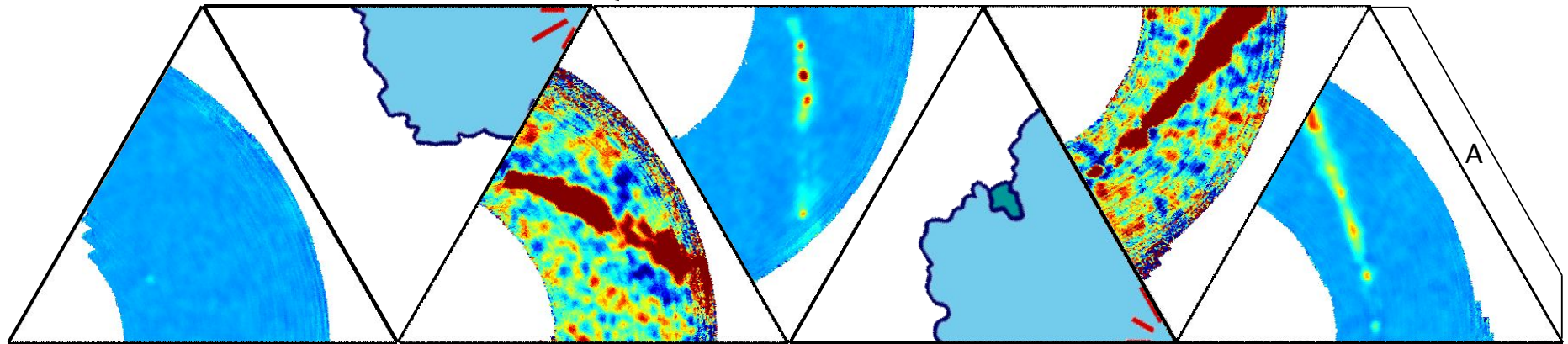
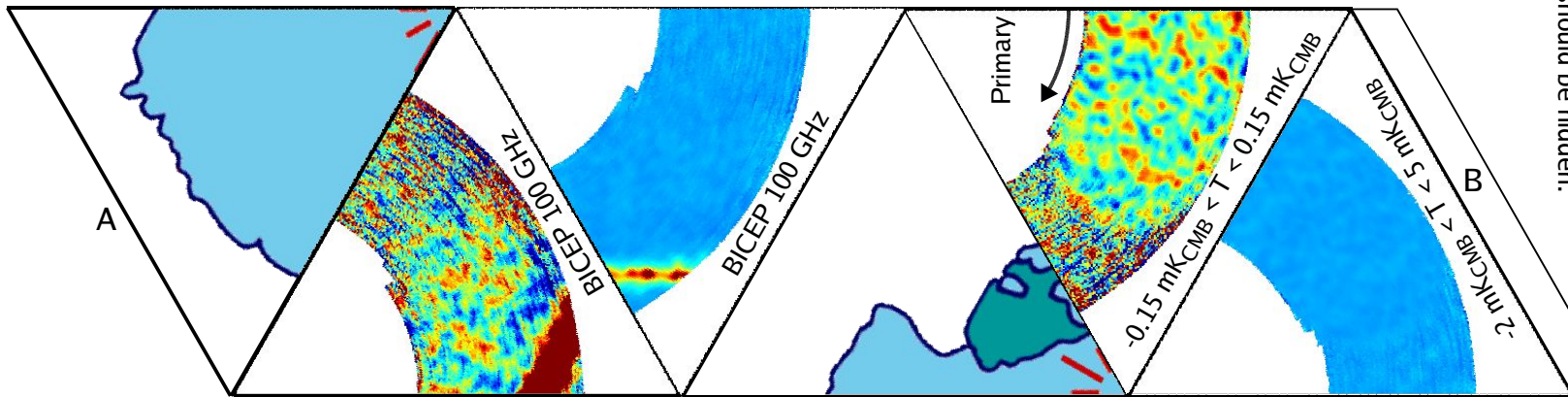


# build your own flex•a•bicep

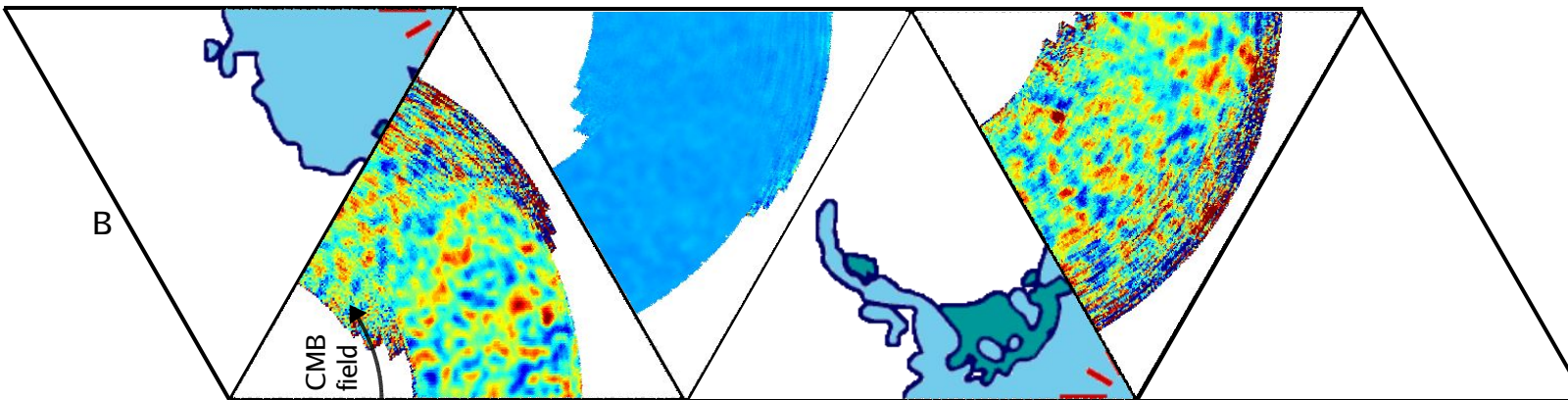
<http://www.astro.caltech.edu/~lgg/bicep/flexabicep.pdf>



first fold here



Cut out the 3 pieces and join at A and B to form one long strip. Make a mountain fold at the line indicated by the 2 arrows and continue folding in a spiral fashion, for a total of 9 folds. You now have a straight strip with 10 triangles on each side. There are 2 places where CMB T fluctuations are next to each other: fold in both these places so as to hide the CMB, forming a hexagon with a triangular tab sticking out. Lift one end of the hexagon around the other so that the CMB panels near the ends are touching each other. Fold the tab over to cover the blank triangle on the other side, and glue it to the blank triangle. One side of the hexagon should show the Galaxy, one side should show Antarctica, and the CMB should be hidden.



Everting the flexagon: make 3 radial valley folds, equally spaced. One of these folds should lie on the line closest to Eta Carinae. Open from the center, and the CMB will appear. Instructions adapted from <http://en.wikipedia.org/wiki/Flexagon>, and Antarctica image adapted from USAP logo.