

	<b>MARIOS calculation (MACROS)</b>			
	Pin #1	Pin #2	Pin #3	Pin #4
<b>Power density at EOI (W/cc)</b>	~ 360			~ 325
<b>Burn-up at EOI (at%)</b>	~ 1.15	~ 1.5	~ 1.5	~ 1.05
<b>Temperature (°C)</b>	~ 900	~ 1250	~ 1100	~ 900
<b>Xe Release at EOI (%)</b>	~ 20	~ 80	~ 35	~ 18
<b>Helium Release at EOI (%)</b>	~ 80	~ 95	~ 95	~ 75

Table 11 : Results fuel modelling for the MARIOS irradiation with the MACROS code