Wagner Plot and modified Auger parameter:

modified Auger parameter: ’ = Ekin (Augerelectron line) + Ebind (Photoelectron line)

is a parameter resistant to experimental failures

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| Zn  Zn(OH)2  ZnO  Al2ZnO4  fitted substance 1  fitted substance 2 |
| Fig. 1: Wagner plot; black symbols represent values for modified Auger parameter ’ from NIST database  [http://srdata.nist.gov/xps/drawWagnerPlot.aspx?Elm=Al&SelML=Al%7cAl%28OH%293%7cAl2O3%7cAl2O3%2fAl%7cAl2OSiO4%7cAl2Si4O10%28OH%292%7cAl4Si4O10%28OH%298%7cAlAs%7cAlN%7cAlO%28OH%29%7cAlxO%7c] |