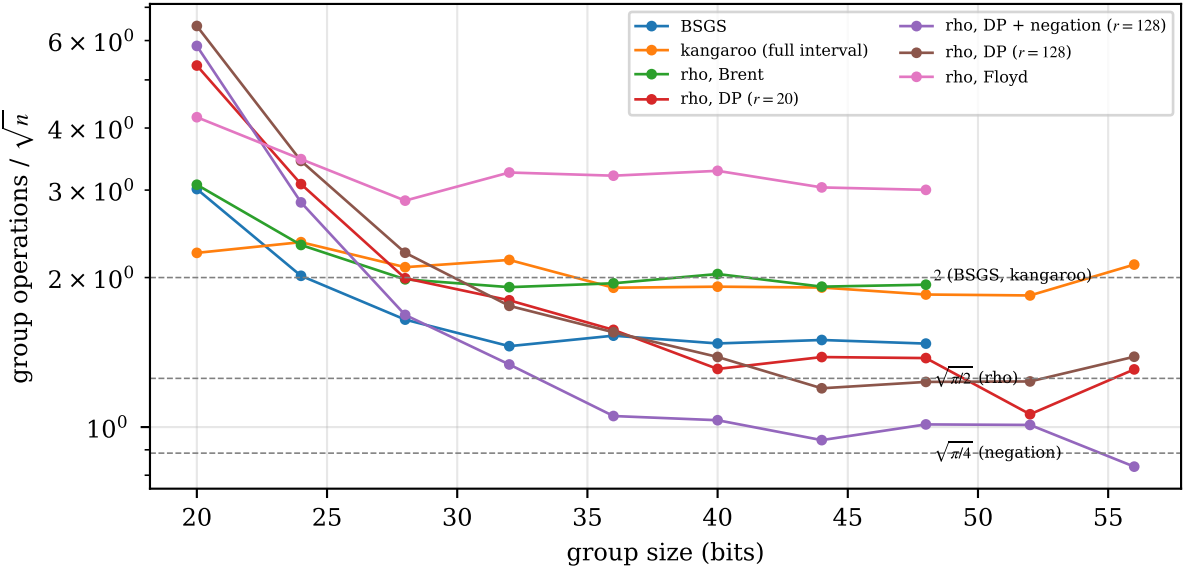

BSGS
kangaroo (full interval)
rho, Brent
rho, DP ($r = 20$)
rho, DP + negation ($r = 128$)
rho, DP ($r = 128$)
rho, Floyd
group operations / $\sqrt{n}$
6×10^0
4×10^0
3×10^0
2×10^0
10^0
2 (BSGS, kangaroo)
$\sqrt{\pi/2}$ (rho)
$\sqrt{\pi/4}$ (negation)
20
25
30
35
40
45
50
55
group size (bits)