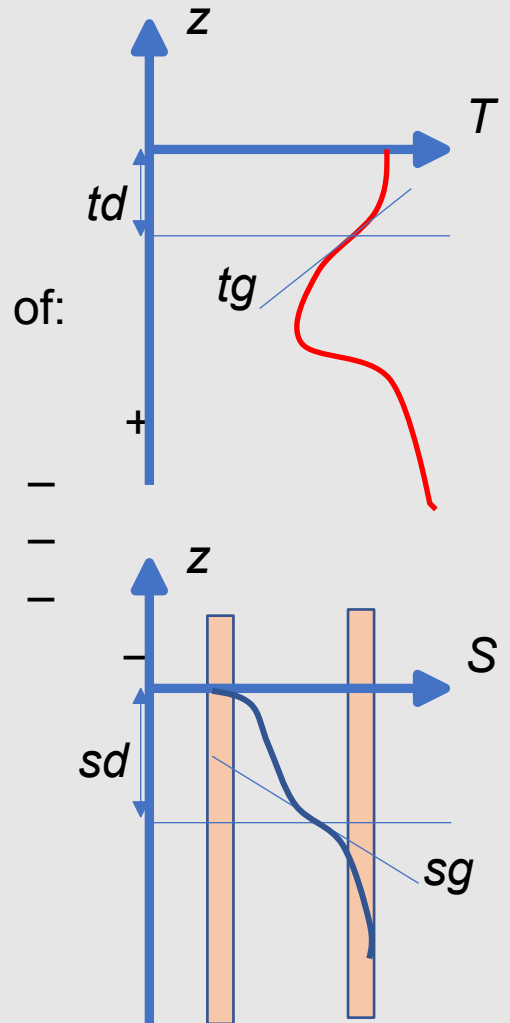


Stratification in first BMIP models

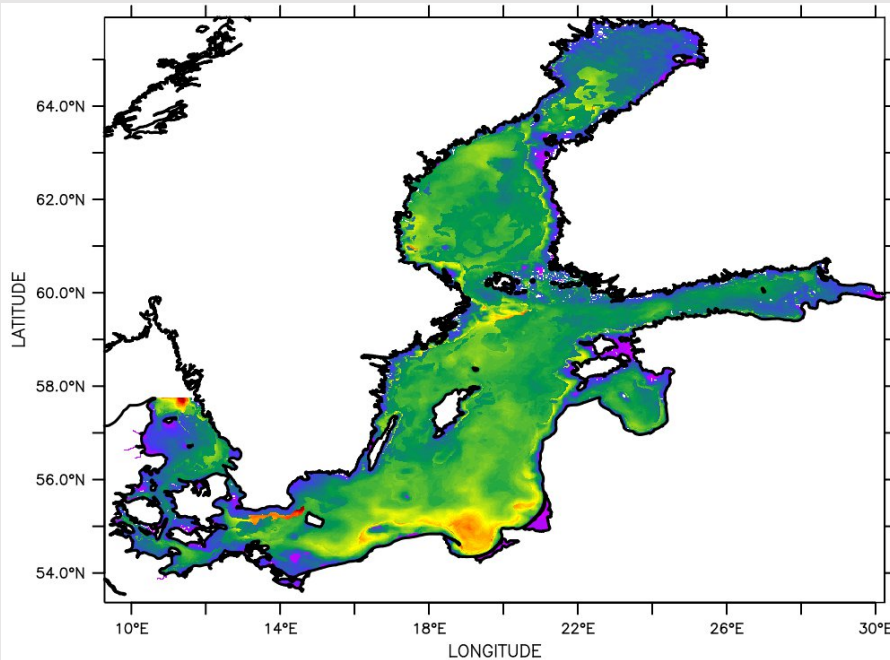
H. Radtke* & G. Väli

Thermocline detection:

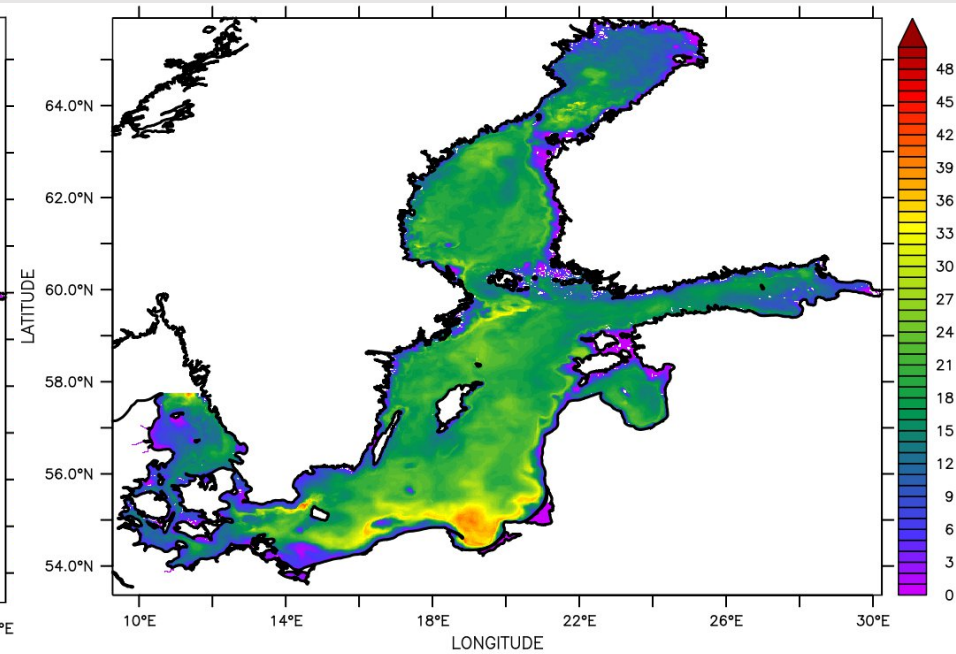
- Method by Germo Väli
- Seek steepest gradient between adjacent model layers of:
 - “td”: Temperature
 - “sd”: Salinity
 - “rd”: Density
 - “rtd”: Temperature-induced density change
 - “rsd”: Salinity-induced density change
- Only Ulf’s GETM model provided this output
- For all models, reconstructed from monthly T+S data



September 1990 thermocline depth



thermocline depth (GETM, from monthly T+S)



thermocline depth (GETM, online calculated)

September 1990 thermocline depth

