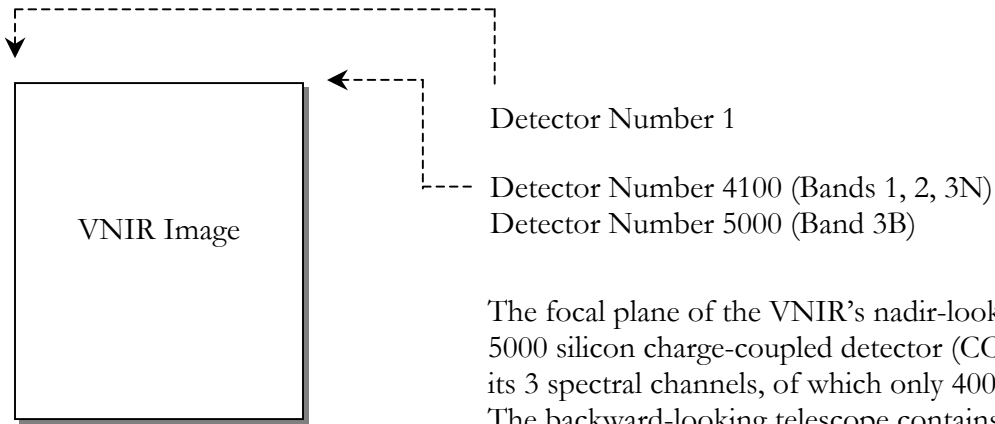
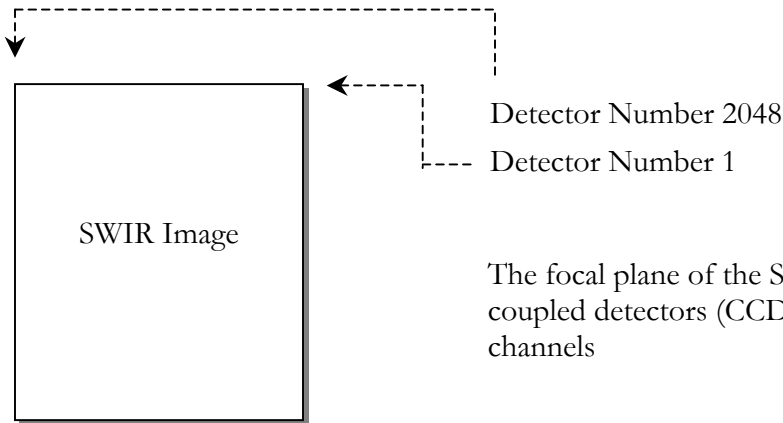


**DETECTOR-PIXEL POSITION RELATIONSHIP FOR ASTER VISIBLE NEAR-
INFRARED & SHORTWAVE INFRA-RED SENSORS**



The focal plane of the VNIR's nadir-looking telescope contains 5000 silicon charge-coupled detector (CCD) line arrays for each of its 3 spectral channels, of which only 4000 are used at any time. The backward-looking telescope contains a similar but single CCD



The focal plane of the SWIR sensor contains 2048 charge-coupled detectors (CCD) line arrays for each of its 6 spectral channels