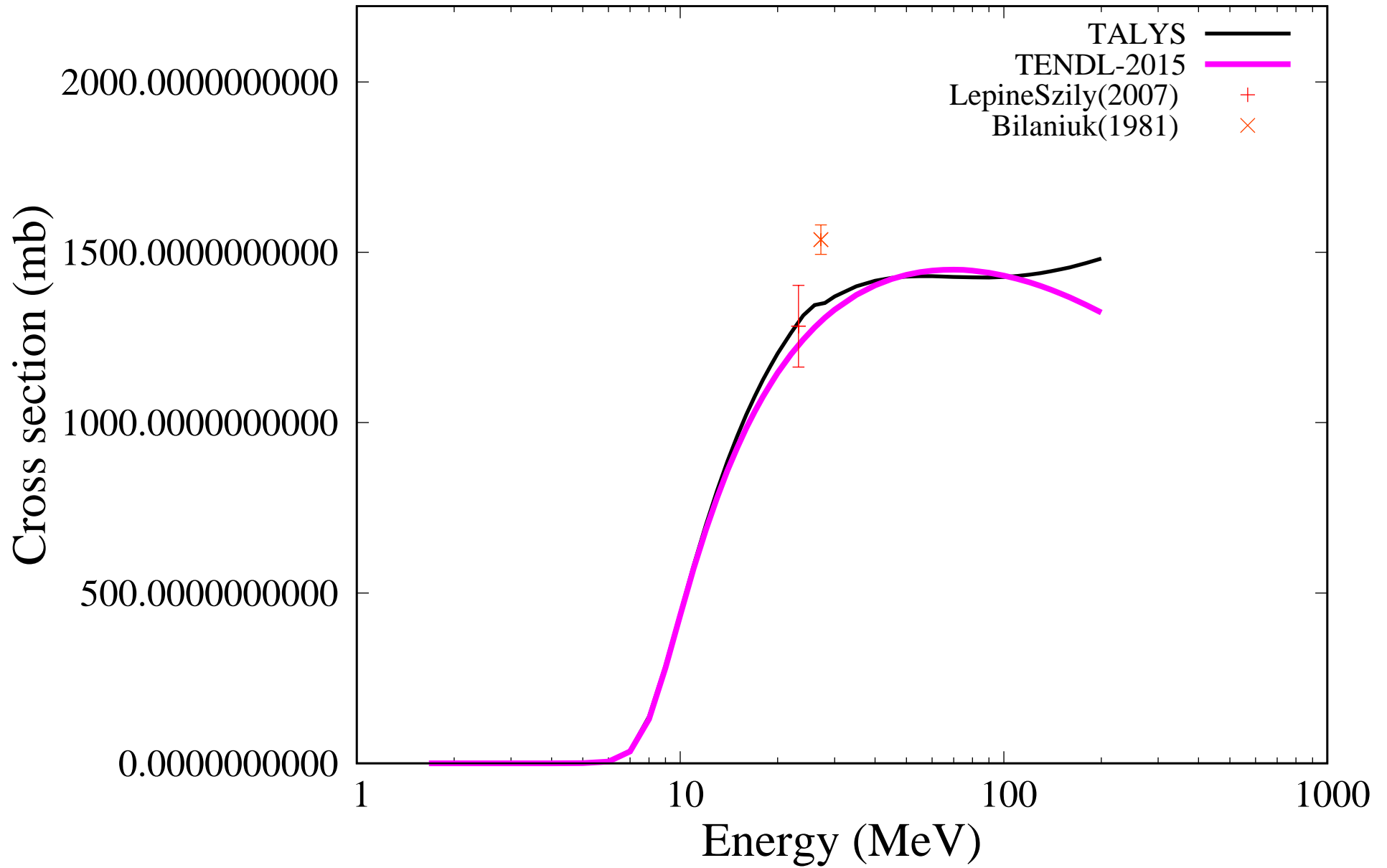
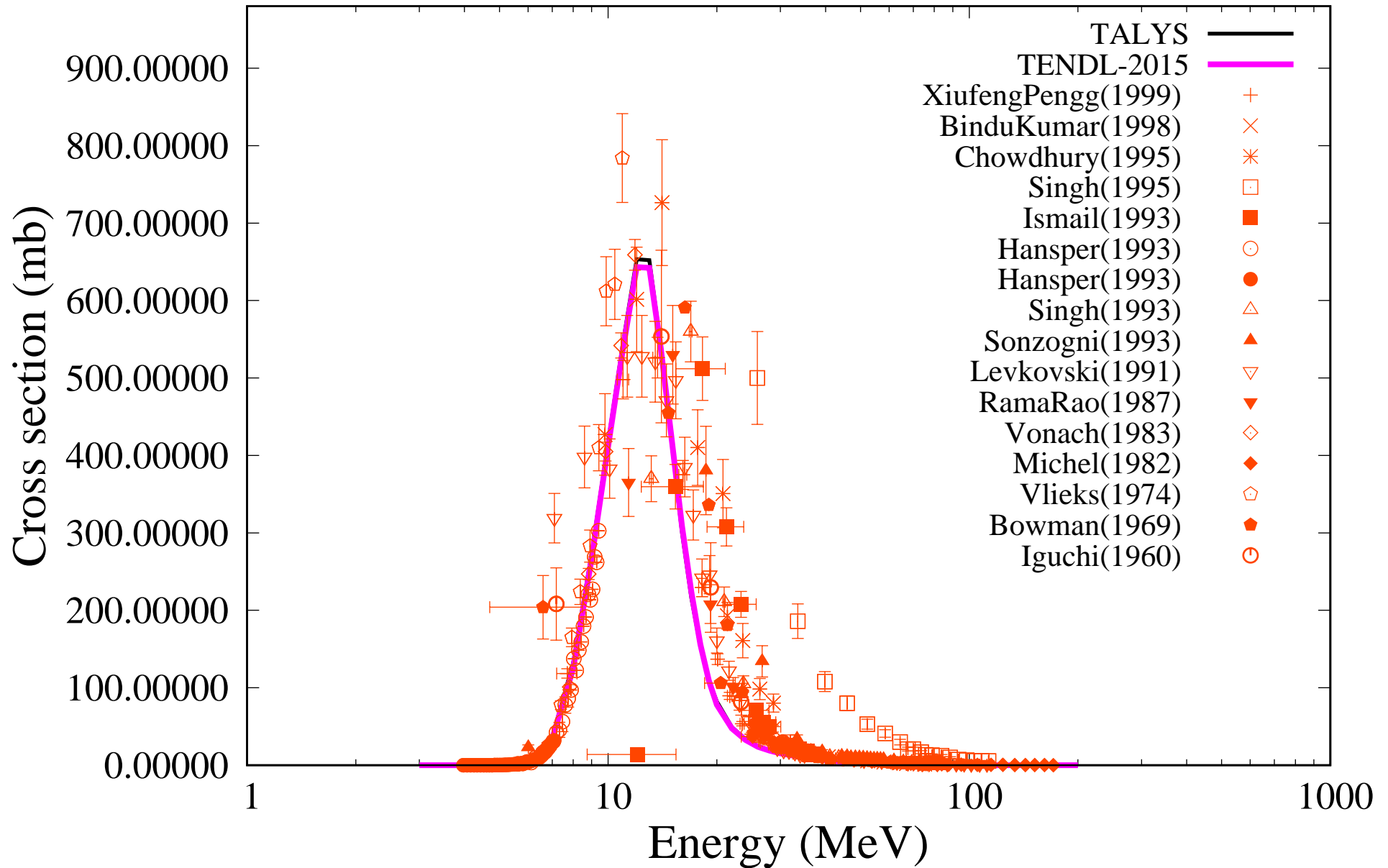
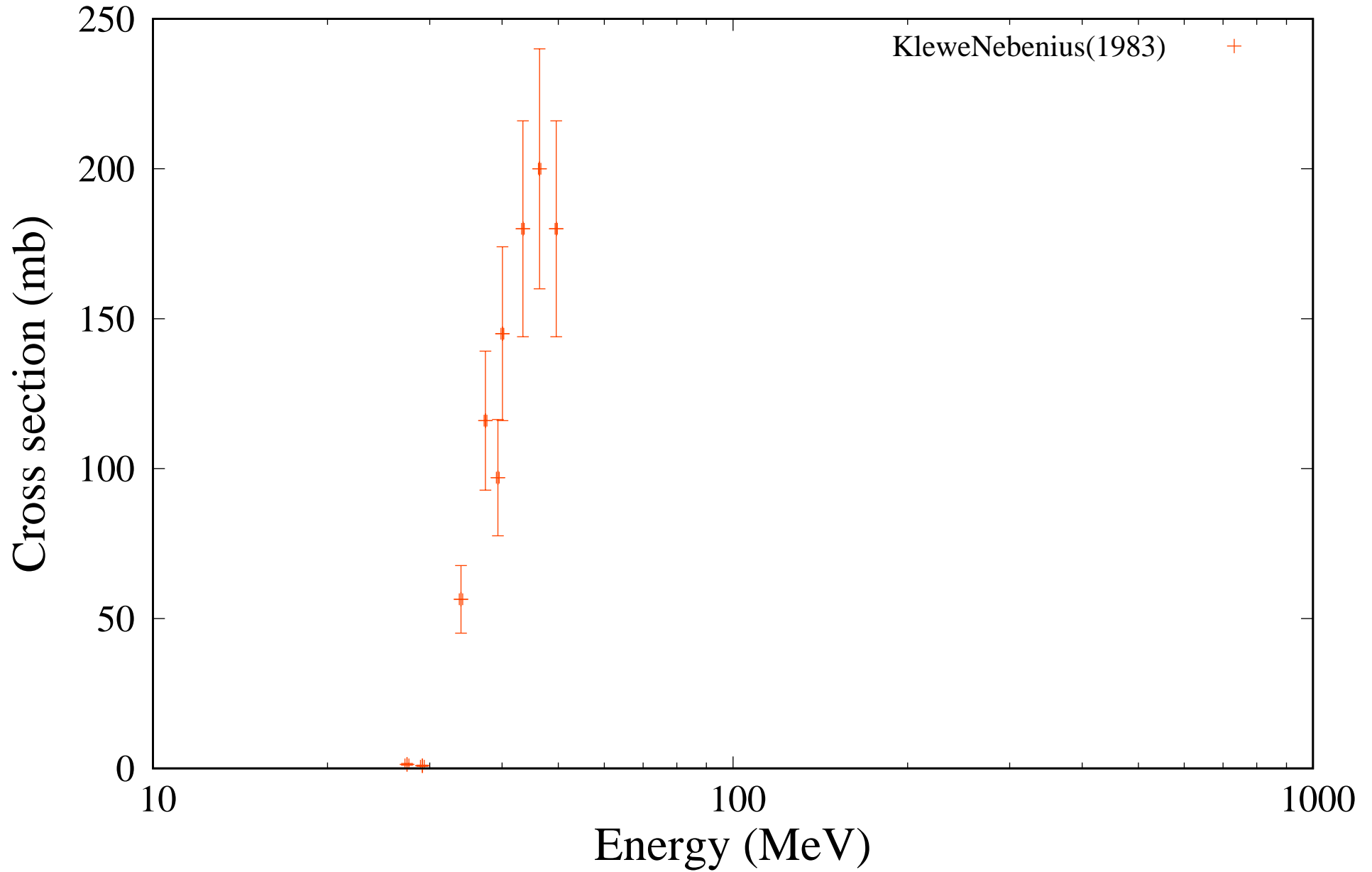


$^{51}\text{V}(\text{a},\text{non})$

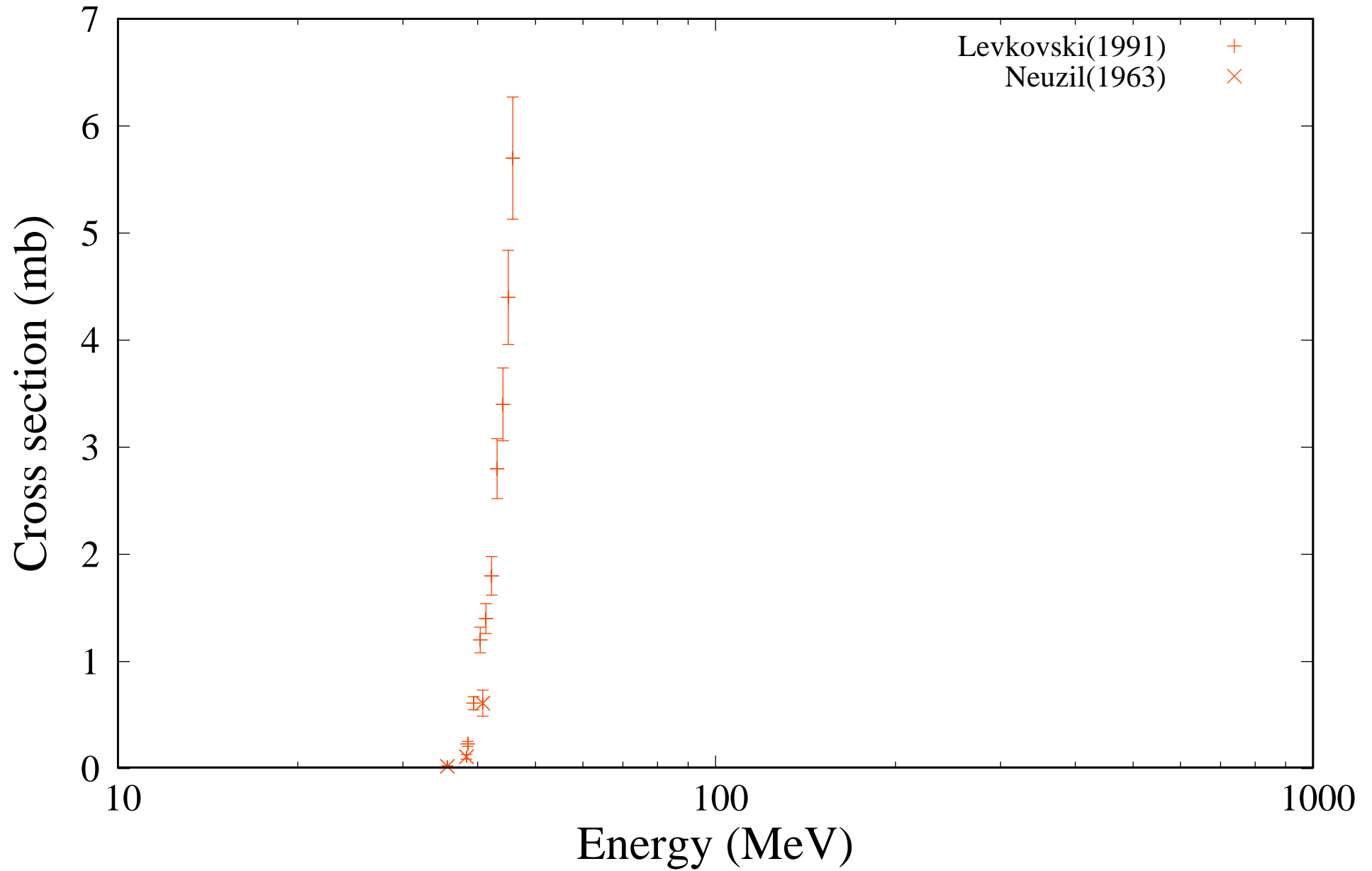


$^{51}\text{V}(a,n)^{54}\text{Mn}$ 

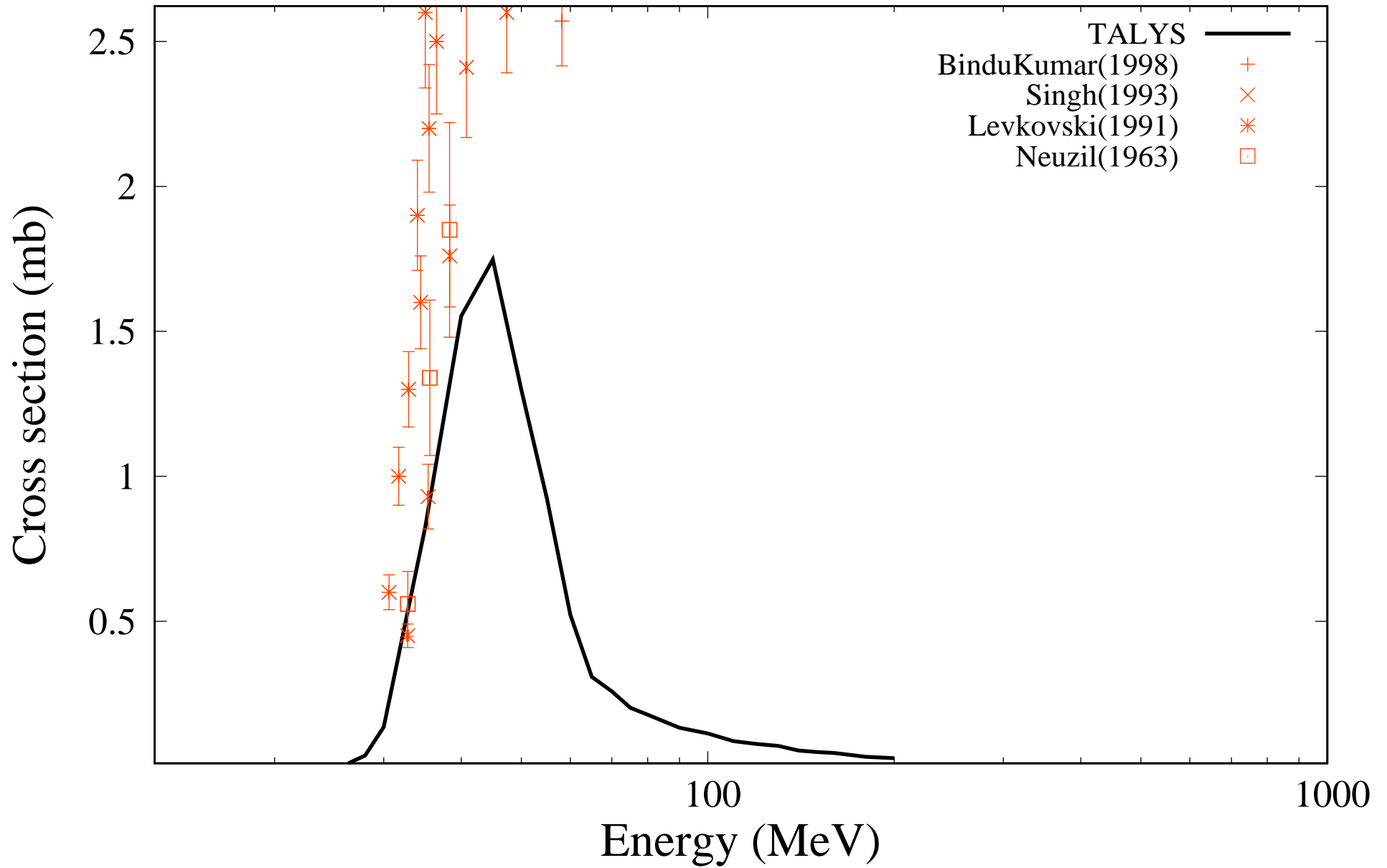
$^{51}\text{V}(a,2n)^{49}\text{V}$



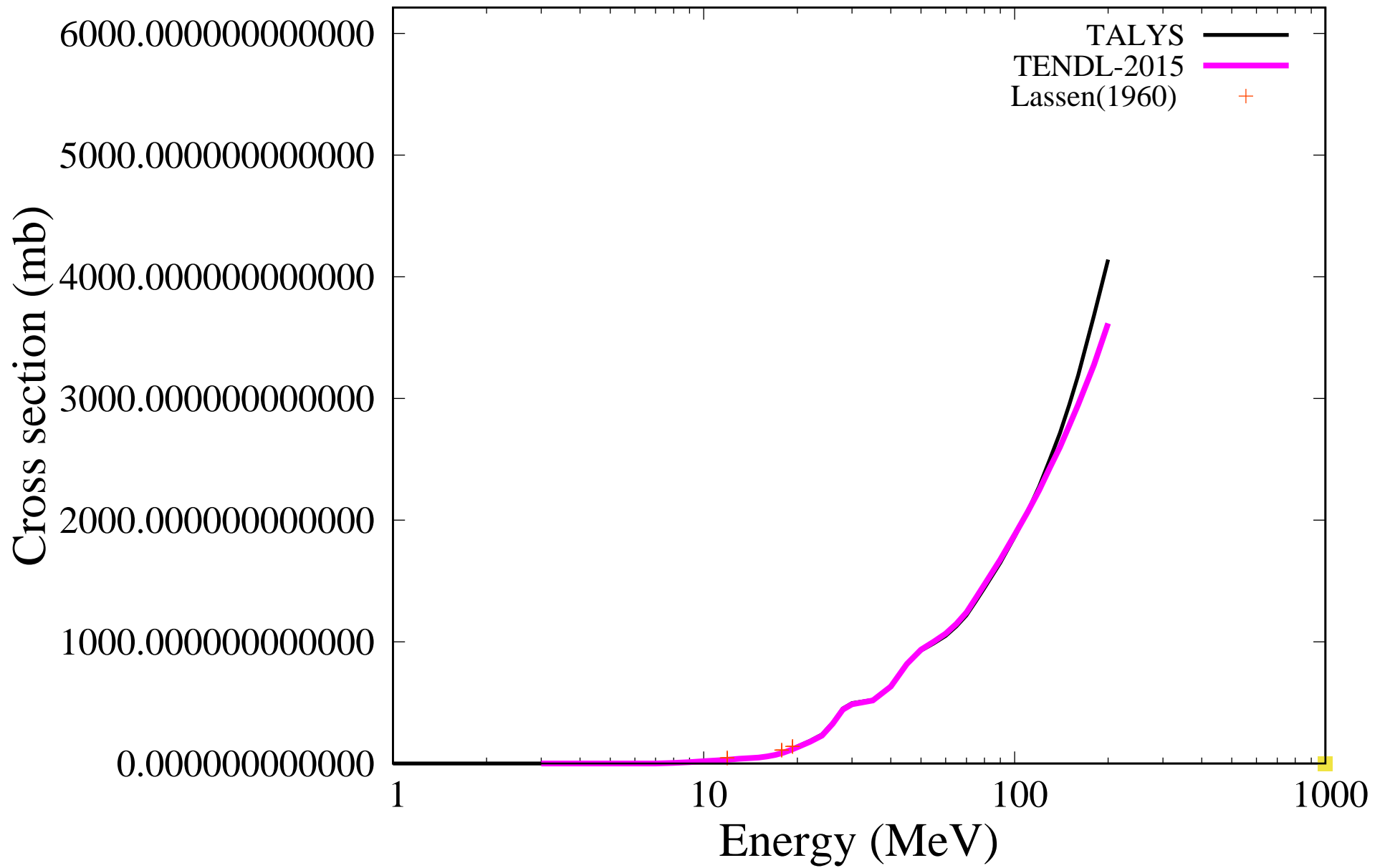
$^{51}\text{V}(a,n2a)^{46}\text{Sc}$

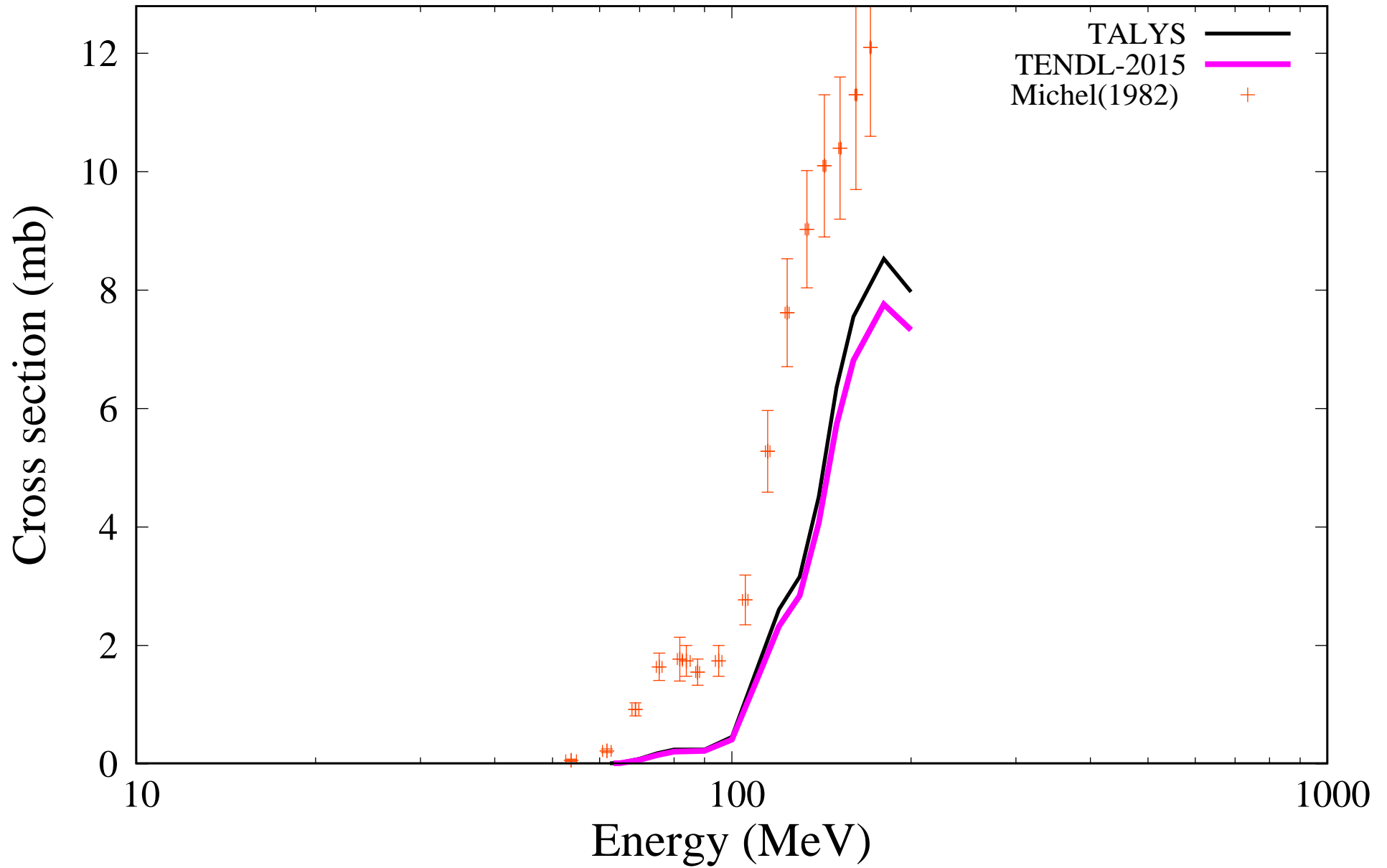


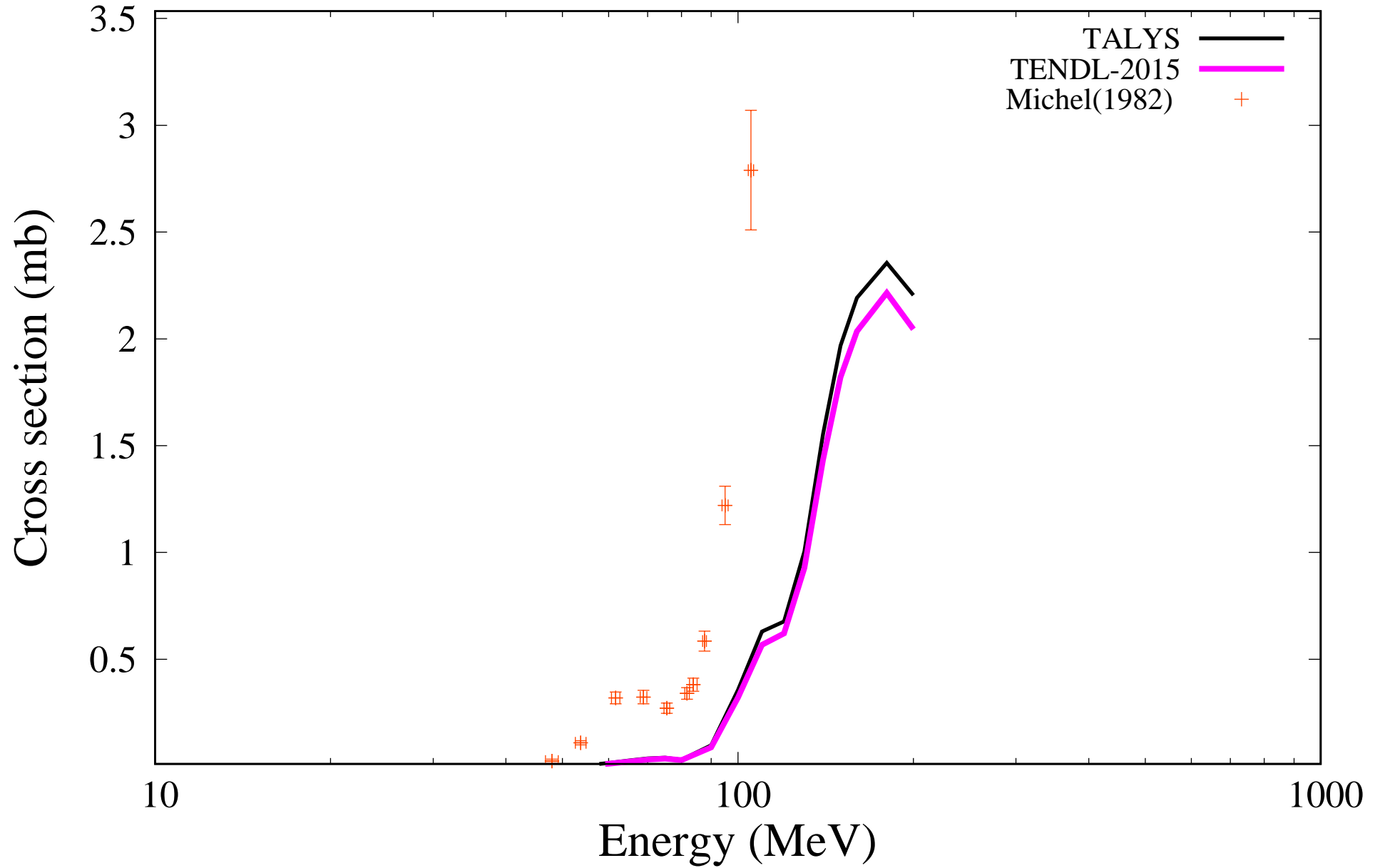
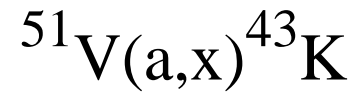
$^{51}\text{V}(a,2a)^{47}\text{Sc}$



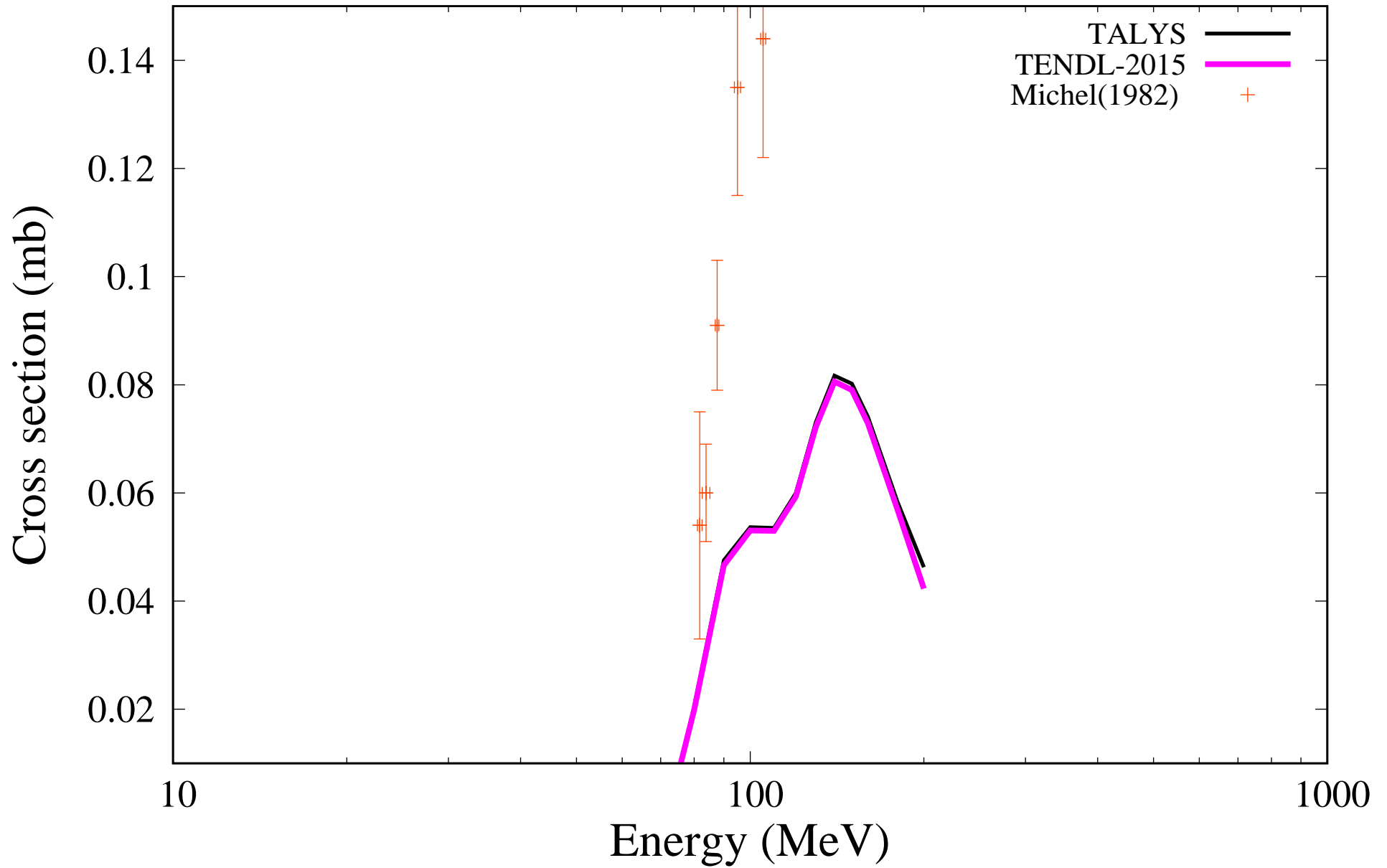
$^{51}\text{V}(a, xp)$



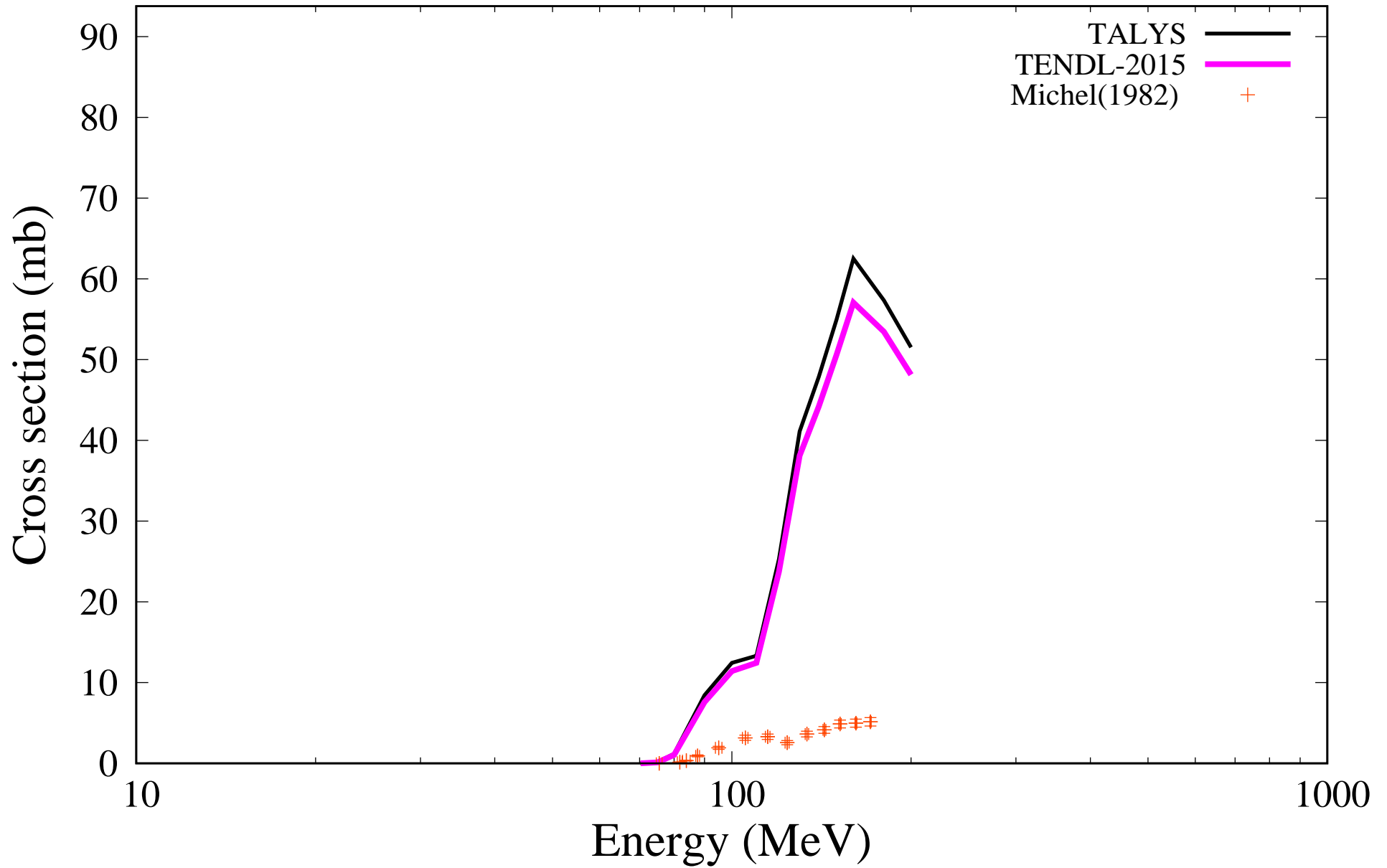
$^{51}\text{V}(a,x)^{42}\text{K}$ 

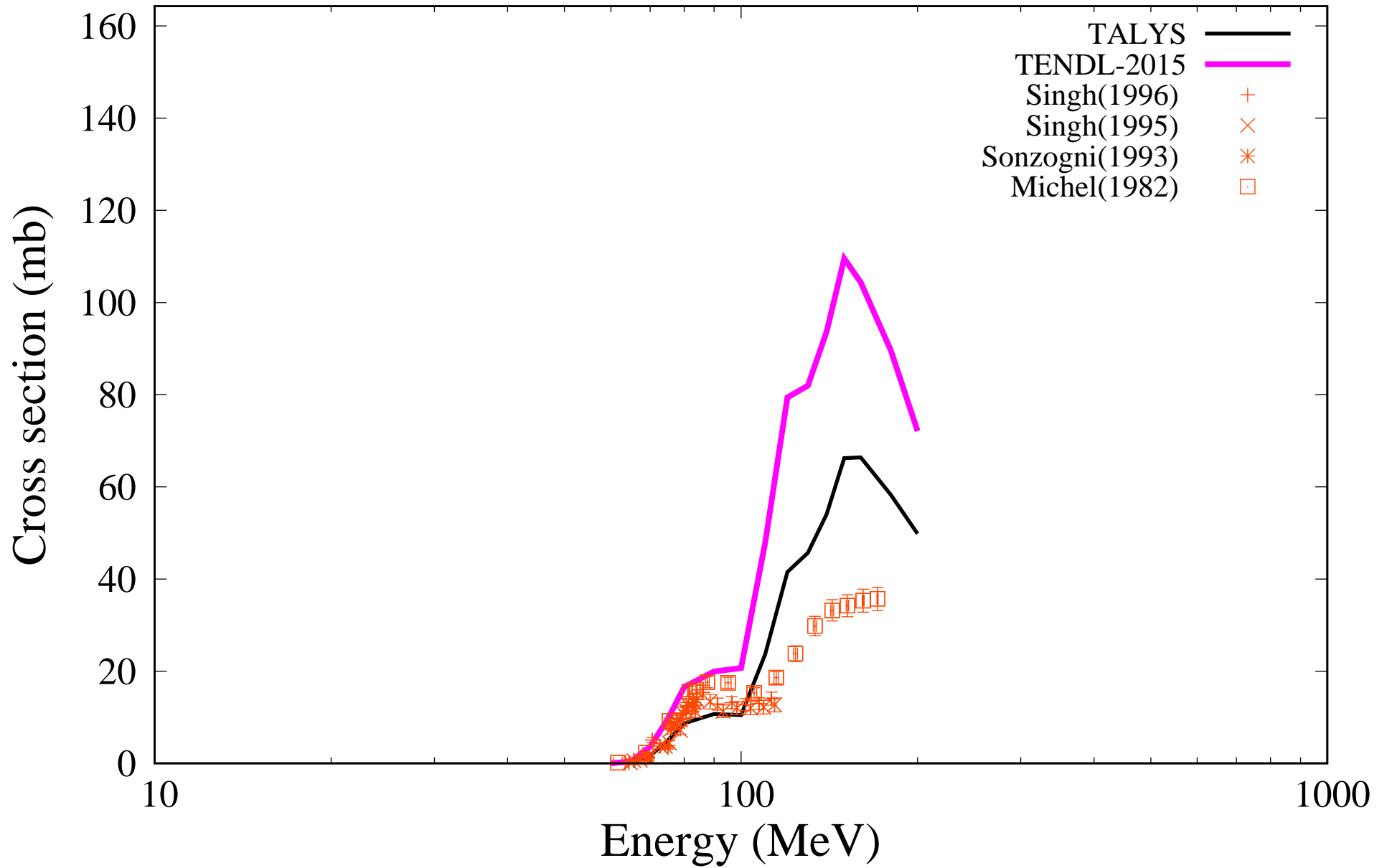


$^{51}\text{V}(a,x)^{47}\text{Ca}$

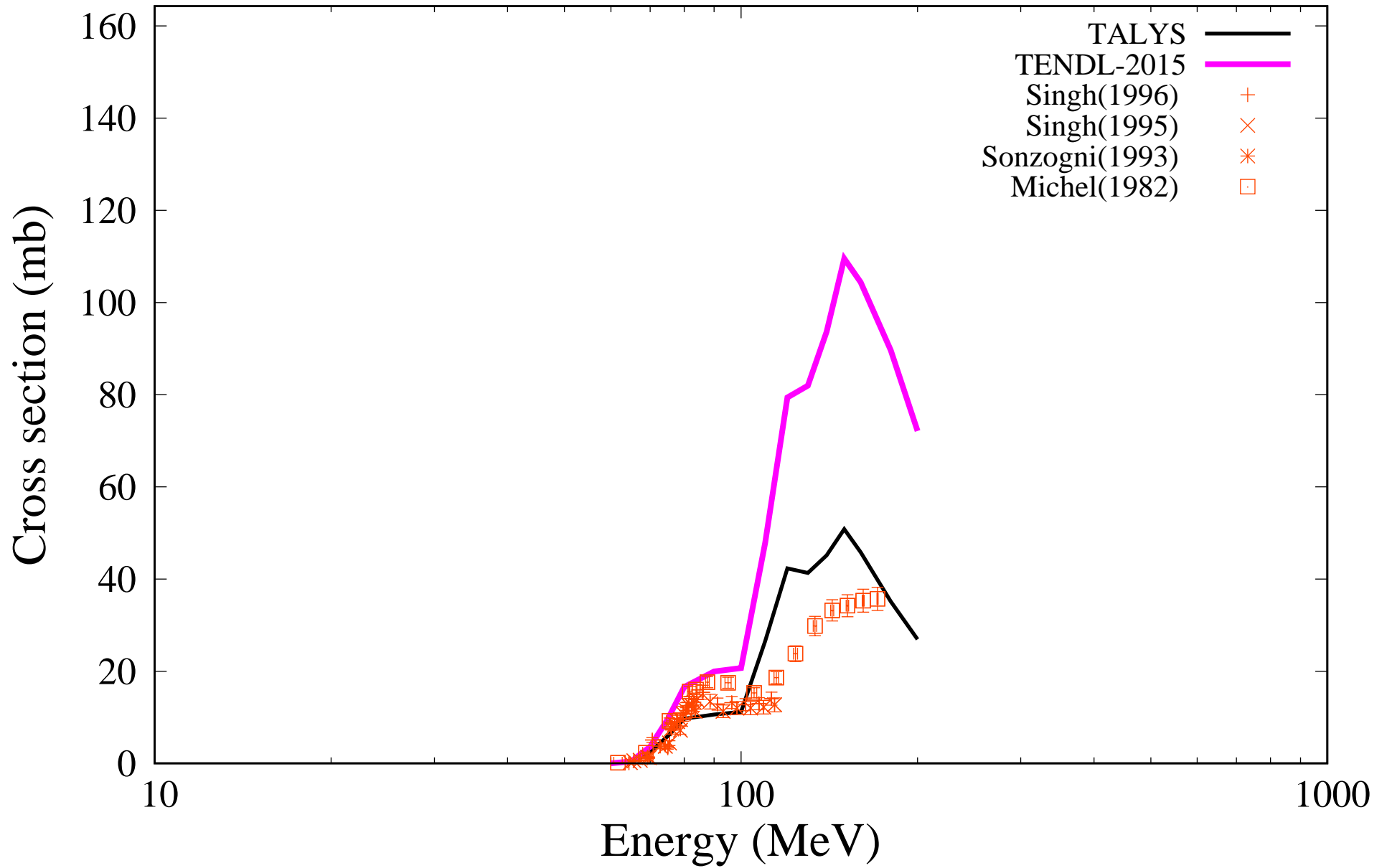


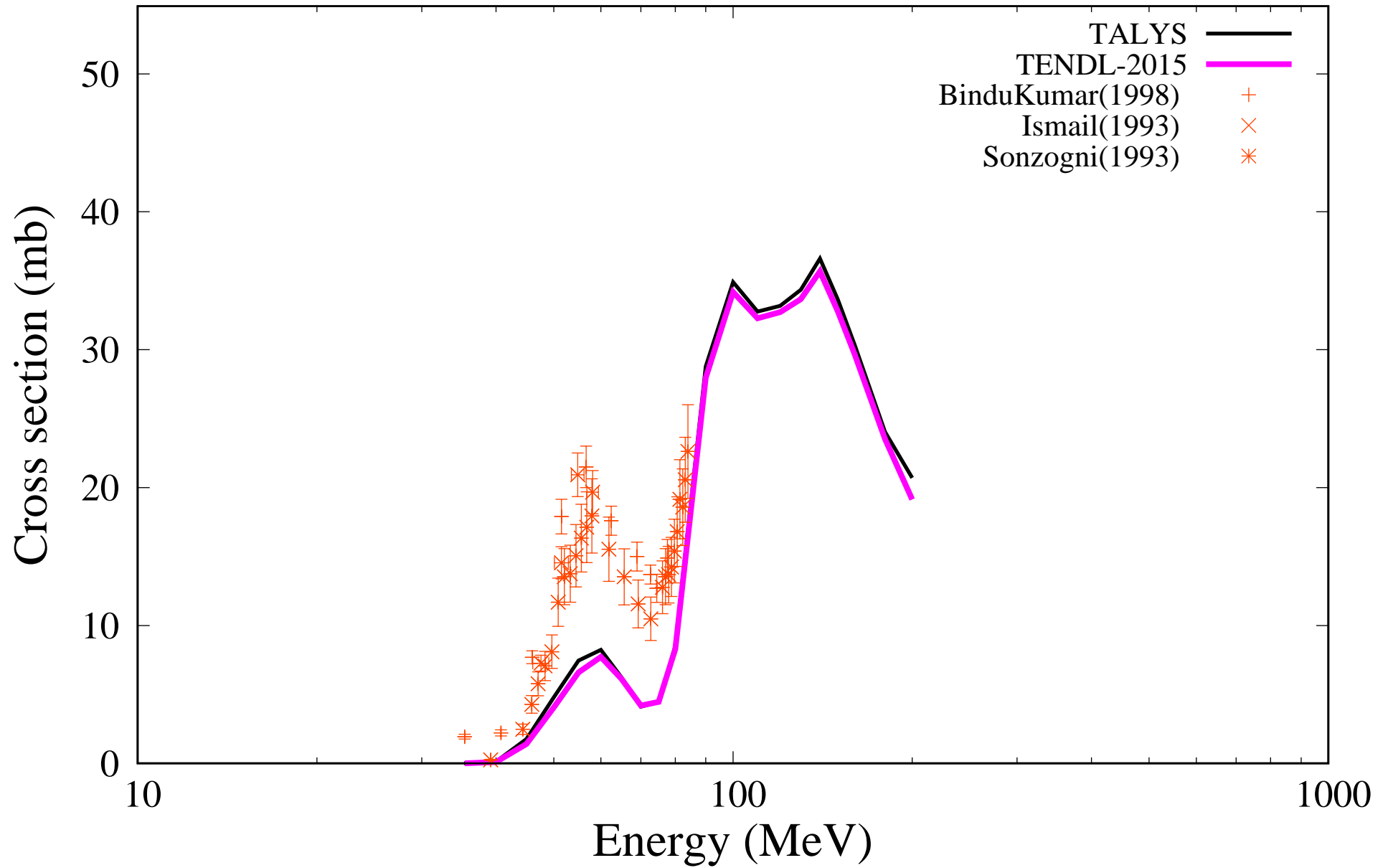
$^{51}\text{V}(a,x)^{43}\text{Sc}$



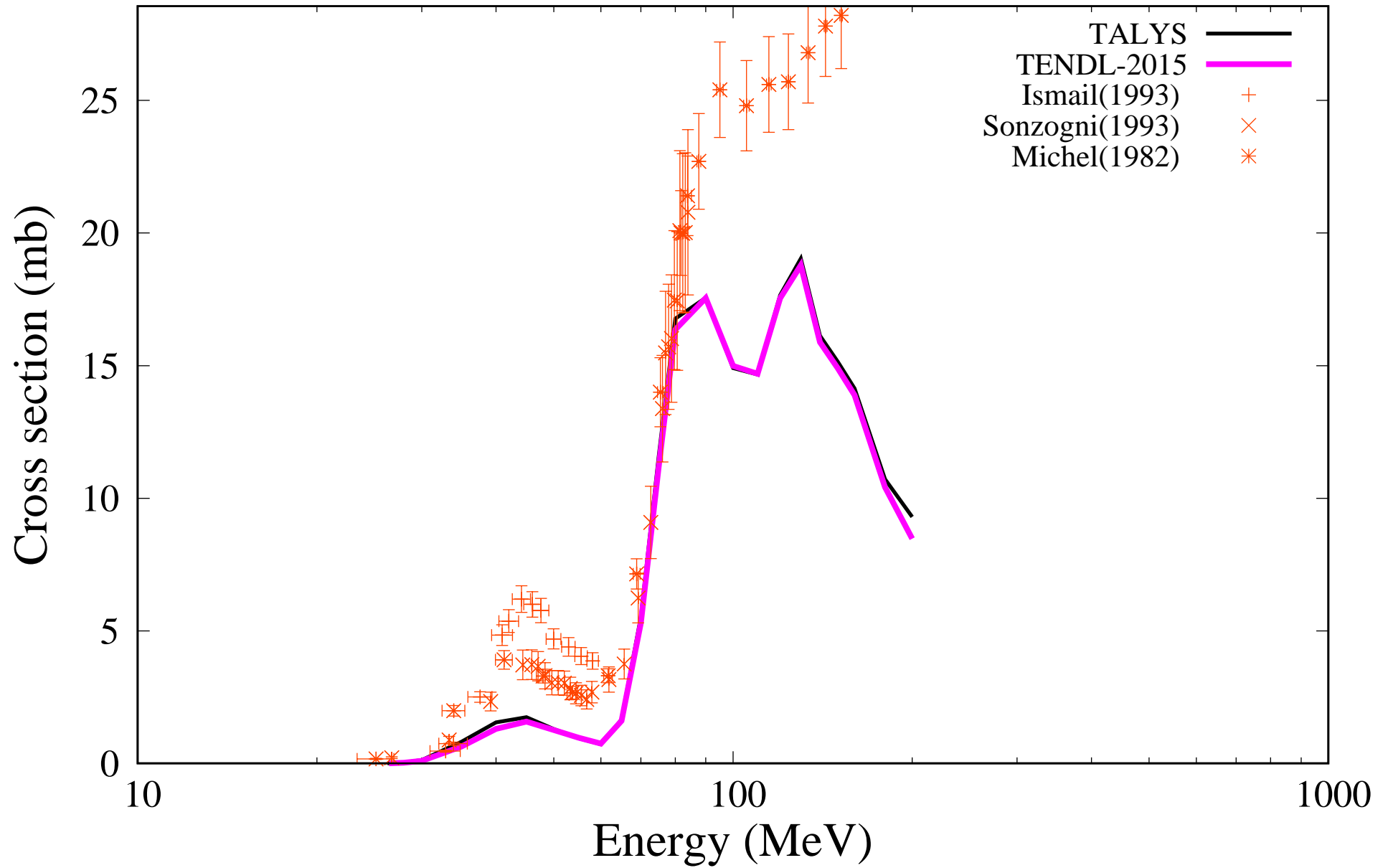
$^{51}\text{V}(a,x)^{44\text{g}}\text{Sc}$ 

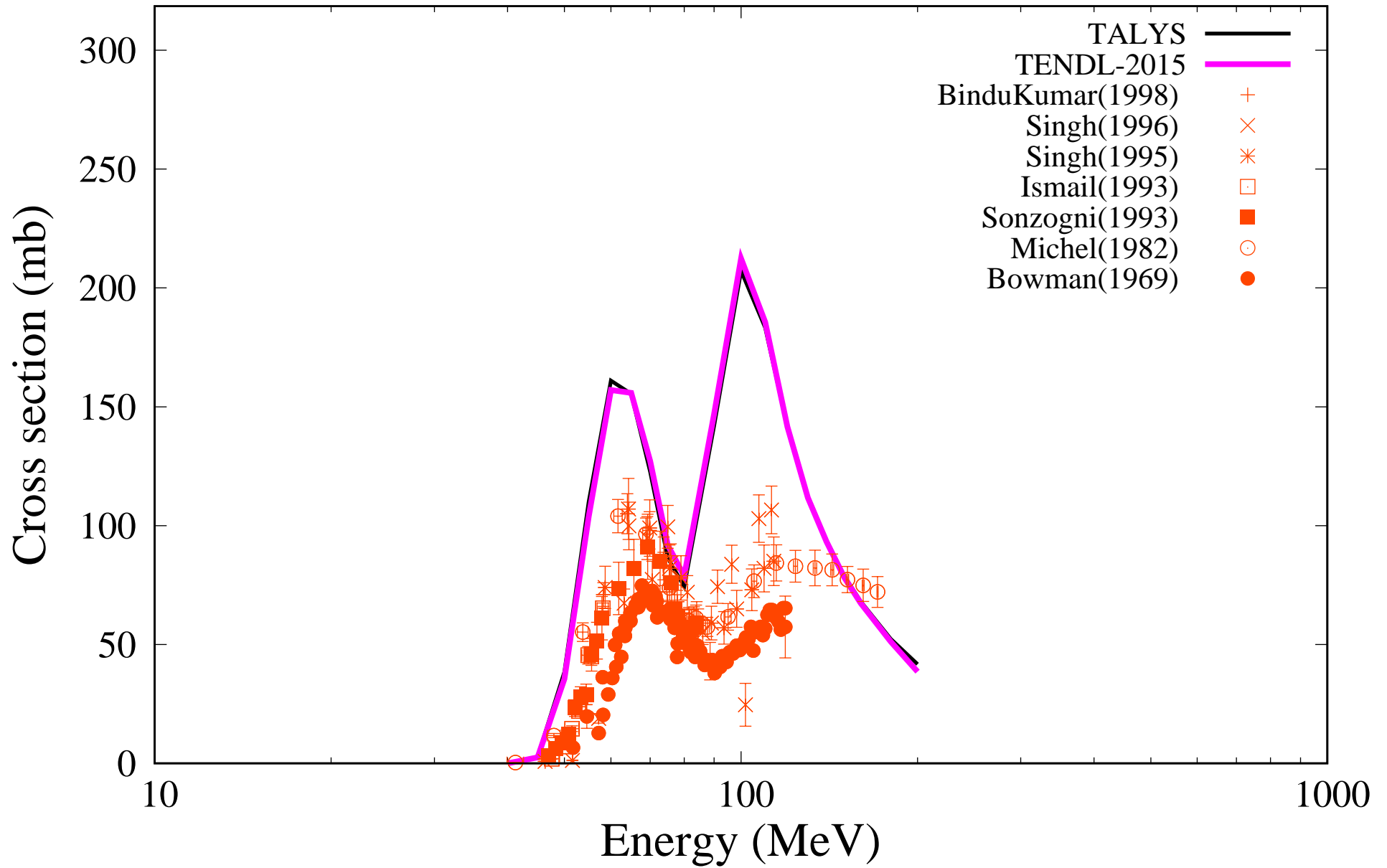
$^{51}\text{V}(a,x)^{44\text{m}}\text{Sc}$



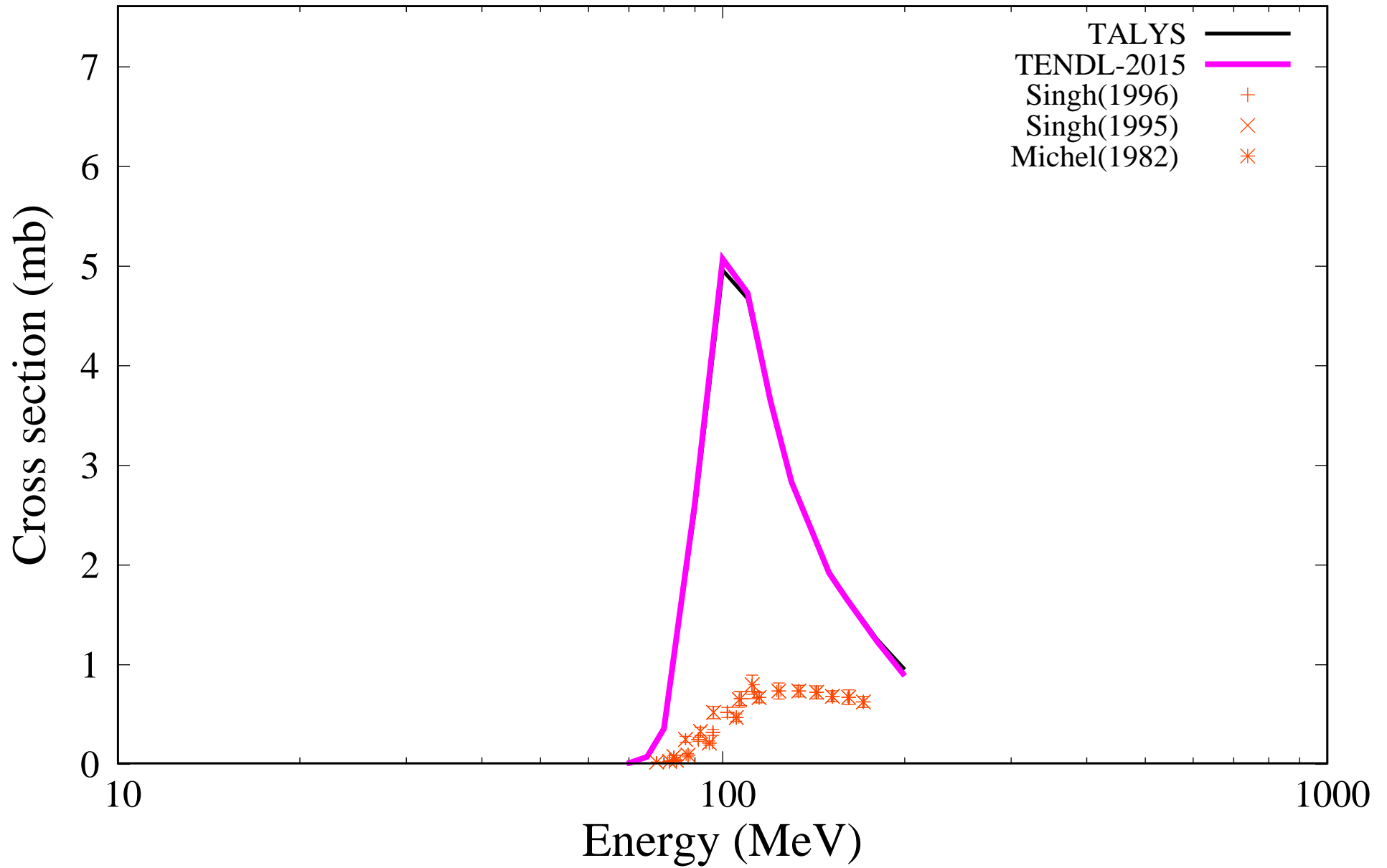
$^{51}\text{V}(a,x)^{46}\text{Sc}$ 

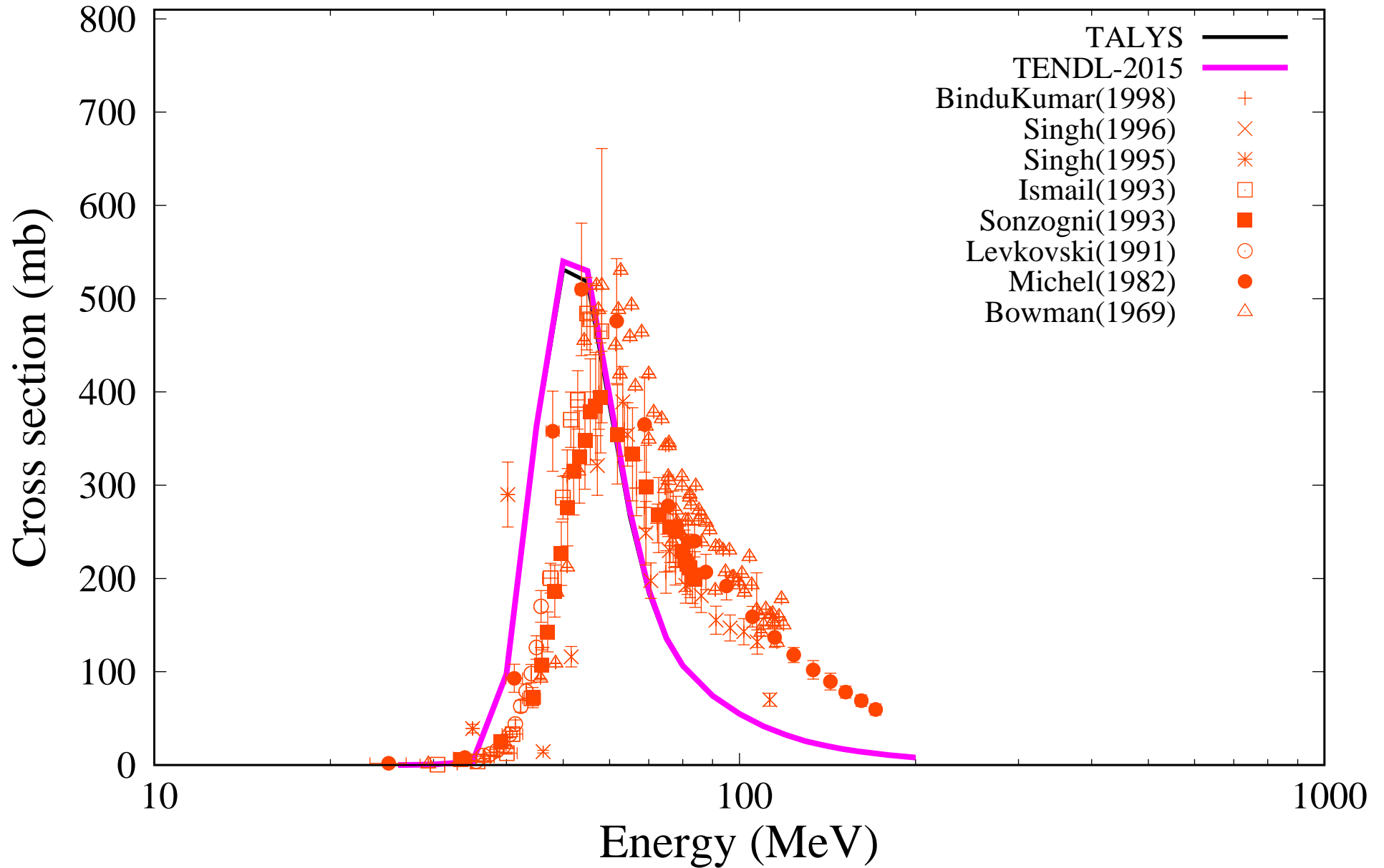
$^{51}\text{V}(\text{a,x})^{47}\text{Sc}$



$^{51}\text{V}(a,x)^{48}\text{V}$ 

$^{51}\text{V}(a,x)^{48}\text{Cr}$



$^{51}\text{V}(a,x)^{51}\text{Cr}$ 

$^{51}\text{V}(a,n)^{54}\text{Mn}$ 