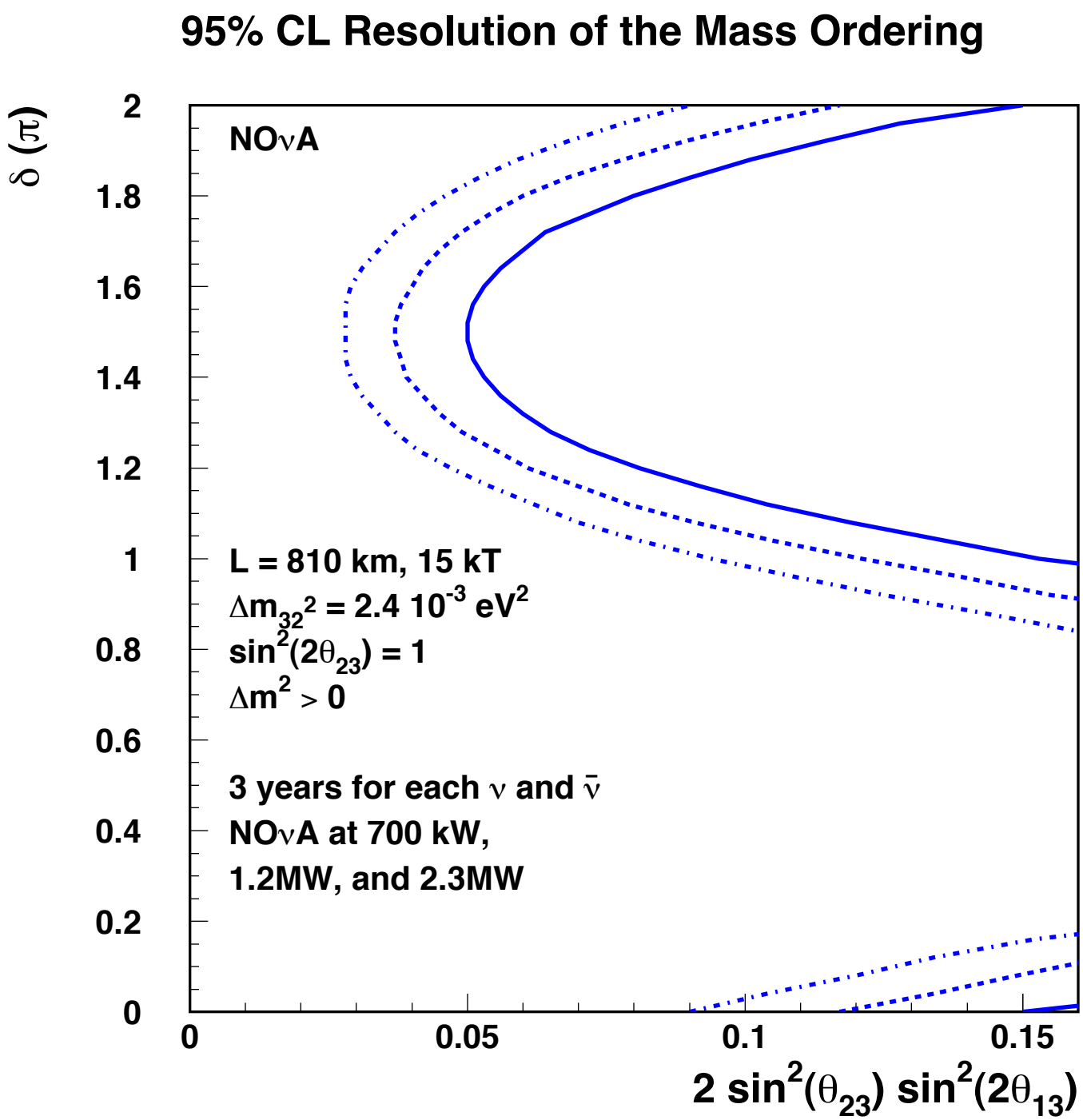
95% CL Resolution of the Mass Ordering
NOνA
L = 810 km, 15 kT
$\Delta m_{32}^2 = 2.4\ 10^{-3}\ eV^2$
$\sin^2(2\theta_{23}) = 1$
$\Delta m^2 > 0$
3 years for each ν and $\bar{\nu}$
NOνA at 700 kW,
1.2MW, and 2.3MW
δ (π)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.05
0.1
0.15
$2 \sin^2(\theta_{23}) \sin^2(2\theta_{13})$