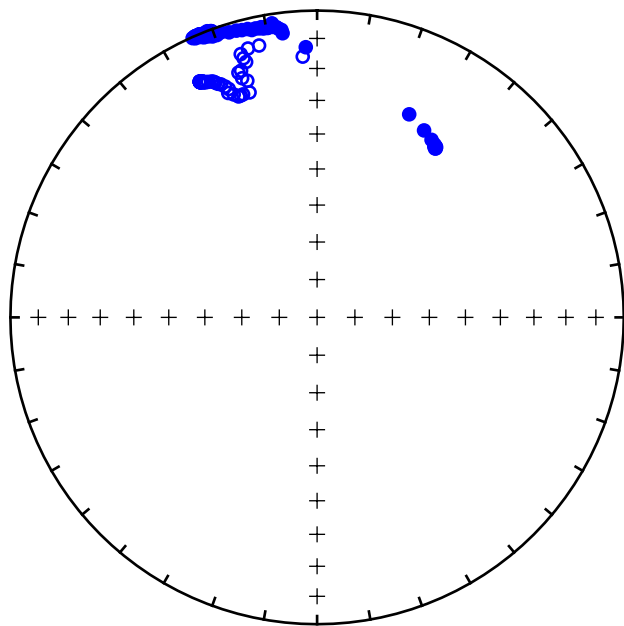series 5 (raw)   series 5 (bsub)