HAP HESS Iu: Spectrum
FB template analysis with 3D background model: HESS Iu template, std ImPACT
Compare to manipulated background: $bkg'_{ri} = bkg_{ri} \cdot [1 - k \cdot (alt_{ri} - alt_{r0})]$

Legend:
- HAP diff. flux points: HESS Iu data
- HAP diff. flux points: HESS Iu data, k = 0.005
- HAP diff. flux points: HESS Iu data, k = 0.01
- HAP diff. flux points: HESS Iu data, k = 0.1

y-axis: $E^2 \frac{dN}{dE} \left[\frac{TeV}{cm^2\, s\, sr} \right]$

x-axis: $Energy\ [TeV]$