```
₩.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                then *out0.hitfrac = float([*out0.hitfrac, *out1.hitfrac])
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       *out0.lossfrac = float([*out0.lossfrac, *out1.lossfrac])
*out0.ringfrac = float([*out0.ringfrac, *out1.ringfrac])
*out0.leftfrac = float([*out0.leftfrac, *out1.leftfrac])
*out0.sourcefile = [*out0.sourcefile, *out1.sourcefile]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               *out0.deposition.map += *out1.deposition.map
                                                            temp[0:s[1]-1,*] = float(*out0.hitfrac)
temp[s[1]:*,*] = float(*out1.hitfrac)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          temp = fltarr(n_elements(*out0.x),s[2])
                                                                                                                                                                                                                                                                             *out0.x = [*out0.x, *out1.x]
*out0.y = [*out0.y, *out1.y]
*out0.z = [*out0.z, *out1.z]
*out0.frac = [*out0.frac, *out1.frac]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 *out0.phi0 = [*out0.phi0, *out1.phi0]
out0.totalsource += out1.totalsource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                *out0.time = [*out0.time, *out1.time]
                                                                                                                                                                                                                                                                                                                                                                                                                                                        *out0.vx0 = [*out0.vx0, *out1.vx0]
*out0.vy0 = [*out0.vy0, *out1.vy0]
*out0.vz0 = [*out0.vz0, *out1.vz0]
                                                                                                                   ;; Combine two output structures ;; out0 is changed.
                                                                                                                                                                                                                                                                                                                                  *out0.x0 = [*out0.x0, *out1.x0]

*out0.y0 = [*out0.y0, *out1.y0]

*out0.z0 = [*out0.z0, *out1.z0]

*out0.f0 = [*out0.f0, *out1.f0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 *out0.vx = [*out0.vx, *out1.vx]
*out0.vy = [*out0.vy, *out1.vy]
*out0.vz = [*out0.vz, *out1.vz]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             *output.x0 = (*output.x0)[q]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     *out0.hitfrac = temp
                                                                                                                                                                                                               ;; Written 14 March 2011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    s = size(*out0.hitfrac)
pro out_cat, out0, out1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 pro out_sub, output, q
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   if (s[0] EQ 1) $
```

```
$2 *output.y0 = (*output.y0)[q]
$3 *output.c0 = (*output.c0)[q]
$4 *output.f0 = (*output.vx0)[q]
$5 *output.vx0 = (*output.vx0)[q]
$5 *output.vx0 = (*output.vx0)[q]
$5 *output.vx0 = (*output.vx0)[q]
$7 *output.phi0 = (*output.vx0)[q]
$7 *output.time = (*output.time)[q]
$7 *output.time = (*output.x)[q]
$7 *output.x = (*output.vx)[q]
$7 *output.x = (*output.x)[q]
$7 *output.x = (*output.x)[q]
$7 *output.x = (*output.tingfrac)[q]
$7 *output.x = (*output.hitfrac)[q]
$7 *output.x = (*output.hitfrac)[q]
$7 *output.hitfrac = (*output.hitfrac)[q]
$7 *output.hitfrac]
$7 *output
```