```
NK
    NK_DEFAULT_PARAM                    Init parameters if not provided in input
    NK_DEFAULT_INFO                     init info if necessary
    NK_INIT_GRID                        init grid if necessary

    for each scan:
        NK_CHECK_FILING                 checks if the scan has already been reduced or not
        NK_UPDATE_PARAM_INFO            Gathers info on the scan (object, type of scan)
        NK_SCAN_PREPROC                 Performs all actions that are not projection or cleaning dependent (except projection pixel)
            NK_GETDATA                  The scientific fraction of the scan has been selected, pointing corrected, cosmic rays subtracted, intersul
            NK_GET_KID_POINTING         Each kid has its own pointing computed
            NK_CALIBRATION
              NK_GET_OPACITY
              NK_APPLY_CALIB            data.toi is now in Jy

            NK_DEGLITCH                 Cosmic rays have been suppressed
            if keyword_set(simpar)
              NKS_DATA                  Add/replace by simulated data, noise...
              NKS_ADD_UNCORR_NOISE
            endif

            if polarized scan:
              NK_DEAL_WITH_HWP_TEMPL    suppress the HWPSS
              NK_LOCKIN                 demodulates and produces data.toi (with pure I), data.toi_q, data.toi_u
            endif

        NK_SCAN_REDUCE
            NK_CLEAN_DATA               Data are now decorrelated, filtered
              NK_DECOR
                  NK_DECOR_SUB
              NK_LINE_FILTER
              NK_BANDPASS_FILTER
              NK_POLYNOMIAL_SUBTRACTION
            NK_MEASURE_ATMO             Monitor the atmosphere
            NK_W8                       data.w8 is now filled with 1/stddev(data.toi)^2

        NK_PROJECTION                   grid.map_X are produced

        NK_SAVE_SCAN_RESULTS            save, param.project_dir+"/v_1/scanID/results.save"
    end loop on scans
```

bscan are flagged out for projection...