

Change in particle flux: Old conical JF shield
New octogonal JF shield

G

F

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
 $= 0.1 + 0.0117 \gamma + (\mu + p + \pi + 0.25e) / 2$

