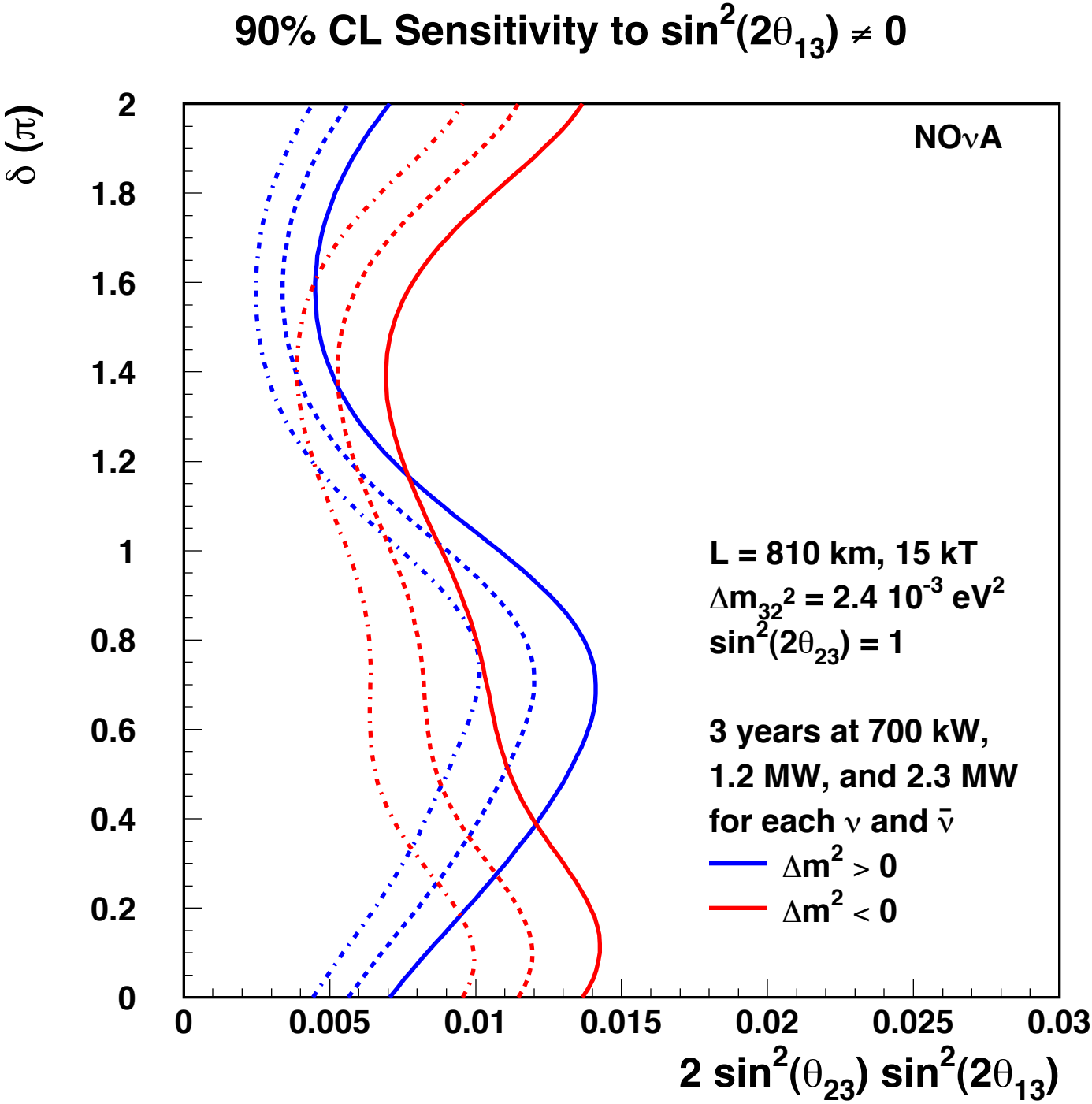
90% CL Sensitivity to $\sin^2(2\theta_{13}) \neq 0$
NOνA
L = 810 km, 15 kT
$\Delta m_{32}^2 = 2.4\ 10^{-3}\ eV^2$
$\sin^2(2\theta_{23}) = 1$
3 years at 700 kW,
1.2 MW, and 2.3 MW
for each ν and $\bar{\nu}$
$\Delta m^2 > 0$
$\Delta m^2 < 0$
δ (π)
$2\sin^2(\theta_{23})\sin^2(2\theta_{13})$
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0.005
0.01
0.015
0.02
0.025
0.03