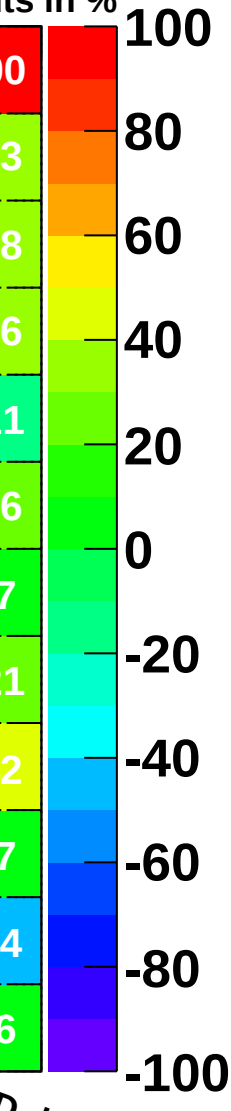
Correlation Matrix (background)

Linear correlation coefficients in %

	B_s ln(IP χ^2)	B_s ln(1 - DIRA)	χ^2_{DTF}/ndf	$\Delta\chi^2_{add\text{-}track}$	B_s $A^{cone}_{p_t}$	max[ghostProb]	X_s daughters min[ln(IPχ^2)]	X_s max[DOCA]	cos(max[$\theta_{Ds\ h}$])	D_s daughters min[ln(IPχ^2)]	D_s ln(χ^2_{FD})	D_s log(RFD)
D_s log(RFD)	6	-44	7	42	21	7	26	-11	36	38	33	100
D_s ln(χ^2_{FD})	3	8	12	62	-6	-1	-7	9	-7	21	100	33
min[ln(IPχ^2)]		-13	-8	30	11	-5	3	8		100	21	38
s(max[$\theta_{Ds\ h}$])		-23	9		21	4	19	-33	100		-7	36
max[DOCA]		13	11	3	-8		-40	100	-33	8	9	-11
min[ln(IPχ^2)]	1	-25	1	3	11		100	-40	19	3	-7	26
x[ghostProb]	2	-5	1	-7	-15	100			4	-5	-1	7
B_s $A^{cone}_{p_t}$	-4	-21	-7	15	100	-15	11	-8	21	11	-6	21
$\Delta\chi^2_{add\text{-}track}$	-1	-9	3	100	15	-7	3	3		30	62	42
χ^2_{DTF}/ndf	37	19	100	3	-7	1	1	11	9	-8	12	7
s ln(1 - DIRA)	60	100	19	-9	-21	-5	-25	13	-23	-13	8	-44
B_s ln(IP χ^2)	100	60	37	-1	-4	2	1				3	6