## remapping of x in integr. dipoles

Now, do the same for 12 and add up:

The integr. dipoles Ip decompose into a delta-fet. part (soft)

and into a regular part (fini) and into a plus-distr.

part (plus):

 $I_{\rho} = c_{\rho} \cdot \delta(x-1) + g_{\rho}(x) + h_{\rho}(x)_{+}$ 

plfs+ part. cross sect.

$$= s_{p}(x) \cdot \left[ \sum_{p} = s_{p}(x) \cdot c_{p} + s_{p}(x) g_{p}(x) + \left( s_{p}(x) - s_{p}(1) \right) h_{p}(x) \right]$$

$$= s_{p}(x) \cdot \left[ c_{p} - h_{p}(x) \right] + s_{p}(x) \cdot \left[ g_{p}(x) + h_{p}(x) \right]$$