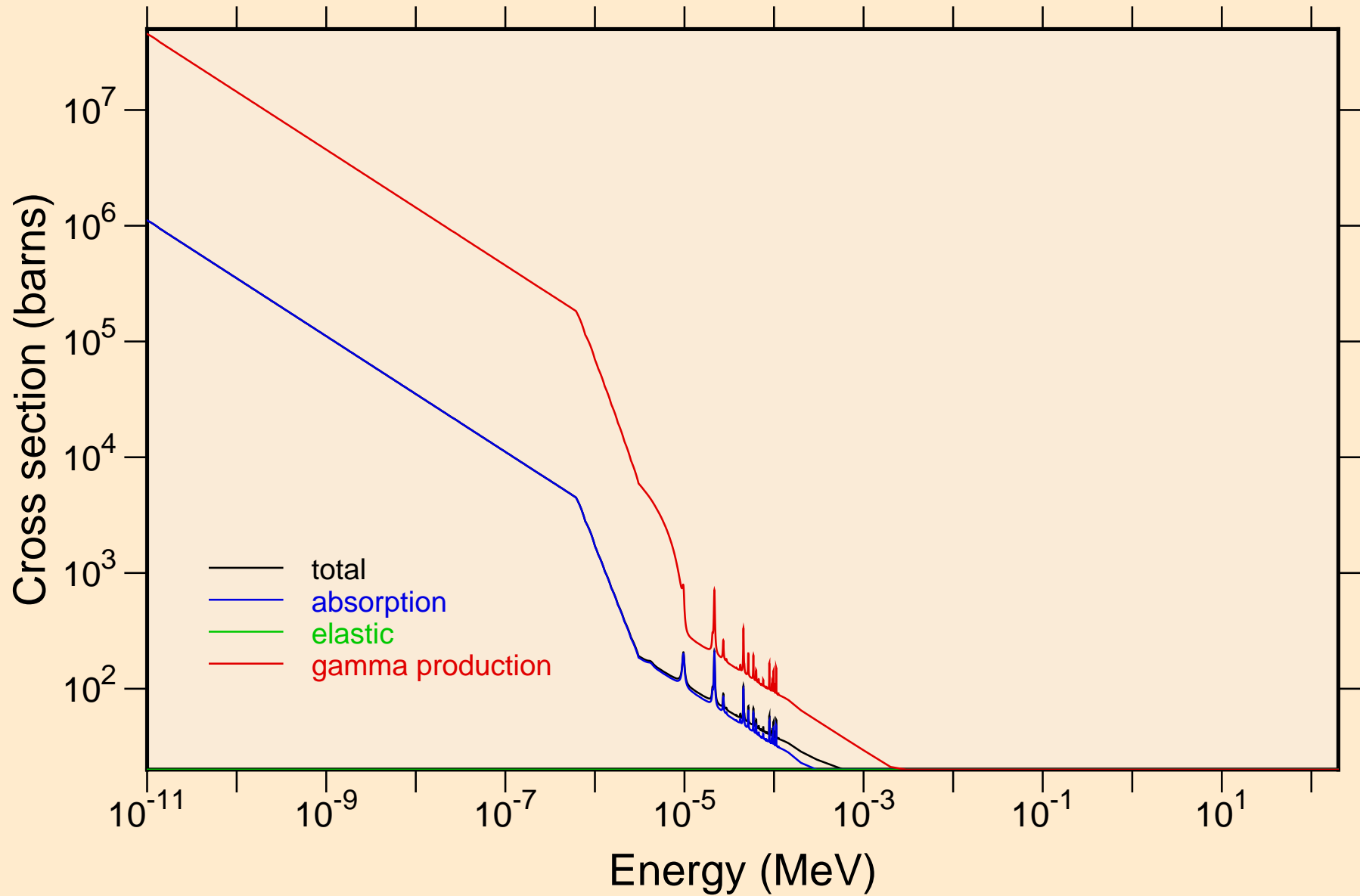
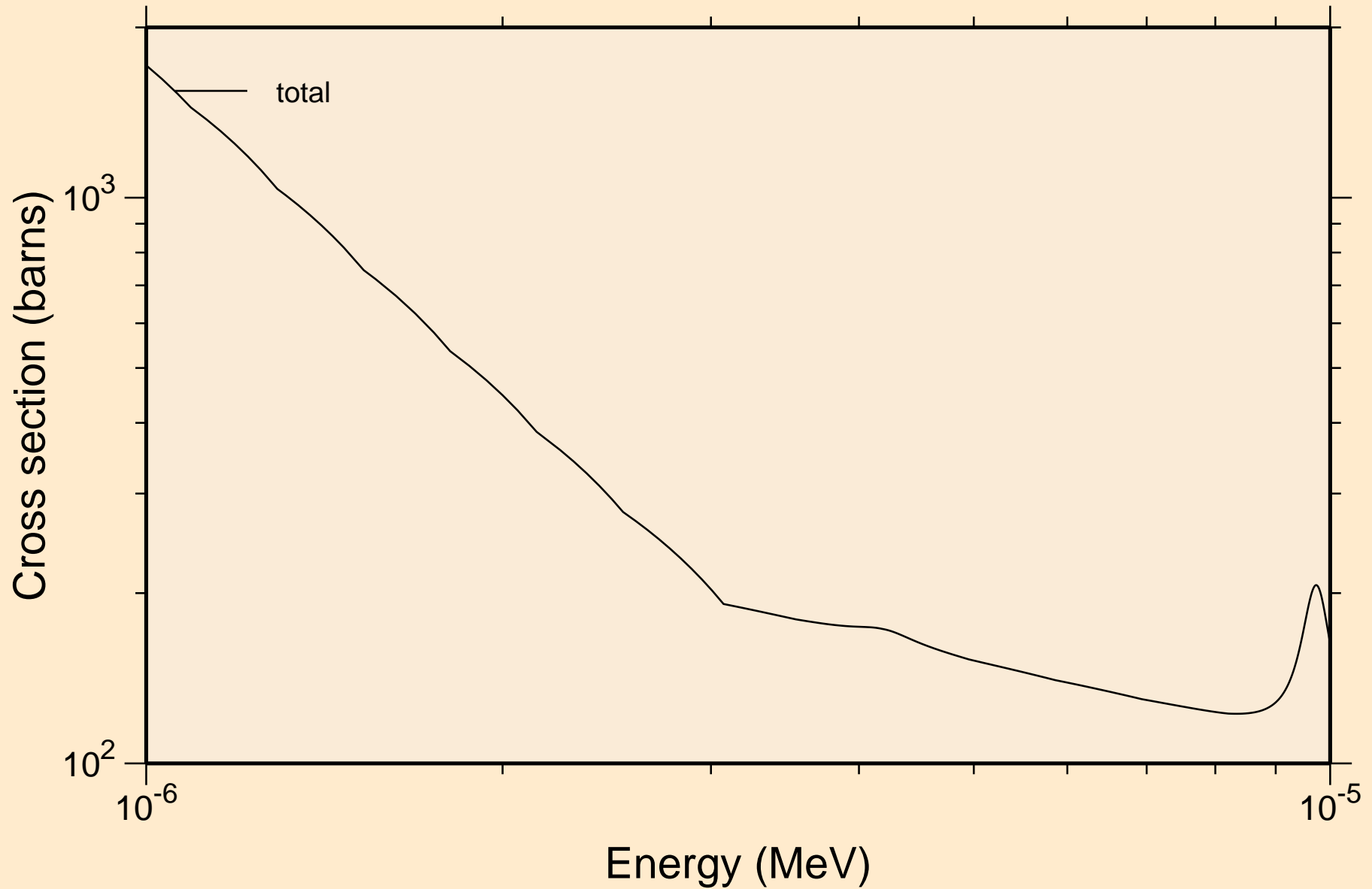


# Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

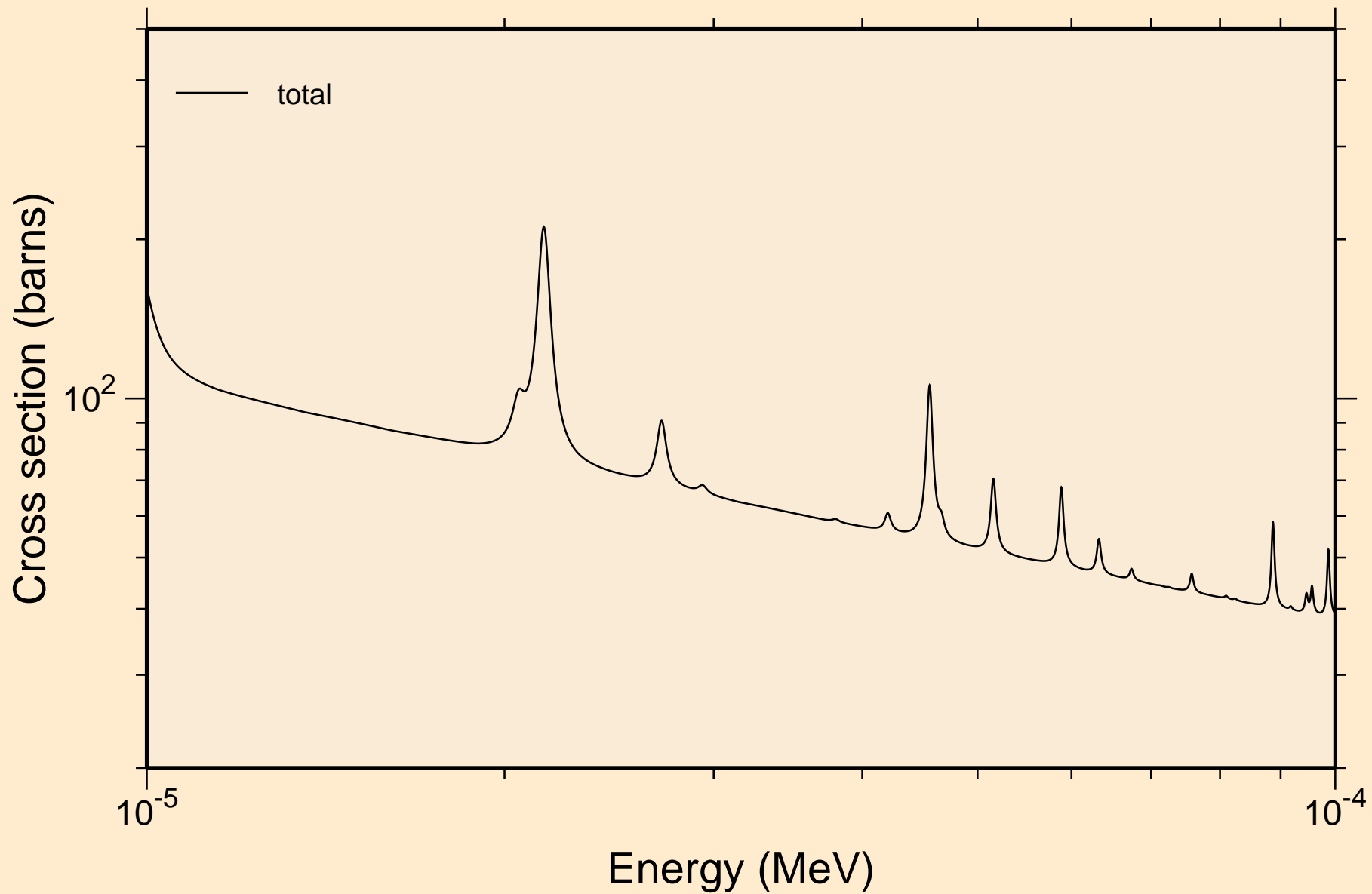
## Principal cross sections



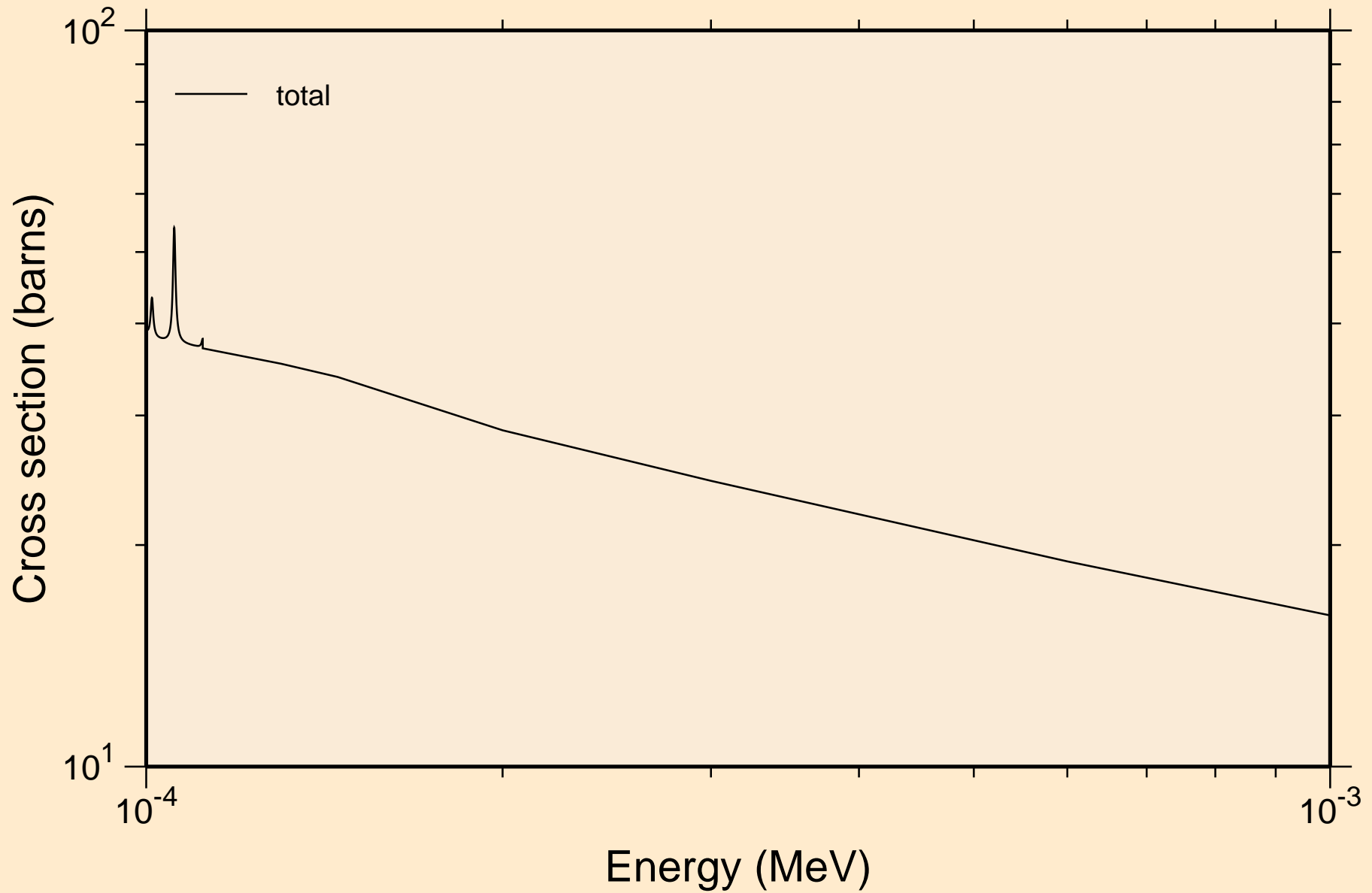
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resonance total cross section



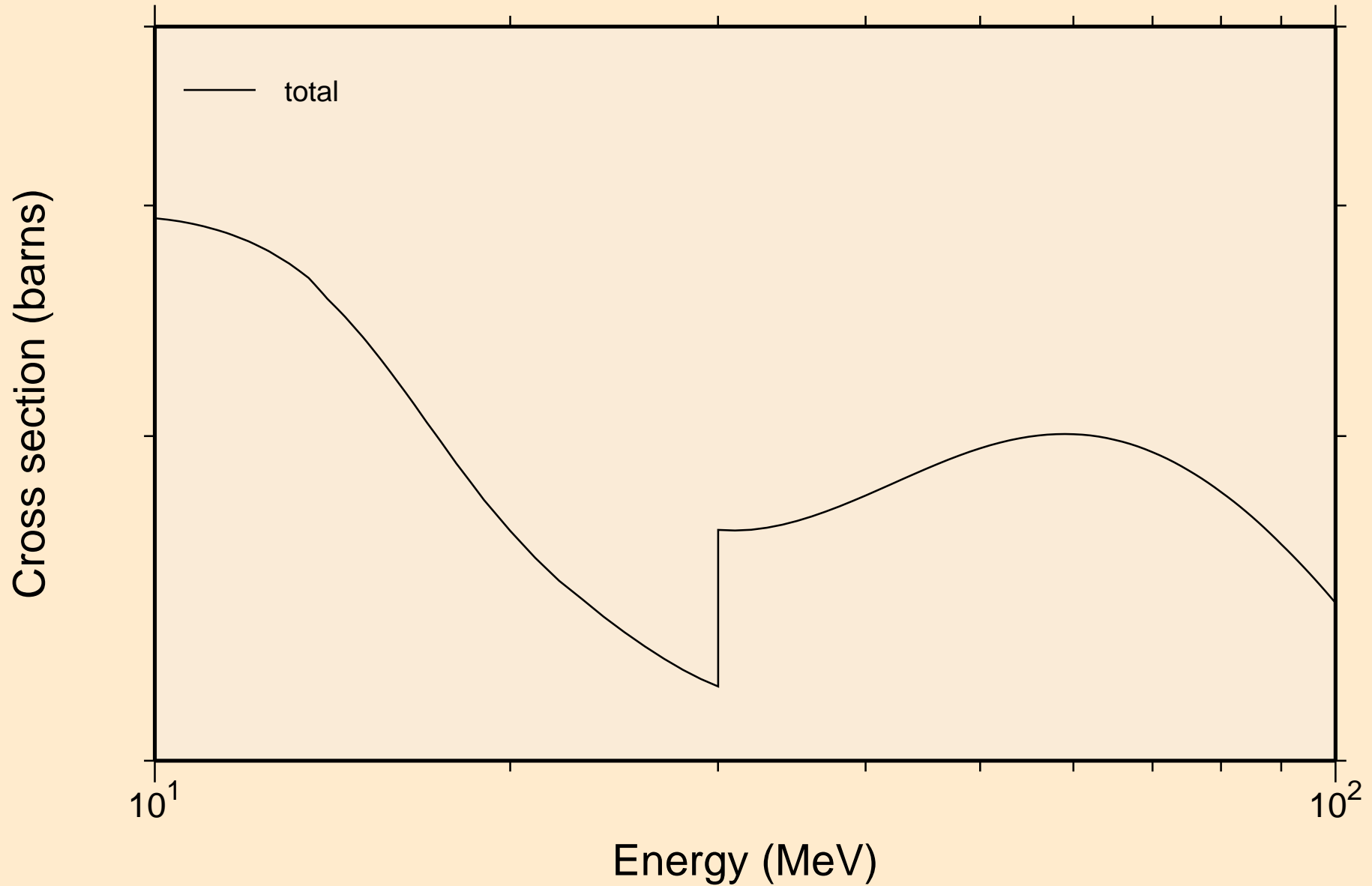
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resonance total cross section



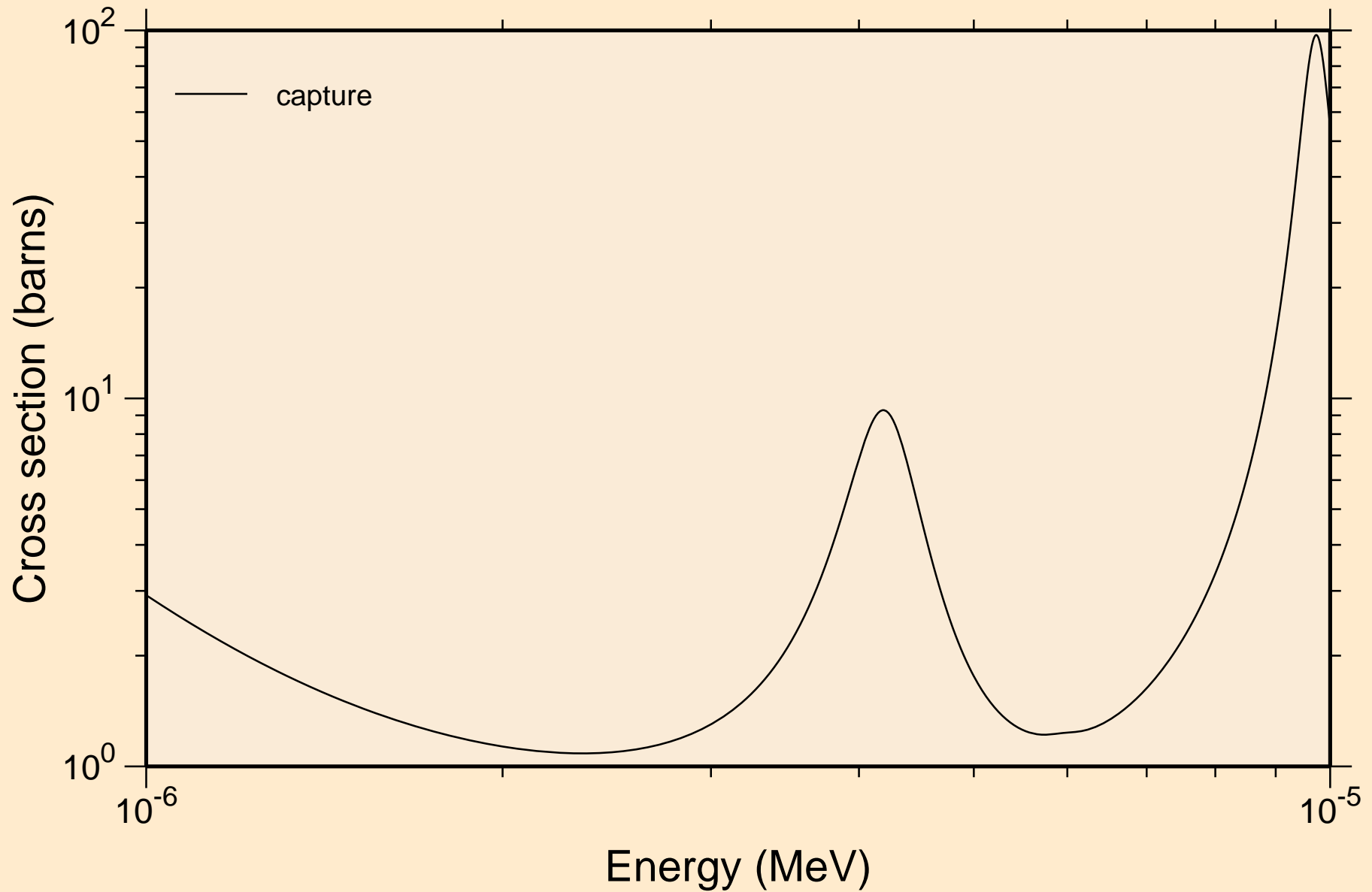
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



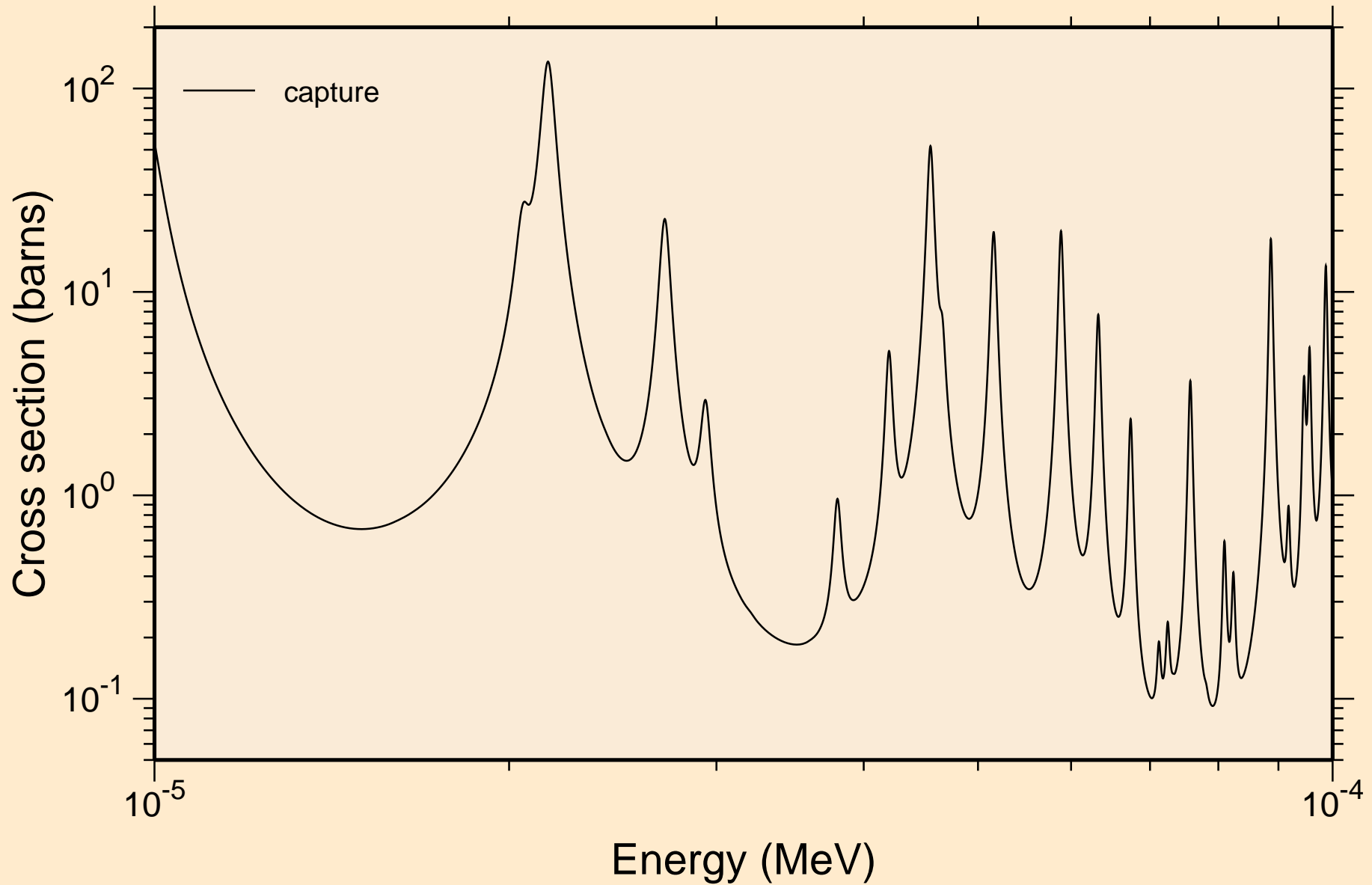
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



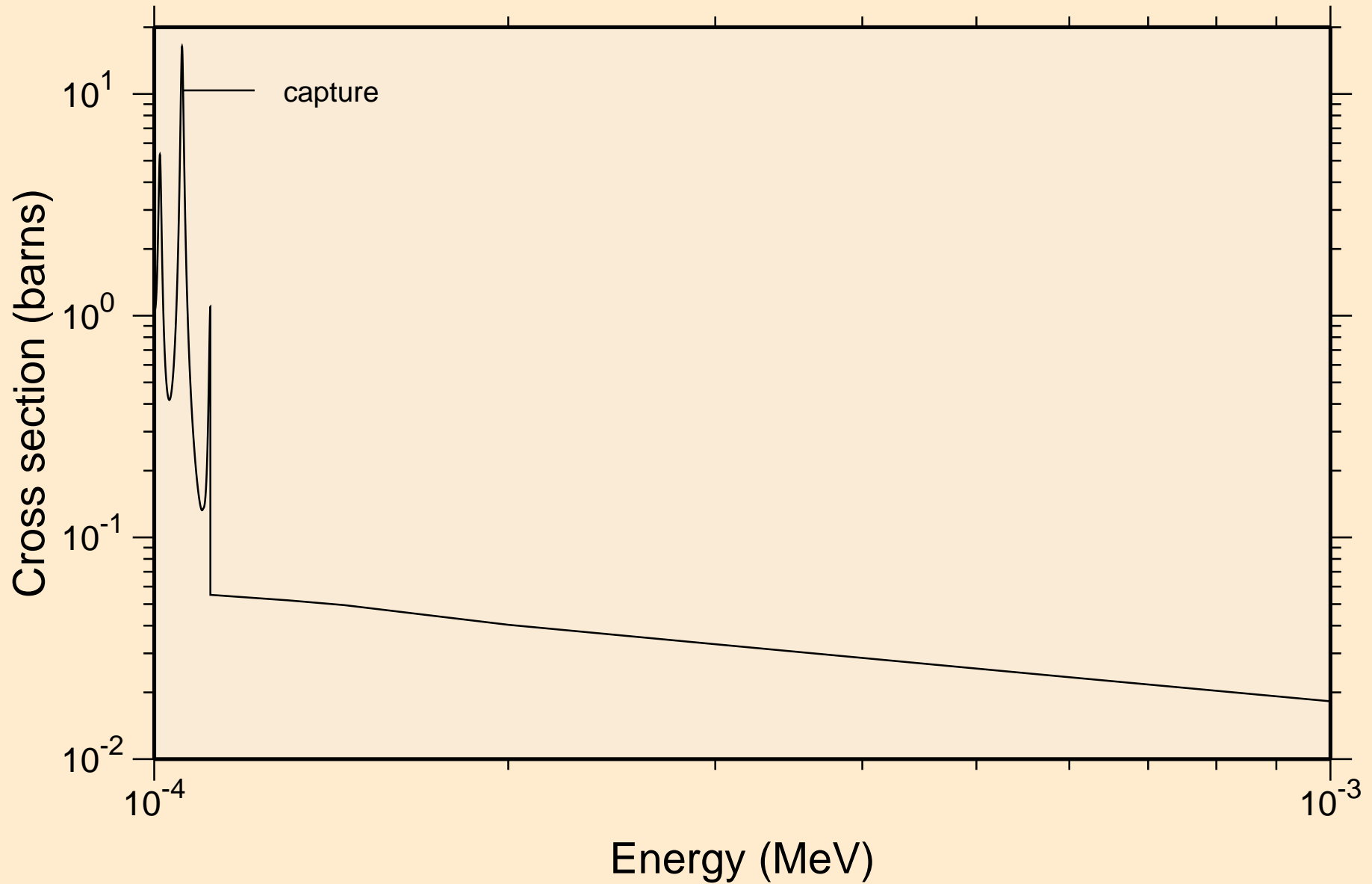
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

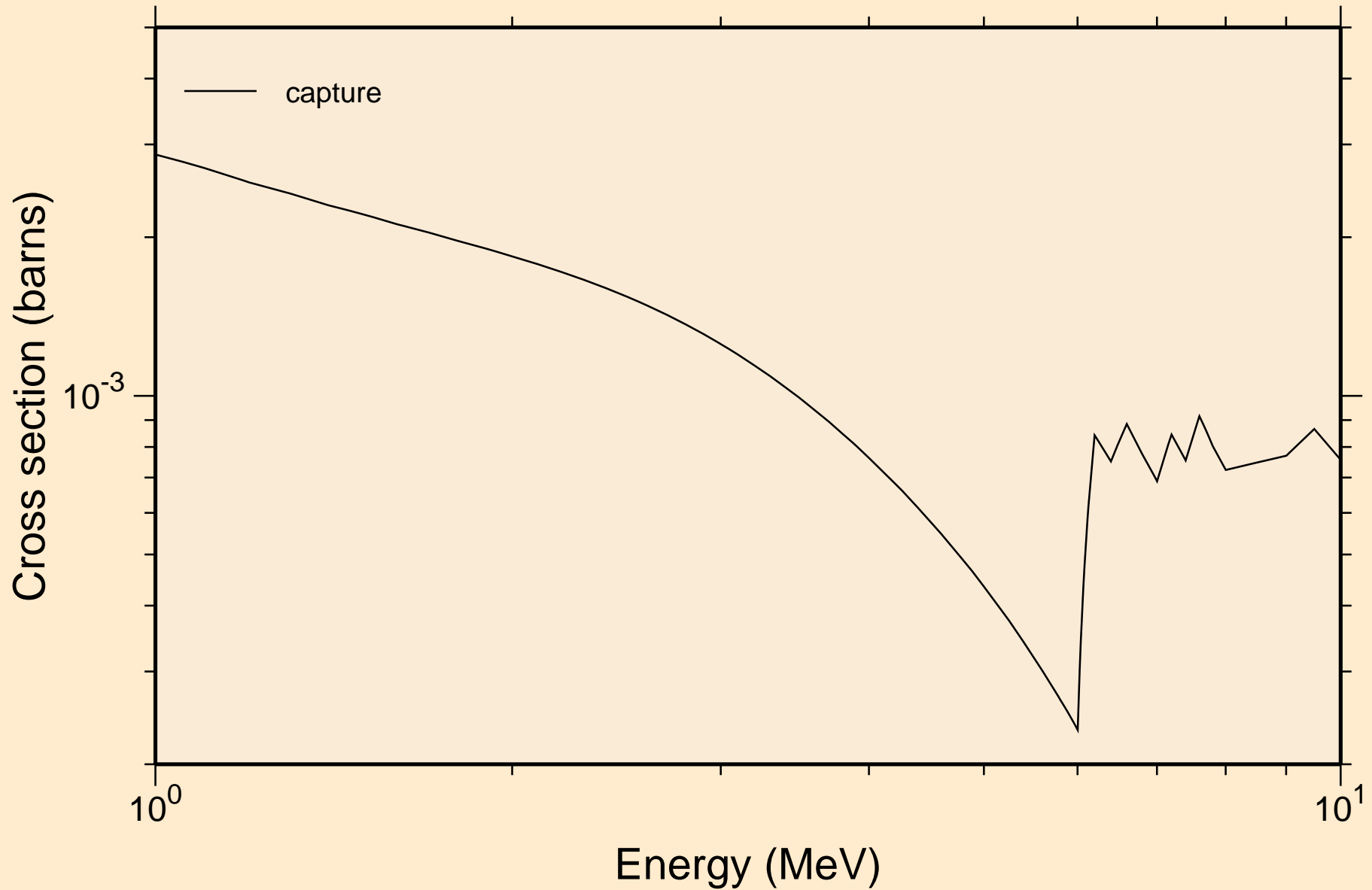


Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



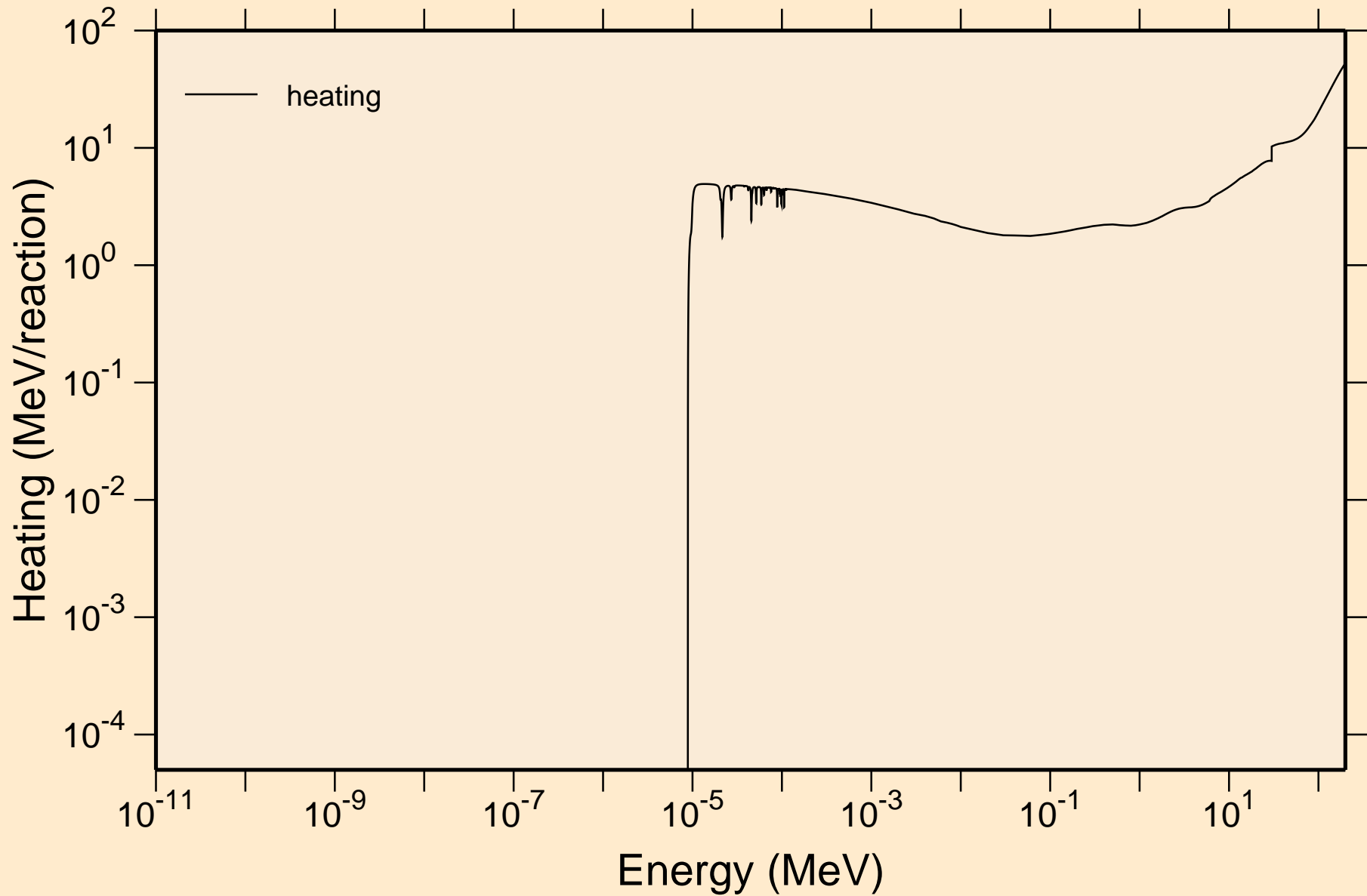


Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



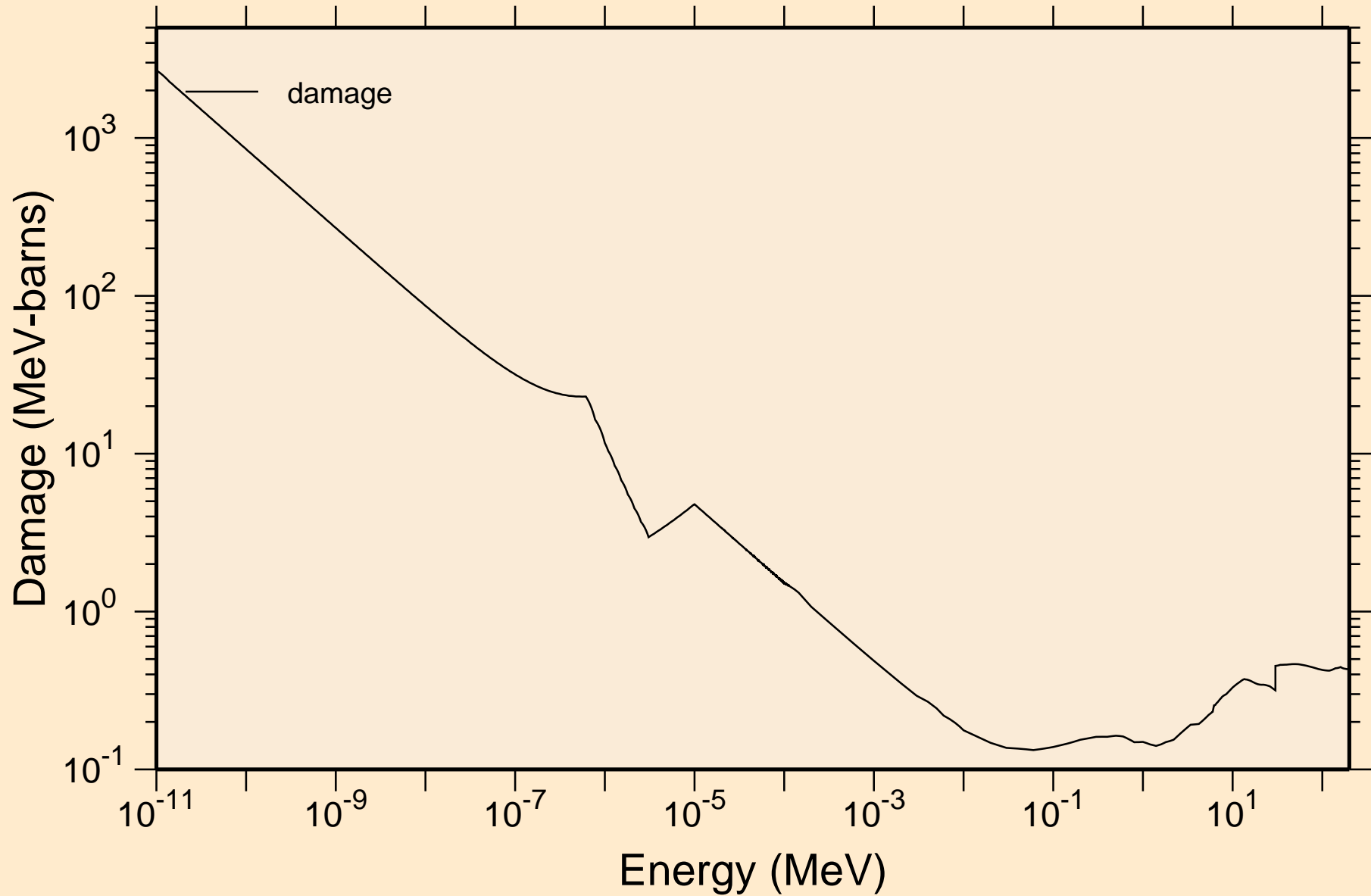
# Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

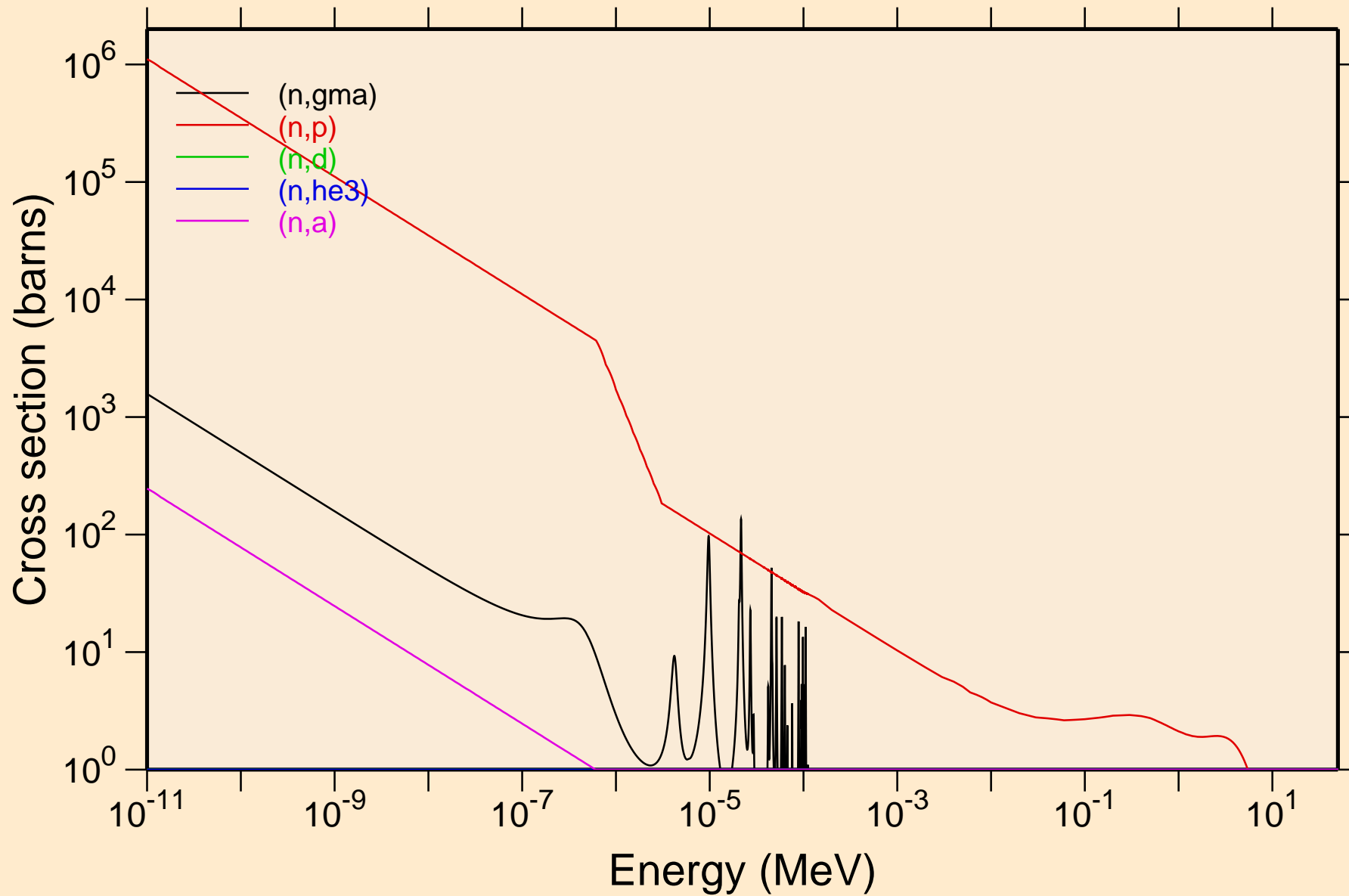


# Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

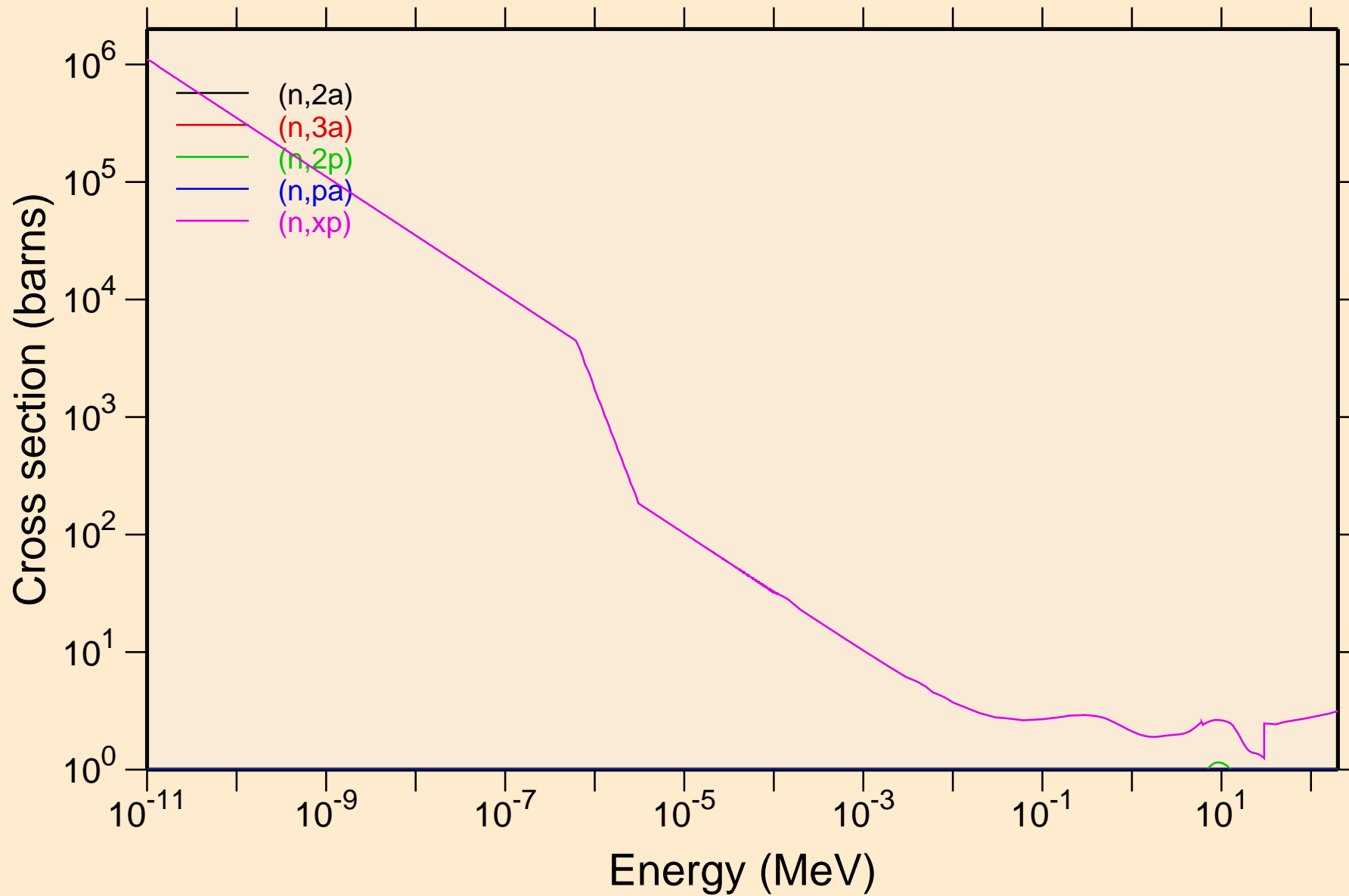
## Damage



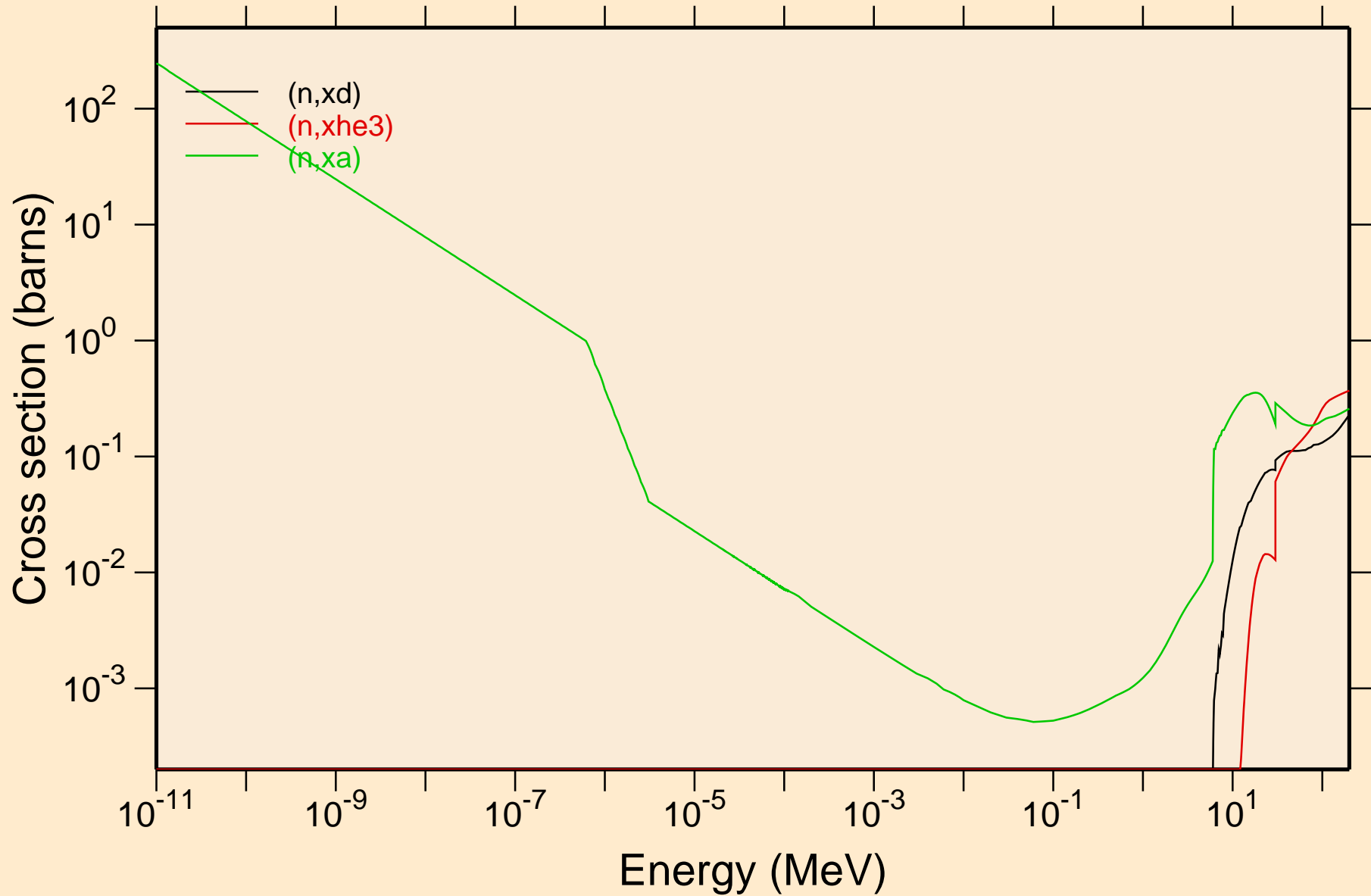
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

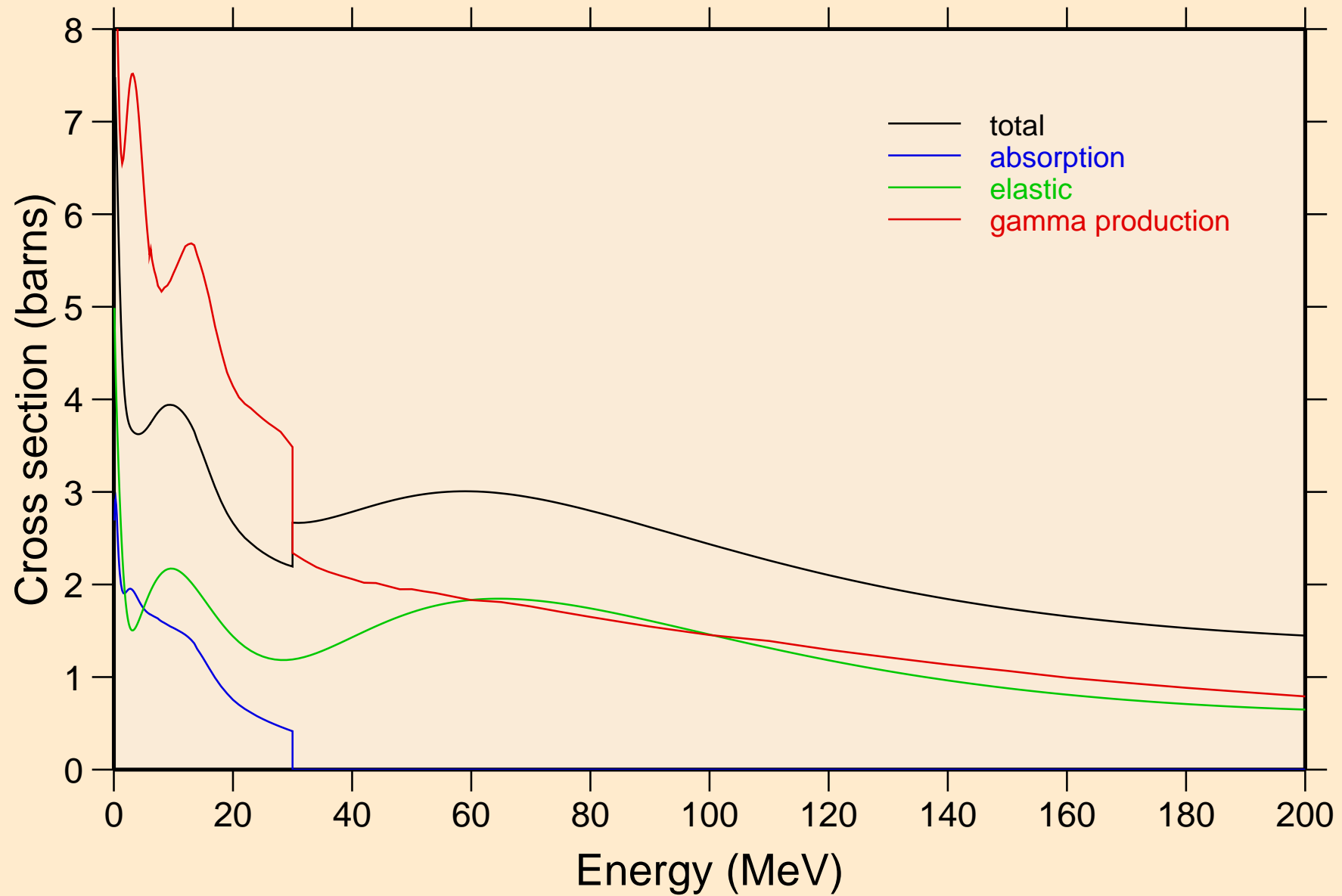


Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



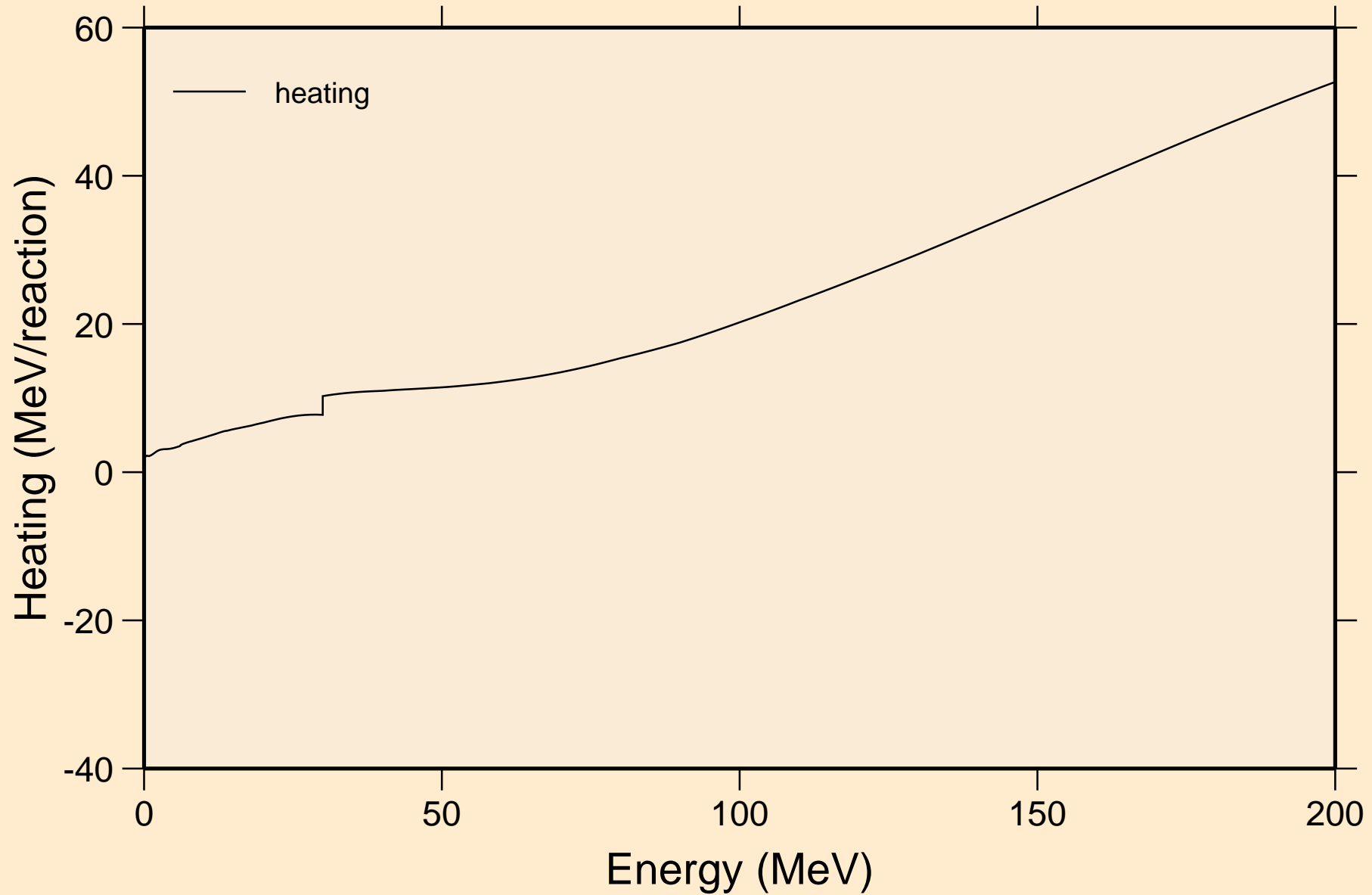
# Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



# Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

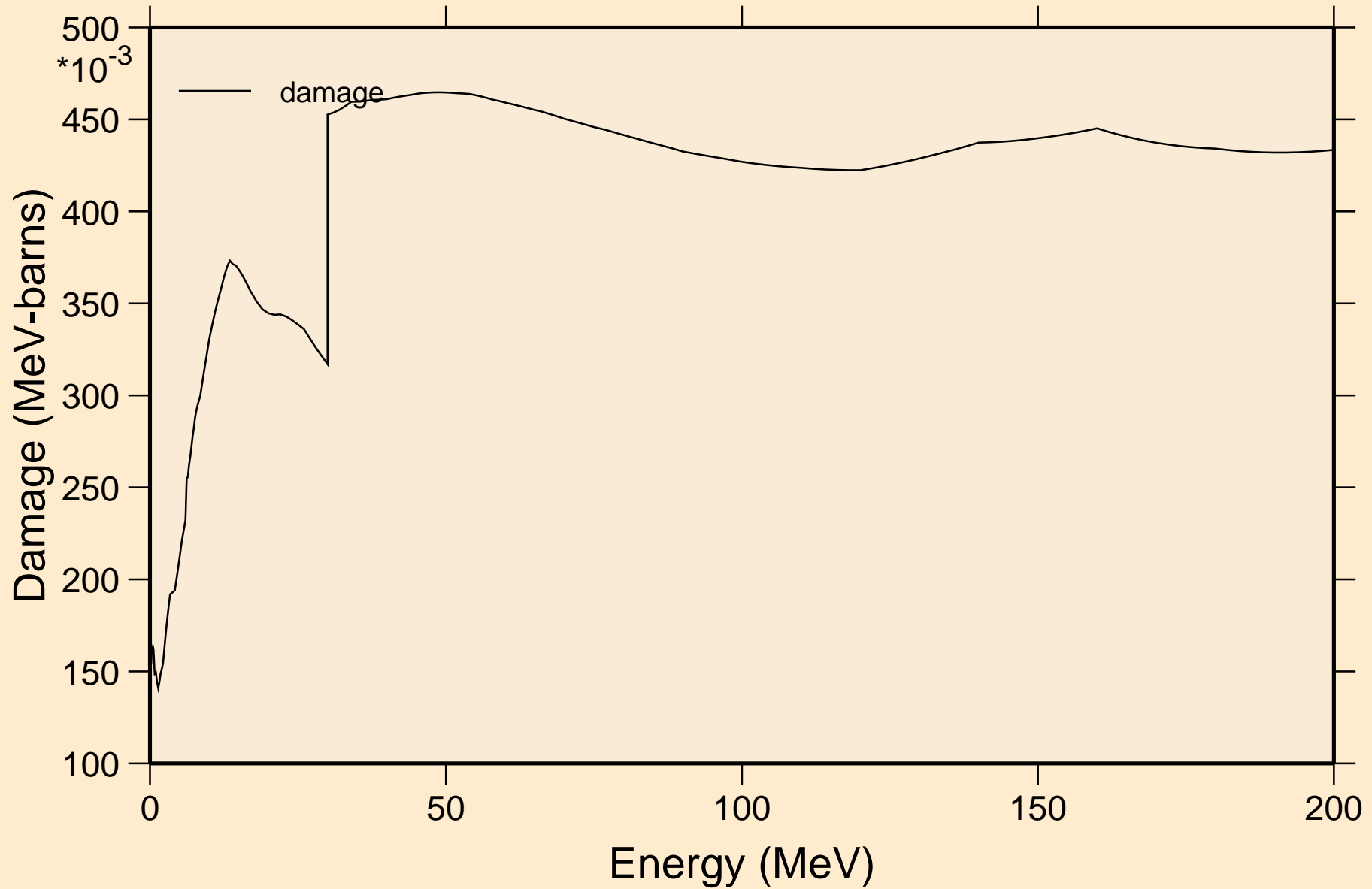
## Heating



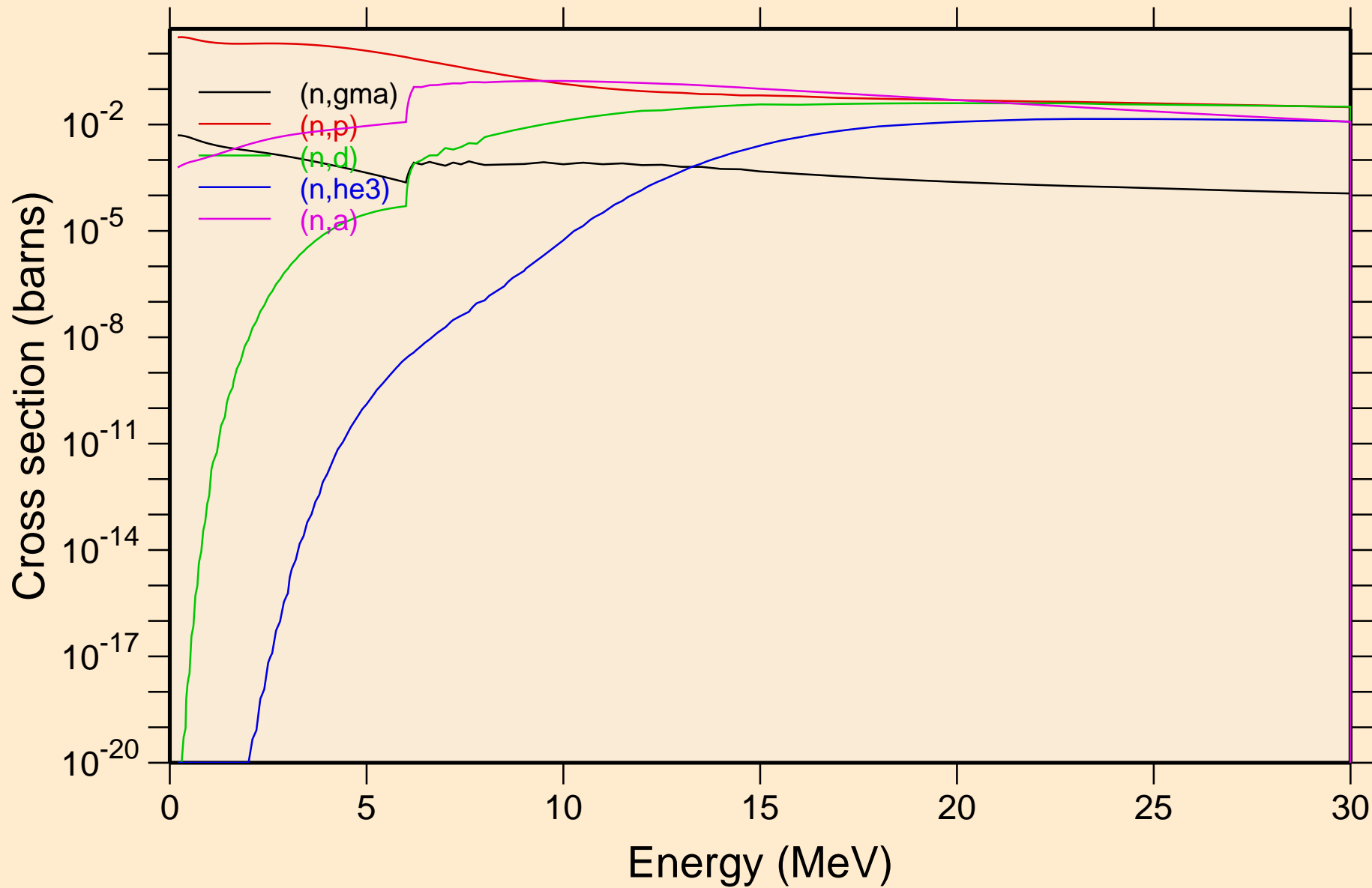


# Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

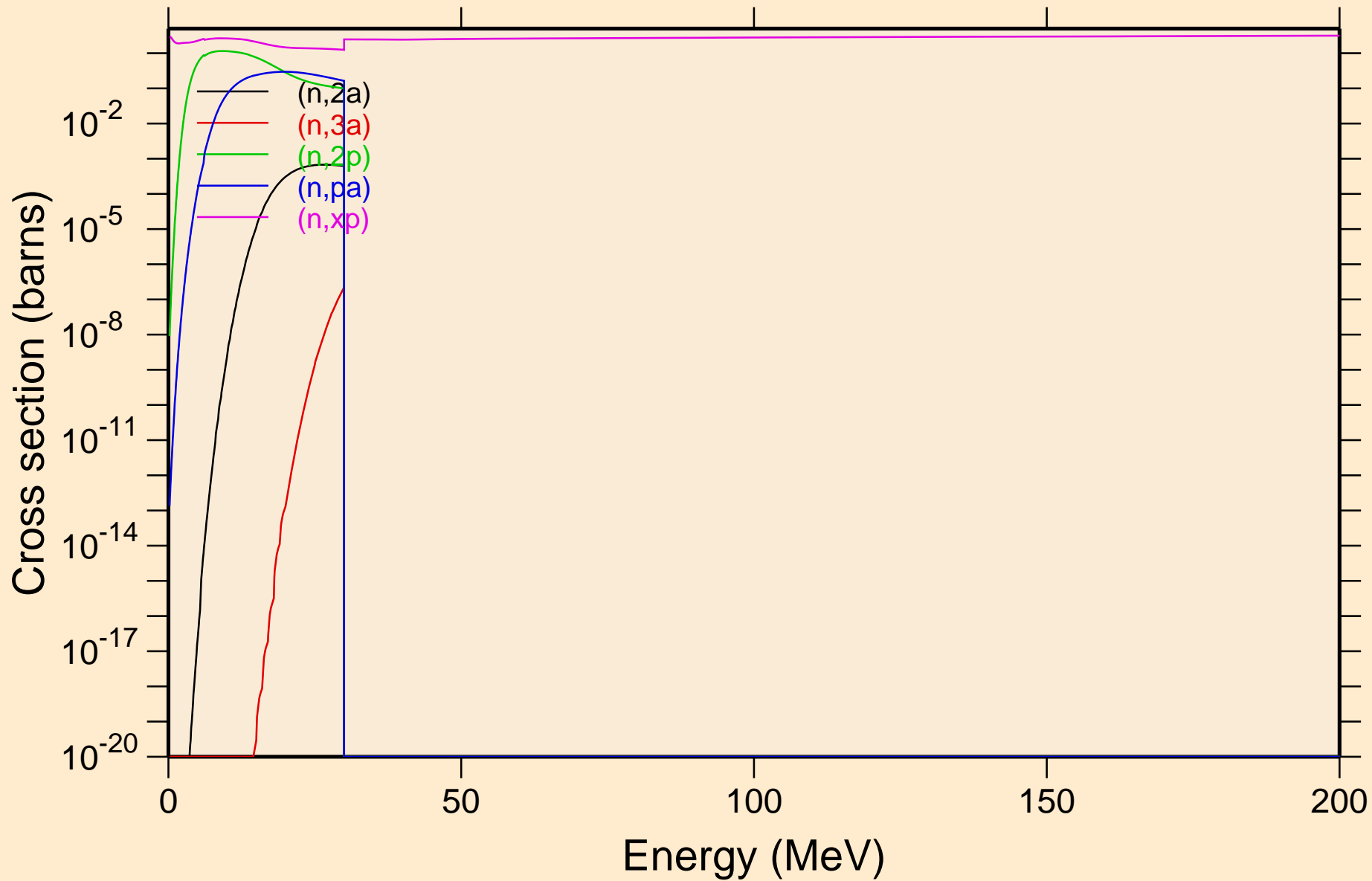
## Damage



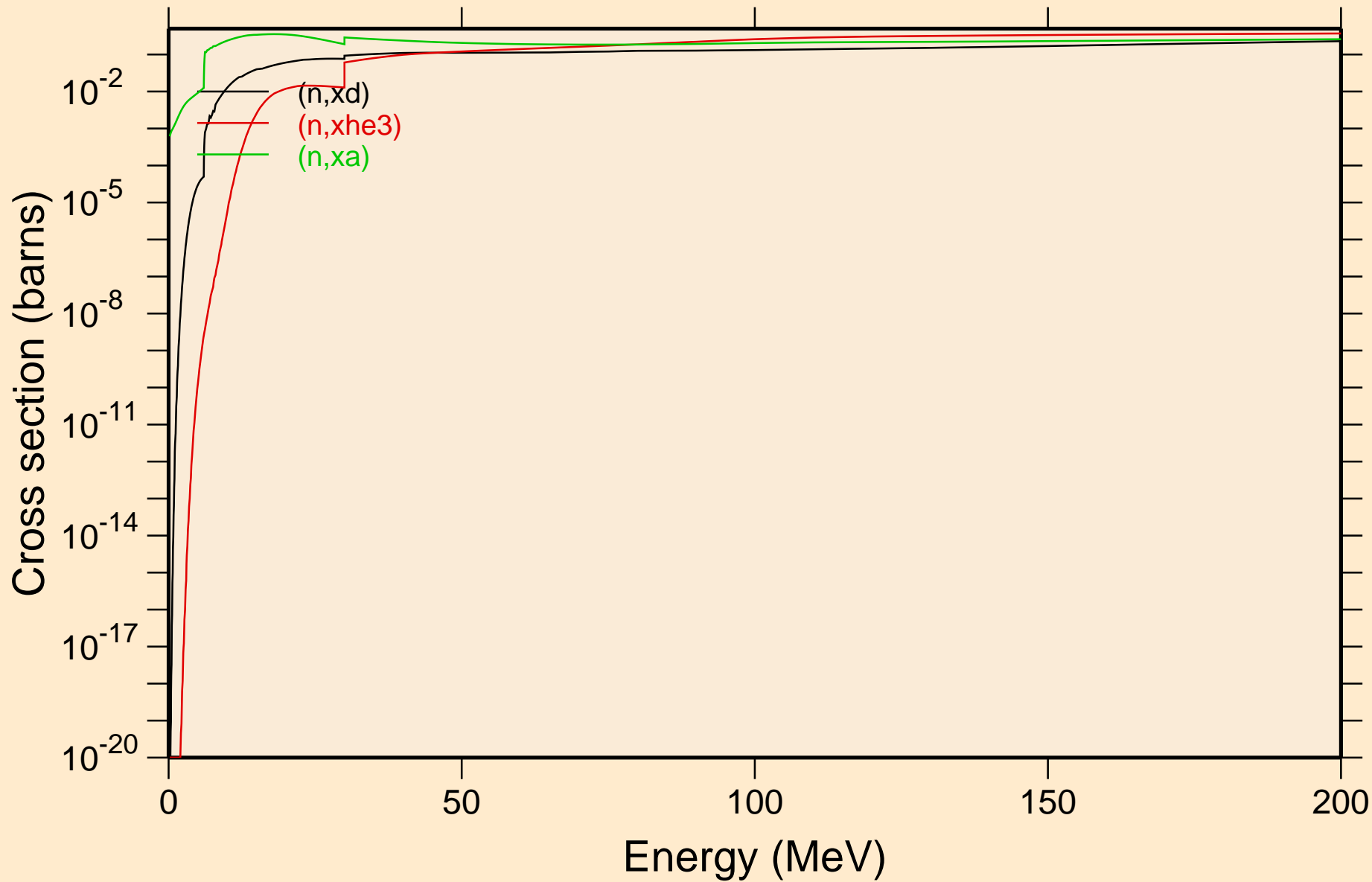
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



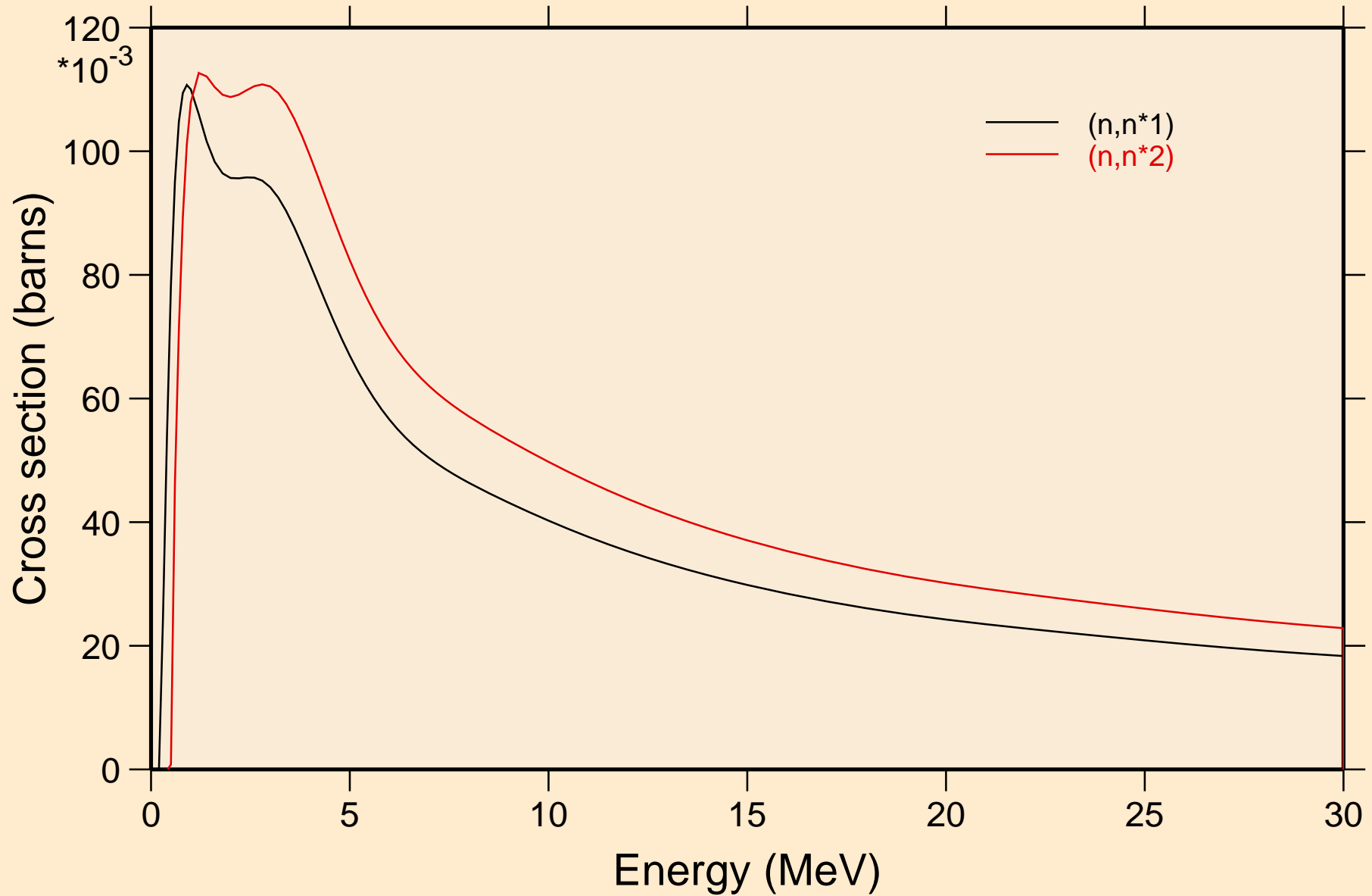
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

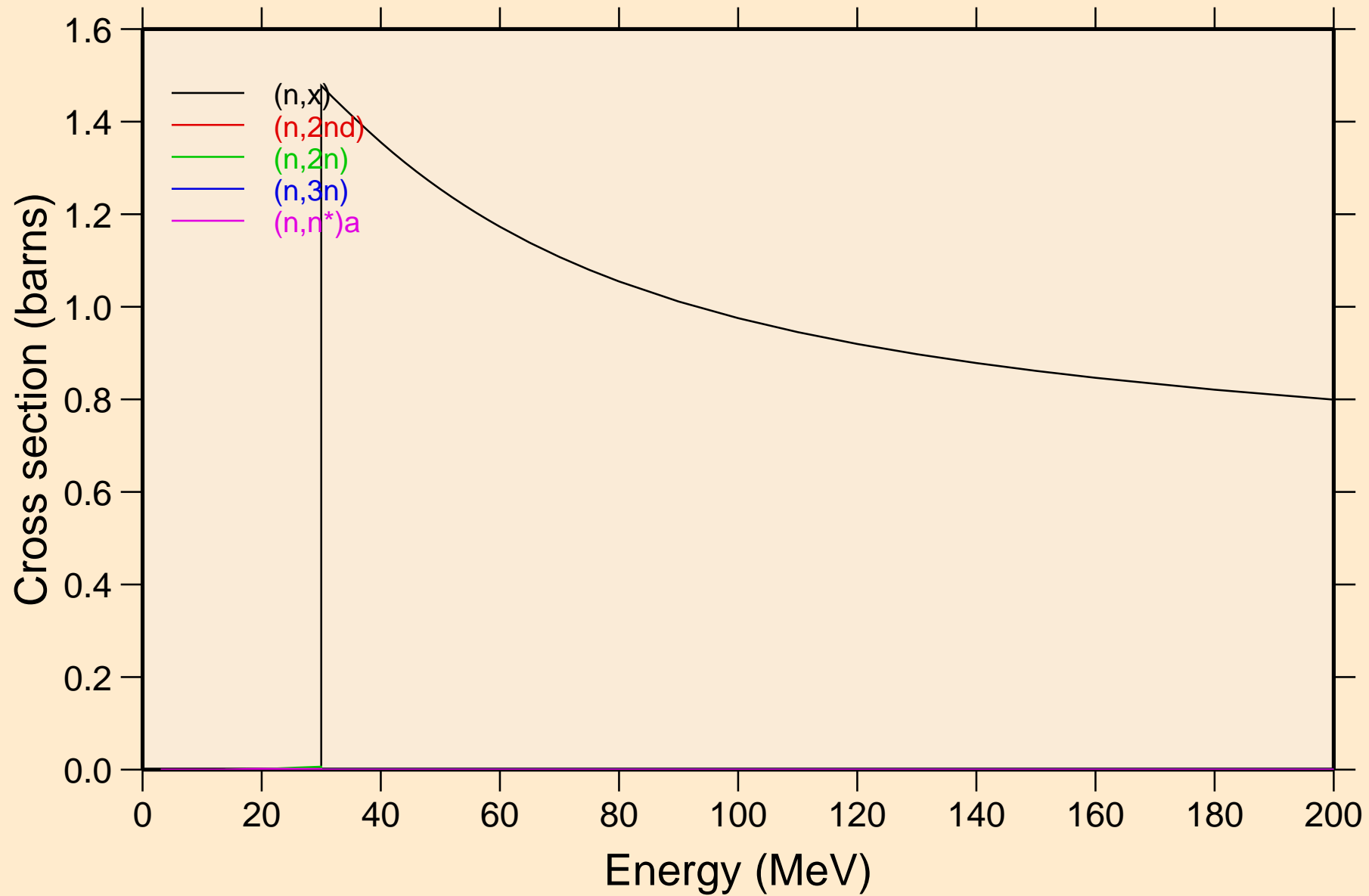


Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

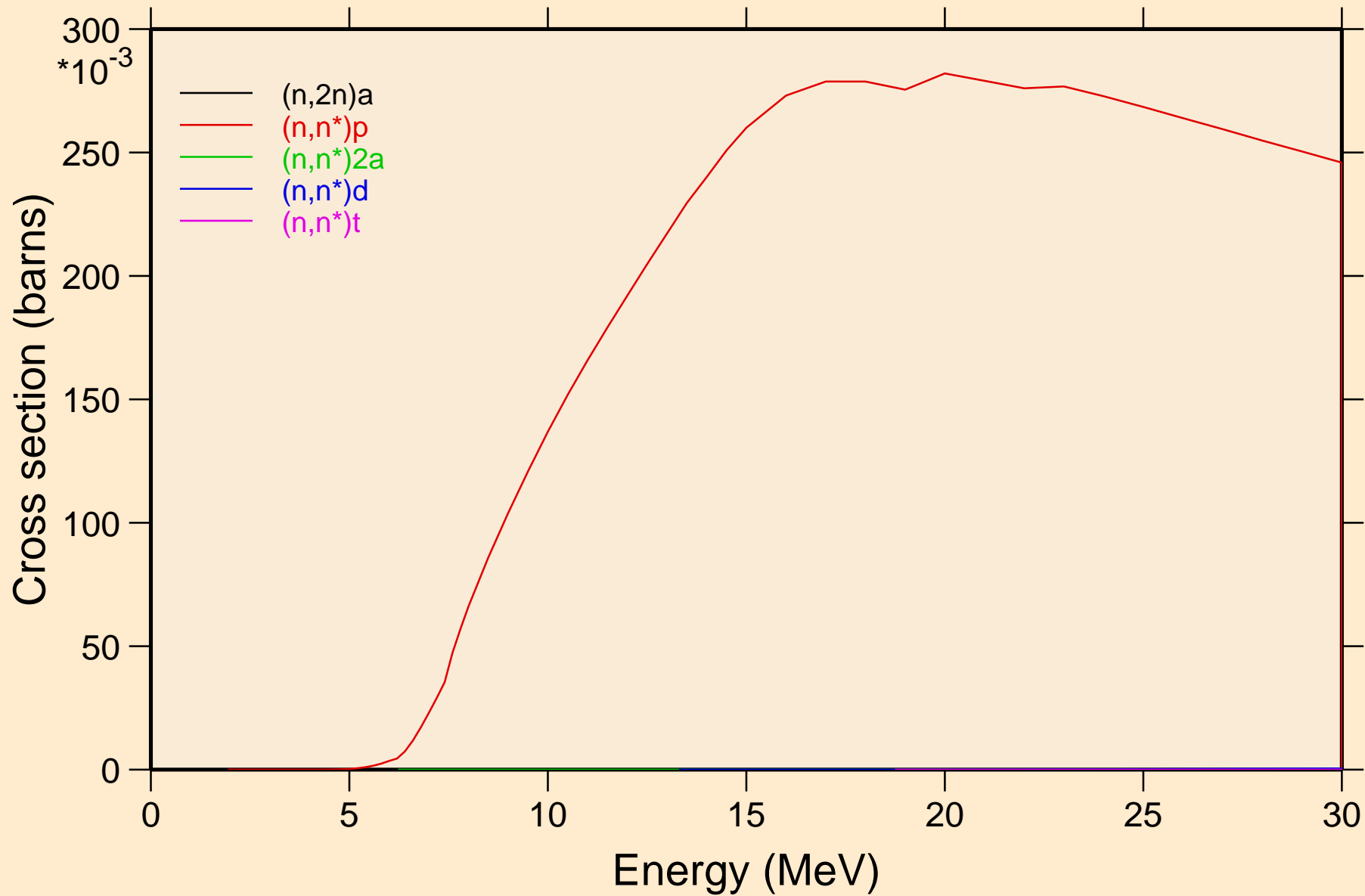


# Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

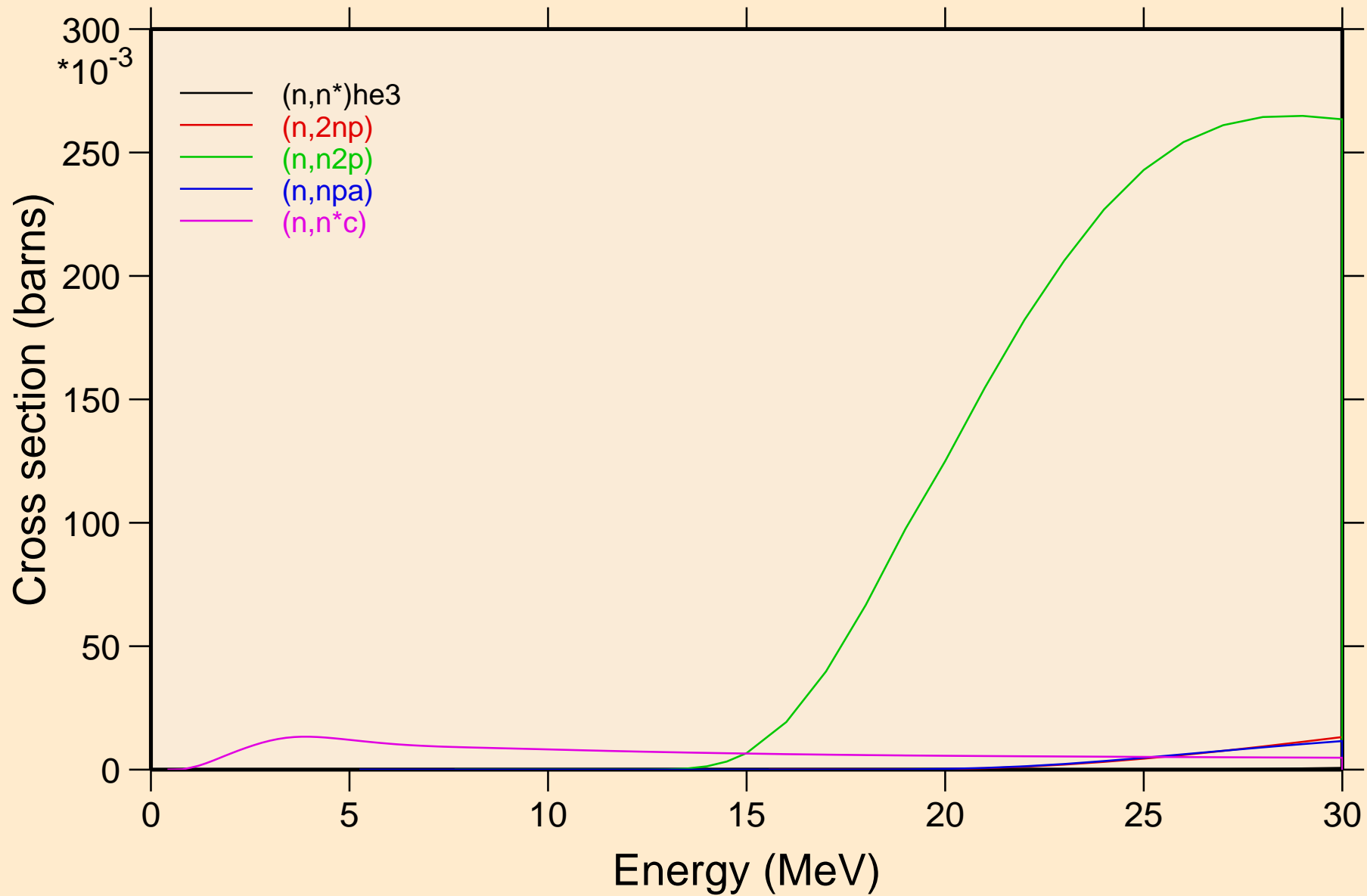
## Threshold reactions



Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

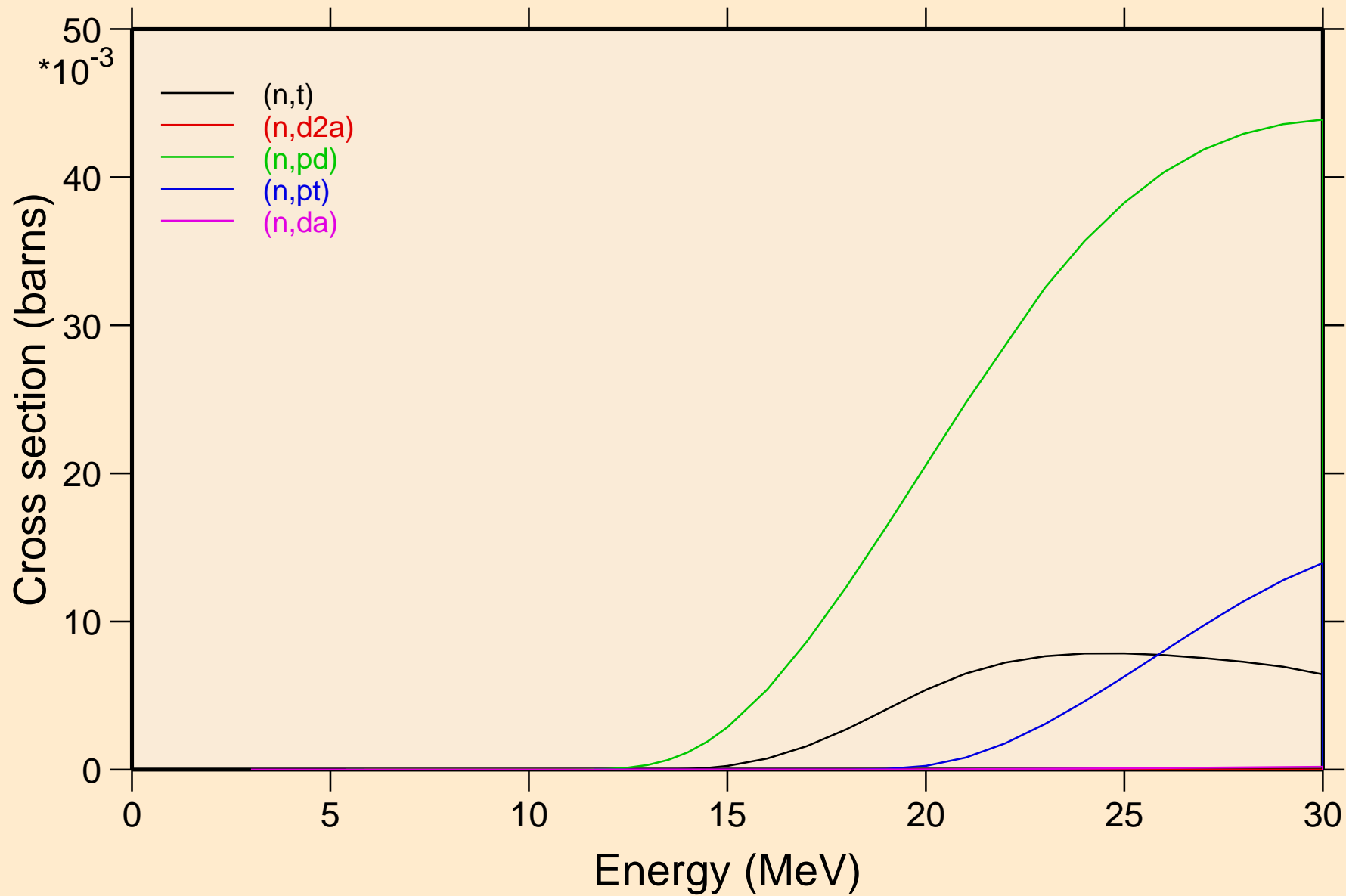


Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



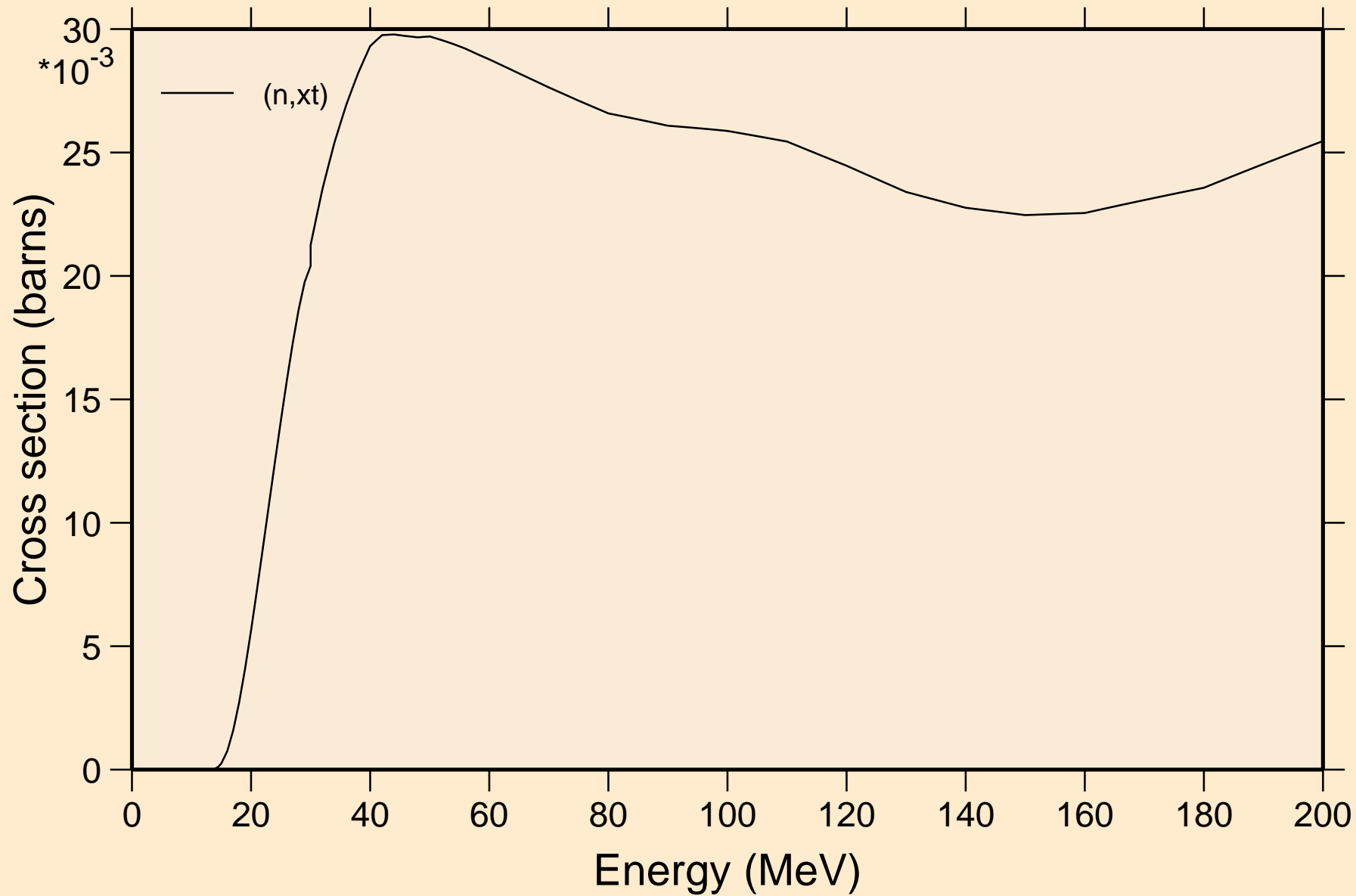


Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

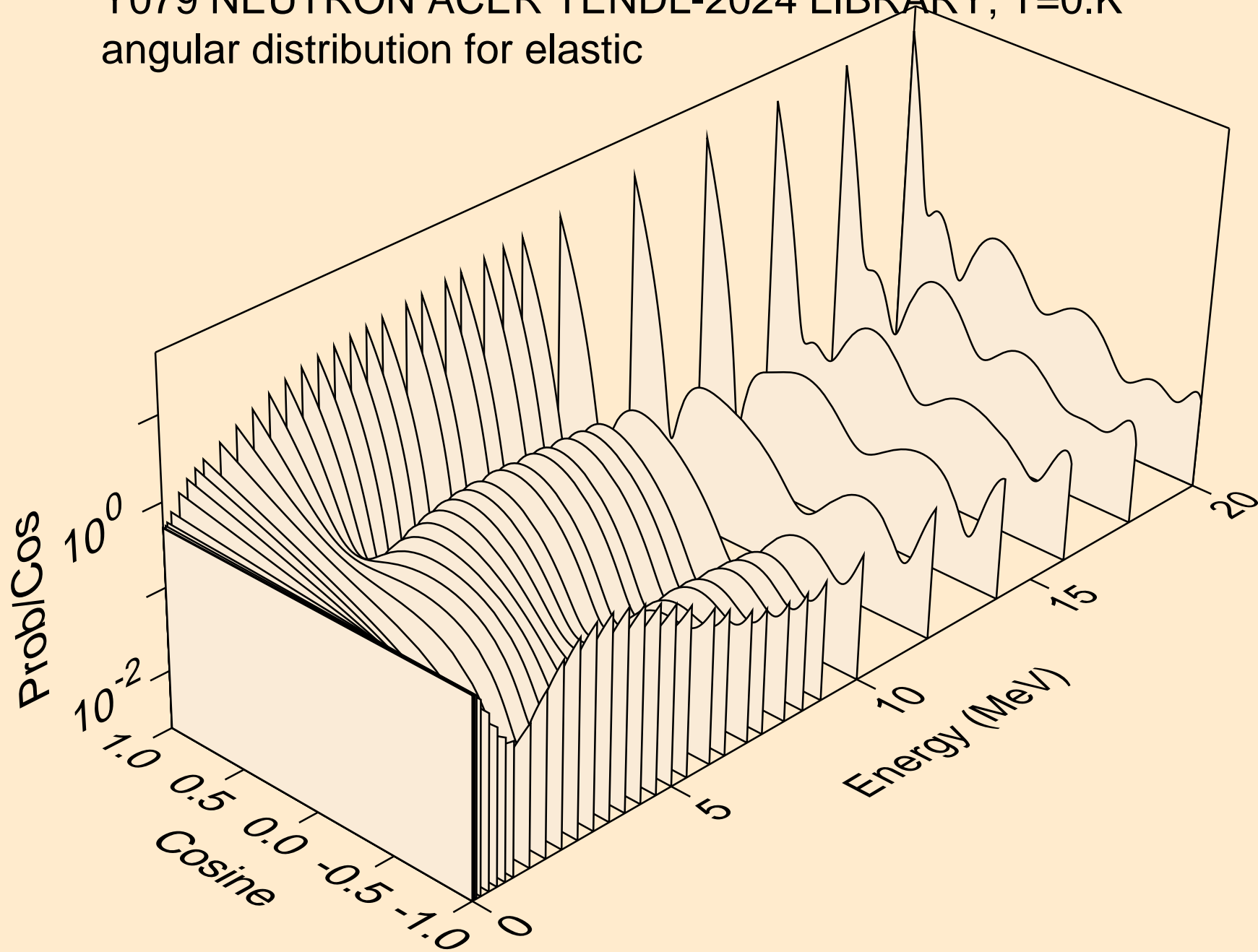


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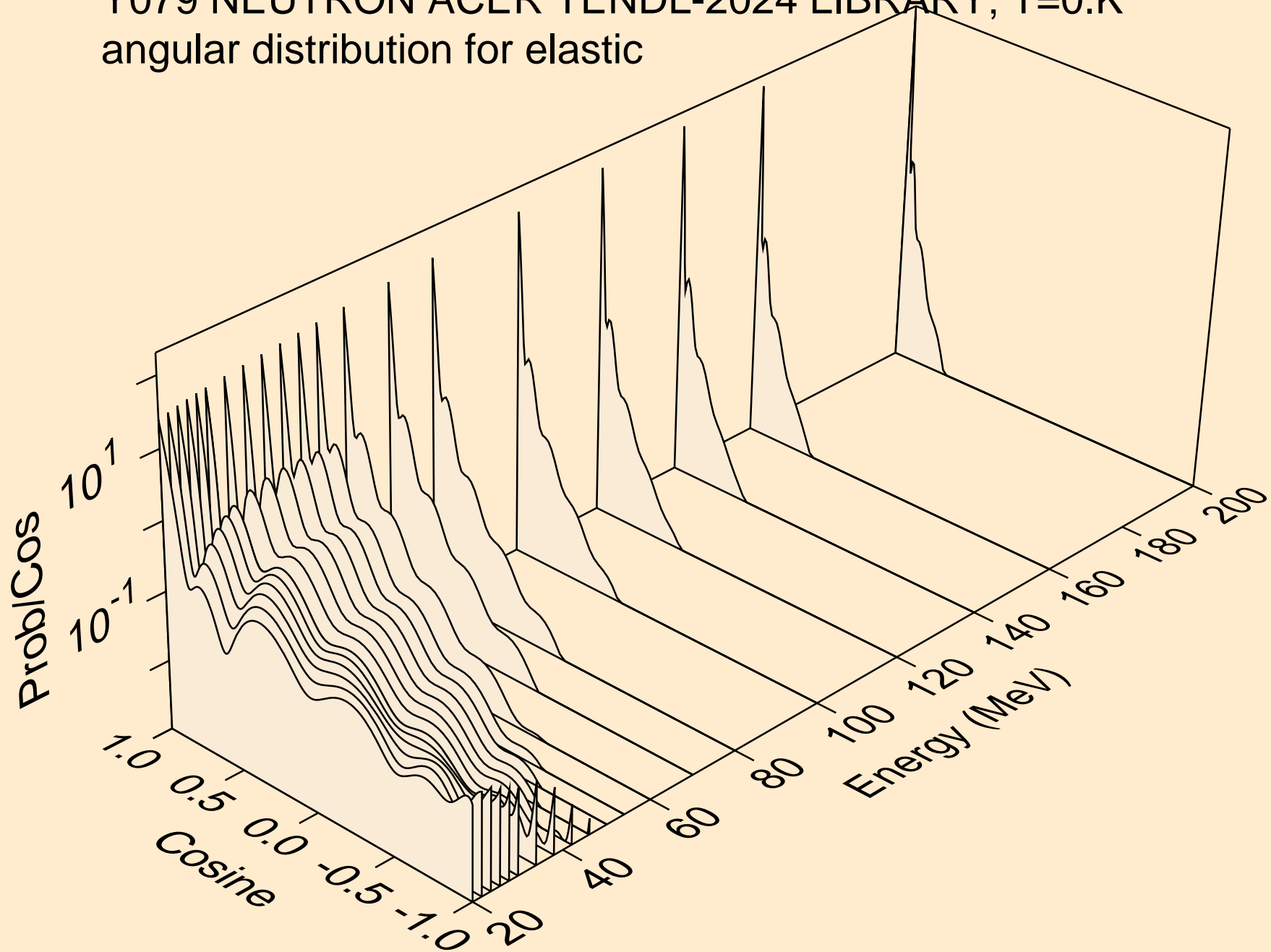
## Threshold reactions



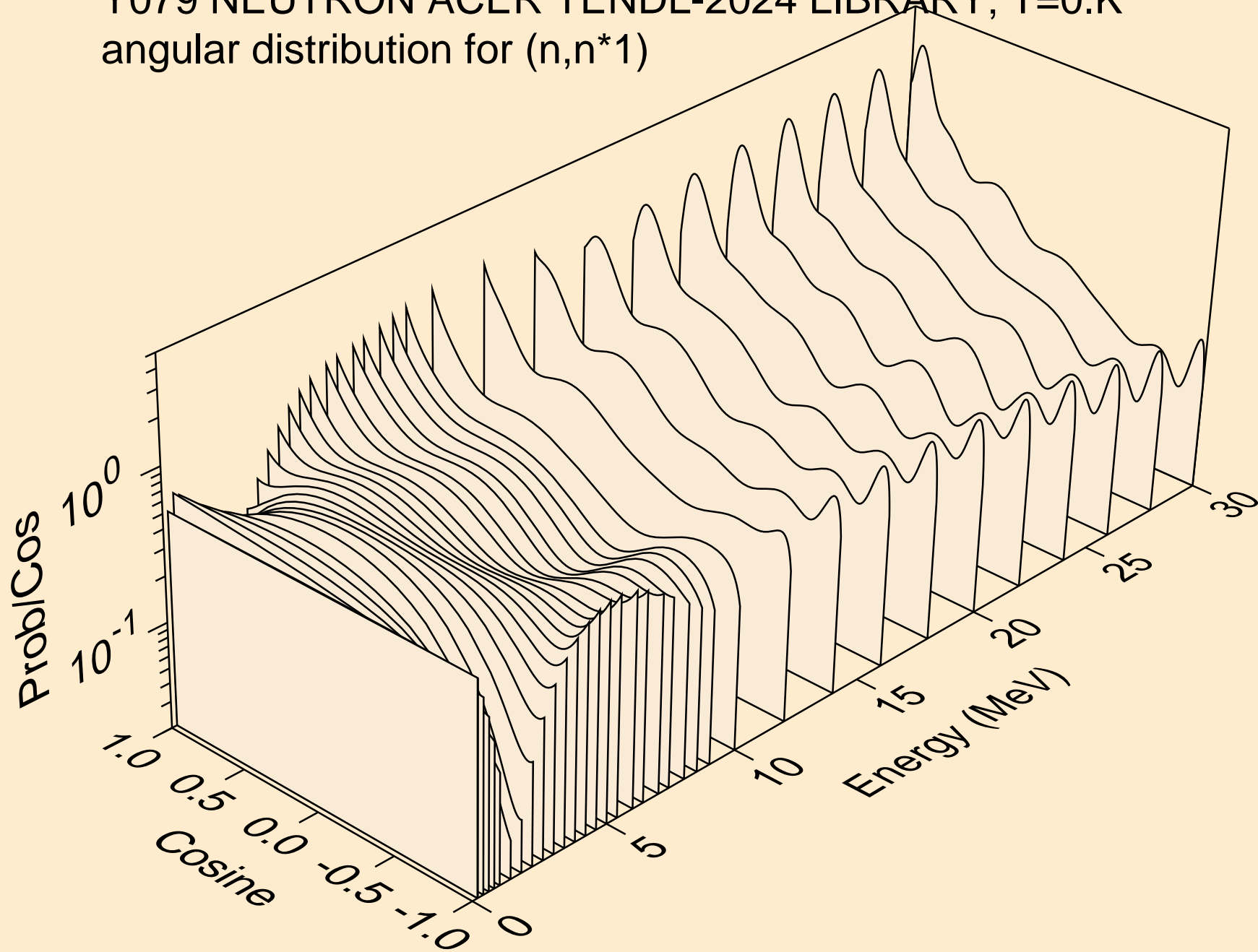
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angular distribution for elastic



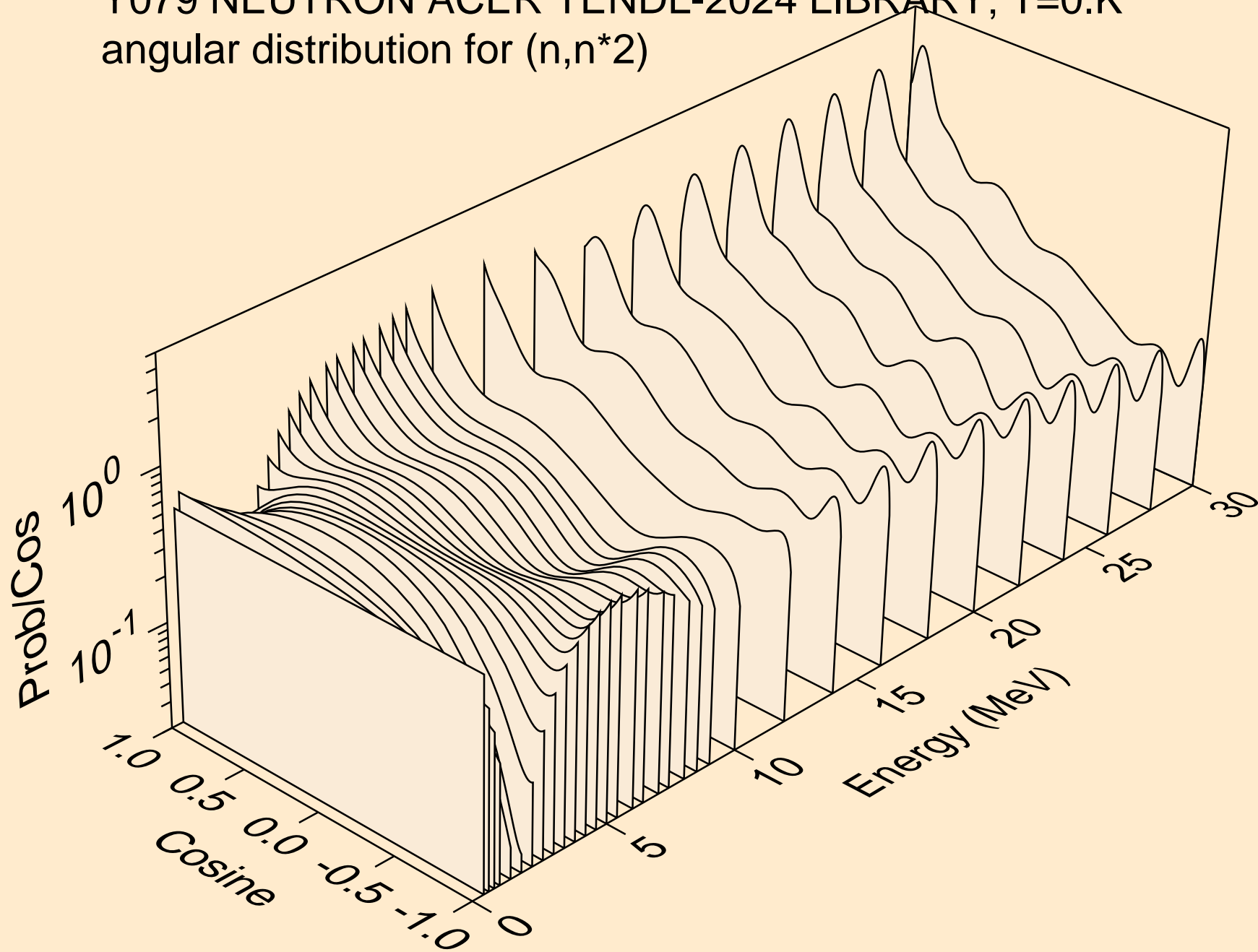
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



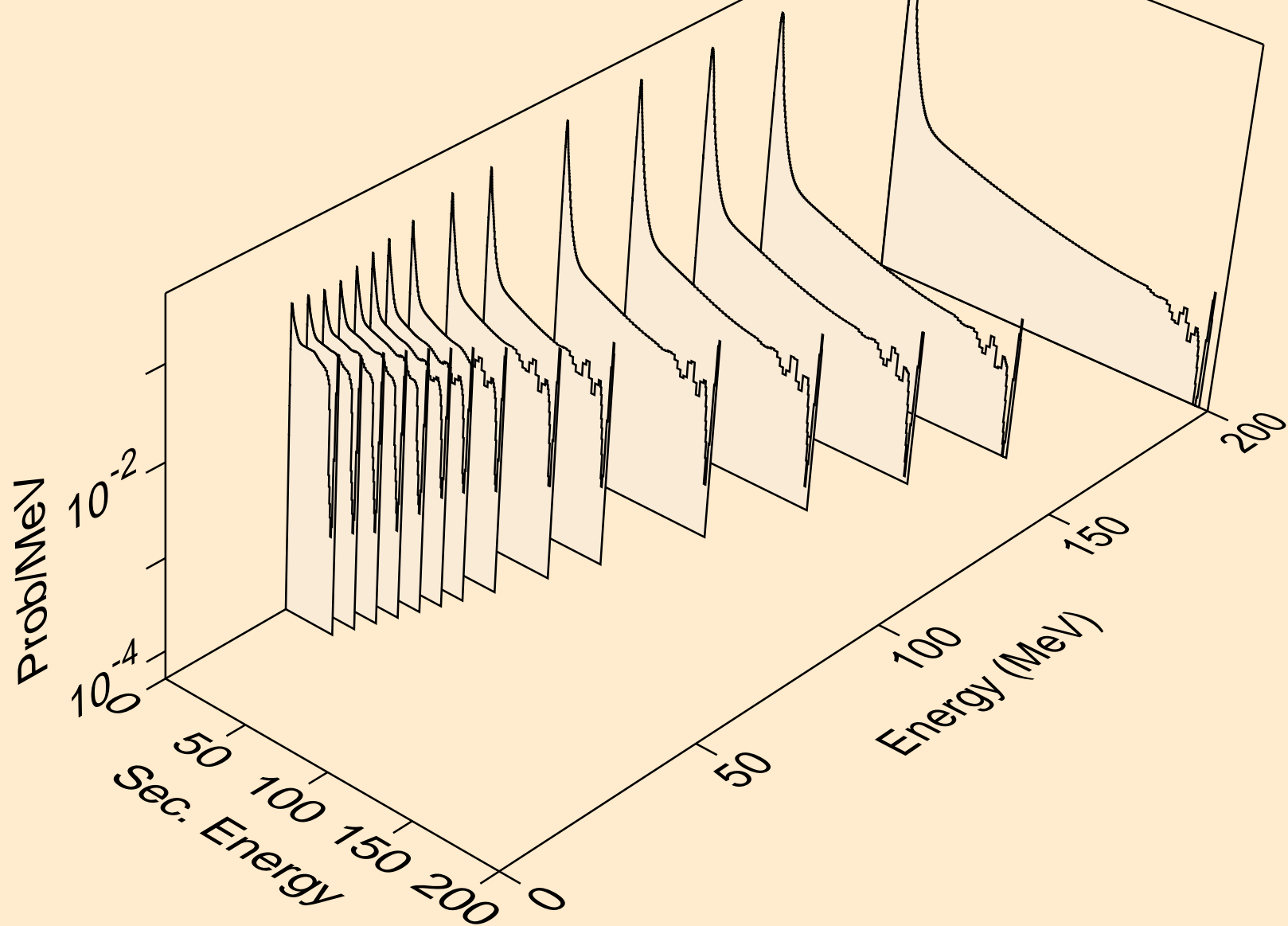
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



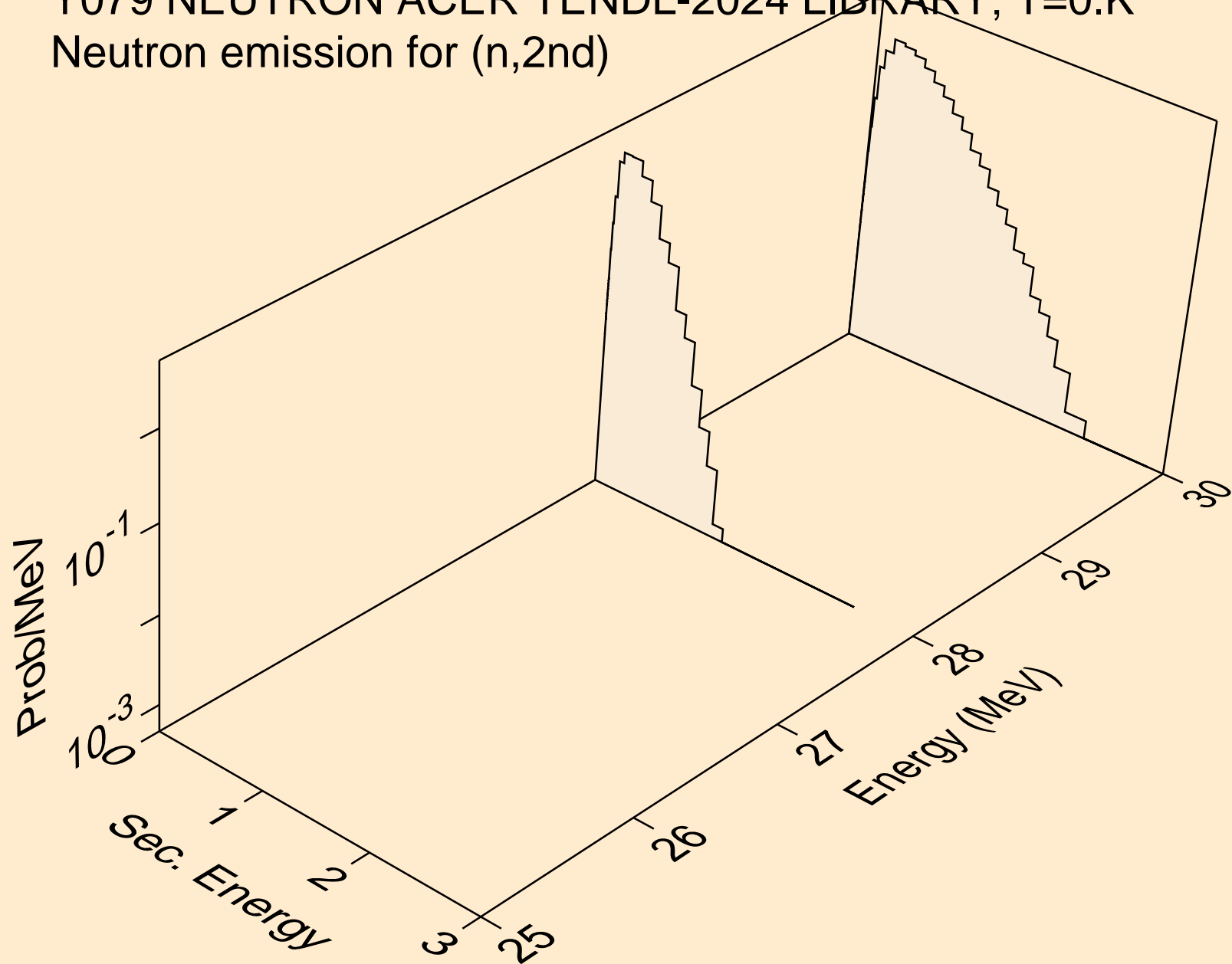
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

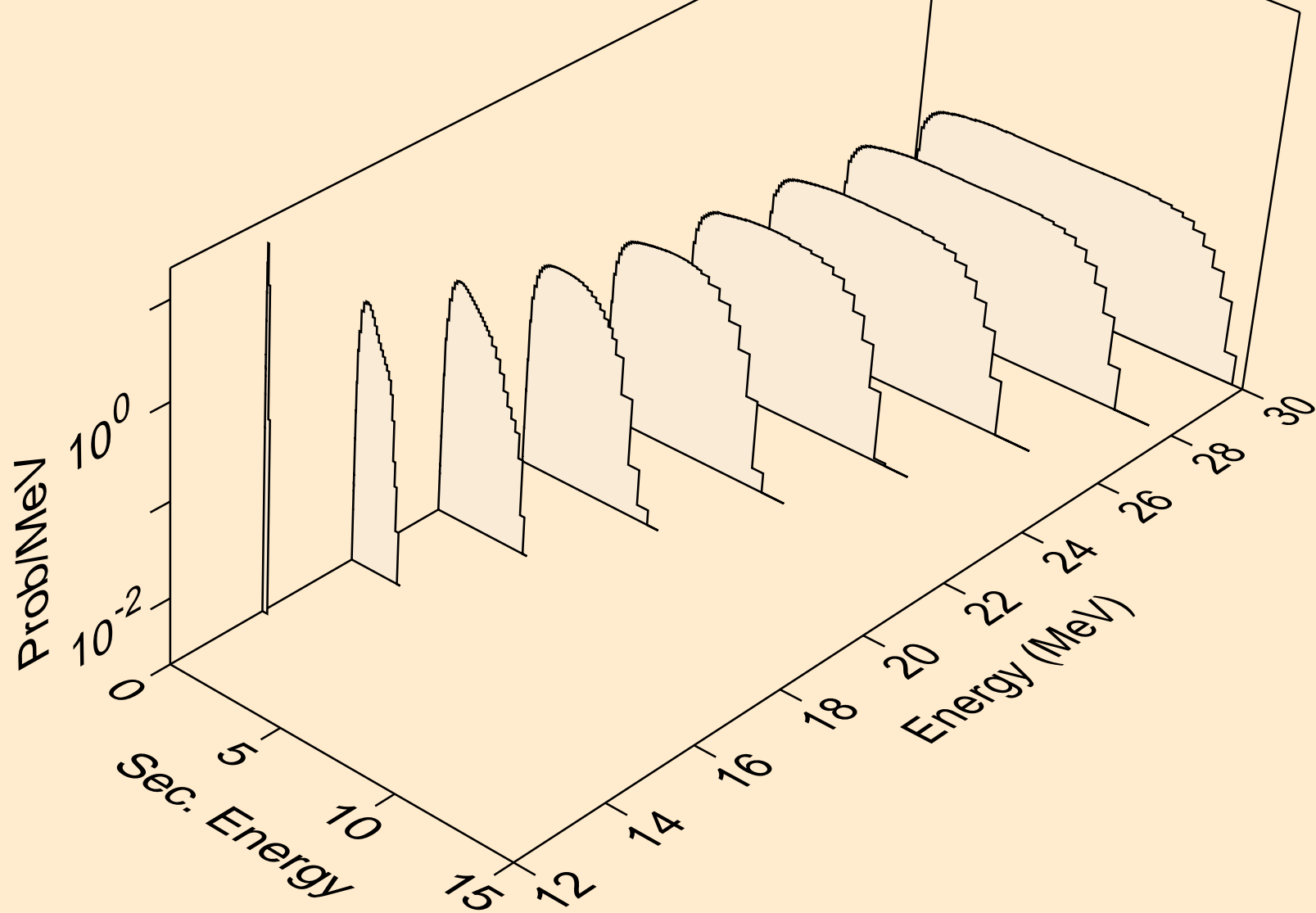


Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

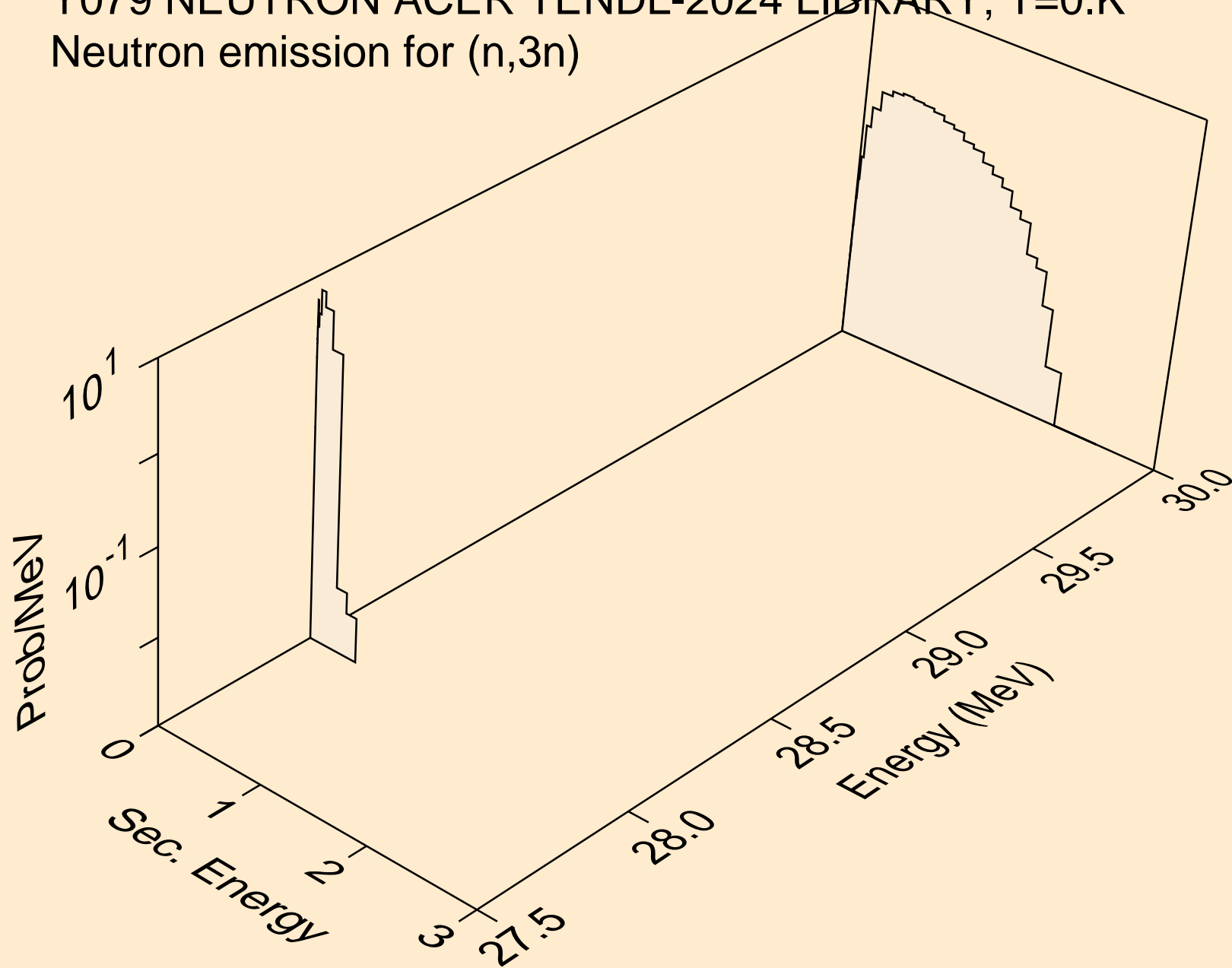




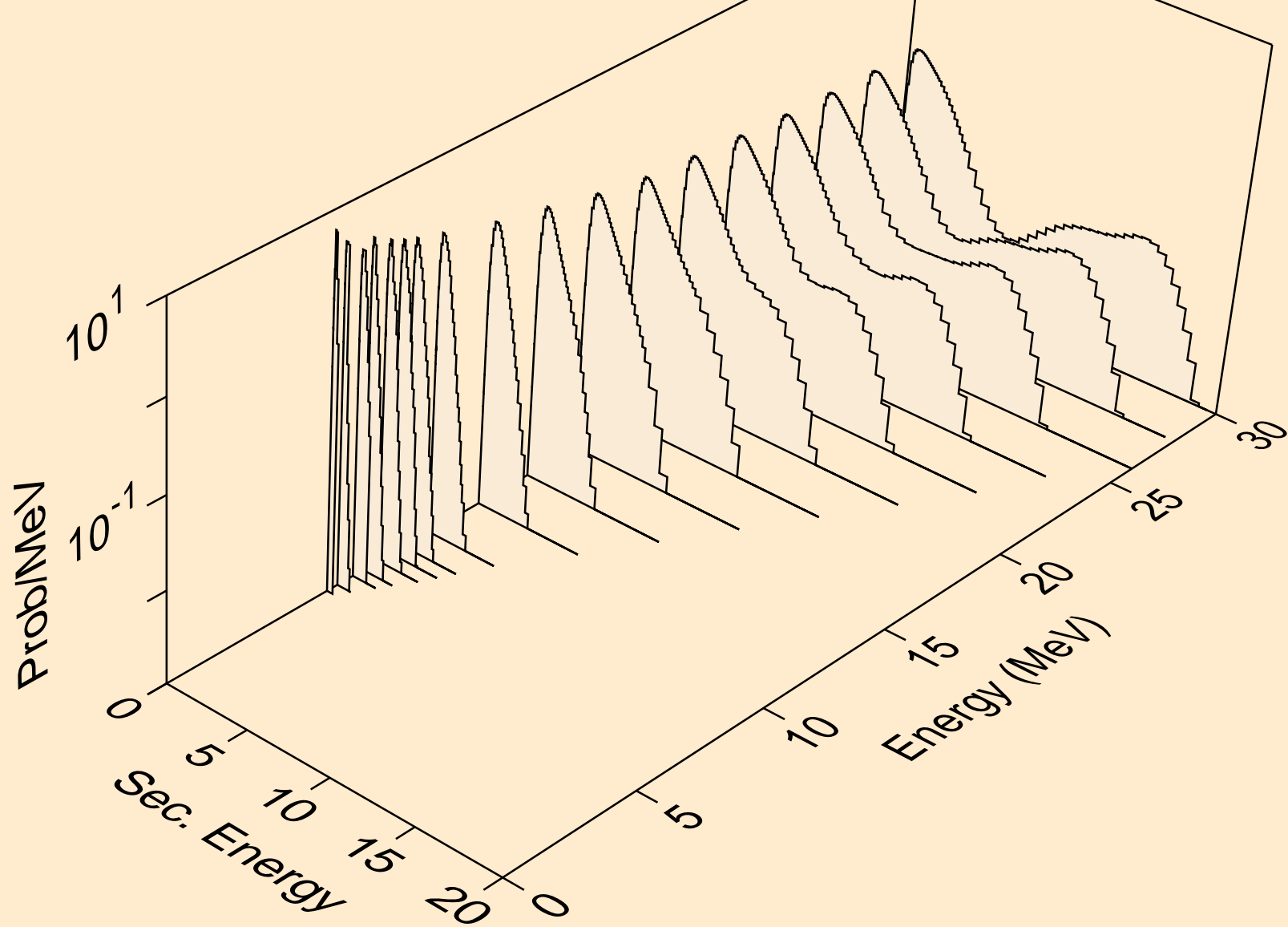
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



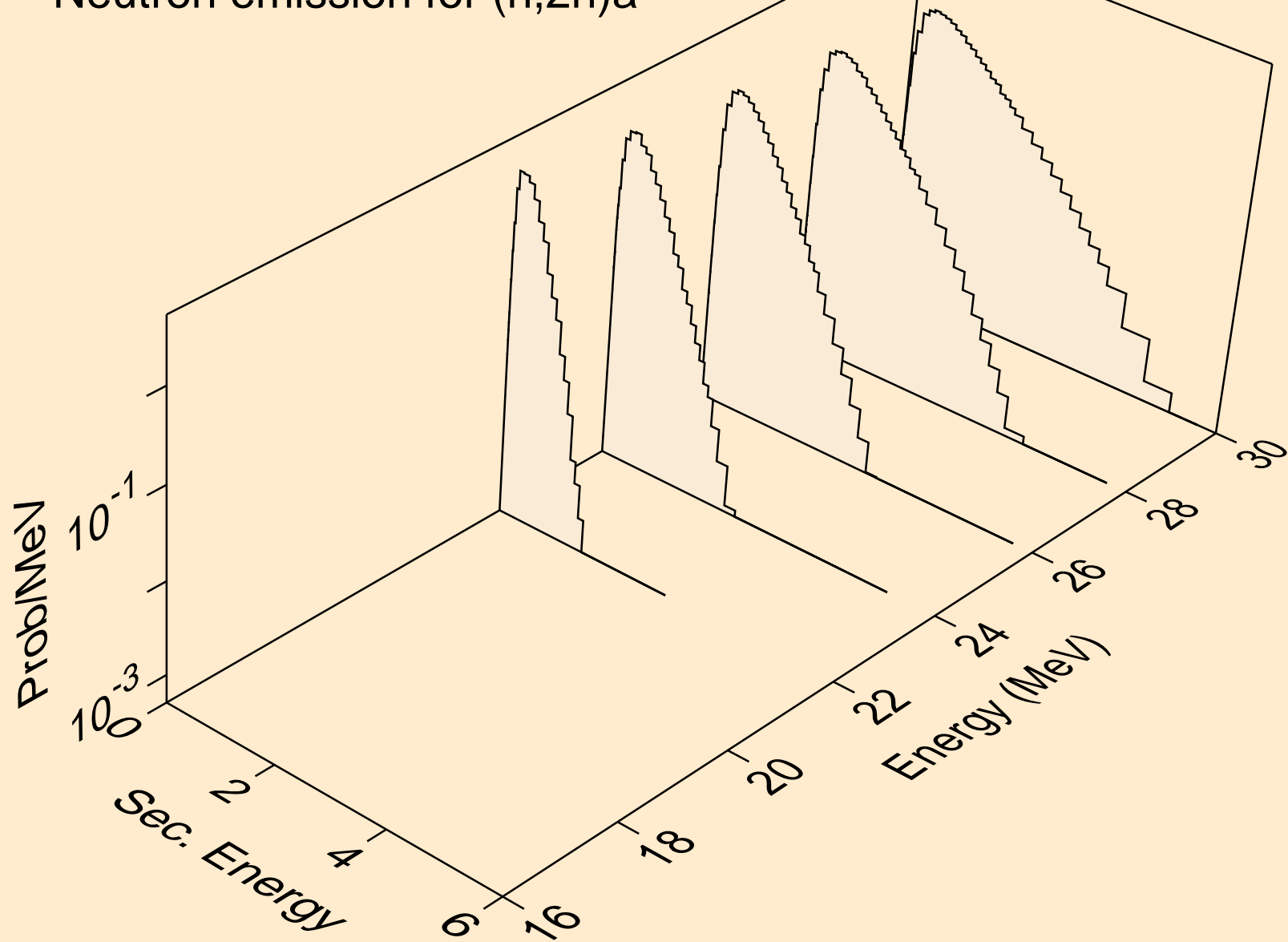
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Neutron emission for (n,3n)



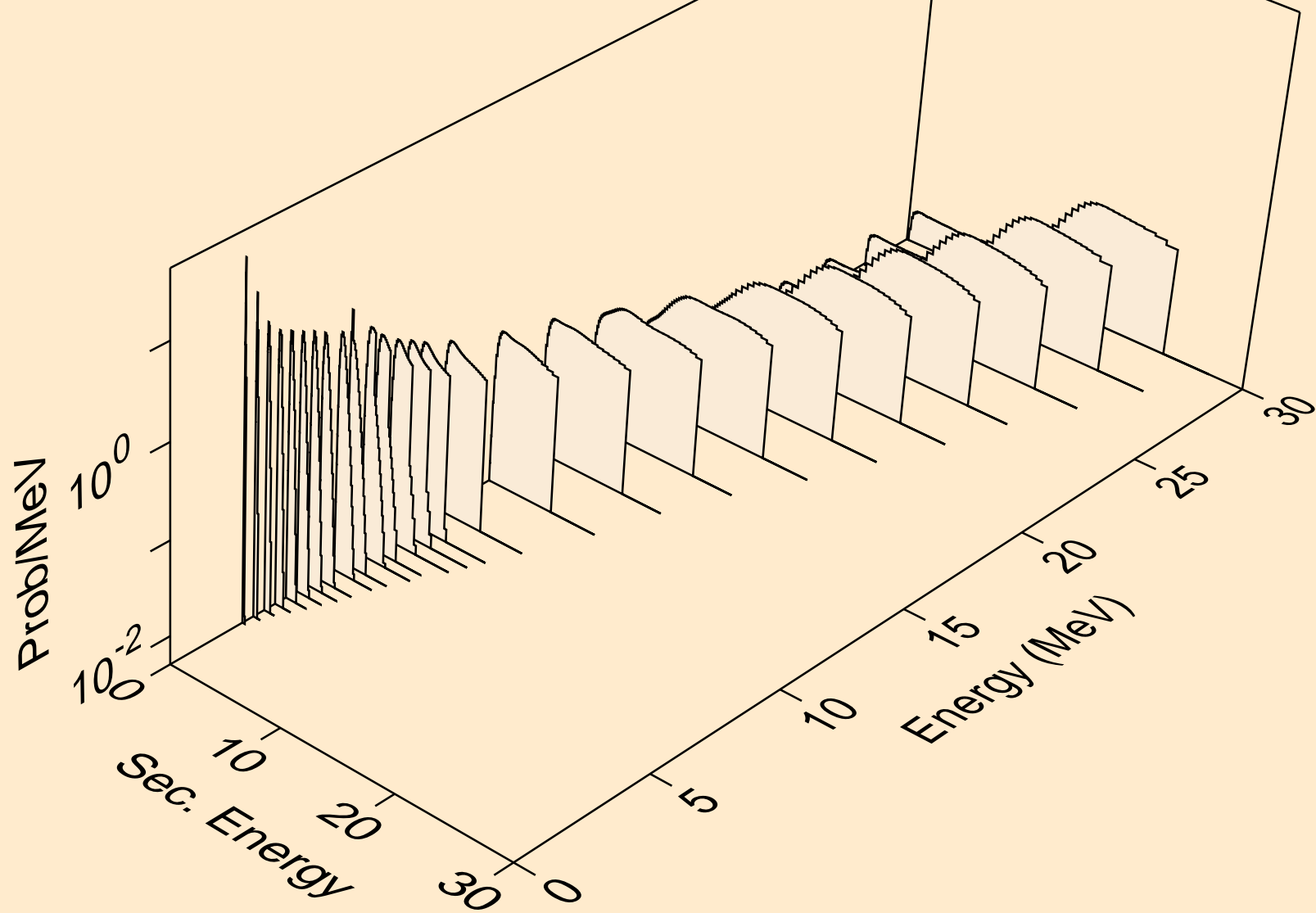
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Neutron emission for (n,n\*)a



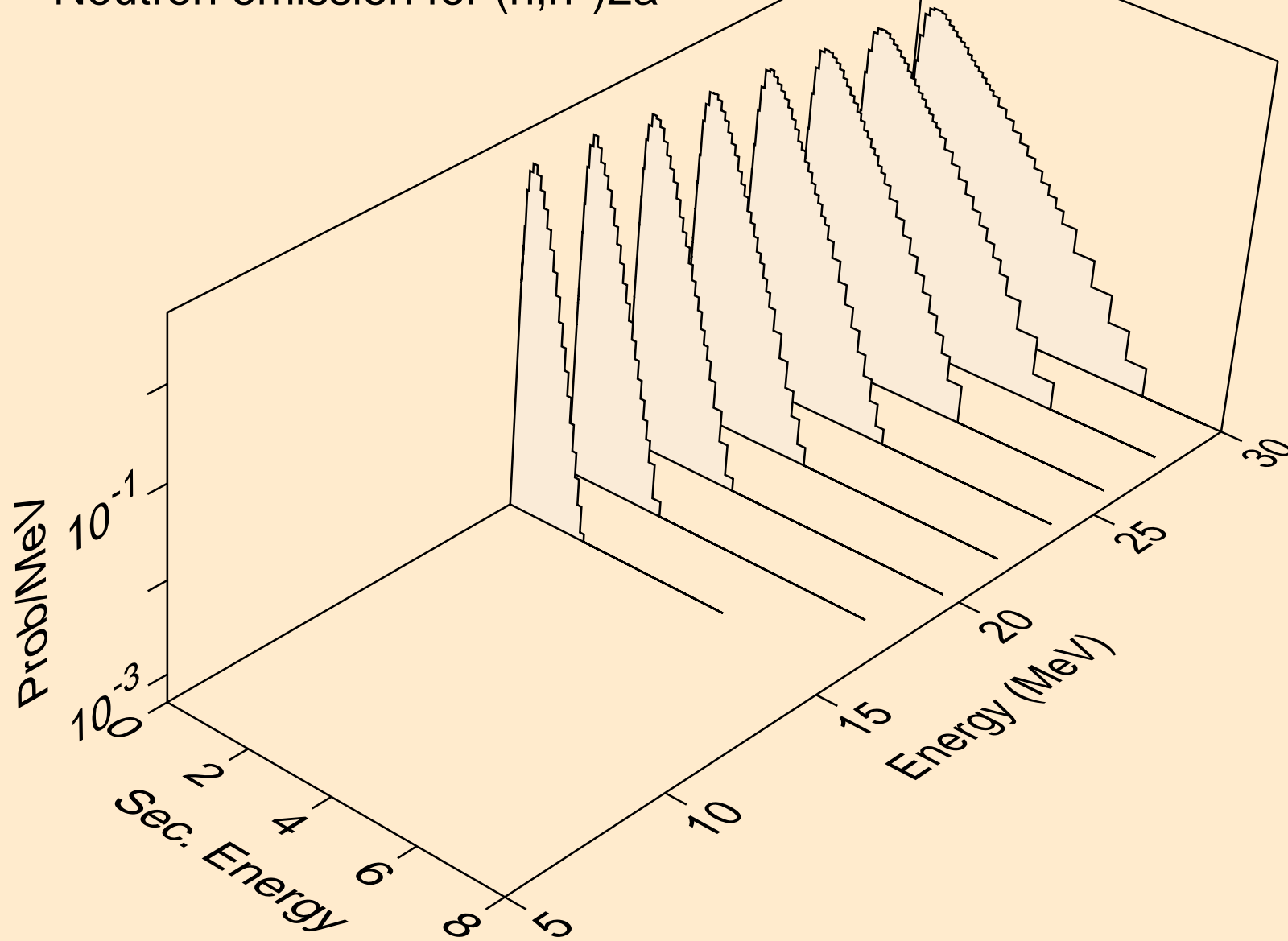
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



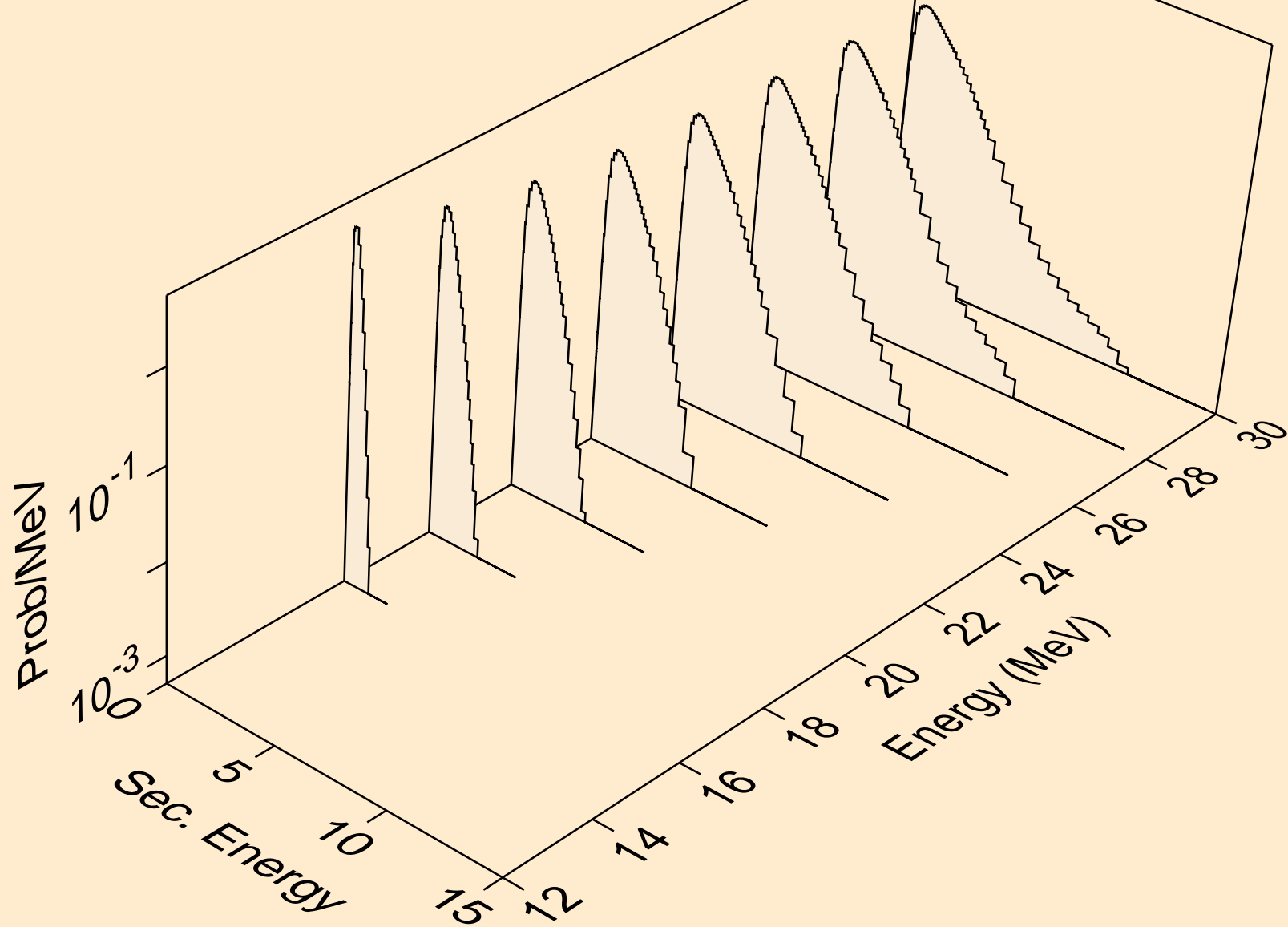
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



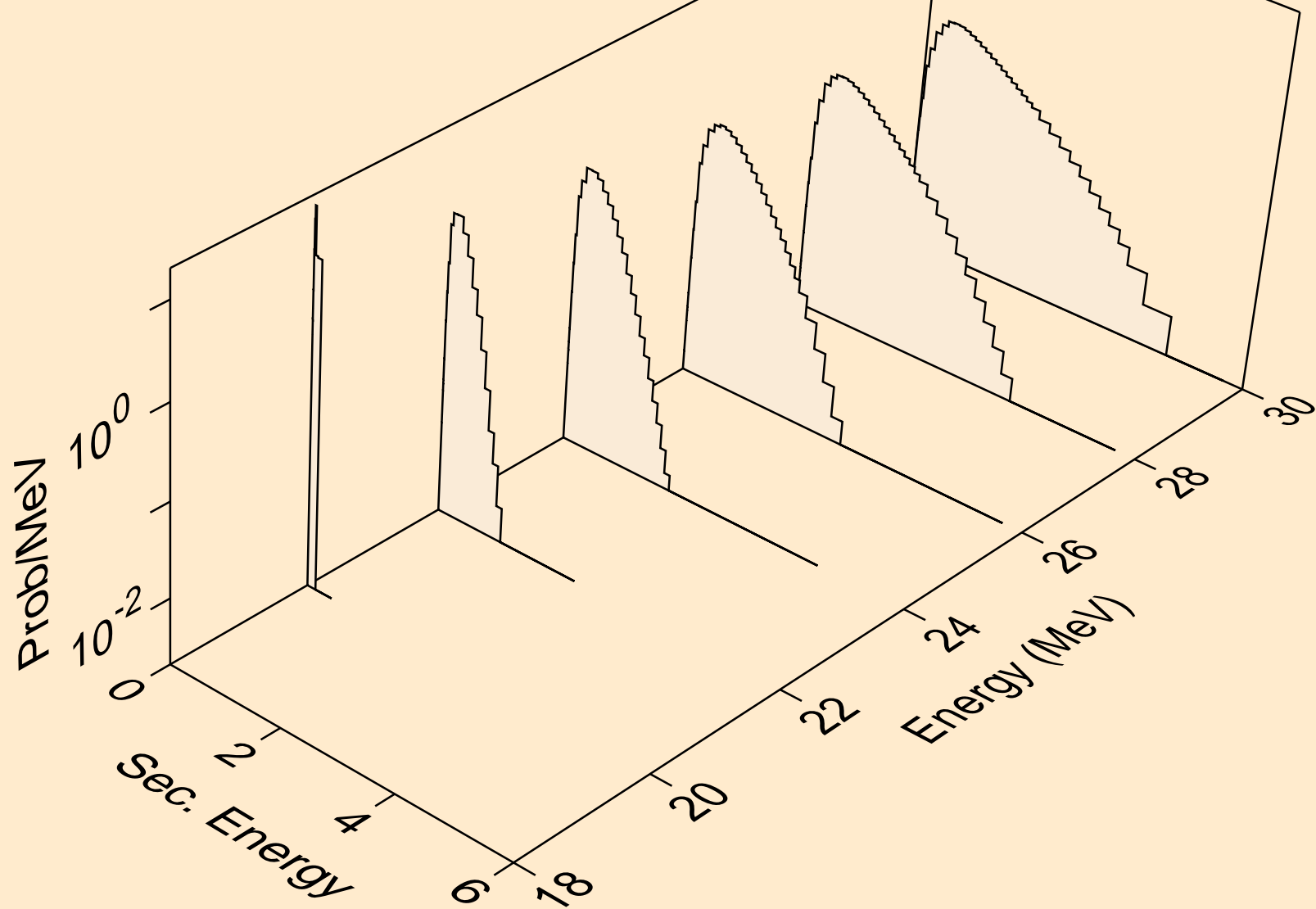
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

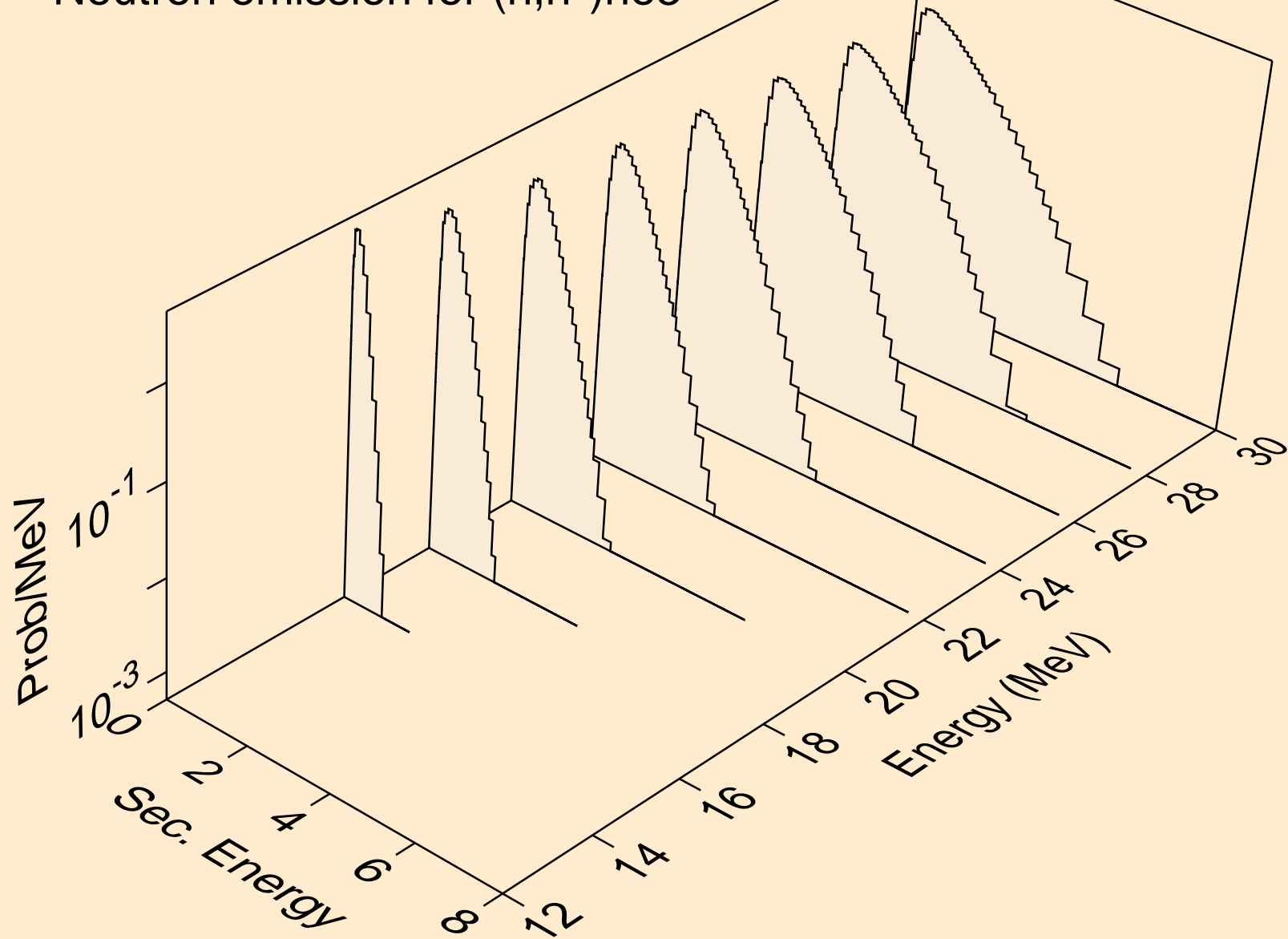


Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

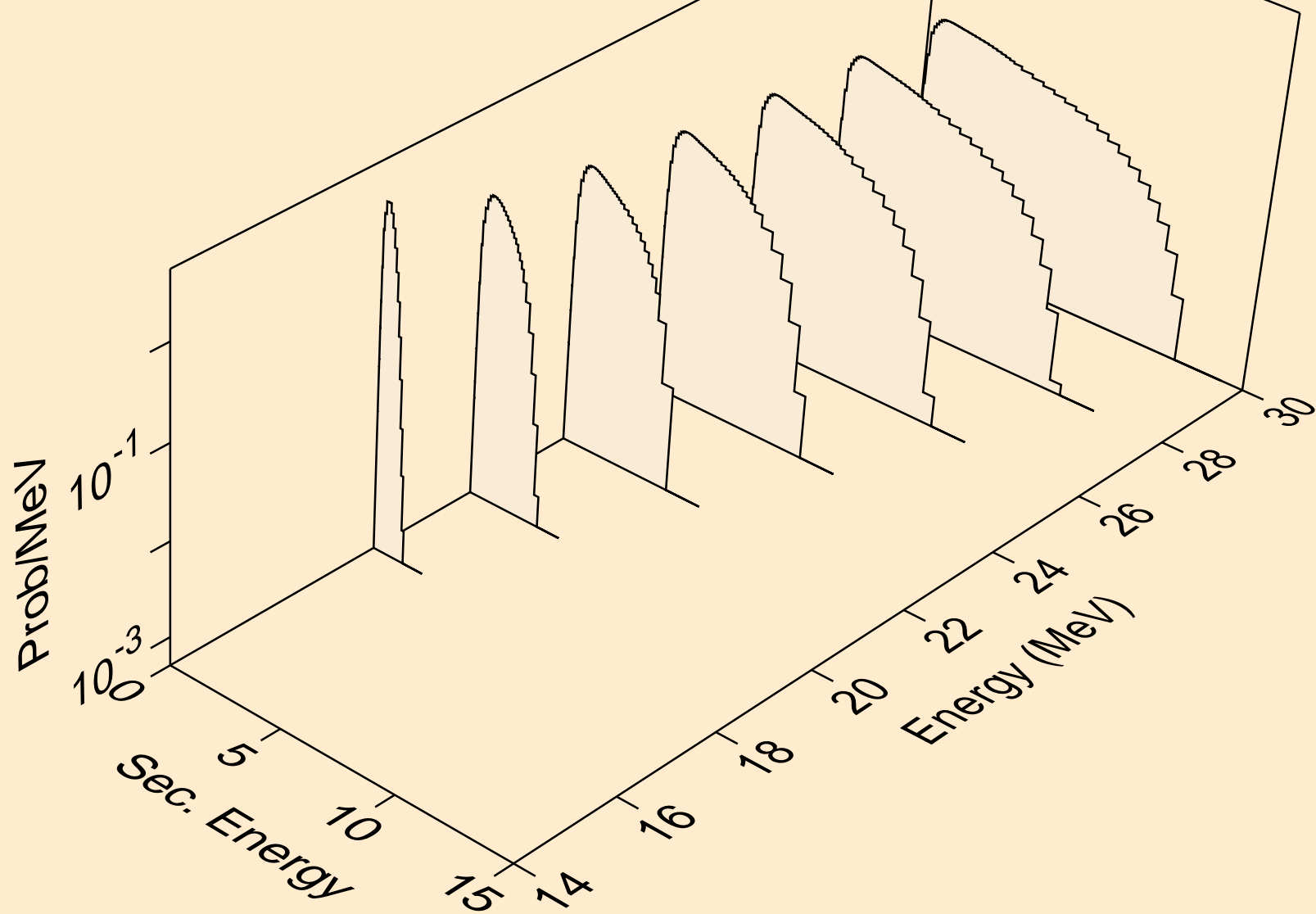




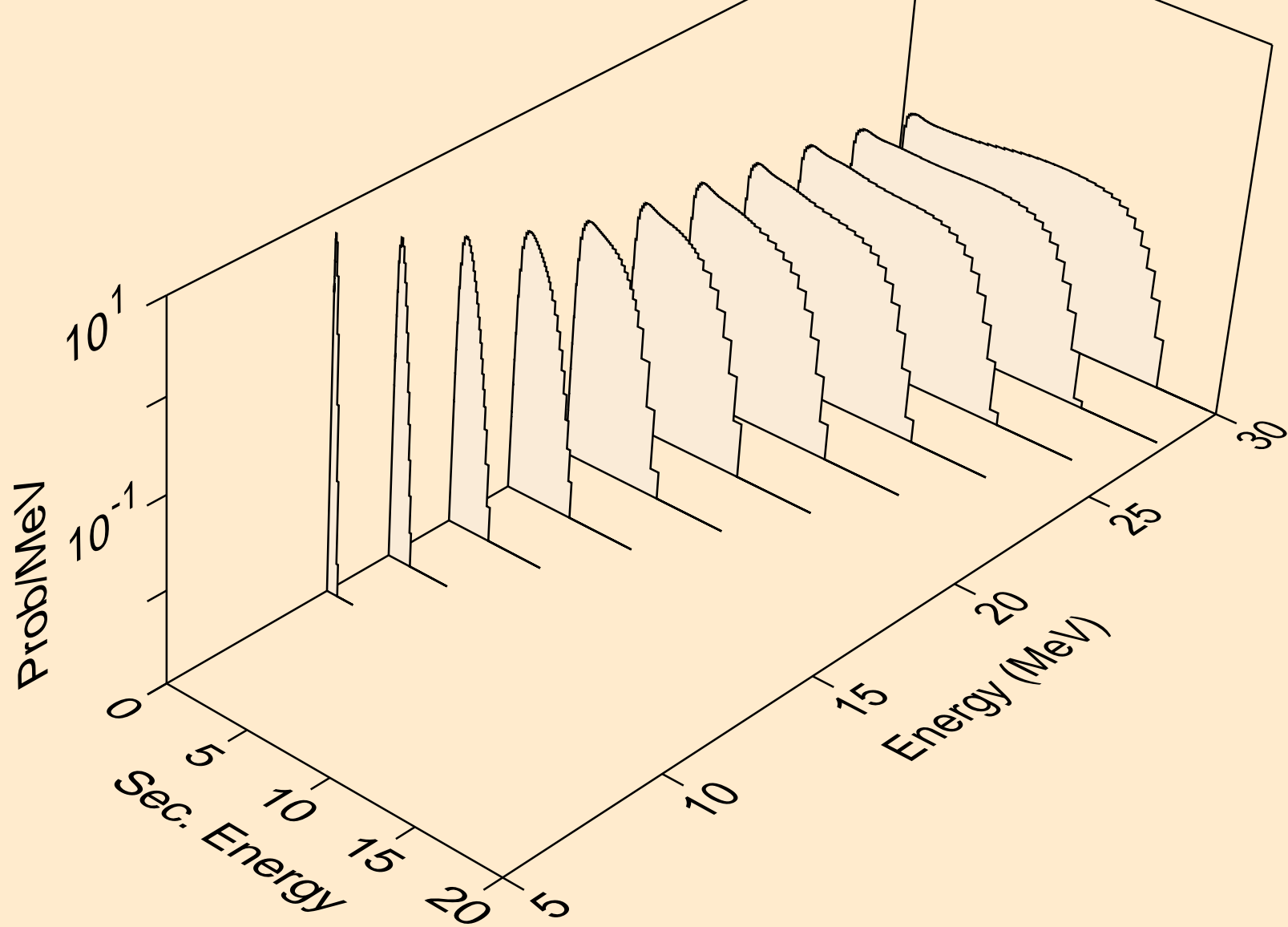
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



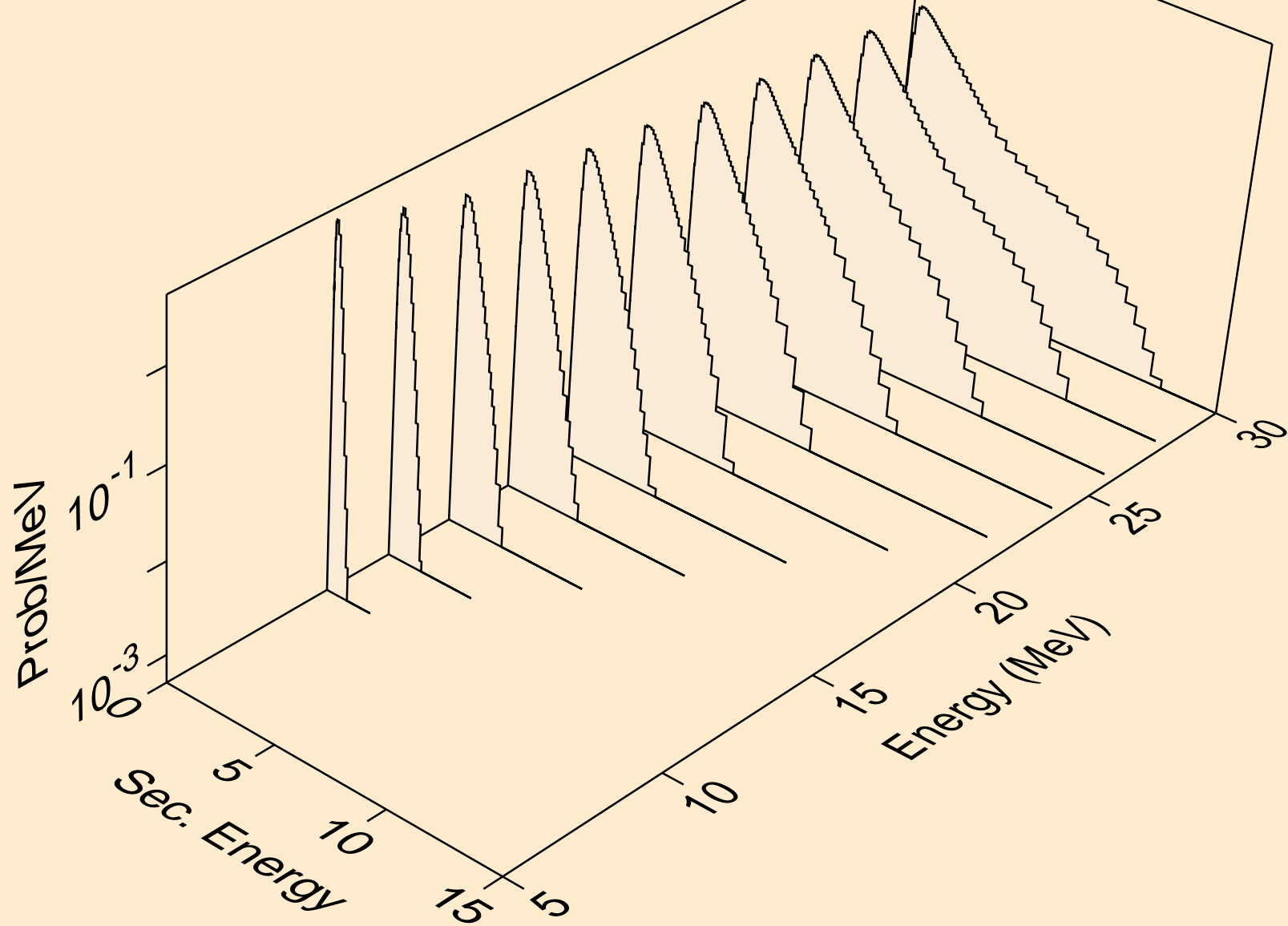
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



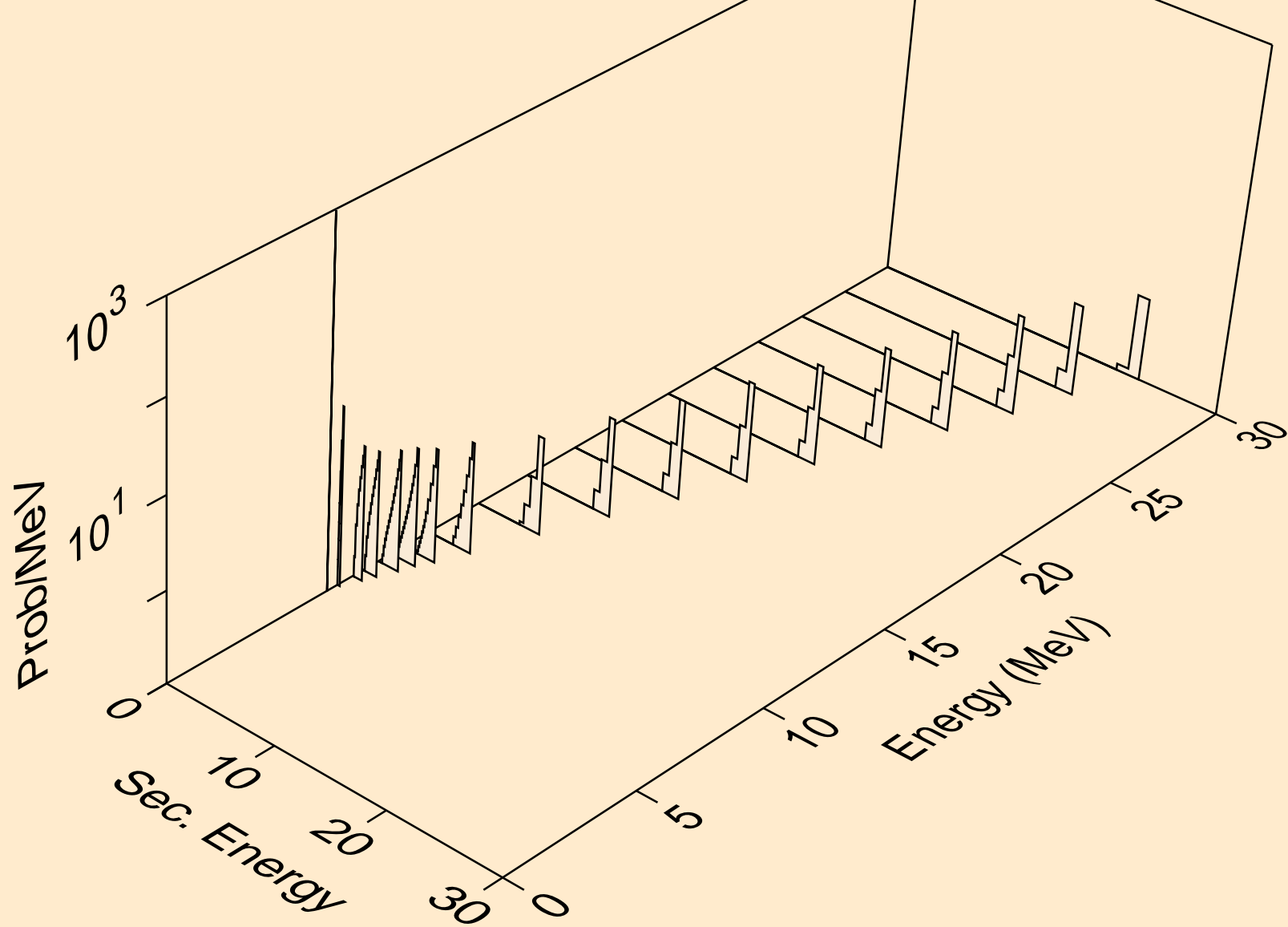
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Neutron emission for (n,n2p)



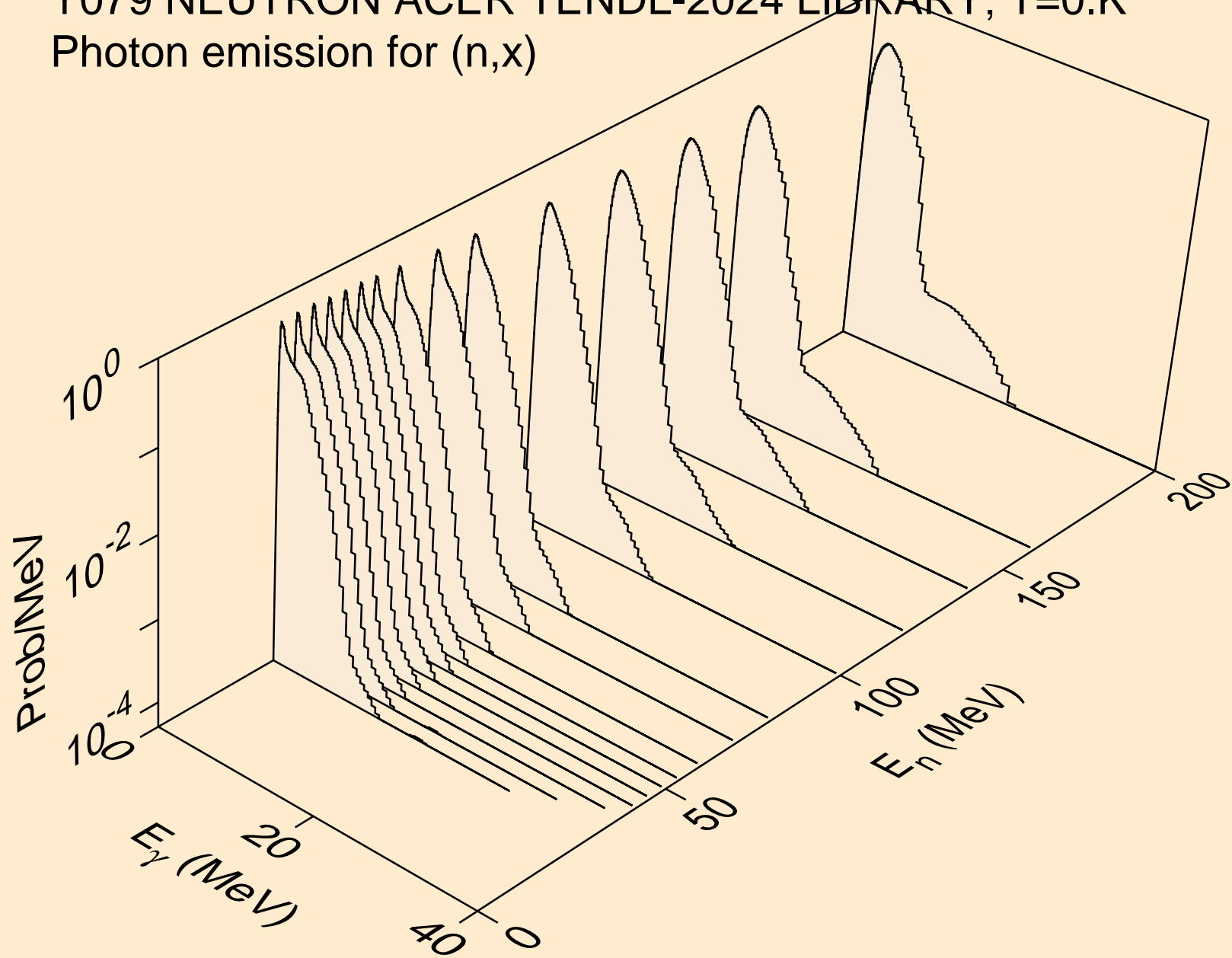
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Neutron emission for (n,npa)



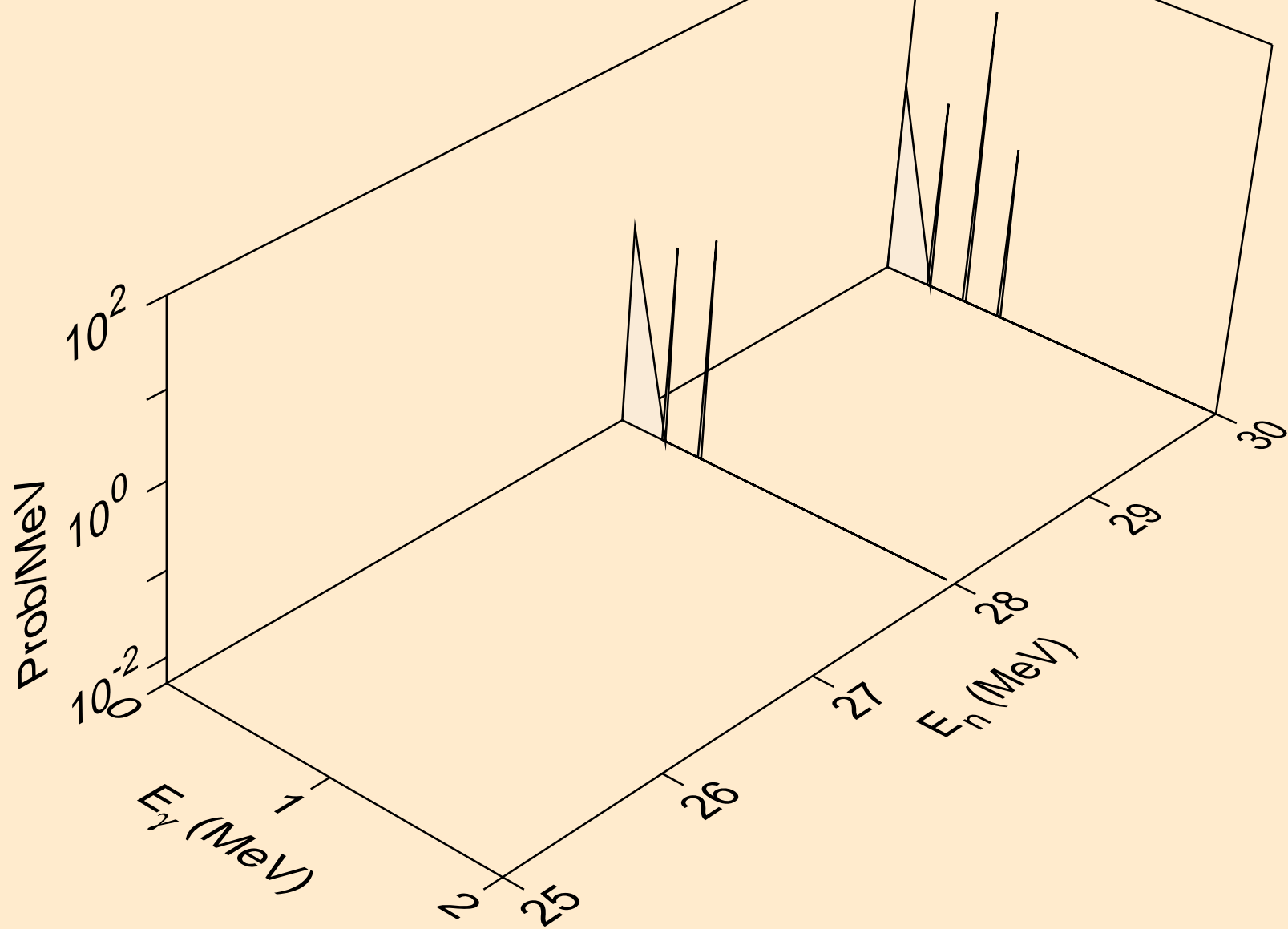
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Neutron emission for (n,n\*c)



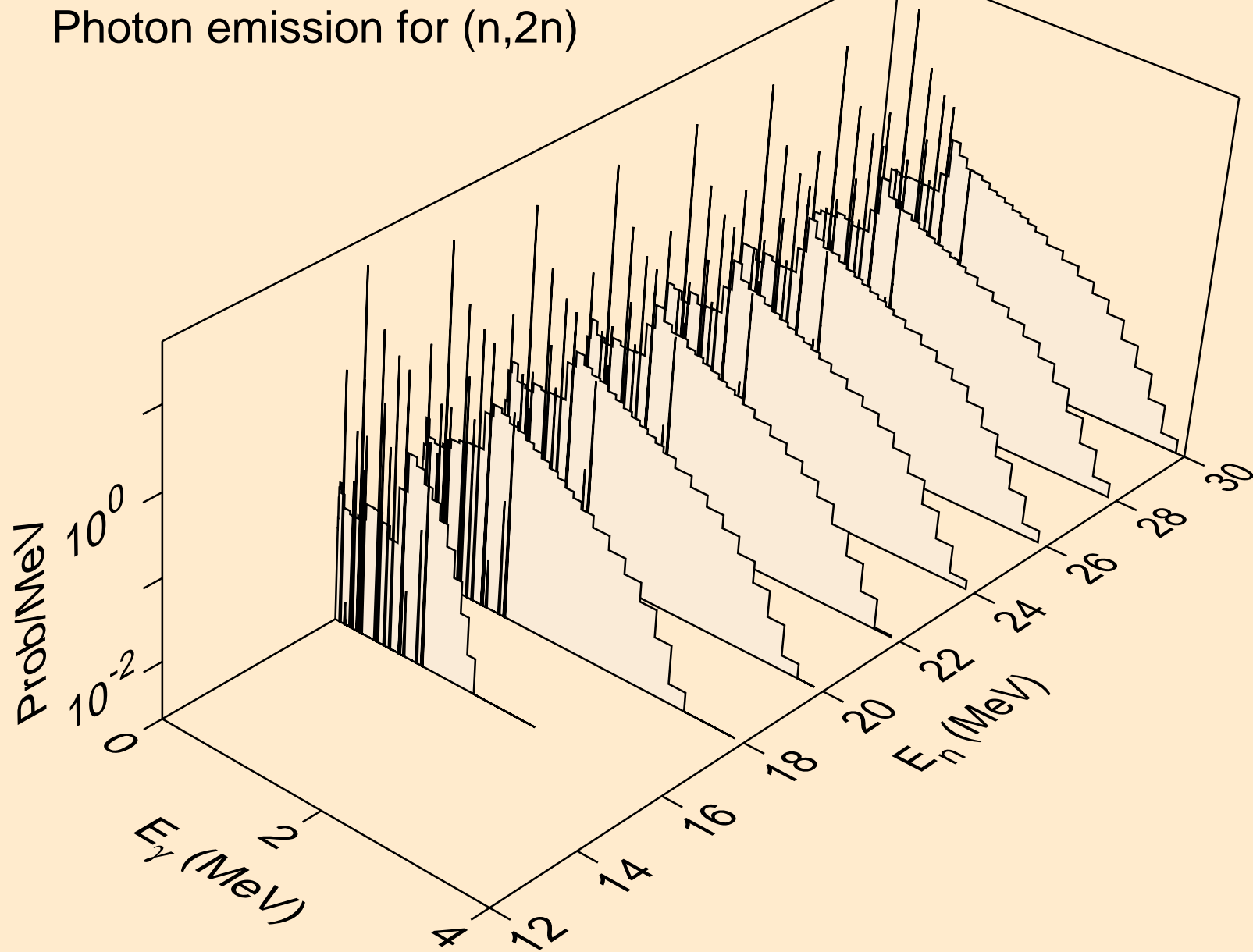
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

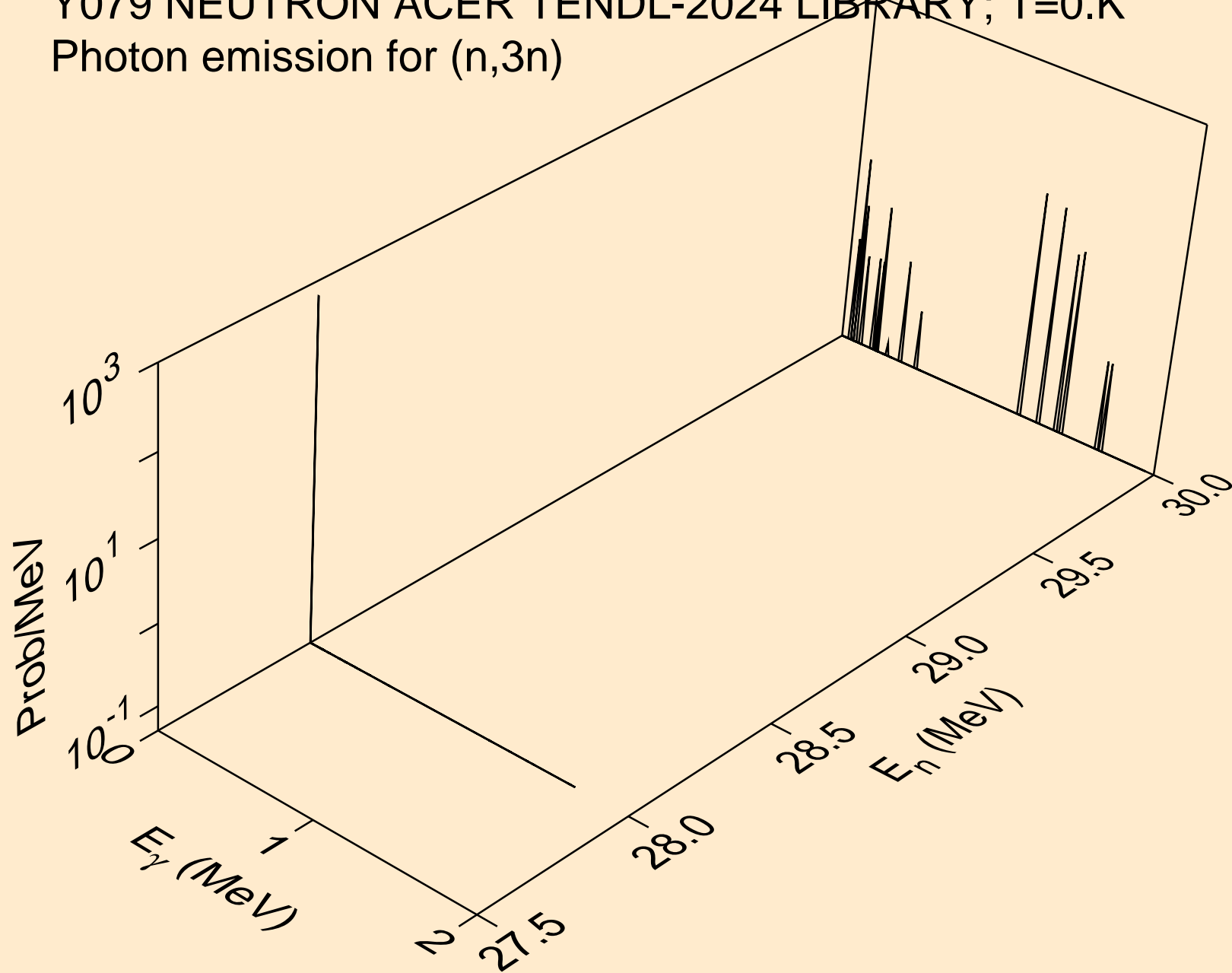


Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

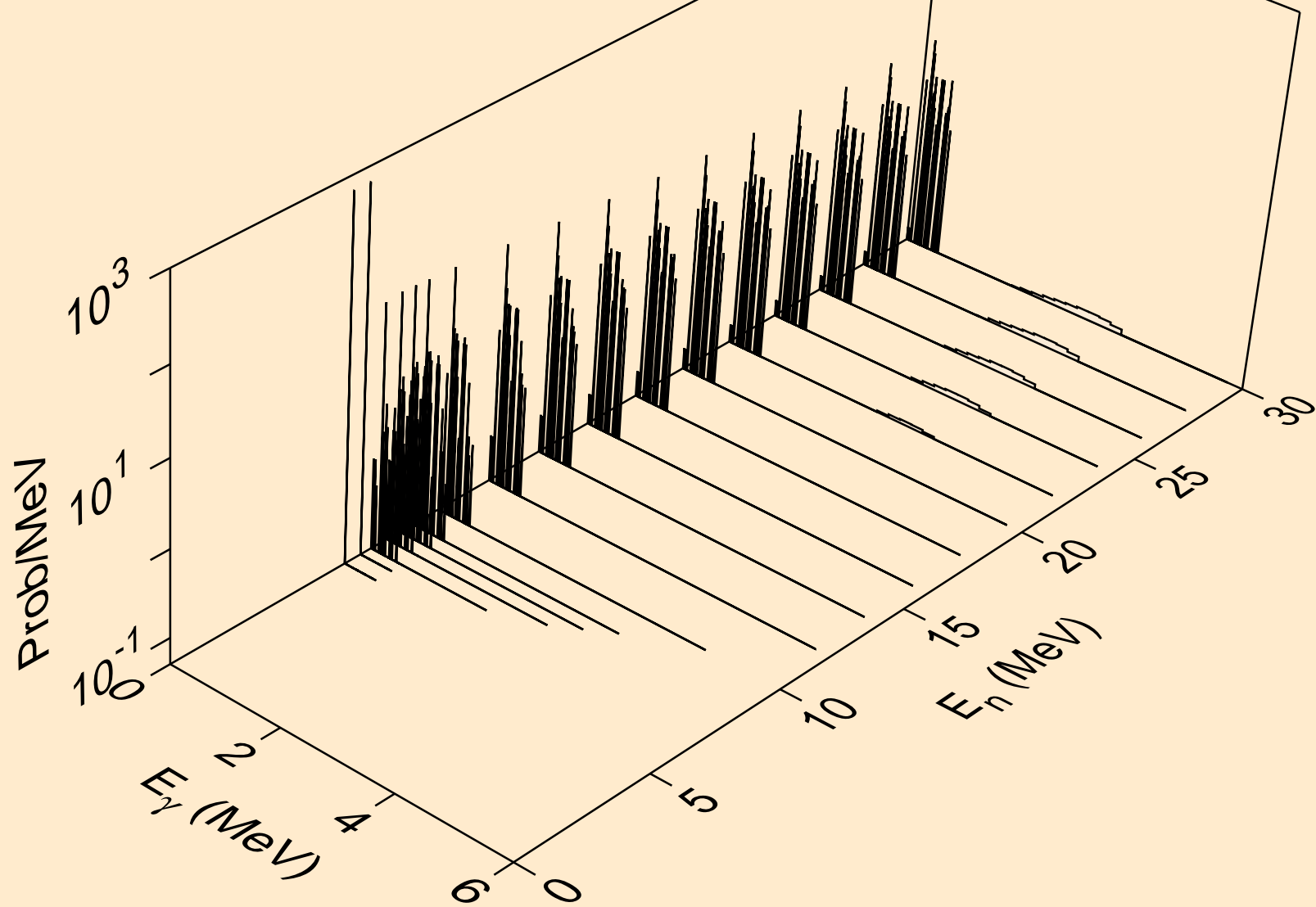




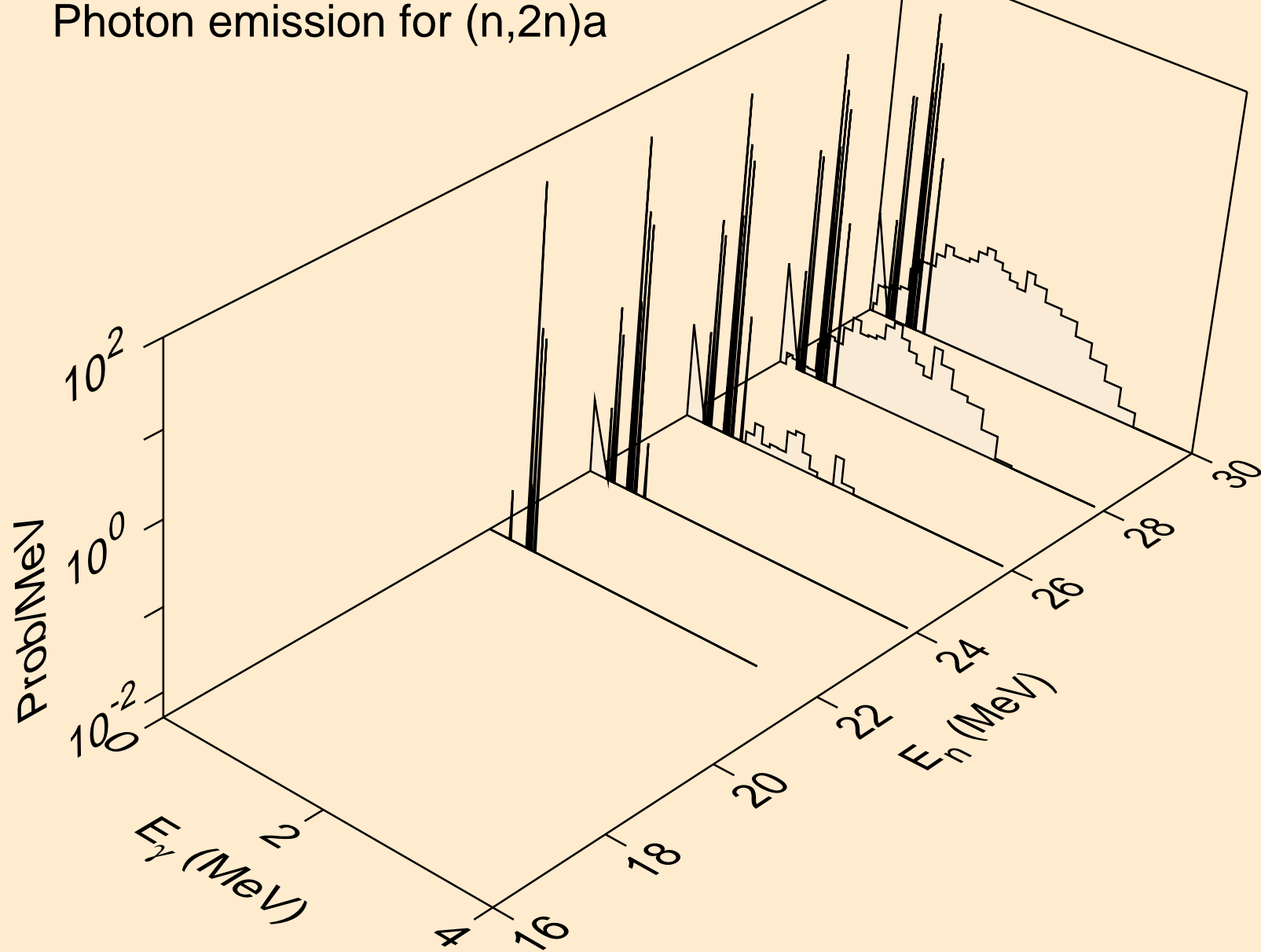
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Photon emission for (n,3n)



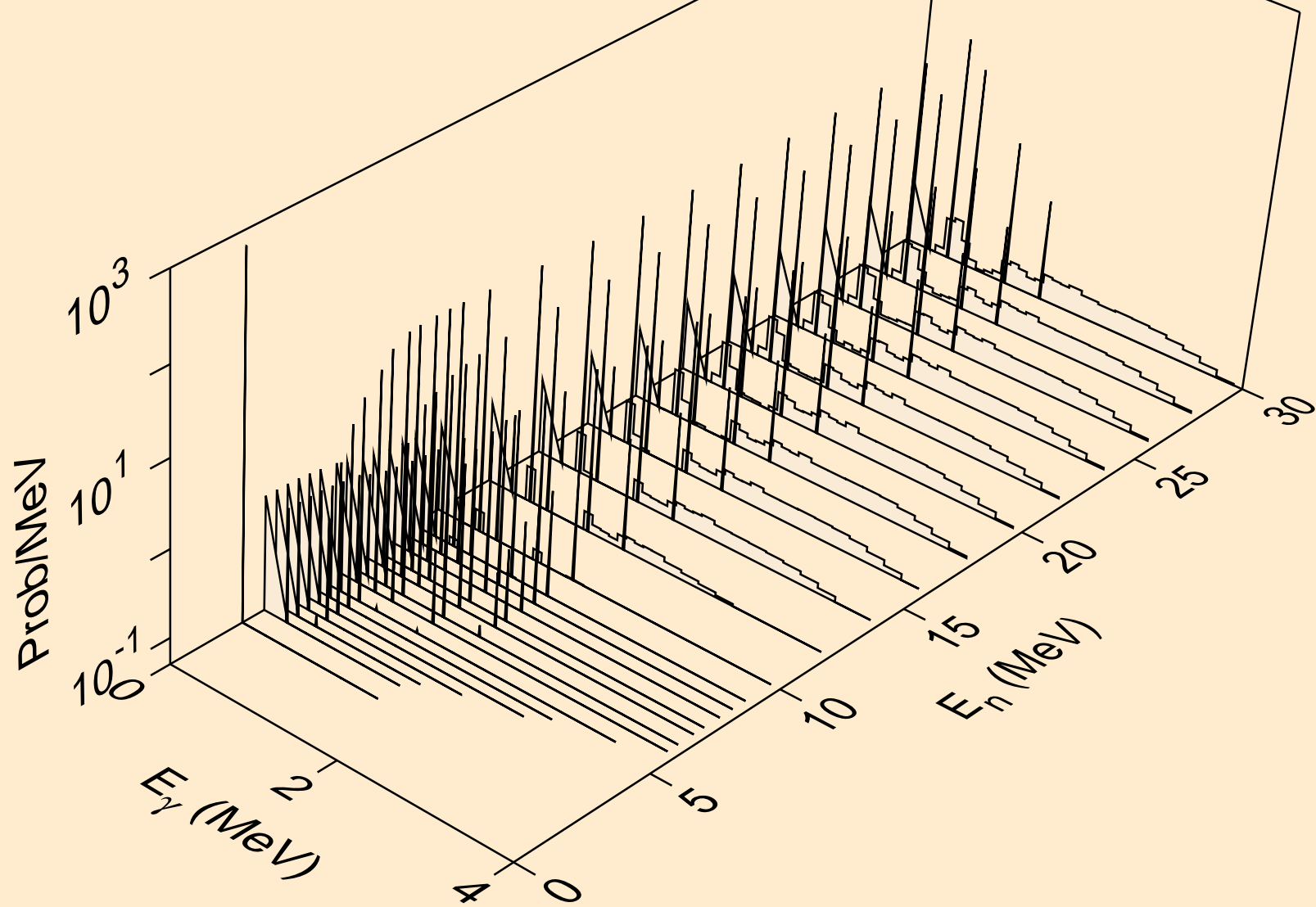
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Photon emission for (n,n\*)a



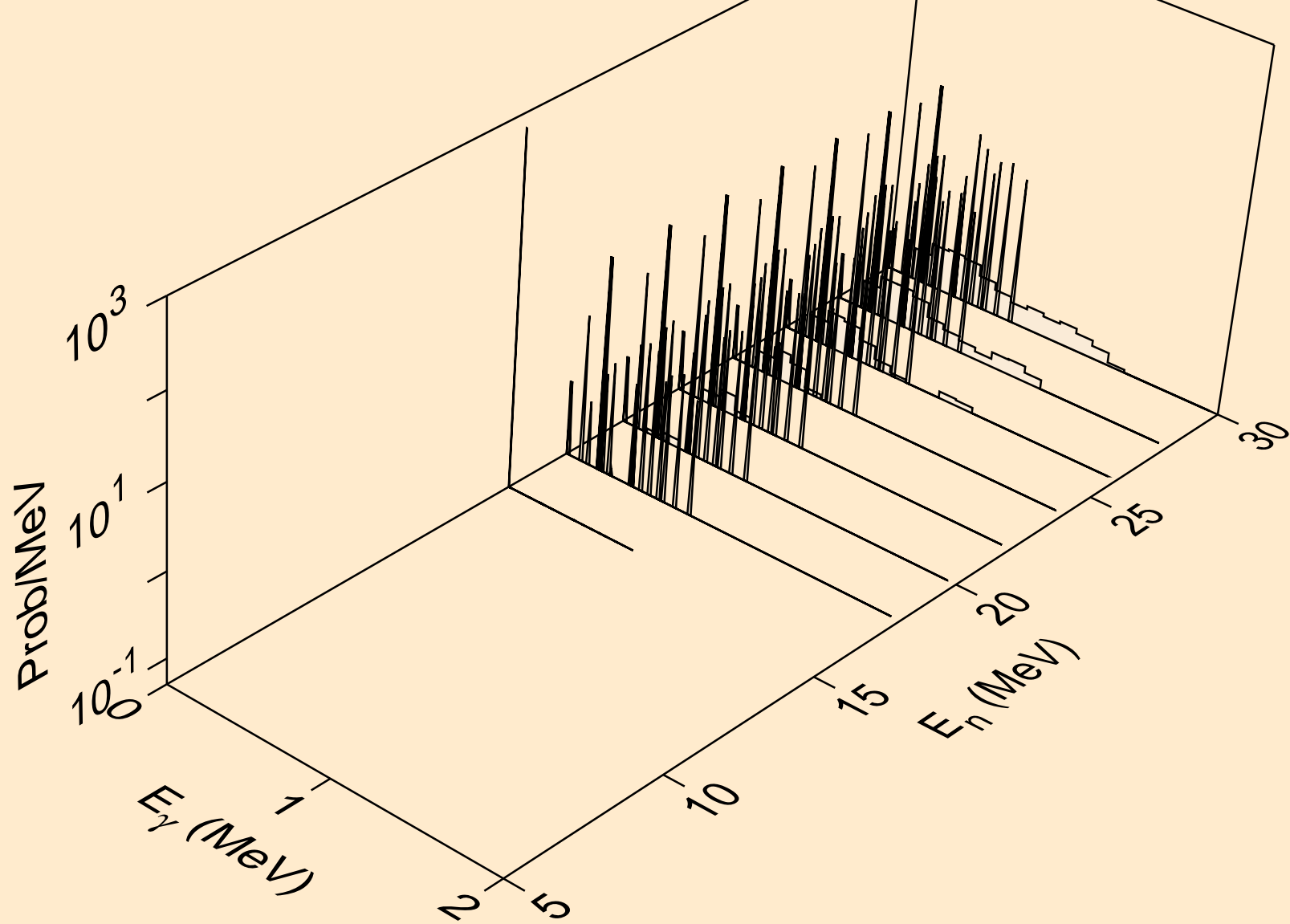
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



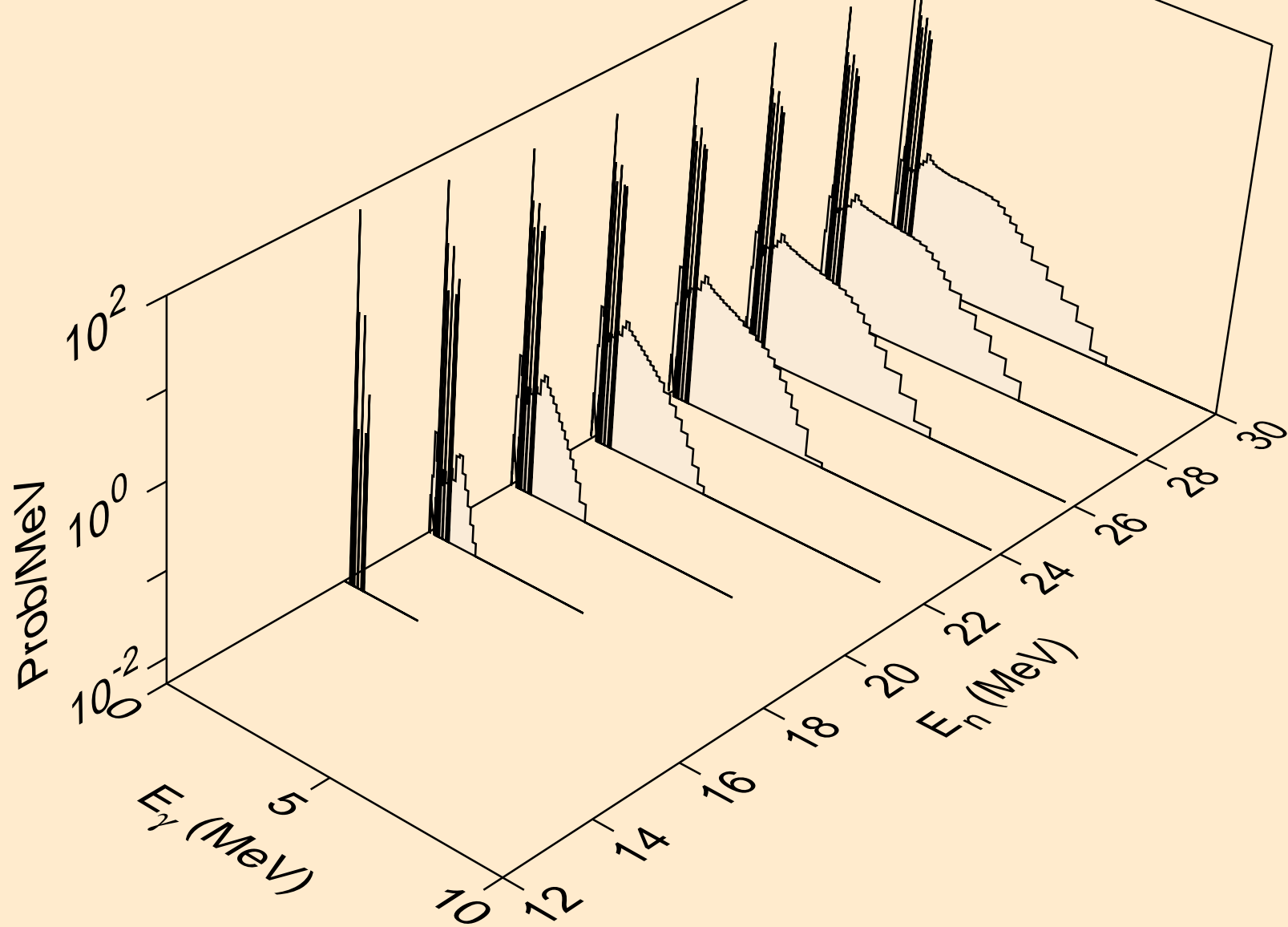
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Photon emission for (n,n\*)p



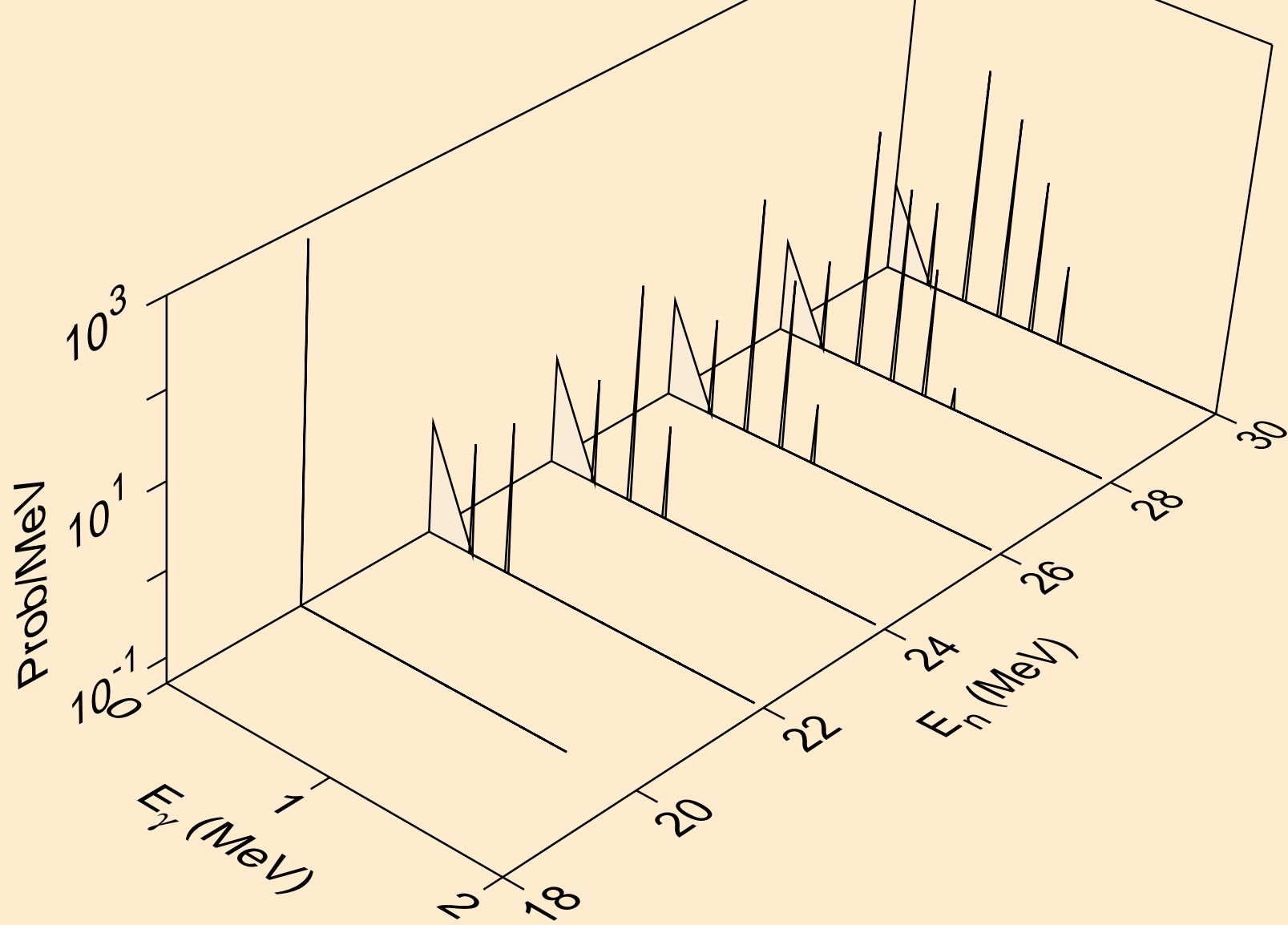
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Photon emission for (n,n\*)2a



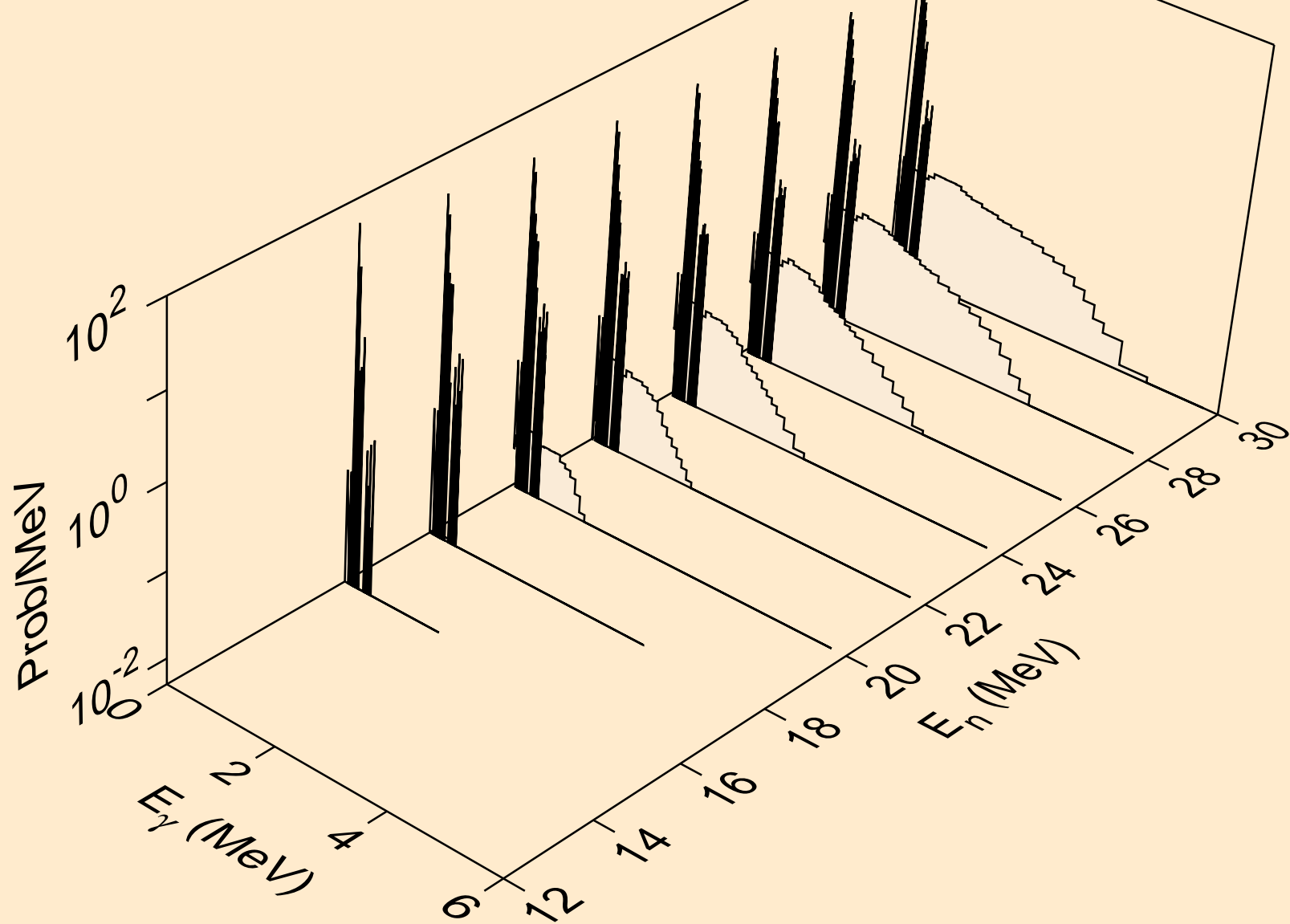
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

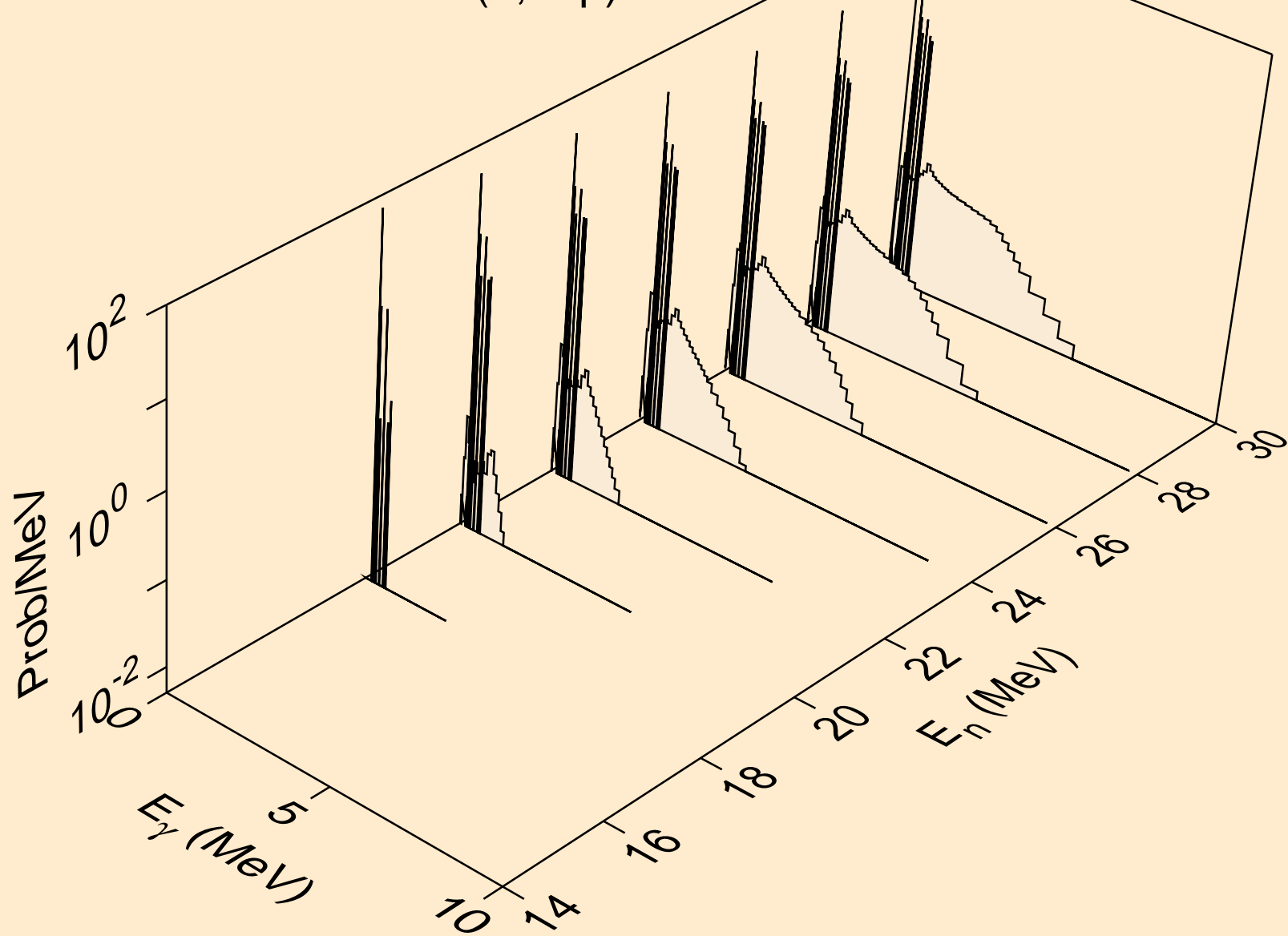


Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

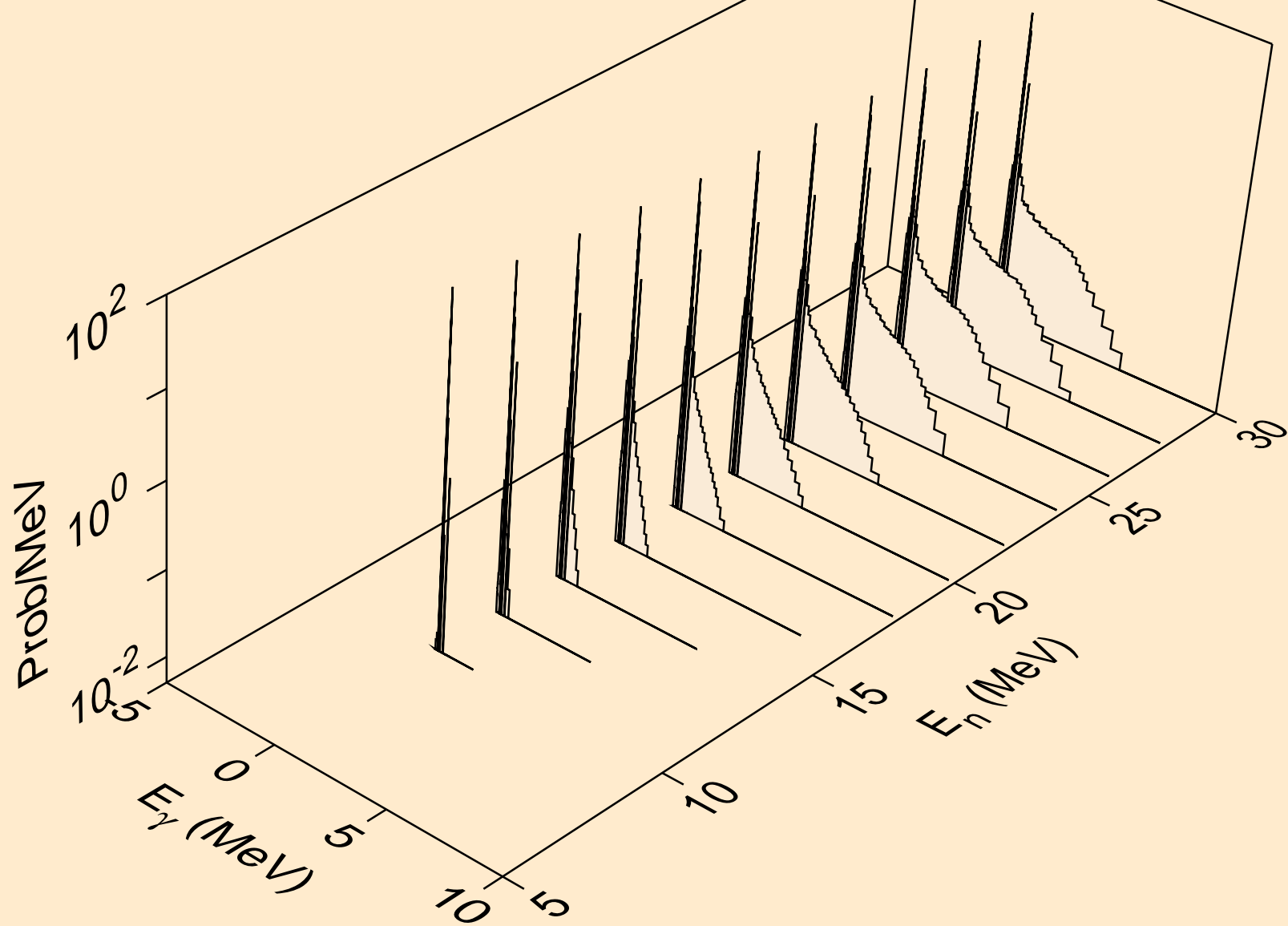




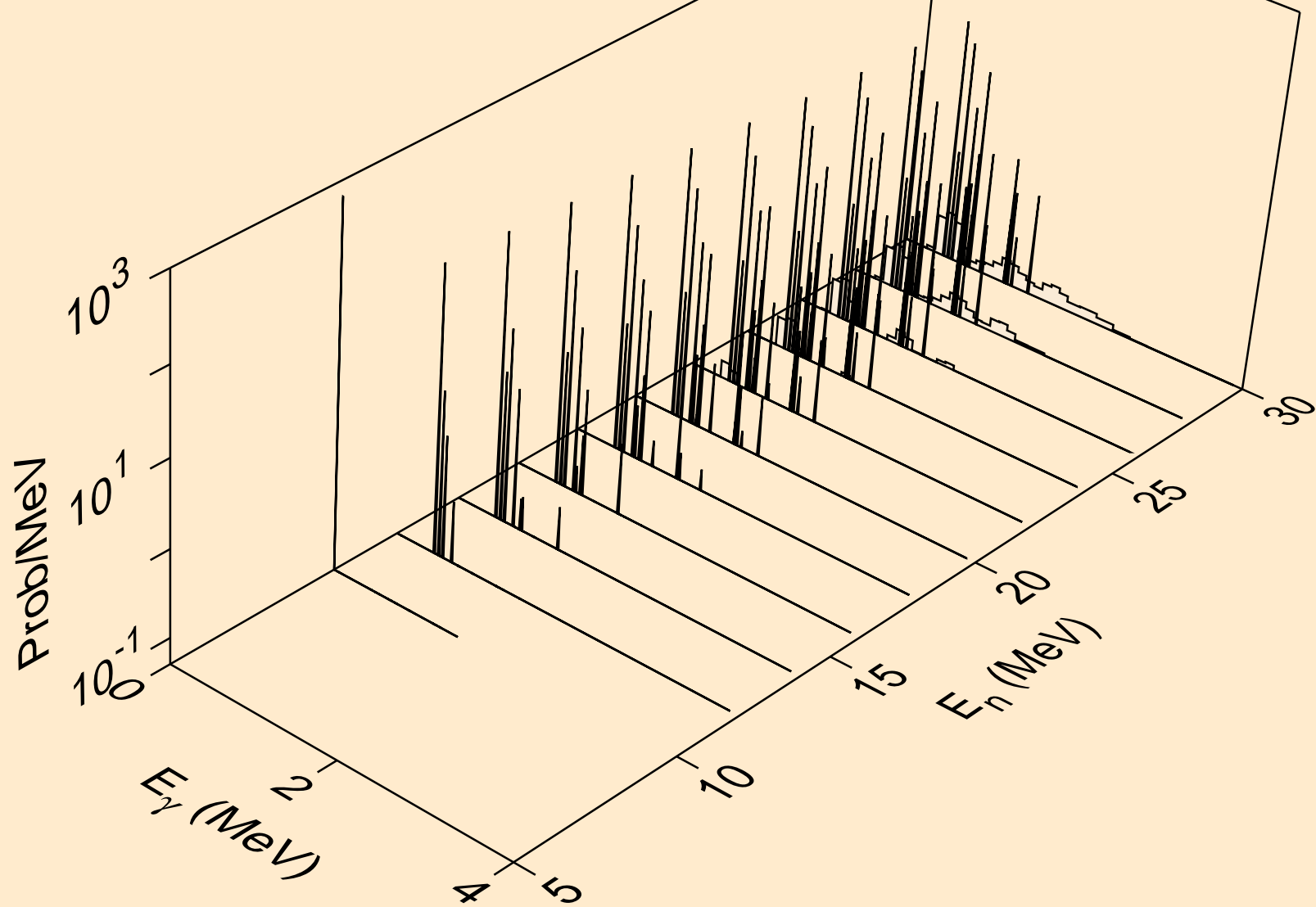
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



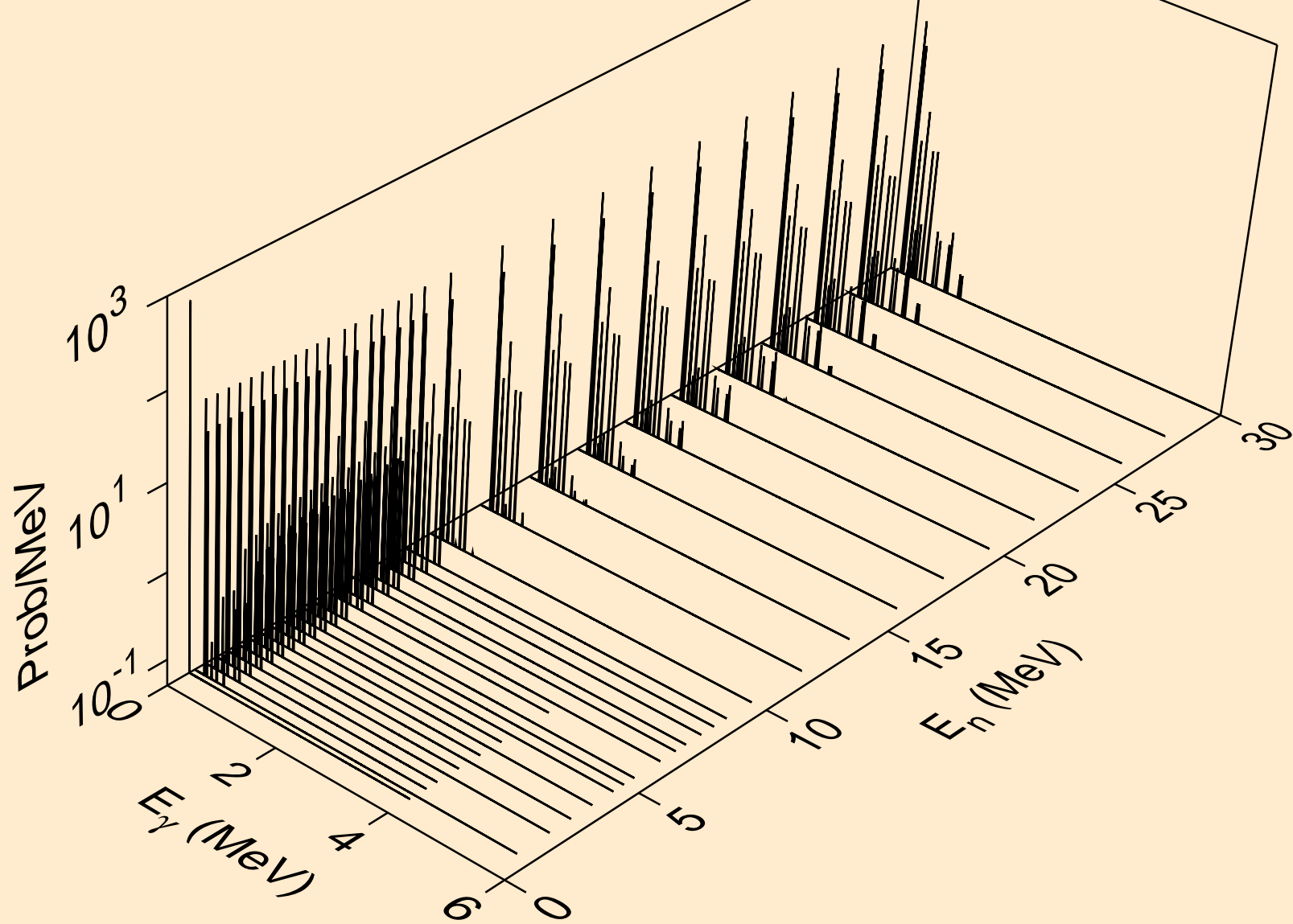
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Photon emission for (n,n2p)



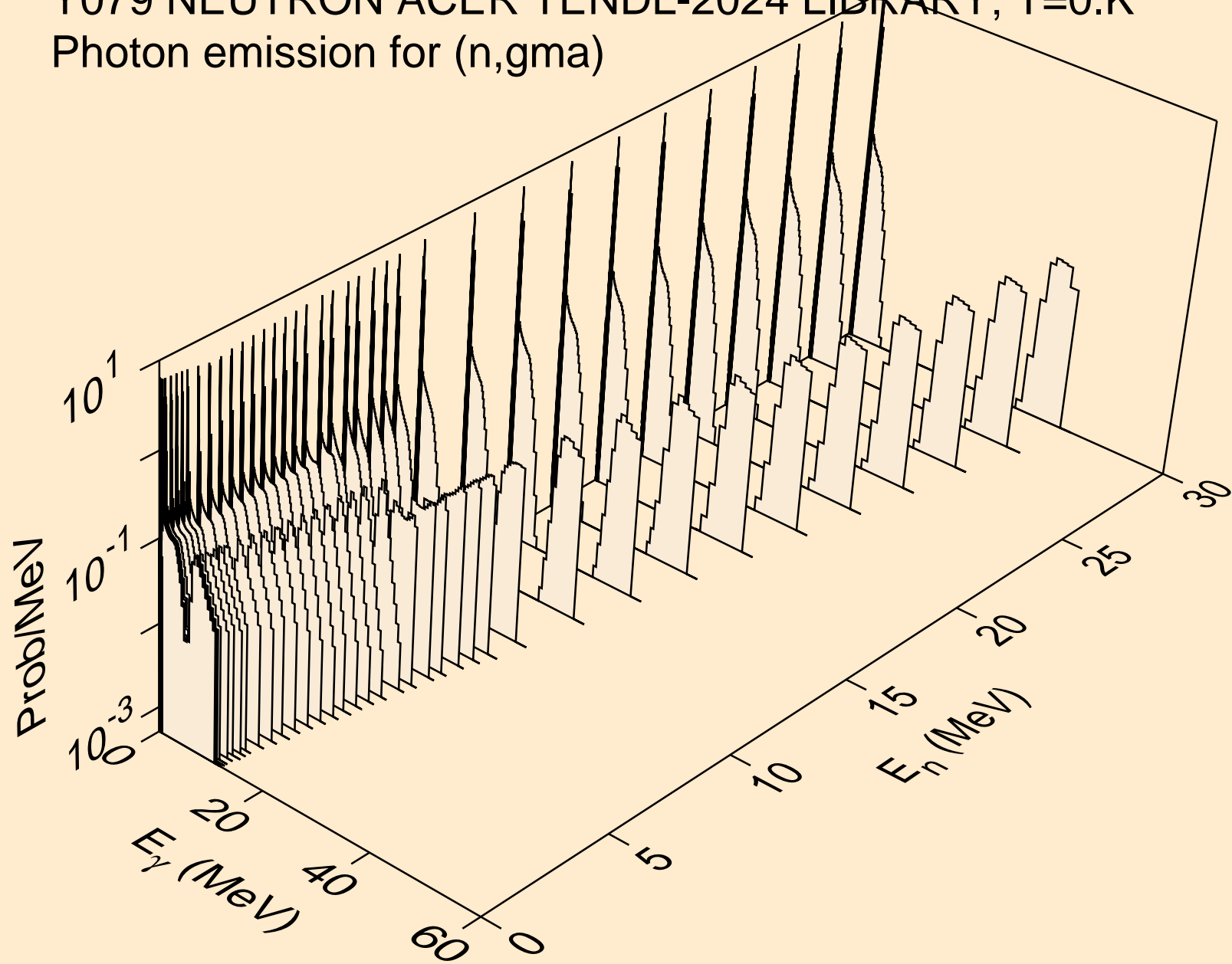
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



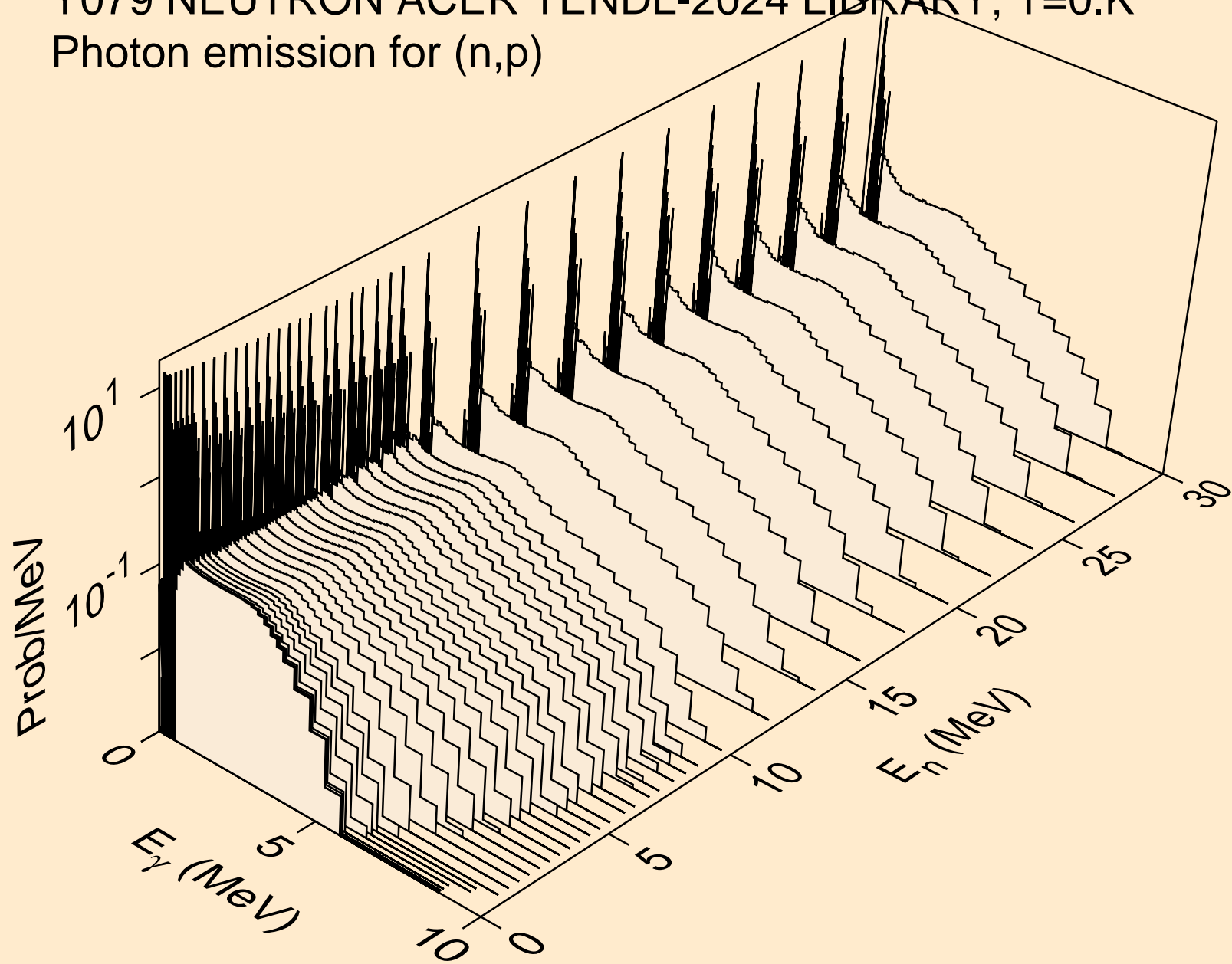
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Photon emission for (n,n\*c)



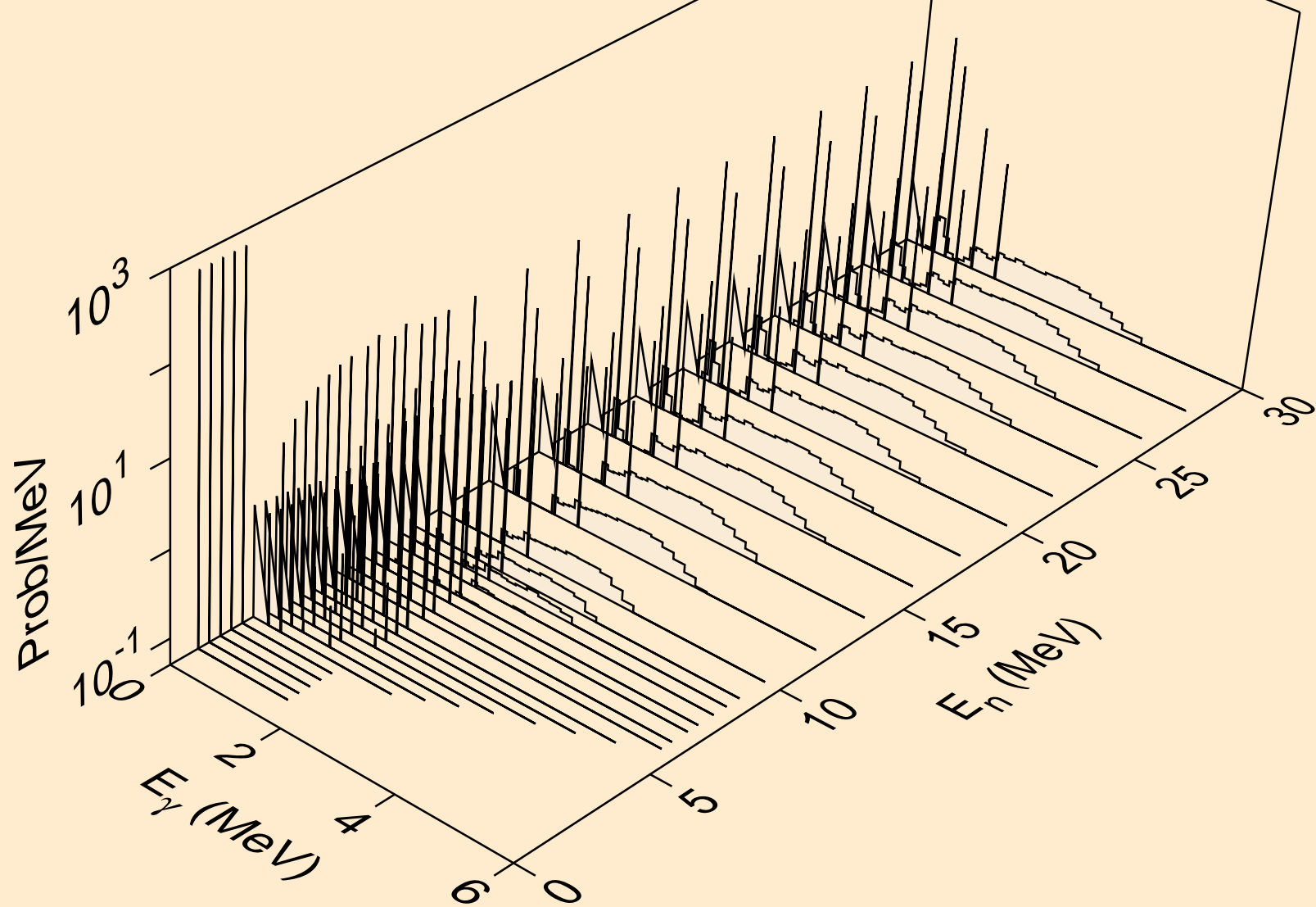
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Photon emission for (n,gma)



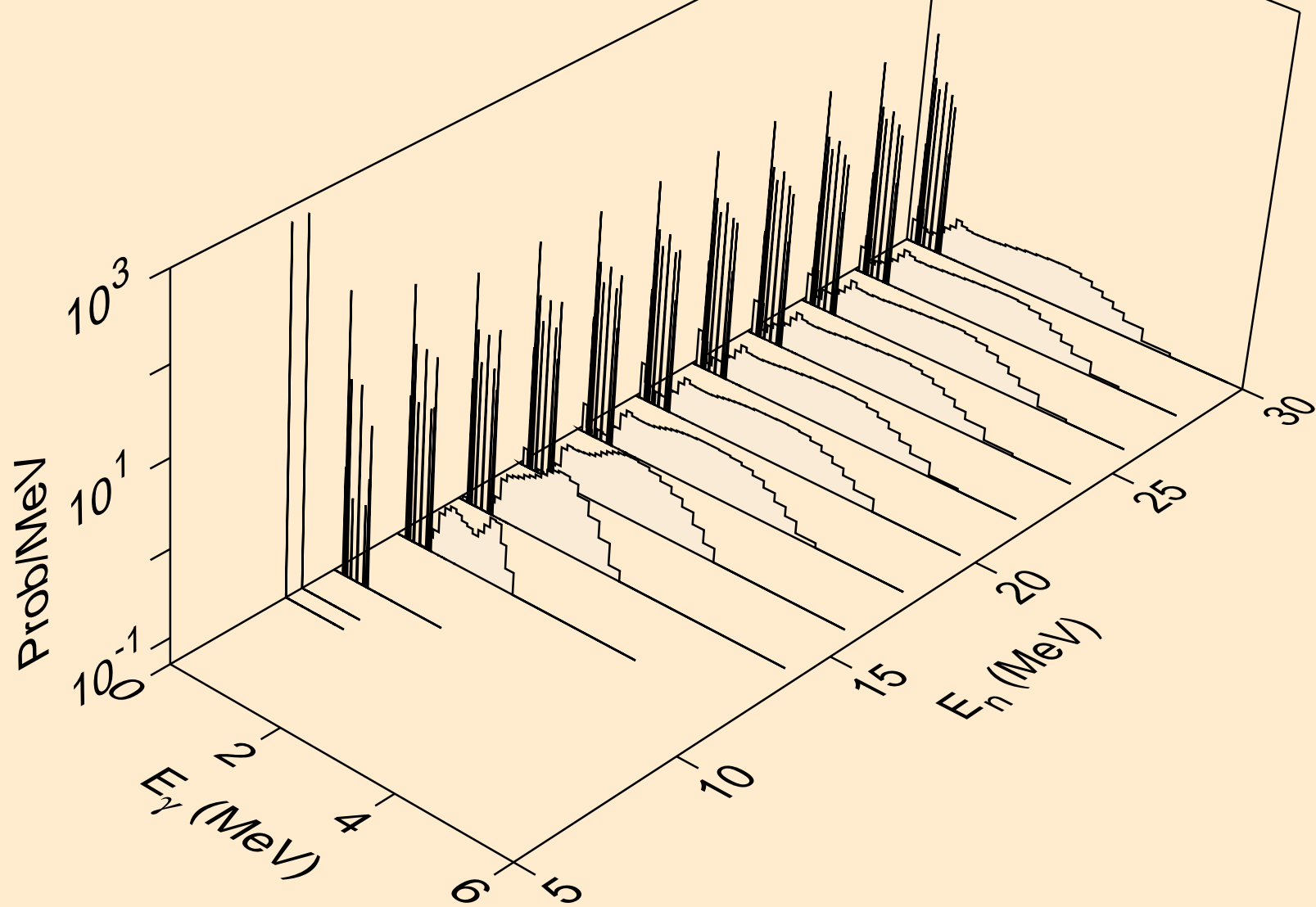
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

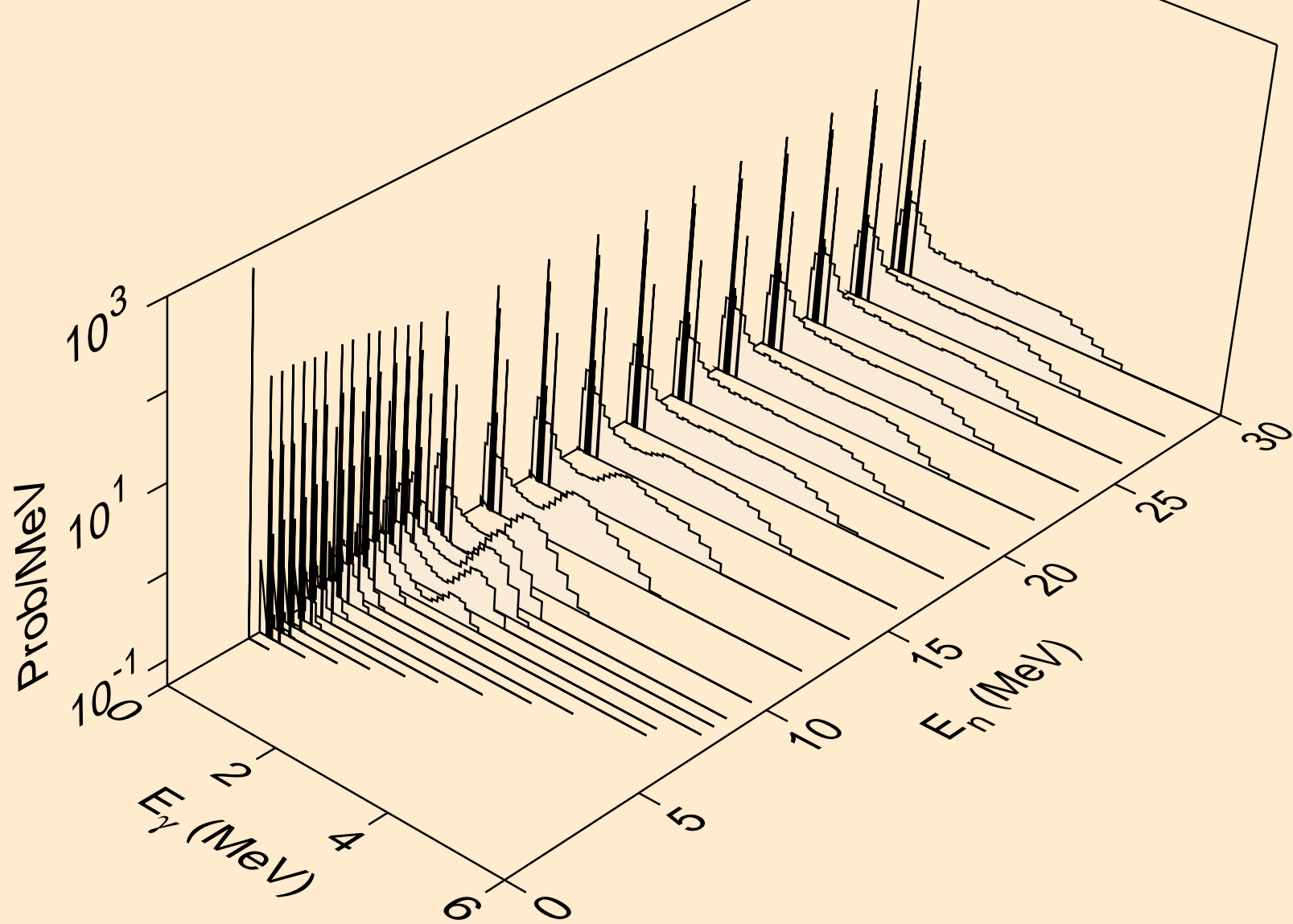


Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

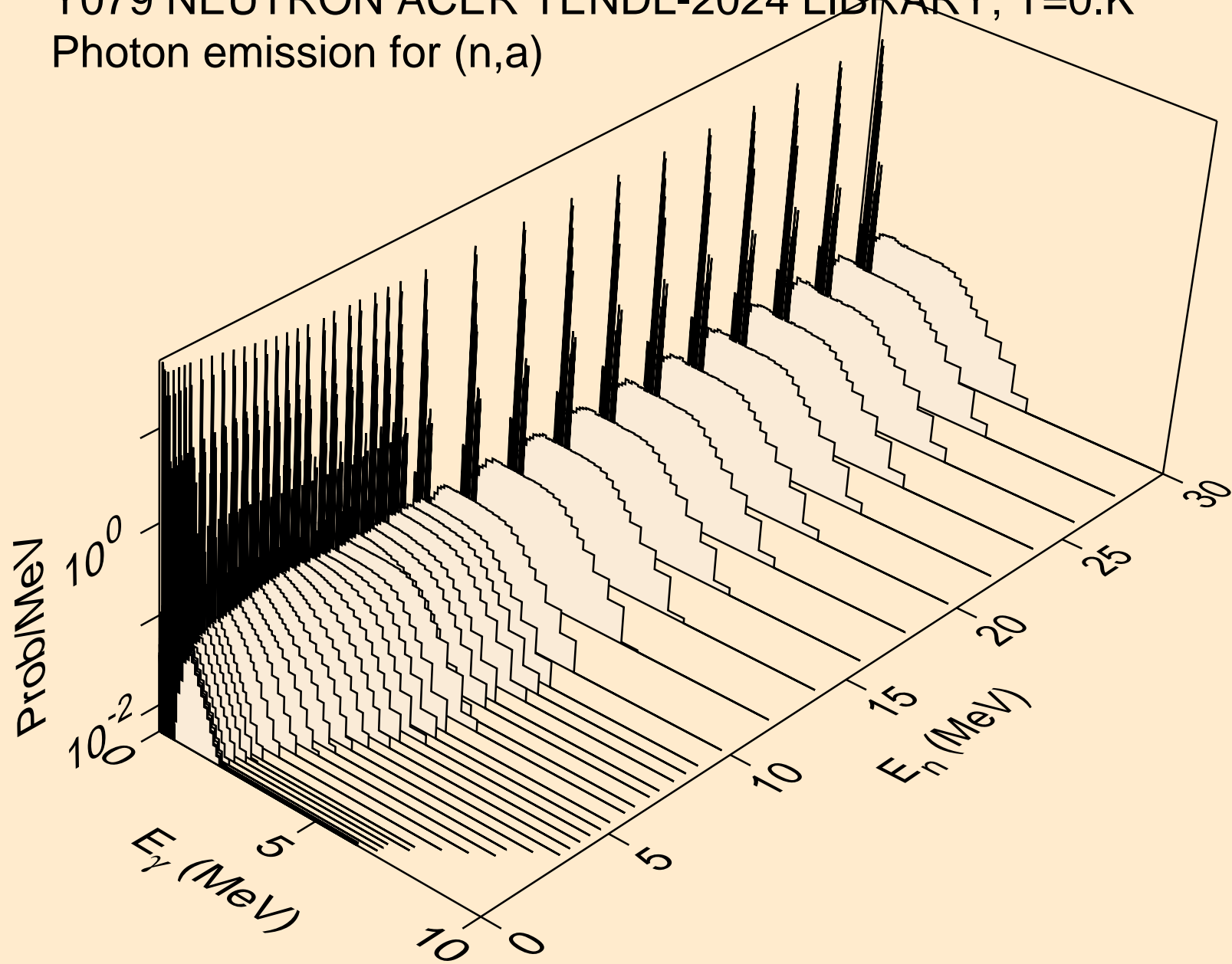




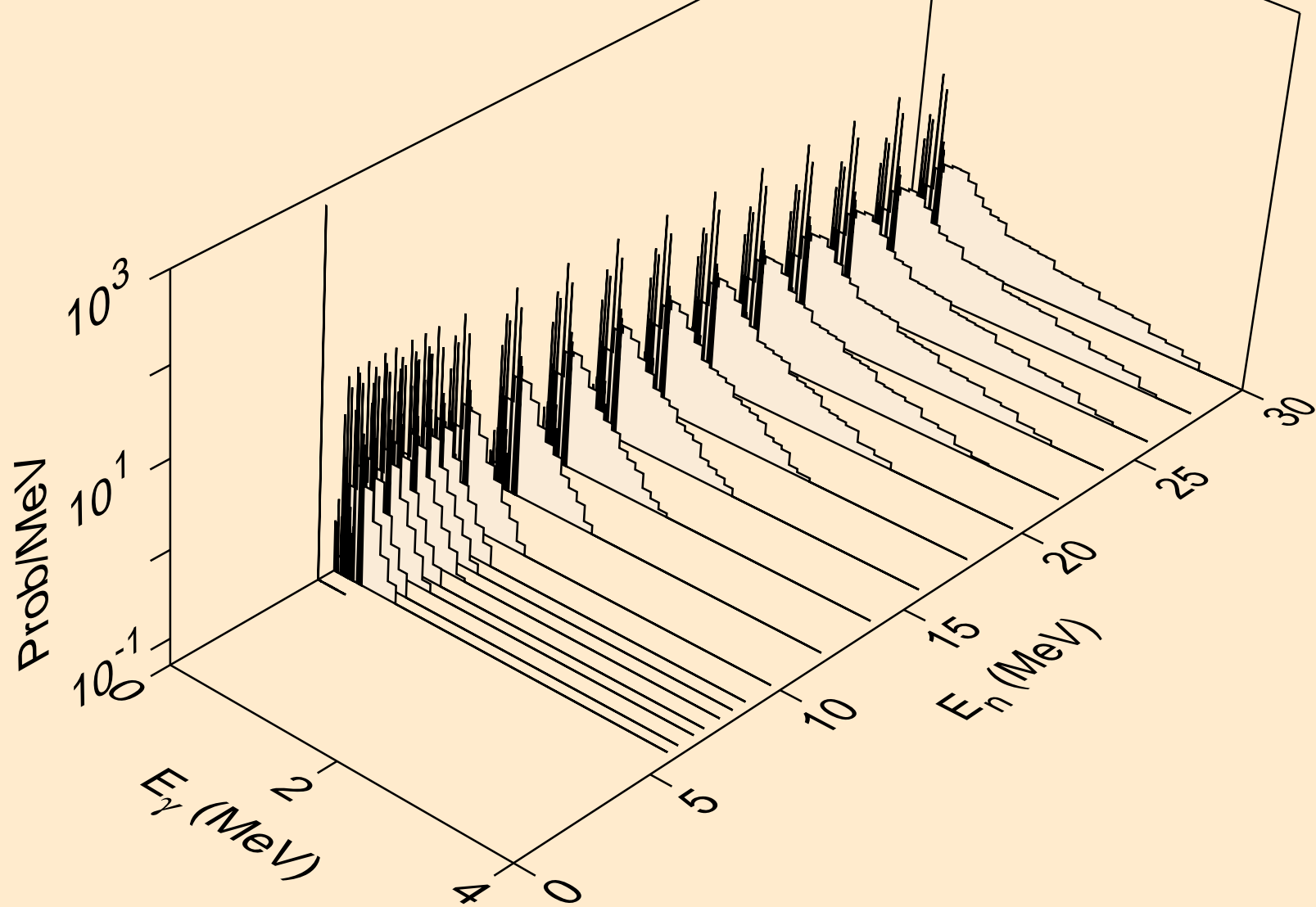
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Photon emission for (n,he3)



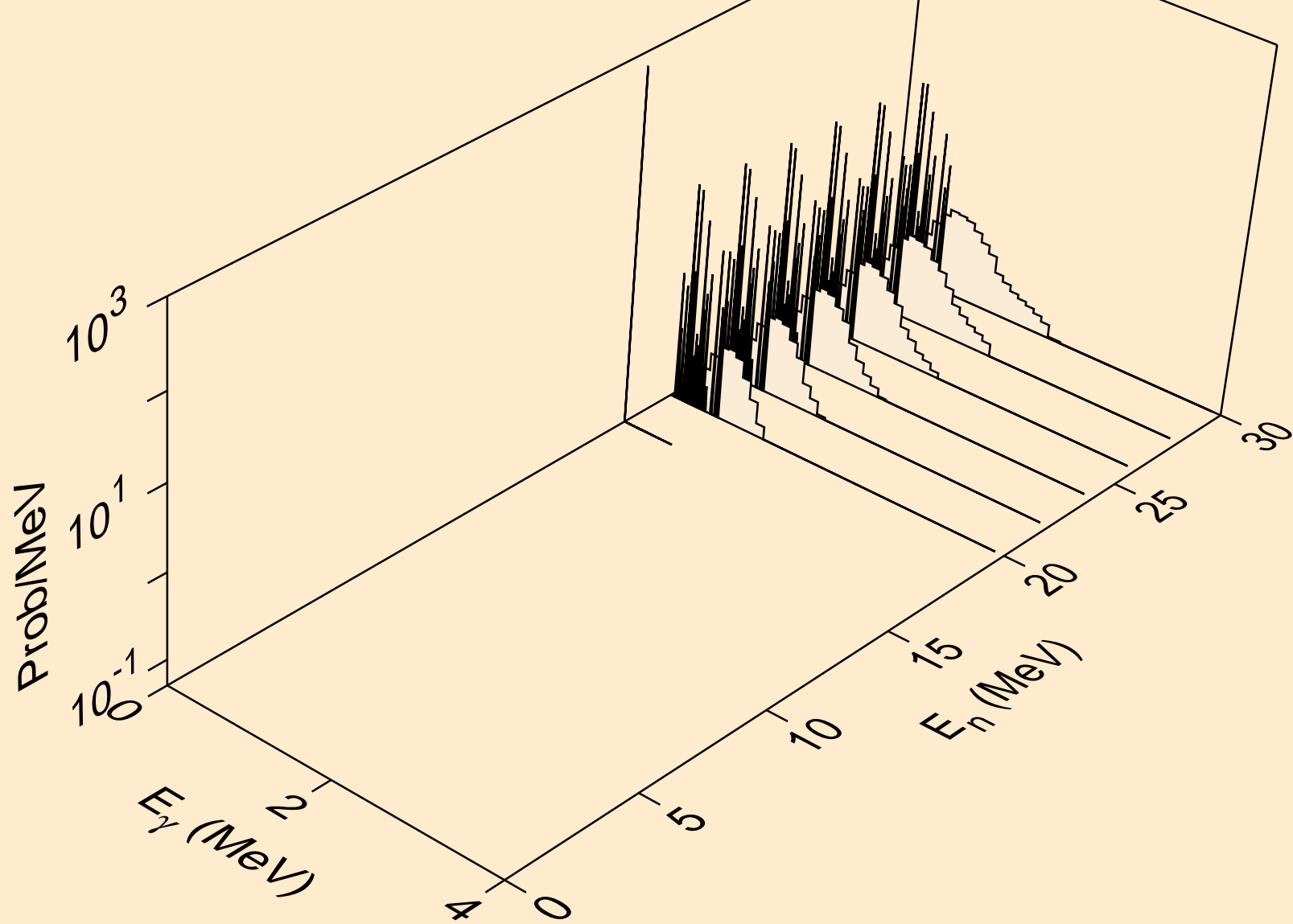
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



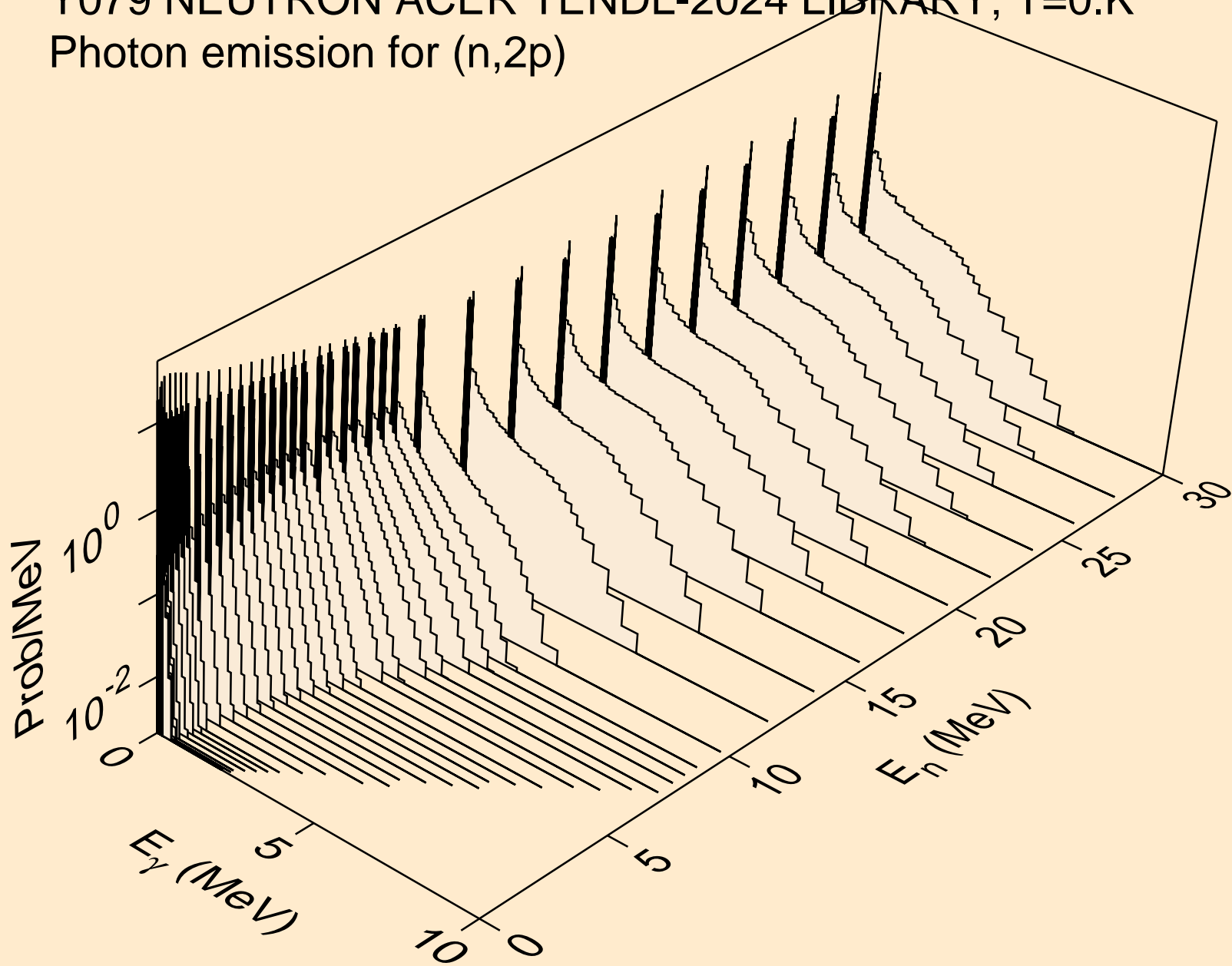
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



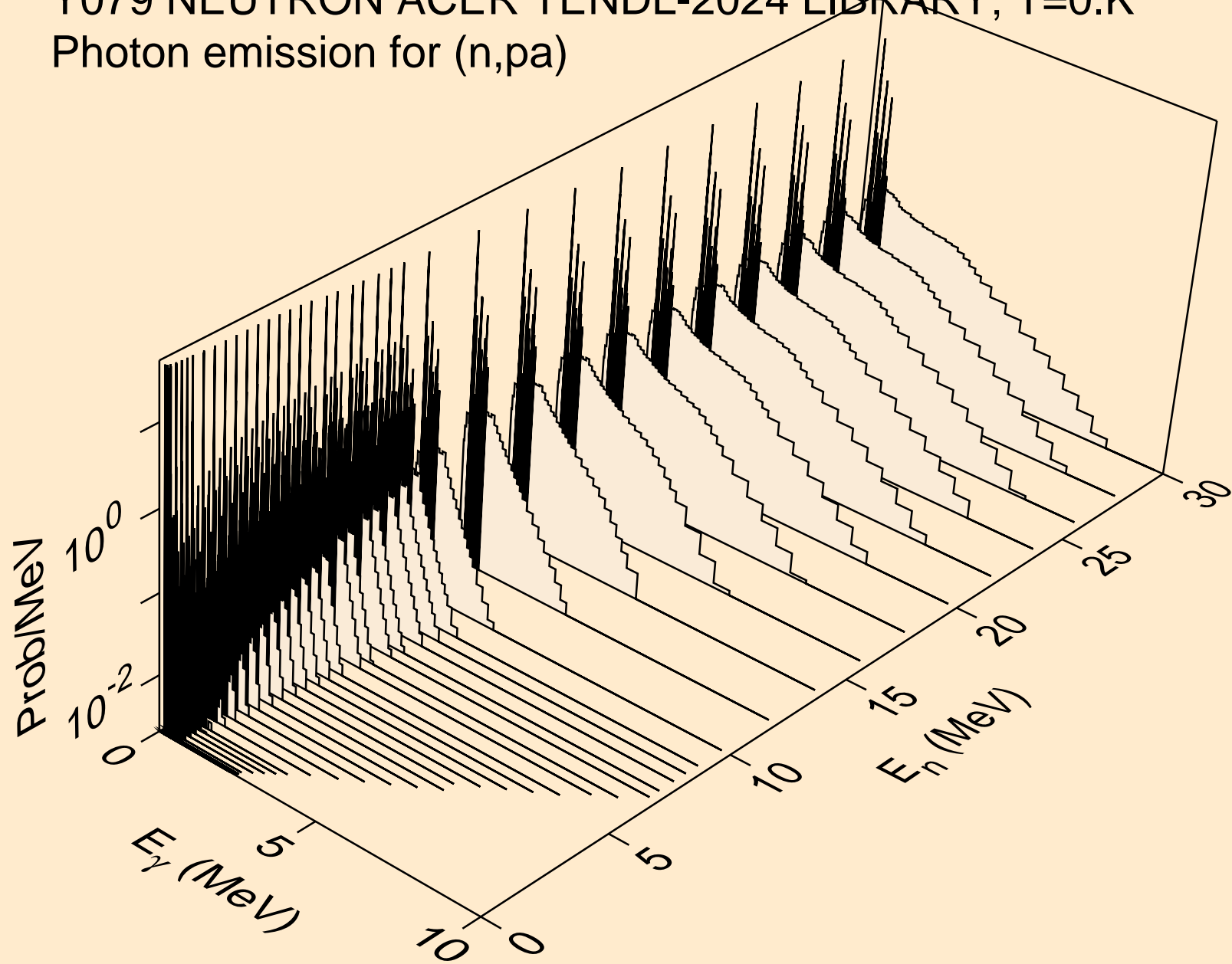
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



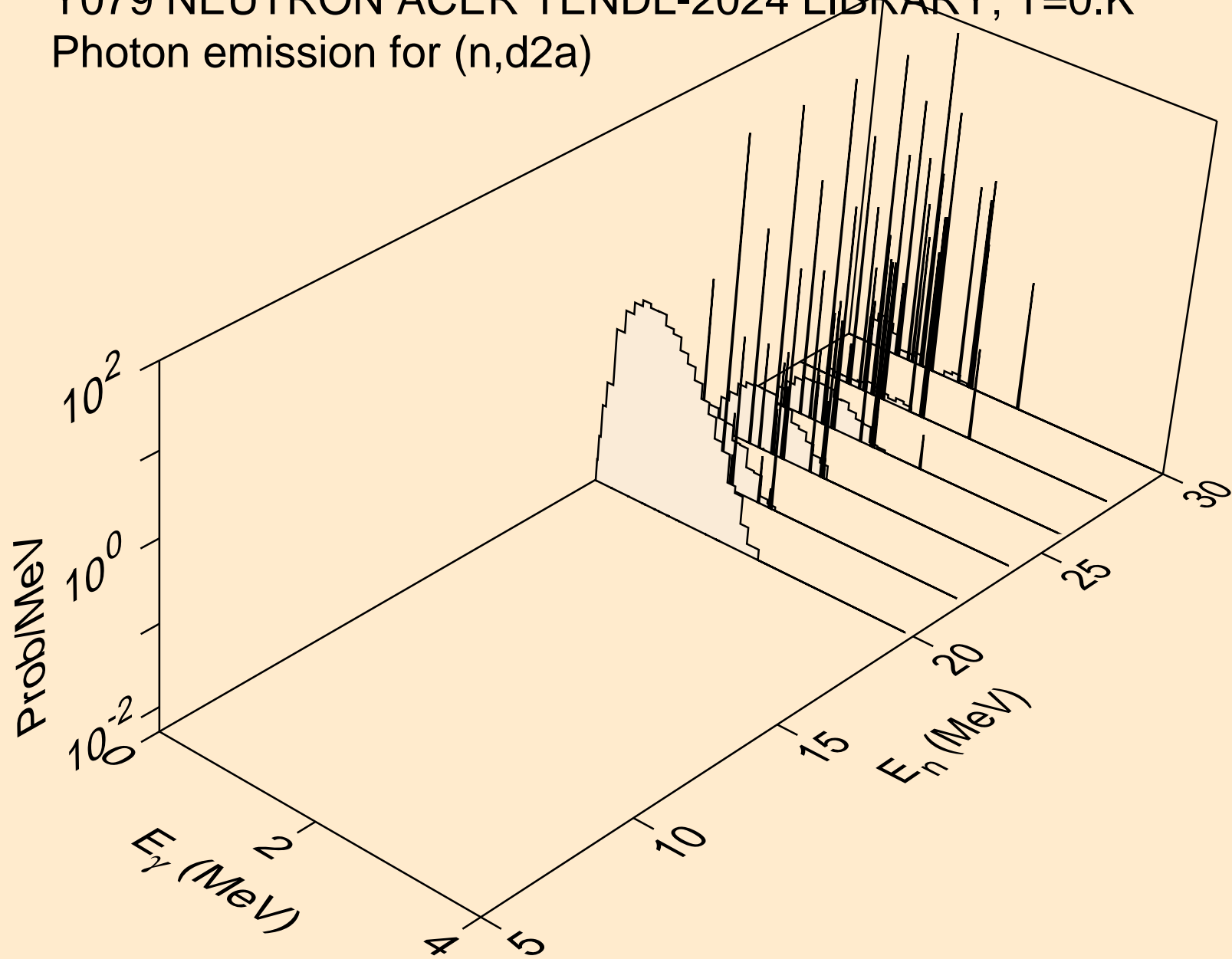
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Photon emission for (n,2p)



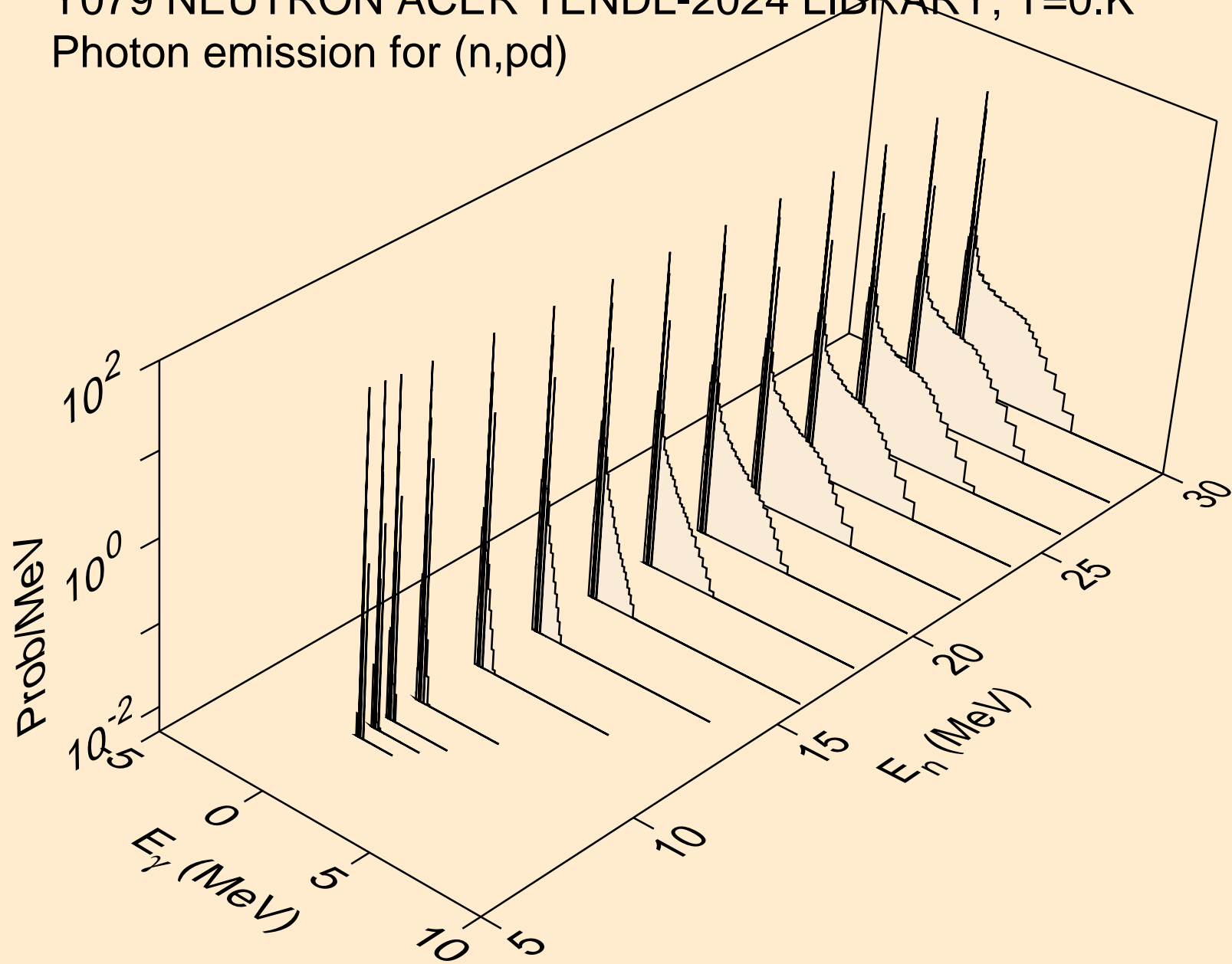
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)

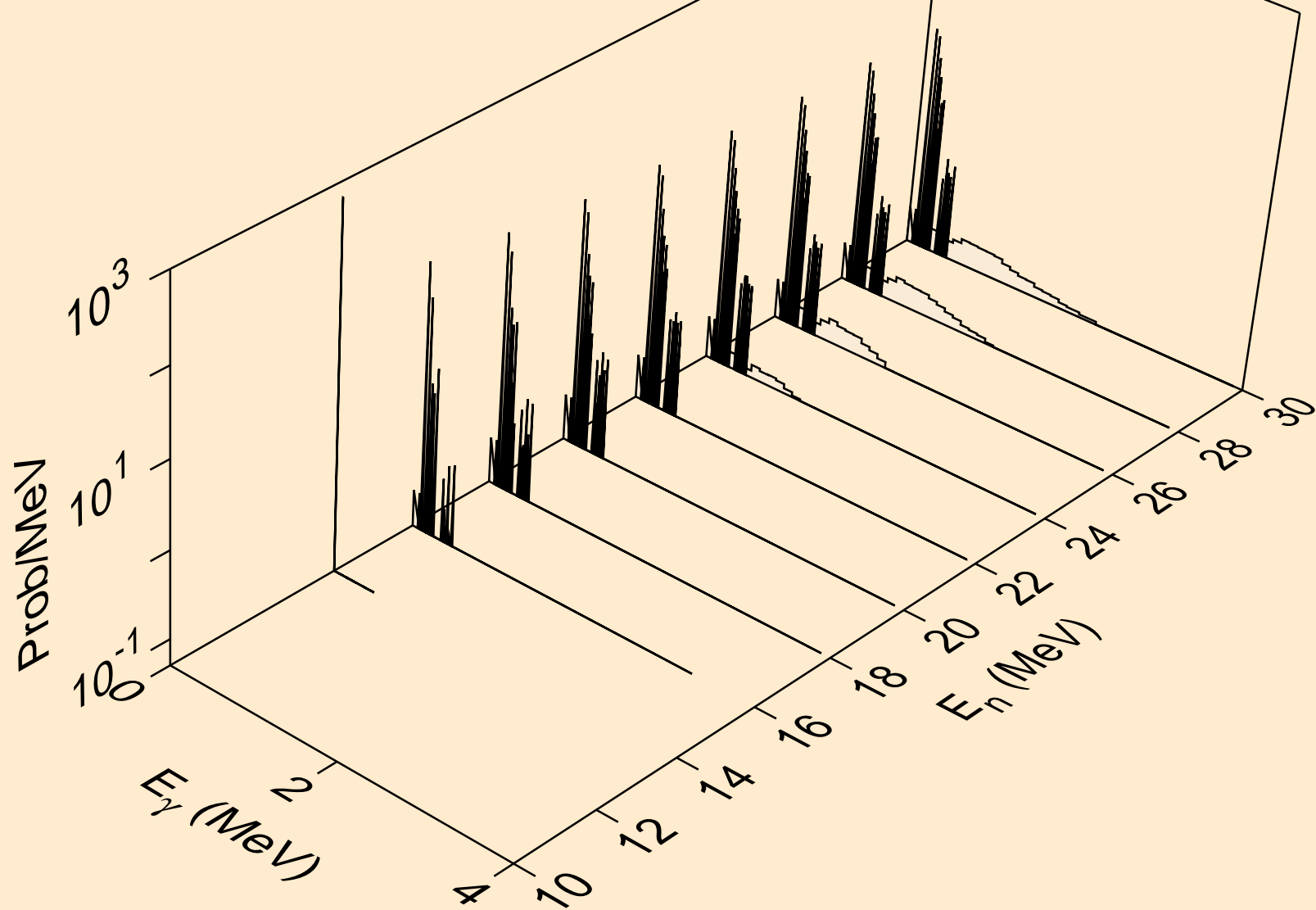


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Photon emission for (n,pd)

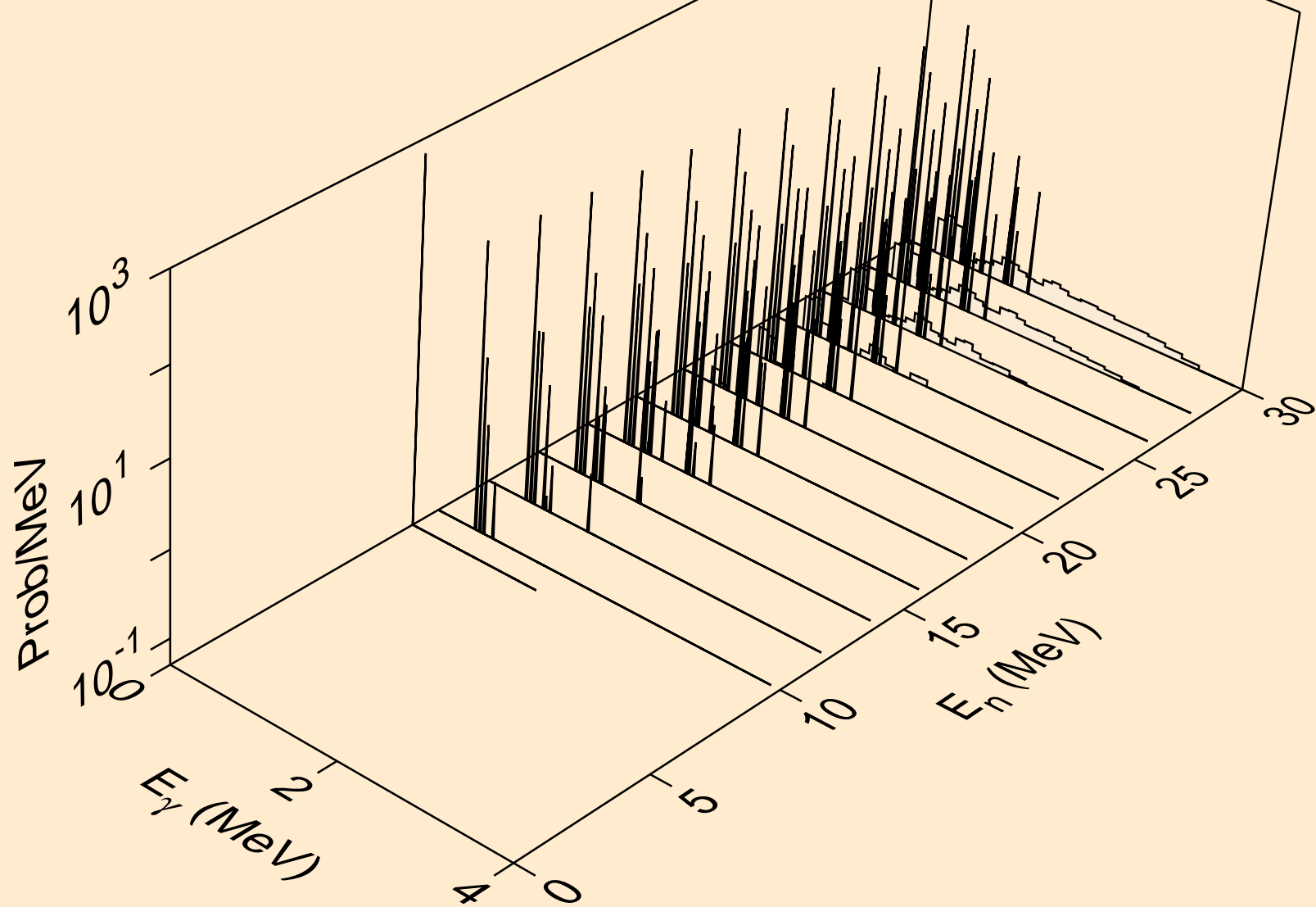




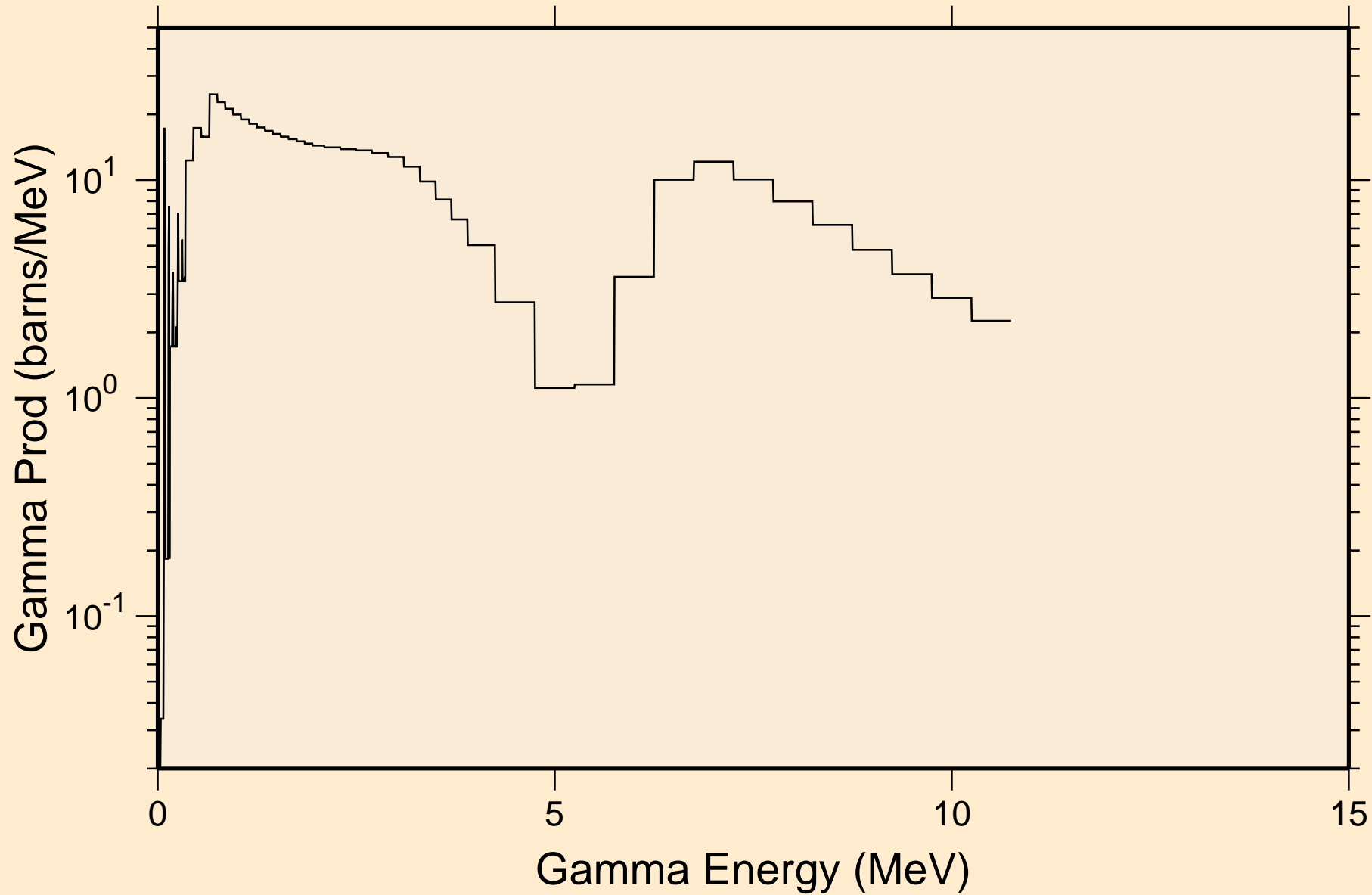
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



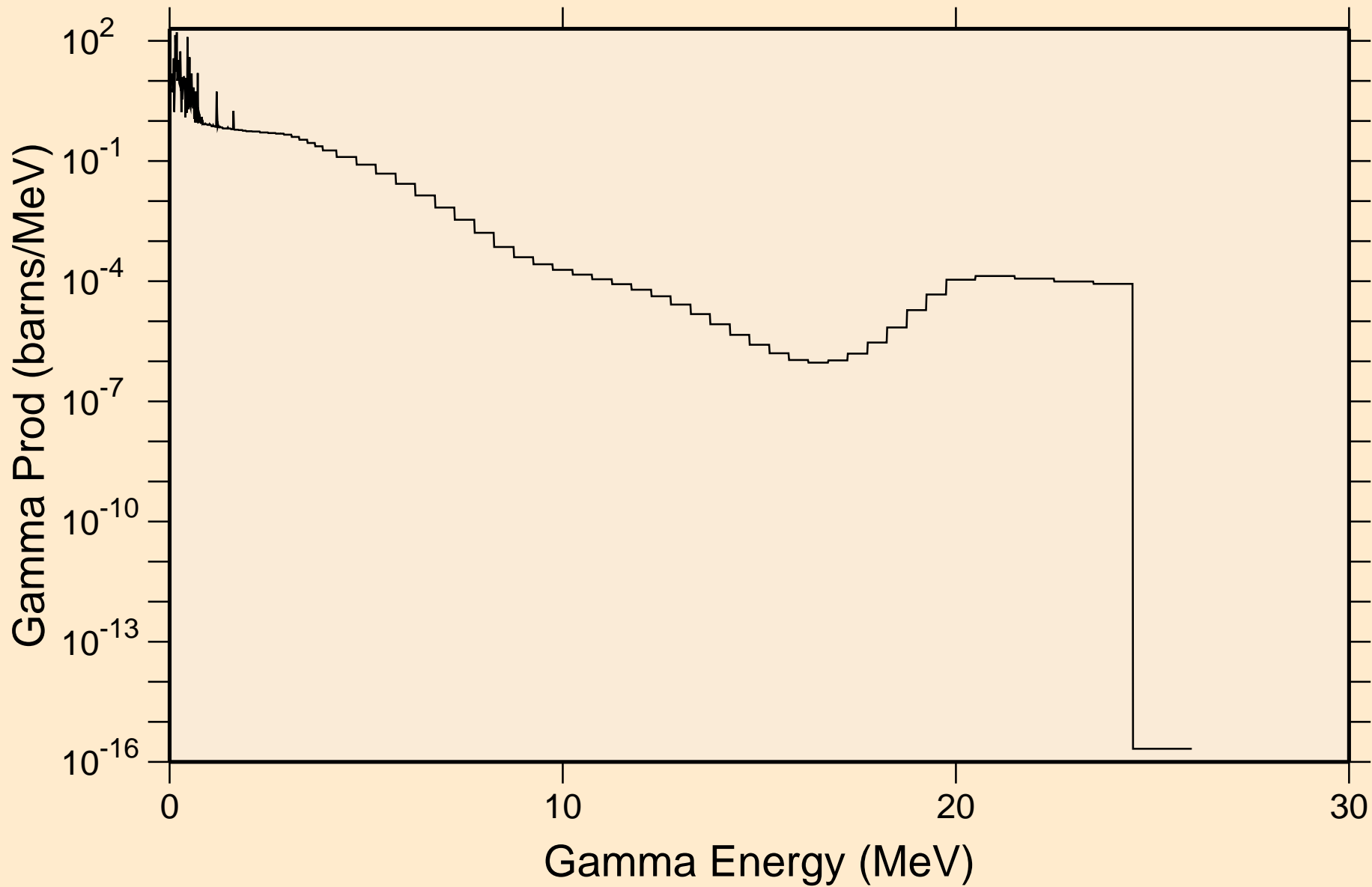
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Photon emission for (n,da)



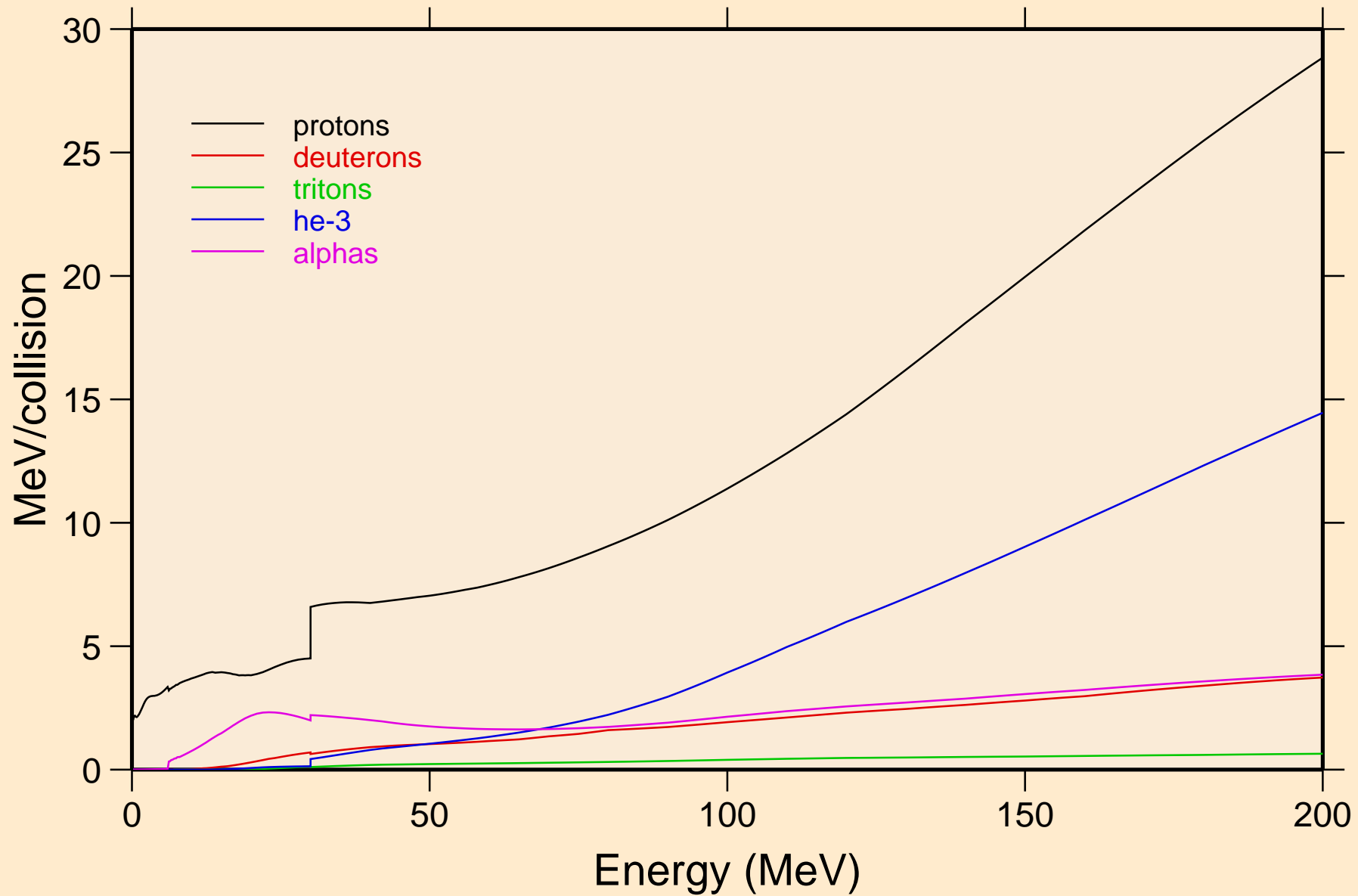
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thermal capture photon spectrum



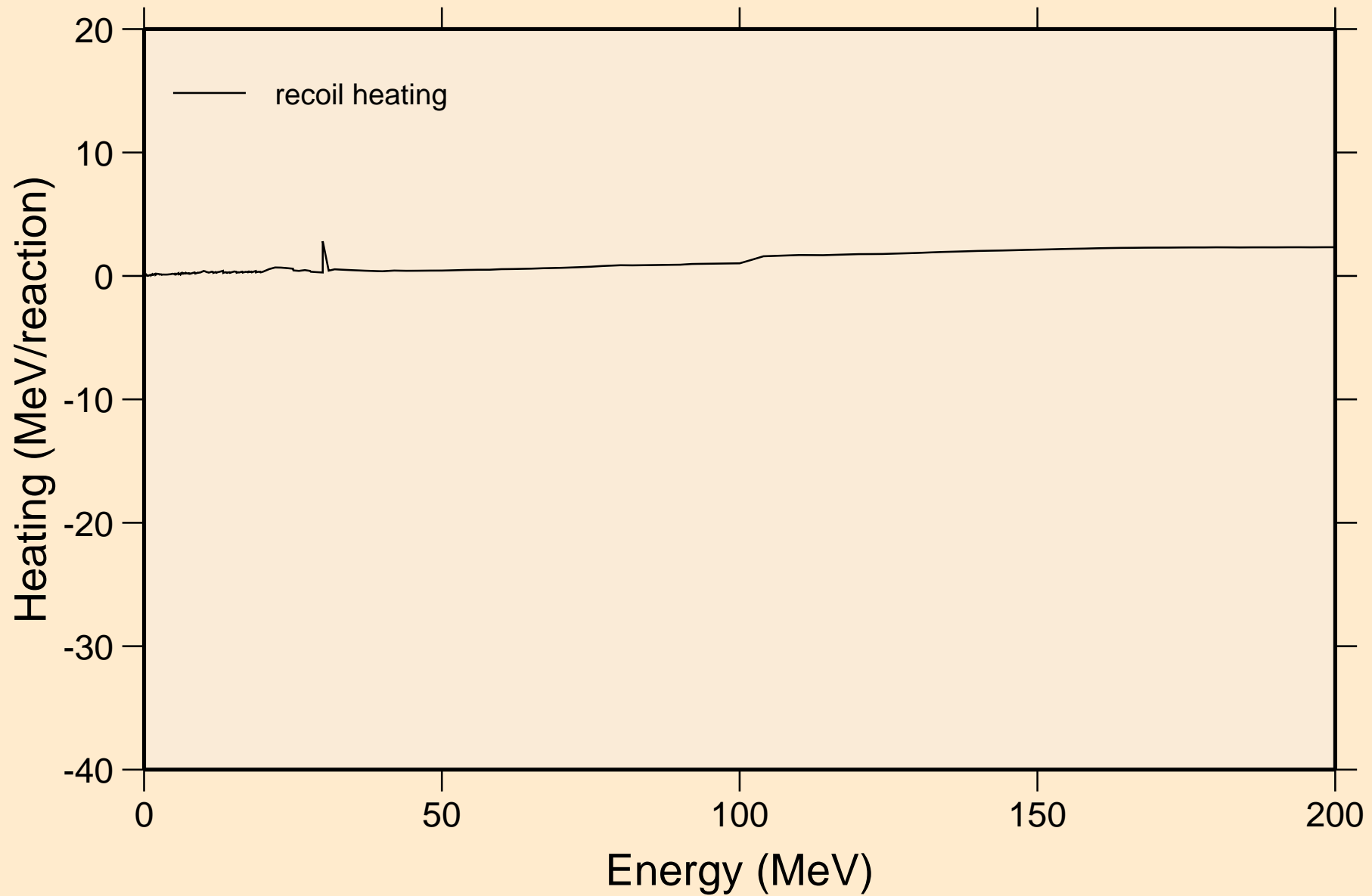
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

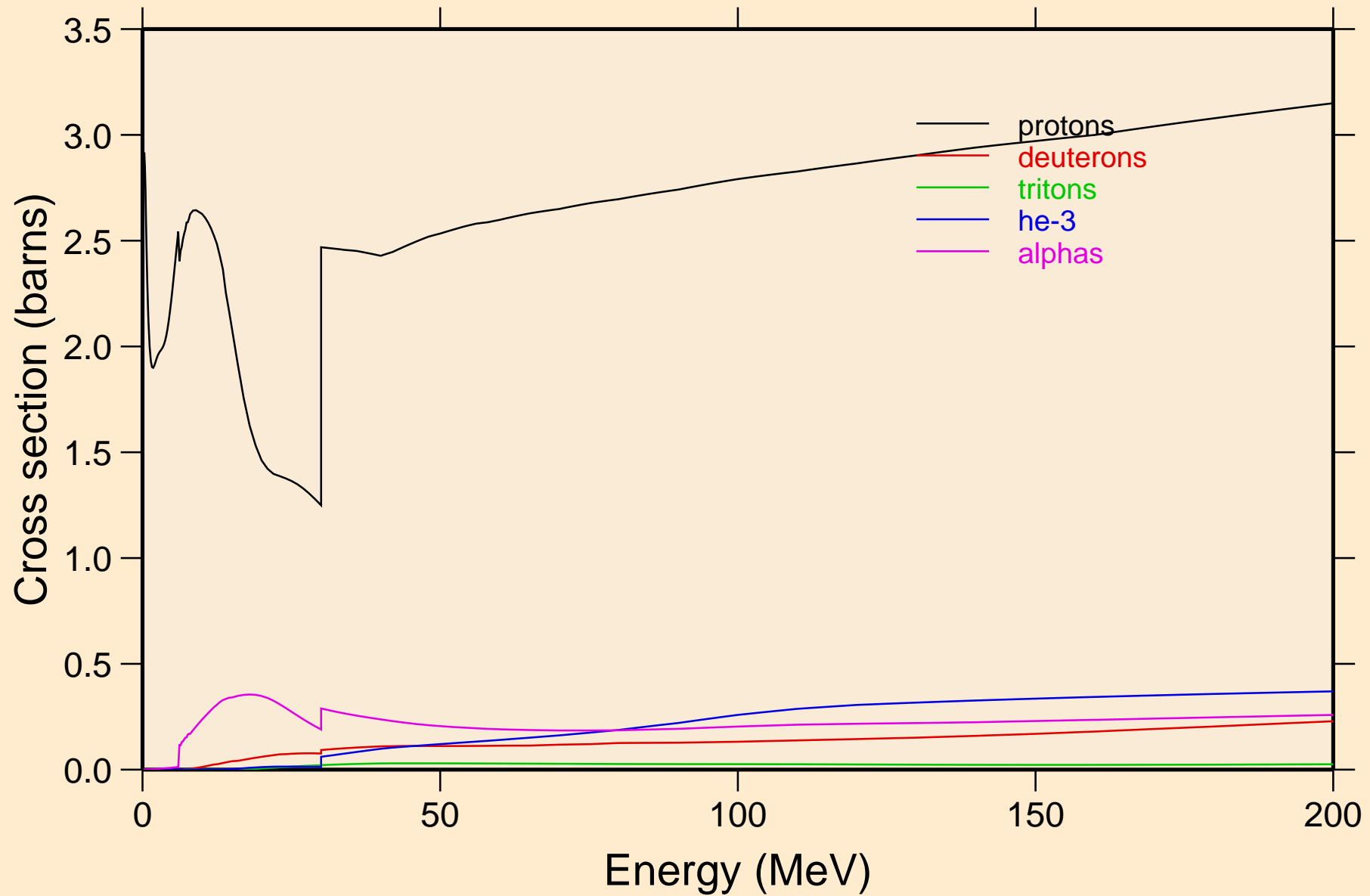


Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

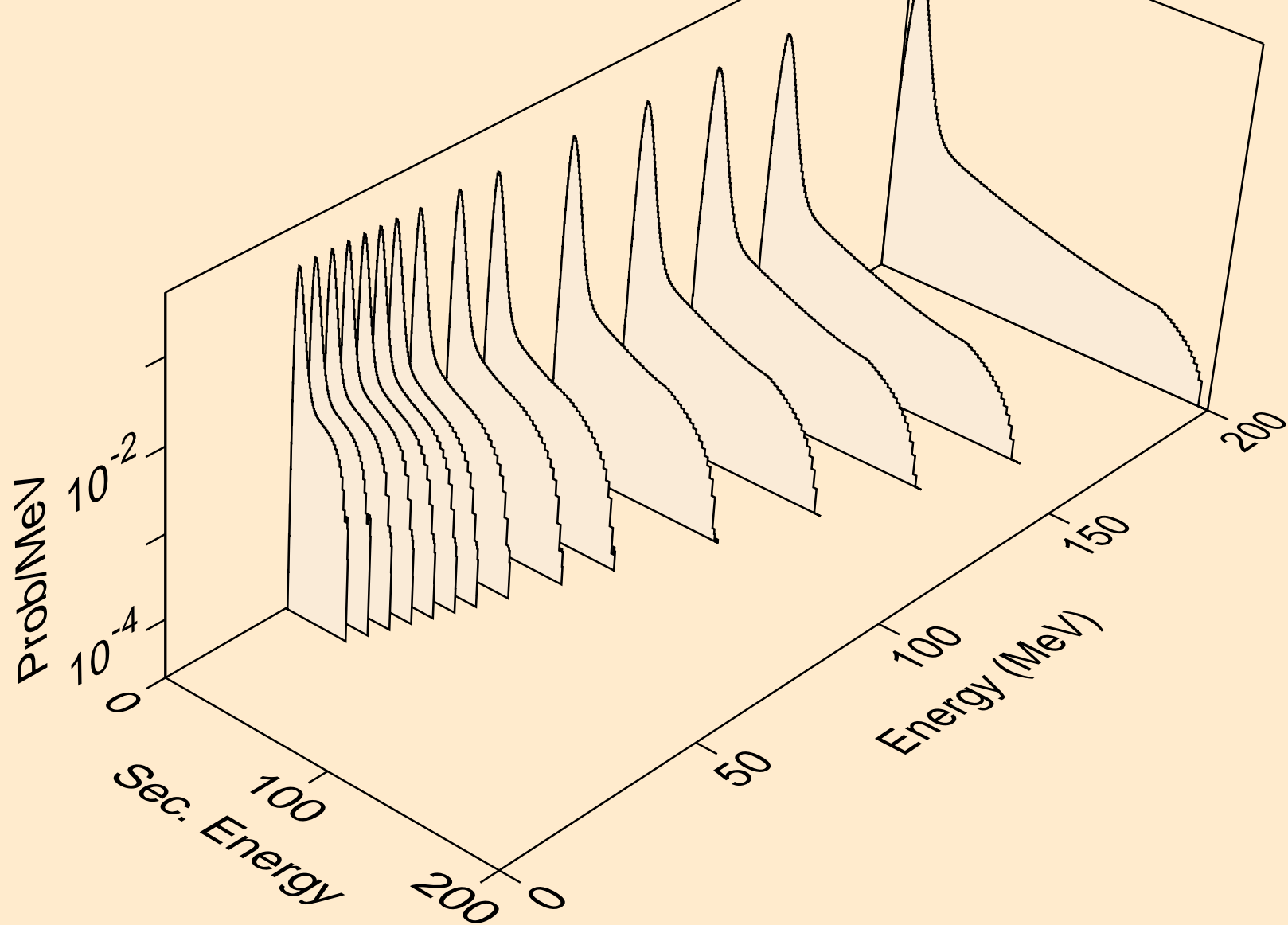


# Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle production cross sections

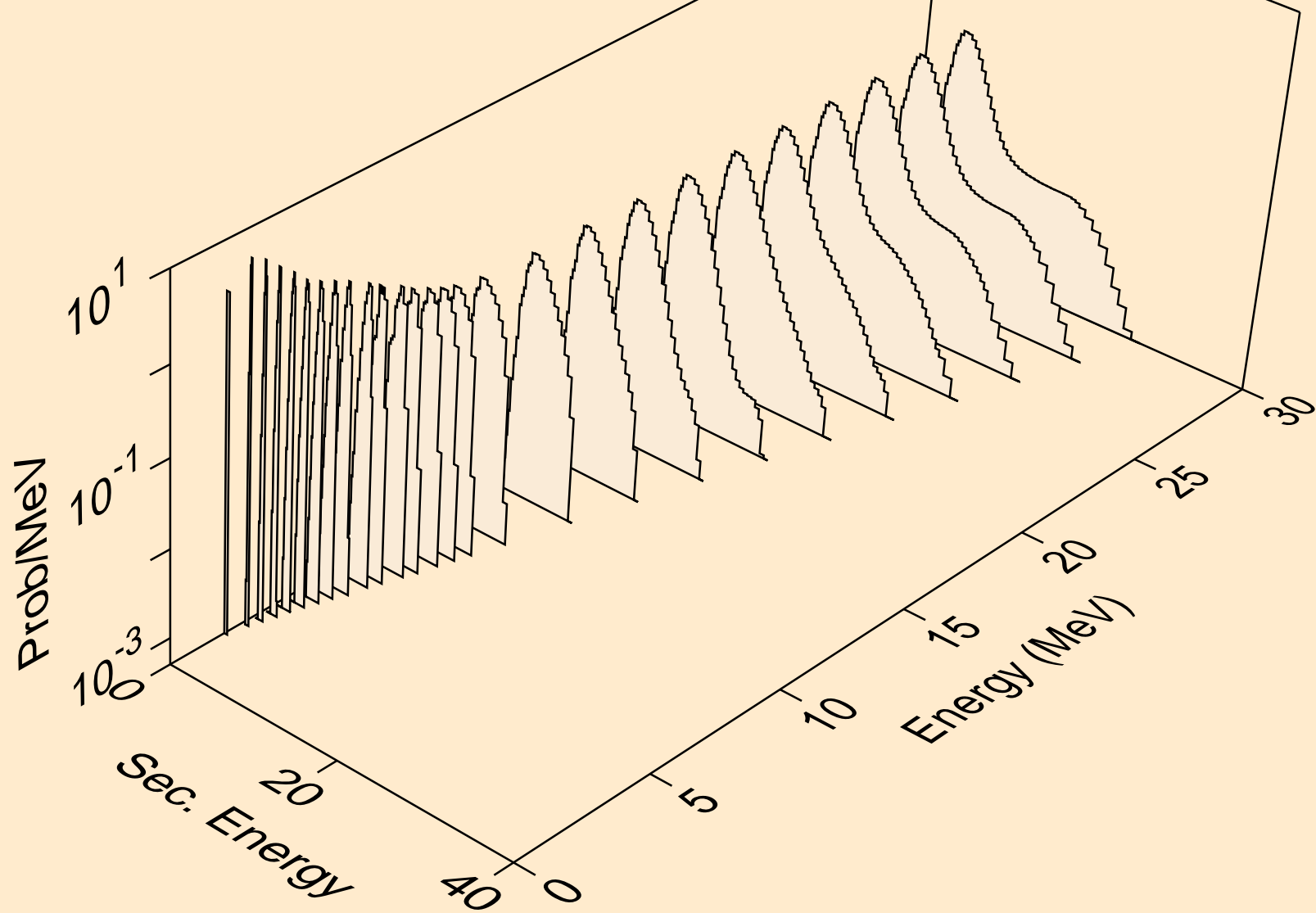


Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

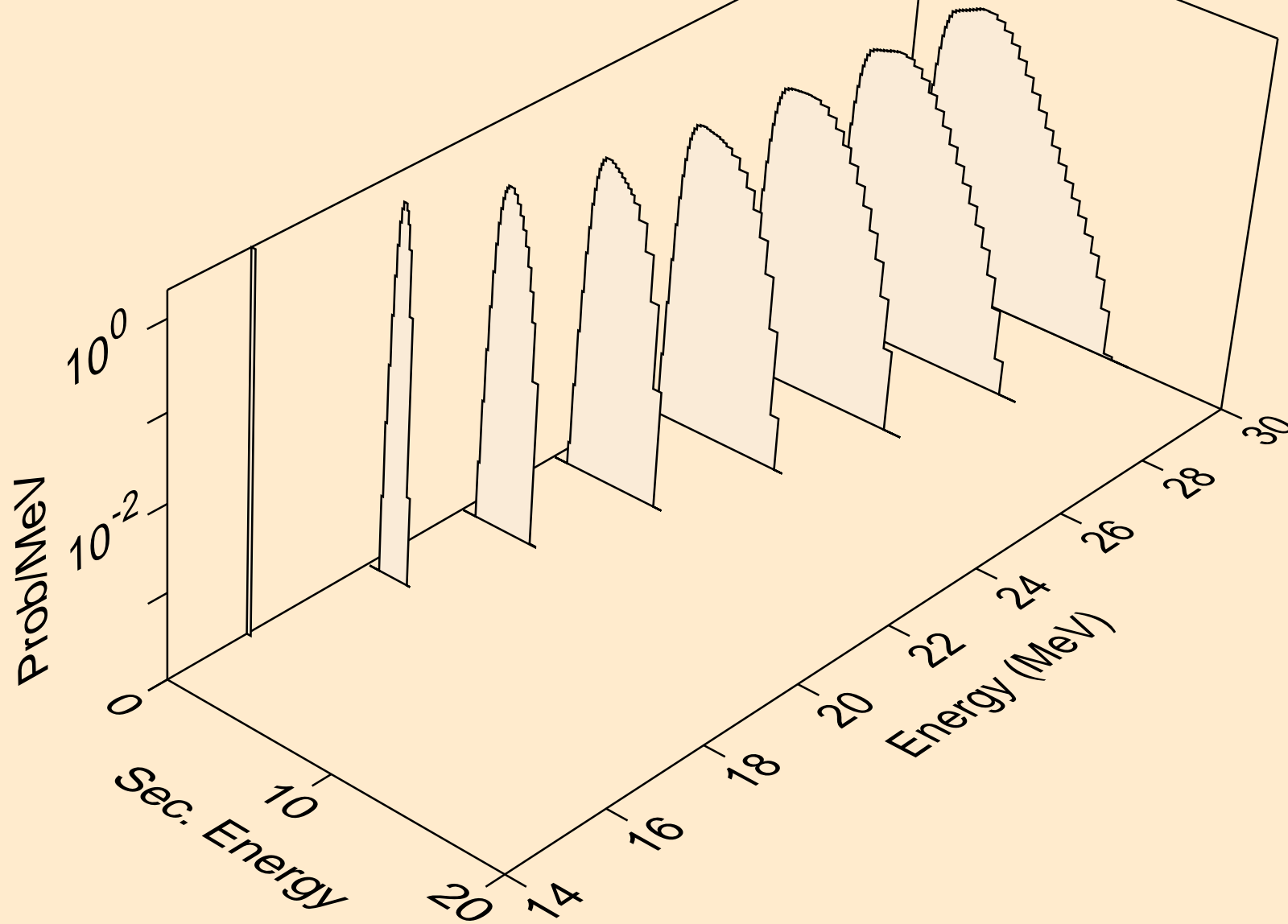




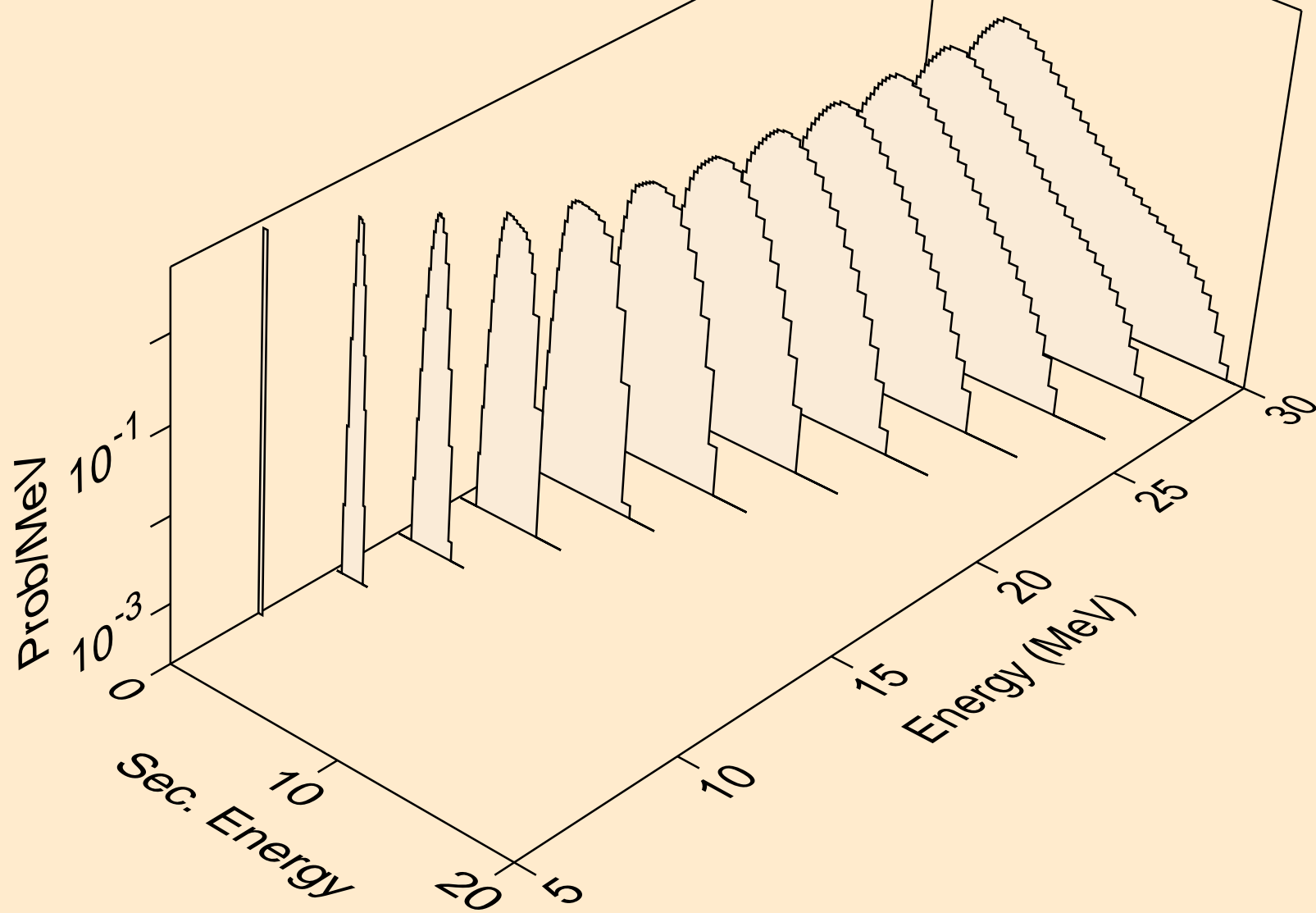
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



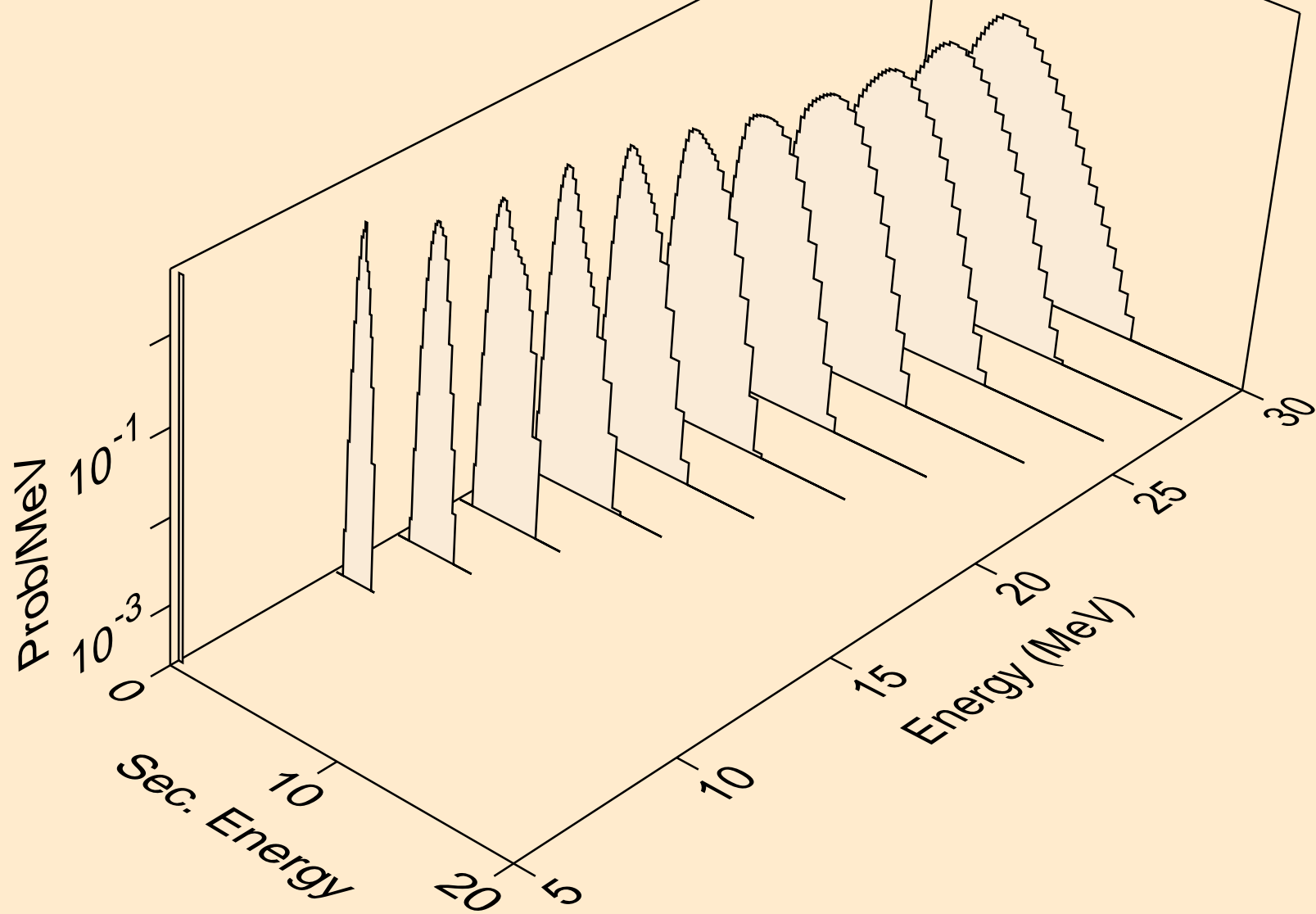
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protons from (n,2np)



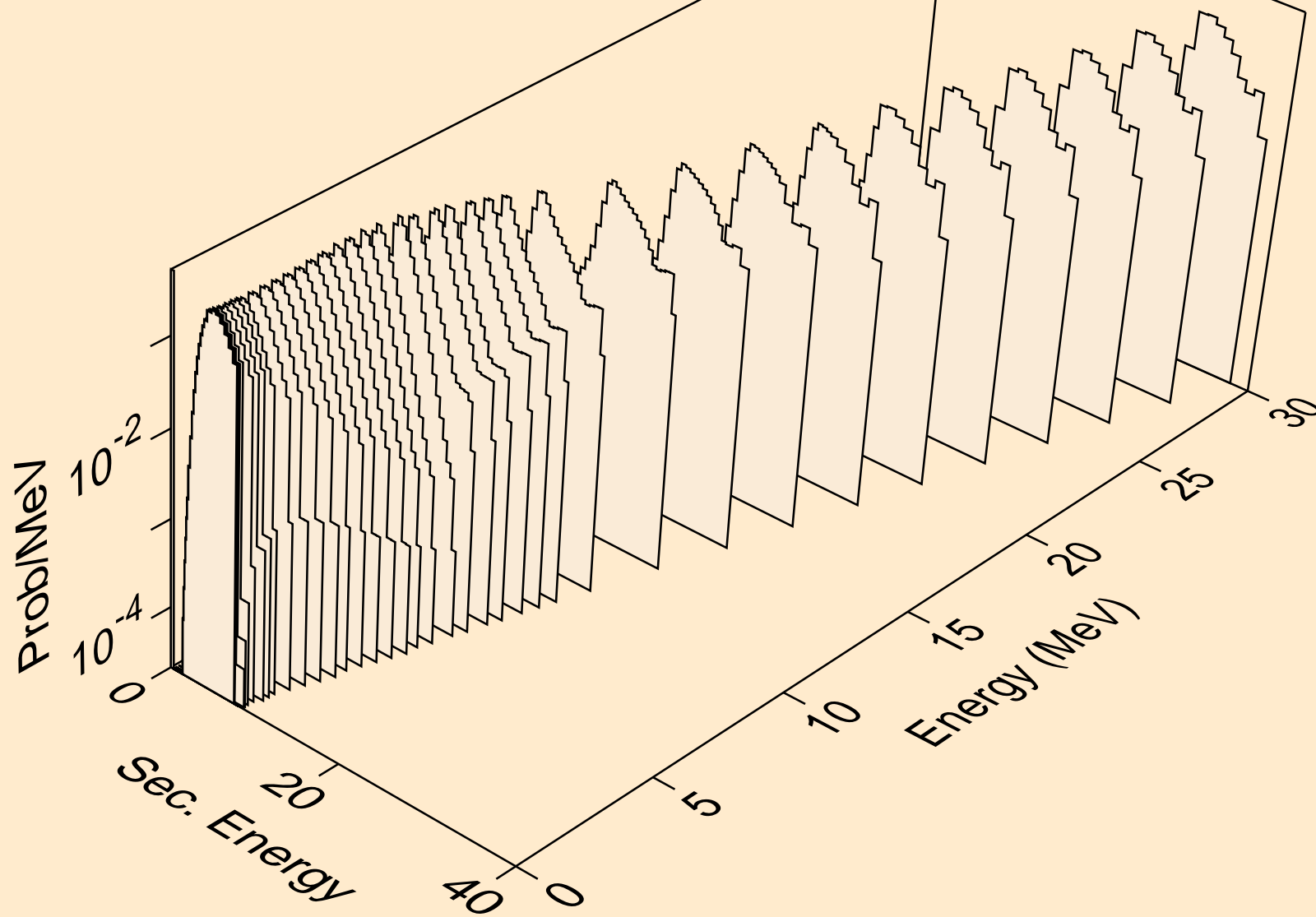
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protons from (n,n2p)



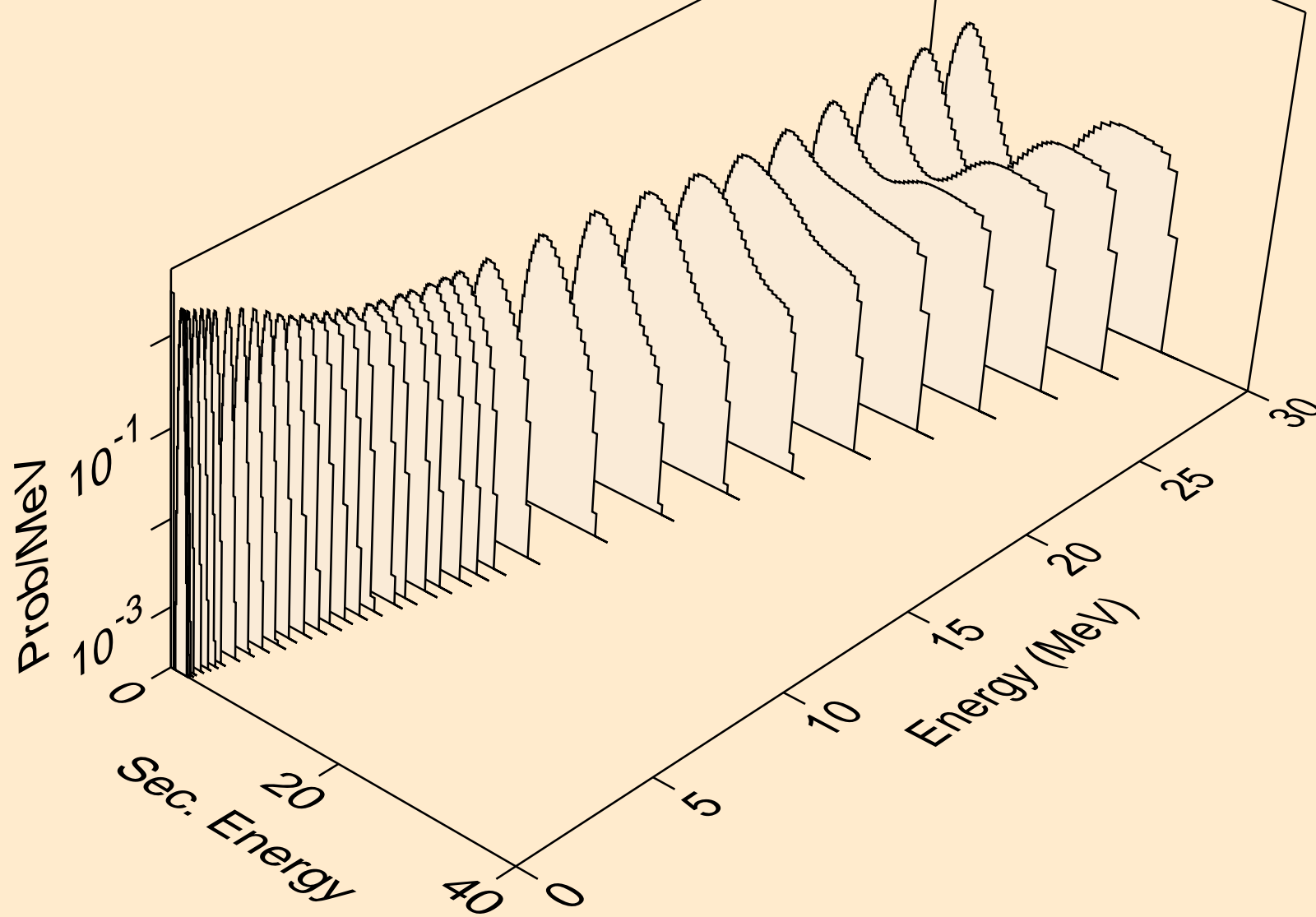
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protons from (n,npa)



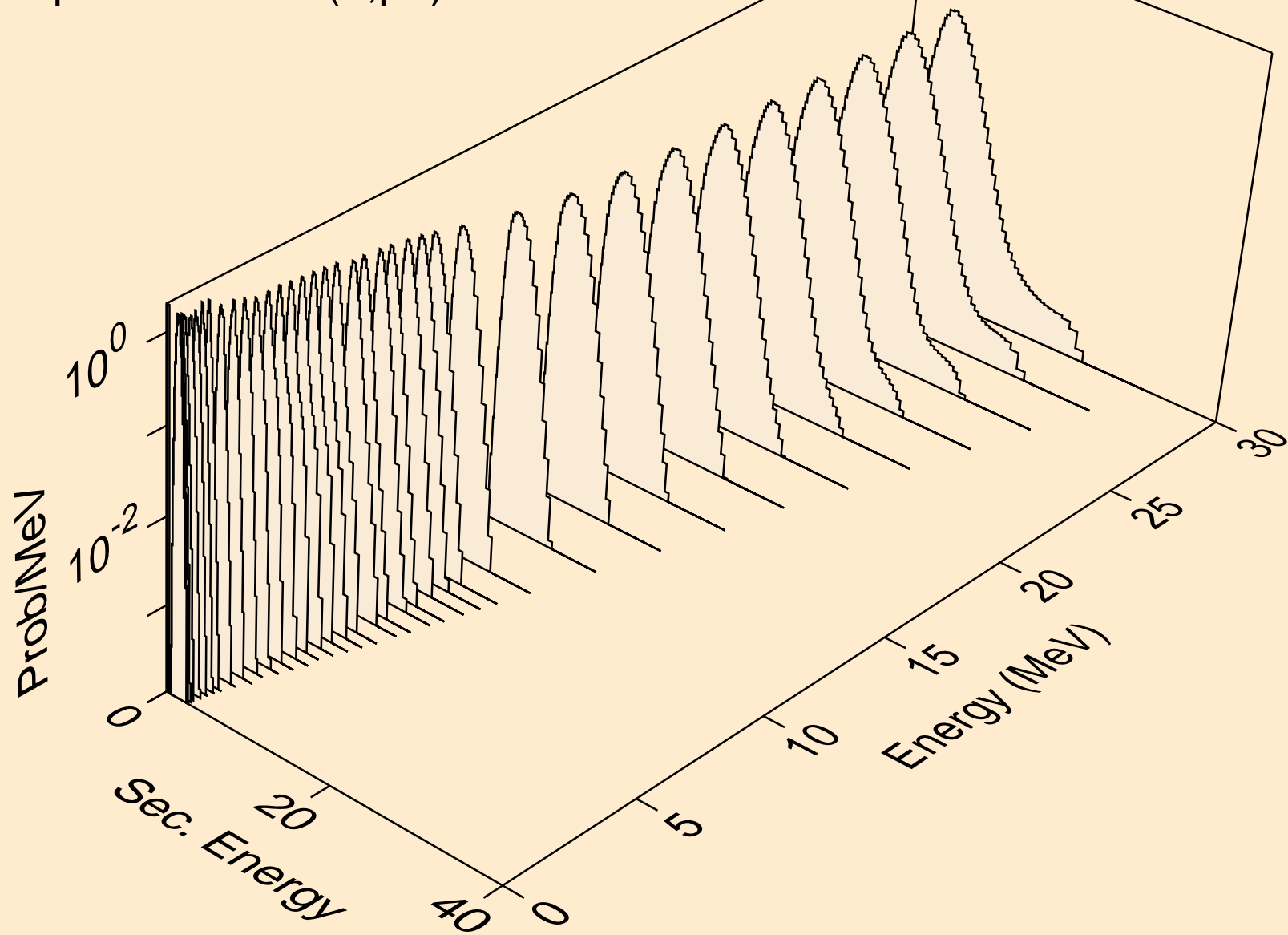
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protons from (n,p)



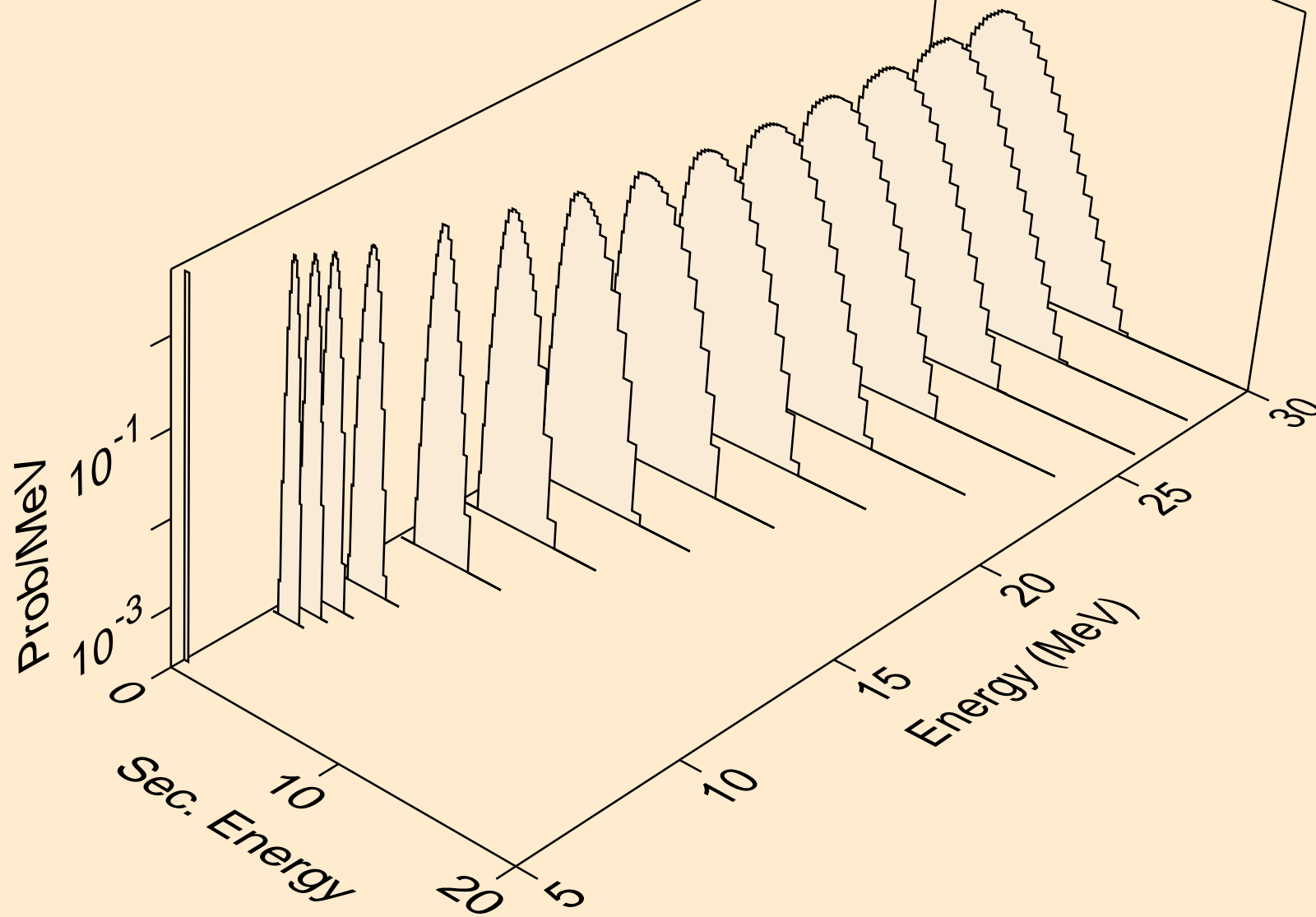
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protons from (n,2p)



Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

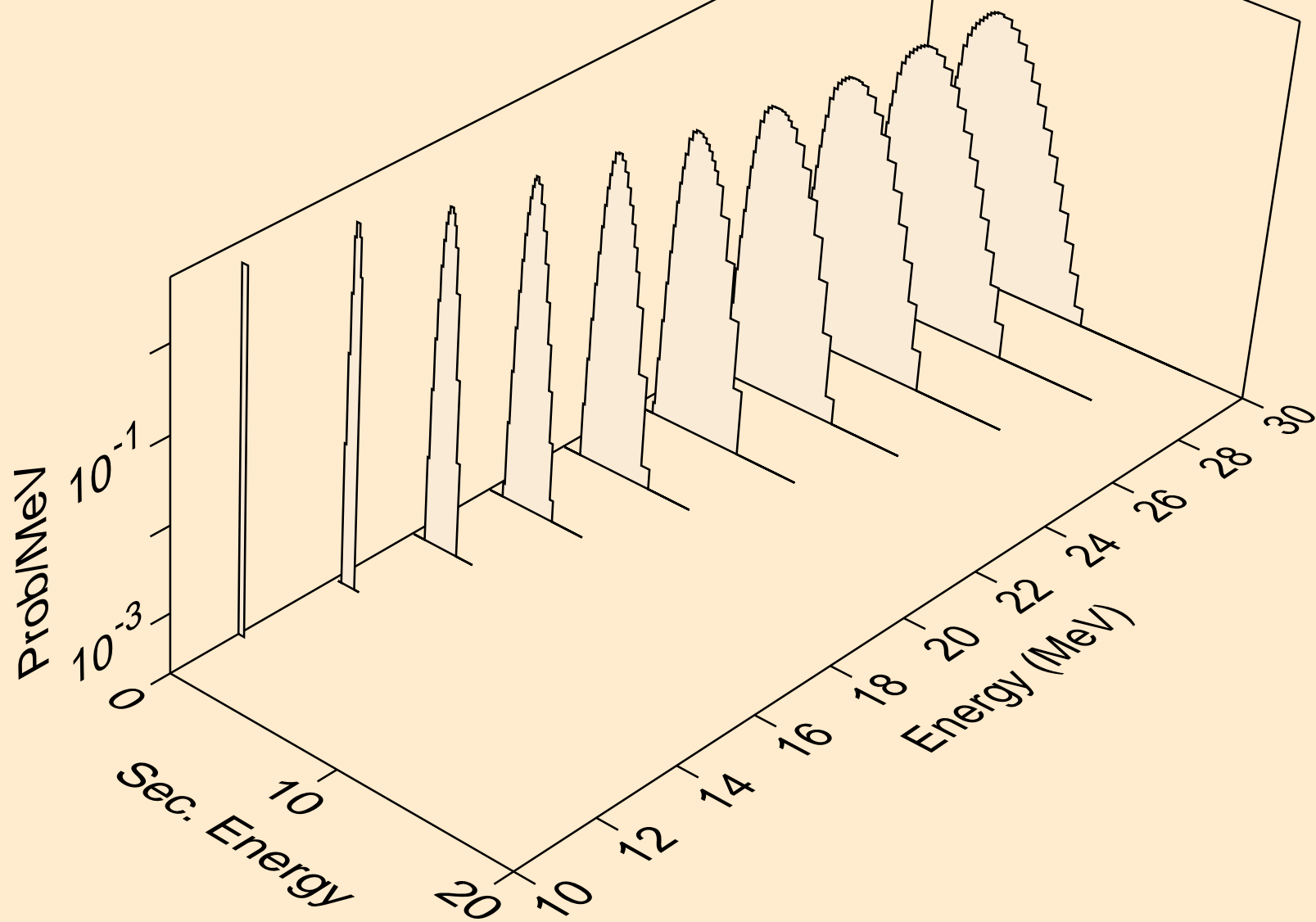


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protons from (n,pd)

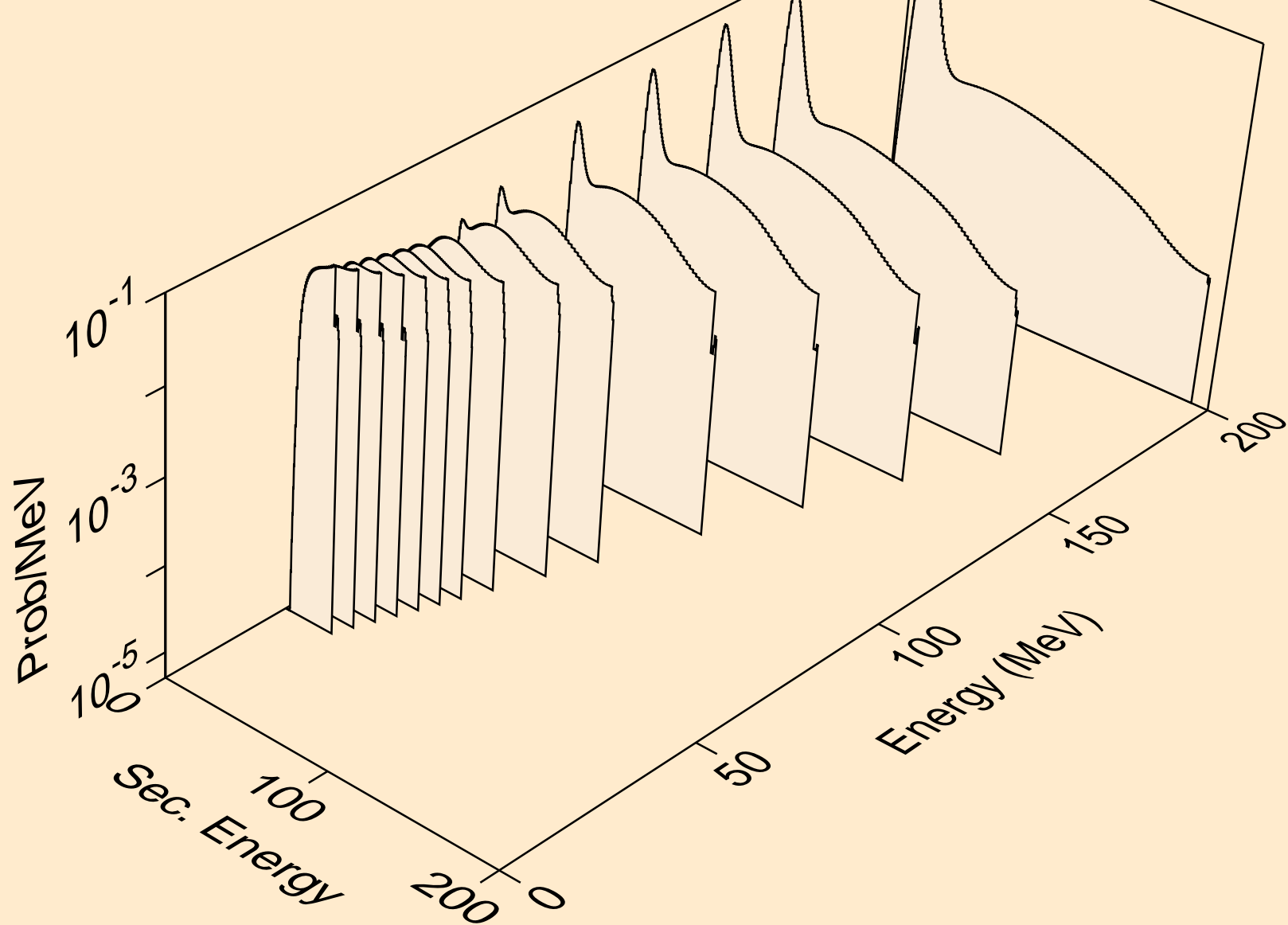




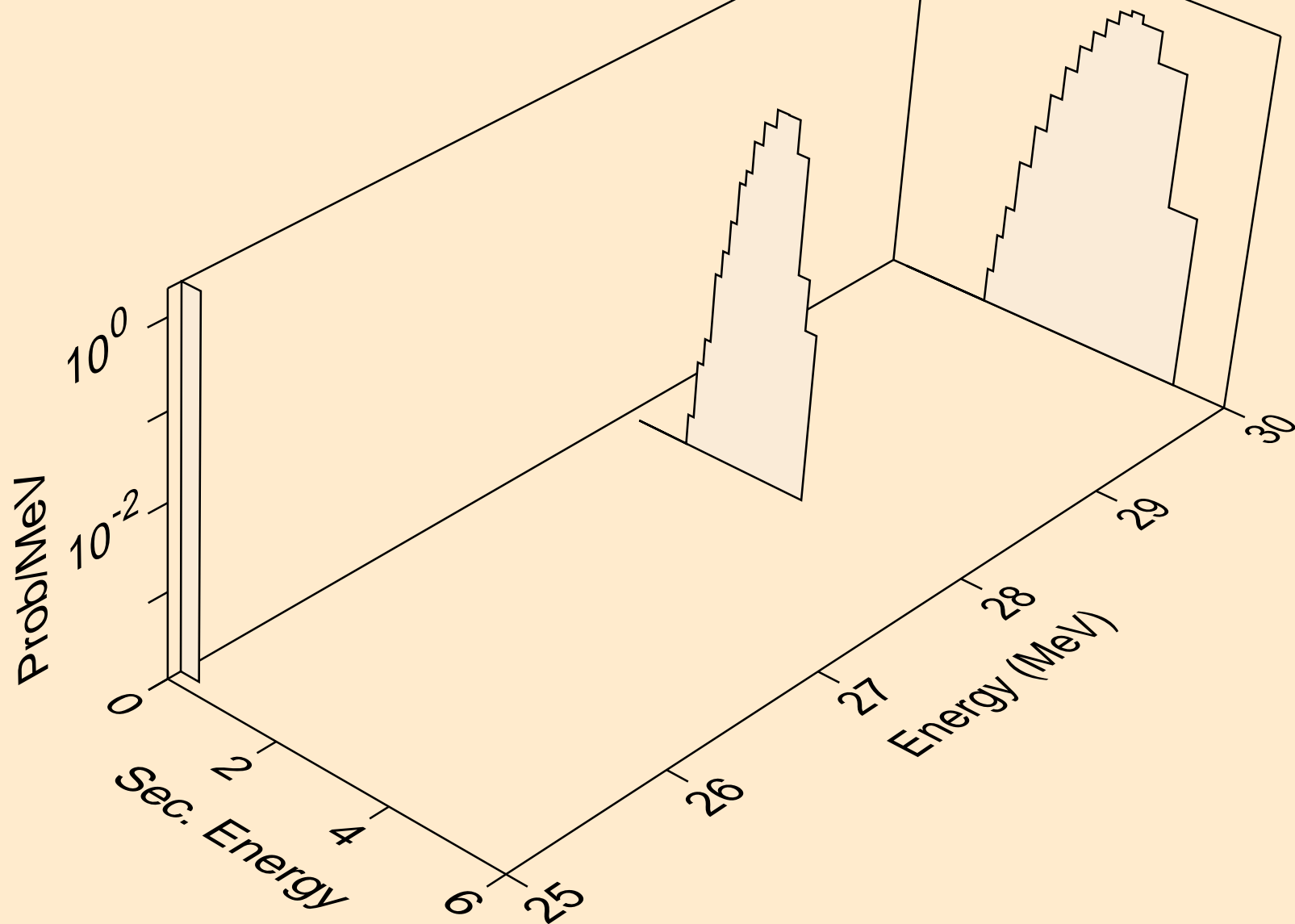
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protons from (n,pt)



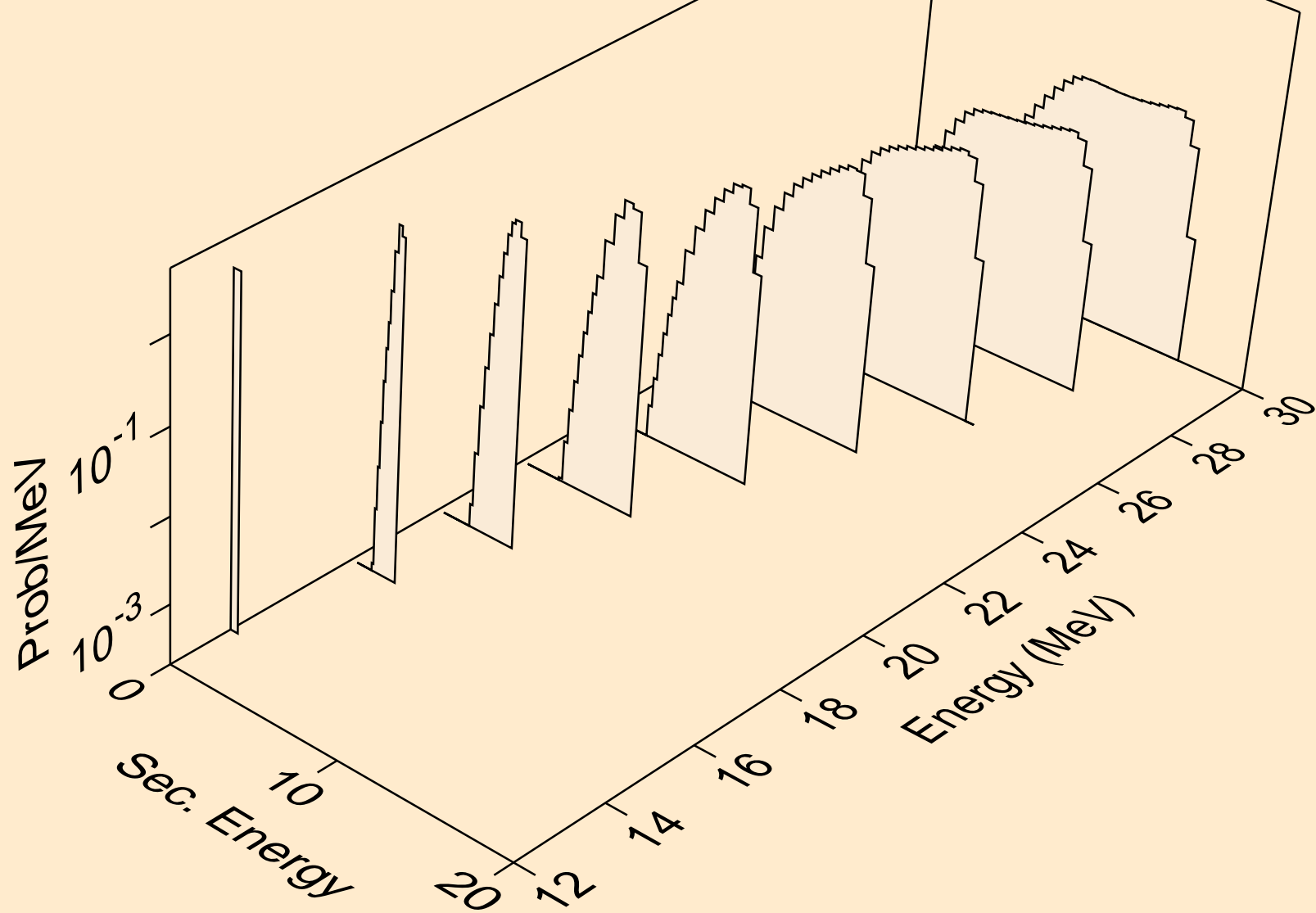
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deuterons from (n,x)



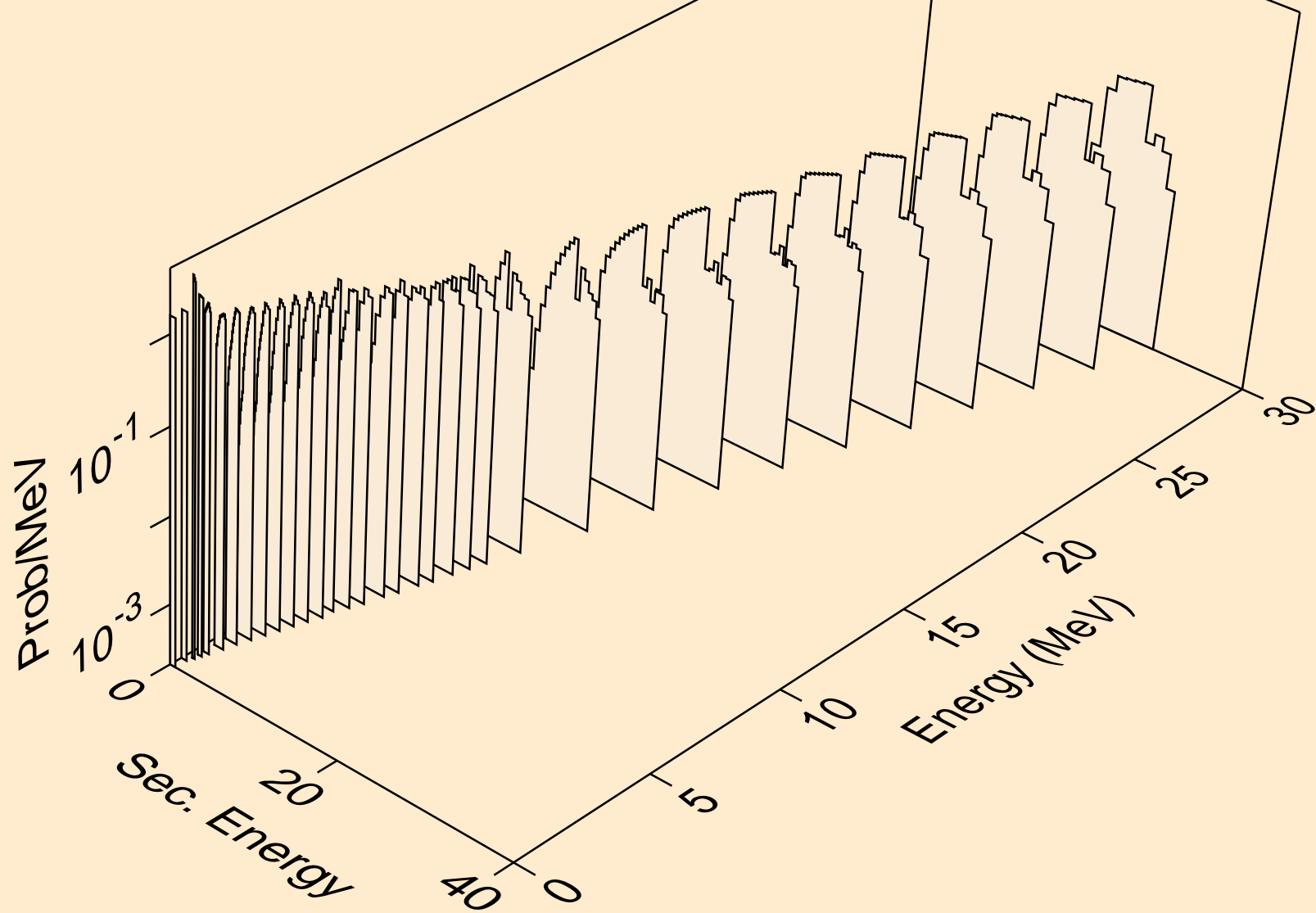
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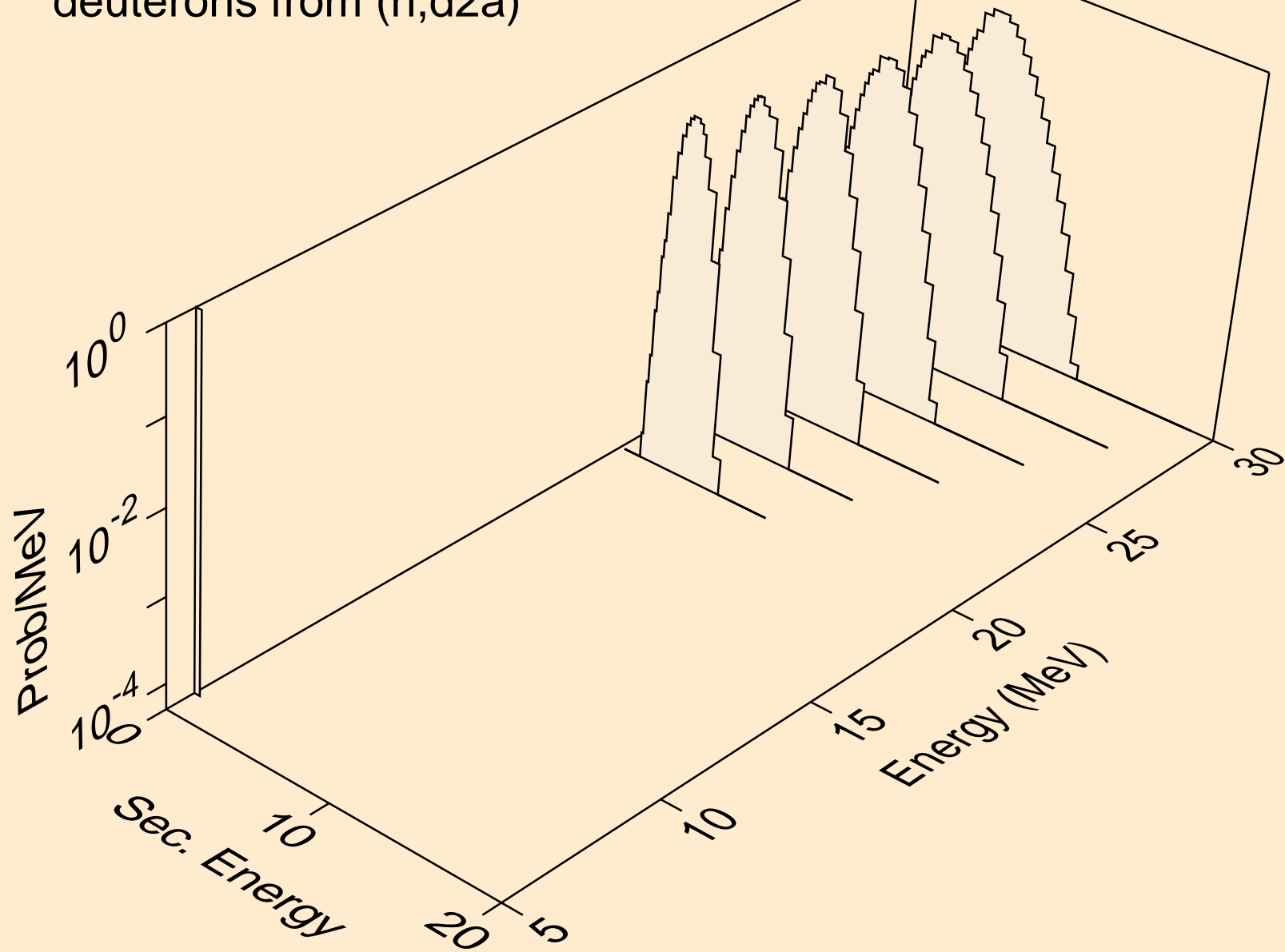
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deuterons from (n,n\*)d



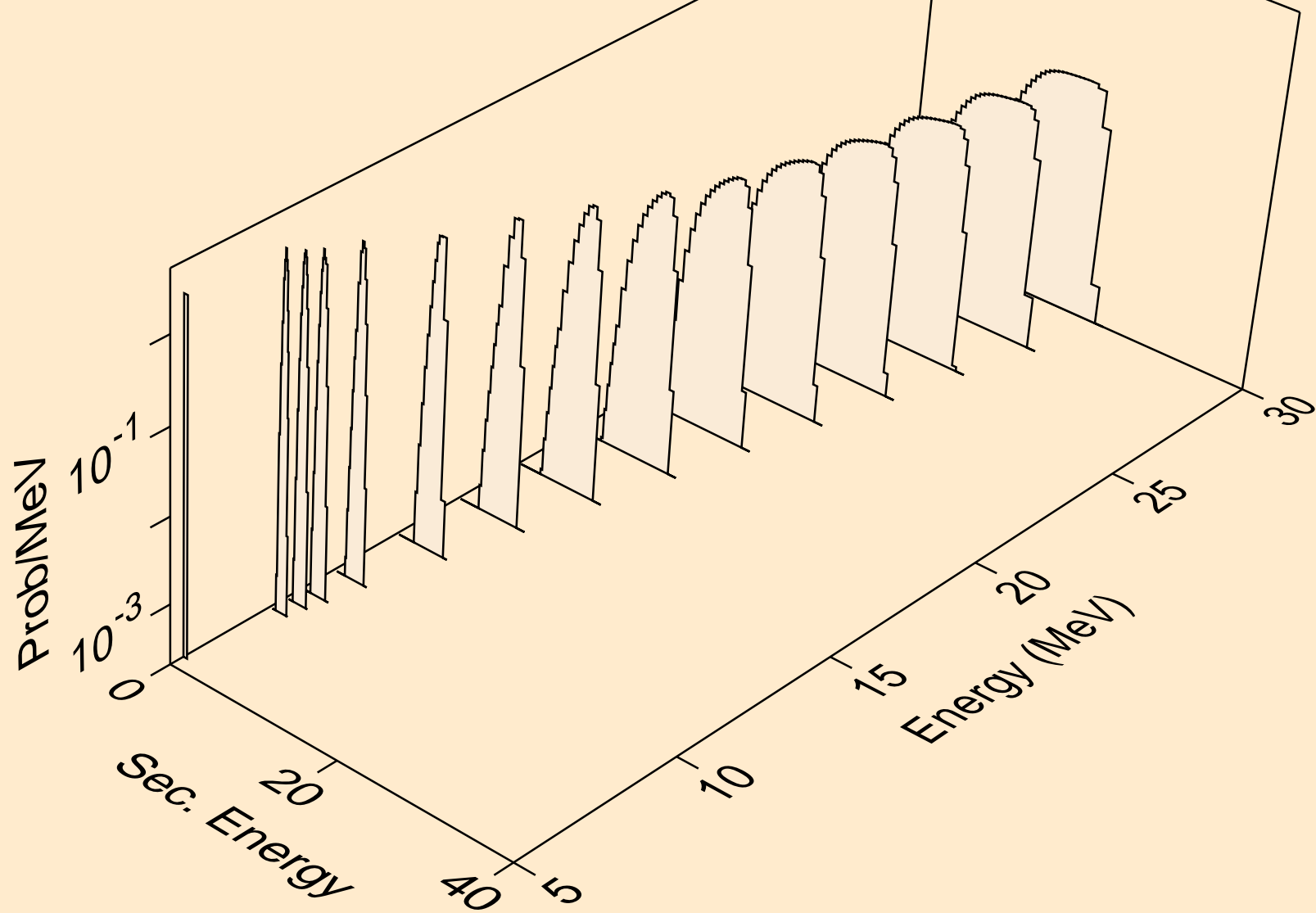
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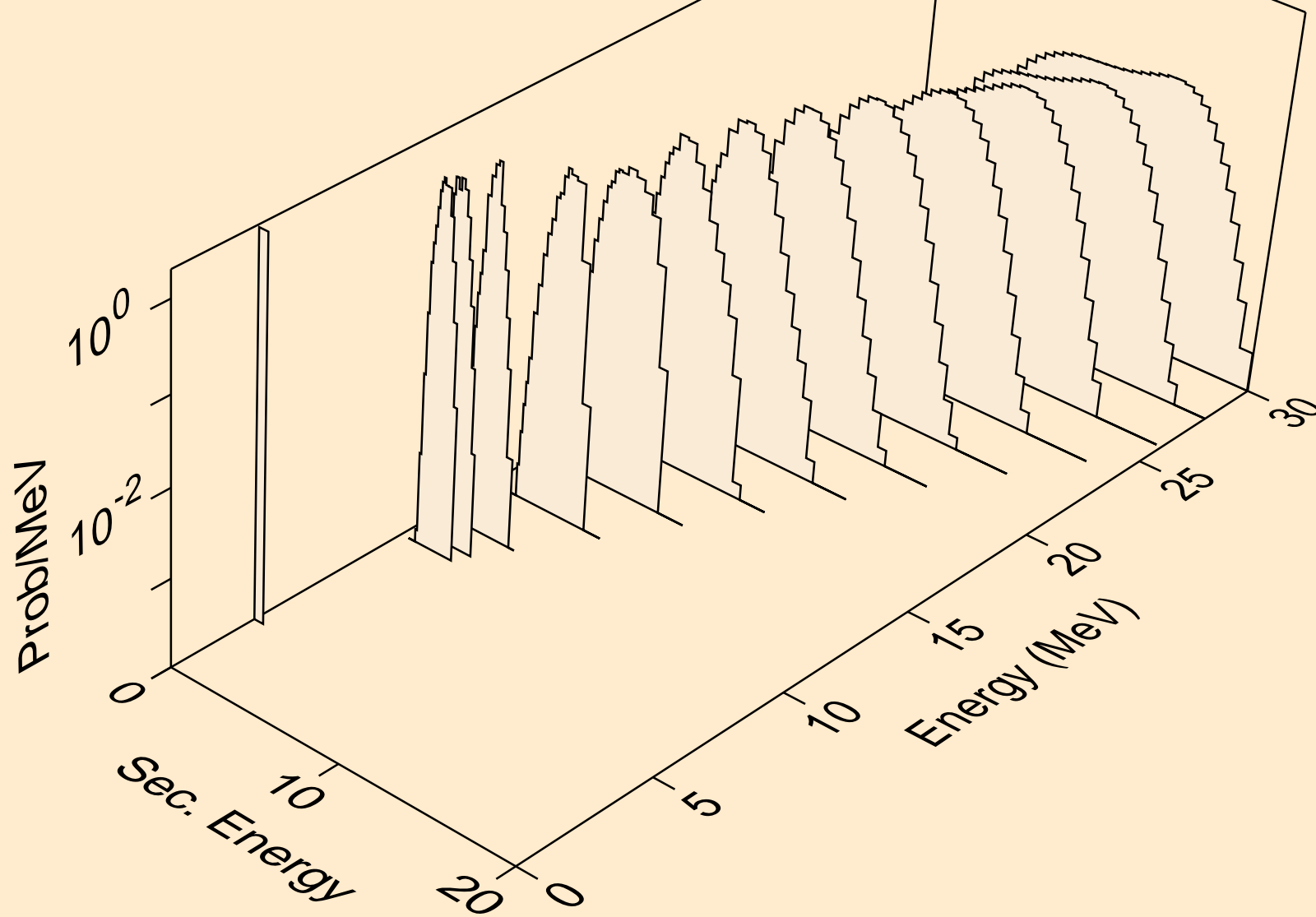
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d2a)



Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)

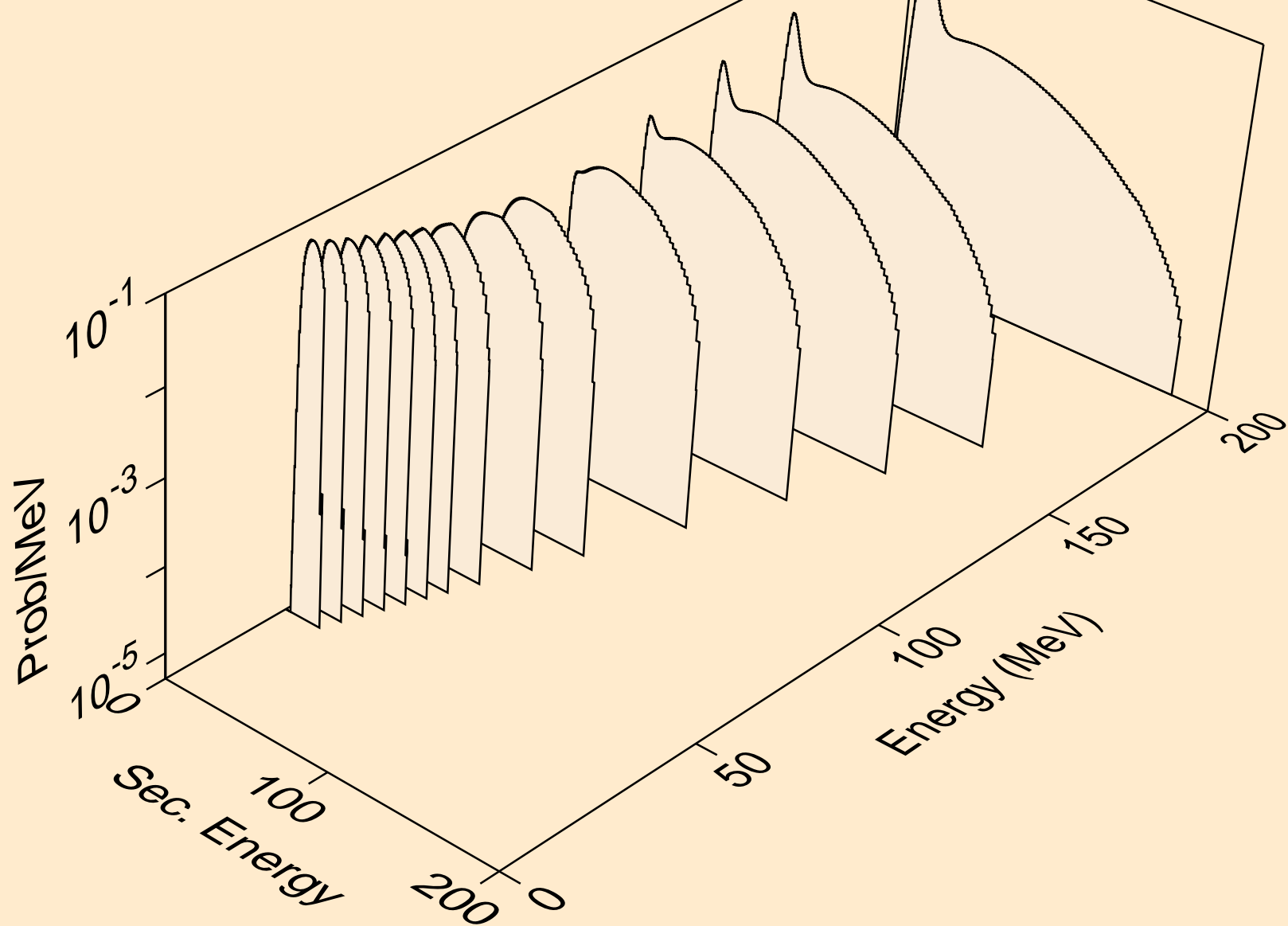


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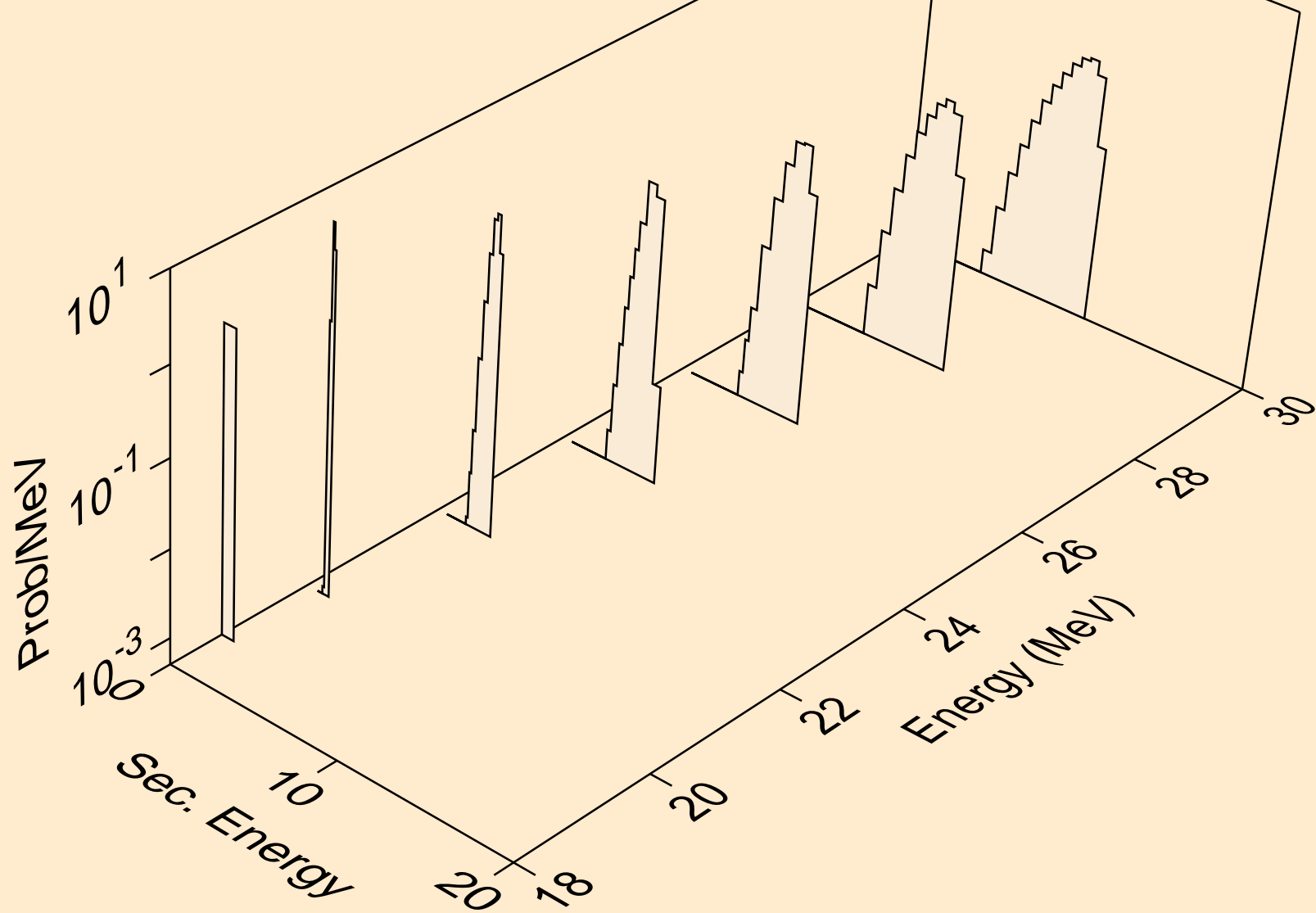




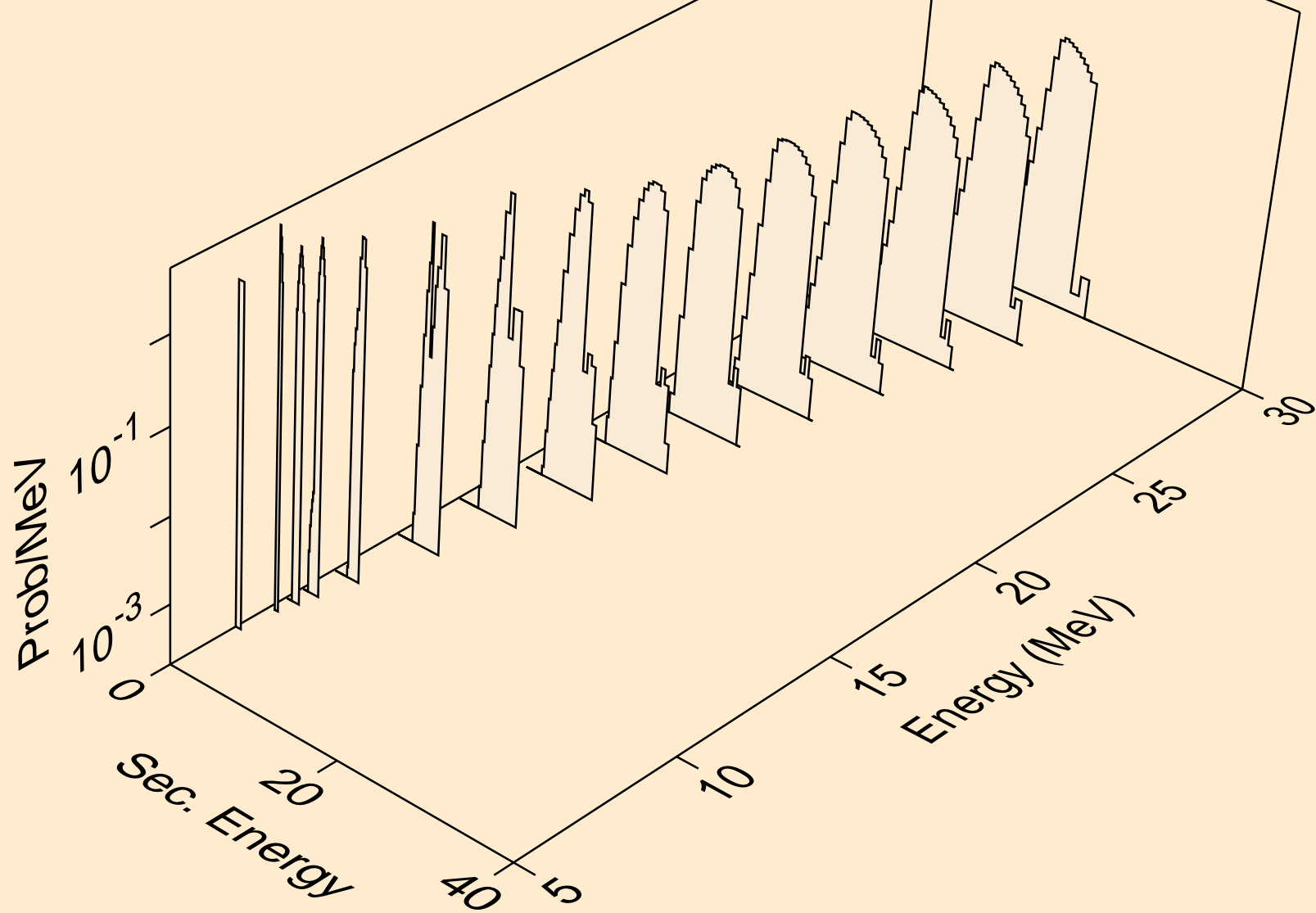
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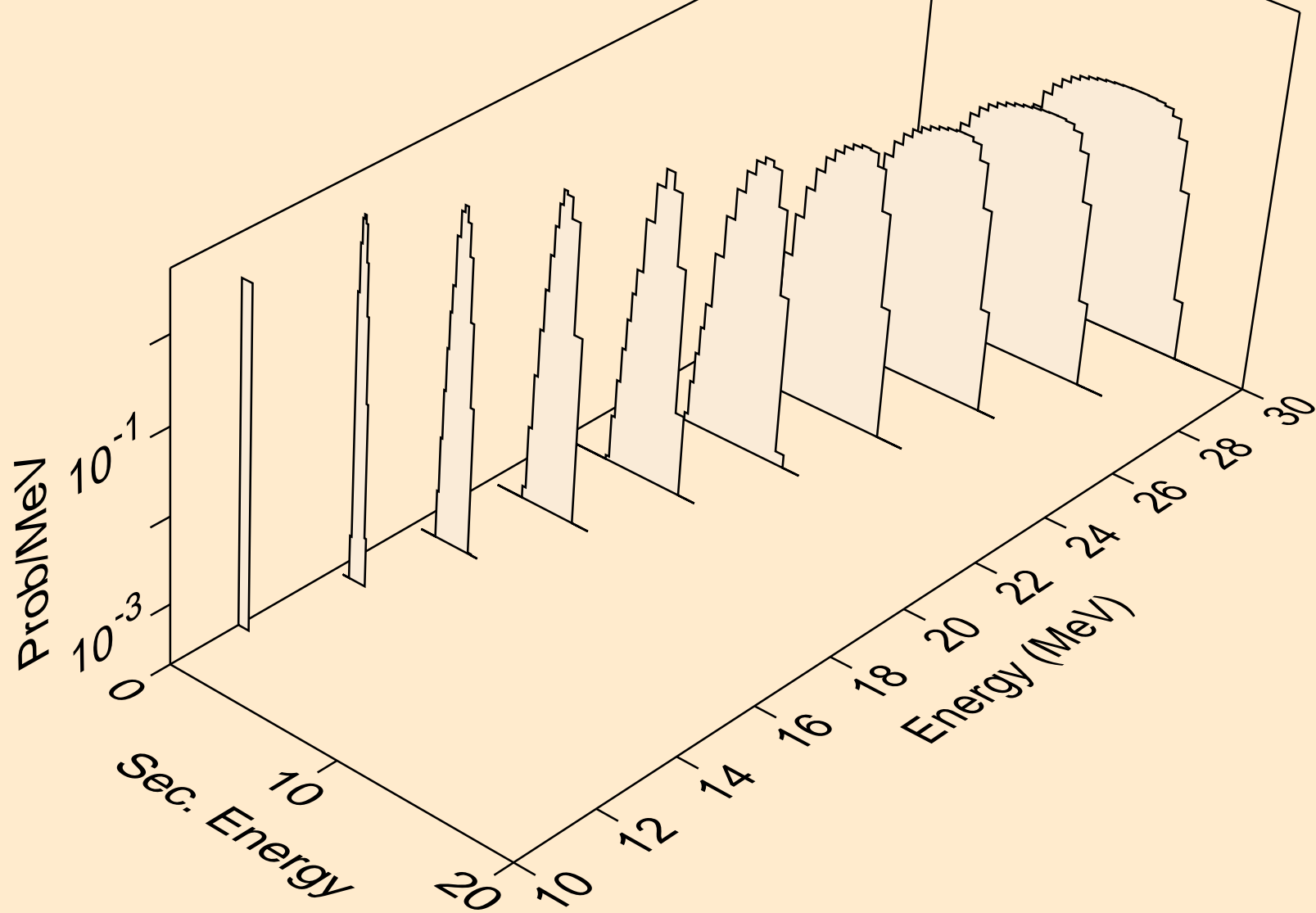
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tritons from (n,n\*)t



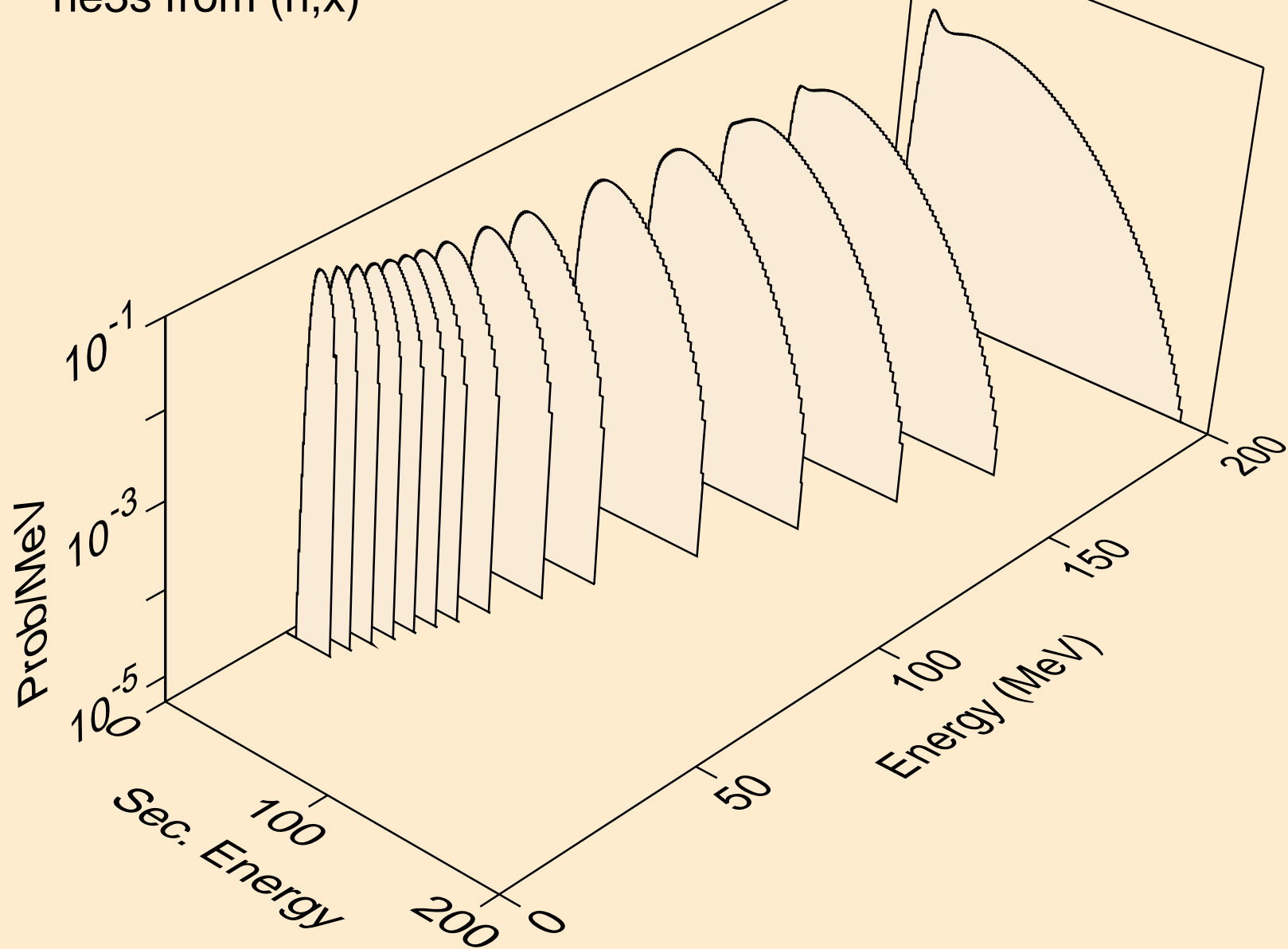
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tritons from (n,t)



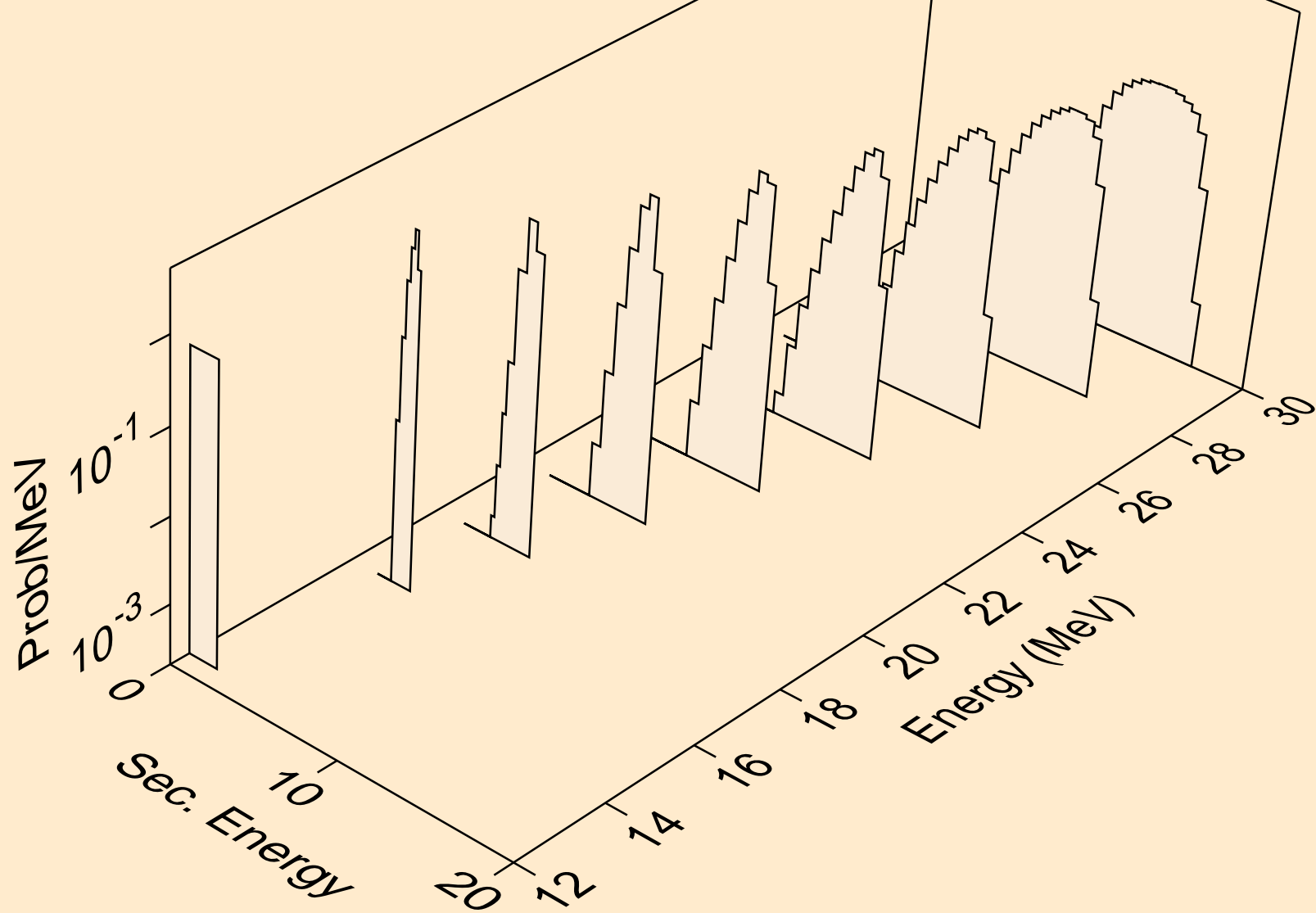
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tritons from (n,pt)



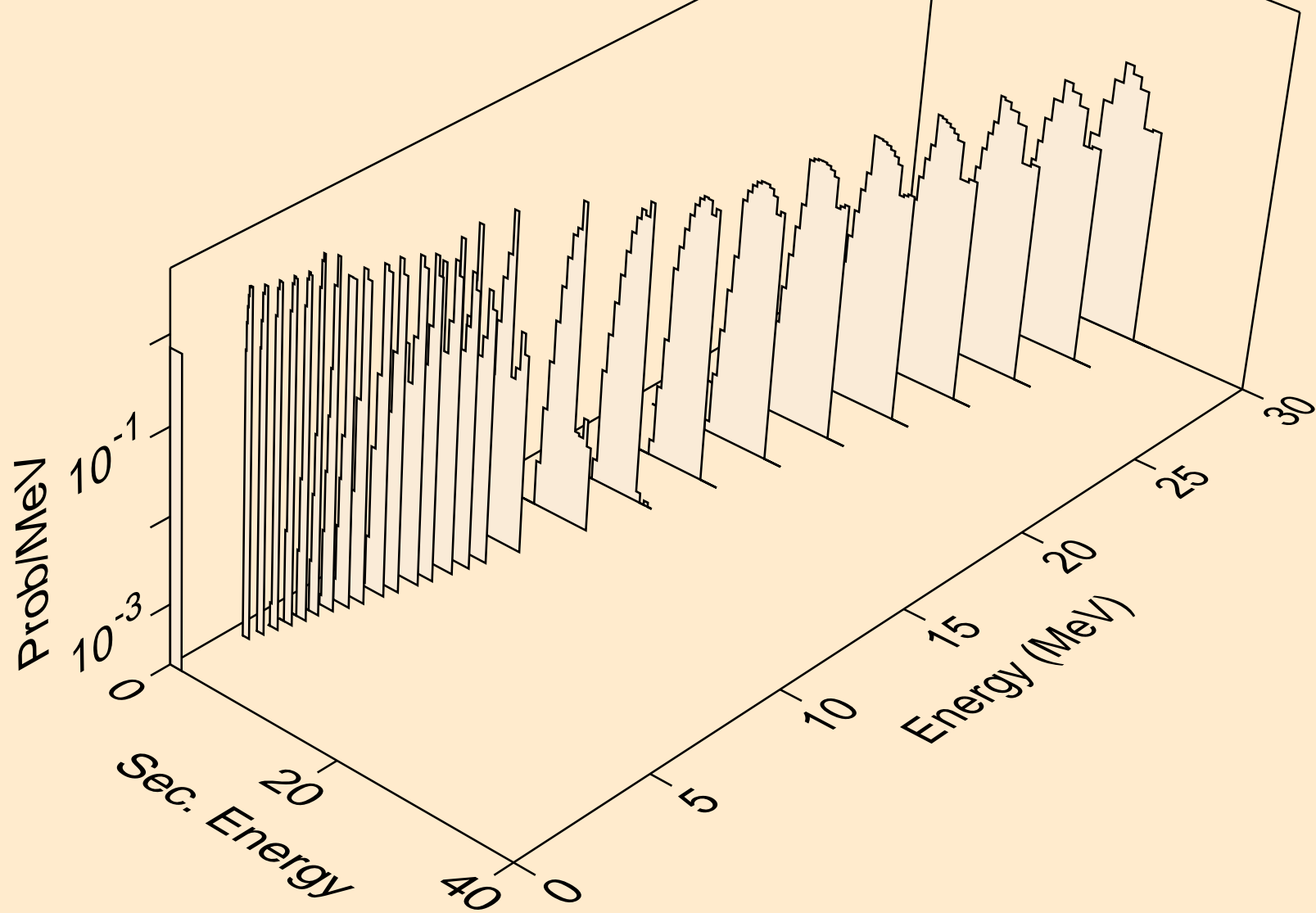
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he3s from (n,x)



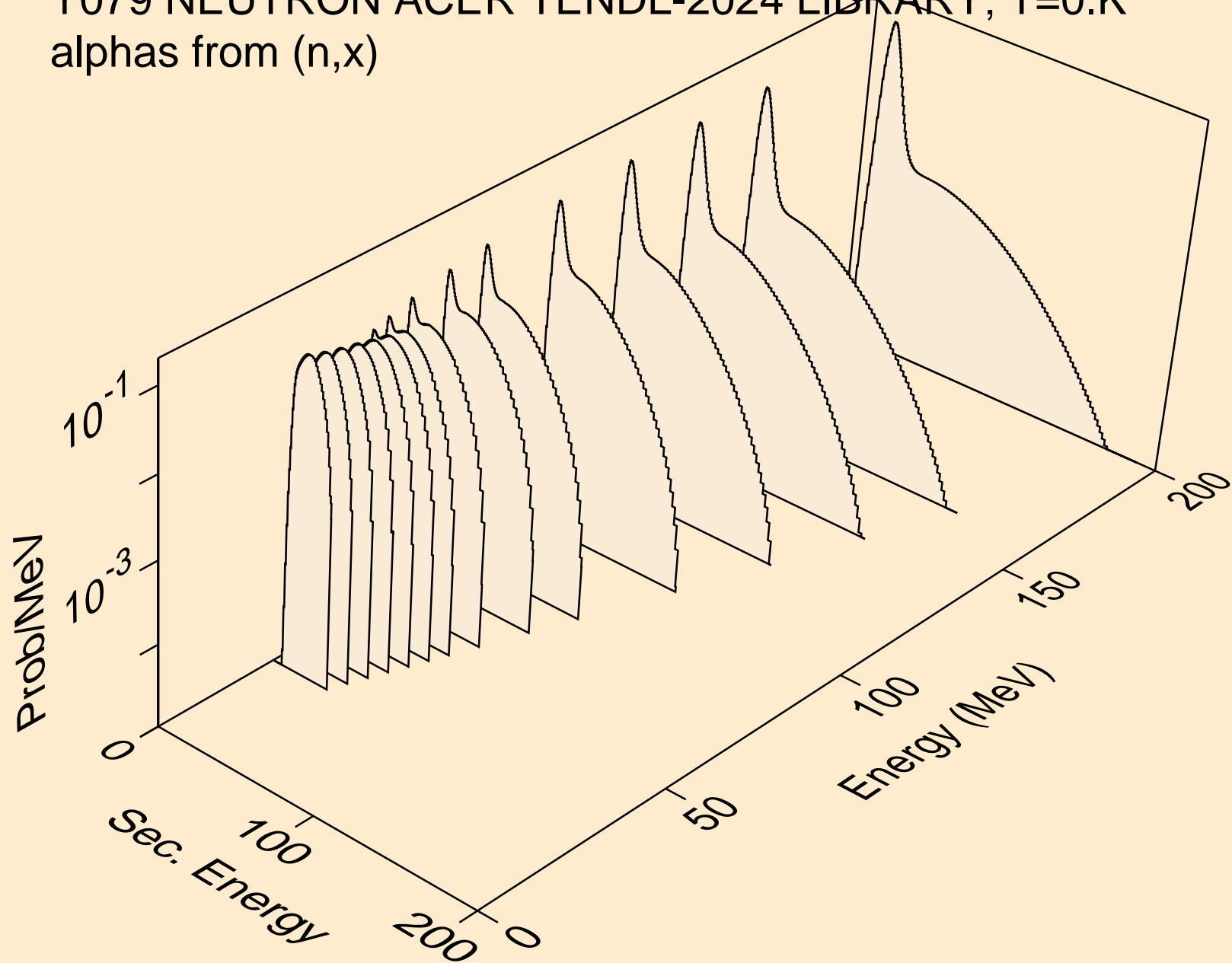
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

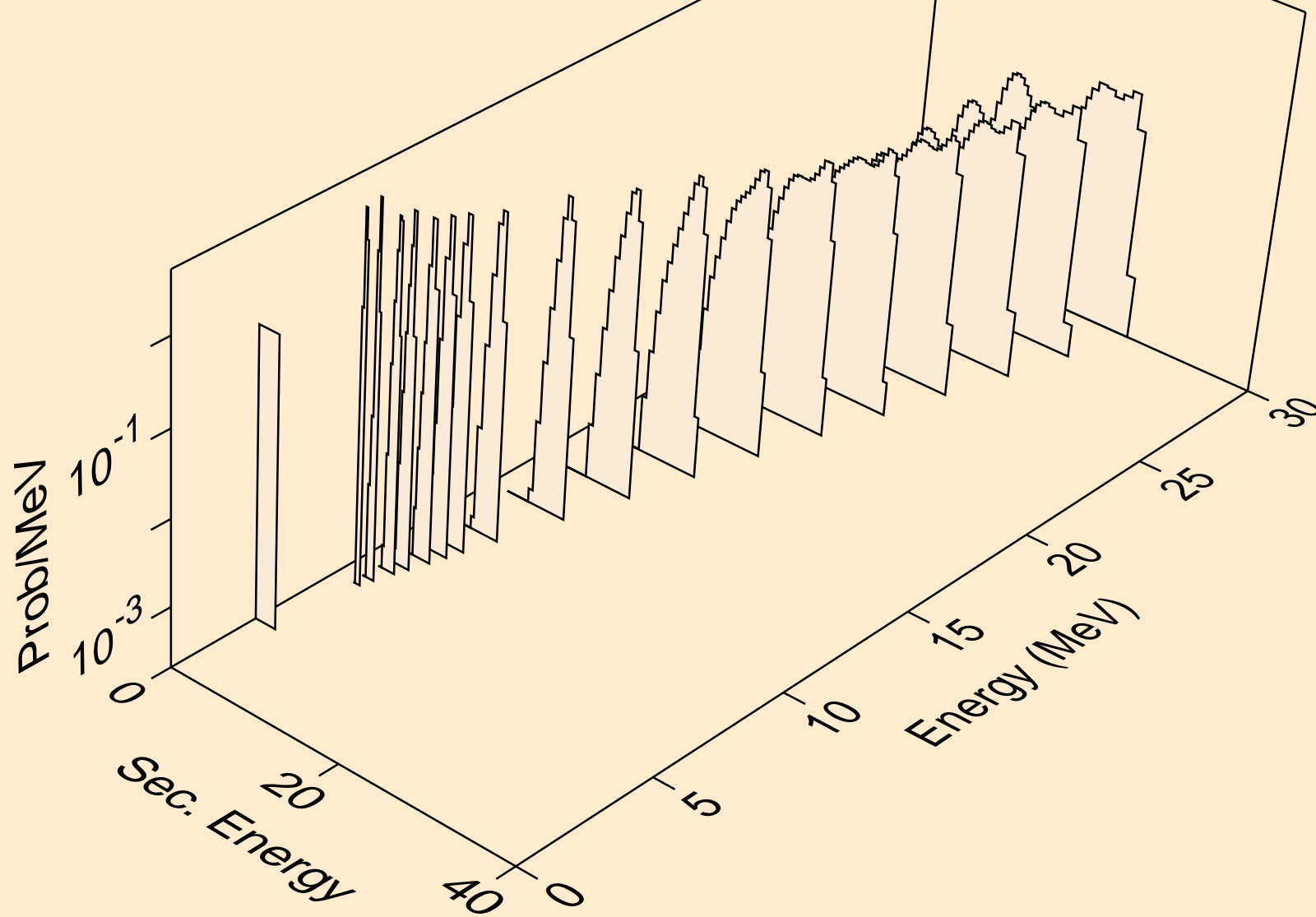


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alphas from (n,x)

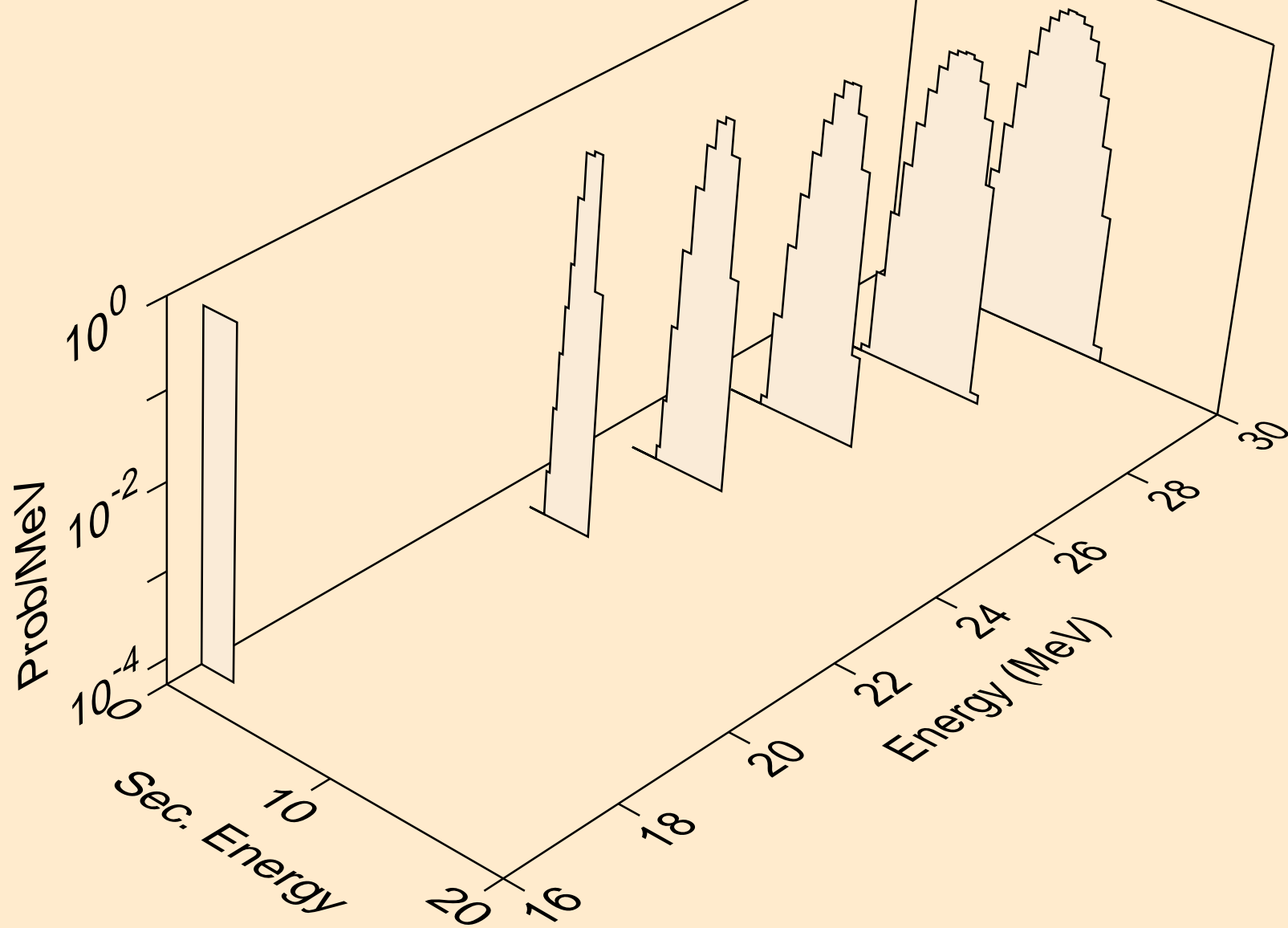




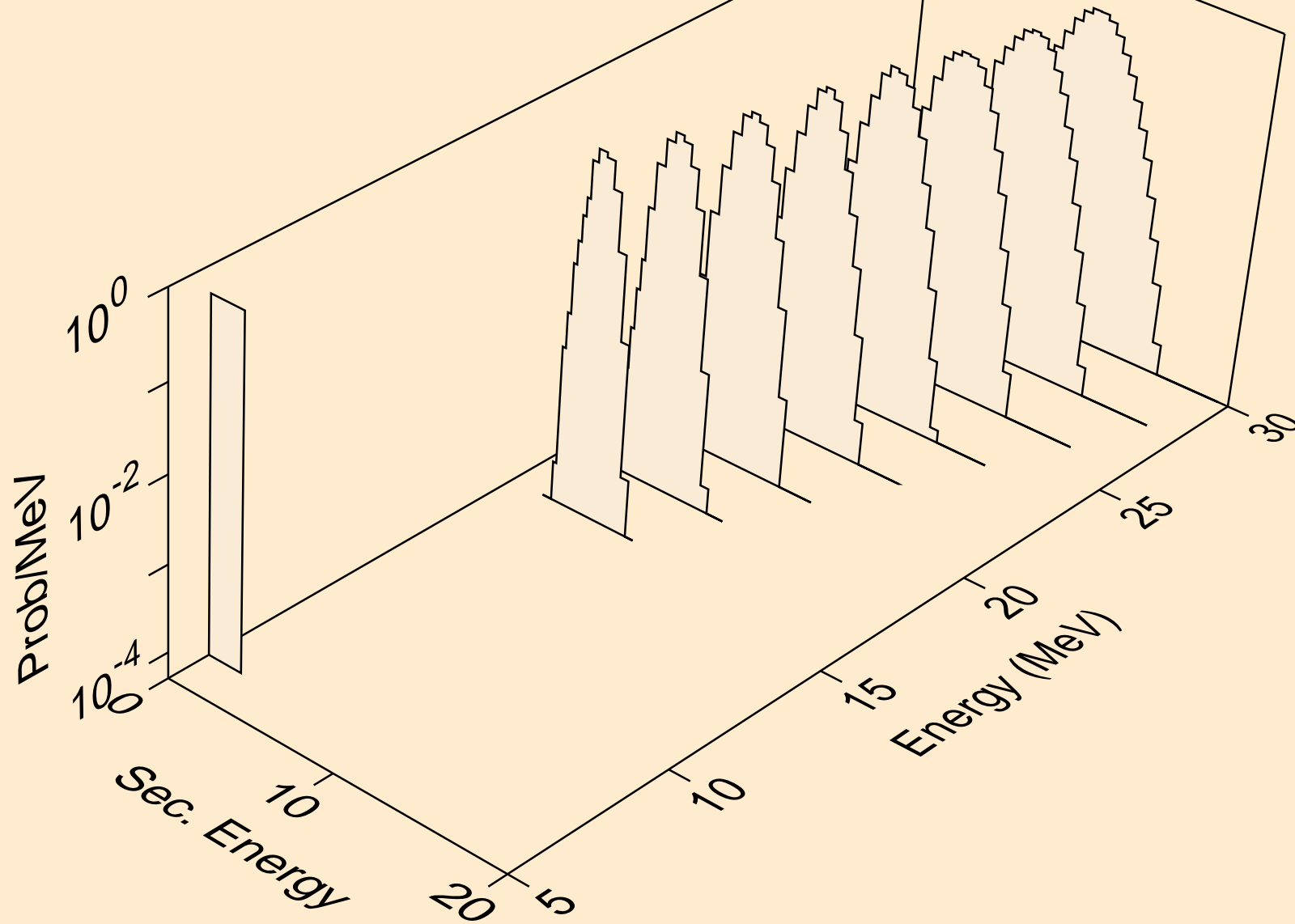
Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



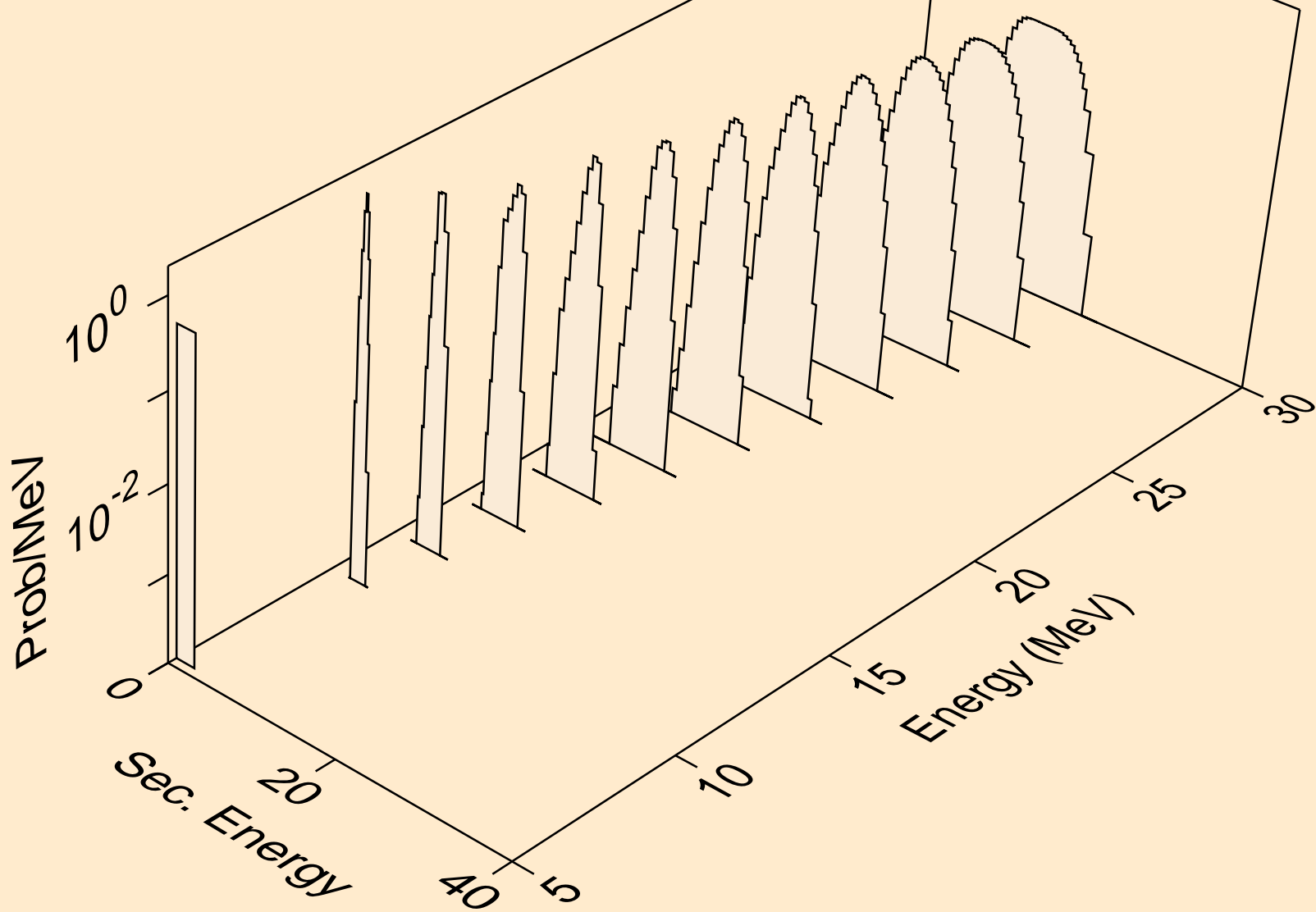
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alphas from (n,2n)a



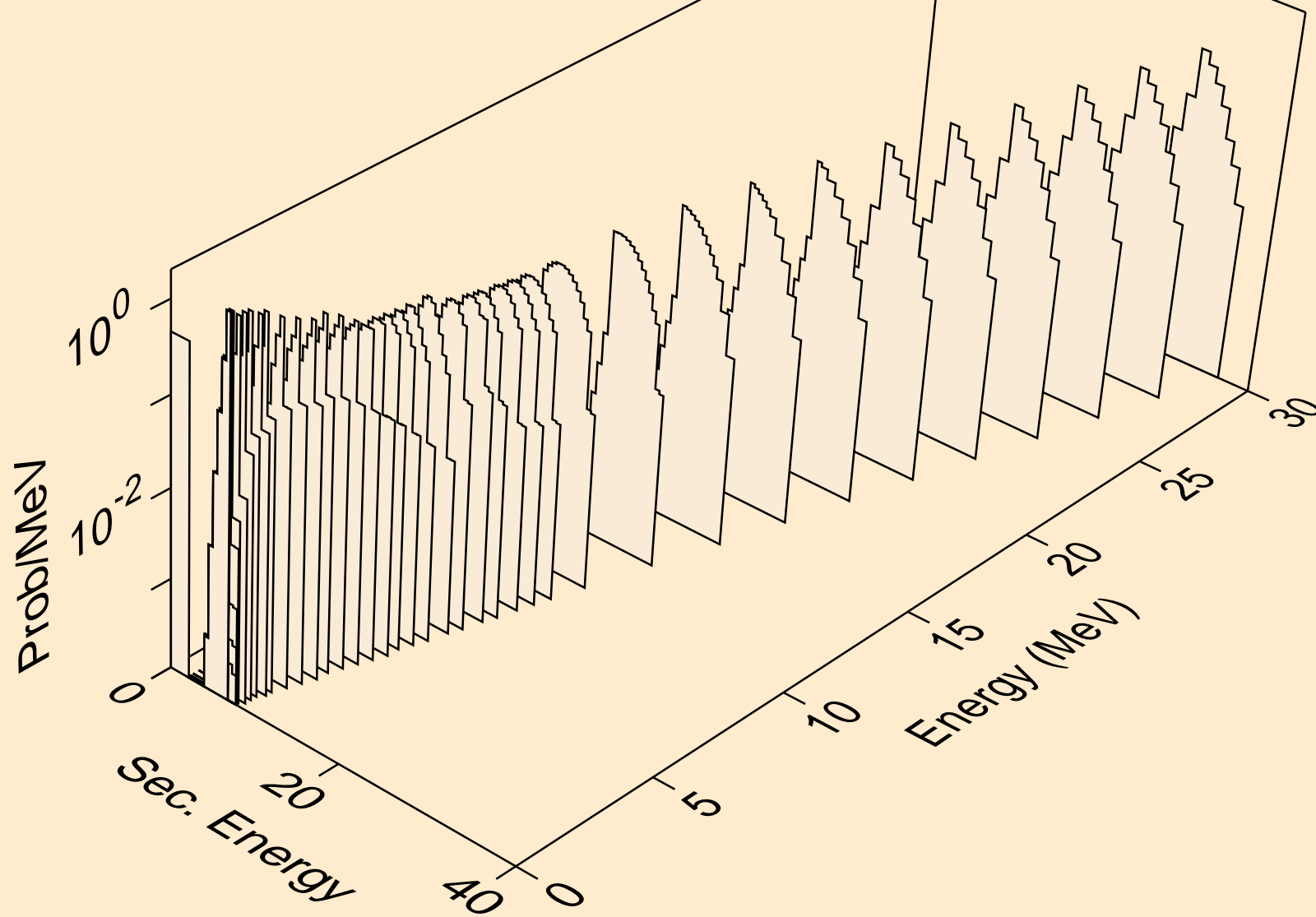
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alphas from (n,n\*)2a



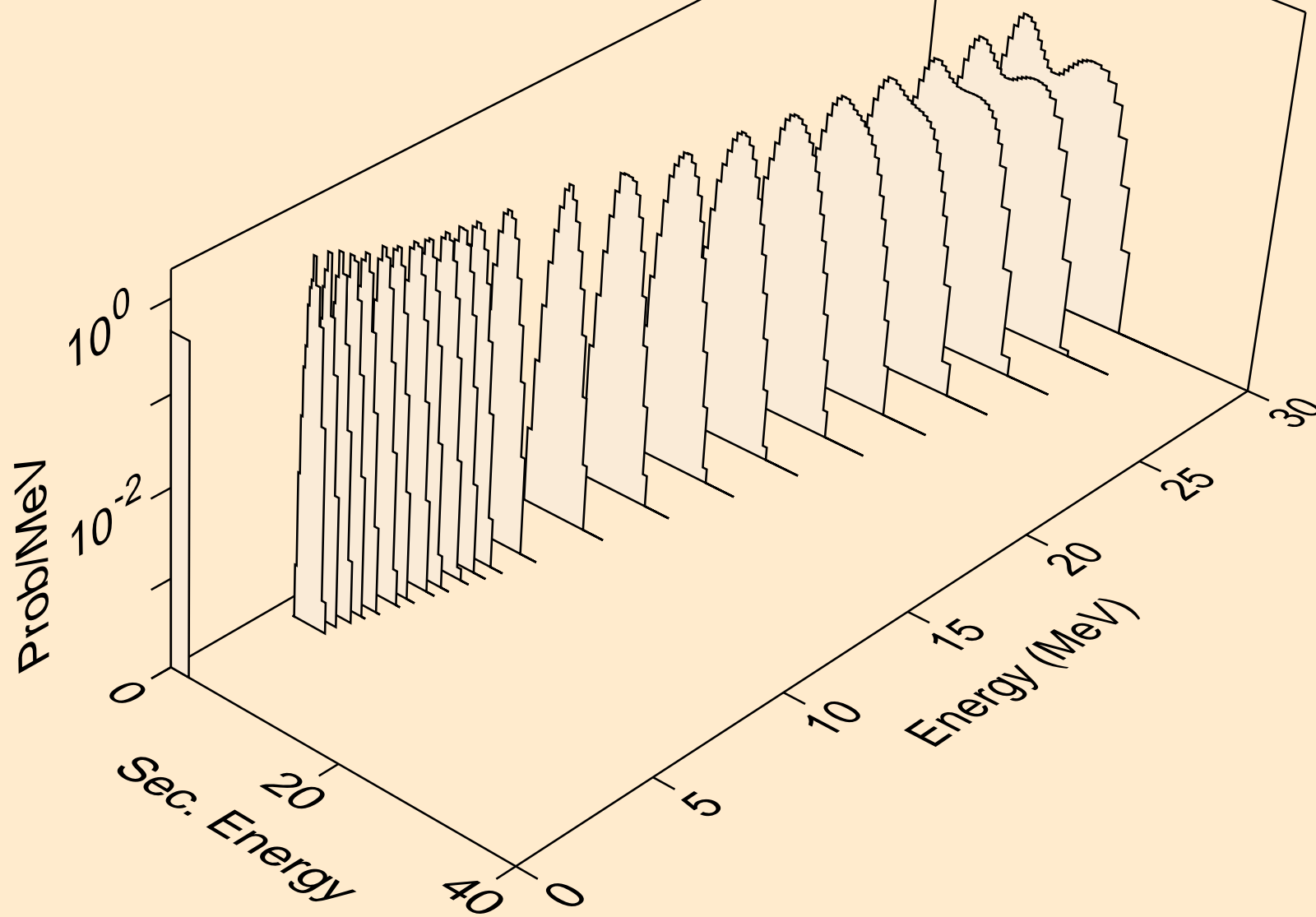
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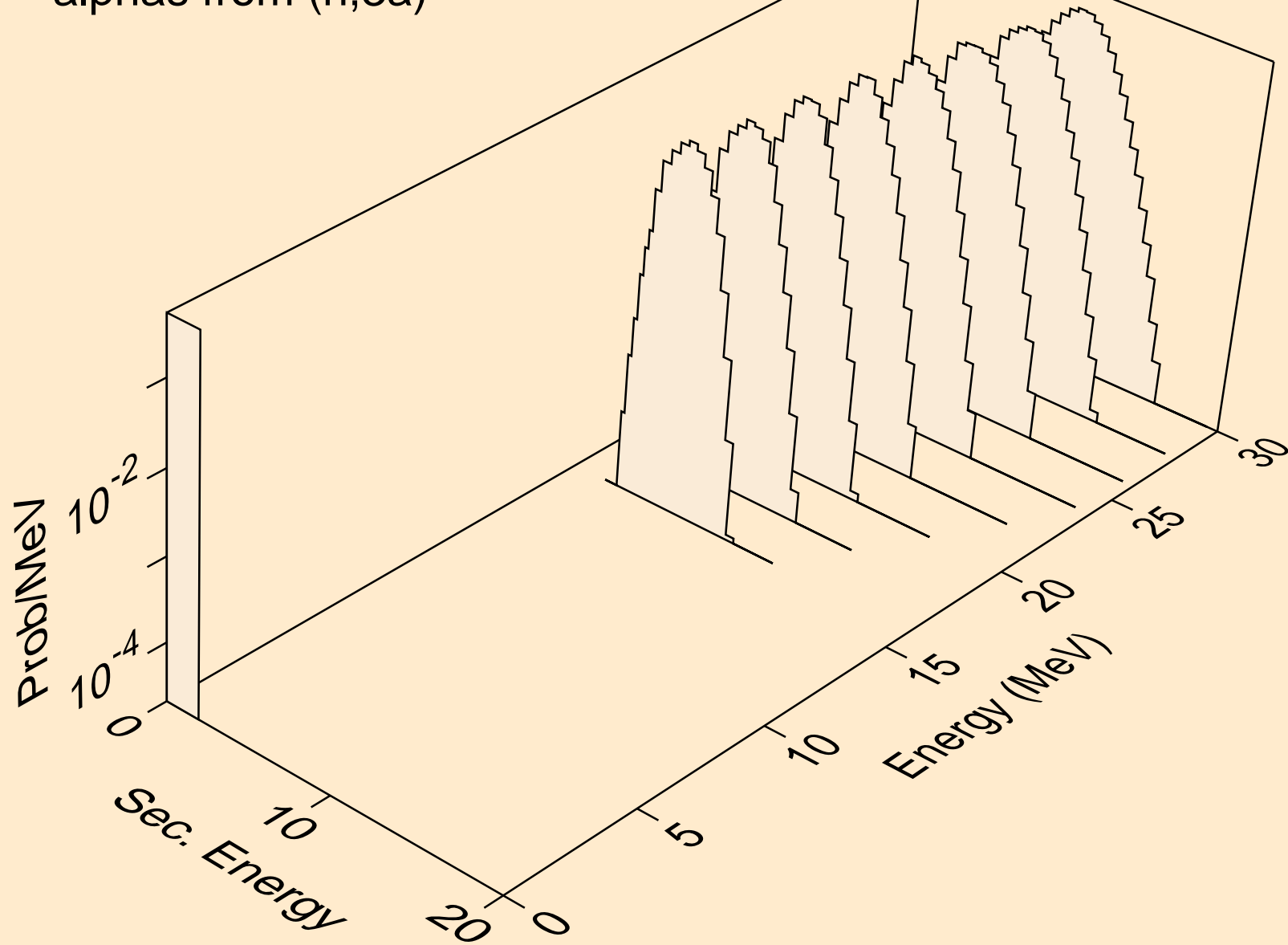
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alphas from (n,a)



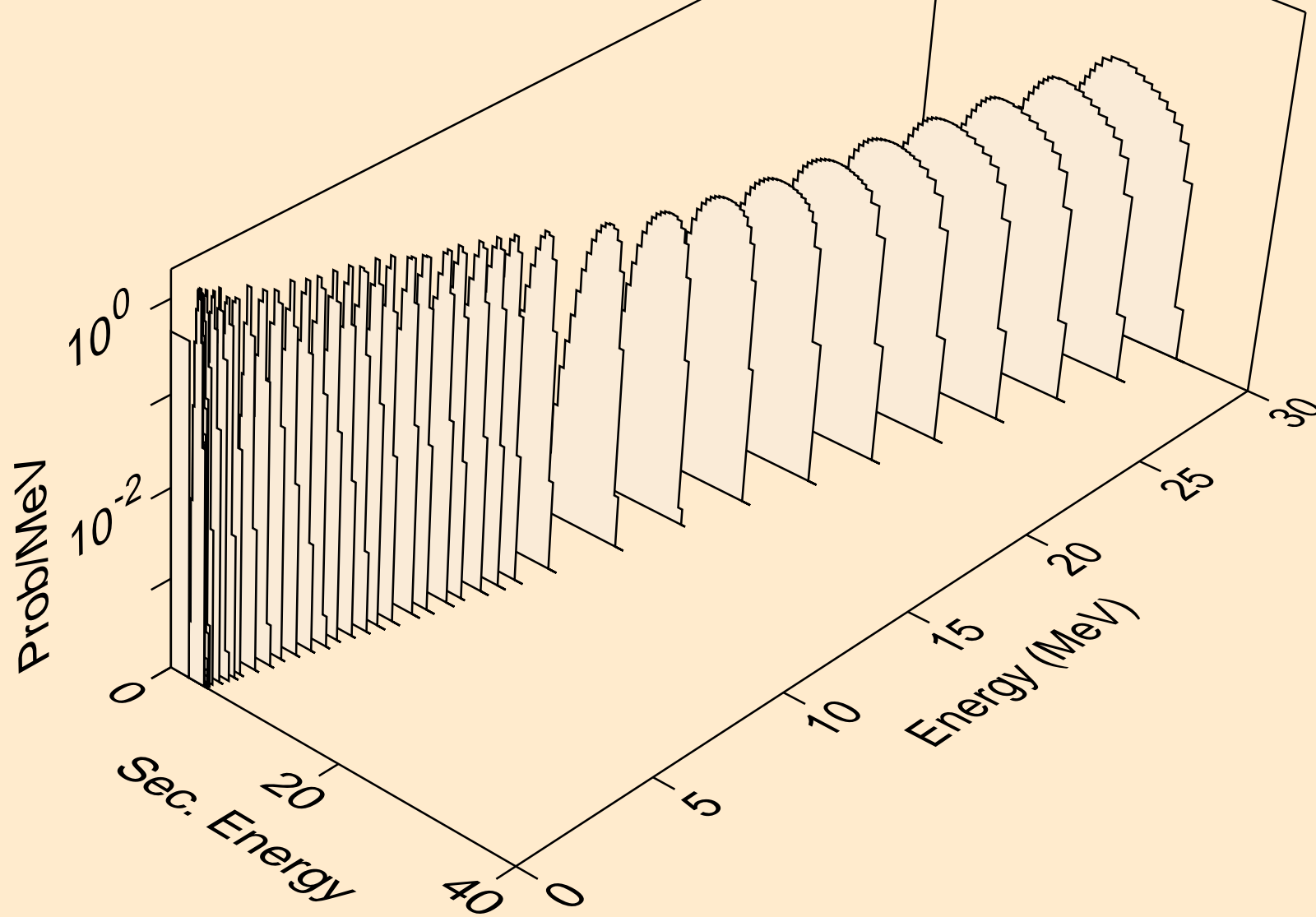
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alphas from (n,2a)



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alphas from (n,3a)

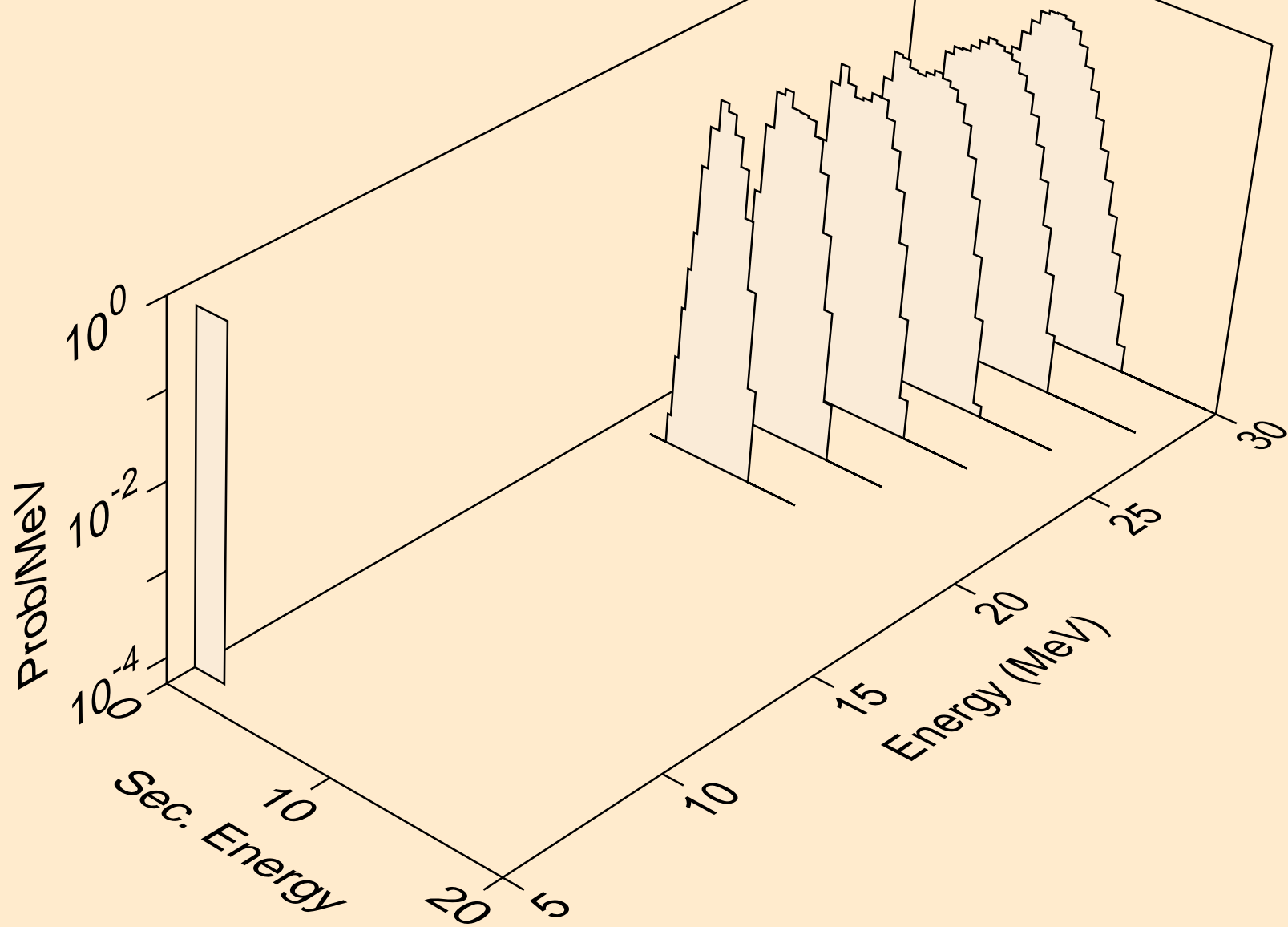


Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)





Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,d2a)



Y079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

