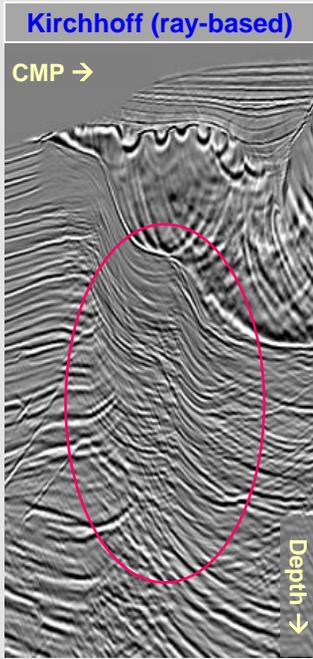


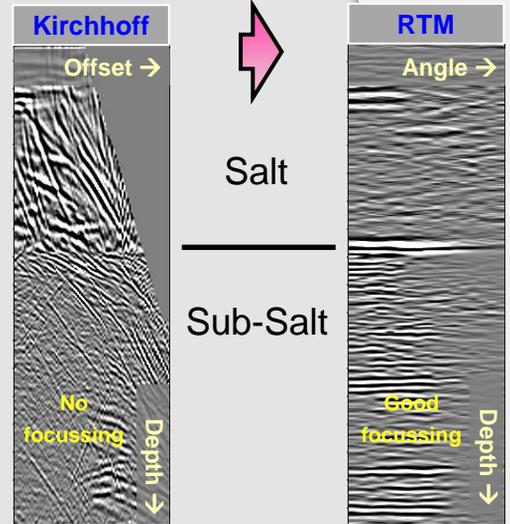
Complex depth model ? Use RTM update !



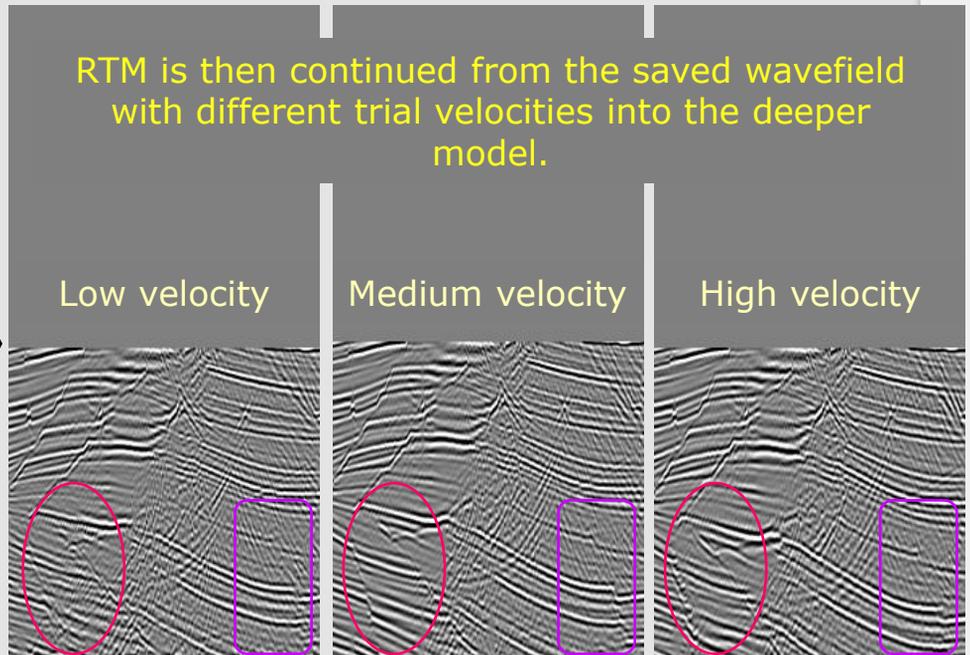
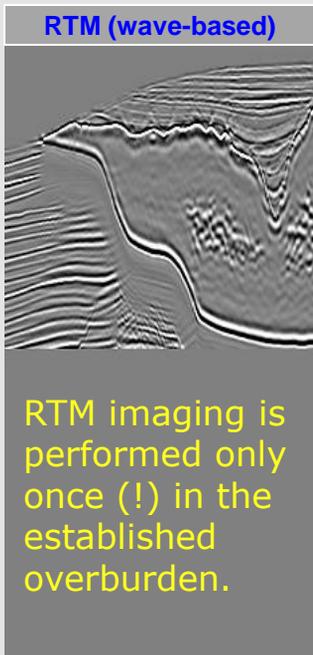
How to update a depth model in complex geology, e.g. sub-salt where ray-based imaging fails?

Common-Reflection-Point (CRP) gathers from wave-based RTM well reveal model accuracy where raybased Kirchhoff CRP gathers fail (left).

We offer a fast automatic update workflow based on RTM CRP gathers & image



Fast top-down model building using **RTM layer stripping**:



In the RTM trial zone, the best structural focussing and CRP gather flatness is picked at selected locations and at the corresponding trial velocities. These locally accepted trial velocities are evaluated by a velocity update algorithm.