for i in {2..9}; do echo 1 24 | g\_rms -s PROJ820$i/frame0.tpr -f PROJ820$i/frame0.xtc -n PROJ820$i/proj820$i.ndx -o PROJ820$i/grms1.xvg; done;

for i in {2..9}; do echo 1 1 | g\_rms -s PROJ820$i/frame0.tpr -f PROJ820$i/frame0.xtc -n PROJ820$i/proj820$i.ndx -o PROJ820$i/grms2.xvg; done;

echo 1 | g\_gyrate -s PROJ8200/frame0.tpr -f PROJ8200/frame0.xtc -n PROJ8200/proj8200.ndx -o PROJ8200/rg.xvg; done;

for i in {2..9}; do echo 1 | do\_dssp -s PROJ820$i/frame0.tpr -f PROJ820$i/frame0.xtc -n PROJ820$i/proj820$i.ndx -o PROJ820$i/ss.xpm -sc PROJ820$i/scount.xvg; done;

for i in {2..9}; do echo 1 20 | g\_mindist -s PROJ820$i/frame0.tpr -f PROJ820$i/frame0.xtc -n PROJ820$i/proj820$i.ndx -od PROJ820$i/mindist.xvg; done;

for i in {2..9}; do echo 48 49 | g\_energy -s PROJ820$i/frame0.tpr -f PROJ820$i/frame0.edr -o PROJ820$i/energy.xvg; done;