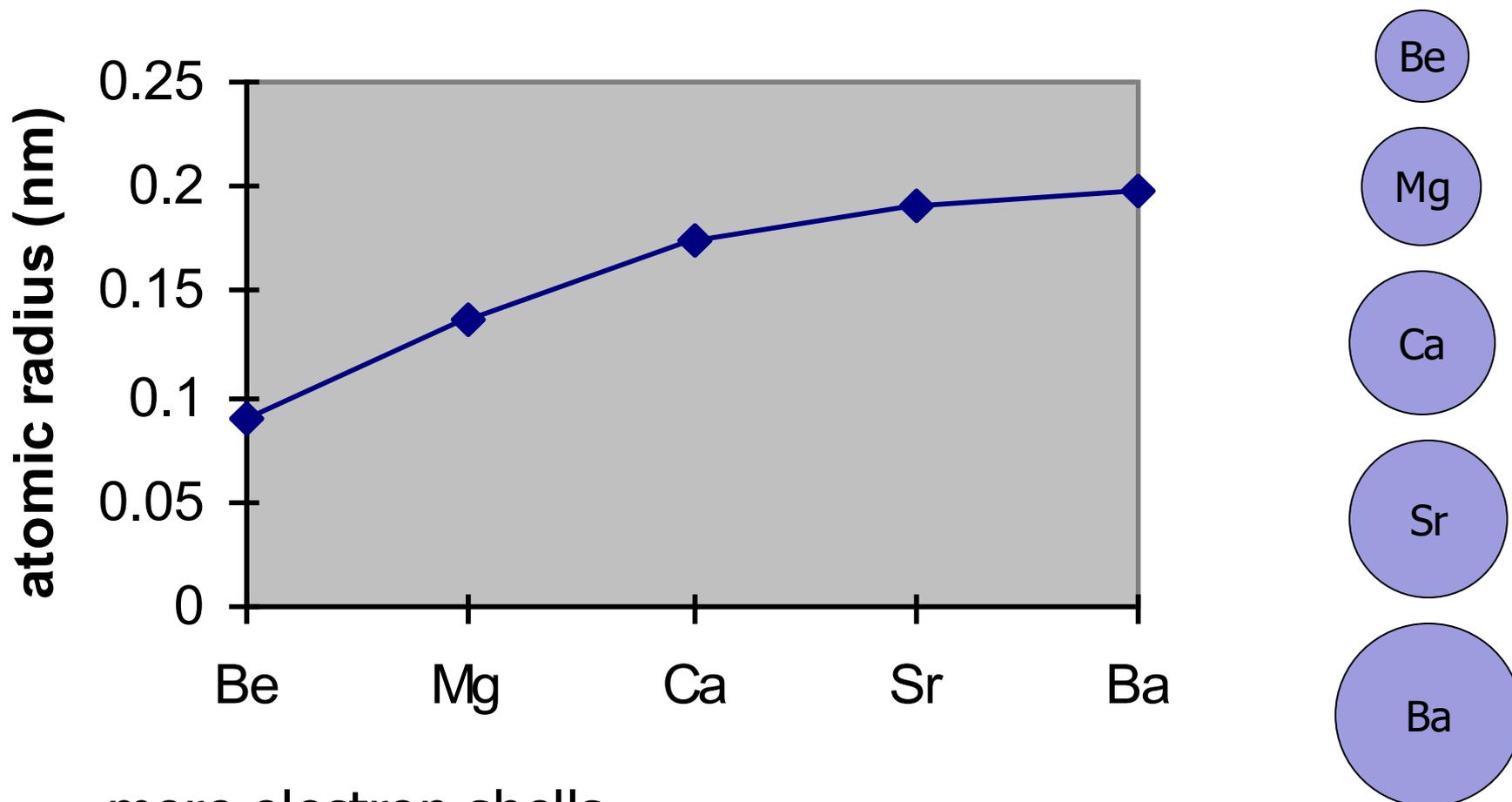




[WWW.CHEMSHEETS.CO.UK](http://www.chemsheets.co.uk)

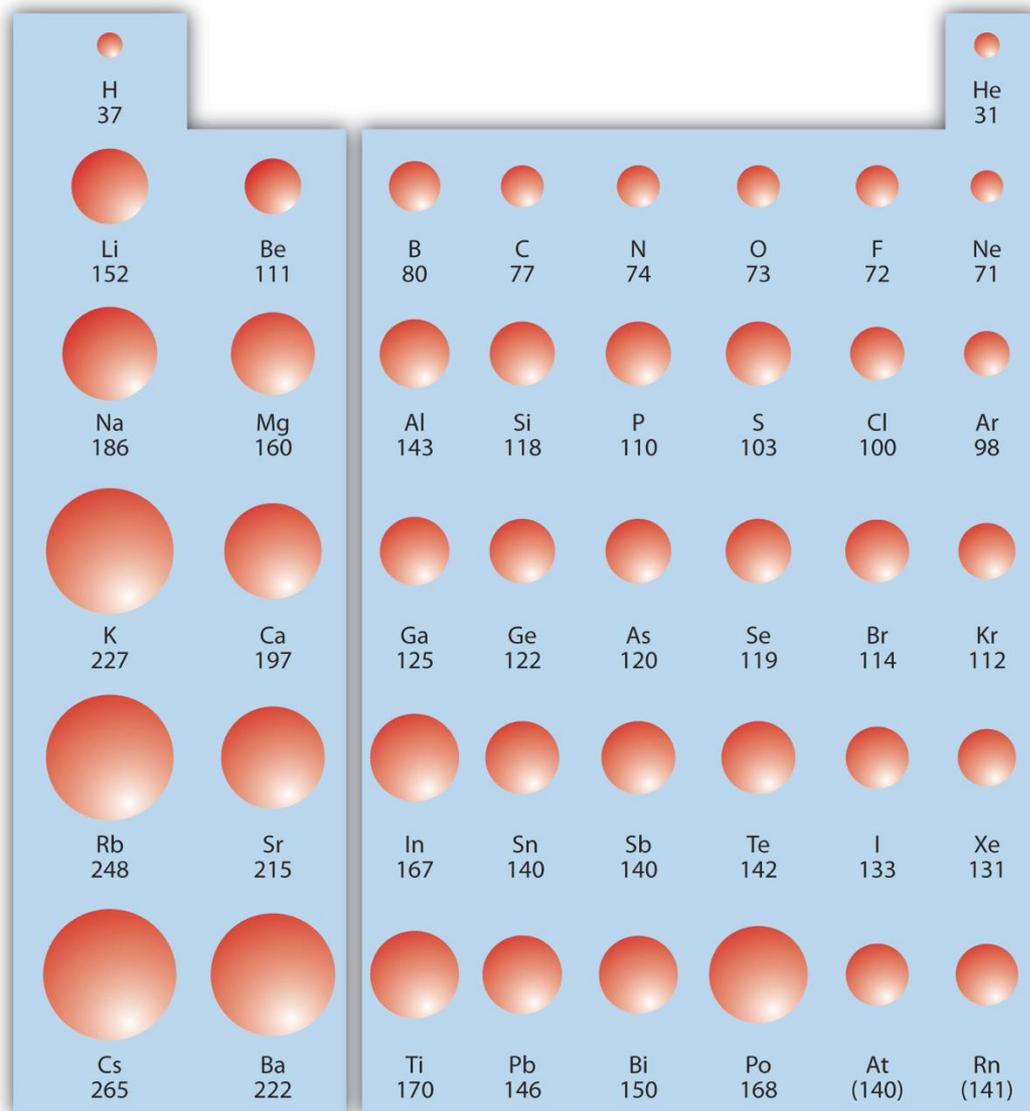
GROUP 2 – PHYSICAL PROPERTIES

ATOMIC RADIUS

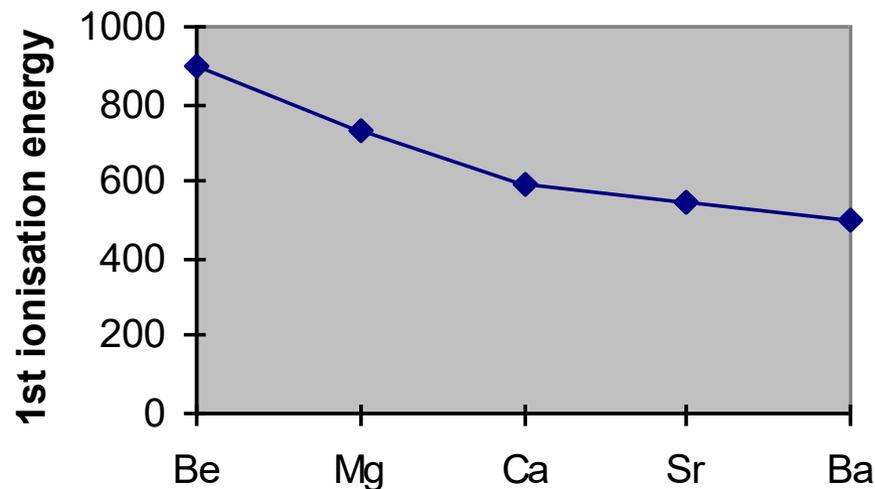


- more electron shells
- so bigger atoms

ATOMIC RADIUS



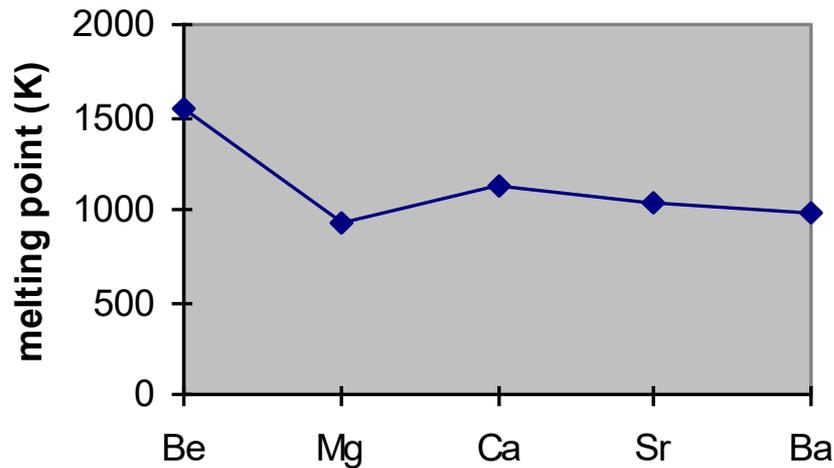
1st IONISATION ENERGY



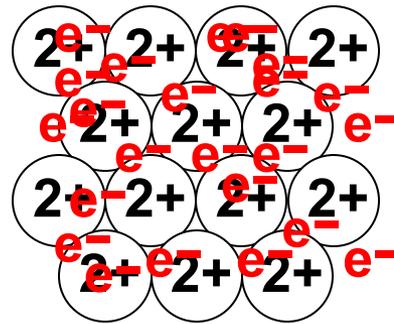
General trend down group

- atoms get bigger
- more shielding
- therefore weaker attraction from nucleus to electron in outer shell

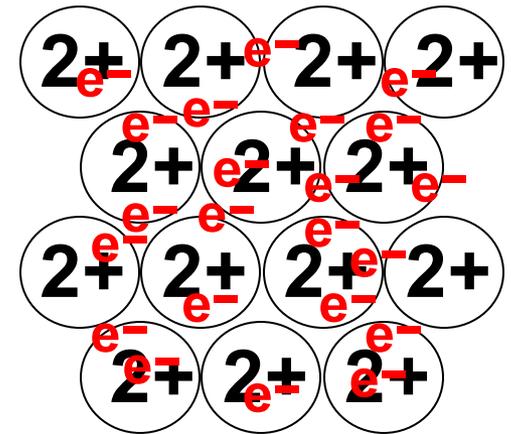
MELTING POINT



Calcium (Ca)
Mpt 850°C



Strontium (Sr)
Mpt 768°C



General trend down group

- weaker metallic bonding
- as metal ions are bigger
- so lower melting points