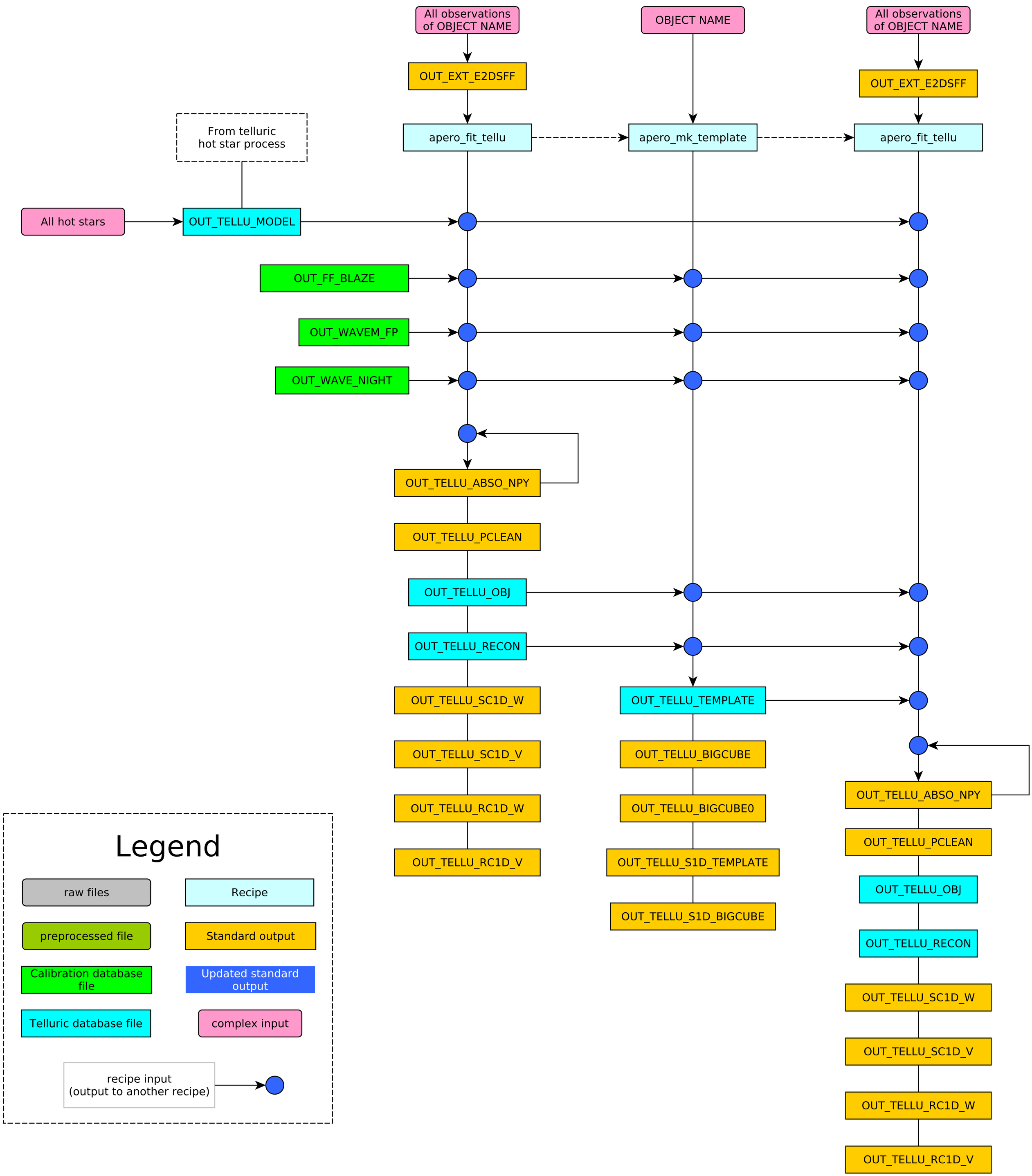Telluric: science targets