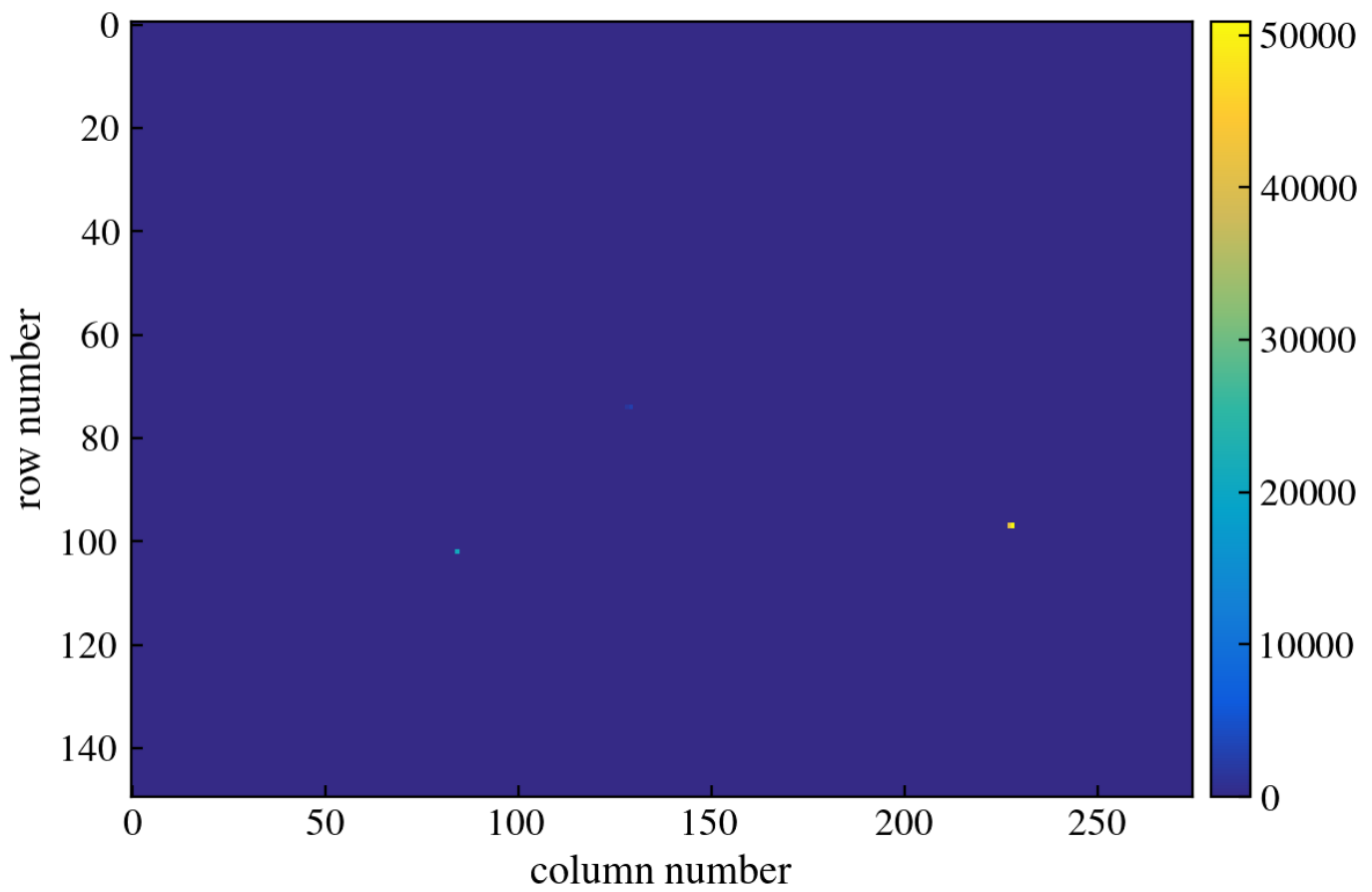


Figure 324: CCD Image

CCD Image: run 490, image 362
[class MECCDImage]

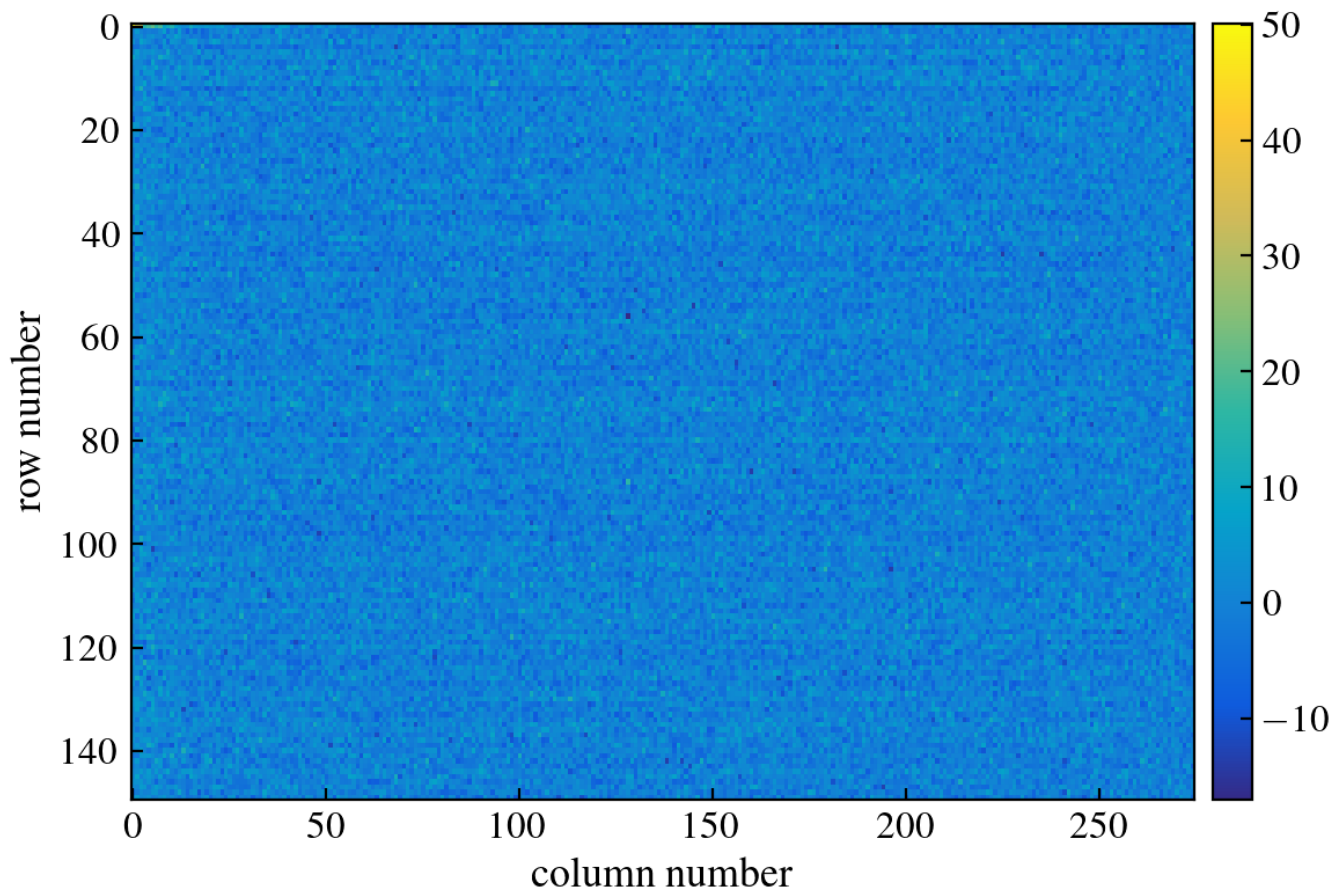


Figure 325: CCD Image

CCD Image: run 490, image 363
[class MECCDImage]

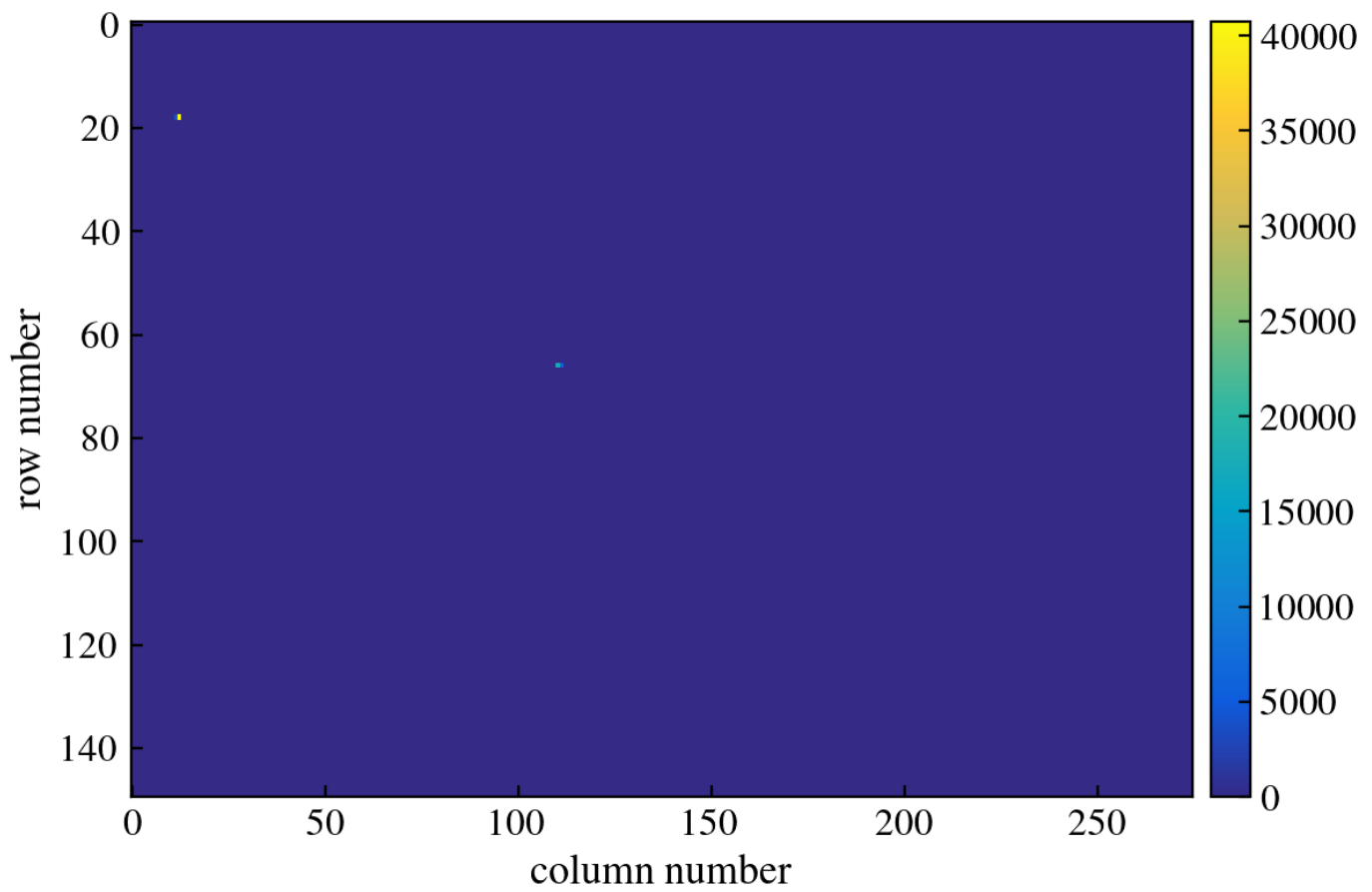


Figure 326: CCD Image

CCD Image: run 490, image 364
[class MECCDImage]

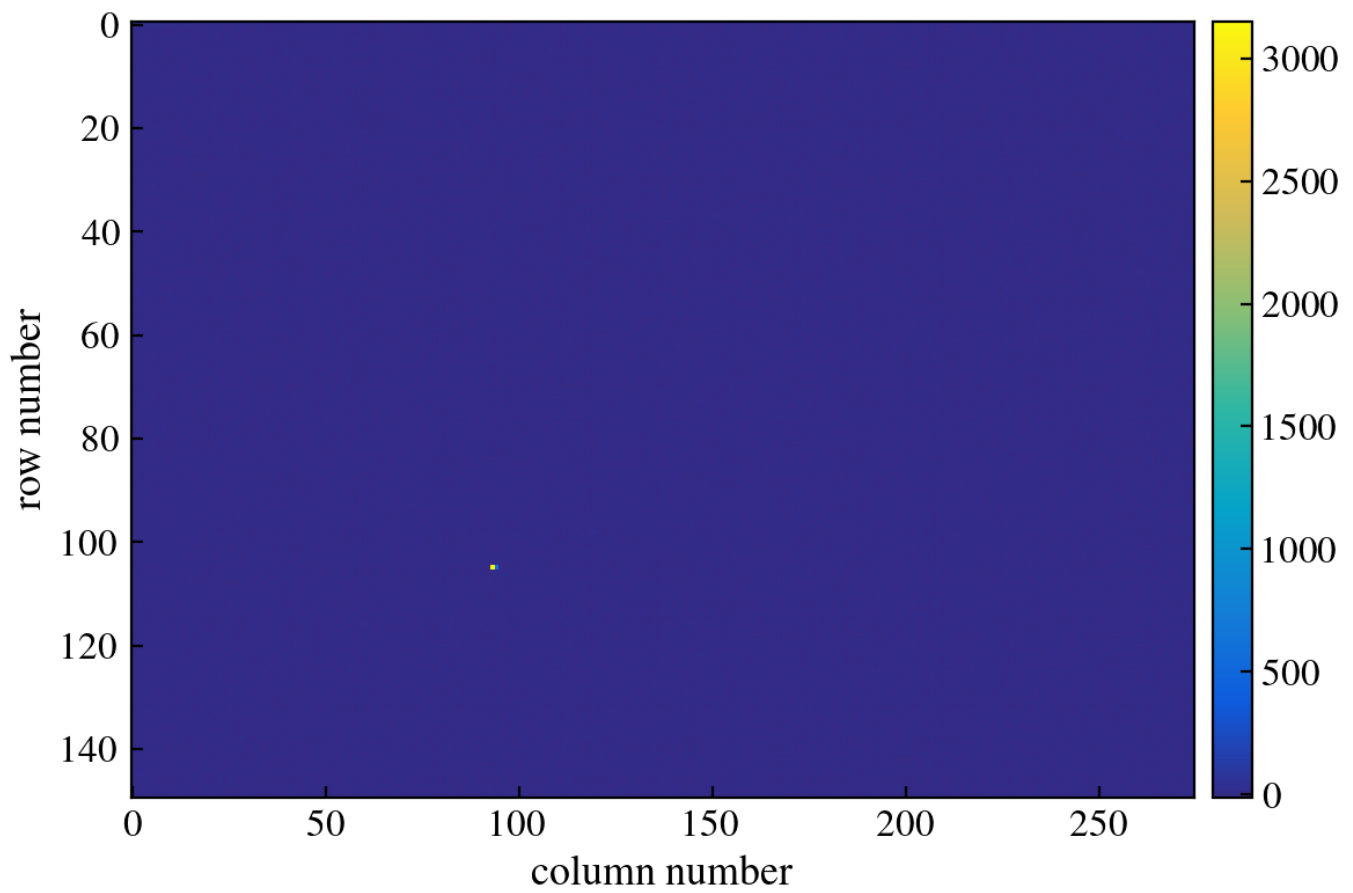


Figure 327: CCD Image

CCD Image: run 490, image 365
[class MECCDImage]

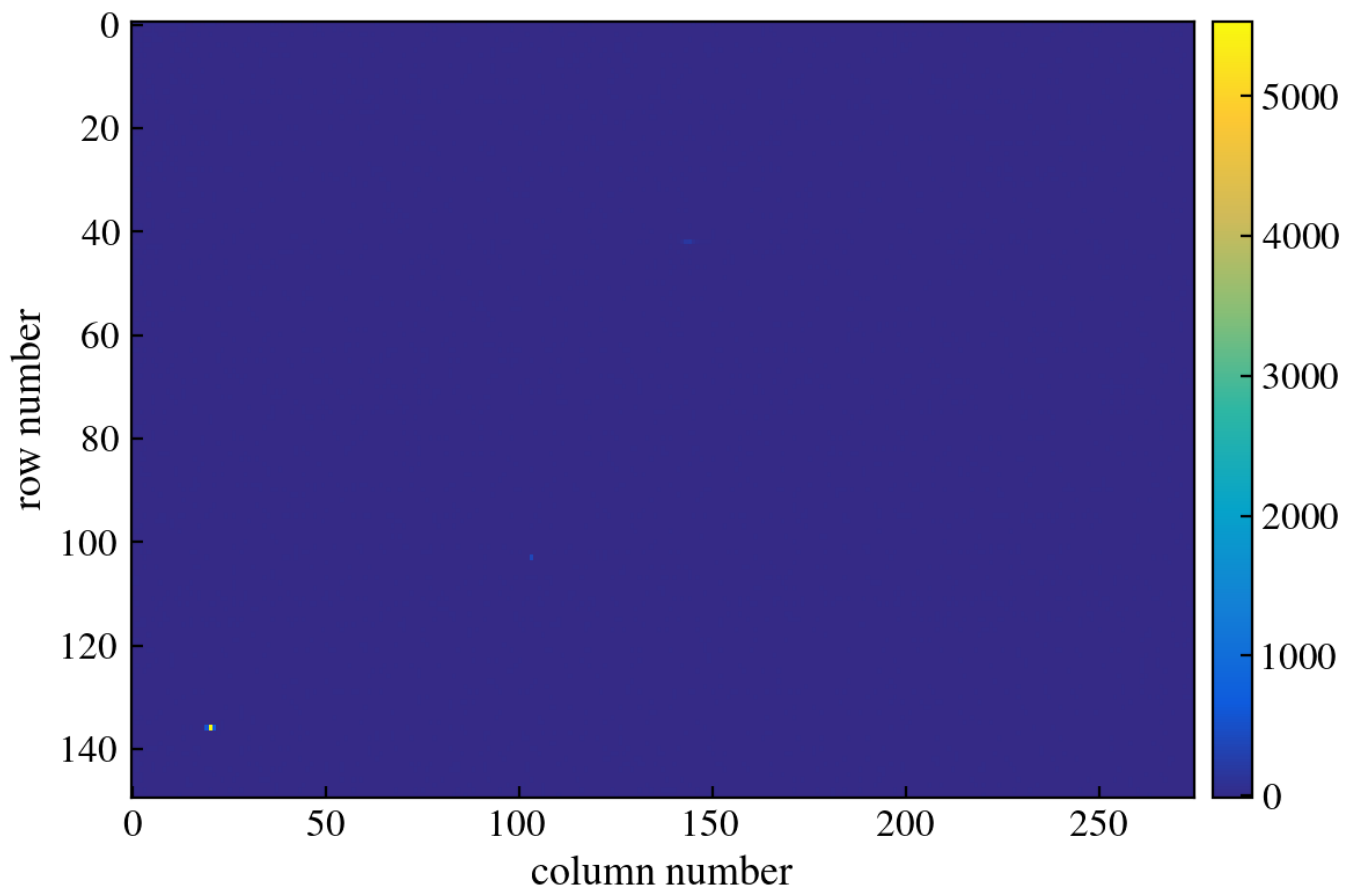


Figure 328: CCD Image

CCD Image: run 490, image 366
[class MECCDImage]

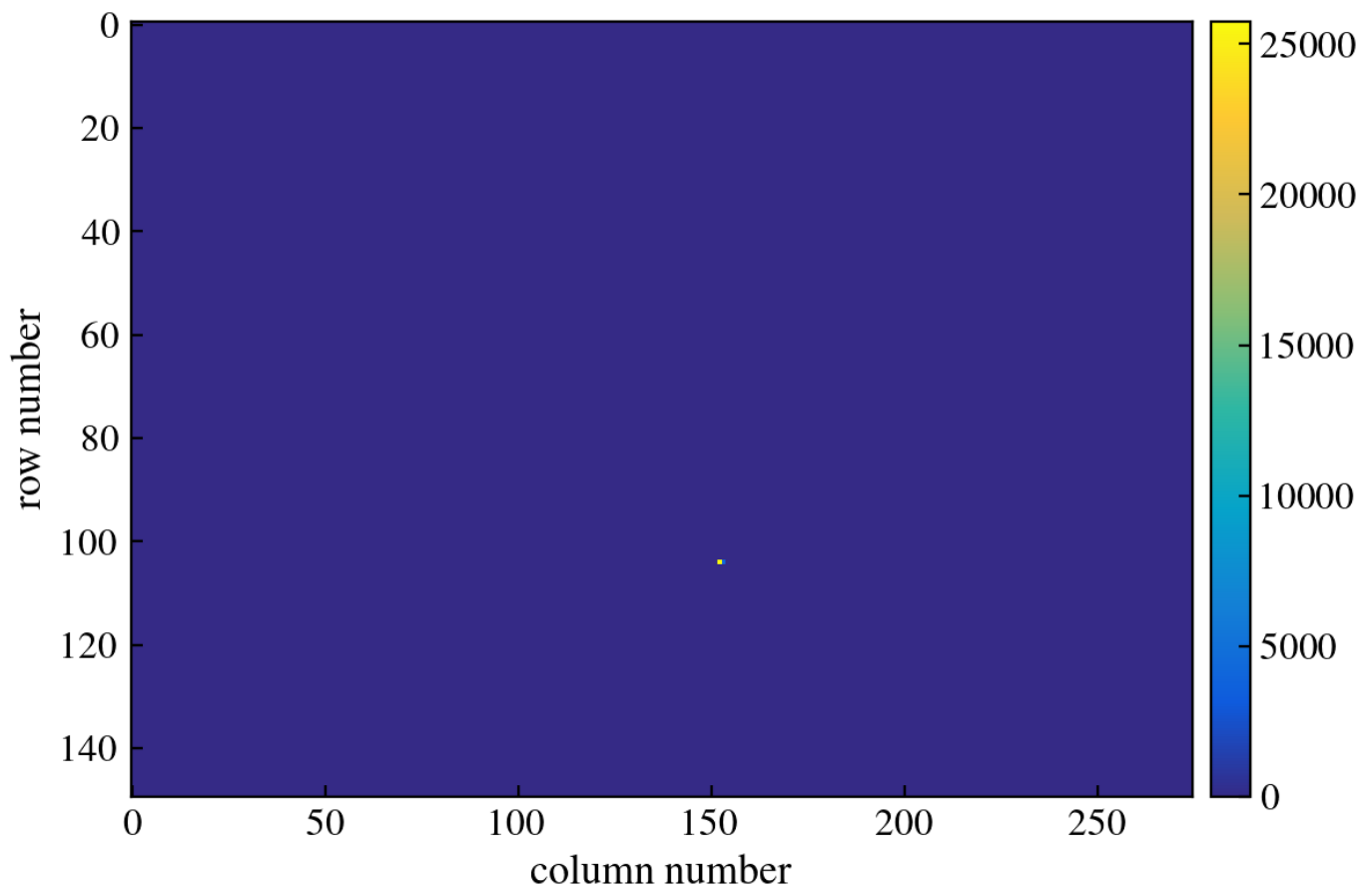


Figure 329: CCD Image

CCD Image: run 490, image 367
[class MECCDImage]

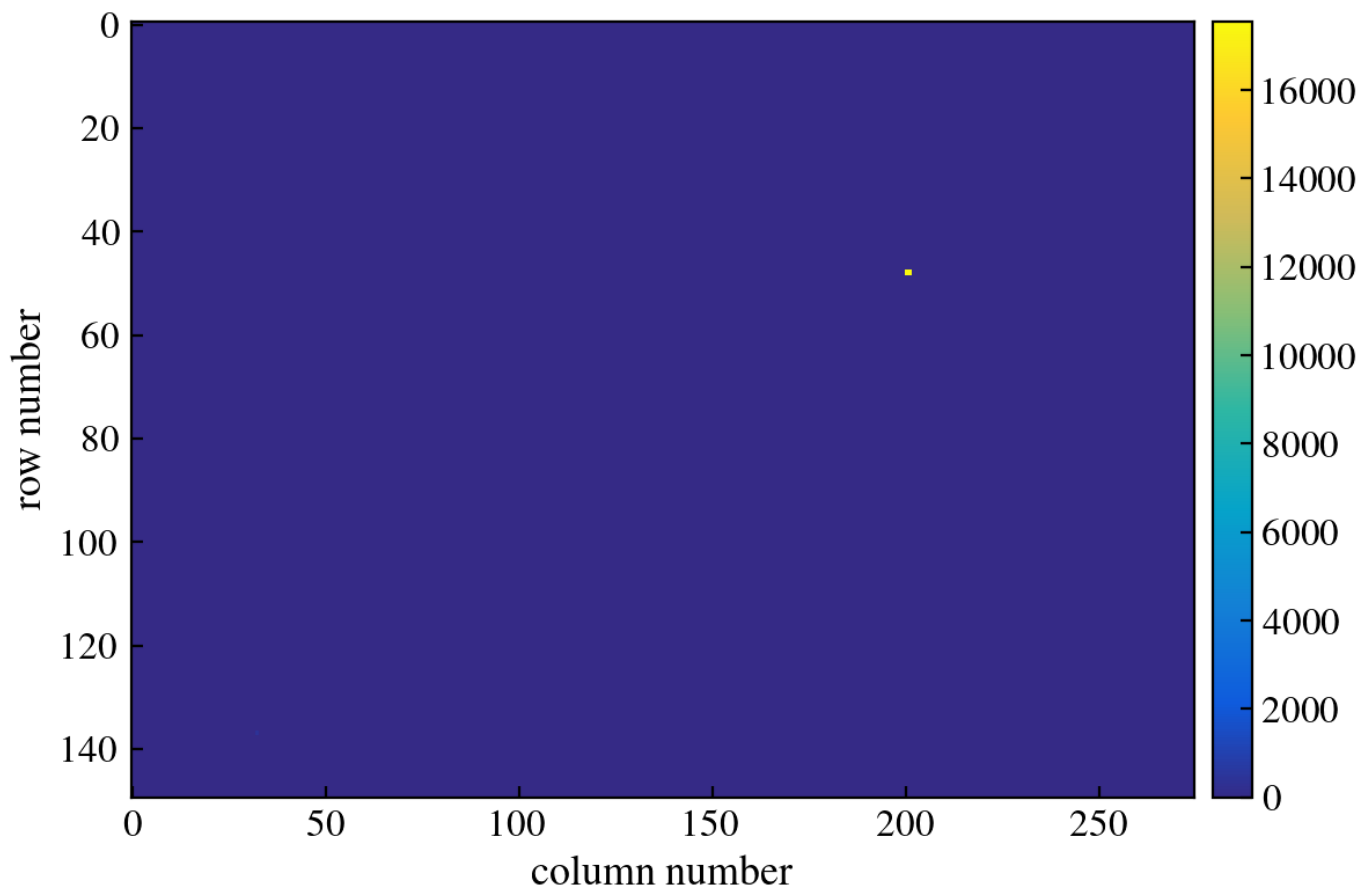


Figure 330: CCD Image

CCD Image: run 490, image 368
[class MECCDImage]

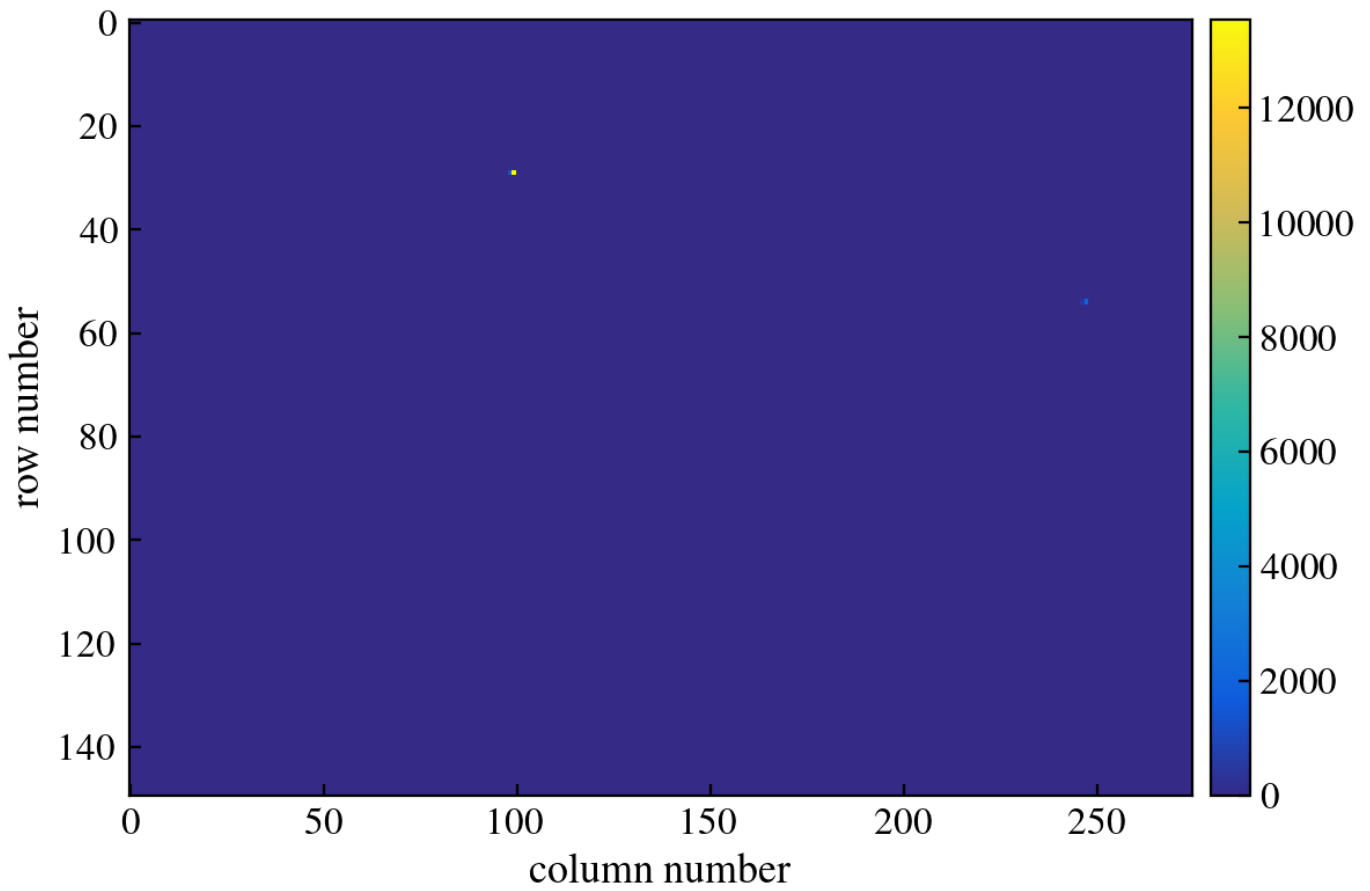


Figure 331: CCD Image

CCD Image: run 490, image 369
[class MECCDImage]

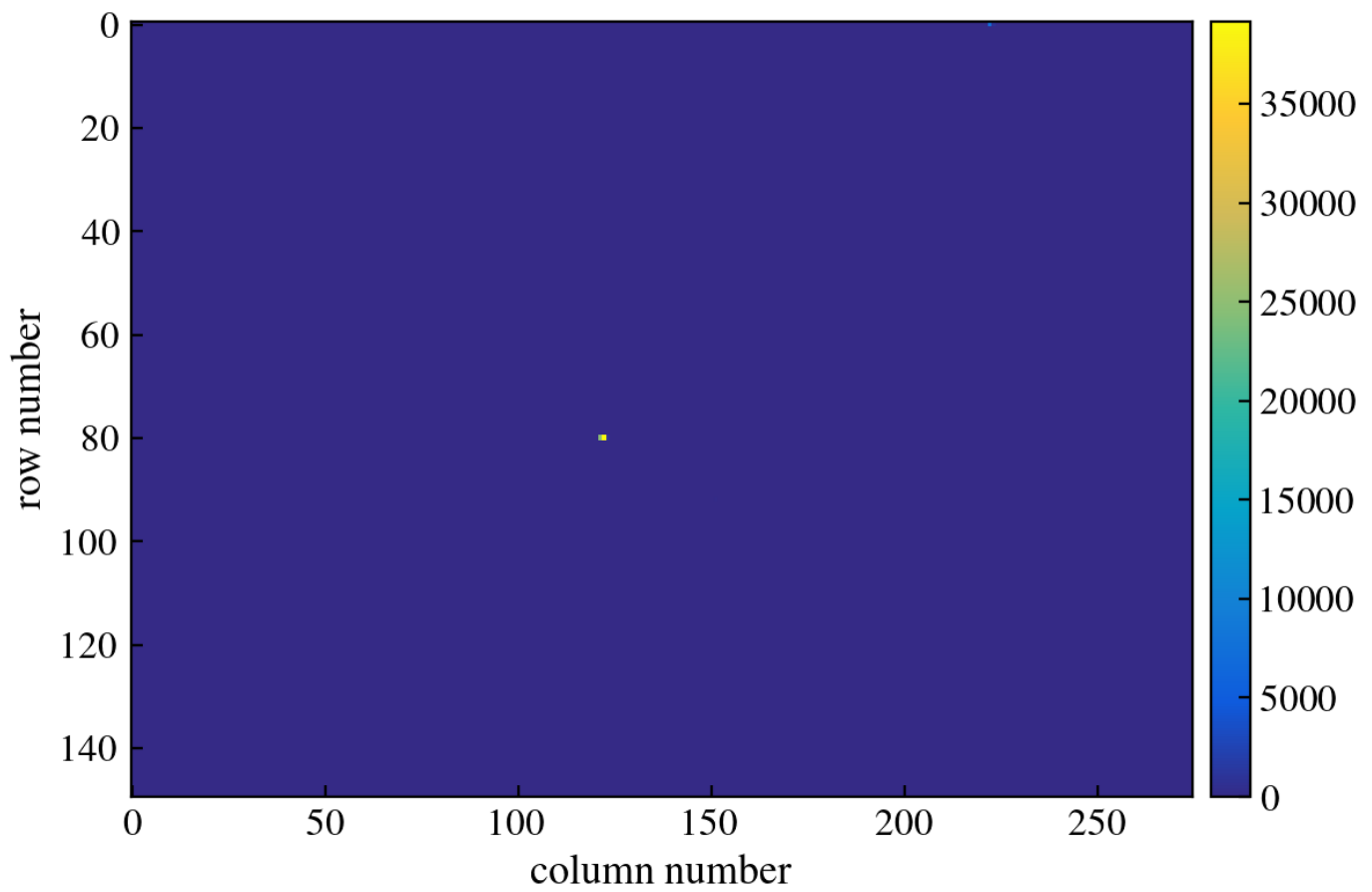


Figure 332: CCD Image

CCD Image: run 490, image 37
[class MECCDImage]

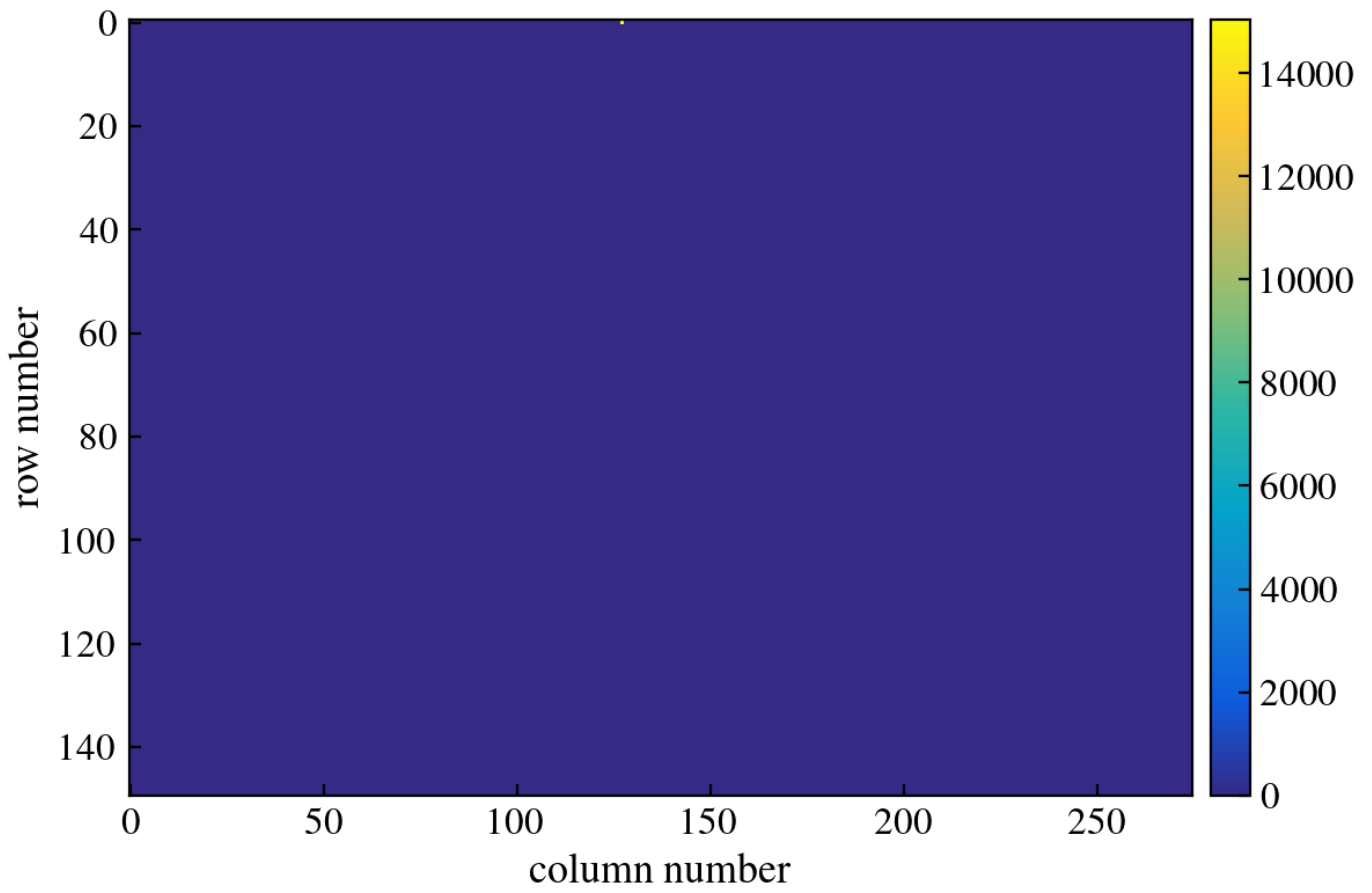


Figure 333: CCD Image

CCD Image: run 490, image 370
[class MECCDImage]

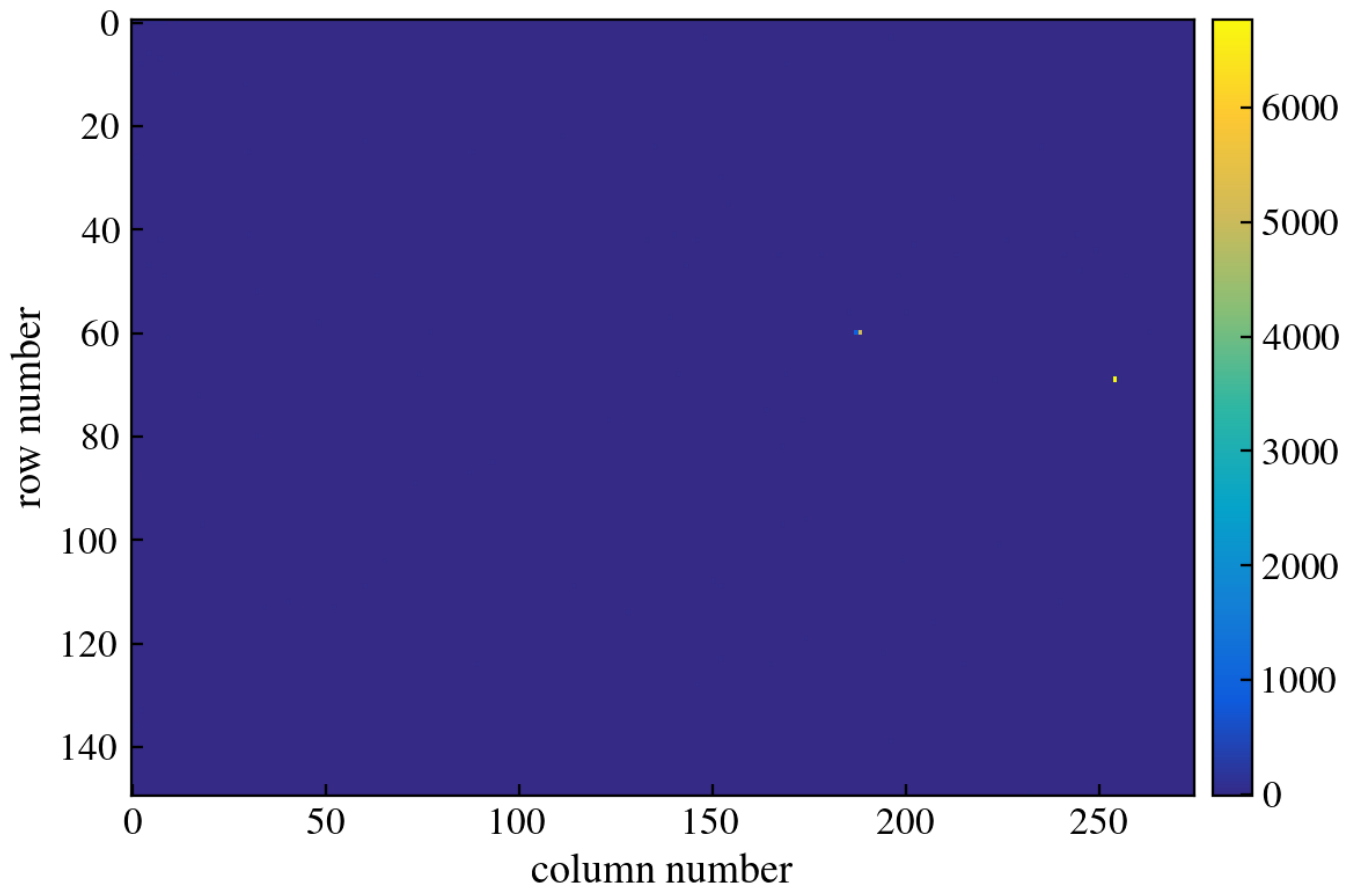


Figure 334: CCD Image

CCD Image: run 490, image 371
[class MECCDImage]

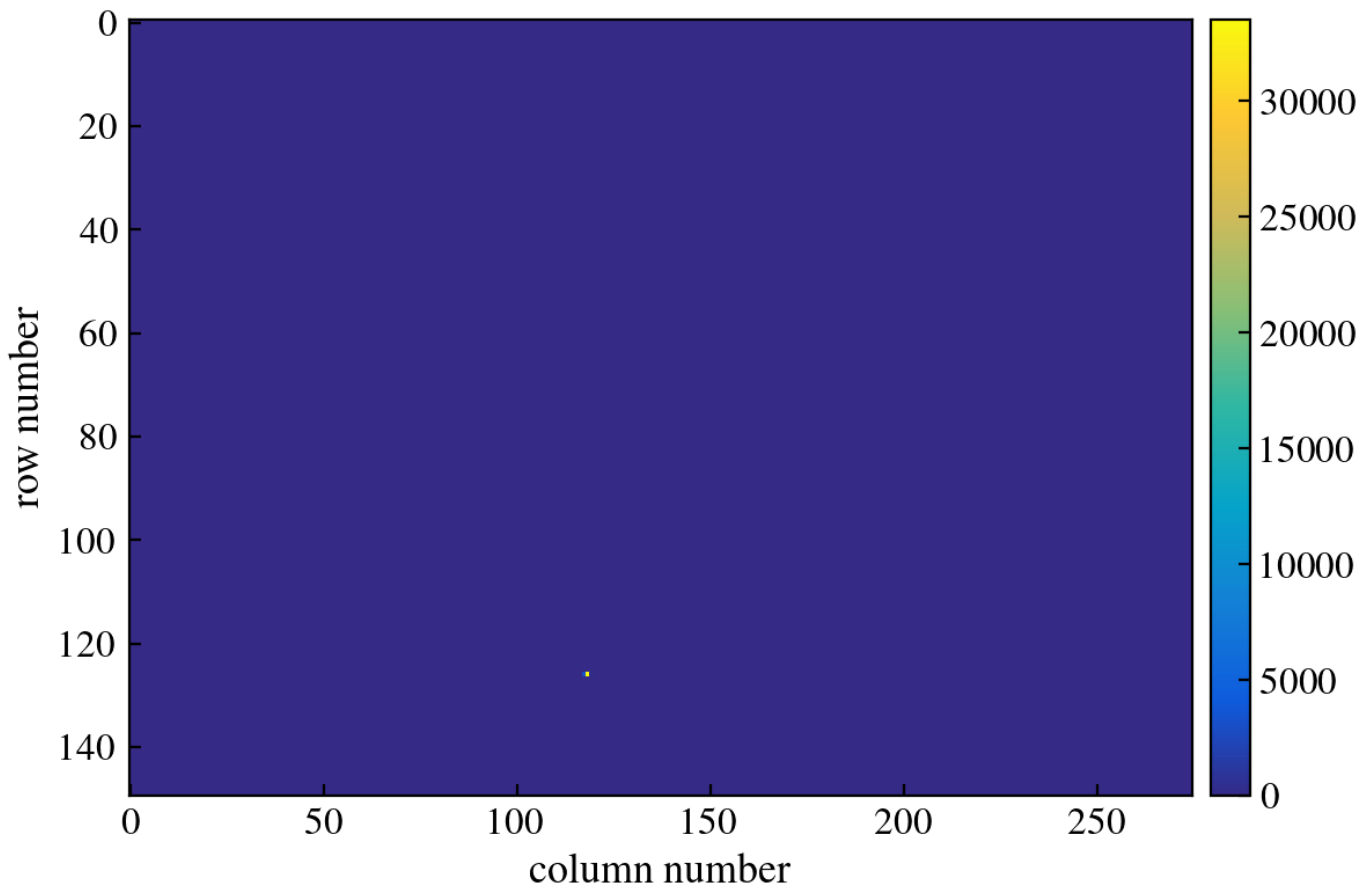


Figure 335: CCD Image

CCD Image: run 490, image 372
[class MECCDImage]

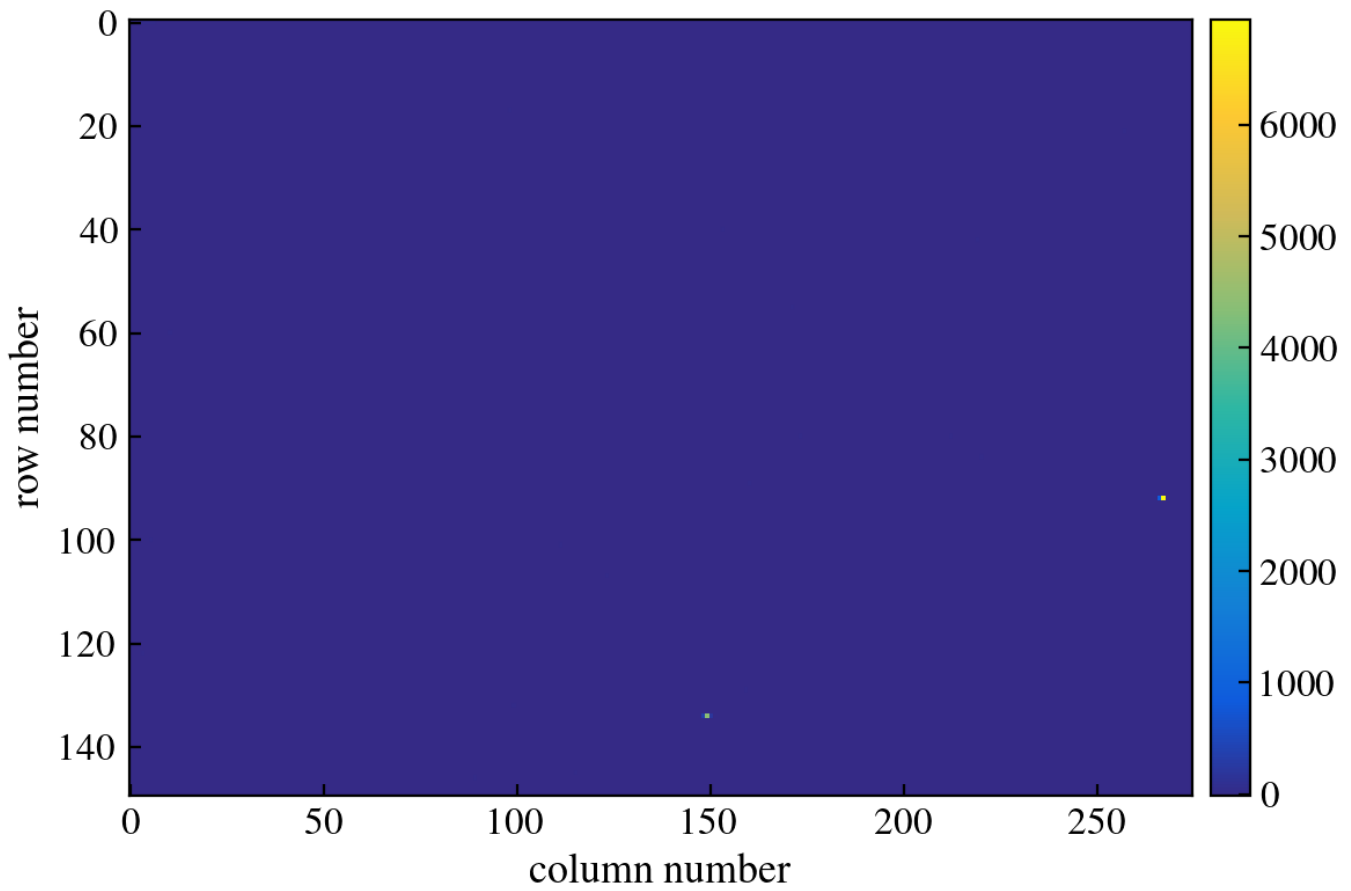


Figure 336: CCD Image

CCD Image: run 490, image 373
[class MECCDImage]

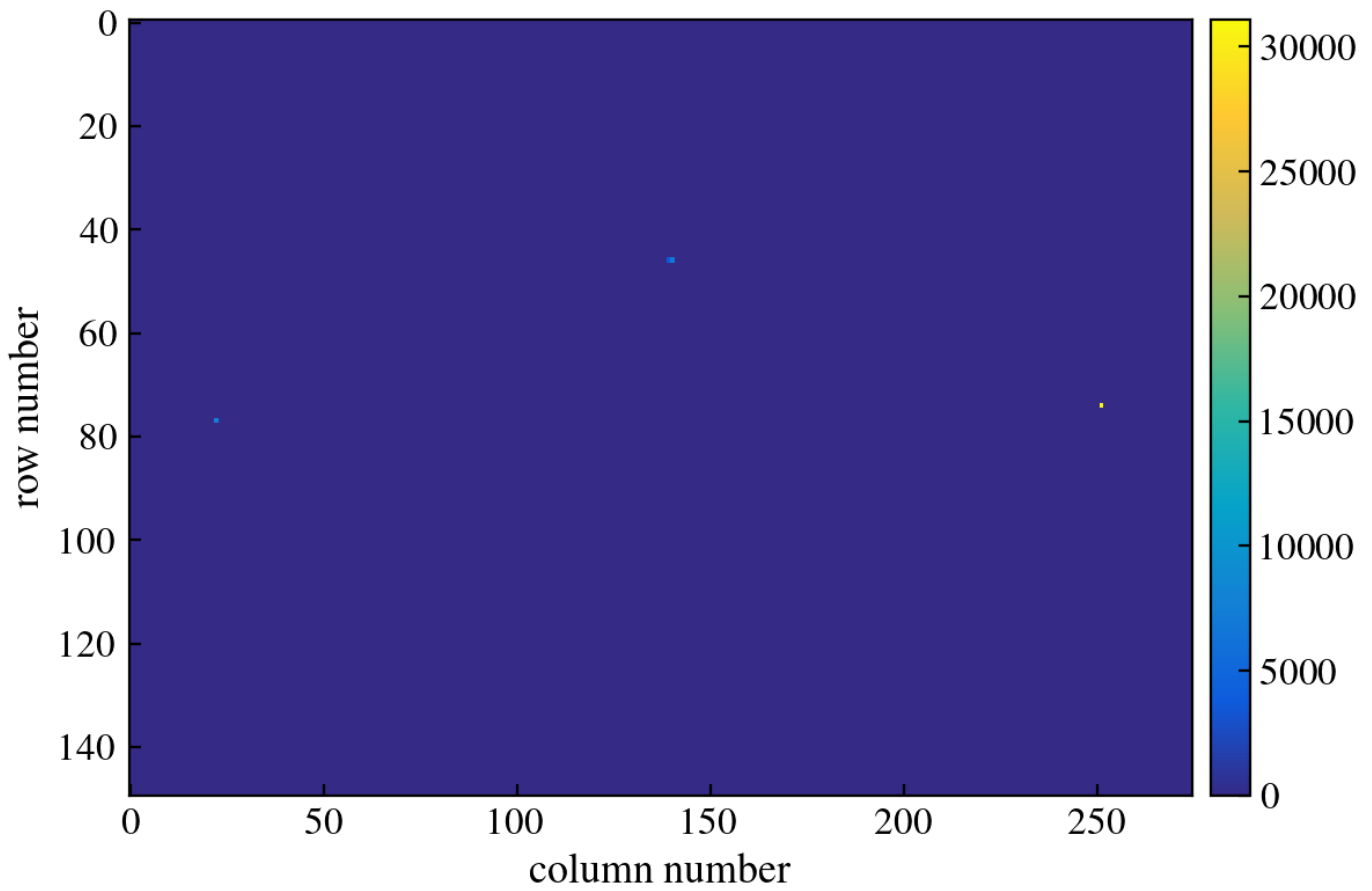


Figure 337: CCD Image

CCD Image: run 490, image 374
[class MECCDImage]

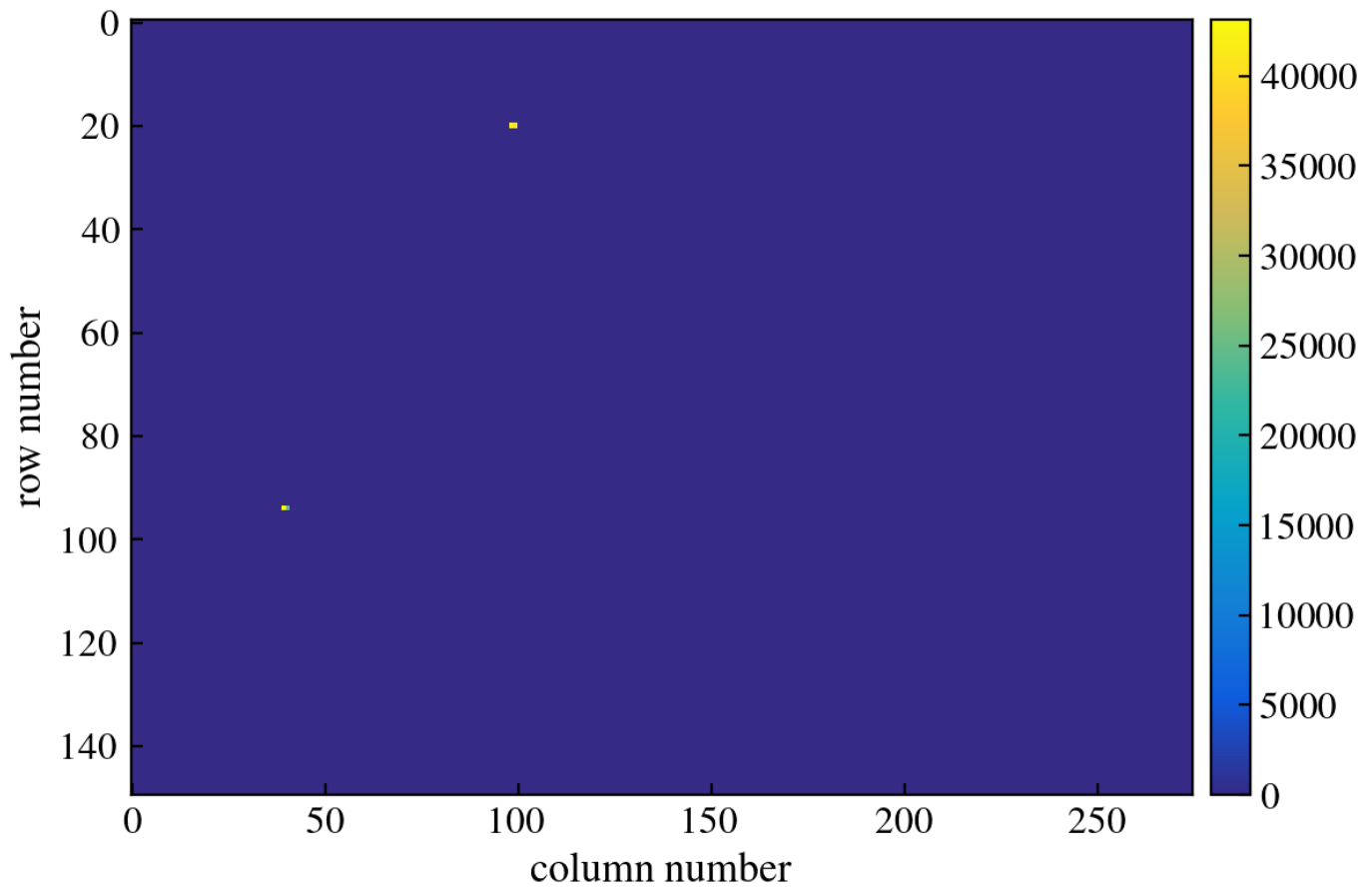


Figure 338: CCD Image

CCD Image: run 490, image 375
[class MECCDImage]

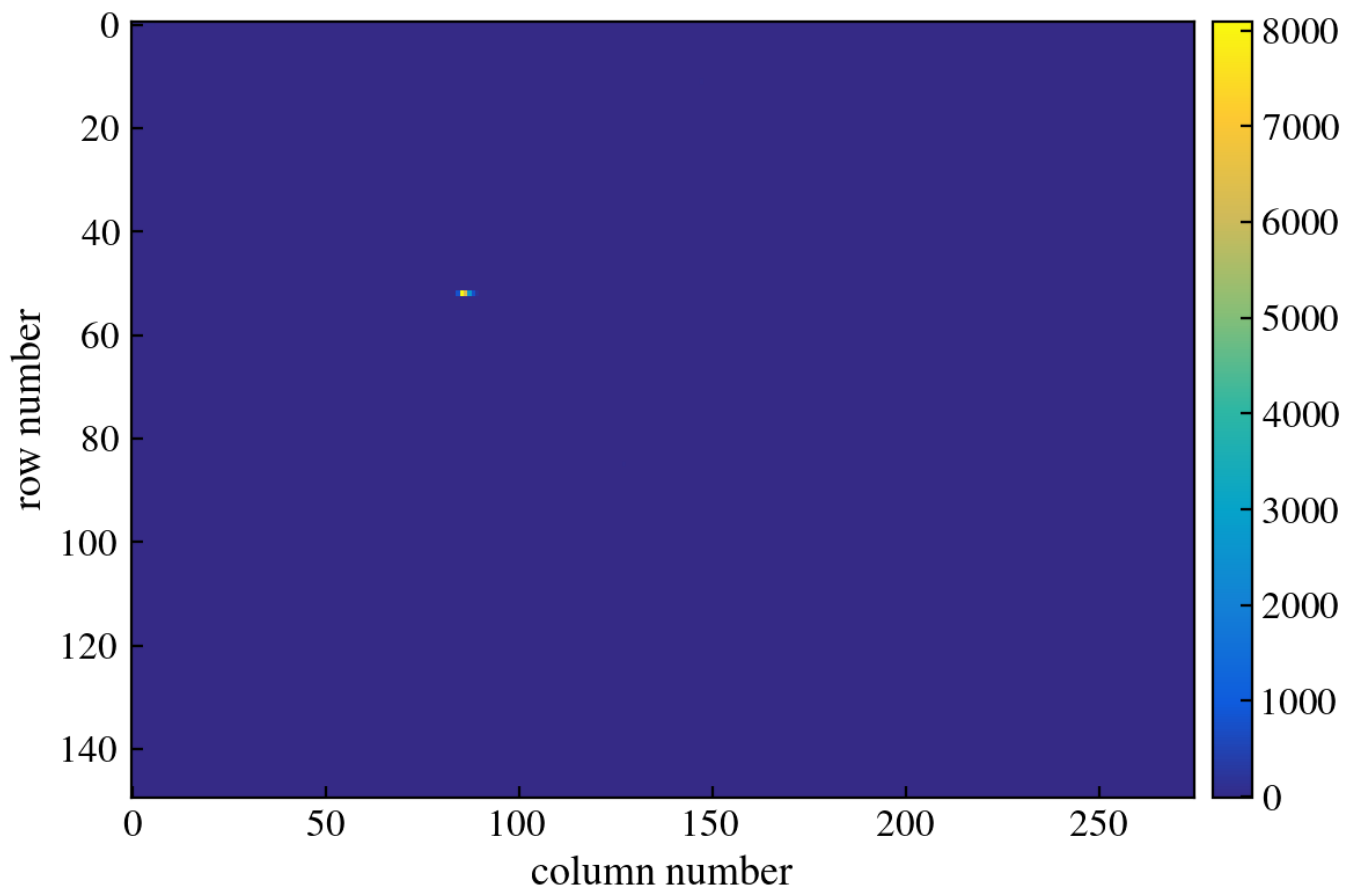


Figure 339: CCD Image

CCD Image: run 490, image 376
[class MECCDImage]

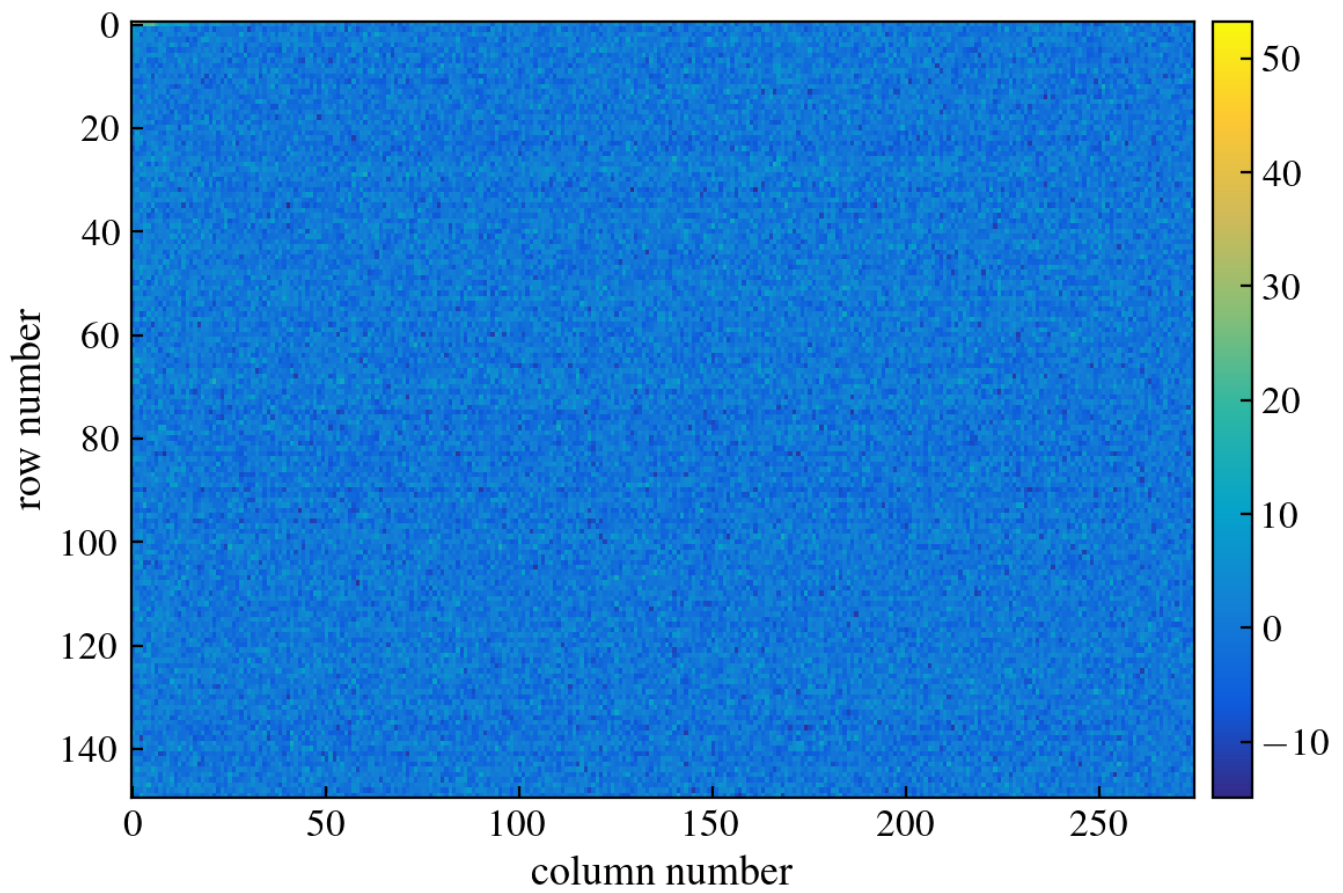


Figure 340: CCD Image

CCD Image: run 490, image 377
[class MECCDImage]

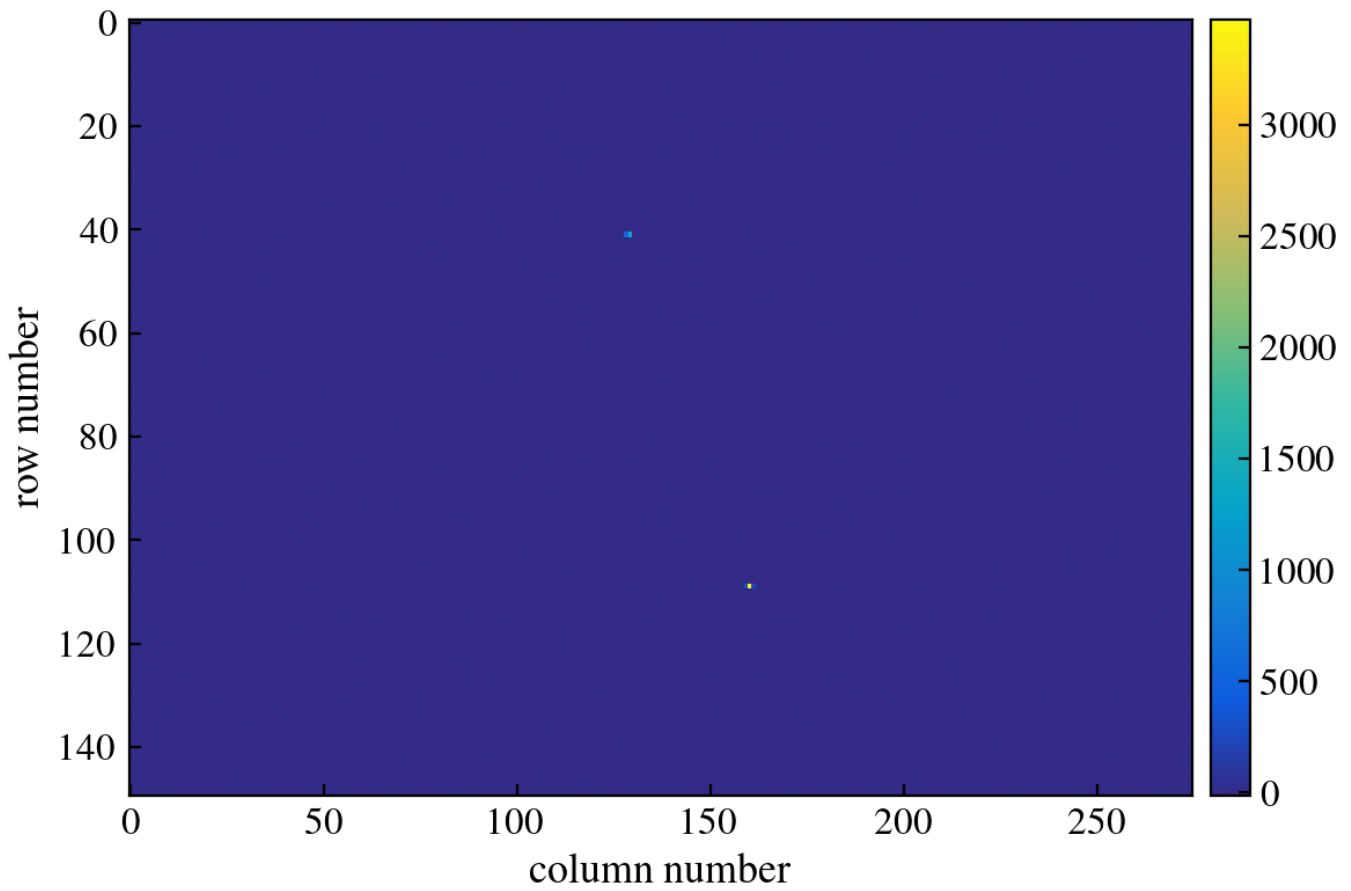


Figure 341: CCD Image

CCD Image: run 490, image 378
[class MECCDImage]

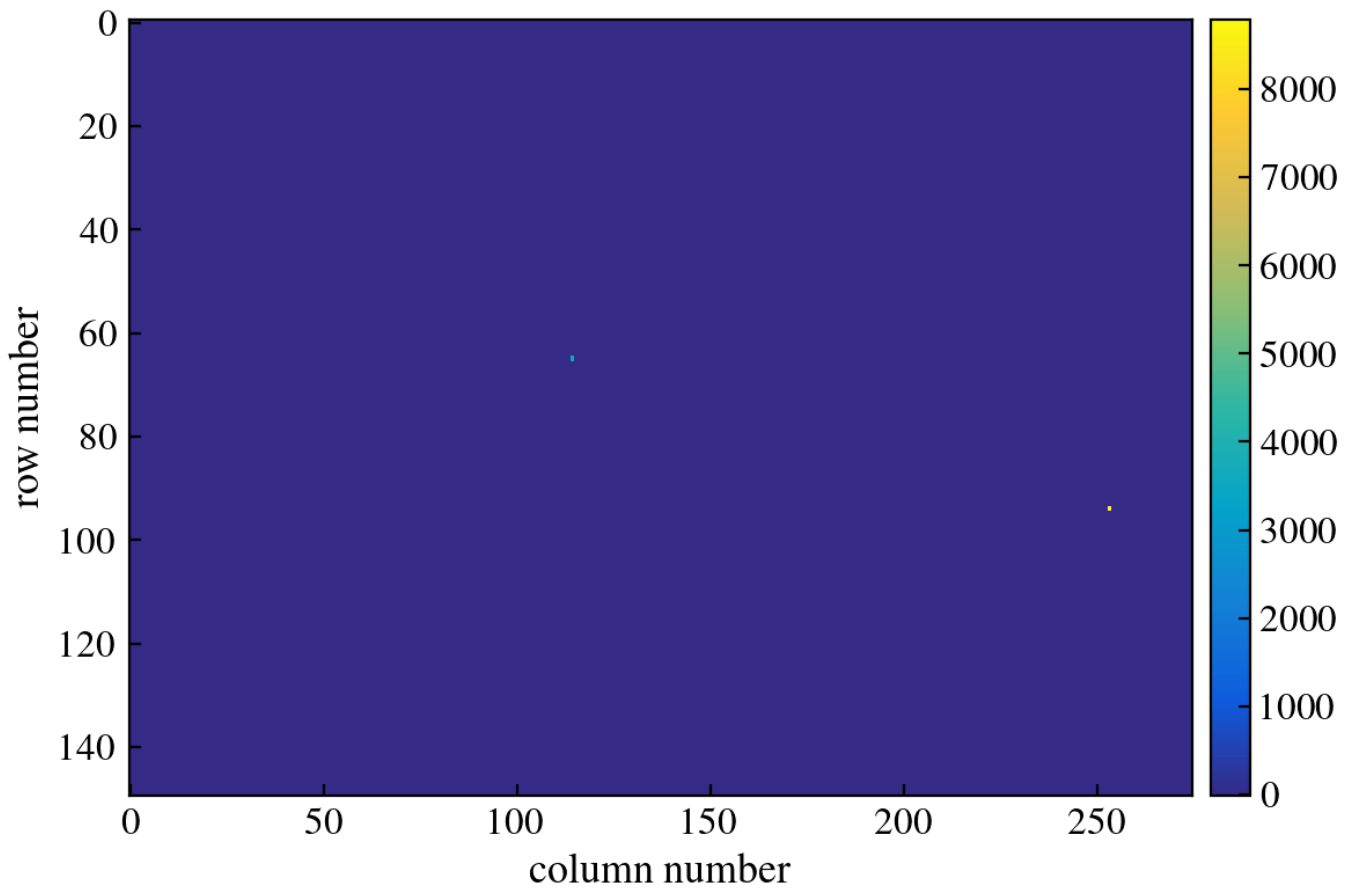


Figure 342: CCD Image

CCD Image: run 490, image 379
[class MECCDImage]

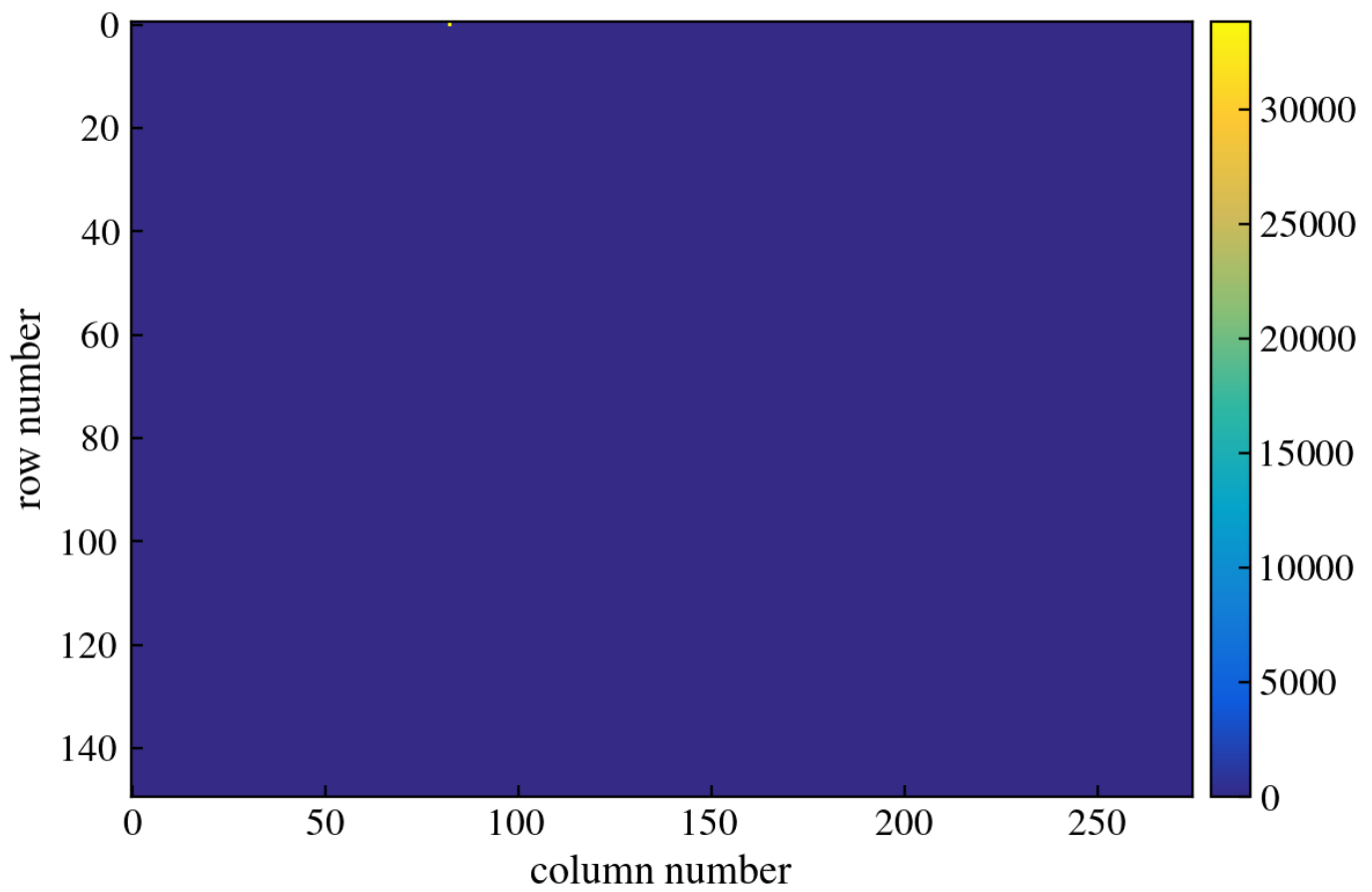


Figure 343: CCD Image

CCD Image: run 490, image 38
[class MECCDImage]

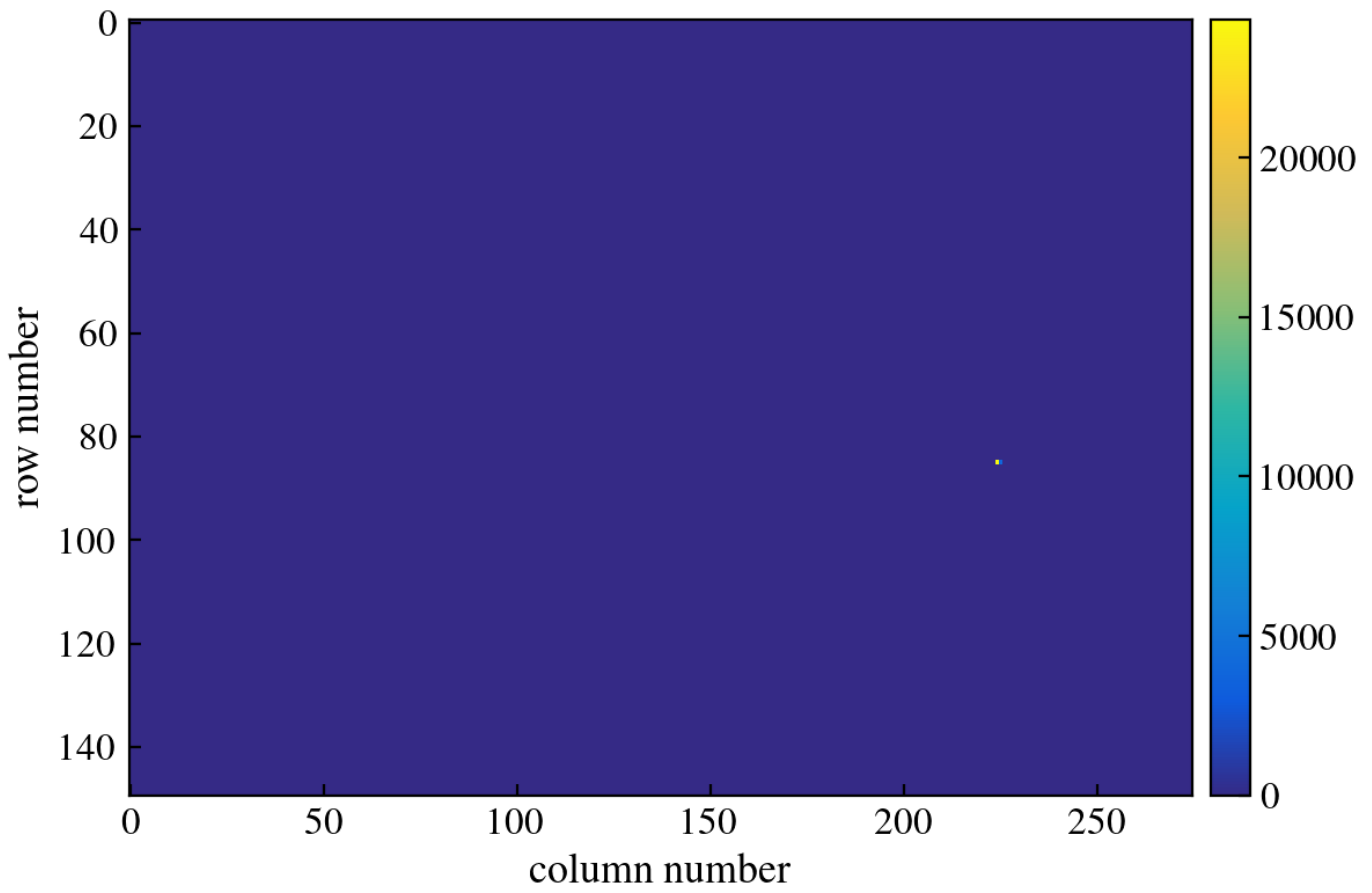


Figure 344: CCD Image

CCD Image: run 490, image 380
[class MECCDImage]

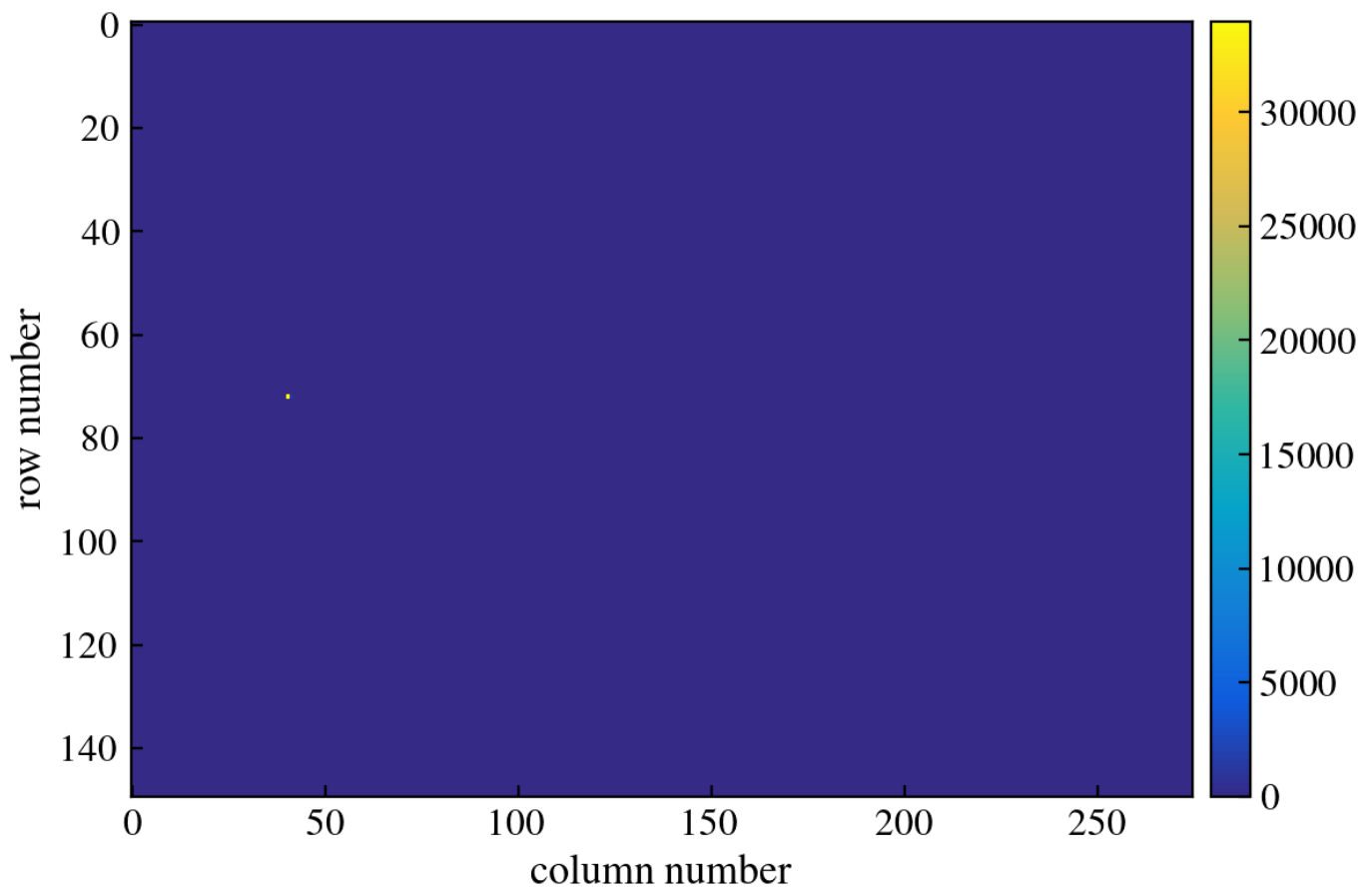


Figure 345: CCD Image

CCD Image: run 490, image 381
[class MECCDImage]

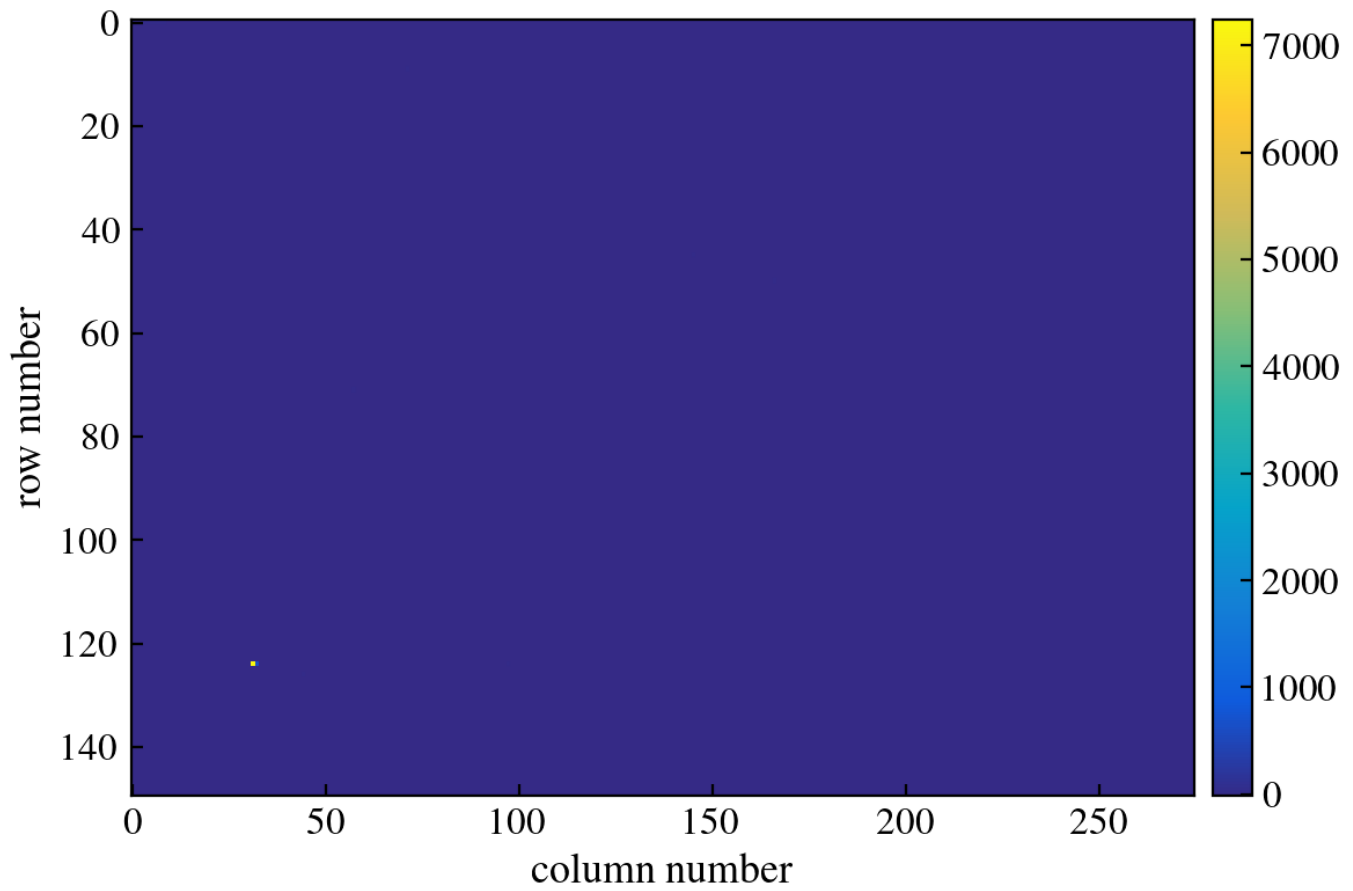


Figure 346: CCD Image

CCD Image: run 490, image 382
[class MECCDImage]

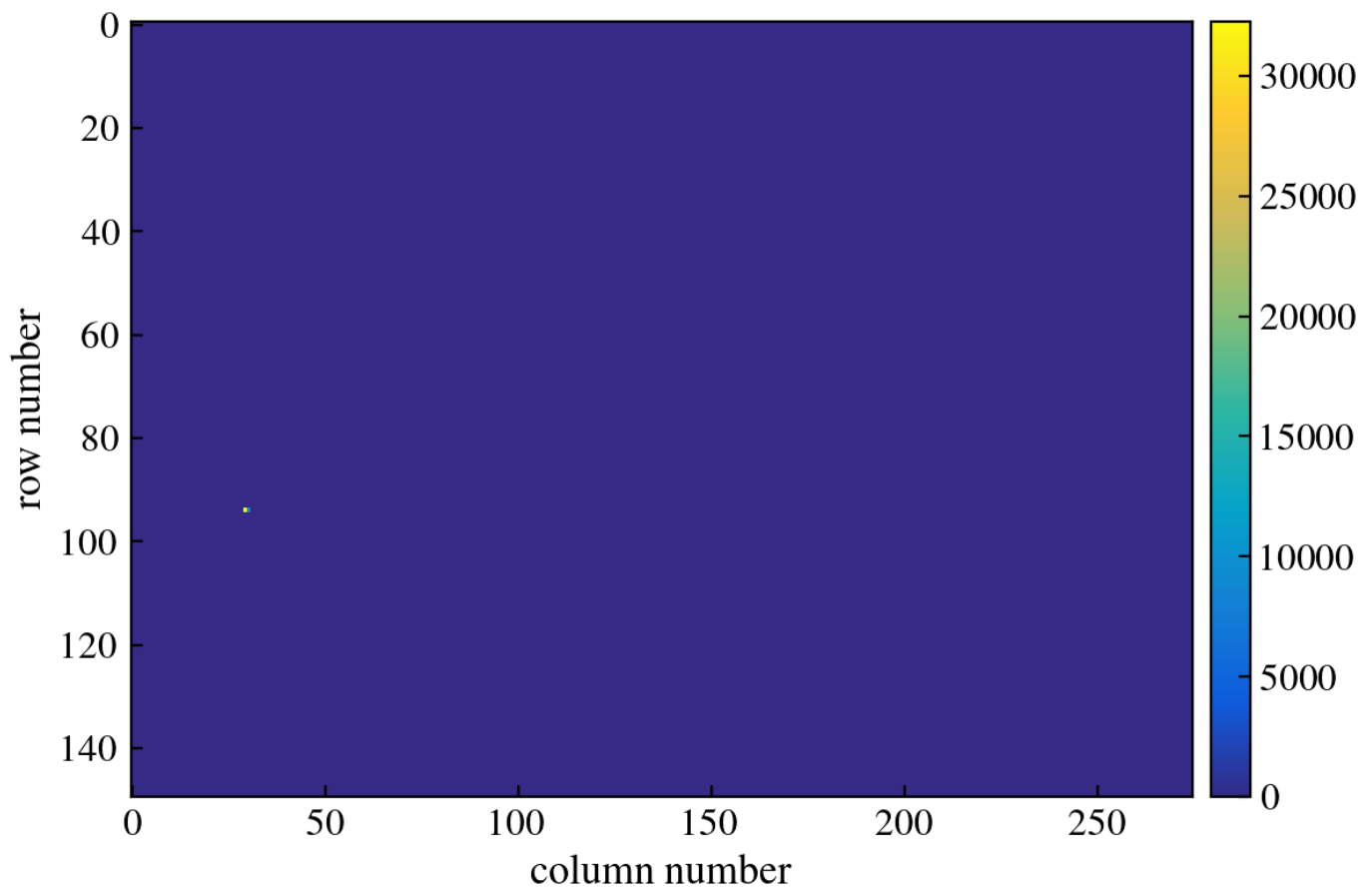


Figure 347: CCD Image

CCD Image: run 490, image 383
[class MECCDImage]

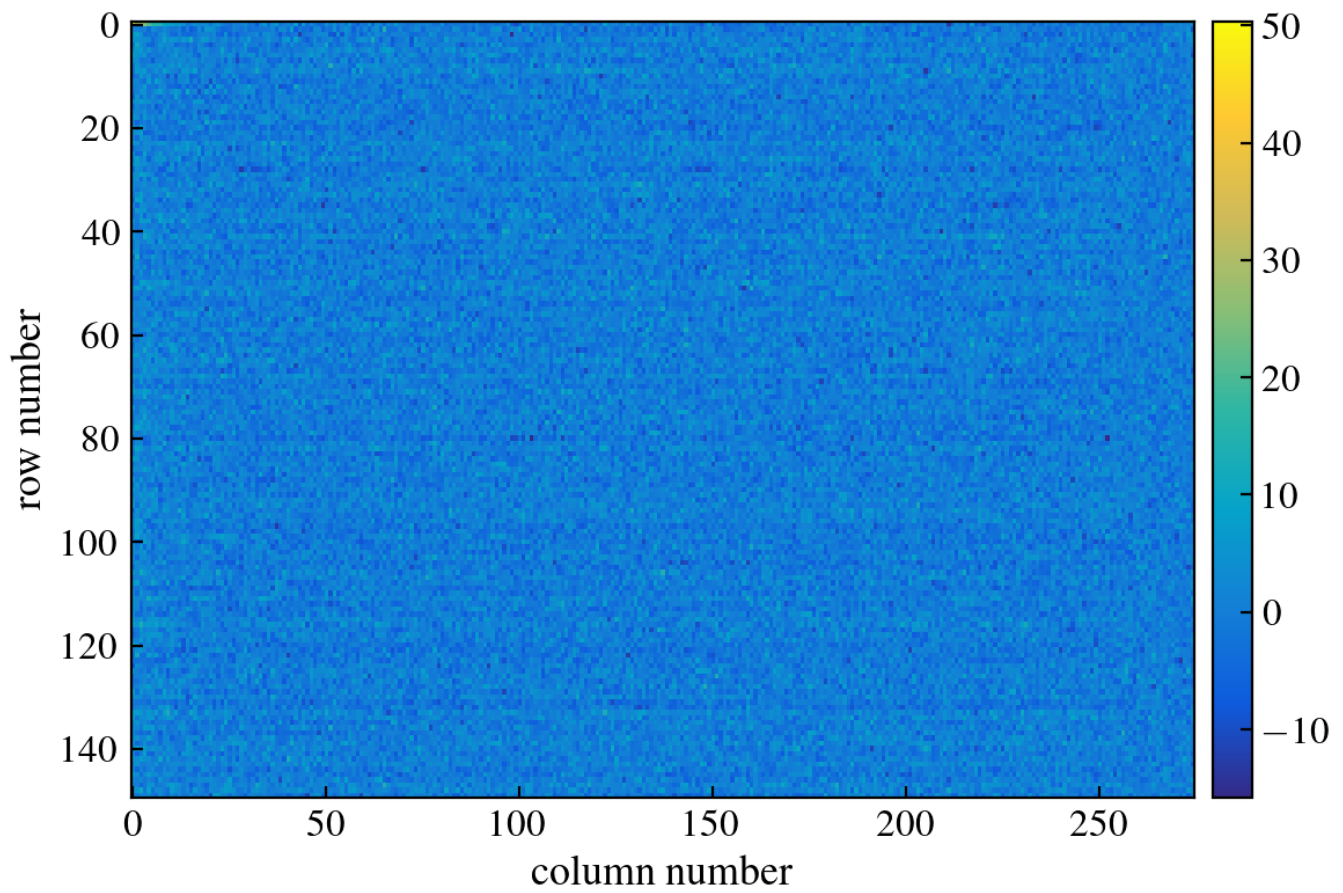


Figure 348: CCD Image

CCD Image: run 490, image 384
[class MECCDImage]

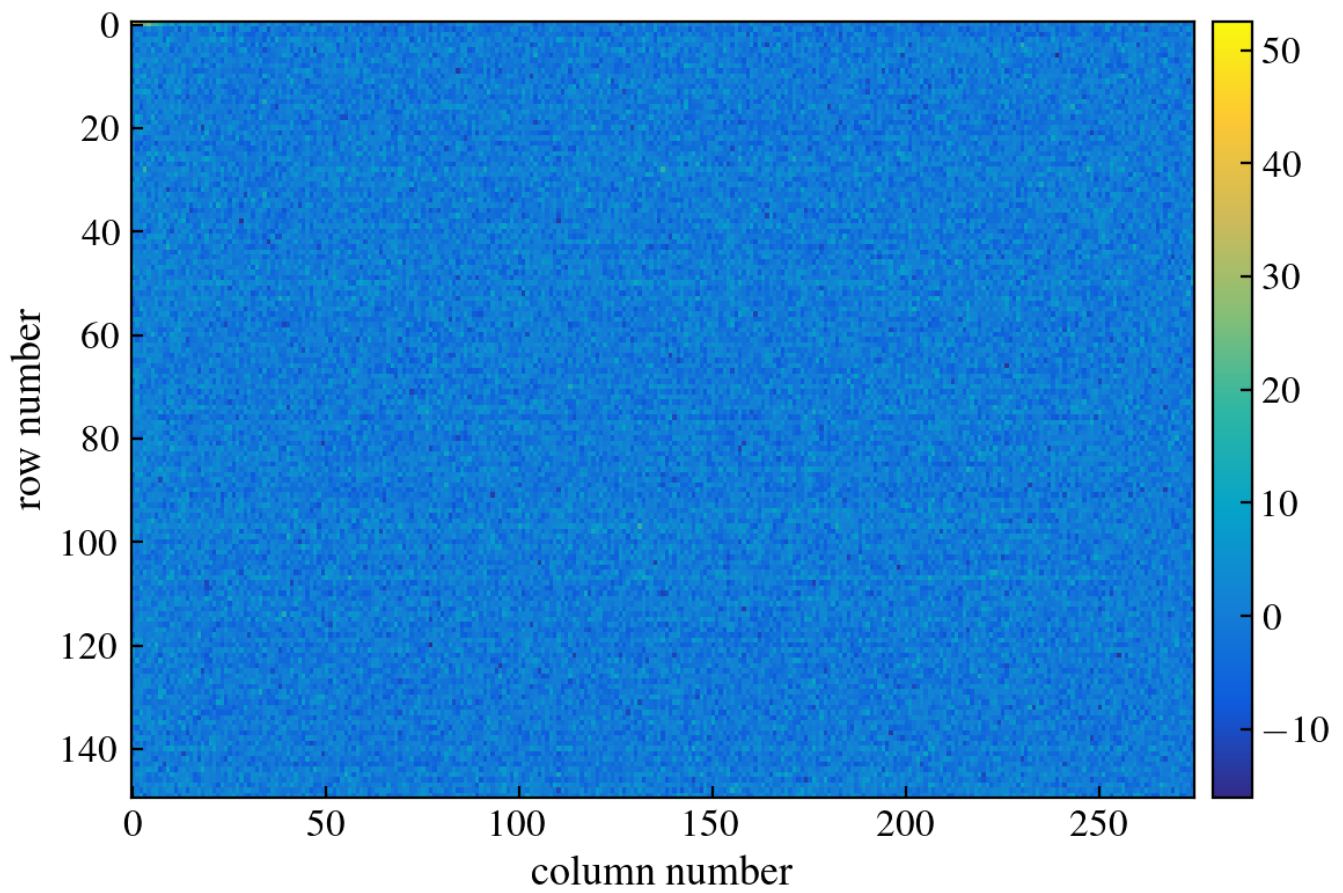


Figure 349: CCD Image

CCD Image: run 490, image 385
[class MECCDImage]

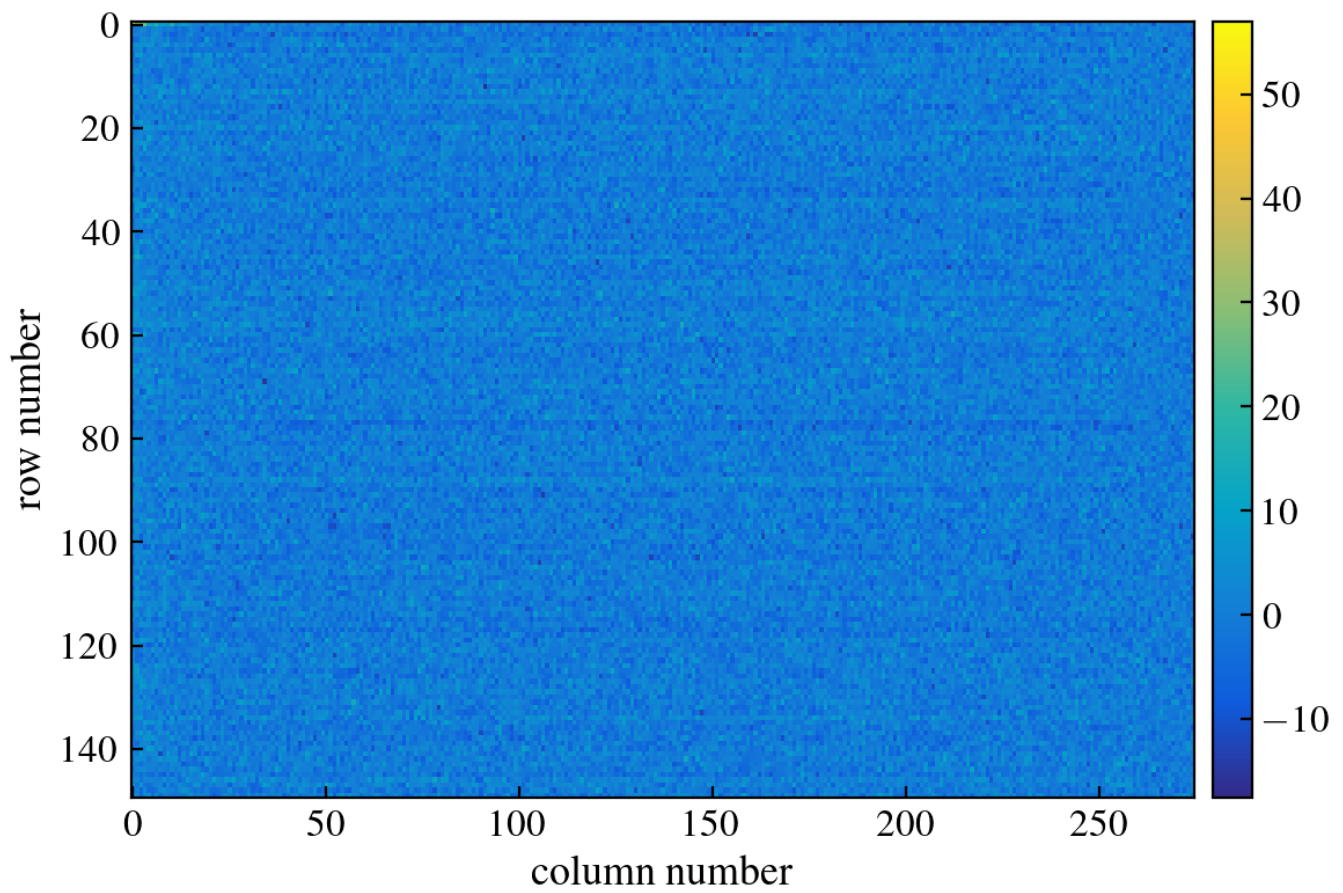


Figure 350: CCD Image

CCD Image: run 490, image 386
[class MECCDImage]

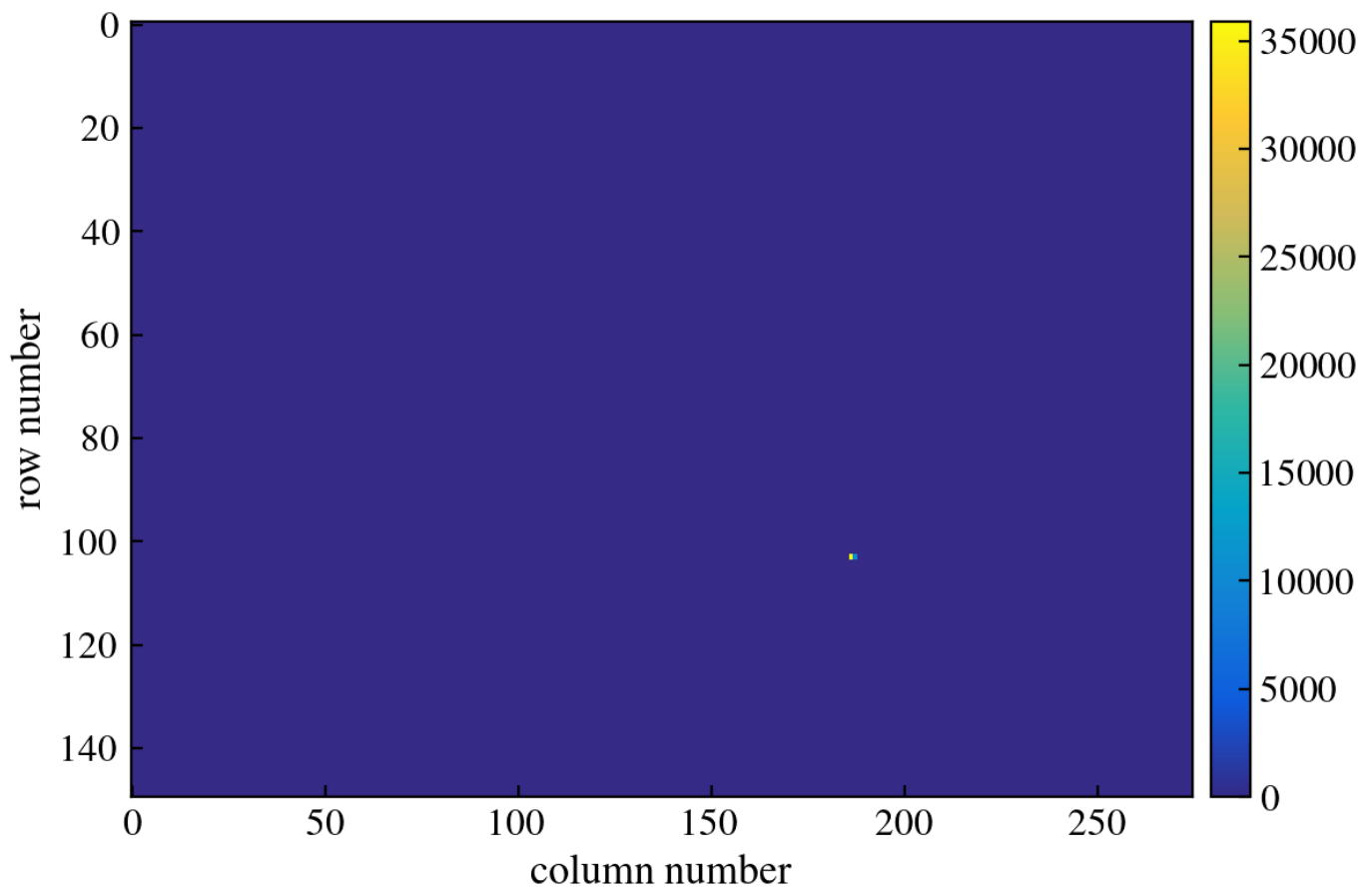


Figure 351: CCD Image

CCD Image: run 490, image 387
[class MECCDImage]

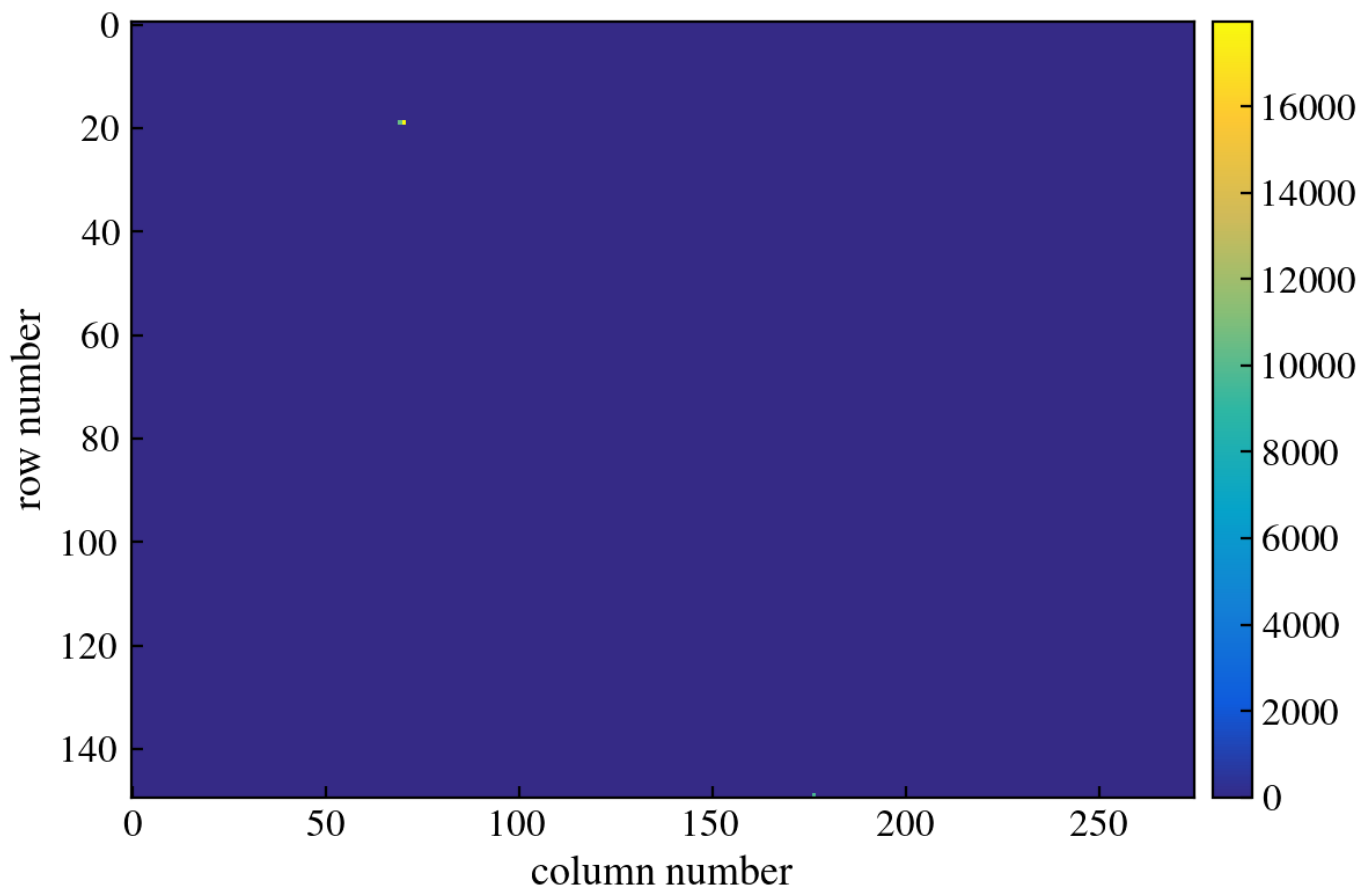


Figure 352: CCD Image

CCD Image: run 490, image 388
[class MECCDImage]

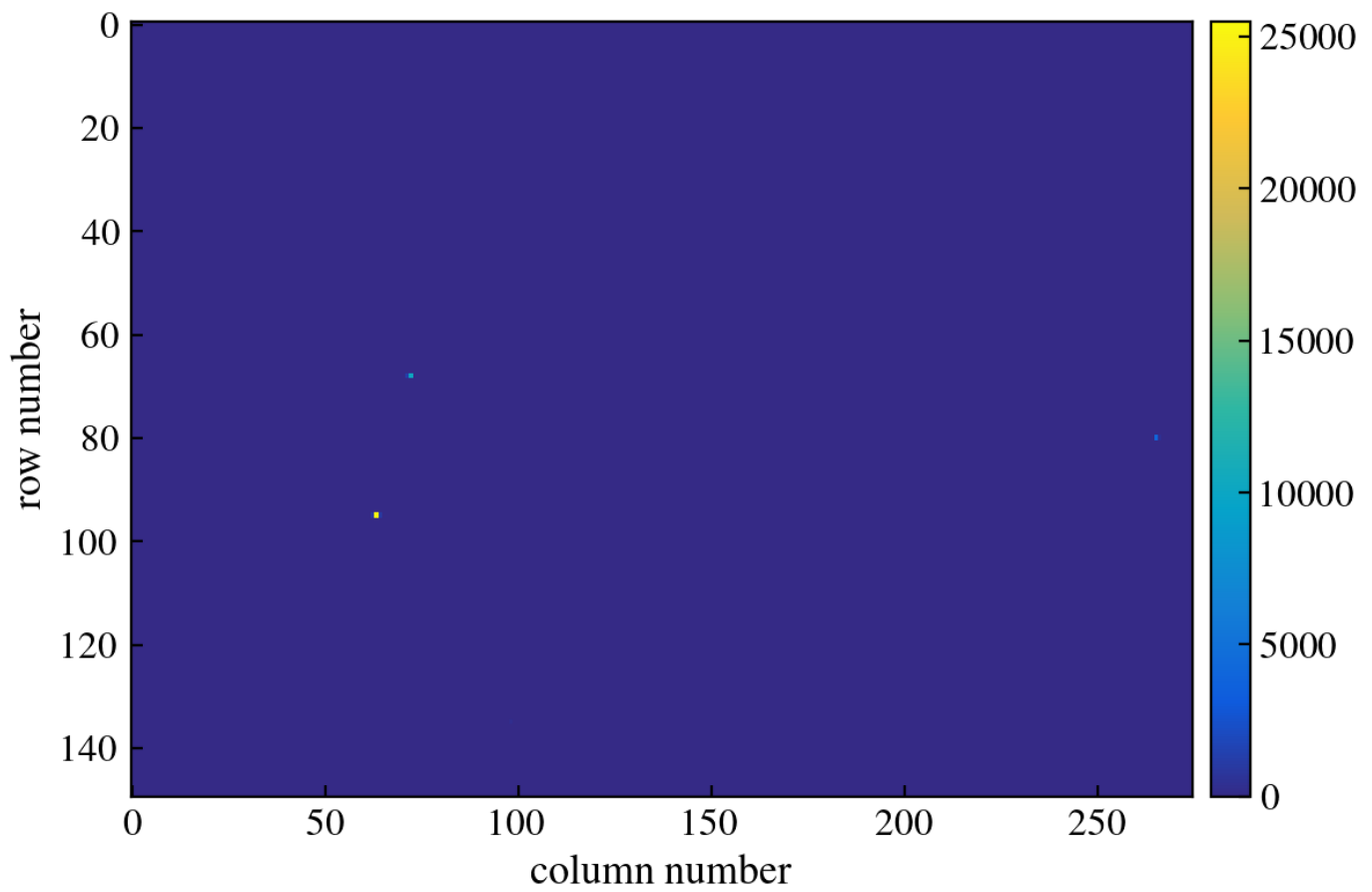


Figure 353: CCD Image

CCD Image: run 490, image 389
[class MECCDImage]

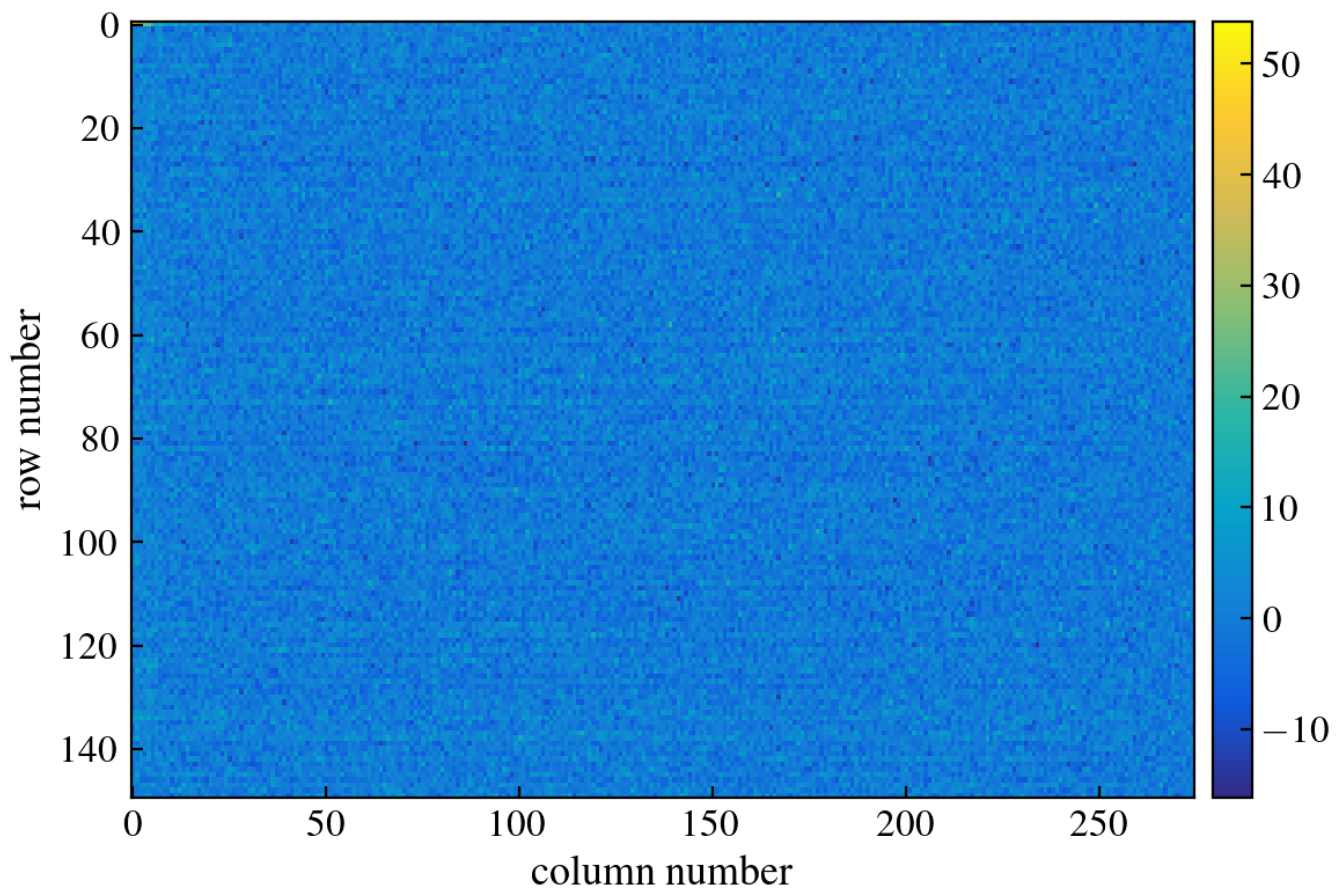


Figure 354: CCD Image

CCD Image: run 490, image 39
[class MECCDImage]

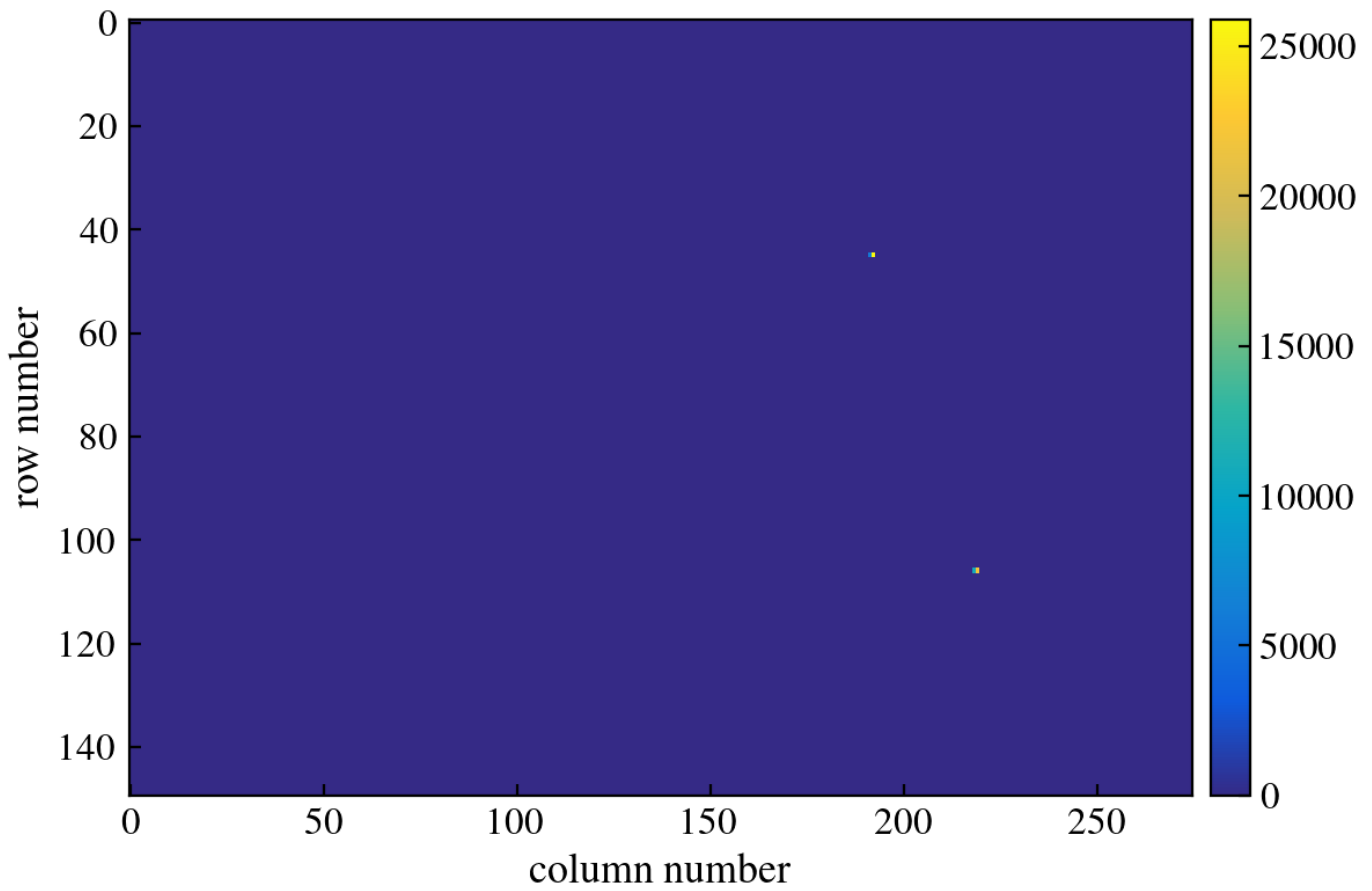


Figure 355: CCD Image

CCD Image: run 490, image 390
[class MECCDImage]

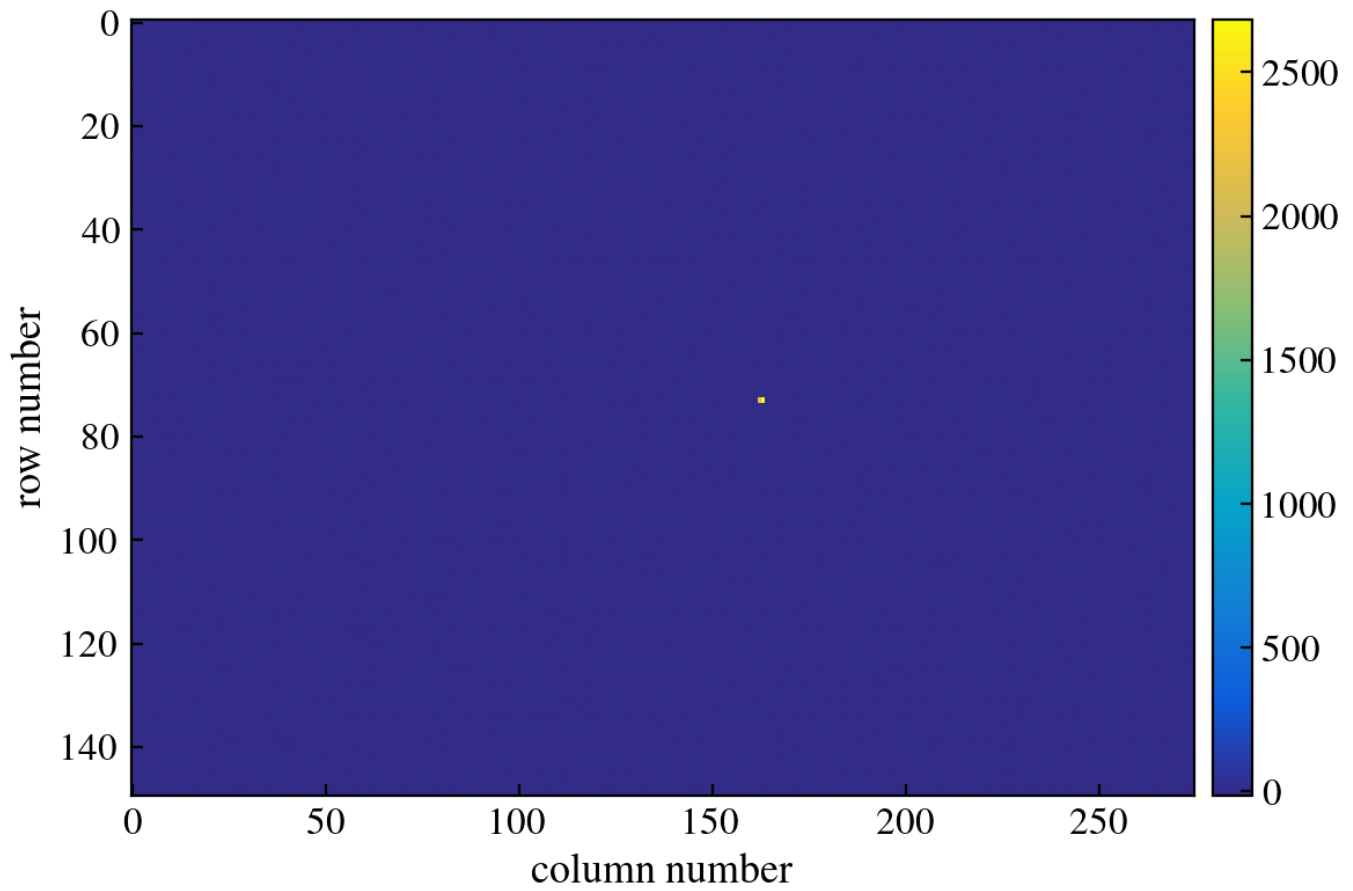


Figure 356: CCD Image

CCD Image: run 490, image 391
[class MECCDImage]

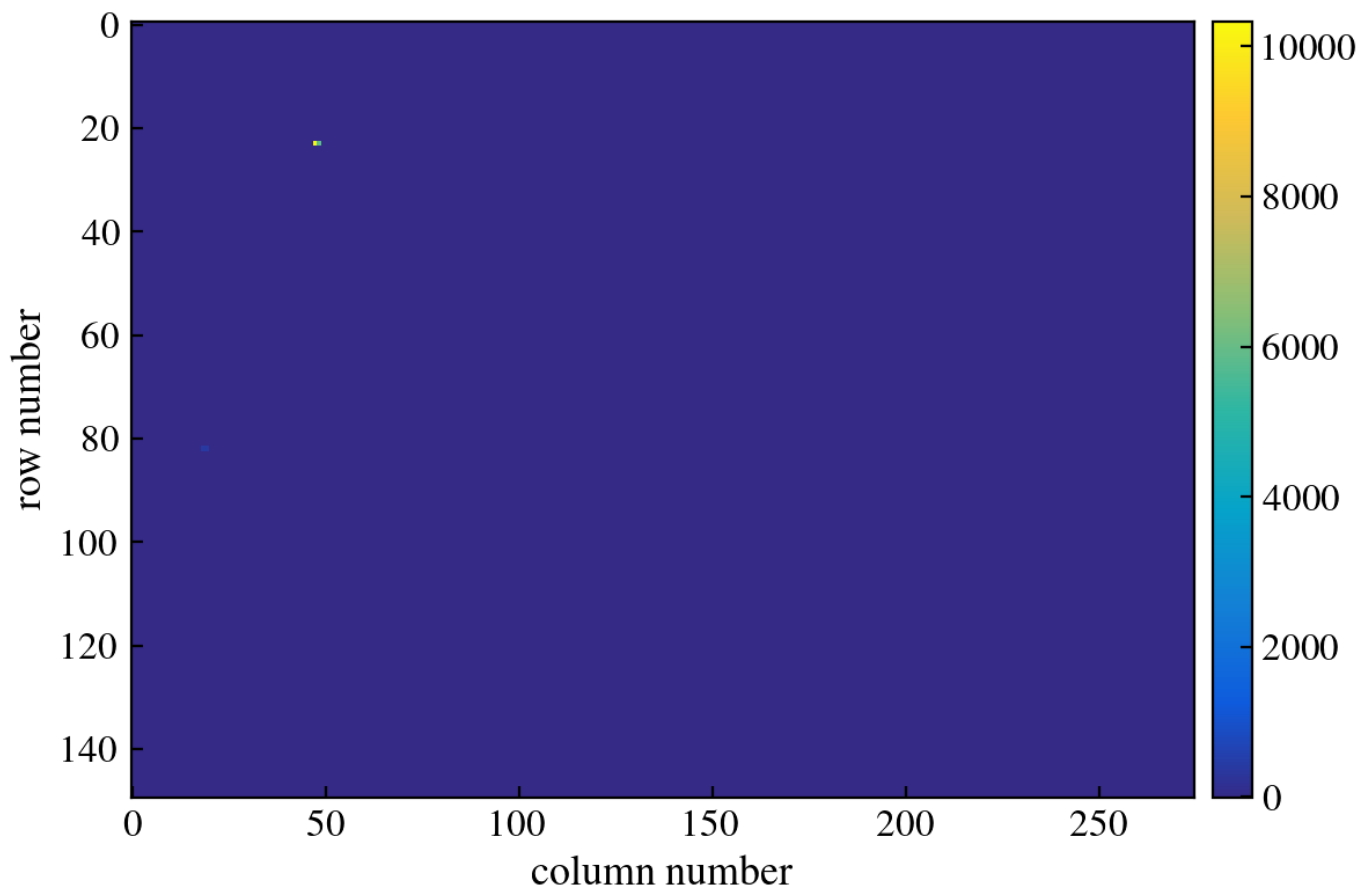


Figure 357: CCD Image

CCD Image: run 490, image 392
[class MECCDImage]

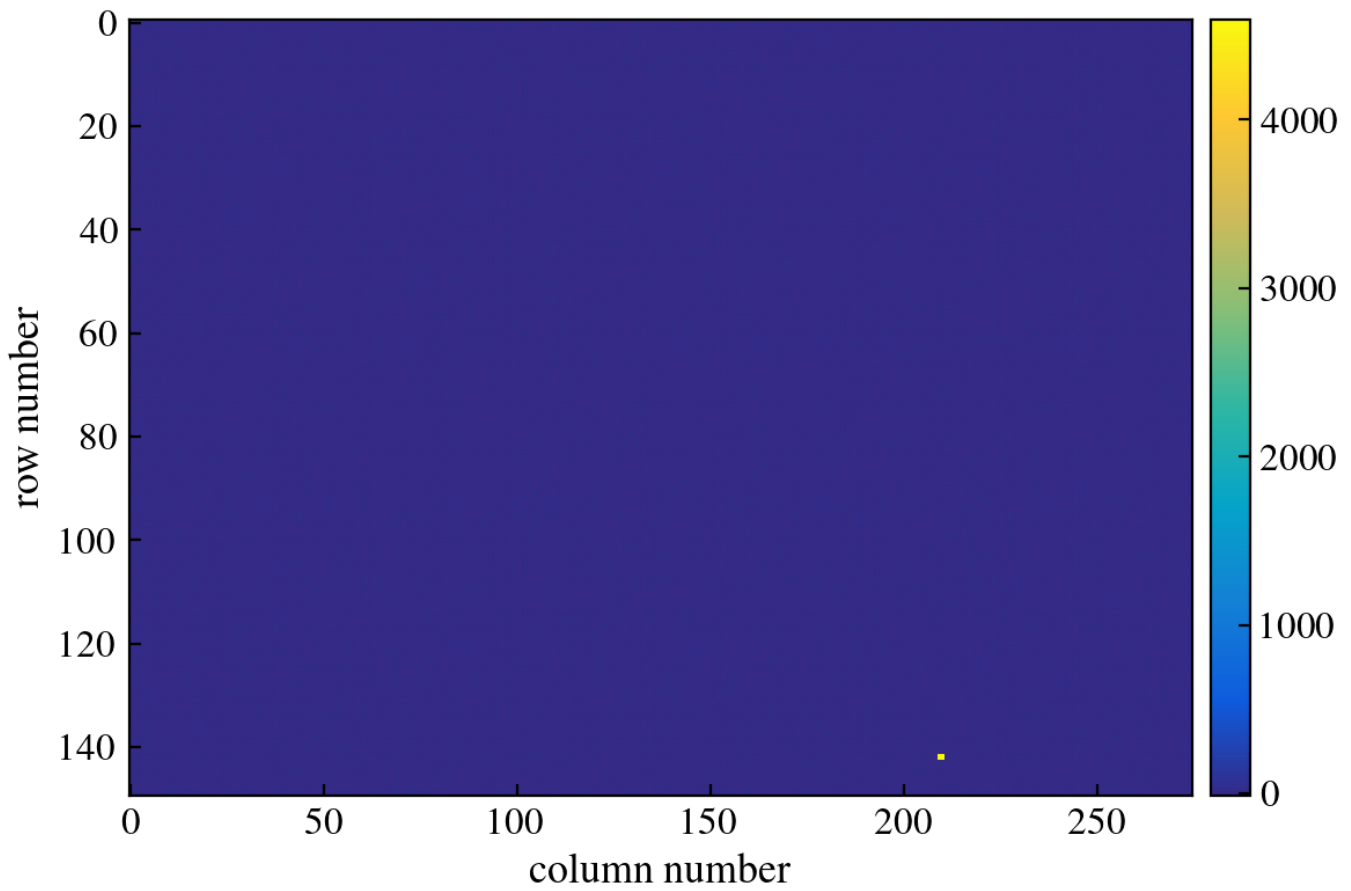


Figure 358: CCD Image

CCD Image: run 490, image 393
[class MECCDImage]

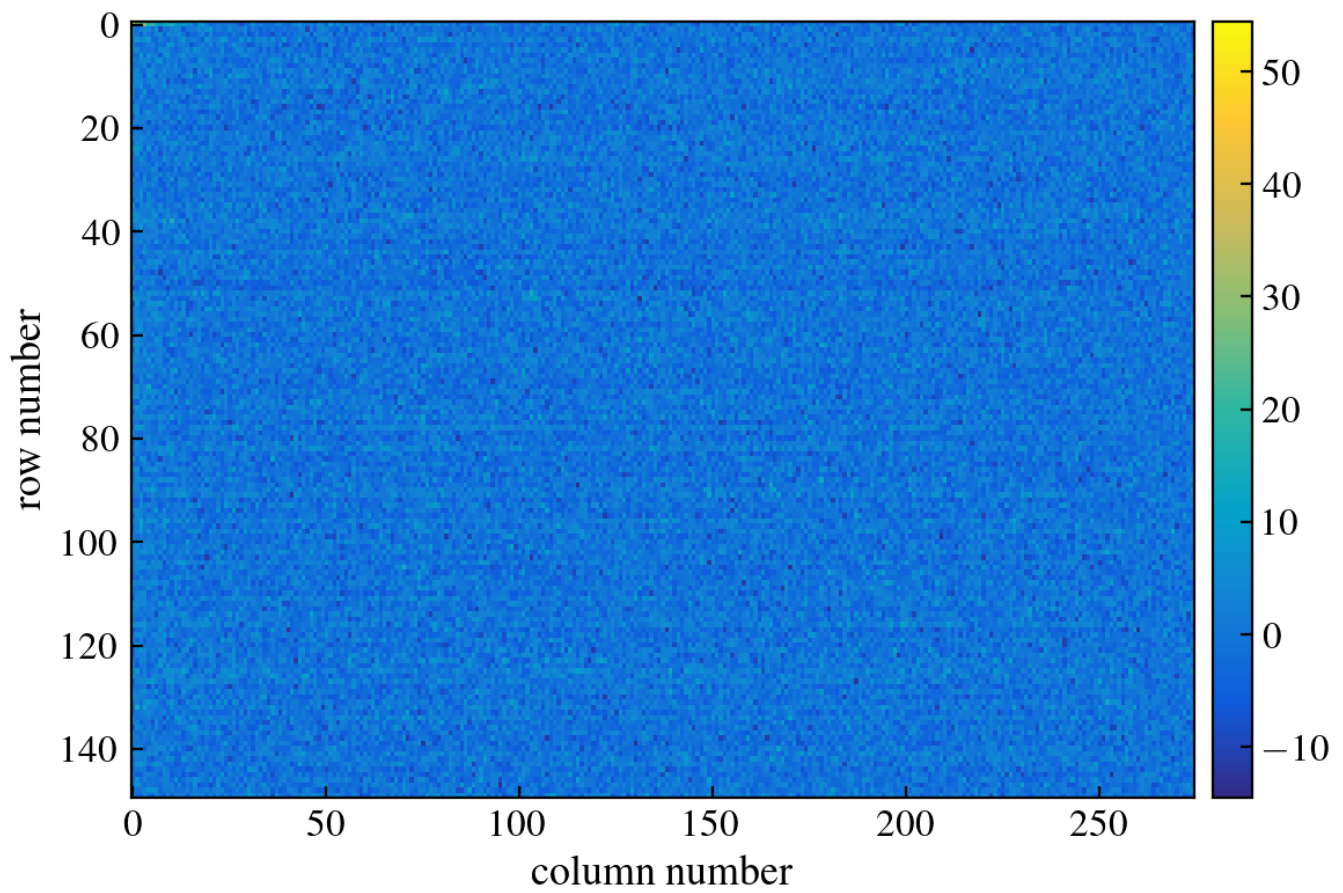


Figure 359: CCD Image

CCD Image: run 490, image 394
[class MECCDImage]

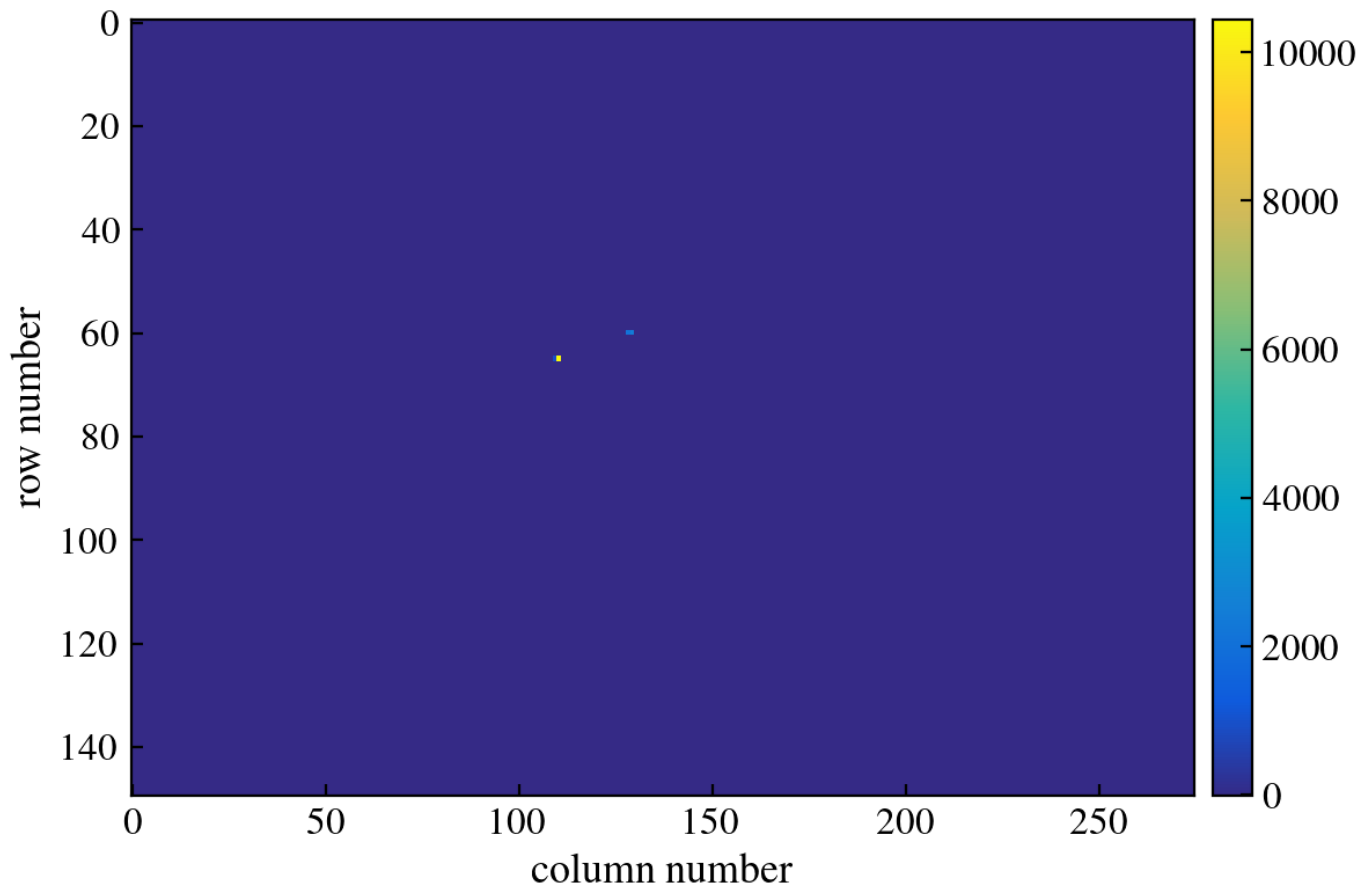


Figure 360: CCD Image

CCD Image: run 490, image 395
[class MECCDImage]

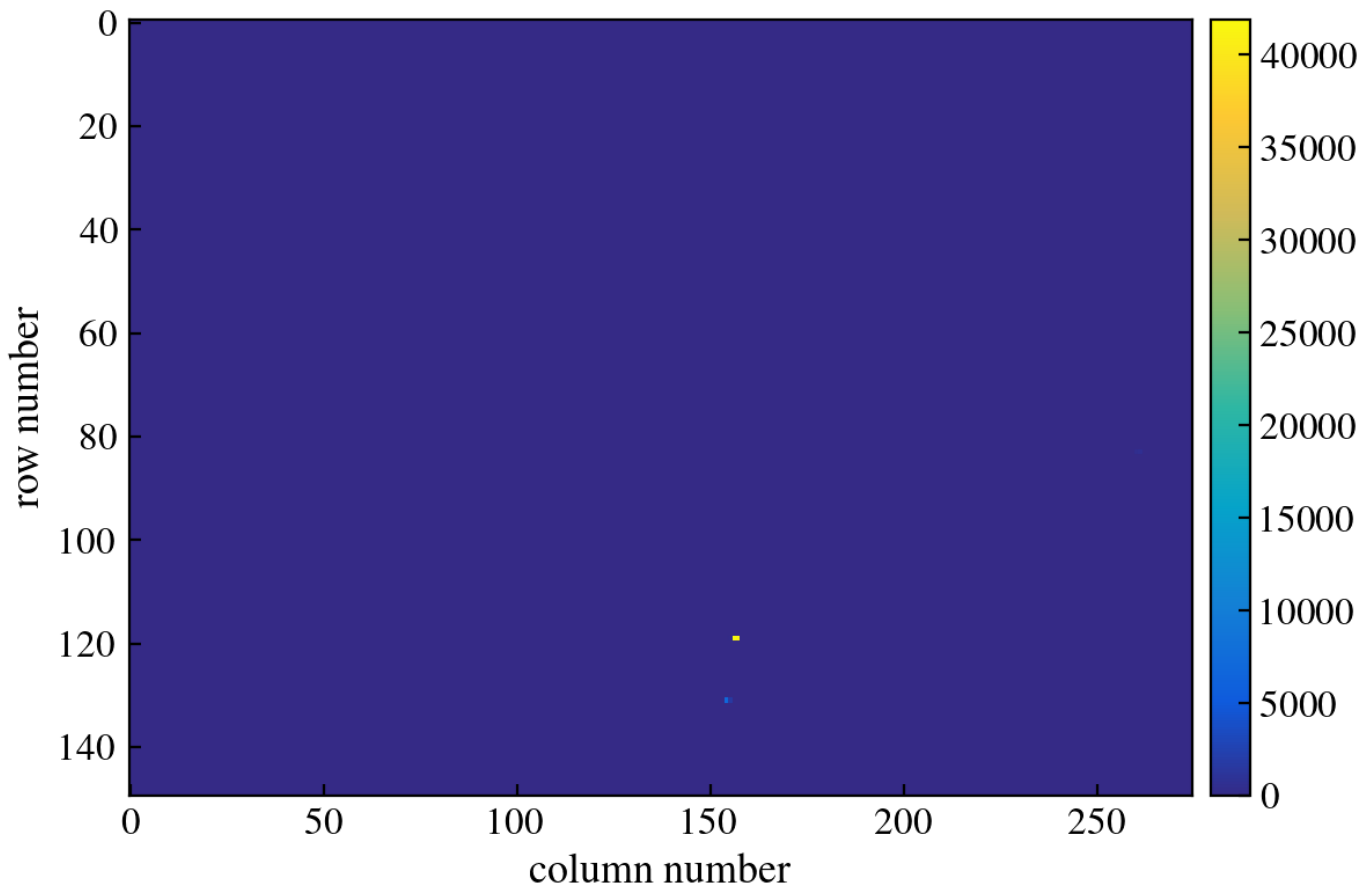


Figure 361: CCD Image

CCD Image: run 490, image 396
[class MECCDImage]

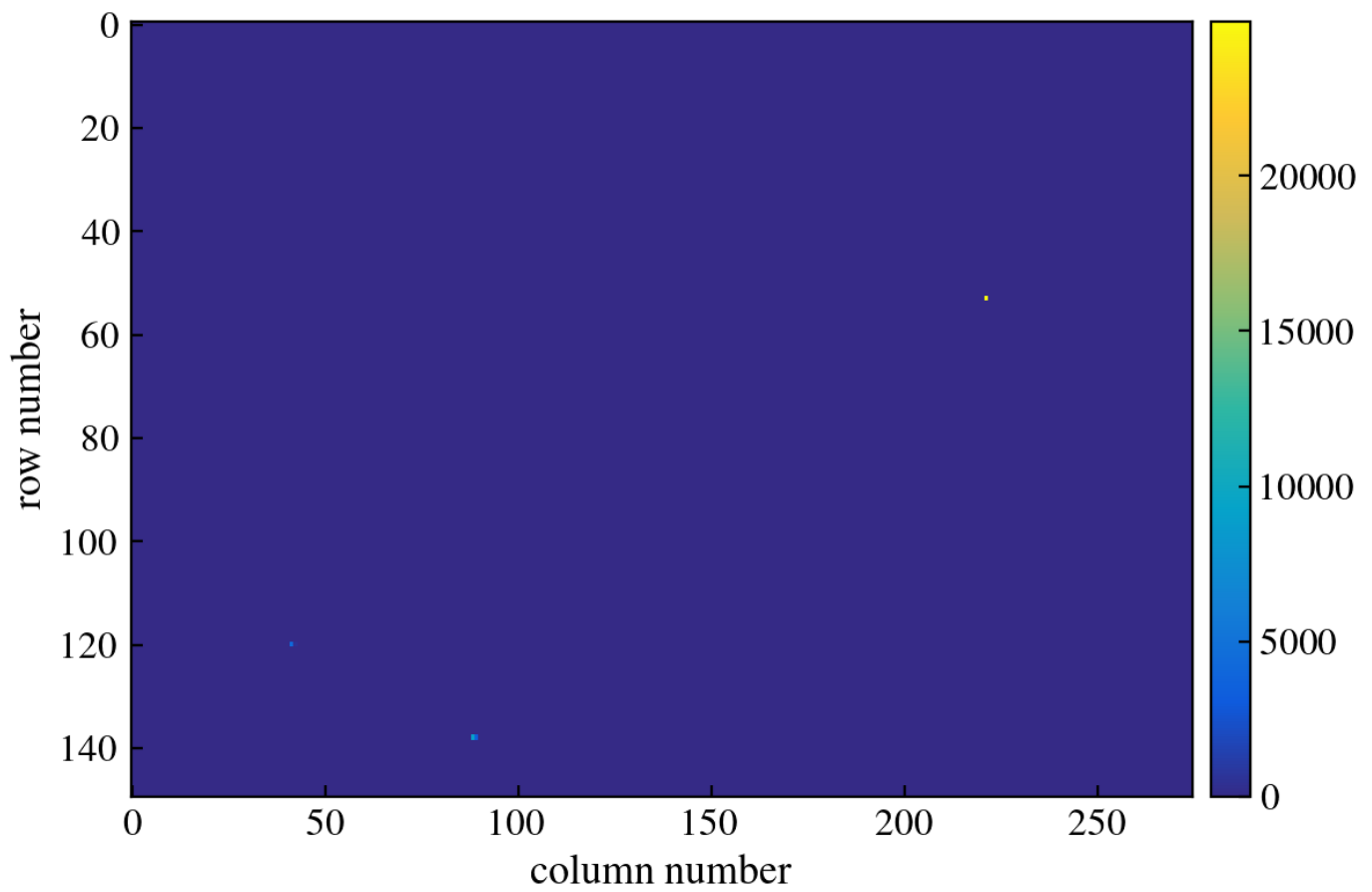


Figure 362: CCD Image

CCD Image: run 490, image 397
[class MECCDImage]

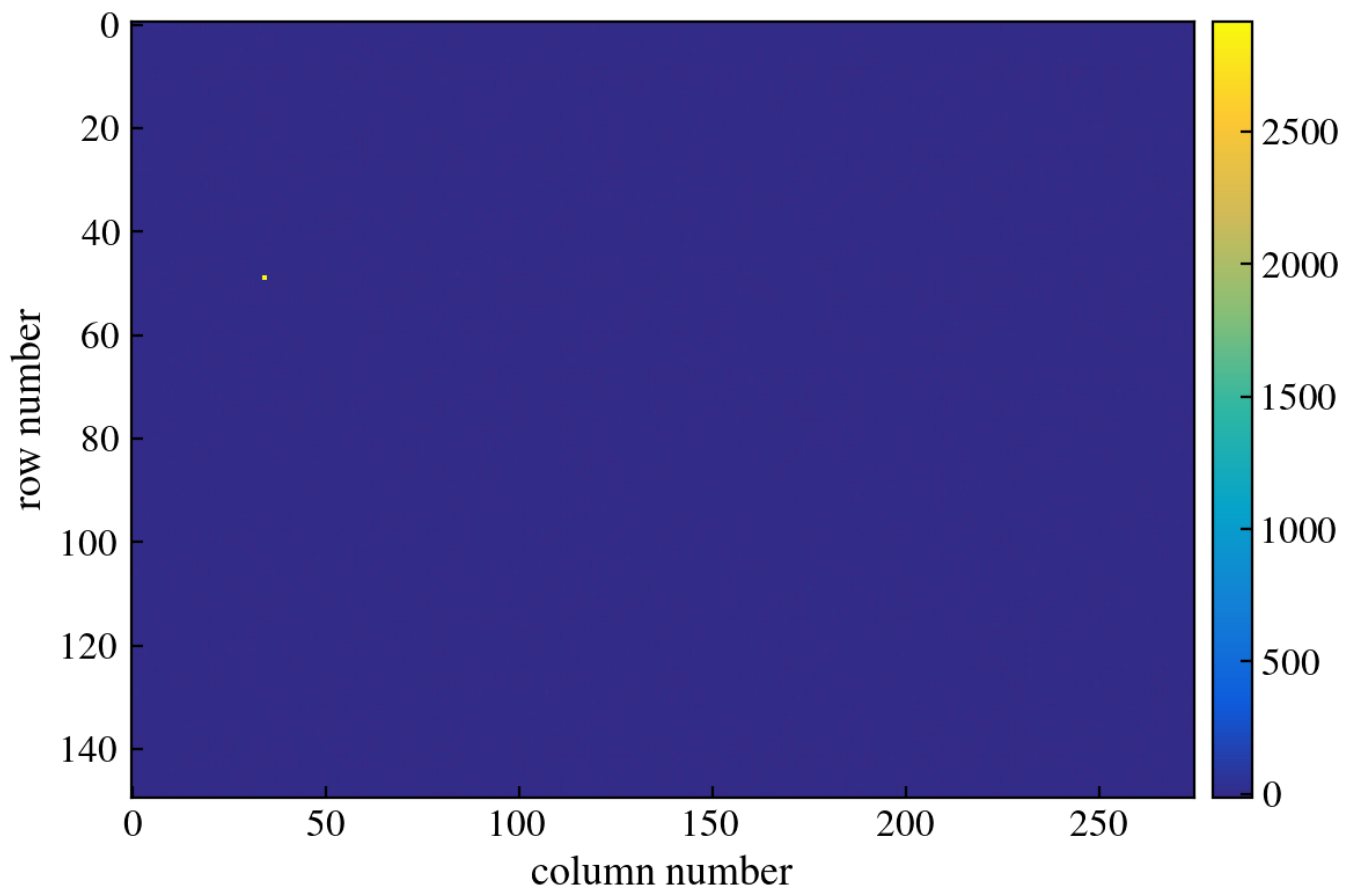


Figure 363: CCD Image

CCD Image: run 490, image 398
[class MECCDImage]

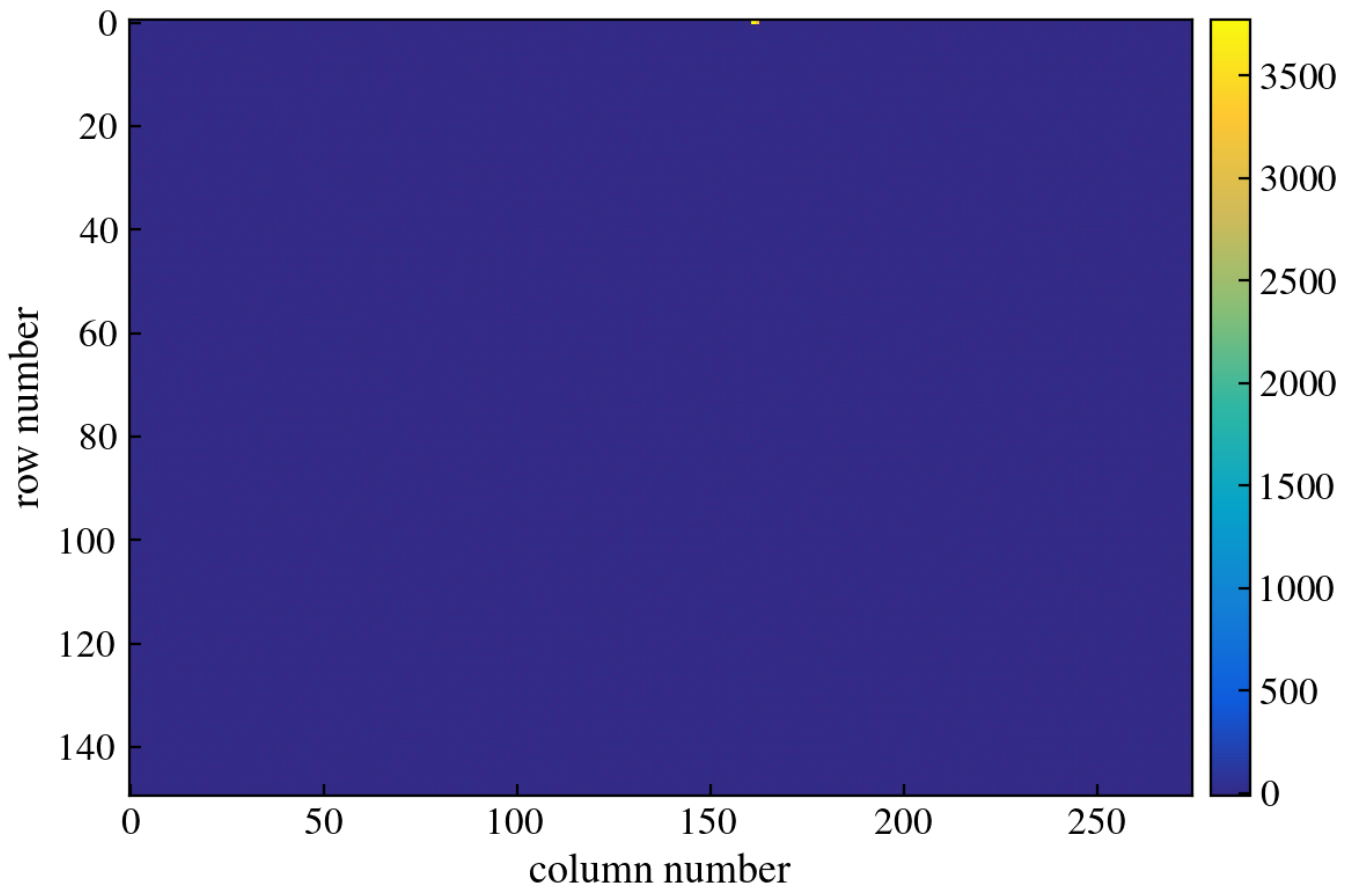


Figure 364: CCD Image

CCD Image: run 490, image 399
[class MECCDImage]

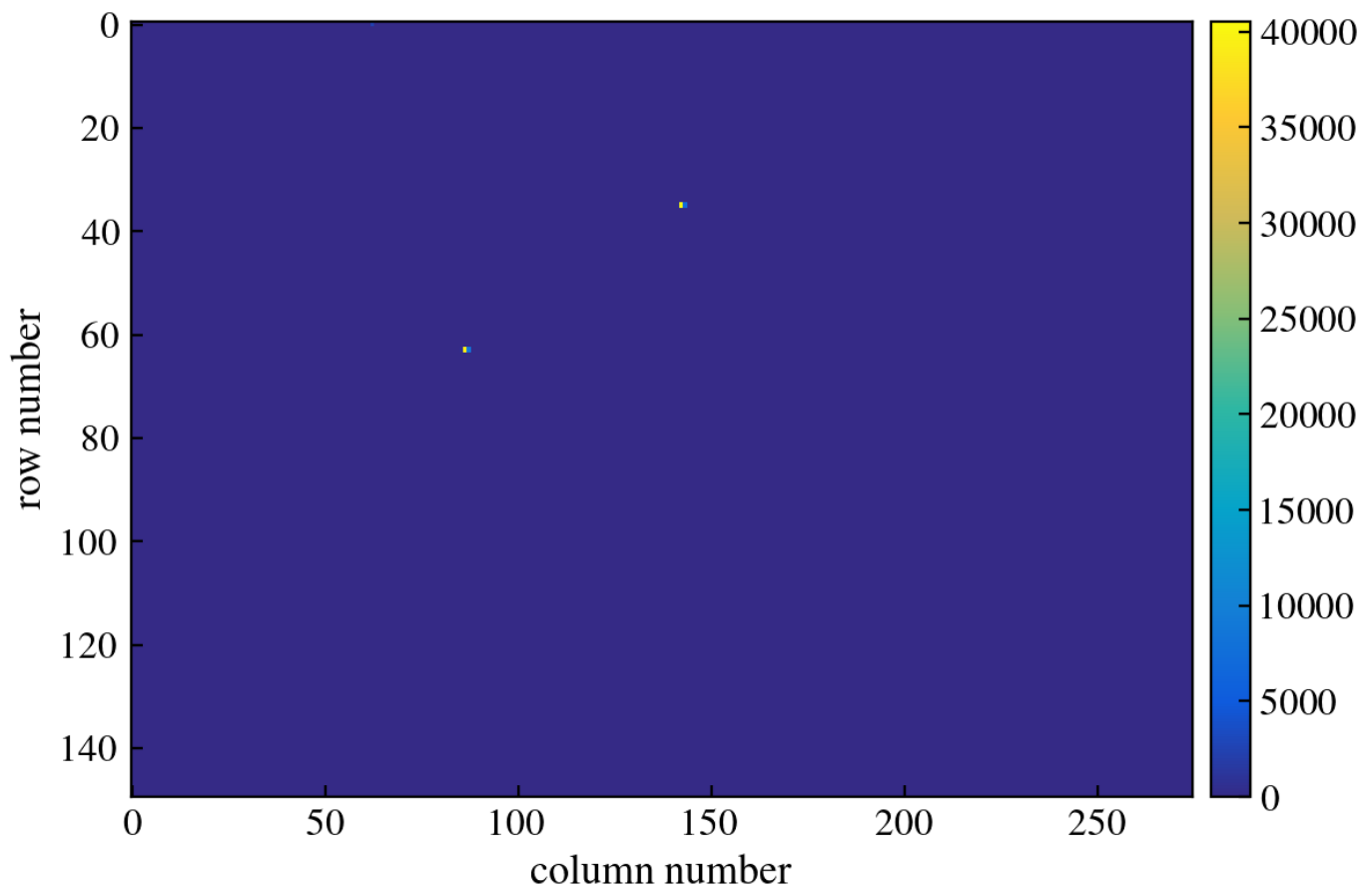


Figure 365: CCD Image

CCD Image: run 490, image 4
[class MECCDImage]

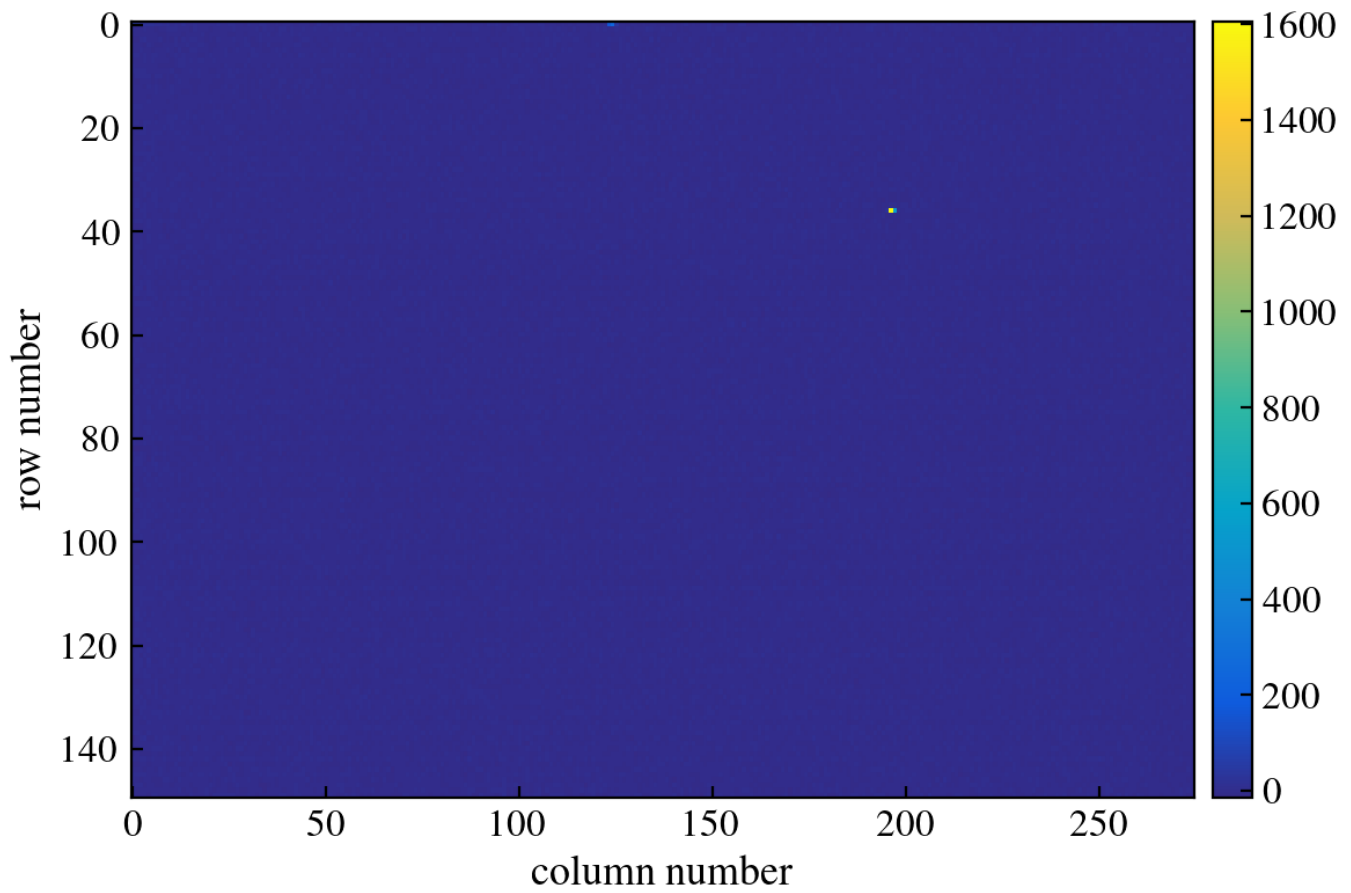


Figure 366: CCD Image

CCD Image: run 490, image 40
[class MECCDImage]

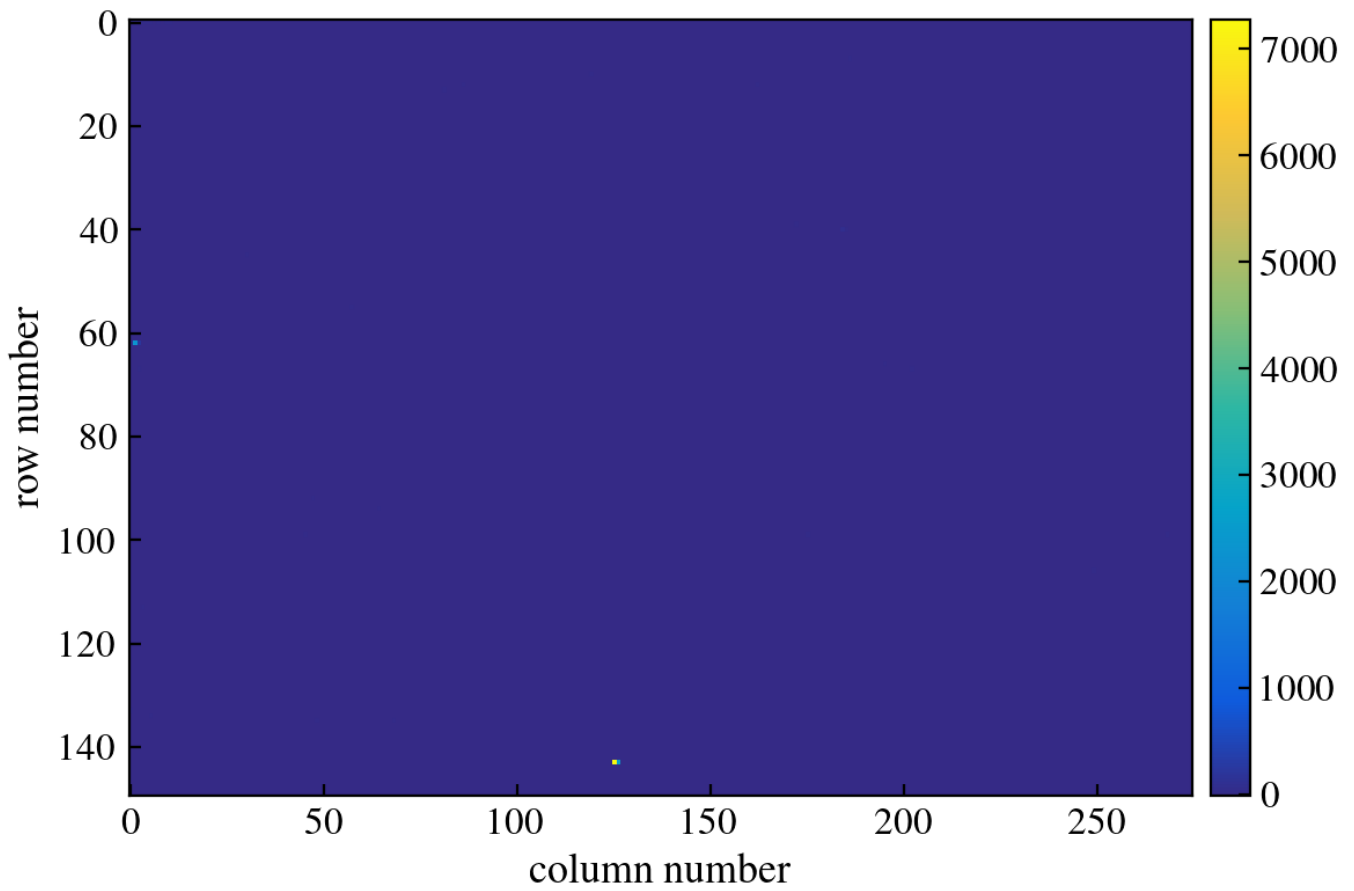


Figure 367: CCD Image

CCD Image: run 490, image 400
[class MECCDImage]

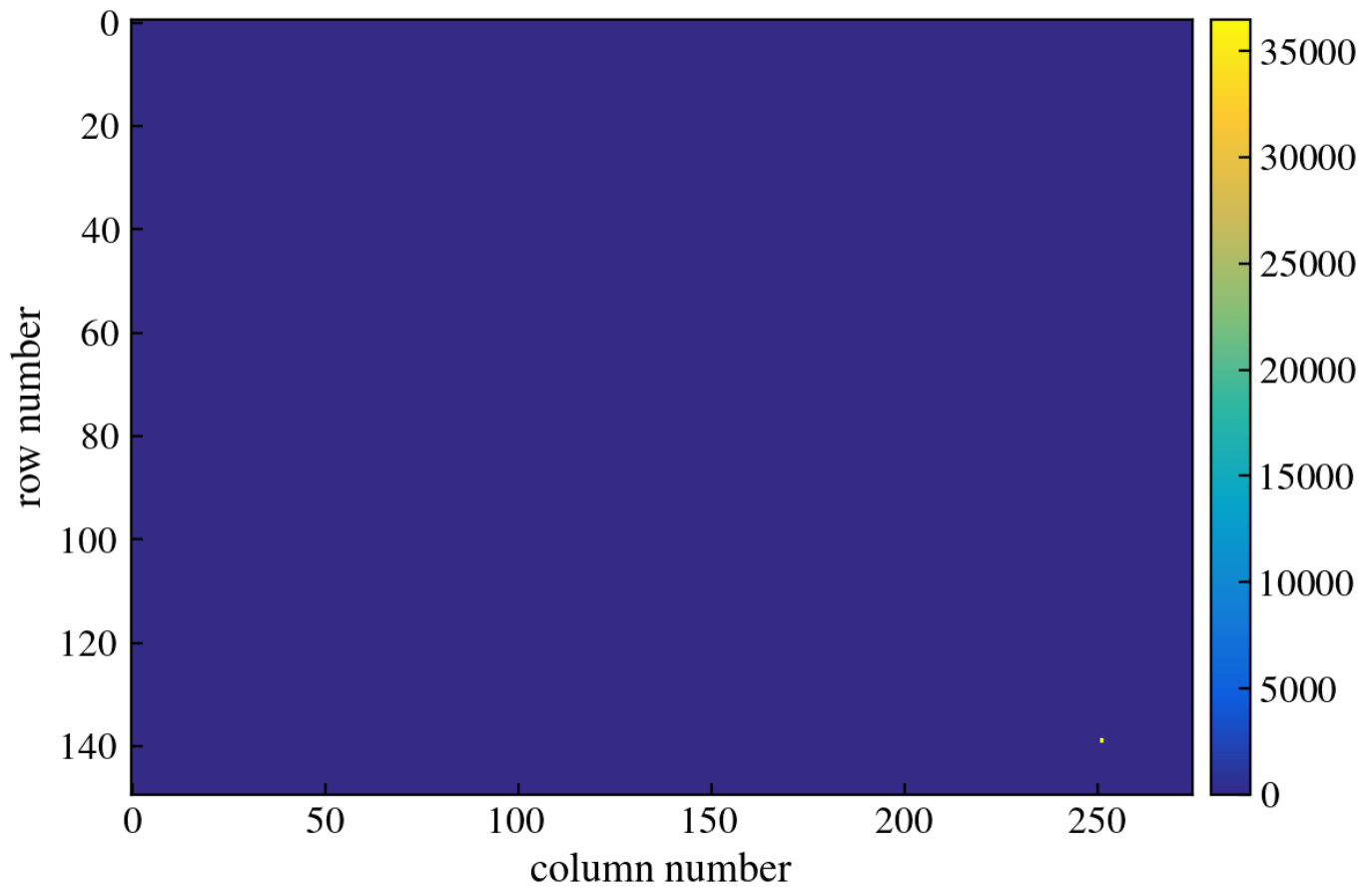


Figure 368: CCD Image

CCD Image: run 490, image 41
[class MECCDImage]

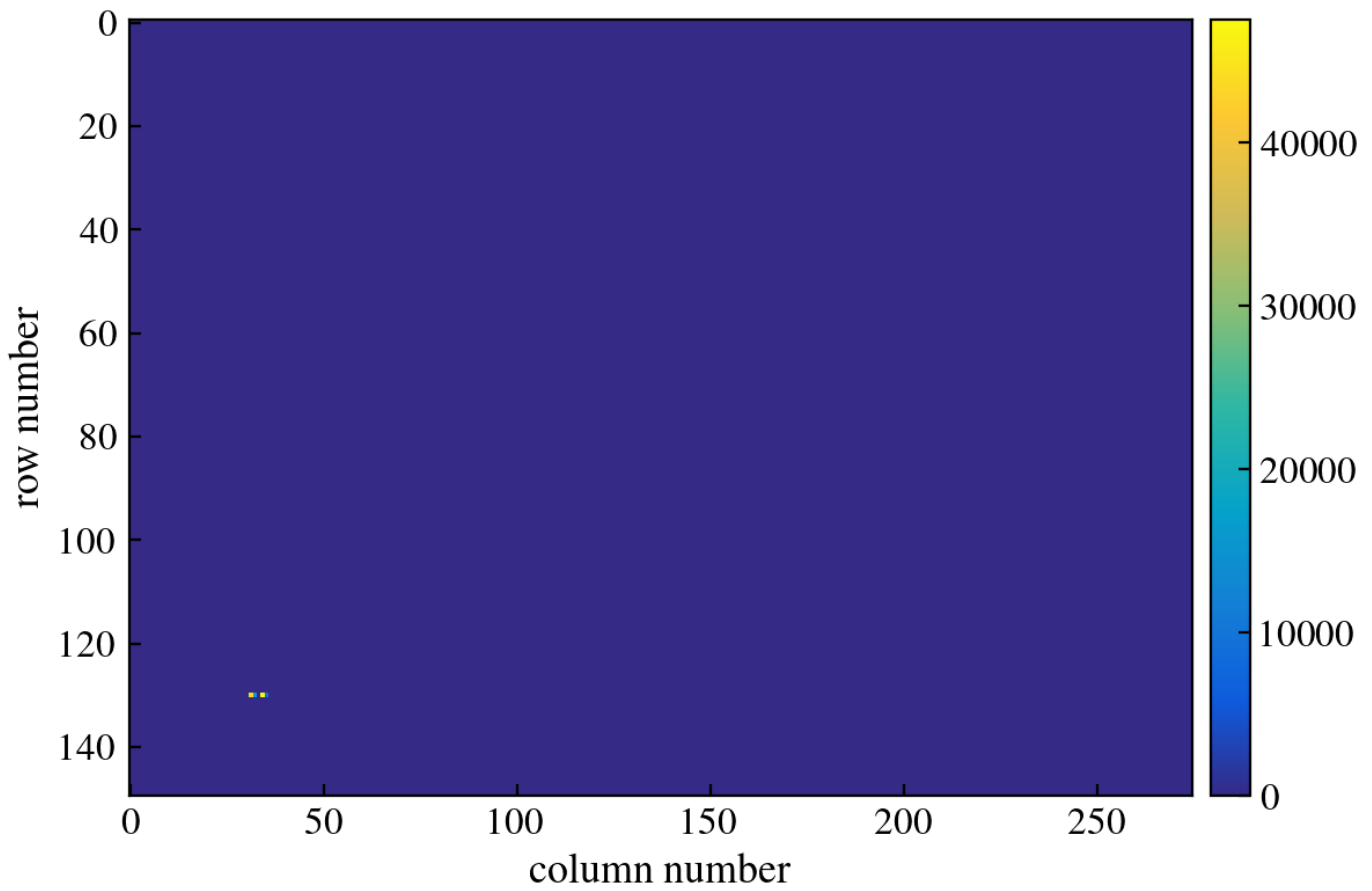


Figure 369: CCD Image

CCD Image: run 490, image 42
[class MECCDImage]

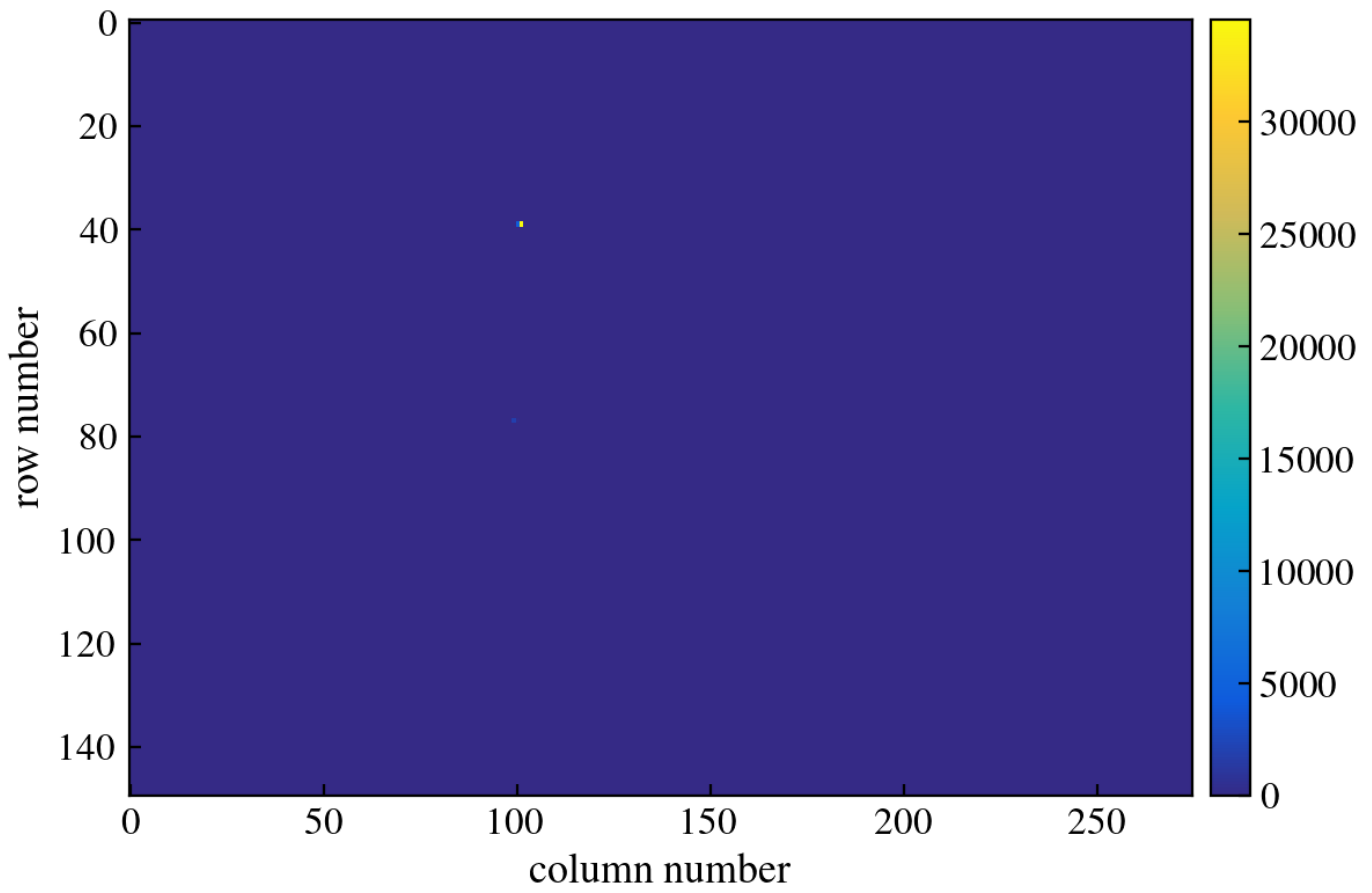


Figure 370: CCD Image

CCD Image: run 490, image 43
[class MECCDImage]

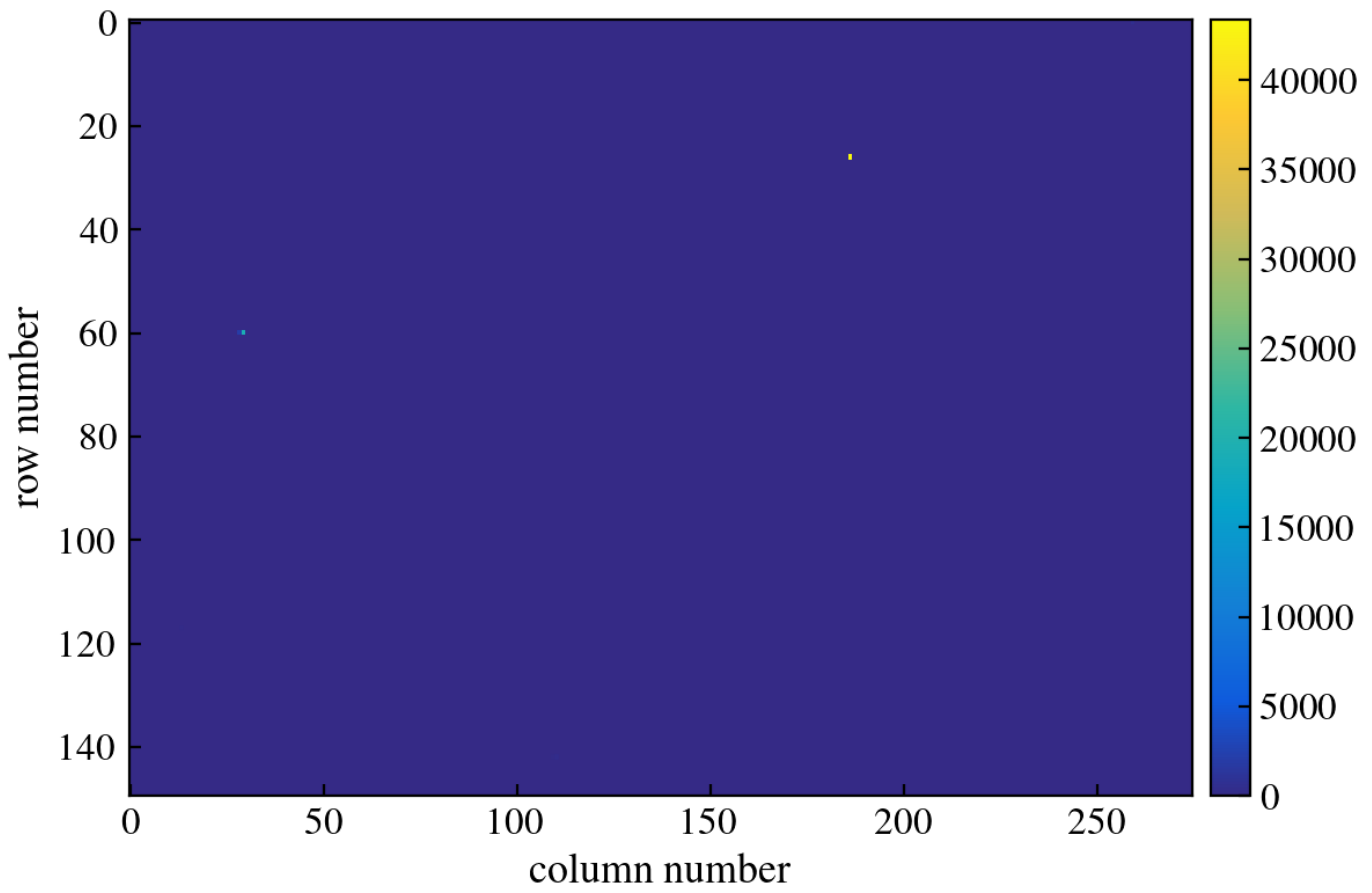


Figure 371: CCD Image

CCD Image: run 490, image 44
[class MECCDImage]

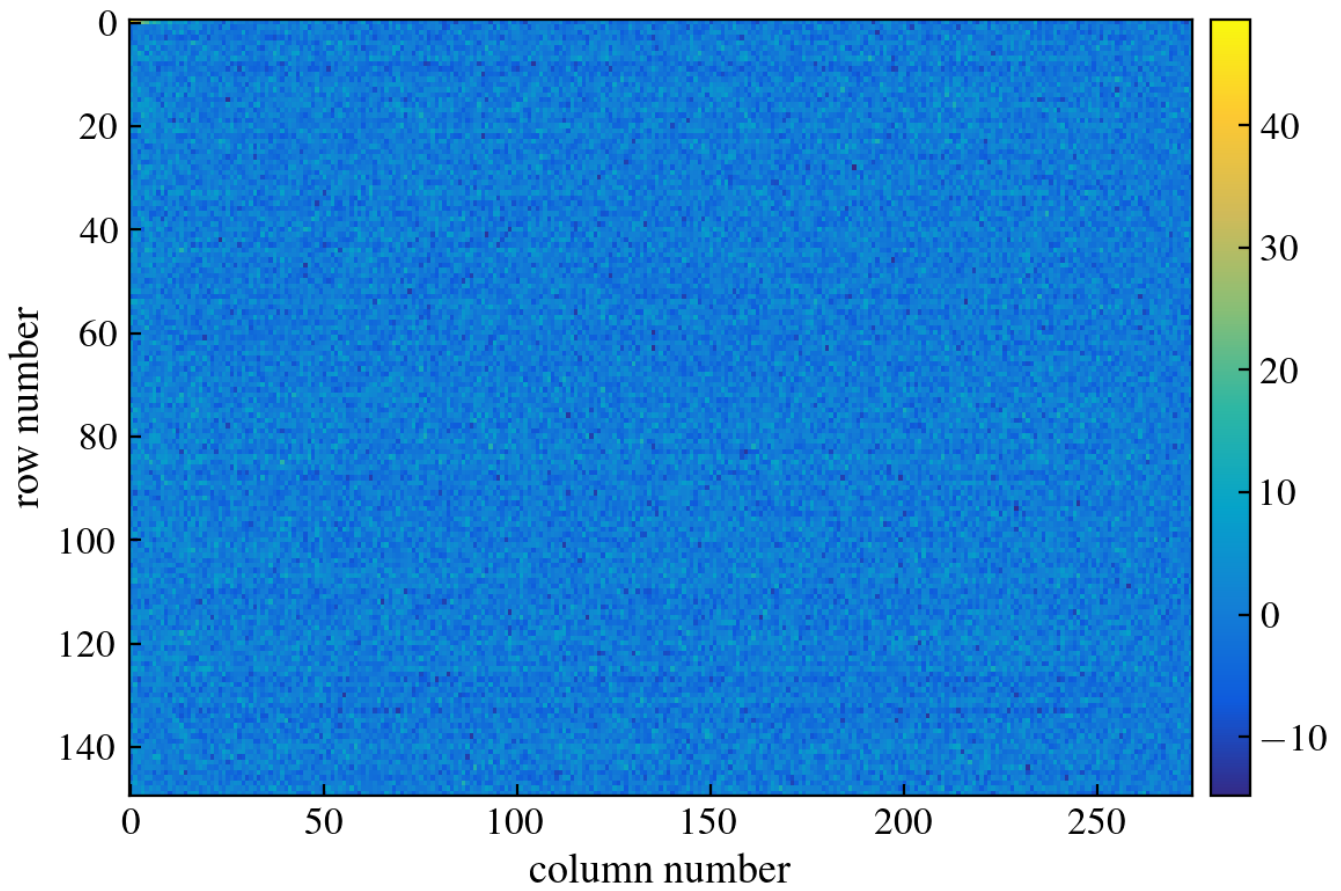


Figure 372: CCD Image

CCD Image: run 490, image 45
[class MECCDImage]

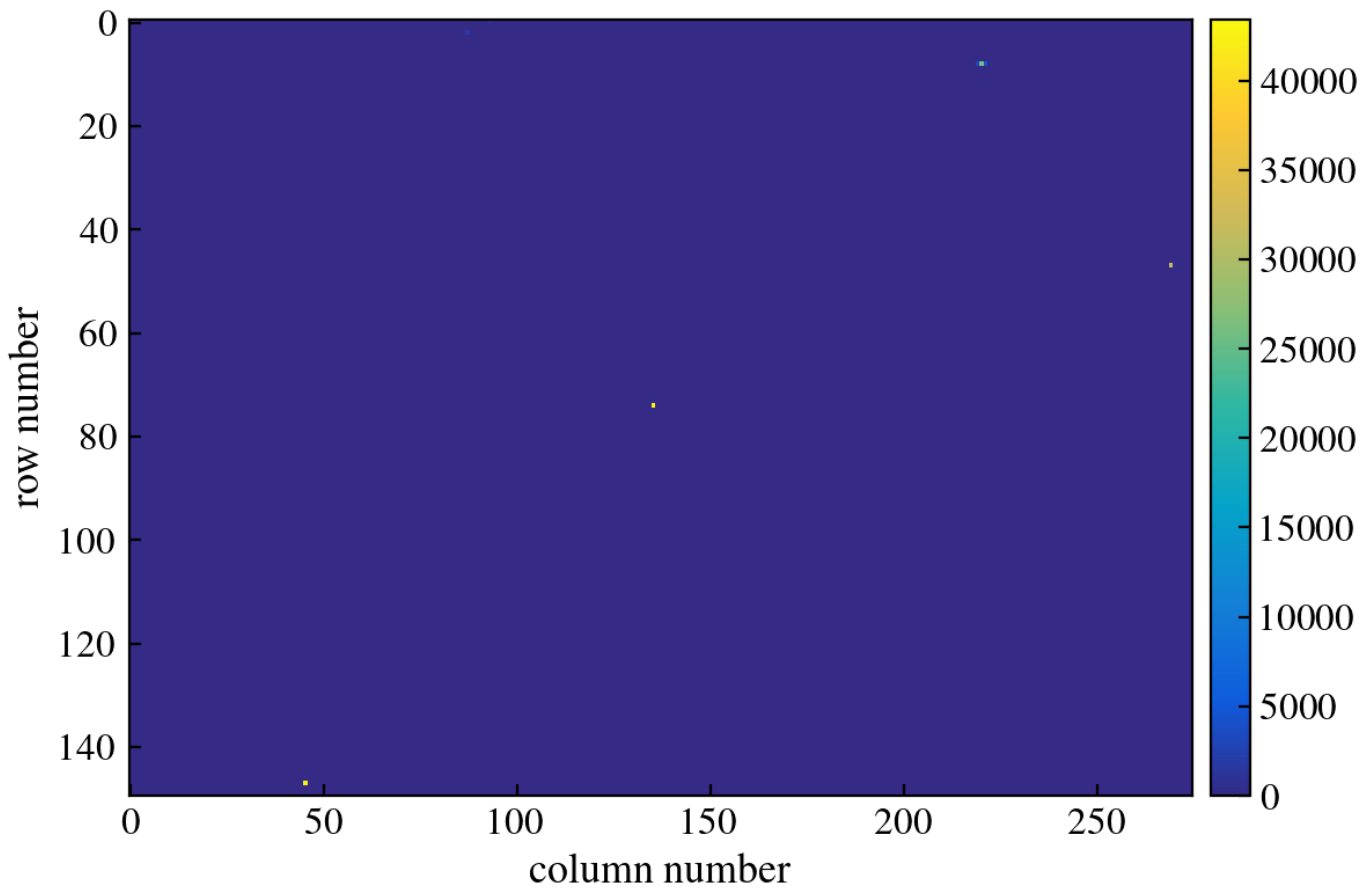


Figure 373: CCD Image

CCD Image: run 490, image 46
[class MECCDImage]

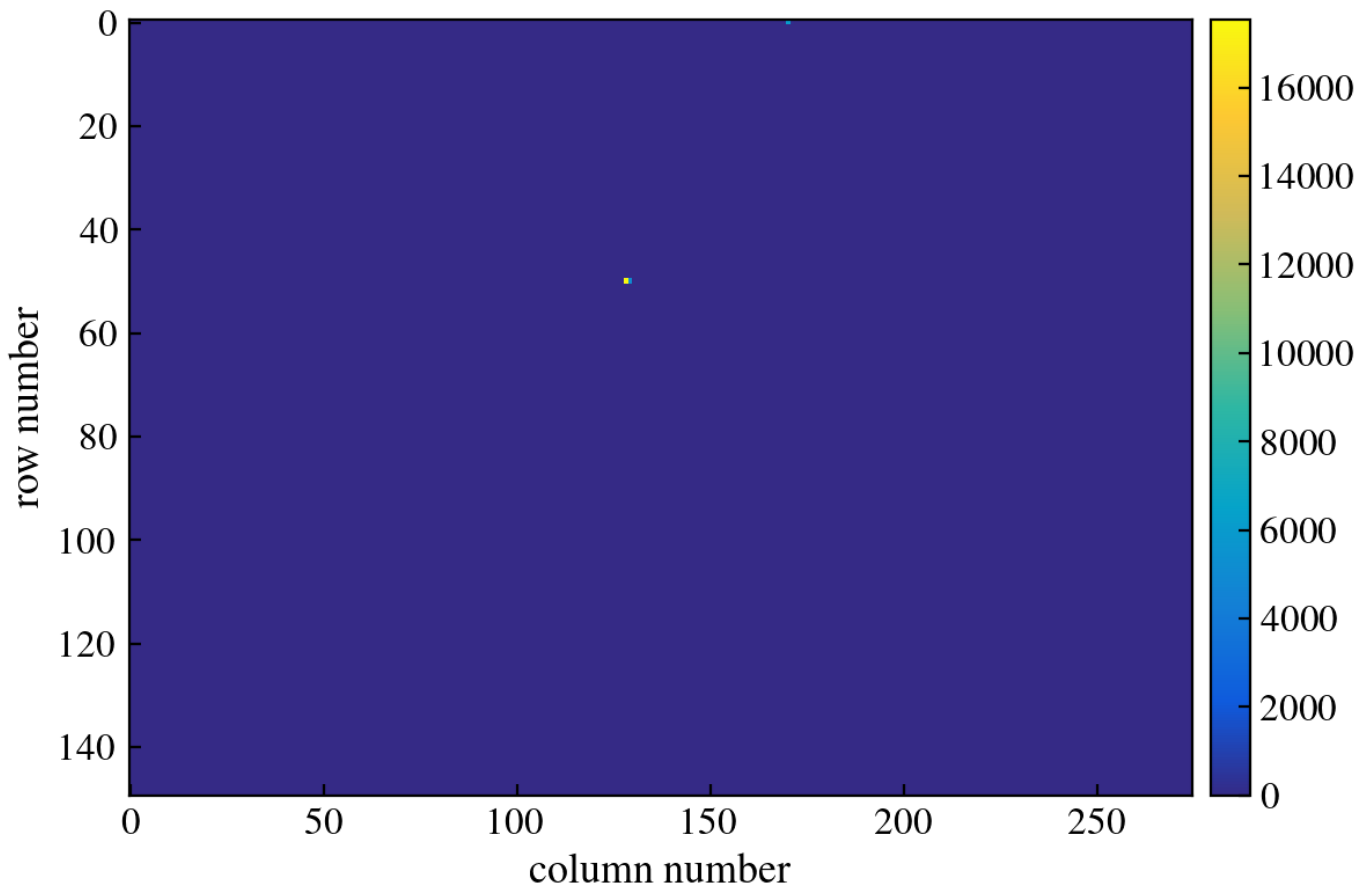


Figure 374: CCD Image

CCD Image: run 490, image 47
[class MECCDImage]

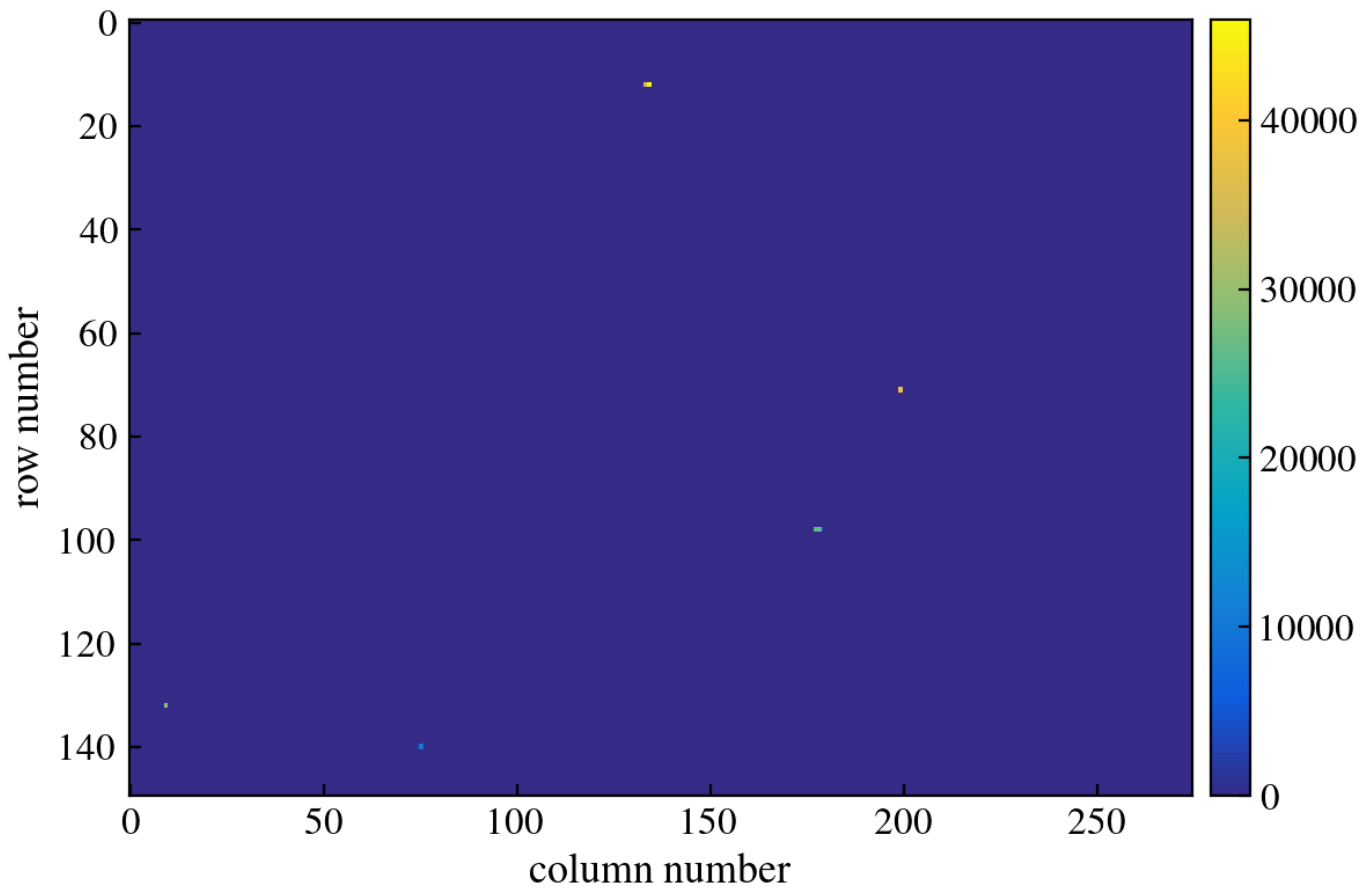


Figure 375: CCD Image

CCD Image: run 490, image 48
[class MECCDImage]

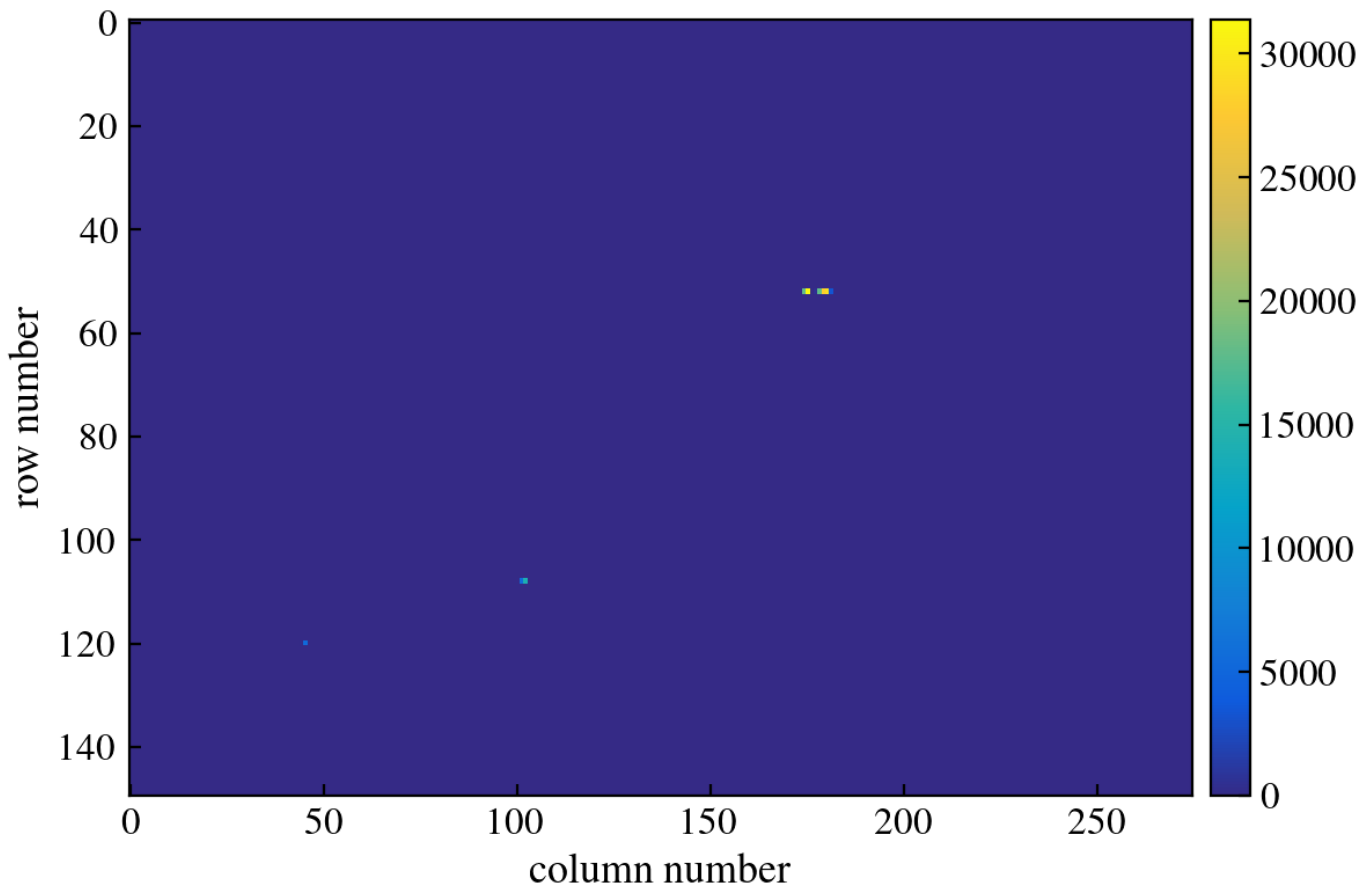


Figure 376: CCD Image

CCD Image: run 490, image 49
[class MECCDImage]

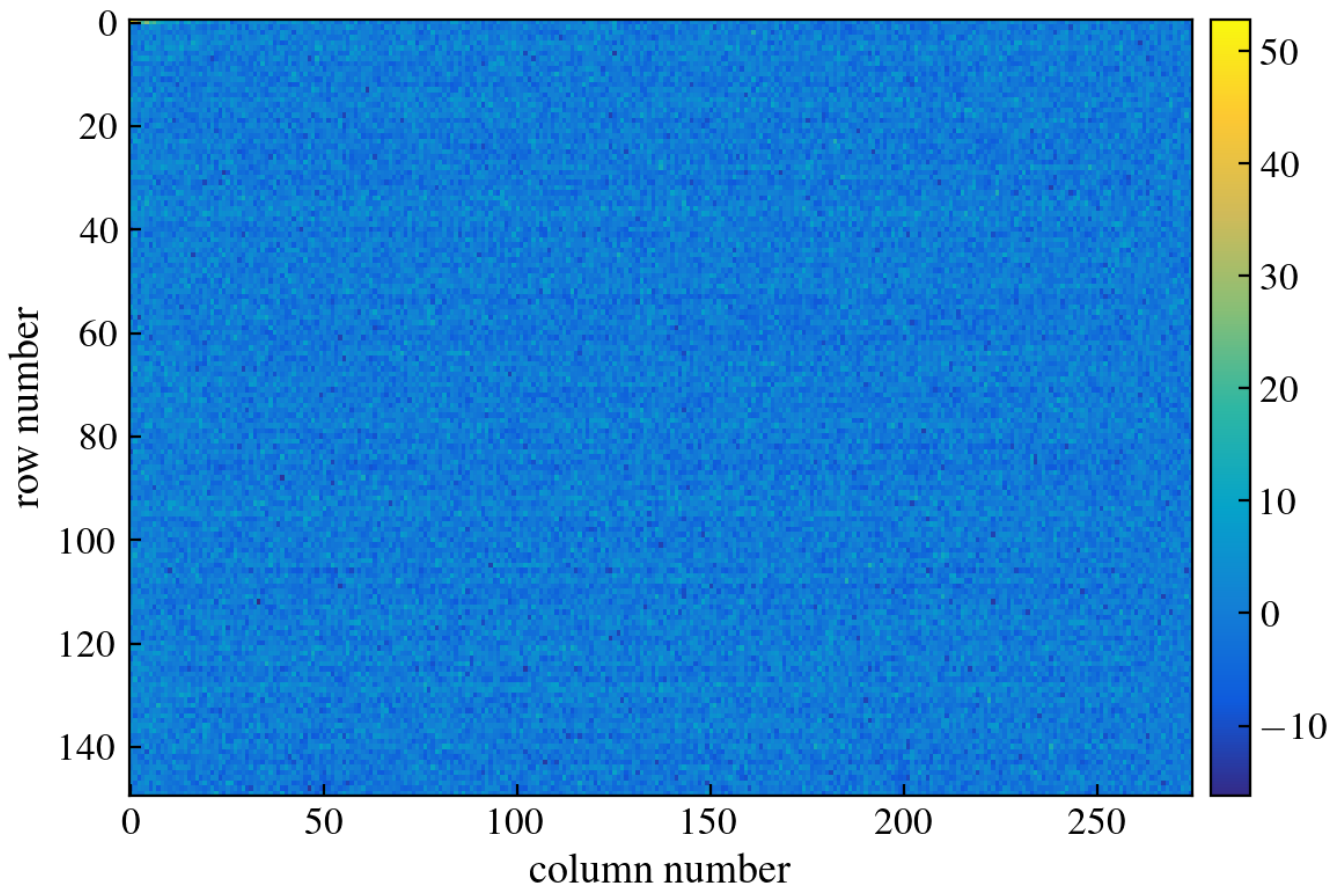


Figure 377: CCD Image

CCD Image: run 490, image 5
[class MECCDImage]

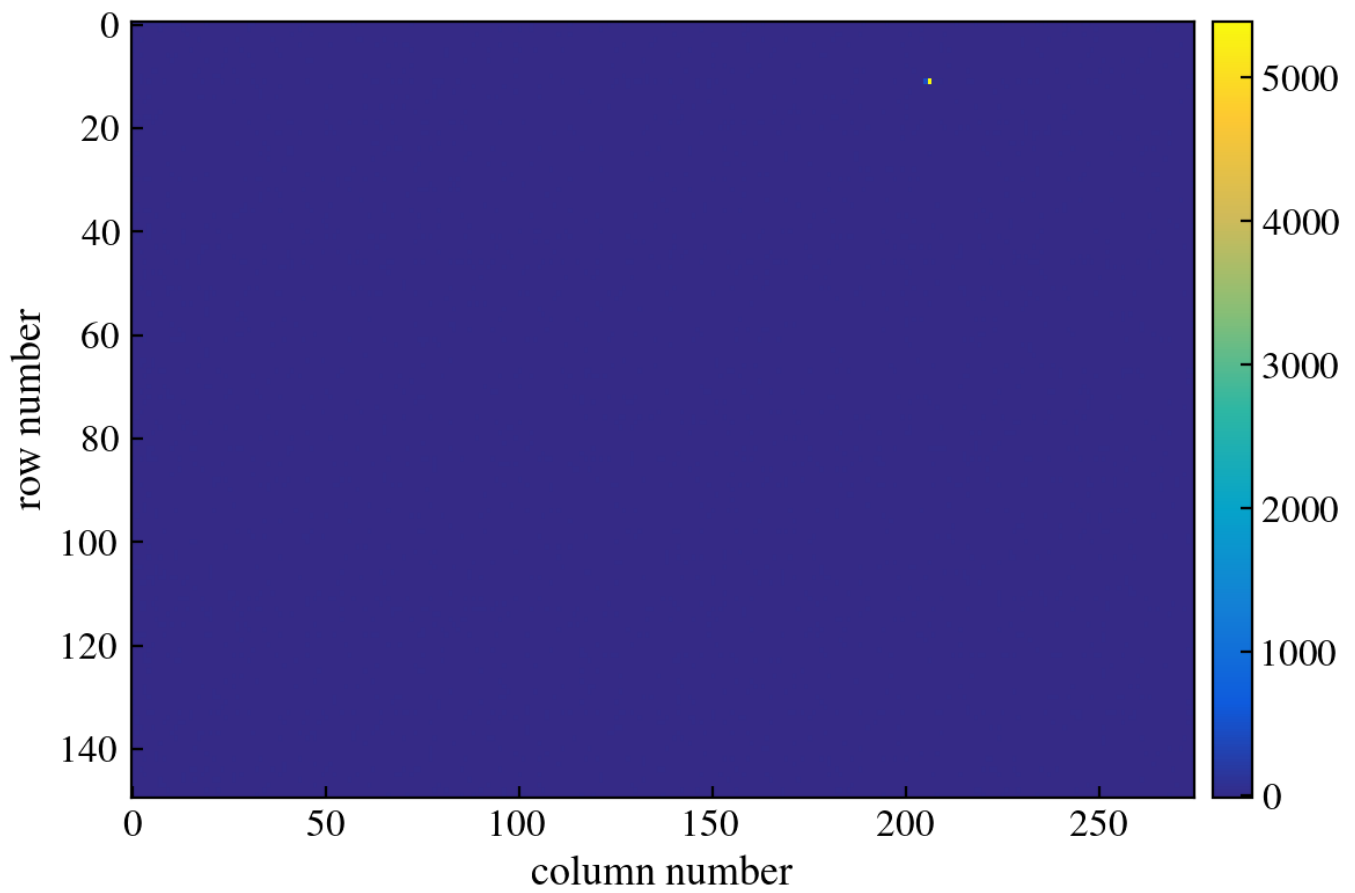


Figure 378: CCD Image

CCD Image: run 490, image 50
[class MECCDImage]

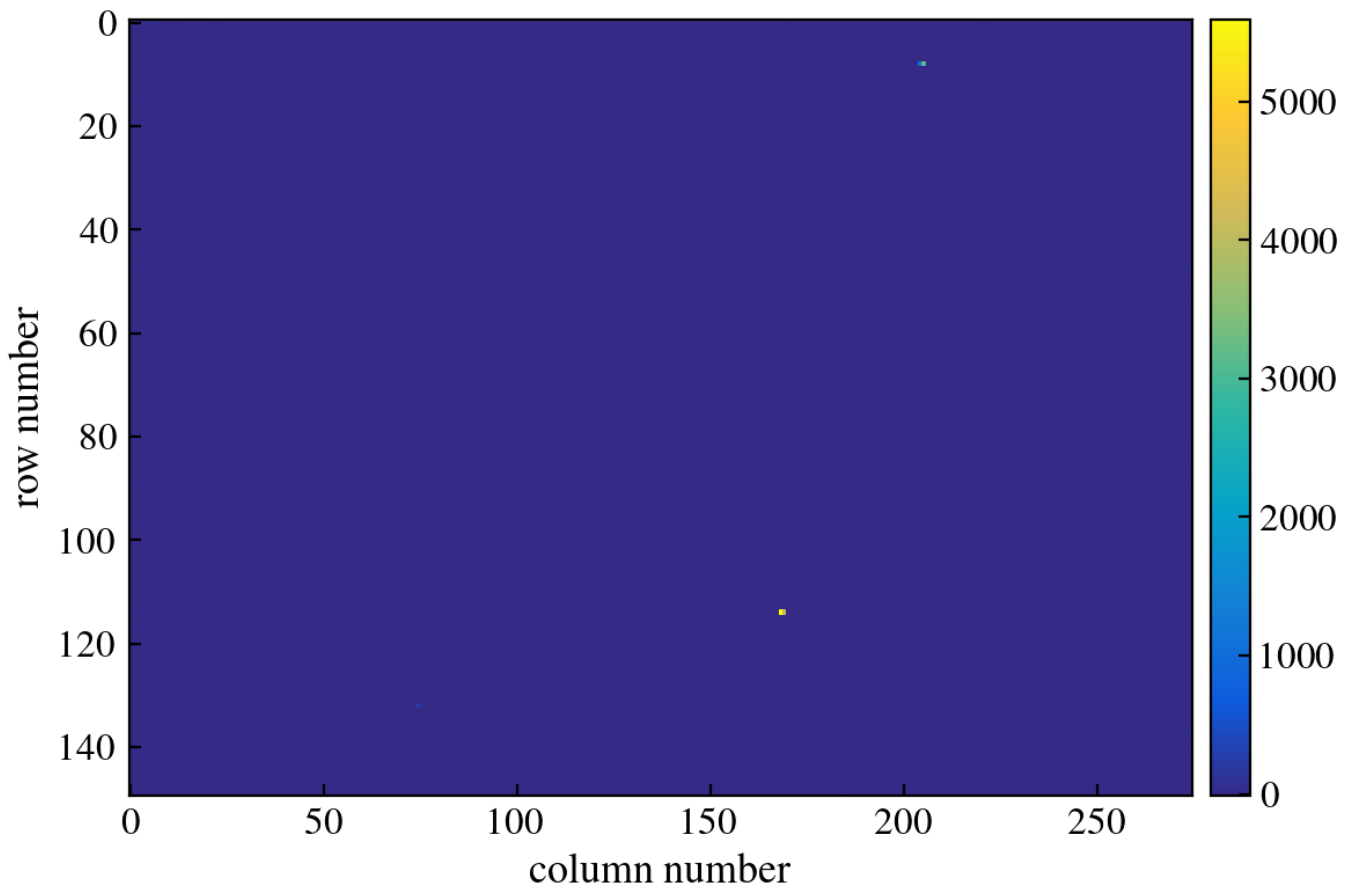


Figure 379: CCD Image

CCD Image: run 490, image 51
[class MECCDImage]

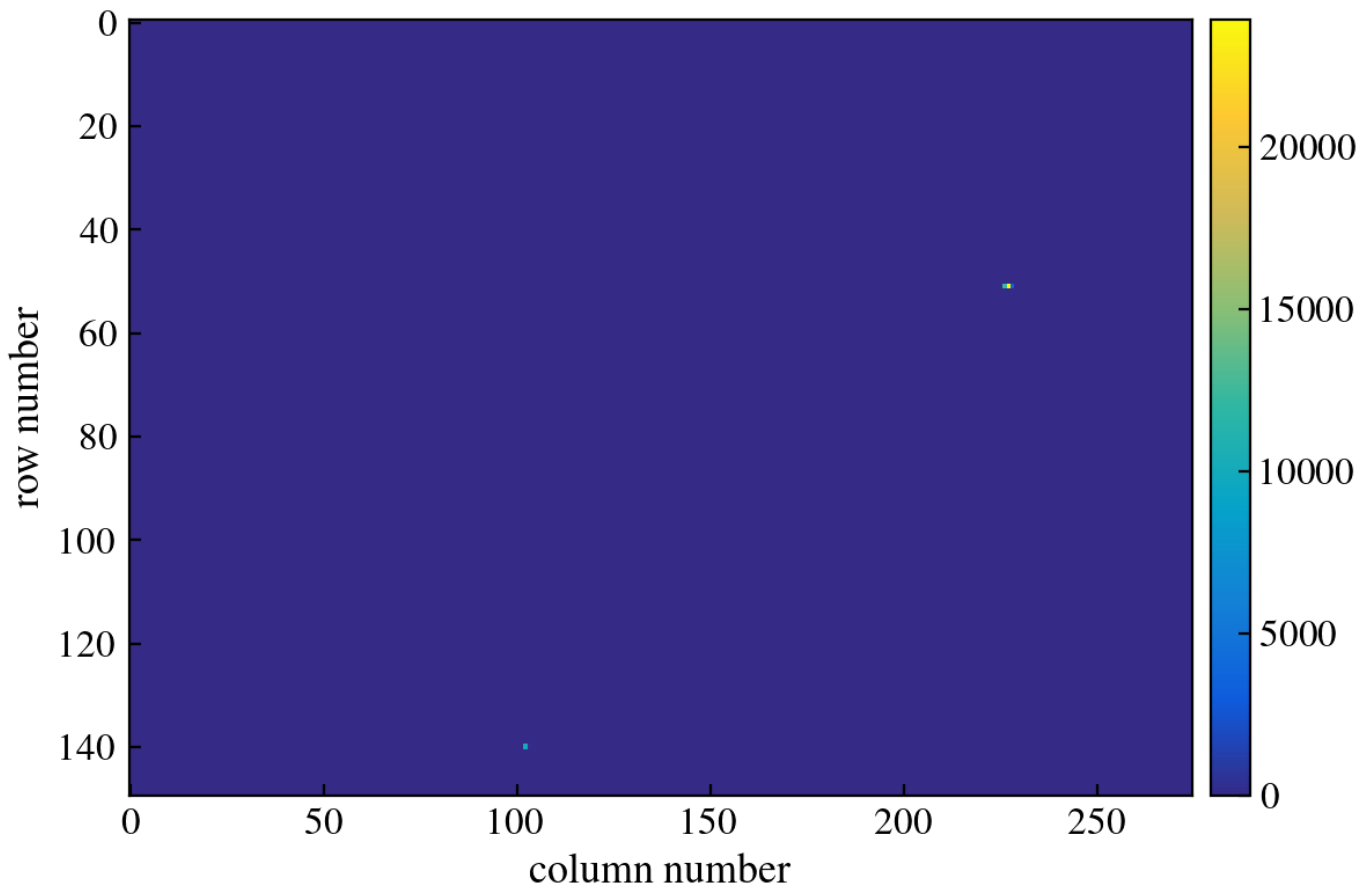


Figure 380: CCD Image

CCD Image: run 490, image 52
[class MECCDImage]

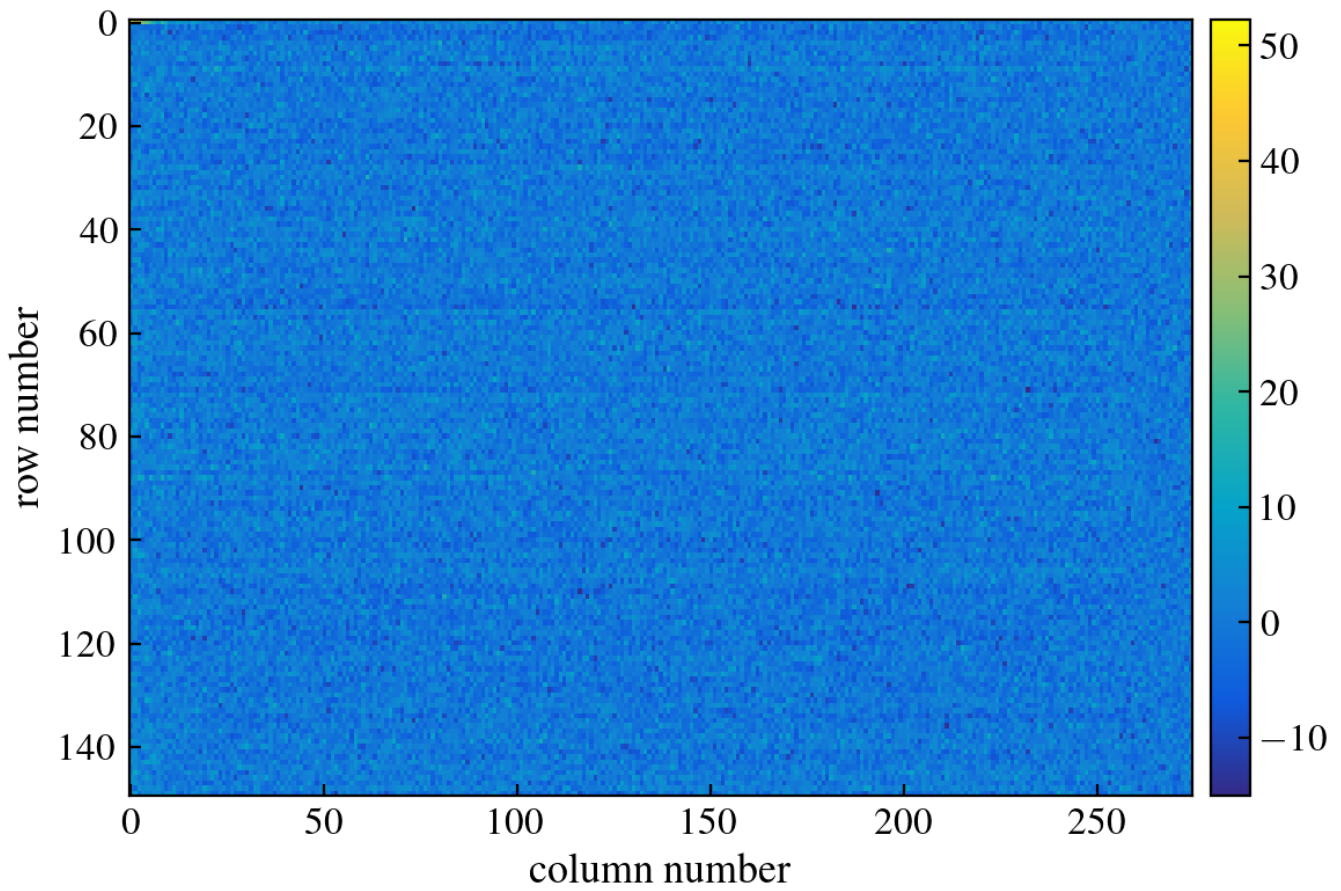


Figure 381: CCD Image

CCD Image: run 490, image 53
[class MECCDImage]

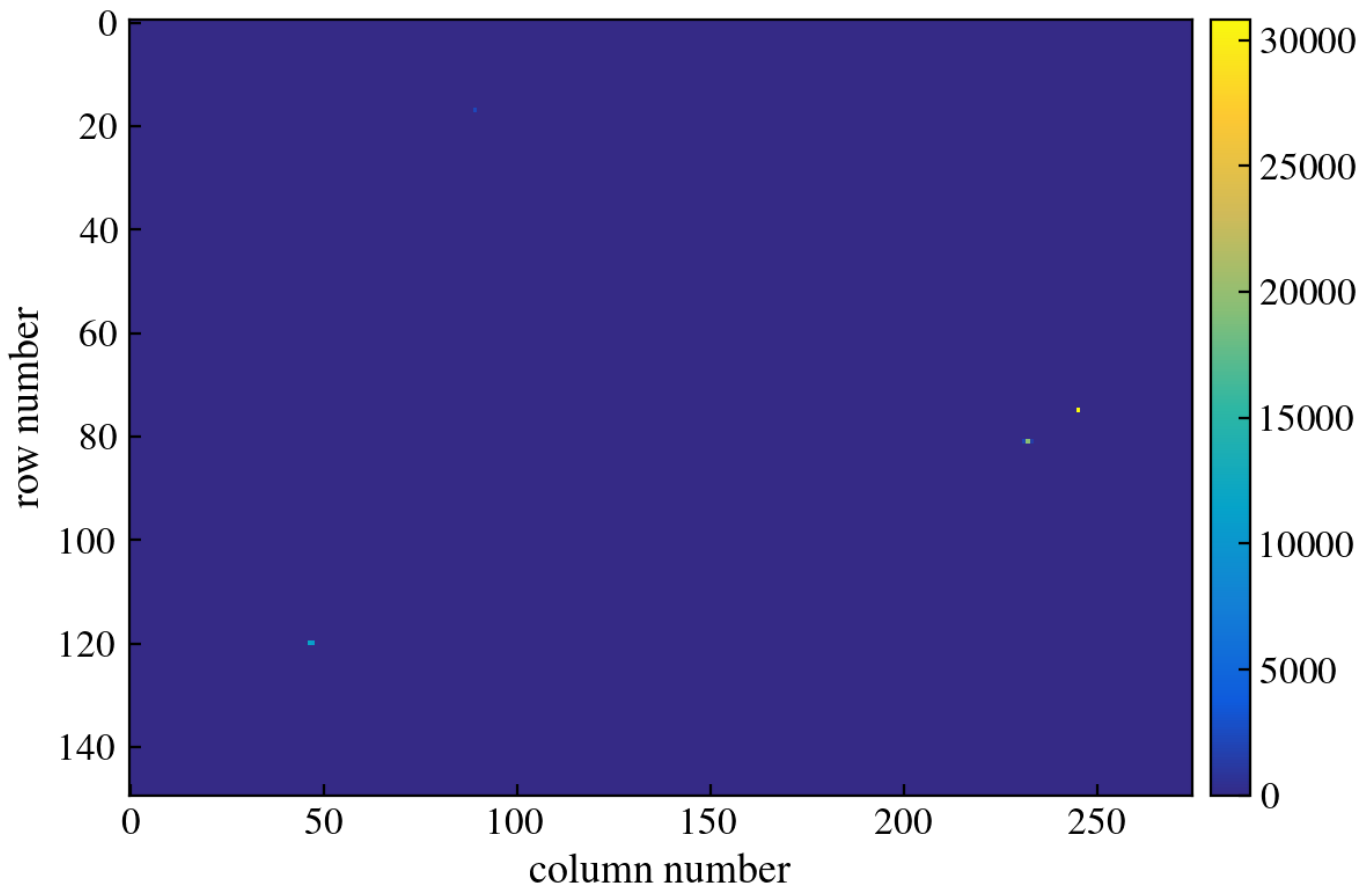


Figure 382: CCD Image

CCD Image: run 490, image 54
[class MECCDImage]

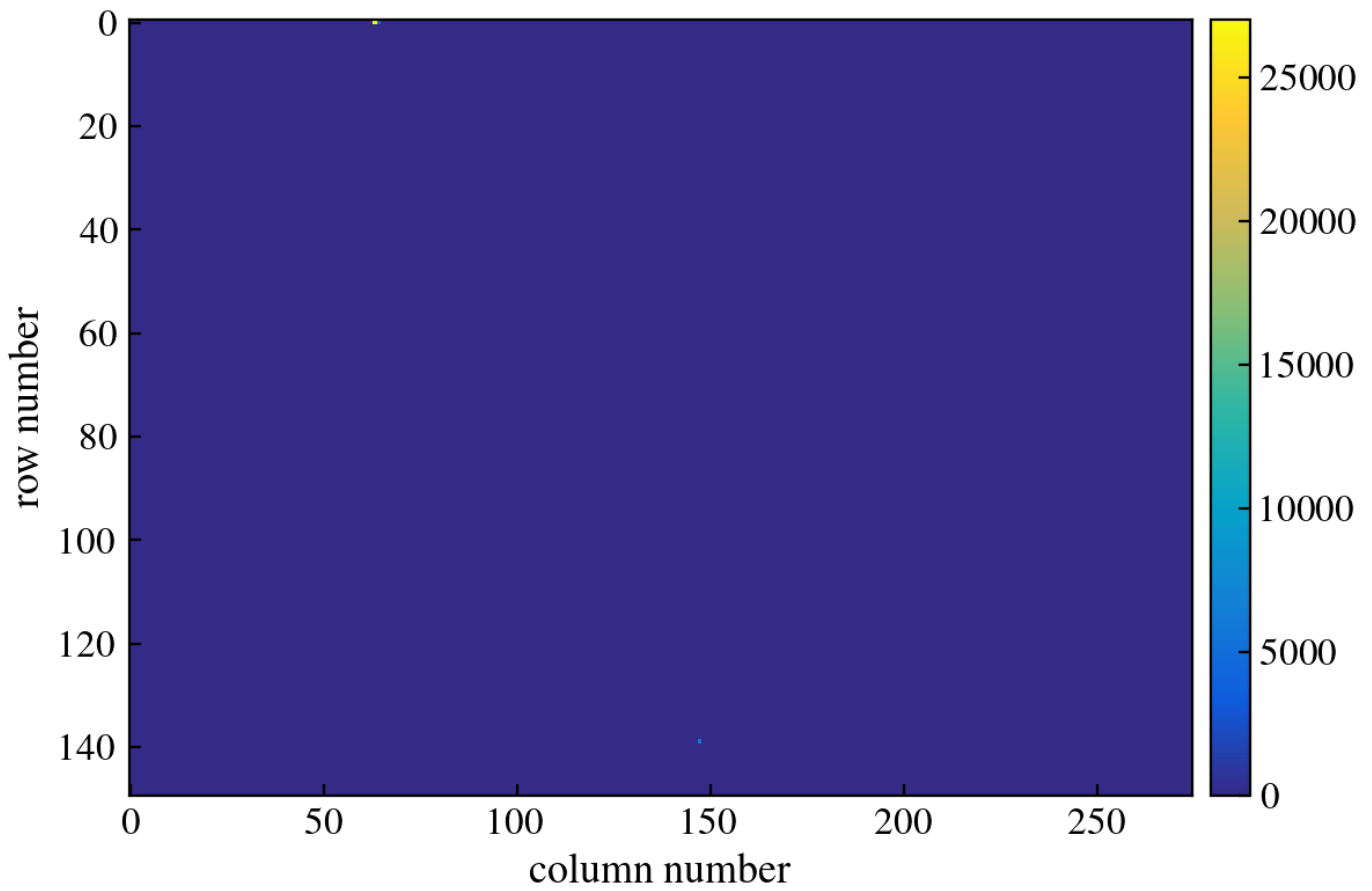


Figure 383: CCD Image

CCD Image: run 490, image 55
[class MECCDImage]

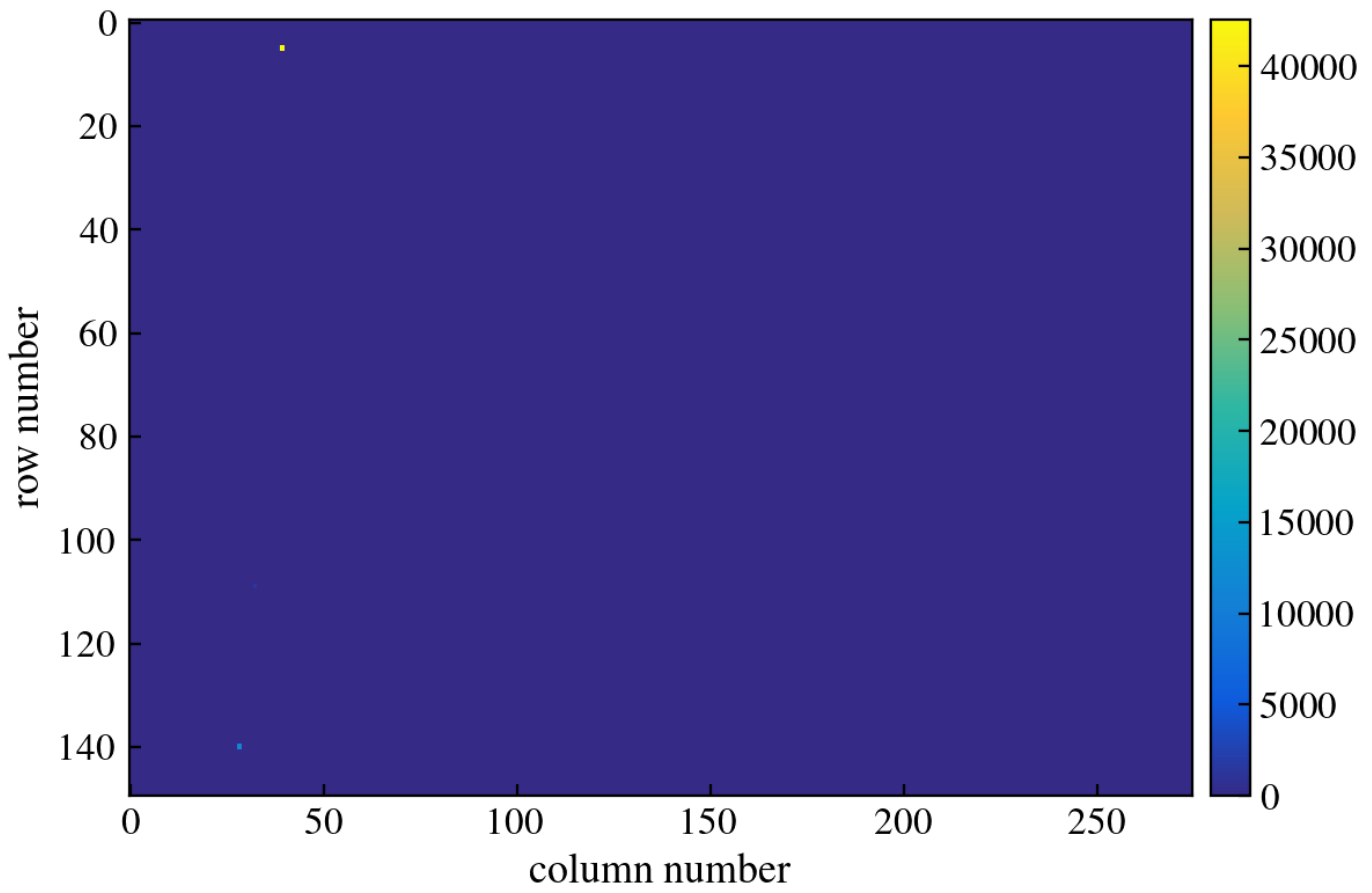


Figure 384: CCD Image

CCD Image: run 490, image 56
[class MECCDImage]

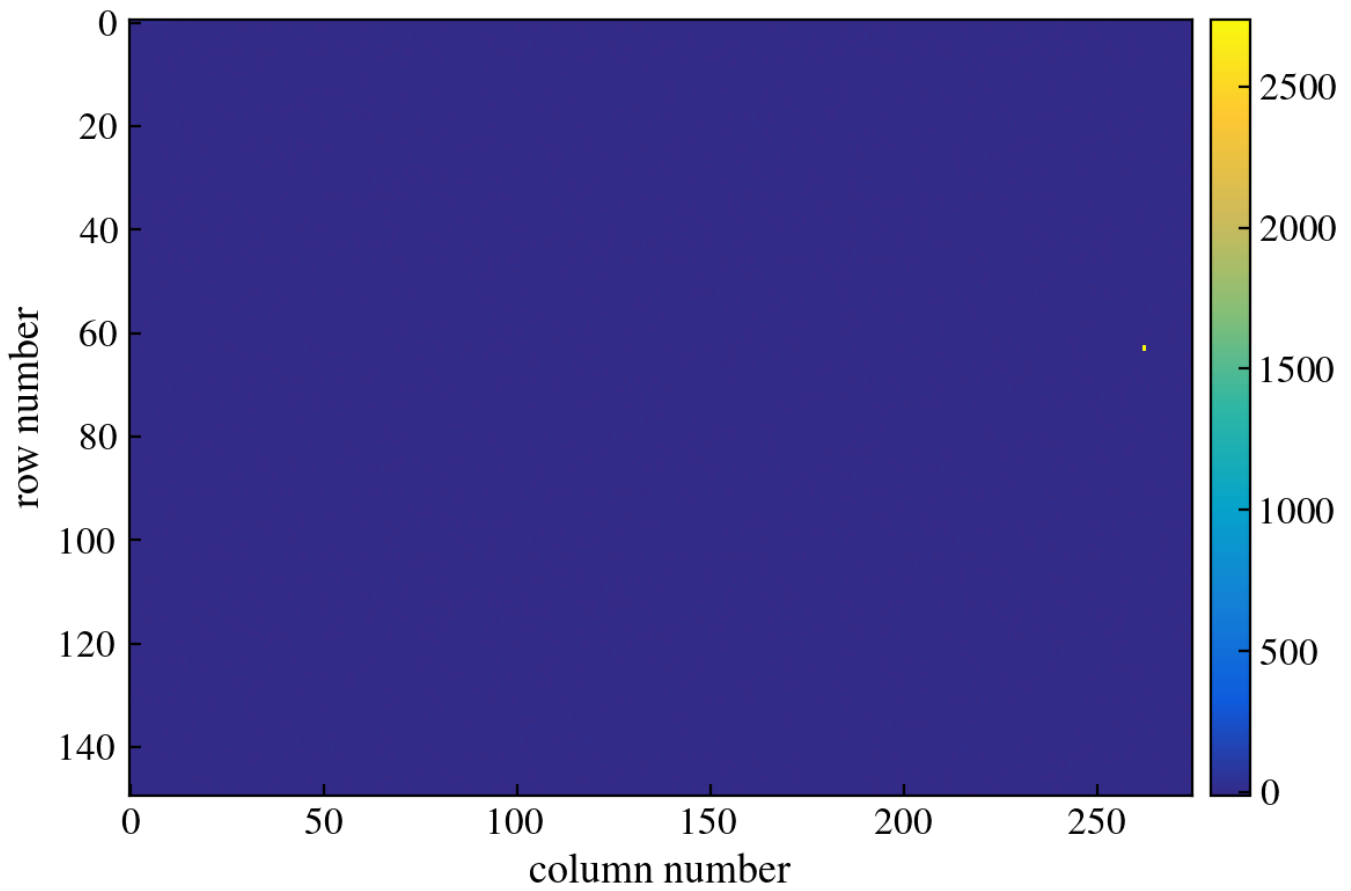


Figure 385: CCD Image

CCD Image: run 490, image 57
[class MECCDImage]

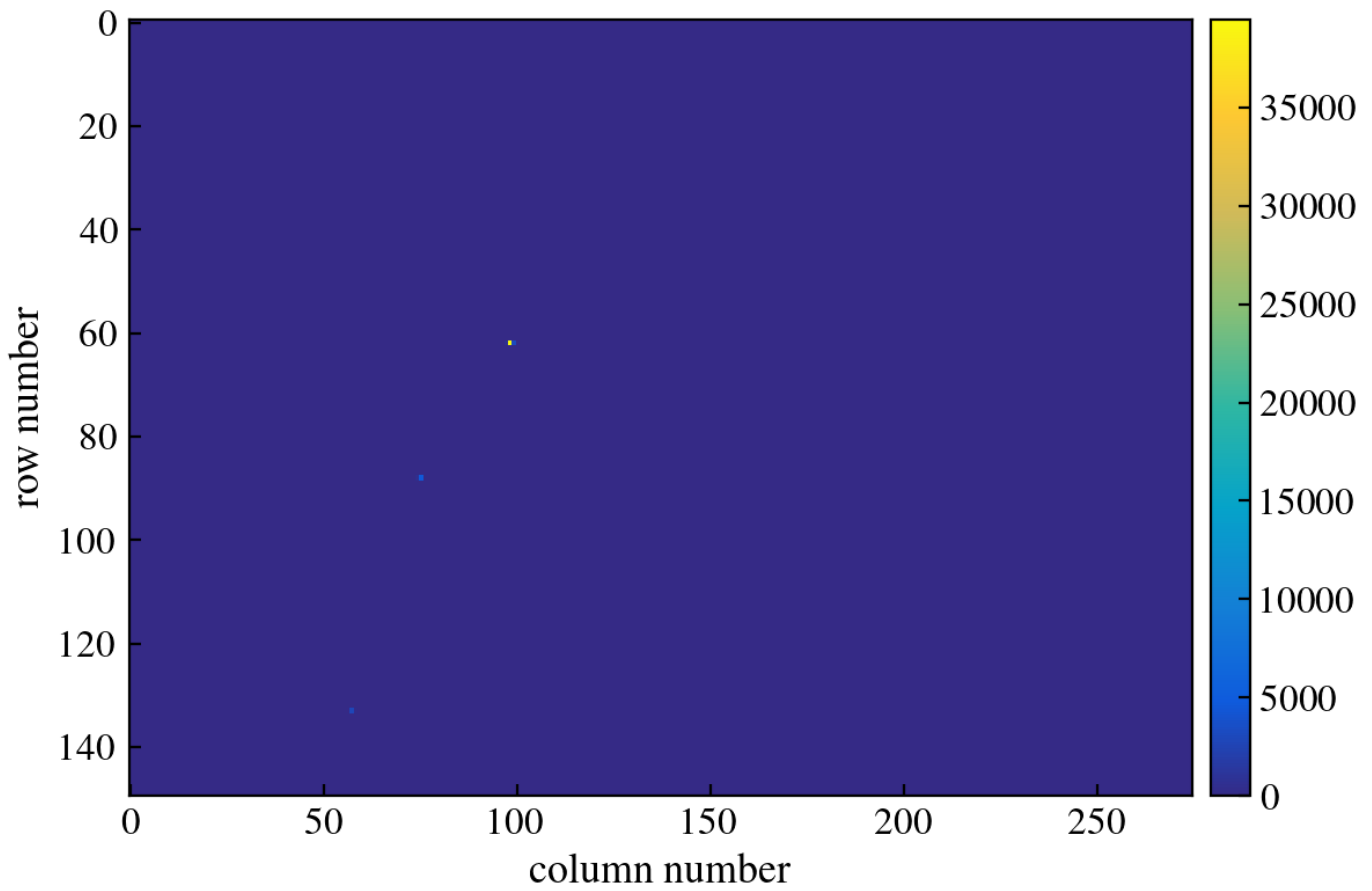


Figure 386: CCD Image

CCD Image: run 490, image 58
[class MECCDImage]

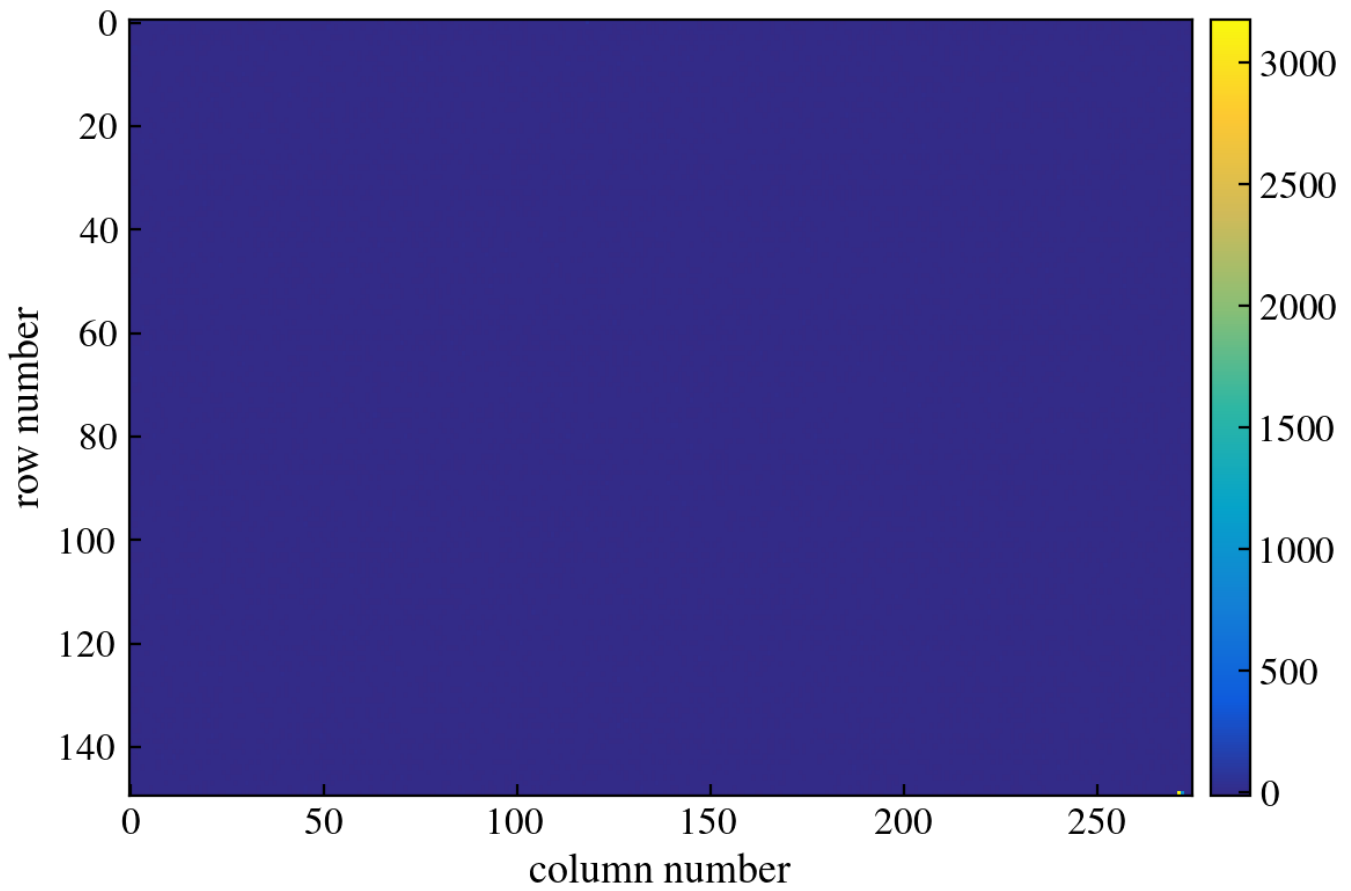


Figure 387: CCD Image

CCD Image: run 490, image 59
[class MECCDImage]

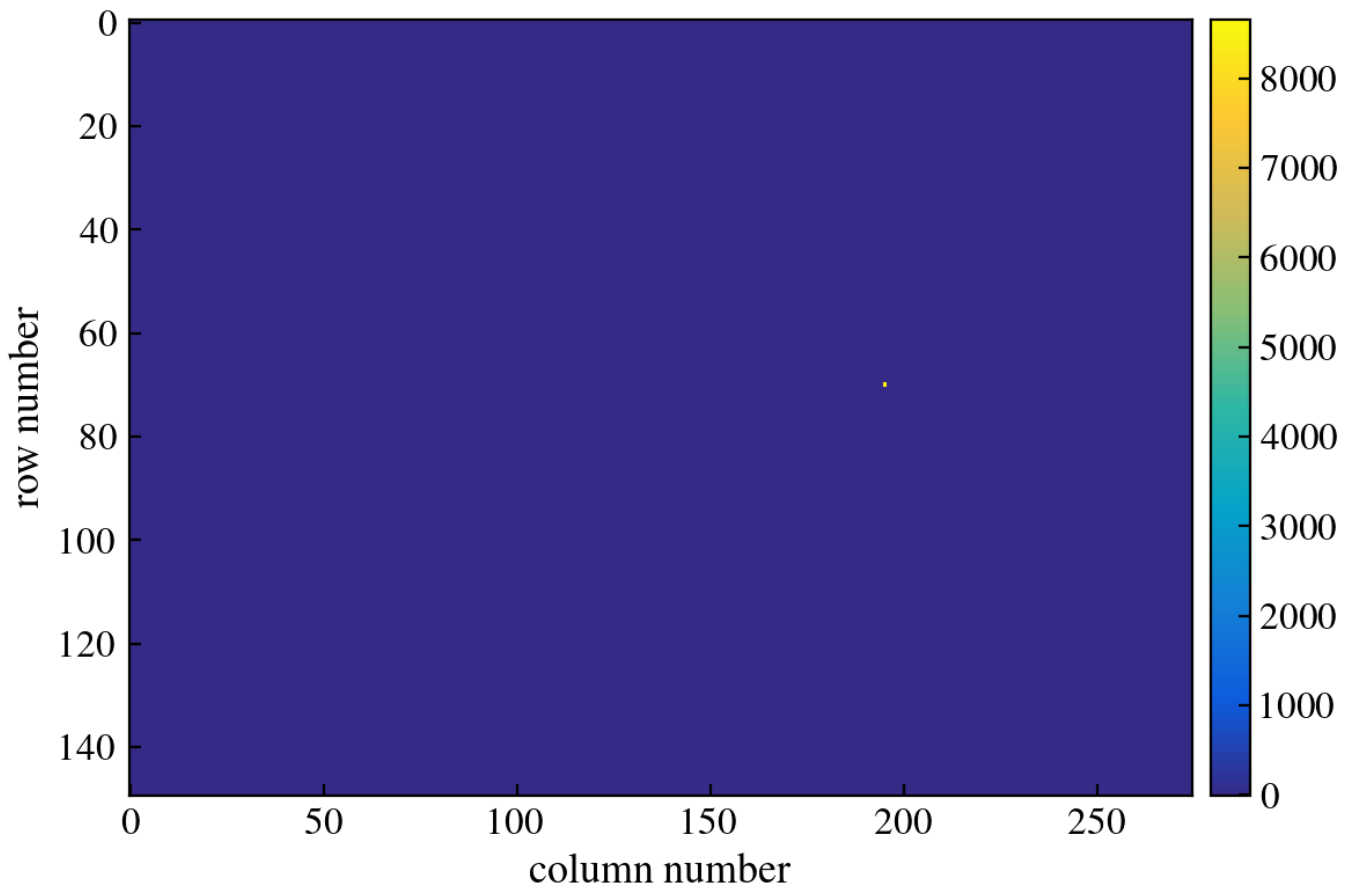


Figure 388: CCD Image

CCD Image: run 490, image 6
[class MECCDImage]

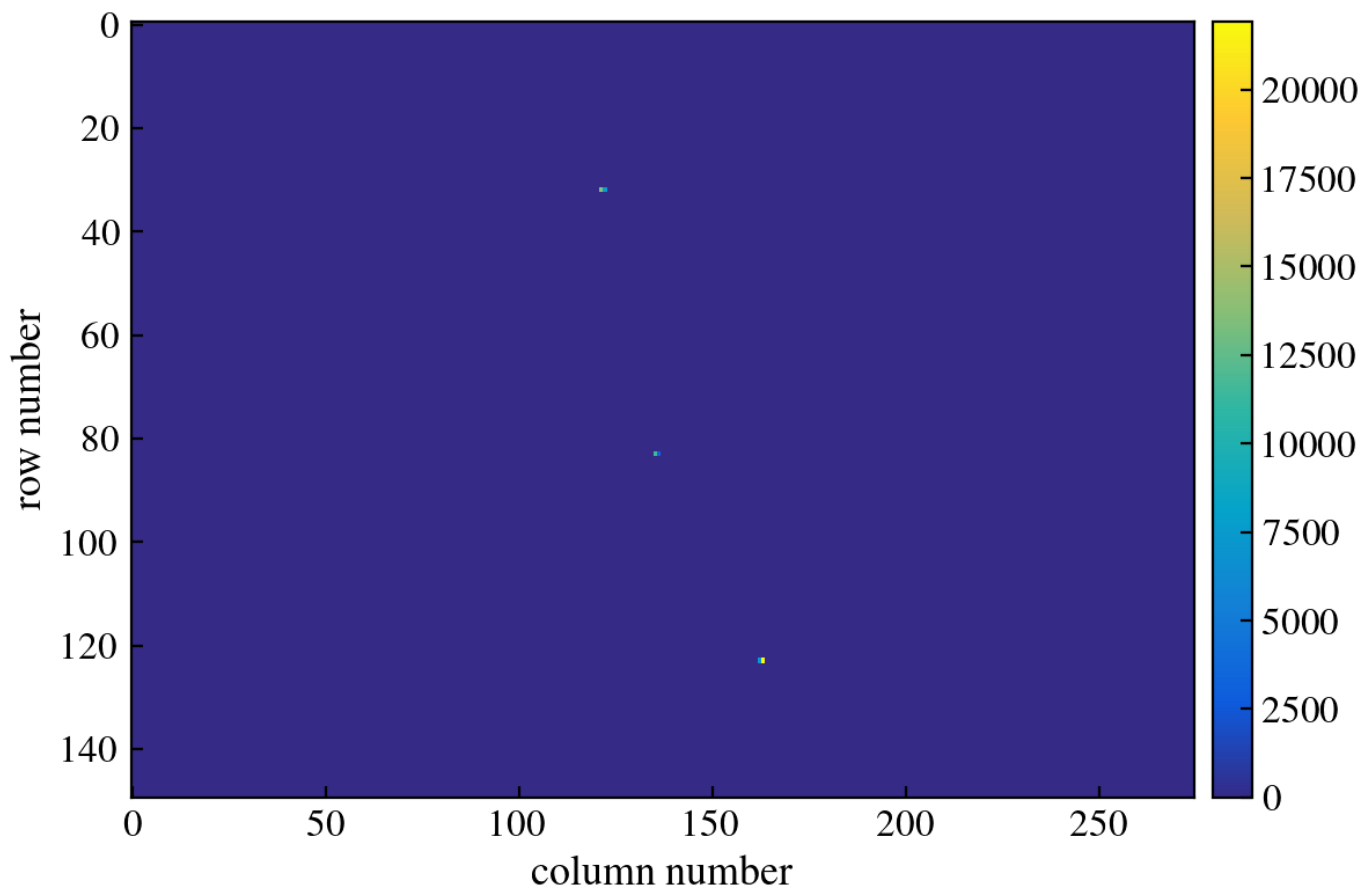


Figure 389: CCD Image

CCD Image: run 490, image 60
[class MECCDImage]

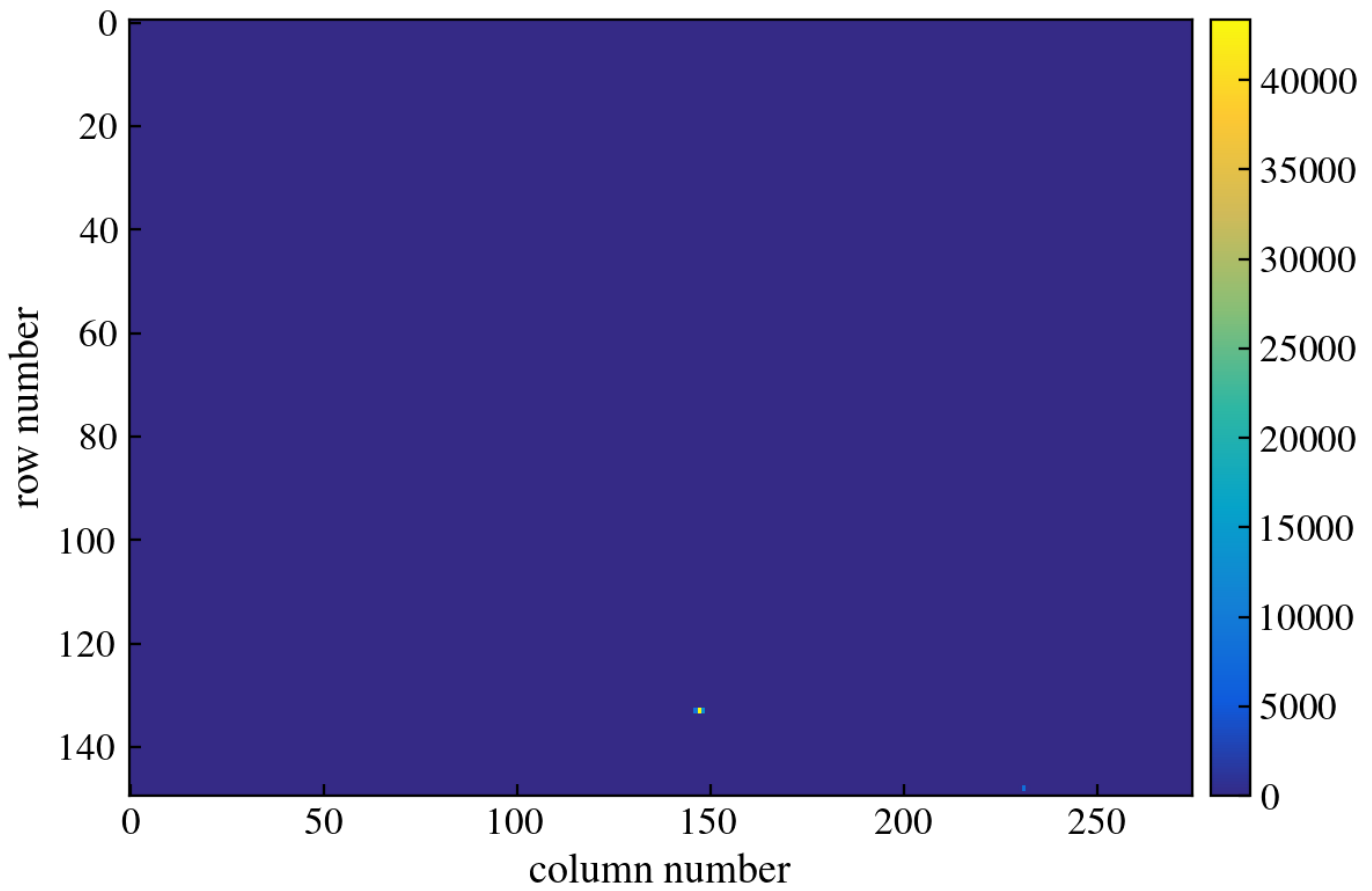


Figure 390: CCD Image

CCD Image: run 490, image 61
[class MECCDImage]

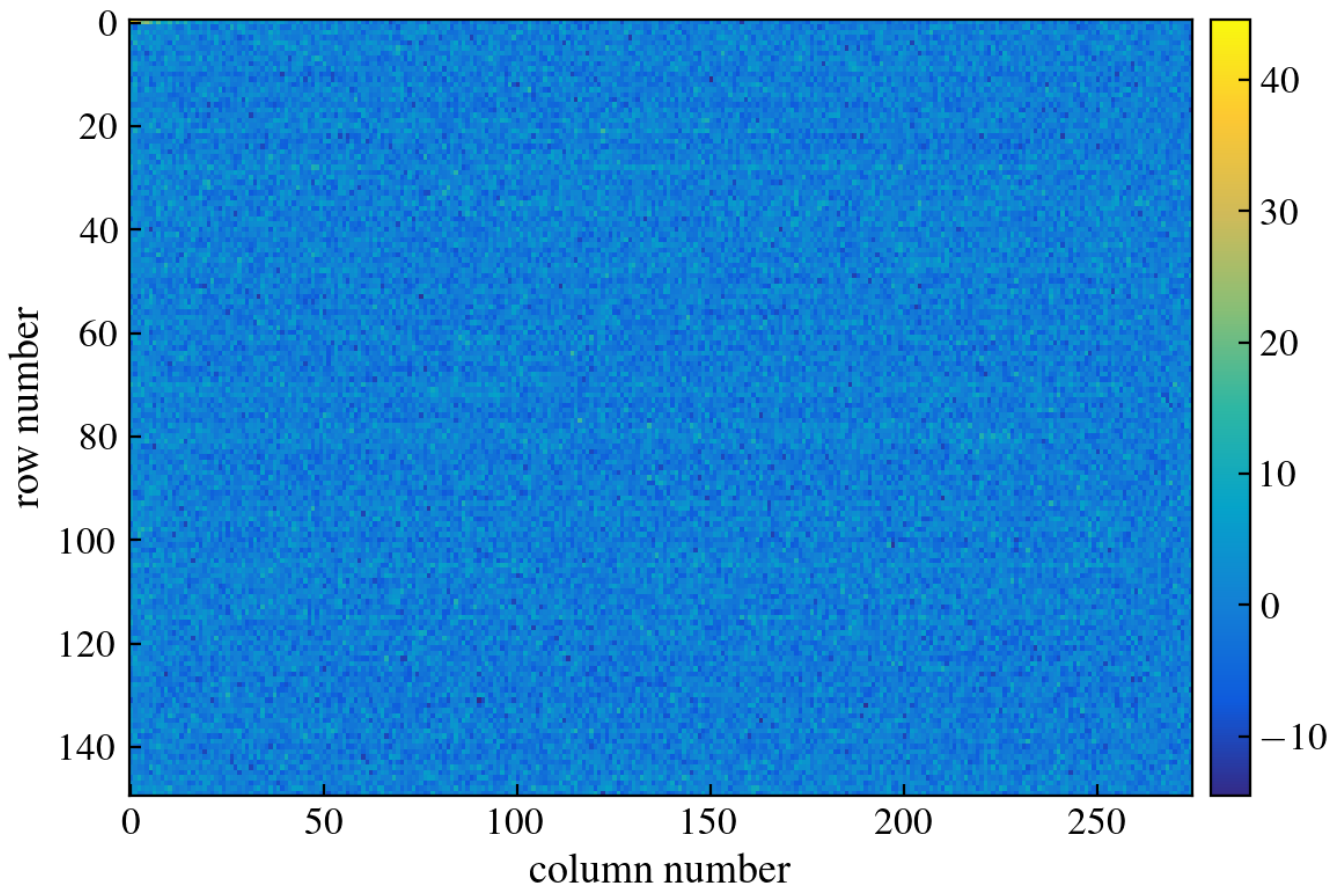


Figure 391: CCD Image

CCD Image: run 490, image 62
[class MECCDImage]

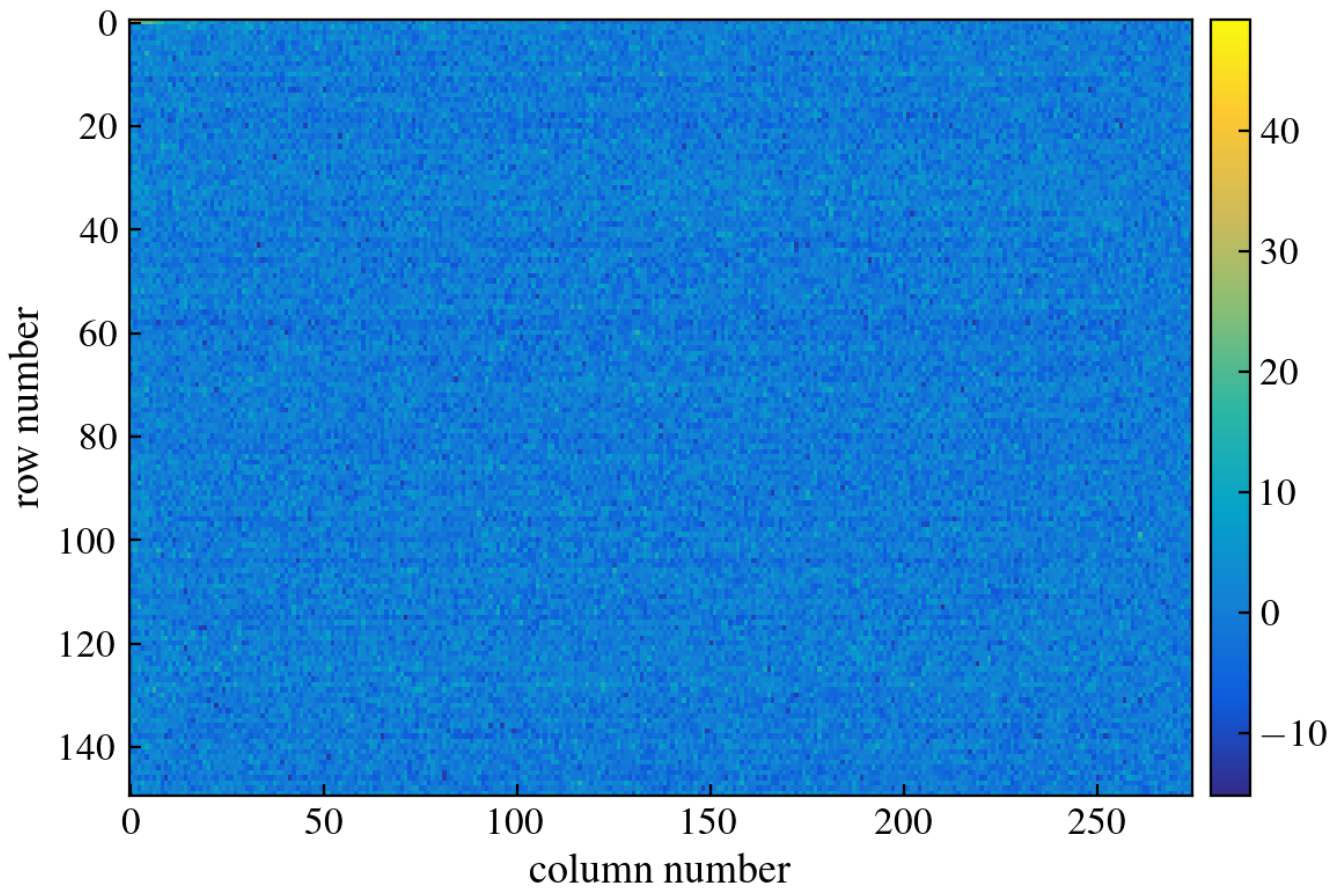


Figure 392: CCD Image

CCD Image: run 490, image 63
[class MECCDImage]

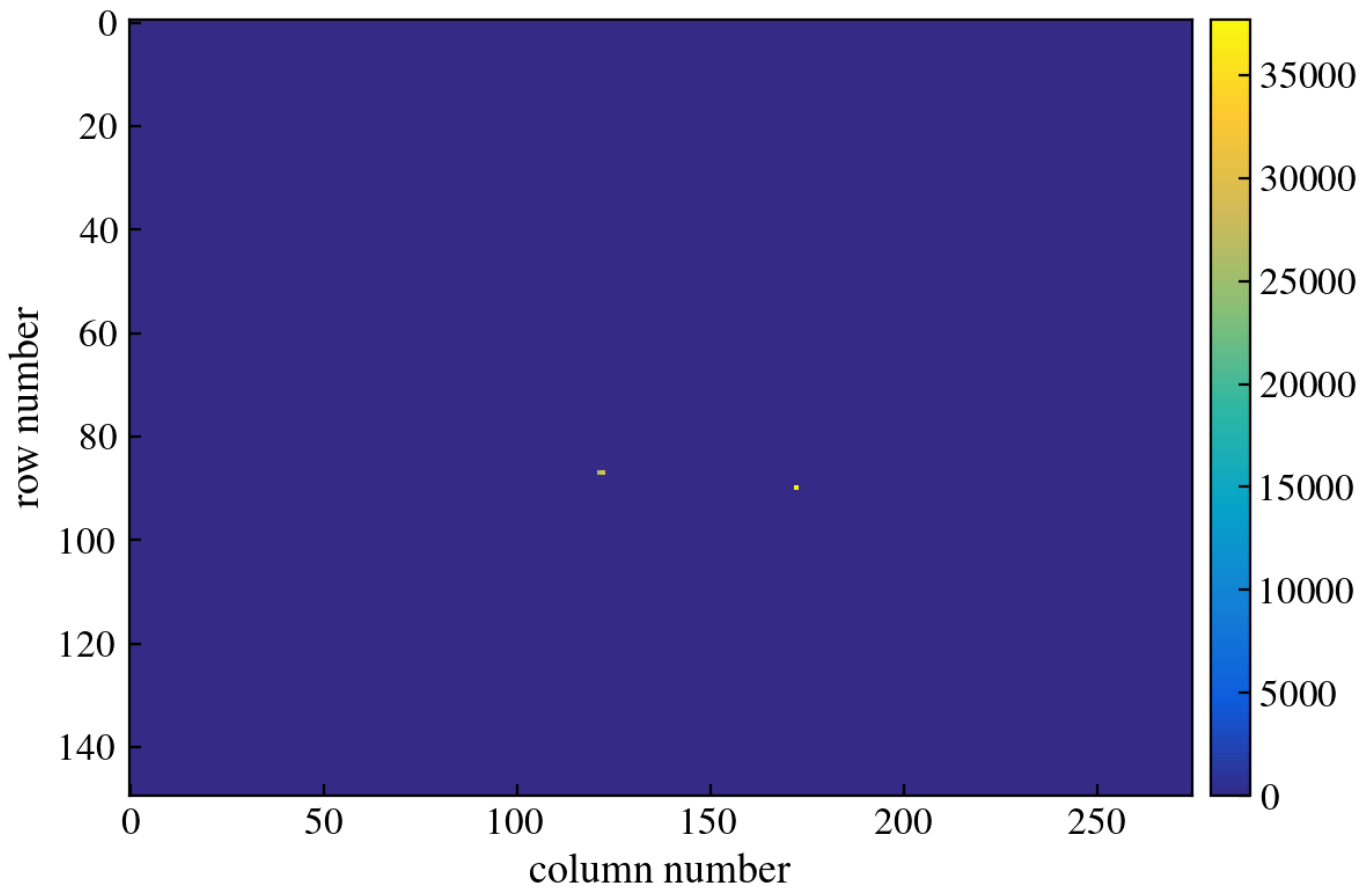


Figure 393: CCD Image

CCD Image: run 490, image 64
[class MECCDImage]

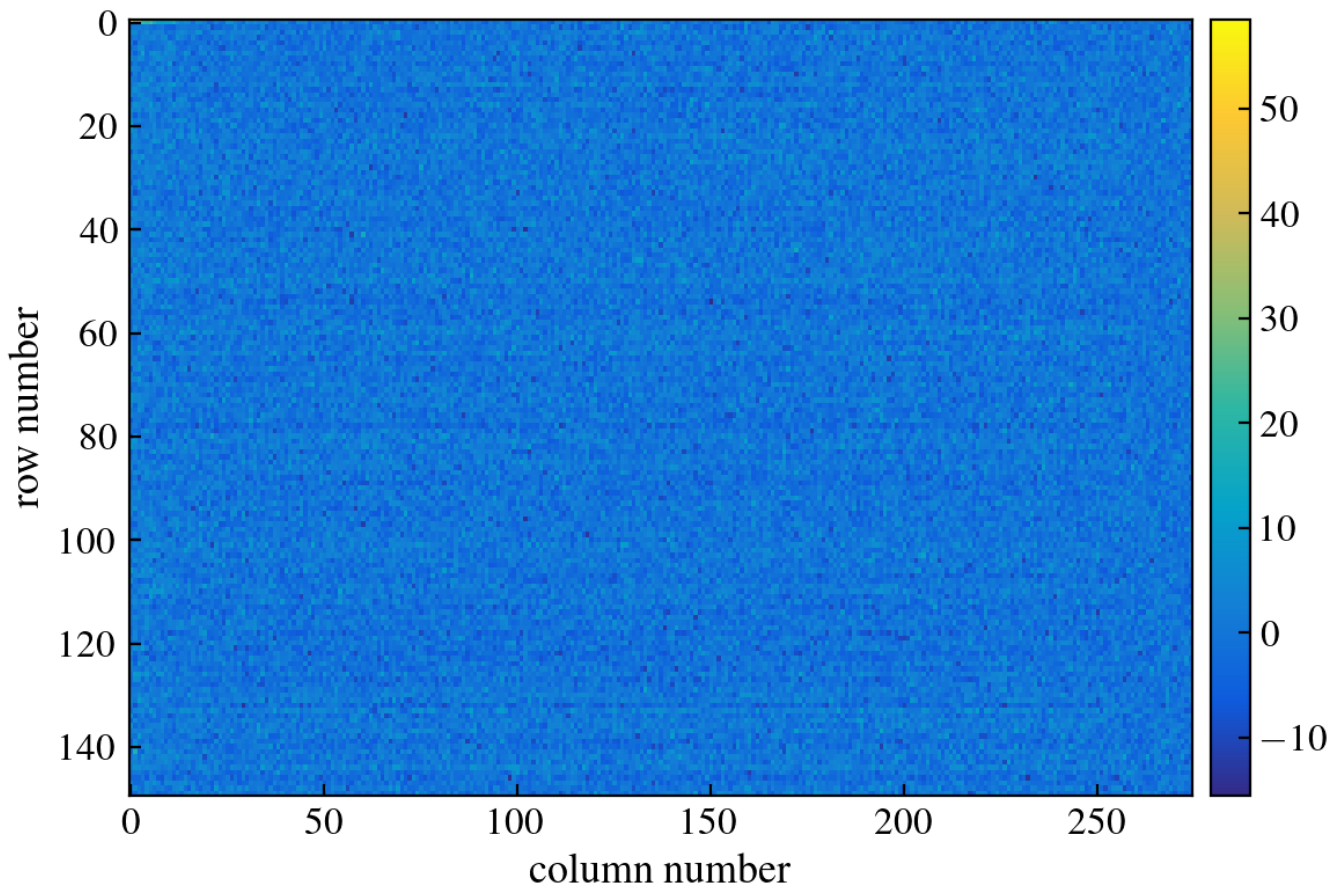


Figure 394: CCD Image

CCD Image: run 490, image 65
[class MECCDImage]

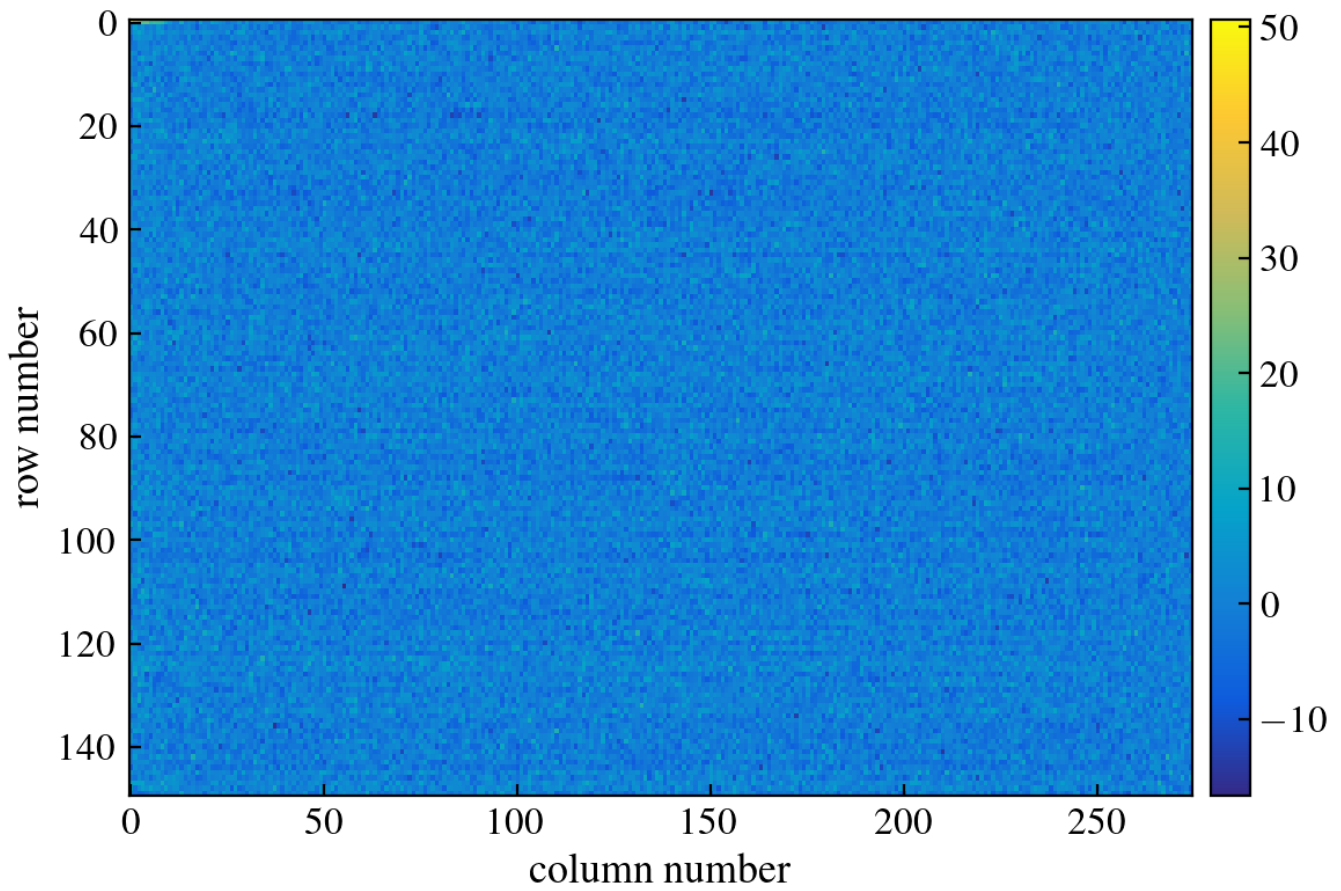


Figure 395: CCD Image

CCD Image: run 490, image 66
[class MECCDImage]

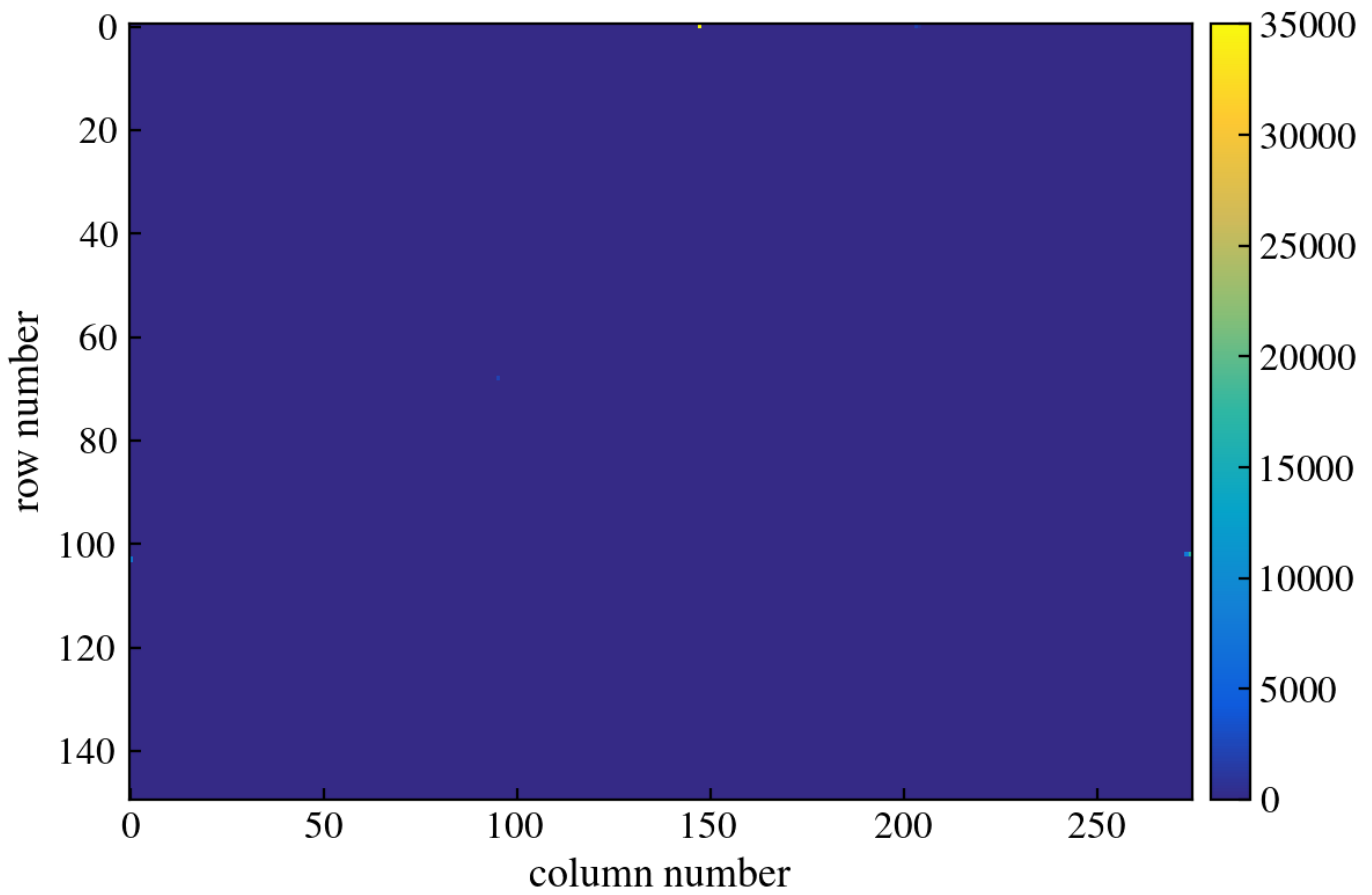


Figure 396: CCD Image

CCD Image: run 490, image 67
[class MECCDImage]

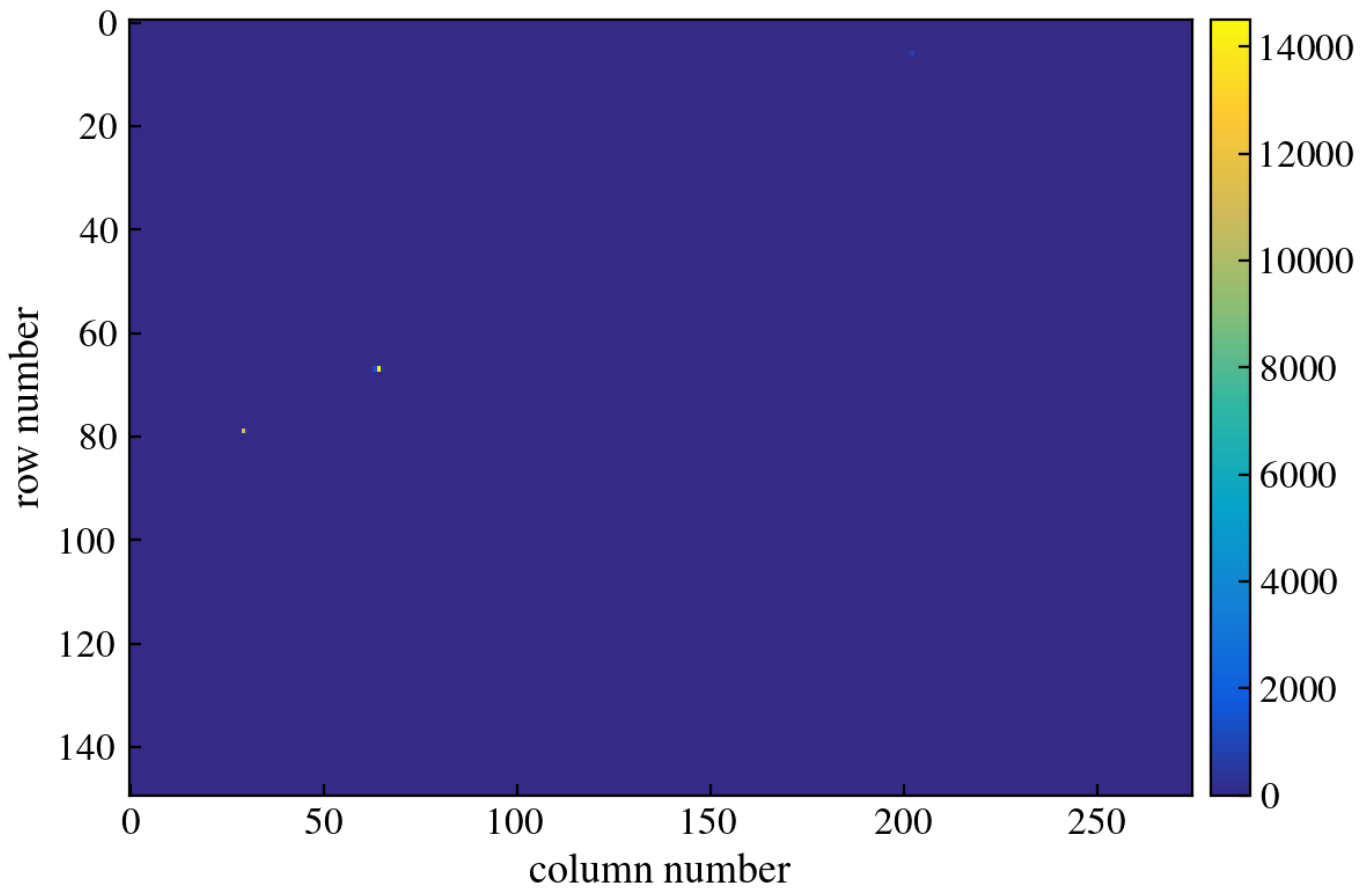


Figure 397: CCD Image

CCD Image: run 490, image 68
[class MECCDImage]

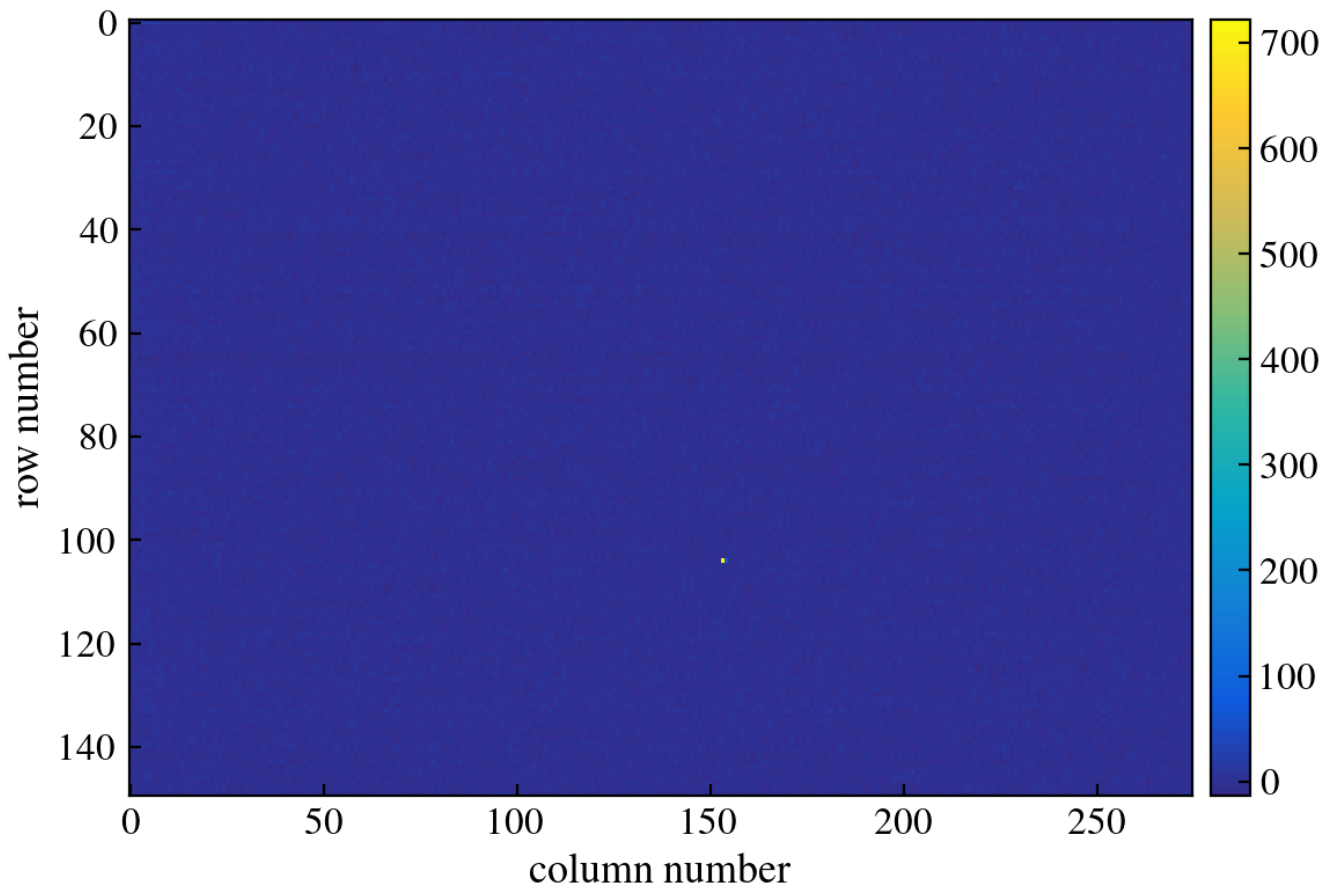


Figure 398: CCD Image

CCD Image: run 490, image 69
[class MECCDImage]

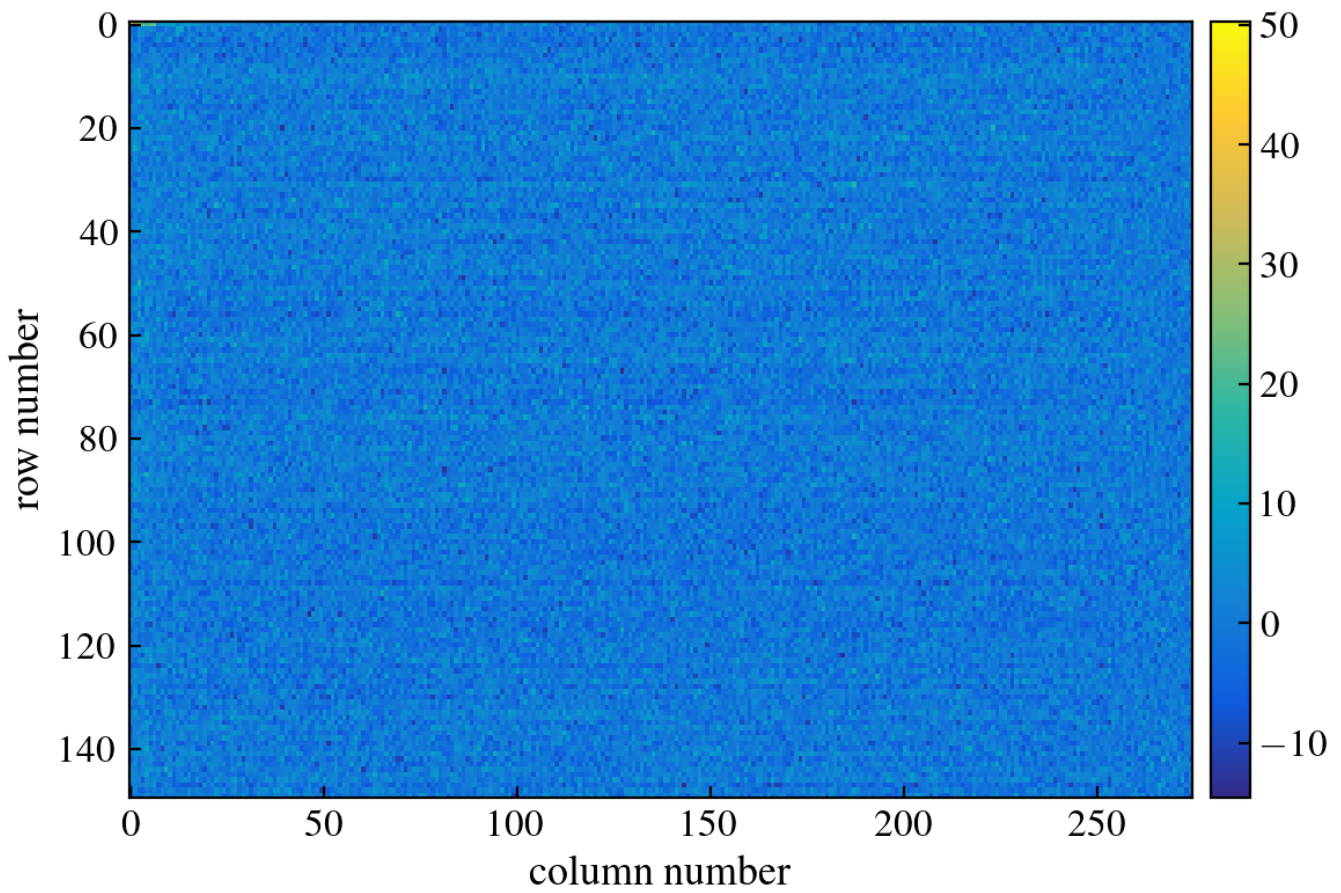


Figure 399: CCD Image

CCD Image: run 490, image 7
[class MECCDImage]

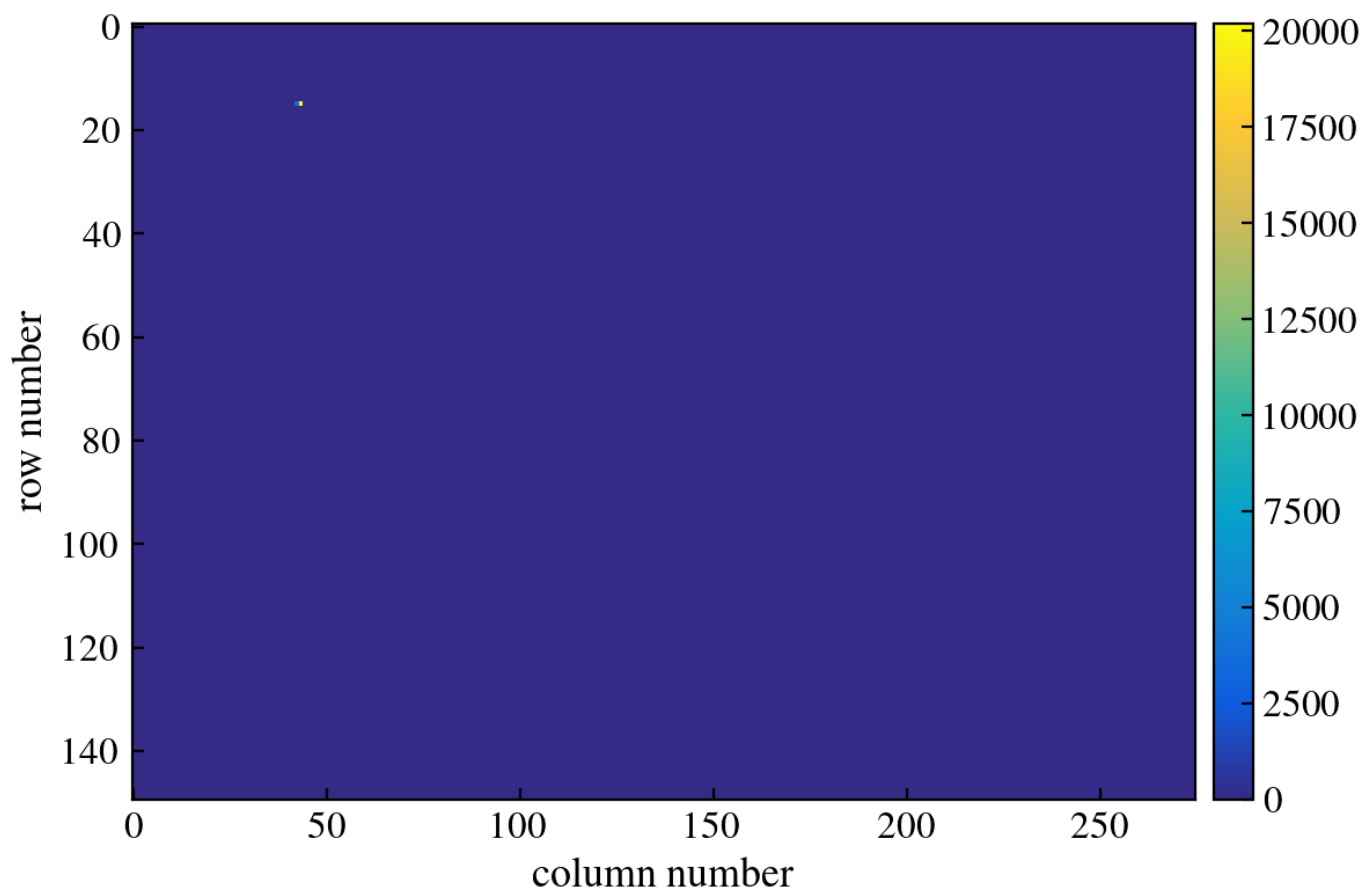


Figure 400: CCD Image

CCD Image: run 490, image 70
[class MECCDImage]

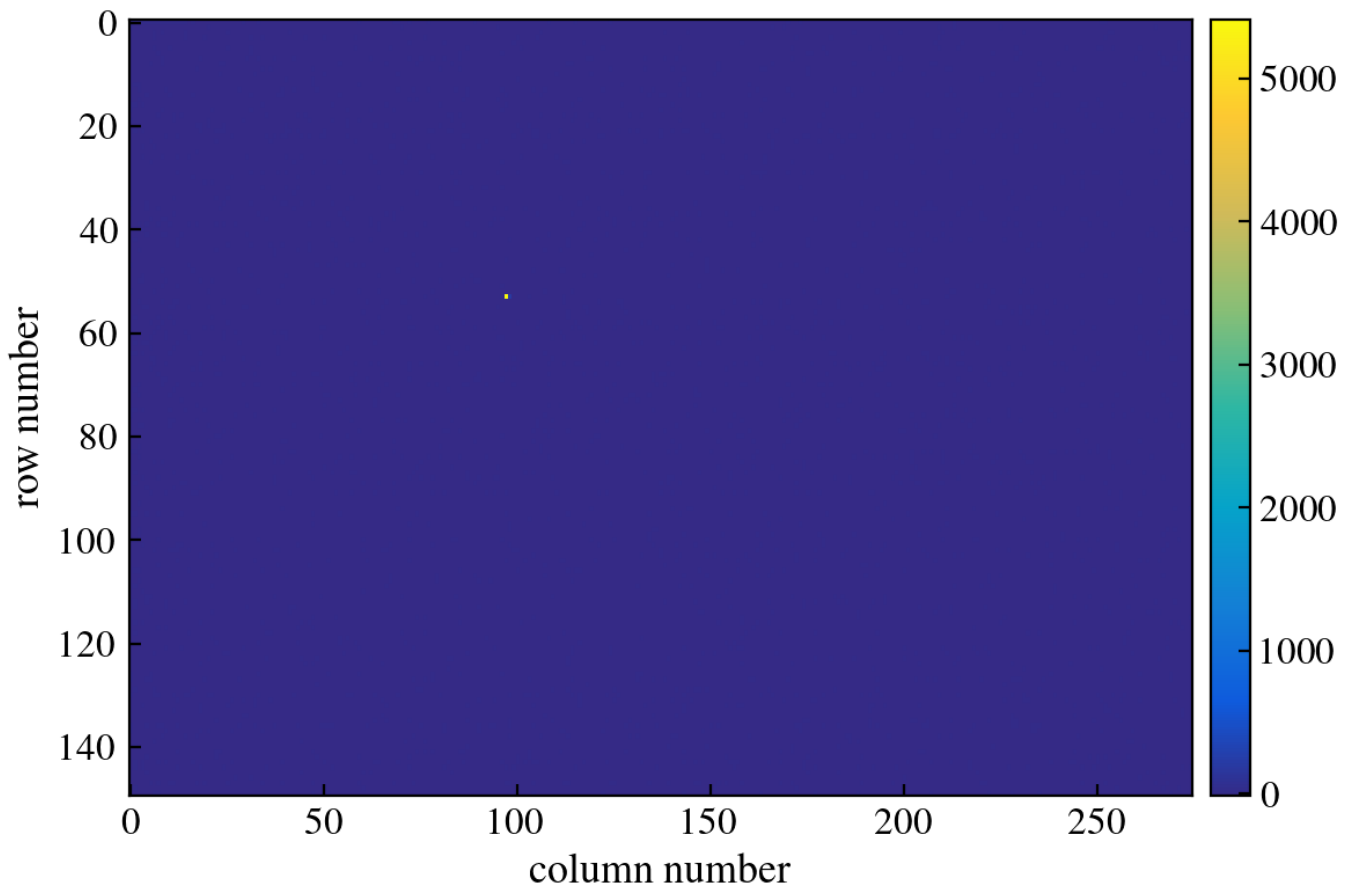


Figure 401: CCD Image

CCD Image: run 490, image 71
[class MECCDImage]

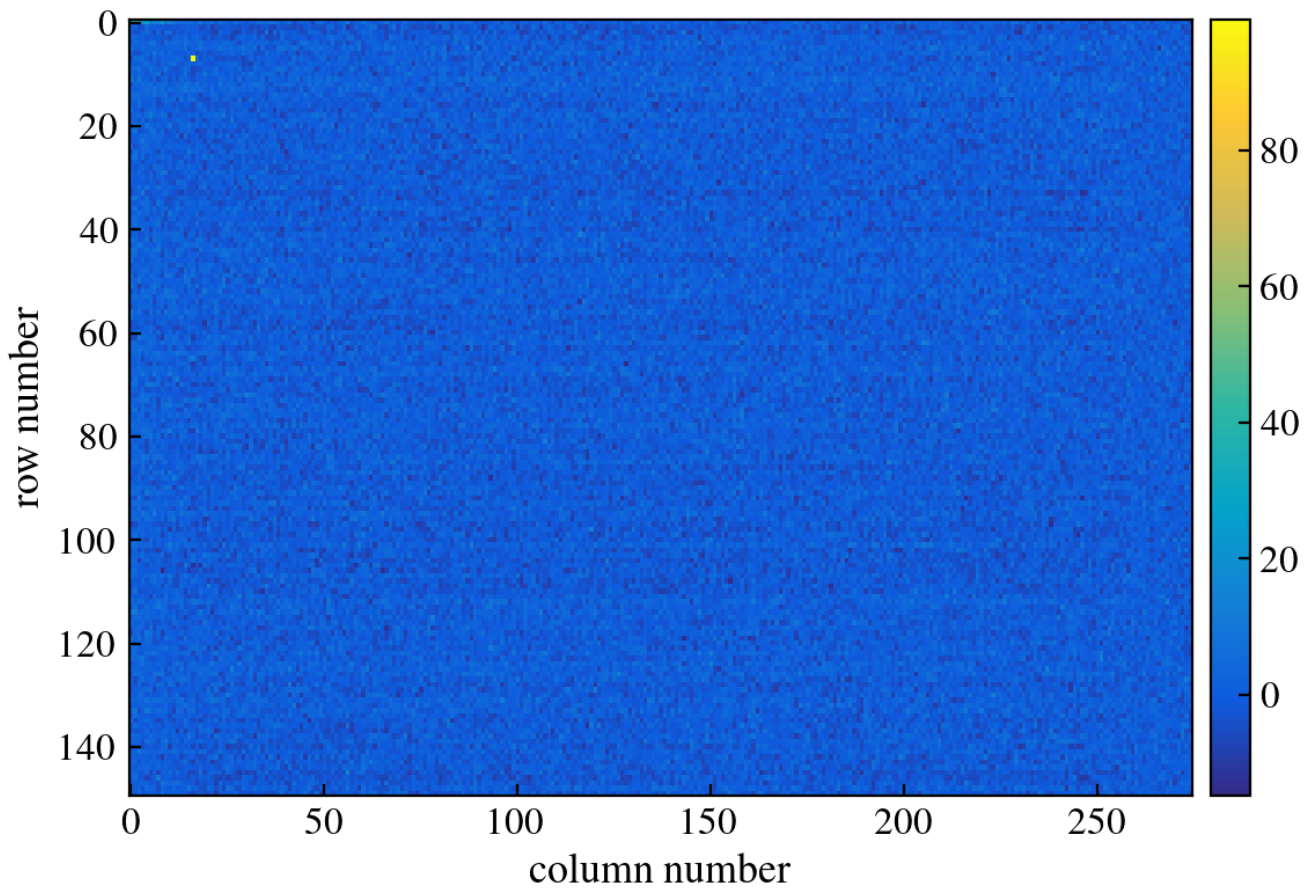


Figure 402: CCD Image

CCD Image: run 490, image 72
[class MECCDImage]

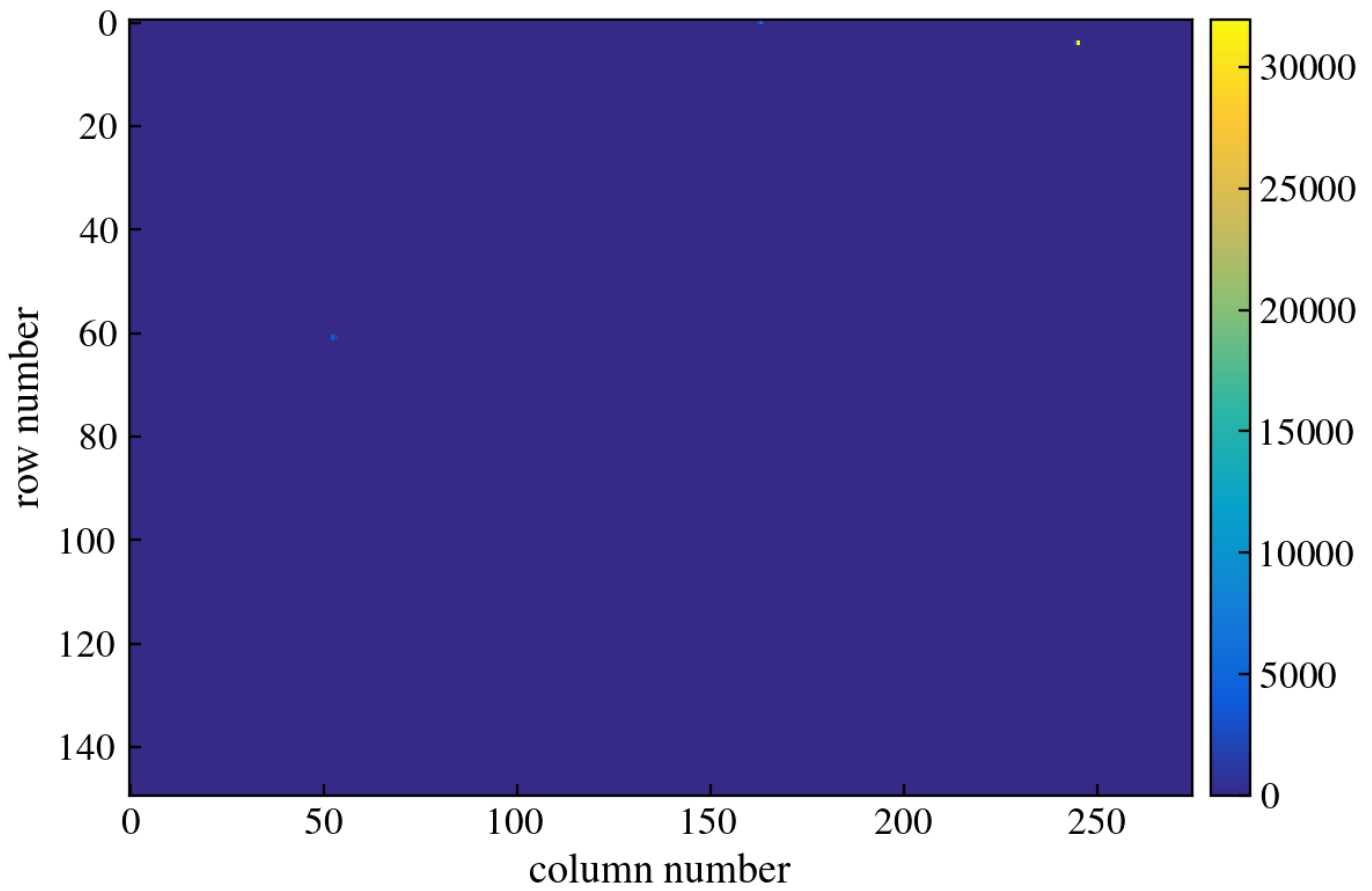


Figure 403: CCD Image

CCD Image: run 490, image 73
[class MECCDImage]

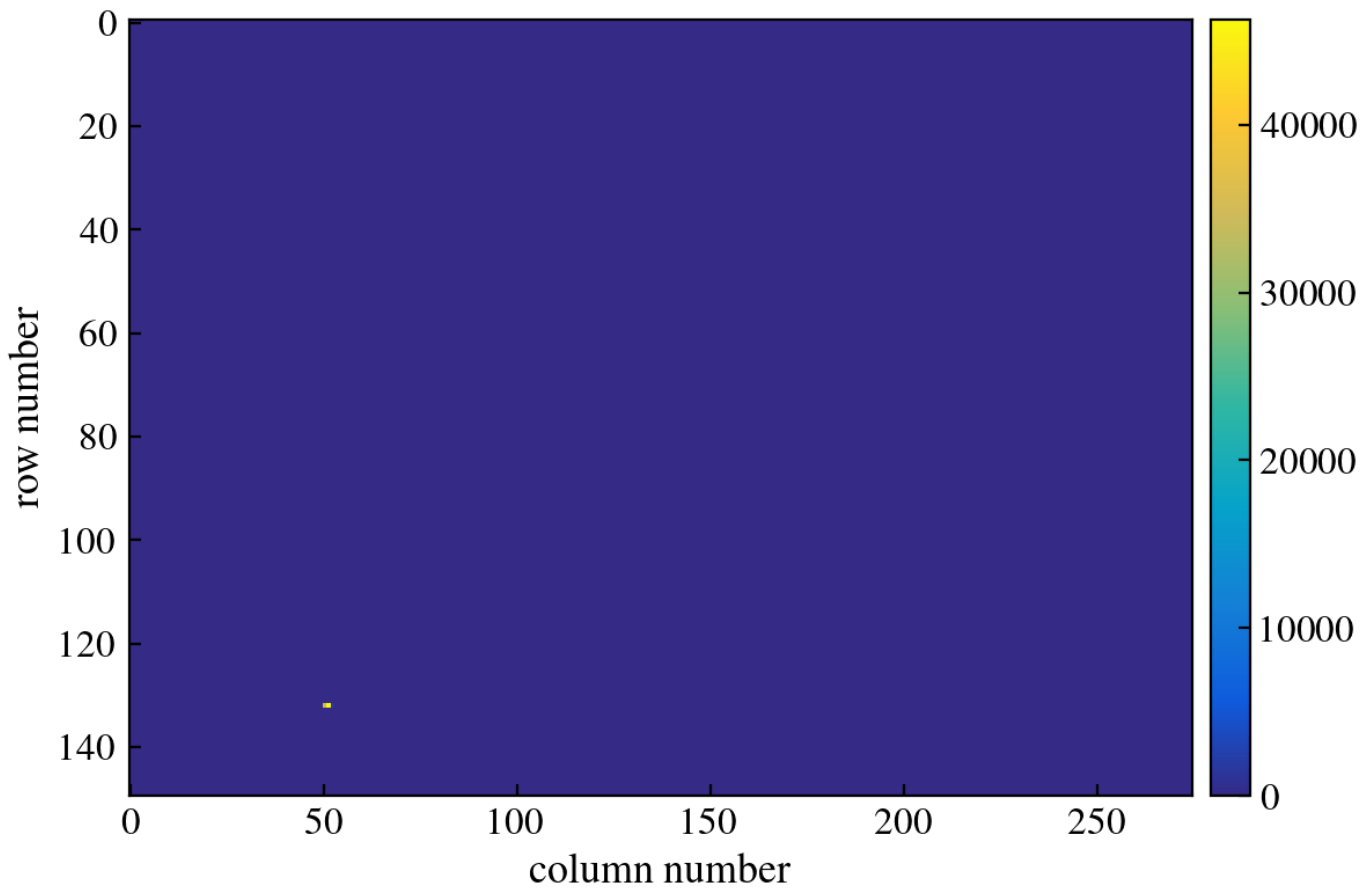


Figure 404: CCD Image

CCD Image: run 490, image 74
[class MECCDImage]

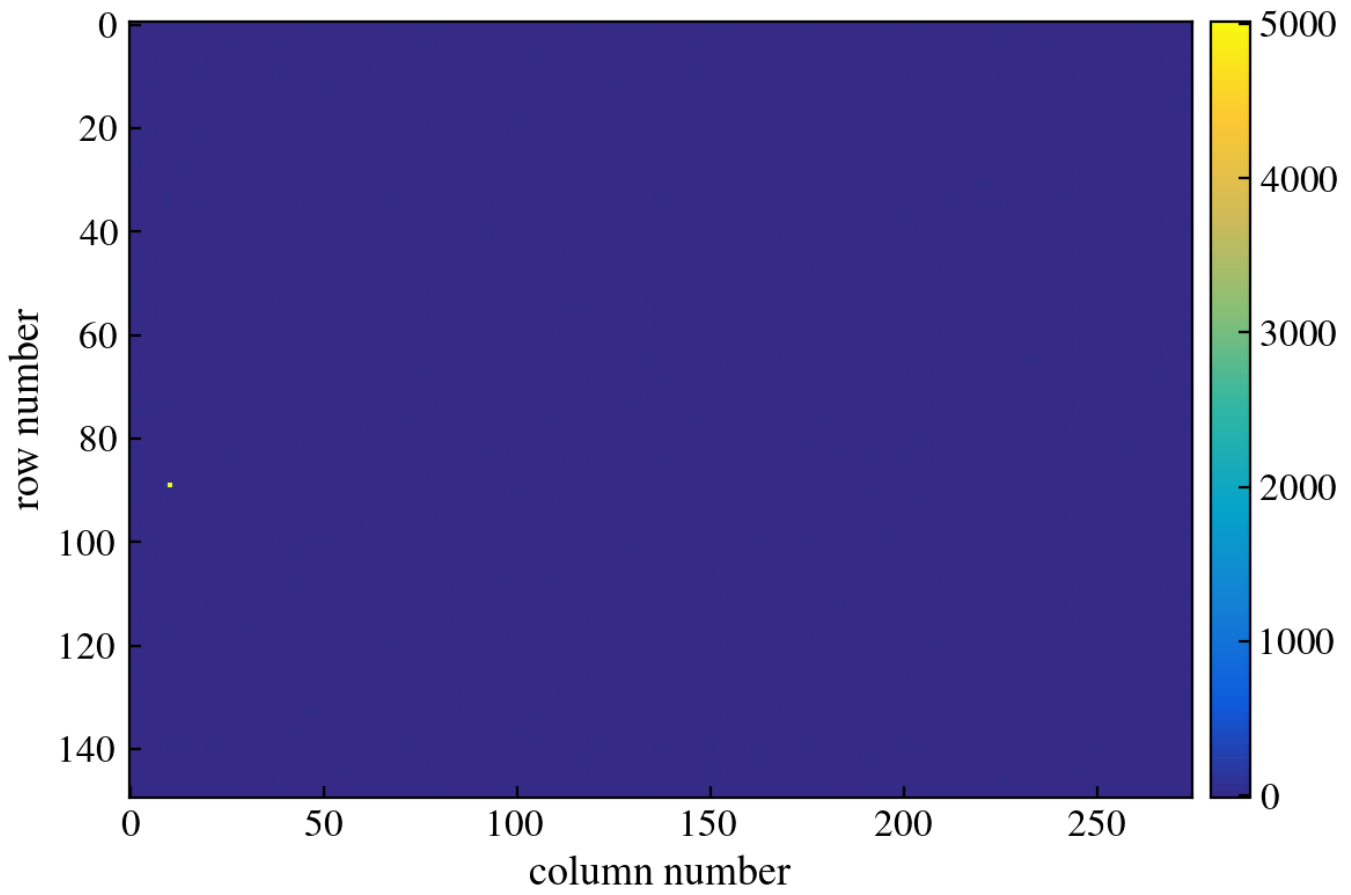


Figure 405: CCD Image

CCD Image: run 490, image 75
[class MECCDImage]

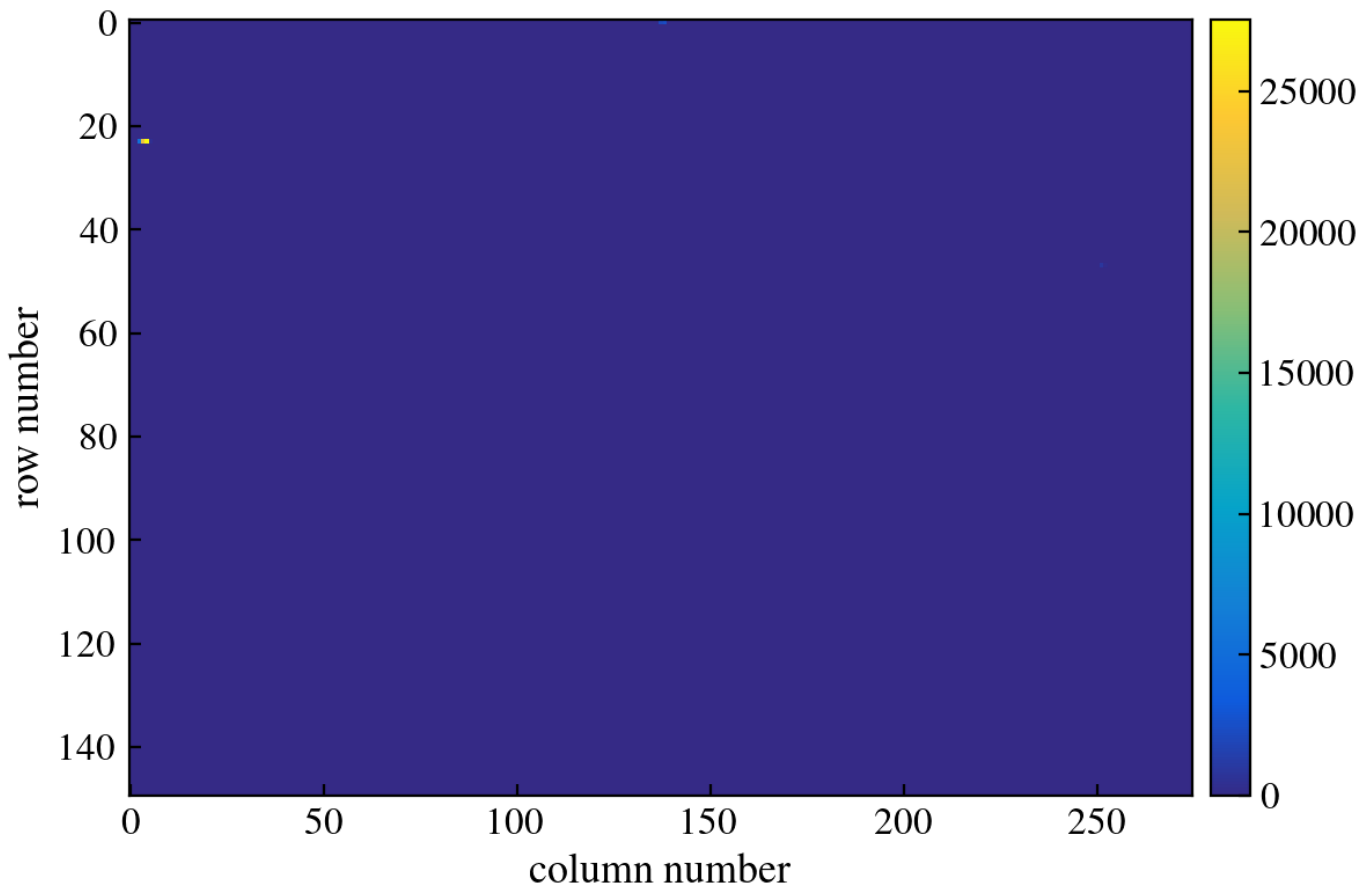


Figure 406: CCD Image

CCD Image: run 490, image 76
[class MECCDImage]

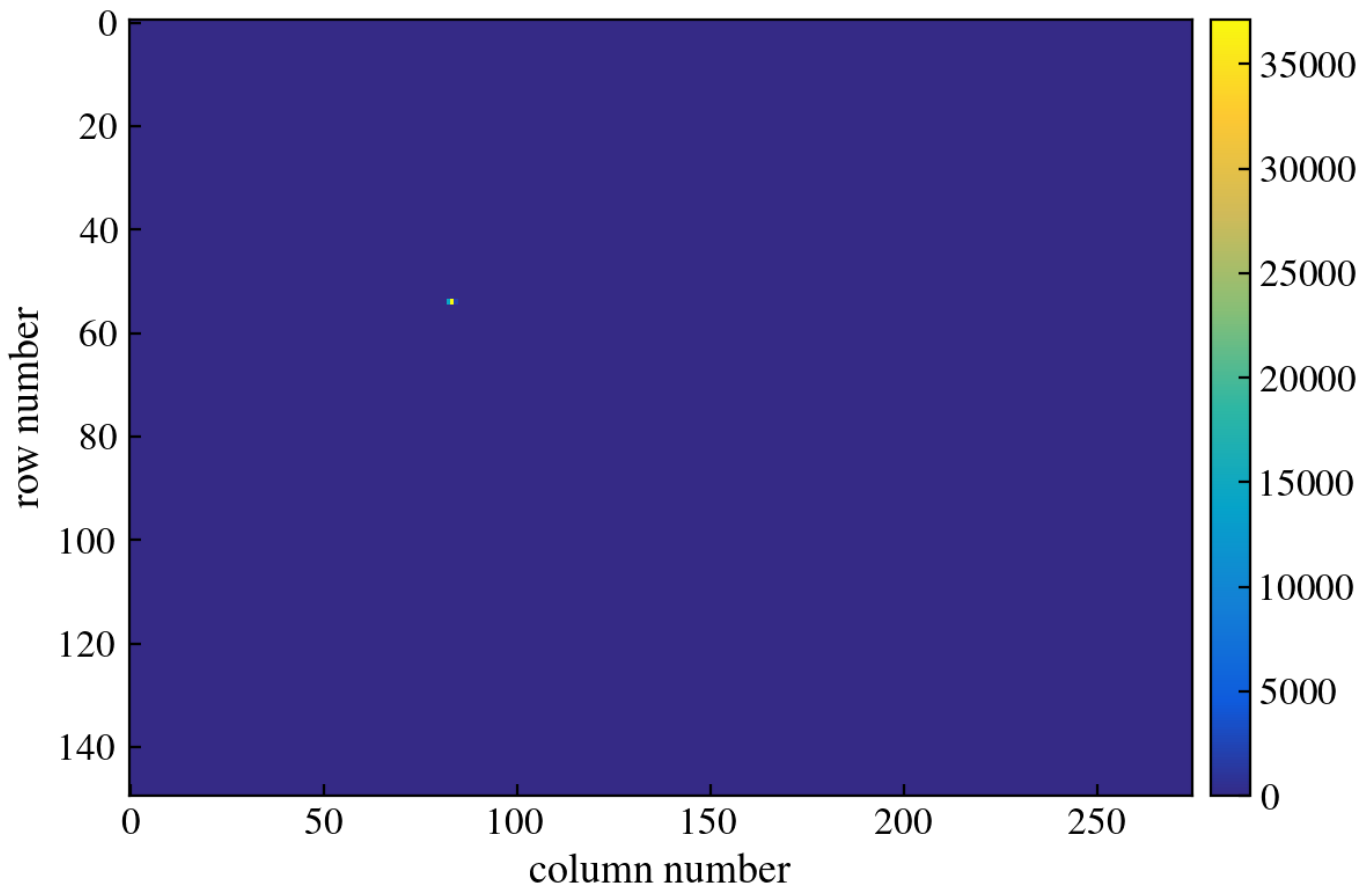


Figure 407: CCD Image

CCD Image: run 490, image 77
[class MECCDImage]

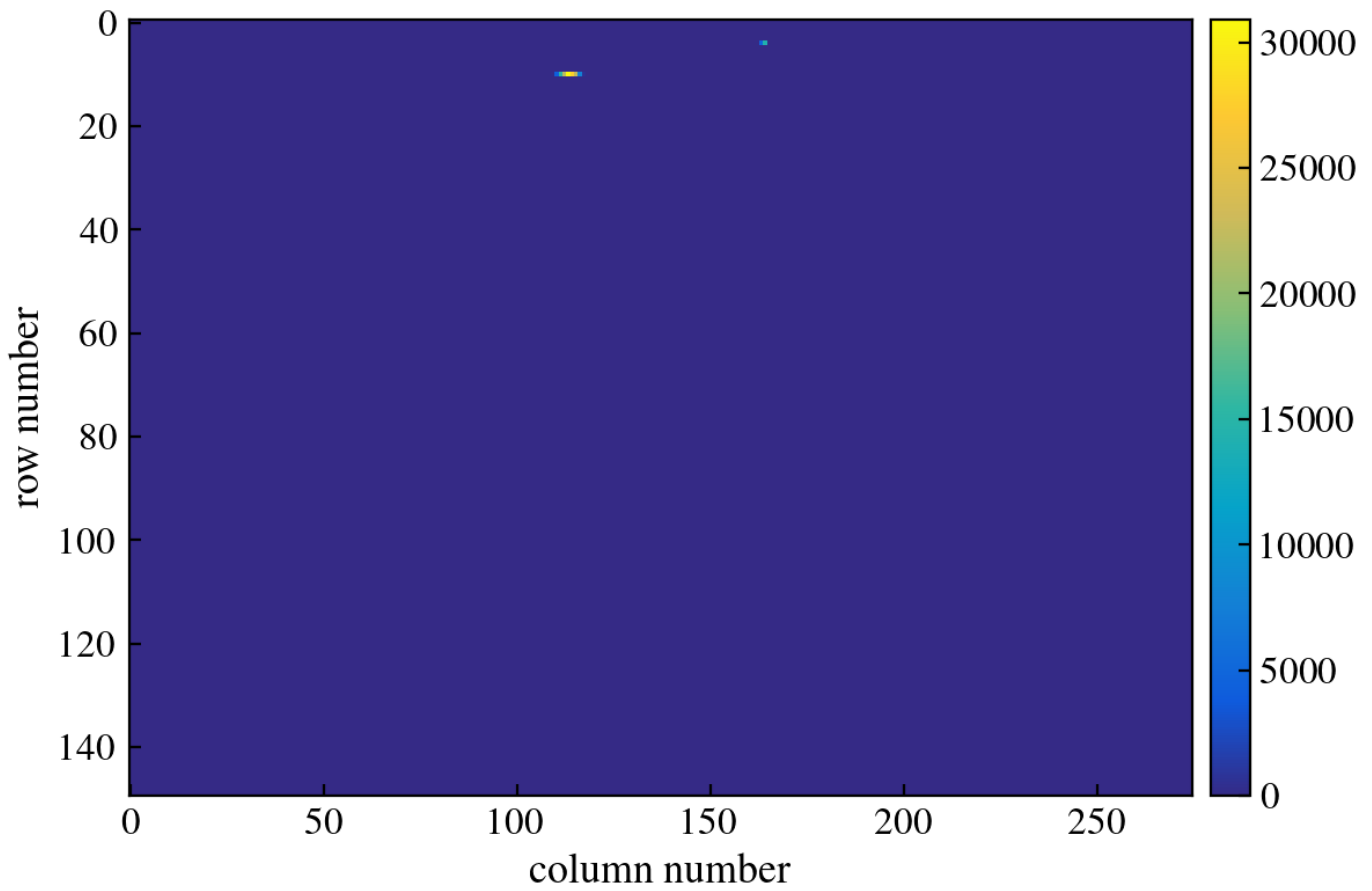


Figure 408: CCD Image

CCD Image: run 490, image 78
[class MECCDImage]

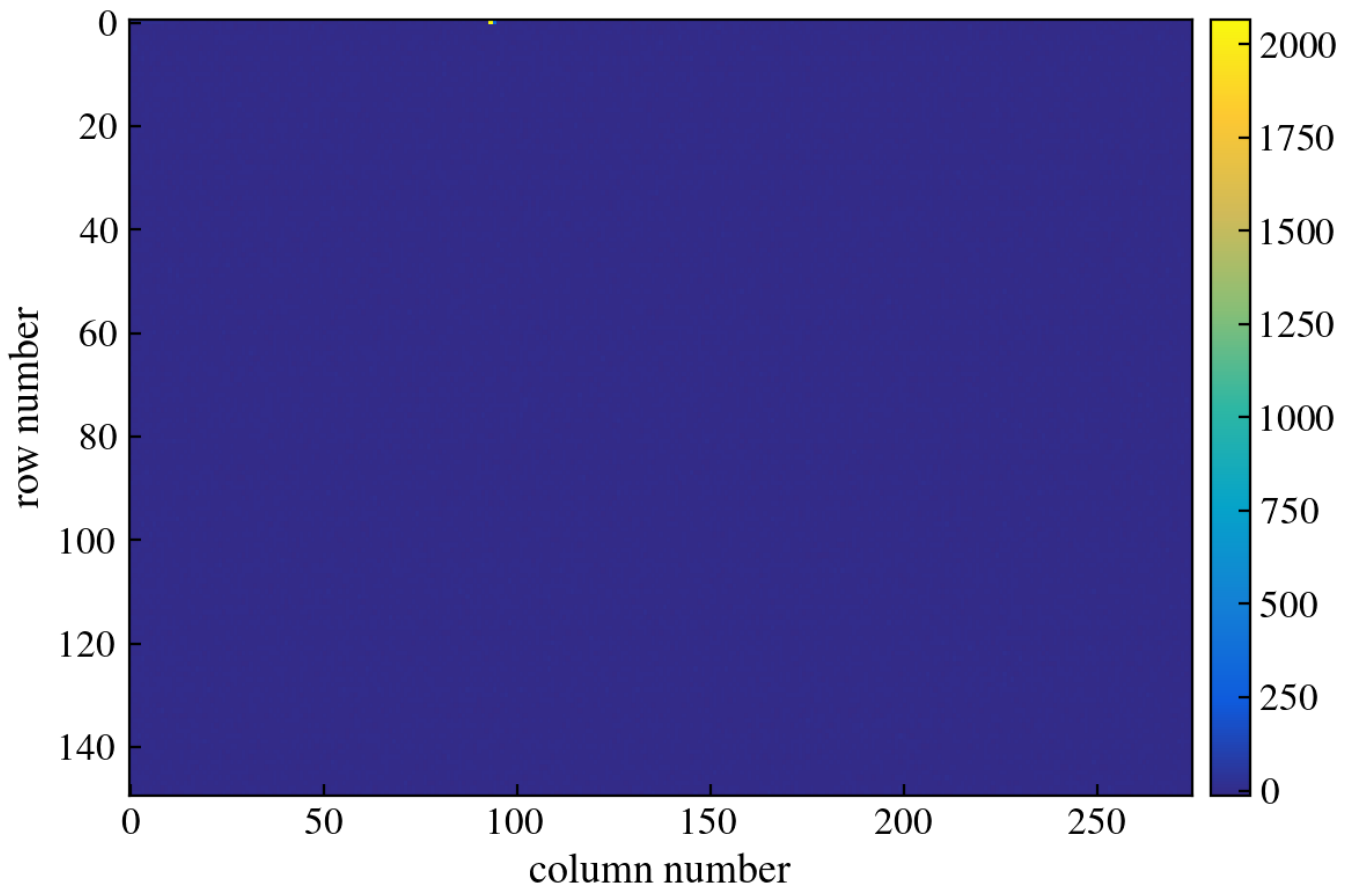


Figure 409: CCD Image

CCD Image: run 490, image 79
[class MECCDImage]

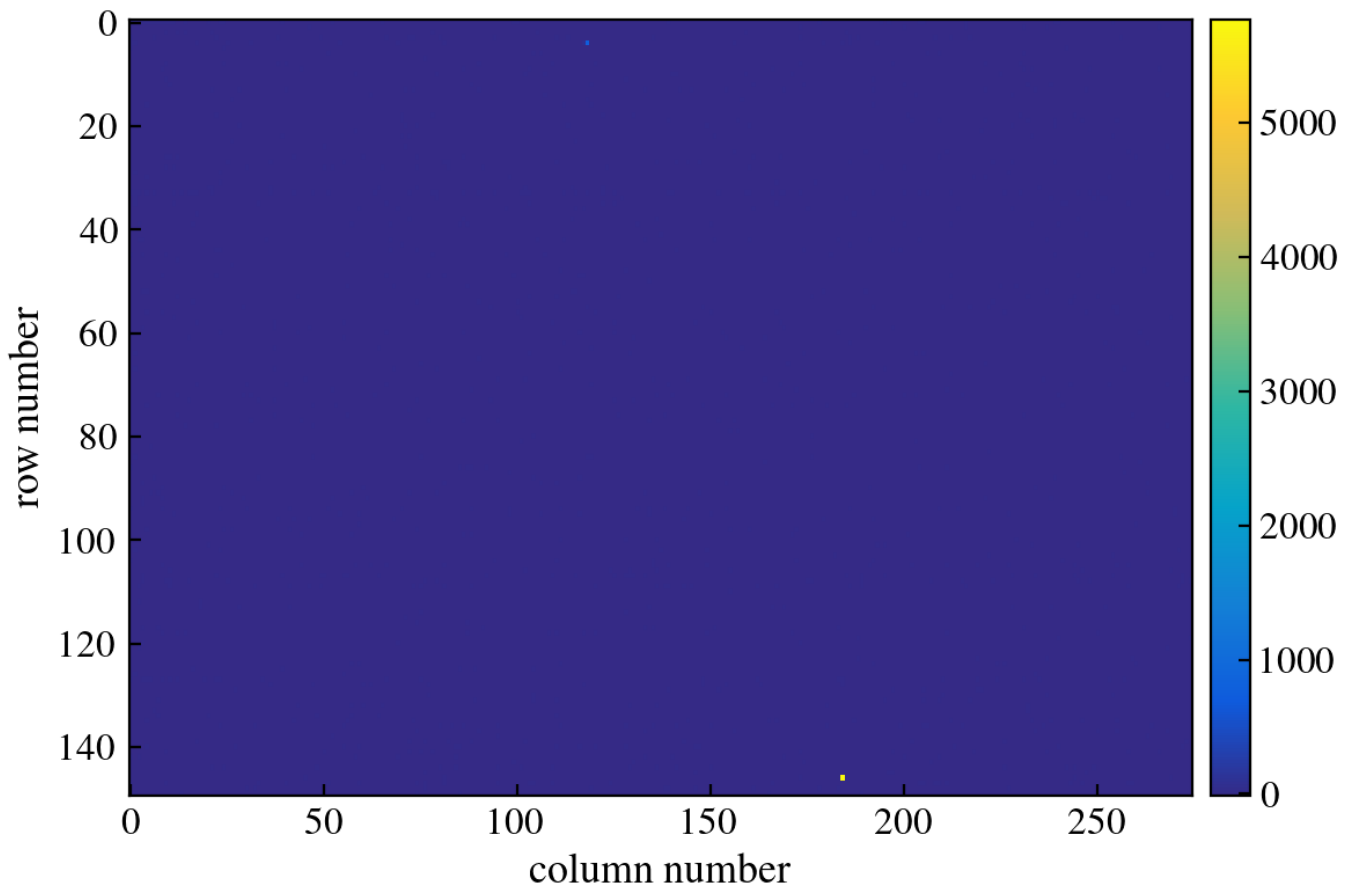


Figure 410: CCD Image

CCD Image: run 490, image 8
[class MECCDImage]

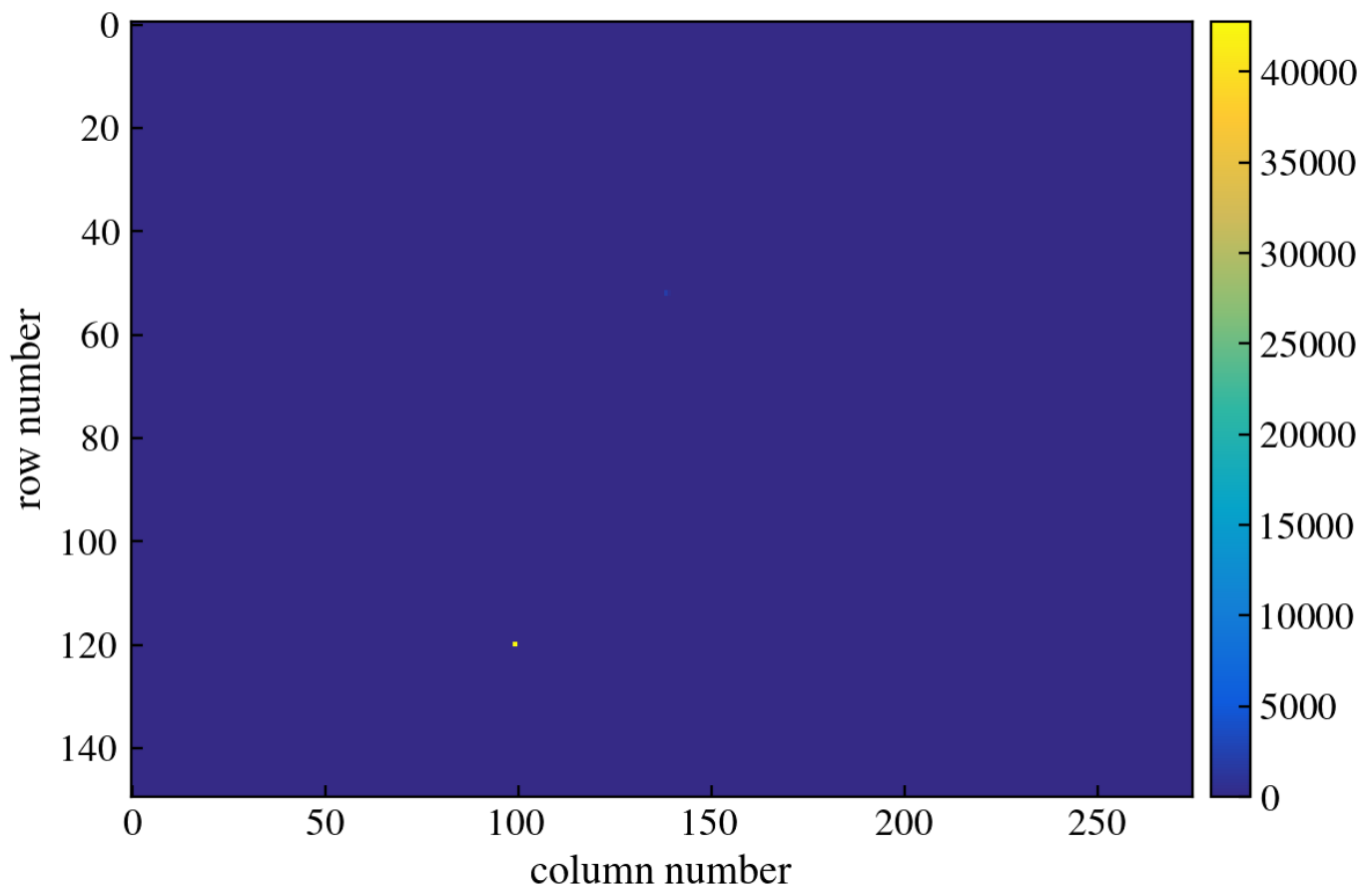


Figure 411: CCD Image

CCD Image: run 490, image 80
[class MECCDImage]

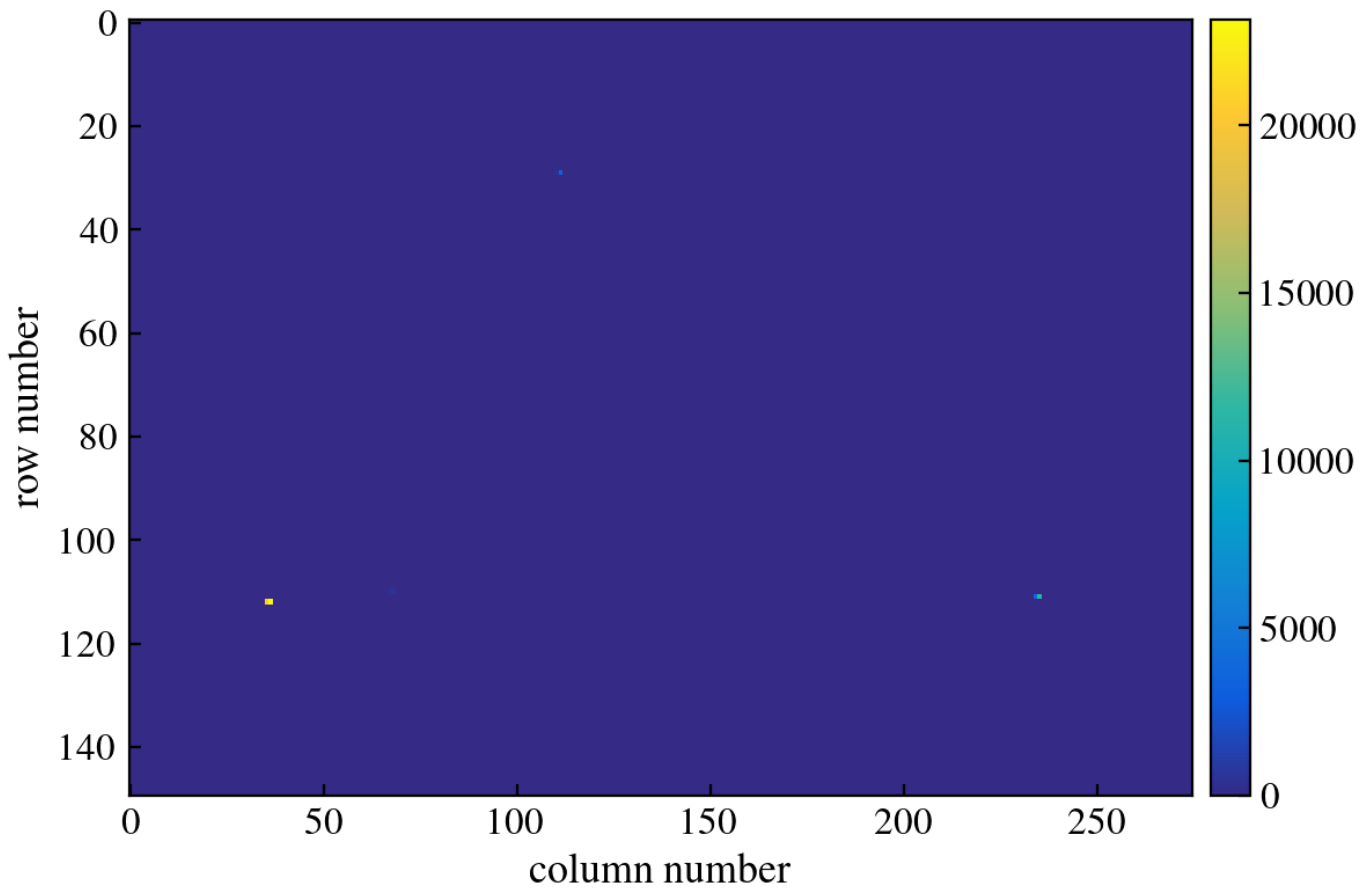


Figure 412: CCD Image

CCD Image: run 490, image 81
[class MECCDImage]

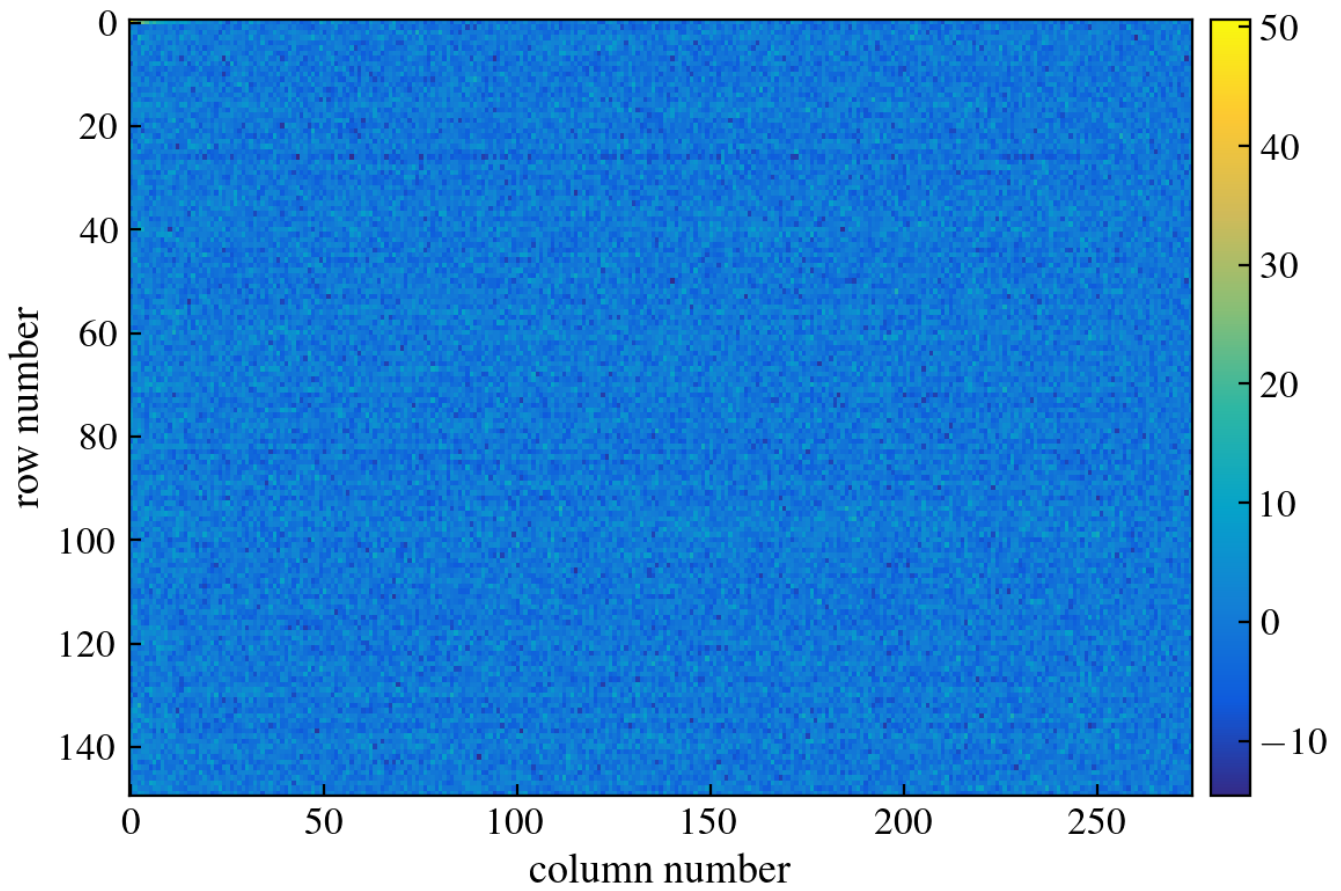


Figure 413: CCD Image

CCD Image: run 490, image 82
[class MECCDImage]

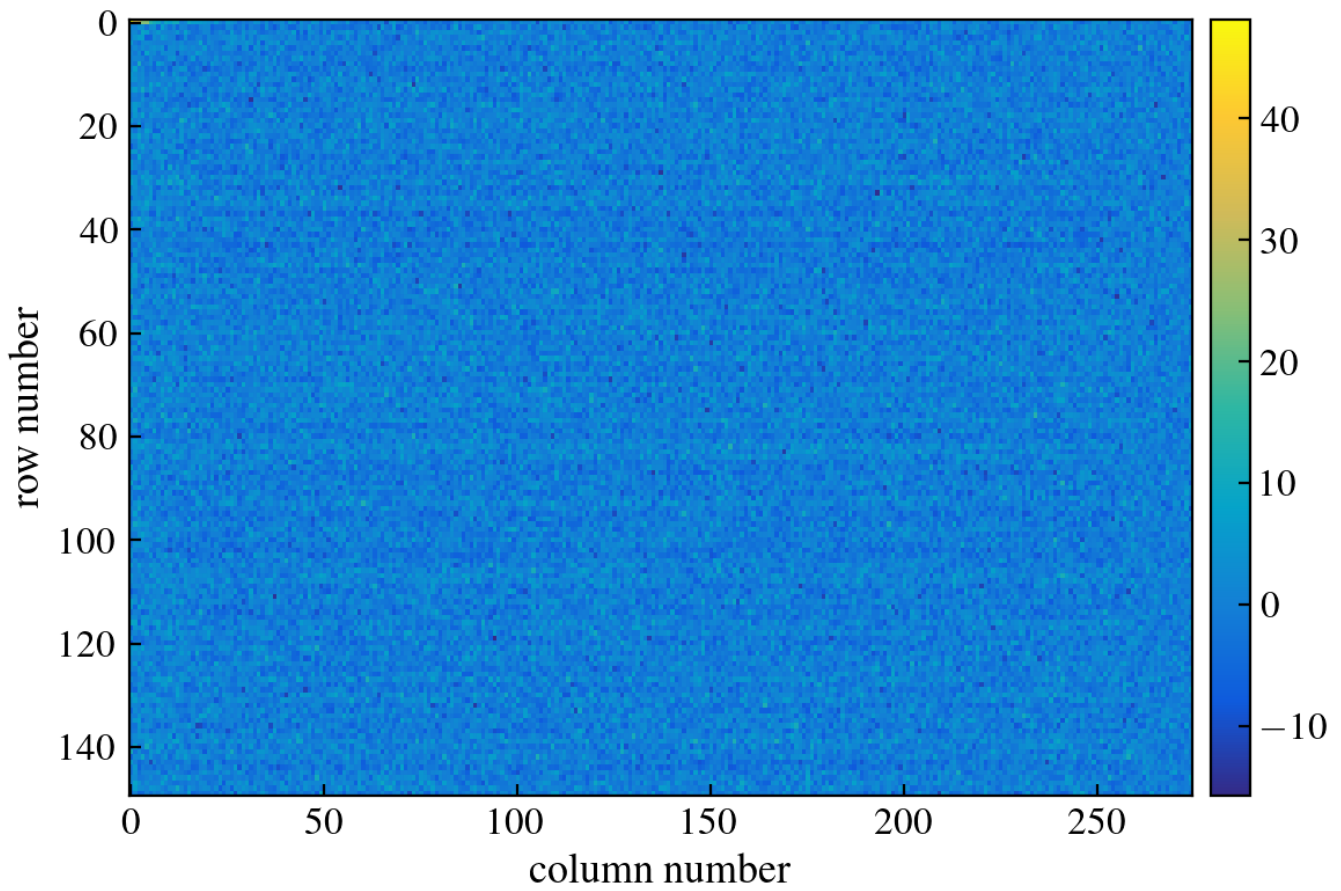


Figure 414: CCD Image

CCD Image: run 490, image 83
[class MECCDImage]

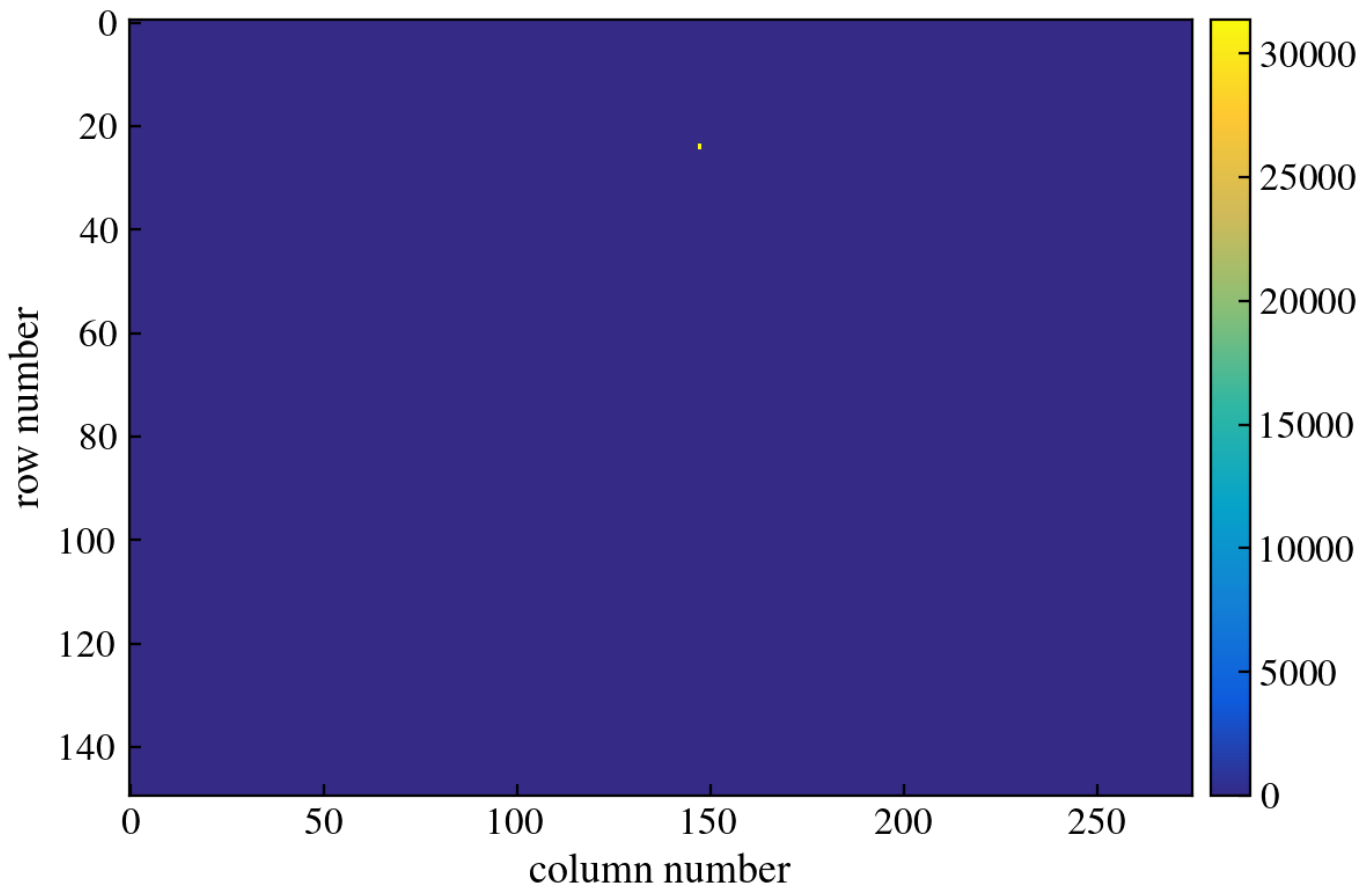


Figure 415: CCD Image

CCD Image: run 490, image 84
[class MECCDImage]

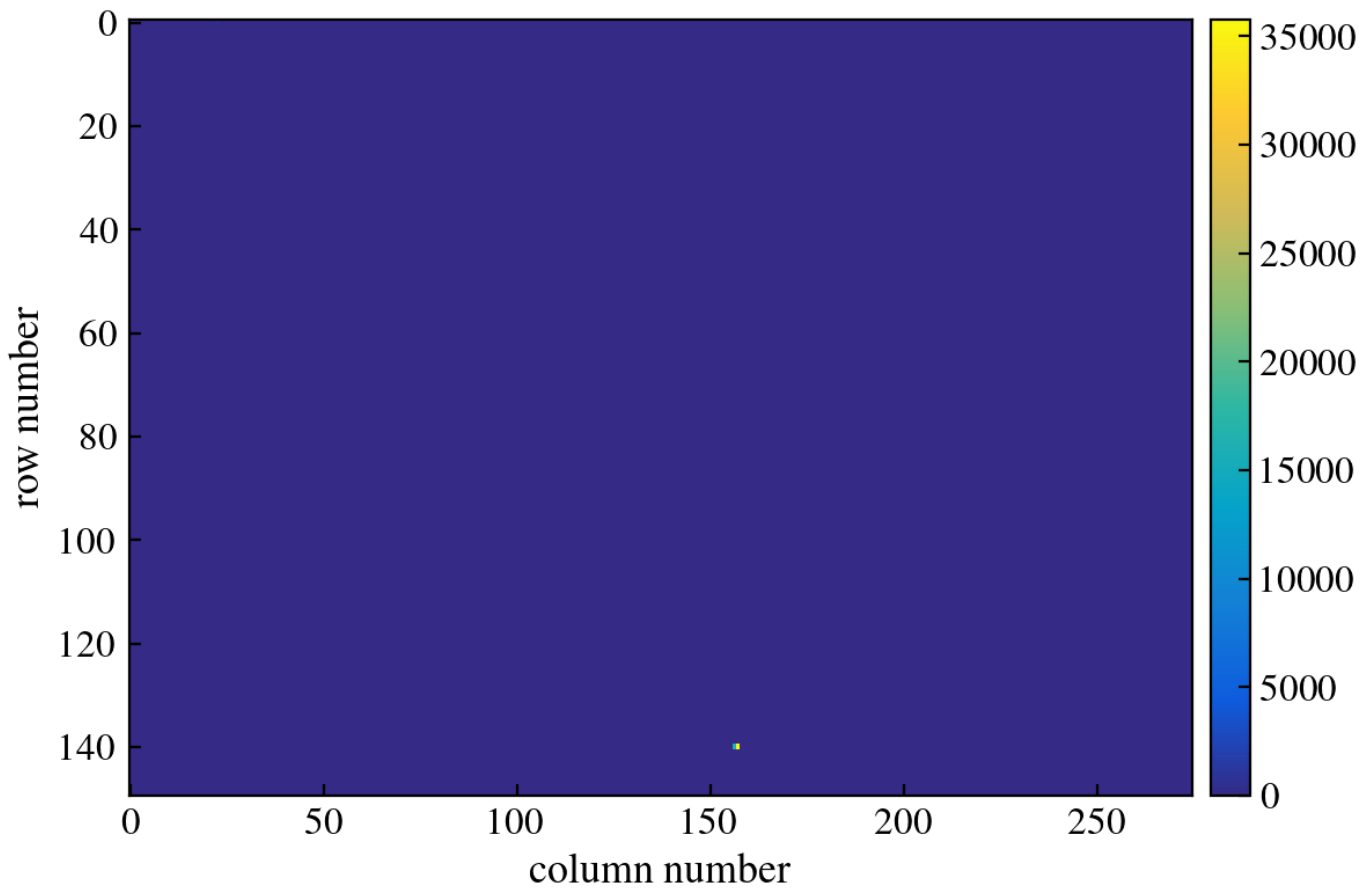


Figure 416: CCD Image

CCD Image: run 490, image 85
[class MECCDImage]

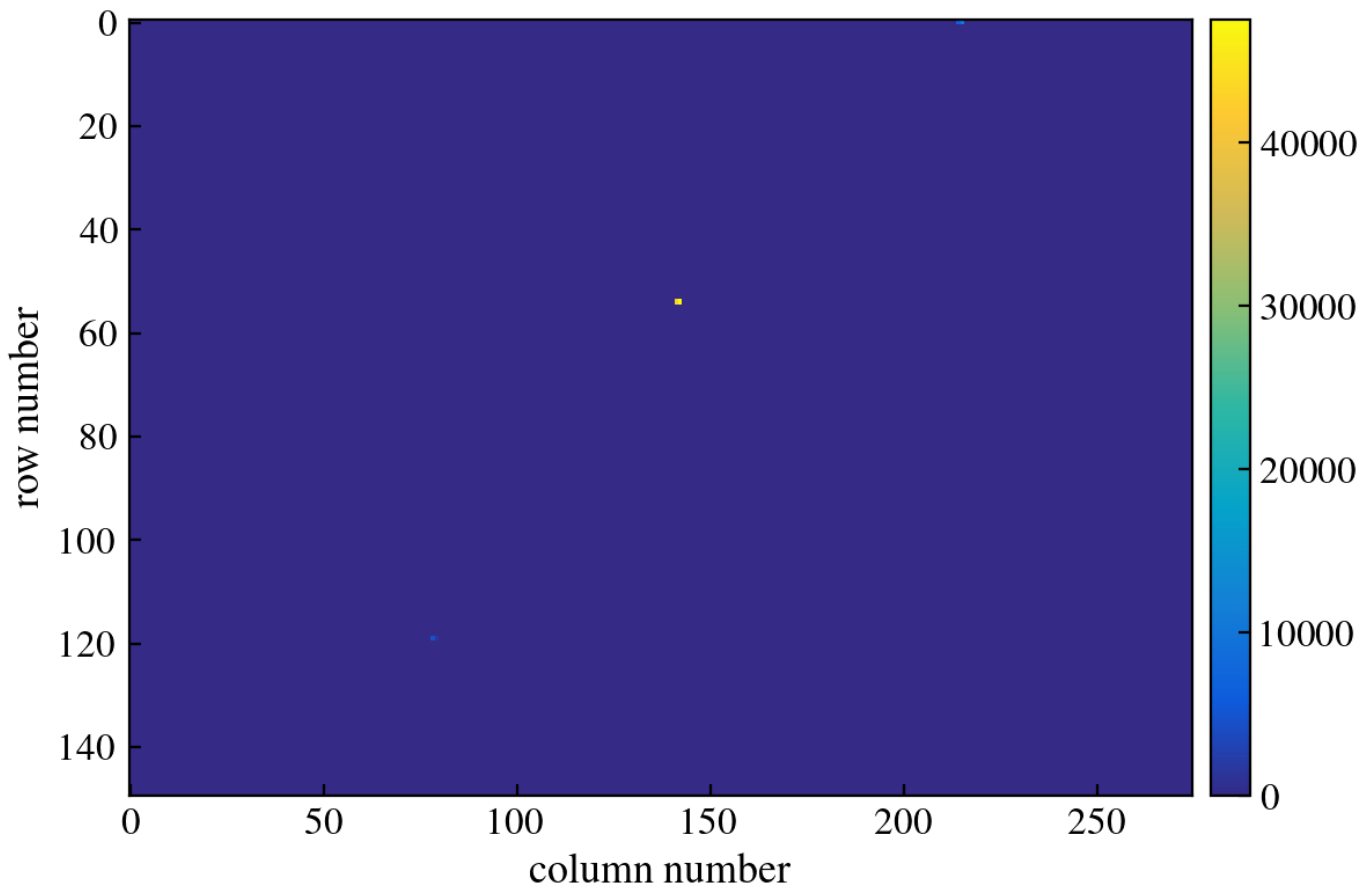


Figure 417: CCD Image

CCD Image: run 490, image 86
[class MECCDImage]

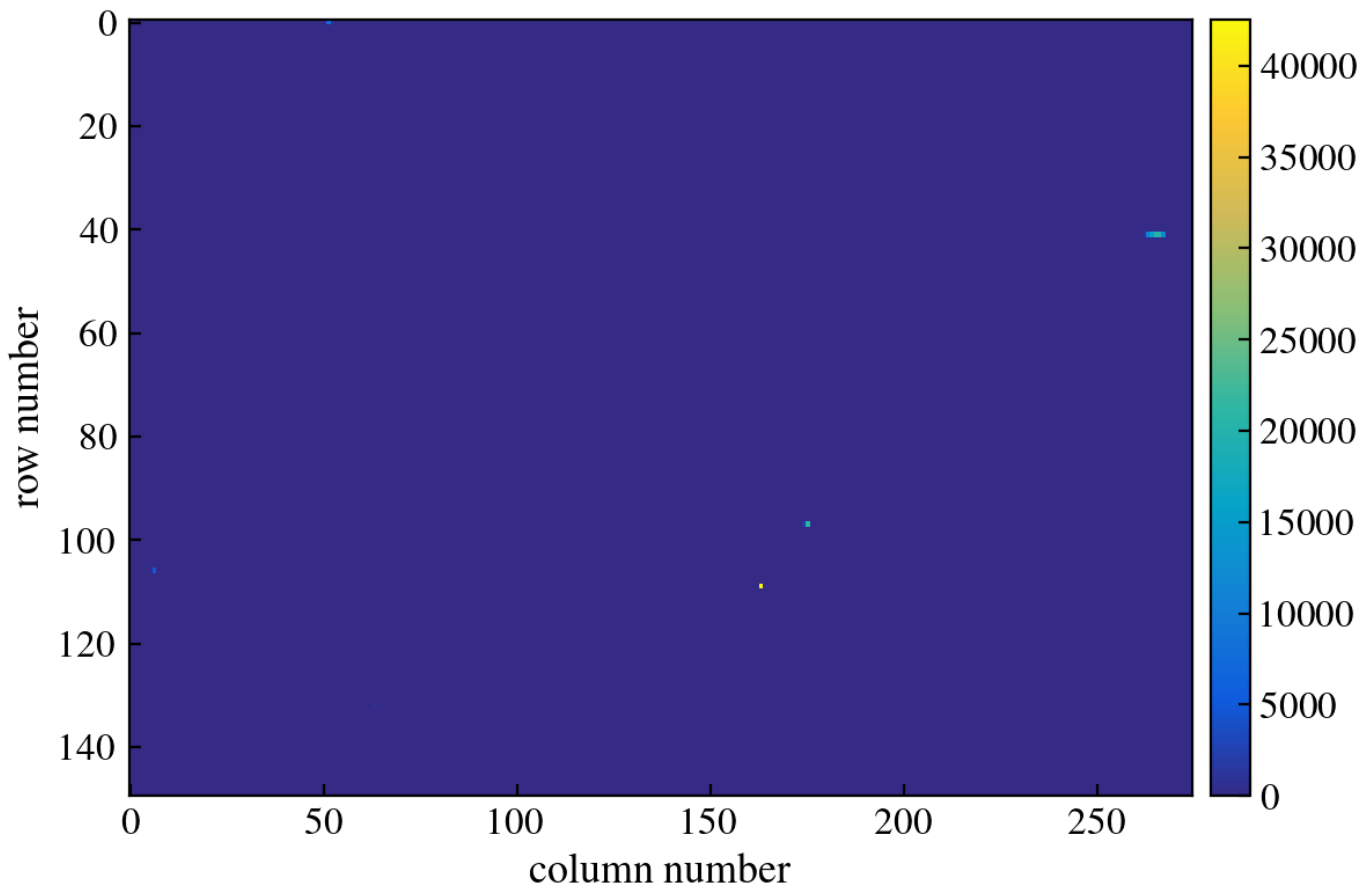


Figure 418: CCD Image

CCD Image: run 490, image 87
[class MECCDImage]

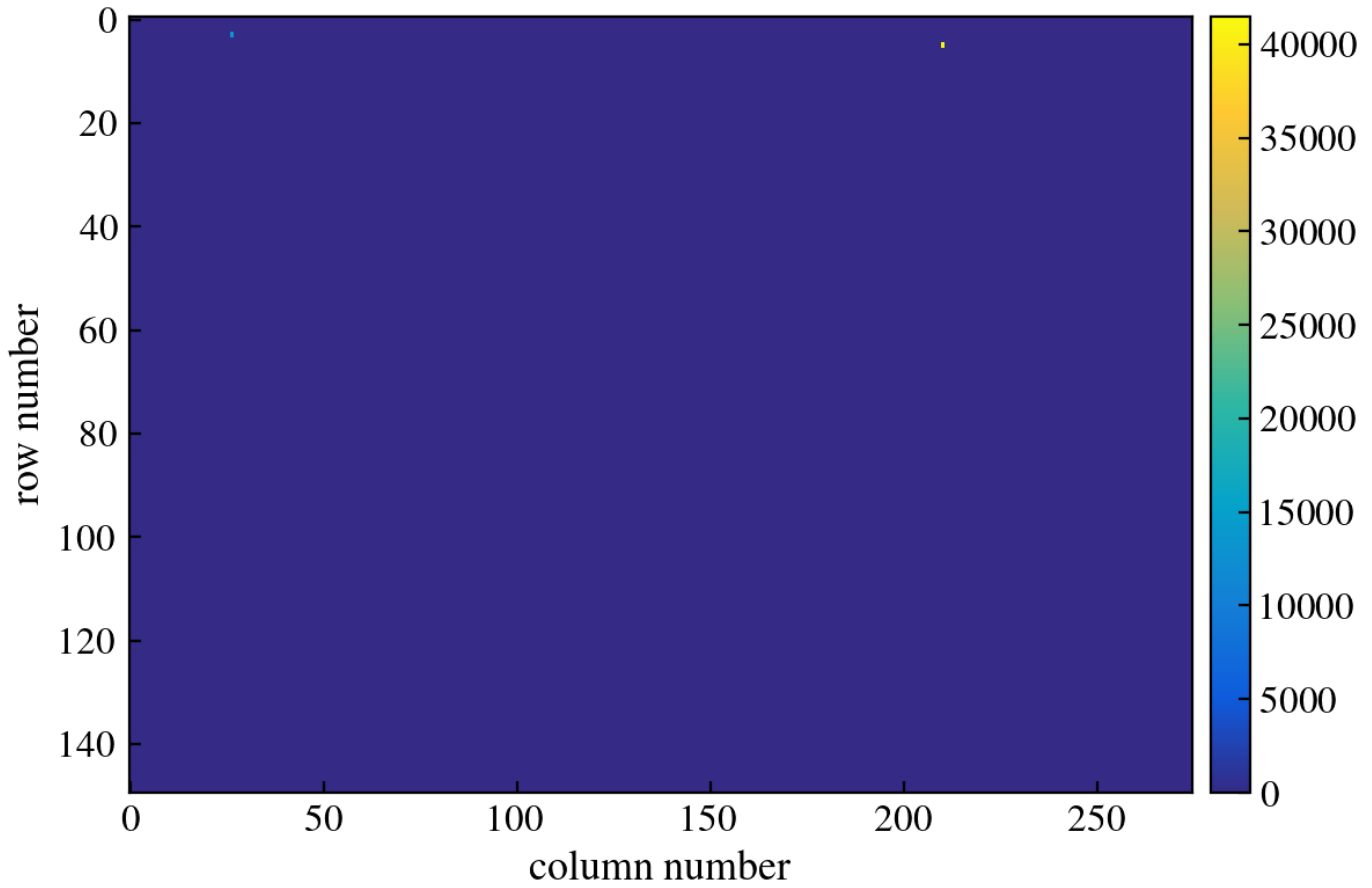


Figure 419: CCD Image

CCD Image: run 490, image 88
[class MECCDImage]

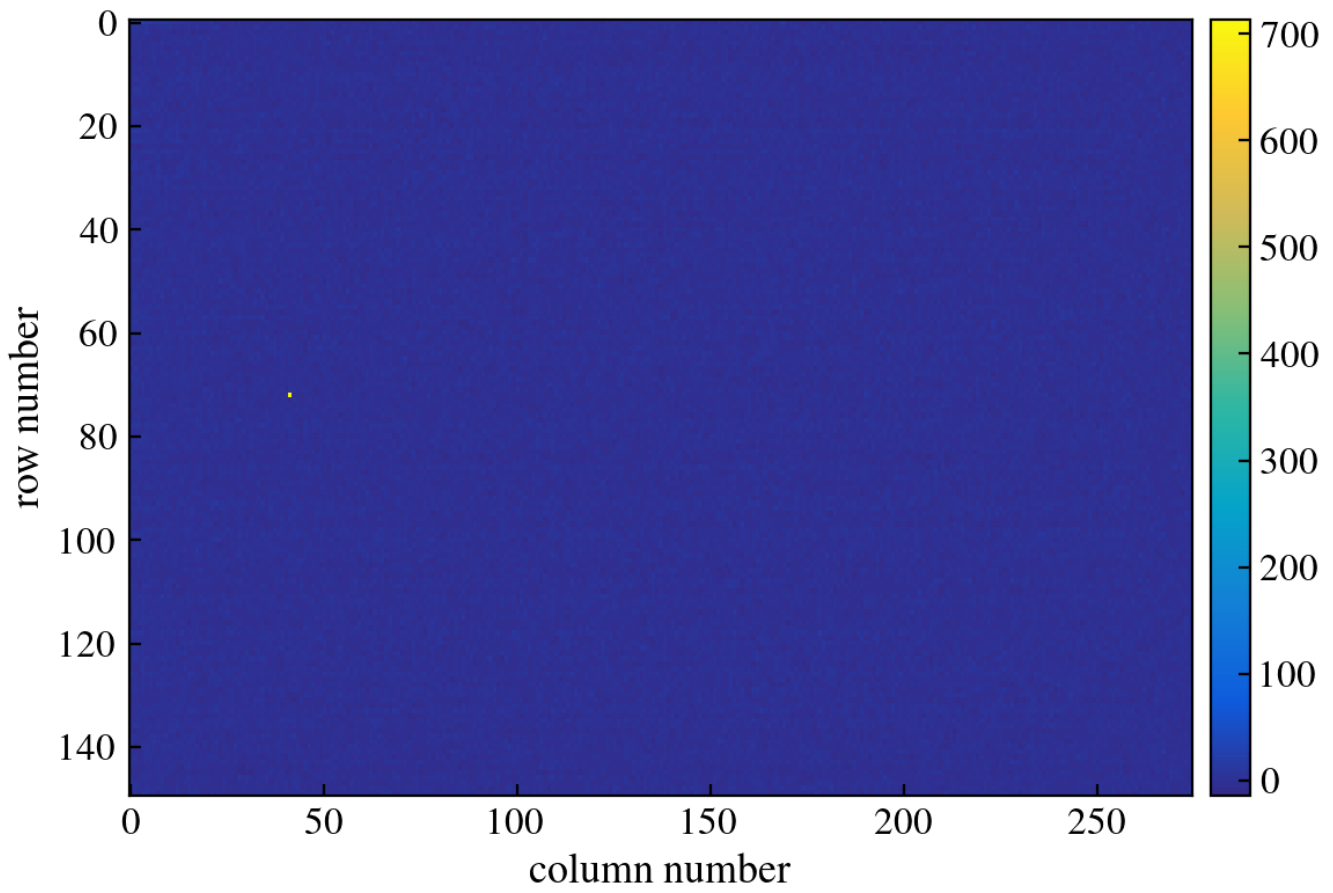


Figure 420: CCD Image

CCD Image: run 490, image 89
[class MECCDImage]

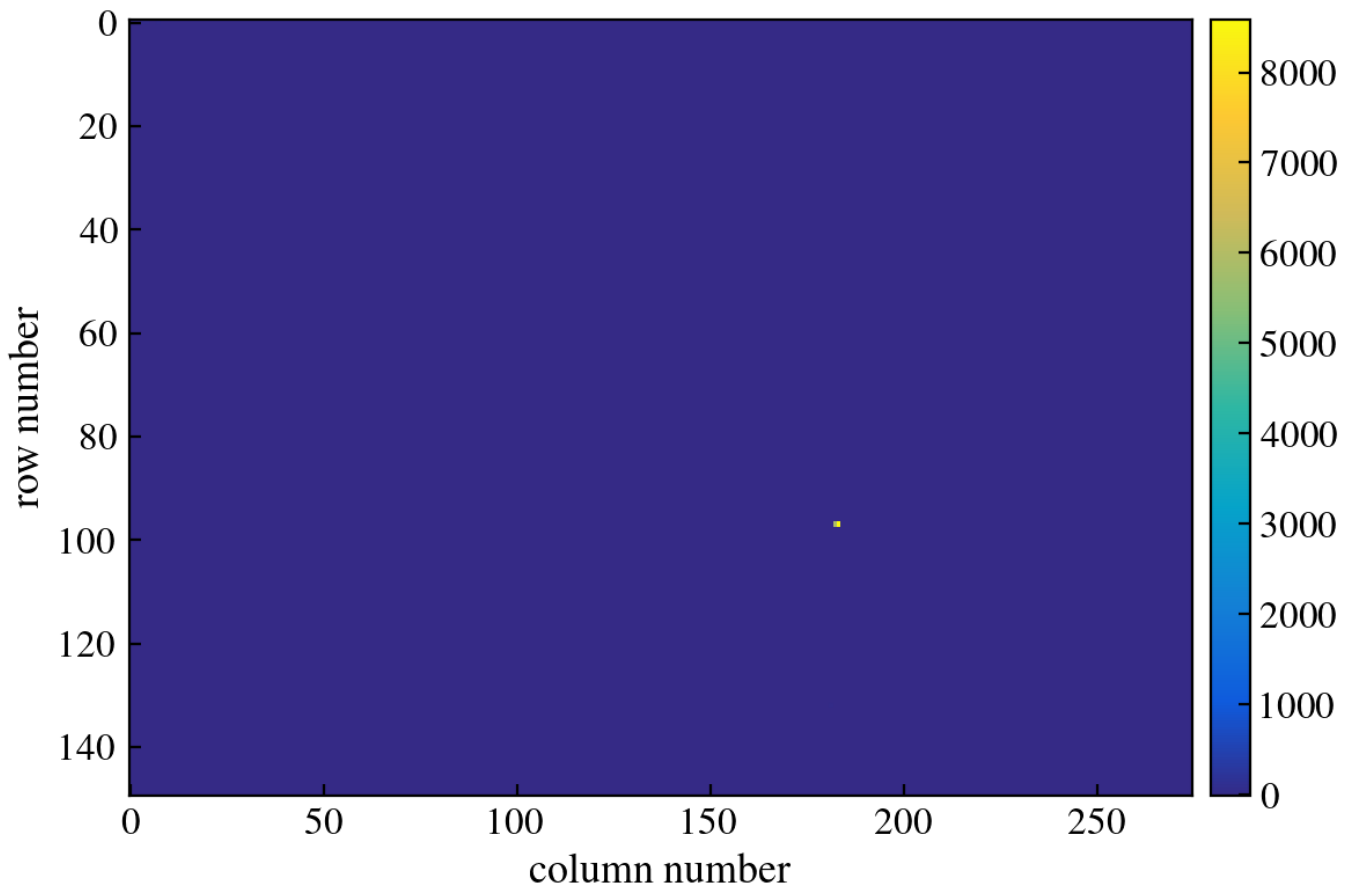


Figure 421: CCD Image

CCD Image: run 490, image 9
[class MECCDImage]

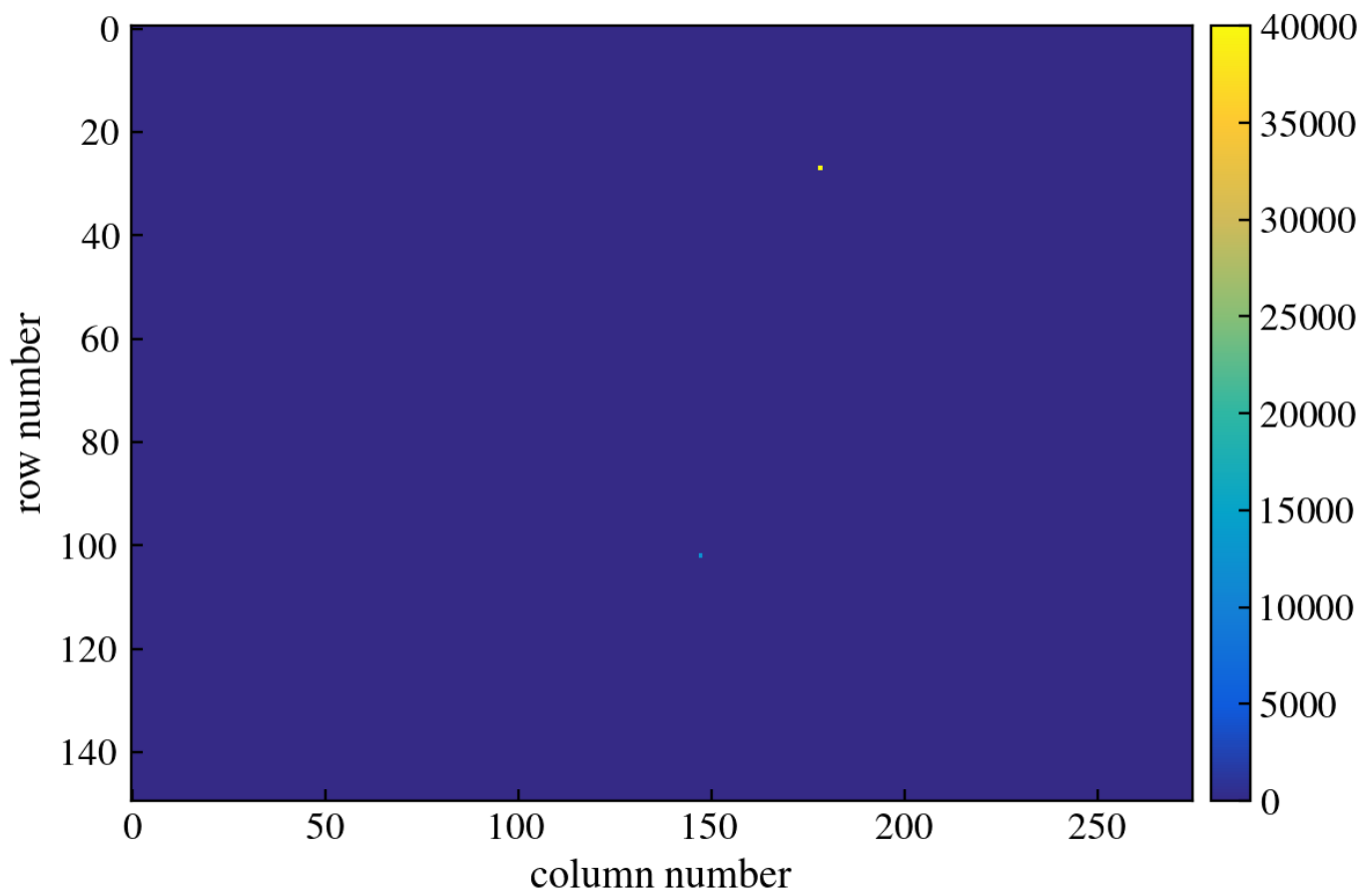


Figure 422: CCD Image

CCD Image: run 490, image 90
[class MECCDImage]

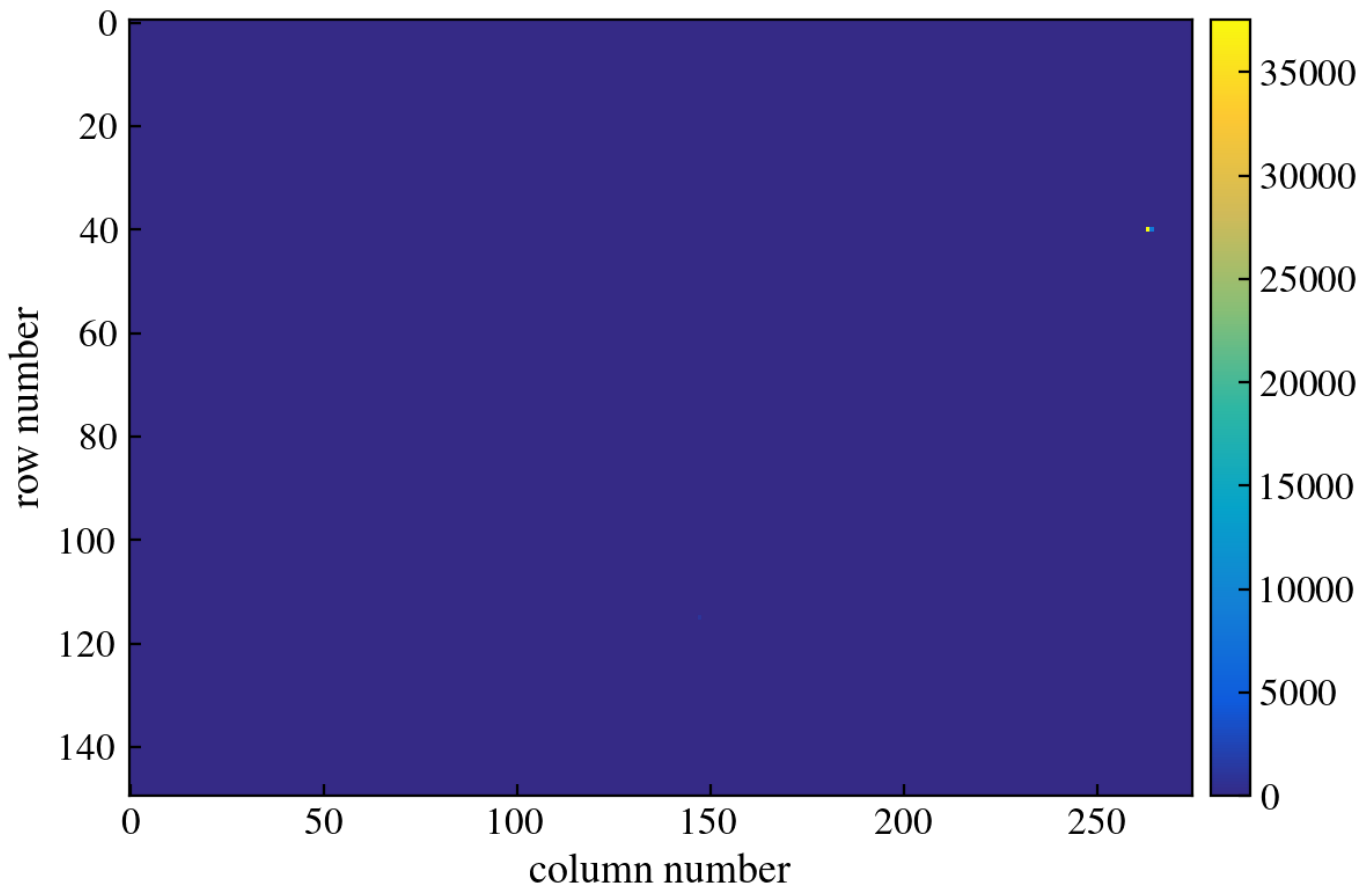


Figure 423: CCD Image

CCD Image: run 490, image 91
[class MECCDImage]

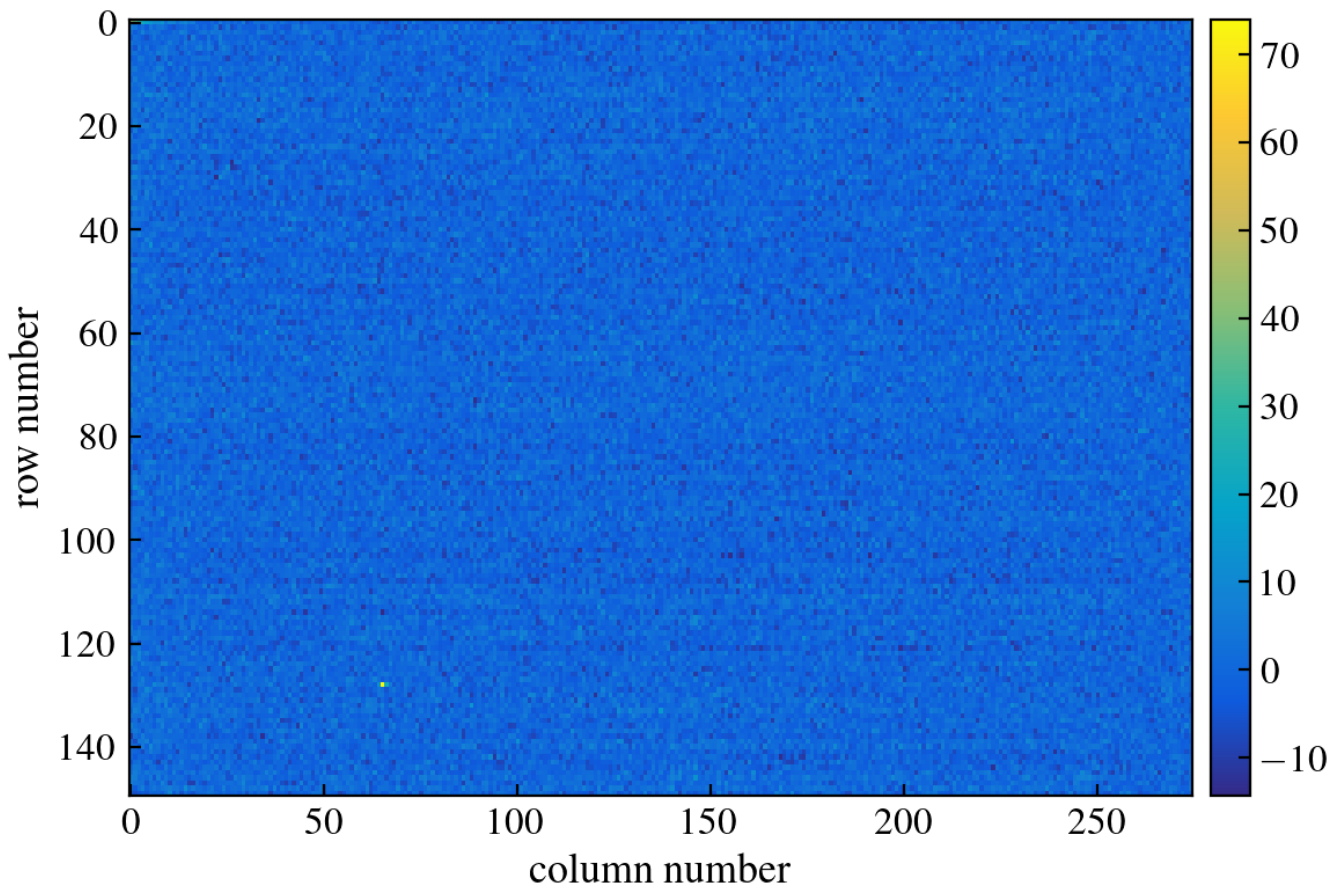


Figure 424: CCD Image

CCD Image: run 490, image 92
[class MECCDImage]

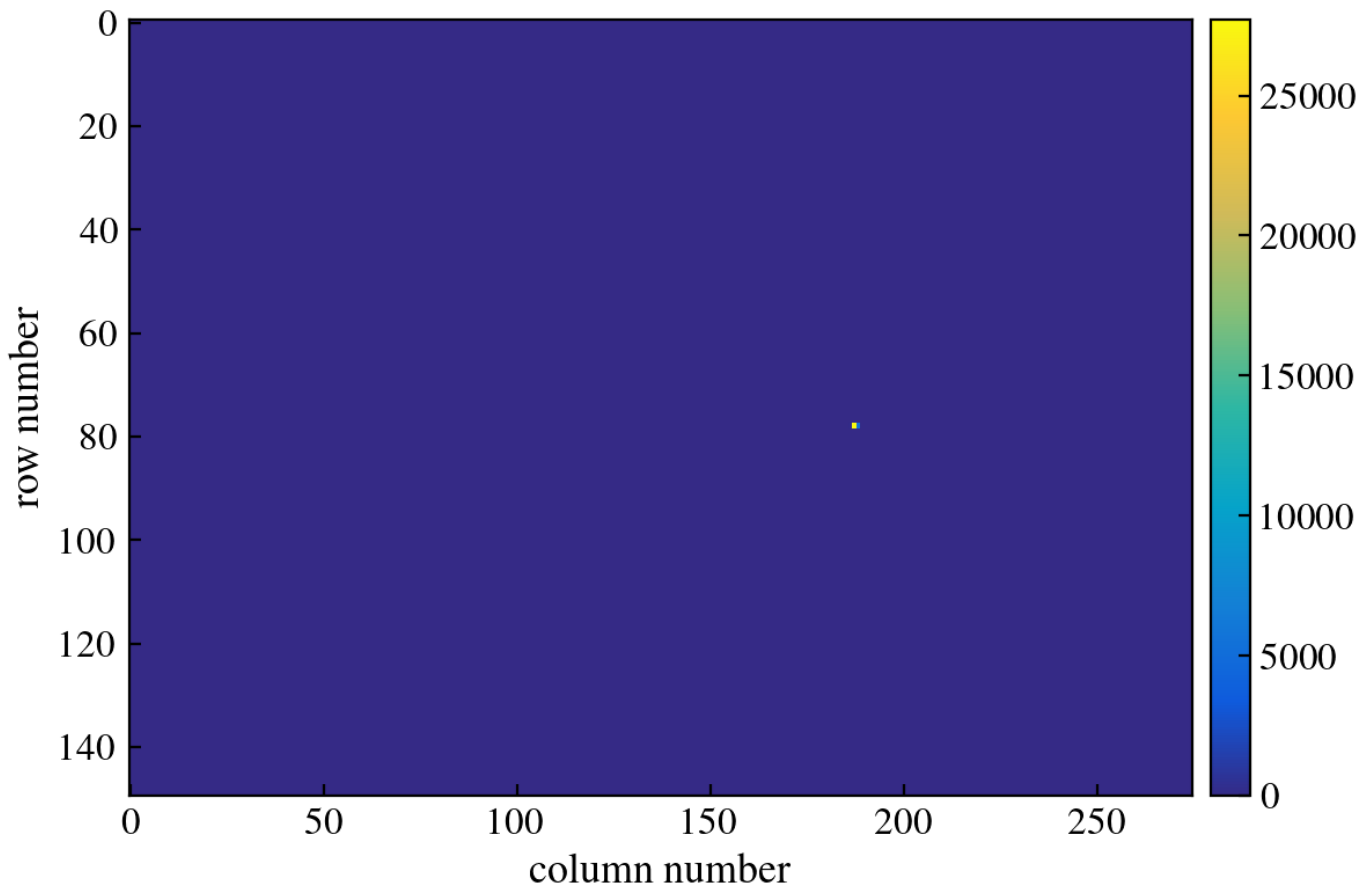


Figure 425: CCD Image

CCD Image: run 490, image 93
[class MECCDImage]

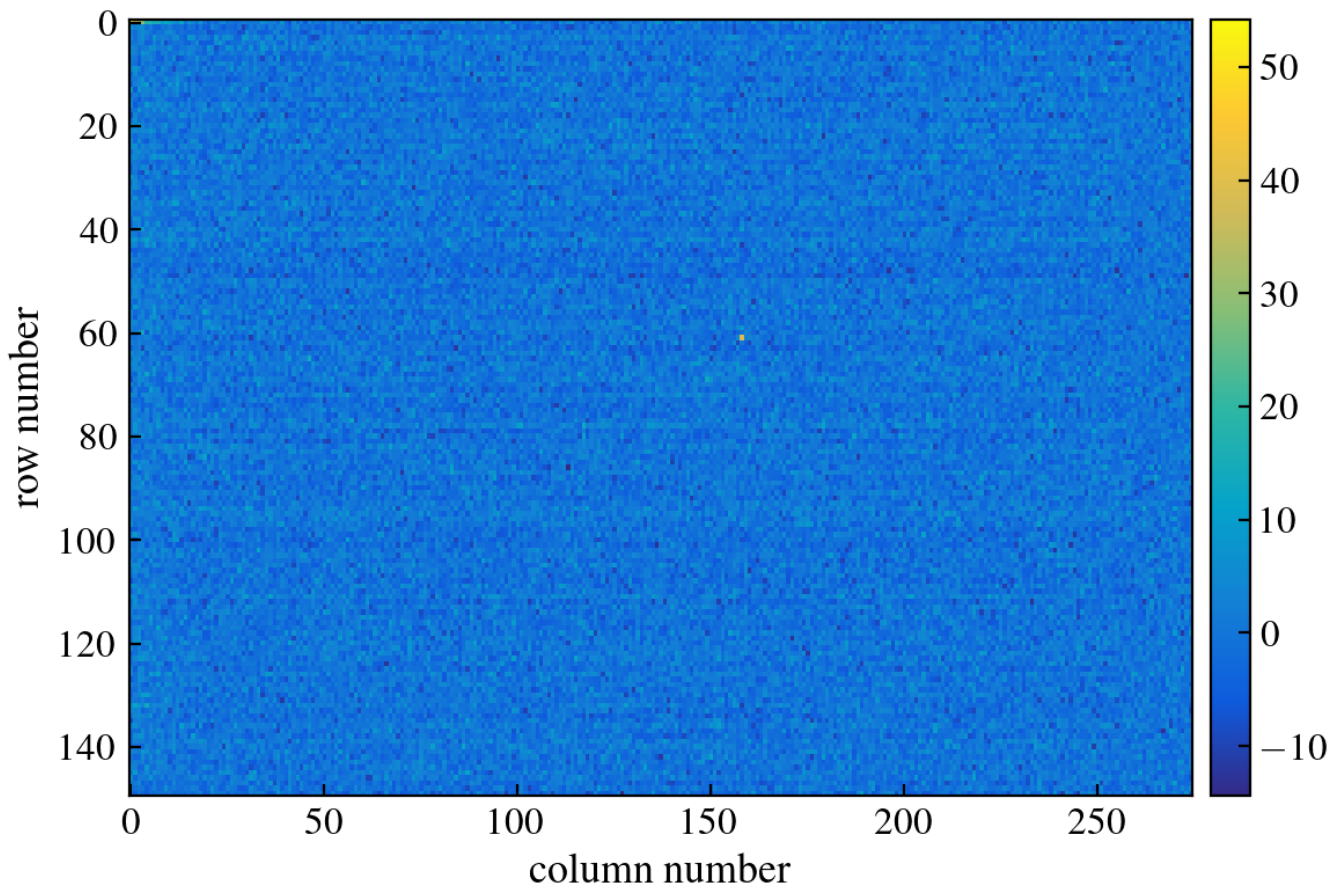


Figure 426: CCD Image

CCD Image: run 490, image 94
[class MECCDImage]

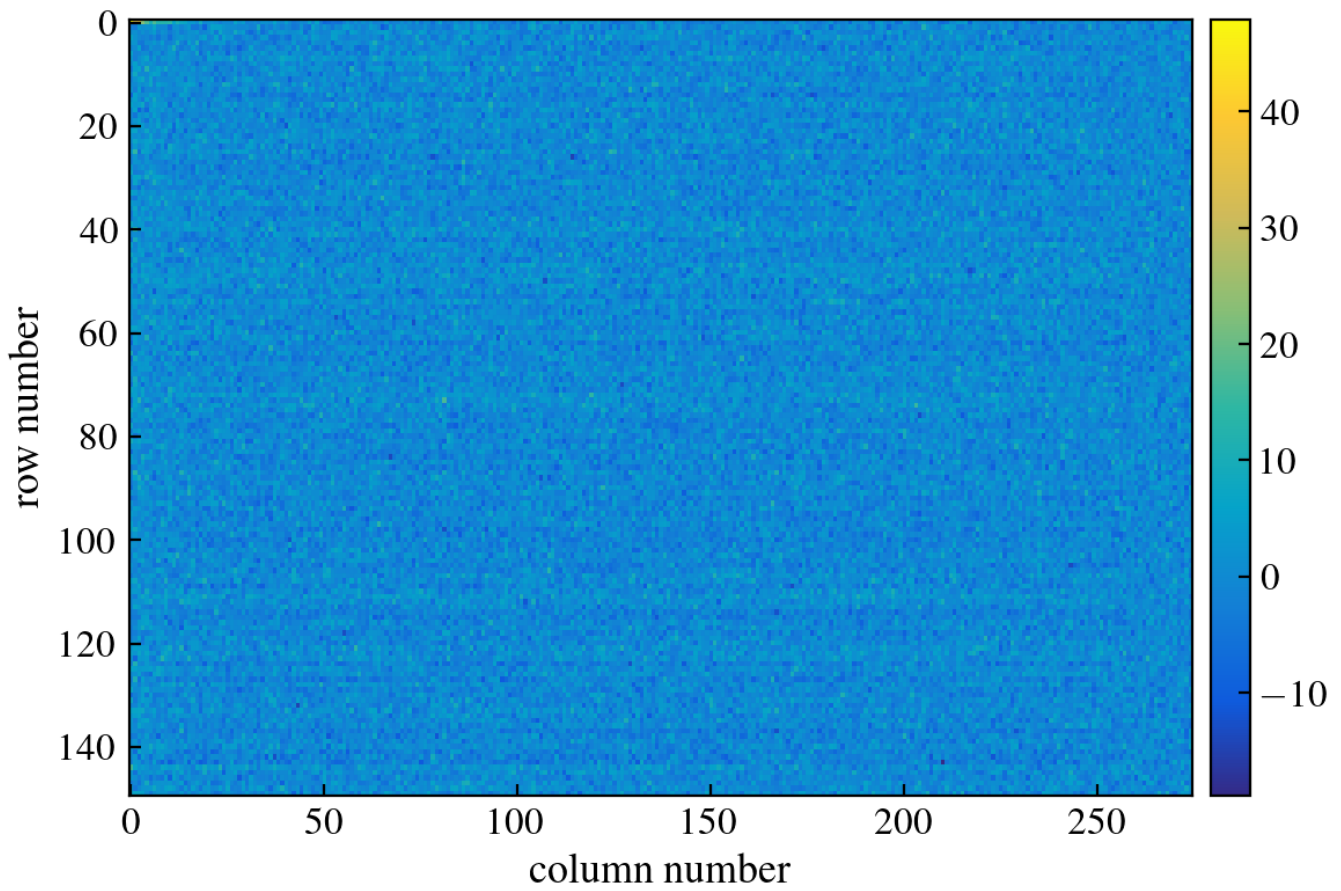


Figure 427: CCD Image

CCD Image: run 490, image 95
[class MECCDImage]

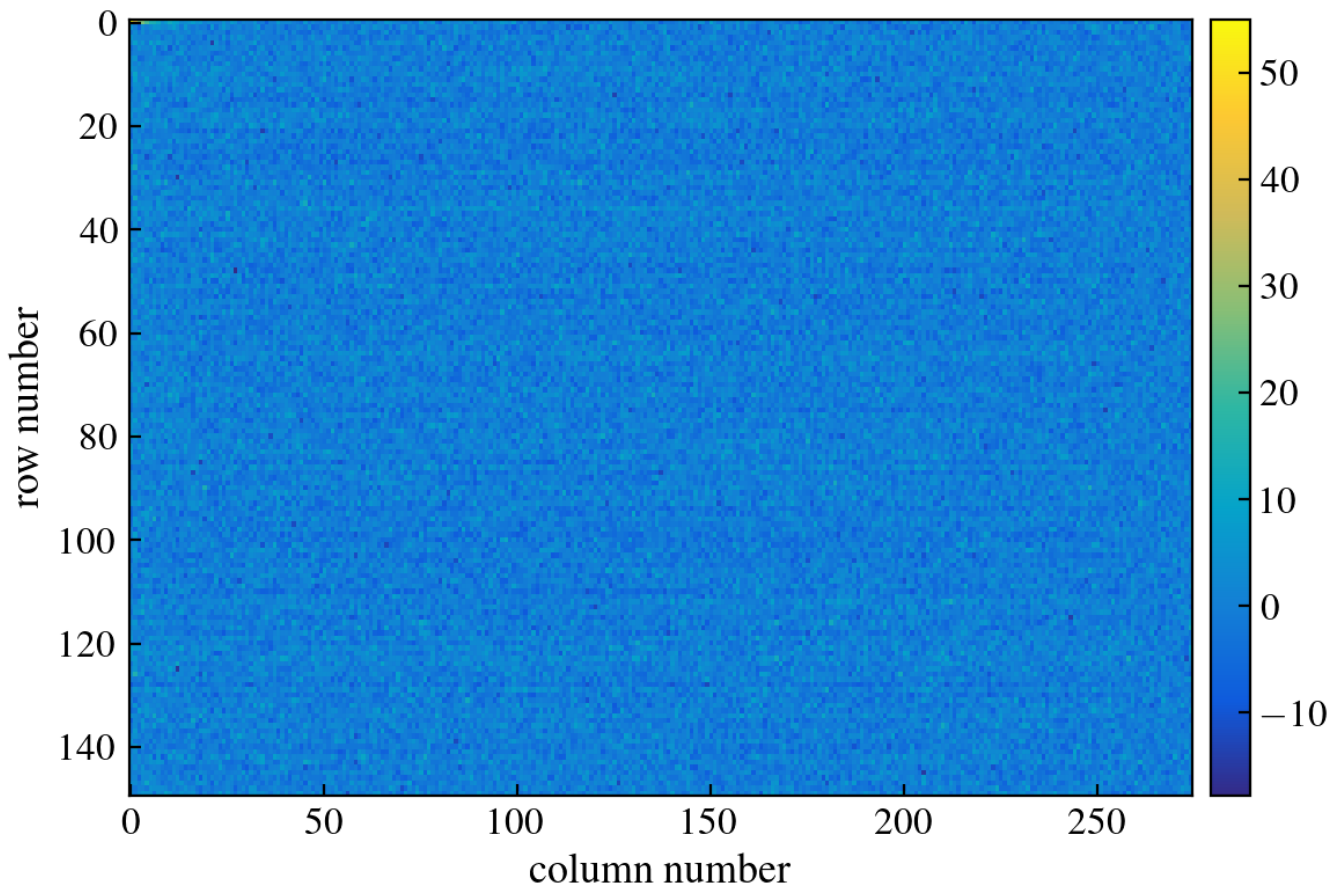


Figure 428: CCD Image

CCD Image: run 490, image 96
[class MECCDImage]

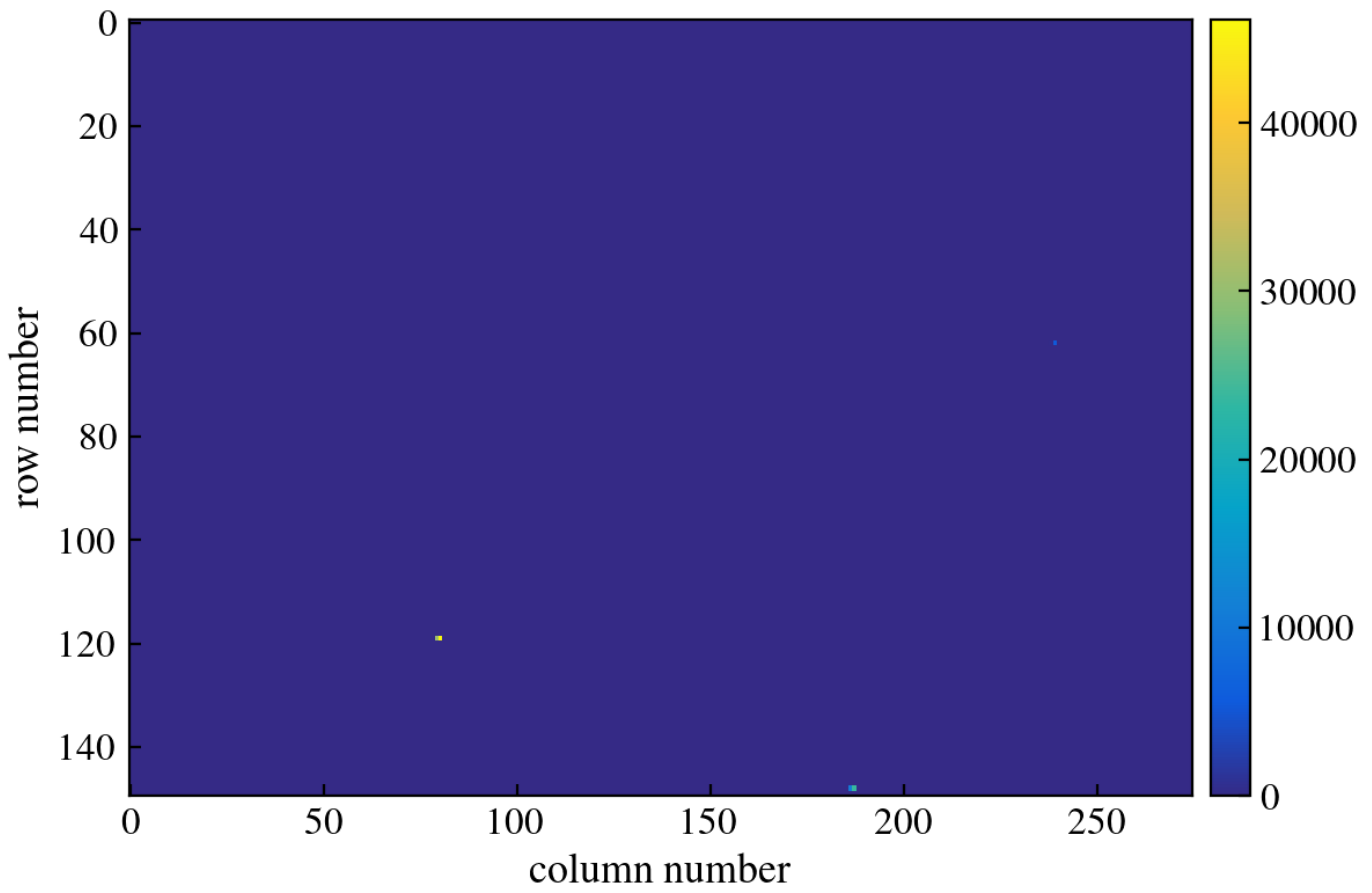


Figure 429: CCD Image

CCD Image: run 490, image 97
[class MECCDImage]

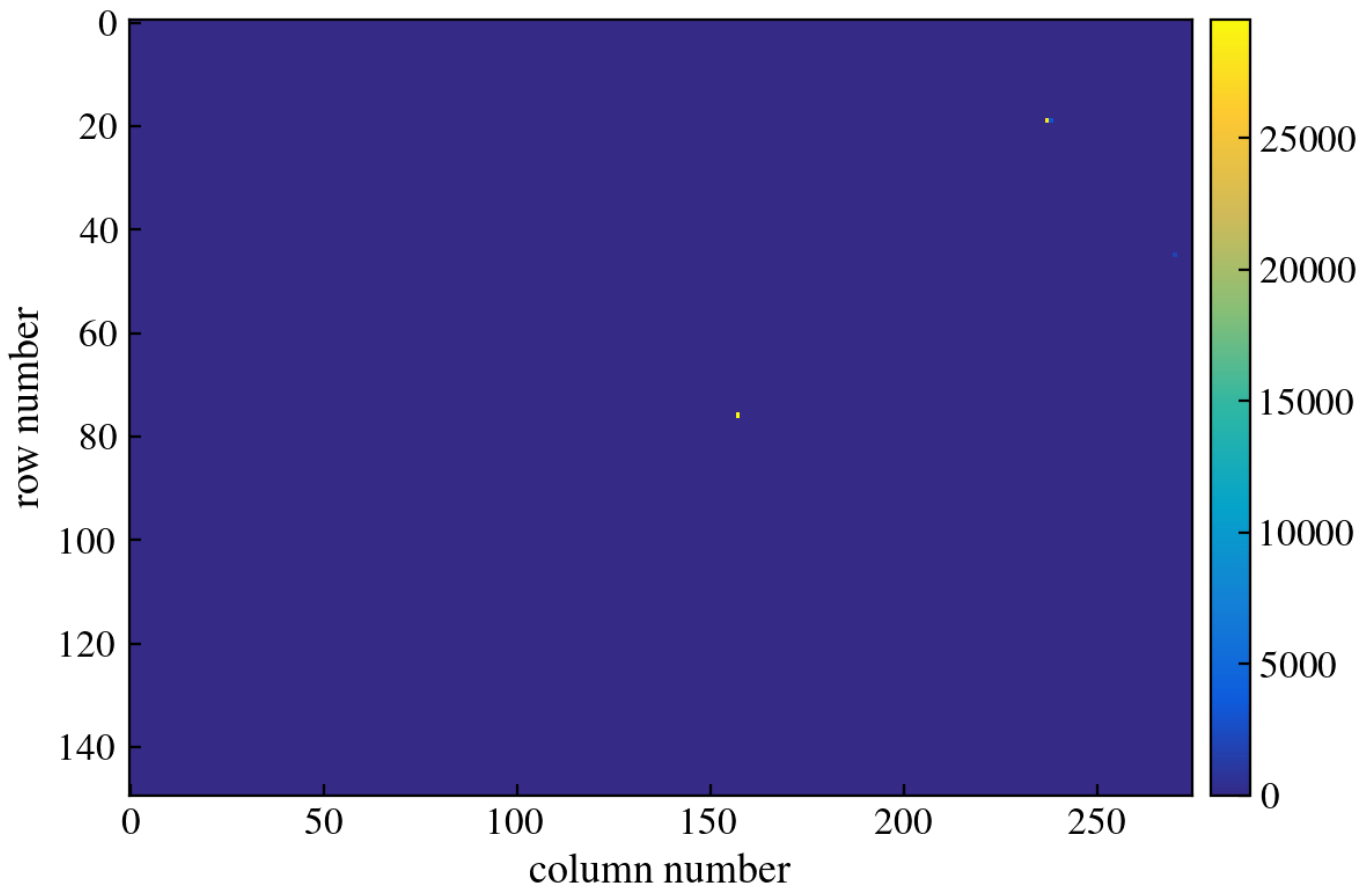


Figure 430: CCD Image

CCD Image: run 490, image 98
[class MECCDImage]

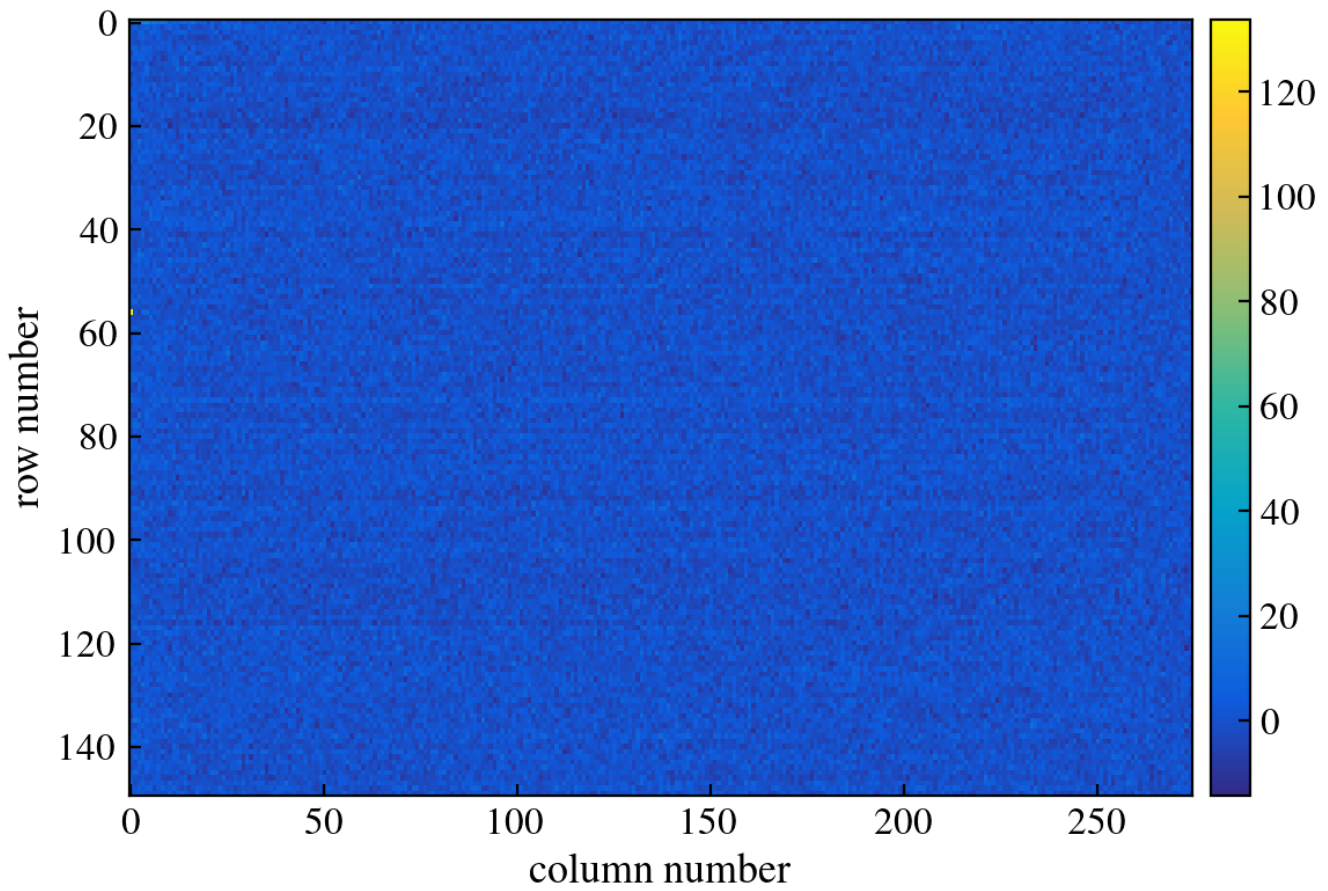


Figure 431: CCD Image

CCD Image: run 490, image 99
[class MECCDImage]

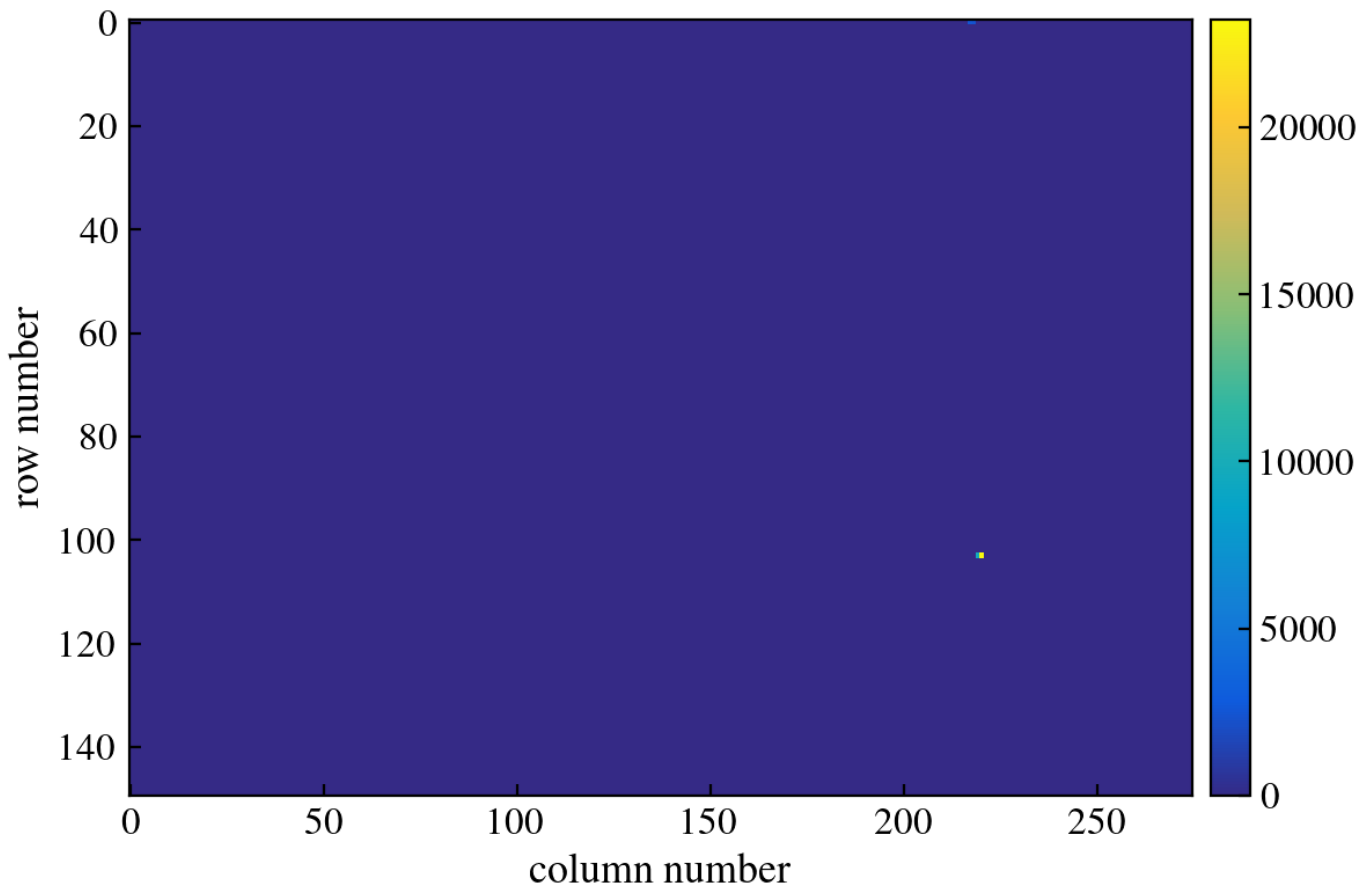


Figure 432: CCD Image

Overscan. Baseline Shift Status vs Image
[class MEBaselineShift]



Figure 433: Overscan. Baseline Shift Status vs Image

Overscan. Horizontal Clusters vs Image
[class MEHorizontalClusters]

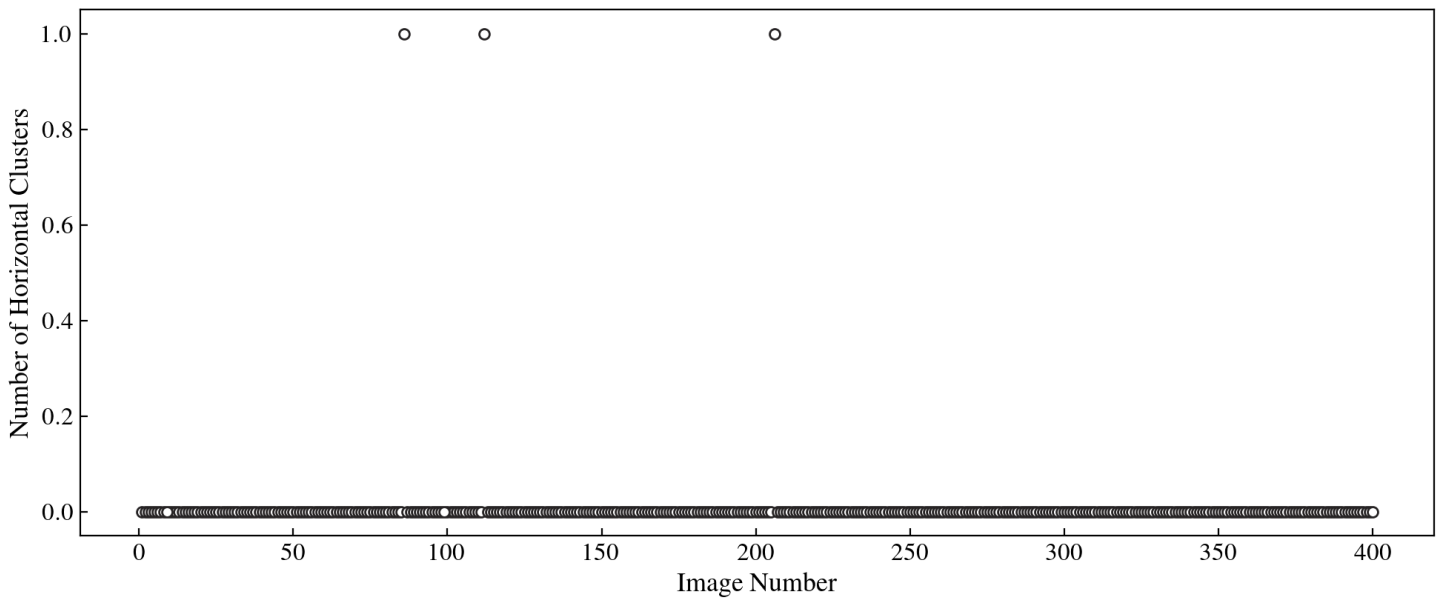


Figure 434: Overscan. Horizontal Clusters vs Image

Overscan. Miscellaneous Noise Found Status
[class MESigmaCutoffNoise]



Figure 435: Overscan. Miscellaneous Noise Found Status