

**NAME**

hklscan – general linear scan in reciprocal space

**SYNOPSIS**

```
hklscan Hstart Hend Kstart Kend Lstart Lend intervals time
```

**DESCRIPTION**

hklscan is a linear scan in reciprocal space over the three coordinates  $HKL$  which range from  $Hstart$ ,  $Kstart$  and  $Lstart$  to  $Hend$ ,  $Kend$  and  $Lend$ , respectively. The step size for each coordinate is  $(start - end) / intervals$ . The number of data points collected will be  $intervals + 1$ . Count time is given by  $time$ , which if positive, specifies seconds and if negative, specifies monitor counts.

**EXAMPLE**

```
hklscan .9 1.1 .9 1.1 0 0 10 10
```

**SEE ALSO**

hscan kscan lscan hkcircle hlcircle klcircle hkradial hlradial klradial