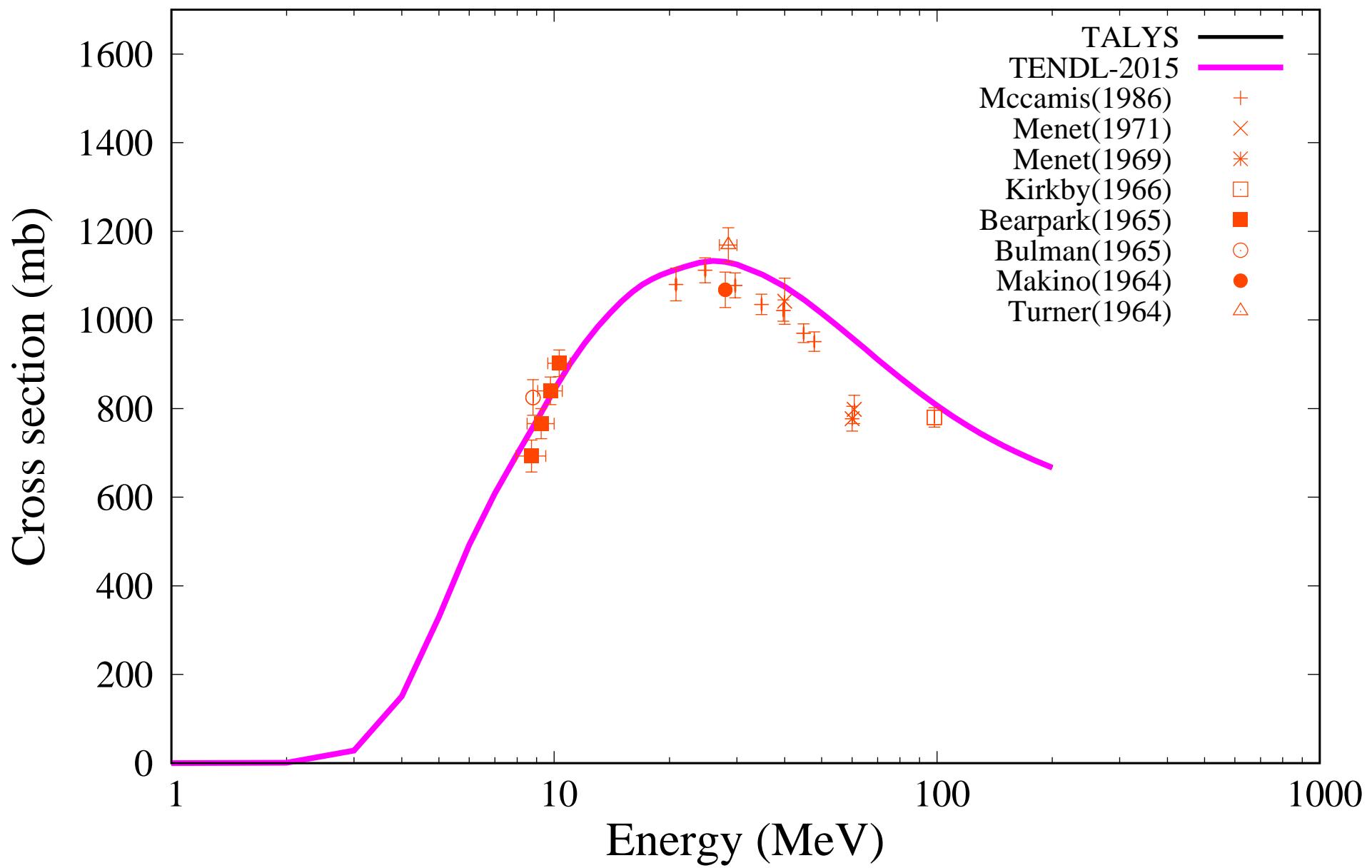
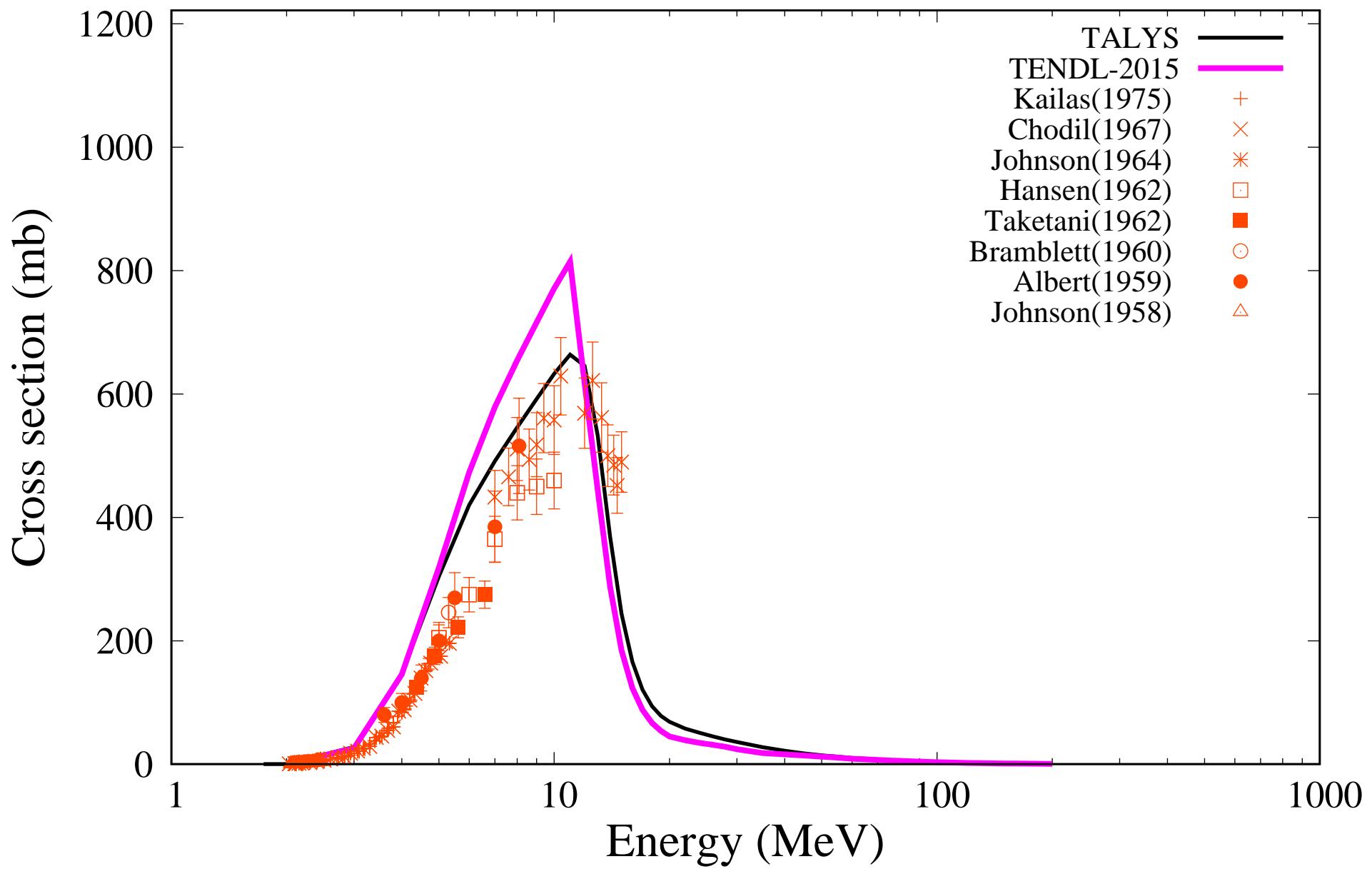
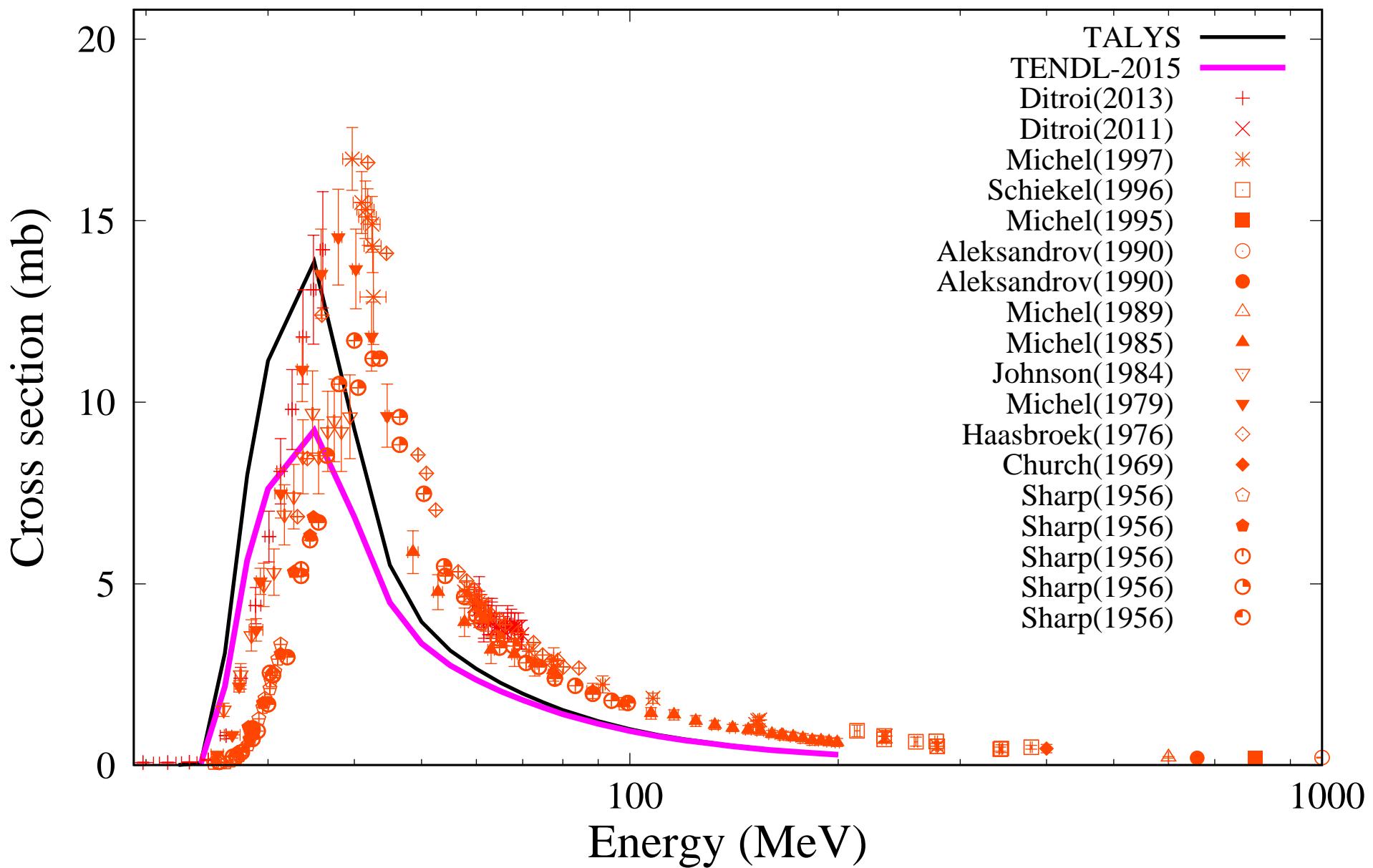
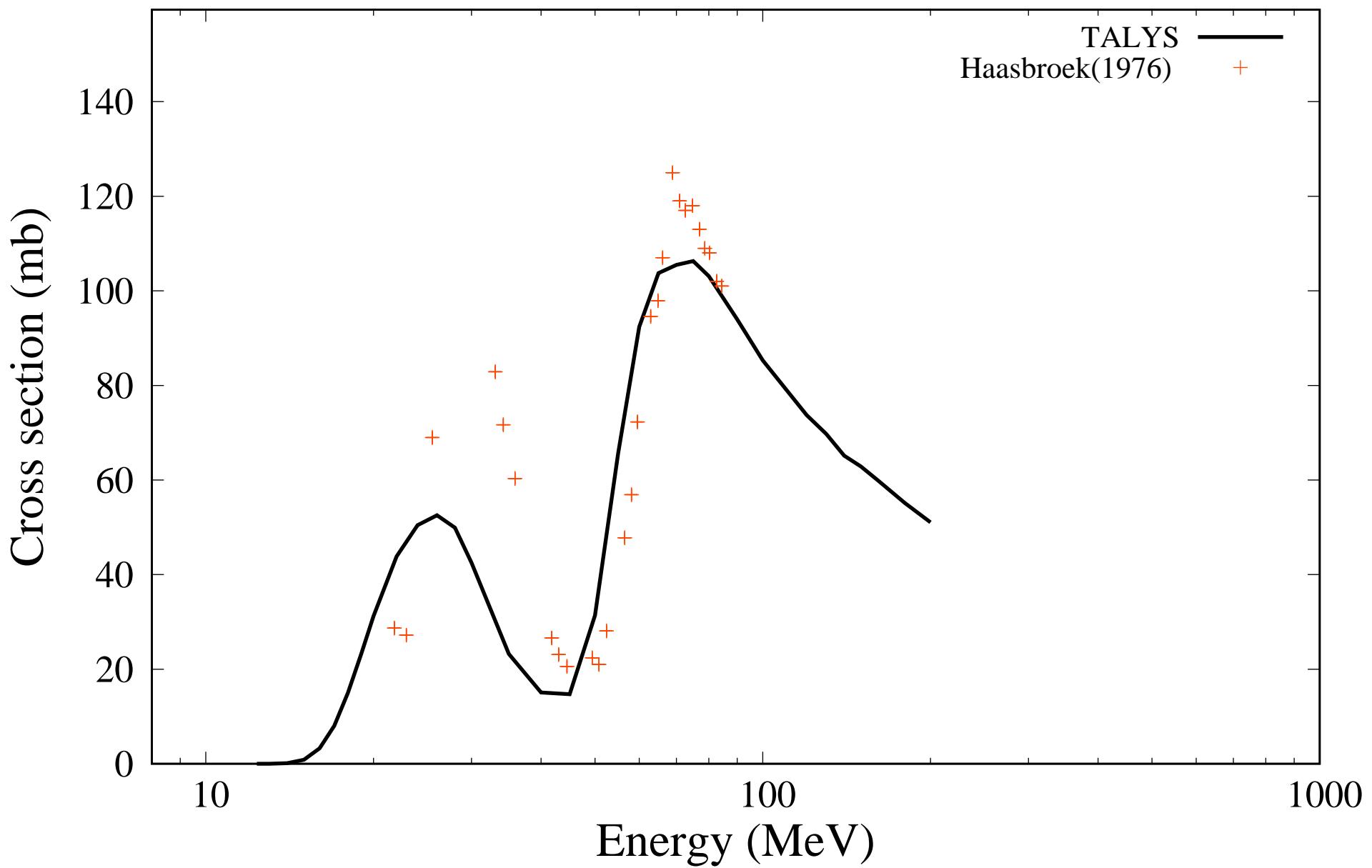
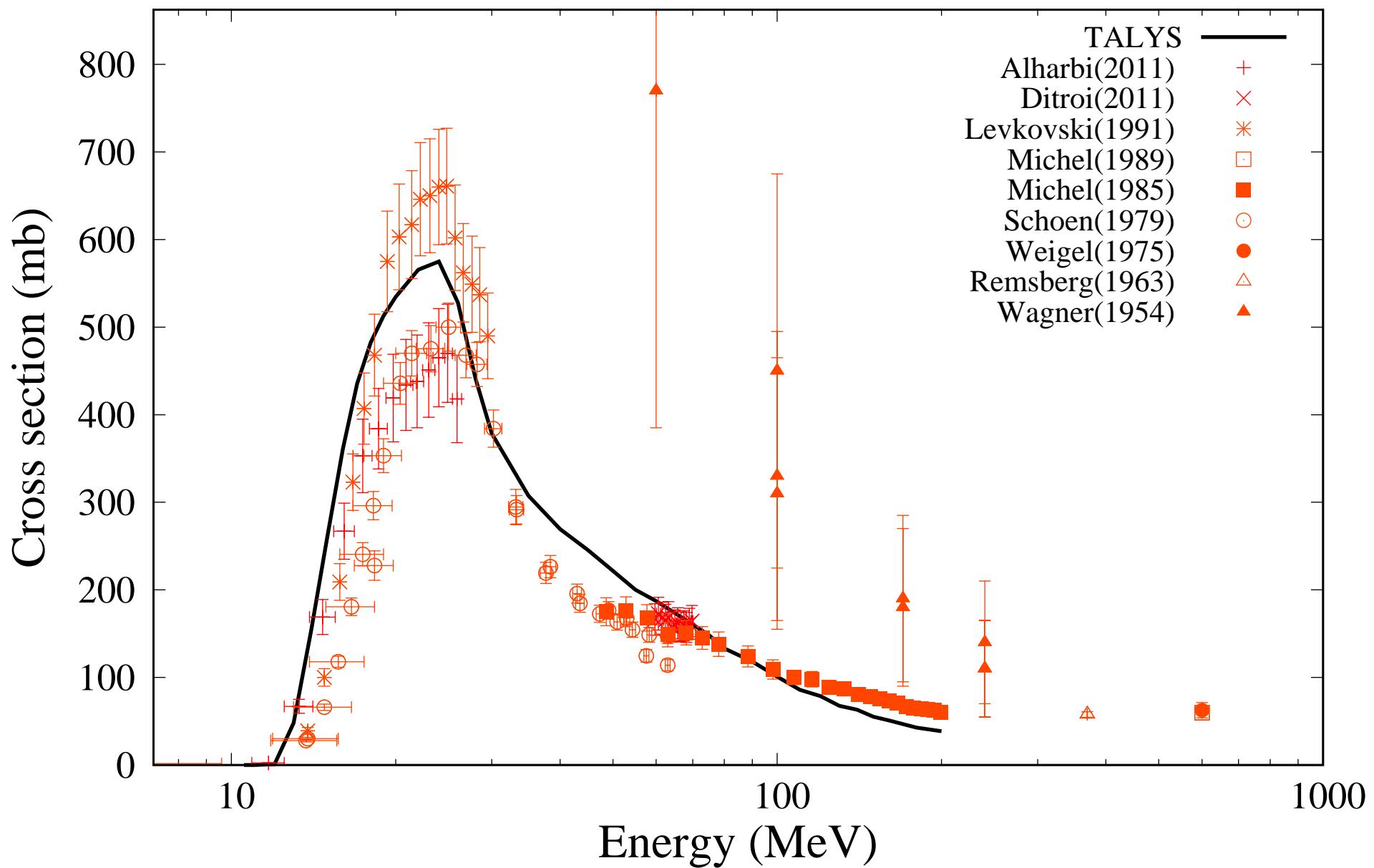


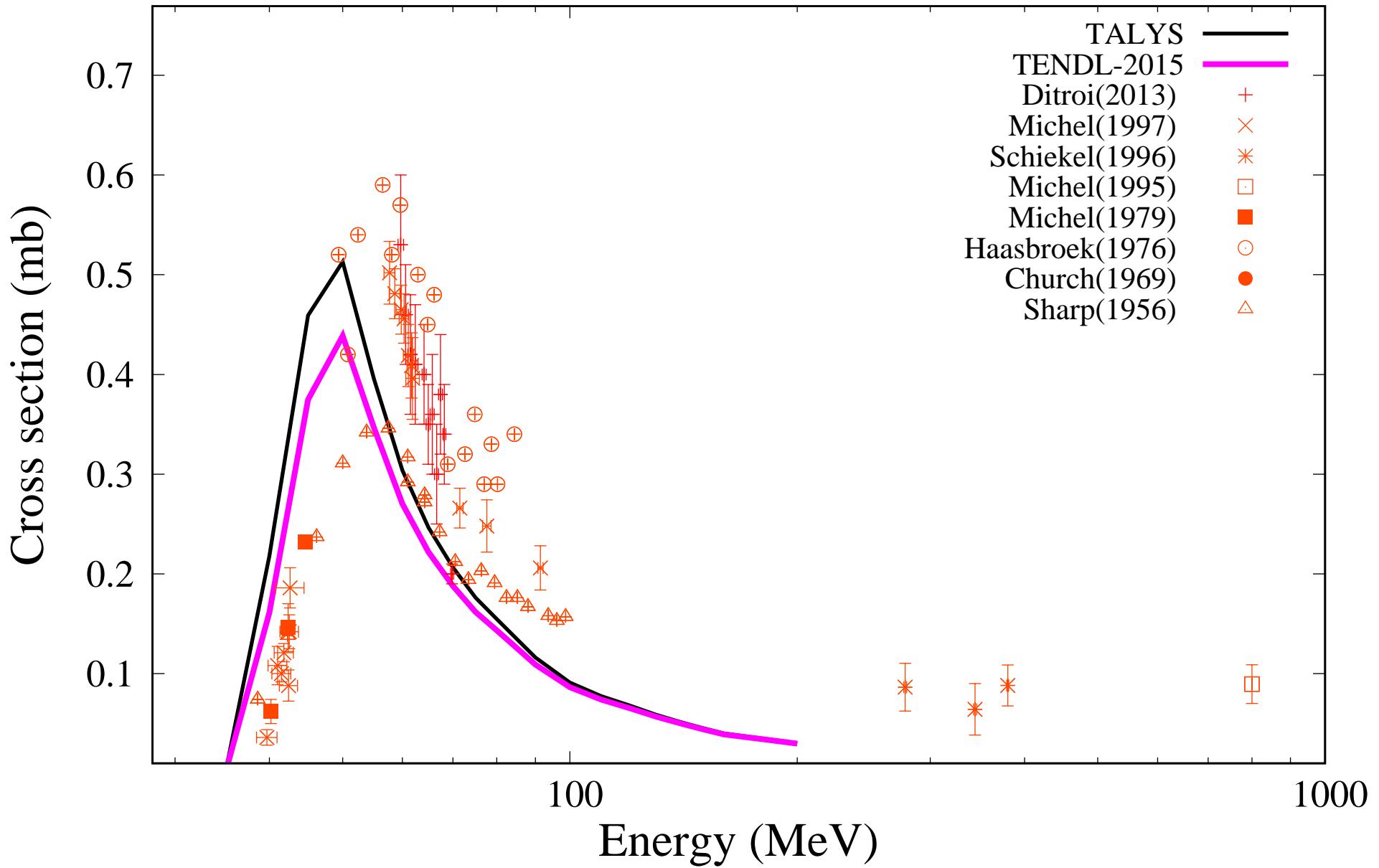
$^{59}\text{Co}(\text{p},\text{non})$ 

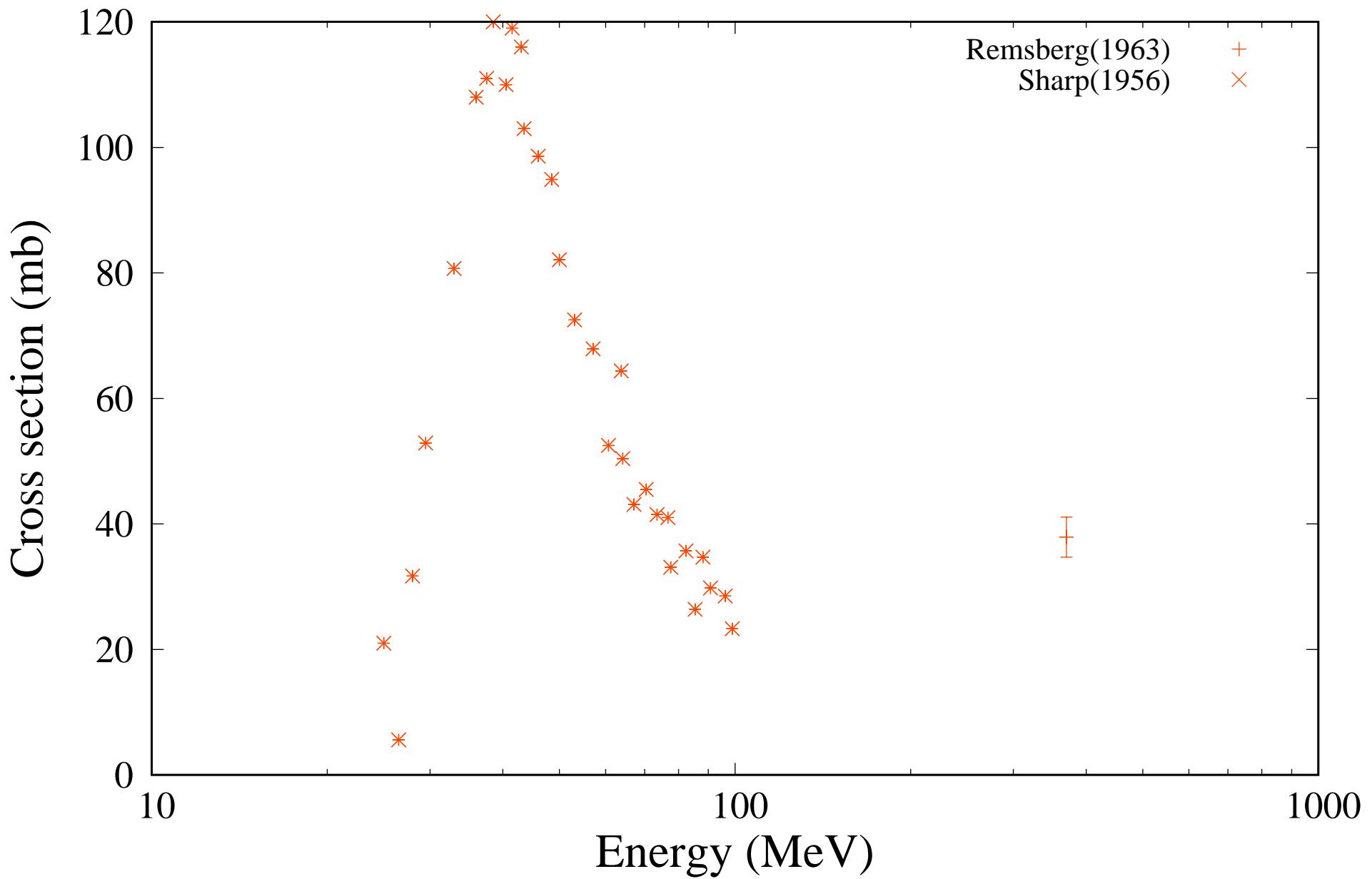
$^{59}\text{Co}(\text{p},\text{n})^{59}\text{Ni}$ 

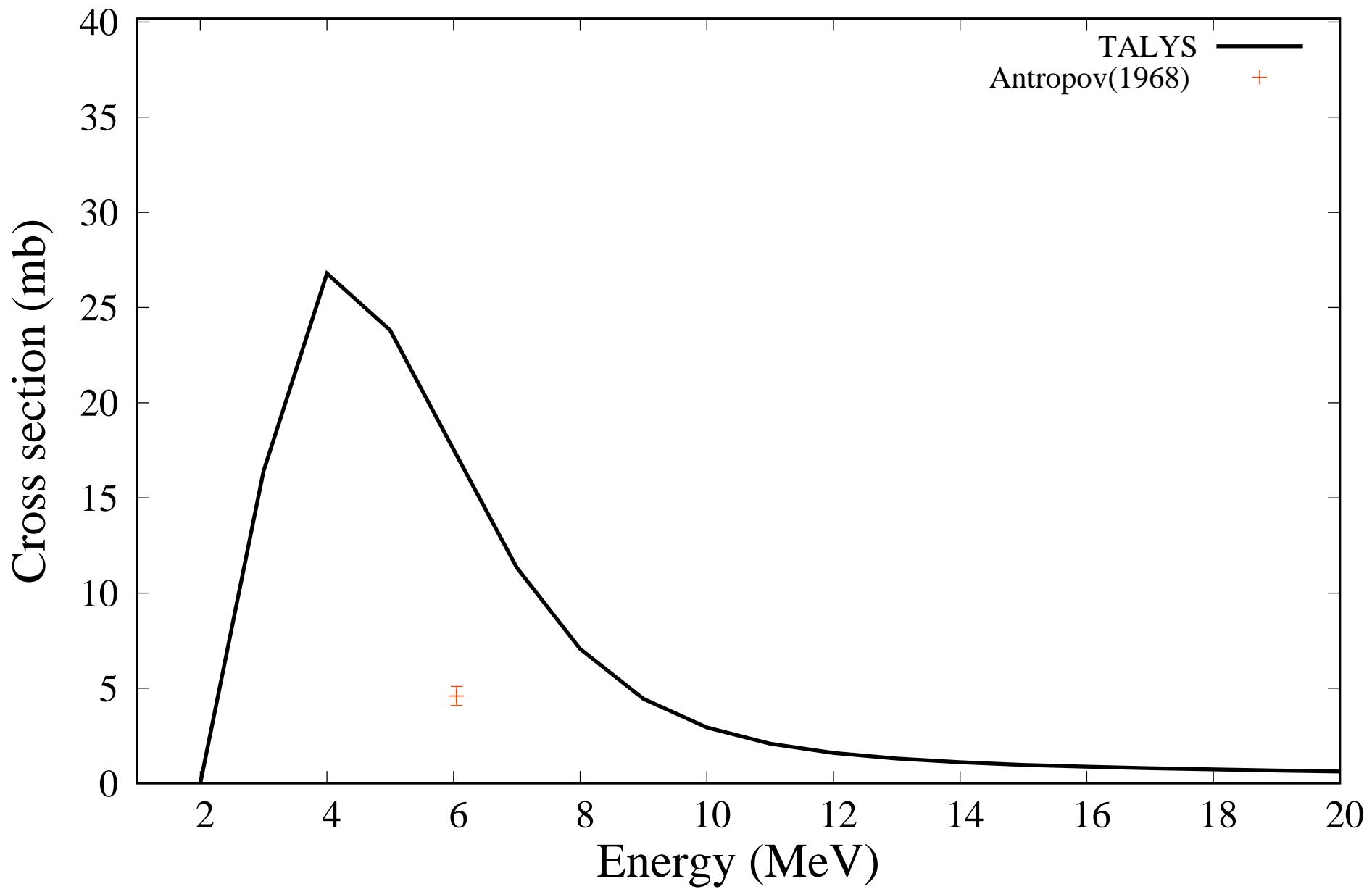
$^{59}\text{Co}(\text{p},3\text{n})^{57}\text{Ni}$ 

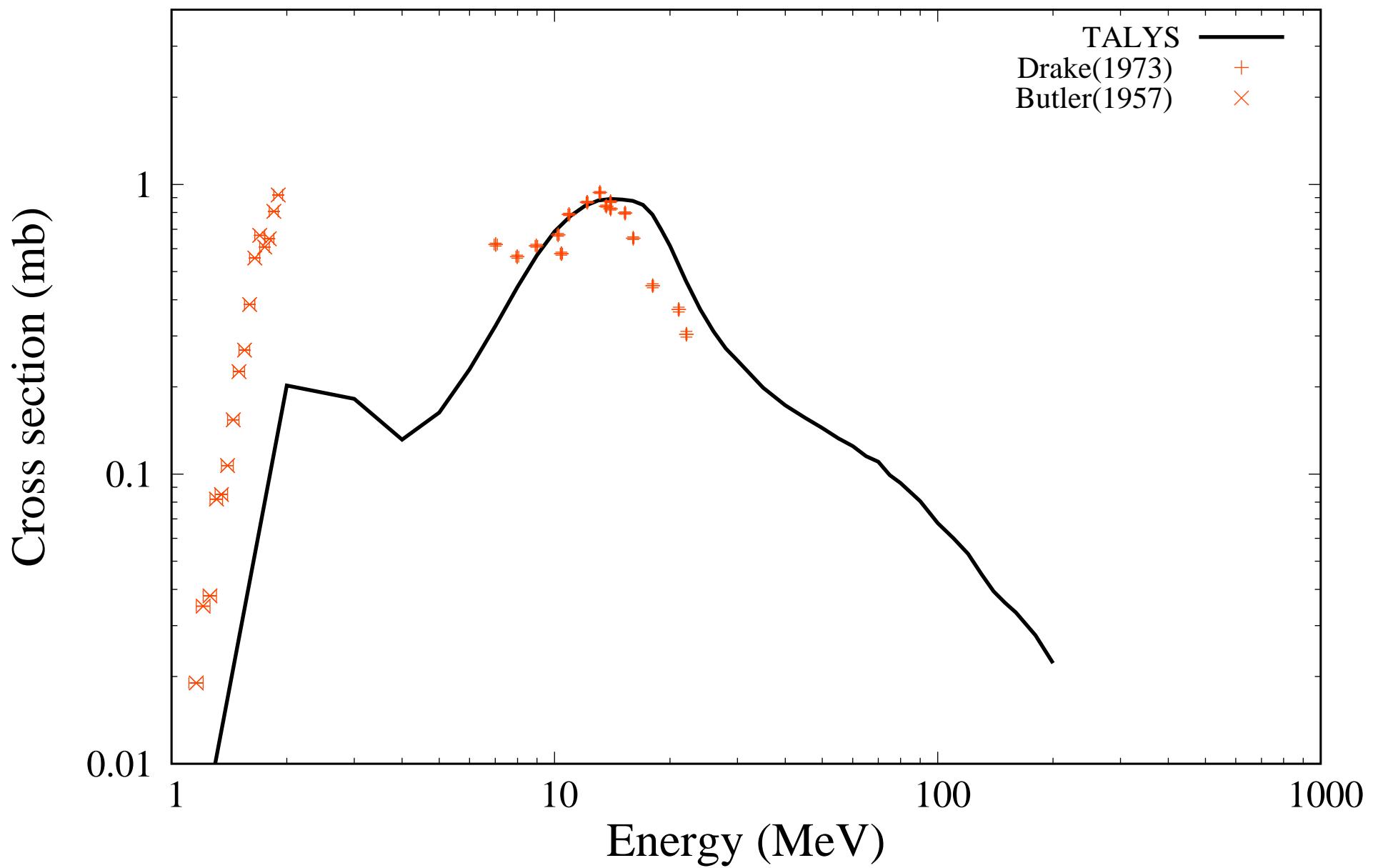


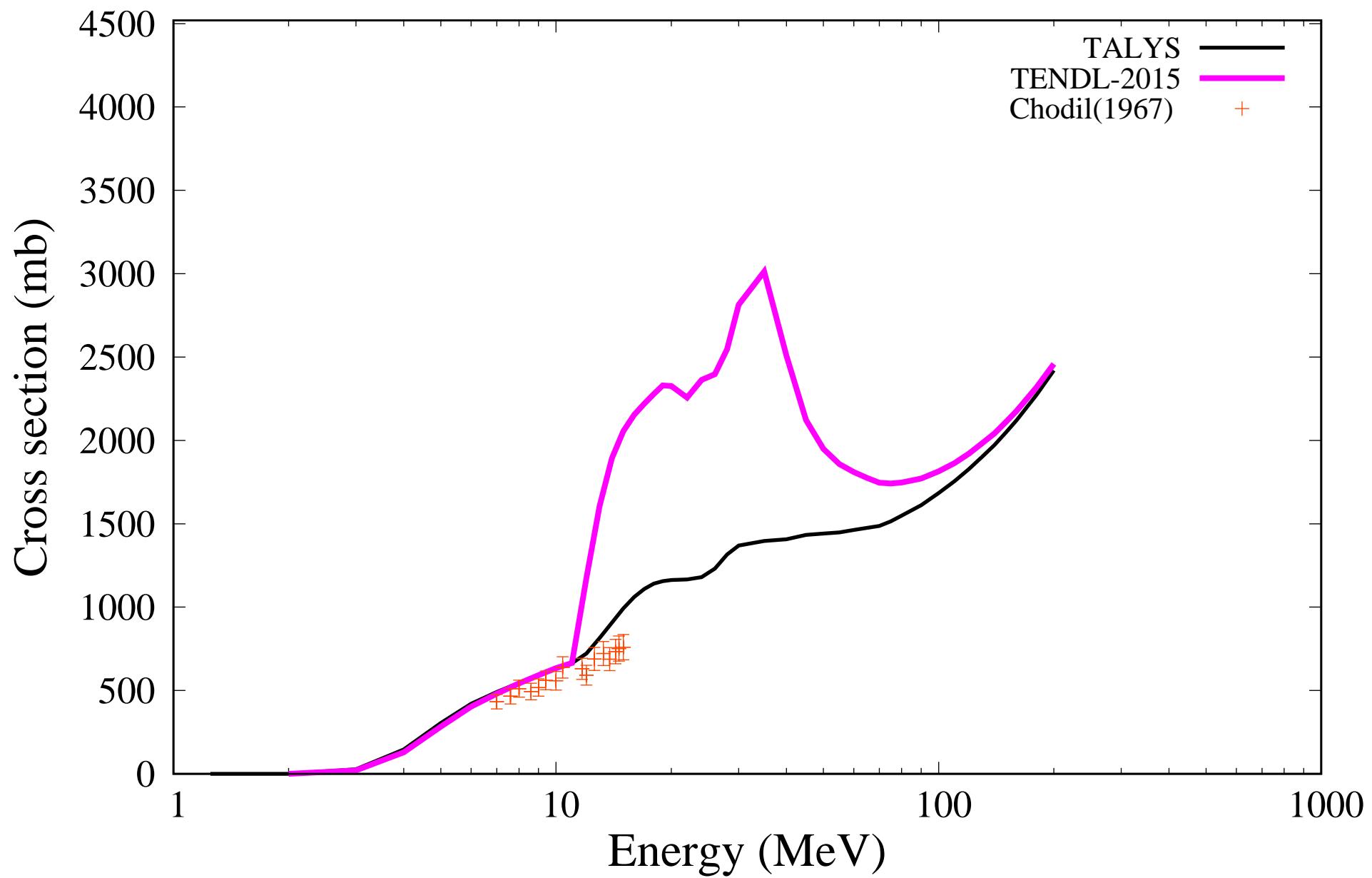
$$^{59}\text{Co}(\text{p,np})^{58}\text{Co}$$


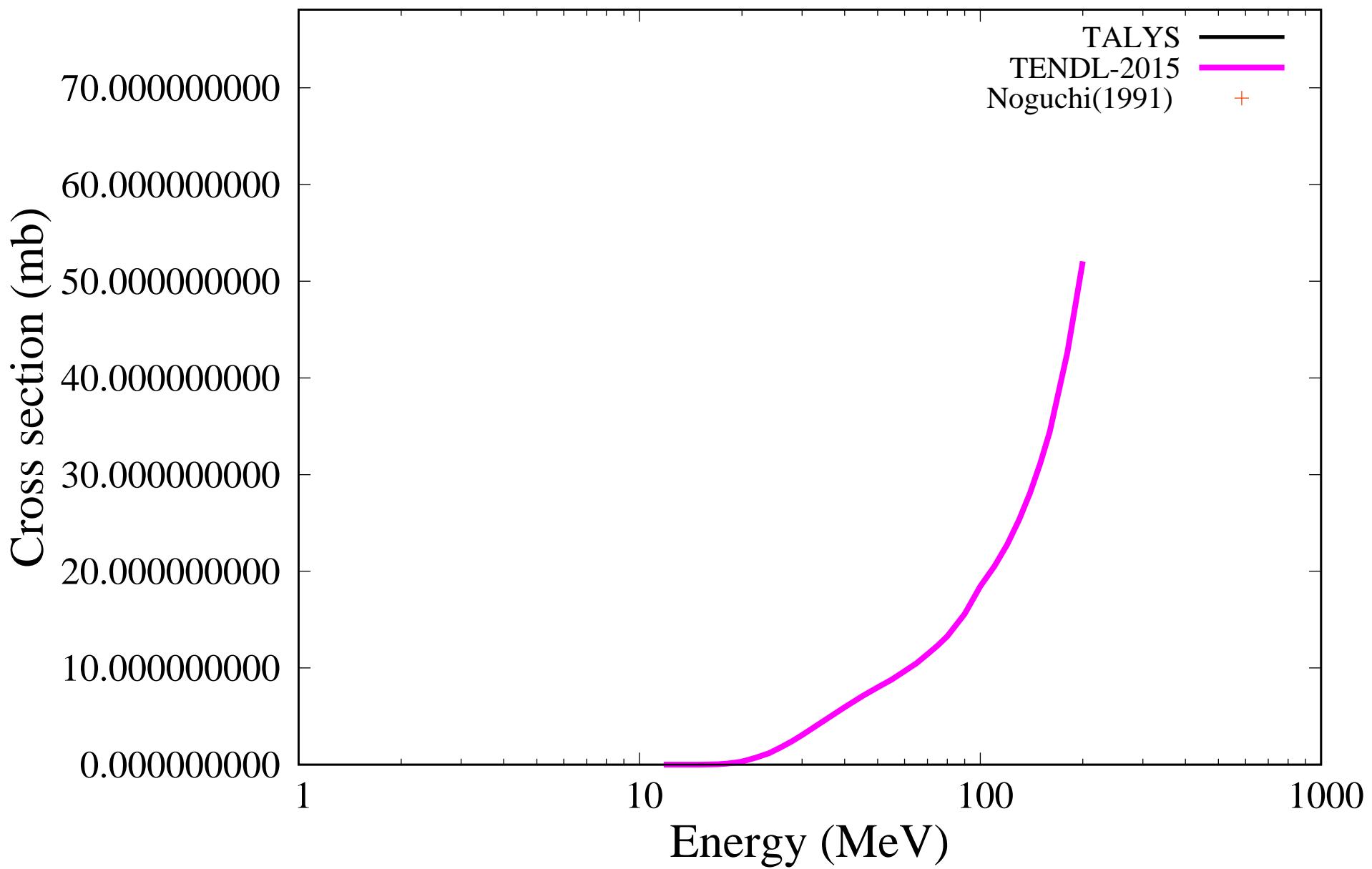
$$^{59}\text{Co}(\text{p},4\text{n})^{56}\text{Ni}$$


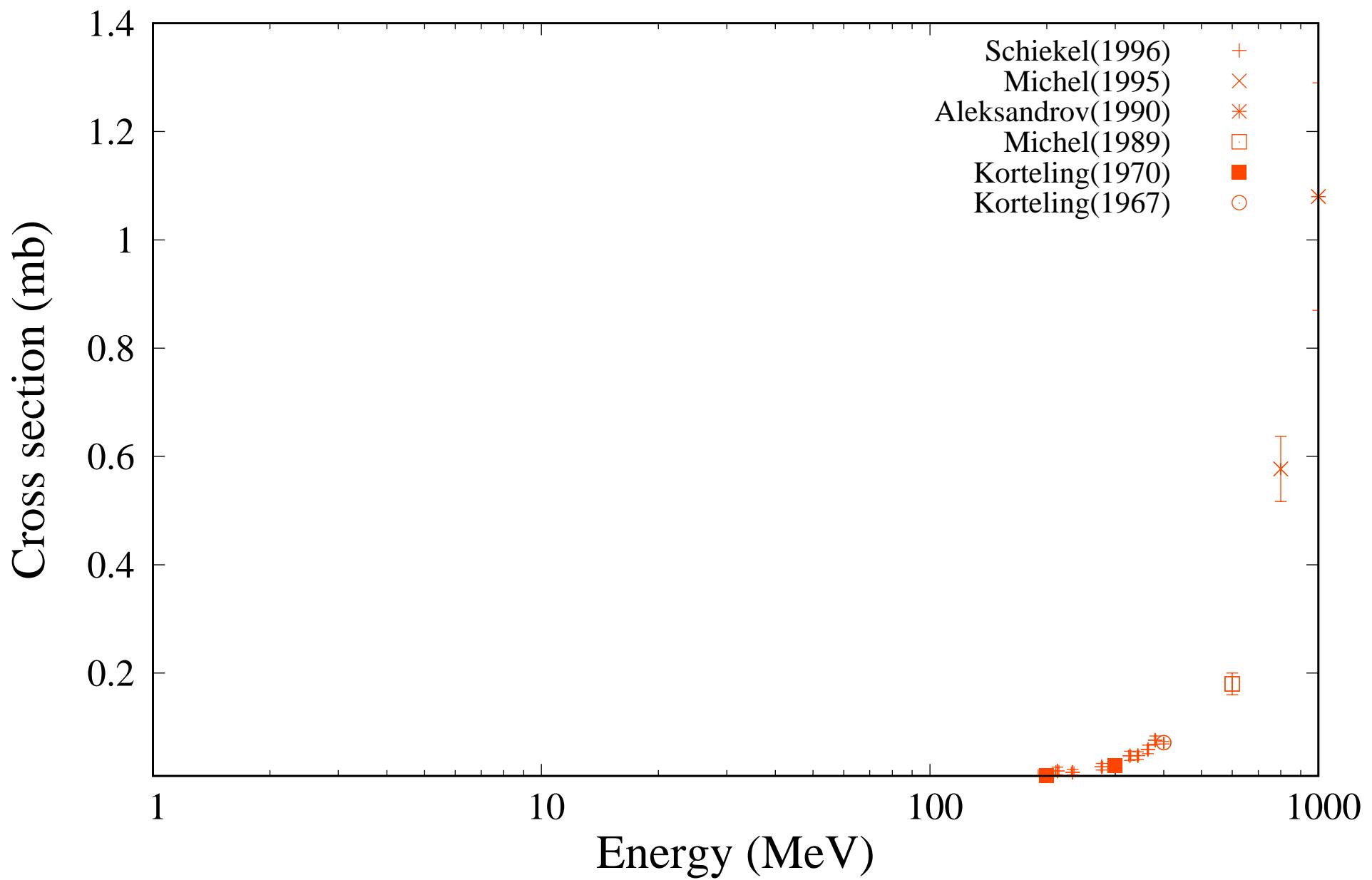
$$^{59}\text{Co}(\text{p},2\text{np})^{57}\text{Co}$$


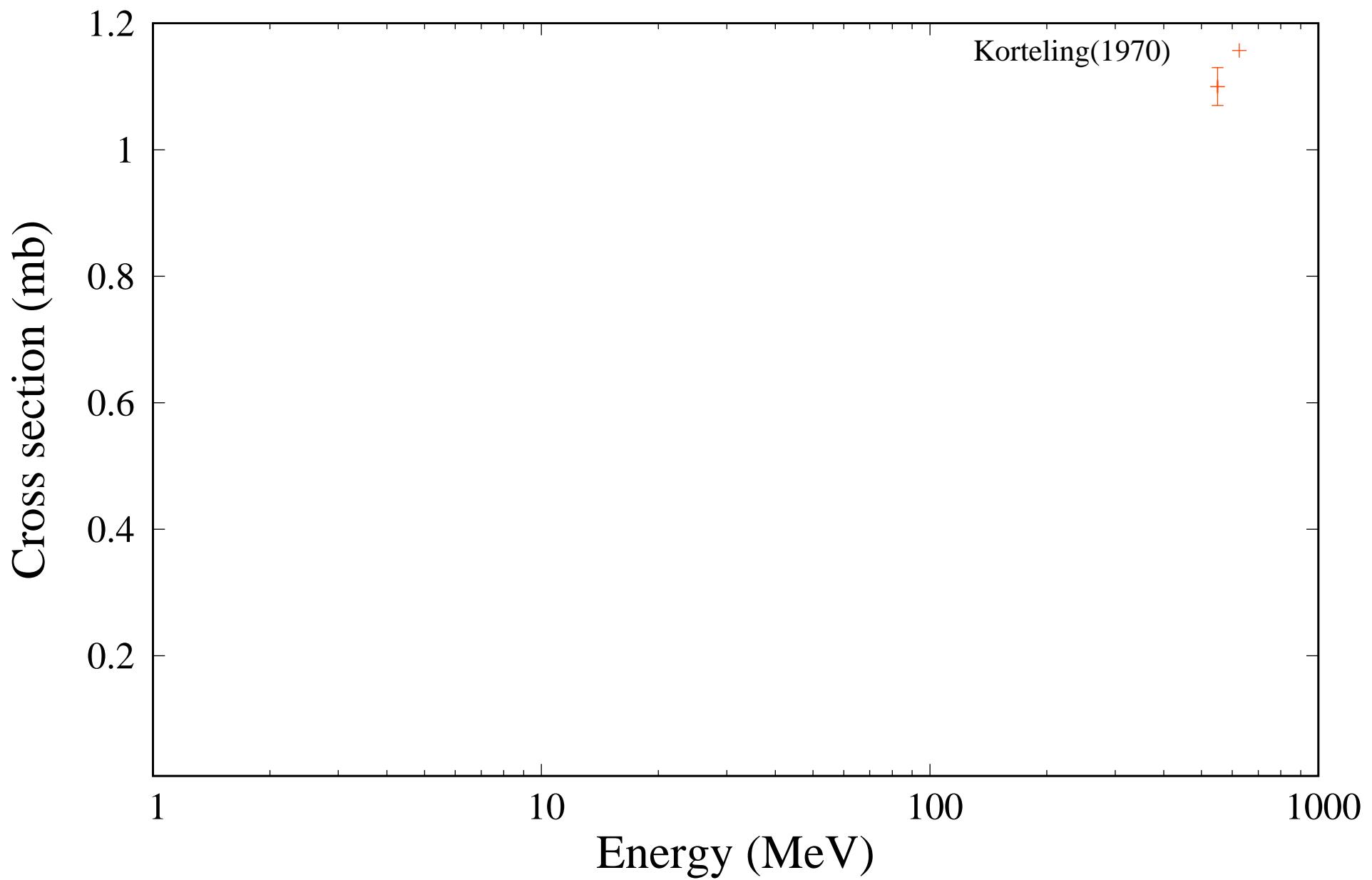
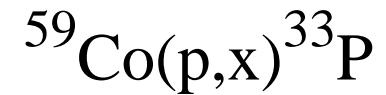
$$^{59}\text{Co}(\text{p},\text{n}_1^{\prime })^{59}\text{Ni}$$


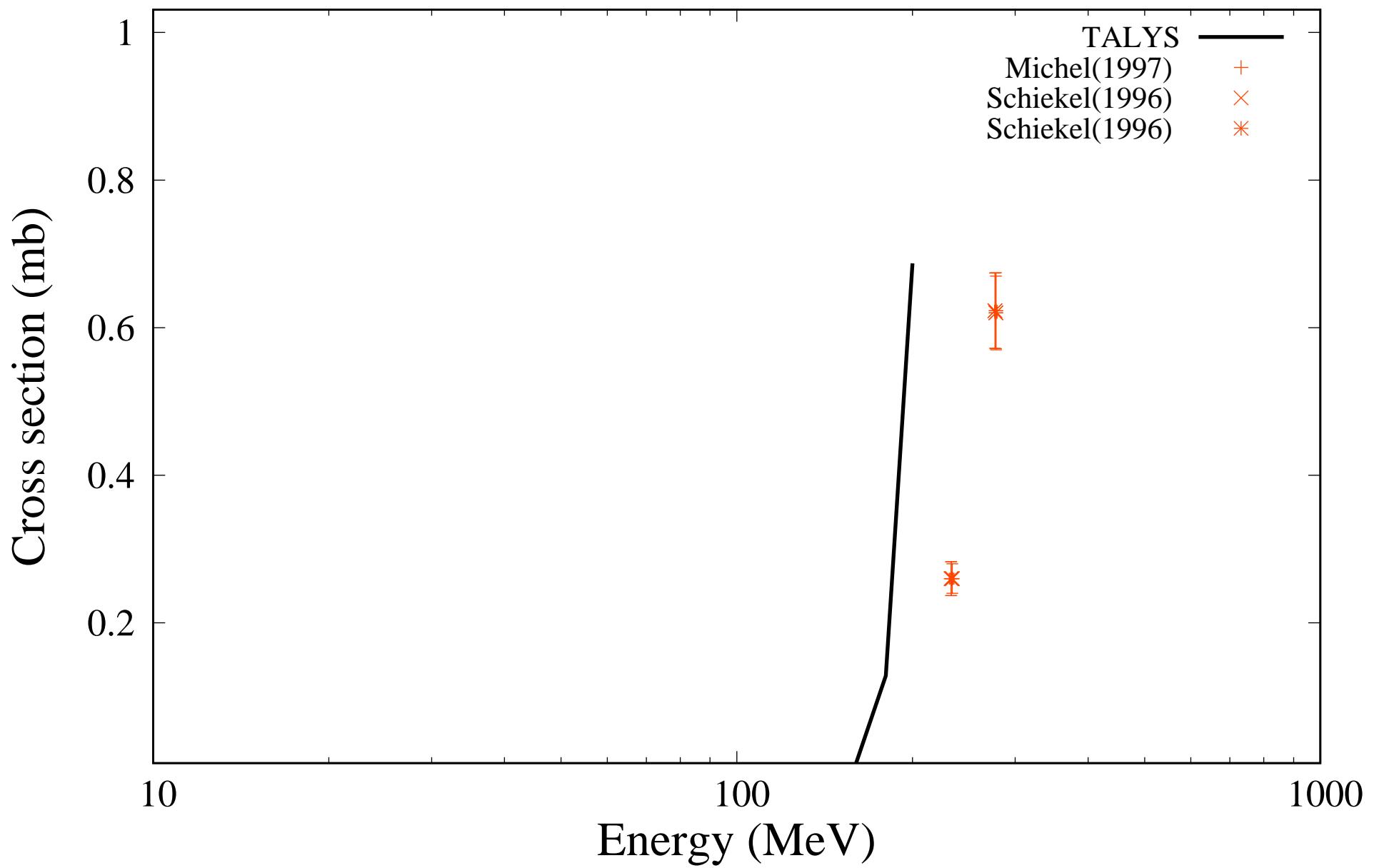
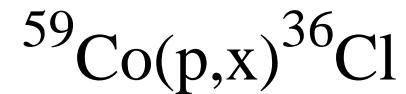


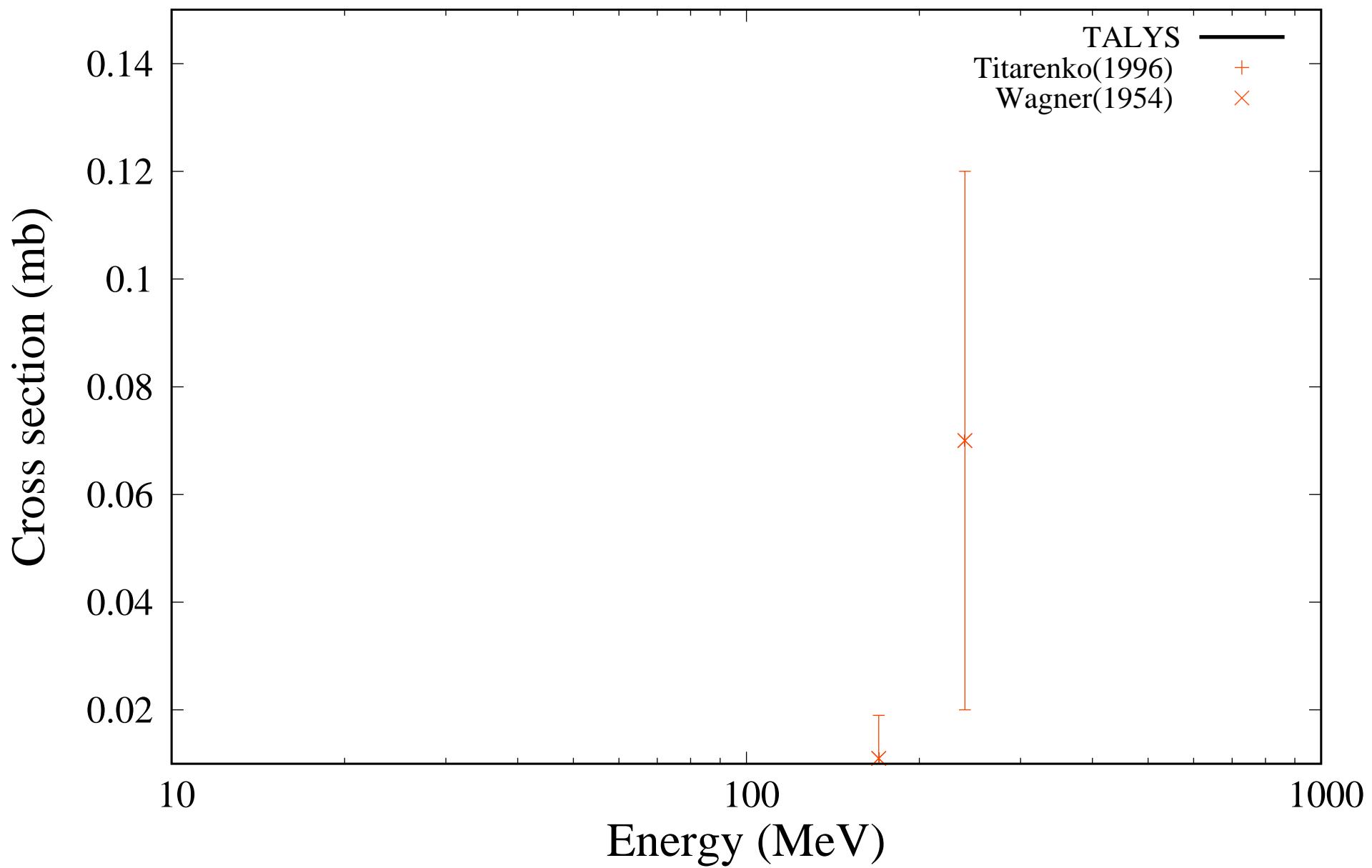
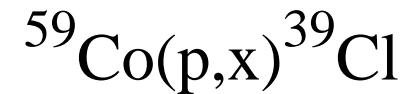
$^{59}\text{Co}(\text{p},\text{xn})$ 

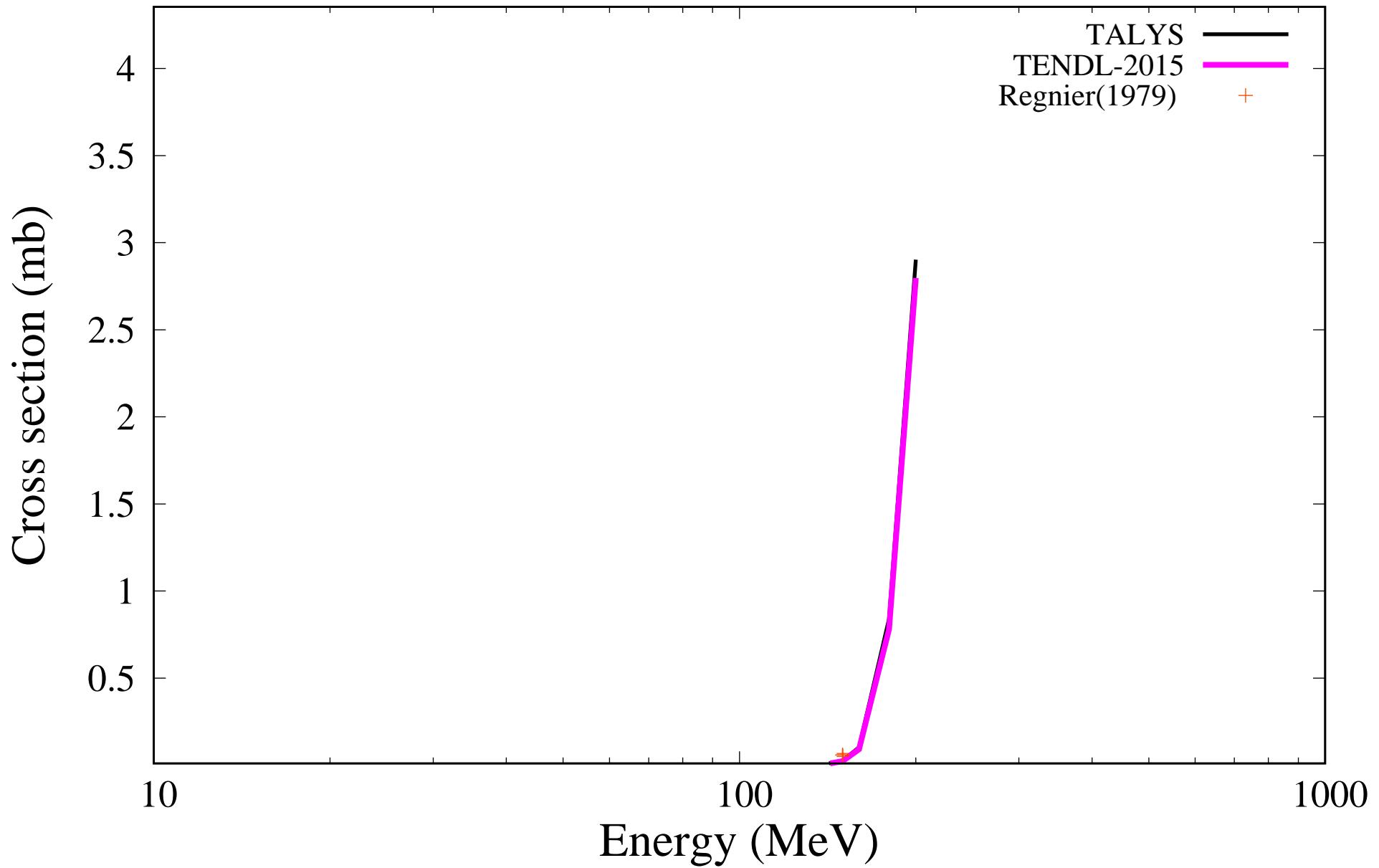
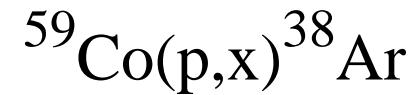
$^{59}\text{Co}(\text{p},\text{xt})$ 

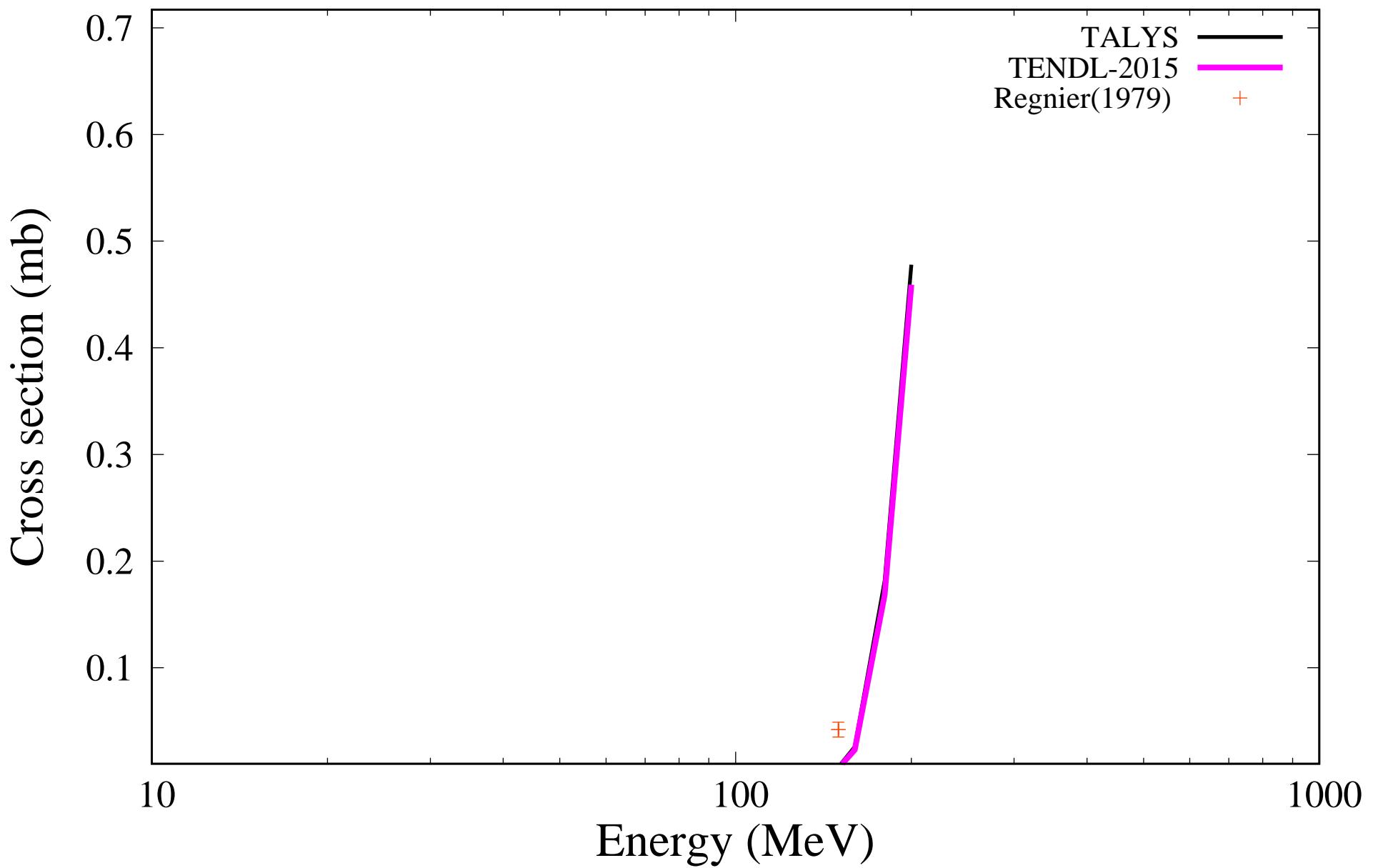
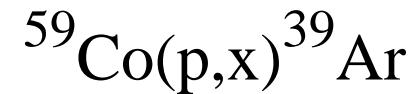
$^{59}\text{Co}(\text{p},\text{x})^{22}\text{Na}$ 

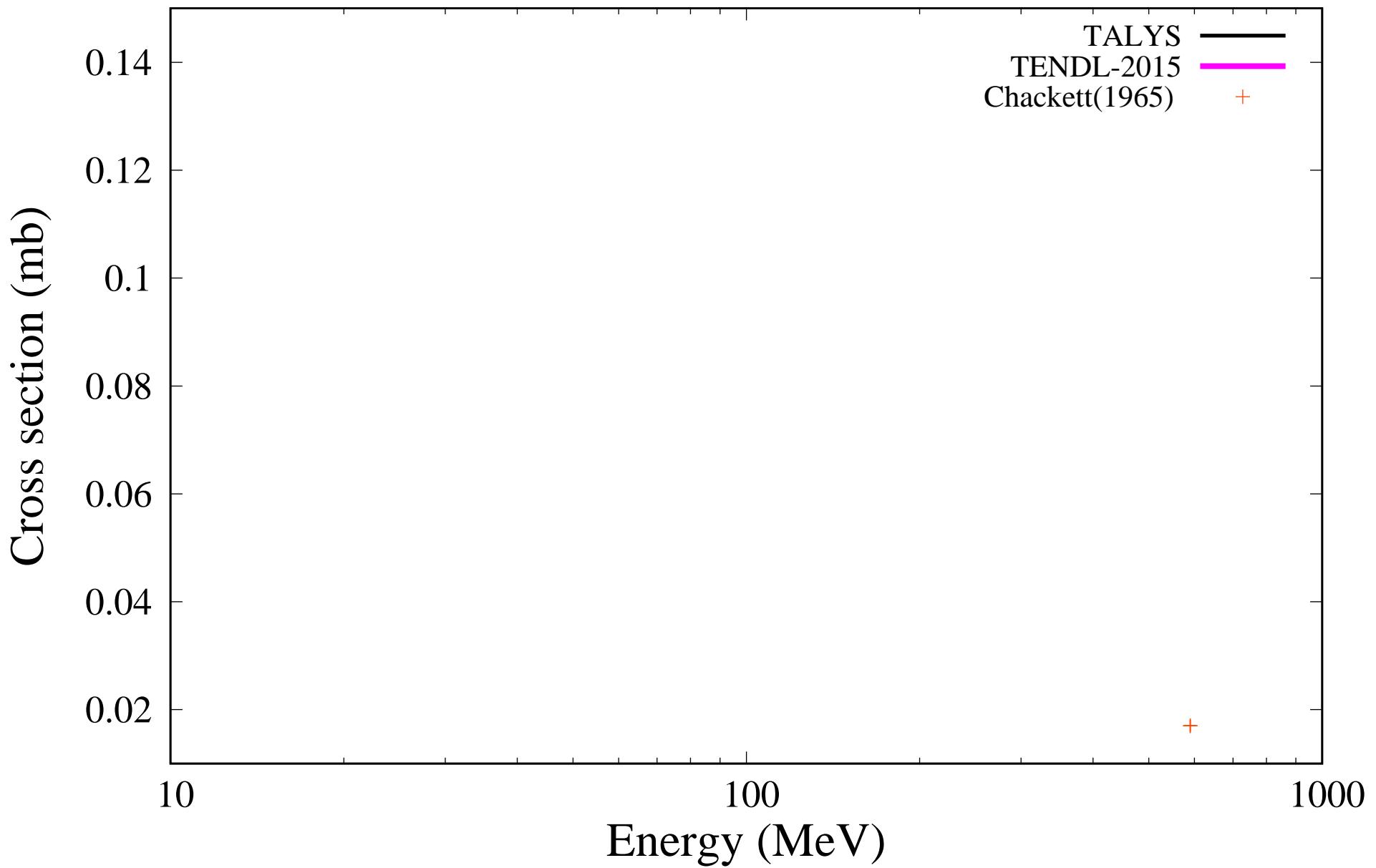


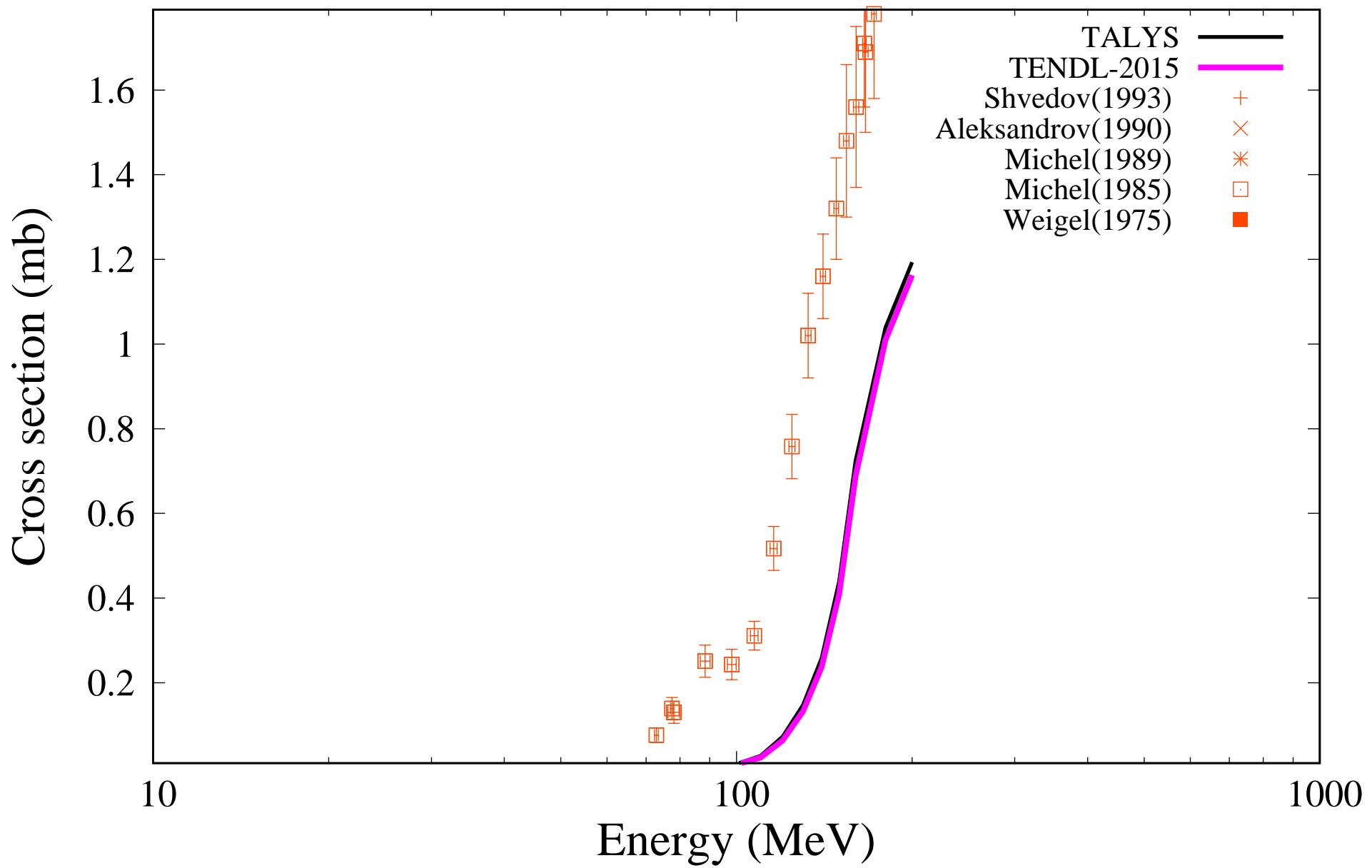


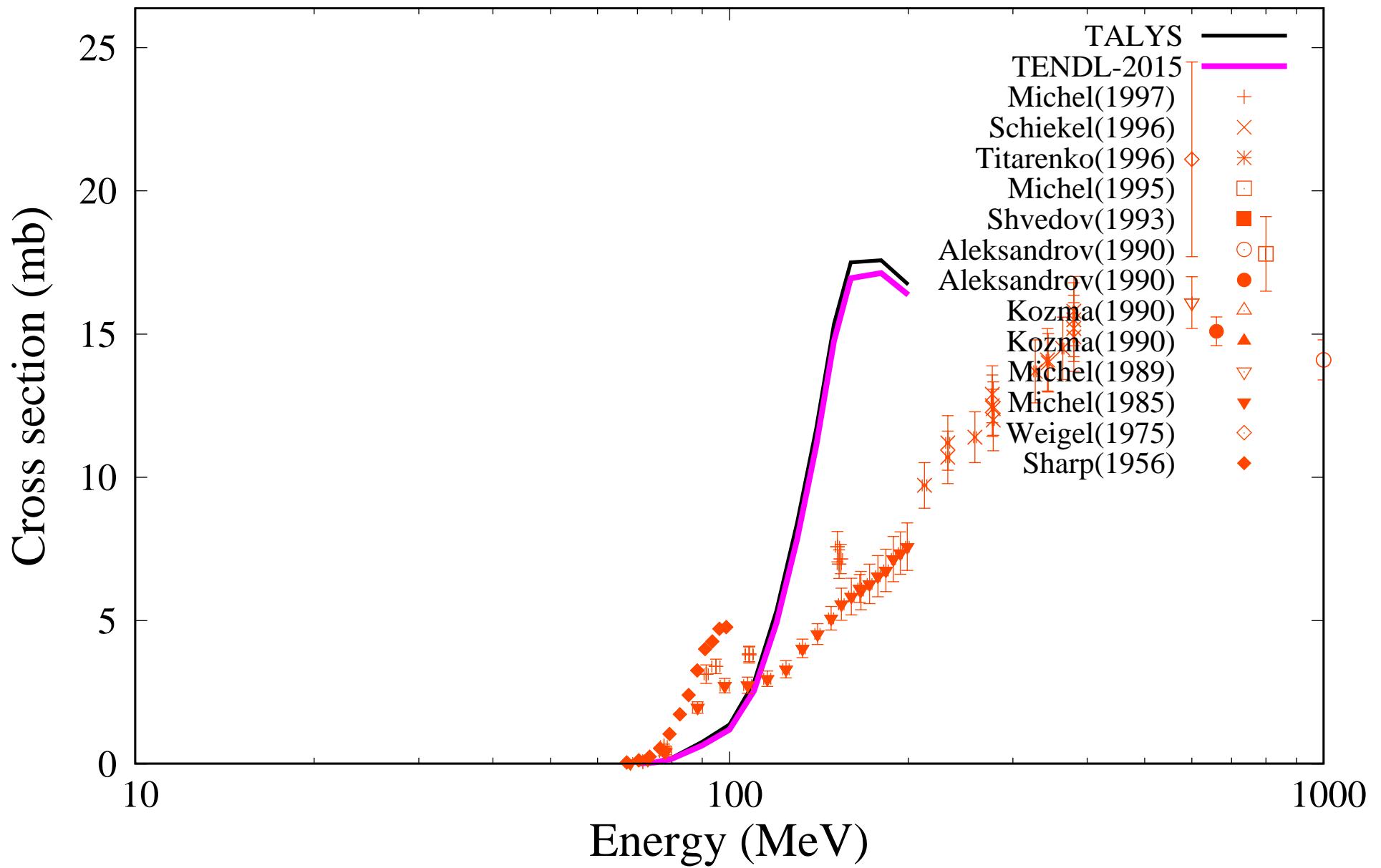


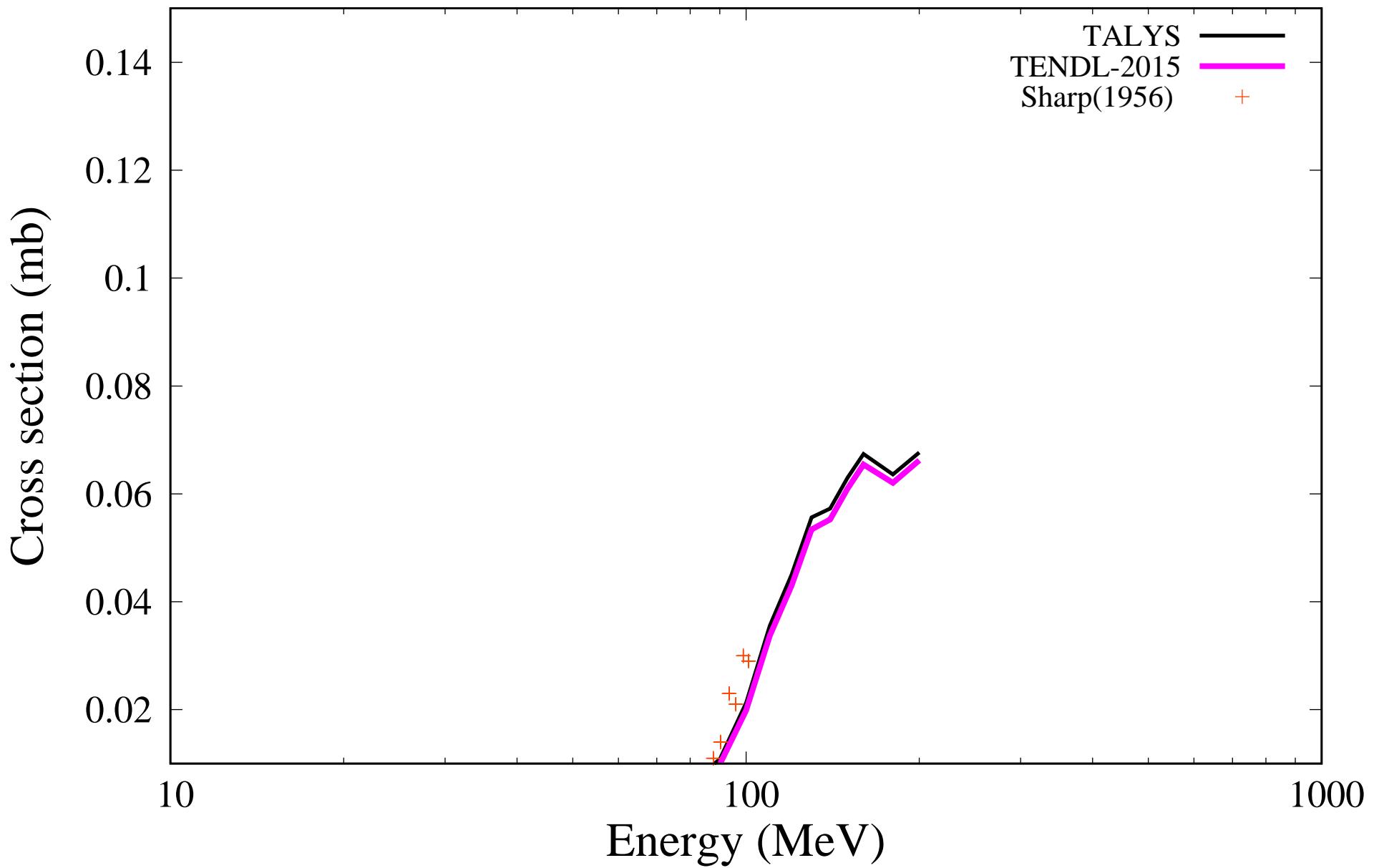


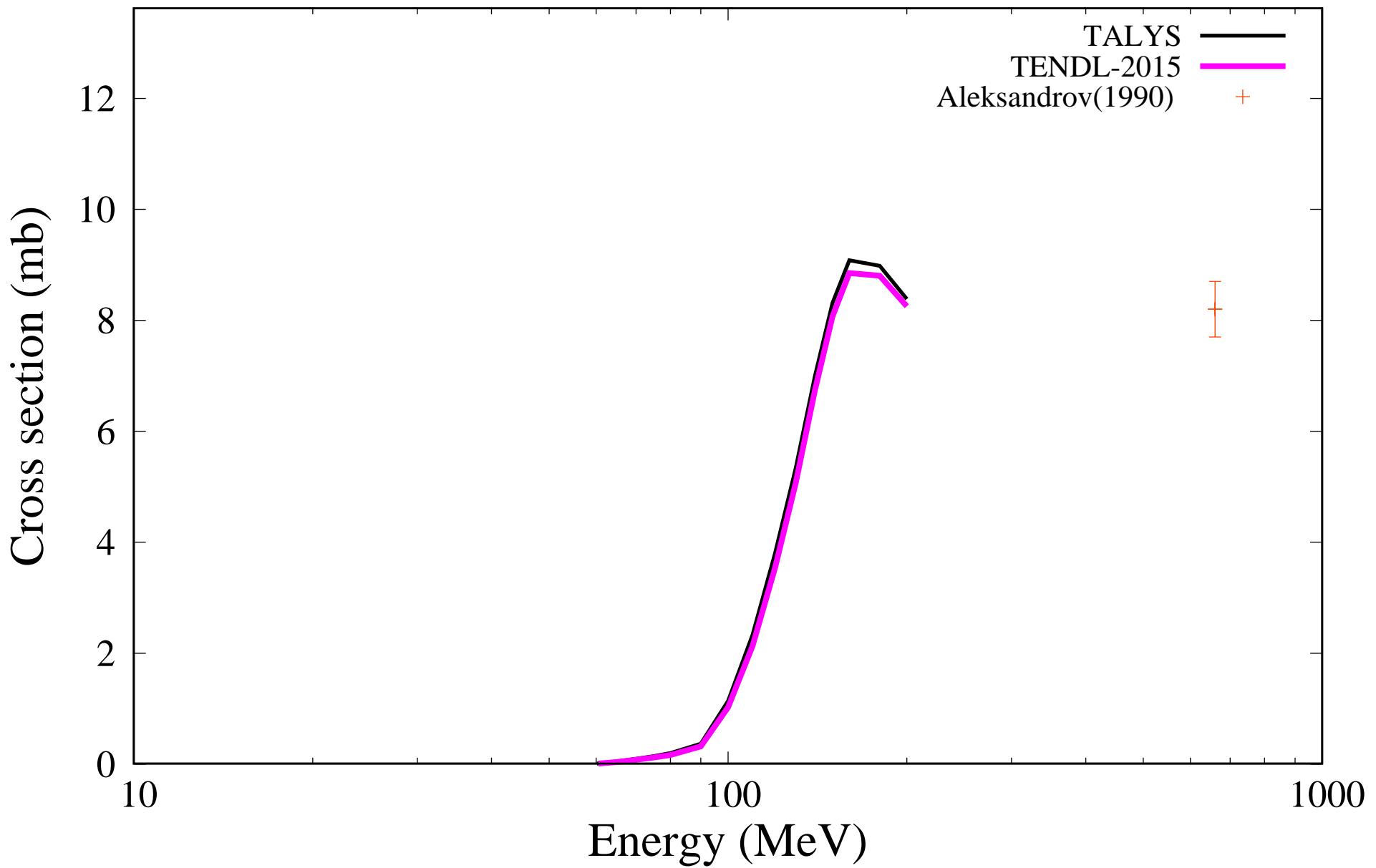
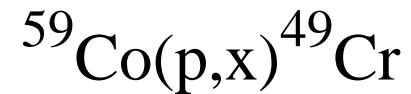


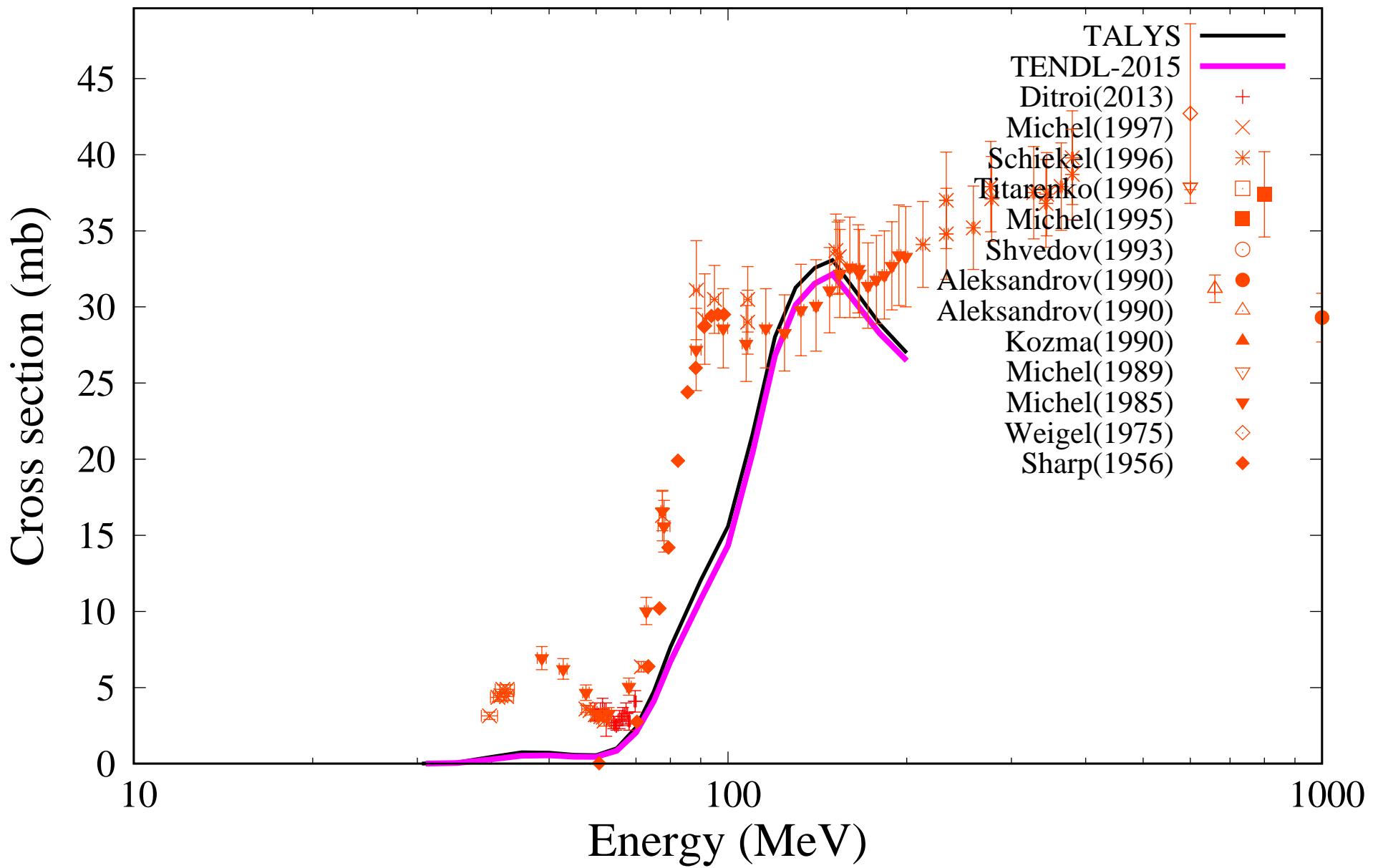
$$^{59}\text{Co}(\text{p},\text{x})^{45}\text{K}$$


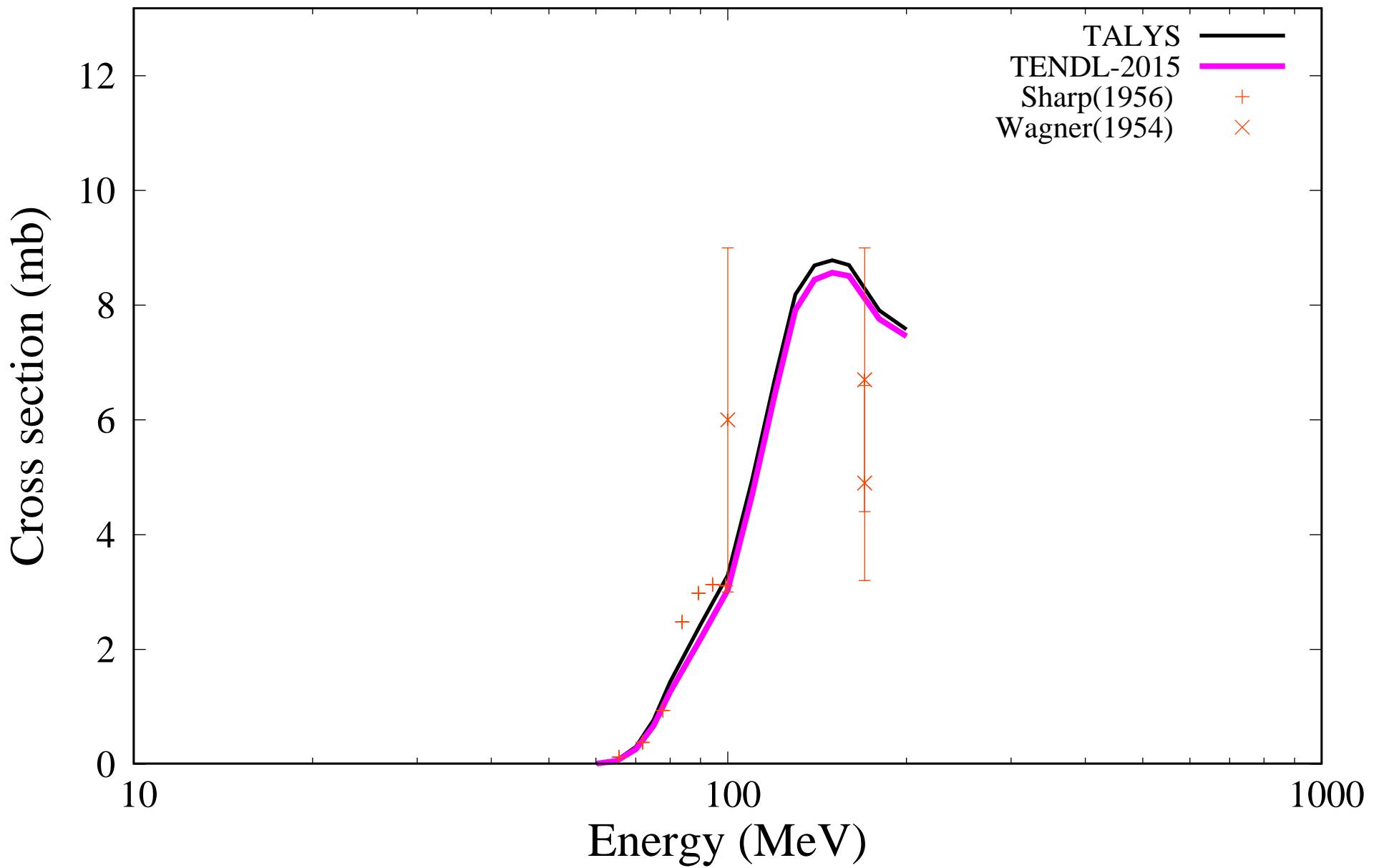
$$^{59}\text{Co}(\text{p},\text{x})^{46}\text{Sc}$$


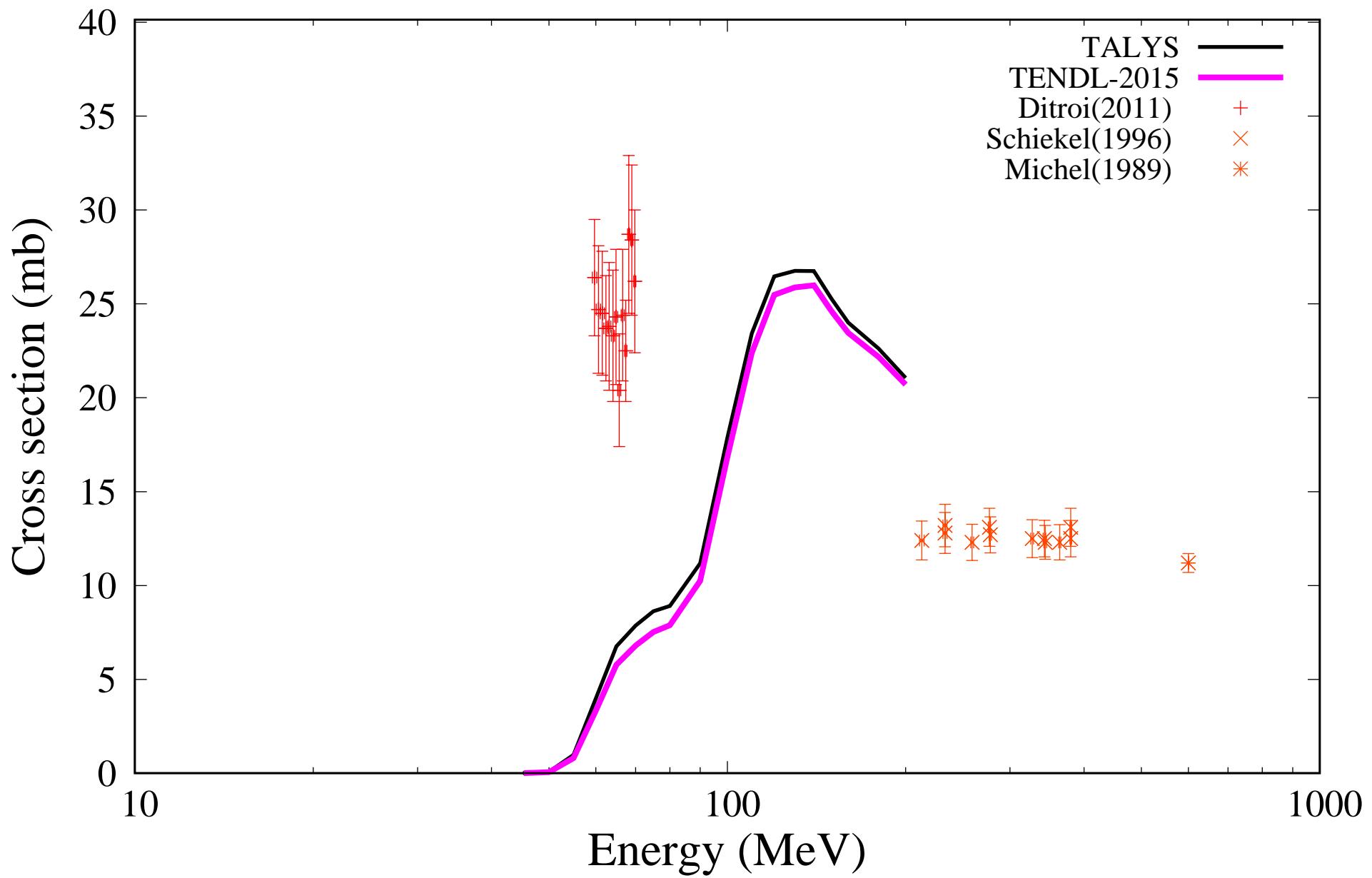
$^{59}\text{Co}(\text{p},\text{x})^{48}\text{V}$ 

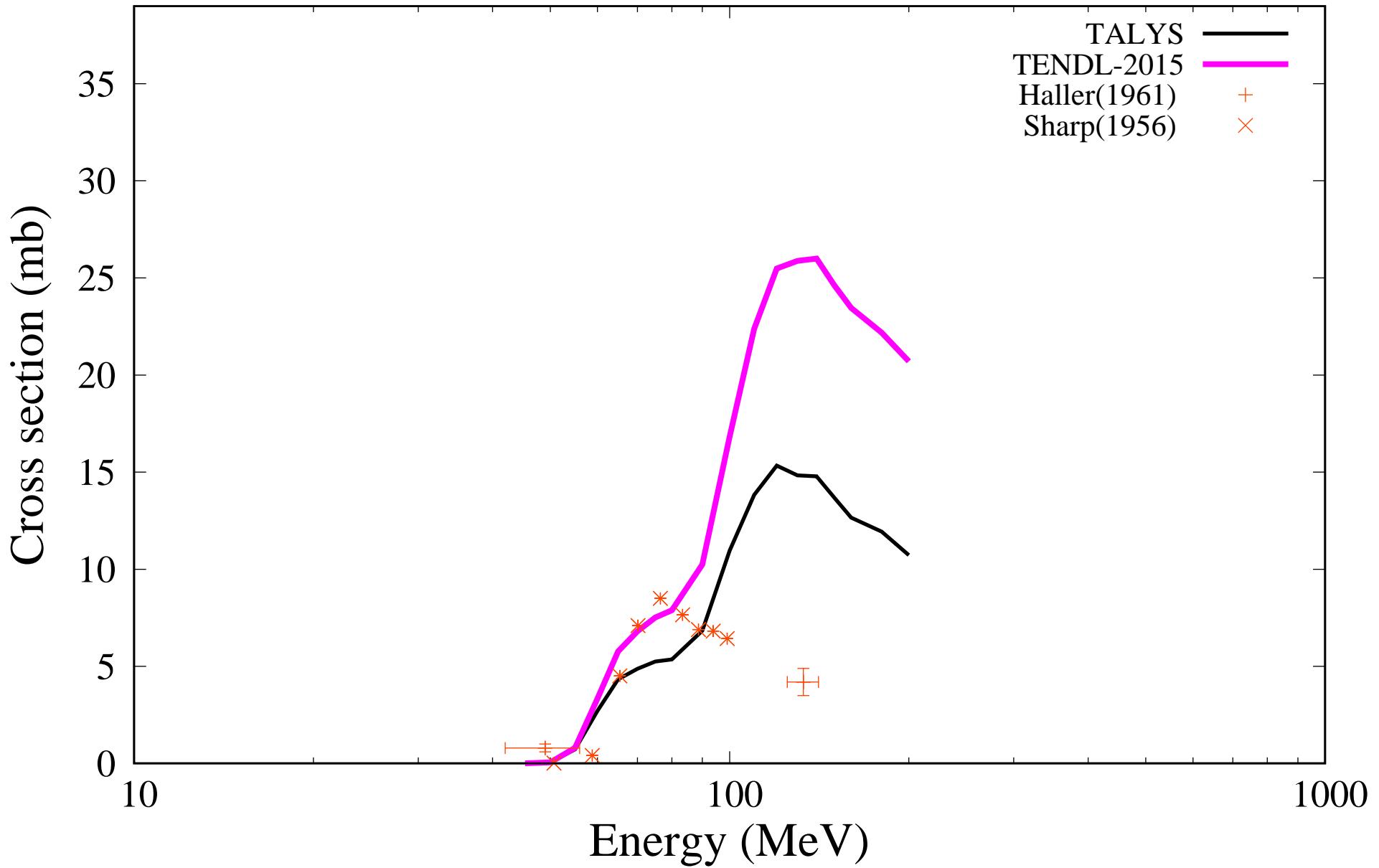
$$^{59}\text{Co}(\text{p},\text{x})^{53}\text{V}$$


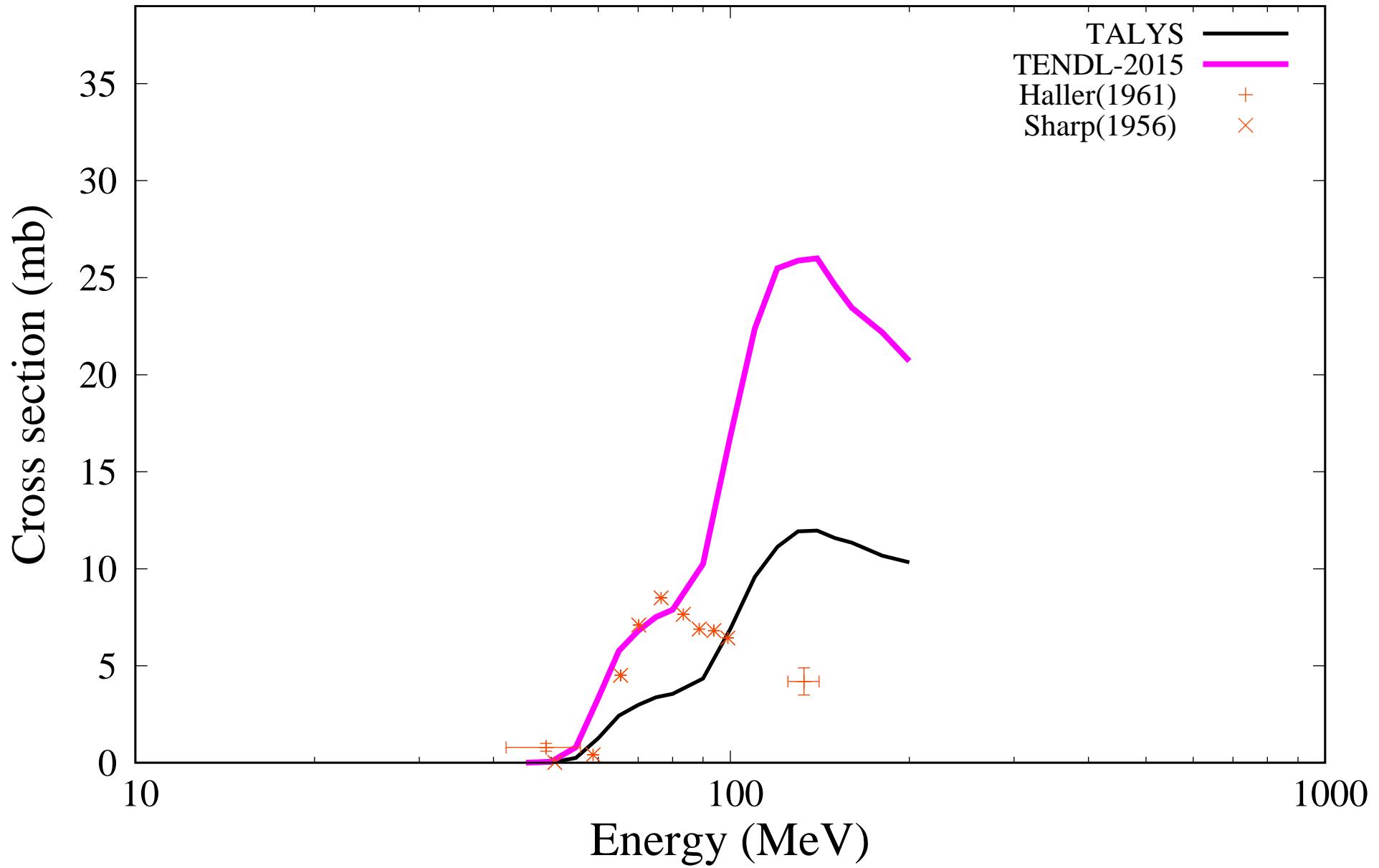


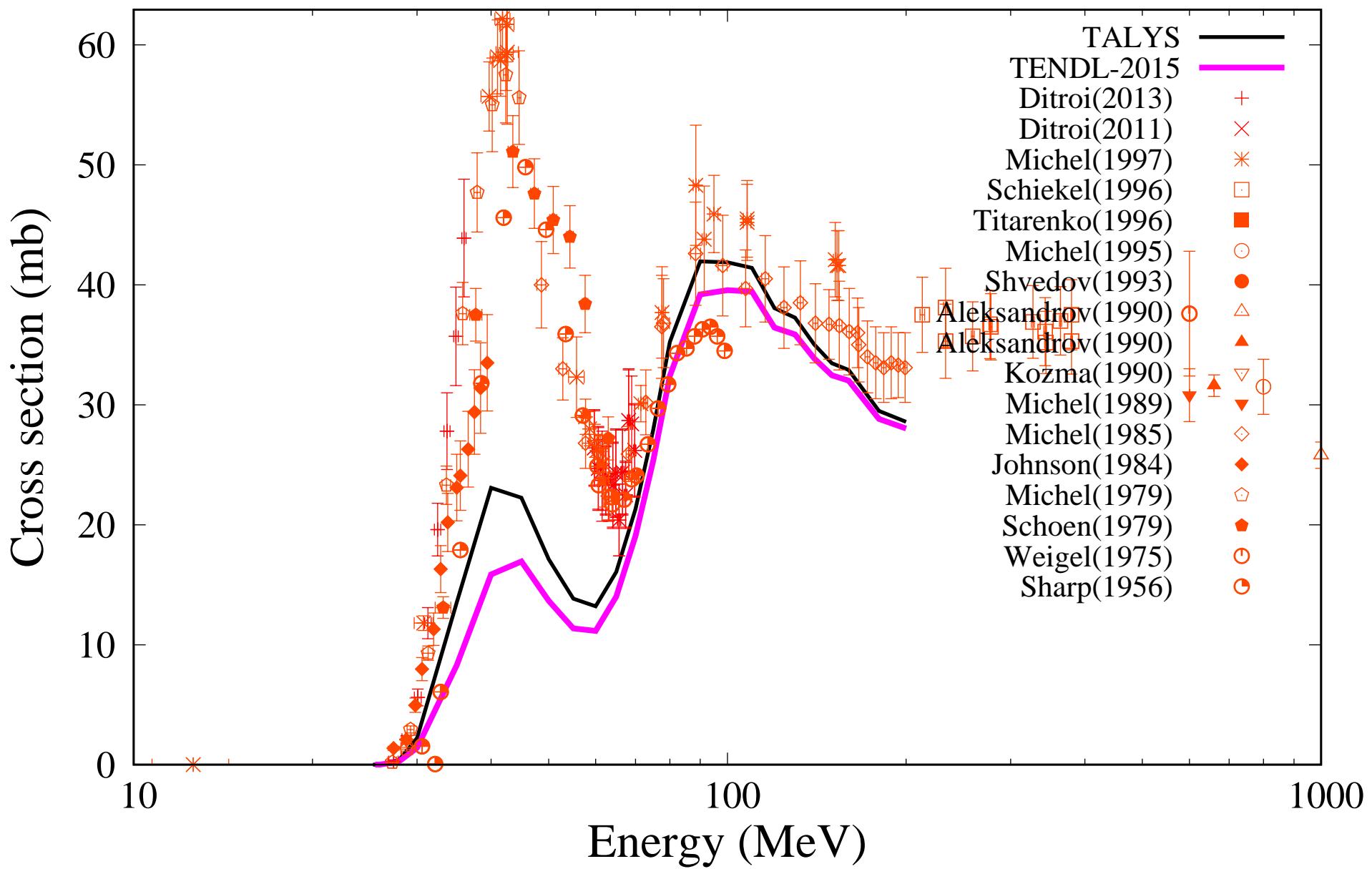
$^{59}\text{Co}(\text{p},\text{x})^{51}\text{Cr}$ 

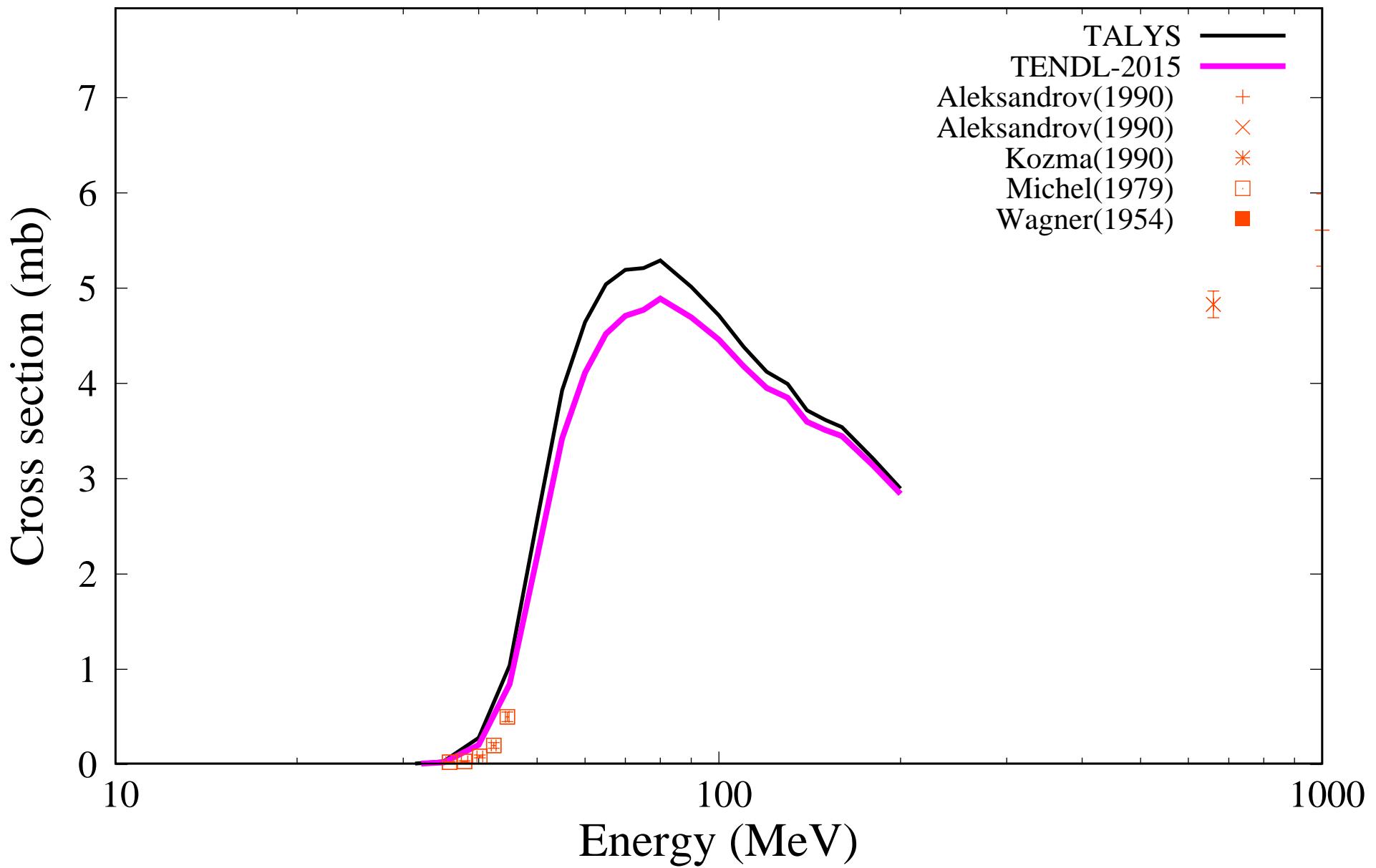
$$^{59}\text{Co}(\text{p},\text{x})^{51}\text{Mn}$$


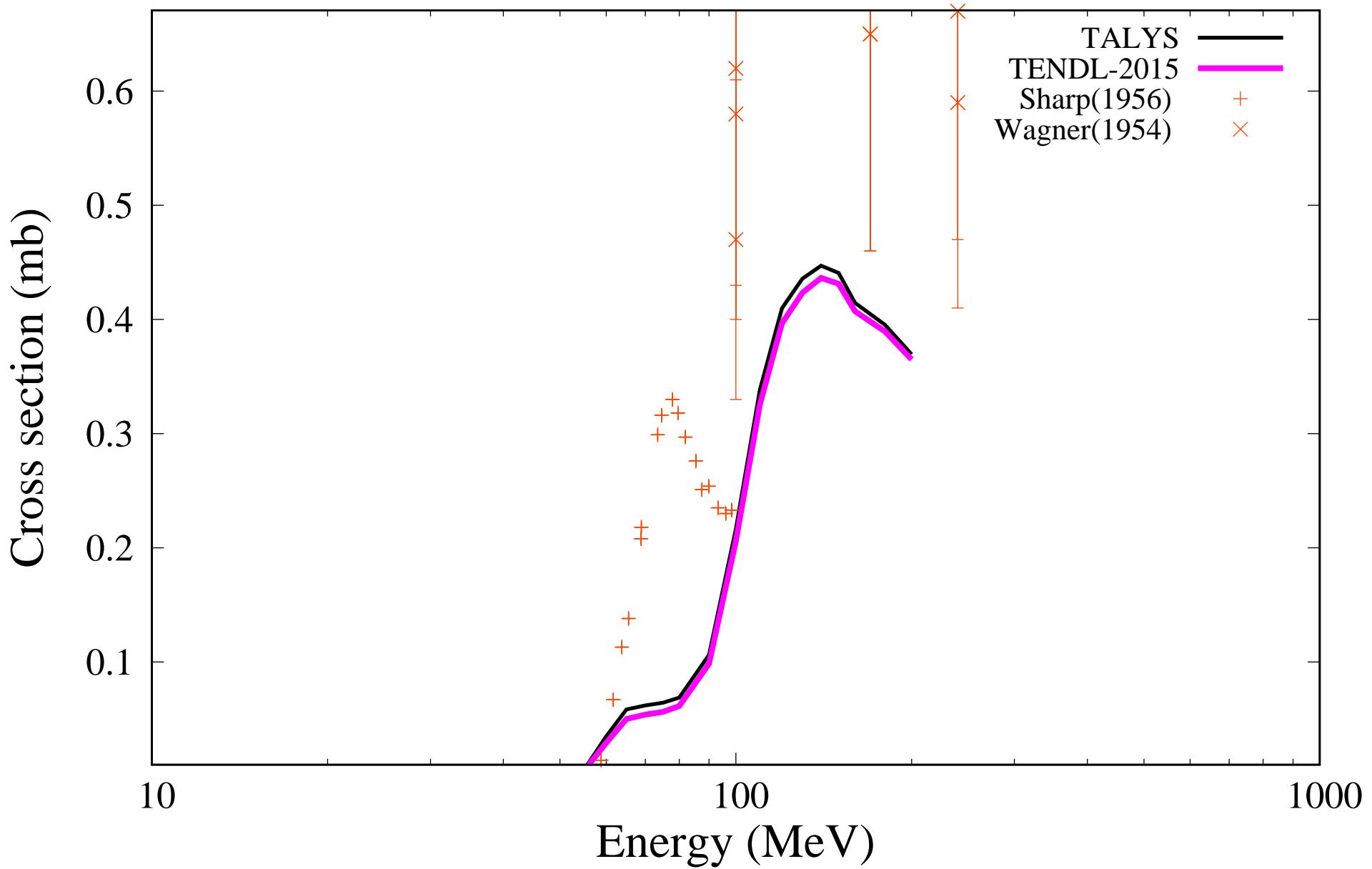
$$^{59}\text{Co}(\text{p},\text{x})^{52}\text{Mn}$$


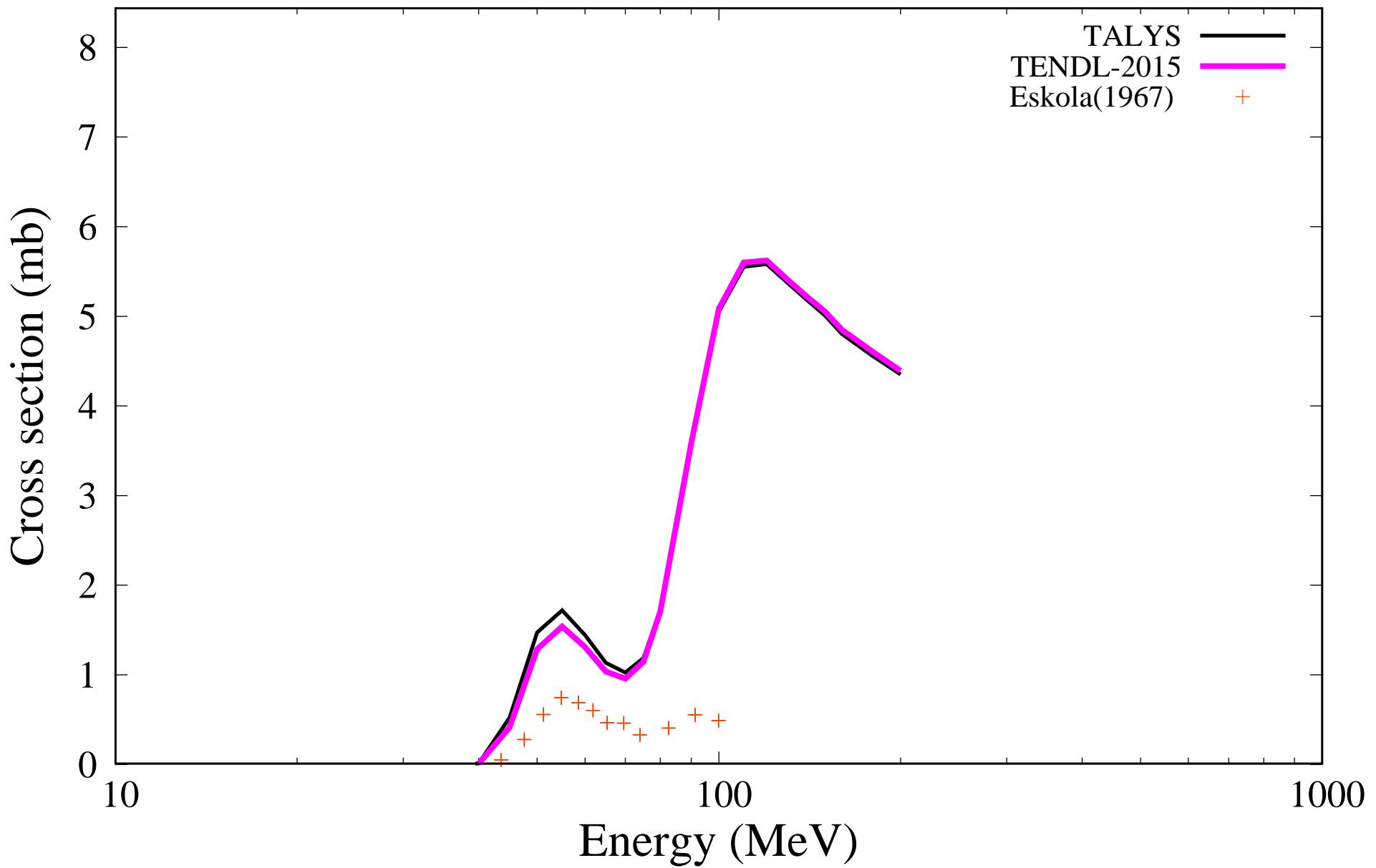
$$^{59}\text{Co}(\text{p},\text{x})^{52g}\text{Mn}$$


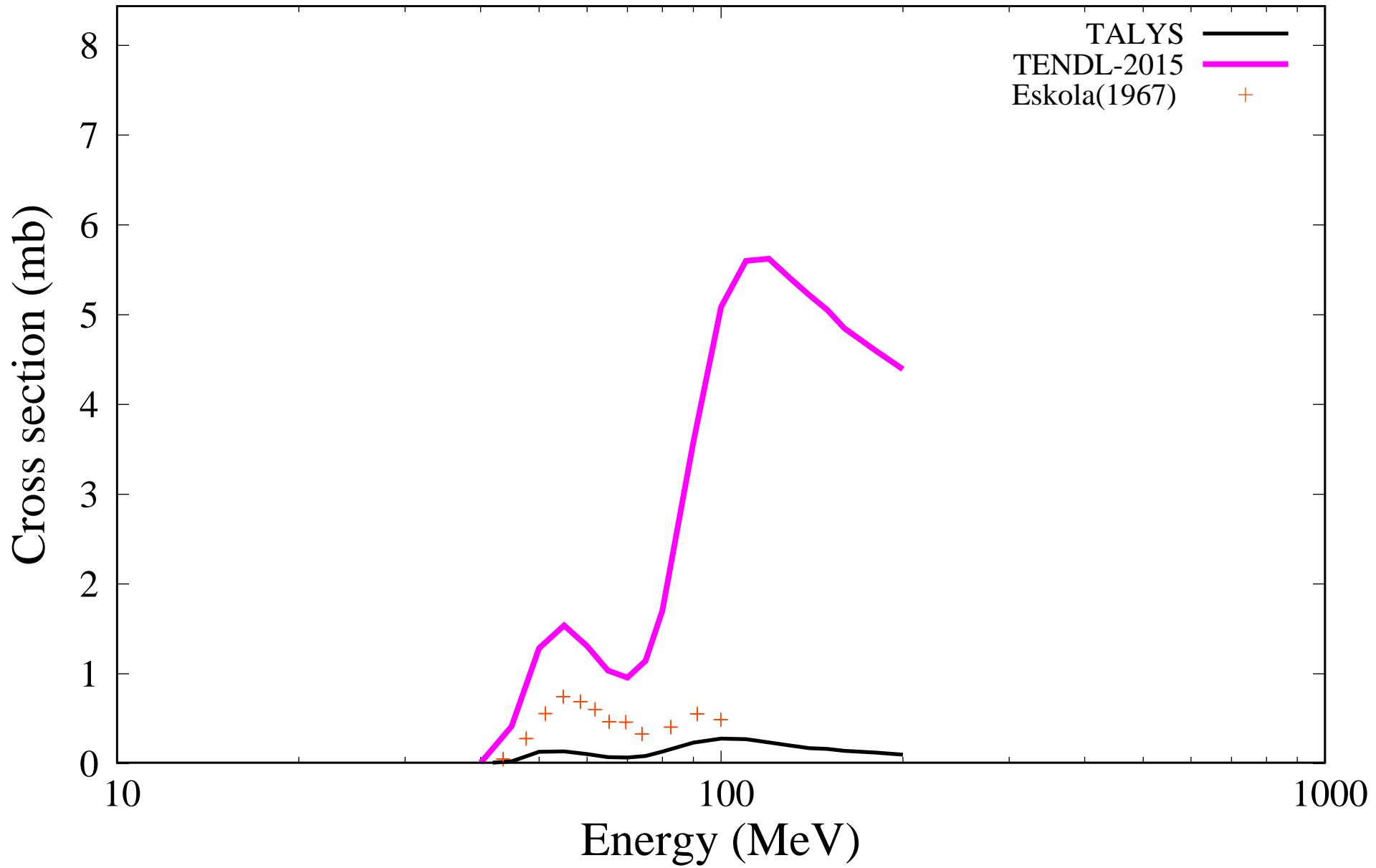
$$^{59}\text{Co}(\text{p},\text{x})^{52\text{m}}\text{Mn}$$


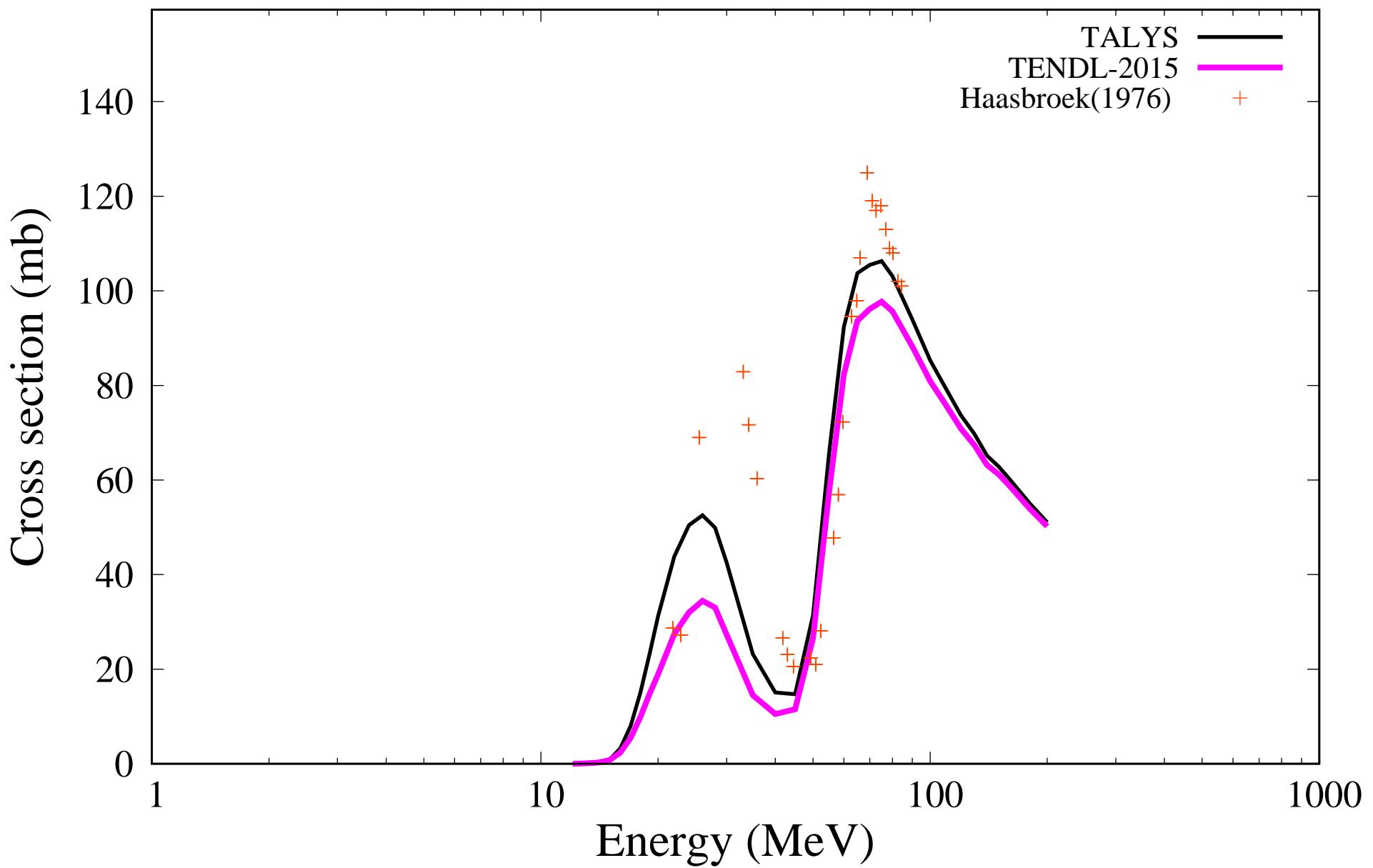
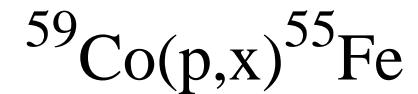
$^{59}\text{Co}(\text{p},\text{x})^{54}\text{Mn}$ 

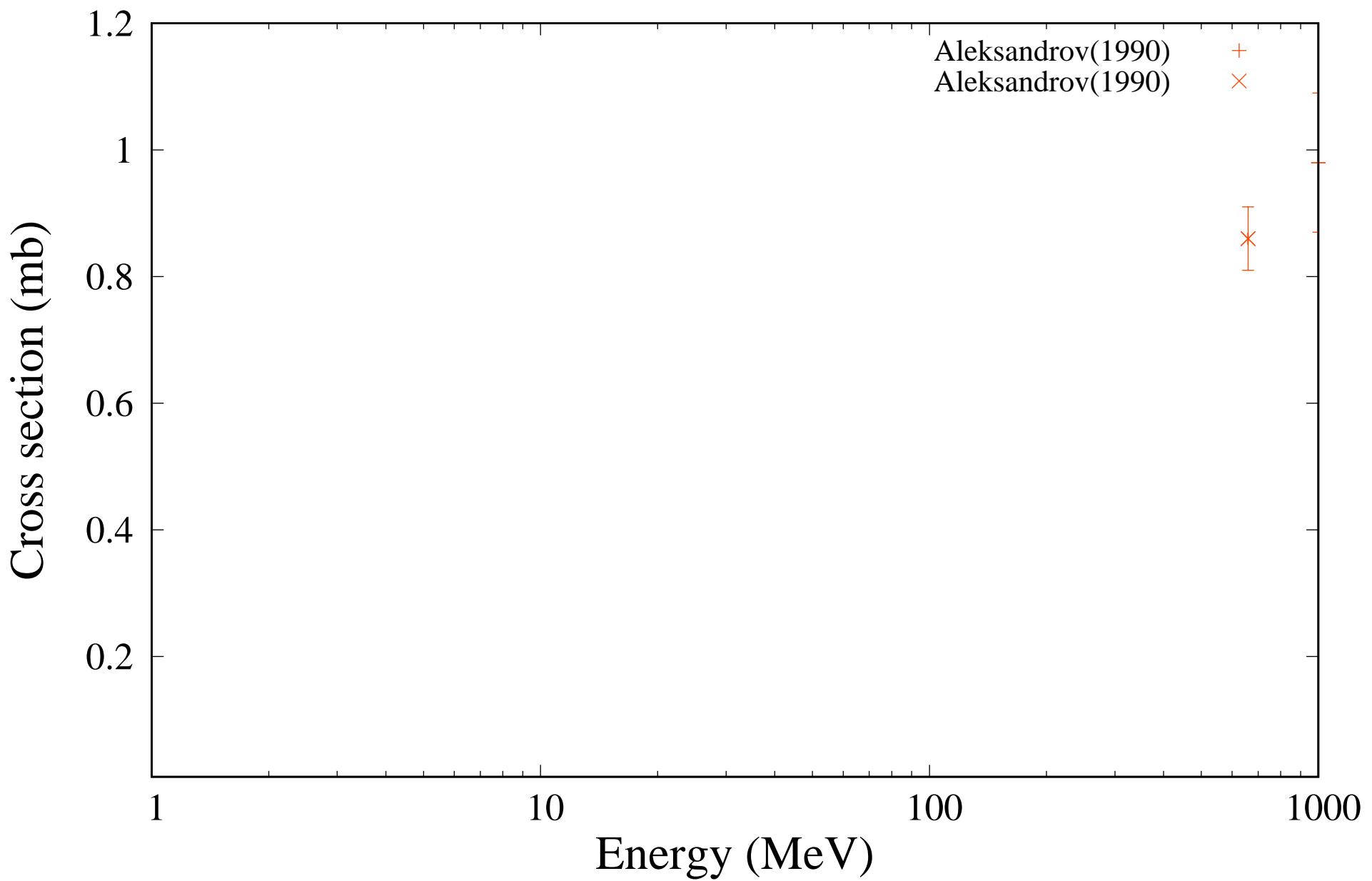
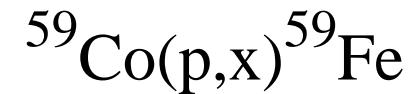
$^{59}\text{Co}(\text{p},\text{x})^{56}\text{Mn}$ 

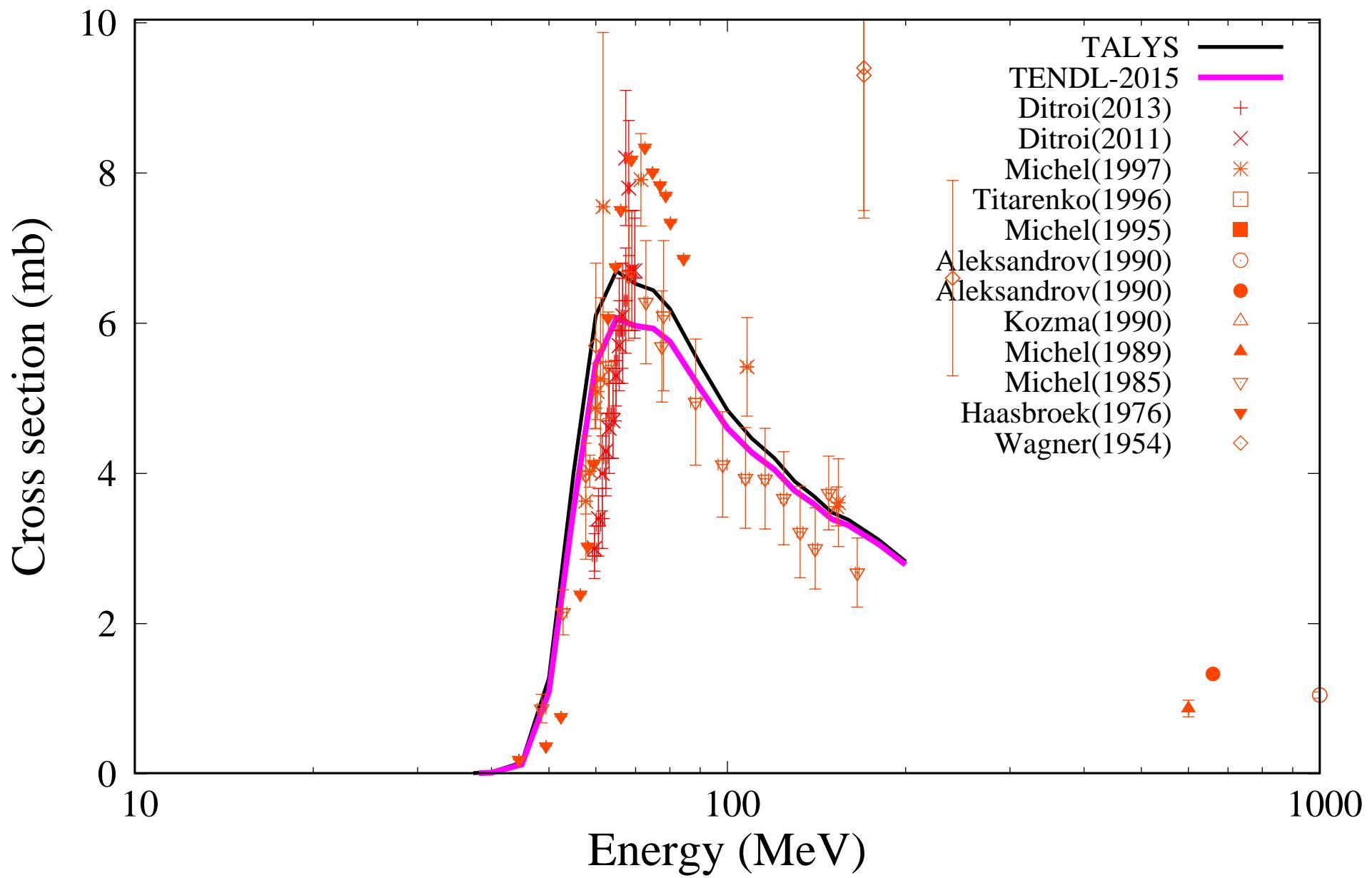
$$^{59}\text{Co}(\text{p},\text{x})^{52}\text{Fe}$$


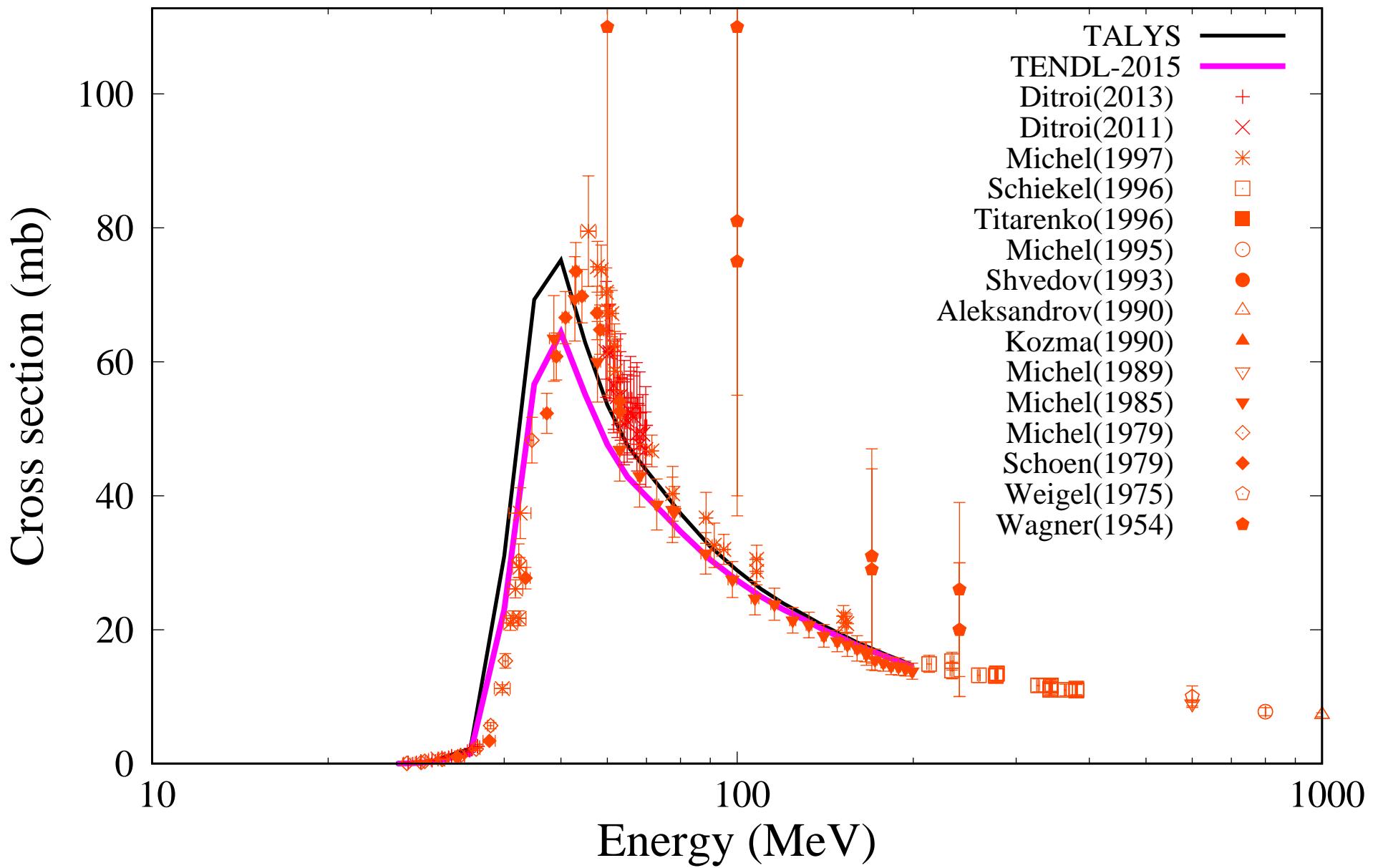
$$^{59}\text{Co}(\text{p},\text{x})^{53\text{g}}\text{Fe}$$


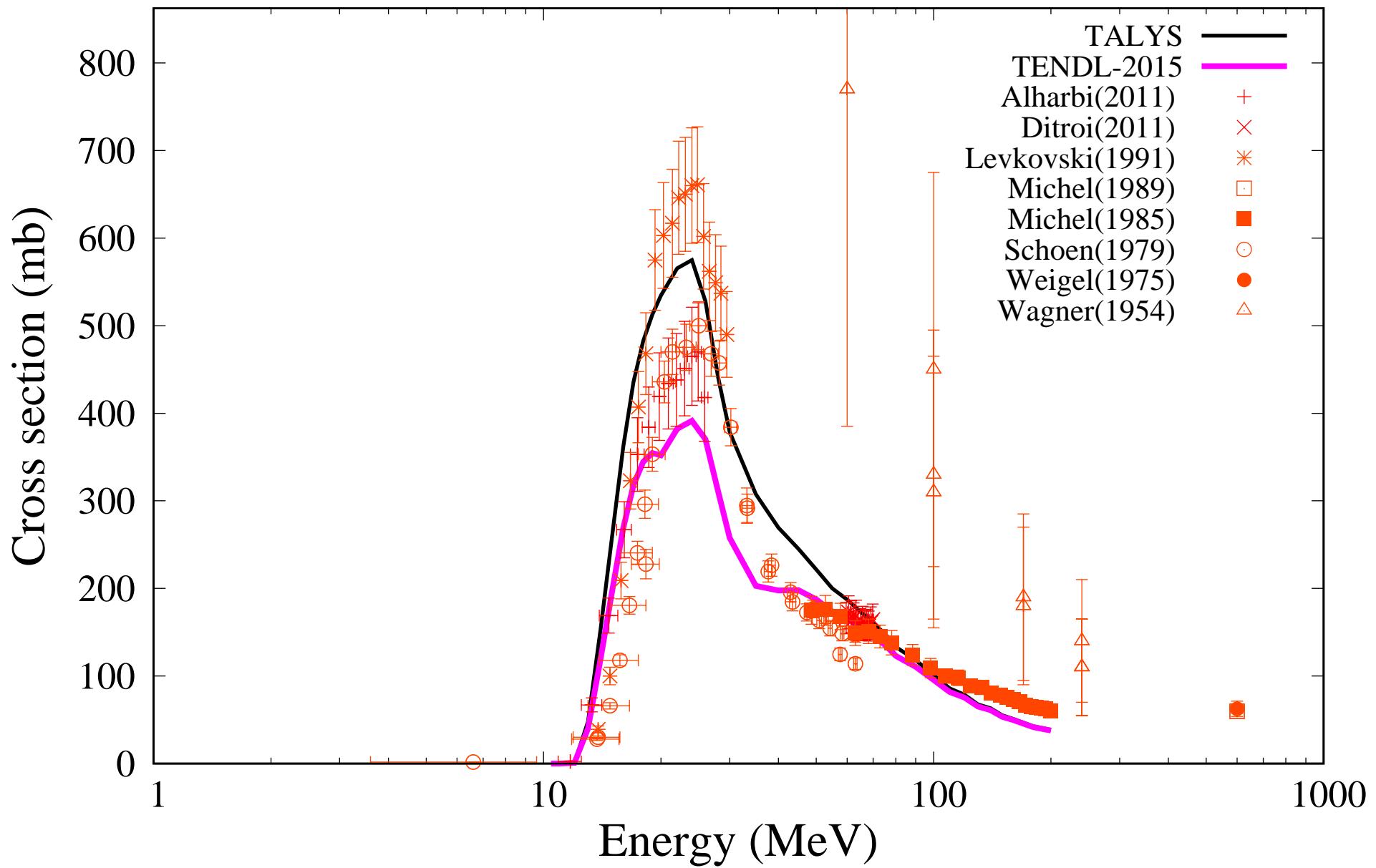
$$^{59}\text{Co}(\text{p},\text{x})^{53\text{m}}\text{Fe}$$


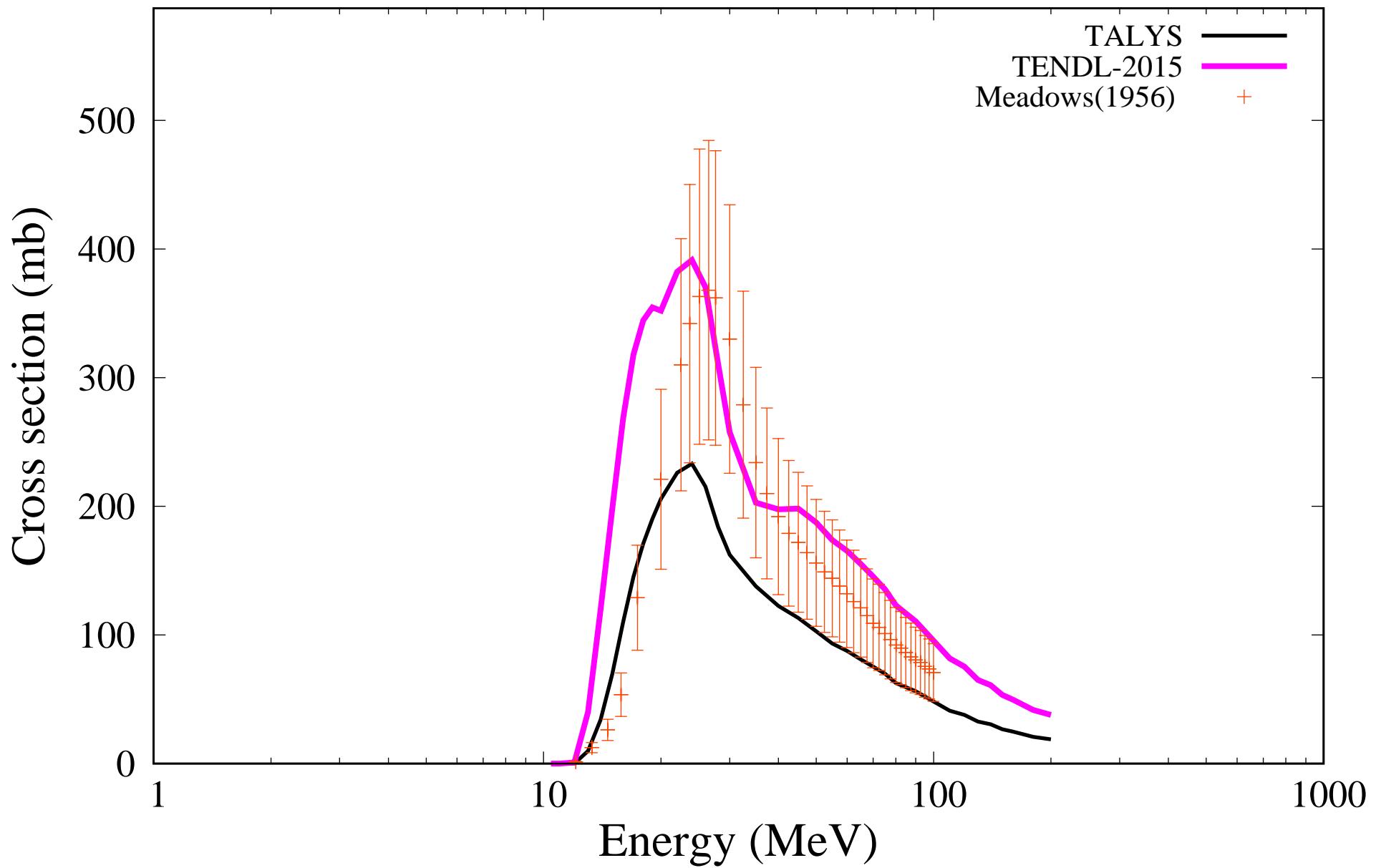


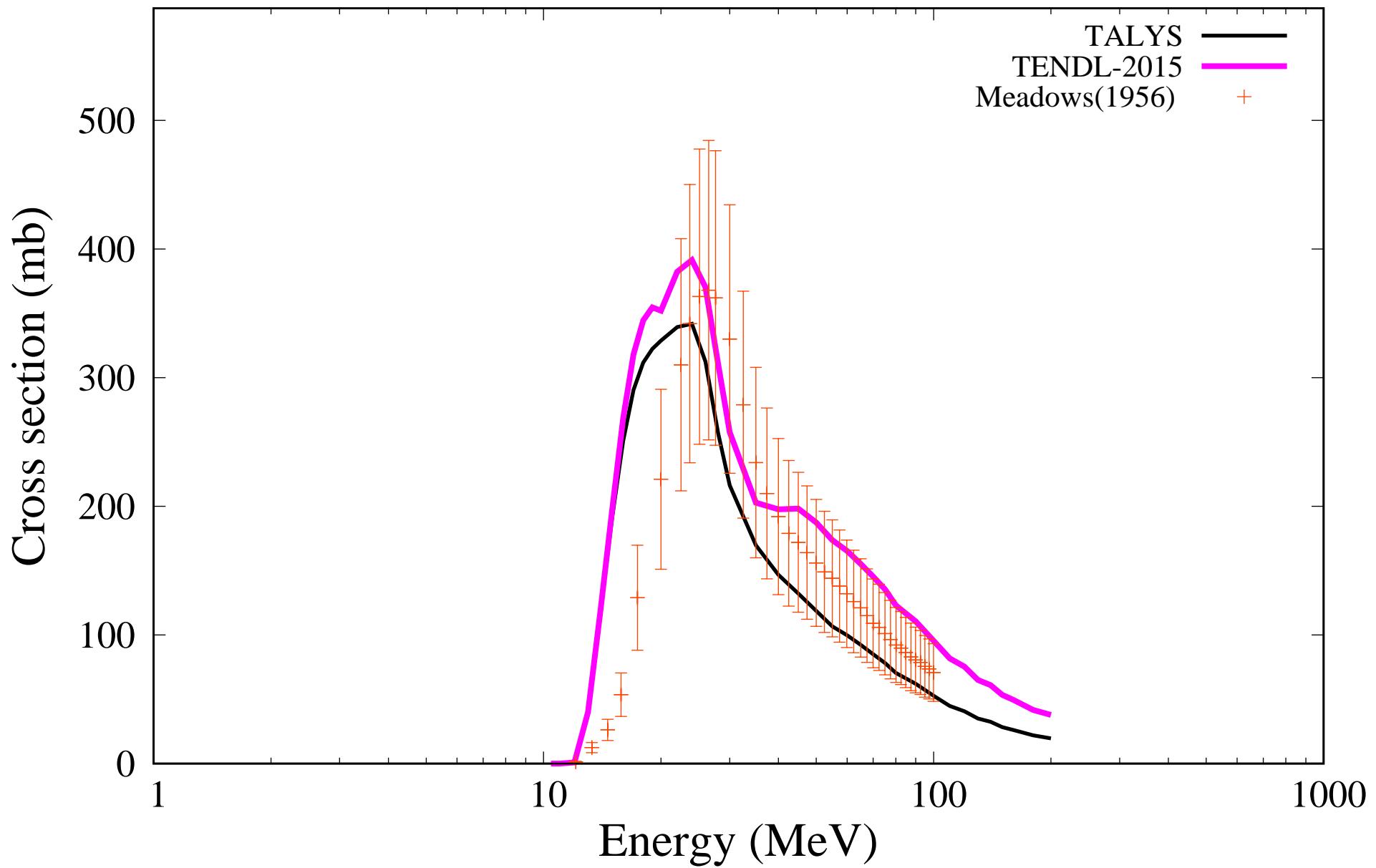


$^{59}\text{Co}(\text{p},\text{x})^{55}\text{Co}$ 

$^{59}\text{Co}(\text{p},\text{x})^{56}\text{Co}$ 

$^{59}\text{Co}(\text{p},\text{x})^{58}\text{Co}$ 

$$^{59}\text{Co}(\text{p},\text{x})^{58\text{g}}\text{Co}$$


$$^{59}\text{Co}(\text{p},\text{x})^{58\text{m}}\text{Co}$$


$^{59}\text{Co}(\text{p},3\text{n})^{57}\text{Ni}$ 