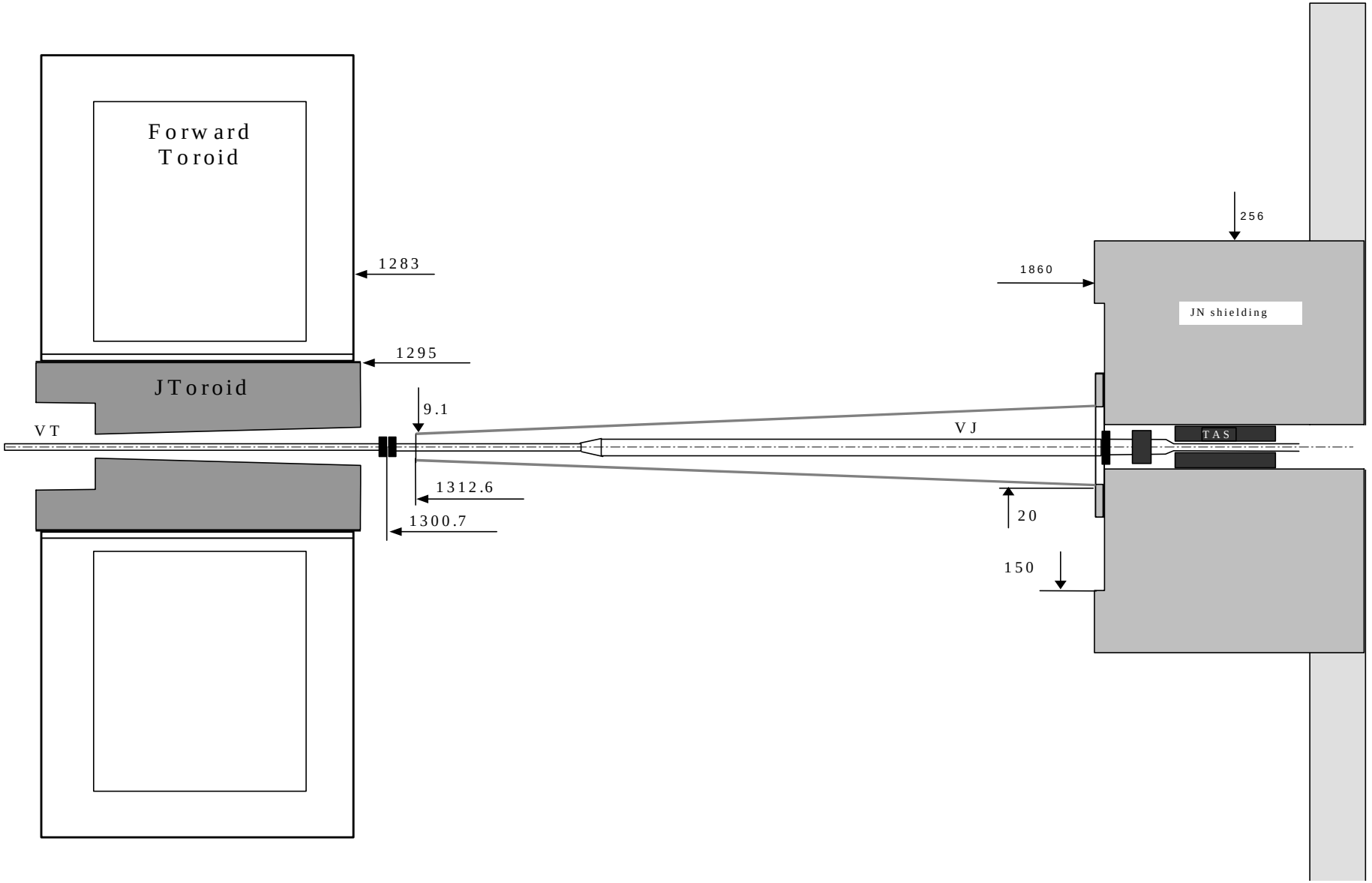

Fig.1. Access scenario to the area between Forward Toroid and Nose with VJ Beam Pipe in place.

Table 1

Equivalent dose rate from Nose, Forward Toroid, VT, and VJ for T= 100 d, t=1d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6																	
6- 10	4	1828.8	1808.4	2112.5	2141.0													
10- 20	10	1718.6	1595.2	1357.6	1132.5	770.2	504.0	372.2	309.7	272.9	293.6	376.8	613.6	1164.9	1937.4	2806.3	3696.4	
20- 30	10		1527.6	901.7	708.7	520.0	357.5	251.8	195.0	176.2	202.6	282.2	499.9	980.8	1573.0	2297.6	3038.0	
30- 40	10		589.2	411.3	406.4	355.9	275.0	200.9	151.8	139.3	165.1	241.7	442.3	802.7	1208.9	1503.6	1641.6	
40- 50	10		328.2	236.2	252.2	245.1	214.8	165.8	128.1	120.4	144.9	223.5	392.3	662.2	794.7	791.8	727.9	
50- 65	15		204.0	149.3	162.4	165.1	156.7	135.8	107.5	103.7	126.0	204.3	335.6	446.4	446.2	389.2	326.8	231.2
65- 85	20		109.7	85.7	98.5	103.0	109.0	102.2	90.1	85.2	107.6	182.9	239.3	259.1	221.1	180.3	139.7	90.4
85- 110	25	43.9	45.2	47.2	58.7	64.4	72.9	75.5	72.9	64.3	101.7	133.7	151.7	141.0	104.4	89.5	60.8	37.9
110- 135	25	31.5	32.2	33.9	40.9	45.3	51.0	56.0	52.7	56.1	89.6	89.2	97.9	78.9	57.4	50.0	29.7	20.4
135- 165	30	25.2	26.2	27.6	31.6	36.0	37.4	43.1	43.1	52.5	56.2	74.2	62.1	41.2	39.2	29.5	17.1	
165- 195	30	18.1	20.8	22.6	25.4	29.8	29.5	35.1	36.0	41.0	42.7	43.5	43.5	23.4	28.0	17.2	10.7	
195- 225	30	10.6	14.7	17.6	20.4	24.7	25.4	29.0	27.3	25.1	41.0	30.0	29.8	18.3	19.8	10.6	7.3	

Table 1 (Continuation)

Equivalent dose rate from Nose, Forward Toroid, VT, and VJ for T= 100 d, t= 3 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6																	
6- 10	4	1345.3	1362.1	1617.6	1680.6													
10- 20	10	1254.7	1157.7	1001.1	840.9	556.9	351.3	255.4	217.4	193.3	213.4	281.4	471.7	914.1	1536.2	2277.0	2992.1	
20- 30	10		1060.8	640.8	504.9	367.4	248.8	175.5	139.0	127.0	149.3	211.6	383.9	755.9	1238.3	1822.9	2329.4	
30- 40	10		353.0	268.1	274.0	245.1	188.6	139.4	108.1	101.2	122.2	182.1	337.3	620.5	941.1	1191.0	1286.5	
40- 50	10		163.1	141.6	159.3	162.1	146.2	114.6	91.2	87.6	107.4	168.6	301.8	516.5	629.8	633.1	587.4	
50- 65	15		96.1	85.6	98.9	106.6	104.7	93.6	76.3	75.8	93.6	154.8	260.6	353.3	357.2	310.4	260.2	187.0
65- 85	20		55.0	51.6	61.5	66.6	72.8	69.8	63.9	62.1	80.6	141.1	187.5	205.8	176.2	144.1	111.7	71.7
85- 110	25	31.7	31.3	33.1	40.5	43.5	49.4	52.1	51.8	46.4	77.5	103.2	119.4	112.2	82.6	70.5	47.5	29.2
110- 135	25	23.5	24.0	24.9	29.1	32.1	35.5	39.0	37.2	41.0	68.3	69.9	77.2	62.1	44.9	38.9	22.6	15.1
135- 165	30	19.0	19.8	20.6	22.9	25.8	26.9	30.4	30.6	38.9	42.4	58.1	48.7	32.1	30.5	22.5	12.6	
165- 195	30	13.5	15.6	17.0	18.6	21.7	21.6	25.2	25.9	30.5	32.7	33.6	34.1	17.9	21.6	12.9	7.8	
195- 225	30	7.8	10.9	13.2	15.2	18.2	18.7	21.0	19.9	18.4	31.5	22.7	23.0	13.8	15.1	7.8	5.2	

Table 1 (Continuation)

Equivalent dose rate from Nose, Forward Toroid, VT, and VJ for T= 100d, t= 5 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6																	
6- 10	4	1168.6	1162.6	1393.9	1447.8													
10- 20	10	1070.3	992.6	862.0	723.7	478.3	300.2	217.1	185.1	164.8	182.6	242.9	404.8	786.6	1325.0	1941.8	2551.6	
20- 30	10		918.6	550.1	432.9	315.5	212.7	150.0	118.8	108.7	128.3	182.2	329.6	650.2	1061.9	1553.8	2008.7	
30- 40	10		302.0	228.5	237.2	209.7	162.6	119.1	92.5	86.8	105.2	156.6	291.1	536.1	814.0	1020.4	1104.9	
40- 50	10		137.0	120.5	136.2	138.5	125.3	98.0	78.0	75.2	92.4	144.3	260.6	447.6	544.7	543.1	500.3	
50- 65	15		79.7	72.2	83.9	90.9	89.8	80.0	65.4	65.0	80.6	133.5	225.3	305.7	307.7	268.3	222.2	160.2
65- 85	20		45.6	43.3	52.1	56.7	62.3	59.8	54.7	53.2	69.3	122.1	161.3	177.4	152.0	122.6	96.4	62.5
85- 110	25	27.2	26.9	28.5	34.6	37.2	42.4	44.4	44.5	39.9	66.7	89.2	102.8	96.7	71.2	60.5	41.2	25.4
110- 135	25	20.2	20.6	21.6	25.1	27.4	30.3	33.4	32.0	35.3	59.0	60.0	66.3	53.6	38.6	33.4	19.4	12.8
135- 165	30	16.3	17.0	17.7	19.7	22.3	22.9	26.1	26.3	33.5	36.7	49.8	41.9	27.7	26.0	19.4	10.9	
165- 195	30	11.6	13.4	14.7	16.2	18.7	18.5	21.6	22.2	26.2	28.1	29.0	29.3	15.4	18.4	11.1	6.6	
195- 225	30	6.8	9.5	11.4	13.1	15.5	16.2	18.2	17.1	15.8	26.9	19.6	19.8	11.9	13.0	6.7	4.5	

Table 1 (Continuation)

Equivalent dose rate from Nose, Forward Toroid, VT, and VJ for T= 100d, t= 30 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6																	
6- 10	4	541.2	529.3	599.3	608.1													
10- 20	10	513.3	468.4	394.8	325.3	215.1	135.5	96.3	80.3	71.4	79.4	105.8	173.0	330.4	553.0	822.3	1092.8	
20- 30	10		451.9	263.1	201.8	144.9	96.9	66.9	51.6	47.1	56.0	79.6	140.2	274.1	445.8	654.1	856.1	
30- 40	10		153.8	109.9	111.2	97.7	74.9	54.0	40.8	37.8	46.1	68.3	124.2	228.5	352.4	429.1	433.4	
40- 50	10		70.9	58.2	65.0	65.2	58.1	44.6	34.7	32.9	40.7	62.0	111.5	195.6	229.6	216.5	191.0	
50- 65	15		41.4	34.7	39.9	42.6	41.6	36.5	29.2	28.4	35.1	56.6	98.7	128.7	124.9	106.2	87.7	65.0
65- 85	20		22.7	20.2	24.3	26.2	28.6	27.3	24.5	23.5	29.5	53.6	69.6	73.0	62.2	49.5	39.5	27.3
85- 110	25	12.1	11.9	12.4	15.5	16.8	19.3	20.1	20.1	17.5	28.9	39.4	42.8	39.9	29.3	24.5	17.2	11.4
110- 135	25	8.7	8.9	9.3	11.1	12.3	13.6	15.1	14.3	15.0	26.4	24.7	27.5	22.4	15.6	13.6	8.4	5.8
135- 165	30	7.1	7.4	7.8	8.7	9.9	10.2	11.8	11.7	14.8	15.9	20.9	17.3	11.5	10.4	8.0	4.7	
165- 195	30	4.9	5.7	6.3	6.9	8.2	8.2	9.7	10.0	11.3	11.8	11.9	12.1	6.3	7.4	4.7	2.9	
195- 225	30	2.7	4.0	4.9	5.7	7.0	7.0	8.0	7.6	7.0	11.4	8.1	8.3	4.7	5.2	2.8	2.0	

Table 1 (Continuation)

Equivalent dose rate from Nose, Forward Toroid, VT, and VJ for T= 100d, t= 100 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6																	
6- 10	4	251.5	249.9	282.2	283.9													
10- 20	10	239.8	219.4	185.8	153.5	104.2	67.8	49.6	41.4	37.3	41.4	55.3	90.2	171.8	288.6	431.1	578.5	
20- 30	10		214.7	123.7	96.7	70.5	48.0	33.6	26.3	24.4	29.1	41.4	73.0	142.3	233.7	340.9	448.9	
30- 40	10		78.8	55.1	54.9	47.9	37.0	26.8	20.6	19.4	23.8	35.2	64.4	118.3	182.5	222.5	224.1	
40- 50	10		39.6	30.4	33.1	32.5	29.0	22.2	17.6	16.9	21.0	32.0	57.6	101.7	117.7	110.7	96.4	
50- 65	15		23.6	18.6	20.8	21.6	20.9	18.3	14.7	14.6	18.0	29.3	51.1	66.5	64.3	53.9	44.2	32.2
65- 85	20		12.9	10.8	12.7	13.5	14.7	13.7	12.4	12.2	15.1	27.7	35.7	37.6	31.9	25.0	19.7	13.0
85- 110	25	6.3	6.2	6.4	8.0	8.7	9.9	10.2	10.1	9.1	14.8	20.1	21.9	20.6	14.9	12.3	8.7	5.7
110- 135	25	4.4	4.4	4.7	5.6	6.2	6.9	7.7	7.3	7.6	13.5	12.9	14.3	11.4	7.9	6.9	4.1	2.9
135- 165	30	3.7	3.8	3.9	4.5	5.0	5.2	5.9	5.9	7.6	8.3	10.9	8.9	5.8	5.3	4.0	2.4	
165- 195	30	2.4	2.8	3.4	3.6	4.3	4.2	4.9	5.1	5.8	6.0	6.2	6.3	3.2	3.8	2.4	1.5	
195- 225	30	1.4	2.0	2.4	3.0	3.5	3.6	4.1	4.0	3.6	5.9	4.1	4.3	2.4	2.5	1.3	0.9	

Table 1 (Continuation)

Equivalent dose rate from Nose, Forward Toroid, VT, and VJ for T= 10 y, t= 1 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6																	
6- 10	4	2068.2	2023.0	2338.0	2372.1													
10- 20	10	1928.9	1766.2	1503.1	1260.8	872.9	582.8	442.3	371.9	329.3	354.0	453.3	729.0	1378.6	2300.3	3410.1	4434.2	
20- 30	10		1698.8	1004.1	792.7	586.0	408.1	292.4	230.1	208.7	242.1	336.3	592.3	1151.4	1876.9	2721.8	3553.9	
30- 40	10		656.2	460.6	456.2	402.2	312.6	231.8	178.0	164.3	196.2	287.7	521.4	945.0	1432.4	1746.7	1888.9	
40- 50	10		365.0	265.9	284.0	275.9	243.5	190.6	149.5	141.7	171.7	261.6	462.9	781.1	935.7	926.9	836.8	
50- 65	15		228.4	169.0	183.4	186.8	178.3	155.9	125.3	122.0	148.3	240.5	394.4	527.5	527.1	453.8	374.4	269.9
65- 85	20		123.5	97.8	111.9	117.4	124.5	117.2	104.7	100.1	125.9	216.2	281.4	306.7	261.8	209.3	163.5	106.0
85- 110	25	53.1	52.8	55.0	68.0	74.0	83.7	86.8	84.9	75.2	119.8	156.5	179.1	167.2	122.7	104.3	71.4	45.1
110- 135	25	36.8	37.8	39.9	47.5	52.6	58.7	64.7	61.4	65.2	105.3	105.3	115.9	93.7	67.3	58.5	35.0	24.4
135- 165	30	29.6	30.9	32.5	36.8	41.8	43.4	50.0	50.1	61.2	65.7	88.1	73.6	49.0	45.9	34.7	20.5	
165- 195	30	21.2	24.3	26.6	29.6	34.6	34.5	40.8	41.9	48.1	50.5	51.4	51.7	27.6	32.6	20.3	12.9	
195- 225	30	12.4	17.1	20.8	23.8	29.0	29.6	33.8	31.9	29.3	48.5	35.2	35.6	21.5	23.3	12.7	9.1	

Table 1 (Continuation)

Equivalent dose rate from Nose, Forward Toroid, VT, and VJ for T= 10 y, t= 3 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6																	
6- 10	4	1550.6	1533.0	1839.8	1909.0													
10- 20	10	1427.2	1327.4	1153.2	969.8	657.5	430.0	323.8	278.0	249.0	272.9	356.6	585.2	1124.9	1898.5	2807.9	3723.2	
20- 30	10		1247.9	743.7	588.4	433.9	298.9	215.6	173.5	160.2	188.5	265.8	475.2	932.6	1508.5	2213.4	2882.5	
30- 40	10		418.5	315.9	323.4	288.1	226.9	169.9	134.0	126.3	153.0	226.7	416.5	763.5	1156.7	1448.1	1526.3	
40- 50	10		201.2	170.0	191.0	193.7	175.3	139.1	112.4	109.1	133.9	207.8	371.2	635.3	773.3	768.1	689.4	
50- 65	15		120.4	104.3	119.9	128.3	126.3	113.6	93.9	93.9	115.9	191.2	320.2	433.3	436.2	376.0	309.2	221.4
65- 85	20		68.8	62.9	74.8	80.8	88.1	85.1	78.3	76.7	98.8	174.7	229.6	253.4	215.8	172.7	135.6	87.2
85- 110	25	40.1	39.5	40.9	49.0	53.2	60.2	63.4	63.6	57.2	95.6	125.8	147.5	138.5	100.7	85.3	58.2	36.4
110- 135	25	28.8	29.3	30.9	36.0	39.1	43.4	47.6	45.5	50.2	84.2	85.8	95.0	77.1	54.6	47.4	28.0	19.0
135- 165	30	23.3	24.2	25.3	28.3	31.7	32.7	37.3	37.6	46.5	52.0	71.9	60.0	39.7	37.1	27.6	15.9	
165- 195	30	16.6	19.0	20.8	22.9	26.5	26.5	30.9	31.8	36.3	40.2	41.4	42.3	22.2	26.4	16.2	10.0	
195- 225	30	9.9	13.7	16.3	18.8	22.2	22.9	25.8	24.8	23.3	38.9	28.2	28.7	17.1	18.8	9.9	6.8	

Table 1 (Continuation)

Equivalent dose rate from Nose, Forward Toroid, VT, and VJ for T= 10 y, t= 5 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6																	
6- 10	4	1349.6	1366.9	1614.5	1676.4													
10- 20	10	1285.7	1171.0	1010.8	850.6	576.9	377.3	284.7	246.1	220.6	241.7	316.3	519.6	996.0	1672.1	2496.5	3290.8	
20- 30	10		1100.8	651.6	516.2	381.0	262.6	189.9	153.4	141.6	166.9	236.0	419.9	824.0	1333.5	1928.4	2555.2	
30- 40	10		367.7	278.0	283.5	253.7	198.8	149.7	118.3	111.8	135.6	200.2	368.0	676.5	1026.4	1282.2	1384.2	
40- 50	10		173.8	149.0	166.5	169.6	154.1	122.7	99.3	96.4	118.7	182.7	328.8	565.6	682.9	675.7	605.4	
50- 65	15		103.6	91.4	104.4	112.4	110.8	99.7	82.9	83.1	102.6	169.0	284.9	384.1	385.4	329.9	273.6	194.3
65- 85	20		59.6	55.2	65.3	70.8	77.5	74.7	69.2	68.0	87.3	155.5	203.2	224.0	190.6	151.7	119.3	77.3
85- 110	25	35.9	34.5	36.0	43.4	46.5	53.1	55.6	55.9	50.4	84.7	111.9	130.5	122.2	89.0	75.2	51.7	32.5
110- 135	25	25.6	26.0	27.1	31.6	34.6	38.3	42.0	40.4	44.2	74.9	75.9	84.1	68.1	48.1	41.7	24.9	17.1
135- 165	30	20.7	21.5	22.3	24.7	27.8	28.6	32.4	32.2	41.4	45.9	63.8	53.0	35.3	32.6	24.5	14.1	
165- 195	30	14.6	16.6	17.9	19.5	22.4	22.2	25.9	28.5	33.2	35.6	36.8	37.3	19.6	23.1	14.1	8.7	
195- 225	30	8.6	11.5	13.6	15.4	18.4	18.9	22.1	21.3	19.9	34.3	24.9	25.3	15.0	16.2	8.6	6.1	

Table 1 (Continuation)

Equivalent dose rate from Nose, Forward Toroid, VT, and VJ for T= 10 y, t=30 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6																	
6- 10	4	720.0	704.1	799.3	816.4													
10- 20	10	678.5	622.6	529.0	440.1	307.0	208.8	161.3	138.1	124.5	135.5	176.4	281.1	530.7	888.6	1340.6	1801.4	
20- 30	10		603.2	351.3	275.9	204.3	143.5	104.4	84.2	78.4	92.8	130.3	225.7	437.7	715.9	1043.3	1364.3	
30- 40	10		213.5	155.1	155.4	138.2	109.4	82.2	65.0	61.5	75.1	109.0	198.0	361.9	552.5	674.6	681.0	
40- 50	10		106.0	84.3	93.1	93.8	85.0	67.6	54.5	52.8	65.4	98.5	176.3	308.5	359.4	340.3	287.5	
50- 65	15		64.0	52.2	59.2	62.5	61.4	54.9	45.5	45.3	55.8	90.2	154.9	203.1	199.6	166.0	135.2	97.1
65- 85	20		35.5	31.1	36.6	39.3	43.0	41.2	37.9	37.3	46.6	85.3	109.3	117.2	99.2	77.0	61.1	41.2
85- 110	25	20.1	19.2	19.6	23.7	25.7	29.4	30.7	30.8	27.6	45.9	60.8	68.9	64.5	46.2	38.3	26.9	18.1
110- 135	25	13.7	14.0	14.7	17.2	18.8	20.9	23.2	22.3	23.6	41.5	39.8	44.2	36.3	24.8	21.4	13.5	9.7
135- 165	30	11.1	11.7	12.1	13.4	15.2	15.7	18.0	18.3	22.1	24.8	34.1	28.0	18.7	16.5	12.8	7.8	
165- 195	30	7.9	9.1	10.1	11.1	12.6	12.7	14.8	15.4	16.9	18.8	19.4	19.8	10.3	11.8	7.6	4.9	
195- 225	30	4.5	6.4	7.8	9.0	10.7	10.9	12.4	12.0	11.4	18.3	12.9	13.7	7.7	8.4	4.7	3.5	

Table 1 (Continuation)

Equivalent dose rate from Nose, Forward Toroid, VT, and VJ for T= 10 y, t= 100 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6																	
6- 10	4	393.2	384.1	434.6	447.9													
10- 20	10	372.2	341.4	290.5	244.4	180.5	130.3	106.5	93.0	84.2	91.0	116.8	183.2	343.9	578.2	878.8	1196.6	
20- 30	10		334.4	194.2	155.0	118.4	86.8	65.8	54.9	51.7	61.1	85.4	146.9	283.0	461.6	675.2	879.3	
30- 40	10		128.0	90.0	90.2	80.8	65.6	51.1	41.7	39.9	48.9	70.5	127.7	233.4	354.9	434.4	431.9	
40- 50	10		67.8	52.2	56.3	55.8	51.1	41.8	34.8	34.0	42.3	63.2	113.5	196.3	231.6	217.9	182.3	
50- 65	15		42.2	33.2	36.5	38.1	37.2	33.9	28.9	29.0	35.8	58.0	99.4	130.6	129.0	105.0	83.1	59.1
65- 85	20		23.8	19.9	23.1	24.4	26.3	25.7	24.0	23.9	29.8	55.0	69.7	76.0	63.8	48.1	37.6	25.1
85- 110	25	13.4	12.5	12.5	15.0	16.0	18.1	19.2	19.4	17.7	29.5	38.5	44.7	41.8	29.6	24.0	17.0	11.5
110- 135	25	8.8	9.0	9.3	10.9	11.9	13.1	14.6	14.0	14.9	26.6	25.9	28.6	23.6	15.5	13.6	8.7	6.3
135- 165	30	7.1	7.4	7.7	8.6	9.5	10.0	11.4	11.6	13.9	15.9	22.5	18.1	12.2	10.6	8.2	5.1	
165- 195	30	5.1	5.8	6.5	7.0	8.1	8.0	9.4	9.7	10.6	12.4	12.6	13.0	6.6	7.6	5.0	3.4	
195- 225	30	2.9	4.2	5.0	5.8	6.7	6.9	7.8	7.6	7.3	12.7	8.6	9.1	5.1	5.5	3.2	2.5	

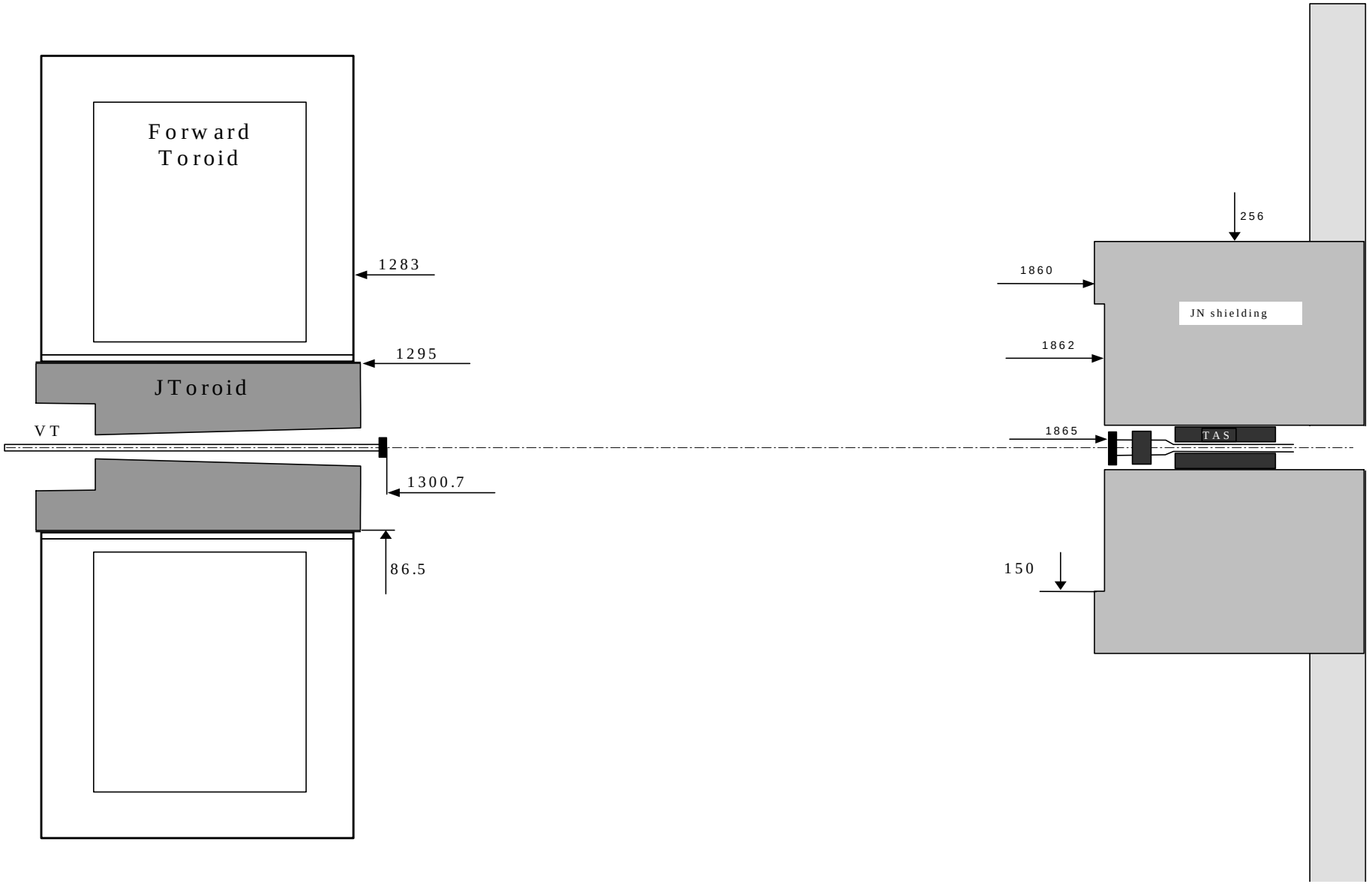

Fig.2. Access scenario to the area between Forward Toroid and Nose -- VJ Beam Pipe removed.

Table 2

Equivalent dose rate from Nose, Forward Toroid, and VT for T= 100 d, t=1d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6				657.8	447.5	256.4	130.4	74.3	74.5	130.7	255.9	528.8	1210.5	2145.1	3281.2	4461.9	5680.5
6- 10	4	1584.6	1415.3	1074.8	675.3	439.2	245.4	125.8	73.0	73.4	124.3	241.3	491.7	1087.9	1932.4	2914.0	3794.7	4644.7
10- 20	10	1536.9	1351.1	960.9	676.7	414.8	230.0	118.0	66.3	66.9	112.4	211.9	444.9	974.3	1717.4	2552.6	3400.5	4124.8
20- 30	10		1390.4	730.6	519.5	338.6	203.5	111.9	62.4	62.3	100.5	186.0	399.5	867.2	1446.1	2161.8	2899.2	3462.0
30- 40	10		501.5	310.7	297.2	243.9	171.5	104.8	61.4	61.1	95.2	176.1	374.9	729.4	1131.5	1425.5	1565.7	1574.3
40- 50	10		265.3	166.6	177.7	166.8	138.5	93.1	59.6	60.5	91.4	173.1	341.2	608.3	739.8	737.9	676.0	548.2
50- 65	15		159.1	100.8	111.1	110.6	101.3	81.5	55.9	58.0	85.0	165.6	297.0	407.0	407.3	351.7	290.7	196.0
65- 85	20		78.5	52.6	63.8	66.1	70.5	63.3	52.5	51.3	77.1	154.2	211.1	231.4	194.4	154.6	115.0	66.2
85- 110	25	22.7	23.5	24.5	35.0	39.3	46.3	48.0	45.8	39.3	79.1	112.5	131.3	121.5	85.8	71.7	43.6	21.0
110- 135	25	16.0	16.3	17.5	24.0	27.4	32.0	36.1	32.6	37.2	72.3	73.1	82.7	64.6	43.9	37.0	17.1	7.9
135- 165	30	13.4	14.2	15.2	18.9	22.6	23.3	28.2	27.8	37.9	42.7	61.7	50.4	30.4	28.9	19.6	7.4	
165- 195	30	8.9	11.4	13.0	15.6	19.6	18.8	23.8	24.2	29.6	32.1	33.7	34.4	14.9	19.9	9.4	3.1	
195- 225	30	3.2	7.2	10.0	12.6	16.6	16.8	20.0	17.9	15.8	32.4	22.0	22.4	11.4	13.2	4.2	1.1	

Table 2 (Continuation)

Equivalent dose rate from Nose, Forward Toroid, and VT for T= 100 d, t= 3 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6				470.2	310.8	174.0	86.4	51.9	55.3	101.3	202.1	423.6	963.4	1711.4	2615.9	3548.1	4498.2
6- 10	4	1146.9	1041.2	763.3	477.3	302.3	163.7	83.5	51.0	54.5	96.7	188.7	391.5	876.3	1544.8	2321.3	3069.7	3713.6
10- 20	10	1108.2	960.0	678.2	472.9	284.6	153.1	78.0	46.0	49.3	86.8	165.6	351.8	775.3	1373.0	2084.6	2763.7	3328.6
20- 30	10		951.1	503.9	354.6	227.4	134.4	74.1	43.3	45.8	77.3	144.4	313.7	675.8	1147.8	1724.6	2228.1	2699.6
30- 40	10		283.7	188.8	188.4	159.0	111.4	69.2	42.6	45.0	72.5	135.4	289.1	567.4	884.2	1132.9	1229.5	1256.7
40- 50	10		113.9	87.3	101.4	102.1	89.0	61.3	41.4	44.5	69.1	132.6	265.0	477.2	589.2	593.0	548.4	439.5
50- 65	15		61.3	48.1	59.3	64.9	63.2	53.6	38.8	42.8	64.2	127.1	232.7	324.5	328.5	282.5	233.2	160.7
65- 85	20		31.1	26.3	35.0	38.6	43.9	41.1	36.5	37.5	58.6	120.3	167.0	185.4	156.5	125.1	93.4	53.7
85- 110	25	15.5	14.7	15.8	22.6	24.6	29.6	31.7	32.0	28.3	61.1	87.8	104.6	98.0	68.9	57.3	34.8	16.7
110- 135	25	11.8	12.0	12.5	16.3	18.7	21.4	24.3	22.5	27.3	55.8	58.2	66.1	51.7	35.0	29.3	13.3	5.9
135- 165	30	10.1	10.8	11.3	13.4	15.9	16.3	19.4	19.4	28.2	32.6	49.0	40.2	24.1	22.9	15.2	5.5	
165- 195	30	6.6	8.6	9.8	11.3	14.1	13.6	16.8	17.3	22.1	25.0	26.4	27.4	11.7	15.6	7.1	2.2	
195- 225	30	2.3	5.3	7.5	9.3	12.1	12.3	14.3	13.0	11.7	25.2	16.9	17.6	8.7	10.3	3.1	0.6	

Table 2 (Continuation)

Equivalent dose rate from Nose, Forward Toroid, and VT for T= 100d, t= 5 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6				402.7	266.2	149.2	74.1	44.2	47.3	87.4	175.0	366.4	833.7	1479.3	2288.8	3110.3	3877.7
6- 10	4	997.1	885.4	656.4	409.3	257.4	140.0	70.3	43.8	46.8	83.6	163.0	337.1	754.3	1335.8	2010.1	2659.1	3198.2
10- 20	10	944.0	822.1	583.7	406.5	244.8	131.2	66.5	39.5	42.5	75.1	144.3	302.4	667.6	1184.4	1775.5	2353.3	2908.1
20- 30	10		824.1	432.1	303.5	195.3	115.0	63.5	37.3	39.5	67.0	125.0	269.7	581.8	984.3	1469.3	1921.4	2338.3
30- 40	10		242.4	160.3	163.6	135.8	96.5	59.3	36.7	38.9	62.8	116.8	249.9	490.6	765.1	970.2	1055.6	1086.7
40- 50	10		94.7	73.8	86.5	87.1	76.3	52.4	35.6	38.4	59.8	113.6	229.1	413.9	509.9	508.5	466.7	376.9
50- 65	15		49.8	40.1	49.9	55.2	54.2	45.9	33.4	36.9	55.5	109.8	201.4	281.0	282.9	244.3	199.0	137.4
65- 85	20		25.1	21.6	29.4	32.8	37.5	35.2	31.3	32.3	50.5	104.4	143.8	160.0	135.0	106.3	80.6	47.0
85- 110	25	13.4	12.7	13.6	19.2	21.0	25.4	27.0	27.5	24.5	52.7	76.1	90.0	84.4	59.4	49.2	30.2	14.6
110- 135	25	10.1	10.3	10.9	14.1	15.9	18.2	20.8	19.4	23.6	48.3	50.0	56.8	44.6	30.0	25.1	11.4	5.0
135- 165	30	8.7	9.3	9.7	11.5	13.8	13.9	16.6	16.7	24.4	28.3	42.1	34.6	20.8	19.5	13.1	4.7	
165- 195	30	5.7	7.4	8.5	9.9	12.2	11.7	14.4	14.8	19.0	21.5	22.9	23.5	10.0	13.3	6.2	1.8	
195- 225	30	2.1	4.7	6.5	8.1	10.4	10.7	12.5	11.2	10.0	21.6	14.6	15.1	7.5	8.8	2.7	0.5	

Table 2 (Continuation)

Equivalent dose rate from Nose, Forward Toroid, and VT for T= 100d, t= 30 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6				194.5	132.1	74.7	37.2	20.9	21.1	39.0	77.7	160.9	360.0	652.5	1018.7	1417.2	1735.2
6- 10	4	473.9	420.8	311.3	201.9	127.7	70.2	35.3	20.0	20.9	37.2	72.4	147.3	320.7	564.0	860.7	1143.8	1421.6
10- 20	10	463.5	401.4	285.5	200.3	120.9	65.3	32.8	18.9	19.4	33.5	63.2	128.2	277.9	490.5	747.5	1002.5	1243.3
20- 30	10		414.6	216.4	150.5	96.6	56.9	31.2	17.7	18.0	29.9	54.8	113.8	243.4	410.5	615.3	815.8	985.7
30- 40	10		130.1	82.7	81.9	67.9	47.9	29.3	17.6	17.8	28.2	51.1	106.1	208.2	330.5	406.5	411.1	389.5
40- 50	10		54.0	39.5	45.1	44.4	38.1	25.9	17.0	17.5	26.9	48.8	97.7	180.7	214.1	201.0	175.9	137.3
50- 65	15		29.3	21.7	26.2	28.2	27.1	22.4	15.9	16.7	24.5	46.5	88.3	117.8	113.9	95.5	77.4	54.9
65- 85	20		14.4	11.4	15.1	16.5	18.6	17.2	14.8	14.7	21.6	46.0	61.9	65.4	54.7	42.3	32.5	20.4
85- 110	25	6.5	6.1	6.4	9.2	10.2	12.4	13.0	13.0	11.1	23.0	33.8	37.3	34.5	24.1	19.5	12.4	6.6
110- 135	25	4.6	4.7	5.0	6.6	7.6	8.7	9.9	9.1	10.1	21.9	20.5	23.4	18.5	11.9	10.0	4.9	2.4
135- 165	30	3.9	4.2	4.5	5.3	6.4	6.5	7.9	7.8	11.0	12.4	17.6	14.1	8.5	7.6	5.2	2.0	
165- 195	30	2.5	3.3	3.8	4.4	5.6	5.4	6.7	6.9	8.3	9.0	9.3	9.6	4.0	5.2	2.5	0.8	
195- 225	30	0.8	2.0	2.9	3.7	4.9	4.8	5.7	5.2	4.6	9.1	6.0	6.3	2.9	3.4	1.1	0.3	

Table 2 (Continuation)

Equivalent dose rate from Nose, Forward Toroid, and VT for T= 100d, t= 100 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6				92.0	63.1	36.2	18.2	10.3	10.9	19.7	39.8	82.4	185.5	336.9	526.3	726.7	916.1
6- 10	4	220.1	199.3	148.8	95.3	61.7	34.3	17.2	9.9	10.9	18.8	36.9	75.2	165.1	293.5	447.6	597.3	738.2
10- 20	10	216.4	188.0	134.7	94.9	58.1	31.9	16.3	9.3	9.8	17.0	32.4	65.9	143.3	254.7	390.5	529.6	653.6
20- 30	10		197.0	101.6	72.3	47.0	27.9	15.5	8.9	9.2	15.3	28.0	58.5	125.1	214.0	319.3	426.4	511.3
30- 40	10		67.5	42.1	40.8	33.5	23.6	14.4	8.8	9.0	14.4	26.0	54.6	107.2	170.6	210.2	212.0	195.2
40- 50	10		31.5	21.4	23.5	22.4	19.0	12.8	8.6	8.9	13.8	25.0	50.2	93.6	109.2	102.3	88.2	69.0
50- 65	15		17.8	12.4	14.1	14.5	13.8	11.3	7.9	8.6	12.5	23.9	45.5	60.6	58.4	48.2	38.6	26.7
65- 85	20		8.9	6.5	8.2	8.8	9.6	8.6	7.5	7.7	10.9	23.7	31.7	33.5	27.9	21.1	15.9	9.3
85- 110	25	3.5	3.3	3.4	4.9	5.4	6.4	6.6	6.5	5.7	11.7	17.1	19.0	17.7	12.1	9.6	6.1	3.1
110- 135	25	2.4	2.4	2.6	3.4	3.9	4.5	5.1	4.6	5.1	11.2	10.6	12.1	9.4	6.0	5.0	2.3	1.1
135- 165	30	2.1	2.2	2.3	2.8	3.3	3.4	4.0	3.9	5.6	6.4	9.2	7.3	4.3	3.8	2.6	1.0	
165- 195	30	1.2	1.6	2.1	2.3	2.9	2.8	3.4	3.5	4.3	4.6	4.8	5.0	2.0	2.6	1.2	0.4	
195- 225	30	0.4	1.0	1.4	1.9	2.4	2.5	2.9	2.7	2.4	4.7	3.0	3.3	1.5	1.6	0.4	0.0	

Table 2 (Continuation)

Equivalent dose rate from Nose, Forward Toroid, and VT for T= 10 y, t= 1 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6				730.4	498.2	286.1	147.4	83.5	85.2	151.3	296.6	616.2	1393.9	2516.3	3895.6	5318.9	6731.5
6- 10	4	1795.4	1585.9	1189.8	748.2	486.1	273.3	141.1	82.2	83.5	143.9	278.1	570.5	1291.9	2270.6	3469.9	4556.9	5621.2
10- 20	10	1725.2	1493.2	1060.6	750.4	461.0	254.3	131.6	74.8	75.8	129.4	245.8	514.6	1135.9	2020.5	3087.8	4058.2	4957.2
20- 30	10		1543.9	810.8	578.2	376.9	226.0	124.8	70.3	70.1	115.9	215.2	463.8	1004.7	1712.8	2546.1	3374.0	4099.1
30- 40	10		556.5	346.1	331.3	272.8	191.0	117.3	69.4	69.3	110.4	205.6	436.0	851.6	1333.5	1647.1	1792.2	1794.9
40- 50	10		293.1	186.2	198.4	185.2	153.9	104.1	67.3	69.1	106.0	198.8	398.3	712.7	865.9	858.5	771.0	616.0
50- 65	15		176.7	113.1	124.0	123.4	113.3	91.4	63.4	66.6	98.0	192.4	345.8	477.8	477.9	406.3	328.8	225.3
65- 85	20		87.4	59.4	71.6	74.3	79.2	71.1	59.6	59.0	88.5	180.5	246.0	271.8	228.1	177.0	132.4	75.5
85- 110	25	28.4	27.5	28.4	40.4	44.6	52.5	54.2	52.4	45.0	92.0	130.2	153.6	142.8	99.4	82.0	49.9	23.9
110- 135	25	18.6	19.2	20.6	27.6	31.5	36.3	41.1	37.3	42.4	84.2	85.4	97.0	75.9	50.4	42.3	19.2	8.9
135- 165	30	15.7	16.7	17.9	21.8	26.1	26.7	32.3	31.8	43.5	49.2	72.7	59.1	35.5	33.0	22.3	8.4	
165- 195	30	10.3	13.3	15.3	18.0	22.6	21.7	27.3	27.7	34.2	37.5	39.3	40.4	17.1	22.6	10.6	3.4	
195- 225	30	3.6	8.2	11.7	14.6	19.3	19.5	23.1	20.6	18.1	37.9	25.4	26.4	13.0	15.1	4.8	1.3	

Table 2 (Continuation)

Equivalent dose rate from Nose, Forward Toroid, and VT for T= 10 y, t= 3 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6				542.3	360.0	203.4	102.4	62.7	65.4	121.0	243.8	509.6	1161.6	2090.1	3251.7	4416.9	5595.2
6- 10	4	1324.5	1169.5	878.3	552.5	349.6	191.9	97.5	60.1	64.6	115.2	226.0	469.3	1045.2	1866.7	2854.4	3787.7	4662.0
10- 20	10	1259.5	1101.7	786.2	548.8	330.7	179.3	92.0	54.6	59.1	104.2	199.6	420.6	934.9	1676.2	2547.6	3415.3	4170.9
20- 30	10		1121.2	585.6	413.8	267.0	157.6	87.4	51.5	55.0	93.2	174.2	377.5	820.1	1381.2	2075.6	2740.6	3327.0
30- 40	10		337.6	223.0	222.7	185.1	132.0	81.9	50.9	54.0	87.7	164.1	350.7	690.7	1078.7	1368.7	1448.8	1445.2
40- 50	10		143.2	105.9	122.3	121.7	105.2	72.5	49.3	53.6	83.8	159.6	321.3	581.7	718.1	713.6	636.7	508.2
50- 65	15		79.0	59.6	72.5	78.1	75.4	63.7	46.4	51.5	77.4	154.2	282.5	394.3	397.4	338.2	272.8	185.9
65- 85	20		40.1	32.4	42.8	46.9	52.7	49.3	43.6	45.3	70.1	147.2	202.1	226.1	189.2	147.1	110.9	63.0
85- 110	25	20.6	19.4	19.9	27.2	30.1	35.8	38.1	38.5	34.0	74.3	105.5	127.7	119.3	82.4	67.7	41.2	19.6
110- 135	25	14.5	14.6	15.7	20.3	22.6	26.0	29.2	26.9	32.6	67.9	70.4	80.2	63.1	41.3	34.6	15.6	6.8
135- 165	30	12.4	13.1	13.9	16.5	19.4	19.7	23.5	23.4	32.9	39.3	60.0	48.7	29.1	27.0	17.9	6.4	
165- 195	30	8.1	10.4	12.0	13.9	17.1	16.5	20.4	20.8	25.6	30.2	32.0	33.5	14.0	18.5	8.6	2.6	
195- 225	30	3.0	6.7	9.2	11.5	14.7	15.0	17.5	16.0	14.6	30.7	20.6	21.6	10.4	12.4	3.7	0.8	

Table 2 (Continuation)

Equivalent dose rate from Nose, Forward Toroid, and VT for T= 10 y, t= 5 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6				475.3	314.9	177.6	89.1	55.2	58.3	107.1	214.6	452.1	1029.3	1865.8	2900.5	3958.0	4975.8
6- 10	4	1151.1	1047.3	771.7	486.2	305.6	168.2	84.2	53.0	57.6	102.2	200.7	416.8	930.4	1643.4	2536.0	3367.7	4195.2
10- 20	10	1138.3	972.6	688.6	480.6	288.9	155.8	79.5	48.1	52.0	91.9	176.4	372.7	826.1	1473.0	2262.9	3013.9	3753.5
20- 30	10		989.5	512.4	362.6	234.0	137.9	76.6	45.4	48.3	82.3	154.4	332.7	723.3	1219.5	1804.7	2427.9	2937.1
30- 40	10		296.6	196.3	194.9	162.9	115.0	71.9	44.7	47.6	77.6	144.4	309.3	611.3	956.5	1211.0	1314.6	1279.2
40- 50	10		122.8	92.5	106.1	106.1	92.2	63.8	43.5	47.2	74.1	139.9	284.3	517.7	633.5	626.8	558.1	443.5
50- 65	15		67.1	52.0	62.7	68.1	65.9	55.7	40.8	45.5	68.4	136.2	251.3	349.3	350.5	296.1	241.0	162.4
65- 85	20		34.2	28.4	37.2	40.8	46.2	43.1	38.5	40.1	61.9	131.0	178.7	199.5	166.8	128.8	97.2	55.6
85- 110	25	18.6	16.8	17.5	24.2	26.1	31.5	33.3	33.8	29.9	65.8	93.8	112.9	105.1	72.7	59.5	36.4	17.5
110- 135	25	13.0	13.1	13.8	17.7	20.0	22.9	25.7	23.9	28.6	60.5	62.2	71.0	55.7	36.3	30.3	13.8	6.1
135- 165	30	11.1	11.7	12.2	14.3	16.9	17.1	20.2	19.7	29.3	34.7	53.2	43.0	25.8	23.6	15.9	5.7	
165- 195	30	7.1	9.0	10.1	11.5	14.1	13.5	16.6	18.9	23.7	26.7	28.4	29.5	12.3	16.1	7.4	2.1	
195- 225	30	2.6	5.4	7.3	9.0	11.7	11.9	14.7	13.5	12.3	27.1	18.1	19.0	9.0	10.6	3.1	0.7	

Table 2 (Continuation)

Equivalent dose rate from Nose, Forward Toroid, and VT for T= 10 y, t=30 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6				257.2	174.5	99.1	49.9	29.1	31.3	57.0	115.3	240.6	545.4	1009.9	1600.8	2191.1	2794.2
6- 10	4	627.0	555.8	412.3	268.0	172.5	93.8	47.5	27.9	30.5	54.4	106.9	220.4	487.6	877.6	1388.9	1900.7	2308.5
10- 20	10	608.8	529.4	378.3	265.3	160.6	87.9	44.9	26.3	28.1	49.1	94.0	193.2	428.8	769.2	1200.5	1635.0	2061.4
20- 30	10		549.8	284.7	201.5	130.3	77.4	42.9	25.0	26.2	44.3	82.0	172.6	375.6	645.1	966.5	1284.9	1517.0
30- 40	10		178.8	115.2	111.7	92.3	65.4	40.3	24.7	25.8	42.2	76.5	163.0	322.6	510.3	631.6	639.0	574.4
40- 50	10		80.7	56.3	62.9	61.5	52.6	36.0	24.1	25.5	40.3	73.6	149.9	279.8	329.7	311.0	259.2	198.6
50- 65	15		45.7	32.4	38.2	39.8	38.0	31.4	22.6	24.5	36.5	71.2	135.1	182.4	178.8	145.8	115.7	78.1
65- 85	20		22.6	17.4	22.2	23.8	26.6	24.4	21.2	21.9	32.2	71.2	94.9	102.7	85.1	63.5	48.0	28.4
85- 110	25	11.2	10.1	10.1	13.8	15.1	18.0	18.8	18.8	16.2	35.2	50.4	58.6	54.4	36.6	29.0	18.0	9.3
110- 135	25	7.1	7.3	7.7	10.0	11.2	12.8	14.5	13.3	15.0	33.4	31.9	36.6	29.0	17.8	14.7	7.0	3.3
135- 165	30	6.1	6.6	6.8	8.0	9.5	9.6	11.5	11.5	15.4	18.5	28.0	22.2	13.3	11.3	7.8	2.9	
165- 195	30	4.0	5.1	5.9	6.8	8.2	8.0	9.9	10.1	11.6	13.8	14.6	15.4	6.0	7.7	3.7	1.1	
195- 225	30	1.3	3.2	4.5	5.6	7.2	7.2	8.4	7.8	7.2	14.2	9.1	10.1	4.3	5.1	1.5	0.4	

Table 2 (Continuation)

Equivalent dose rate from Nose, Forward Toroid, and VT for T= 10 y, t= 100 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6				141.3	97.2	56.1	28.9	17.2	18.8	34.8	70.5	148.7	337.9	641.7	1022.6	1422.2	1787.5
6- 10	4	341.1	302.1	224.2	147.8	95.1	53.2	27.4	16.6	18.3	32.9	65.5	135.6	303.8	561.5	892.3	1228.7	1540.0
10- 20	10	332.7	289.0	206.6	145.6	89.9	49.8	26.0	15.7	16.8	29.9	57.7	119.6	270.5	492.9	779.5	1079.3	1359.4
20- 30	10		303.6	155.7	111.6	73.2	44.2	24.9	15.0	15.8	27.0	50.6	108.1	237.3	409.6	618.8	821.3	988.2
30- 40	10		107.5	66.4	64.1	52.7	37.5	23.5	14.8	15.6	26.0	47.4	102.5	205.1	324.5	403.5	401.9	352.2
40- 50	10		52.7	35.3	38.0	35.9	30.4	21.1	14.4	15.4	24.9	45.6	94.7	175.8	210.3	197.0	162.1	118.2
50- 65	15		31.1	21.1	23.6	24.0	22.3	18.6	13.7	14.8	22.5	44.6	85.4	115.8	114.2	90.7	69.3	45.7
65- 85	20		15.8	11.4	14.1	14.7	15.8	14.7	12.9	13.4	19.8	45.1	59.6	65.8	53.8	38.5	28.4	16.0
85- 110	25	7.9	6.8	6.5	8.7	9.3	10.9	11.4	11.4	10.0	22.1	31.2	37.5	34.7	22.8	17.5	10.7	5.2
110- 135	25	4.6	4.7	4.9	6.3	7.0	7.9	8.9	8.1	9.0	21.0	20.4	23.3	18.5	10.7	8.9	4.1	1.8
135- 165	30	3.9	4.1	4.3	5.1	5.9	6.0	7.1	7.0	9.3	11.5	18.3	14.1	8.3	6.9	4.6	1.7	
165- 195	30	2.5	3.2	3.8	4.3	5.2	5.0	6.2	6.2	7.0	8.9	9.3	9.9	3.7	4.8	2.3	0.7	
195- 225	30	0.8	2.0	2.8	3.6	4.4	4.5	5.2	4.8	4.5	9.9	5.9	6.6	2.7	3.2	1.0	0.3	

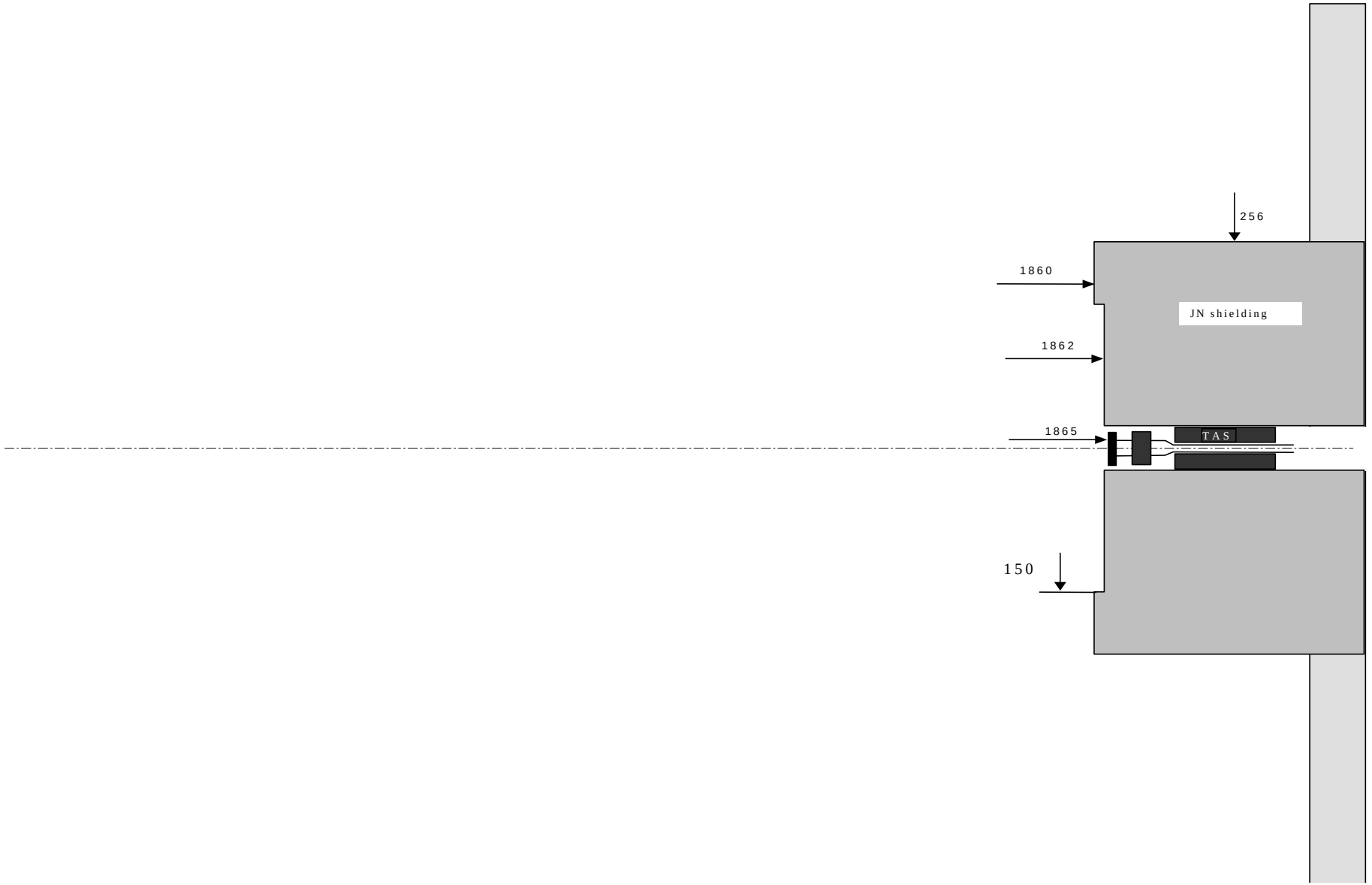

Fig.3. Access scenario to the Nose region.

Table 3

Equivalent dose rate from Nose for T= 100 d, t=1d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6	14.9	15.2	15.8	16.1	17.1	18.7	22.1	32.0	57.3	121.5	249.7	523.9	1206.2	2141.1	3277.4	4458.2	5676.8
6- 10	4	16.0	16.6	16.7	17.7	18.5	20.3	24.0	33.6	57.0	115.3	235.0	486.7	1083.6	1928.3	2910.2	3791.0	4641.0
10- 20	10	15.7	16.0	16.4	17.0	17.8	19.2	22.3	30.8	52.1	104.2	206.2	440.3	970.4	1713.7	2549.1	3397.1	4121.4
20- 30	10	14.3	15.1	15.2	15.7	16.6	18.0	21.0	28.9	48.1	92.7	180.7	395.2	863.5	1442.7	2158.5	2896.1	3458.9
30- 40	10	14.1	15.1	15.2	15.3	16.4	17.8	20.7	28.1	46.4	87.0	170.5	370.3	725.4	1127.9	1422.0	1562.3	1570.9
40- 50	10	14.7	15.1	15.2	15.7	16.6	18.0	20.7	28.0	45.9	83.0	167.2	336.4	604.1	735.9	734.2	672.4	544.6
50- 65	15	15.2	15.2	15.3	15.8	16.7	18.0	20.6	27.8	44.4	76.7	159.5	292.0	402.6	403.3	347.8	286.9	192.2
65- 85	20	15.2	15.2	15.3	15.8	16.6	17.9	20.4	27.3	39.9	69.2	148.4	206.2	227.0	190.4	150.7	111.2	62.4
85- 110	25	14.1	15.0	15.2	15.3	16.3	17.4	19.8	24.7	29.8	72.6	107.1	126.6	117.3	81.8	67.9	39.9	17.3
110- 135	25	14.0	14.1	14.5	14.9	15.4	16.4	17.8	18.2	26.1	68.0	68.8	78.6	60.7	40.3	33.5	13.6	4.4
135- 165	30	12.5	13.3	13.9	14.4	14.9	15.7	16.7	17.5	27.8	38.1	59.2	47.6	27.5	25.9	16.6	4.4	
165- 195	30	8.4	10.9	12.4	13.4	14.1	14.9	15.8	16.6	22.5	28.3	31.4	33.0	13.5	18.3	7.6	1.3	
195- 225	30	2.9	6.9	9.6	11.5	12.8	13.9	14.8	13.5	12.1	29.2	19.7	21.0	10.4	12.4	3.5	0.4	

Table 3 (Continuation)

Equivalent dose rate from Nose for T= 100 d, t= 3 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6	11.2	11.8	11.9	12.1	13.0	14.3	16.8	24.8	44.5	95.6	198.3	420.5	960.8	1709.0	2613.6	3545.8	4495.9
6- 10	4	12.6	12.6	13.0	13.5	14.2	15.6	18.3	26.0	44.2	91.0	184.9	388.3	873.7	1542.3	2318.9	3067.4	3711.3
10- 20	10	12.3	12.5	12.6	12.9	13.6	14.7	17.0	23.5	40.0	81.7	162.1	348.9	772.8	1370.7	2082.4	2761.5	3326.4
20- 30	10	11.1	11.1	12.0	12.0	12.7	13.8	15.9	22.0	36.7	72.4	141.1	311.1	673.5	1145.7	1722.5	2226.1	2697.6
30- 40	10	11.1	11.0	12.0	12.0	12.6	13.6	15.6	21.4	35.4	67.2	131.7	286.1	564.8	881.8	1130.6	1227.3	1254.5
40- 50	10	11.0	11.3	12.0	12.0	12.6	13.6	15.7	21.4	34.9	63.6	128.7	261.8	474.4	586.6	590.5	546.0	437.1
50- 65	15	11.0	11.5	12.0	12.1	12.6	13.6	15.7	21.3	33.9	58.7	123.2	229.4	321.6	325.8	279.9	230.6	158.1
65- 85	20	11.0	11.5	12.0	12.1	12.6	13.6	15.5	20.8	30.4	53.5	116.5	163.8	182.5	153.8	122.5	90.8	51.1
85- 110	25	11.0	11.0	11.5	12.1	12.3	13.3	15.1	19.0	22.7	57.0	84.3	101.6	95.3	66.3	54.8	32.4	14.3
110- 135	25	10.7	10.9	11.0	11.2	11.9	12.6	13.6	14.0	20.4	53.3	55.4	63.4	49.2	32.6	27.0	11.0	3.6
135- 165	30	9.6	10.3	10.6	10.9	11.4	12.0	12.8	13.4	21.7	30.0	47.6	38.4	22.3	21.0	13.3	3.6	
165- 195	30	6.3	8.3	9.5	10.2	10.8	11.4	12.1	12.8	17.8	22.9	25.3	26.7	10.9	14.7	6.1	1.1	
195- 225	30	2.2	5.2	7.3	8.8	9.8	10.6	11.3	10.5	9.6	23.5	15.8	17.0	8.3	10.0	2.8	0.3	

Table 3 (Continuation)

Equivalent dose rate from Nose for T= 100d, t= 5 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6	9.7	10.0	10.2	10.5	11.2	12.3	14.4	21.0	38.0	82.6	171.8	363.8	831.5	1477.2	2286.8	3108.3	3875.7
6- 10	4	10.6	10.0	10.2	10.5	11.2	12.3	14.4	22.4	38.0	78.8	159.7	334.4	752.0	1333.6	2008.0	2657.1	3196.2
10- 20	10	10.4	10.0	10.2	10.5	11.1	12.3	14.4	20.4	34.6	70.8	141.3	299.9	665.4	1182.5	1773.7	2351.5	2906.3
20- 30	10	9.7	9.9	10.1	10.4	10.9	12.0	13.8	19.1	31.8	62.8	122.2	267.4	579.9	982.5	1467.6	1919.7	2336.6
30- 40	10	9.7	9.9	10.1	10.3	10.9	11.9	13.5	18.6	30.6	58.2	113.7	247.3	488.5	763.1	968.3	1053.7	1084.8
40- 50	10	9.7	9.9	10.2	10.4	10.9	11.9	13.6	18.5	30.2	55.0	110.3	226.4	411.6	507.7	506.4	464.7	374.9
50- 65	15	9.8	10.0	10.2	10.5	10.9	11.9	13.6	18.4	29.3	50.8	106.4	198.5	278.6	280.6	242.1	196.9	135.3
65- 85	20	9.7	9.9	10.2	10.4	10.9	11.8	13.4	18.0	26.3	46.1	101.1	141.1	157.6	132.7	104.1	78.5	44.9
85- 110	25	9.5	9.7	10.0	10.3	10.7	11.5	13.0	16.4	19.8	49.2	73.0	87.5	82.1	57.2	47.1	28.2	12.6
110- 135	25	9.2	9.4	9.6	9.8	10.2	10.7	11.8	12.1	17.6	46.2	47.6	54.6	42.5	28.0	23.2	9.5	3.1
135- 165	30	8.3	8.9	9.2	9.5	9.9	10.3	11.0	11.6	18.8	26.1	41.0	33.1	19.2	17.9	11.5	3.1	
165- 195	30	5.5	7.2	8.2	8.9	9.4	9.8	10.4	11.0	15.3	19.7	21.9	23.0	9.3	12.5	5.3	0.9	
195- 225	30	2.0	4.6	6.4	7.6	8.5	9.2	9.8	9.0	8.3	20.2	13.6	14.6	7.1	8.5	2.4	0.2	

Table 3 (Continuation)

Equivalent dose rate from Nose for T= 100d, t= 30 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6	4.8	4.9	5.0	5.2	5.6	6.1	7.1	9.2	16.4	36.5	76.0	159.5	358.9	651.5	1017.7	1416.2	1734.2
6- 10	4	4.8	4.9	5.0	5.2	5.6	6.1	7.1	9.2	16.4	34.7	70.7	145.9	319.6	562.9	859.7	1142.8	1420.6
10- 20	10	4.8	4.9	5.0	5.1	5.4	5.8	6.6	9.2	15.4	31.3	61.7	127.0	276.9	489.5	746.6	1001.6	1242.4
20- 30	10	4.5	4.5	4.7	4.8	5.1	5.4	6.3	8.7	14.2	27.9	53.3	112.7	242.4	409.6	614.4	815.0	984.9
30- 40	10	4.5	4.6	4.7	4.8	5.1	5.4	6.2	8.5	13.7	26.0	49.5	104.9	207.1	329.5	405.6	410.2	388.6
40- 50	10	4.5	4.6	4.7	4.8	5.1	5.4	6.2	8.4	13.5	24.6	47.2	96.4	179.6	213.0	200.0	174.9	136.3
50- 65	15	4.5	4.6	4.6	4.7	5.0	5.4	6.1	8.3	13.0	22.2	44.9	86.9	116.6	112.8	94.4	76.4	53.9
65- 85	20	4.4	4.5	4.6	4.7	4.9	5.2	6.0	8.0	11.7	19.4	44.4	60.6	64.2	53.6	41.2	31.4	19.3
85- 110	25	4.3	4.3	4.4	4.5	4.8	5.1	5.7	7.3	8.7	21.2	32.3	36.0	33.4	23.0	18.5	11.4	5.6
110- 135	25	4.1	4.2	4.2	4.3	4.6	4.8	5.2	5.4	7.1	20.8	19.3	22.3	17.4	10.9	9.0	3.9	1.4
135- 165	30	3.7	4.0	4.1	4.2	4.4	4.6	4.9	5.1	8.2	11.2	17.0	13.3	7.7	6.8	4.4	1.2	
165- 195	30	2.4	3.2	3.6	3.9	4.2	4.4	4.6	4.9	6.4	8.0	8.8	9.3	3.6	4.8	2.0	0.3	
195- 225	30	0.8	2.0	2.8	3.4	3.8	4.1	4.3	4.0	3.6	8.3	5.5	6.0	2.7	3.2	0.9	0.1	

Table 3 (Continuation)

Equivalent dose rate from Nose for T= 100d, t= 100 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6	2.4	2.5	2.6	2.6	2.8	3.1	3.4	4.5	8.5	18.5	39.0	81.8	184.9	336.4	525.8	726.2	915.6
6- 10	4	2.4	2.5	2.6	2.6	2.8	3.1	3.4	4.5	8.6	17.6	36.1	74.5	164.5	293.0	447.1	596.8	737.7
10- 20	10	2.4	2.5	2.5	2.6	2.7	3.0	3.4	4.5	7.8	15.9	31.7	65.3	142.8	254.2	390.0	529.1	653.1
20- 30	10	2.3	2.4	2.4	2.4	2.5	2.8	3.2	4.4	7.3	14.2	27.3	57.9	124.6	213.5	318.8	426.0	510.9
30- 40	10	2.3	2.4	2.4	2.4	2.6	2.8	3.1	4.3	7.0	13.3	25.3	54.0	106.7	170.1	209.7	211.5	194.7
40- 50	10	2.3	2.4	2.4	2.4	2.6	2.8	3.1	4.3	6.9	12.6	24.2	49.5	93.0	108.7	101.8	87.7	68.5
50- 65	15	2.3	2.3	2.4	2.4	2.5	2.8	3.1	4.2	6.7	11.4	23.1	44.8	60.0	57.8	47.7	38.1	26.2
65- 85	20	2.2	2.3	2.3	2.4	2.5	2.7	3.0	4.1	6.1	9.9	22.9	31.0	32.9	27.3	20.5	15.4	8.8
85- 110	25	2.2	2.2	2.3	2.3	2.4	2.6	2.9	3.7	4.4	10.9	16.4	18.4	17.1	11.5	9.1	5.6	2.6
110- 135	25	2.1	2.1	2.2	2.2	2.3	2.5	2.7	2.7	3.6	10.7	10.0	11.5	8.9	5.5	4.5	1.8	0.6
135- 165	30	1.9	2.0	2.1	2.2	2.2	2.4	2.5	2.6	4.2	5.8	8.9	6.9	3.9	3.4	2.2	0.6	
165- 195	30	1.2	1.6	1.9	2.0	2.1	2.2	2.4	2.5	3.3	4.1	4.5	4.8	1.8	2.4	1.0	0.2	
195- 225	30	0.4	1.0	1.4	1.7	1.9	2.1	2.2	2.1	1.9	4.3	2.7	3.1	1.3	1.6	0.4	0.0	

Table 3 (Continuation)

Equivalent dose rate from Nose for T= 10 y, t= 1 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6	17.1	17.2	18.2	18.3	19.3	21.0	27.5	36.5	66.1	141.1	289.7	610.7	1389.1	2511.9	3891.4	5314.8	6727.4
6- 10	4	17.1	17.2	18.2	18.3	19.3	21.0	27.5	38.5	65.4	133.8	271.2	565.0	1287.1	2266.1	3465.7	4552.7	5617.0
10- 20	10	17.1	17.2	18.2	18.3	19.3	21.0	25.6	35.4	59.3	120.3	239.5	509.5	1131.4	2016.4	3083.9	4054.4	4953.4
20- 30	10	17.1	17.2	18.2	18.3	19.3	21.0	24.1	33.2	54.4	107.2	209.3	459.1	1000.6	1709.0	2542.5	3370.5	4095.6
30- 40	10	17.1	17.2	18.2	18.3	19.3	20.7	23.8	32.5	53.1	101.3	199.3	430.9	847.2	1329.5	1643.2	1788.4	1791.1
40- 50	10	17.1	17.2	18.2	18.3	19.3	20.8	23.8	32.4	52.8	96.6	192.3	393.0	708.0	861.6	854.4	767.0	612.0
50- 65	15	17.1	17.2	18.2	18.3	19.3	20.9	23.8	32.2	51.5	88.7	185.7	340.3	472.9	473.4	402.0	324.7	221.2
65- 85	20	17.1	17.2	18.2	18.3	19.3	20.7	23.6	31.6	46.3	79.8	173.9	240.5	266.9	223.6	172.6	128.1	71.2
85- 110	25	17.0	17.1	17.5	18.1	18.8	20.2	22.8	28.9	34.4	84.8	124.2	148.4	138.2	95.1	77.8	45.8	19.8
110- 135	25	16.0	16.5	16.9	17.2	17.9	19.0	20.7	21.2	30.0	79.4	80.6	92.4	71.7	46.3	38.4	15.3	5.0
135- 165	30	14.5	15.5	16.2	16.7	17.3	18.2	19.4	20.3	32.2	44.1	69.9	55.9	32.2	29.7	19.0	5.1	
165- 195	30	9.6	12.6	14.4	15.5	16.4	17.3	18.4	19.3	26.3	33.2	36.8	38.9	15.5	20.8	8.7	1.5	
195- 225	30	3.3	7.9	11.2	13.3	14.9	16.1	17.2	15.6	13.9	34.4	22.9	24.8	11.8	14.2	3.9	0.5	

Table 3 (Continuation)

Equivalent dose rate from Nose for T= 10 y, t= 3 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6	13.9	13.9	14.0	14.6	15.5	17.1	20.5	30.9	52.6	114.3	239.3	506.0	1158.5	2087.3	3249.0	4414.2	5592.5
6- 10	4	13.9	13.9	14.0	14.6	15.4	17.7	20.5	30.9	52.5	108.6	221.4	465.6	1042.0	1863.8	2851.6	3785.0	4659.3
10- 20	10	13.9	13.9	14.0	14.6	15.4	17.7	20.5	28.3	48.2	98.2	195.4	417.2	932.0	1673.5	2545.0	3412.7	4168.3
20- 30	10	13.9	13.9	14.0	14.6	15.4	16.7	19.2	26.5	44.4	87.4	170.3	374.4	817.4	1378.7	2073.2	2738.2	3324.6
30- 40	10	13.9	13.9	14.0	14.6	15.2	16.5	19.0	25.9	42.8	81.5	159.8	347.3	687.7	1075.9	1366.0	1446.3	1442.7
40- 50	10	13.9	13.9	14.0	14.6	15.4	16.5	19.0	25.9	42.3	77.3	155.0	317.6	578.5	715.1	710.8	634.0	505.5
50- 65	15	13.9	13.9	14.0	14.6	15.5	16.5	19.0	25.7	41.1	70.9	149.5	278.7	390.9	394.2	335.3	269.9	183.0
65- 85	20	13.9	13.9	14.0	14.6	15.3	16.5	18.8	25.1	36.9	64.1	142.6	198.3	222.7	186.0	144.1	108.0	60.1
85- 110	25	13.1	13.8	14.0	14.1	15.1	16.0	18.3	23.1	27.4	69.4	101.4	124.1	116.1	79.4	64.9	38.4	16.8
110- 135	25	12.9	13.0	13.5	13.8	14.3	15.2	16.5	16.8	24.4	64.9	67.1	77.1	60.2	38.6	32.0	13.0	4.2
135- 165	30	11.7	12.4	12.9	13.4	13.8	14.5	15.5	16.2	25.3	36.2	58.4	46.7	26.9	24.8	15.7	4.2	
165- 195	30	7.7	10.0	11.5	12.4	13.1	13.8	14.7	15.4	20.5	27.6	30.6	32.7	13.0	17.3	7.3	1.3	
195- 225	30	2.7	6.4	8.9	10.7	11.9	12.9	13.8	12.9	12.1	28.7	19.1	20.8	9.8	11.9	3.2	0.4	

Table 3 (Continuation)

Equivalent dose rate from Nose for T= 10 y, t= 5 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6	11.8	12.4	12.9	12.9	13.8	15.0	17.7	27.4	47.1	101.2	210.7	449.0	1026.6	1863.3	2898.1	3955.6	4973.4
6- 10	4	11.8	12.4	12.9	12.9	13.8	14.7	17.1	27.4	46.9	96.4	196.7	413.6	927.6	1640.8	2533.5	3365.3	4192.8
10- 20	10	11.8	12.4	12.9	12.9	13.8	14.7	17.1	25.1	42.4	86.7	172.8	369.8	823.5	1470.6	2260.7	3011.7	3751.3
20- 30	10	11.8	12.4	12.9	12.9	13.8	14.7	17.1	23.6	39.1	77.3	151.0	329.9	721.0	1217.3	1802.6	2425.9	2935.1
30- 40	10	11.8	12.4	12.9	12.9	13.8	14.5	16.9	23.0	37.8	72.1	140.7	306.2	608.7	954.1	1208.7	1312.3	1276.9
40- 50	10	11.8	12.4	12.9	12.9	13.8	14.7	16.9	23.0	37.4	68.5	136.0	281.0	514.9	630.9	624.3	555.7	441.1
50- 65	15	11.8	12.4	12.9	12.9	13.8	14.7	16.8	22.8	36.4	62.8	132.1	247.9	346.4	347.8	293.5	238.4	159.8
65- 85	20	11.8	12.3	12.9	12.9	13.6	14.5	16.6	22.3	32.8	56.6	127.0	175.3	196.6	164.1	126.2	94.6	53.0
85- 110	25	11.8	11.8	12.4	12.8	13.1	14.3	16.1	20.4	24.2	61.5	90.2	109.8	102.4	70.1	57.0	33.9	15.0
110- 135	25	11.5	11.6	11.9	12.0	12.7	13.5	14.6	15.0	21.4	57.9	59.3	68.3	53.2	33.9	28.0	11.5	3.8
135- 165	30	10.4	11.0	11.3	11.6	12.0	12.5	13.2	13.4	22.7	32.0	51.8	41.2	23.8	21.6	13.9	3.7	
165- 195	30	6.8	8.6	9.6	10.2	10.6	11.1	11.6	14.2	19.3	24.4	27.1	28.8	11.4	15.1	6.4	1.0	
195- 225	30	2.3	5.1	7.0	8.3	9.2	10.1	11.4	10.8	10.1	25.3	16.8	18.4	8.5	10.3	2.8	0.4	

Table 3 (Continuation)

Equivalent dose rate from Nose for T= 10 y, t=30 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6	6.6	6.9	7.0	7.2	7.6	8.1	9.3	13.2	24.9	53.6	113.0	238.8	543.8	1008.5	1599.4	2189.8	2792.9
6- 10	4	6.6	6.9	7.0	7.2	7.6	8.1	9.3	13.2	24.5	51.1	104.7	218.5	486.1	876.2	1387.5	1899.3	2307.1
10- 20	10	6.6	6.9	7.0	7.2	7.6	8.1	9.3	13.2	22.6	46.1	92.0	191.5	427.4	767.9	1199.2	1633.7	2060.1
20- 30	10	6.6	6.9	7.0	7.2	7.6	8.1	9.3	12.7	21.0	41.5	80.1	171.1	374.3	643.9	965.3	1283.7	1515.8
30- 40	10	6.6	6.9	7.0	7.2	7.6	8.1	9.2	12.5	20.3	39.2	74.4	161.3	321.1	508.9	630.3	637.7	573.1
40- 50	10	6.6	6.9	7.0	7.2	7.6	8.1	9.2	12.4	20.0	37.1	71.4	148.1	278.2	328.2	309.6	257.8	197.2
50- 65	15	6.6	6.8	6.9	7.2	7.4	8.1	9.1	12.2	19.4	33.4	68.9	133.3	180.8	177.3	144.3	114.2	76.6
65- 85	20	6.5	6.7	6.8	7.0	7.3	7.9	8.9	11.9	17.8	29.3	68.9	93.1	101.1	83.6	62.0	46.5	26.9
85- 110	25	6.3	6.5	6.6	6.8	7.1	7.7	8.6	11.0	12.8	32.8	48.4	56.9	52.8	35.1	27.6	16.6	7.9
110- 135	25	6.1	6.3	6.4	6.5	6.8	7.2	7.9	8.1	10.8	31.9	30.3	35.0	27.5	16.4	13.4	5.7	2.0
135- 165	30	5.6	6.0	6.2	6.3	6.6	6.9	7.4	7.7	11.6	16.9	27.2	21.1	12.1	10.2	6.7	1.8	
165- 195	30	3.7	4.8	5.5	5.9	6.2	6.6	7.0	7.4	9.0	12.5	13.9	14.9	5.5	7.1	3.1	0.5	
195- 225	30	1.2	3.0	4.3	5.1	5.7	6.1	6.5	6.2	5.9	13.1	8.4	9.6	4.0	4.9	1.3	0.2	

Table 3 (Continuation)

Equivalent dose rate from Nose for T= 10 y, t= 100 d

R/Z, cm		1283	1285-1295	1295-1300	1300-1310	1310-1330	1330-1355	1355-1405	1405-1505	1505-1605	1605-1705	1705-1755	1755-1805	1805-1830	1830-1845	1845-1855	1855-1860	1860-1862
	dR\dZ	0	10	5	10	20	25	50	100	100	100	50	50	25	15	10	5	2
0- 6	6	4.1	4.2	4.3	4.4	4.6	5.0	5.8	8.2	15.1	32.8	69.2	147.7	337.0	640.8	1021.8	1421.4	1786.7
6- 10	4	4.1	4.2	4.3	4.4	4.6	5.0	5.8	8.2	14.8	31.0	64.2	134.6	302.9	560.6	891.5	1227.9	1539.2
10- 20	10	4.1	4.2	4.3	4.4	4.6	5.0	5.8	8.2	13.7	28.1	56.5	118.6	269.6	492.1	778.7	1078.5	1358.6
20- 30	10	4.1	4.2	4.3	4.4	4.6	5.0	5.8	8.0	12.8	25.4	49.5	107.2	236.5	408.8	618.2	820.7	987.6
30- 40	10	4.1	4.2	4.3	4.4	4.6	5.0	5.8	7.8	12.5	24.3	46.2	101.5	204.2	323.8	402.8	401.2	351.5
40- 50	10	4.1	4.2	4.3	4.4	4.6	4.9	5.8	7.8	12.3	23.1	44.4	93.7	174.9	209.5	196.3	161.4	117.5
50- 65	15	4.1	4.2	4.2	4.4	4.6	4.9	5.7	7.7	11.9	20.7	43.3	84.3	114.9	113.4	89.9	68.5	44.9
65- 85	20	4.1	4.1	4.2	4.4	4.5	4.8	5.6	7.5	11.0	18.1	43.8	58.5	64.8	53.0	37.7	27.6	15.2
85- 110	25	4.0	4.0	4.1	4.2	4.4	4.7	5.4	6.9	8.0	20.7	30.0	36.5	33.8	22.0	16.7	9.9	4.4
110- 135	25	3.8	3.9	3.9	4.1	4.2	4.5	5.0	5.0	6.6	20.1	19.4	22.4	17.7	10.0	8.2	3.4	1.1
135- 165	30	3.5	3.7	3.8	4.0	4.1	4.3	4.6	4.8	7.1	10.5	17.7	13.5	7.7	6.3	4.0	1.1	
165- 195	30	2.3	3.0	3.4	3.7	3.9	4.1	4.4	4.6	5.6	8.0	8.8	9.6	3.4	4.4	1.9	0.3	
195- 225	30	0.7	1.9	2.6	3.2	3.5	3.8	4.1	3.9	3.7	9.3	5.4	6.2	2.5	3.0	0.8	0.1	

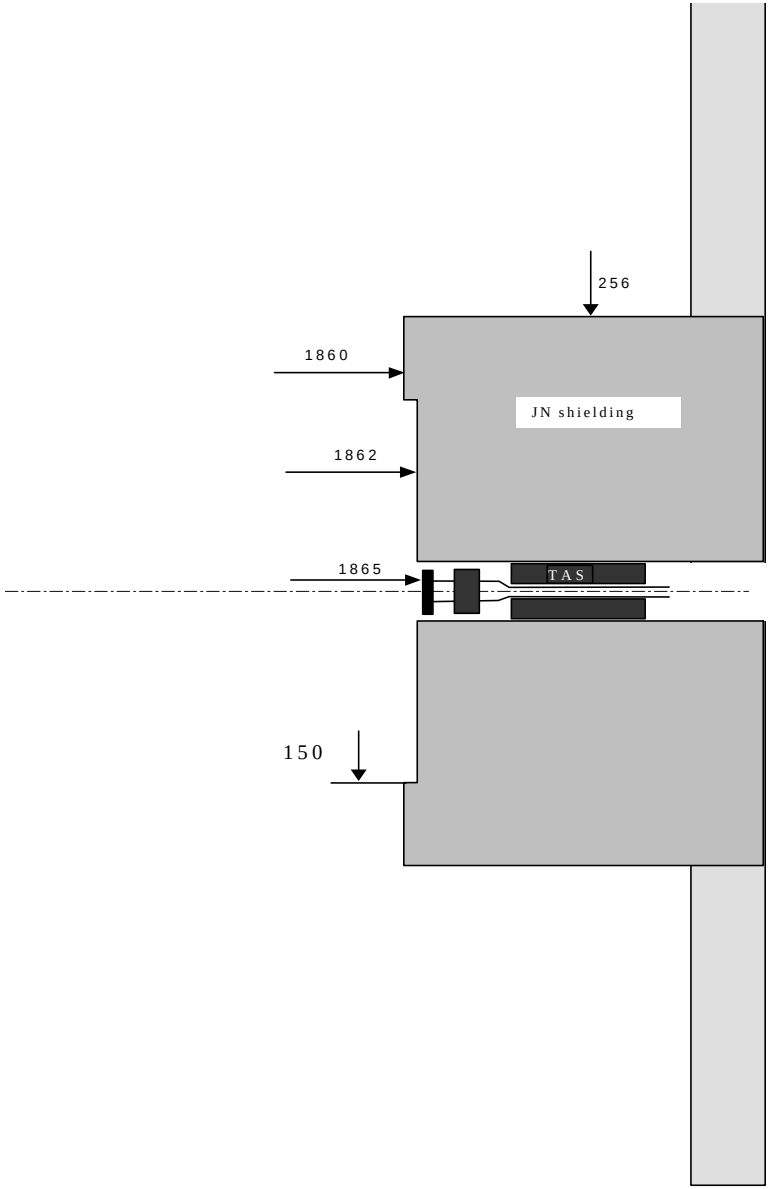

Fig.2. To dose rate calculation from Nose.

Table 2

Equivalent dose rate resulted from Nose for T= 100 d, t= 1 d

R/Z, cm	dR\dZ	1436-1438	1438-1448	1448-1473	1473-1498	1498-1508	1508-1510	1510-1560	1560-1610	1610-1660	1660-1710	1710-1760	1760-1785	1785-1810	1810-1835	1835-1850	1850-1860
								50	50	50	50	50	25	25	25	15	10
0- 5	5							49.1	68.2	99.3	155.1	266.8	436.1	735.9	1394.5	2562.7	4090.3
5- 15	10							47.8	64.6	91.9	141.0	238.1	393.4	644.1	1192.6	2174.3	3356.1
15- 30	15							42.0	56.3	79.1	118.6	197.0	340.5	549.4	1010.1	1743.3	2715.4
30- 43	13							40.5	53.7	73.8	105.5	181.8	312.3	483.5	782.2	1163.1	1351.6
43- 53	10							40.3	52.9	70.4	99.6	177.2	289.5	409.8	591.6	628.2	562.4
53	0							40.2	52.2	68.5	97.2	174.2	273.2	390.2	492.4	488.4	401.7
53- 60	7							40.0	51.4	66.2	95.2	170.4	260.9	372.1	419.5	403.0	321.4
60- 75	15							38.7	47.8	58.9	90.6	160.5	238.8	270.3	284.5	240.3	178.8
75- 100	25							33.1	36.7	51.6	95.0	133.9	148.4	164.8	149.3	106.8	76.2
100- 125	25							21.3	31.4	57.3	84.5	78.4	100.3	90.6	71.6	50.3	29.6
125- 150	25							20.5	31.4	37.1	37.7	68.2	54.8	59.8	34.4	30.5	12.5
150- 175	25							17.6	31.4	38.5	40.6	45.2	41.6	37.9	18.5	20.3	5.4
175- 200	25							15.4	15.4	28.6	42.2	25.6	36.5	19.5	13.5	13.5	2.4
200- 225	25							12.6	14.4	22.1	29.2	26.9	26.0	18.2	12.0	8.6	1.0

Table 2 (continuation)

Equivalent dose rate resulted from Nose for T= 100 d, t= 3 d

R/Z, cm		1436-1438	1438-1448	1448-1473	1473-1498	1498-1508	1508-1510	1510-1560	1560-1610	1610-1660	1660-1710	1710-1760	1760-1785	1785-1810	1810-1835	1835-1850	1850-1860
	dR\dZ							50	50	50	50	50	25	25	25	15	10
0- 5	5							38.1	53.1	78.0	122.2	212.0	349.6	591.1	1116.2	2046.3	3252.7
5- 15	10							37.2	50.5	72.2	110.7	187.4	313.4	512.6	958.0	1745.4	2692.1
15- 30	15							32.7	44.1	62.0	92.6	154.6	268.2	432.6	789.7	1402.6	2151.4
30- 43	13							31.3	41.4	60.9	81.5	140.4	241.3	374.0	611.6	915.7	1073.1
43- 53	10							30.9	40.5	58.0	76.0	135.8	224.8	323.4	466.6	505.8	454.7
53	0							30.7	39.8	56.8	74.1	132.9	215.2	308.9	391.4	392.9	324.9
53- 60	7							30.6	39.3	55.7	72.7	132.0	205.2	292.5	337.8	324.4	259.5
60- 75	15							29.5	36.4	52.8	70.2	126.1	186.5	215.2	229.2	194.7	144.9
75- 100	25							25.2	28.0	50.0	73.7	104.8	119.0	132.4	121.0	86.7	61.6
100- 125	25							16.9	33.5	50.8	66.0	62.7	80.7	73.0	58.1	40.4	23.9
125- 150	25							16.8	32.5	48.9	29.7	54.9	44.1	48.4	27.8	24.7	10.1
150- 175	25							16.8	24.6	29.4	32.6	36.2	33.7	30.6	15.0	16.4	4.4
175- 200	25							16.8	11.7	22.7	35.3	31.3	29.4	15.7	10.9	10.9	1.8
200- 225	25							9.9	10.7	16.9	23.5	21.7	21.1	14.6	9.5	7.0	0.8

Table 2 (continuation)

Equivalent dose rate resulted from Nose for T= 100 d, t= 5 d

R/Z, cm	dR\dZ	1436-1438	1438-1448	1448-1473	1473-1498	1498-1508	1508-1510	1510-1560	1560-1610	1610-1660	1660-1710	1710-1760	1760-1785	1785-1810	1810-1835	1835-1850	1850-1860
								50	50	50	50	50	25	25	25	15	10
0- 5	5							32.9	46.0	67.4	105.6	183.9	303.0	510.5	965.9	1778.1	2850.6
5- 15	10							32.3	43.7	62.4	96.1	163.0	268.8	441.6	826.3	1503.2	2323.0
15- 30	15							28.5	38.2	53.8	80.2	133.8	231.0	371.9	680.2	1201.5	1834.3
30- 43	13							27.0	35.8	52.7	70.6	121.1	209.0	323.7	529.5	787.6	924.1
43- 53	10							26.8	35.0	50.1	65.8	116.6	194.6	279.5	404.4	434.4	389.8
53	0							26.6	34.6	49.1	64.0	115.5	185.6	266.7	338.9	340.3	279.9
53- 60	7							26.3	34.0	48.1	62.5	114.0	177.8	254.4	291.6	281.2	223.1
60- 75	15							25.5	32.1	38.9	60.4	108.8	161.0	185.4	197.9	165.9	124.9
75- 100	25							21.9	27.8	34.3	64.7	91.0	102.5	113.8	104.4	74.6	53.0
100- 125	25							14.2	28.7	43.7	57.4	54.0	69.7	62.8	50.1	34.7	20.7
125- 150	25							14.5	28.3	42.6	43.1	47.3	43.6	41.7	24.0	21.2	8.6
150- 175	25							14.5	14.9	14.0	23.4	31.2	28.9	26.5	12.9	13.9	3.8
175- 200	25							11.3	12.2	14.0	17.6	19.3	25.4	17.1	9.3	9.3	1.6
200- 225	25							8.6	9.8	11.9	14.0	15.0	18.2	12.5	8.2	6.0	0.7

Table 2 (continuation)

Equivalent dose rate resulted from Nose for T= 100 d, t= 30 d

R/Z, cm	dR\dZ	1436-1438	1438-1448	1448-1473	1473-1498	1498-1508	1508-1510	1510-1560	1560-1610	1610-1660	1660-1710	1710-1760	1760-1785	1785-1810	1810-1835	1835-1850	1850-1860
								50	50	50	50	50	25	25	25	15	10
0- 5	5							14.1	20.0	29.5	46.6	81.3	134.6	221.4	420.4	787.7	1293.9
5- 15	10							14.4	19.4	27.7	42.3	71.5	117.1	187.7	347.5	633.3	998.0
15- 30	15							12.8	17.0	23.9	35.5	58.2	97.3	156.4	282.9	499.0	776.6
30- 43	13							12.2	16.1	22.0	31.5	52.3	89.0	136.3	226.7	338.2	365.7
43- 53	10							12.0	15.6	20.9	29.0	49.8	82.4	121.3	175.7	175.6	148.8
53	0							11.8	15.4	20.3	27.9	48.8	78.4	118.1	143.9	134.7	106.8
53- 60	7							11.8	15.6	19.6	27.0	48.0	75.9	113.3	119.8	111.9	86.1
60- 75	15							11.4	14.3	17.3	25.2	46.8	73.0	78.4	80.5	66.8	49.3
75- 100	25							9.8	13.6	16.8	27.6	40.9	42.4	46.7	42.5	29.7	21.1
100- 125	25							10.3	13.1	16.8	26.5	22.1	28.9	25.4	20.4	13.6	8.2
125- 150	25							8.2	12.1	16.8	19.0	19.7	15.2	17.0	9.7	8.1	3.4
150- 175	25							6.2	6.3	7.2	9.9	12.8	11.6	10.9	5.0	5.3	1.5
175- 200	25							4.2	4.5	4.7	7.1	7.0	10.3	5.5	3.5	3.5	0.7
200- 225	25							3.7	1.7	7.5	7.4	5.8	7.4	2.5	2.5	2.2	0.3

Table 2 (continuation)

Equivalent dose rate resulted from Nose for T= 100 d, t= 100 d

R/Z, cm	dR\dZ	1436-1438	1438-1448	1448-1473	1473-1498	1498-1508	1508-1510	1510-1560	1560-1610	1610-1660	1660-1710	1710-1760	1760-1785	1785-1810	1810-1835	1835-1850	1850-1860
								50	50	50	50	50	25	25	25	15	10
0- 5	5							7.3	10.2	15.0	23.7	41.7	69.1	113.3	216.5	407.6	665.9
5- 15	10							7.3	9.9	14.0	21.6	36.6	60.0	96.3	178.4	330.0	521.4
15- 30	15							6.4	8.7	12.2	18.1	29.9	49.9	80.4	146.2	259.6	406.5
30- 43	13							6.3	8.2	11.3	16.1	26.8	45.8	70.3	117.3	174.0	187.7
43- 53	10							6.2	8.1	10.7	14.8	25.6	42.4	62.4	90.1	89.8	75.1
53	0							6.1	8.0	10.4	14.2	25.2	40.4	60.8	73.4	69.0	53.8
53- 60	7							6.0	7.8	10.1	13.8	24.8	39.3	58.4	61.7	57.2	42.8
60- 75	15							5.9	7.3	8.8	12.9	24.1	37.4	40.3	41.5	33.7	24.5
75- 100	25							5.1	5.5	7.1	14.2	20.9	21.7	23.9	21.6	14.9	10.4
100- 125	25							3.1	5.0	7.1	13.7	11.2	14.9	13.0	10.5	6.7	4.0
125- 150	25							2.8	4.9	7.1	5.7	10.1	7.7	8.8	4.9	4.0	1.7
150- 175	25							2.8	4.9	2.9	5.7	6.6	5.9	5.6	2.5	2.7	0.7
175- 200	25							2.1	2.3	2.9	5.7	3.7	5.4	3.7	1.7	1.7	0.3
200- 225	25							1.8	2.1	3.4	4.3	3.0	3.9	2.5	1.6	1.2	0.1

Table 2 (continuation)

Equivalent dose rate resulted from Nose for T= 10 y, t= 1 d

R/Z, cm	dR\dZ	1436-1438	1438-1448	1448-1473	1473-1498	1498-1508	1508-1510	1510-1560	1560-1610	1610-1660	1660-1710	1710-1760	1760-1785	1785-1810	1810-1835	1835-1850	1850-1860
								50	50	50	50	50	25	25	25	15	10
0- 5	5							56.6	78.7	114.9	180.1	309.4	510.0	854.5	1623.2	3014.9	4867.5
5- 15	10							55.2	74.7	106.4	162.9	275.5	455.7	746.1	1406.0	2588.0	4003.6
15- 30	15							48.6	65.3	91.9	136.4	228.9	393.6	639.8	1169.9	2070.6	3206.9
30- 43	13							47.0	62.2	85.9	122.9	211.9	363.7	562.8	917.7	1357.8	1558.1
43- 53	10							46.9	61.3	81.9	115.1	203.7	337.5	480.9	693.1	734.2	645.8
53	0							46.5	60.7	79.5	111.7	200.9	318.9	457.1	576.8	570.2	459.8
53- 60	7							46.3	59.7	77.0	109.3	198.5	303.8	434.8	493.2	471.1	367.0
60- 75	15							45.0	55.4	68.3	104.6	188.0	277.3	315.9	335.4	280.5	206.0
75- 100	25							38.5	42.9	59.1	109.3	155.7	173.6	192.7	175.7	124.1	87.2
100- 125	25							24.5	37.5	59.1	94.1	91.1	118.6	105.9	84.4	57.5	33.9
125- 150	25							24.5	37.1	59.1	48.4	80.7	63.9	70.8	40.1	35.0	14.3
150- 175	25							24.5	36.0	25.7	45.7	49.2	48.8	44.9	21.4	23.3	6.2
175- 200	25							24.5	24.0	24.8	49.3	44.3	43.1	22.9	15.5	15.4	2.6
200- 225	25							14.3	22.5	32.6	34.5	31.1	30.8	20.6	13.7	10.0	1.2

Table 2 (continuation)

Equivalent dose rate resulted from Nose for T= 10 y, t= 3 d

R/Z, cm	dR\dZ	1436-1438	1438-1448	1448-1473	1473-1498	1498-1508	1508-1510	1510-1560	1560-1610	1610-1660	1660-1710	1710-1760	1760-1785	1785-1810	1810-1835	1835-1850	1850-1860
								50	50	50	50	50	25	25	25	15	10
0- 5	5							45.6	63.6	93.3	146.3	255.5	422.9	709.0	1349.8	2507.3	4048.2
5- 15	10							44.6	60.4	86.3	132.9	225.0	374.8	613.4	1156.5	2122.4	3341.4
15- 30	15							39.4	52.9	74.6	111.9	186.2	321.6	522.2	956.7	1691.8	2627.5
30- 43	13							37.6	50.0	68.9	99.0	170.2	293.6	454.0	745.8	1108.5	1286.0
43- 53	10							37.4	49.0	65.5	92.1	163.8	271.8	394.0	567.9	612.9	536.2
53	0							37.2	48.4	63.5	89.1	161.2	259.4	375.9	476.7	475.0	383.1
53- 60	7							37.0	47.6	61.5	87.2	160.6	248.9	355.1	408.3	392.7	305.1
60- 75	15							35.9	45.2	54.4	83.9	153.9	227.0	261.0	280.0	232.2	173.2
75- 100	25							30.6	39.9	49.2	88.2	127.1	144.2	161.1	147.4	103.3	72.8
100- 125	25							28.9	39.1	49.2	62.4	75.6	99.1	88.4	70.7	48.1	28.4
125- 150	25							20.0	34.6	49.2	58.3	67.4	53.2	59.3	33.6	29.1	11.9
150- 175	25							20.0	24.2	23.7	33.4	44.2	40.9	37.6	17.8	19.3	5.2
175- 200	25							20.0	18.6	21.4	26.5	24.7	36.2	19.3	12.9	12.8	2.2
200- 225	25							11.6	14.4	19.6	21.9	20.6	25.9	8.8	8.7	8.3	1.0

Table 2 (continuation)

Equivalent dose rate resulted from Nose for T= 10 y, t= 5 d

R/Z, cm	dR\dZ	1436-1438	1438-1448	1448-1473	1473-1498	1498-1508	1508-1510	1510-1560	1560-1610	1610-1660	1660-1710	1710-1760	1760-1785	1785-1810	1810-1835	1835-1850	1850-1860
								50	50	50	50	50	25	25	25	15	10
0- 5	5							40.1	56.1	82.5	129.7	225.5	375.3	628.1	1198.6	2241.3	3617.4
5- 15	10							39.3	53.5	76.3	117.4	199.2	333.4	542.8	1018.9	1884.7	2974.4
15- 30	15							34.8	46.9	66.0	98.7	164.9	284.0	460.7	844.6	1482.9	2313.6
30- 43	13							33.4	44.2	60.9	87.6	149.8	258.6	401.2	661.2	984.4	1146.6
43- 53	10							33.0	43.4	57.9	81.4	144.4	240.8	348.7	504.3	538.4	469.9
53	0							32.9	42.8	56.3	78.9	143.5	229.8	334.7	421.0	418.6	338.3
53- 60	7							32.7	42.3	54.6	77.1	141.8	222.9	318.0	362.8	344.8	266.6
60- 75	15							31.7	39.3	48.2	74.0	136.1	201.1	230.8	246.7	204.6	151.2
75- 100	25							27.1	29.9	41.8	80.9	113.6	126.9	142.5	130.2	91.1	64.0
100- 125	25							17.3	25.6	46.2	72.0	66.7	87.9	78.0	62.5	42.1	24.9
125- 150	25							17.3	30.0	32.7	30.7	59.7	46.9	52.5	29.6	25.4	10.5
150- 175	25							16.0	23.6	26.2	31.1	35.2	35.9	33.3	15.6	16.8	4.5
175- 200	25							11.9	13.2	14.5	29.4	29.8	29.2	21.0	11.2	11.2	2.0
200- 225	25							10.3	12.4	14.5	23.5	18.1	20.7	14.8	9.8	7.2	0.9

Table 2 (continuation)

Equivalent dose rate resulted from Nose for T= 10 y, t= 30 d

R/Z, cm	dR\dZ	1436-1438	1438-1448	1448-1473	1473-1498	1498-1508	1508-1510	1510-1560	1560-1610	1610-1660	1660-1710	1710-1760	1760-1785	1785-1810	1810-1835	1835-1850	1850-1860
								50	50	50	50	50	25	25	25	15	10
0- 5	5							21.0	29.6	43.5	68.8	121.0	201.7	330.9	638.9	1223.9	2018.1
5- 15	10							21.1	28.4	40.6	62.4	106.2	175.0	283.2	535.2	997.4	1628.0
15- 30	15							18.7	25.1	35.4	52.8	87.3	146.1	239.7	438.8	786.8	1232.1
30- 43	13							18.1	24.0	35.0	47.6	78.8	136.8	210.5	351.0	521.6	567.8
43- 53	10							17.9	23.5	33.1	43.6	75.7	126.9	186.4	270.0	274.0	223.7
53	0							17.8	23.1	32.2	41.8	74.7	121.2	180.2	221.0	212.7	160.7
53- 60	7							17.6	22.9	31.5	40.4	73.7	118.1	172.4	187.3	175.2	128.4
60- 75	15							17.1	21.3	28.6	37.8	72.7	110.5	120.8	127.0	103.6	73.6
75- 100	25							14.7	15.9	25.4	41.3	62.0	65.9	74.0	66.9	45.2	31.3
100- 125	25							10.1	15.2	25.4	38.4	34.0	46.0	39.5	32.4	20.4	12.1
125- 150	25							8.5	12.6	21.1	26.3	31.4	26.7	27.3	15.0	12.1	5.1
150- 175	25							7.1	8.1	11.1	16.0	20.4	18.7	17.4	7.6	8.0	2.2
175- 200	25							6.5	6.2	11.6	16.9	13.9	16.5	8.9	6.3	5.3	0.9
200- 225	25							5.3	5.3	7.5	13.4	12.7	12.0	3.9	3.9	3.5	0.4

Table 2 (continuation)

Equivalent dose rate resulted from Nose for T= 10 y, t= 100 d

R/Z, cm	dR\dZ	1436-1438	1438-1448	1448-1473	1473-1498	1498-1508	1508-1510	1510-1560	1560-1610	1610-1660	1660-1710	1710-1760	1760-1785	1785-1810	1810-1835	1835-1850	1850-1860
								50	50	50	50	50	25	25	25	15	10
0- 5	5							12.8	18.0	26.5	42.0	74.2	124.7	204.9	397.8	781.6	1296.7
5- 15	10							12.7	17.2	24.6	37.8	65.2	108.1	174.7	335.8	642.7	1062.5
15- 30	15							11.4	15.3	21.7	32.4	54.0	90.8	150.4	278.3	501.6	795.8
30- 43	13							11.1	14.8	20.5	29.5	48.9	86.2	132.9	223.5	332.1	358.9
43- 53	10							11.1	14.6	19.6	27.1	47.3	80.0	118.5	169.5	176.0	139.5
53	0							11.0	14.4	19.1	26.0	46.7	76.6	115.0	140.2	134.7	99.1
53- 60	7							10.9	14.3	18.5	25.0	46.4	74.8	108.8	119.5	110.7	79.1
60- 75	15							10.6	13.3	16.0	23.4	45.2	69.3	76.4	81.6	65.0	44.5
75- 100	25							9.3	9.9	14.0	24.4	38.8	41.8	47.5	42.8	28.0	18.8
100- 125	25							5.6	8.9	14.0	18.6	21.5	26.8	25.3	20.6	12.4	7.3
125- 150	25							5.2	8.7	14.0	17.2	20.4	16.7	17.5	9.5	7.4	3.1
150- 175	25							5.2	6.1	7.3	10.4	13.1	12.0	11.3	4.7	5.0	1.3
175- 200	25							5.2	4.1	6.1	9.1	9.3	8.4	5.7	3.3	3.3	0.6
200- 225	25							3.1	3.1	4.9	6.8	5.8	5.8	2.5	2.4	2.2	0.3