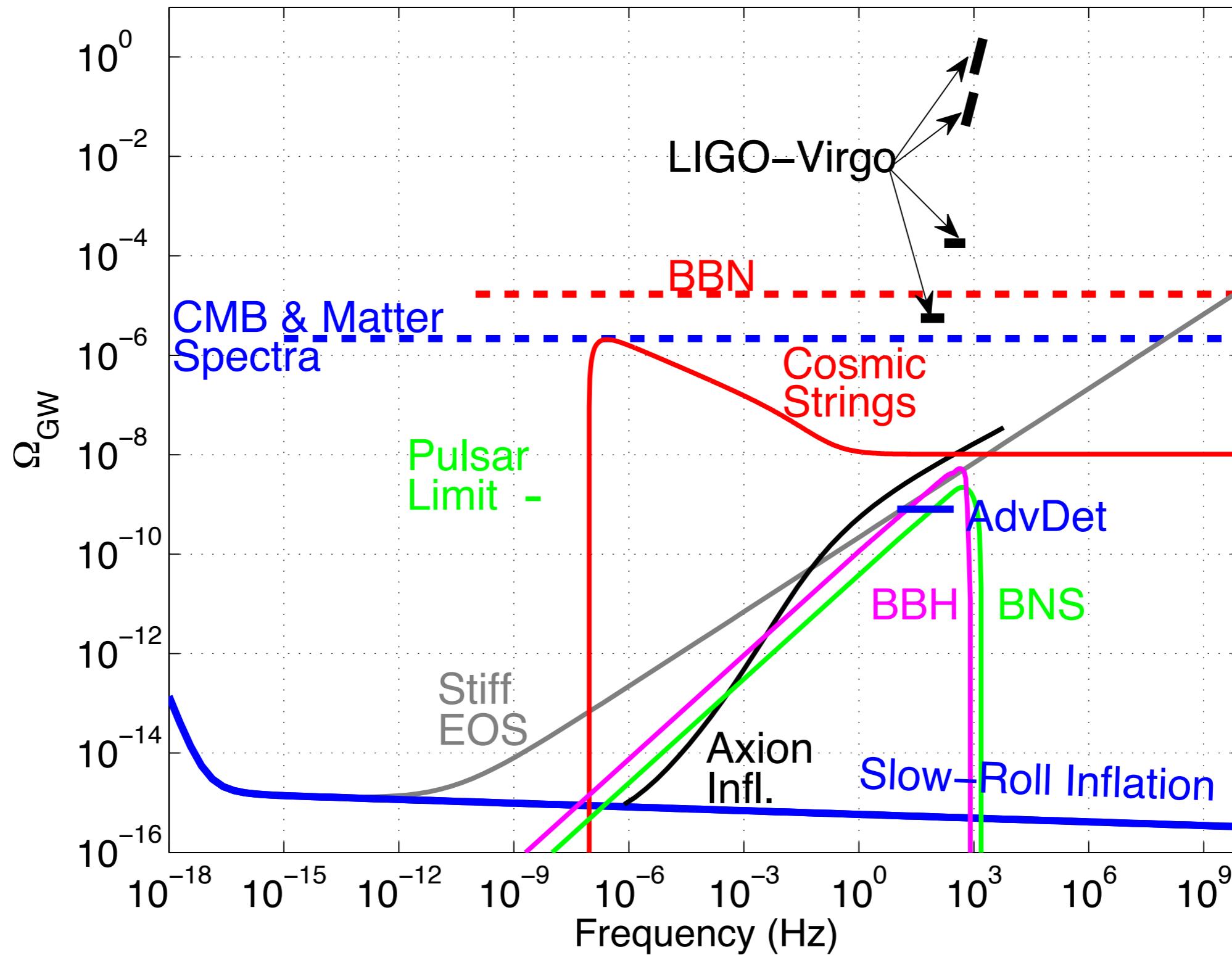


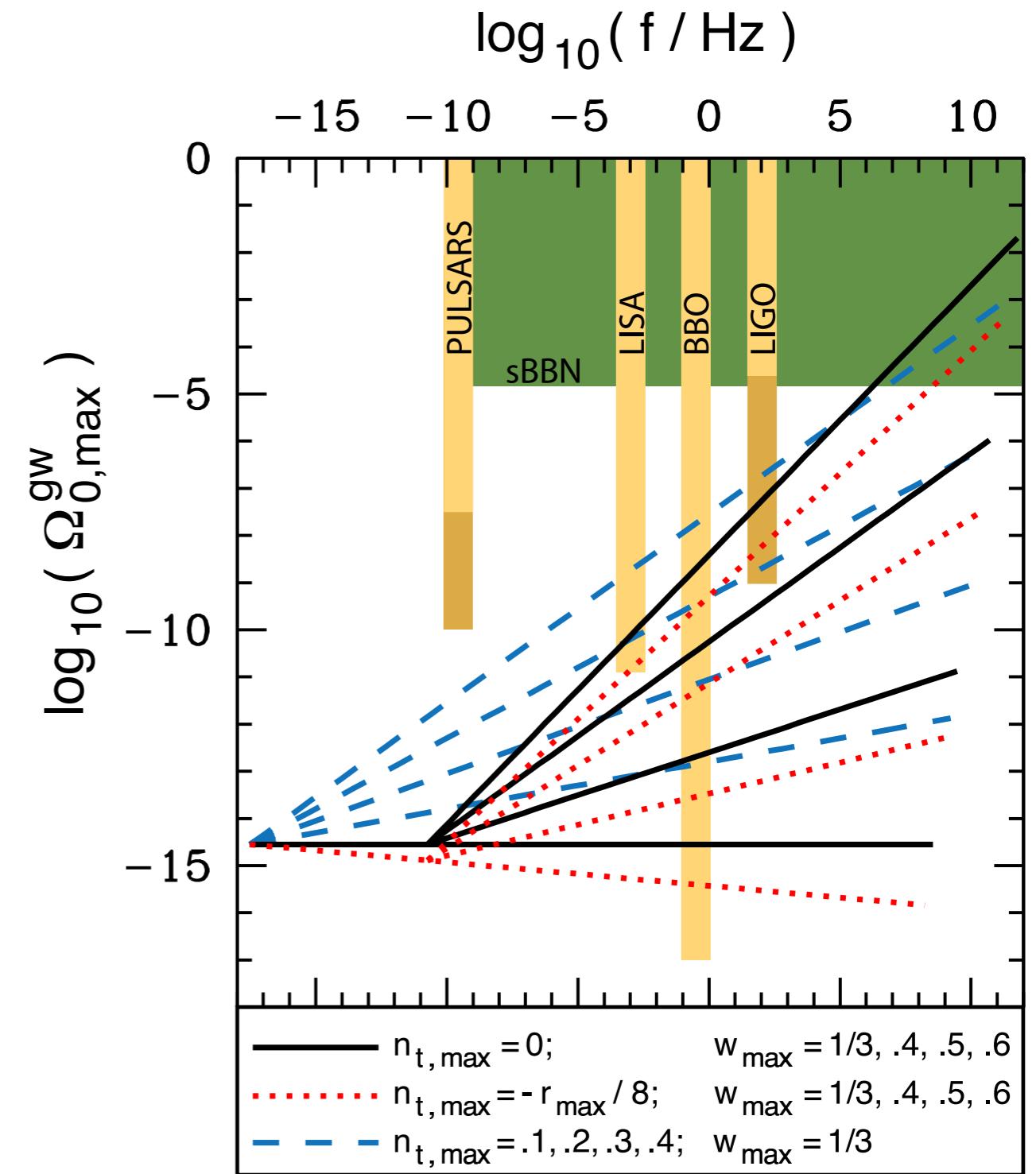
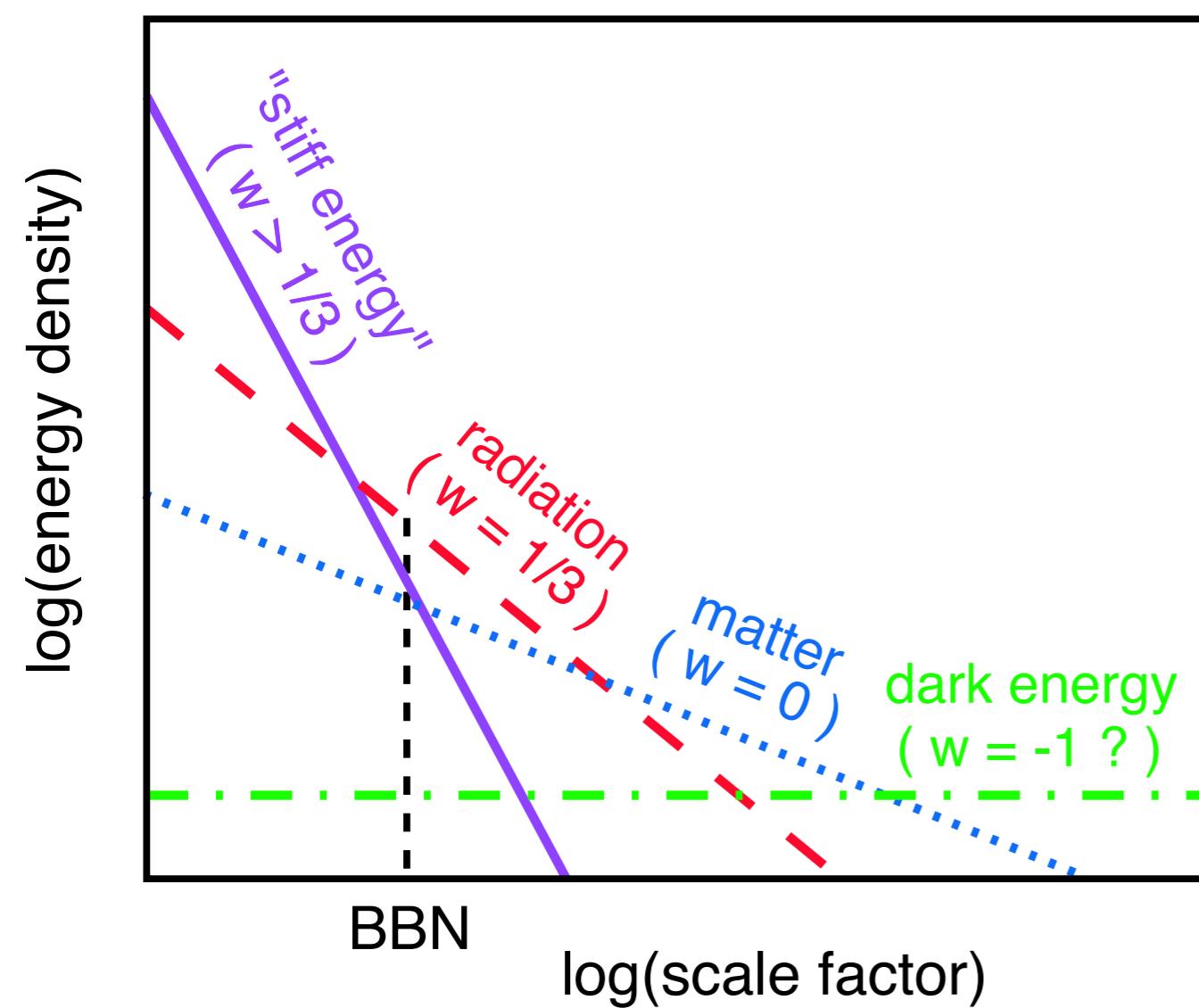
Upper limits of stochastic gravitational-wave background: eLIGO

(Abbott et al. PRL 113 (2014) 231101)



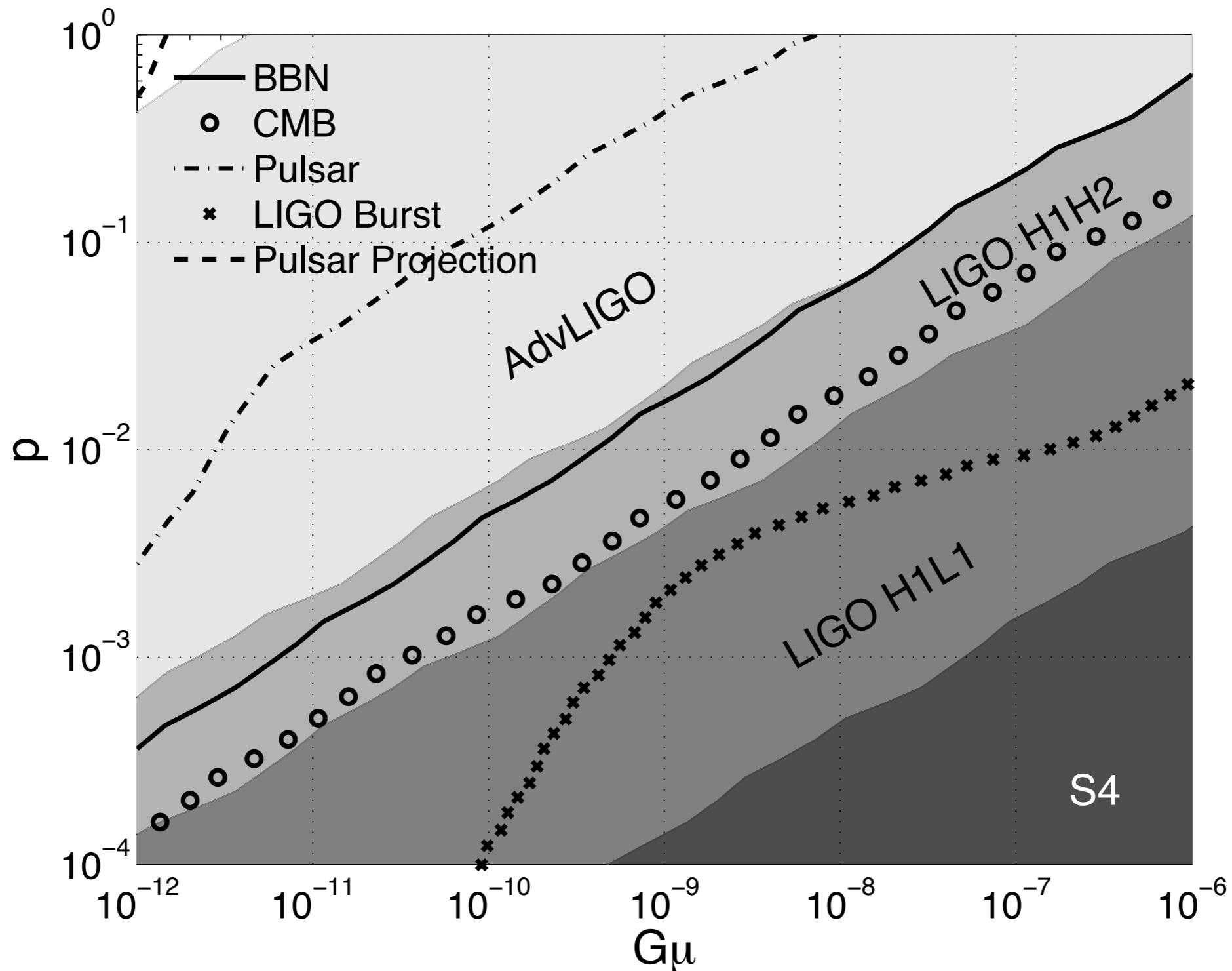
Non-standard stochastic gravitational-wave backgrounds

(Boyle & AB PRD 78 (2008) 043531)



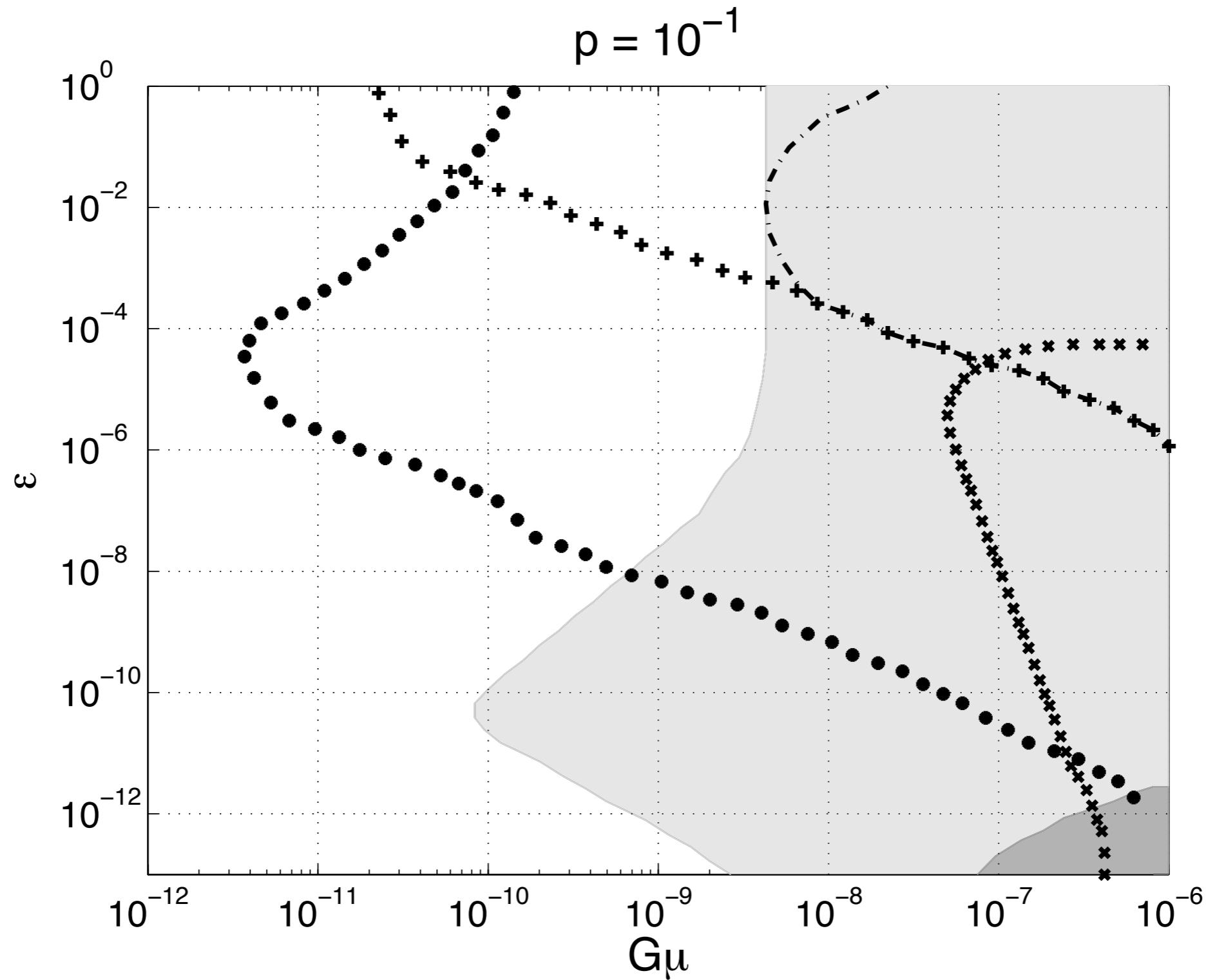
Accessible regions of GW spectrum from (super)strings

(Siemens et al. PRL 98 (2007) 111101)



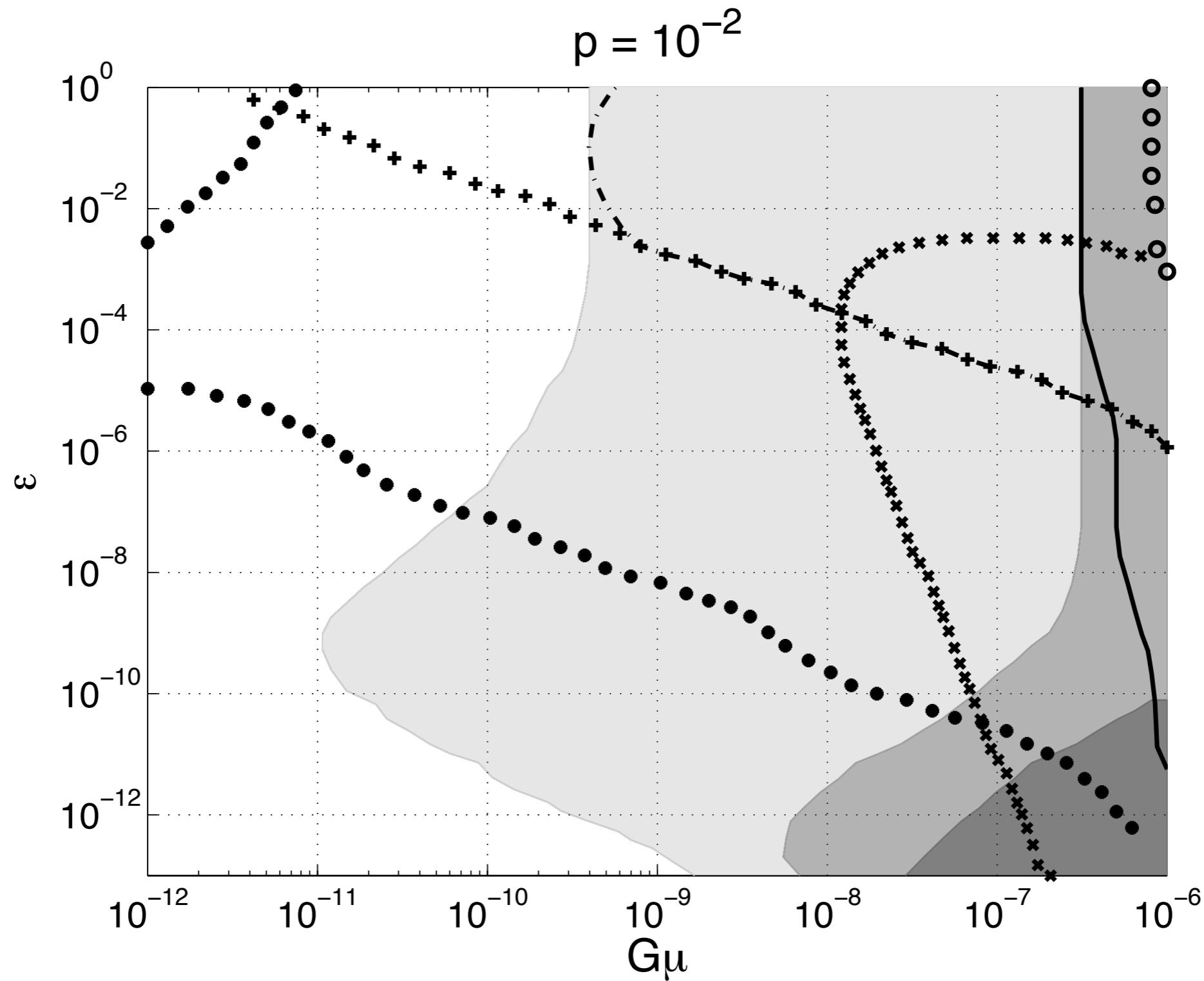
Accessible regions of GW spectrum from (super)strings

(Siemens et al. PRL 98 (2007) 111101)



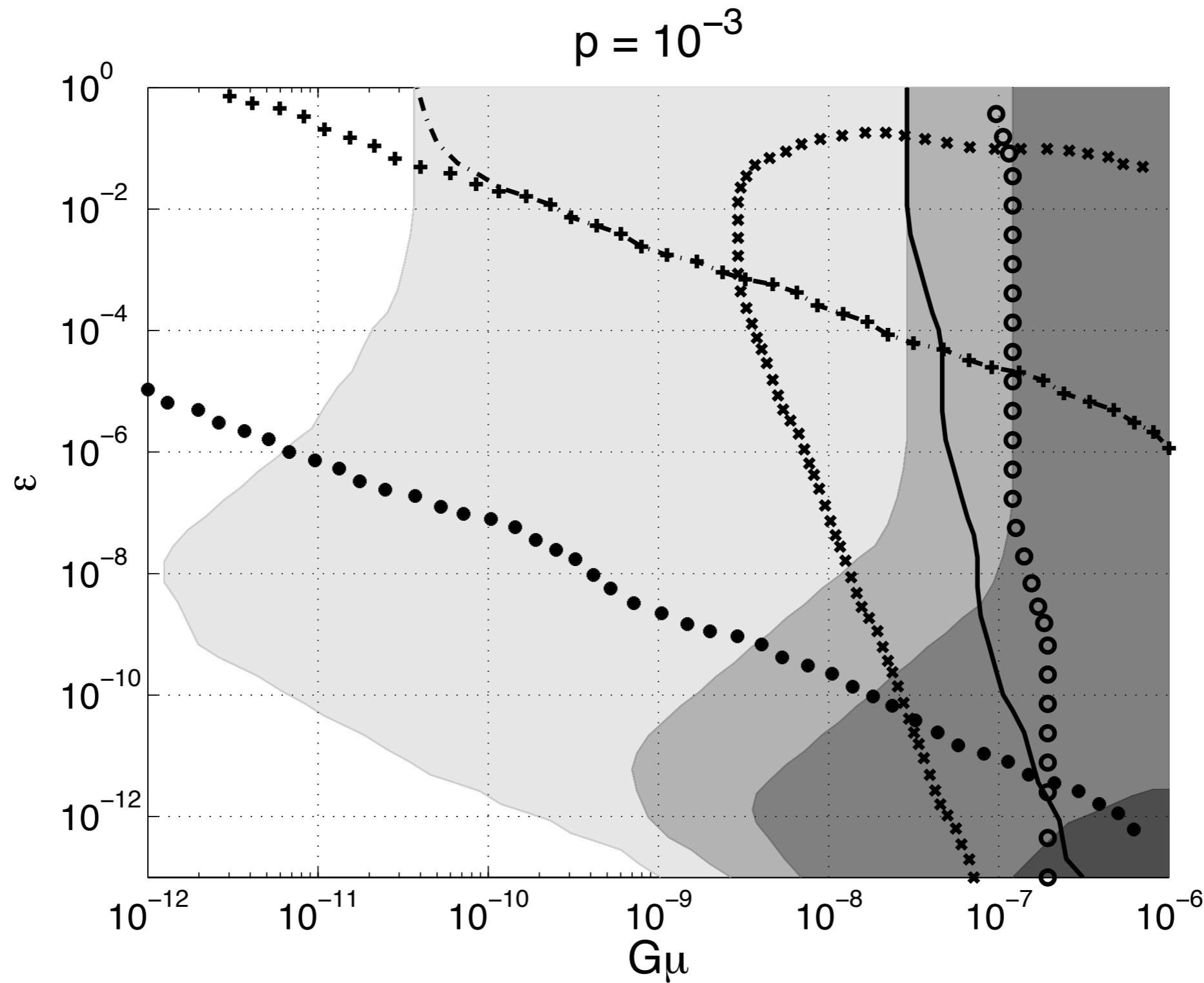
Accessible regions of GW spectrum from (super)strings

(Siemens et al. PRL 98 (2007) 111101)



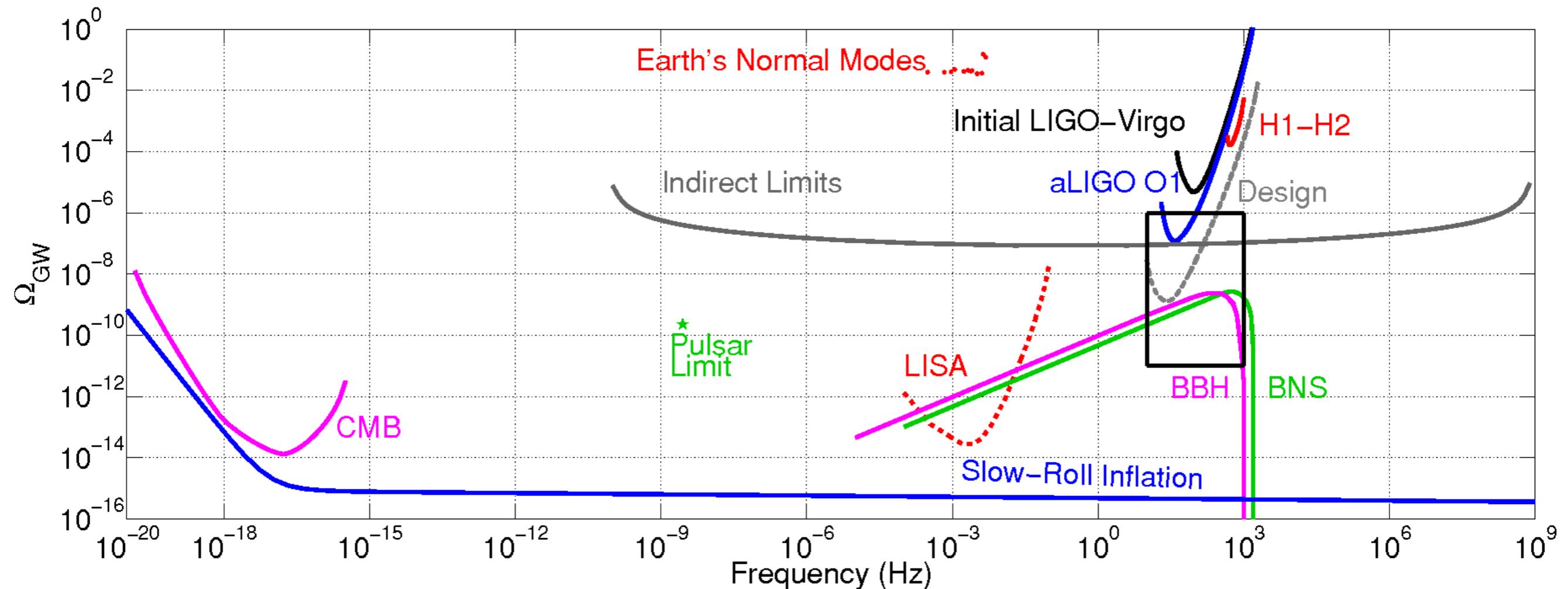
Accessible regions of GW spectrum from (super)strings

(Siemens et al. PRL 98 (2007) 111101)



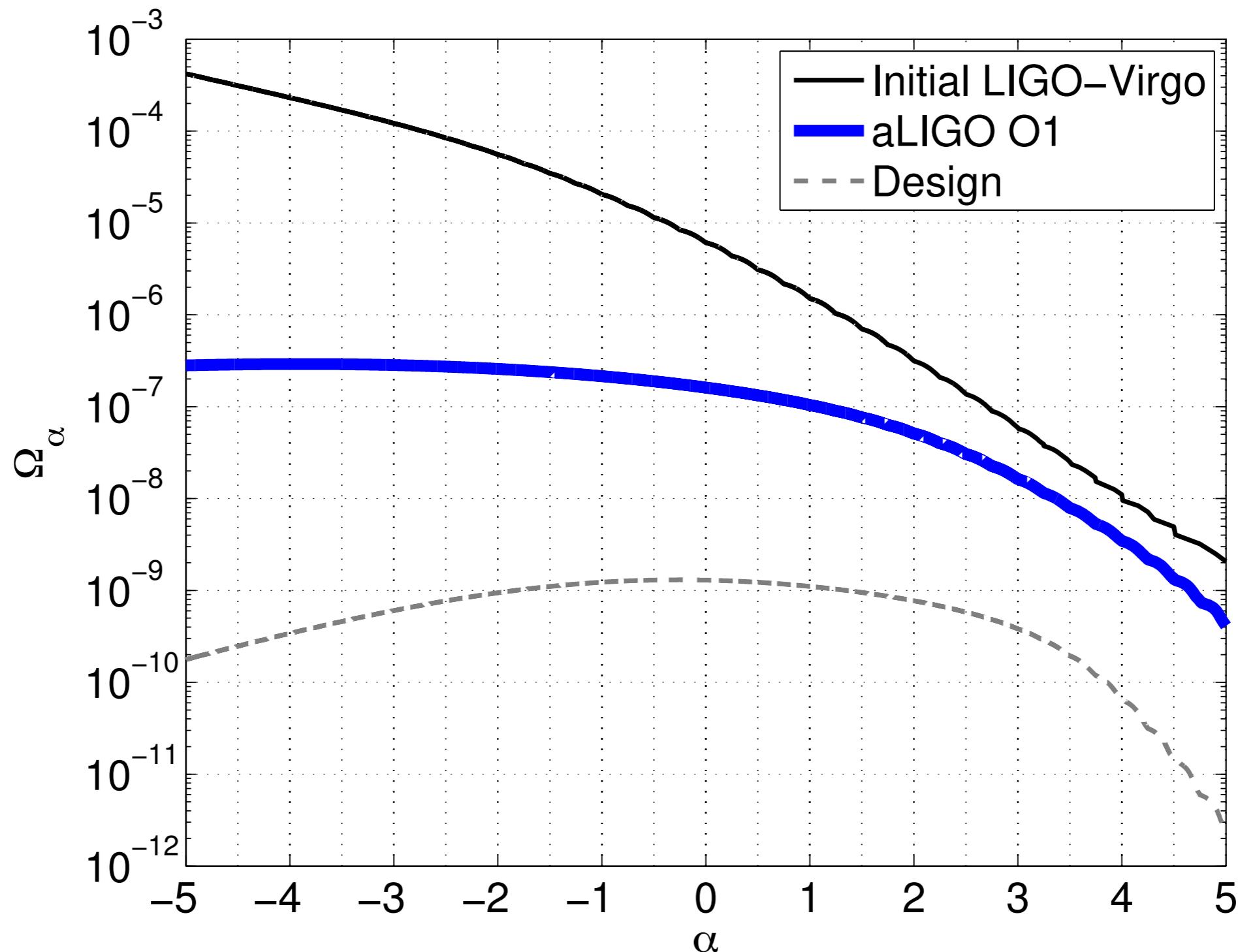
Upper limits of stochastic gravitational-wave background: aLIGO-O1

(Abbott et al. PRL 118 (2016) 121101)



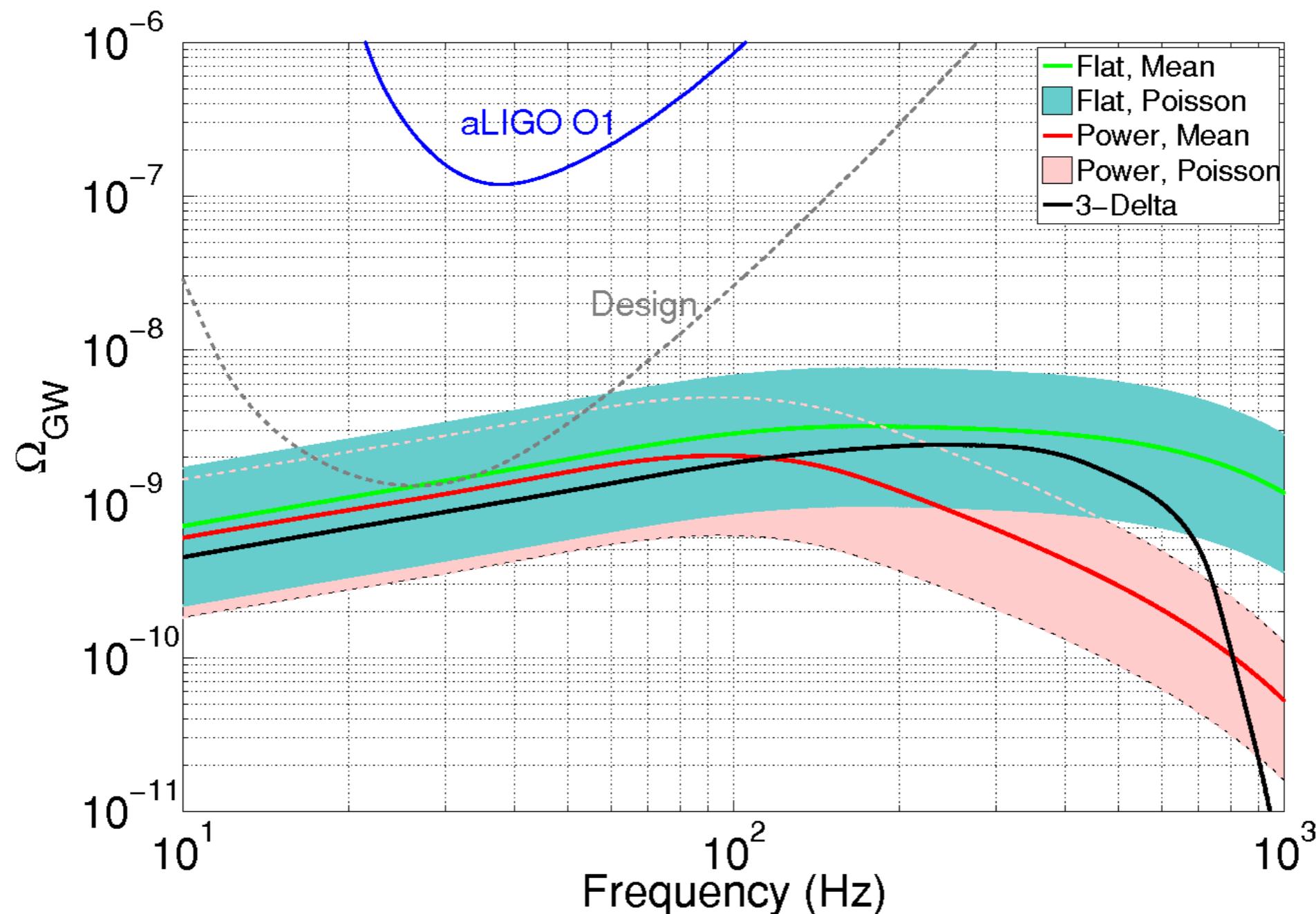
95% confidence contours for stochastic GW background: aLIGO-O1

(Abbott et al. PRL 118 (2016) 121101)

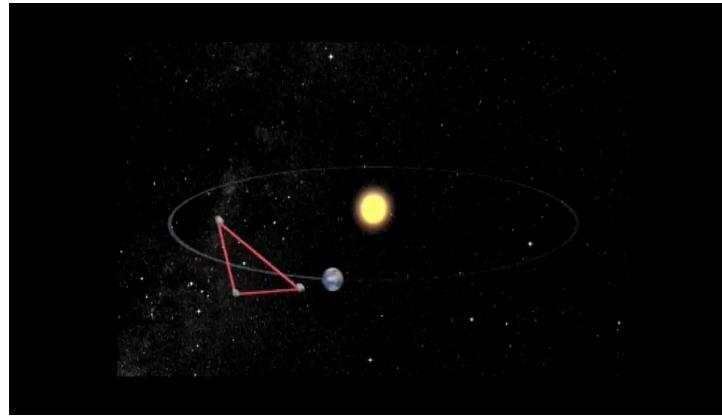


Potential spectra for stochastic GW BBH background: aLIGO-01

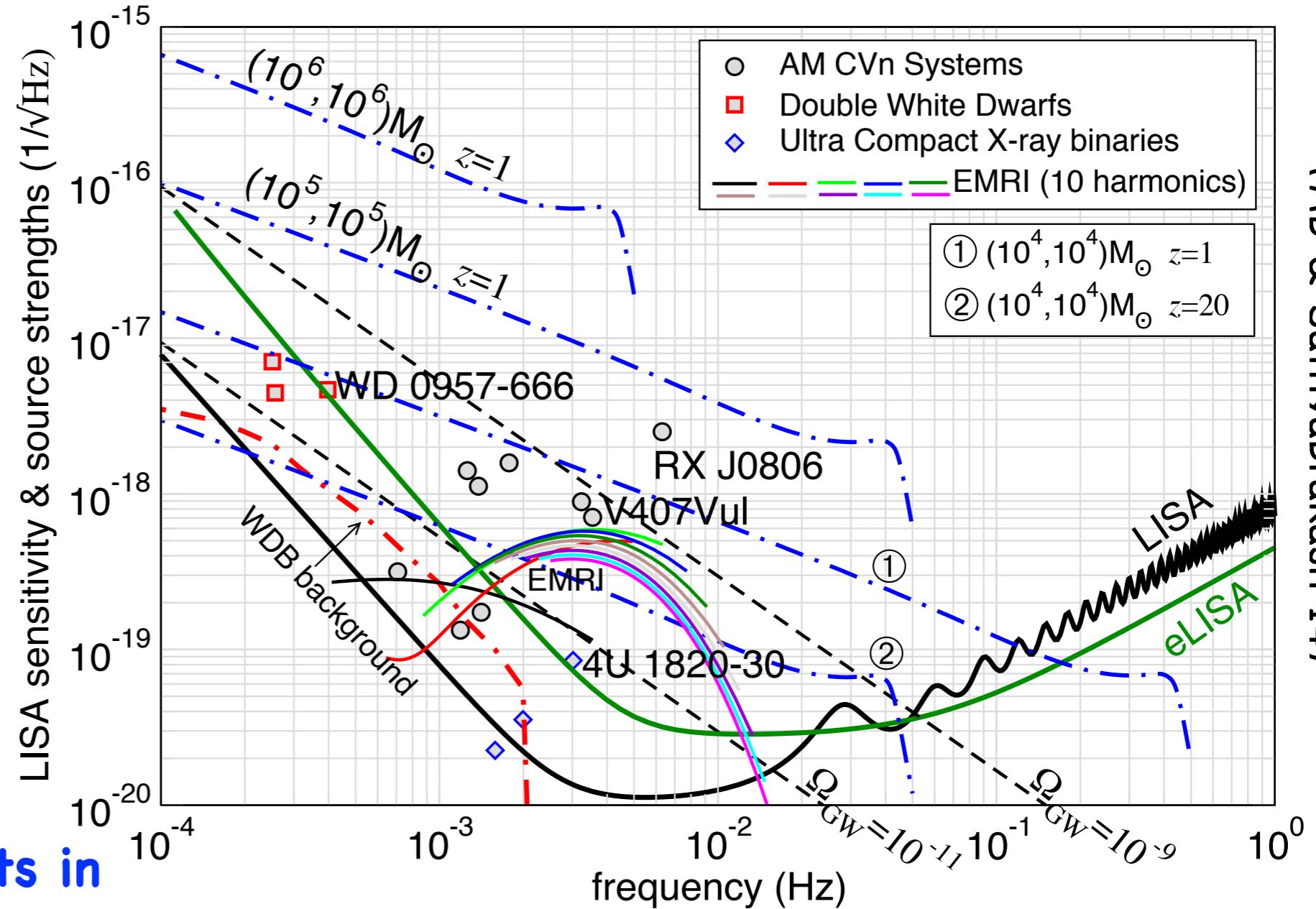
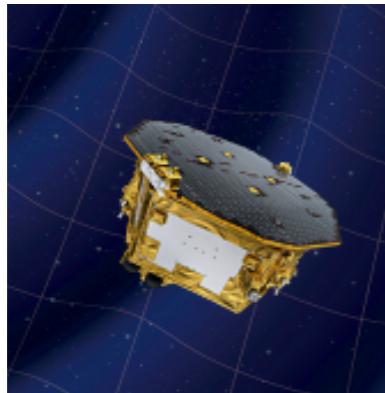
(Abbott et al. PRL 118 (2016) 121101)



The future of GW astronomy lies also in space: LISA (2034)

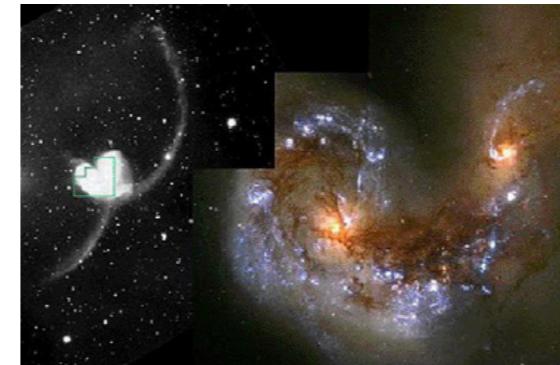


Credit: AEI/Milde Marketing

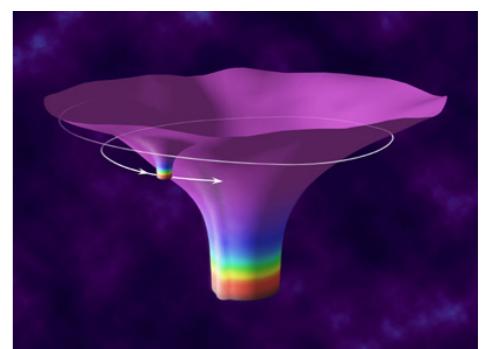


- **LISA Pathfinder results in 2016: extremely successful technology mission. LISA works!**

(Armano et al. PRL 116 (2016) 231101)



SBBH



EMRI

LISA Pathfinder: the “stillest” place in the Universe

- Sub-femto-g free fall!

(Armano et al. PRL 116 (2016) 231101)

