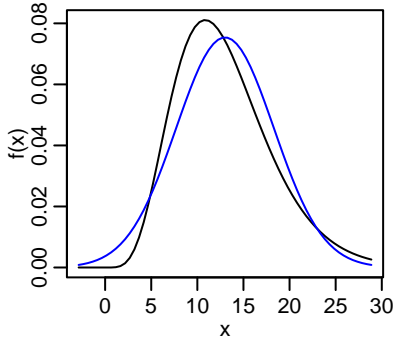
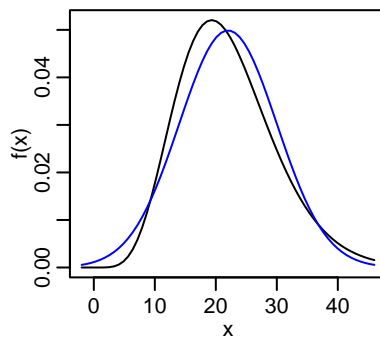


non-central chisq(*, df= 12) and normal approx

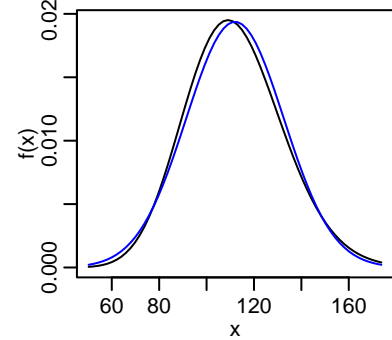
ncp = 1



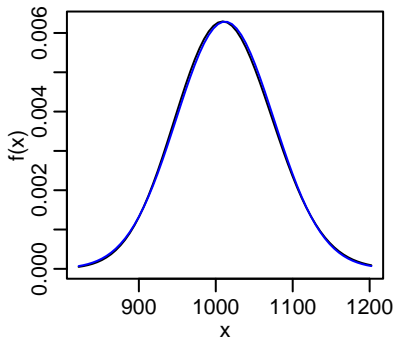
ncp = 10



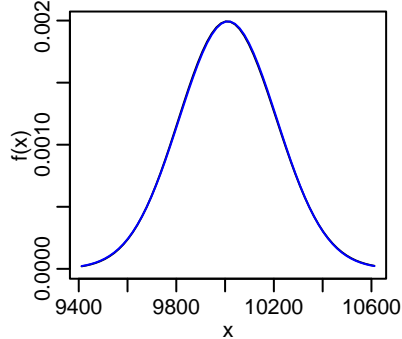
ncp = 100



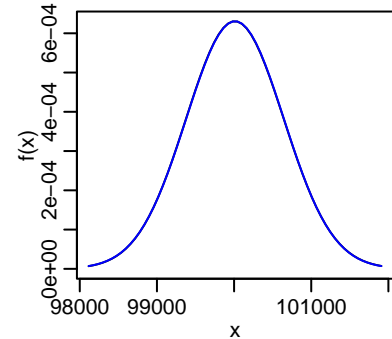
ncp = 1000



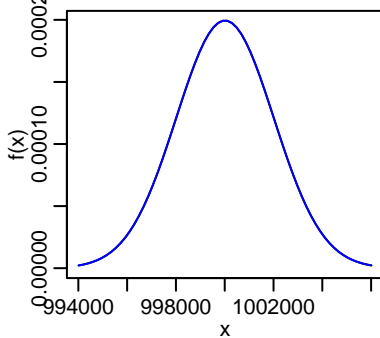
ncp = 10000



ncp = 1e+05

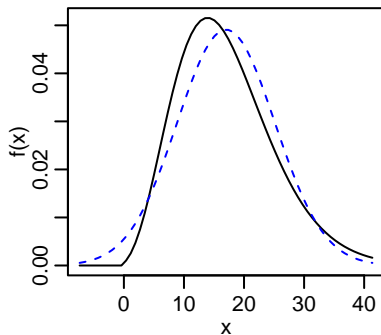


ncp = 1e+06

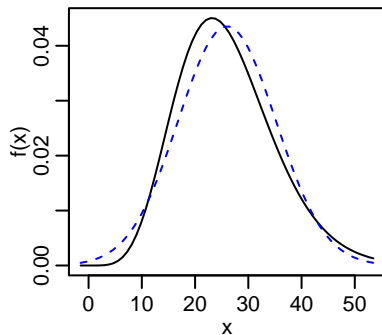


non-central chisq(ncp = 16) and normal approx

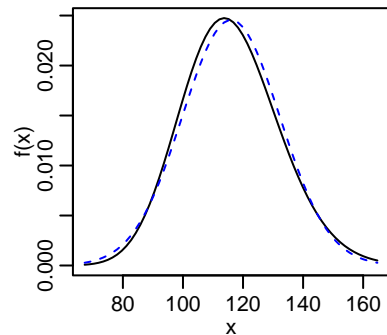
df = 1



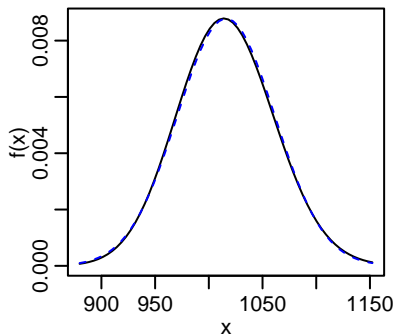
df = 10



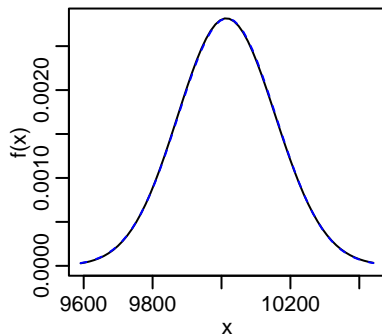
df = 100



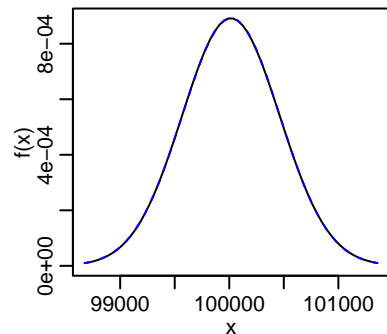
df = 1000



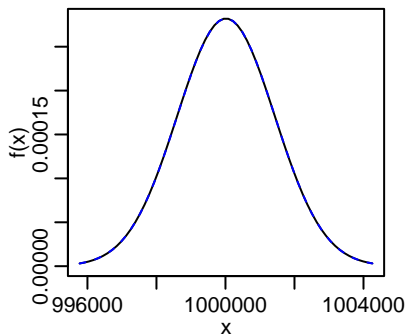
df = 10000



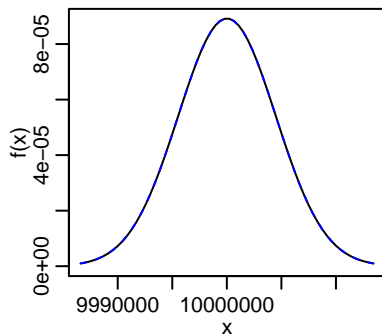
df = 1e+05



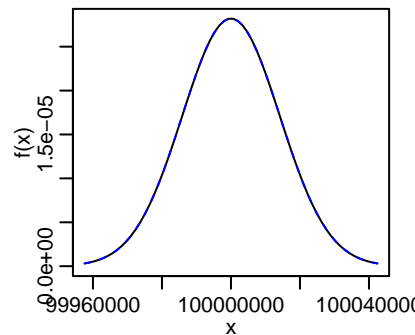
df = 1e+06

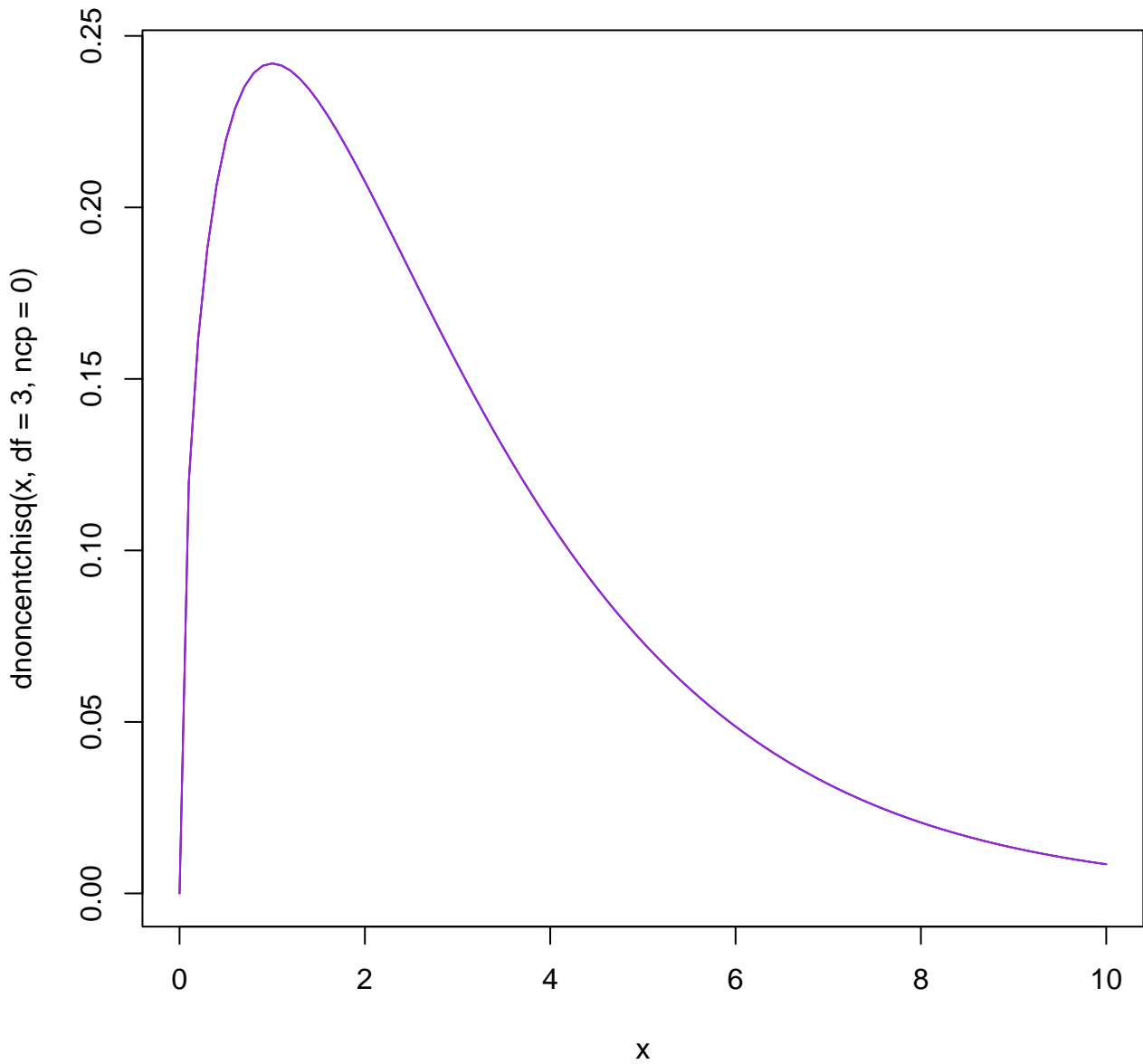


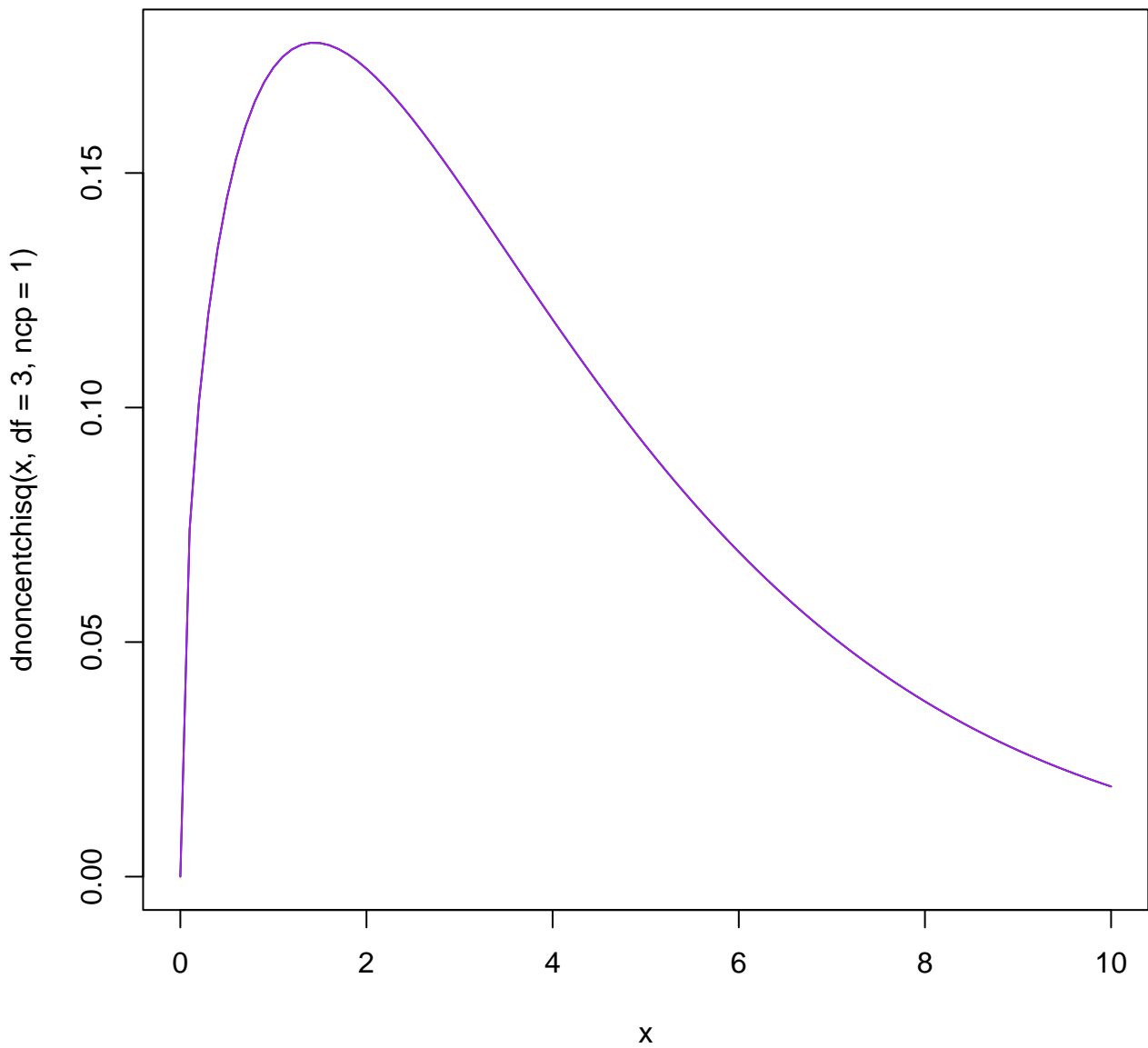
df = 1e+07



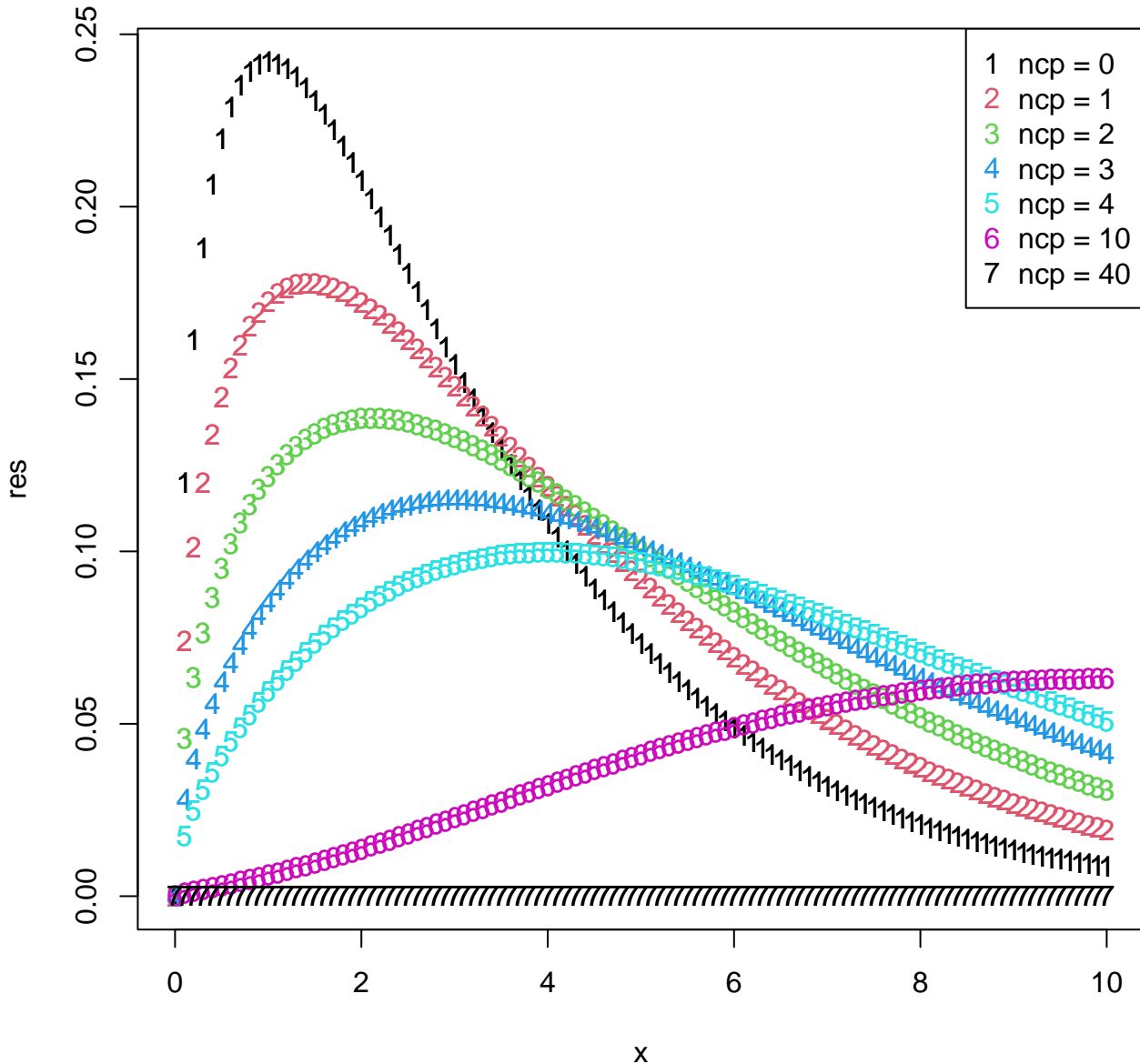
df = 1e+08



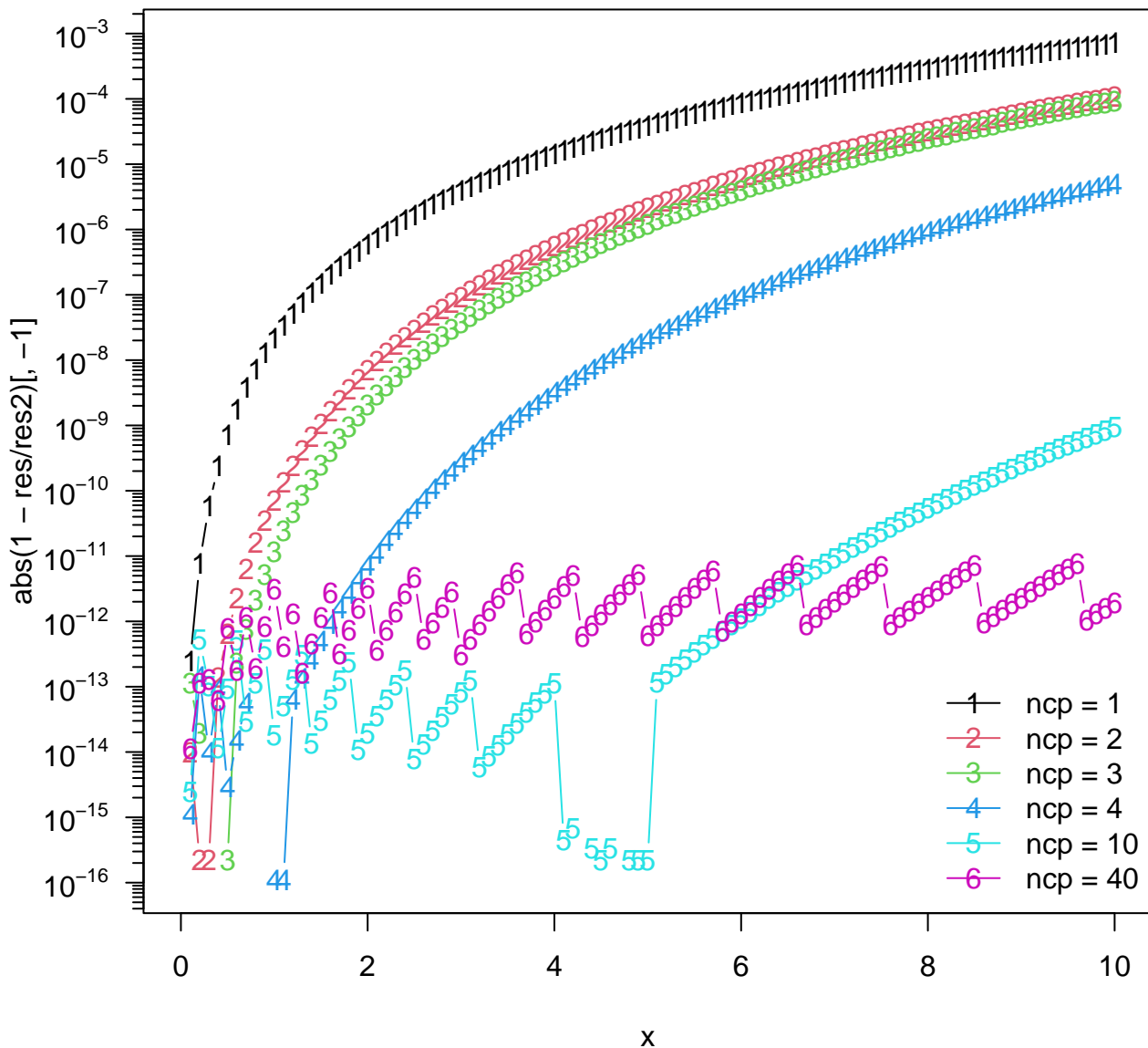


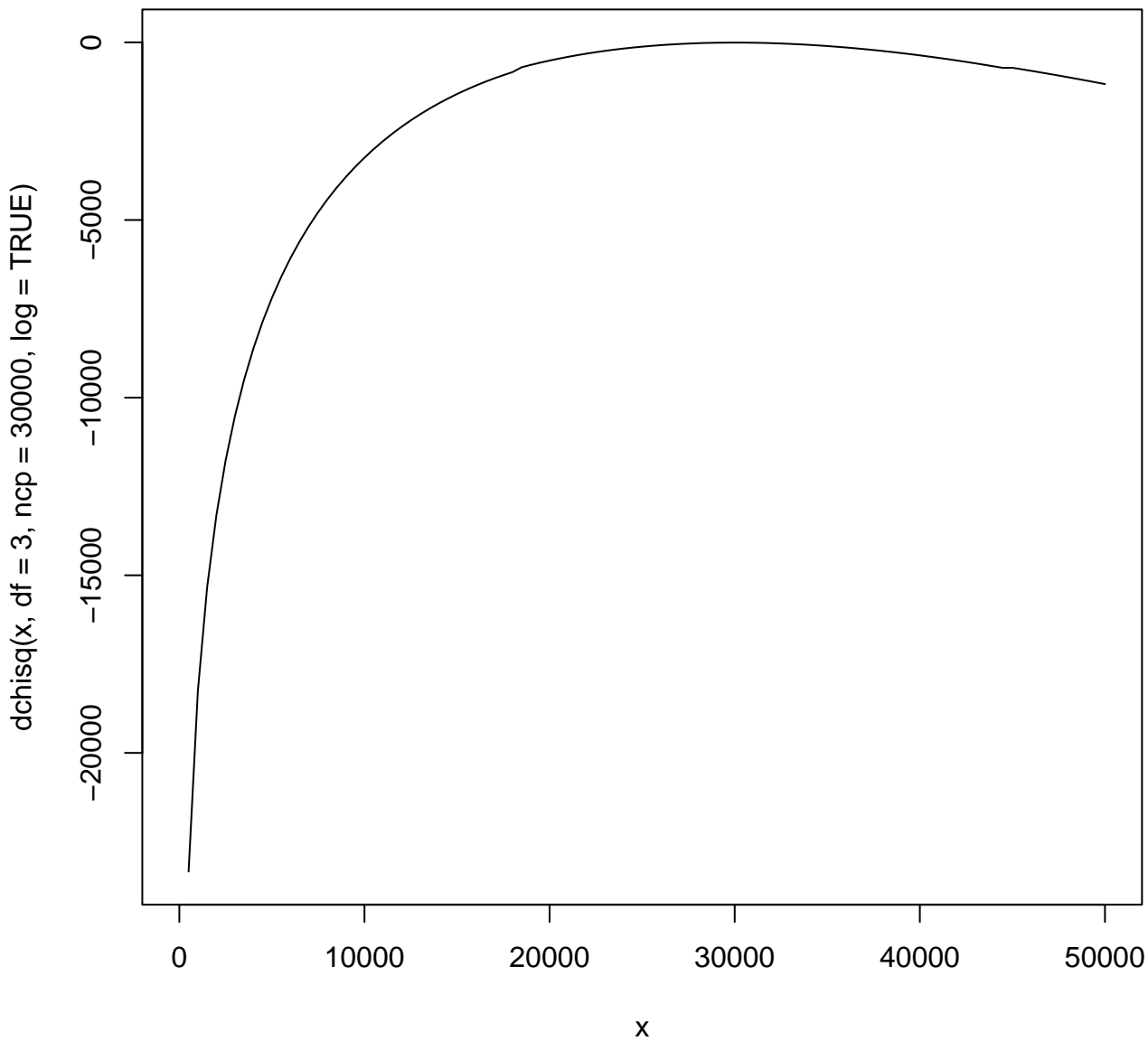


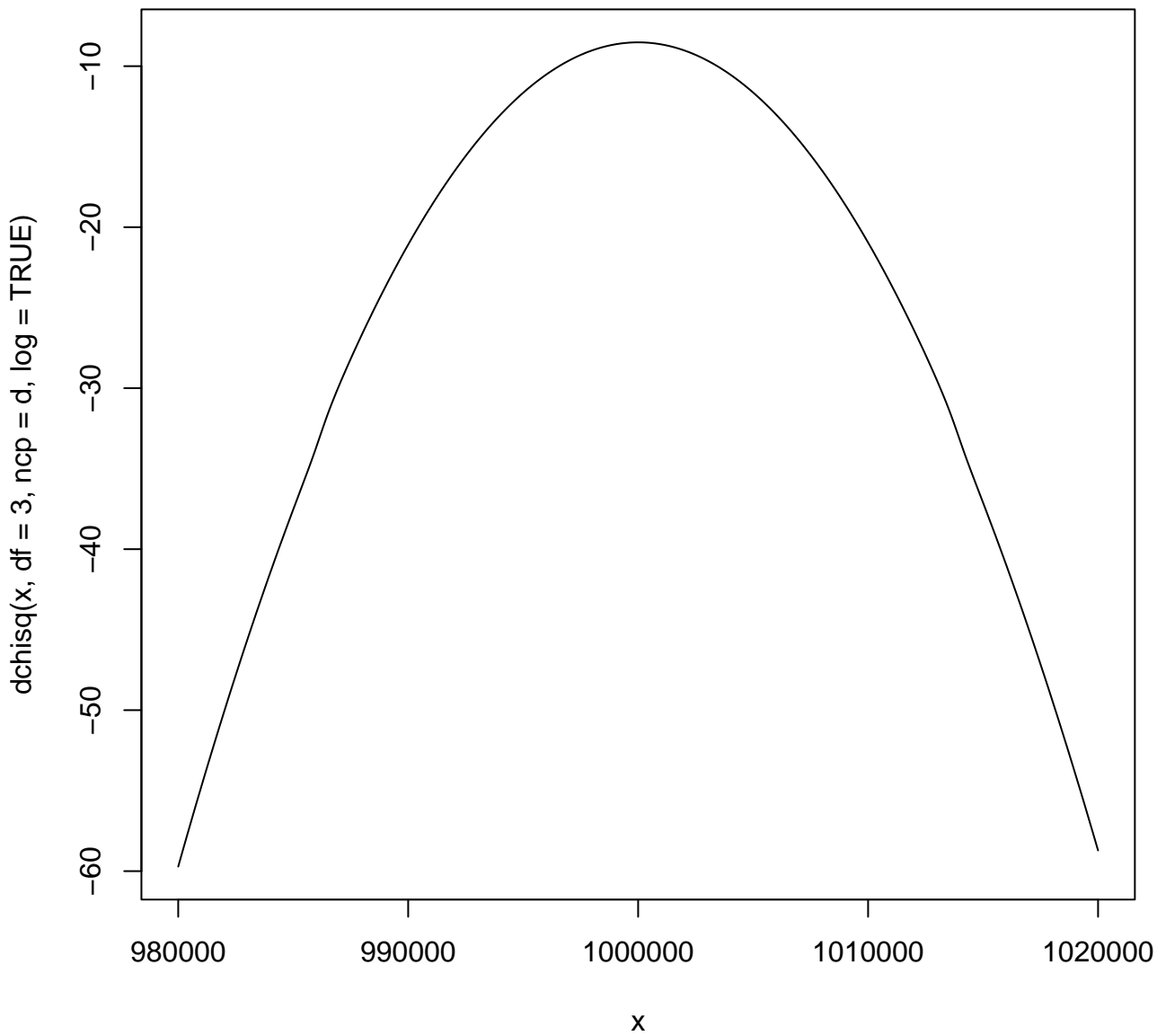
`dnoncentchisq(*, df=3, ncp = ..) & dchisq(..)`



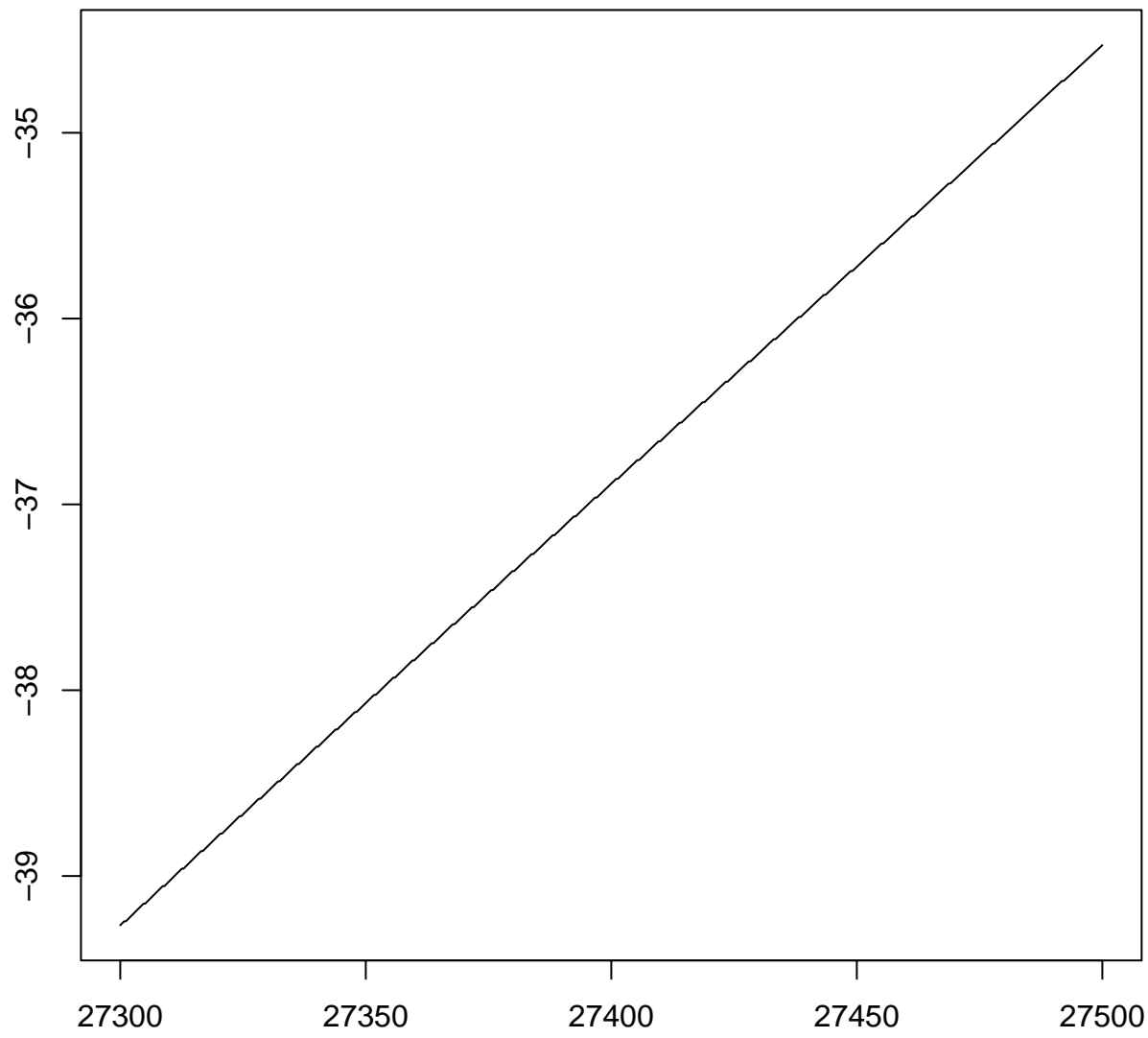
Rel.Err $|1 - \text{dnoncentchisq}(*, \text{df}=3, \text{ncp} = ..) / \text{dchisq}(..)|$





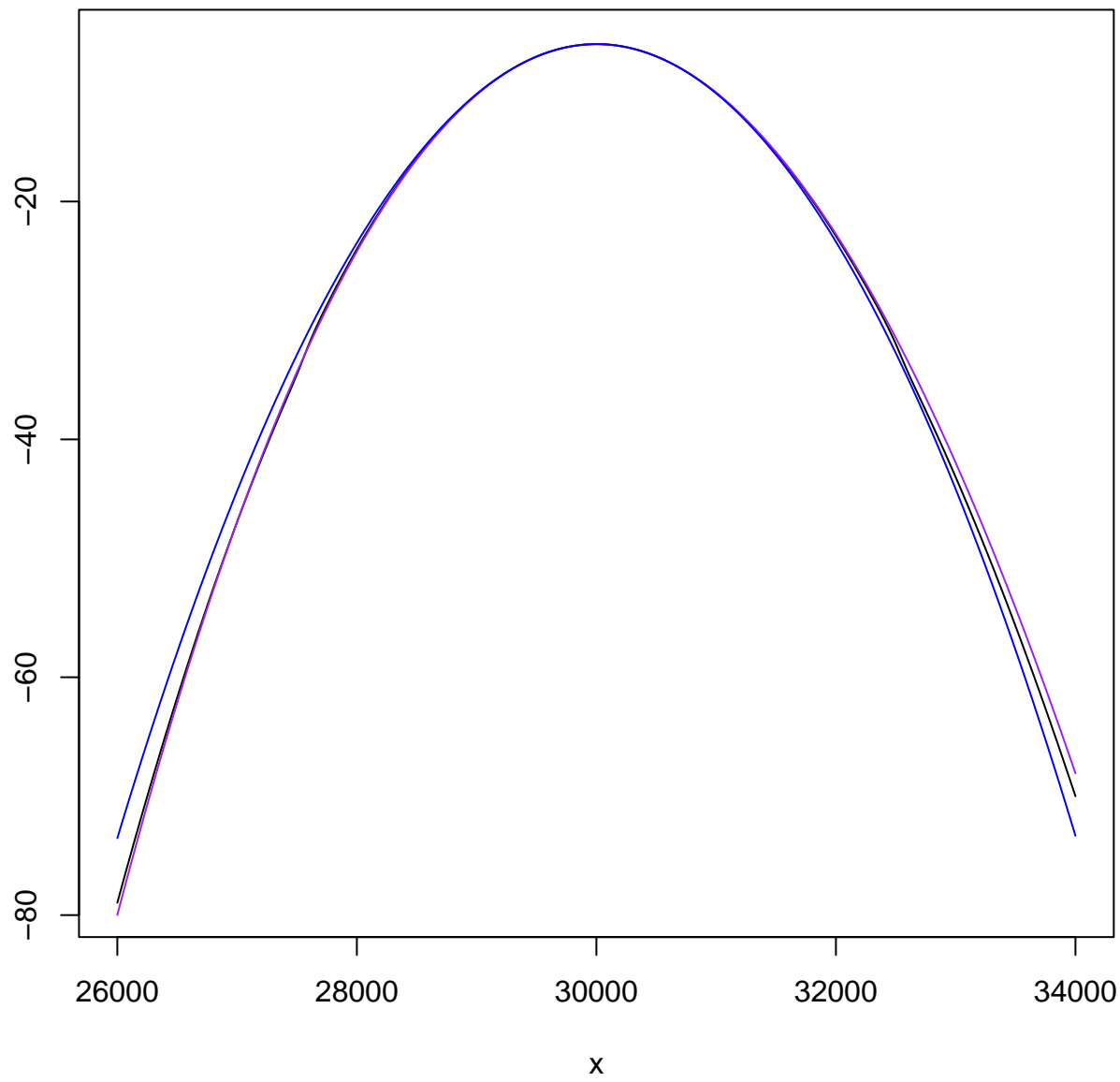


dchisq(x, df = 3, ncp = 30000, log = TRUE)

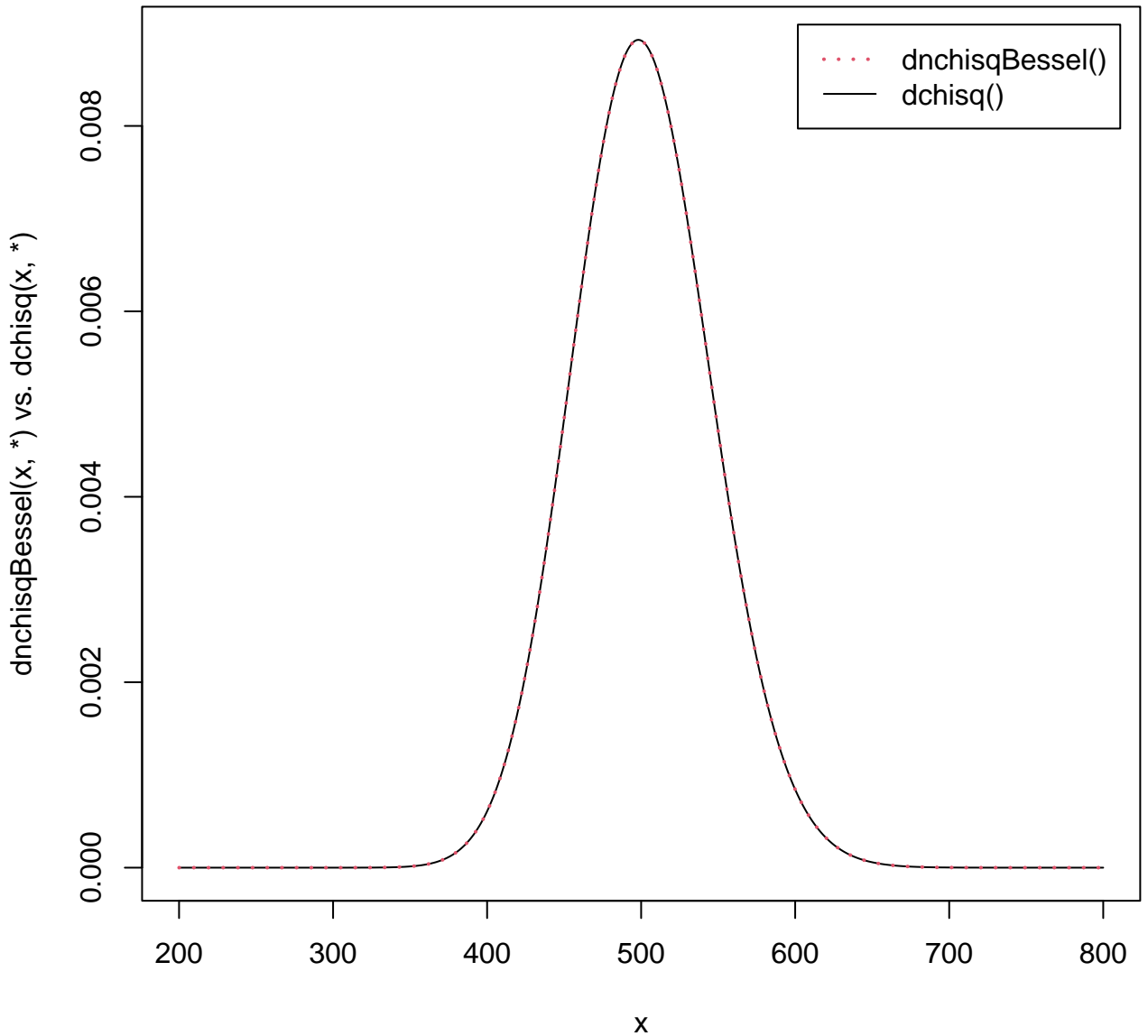


x

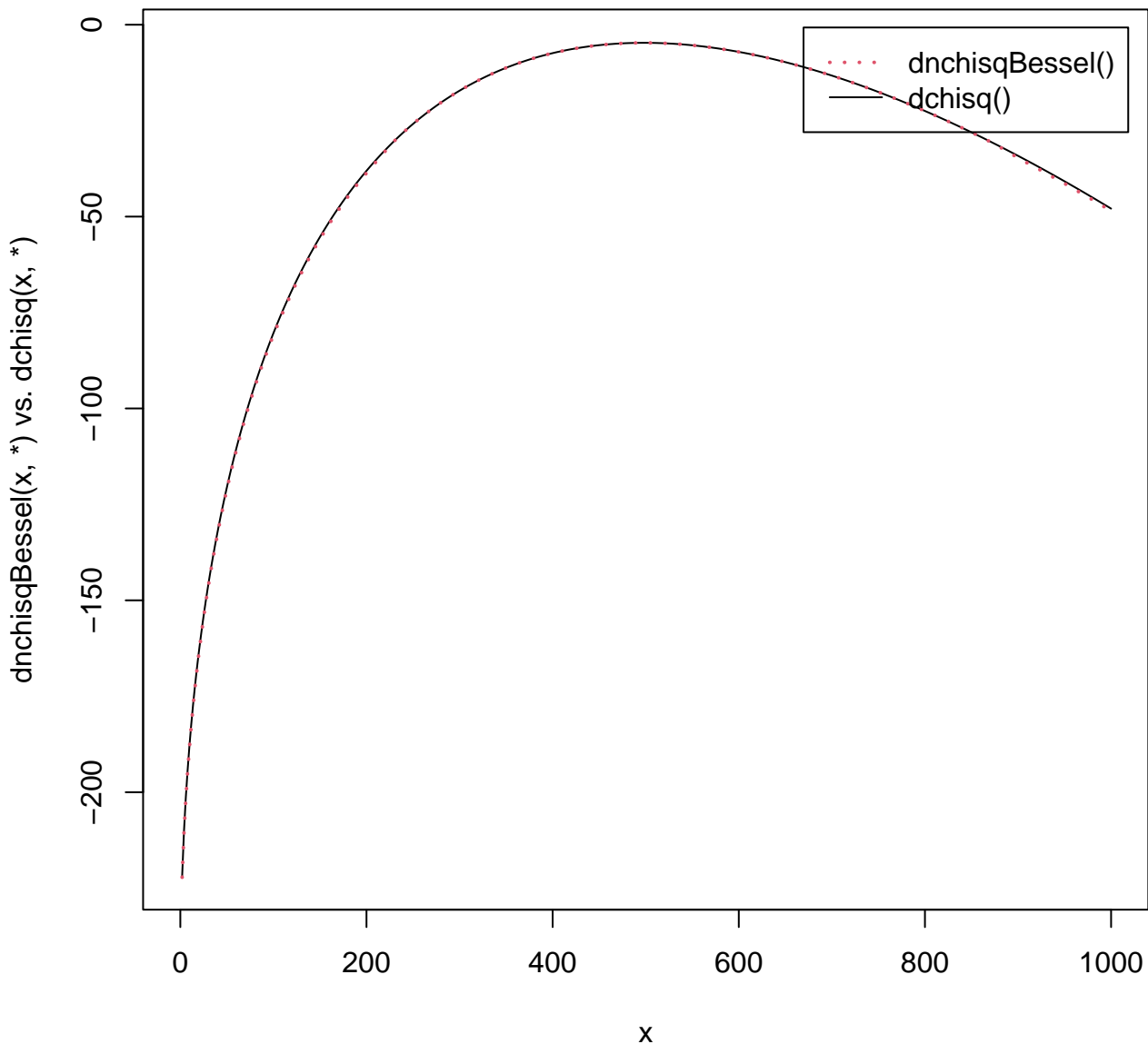
dchisq(x, df = 3, ncp = 30000, log = TRUE)



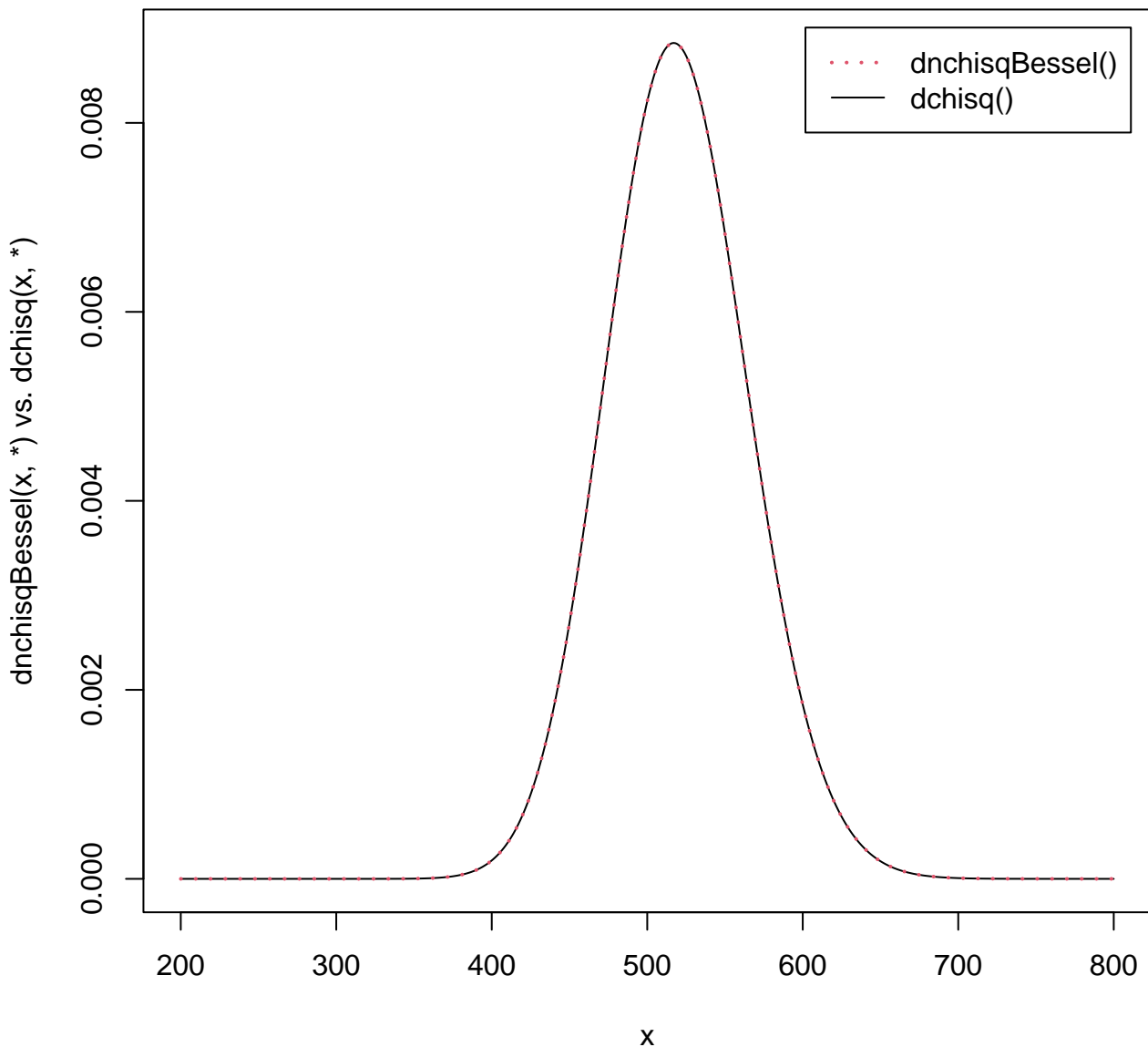
`pl2curves(dnchisqBessel, dchisq, df = df, ncp = ncp, log = log,
from = from, to = to, p.log = p.log, n = n, ...)`



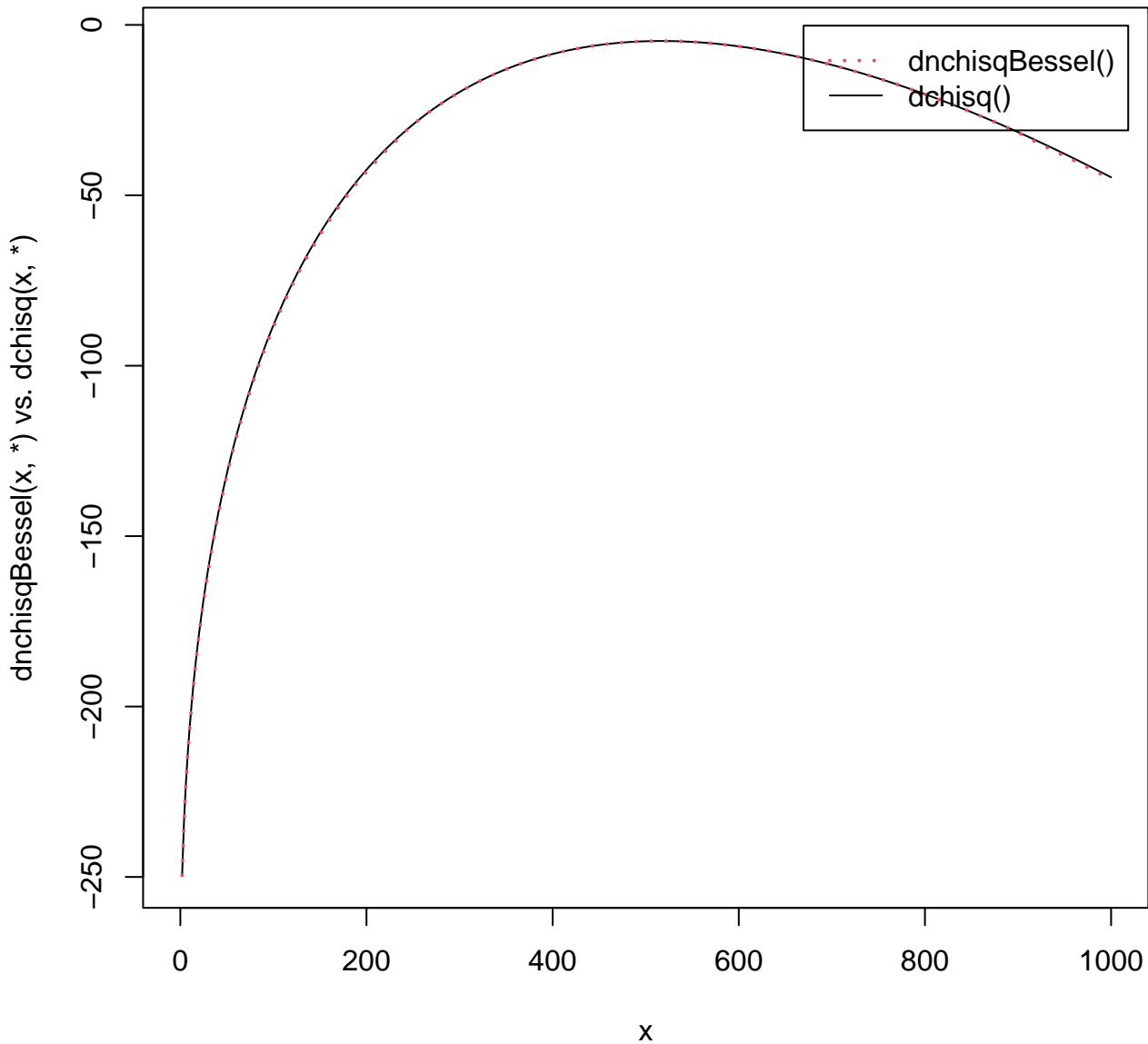
`pl2curves(dnchisqBessel, dchisq, df = df, ncp = ncp, log = log, from = from, to = to, p.log = p.log, n = n, ...)`



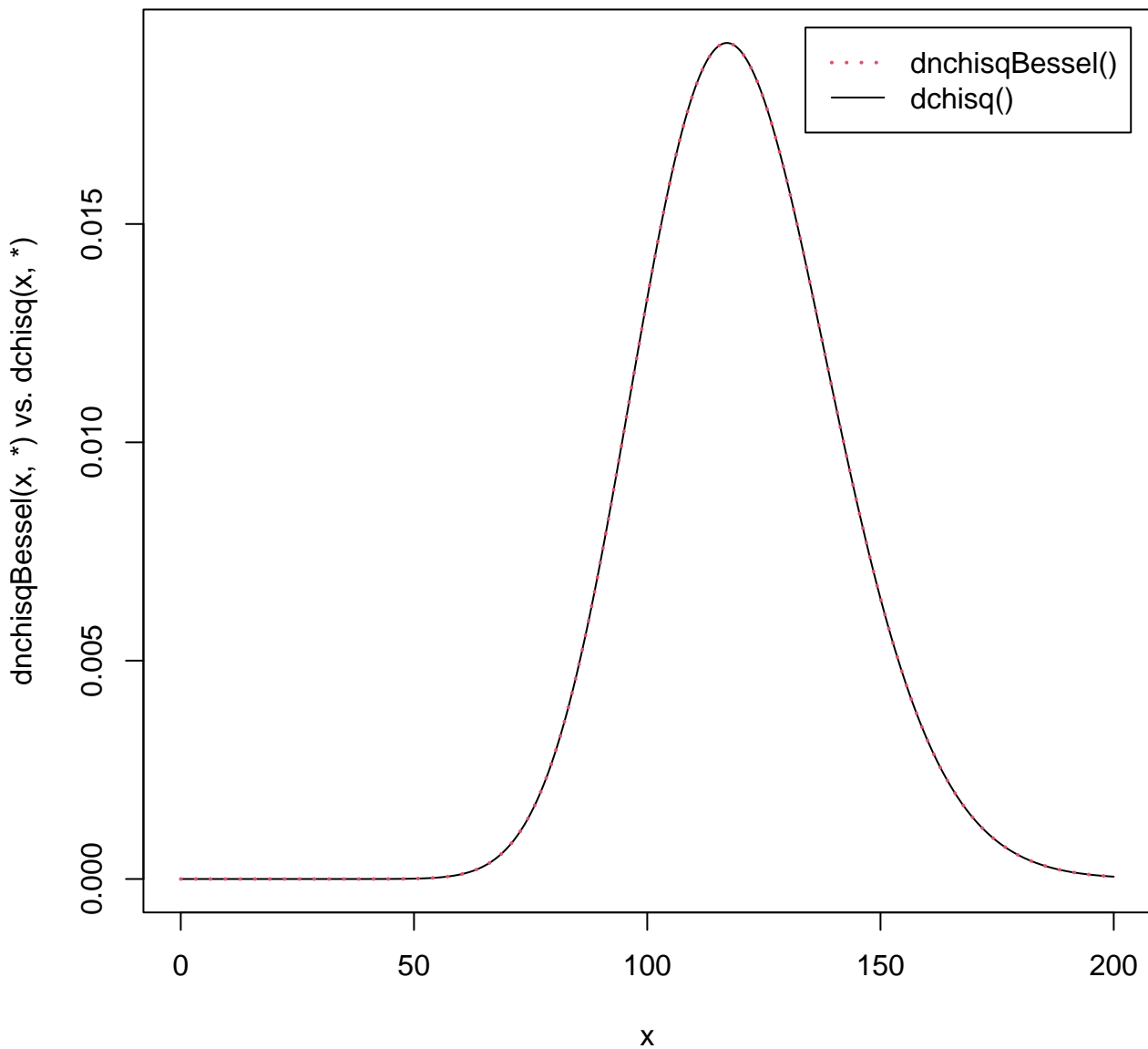
`pl2curves(dnchisqBessel, dchisq, df = df, ncp = ncp, log = log,
from = from, to = to, p.log = p.log, n = n, ...)`



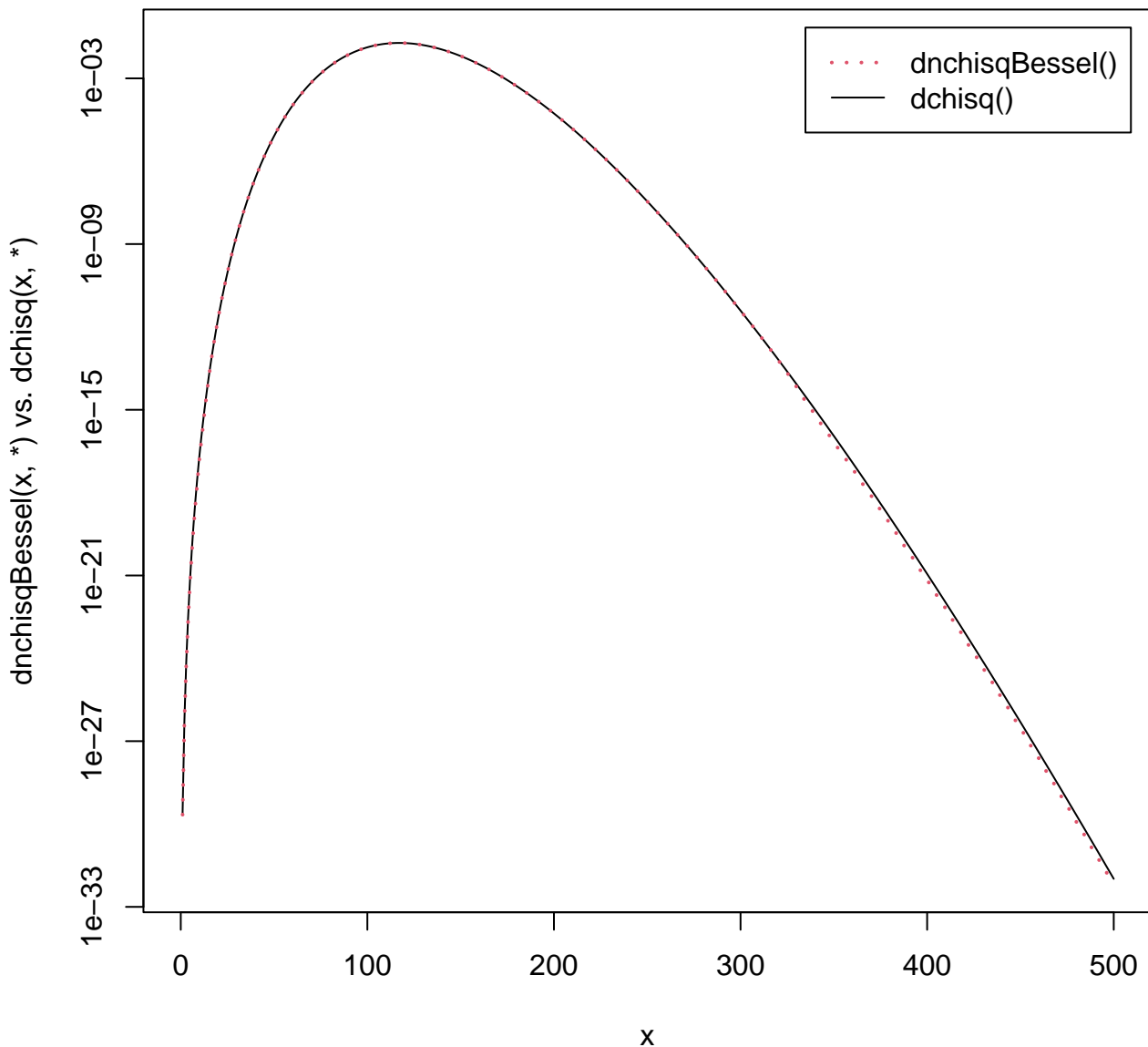
`pl2curves(dnchisqBessel, dchisq, df = df, ncp = ncp, log = log,
from = from, to = to, p.log = p.log, n = n, ...)`



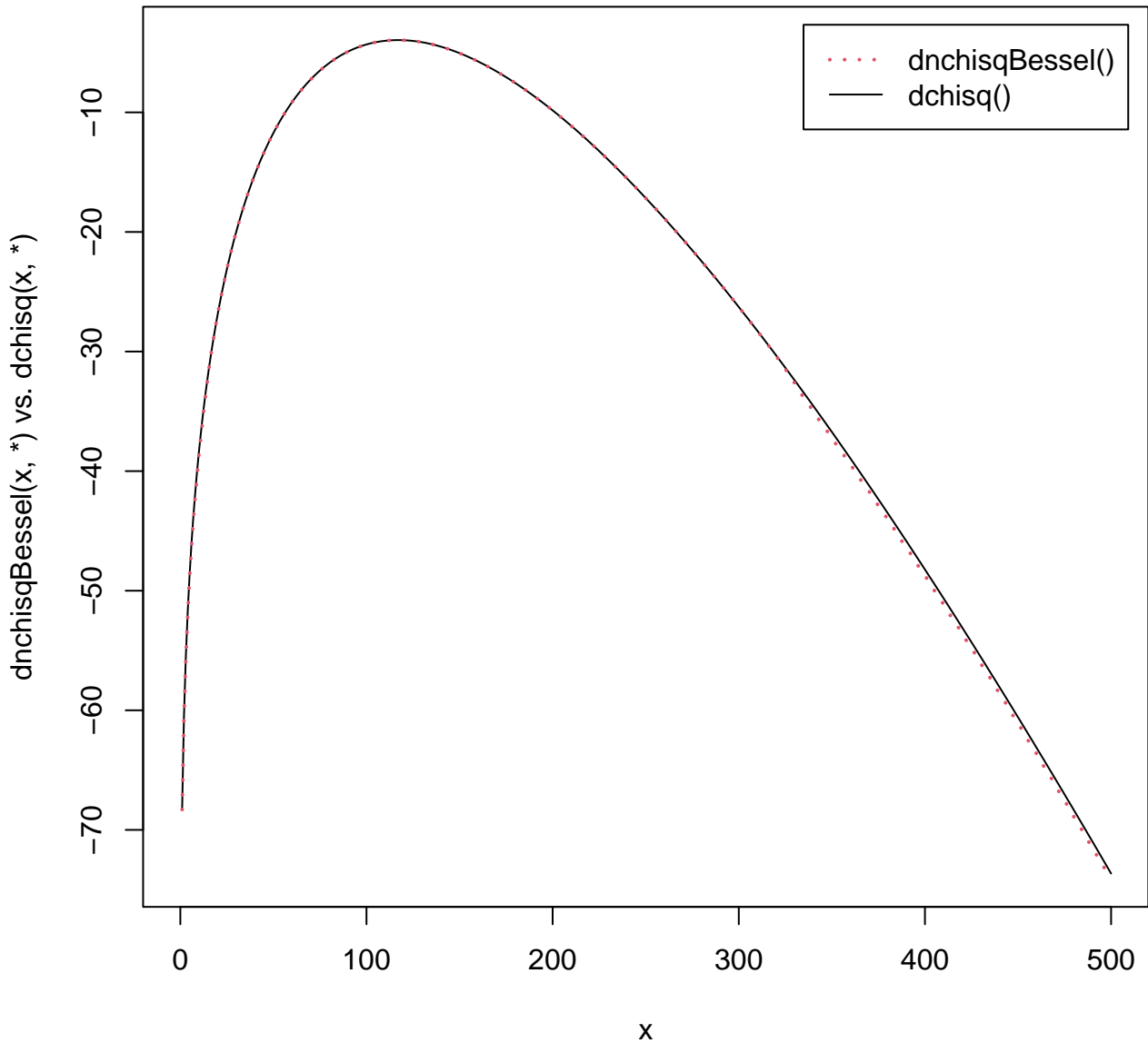
`pl2curves(dnchisqBessel, dchisq, df = df, ncp = ncp, log = log,
from = from, to = to, p.log = p.log, n = n, ...)`



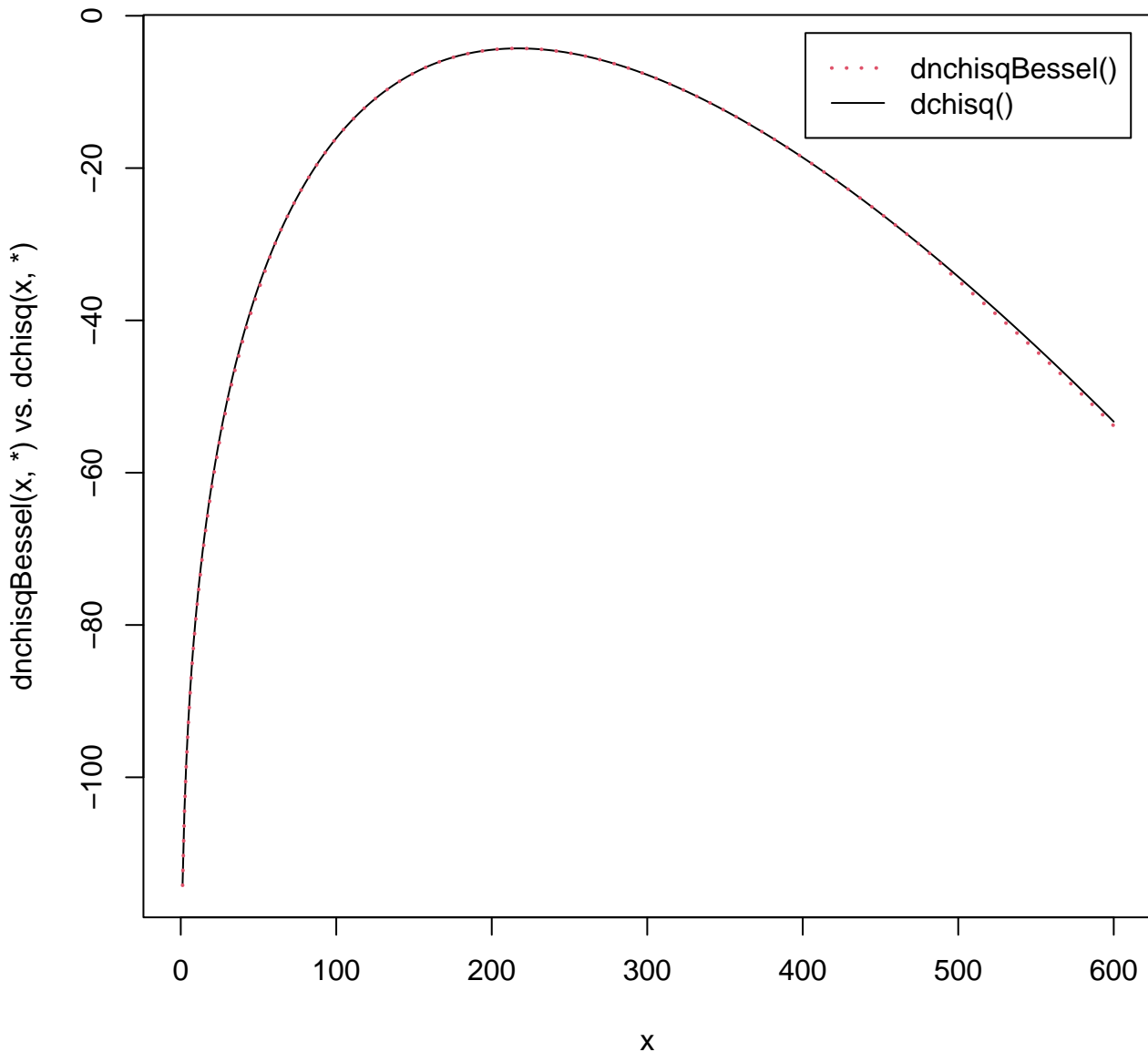
`pl2curves(dnchisqBessel, dchisq, df = df, ncp = ncp, log = log,
from = from, to = to, p.log = p.log, n = n, ...)`



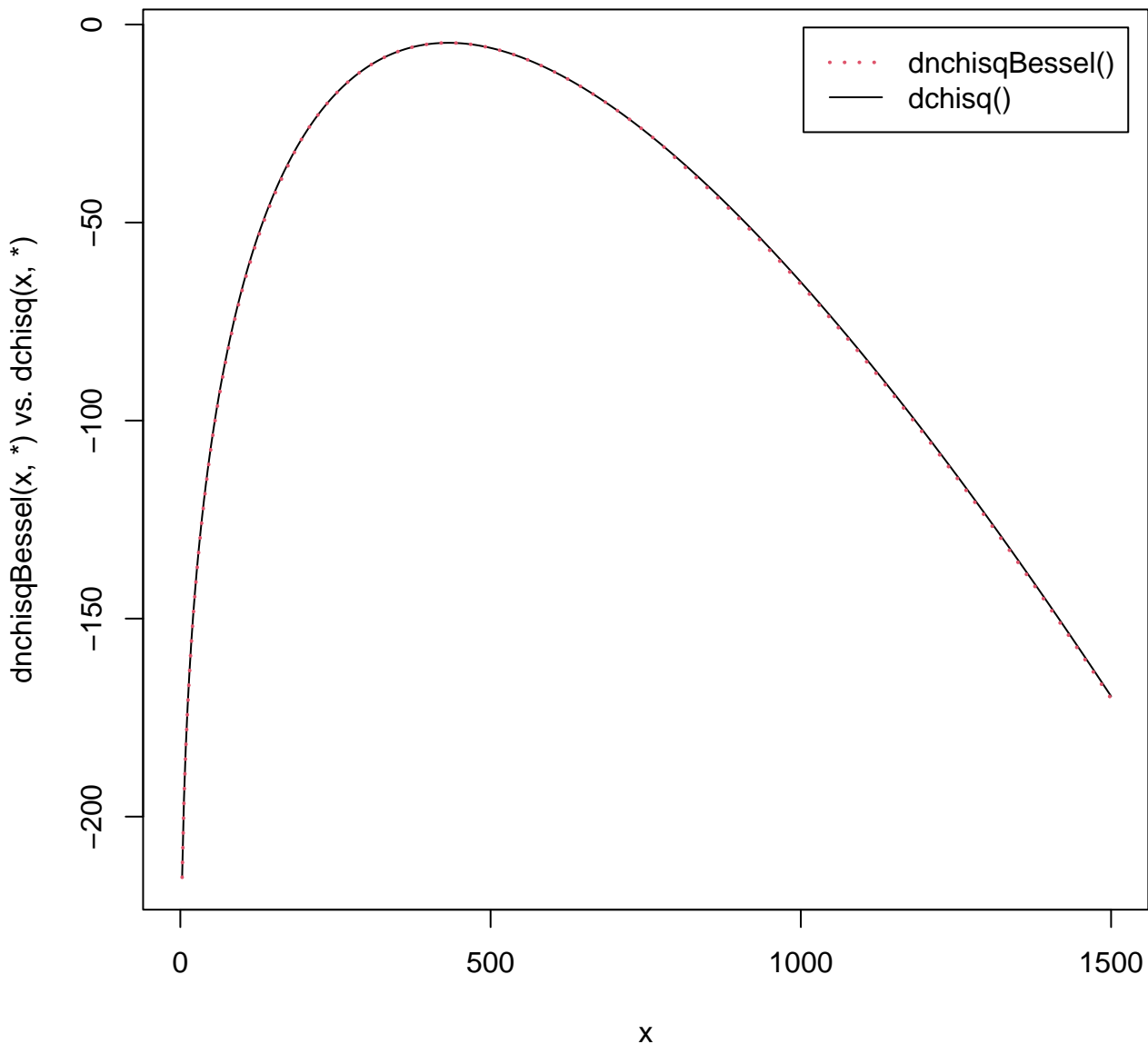
`pl2curves(dnchisqBessel, dchisq, df = df, ncp = ncp, log = log,
from = from, to = to, p.log = p.log, n = n, ...)`



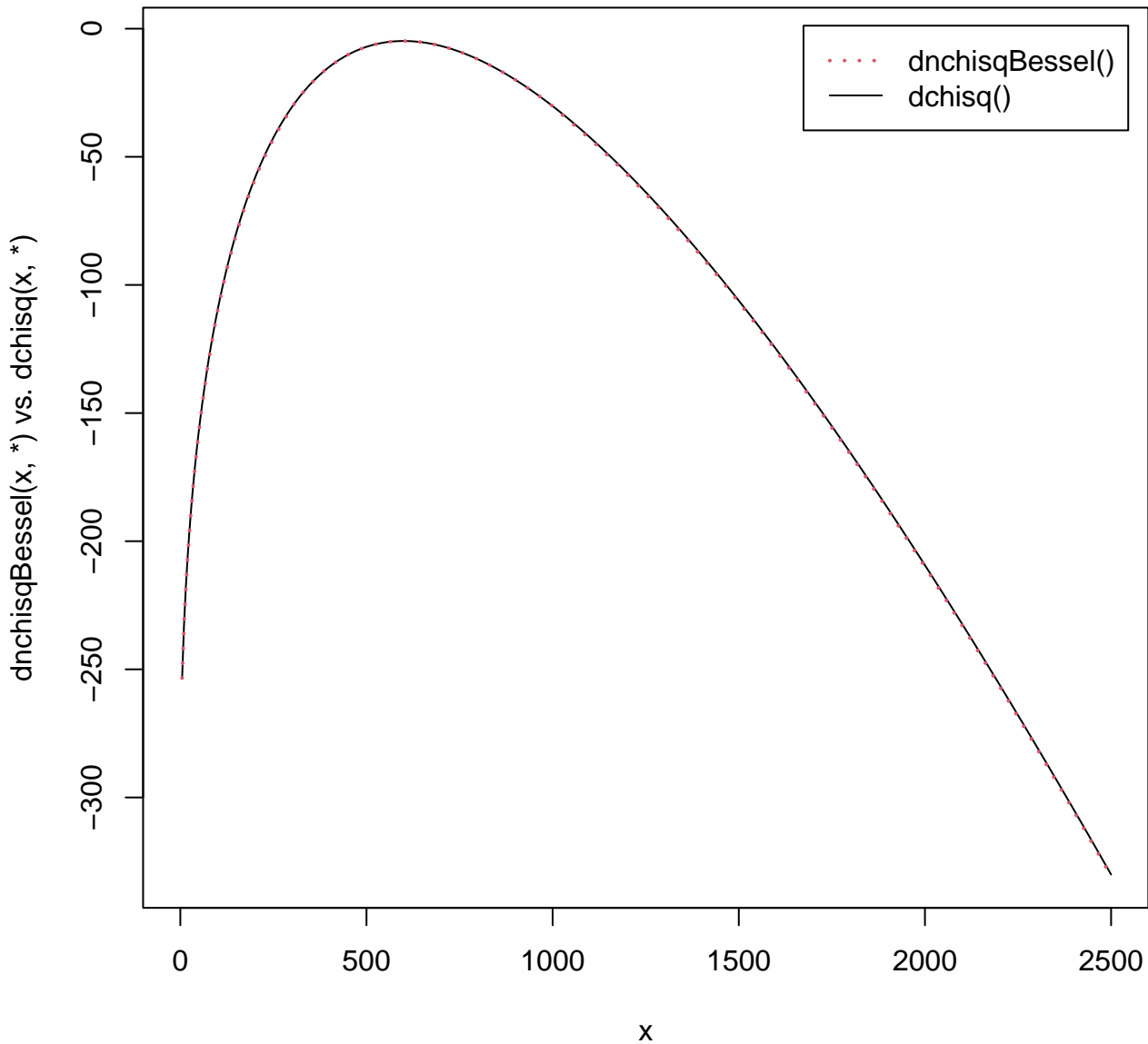
`pl2curves(dnchisqBessel, dchisq, df = df, ncp = ncp, log = log,
from = from, to = to, p.log = p.log, n = n, ...)`



`pl2curves(dnchisqBessel, dchisq, df = df, ncp = ncp, log = log,
from = from, to = to, p.log = p.log, n = n, ...)`



`pl2curves(dnchisqBessel, dchisq, df = df, ncp = ncp, log = log,
from = from, to = to, p.log = p.log, n = n, ...)`



`pl2curves(dnchisqBessel, dchisq, df = df, ncp = ncp, log = log,
from = from, to = to, p.log = p.log, n = n, ...)`

