Command	ALOGDIFF3

PURPOSE   Build logarithmic 3-point differential of analyzer

PARAMETERS

AIN	Source analyzer
/DEST(AOUT)	Destination analyzer
/ONTO(AOUT)	Alias for option /DEST
/OUT(AOUT)	Alias for option /DEST

FUNCTION   Build the spectrum of 3-point logarithmic differences.
The contents y_{out} of the destination analyzer AOUT are determined
from the contents y_{in} of the input analyzer AIN by the following
relation: $y_{out}(i) = \frac{1}{4} (\ln(y_{in}(i+2)) - 2 \ln(y_{in}(i+1)) + \ln(y(i)))$.

REMARKS   The result of the operation has 2 channels less than the input analyzer.
The command supports error bars.

EXAMPLE   ALOGDIFF3 AIN / DEST(AOUT)
Determine the spectrum of 3-point logarithmic differences of analyzer
AIN and store the result in the analyzer AOUT.