

RACCOLTA DATI ATOMICI

di
Gerarda Apruzzese

Hydrogen

S/XB (H_alfa, H_beta, H_gamma)
S

α_{ric}

Mo I

S/XB (3845.7, 5529.5)

Cr I

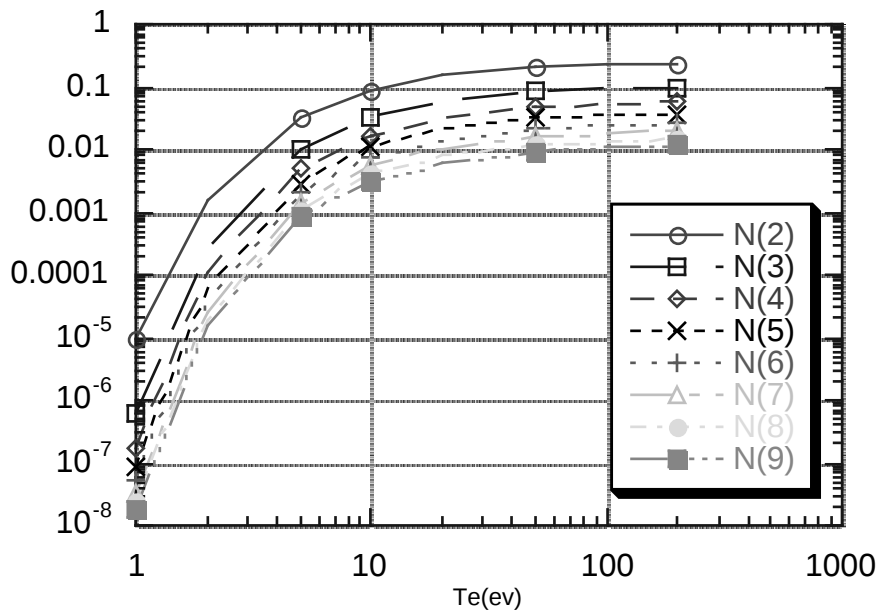
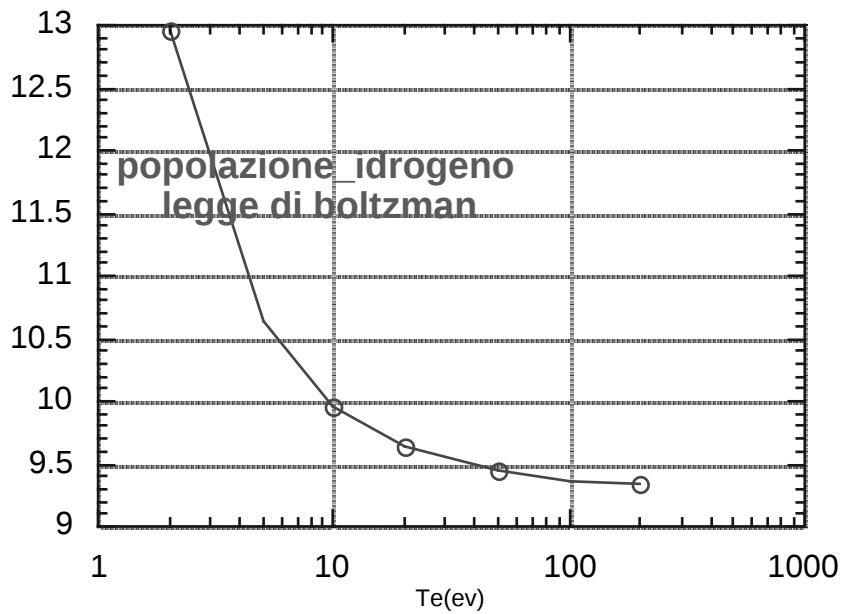
S/XB (4270.7, 5208.3)

Carbon III

S/XB (4647.4)

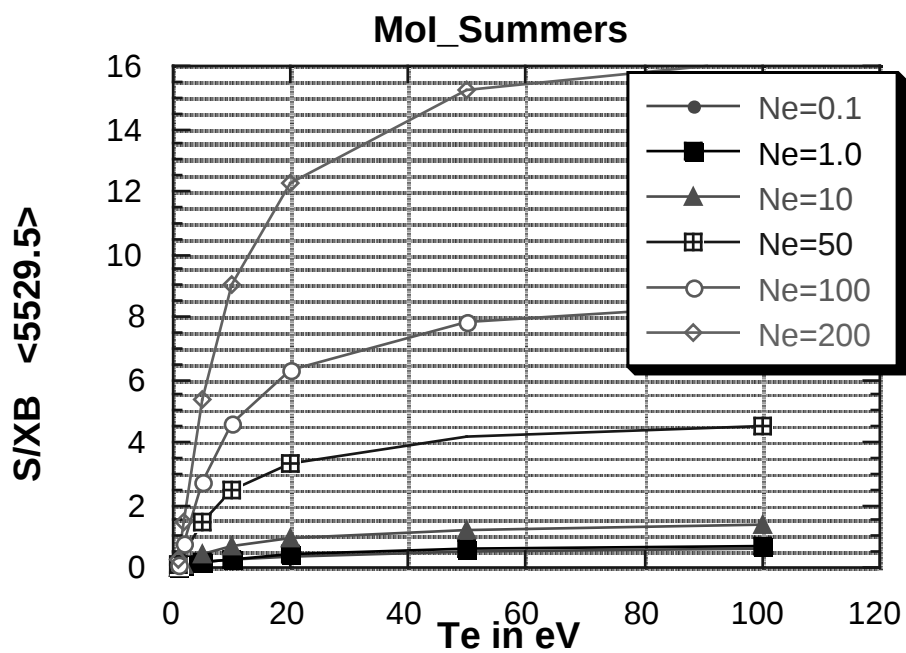
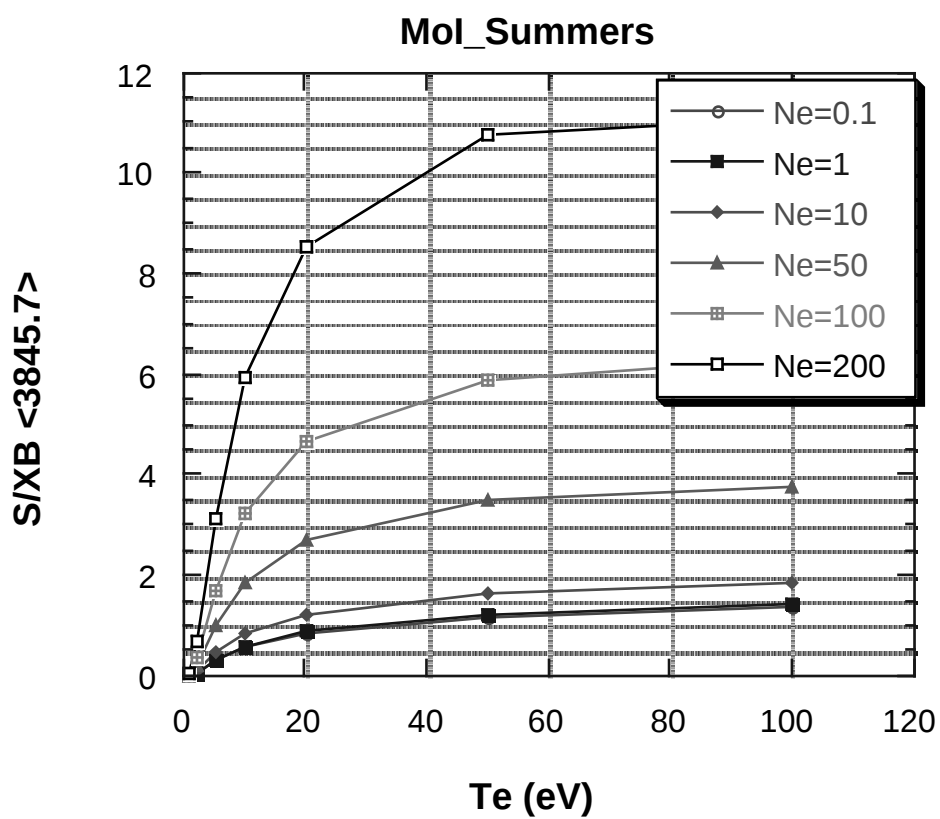
Frascati, maggio 97

h_{α}/h_{β}

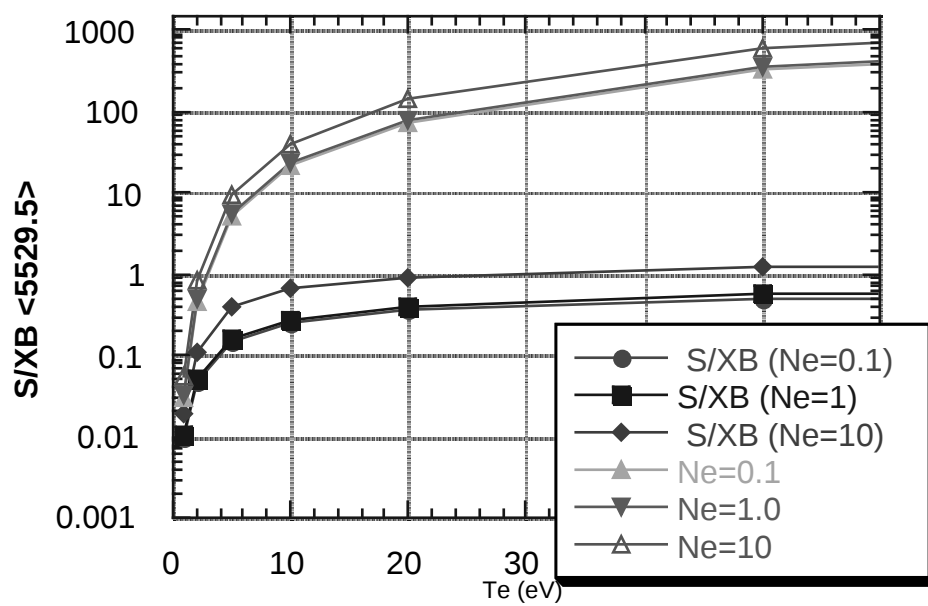


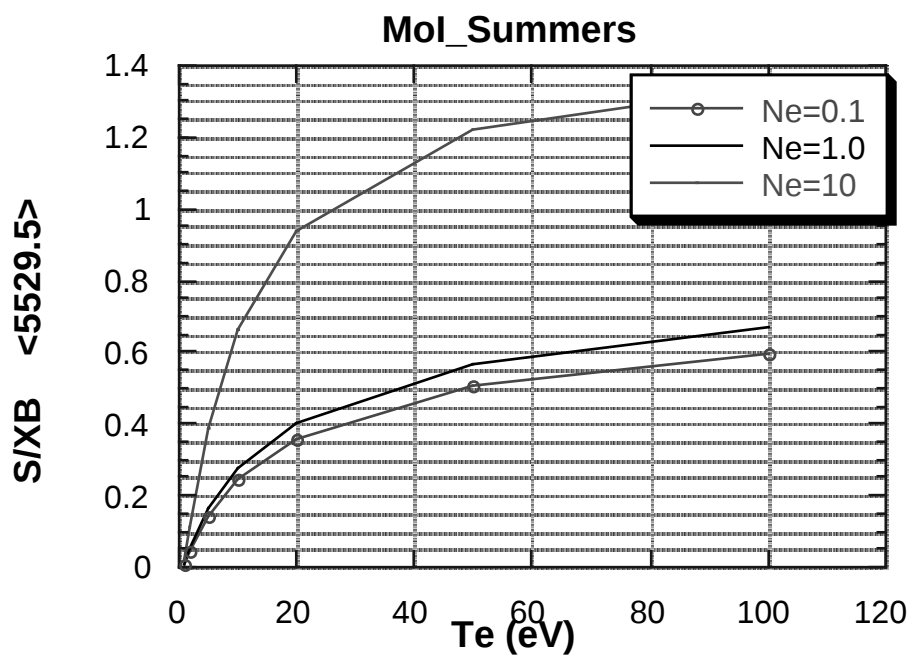
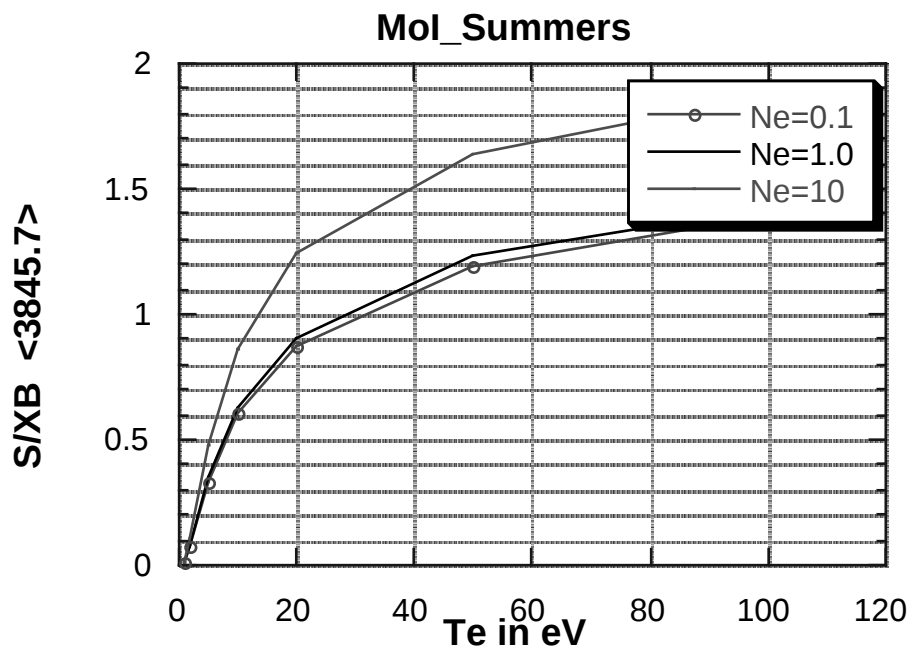
MoI

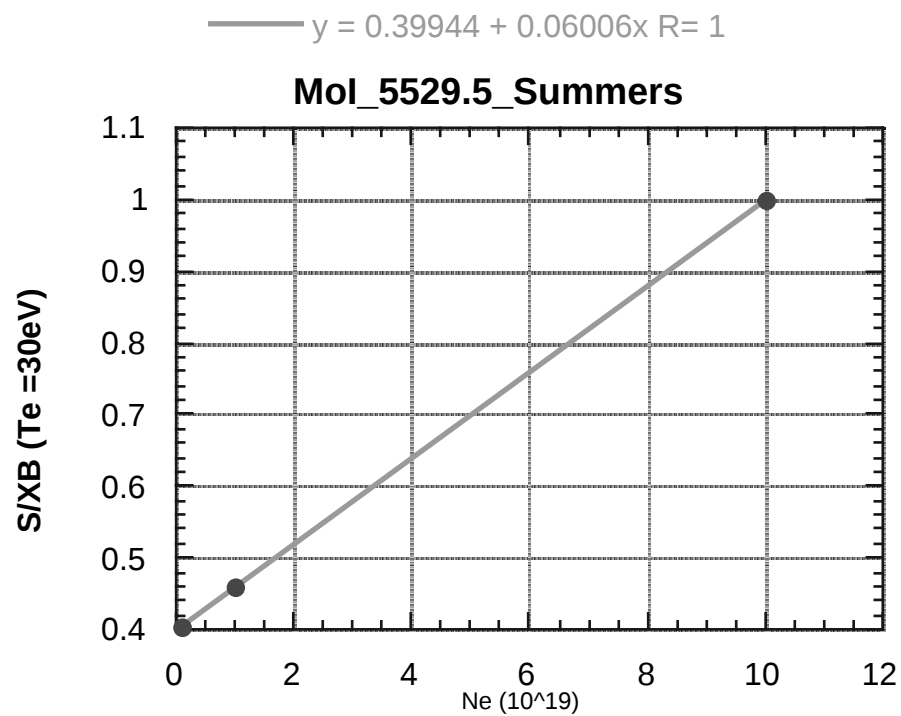
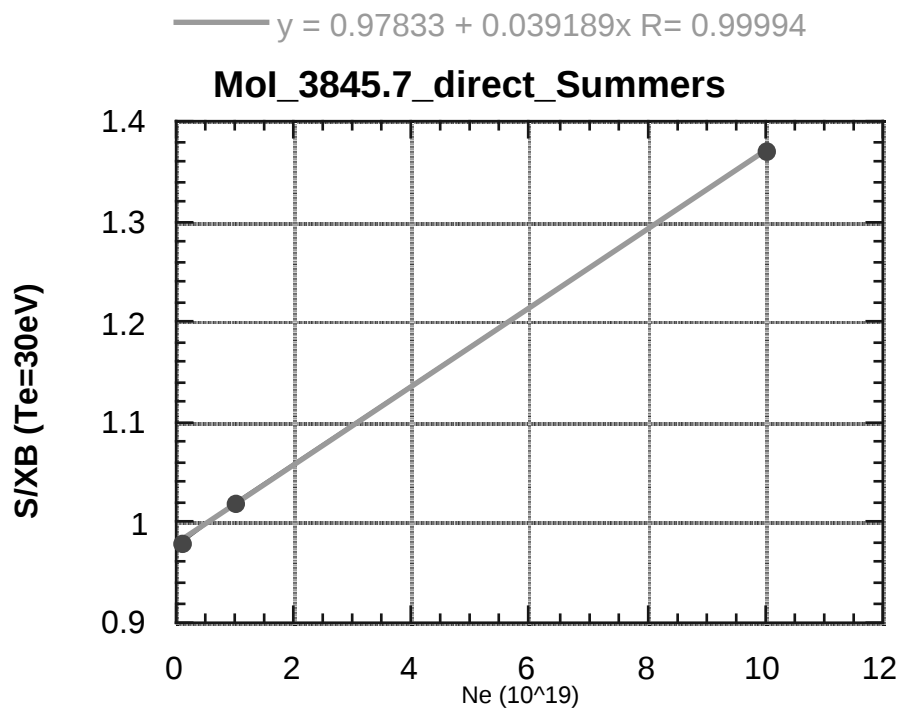
I dati del Mo e del Cr sono presi dall'articolo di Summers : " Excitation and ionisation of neutral Cr and Mo, and the application to impurity influx"
submitted to J. Phys. B 15-12-95



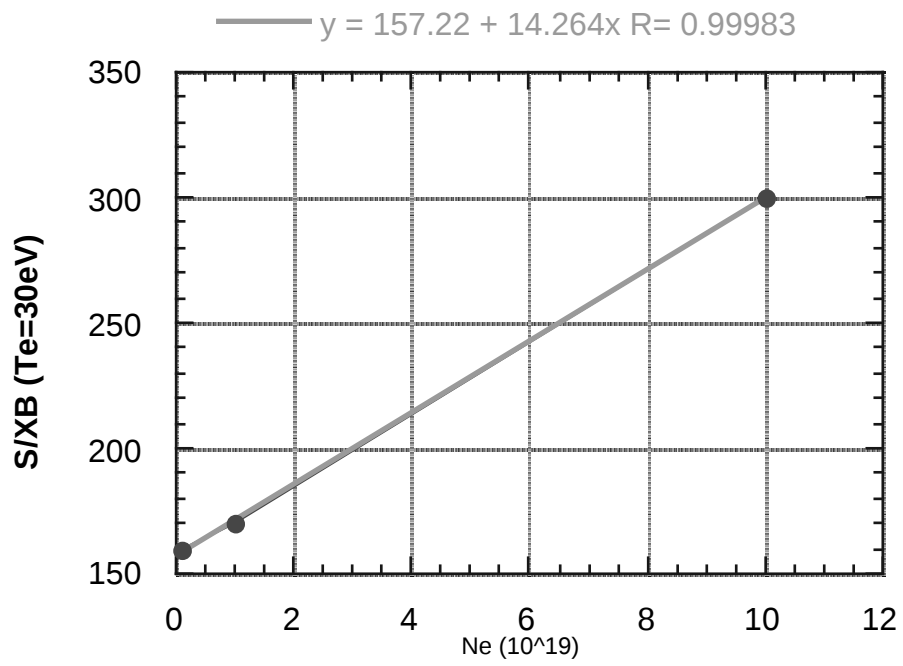
Mol_direct_exchange





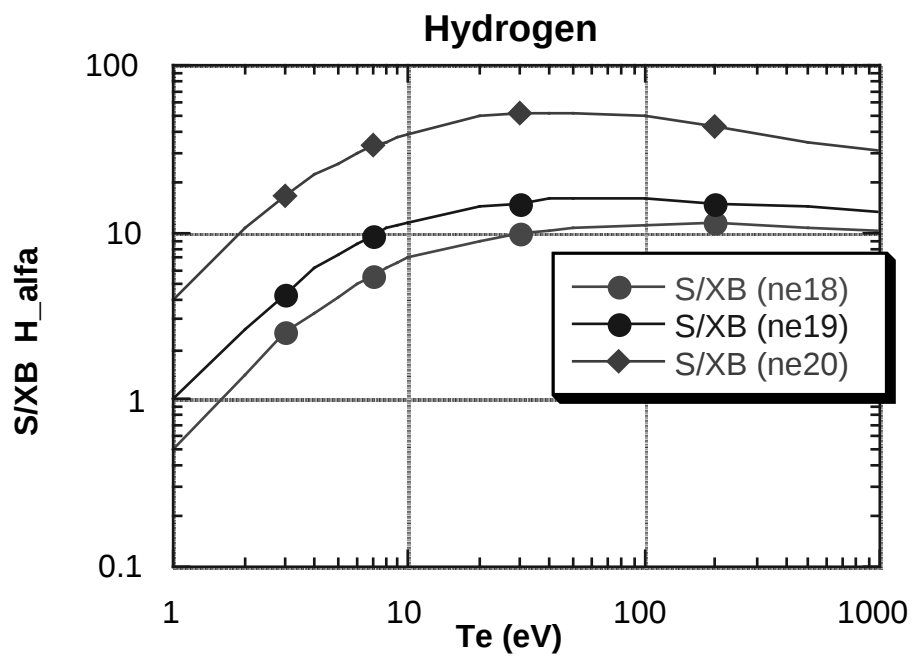
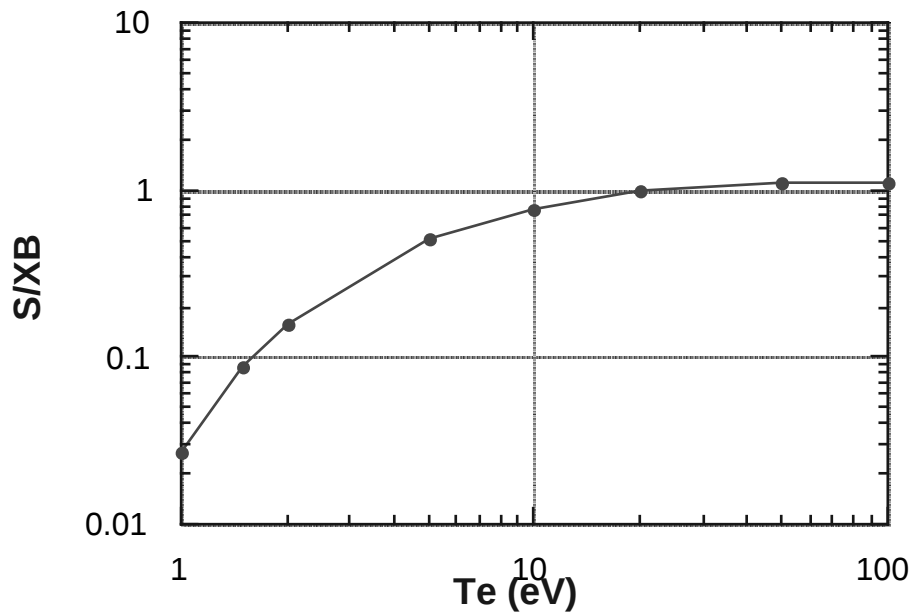


Mol_5529.5_exchange_Summers



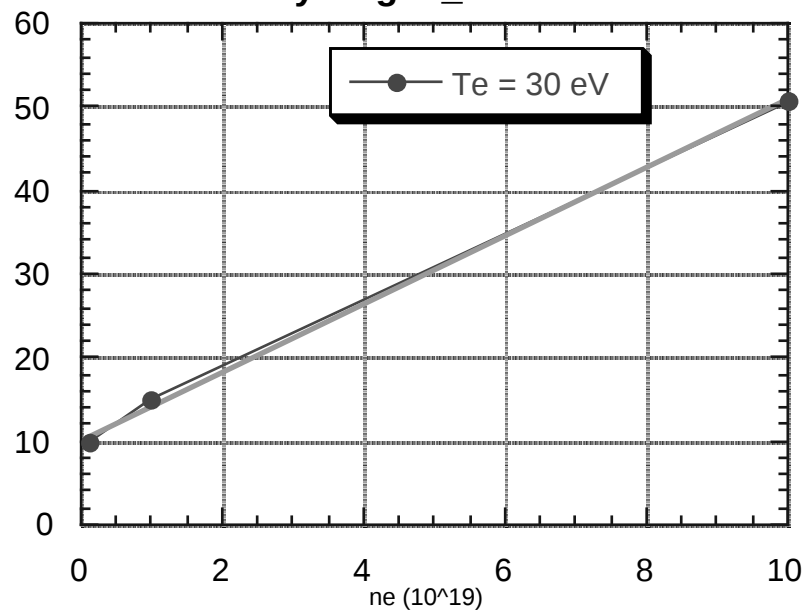
Hydrogen

Lyman_alfa

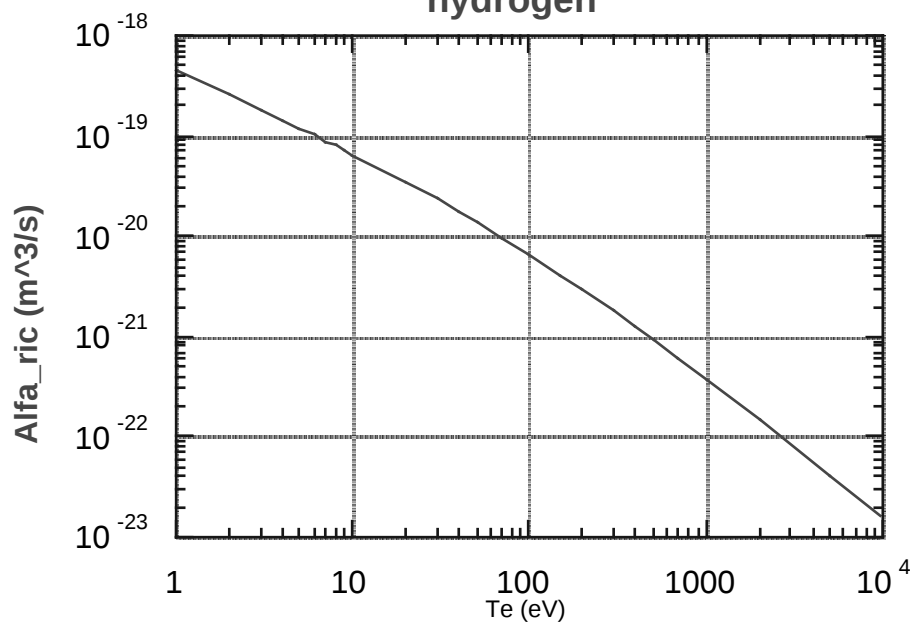


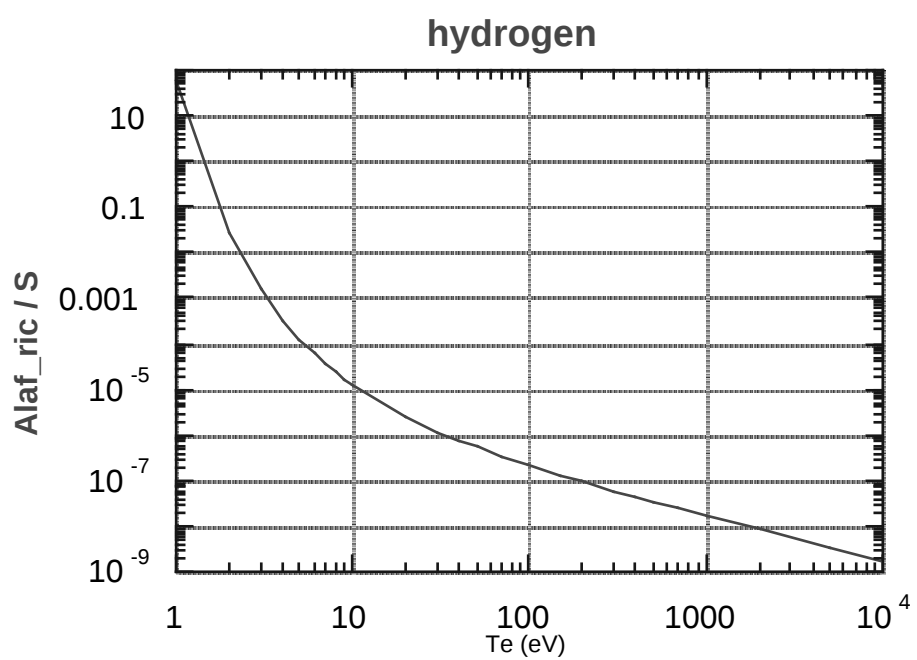
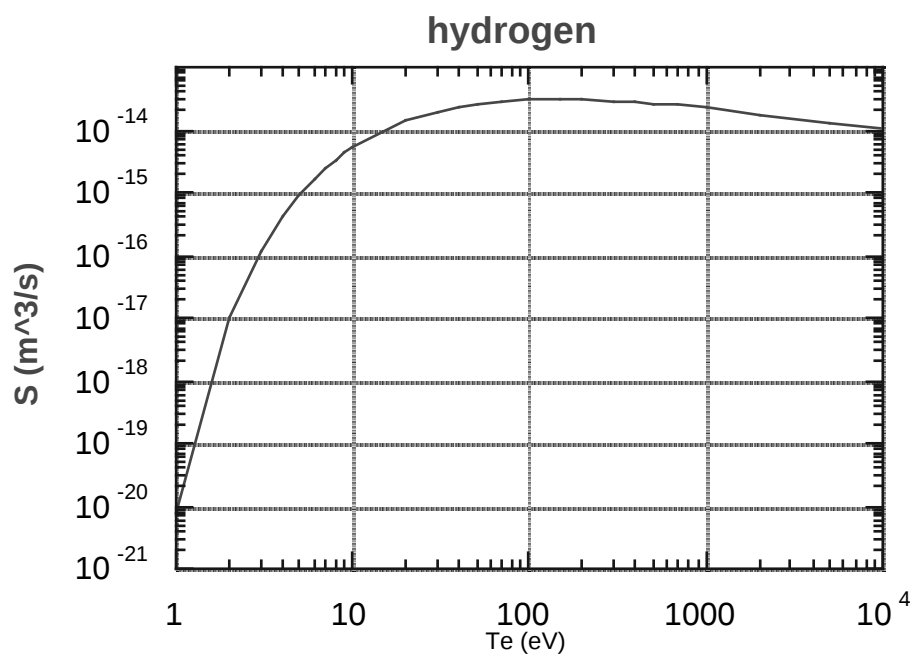
$y = 10.178 + 4.0781x$ $R = 0.99962$

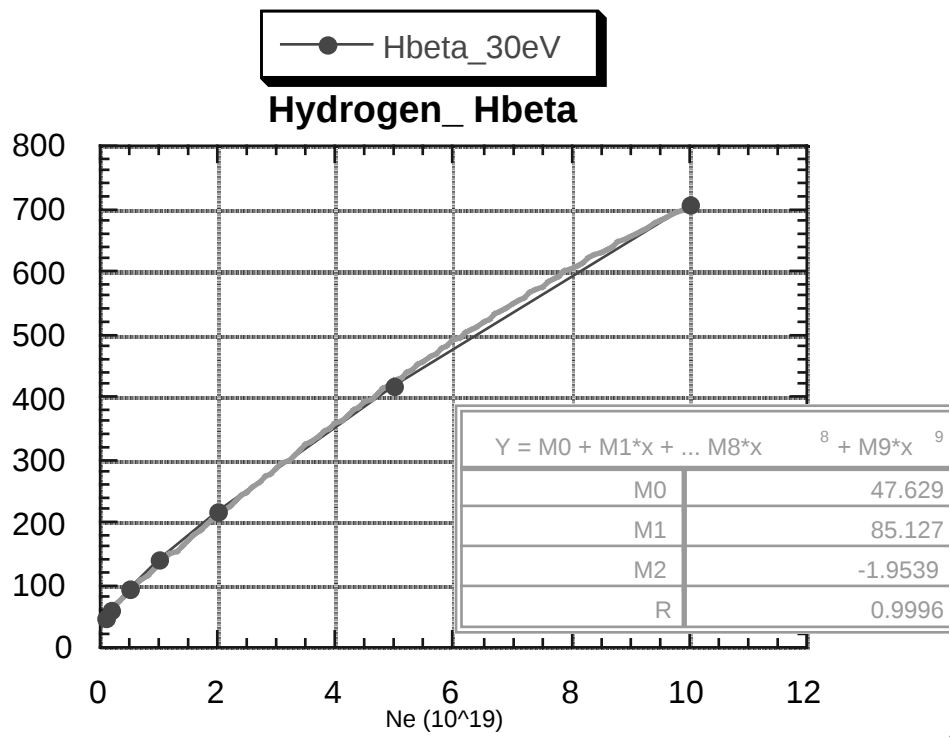
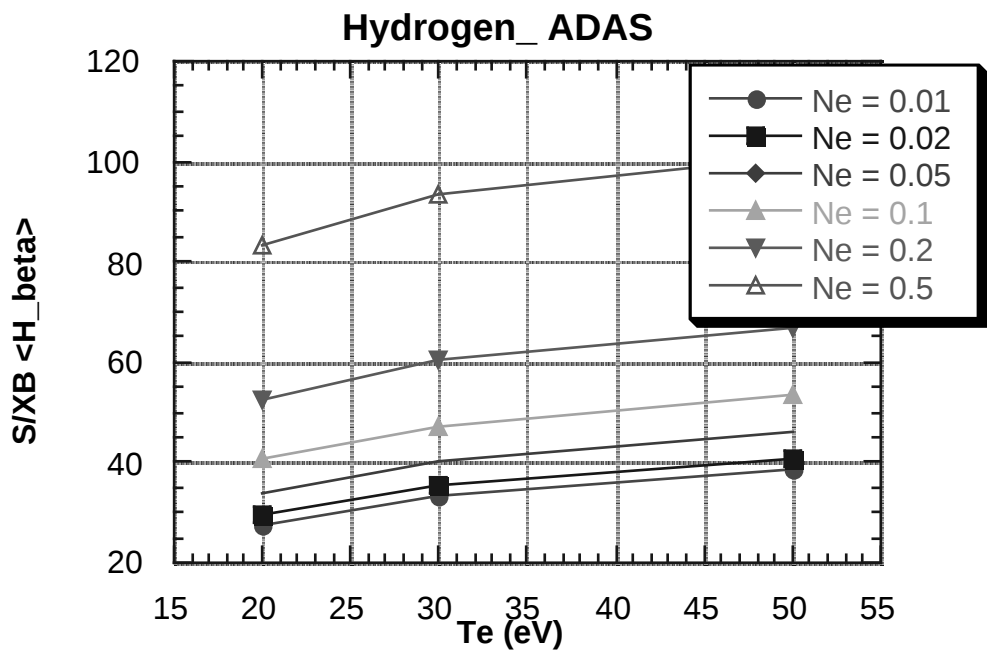
Hydrogen_halfa

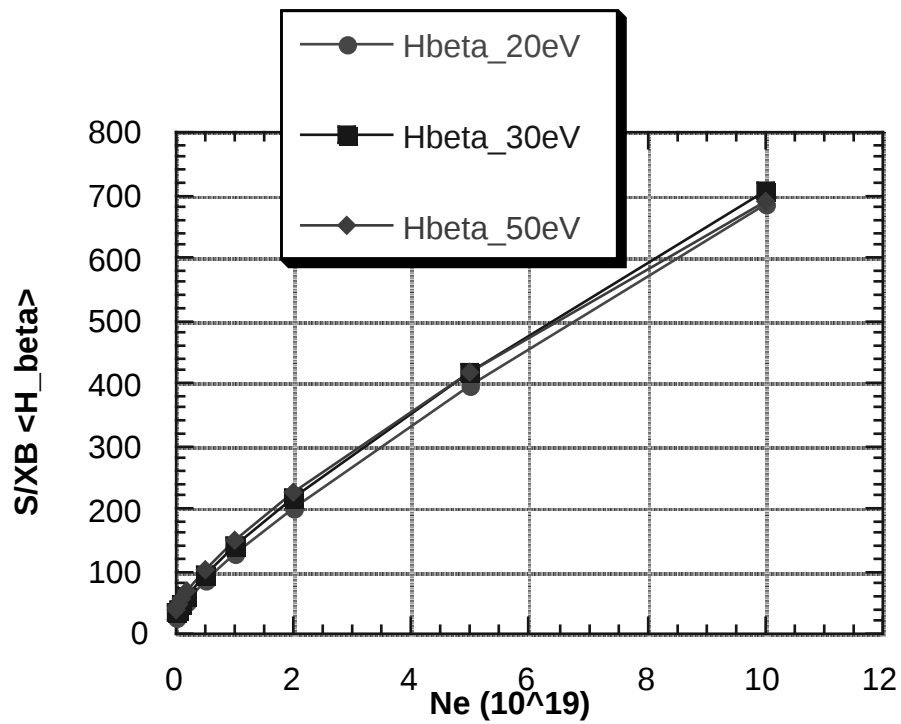
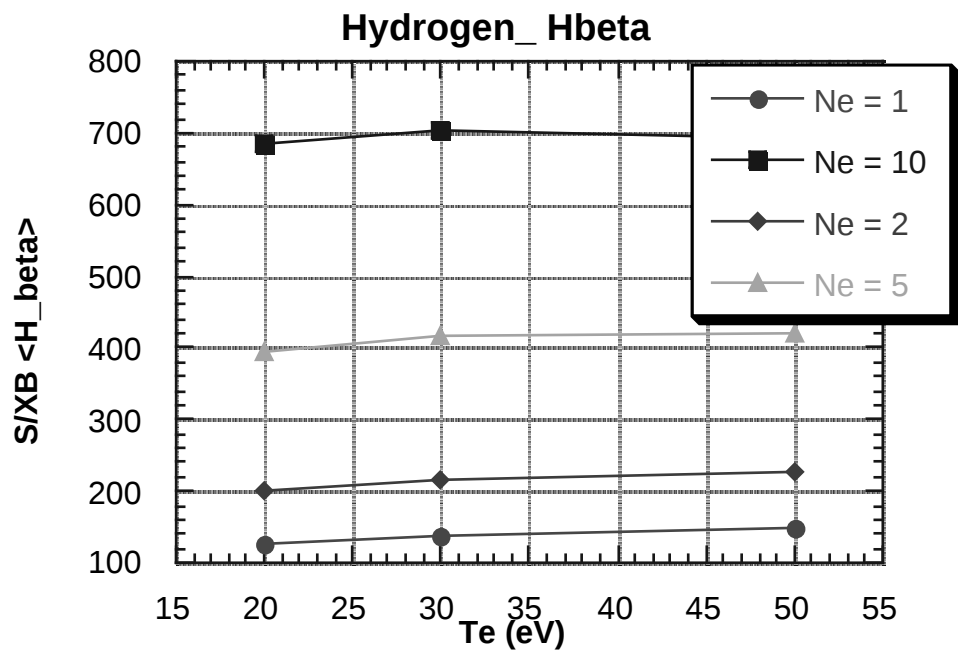


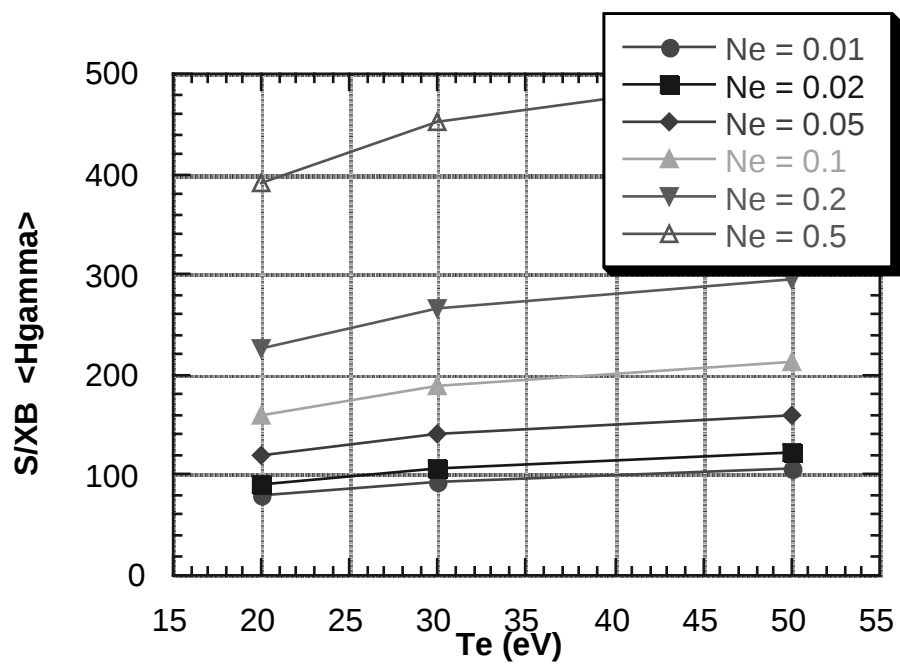
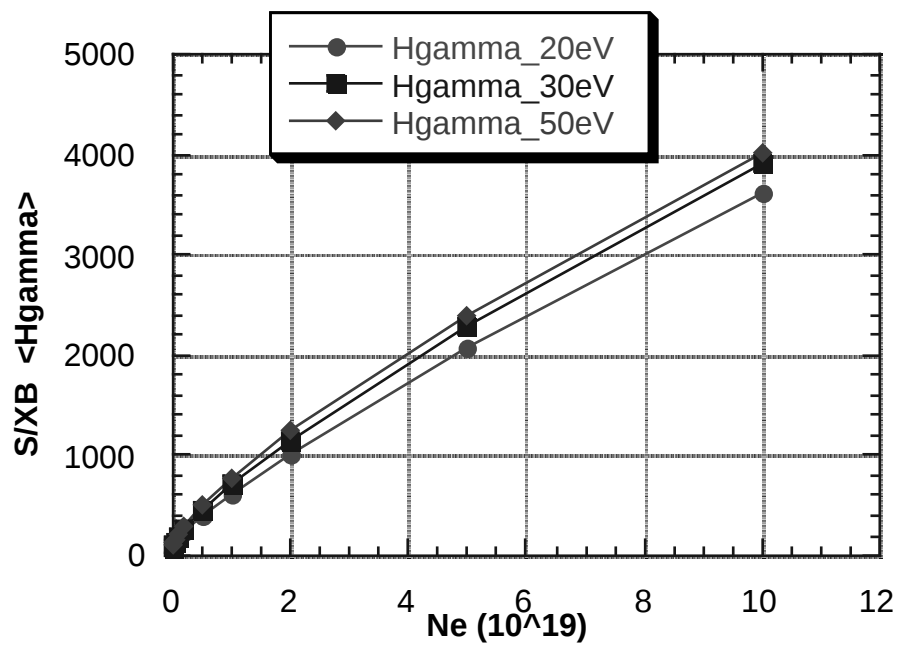
hydrogen

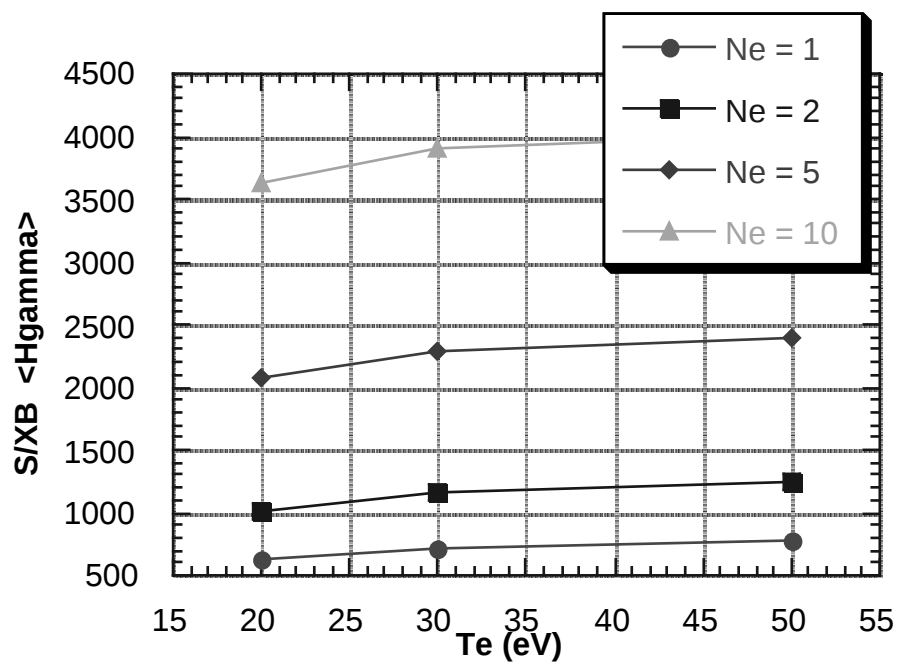
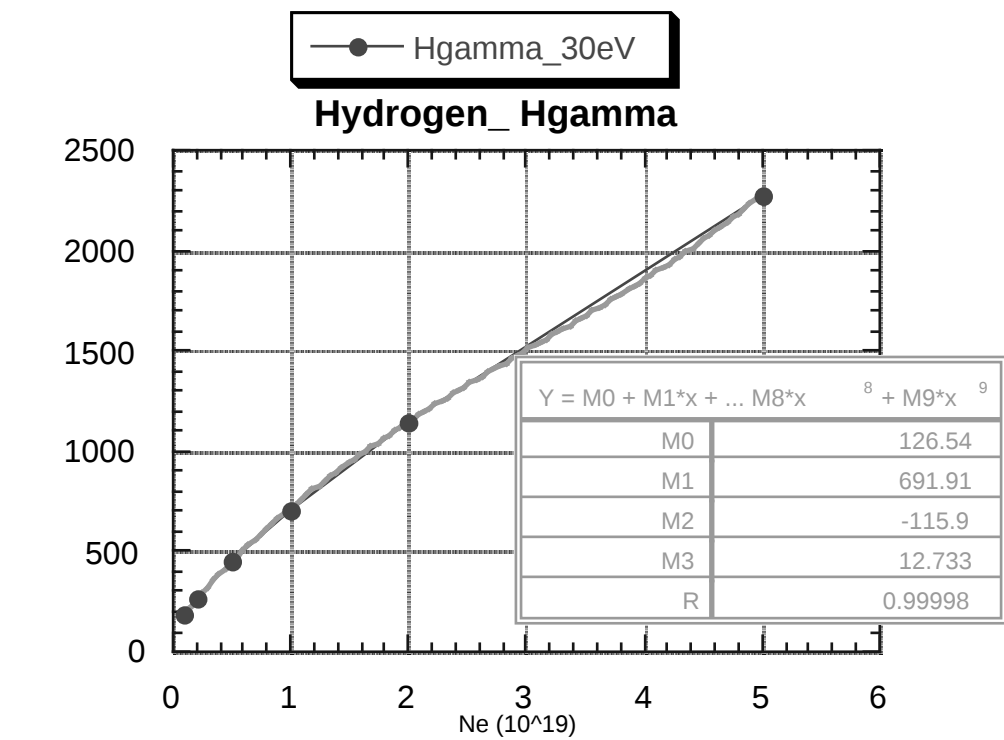


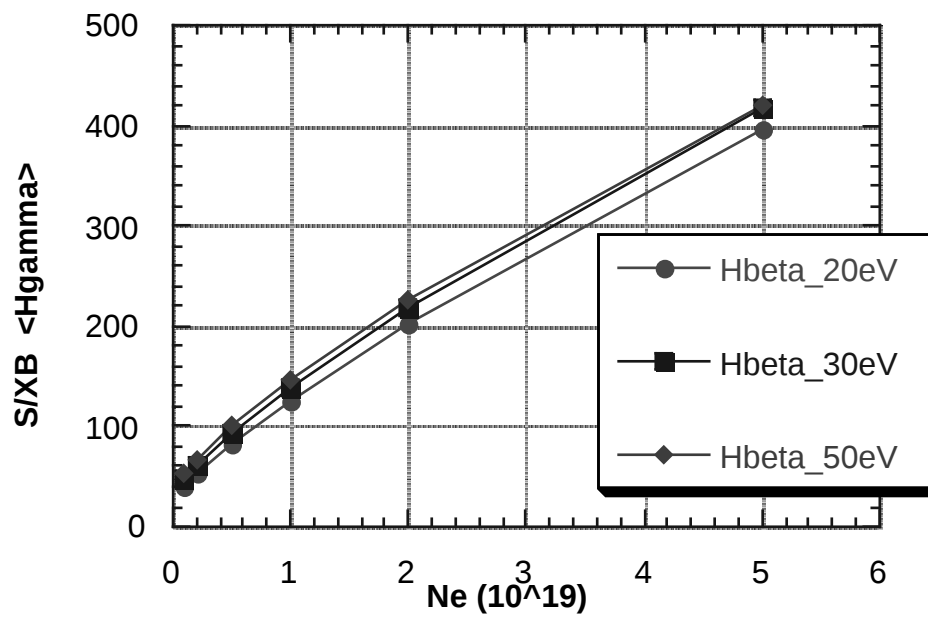
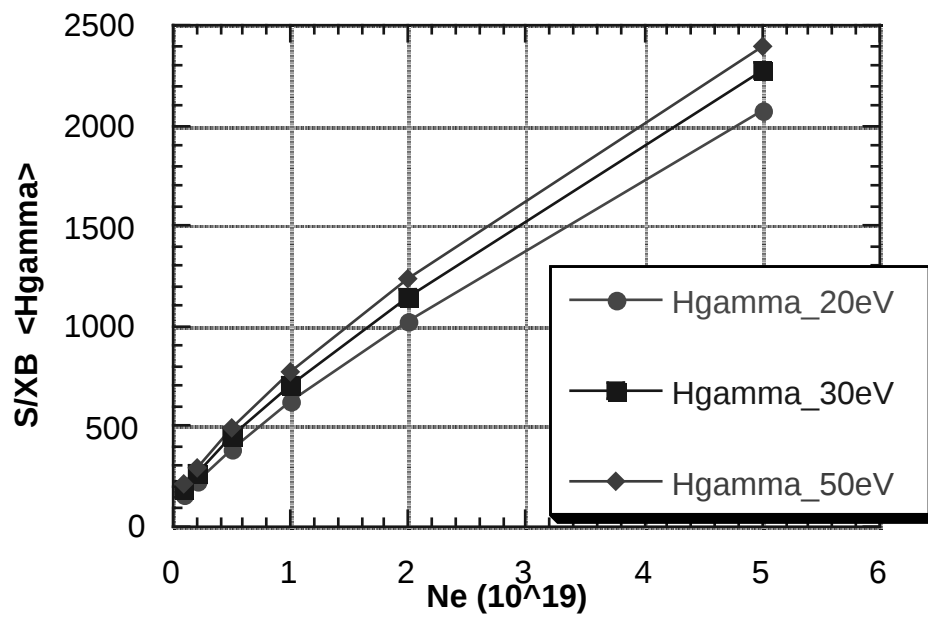




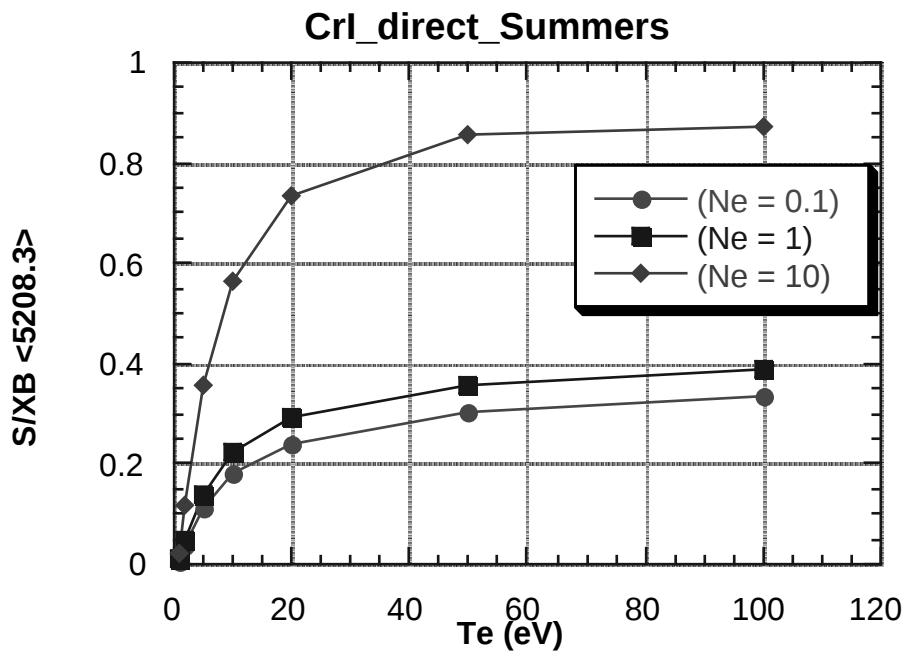
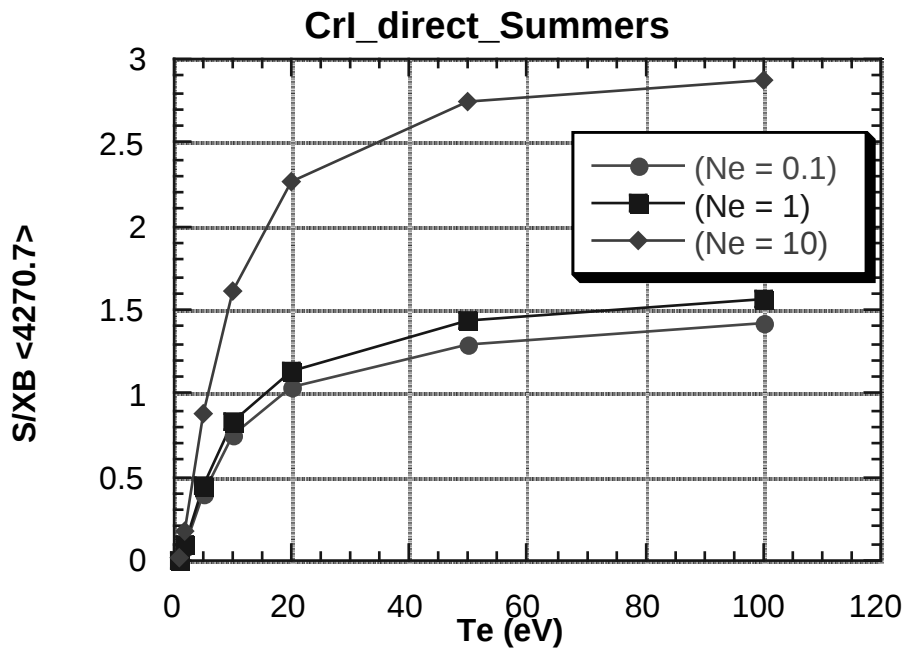


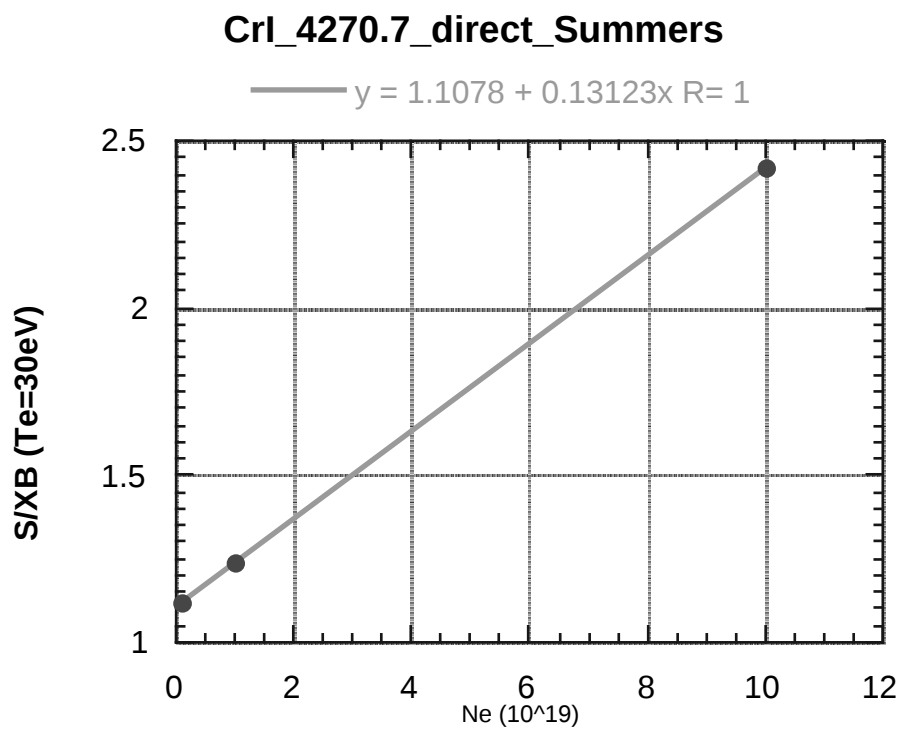
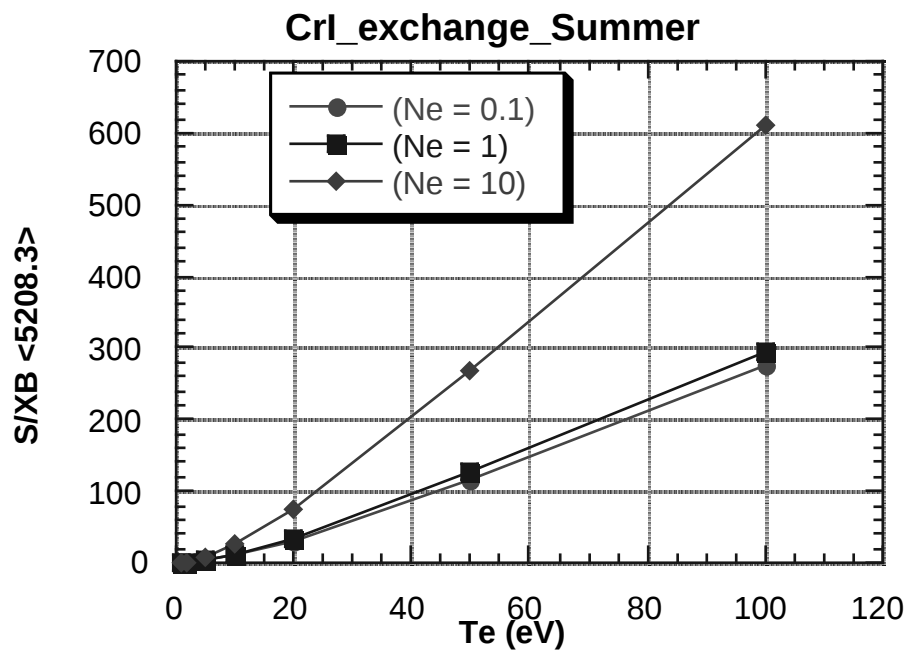






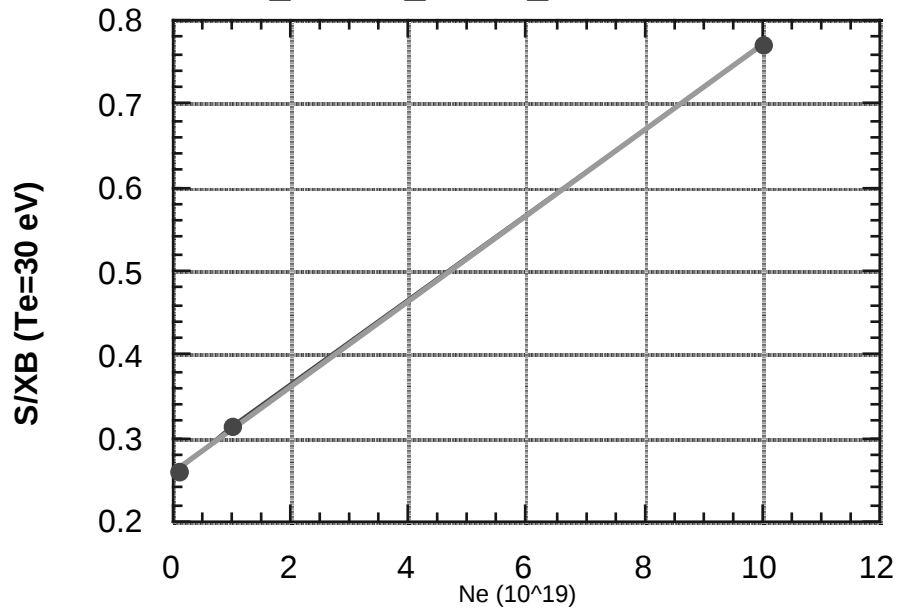
Cr I





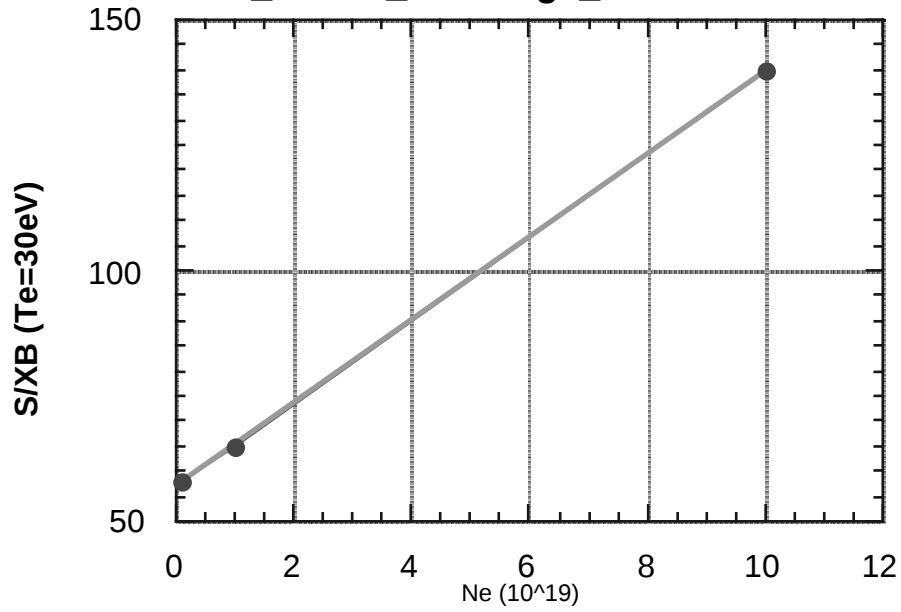
$y = 0.25917 + 0.051126x$ $R = 0.99987$

Crl_5208.3_direct_Summers

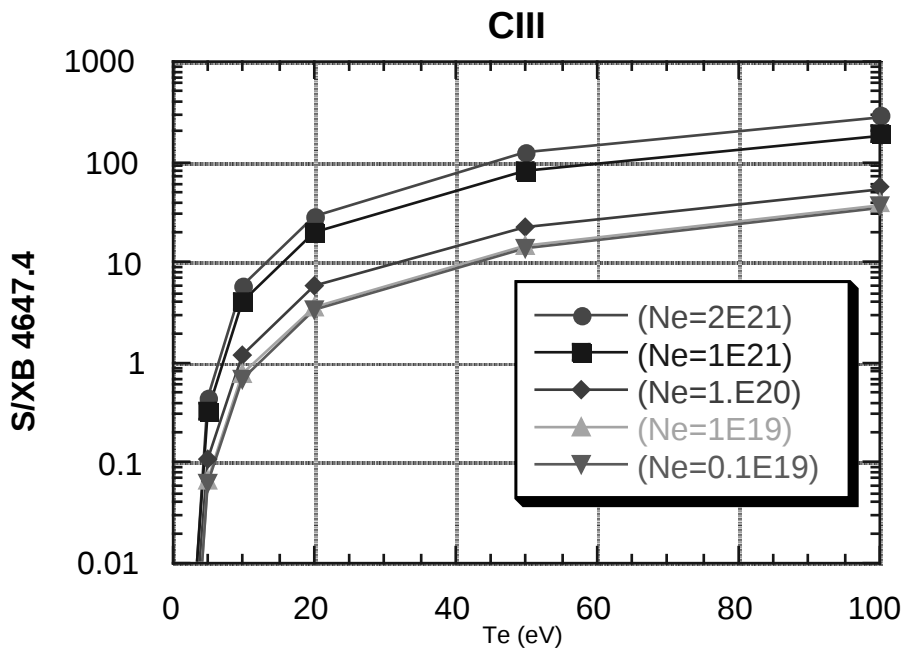


$y = 56.944 + 8.3033x$ $R = 0.99999$

Crl_5208.3_exchange_Summer



CARBON



$y = 5.3222 + 0.36787x$ $R = 0.99999$

