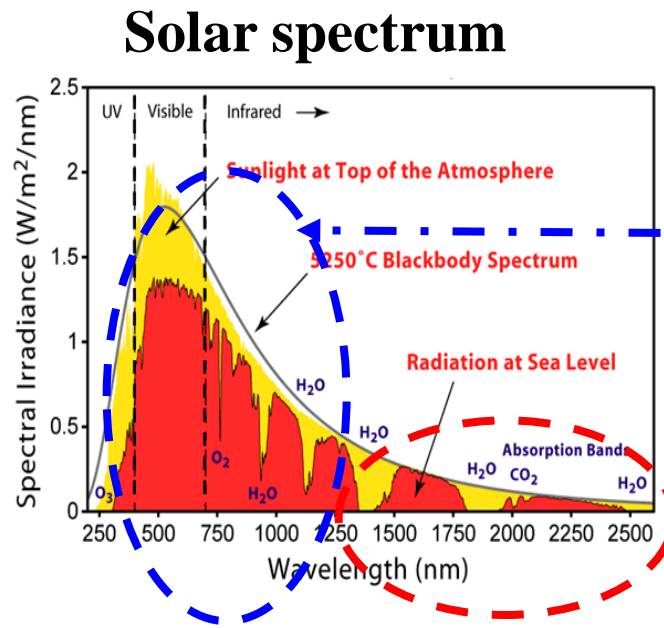
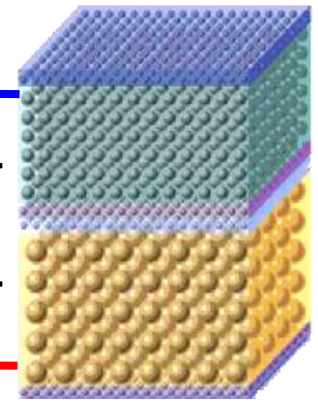
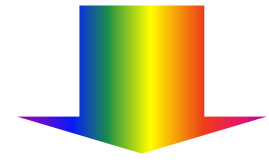
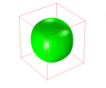
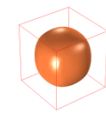
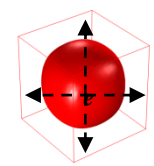


Ultra-high efficiency! Quantum dots solar cell



Quantum size effect



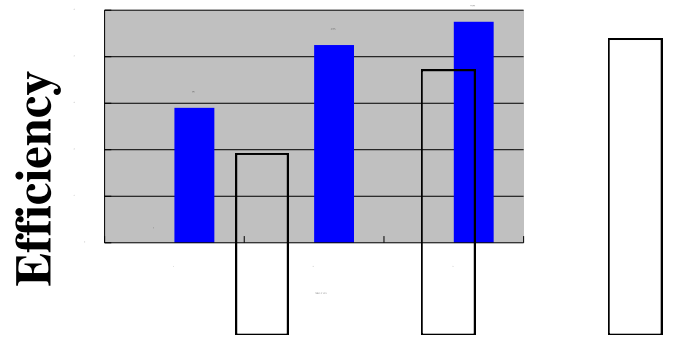
Si solar cell : only absorb red light (>1100 nm)



Quantum size effects...

All-spectrum absorption !

Efficiency \Rightarrow 47.5% !



Junction