

Relations between the  $B_k^q$  and  $A_k^q \langle r^k \rangle$  parameters

$B_2^0 = 2 A_2^0 \langle r^2 \rangle$	$B_4^0 = 8 A_4^0 \langle r^4 \rangle$	$B_6^0 = 16 A_6^0 \langle r^6 \rangle$
$B_2^1 = -\frac{1}{\sqrt{6}} A_2^1 \langle r^2 \rangle$	$B_4^1 = -\frac{2}{\sqrt{5}} A_4^1 \langle r^4 \rangle$	$B_6^1 = -\frac{8}{\sqrt{42}} A_6^1 \langle r^6 \rangle$
$B_2^2 = \frac{2}{\sqrt{6}} A_2^2 \langle r^2 \rangle$	$B_4^2 = \frac{4}{\sqrt{10}} A_4^2 \langle r^4 \rangle$	$B_6^2 = \frac{16}{\sqrt{105}} A_6^2 \langle r^6 \rangle$
	$B_4^3 = -\frac{2}{\sqrt{35}} A_4^3 \langle r^4 \rangle$	$B_6^3 = -\frac{8}{\sqrt{105}} A_6^3 \langle r^6 \rangle$
	$B_4^4 = \frac{8}{\sqrt{70}} A_4^4 \langle r^4 \rangle$	$B_6^4 = \frac{16}{3\sqrt{14}} A_6^4 \langle r^6 \rangle$
		$B_6^5 = -\frac{8}{3\sqrt{77}} A_6^5 \langle r^6 \rangle$
		$B_6^6 = \frac{16}{\sqrt{231}} A_6^6 \langle r^6 \rangle$