

**Energy (MeV)      dW (MeV)    dE\_m (MeV)    dp\_m(par) (MeV)    dp\_m(per) (MeV)**

**Before the Heepcheck**

2749.00	6.00	7.87	6.46	6.42
3660.00	1.48	1.53	1.75	1.93
3834.85	2.94	2.58	2.33	1.25
4559.00	10.66	9.69	7.03	5.92
4932.00	12.59	10.73	7.07	7.82

**After the Heepcheck**

2745.90	0.83	0.83	0.59	0.23
3658.60	0.65	0.72	0.24	0.94
3833.45	0.45	0.24	0.42	0.33
4554.00	0.98	0.14	0.30	0.70
4926.20	0.71	0.38	0.96	0.04

Note: **dW, dE\_m, dp\_m(par) and dp\_m(per)** are the total shift with respect to MC (SIMC) data.