```
###############################2dx_allspace###############################
Symmetries to test = ALL
Stepsize and Phase Search Array Size = 3 , 121
IQ Max = 5,  Resolution Max = 10

 SPACEGROUP     Phs.Res. (#)    Phs.Res. (#)    OX      OY      TX      TY    Target
                v.other spots   v.theoretical
                (90 random)     (45 random)
----------------------------------------------------------------------------------
  1   p1         21.1    170     15.3    170
  2   p2         33.7!    85     16.8    170    -21.1   123.9   0.00    0.00   30.6
 3b   p12_b      73.2     65     41.4      6   -146.6  -180.0   0.00    0.00   21.6
 3a   p12_a      74.4     67     16.6     10   -180.0   124.1   0.00    0.00   21.8
 4b   p121_b     25.9!    65     27.7      6   -110.7  -141.0   0.00    0.00   21.6
 4a   p121_a     11.2*    67     10.2     10   -153.0  -145.7   0.00    0.00   21.8
 5b   c12_b      73.2     65     41.4      6   -146.6  -180.0   0.00    0.00   21.6
 5a   c12_a      74.4     67     16.6     10   -180.0   124.1   0.00    0.00   21.8
  6   p222       62.0    217     16.8    170    -20.9   -56.1   0.00    0.00   24.8
 7b   p2221b     54.7    217     37.4    170    123.4    34.3   0.00    0.00   24.8
 7a   p2221a     61.4    217     39.7    170     69.1  -146.5   0.00    0.00   24.8
  8   p22121     24.5*   217     17.0    170    -20.7   -55.7   0.00    0.00   24.8
  9   c222       62.0    217     16.8    170    -20.9   -56.1   0.00    0.00   24.8
 10   p4         68.5    189     39.5    170   -111.9    33.3   0.00    0.00   25.4
 11   p422       75.6    415     41.1    170    130.8   123.6   0.00    0.00   23.1
 12   p4212      66.0    415     17.0    170    -21.1   124.3   0.00    0.00   23.1
 13   p3         63.9     74      --      --     78.0   122.7   0.00    0.00   21.1
 14   p312       72.4    195     29.7     18     80.9    -3.3   0.00    0.00   21.6
 15   p321       66.7    199     39.8     26     77.8   123.2   0.00    0.00   21.8
 16   p6         59.3    233     16.8    170    158.8   -56.1   0.00    0.00   24.6
 17   p622       72.8    479     43.9    170   -165.6  -120.7   0.00    0.00   22.8
----------------------------------------------------------------------------------
                   * = acceptable
                   ! = should be considered
                   ` = possibility


 OX,OY = best phase origin for this symmetry
 TX,TY = best beam tilt for this symmetry
Target = target resid. based on statistics, taking Friedel weight into account

==== Best SpaceGroup is p22121 ===================================================
==== 2dx_allspace - normal end. =================================================
###############################2dx_allspace finished.###############################
```