

Change in particle flux: The nose shield has the standard size
 The nose shield has reduced large washers

G

th.n: 4.0kHz +0%
 hi.n: 723 Hz -1%
 had: 167 Hz +2%
 c.r.: 24 Hz -1%
 p.r.: 4.6 Hz -1%

th.n. = thermal neutron rate (neutrons < 100 keV)
 hi.n. = high energy neutron rate (neutrons > 100 keV)
 had = charged and neutral hadron rate > 20 MeV
 c.r. = counting rate
 $= 0.0005n + 0.0117 \gamma + (\mu + p + \pi + 0.25e) / 2$
 p.r. = penetrating particle rate
 $= 0.1 \cdot 0.0117 \gamma + (\mu + p + \pi + 0.25e) / 2$

F

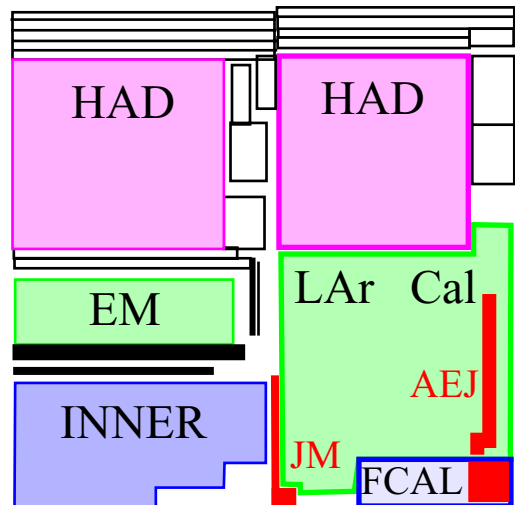
th.n: 3.7kHz -0%
 hi.n: 776 Hz +1%
 had: 147 Hz -1%
 c.r.: 24 Hz +3%
 p.r.: 5.7Hz +18%

Forward Toroid

th.n: 28 kHz +1%
 hi.n: 11 kHz -3%
 had: 1.5kHz -3%
 c.r.: 173 Hz -3%
 p.r.: 44 Hz -7%

th.n: 4.1kHz -1%
 hi.n: 1.0kHz -1%
 had: 388 Hz -1%
 c.r.: 65 Hz -1%
 p.r.: 14.2Hz -2%

th.n: 2.1kHz +5%
 hi.n: 643 Hz +19%
 had: 38 Hz +28%
 c.r.: 20 Hz +6%
 p.r.: 4.5 Hz +2%



A
 B
 C
 D
 E

th.n: 40 kHz -1%
 hi.n: 31 kHz -3%
 had: 7.4kHz -1%
 c.r.: 434 Hz +2%
 p.r.: 153Hz +7%

th.n: 3.3kHz -3%
 hi.n: 1.3kHz +0%
 had: 541 Hz +3%
 c.r.: 152 Hz -1%
 p.r.: 26.3Hz -5%