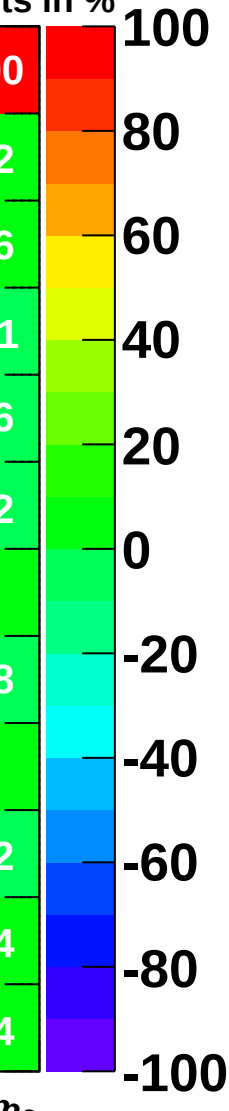
Correlation Matrix (background)

Linear correlation coefficients in %

	DTF Fit chi2	B_s ln(IP χ^2)	ln(1 - B_s DIRA)	X_s daughters min ln(IPχ^2)	X_s cone p_t asy	X_s max DOCA	D_s daughters min ln(IPχ^2)	D_s cone p_t asy	D_s FD significance	D_s RFD	cos(max[$\theta_{Ds\ h}$])	max(ghostProb)
x(ghostProb)	4	4	-2		-8		-2	-6	-1	6	2	100
s(max[$\theta_{Ds\ h}$])	10	-2	-22	24	33	-45	-4	-28	-22	21	100	2
D_s RFD	10	7	-44	36	4	-9	47	7	31	100	21	6
significance		1	17	-16	-31	24	28	24	100	31	-22	-1
s cone p_t asy	-14	-8	-1	-8	2	28	15	100	24	7	-28	-6
s min ln(IPχ^2)	-1		-20	17	-1	4	100	15	28	47	-4	-2
$_s$ max DOCA	1		15	-38	-36	100	4	28	24	-9	-45	
s cone p_t asy	-3	-8	-16	22	100	-36	-1	2	-31	4	33	-8
s min ln(IPχ^2)	4	2	-36	100	22	-38	17	-8	-16	36	24	
(1 - B_s DIRA)	12	57	100	-36	-16	15	-20	-1	17	-44	-22	-2
B_s ln(IP χ^2)	27	100	57	2	-8			-8	1	7	-2	4
DTF Fit chi2	100	27	12	4	-3	1	-1	-14		10	10	4