

# Substitutions for Th

Threshold  $N_{AB} > 19$

% of Th substitutions  
Absolute number of compounds with substitution



0 10 20 30 40 50

H																	He						
Li	Be																	B	C	N	O	F	Ne
Na	Mg																	Al	Si	P	S	Cl	Ar
K	<b>Ca</b> 2.3 33	<b>Sc</b> 2.2 32	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr						
Rb	<b>Sr</b> 2.0 28	<b>Y</b> 5.1 72	<b>Zr</b> 3.0 42	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe						
Cs	Ba		<b>Hf</b> 2.0 28	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn						
Fr	Ra																						
	<b>La</b> 5.0 71	<b>Ce</b> 6.5 91	<b>Pr</b> 5.5 78	<b>Nd</b> 5.9 83	Pm	<b>Sm</b> 4.8 67	<b>Eu</b> 2.7 38	<b>Gd</b> 5.2 73	<b>Tb</b> 4.8 68	<b>Dy</b> 4.8 68	<b>Ho</b> 4.3 61	<b>Er</b> 4.3 60	<b>Tm</b> 4.0 56	<b>Yb</b> 4.0 57	<b>Lu</b> 3.0 43								
	Ac	Th	Pa	<b>U</b> 10.1 141	<b>Np</b> 3.6 51	<b>Pu</b> 3.8 54	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr								