

twofnr is a transfer reaction program (with options for both zero-range and approximate finite range calculations). It reads files tran.xxx (generated most easily using the front-end data set generator). The data set name is requested when twofnr is run, e.g.

```
<79 dill:~ >twofnr
input file name ?
tran.dp12C
```

Output files produced are:

```
-----
21.dp12C
centre of mass cross section and analysing power angular distributions
theta    dsigma/domega    A(*100, ie as 0/0)
-----
22.dp12C
lab cross section (normal kinematics, light in, light detected)
theta    dsigma/domega
-----
23.dp12C
lab cross section (inverse kinematics, heavy in, heavy detected)
theta    dsigma/domega
-----
24.dp12C
lab cross section (inverse kinematics, heavy in, light detected)
theta    dsigma/domega
-----
```