

Original Latex file created on 06Aug07.1534 and Modified on August 6, 2007.
Numbers in tables created on unknown unknown unknown.

Cuts	km2loose acc	km2tight acc	bipulkm2acc acc
RD	0.99993 ± 0.000582	0.99993 ± 0.000582	0.9998 ± 0.00002
Recon	0.99943 ± 0.000806	0.99965 ± 0.001149	0.9607 ± 0.0006
Beam	0.18214 ± 0.000093	0.17679 ± 0.000091	0.1433 ± 0.0010
PV	0.48183 ± 0.001724	0.25921 ± 0.000942	0.3896 ± 0.0017
Muon	0.08770 ± 0.001724	0.04581 ± 0.000942	0.0536 ± 0.005
BadStc	0.99843 ± 0.002547	0.99923 ± 0.003696	<i>notmeasured</i> ± 0
Kin	0.82963 ± 0.002786	0.84309 ± 0.004750	0.8517 ± 0.0021
TD1	0.46422 ± 0.001307	0.37827 ± 0.001541	0.4668 ± 0.0025
Piscat	0.38453 ± 0.001307	0.31867 ± 0.001541	0.4904 ± 0.0037
UTC	0.94345 ± 0.000770	0.94345 ± 0.000770	<i>measured</i> $\pm km2$
OPS	0.97400 ± 0.003901	0.97335 ± 0.005010	<i>not</i> \pm <i>measured</i>
TGkin	0.71851 ± 0.002932	0.71917 ± 0.003772	0.8115 ± 0.0020
Kpi2	0.66025 ± 0.002932	0.66042 ± 0.003772	0.8115 ± 0.0020
UMC	0.0974 ± 0.0021	0.0798 ± 0.0017	0.0808 ± 0.001
Total $\times 10^{-3}$	2.169 ± 0.064	0.769 ± 0.023	1.456 ± 0.017

Table 1: Total Acceptance Summary

RD	0.99993 ± 0.000582	0.99993 ± 0.000582	0.9998 ± 0.00002
Recon	0.99943 ± 0.000806	0.99965 ± 0.001149	0.9607 ± 0.0006
Beam	0.18214 ± 0.000093	0.17679 ± 0.000091	0.1433 ± 0.0010
PV	0.48183 ± 0.001724	0.25921 ± 0.000942	0.3896 ± 0.0017
Muon	0.08770 ± 0.001724	0.04581 ± 0.000942	0.0536 ± 0.005

Table 2: Muon Summary Table.

Table 3: Muon RD Branch no. 1

Cuts	km2loose acc	km2tight acc	bipulkm2acc acc
<i>BADRUN</i>	5341665 (-)	5341665 (-)	- (-)
<i>ictime - cktbm</i>	3445819 (-)	3445819 (-)	- (-)
<i>icbit</i>	3443749 (-)	3443749 (-)	- (-)
<i>b4dedx</i>	3331752 (-)	3331752 (-)	- (-)
<i>utc</i>	3326661 (-)	3326661 (-)	- (-)
<i>target</i>	3326661 (-)	3326661 (-)	- (-)
<i>utcqual Loose</i>	2956075 (-)	2956075 (-)	- (-)
<i>rdtrk</i>	2956075 (1.0000)	2956075 (1.0000)	- (NA)
<i>trktim</i>	2955878 (0.9999)	2955878 (0.9999)	- (NA)
Muon RD Acc.	0.99993 ± 0.000582	0.99993 ± 0.000582	0.9998 ± 0.00002

Table 4: Muon Recon Branch no. 1

Cuts	km2loose acc	km2tight acc	bipulkm2acc acc
<i>BADRUN</i>	5341665 (-)	5341665 (-)	- (-)
<i>ictime - cktbm</i>	3445819 (-)	3445819 (-)	- (-)
<i>icbit</i>	3443749 (-)	3443749 (-)	- (-)
<i>b4dedx</i>	3331752 (-)	3331752 (-)	- (-)
<i>cpitrs</i>	3285350 (-)	3285350 (-)	- (-)
<i>cpitail</i>	3282130 (-)	3282130 (-)	- (-)
<i>cktrs</i>	3101757 (-)	3101757 (-)	- (-)
<i>cktail</i>	3020010 (-)	3020010 (-)	- (-)
<i>butrs</i>	2822732 (-)	2822732 (-)	- (-)
<i>PVnoBV Loose60</i>	1537260 (-)	756552 (-)	- (-)
<i>rdtrk</i>	1537260 (-)	756552 (-)	- (-)
<i>trktim</i>	1537073 (-)	756475 (-)	- (-)
<i>abs(ictime - trs)</i>	1537073 (-)	756475 (-)	- (-)
<i>rdutm</i>	1536199 (0.9994)	756209 (0.9996)	- (NA)
<i>target</i>	1536199 (1.0000)	756209 (1.0000)	- (NA)
Muon Recon Acc.	0.99943 ± 0.000806	0.99965 ± 0.001149	0.9607 ± 0.0006

Table 5: Muon Beam Branch no. 1

Cuts	km2loose acc	km2tight acc	bipulkm2acc acc
<i>BADRUN</i>	5341665 (-)	5341665 (-)	- (-)
<i>rdtrk</i>	5341588 (-)	5341588 (-)	- (-)
<i>trktim</i>	5339722 (-)	5339722 (-)	- (-)
<i>rdutm</i>	5109624 (-)	5109624 (-)	- (-)
<i>target</i>	5109624 (-)	5109624 (-)	- (-)
<i>icbit</i>	5106715 (-)	5106715 (-)	- (-)
<i>KMU2BOX</i>	4240199 (-)	4240199 (-)	- (-)
<i>cos3d</i>	4092229 (-)	4092229 (-)	- (-)
<i>utcqual Loose</i>	3810360 (-)	3810360 (-)	- (-)
<i>tgcut</i>	3727054 (0.9781)	3727054 (0.9781)	- (NA)
<i>tgqualt</i>	3597243 (0.9652)	3597243 (0.9652)	- (1.0000)
<i>npitg</i>	3597243 (1.0000)	3597243 (1.0000)	- (1.0000)
<i>timcon</i>	3591991 (0.9985)	3591991 (0.9985)	- (0.9959)
<i>igtcon</i>	3553088 (0.9892)	3553088 (0.9892)	- (DNE)
<i>b4etcon</i>	3517894 (0.9901)	3517894 (0.9901)	- (DNE)
<i>DCBIT</i>	3099323 (0.8810)	3099323 (0.8810)	- (0.8941)
<i>del</i>	3062206 (0.9880)	3062206 (0.9880)	- (NA)
<i>Delc Loose</i>	2655821 (0.8673)	2183148 (0.7129)	- (0.9207)
<i>pscut</i>	2519190 (0.9486)	2066935 (0.9468)	- (NA)
<i>b4dedx</i>	2505381 (0.9945)	2055517 (0.9945)	- (0.9944)
<i>butrs</i>	2299756 (0.9179)	1885462 (0.9173)	- (0.9934)
<i>cpitrs</i>	2295894 (0.9983)	1882362 (0.9984)	- (0.9996)
<i>cpitail</i>	2294827 (0.9995)	1881499 (0.9995)	- (DNE)
<i>cktrs</i>	2280199 (0.9936)	1872216 (0.9951)	- (0.9997)
<i>cktail</i>	2243472 (0.9839)	1861073 (0.9940)	- (DNE)
<i>b4trs</i>	2185940 (0.9744)	1811752 (0.9735)	- (0.9963)
<i>b4ccd</i>	2156401 (0.9865)	1792516 (0.9894)	- (0.9951)
<i>upvtrs</i>	2120995 (0.9836)	1764175 (0.9842)	- (1.000)
<i>rvtrs</i>	2118970 (0.9990)	1762590 (0.9991)	- (DNE)
<i>tggeo</i>	2033927 (0.9599)	1690411 (0.9590)	- (notmeasured)
<i>b4ekz</i>	1854351 (0.9117)	1538741 (0.9103)	- (0.7680)
<i>tgzfool</i>	1831431 (0.9876)	1519738 (0.9877)	- (0.9969)
<i>targf</i>	1772508 (0.9678)	1470708 (0.9677)	- (0.9785)
<i>dtgtp</i>	1772501 (1.0000)	1470701 (1.0000)	- (0.9999)
<i>rtidf</i>	1755527 (0.9904)	1456552 (0.9904)	- (0.9976)
<i>tgktim</i>	1738225 (0.9901)	1451245 (0.9964)	- (0.9833)
<i>eiccon</i>	1691588 (0.9732)	1412368 (0.9732)	- (0.9970)
<i>ticcon</i>	1691584 (1.0000)	1412365 (1.0000)	- (0.9988)
<i>pigap</i>	1656868 (0.9795)	1383414 (0.9795)	- (0.9942)
<i>tgdb4</i>	1612204 (0.9730)	1345411 (0.9725)	- (composite)
<i>tgdb4tip</i>	1603999 (0.9949)	1338334 (0.9947)	- (NA)
<i>tgduxtip</i>	1599755 (0.9974)	1334736 (0.9973)	- (composite)
<i>tgduxpi</i>	1564207 (0.9778)	1307081 (0.9793)	- (composite)
TGB4	1564207 (1.0000)	1307081 (1.0000)	- (0.9609)
<i>phiutx1</i>	1517401 (0.9701)	1263663 (0.9668)	- (0.9635)
<i>ccdpul</i>	923642 (0.6087)	899716 (0.7120)	- (0.4312)
<i>CCDbadTim</i>	913215 (0.9887)	889299 (0.9884)	- (NA)
<i>CCD31fib</i>	913200 (1.0000)	889284 (1.0000)	- (NA)
<i>timkf</i>	819558 (0.8975)	797591 (0.8969)	- (0.9286)
<i>verrng</i>	766503 (0.9353)	746003 (0.9353)	- (0.9272)
<i>angli</i>	766099 (0.9995)	745609 (0.9995)	- (0.9999)
<i>ALLKfit</i>	756406 (0.9873)	736012 (0.9871)	- (0.9953)
<i>tpics</i>	755475 (0.9988)	735088 (0.9987)	- (0.9987)
<i>kic</i>	755254 (0.9997)	734868 (0.9997)	- (0.9993)
<i>epionk</i>	694008 (0.9189)	673622 (0.9167)	- (0.9852)
Muon Beam Acc.	0.18214 ± 0.000093	0.17679 ± 0.000091	0.1433 ± 0.0010

Table 6: Muon PV Branch no. 1

Cuts	km2loose acc	km2tight acc	bipulkm2acc acc
<i>BADRUN</i>	5341665 (-)	5341665 (-)	- (-)
<i>icbit</i>	5337504 (-)	5337504 (-)	- (-)
<i>KMU2BOX</i>	4240206 (-)	4240206 (-)	- (-)
<i>cos3d</i>	4092236 (-)	4092236 (-)	- (-)
<i>utqual Loose</i>	3810366 (-)	3810366 (-)	- (-)
<i>rdtrk</i>	3810366 (-)	3810366 (-)	- (-)
<i>trktim</i>	3810360 (-)	3810360 (-)	- (-)
<i>rdutm</i>	3810360 (-)	3810360 (-)	- (-)
<i>target</i>	3810360 (-)	3810360 (-)	- (-)
<i>tgcut</i>	3727054 (-)	3727054 (-)	- (-)
<i>tgqualt</i>	3597243 (-)	3597243 (-)	- (-)
<i>npitg</i>	3597243 (-)	3597243 (-)	- (-)
<i>timcon</i>	3591991 (-)	3591991 (-)	- (-)
<i>tgcon</i>	3553088 (-)	3553088 (-)	- (-)
<i>b4etcon</i>	3517894 (-)	3517894 (-)	- (-)
<i>DCBIT</i>	3099323 (-)	3099323 (-)	- (-)
<i>del</i>	3062206 (-)	3062206 (-)	- (-)
<i>Delc Loose</i>	2655821 (-)	2183148 (-)	- (-)
<i>pscut</i>	2519190 (-)	2066935 (-)	- (-)
<i>b4dedx</i>	2505381 (-)	2055517 (-)	- (-)
<i>butrs</i>	2299756 (-)	1885462 (-)	- (-)
<i>cpitrs</i>	2295894 (-)	1882362 (-)	- (-)
<i>cpitail</i>	2294827 (-)	1881499 (-)	- (-)
<i>cktrs</i>	2280199 (-)	1872216 (-)	- (-)
<i>cktail</i>	2243472 (-)	1861073 (-)	- (-)
<i>b4trs</i>	2185940 (-)	1811752 (-)	- (-)
<i>b4ccd</i>	2156401 (-)	1792516 (-)	- (-)
<i>upvtrs</i>	2120995 (-)	1764175 (-)	- (-)
<i>rvtrs</i>	2118970 (-)	1762590 (-)	- (-)
<i>tggeo</i>	2033927 (-)	1690411 (-)	- (-)
<i>b4ekz</i>	1854351 (-)	1538741 (-)	- (-)
<i>tgzfool</i>	1831431 (-)	1519738 (-)	- (-)
<i>targf</i>	1772508 (-)	1470708 (-)	- (-)
<i>dtgtp</i>	1772501 (-)	1470701 (-)	- (-)
<i>rtidf</i>	1755527 (-)	1456552 (-)	- (-)
<i>tgktim</i>	1738225 (-)	1451245 (-)	- (-)
<i>eccon</i>	1691588 (-)	1412368 (-)	- (-)
<i>ticcon</i>	1691584 (-)	1412365 (-)	- (-)
<i>pigap</i>	1656868 (-)	1383414 (-)	- (-)
<i>tgdb4</i>	1612204 (-)	1345411 (-)	- (-)
<i>tgdb4tip</i>	1603999 (-)	1338334 (-)	- (-)
<i>tgdxrtip</i>	1599755 (-)	1334736 (-)	- (-)
<i>tgdxpi</i>	1564207 (-)	1307081 (-)	- (-)
TGB4	1564207 (-)	1307081 (-)	- (-)
<i>phiutz1</i>	1517401 (-)	1263663 (-)	- (-)
<i>ccdpu</i>	923642 (-)	899716 (-)	- (-)
<i>CCDbadTim</i>	913215 (-)	889299 (-)	- (-)
<i>CCD31fib</i>	913200 (-)	889284 (-)	- (-)
<i>timkf</i>	819558 (-)	797591 (-)	- (-)
<i>verrng</i>	766503 (-)	746003 (-)	- (-)
<i>angli</i>	766099 (-)	745609 (-)	- (-)
<i>ALLKfit</i>	756406 (-)	736012 (-)	- (-)
<i>tpics</i>	755475 (-)	735088 (-)	- (-)
<i>kie</i>	755254 (-)	734868 (-)	- (-)
<i>epionk</i>	694008 (-)	673622 (-)	- (-)
lay < 19	78144 (-)	75775 (-)	- (-)
<i>lhex</i>	73023 (0.9345)	70797 (0.9343)	- (0.9417)
<i>HEX After</i>	70399 (0.9641)	68257 (0.9641)	- (DNE)
<i>PVOnline</i>	67431 (0.9578)	65379 (0.9578)	- (0.9752)
<i>outerlay</i>	66878 (0.9918)	64845 (0.9918)	- (NA)
<i>stlay</i>	66273 (0.9910)	64262 (0.9910)	- (NA)
<i>rshez</i>	63917 (0.9645)	61966 (0.9643)	- (NA)
<i>pvcut</i>	61497 (0.9621)	59617 (0.9621)	- (NA)
<i>tgpcut</i>	60906 (0.9904)	59040 (0.9903)	- (NA)
<i>tgptr</i>	60906 (1.0000)	59040 (1.0000)	- (NA)
<i>tgpu Loose60</i>	58968 (0.9682)	54183 (0.9177)	- (0.8739)
<i>ICPV Loose60</i>	58907 (0.9990)	54019 (0.9970)	- (0.9898)
<i>VCPV Loose60</i>	58870 (0.9994)	53911 (0.9980)	- (0.9958)
<i>COPV Loose60</i>	58560 (0.9947)	53714 (0.9963)	- (0.9828)
<i>MCPV Loose60</i>	58556 (0.9999)	53697 (0.9997)	- (0.9998)
<i>ECPVinner Loose60</i>	54079 (0.9235)	42755 (0.7962)	- (0.8646)
<i>ECPVouter Loose60</i>	47125 (0.8714)	34225 (0.8005)	- (0.9787)
<i>ECPV2nd Loose60</i>	46794 (0.9930)	31733 (0.9272)	- (0.7818)
<i>RDPV Loose60</i>	43371 (0.9268)	22612 (0.7126)	- (0.9149)
<i>BVPV Loose60</i>	40273 (0.9286)	20770 (0.9185)	- (0.9419)
<i>BVLPV Loose60</i>	39653 (0.9846)	20501 (0.9870)	- (DNE)
<i>ADPV Loose60</i>	37692 (0.9505)	19655 (0.9587)	- (0.9696)
<i>earlyBVPV Loose60</i>	37656 (0.9990)	19645 (0.9995)	- (DNE)
<i>DSPV Loose60</i>	37652 (0.9999)	19642 (0.9998)	- (DNE)
<i>PVpnn2 Loose60</i>	37652 (1.0000)	19642 (1.0000)	- (0.4669)
<i>earlyBVL Loose60</i>	37652 (1.0000)	19642 (1.0000)	- (NA)
Muon PV Acc.	0.48183 ± 0.001724	0.25921 ± 0.000942	0.3896 ± 0.0017

Table 7: Muon layer14 study Branch no. 1

Cuts	km2loose acc	km2tight acc	bipulkm2acc acc
<i>BADRUN</i>	5341665 (-)	5341665 (-)	- (-)
<i>Trigger</i>	5341665 (-)	5341665 (-)	- (-)
<i>layeronefo</i>	5337632 (0.9992)	5337632 (0.9992)	- (NA)
Muon PV Acc.	0.99925 ± 0.000432	0.99925 ± 0.000432	<i>not \pm measured</i>

Table 8: Muon UTCqual Study Branch no. 1

Cuts	km2loose acc	km2tight acc	bipulkm2acc acc
<i>BADRUN</i>	5341665 (-)	5341665 (-)	- (-)
<i>ictime - cktbm</i>	3445819 (-)	3445819 (-)	- (-)
<i>icbit</i>	3443749 (-)	3443749 (-)	- (-)
<i>b4dedx</i>	3331752 (-)	3331752 (-)	- (-)
<i>cpitrs</i>	3285350 (-)	3285350 (-)	- (-)
<i>cpitail</i>	3282130 (-)	3282130 (-)	- (-)
<i>cktrs</i>	3101757 (-)	3101757 (-)	- (-)
<i>cktail</i>	3020010 (-)	3020010 (-)	- (-)
<i>butrs</i>	2822732 (-)	2822732 (-)	- (-)
<i>PVnoBV Loose60</i>	1537260 (-)	756552 (-)	- (-)
<i>rdtrk</i>	1537260 (-)	756552 (-)	- (-)
<i>trktim</i>	1537073 (-)	756475 (-)	- (-)
<i>abs(ictime - trs)</i>	1537073 (-)	756475 (-)	- (-)
<i>rdutm</i>	1536199 (0.9994)	756209 (0.9996)	- (NA)
<i>utc</i>	1536199 (1.0000)	756209 (1.0000)	- (NA)
<i>utcqual Loose</i>	1409255 (0.9174)	701362 (0.9275)	- (0.9637)
<i>target</i>	1409255 (1.0000)	701362 (1.0000)	- (NA)
Muon PV Acc.	0.91684 ± 0.000740	0.92714 ± 0.001066	NA ± NA

Table 9: Muon epitg study Branch no. 1

Cuts	km2loose acc	km2tight acc	bipulkm2acc acc
<i>BADRUN</i>	5341665 (-)	5341665 (-)	- (-)
<i>rdtrk</i>	5341588 (-)	5341588 (-)	- (-)
<i>trktim</i>	5339722 (-)	5339722 (-)	- (-)
<i>rdutm</i>	5109624 (-)	5109624 (-)	- (-)
<i>target</i>	5109624 (-)	5109624 (-)	- (-)
<i>icbit</i>	5106715 (-)	5106715 (-)	- (-)
<i>KMU2BOX</i>	4240199 (-)	4240199 (-)	- (-)
<i>cos3d</i>	4092229 (-)	4092229 (-)	- (-)
<i>utqual Loose</i>	3810360 (-)	3810360 (-)	- (-)
<i>tgcut</i>	3727054 (0.9781)	3727054 (0.9781)	- (NA)
<i>tgqualt</i>	3597243 (0.9652)	3597243 (0.9652)	- (1.0000)
<i>npitg</i>	3597243 (1.0000)	3597243 (1.0000)	- (1.0000)
<i>timcon</i>	3591991 (0.9985)	3591991 (0.9985)	- (0.9959)
<i>tgcon</i>	3553088 (0.9892)	3553088 (0.9892)	- (DNE)
<i>b4etcon</i>	3517894 (0.9901)	3517894 (0.9901)	- (DNE)
<i>DCBIT</i>	3099323 (0.8810)	3099323 (0.8810)	- (0.8941)
<i>del</i>	3062206 (0.9880)	3062206 (0.9880)	- (NA)
<i>Delc Loose</i>	2655821 (0.8673)	2183148 (0.7129)	- (0.9207)
<i>pscut</i>	2519190 (0.9486)	2066935 (0.9468)	- (NA)
<i>b4dedx</i>	2505381 (0.9945)	2055517 (0.9945)	- (0.9944)
<i>butrs</i>	2299756 (0.9179)	1885462 (0.9173)	- (0.9934)
<i>cpitrs</i>	2295894 (0.9983)	1882362 (0.9984)	- (0.9996)
<i>cpitail</i>	2294827 (0.9995)	1881499 (0.9995)	- (DNE)
<i>cktrs</i>	2280199 (0.9936)	1872216 (0.9951)	- (0.9997)
<i>cktail</i>	2243472 (0.9839)	1861073 (0.9940)	- (DNE)
<i>b4trs</i>	2185940 (0.9744)	1811752 (0.9735)	- (0.9963)
<i>b4ccd</i>	2156401 (0.9865)	1792516 (0.9894)	- (0.9951)
<i>upvtrs</i>	2120995 (0.9836)	1764175 (0.9842)	- (1.000)
<i>rvtrs</i>	2118970 (0.9990)	1762590 (0.9991)	- (DNE)
<i>tggeo</i>	2033927 (0.9599)	1690411 (0.9590)	- (notmeasured)
<i>b4ekz</i>	1854351 (0.9117)	1538741 (0.9103)	- (0.7680)
<i>tgzfool</i>	1831431 (0.9876)	1519738 (0.9877)	- (0.9969)
<i>epitg</i>	1677445 (0.9159)	1392167 (0.9161)	- (0.9638)
<i>epimaxk</i>	1677445 (1.0000)	1392167 (1.0000)	- (1.0000)
<i>TGdEdx</i>	1673013 (0.9974)	1388509 (0.9974)	- (NA)
<i>tger</i>	1670706 (0.9986)	1386511 (0.9986)	- (1.0000)
<i>tgenr</i>	1640366 (0.9818)	1360353 (0.9811)	- (0.9719)
<i>tglike1</i>	1615704 (0.9850)	1338962 (0.9843)	- (composite)
<i>tglike2</i>	1600049 (0.9903)	1326079 (0.9904)	- (composite)
TGLIKE	1600049 (1.0000)	1326079 (1.0000)	- (1.0000)
<i>tgedge</i>	1592095 (0.9950)	1320876 (0.9961)	- (0.9992)
<i>drp</i>	1589246 (0.9982)	1318394 (0.9981)	- (0.9998)
<i>chi567 Loose</i>	1289121 (0.8112)	1068617 (0.8105)	- (0.8400)
<i>chi5max</i>	1289121 (1.0000)	1068617 (1.0000)	- (0.9799)
<i>targf</i>	1259526 (0.9770)	1044281 (0.9772)	- (0.9785)
<i>dtgttp</i>	1259526 (1.0000)	1044281 (1.0000)	- (0.9999)
<i>rtidf</i>	1248247 (0.9910)	1034869 (0.9910)	- (0.9976)
<i>tgktim</i>	1236272 (0.9904)	1031359 (0.9966)	- (0.9833)
<i>eiccon</i>	1203123 (0.9732)	1003763 (0.9732)	- (0.9970)
<i>ticcon</i>	1203120 (1.0000)	1003761 (1.0000)	- (0.9988)
<i>pigap</i>	1181423 (0.9820)	985698 (0.9820)	- (0.9942)
<i>tgdb4</i>	1150379 (0.9737)	959260 (0.9732)	- (composite)
<i>tgdb4tip</i>	1144901 (0.9952)	954504 (0.9950)	- (NA)
<i>tgduxtip</i>	1142239 (0.9977)	952251 (0.9976)	- (composite)
<i>tgduxpi</i>	1119229 (0.9799)	934395 (0.9812)	- (composite)
TGB4	1119229 (1.0000)	934395 (1.0000)	- (0.9609)
<i>phivtx1</i>	1090883 (0.9747)	907925 (0.9717)	- (0.9635)
<i>ccdpul</i>	665391 (0.6100)	647647 (0.7133)	- (0.4312)
<i>CCDbadTim</i>	658074 (0.9890)	640338 (0.9887)	- (NA)
<i>CCD31fib</i>	658063 (1.0000)	640327 (1.0000)	- (NA)
<i>timkf</i>	591426 (0.8987)	575116 (0.8982)	- (0.9286)
<i>verrng</i>	557910 (0.9433)	542553 (0.9434)	- (0.9272)
<i>angli</i>	557687 (0.9996)	542336 (0.9996)	- (0.9999)
<i>ALLKfit</i>	550810 (0.9877)	535532 (0.9875)	- (0.9953)
<i>tpics</i>	550635 (0.9997)	535358 (0.9997)	- (0.9987)
<i>kic</i>	550484 (0.9997)	535208 (0.9997)	- (0.9993)
<i>epionk</i>	508843 (0.9244)	493567 (0.9222)	- (0.9852)
Muon PV Acc.	0.13354 ± 0.000068	0.12953 ± 0.000066	±

Table 10: Muonparam Branch no. 1

Cuts	km2loose acc	km2tight acc	bipulkm2acc acc
Muon PV Acc.	0.13354 ± 0.000068	0.12953 ± 0.000066	\pm

BadStc	0.99843 ± 0.002547	0.99923 ± 0.003696	$notmeasured \pm 0$
Kin	0.82963 ± 0.002786	0.84309 ± 0.004750	0.8517 ± 0.0021
TD1	0.46422 ± 0.001307	0.37827 ± 0.001541	0.4668 ± 0.0025
Piscat	0.38453 ± 0.001307	0.31867 ± 0.001541	0.4904 ± 0.0037

Table 11: Piscat Summary Table.

Table 12: Piscat BadStc Branch no. 1

Cuts	piloose acc	pitight acc	bipulpiacc acc
<i>BADRUN</i>	5846652 (-)	5846652 (-)	- (-)
<i>DUPEV</i>	5846652 (-)	5846652 (-)	- (-)
<i>rdirk</i>	5846169 (-)	5846169 (-)	- (-)
<i>trktim</i>	5843493 (-)	5843493 (-)	- (-)
<i>target</i>	5843493 (-)	5843493 (-)	- (-)
<i>stlay</i>	4939267 (-)	4939267 (-)	- (-)
<i>utc</i>	4583308 (-)	4583308 (-)	- (-)
<i>rdutm</i>	4487273 (-)	4487273 (-)	- (-)
<i>pdcc</i>	2827484 (-)	2827484 (-)	- (-)
<i>ICbit</i>	2827484 (-)	2827484 (-)	- (-)
<i>b4abm2</i>	1982462 (-)	1982462 (-)	- (-)
<i>tpi - trs</i>	1858057 (-)	1858057 (-)	- (-)
<i>ictime - trs</i>	1824558 (-)	1824558 (-)	- (-)
<i>BOX Loose</i>	401670 (-)	313387 (-)	- (-)
<i>targf</i>	382378 (-)	298132 (-)	- (-)
<i>dtgtip</i>	347356 (-)	268909 (-)	- (-)
<i>rtdif</i>	329845 (-)	254879 (-)	- (-)
<i>tgqualt</i>	291767 (-)	223441 (-)	- (-)
<i>tgzfool</i>	237859 (-)	181518 (-)	- (-)
<i>cktrs</i>	224566 (-)	171413 (-)	- (-)
<i>cktail</i>	222256 (-)	169703 (-)	- (-)
<i>cos3d</i>	206153 (-)	158419 (-)	- (-)
<i>layv4</i>	206133 (-)	158399 (-)	- (-)
<i>RDPV Loose60</i>	153639 (-)	73105 (-)	- (-)
<i>badstc</i>	153397 (0.9984)	73049 (0.9992)	- (NA)
Piscat BadStc Acc.	0.99843 ± 0.002547	0.99923 ± 0.003696	<i>notmeasured</i> ± 0

Table 13: Piscat Kin Branch no. 1

Cuts	piloose acc	pitight acc	bipulpiacc acc
<i>SetupBadStC</i>	153639 (-)	73105 (-)	- (-)
<i>badstc</i>	153397 (-)	73049 (-)	- (-)
<i>pi_flg</i>	121450 (-)	57861 (-)	- (-)
<i>ev5_off</i>	121450 (-)	46959 (-)	- (-)
<i>elveto</i>	107099 (-)	42452 (-)	- (-)
<i>tdfool</i>	102632 (-)	41032 (-)	- (-)
<i>TDnn Loose</i>	88674 (-)	31509 (-)	- (-)
TD Loose	88674 (-)	31509 (-)	- (-)
<i>utcqual Loose</i>	84332 (0.9510)	30024 (0.9529)	- (0.9637)
<i>rngmom</i>	82805 (0.9819)	29492 (0.9823)	- (0.9225)
<i>rsdedxmax</i>	80410 (0.9711)	28749 (0.9748)	- (0.9938)
<i>rsdedxcl</i>	76792 (0.9550)	27573 (0.9591)	- (0.9755)
<i>rslike</i>	76792 (1.0000)	27573 (1.0000)	- (DNE)
RSDEDX	76792 (1.0000)	27573 (1.0000)	- (0.0)
<i>prrf1</i>	76160 (0.9918)	27420 (0.9945)	- (0.9959)
<i>prrfz</i>	73567 (0.9660)	26565 (0.9688)	- (0.9559)
PRRF	73567 (1.0000)	26565 (1.0000)	- (0.0)
<i>icodel14</i>	73567 (1.0000)	26565 (1.0000)	- (notmeasured)
Piscat Kin Acc.	0.82963 ± 0.002786	0.84309 ± 0.004750	0.8517 ± 0.0021

Table 14: Piscat TD1 Branch no. 1

Cuts	piloose acc	pitight acc	bipulpiacc acc
<i>BADRUN</i>	5846652 (-)	5846652 (-)	- (-)
<i>DUPEV</i>	5846652 (-)	5846652 (-)	- (-)
<i>rdirk</i>	5846169 (-)	5846169 (-)	- (-)
<i>trktim</i>	5843493 (-)	5843493 (-)	- (-)
<i>target</i>	5843493 (-)	5843493 (-)	- (-)
<i>stlay</i>	4939267 (-)	4939267 (-)	- (-)
<i>utc</i>	4583308 (-)	4583308 (-)	- (-)
<i>rdutm</i>	4487273 (-)	4487273 (-)	- (-)
<i>pd</i>	2827484 (-)	2827484 (-)	- (-)
<i>ICbit</i>	2827484 (-)	2827484 (-)	- (-)
<i>b4abm2</i>	1982462 (-)	1982462 (-)	- (-)
<i>tpi - trs</i>	1858057 (-)	1858057 (-)	- (-)
<i>ictime - trs</i>	1824558 (-)	1824558 (-)	- (-)
<i>BOX Loose</i>	401670 (-)	313387 (-)	- (-)
<i>targf</i>	382378 (-)	298132 (-)	- (-)
<i>dtgtip</i>	347356 (-)	268909 (-)	- (-)
<i>rtdif</i>	329845 (-)	254879 (-)	- (-)
<i>tgqualt</i>	291767 (-)	223441 (-)	- (-)
<i>tgzfool</i>	237859 (-)	181518 (-)	- (-)
<i>cktrs</i>	224566 (-)	171413 (-)	- (-)
<i>cktail</i>	222256 (-)	169703 (-)	- (-)
<i>cos3d</i>	206153 (-)	158419 (-)	- (-)
<i>layv4</i>	206133 (-)	158399 (-)	- (-)
<i>RDPV Loose60</i>	153639 (-)	73105 (-)	- (-)
<i>badstc</i>	153397 (-)	73049 (-)	- (-)
<i>rngmom</i>	142832 (-)	67913 (-)	- (-)
<i>zfrf</i>	142764 (-)	67905 (-)	- (-)
<i>zutout</i>	142610 (-)	67831 (-)	- (-)
<i>layeronefo</i>	142609 (-)	67831 (-)	- (-)
<i>utqual Loose</i>	135850 (-)	64658 (-)	- (-)
<i>eiccon</i>	126183 (-)	60225 (-)	- (-)
<i>pi_flg</i>	104005 (0.8242)	49820 (0.8272)	- (0.6973)
<i>rshextwo</i>	102074 (0.9814)	48970 (0.9829)	- (NA)
<i>Levl.1</i>	82614 (0.8094)	39926 (0.8153)	- (composite)
<i>Levl.2</i>	69337 (0.8393)	35825 (0.8973)	- (0.7645)
<i>tdcut</i>	65153 (0.9397)	33731 (0.9415)	- (NA)
<i>elveto</i>	62394 (0.9577)	32449 (0.9620)	- (0.9749)
<i>tdfool</i>	62177 (0.9965)	32343 (0.9967)	- (0.9975)
<i>TDnn Loose</i>	58577 (0.9421)	27380 (0.8466)	- (NA)
<i>ev5 off</i>	58577 (1.0000)	22781 (0.8320)	- (NA)
TD Loose	58577 (1.0000)	22781 (1.0000)	- (composite)
Piscat TD1 Acc.	0.46422 ± 0.001307	0.37827 ± 0.001541	0.4668 ± 0.0025

Table 15: Piscat TD2 Branch no. 1

Cuts	piloose acc	pitight acc	bipulpiacc acc
<i>SetupTD1</i>	126183 (-)	60225 (-)	- (-)
RSDEDX	112347 (-)	54130 (-)	- (-)
PRRF	107078 (-)	51797 (-)	- (-)
<i>pi_flg</i>	90125 (0.8417)	43721 (0.8441)	- (0.6973)
<i>rshextwo</i>	88581 (0.9829)	43018 (0.9839)	- (NA)
<i>Lev1.1</i>	72516 (0.8186)	35448 (0.8240)	- (composite)
<i>Lev1.2</i>	61887 (0.8534)	32311 (0.9115)	- (0.7645)
<i>idcut</i>	58264 (0.9415)	30472 (0.9431)	- (NA)
<i>elveto</i>	55811 (0.9579)	29320 (0.9622)	- (0.9749)
<i>tdfool</i>	55633 (0.9968)	29236 (0.9971)	- (0.9975)
<i>TDnn Loose</i>	52451 (0.9428)	24789 (0.8479)	- (NA)
<i>ev5 off</i>	52451 (1.0000)	20663 (0.8336)	- (NA)
TD Loose	52451 (1.0000)	20663 (1.0000)	- (composite)
Piscat TD1 Acc.	0.48984 ± 0.001497	0.39892 ± 0.001753	0.4765 ± 0.0026

Table 16: Piscat TDnn study Branch no. 1

Cuts	piloose acc	pitight acc	bipulpiacc acc
<i>SetupTD1</i>	126183 (-)	60225 (-)	- (-)
<i>pi_flg</i>	104005 (0.8242)	49820 (0.8272)	- (0.6973)
<i>rshextwo</i>	102074 (0.9814)	48970 (0.9829)	- (NA)
<i>Levl.1</i>	82614 (0.8094)	39926 (0.8153)	- (composite)
<i>Levl.2</i>	69337 (0.8393)	35825 (0.8973)	- (0.7645)
<i>tdcut</i>	65153 (0.9397)	33731 (0.9415)	- (NA)
<i>ev5 off</i>	65153 (1.0000)	27959 (0.8289)	- (NA)
<i>elveto</i>	62394 (0.9577)	26916 (0.9627)	- (0.9749)
<i>tdfool</i>	62177 (0.9965)	26838 (0.9971)	- (0.9975)
<i>tdvarnn02.05</i>	60562 (0.9740)	26205 (0.9764)	- (0.9316)
<i>tdvarnn02.10</i>	60151 (0.9932)	26020 (0.9929)	- (0.9316)
<i>tdvarnn02.15</i>	59741 (0.9932)	25844 (0.9932)	- (0.9316)
<i>tdvarnn02.20</i>	59347 (0.9934)	25679 (0.9936)	- (0.9316)
<i>tdvarnn02.25</i>	58966 (0.9936)	25522 (0.9939)	- (0.9316)
<i>tdvarnn02.30</i>	58577 (0.9934)	25349 (0.9932)	- (0.9316)
<i>tdvarnn02.35</i>	58193 (0.9934)	25192 (0.9938)	- (0.9316)
<i>tdvarnn02.40</i>	57780 (0.9929)	25015 (0.9930)	- (0.9316)
<i>tdvarnn02.45</i>	57315 (0.9920)	24814 (0.9920)	- (0.9316)
<i>tdvarnn02.50</i>	56840 (0.9917)	24603 (0.9915)	- (0.9316)
<i>tdvarnn02.55</i>	56261 (0.9898)	24354 (0.9899)	- (0.9316)
<i>tdvarnn02.60</i>	55589 (0.9881)	24058 (0.9878)	- (0.9316)
<i>tdvarnn02.65</i>	54865 (0.9870)	23732 (0.9864)	- (0.9316)
<i>tdvarnn02.70</i>	53965 (0.9836)	23348 (0.9838)	- (0.9316)
<i>tdvarnn02.75</i>	52888 (0.9800)	22885 (0.9802)	- (0.9316)
<i>tdvarnn02.76</i>	52647 (0.9954)	22781 (0.9955)	- (0.9316)
<i>tdvarnn02.80</i>	51391 (0.9761)	22235 (0.9760)	- (0.9316)
Piscat TD1 Acc.	0.40727 ± 0.001147	0.36920 ± 0.001504	0.0 ± 0.0

Table 17: Piscat TDnn Acc study ev5 removed Branch no. 1

Cuts	piloose acc	pitight acc	bipulpiacc acc
<i>SetupTD1</i>	126183 (-)	60225 (-)	- (-)
<i>pi_flg</i>	104005 (0.8242)	49820 (0.8272)	- (0.6973)
<i>rshextwo</i>	102074 (0.9814)	48970 (0.9829)	- (NA)
<i>Levl.1</i>	82614 (0.8094)	39926 (0.8153)	- (composite)
<i>Levl.2</i>	69337 (0.8393)	35825 (0.8973)	- (0.7645)
<i>tdcut</i>	65153 (0.9397)	33731 (0.9415)	- (NA)
<i>elveto</i>	62394 (0.9577)	32449 (0.9620)	- (0.9749)
<i>tdfool</i>	62177 (0.9965)	32343 (0.9967)	- (0.9975)
<i>tdvarnn02.05</i>	60562 (0.9740)	31557 (0.9757)	- (0.9316)
<i>tdvarnn02.10</i>	60151 (0.9932)	31336 (0.9930)	- (0.9316)
<i>tdvarnn02.15</i>	59741 (0.9932)	31119 (0.9931)	- (0.9316)
<i>tdvarnn02.20</i>	59347 (0.9934)	30918 (0.9935)	- (0.9316)
<i>tdvarnn02.25</i>	58966 (0.9936)	30725 (0.9938)	- (0.9316)
<i>tdvarnn02.30</i>	58577 (0.9934)	30515 (0.9932)	- (0.9316)
<i>tdvarnn02.35</i>	58193 (0.9934)	30317 (0.9935)	- (0.9316)
<i>tdvarnn02.40</i>	57780 (0.9929)	30095 (0.9927)	- (0.9316)
<i>tdvarnn02.45</i>	57315 (0.9920)	29859 (0.9922)	- (0.9316)
<i>tdvarnn02.50</i>	56840 (0.9917)	29599 (0.9913)	- (0.9316)
<i>tdvarnn02.55</i>	56261 (0.9898)	29301 (0.9899)	- (0.9316)
<i>tdvarnn02.60</i>	55589 (0.9881)	28945 (0.9879)	- (0.9316)
<i>tdvarnn02.65</i>	54865 (0.9870)	28559 (0.9867)	- (0.9316)
<i>tdvarnn02.70</i>	53965 (0.9836)	28076 (0.9831)	- (0.9316)
<i>tdvarnn02.75</i>	52888 (0.9800)	27503 (0.9796)	- (0.9316)
<i>tdvarnn02.80</i>	51391 (0.9717)	26707 (0.9711)	- (0.9316)
Piscat TD1 Acc.	0.40727 ± 0.001147	0.44345 ± 0.001807	0.0 ± 0.0

Table 18: Piscat Kin Acc tgdedx study Branch no. 1

Cuts	piloose acc	pitight acc	bipulpiacc acc
<i>SetupBadStC</i>	153639 (-)	73105 (-)	- (-)
<i>badstc</i>	153397 (-)	73049 (-)	- (-)
<i>pi_flg</i>	121450 (-)	57861 (-)	- (-)
<i>ev5_off</i>	121450 (-)	46959 (-)	- (-)
<i>elveto</i>	107099 (-)	42452 (-)	- (-)
<i>tdfool</i>	102632 (-)	41032 (-)	- (-)
<i>TDnn Loose</i>	88674 (-)	31509 (-)	- (-)
TD Loose	88674 (-)	31509 (-)	- (-)
<i>utcqual Loose</i>	84332 (0.9510)	30024 (0.9529)	- (0.9637)
<i>rngmom</i>	82805 (0.9819)	29492 (0.9823)	- (0.9225)
<i>rsdedxmax</i>	80410 (0.9711)	28749 (0.9748)	- (0.9938)
<i>rsdedxcl</i>	76792 (0.9550)	27573 (0.9591)	- (0.9755)
<i>rslike</i>	76792 (1.0000)	27573 (1.0000)	- (DNE)
RSDEDX	76792 (1.0000)	27573 (1.0000)	- (0.0)
<i>prrf1</i>	76160 (0.9918)	27420 (0.9945)	- (0.9959)
<i>prrfz</i>	73567 (0.9660)	26565 (0.9688)	- (0.9559)
PRRF	73567 (1.0000)	26565 (1.0000)	- (0.0)
<i>icodel14</i>	73567 (1.0000)	26565 (1.0000)	- (notmeasured)
TGdEdx	65953 (0.8965)	23796 (0.8958)	- (NA)
Piscat TD1 Acc.	0.74377 ± 0.002498	0.75521 ± 0.004255	±

Table 19: Kin tgdedx calib Branch no. 1

Cuts	piloose acc	pitight acc	bipulpiacc acc
<i>BADRUN</i>	5846652 (-)	5846652 (-)	- (-)
<i>DUPEV</i>	5846652 (-)	5846652 (-)	- (-)
<i>rdtrk</i>	5846169 (-)	5846169 (-)	- (-)
<i>trktim</i>	5843493 (-)	5843493 (-)	- (-)
<i>target</i>	5843493 (-)	5843493 (-)	- (-)
<i>stlay</i>	4939267 (-)	4939267 (-)	- (-)
<i>utc</i>	4583308 (-)	4583308 (-)	- (-)
<i>rdutm</i>	4487273 (-)	4487273 (-)	- (-)
<i>pdv</i>	2827484 (-)	2827484 (-)	- (-)
<i>ICbit</i>	2827484 (-)	2827484 (-)	- (-)
<i>b4abm2</i>	1982462 (-)	1982462 (-)	- (-)
<i>abs(tpi - trs) ≥ 5</i>	1858057 (-)	1858057 (-)	- (-)
<i>abs(ictime - trs) ≥ 5.</i>	1824558 (-)	1824558 (-)	- (-)
<i>badstc</i>	1821673 (-)	1821673 (-)	- (-)
<i>tgcut</i>	1504637 (0.8260)	1504637 (0.8260)	- (NA)
<i>tgqualt</i>	1432244 (0.9519)	1432244 (0.9519)	- (1.0000)
<i>npitg</i>	1432244 (1.0000)	1432244 (1.0000)	- (1.0000)
<i>timcon</i>	1427211 (0.9965)	1427211 (0.9965)	- (0.9959)
<i>tgcon</i>	1386332 (0.9714)	1386332 (0.9714)	- (DNE)
<i>b4etcon</i>	1357200 (0.9790)	1357200 (0.9790)	- (DNE)
<i>targf</i>	1274738 (0.9392)	1274738 (0.9392)	- (0.9785)
<i>dtgttp</i>	1274668 (0.9999)	1274668 (0.9999)	- (0.9999)
<i>rtidf</i>	1178401 (0.9245)	1178401 (0.9245)	- (0.9976)
<i>iccon</i>	1146406 (0.9728)	1146406 (0.9728)	- (0.9970)
<i>ticcon</i>	1146395 (1.0000)	1146395 (1.0000)	- (0.9988)
<i>pigap</i>	1031685 (0.8999)	1031685 (0.8999)	- (0.9942)
<i>tgdb4</i>	825054 (0.7997)	825054 (0.7997)	- (composite)
<i>tgdb4tip</i>	499707 (0.6057)	499707 (0.6057)	- (NA)
<i>tgdvrtip</i>	423788 (0.8481)	423788 (0.8481)	- (composite)
<i>tgdvxpi</i>	385058 (0.9086)	385058 (0.9086)	- (composite)
TGB4	385058 (1.0000)	385058 (1.0000)	- (0.9609)
<i>phiwtx1</i>	287777 (0.7474)	287777 (0.7474)	- (0.9635)
<i>pv(not tg) Loose60</i>	80161 (0.2786)	36308 (0.1262)	- (NA)
<i>cos3d</i>	70663 (0.8815)	31862 (0.8775)	- (NA)
<i>utqual Loose</i>	66770 (0.9449)	30228 (0.9487)	- (0.9637)
<i>rngmom</i>	60618 (0.9079)	27535 (0.9109)	- (0.9225)
<i>rsdedxmax</i>	42743 (0.7051)	19624 (0.7127)	- (0.9938)
<i>rsdedxcl</i>	38614 (0.9034)	17813 (0.9077)	- (0.9755)
<i>rslike</i>	38185 (0.9889)	17593 (0.9876)	- (DNE)
RSDEDX	38185 (1.0000)	17593 (1.0000)	- (0.0)
<i>tgz > -10.</i>	38028 (0.9959)	17540 (0.9970)	- (NA)
<i>Kpiang > 35</i>	22321 (0.5870)	10274 (0.5857)	- (NA)
<i>Kpiang > 55</i>	14063 (0.6300)	6484 (0.6311)	- (NA)
Piscat TD1 Acc.	0.00772 ± 0.000006	0.00356 ± 0.000003	±

UTC	0.94345 ± 0.000770	0.94345 ± 0.000770	<i>measured in $\pm km^2$</i>
OPS	0.97400 ± 0.003901	0.97335 ± 0.005010	<i>not \pm measured</i>
TGkin	0.71851 ± 0.002932	0.71917 ± 0.003772	0.8115 ± 0.0020
Kpi2	0.66025 ± 0.002932	0.66042 ± 0.003772	0.8115 ± 0.0020

Table 20: Kpi2 Summary Table.

Table 21: Kpi2 UTC Branch no. 1

Cuts	kp2loose acc	kp2tight acc	bipulkp2acc acc
<i>BADRUN</i>	1913712 (-)	1913712 (-)	- (-)
<i>rdtrk</i>	1913661 (-)	1913661 (-)	- (-)
<i>trktim</i>	1912862 (-)	1912862 (-)	- (-)
<i>stlay</i>	1507744 (-)	1507744 (-)	- (-)
<i>badstc</i>	1502895 (-)	1502895 (-)	- (-)
<i>target</i>	1502895 (-)	1502895 (-)	- (-)
<i>utc</i>	1417906 (0.9435)	1417906 (0.9435)	- (NA)
<i>utcone</i>	1417906 (1.0000)	1417906 (1.0000)	- (NA)
Kpi2 UTC Acc.	0.94345 ± 0.000770	0.94345 ± 0.000770	<i>measuredin</i> $\pm km2$

Table 22: Kpi2 OPS Branch no. 1

Cuts	kp2loose acc	kp2tight acc	bipulkp2acc acc
<i>BADRUN</i>	1913712 (-)	1913712 (-)	- (-)
<i>DUPEV</i>	1913712 (-)	1913712 (-)	- (-)
<i>TRIGGER</i>	1913712 (-)	1913712 (-)	- (-)
<i>rdtrk</i>	1913661 (-)	1913661 (-)	- (-)
<i>trktim</i>	1912862 (-)	1912862 (-)	- (-)
<i>target</i>	1912862 (-)	1912862 (-)	- (-)
<i>stlay</i>	1507744 (-)	1507744 (-)	- (-)
<i>utc</i>	1422496 (-)	1422496 (-)	- (-)
<i>rdutm</i>	1412167 (-)	1412167 (-)	- (-)
<i>badstc</i>	1407615 (-)	1407615 (-)	- (-)
<i>pdcc</i>	1368539 (-)	1368539 (-)	- (-)
<i>b4dedx</i>	1311146 (-)	1311146 (-)	- (-)
<i>butrs</i>	1162486 (-)	1162486 (-)	- (-)
<i>b4trs</i>	1087511 (-)	1087511 (-)	- (-)
<i>b4etcon</i>	1079053 (-)	1079053 (-)	- (-)
<i>b4ccd</i>	1064775 (-)	1064775 (-)	- (-)
<i>cpitrs</i>	1059070 (-)	1059070 (-)	- (-)
<i>cpitail</i>	1058599 (-)	1058599 (-)	- (-)
<i>cktrs</i>	857053 (-)	857053 (-)	- (-)
<i>cktail</i>	817631 (-)	817631 (-)	- (-)
<i>tgqualt</i>	754306 (-)	754306 (-)	- (-)
<i>timcon</i>	748276 (-)	748276 (-)	- (-)
<i>tgtcon</i>	740512 (-)	740512 (-)	- (-)
<i>rvtrs</i>	738907 (-)	738907 (-)	- (-)
<i>upvtrs</i>	726346 (-)	726346 (-)	- (-)
<i>Delc Loose</i>	648593 (-)	535657 (-)	- (-)
<i>tggeo</i>	556040 (-)	458069 (-)	- (-)
PSCut06	556040 (-)	458069 (-)	- (-)
<i>icodel14</i>	553646 (-)	456079 (-)	- (-)
<i>cos3d</i>	502724 (-)	414206 (-)	- (-)
<i>layv4</i>	502665 (-)	414158 (-)	- (-)
<i>zfrf</i>	489370 (-)	403253 (-)	- (-)
<i>zutout</i>	488526 (-)	402557 (-)	- (-)
FIDUCIAL	488526 (-)	402557 (-)	- (-)
<i>utqual Loose</i>	462014 (-)	380631 (-)	- (-)
<i>prrf1</i>	359588 (-)	295769 (-)	- (-)
<i>prrfz</i>	312612 (-)	257184 (-)	- (-)
PRRF	312612 (-)	257184 (-)	- (-)
<i>rsdedxmax</i>	271231 (-)	223100 (-)	- (-)
<i>rsdedxcl</i>	234409 (-)	192867 (-)	- (-)
<i>rslike</i>	225615 (-)	185582 (-)	- (-)
RSDEDX	225615 (-)	185582 (-)	- (-)
<i>rngmom</i>	164715 (-)	135396 (-)	- (-)
Kincut06	164715 (-)	135396 (-)	- (-)
<i>tgdb4</i>	159303 (-)	130810 (-)	- (-)
<i>tgdb4tip</i>	156679 (-)	128536 (-)	- (-)
<i>tgdxrtip</i>	155622 (-)	127661 (-)	- (-)
<i>tgdxrpi</i>	150744 (-)	123897 (-)	- (-)
TGB4	150744 (-)	123897 (-)	- (-)
<i>pi_flg</i>	123739 (-)	101752 (-)	- (-)
<i>elveto</i>	110031 (-)	90505 (-)	- (-)
<i>idfool</i>	107711 (-)	88611 (-)	- (-)
<i>TDnn Loose</i>	92705 (-)	67332 (-)	- (-)
TD Loose	92705 (-)	56074 (-)	- (-)
<i>b4ekz</i>	86008 (-)	52002 (-)	- (-)
<i>dtgttp</i>	86003 (-)	51999 (-)	- (-)
<i>kic</i>	85975 (-)	51981 (-)	- (-)
<i>phiwtx1</i>	82474 (-)	49647 (-)	- (-)
<i>rtdif</i>	81881 (-)	49287 (-)	- (-)
<i>eccon</i>	80482 (-)	48439 (-)	- (-)
<i>targf</i>	78271 (-)	47093 (-)	- (-)
<i>ticcon</i>	78256 (-)	47084 (-)	- (-)
<i>pigap</i>	76772 (-)	46213 (-)	- (-)
<i>tgzfool</i>	75838 (-)	45665 (-)	- (-)
<i>tgktim</i>	75110 (-)	45519 (-)	- (-)
<i>timkf</i>	66927 (-)	40534 (-)	- (-)
Kpi2Box	62333 (-)	37752 (-)	- (-)
<i>opsveto</i>	60712 (0.9740)	36746 (0.9734)	- (notmeasured)
Kpi2 OPS Acc.	0.97400 ± 0.003901	0.97335 ± 0.005010	not ± measured

Table 23: Kpi2 TGkin Branch no. 1

Cuts	kp2loose acc	kp2tight acc	bipulkp2acc acc
<i>SetupOPS</i>	62333 (-)	37752 (-)	- (-)
<i>opsveto</i>	60712 (-)	36746 (-)	- (-)
<i>tgpcut</i>	60049 (-)	36342 (-)	- (-)
<i>TGdEdx</i>	59397 (0.9891)	35941 (0.9890)	- (NA)
<i>tger</i>	59381 (0.9997)	35932 (0.9998)	- (1.0000)
<i>tgenr</i>	57438 (0.9673)	34693 (0.9655)	- (0.9719)
<i>tglike1</i>	56409 (0.9821)	34059 (0.9817)	- (composite)
<i>tglike2</i>	55503 (0.9839)	33505 (0.9837)	- (composite)
TGLIKE	55503 (1.0000)	33505 (1.0000)	- (1.0000)
<i>epitg</i>	49735 (0.8961)	30096 (0.8983)	- (0.9638)
<i>epimaxk</i>	49735 (1.0000)	30096 (1.0000)	- (1.0000)
<i>tgedge</i>	49469 (0.9947)	29946 (0.9950)	- (0.9992)
<i>drp</i>	49383 (0.9983)	29889 (0.9981)	- (0.9998)
<i>chi567 Loose</i>	43147 (0.8737)	26137 (0.8745)	- (0.8400)
<i>chi5max</i>	43146 (1.0000)	26136 (1.0000)	- (0.9799)
Kpi2 TGkin Acc.	0.71851 ± 0.002932	0.71917 ± 0.003772	0.8115 ± 0.0020