```
!step4_v2.pl
                 Lists of q-values:
                                                                                              Changes mode in input files to 4:
      N_x \times N_y \times N_z .f2.m0.qscanx
                                                                                               N_x \times N_v \times N_z. f2.m0-q_{flip} q_x q_v q_z
                                               toq_v2.pl
      N_x \times N_y \times N_z.f2.m0.gscany
                                                                                           → Submits the jobs:
                                                • starterq_v2.pl
      N_x \times N_y \times N_z.f2.m0.gscanz
                                                                                              N_x \times N_v \times N_z.f2.m0-q_{flip} q_x q_v q_z.q.sh
          Input files from step 3:
                                                                                              Job output:
N_x x N_y x N_z.f2.m0-q_{flip} q_x q_y q_z
                                                                                               N_x \times N_y \times N_z. f2.m0-q_{flip} q_x q_y q_z.szz
           Ground state q-values:
                        qs.qflip
```