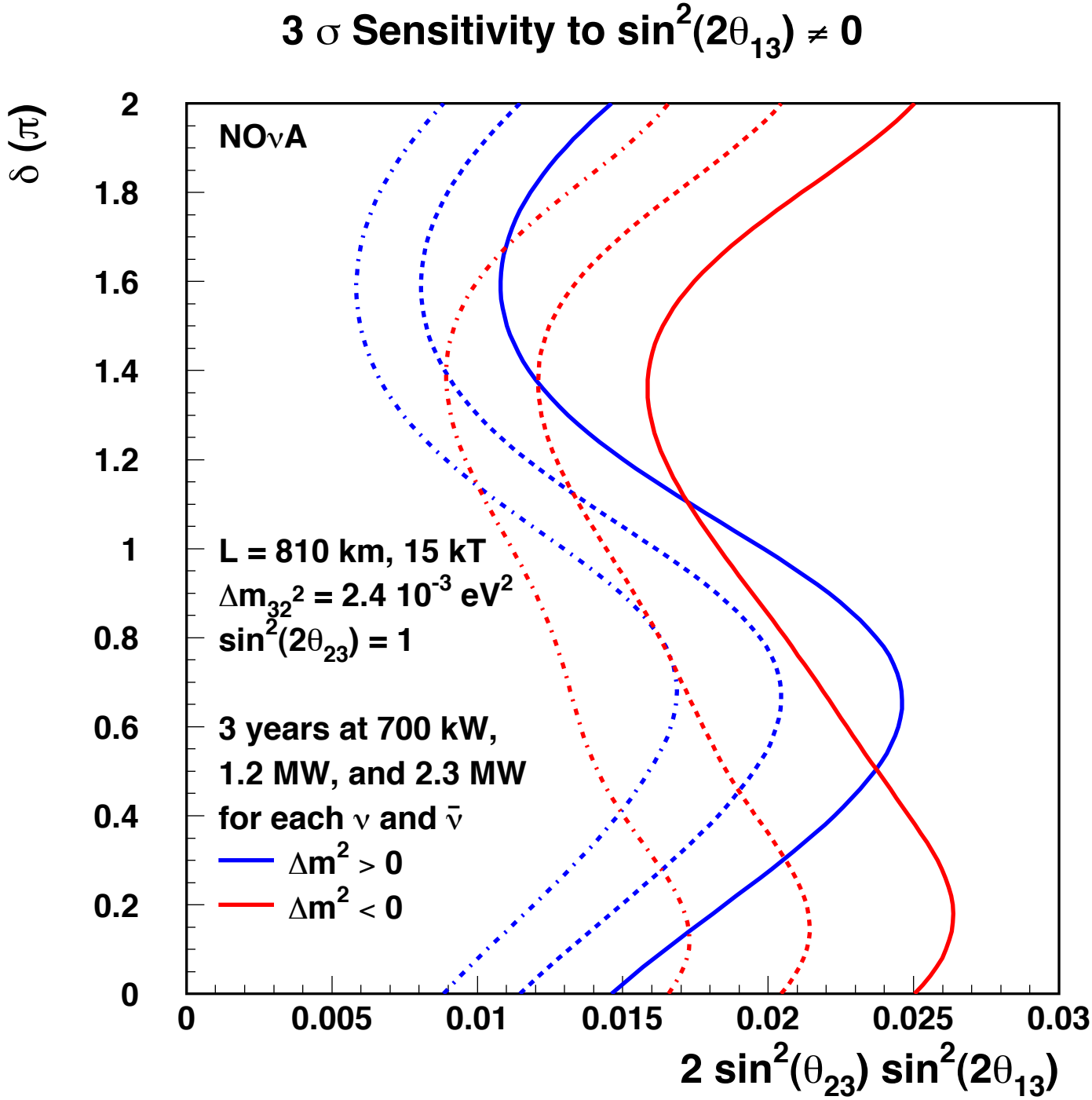
3 σ Sensitivity to sin²(2θ13) ≠ 0
NOνA
L = 810 km, 15 kT
Δm32² = 2.4 10⁻³ eV²
sin²(2θ23) = 1
3 years at 700 kW,
1.2 MW, and 2.3 MW
for each ν and ν̄
Δm² > 0
Δm² < 0
δ (π)
2 sin²(θ23) sin²(2θ13)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0.005
0.01
0.015
0.02
0.025
0.03