

GCALOR JAN03 BASELINE

particle rates in Hz/cm²

RPC
OUTER:

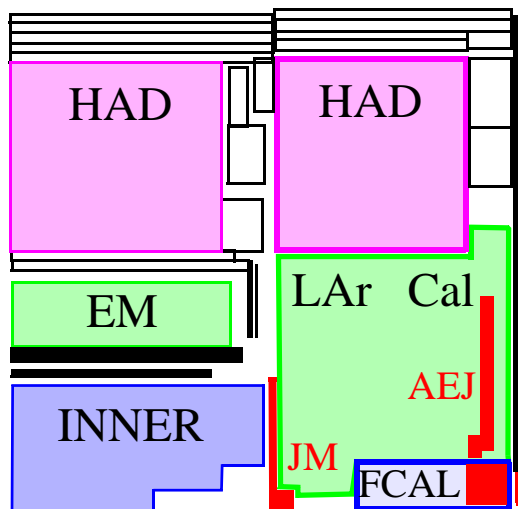
$n_1:2380$ $e:7.7$	$n_1:3581$ $e:9.9$	$n_1:3330$ $e:12$
$n_2:289$ $\mu:0.3$	$n_2:409$ $\mu:0.4$	$n_2:509$ $\mu:0.4$
$n_3:41$ $p:0.4$	$n_3:101$ $p:1.0$	$n_3:171$ $p:1.6$
$\gamma:1050$ $\pi:0$	$\gamma:1280$ $\pi:0$	$\gamma:1460$ $\pi:0$

RPC MID:

$n_1:2260$ $e:8.4$	$n_1:3140$ $e:14$
$n_2:298$ $\mu:0.4$	$n_2:547$ $\mu:0.8$
$n_3:32$ $p:0.9$	$n_3:153$ $p:3.2$
$\gamma:1030$ $\pi:0$	$\gamma:1390$ $\pi:0$

MDT IN:

$n_1:2320$ $e:11$	$n_1:2920$ $e:12$
$n_2:362$ $\mu:1.5$	$n_2:501$ $\mu:4.5$
$n_3:18$ $p:1.1$	$n_3:29$ $p:2.2$
$\gamma:980$ $\pi:0.4$	$\gamma:1200$ $\pi:0.2$



SW

OUT
MID
IN
C
S
C

$n_1:5790$	$\gamma:2400$
$n_2:1480$	$e:25$ $\mu:3.4$
$n_3:430$	$p:8.3$ $\pi:0.4$

$n_1:11940$	$\gamma:5400$
$n_2:4000$	$e:51$ $\mu:6.7$
$n_3:860$	$p:12$ $\pi:0.4$

$n_1:23800$	$\gamma:11200$
$n_2:8450$	$e:96$ $\mu:20$
$n_3:7450$	$p:23$ $\pi:2.0$

$n_1:47400$	$\gamma:24500$
$n_2:24050$	$e:200$ $\mu:118$
$n_3:7450$	$p:64$ $\pi:8.3$

LW MDT

OUT
MID
IN

$n_1:2940$	$\gamma:1700$	$e:13$
$n_2:300$	$\mu:0.9$	$p:4.9$
$n_3:200$	$\pi:0.1$	

$n_1:3230$	$\gamma:4400$	$e:18$
$n_2:460$	$\mu:3.0$	$p:10$
$n_3:350$	$\pi:0$	

$n_1:2140$	$\gamma:11300$	$e:24$
$n_2:480$	$\mu:8.7$	$p:11$
$n_3:440$	$\pi:0.1$	

JForward

JNose

JDisk

JToroid

TAS

QUAD

Beamline

n_1 :neutrons $E < 0.1$ MeV
 n_2 :neutrons $0.1 < E < 10$ MeV
 n_3 :neutrons $E > 10$ MeV
 γ :photons
 e :electrons $E > 0.01$ MeV
 μ :muons $E > 10$ MeV
 p :protons $E > 10$ MeV
 π :pions $E > 10$ MeV

BW MDT

OUT
MID
IN

$n_1:1330$	$\gamma:840$	$e:5.0$
$n_2:351$	$\mu:0.5$	$p:0.9$
$n_3:49$	$\pi:0$	

$n_1:1550$	$\gamma:1150$	$e:7.8$
$n_2:400$	$\mu:1.2$	$p:1.4$
$n_3:60$	$\pi:0$	

$n_1:2030$	$\gamma:1460$	$e:8.9$
$n_2:573$	$\mu:3.0$	$p:0.9$
$n_3:67$	$\pi:0$	