

source / bin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
JER	+0.2	+0.6	+0.4	+0.8	+0.1	+0.7	+0.5	+0.8	+0.1	+0.5	+0.2	+0.9	-0.6	-0.1	+0.1	-0.8	-0.5	-0.6	+0.3	-1.0	-0.6	-0.6	-0.5	-1.8
	-0.4	-1.0	-2.1	-0.8	-0.7	+0.2	-0.2	+0.1	-0.3	-0.4	+0.2	-0.1	+2.1	0.0	+0.7	-0.4	+0.4	-0.2	+0.5	+1.2	+0.6	+0.6	+0.1	+0.4
JESAbsoluteMPFBias	+0.8	+0.4	-0.1	+0.7	-0.1	+0.4	+0.4	+0.4	+0.3	0.0	+0.2	-0.5	+1.2	+0.7	+0.3	-0.2	-0.4	-0.6	-0.6	-0.2	-0.5	-0.4	-0.3	-1.0
	-0.8	-0.9	-1.5	-0.3	-0.1	+0.1	+0.1	+0.1	-0.1	+0.2	0.0	0.0	-0.3	-0.8	+0.2	-0.8	+0.5	+0.3	+0.5	+0.4	+0.5	+0.2	+0.4	+0.7
JESAbsoluteScale	+0.6	0.0	0.0	+0.6	-0.1	+0.4	+0.3	+0.3	+0.1	-0.1	+0.2	0.0	+0.5	+0.7	0.0	+0.1	-0.2	-0.4	-0.5	+0.2	-0.3	-0.4	-0.3	-1.3
	-0.7	-0.7	-1.1	-0.4	-0.1	0.0	+0.3	+0.2	-0.1	+0.1	+0.2	+0.1	-0.3	-0.4	+0.2	0.0	+0.4	+0.3	-0.1	+0.2	+0.3	+0.3	0.0	+0.3
JESAbsoluteStat	+0.4	+1.0	-1.1	-0.3	-0.4	0.0	-0.2	+0.5	+0.2	+0.2	+0.7	+0.5	+0.6	+1.0	+0.1	+0.6	-0.7	-0.6	-0.7	-0.6	+0.1	+0.3	0.0	-1.4
	-1.2	-0.4	-0.3	-0.3	+0.4	+0.1	+0.4	+0.3	-0.4	-0.3	-0.5	+0.6	+0.5	-0.6	-0.1	+1.4	0.0	+0.3	+0.3	+0.3	-0.2	+0.2	-0.2	-0.7
JESFlavourQCD	+3.0	+2.9	+1.4	+2.0	0.0	+0.9	+0.3	+1.1	+1.2	+1.3	+1.1	+1.0	+1.9	0.0	-0.8	-2.5	-2.7	-2.4	-1.3	-1.3	-1.6	-1.4	-1.6	-2.3
	-3.3	-3.7	-3.4	-2.1	-0.2	-0.4	-0.1	-0.6	-1.4	-0.8	-0.9	-0.6	-0.2	+0.8	+0.5	+0.5	+1.9	+1.9	+2.4	+2.7	+1.8	+1.4	+1.4	+1.5
JESFragmentation	+0.2	-0.2	-0.1	+0.4	+0.2	+0.5	+0.6	+0.5	+0.3	+0.3	-0.2	-0.4	+0.4	+0.4	+0.1	-0.7	-0.5	-0.6	-0.6	-0.2	-0.2	-0.1	+0.2	-0.7
	-0.4	-0.6	-1.2	-0.1	-0.1	0.0	0.0	+0.2	-0.2	-0.2	-0.2	-0.2	+0.2	+0.2	+0.7	+0.1	+0.4	+0.3	-0.1	+0.8	+0.2	+0.1	0.0	+0.2
JESPileUpDataMC	+0.6	+0.1	-0.5	0.0	0.0	+0.5	+0.5	+0.8	+0.3	+0.4	+0.3	+0.6	0.0	-0.2	-0.1	-0.4	-0.5	-0.6	-0.3	-0.6	-0.2	-0.3	+0.1	-1.2
	-0.6	-1.0	-1.1	-0.5	0.0	+0.1	+0.2	-0.1	-0.3	-0.4	-0.2	-0.5	+0.4	+0.7	+0.9	0.0	+0.6	+0.4	0.0	+0.8	+0.2	+0.4	0.0	+0.4
JESPileUpPtBB	+0.1	-0.3	-0.5	+0.2	-0.2	+0.5	+0.6	+0.4	+0.5	+0.2	+0.5	+0.4	-0.7	-0.7	-0.2	-1.0	-0.2	-0.4	-0.5	0.0	-0.1	0.0	-0.2	0.0
	-0.2	-0.5	-0.5	-0.2	0.0	-0.1	-0.3	0.0	-0.4	-0.2	-0.2	-0.1	+0.5	+1.7	+1.9	0.0	+0.2	+0.2	-0.1	+0.3	0.0	0.0	-0.2	0.0
JESPileUpPtEC1	+1.1	+1.5	-0.1	+0.2	+0.2	+0.5	+0.4	+0.4	+0.6	+0.9	+0.7	+0.4	+0.4	+0.5	-0.2	-2.4	-0.4	-0.8	-0.8	-1.0	-0.5	-0.5	-0.3	-1.3
	-0.9	-1.2	-1.3	-0.2	-0.7	-0.4	-0.1	+0.3	-0.6	-0.7	-0.7	-0.4	-0.1	-0.3	+0.9	+1.8	+0.4	+0.3	+0.9	+1.3	+0.5	+0.5	+0.5	+0.5
JESPileUpPtEC2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JESPileUpPtHF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JESPileUpPtRef	+0.2	0.0	-0.4	+0.4	+0.3	+0.7	+0.2	+0.6	+0.6	+0.7	+0.1	+0.2	-0.2	-0.7	-0.8	-1.0	-0.7	-0.5	-0.1	-0.6	-0.1	-0.2	+0.1	-0.8
	-0.2	-1.0	-1.1	0.0	-0.3	+0.2	0.0	-0.3	-0.6	-0.5	-1.0	-0.4	+0.6	+0.8	+0.9	+1.6	+0.7	+0.4	+0.3	+0.5	+0.3	+0.1	+0.3	0.0
JESRelativeBal	+2.0	+2.4	+1.7	+2.0	0.0	+0.5	-0.1	+0.2	+0.6	+0.6	+0.4	-1.0	+1.5	+0.5	+0.6	-2.2	-1.0	-1.3	-0.8	-0.8	-0.9	-1.0	-1.2	-1.1
	-2.8	-2.9	-2.9	-1.8	-0.2	-0.3	+0.1	+0.7	-0.8	-0.6	-0.2	+1.2	-0.2	+0.4	0.0	-0.3	+0.5	+0.5	+1.2	+1.5	+1.1	+1.0	+1.4	+1.3
JESRelativeFSR	-0.6	-0.9	-0.8	-0.3	+0.2	+0.1	+0.2	+0.1	-0.2	-0.2	-0.2	0.0	-0.2	-0.5	-0.1	+0.3	+0.4	+0.4	+0.2	+0.3	+0.3	+0.3	+0.2	0.0
	+0.2	+0.6	+0.3	+0.1	+0.1	+0.3	+0.2	+0.3	0.0	0.0	+0.4	+0.2	+0.6	+0.8	0.0	+0.3	-0.7	-0.6	-0.6	+0.1	-0.2	-0.3	-0.5	-1.2
JESRelativeJEREC1	0.0	0.0	-0.2	+0.2	+0.1	0.0	+0.1	+0.2	0.0	0.0	+0.4	-0.2	+0.1	0.0	+0.3	-0.4	-0.1	0.0	-0.2	0.0	0.0	0.0	-0.4	+0.2
	0.0	0.0	-0.7	+0.2	0.0	0.0	0.0	+0.4	0.0	-0.2	-0.2	-0.3	+0.1	0.0	+0.3	-0.6	-0.1	0.0	-0.2	+0.1	0.0	+0.1	-0.1	+0.8
JESRelativeJEREC2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JESRelativeJERHF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JESRelativePtBB	+0.3	+0.3	+0.1	+0.2	-0.2	-0.1	+0.3	+0.2	+0.1	+0.1	+0.1	0.0	+0.5	+0.1	+0.3	-0.3	-0.5	-0.2	-0.5	-0.1	-0.2	-0.2	-0.3	+0.1
	-0.4	-1.6	-0.8	+0.3	+0.3	+0.5	+0.5	-0.1	-0.1	-0.1	0.0	0.0	-0.5	+0.8	+0.3	-0.9	+0.5	0.0	-0.1	+0.1	+0.2	+0.1	+0.1	+0.1
JESRelativePtEC1	0.0	+1.2	+0.3	+0.5	+0.3	+0.4	+0.1	+0.2	+0.3	+0.3	+0.2	0.0	+0.3	+0.5	+0.2	-1.0	+0.2	-0.4	-0.4	-0.5	-0.4	-0.2	-0.3	-2.0
	-0.6	-0.8	-1.1	-0.5	-0.4	-0.5	+0.1	+0.7	-0.3	-0.4	-0.1	+0.7	+0.1	-0.7	-0.8	+0.5	-0.1	+0.2	+0.5	+0.7	+0.3	+0.5	+0.4	+0.6
JESRelativePtEC2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JESRelativePtHF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JESRelativeStatEC	0.0	+0.3	0.0	+0.2	+0.1	+0.3	+0.4	+0.3	+0.2	-0.1	+0.3	-0.4	0.0	+0.2	+0.3	+0.3	0.0	-0.1	-0.6	-0.5	-0.1	0.0	-0.2	-1.0
	-0.2	-0.4	-1.0	+0.1	0.0	-0.1	+0.1	+0.4	-0.1	-0.1	+0.1	+0.2	+0.2	+0.1	+0.3	-0.8	-0.2	0.0	-0.1	+0.5	0.0	+0.1	0.0	+0.3
JESRelativeStatFSR	0.0	+0.1	-0.3	+0.1	-0.2	+0.1	+0.3	+0.3	+0.2	-0.1	+0.3	-0.1	+0.1	-0.2	+0.2	-0.2	+0.2	0.0	-0.3	0.0	-0.3	+0.1	-0.4	+0.1
	0.0	0.0	-0.8	0.0	-0.2	+0.1	0.0	+0.3	0.0	0.0	+0.1	+0.2	-0.2	-0.2	+0.1	-0.4	+0.2	0.0	-0.1	0.0	0.0	+0.1	-0.3	+0.4
JESRelativeStatHF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JESSinglePionECAL	-0.7	-1.1	-0.8	0.0	+0.1	+0.2	0.0	0.0	-0.2	-0.4	-0.3	-0.2	+0.5	+0.3	+0.7	+0.2	+0.3	+0.3	+0.4	+0.2	+0.1	+0.4	+0.2	+0.3
	+0.3	0.0	-0.1	+0.3	0.0	+0.6	+0.5	+0.7	+0.6	+0.2	-0.2	-0.2	+0.3	+0.3	-0.4	-0.8	-0.5	-0.7	-0.6	+0.1	-0.4	-0.3	+0.1	-0.8