ARRAY BD

This subroutine, called by the delimiters , and : , checks the validity of their use.   TAKE and UNSTAK are called to complete the processing of the preceding subscript bound expression, at which time the top of the stack should be the opening square bracket introducing the subscripts.

If this is in an array declaration, XX is used to check that (e.g.) :

real array   X   [a:b: .....

is caught as illegal, and the count of subscripts is incremented in DIM and restacked.

When this is during the use of the array, any necessary conversion is generated before restacking the incremented count of subscripts.

ERRORS

FAIL 66;   misused , or : in an expression.

FAIL 50;   colon in subscript expression.

FAIL 103;   commas or colons wrong in array
                            bounds.