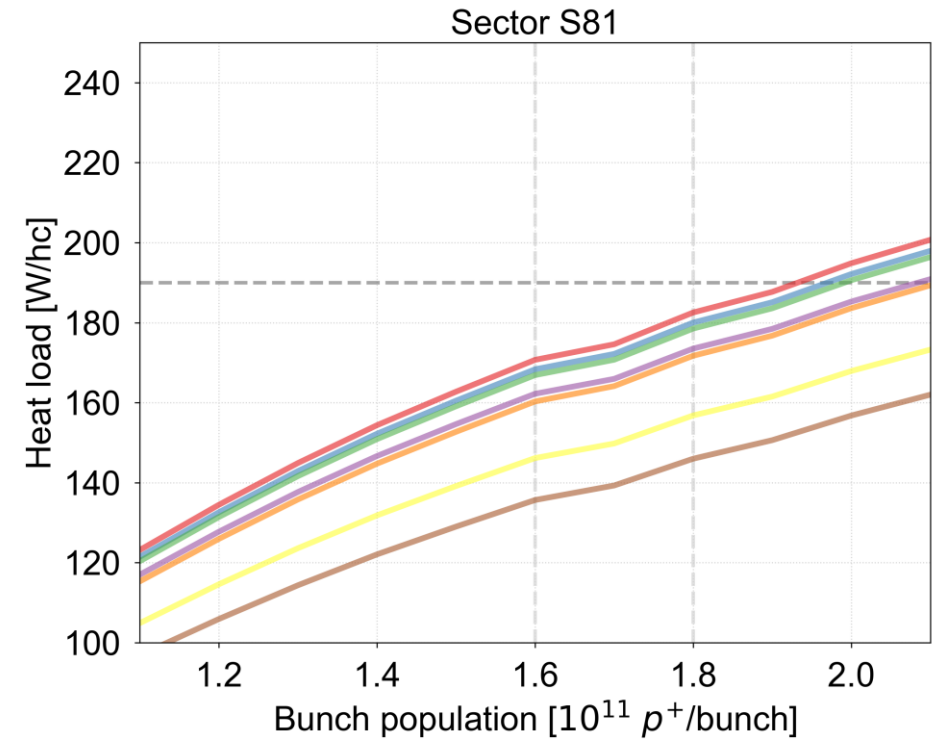
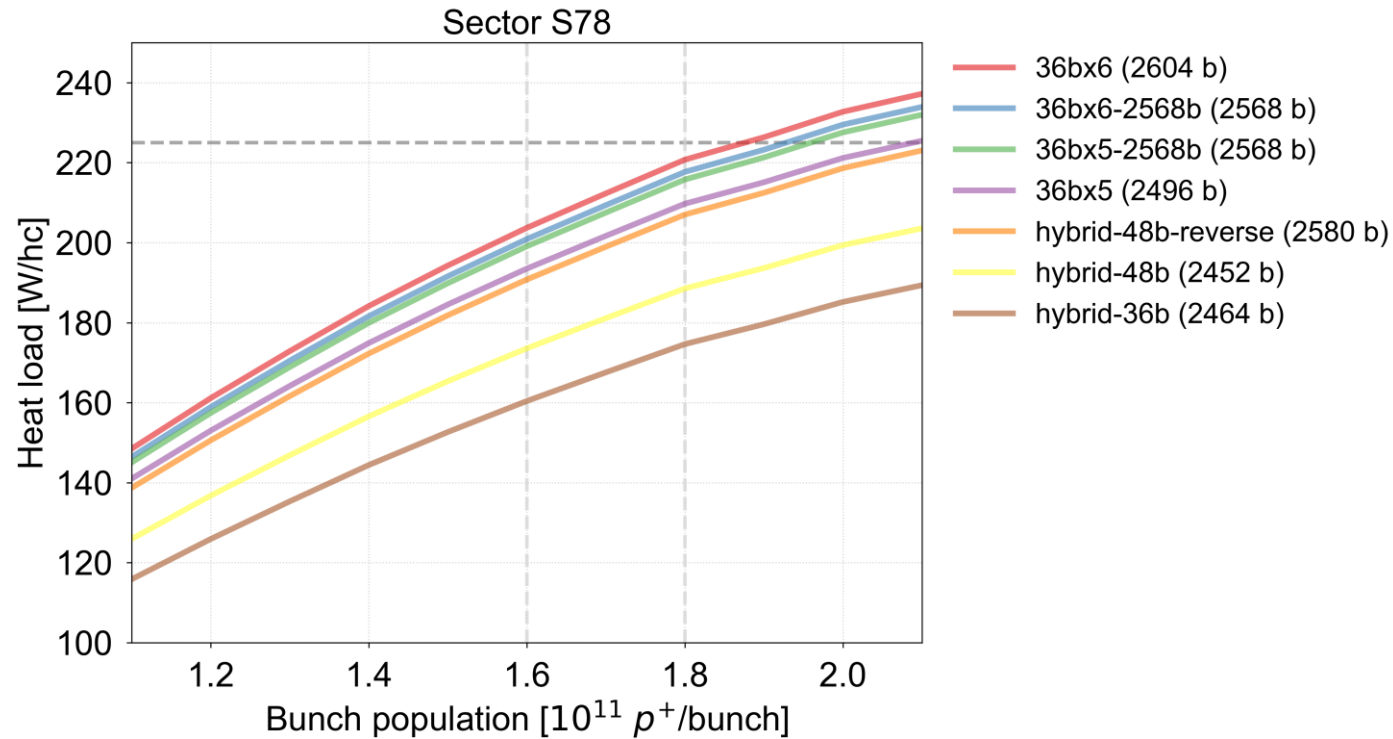


2024 filling schemes

- Heat load comparison for possible 2024 filling schemes



2024 filling schemes

Heat load [W/hc]

	N _b	Collisions			1.6e11 p/b		1.8e11 p/b		
		IP1/5	IP2	IP8	S78	S81	S78	S81	
<u>6x36b</u>	2604	2592	2097	2095	204 (-21)	171 (-19)	221 (-4)	183 (-7)	
<u>6x36b</u>	2568	2556	2132	2090	201 (-24)	168 (-22)	218 (-7)	180 (-10)	
<u>5x36b</u>	2568	2556	1878	1848	199 (-26)	167 (-23)	216 (-9)	179 (-11)	
<u>5x36b</u>	2496	2484	2121	2260	194 (-31)	162 (-28)	210 (-15)	173 (-17)	IP8 optimised
<u>Hybrid-48b-reverse</u>	2580	2568	1913	1956	191 (-34)	160 (-30)	207 (-18)	172 (-18)	<i>To be tested</i>
<u>Hybrid-48b</u>	2452	2440	1952	2240	174 (-54)	146 (-44)	189 (-36)	157 (-33)	IP8 optimised
<u>Hybrid-36b</u>	2464	2452	1889	2067	160 (-65)	136 (-54)	175 (-50)	146 (-44)	2023