



Title	Activation cross section measurement of alpha-particle induced reactions on natural neodymium
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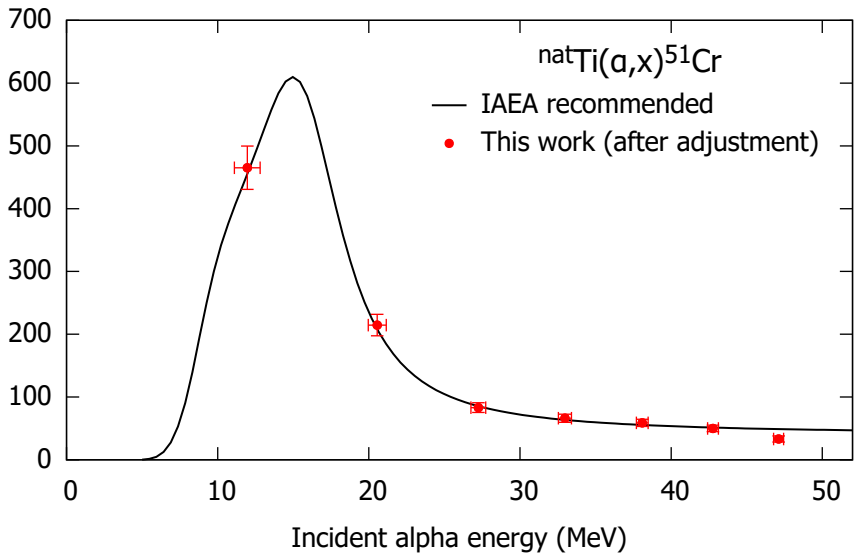


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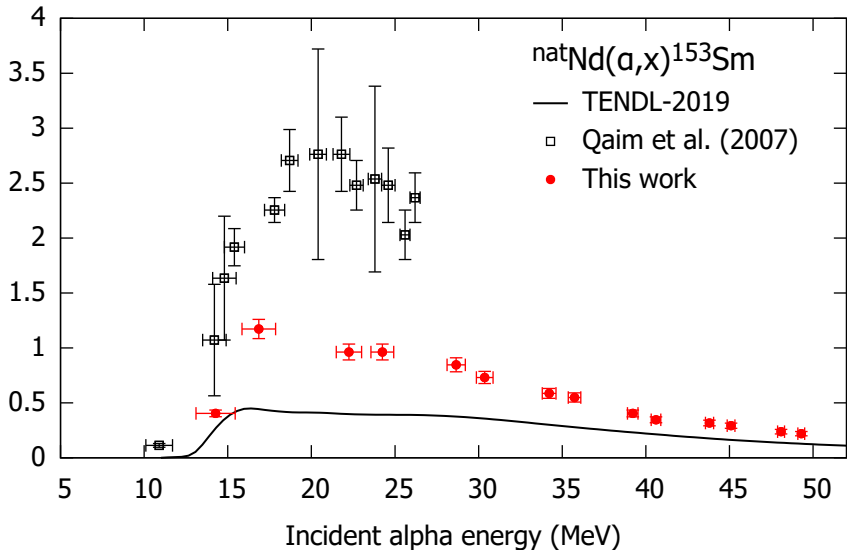
$\text{natTi}(\alpha, x)^{51}\text{Cr}$

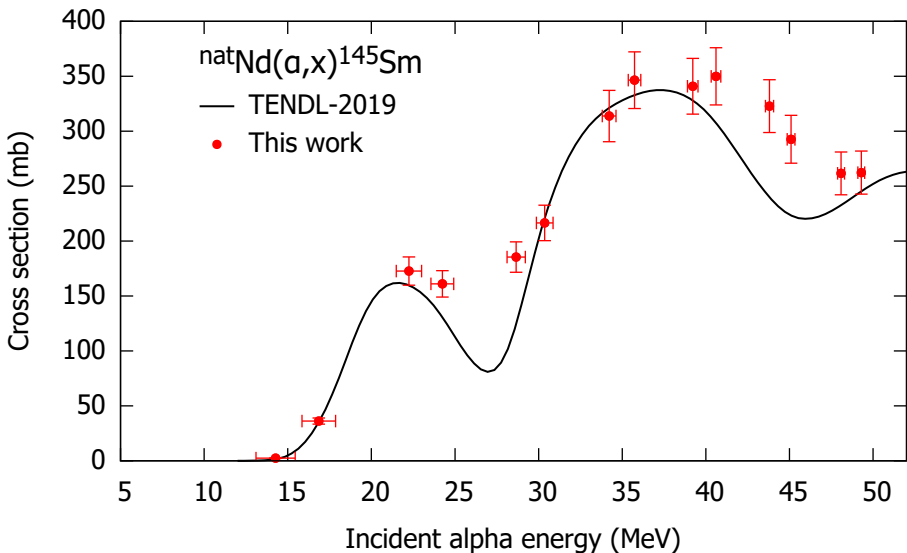
- IAEA recommended
- This work (after adjustment)

Cross section (mb)

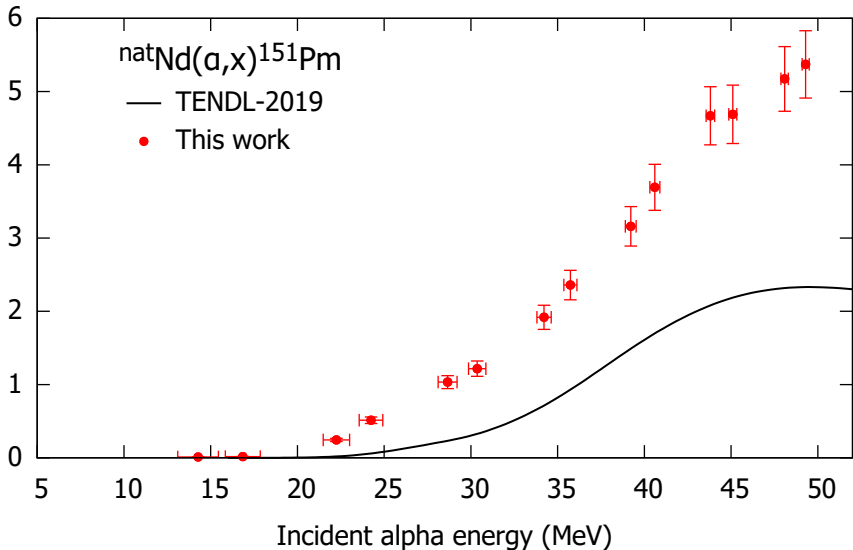


Cross section (mb)





Cross section (mb)

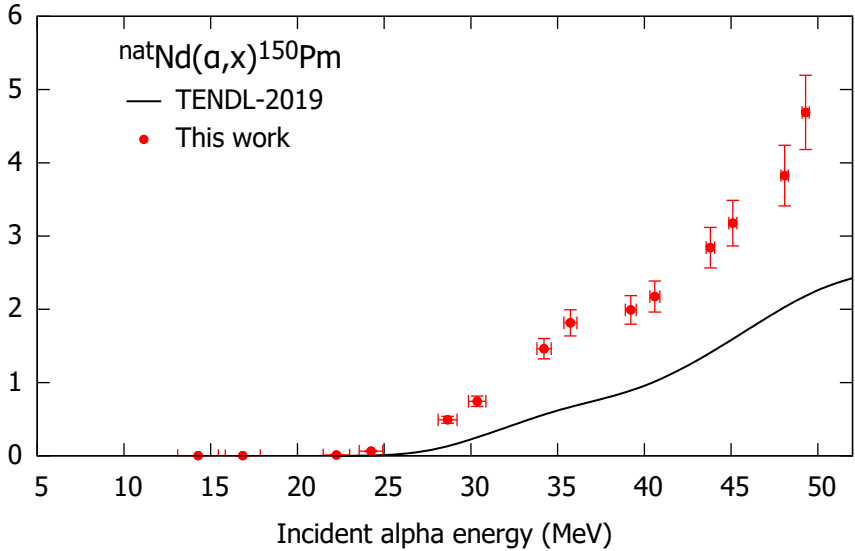


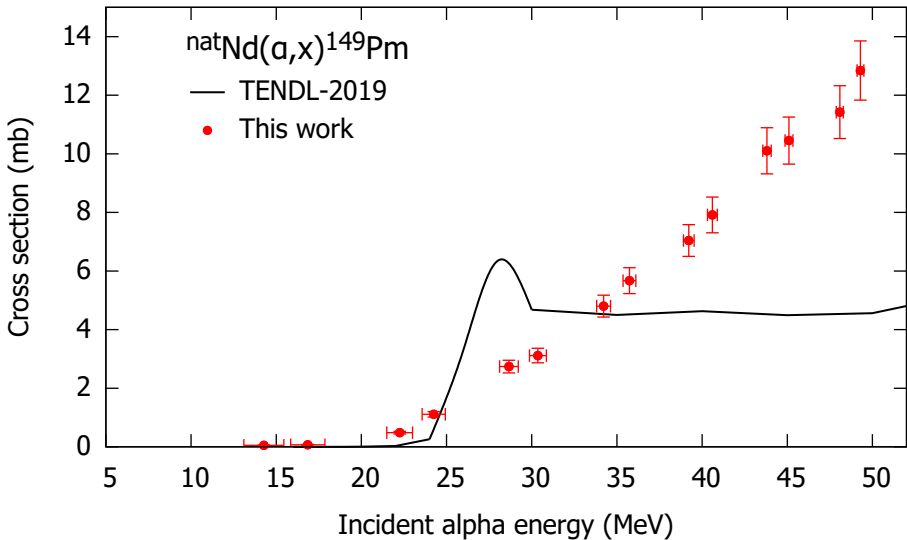
Cross section (mb)

$^{nat}\text{Nd}(\alpha, x)^{150}\text{Pm}$

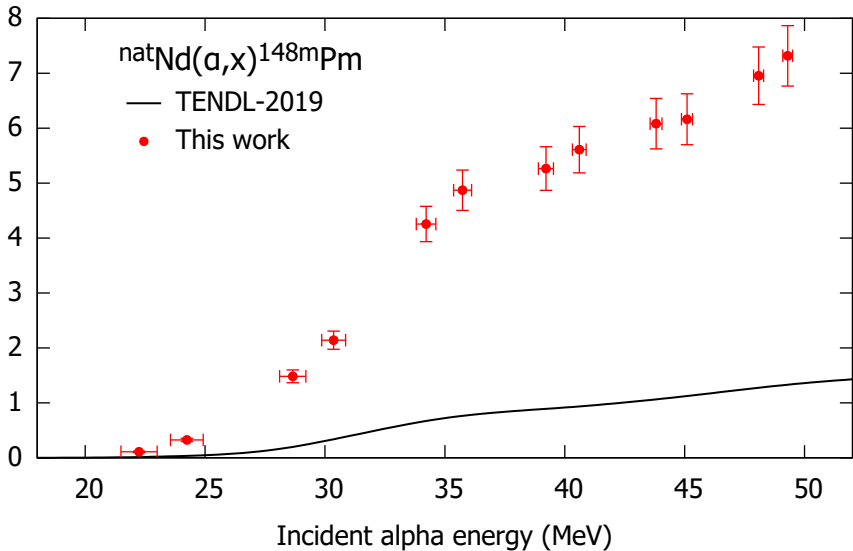
— TENDL-2019

• This work

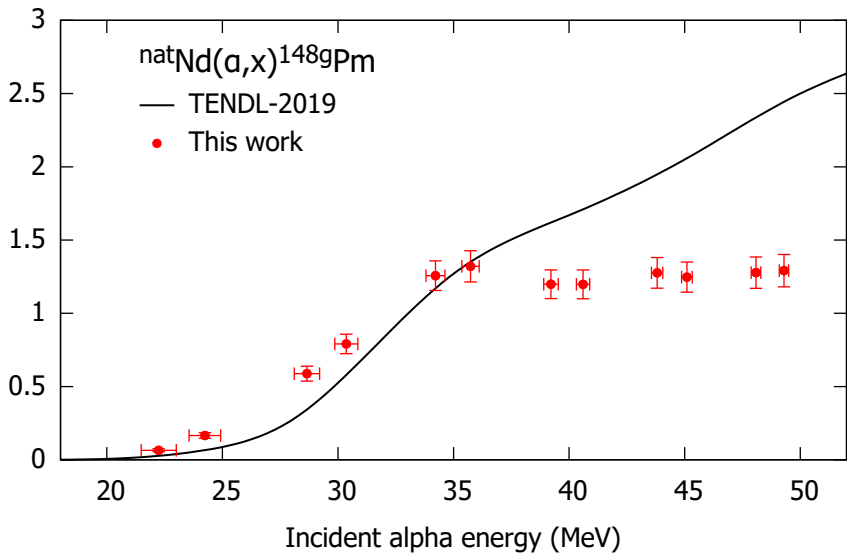


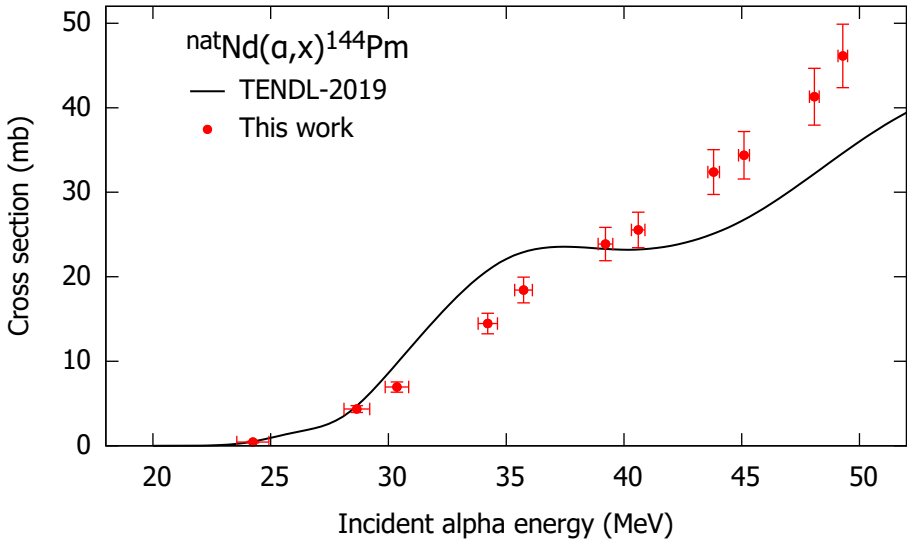


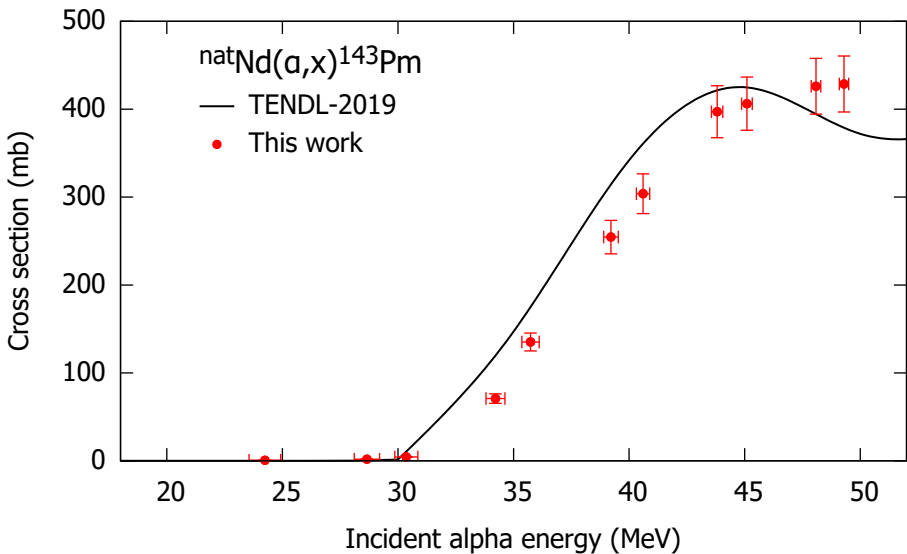
Cross section (mb)



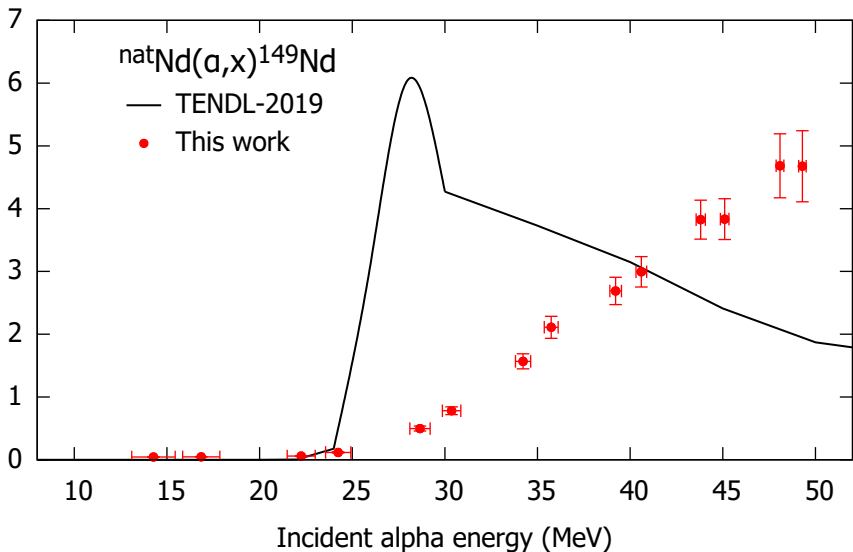
Cross section (mb)







Cross section (mb)



Cross section (mb)

