3P notrigger (sT < 400 GeV)

3P notrigger (\$1 < 400 GeV)																	
1.000	0.944	0.940	0.911	0.840	0.836	0.640	0.409	0.958	0.906	0.916	0.859	0.788	0.740	0.485	0.785		1
0.944	1.000	0.914	0.890	0.860	0.846	0.678	0.420	0.925	0.931	0.896	0.875	0.809	0.790	0.537	0.686		0.8
0.940	0.914	1.000	0.920	0.855	0.850	0.669	0.434	0.934	0.896	0.907	0.871	0.784	0.753	0.500	0.697		
0.911	0.890	0.920	1.000	0.850	0.842	0.624	0.409	0.899	0.862	0.890	0.854	0.783	0.745	0.459	0.668		0.6
0.840	0.860	0.855	0.850	1.000	0.896	0.665	0.387	0.856	0.870	0.841	0.846	0.856	0.864	0.517	0.602		0.4
0.836	0.846	0.850	0.842	0.896	1.000	0.749	0.482	0.837	0.867	0.843	0.835	0.841	0.871	0.554	0.561		
0.640	0.678	0.669	0.624	0.665	0.749	1.000	0.663	0.679	0.725	0.651	0.681	0.626	0.713	0.730	0.448	_	0.2
0.409	0.420	0.434	0.409	0.387	0.482	0.663	1.000	0.435	0.447	0.430	0.427	0.345	0.416	0.522	0.459		0
0.958	0.925	0.934	0.899	0.856	0.837	0.679	0.435	1.000	0.926	0.929	0.901	0.826	0.795	0.576	0.781		0
0.906	0.931	0.896	0.862	0.870	0.867	0.725	0.447	0.926	1.000	0.909	0.904	0.850	0.857	0.607	0.645	_	-0.2
0.916	0.896	0.907	0.890	0.841	0.843	0.651	0.430	0.929	0.909	1.000	0.902	0.831	0.807	0.549	0.678		
0.859	0.875	0.871	0.854	0.846	0.835	0.681	0.427	0.901	0.904	0.902	1.000	0.843	0.844	0.613	0.621	_	-0.4
0.788	0.809	0.784	0.783	0.856	0.841	0.626	0.345	0.826	0.850	0.831	0.843	1.000	0.880	0.570	0.558		-0.6
0.740	0.790	0.753	0.745	0.864	0.871	0.713	0.416	0.795	0.857	0.807	0.844	0.880	1.000	0.650	0.504		
0.485	0.537	0.500	0.459	0.517	0.554	0.730	0.522	0.576	0.607	0.549	0.613	0.570	0.650	1.000	0.380	_	-0.8
0.785	0.686	0.697	0.668	0.602	0.561	0.448	0.459	0.781	0.645	0.678	0.621	0.558	0.504	0.380	1.000		
TTBarSF_1PLE35	TTBarSF_1P3540	TTBarSF_1P4045	TTBarSF_1P4550	TTBarSF_1P5055	TTBarSF_1P5570	TTBarSF_1P70100	TTBarSF_1PGE100	TTBarSF_3PLE35	TTBarSF_3P3540	TTBarSF_3P4045	TTBarSF_3P4550	TTBarSF_3P5055	TTBarSF_3P5570	TTBarSF_3PGE70	TTBar norm		<b>–1</b>
	1.000 0.944 0.940 0.911 0.840 0.640 0.409 0.958 0.906 0.916 0.859 0.788 0.740	1.000 0.944   0.944 1.000   0.940 0.914   0.911 0.890   0.840 0.860   0.836 0.846   0.640 0.678   0.409 0.420   0.958 0.925   0.906 0.931   0.916 0.896   0.788 0.809   0.740 0.790   0.485 0.537   0.785 0.686	1.000     0.944     0.940       0.944     1.000     0.914       0.940     0.914     1.000       0.911     0.890     0.920       0.840     0.860     0.855       0.836     0.846     0.850       0.640     0.678     0.669       0.409     0.420     0.434       0.958     0.925     0.934       0.906     0.931     0.896       0.916     0.896     0.907       0.859     0.875     0.871       0.788     0.809     0.784       0.740     0.790     0.753       0.485     0.537     0.500       0.785     0.686     0.697	1.000     0.944     0.940     0.911       0.944     1.000     0.914     0.890       0.940     0.914     1.000     0.920       0.911     0.890     0.920     1.000       0.840     0.860     0.855     0.850       0.836     0.846     0.850     0.842       0.640     0.678     0.669     0.624       0.409     0.420     0.434     0.409       0.958     0.925     0.934     0.899       0.906     0.931     0.896     0.862       0.916     0.896     0.907     0.890       0.859     0.875     0.871     0.854       0.788     0.809     0.784     0.783       0.740     0.790     0.753     0.745       0.485     0.537     0.500     0.459       0.785     0.686     0.697     0.668	1.000     0.944     0.940     0.911     0.840       0.944     1.000     0.914     0.890     0.860       0.940     0.914     1.000     0.920     0.855       0.911     0.890     0.920     1.000     0.850       0.840     0.860     0.855     0.850     1.000       0.836     0.846     0.850     0.842     0.896       0.640     0.678     0.669     0.624     0.665       0.409     0.420     0.434     0.409     0.387       0.958     0.925     0.934     0.899     0.856       0.906     0.931     0.896     0.862     0.870       0.916     0.896     0.907     0.890     0.841       0.859     0.875     0.871     0.854     0.846       0.788     0.809     0.784     0.783     0.856       0.740     0.790     0.753     0.745     0.864       0.485     0.537     0.500     0.459     0.517       0.785	1.000     0.944     0.940     0.911     0.840     0.836       0.944     1.000     0.914     0.890     0.860     0.846       0.940     0.914     1.000     0.920     0.855     0.850       0.911     0.890     0.920     1.000     0.850     0.842       0.840     0.860     0.855     0.850     1.000     0.896       0.836     0.846     0.850     0.842     0.896     1.000       0.640     0.678     0.669     0.624     0.665     0.749       0.409     0.420     0.434     0.409     0.387     0.482       0.958     0.925     0.934     0.899     0.856     0.837       0.906     0.931     0.896     0.862     0.870     0.867       0.916     0.896     0.907     0.890     0.841     0.843       0.859     0.875     0.871     0.854     0.846     0.835       0.788     0.809     0.784     0.783     0.856     0.841	1.000   0.944   0.940   0.911   0.840   0.836   0.640     0.944   1.000   0.914   0.890   0.860   0.846   0.678     0.940   0.914   1.000   0.920   0.855   0.850   0.669     0.911   0.890   0.920   1.000   0.850   0.842   0.624     0.840   0.860   0.855   0.850   1.000   0.896   0.665     0.836   0.846   0.850   0.842   0.896   1.000   0.749     0.640   0.678   0.669   0.624   0.665   0.749   1.000     0.409   0.420   0.434   0.409   0.387   0.482   0.663     0.958   0.925   0.934   0.899   0.856   0.837   0.679     0.906   0.931   0.896   0.862   0.870   0.867   0.725     0.916   0.896   0.907   0.890   0.841   0.843   0.651     0.859   0.875   0.871   0.854   0.846   0.835   0.681     0.788   0.	1.000   0.944   0.940   0.911   0.840   0.836   0.640   0.409     0.944   1.000   0.914   0.890   0.860   0.846   0.678   0.420     0.940   0.914   1.000   0.920   0.855   0.850   0.669   0.434     0.911   0.890   0.920   1.000   0.850   0.842   0.624   0.409     0.840   0.860   0.855   0.850   1.000   0.896   0.665   0.387     0.836   0.846   0.850   0.842   0.896   1.000   0.749   0.482     0.640   0.678   0.669   0.624   0.665   0.749   1.000   0.663     0.409   0.420   0.434   0.409   0.387   0.482   0.663   1.000     0.958   0.925   0.934   0.899   0.856   0.837   0.679   0.435     0.906   0.931   0.896   0.862   0.870   0.867   0.725   0.447     0.916   0.896   0.907   0.890   0.841   0.843   0.651 <t< td=""><td>1.000 0.944 0.940 0.911 0.840 0.836 0.640 0.409 0.958 0.944 1.000 0.914 0.890 0.860 0.846 0.678 0.420 0.925 0.940 0.914 1.000 0.920 0.855 0.850 0.669 0.434 0.934 0.911 0.890 0.920 1.000 0.850 0.842 0.624 0.409 0.899 0.840 0.860 0.855 0.850 1.000 0.896 0.665 0.387 0.856 0.836 0.846 0.850 0.842 0.896 1.000 0.749 0.482 0.837 0.640 0.678 0.669 0.624 0.665 0.749 1.000 0.663 0.679 0.409 0.420 0.434 0.409 0.387 0.482 0.663 1.000 0.435 0.958 0.925 0.934 0.899 0.856 0.837 0.679 0.435 1.000 0.906 0.931 0.896 0.862 0.870 0.867 0.725 0.447 0.926 0.916 0.896 0.907 0.890 0.841 0.843 0.651 0.430 0.929 0.859 0.875 0.871 0.854 0.846 0.835 0.681 0.427 0.901 0.788 0.809 0.784 0.783 0.856 0.841 0.626 0.345 0.826 0.740 0.790 0.753 0.745 0.864 0.871 0.713 0.416 0.795 0.485 0.537 0.500 0.459 0.517 0.554 0.730 0.522 0.576 0.785 0.686 0.697 0.668 0.602 0.561 0.448 0.459 0.781</td><td>1.000     0.944     0.940     0.911     0.840     0.836     0.640     0.409     0.958     0.906       0.944     1.000     0.914     0.890     0.860     0.846     0.678     0.420     0.925     0.931       0.940     0.914     1.000     0.920     0.855     0.850     0.669     0.434     0.934     0.896       0.911     0.890     0.920     1.000     0.850     0.842     0.624     0.409     0.899     0.862       0.840     0.860     0.855     0.850     1.000     0.896     0.665     0.387     0.856     0.870       0.836     0.846     0.850     0.842     0.896     1.000     0.749     0.482     0.837     0.867       0.640     0.678     0.669     0.624     0.665     0.749     1.000     0.663     0.679     0.725       0.409     0.420     0.434     0.409     0.387     0.482     0.663     1.000     0.435     0.447       0.996     0.931</td></t<> <td>1.000     0.944     0.940     0.911     0.840     0.836     0.640     0.409     0.958     0.906     0.916       0.944     1.000     0.914     0.890     0.860     0.846     0.678     0.420     0.925     0.931     0.896       0.940     0.914     1.000     0.920     0.855     0.850     0.669     0.434     0.934     0.896     0.907       0.911     0.890     0.920     1.000     0.855     0.842     0.624     0.409     0.899     0.862     0.890       0.840     0.860     0.855     0.850     1.000     0.896     0.665     0.387     0.856     0.870     0.841       0.836     0.846     0.855     0.850     1.000     0.749     0.482     0.837     0.867     0.843       0.640     0.678     0.669     0.624     0.665     0.749     1.000     0.663     0.679     0.725     0.651       0.409     0.420     0.434     0.409     0.387     0.482     0.66</td> <td>1.000 0.944 0.940 0.911 0.840 0.836 0.640 0.409 0.958 0.906 0.916 0.859 0.944 1.000 0.914 0.890 0.860 0.846 0.678 0.420 0.925 0.931 0.896 0.875 0.940 0.914 1.000 0.920 0.855 0.850 0.669 0.434 0.934 0.896 0.907 0.871 0.911 0.890 0.920 1.000 0.850 0.842 0.624 0.409 0.899 0.862 0.890 0.854 0.840 0.860 0.855 0.850 1.000 0.896 0.665 0.387 0.856 0.870 0.841 0.846 0.836 0.846 0.850 0.842 0.896 1.000 0.749 0.482 0.837 0.867 0.843 0.835 0.640 0.678 0.669 0.624 0.665 0.749 1.000 0.663 0.679 0.725 0.651 0.681 0.409 0.420 0.434 0.409 0.387 0.482 0.663 1.000 0.435 0.447 0.430 0.427 0.958 0.925 0.934 0.899 0.856 0.837 0.679 0.435 1.000 0.926 0.929 0.901 0.906 0.931 0.896 0.862 0.870 0.841 0.843 0.651 0.430 0.929 0.909 1.000 0.902 0.859 0.875 0.871 0.854 0.846 0.835 0.681 0.427 0.901 0.904 0.902 1.000 0.788 0.809 0.784 0.783 0.856 0.841 0.626 0.345 0.826 0.850 0.831 0.843 0.740 0.790 0.753 0.745 0.864 0.871 0.713 0.416 0.795 0.857 0.807 0.844 0.485 0.537 0.500 0.459 0.517 0.554 0.730 0.522 0.576 0.607 0.549 0.613 0.785 0.686 0.697 0.668 0.602 0.561 0.448 0.459 0.781 0.645 0.678 0.621</td> <td>1.000     0.944     0.940     0.911     0.840     0.836     0.640     0.409     0.958     0.906     0.916     0.859     0.788       0.944     1.000     0.914     0.890     0.860     0.846     0.678     0.420     0.925     0.931     0.896     0.875     0.809       0.940     0.914     1.000     0.920     0.855     0.850     0.669     0.434     0.934     0.896     0.907     0.871     0.784       0.911     0.890     0.920     1.000     0.850     0.842     0.624     0.409     0.899     0.862     0.890     0.854     0.783       0.840     0.860     0.855     0.850     1.000     0.749     0.482     0.837     0.867     0.841     0.846     0.855     0.842     0.896     1.000     0.749     0.482     0.837     0.867     0.843     0.835     0.841     0.842     0.665     0.749     1.000     0.663     0.679     0.725     0.651     0.681     0.626</td> <td>1.000 0.944 0.940 0.911 0.840 0.836 0.640 0.409 0.958 0.906 0.916 0.859 0.788 0.740 0.944 1.000 0.914 0.890 0.860 0.846 0.678 0.420 0.925 0.931 0.896 0.875 0.809 0.790 0.940 0.914 1.000 0.920 0.855 0.850 0.669 0.434 0.934 0.896 0.907 0.871 0.784 0.753 0.911 0.890 0.920 1.000 0.850 0.842 0.624 0.409 0.899 0.862 0.890 0.854 0.783 0.745 0.840 0.860 0.855 0.850 1.000 0.896 0.665 0.387 0.856 0.870 0.841 0.846 0.856 0.864 0.836 0.846 0.850 0.842 0.896 1.000 0.749 0.482 0.837 0.867 0.843 0.835 0.841 0.871 0.640 0.678 0.669 0.624 0.665 0.749 1.000 0.663 0.679 0.725 0.651 0.681 0.626 0.713 0.958 0.925 0.934 0.899 0.856 0.837 0.679 0.435 1.000 0.926 0.929 0.901 0.826 0.795 0.996 0.931 0.896 0.862 0.870 0.841 0.843 0.651 0.430 0.926 0.929 0.901 0.826 0.795 0.859 0.875 0.871 0.854 0.846 0.835 0.681 0.427 0.901 0.904 0.902 1.000 0.843 0.844 0.788 0.899 0.784 0.783 0.856 0.841 0.626 0.345 0.826 0.859 0.875 0.871 0.854 0.846 0.835 0.681 0.427 0.901 0.904 0.902 1.000 0.843 0.844 0.788 0.899 0.784 0.783 0.856 0.841 0.626 0.345 0.826 0.850 0.831 0.843 1.000 0.880 0.740 0.790 0.753 0.745 0.864 0.871 0.713 0.416 0.795 0.857 0.807 0.844 0.880 1.000 0.485 0.537 0.500 0.459 0.517 0.554 0.730 0.522 0.576 0.607 0.549 0.613 0.570 0.650 0.785 0.686 0.697 0.668 0.697 0.668 0.602 0.561 0.648 0.448 0.449 0.449 0.781 0.854 0.869 0.561 0.448 0.459 0.781 0.645 0.678 0.621 0.558 0.504 0.881 0.448 0.449</td> <td>1.000 0.944 0.940 0.911 0.840 0.836 0.640 0.409 0.958 0.906 0.916 0.859 0.788 0.740 0.485 0.944 1.000 0.914 0.890 0.860 0.846 0.678 0.420 0.925 0.931 0.896 0.875 0.809 0.790 0.537 0.940 0.914 1.000 0.920 0.855 0.850 0.669 0.434 0.934 0.896 0.907 0.871 0.784 0.753 0.500 0.911 0.890 0.920 1.000 0.850 0.842 0.624 0.409 0.899 0.862 0.890 0.854 0.783 0.745 0.459 0.836 0.860 0.855 0.850 1.000 0.896 0.665 0.387 0.856 0.870 0.841 0.846 0.856 0.864 0.517 0.836 0.846 0.678 0.669 0.624 0.665 0.749 1.000 0.663 0.679 0.725 0.651 0.681 0.626 0.713 0.730 0.409 0.420 0.434 0.409 0.387 0.482 0.663 1.000 0.435 0.447 0.430 0.427 0.345 0.416 0.522 0.958 0.925 0.934 0.899 0.856 0.837 0.679 0.435 1.000 0.926 0.929 0.901 0.826 0.795 0.576 0.906 0.931 0.896 0.862 0.870 0.867 0.725 0.447 0.926 1.000 0.909 0.904 0.850 0.857 0.607 0.916 0.896 0.907 0.890 0.841 0.843 0.651 0.430 0.929 0.909 1.000 0.902 0.831 0.807 0.549 0.859 0.875 0.871 0.854 0.846 0.835 0.681 0.626 0.345 0.835 0.859 0.875 0.871 0.854 0.846 0.835 0.681 0.427 0.901 0.904 0.902 1.000 0.843 0.844 0.613 0.788 0.809 0.784 0.783 0.856 0.841 0.626 0.345 0.826 0.850 0.831 0.843 1.000 0.860 0.570 0.740 0.790 0.753 0.745 0.866 0.871 0.554 0.733 0.522 0.576 0.607 0.549 0.613 0.570 0.650 1.000 0.785 0.666 0.667 0.668 0.607 0.668 0.602 0.561 0.448 0.459 0.781 0.645 0.678 0.621 0.558 0.504 0.380 0.570 0.785 0.666 0.607 0.668 0.602 0.561 0.448 0.459 0.781 0.645 0.678 0.621 0.558 0.504 0.380 0.504</td> <td>1.000 0.944 0.940 0.911 0.840 0.836 0.640 0.409 0.958 0.906 0.916 0.859 0.788 0.740 0.485 0.785 0.944 1.000 0.914 0.890 0.860 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0.836     0.846     0.850     0.842     0.896     1.000     0.749     0.482     0.837     0.867       0.640     0.678     0.669     0.624     0.665     0.749     1.000     0.663     0.679     0.725       0.409     0.420     0.434     0.409     0.387     0.482     0.663     1.000     0.435     0.447       0.996     0.931	1.000     0.944     0.940     0.911     0.840     0.836     0.640     0.409     0.958     0.906     0.916       0.944     1.000     0.914     0.890     0.860     0.846     0.678     0.420     0.925     0.931     0.896       0.940     0.914     1.000     0.920     0.855     0.850     0.669     0.434     0.934     0.896     0.907       0.911     0.890     0.920     1.000     0.855     0.842     0.624     0.409     0.899     0.862     0.890       0.840     0.860     0.855     0.850     1.000     0.896     0.665     0.387     0.856     0.870     0.841       0.836     0.846     0.855     0.850     1.000     0.749     0.482     0.837     0.867     0.843       0.640     0.678     0.669     0.624     0.665     0.749     1.000     0.663     0.679     0.725     0.651       0.409     0.420     0.434     0.409     0.387     0.482     0.66	1.000 0.944 0.940 0.911 0.840 0.836 0.640 0.409 0.958 0.906 0.916 0.859 0.944 1.000 0.914 0.890 0.860 0.846 0.678 0.420 0.925 0.931 0.896 0.875 0.940 0.914 1.000 0.920 0.855 0.850 0.669 0.434 0.934 0.896 0.907 0.871 0.911 0.890 0.920 1.000 0.850 0.842 0.624 0.409 0.899 0.862 0.890 0.854 0.840 0.860 0.855 0.850 1.000 0.896 0.665 0.387 0.856 0.870 0.841 0.846 0.836 0.846 0.850 0.842 0.896 1.000 0.749 0.482 0.837 0.867 0.843 0.835 0.640 0.678 0.669 0.624 0.665 0.749 1.000 0.663 0.679 0.725 0.651 0.681 0.409 0.420 0.434 0.409 0.387 0.482 0.663 1.000 0.435 0.447 0.430 0.427 0.958 0.925 0.934 0.899 0.856 0.837 0.679 0.435 1.000 0.926 0.929 0.901 0.906 0.931 0.896 0.862 0.870 0.841 0.843 0.651 0.430 0.929 0.909 1.000 0.902 0.859 0.875 0.871 0.854 0.846 0.835 0.681 0.427 0.901 0.904 0.902 1.000 0.788 0.809 0.784 0.783 0.856 0.841 0.626 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   0.665     0.749     1.000     0.663     0.679     0.725     0.651     0.681     0.626	1.000 0.944 0.940 0.911 0.840 0.836 0.640 0.409 0.958 0.906 0.916 0.859 0.788 0.740 0.944 1.000 0.914 0.890 0.860 0.846 0.678 0.420 0.925 0.931 0.896 0.875 0.809 0.790 0.940 0.914 1.000 0.920 0.855 0.850 0.669 0.434 0.934 0.896 0.907 0.871 0.784 0.753 0.911 0.890 0.920 1.000 0.850 0.842 0.624 0.409 0.899 0.862 0.890 0.854 0.783 0.745 0.840 0.860 0.855 0.850 1.000 0.896 0.665 0.387 0.856 0.870 0.841 0.846 0.856 0.864 0.836 0.846 0.850 0.842 0.896 1.000 0.749 0.482 0.837 0.867 0.843 0.835 0.841 0.871 0.640 0.678 0.669 0.624 0.665 0.749 1.000 0.663 0.679 0.725 0.651 0.681 0.626 0.713 0.958 0.925 0.934 0.899 0.856 0.837 0.679 0.435 1.000 0.926 0.929 0.901 0.826 0.795 0.996 0.931 0.896 0.862 0.870 0.841 0.843 0.651 0.430 0.926 0.929 0.901 0.826 0.795 0.859 0.875 0.871 0.854 0.846 0.835 0.681 0.427 0.901 0.904 0.902 1.000 0.843 0.844 0.788 0.899 0.784 0.783 0.856 0.841 0.626 0.345 0.826 0.859 0.875 0.871 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