Fig.1

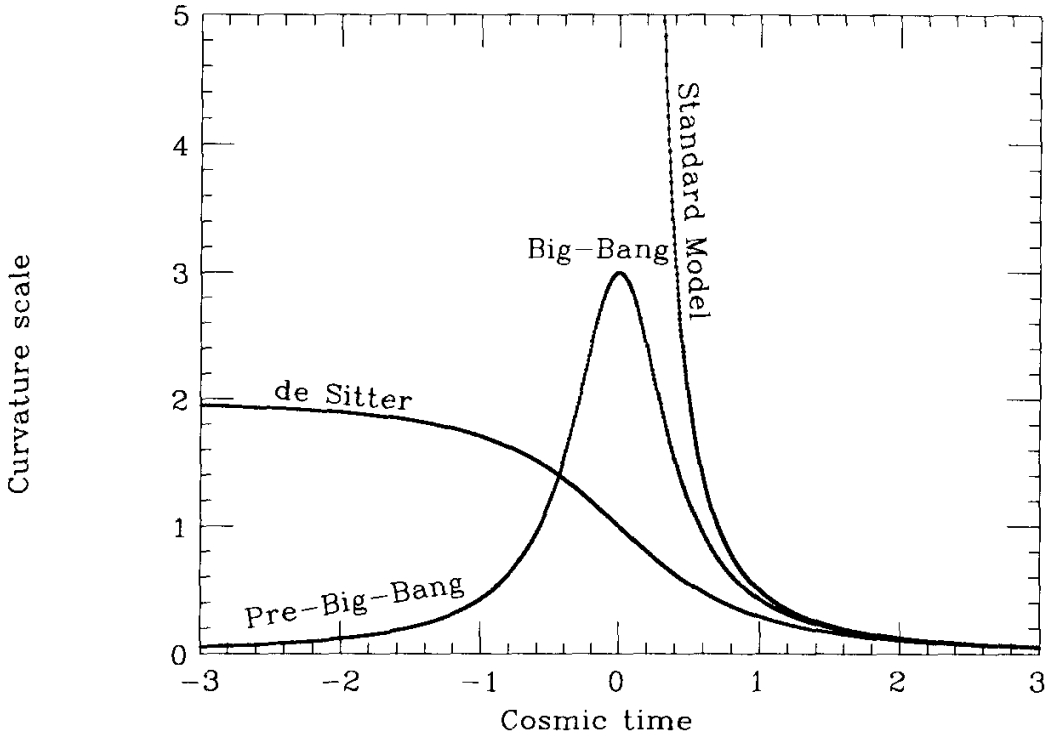
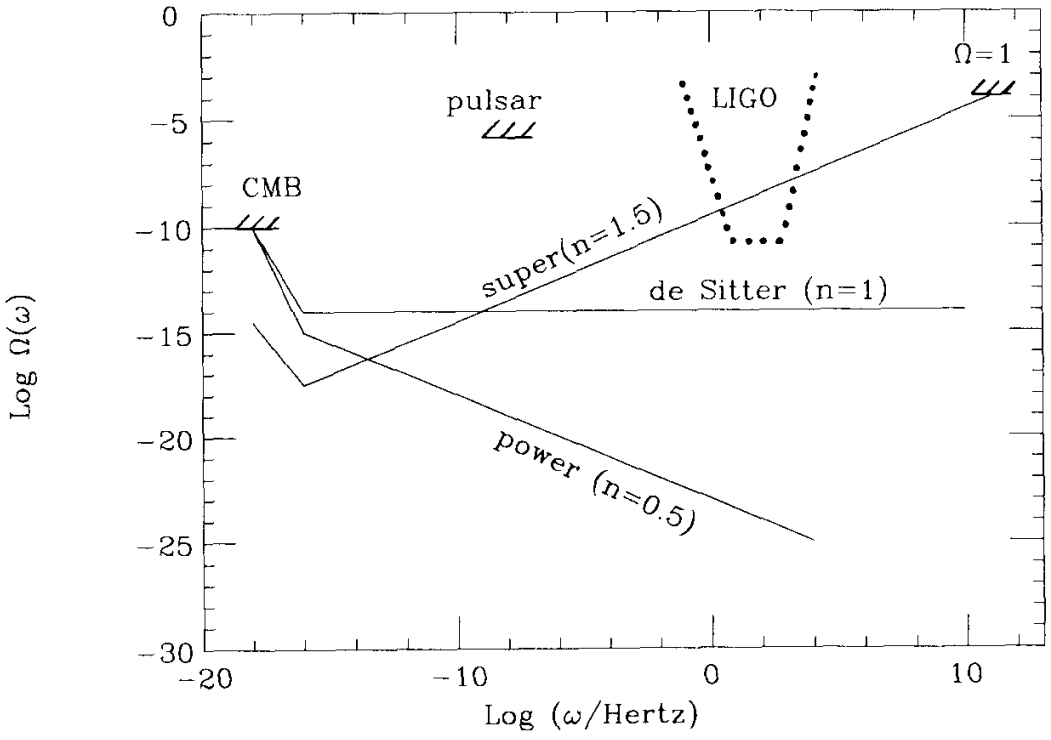

Curvature scale
Standard Model
Big−Bang
de Sitter
Pre−Big−Bang
Cosmic time
5
4
3
2
1
0
−3
−2
−1
0
1
2
3

Fig.2


Log Ω(ω)
pulsar
LIGO
Ω=1
CMB
super(n=1.5)
de Sitter (n=1)
power (n=0.5)
Log (ω/Hertz)
0
−5
−10
−15
−20
−25
−30
−20
−10
0
10