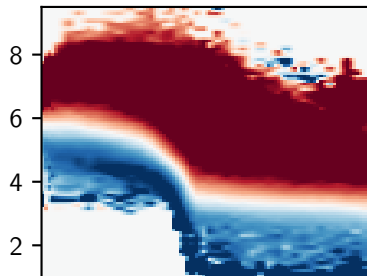
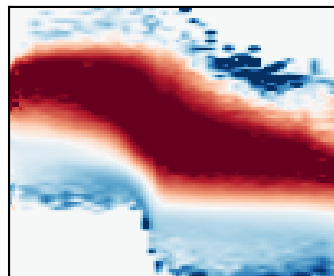
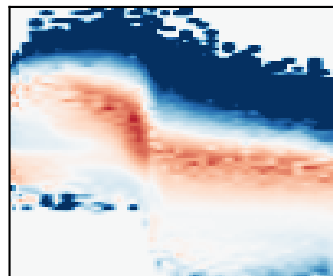
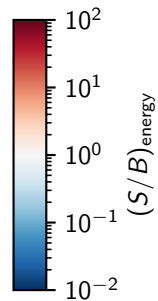
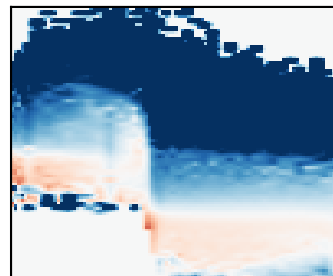


E^{-1} 2011-2018
 $\log_{10}(E)$  E^{-2}  E^{-3}  E^{-4} 2019
 $\log_{10}(E)$ 