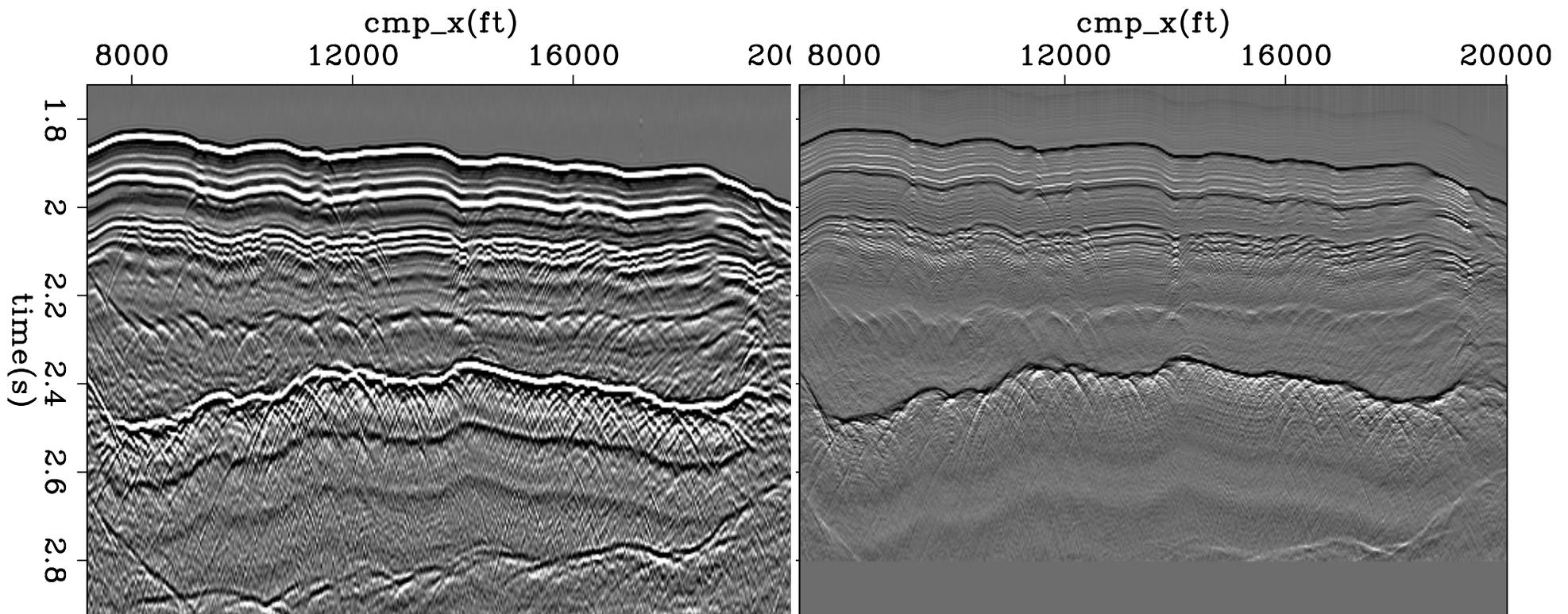
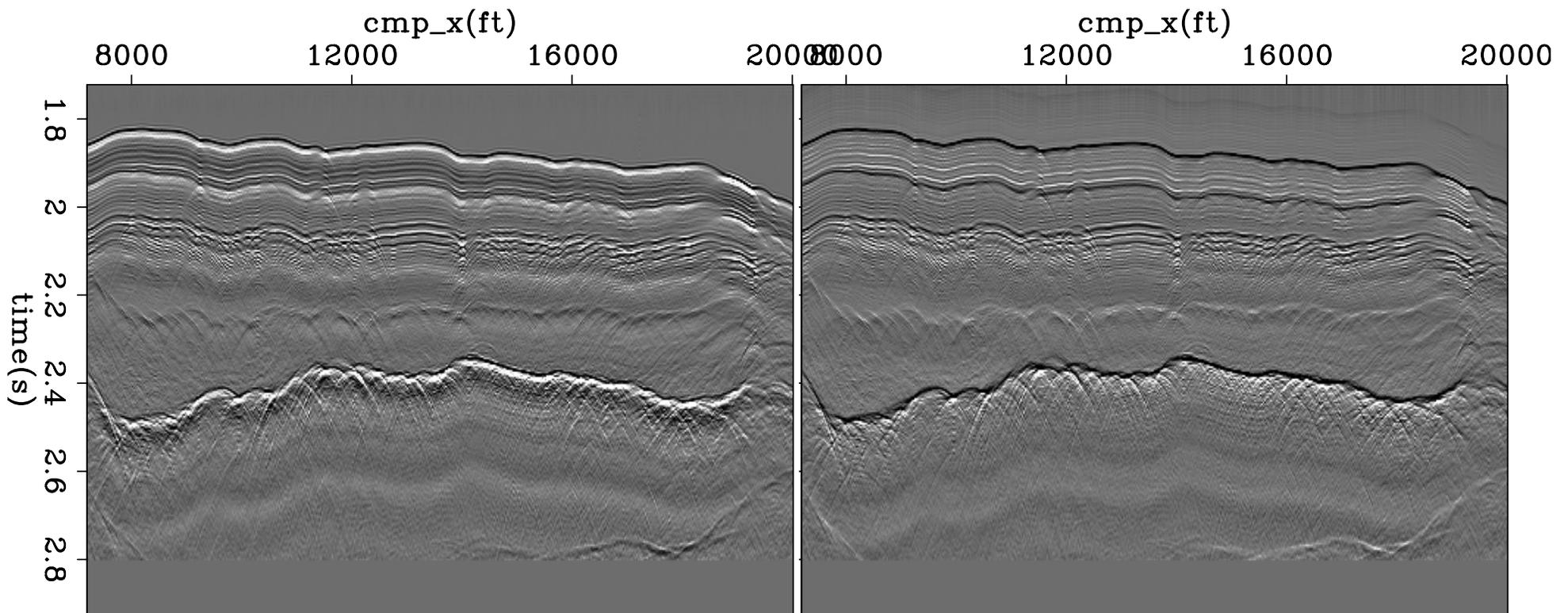
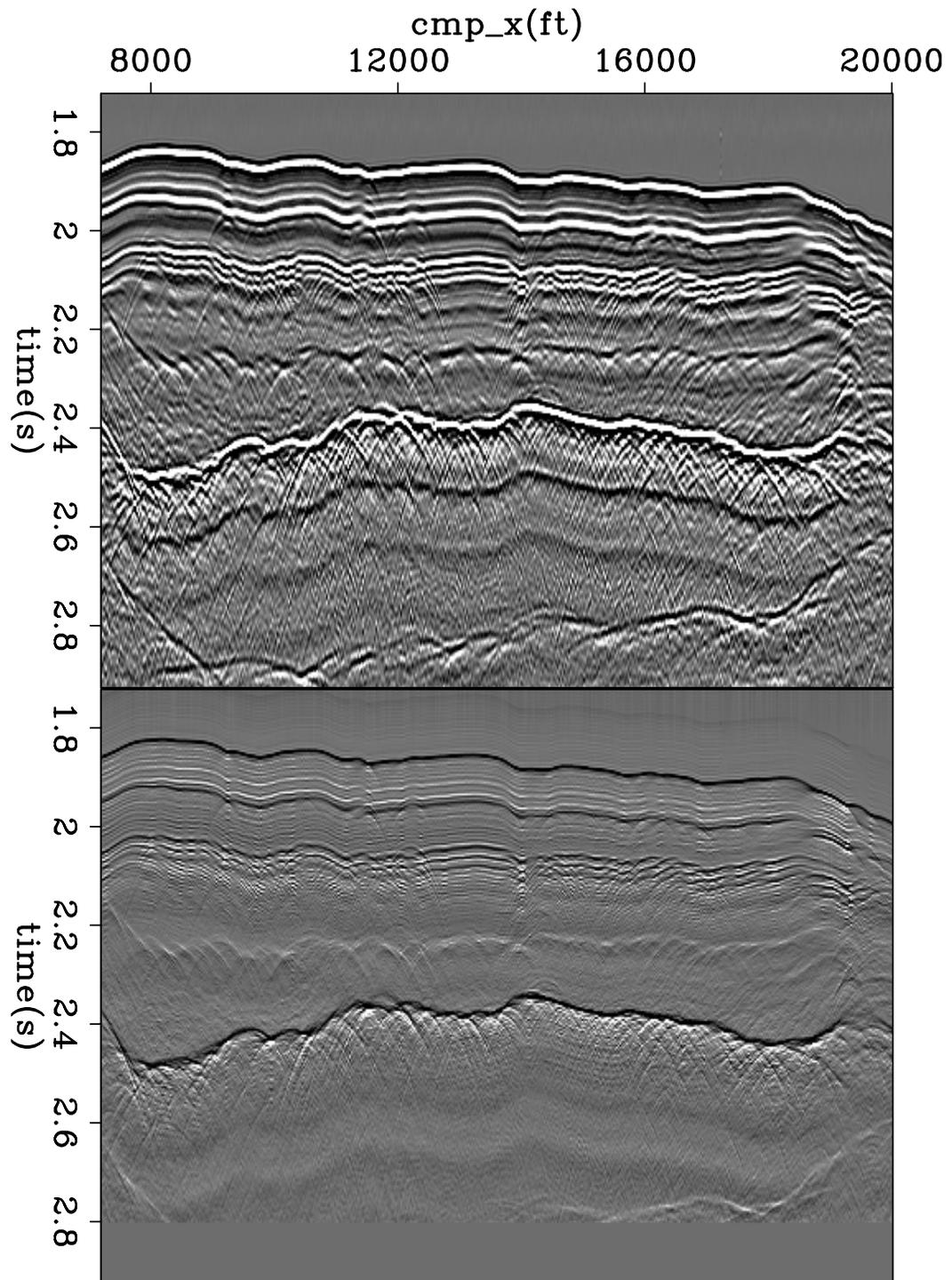


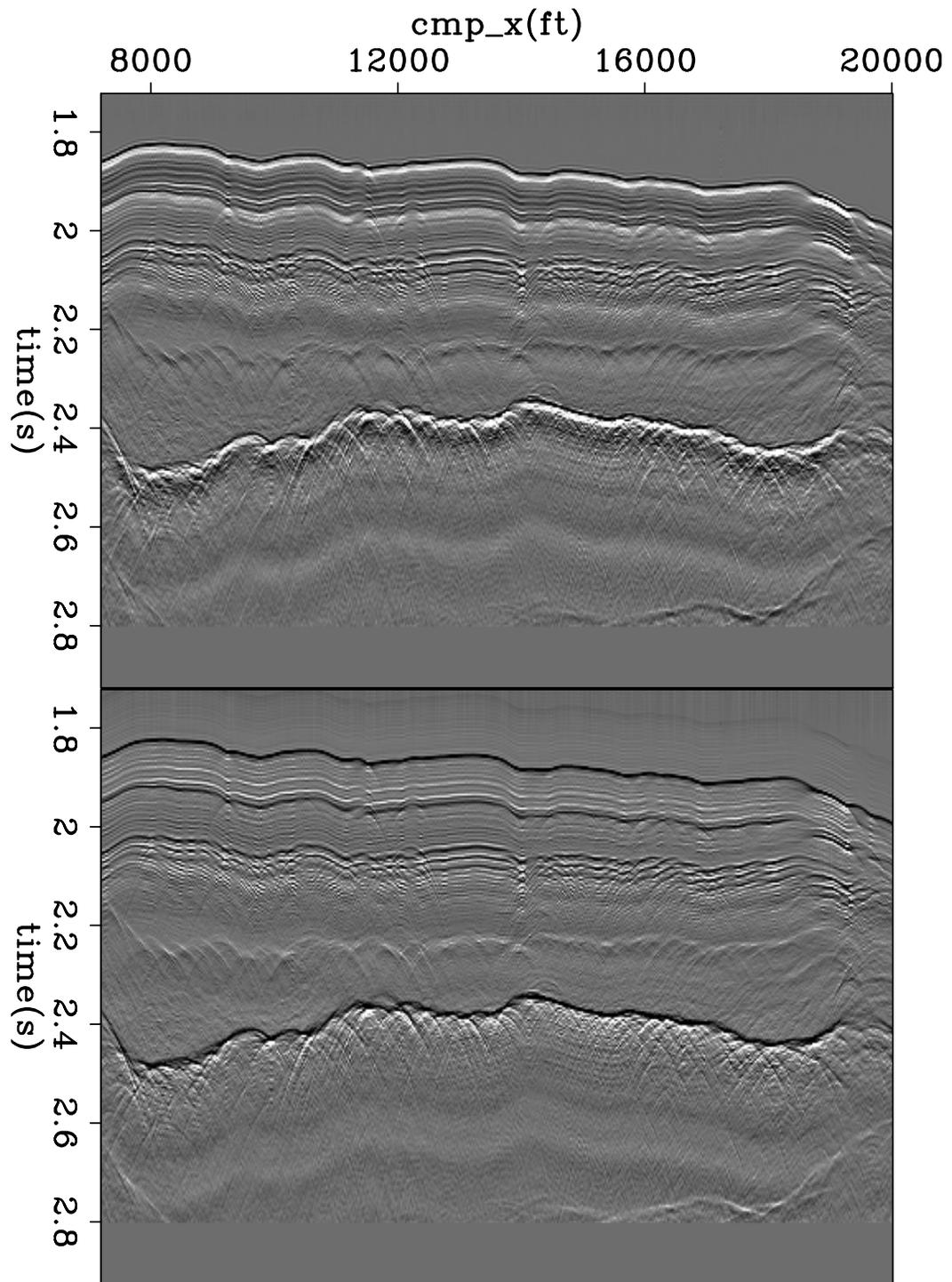
# data<->bidirect decon



# old decon <-> bidirec decon







# Speaking Notes

- Here we show an example of the deconvolution on a common-offset section marine field data. The left panel shows the input data. The right panel shows the result using the bidirectional decon. The input data shows strong events like a double ghost (black, white, black) or like symmetric source wavelet. The bidirectional decon managed to compress such events and turn them into singlets. Giving us a better resolution of the reflectors thus it is more easy to identify the polarity changes among the reflectors.
- Here we show the comparison between the conventional decon result on the left, and the new bidirectional decon result on the right. An easy noticeable fact is that traditional decon result now have doublets, not as favorable as singlets from the new result. The singles suggest that a causal integration on the new result would produce a nice representation of the subsurface acoustic impedance.