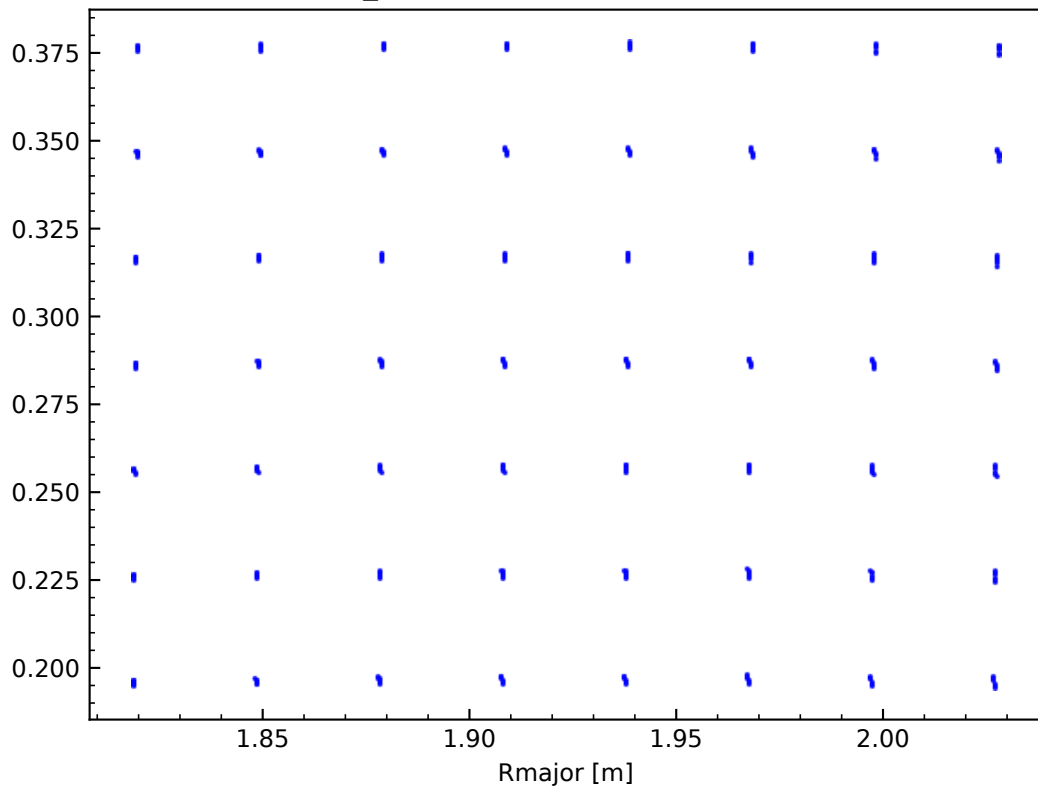
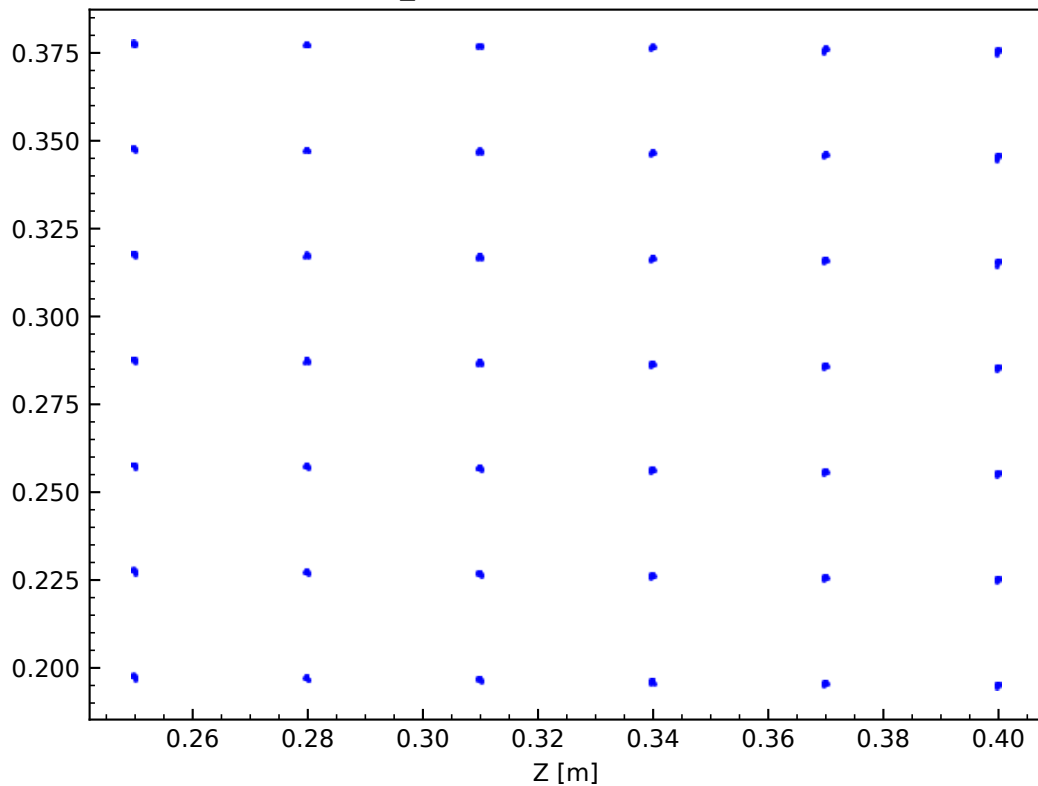


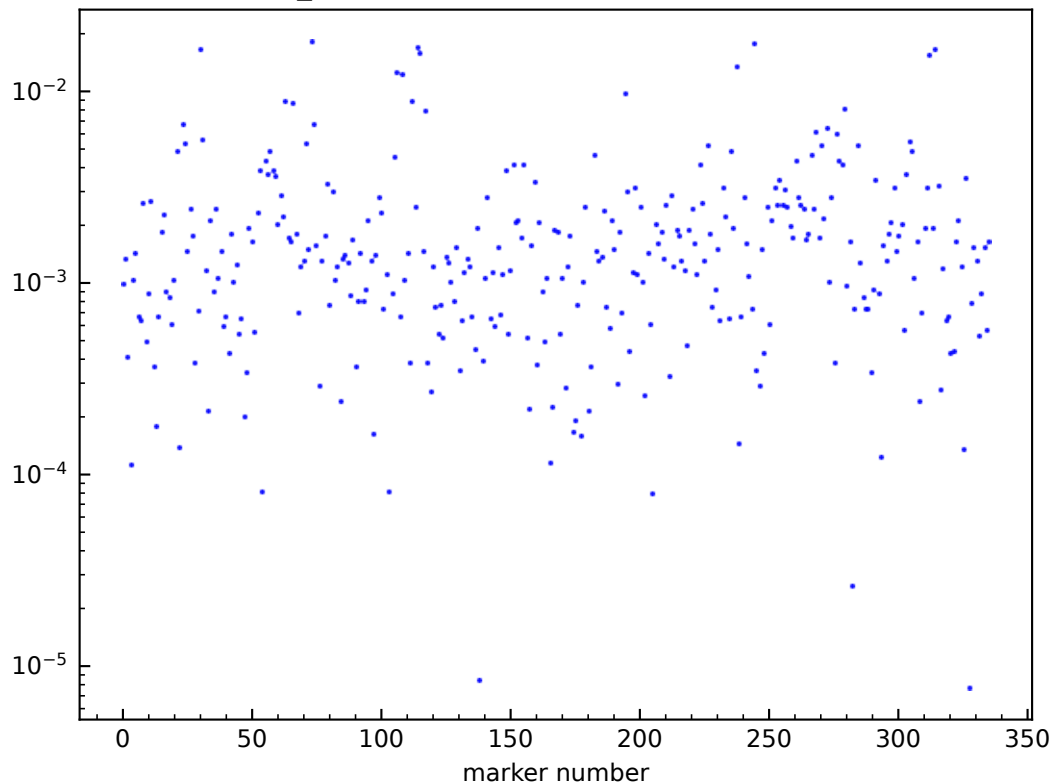
ascot\_66509525: initial pitch vs rmajor



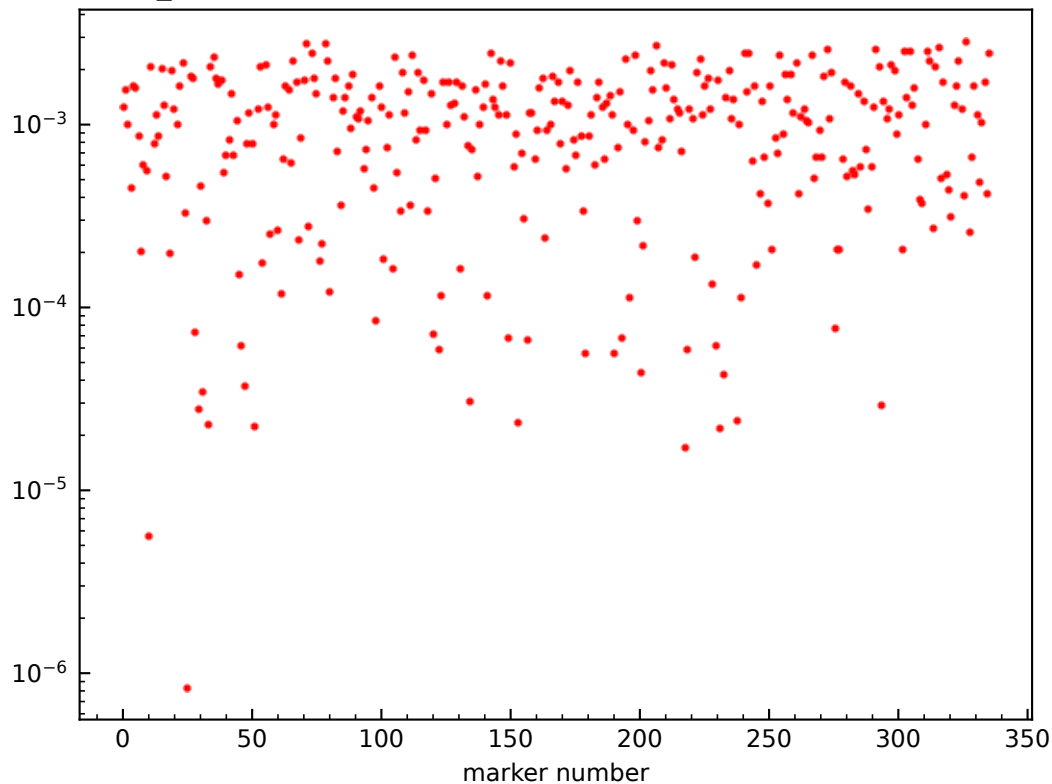
ascot\_66509525: initial pitch vs Z



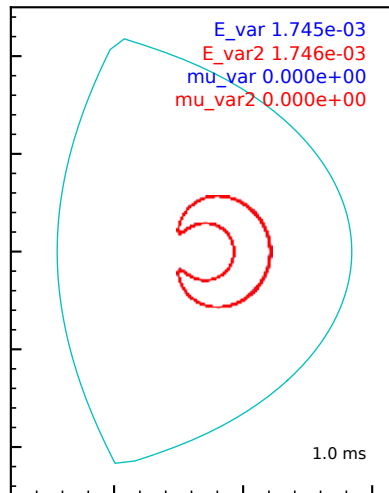
ascot\_66509525: (Ekev ratio  $\text{abs}((\text{end}/\text{ini}) - 1)$ )



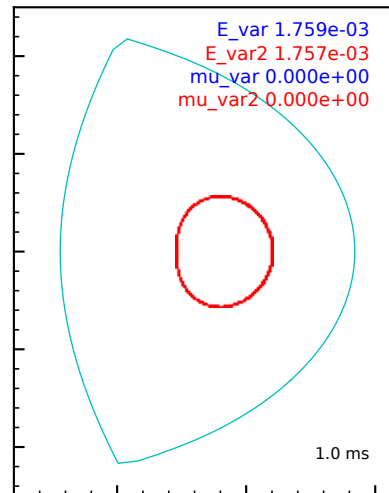
ascot\_66509525: mu ratio  $\text{abs}((\text{end}/\text{ini}) - 1) + (\text{k}/\text{red} = \text{ascot}, \text{sds})$



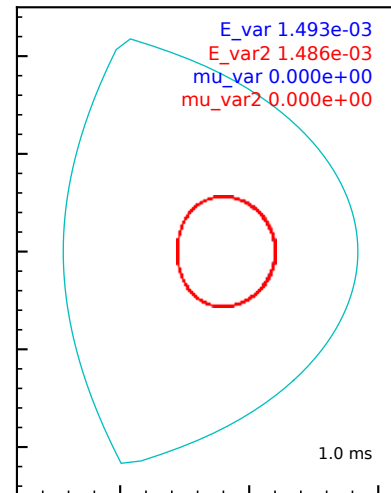
1 1 1.840 0.250 0.19689



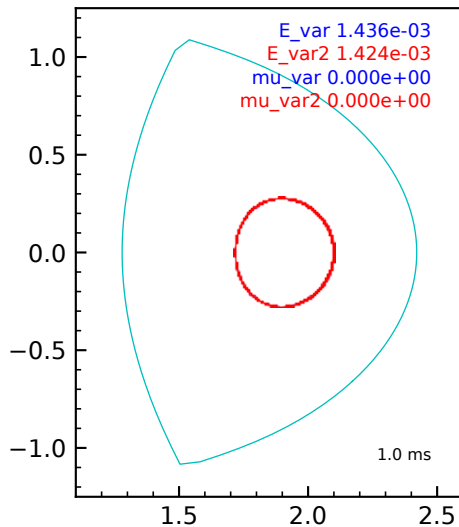
2 1 1.840 0.250 0.22705



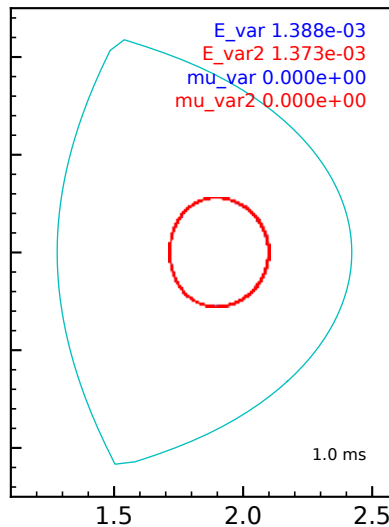
3 1 1.840 0.250 0.25717



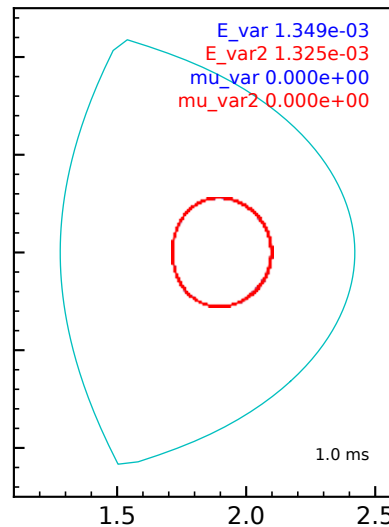
4 1 1.840 0.250 0.28726



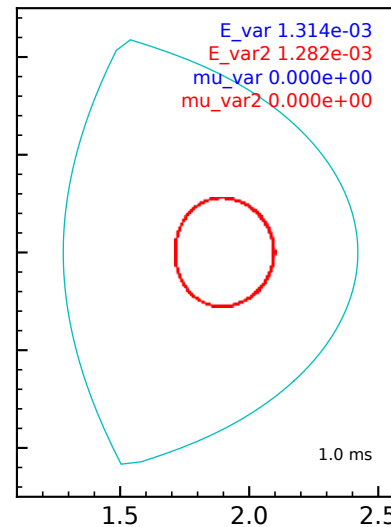
5 1 1.840 0.250 0.31731



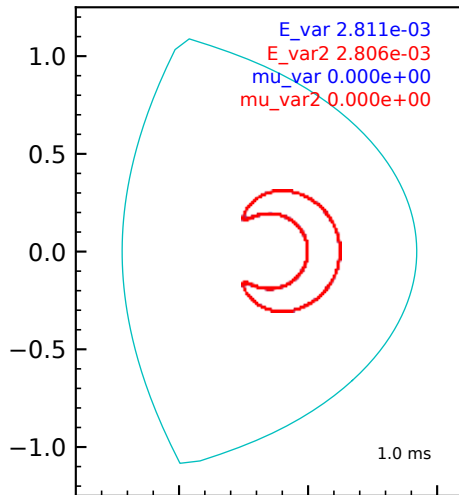
6 1 1.840 0.250 0.34733



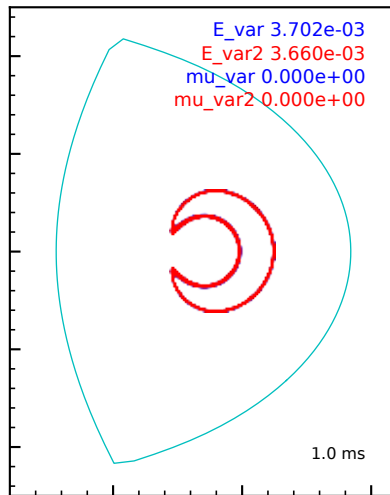
7 1 1.840 0.250 0.37730



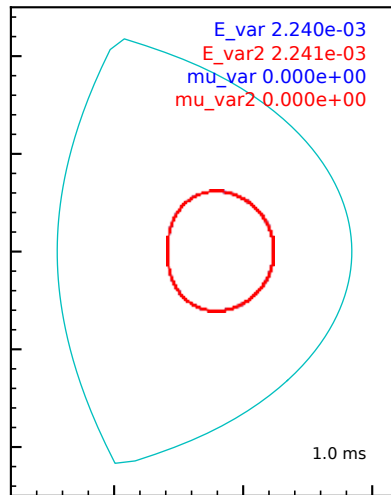
8 1 1.840 0.280 0.19666



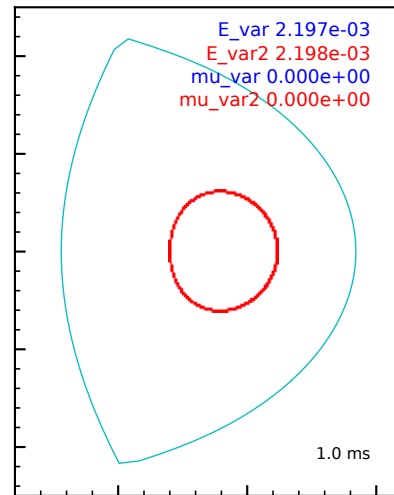
9 1 1.840 0.280 0.22682



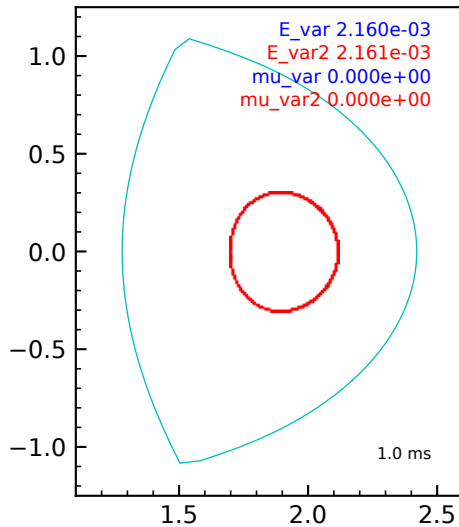
10 1 1.840 0.280 0.25694



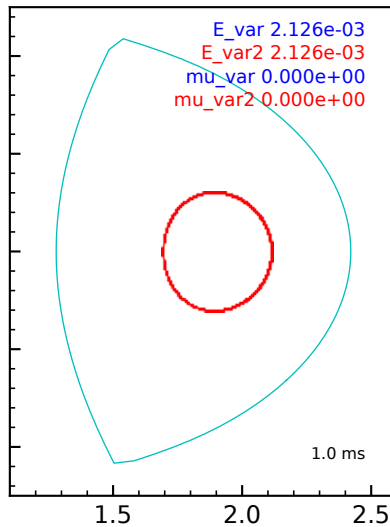
11 1 1.840 0.280 0.28703



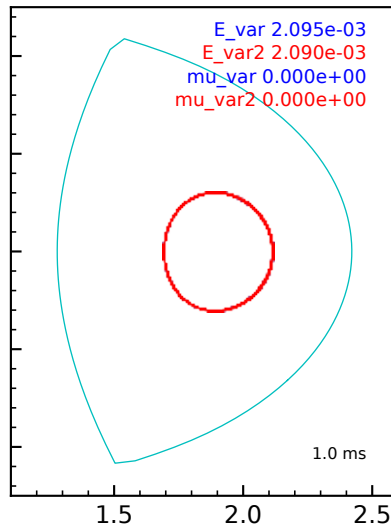
12 1 1.840 0.280 0.31708



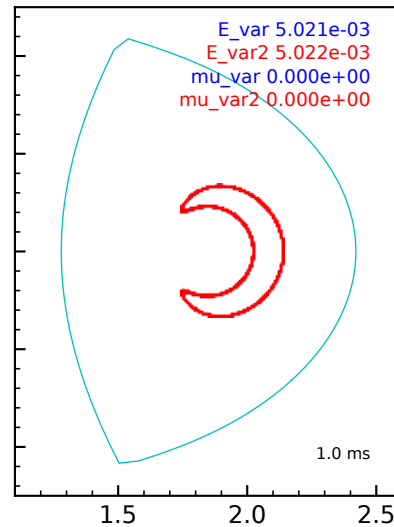
13 1 1.840 0.280 0.34709

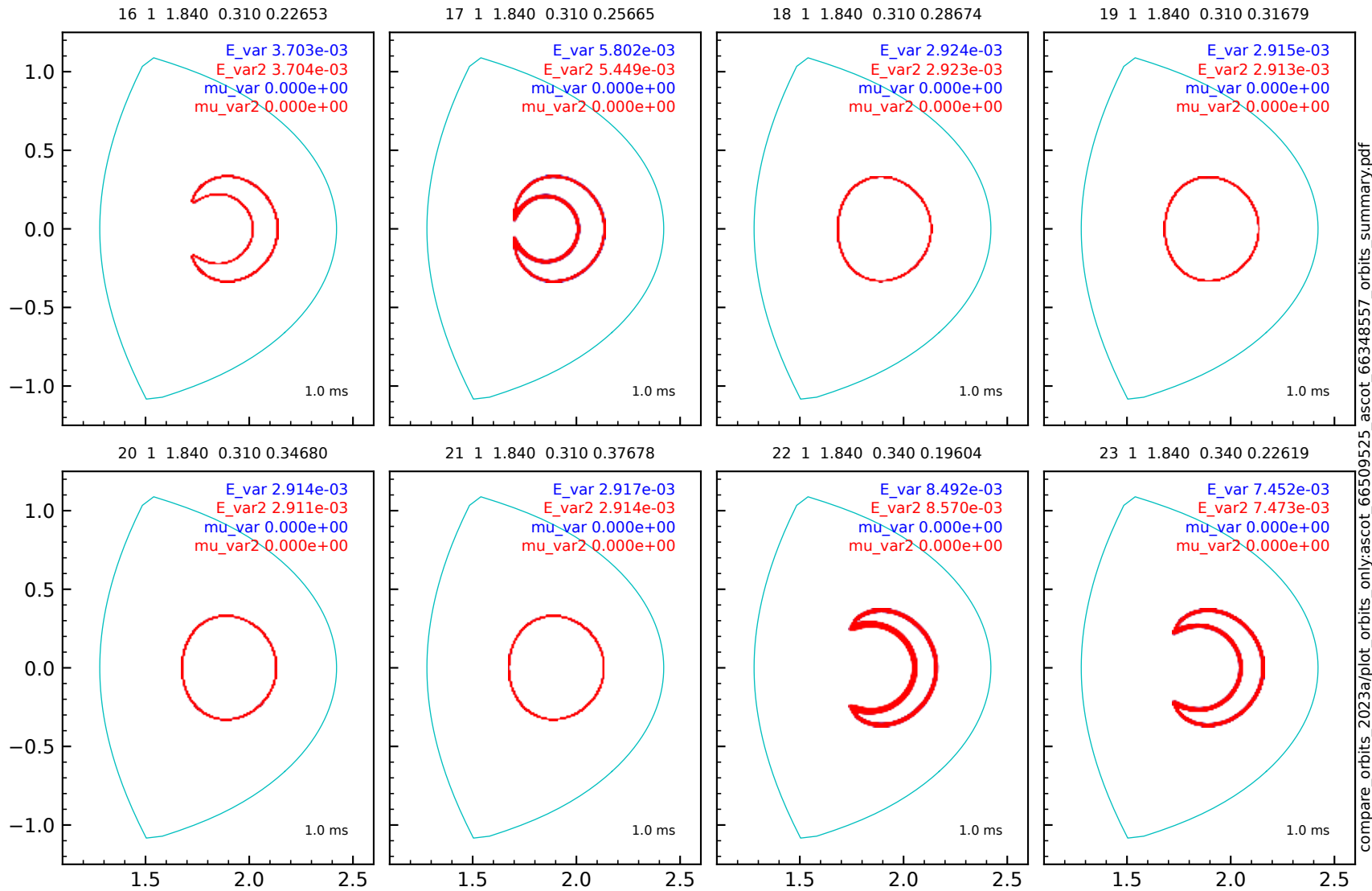


14 1 1.840 0.280 0.37707



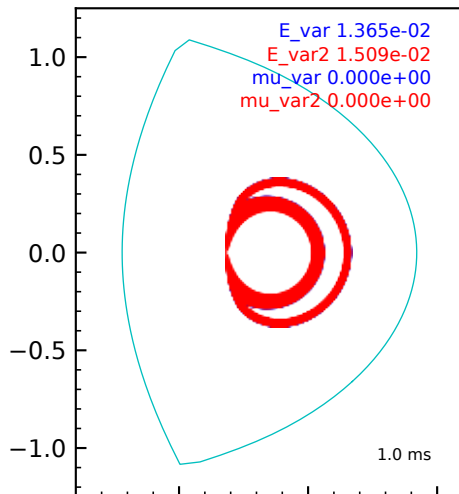
15 1 1.840 0.310 0.19638



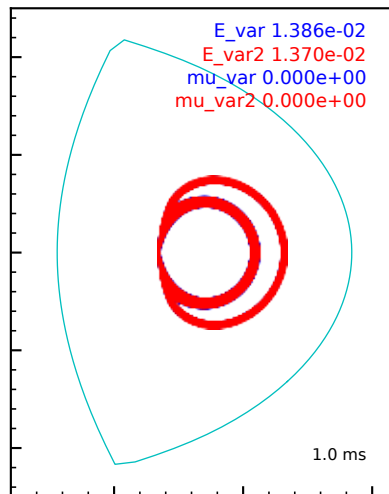




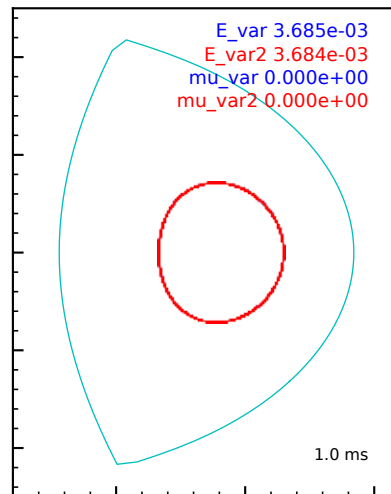
24 1 1.840 0.340 0.25631



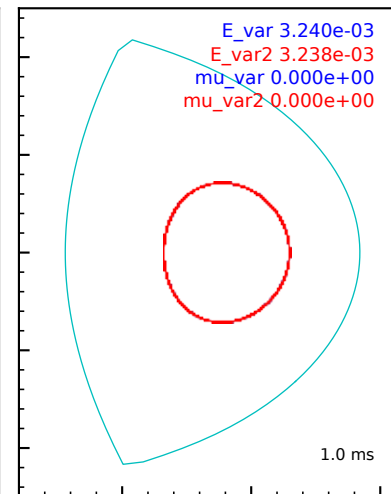
25 1 1.840 0.340 0.28639



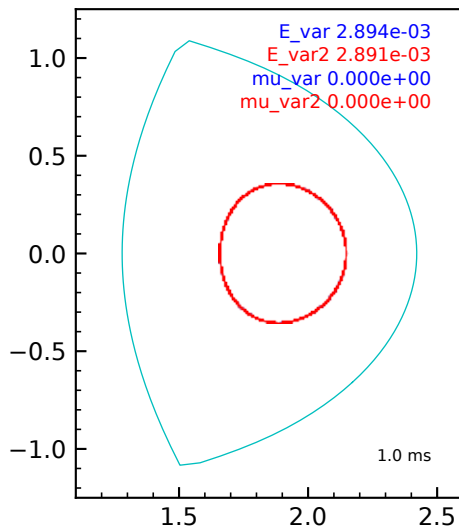
26 1 1.840 0.340 0.31645



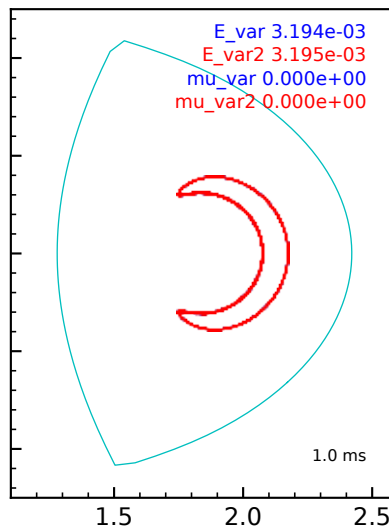
27 1 1.840 0.340 0.34646



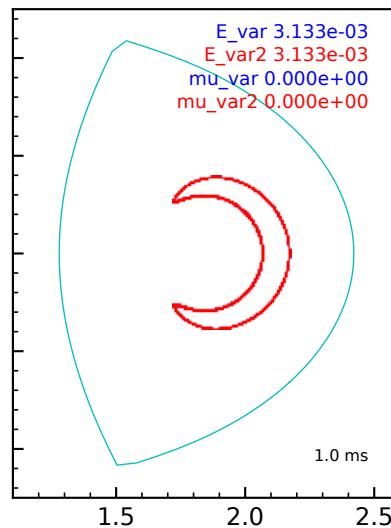
28 1 1.840 0.340 0.37644



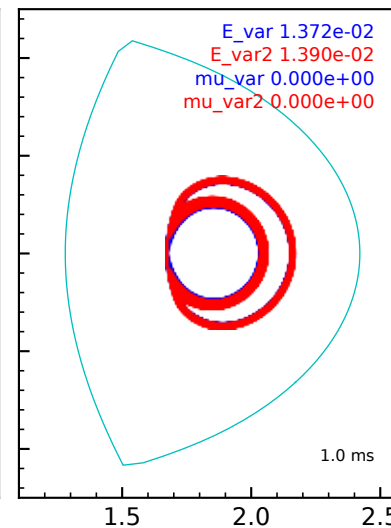
29 1 1.840 0.370 0.19563



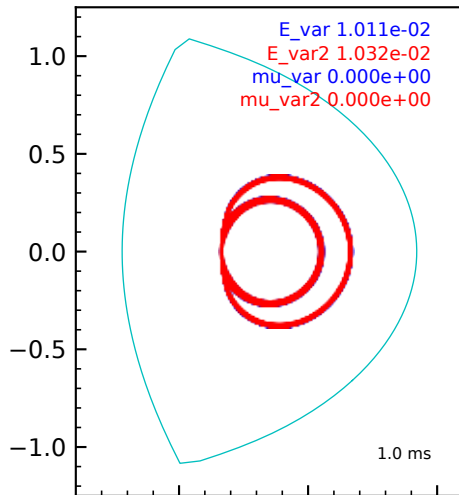
30 1 1.840 0.370 0.22578



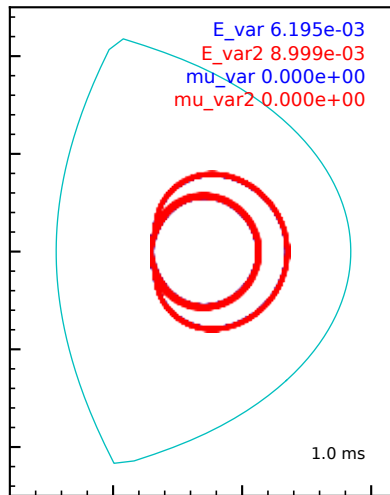
31 1 1.840 0.370 0.25590



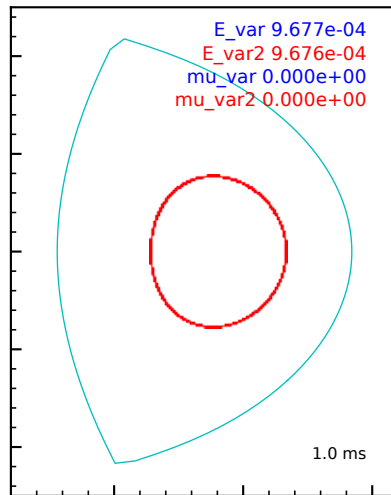
32 1 1.840 0.370 0.28599



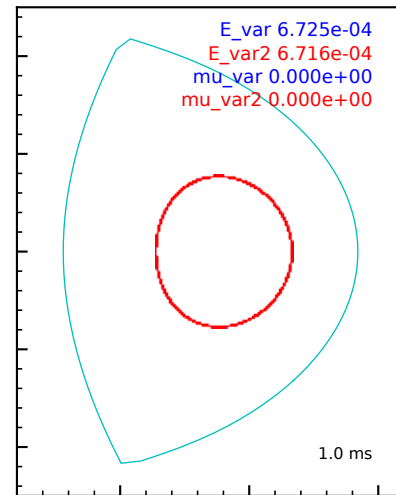
33 1 1.840 0.370 0.31604



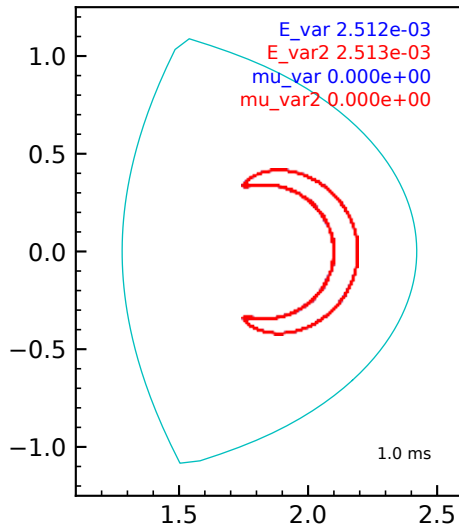
34 1 1.840 0.370 0.34606



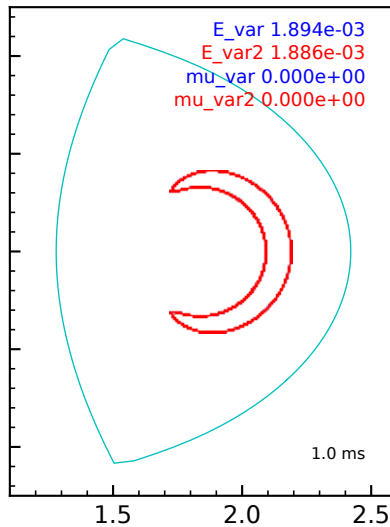
35 1 1.840 0.370 0.37604



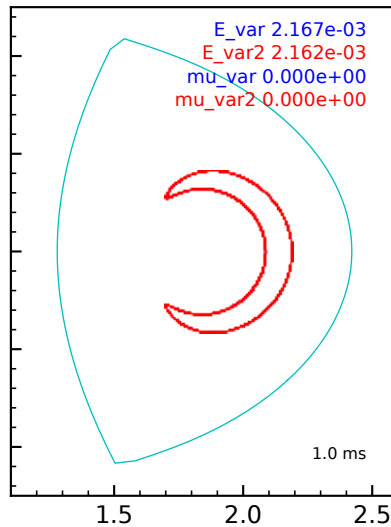
36 1 1.840 0.400 0.19516



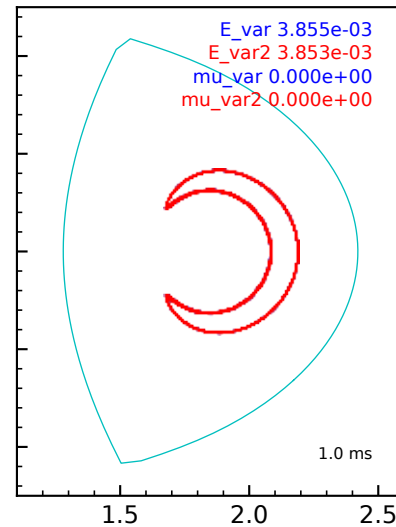
37 1 1.840 0.400 0.22531

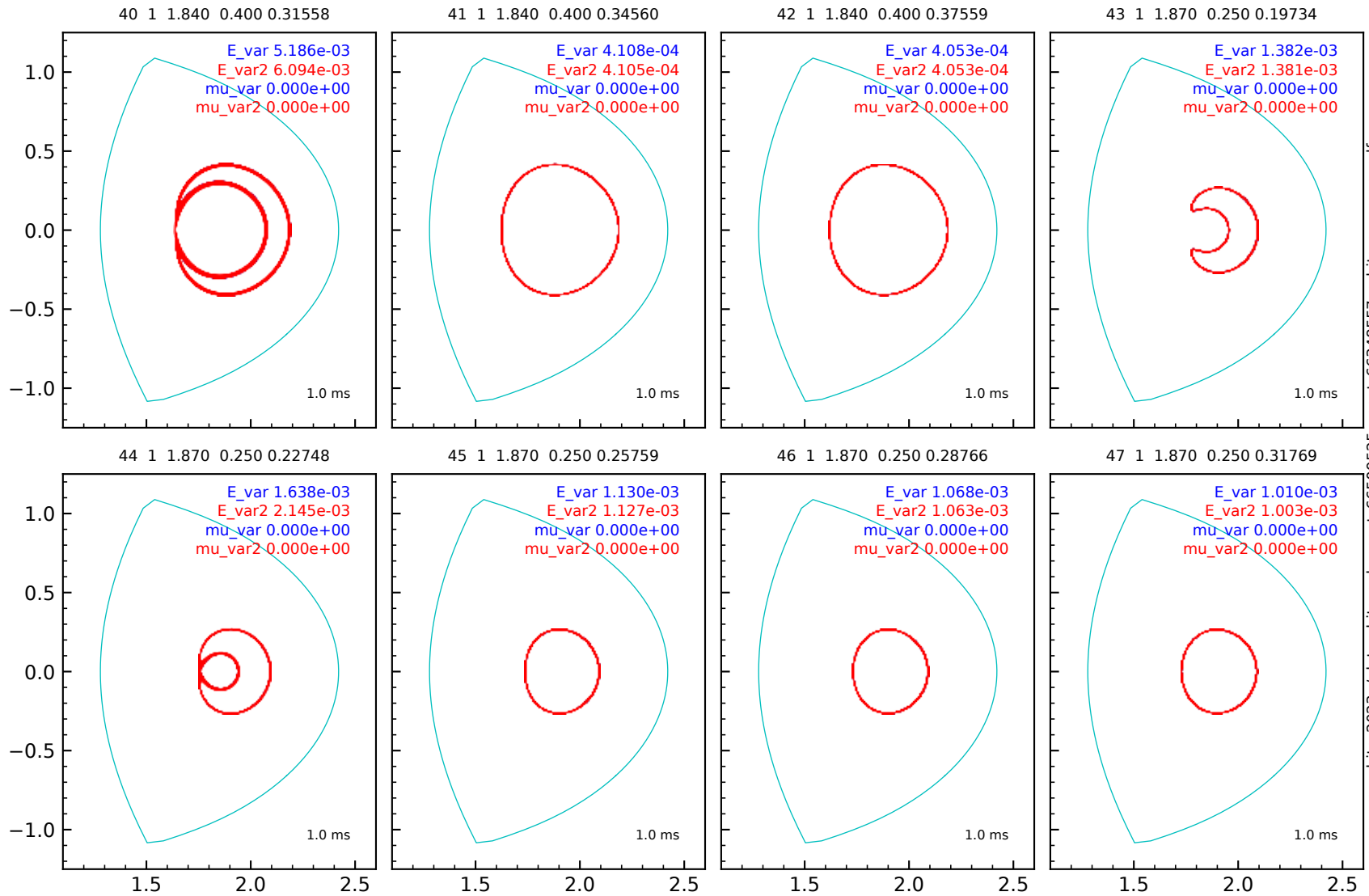


38 1 1.840 0.400 0.25543

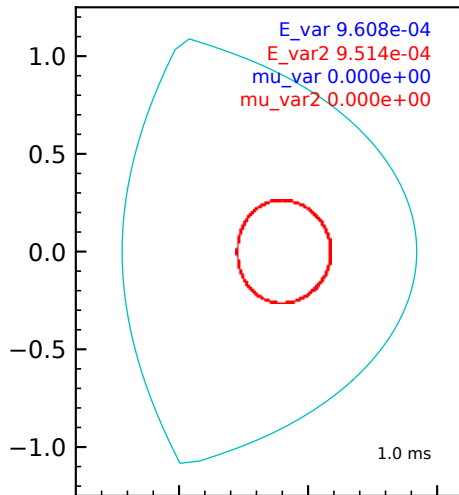


39 1 1.840 0.400 0.28552

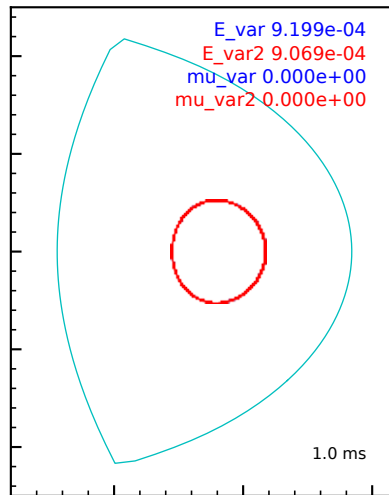




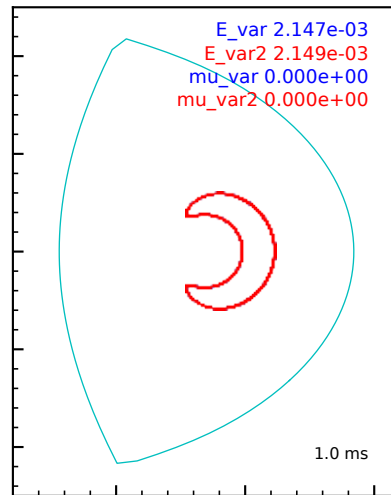
48 1 1.870 0.250 0.34768



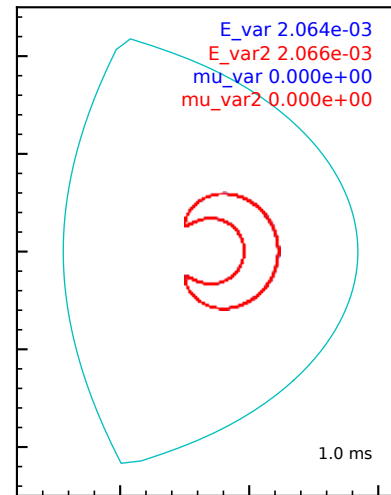
49 1 1.870 0.250 0.37764



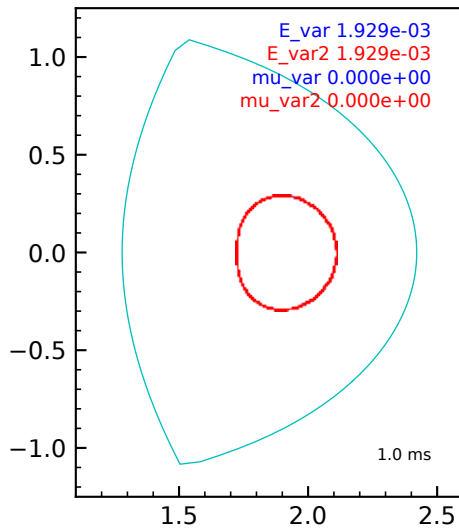
50 1 1.870 0.280 0.19711



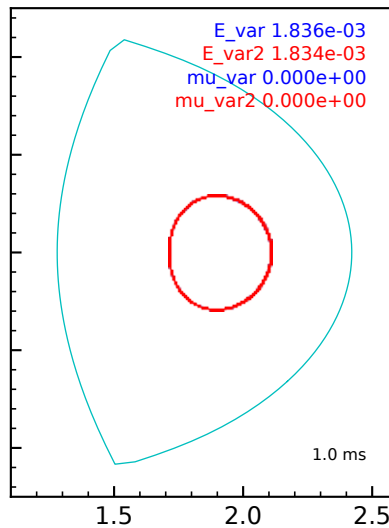
51 1 1.870 0.280 0.22725



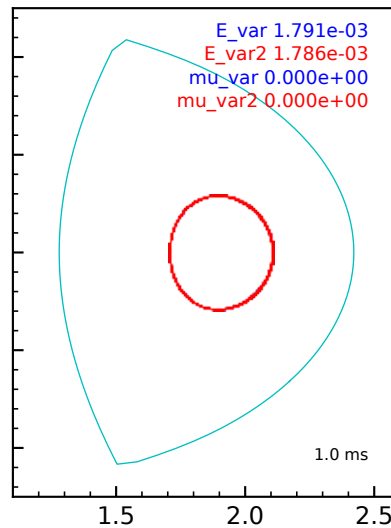
52 1 1.870 0.280 0.25735



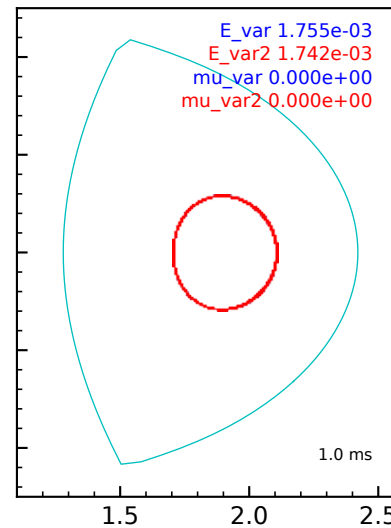
53 1 1.870 0.280 0.28742



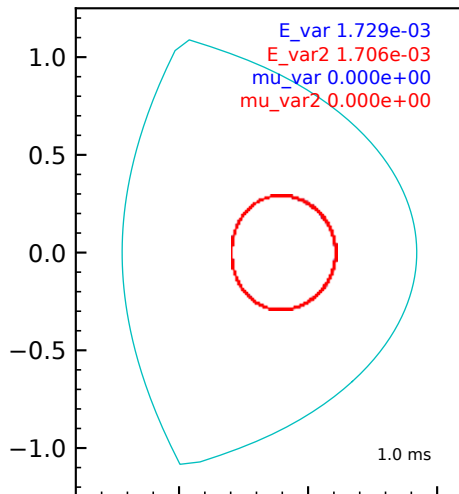
54 1 1.870 0.280 0.31745



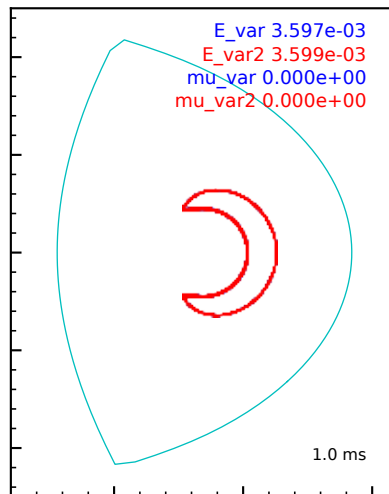
55 1 1.870 0.280 0.34744



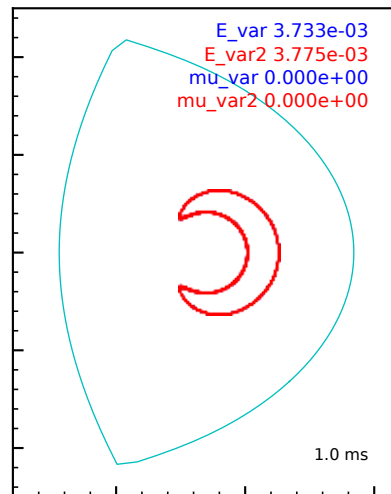
56 1 1.870 0.280 0.37739



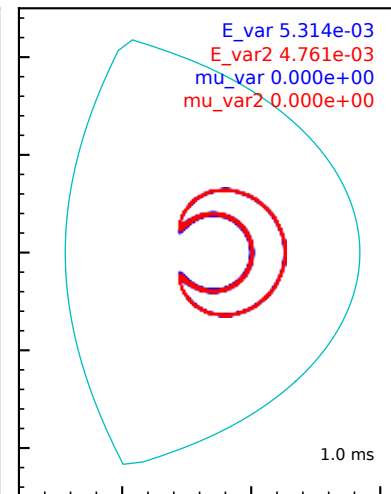
57 1 1.870 0.310 0.19681



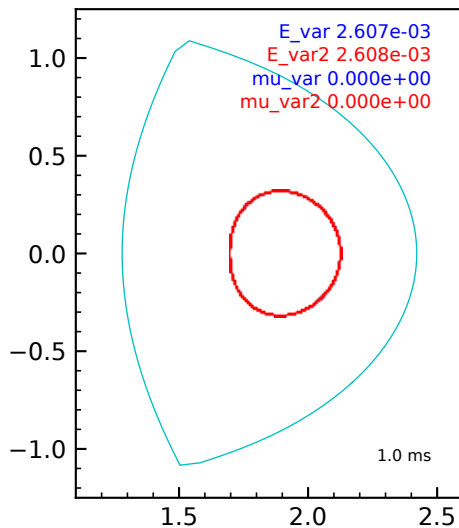
58 1 1.870 0.310 0.22695



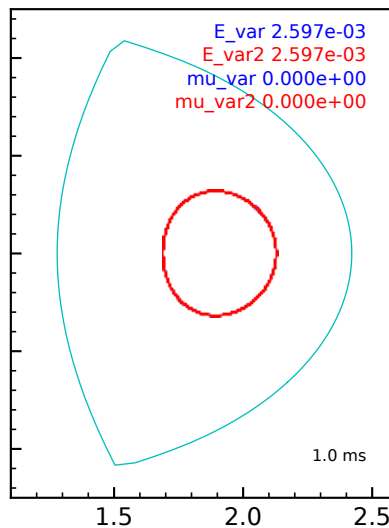
59 1 1.870 0.310 0.25705



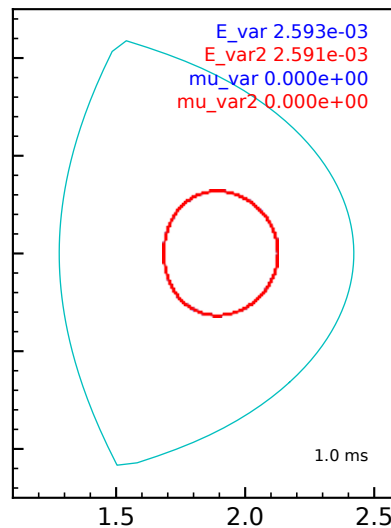
60 1 1.870 0.310 0.28712



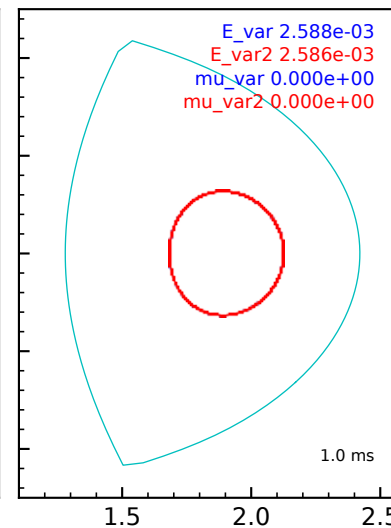
61 1 1.870 0.310 0.31715



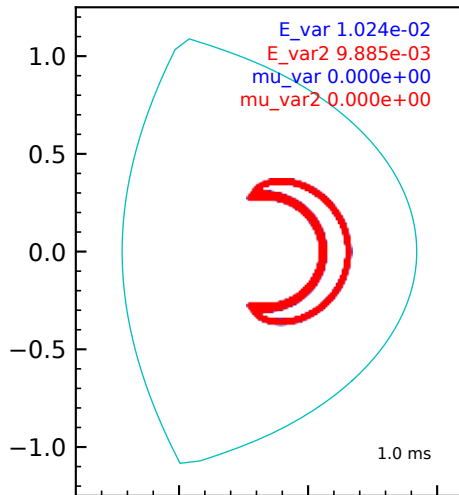
62 1 1.870 0.310 0.34714



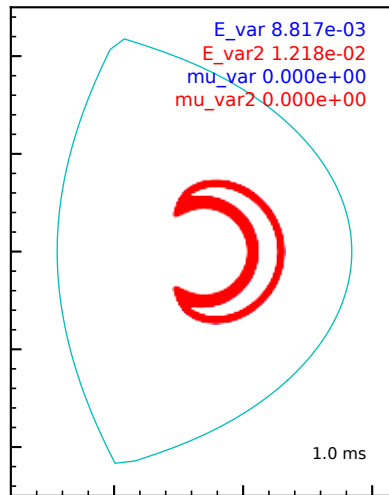
63 1 1.870 0.310 0.37710



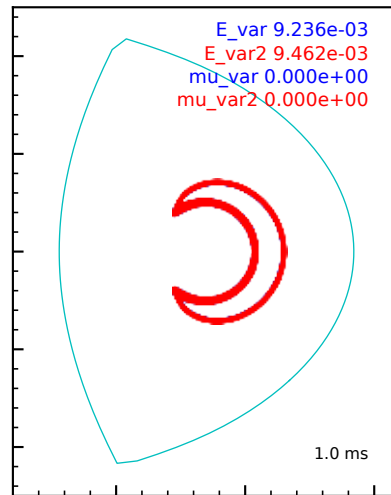
64 1 1.870 0.340 0.19646



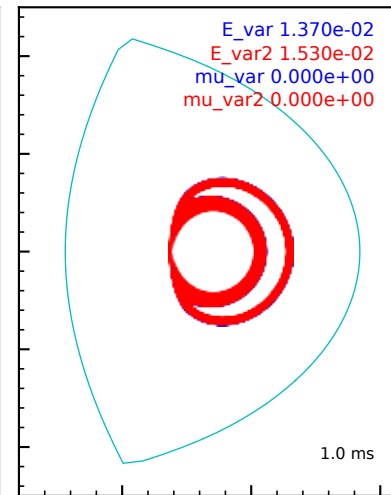
65 1 1.870 0.340 0.22659



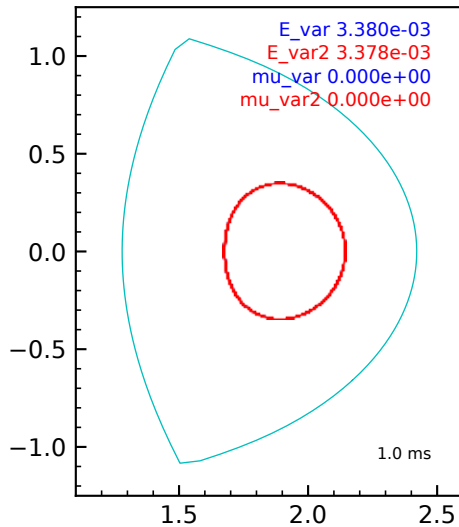
66 1 1.870 0.340 0.25669



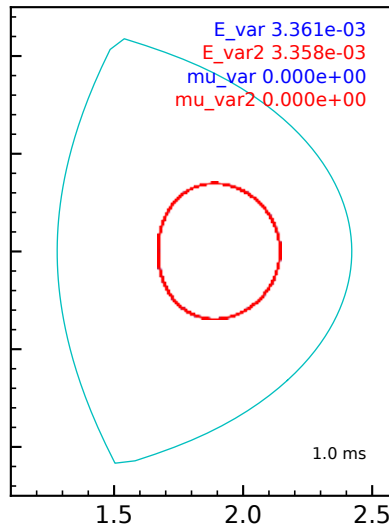
67 1 1.870 0.340 0.28676



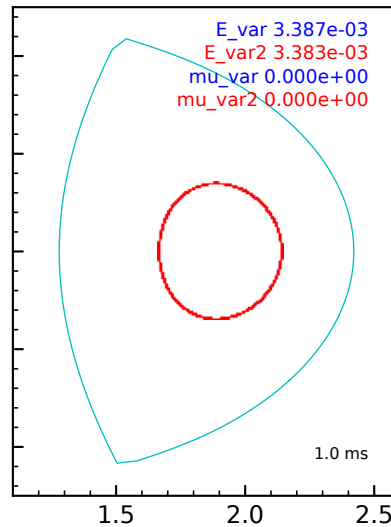
68 1 1.870 0.340 0.31679



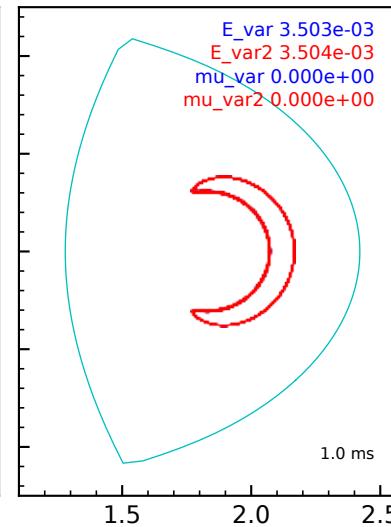
69 1 1.870 0.340 0.34679



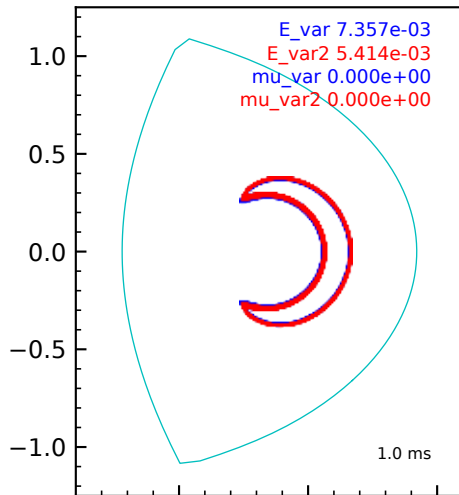
70 1 1.870 0.340 0.37675



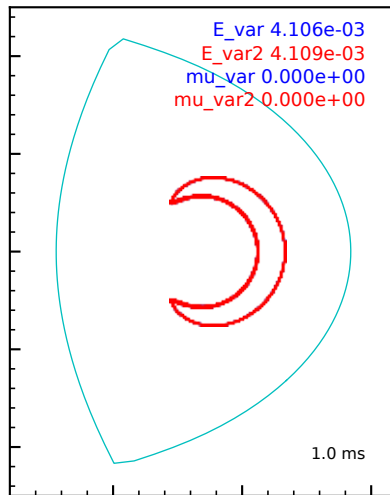
71 1 1.870 0.370 0.19603



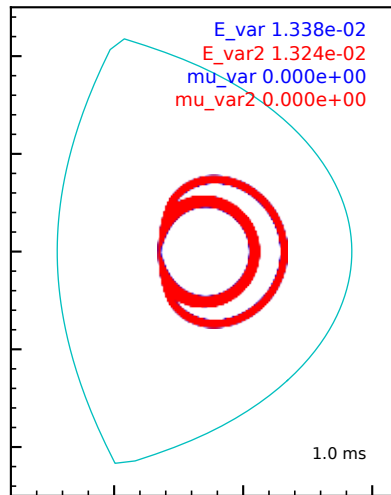
72 1 1.870 0.370 0.22617



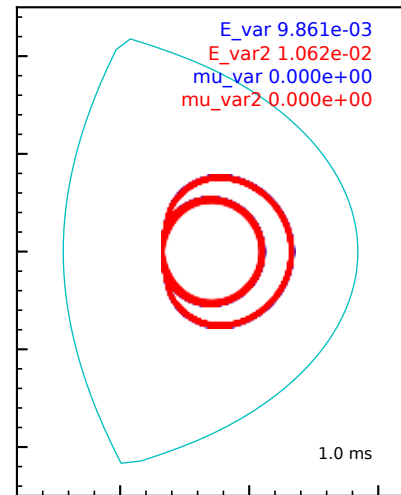
73 1 1.870 0.370 0.25627



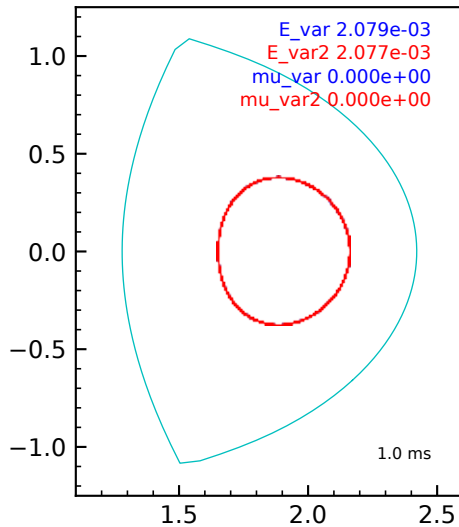
74 1 1.870 0.370 0.28634



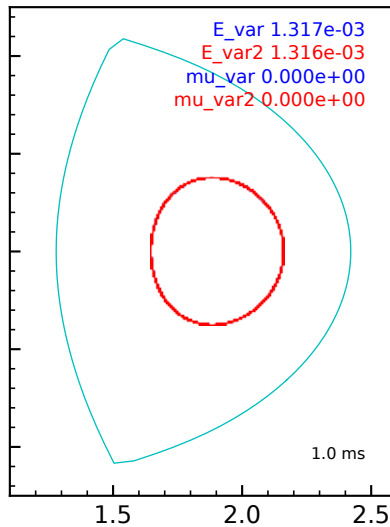
75 1 1.870 0.370 0.31637



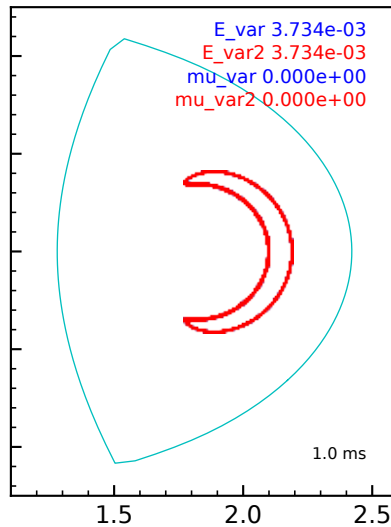
76 1 1.870 0.370 0.34637



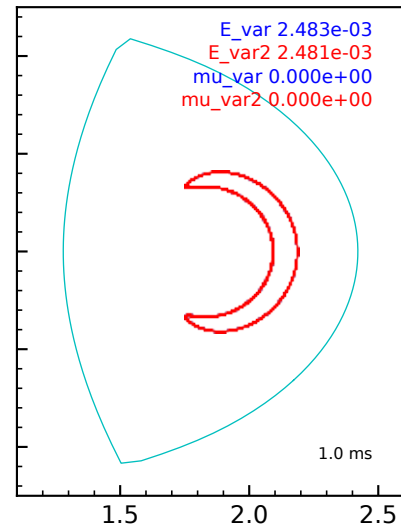
77 1 1.870 0.370 0.37633



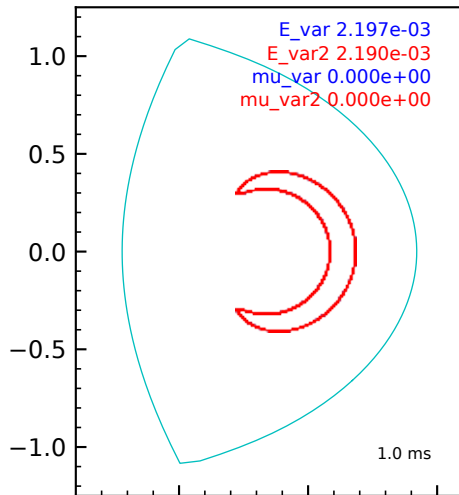
78 1 1.870 0.400 0.19554



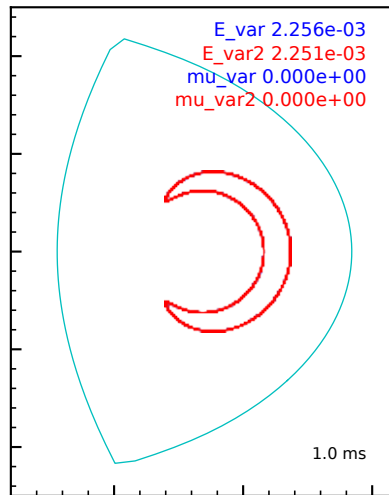
79 1 1.870 0.400 0.22568



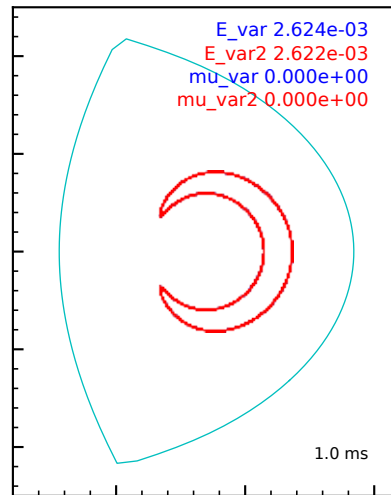
80 1 1.870 0.400 0.25578



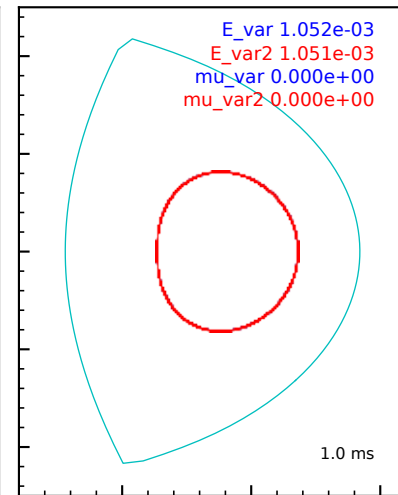
81 1 1.870 0.400 0.28585



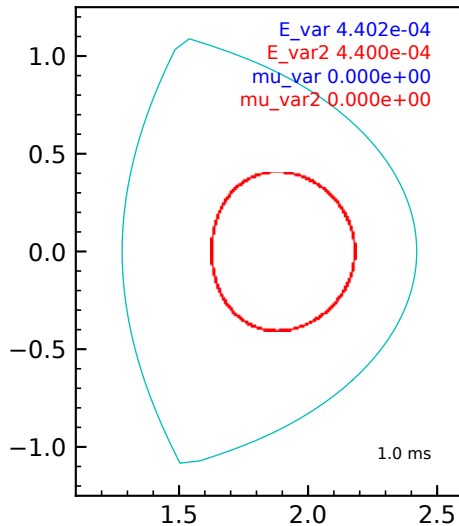
82 1 1.870 0.400 0.31589



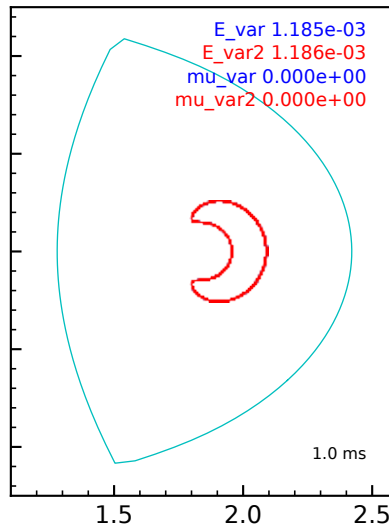
83 1 1.870 0.400 0.34589



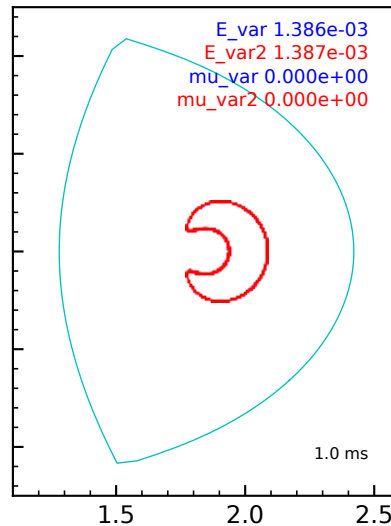
84 1 1.870 0.400 0.37586



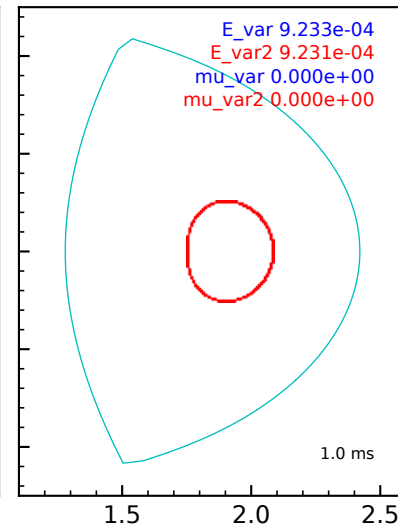
85 1 1.900 0.250 0.19772



86 1 1.900 0.250 0.22784

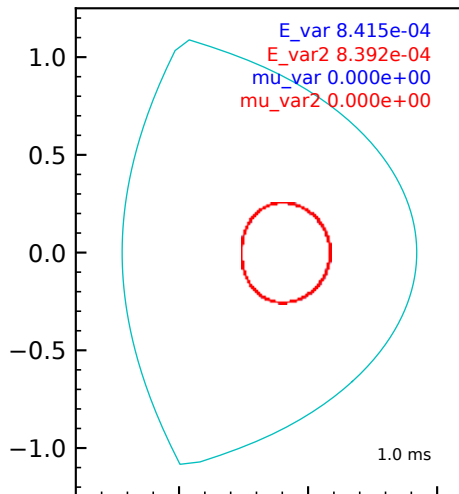


87 1 1.900 0.250 0.25793

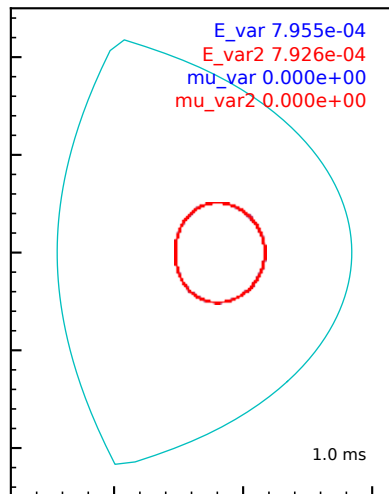




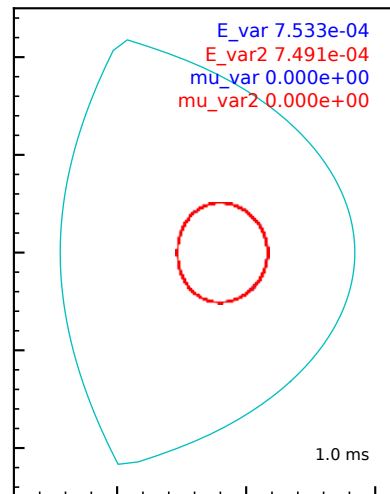
88 1 1.900 0.250 0.28798



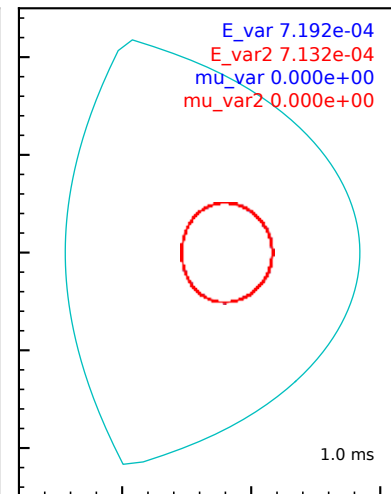
89 1 1.900 0.250 0.31799



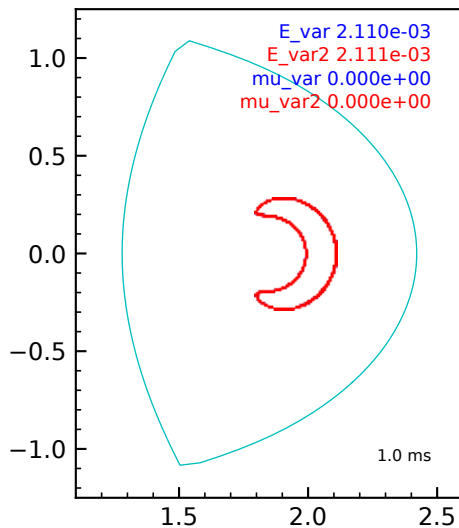
90 1 1.900 0.250 0.34796



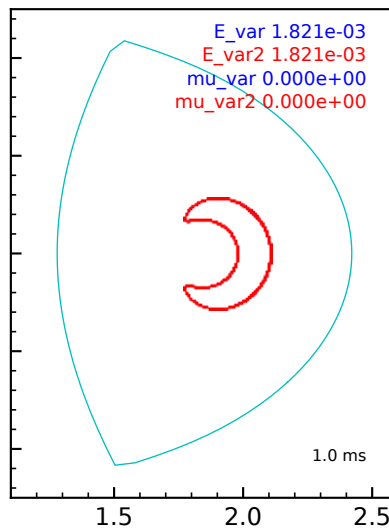
91 1 1.900 0.250 0.37789



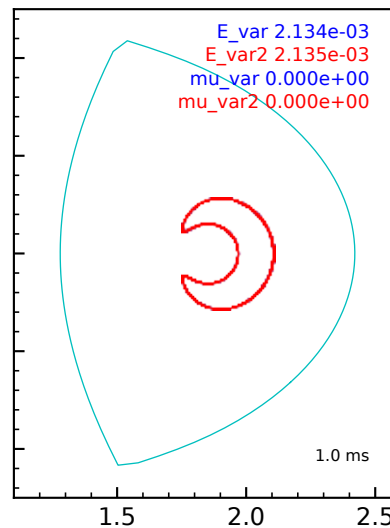
92 1 1.900 0.280 0.19747



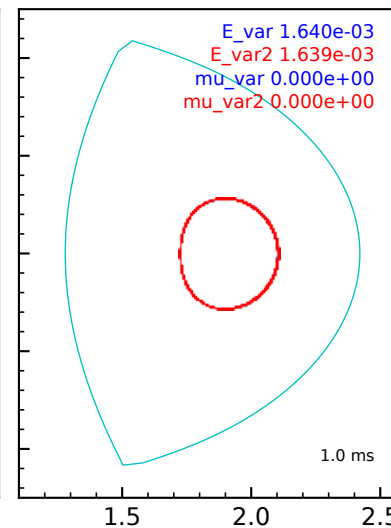
93 1 1.900 0.280 0.22759



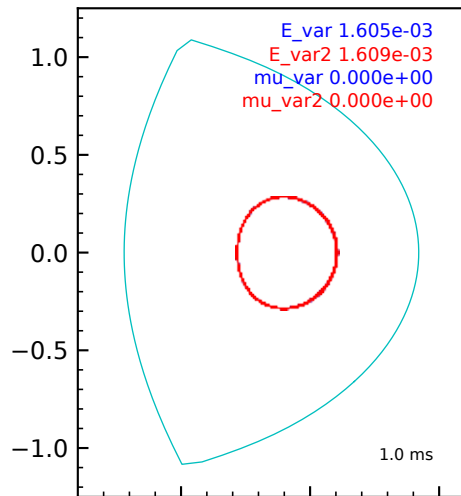
94 1 1.900 0.280 0.25767



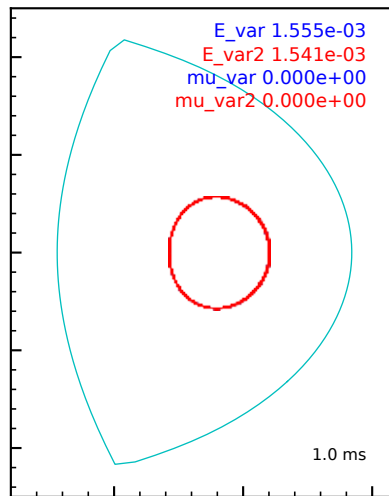
95 1 1.900 0.280 0.28772



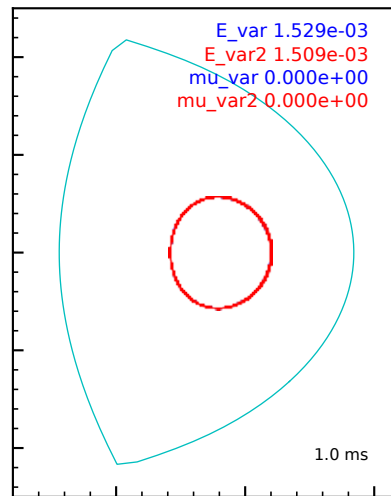
96 1 1.900 0.280 0.31773



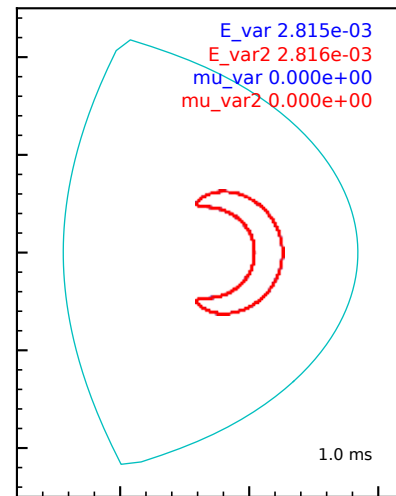
97 1 1.900 0.280 0.34770



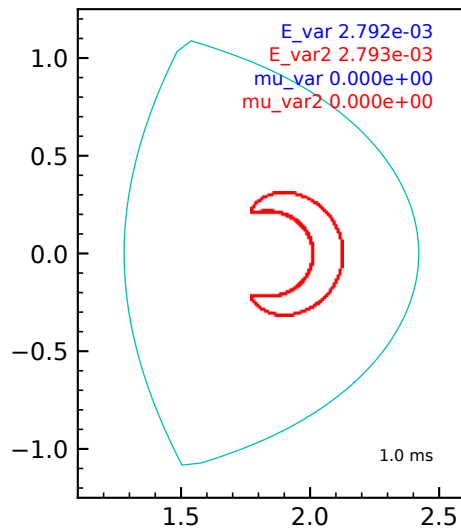
98 1 1.900 0.280 0.37763



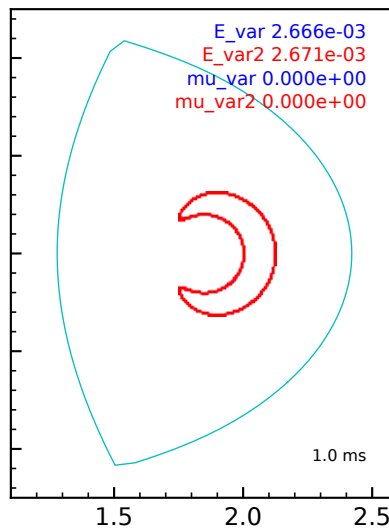
99 1 1.900 0.310 0.19715



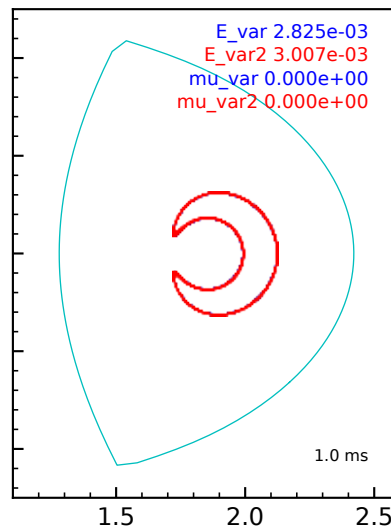
100 1 1.900 0.310 0.22727



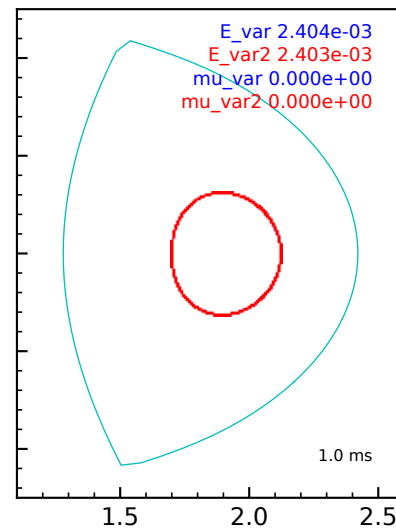
101 1 1.900 0.310 0.25736



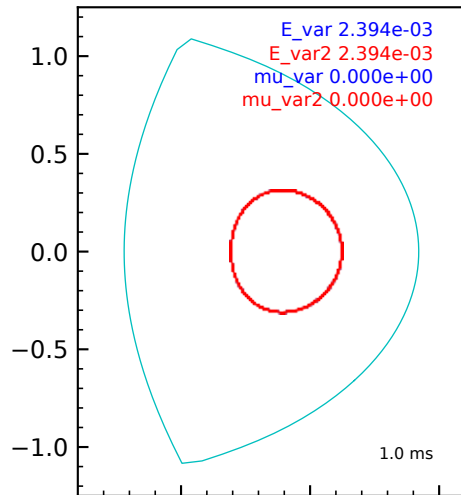
102 1 1.900 0.310 0.28740



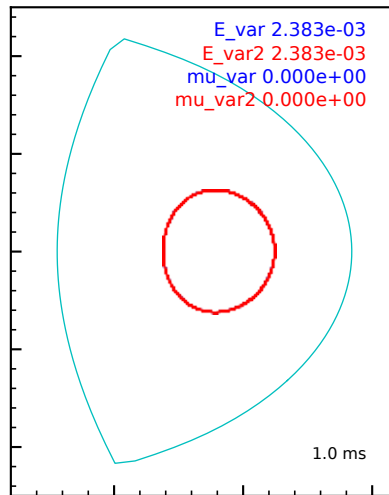
103 1 1.900 0.310 0.31741



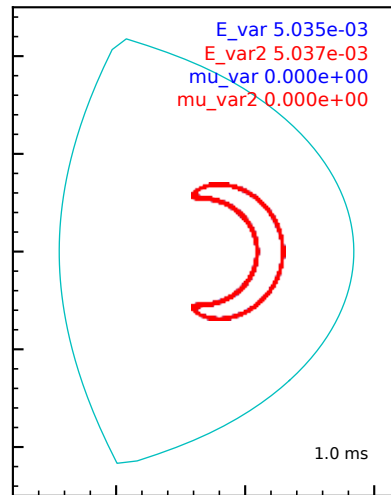
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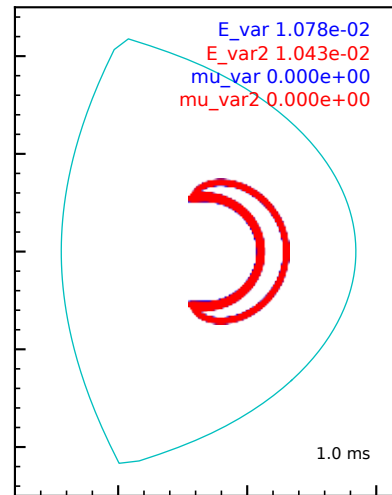
105 1 1.900 0.310 0.37732



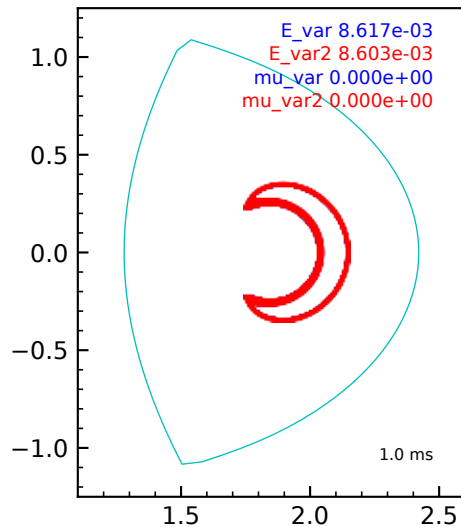
106 1 1.900 0.340 0.19677



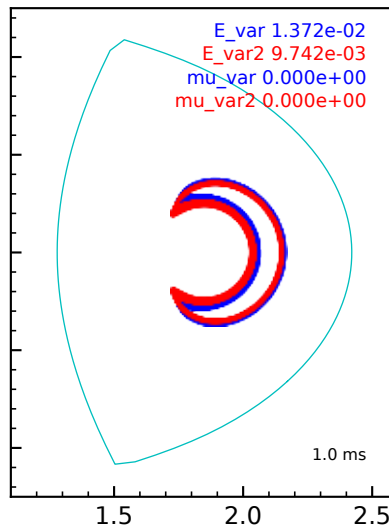
107 1 1.900 0.340 0.22689



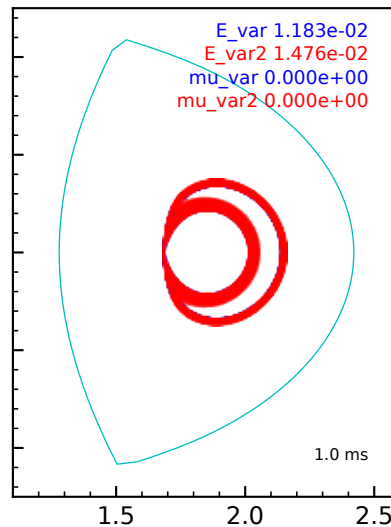
108 1 1.900 0.340 0.25697



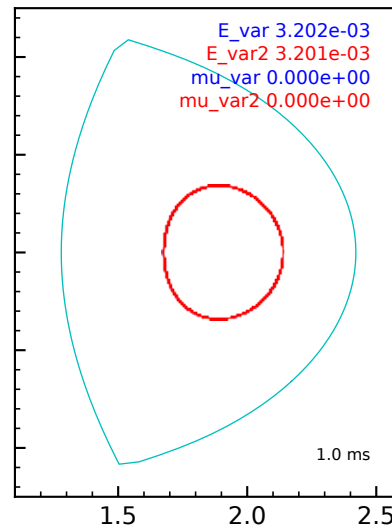
109 1 1.900 0.340 0.28702



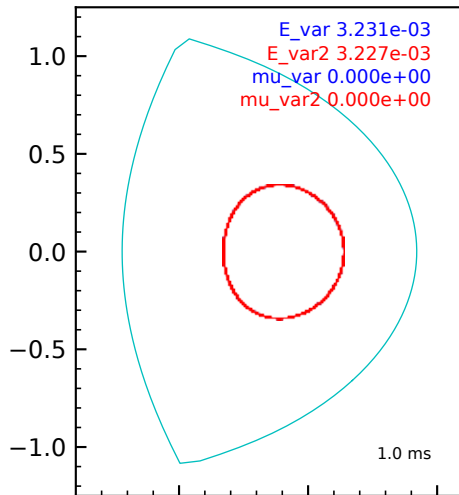
110 1 1.900 0.340 0.31703



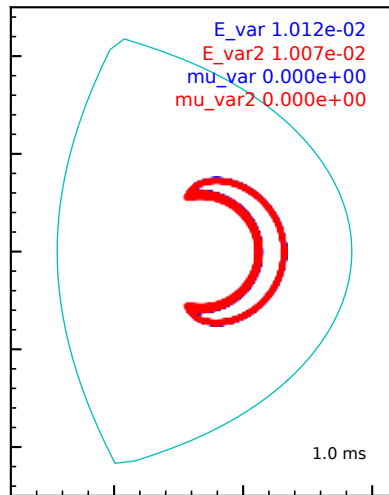
111 1 1.900 0.340 0.34701



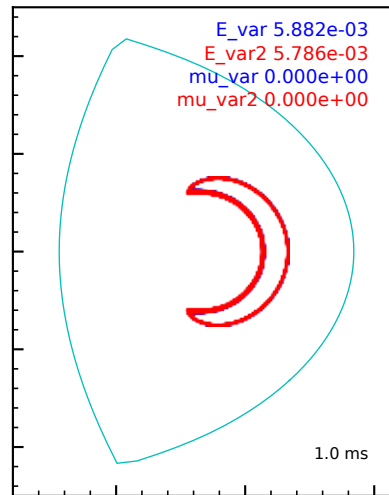
112 1 1.900 0.340 0.37695



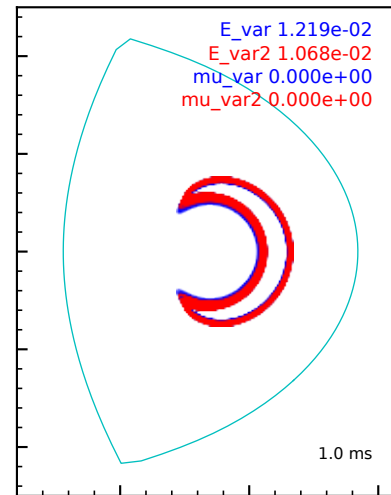
113 1 1.900 0.370 0.19632



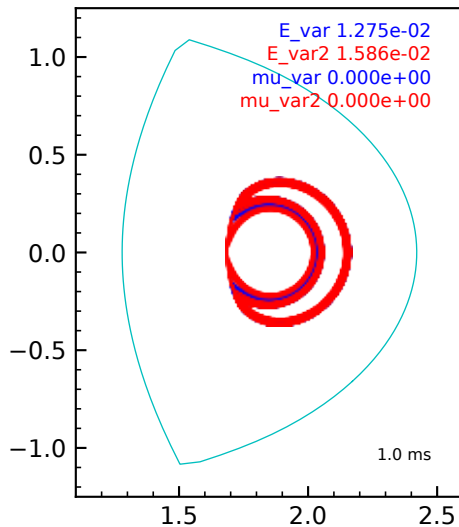
114 1 1.900 0.370 0.22644



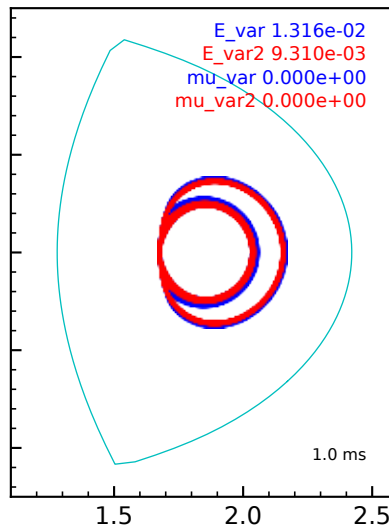
115 1 1.900 0.370 0.25652



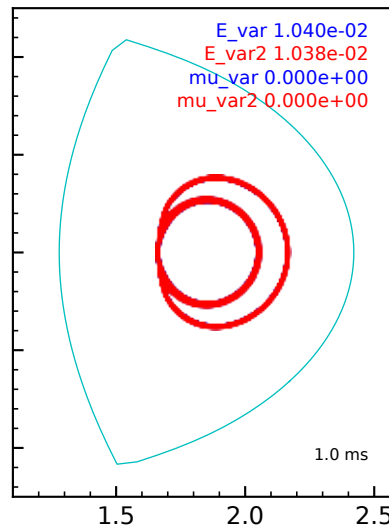
116 1 1.900 0.370 0.28657



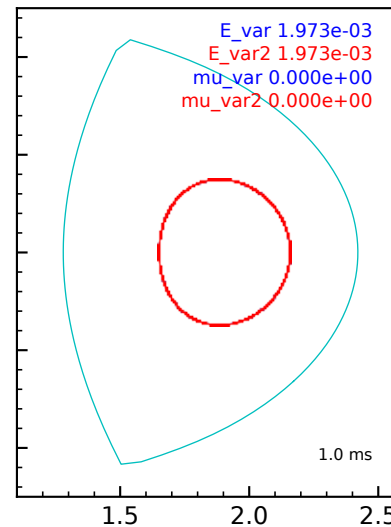
117 1 1.900 0.370 0.31659



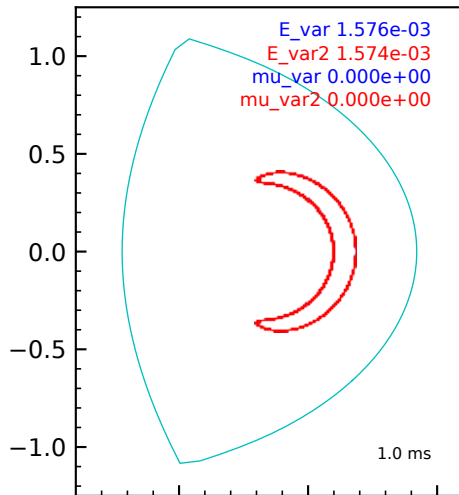
118 1 1.900 0.370 0.34657



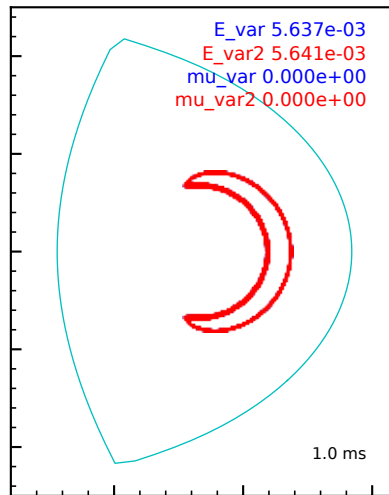
119 1 1.900 0.370 0.37651



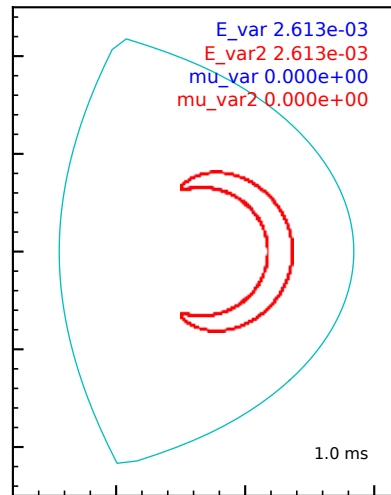
120 1 1.900 0.400 0.19579



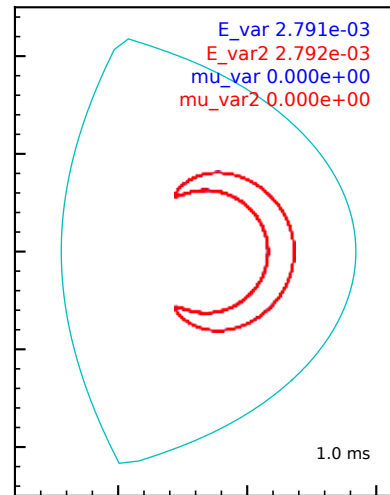
121 1 1.900 0.400 0.22591



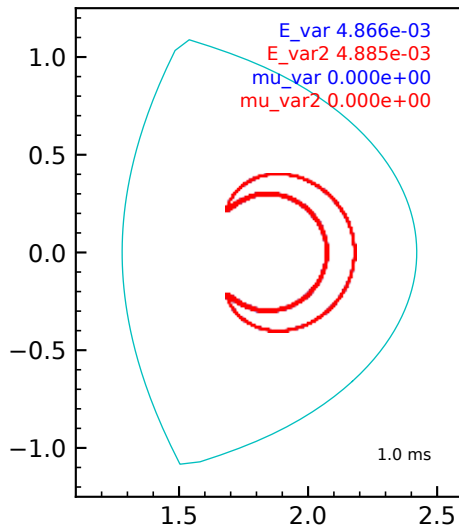
122 1 1.900 0.400 0.25600



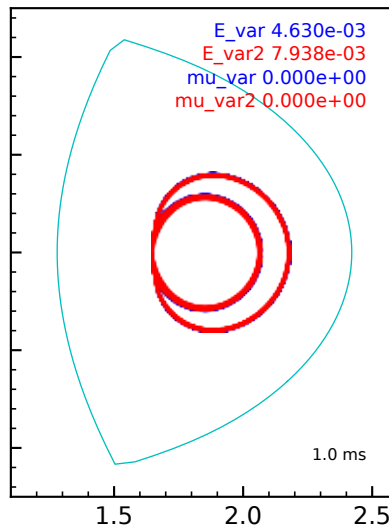
123 1 1.900 0.400 0.28605



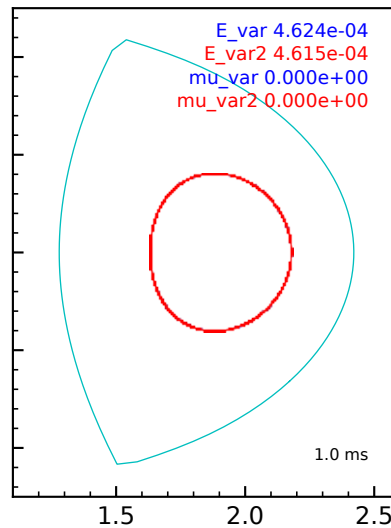
124 1 1.900 0.400 0.31608



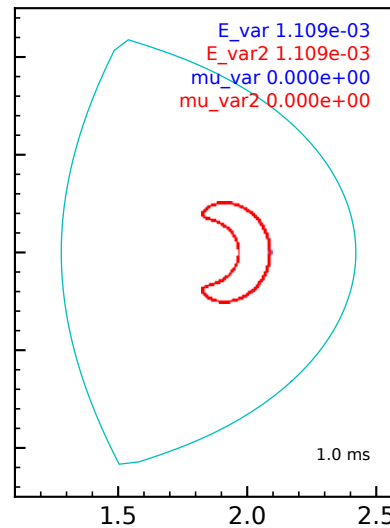
125 1 1.900 0.400 0.34606



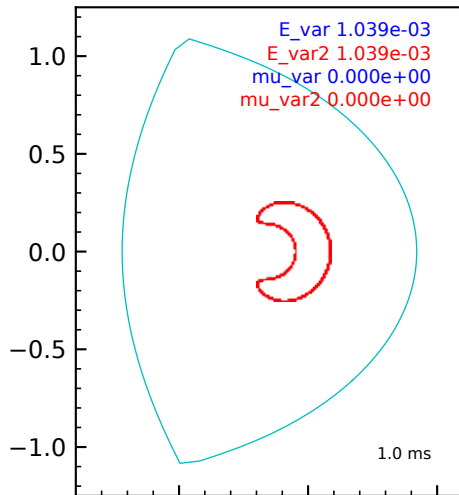
126 1 1.900 0.400 0.37601



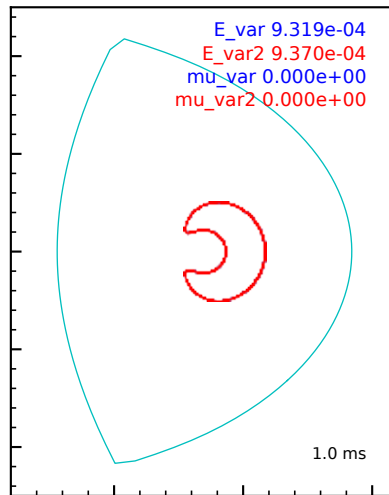
127 1 1.930 0.250 0.19801



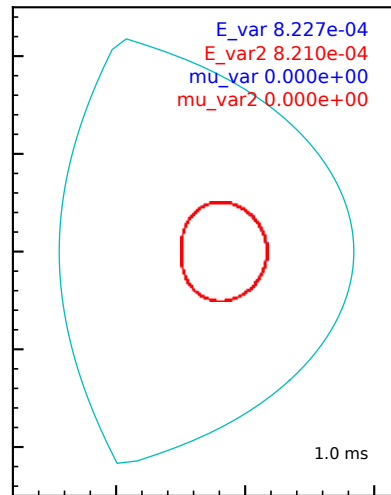
128 1 1.930 0.250 0.22812



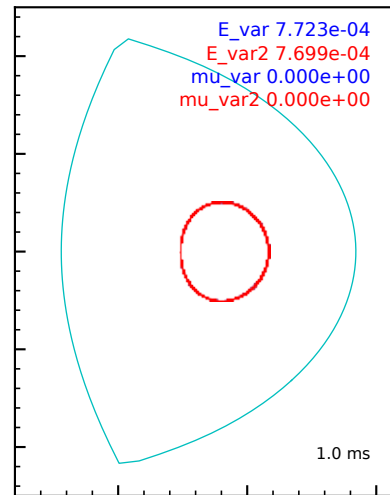
129 1 1.930 0.250 0.25818



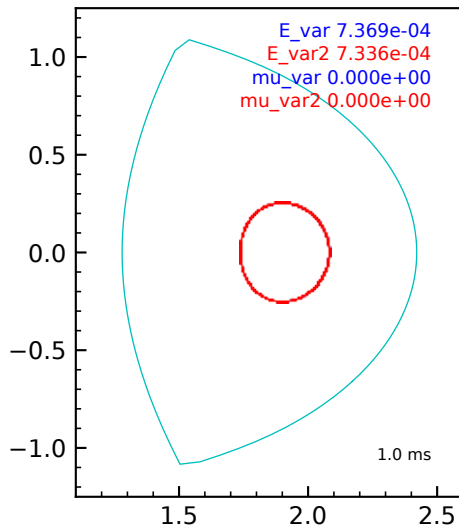
130 1 1.930 0.250 0.28821



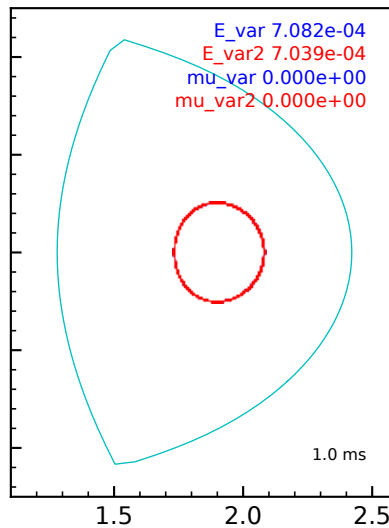
131 1 1.930 0.250 0.31820



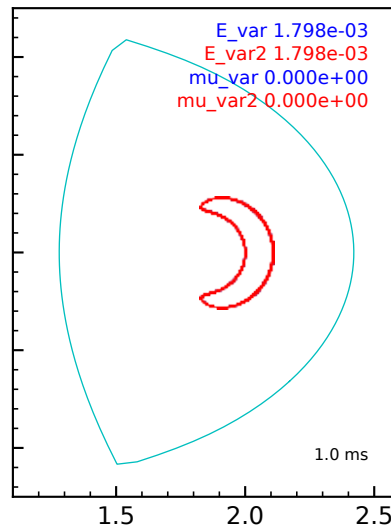
132 1 1.930 0.250 0.34815



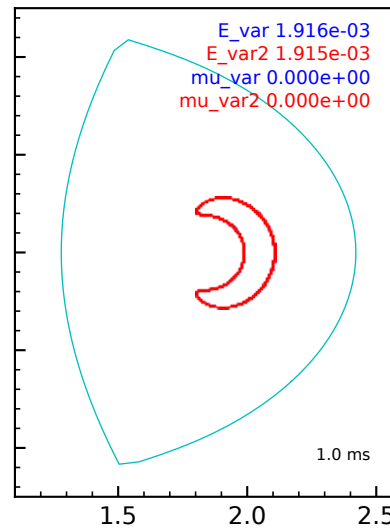
133 1 1.930 0.250 0.37806



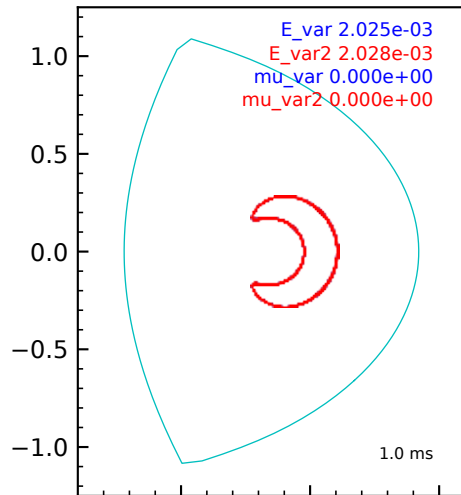
134 1 1.930 0.280 0.19773



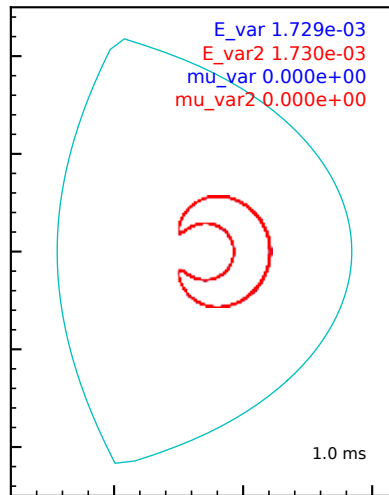
135 1 1.930 0.280 0.22783



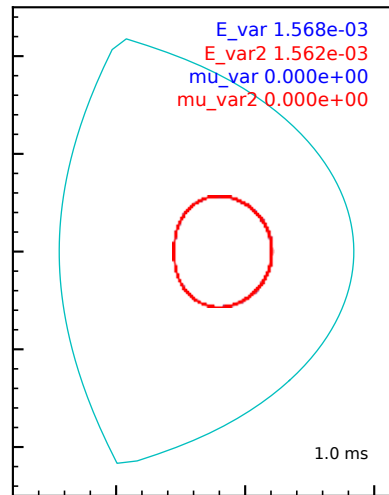
136 1 1.930 0.280 0.25790



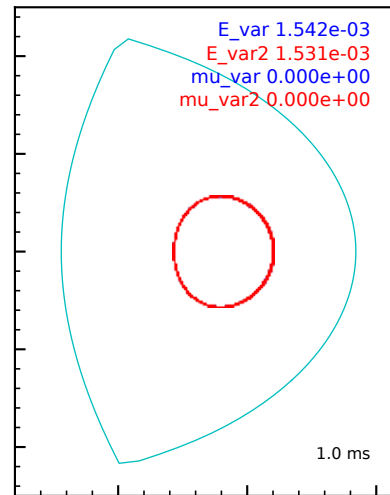
137 1 1.930 0.280 0.28793



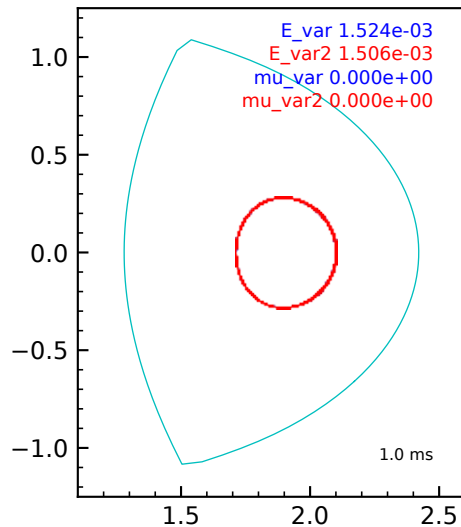
138 1 1.930 0.280 0.31792



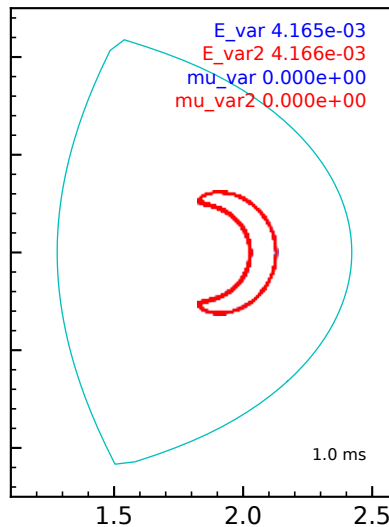
139 1 1.930 0.280 0.34787



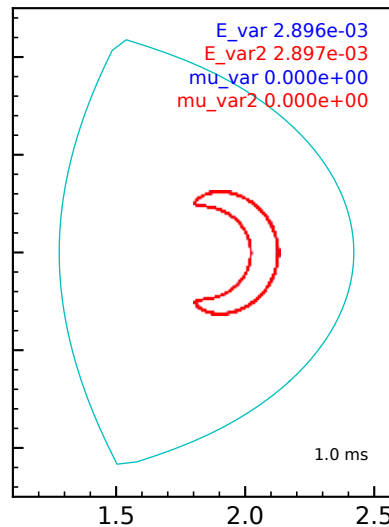
140 1 1.930 0.280 0.37778



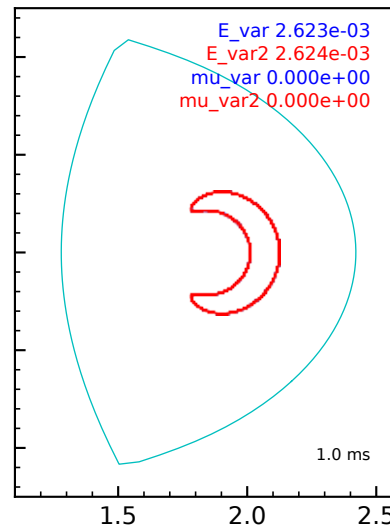
141 1 1.930 0.310 0.19739



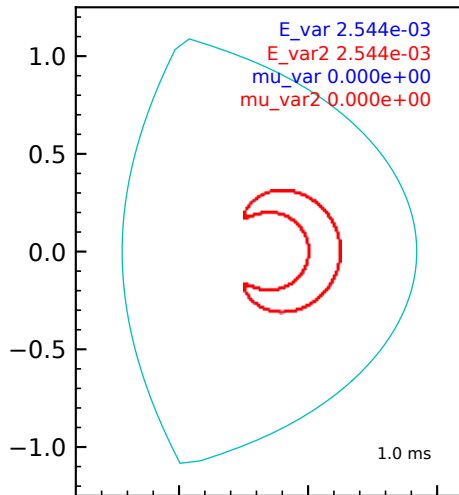
142 1 1.930 0.310 0.22749



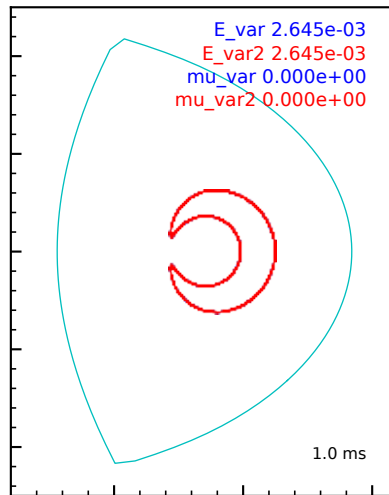
143 1 1.930 0.310 0.25755



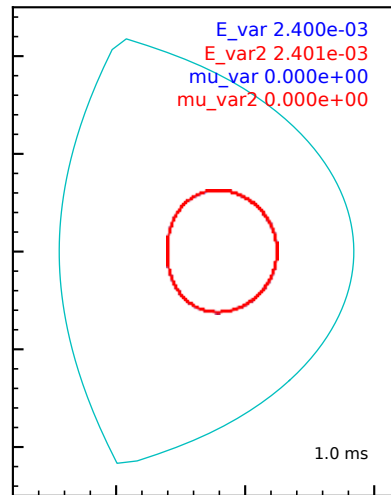
144 1 1.930 0.310 0.28758



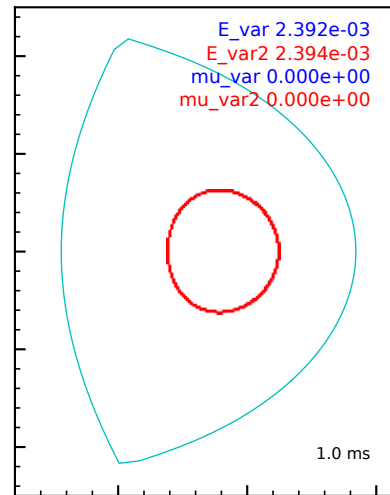
145 1 1.930 0.310 0.31757



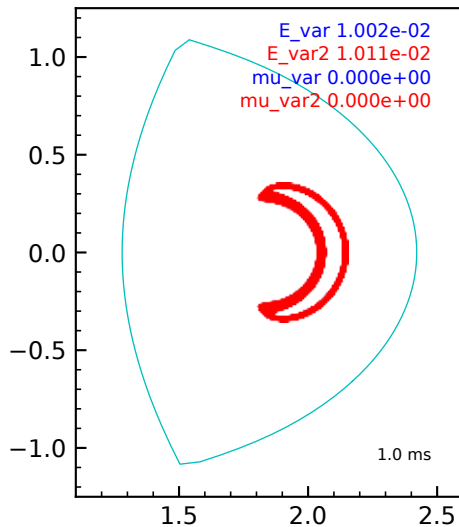
146 1 1.930 0.310 0.34753



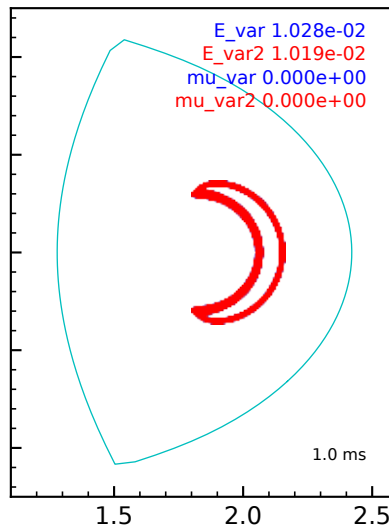
147 1 1.930 0.310 0.37744



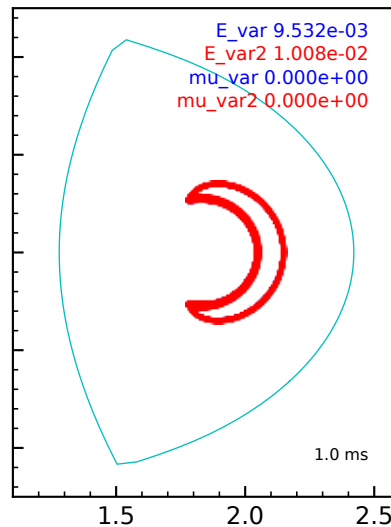
148 1 1.930 0.340 0.19697



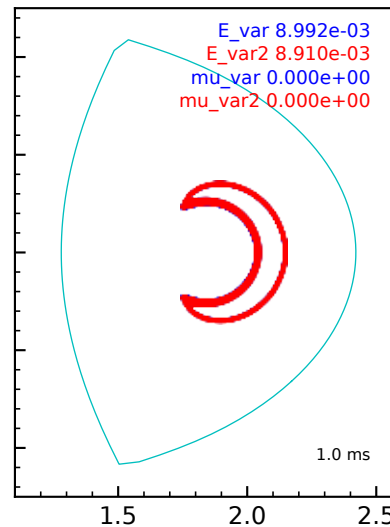
149 1 1.930 0.340 0.22707



150 1 1.930 0.340 0.25713

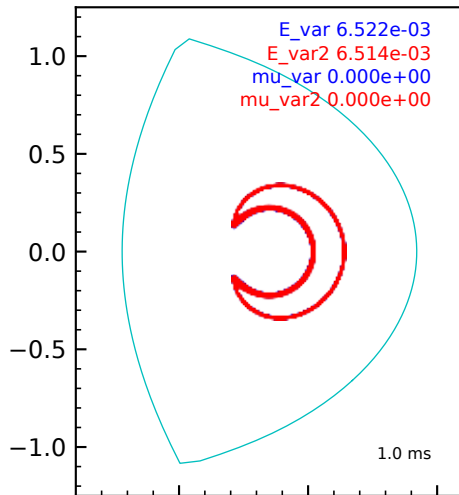


151 1 1.930 0.340 0.28716

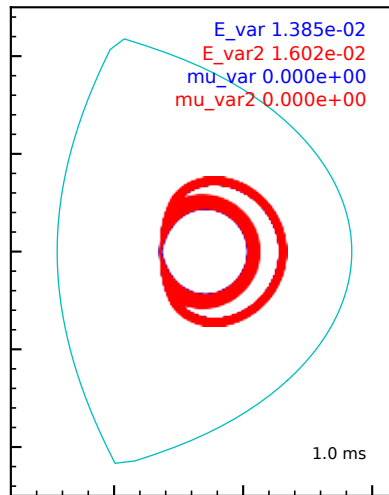




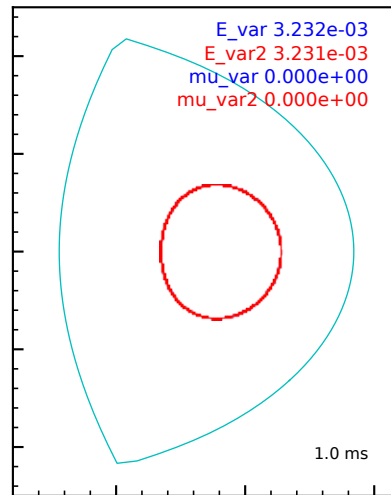
152 1 1.930 0.340 0.31716



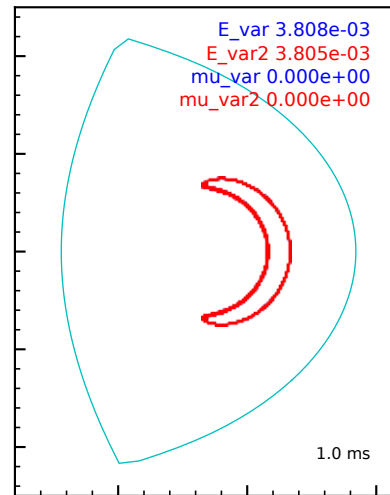
153 1 1.930 0.340 0.34712



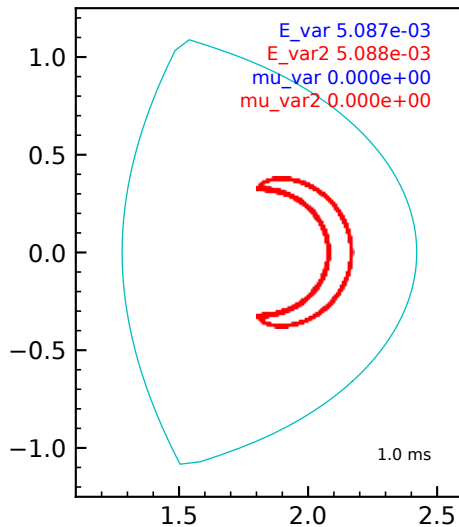
154 1 1.930 0.340 0.37704



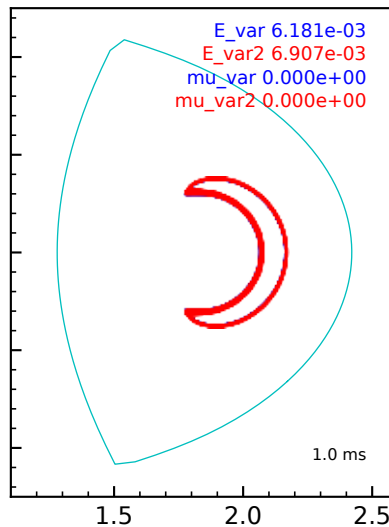
155 1 1.930 0.370 0.19647



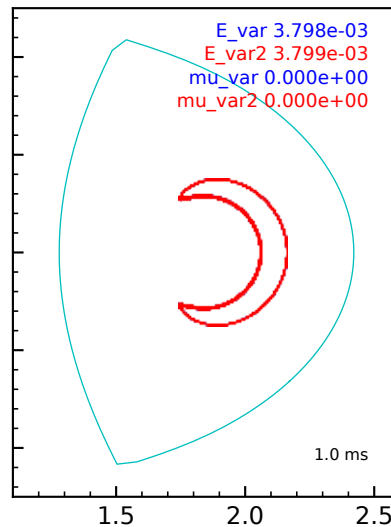
156 1 1.930 0.370 0.22658



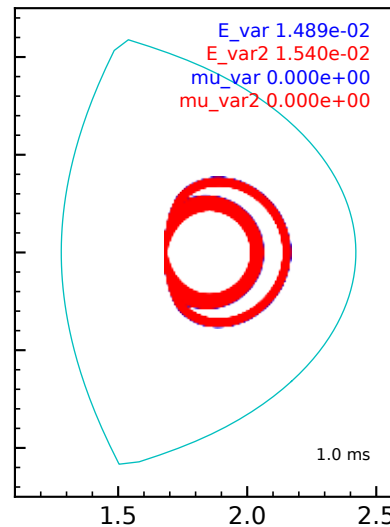
157 1 1.930 0.370 0.25664



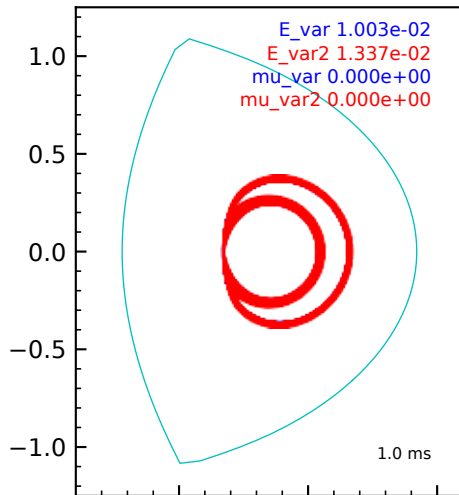
158 1 1.930 0.370 0.28668



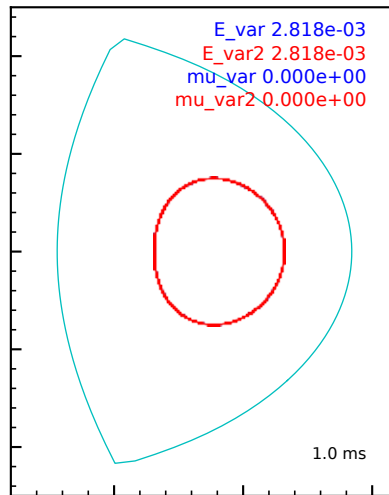
159 1 1.930 0.370 0.31668



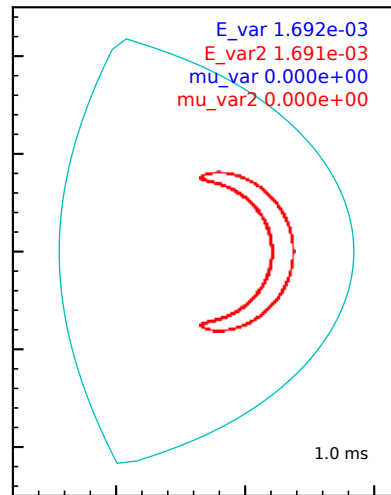
160 1 1.930 0.370 0.34664



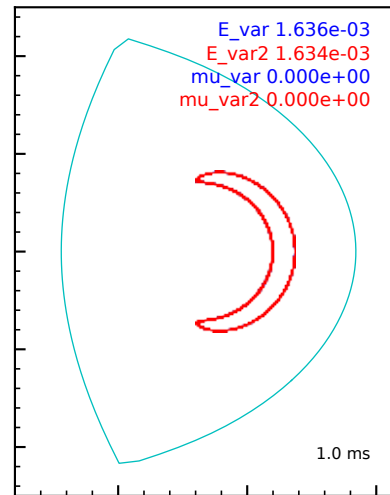
161 1 1.930 0.370 0.37657



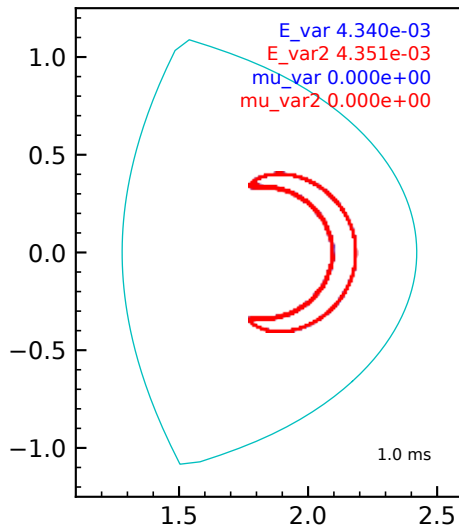
162 1 1.930 0.400 0.19590



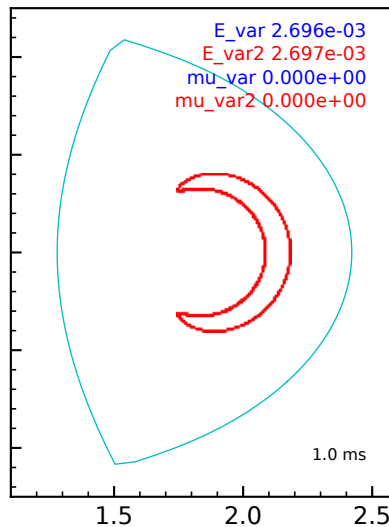
163 1 1.930 0.400 0.22601



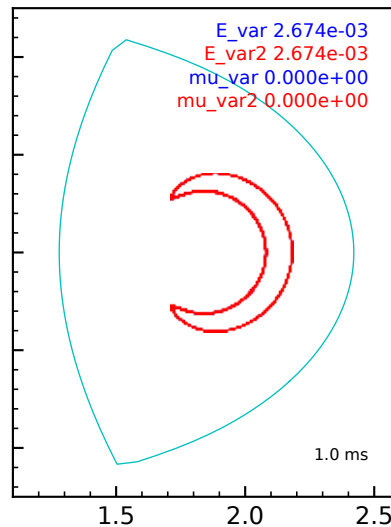
164 1 1.930 0.400 0.25608



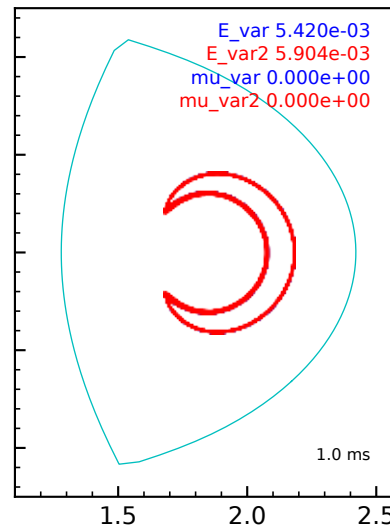
165 1 1.930 0.400 0.28612



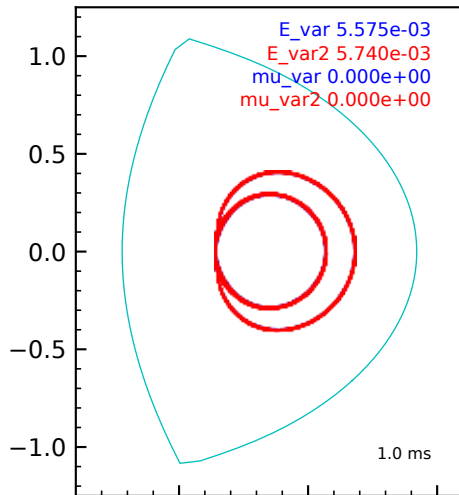
166 1 1.930 0.400 0.31613



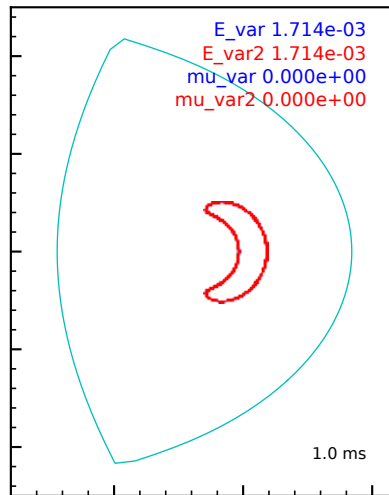
167 1 1.930 0.400 0.34610



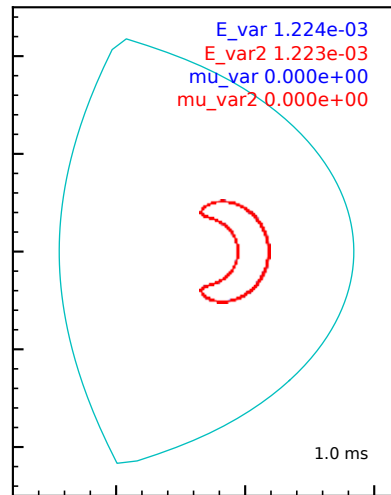
168 1 1.930 0.400 0.37604



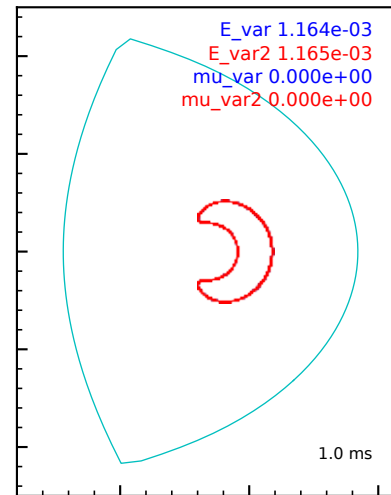
169 1 1.960 0.250 0.19820



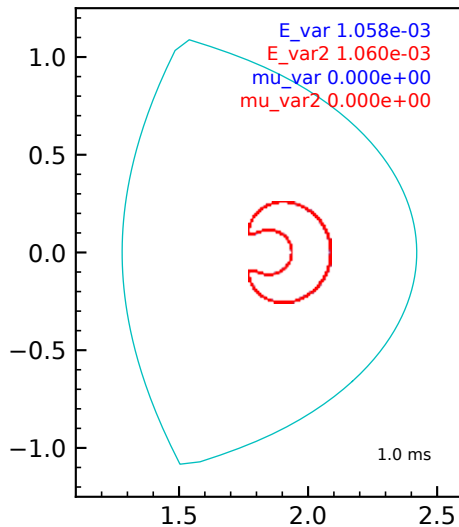
170 1 1.960 0.250 0.22828



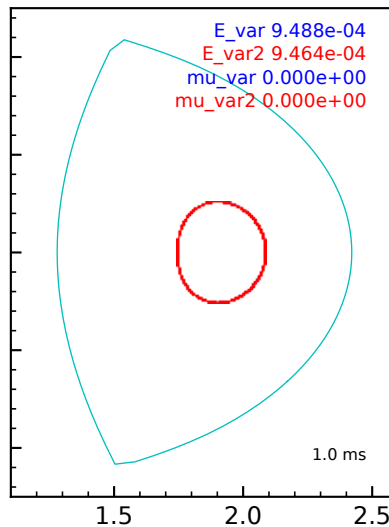
171 1 1.960 0.250 0.25833



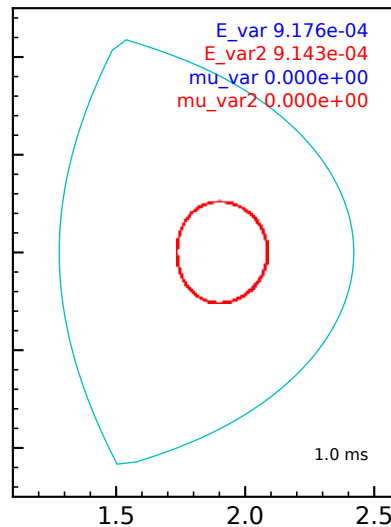
172 1 1.960 0.250 0.28834



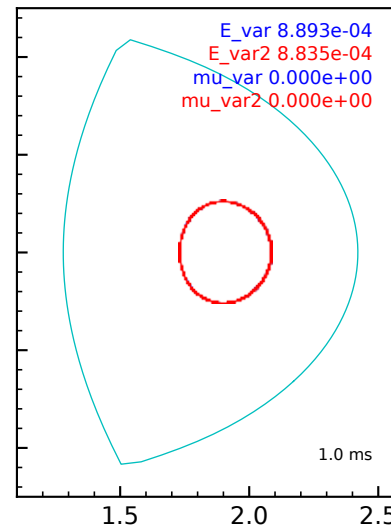
173 1 1.960 0.250 0.31831



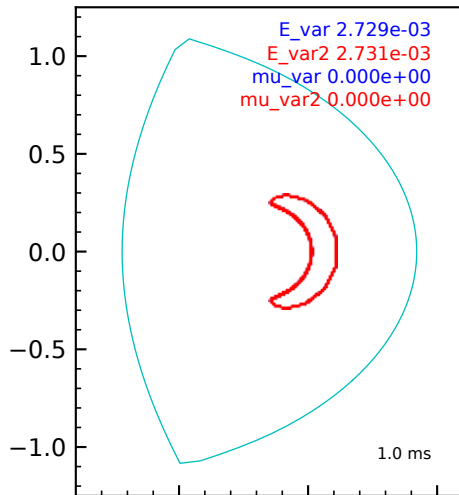
174 1 1.960 0.250 0.34824



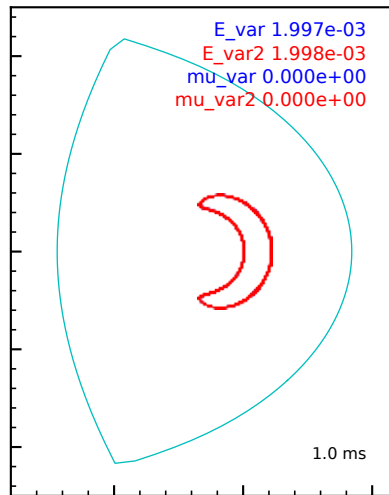
175 1 1.960 0.250 0.37813



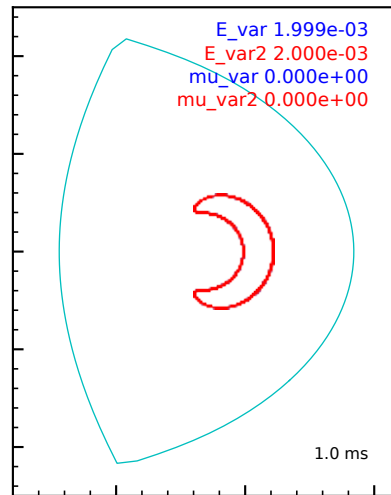
176 1 1.960 0.280 0.19788



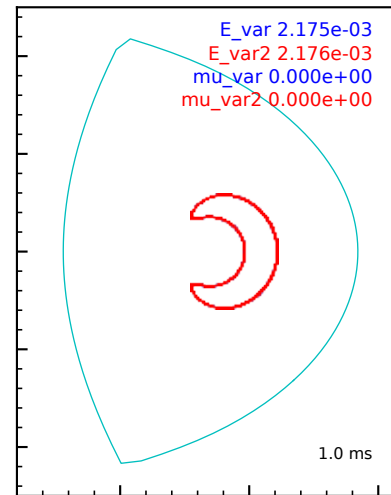
177 1 1.960 0.280 0.22796



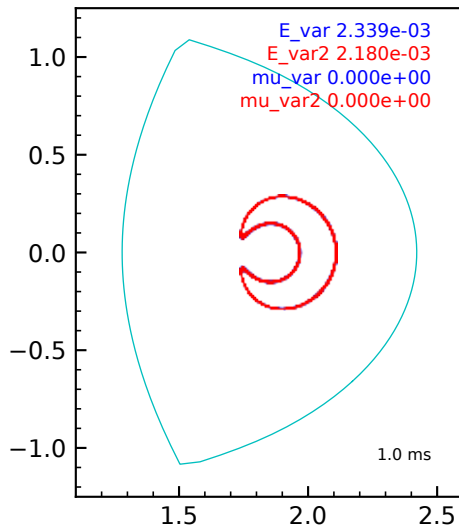
178 1 1.960 0.280 0.25801



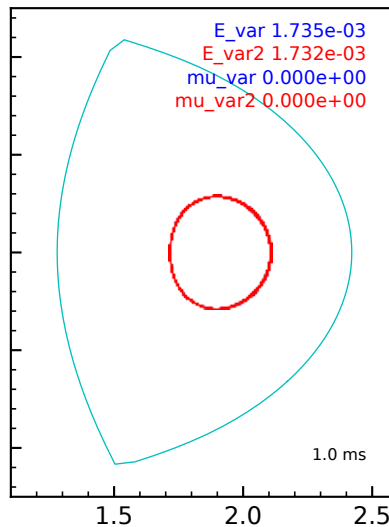
179 1 1.960 0.280 0.28802



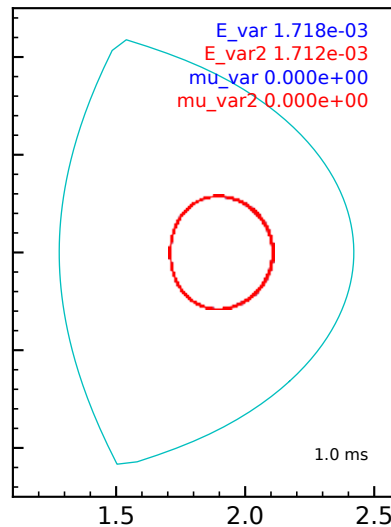
180 1 1.960 0.280 0.31799



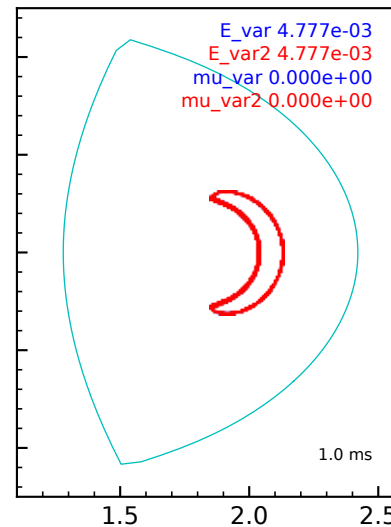
181 1 1.960 0.280 0.34792



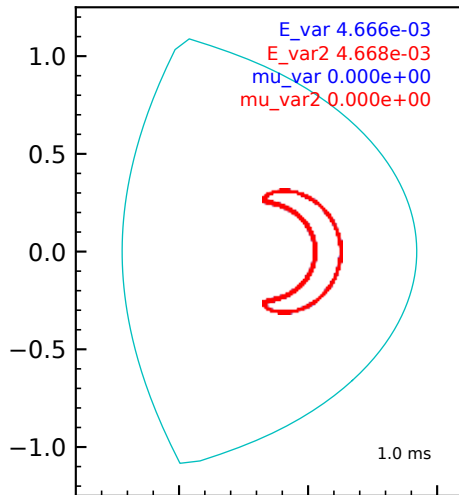
182 1 1.960 0.280 0.37782



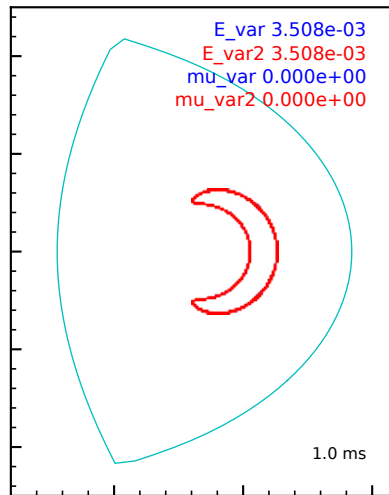
183 1 1.960 0.310 0.19749



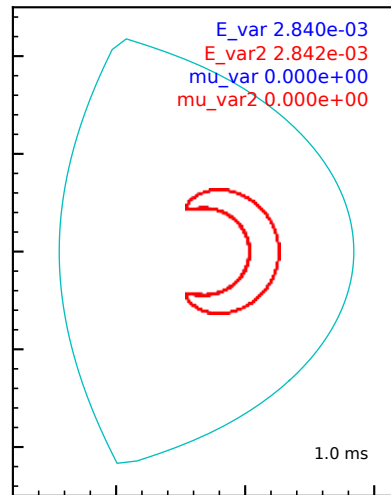
184 1 1.960 0.310 0.22757



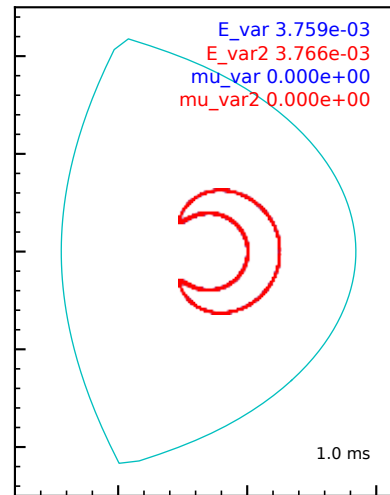
185 1 1.960 0.310 0.25762



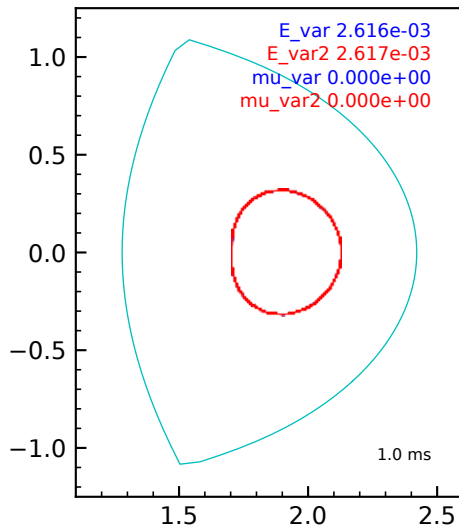
186 1 1.960 0.310 0.28763



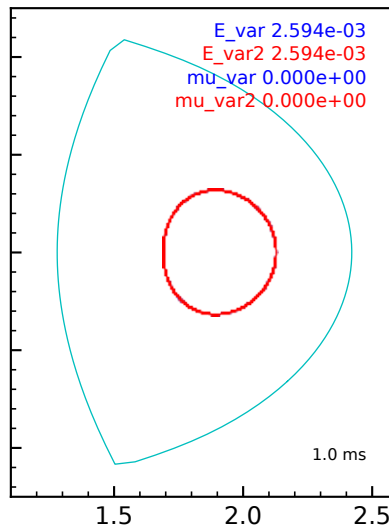
187 1 1.960 0.310 0.31760



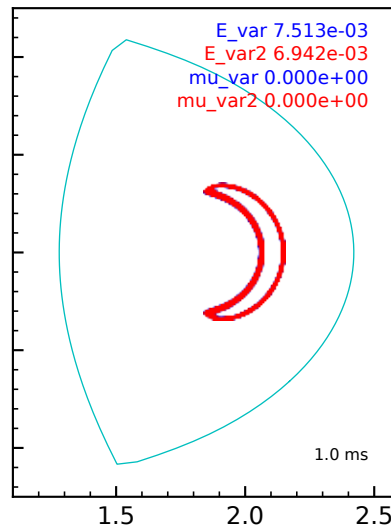
188 1 1.960 0.310 0.34754



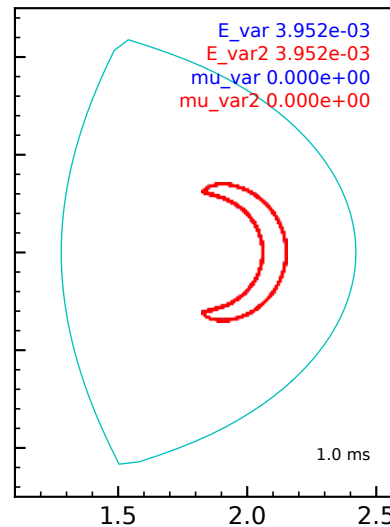
189 1 1.960 0.310 0.37744



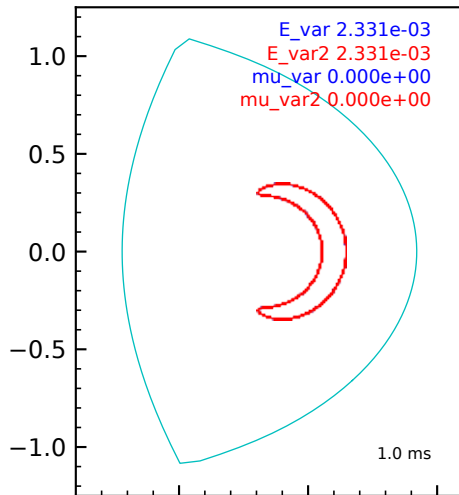
190 1 1.960 0.340 0.19702



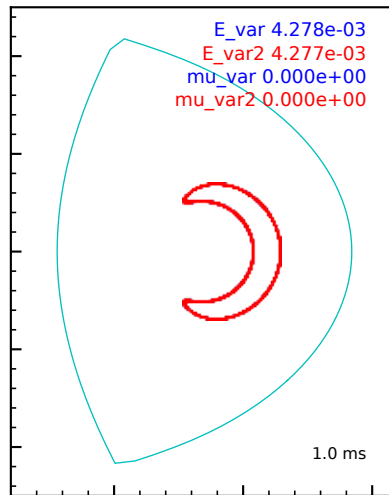
191 1 1.960 0.340 0.22710



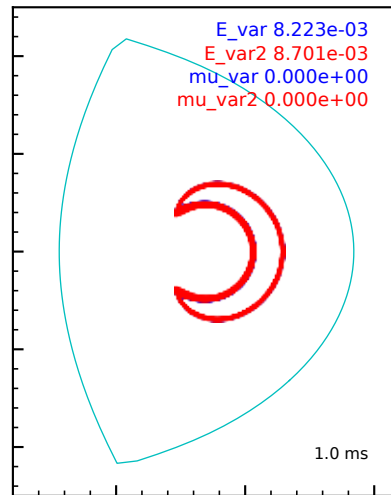
192 1 1.960 0.340 0.25715



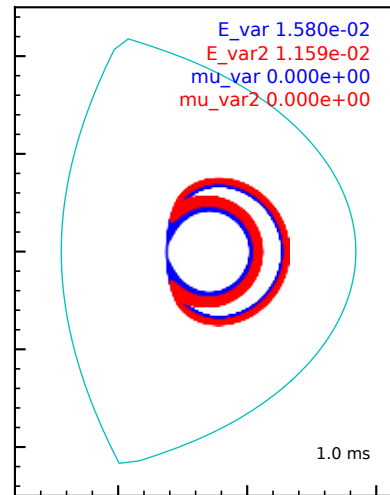
193 1 1.960 0.340 0.28717



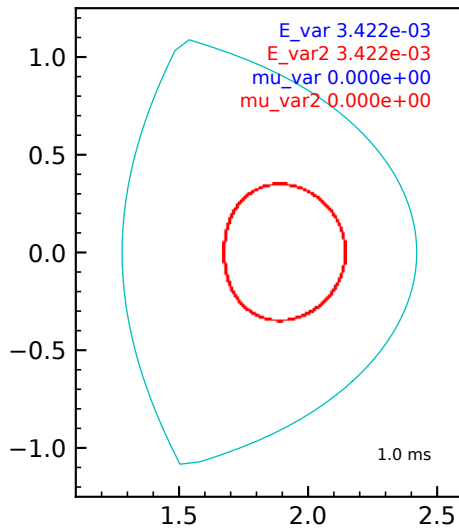
194 1 1.960 0.340 0.31715



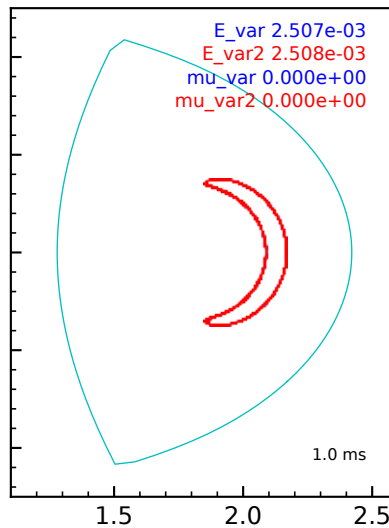
195 1 1.960 0.340 0.34709



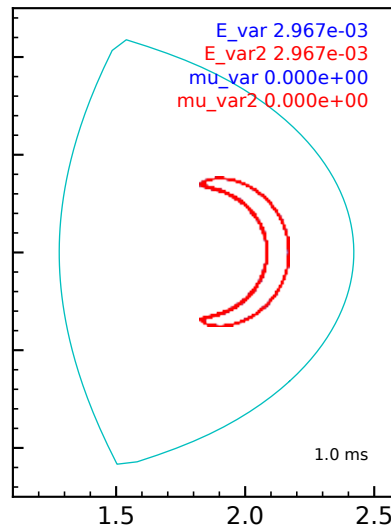
196 1 1.960 0.340 0.37700



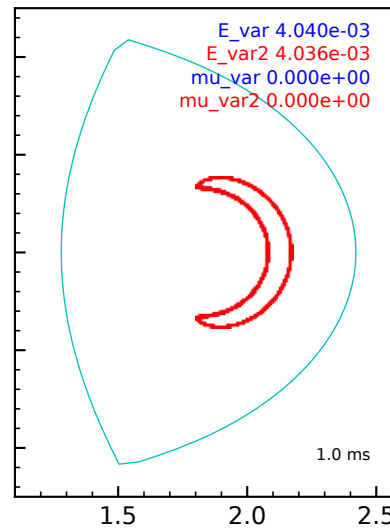
197 1 1.960 0.370 0.19647



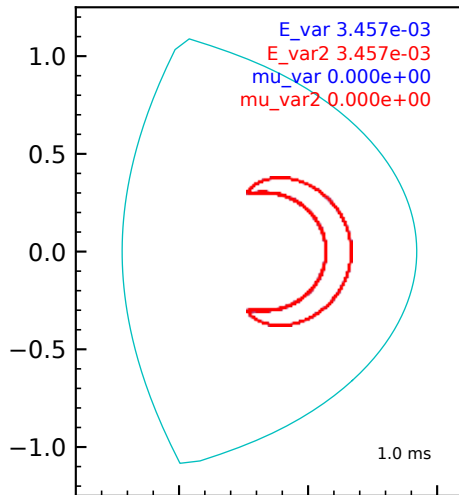
198 1 1.960 0.370 0.22656



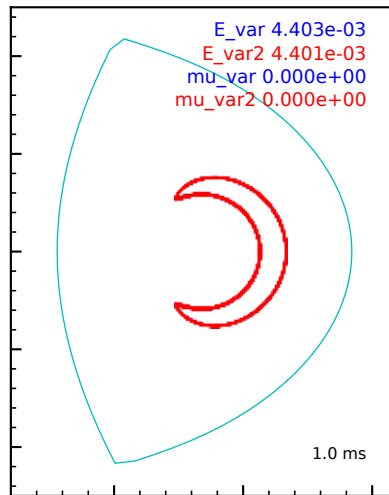
199 1 1.960 0.370 0.25662



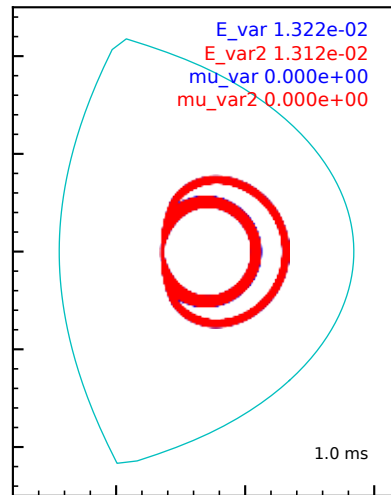
200 1 1.960 0.370 0.28664



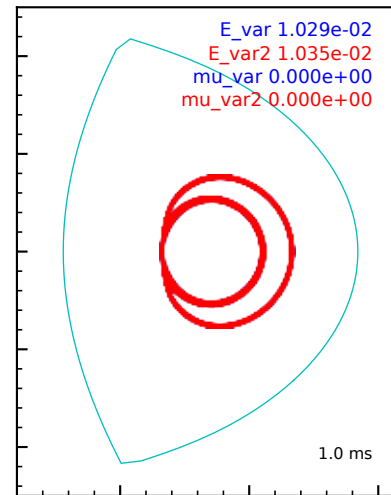
201 1 1.960 0.370 0.31662



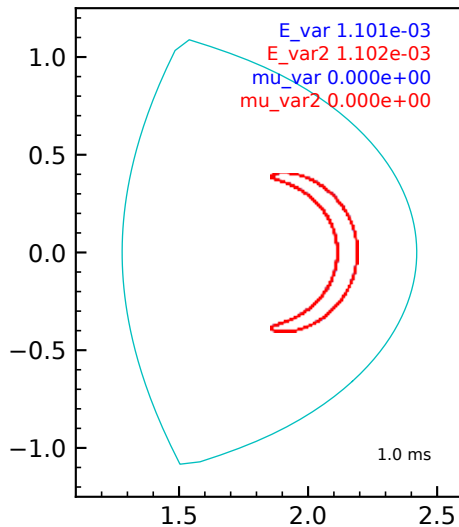
202 1 1.960 0.370 0.34658



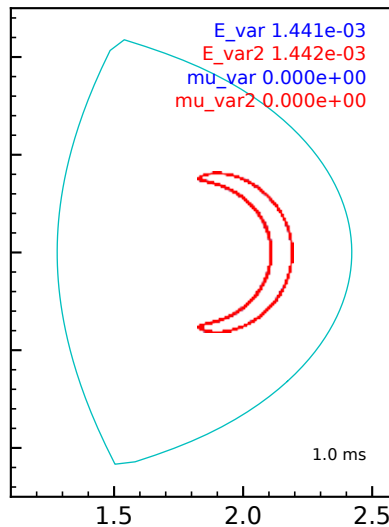
203 1 1.960 0.370 0.37649



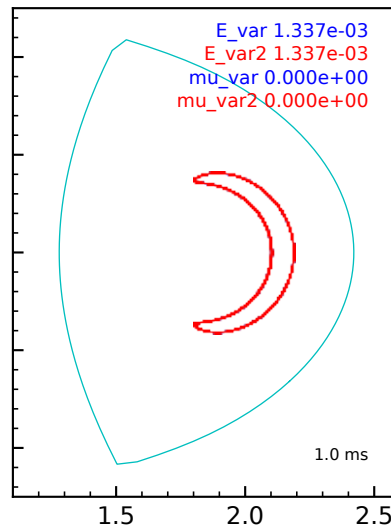
204 1 1.960 0.400 0.19585



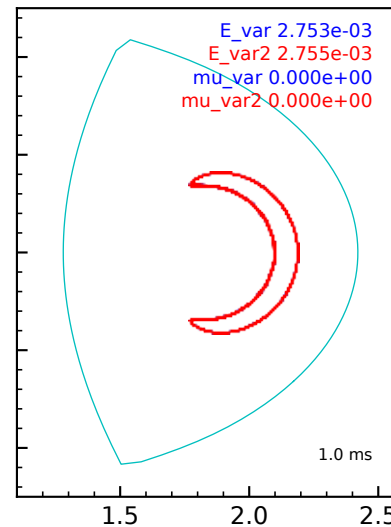
205 1 1.960 0.400 0.22594



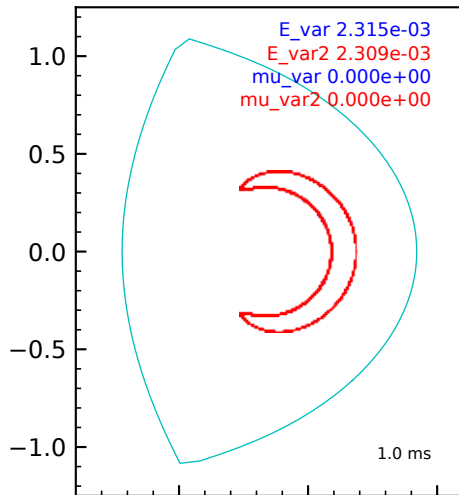
206 1 1.960 0.400 0.25600



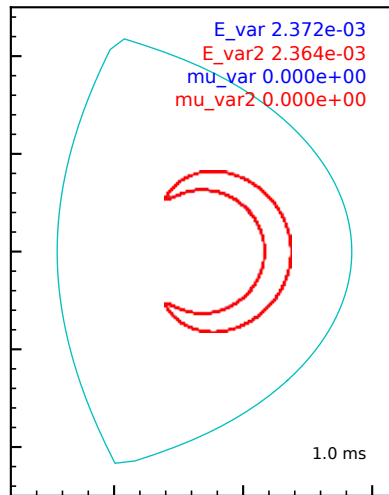
207 1 1.960 0.400 0.28603



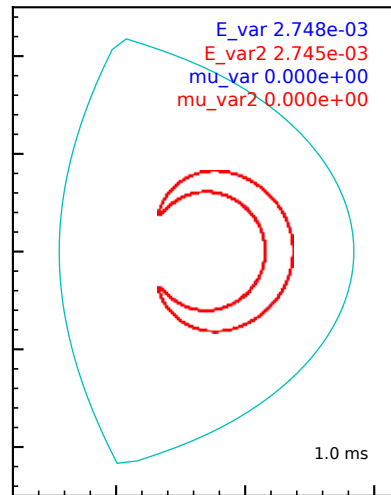
208 1 1.960 0.400 0.31603



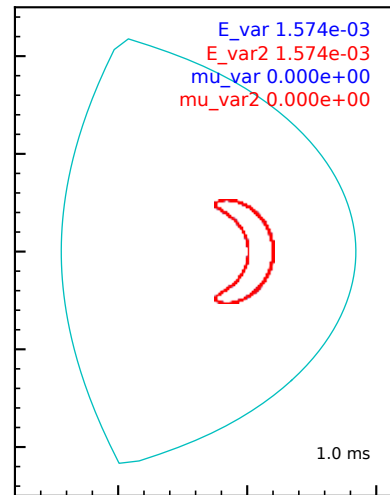
209 1 1.960 0.400 0.34599



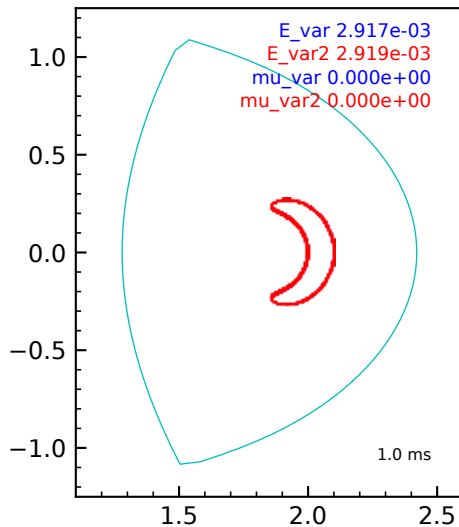
210 1 1.960 0.400 0.37592



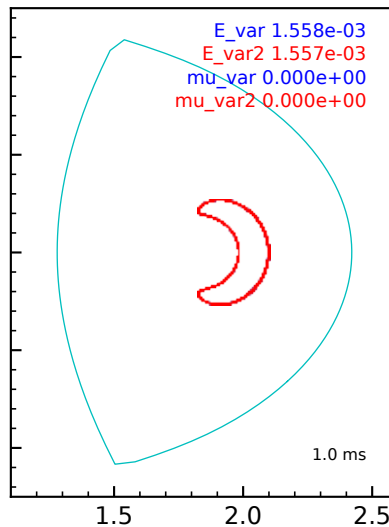
211 1 1.990 0.250 0.19825



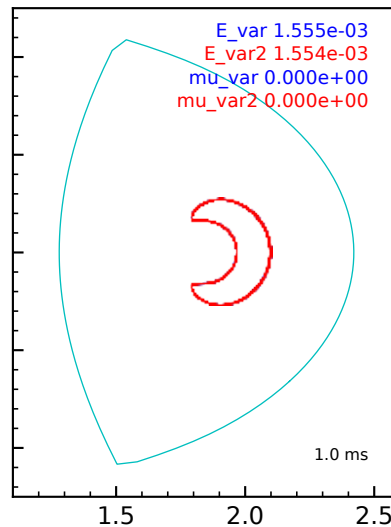
212 1 1.990 0.250 0.22831



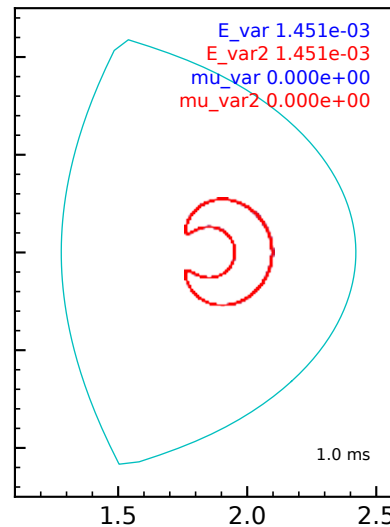
213 1 1.990 0.250 0.25834



214 1 1.990 0.250 0.28833

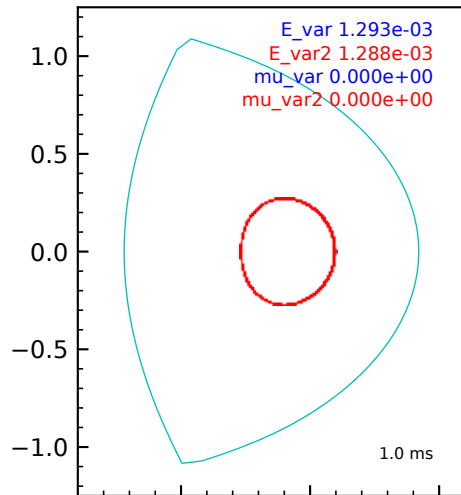


215 1 1.990 0.250 0.31829

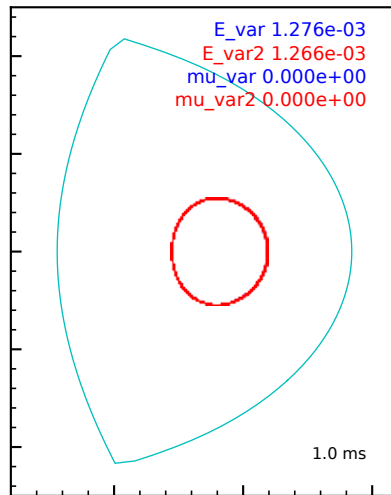




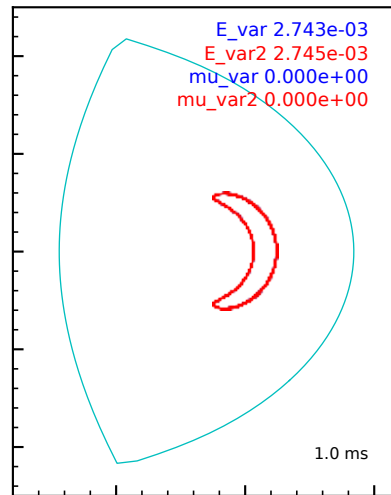
216 1 1.990 0.250 0.34820



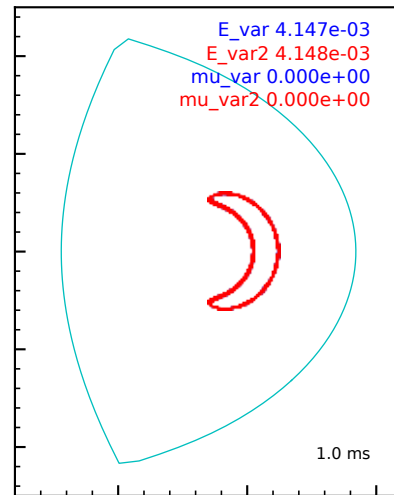
217 1 1.990 0.250 0.37808



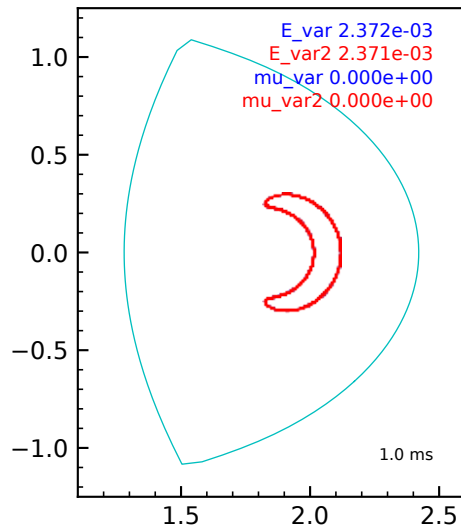
218 1 1.990 0.280 0.19787



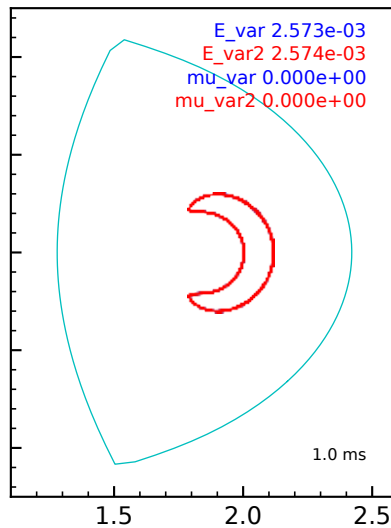
219 1 1.990 0.280 0.22794



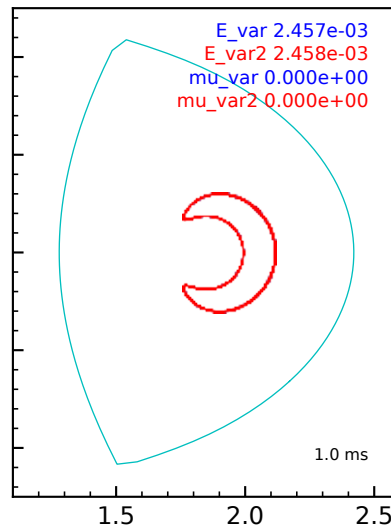
220 1 1.990 0.280 0.25797



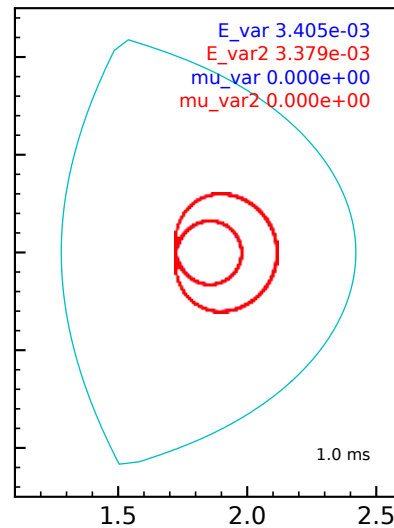
221 1 1.990 0.280 0.28797



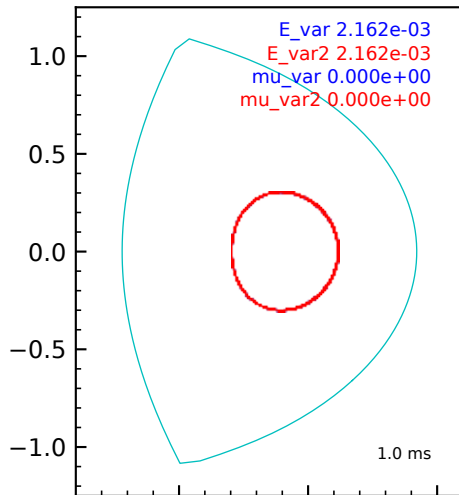
222 1 1.990 0.280 0.31792



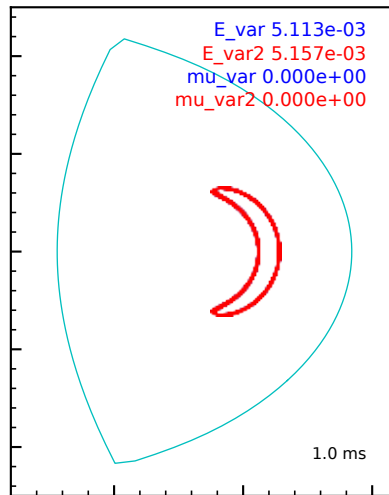
223 1 1.990 0.280 0.34784



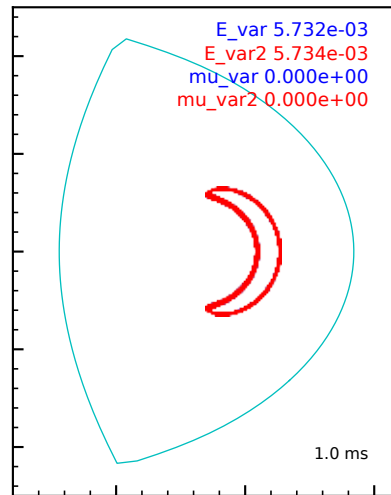
224 1 1.990 0.280 0.37772



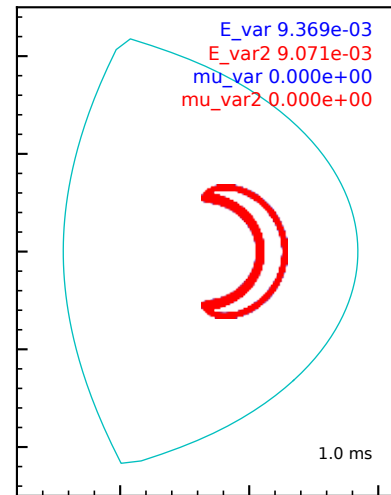
225 1 1.990 0.310 0.19743



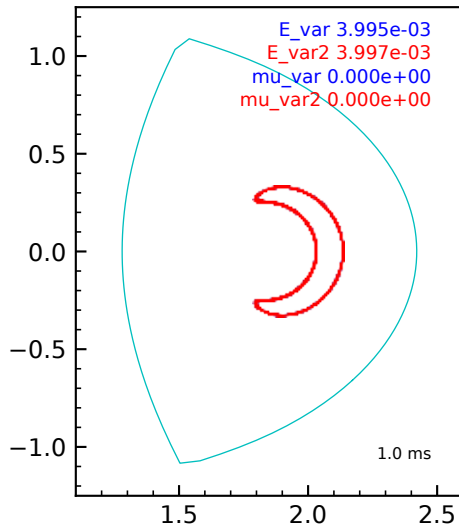
226 1 1.990 0.310 0.22749



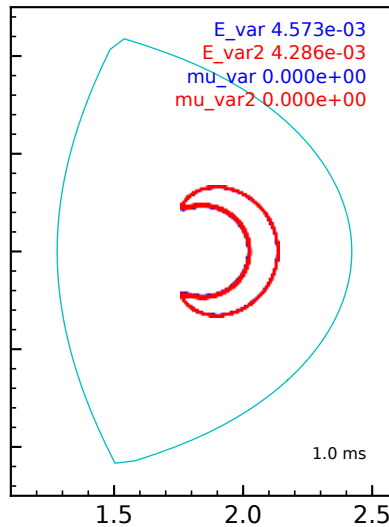
227 1 1.990 0.310 0.25753



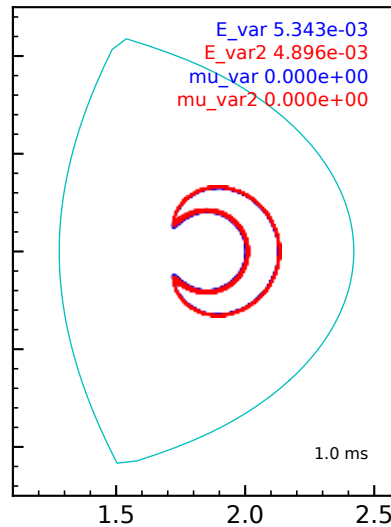
228 1 1.990 0.310 0.28753



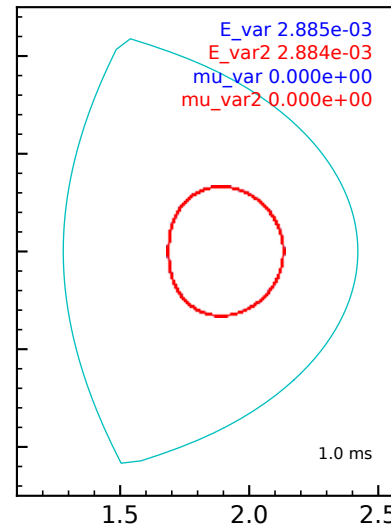
229 1 1.990 0.310 0.31749



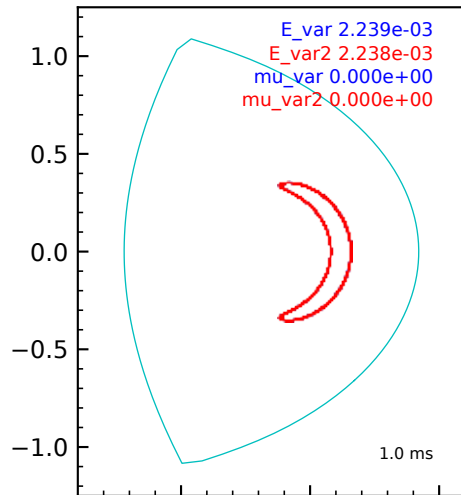
230 1 1.990 0.310 0.34741



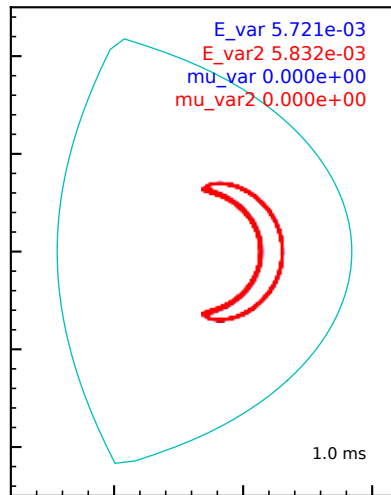
231 1 1.990 0.310 0.37730



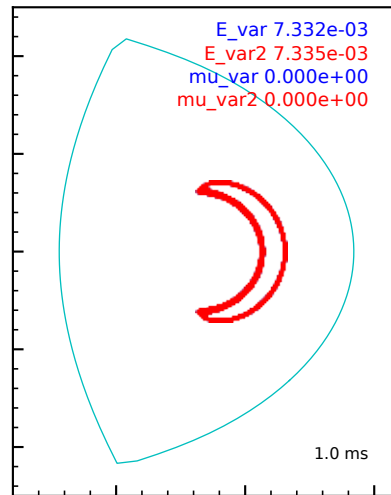
232 1 1.990 0.340 0.19690



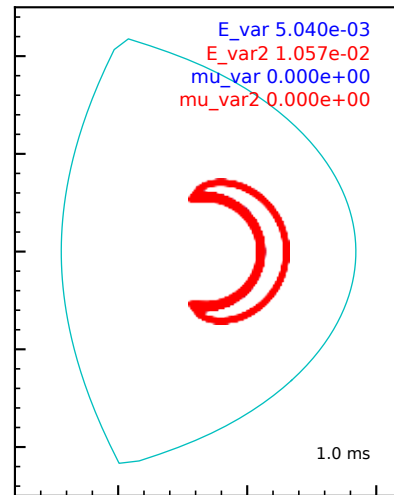
233 1 1.990 0.340 0.22697



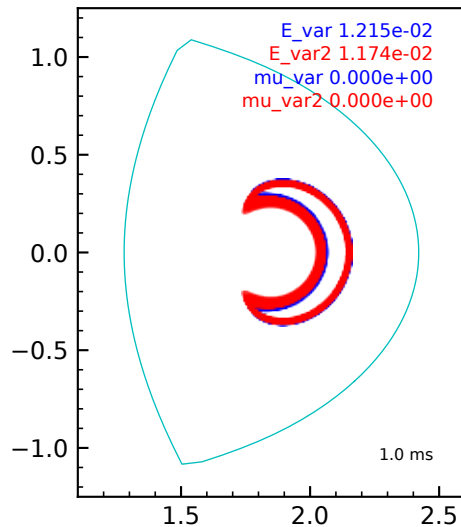
234 1 1.990 0.340 0.25701



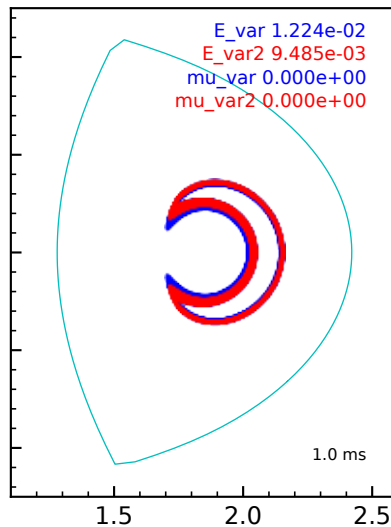
235 1 1.990 0.340 0.28701



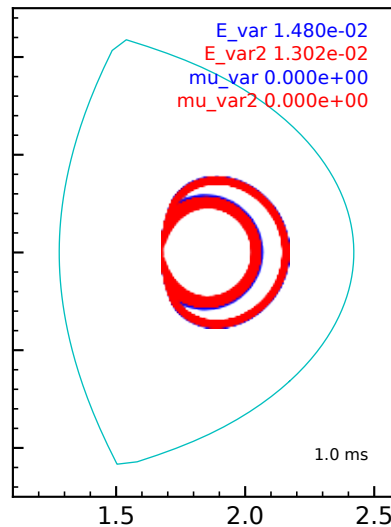
236 1 1.990 0.340 0.31698



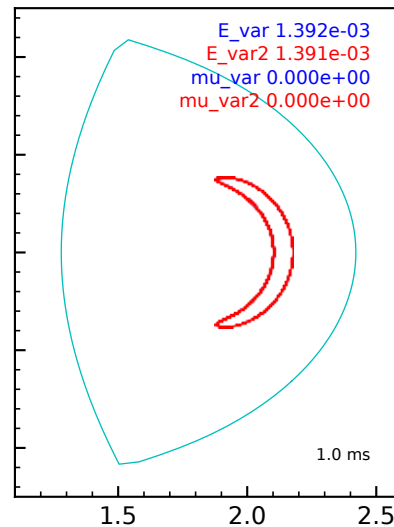
237 1 1.990 0.340 0.34691



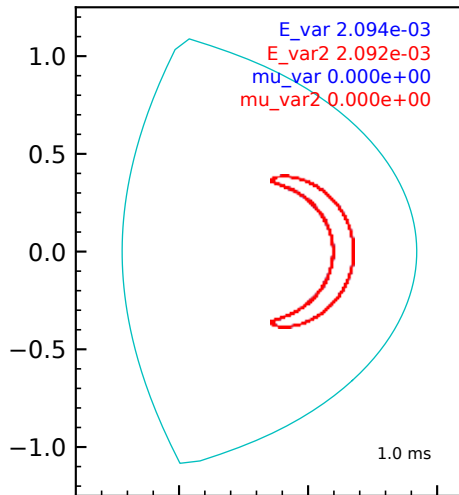
238 1 1.990 0.340 0.37681



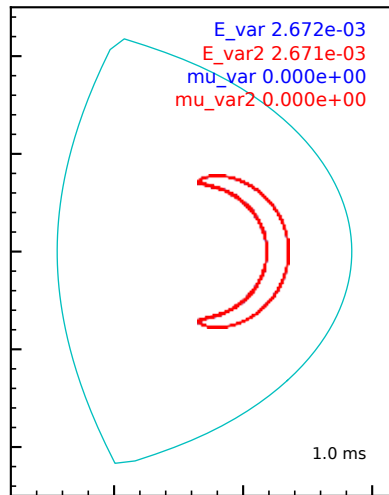
239 1 1.990 0.370 0.19629



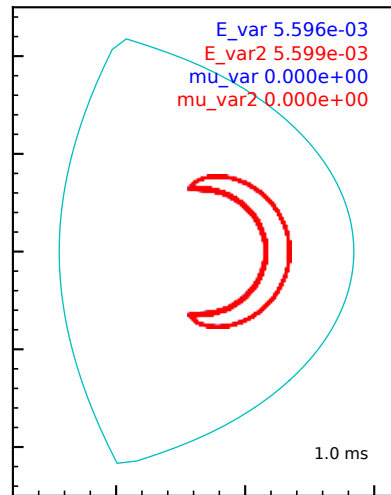
240 1 1.990 0.370 0.22637



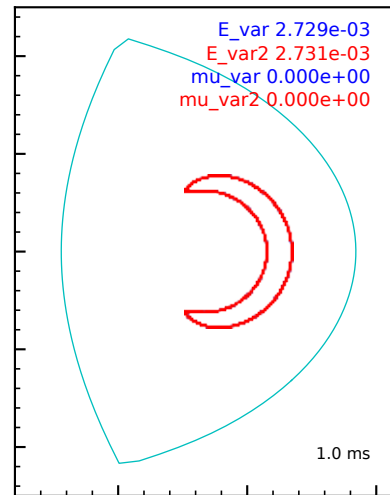
241 1 1.990 0.370 0.25641



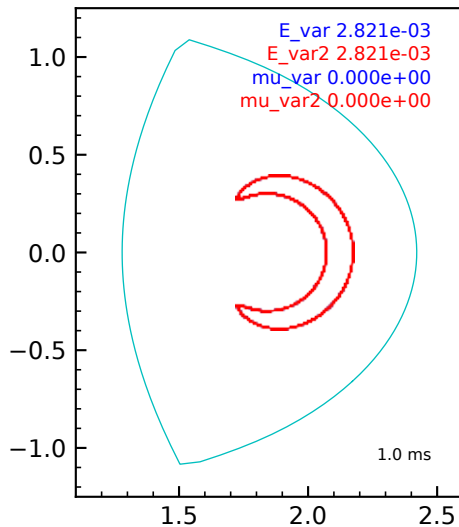
242 1 1.990 0.370 0.28643



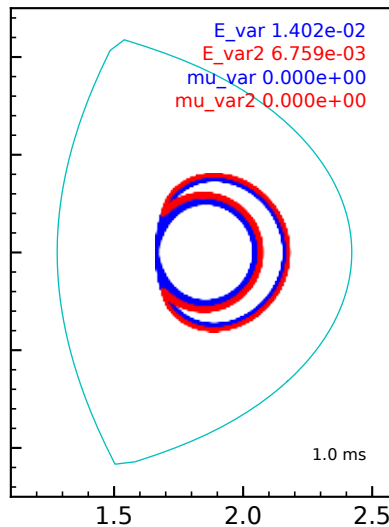
243 1 1.990 0.370 0.31640



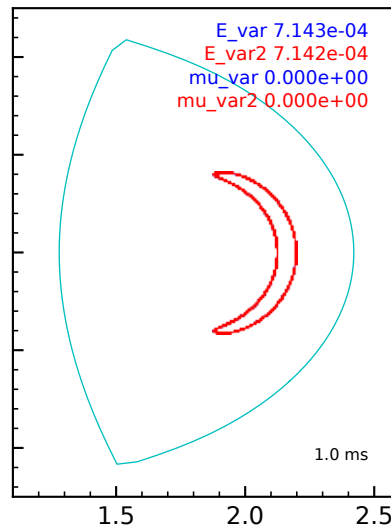
244 1 1.990 0.370 0.34635



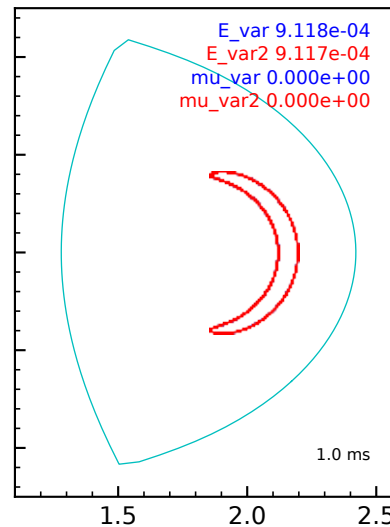
245 1 1.990 0.370 0.37625



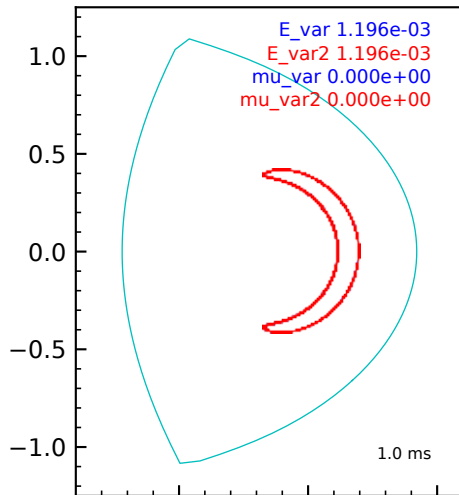
246 1 1.990 0.400 0.19561



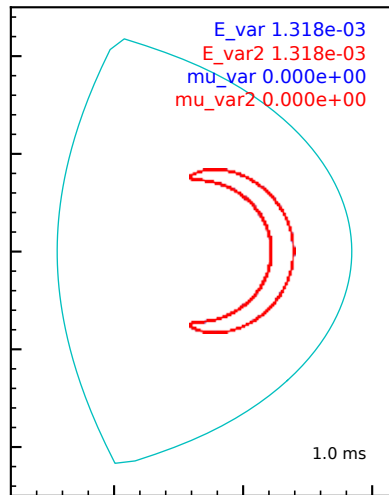
247 1 1.990 0.400 0.22569



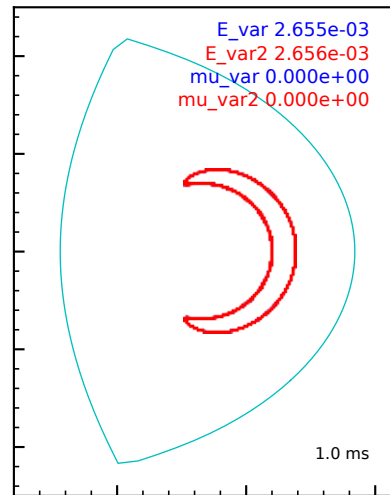
248 1 1.990 0.400 0.25575



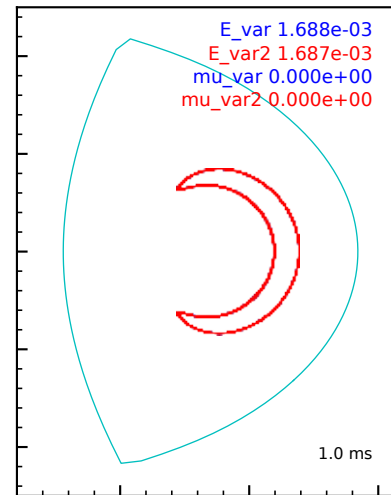
249 1 1.990 0.400 0.28577



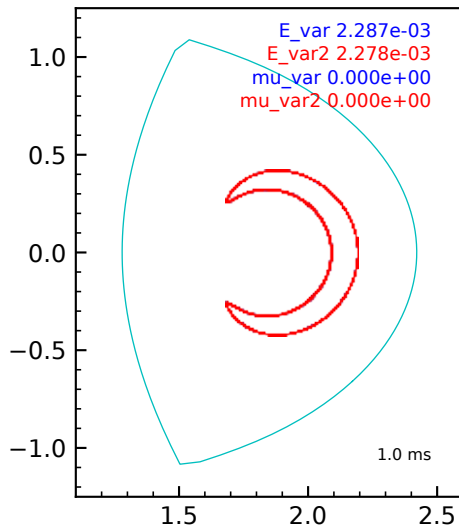
250 1 1.990 0.400 0.31576



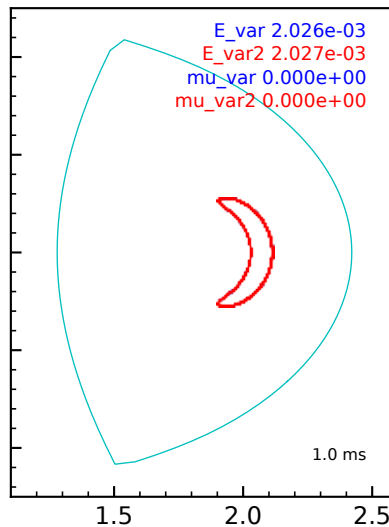
251 1 1.990 0.400 0.34571



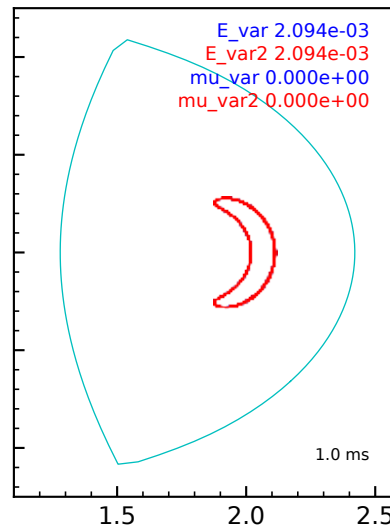
252 1 1.990 0.400 0.37563



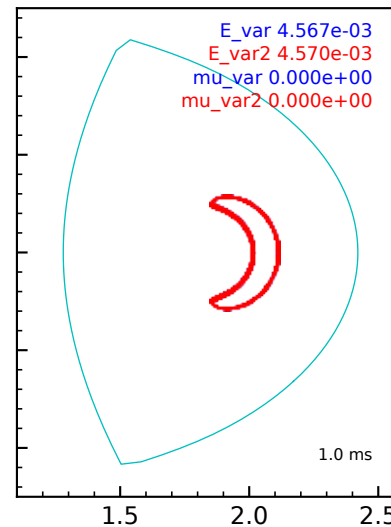
253 1 2.020 0.250 0.19812



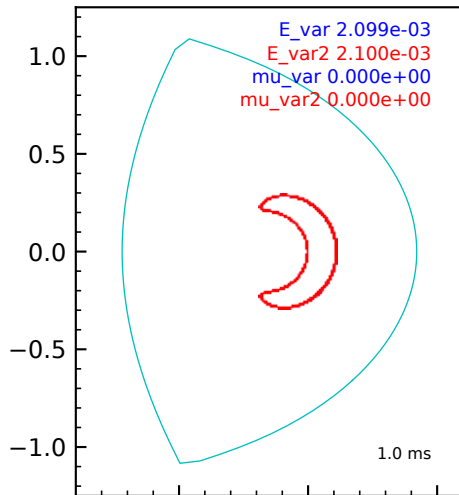
254 1 2.020 0.250 0.22817



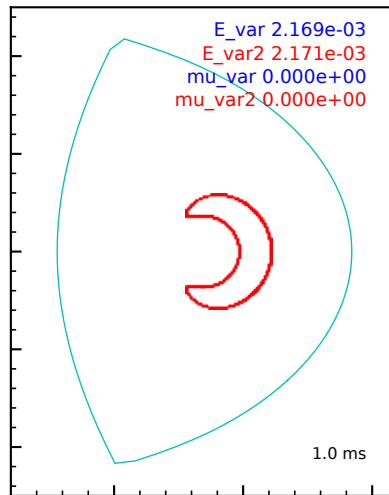
255 1 2.020 0.250 0.25819



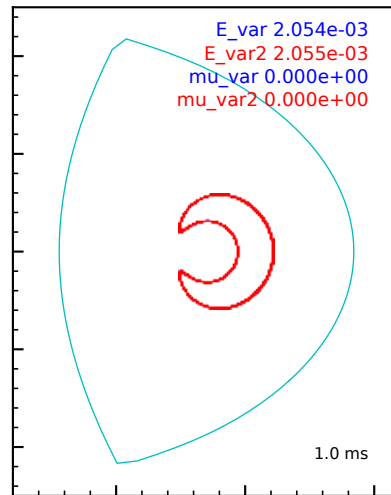
256 1 2.020 0.250 0.28817



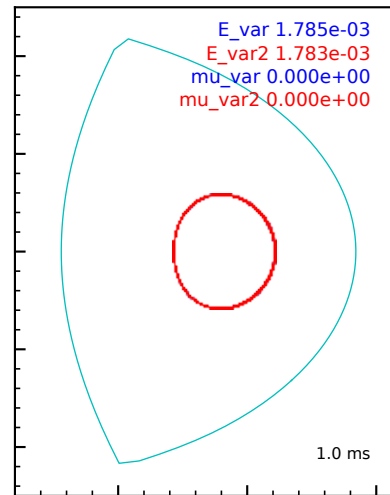
257 1 2.020 0.250 0.31811



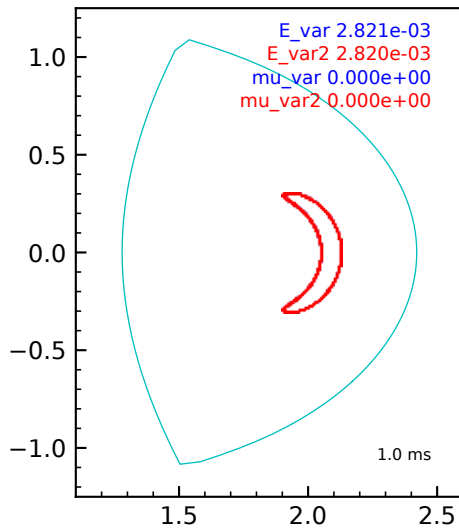
258 1 2.020 0.250 0.34801



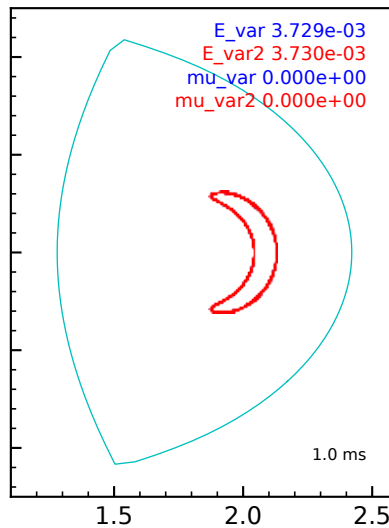
259 1 2.020 0.250 0.37787



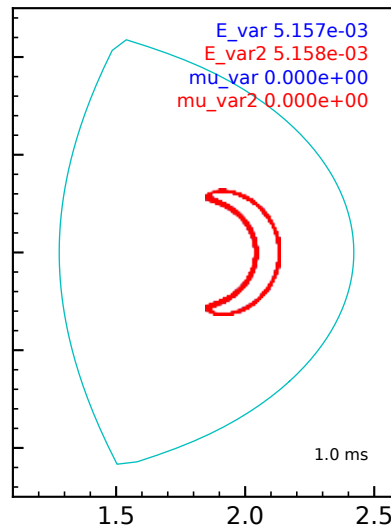
260 1 2.020 0.280 0.19769



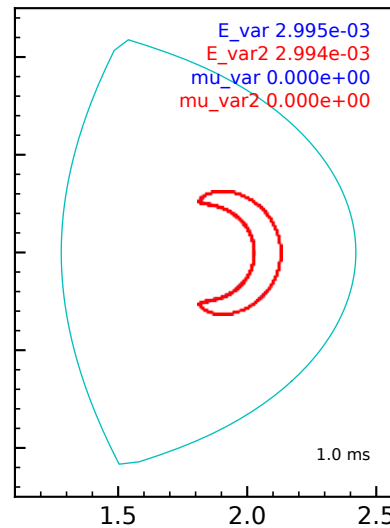
261 1 2.020 0.280 0.22774



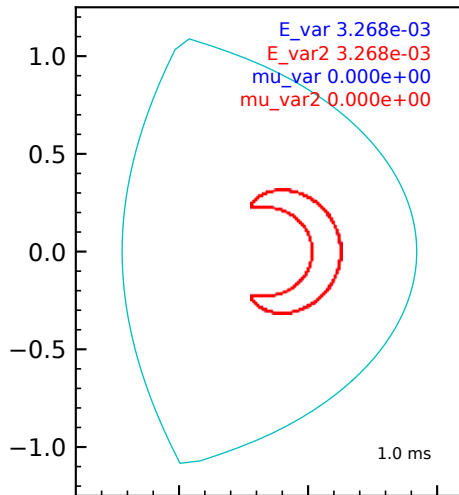
262 1 2.020 0.280 0.25776



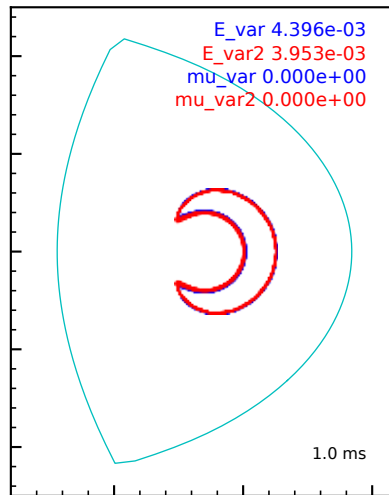
263 1 2.020 0.280 0.28774



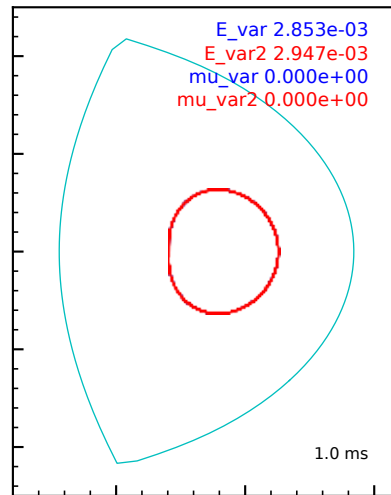
264 1 2.020 0.280 0.31769



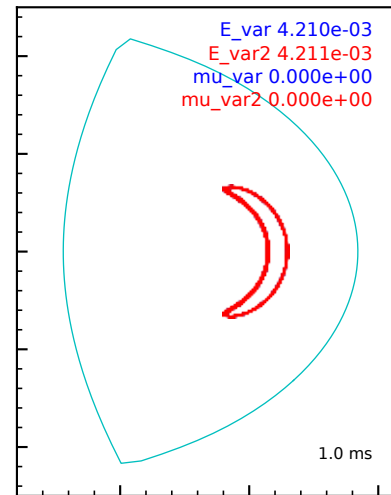
265 1 2.020 0.280 0.34759



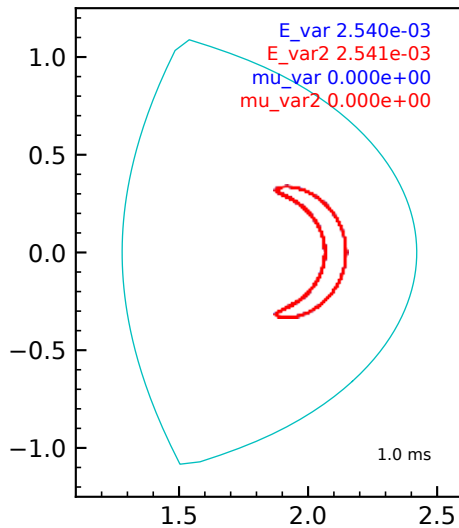
266 1 2.020 0.280 0.37746



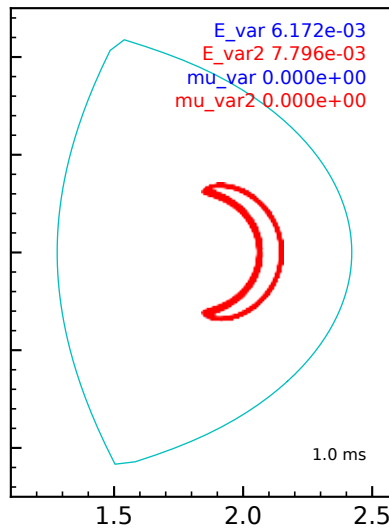
267 1 2.020 0.310 0.19717



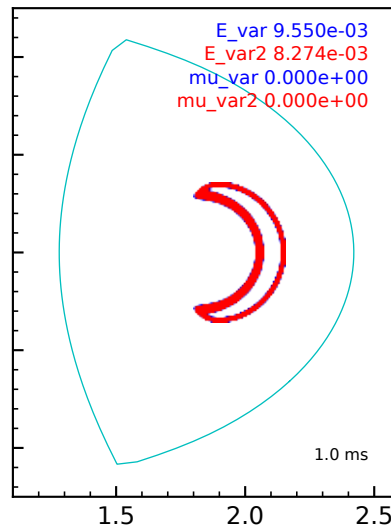
268 1 2.020 0.310 0.22723



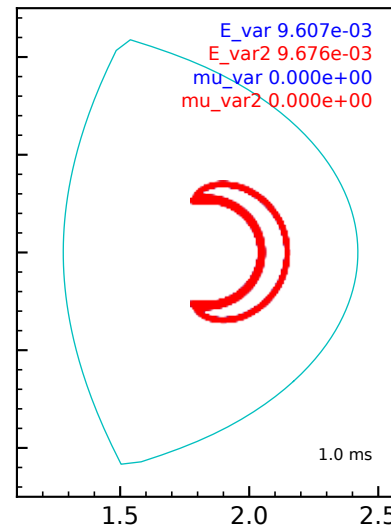
269 1 2.020 0.310 0.25725



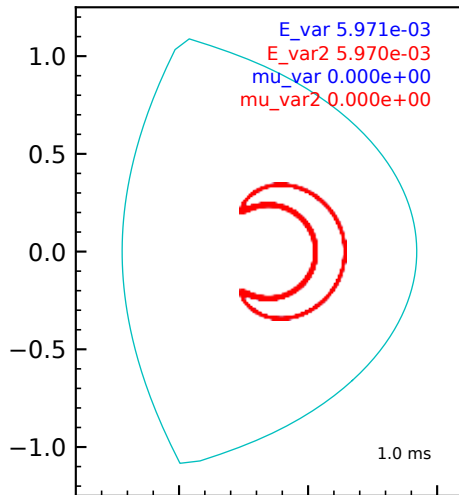
270 1 2.020 0.310 0.28724



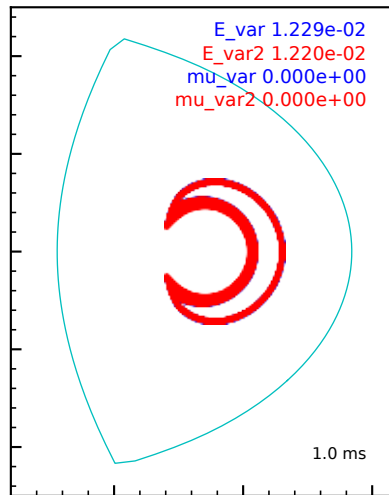
271 1 2.020 0.310 0.31719



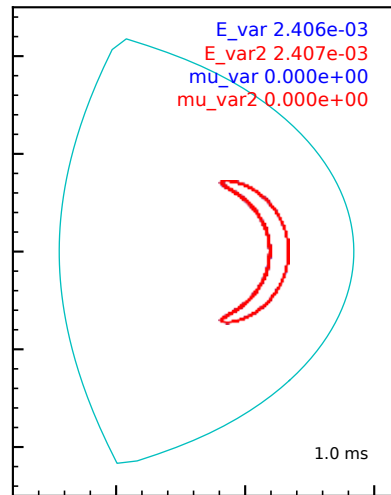
272 1 2.020 0.310 0.34711



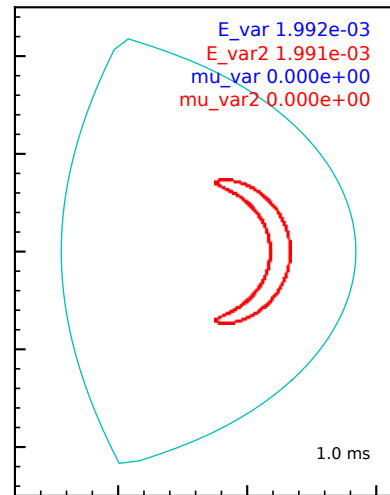
273 1 2.020 0.310 0.37699



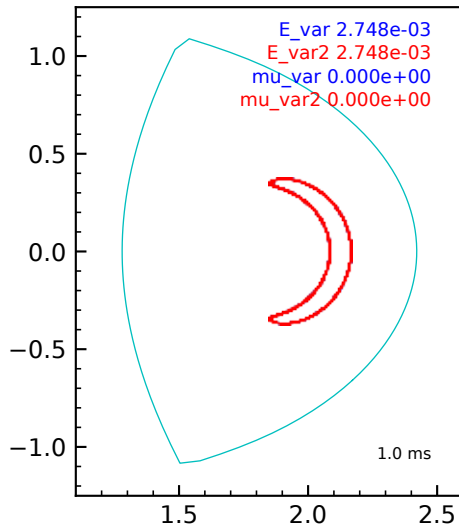
274 1 2.020 0.340 0.19658



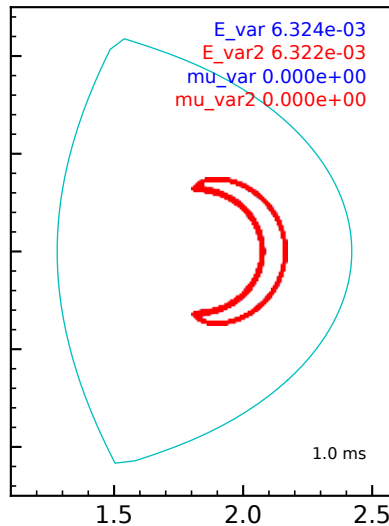
275 1 2.020 0.340 0.22664



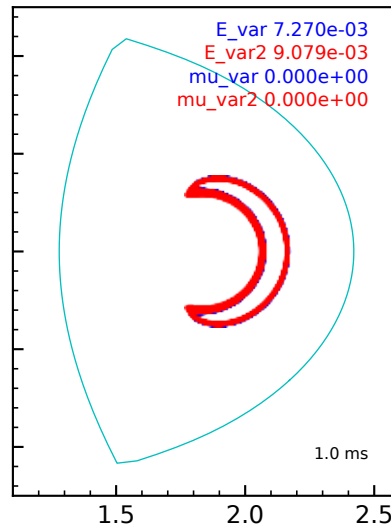
276 1 2.020 0.340 0.25667



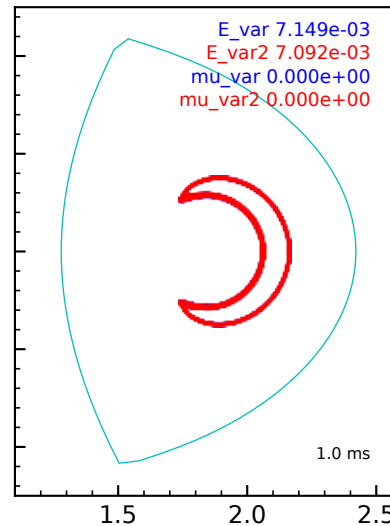
277 1 2.020 0.340 0.28667



278 1 2.020 0.340 0.31663

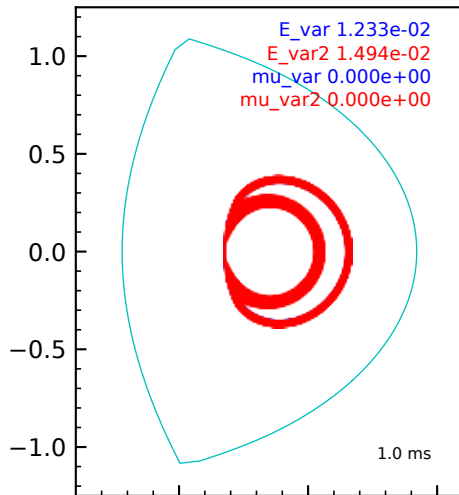


279 1 2.020 0.340 0.34656

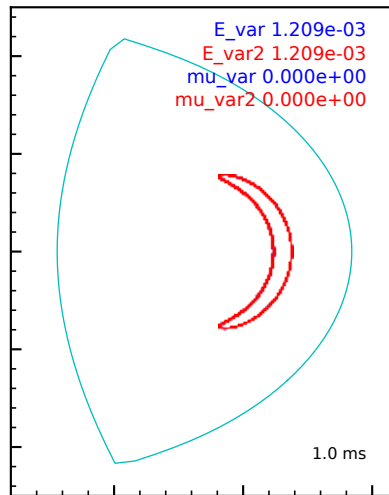




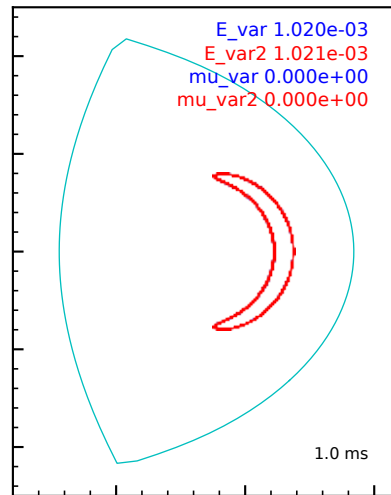
280 1 2.020 0.340 0.37645



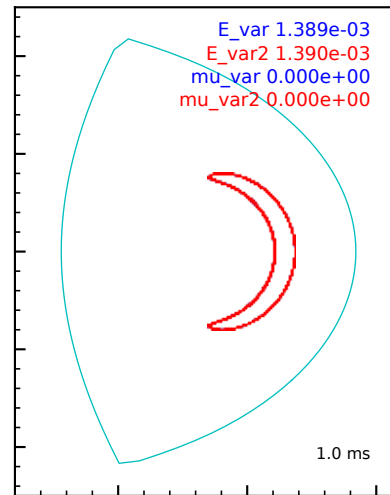
281 1 2.020 0.370 0.19590



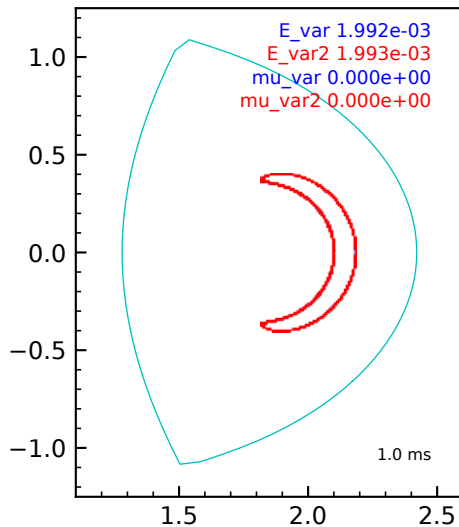
282 1 2.020 0.370 0.22598



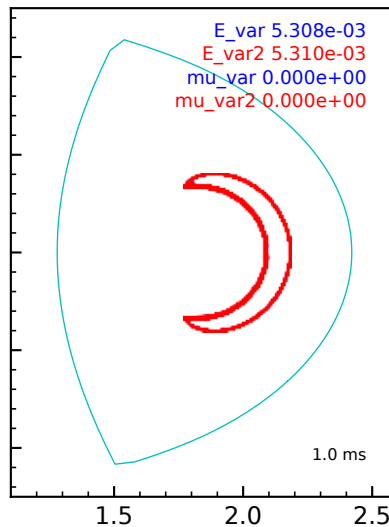
283 1 2.020 0.370 0.25602



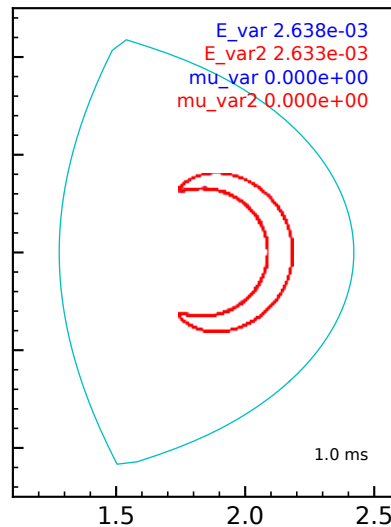
284 1 2.020 0.370 0.28602



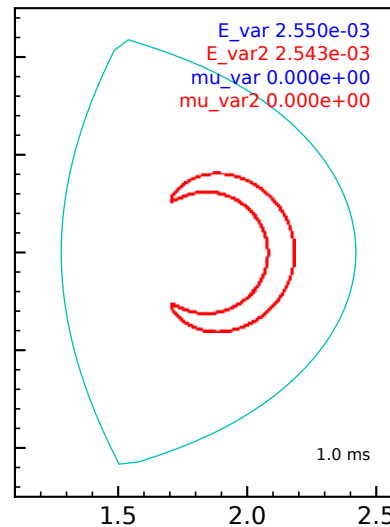
285 1 2.020 0.370 0.31600



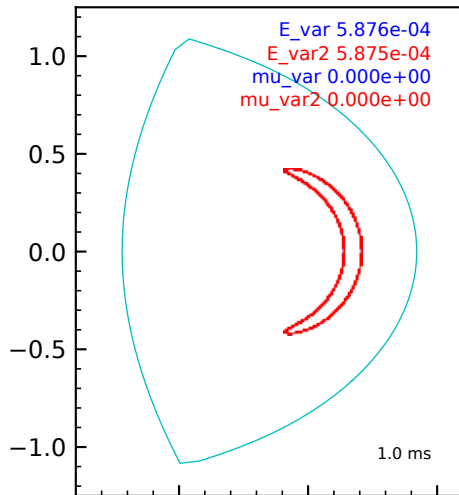
286 1 2.020 0.370 0.34594



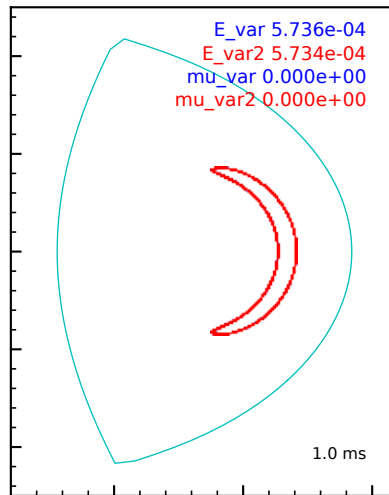
287 1 2.020 0.370 0.37584



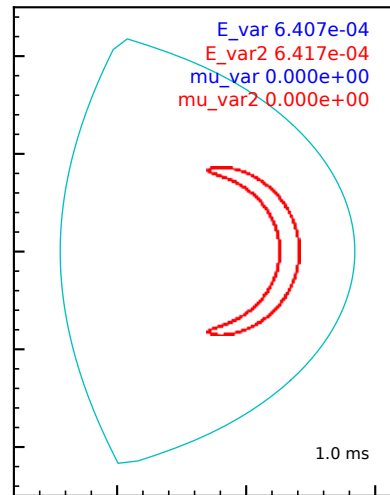
288 1 2.020 0.400 0.19516



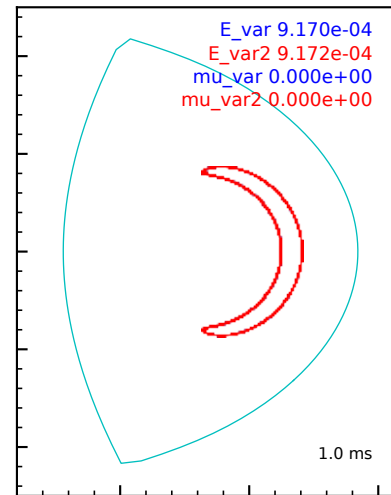
289 1 2.020 0.400 0.22524



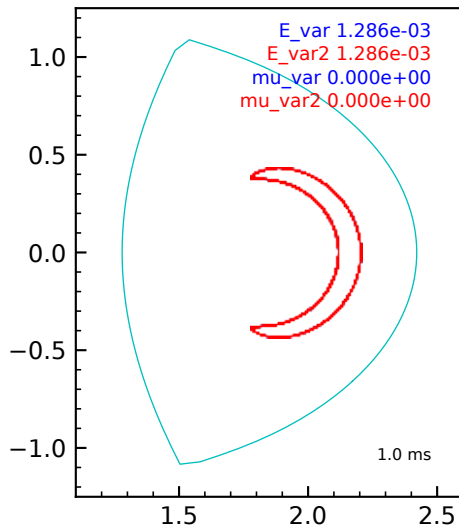
290 1 2.020 0.400 0.25529



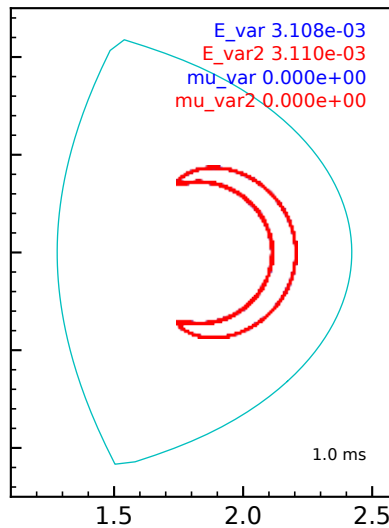
291 1 2.020 0.400 0.28531



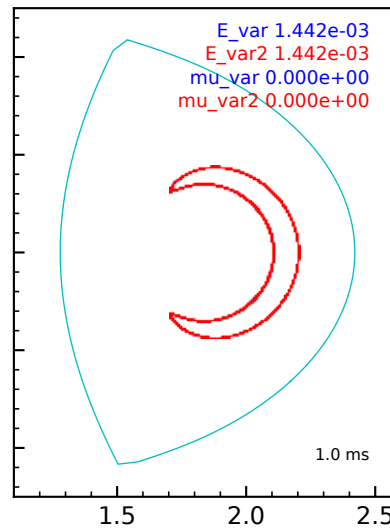
292 1 2.020 0.400 0.31530



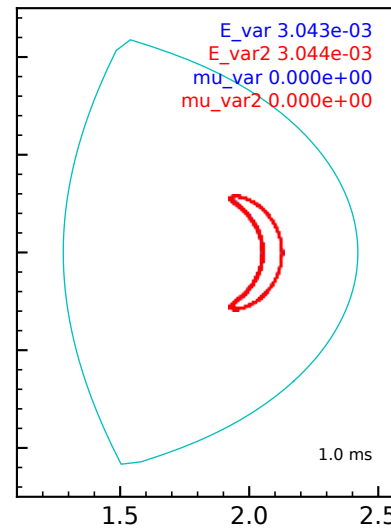
293 1 2.020 0.400 0.34525



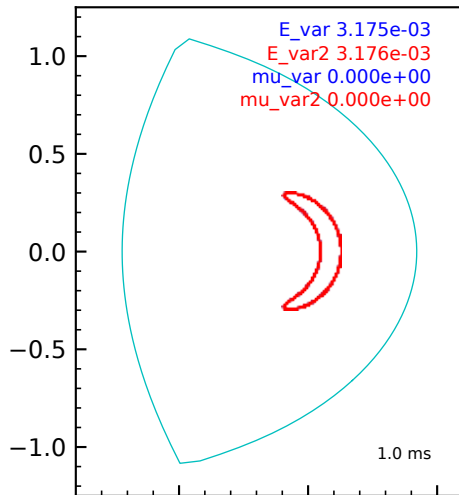
294 1 2.020 0.400 0.37517



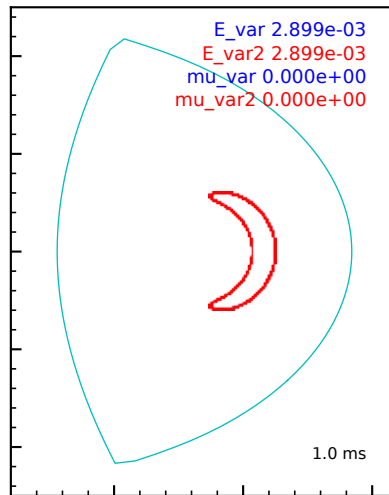
295 1 2.050 0.250 0.19778



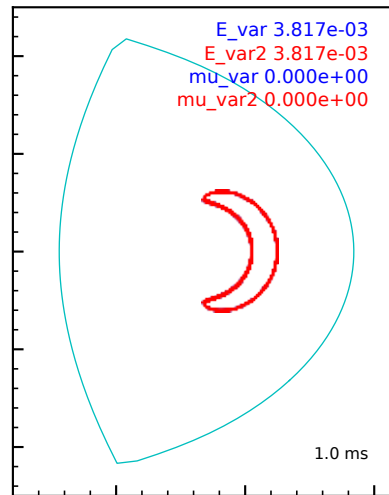
296 1 2.050 0.250 0.22782



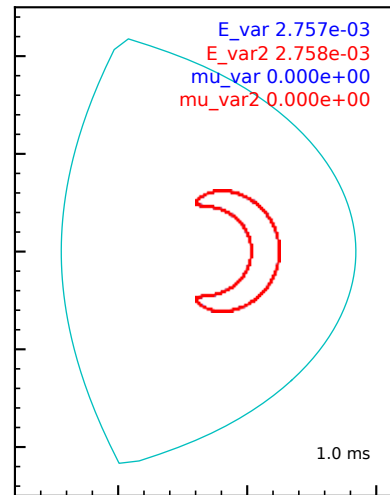
297 1 2.050 0.250 0.25783



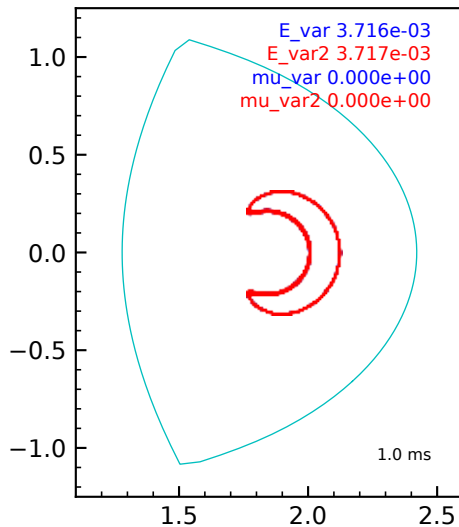
298 1 2.050 0.250 0.28779



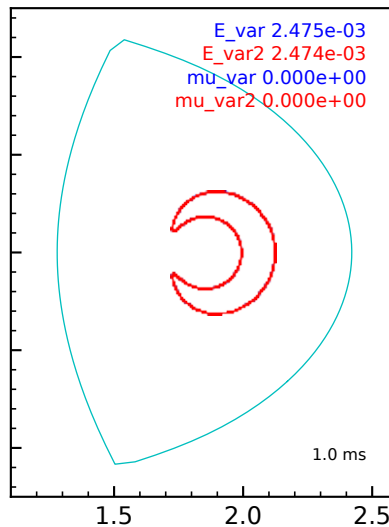
299 1 2.050 0.250 0.31773



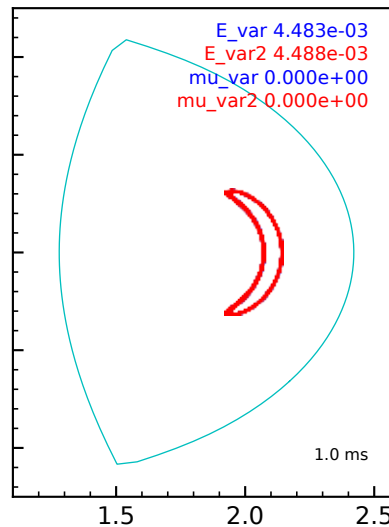
300 1 2.050 0.250 0.34762



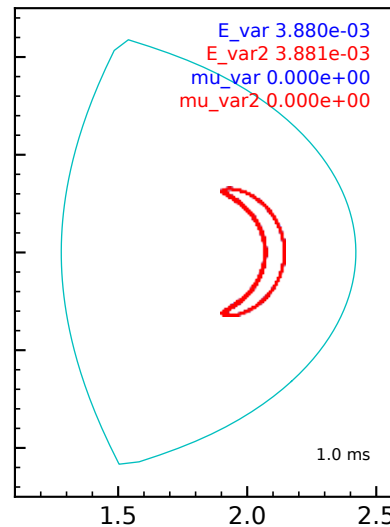
301 1 2.050 0.250 0.37747



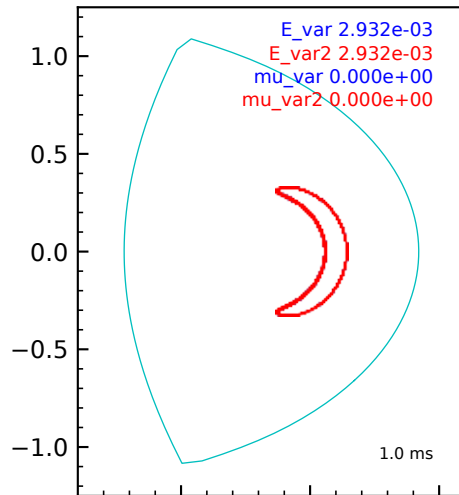
302 1 2.050 0.280 0.19728



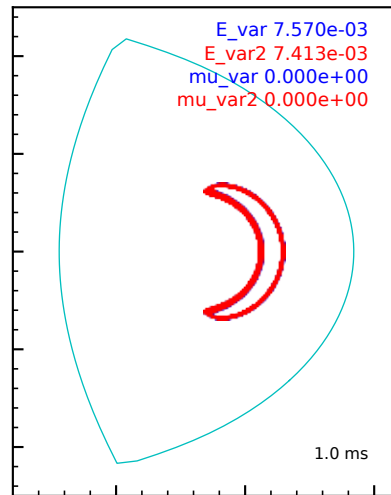
303 1 2.050 0.280 0.22732



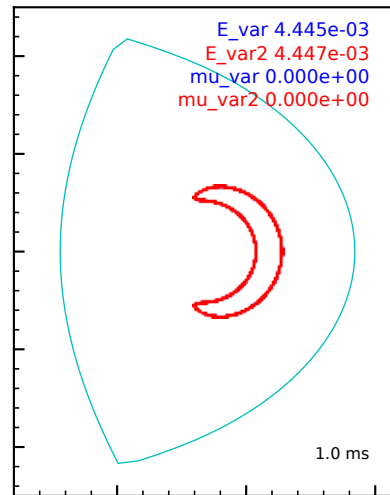
304 1 2.050 0.280 0.25733



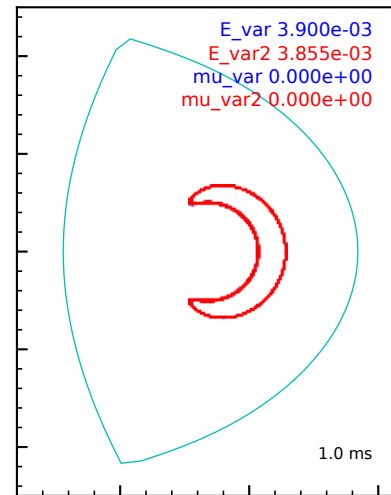
305 1 2.050 0.280 0.28731



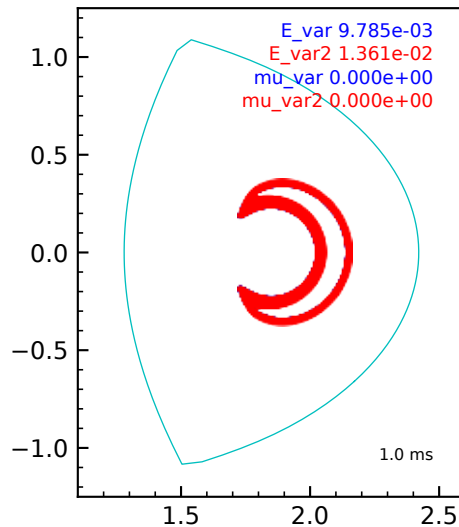
306 1 2.050 0.280 0.31725



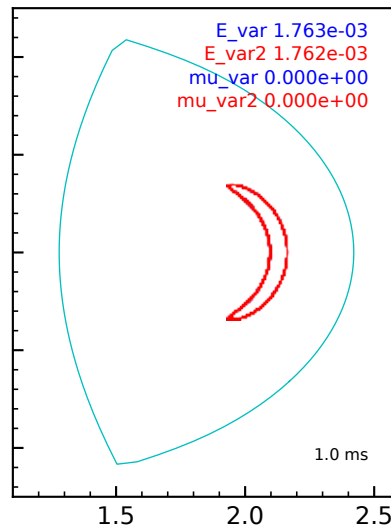
307 1 2.050 0.280 0.34715



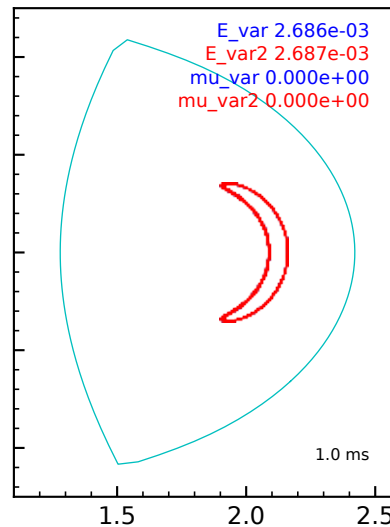
308 1 2.050 0.280 0.37701



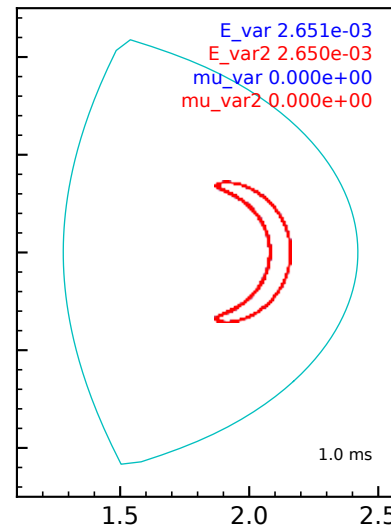
309 1 2.050 0.310 0.19669



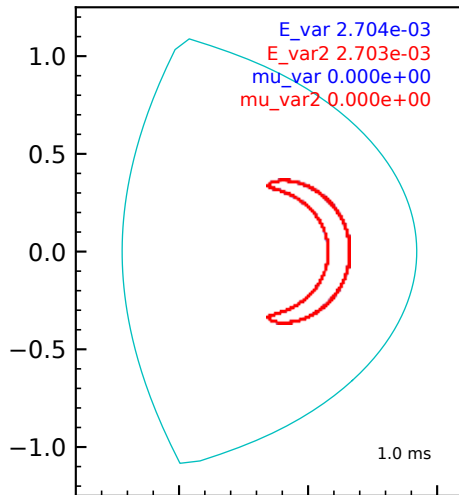
310 1 2.050 0.310 0.22674



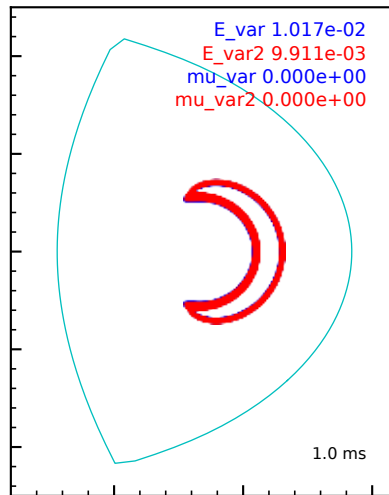
311 1 2.050 0.310 0.25676



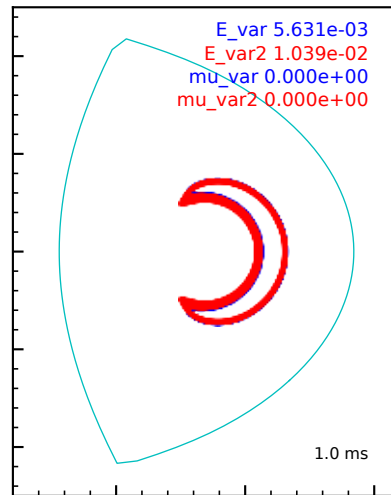
312 1 2.050 0.310 0.28674



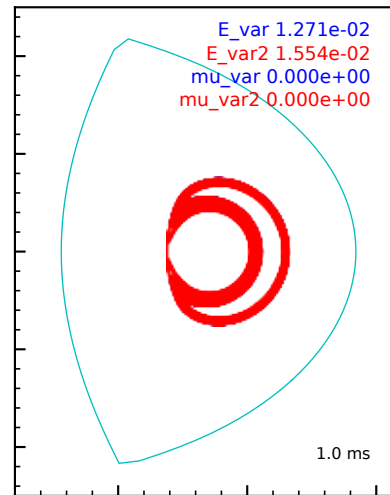
313 1 2.050 0.310 0.31669



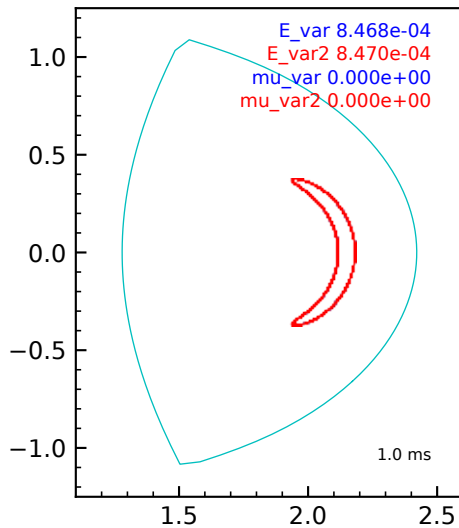
314 1 2.050 0.310 0.34661



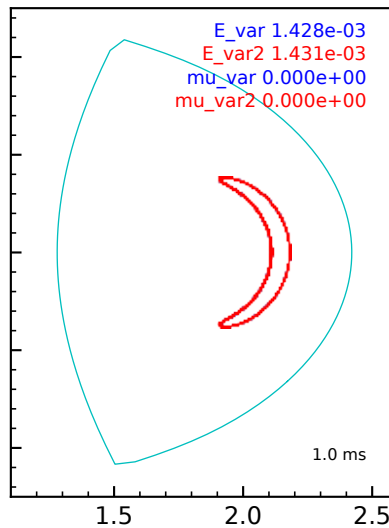
315 1 2.050 0.310 0.37649



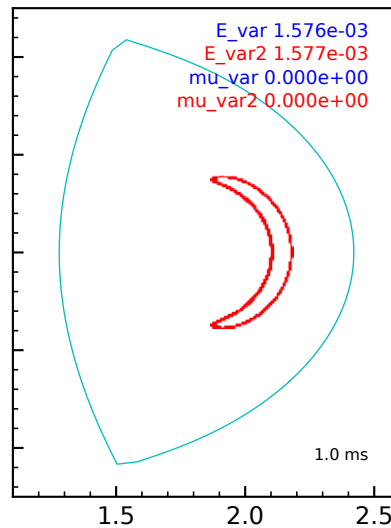
316 1 2.050 0.340 0.19602



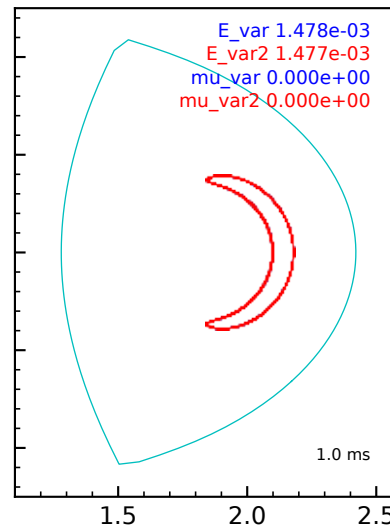
317 1 2.050 0.340 0.22609



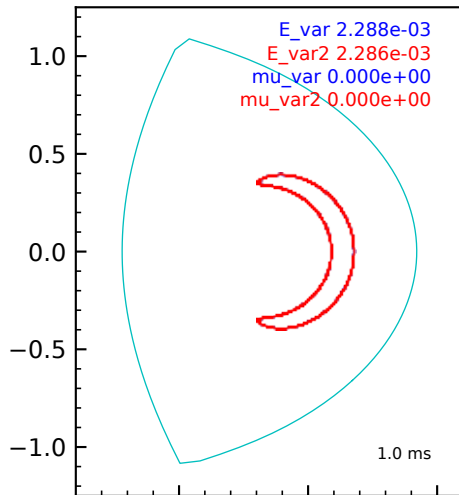
318 1 2.050 0.340 0.25611



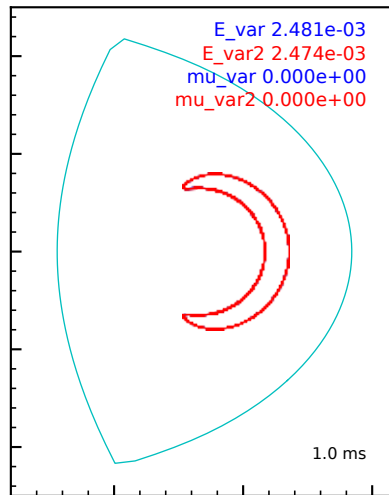
319 1 2.050 0.340 0.28611



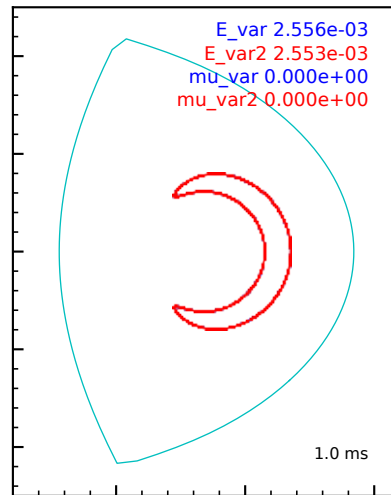
320 1 2.050 0.340 0.31607



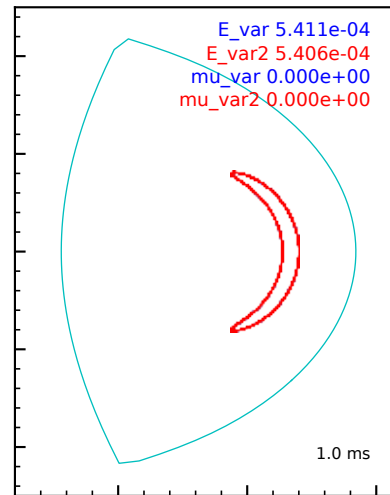
321 1 2.050 0.340 0.34600



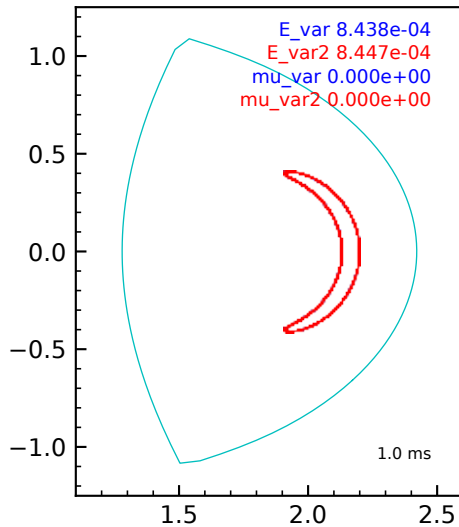
322 1 2.050 0.340 0.37589



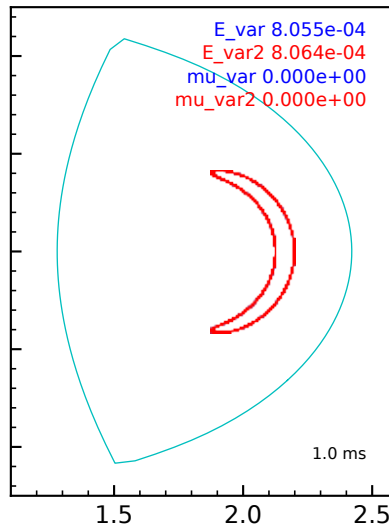
323 1 2.050 0.370 0.19528



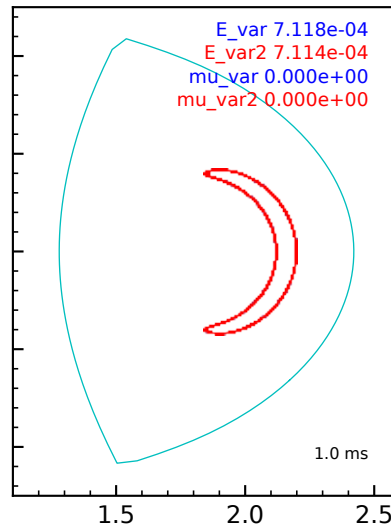
324 1 2.050 0.370 0.22536



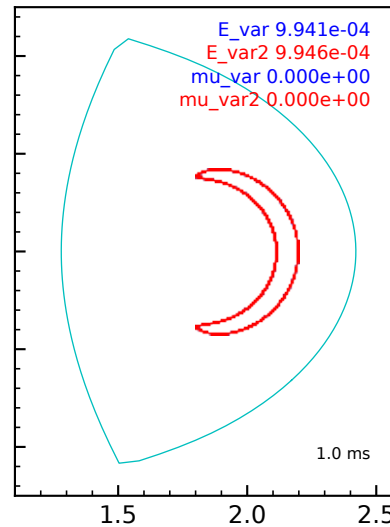
325 1 2.050 0.370 0.25540



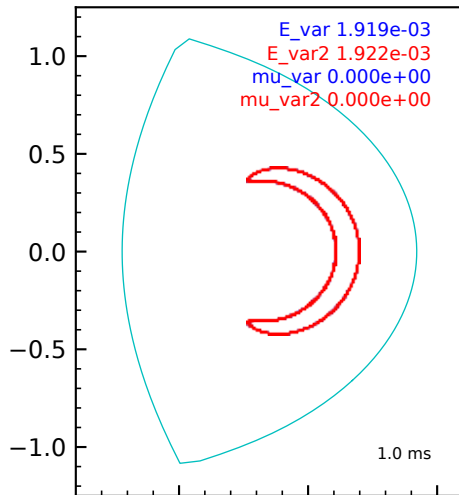
326 1 2.050 0.370 0.28541



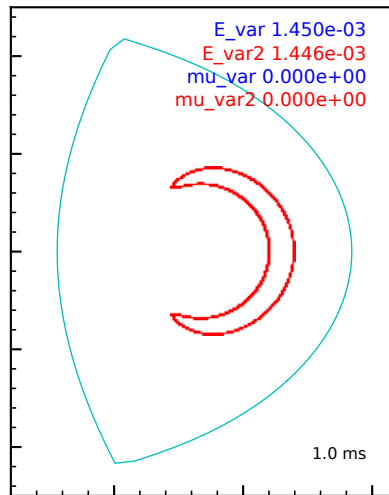
327 1 2.050 0.370 0.31538



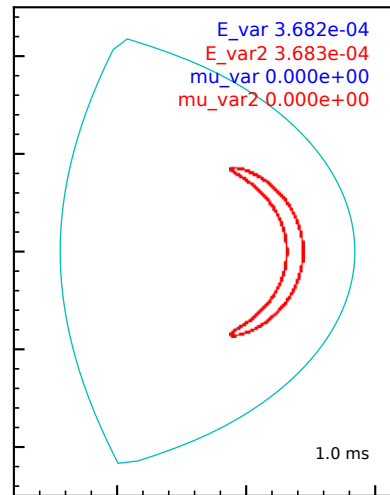
328 1 2.050 0.370 0.34533



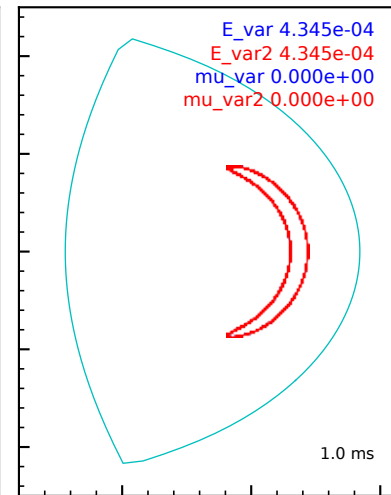
329 1 2.050 0.370 0.37524



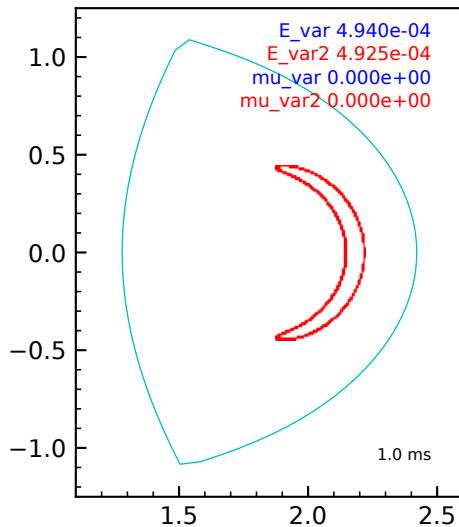
330 1 2.050 0.400 0.19448



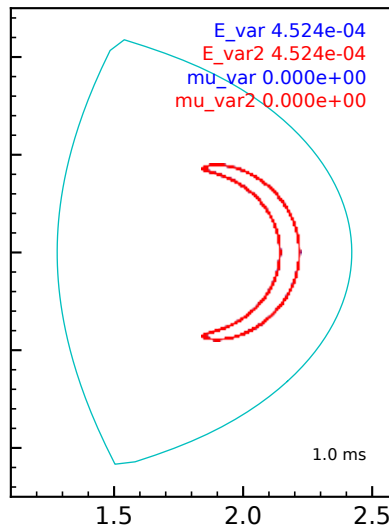
331 1 2.050 0.400 0.22456



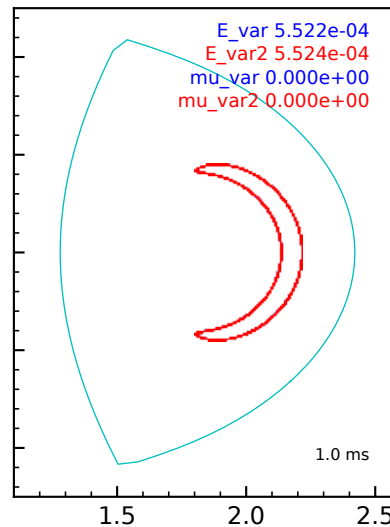
332 1 2.050 0.400 0.25462



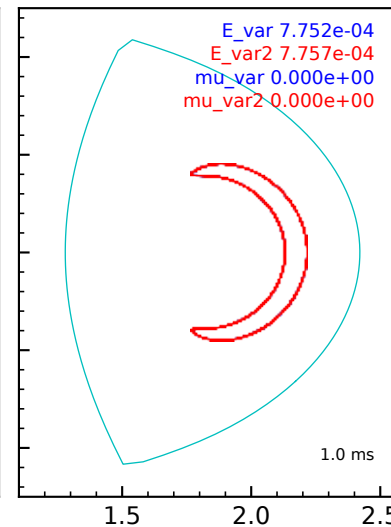
333 1 2.050 0.400 0.28464

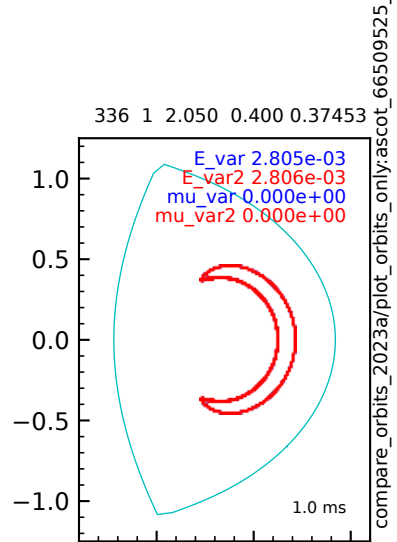


334 1 2.050 0.400 0.31463



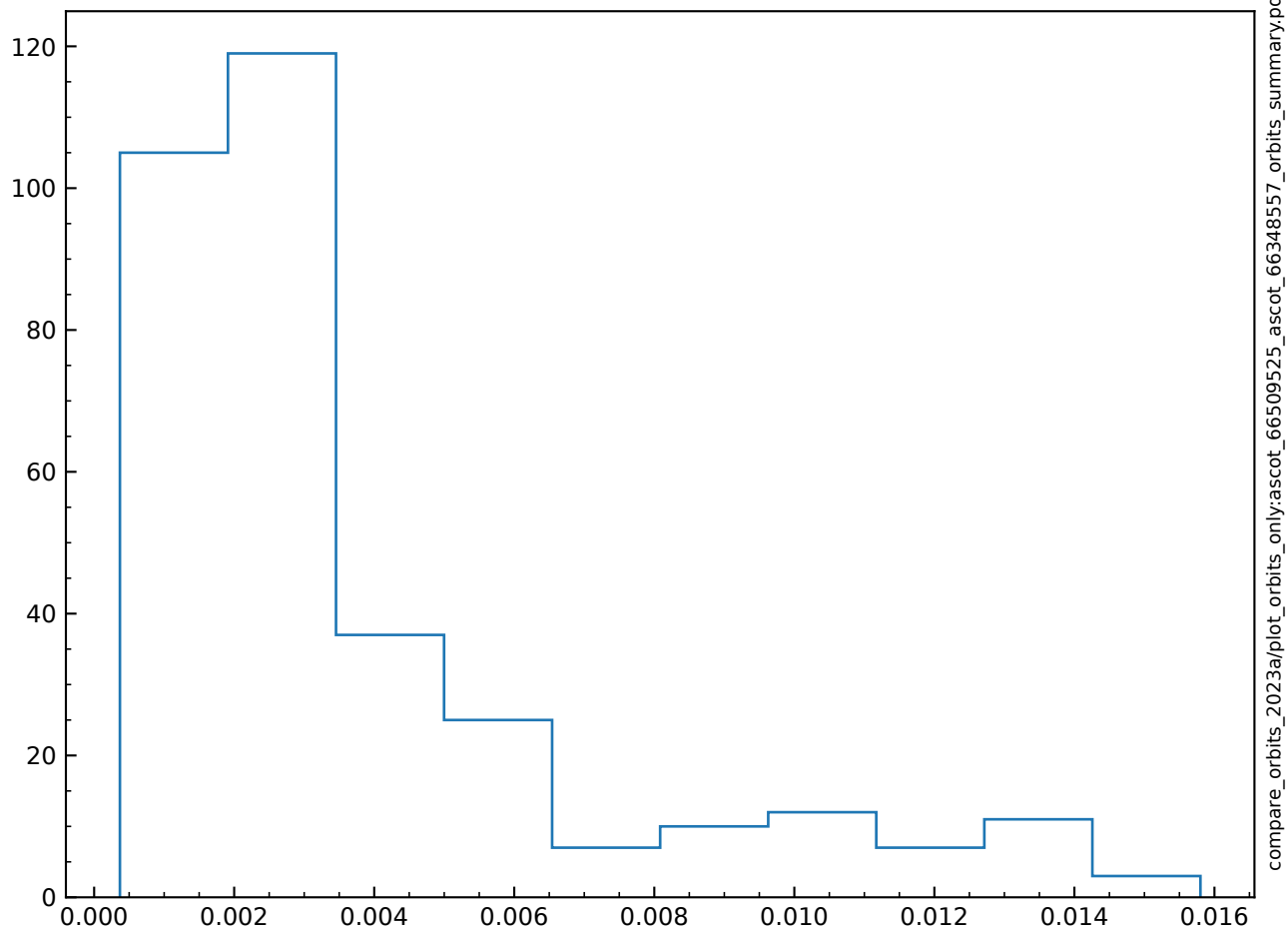
335 1 2.050 0.400 0.34460



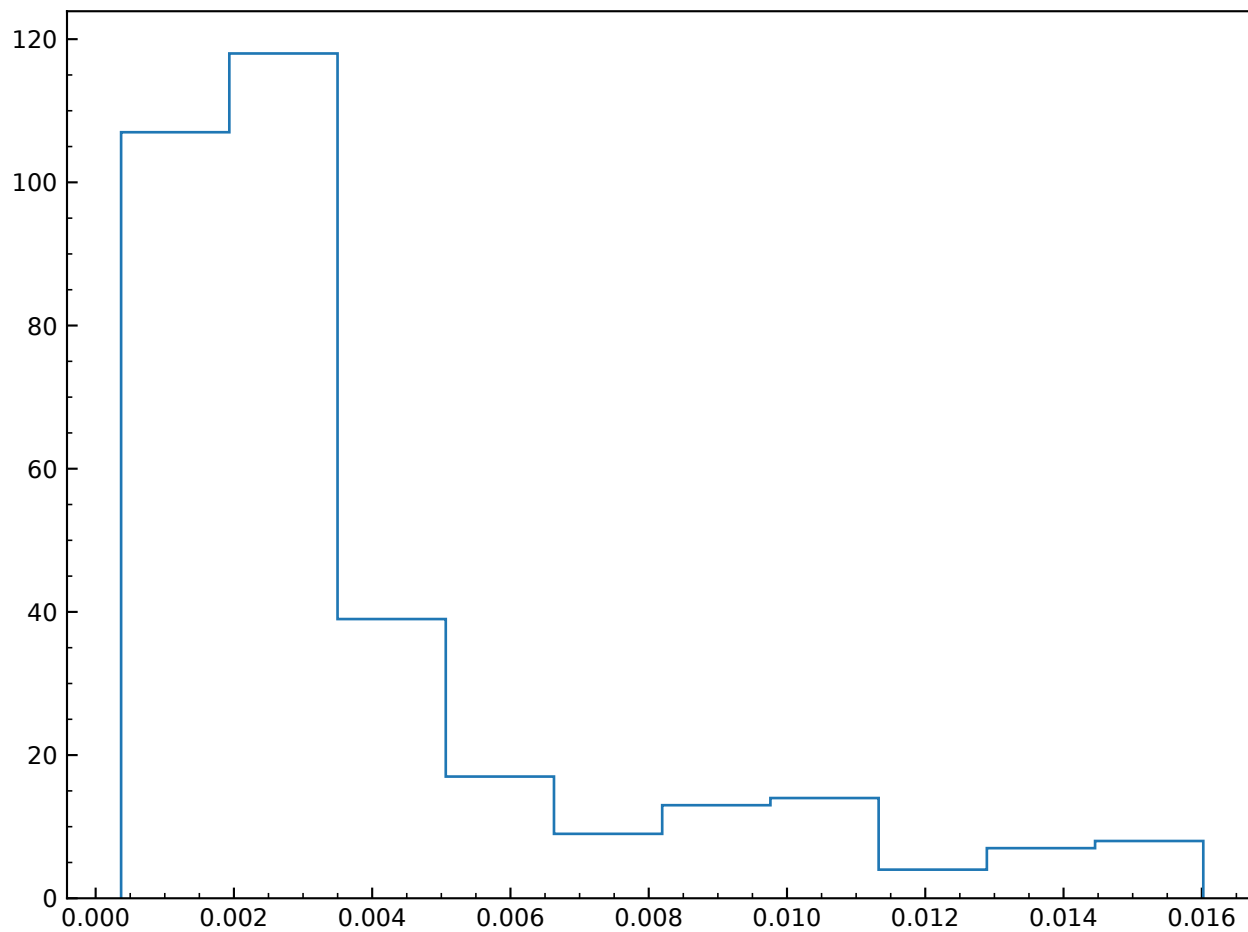




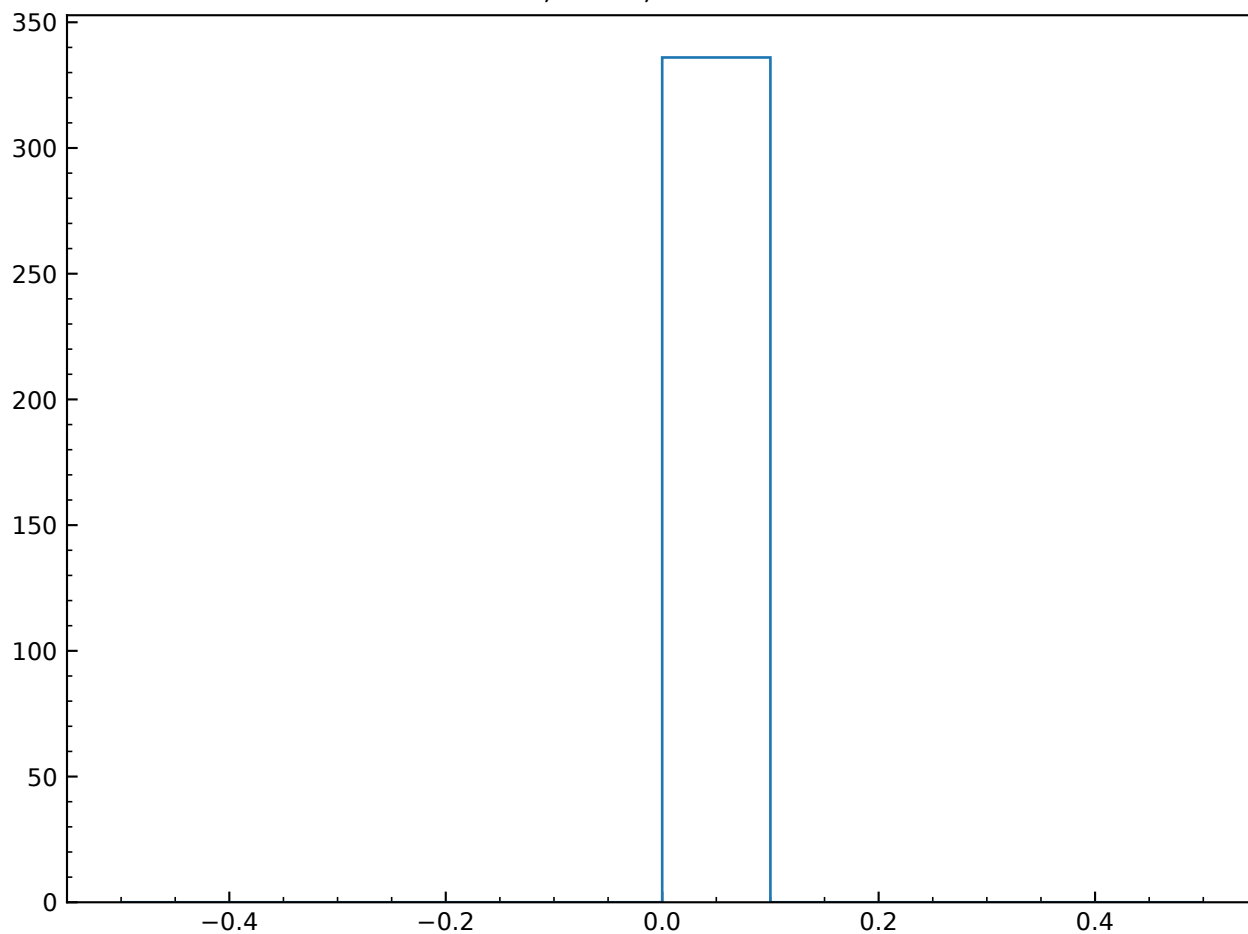
Fr E variation for 1st sim: min, mean max = 3.68e-04 3.77e-03 1.58e-02



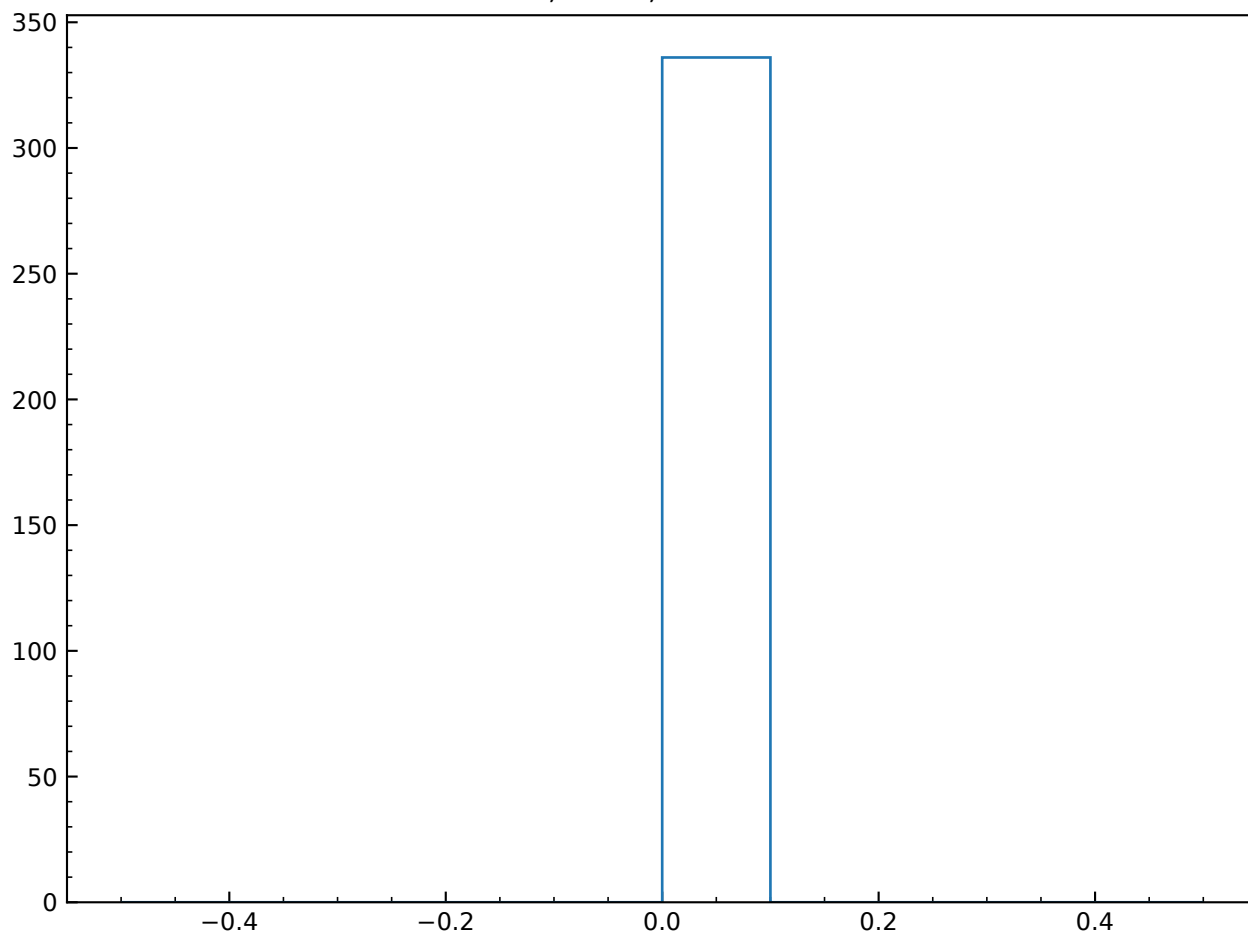
Fr E variation for 2nd sim: min, mean, max =  $3.68\text{e-}04$   $3.83\text{e-}03$   $1.60\text{e-}02$



Fr mu variation for 1st sim: min, mean, max = 0.00e+00 0.00e+00 0.00e+00



Fr mu variation for 2nd sim: min, mean, max = 0.00e+00 0.00e+00 0.00e+00



## Parameters for processing by plot\_orbits\_2022i.py

ascot\_66509525.h5

orbits\_only (1 to plot orbits only): 1

minimum end time for orbits to plot: 0.00e+00

maximum end time for orbits to plot: 1.00e+01

EFIT equilibrium file: geqdsk\_freegsu\_run0\_mod\_00.geq

maximum number of orbits to plot: 0

endcond: all

1 to plot bananas; 0

delta\_r of marker ensemble: 0.050

1 to see plots with small delta\_phi: 0

1 to see plots with big delta\_phi: 0

minimum delta\_phi to be a banana (deg): 20.0

maximum delta\_phi to be a banana (deg): 1000.0

1 to plot lower half: 0

1 to plot individual markers: 1

1 to make final plots: 1

