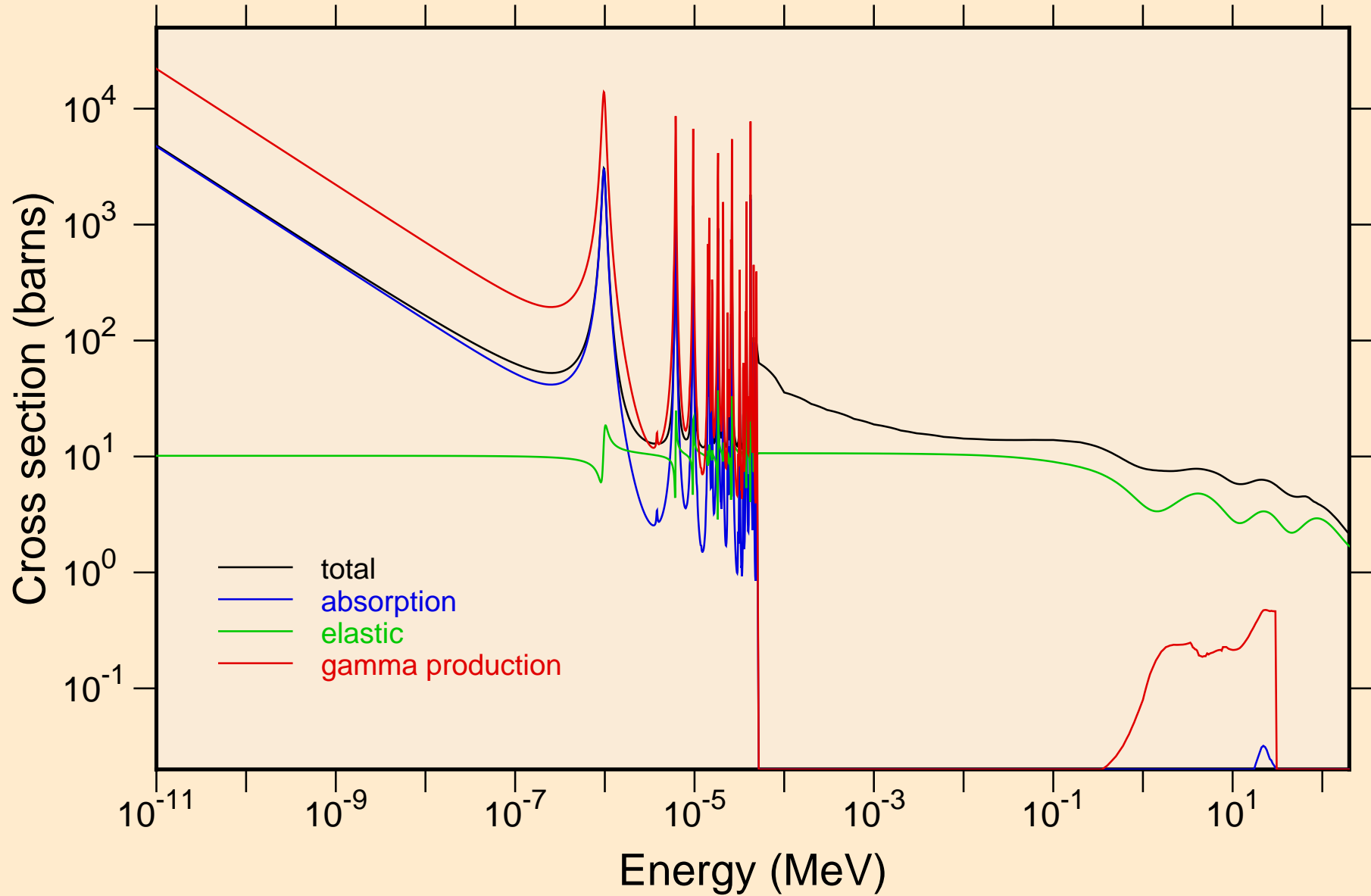
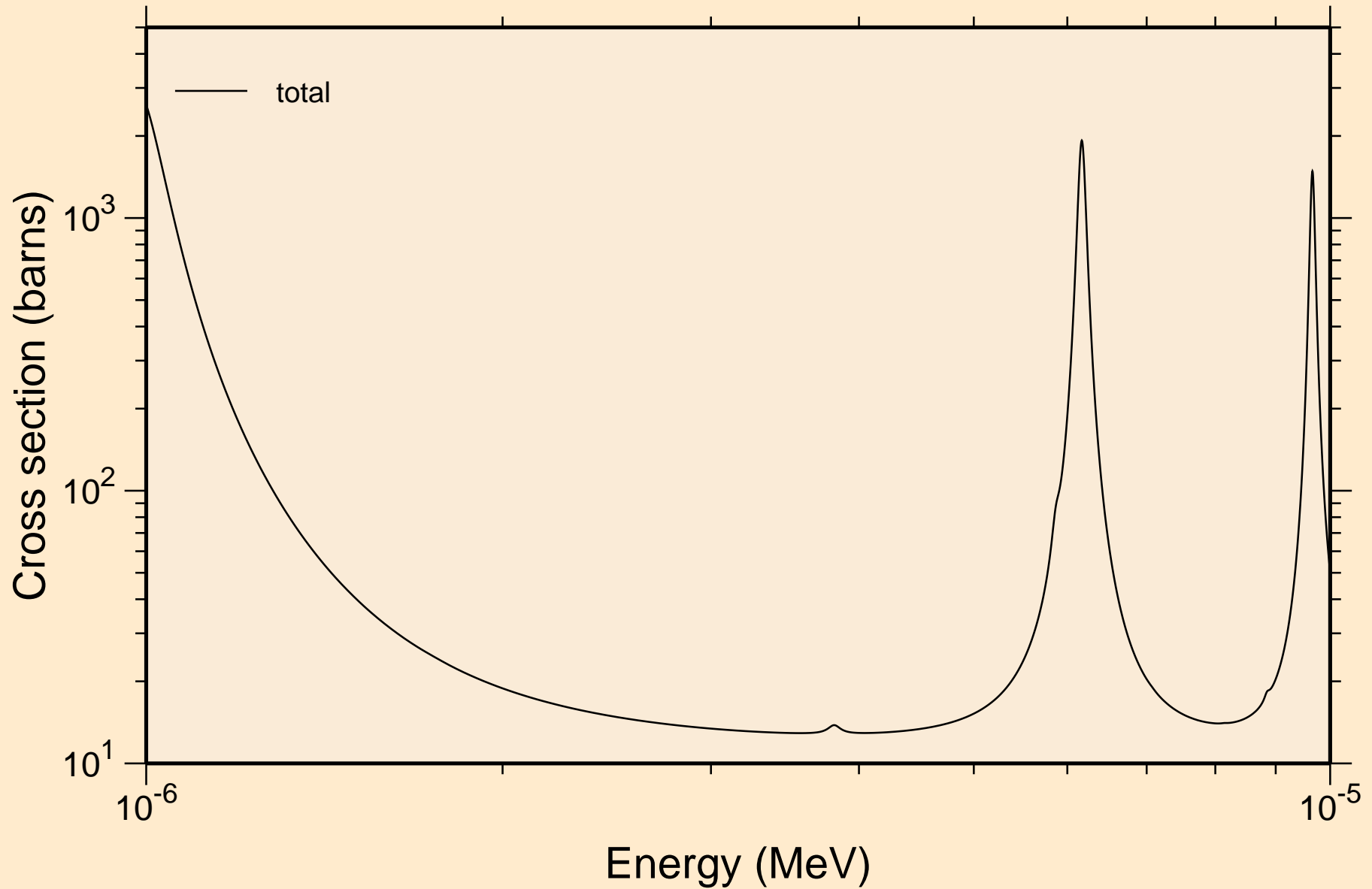


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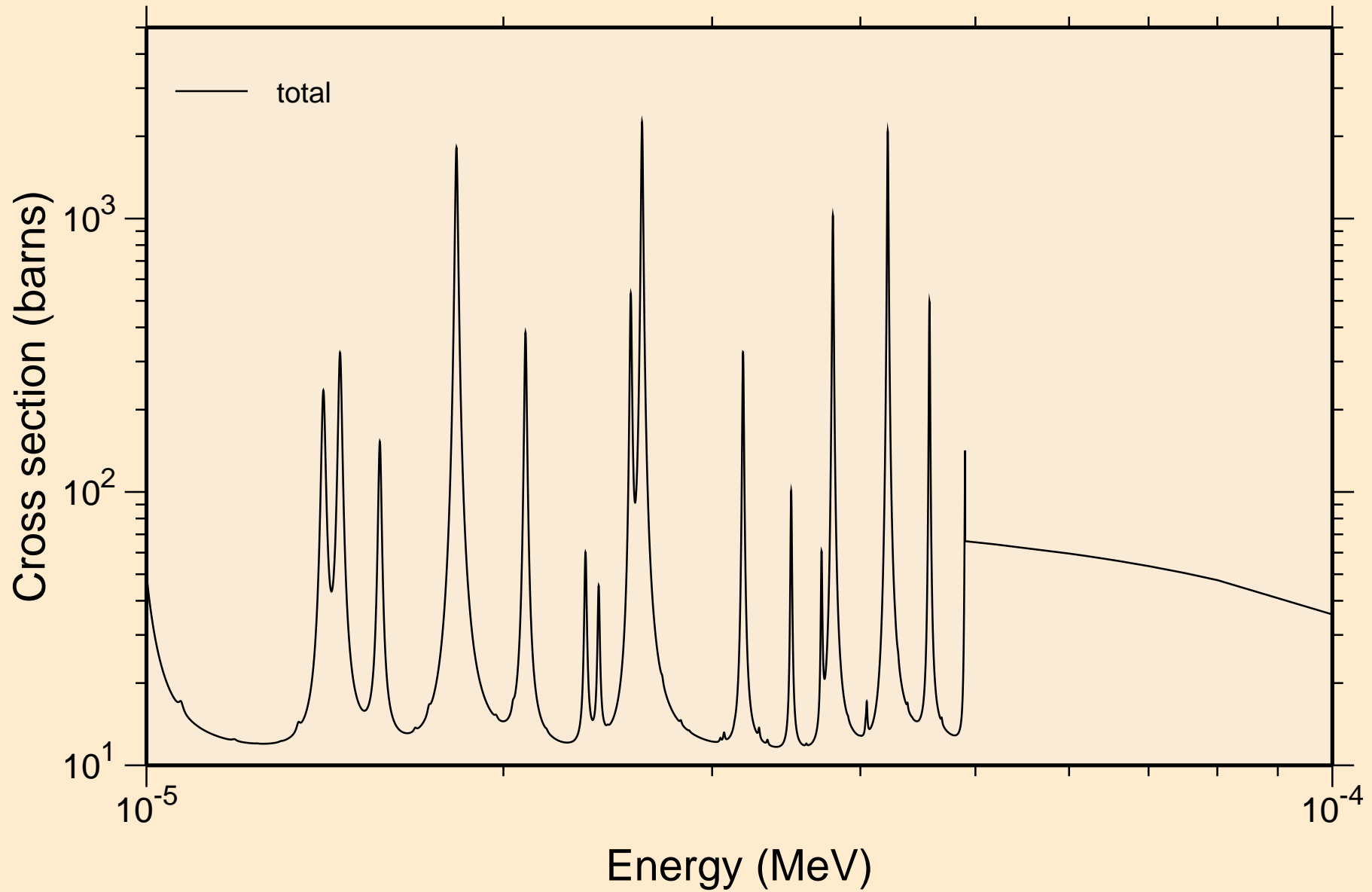
## Principal cross sections



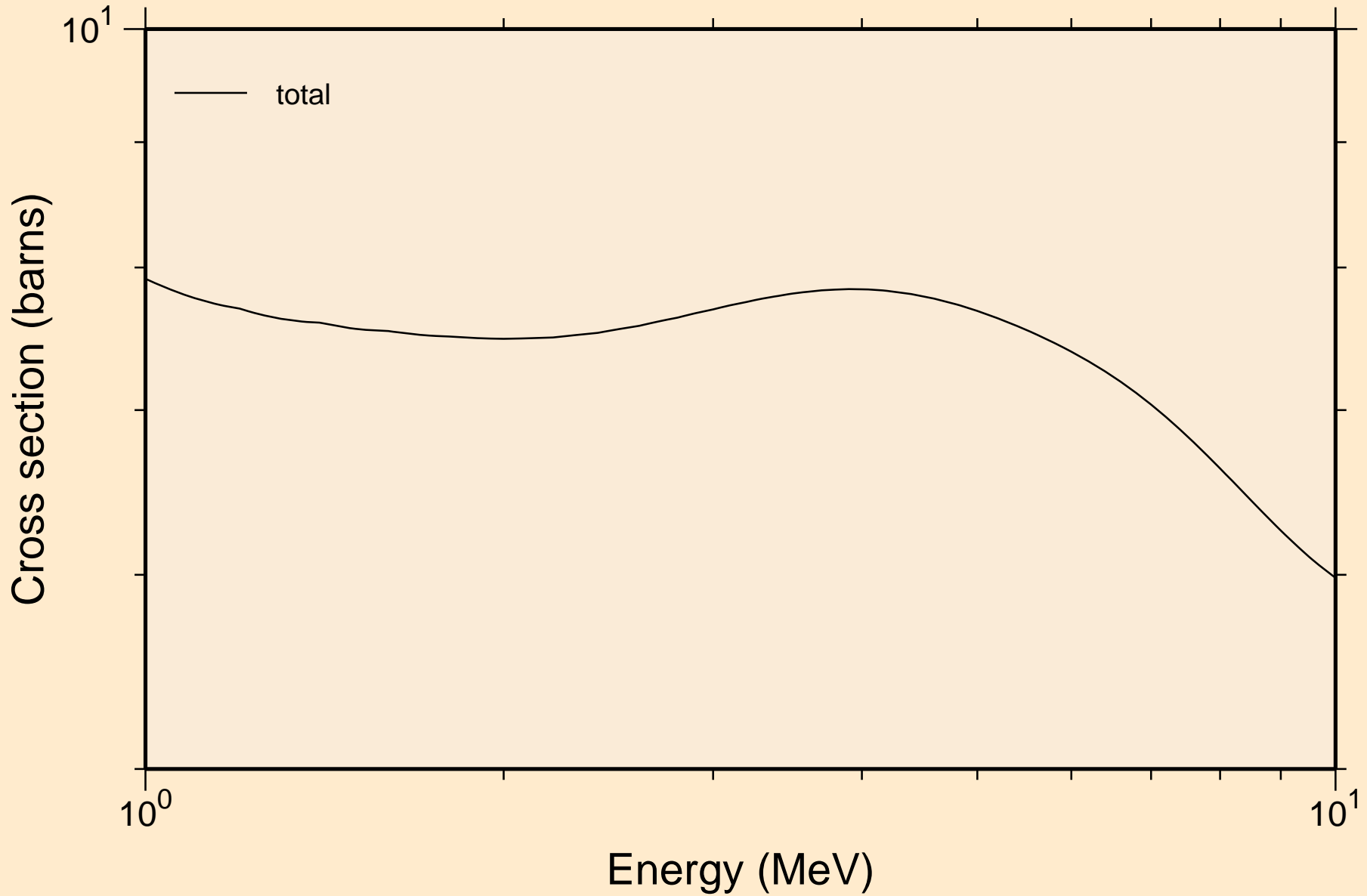
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resonance total cross section



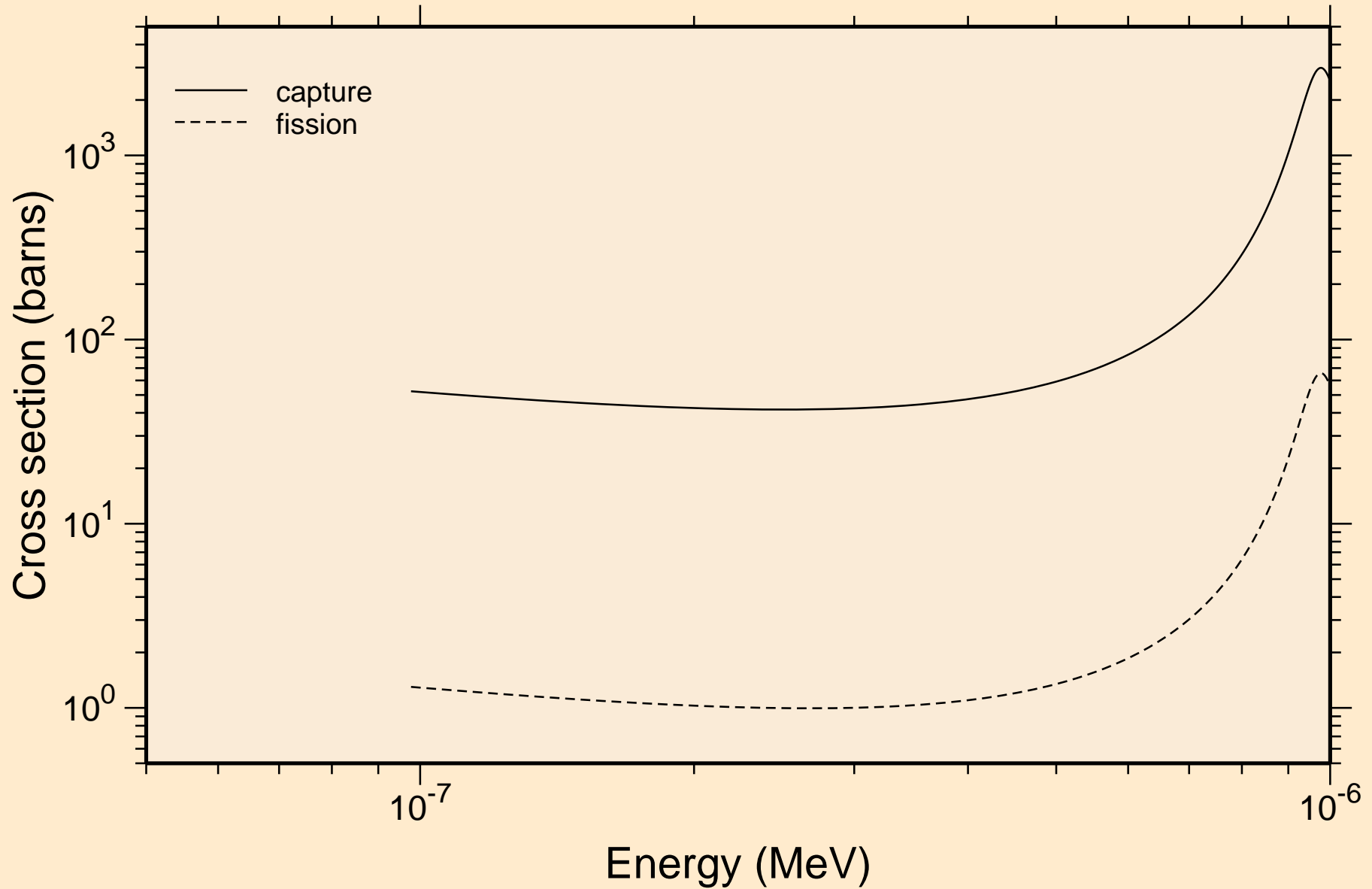
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resonance total cross section



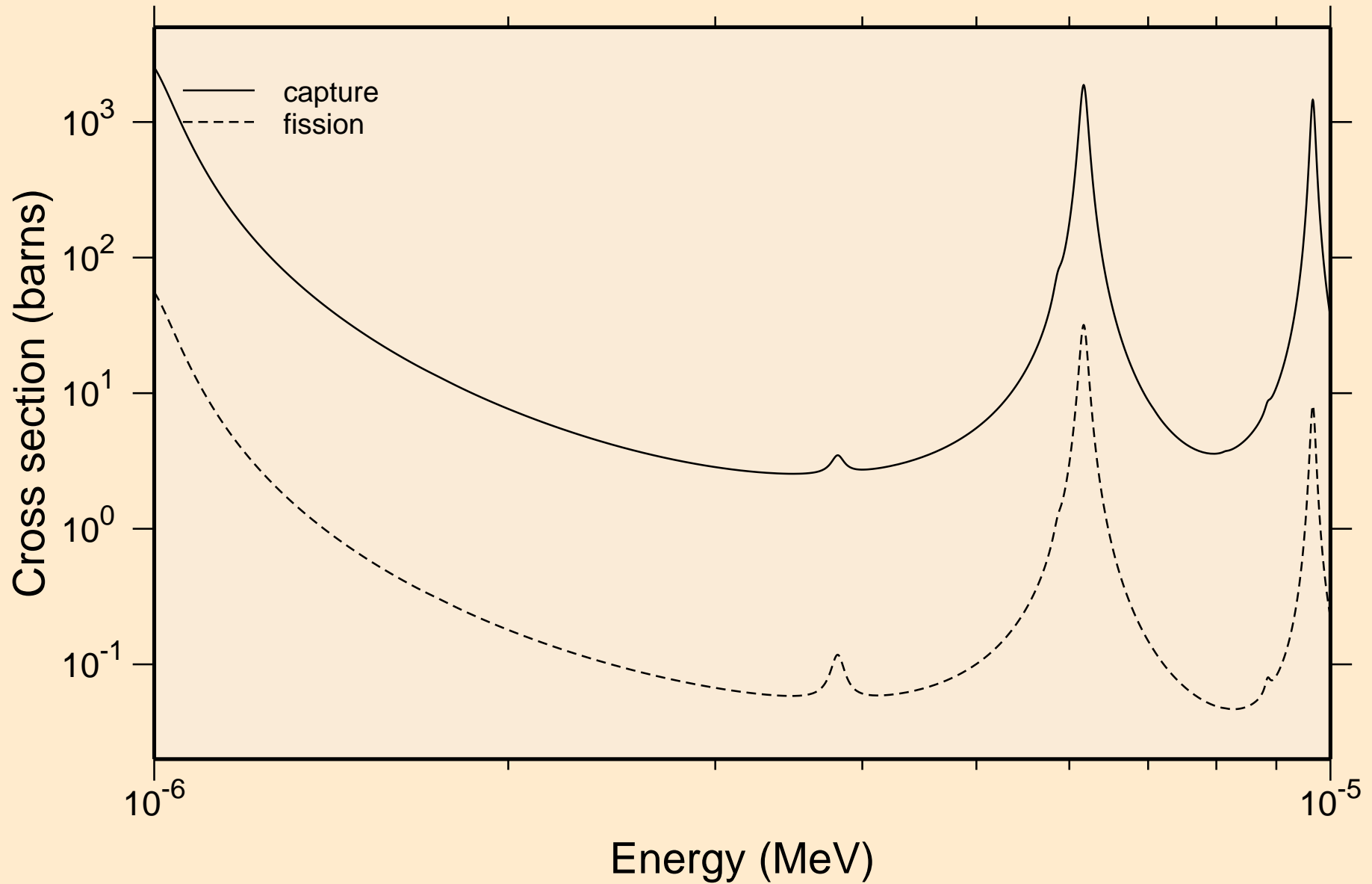
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resonance total cross section



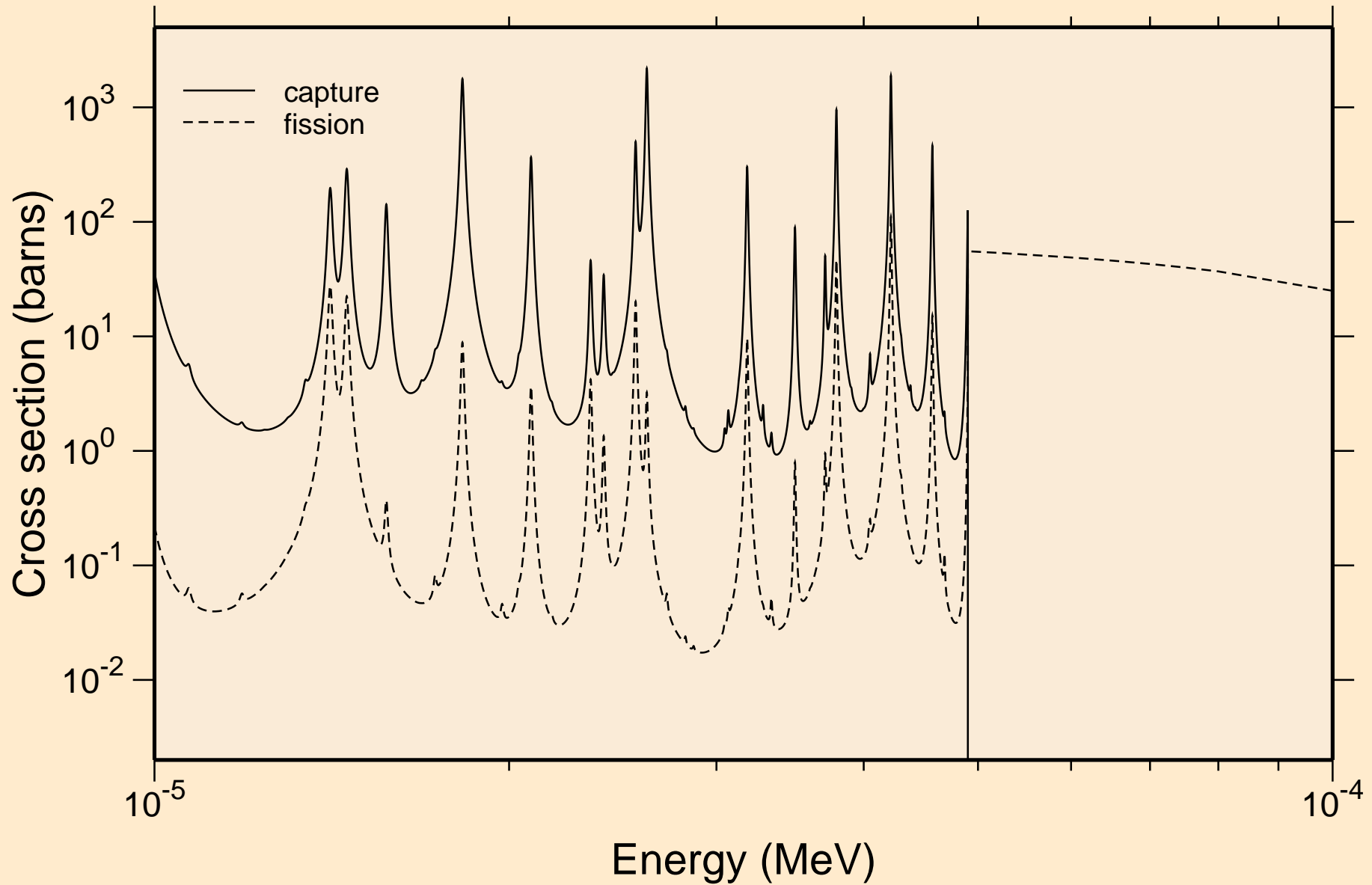
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resonance absorption cross sections



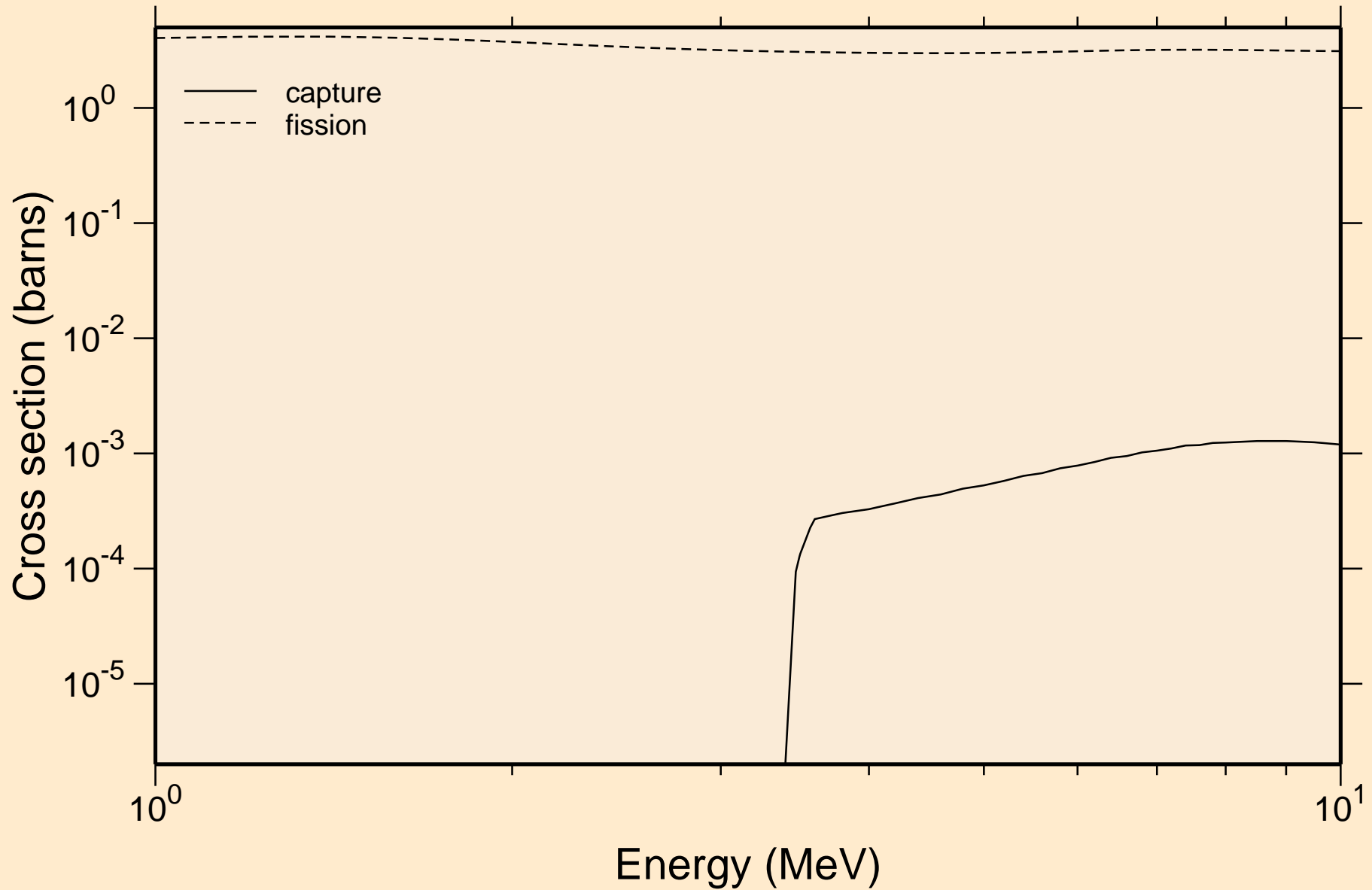
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resonance absorption cross sections



NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



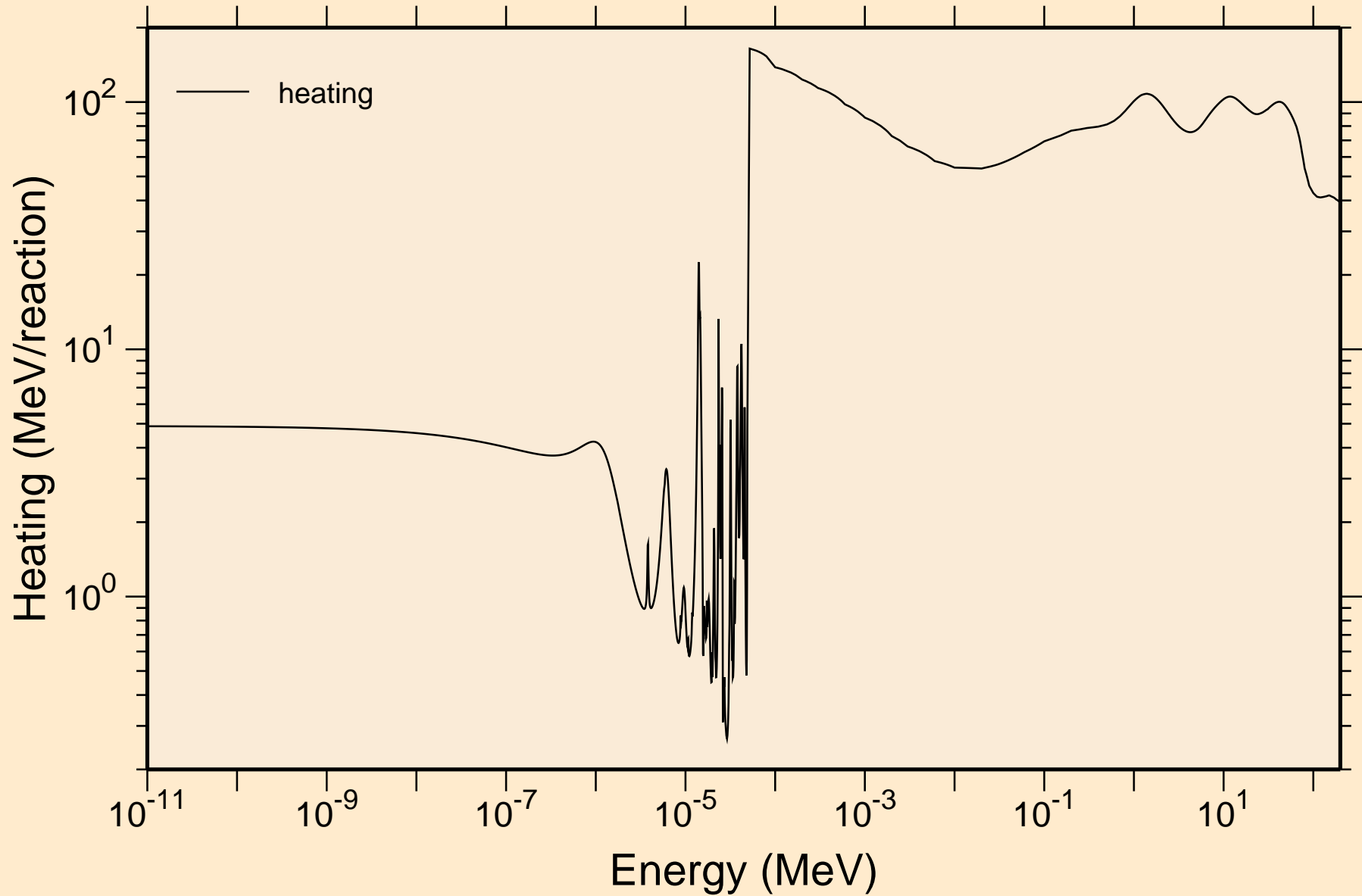
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resonance absorption cross sections





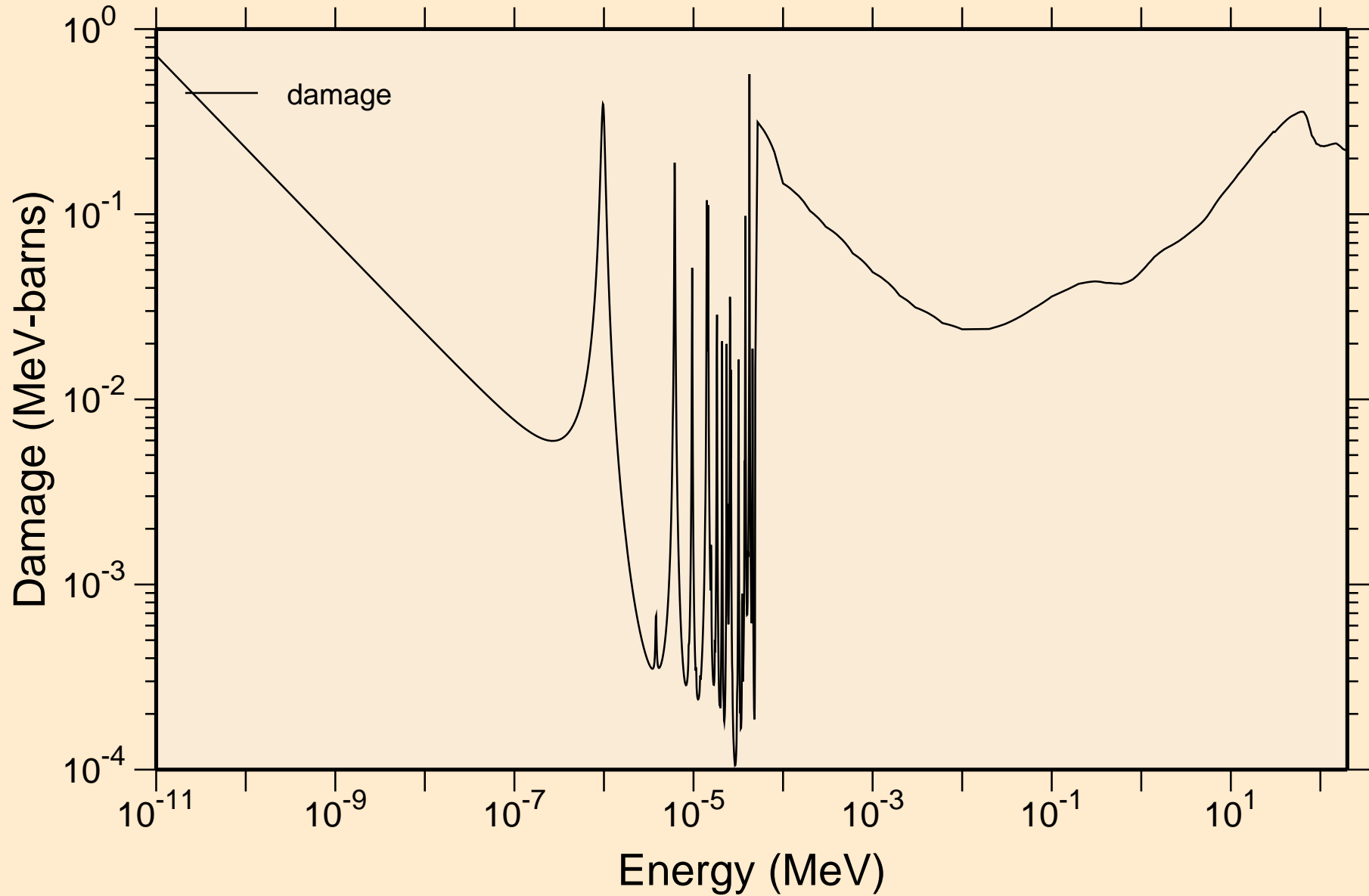
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## Heating



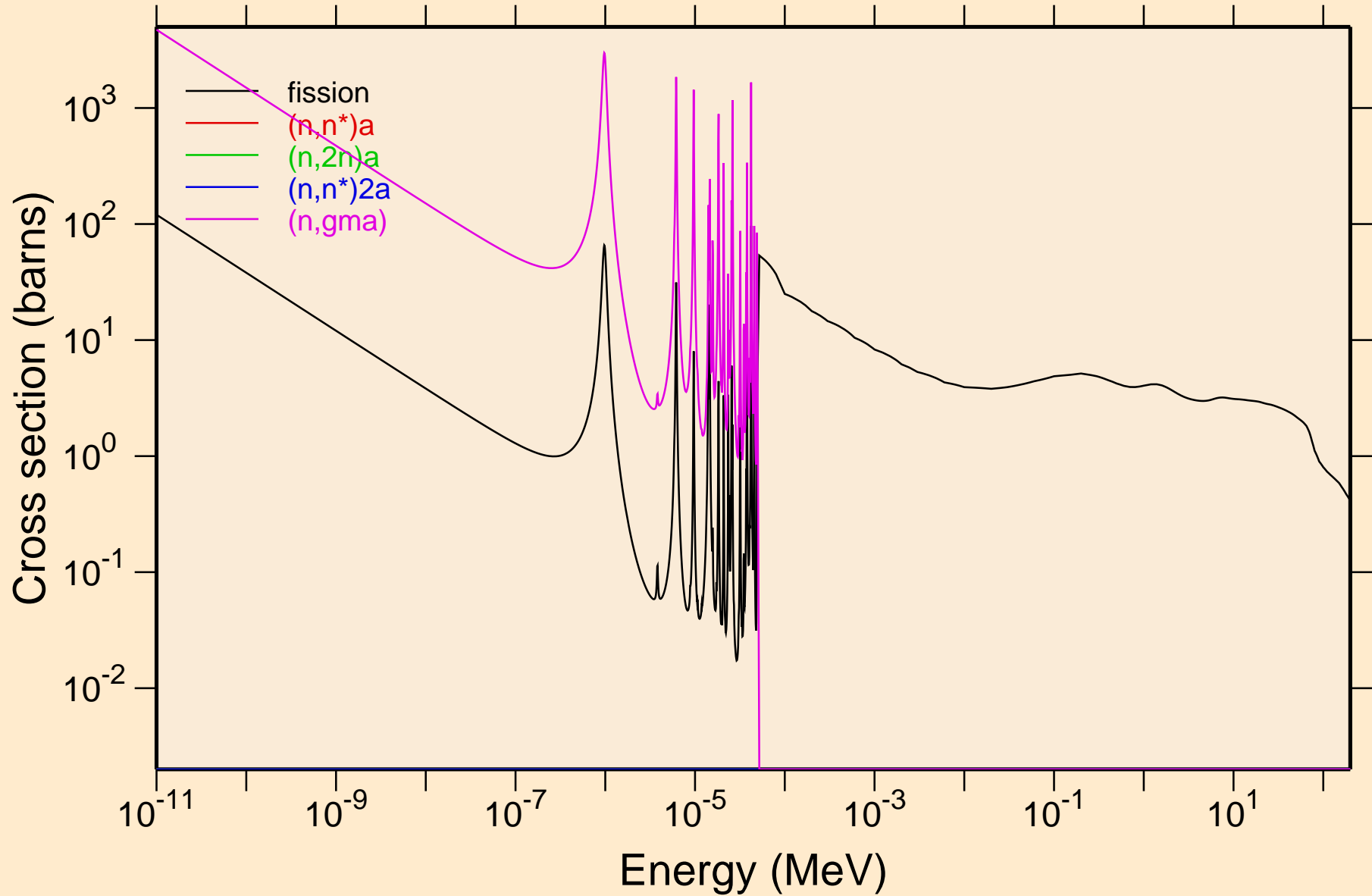
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## Damage

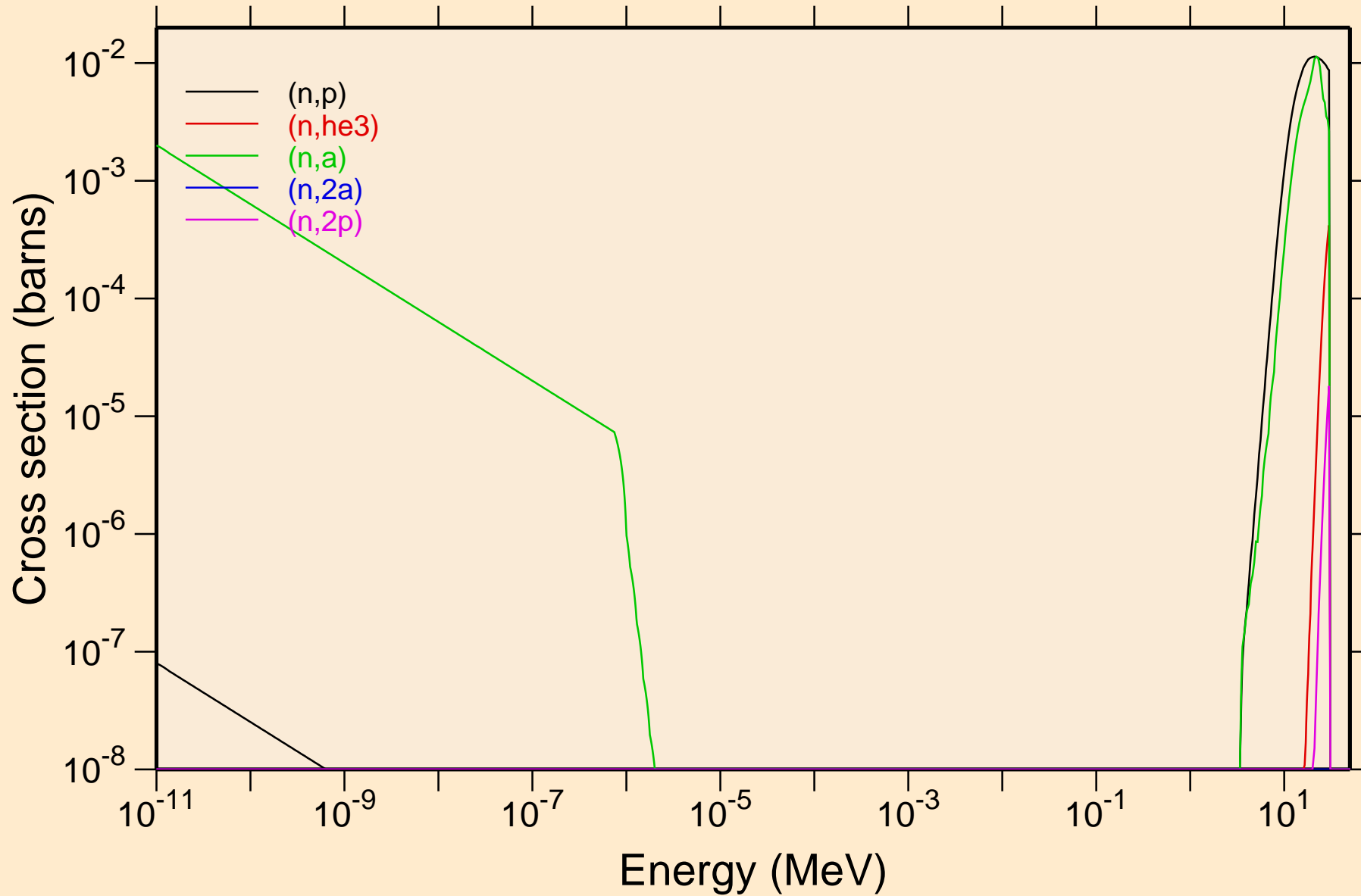


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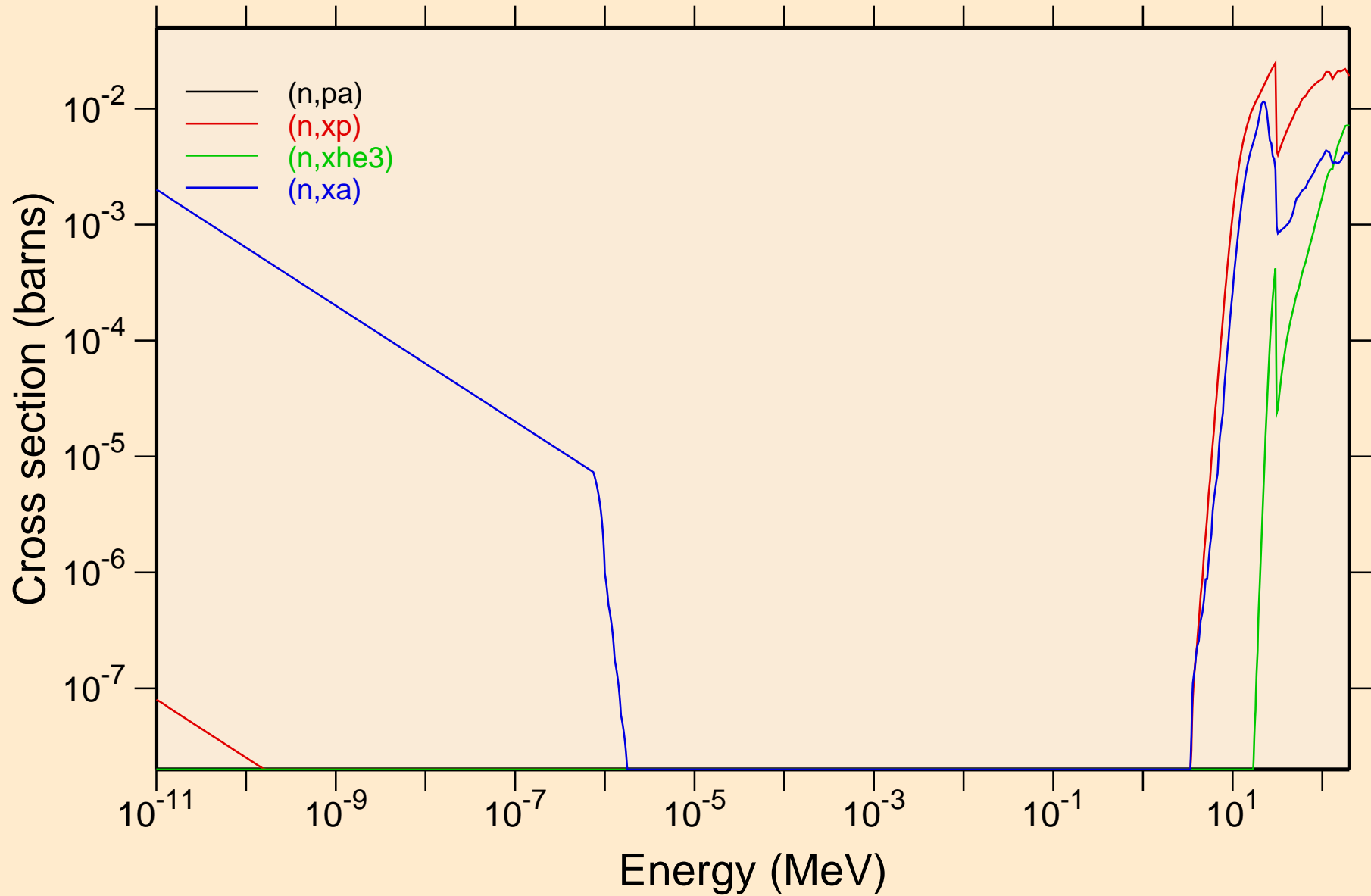
## Non-threshold reactions



NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

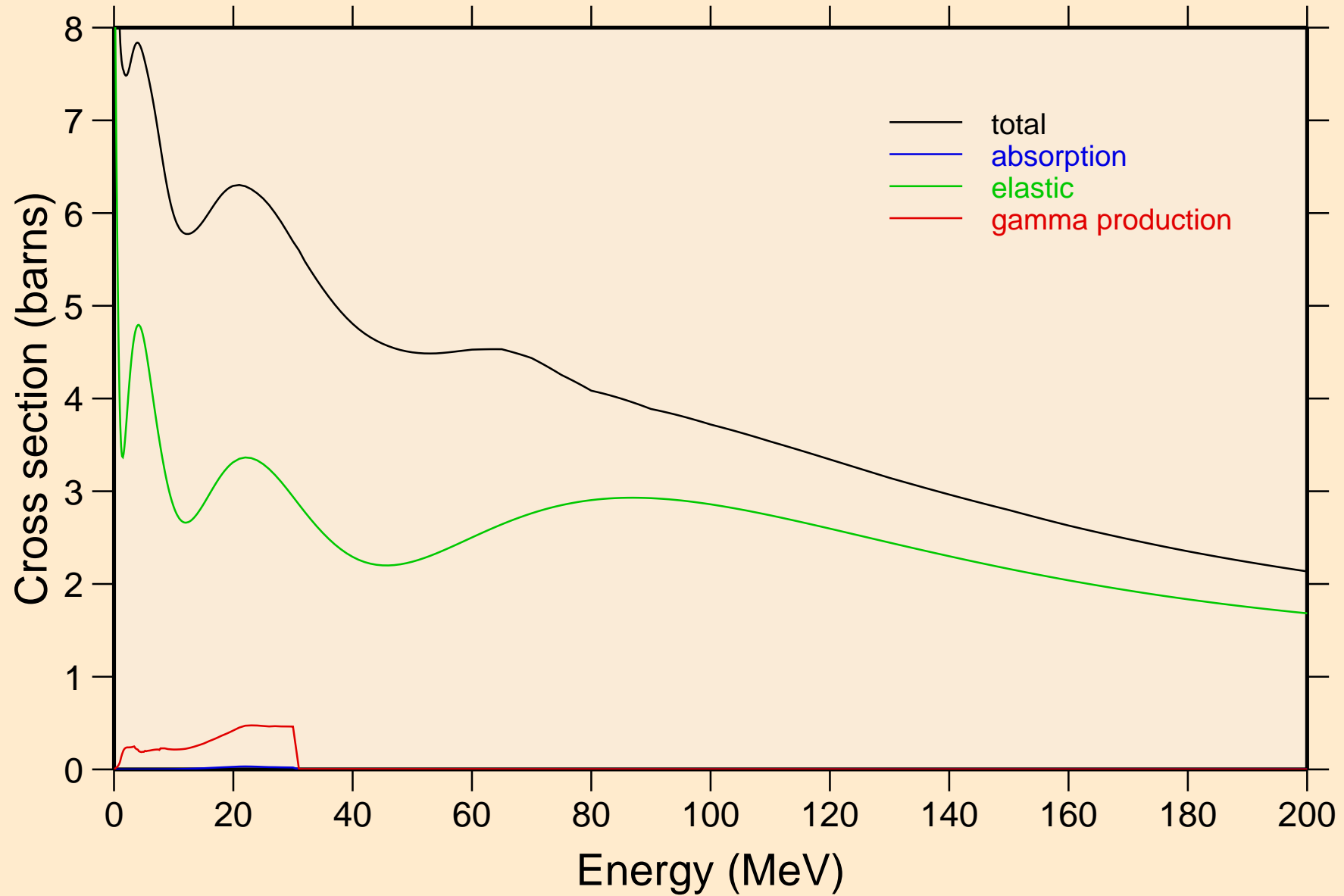


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Non-threshold reactions



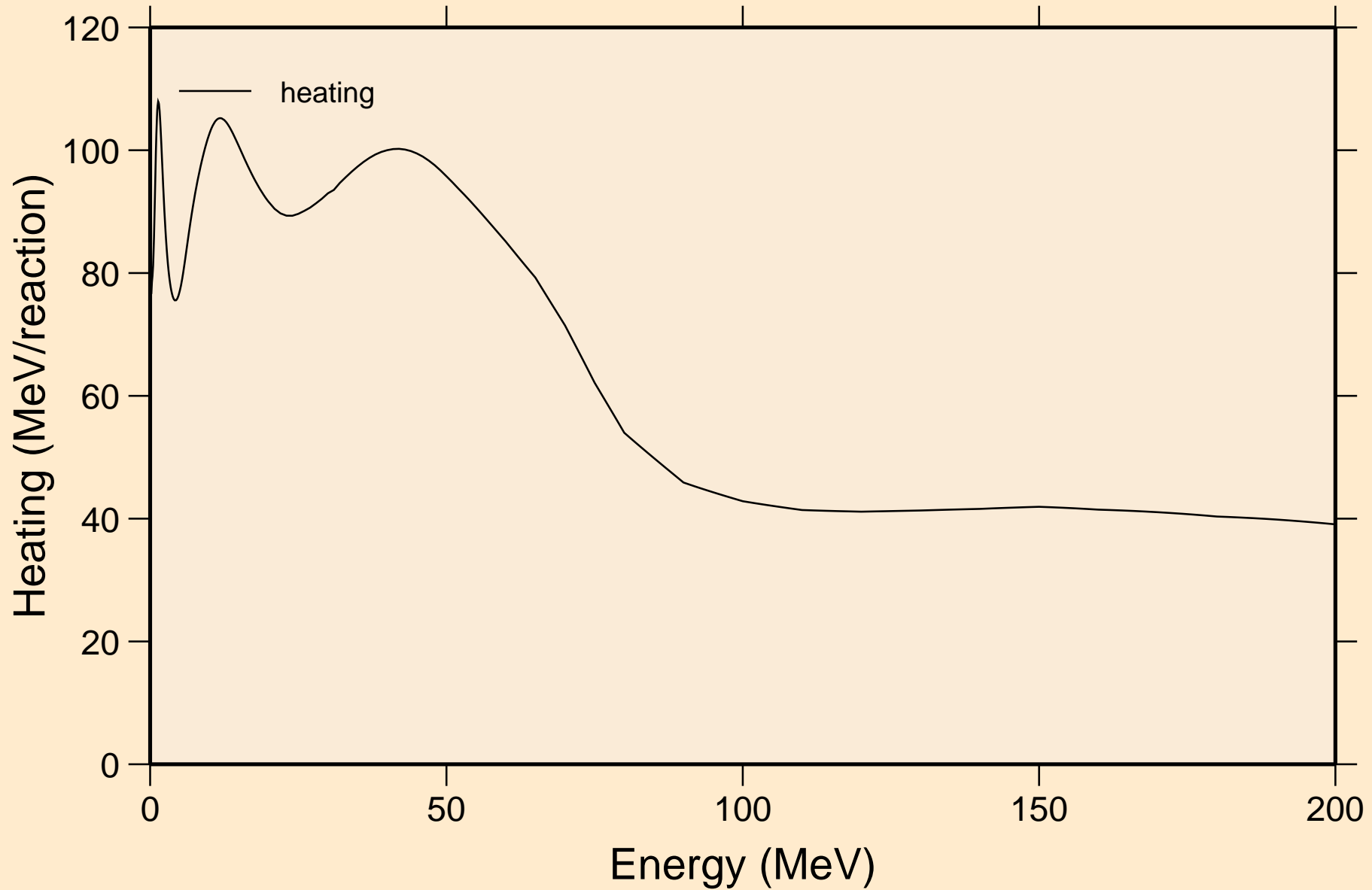
# NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



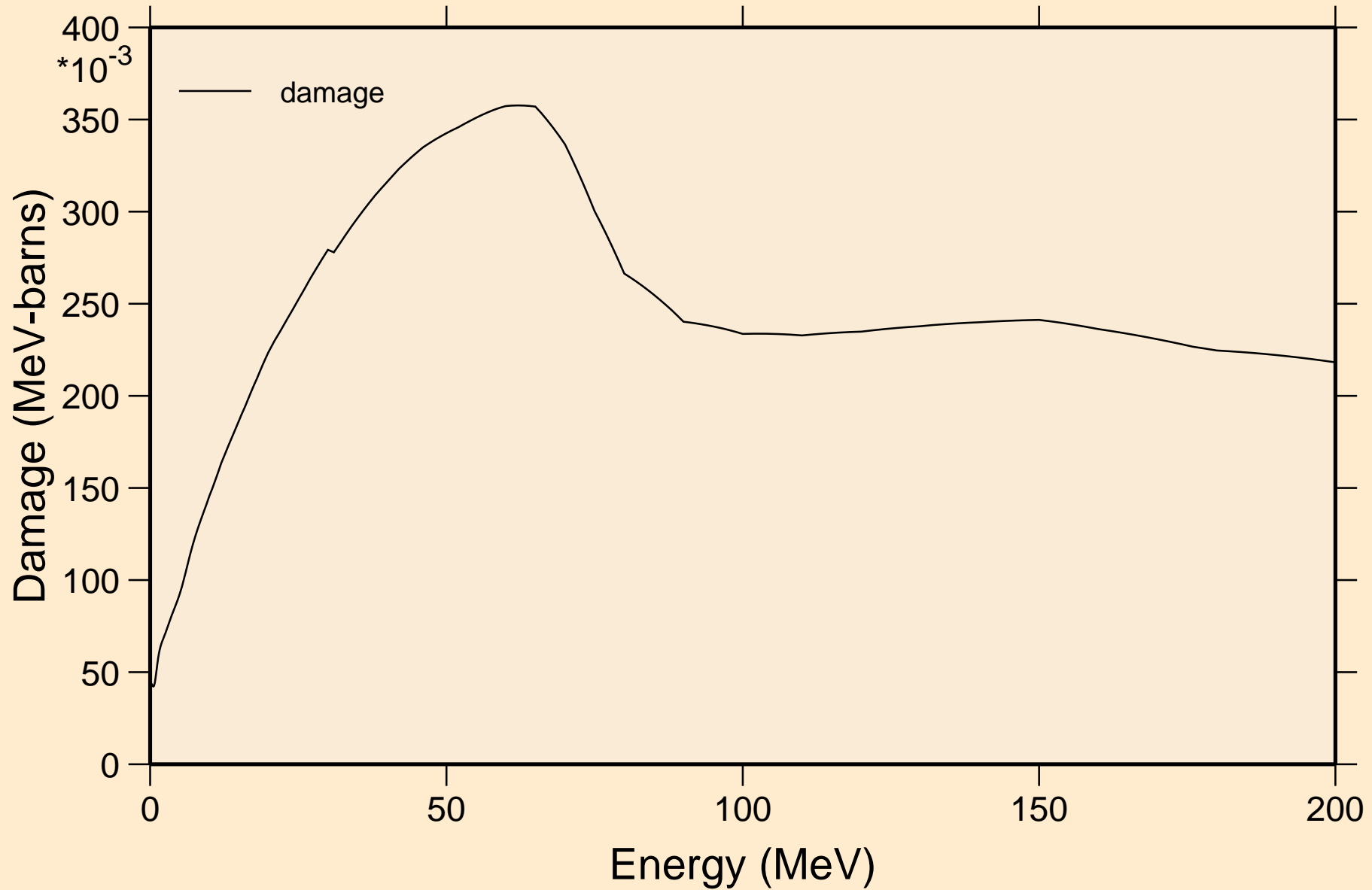
# NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



# NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

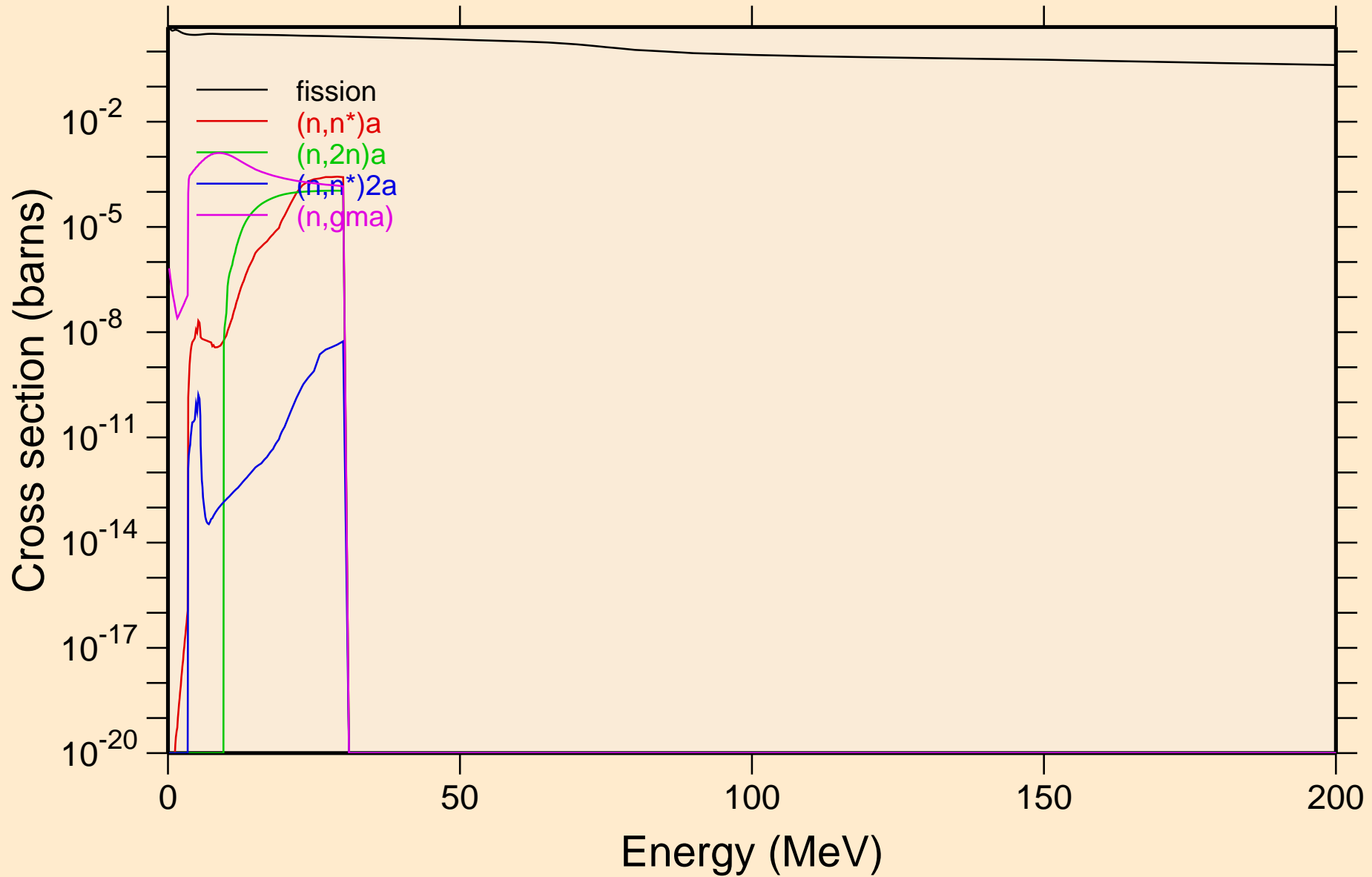
## Damage



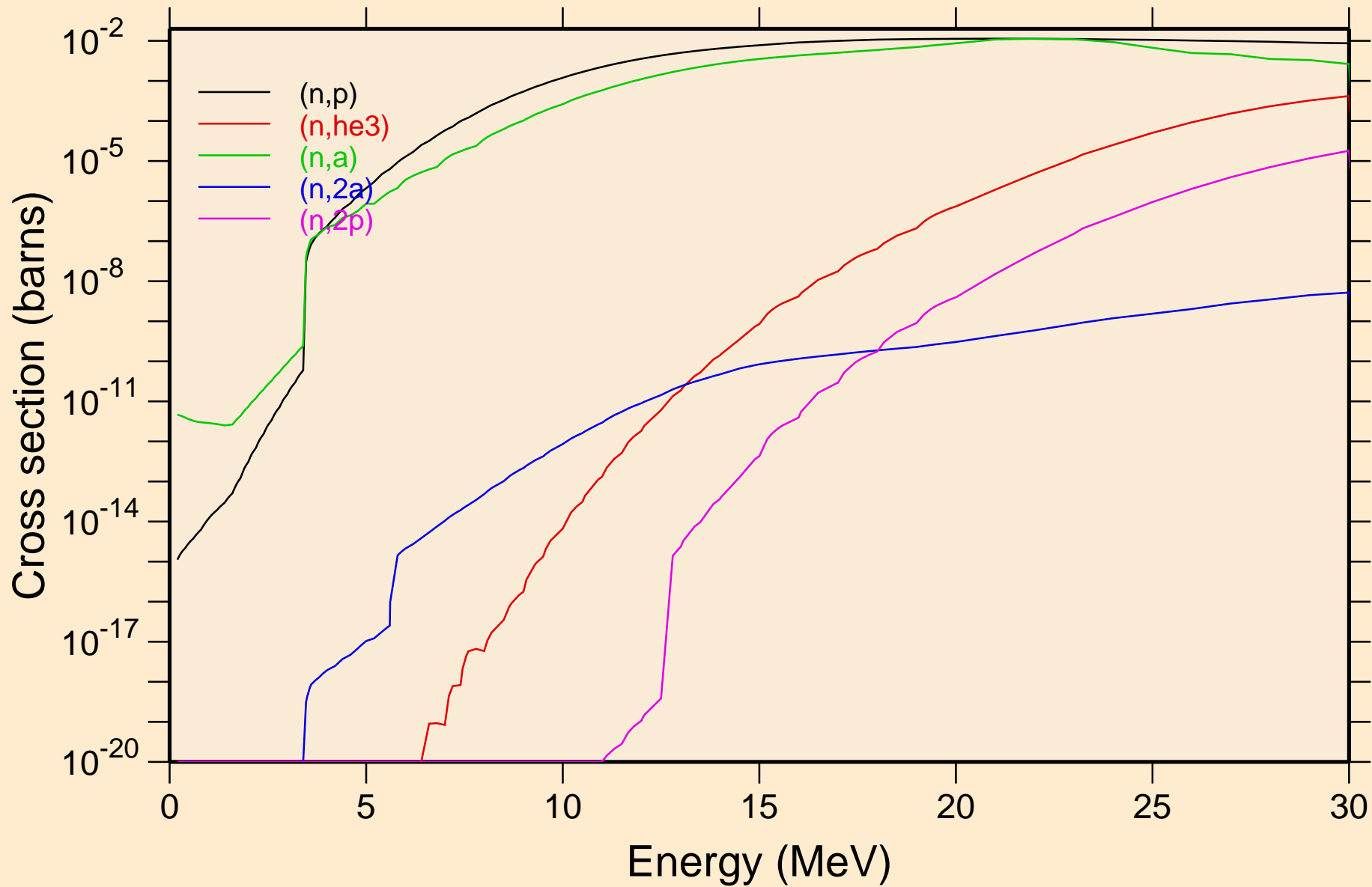


# NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

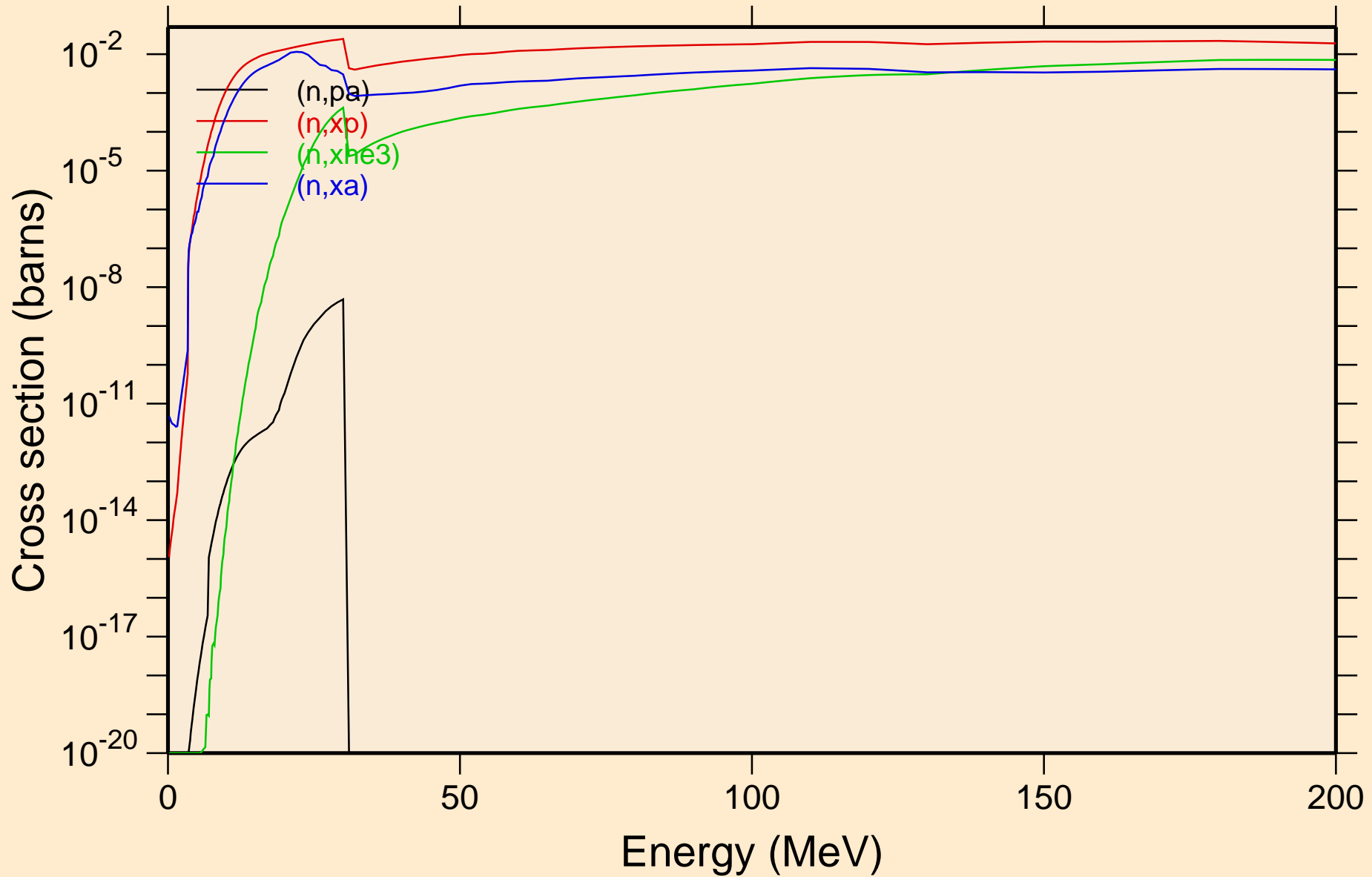
## Non-threshold reactions



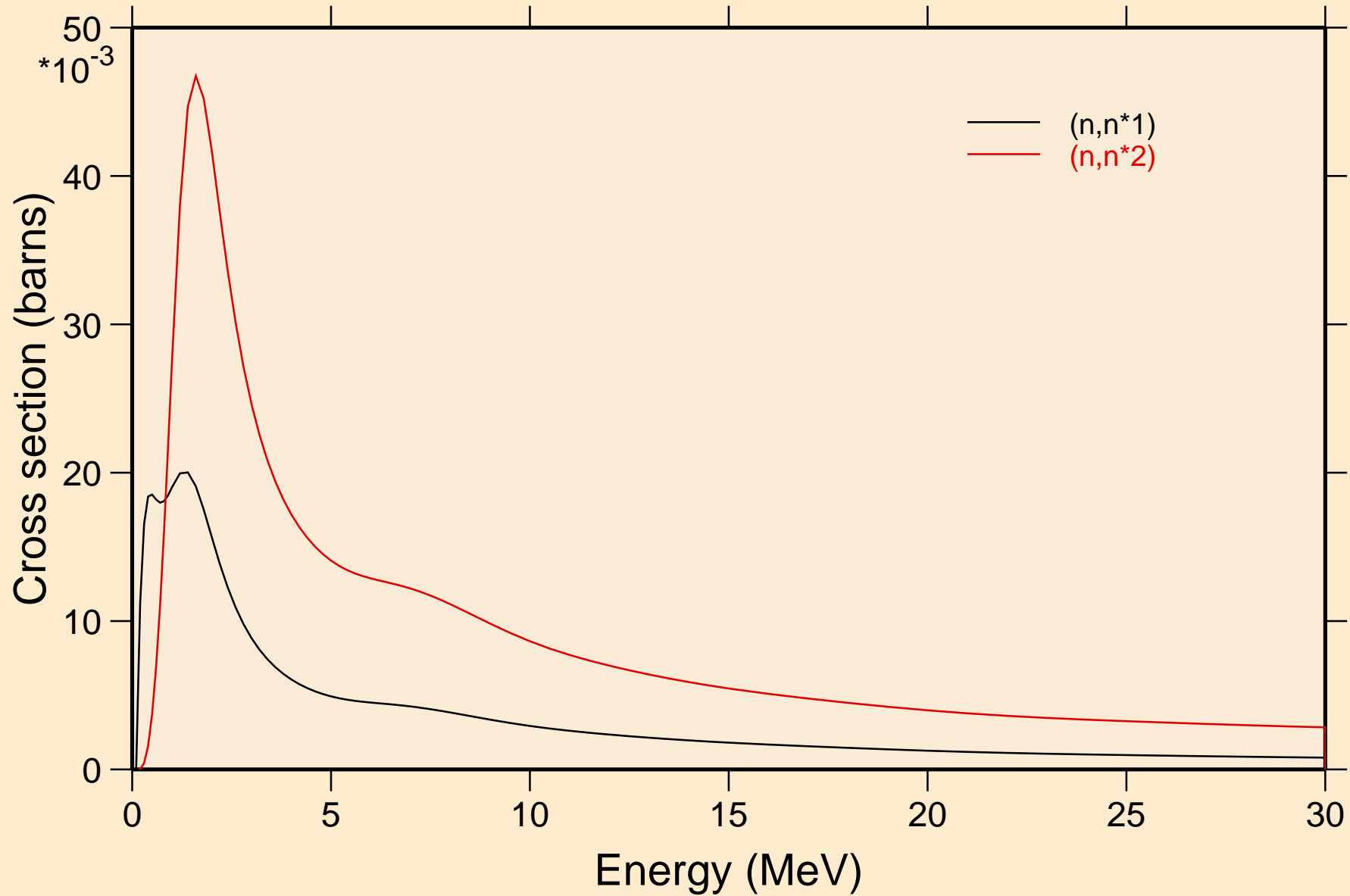
NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

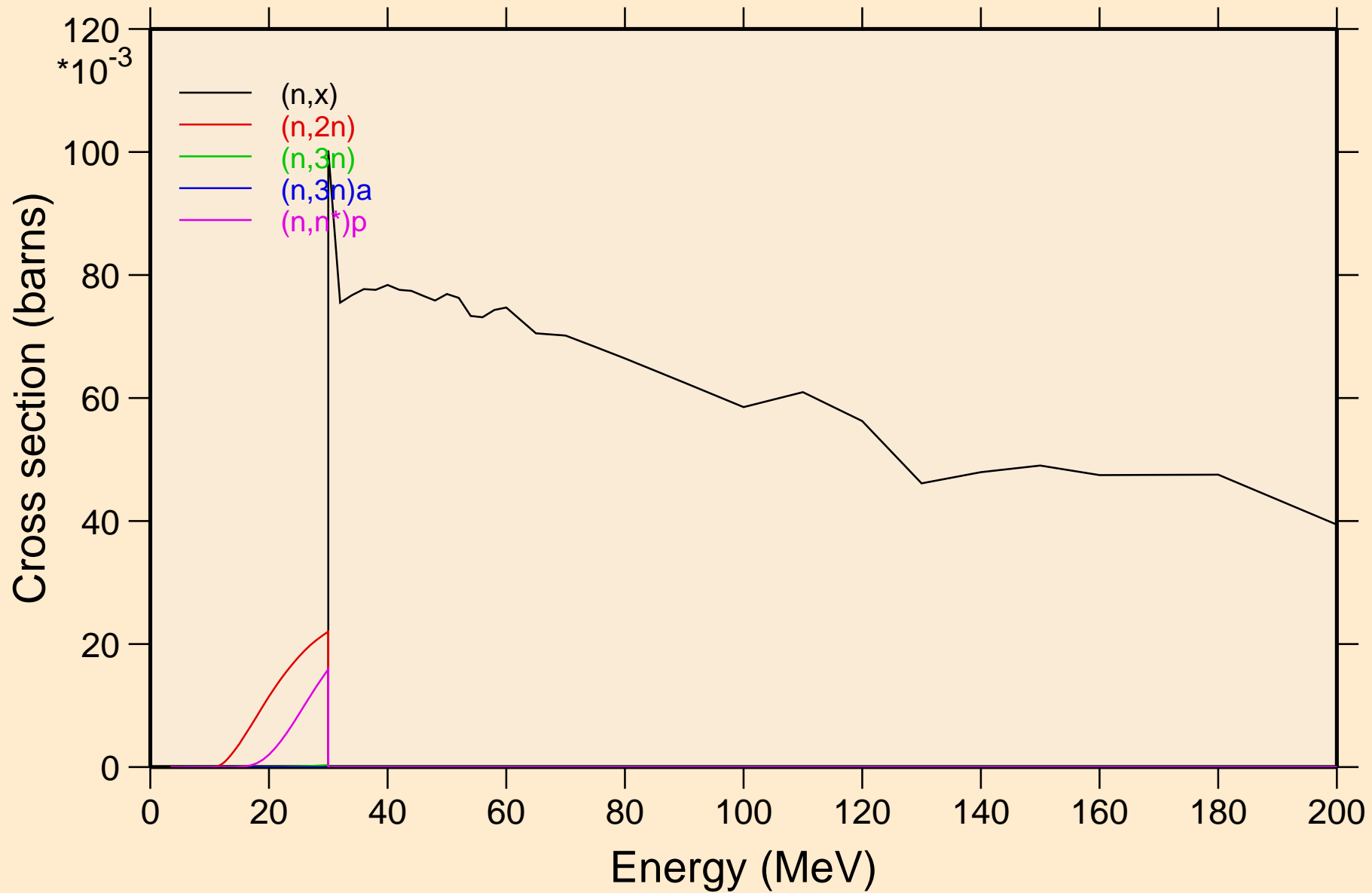


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Inelastic levels



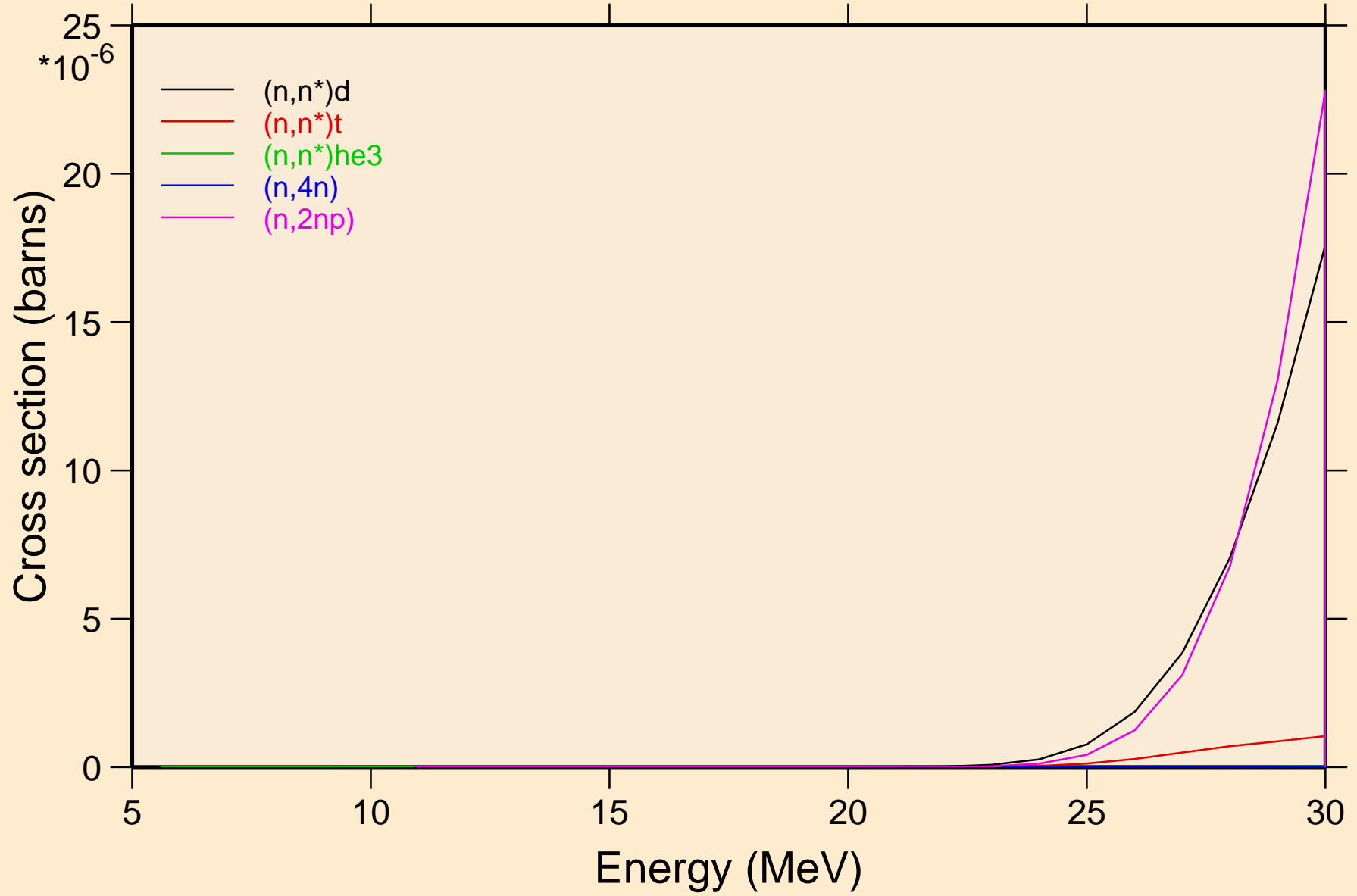
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## Threshold reactions



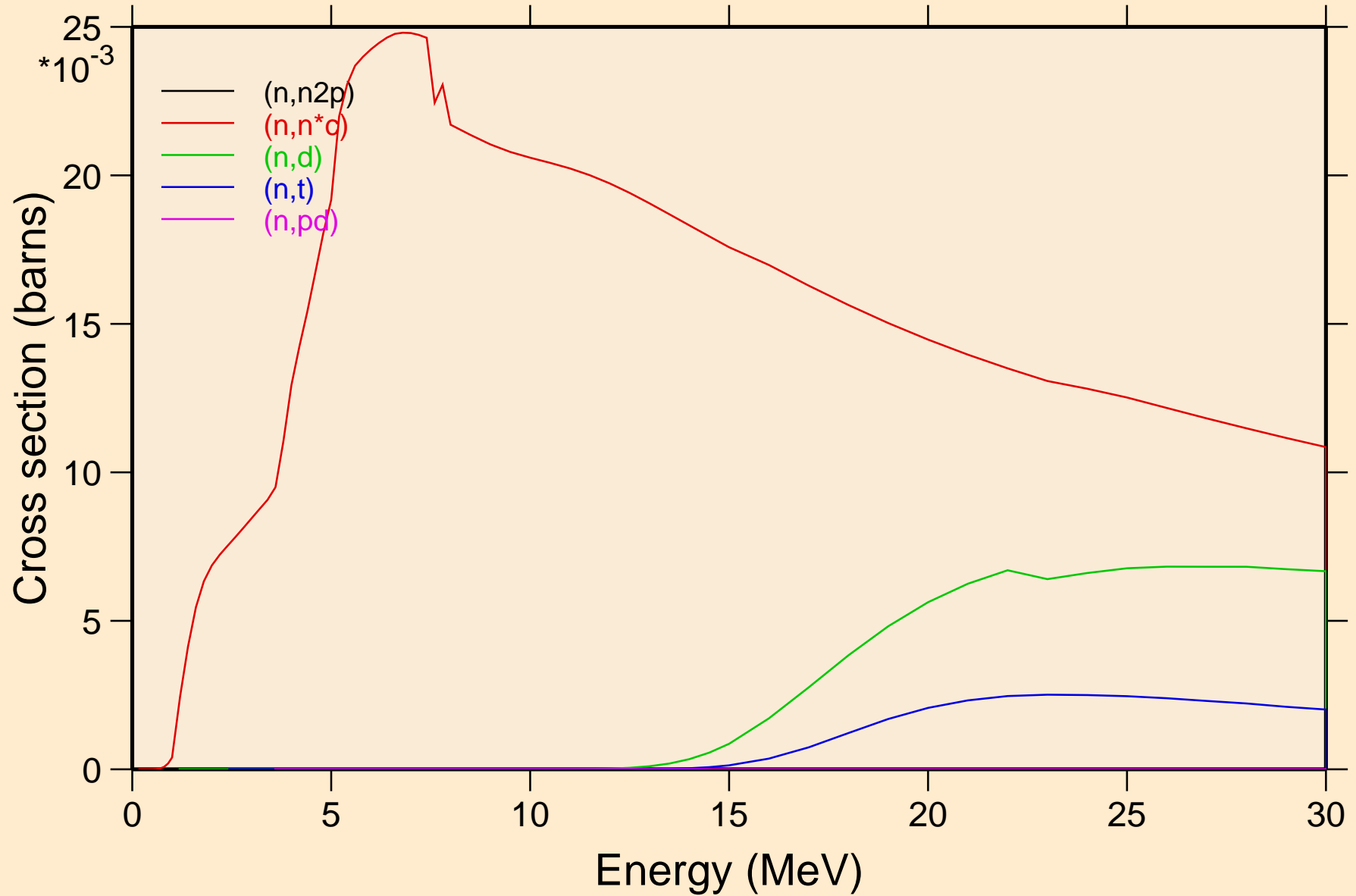
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## Threshold reactions

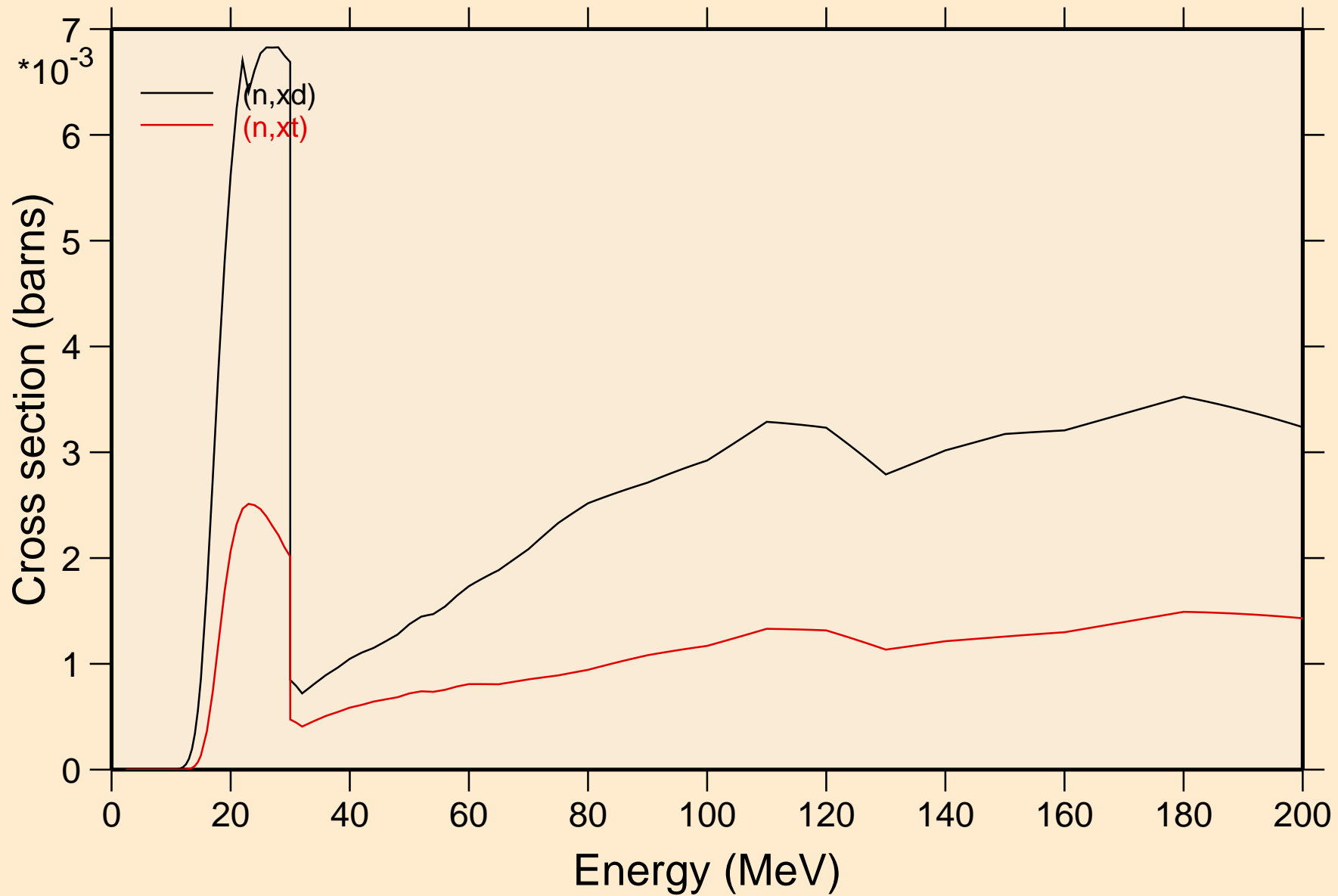


# NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

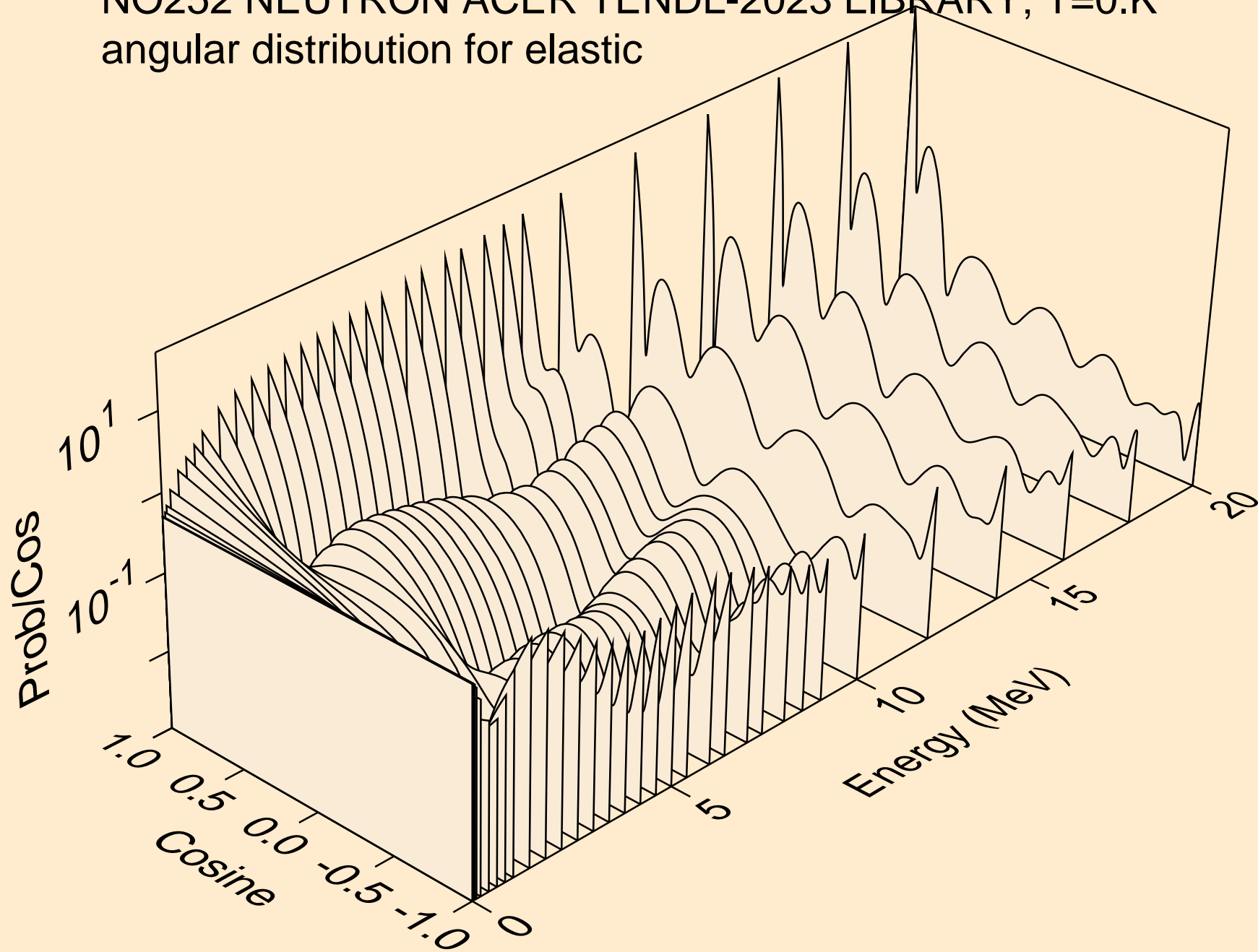


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Threshold reactions

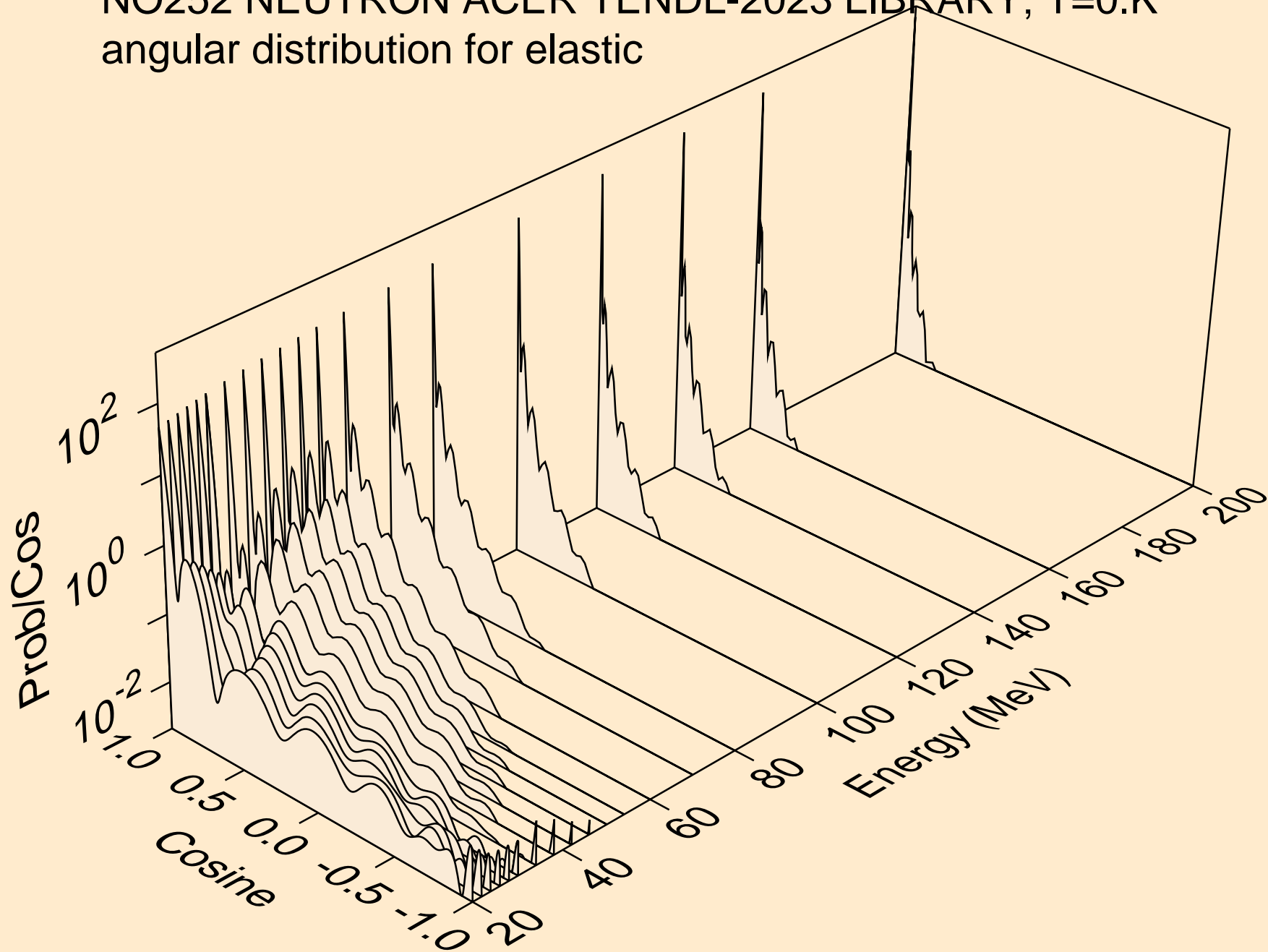




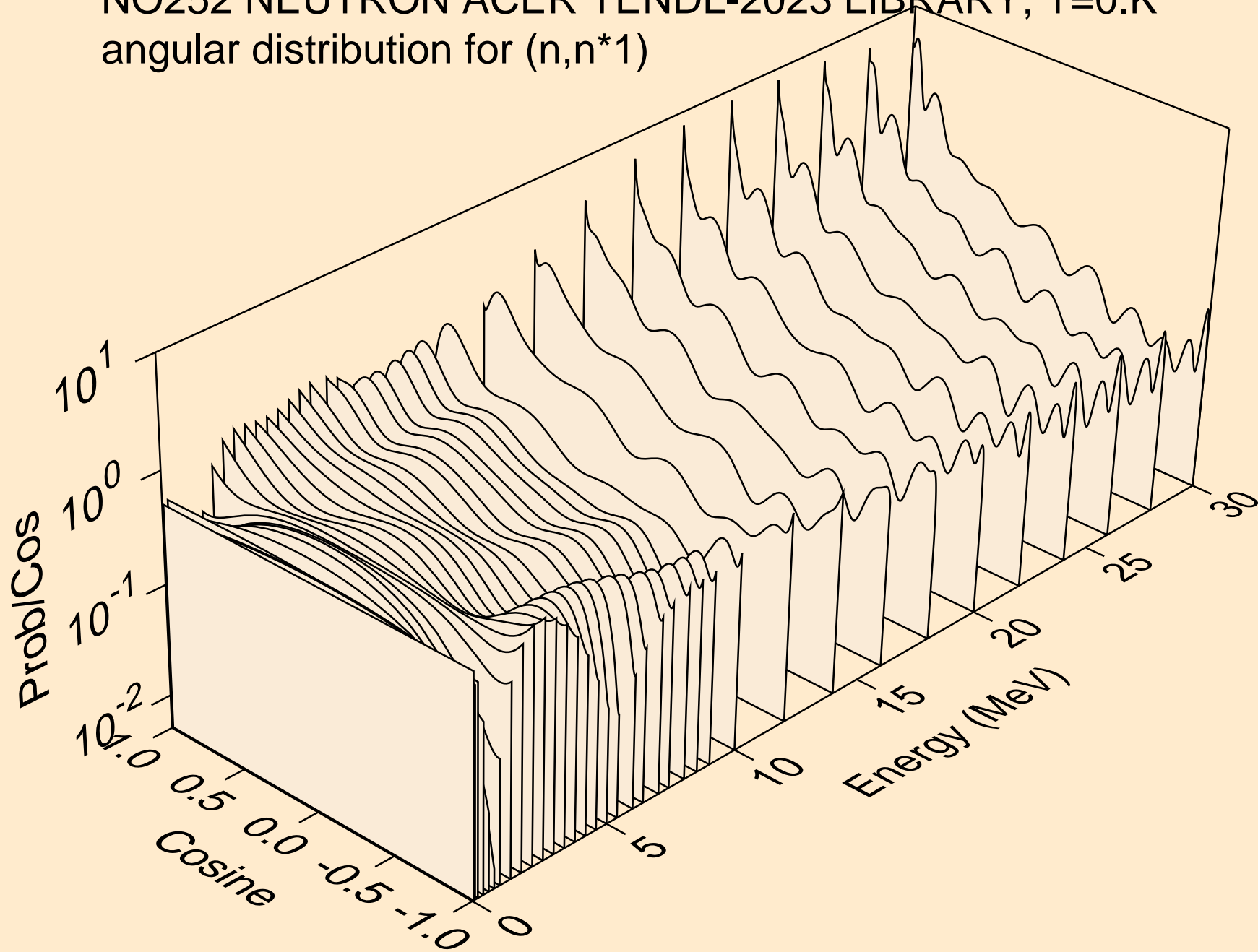
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angular distribution for elastic



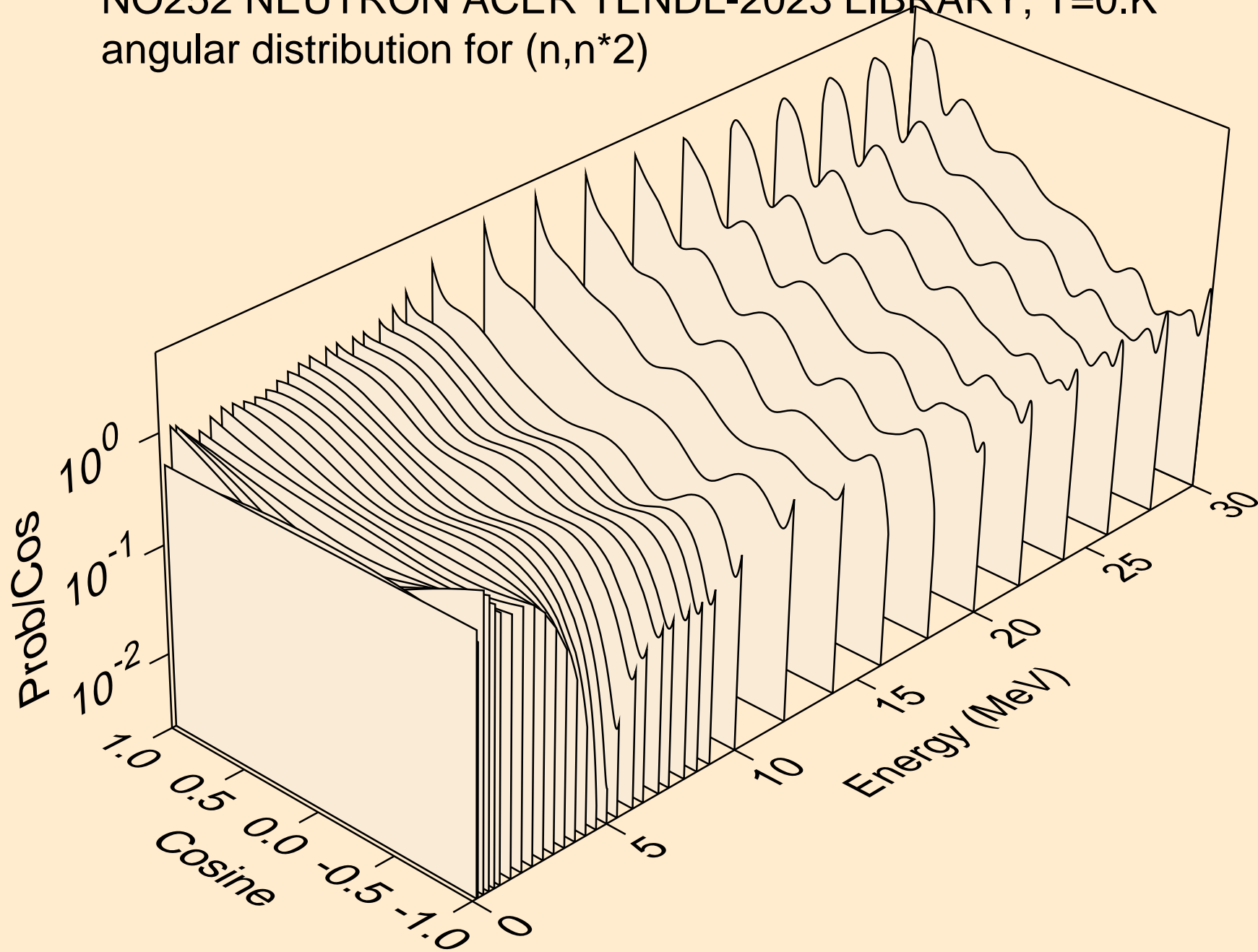
NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

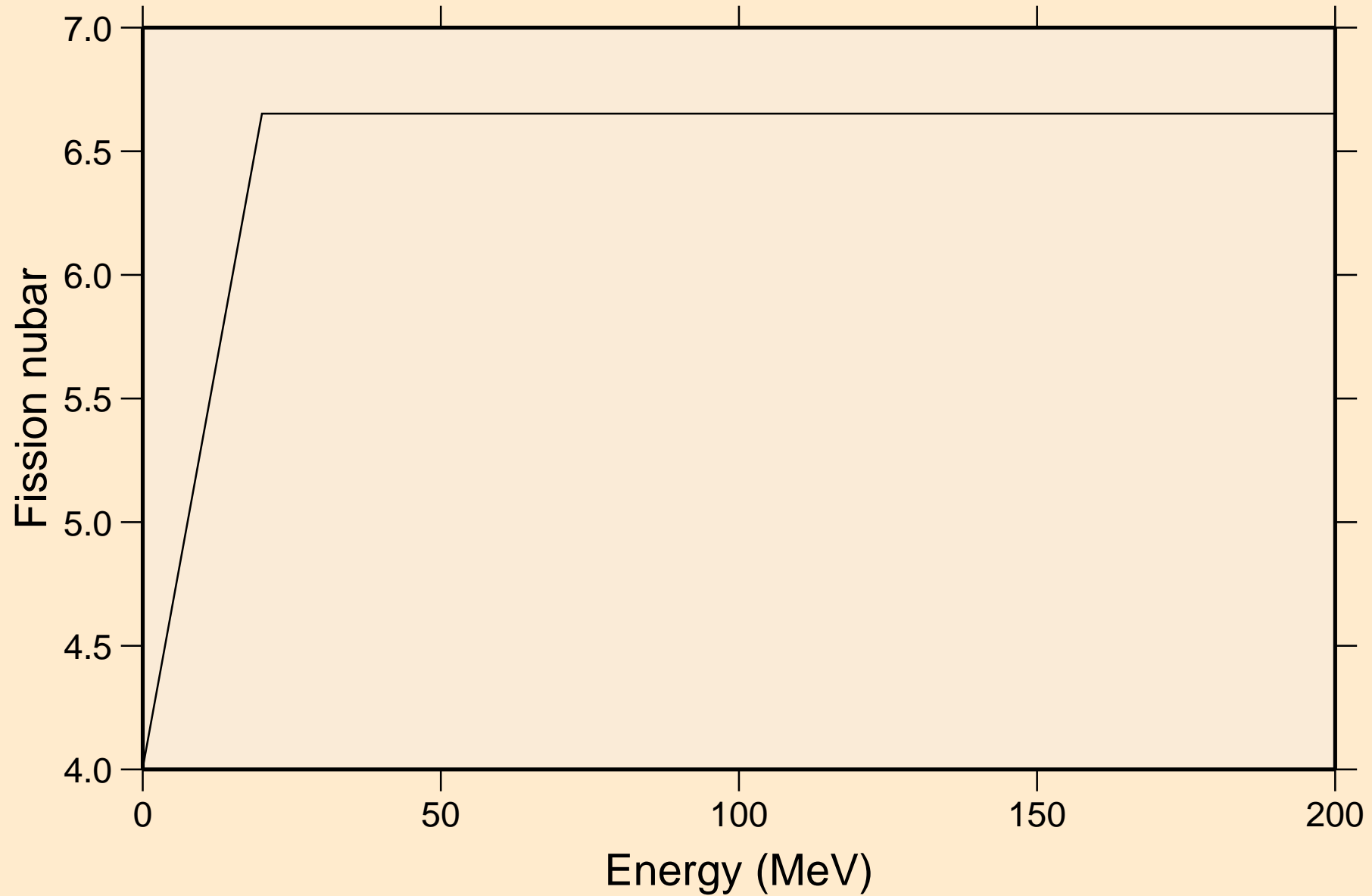


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angular distribution for (n,n\*2)

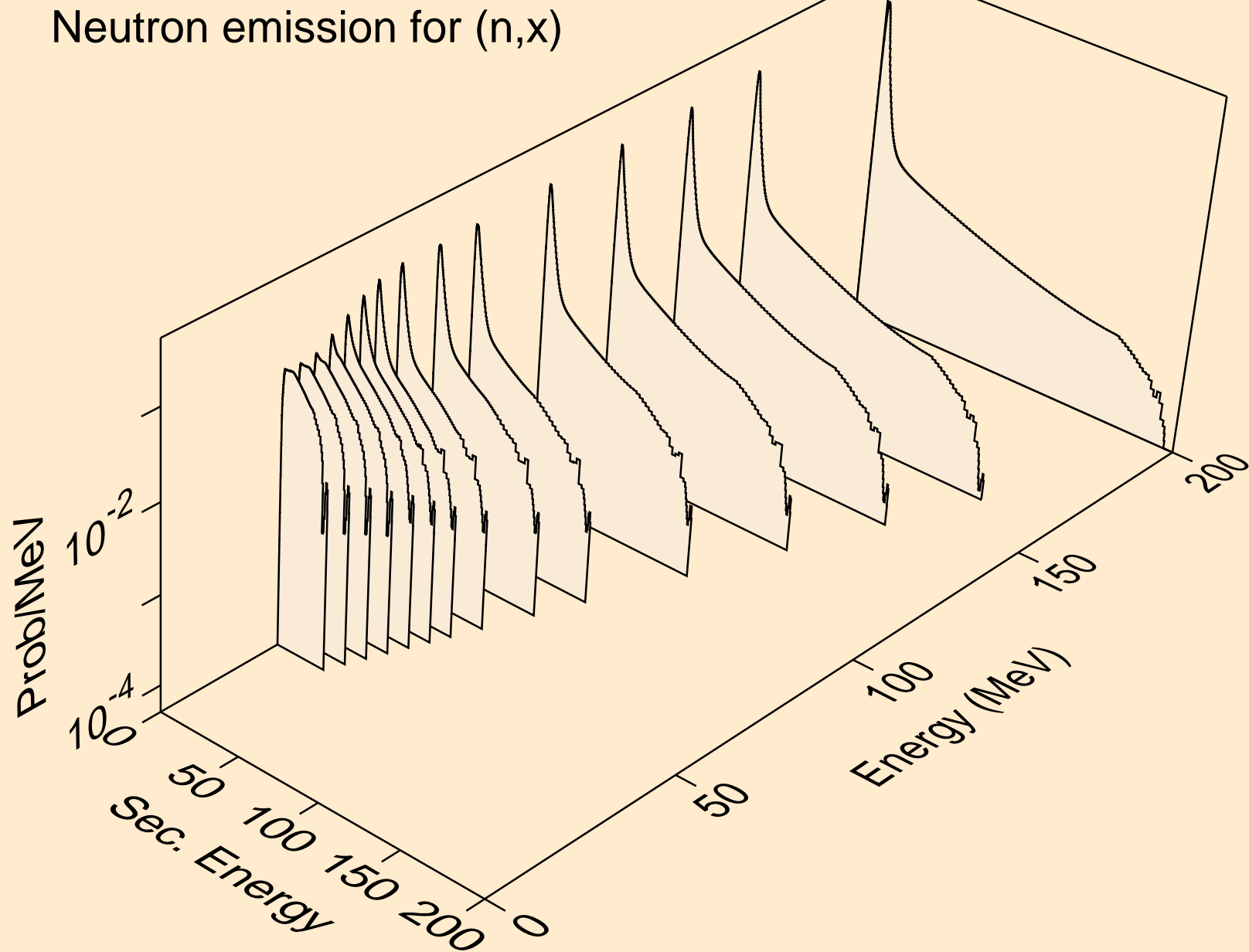


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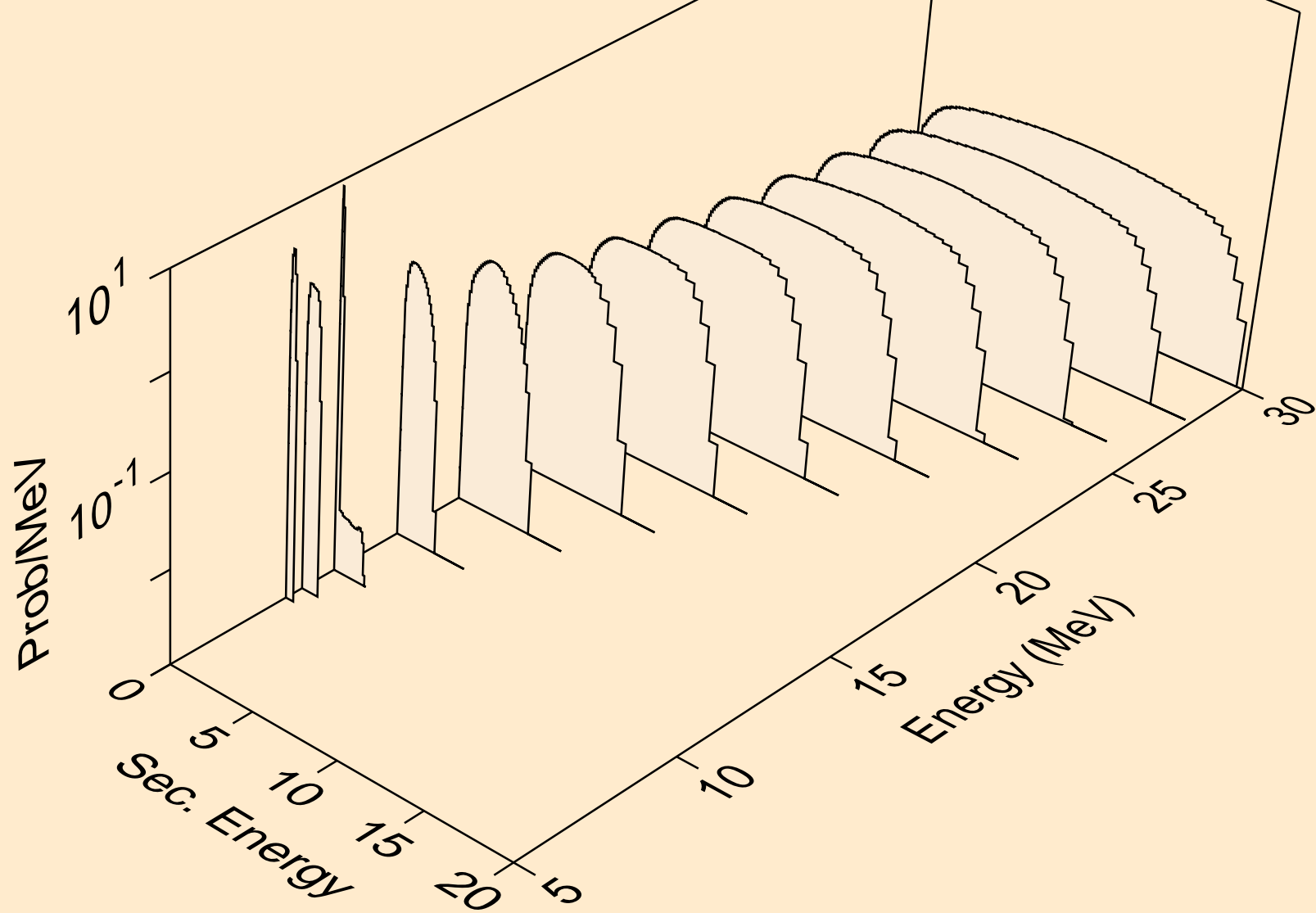
Total fission nubar



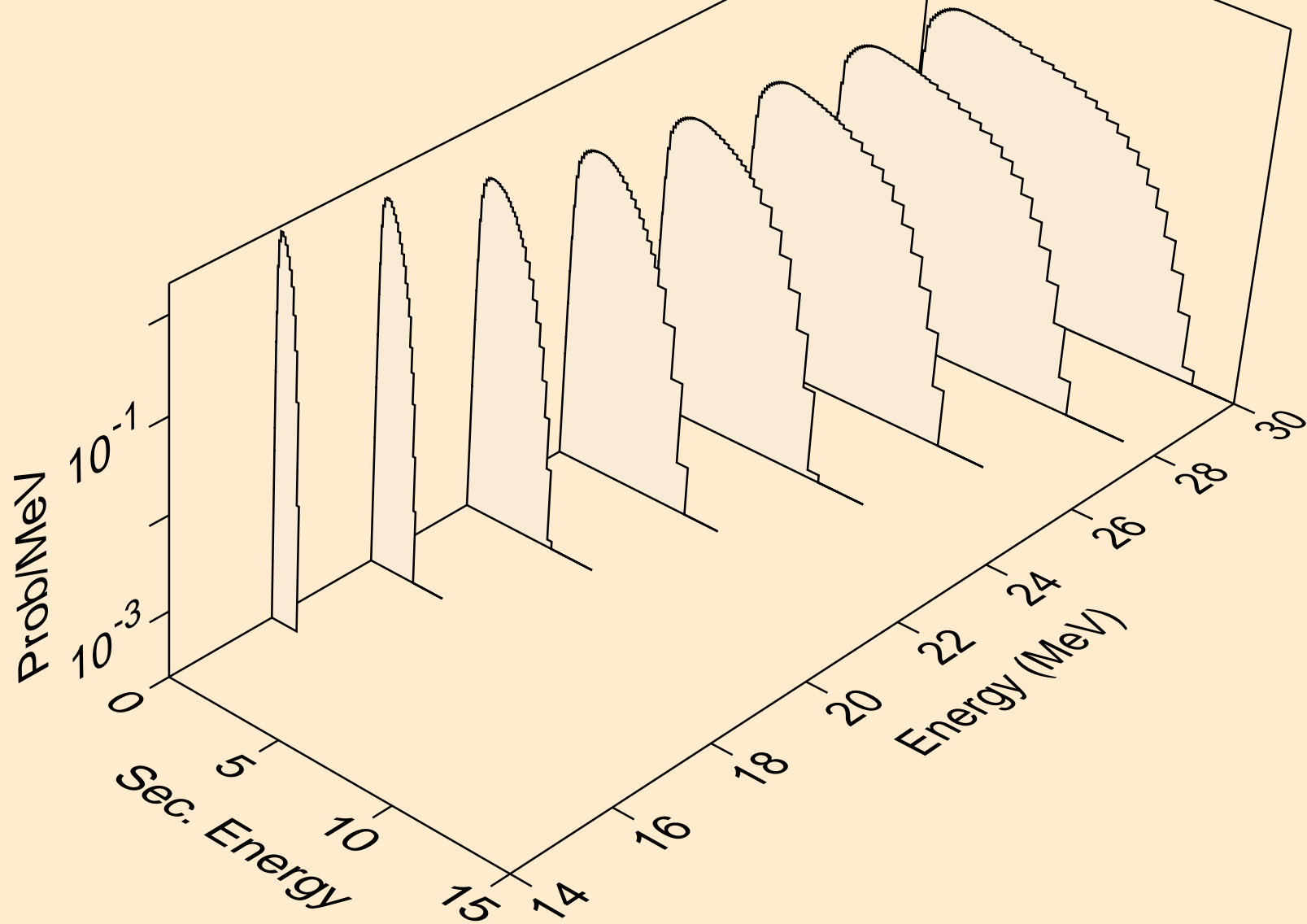
NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

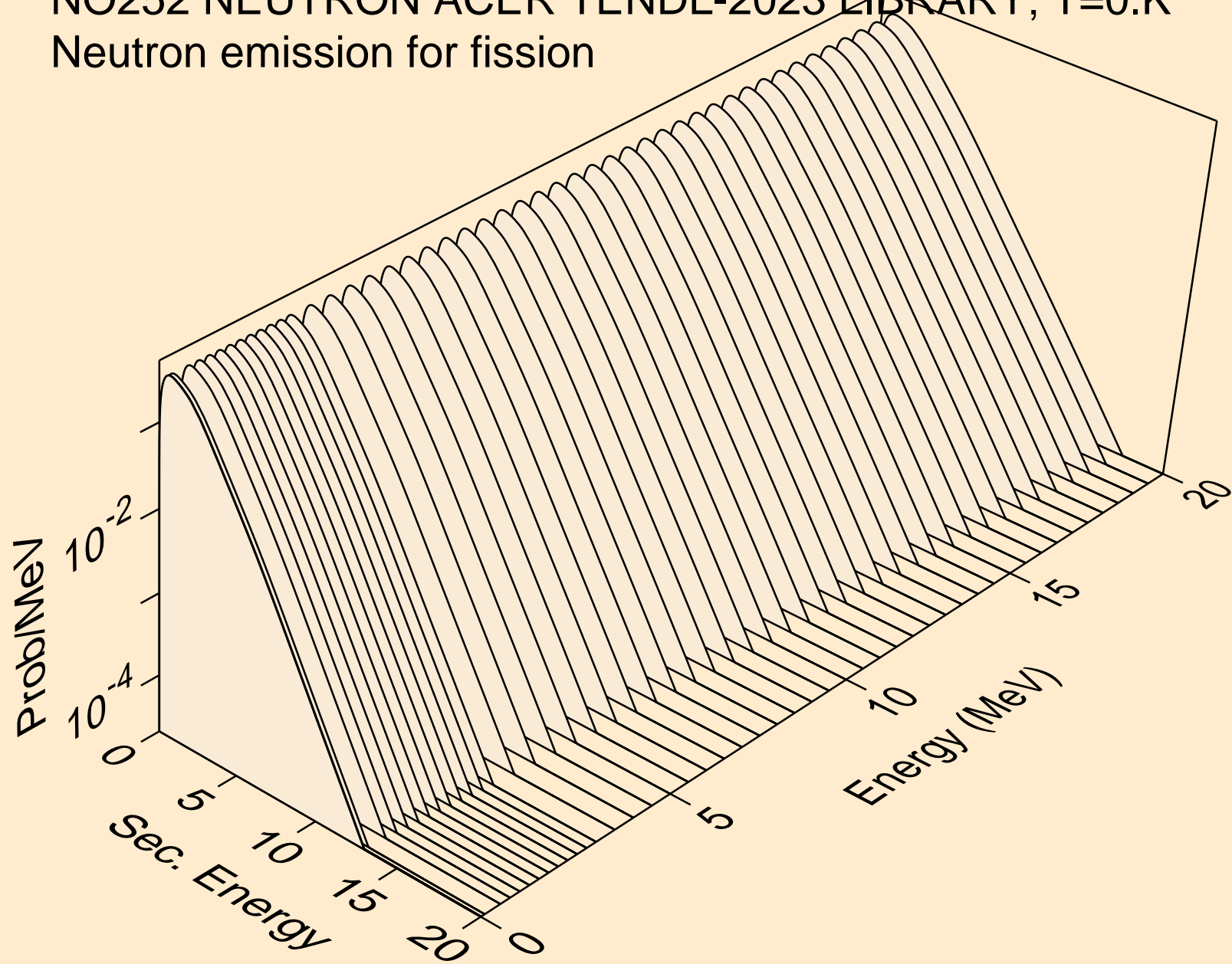


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Neutron emission for (n,3n)

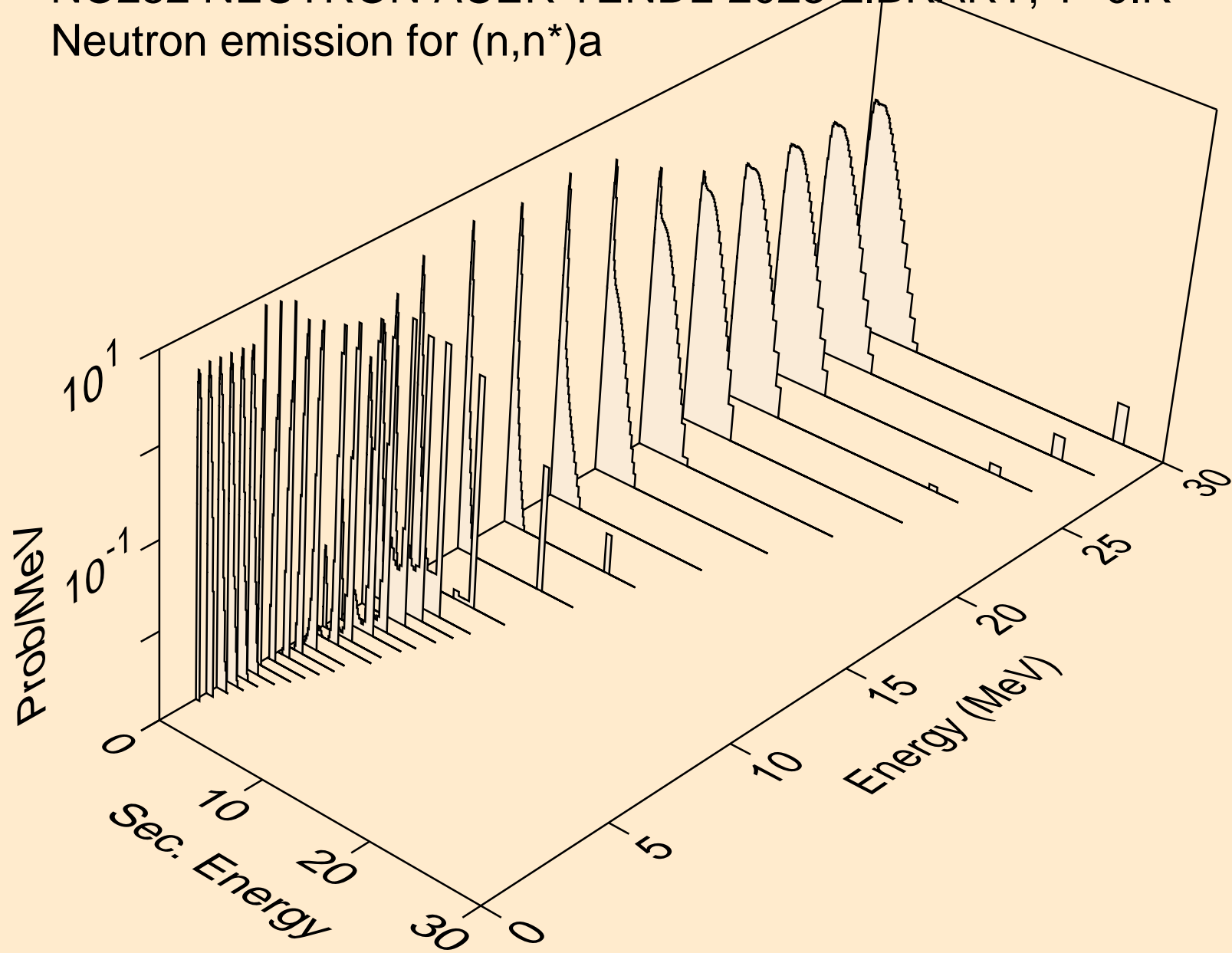




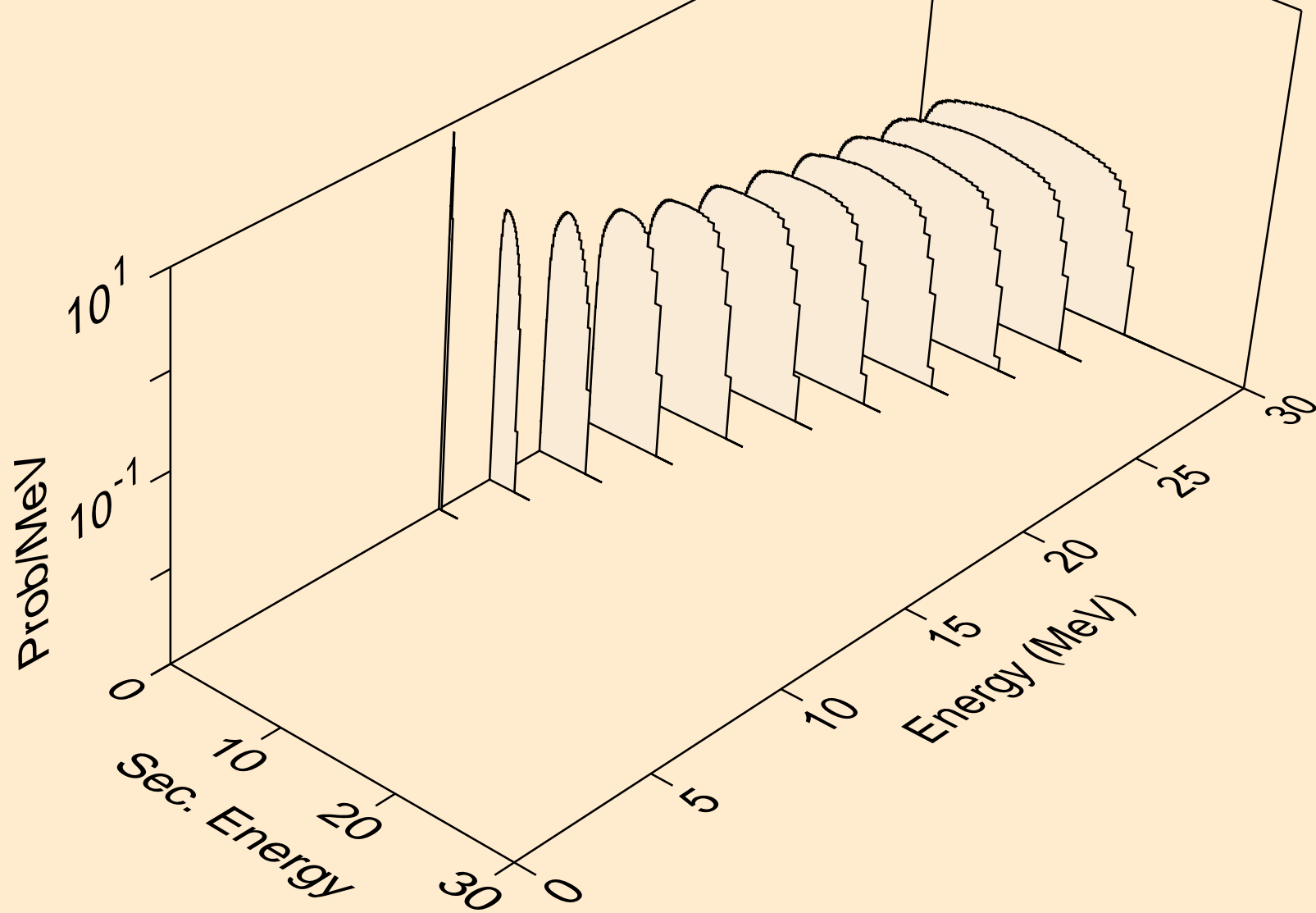
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Neutron emission for fission



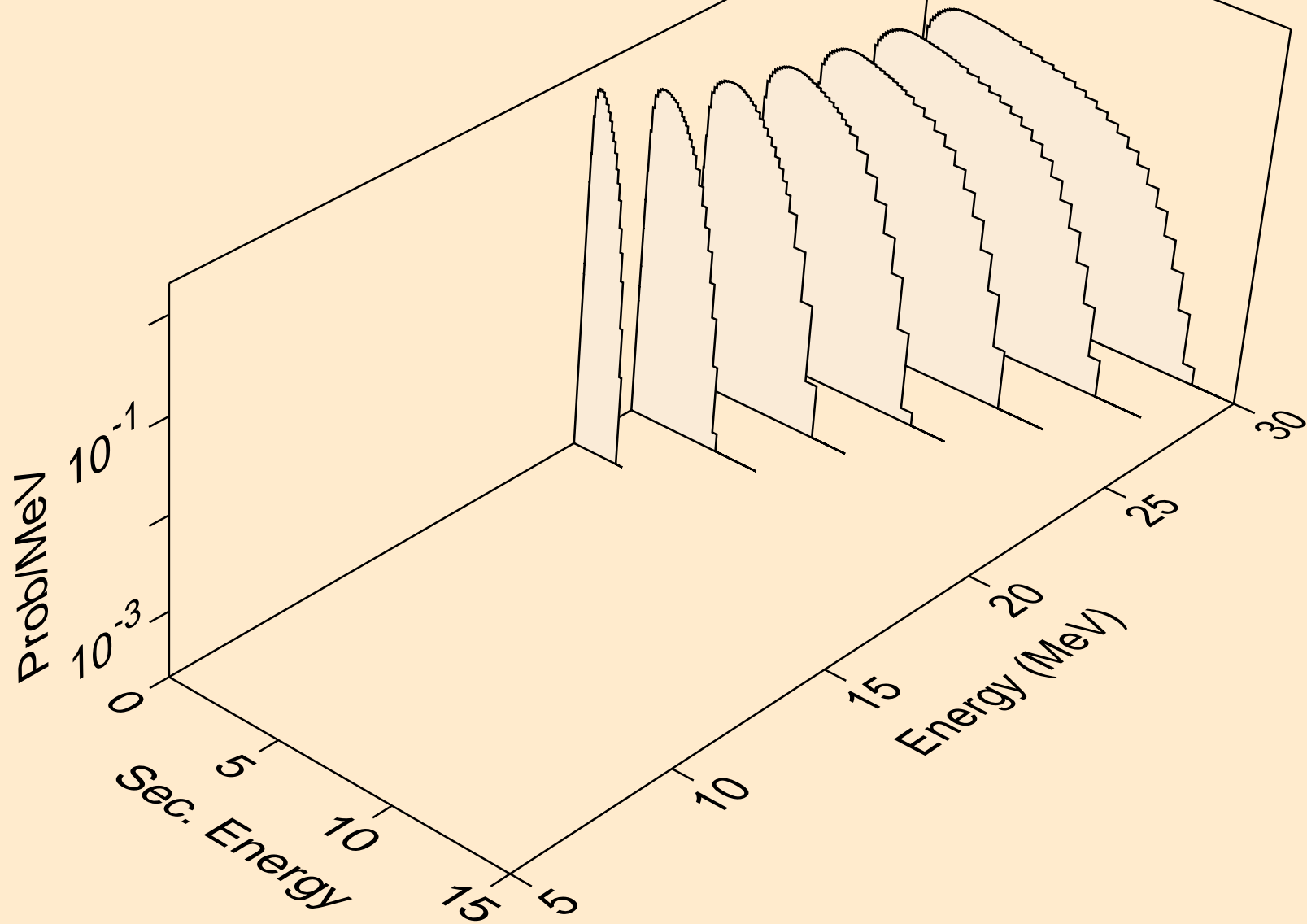
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Neutron emission for (n,n\*)a



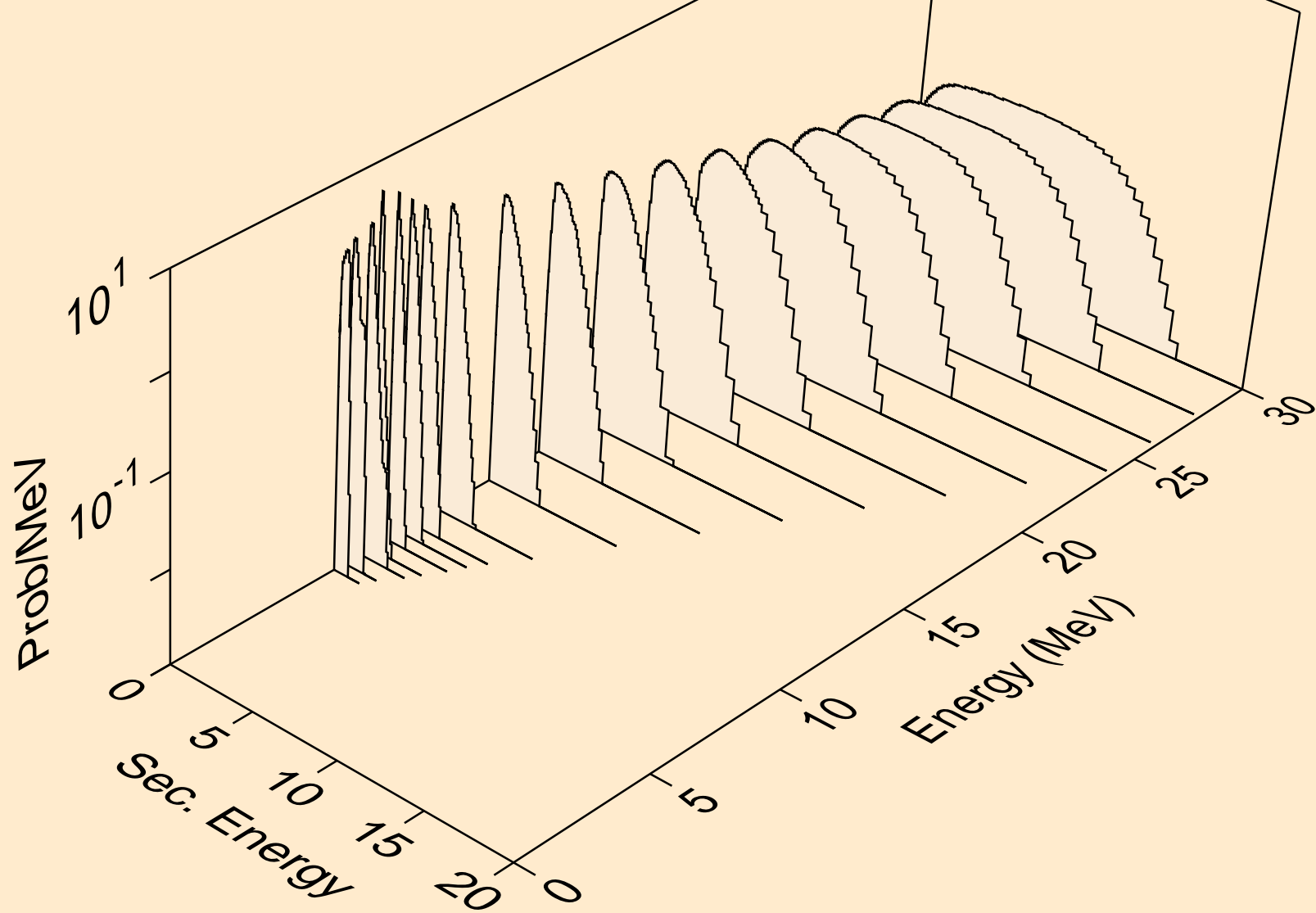
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Neutron emission for (n,2n)a



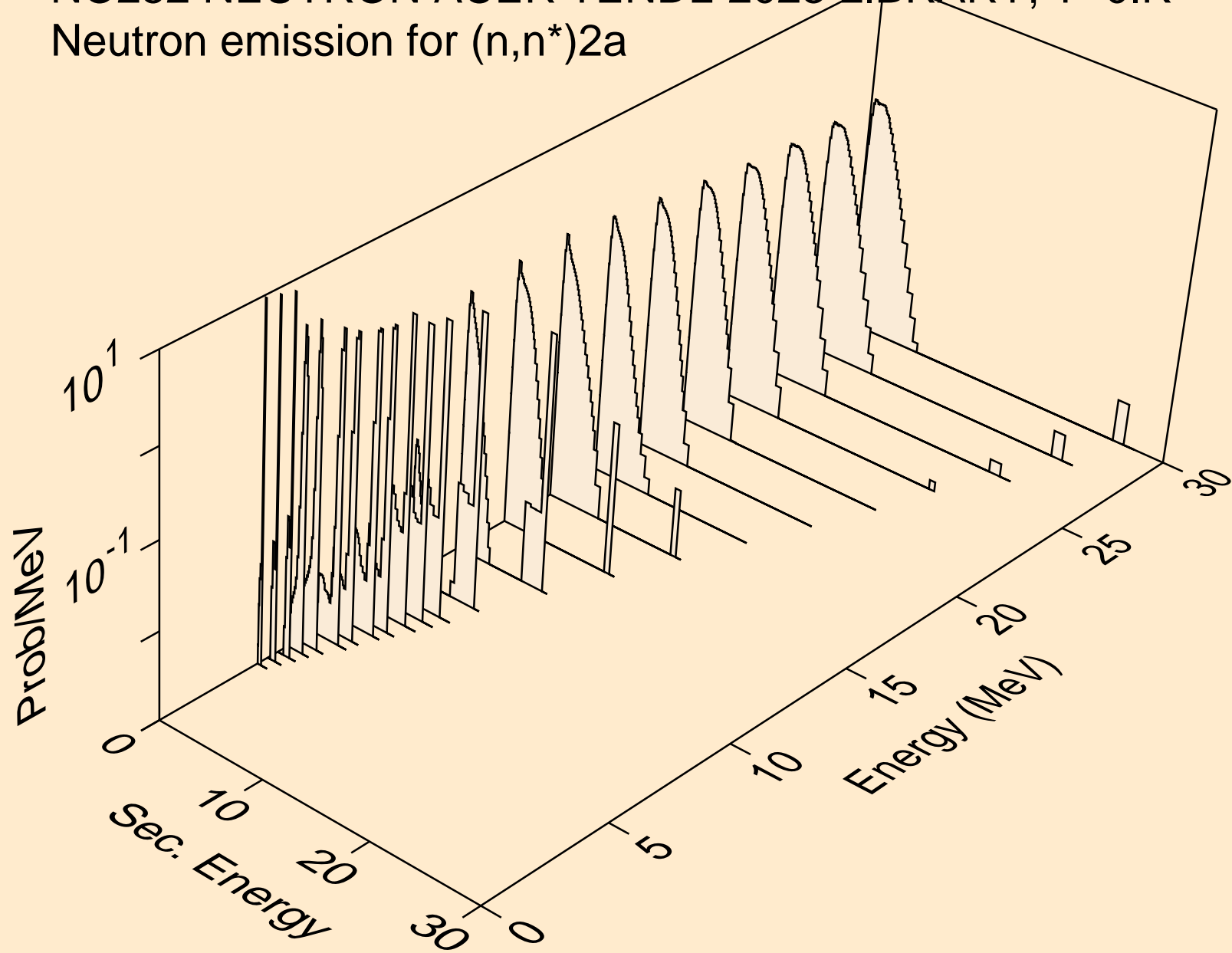
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Neutron emission for (n,3n)a



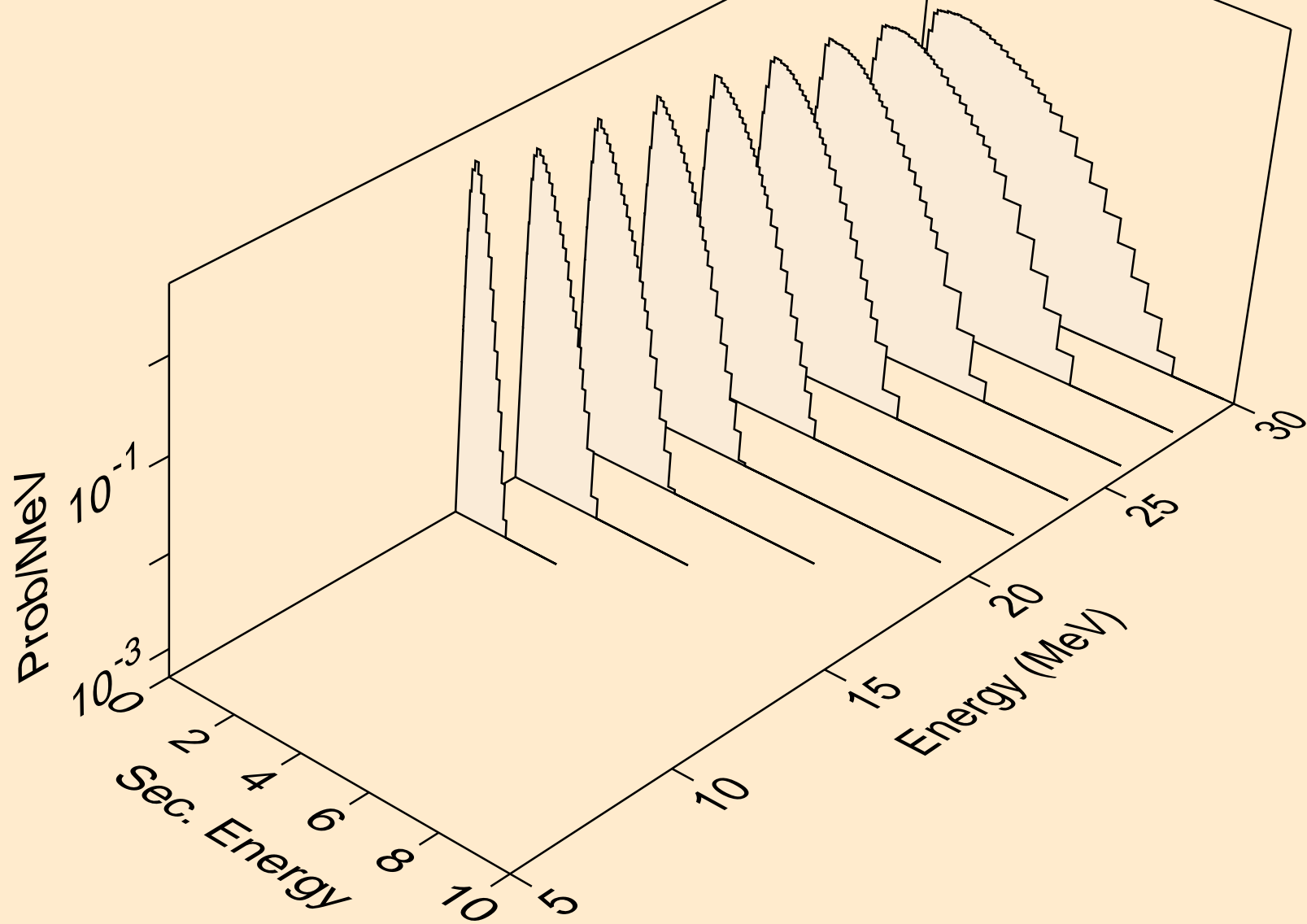
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Neutron emission for (n,n\*)p



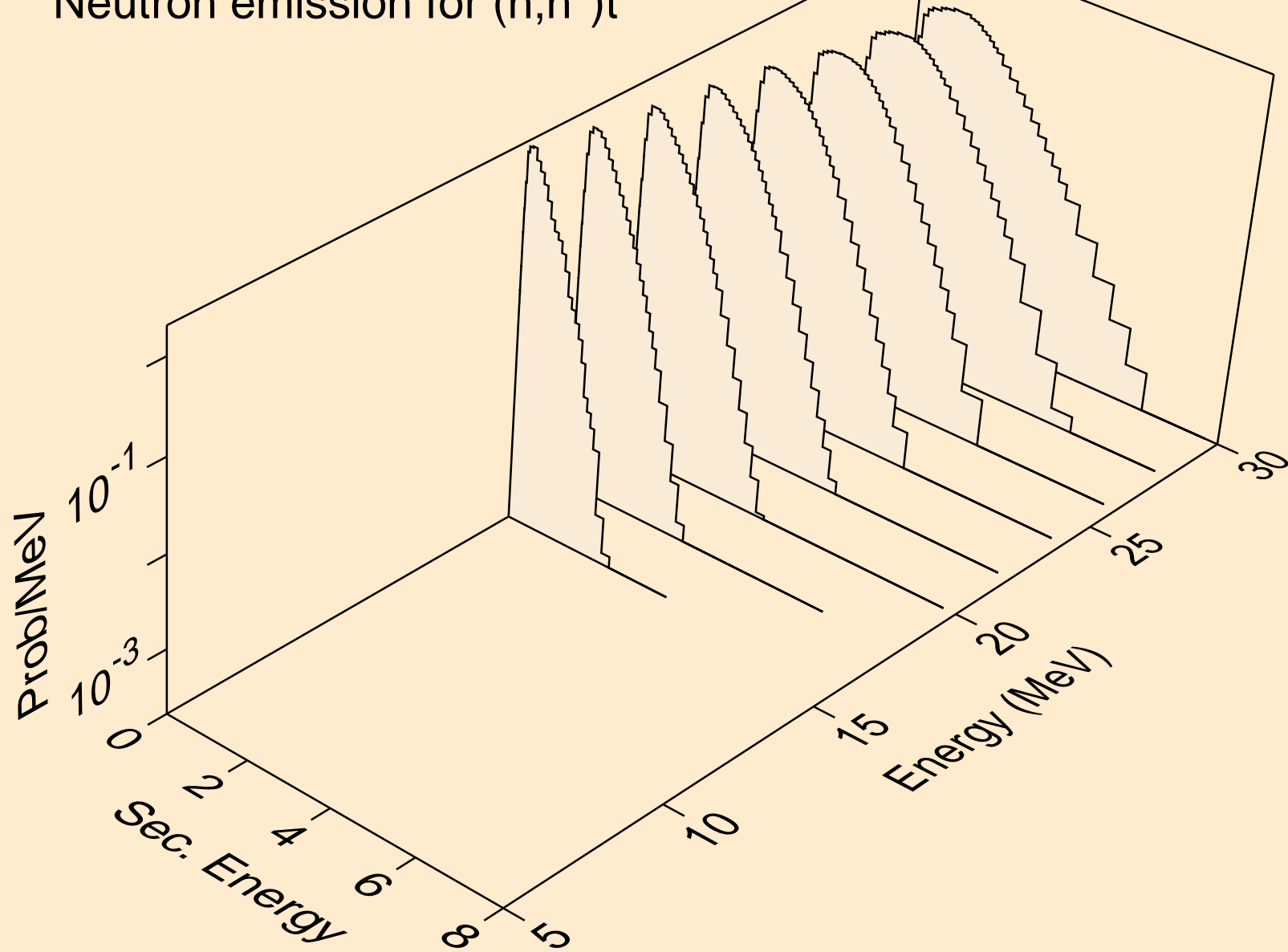
NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

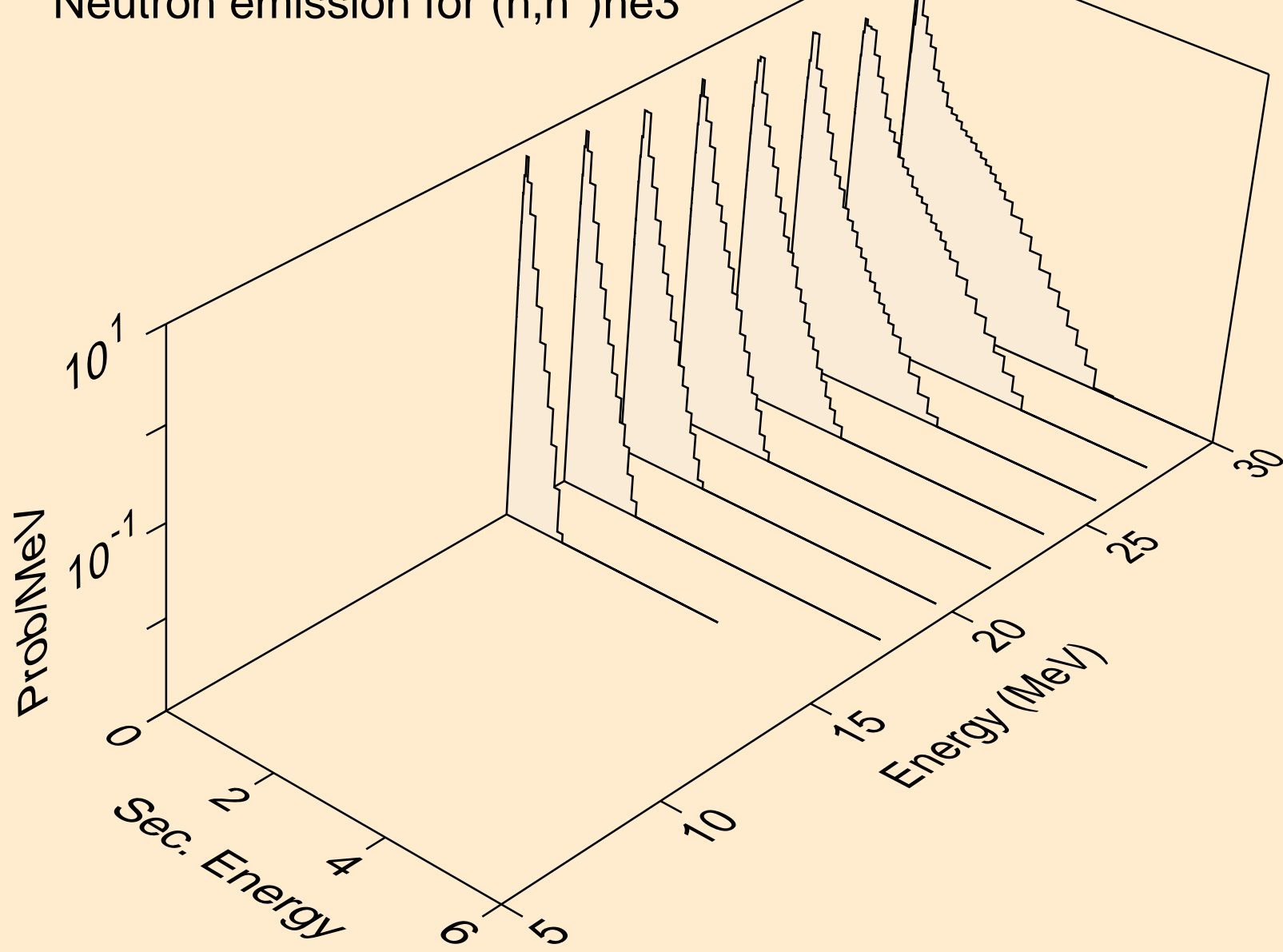


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Neutron emission for (n,n\*)t

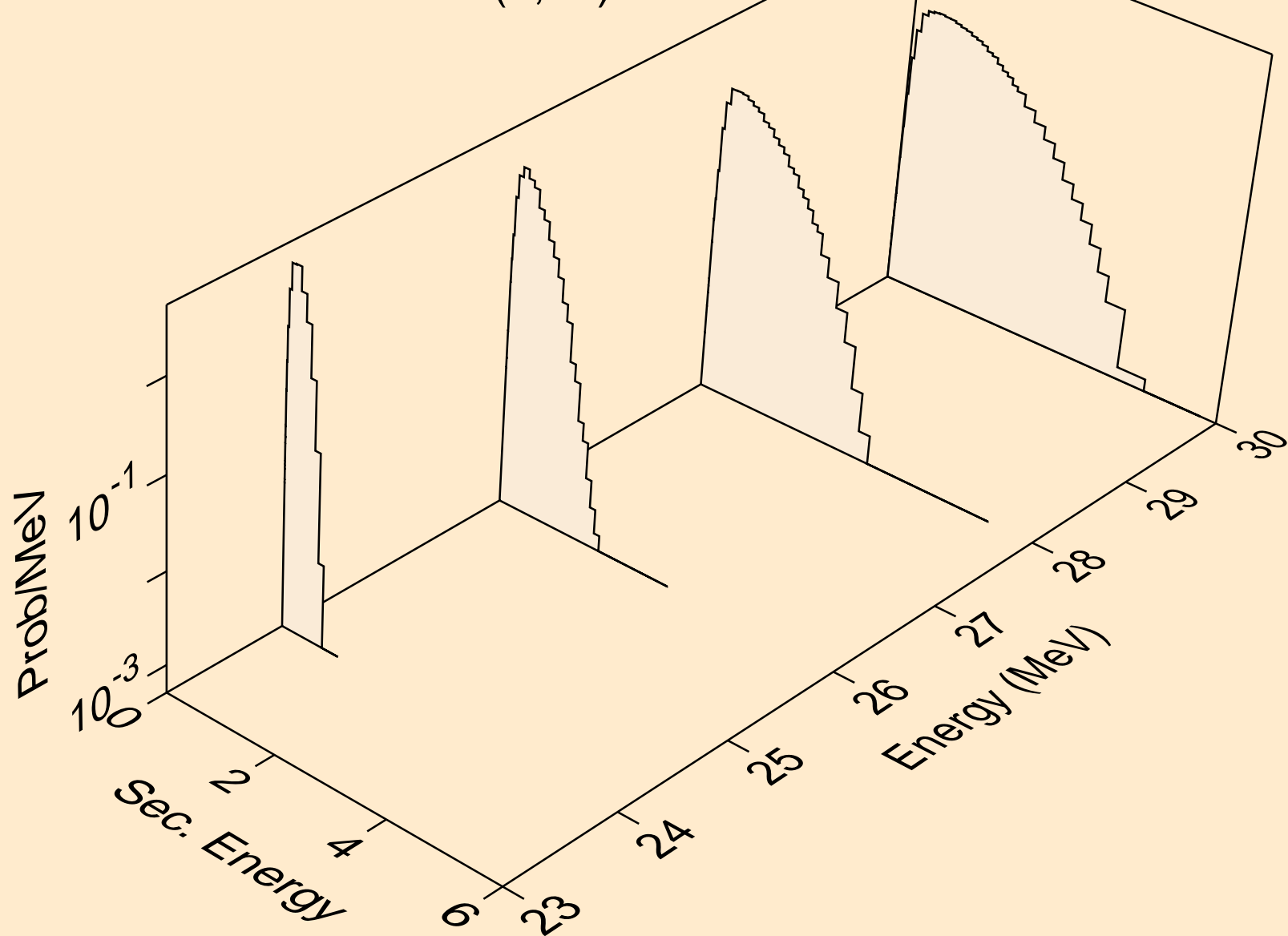




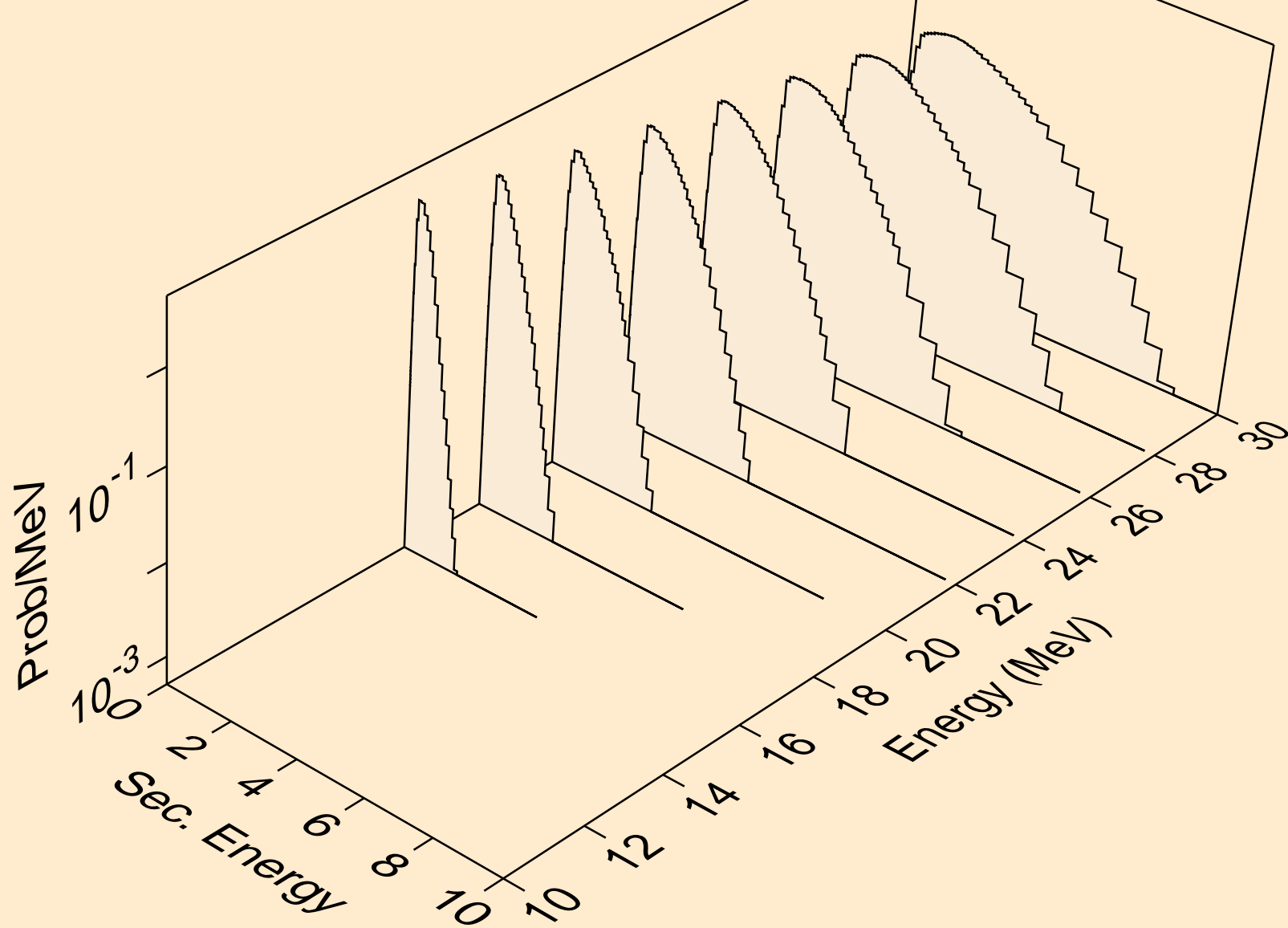
NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



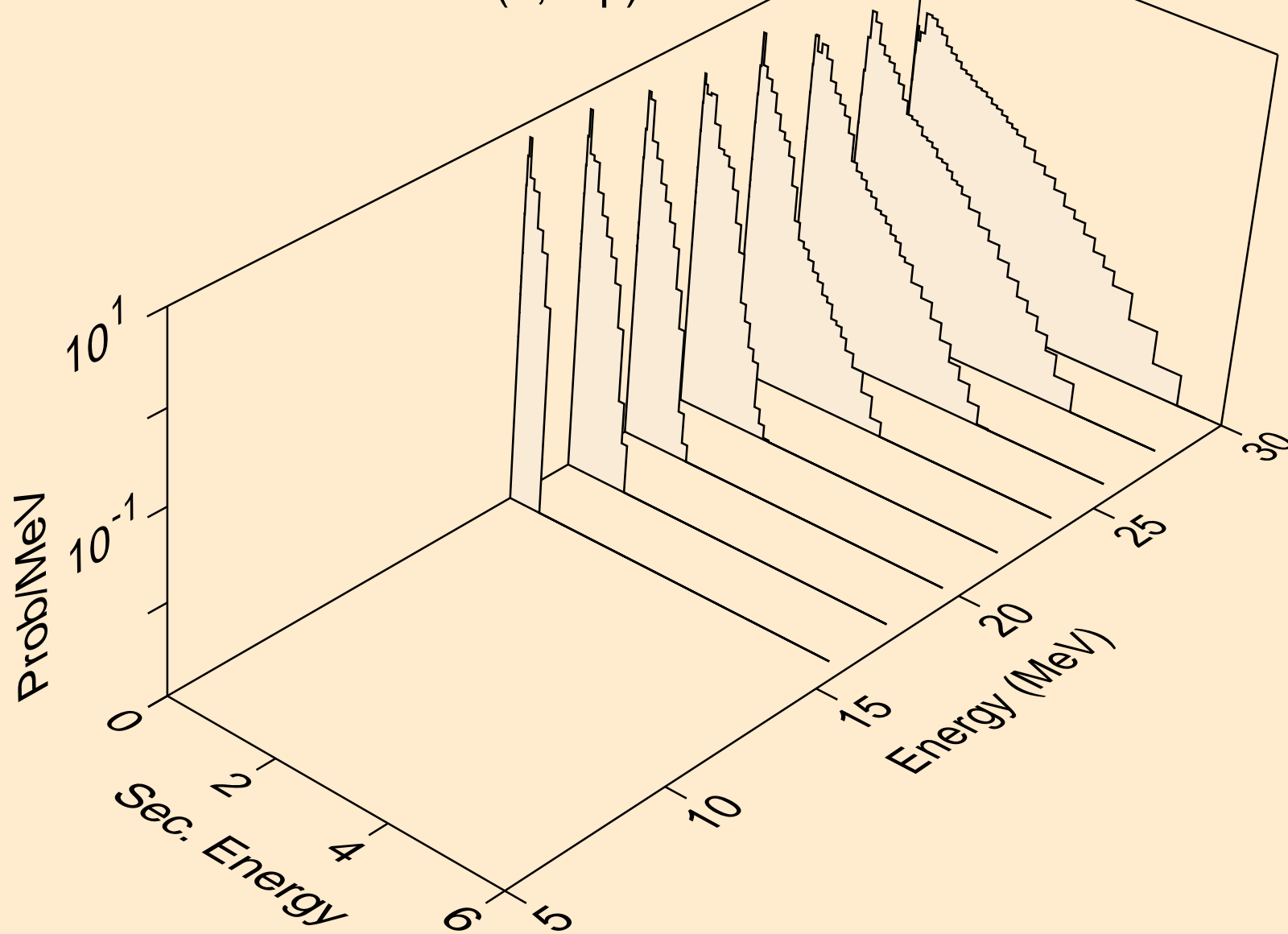
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Neutron emission for (n,4n)



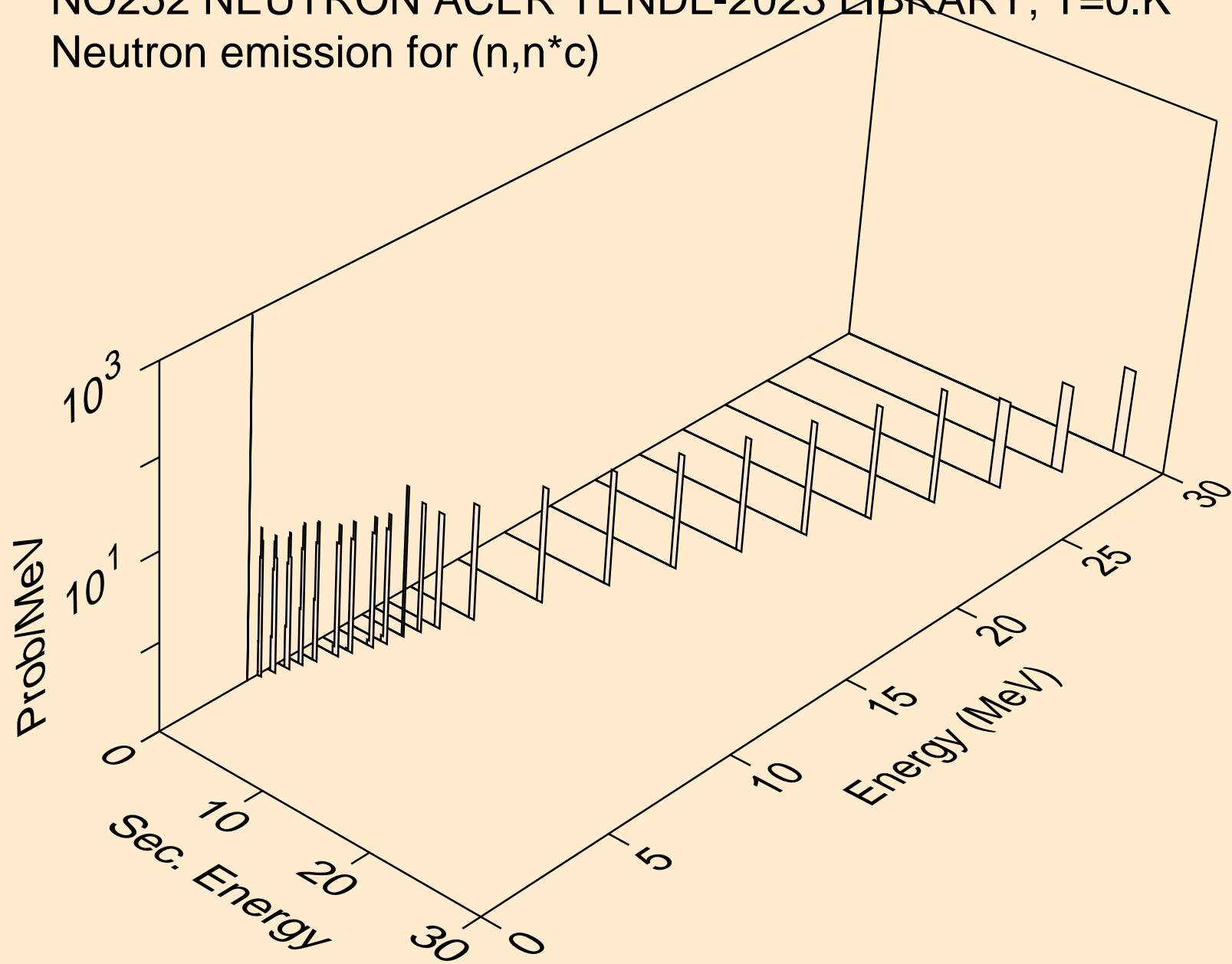
NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

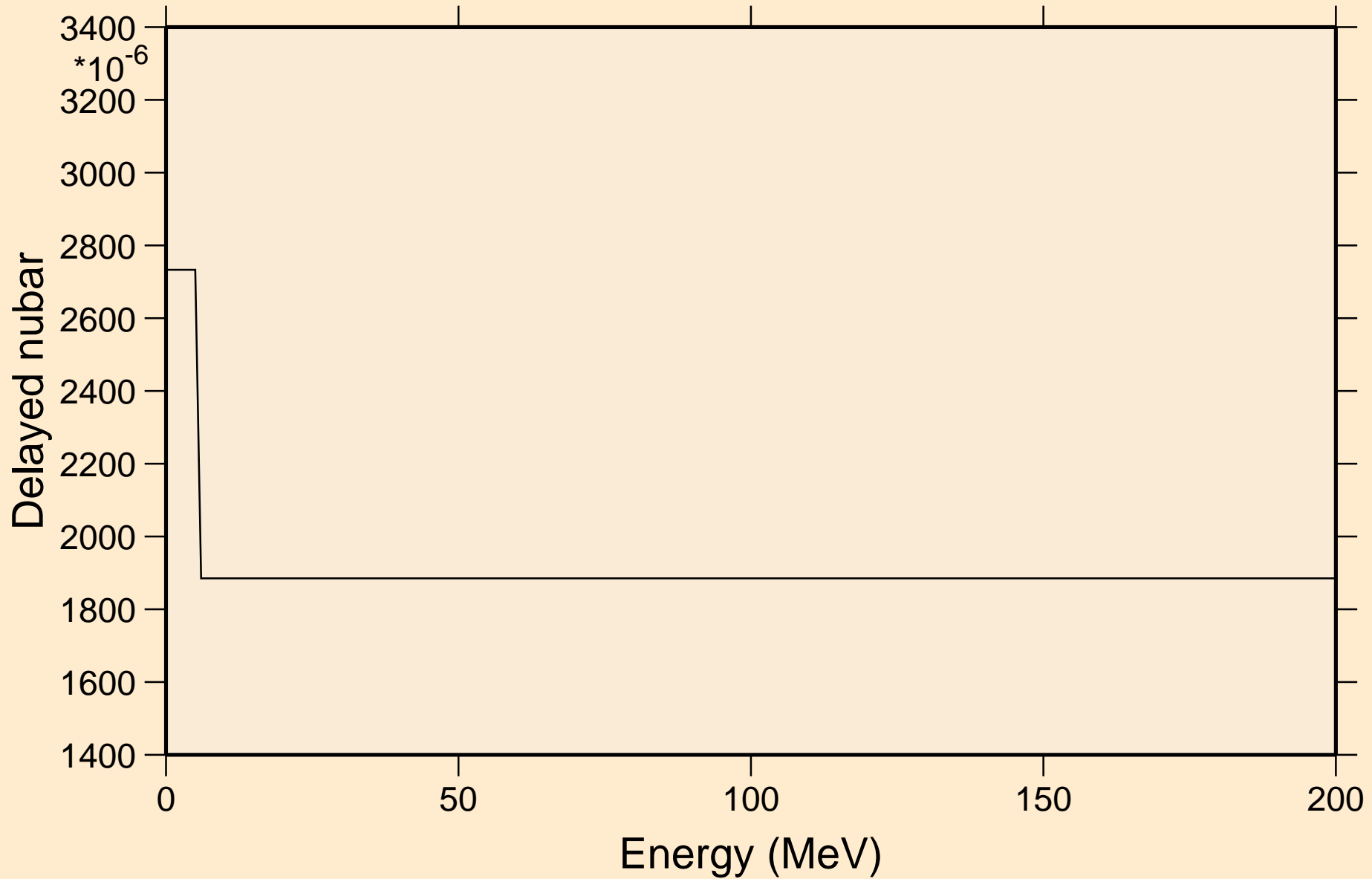


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Neutron emission for (n,n\*c)



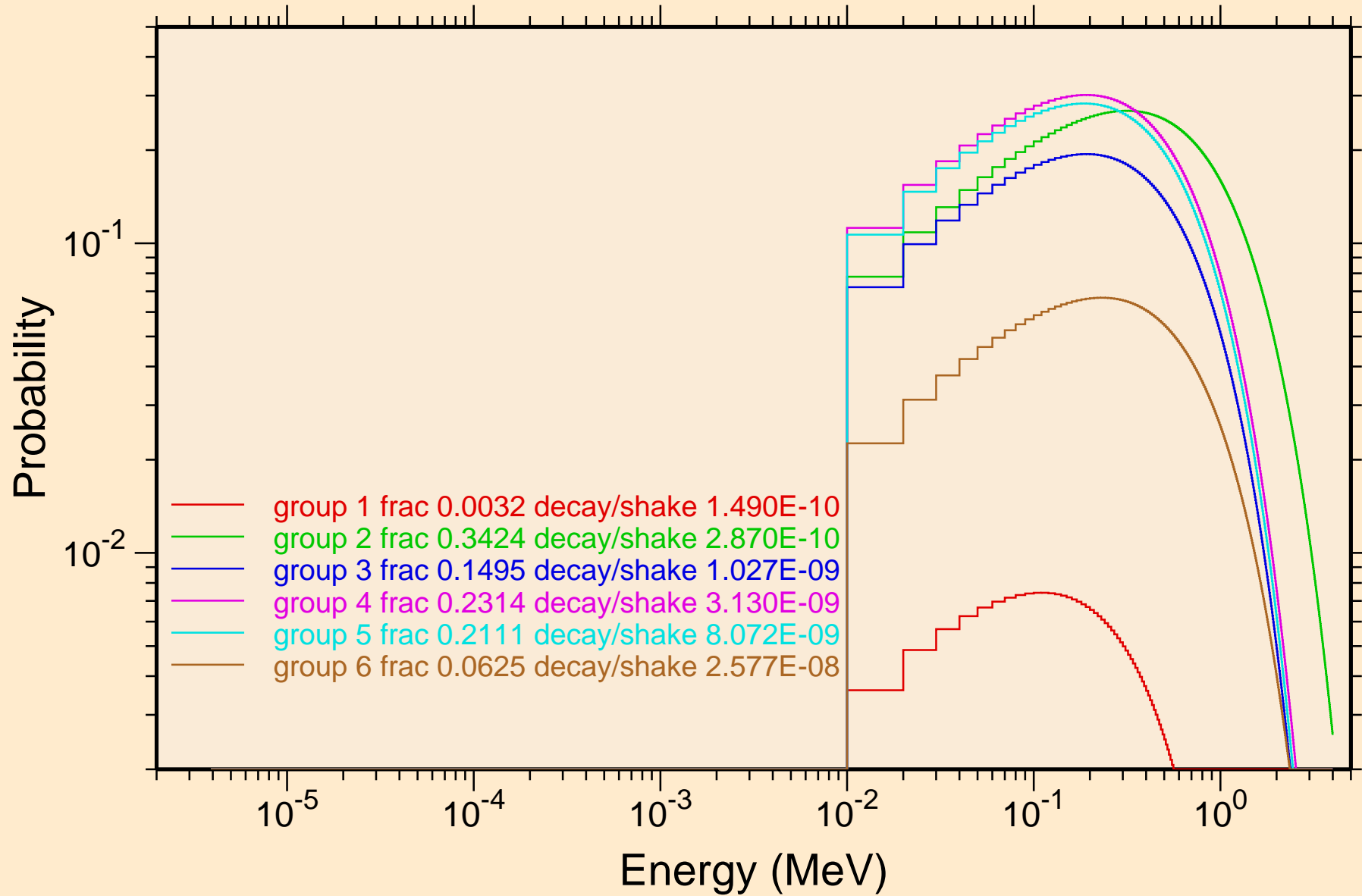
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## Delayed nubar

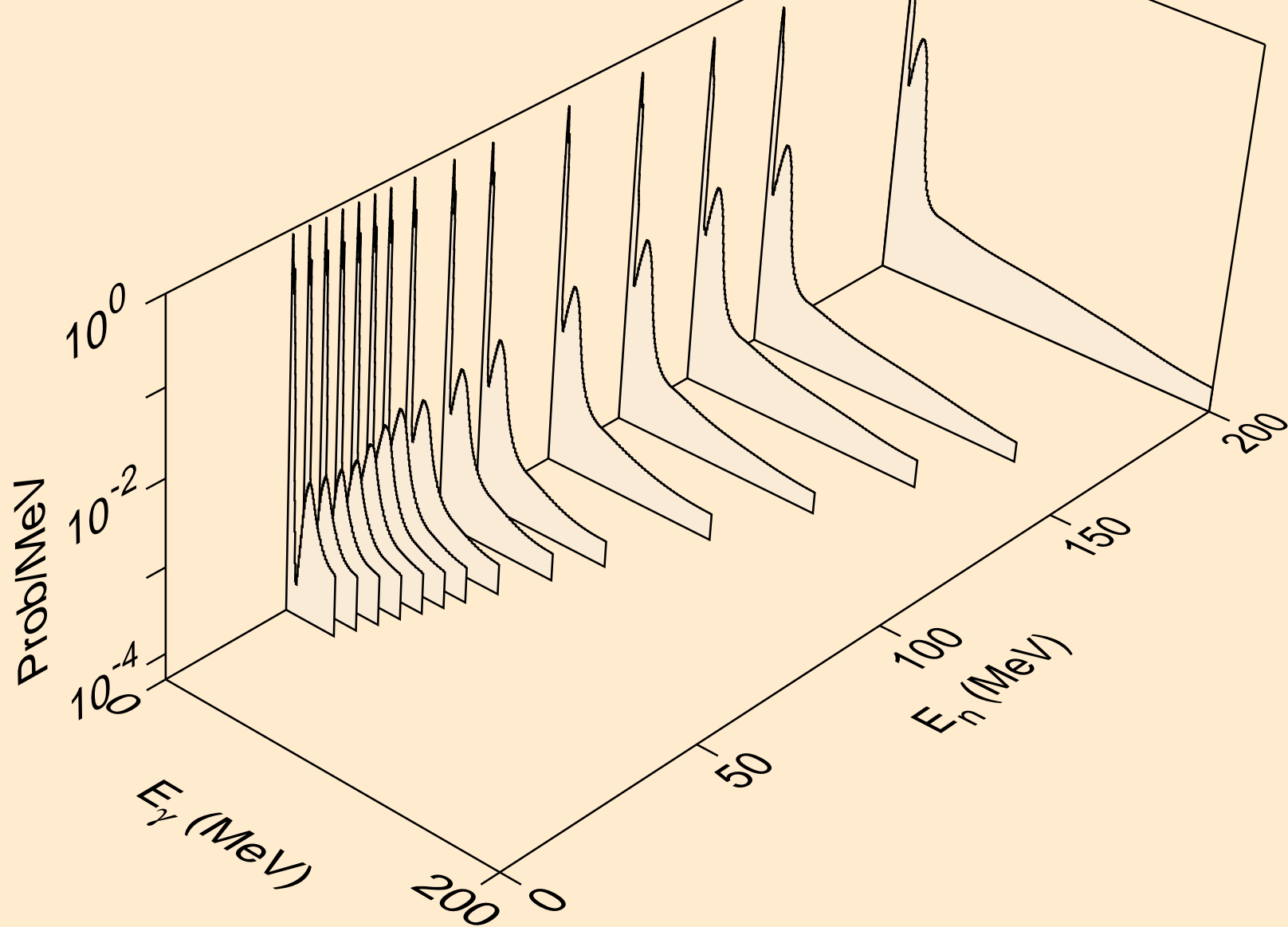


# NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Delayed neutron spectra

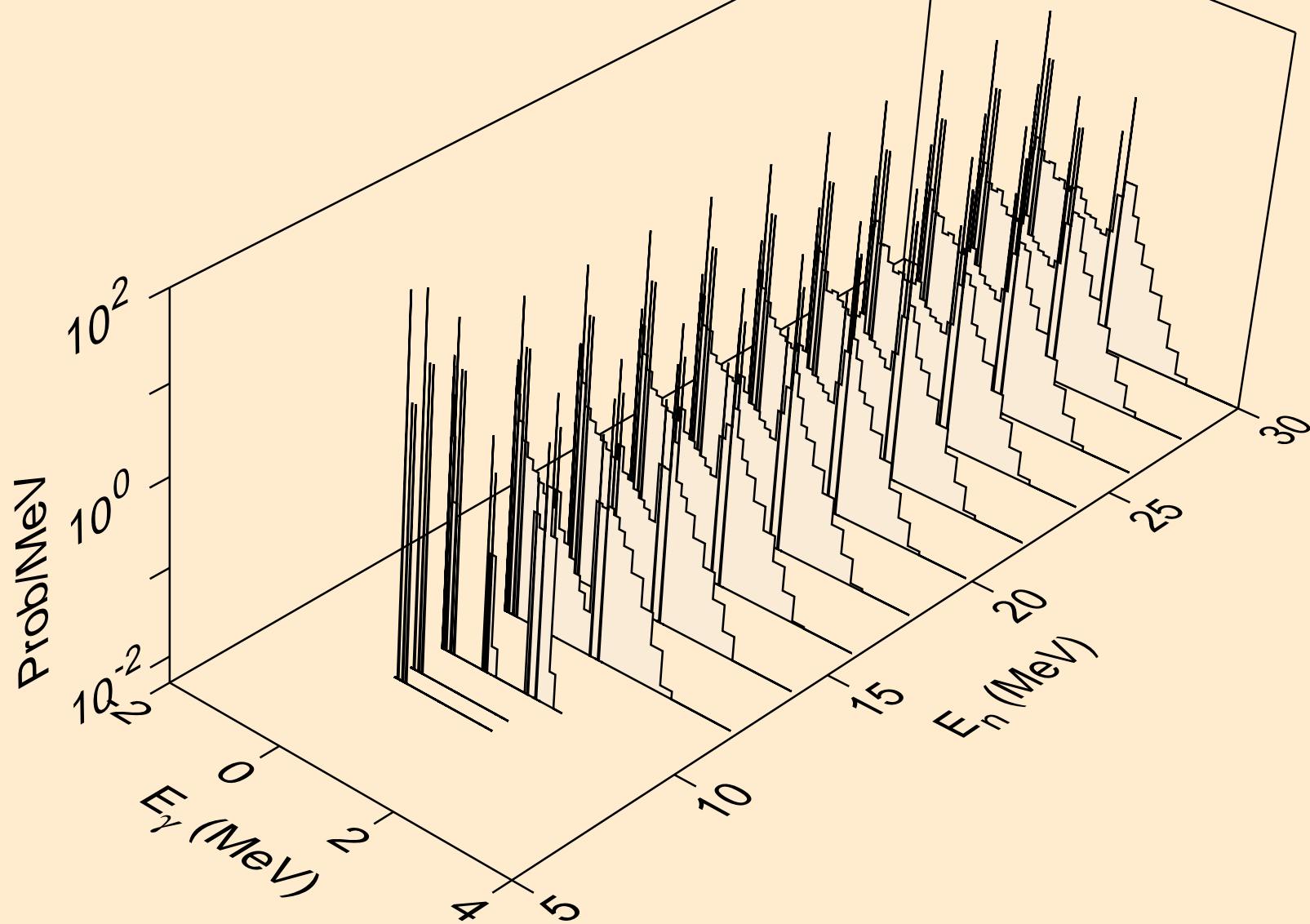


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Photon emission for (n,x)

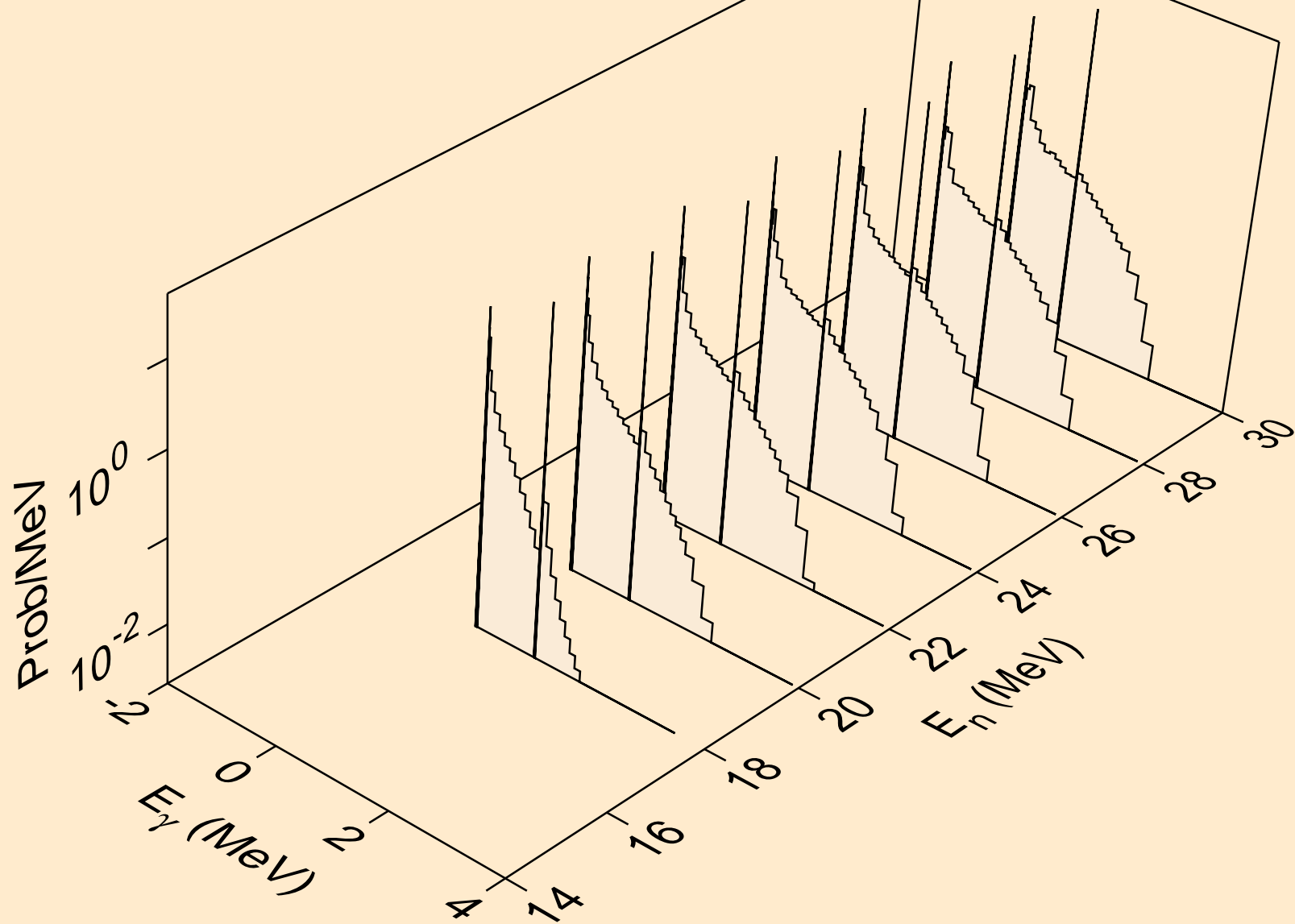




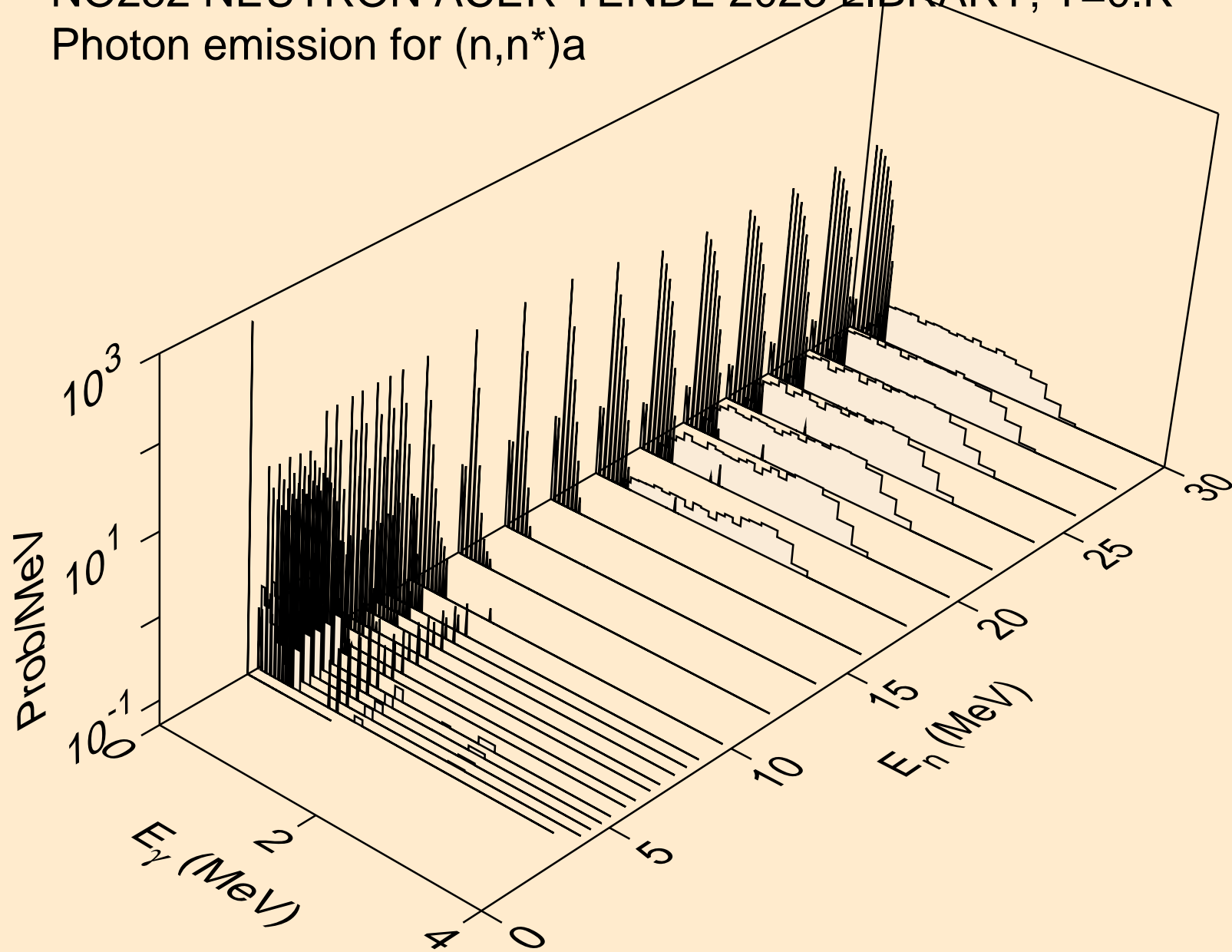
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Photon emission for (n,2n)



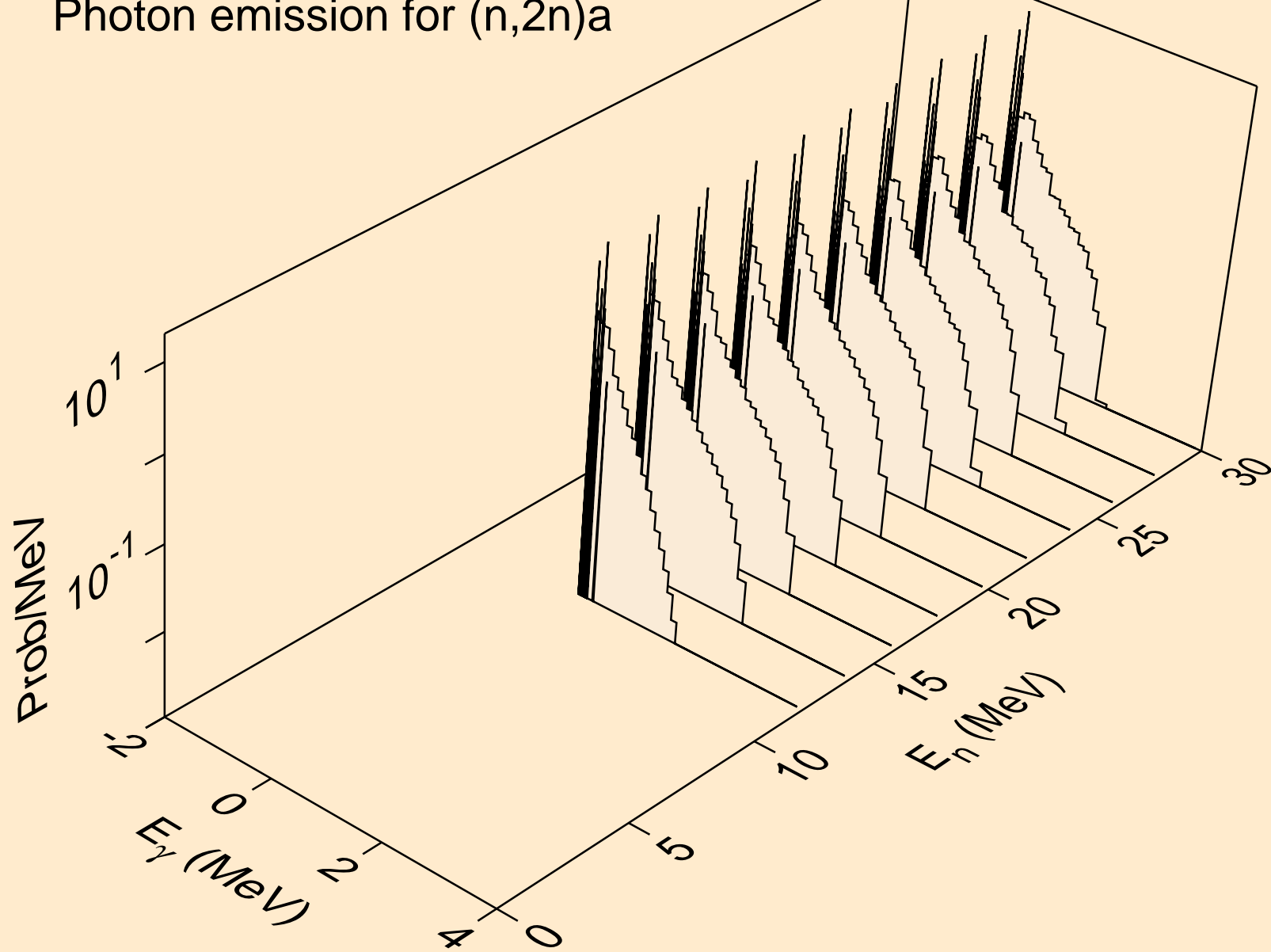
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Photon emission for (n,3n)



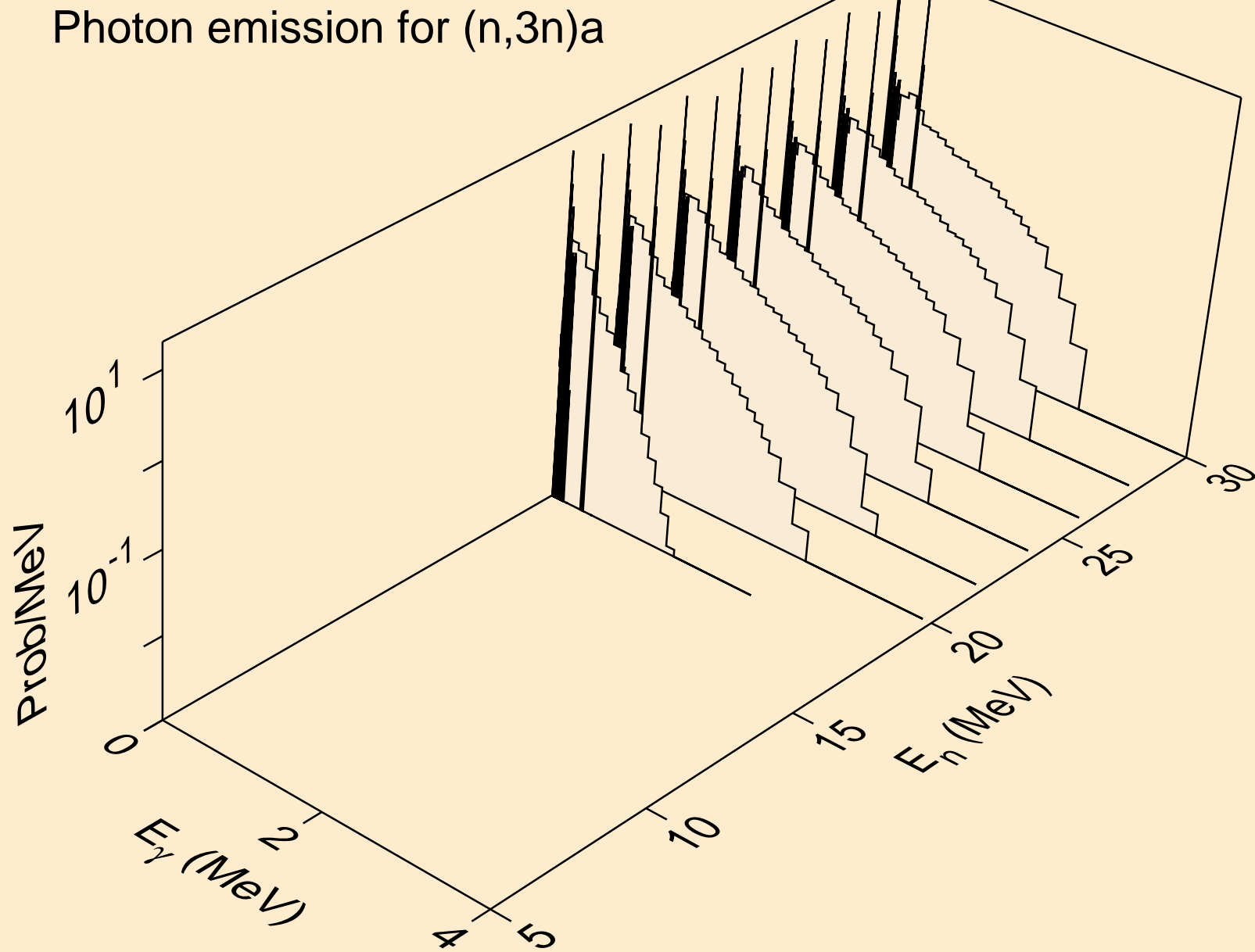
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Photon emission for (n,n\*)a



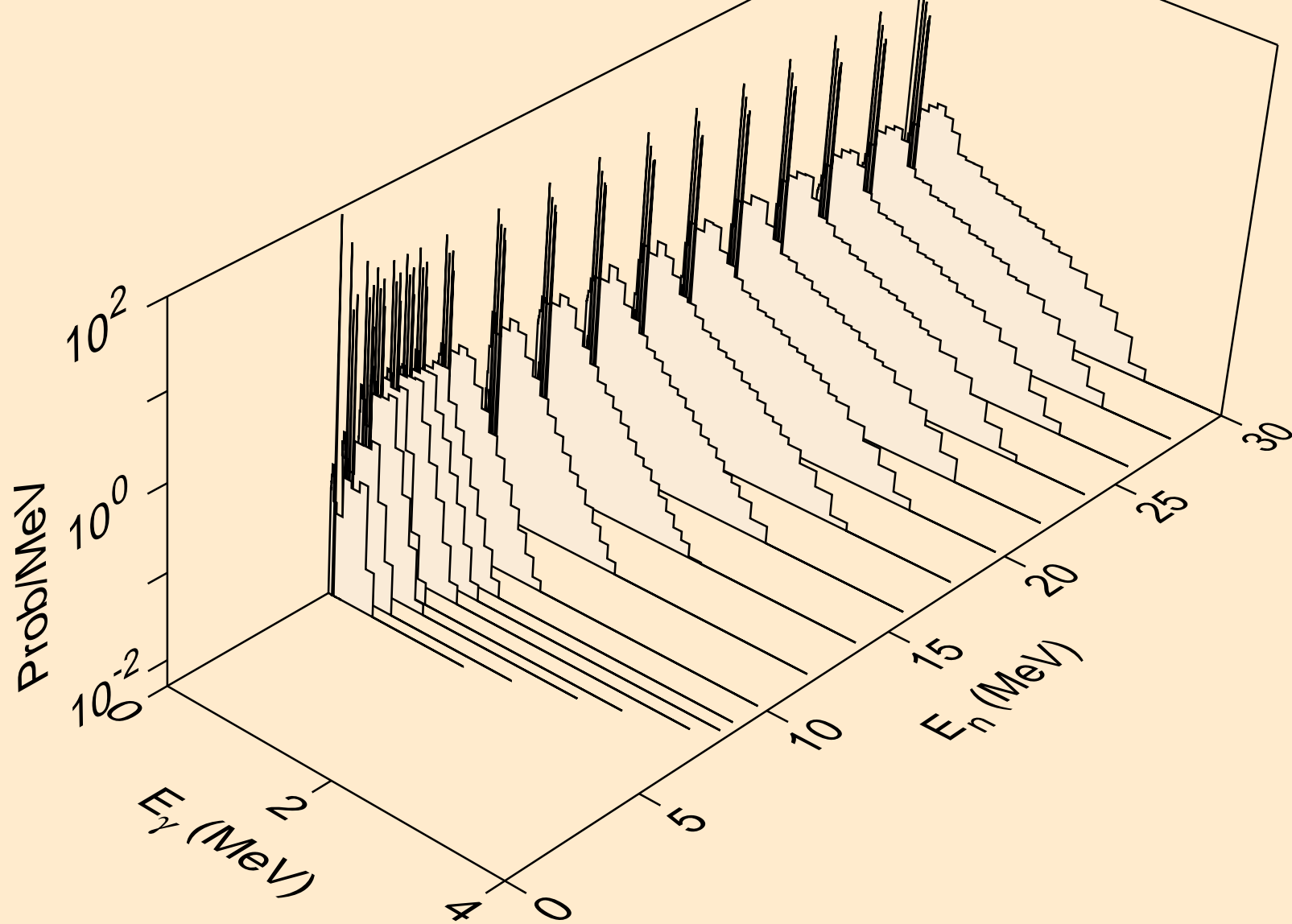
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Photon emission for (n,2n)a



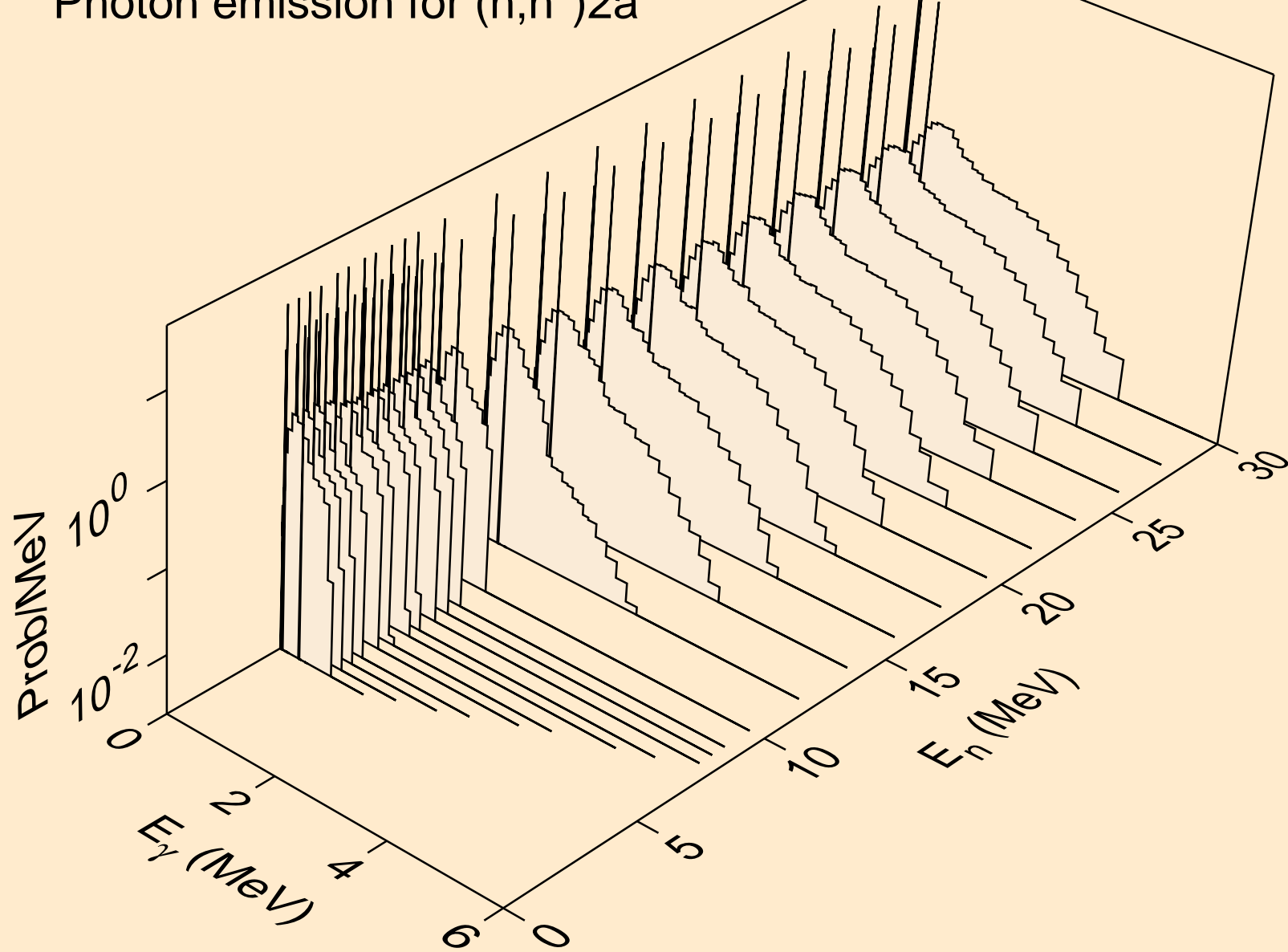
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Photon emission for (n,3n)a



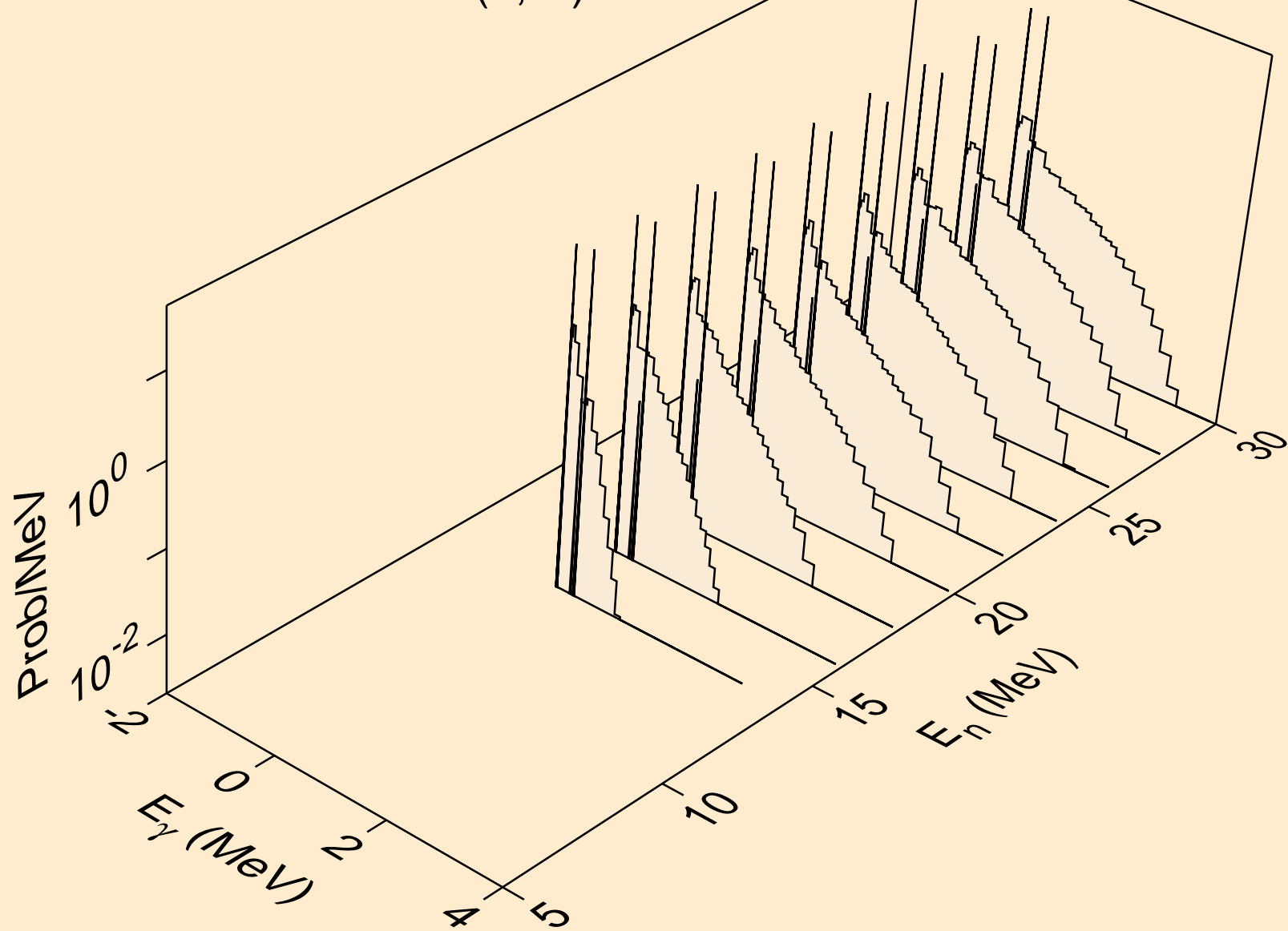
NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

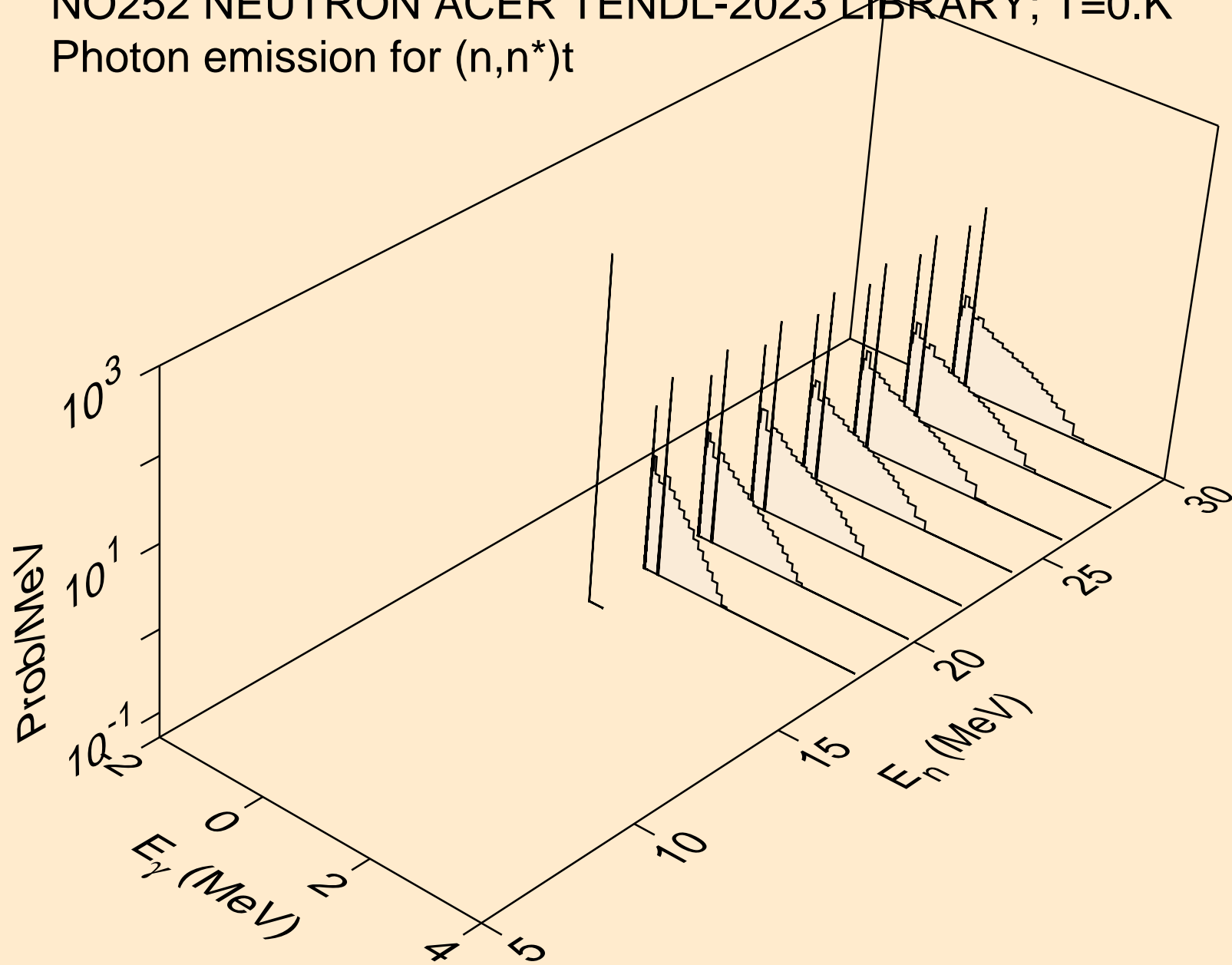


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Photon emission for (n,n\*)d

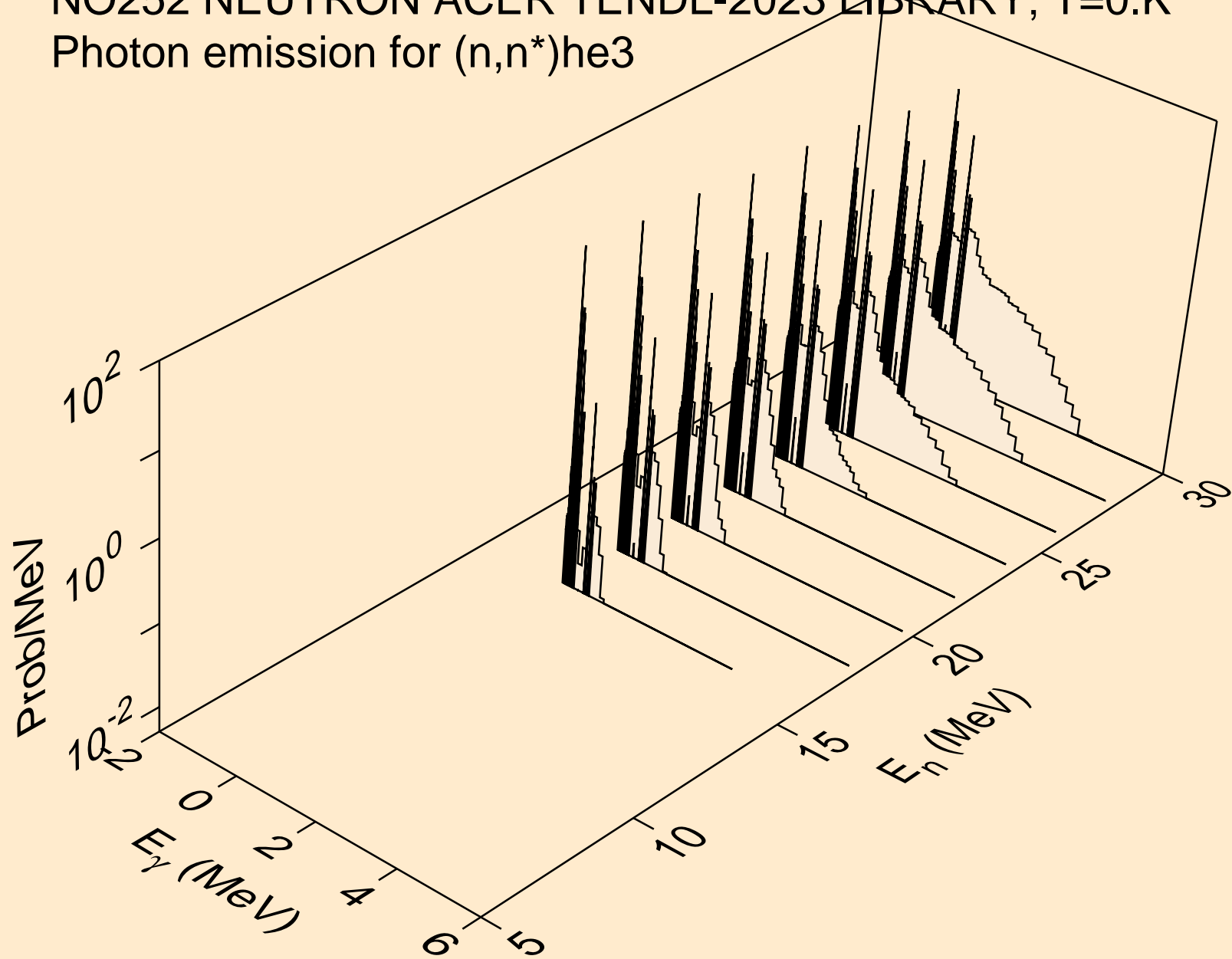




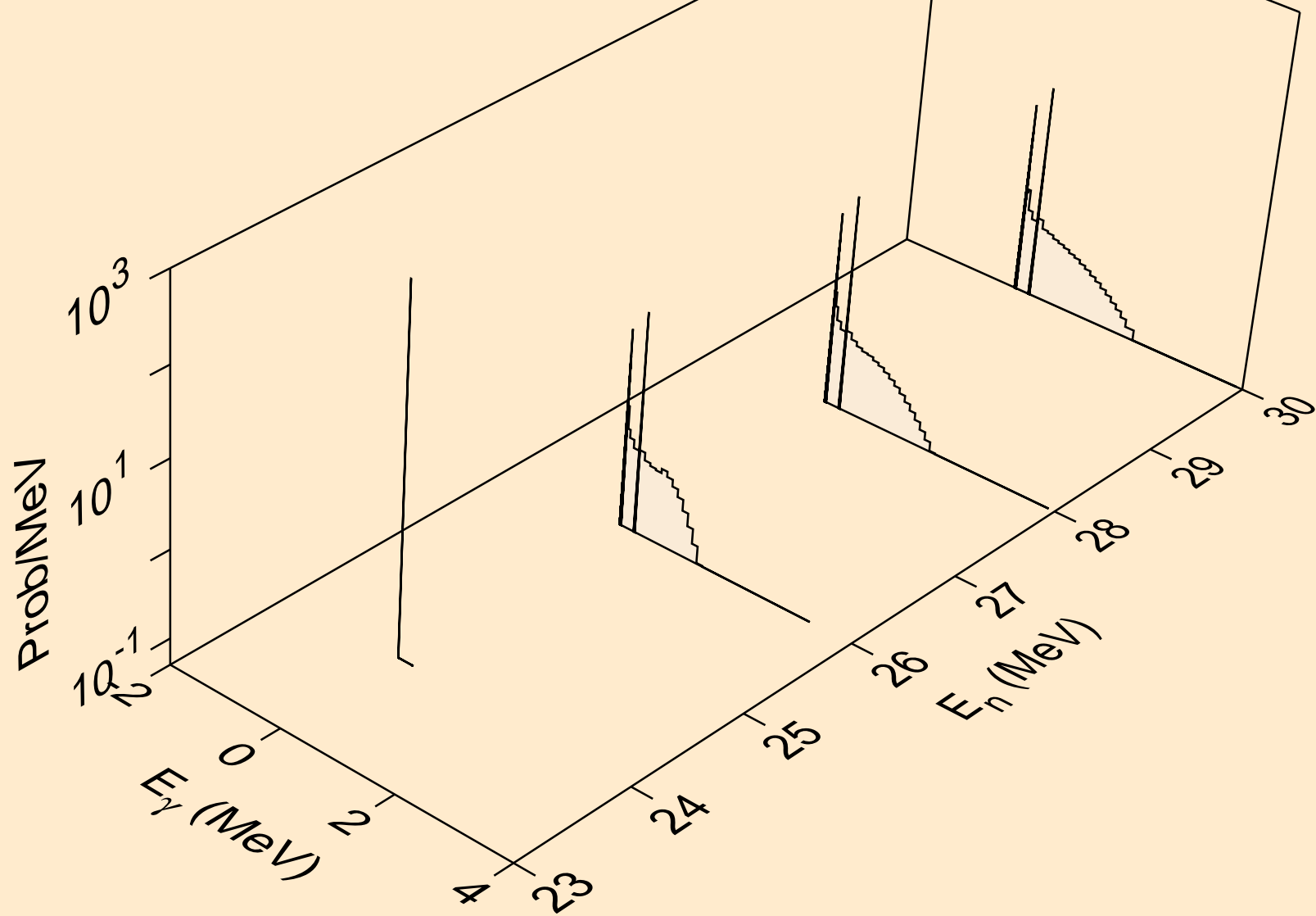
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Photon emission for (n,n\*)t



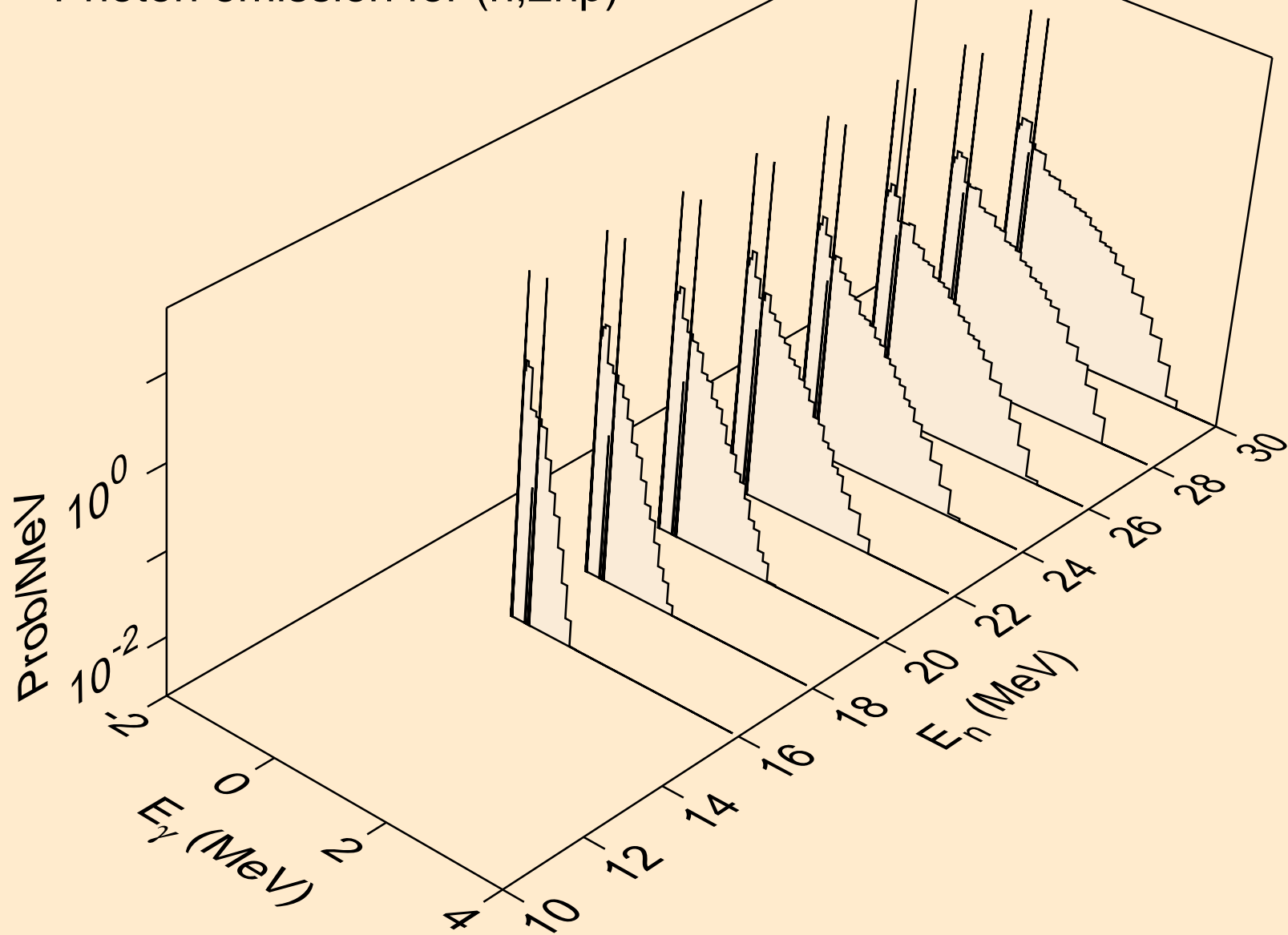
NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



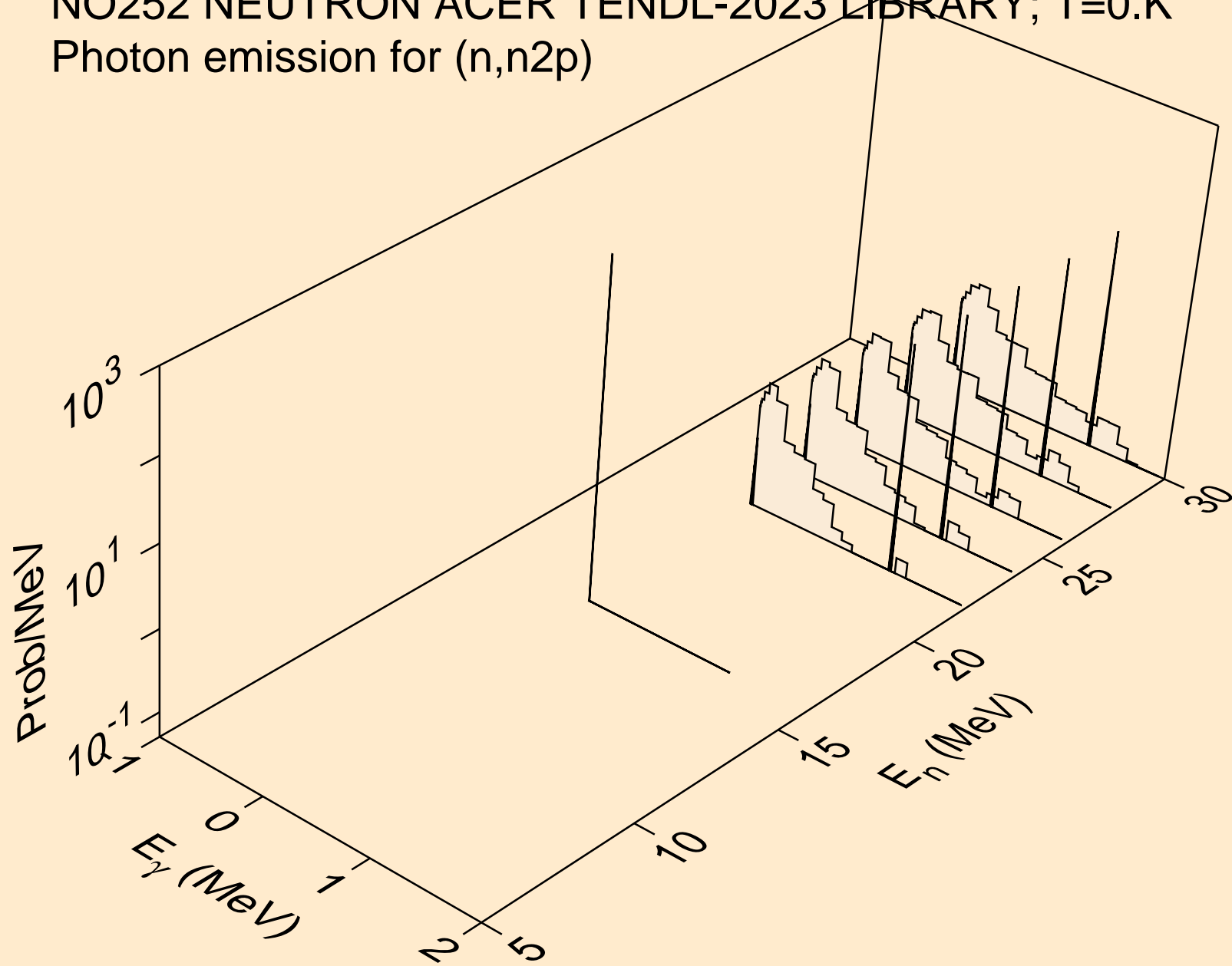
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Photon emission for (n,4n)



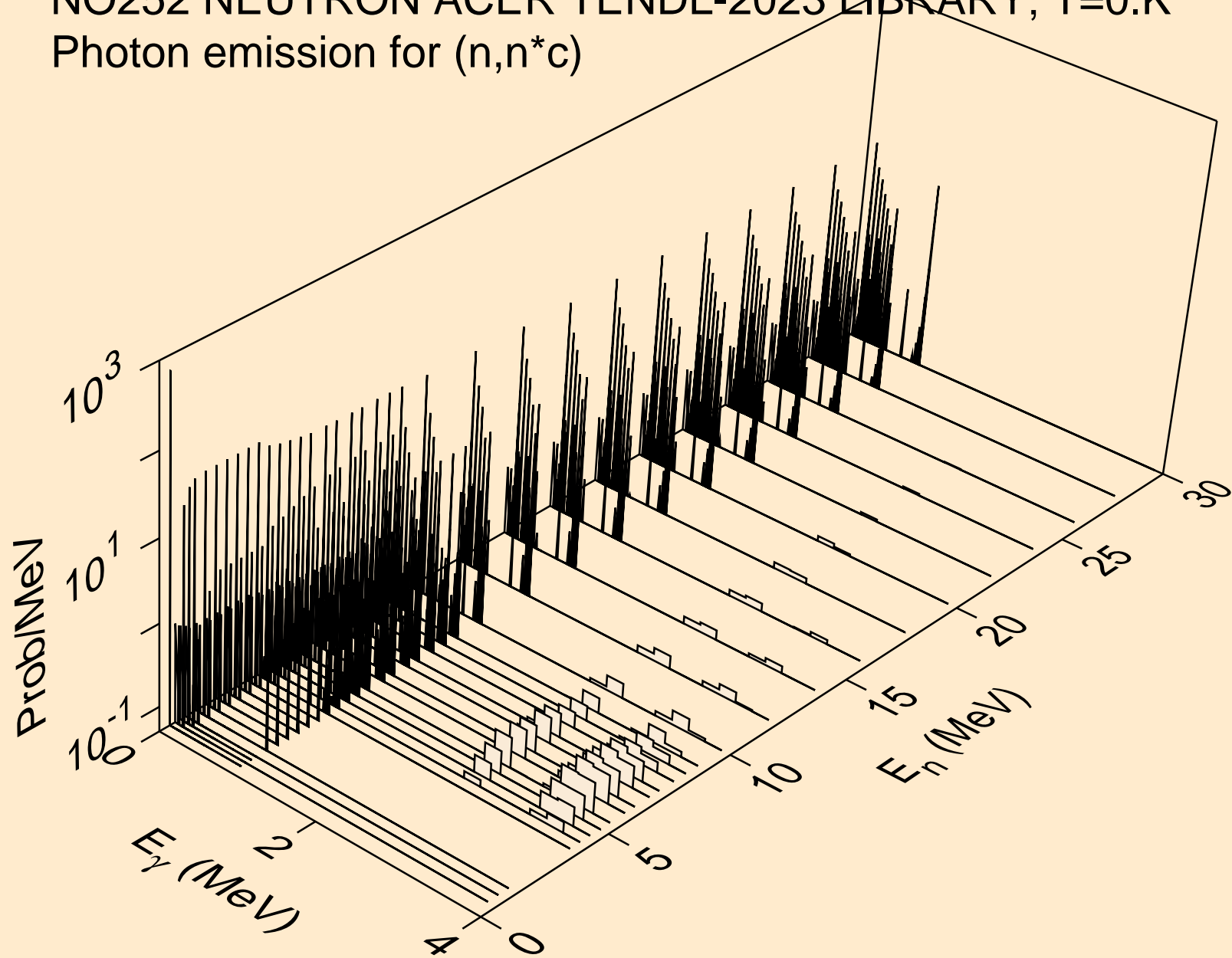
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Photon emission for (n,2np)



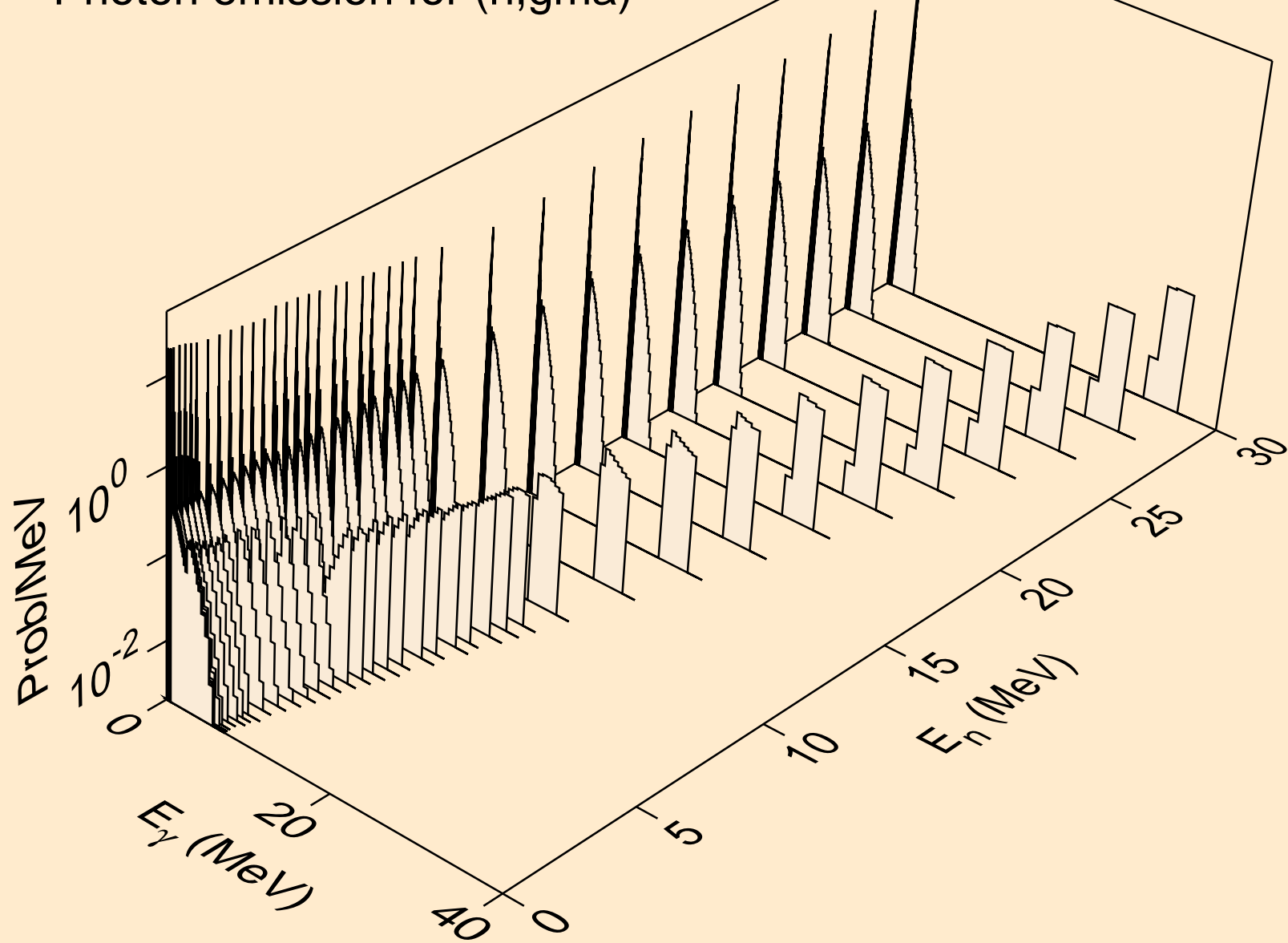
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Photon emission for (n,n2p)



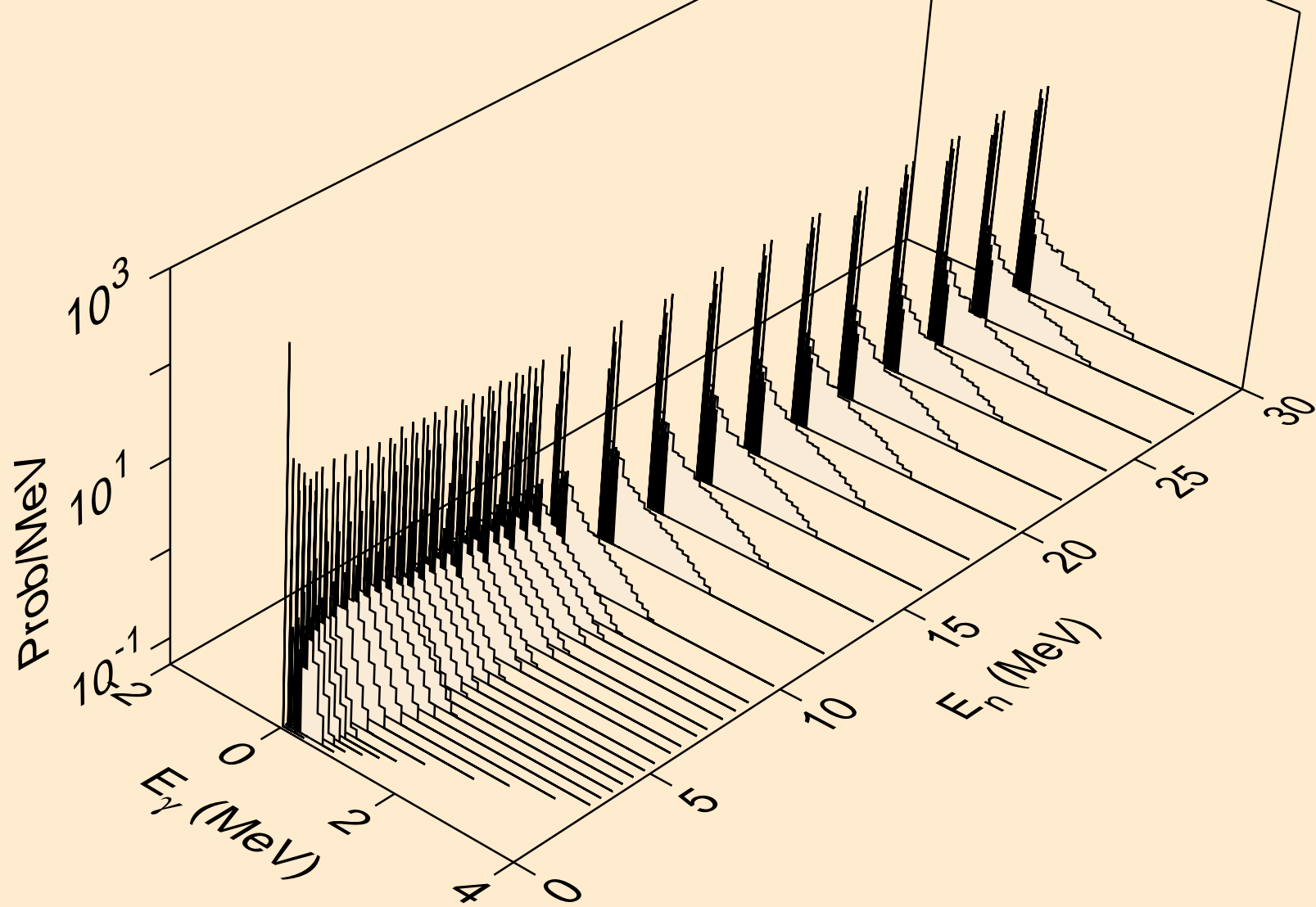
NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

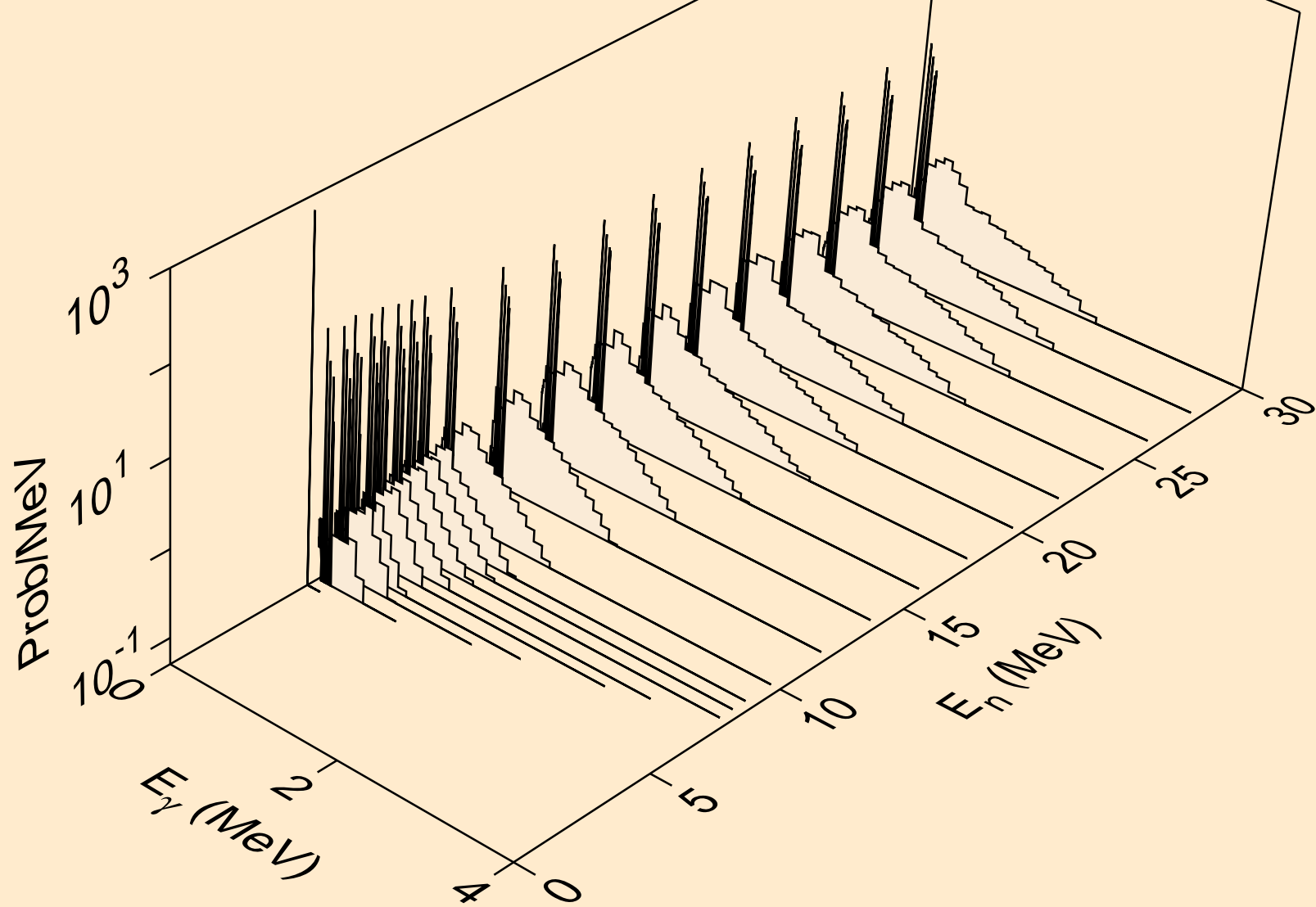


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Photon emission for (n,p)

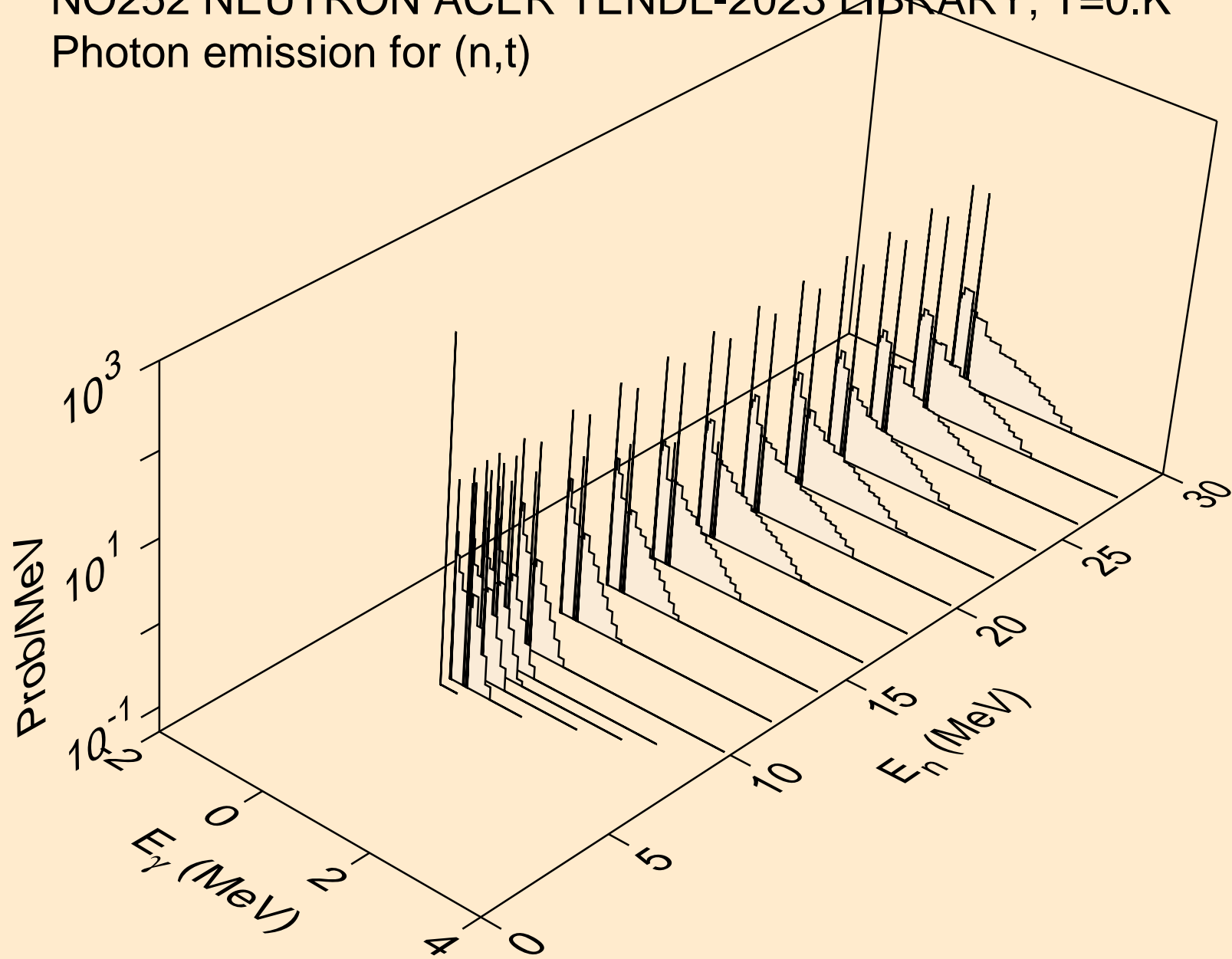




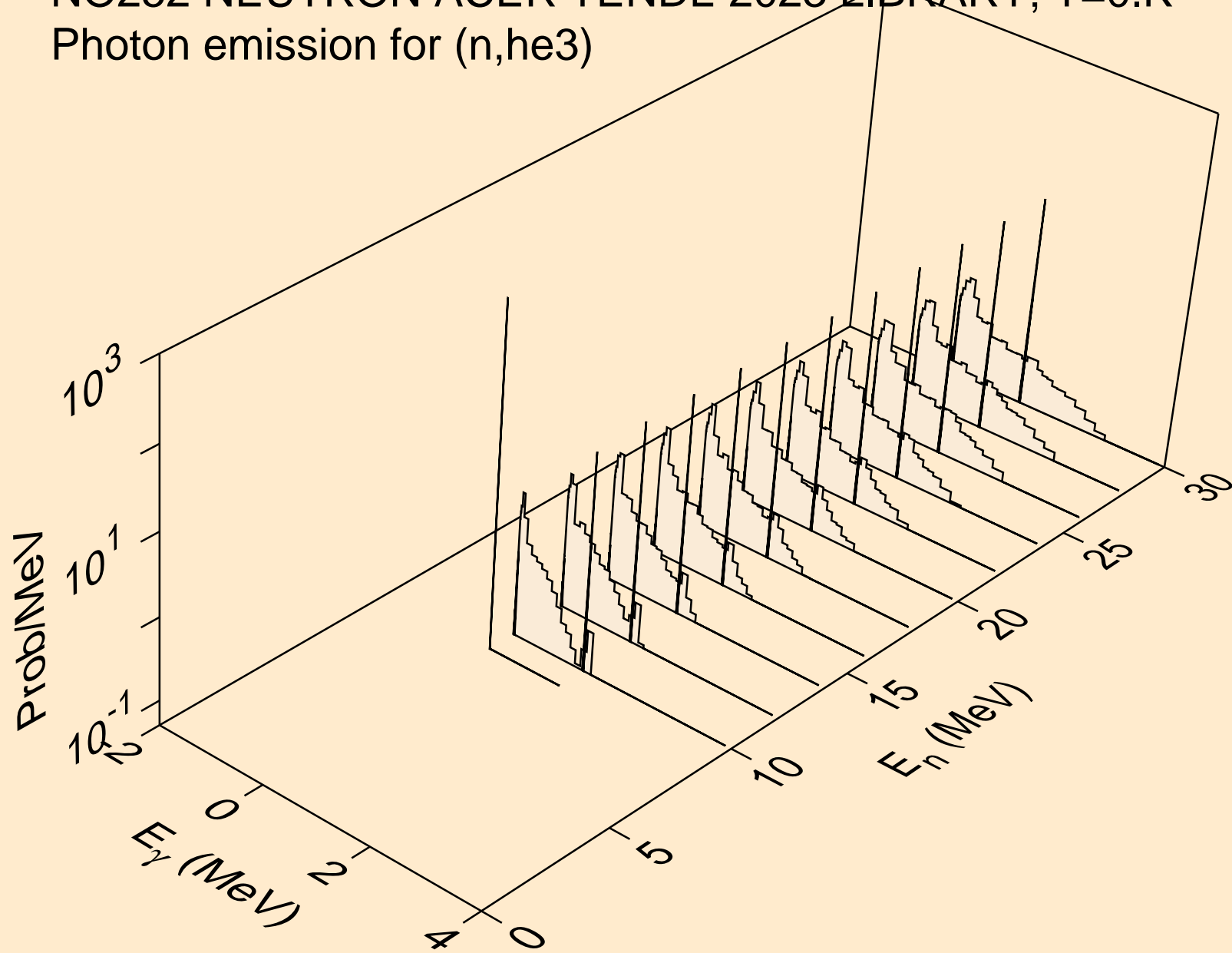
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Photon emission for (n,d)



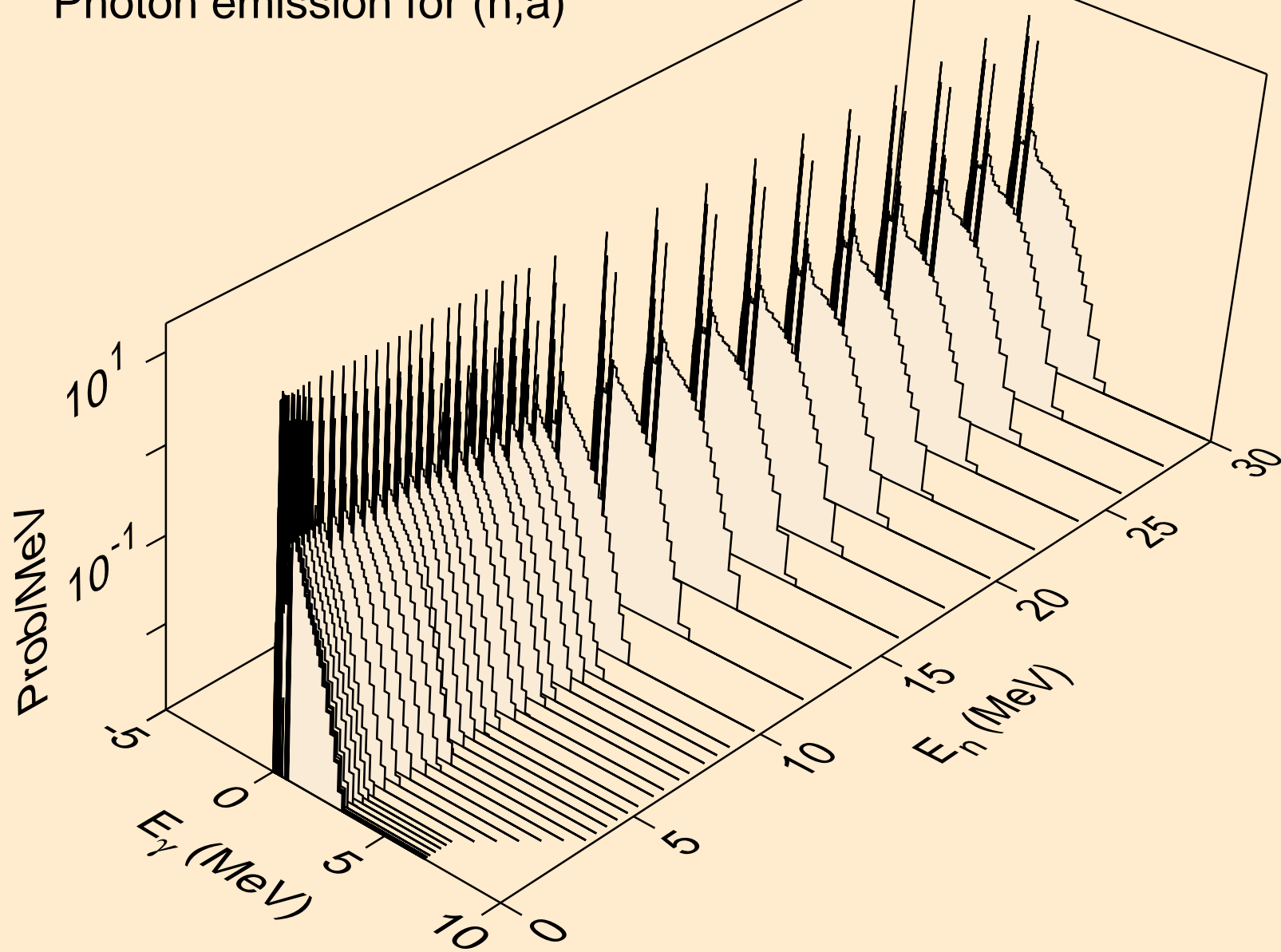
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Photon emission for (n,t)



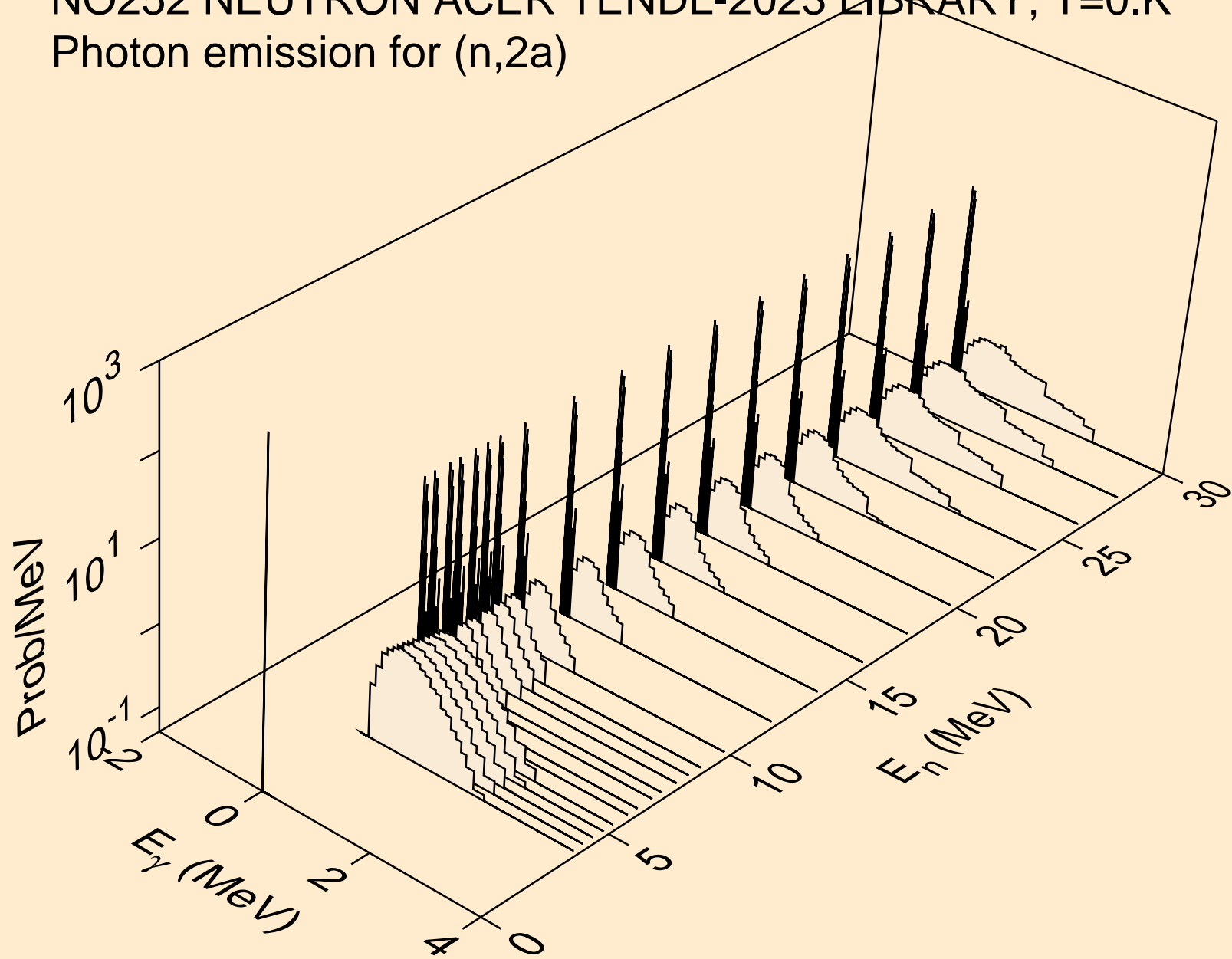
NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



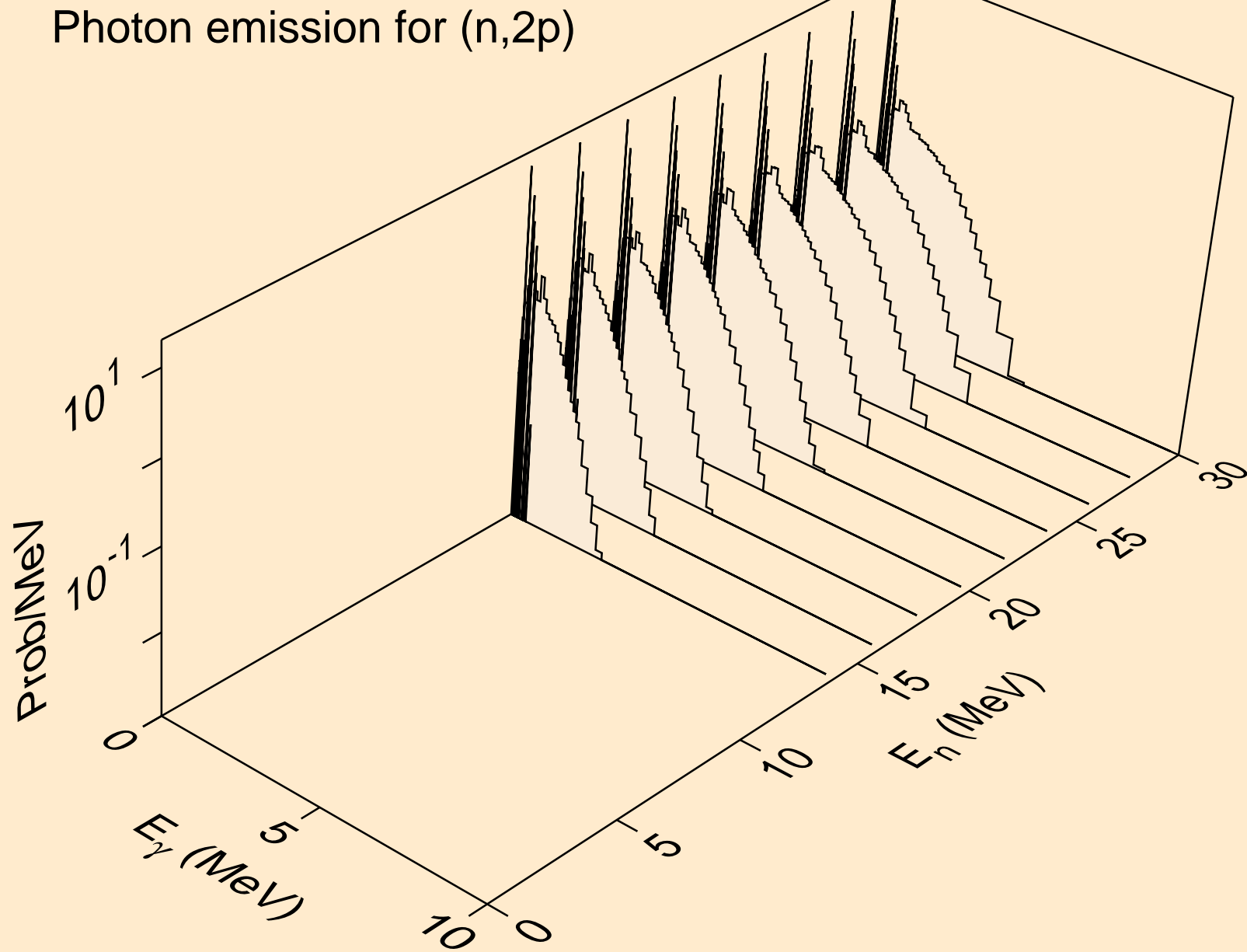
NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



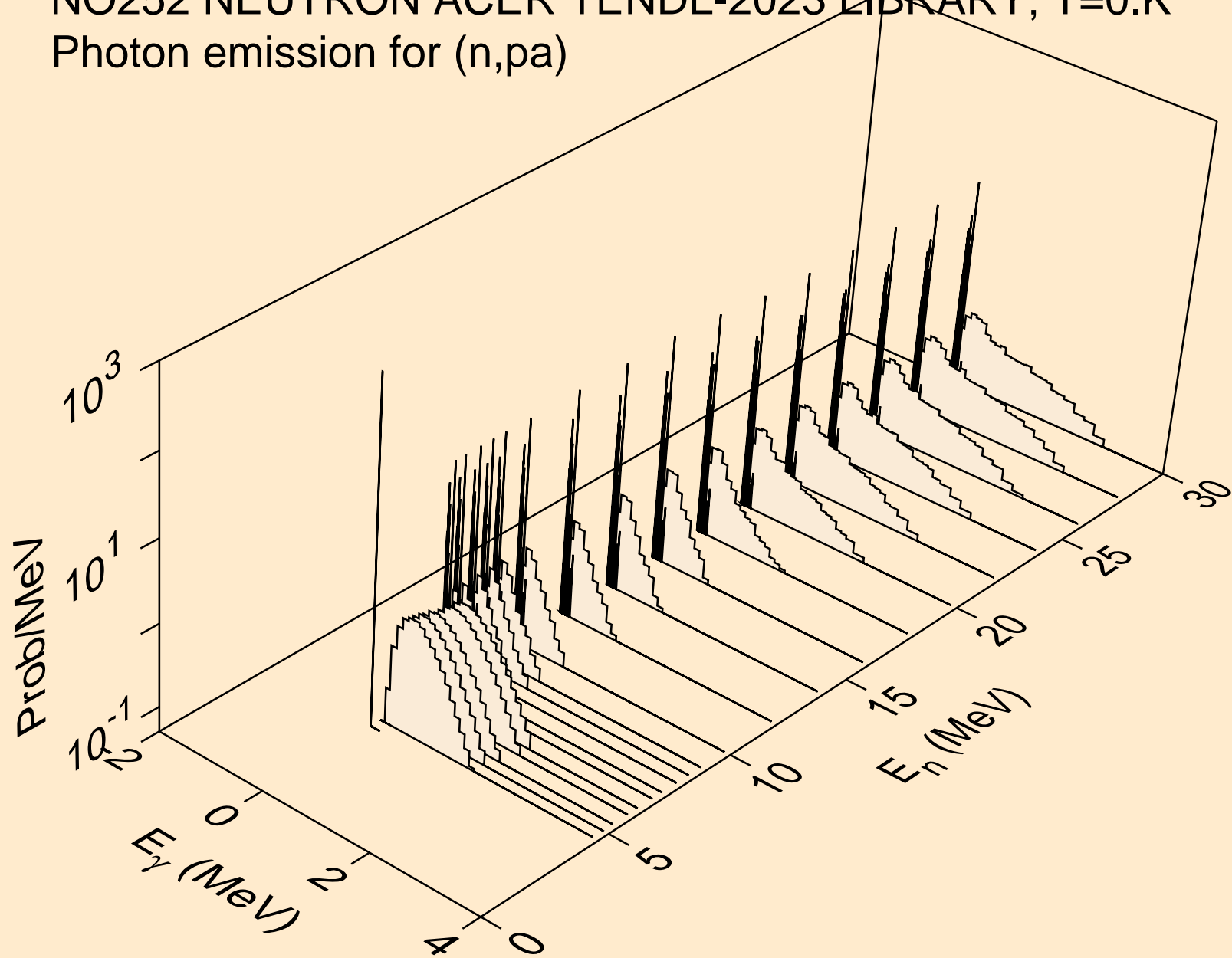
NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



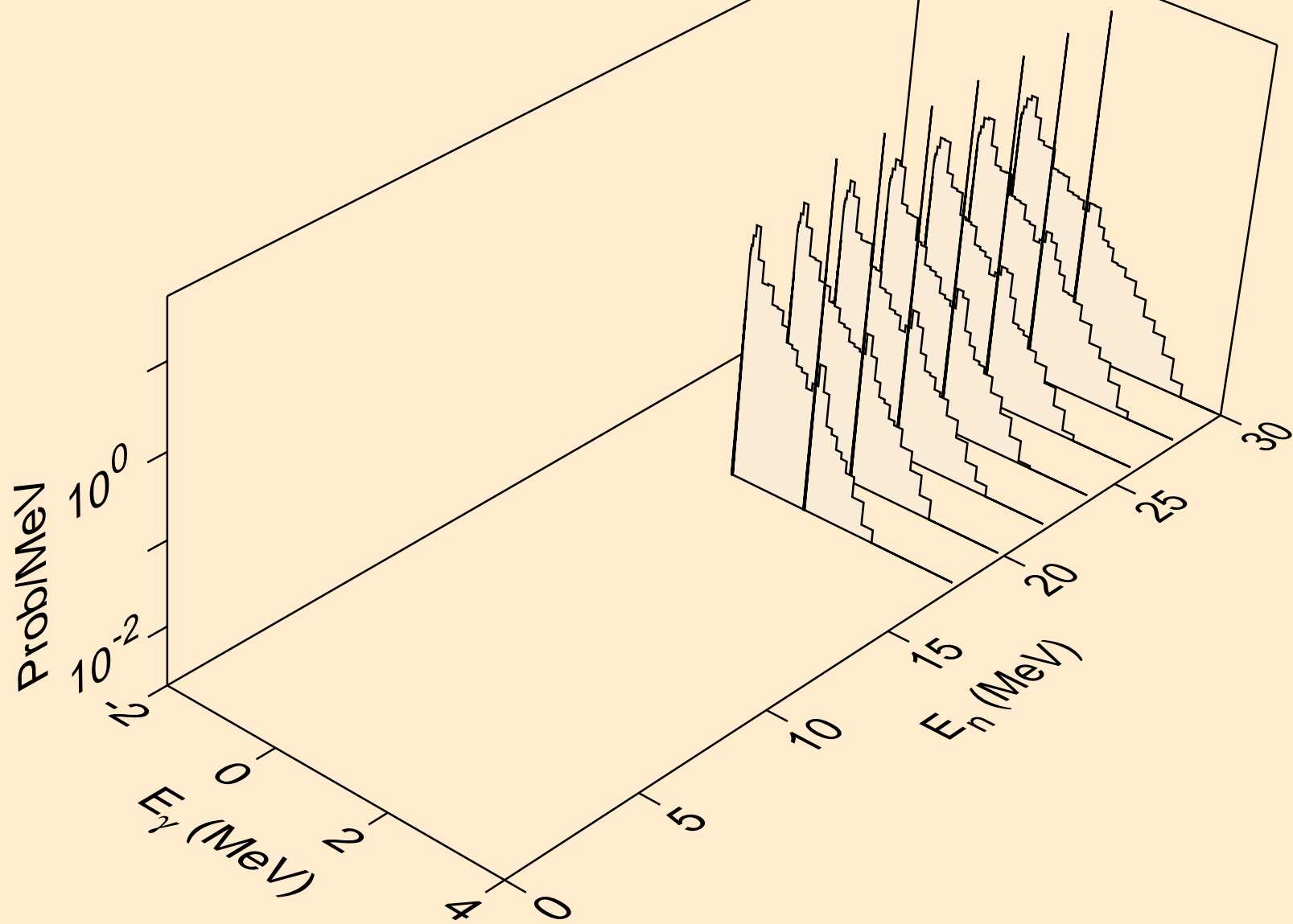
NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

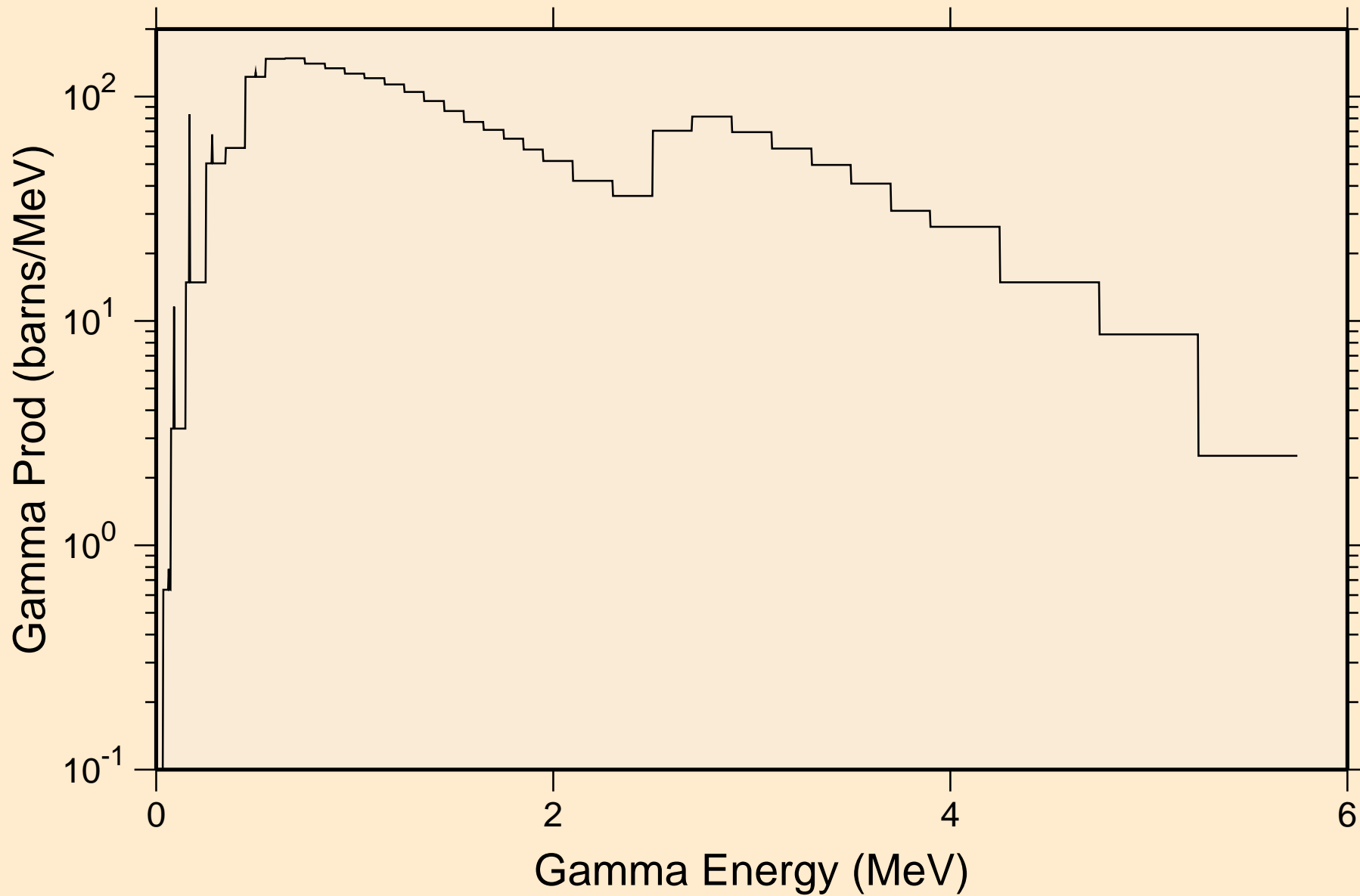


NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

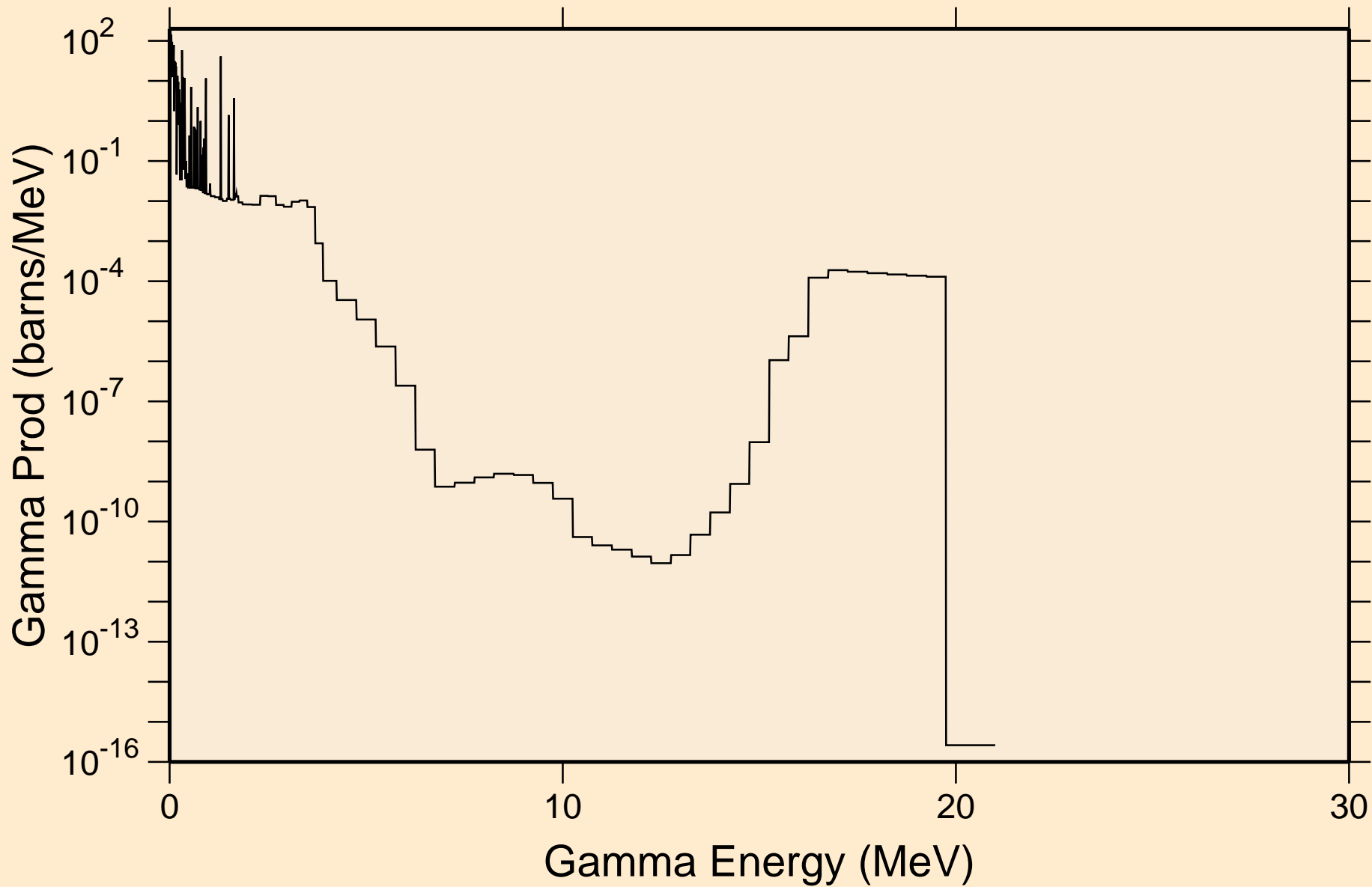




NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

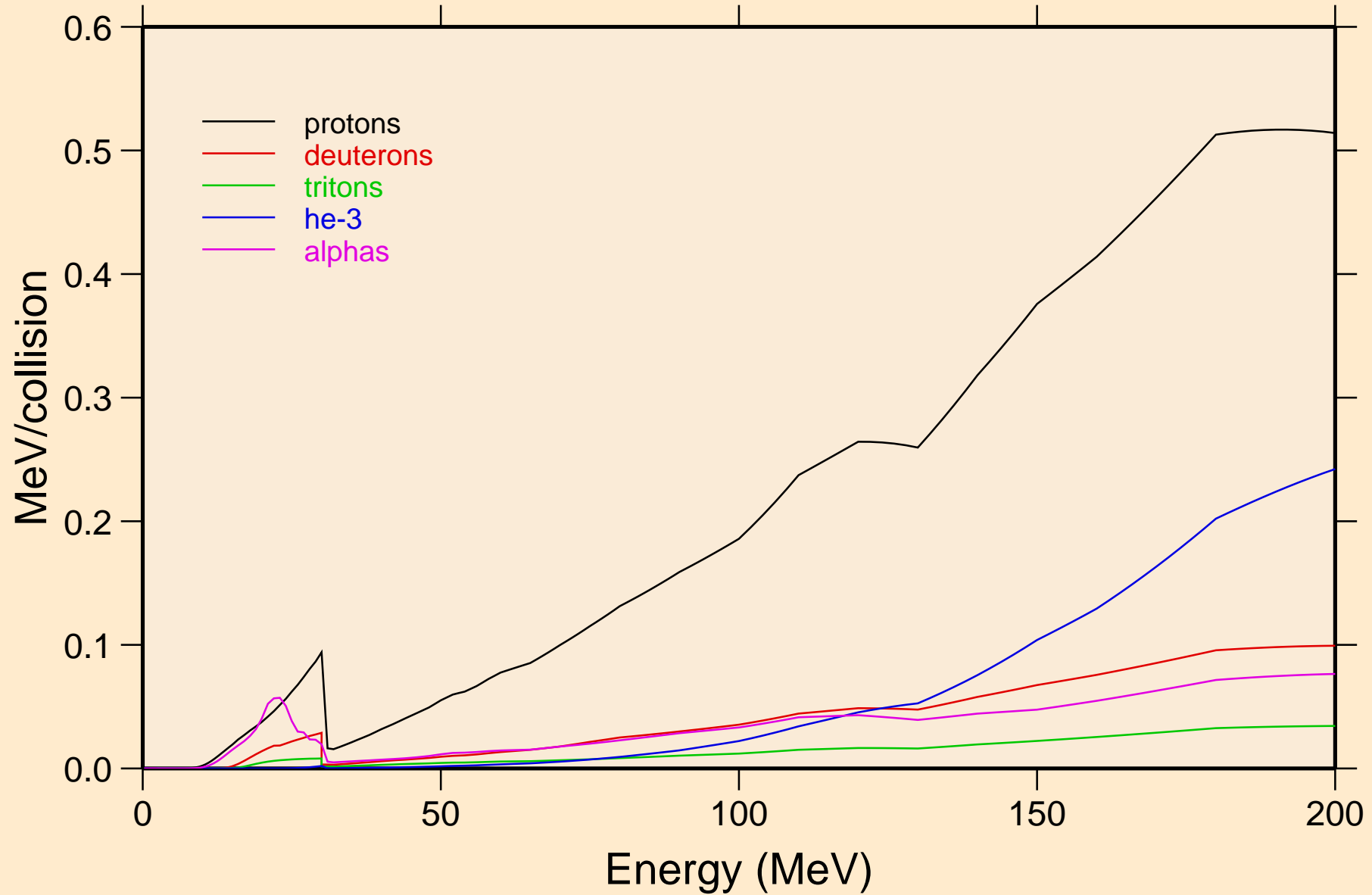


NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

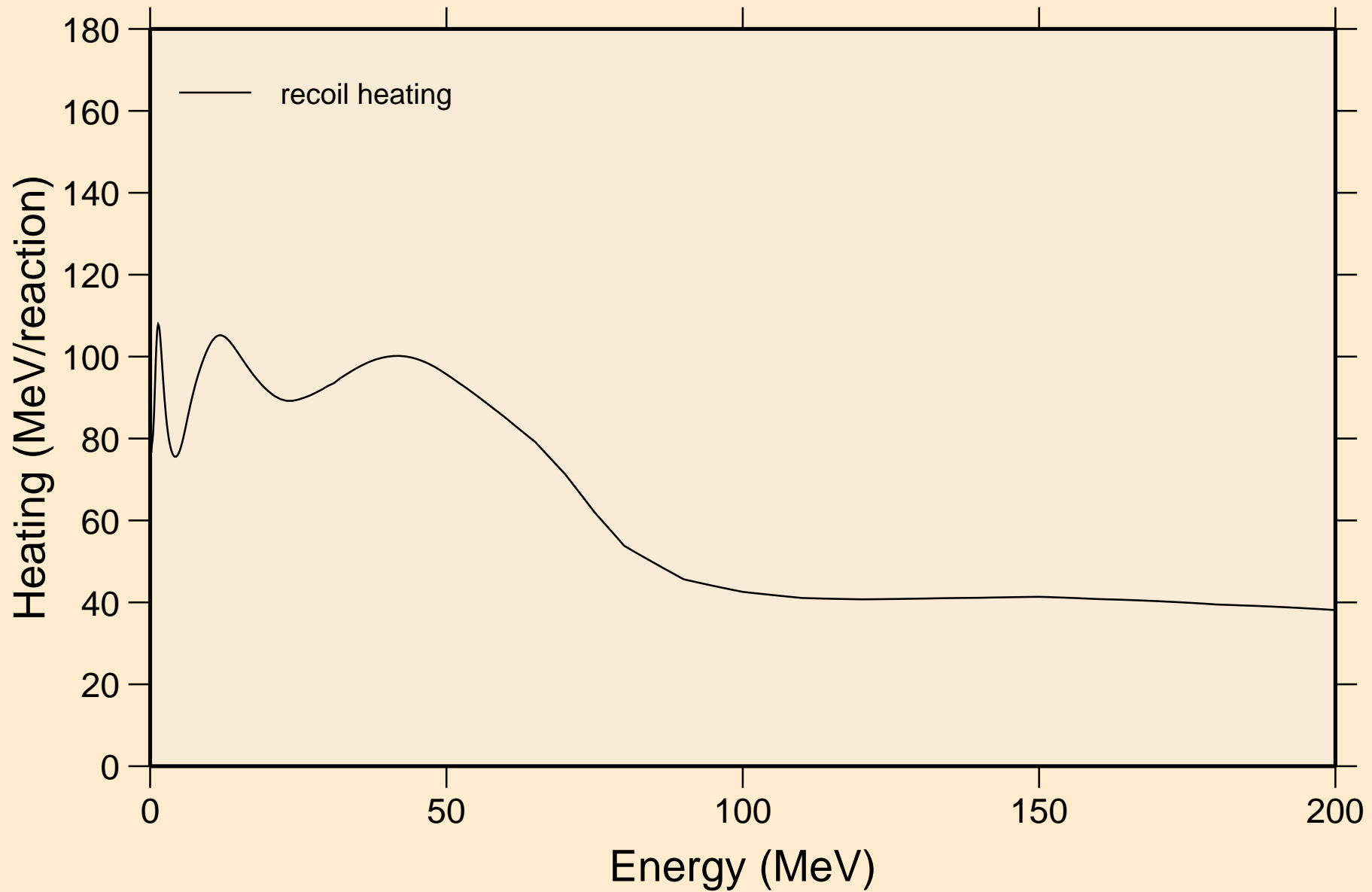


# NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

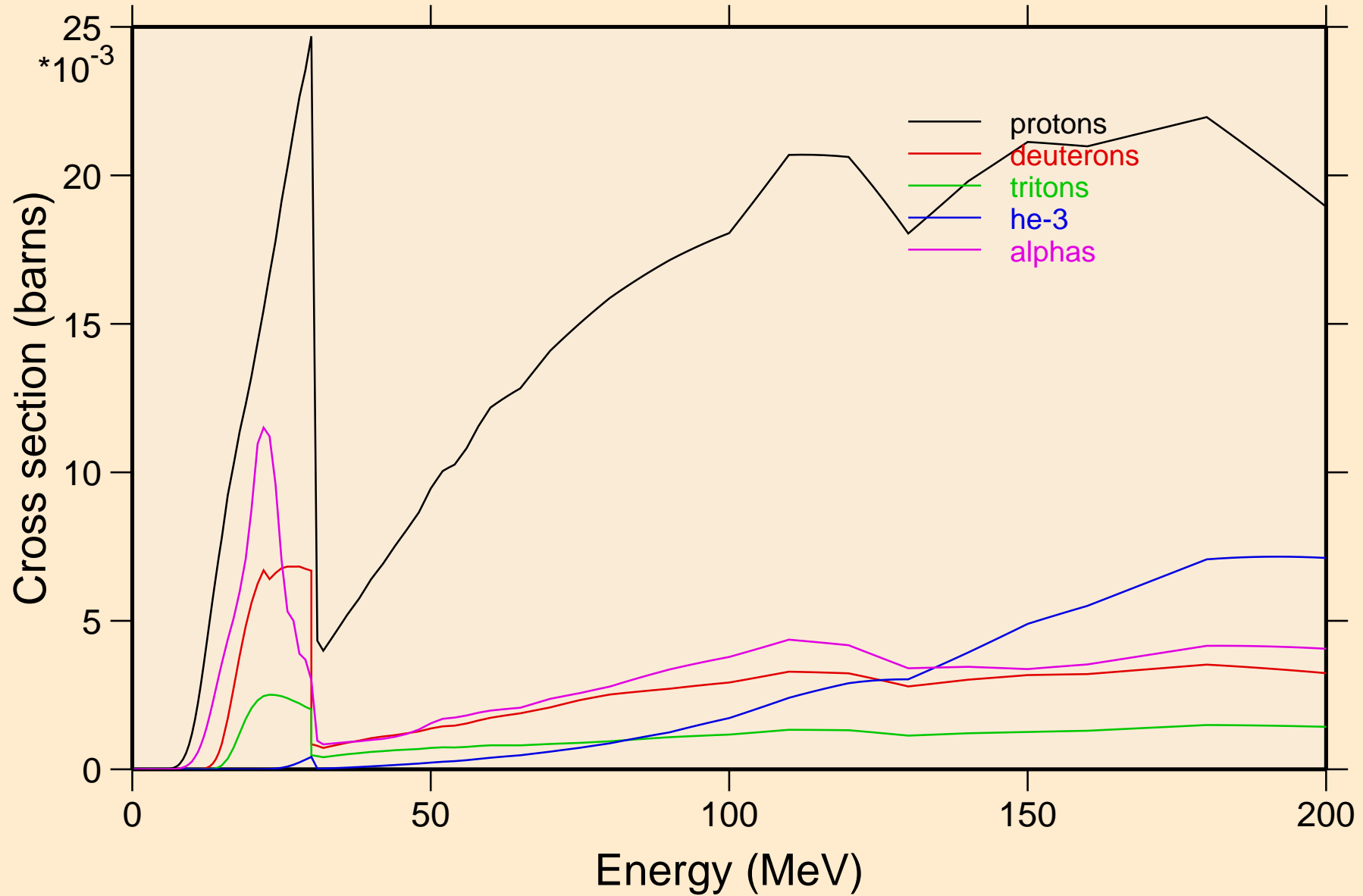
## Particle heating contributions



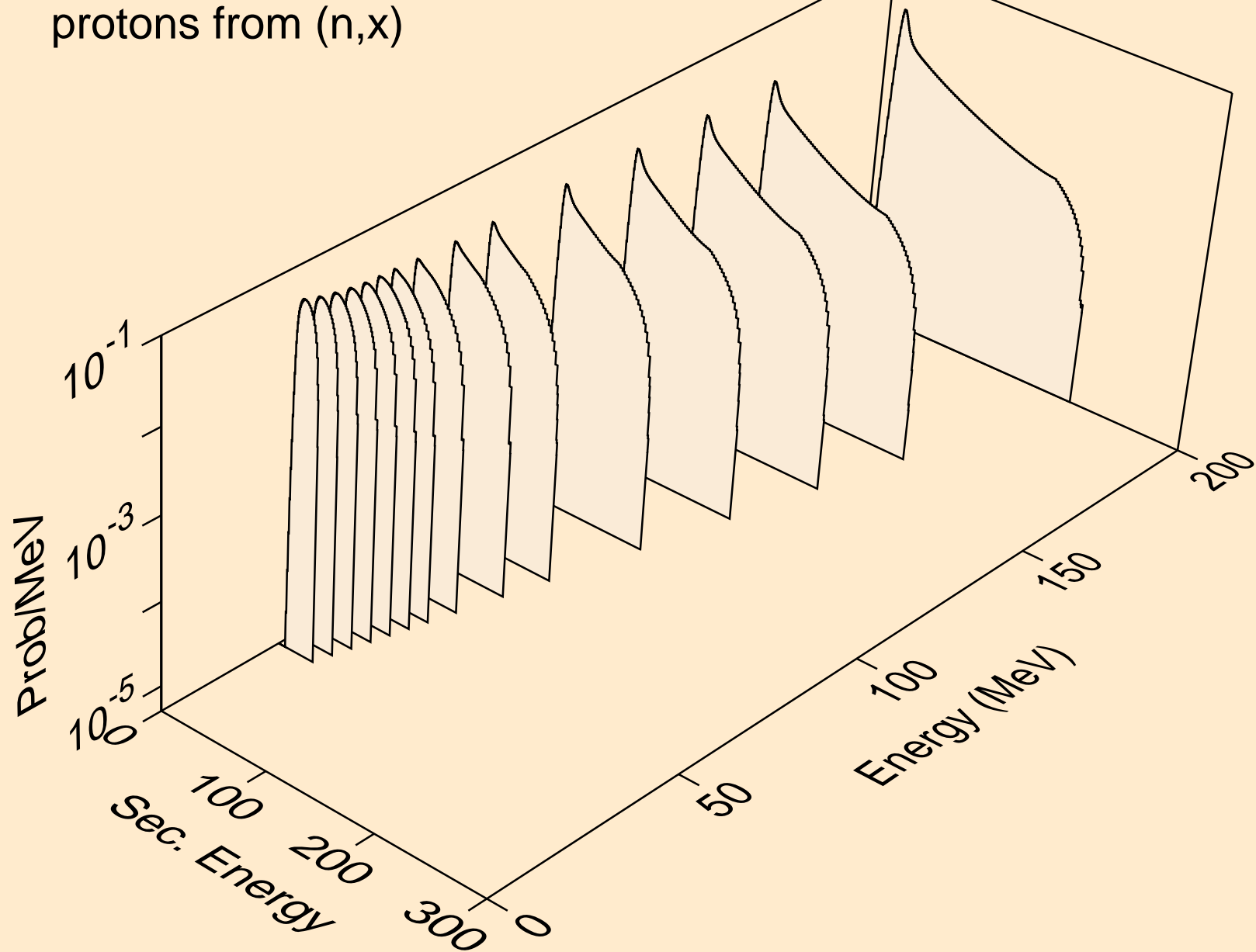
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Recoil Heating



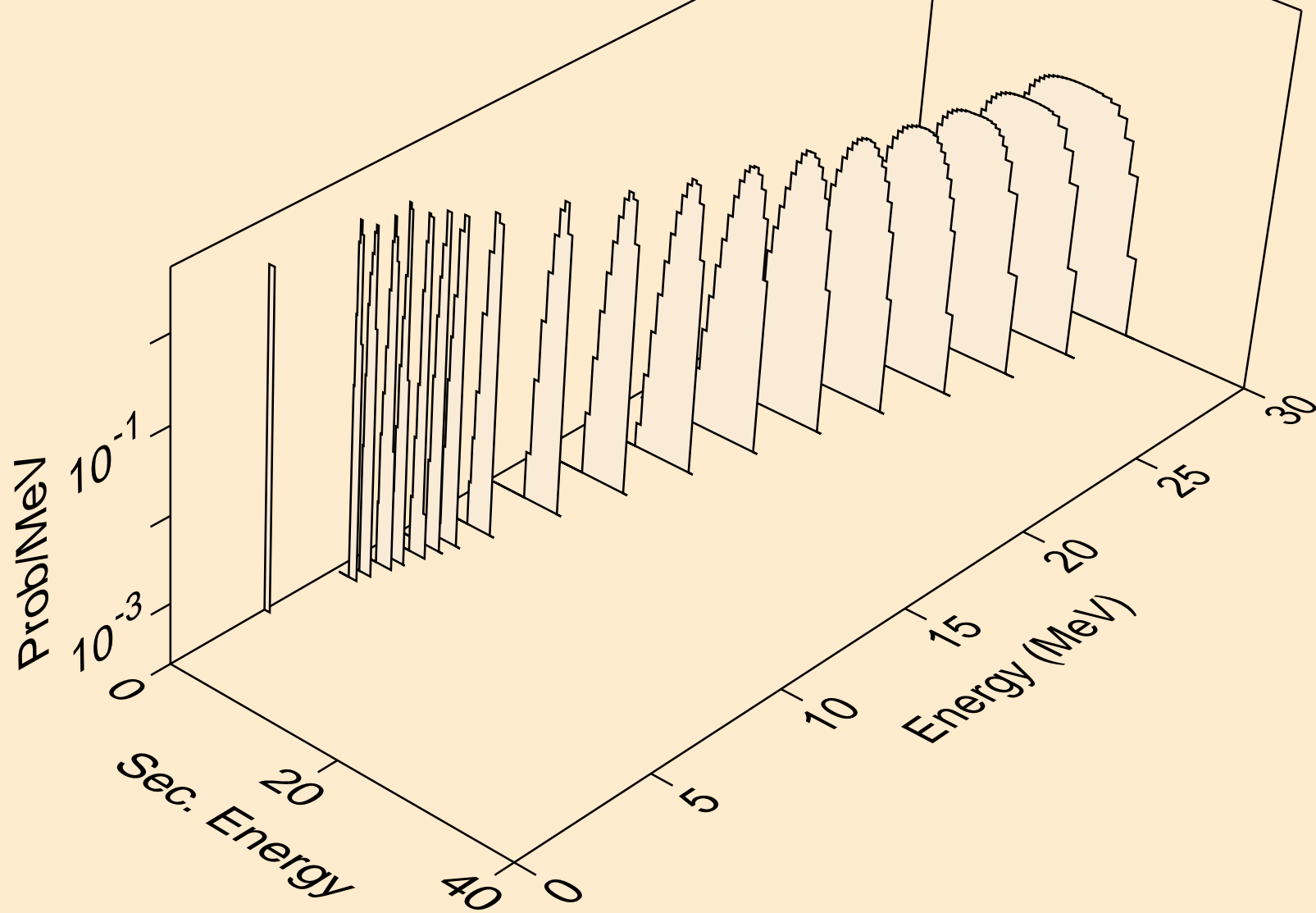
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Particle production cross sections



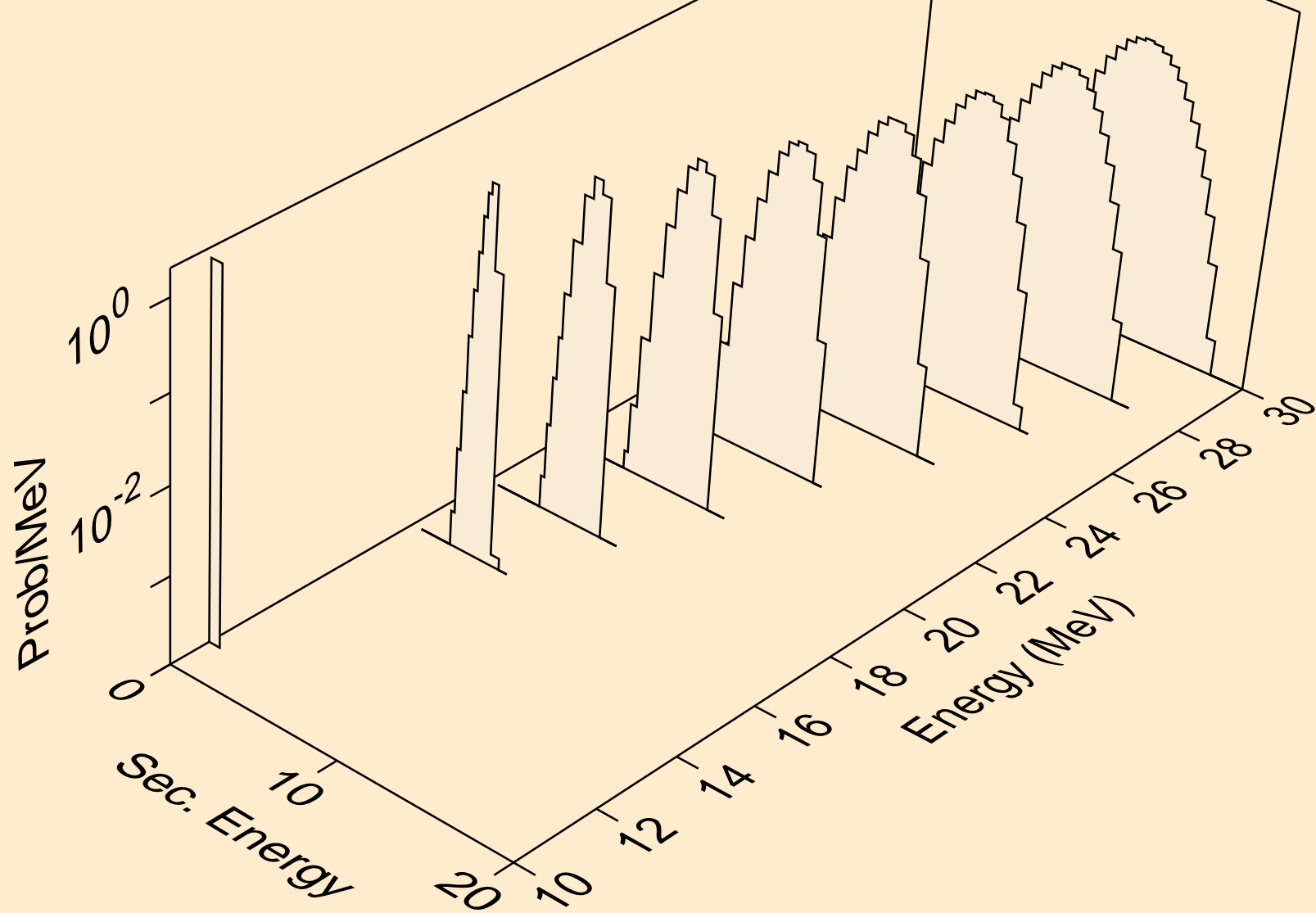
NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p

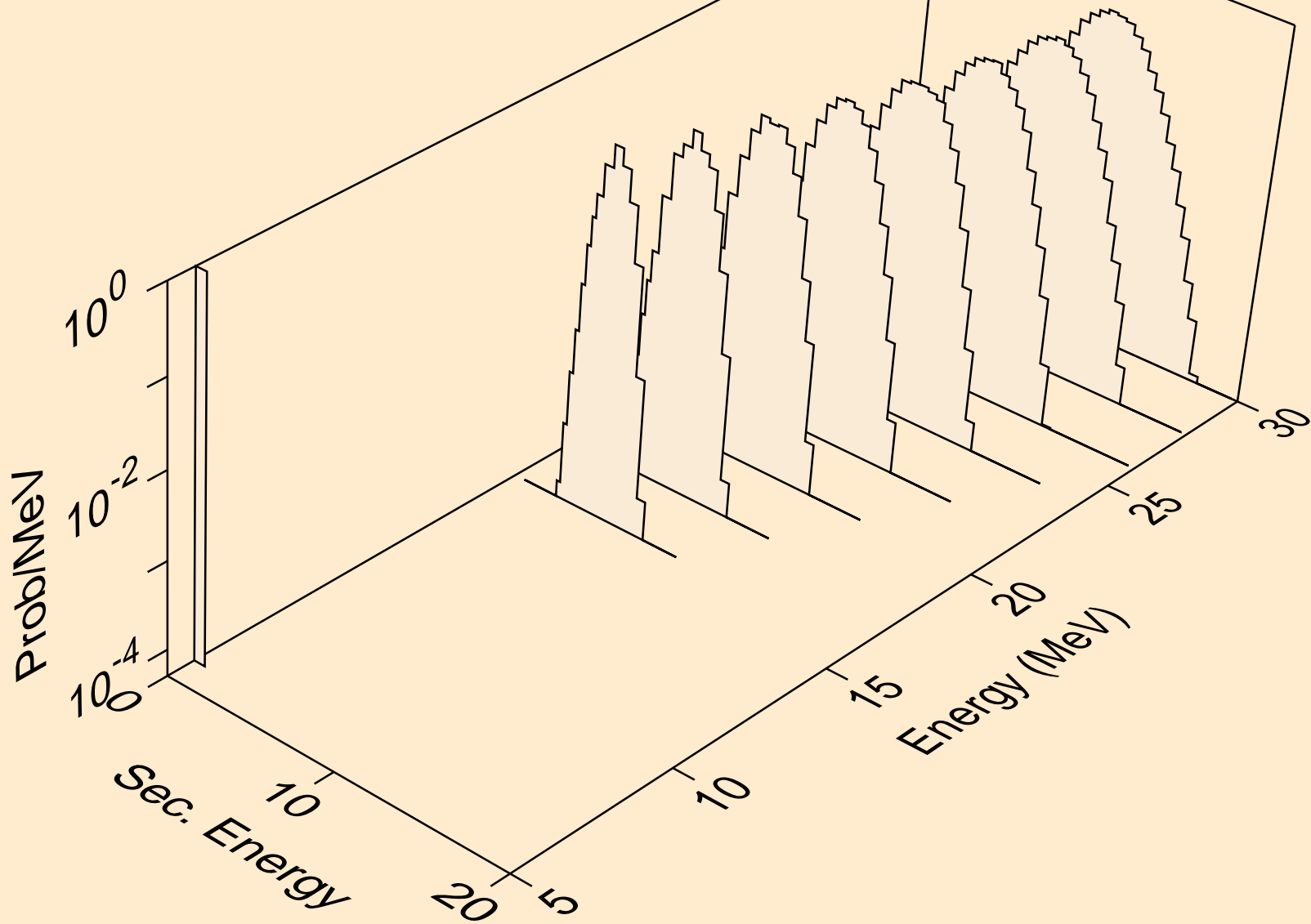


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protons from (n,2np)

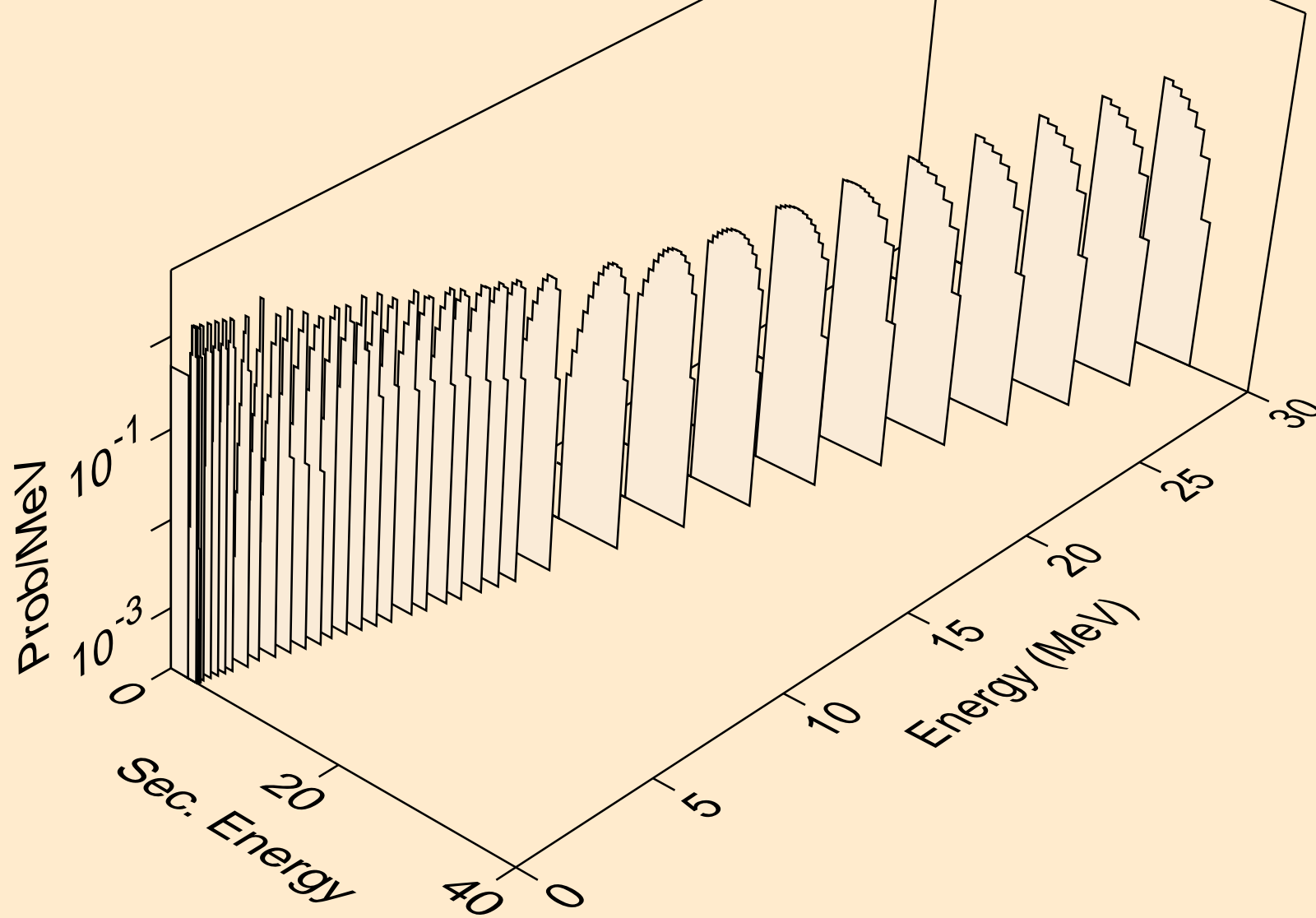




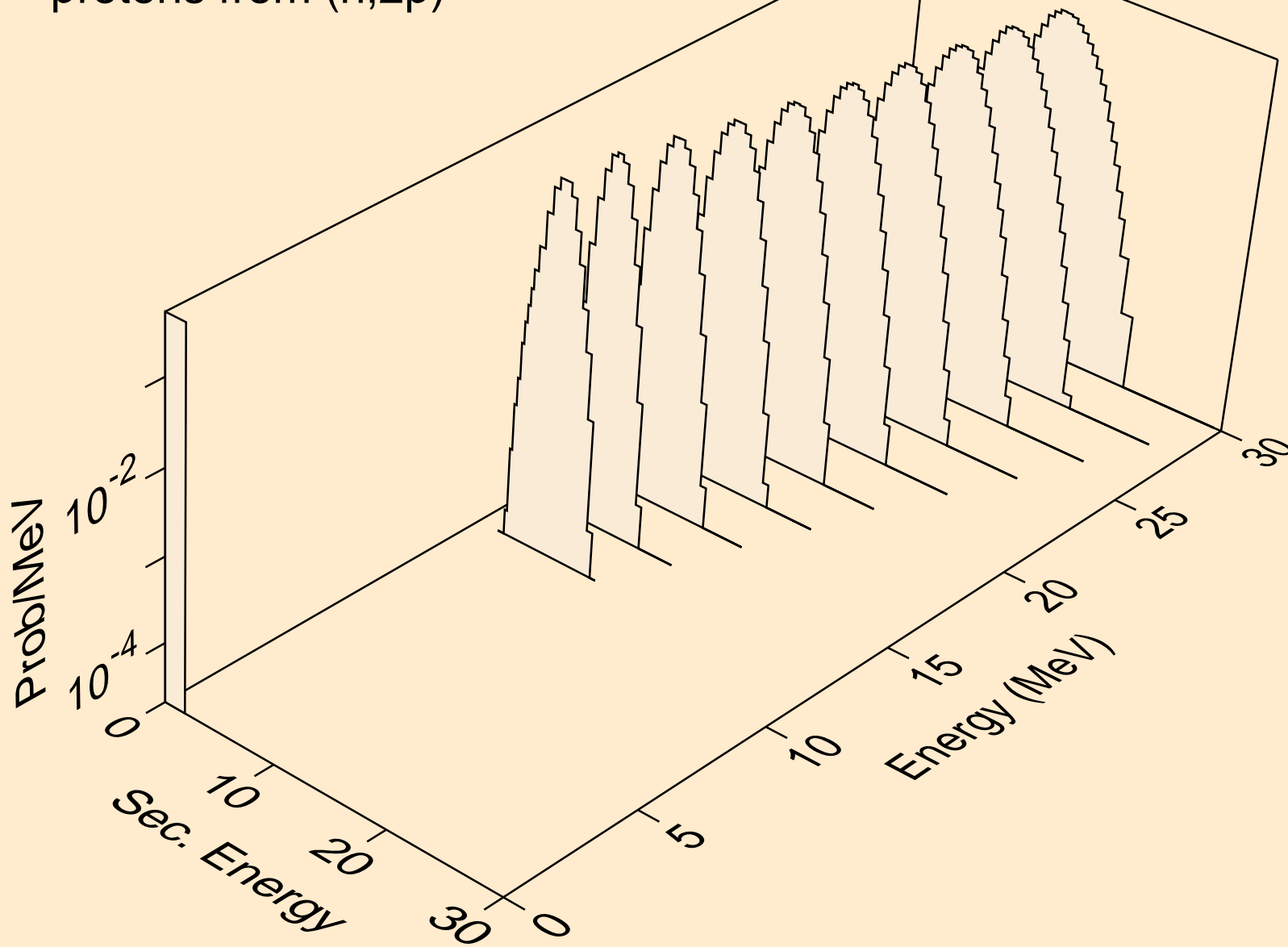
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protons from (n,n2p)



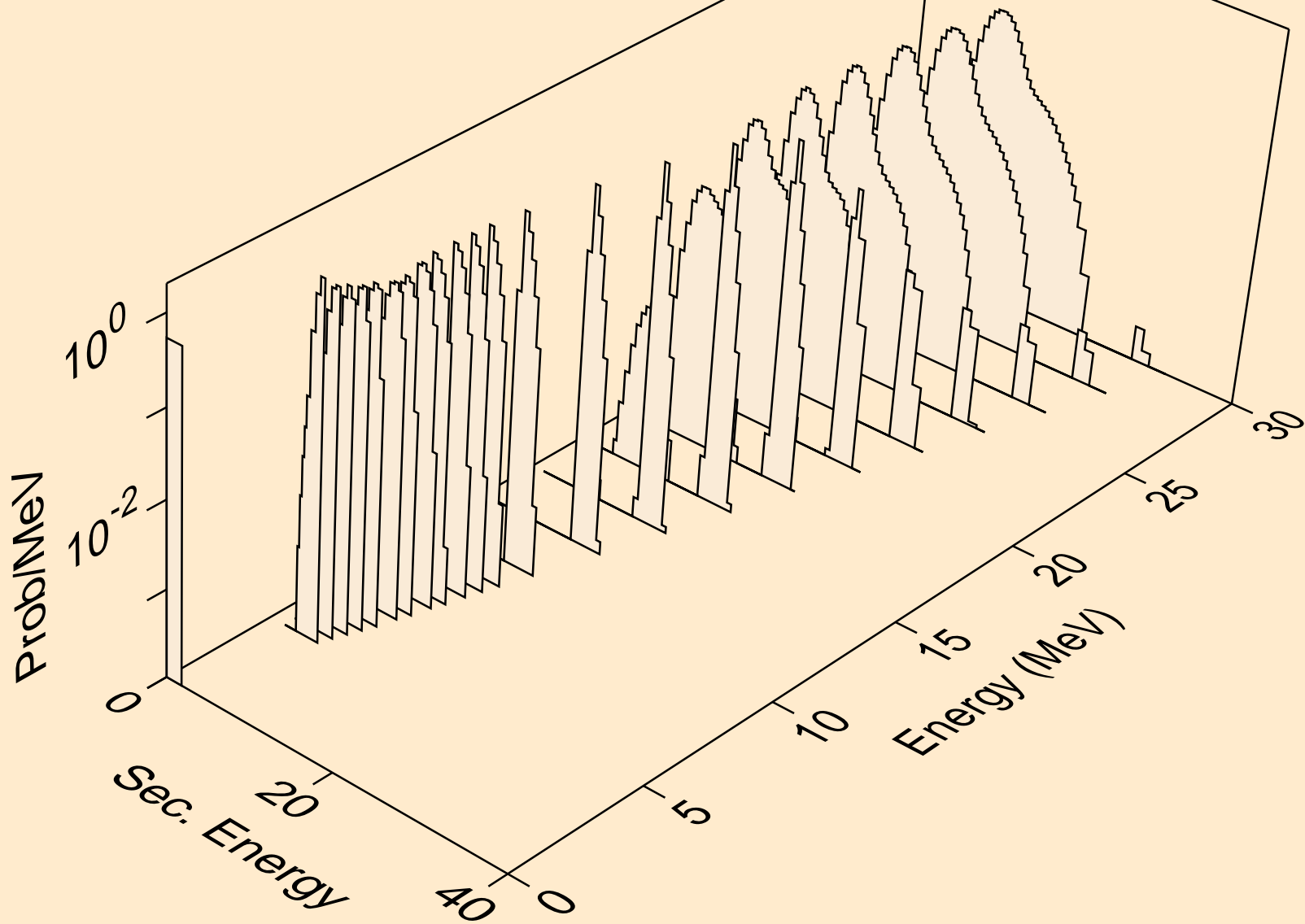
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protons from (n,p)



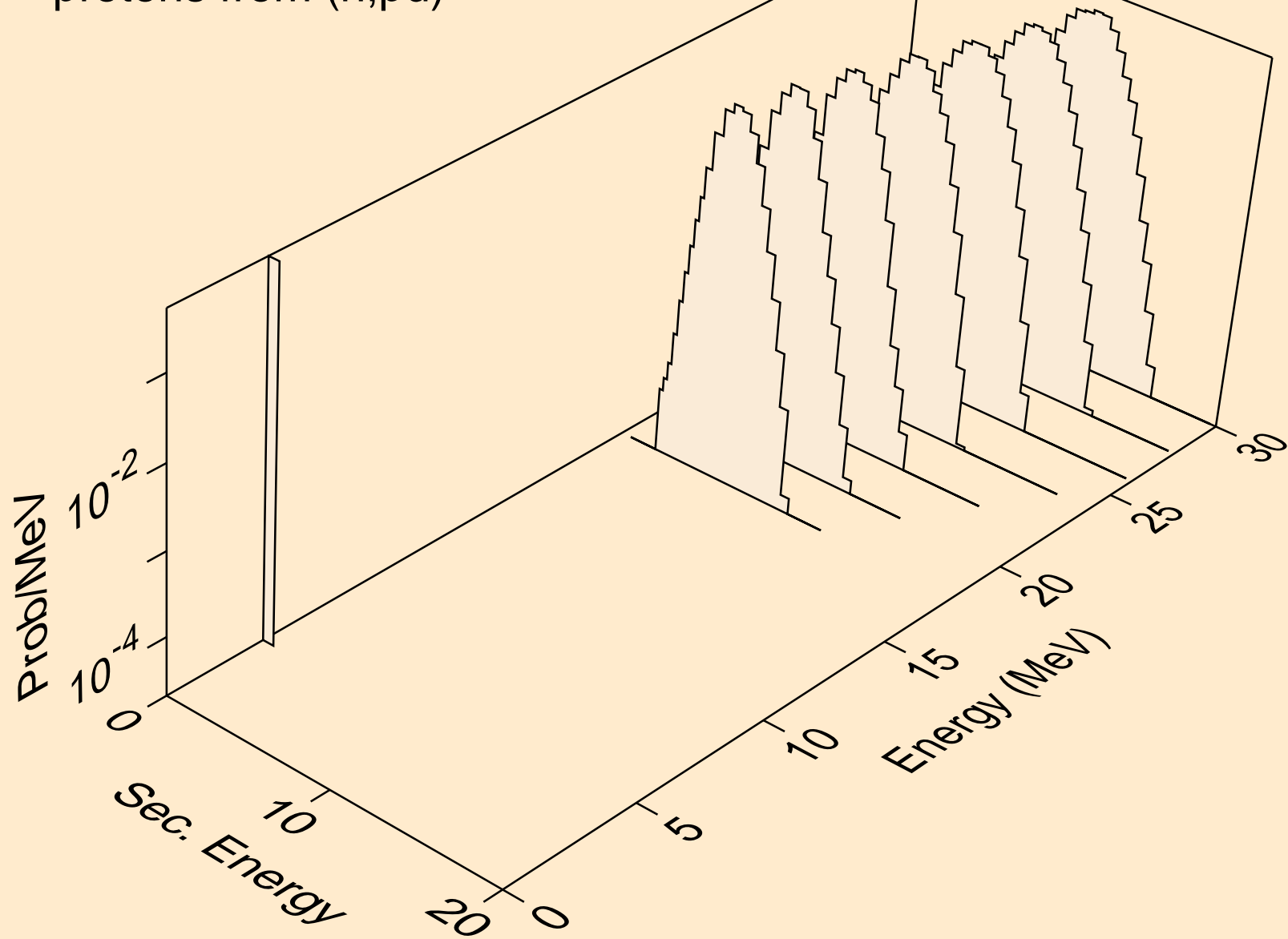
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protons from (n,2p)



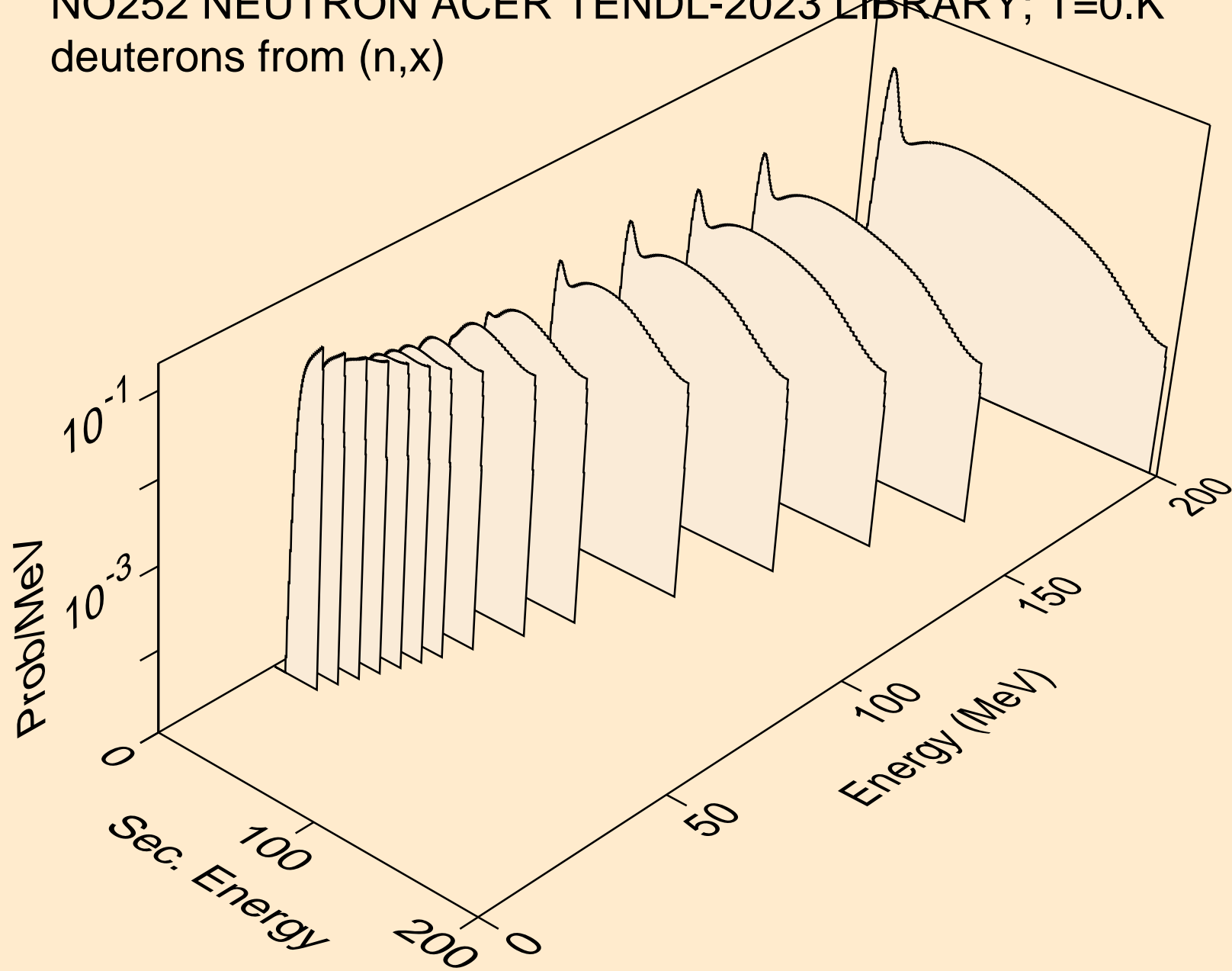
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protons from (n,p)



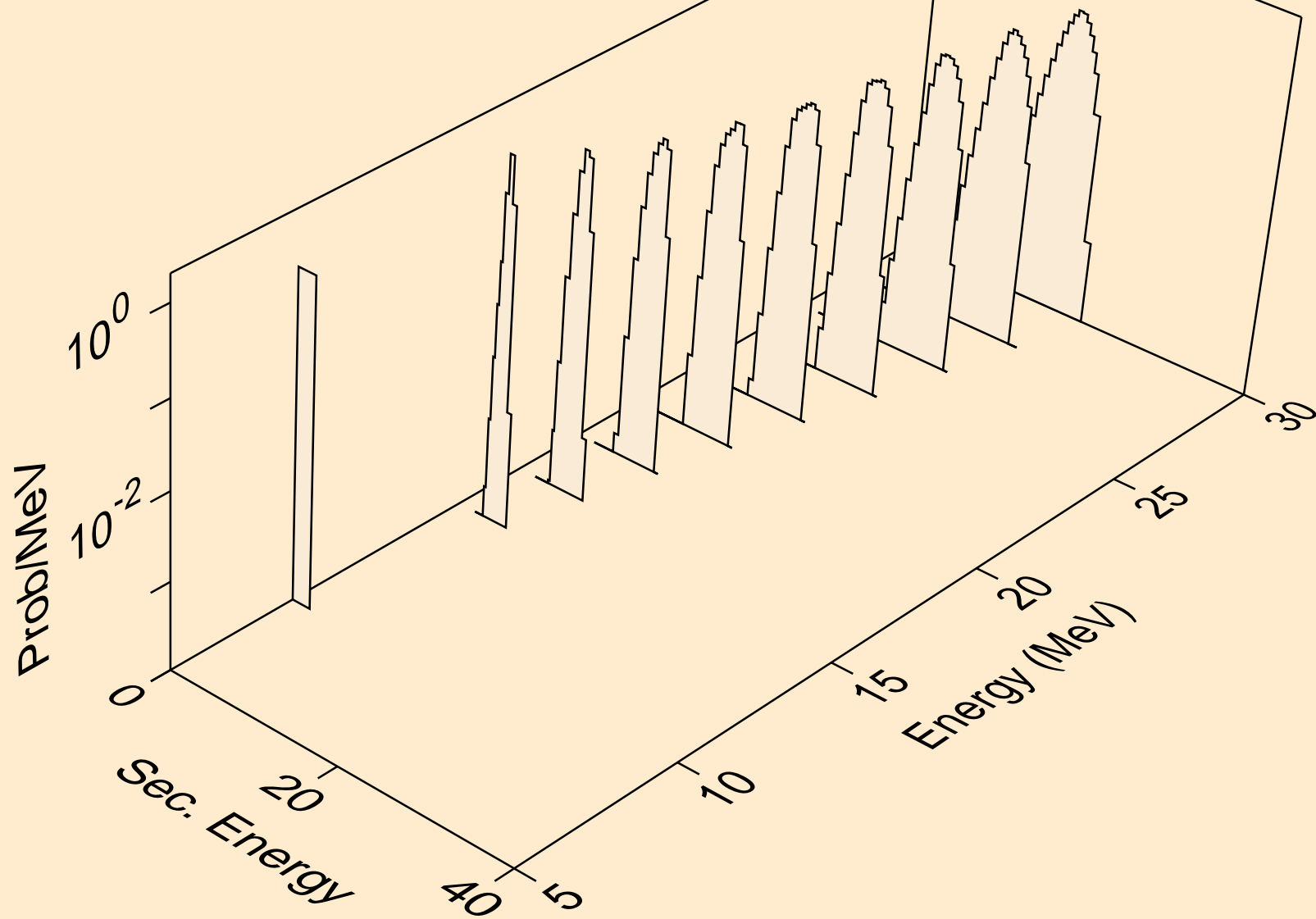
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protons from (n,pd)



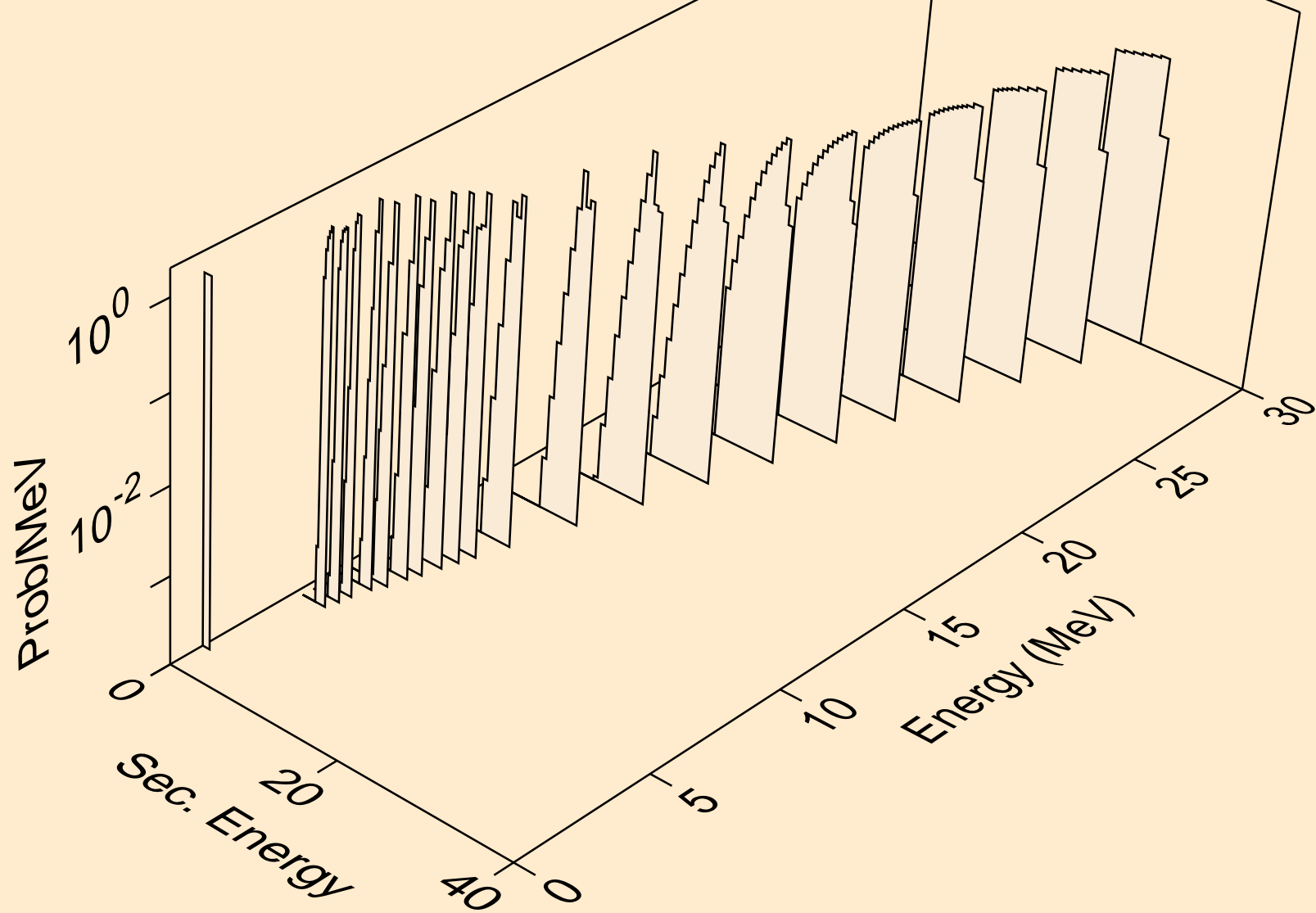
NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d

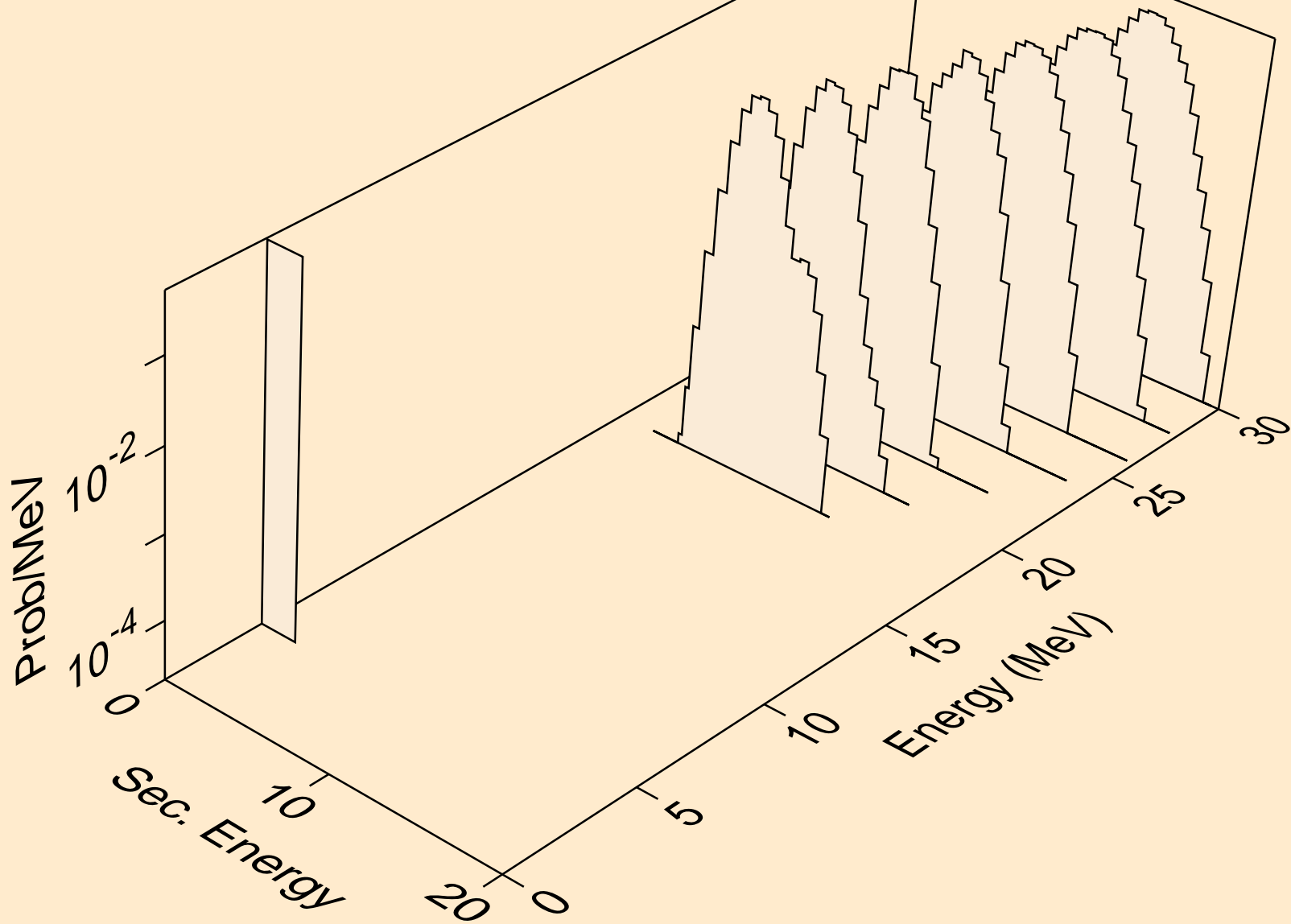


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deuterons from (n,d)

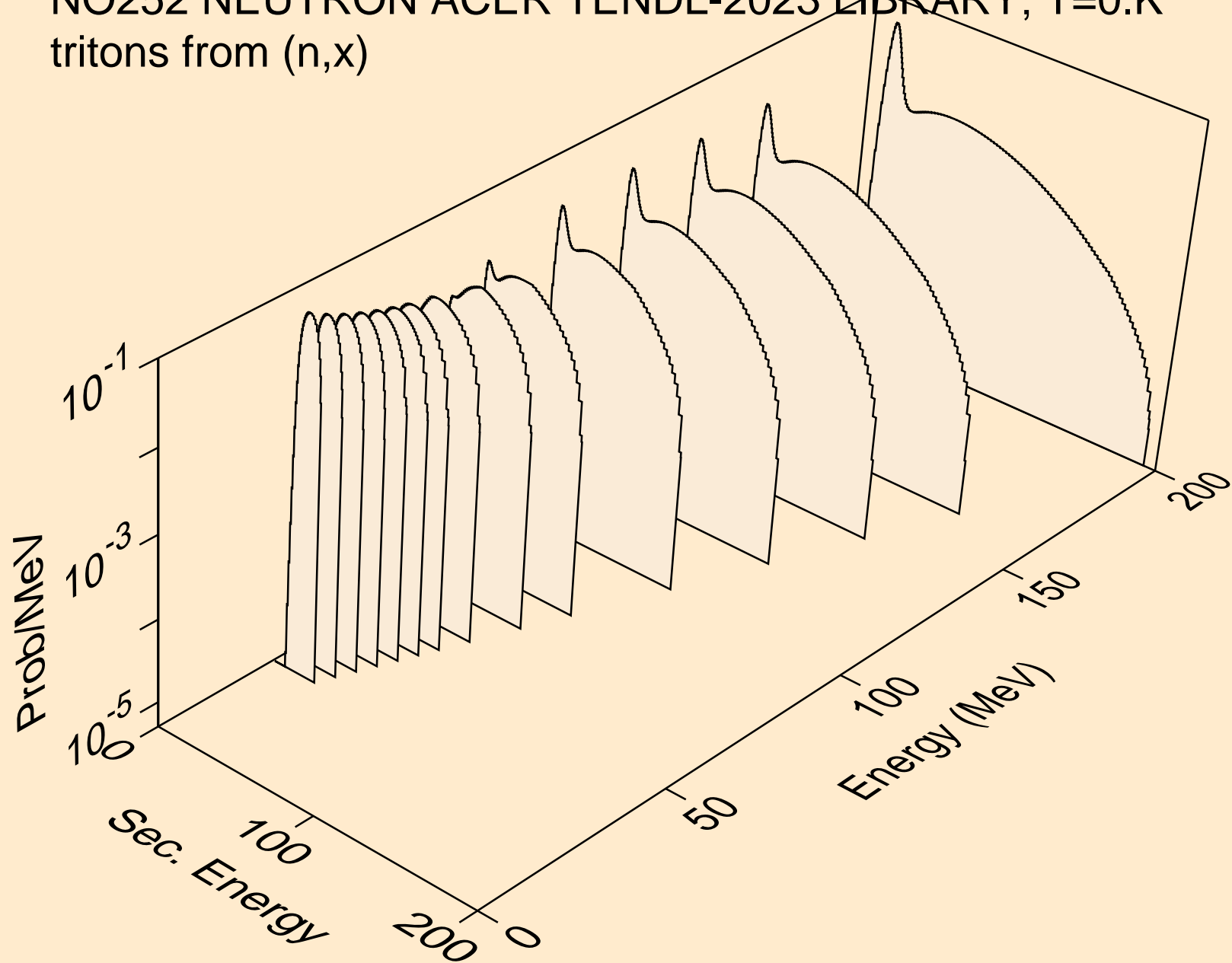




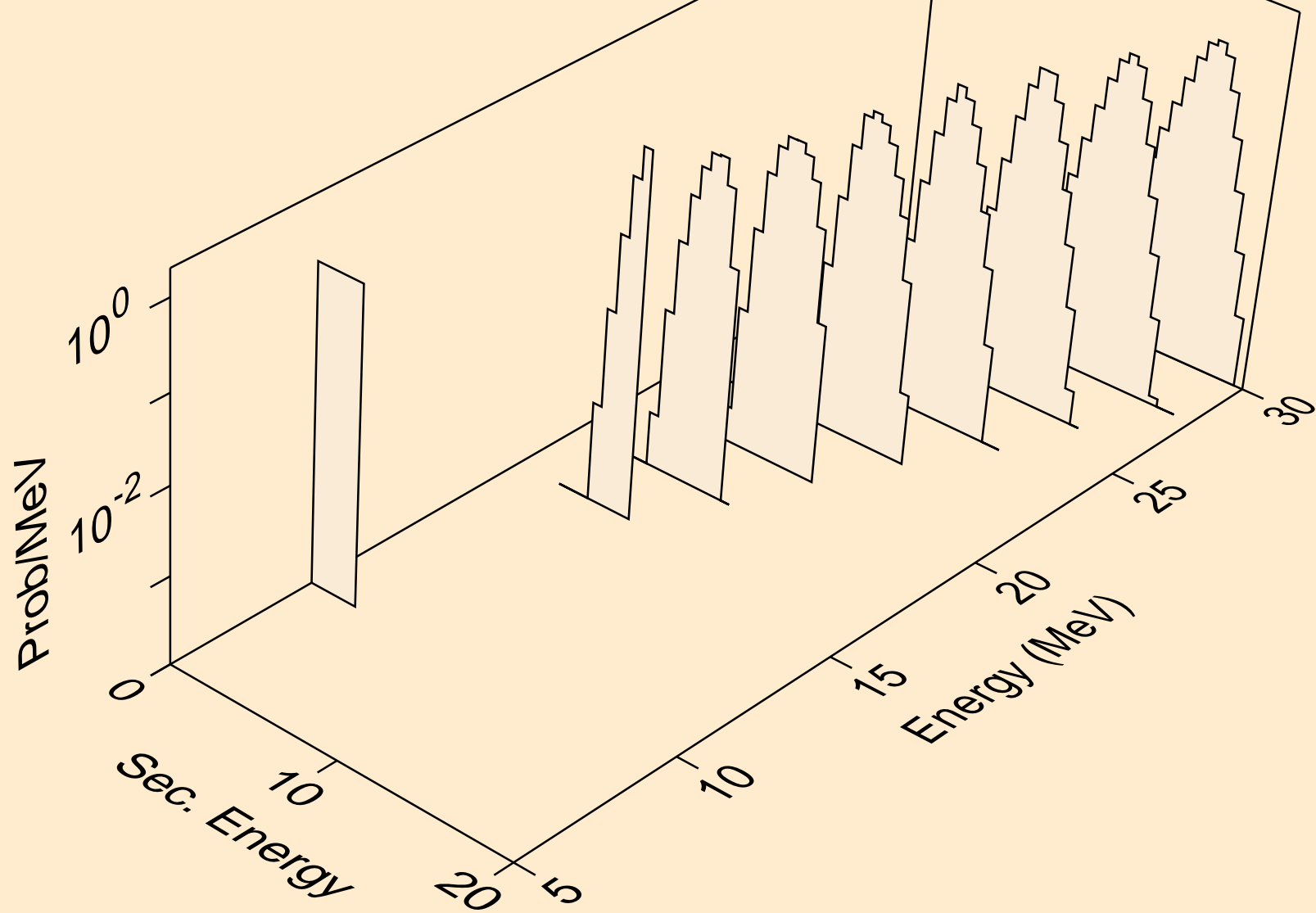
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deuterons from (n,pd)



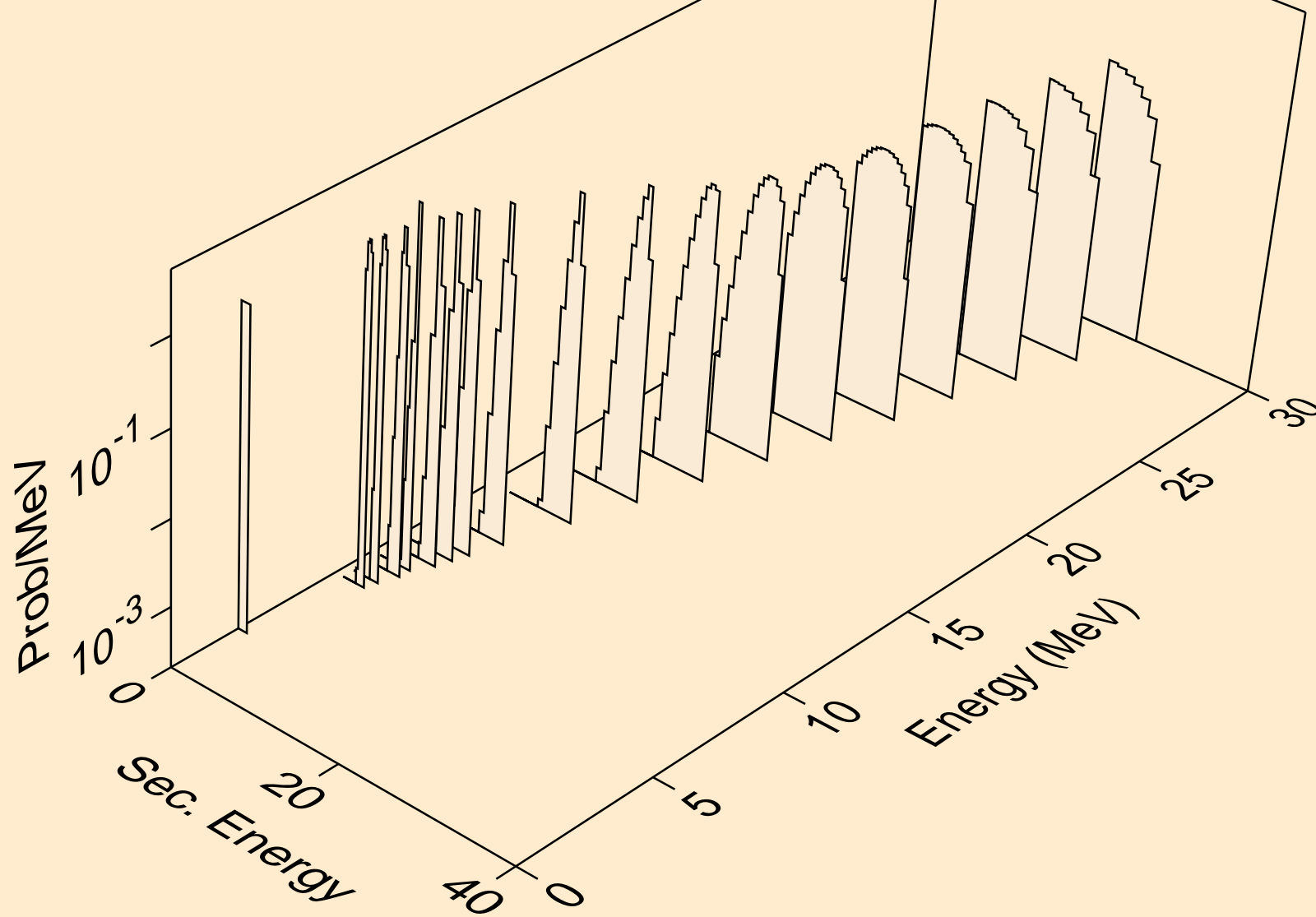
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tritons from (n,x)



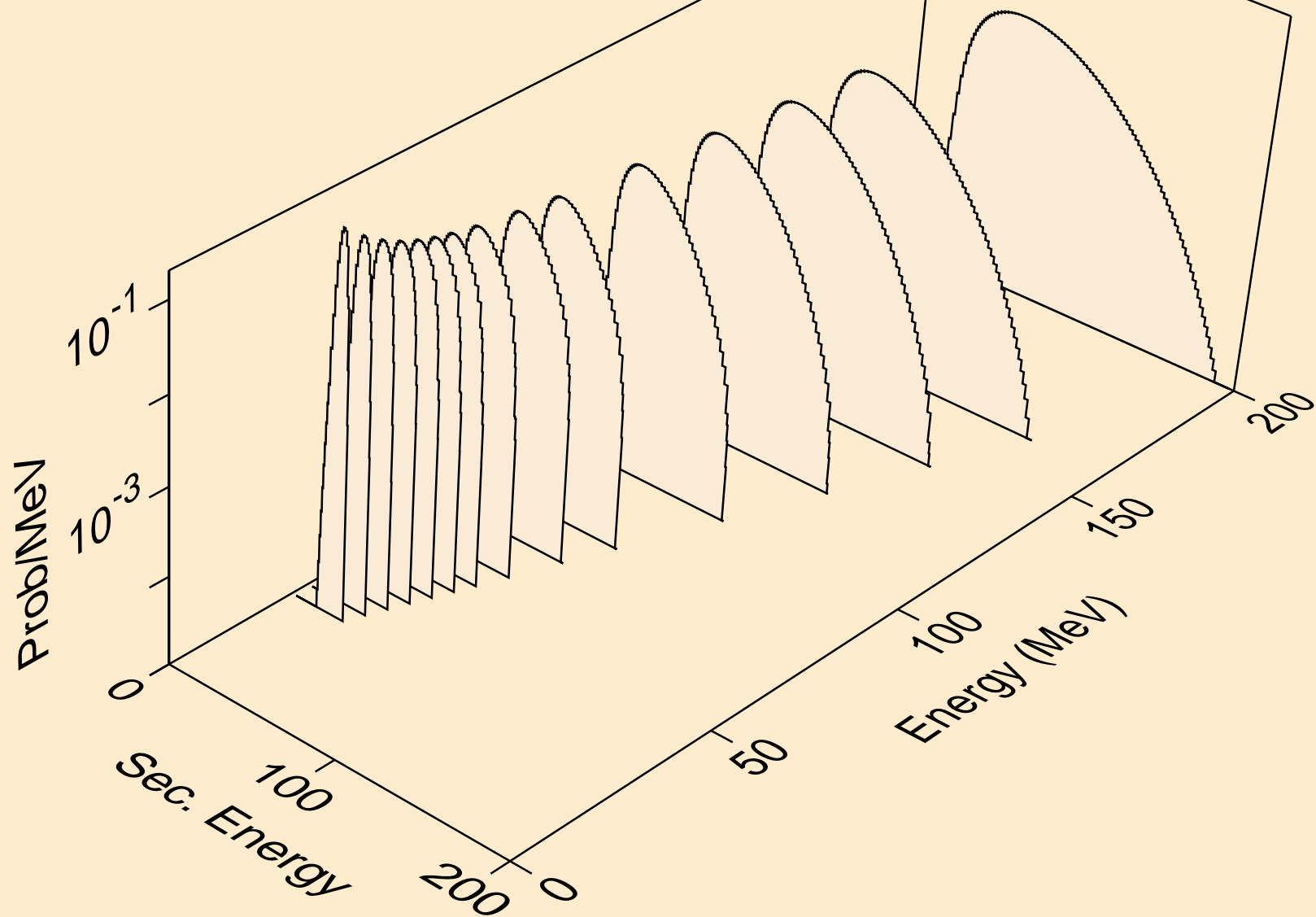
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tritons from (n,n\*)t



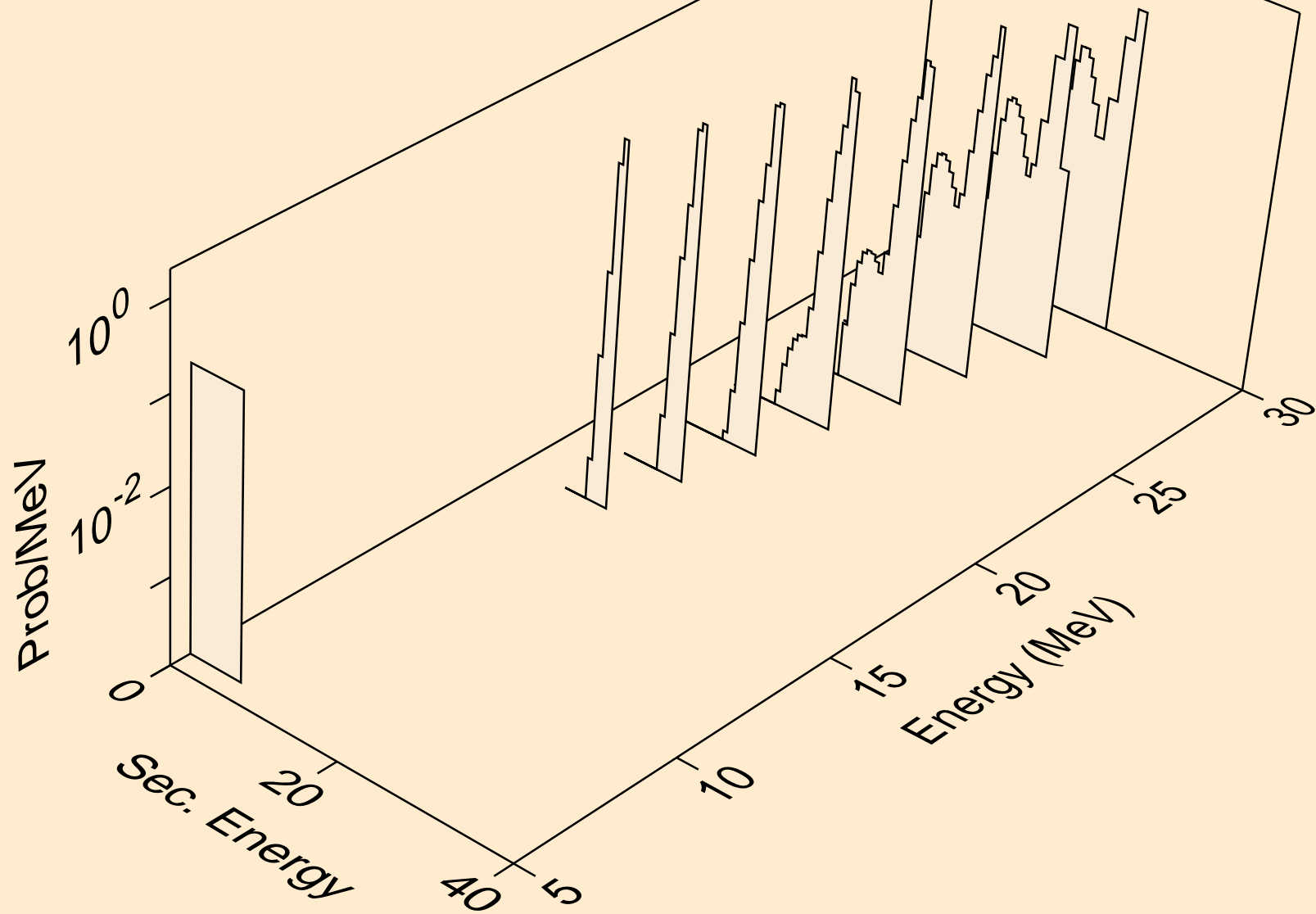
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tritons from (n,t)



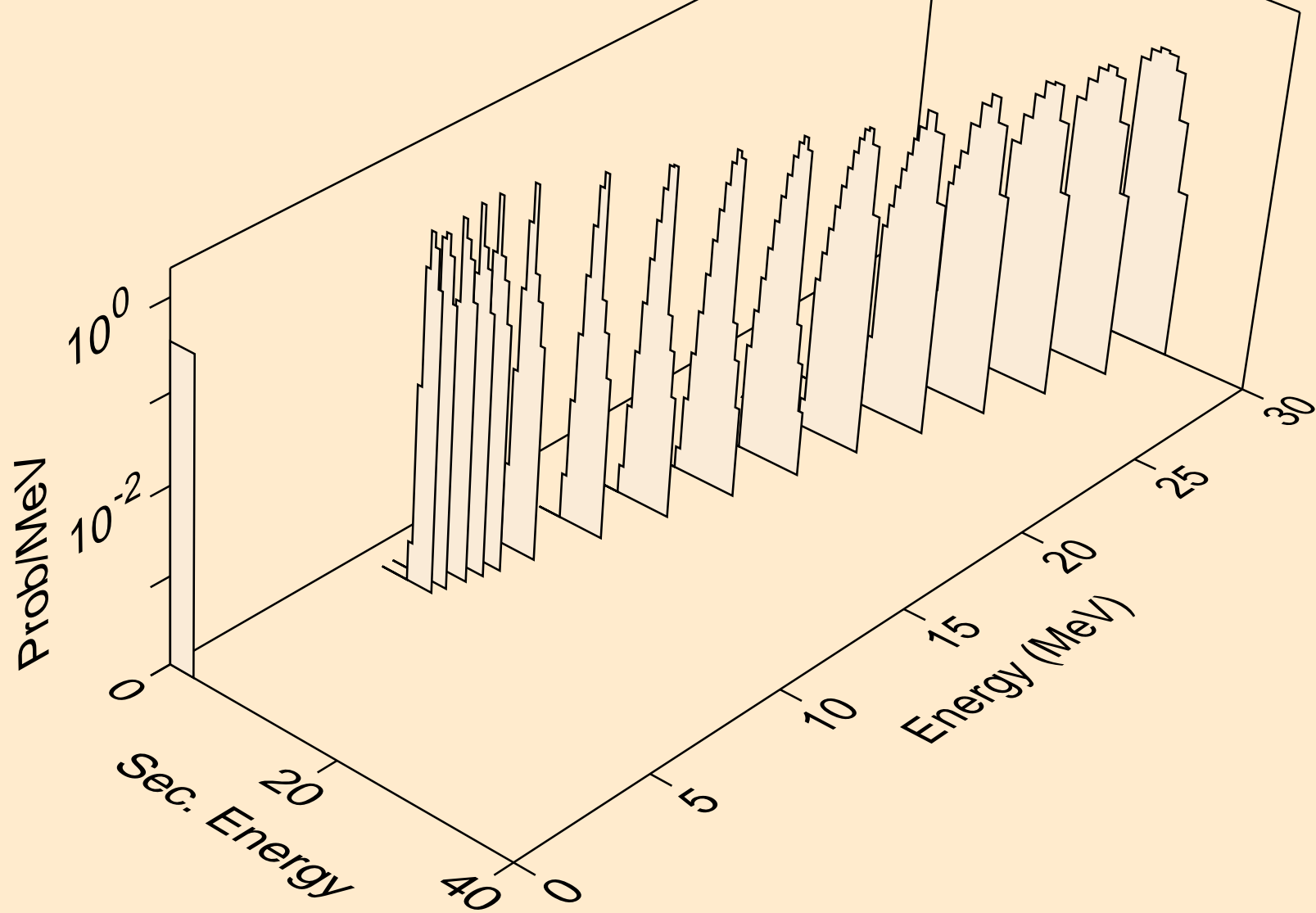
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he3s from (n,x)



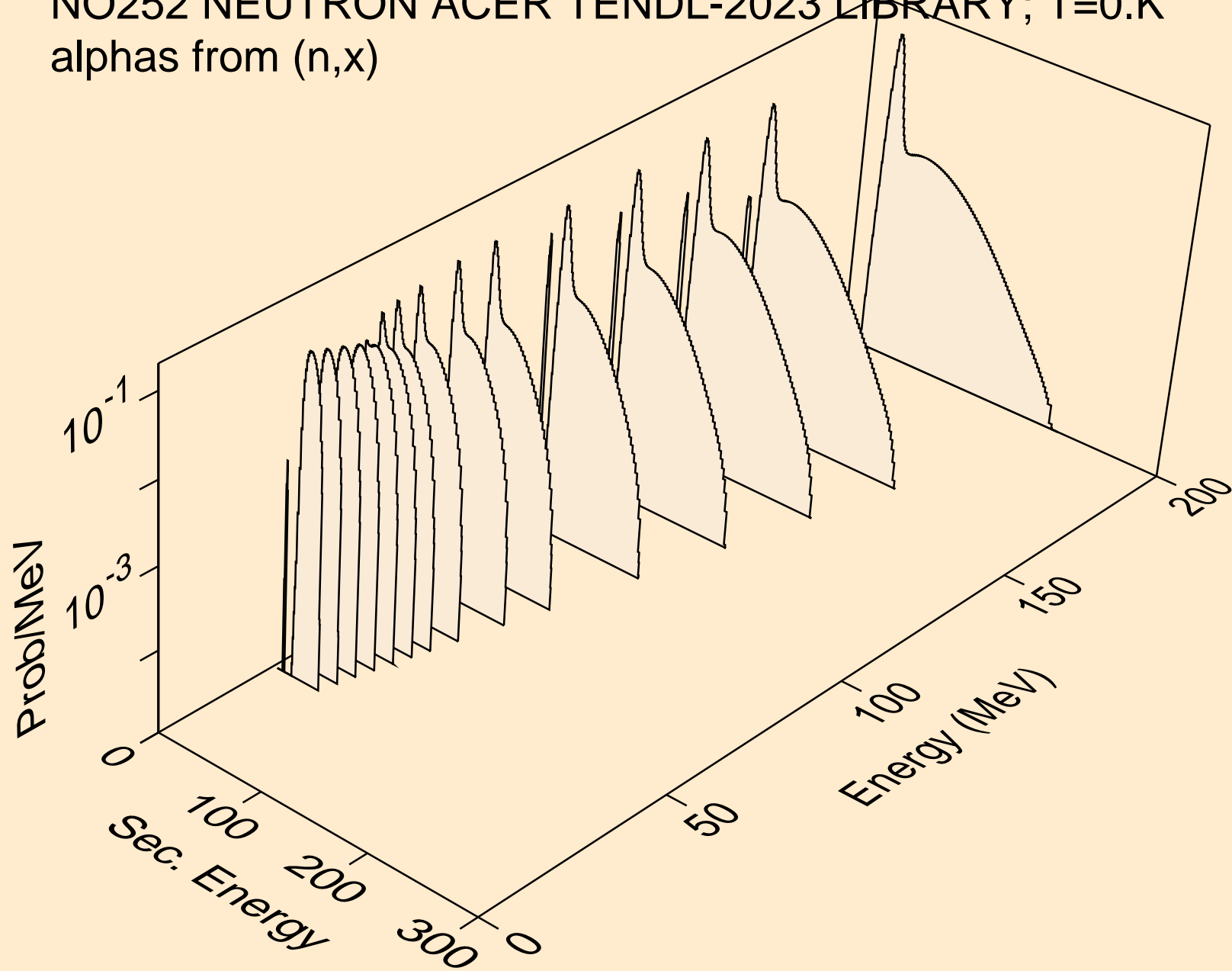
NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)

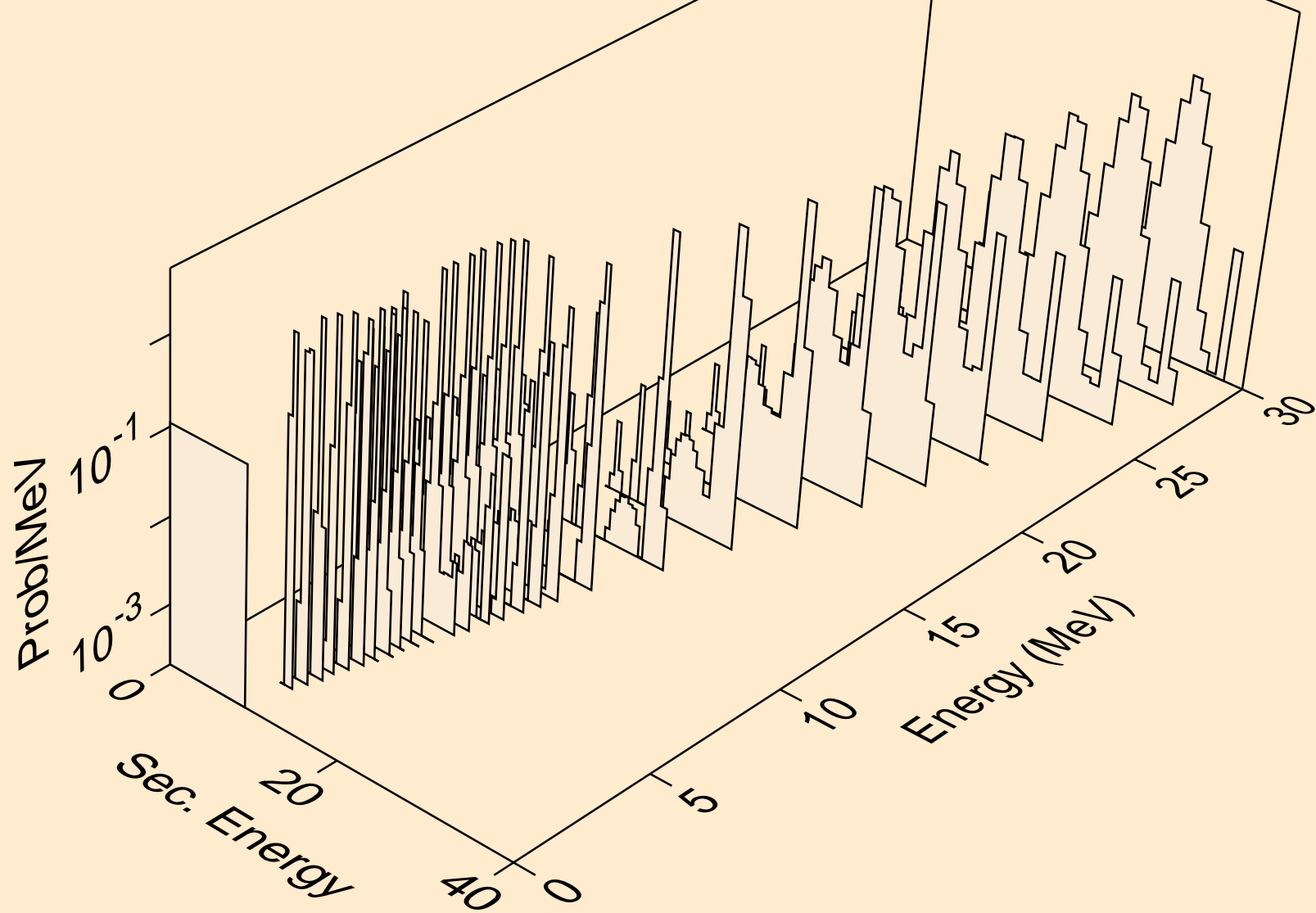


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alphas from (n,x)

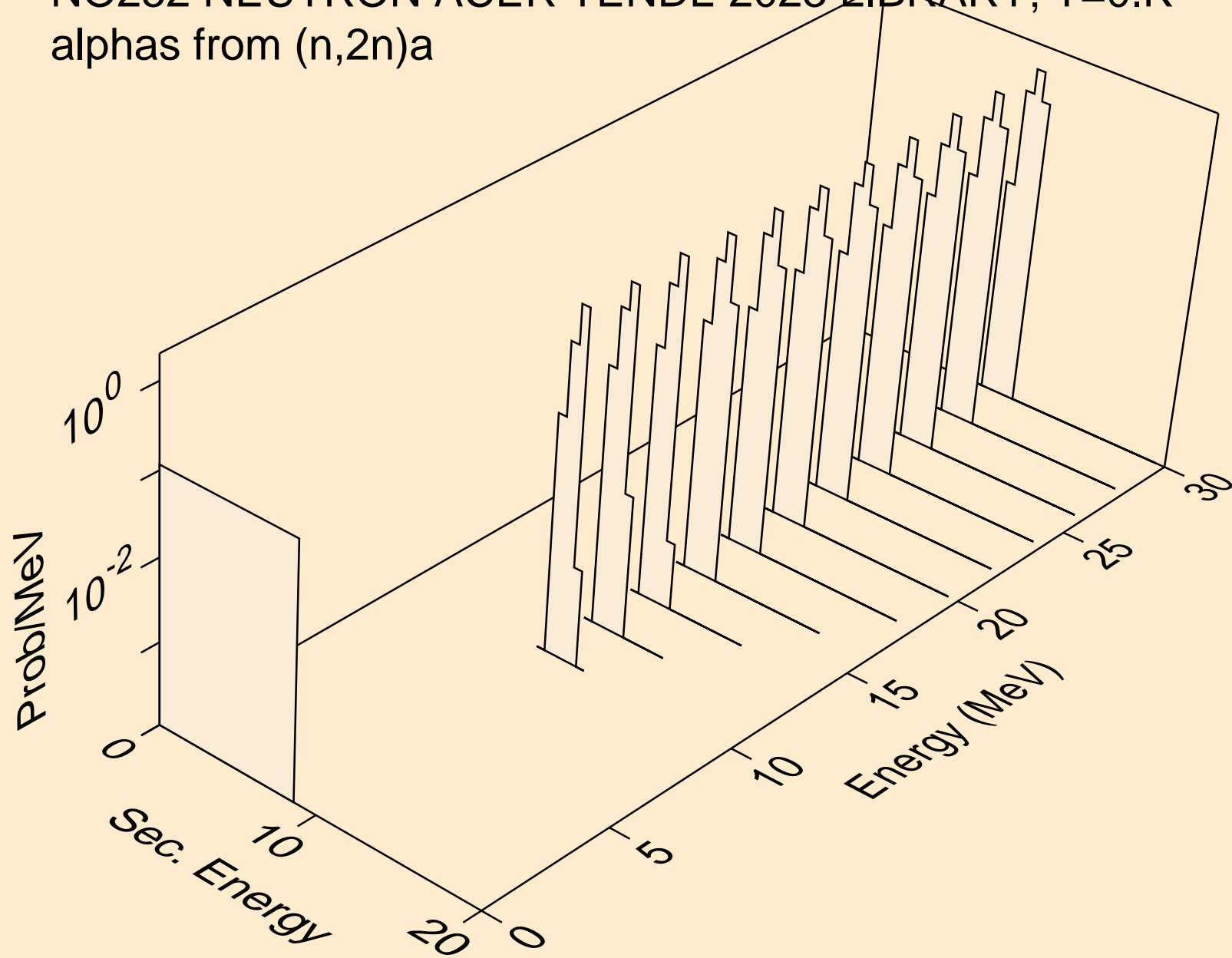




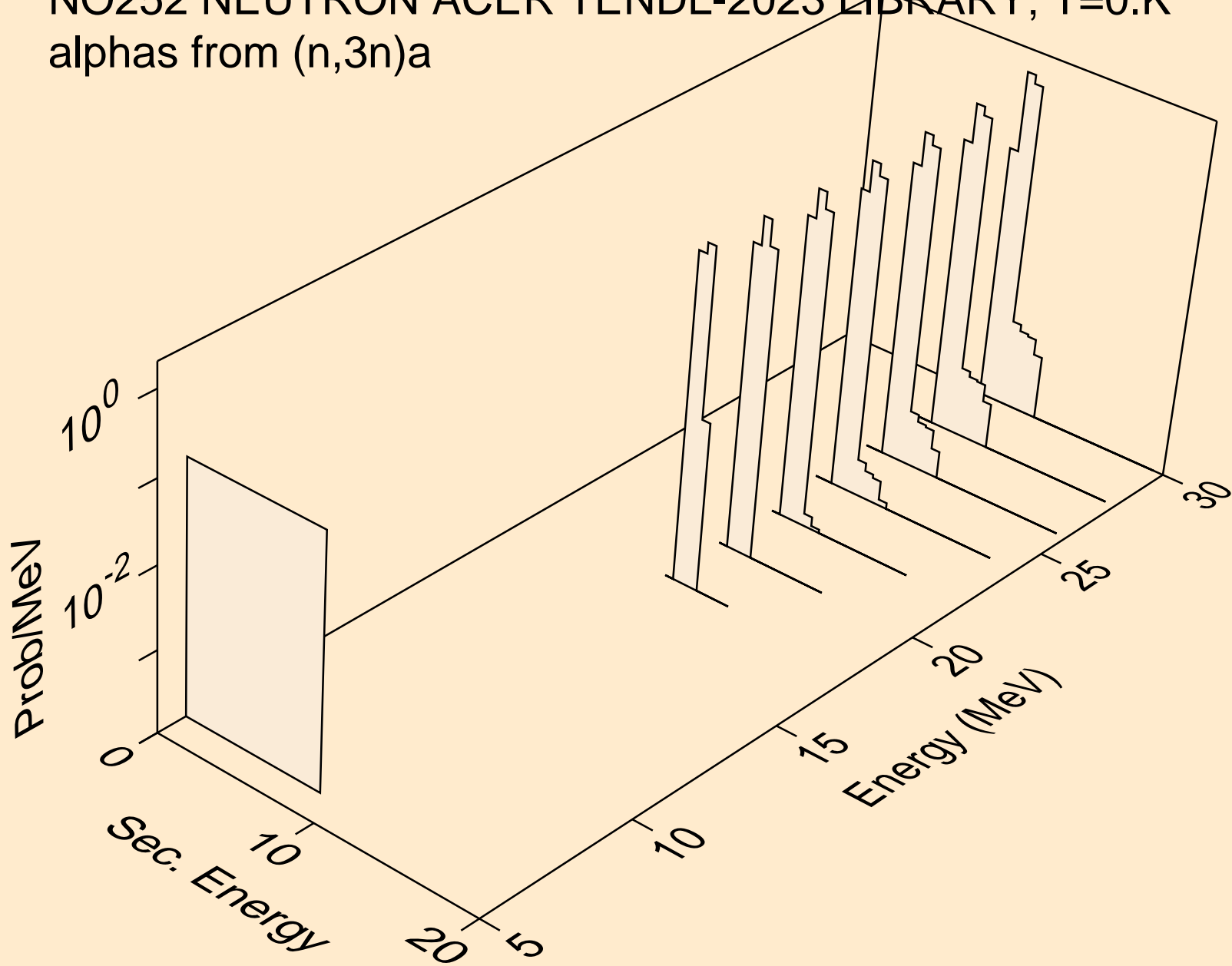
NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



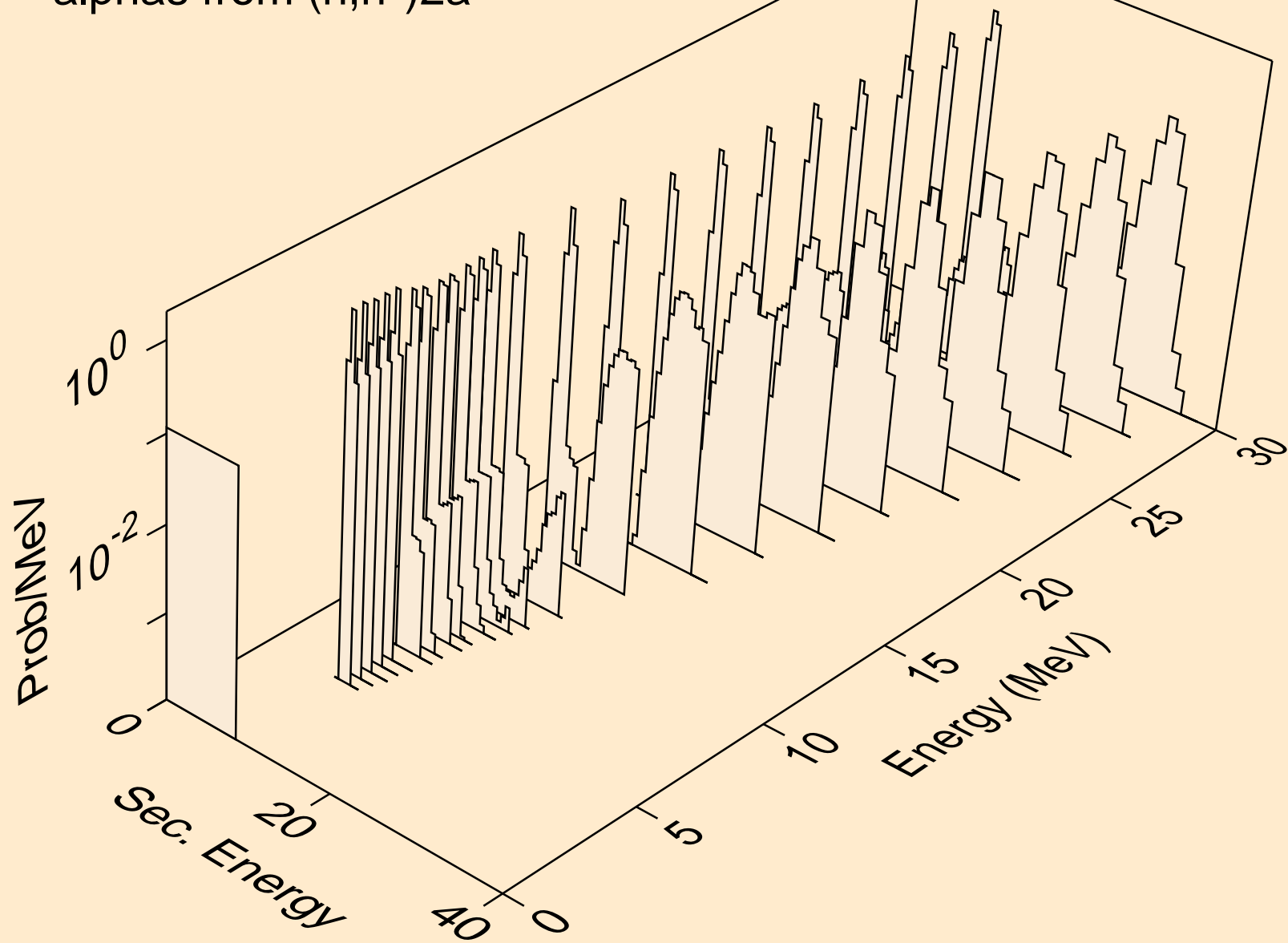
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alphas from (n,2n)a



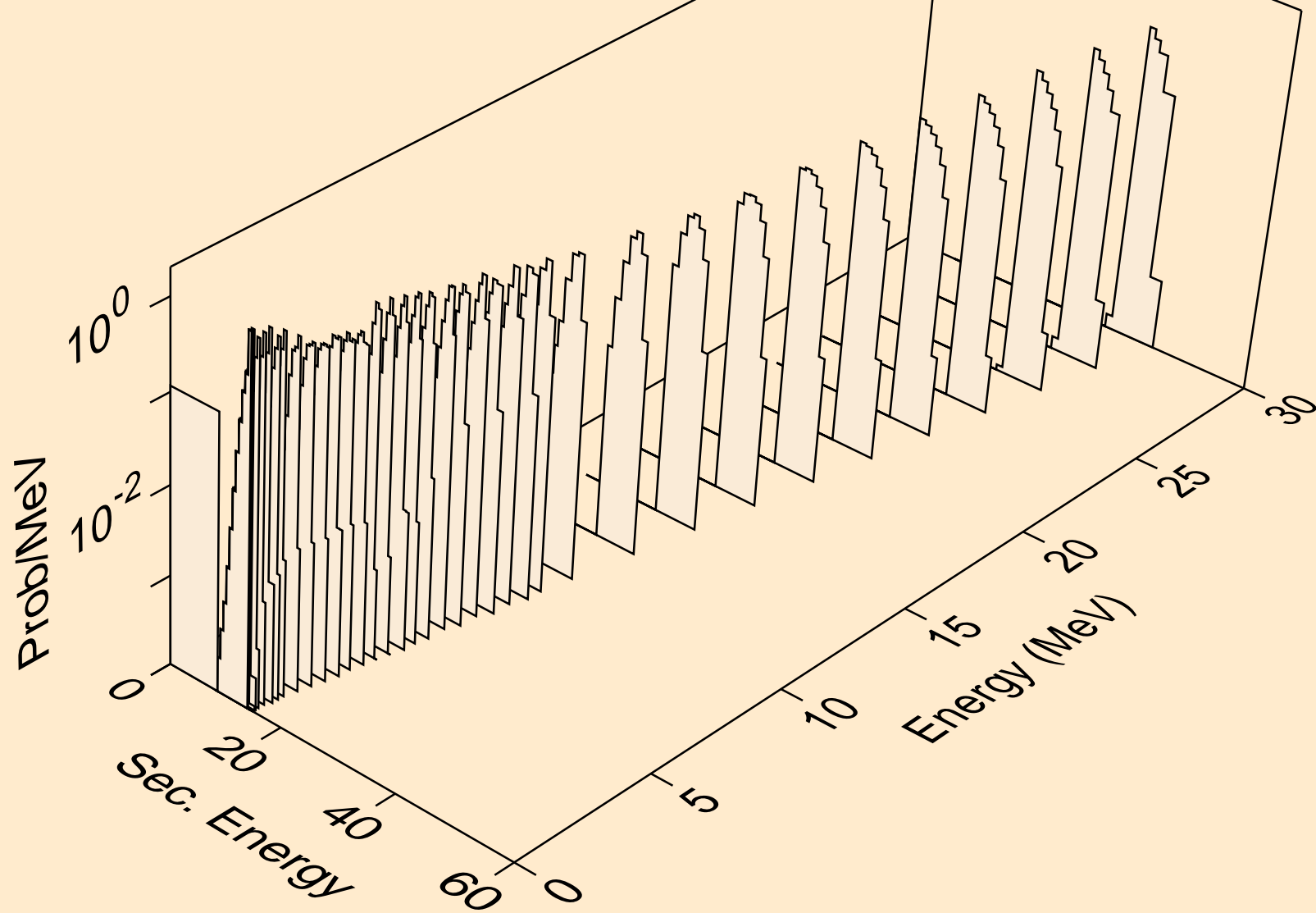
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alphas from (n,3n)a



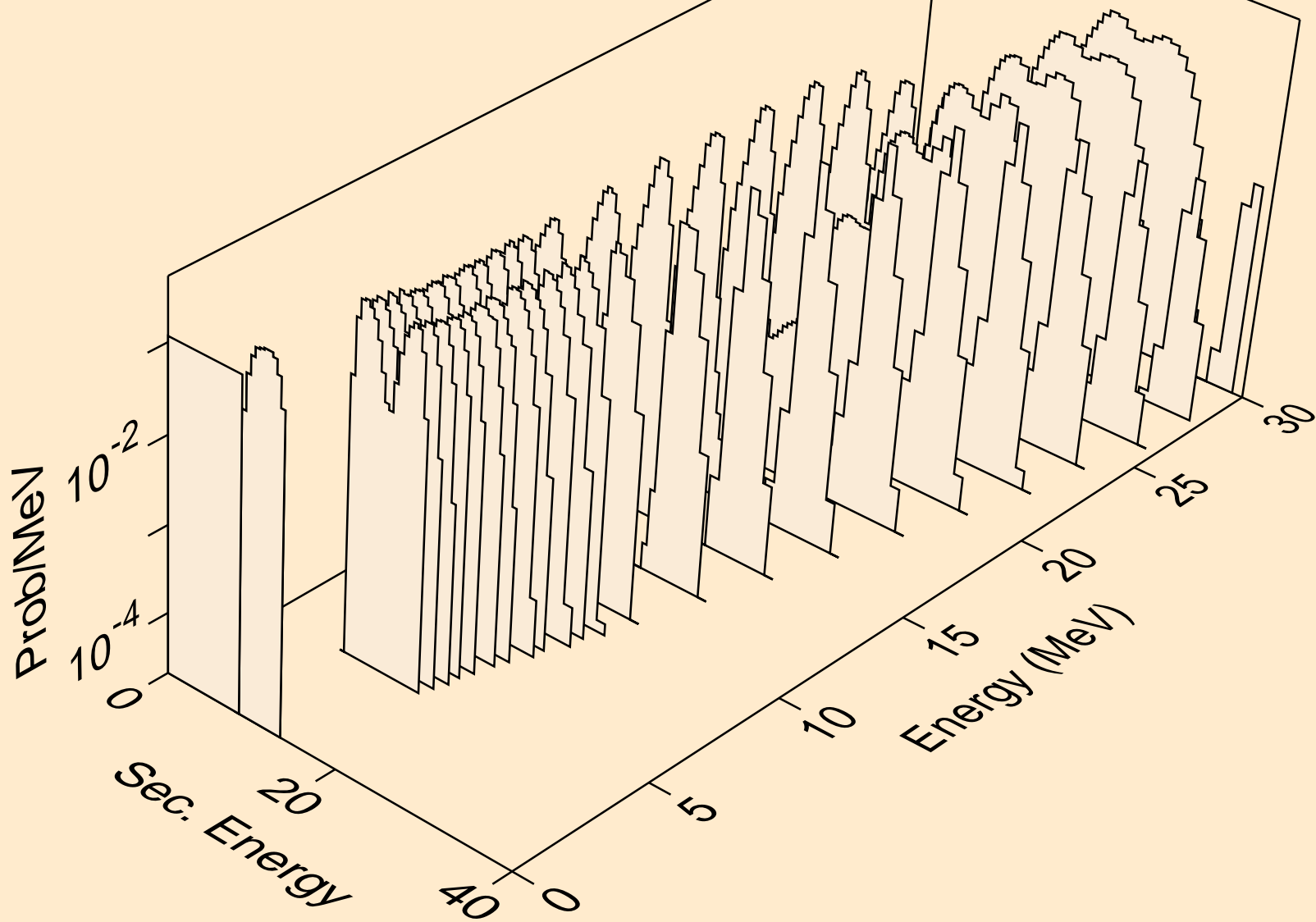
NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a



NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



NO252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)

