Results of All Performed ATF Irradiation Simulations

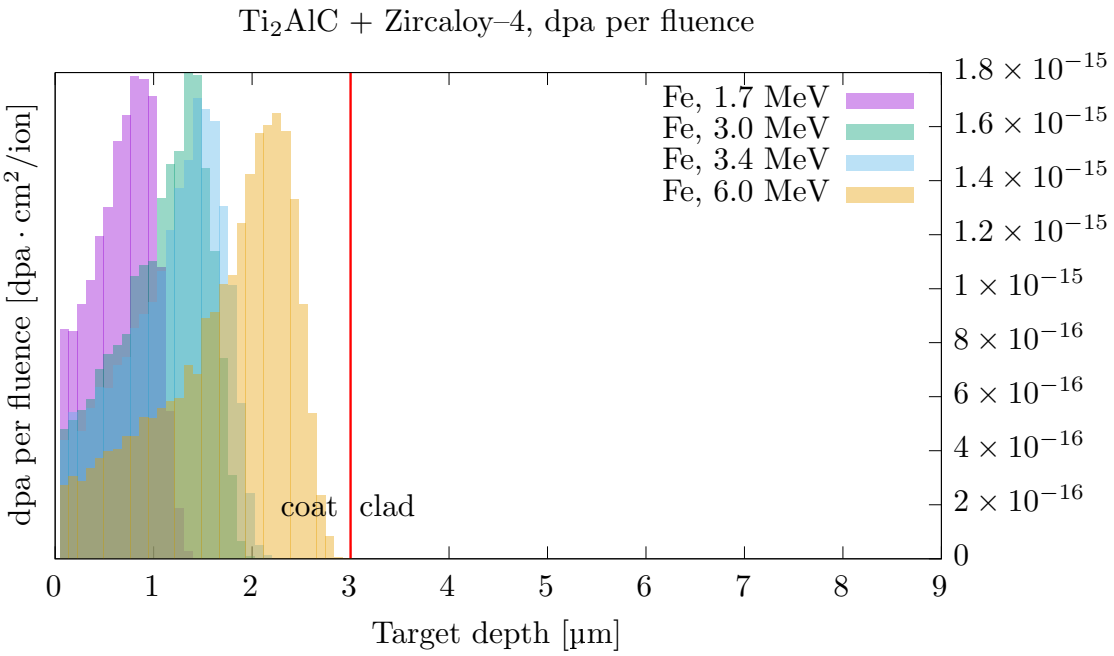

Figure 1: DPA production by Fe ion irradiation of Ti_2AlC coating deposited on Zircaloy–4 cladding.

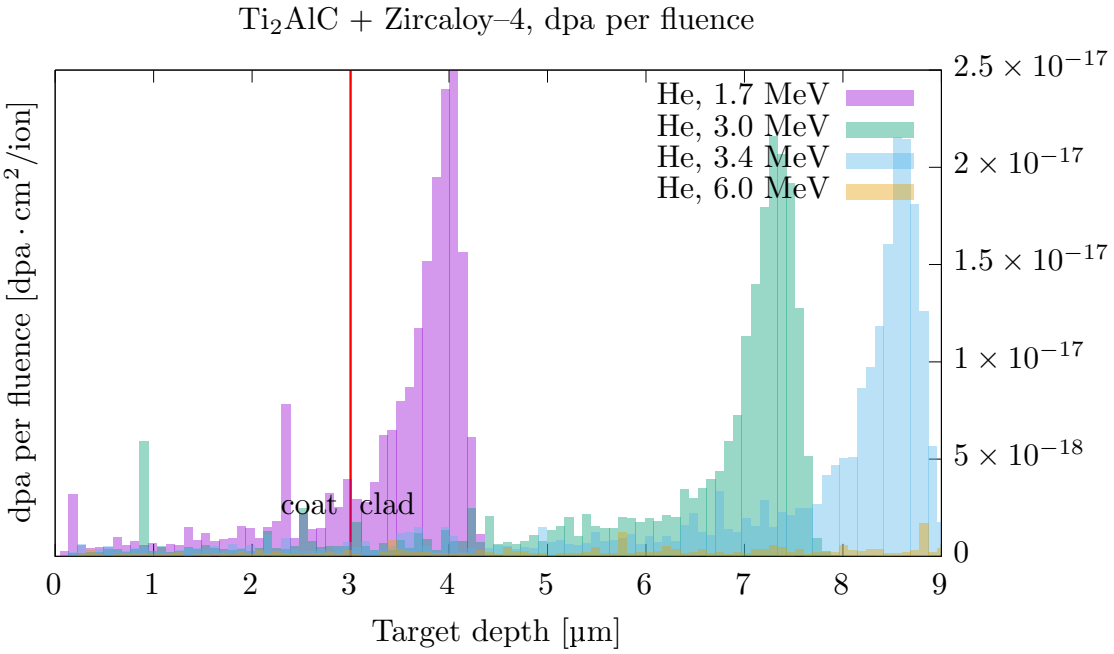

Figure 2: DPA production by He ion irradiation of Ti_2AlC coating deposited on Zircaloy–4 cladding.

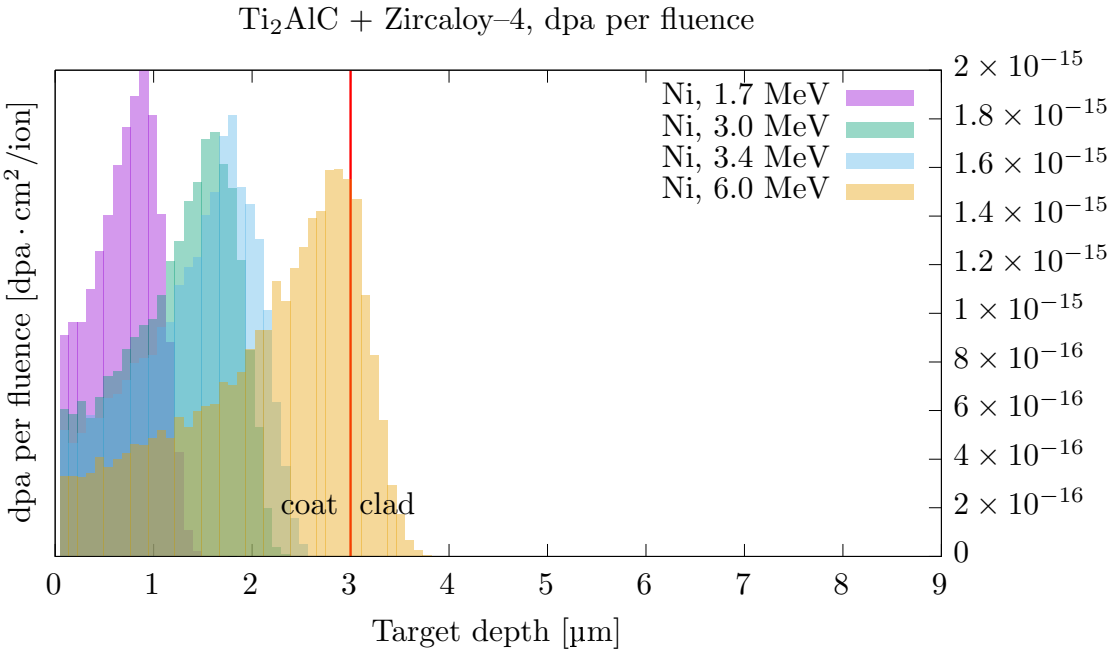

Figure 3: DPA production by Ni ion irradiation of Ti_2AlC coating deposited on Zircaloy–4 cladding.

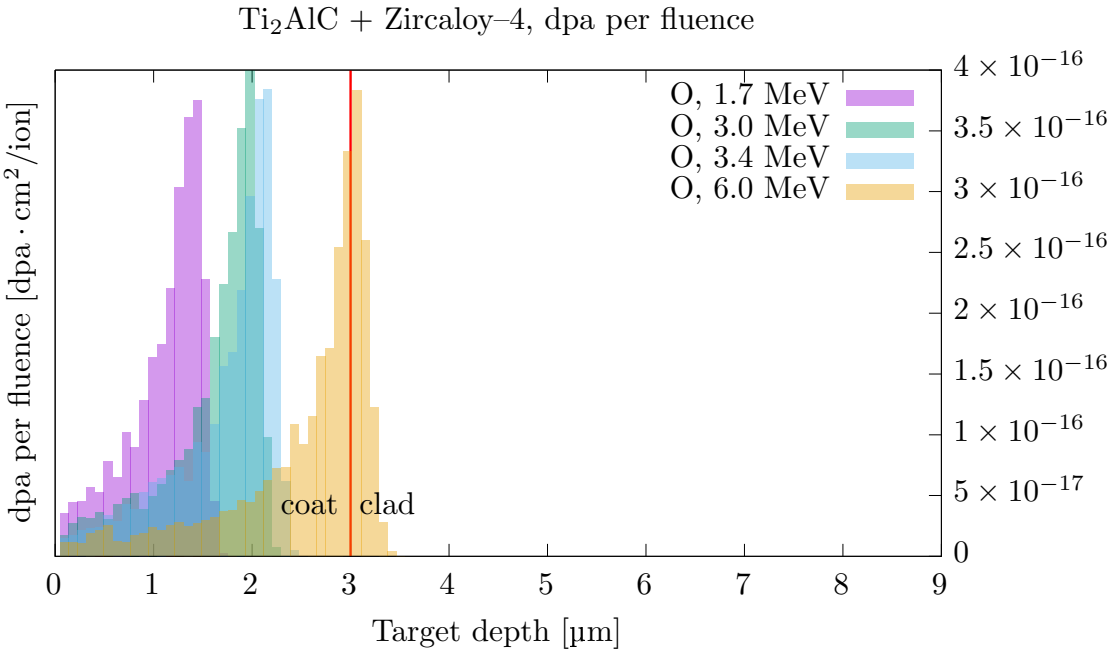

Figure 4: DPA production by O ion irradiation of Ti_2AlC coating deposited on Zircaloy–4 cladding.

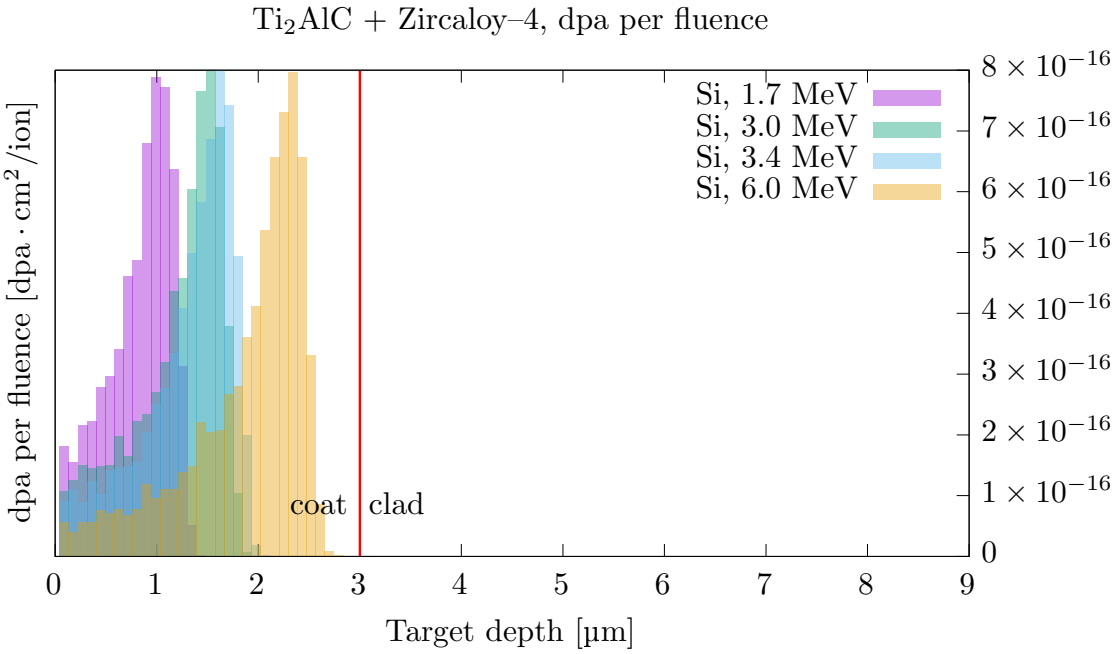

Figure 5: DPA production by Si ion irradiation of Ti_2AlC coating deposited on Zircaloy–4 cladding.

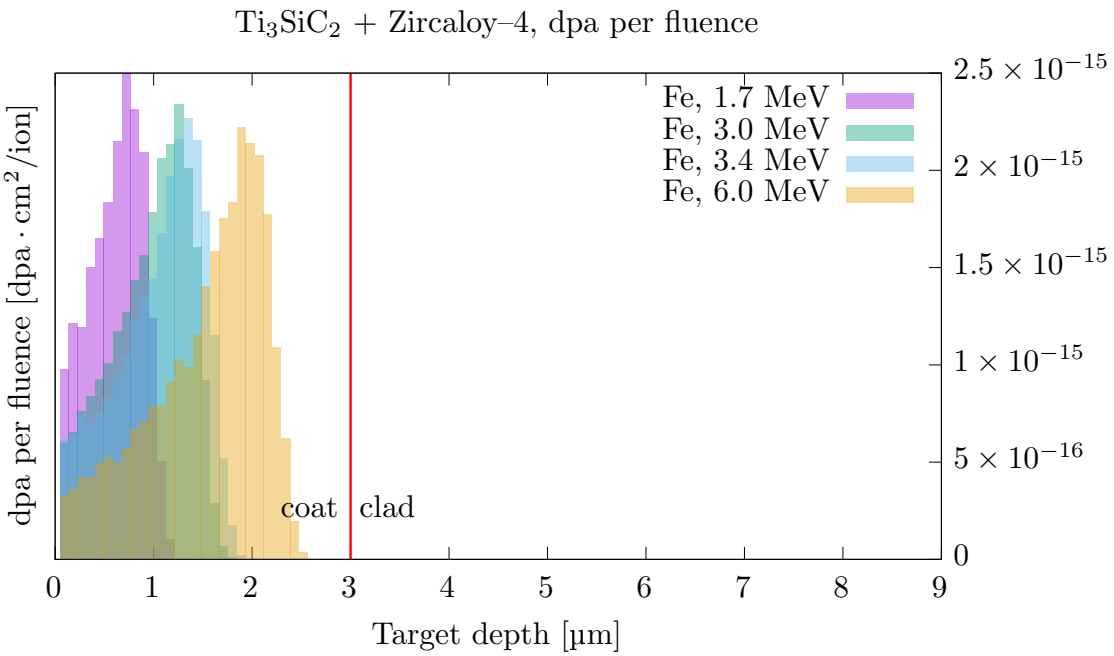

Figure 6: DPA production by Fe ion irradiation of Ti_3SiC_2 coating deposited on Zircaloy–4 cladding.

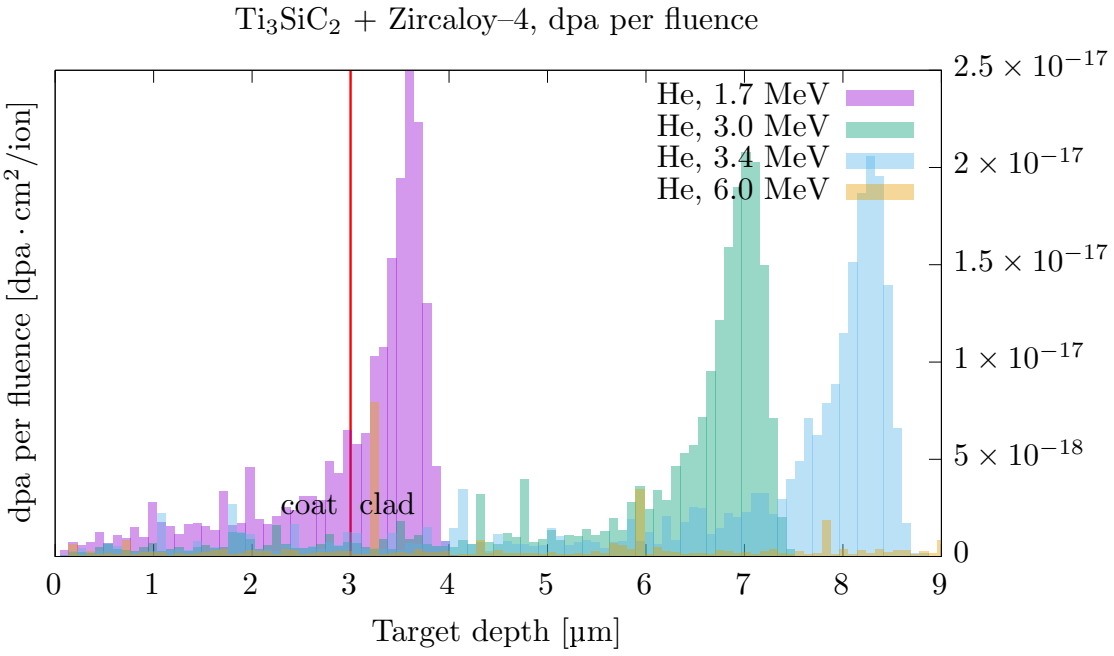

Figure 7: DPA production by He ion irradiation of Ti_3SiC_2 coating deposited on Zircaloy–4 cladding.

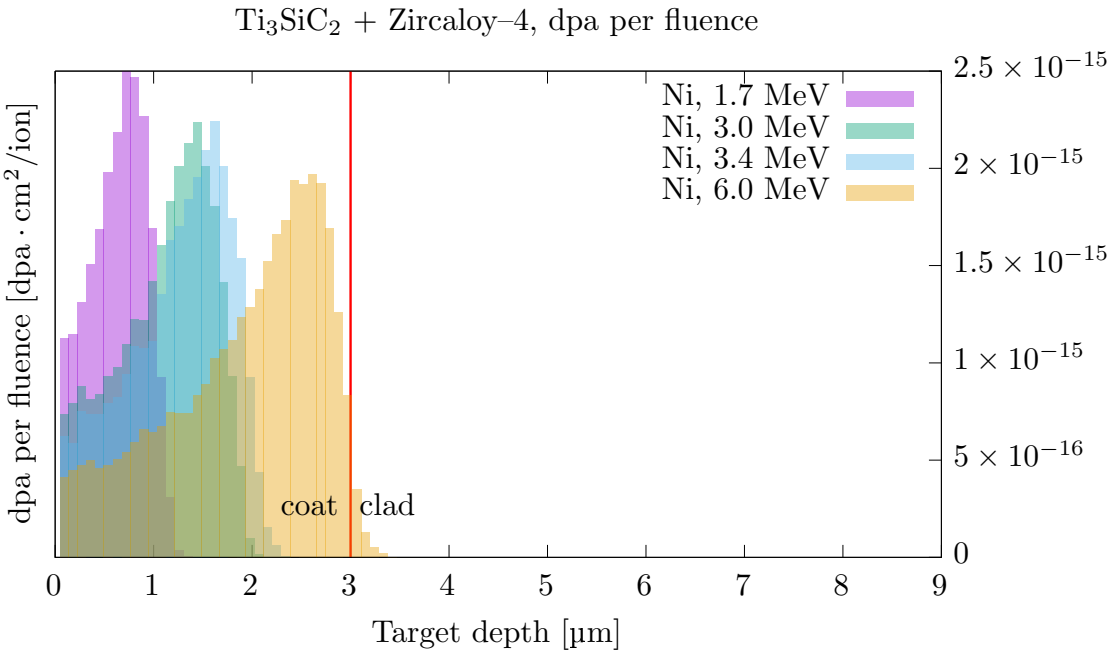

Figure 8: DPA production by Ni ion irradiation of Ti_3SiC_2 coating deposited on Zircaloy–4 cladding.

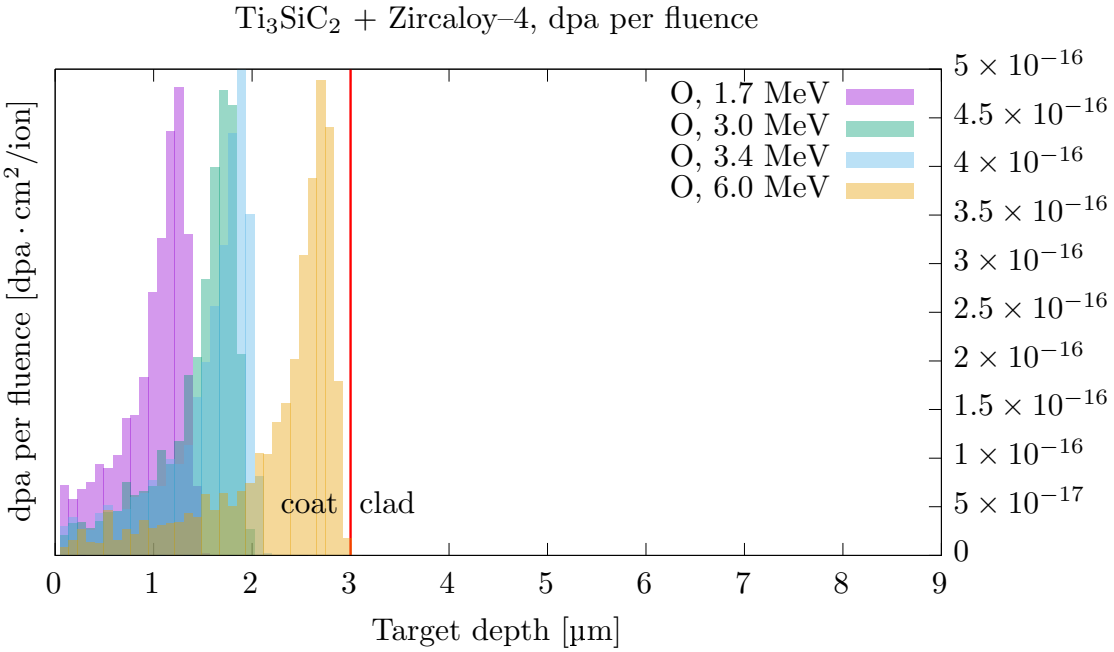

Figure 9: DPA production by O ion irradiation of Ti_3SiC_2 coating deposited on Zircaloy–4 cladding.

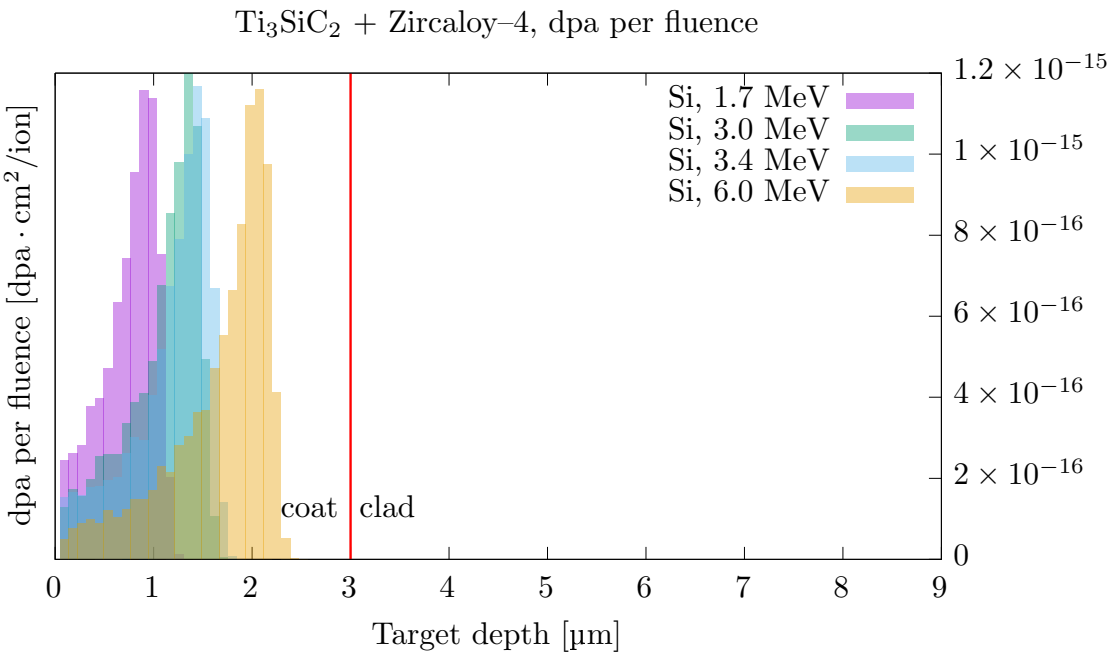

Figure 10: DPA production by Si ion irradiation of Ti_3SiC_2 coating deposited on Zircaloy–4 cladding.

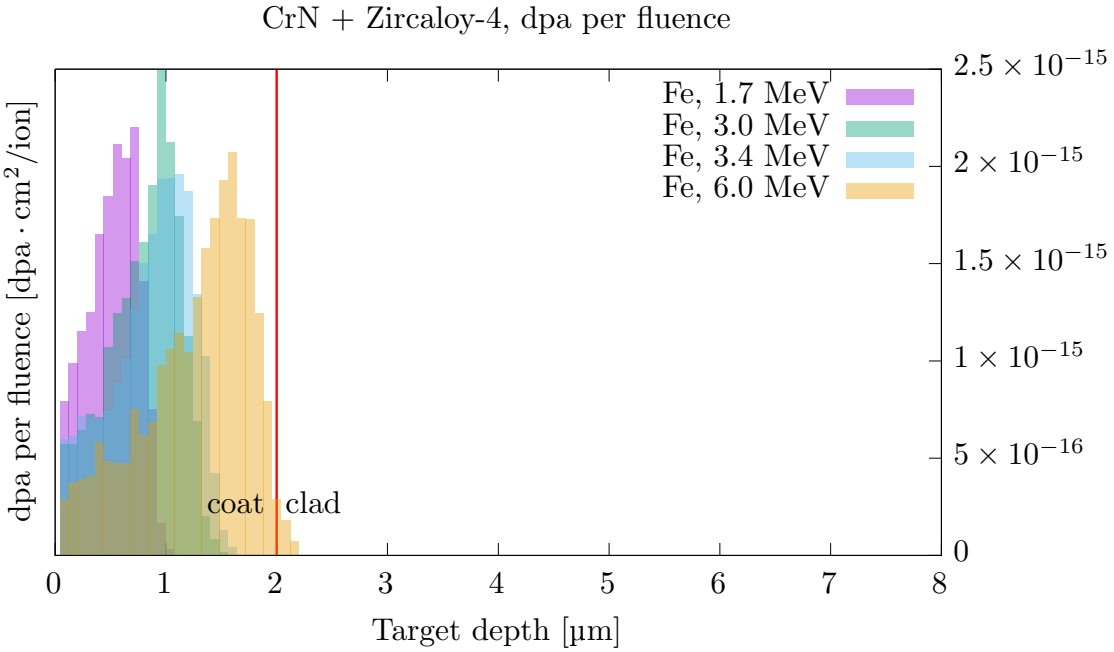

Figure 11: DPA production by Fe ion irradiation of CrN coating deposited on Zircaloy-4 cladding.

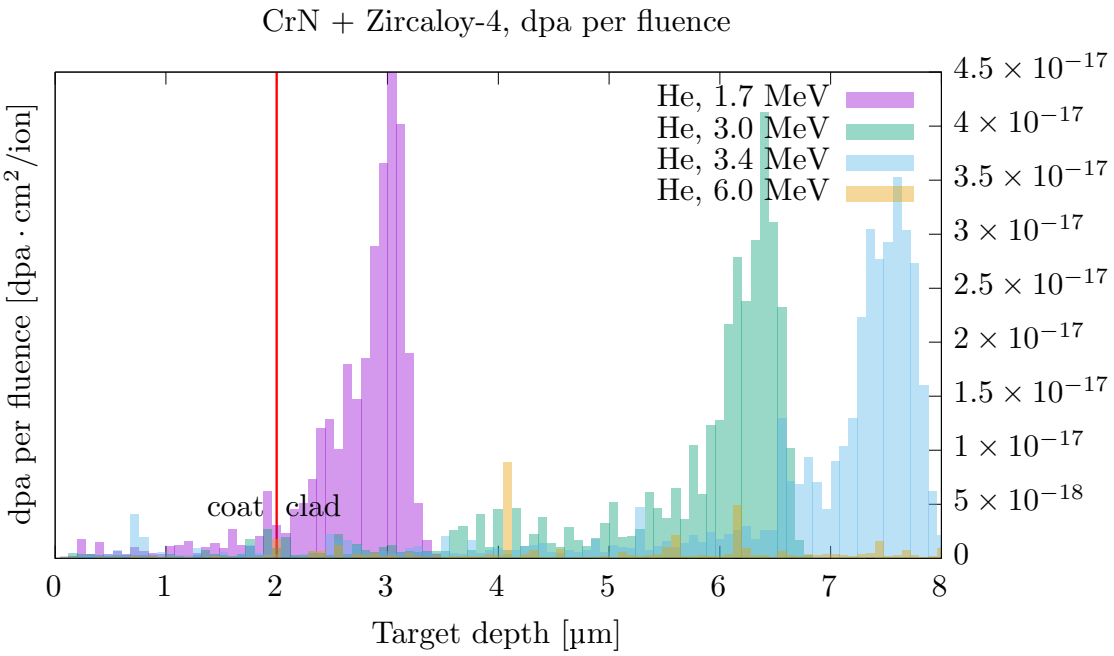

Figure 12: DPA production by He ion irradiation of CrN coating deposited on Zircaloy-4 cladding.

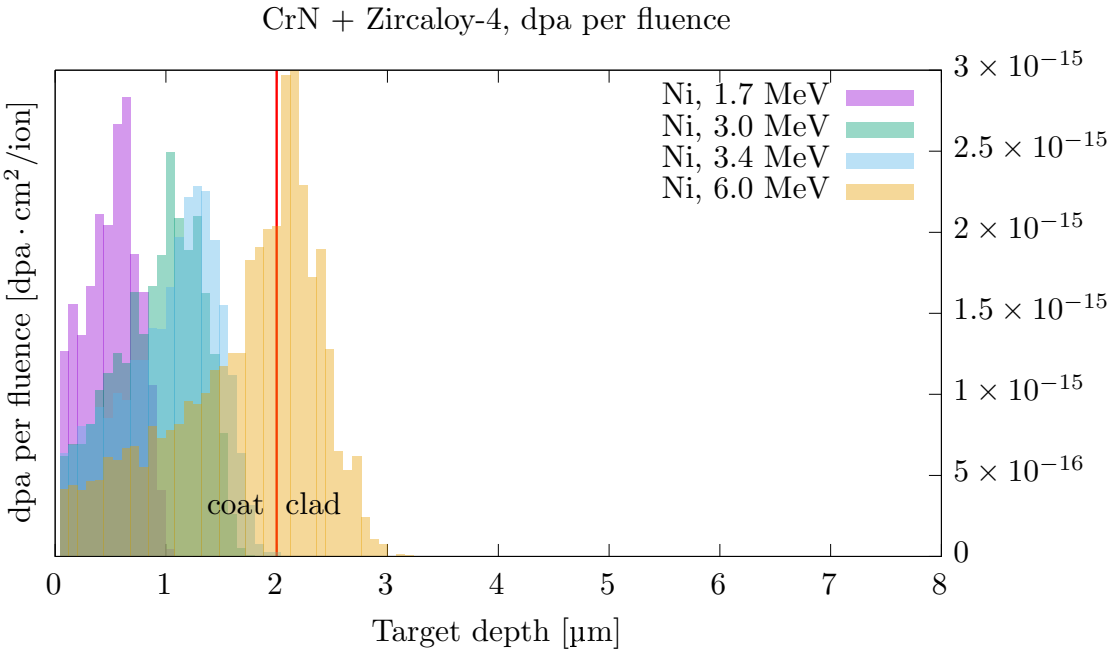

Figure 13: DPA production by Ni ion irradiation of CrN coating deposited on Zircaloy-4 cladding.

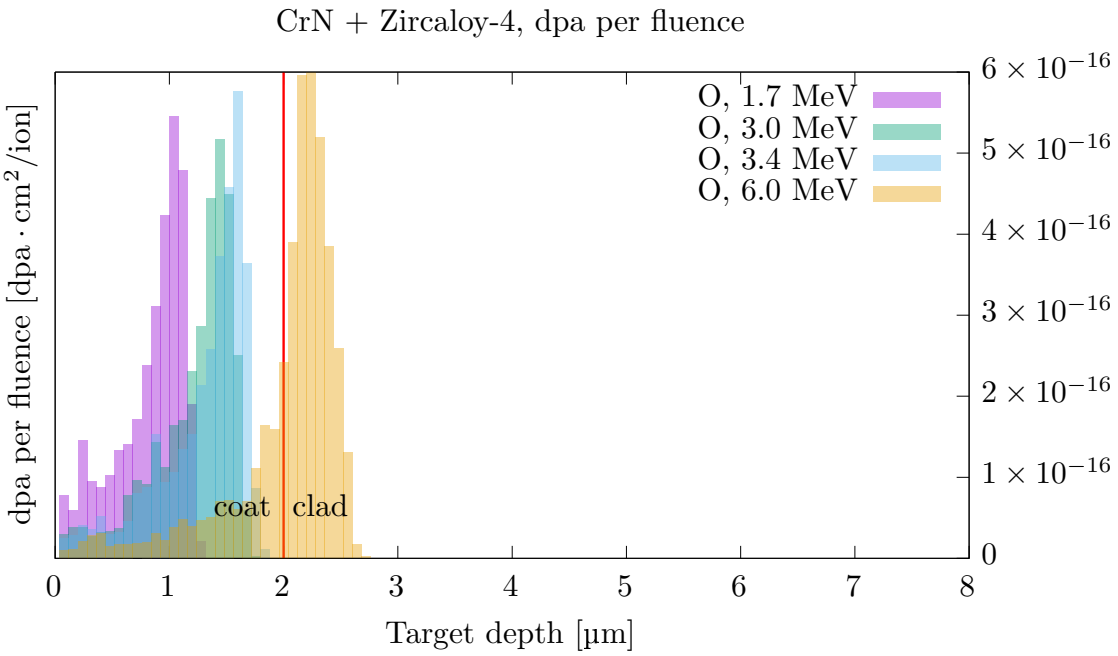

Figure 14: DPA production by O ion irradiation of CrN coating deposited on Zircaloy-4 cladding.

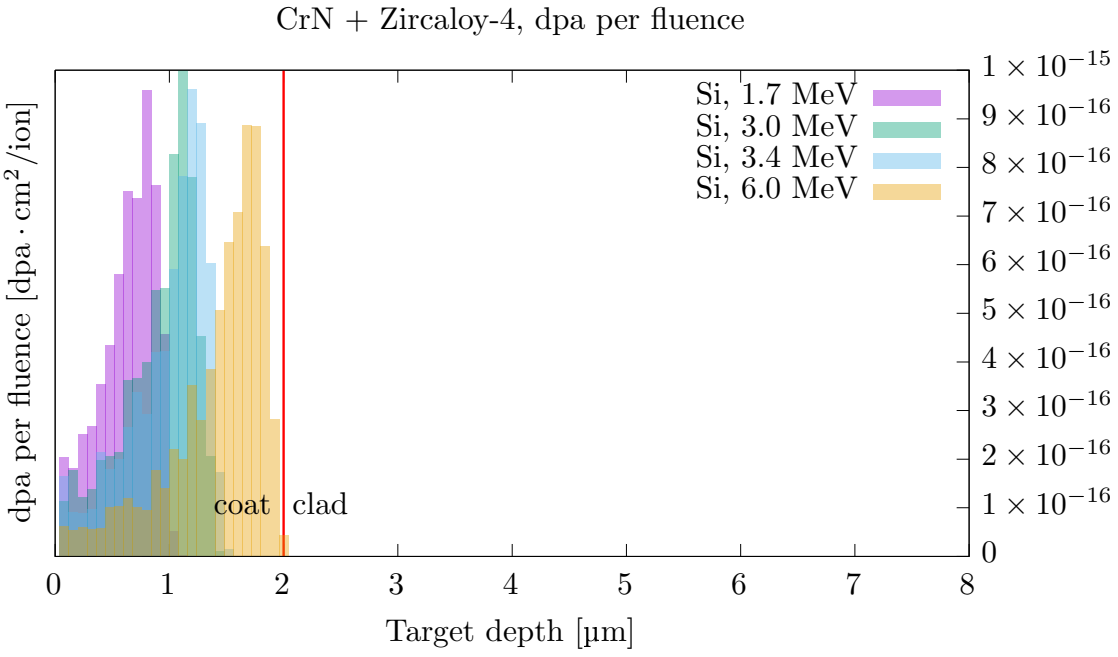

Figure 15: DPA production by Si ion irradiation of CrN coating deposited on Zircaloy-4 cladding.

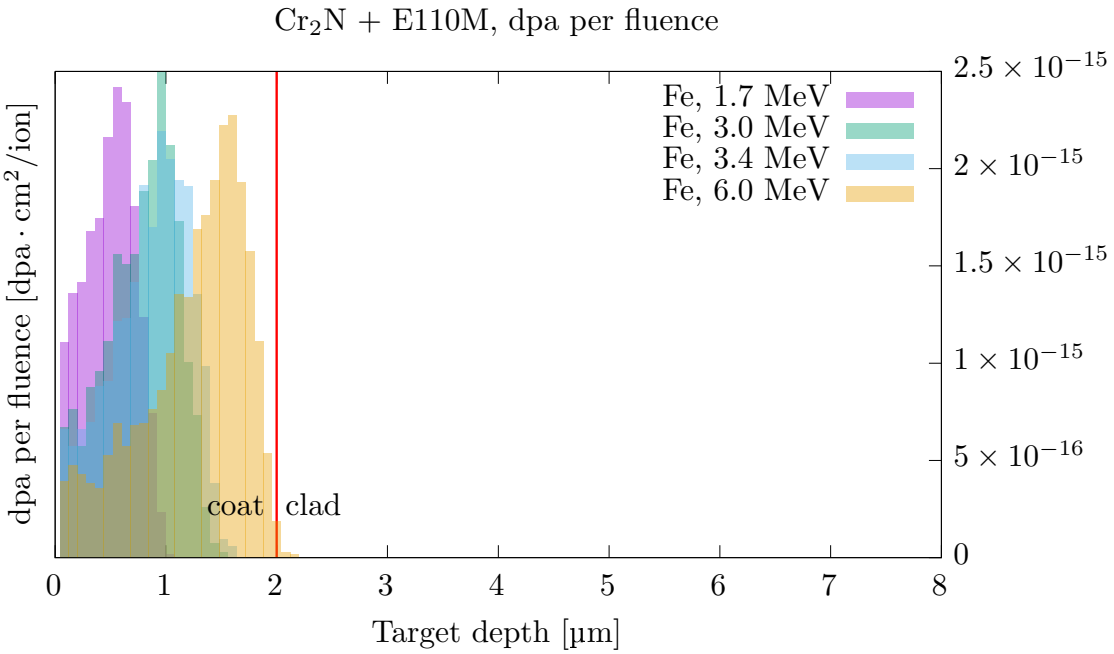

Figure 16: DPA production by Fe ion irradiation of Cr_2N coating deposited on E110M cladding.

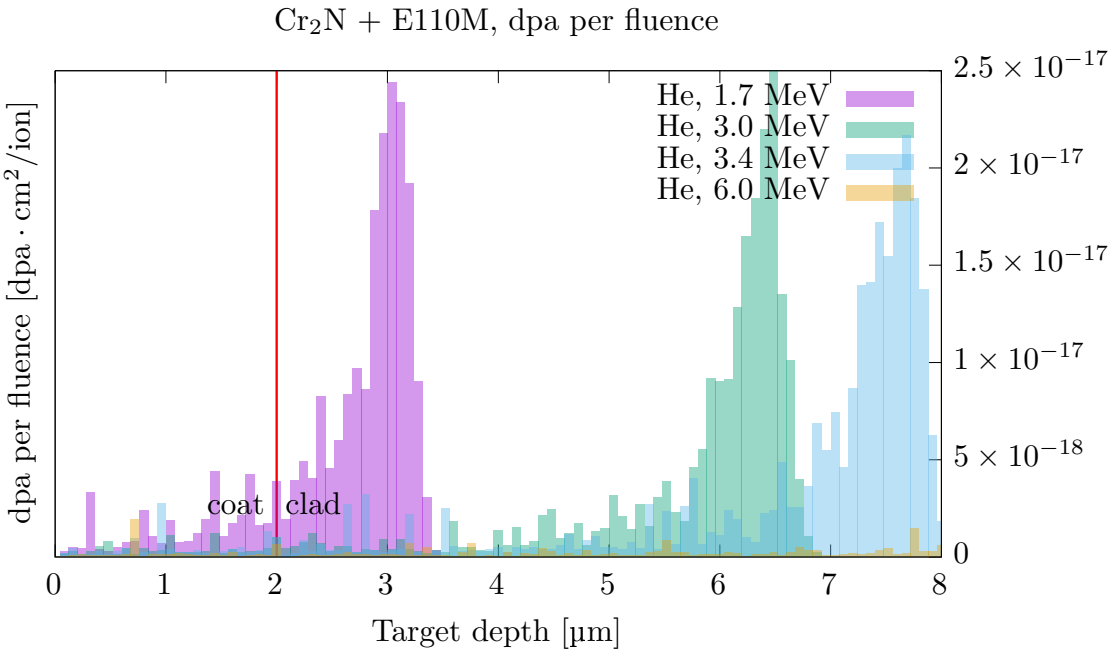

Figure 17: DPA production by He ion irradiation of Cr_2N coating deposited on E110M cladding.

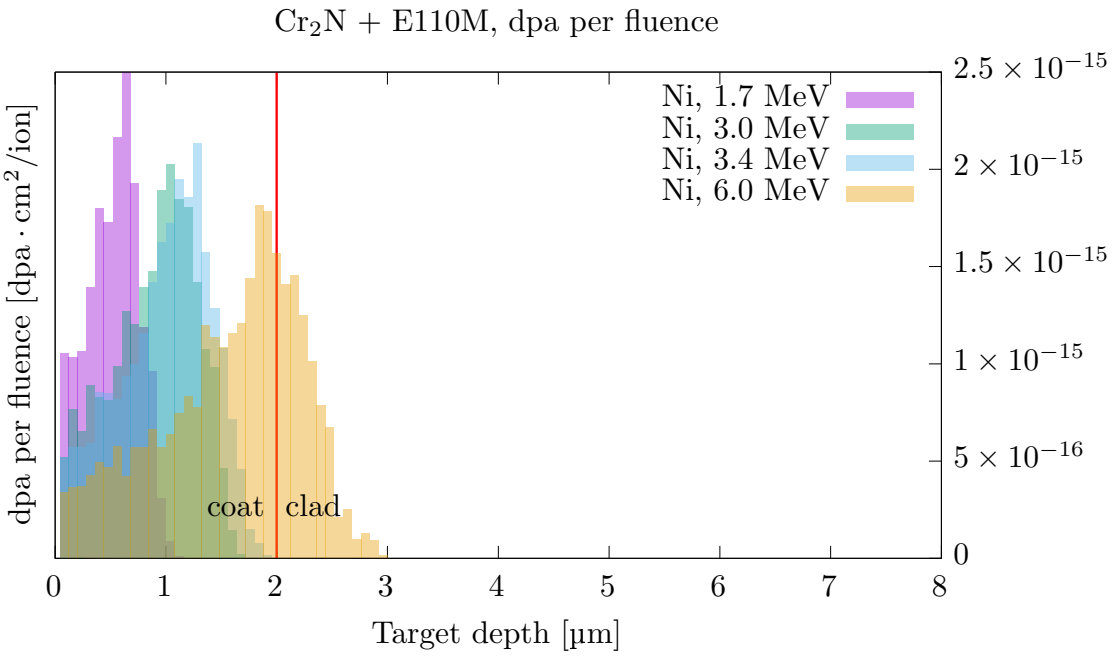

Figure 18: DPA production by Ni ion irradiation of Cr_2N coating deposited on E110M cladding.

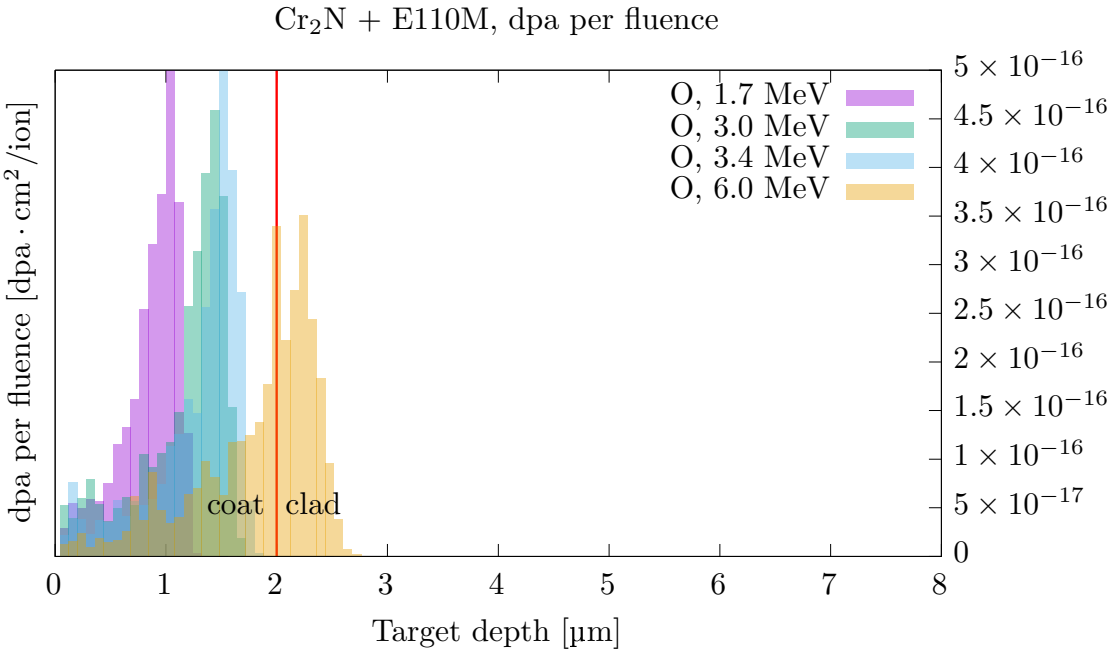

Figure 19: DPA production by O ion irradiation of Cr_2N coating deposited on E110M cladding.

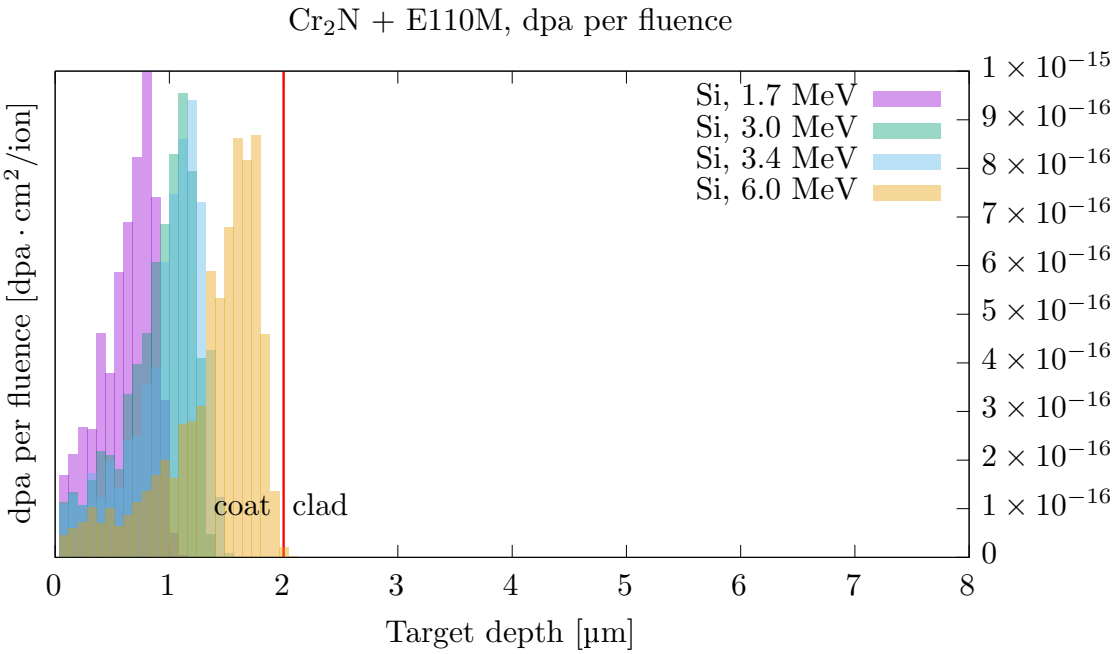

Figure 20: DPA production by Si ion irradiation of Cr_2N coating deposited on E110M cladding.

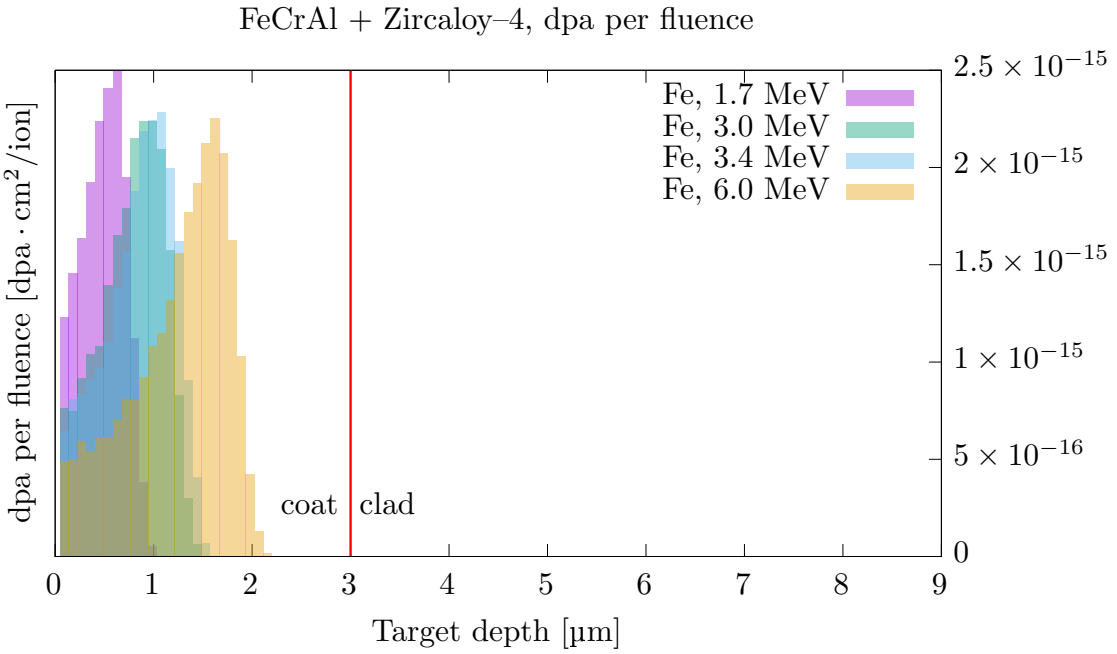

Figure 21: DPA production by Fe ion irradiation of FeCrAl coating deposited on Zircaloy–4 cladding.

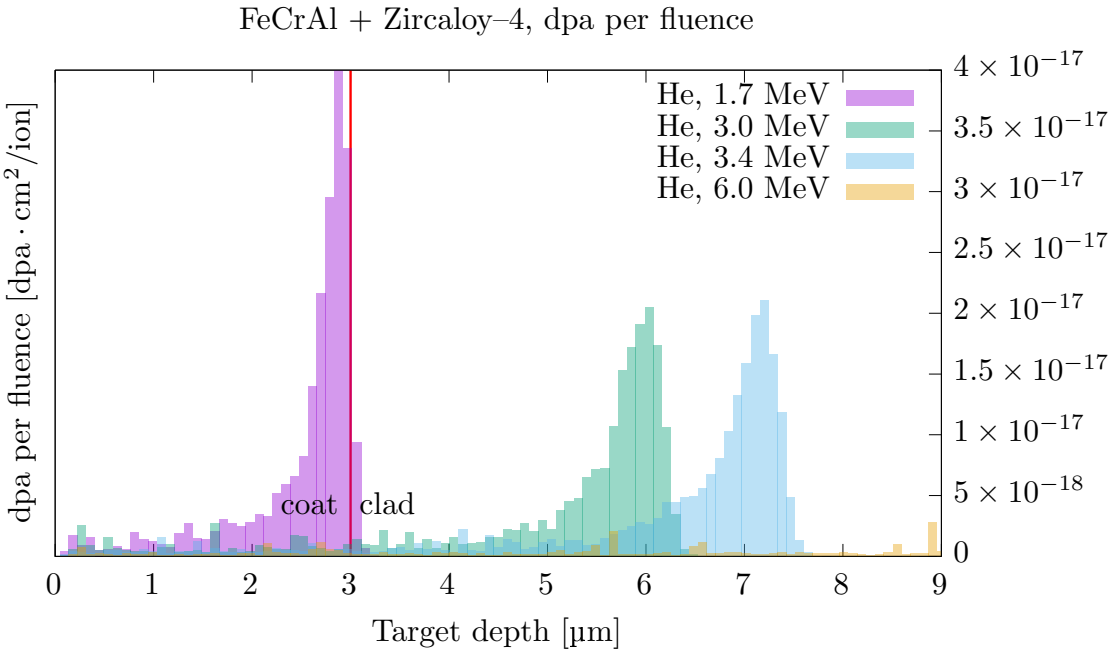

Figure 22: DPA production by He ion irradiation of FeCrAl coating deposited on Zircaloy–4 cladding.

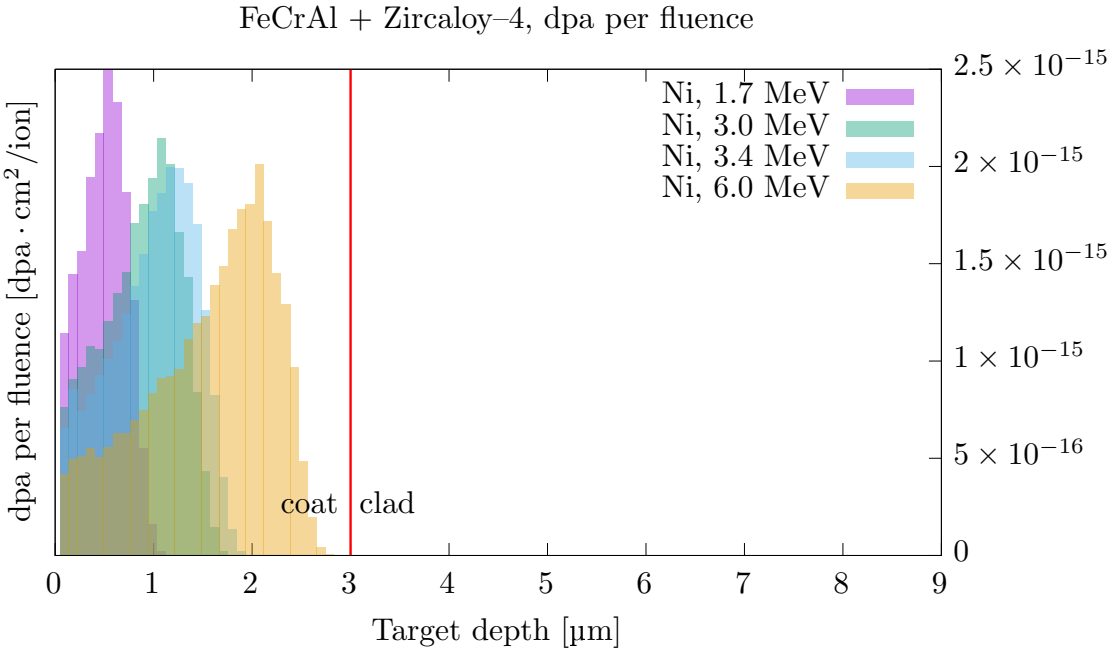

Figure 23: DPA production by Ni ion irradiation of FeCrAl coating deposited on Zircaloy–4 cladding.

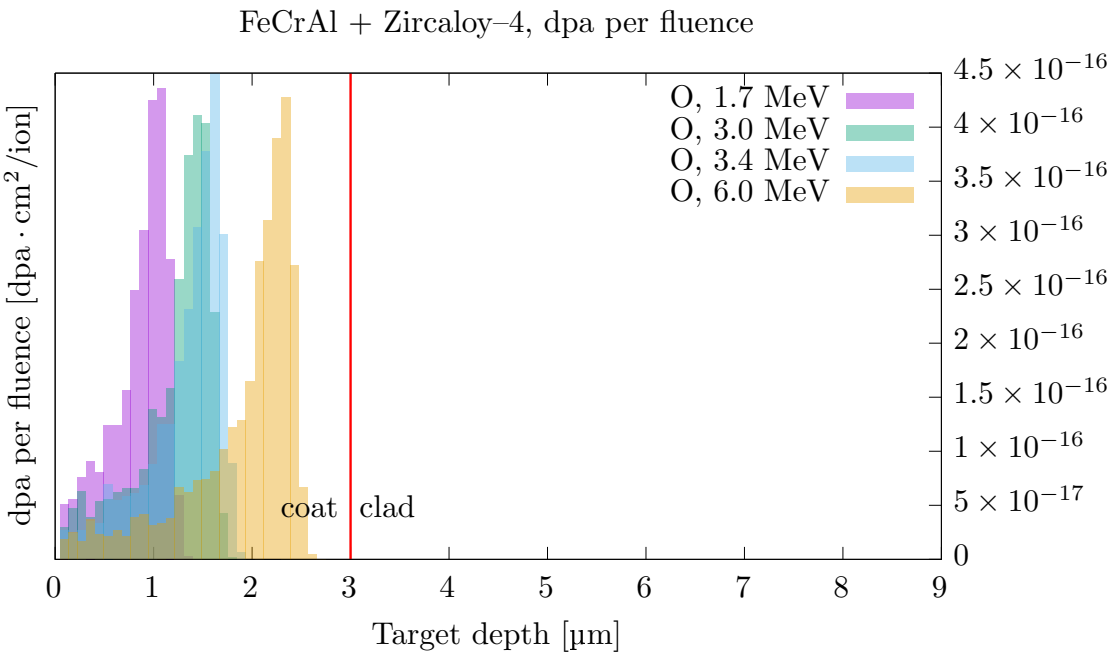

Figure 24: DPA production by O ion irradiation of FeCrAl coating deposited on Zircaloy–4 cladding.

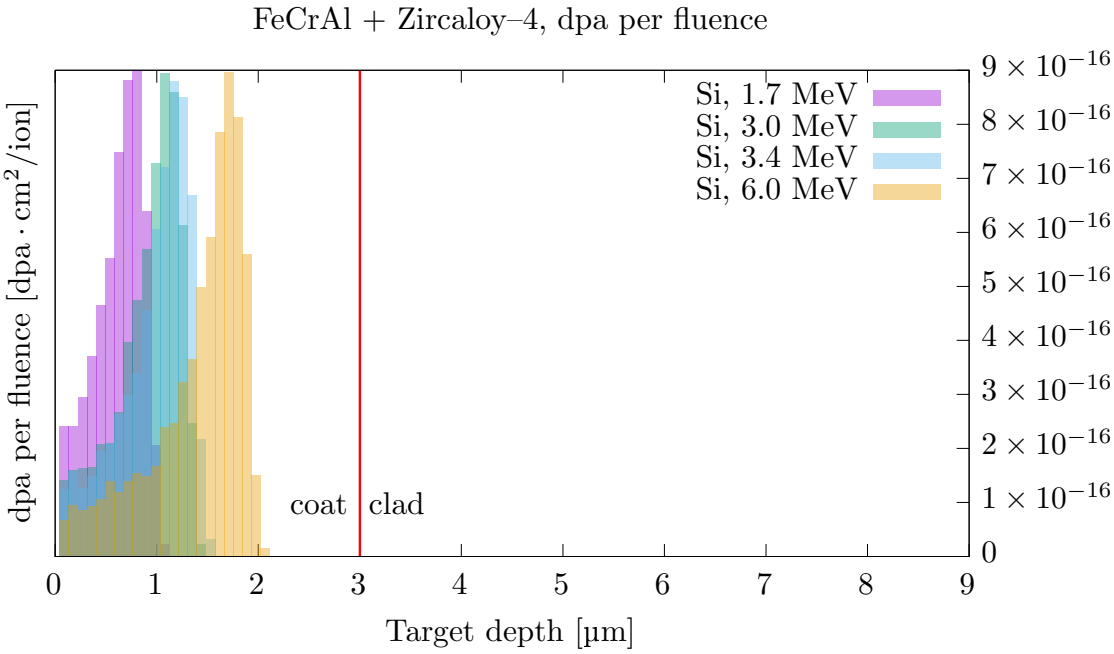

Figure 25: DPA production by Si ion irradiation of FeCrAl coating deposited on Zircaloy–4 cladding.

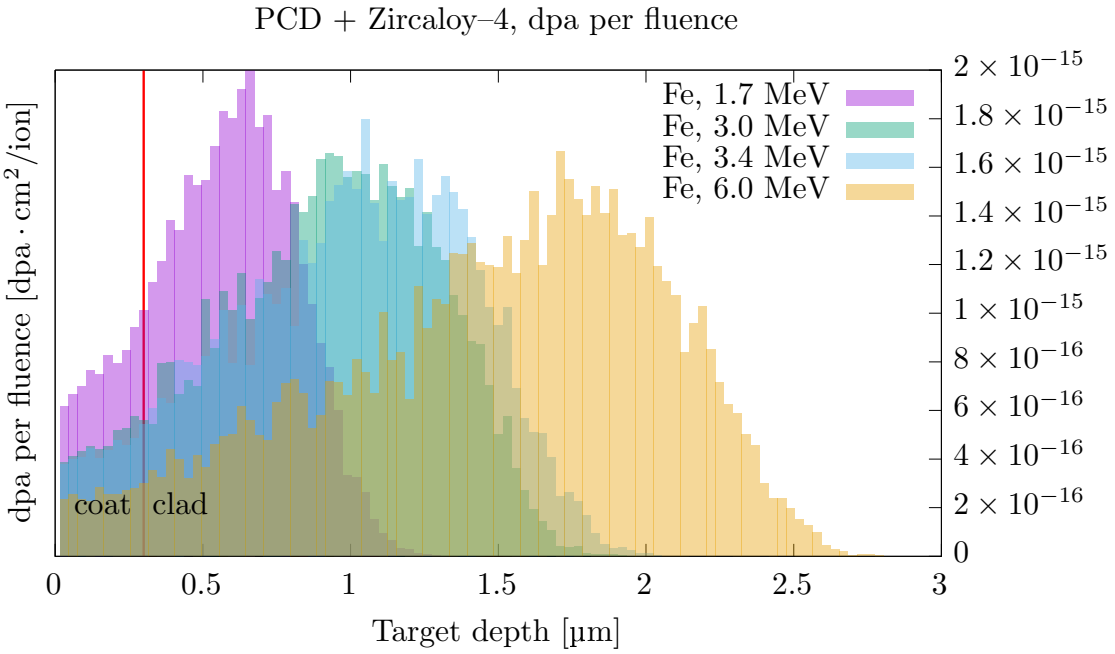

Figure 26: DPA production by Fe ion irradiation of PCD coating deposited on Zircaloy–4 cladding.

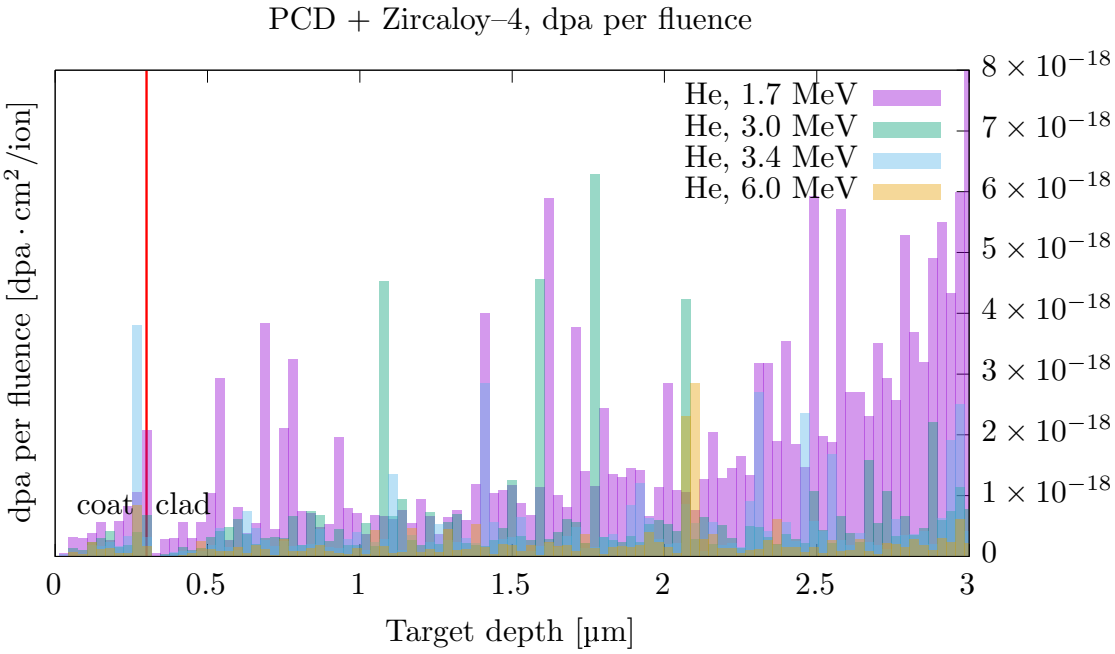

Figure 27: DPA production by He ion irradiation of PCD coating deposited on Zircaloy–4 cladding.

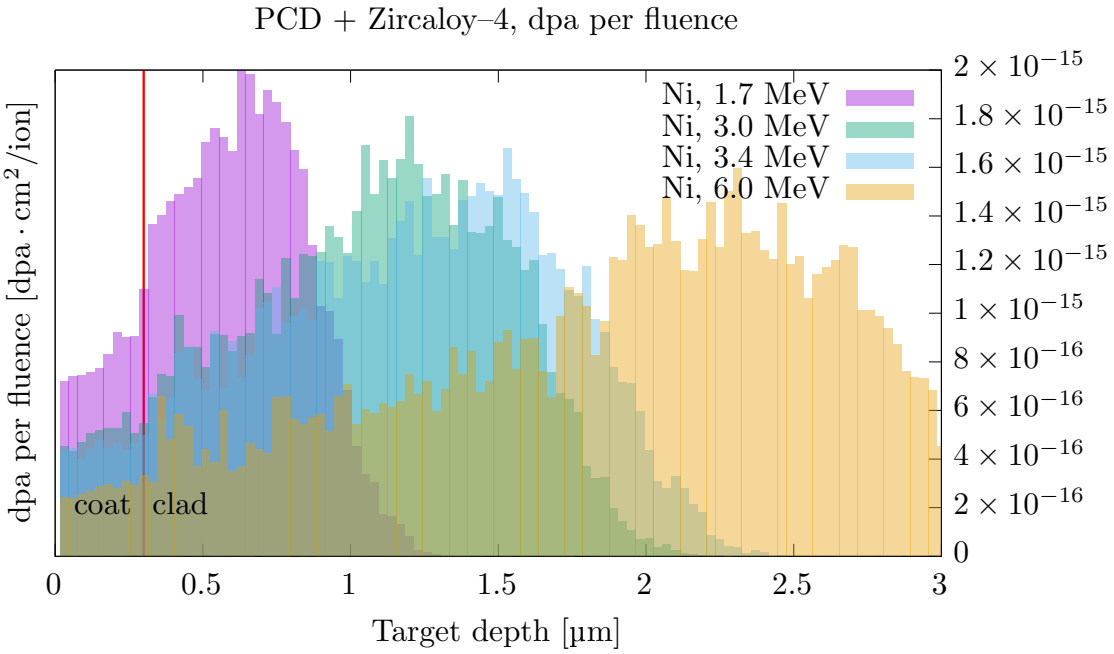

Figure 28: DPA production by Ni ion irradiation of PCD coating deposited on Zircaloy–4 cladding.

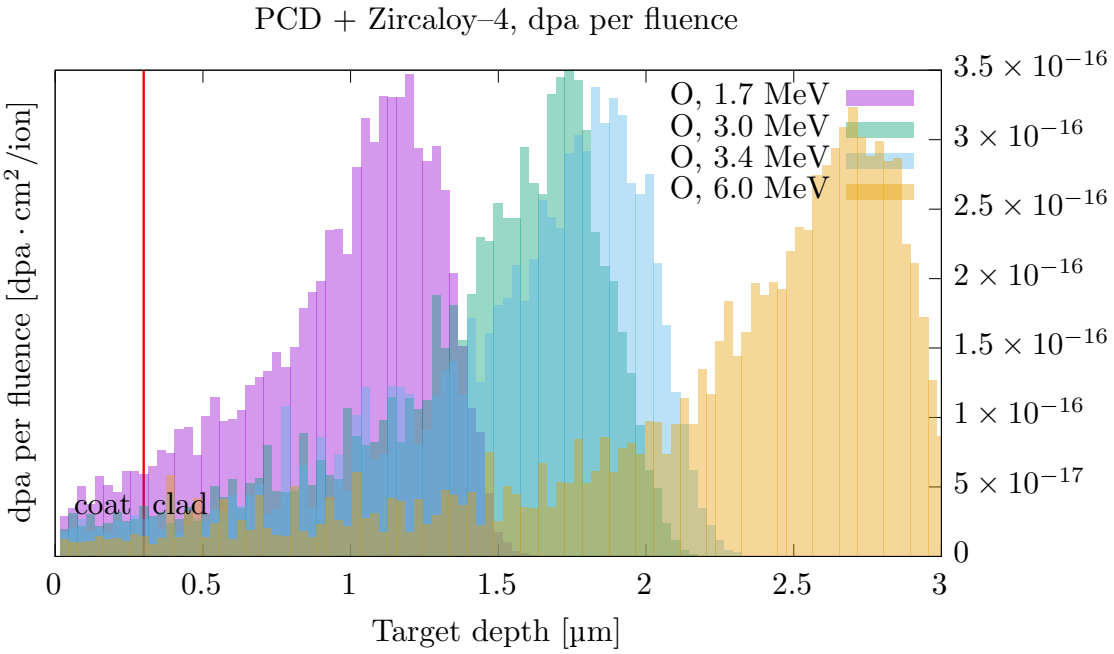

Figure 29: DPA production by O ion irradiation of PCD coating deposited on Zircaloy–4 cladding.

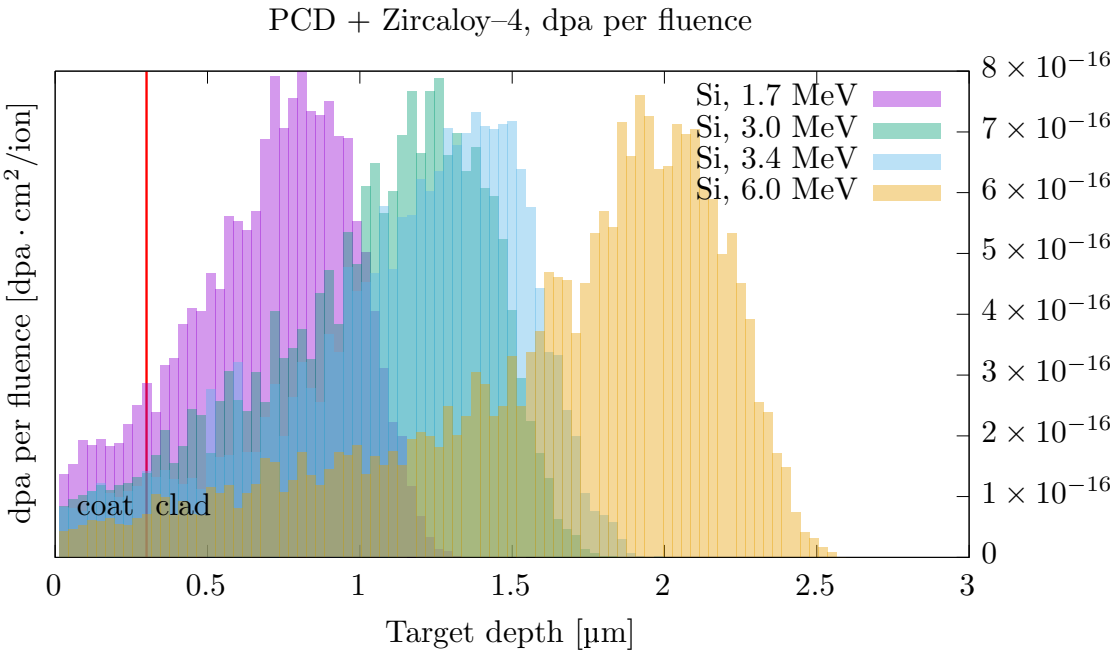

Figure 30: DPA production by Si ion irradiation of PCD coating deposited on Zircaloy–4 cladding.

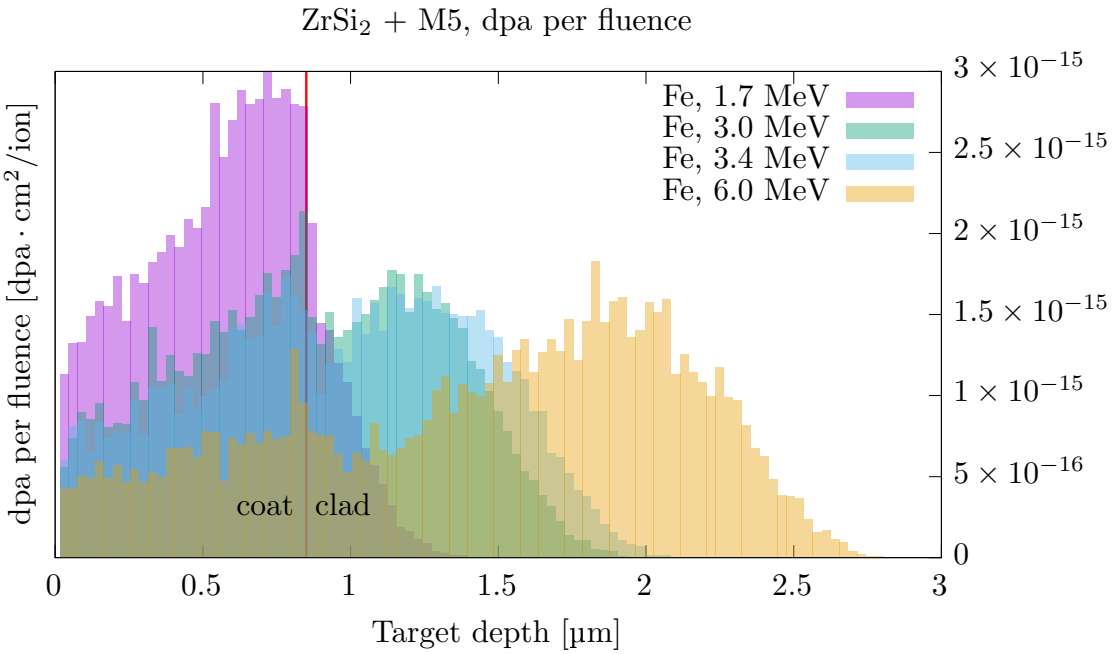

Figure 31: DPA production by Fe ion irradiation of $ZrSi_2$ coating deposited on M5 cladding.

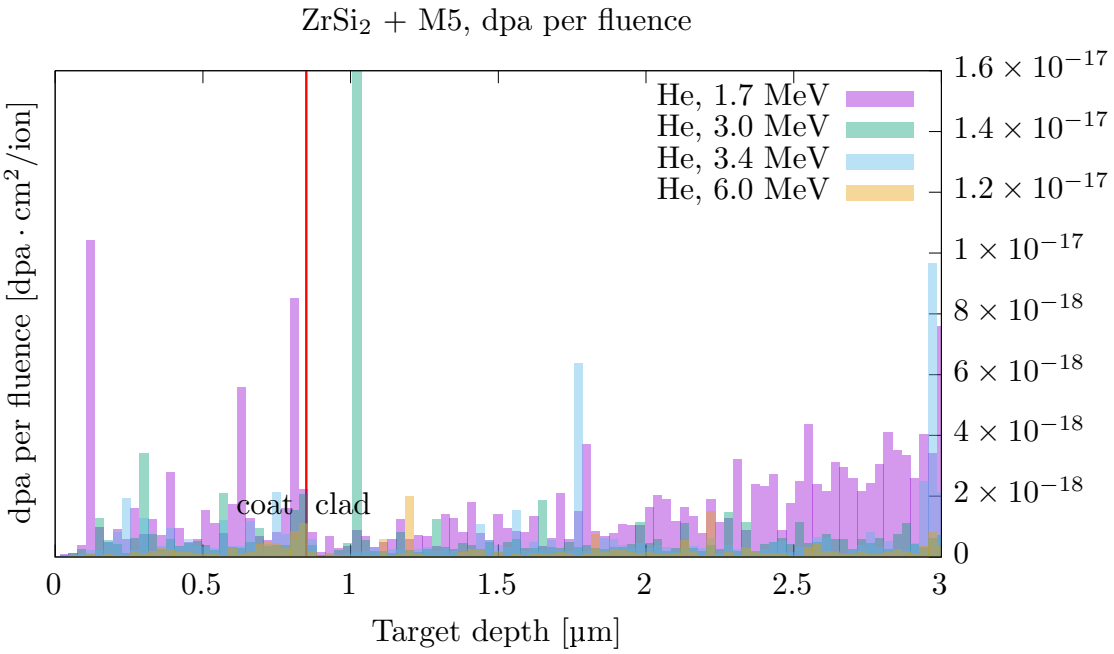

Figure 32: DPA production by He ion irradiation of $ZrSi_2$ coating deposited on M5 cladding.

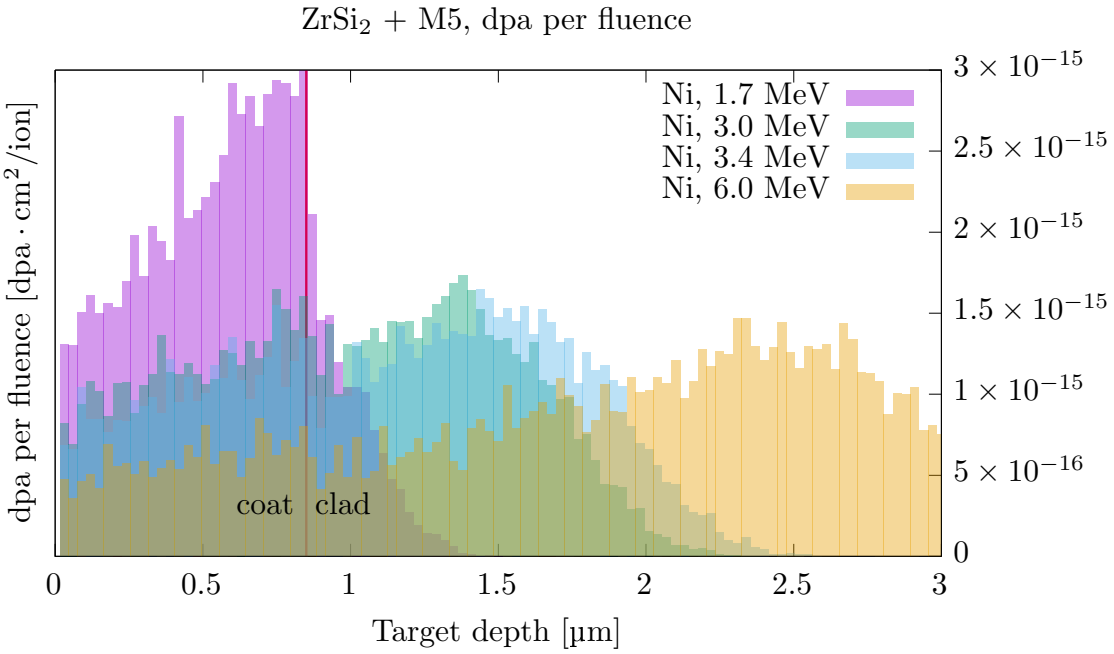

Figure 33: DPA production by Ni ion irradiation of $ZrSi_2$ coating deposited on M5 cladding.

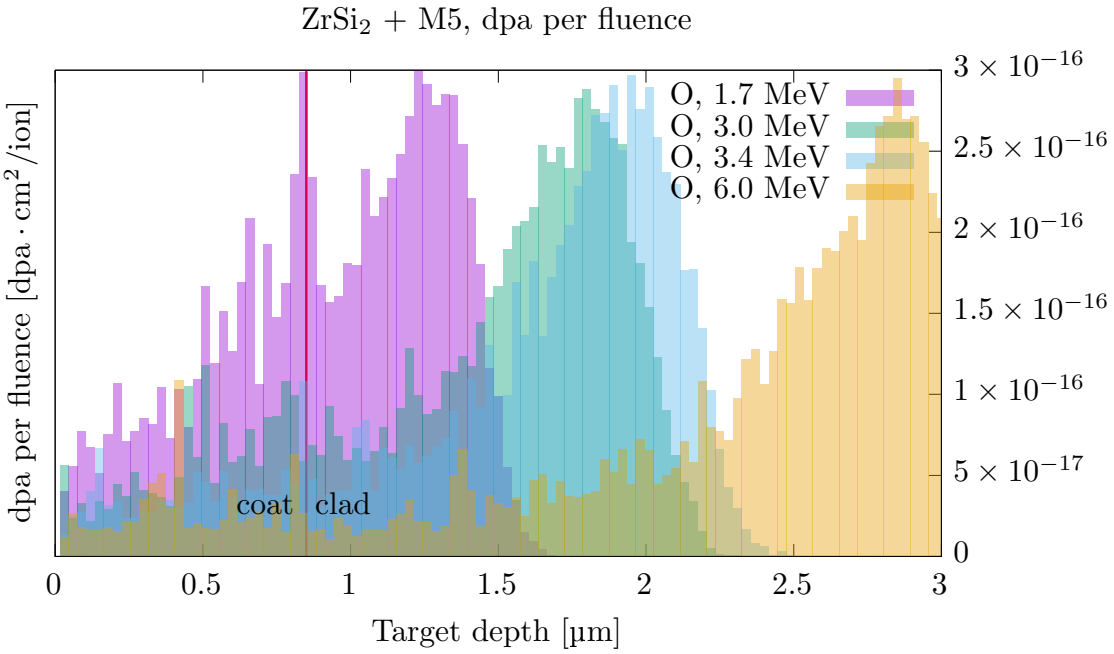

Figure 34: DPA production by O ion irradiation of $ZrSi_2$ coating deposited on M5 cladding.

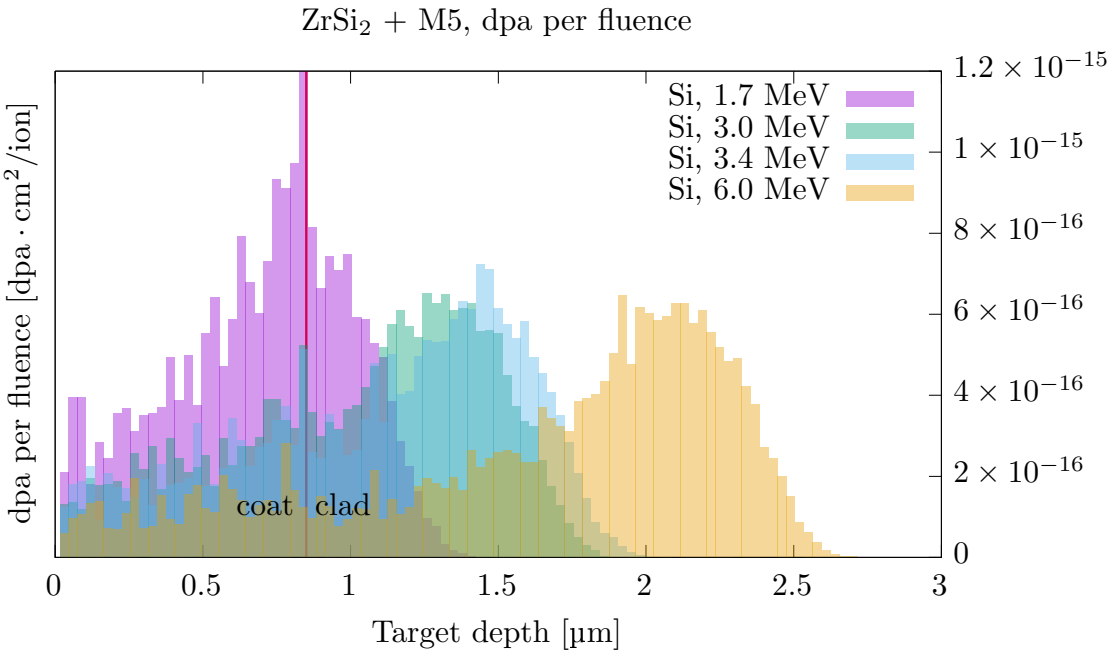

Figure 35: DPA production by Si ion irradiation of $ZrSi_2$ coating deposited on M5 cladding.