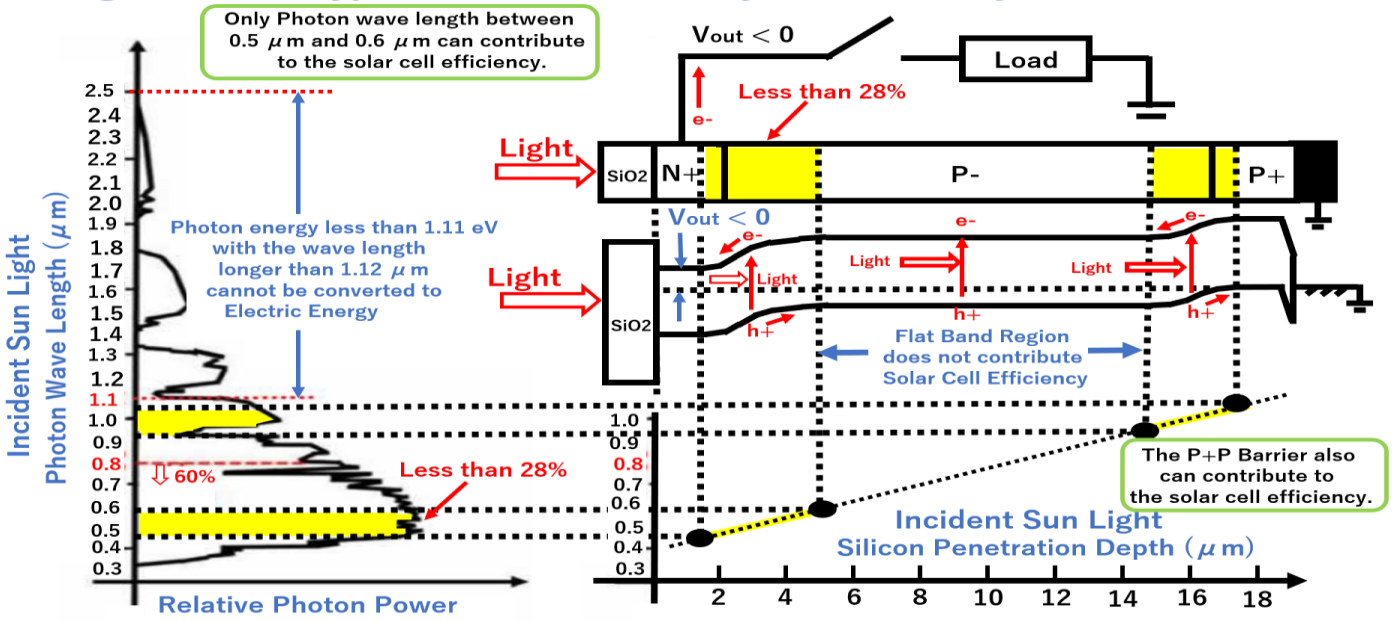
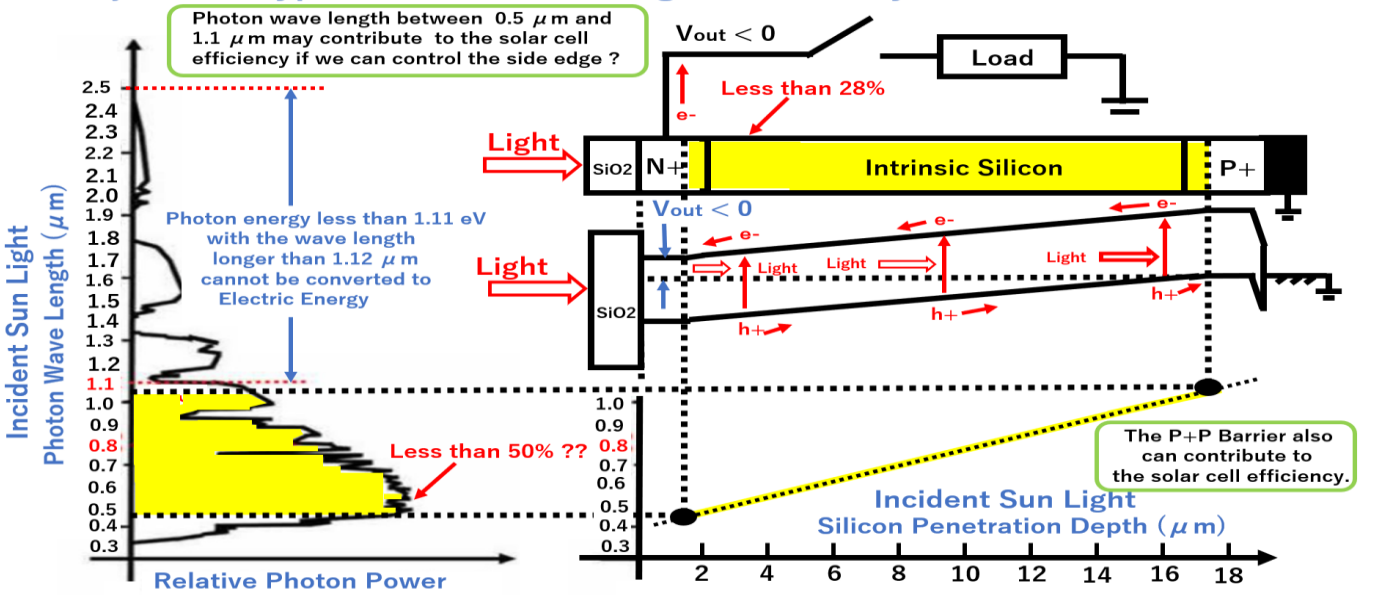
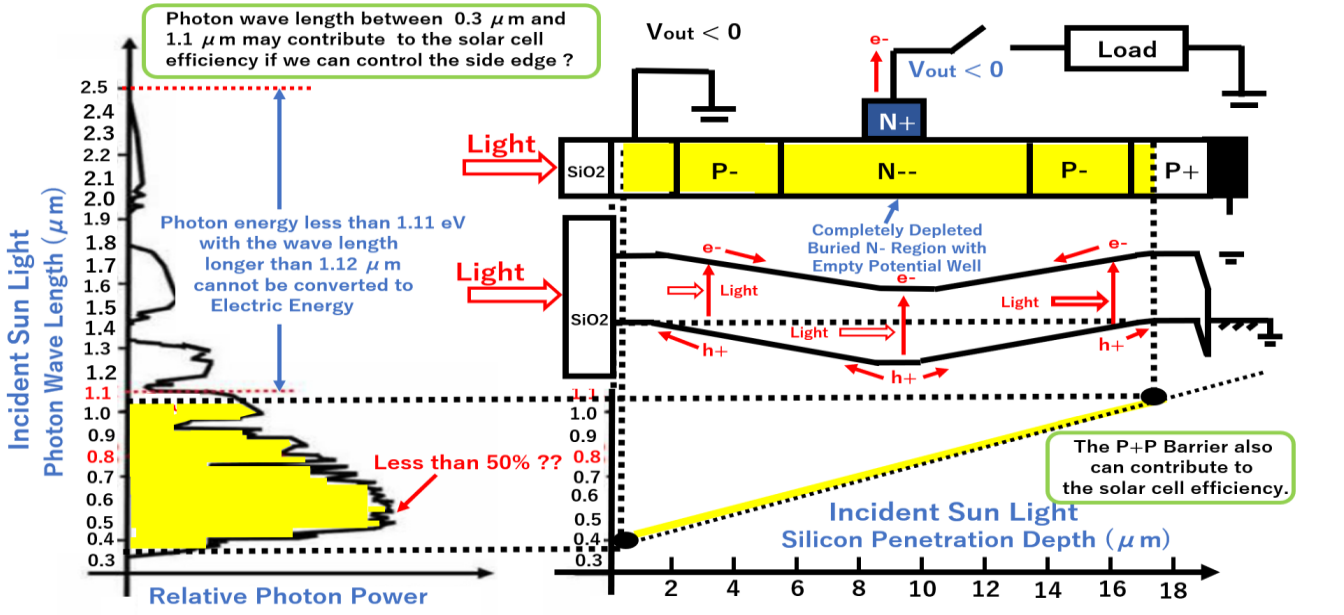
Single Junction type Solar Cell has a very low efficiency of less than 28%.



PIN junction type Solar Cell has a higher efficiency but still less than 28% ??



P+P-N-P-P+ double junction type Solar Cell may have much higher efficiency