# Substitutions for Sm

Threshold $N_{AB}>9$

% of Sm 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** 0.4 17 | | | | | | | | | | | Al | Si | P | S | Cl | Ar |
| K | **Ca** 1.2 48 | **Sc** 1.7 67 | **Ti** 0.5 20 | V | Cr | **Mn** 0.5 21 | Fe | Co | **Ni** 0.2 10 | Cu | **Zn** 0.3 13 | Ga | Ge | As | Se | Br | Kr |
| Rb | **Sr** 1.3 51 | **Y** 5.7 218 | **Zr** 0.8 34 | Nb | Mo | Tc | Ru | Rh | Pd | Ag | Cd | **In** 0.3 13 | **Sn** 0.2 10 | Sb | Te | I | Xe |
| Cs | **Ba** 0.8 31 | | **Hf** 0.3 15 | Ta | W | Re | Os | Ir | Pt | Au | Hg | Tl | **Pb** 0.2 10 | **Bi** 0.3 12 | Po | At | Rn |
| Fr | Ra | | | | | | | | | | | | | | | | |
| | | **La** 6.5 250 | **Ce** 6.1 232 | **Pr** 7.8 300 | **Nd** 8.8 337 | Pm | Sm | **Eu** 4.2 162 | **Gd** 8.5 325 | **Tb** 6.1 232 | **Dy** 6.0 231 | **Ho** 5.5 210 | **Er** 5.3 204 | **Tm** 4.2 161 | **Yb** 4.3 164 | **Lu** 3.3 127 | |
| | | Ac | **Th** 1.7 67 | Pa | **U** 1.9 76 | **Np** 1.1 45 | **Pu** 1.4 56 | **Am** 0.5 21 | **Cm** 0.3 13 | Bk | Cf | Es | Fm | Md | No | Lr | |