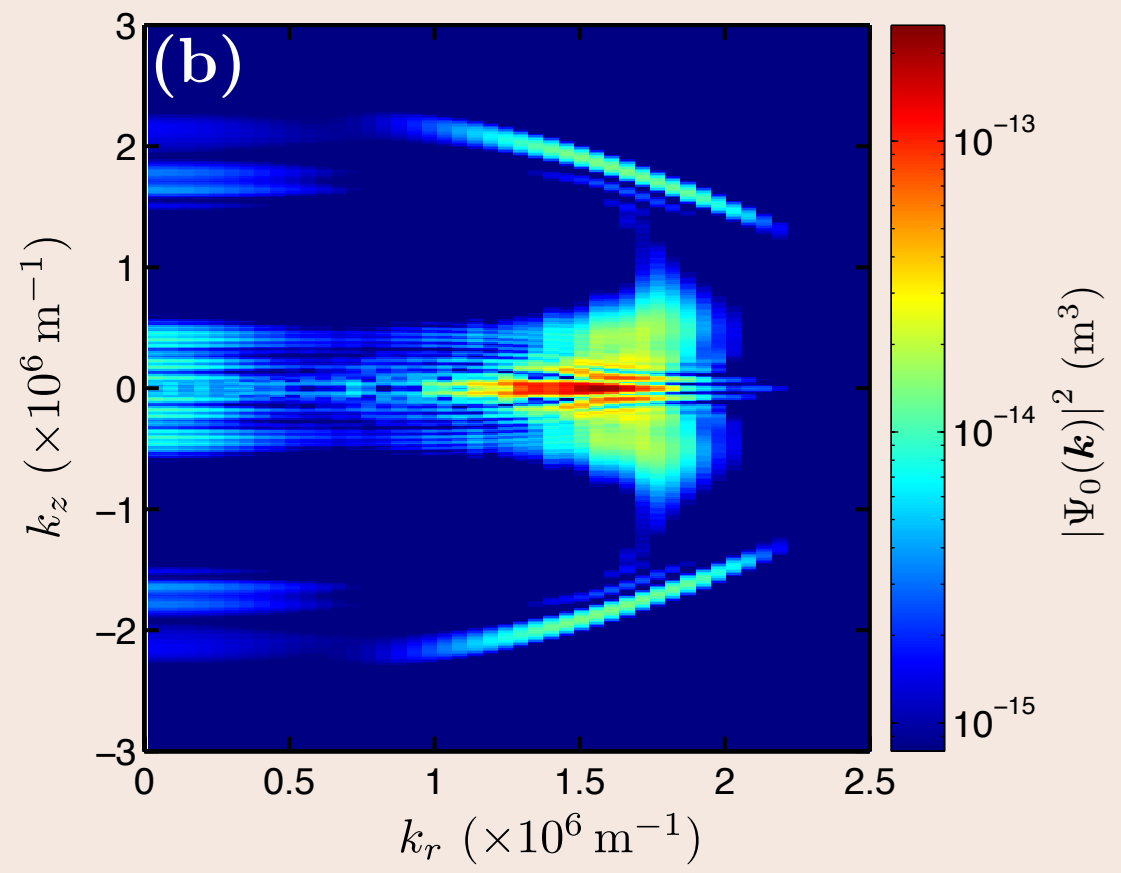
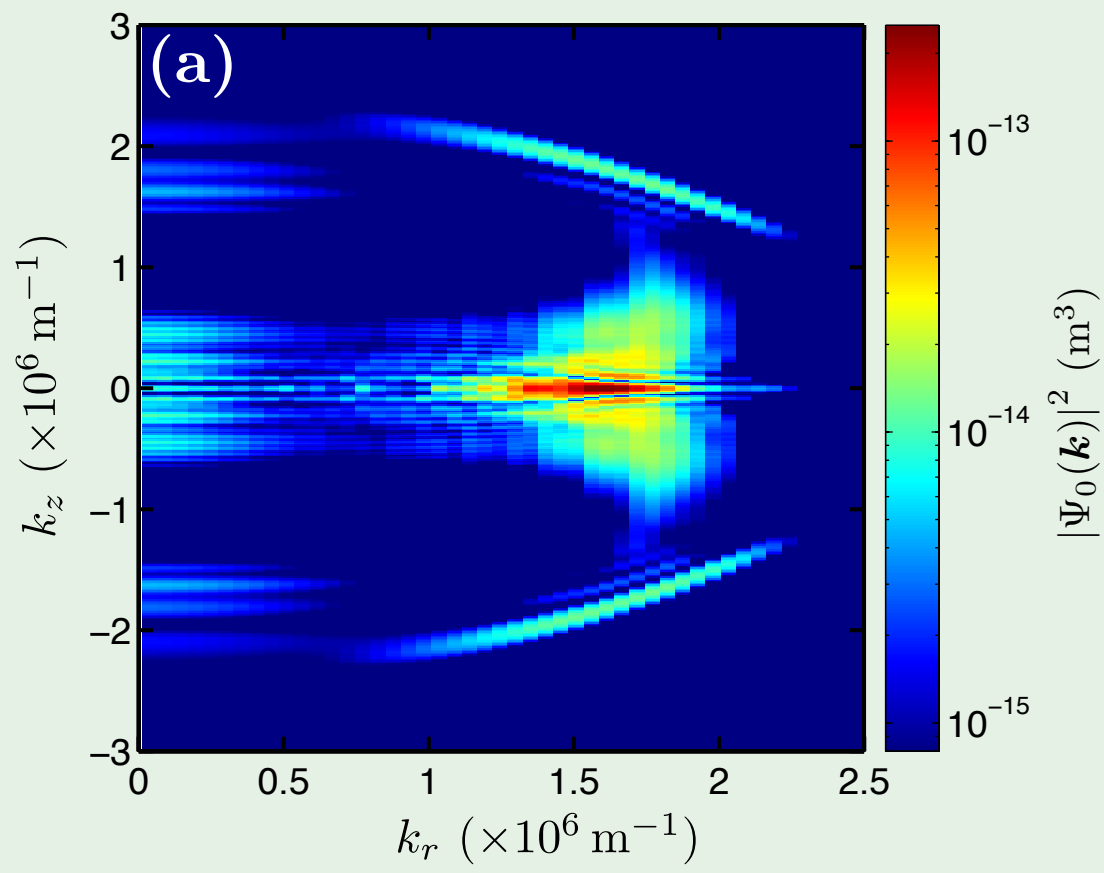
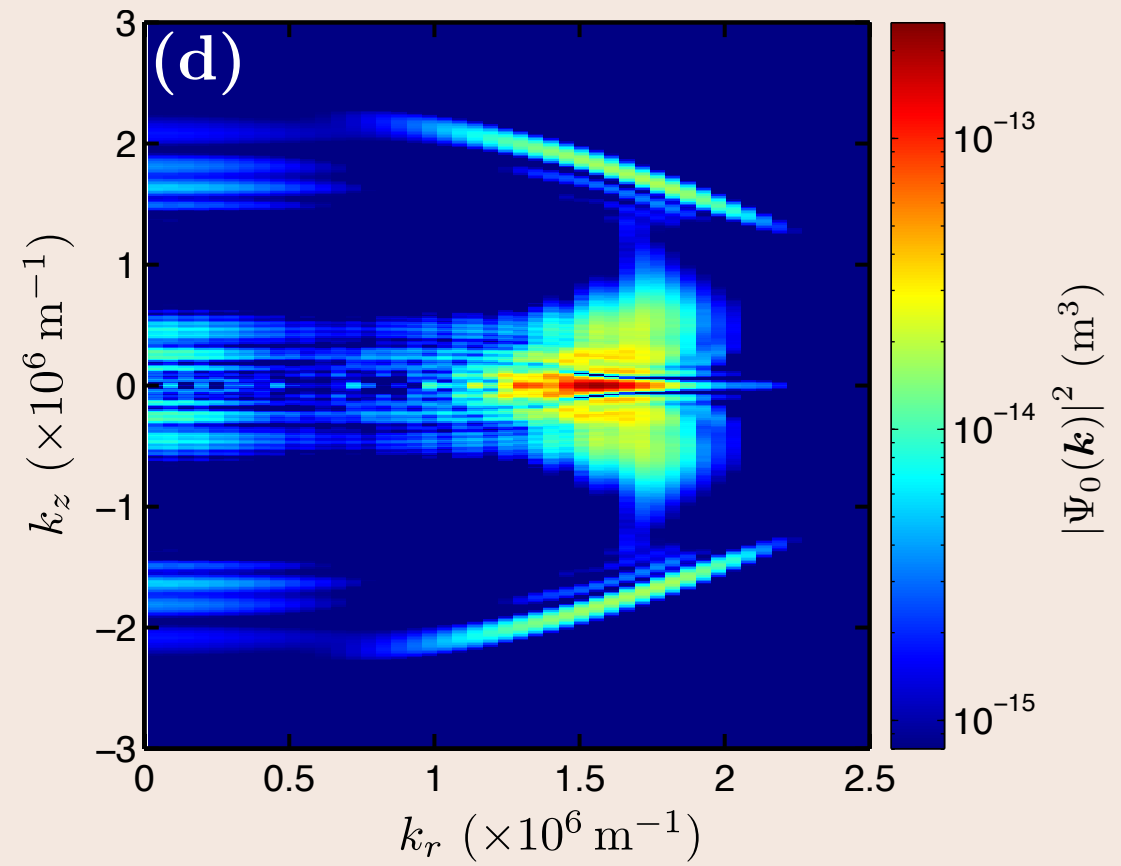
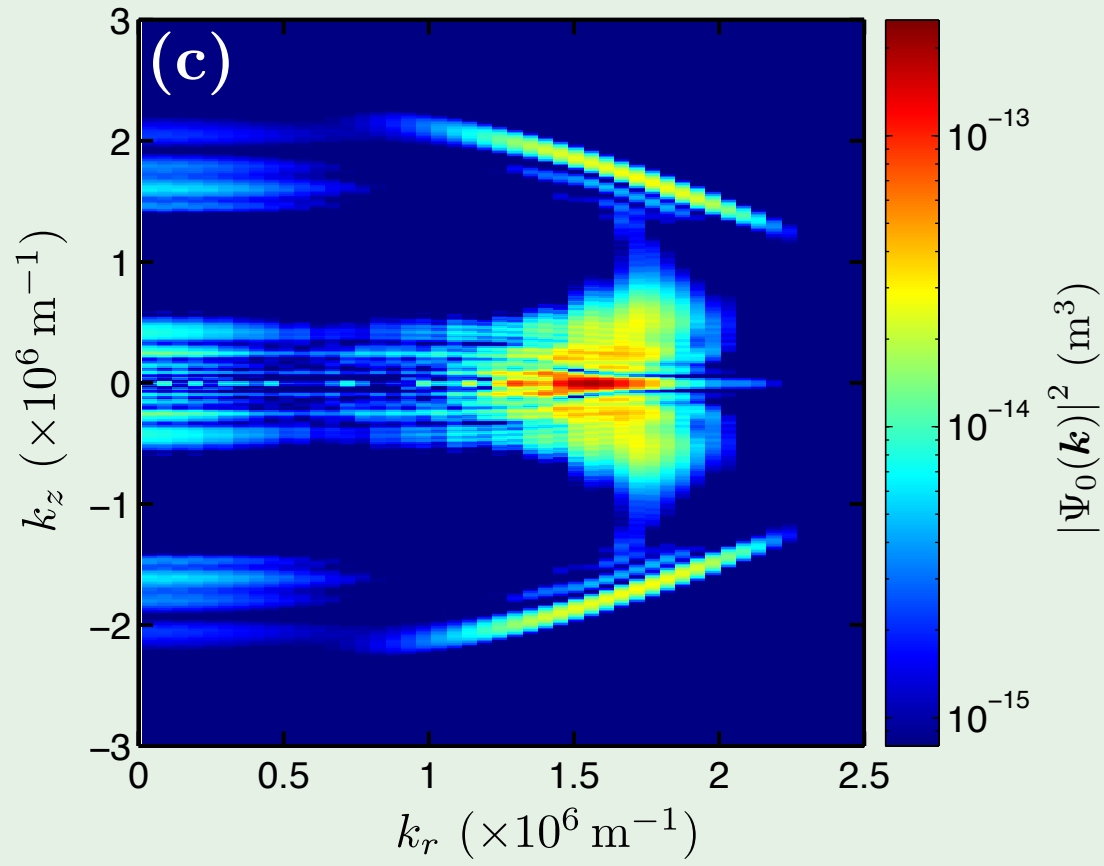


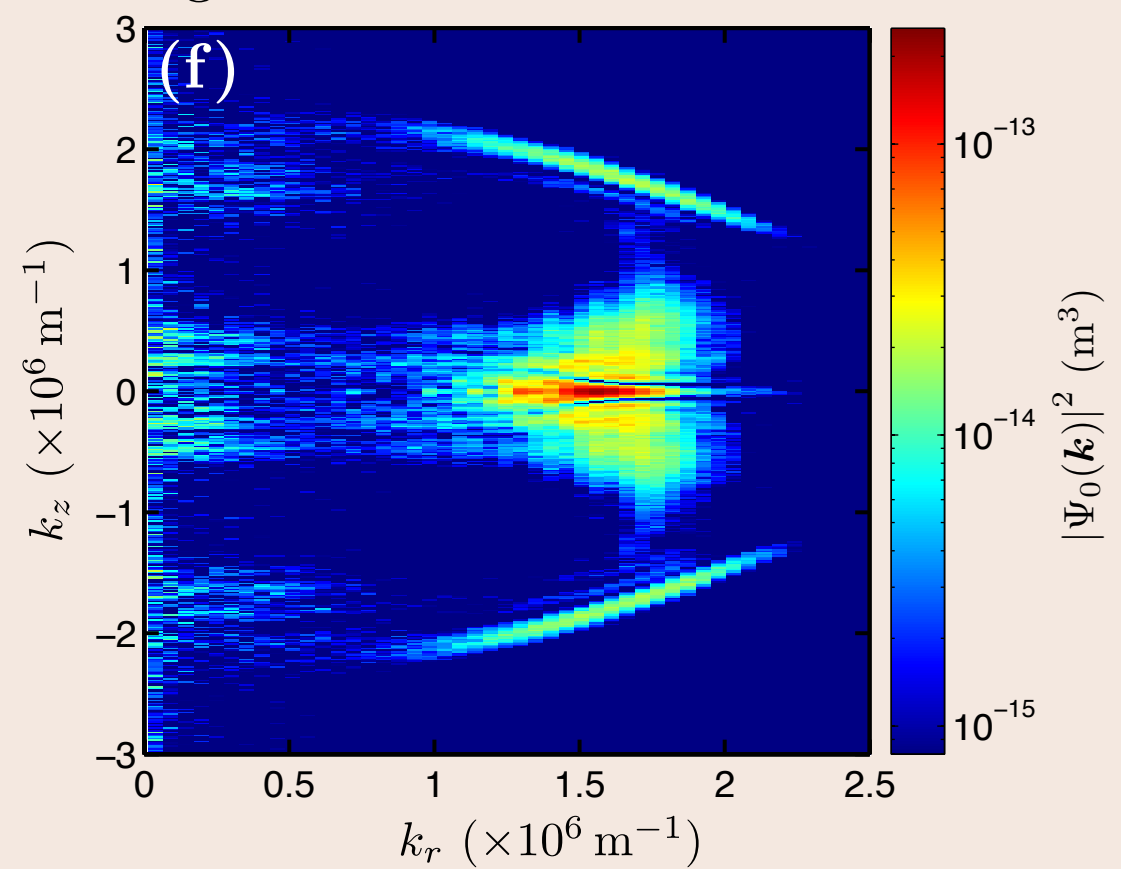
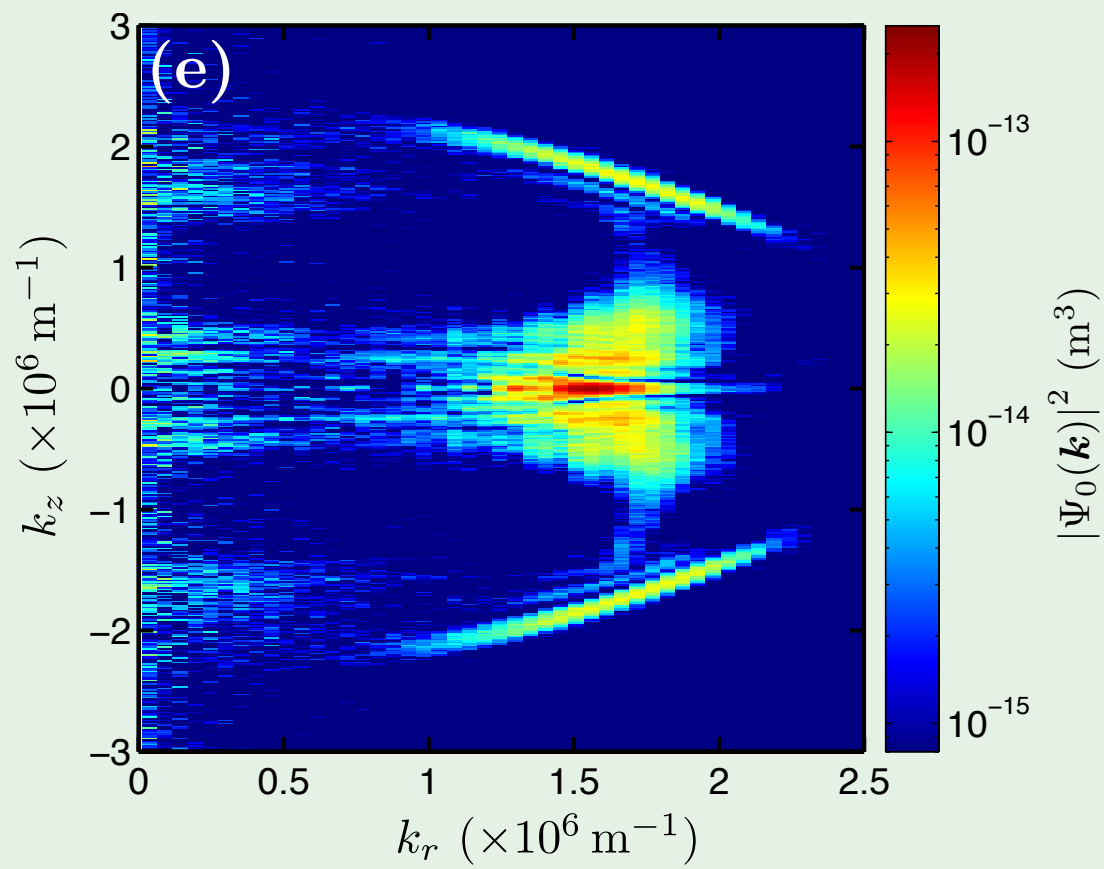
Three level Gross-Pitaevskii model



Two level Gross-Pitaevskii model



Two level Truncated Wigner model



Without Penning ionisation

With Penning ionisation