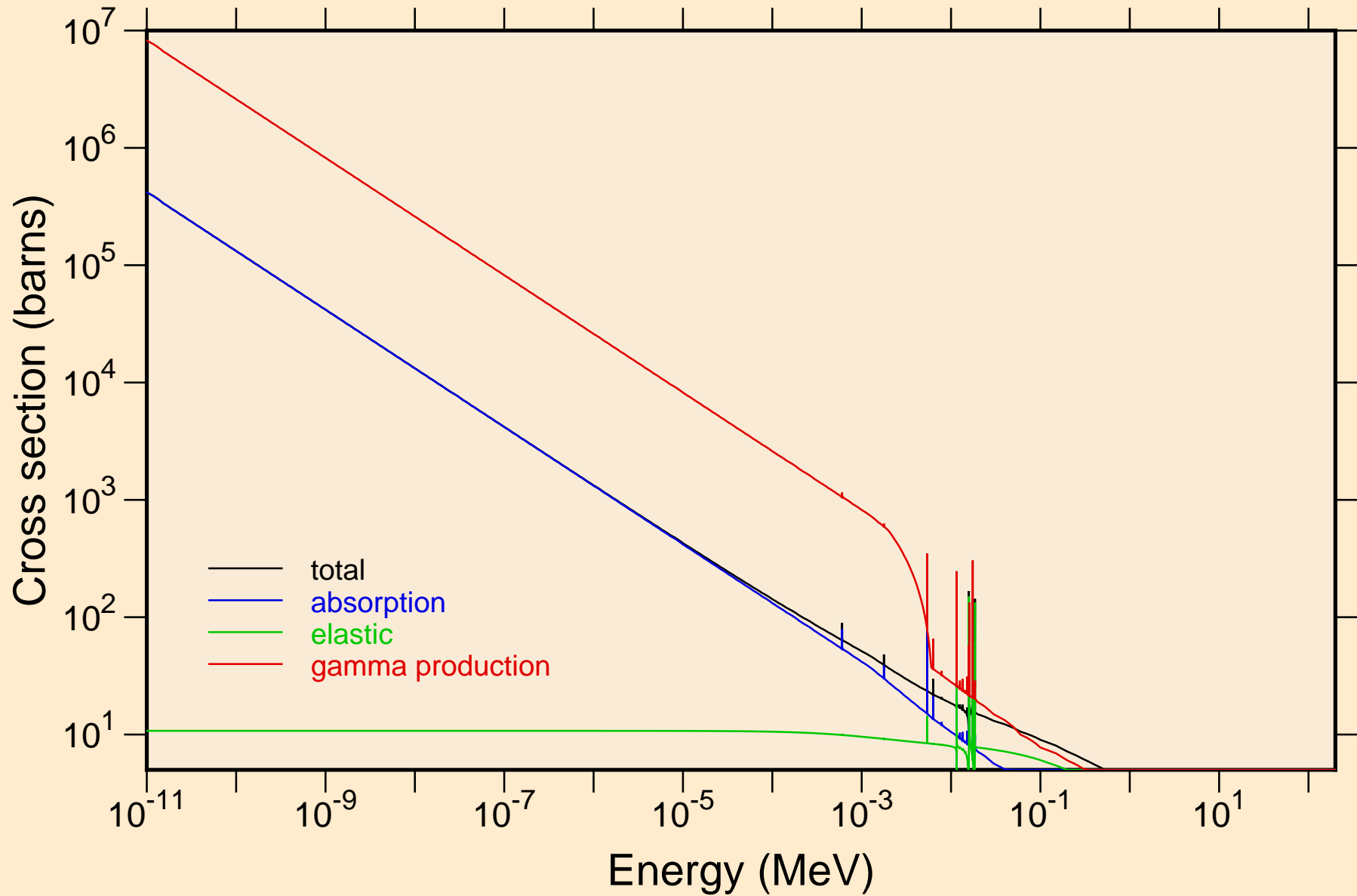
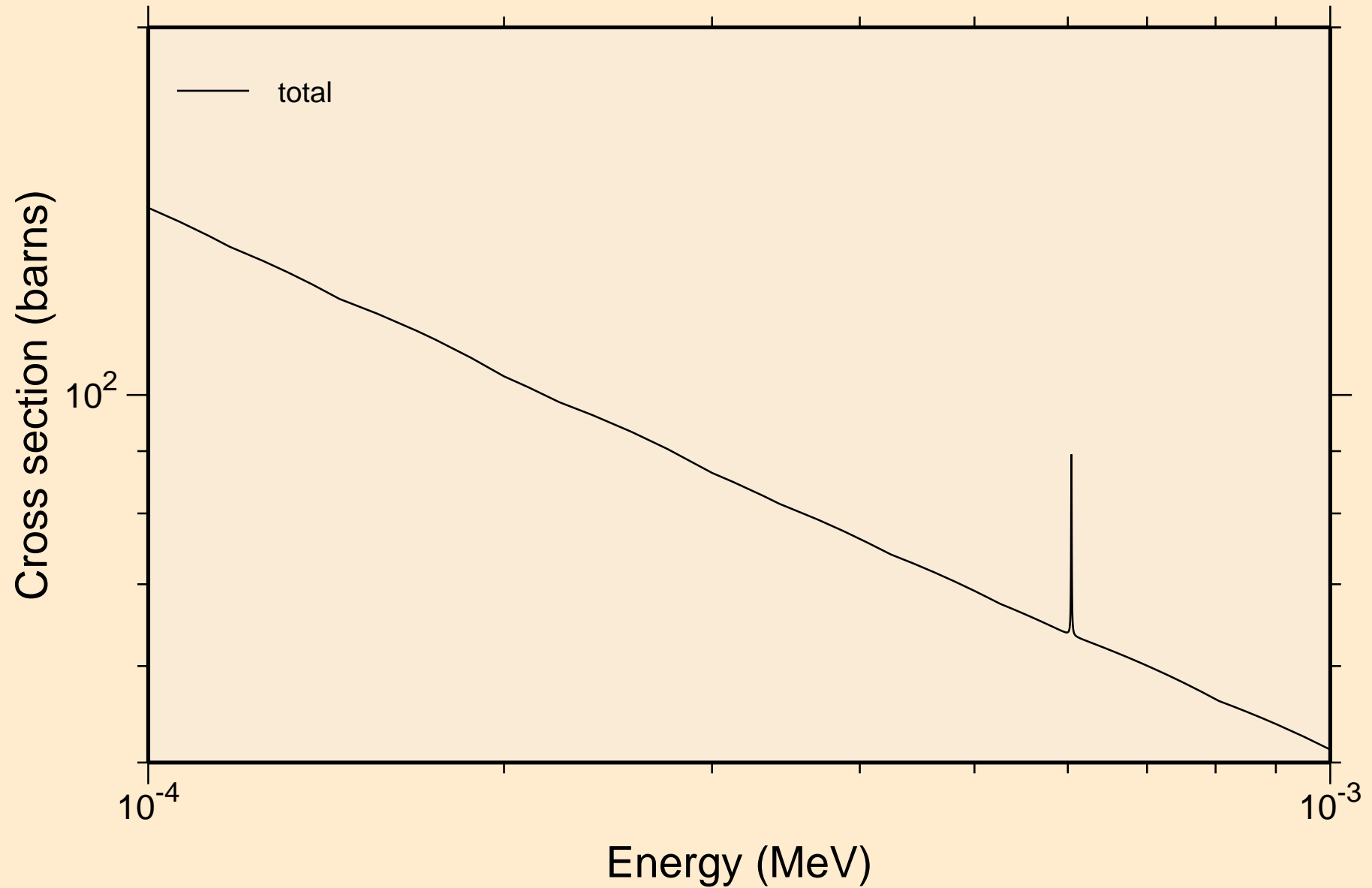


# ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

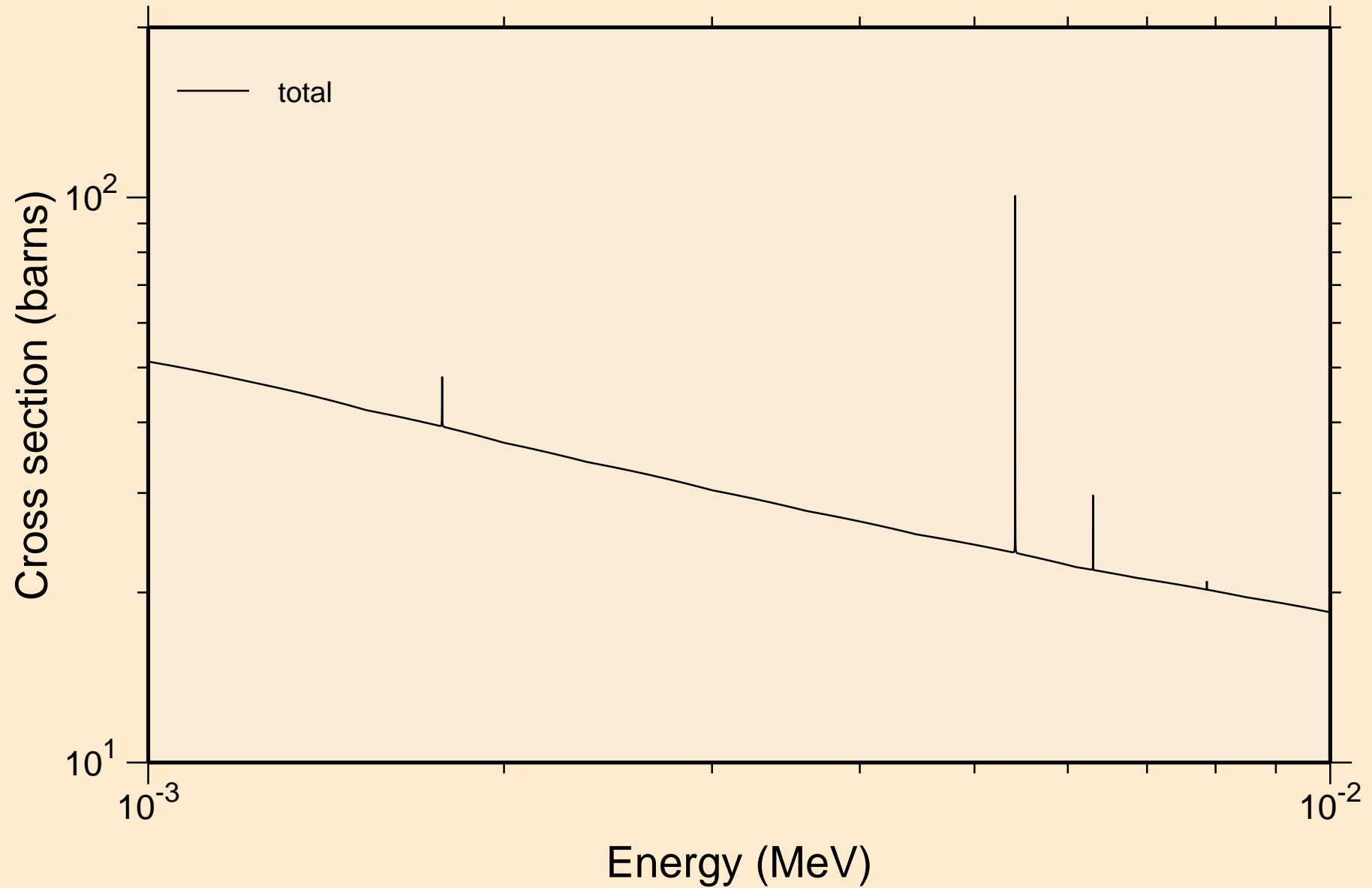
## Principal cross sections



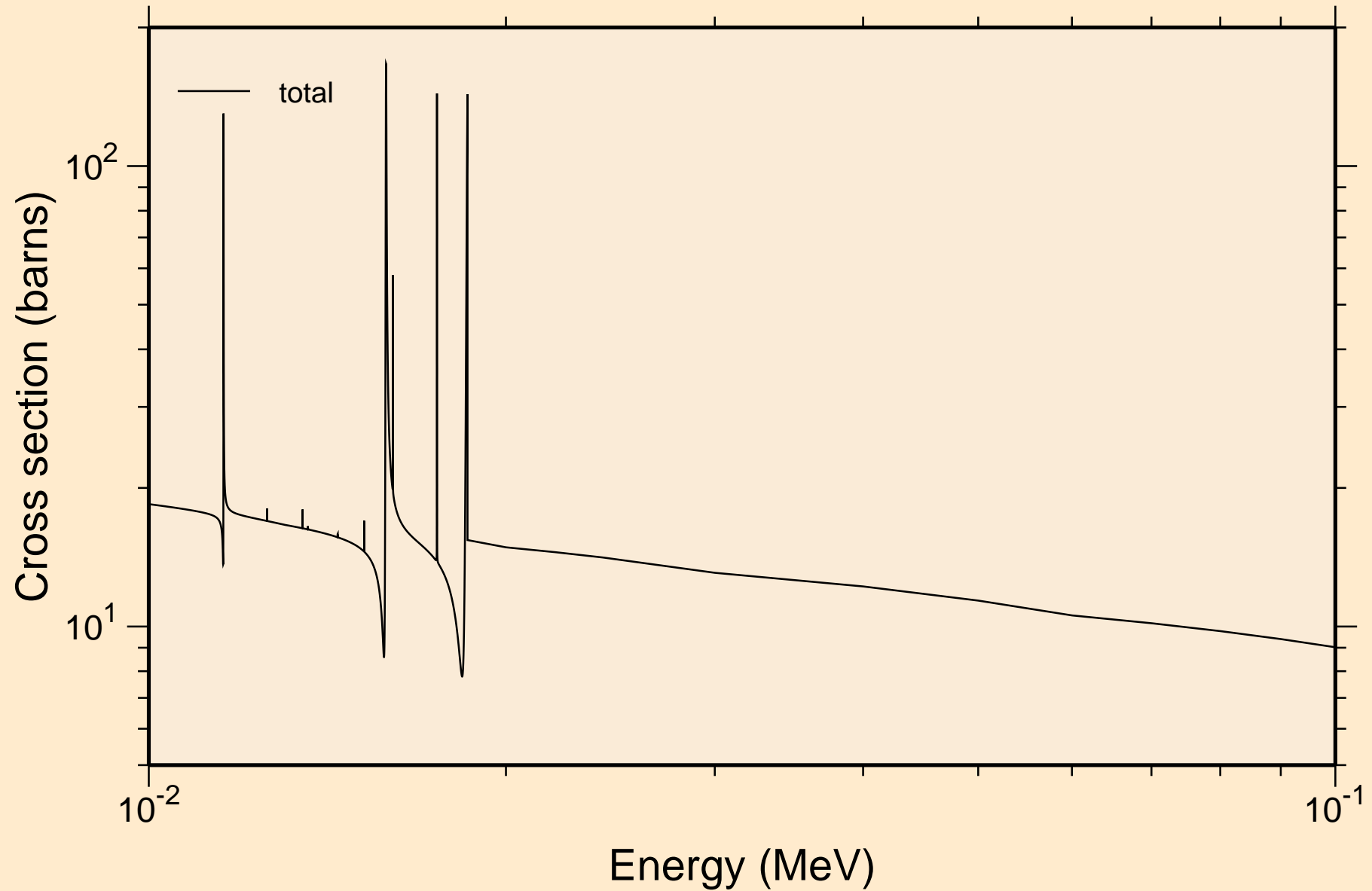
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resonance total cross section



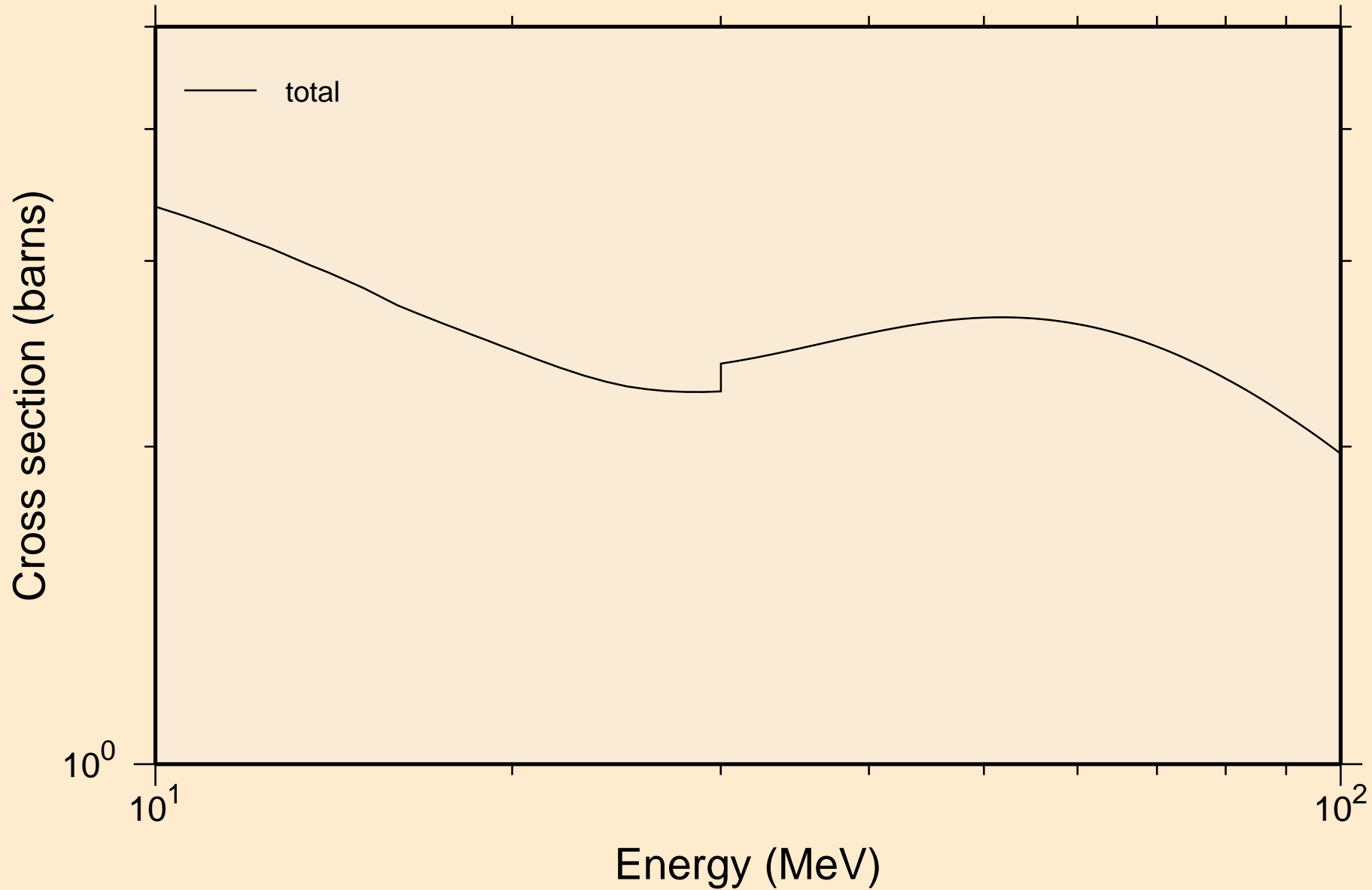
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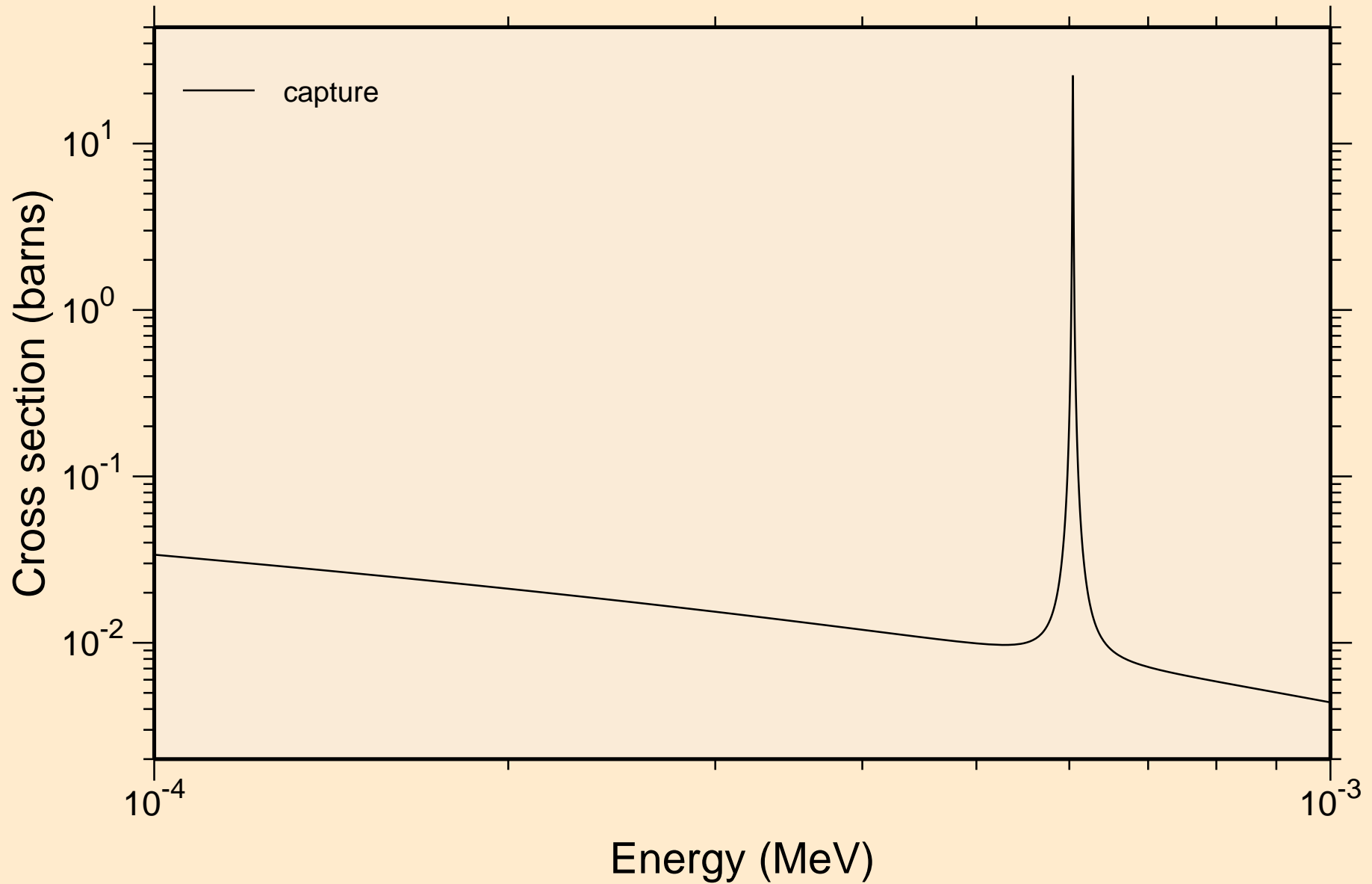
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resonance total cross section



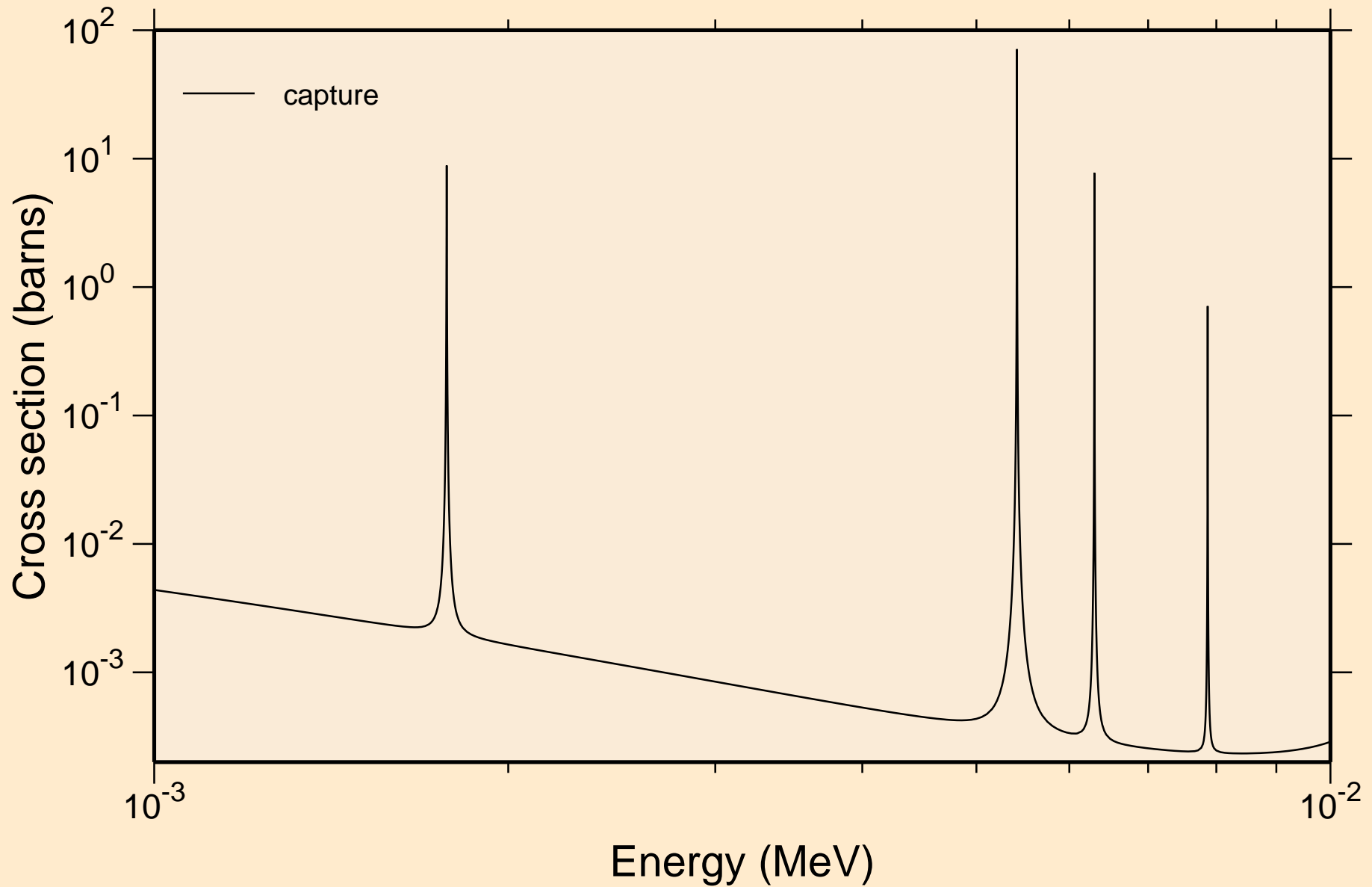
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resonance total cross section



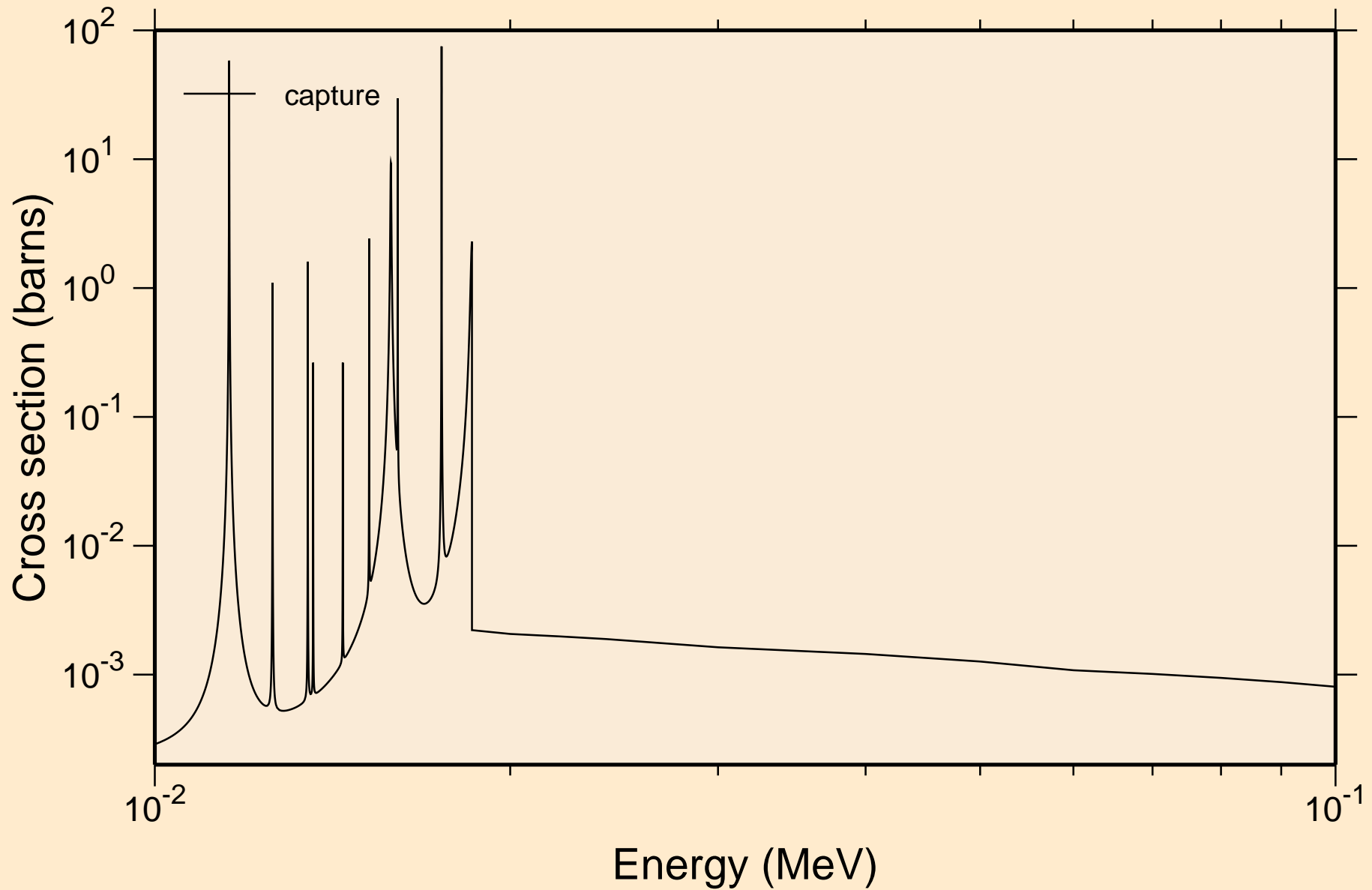
ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

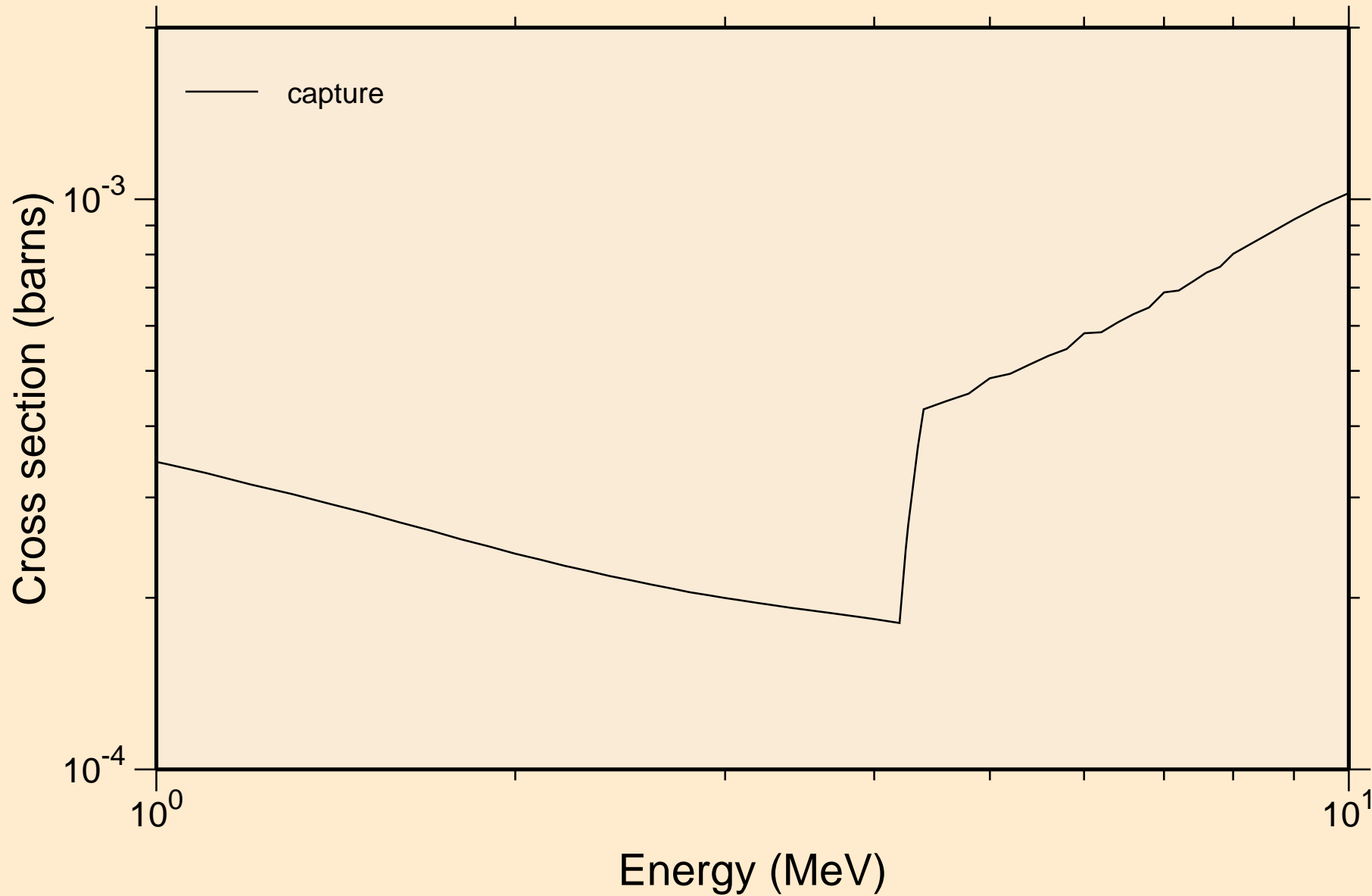


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resonance absorption cross sections



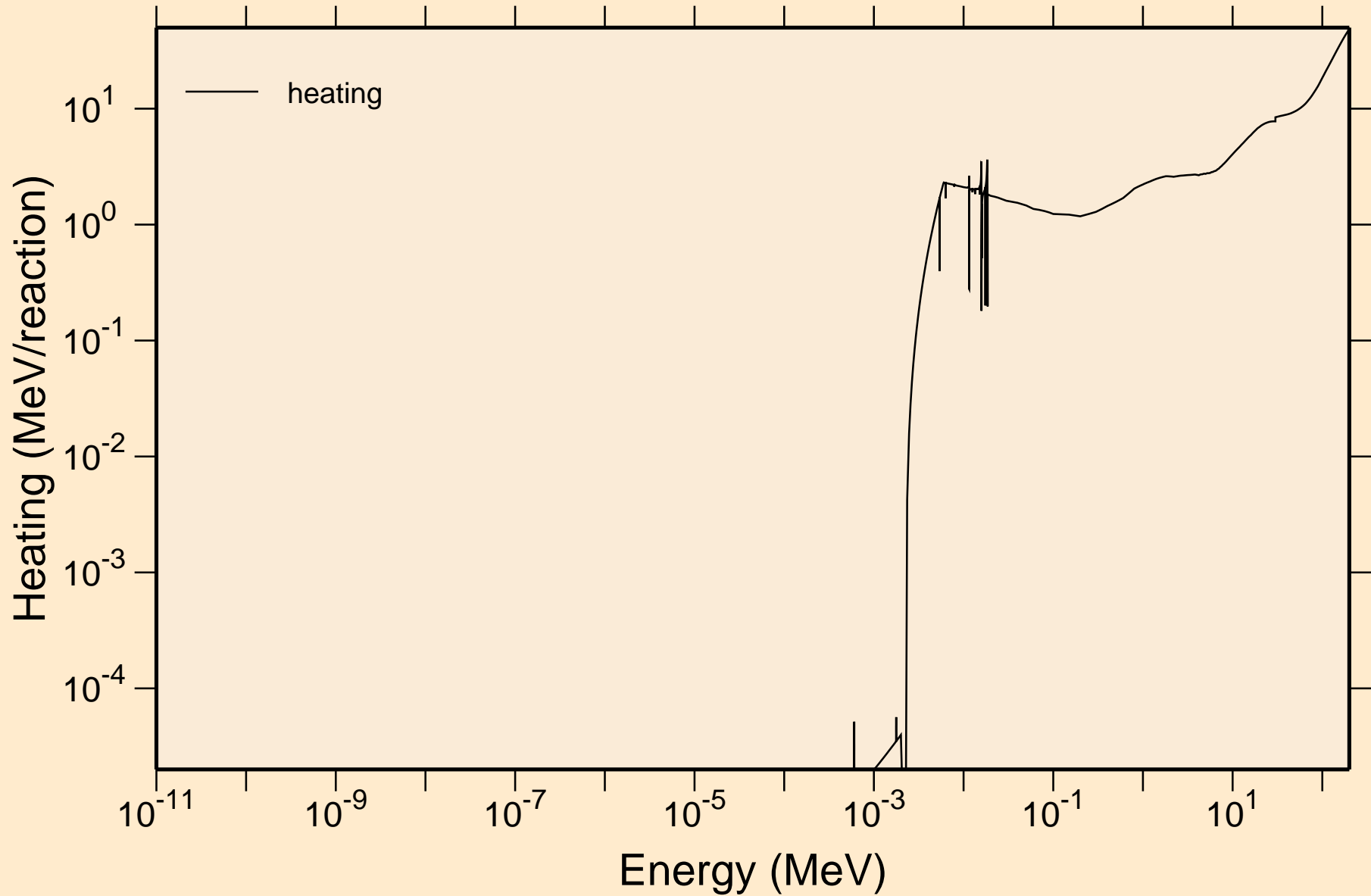


ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



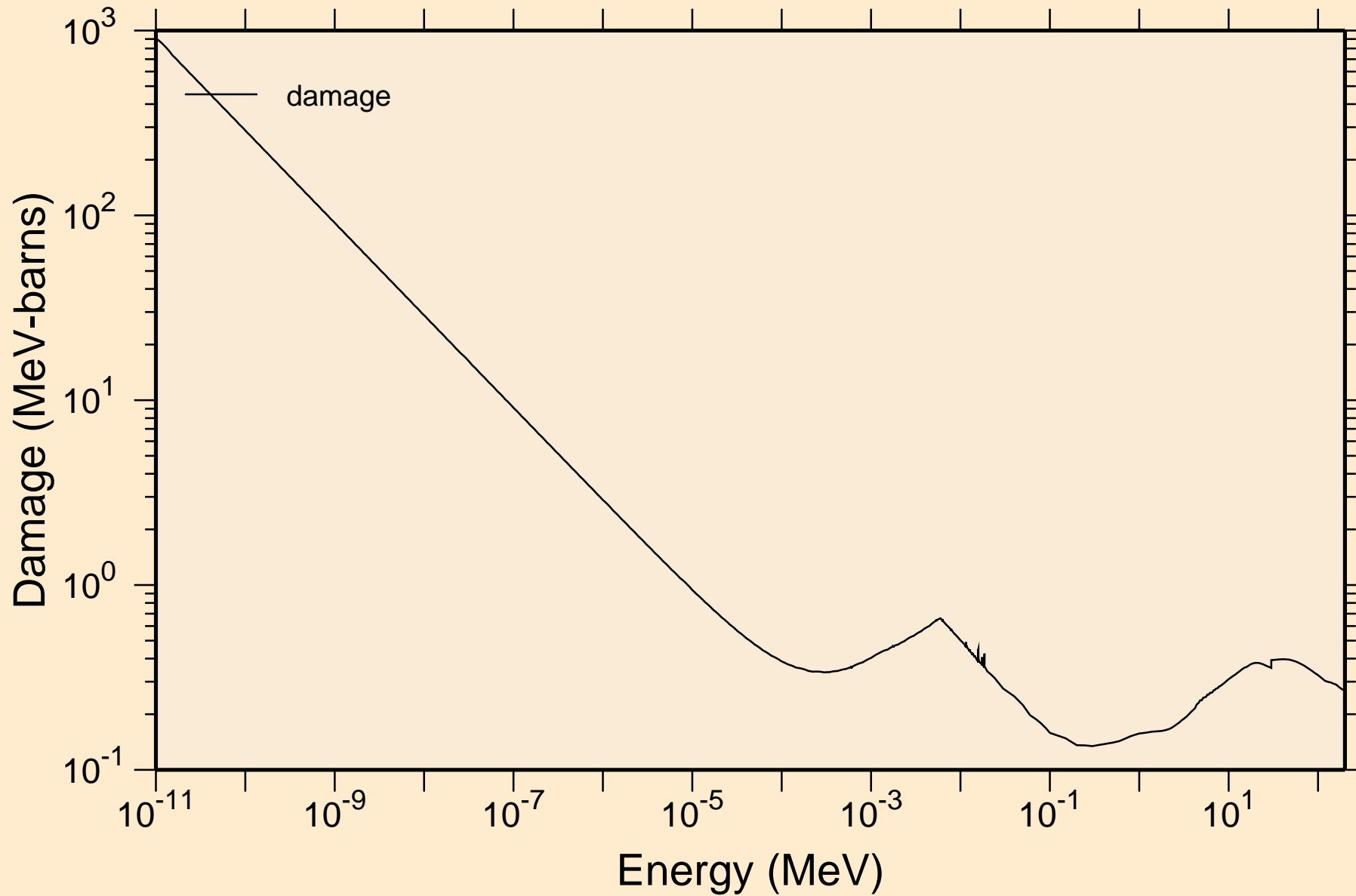
# ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



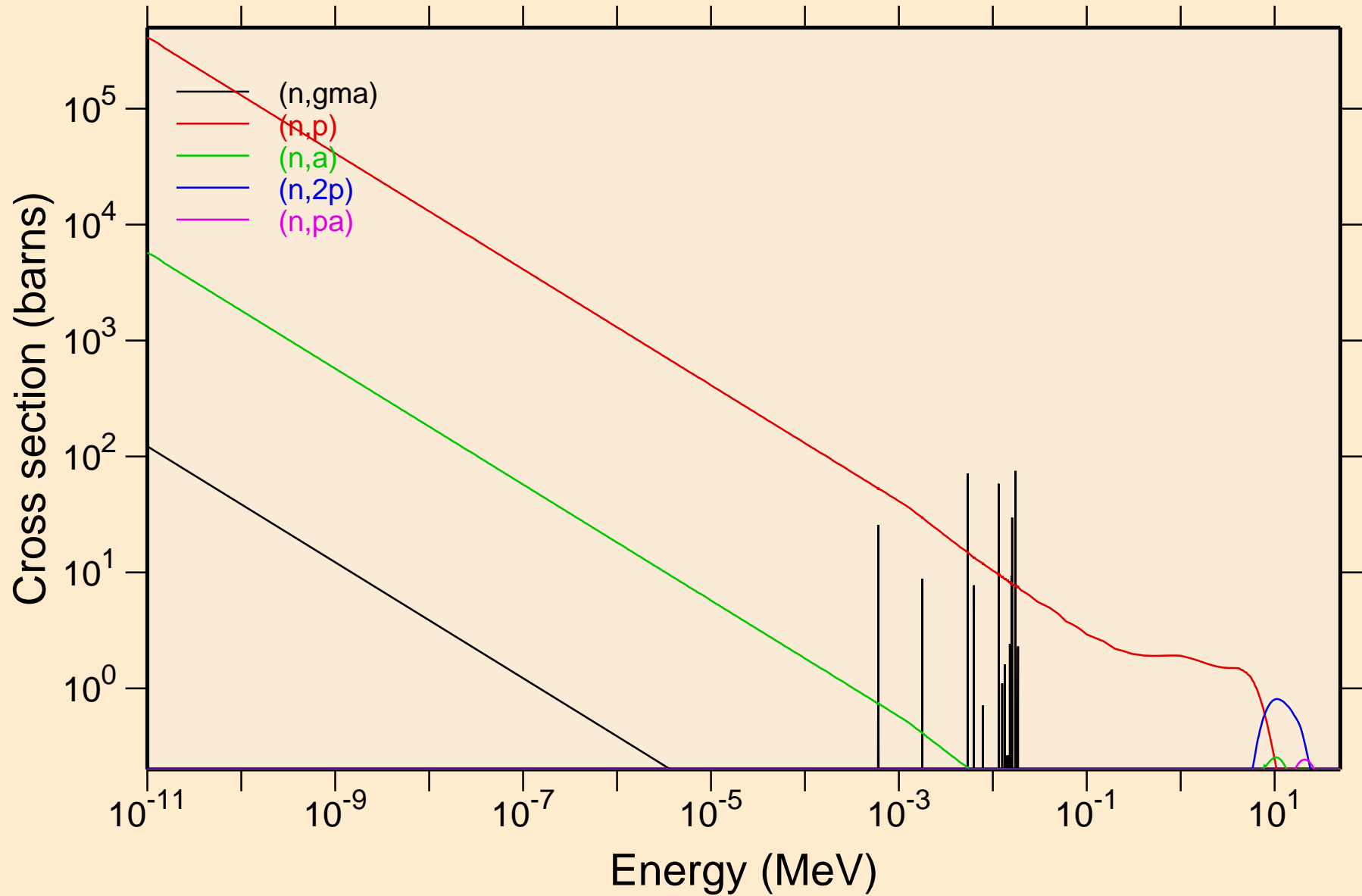
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## Damage

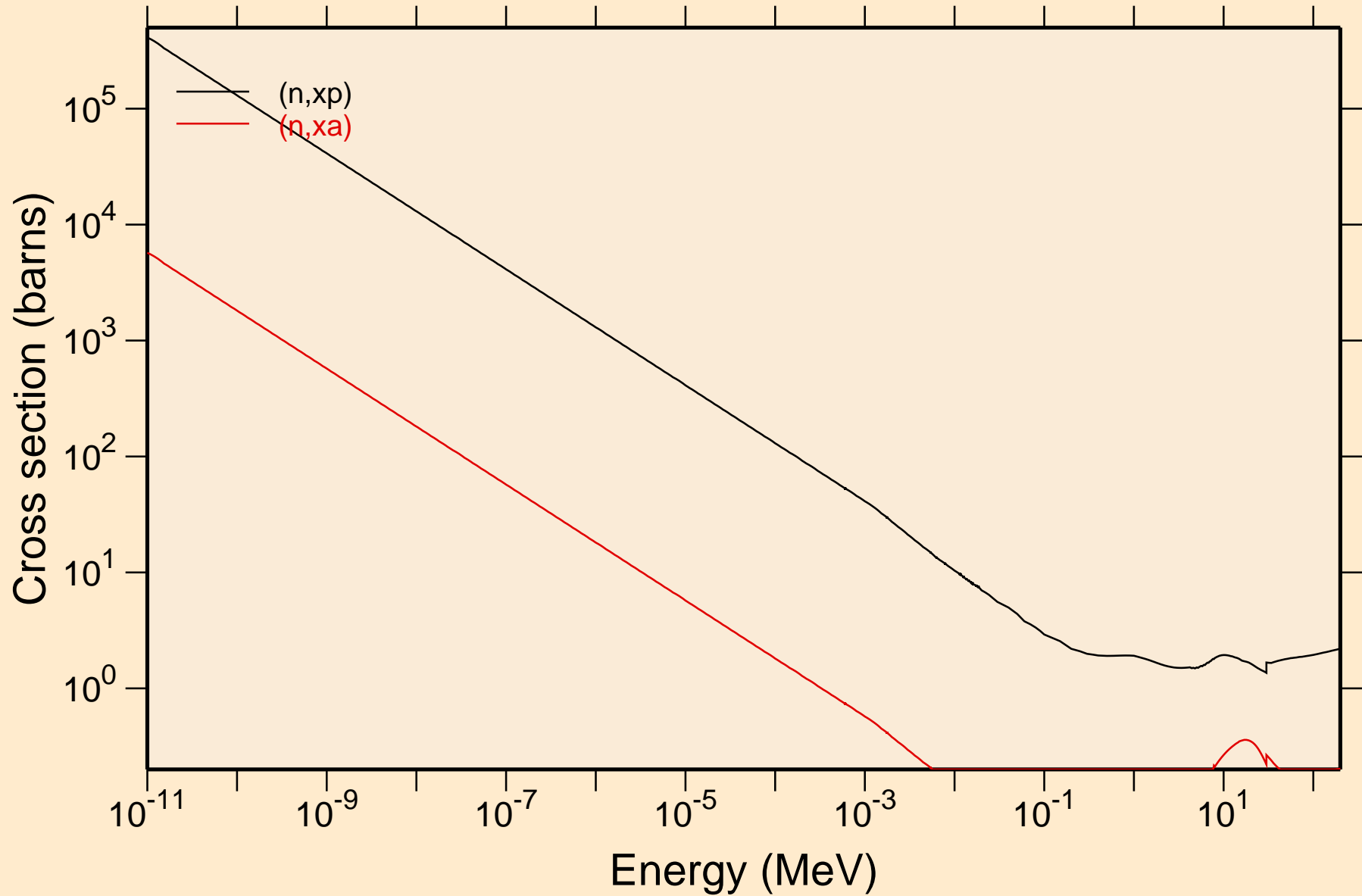


# ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

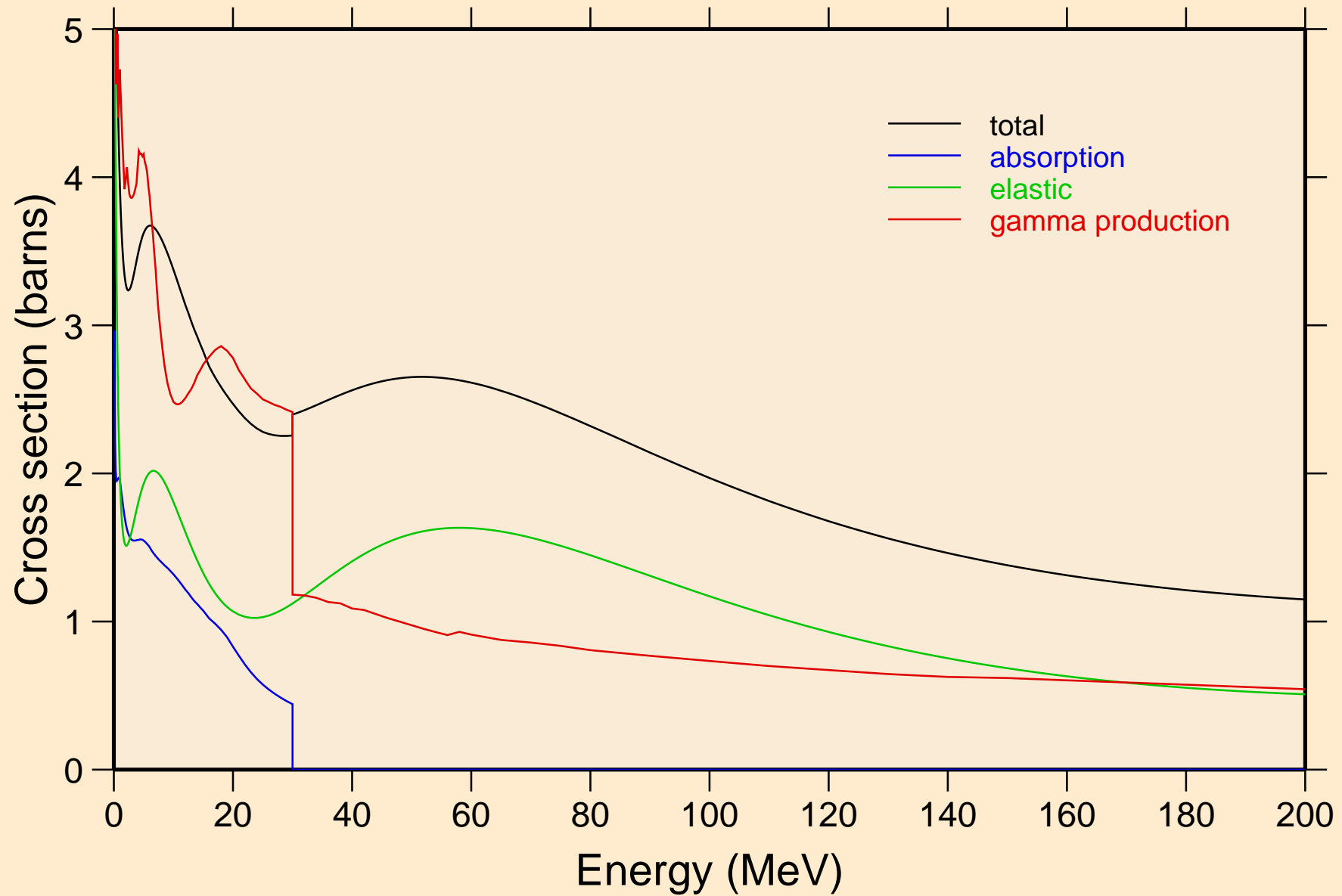


ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



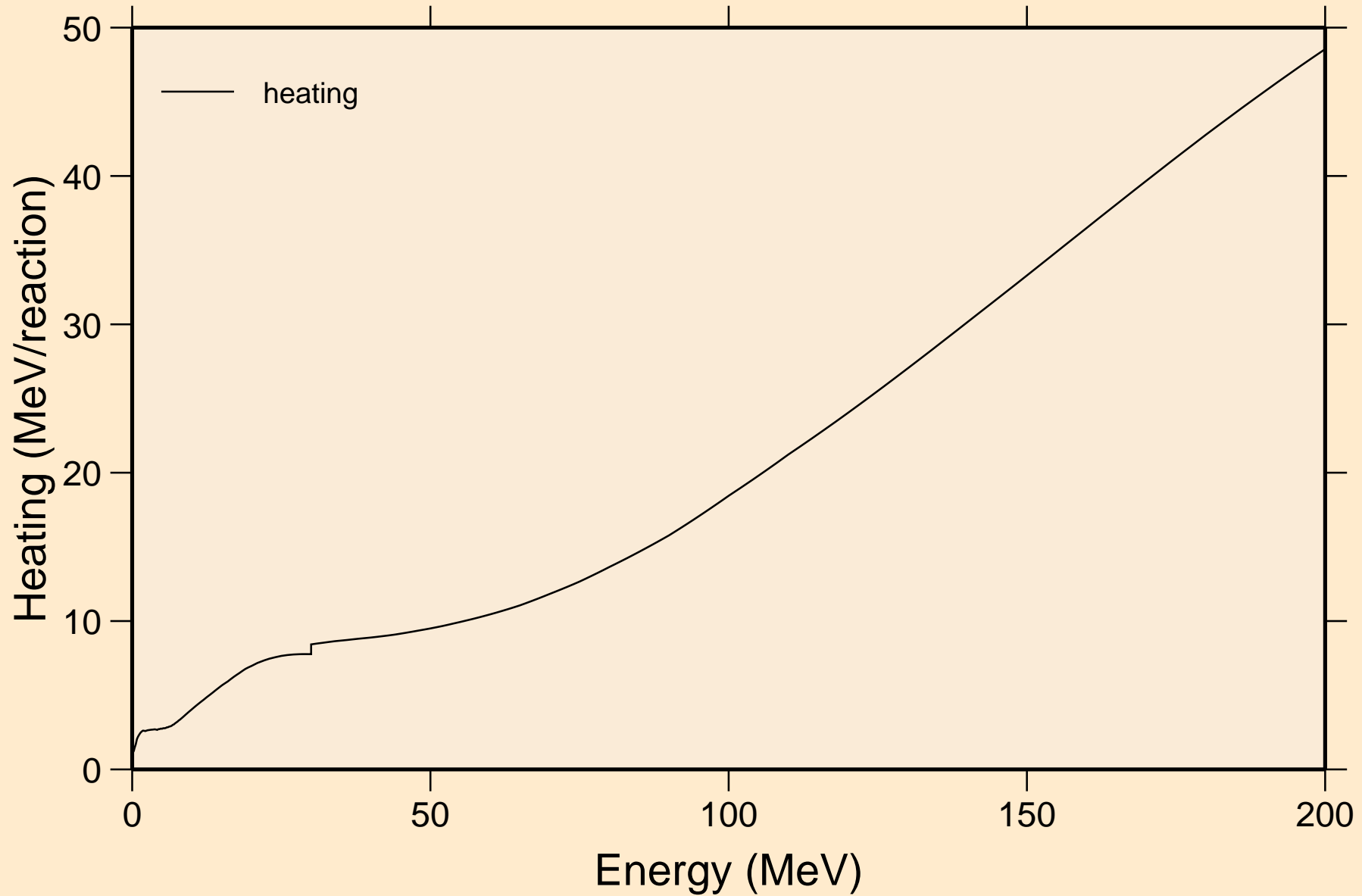
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## Principal cross sections



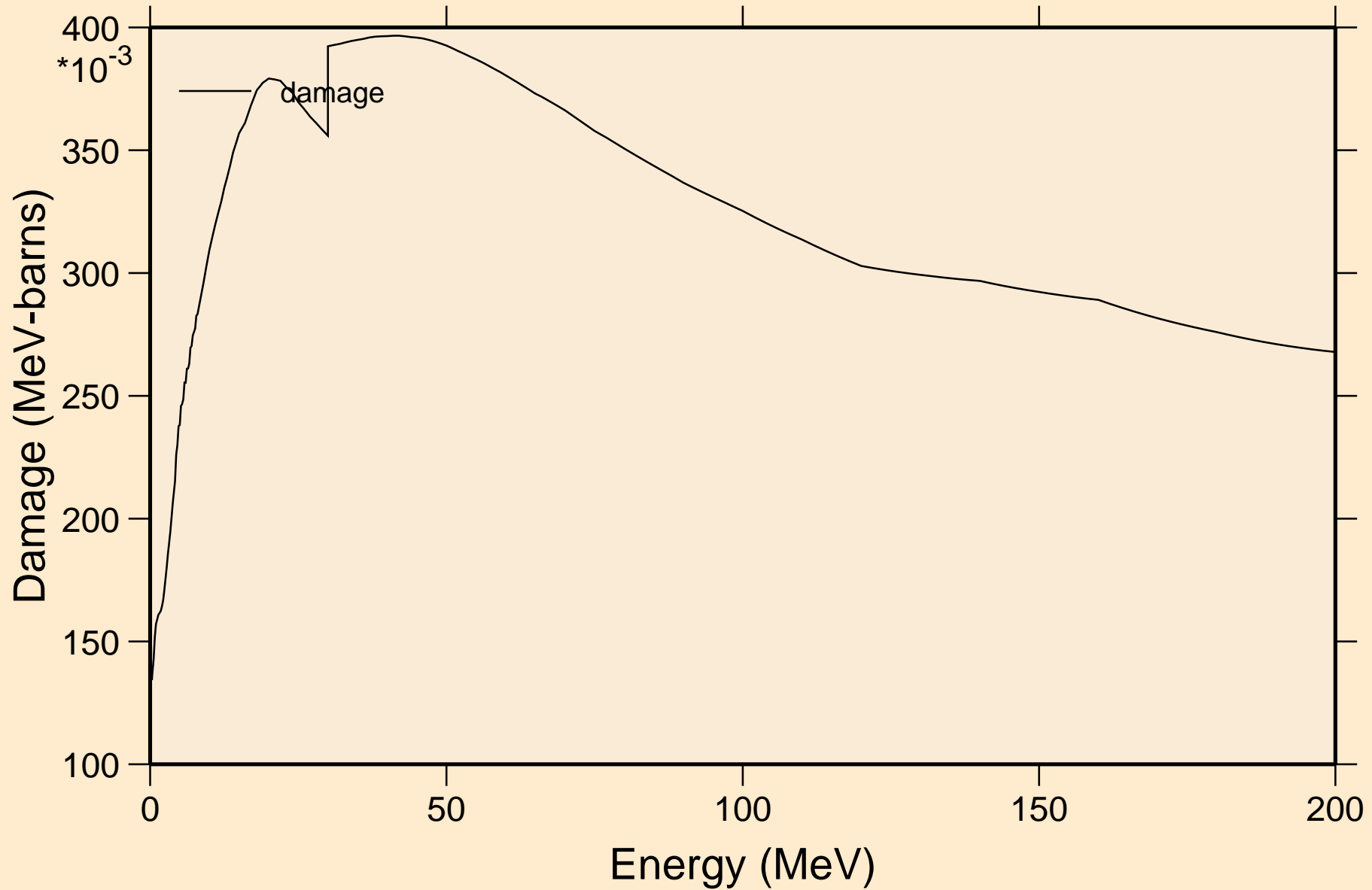
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## Heating



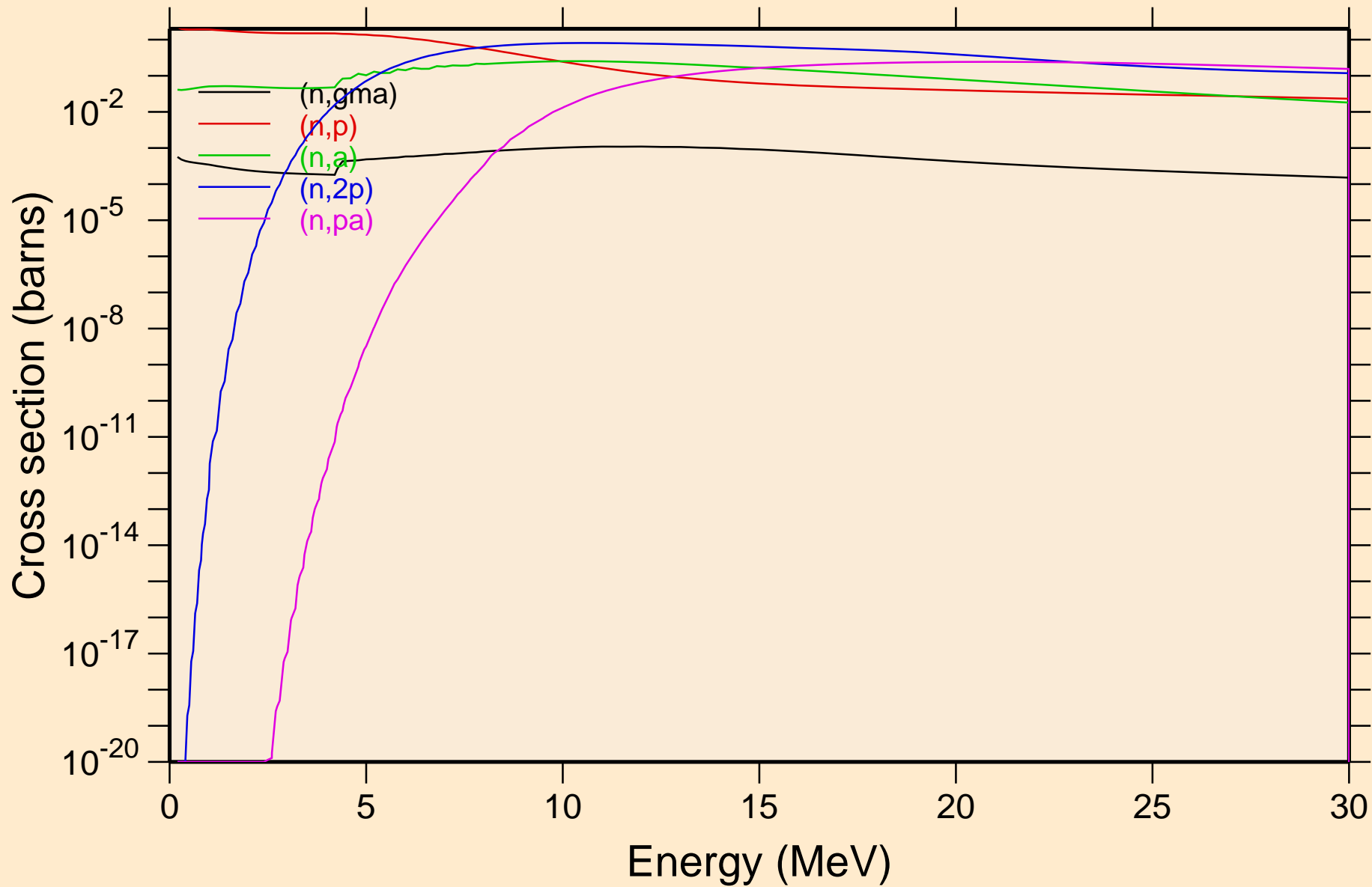
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## Damage

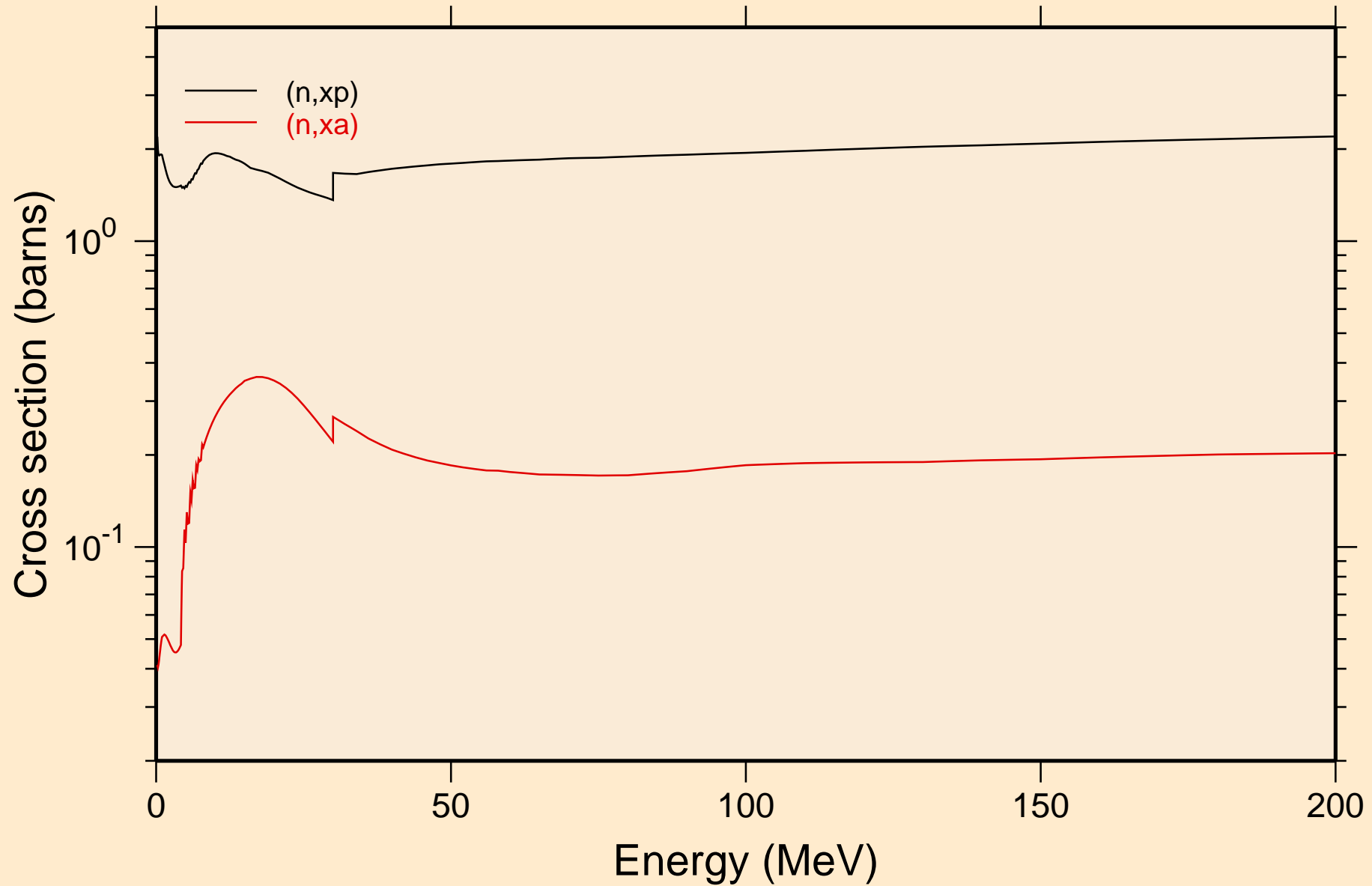




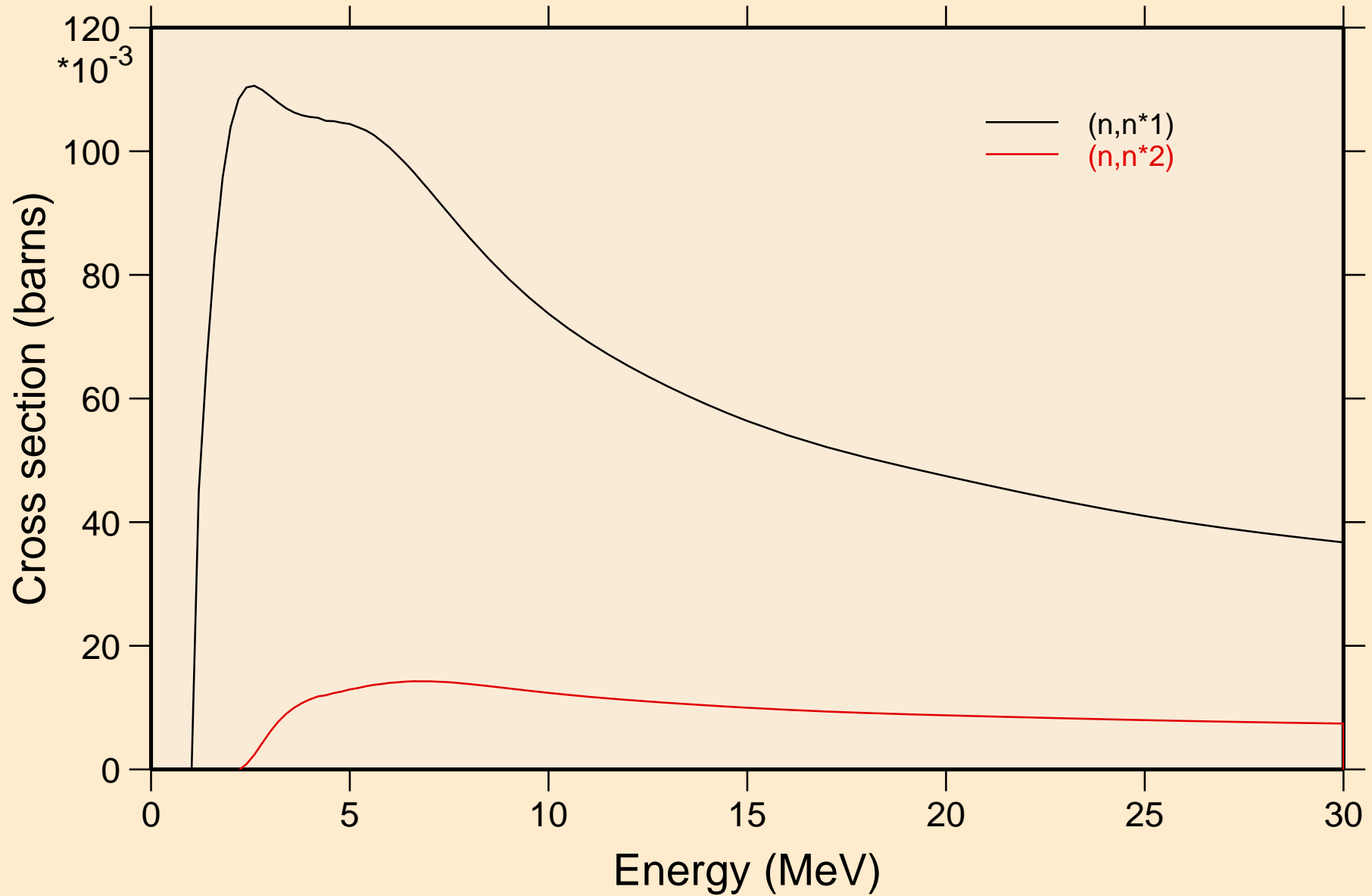
ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

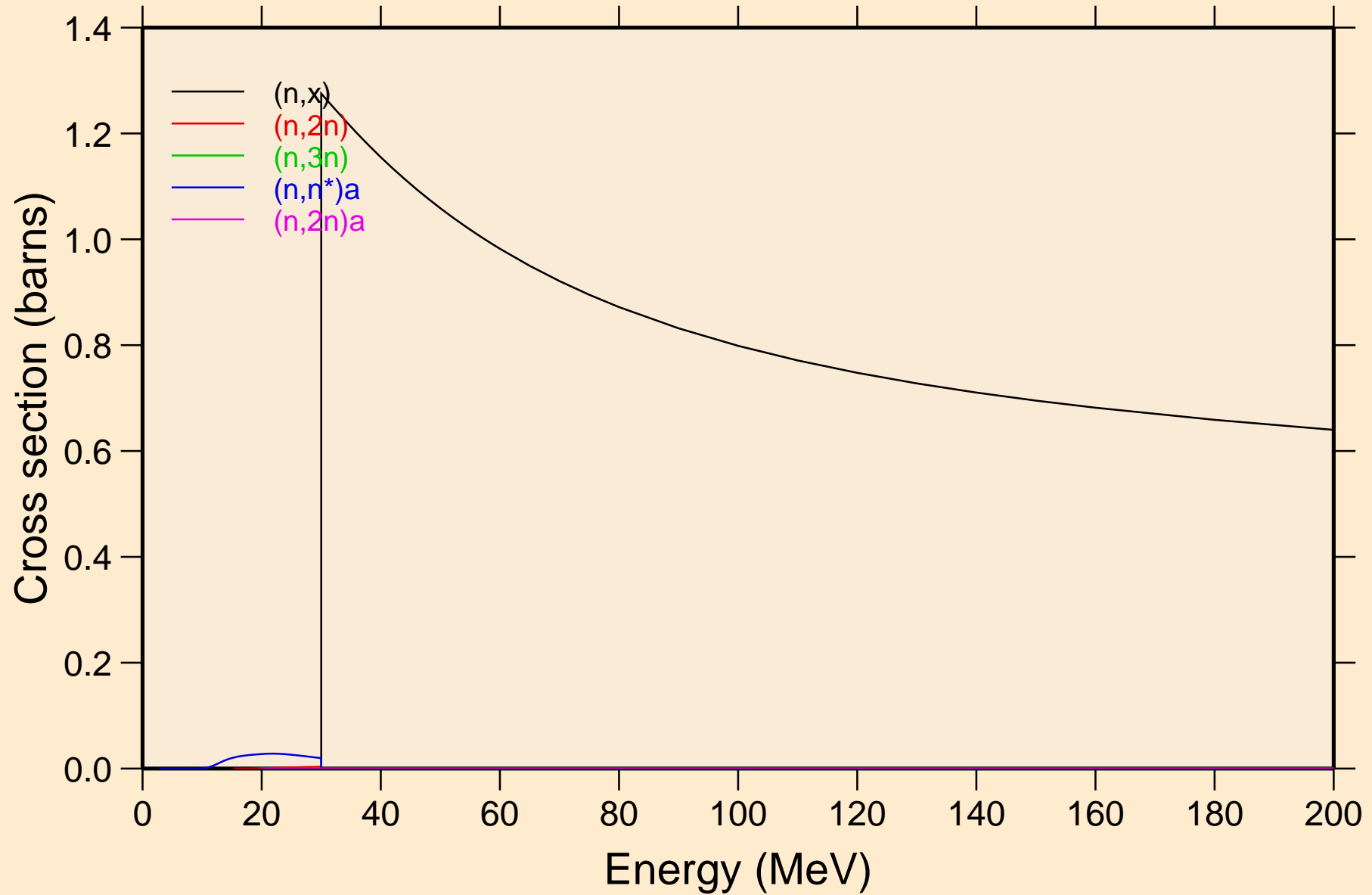


ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



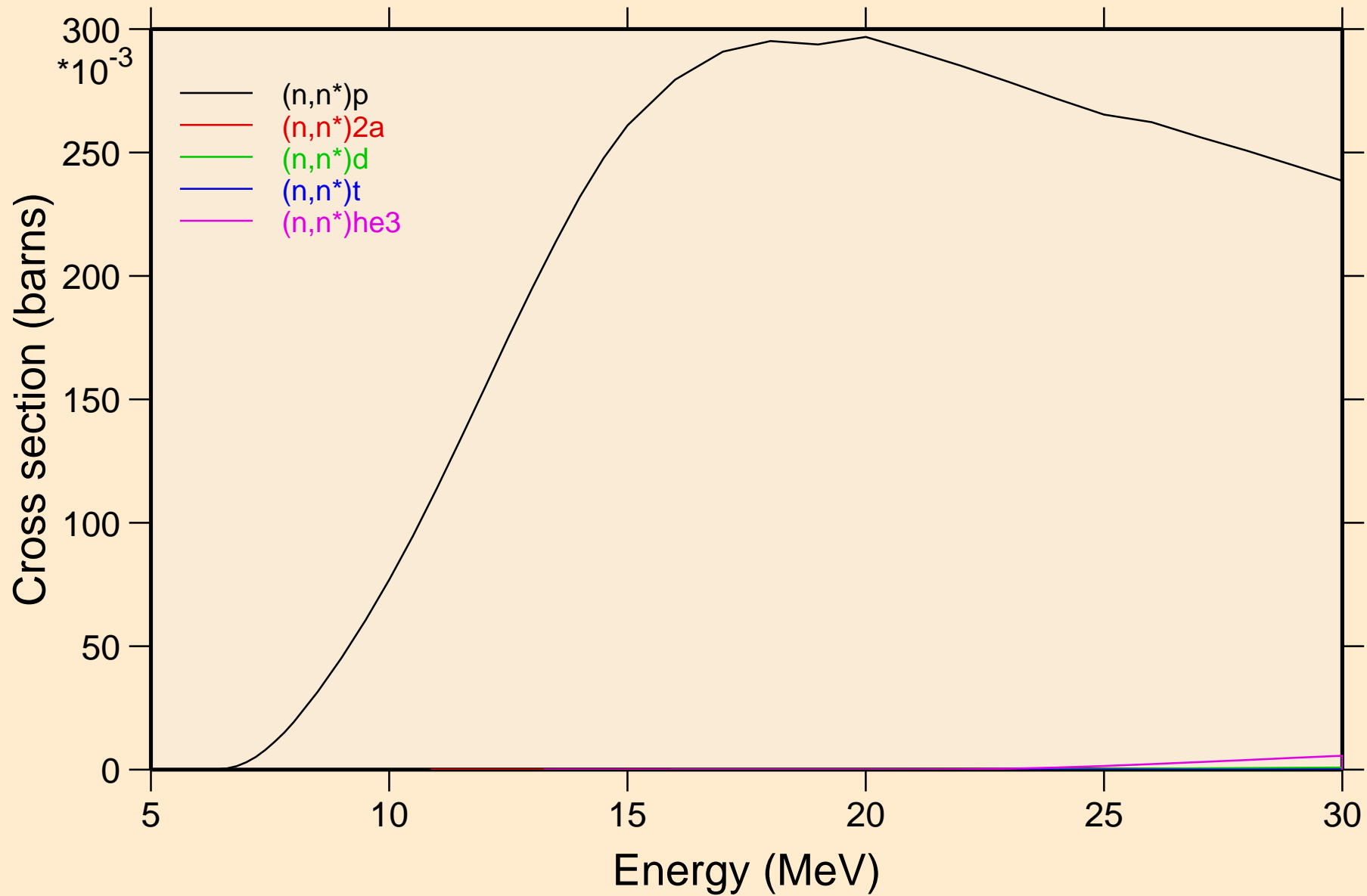
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## Threshold reactions



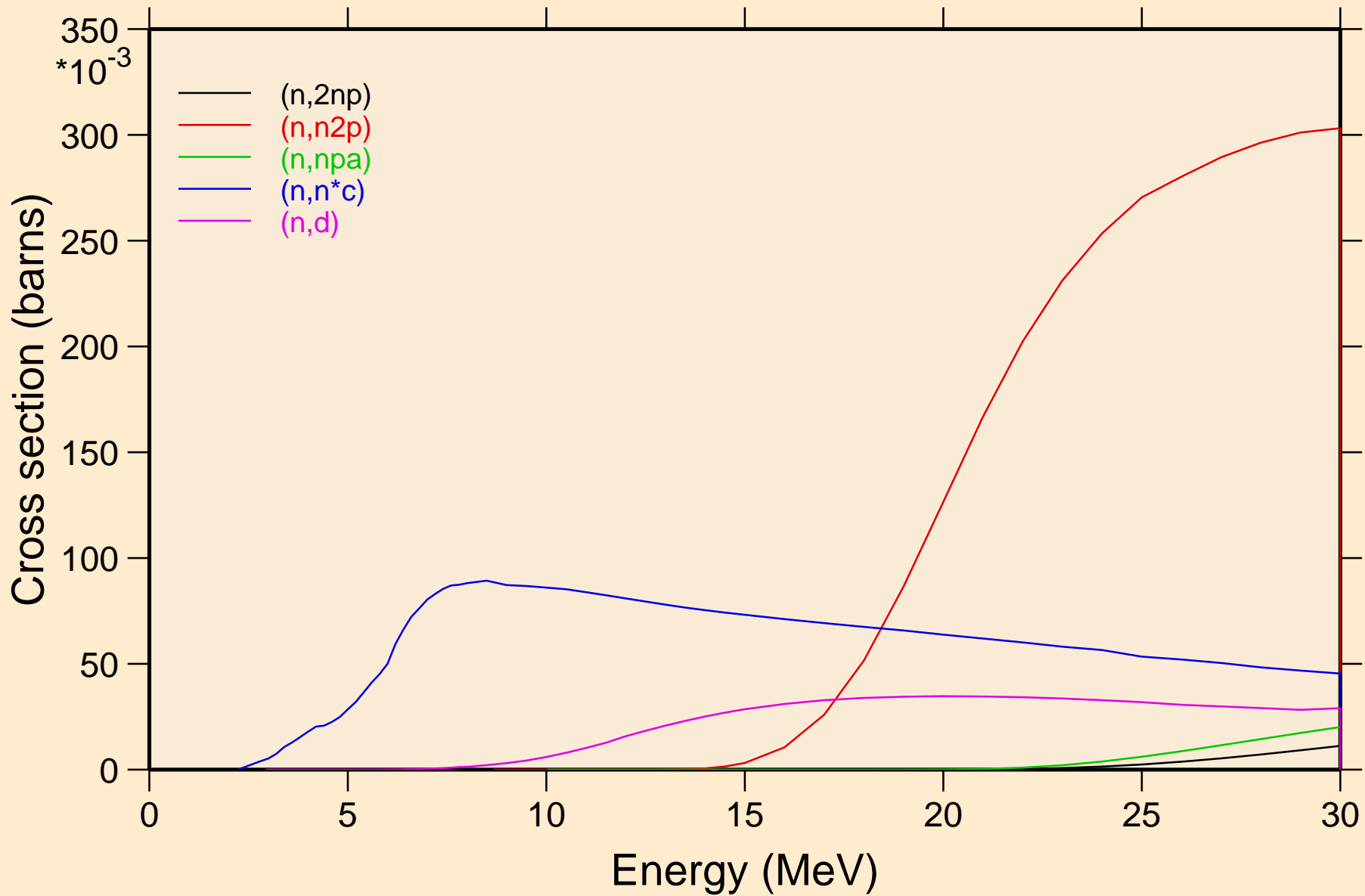
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## Threshold reactions



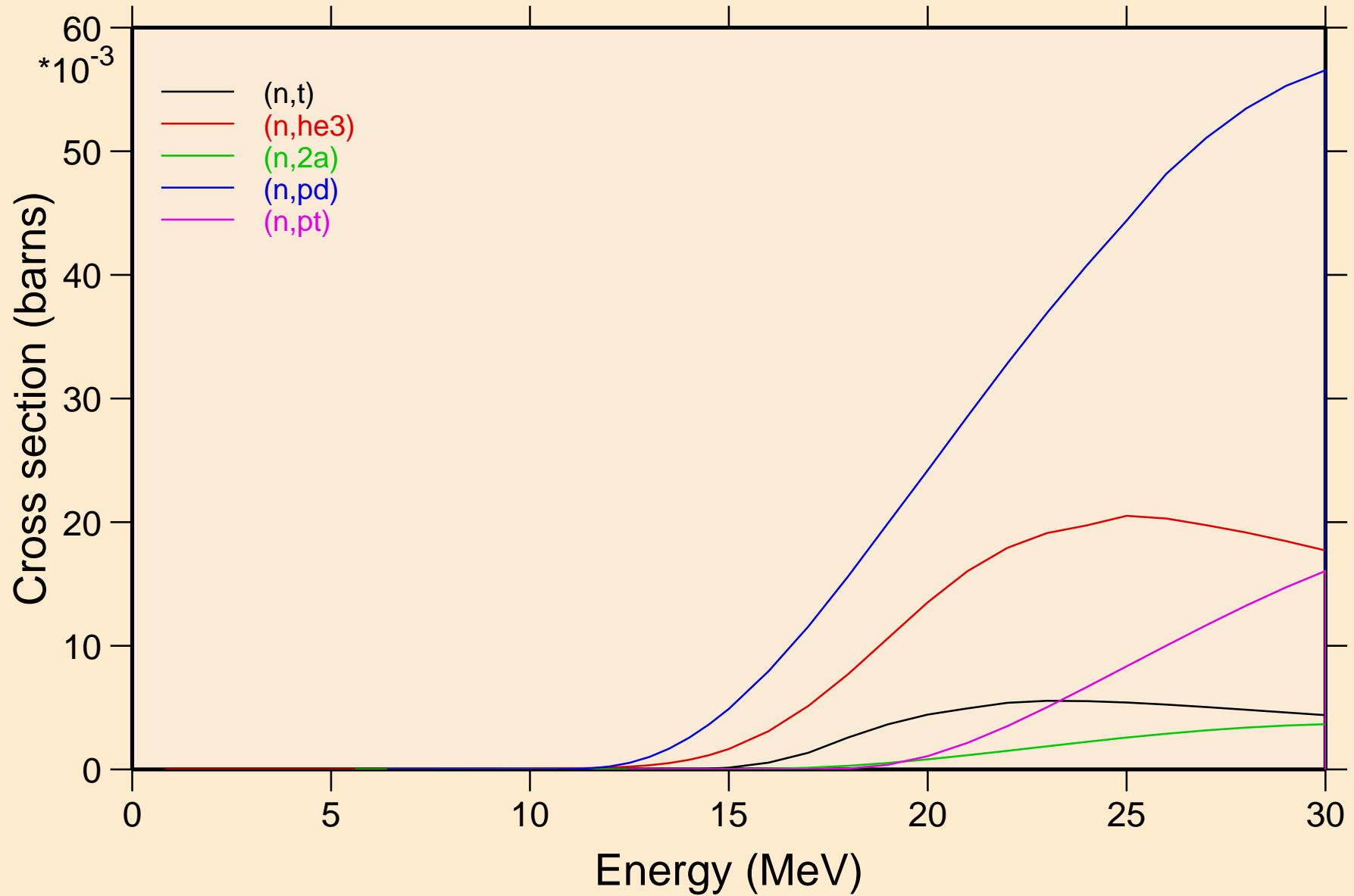
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## Threshold reactions

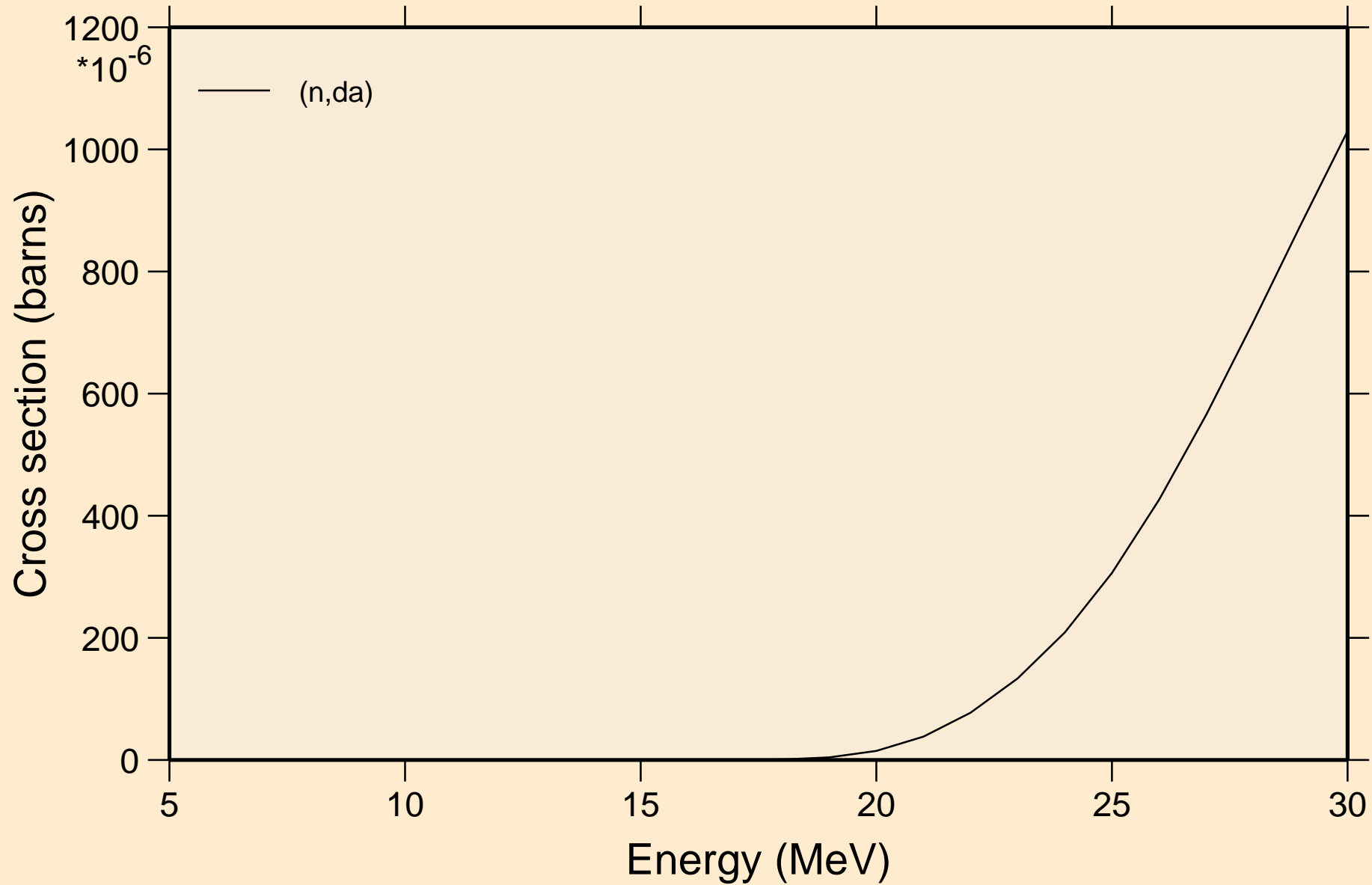


# ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



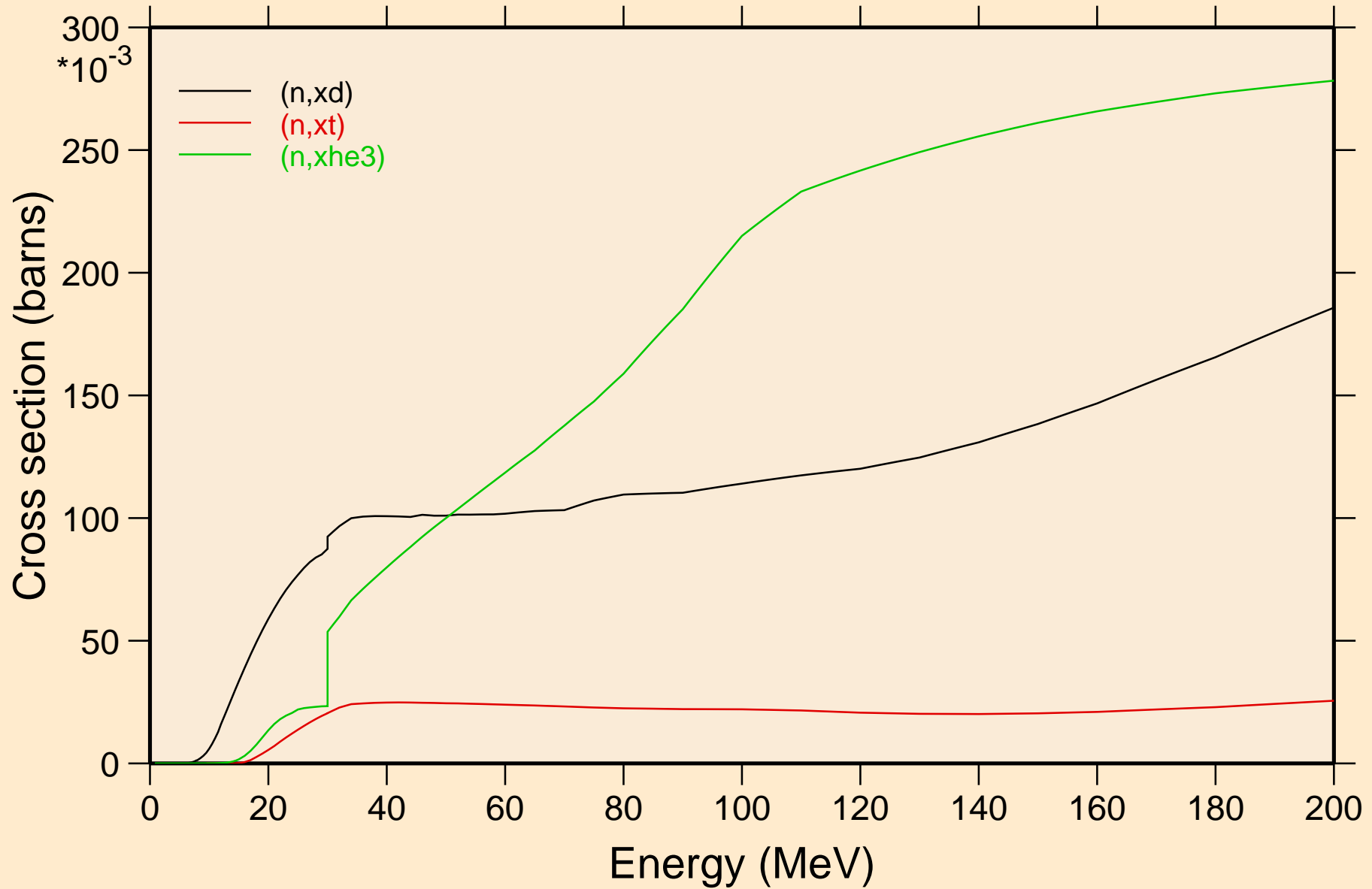
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Threshold reactions



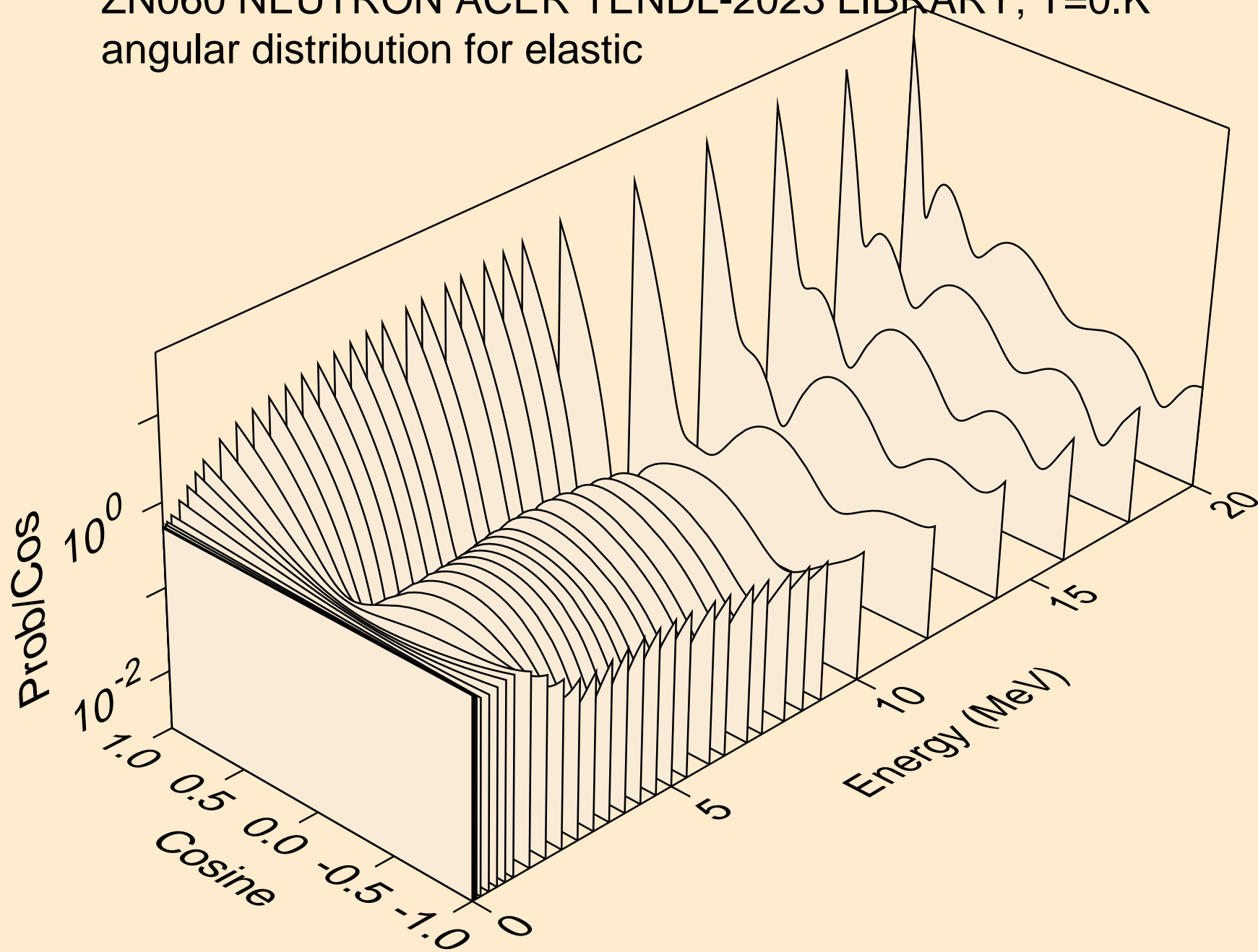


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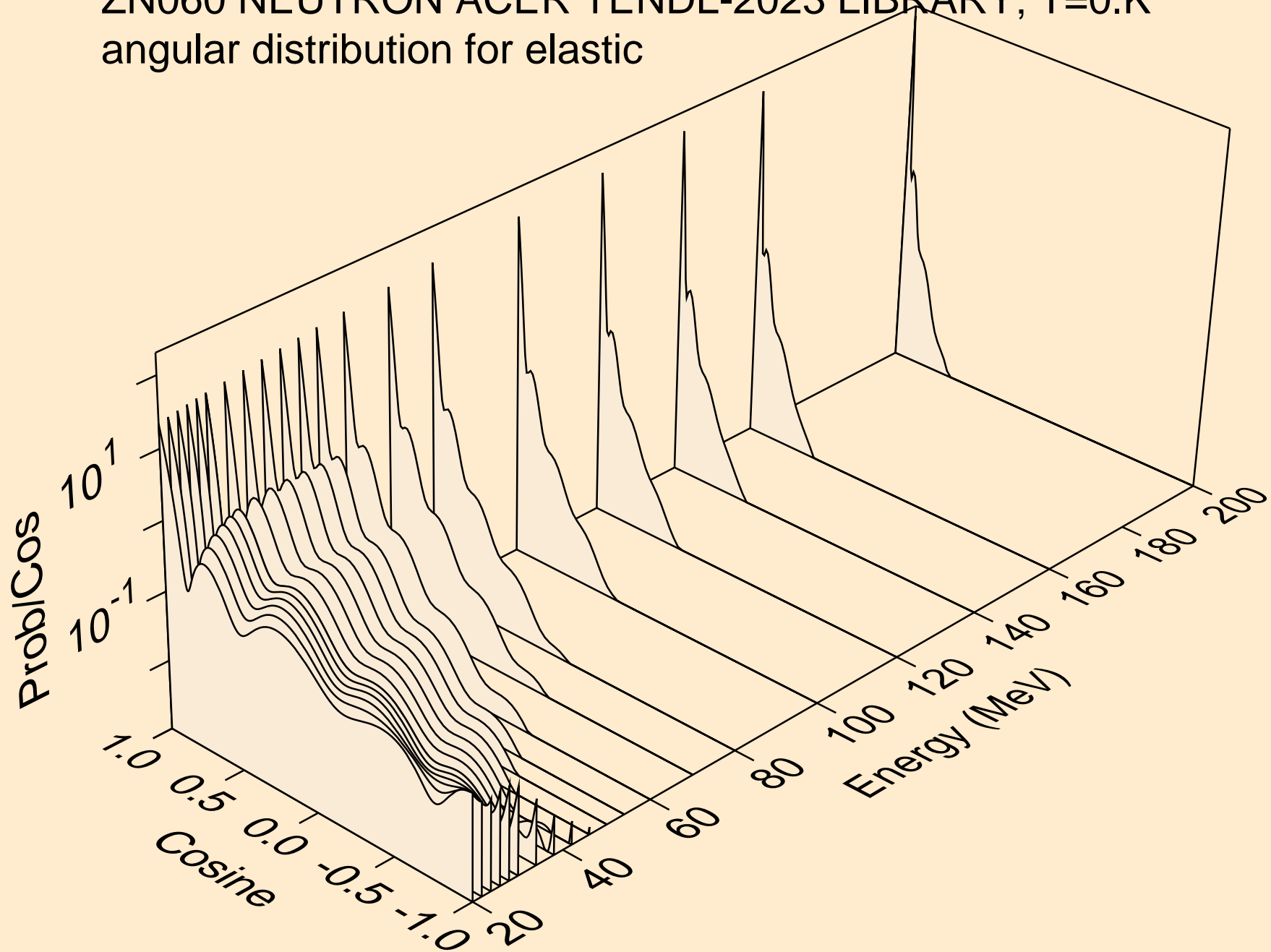
## Threshold reactions



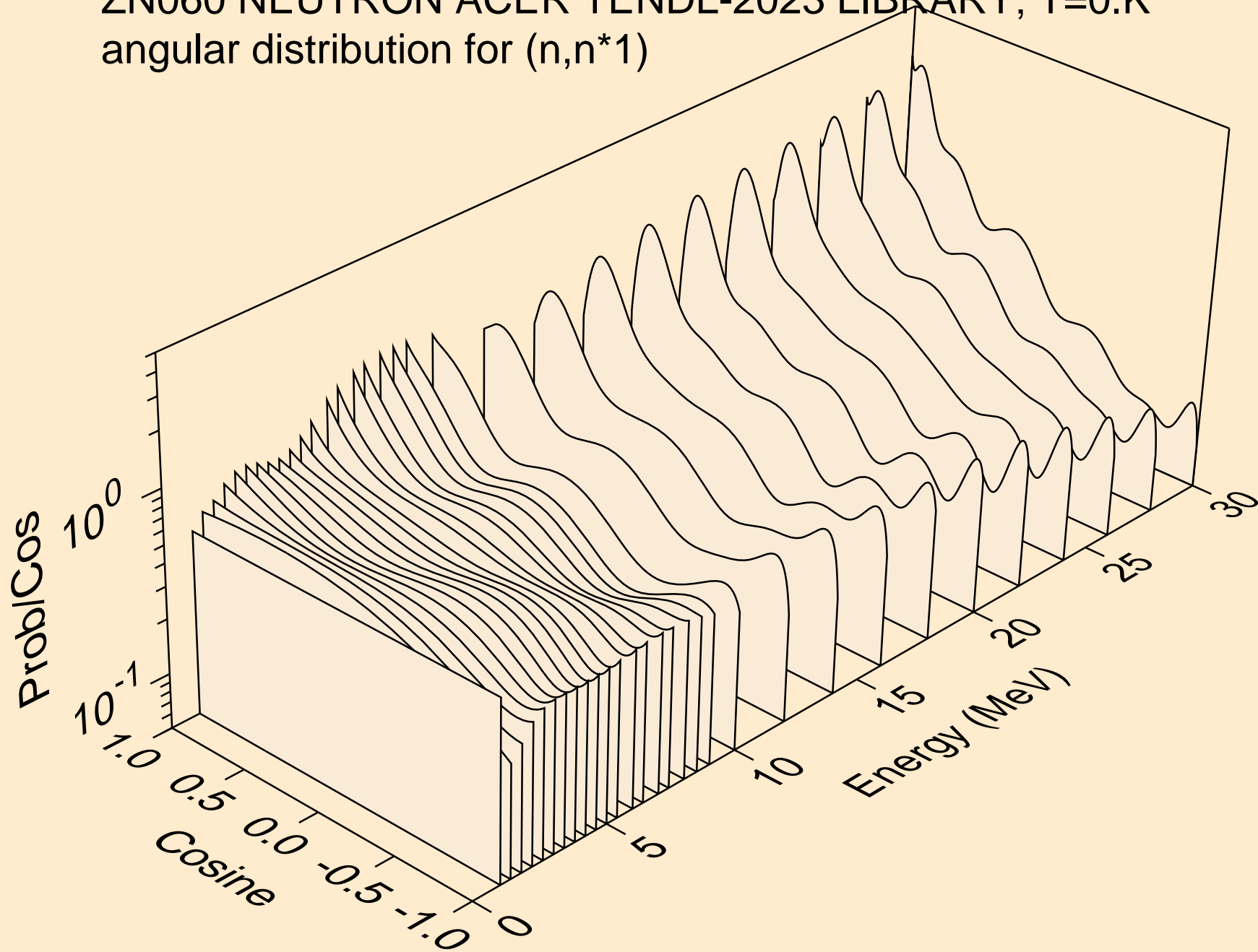
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angular distribution for elastic



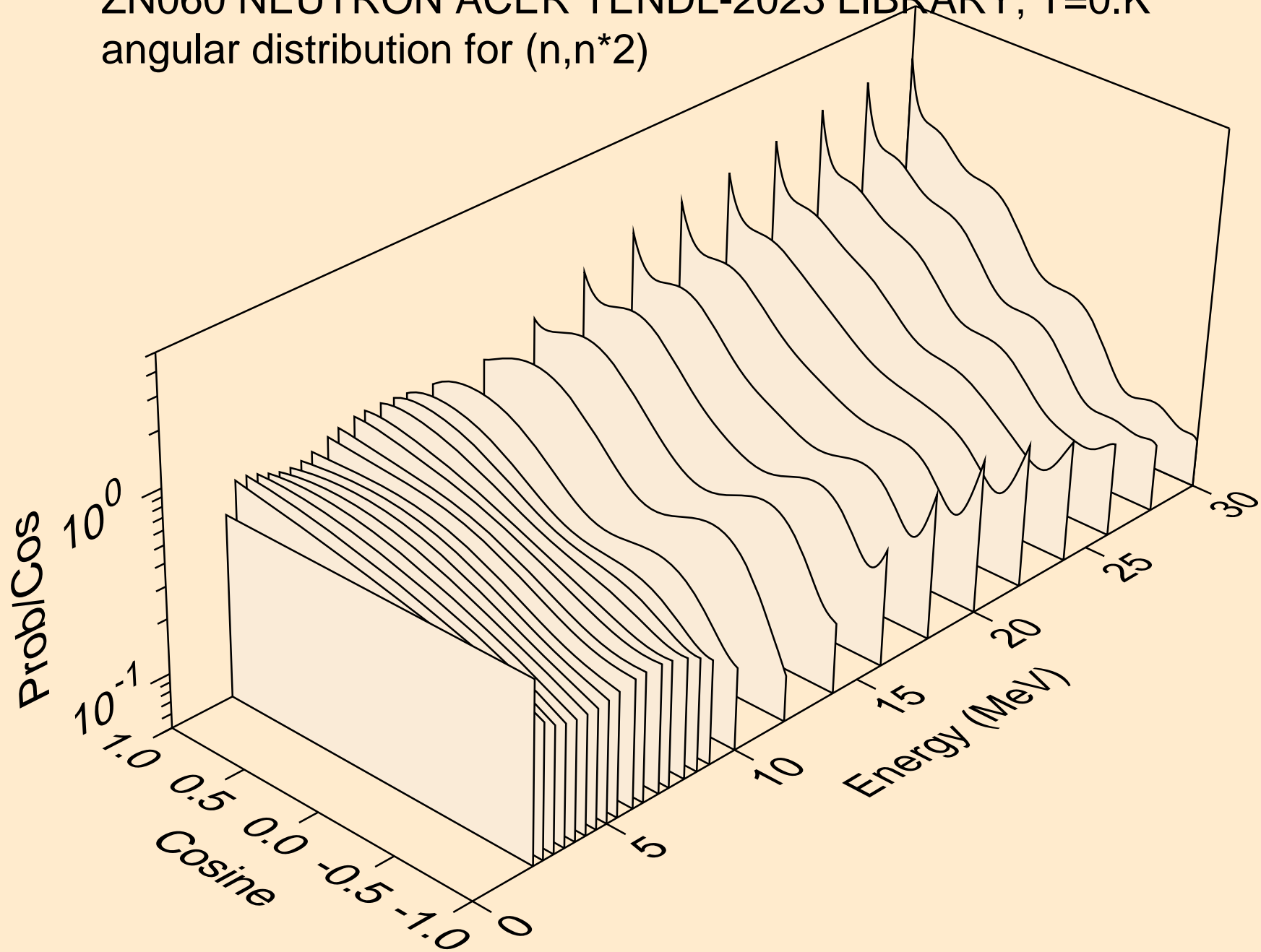
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angular distribution for elastic



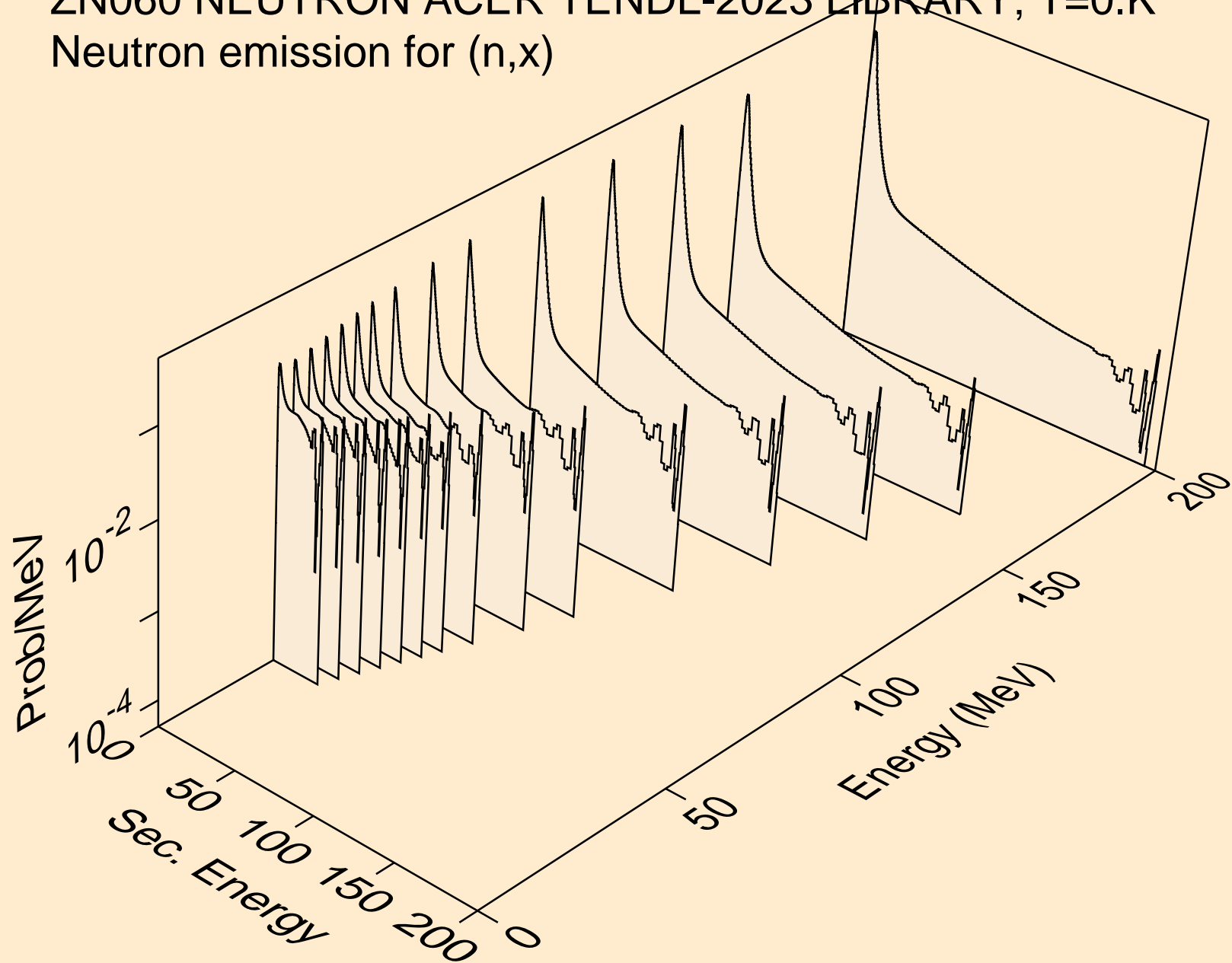
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angular distribution for (n,n\*1)



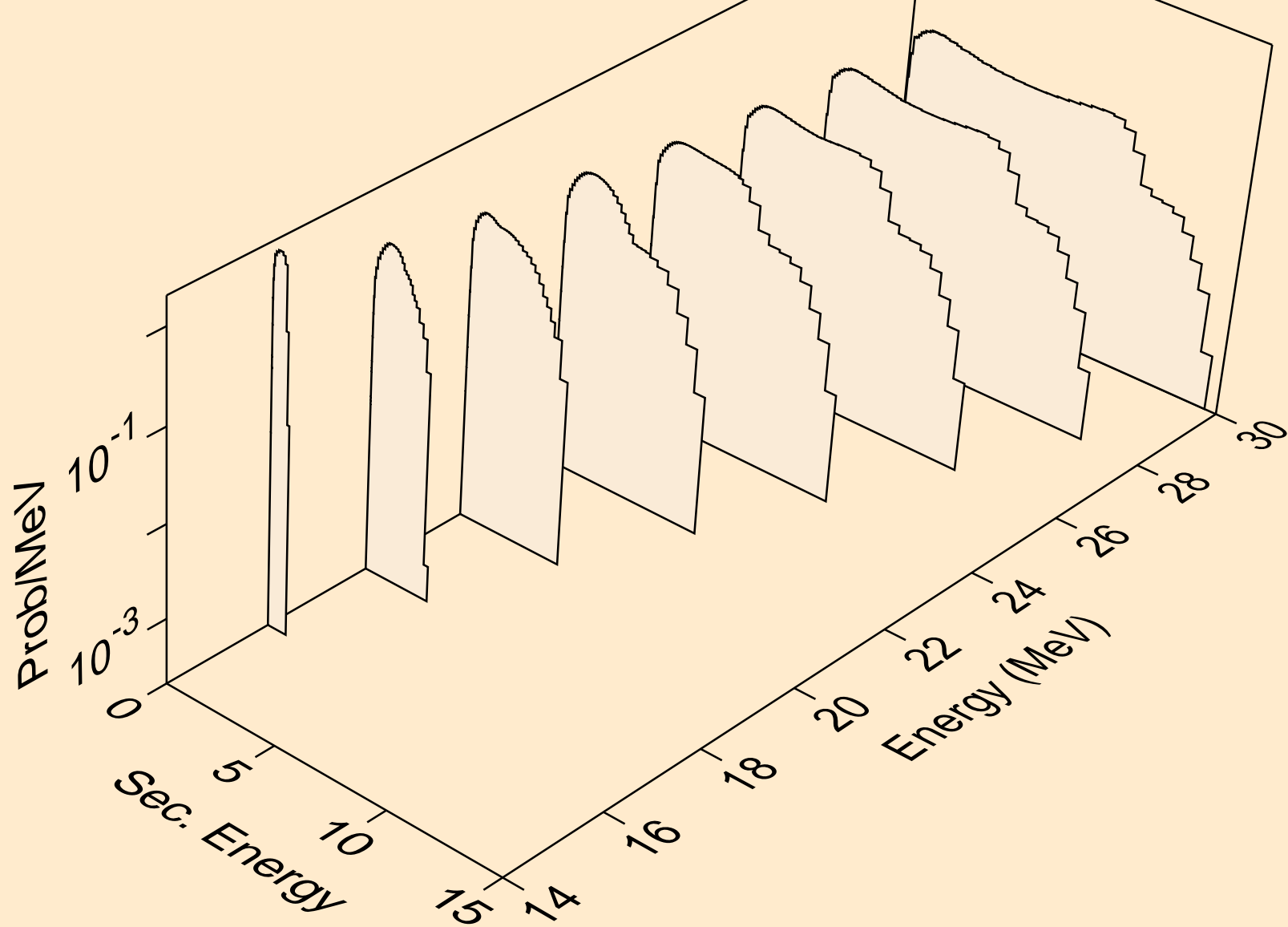
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angular distribution for (n,n\*2)



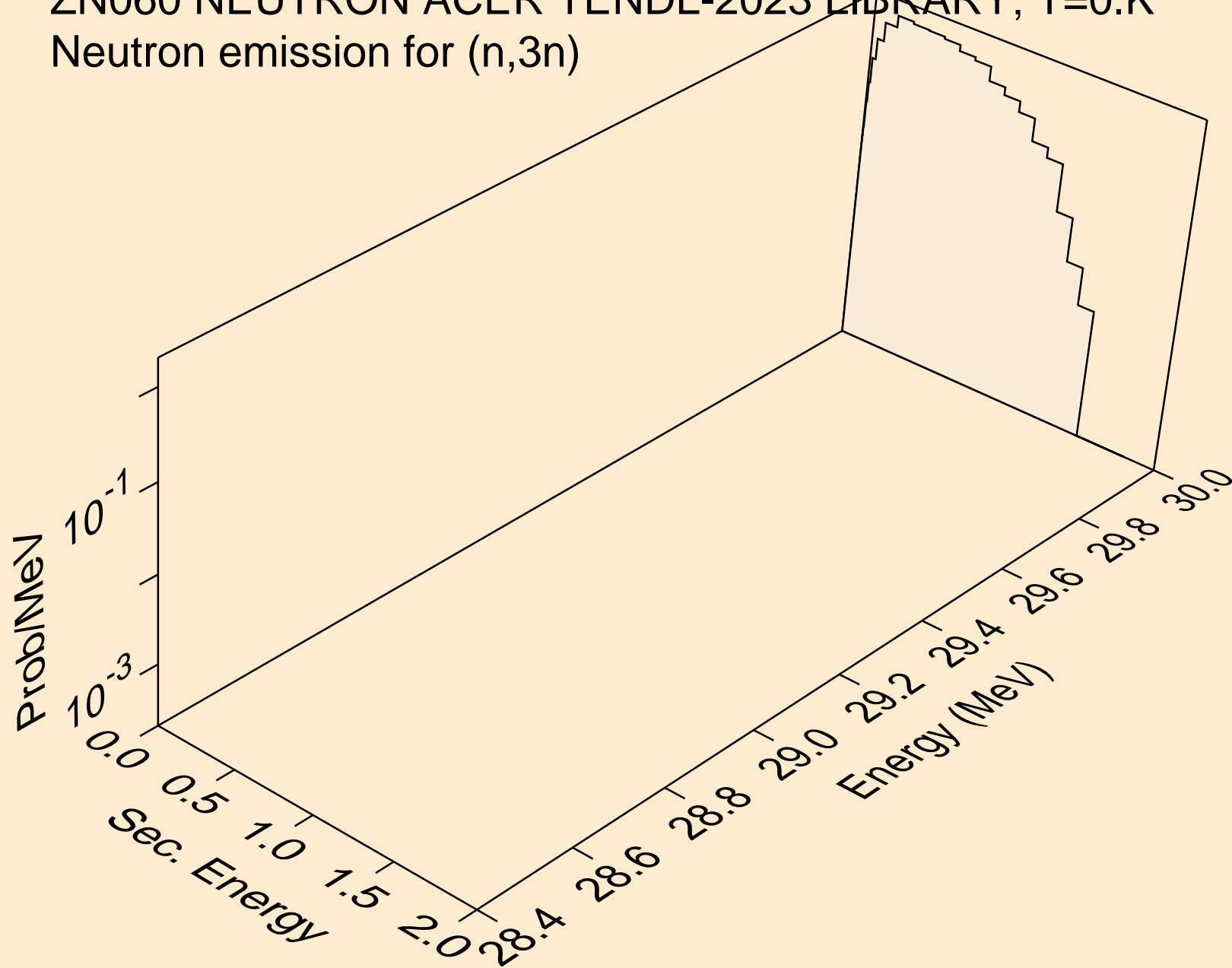
ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

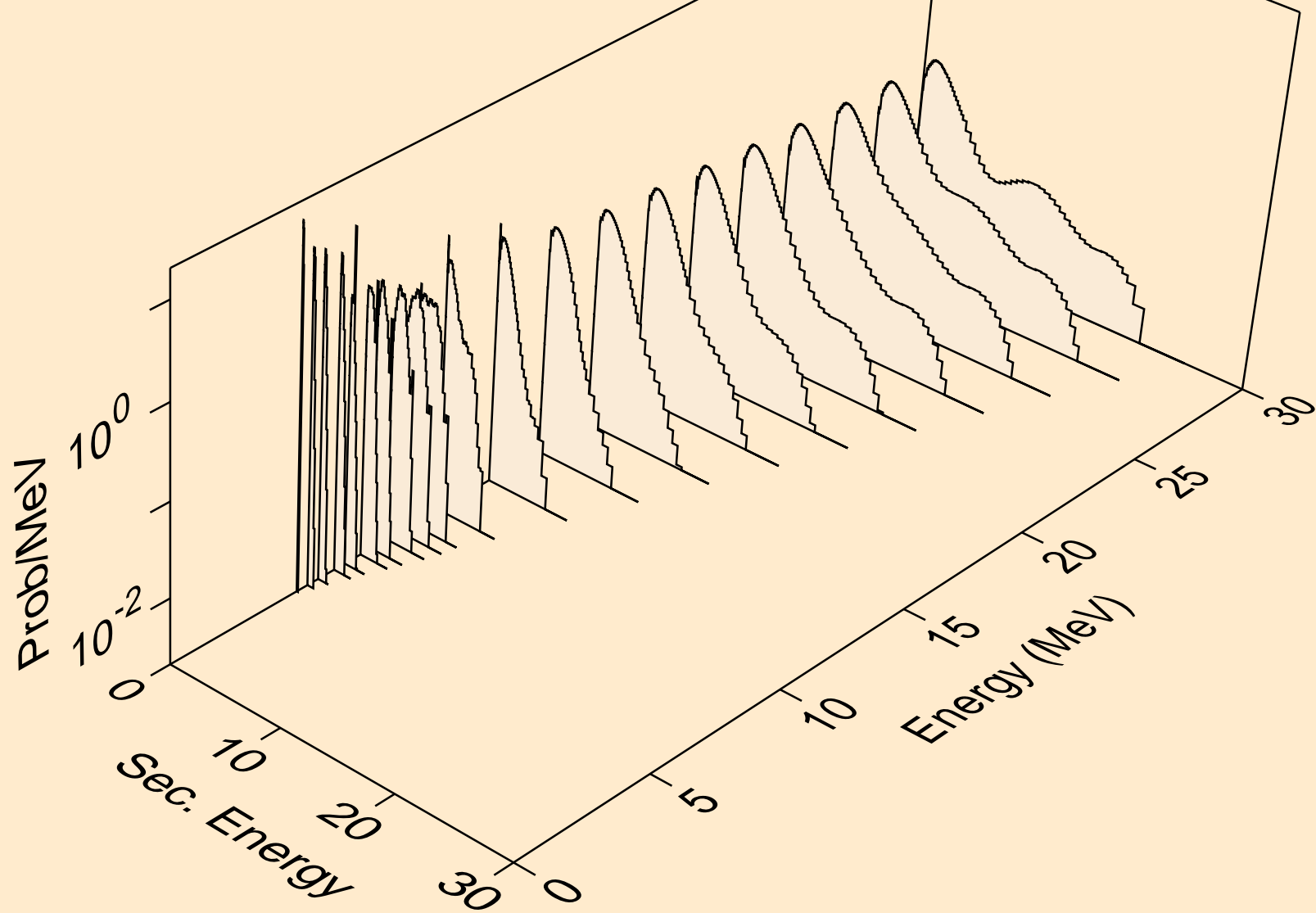


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Neutron emission for (n,3n)

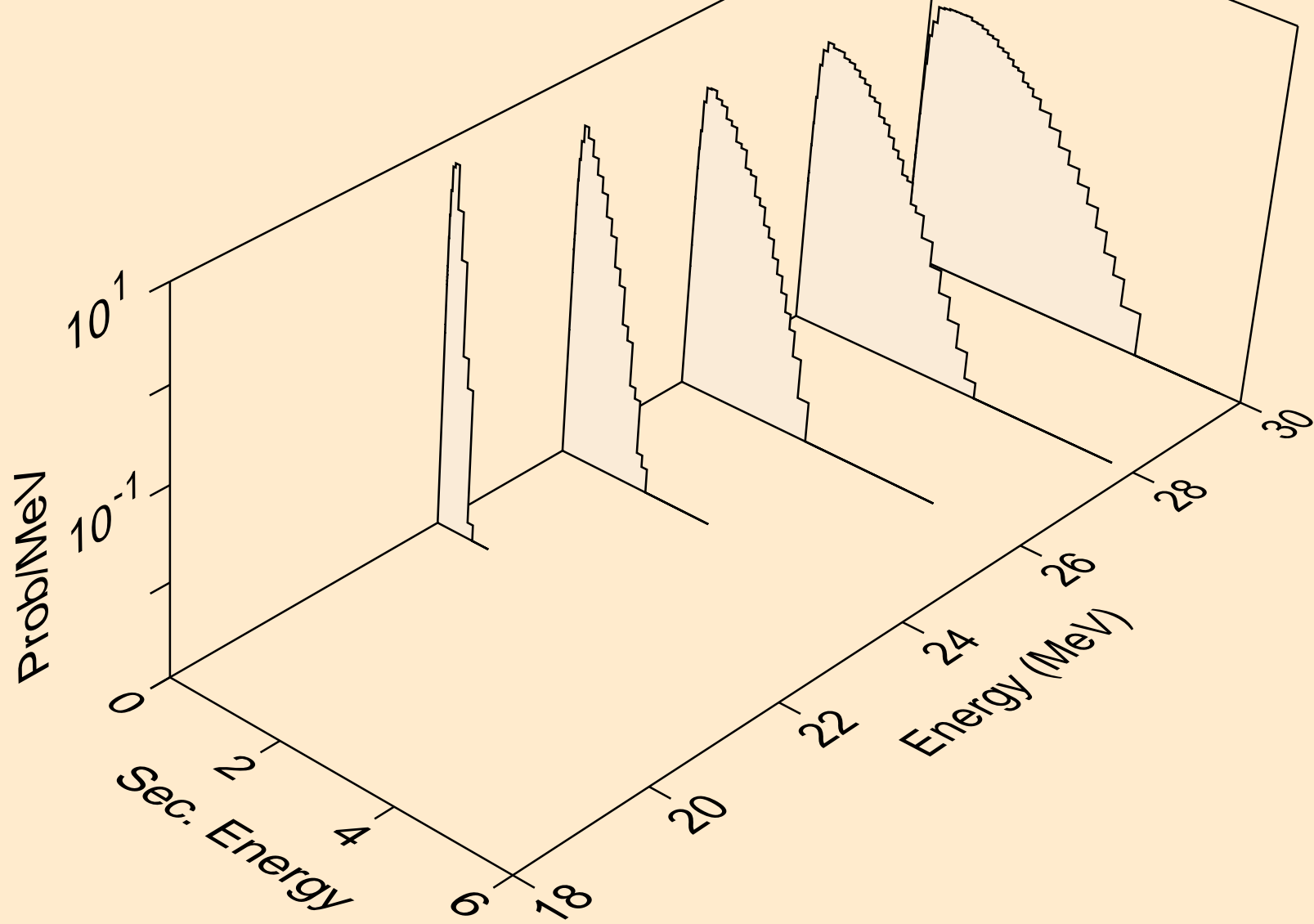




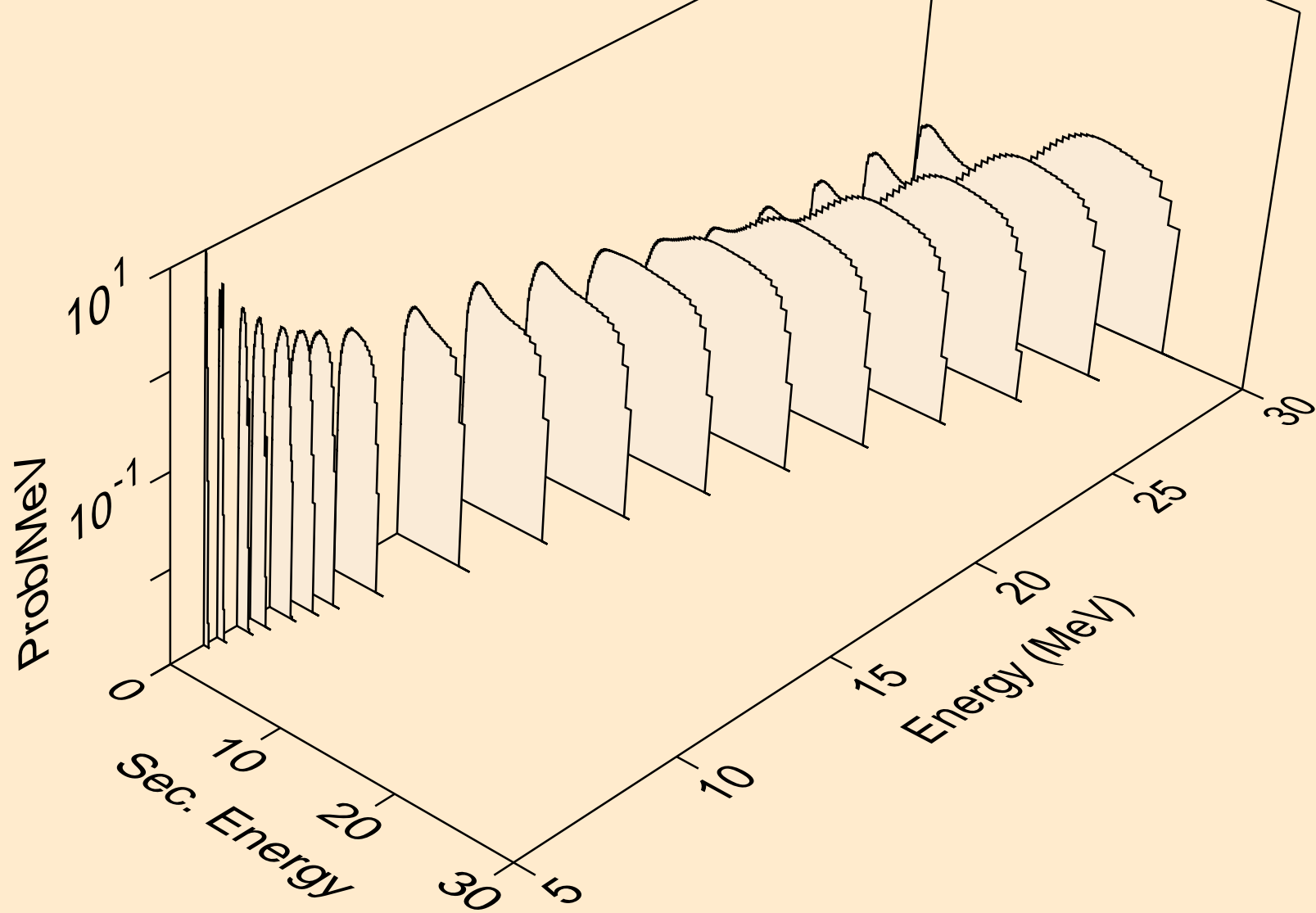
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Neutron emission for (n,n\*)a



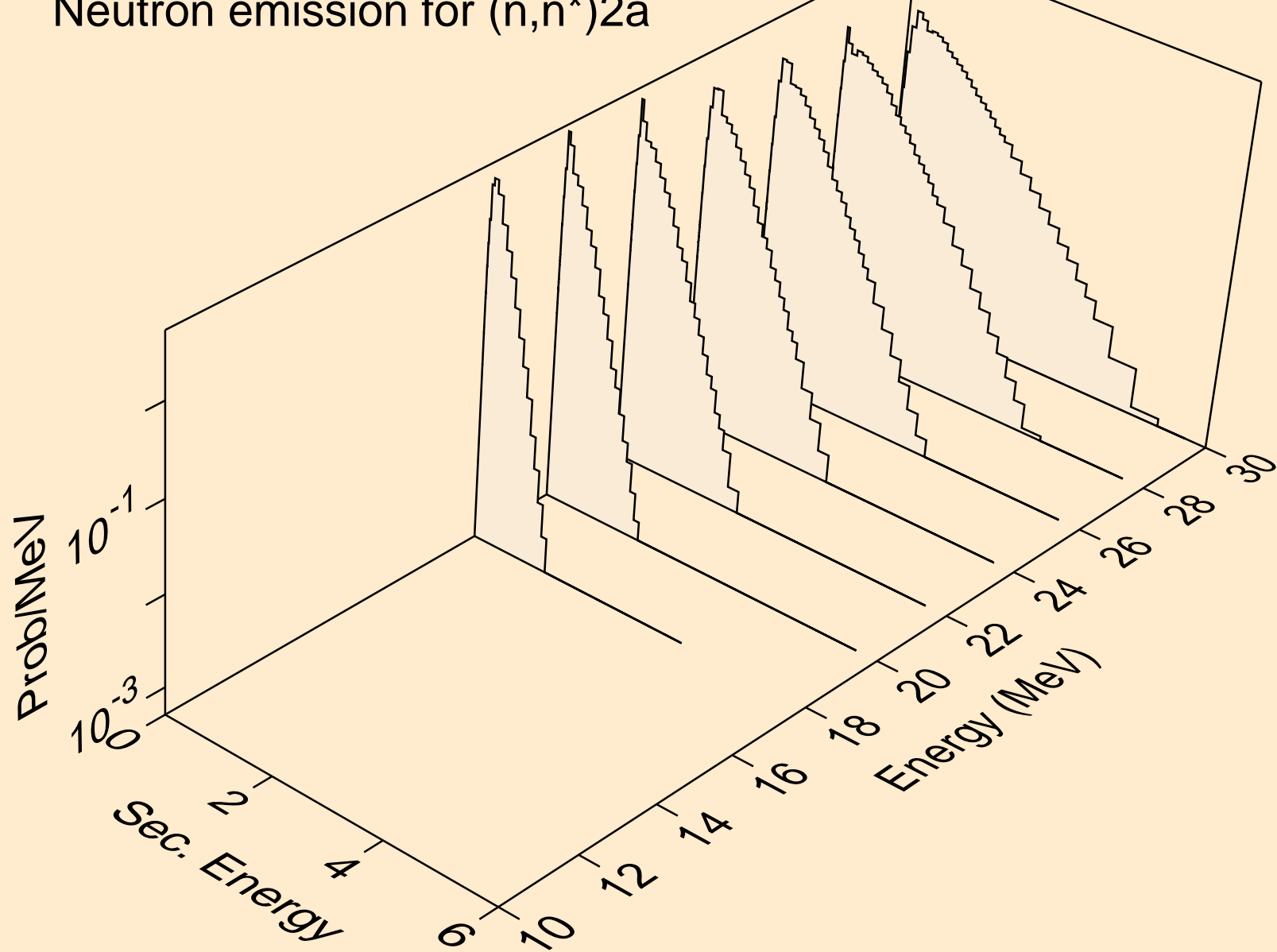
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Neutron emission for (n,2n)a



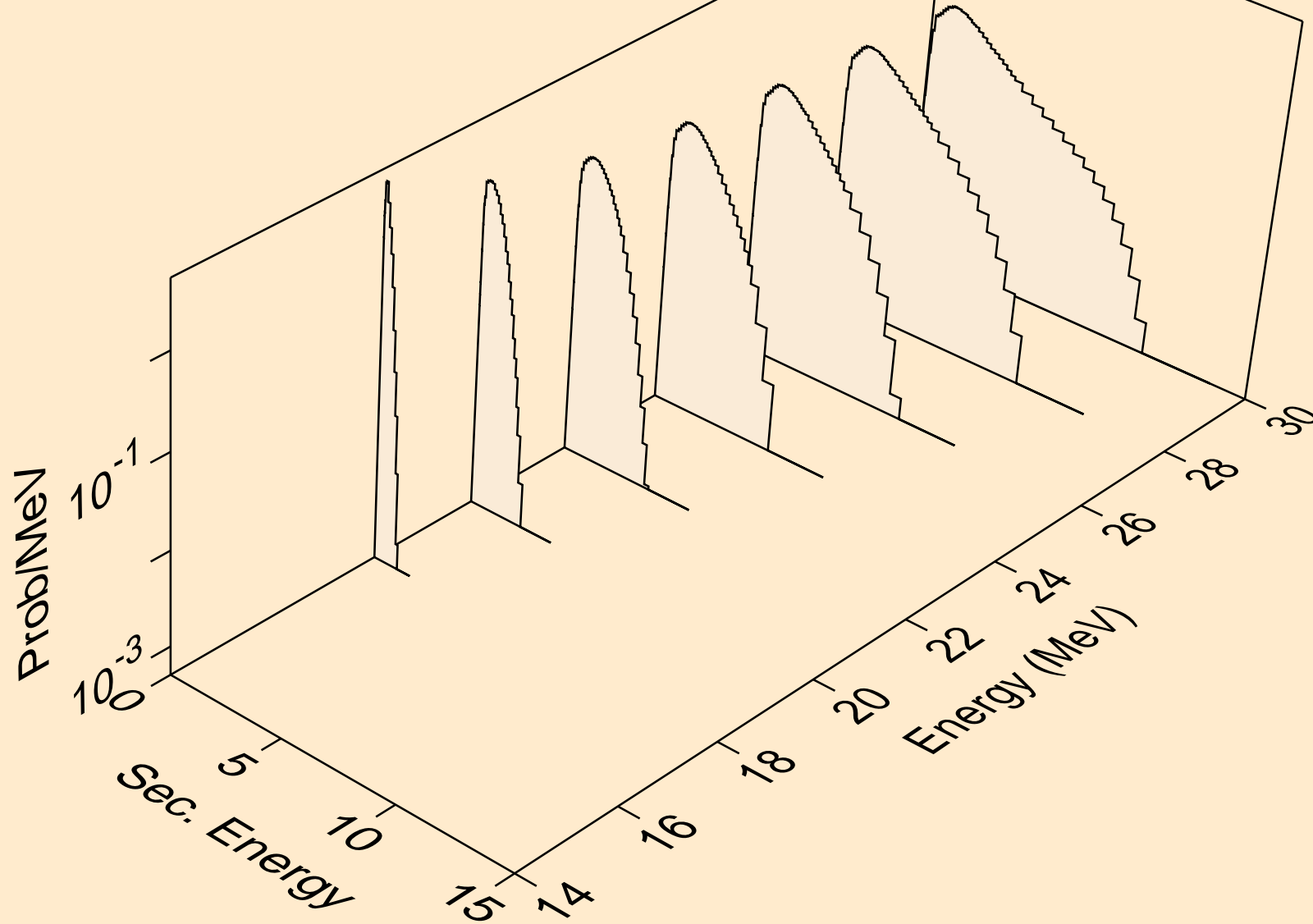
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Neutron emission for (n,n\*)p



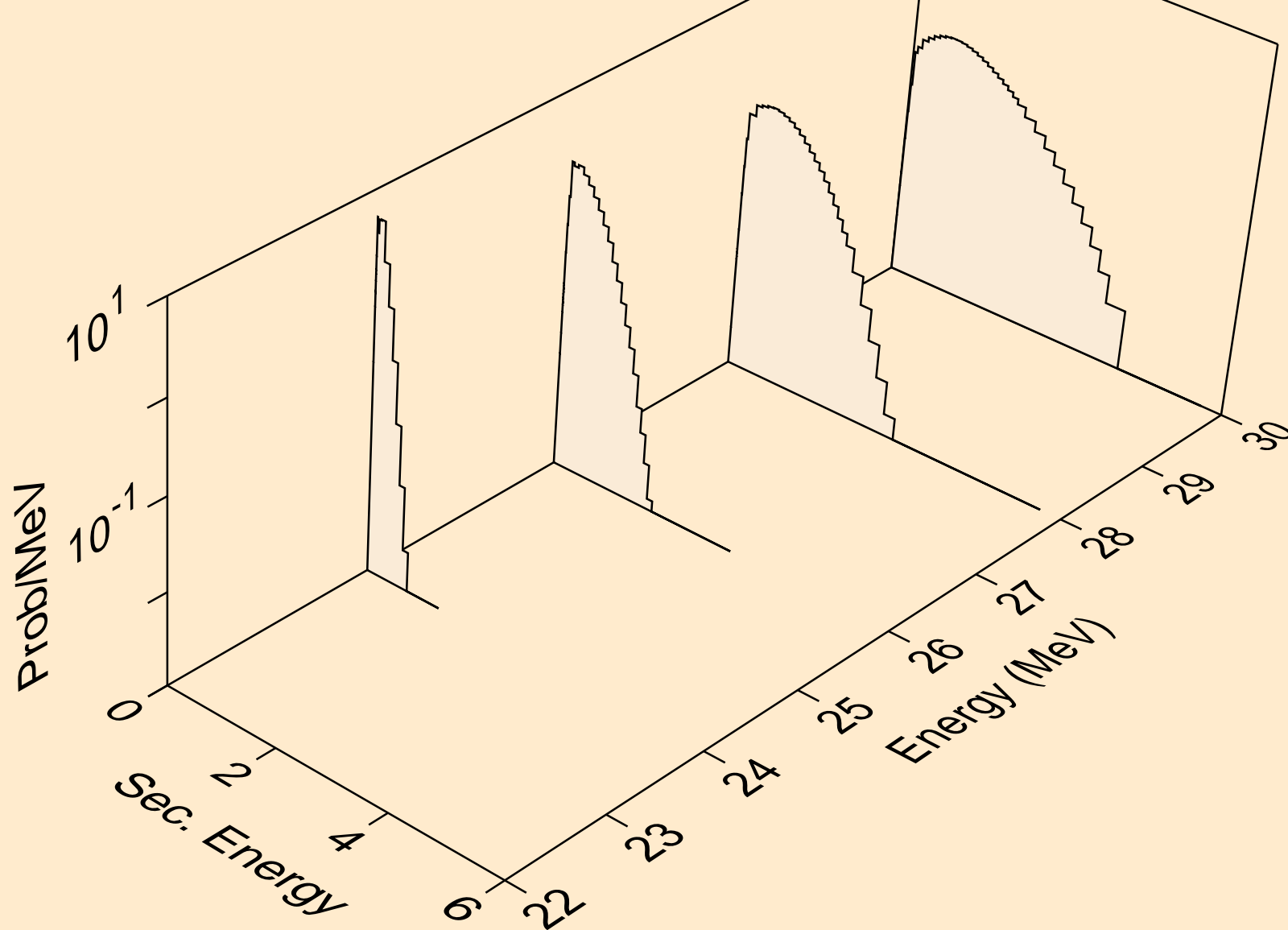
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Neutron emission for (n,n\*)2a



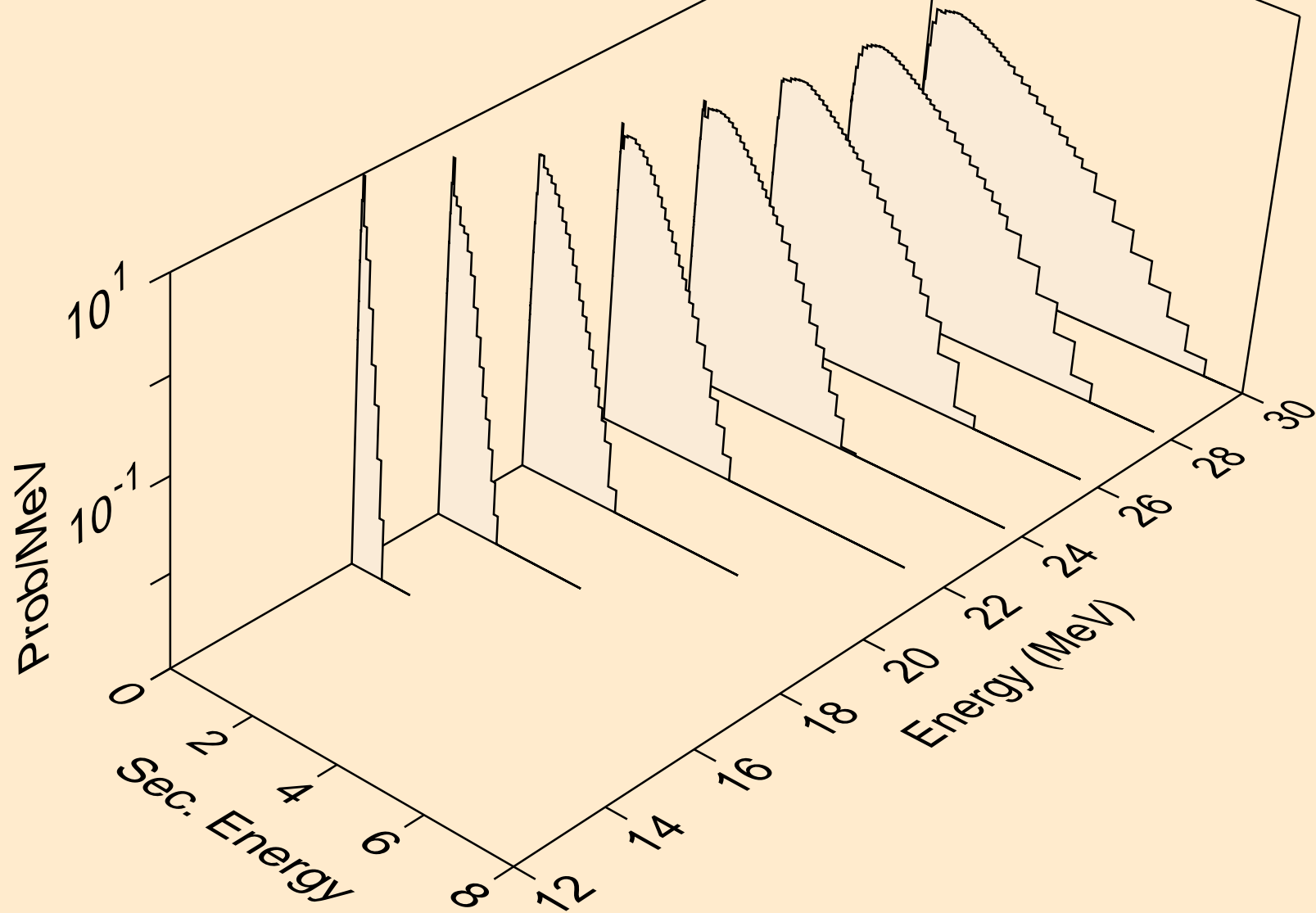
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Neutron emission for (n,n\*)d



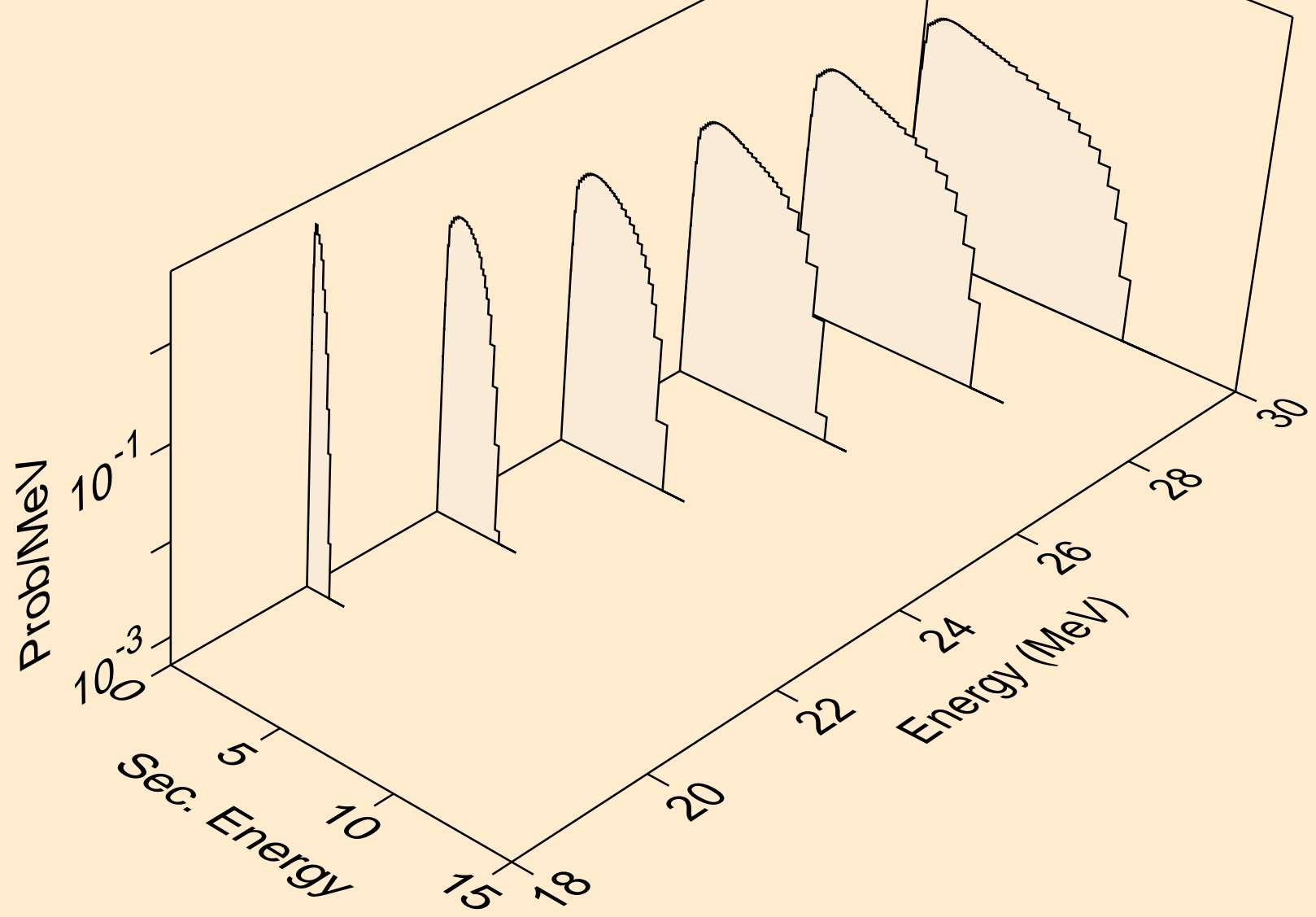
ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

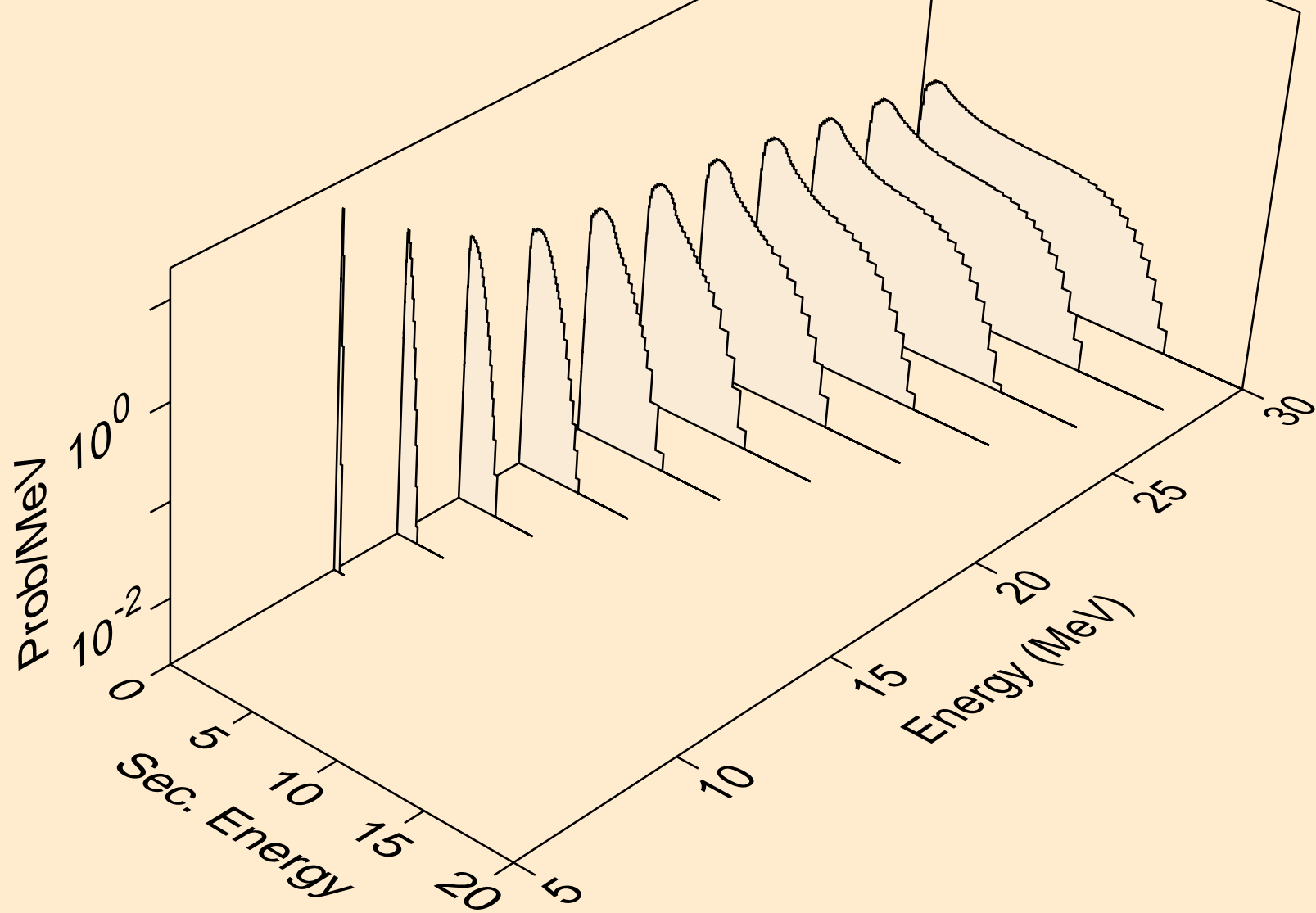


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Neutron emission for (n,2np)

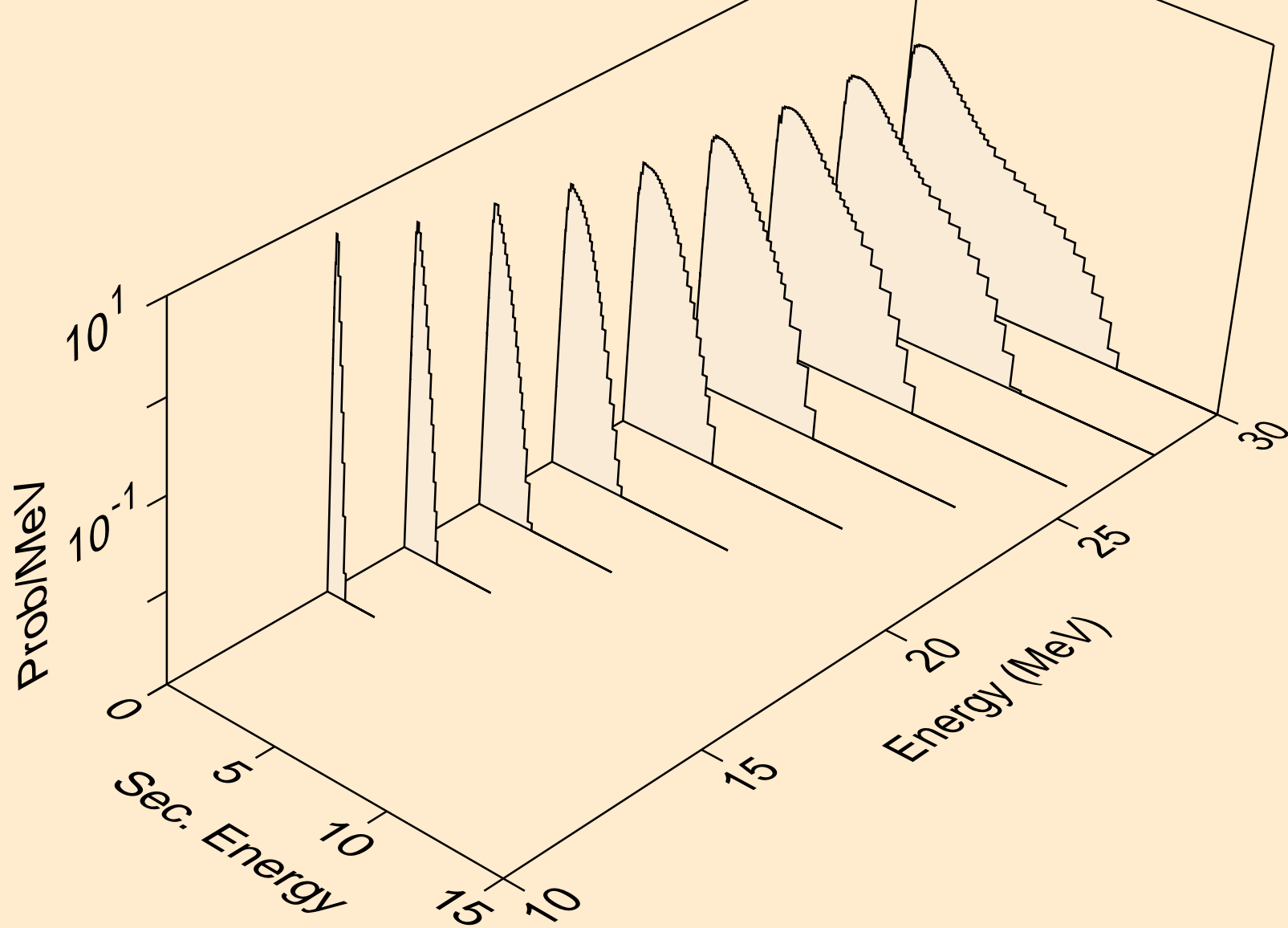




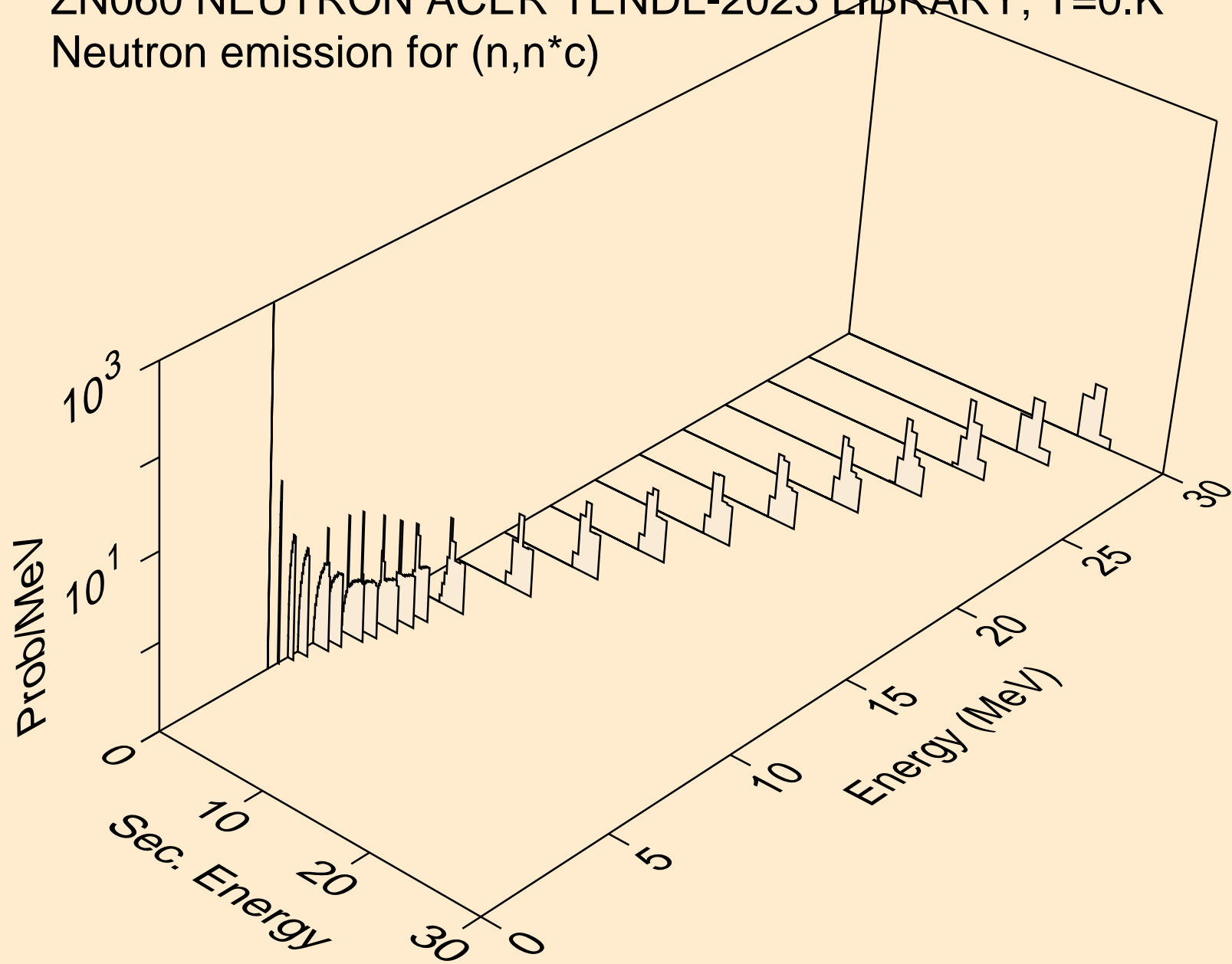
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Neutron emission for (n,n2p)



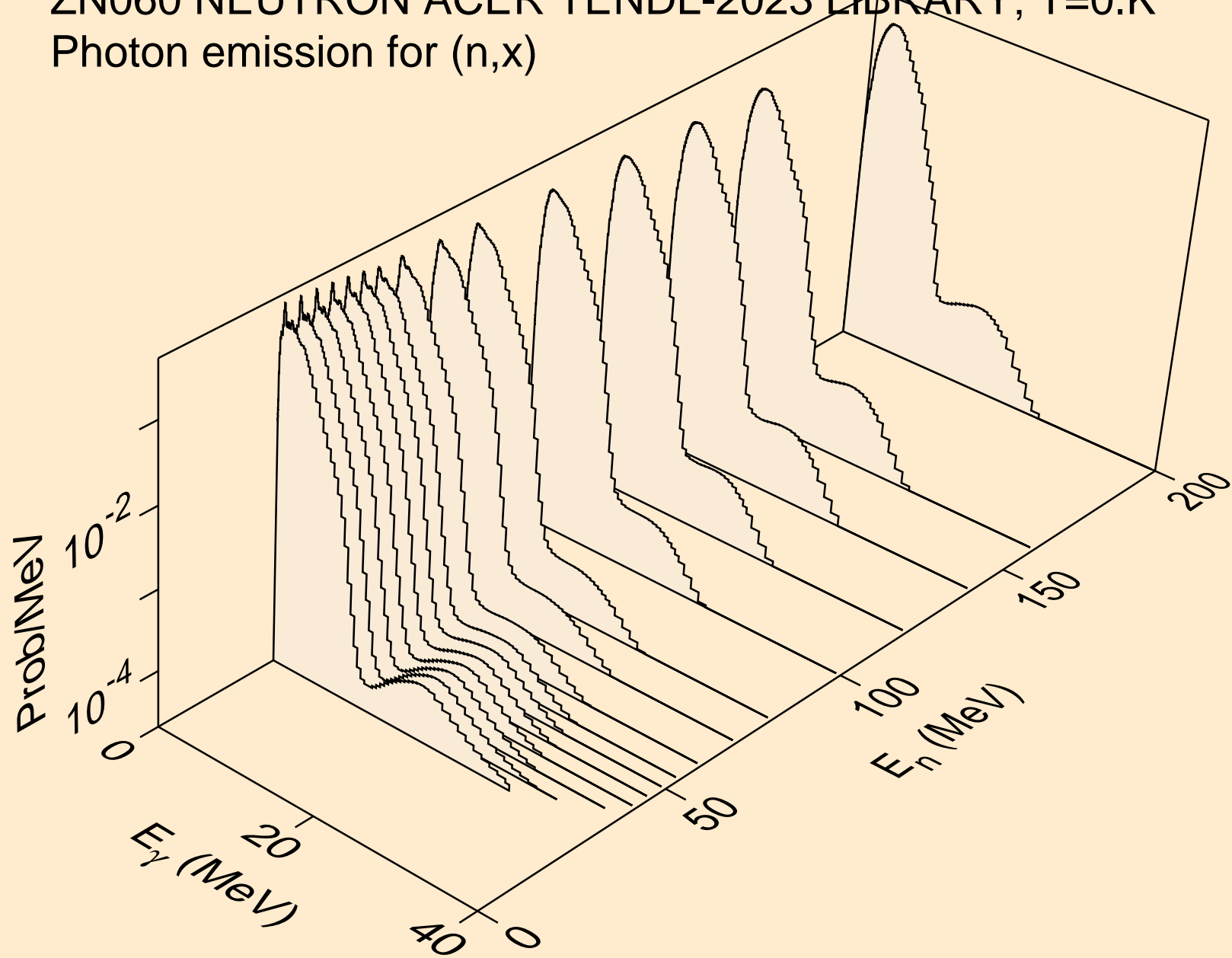
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Neutron emission for (n,npa)



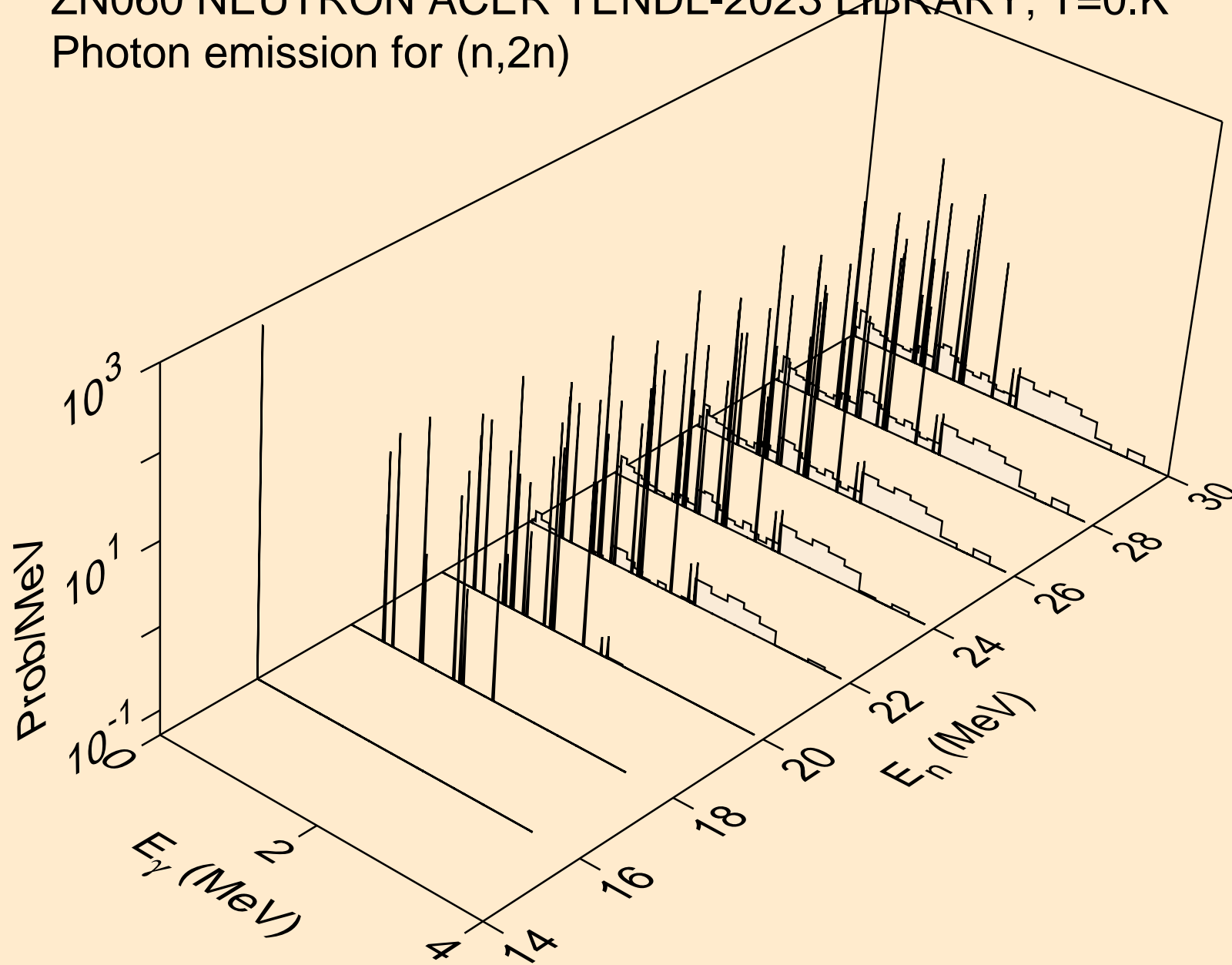
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Neutron emission for (n,n\*c)



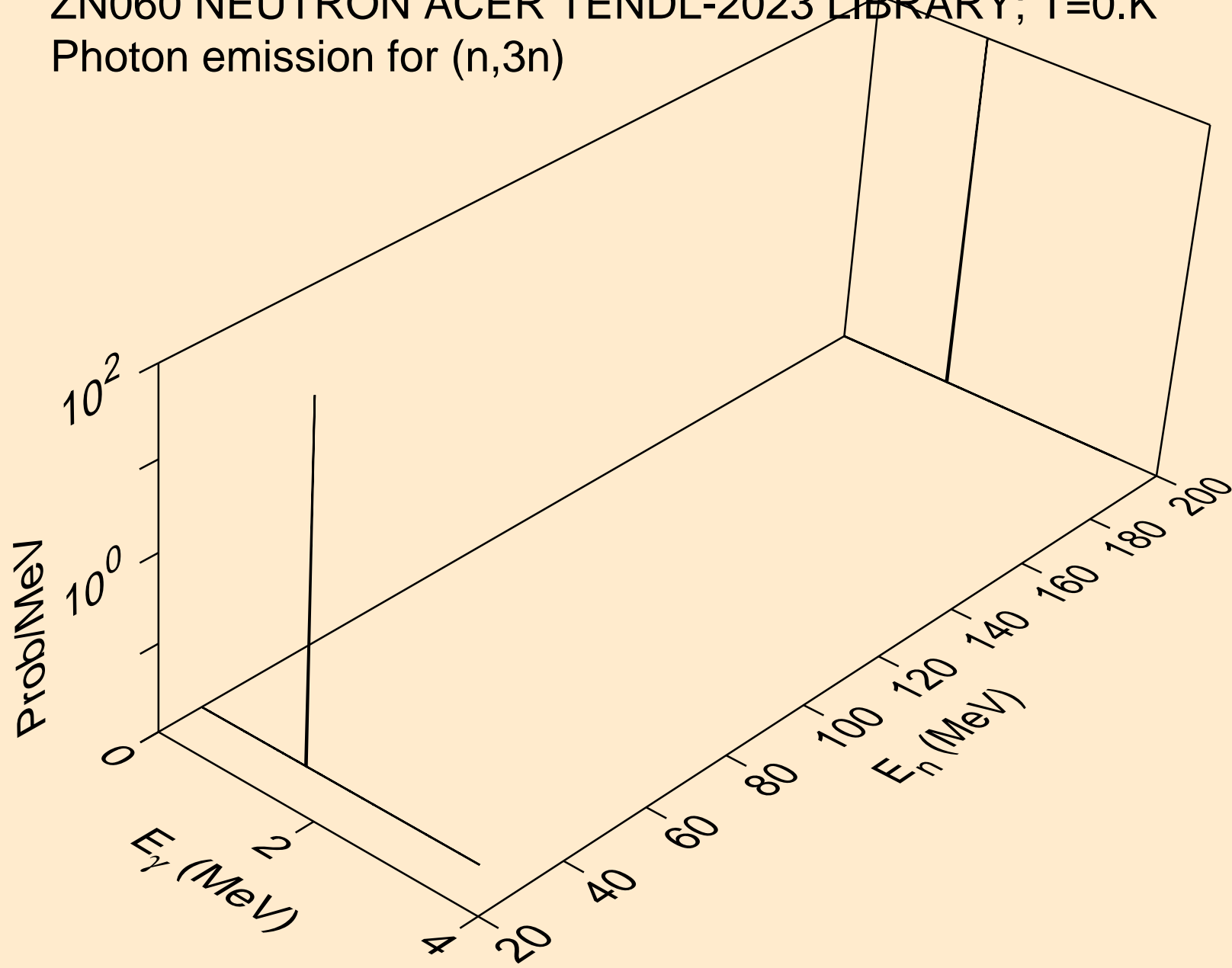
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Photon emission for (n,x)



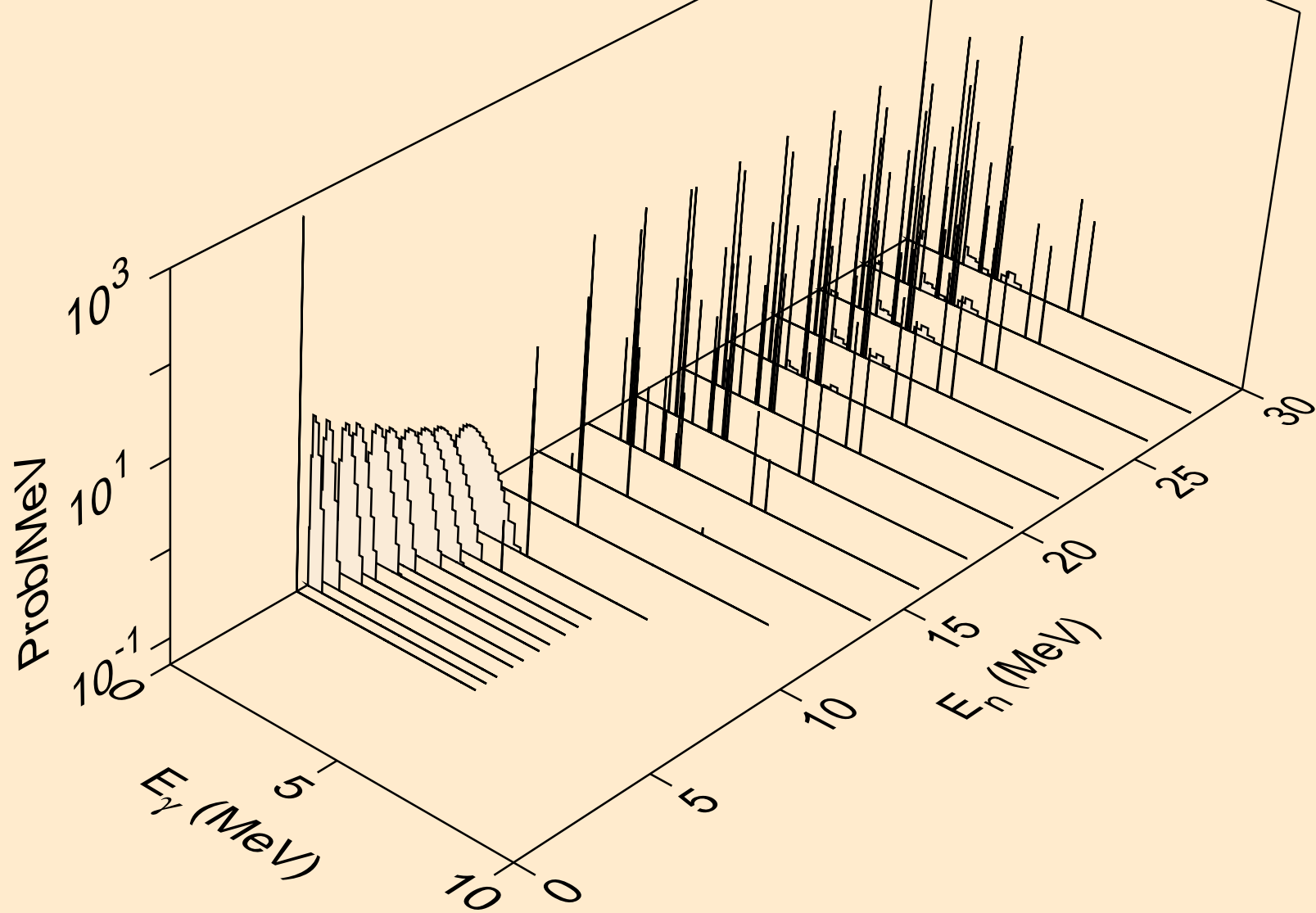
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Photon emission for (n,2n)



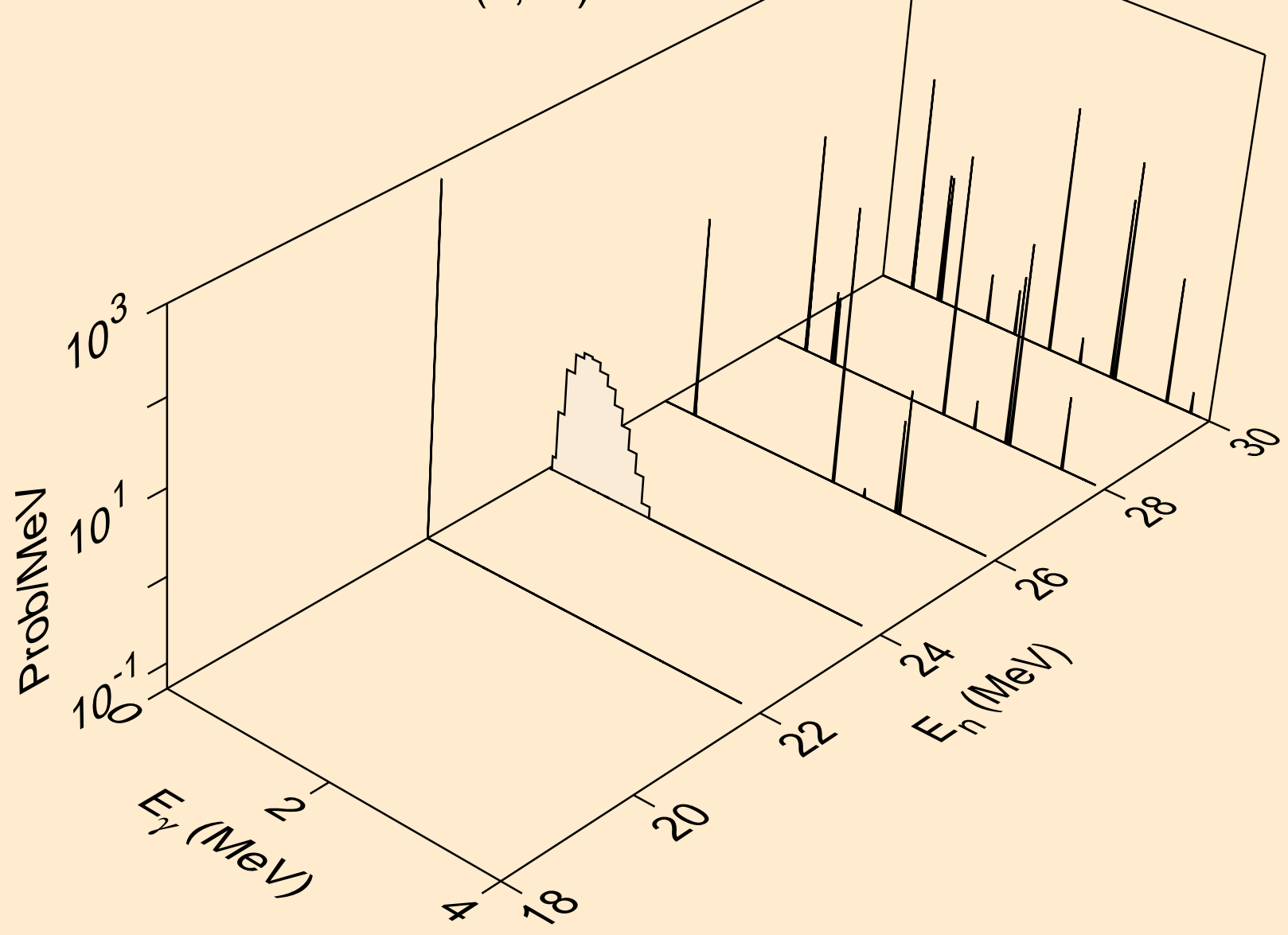
ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

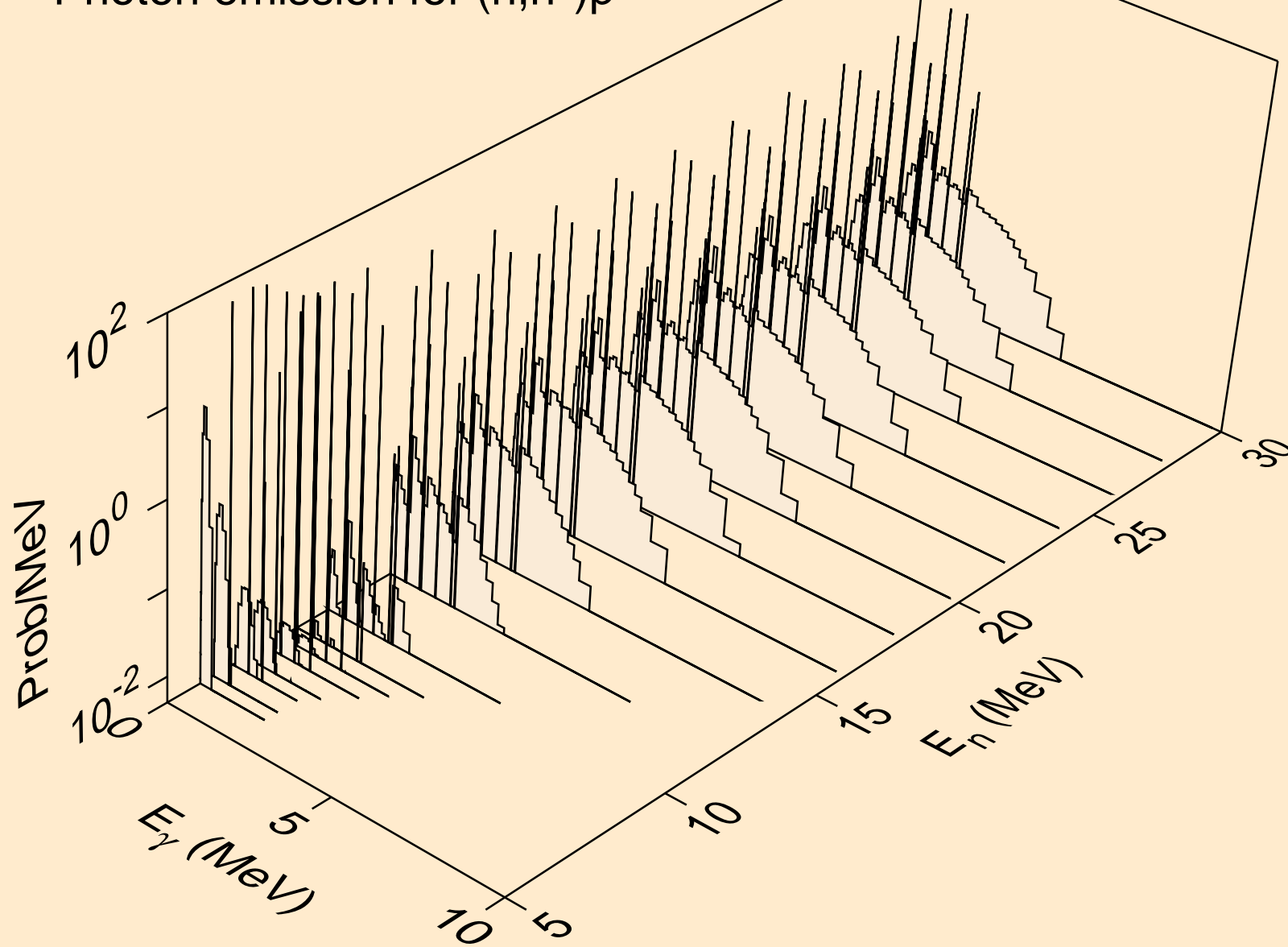


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Photon emission for (n,2n)a

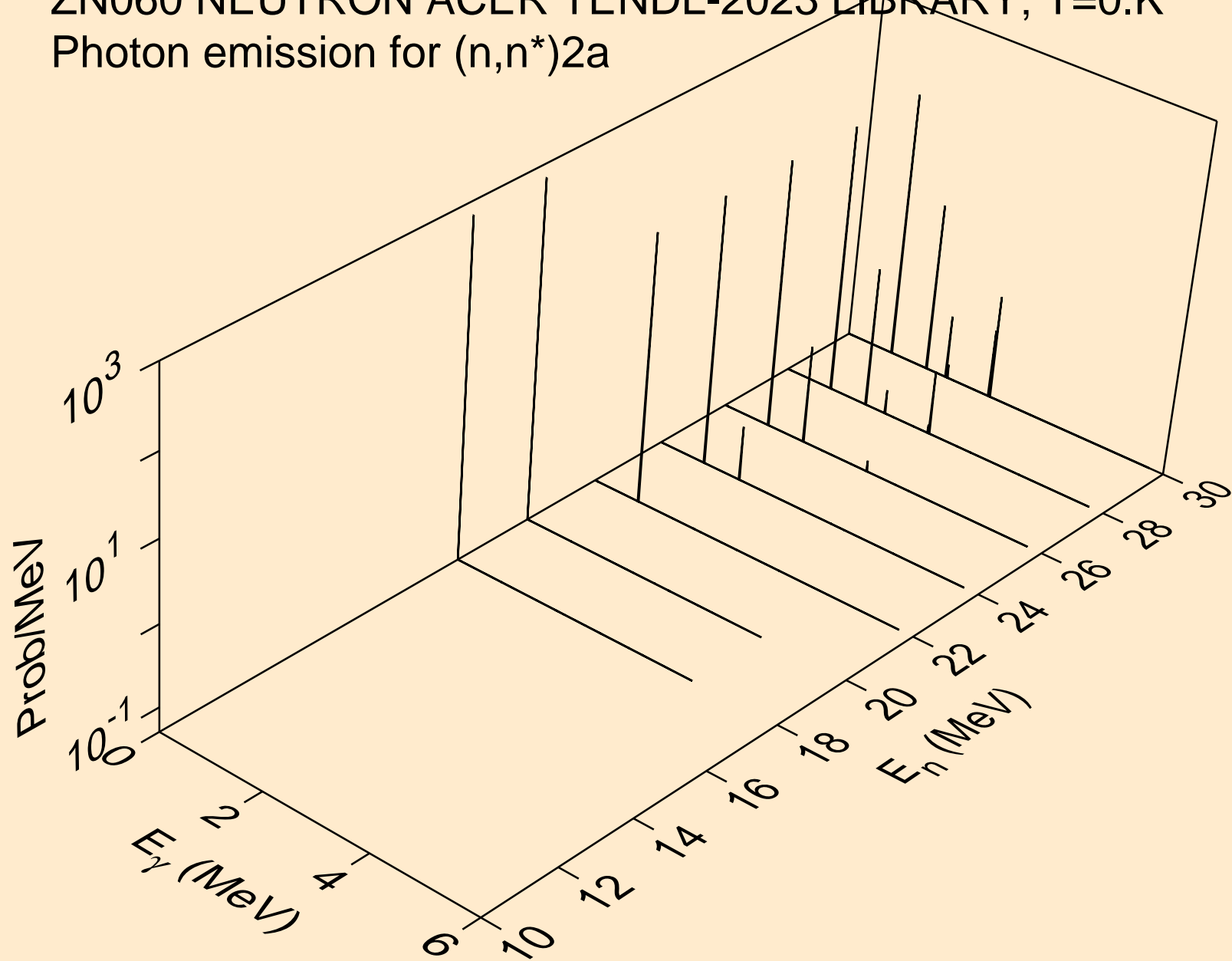




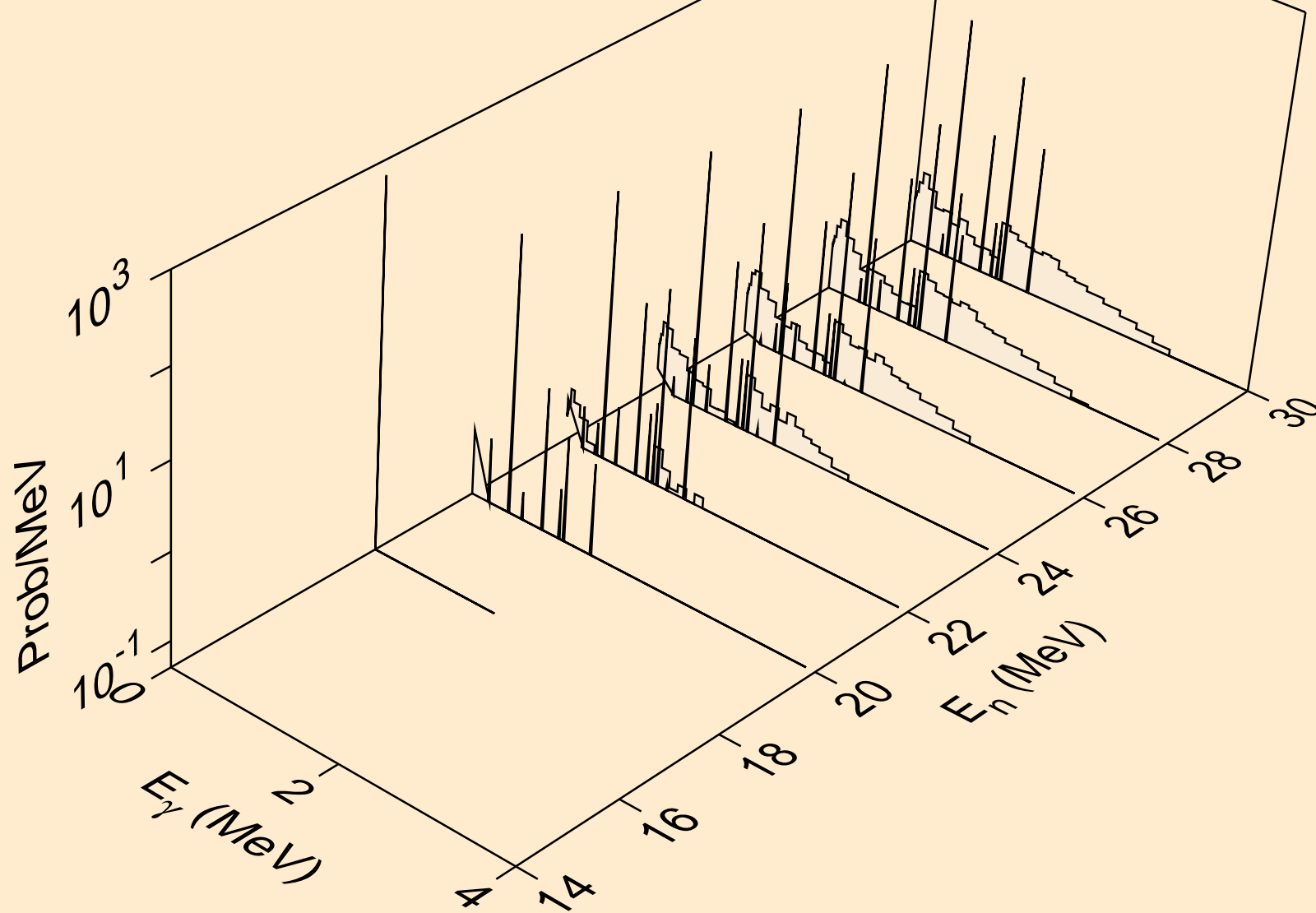
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Photon emission for (n,n\*)p



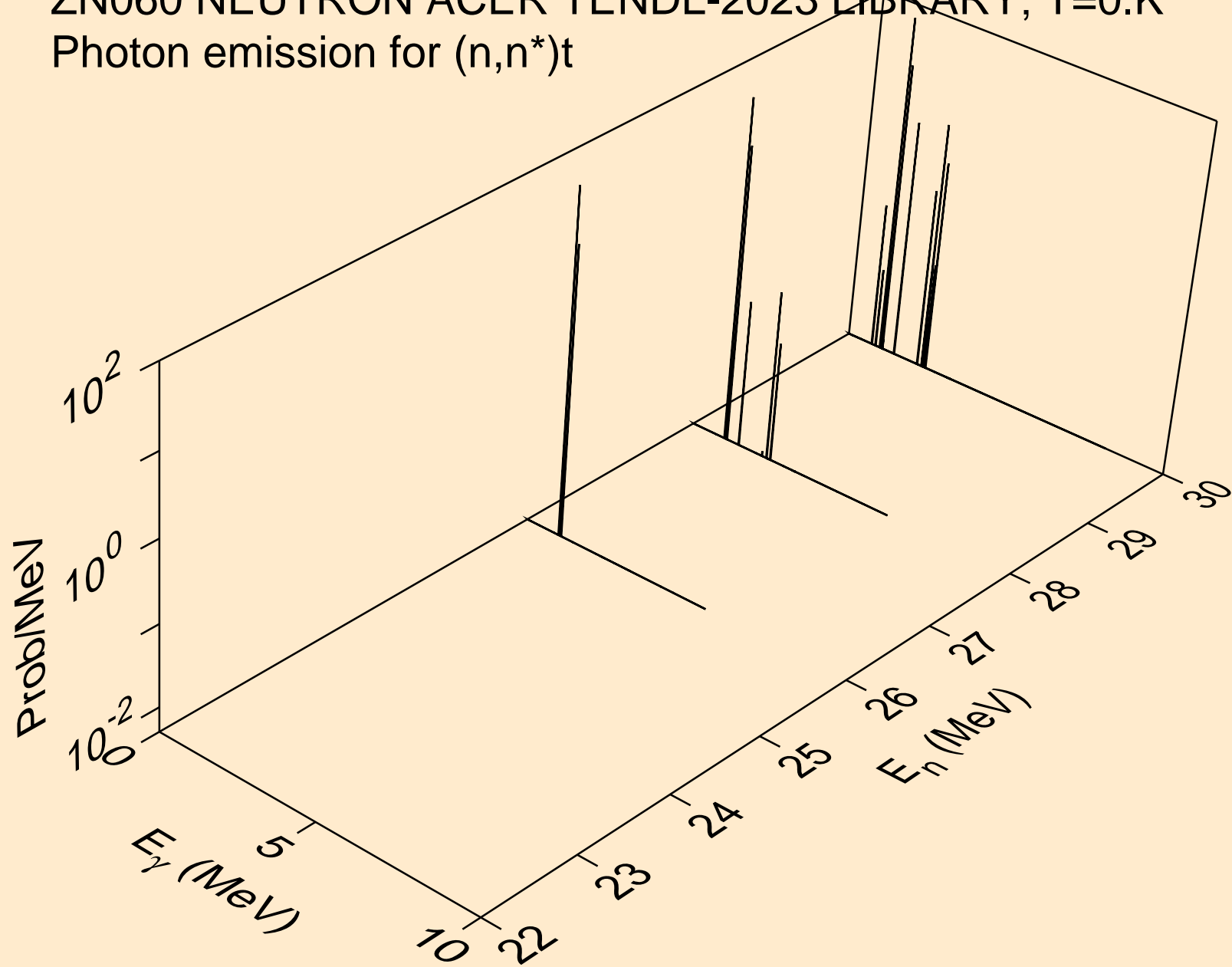
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Photon emission for (n,n\*)2a



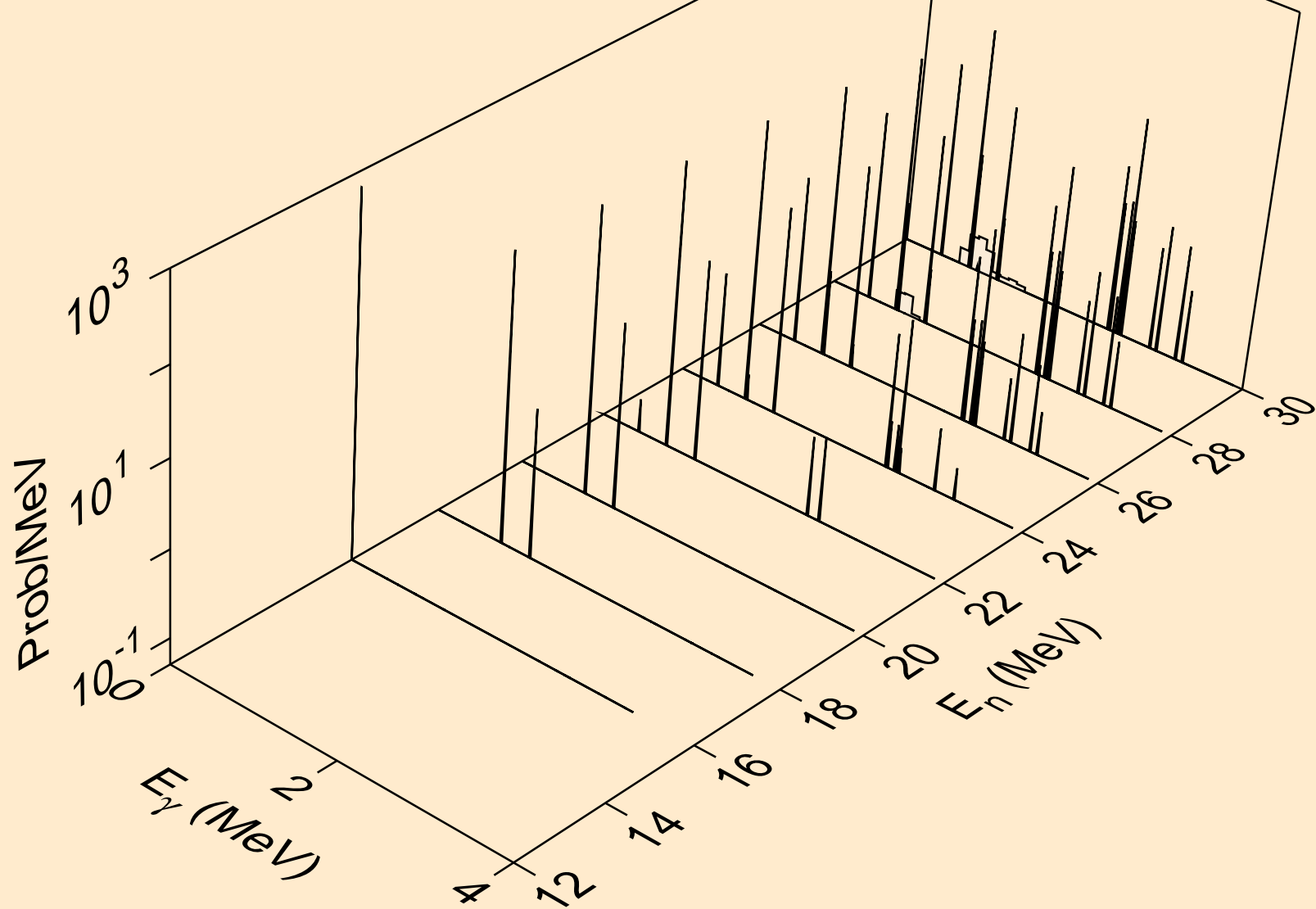
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Photon emission for (n,n\*)d



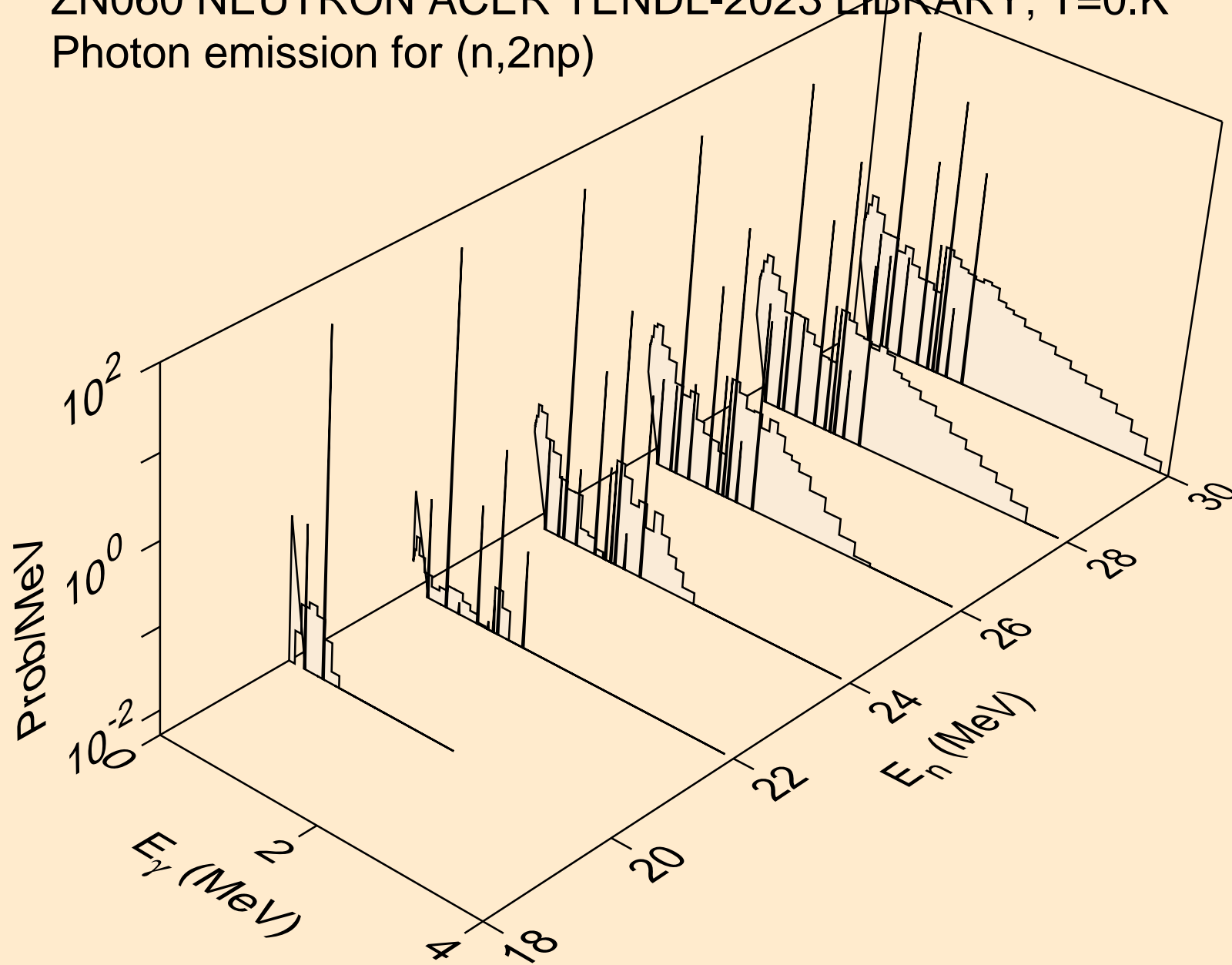
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Photon emission for (n,n\*)t



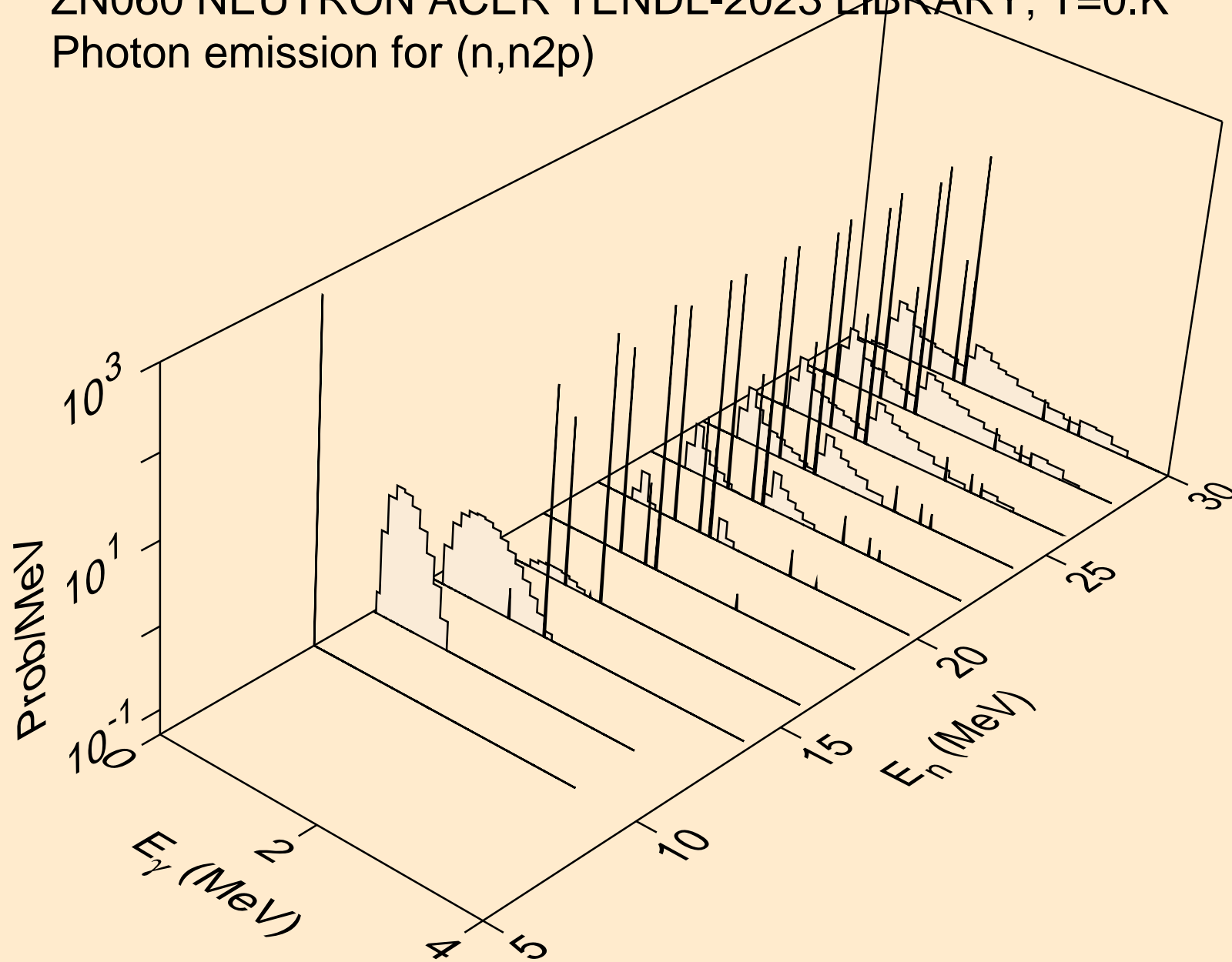
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Photon emission for (n,n\*)he3



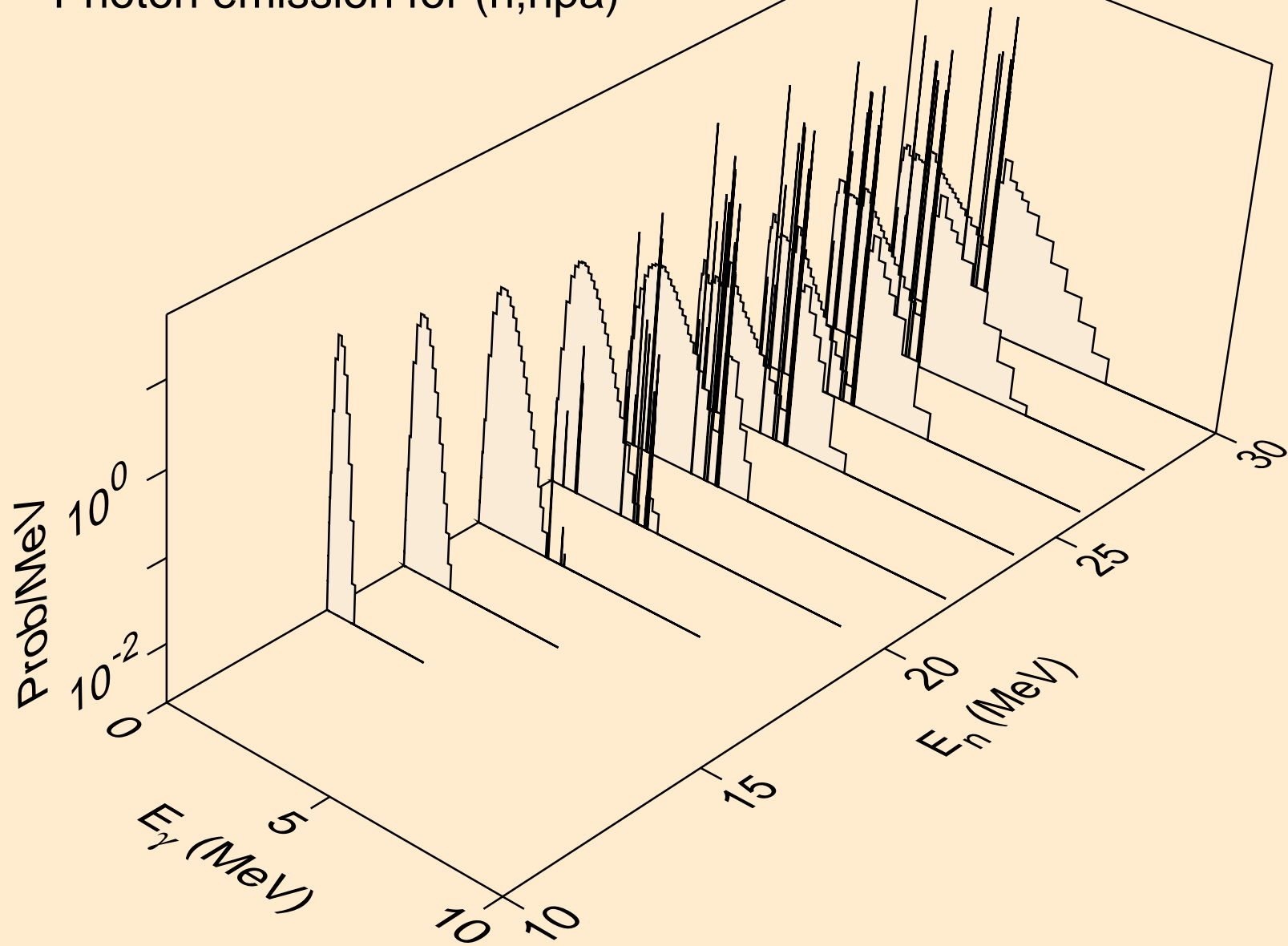
ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

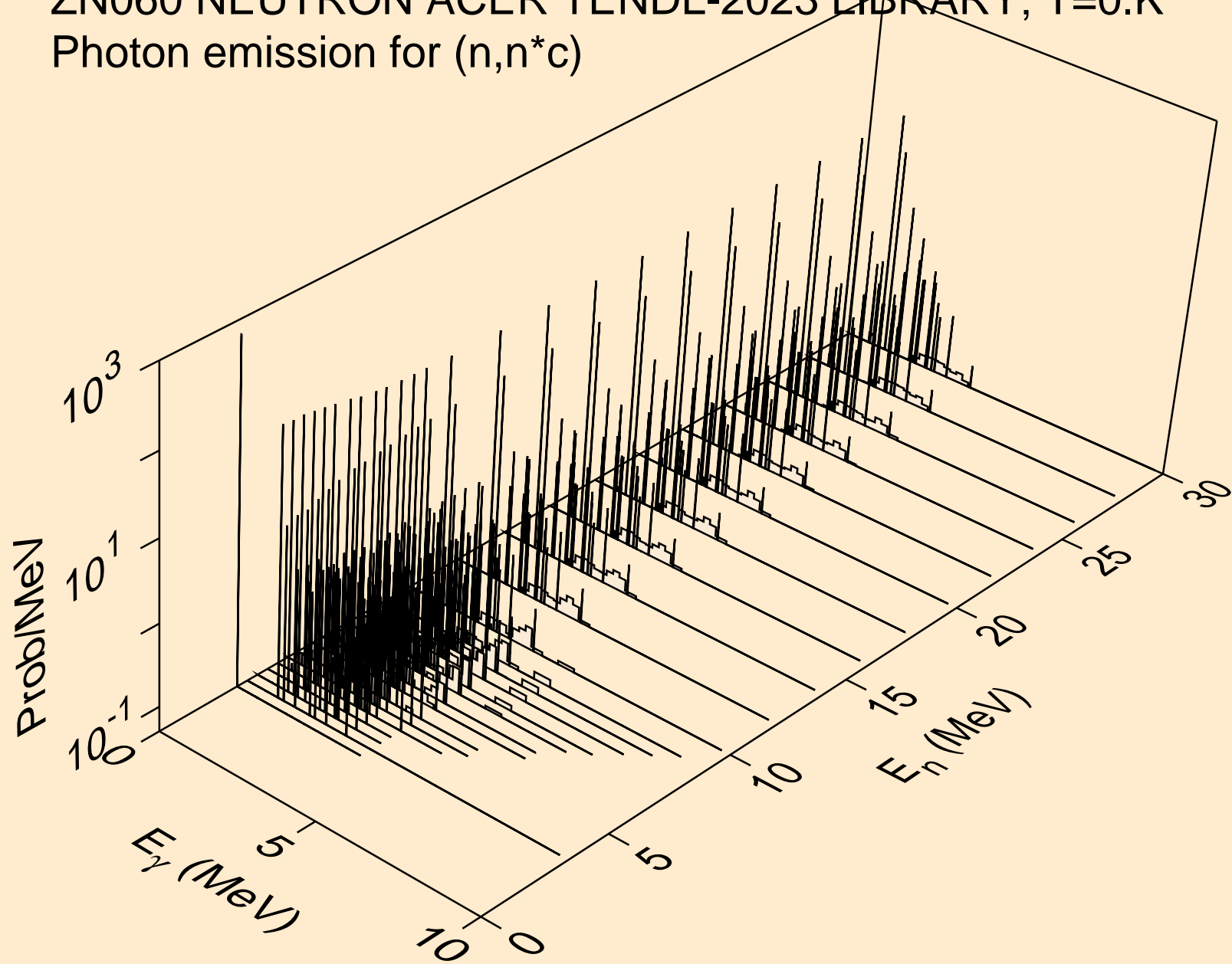


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Photon emission for (n,npa)

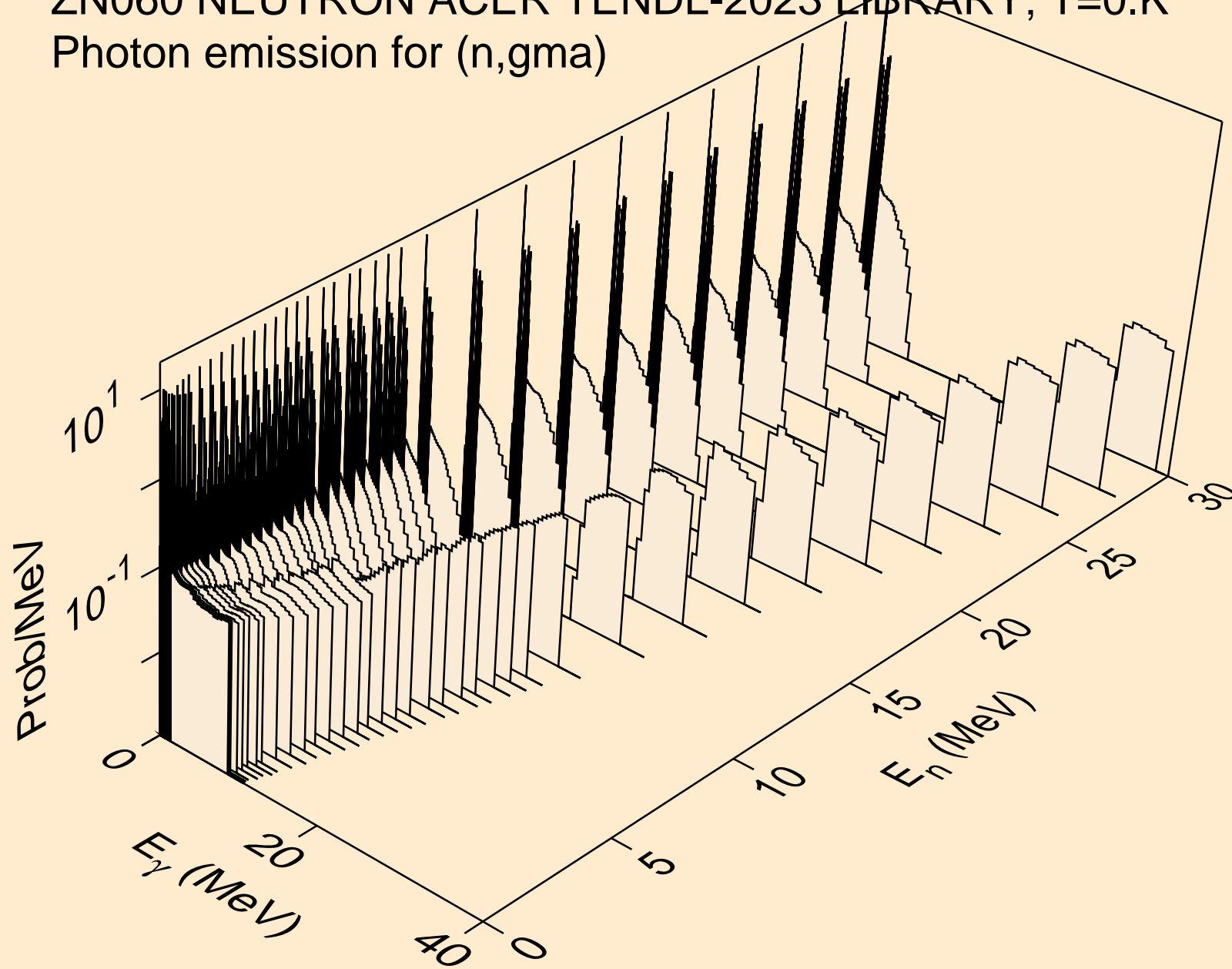




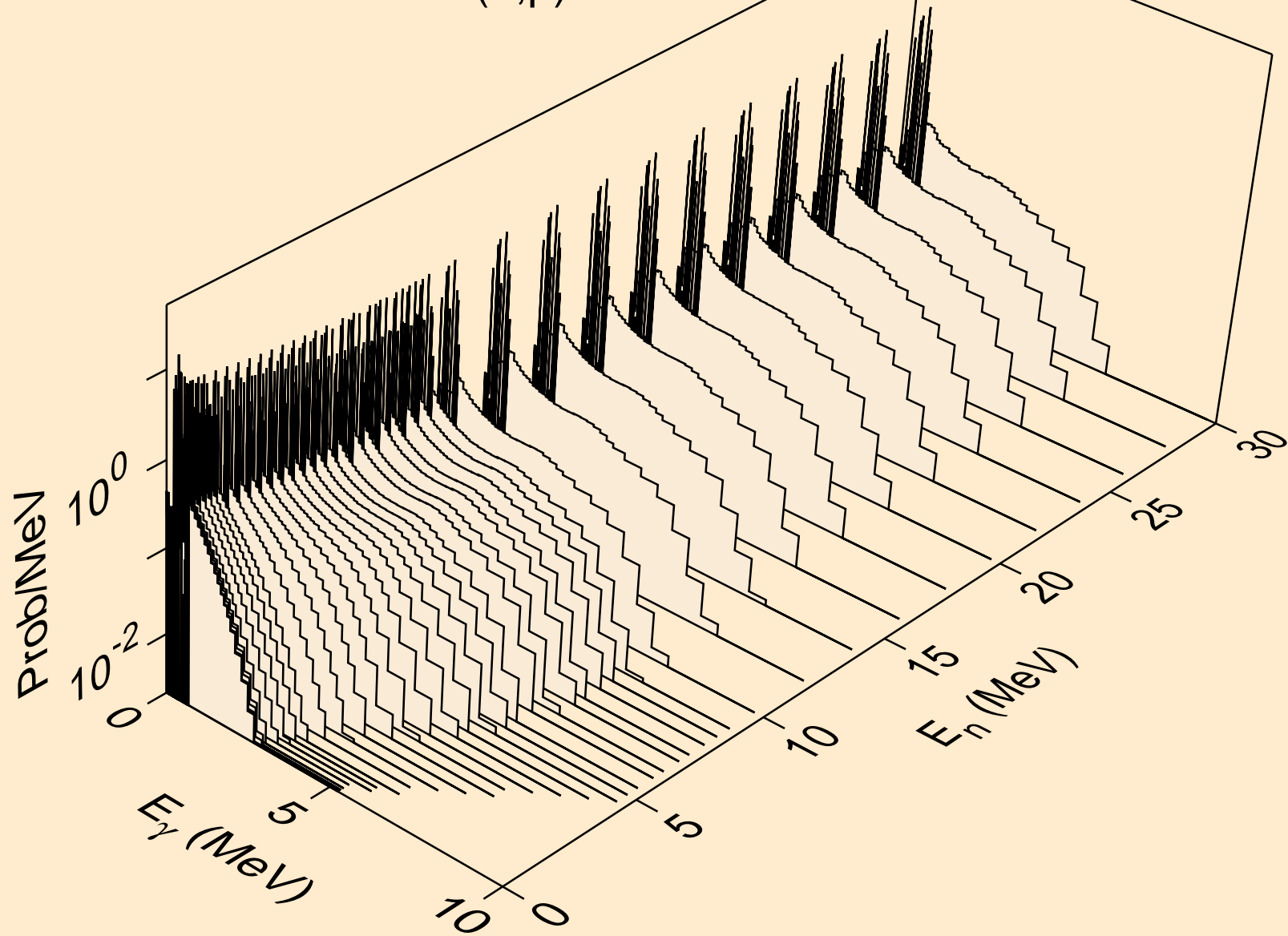
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Photon emission for (n,n\*c)



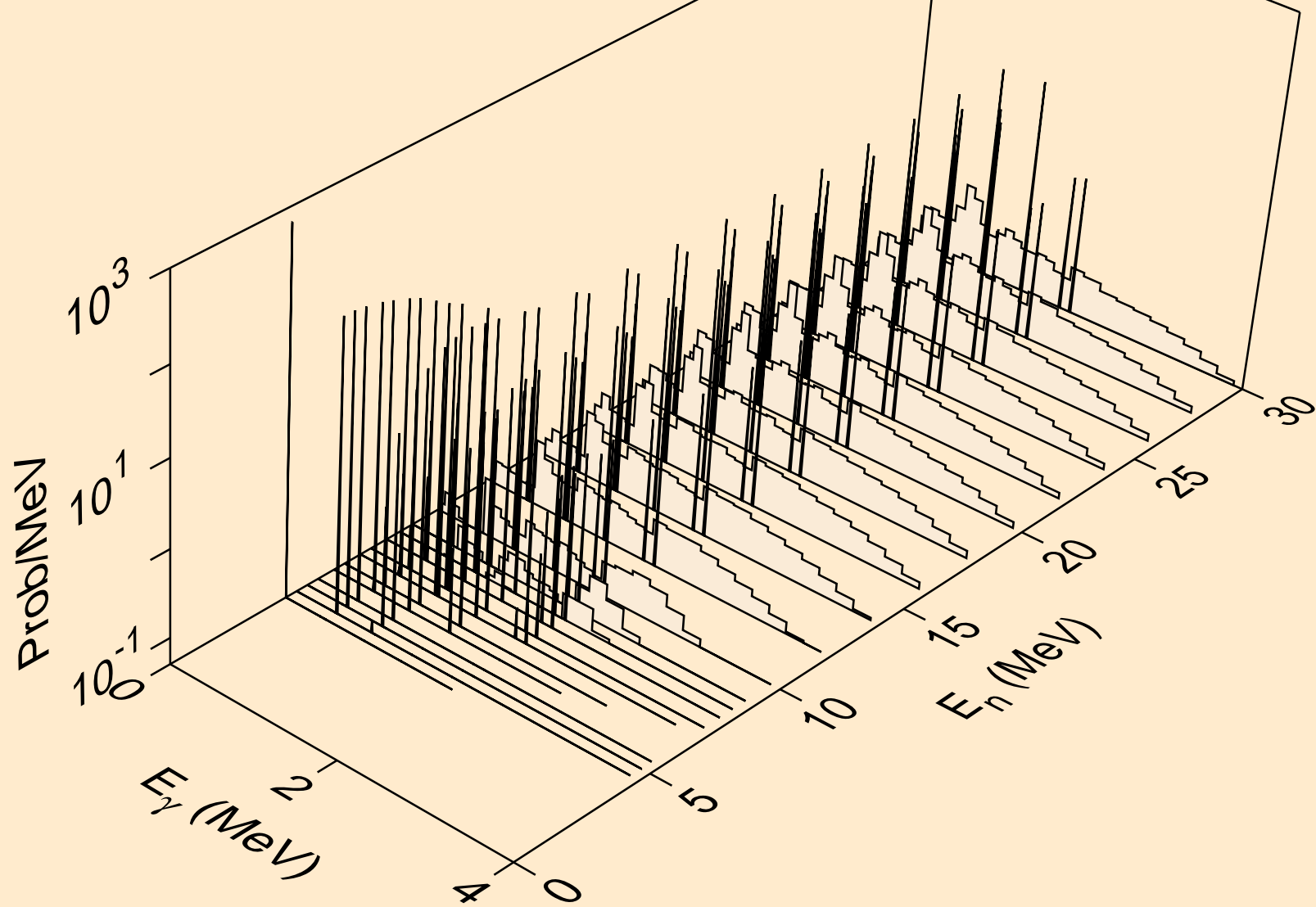
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Photon emission for (n,gma)



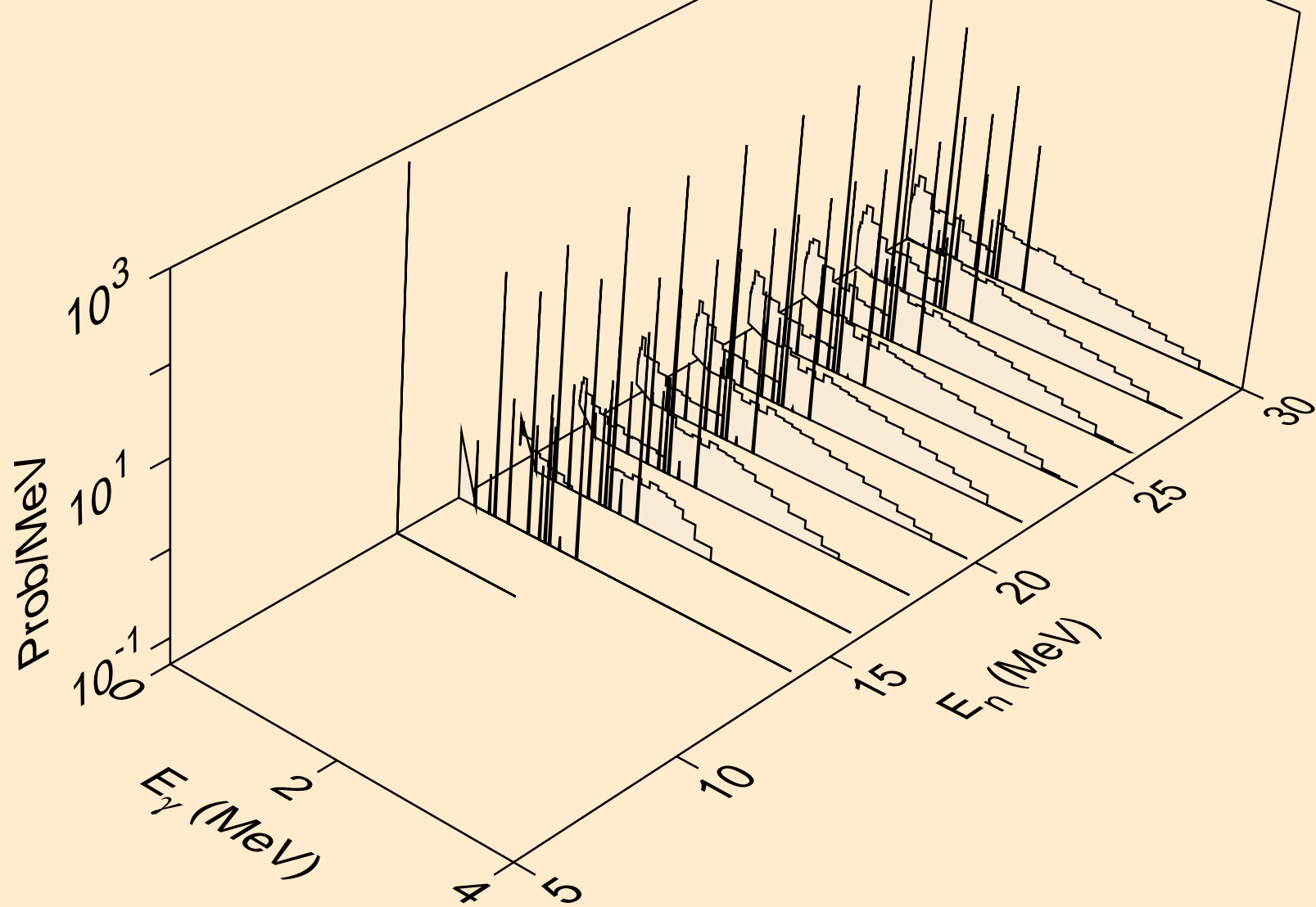
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Photon emission for (n,p)



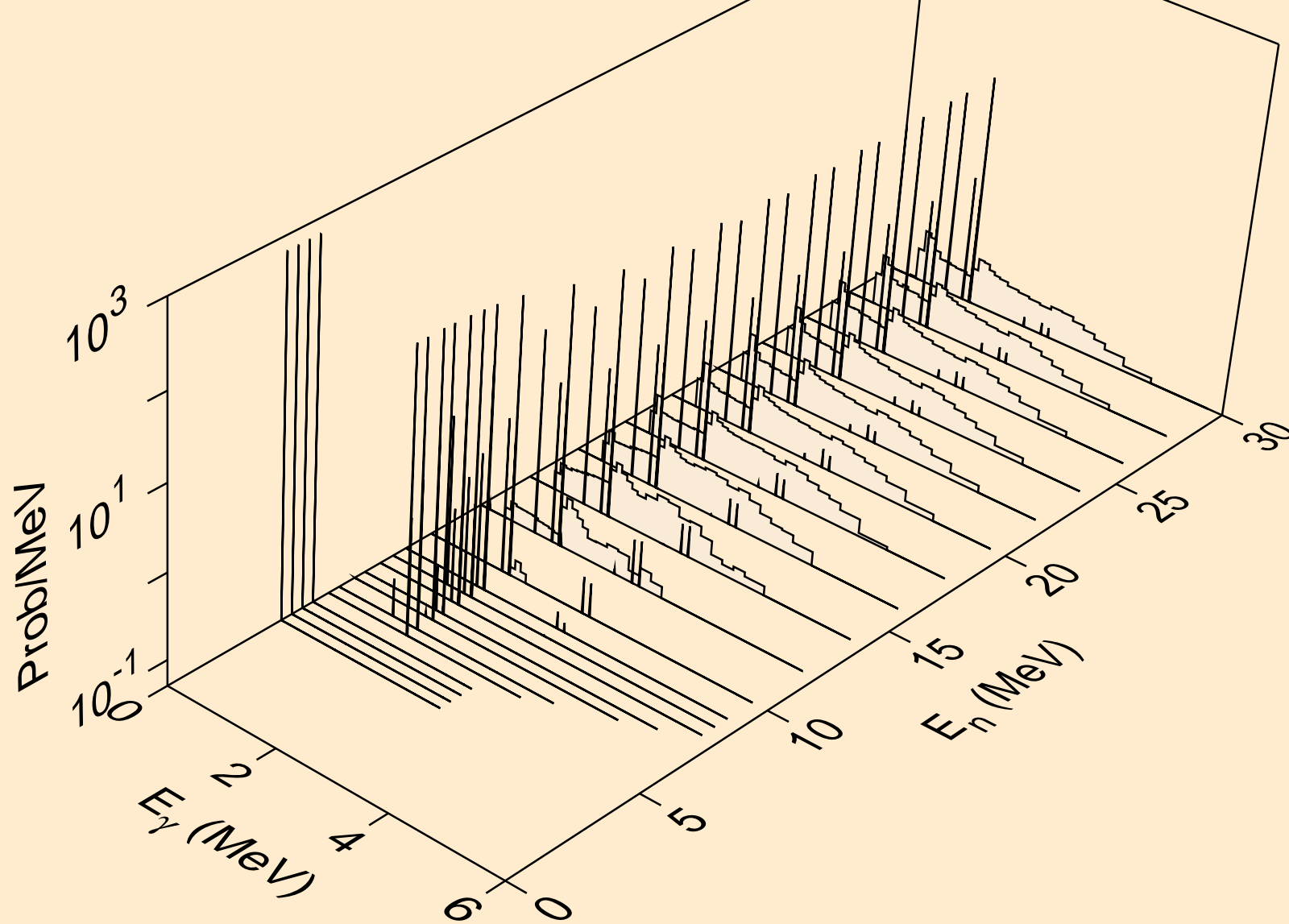
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Photon emission for (n,d)



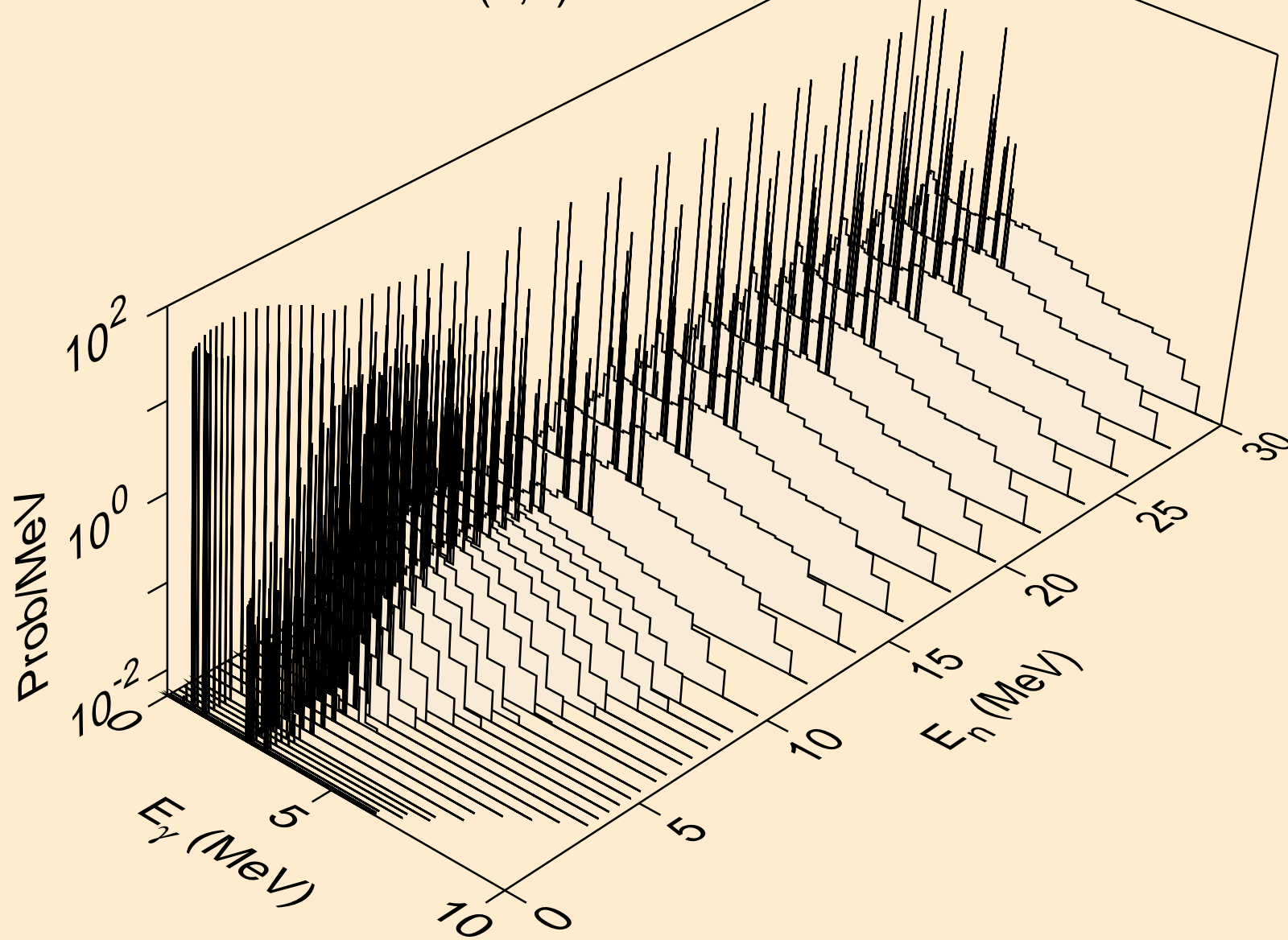
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Photon emission for (n,t)



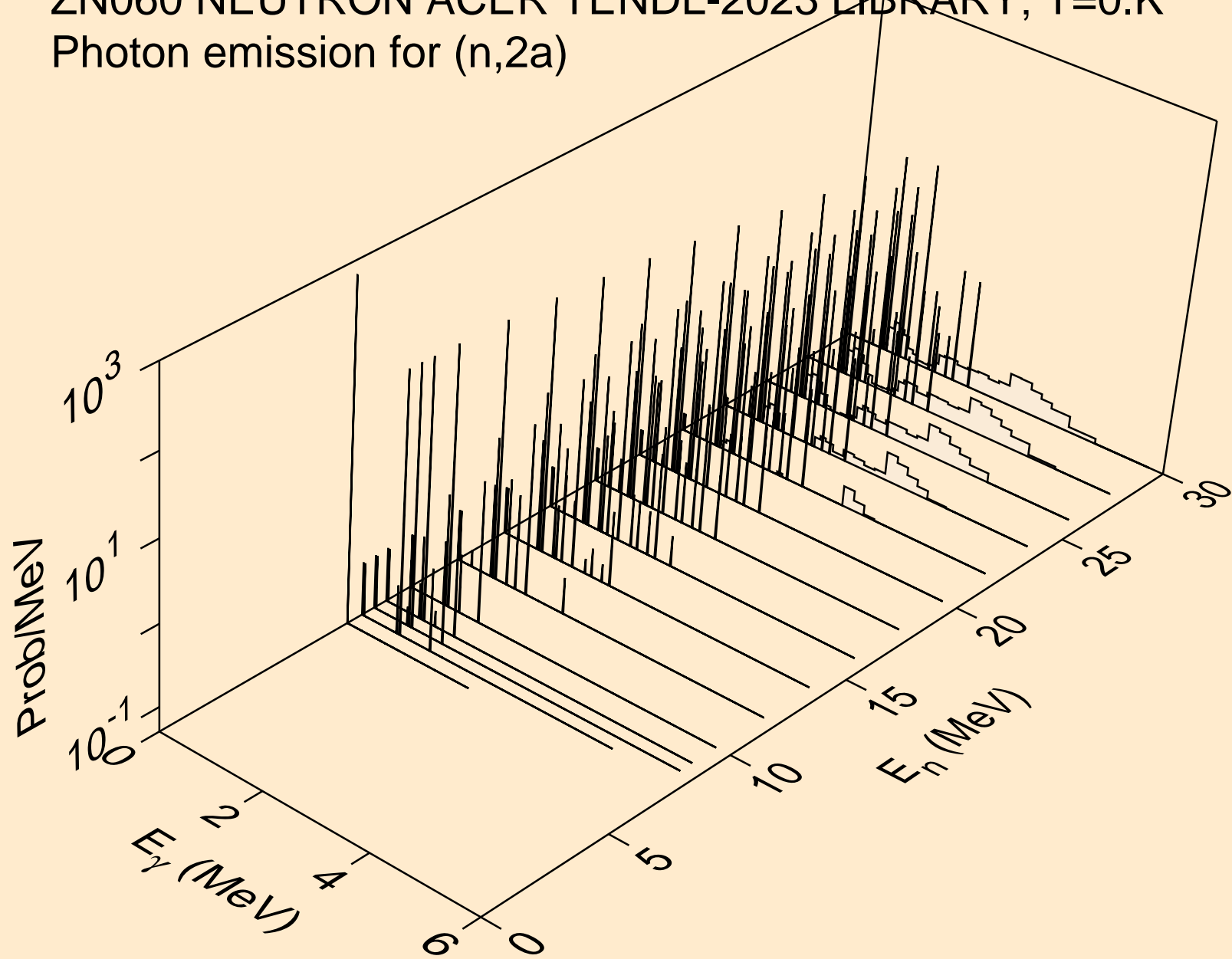
ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

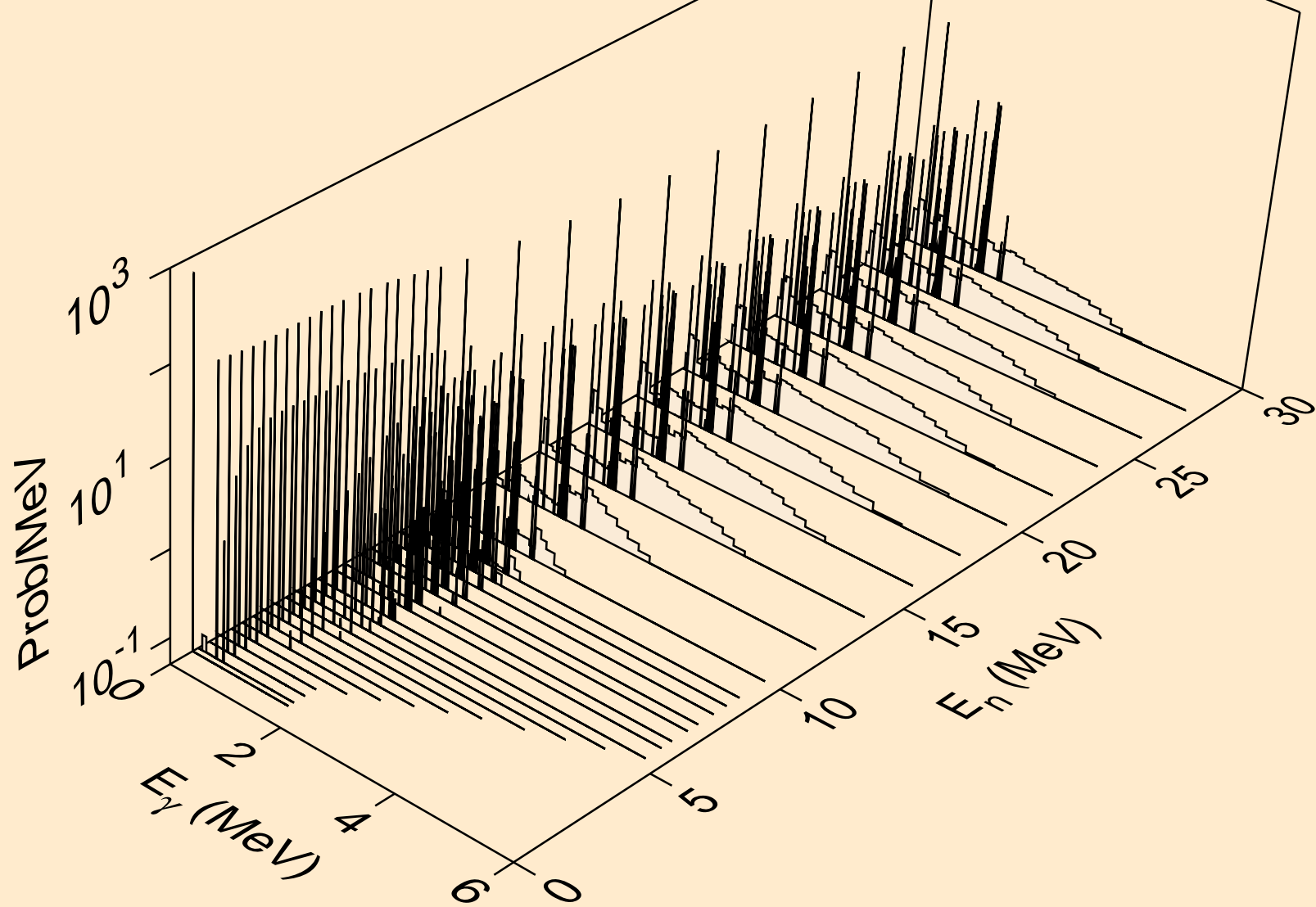


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Photon emission for (n,2a)

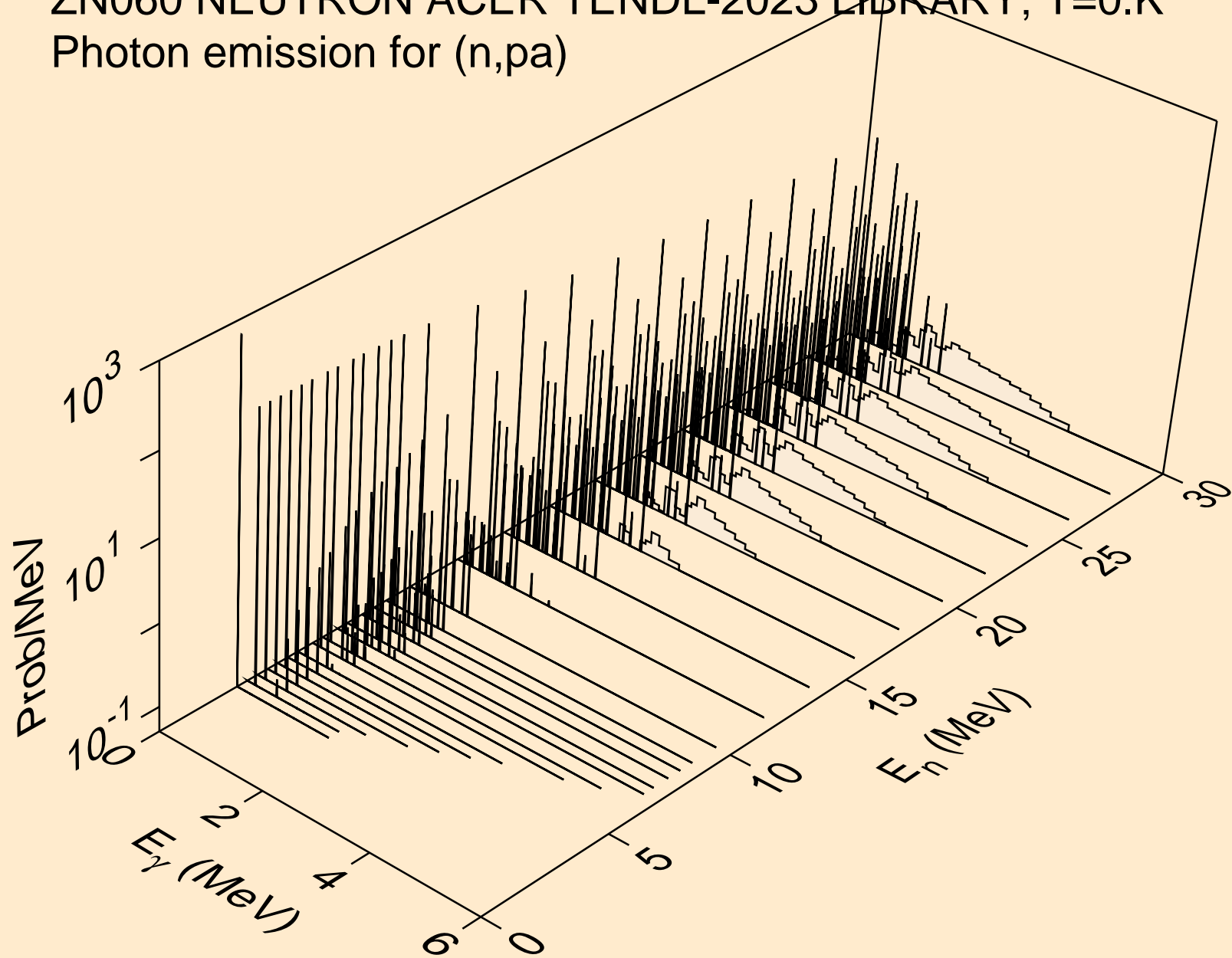




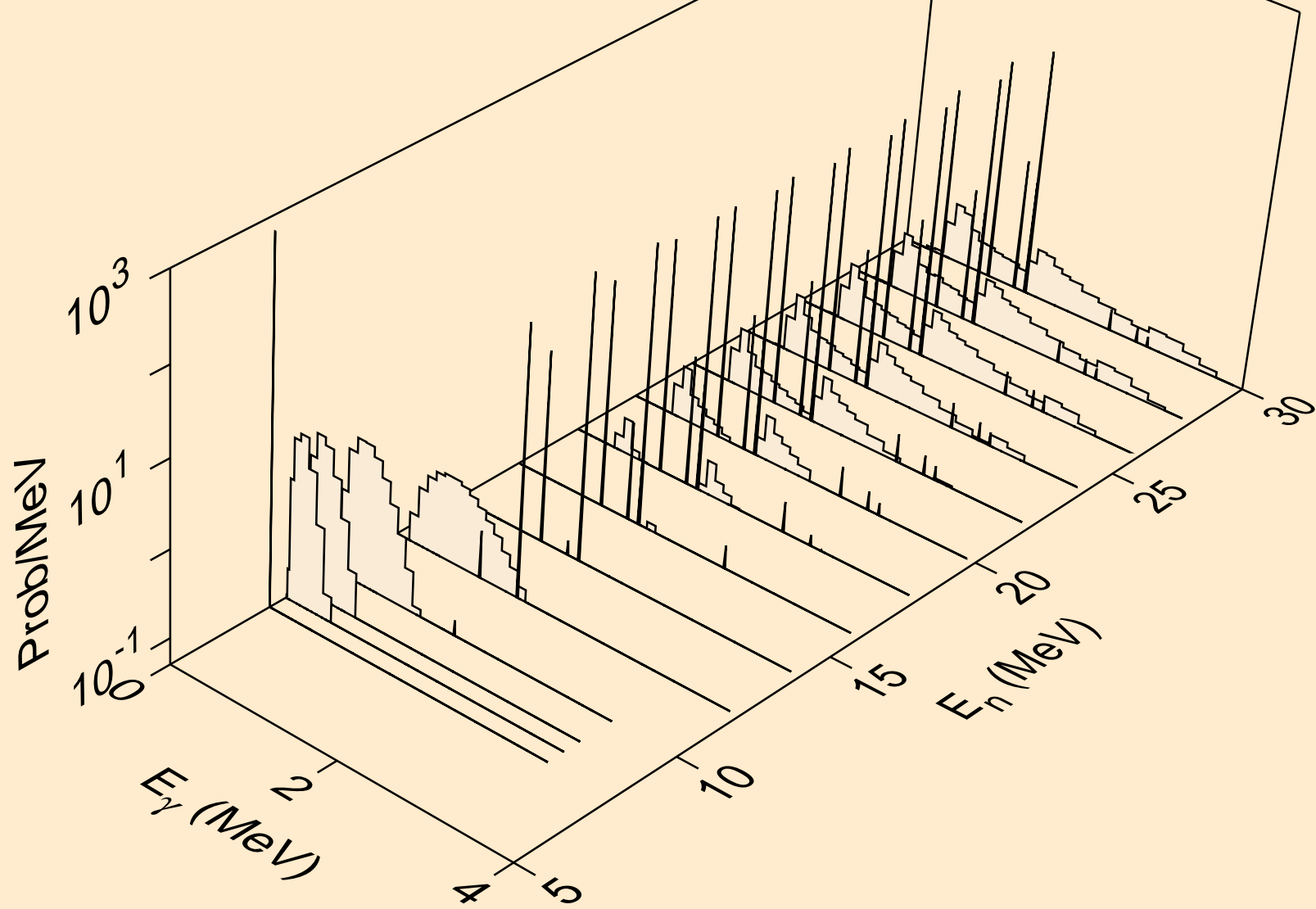
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Photon emission for (n,2p)



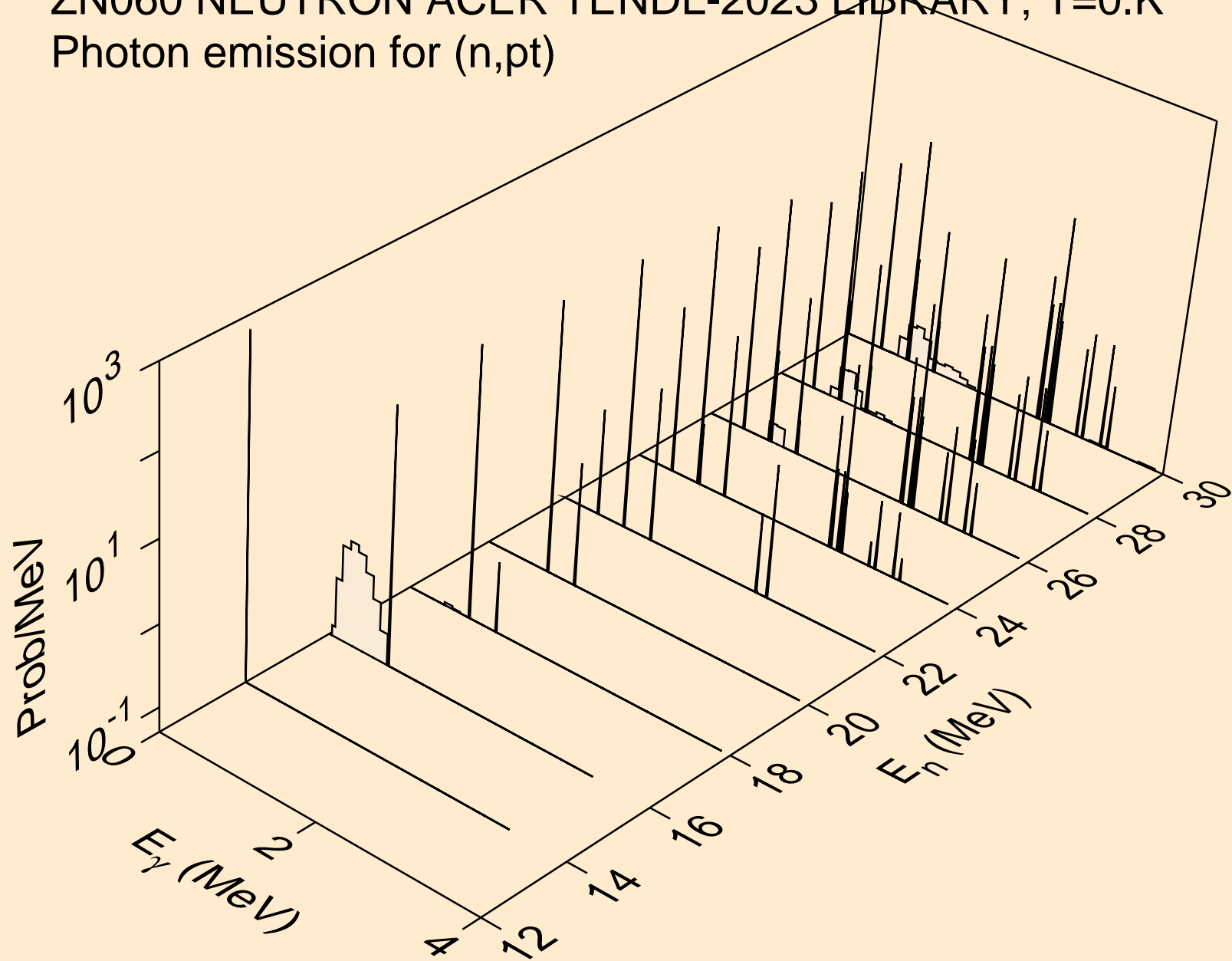
ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



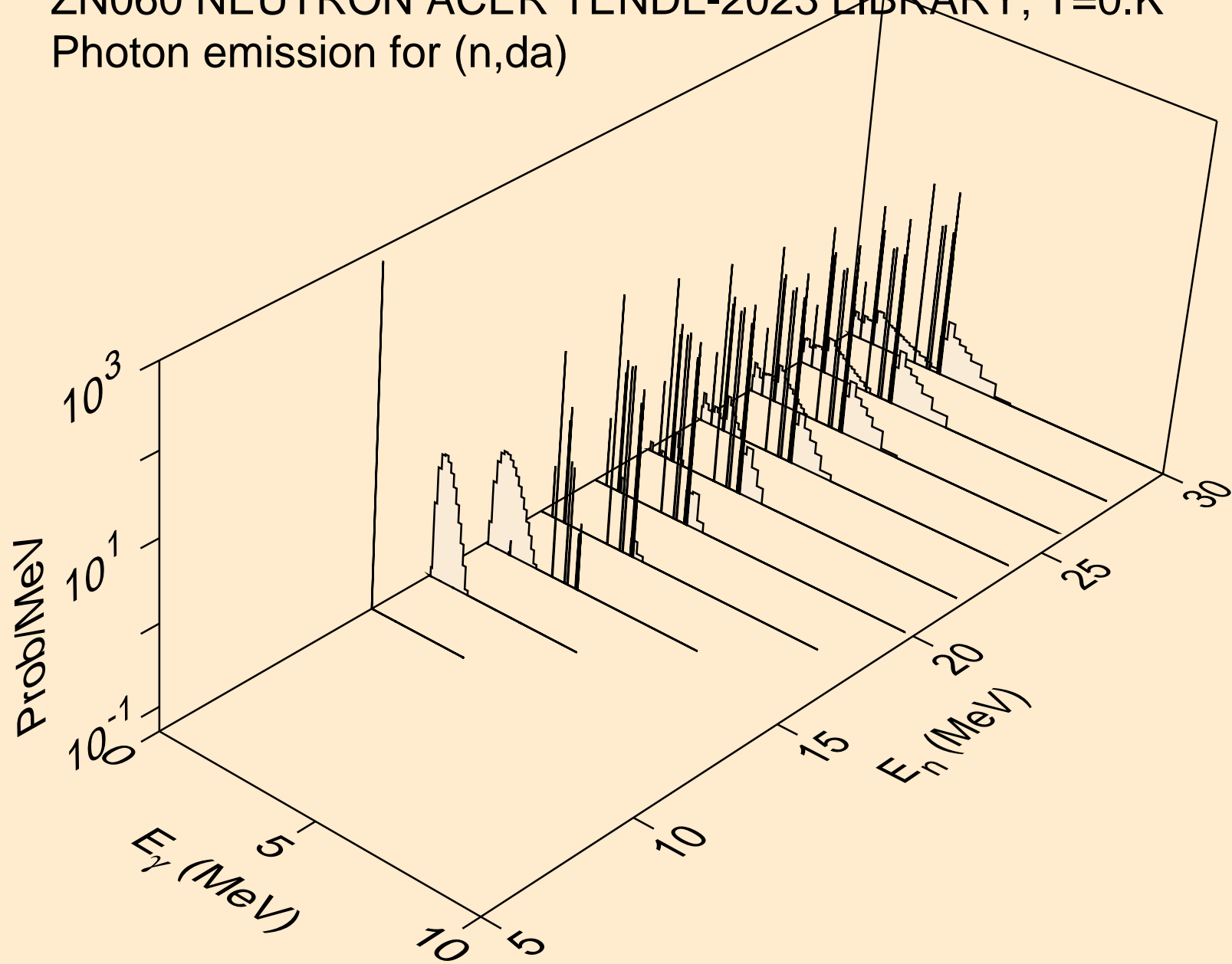
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Photon emission for (n,pd)



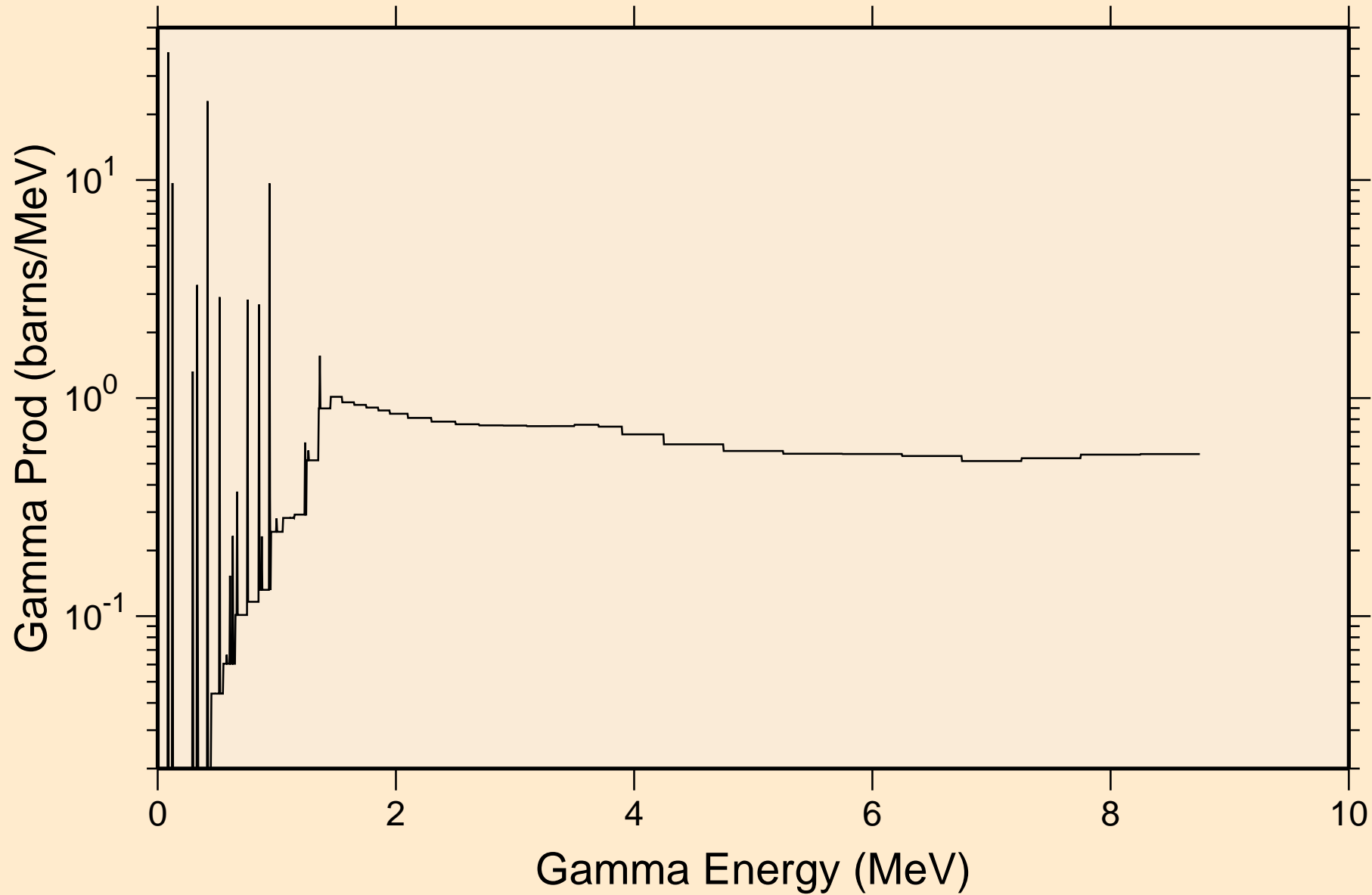
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Photon emission for (n,pt)



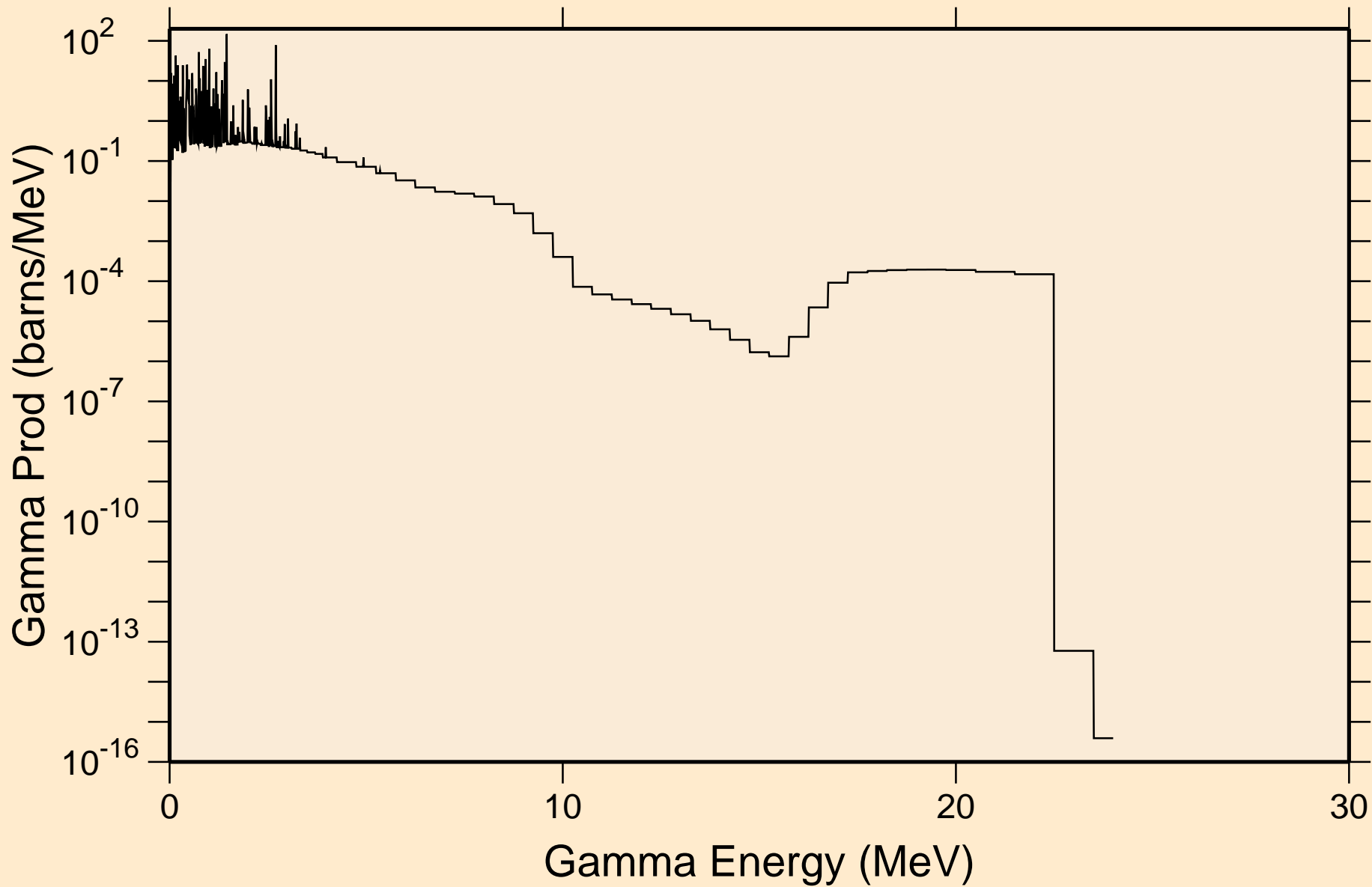
ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

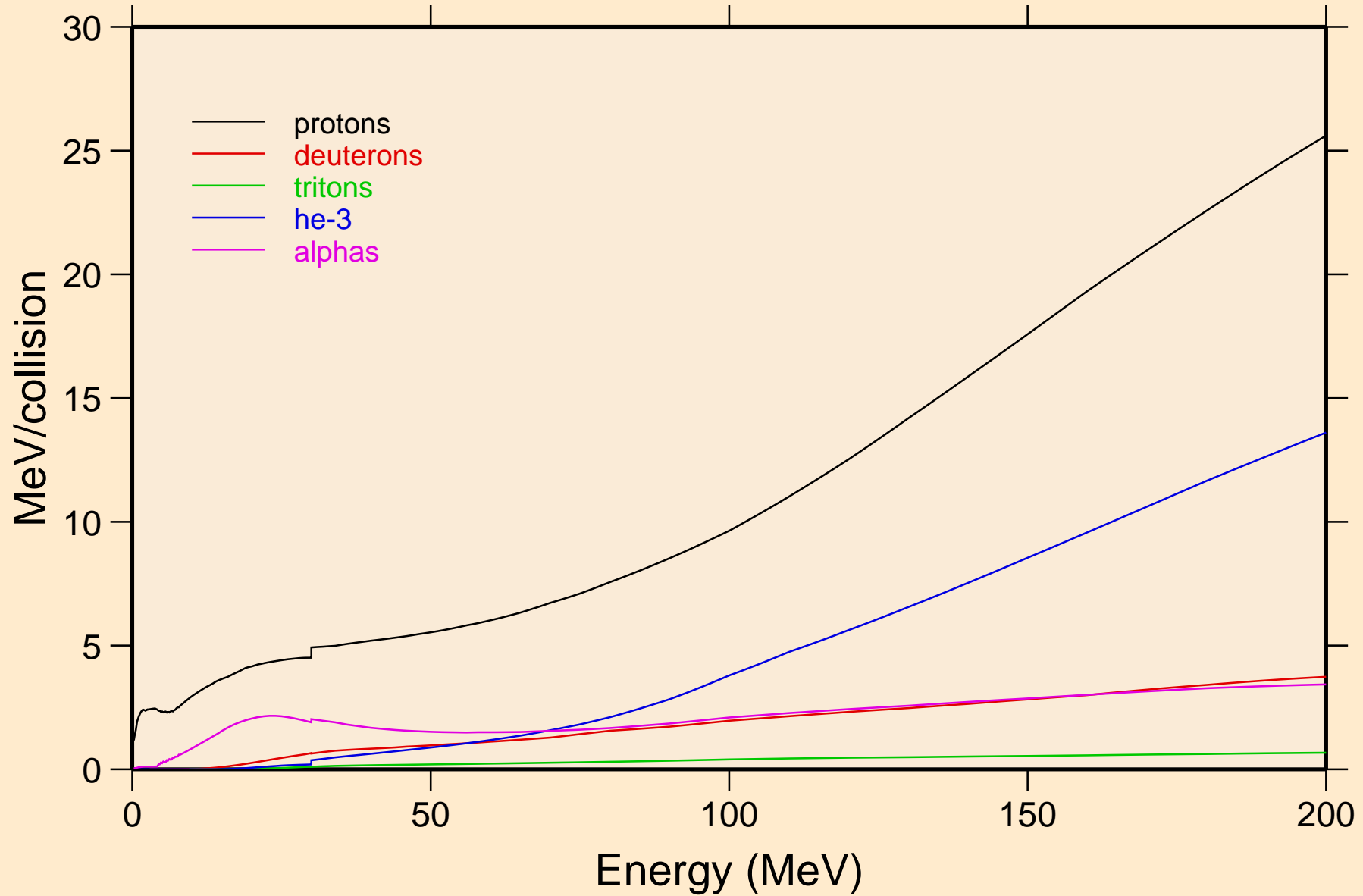


ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



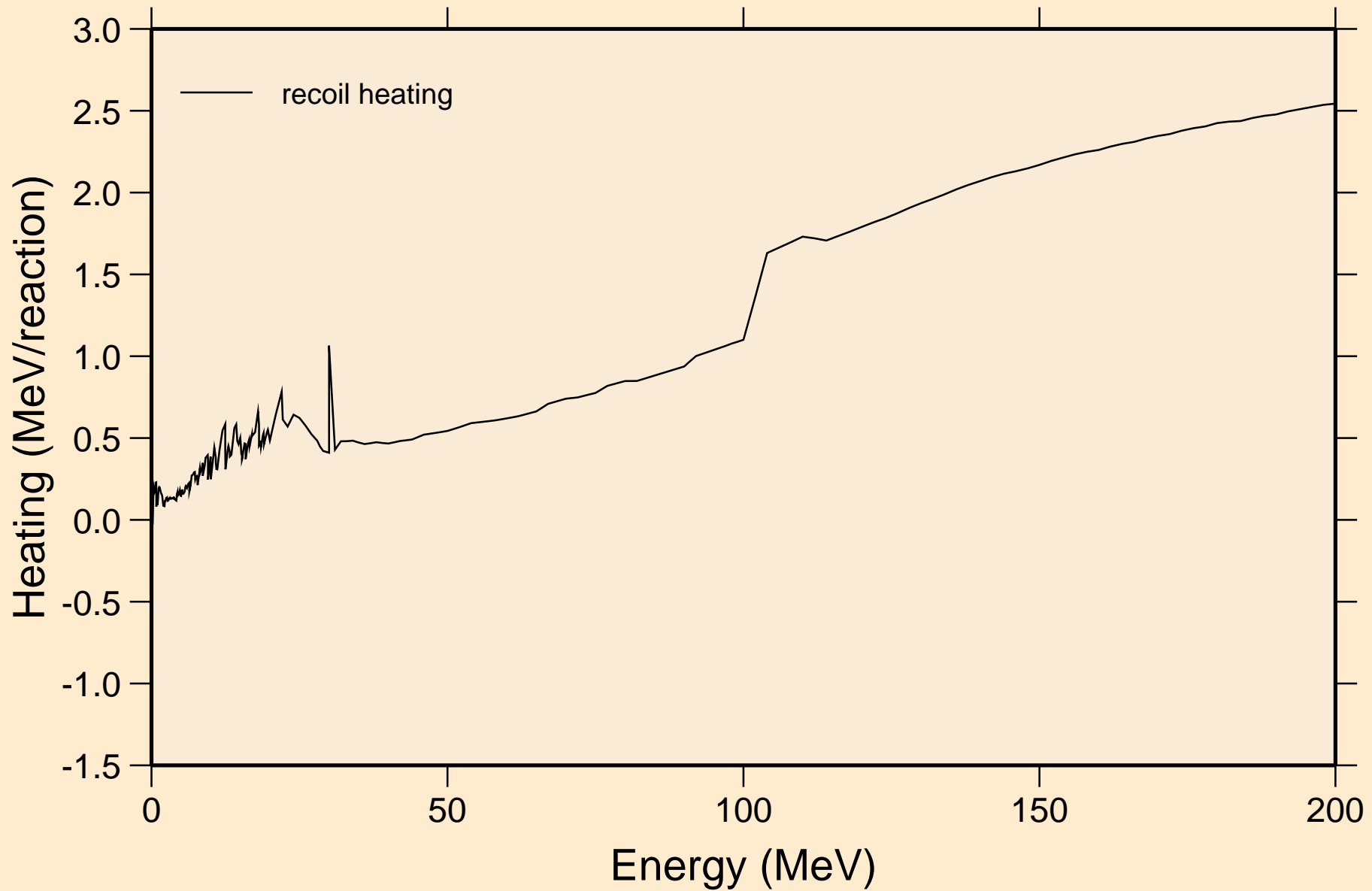
# ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



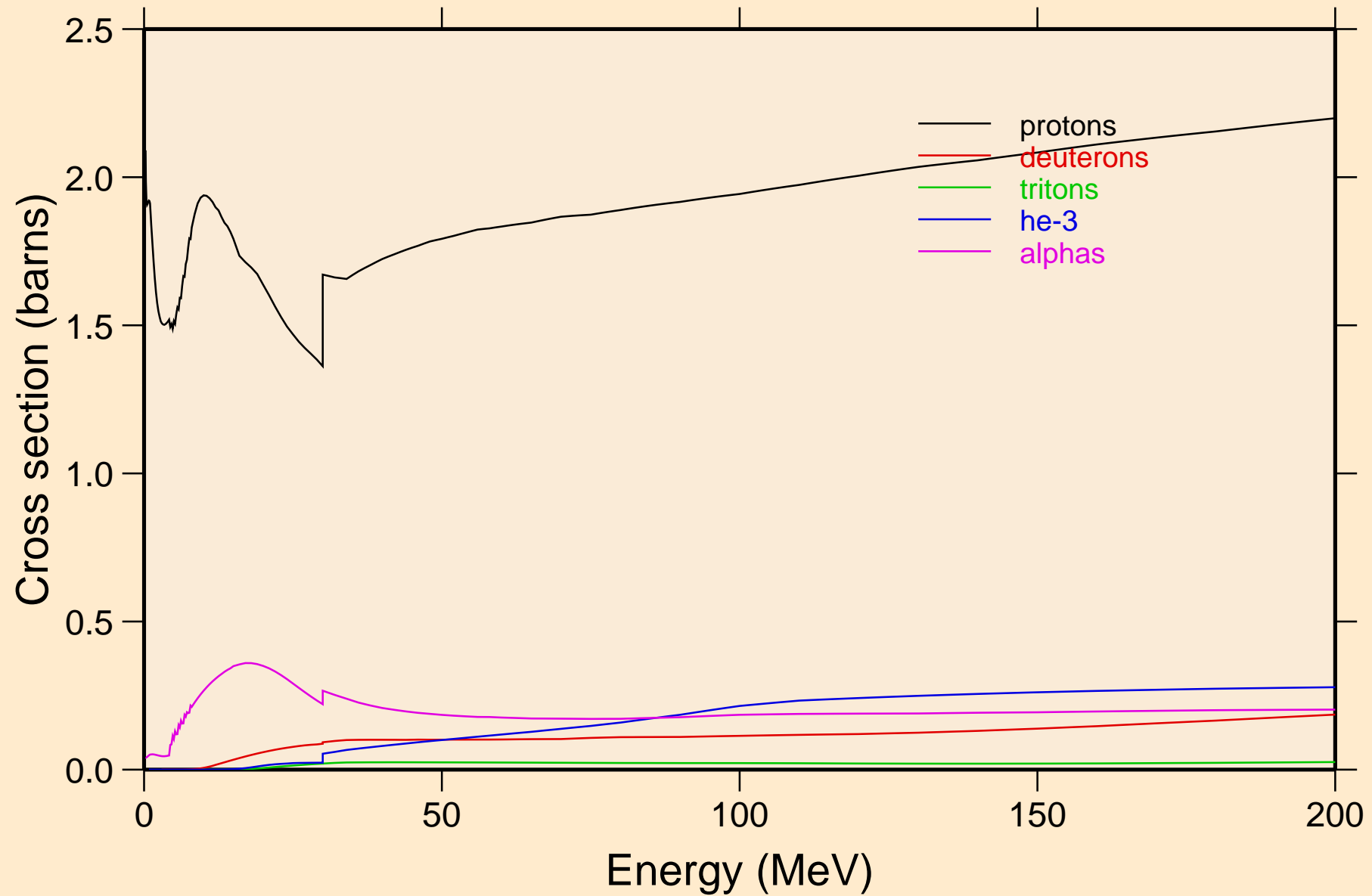


ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

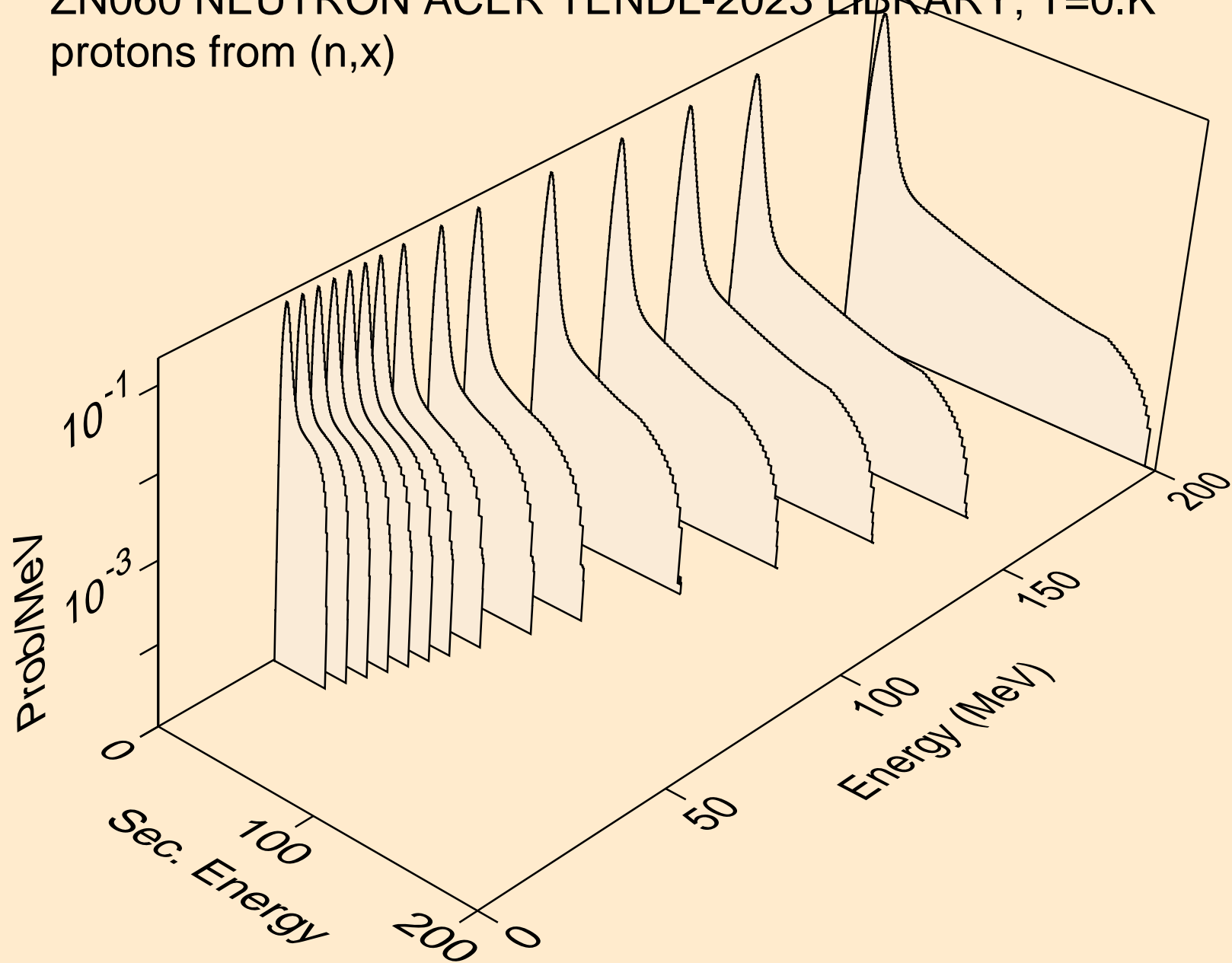


# ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

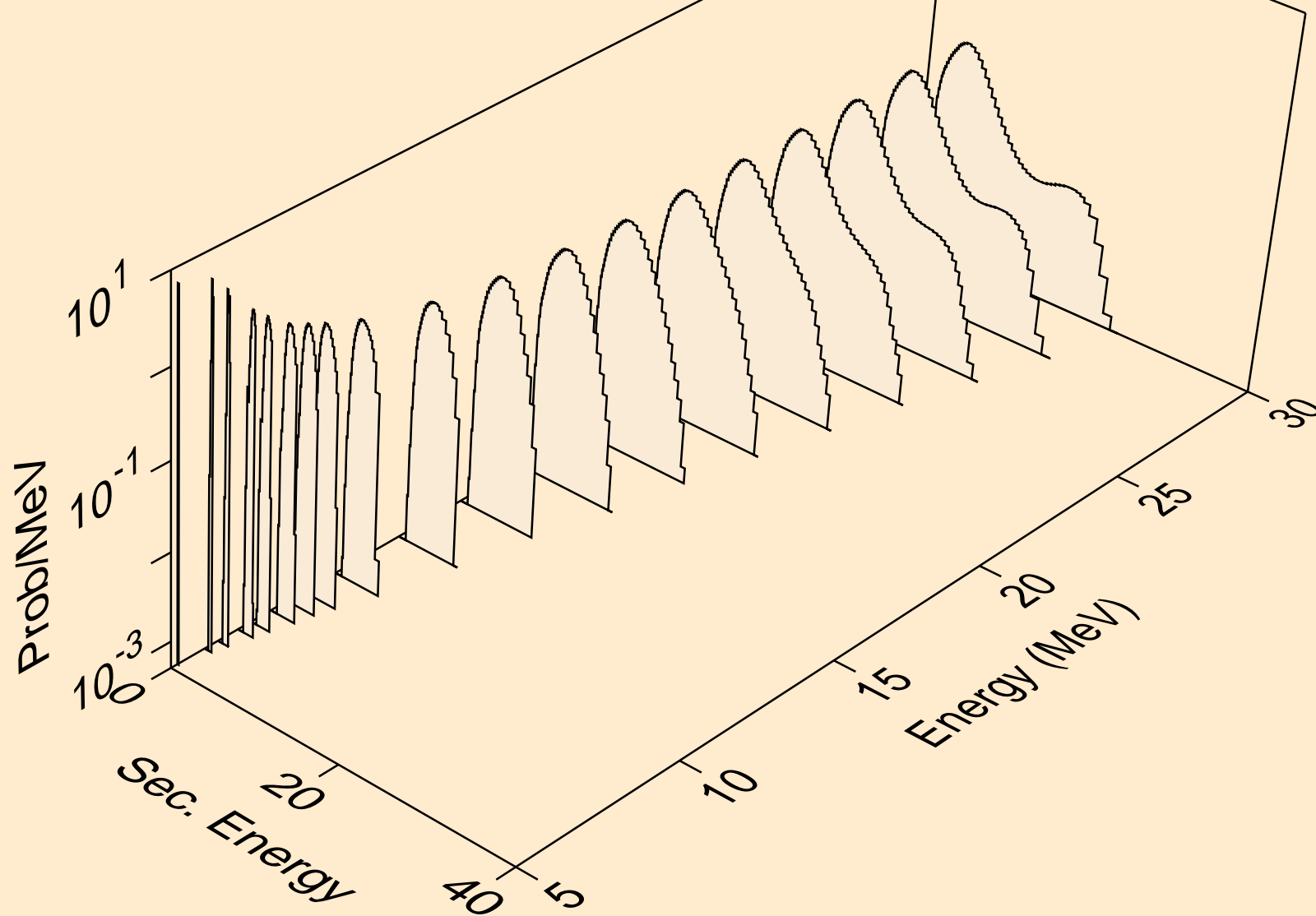
## Particle production cross sections



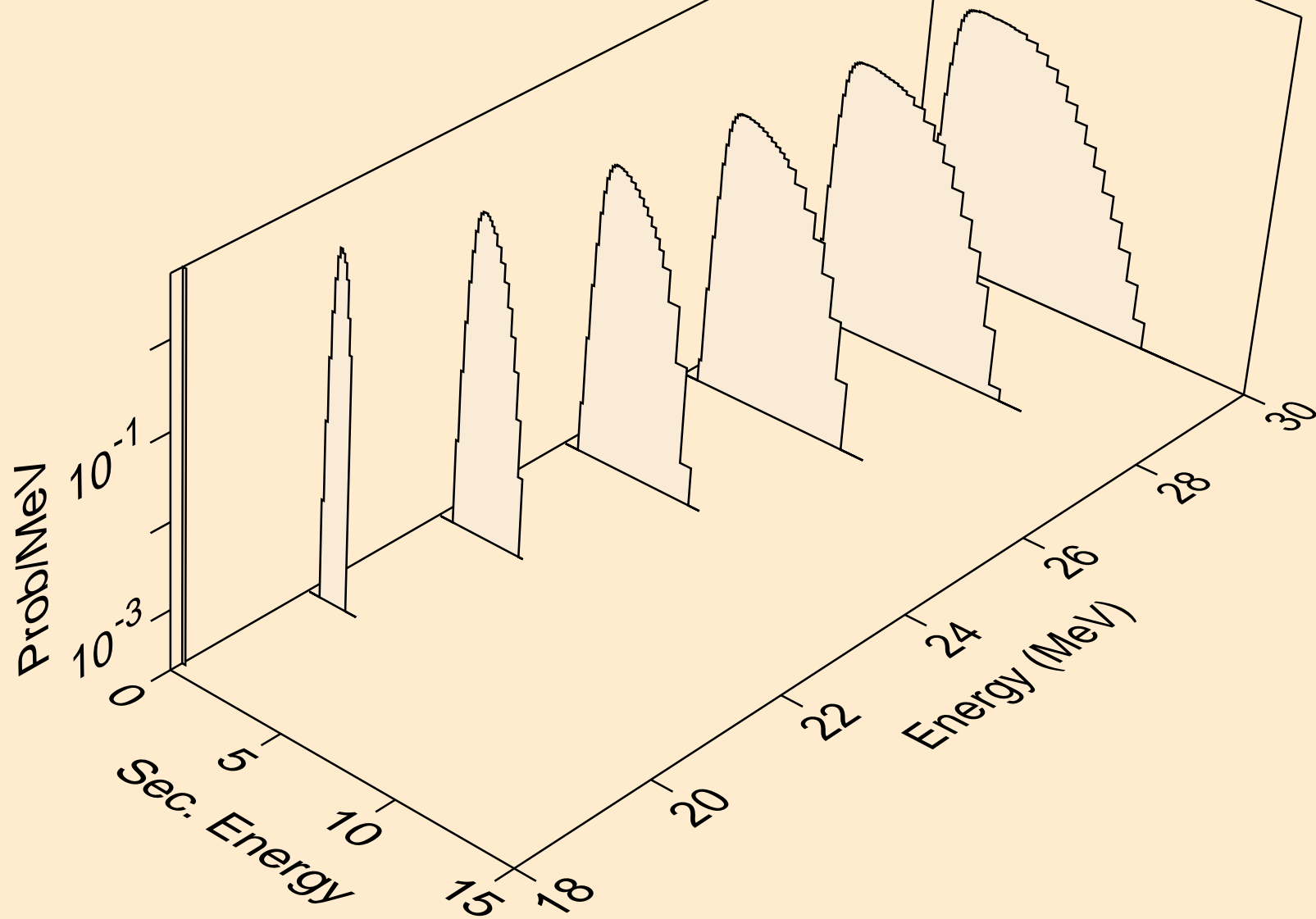
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protons from (n,x)



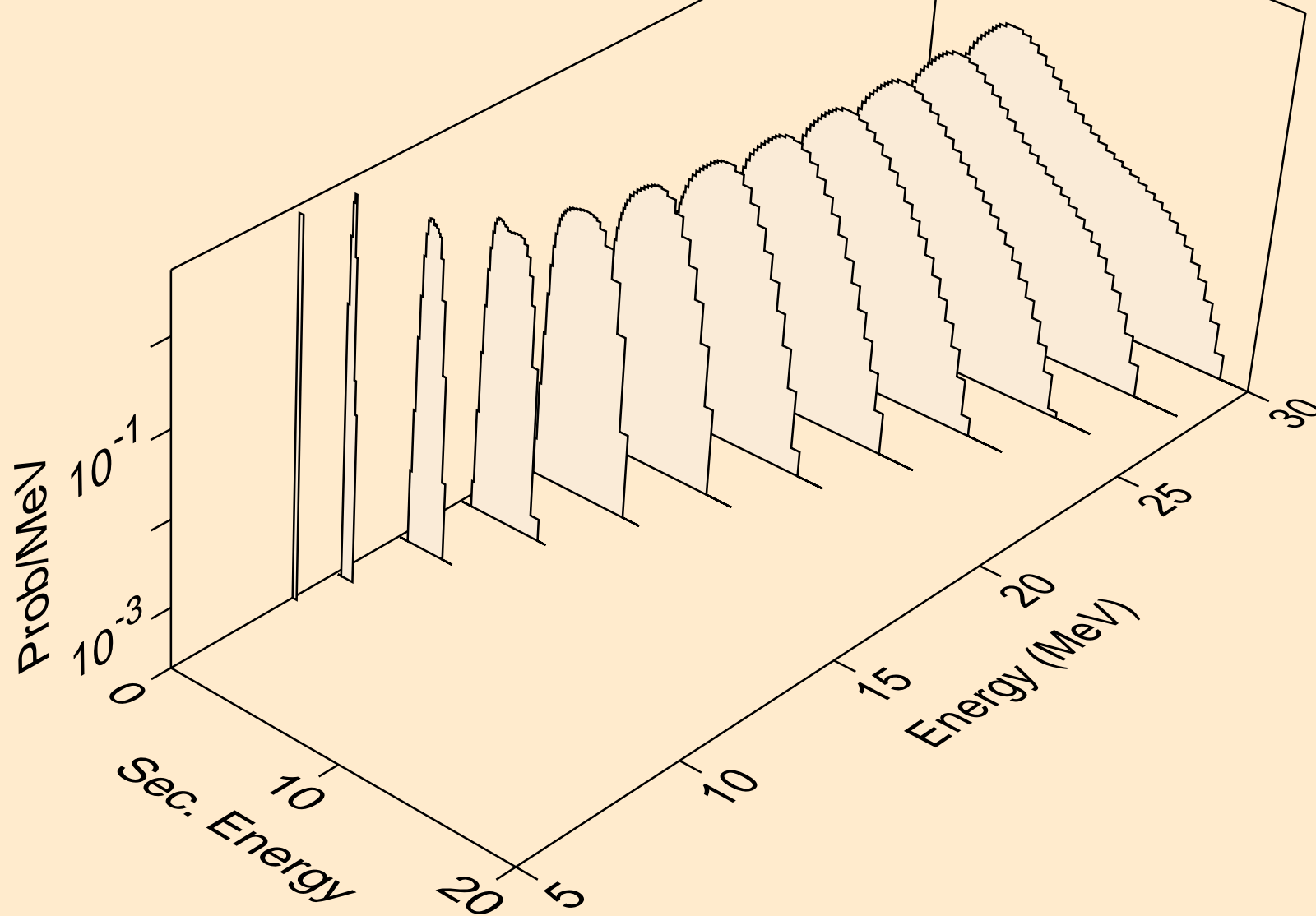
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protons from (n,n\*)p



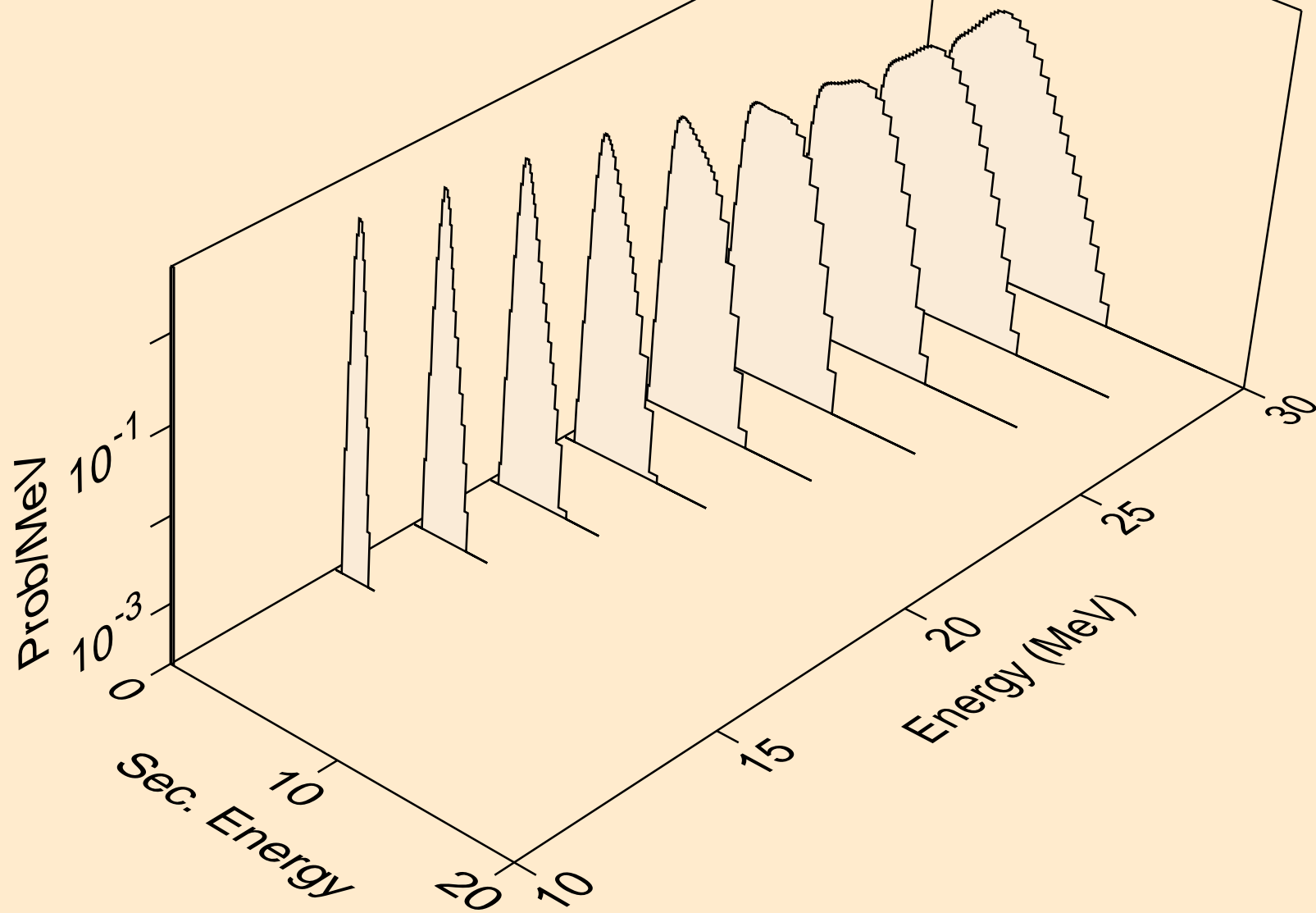
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protons from (n,2np)



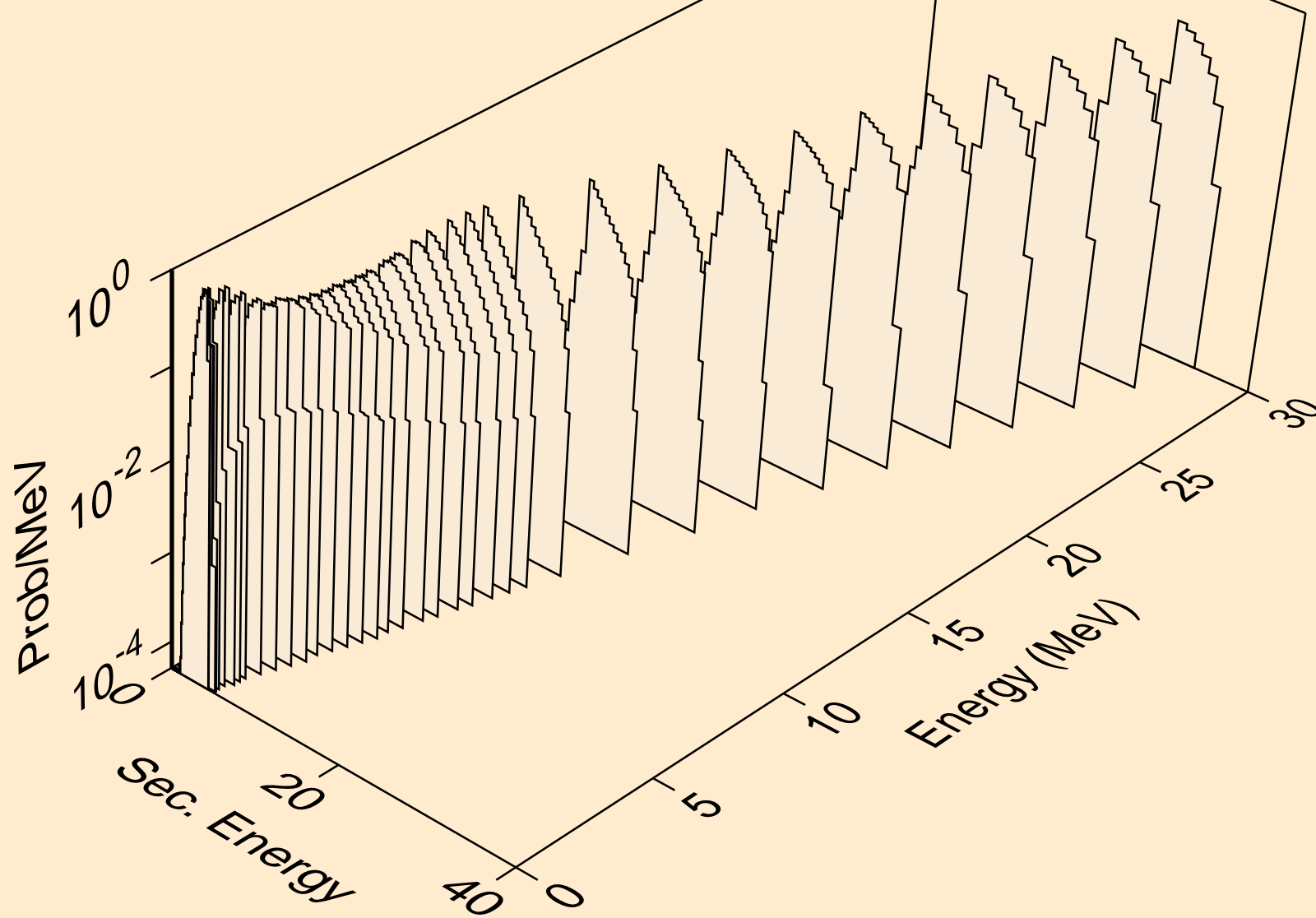
ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)



ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)

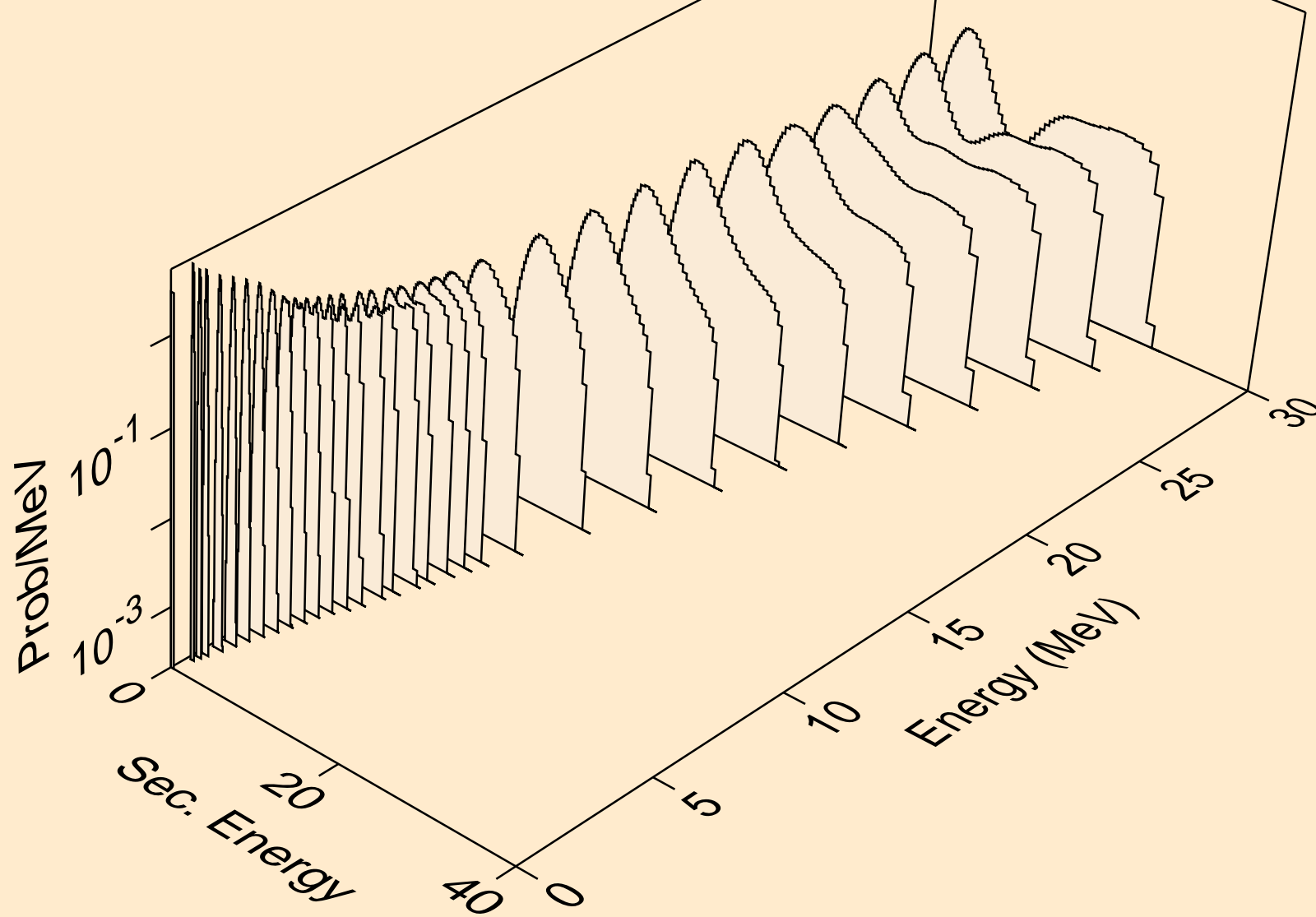


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protons from (n,p)

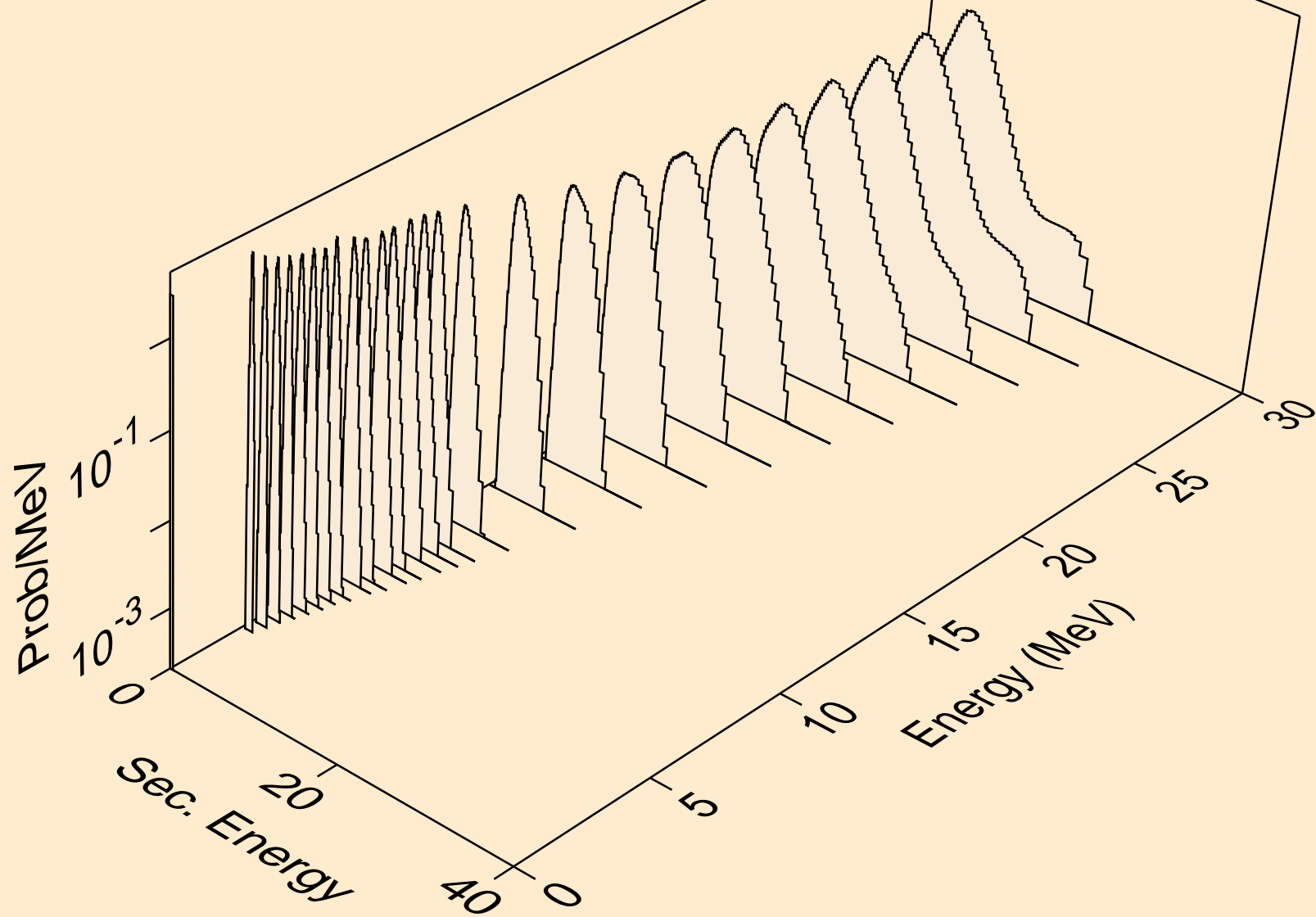




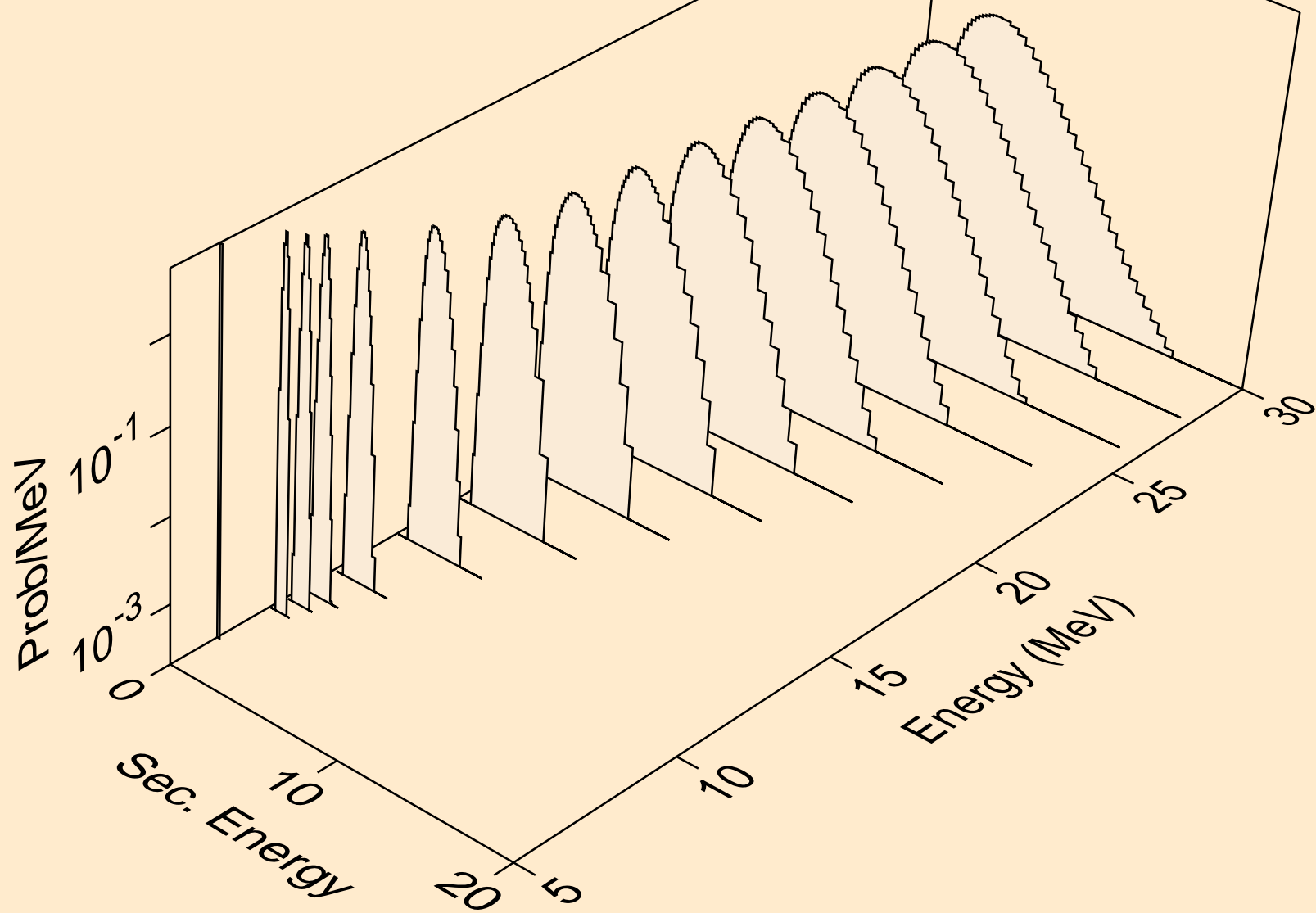
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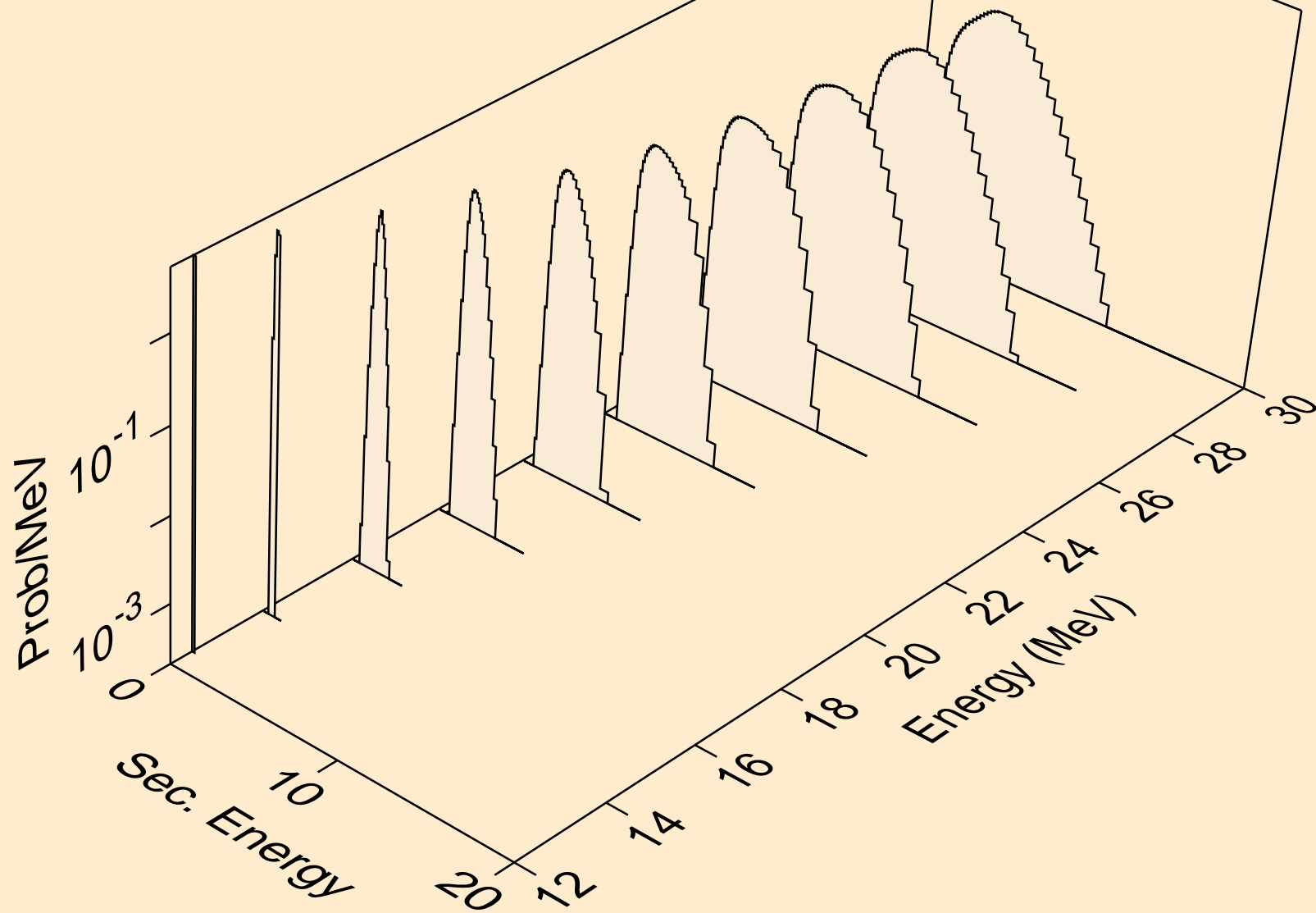
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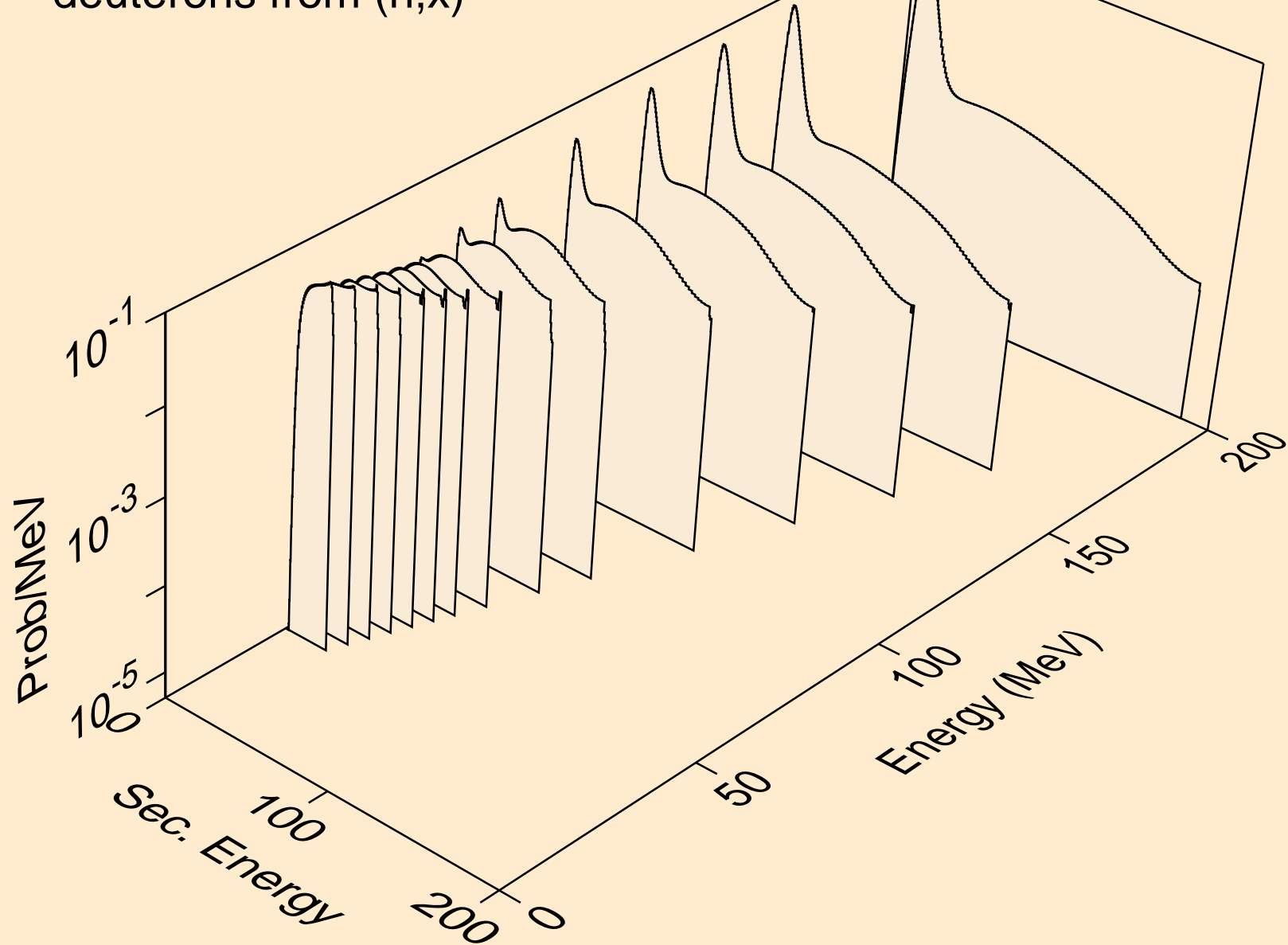
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protons from (n,pd)



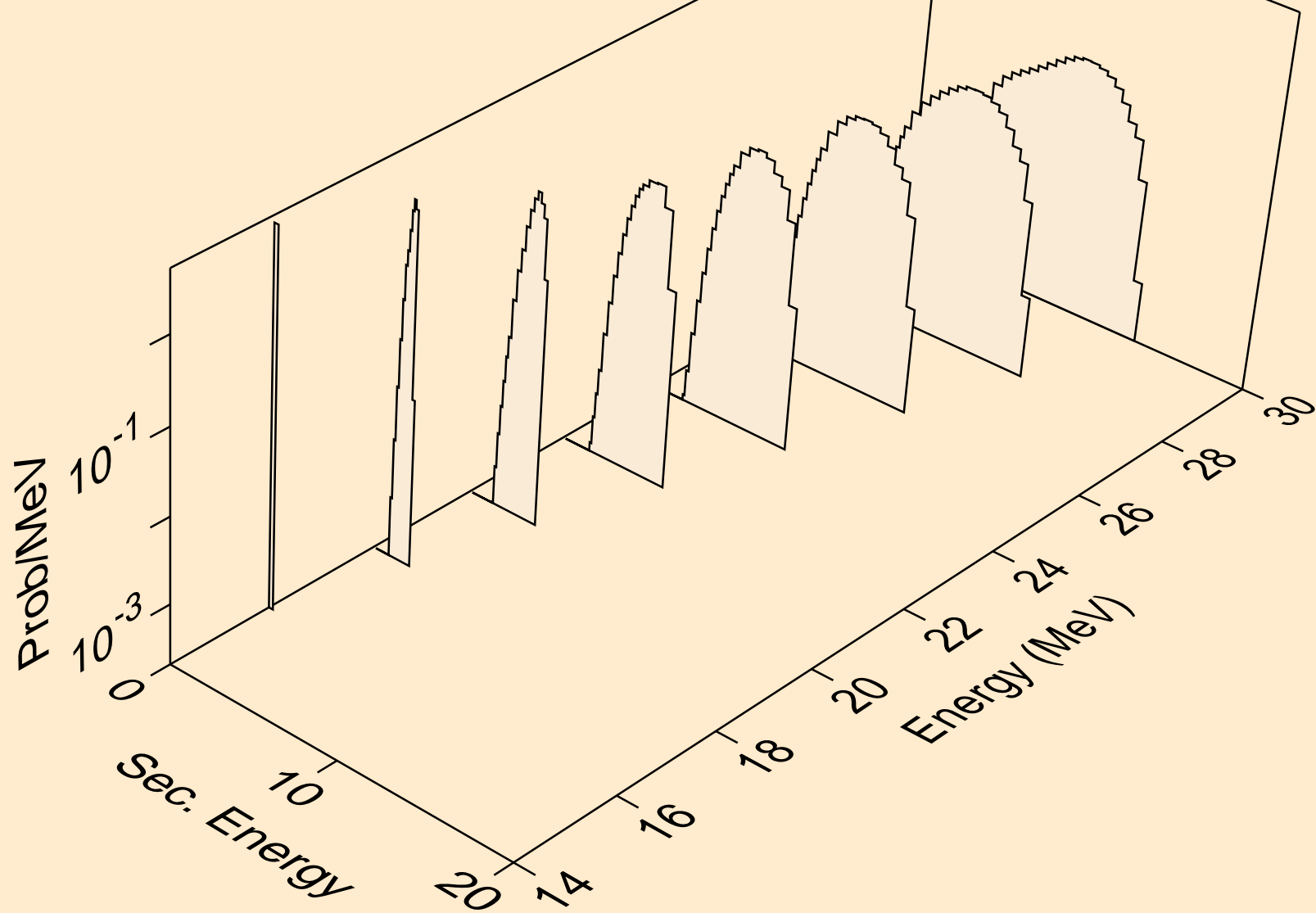
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protons from (n,pt)



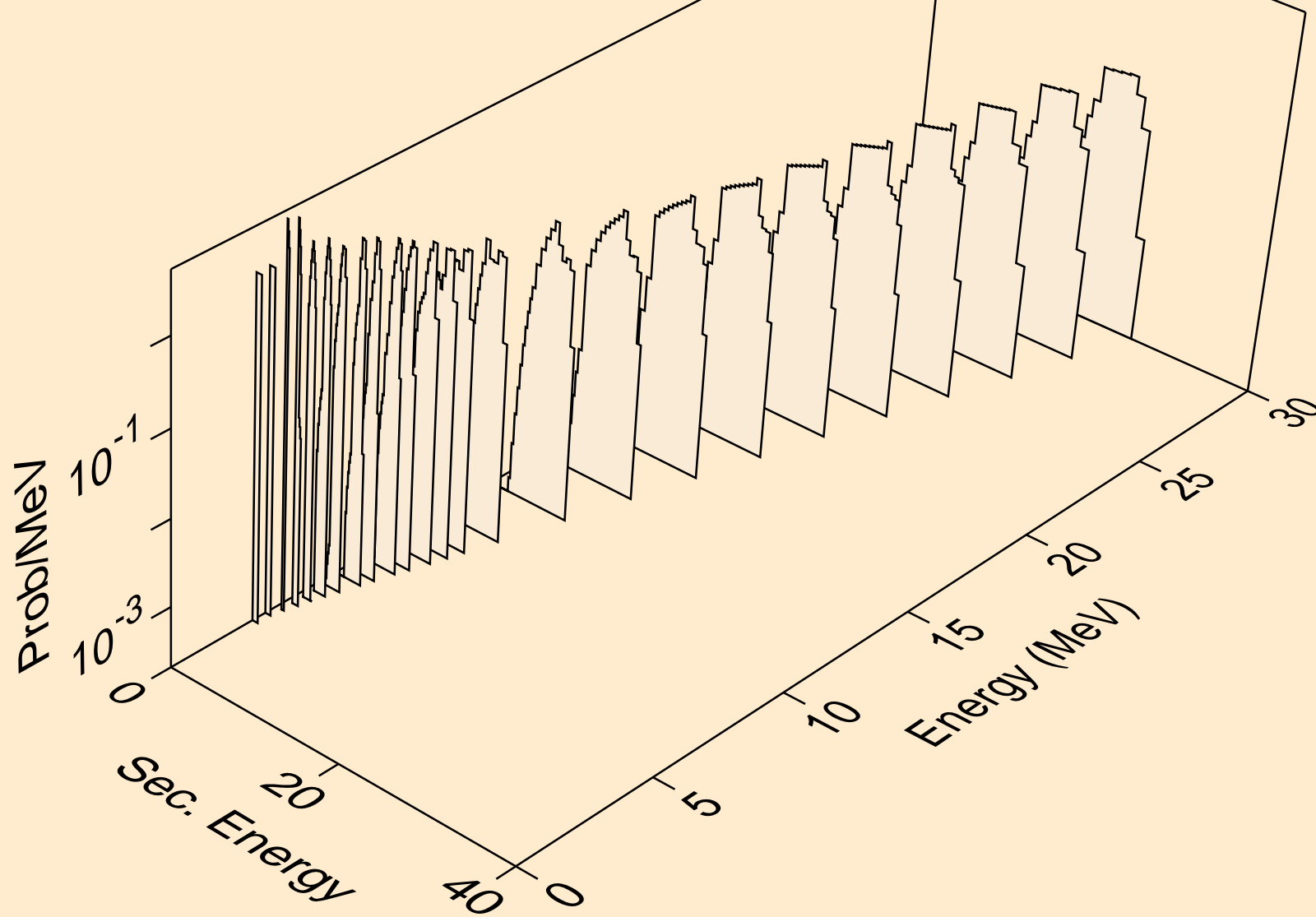
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deuterons from (n,x)



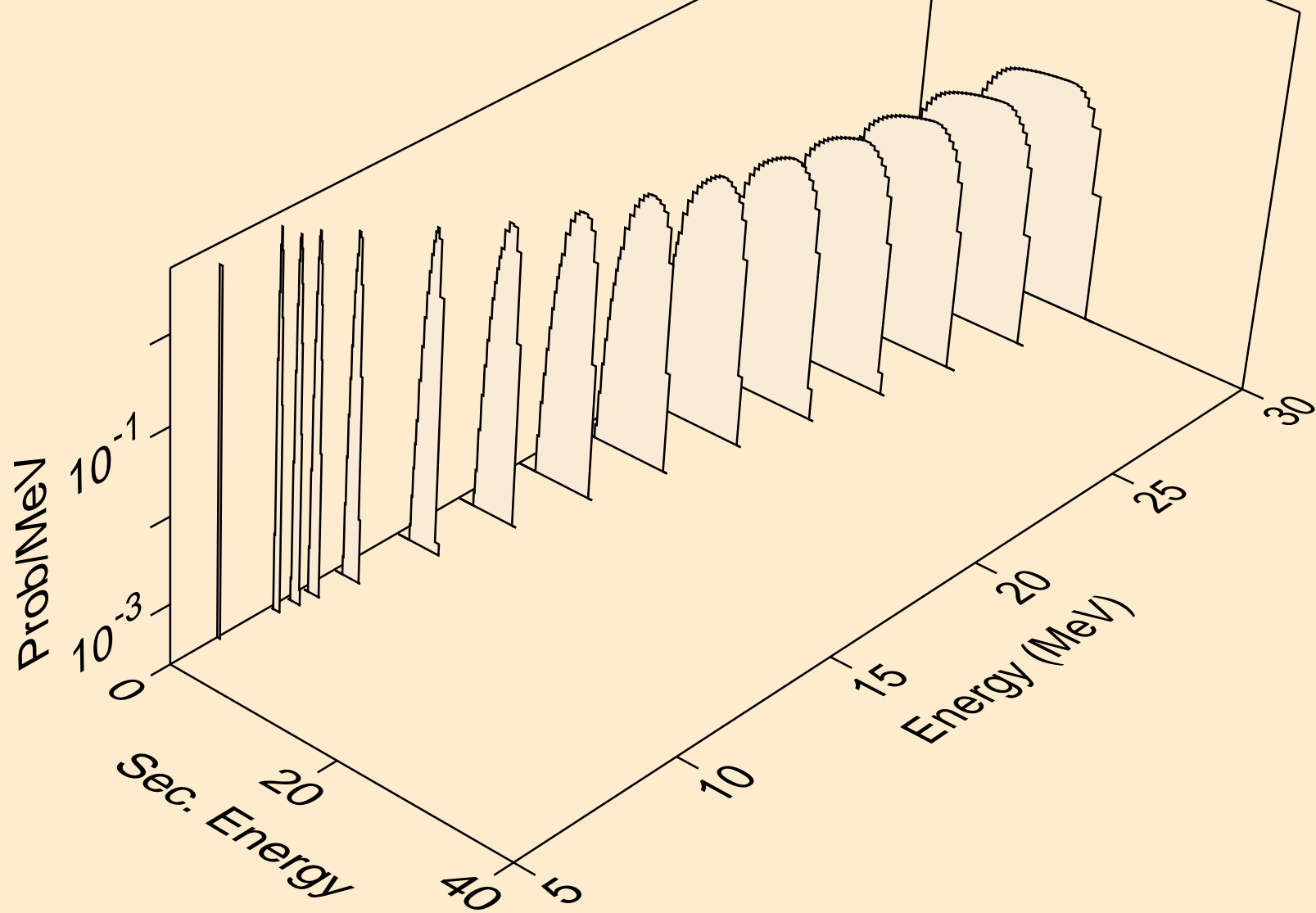
ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)

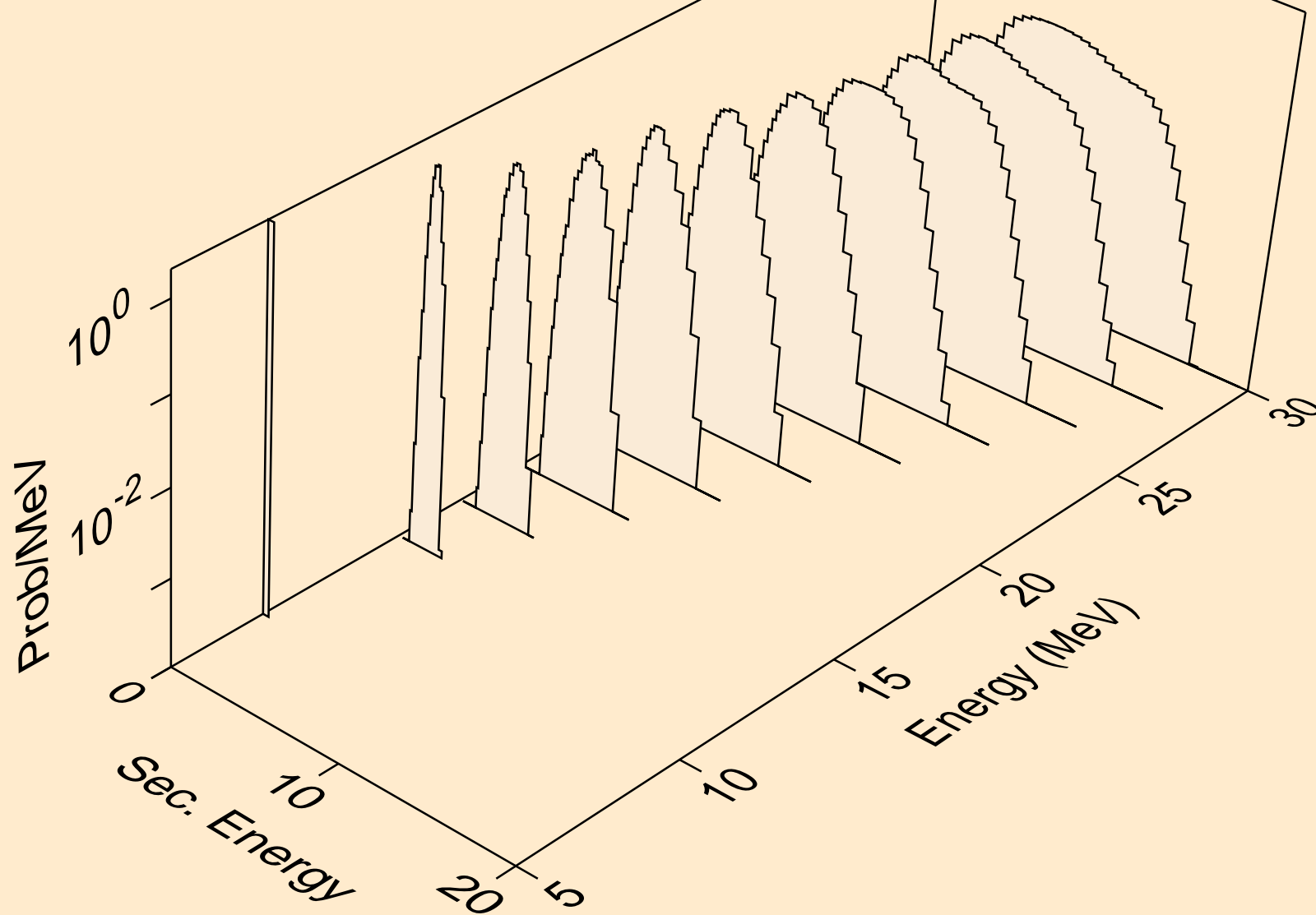


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deuterons from (n,pd)

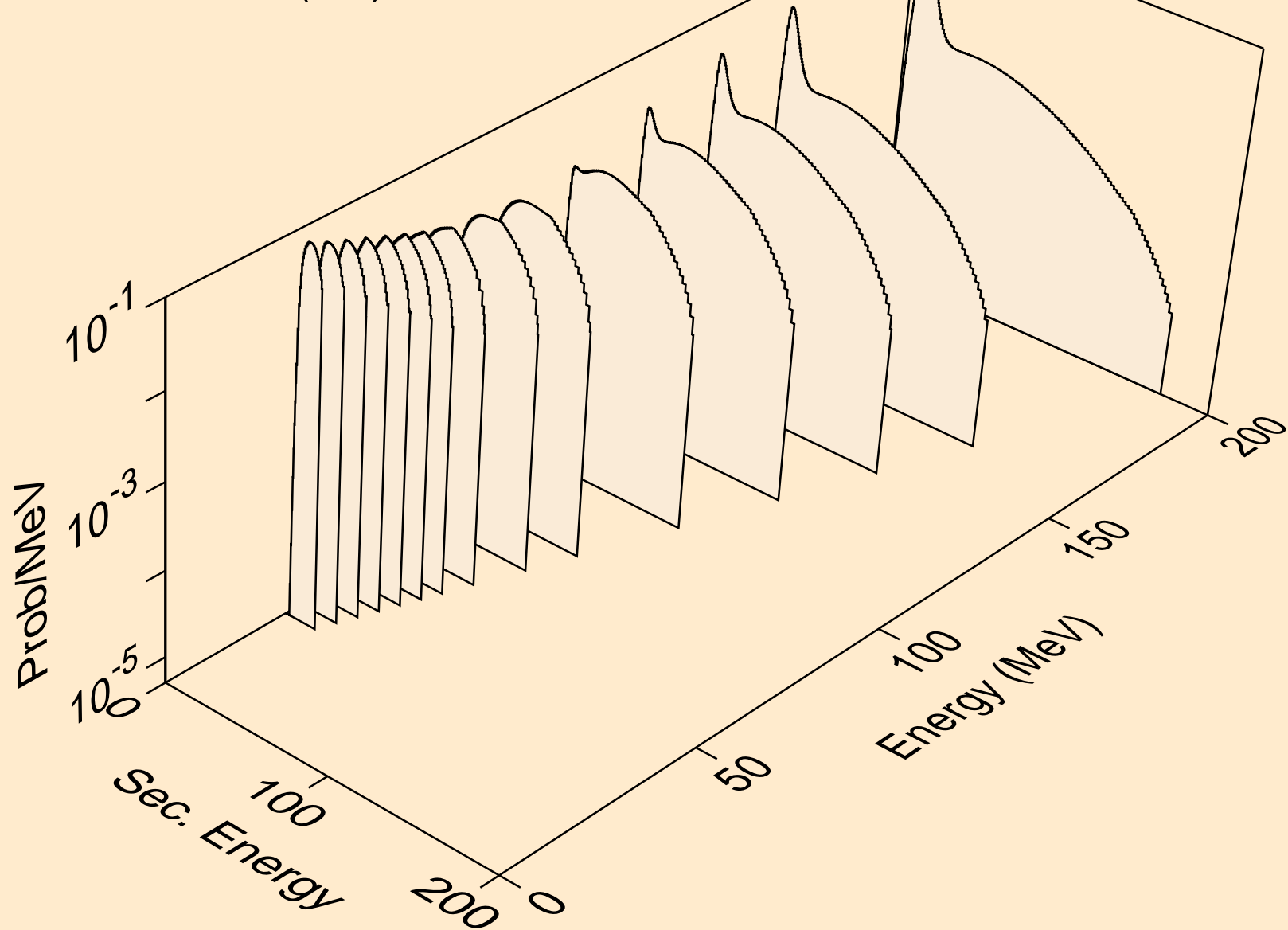




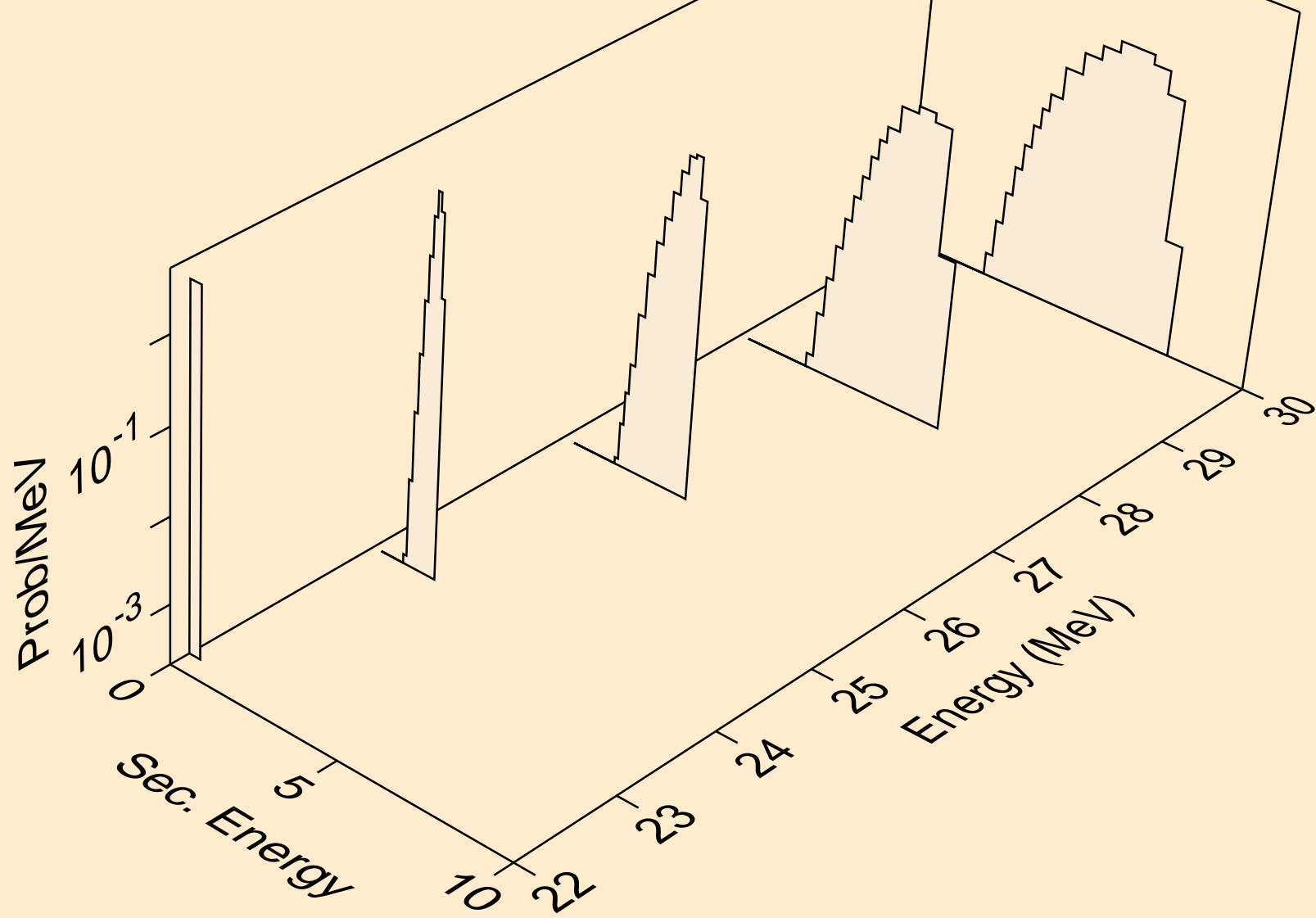
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deuterons from (n,da)



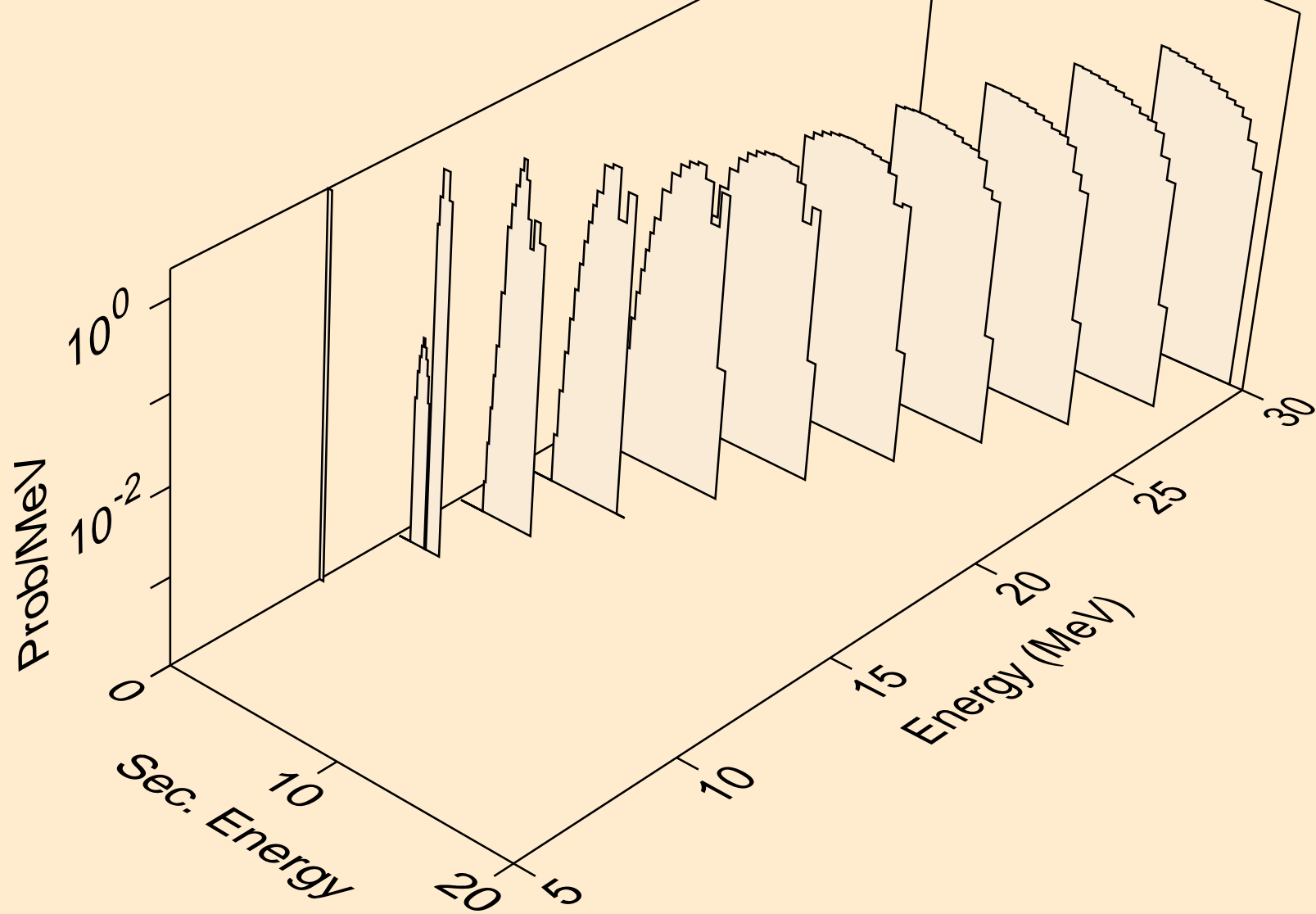
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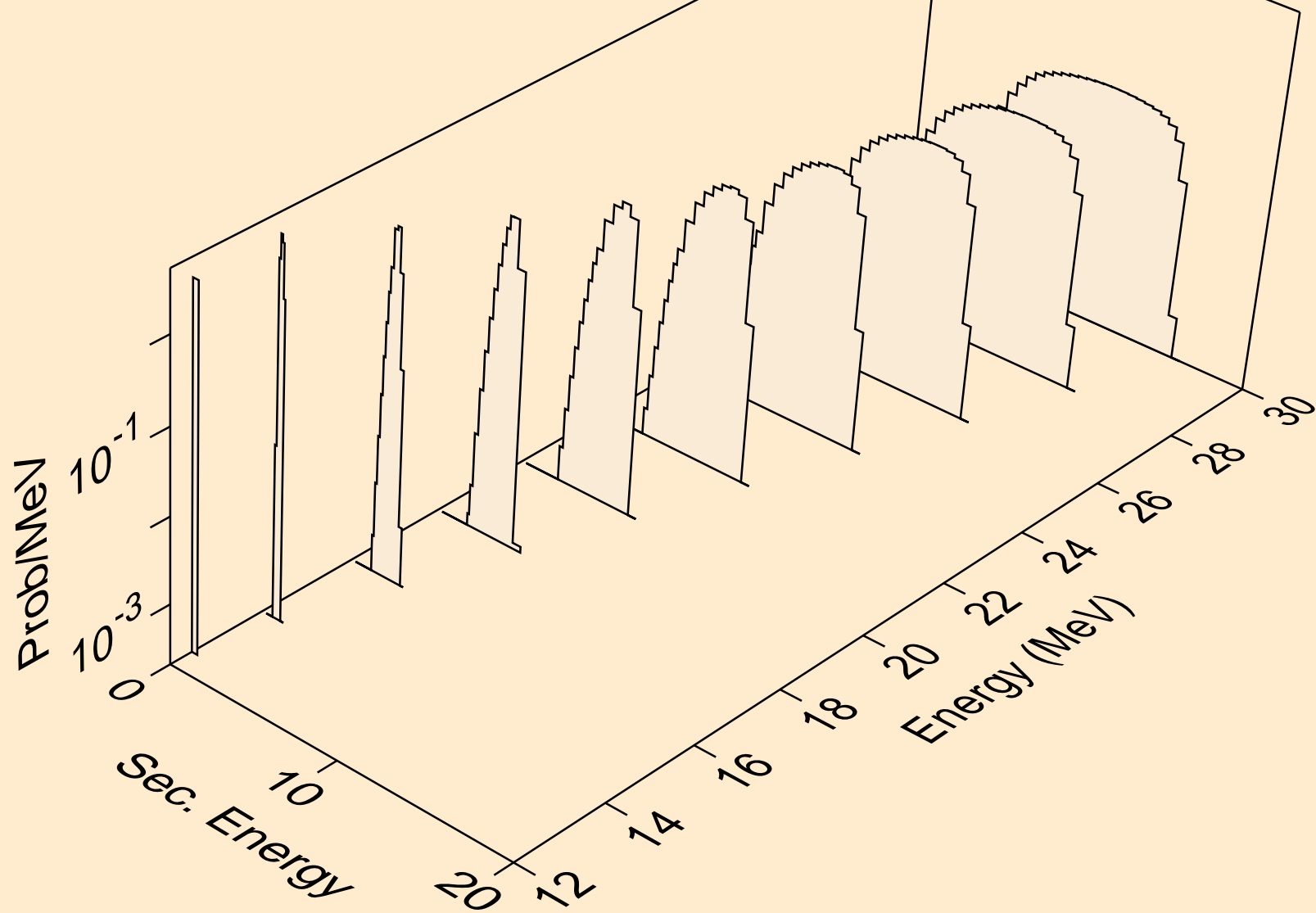
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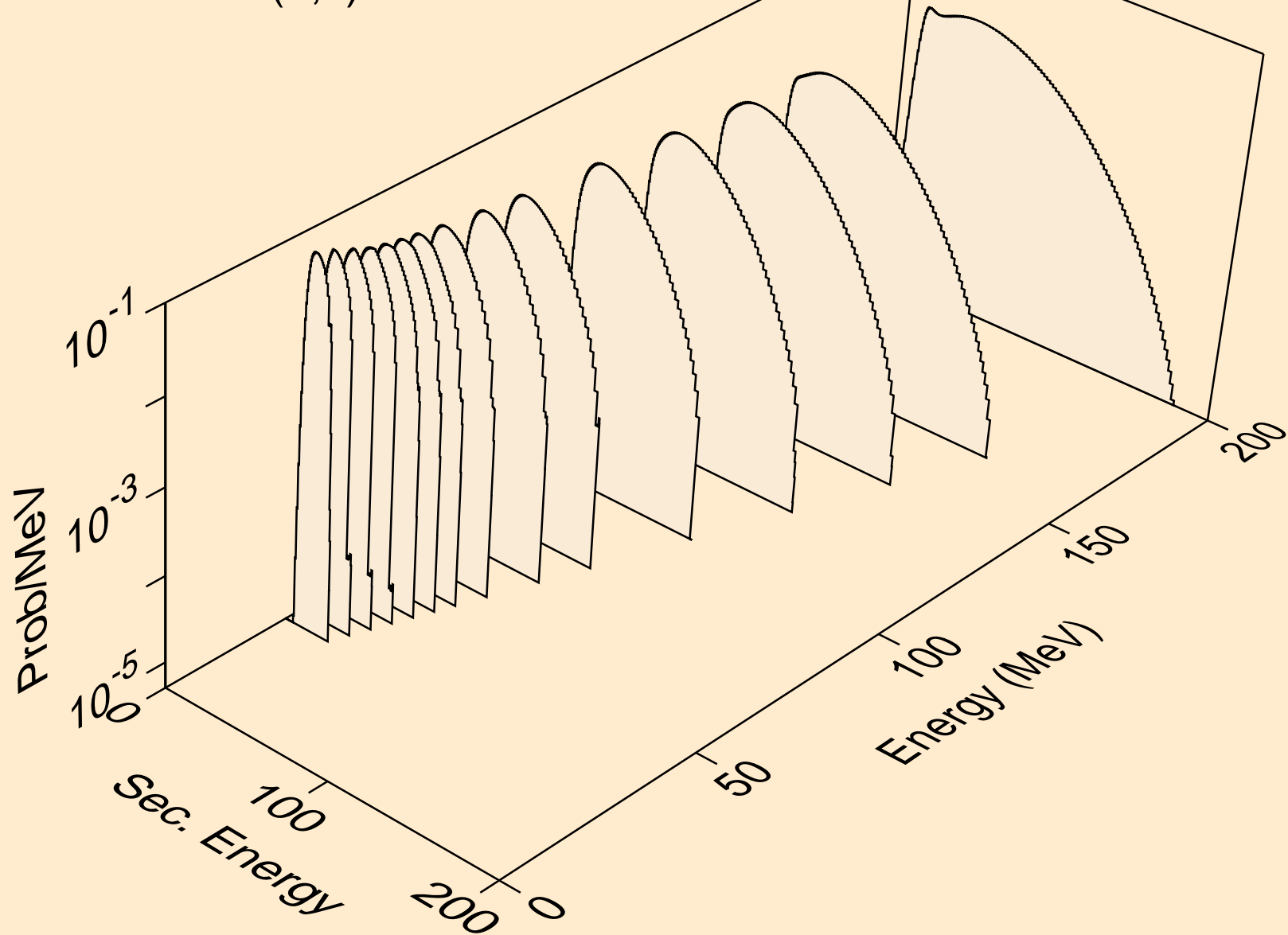
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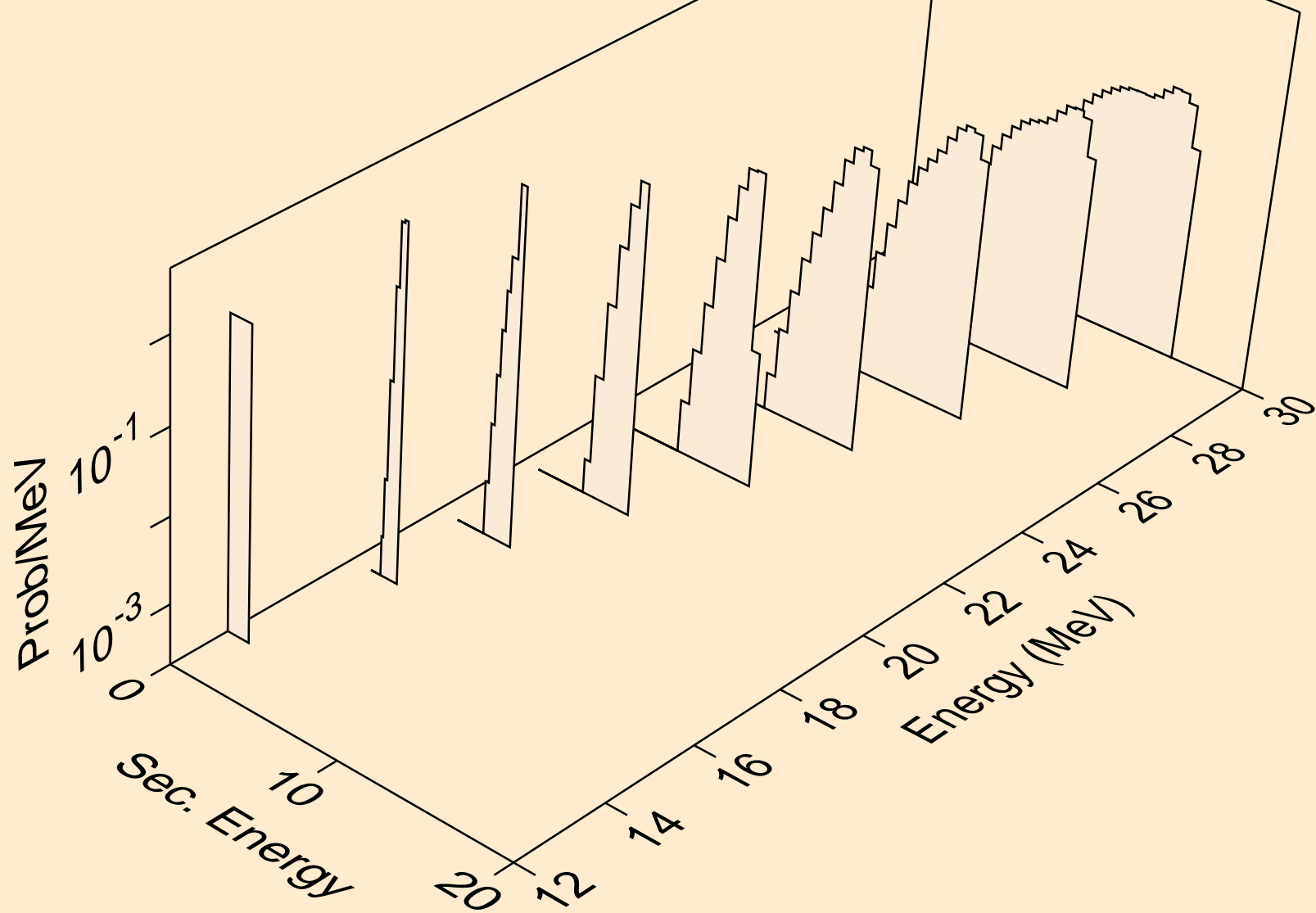
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tritons from (n,pt)



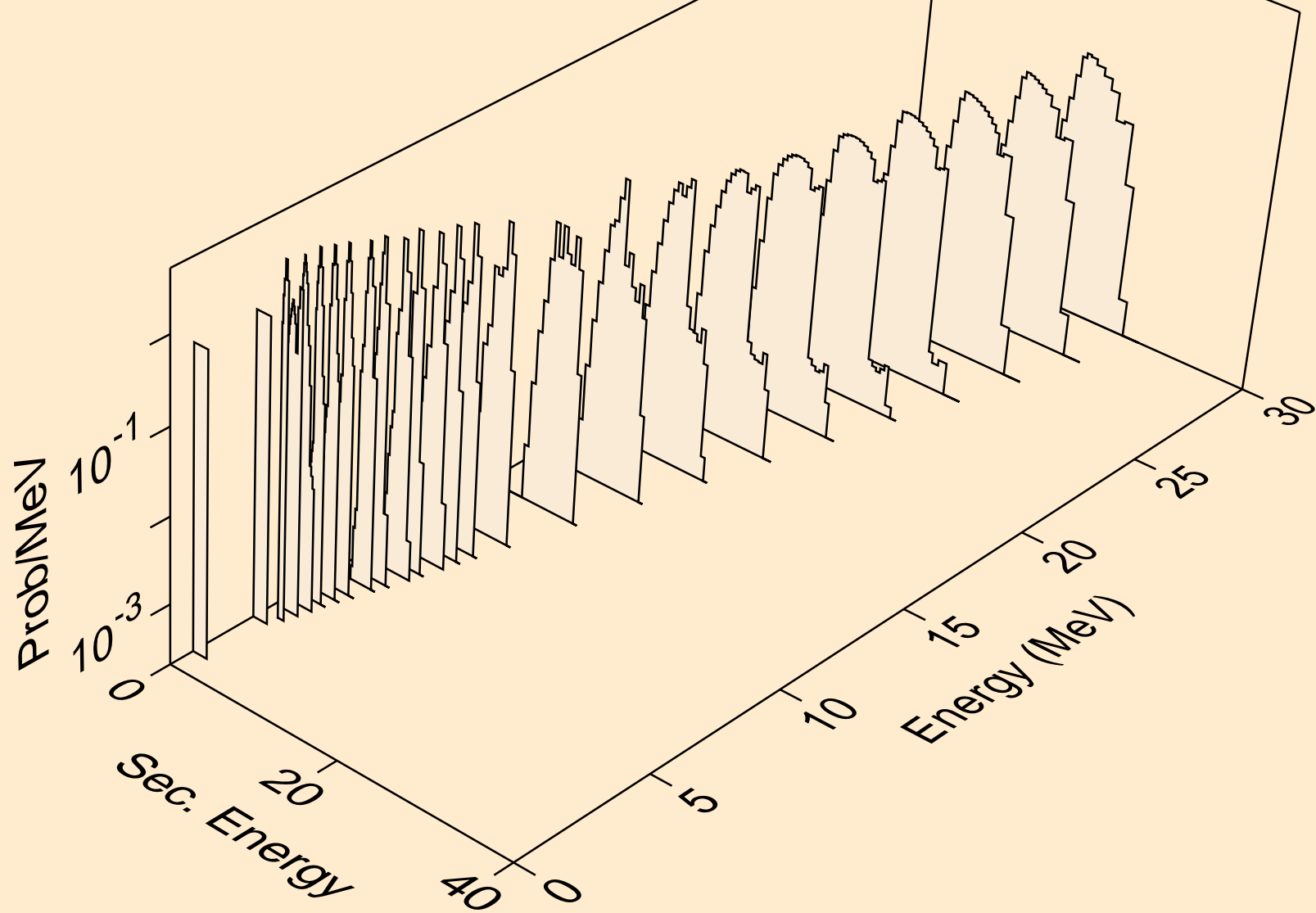
ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3

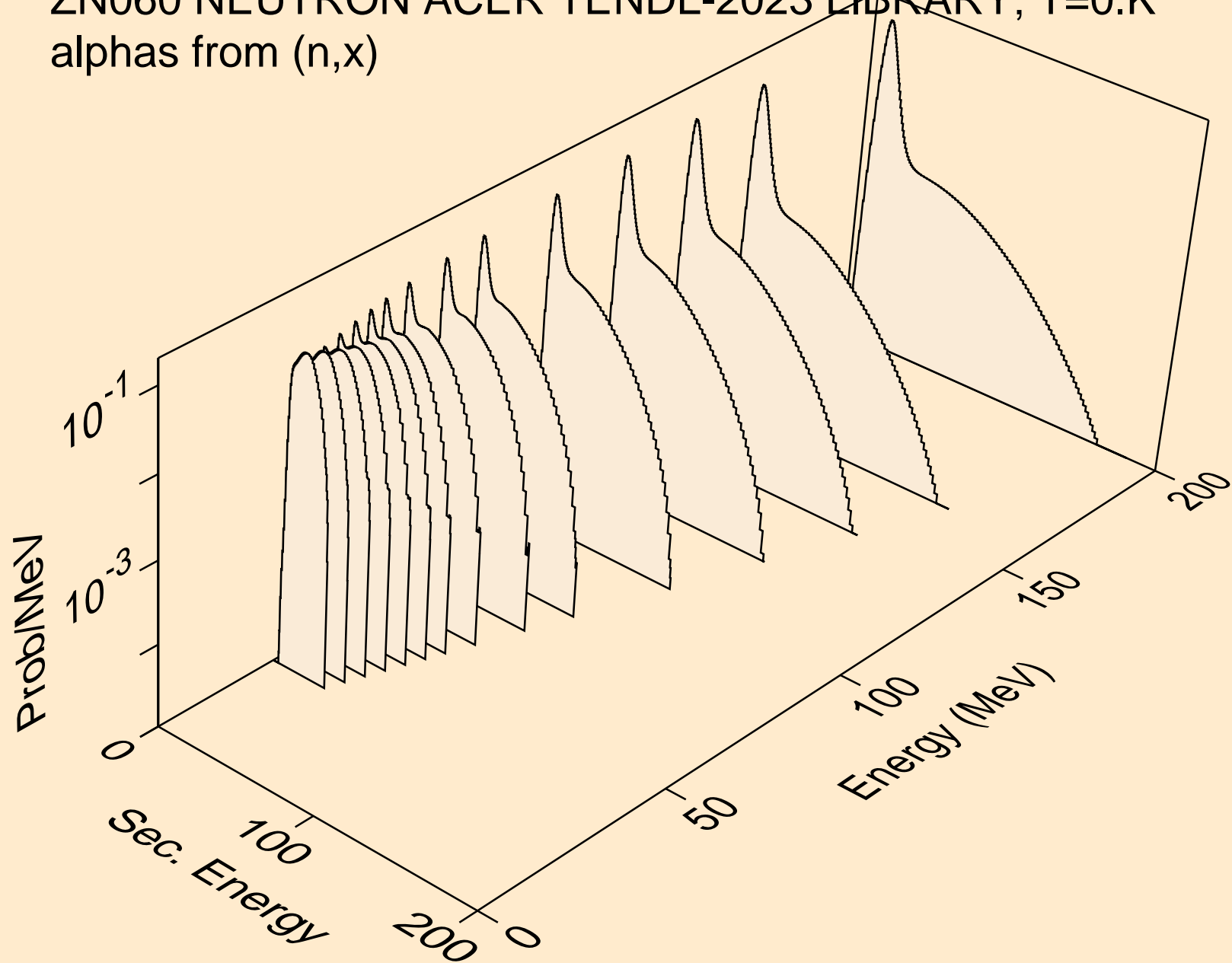


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he3s from (n,he3)

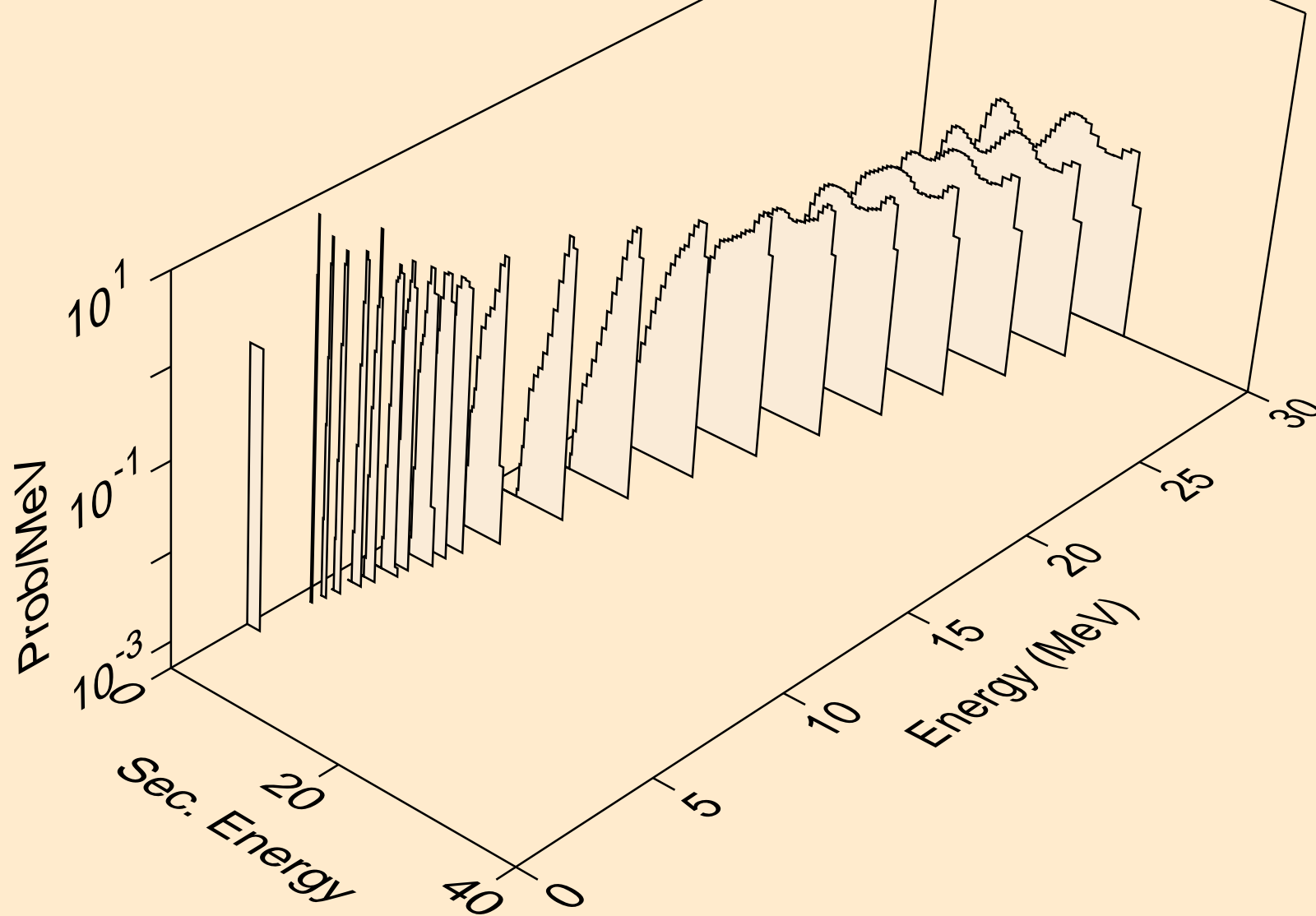




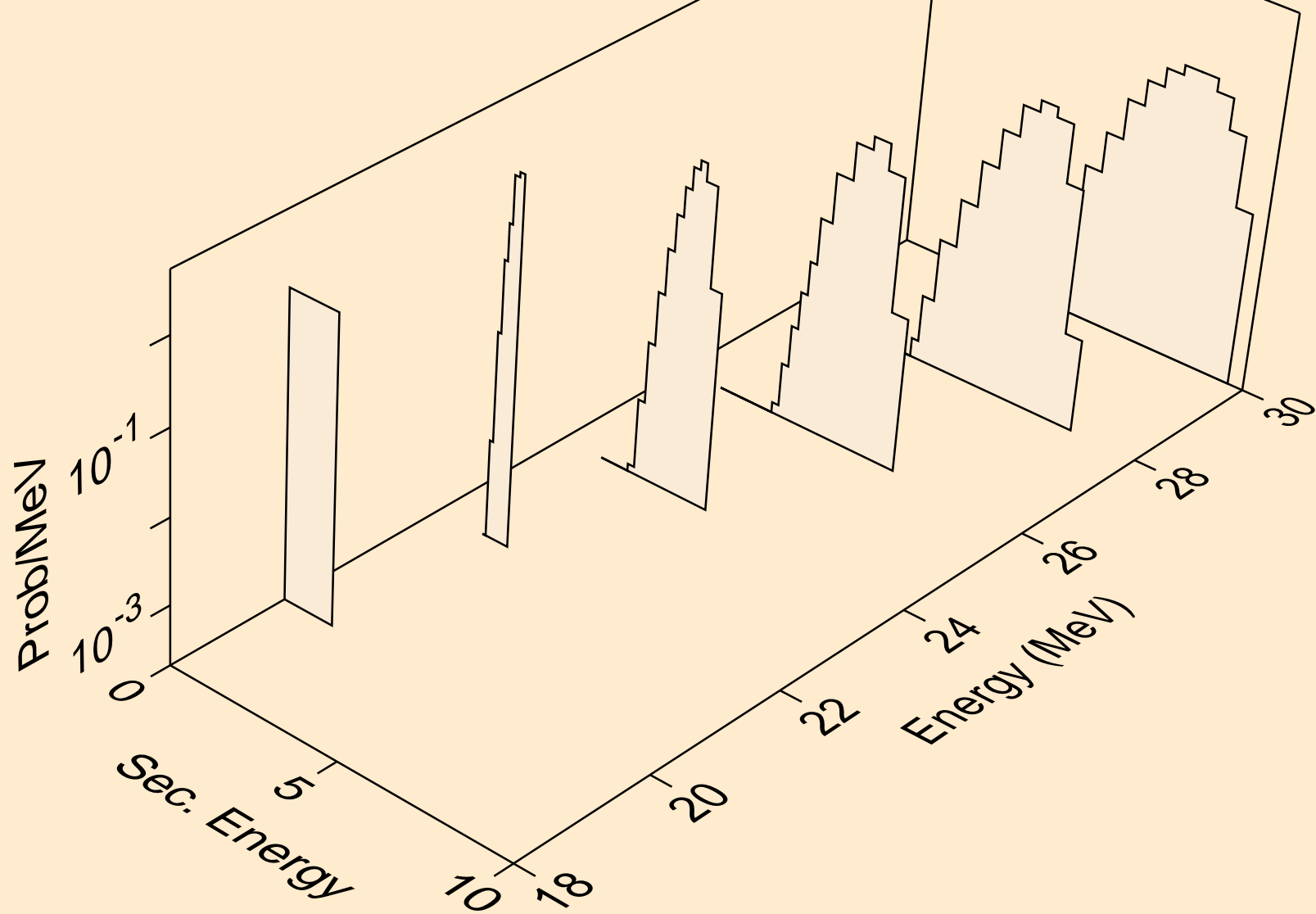
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alphas from (n,x)



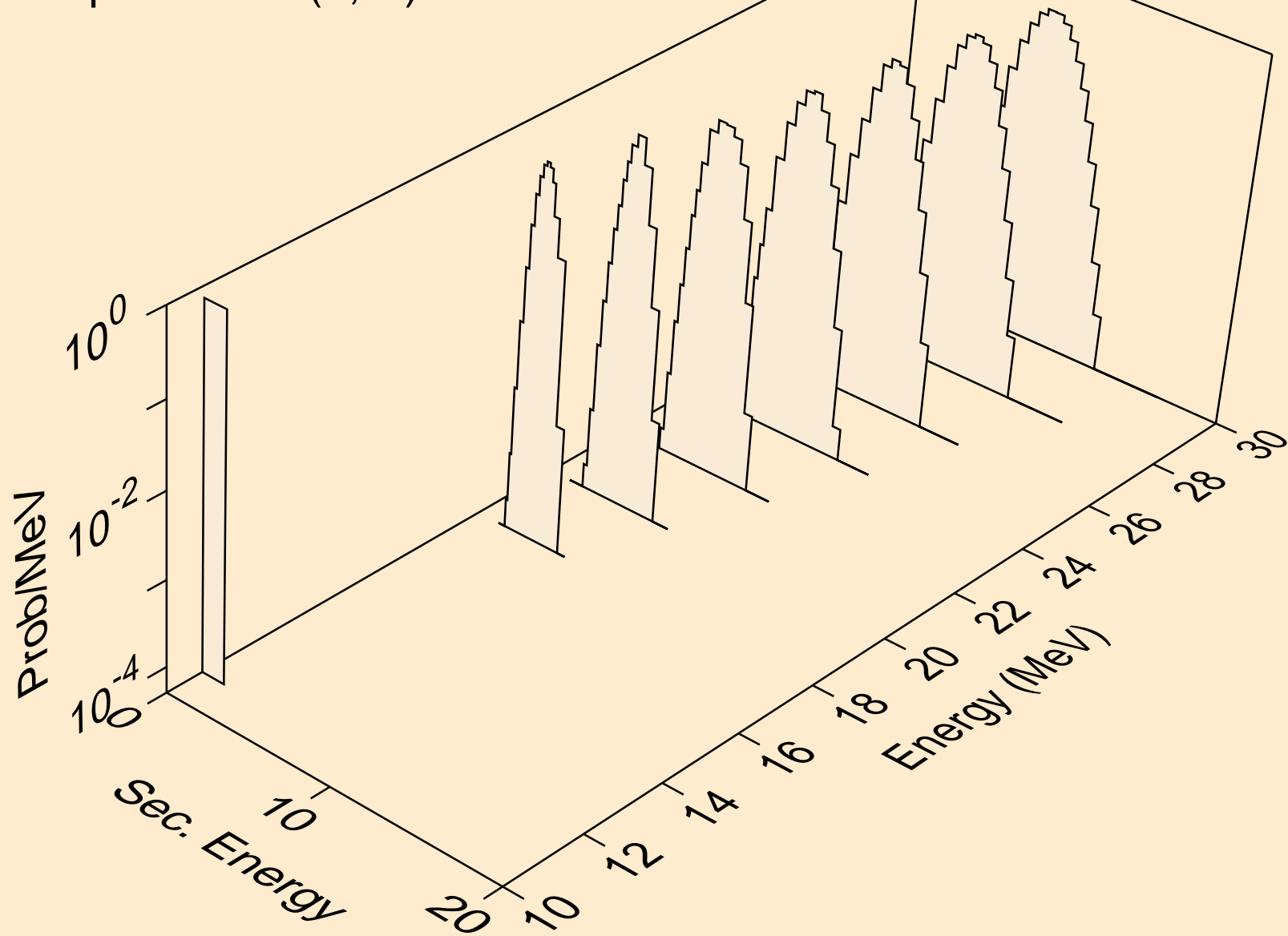
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alphas from (n,n\*)a



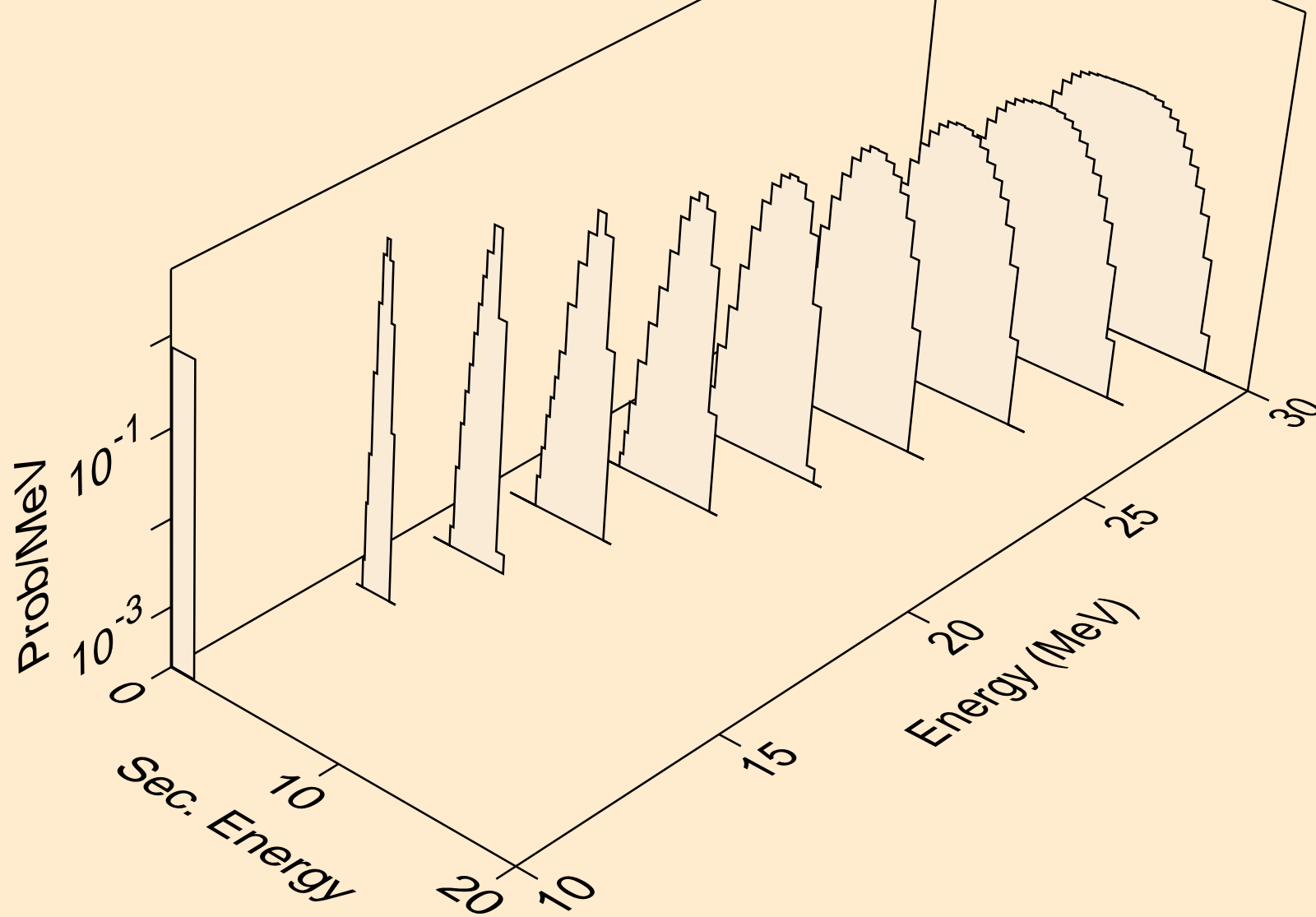
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alphas from (n,2n)a



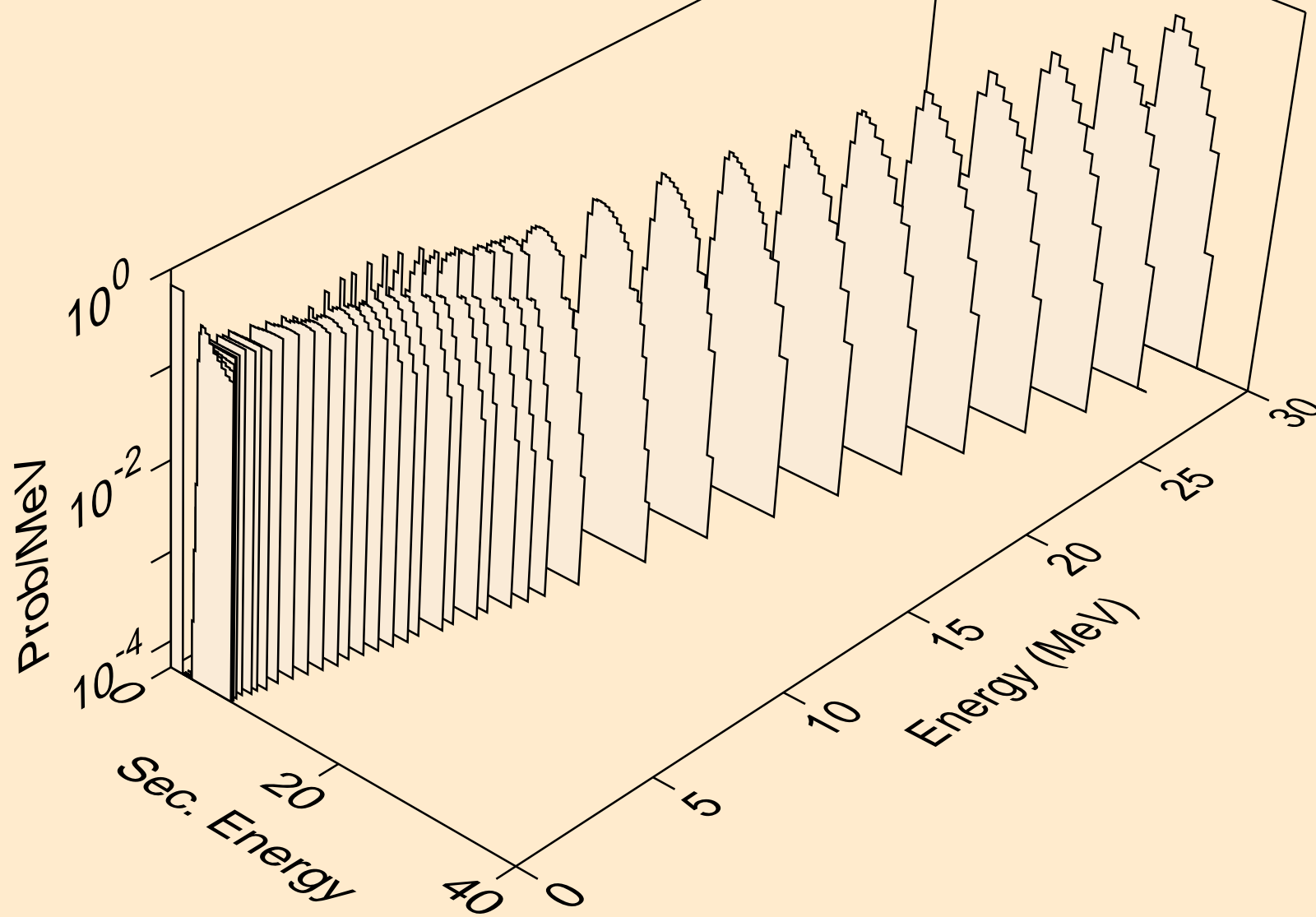
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alphas from (n,n\*)2a



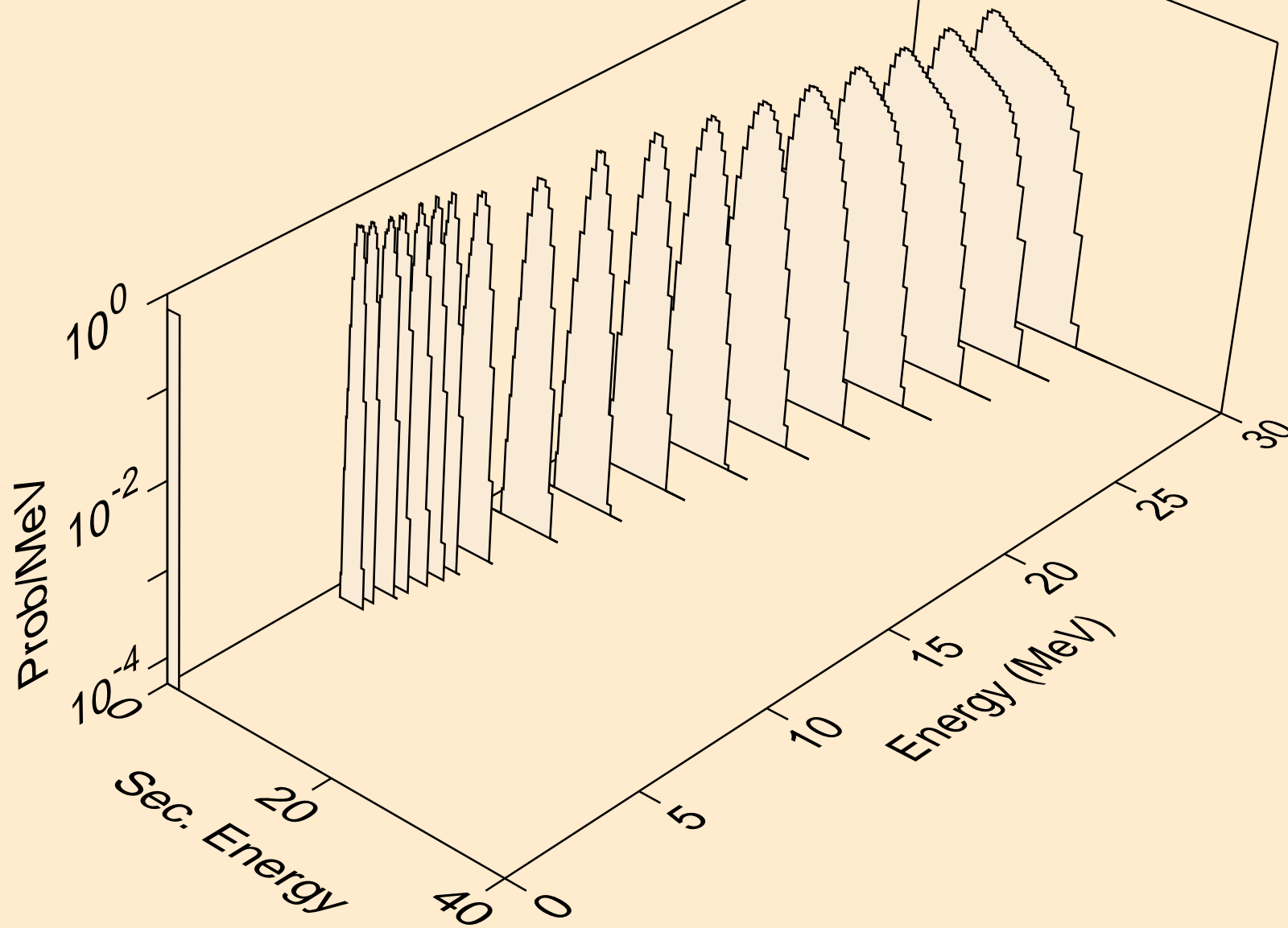
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alphas from (n,npa)



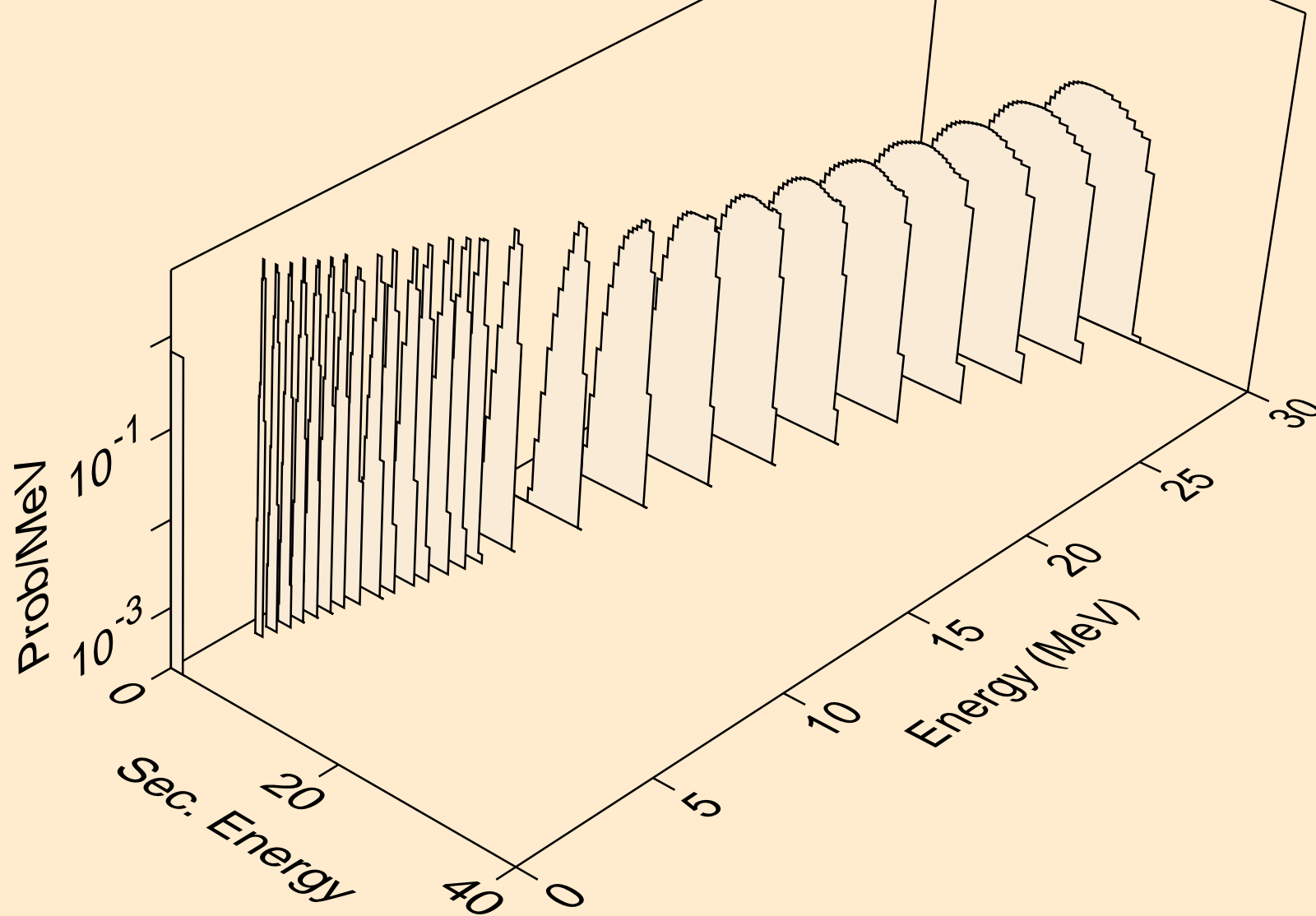
ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)





ZN060 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

