

NPR  $Z_{ij}/Z_V^2$

Rajnandini Mukherjee

February 28, 2023

C0	Z(2 GeV)					Z(3 GeV)					$\sigma_{npt}(2, 3)$				
(0, 0)	[0.934234(44)	0	0	0	0	[0.914281(35)	0	0	0	0	[0.978642(51)	0	0	0	0
	0	1.054962(18)	0.33562(10)	0	0	0	1.049854(12)	0.277590(57)	0	0	0	0.997109(23)	-0.0788(19)	0	0
	0	0.026112(14)	0.72413(17)	0	0	0	0.038174(20)	0.881767(64)	0	0	0	0.006116(23)	1.21484(32)	0	0
	0	0	0	0.78808(19)	-0.02187(22)	0	0	0	0.926309(72)	-0.03783(16)	0	0	0	1.17108(30)	-0.01083(21)
	0	0	0	-0.3138(12)	1.127803(66)	0	0	0	-0.25071(78)	1.037727(13)	0	0	0	0.04871(17)	0.921076(56)
(0, 1)	[0.934037(50)	0	0	0	0	[0.924815(38)	0	0	0	0	[0.990125(64)	0	0	0	0
	0	1.041579(26)	0.26314(15)	0	0	0	1.036537(10)	0.209521(80)	0	0	0	0.996658(28)	-0.0650(16)	0	0
	0	0.023998(14)	0.81100(20)	0	0	0	0.032201(15)	0.931939(75)	0	0	0	0.004474(22)	1.14766(37)	0	0
	0	0	0	0.85787(21)	-0.02136(23)	0	0	0	0.961914(75)	-0.03232(16)	0	0	0	1.11903(30)	-0.00784(28)
	0	0	0	-0.2442(14)	1.072599(58)	0	0	0	-0.18934(94)	1.010957(23)	0	0	0	0.04795(19)	0.943485(49)
(1, 0)	[0.934037(41)	0	0	0	0	[0.924823(33)	0	0	0	0	[0.990135(45)	0	0	0	0
	0	1.041567(16)	0.26312(10)	0	0	0	1.036519(12)	0.209451(88)	0	0	0	0.996654(24)	-0.0650(24)	0	0
	0	0.024010(13)	0.81102(18)	0	0	0	0.032196(12)	0.931981(91)	0	0	0	0.004454(15)	1.14770(28)	0	0
	0	0	0	0.85791(19)	-0.02137(20)	0	0	0	0.961924(90)	-0.03231(12)	0	0	0	1.11900(22)	-0.00782(26)
	0	0	0	-0.2443(12)	1.072609(60)	0	0	0	-0.18929(97)	1.010937(16)	0	0	0	0.04801(19)	0.943459(64)
(1, 1)	[0.929398(49)	0	0	0	0	[0.930868(35)	0	0	0	0	[1.001581(54)	0	0	0	0
	0	1.034338(24)	0.22588(13)	0	0	0	1.029224(14)	0.171518(92)	0	0	0	0.996433(33)	-0.0630(21)	0	0
	0	0.022622(14)	0.85006(19)	0	0	0	0.027324(12)	0.947586(89)	0	0	0	0.002048(22)	1.11417(21)	0	0
	0	0	0	0.88330(19)	-0.02101(20)	0	0	0	0.968393(84)	-0.02791(12)	0	0	0	1.09519(19)	-0.00469(17)
	0	0	0	-0.2122(13)	1.044361(53)	0	0	0	-0.1574(10)	1.000978(22)	0	0	0	0.05234(17)	0.959512(64)

C1	Z(2 GeV)					Z(3 GeV)					$\sigma_{npt}(2, 3)$				
(0, 0)	0.934610(98)	0	0	0	0	0.916110(45)	0	0	0	0	0.98020(10)	0	0	0	0
	0	1.05483(11)	0.34032(19)	0	0	0	1.049532(54)	0.27817(15)	0	0	0	0.99705(13)	-0.0857(34)	0	0
	0	0.025639(57)	0.71306(35)	0	0	0	0.036895(32)	0.872352(72)	0	0	0	0.005302(78)	1.22085(66)	0	0
	0	0	0	0.77857(32)	-0.02112(56)	0	0	0	0.917469(78)	-0.03636(40)	0	0	0	1.17422(48)	-0.01018(70)
	0	0	0	-0.3195(19)	1.13469(18)	0	0	0	-0.2518(15)	1.042501(53)	0	0	0	0.05411(18)	0.91976(16)
(0, 1)	0.93389(13)	0	0	0	0	0.925804(40)	0	0	0	0	0.99133(13)	0	0	0	0
	0	1.041696(94)	0.26817(24)	0	0	0	1.036503(38)	0.21042(14)	0	0	0	0.99662(11)	-0.0709(33)	0	0
	0	0.023708(87)	0.80170(59)	0	0	0	0.031399(31)	0.925753(77)	0	0	0	0.003891(92)	1.1534(10)	0	0
	0	0	0	0.85021(49)	-0.02084(82)	0	0	0	0.956176(84)	-0.03141(34)	0	0	0	1.12244(65)	-0.0074(11)
	0	0	0	-0.2497(30)	1.07812(26)	0	0	0	-0.1906(12)	1.013991(47)	0	0	0	0.05227(34)	0.94152(16)
(1, 0)	0.93387(11)	0	0	0	0	0.925788(58)	0	0	0	0	0.99134(16)	0	0	0	0
	0	1.04177(16)	0.26798(28)	0	0	0	1.036513(45)	0.21045(17)	0	0	0	0.99655(14)	-0.0705(39)	0	0
	0	0.023725(73)	0.80192(45)	0	0	0	0.031391(42)	0.92571(11)	0	0	0	0.003873(78)	1.15306(72)	0	0
	0	0	0	0.85053(40)	-0.02093(65)	0	0	0	0.95612(10)	-0.03141(41)	0	0	0	1.12198(44)	-0.00735(72)
	0	0	0	-0.2495(36)	1.07780(30)	0	0	0	-0.1907(17)	1.013998(32)	0	0	0	0.05210(47)	0.94181(30)
(1, 1)	0.92860(16)	0	0	0	0	0.930993(67)	0	0	0	0	1.00256(11)	0	0	0	0
	0	1.03475(18)	0.23124(46)	0	0	0	1.029458(37)	0.17345(15)	0	0	0	0.99635(18)	-0.0675(42)	0	0
	0	0.022490(98)	0.84241(61)	0	0	0	0.026969(40)	0.94303(12)	0	0	0	0.001742(94)	1.11895(81)	0	0
	0	0	0	0.87706(51)	-0.0206(12)	0	0	0	0.96424(12)	-0.02748(38)	0	0	0	1.09826(66)	-0.0045(15)
	0	0	0	-0.2177(40)	1.04871(38)	0	0	0	-0.1595(17)	1.003027(30)	0	0	0	0.05580(51)	0.95753(37)

C2	Z(2 GeV)					Z(3 GeV)					$\sigma_{npt}(2, 3)$				
(0, 0)	0.934749(74)	0	0	0	0	0.915914(53)	0	0	0	0	0.979850(96)	0	0	0	0
	0	1.05511(14)	0.34103(36)	0	0	0	1.049572(68)	0.27849(16)	0	0	0	0.99684(14)	-0.0863(49)	0	0
	0	0.025626(76)	0.71195(36)	0	0	0	0.036973(50)	0.87235(18)	0	0	0	0.00534(10)	1.22272(74)	0	0
	0	0	0	0.77743(34)	-0.02101(56)	0	0	0	0.91752(23)	-0.03642(65)	0	0	0	1.17594(58)	-0.01032(84)
	0	0	0	-0.3200(30)	1.13482(26)	0	0	0	-0.2522(14)	1.042539(32)	0	0	0	0.05414(42)	0.91967(20)
(0, 1)	0.933892(61)	0	0	0	0	0.925528(63)	0	0	0	0	0.99104(10)	0	0	0	0
	0	1.04187(16)	0.26890(51)	0	0	0	1.036537(69)	0.21083(19)	0	0	0	0.99649(21)	-0.0714(83)	0	0
	0	0.023712(93)	0.79999(53)	0	0	0	0.031472(51)	0.92567(15)	0	0	0	0.00390(10)	1.15578(82)	0	0
	0	0	0	0.84853(45)	-0.02074(70)	0	0	0	0.95612(19)	-0.03147(51)	0	0	0	1.12456(63)	-0.00756(95)
	0	0	0	-0.2502(40)	1.07777(27)	0	0	0	-0.1912(19)	1.013984(34)	0	0	0	0.05242(54)	0.94182(29)
(1, 0)	0.933814(82)	0	0	0	0	0.925530(59)	0	0	0	0	0.99112(11)	0	0	0	0
	0	1.04174(18)	0.26888(43)	0	0	0	1.036515(70)	0.21082(23)	0	0	0	0.99661(16)	-0.0714(52)	0	0
	0	0.023772(90)	0.80024(30)	0	0	0	0.031474(63)	0.92568(18)	0	0	0	0.00384(13)	1.15546(50)	0	0
	0	0	0	0.84878(21)	-0.02079(72)	0	0	0	0.95614(20)	-0.03148(65)	0	0	0	1.12426(42)	-0.00752(96)
	0	0	0	-0.2501(34)	1.07753(27)	0	0	0	-0.1911(17)	1.013951(25)	0	0	0	0.05234(57)	0.94200(19)
(1, 1)	0.928455(70)	0	0	0	0	0.930697(81)	0	0	0	0	1.00241(10)	0	0	0	0
	0	1.03461(20)	0.23193(56)	0	0	0	1.029479(85)	0.17386(24)	0	0	0	0.99652(21)	-0.0681(71)	0	0
	0	0.02256(10)	0.84040(45)	0	0	0	0.027040(55)	0.94298(14)	0	0	0	0.00167(14)	1.12159(40)	0	0
	0	0	0	0.87503(36)	-0.02063(68)	0	0	0	0.96420(18)	-0.02755(60)	0	0	0	1.10074(55)	-0.00462(78)
	0	0	0	-0.2182(45)	1.04805(30)	0	0	0	-0.1601(19)	1.002961(30)	0	0	0	0.05600(72)	0.95807(28)

M0	Z(2 GeV)					Z(3 GeV)					$\sigma_{npt}(2, 3)$				
(0, 0)	0.961750(72)	0	0	0	0	0.941413(24)	0	0	0	0	0.978855(80)	0	0	0	0
	0	1.060506(49)	0.361204(89)	0	0	0	1.046239(13)	0.271996(27)	0	0	0	0.988968(59)	-0.1325(14)	0	0
	0	0.019370(16)	0.642806(98)	0	0	0	0.0253320(92)	0.803005(45)	0	0	0	0.001080(25)	1.24861(18)	0	0
	0	0	0	0.722410(99)	-0.01237(23)	0	0	0	0.854484(52)	-0.02270(13)	0	0	0	1.17959(10)	-0.00675(25)
	0	0	0	-0.34500(68)	1.199657(84)	0	0	0	-0.24835(25)	1.085950(17)	0	0	0	0.088963(86)	0.906135(72)
(0, 1)	0.955402(70)	0	0	0	0	0.943999(25)	0	0	0	0	0.988064(93)	0	0	0	0
	0	1.047301(52)	0.29012(10)	0	0	0	1.034519(13)	0.204764(28)	0	0	0	0.989786(52)	-0.1117(12)	0	0
	0	0.018670(18)	0.737649(84)	0	0	0	0.022595(10)	0.877069(42)	0	0	0	0.000380(25)	1.18885(15)	0	0
	0	0	0	0.801279(97)	-0.01380(23)	0	0	0	0.912116(60)	-0.02136(12)	0	0	0	1.13663(15)	-0.00502(25)
	0	0	0	-0.26955(74)	1.127662(80)	0	0	0	-0.18640(30)	1.043286(15)	0	0	0	0.07892(11)	0.926143(71)
(1, 0)	0.955422(73)	0	0	0	0	0.943993(25)	0	0	0	0	0.988037(72)	0	0	0	0
	0	1.047317(50)	0.290149(85)	0	0	0	1.034517(14)	0.204763(35)	0	0	0	0.989769(47)	-0.1117(12)	0	0
	0	0.018667(18)	0.737607(85)	0	0	0	0.022595(10)	0.877063(43)	0	0	0	0.000383(19)	1.18891(19)	0	0
	0	0	0	0.80124(10)	-0.01379(24)	0	0	0	0.912111(57)	-0.02135(14)	0	0	0	1.13667(16)	-0.00503(30)
	0	0	0	-0.26957(63)	1.127716(59)	0	0	0	-0.18640(34)	1.043288(19)	0	0	0	0.07894(11)	0.926099(40)
(1, 1)	0.944783(72)	0	0	0	0	0.942487(25)	0	0	0	0	0.997569(69)	0	0	0	0
	0	1.040368(54)	0.254457(97)	0	0	0	1.028792(13)	0.172683(38)	0	0	0	0.990689(63)	-0.1010(18)	0	0
	0	0.018691(22)	0.785518(75)	0	0	0	0.020865(12)	0.907042(38)	0	0	0	-0.00069(23)	1.154930(96)	0	0
	0	0	0	0.83368(10)	-0.01518(27)	0	0	0	0.931145(55)	-0.02046(13)	0	0	0	1.11598(11)	-0.00323(39)
	0	0	0	-0.23594(69)	1.088044(58)	0	0	0	-0.15917(36)	1.023508(14)	0	0	0	0.075595(47)	0.941741(60)

M1	Z(2 GeV)					Z(3 GeV)					$\sigma_{npt}(2, 3)$				
(0, 0)	0.95990(16)	0	0	0	0	0.941013(75)	0	0	0	0	0.98032(18)	0	0	0	0
	0	1.06010(20)	0.36481(34)	0	0	0	1.046249(40)	0.273879(75)	0	0	0	0.98943(19)	-0.1366(39)	0	0
	0	0.019443(65)	0.63725(36)	0	0	0	0.025215(24)	0.79943(12)	0	0	0	0.000784(71)	1.25404(57)	0	0
	0	0	0	0.71707(45)	-0.0123(11)	0	0	0	0.85122(10)	-0.02251(30)	0	0	0	1.18389(74)	-0.0065(15)
	0	0	0	-0.3494(40)	1.20195(27)	0	0	0	-0.25052(97)	1.087519(57)	0	0	0	0.09200(56)	0.90573(23)
(0, 1)	0.95358(16)	0	0	0	0	0.943357(76)	0	0	0	0	0.98927(19)	0	0	0	0
	0	1.04720(23)	0.29438(39)	0	0	0	1.034611(37)	0.20673(11)	0	0	0	0.99005(21)	-0.1157(65)	0	0
	0	0.018851(71)	0.73223(42)	0	0	0	0.022596(26)	0.87427(11)	0	0	0	8.478000(79)	1.19393(72)	0	0
	0	0	0	0.79623(36)	-0.0139(14)	0	0	0	0.90958(10)	-0.02131(36)	0	0	0	1.14070(56)	-0.0047(20)
	0	0	0	-0.2742(40)	1.12963(26)	0	0	0	-0.1885(11)	1.044275(56)	0	0	0	0.08195(52)	0.92544(14)
(1, 0)	0.95365(17)	0	0	0	0	0.943423(78)	0	0	0	0	0.98927(19)	0	0	0	0
	0	1.04709(22)	0.29438(43)	0	0	0	1.034703(46)	0.20689(10)	0	0	0	0.99023(22)	-0.1155(79)	0	0
	0	0.018821(70)	0.73221(43)	0	0	0	0.022604(29)	0.874158(92)	0	0	0	0.000128(79)	1.19381(70)	0	0
	0	0	0	0.79614(40)	-0.0139(16)	0	0	0	0.909547(98)	-0.02133(39)	0	0	0	1.14077(56)	-0.0048(18)
	0	0	0	-0.2742(45)	1.12955(26)	0	0	0	-0.1886(12)	1.044343(49)	0	0	0	0.08188(52)	0.92556(20)
(1, 1)	0.94293(17)	0	0	0	0	0.941649(79)	0	0	0	0	0.99864(25)	0	0	0	0
	0	1.04027(25)	0.25899(51)	0	0	0	1.029031(43)	0.17494(11)	0	0	0	0.99109(29)	-0.1047(50)	0	0
	0	0.018951(86)	0.78037(54)	0	0	0	0.020985(30)	0.90469(10)	0	0	0	-0.0009(10)	1.15962(94)	0	0
	0	0	0	0.82886(46)	-0.0154(22)	0	0	0	0.92905(10)	-0.02055(42)	0	0	0	1.12001(55)	-0.0029(24)
	0	0	0	-0.2407(47)	1.08949(27)	0	0	0	-0.1615(13)	1.024172(53)	0	0	0	0.07845(50)	0.94115(29)

M2	Z(2 GeV)					Z(3 GeV)					$\sigma_{npt}(2, 3)$				
(0, 0)	0.96013(20)	0	0	0	0	0.941285(56)	0	0	0	0	0.98036(23)	0	0	0	0
	0	1.05972(18)	0.36345(28)	0	0	0	1.046254(41)	0.27361(11)	0	0	0	0.98973(18)	-0.1349(45)	0	0
	0	0.01920(14)	0.63806(52)	0	0	0	0.025204(28)	0.79952(21)	0	0	0	0.00109(20)	1.25242(93)	0	0
	0	0	0	0.71804(49)	-0.0122(12)	0	0	0	0.85139(22)	-0.02251(37)	0	0	0	1.18249(83)	-0.0066(15)
	0	0	0	-0.3478(38)	1.20092(69)	0	0	0	-0.2501(13)	1.087478(85)	0	0	0	0.09071(42)	0.90646(43)
(0, 1)	0.95371(20)	0	0	0	0	0.943627(47)	0	0	0	0	0.98941(22)	0	0	0	0
	0	1.04680(17)	0.29301(41)	0	0	0	1.034656(46)	0.20661(14)	0	0	0	0.99041(17)	-0.1140(56)	0	0
	0	0.01858(15)	0.73275(62)	0	0	0	0.022588(36)	0.87426(25)	0	0	0	0.00040(20)	1.19296(76)	0	0
	0	0	0	0.79691(57)	-0.01381(96)	0	0	0	0.90972(29)	-0.02132(46)	0	0	0	1.13987(93)	-0.00494(85)
	0	0	0	-0.2726(41)	1.12852(74)	0	0	0	-0.1883(15)	1.044324(93)	0	0	0	0.08063(39)	0.92637(51)
(1, 0)	0.95372(22)	0	0	0	0	0.943632(47)	0	0	0	0	0.98942(20)	0	0	0	0
	0	1.04663(24)	0.29279(28)	0	0	0	1.034584(47)	0.20652(10)	0	0	0	0.99050(20)	-0.1139(42)	0	0
	0	0.01855(16)	0.73289(53)	0	0	0	0.022584(35)	0.87428(19)	0	0	0	0.00043(25)	1.19274(77)	0	0
	0	0	0	0.79695(48)	-0.01373(96)	0	0	0	0.90971(23)	-0.02130(43)	0	0	0	1.13977(70)	-0.0050(13)
	0	0	0	-0.2724(29)	1.12845(72)	0	0	0	-0.1881(14)	1.044246(74)	0	0	0	0.08057(47)	0.92636(52)
(1, 1)	0.94291(22)	0	0	0	0	0.941867(44)	0	0	0	0	0.99888(32)	0	0	0	0
	0	1.03984(22)	0.25757(38)	0	0	0	1.028957(55)	0.17472(14)	0	0	0	0.99138(26)	-0.1032(64)	0	0
	0	0.01863(19)	0.78059(61)	0	0	0	0.020974(52)	0.90474(29)	0	0	0	-0.0005(23)	1.15923(88)	0	0
	0	0	0	0.82924(58)	-0.01521(92)	0	0	0	0.92919(30)	-0.02054(56)	0	0	0	1.11959(68)	-0.0032(11)
	0	0	0	-0.2390(31)	1.08835(81)	0	0	0	-0.1611(13)	1.024156(91)	0	0	0	0.07723(50)	0.94209(52)

M3	Z(2 GeV)					Z(3 GeV)					$\sigma_{npt}(2, 3)$				
(0, 0)	0.96099(38)	0	0	0	0	0.94124(16)	0	0	0	0	0.97945(44)	0	0	0	0
	0	1.06041(18)	0.36406(37)	0	0	0	1.046237(56)	0.27368(25)	0	0	0	0.98911(18)	-0.1353(60)	0	0
	0	0.01939(13)	0.63821(67)	0	0	0	0.025135(32)	0.79934(41)	0	0	0	0.00080(16)	1.2520(14)	0	0
	0	0	0	0.71814(77)	-0.0120(14)	0	0	0	0.85115(39)	-0.02241(25)	0	0	0	1.1819(14)	-0.0067(16)
	0	0	0	-0.3488(62)	1.20295(64)	0	0	0	-0.2503(27)	1.08765(12)	0	0	0	0.0910(12)	0.90506(50)
(0, 1)	0.95453(41)	0	0	0	0	0.94359(17)	0	0	0	0	0.98854(53)	0	0	0	0
	0	1.04732(19)	0.29325(37)	0	0	0	1.034606(57)	0.20658(31)	0	0	0	0.98989(19)	-0.1141(66)	0	0
	0	0.01873(16)	0.73327(74)	0	0	0	0.022497(37)	0.87410(42)	0	0	0	0.00016(17)	1.1919(13)	0	0
	0	0	0	0.79732(85)	-0.0135(16)	0	0	0	0.90945(40)	-0.02121(30)	0	0	0	1.1388(11)	-0.0051(15)
	0	0	0	-0.2734(47)	1.13050(49)	0	0	0	-0.1883(39)	1.044420(95)	0	0	0	0.08086(88)	0.92482(43)
(1, 0)	0.95469(40)	0	0	0	0	0.94361(16)	0	0	0	0	0.98840(32)	0	0	0	0
	0	1.04725(23)	0.29326(40)	0	0	0	1.034584(56)	0.20652(25)	0	0	0	0.98994(23)	-0.1142(57)	0	0
	0	0.01873(13)	0.73312(74)	0	0	0	0.022497(35)	0.87416(43)	0	0	0	0.00014(11)	1.1923(14)	0	0
	0	0	0	0.79723(81)	-0.0135(15)	0	0	0	0.90951(41)	-0.02119(30)	0	0	0	1.1390(14)	-0.0051(18)
	0	0	0	-0.2731(56)	1.13042(67)	0	0	0	-0.1883(27)	1.04447(10)	0	0	0	0.08059(81)	0.92492(56)
(1, 1)	0.94385(43)	0	0	0	0	0.94185(17)	0	0	0	0	0.99787(48)	0	0	0	0
	0	1.04032(23)	0.25761(31)	0	0	0	1.028928(58)	0.17462(32)	0	0	0	0.99090(23)	-0.1032(64)	0	0
	0	0.01877(15)	0.78136(86)	0	0	0	0.020855(49)	0.90460(42)	0	0	0	-0.0008(17)	1.1580(15)	0	0
	0	0	0	0.82991(95)	-0.0148(19)	0	0	0	0.92892(40)	-0.02042(46)	0	0	0	1.1182(13)	-0.0034(19)
	0	0	0	-0.2395(56)	1.09034(53)	0	0	0	-0.1612(30)	1.024310(85)	0	0	0	0.07708(86)	0.94048(45)



F1M	Z(2 GeV)					Z(3 GeV)					$\sigma_{npt}(2,3)$				
(0, 0)	0.97565(20)	0	0	0	0	0.952341(63)	0	0	0	0	0.97610(20)	0	0	0	0
	0	1.06534(10)	0.37461(21)	0	0	0	1.047148(18)	0.278053(95)	0	0	0	0.985347(91)	-0.1486(38)	0	0
	0	0.017425(61)	0.61285(45)	0	0	0	0.021630(17)	0.77029(15)	0	0	0	-0.00025(61)	1.25705(96)	0	0
	0	0	0	0.70000(52)	-0.00920(77)	0	0	0	0.82722(16)	-0.01794(17)	0	0	0	1.1787(10)	-0.00574(71)
	0	0	0	-0.3617(24)	1.23496(22)	0	0	0	-0.25552(92)	1.109873(27)	0	0	0	0.09980(45)	0.89945(11)
(0, 1)	0.96632(21)	0	0	0	0	0.951777(63)	0	0	0	0	0.98494(23)	0	0	0	0
	0	1.05160(10)	0.30496(23)	0	0	0	1.035454(21)	0.21053(11)	0	0	0	0.986713(88)	-0.1277(40)	0	0
	0	0.017055(65)	0.70722(48)	0	0	0	0.019765(18)	0.85098(16)	0	0	0	-0.00072(75)	1.20359(83)	0	0
	0	0	0	0.77923(55)	-0.01113(79)	0	0	0	0.89086(17)	-0.01779(19)	0	0	0	1.14165(97)	-0.00438(87)
	0	0	0	-0.2841(25)	1.15574(21)	0	0	0	-0.1918(10)	1.060326(30)	0	0	0	0.08866(32)	0.91829(15)
(1, 0)	0.96631(20)	0	0	0	0	0.951773(74)	0	0	0	0	0.98495(31)	0	0	0	0
	0	1.05160(10)	0.30495(25)	0	0	0	1.035449(15)	0.21051(11)	0	0	0	0.986713(88)	-0.1278(38)	0	0
	0	0.017071(65)	0.70722(54)	0	0	0	0.019767(20)	0.85101(16)	0	0	0	-0.00074(86)	1.20363(92)	0	0
	0	0	0	0.77923(60)	-0.01114(73)	0	0	0	0.89088(17)	-0.01779(21)	0	0	0	1.14168(90)	-0.00438(79)
	0	0	0	-0.2841(27)	1.15581(21)	0	0	0	-0.1918(11)	1.060321(34)	0	0	0	0.08869(43)	0.91823(18)
(1, 1)	0.95300(21)	0	0	0	0	0.947289(75)	0	0	0	0	0.99400(20)	0	0	0	0
	0	1.04437(11)	0.27010(24)	0	0	0	1.029865(18)	0.17921(13)	0	0	0	0.98804(10)	-0.1159(35)	0	0
	0	0.017426(68)	0.75626(54)	0	0	0	0.018876(21)	0.88598(17)	0	0	0	-0.00148(70)	1.17205(73)	0	0
	0	0	0	0.81236(60)	-0.01298(76)	0	0	0	0.91370(17)	-0.01790(22)	0	0	0	1.12382(84)	-0.00298(83)
	0	0	0	-0.2497(27)	1.11124(21)	0	0	0	-0.1648(12)	1.035958(35)	0	0	0	0.08395(29)	0.93322(19)

F1S	Z(2 GeV)					Z(3 GeV)					$\sigma_{npt}(2, 3)$				
(0, 0)	0.97788(17)	0	0	0	0	0.954279(37)	0	0	0	0	0.97586(16)	0	0	0	0
	0	1.06649(12)	0.37804(24)	0	0	0	1.047644(15)	0.280667(44)	0	0	0	0.98476(12)	-0.1508(36)	0	0
	0	0.017236(44)	0.60715(43)	0	0	0	0.0211297(66)	0.763350(71)	0	0	0	-0.00051(52)	1.25757(87)	0	0
	0	0	0	0.69594(47)	-0.00877(73)	0	0	0	0.821682(80)	-0.017221(85)	0	0	0	1.17775(73)	-0.00554(73)
	0	0	0	-0.3658(28)	1.24185(27)	0	0	0	-0.25836(48)	1.115287(29)	0	0	0	0.10123(41)	0.89880(17)
(0, 1)	0.96796(17)	0	0	0	0	0.953116(37)	0	0	0	0	0.98465(15)	0	0	0	0
	0	1.05257(14)	0.30865(25)	0	0	0	1.035877(14)	0.212934(53)	0	0	0	0.98623(14)	-0.1304(47)	0	0
	0	0.016930(47)	0.70138(51)	0	0	0	0.0193980(85)	0.845251(79)	0	0	0	-0.00096(75)	1.20554(73)	0	0
	0	0	0	0.77519(57)	-0.01079(78)	0	0	0	0.886424(87)	-0.017253(94)	0	0	0	1.14191(54)	-0.00424(72)
	0	0	0	-0.2877(28)	1.16117(26)	0	0	0	-0.19403(58)	1.064191(30)	0	0	0	0.09019(37)	0.91731(21)
(1, 0)	0.96794(19)	0	0	0	0	0.953110(39)	0	0	0	0	0.98467(17)	0	0	0	0
	0	1.05256(15)	0.30866(30)	0	0	0	1.035877(14)	0.212953(49)	0	0	0	0.98624(11)	-0.1304(34)	0	0
	0	0.016925(39)	0.70132(51)	0	0	0	0.0194004(80)	0.845237(74)	0	0	0	-0.00095(46)	1.20561(76)	0	0
	0	0	0	0.77515(55)	-0.01079(87)	0	0	0	0.886415(82)	-0.01725(10)	0	0	0	1.1419(10)	-0.00424(89)
	0	0	0	-0.2877(30)	1.16111(26)	0	0	0	-0.19404(55)	1.064181(31)	0	0	0	0.09019(37)	0.91735(22)
(1, 1)	0.95412(18)	0	0	0	0	0.948062(40)	0	0	0	0	0.99364(19)	0	0	0	0
	0	1.04526(15)	0.27402(29)	0	0	0	1.030278(14)	0.181608(53)	0	0	0	0.98762(18)	-0.1186(36)	0	0
	0	0.017340(41)	0.75047(55)	0	0	0	0.0186356(97)	0.881173(79)	0	0	0	-0.00165(53)	1.17476(73)	0	0
	0	0	0	0.80830(62)	-0.01271(90)	0	0	0	0.909911(87)	-0.01753(11)	0	0	0	1.12479(94)	-0.00289(83)
	0	0	0	-0.2532(30)	1.11564(26)	0	0	0	-0.16693(60)	1.038811(35)	0	0	0	0.08546(38)	0.93210(25)

KEKC2a	$Z(2 \text{ GeV})$					$Z(3 \text{ GeV})$					$\sigma_{npt}(2, 3)$				
(0, 0)	0.94540(19)	0	0	0	0	0.942873(75)	0	0	0	0	0.99732(25)	0	0	0	0
	0	1.04101(13)	0.26163(46)	0	0	0	1.029045(23)	0.17690(15)	0	0	0	0.99040(16)	-0.1062(59)	0	0
	0	0.018617(61)	0.77391(72)	0	0	0	0.020520(31)	0.89897(19)	0	0	0	-0.00106(79)	1.1619(10)	0	0
	0	0	0	0.82479(63)	-0.01491(76)	0	0	0	0.92445(19)	-0.01992(32)	0	0	0	1.11996(80)	-0.00294(73)
	0	0	0	-0.2424(37)	1.09429(19)	0	0	0	-0.1629(15)	1.027246(55)	0	0	0	0.07867(44)	0.93980(15)

KEKC2b	$Z(2 \text{ GeV})$					$Z(3 \text{ GeV})$					$\sigma_{npt}(2, 3)$				
(0, 0)	0.94593(19)	0	0	0	0	0.943090(77)	0	0	0	0	0.99699(22)	0	0	0	0
	0	1.04104(14)	0.26194(30)	0	0	0	1.028994(44)	0.17666(16)	0	0	0	0.99030(12)	−0.1071(40)	0	0
	0	0.018348(70)	0.77225(24)	0	0	0	0.020399(21)	0.89873(14)	0	0	0	−0.00092(88)	1.16408(35)	0	0
	0	0	0	0.82324(20)	−0.01449(39)	0	0	0	0.92419(15)	−0.01979(29)	0	0	0	1.12167(16)	−0.00323(50)
	0	0	0	−0.2428(17)	1.09543(28)	0	0	0	−0.1627(16)	1.027407(30)	0	0	0	0.07935(29)	0.93894(18)

KEKM1a	$Z(2 \text{ GeV})$					$Z(3 \text{ GeV})$					$\sigma_{npt}(2, 3)$				
(0, 0)	0.96783(10)	0	0	0	0	0.957643(48)	0	0	0	0	0.98946(12)	0	0	0	0
	0	1.05138(31)	0.30860(44)	0	0	0	1.03430(12)	0.20557(27)	0	0	0	0.98591(33)	-0.1432(69)	0	0
	0	0.01583(13)	0.68904(37)	0	0	0	0.016169(30)	0.83258(29)	0	0	0	-0.0028(19)	1.20958(80)	0	0
	0	0	0	0.76282(28)	-0.0093(20)	0	0	0	0.87279(26)	-0.01367(34)	0	0	0	1.14321(51)	-0.0025(18)
	0	0	0	-0.2870(50)	1.16468(76)	0	0	0	-0.1877(21)	1.06976(16)	0	0	0	0.09969(83)	0.91930(55)

KEKM1b	$Z(2 \text{ GeV})$					$Z(3 \text{ GeV})$					$\sigma_{npt}(2, 3)$				
(0, 0)	0.96746(18)	0	0	0	0	0.957480(58)	0	0	0	0	0.98968(17)	0	0	0	0
	0	1.05155(18)	0.30960(56)	0	0	0	1.034289(81)	0.20646(23)	0	0	0	0.98573(21)	-0.1433(97)	0	0
	0	0.01582(10)	0.6885(14)	0	0	0	0.016250(54)	0.83155(37)	0	0	0	-0.0027(16)	1.2089(24)	0	0
	0	0	0	0.76252(68)	-0.00920(45)	0	0	0	0.87198(36)	-0.01367(51)	0	0	0	1.14252(67)	-0.00271(67)
	0	0	0	-0.2880(45)	1.16583(26)	0	0	0	-0.1883(26)	1.06993(10)	0	0	0	0.09992(55)	0.91852(23)

KEKC1S	$Z(2 \text{ GeV})$					$Z(3 \text{ GeV})$					$\sigma_{npt}(2, 3)$				
(0, 0)	0.94540(34)	0	0	0	0	0.943047(88)	0	0	0	0	0.99751(35)	0	0	0	0
	0	1.04057(20)	0.25884(39)	0	0	0	1.029114(55)	0.17704(18)	0	0	0	0.99082(23)	-0.1021(61)	0	0
	0	0.01864(10)	0.77783(78)	0	0	0	0.020470(34)	0.89859(25)	0	0	0	-0.0010(11)	1.1556(13)	0	0
	0	0	0	0.82791(71)	-0.0148(15)	0	0	0	0.92420(25)	-0.01986(36)	0	0	0	1.1154(11)	-0.0030(20)
	0	0	0	-0.2403(28)	1.09366(48)	0	0	0	-0.1631(17)	1.027635(81)	0	0	0	0.07600(50)	0.94065(36)

KEKc1L	Z(2 GeV)					Z(3 GeV)					$\sigma_{npt}(2,3)$				
(0, 0)	0.946334(86)	0	0	0	0	0.943352(25)	0	0	0	0	0.996849(92)	0	0	0	0
	0	1.040839(52)	0.26124(23)	0	0	0	1.028921(22)	0.176218(67)	0	0	0	0.990434(44)	-0.1066(30)	0	0
	0	0.018395(38)	0.77357(35)	0	0	0	0.020358(11)	0.899093(64)	0	0	0	-0.00098(49)	1.16259(57)	0	0
	0	0	0	0.82463(25)	-0.01450(31)	0	0	0	0.924565(62)	-0.01974(10)	0	0	0	1.12024(29)	-0.00319(31)
	0	0	0	-0.2418(18)	1.09542(11)	0	0	0	-0.16222(69)	1.027400(20)	0	0	0	0.07862(23)	0.93893(10)



KEKF1	$Z(2 \text{ GeV})$					$Z(3 \text{ GeV})$					$\sigma_{npt}(2, 3)$				
(0, 0)	0.98064(20)	0	0	0	0	0.967264(96)	0	0	0	0	0.98635(20)	0	0	0	0
	0	1.05857(21)	0.33630(37)	0	0	0	1.038962(73)	0.22884(20)	0	0	0	0.98374(22)	-0.1578(74)	0	0
	0	0.015225(67)	0.64600(69)	0	0	0	0.014794(21)	0.79153(35)	0	0	0	-0.00367(90)	1.2272(15)	0	0
	0	0	0	0.73134(85)	-0.00653(65)	0	0	0	0.84309(36)	-0.01091(37)	0	0	0	1.1515(14)	-0.00280(71)
	0	0	0	-0.3169(43)	1.20975(31)	0	0	0	-0.2085(25)	1.10021(11)	0	0	0	0.10914(64)	0.91003(25)