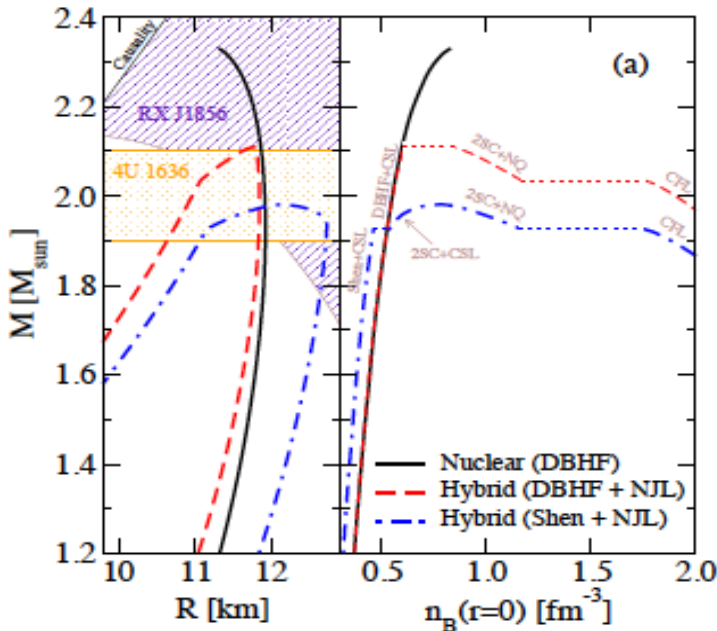
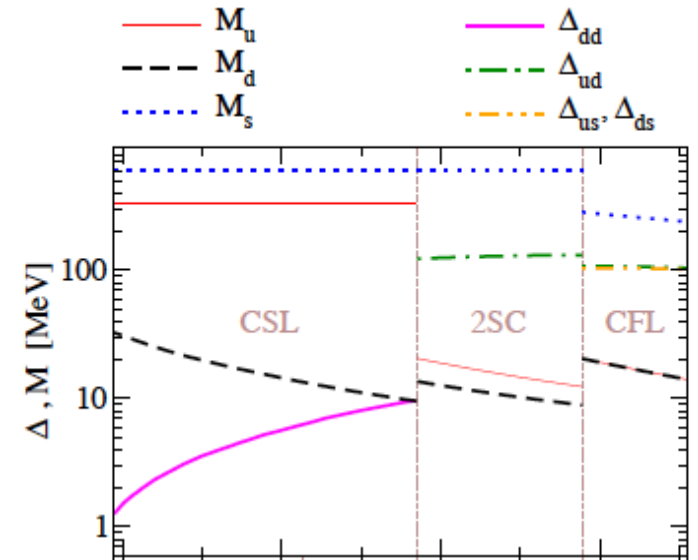
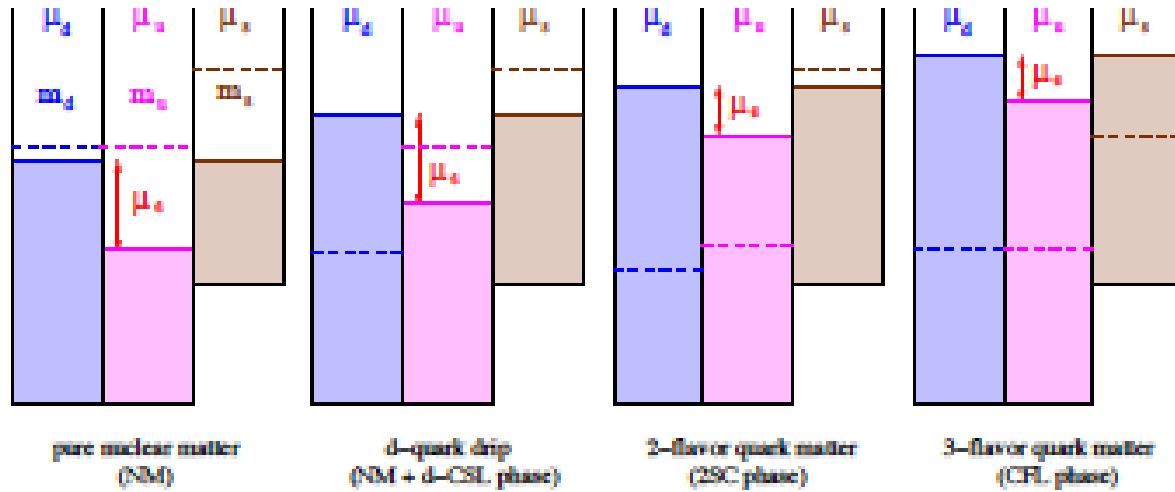


Where to find strange quark matter in Nature – neutron stars ??

1st answer: yes, well known items are strange stars, strange nuggets ... bag model based !

2nd answer: not obvious, sequential deconfinement of flavours – d, u, s ... NJL model based !



- sequential population of Fermi seas of quark flavors
 - single flavor phase possible
 - 2-flavor phase to M_{max}
 - strange quark matter at highest densities only, beyond the maximum mass, on the unstable branch.
- > no strange quark matter in compact stars!

