

## SNS Vacuum Levels

<u>Position</u>	<u>Vacuum (torr)</u>	<u>Comment</u>
MEBT	$2.5 \times 10^{-7}$	H <sup>-</sup> stripping driven
RFQ	$5 \times 10^{-7}$	H <sup>-</sup> stripping driven
DTL	$9 \times 10^{-8}$	H <sup>-</sup> stripping driven
CCL	$5 \times 10^{-8}$	H <sup>-</sup> stripping driven
SCL	$1 \times 10^{-9}$	Estimate for the warm sections. Cryomodule vacuum is much better.
HEBT	$5 \times 10^{-8}$	
Ring	$1 \times 10^{-8}$	Minimize e source for e-p instability concerns
RTBT	$1 \times 10^{-7}$	Using ion pumps for reliability, instead of mechanical pumps