About the archived data: Most data are delta 13C and delta 18O ratios measured from bulk matrix micrite subsamples. A smaller number of data are delta 13C and delta 18O ratios from component subsamples including brachiopod shells. Trace element data from brachiopod shells are also listed. All data are labeled accordingly. Please refer to the chapter Working approach, carbonate materials, and methods on p. 84 etc. for detailed information about sampling techniques or contact the first author ([imma@geo.vu.nl](mailto:imma@geo.vu.nl)) for details.