

Original Latex file created on 06Mar07_1014 and Modified on March 6, 2007.
Numbers in tables created on unknown unknown unknown.

BadStc	0.998441 ± 0.00254466	0.999235 ± 0.00369409	0.998441 ± 0.000101	<i>notmeasured</i> ± 0
Kinematic	0.829635 ± 0.0027831	0.775389 ± 0.00436612	0.748804 ± 0.001696	0.8517 ± 0.0021
TD1	0.464328 ± 0.0013058	0.381234 ± 0.00162442	0.349456 ± 0.001401	0.4668 ± 0.0025
TD2	0.489958 ± 0.00149573	0.401227 ± 0.00183904	0.369592 ± 0.001555	0.4765 ± 0.0026
Total	0.384622 ± 0.0013058	0.295379 ± 0.00162442	0.269213 ± 0.000830	0.4904 ± 0.0037

Table 1: Acceptance Summary Table.

Table 2: Piscat BadStc Acceptance Branch no. 1

Cuts	piloose acc	pitight acc	icpiacc acc	bipulpiacc acc
<i>BADRUN</i>	5859914 (-)	5859914 (-)	- (-)	- (-)
<i>DUPEV</i>	5859914 (-)	5859914 (-)	- (-)	- (-)
<i>RD_{TRK}</i>	5859431 (-)	5859431 (-)	- (-)	- (-)
<i>TRKTIM</i>	5856737 (-)	5856737 (-)	- (-)	- (-)
<i>TARGET</i>	5856737 (-)	5856737 (-)	- (-)	- (-)
<i>STLAY</i>	4949970 (-)	4949970 (-)	- (-)	- (-)
<i>UTC</i>	4593383 (-)	4593383 (-)	- (-)	- (-)
<i>RDUTM</i>	4497116 (-)	4497116 (-)	- (-)	- (-)
<i>PDC</i>	2833573 (-)	2833573 (-)	- (-)	- (-)
<i>ICbit</i>	2833573 (-)	2833573 (-)	- (-)	- (-)
<i>b4abm2</i>	1986911 (-)	1986911 (-)	- (-)	- (-)
<i>tpi - trs</i>	1881538 (-)	1881538 (-)	- (-)	- (-)
<i>ictime - trs</i>	1847946 (-)	1847946 (-)	- (-)	- (-)
<i>BOX Loose</i>	378224 (-)	294438 (-)	- (-)	- (-)
<i>targf</i>	359928 (-)	279966 (-)	- (-)	- (-)
<i>dtgttp</i>	346686 (-)	268416 (-)	- (-)	- (-)
<i>rtdif</i>	329173 (-)	254385 (-)	- (-)	- (-)
<i>tgqualt</i>	292235 (-)	223737 (-)	- (-)	- (-)
<i>tgz fool</i>	238277 (-)	181801 (-)	- (-)	- (-)
<i>cktrs</i>	224977 (-)	171693 (-)	- (-)	- (-)
<i>cktail</i>	222668 (-)	169980 (-)	- (-)	- (-)
<i>cos3d</i>	206538 (-)	158691 (-)	- (-)	- (-)
<i>layv4</i>	206518 (-)	158671 (-)	- (-)	- (-)
<i>RDPV Loose60</i>	153952 (-)	73168 (-)	- (-)	- (-)
<i>BAD_{sTC}</i>	153712 (0.998441)	73112 (0.999235)	- (0.998441)	- (notmeasured)
Total Acc.	0.998441 ± 0.00254466	0.999235 ± 0.00369409	0.998441 ± 0.000101	<i>notmeasured</i> ± 0

Table 3: Piscat Kinematic Acceptance Branch no. 1

Cuts	piloose acc	pitight acc	icpiacc acc	bipulpiacc acc
<i>SetupBadStC</i>	153952 (-)	73168 (-)	- (-)	- (-)
<i>BAD_sTC</i>	153712 (-)	73112 (-)	- (-)	- (-)
<i>pi_flg</i>	121687 (-)	57918 (-)	- (-)	- (-)
<i>ev502 off</i>	121687 (-)	46966 (-)	- (-)	- (-)
<i>elveto</i>	107329 (-)	42487 (-)	- (-)	- (-)
<i>tdfool</i>	102858 (-)	41067 (-)	- (-)	- (-)
<i>tdvarnn02 Loose</i>	88862 (-)	31539 (-)	- (-)	- (-)
TD Loose	88862 (-)	31539 (-)	- (-)	- (-)
<i>utcqual Loose</i>	84504 (0.950958)	27470 (0.870985)	- (0.872660)	- (0.9637)
<i>rngmom</i>	82979 (0.981954)	27066 (0.985293)	- (0.984926)	- (0.9225)
<i>rsdedxmax</i>	80576 (0.971041)	26409 (0.975726)	- (composite)	- (0.9938)
<i>rsdedxcl</i>	76945 (0.954937)	25369 (0.960619)	- (composite)	- (0.9755)
<i>rslike</i>	76945 (1)	25369 (1)	- (composite)	- (DNE)
RSDEDX	76945 (1)	25369 (1)	- (0.923704)	- (0.0)
<i>prrf1</i>	76314 (0.991799)	25235 (0.994718)	- (composite)	- (0.9959)
<i>prrfz</i>	73723 (0.966048)	24455 (0.969091)	- (composite)	- (0.9559)
PRRF	73723 (1)	24455 (1)	- (0.927226)	- (0.0)
<i>icodel14</i>	73723 (1)	24455 (1)	- (1.000000)	- (notmeasured)
Total Acc.	0.829635 ± 0.0027831	0.775389 ± 0.00436612	0.748804 ± 0.001696	0.8517 ± 0.0021

Table 4: Piscat TD1 Acceptance Branch no. 1

Cuts	piloose acc	pitight acc	icpiacc acc	bipulpiacc acc
<i>BADRUN</i>	5859914 (-)	5859914 (-)	- (-)	- (-)
<i>DUPEV</i>	5859914 (-)	5859914 (-)	- (-)	- (-)
<i>RD_{TRK}</i>	5859431 (-)	5859431 (-)	- (-)	- (-)
<i>TRKTIM</i>	5856737 (-)	5856737 (-)	- (-)	- (-)
<i>TARGET</i>	5856737 (-)	5856737 (-)	- (-)	- (-)
<i>STLAY</i>	4949970 (-)	4949970 (-)	- (-)	- (-)
<i>UTC</i>	4593383 (-)	4593383 (-)	- (-)	- (-)
<i>RDUTM</i>	4497116 (-)	4497116 (-)	- (-)	- (-)
<i>PDC</i>	2833573 (-)	2833573 (-)	- (-)	- (-)
<i>ICbit</i>	2833573 (-)	2833573 (-)	- (-)	- (-)
<i>b4abm2</i>	1986911 (-)	1986911 (-)	- (-)	- (-)
<i>t_{pi} - t_{rs}</i>	1881538 (-)	1881538 (-)	- (-)	- (-)
<i>ictime - t_{rs}</i>	1847946 (-)	1847946 (-)	- (-)	- (-)
<i>BOX Loose</i>	378224 (-)	294438 (-)	- (-)	- (-)
<i>targf</i>	359928 (-)	279966 (-)	- (-)	- (-)
<i>dtgttp</i>	346686 (-)	268416 (-)	- (-)	- (-)
<i>rtdif</i>	329173 (-)	254385 (-)	- (-)	- (-)
<i>tgqualt</i>	292235 (-)	223737 (-)	- (-)	- (-)
<i>tgzfool</i>	238277 (-)	181801 (-)	- (-)	- (-)
<i>cktrs</i>	224977 (-)	171693 (-)	- (-)	- (-)
<i>cktail</i>	222668 (-)	169980 (-)	- (-)	- (-)
<i>cos3d</i>	206538 (-)	158691 (-)	- (-)	- (-)
<i>layv4</i>	206518 (-)	158671 (-)	- (-)	- (-)
<i>RDPV Loose60</i>	153952 (-)	73168 (-)	- (-)	- (-)
<i>BAD_sTC</i>	153712 (-)	73112 (-)	- (-)	- (-)
<i>rngmom</i>	143115 (-)	67967 (-)	- (-)	- (-)
<i>zfrf</i>	143047 (-)	67959 (-)	- (-)	- (-)
<i>zutout</i>	142893 (-)	67885 (-)	- (-)	- (-)
<i>LAYER14</i>	142892 (-)	67885 (-)	- (-)	- (-)
<i>utcqual Loose</i>	136120 (-)	59010 (-)	- (-)	- (-)
<i>eicon</i>	126443 (-)	55079 (-)	- (-)	- (-)
<i>pi_flg</i>	104223 (0.824269)	45665 (0.829082)	- (0.825535)	- (0.6973)
<i>RSHEX2</i>	102291 (0.981463)	44897 (0.983182)	- (0.981471)	- (1.000)
<i>Lev1.1</i>	82791 (0.809367)	36667 (0.816692)	- (0.810259)	- (composite)
<i>Lev1.2</i>	69497 (0.839427)	32949 (0.898601)	- (0.840425)	- (0.7645)
<i>TDCUT</i>	65304 (0.939666)	31053 (0.942457)	- (0.940168)	- (notmeasured)
<i>elveto</i>	62542 (0.957706)	29884 (0.962355)	- (0.957895)	- (0.9749)
<i>tdfool</i>	62325 (0.99653)	29786 (0.996721)	- (0.996965)	- (0.9975)
<i>tdvarnn02 Loose</i>	58711 (0.942014)	25243 (0.847479)	- (0.849444)	- (0.9316)
<i>ev502 of f</i>	58711 (1)	20998 (0.831835)	- (0.830461)	- (0.9874)
TD Loose	58711 (1)	20998 (1)	- (composite)	- (composite)
Total Acc.	0.464328 ± 0.0013058	0.381234 ± 0.00162442	0.349456 ± 0.001401	0.4668 ± 0.0025

Table 5: Piscat TD2 Acceptance Branch no. 1

Cuts	piloose acc	pitight acc	icpiacc acc	bipulpiacc acc
<i>SetupTD1</i>	126443 (-)	55079 (-)	- (-)	- (-)
RSDEDX	112572 (-)	49669 (-)	- (-)	- (-)
PRRF	107303 (-)	47599 (-)	- (-)	- (-)
<i>pi_flg</i>	90309 (0.841626)	40230 (0.845186)	- (0.825535)	- (0.6973)
<i>RSHEX2</i>	88766 (0.982914)	39596 (0.984241)	- (0.981471)	- (1.000)
<i>Lev1.1</i>	72676 (0.818737)	32667 (0.825008)	- (0.810259)	- (composite)
<i>Lev1.2</i>	62034 (0.853569)	29810 (0.912542)	- (0.840425)	- (0.7645)
<i>TDCUT</i>	58404 (0.941484)	28143 (0.944079)	- (0.940168)	- (notmeasured)
<i>elveto</i>	55949 (0.957965)	27087 (0.962477)	- (0.957895)	- (0.9749)
<i>tdfool</i>	55771 (0.996819)	27010 (0.997157)	- (0.996965)	- (0.9975)
<i>tdvarnn02 Loose</i>	52574 (0.942676)	22923 (0.848686)	- (0.849444)	- (0.9316)
<i>ev502 off</i>	52574 (1)	19098 (0.833137)	- (0.830461)	- (0.9874)
TD Loose	52574 (1)	19098 (1)	- (composite)	- (composite)
Total Acc.	0.489958 ± 0.00149573	0.401227 ± 0.00183904	0.369592 ± 0.001555	0.4765 ± 0.0026

Table 6: Piscat TDnn Acc study Branch no. 1

Cuts	piloose acc	pitight acc	icpiacc acc	bipulpiacc acc
<i>SetupTD1</i>	126443 (-)	55079 (-)	- (-)	- (-)
<i>pi_flg</i>	104223 (0.824269)	45665 (0.829082)	- (0.825535)	- (0.6973)
<i>RSHEX2</i>	102291 (0.981463)	44897 (0.983182)	- (0.981471)	- (1.000)
<i>Lev1.1</i>	82791 (0.809367)	36667 (0.816692)	- (0.810259)	- (composite)
<i>Lev1.2</i>	69497 (0.839427)	32949 (0.898601)	- (0.840425)	- (0.7645)
<i>TDCUT</i>	65304 (0.939666)	31053 (0.942457)	- (0.940168)	- (notmeasured)
<i>ev502 off</i>	65304 (1)	25731 (0.828616)	- (0.830461)	- (0.9874)
<i>elveto</i>	62542 (0.957706)	24784 (0.963196)	- (0.957895)	- (0.9749)
<i>tdfool</i>	62325 (0.99653)	24710 (0.997014)	- (0.996965)	- (0.9975)
<i>tdvarnn02.05</i>	60706 (0.974023)	24142 (0.977013)	- (0.849444)	- (0.9316)
<i>tdvarnn02.10</i>	60290 (0.993147)	23973 (0.993)	- (0.849444)	- (0.9316)
<i>tdvarnn02.15</i>	59876 (0.993133)	23817 (0.993493)	- (0.849444)	- (0.9316)
<i>tdvarnn02.20</i>	59480 (0.993386)	23661 (0.99345)	- (0.849444)	- (0.9316)
<i>tdvarnn02.25</i>	59100 (0.993611)	23517 (0.993914)	- (0.849444)	- (0.9316)
<i>tdvarnn02.30</i>	58711 (0.993418)	23353 (0.993026)	- (0.849444)	- (0.9316)
<i>tdvarnn02.35</i>	58326 (0.993442)	23210 (0.993877)	- (0.849444)	- (0.9316)
<i>tdvarnn02.40</i>	57913 (0.992919)	23048 (0.99302)	- (0.849444)	- (0.9316)
<i>tdvarnn02.45</i>	57450 (0.992005)	22862 (0.99193)	- (0.849444)	- (0.9316)
<i>tdvarnn02.50</i>	56974 (0.991715)	22673 (0.991733)	- (0.849444)	- (0.9316)
<i>tdvarnn02.55</i>	56394 (0.98982)	22442 (0.989812)	- (0.849444)	- (0.9316)
<i>tdvarnn02.60</i>	55720 (0.988048)	22178 (0.988236)	- (0.849444)	- (0.9316)
<i>tdvarnn02.65</i>	54992 (0.986935)	21876 (0.986383)	- (0.849444)	- (0.9316)
<i>tdvarnn02.70</i>	54095 (0.983689)	21534 (0.984366)	- (0.849444)	- (0.9316)
<i>tdvarnn02.75</i>	53019 (0.980109)	21095 (0.979614)	- (0.849444)	- (0.9316)
<i>tdvarnn02.76</i>	52775 (0.995398)	20998 (0.995402)	- (0.849444)	- (0.9316)
<i>tdvarnn02.80</i>	51512 (0.976068)	20486 (0.975617)	- (0.849444)	- (0.9316)
Total Acc.	0.407393 ± 0.00114569	0.371938 ± 0.00158481	0.000000 ± 0.000000	0.0 ± 0.0

Table 7: Piscat TDnn Acc study ev5 removed Branch no. 1

Cuts	piloose acc	pitight acc	icpiacc acc	bipulpiacc acc
<i>SetupTD1</i>	5905494 (-)	5905494 (-)	- (-)	- (-)
<i>pi_flg</i>	2173502 (0.368047)	2173502 (0.368047)	- (0.825535)	- (0.6973)
<i>RSHEX2</i>	2094835 (0.963806)	2094835 (0.963806)	- (0.981471)	- (1.000)
<i>Lev1.1</i>	1147419 (0.547737)	1147419 (0.547737)	- (0.810259)	- (composite)
<i>Lev1.2</i>	847308 (0.738447)	847308 (0.738447)	- (0.840425)	- (0.7645)
<i>TDCUT</i>	765008 (0.902869)	765008 (0.902869)	- (0.940168)	- (notmeasured)
<i>elveto</i>	722309 (0.944185)	722309 (0.944185)	- (0.957895)	- (0.9749)
<i>tdfool</i>	679126 (0.940215)	679126 (0.940215)	- (0.996965)	- (0.9975)
<i>tdvarnn02.05</i>	657575 (0.968267)	657575 (0.968267)	- (0.849444)	- (0.9316)
<i>tdvarnn02.10</i>	652737 (0.992643)	652737 (0.992643)	- (0.849444)	- (0.9316)
<i>tdvarnn02.15</i>	648414 (0.993377)	648414 (0.993377)	- (0.849444)	- (0.9316)
<i>tdvarnn02.20</i>	644343 (0.993722)	644343 (0.993722)	- (0.849444)	- (0.9316)
<i>tdvarnn02.25</i>	640107 (0.993426)	640107 (0.993426)	- (0.849444)	- (0.9316)
<i>tdvarnn02.30</i>	635902 (0.993431)	635902 (0.993431)	- (0.849444)	- (0.9316)
<i>tdvarnn02.35</i>	631491 (0.993063)	631491 (0.993063)	- (0.849444)	- (0.9316)
<i>tdvarnn02.40</i>	626915 (0.992754)	626915 (0.992754)	- (0.849444)	- (0.9316)
<i>tdvarnn02.45</i>	622069 (0.99227)	622069 (0.99227)	- (0.849444)	- (0.9316)
<i>tdvarnn02.50</i>	616862 (0.99163)	616862 (0.99163)	- (0.849444)	- (0.9316)
<i>tdvarnn02.55</i>	610743 (0.99008)	610743 (0.99008)	- (0.849444)	- (0.9316)
<i>tdvarnn02.60</i>	603889 (0.988778)	603889 (0.988778)	- (0.849444)	- (0.9316)
<i>tdvarnn02.65</i>	596191 (0.987253)	596191 (0.987253)	- (0.849444)	- (0.9316)
<i>tdvarnn02.70</i>	586610 (0.98393)	586610 (0.98393)	- (0.849444)	- (0.9316)
<i>tdvarnn02.75</i>	574915 (0.980063)	574915 (0.980063)	- (0.849444)	- (0.9316)
<i>tdvarnn02.80</i>	559088 (0.972471)	559088 (0.972471)	- (0.849444)	- (0.9316)
Total Acc.	$0.0946725 \pm 3.89579E - 05$	$0.0946725 \pm 3.89579E - 05$	0.000000 ± 0.000000	0.0 ± 0.0

Table 8: Piscat Kin Acc tgdedx study Branch no. 1

Cuts	piloose acc	pitight acc	icpiacc acc	bipulpiacc acc
<i>SetupBadStC</i>	5905494 (-)	5905494 (-)	- (-)	- (-)
<i>BAD_STC</i>	5895563 (-)	5895563 (-)	- (-)	- (-)
<i>pi_flg</i>	2171703 (-)	2171703 (-)	- (-)	- (-)
<i>ev502 off</i>	2171703 (-)	1435993 (-)	- (-)	- (-)
<i>elveto</i>	1702191 (-)	1215410 (-)	- (-)	- (-)
<i>tdfool</i>	1480025 (-)	1078019 (-)	- (-)	- (-)
<i>tdvarnn02 Loose</i>	1075826 (-)	775508 (-)	- (-)	- (-)
TD Loose	1075826 (-)	775508 (-)	- (-)	- (-)
<i>utcqual Loose</i>	927263 (0.861908)	618635 (0.797716)	- (0.872660)	- (0.9637)
<i>rngmom</i>	902187 (0.972957)	604649 (0.977392)	- (0.984926)	- (0.9225)
<i>rsdedxmax</i>	740347 (0.820614)	507072 (0.838622)	- (composite)	- (0.9938)
<i>rsdedxcl</i>	677493 (0.915102)	464739 (0.916515)	- (composite)	- (0.9755)
<i>rslike</i>	671035 (0.990468)	460270 (0.990384)	- (composite)	- (DNE)
RSDEDX	671035 (1)	460270 (1)	- (0.923704)	- (0.0)
<i>prrf1</i>	643007 (0.958232)	441253 (0.958683)	- (composite)	- (0.9959)
<i>prrfz</i>	589583 (0.916915)	405447 (0.918854)	- (composite)	- (0.9559)
PRRF	589583 (1)	405447 (1)	- (0.927226)	- (0.0)
<i>icodel14</i>	589093 (0.999169)	405202 (0.999396)	- (1.000000)	- (notmeasured)
TGDEDX	455822 (0.773769)	313515 (0.773725)	- (0.922006)	- (0.9858)
Total Acc.	0.423695 ± 0.000408491	0.40427 ± 0.000459069	±	±