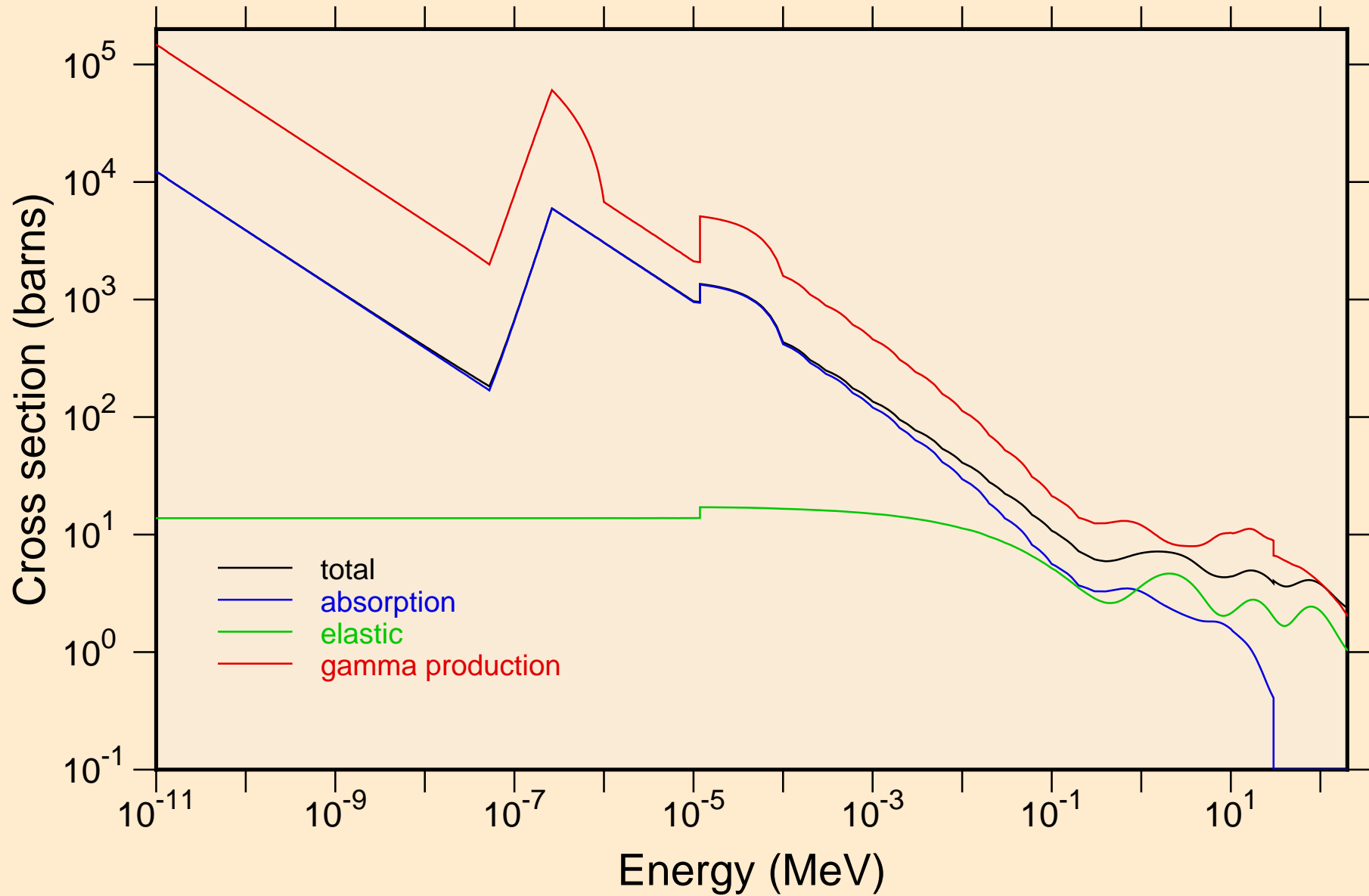


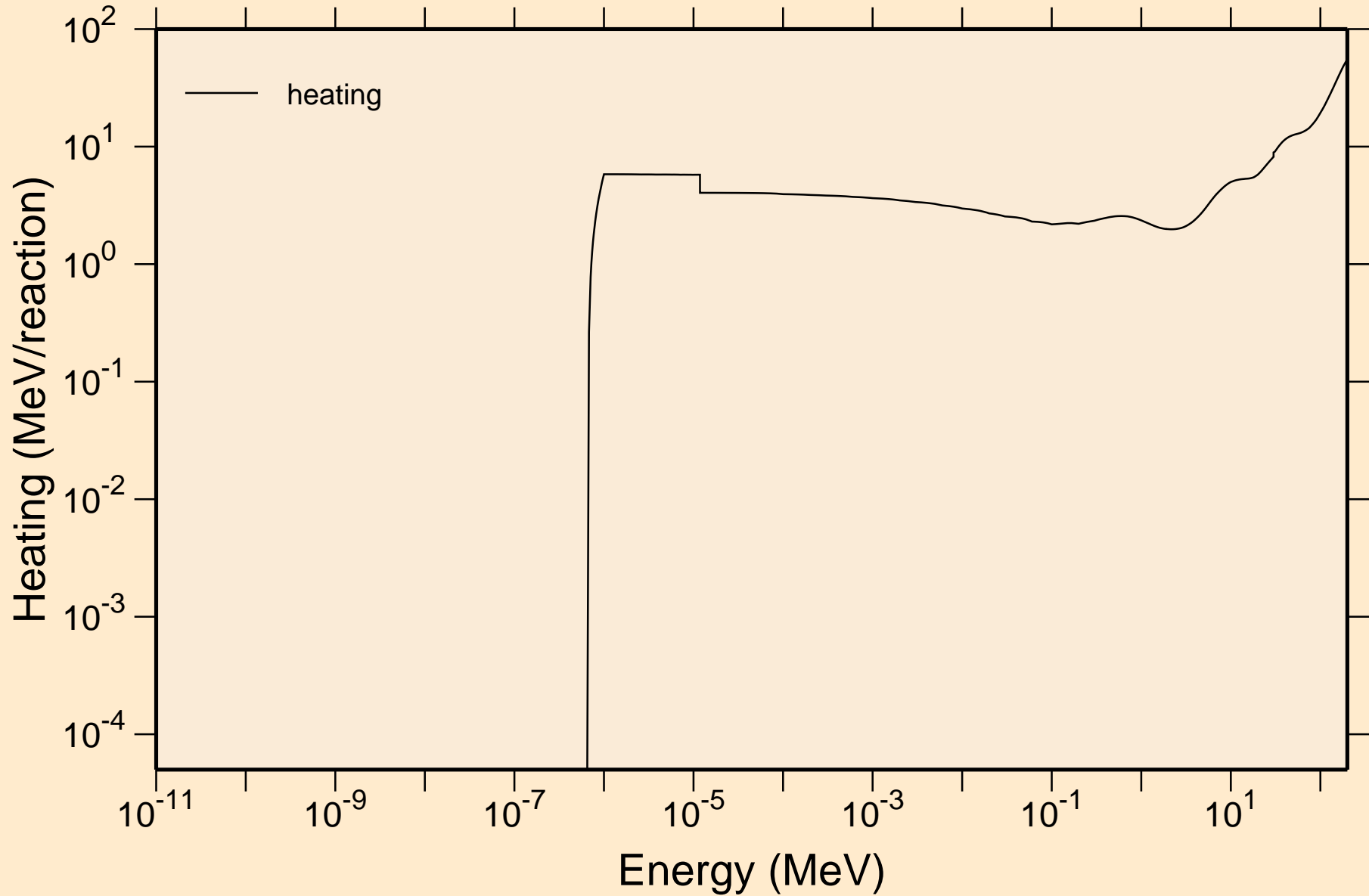
# ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



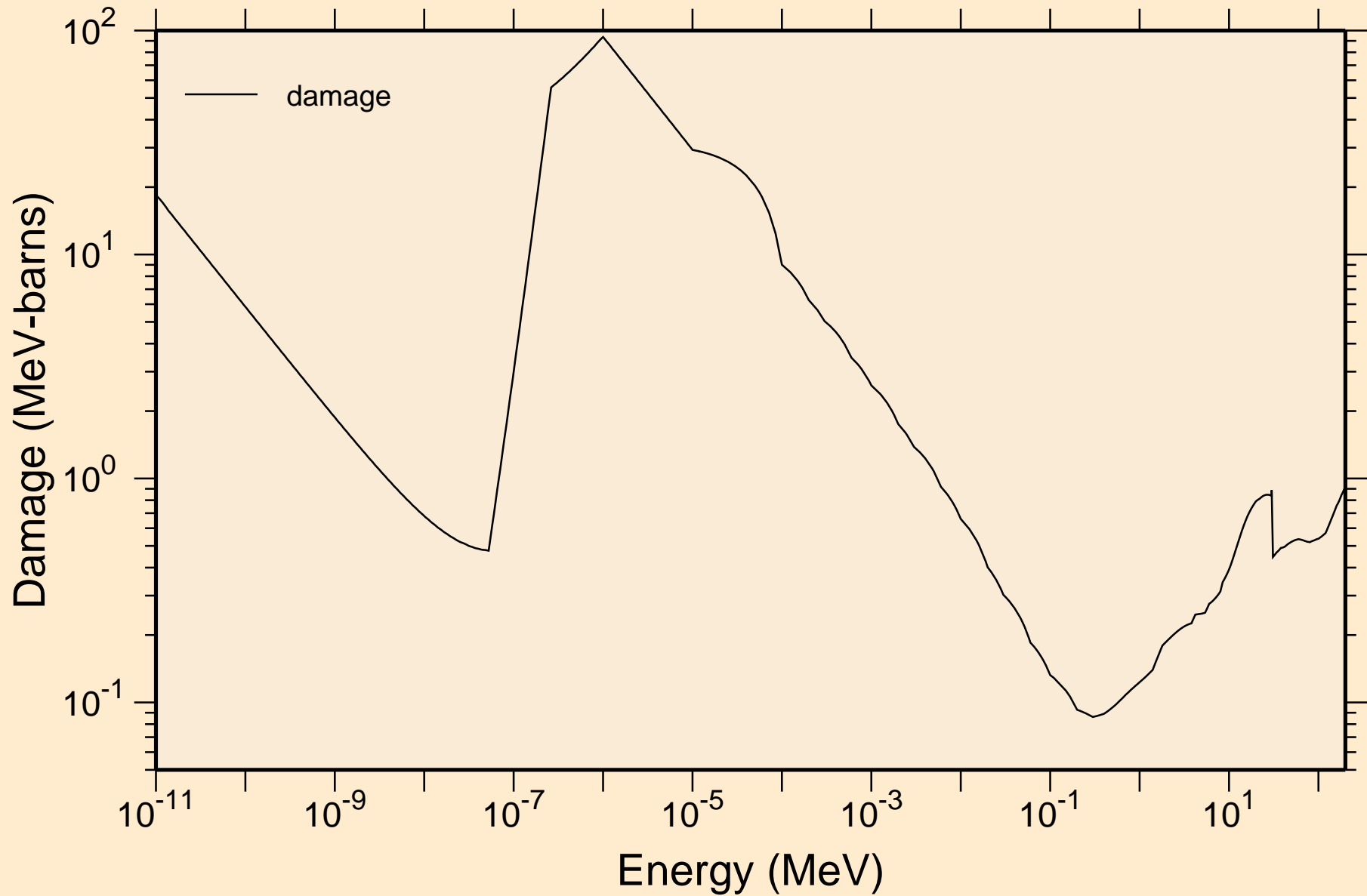
# ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



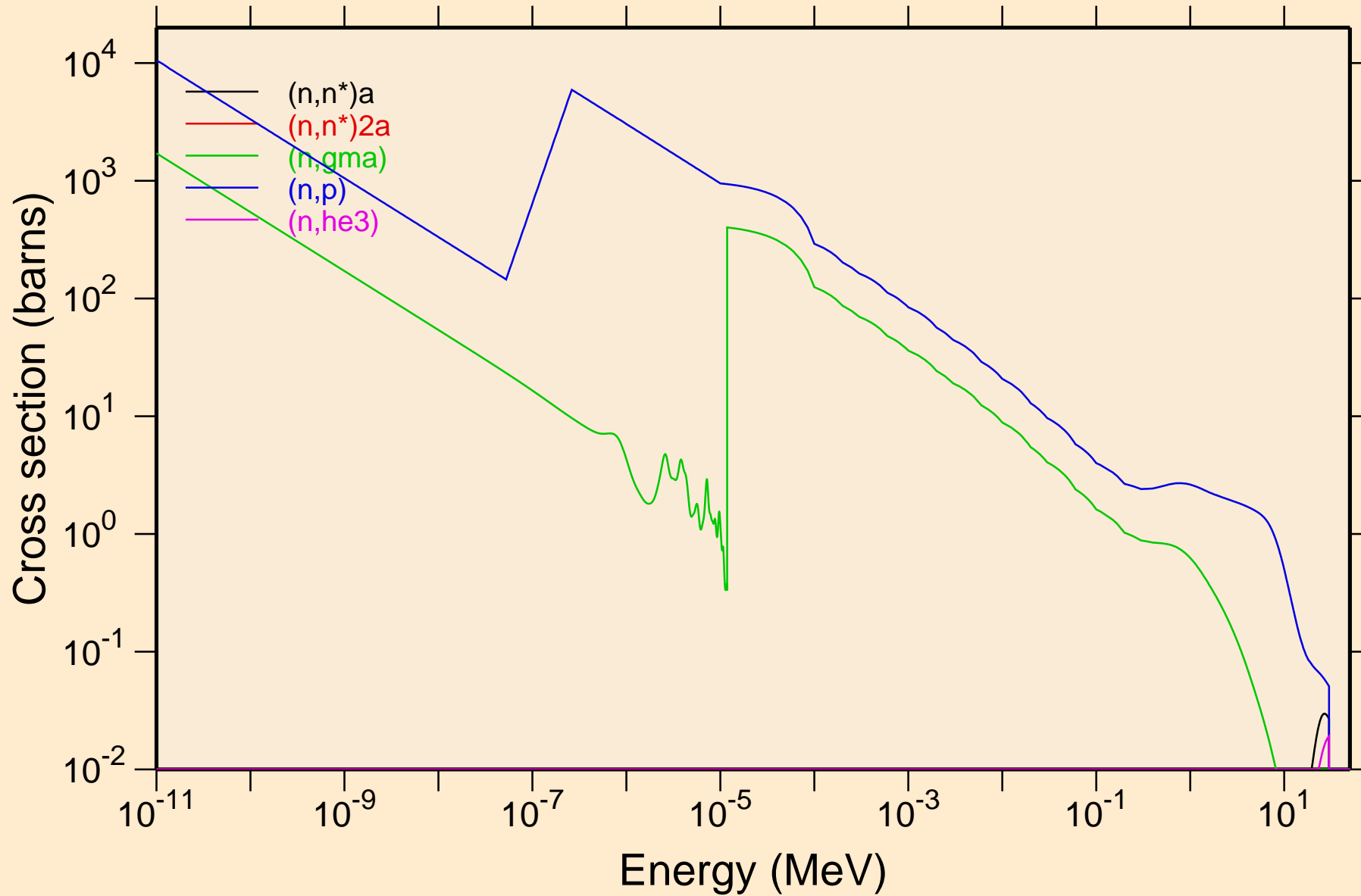
# ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

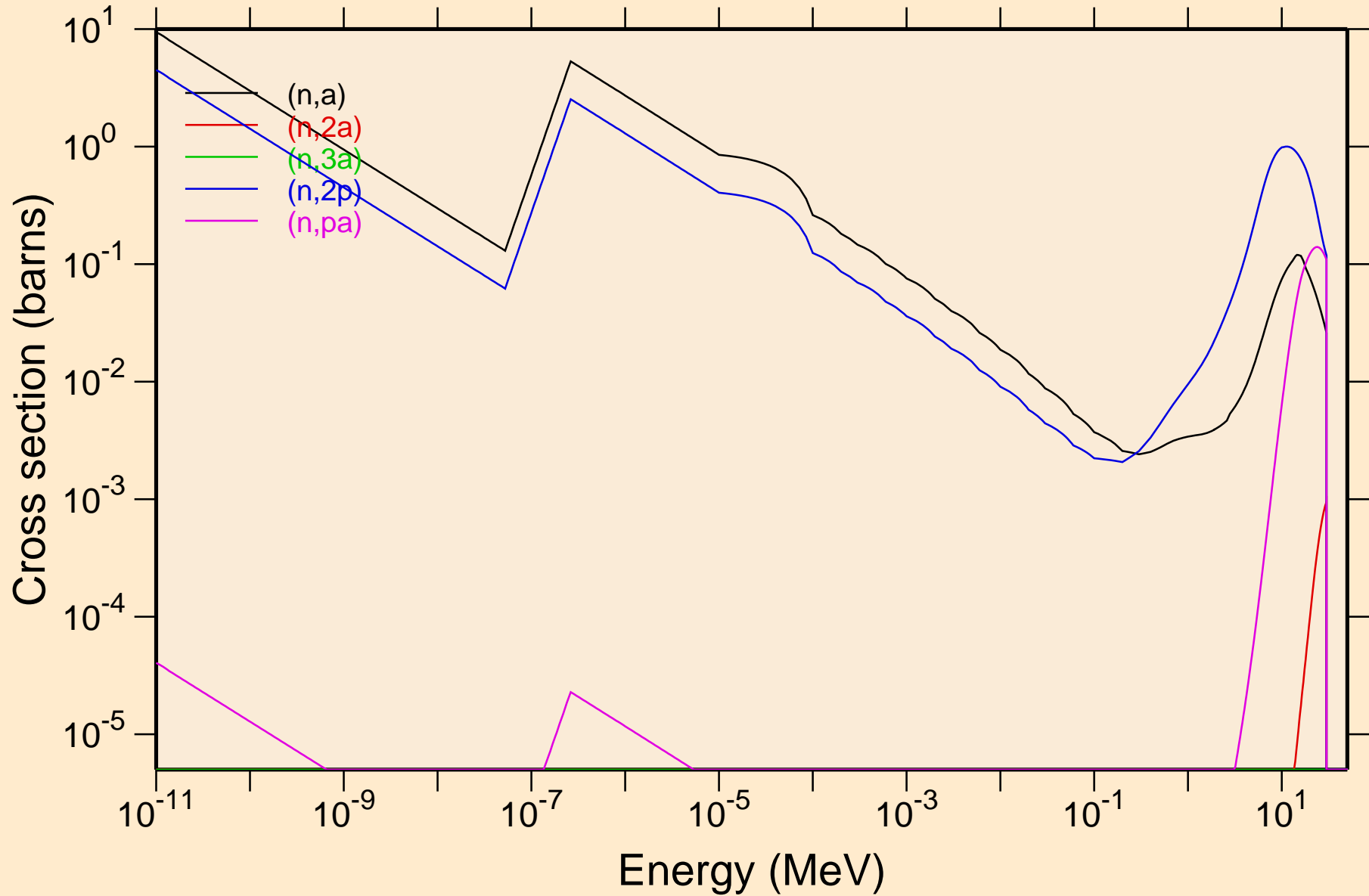


# ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

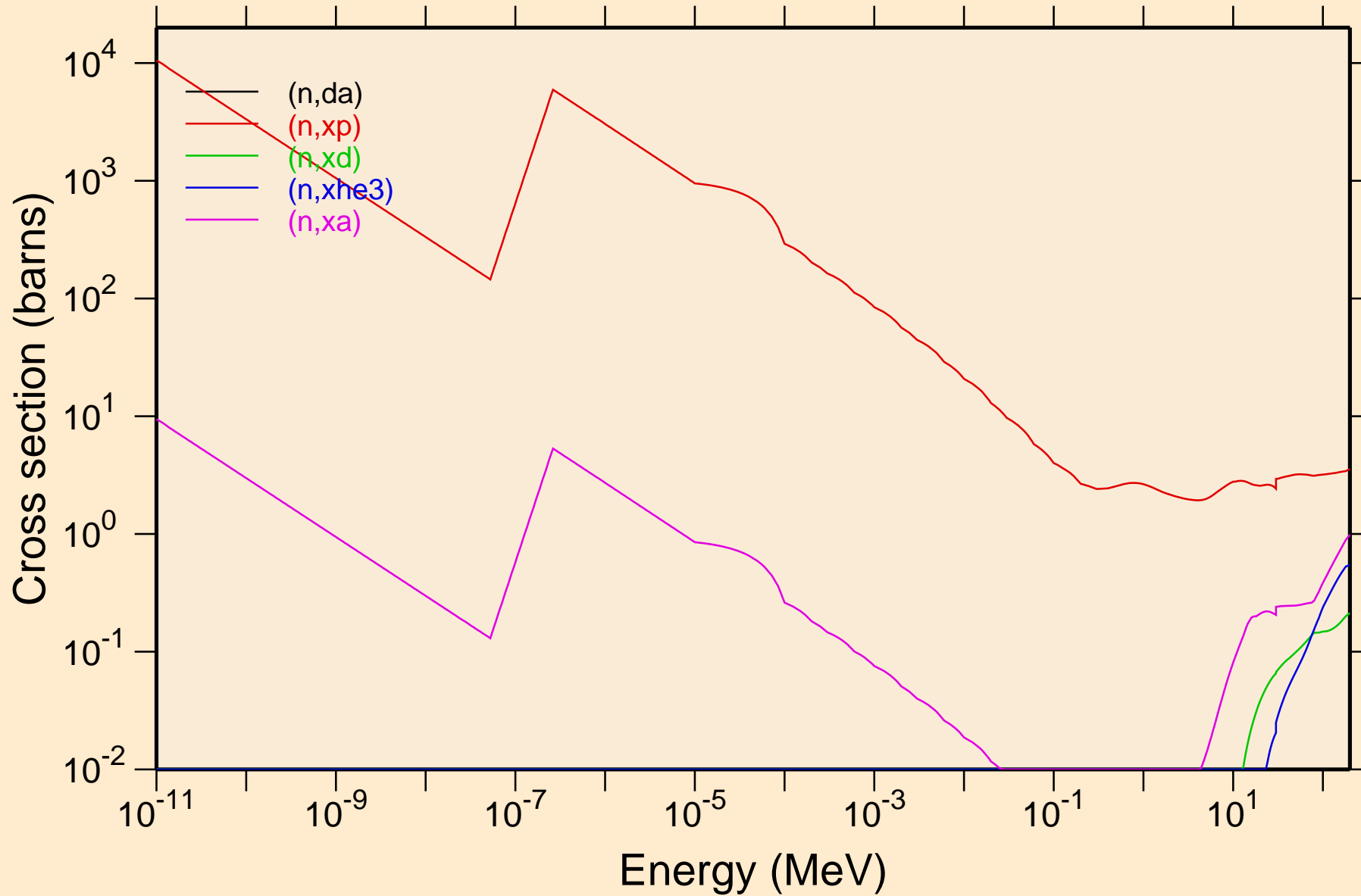


ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



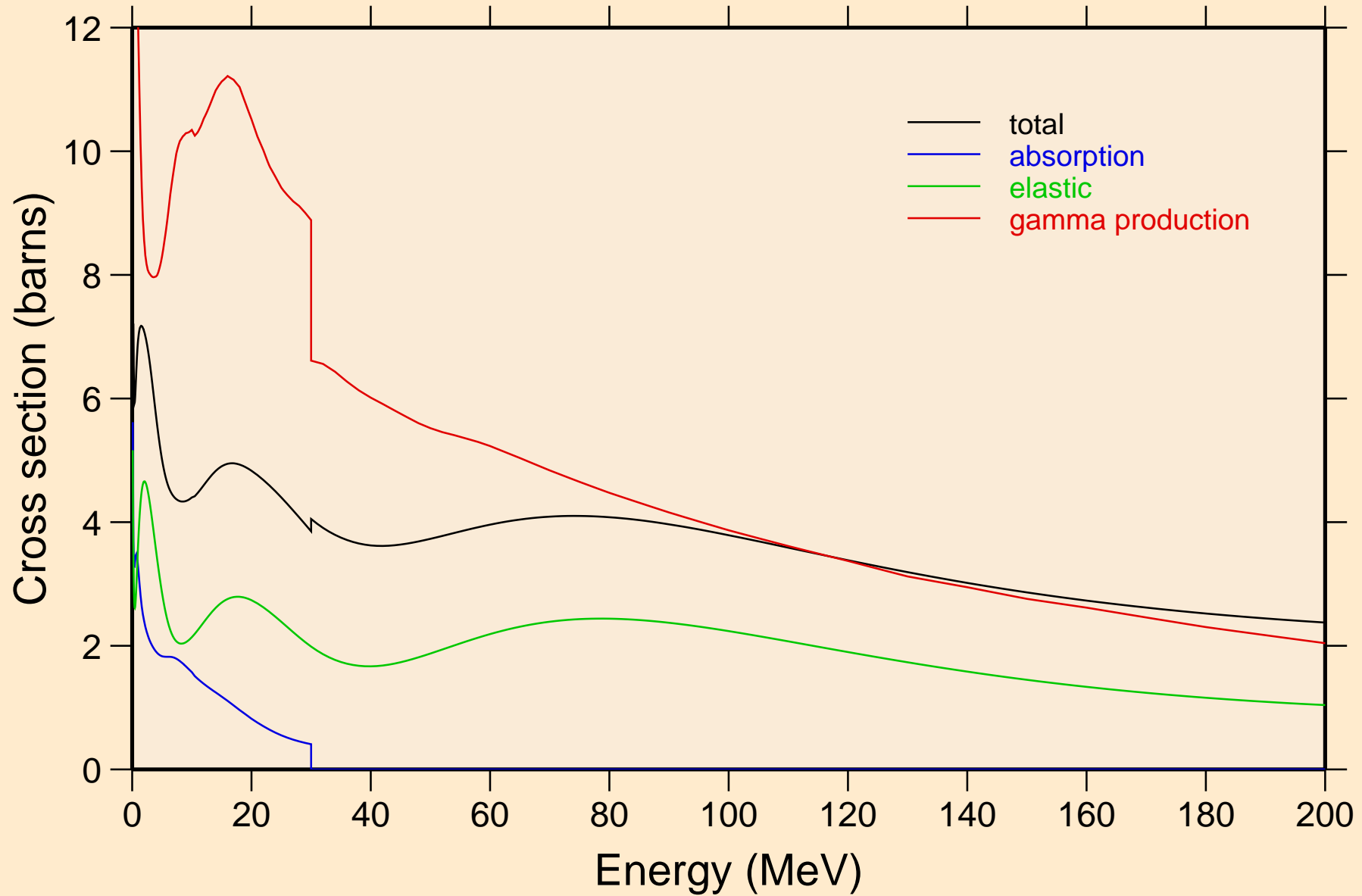
# ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



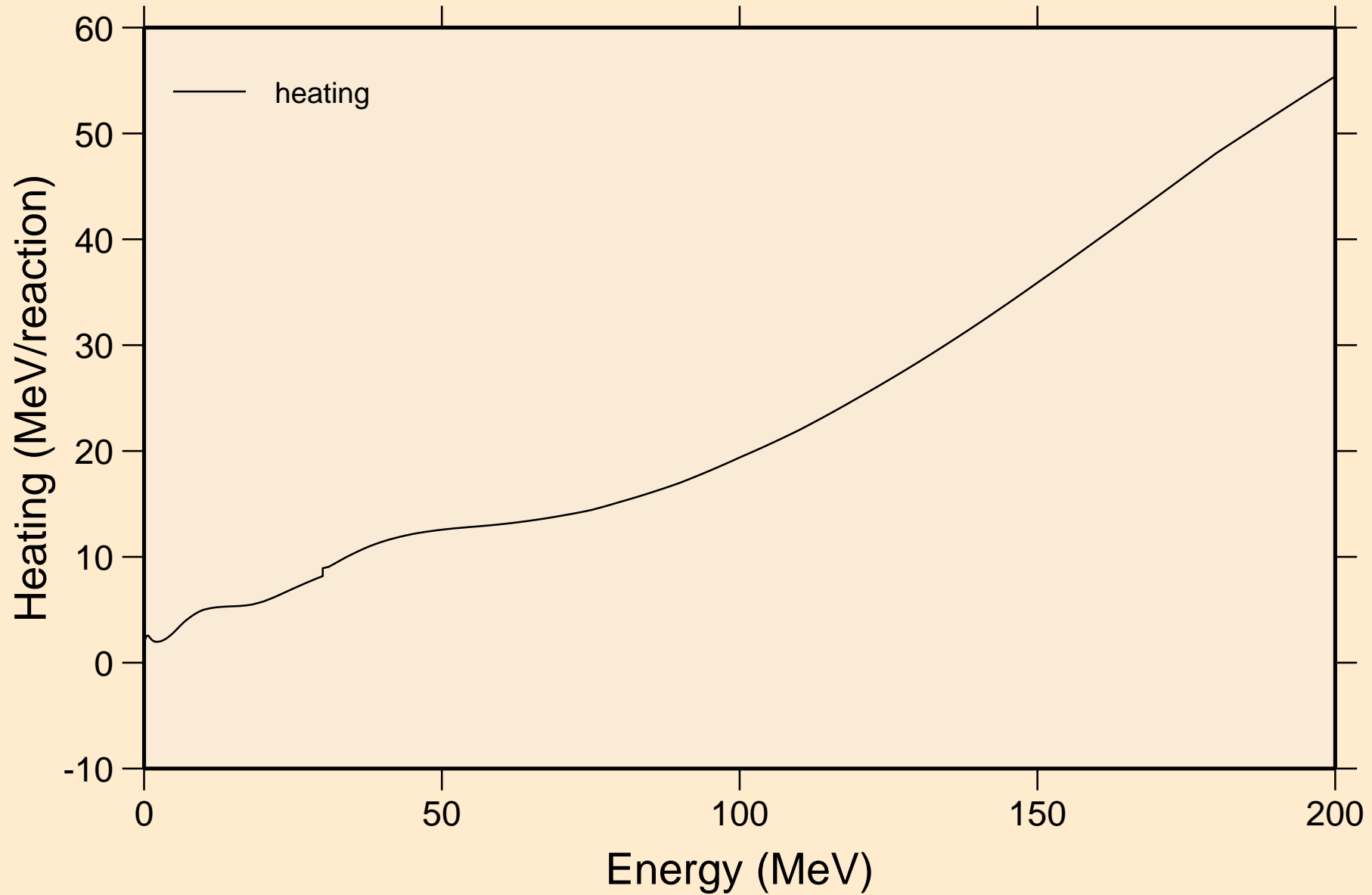
# ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



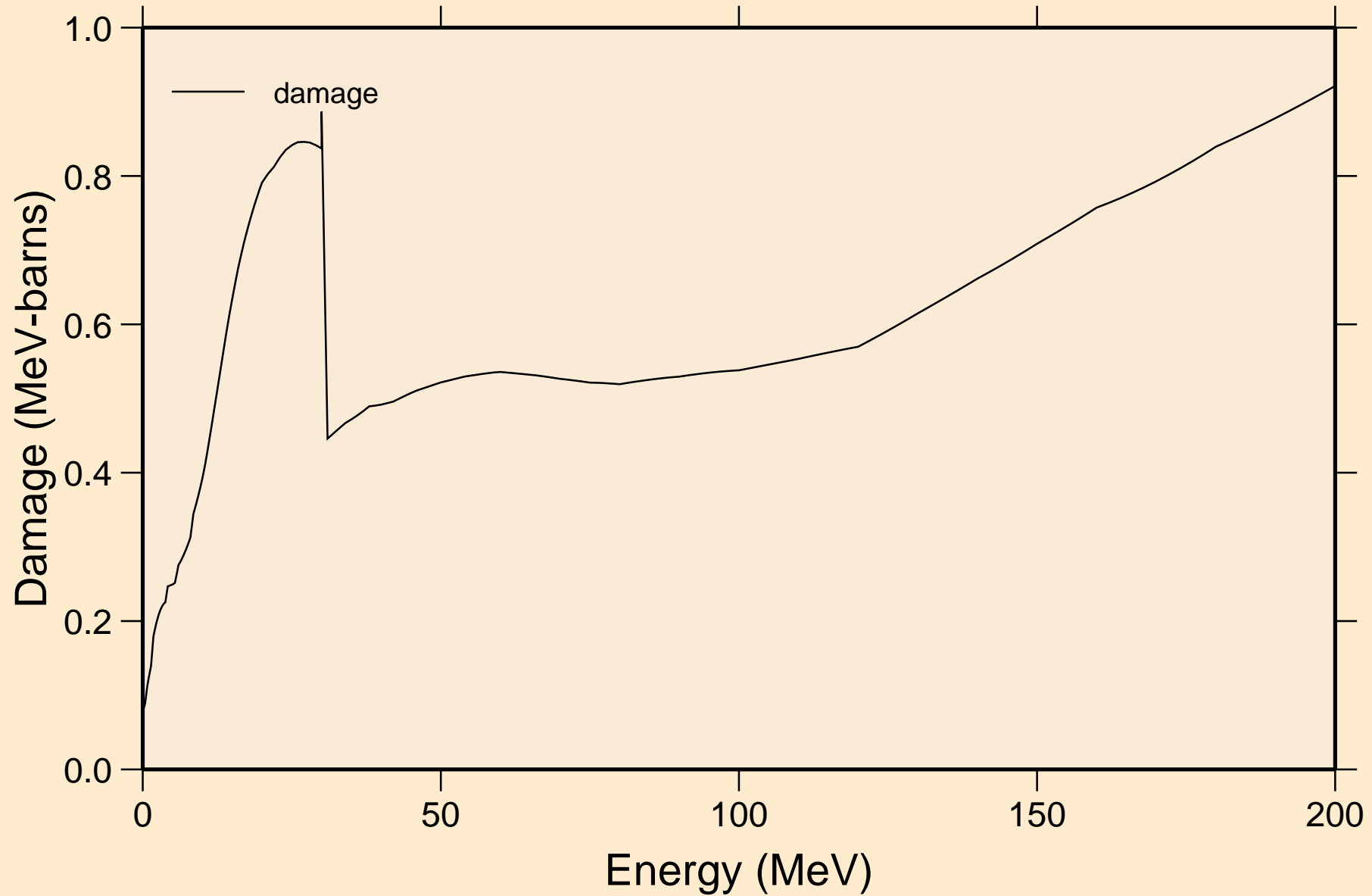
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## Heating



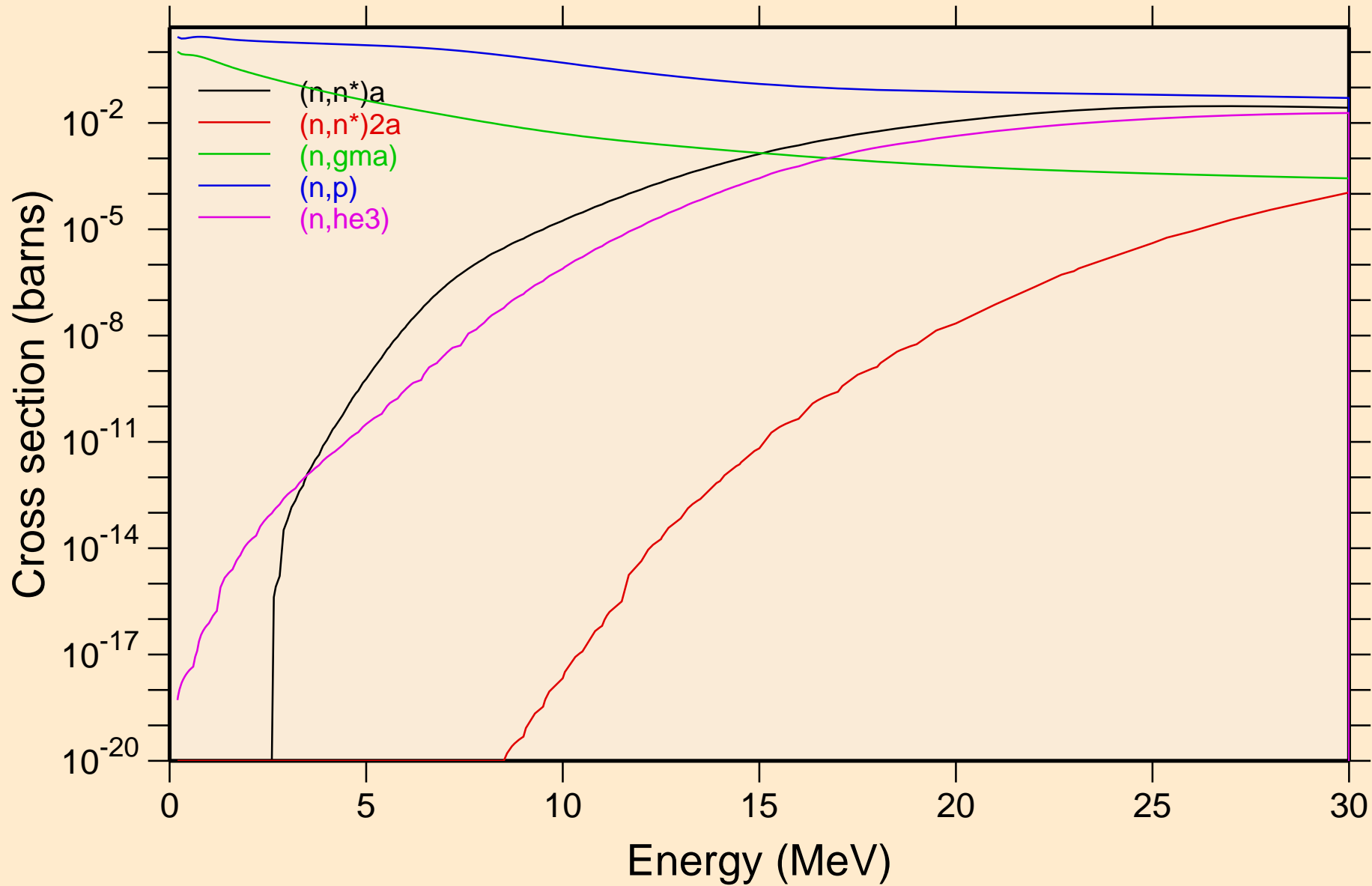


ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

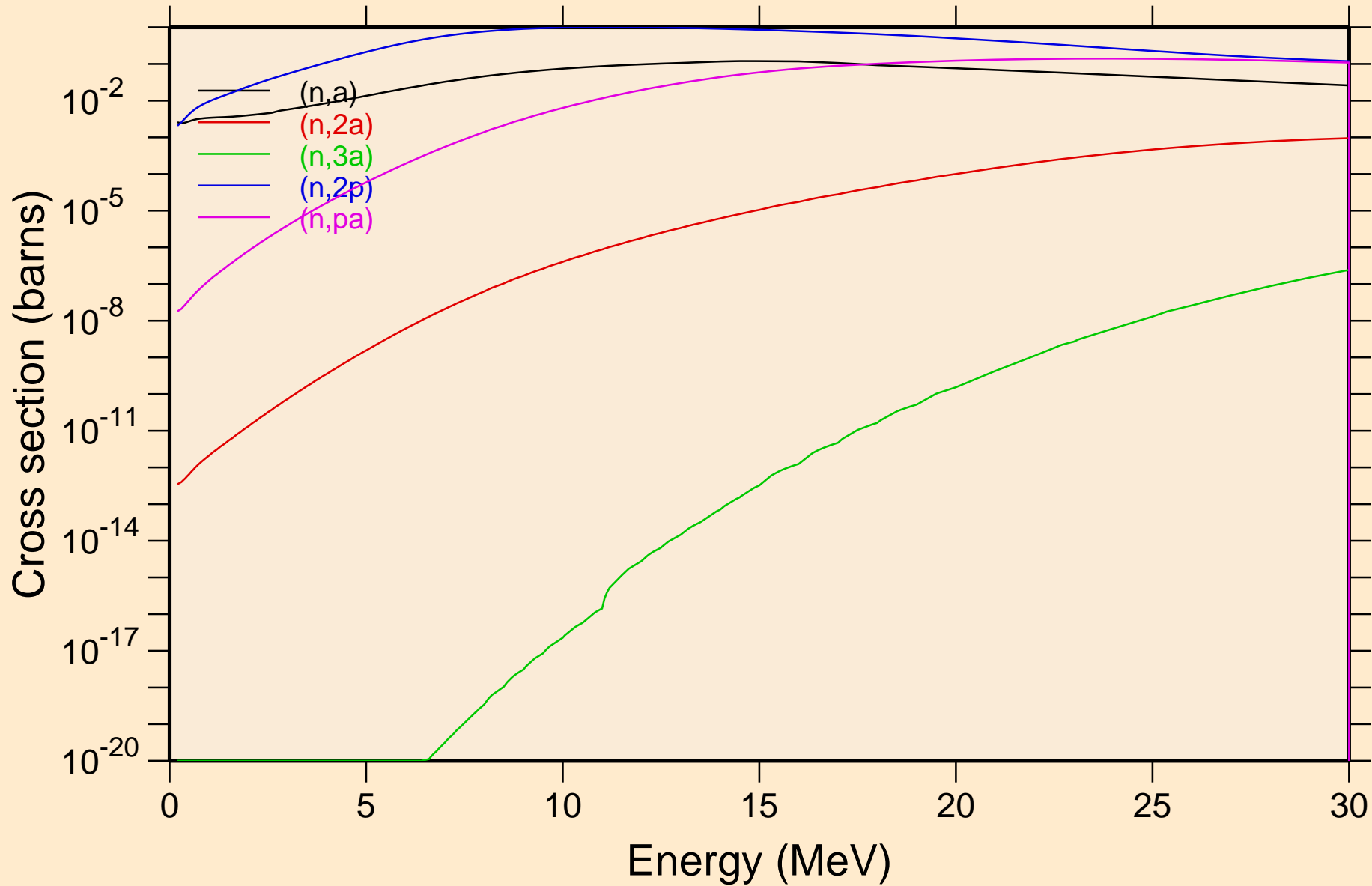


# ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

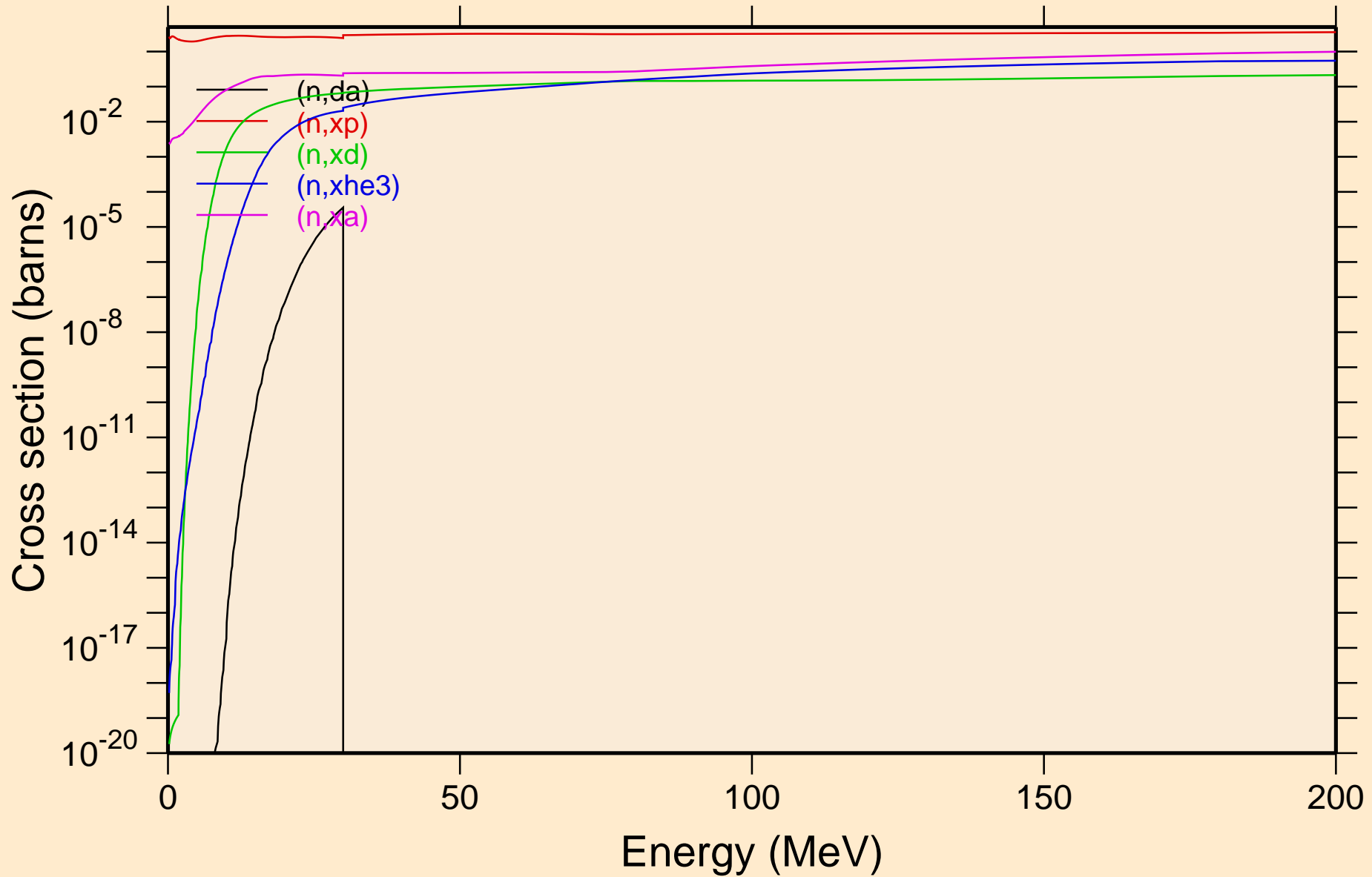


ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

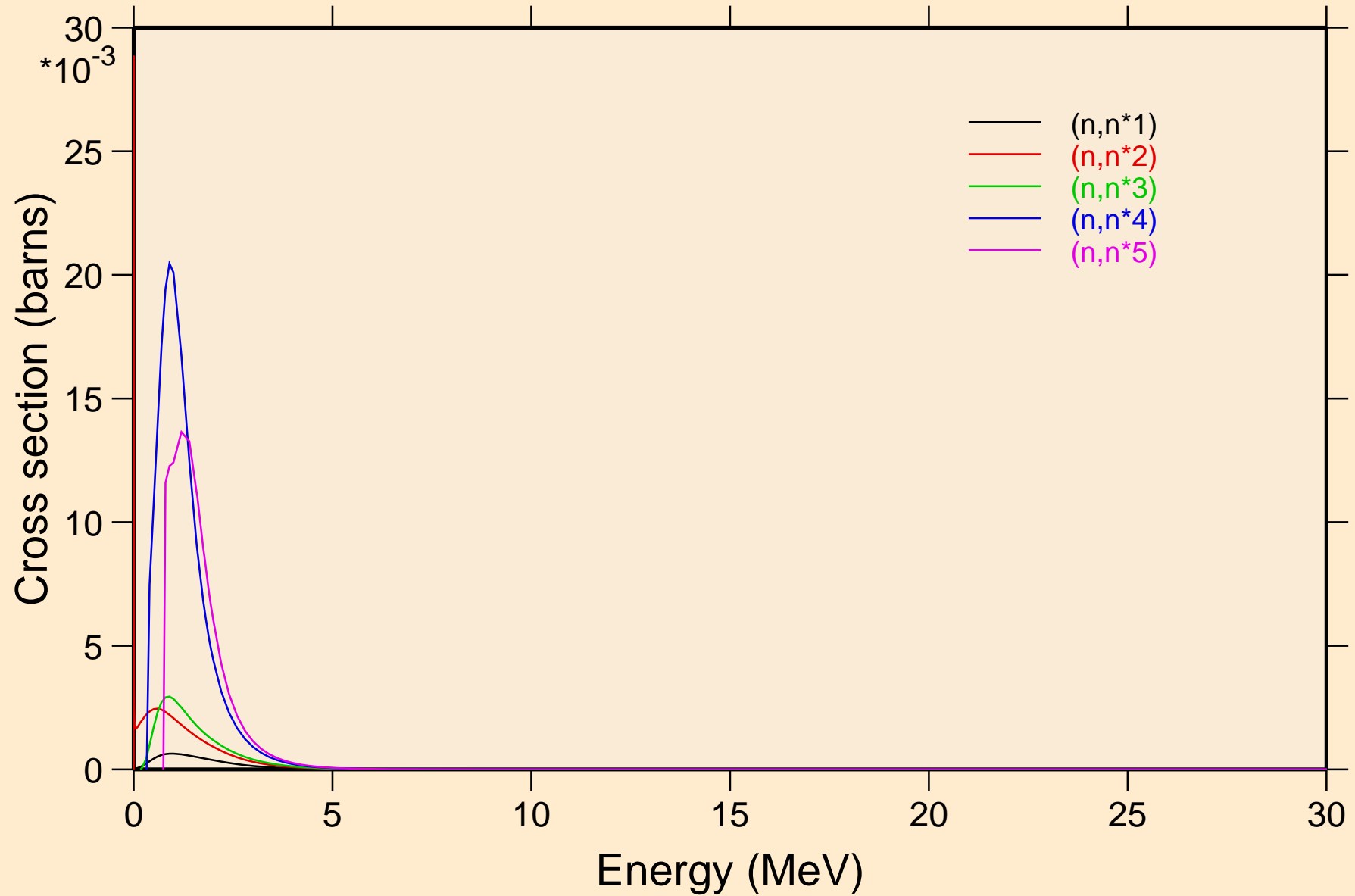


# ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

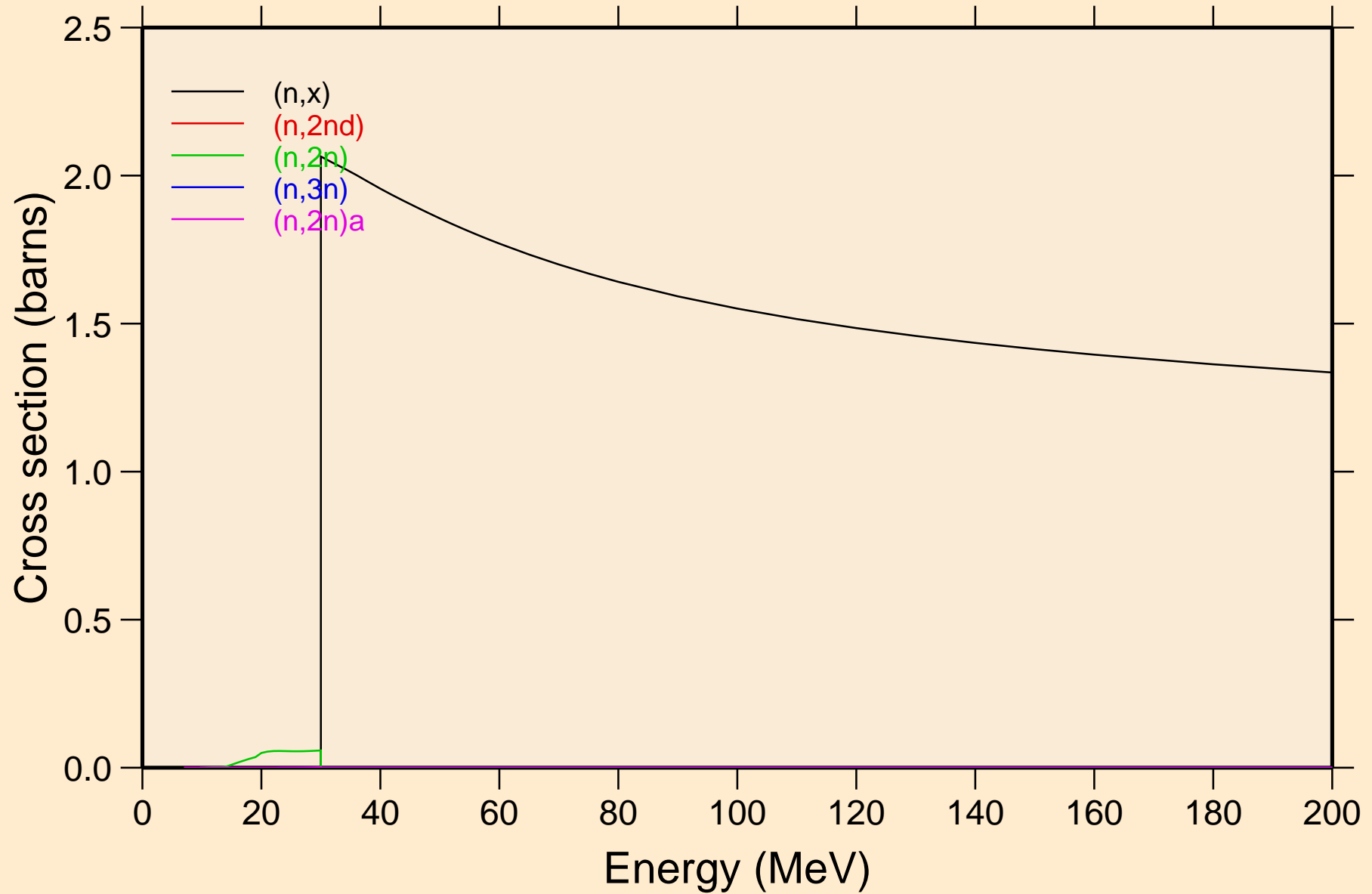


ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

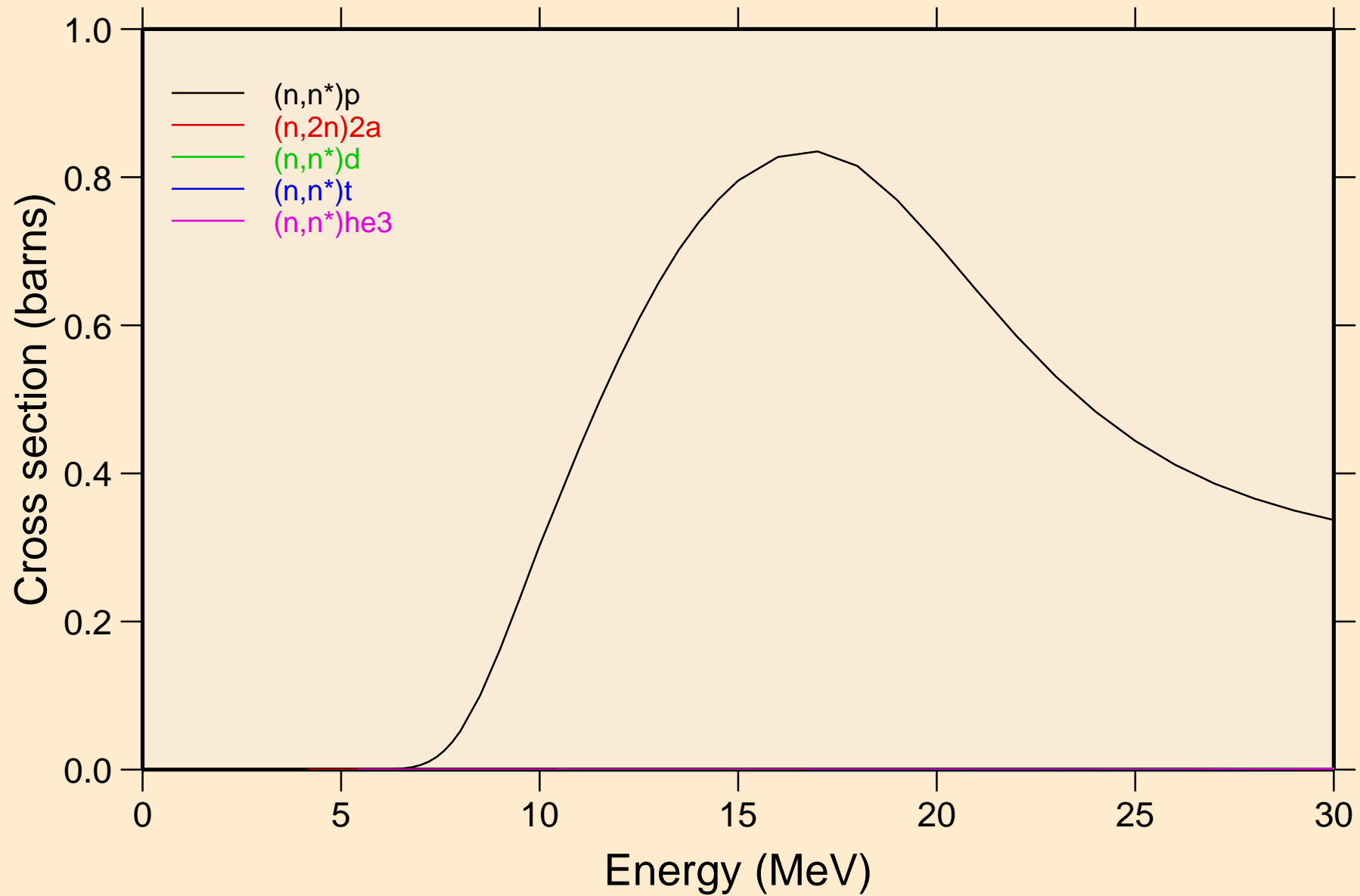


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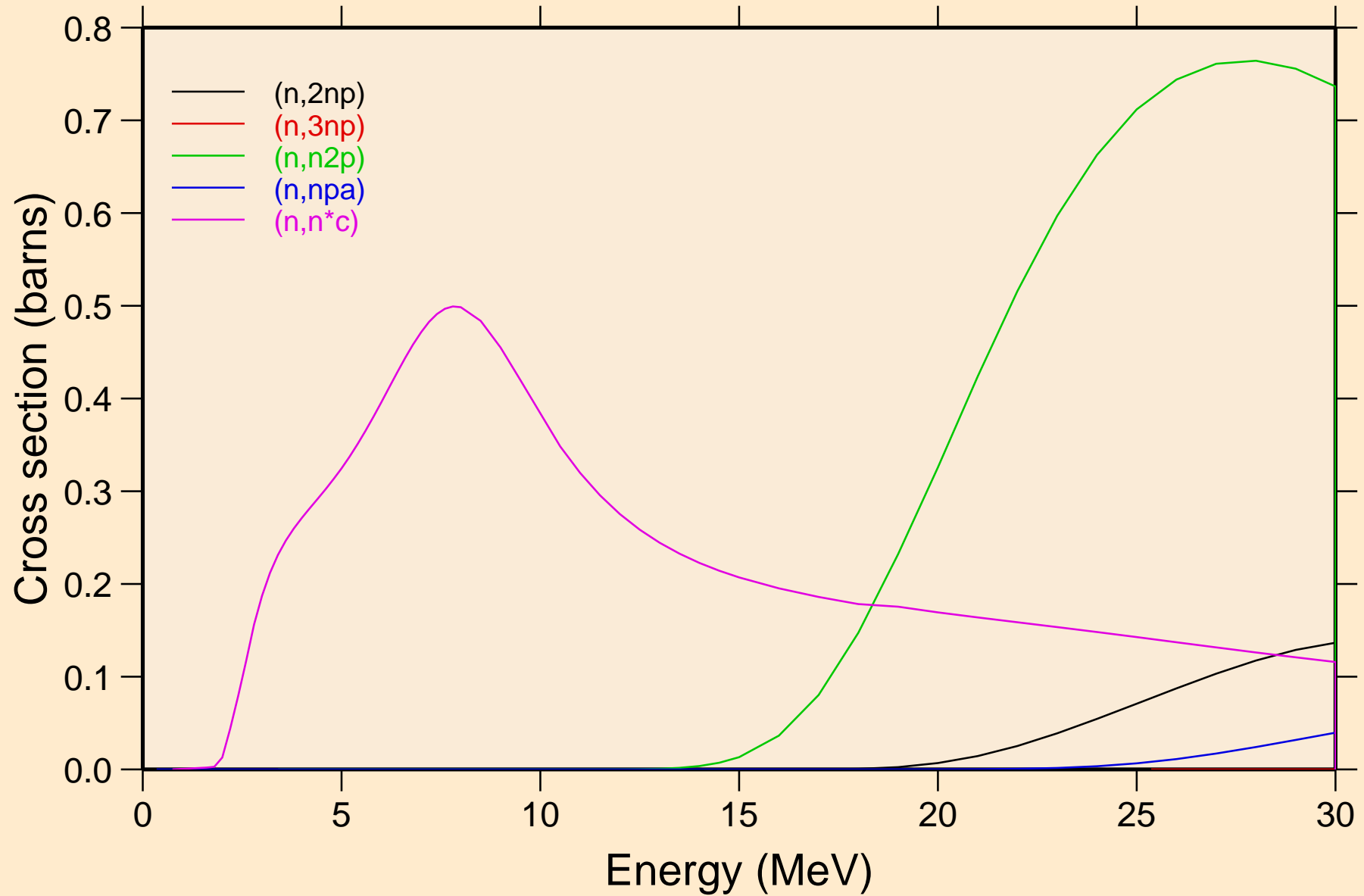
## Threshold reactions



ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



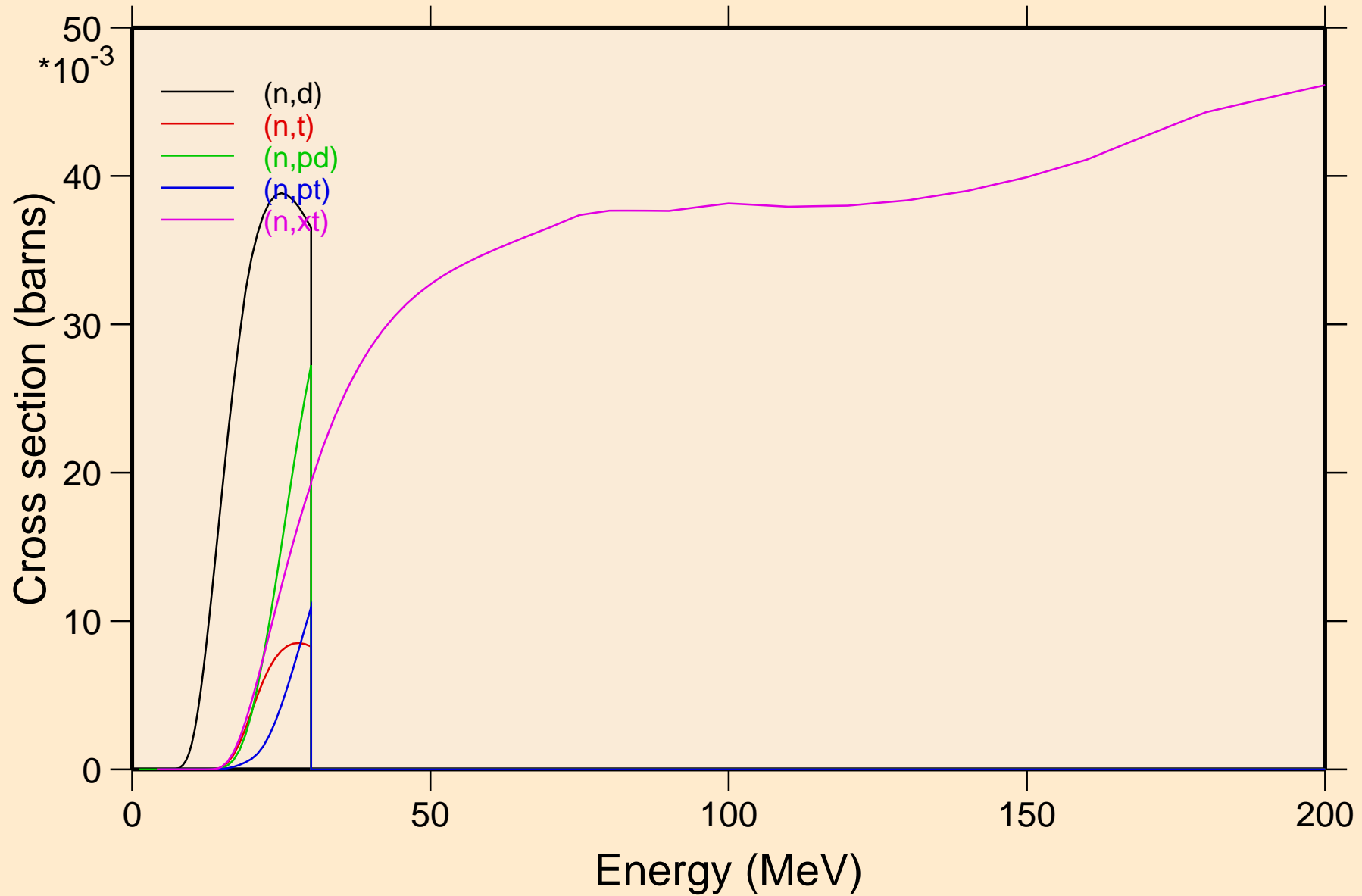
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Threshold reactions



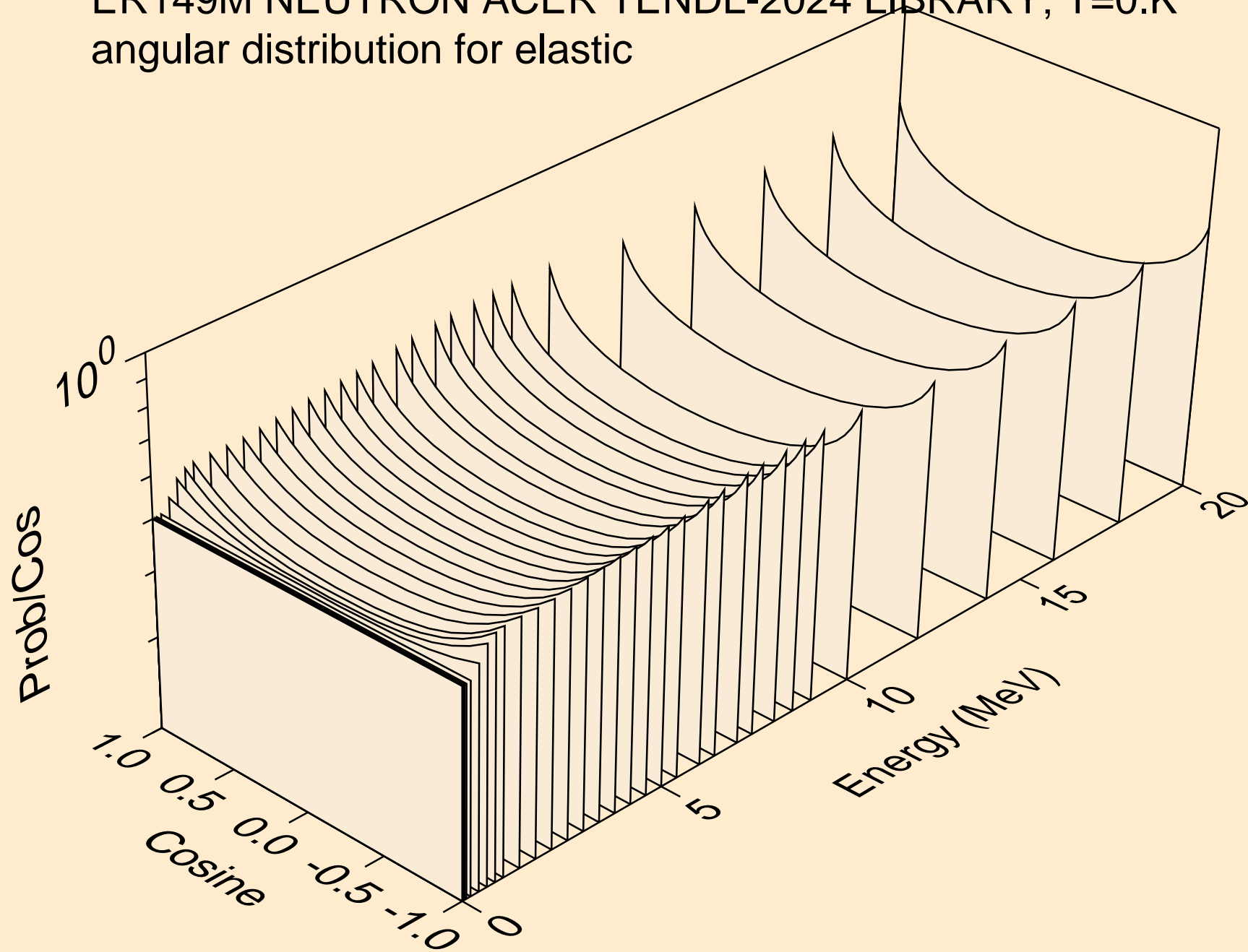


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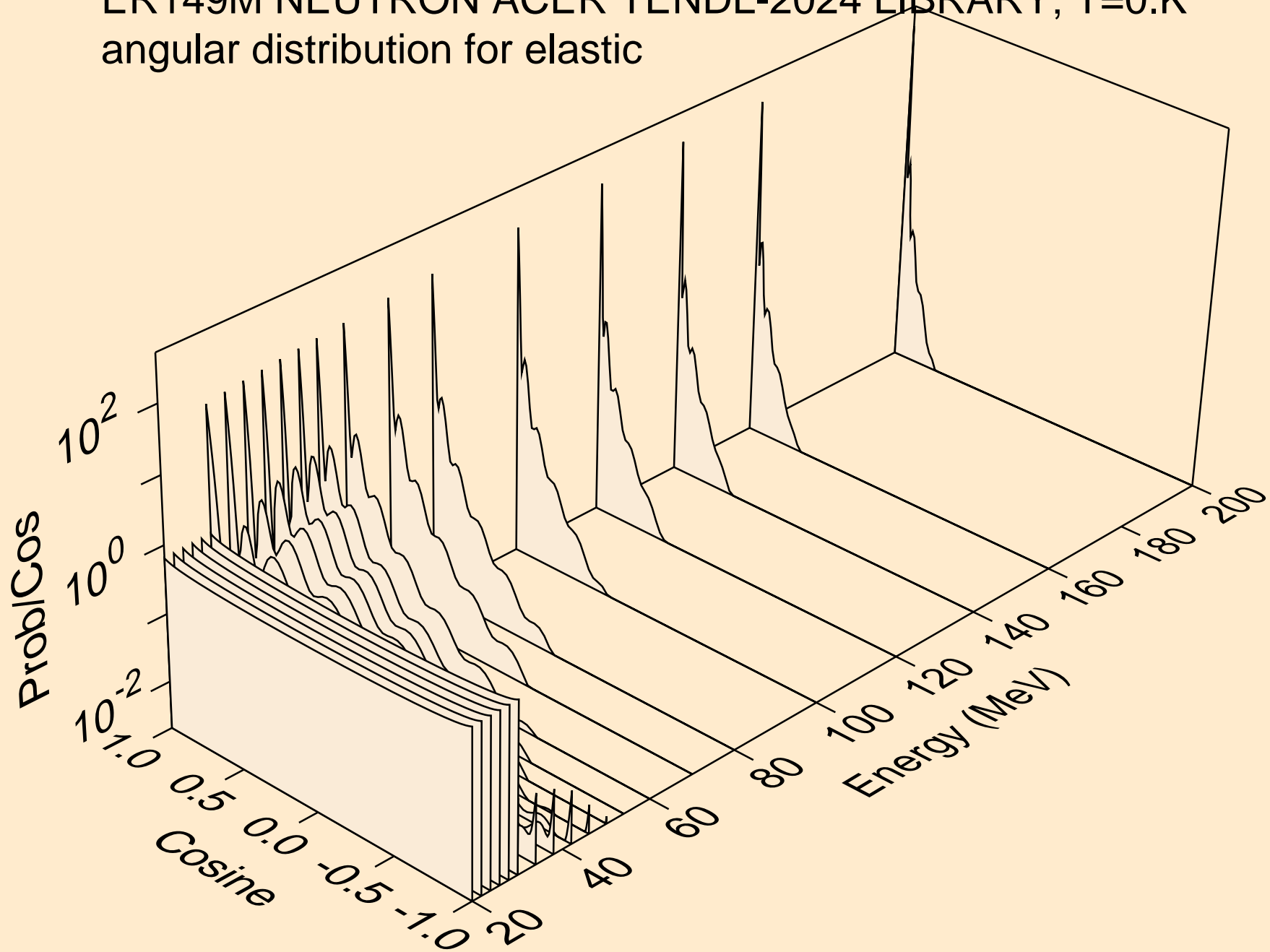
## Threshold reactions



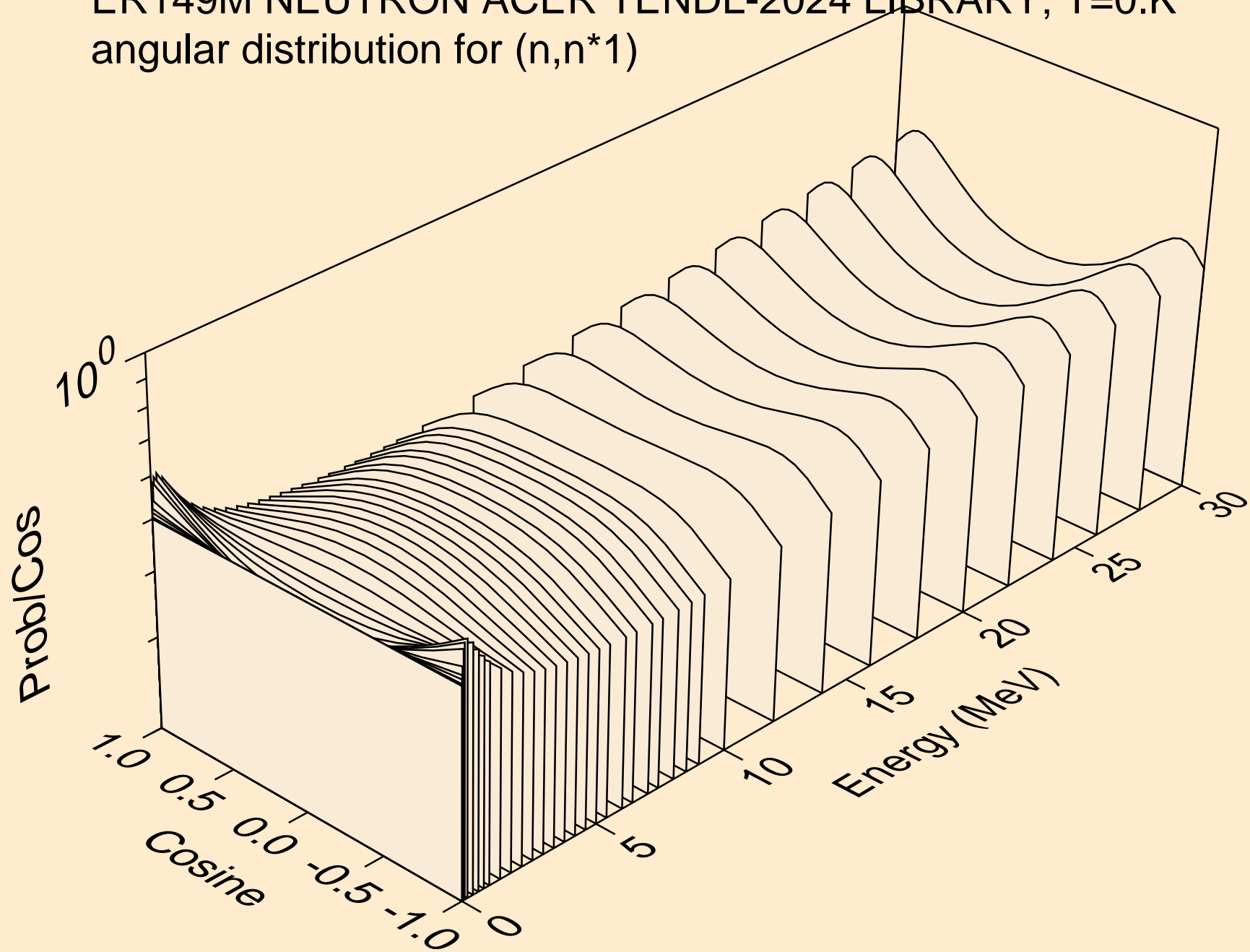
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



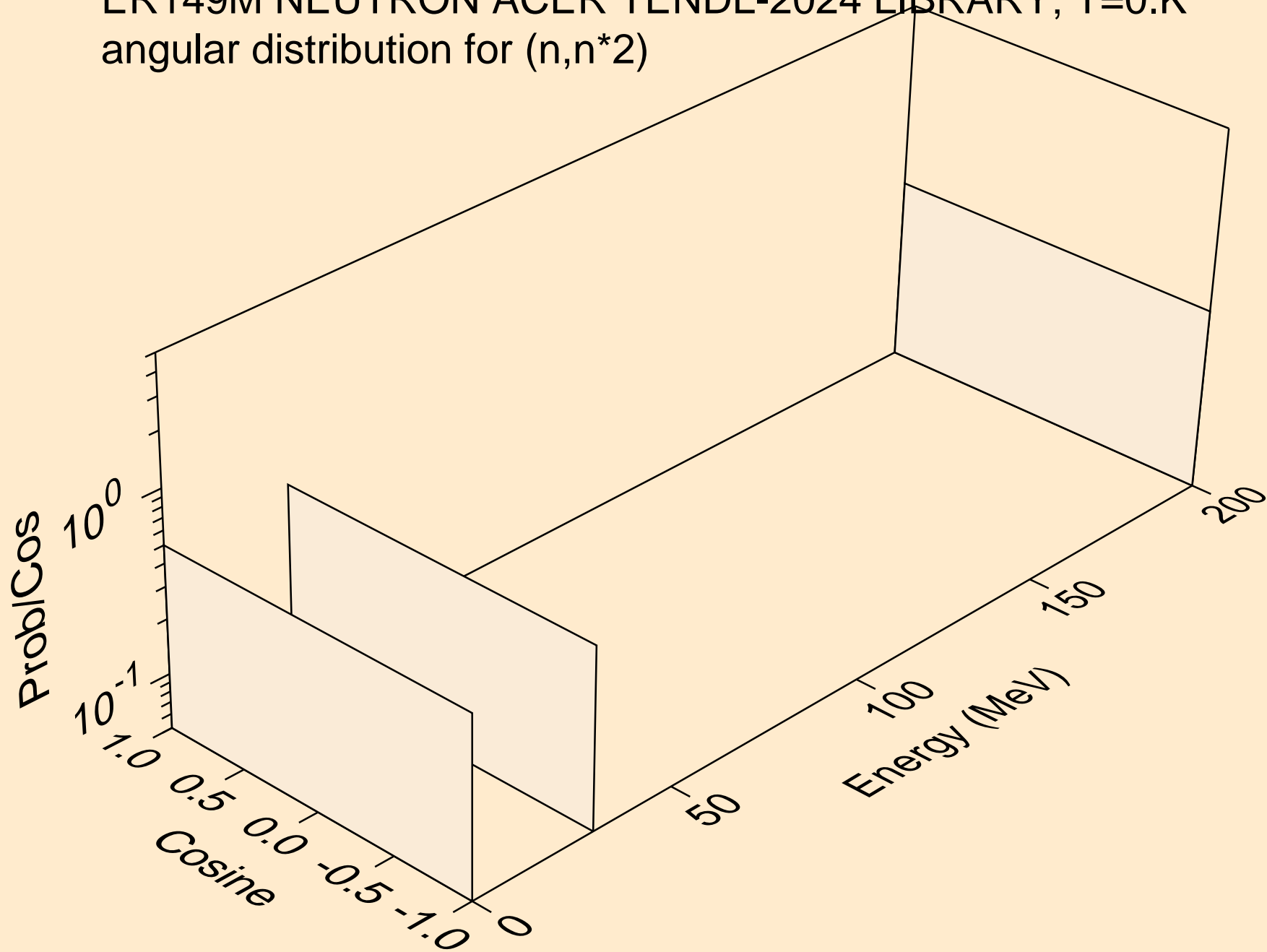
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



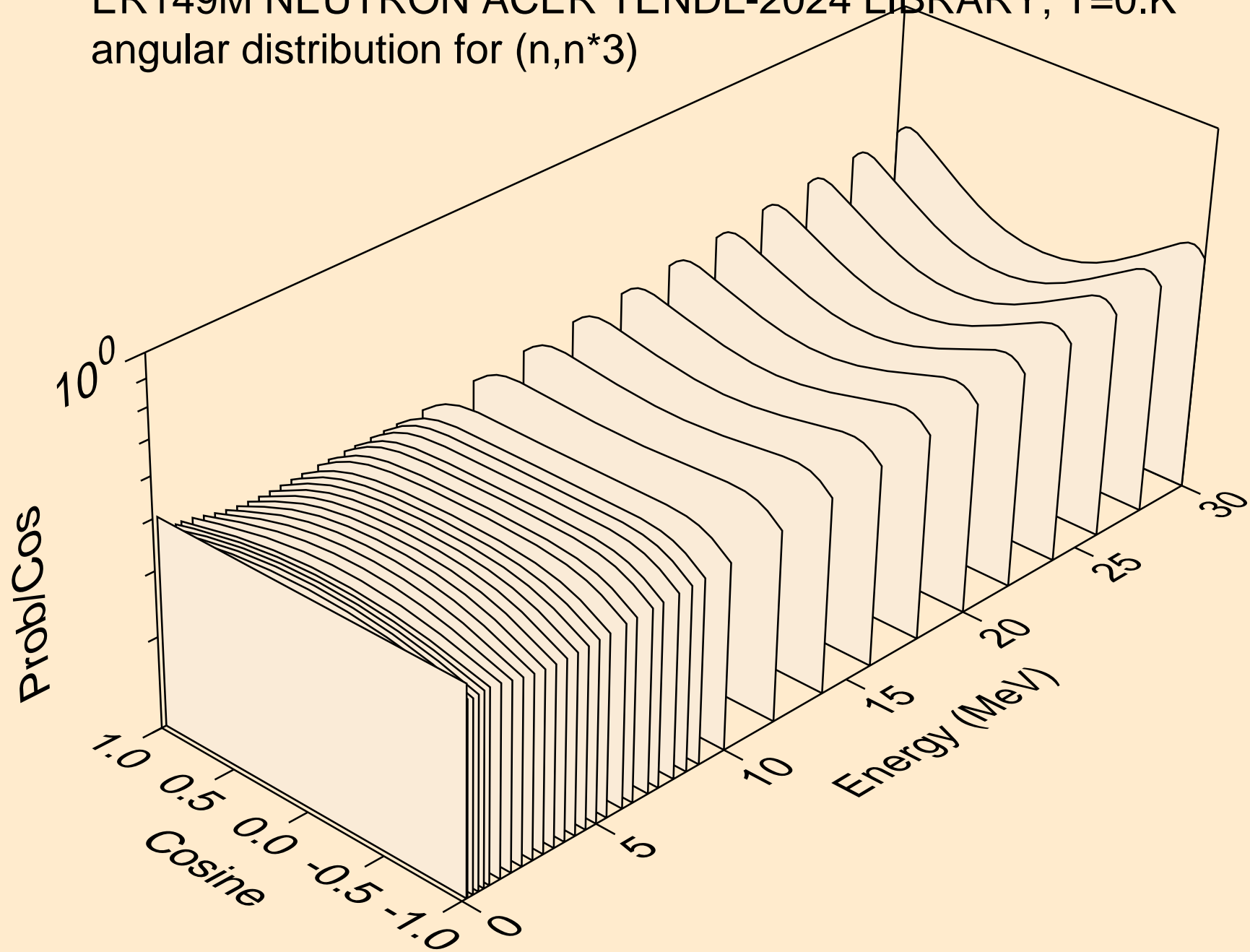
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



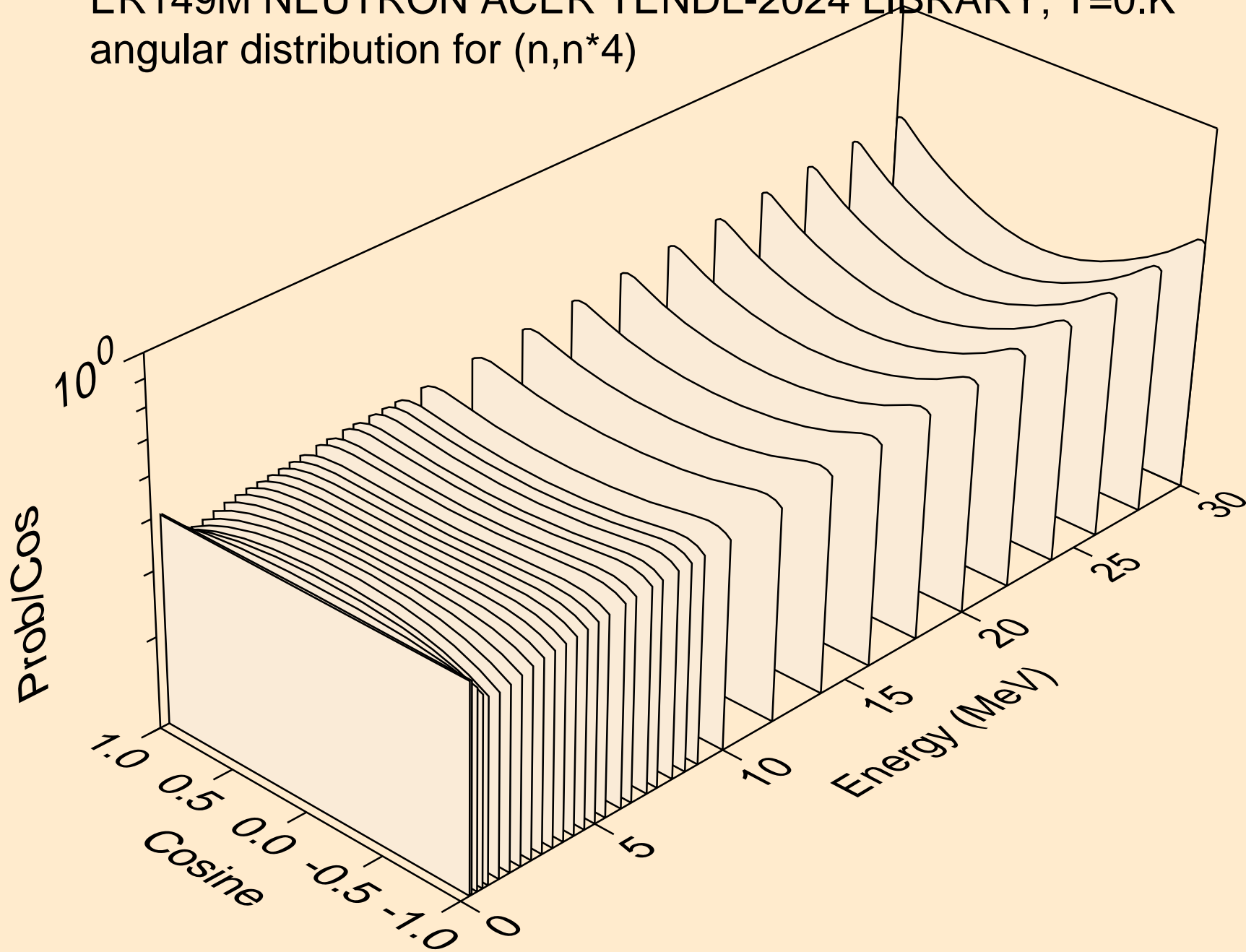
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angular distribution for (n,n\*2)



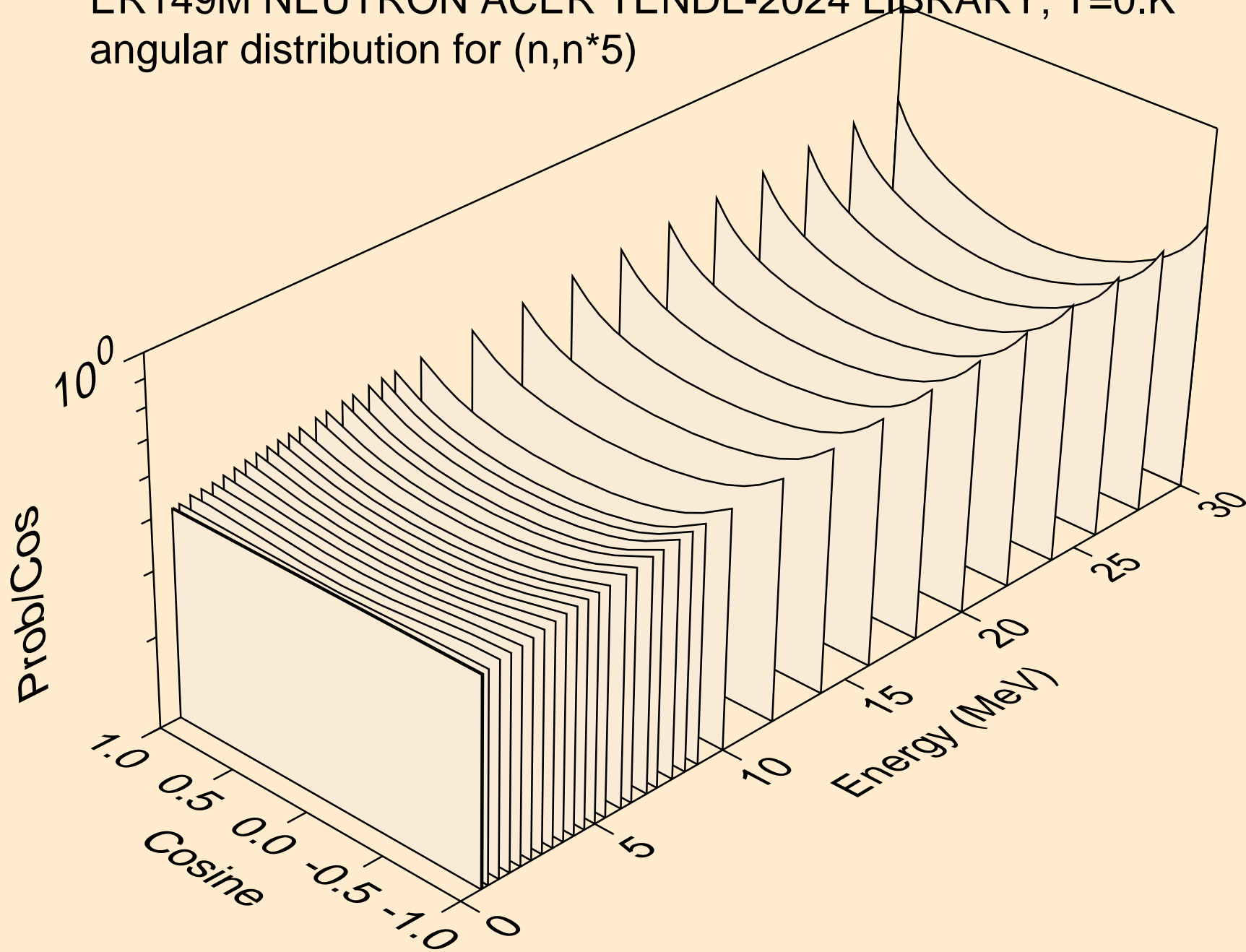
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

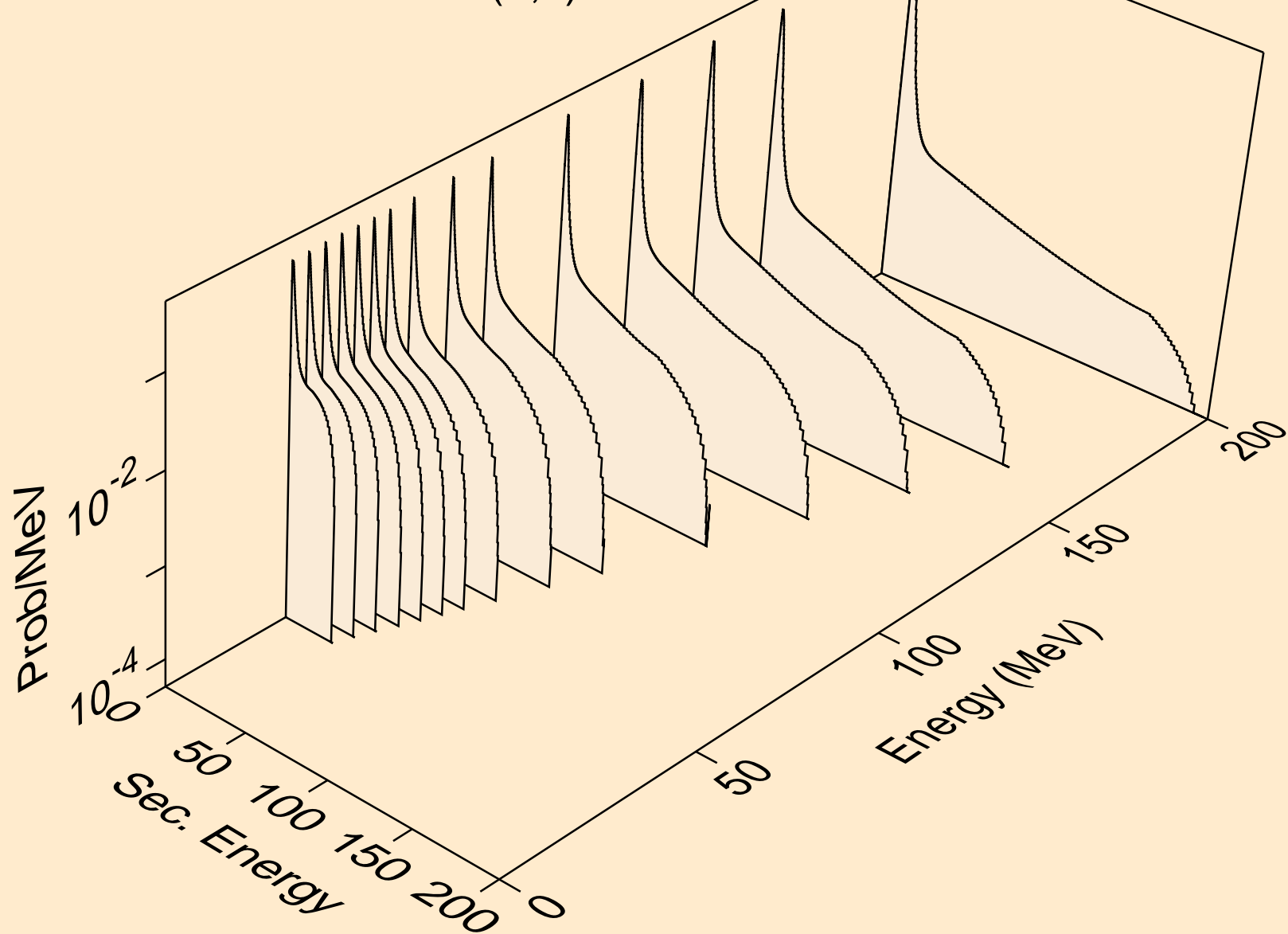


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angular distribution for (n,n\*5)

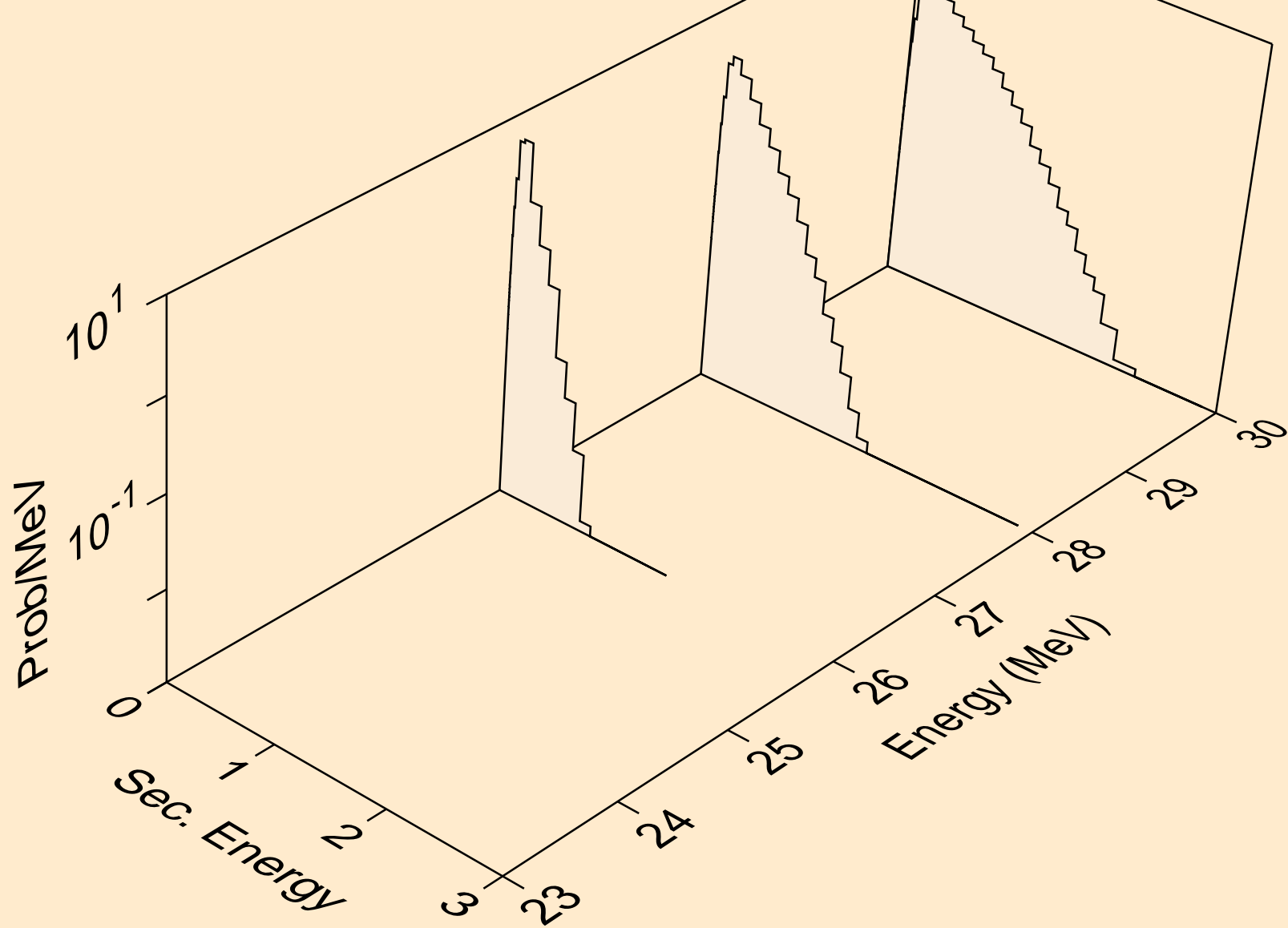




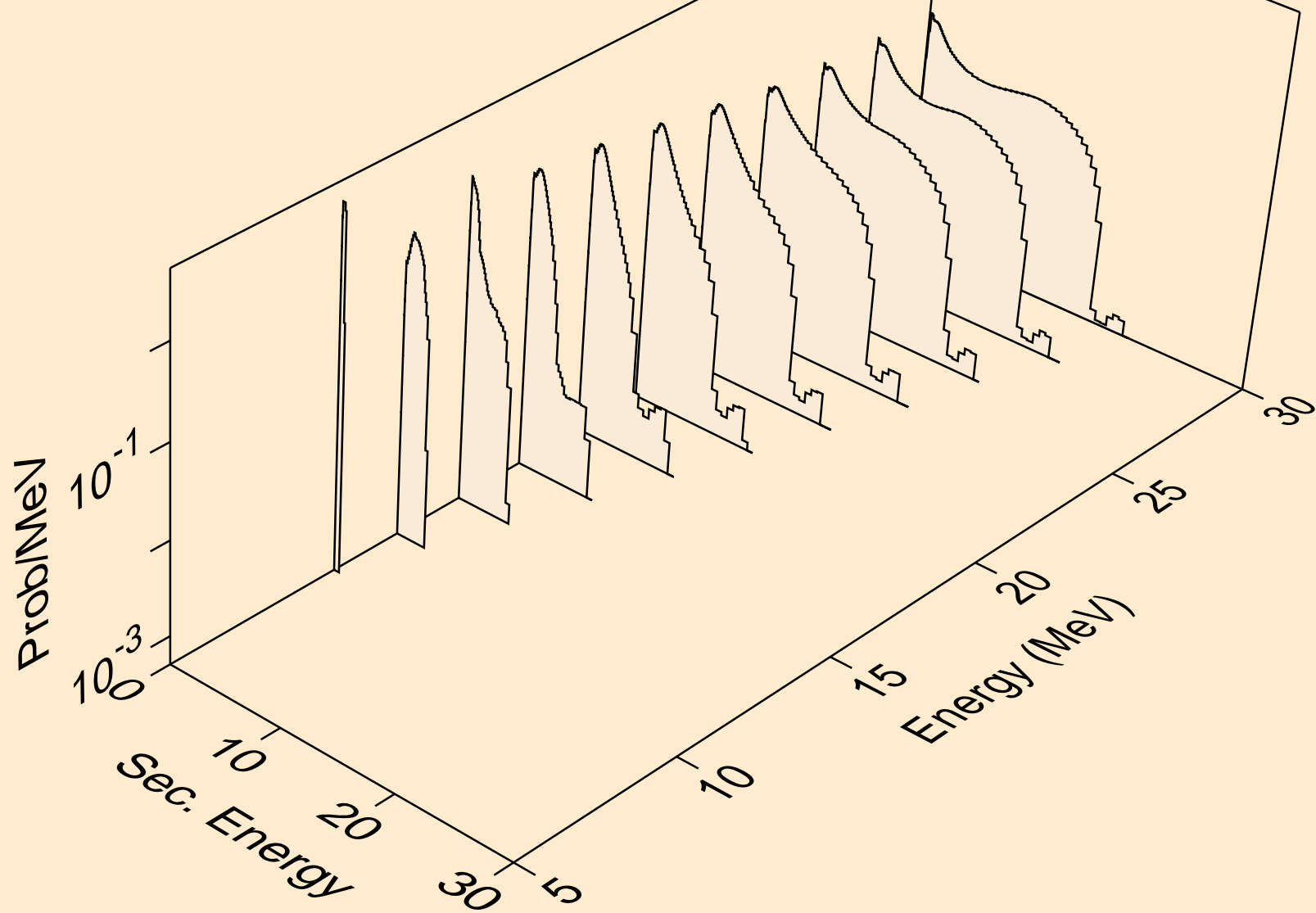
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



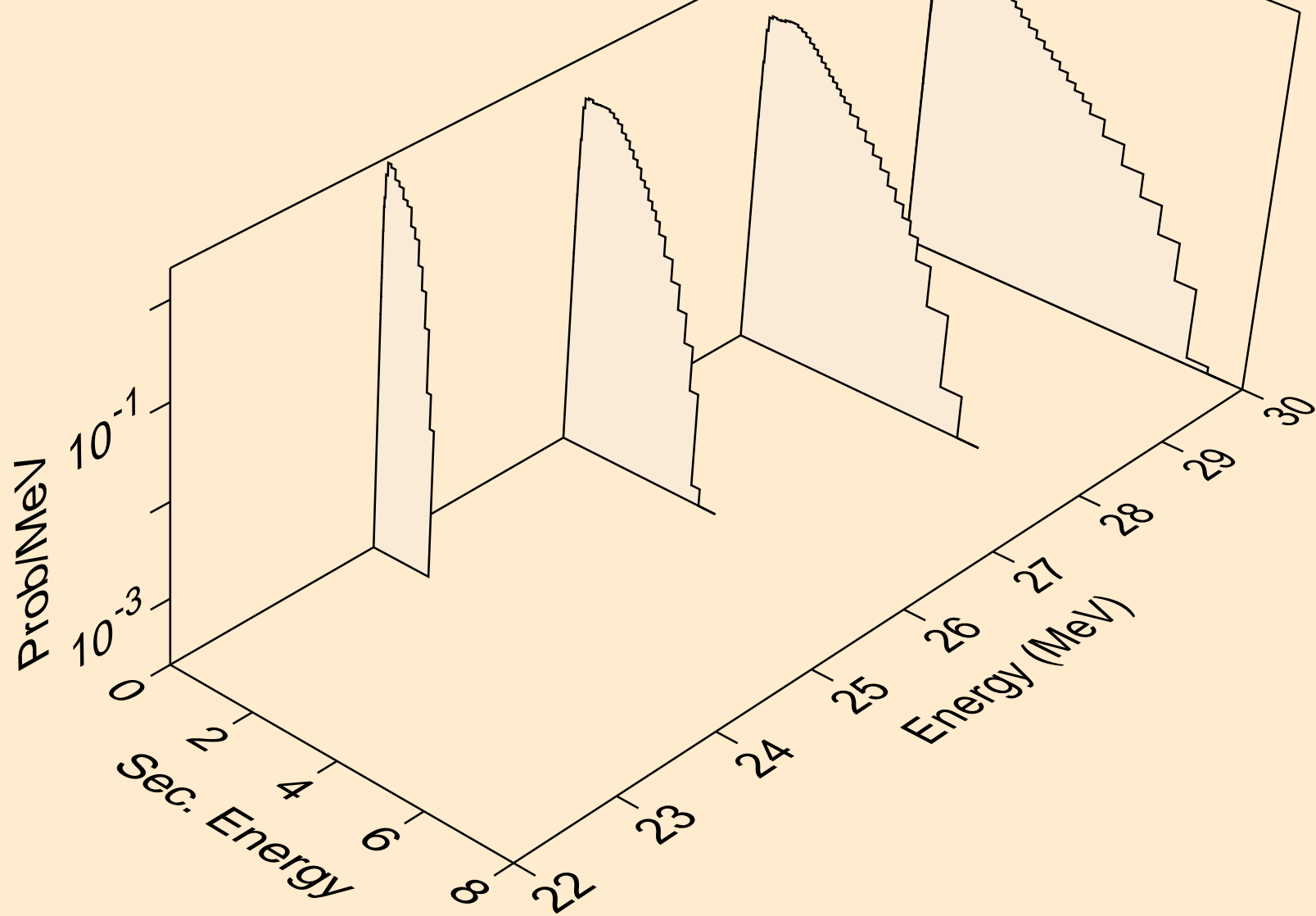
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Neutron emission for (n,2nd)



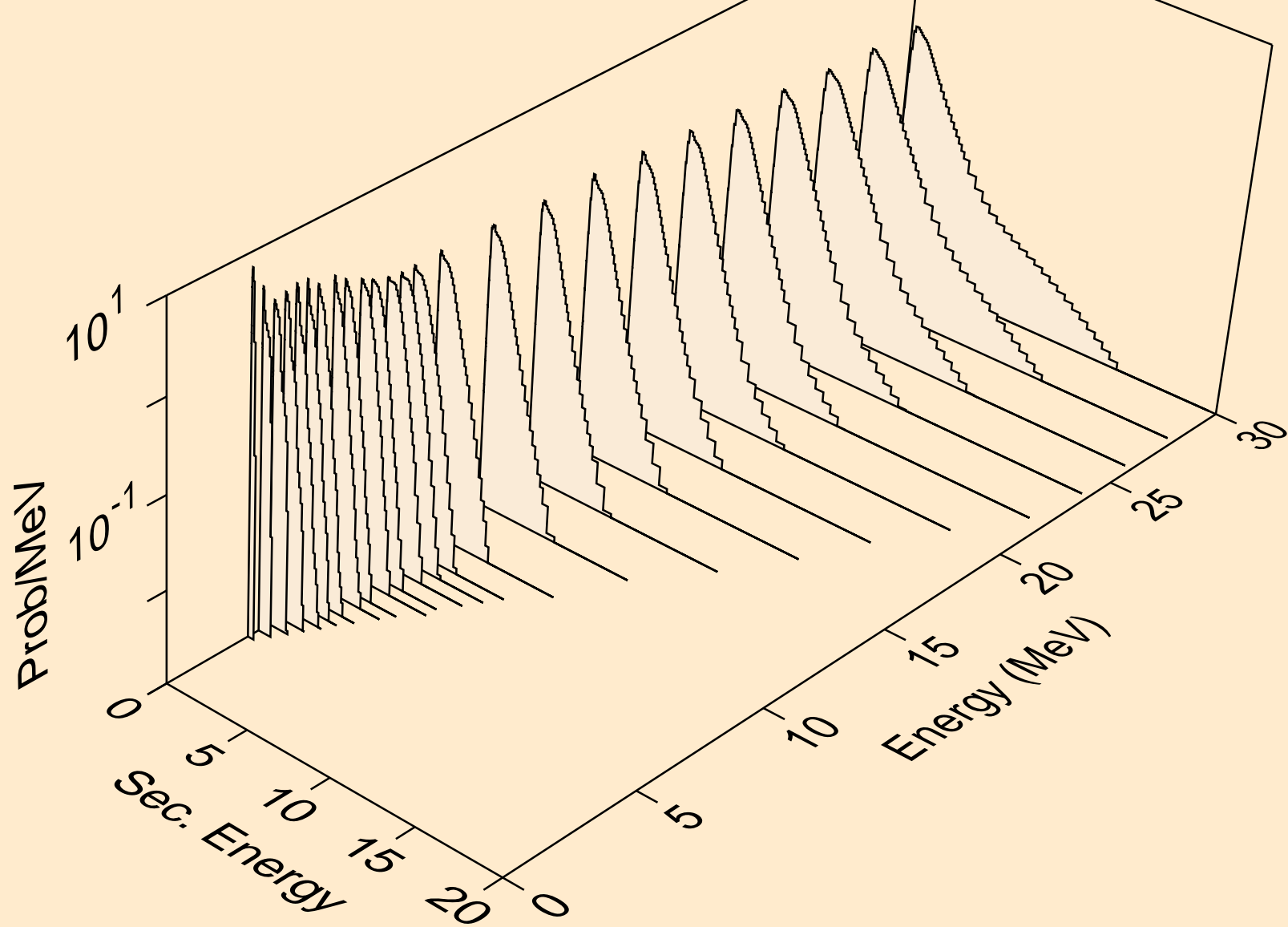
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



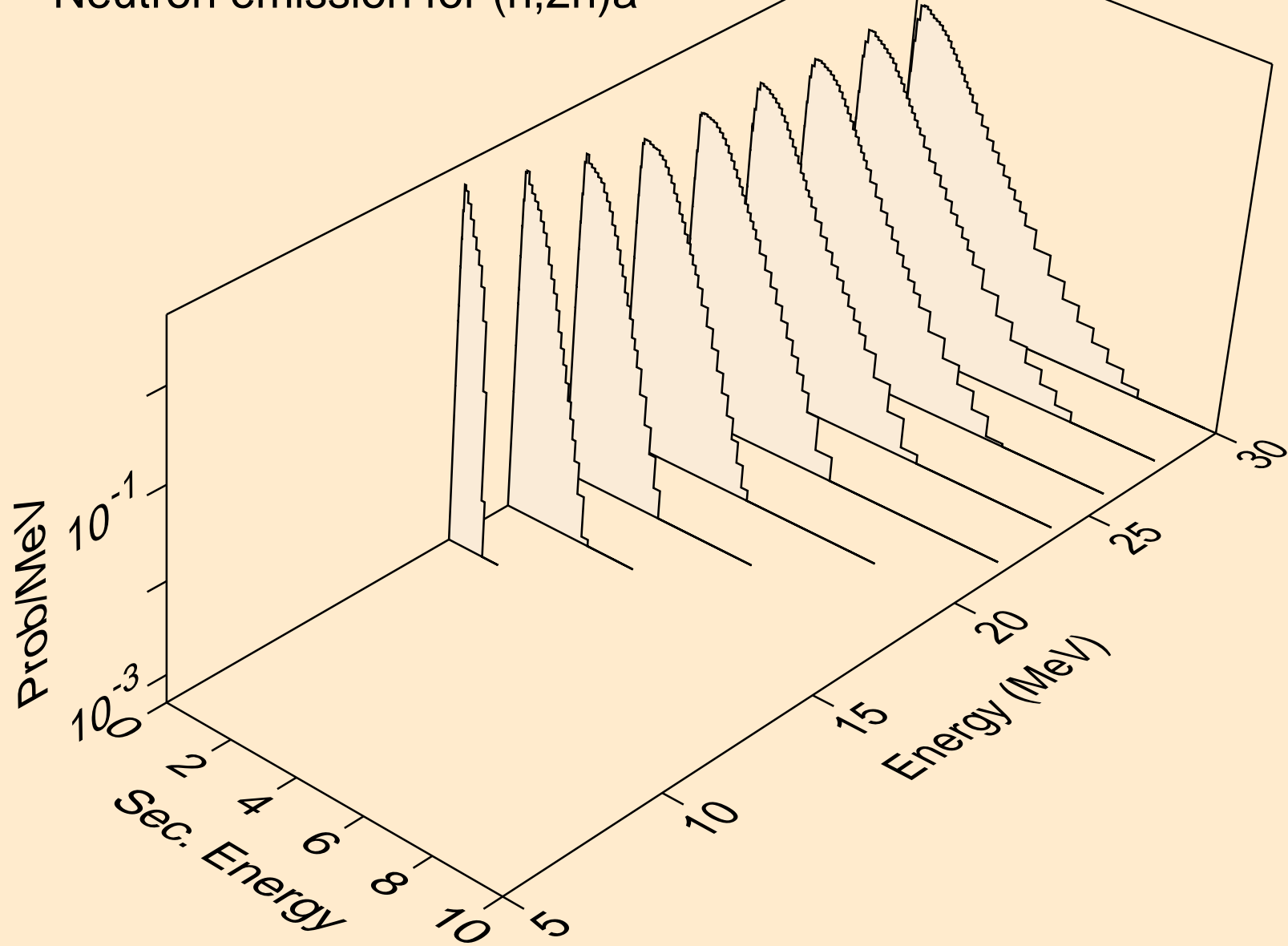
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Neutron emission for (n,3n)



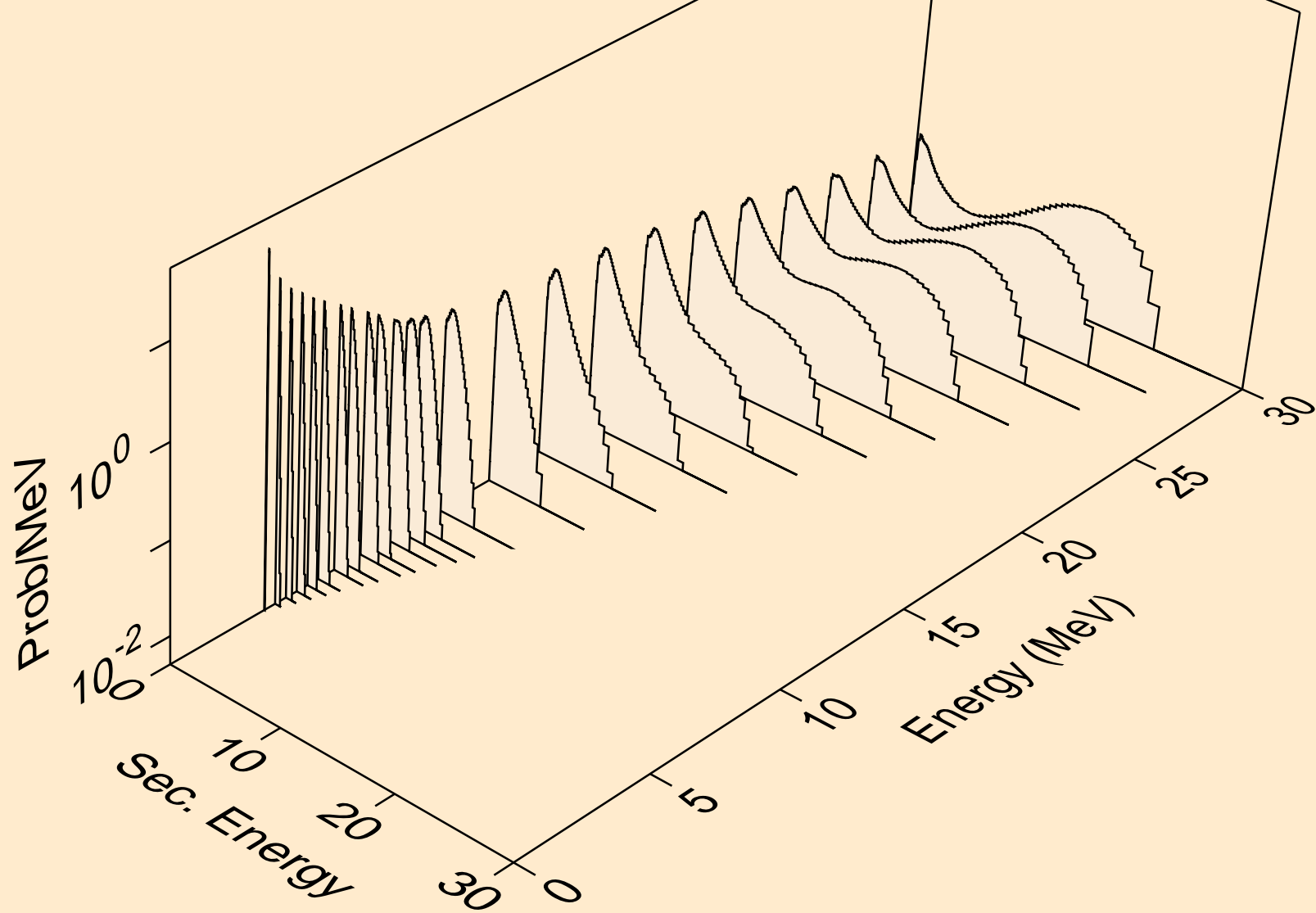
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



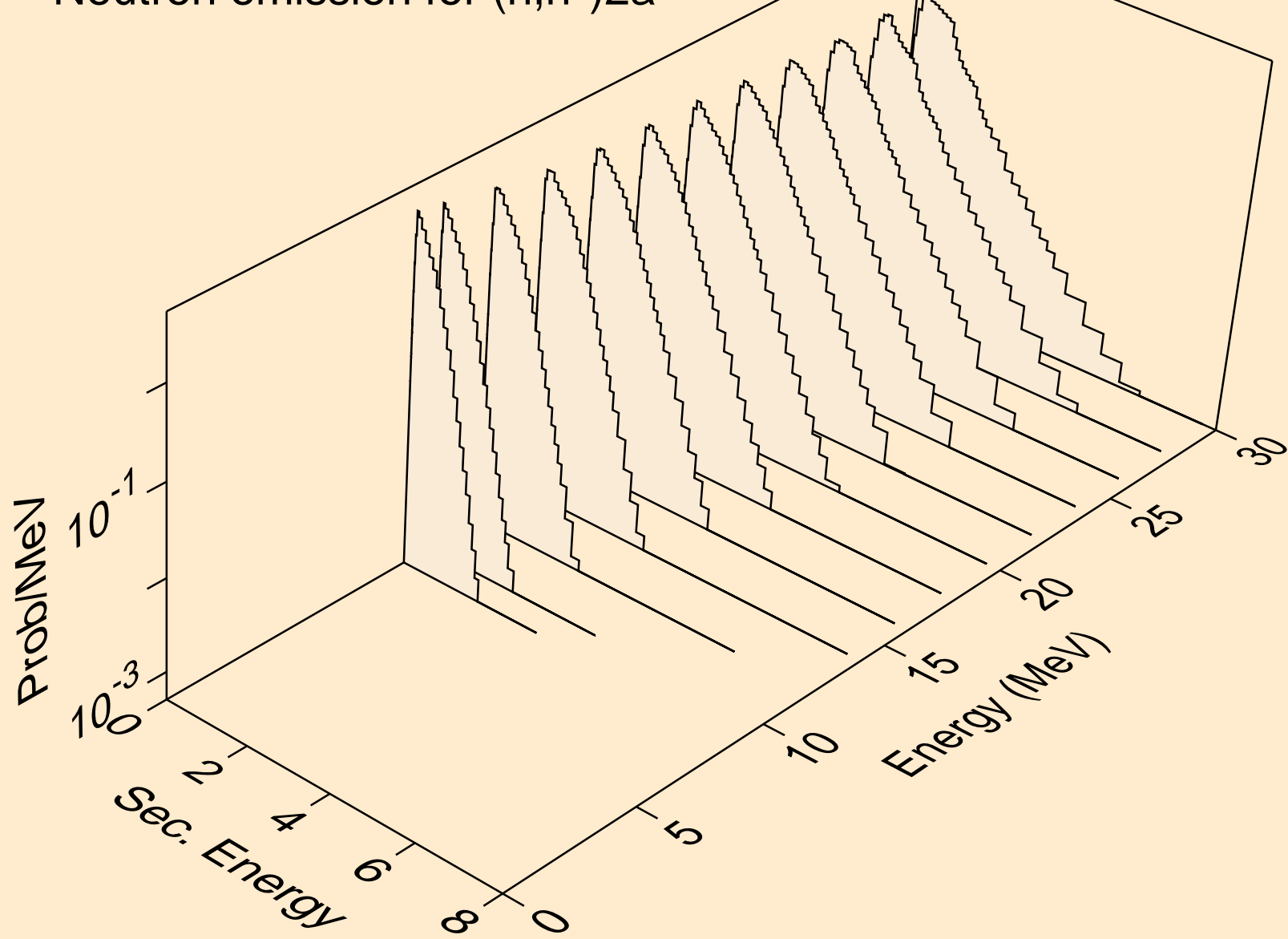
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

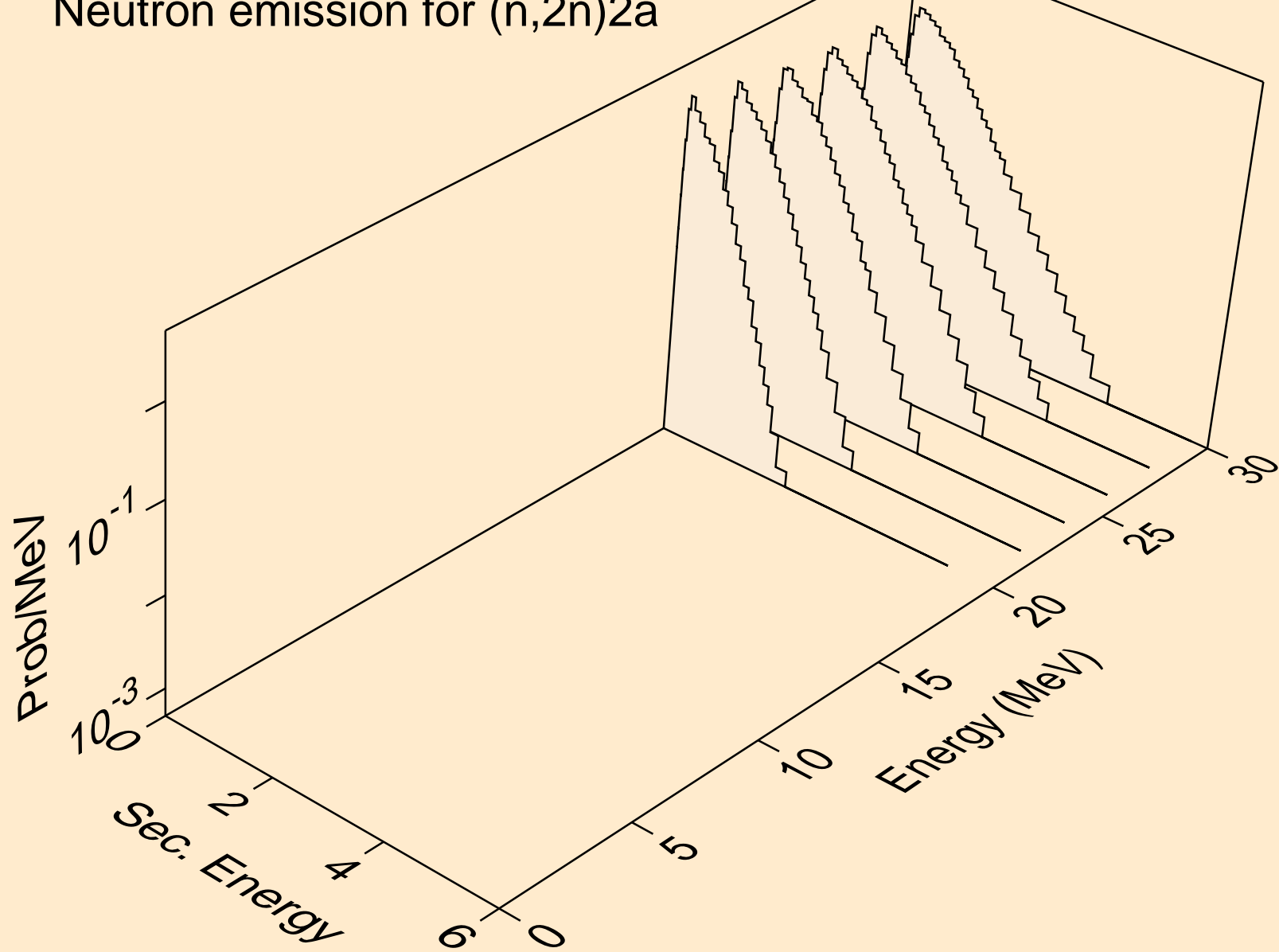


ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

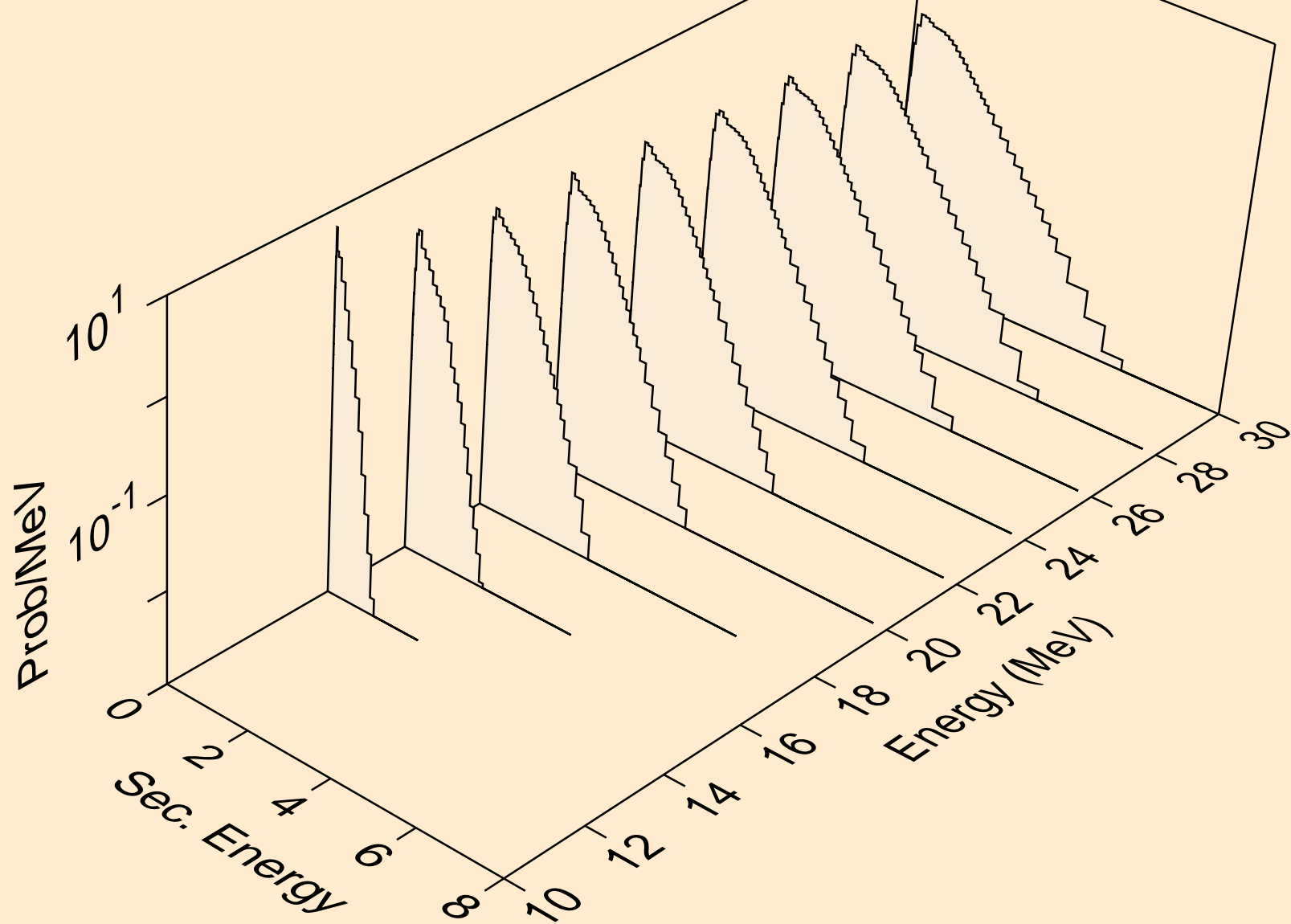




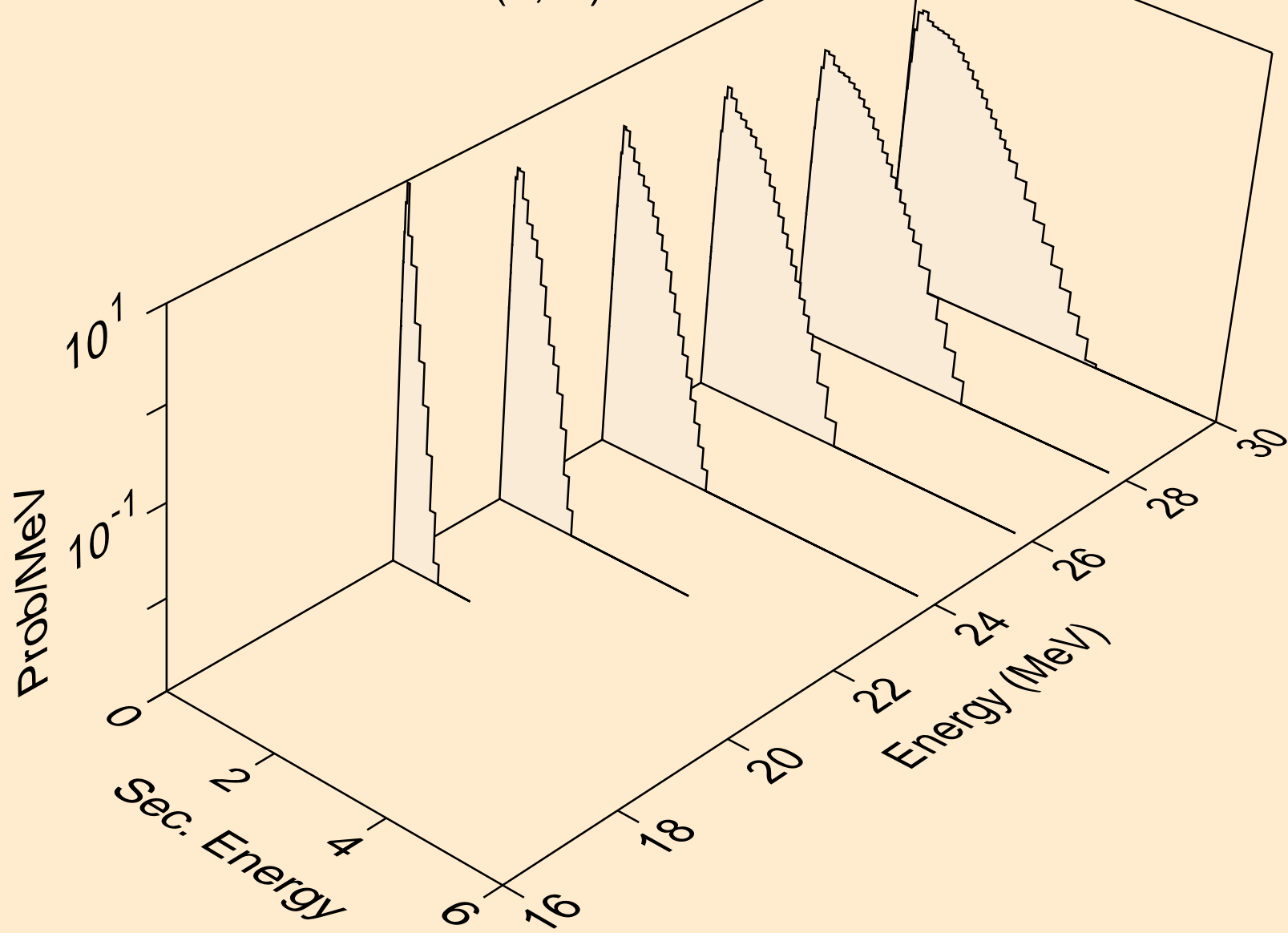
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Neutron emission for (n,2n)2a



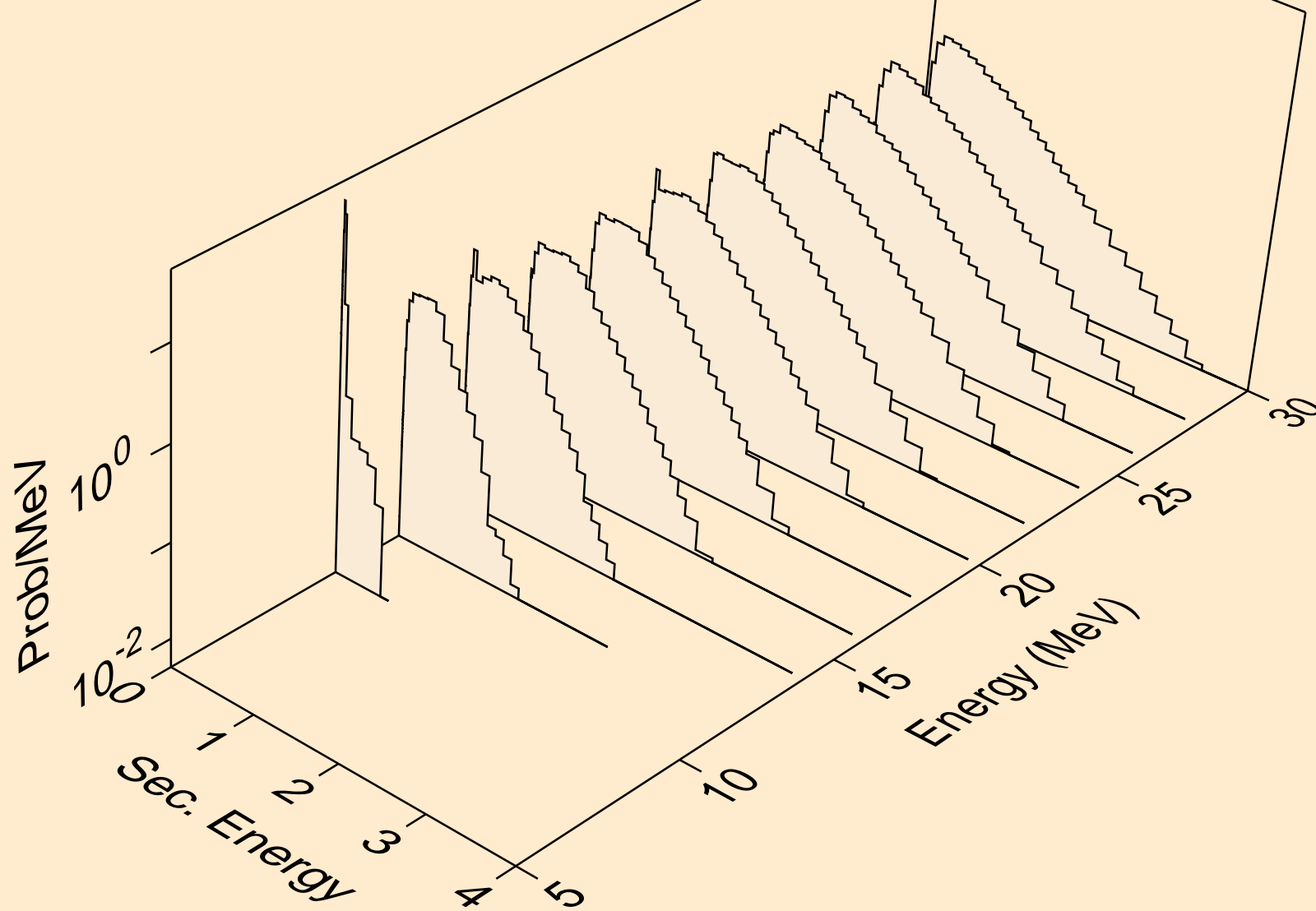
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



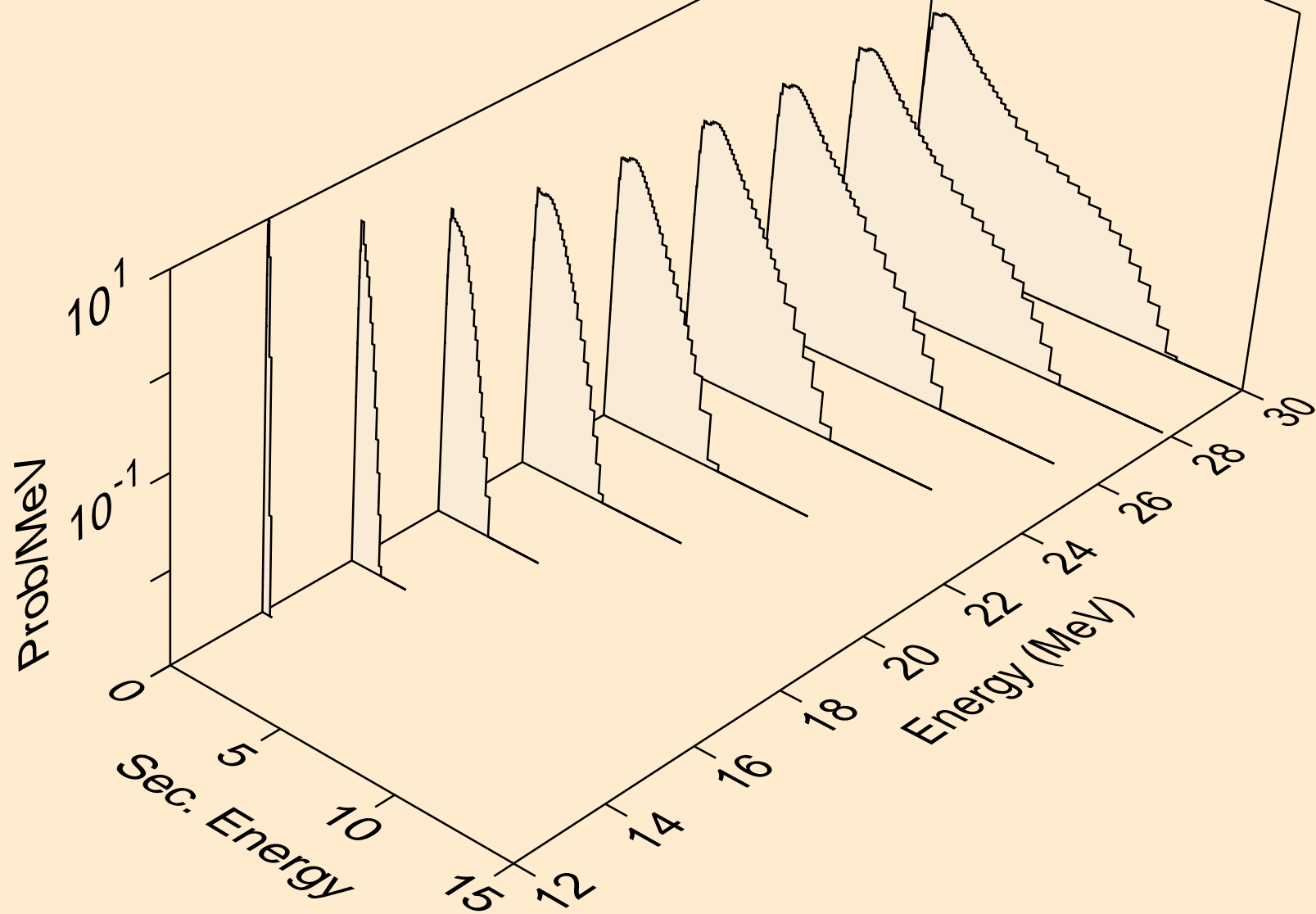
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



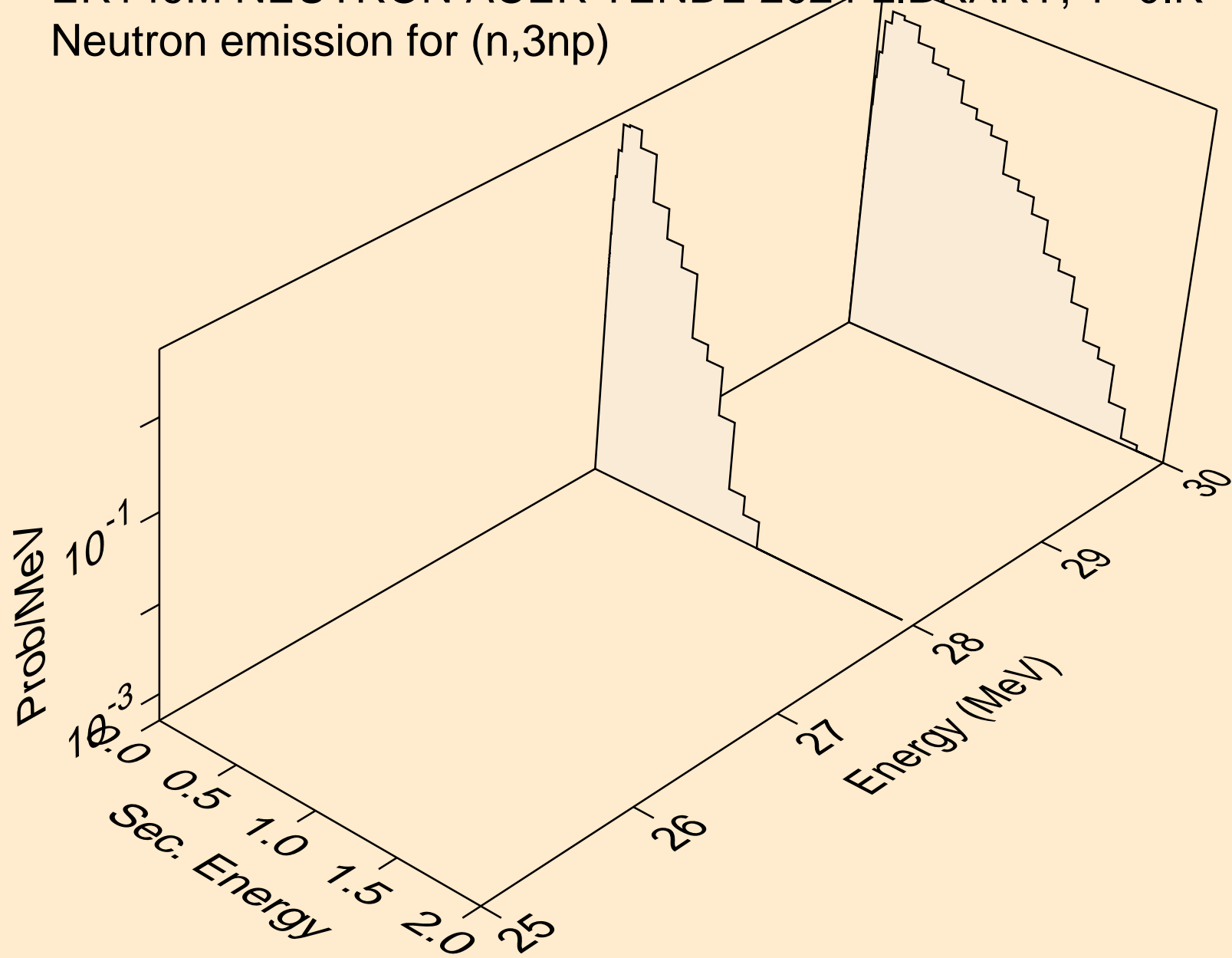
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



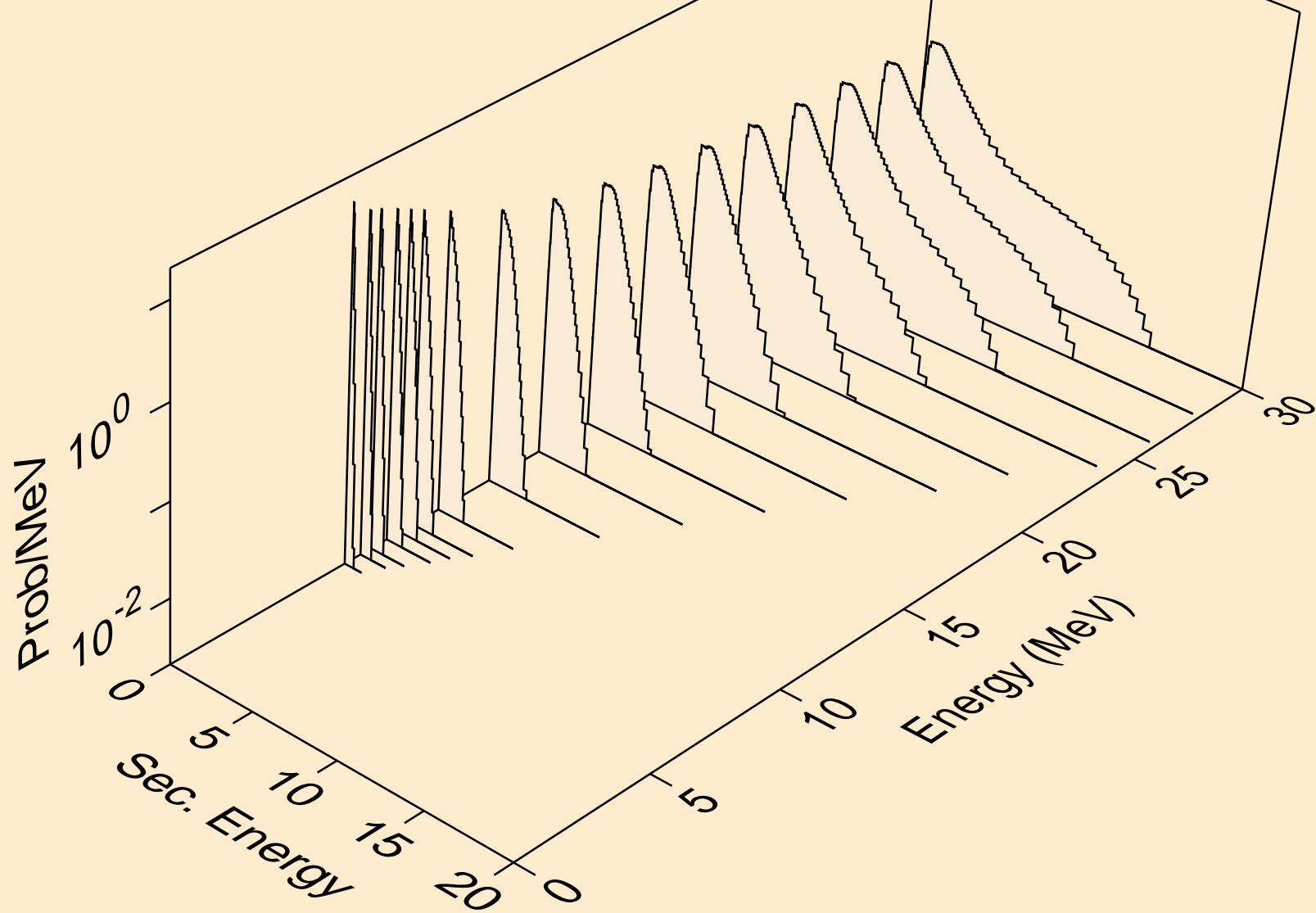
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Neutron emission for (n,2np)



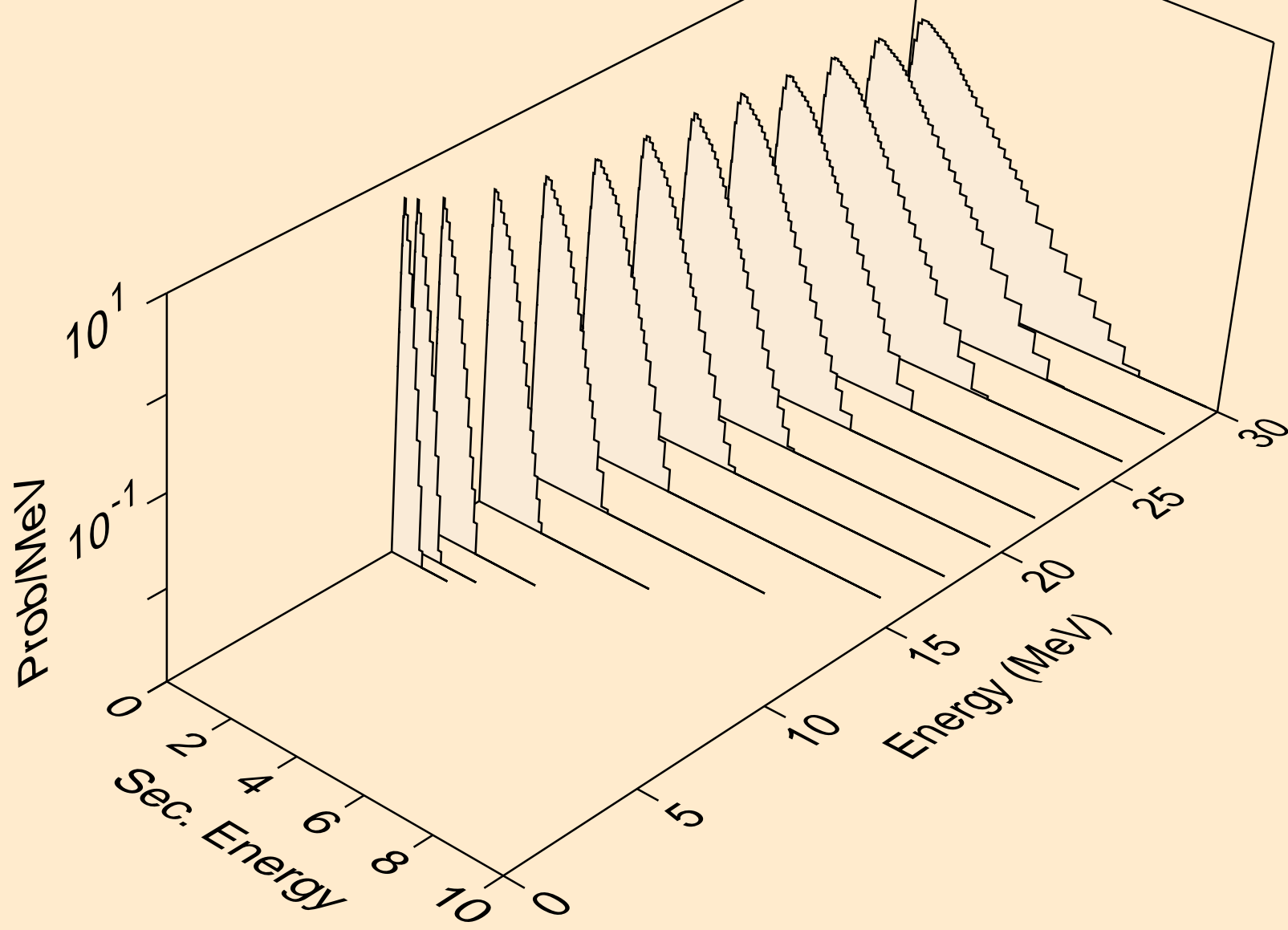
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

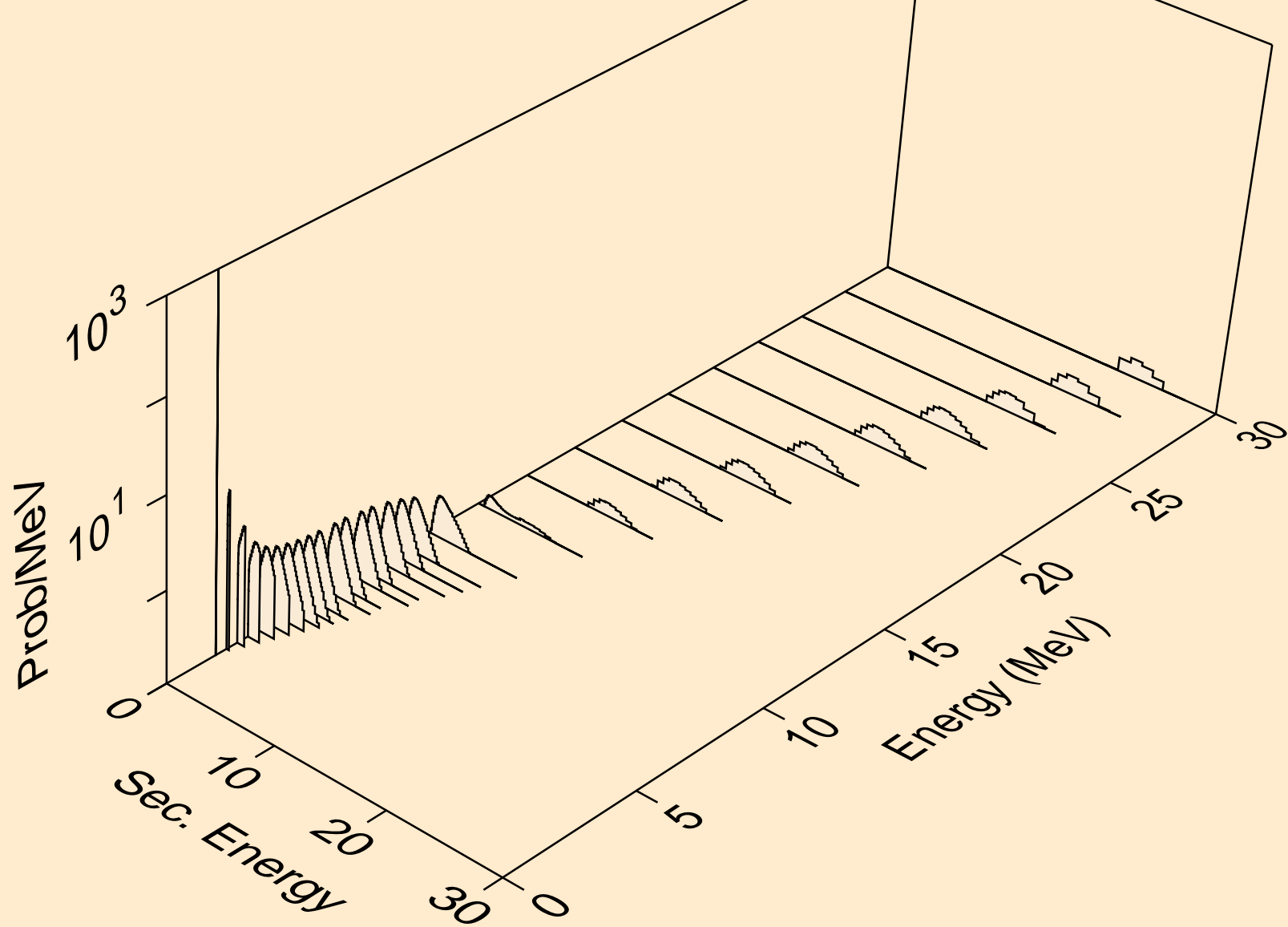


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Neutron emission for (n,npa)

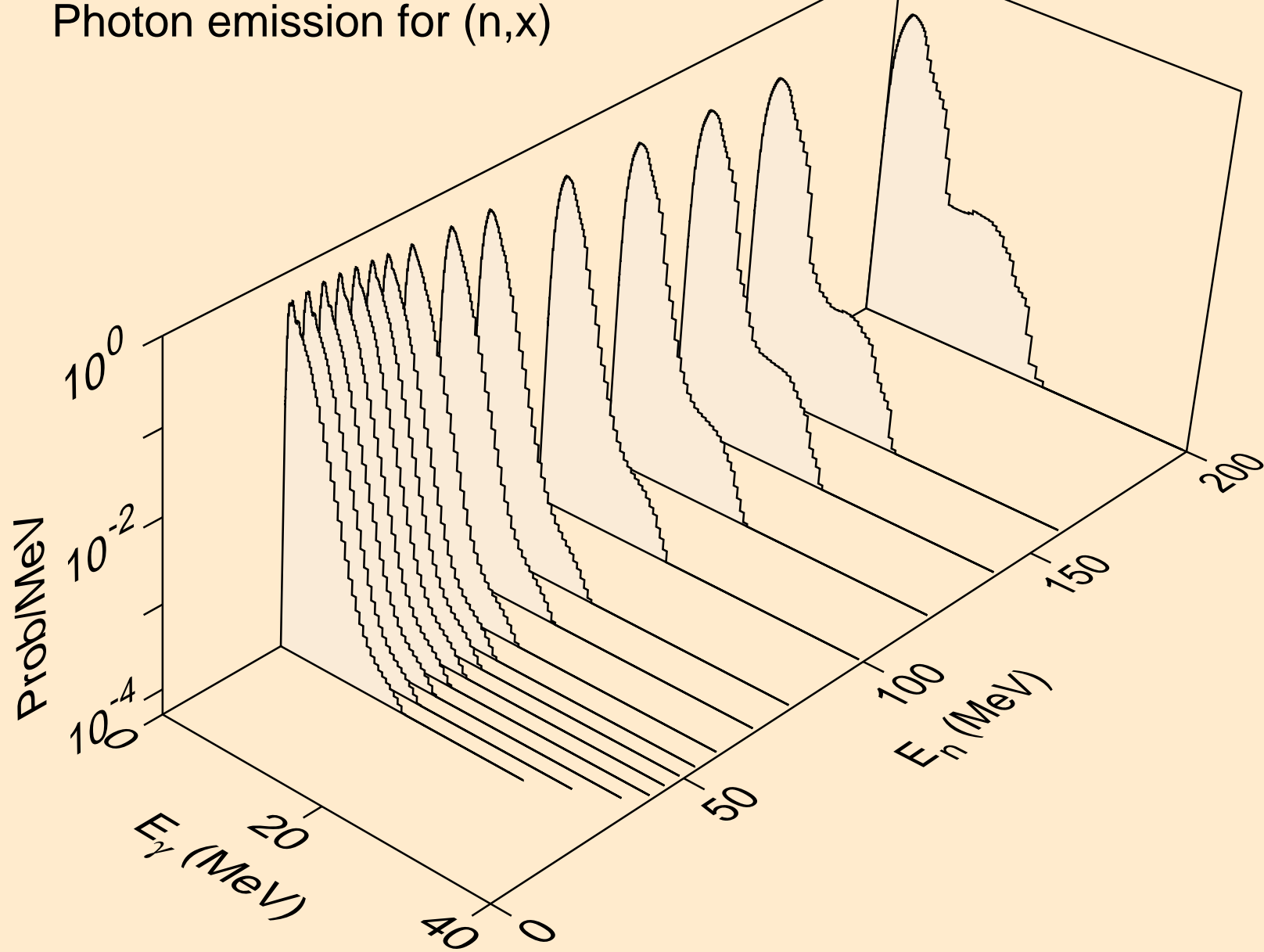




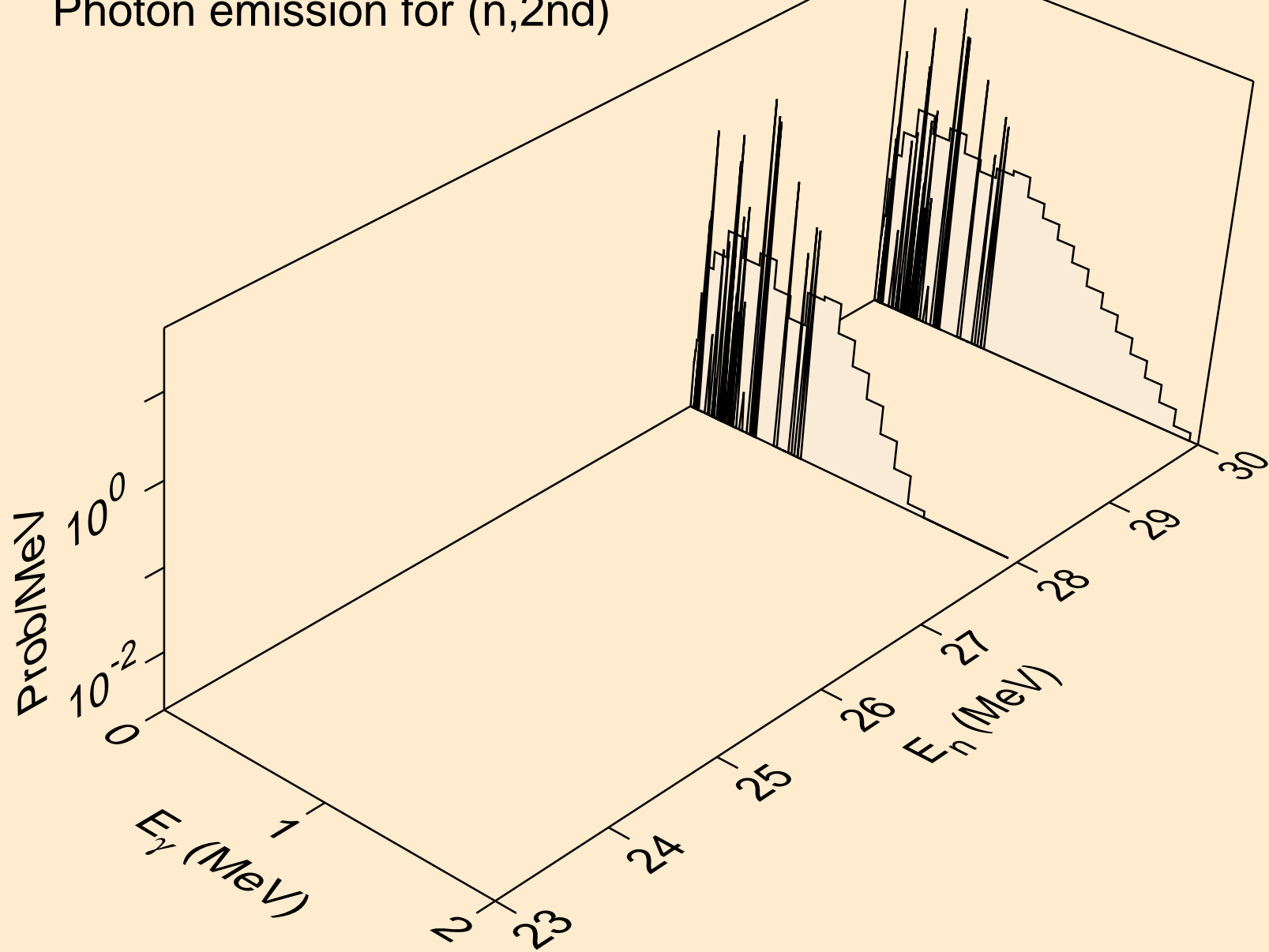
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Neutron emission for (n,n\*c)



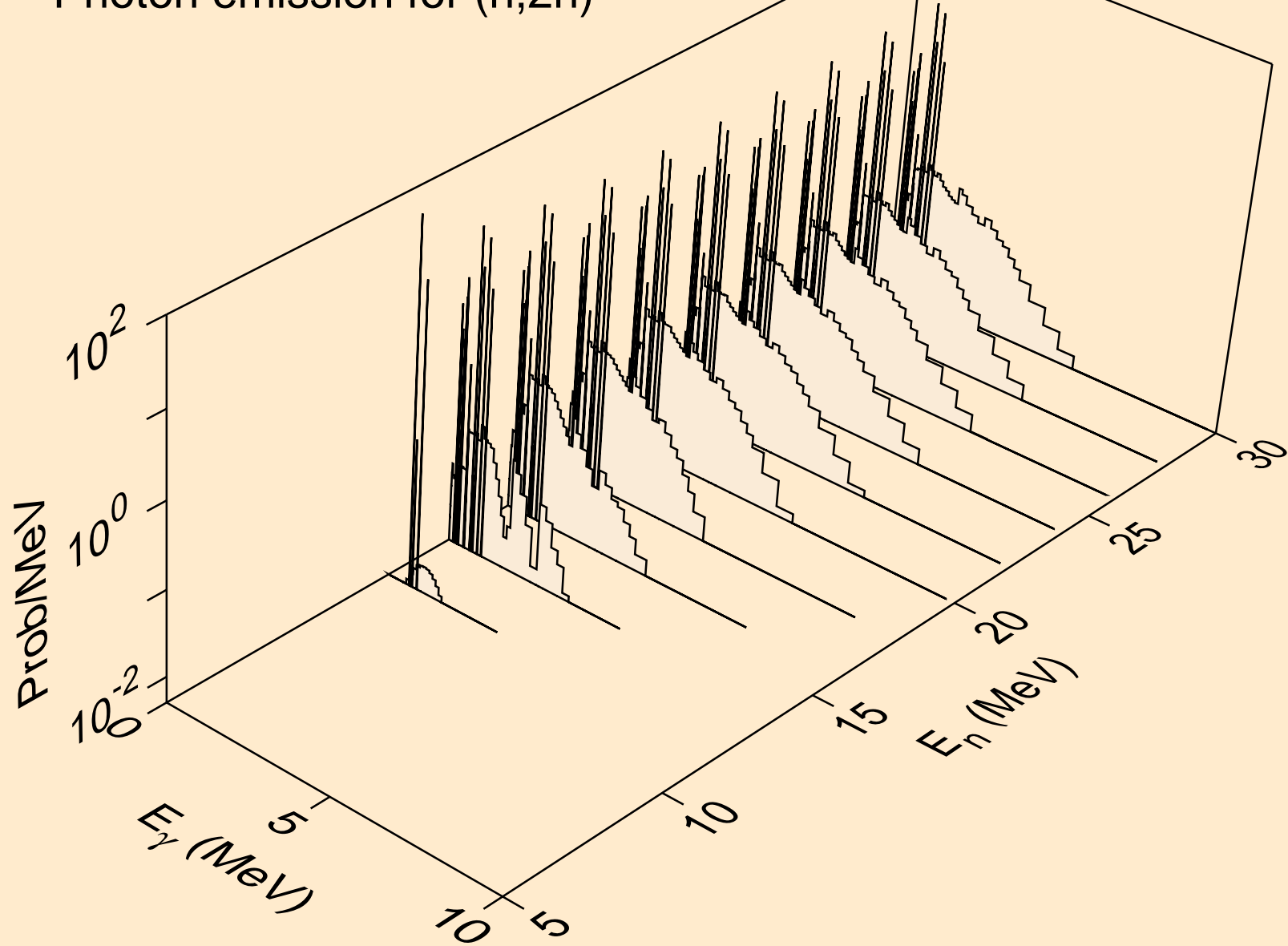
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Photon emission for (n,x)



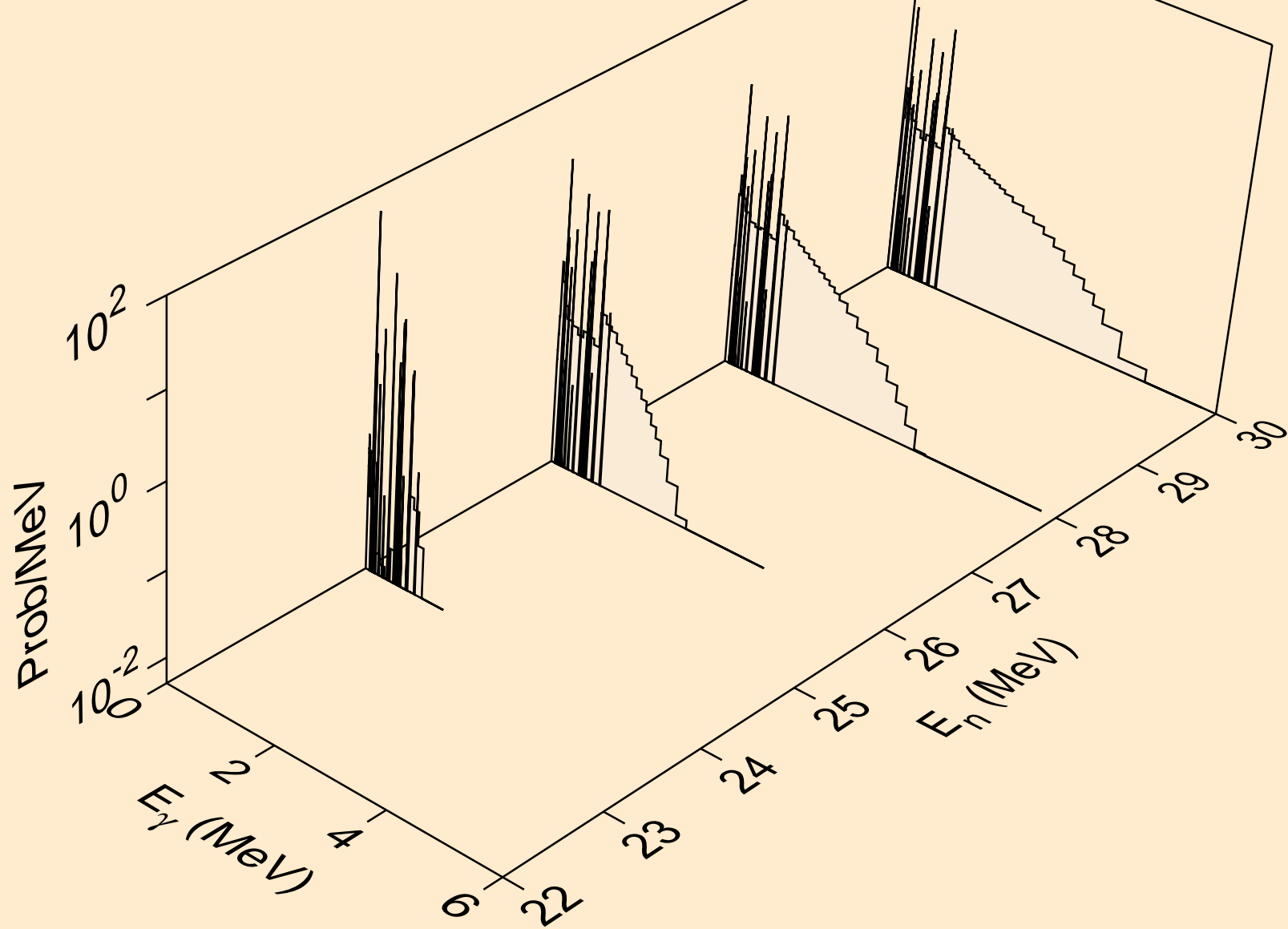
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Photon emission for (n,2nd)



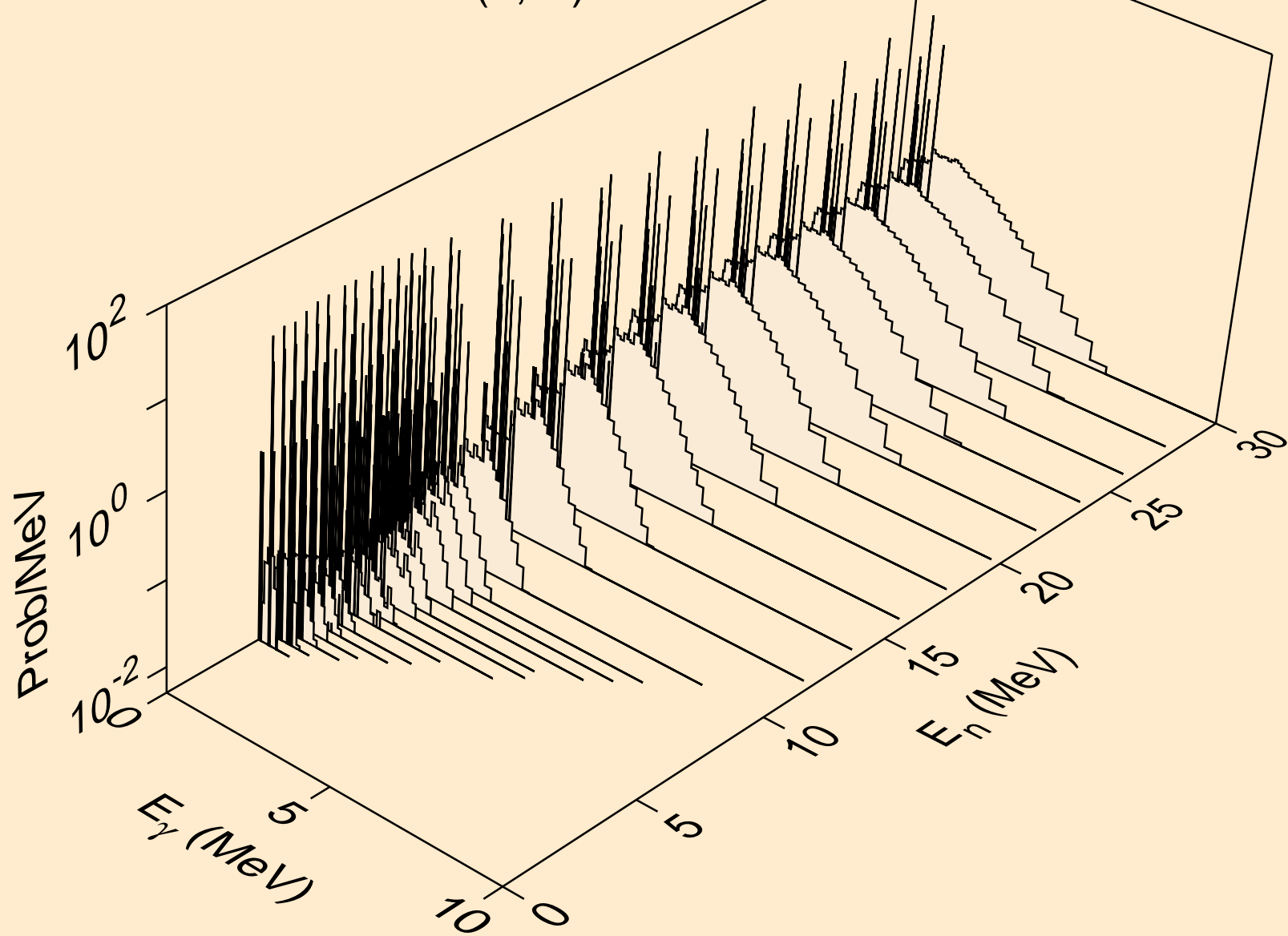
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Photon emission for (n,2n)



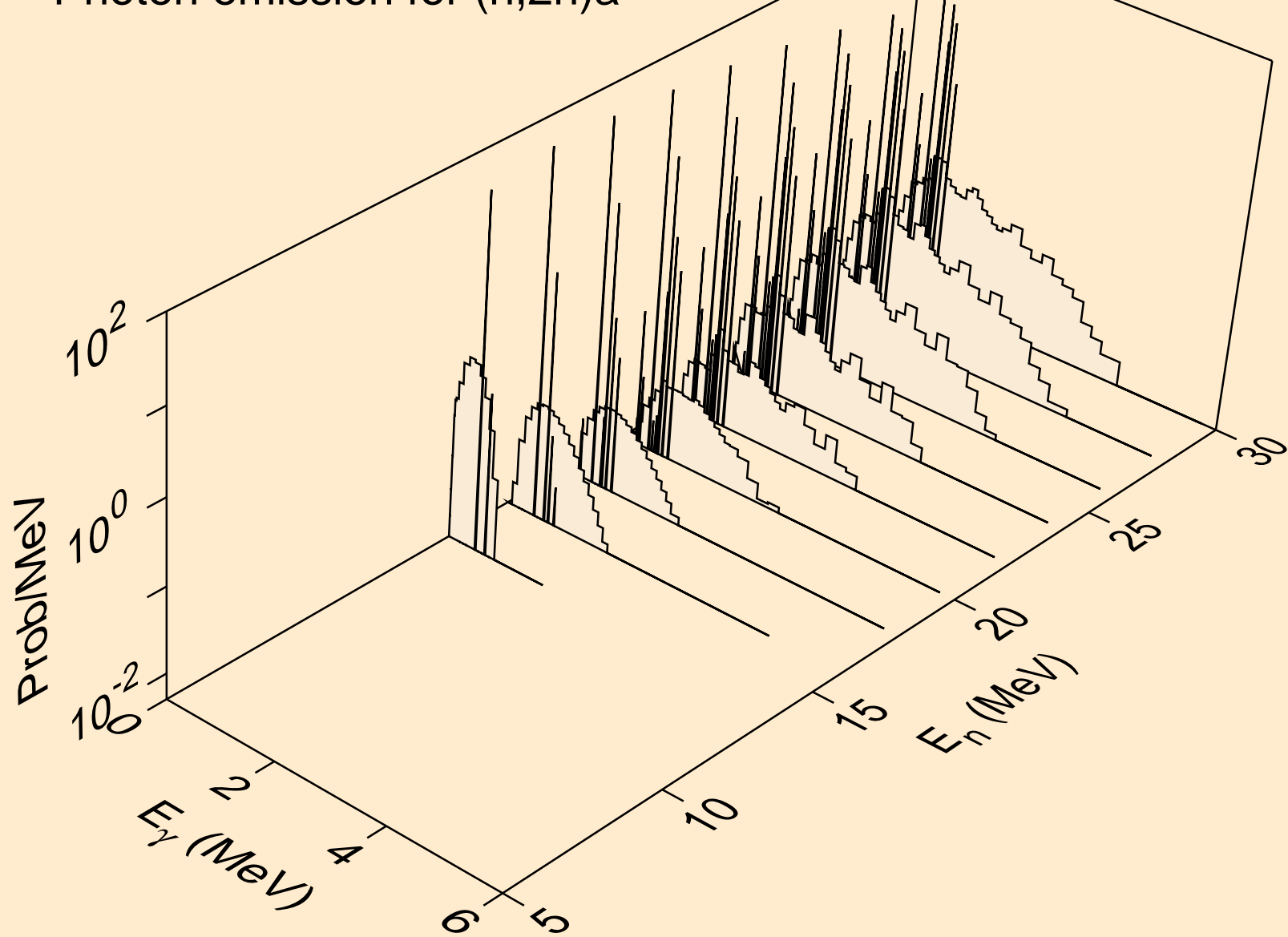
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Photon emission for (n,3n)



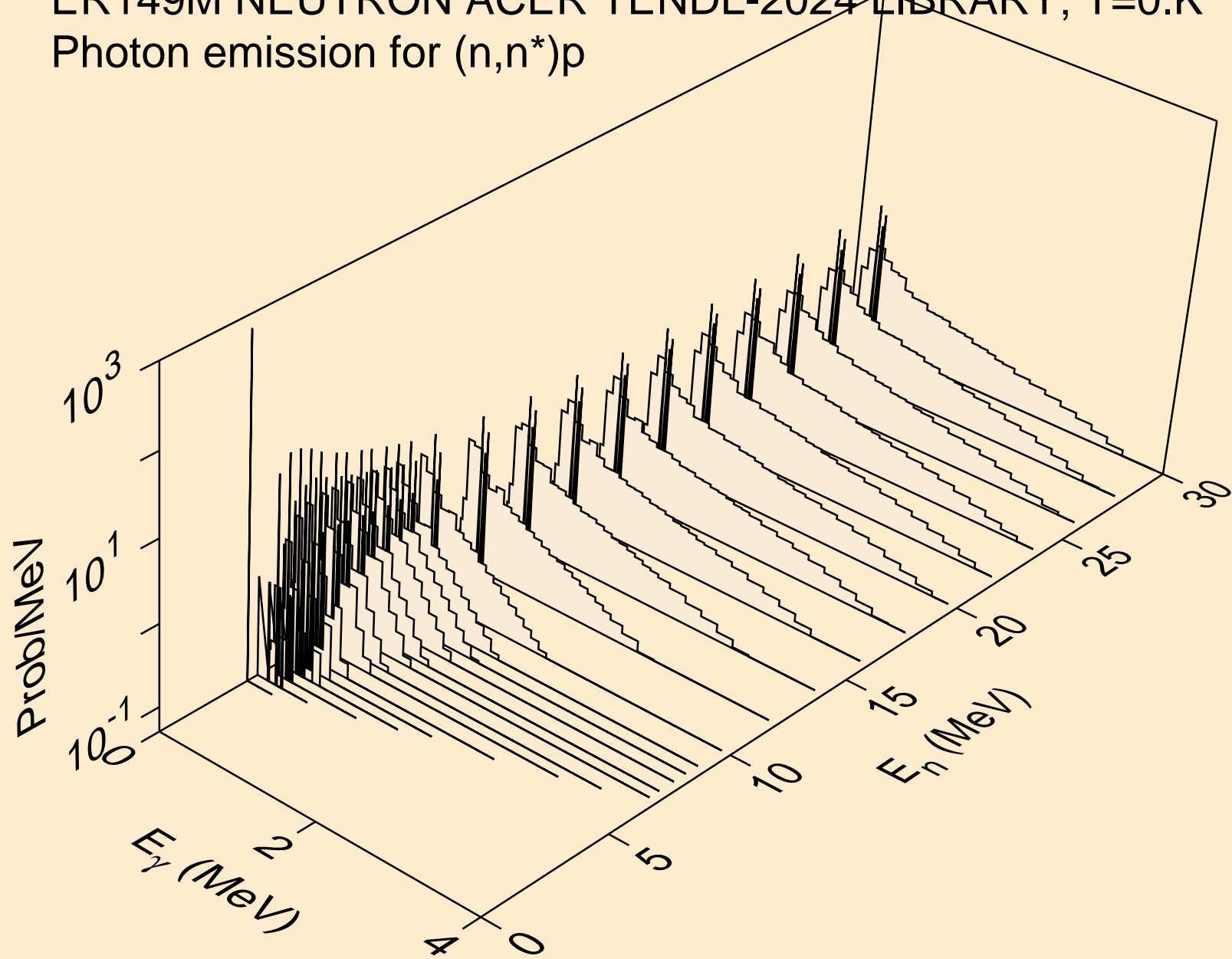
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

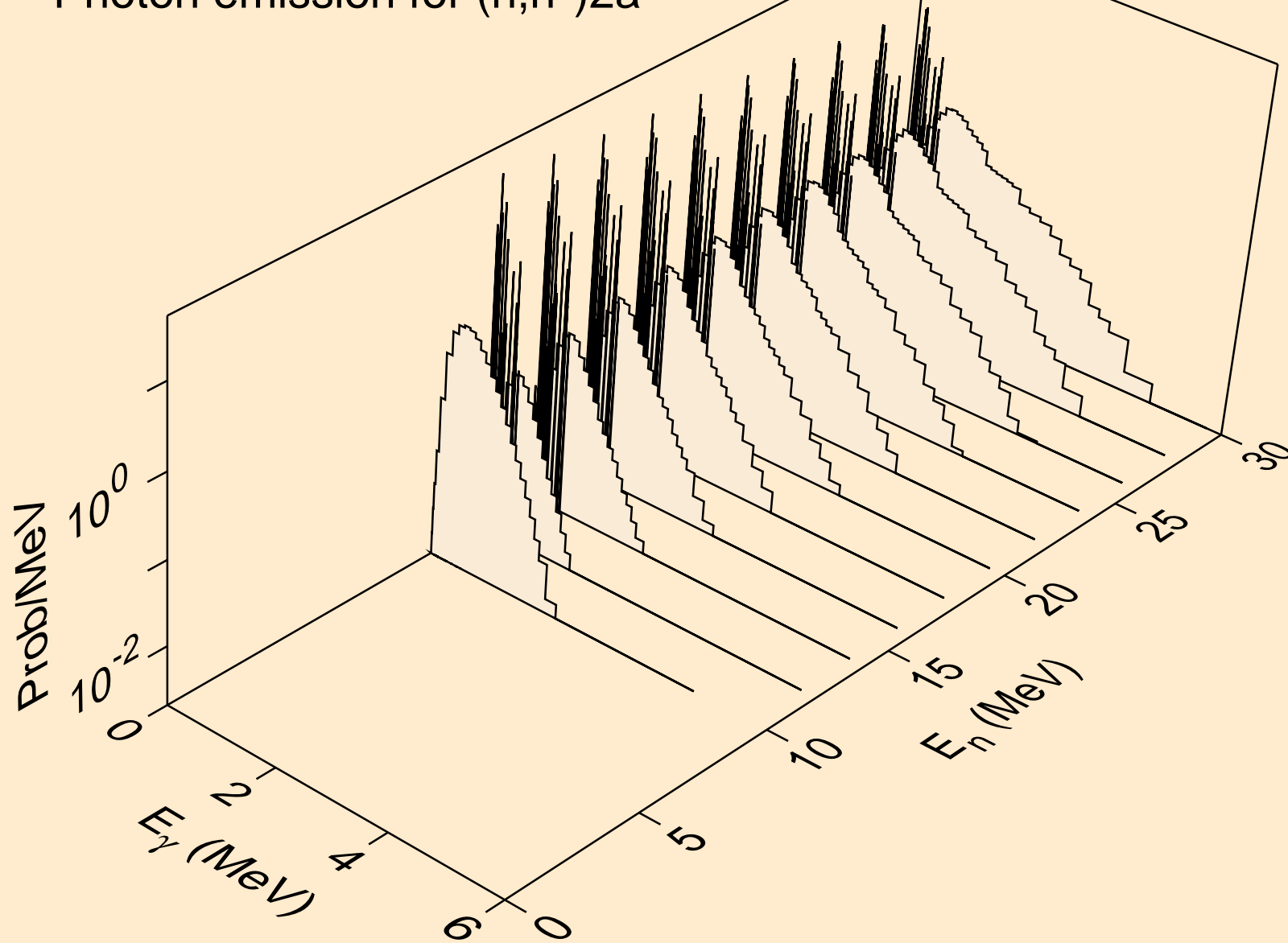


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Photon emission for (n,n\*)p

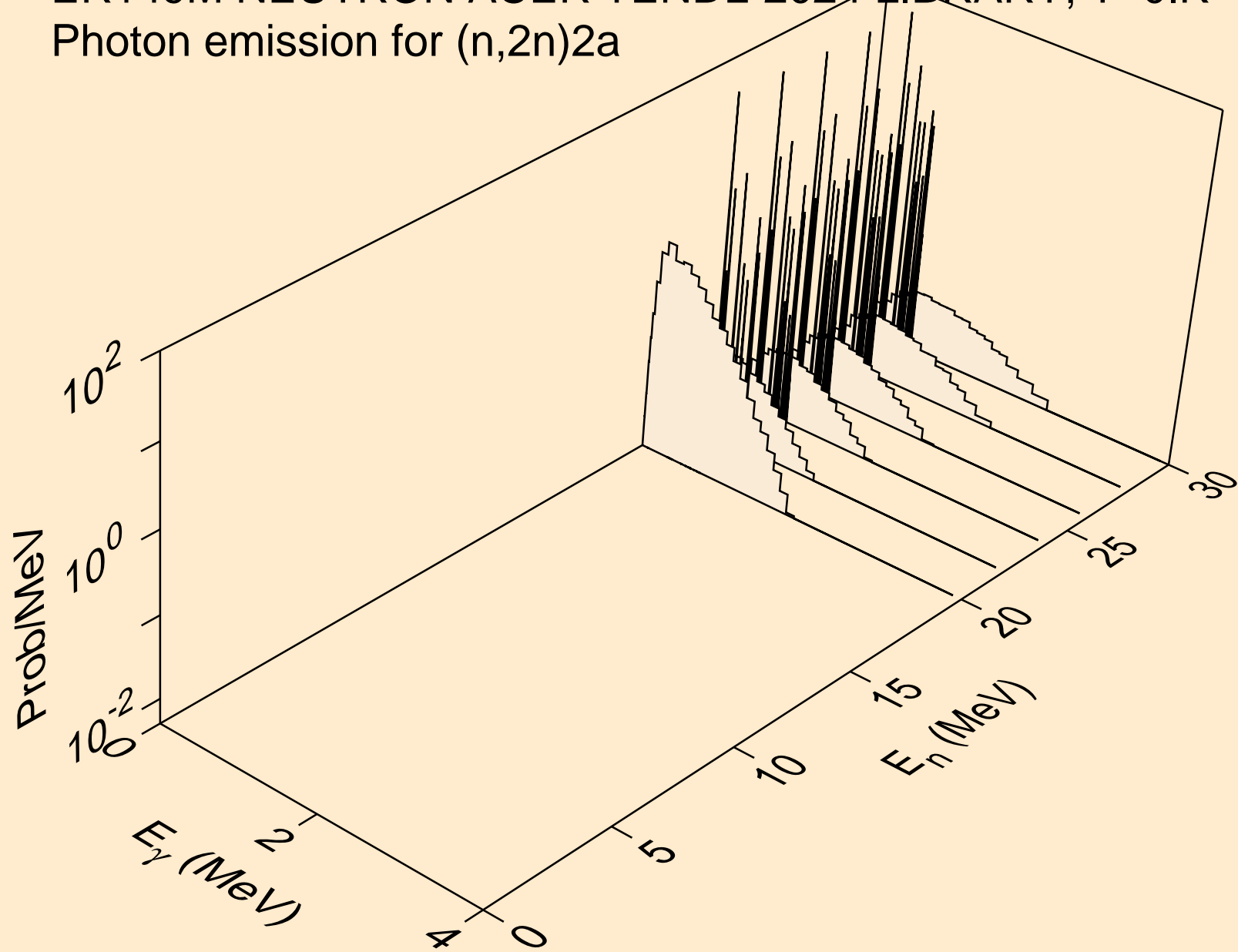




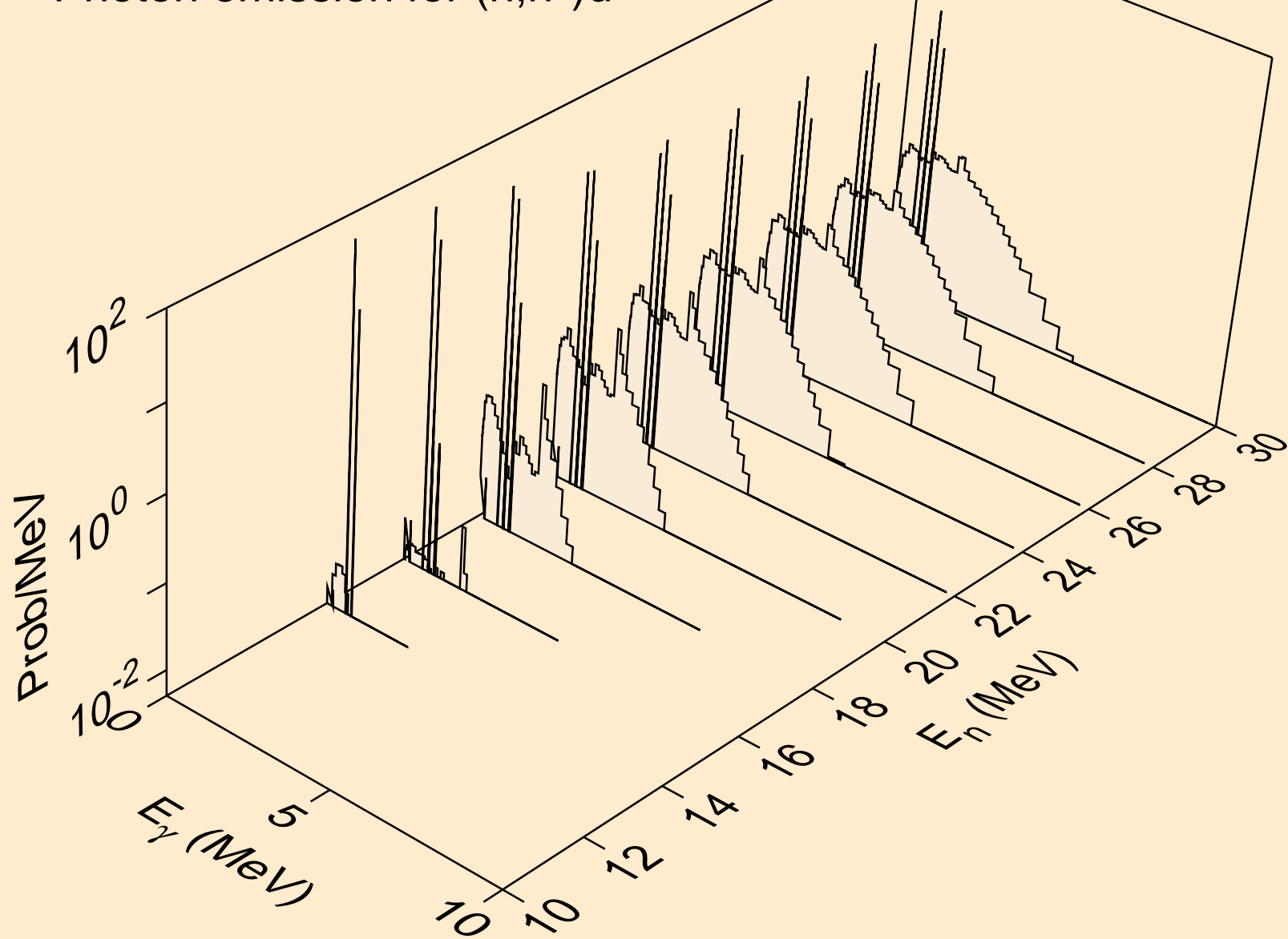
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Photon emission for (n,n\*)2a



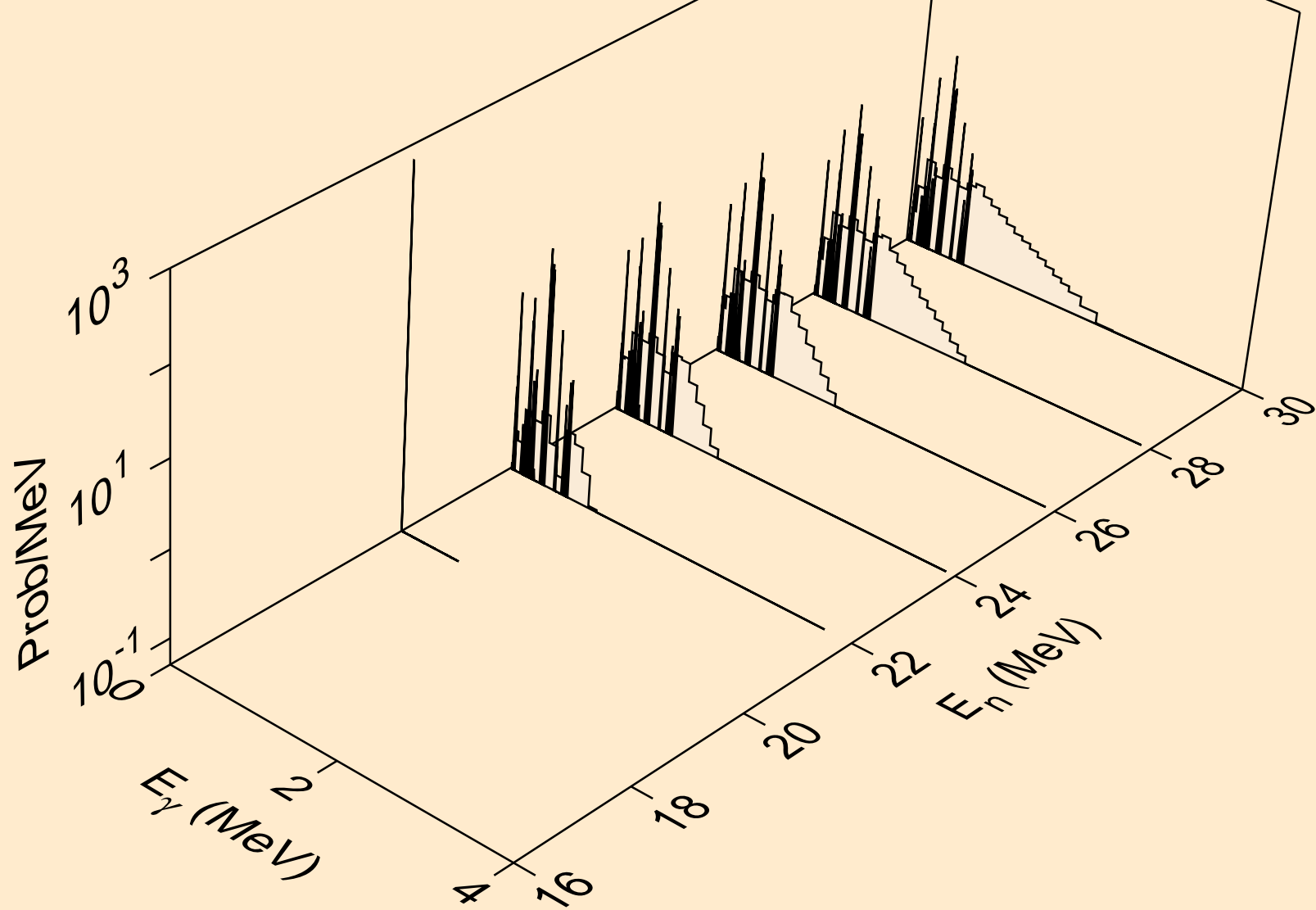
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Photon emission for (n,2n)2a



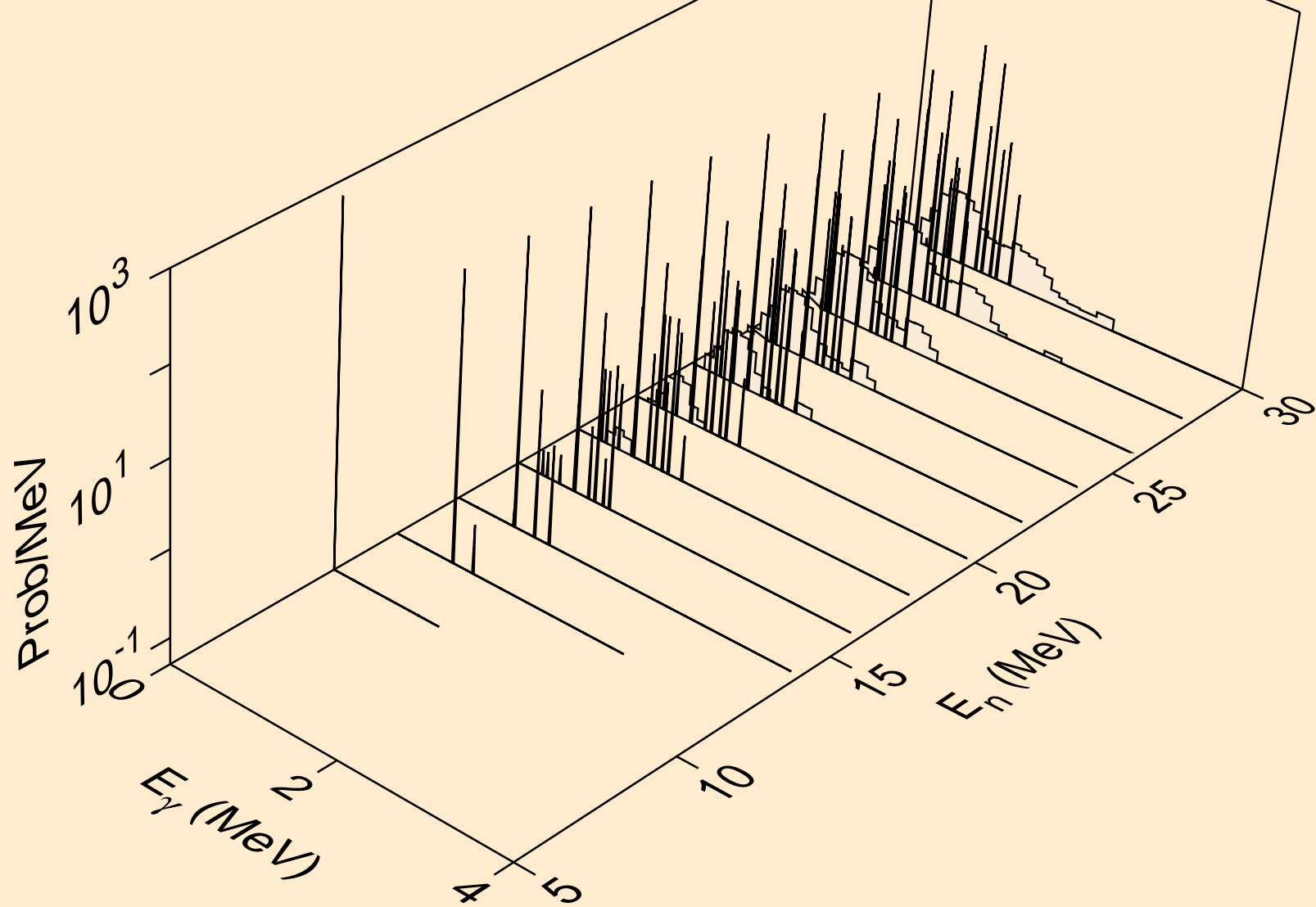
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Photon emission for (n,n\*)d



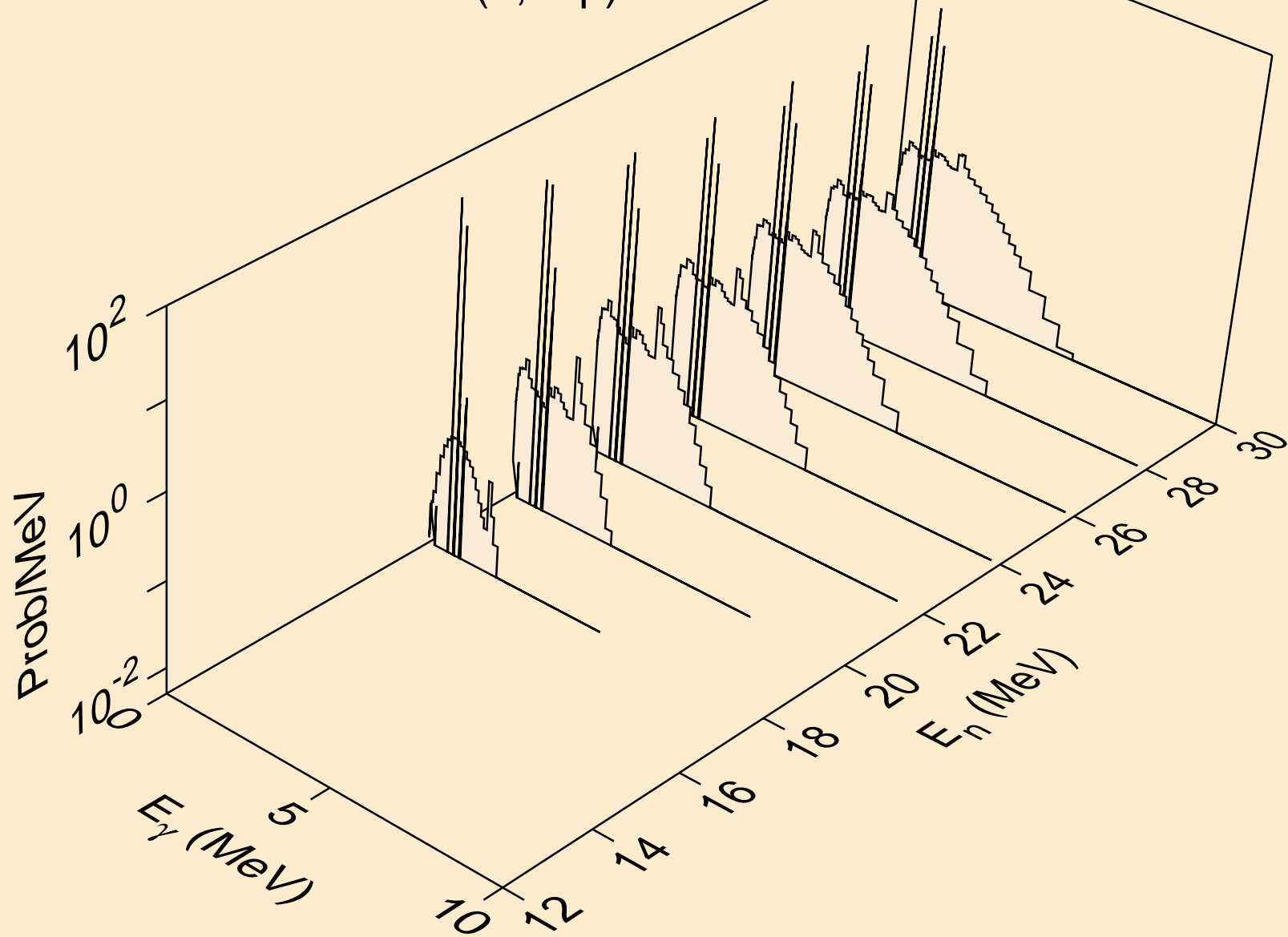
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Photon emission for (n,n\*)t



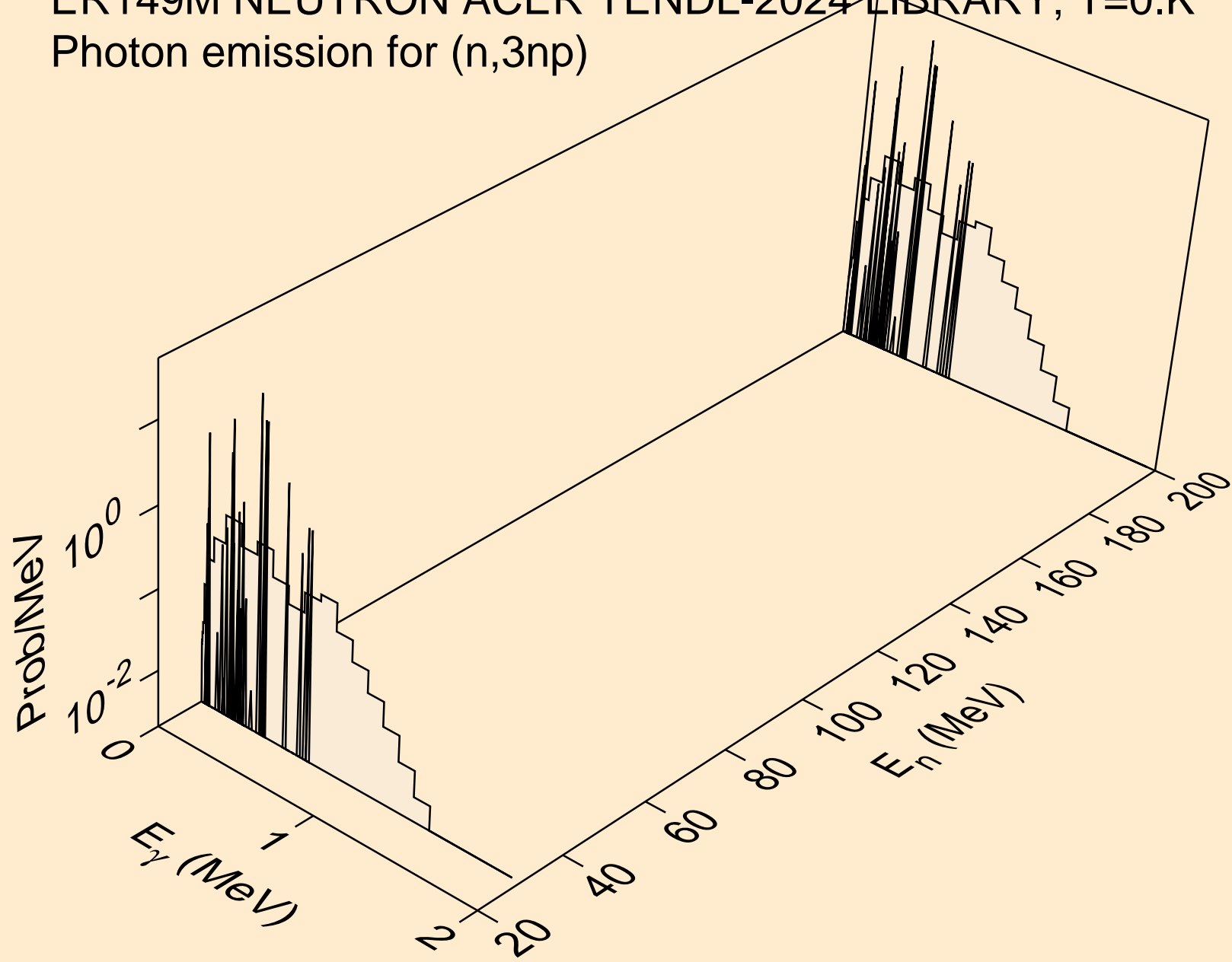
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



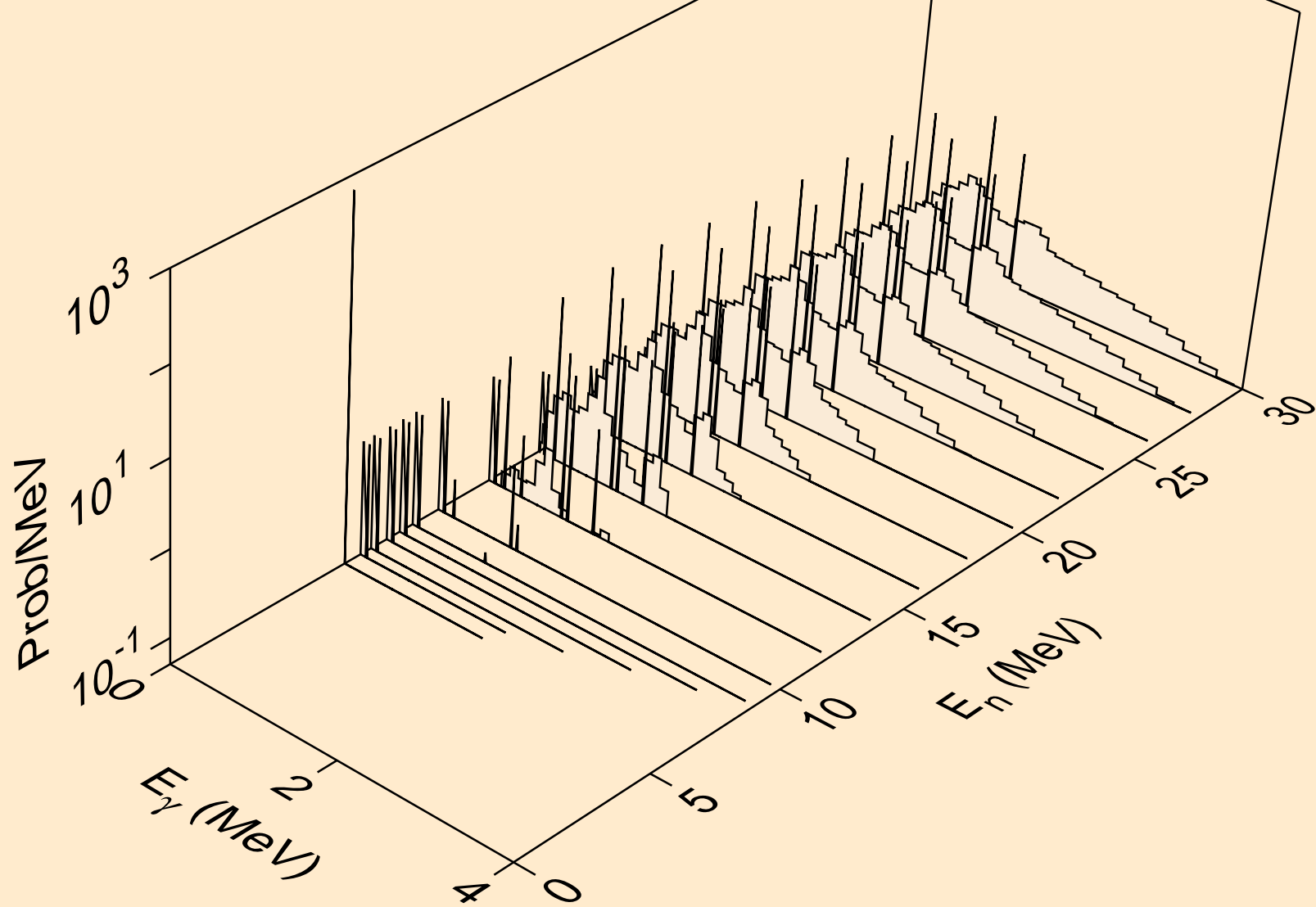
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

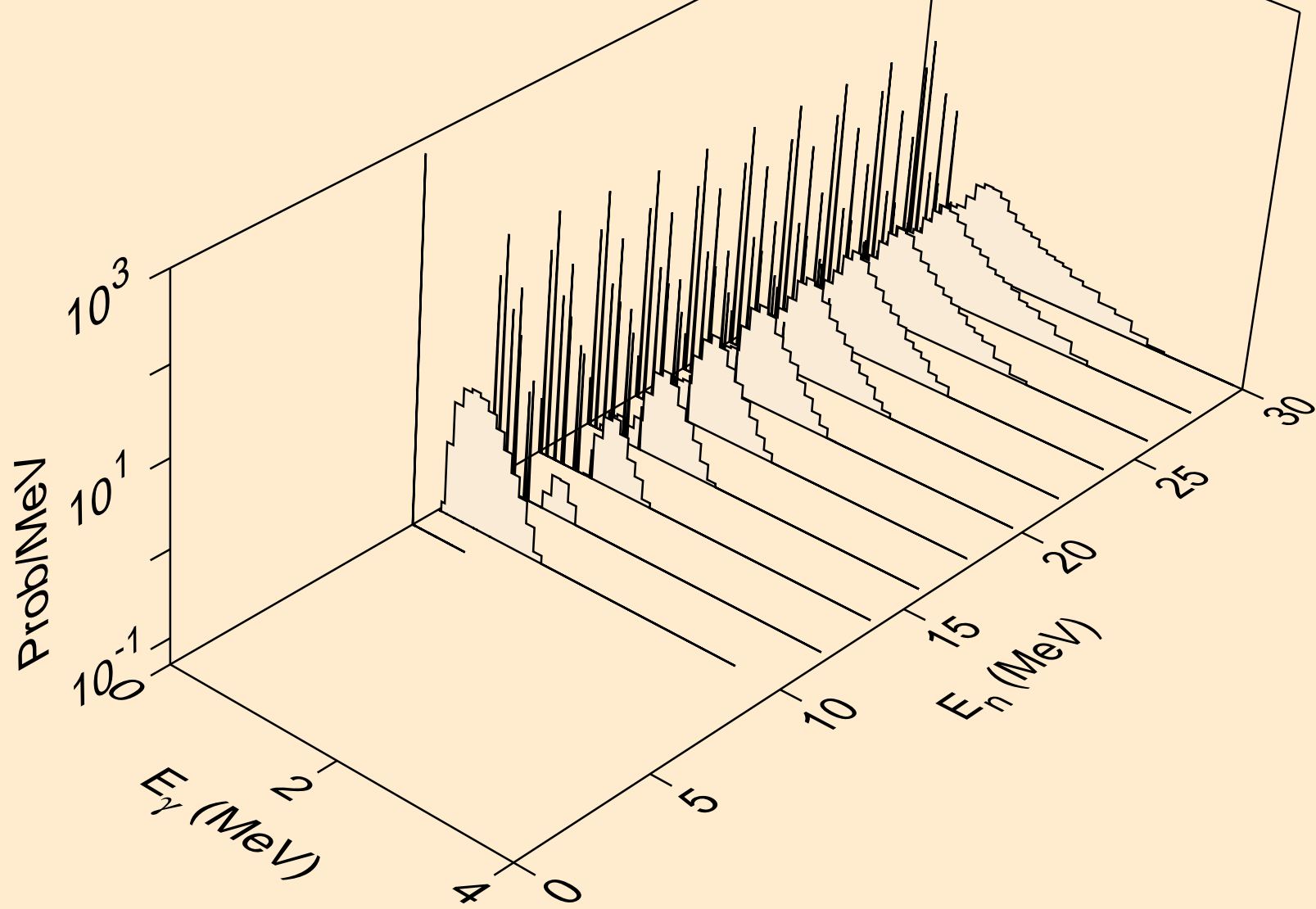


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Photon emission for (n,n2p)

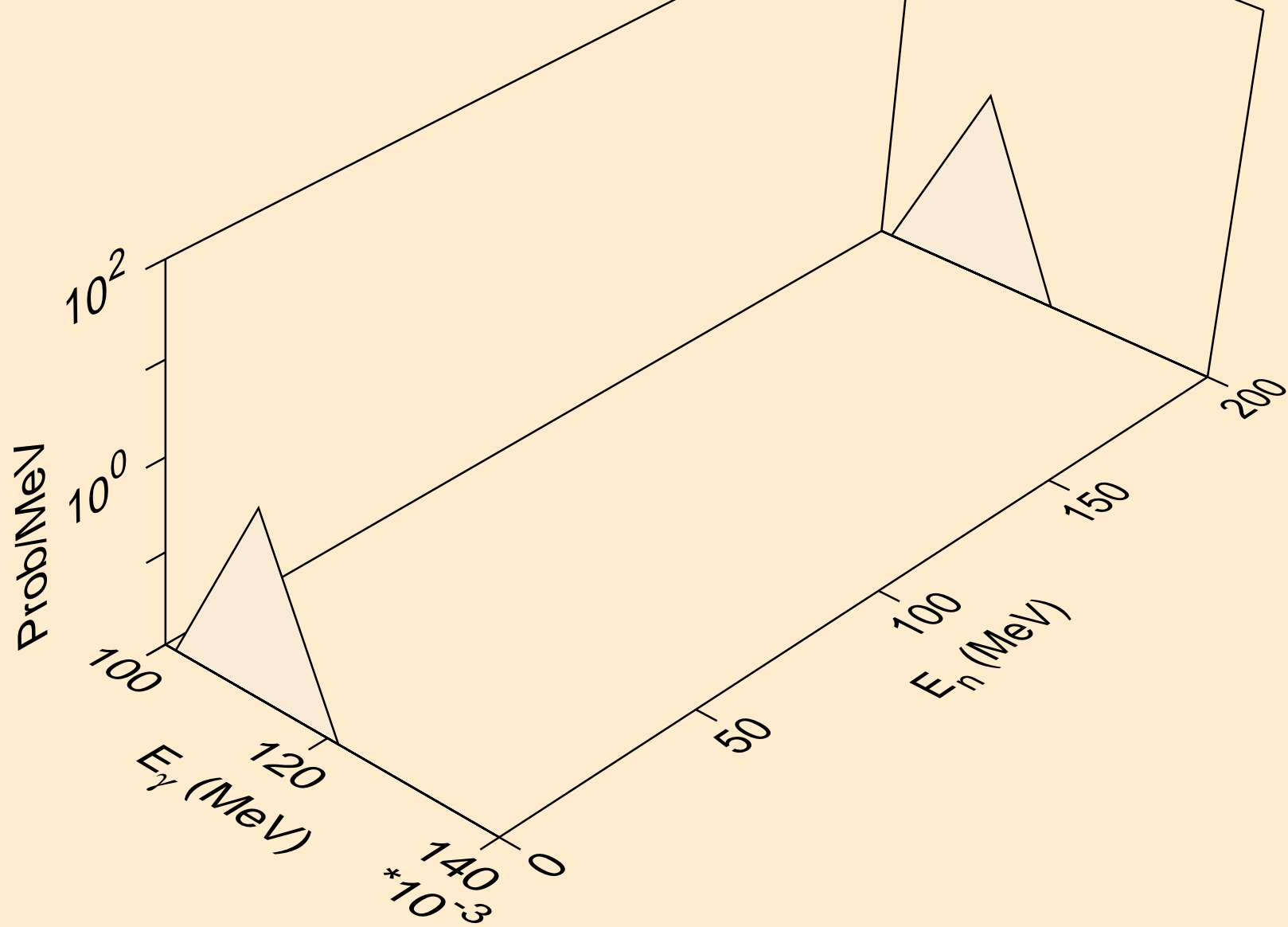




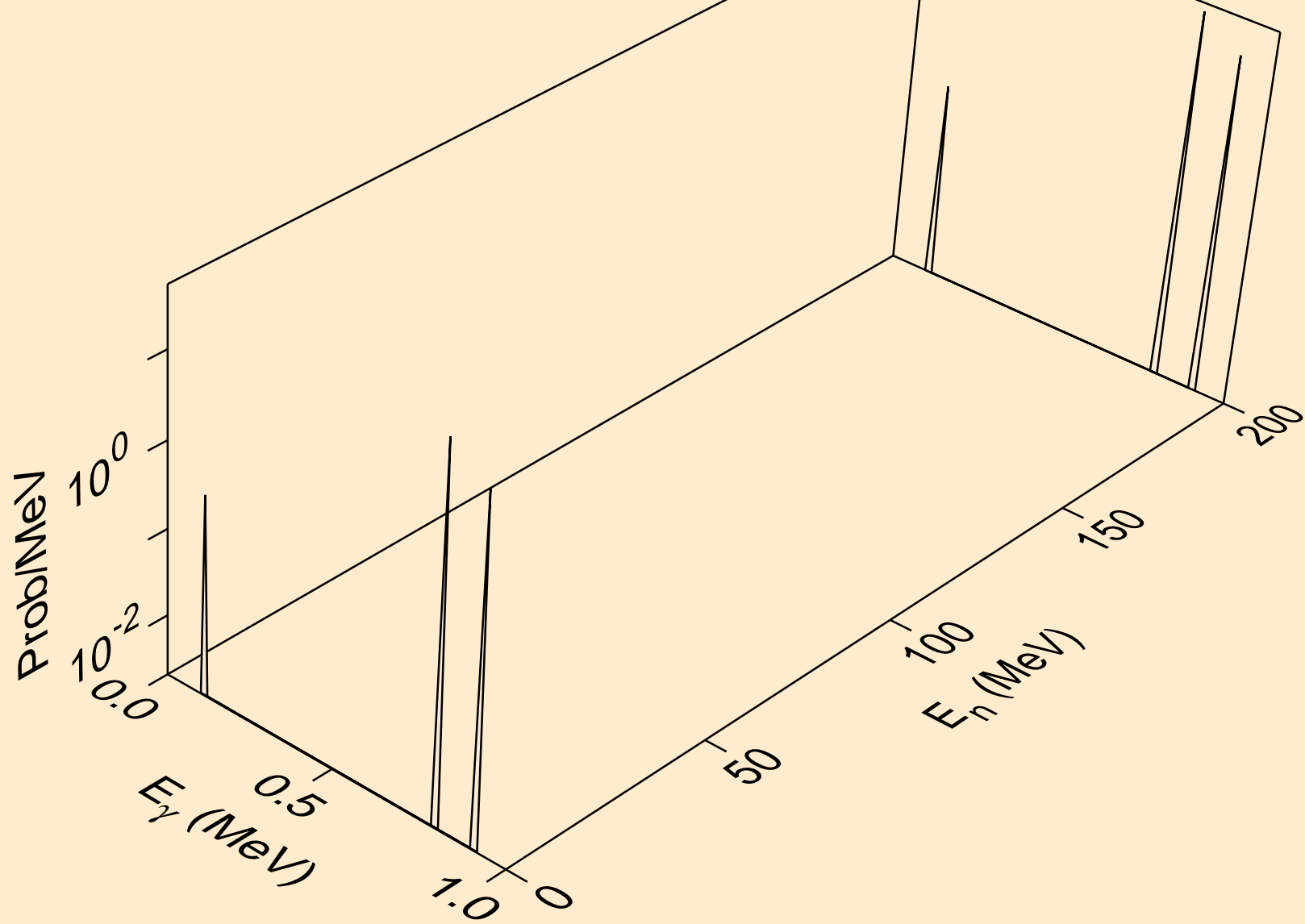
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Photon emission for (n,npa)



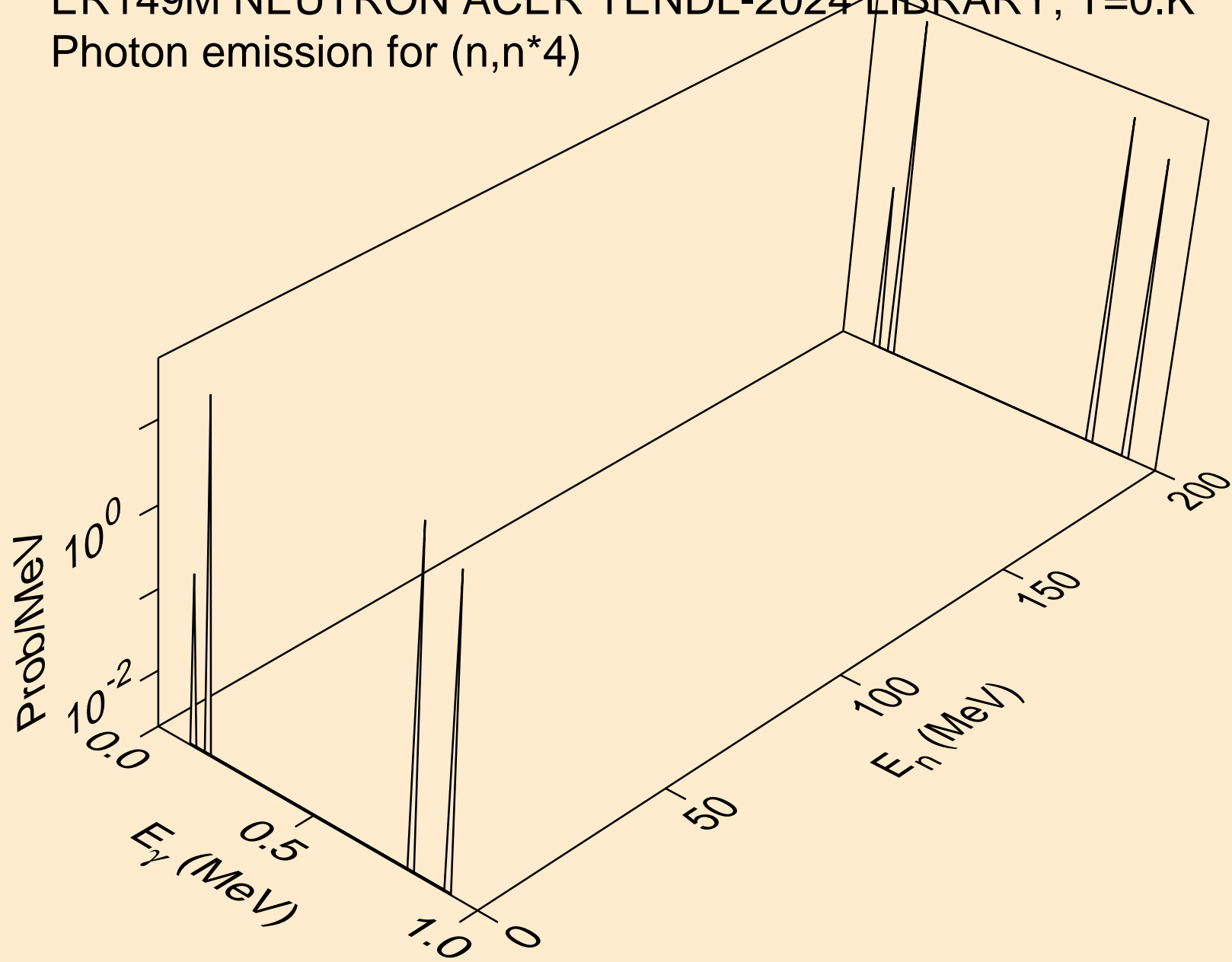
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Photon emission for (n,n\*1)



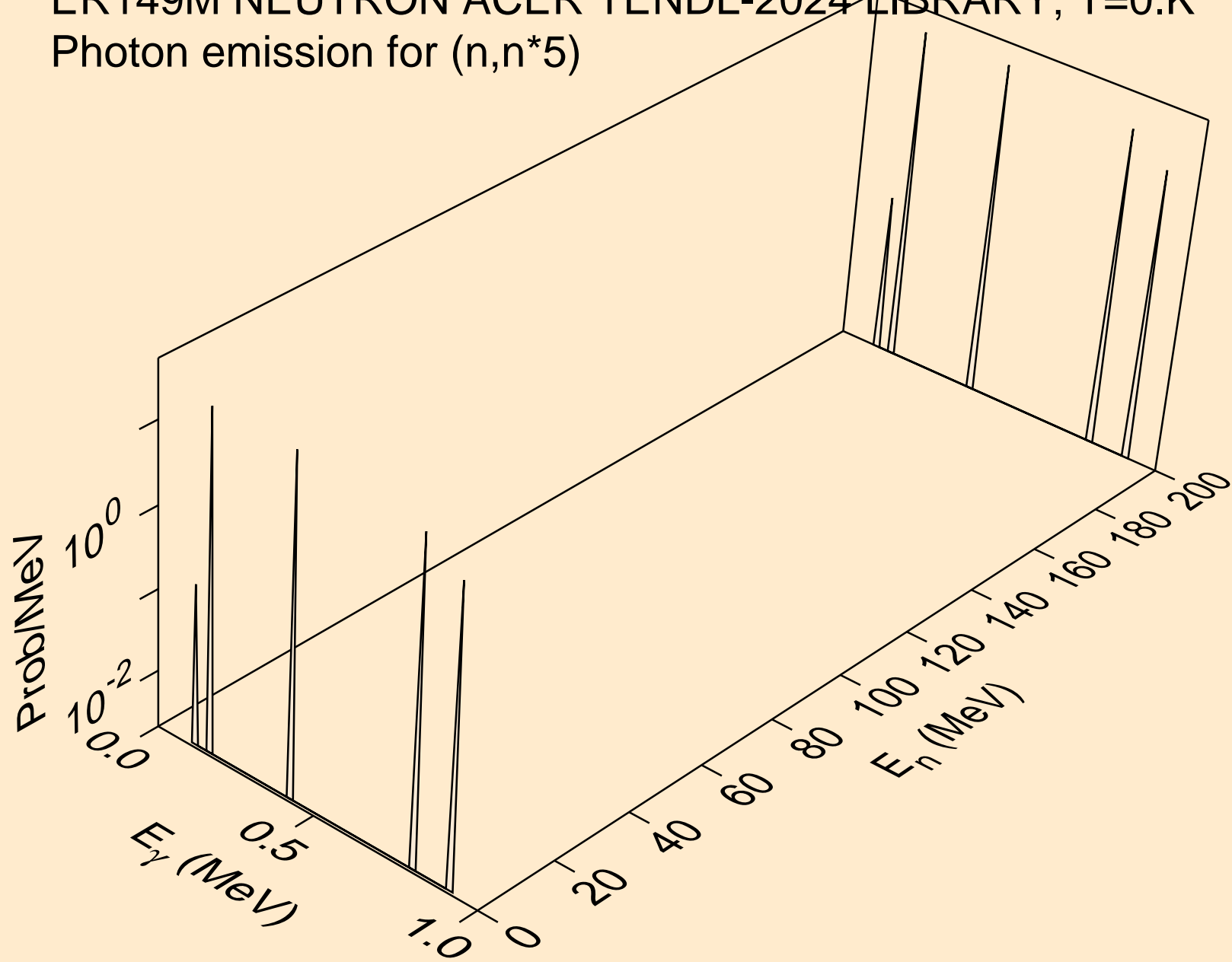
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Photon emission for (n,n\*3)



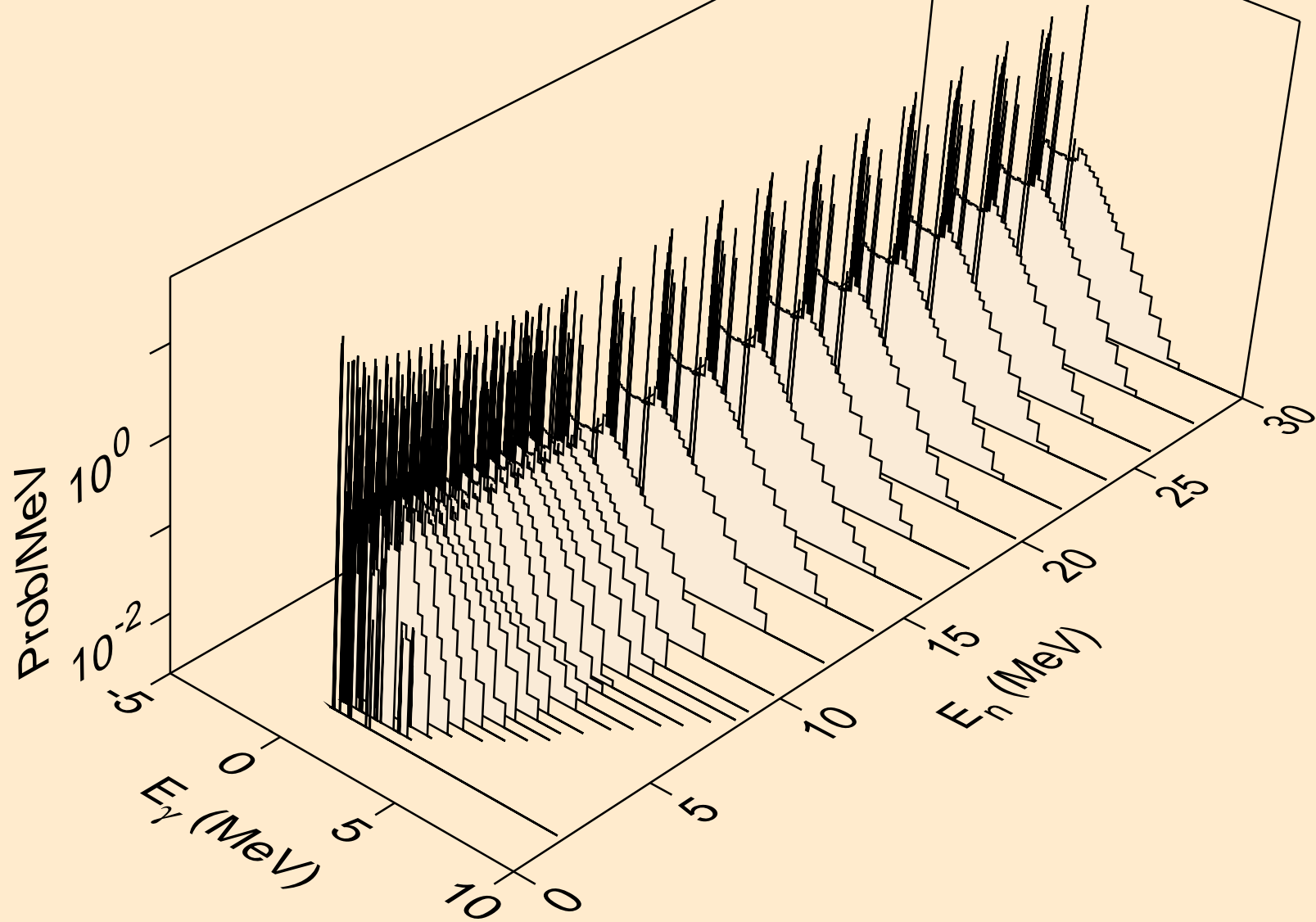
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Photon emission for (n,n\*4)



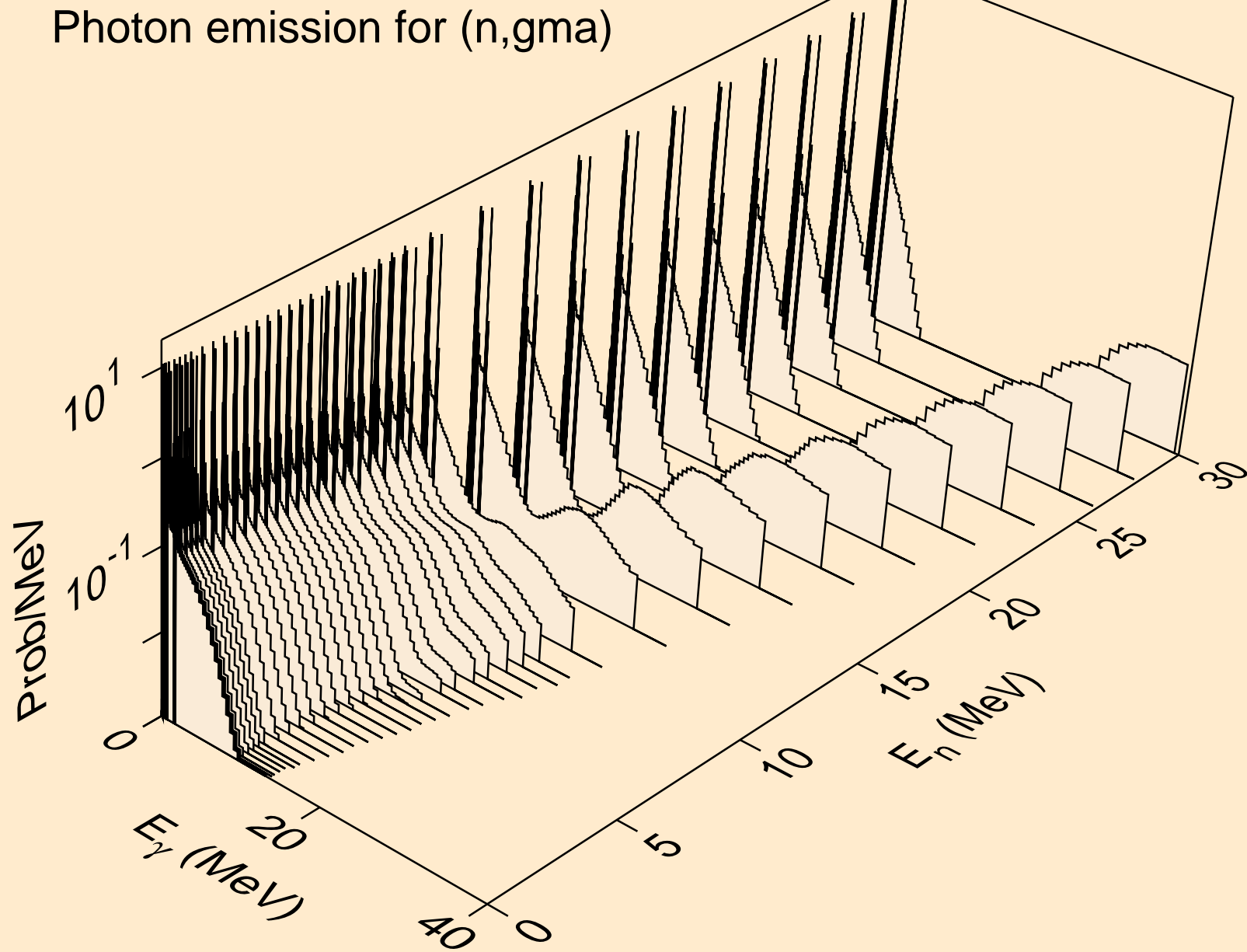
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Photon emission for (n,n\*5)



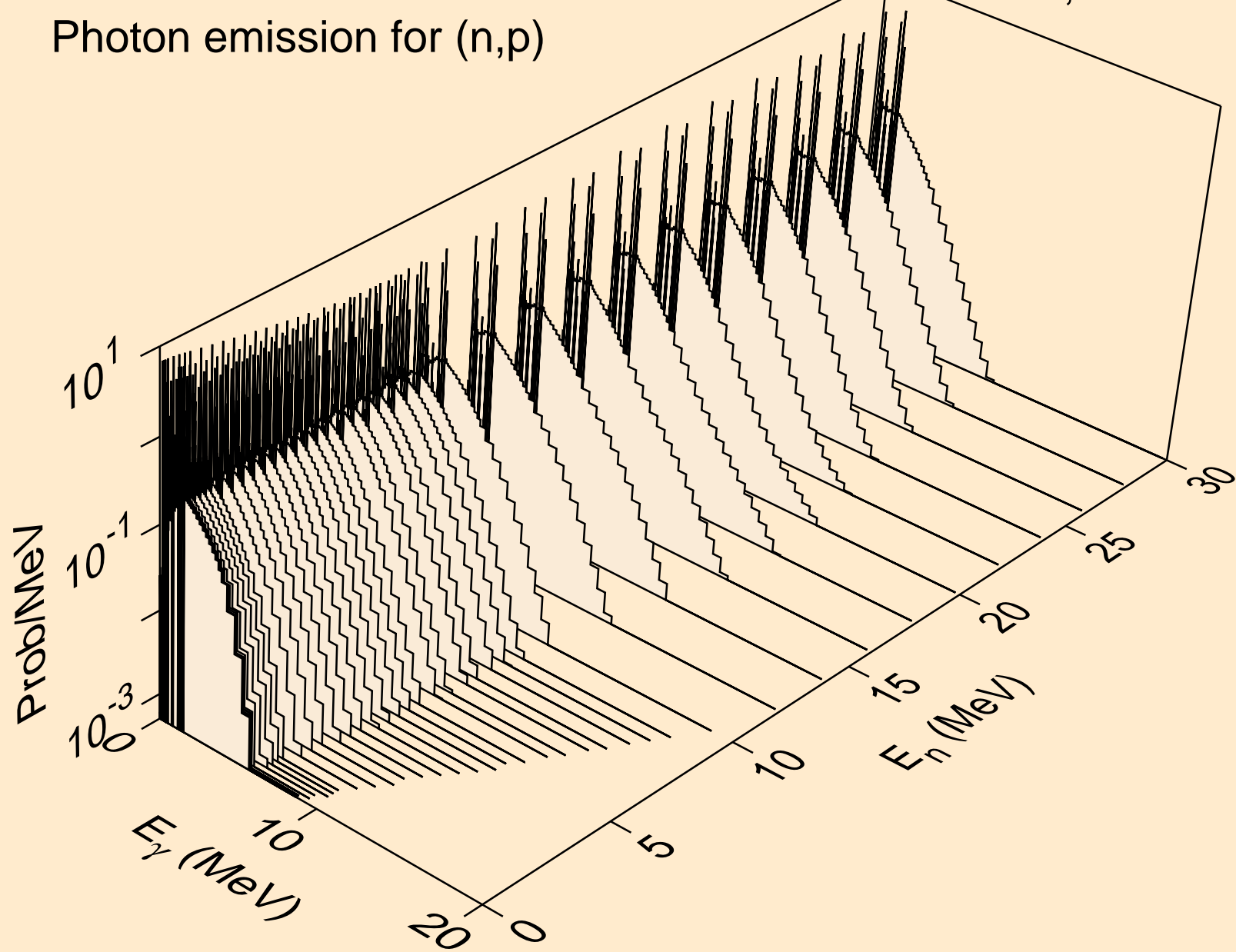
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

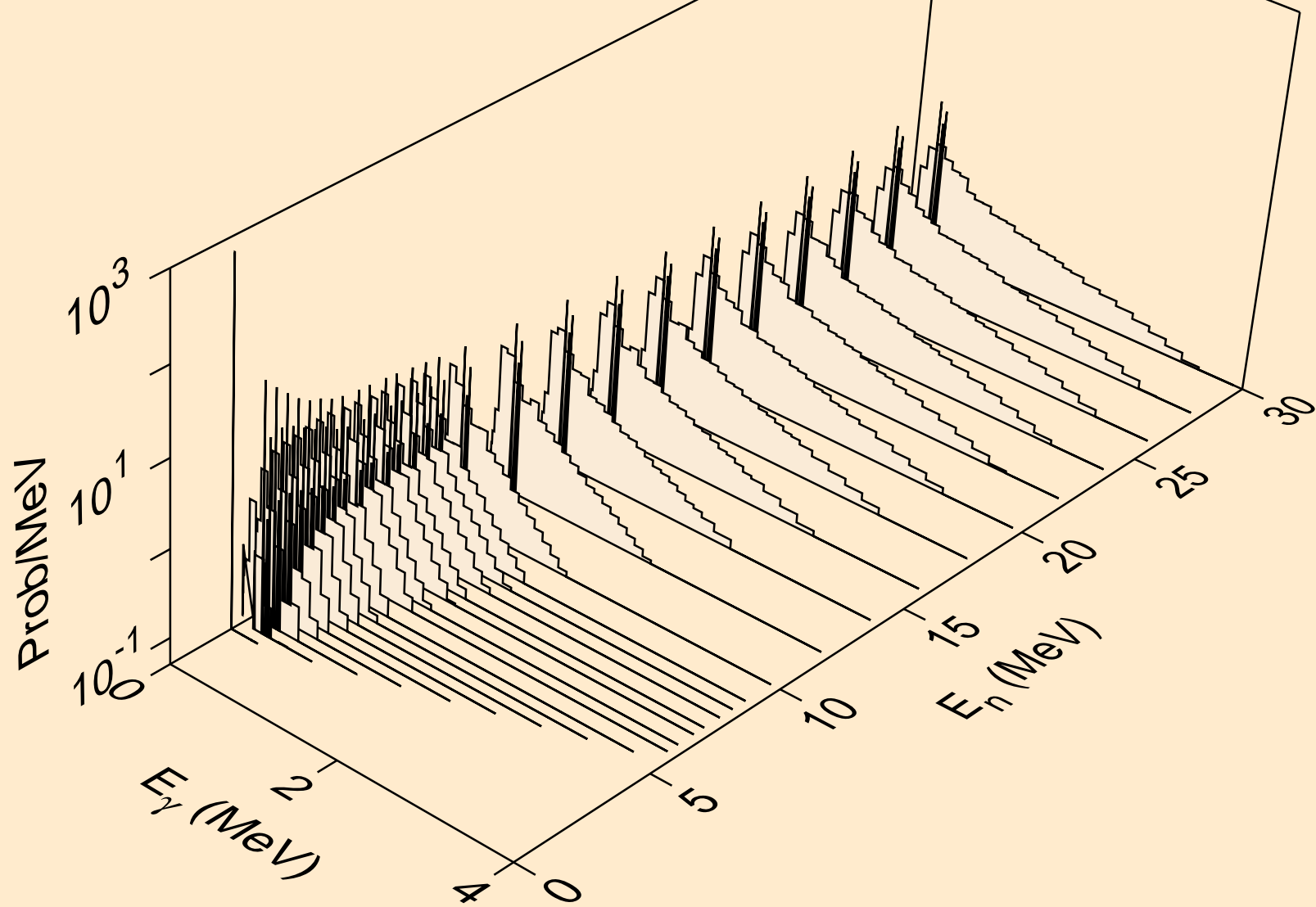


ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

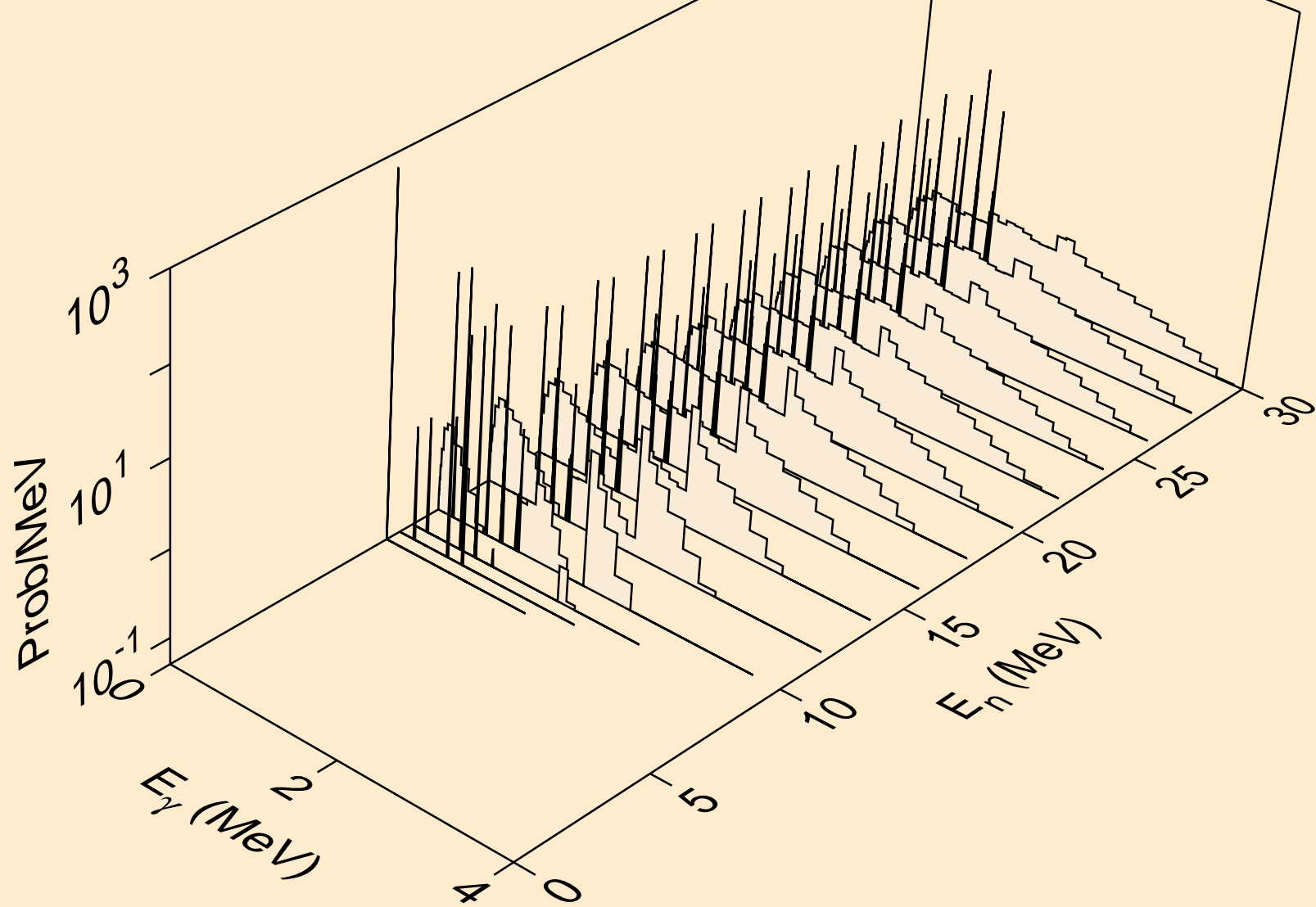




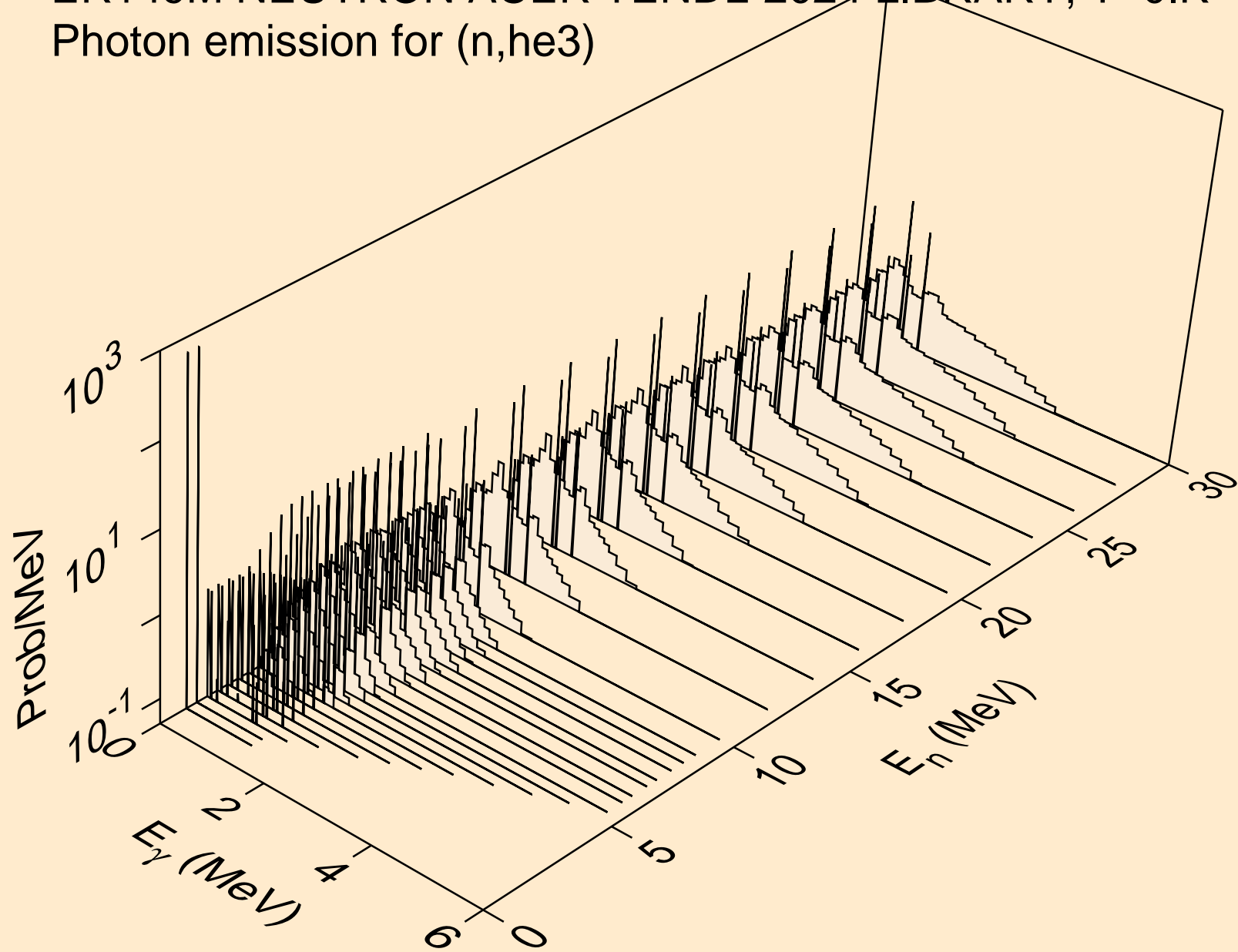
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Photon emission for (n,d)



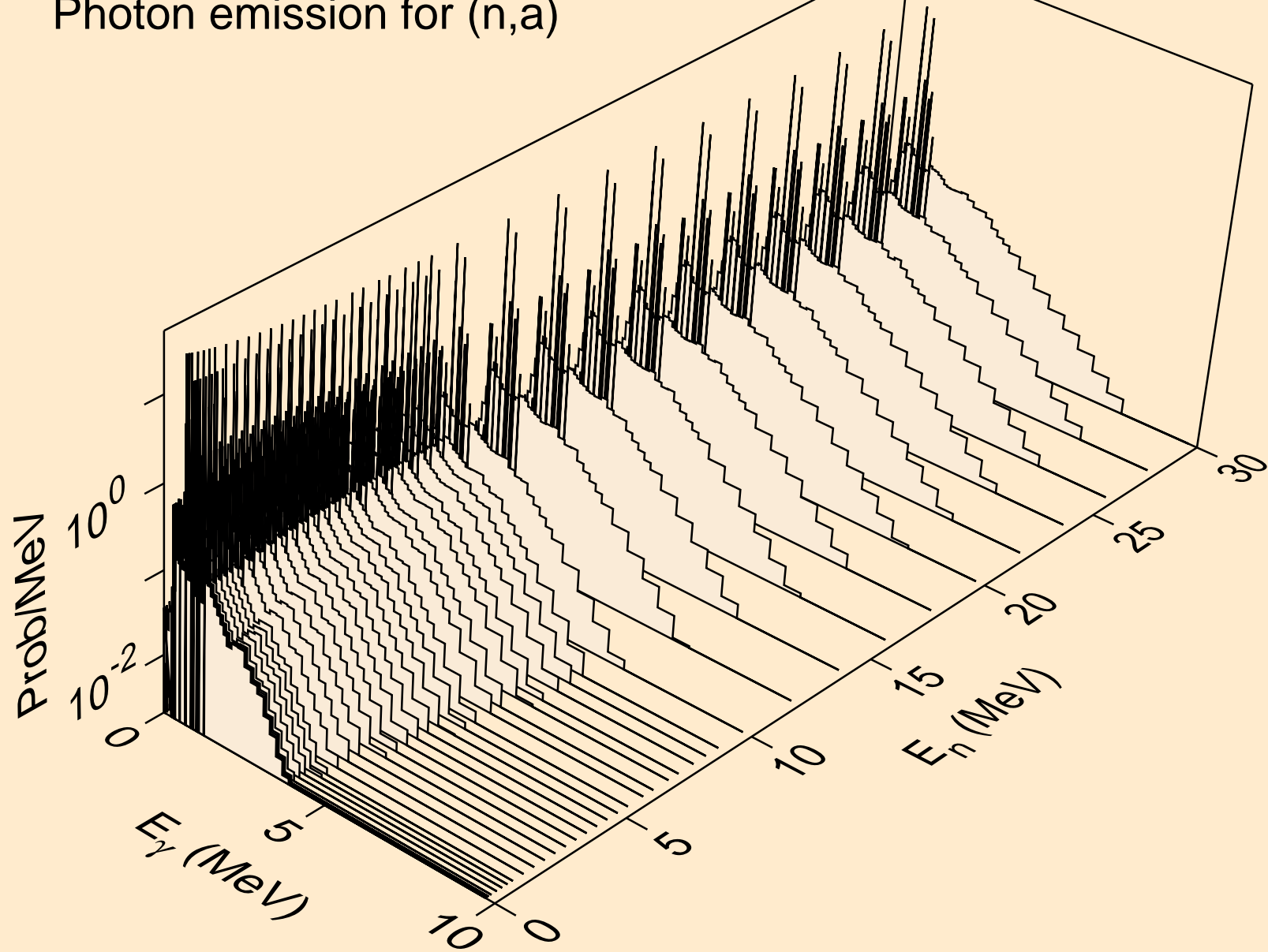
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



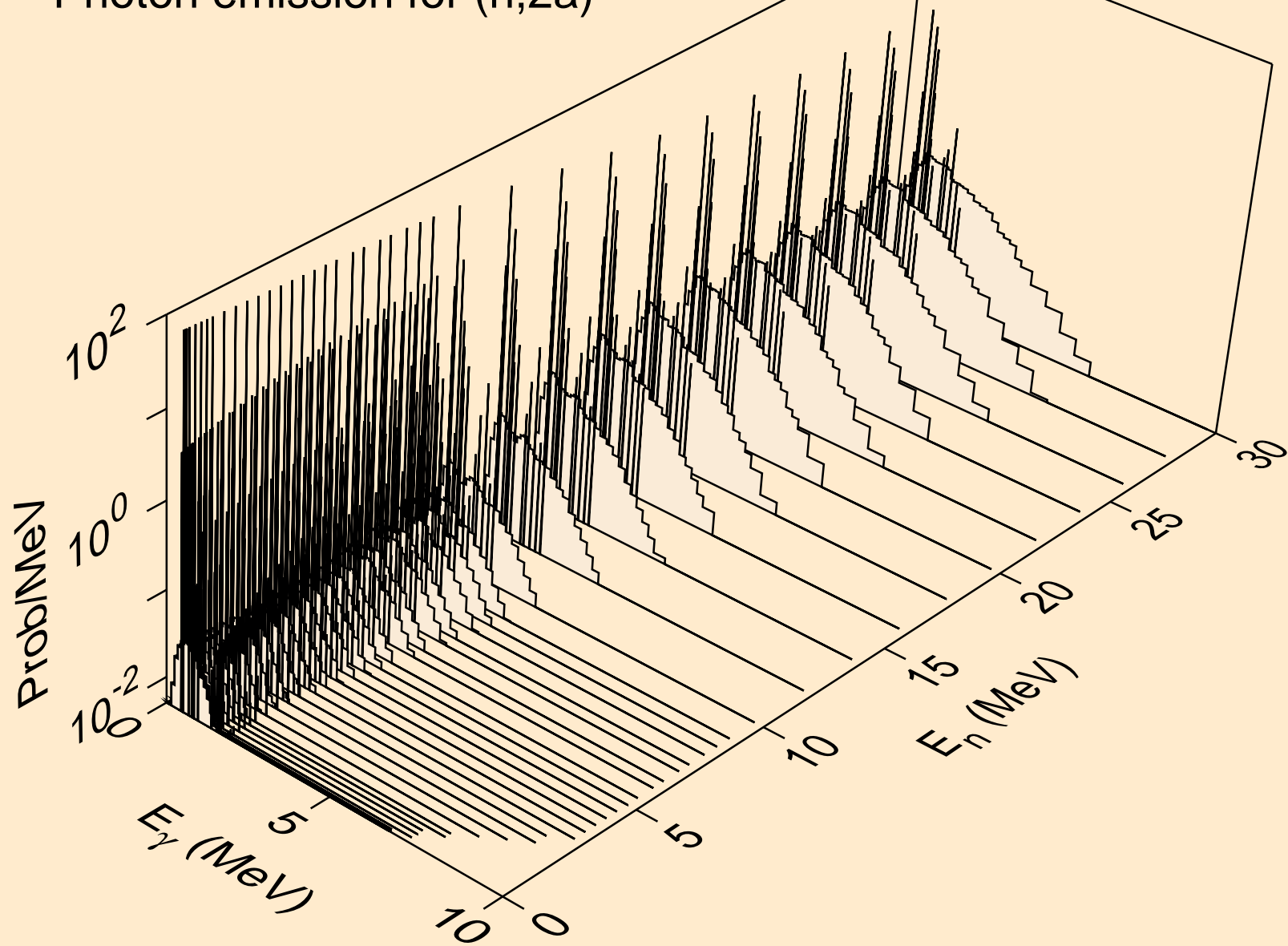
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



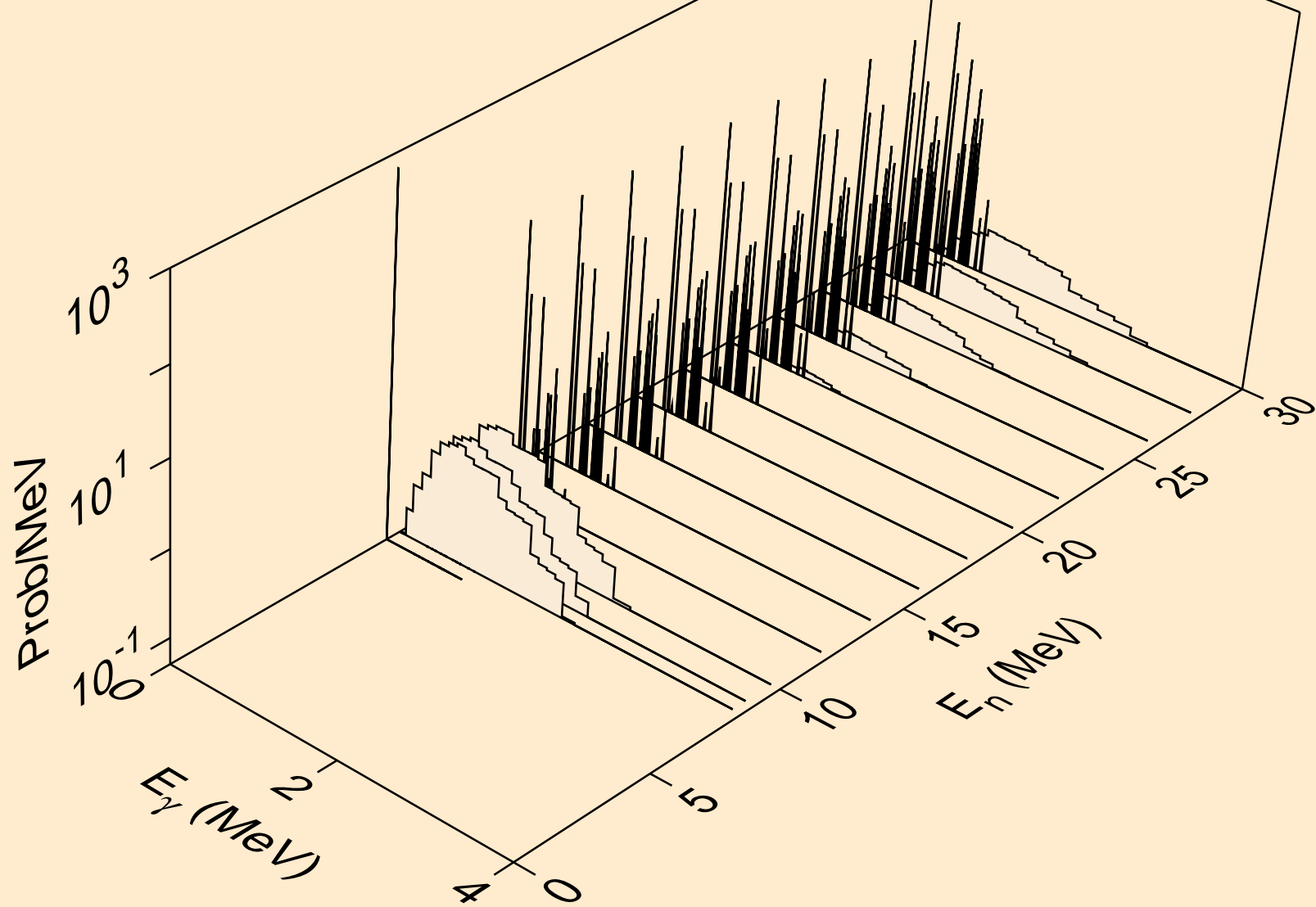
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



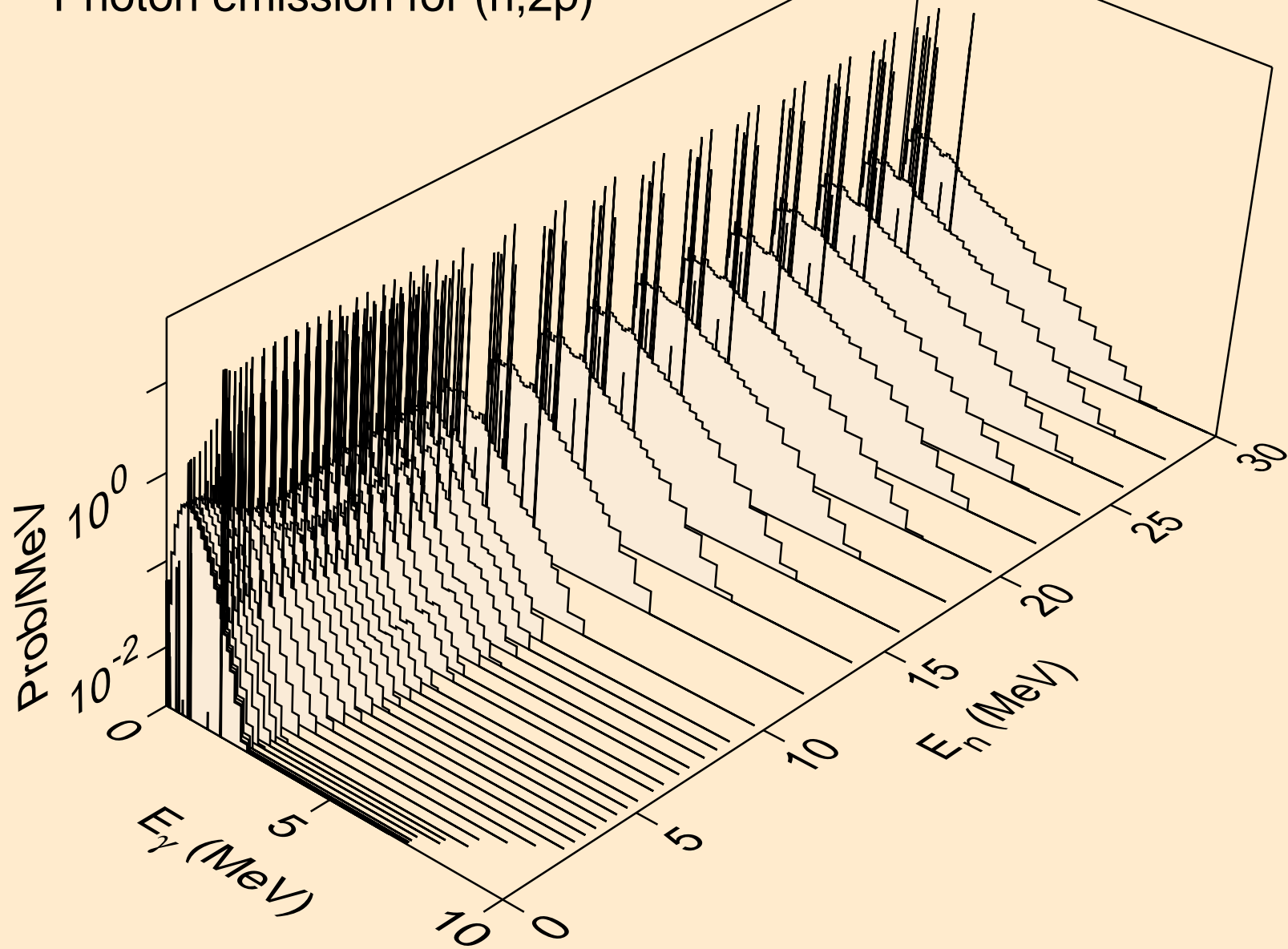
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



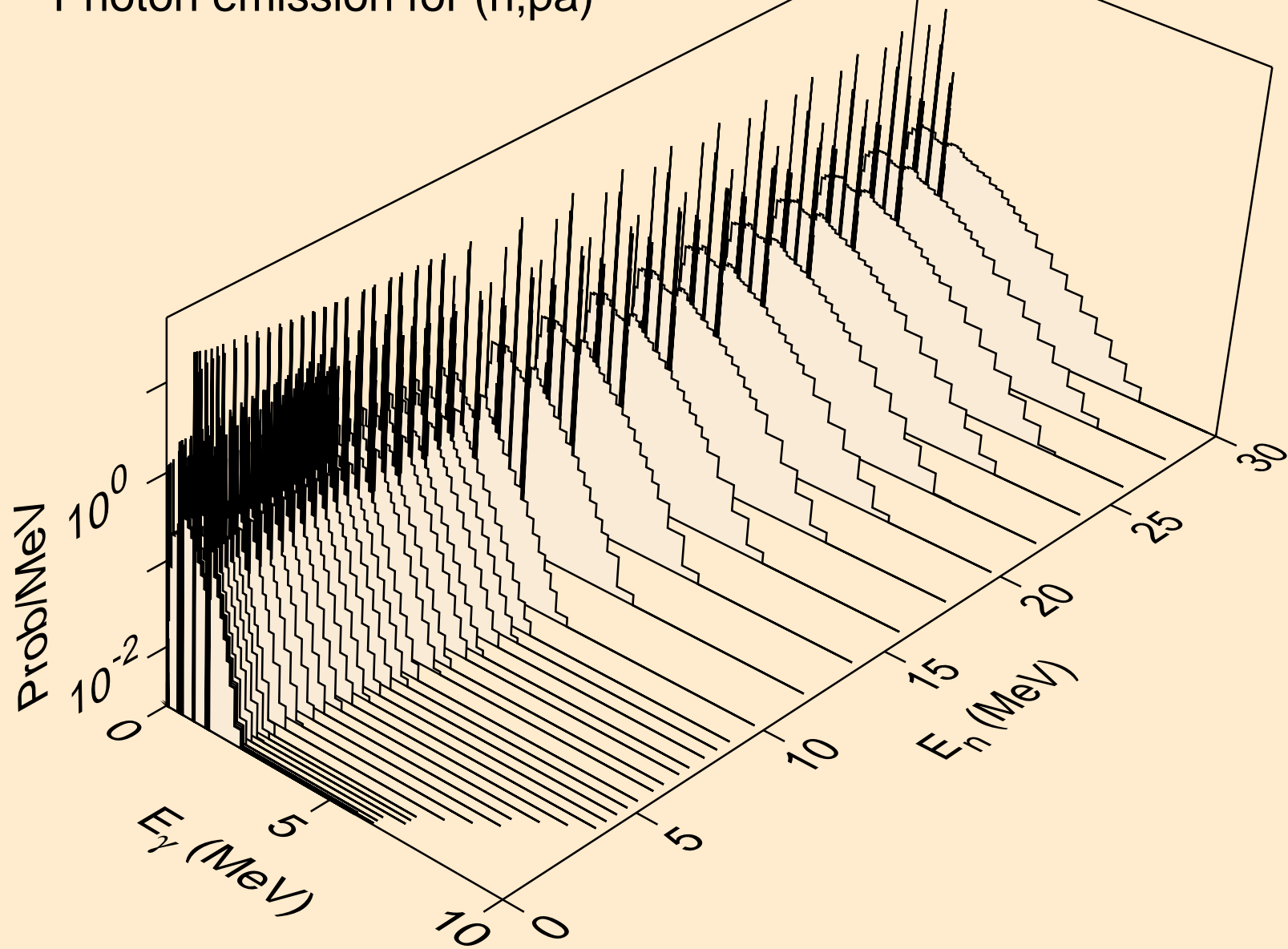
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

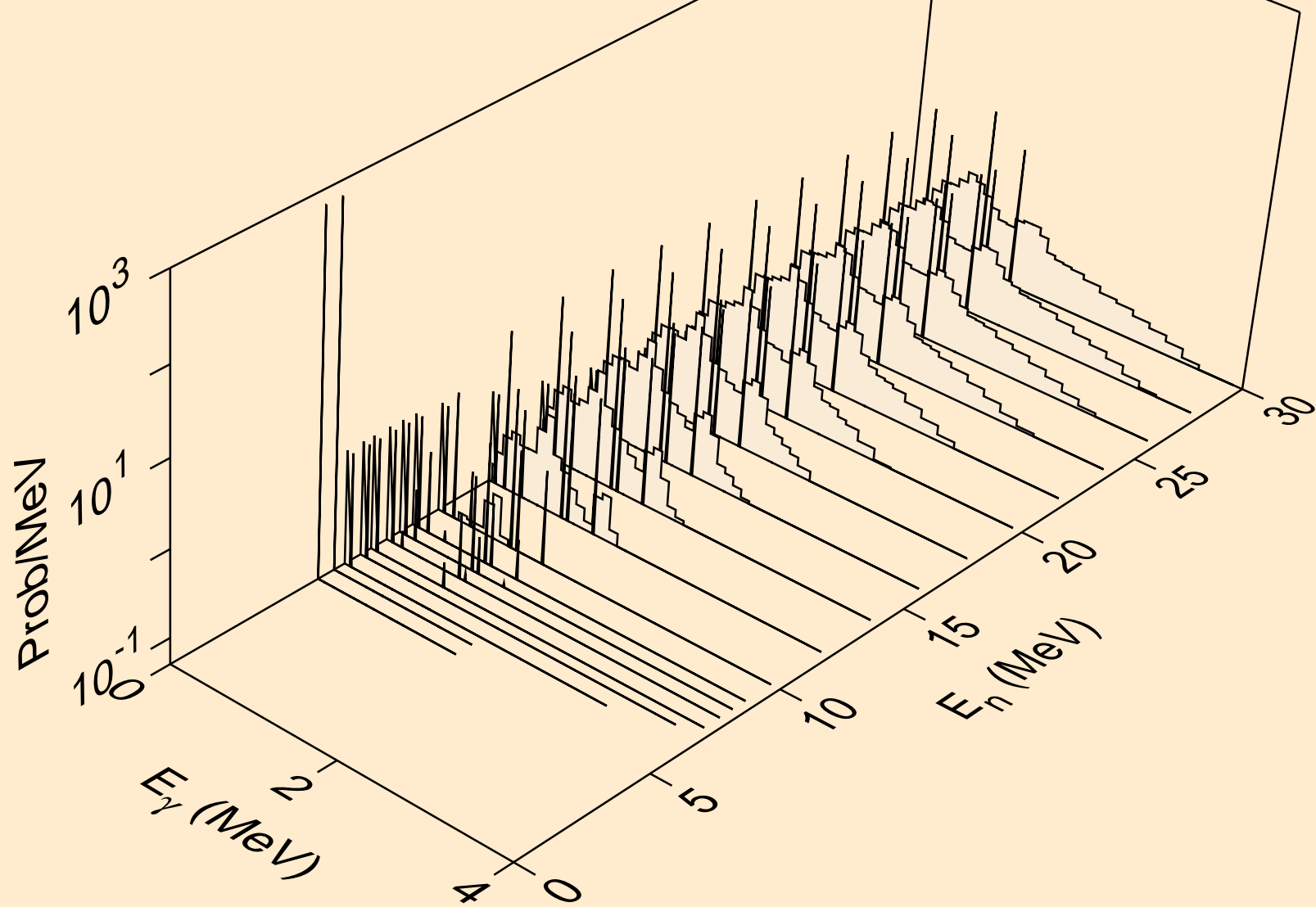


ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

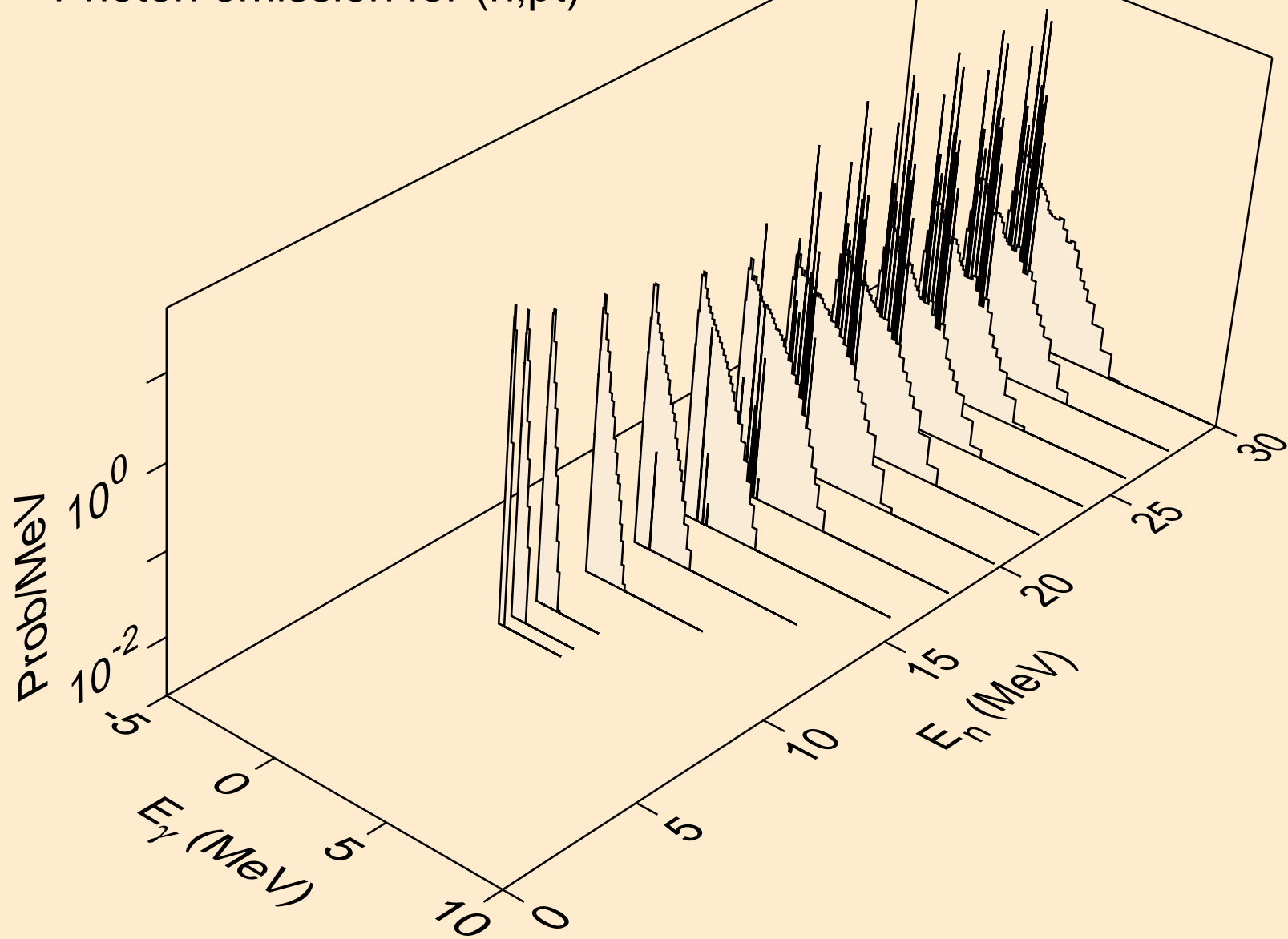




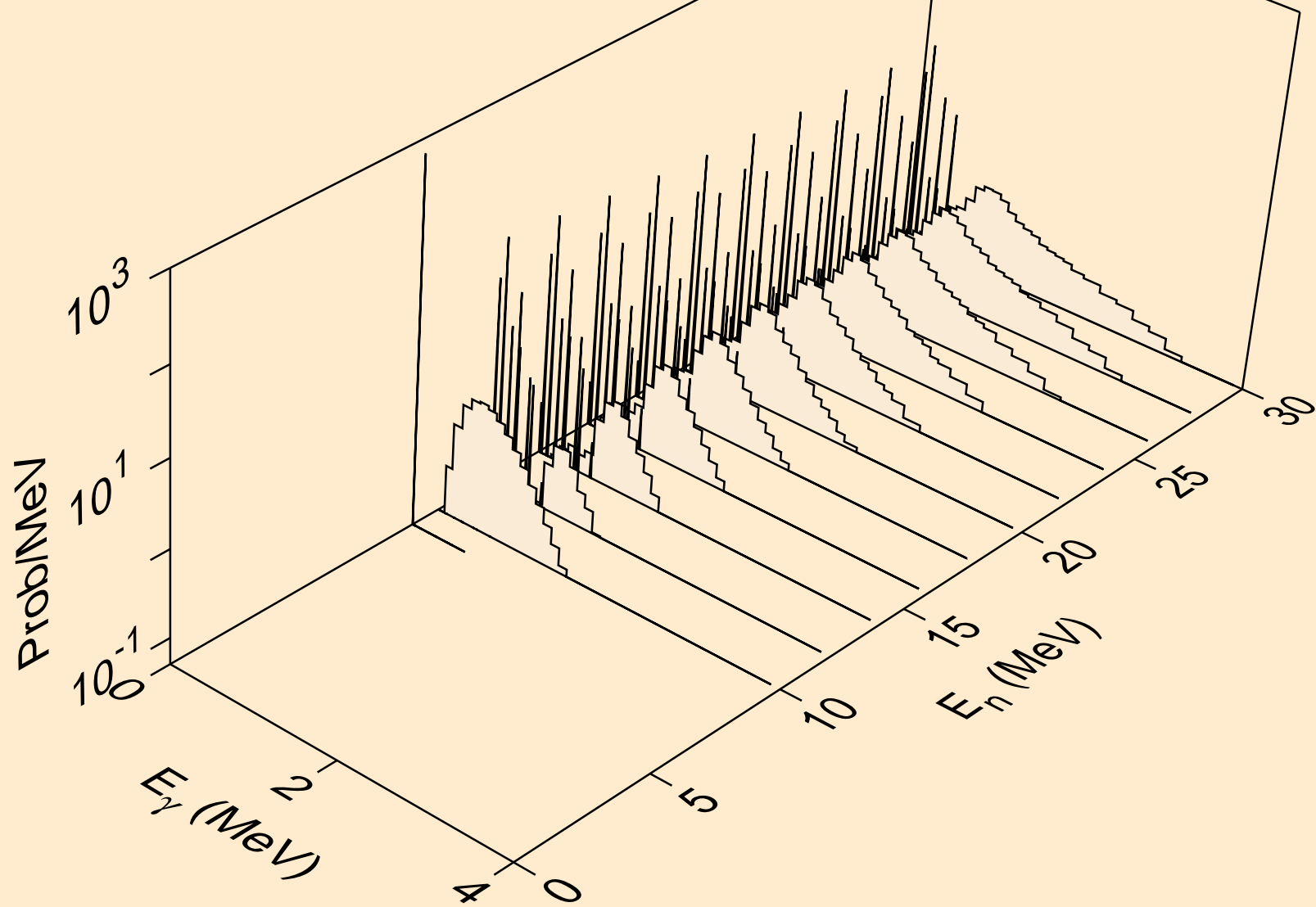
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



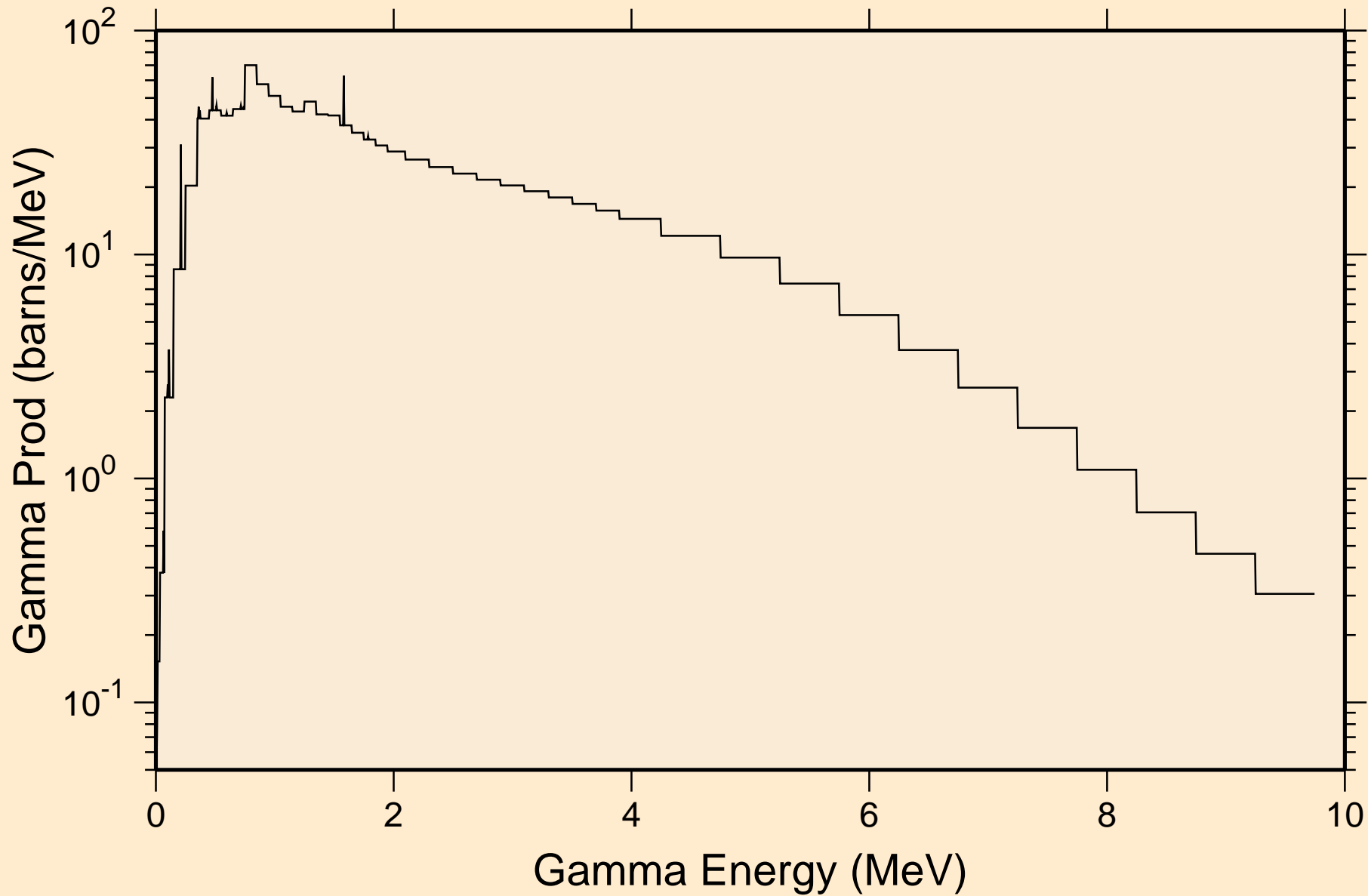
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



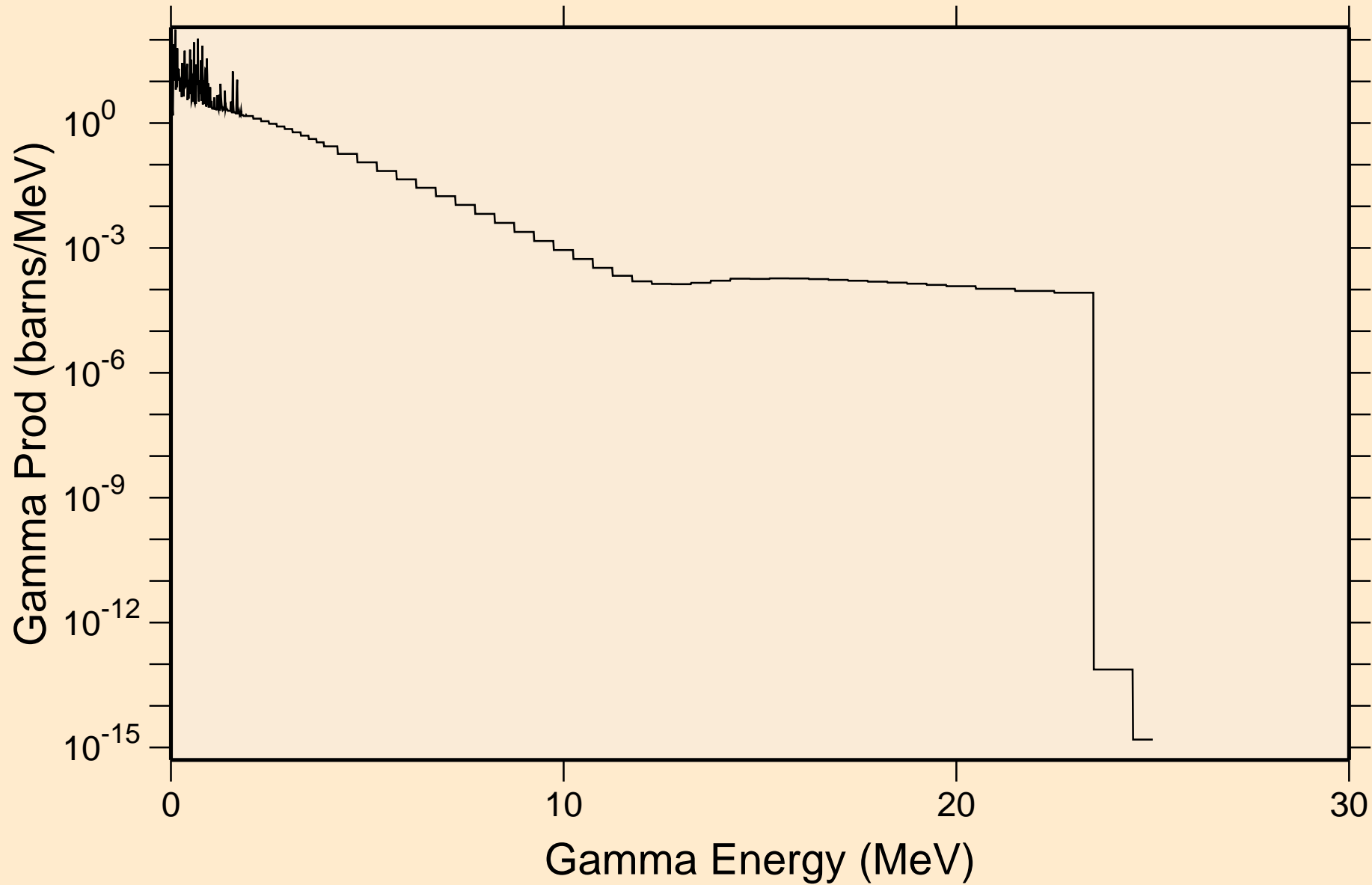
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

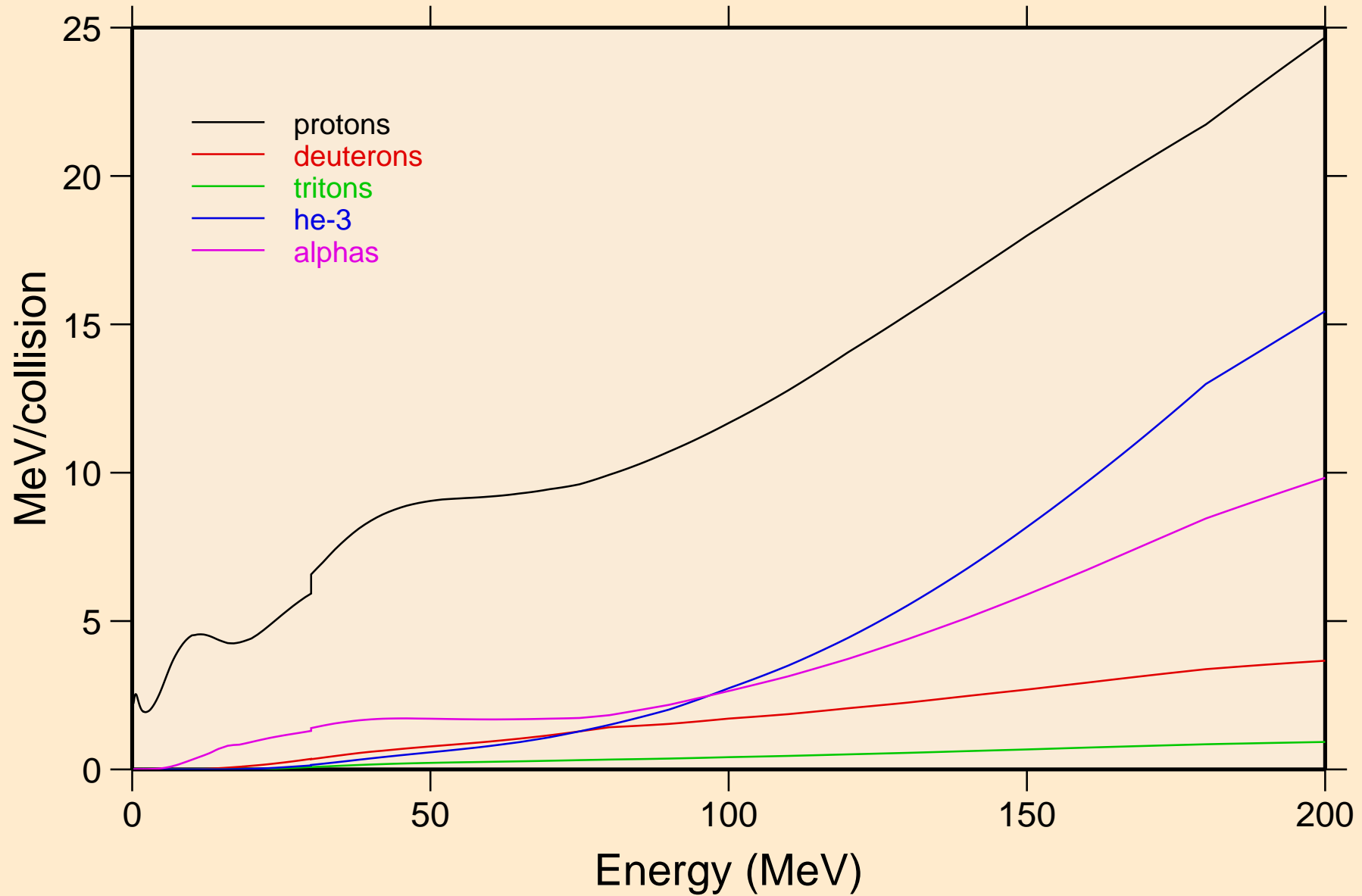


ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

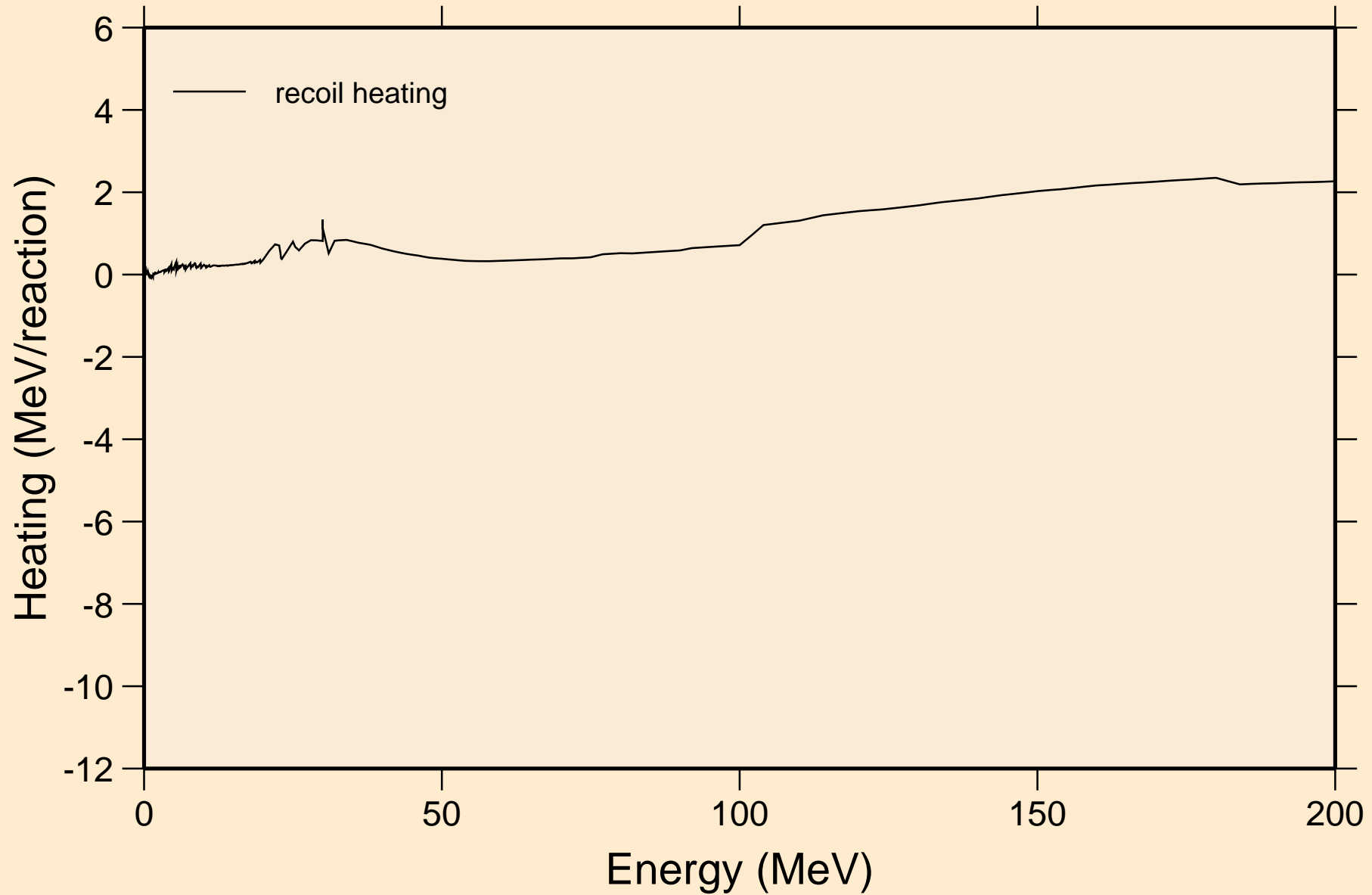


# ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

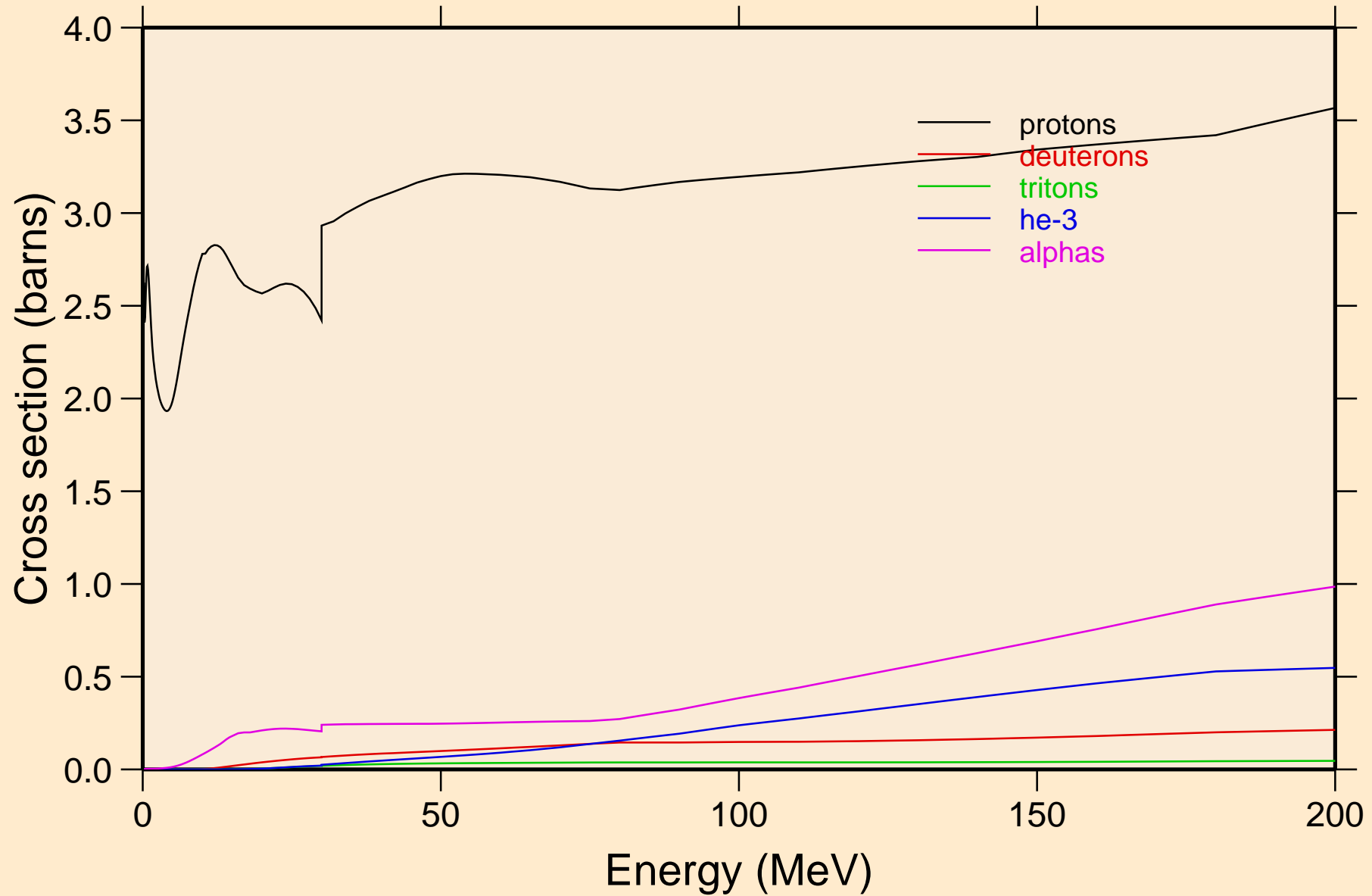


ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



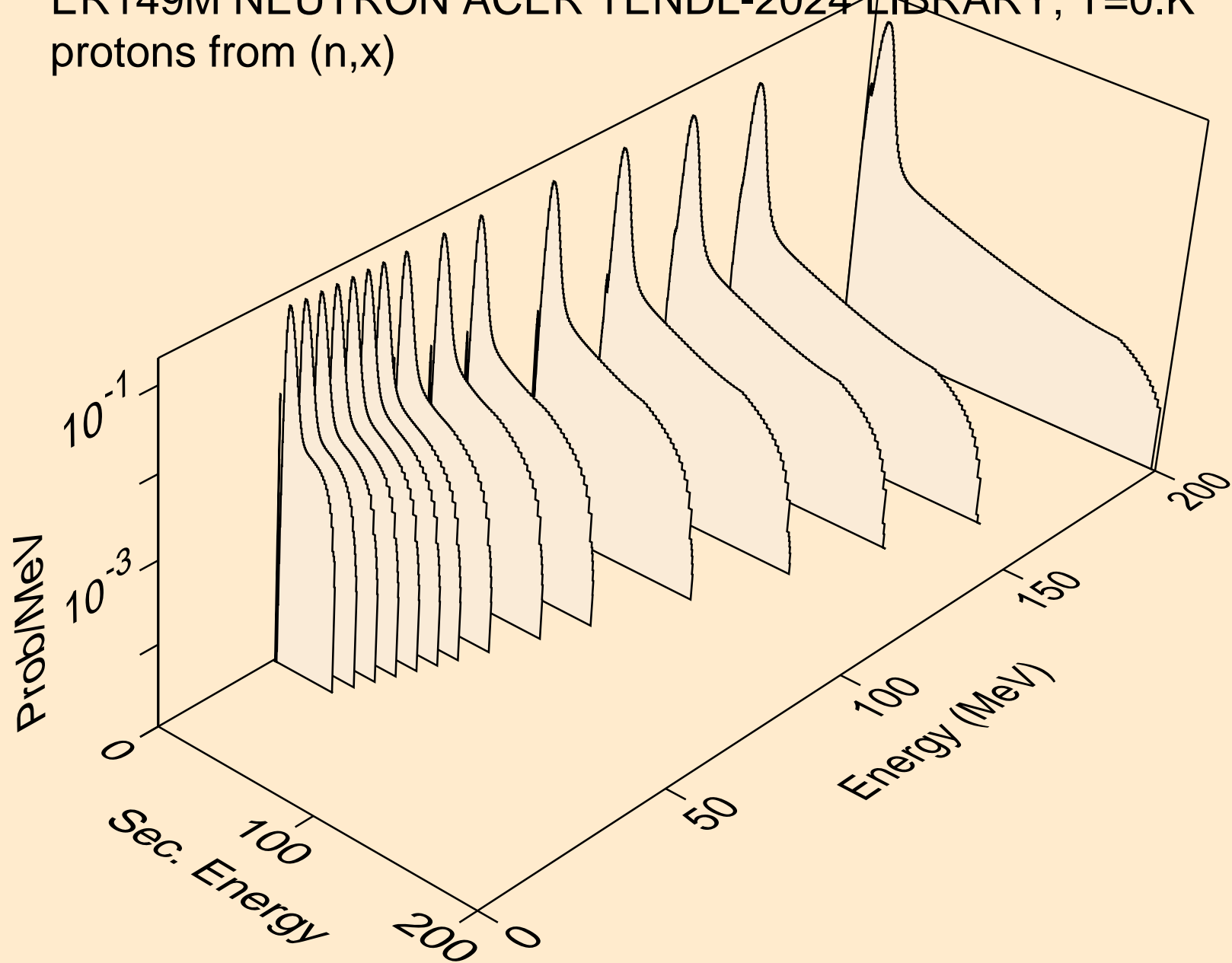
# ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle production cross sections

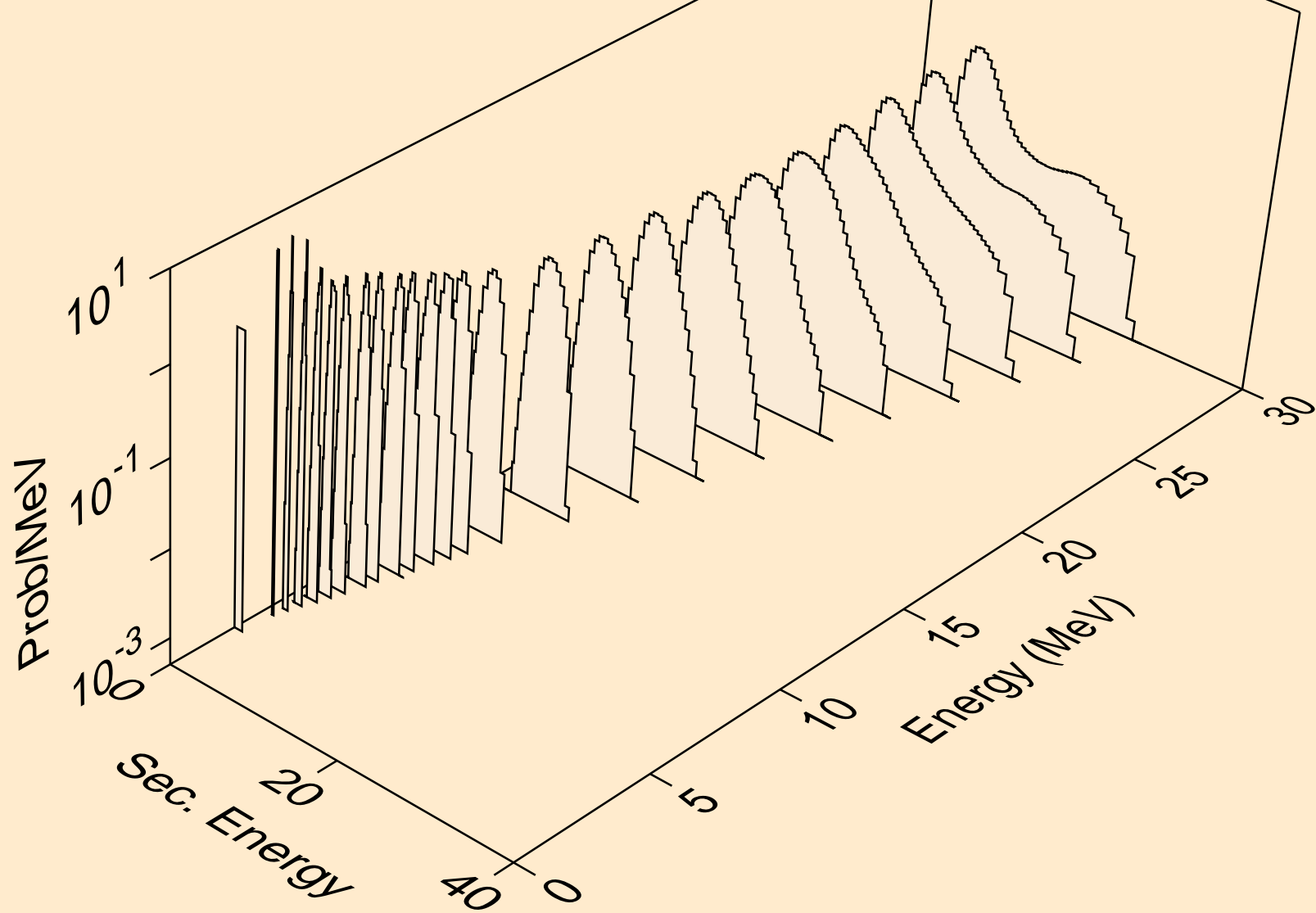




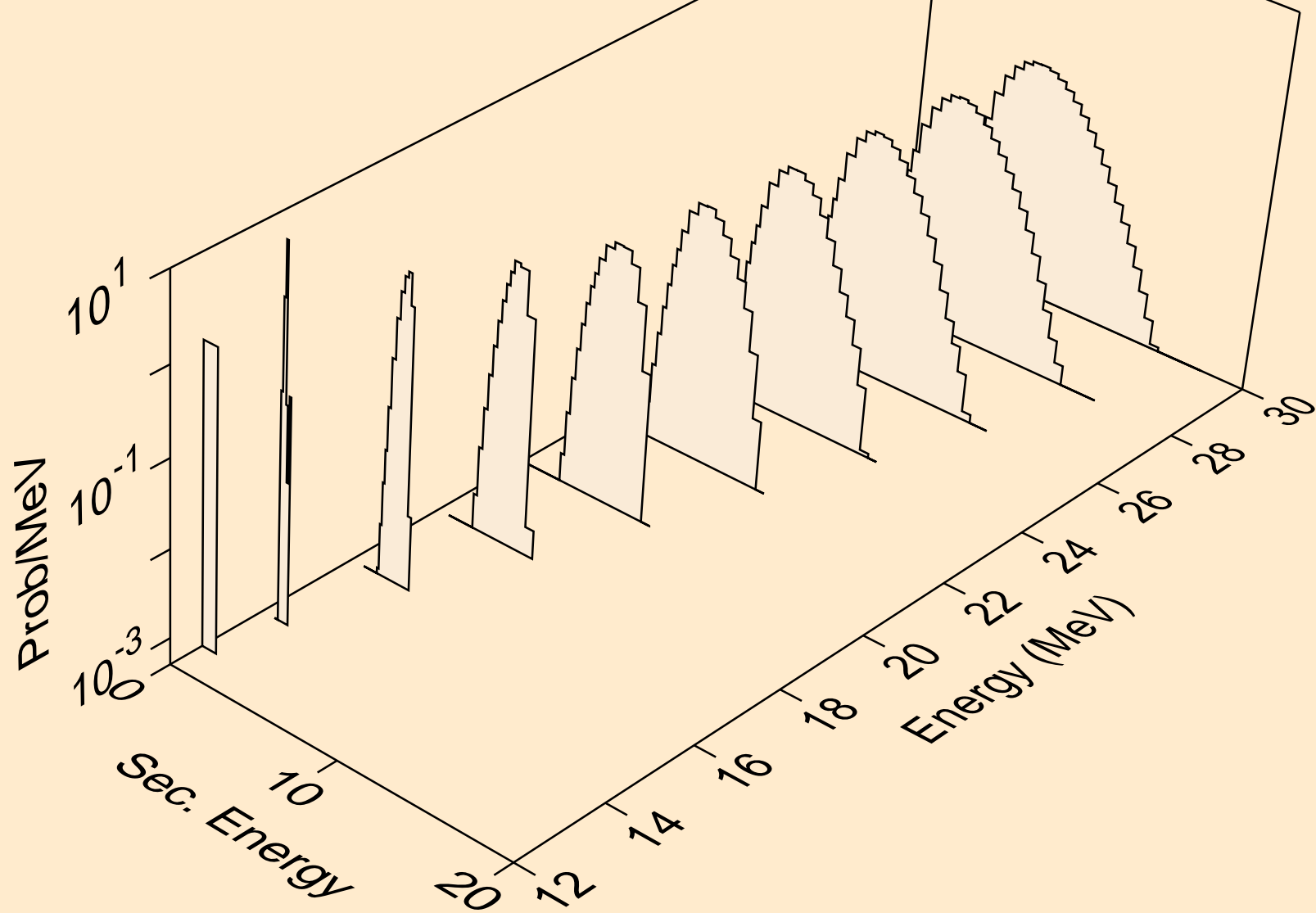
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



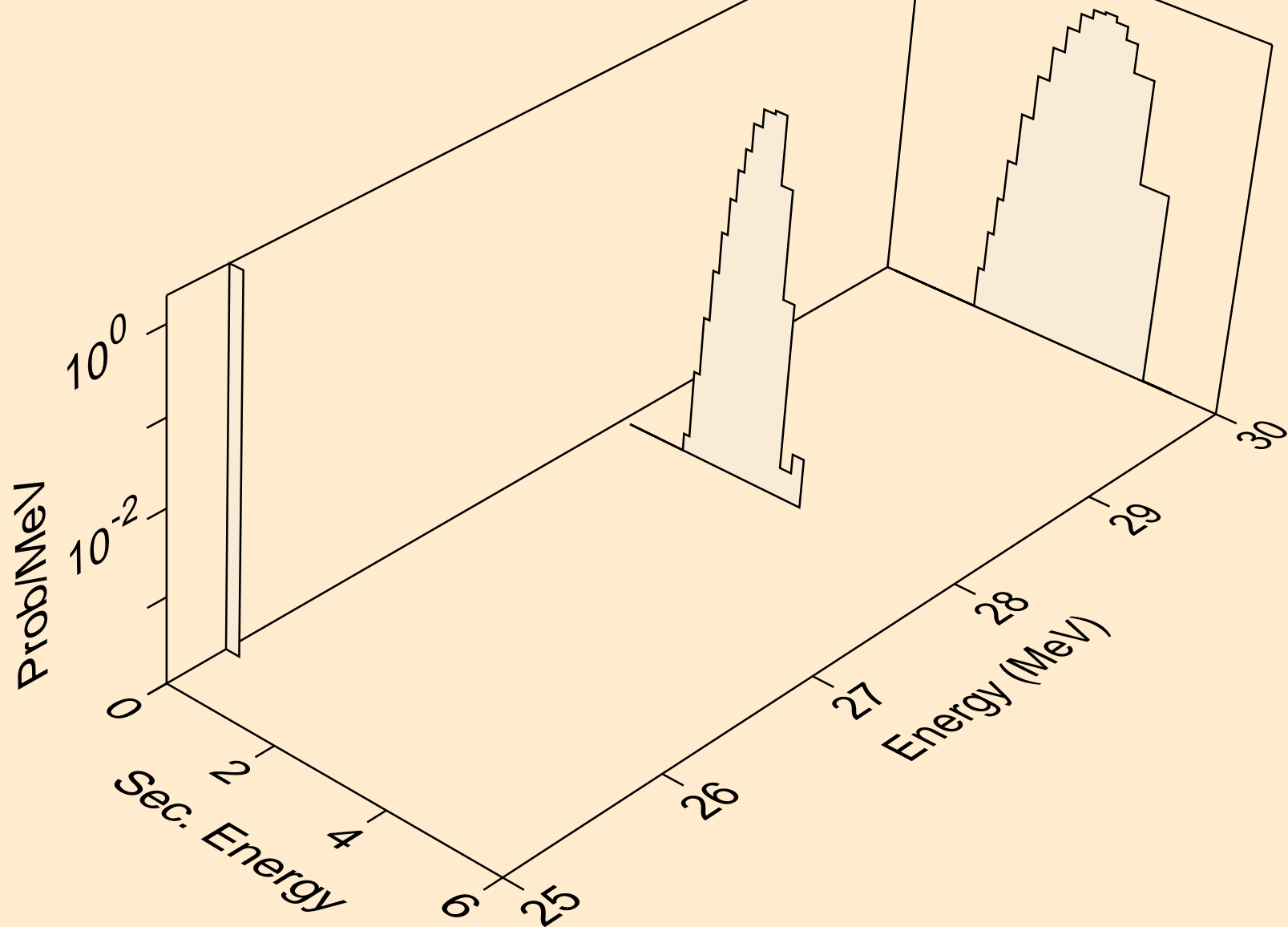
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protons from (n,n\*)p



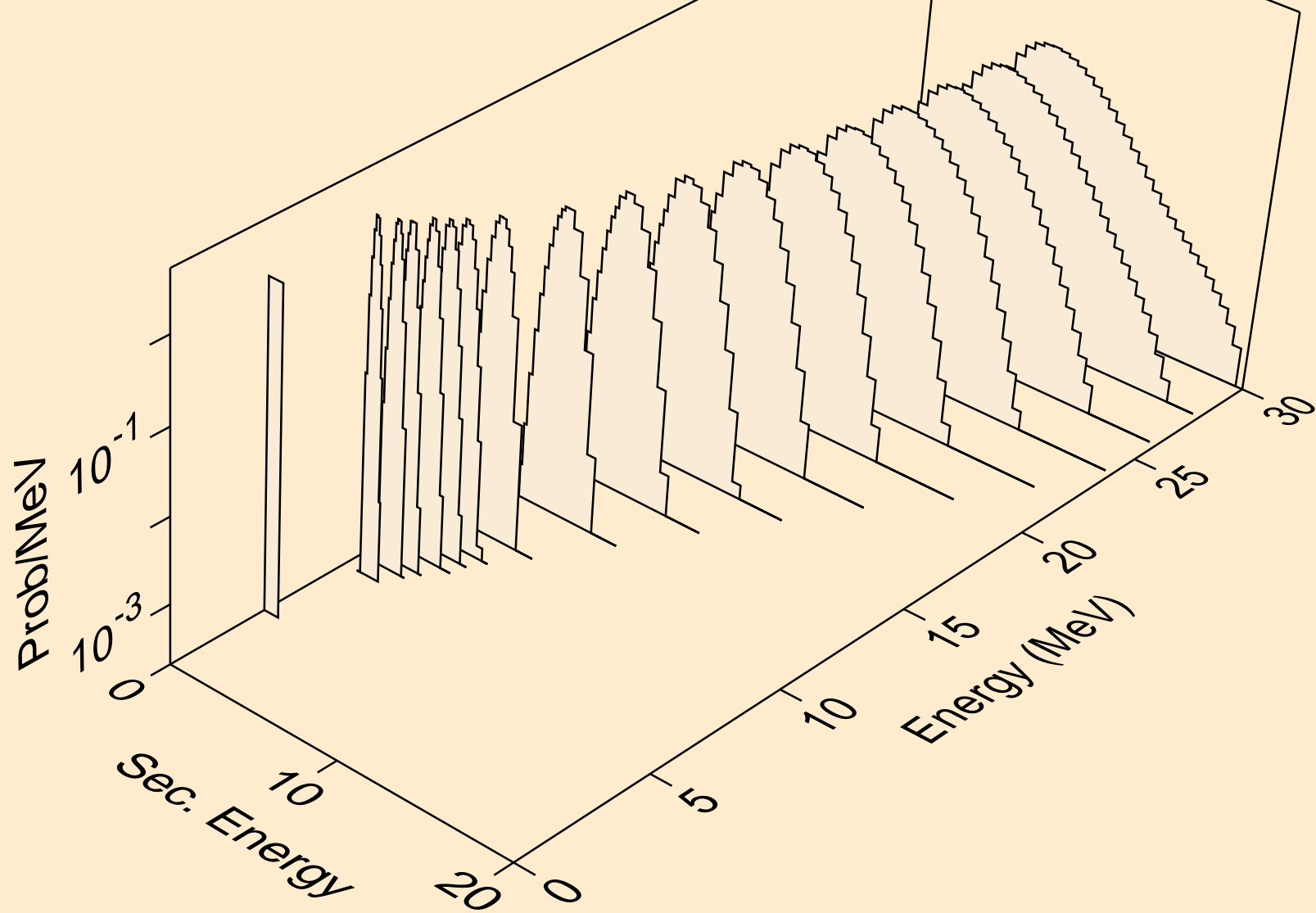
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protons from (n,2np)



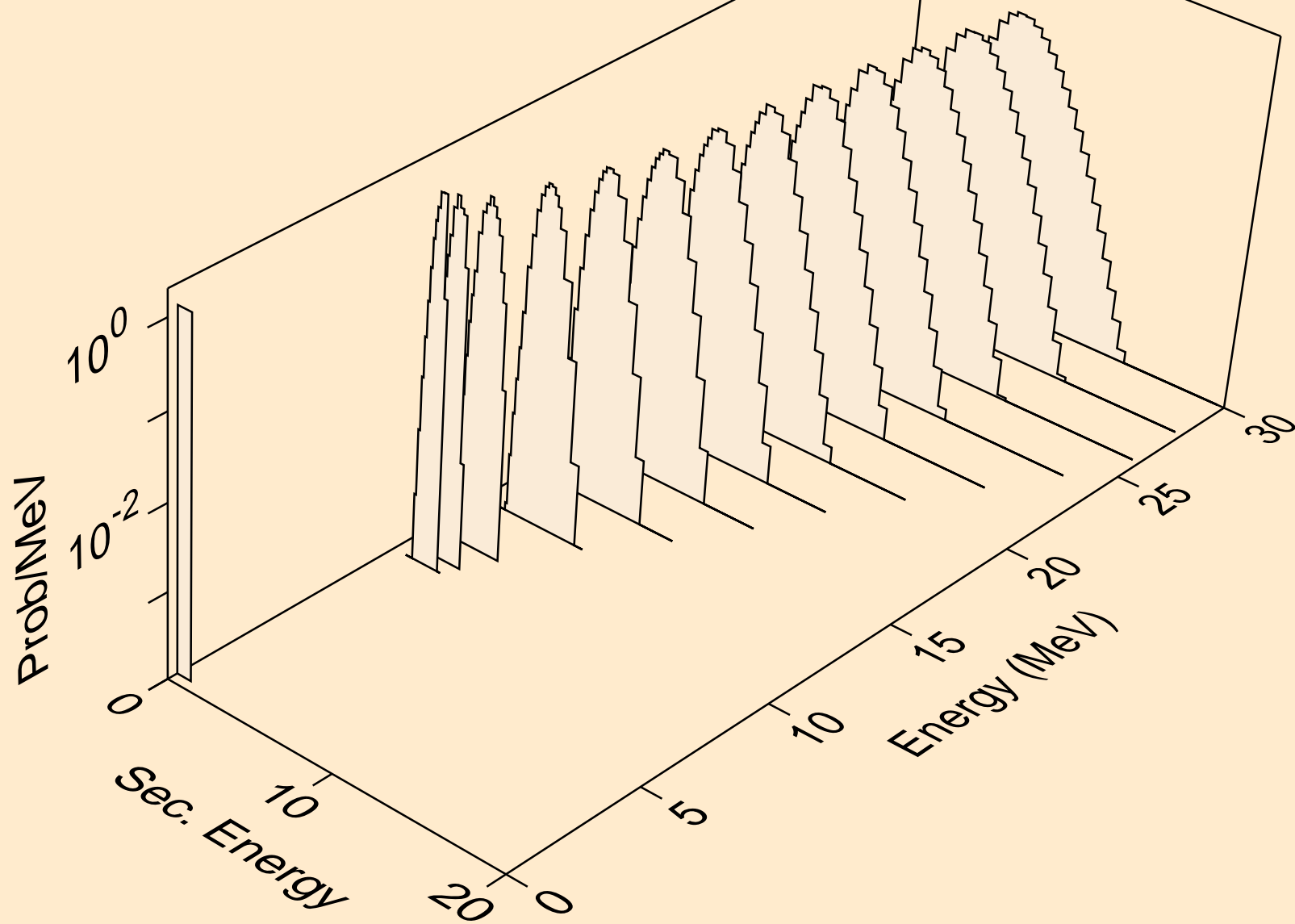
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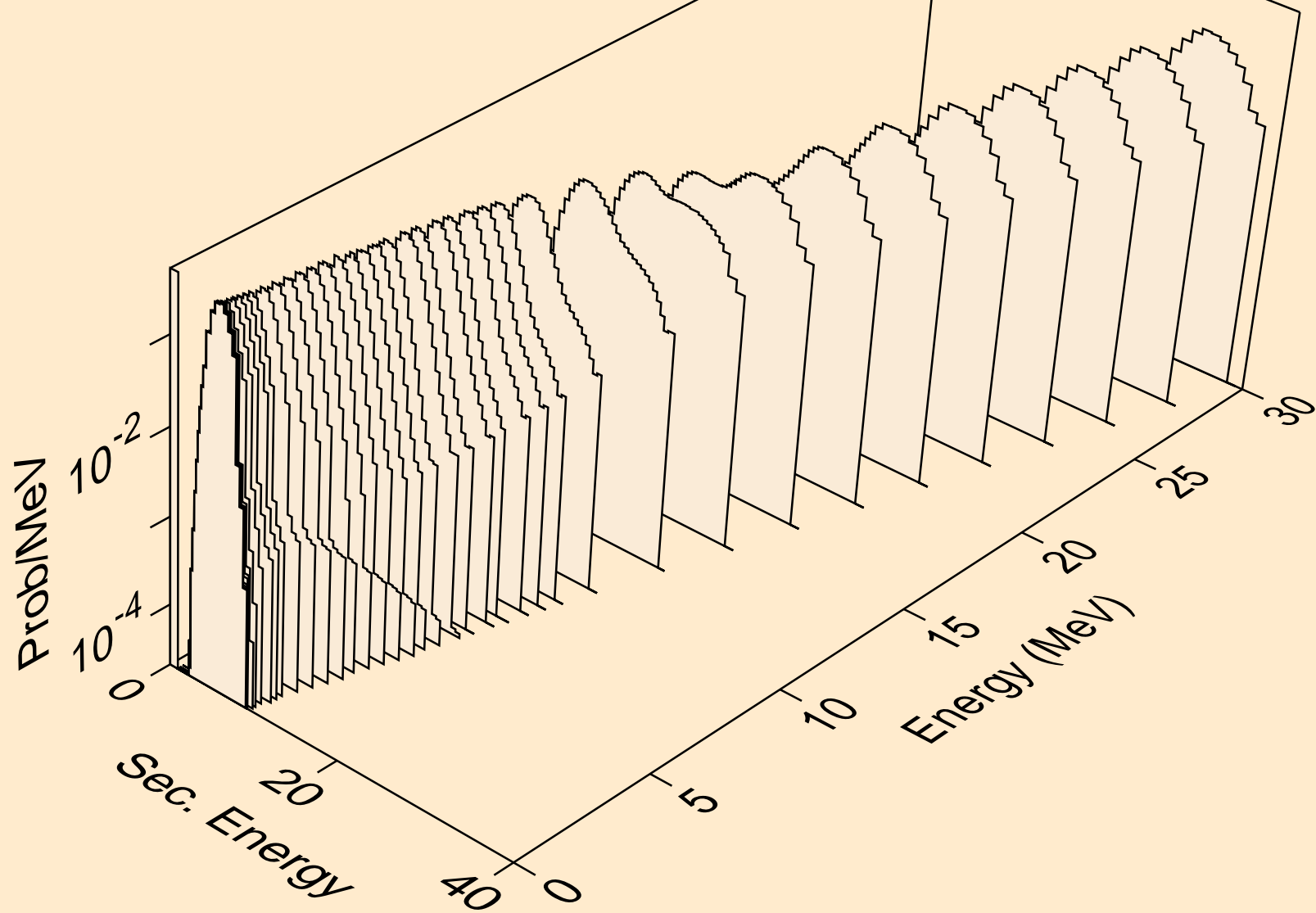
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protons from (n,n2p)



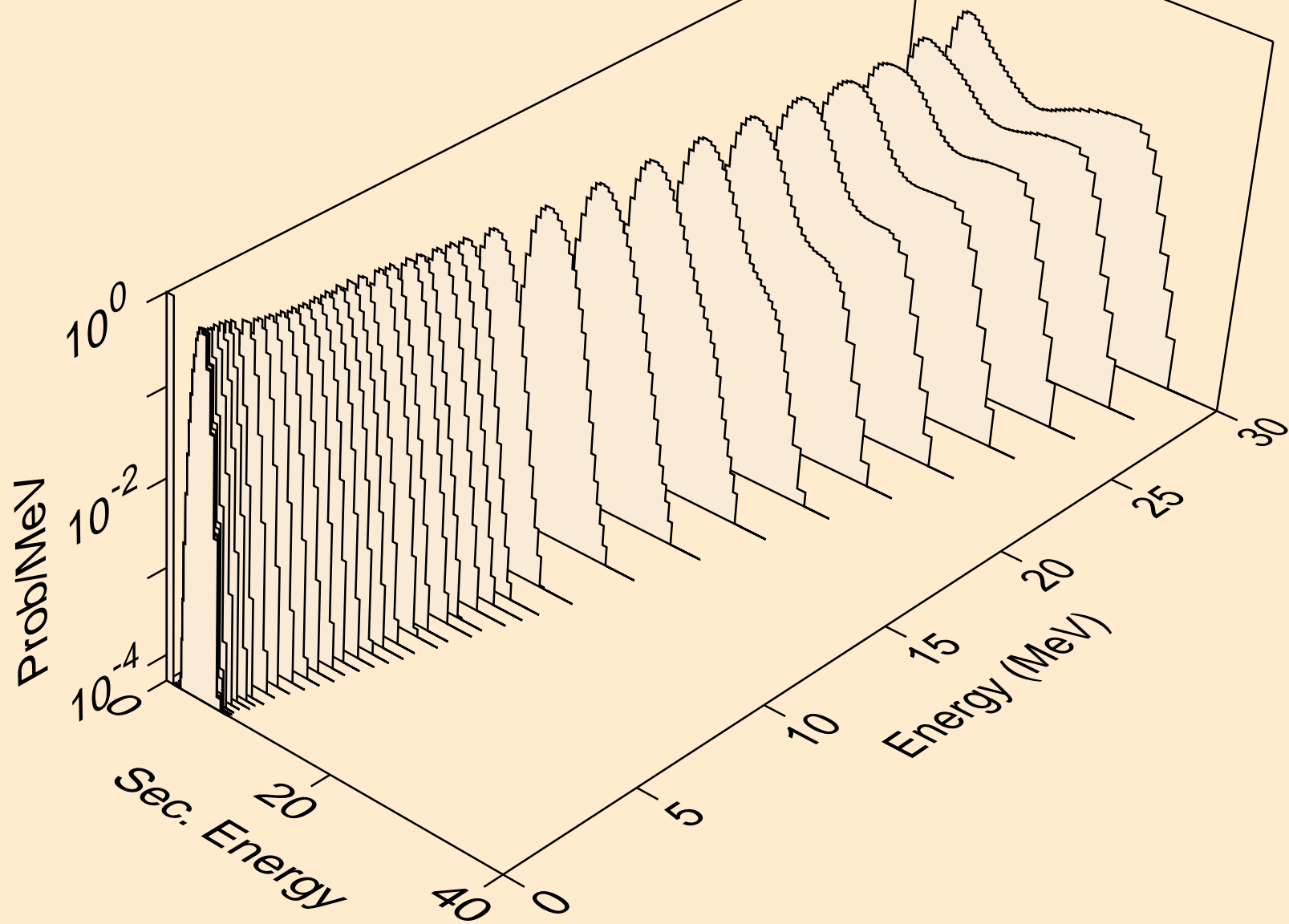
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

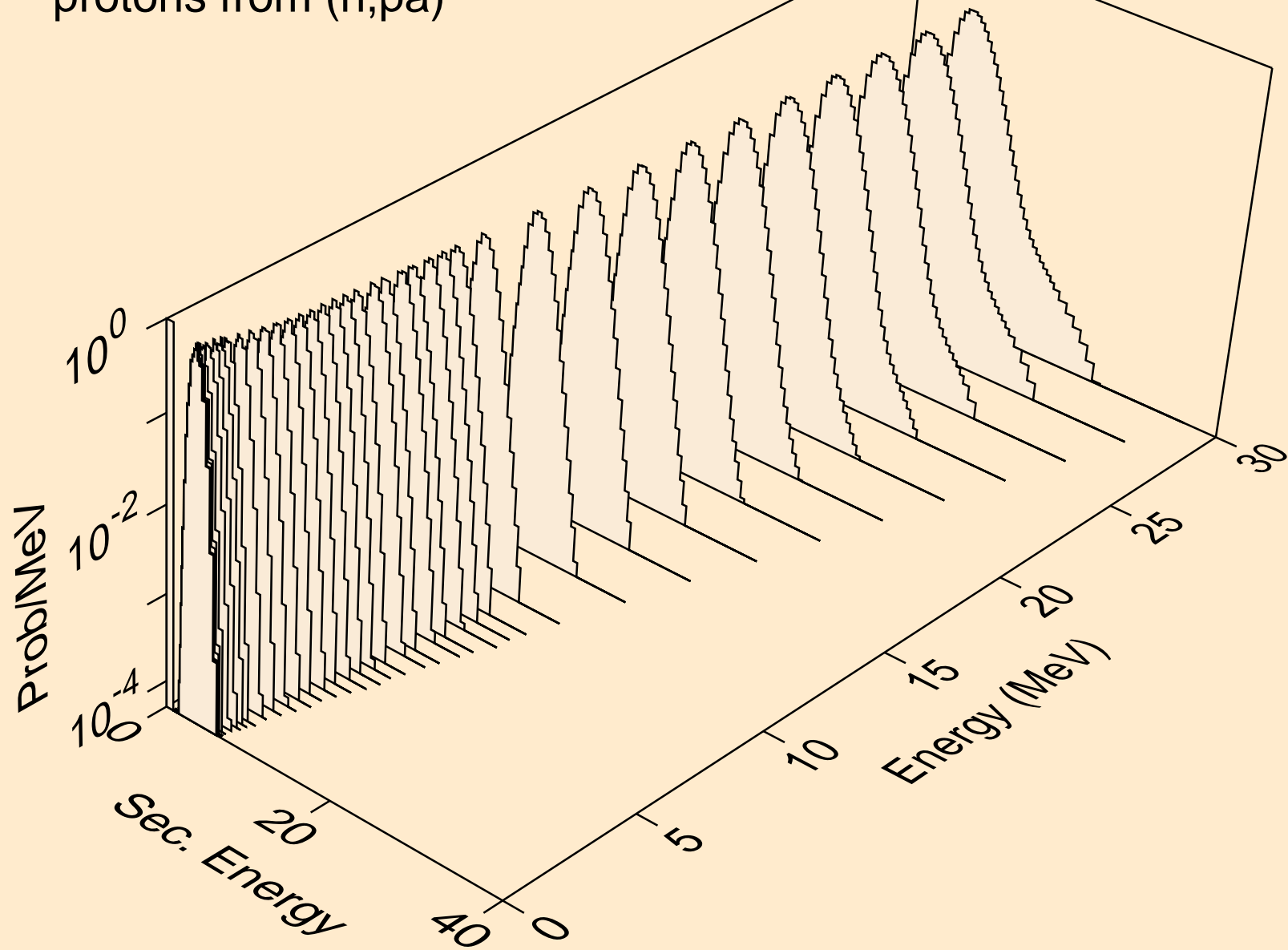


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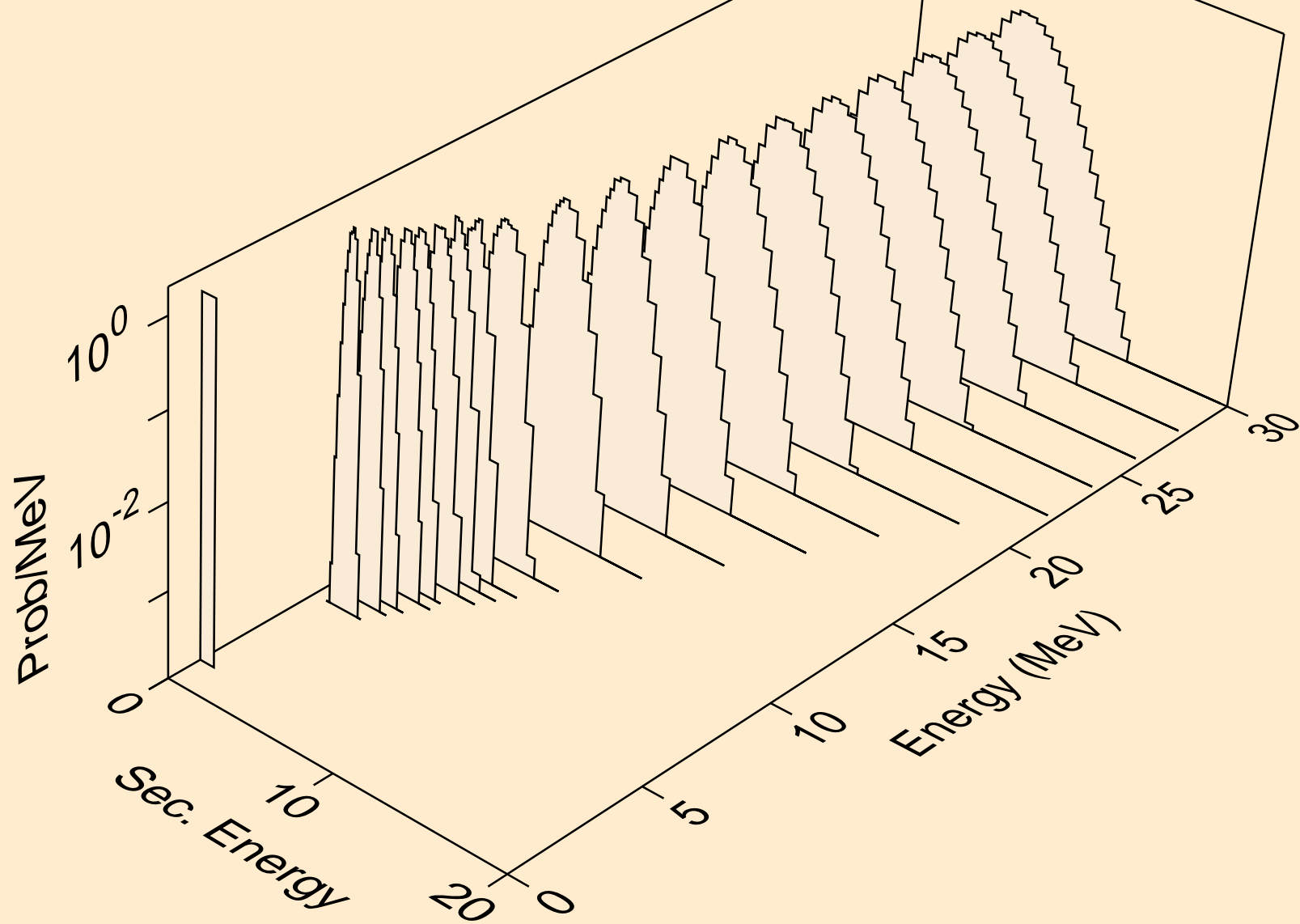




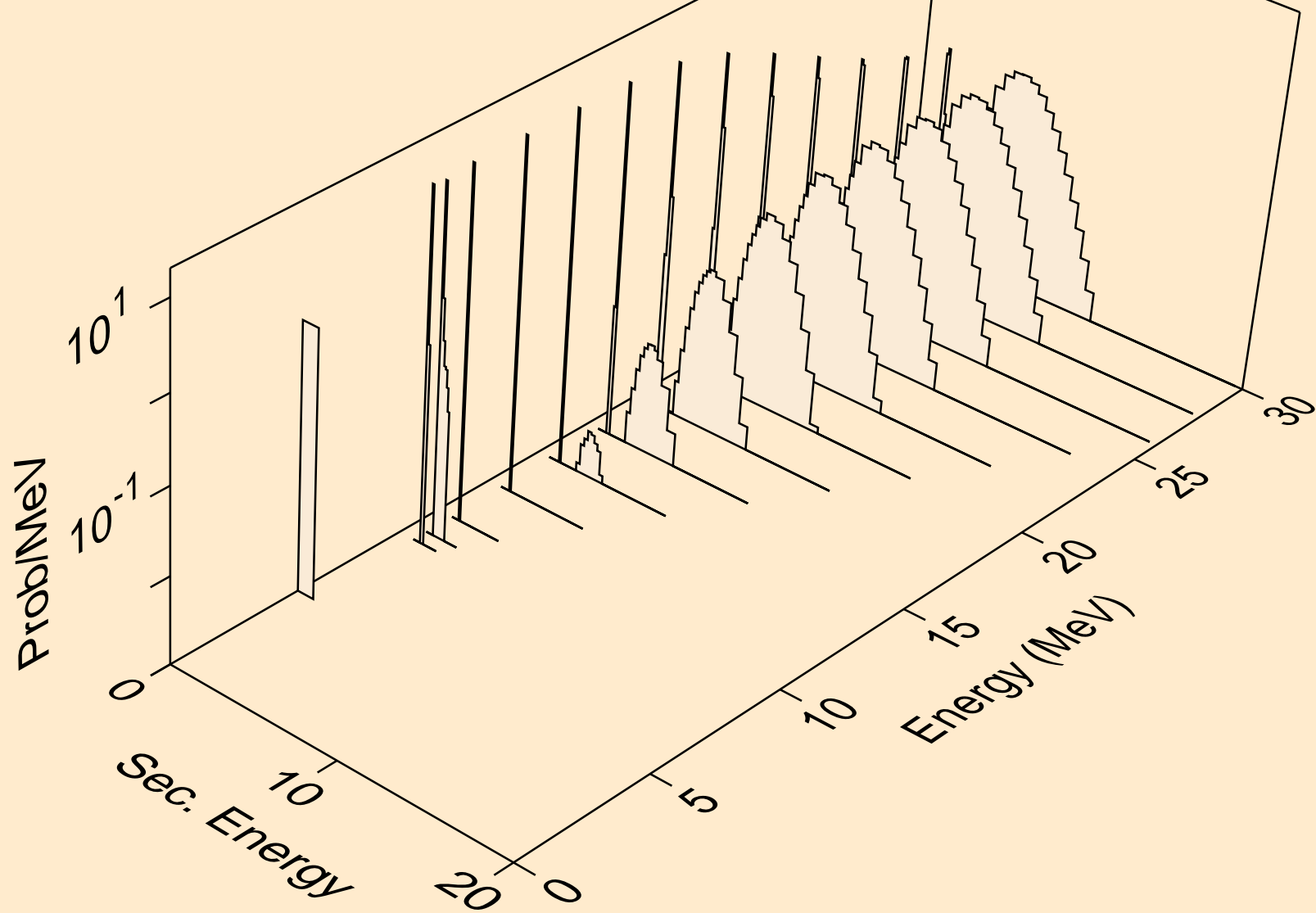
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protons from (n,p)



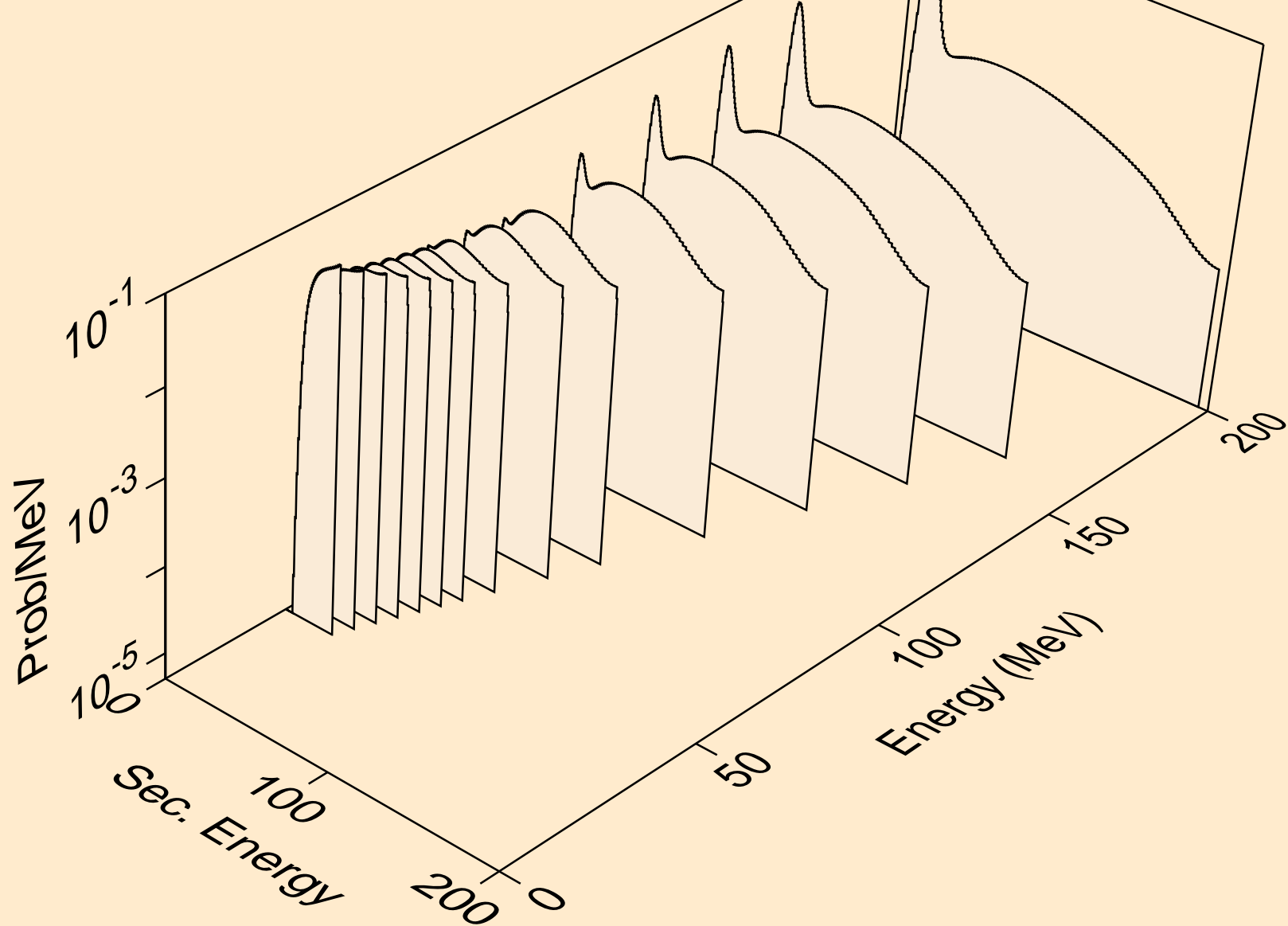
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protons from (n,pd)



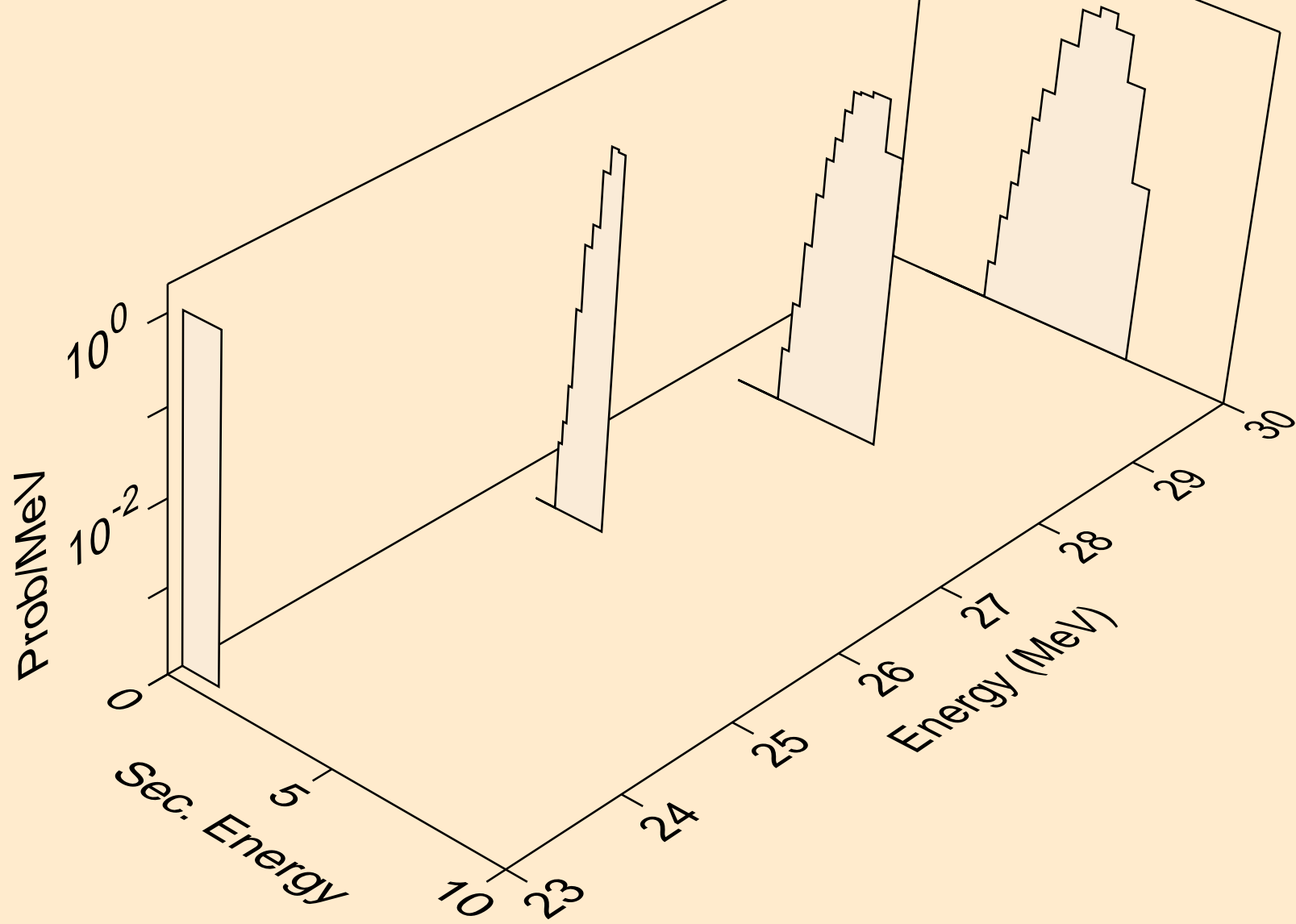
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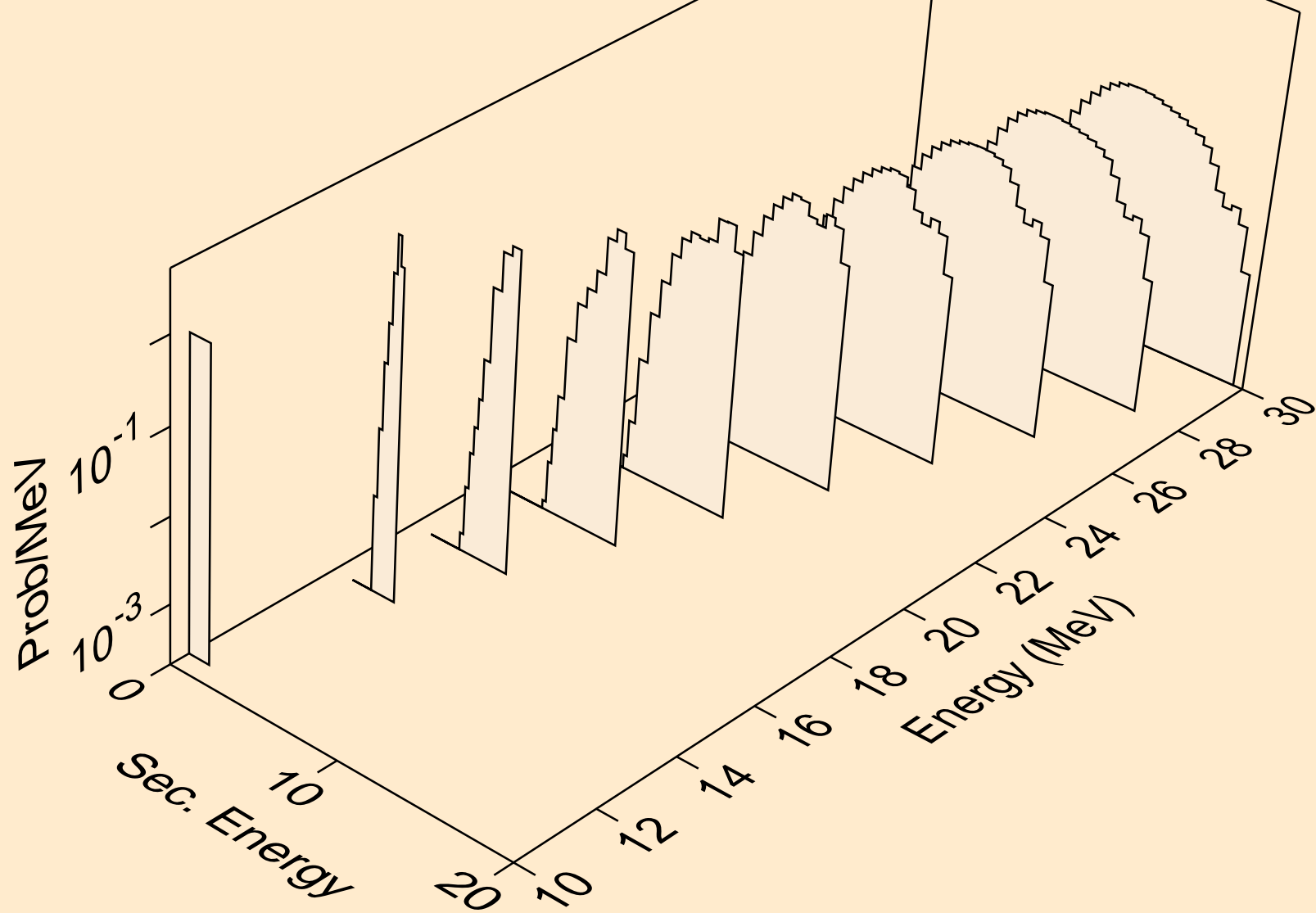
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deuterons from (n,x)



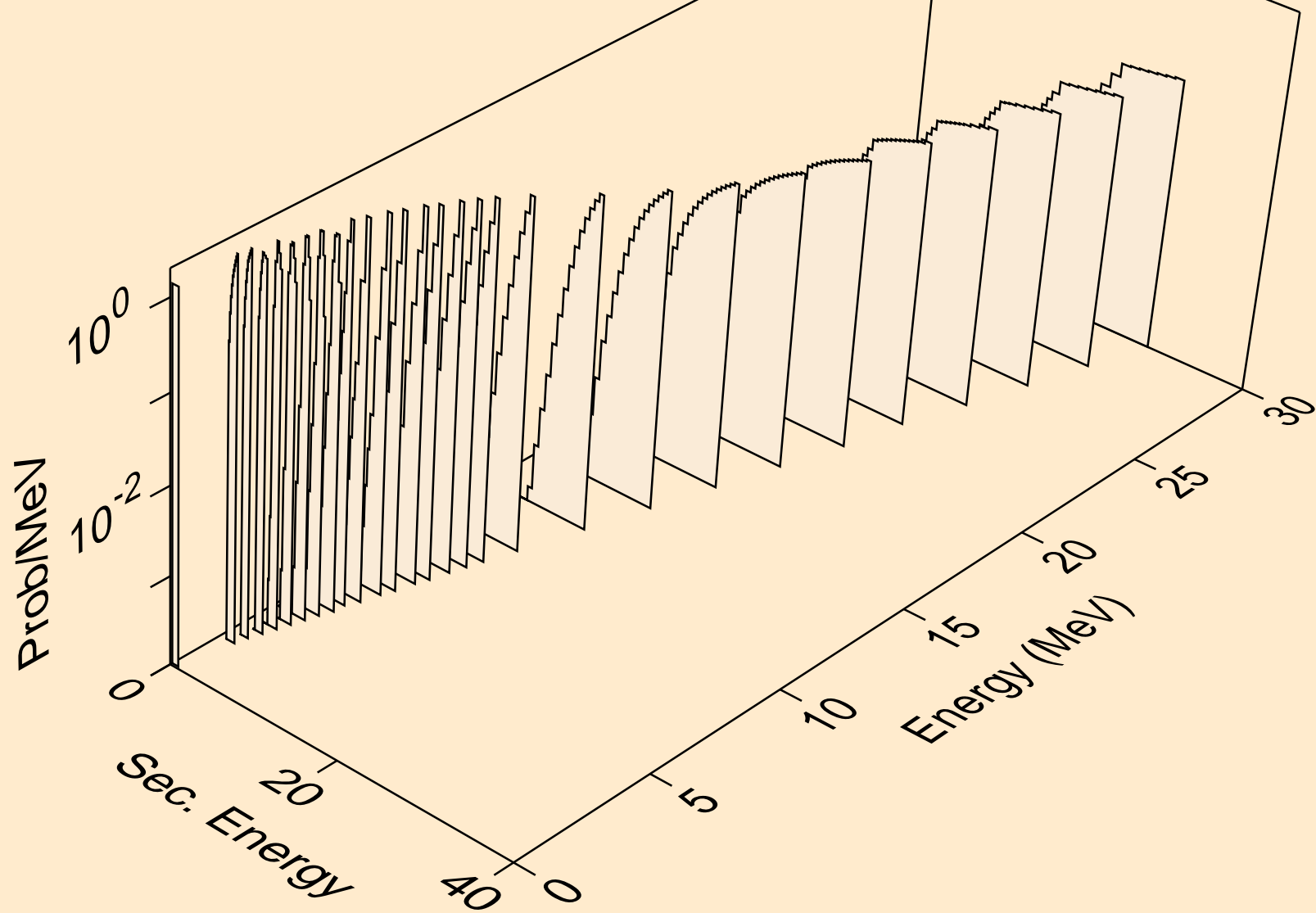
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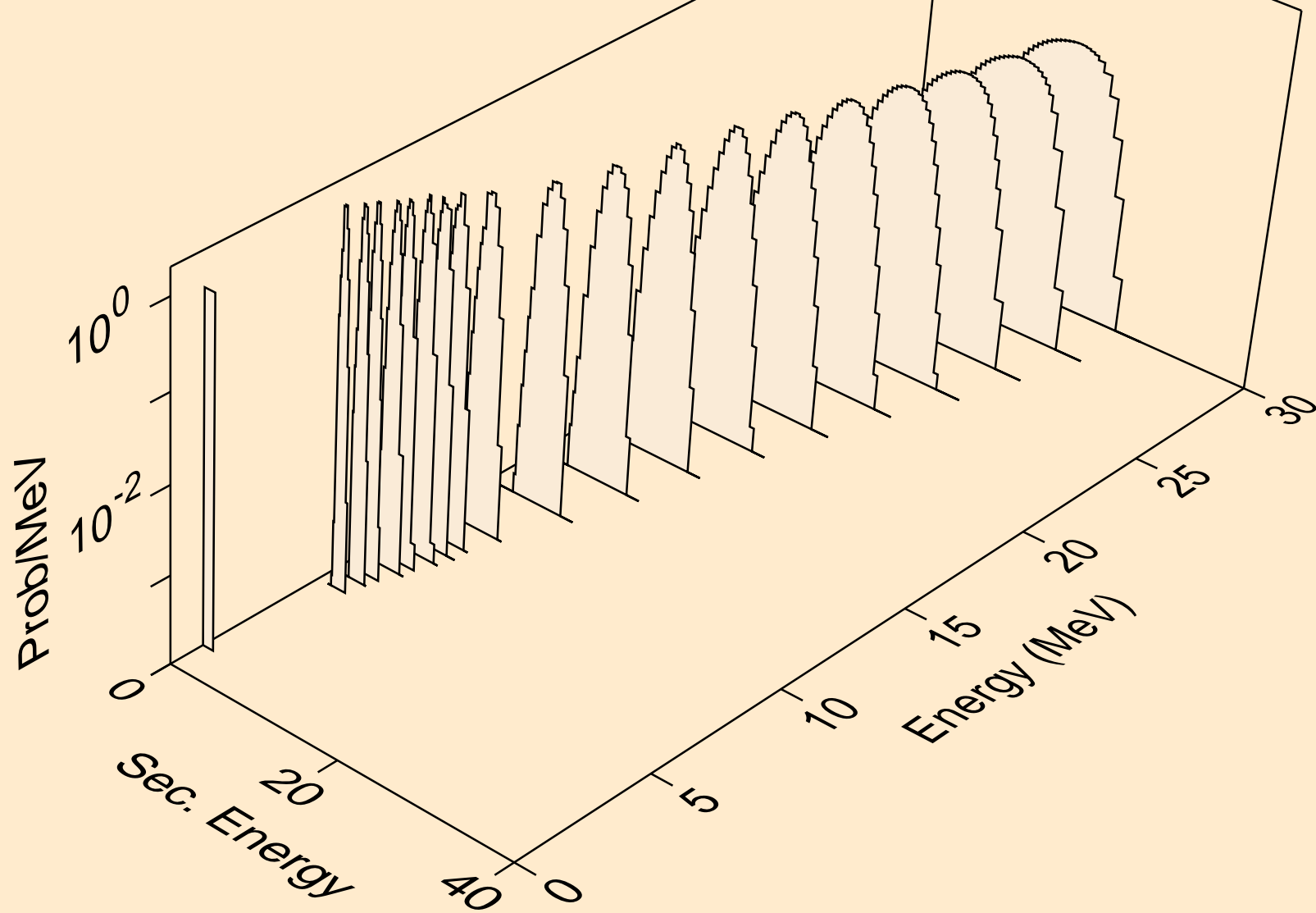
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
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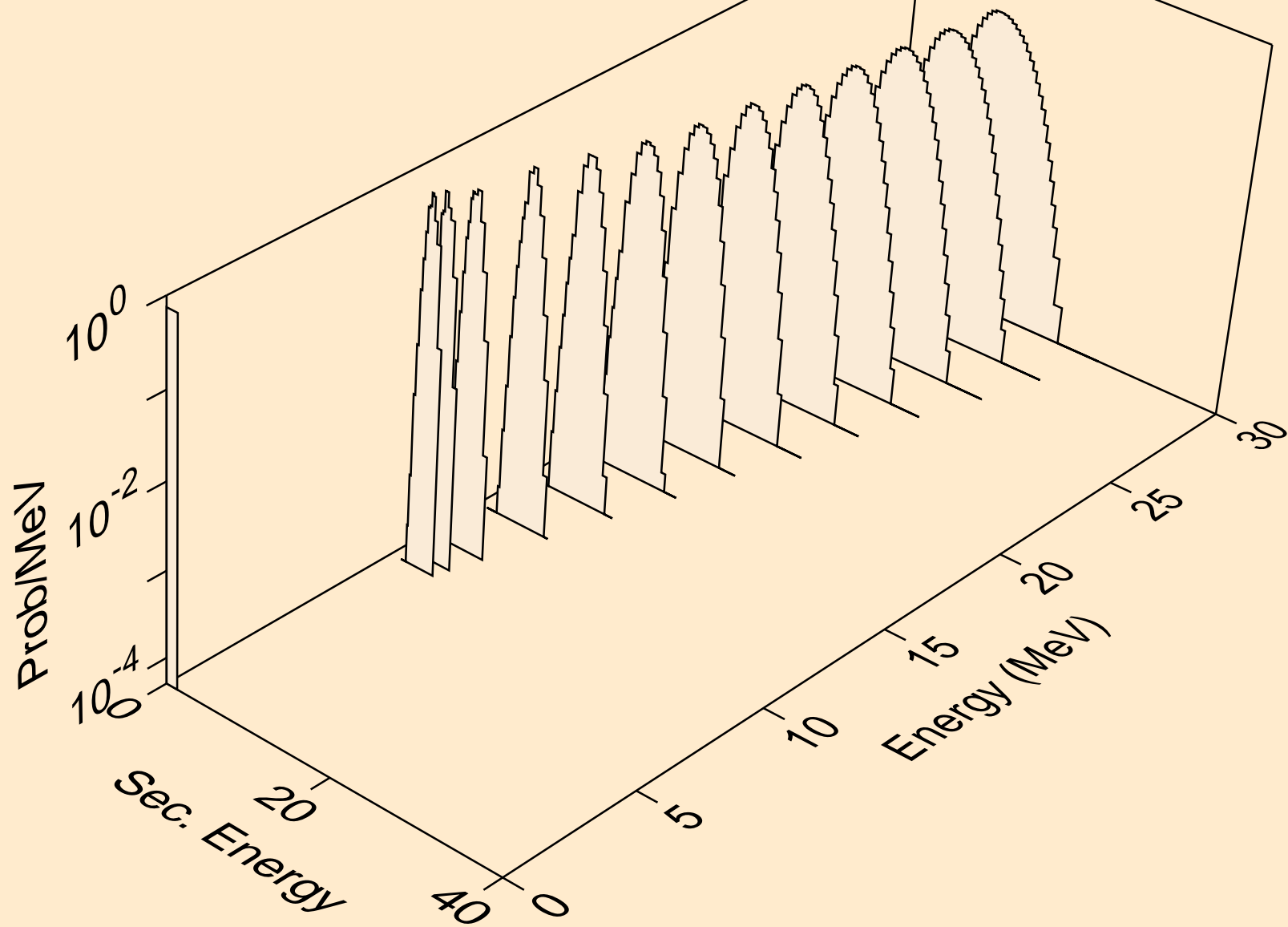


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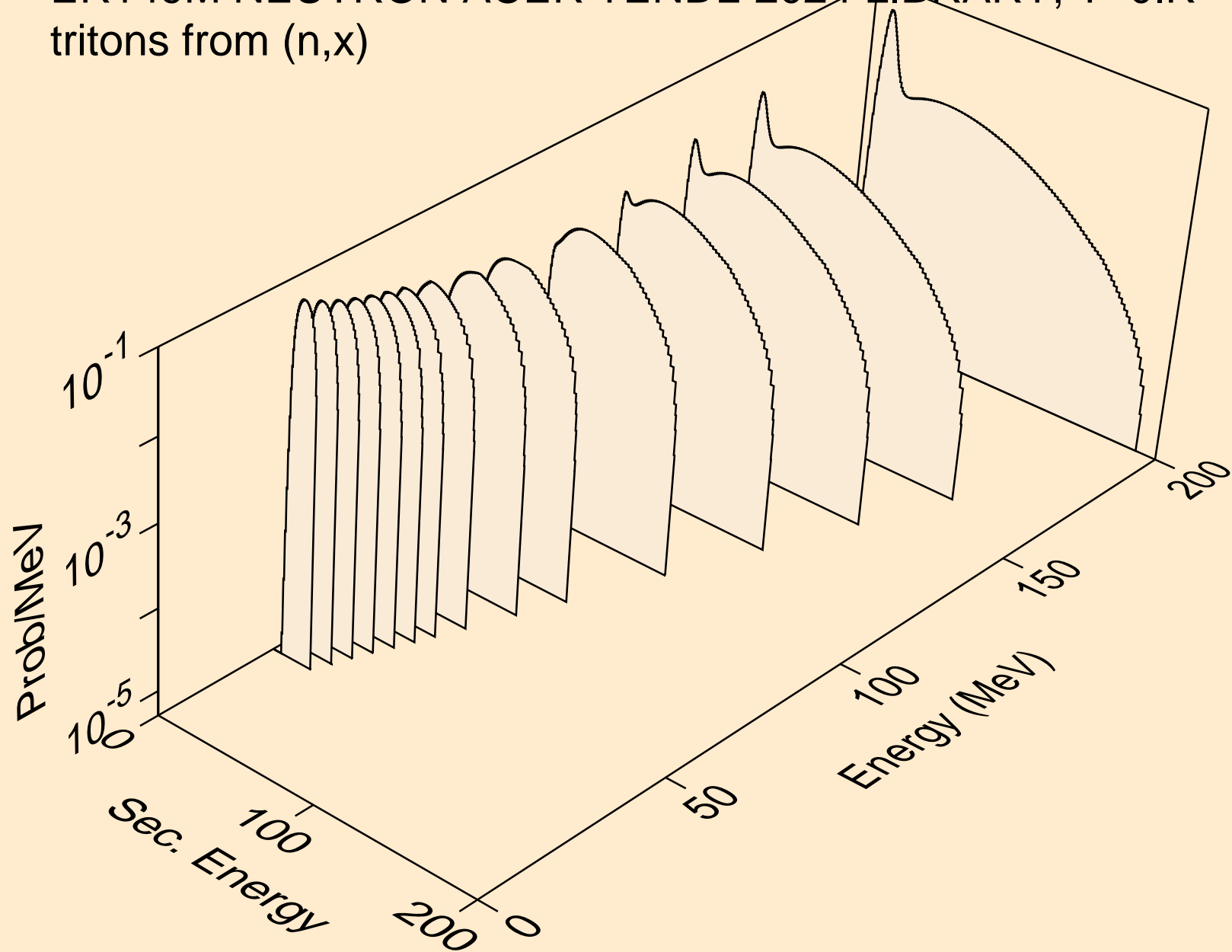




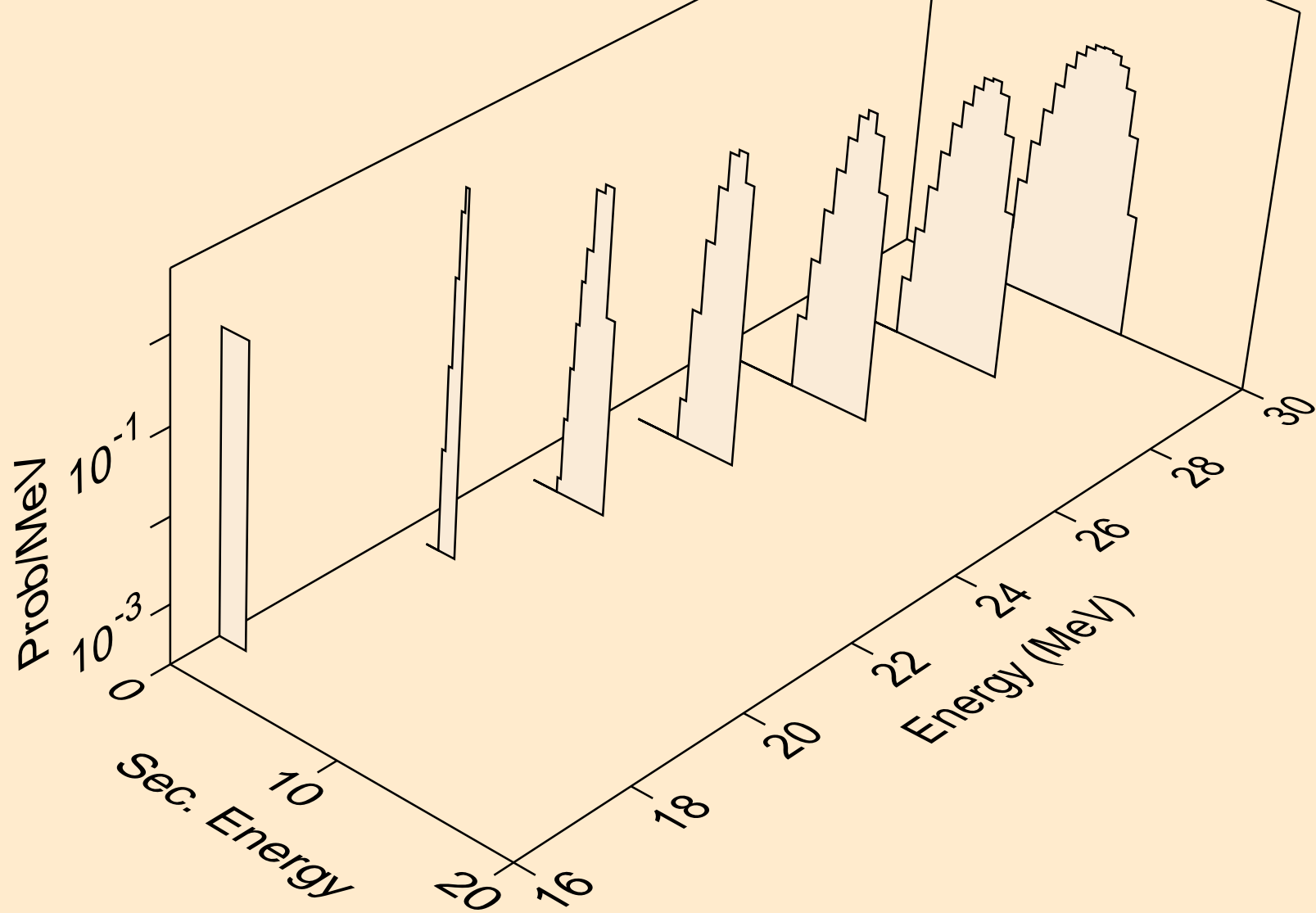
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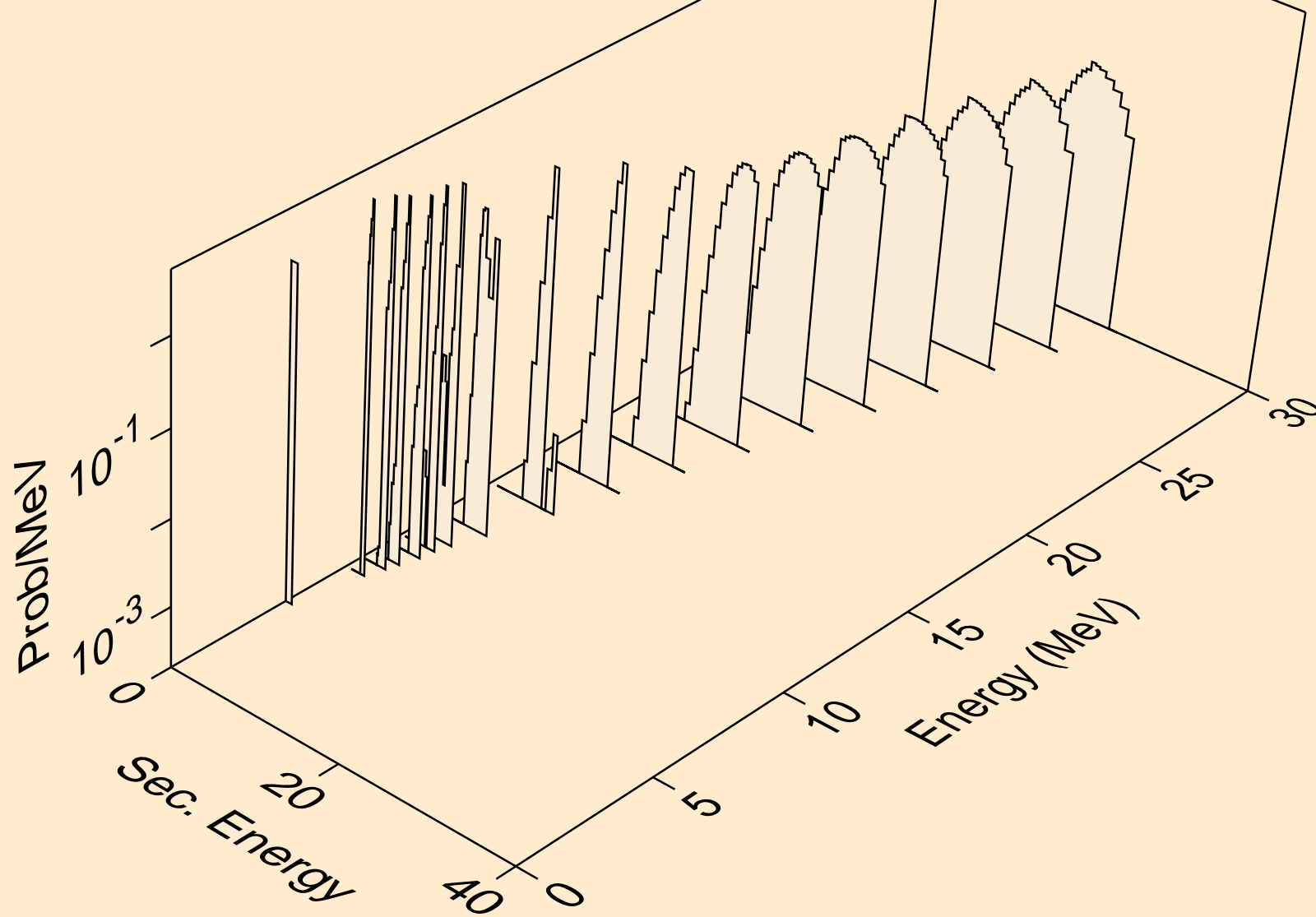
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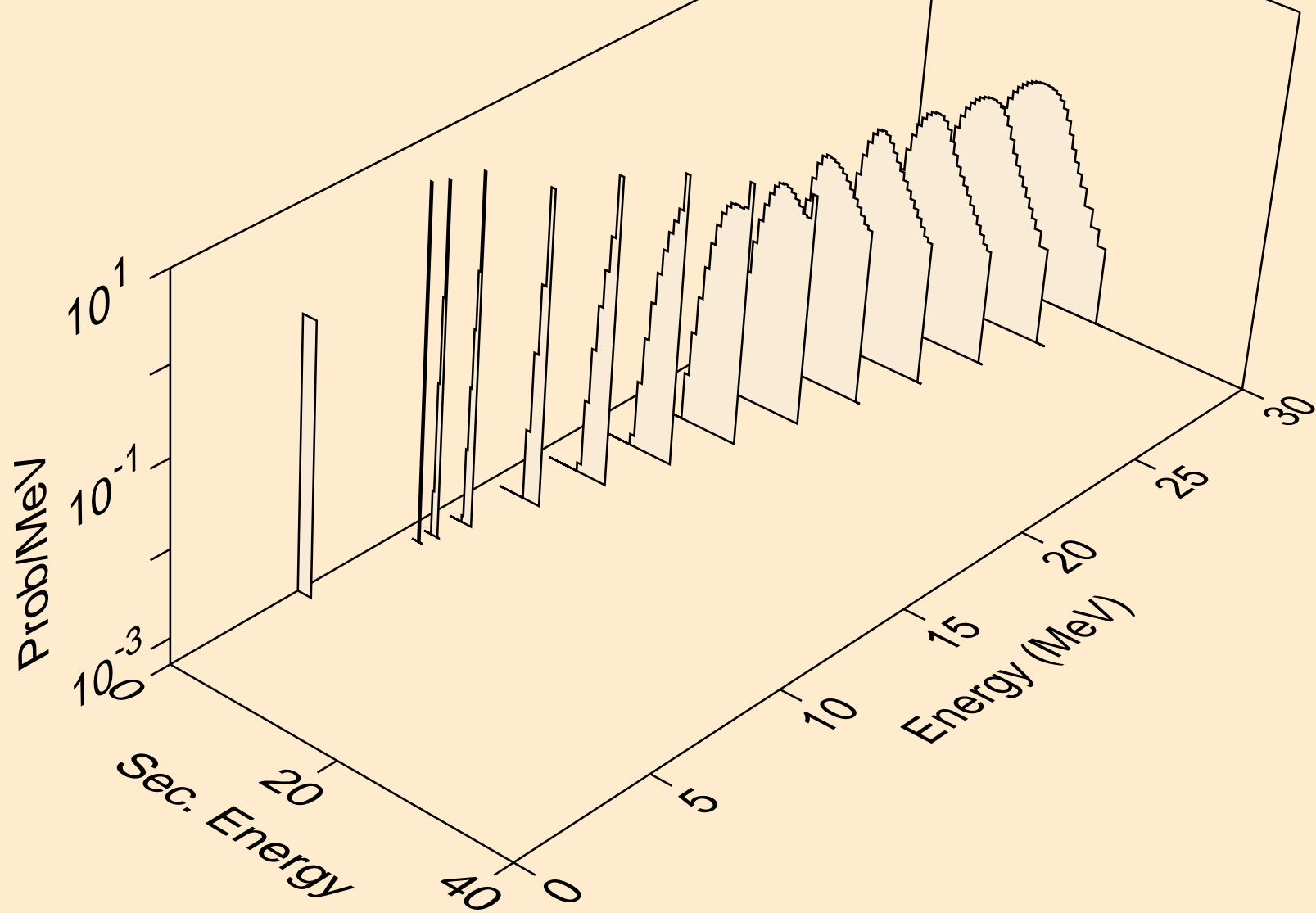
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tritons from (n,n\*)t



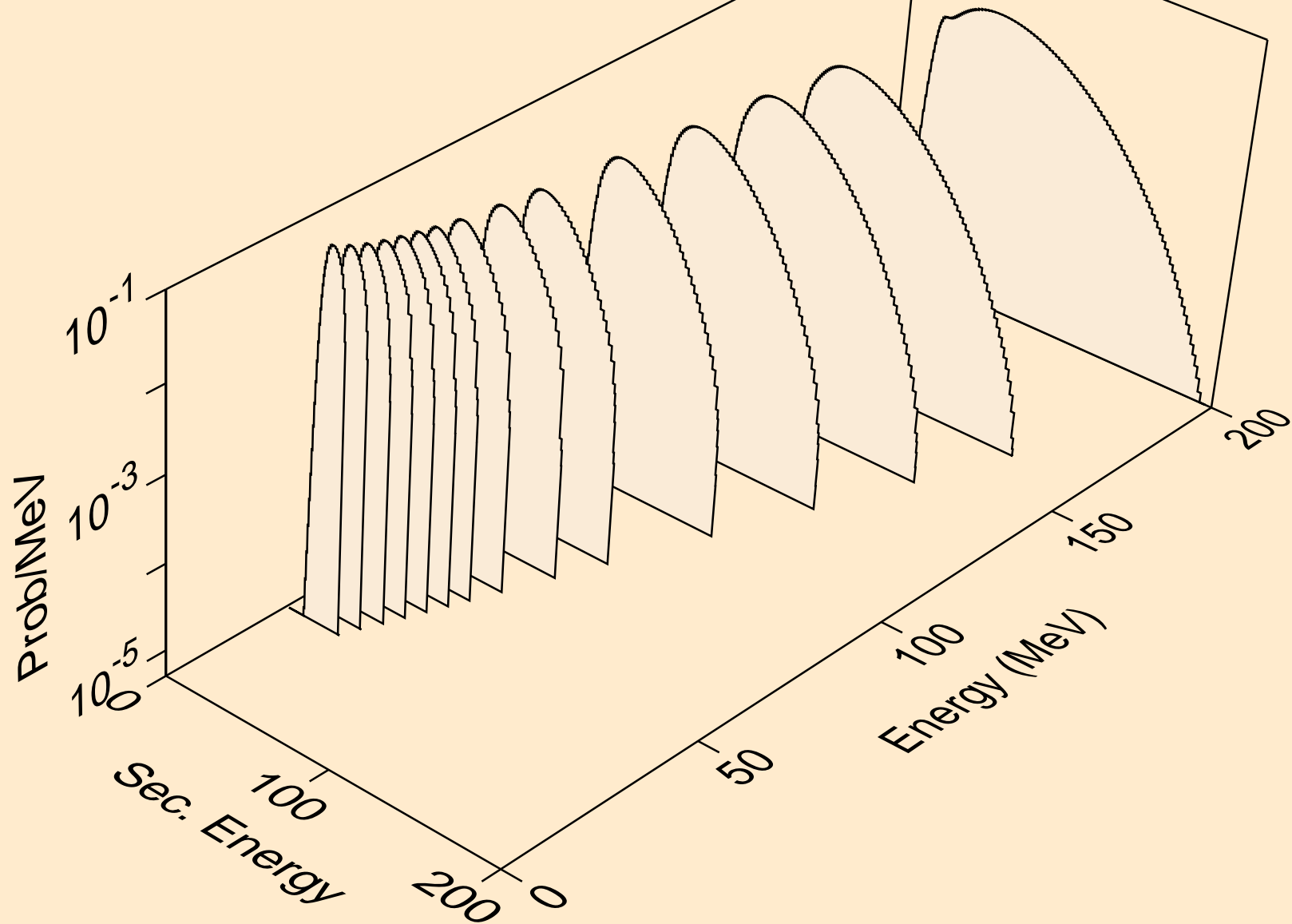
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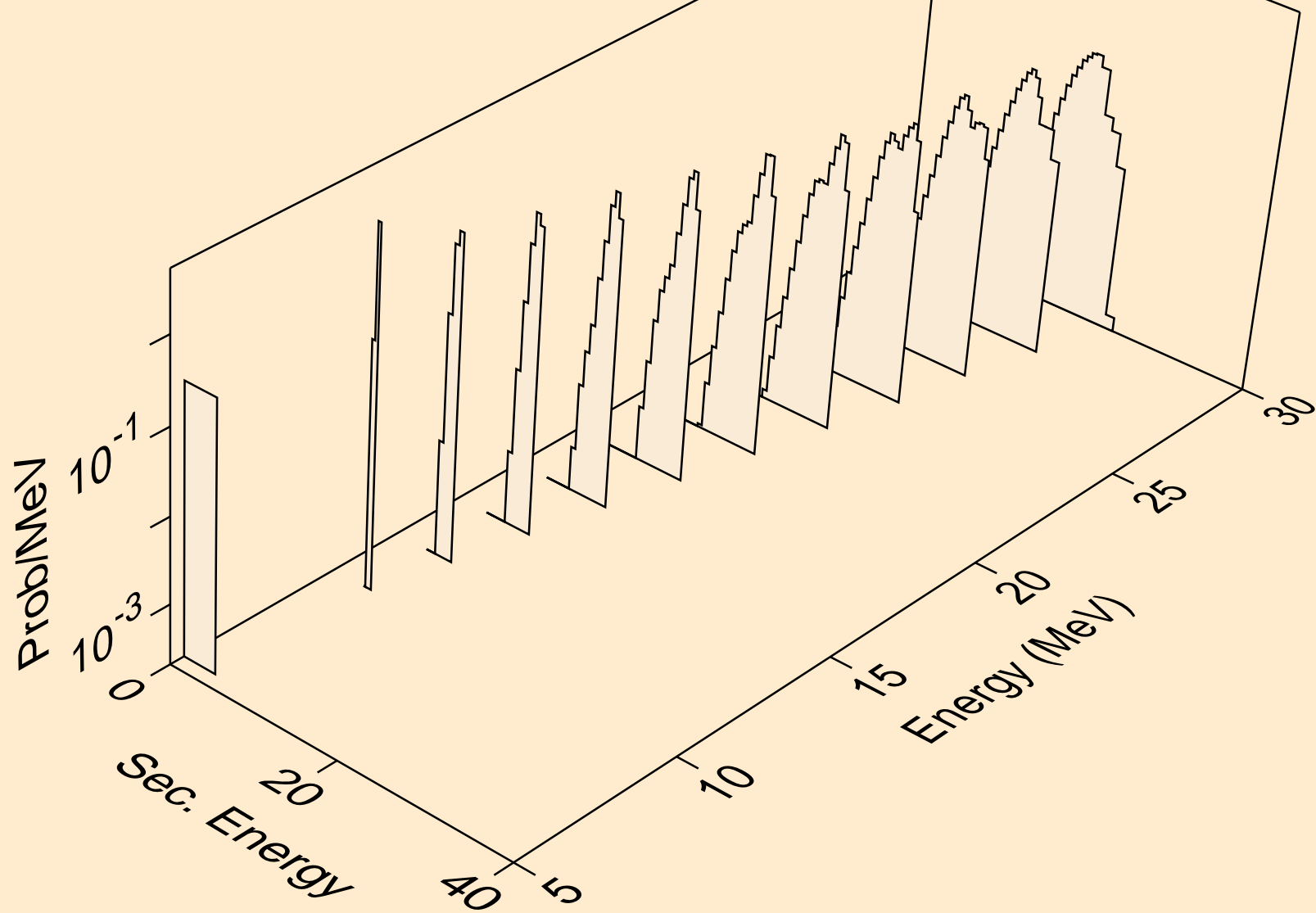
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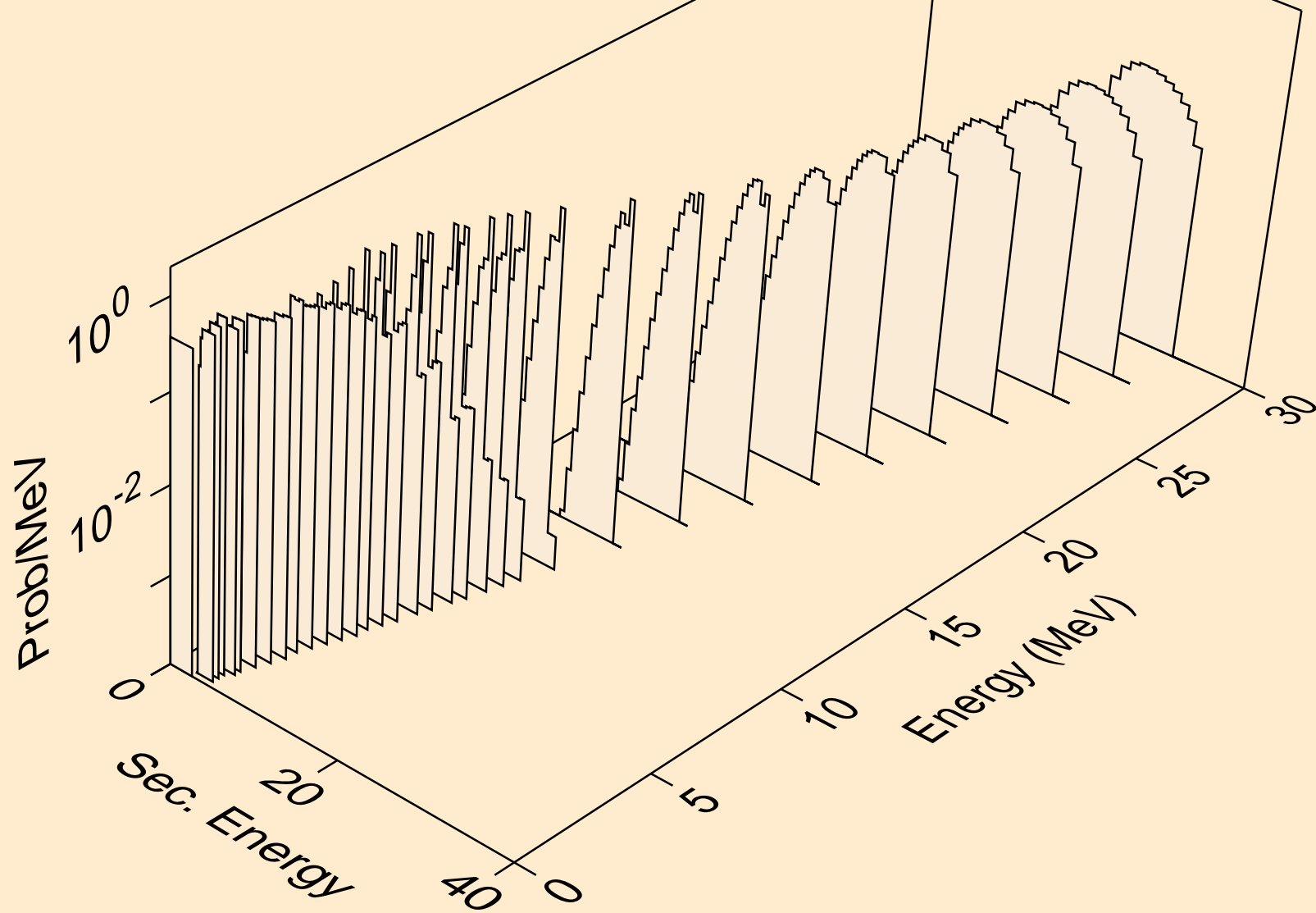
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

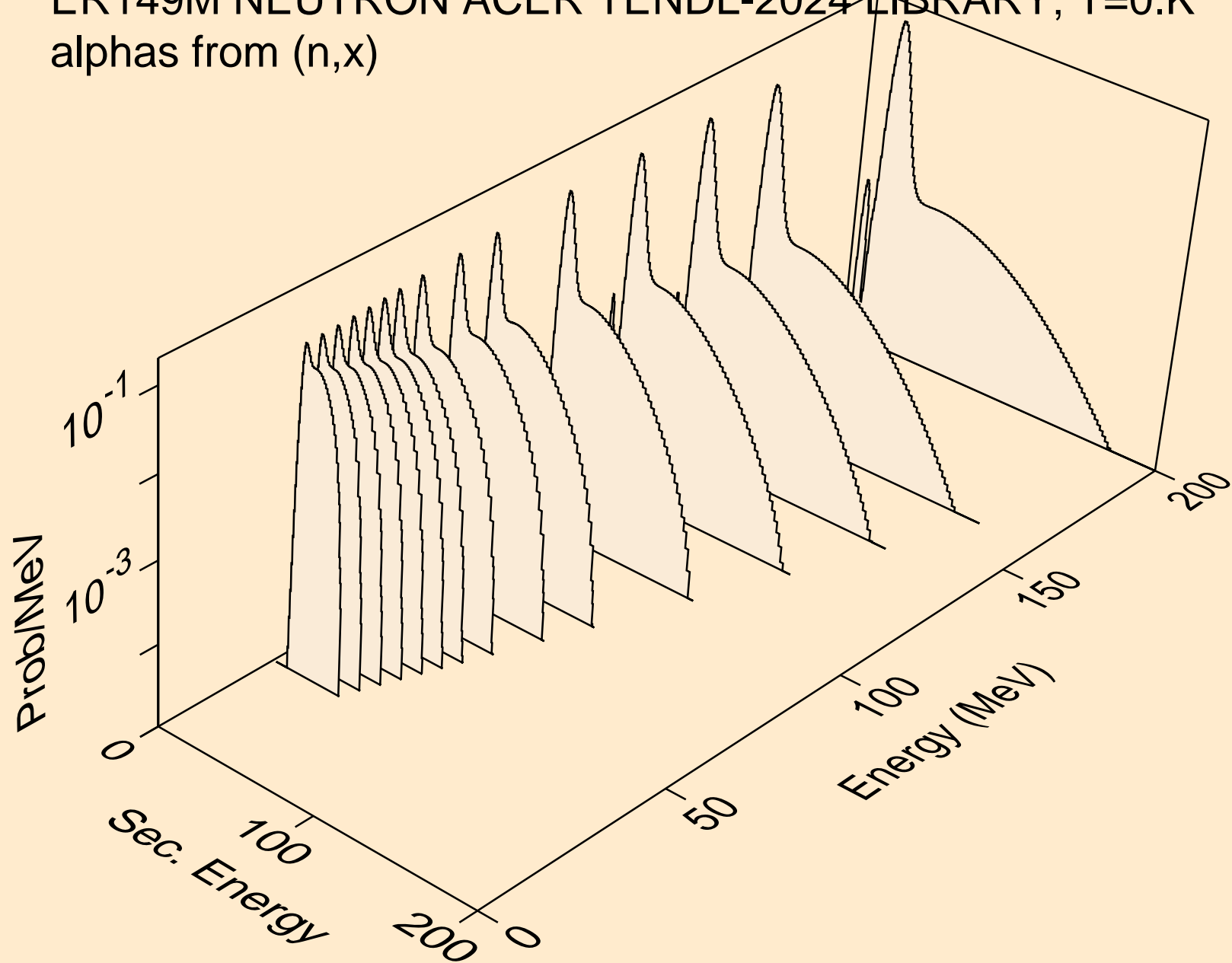


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he3s from (n,he3)

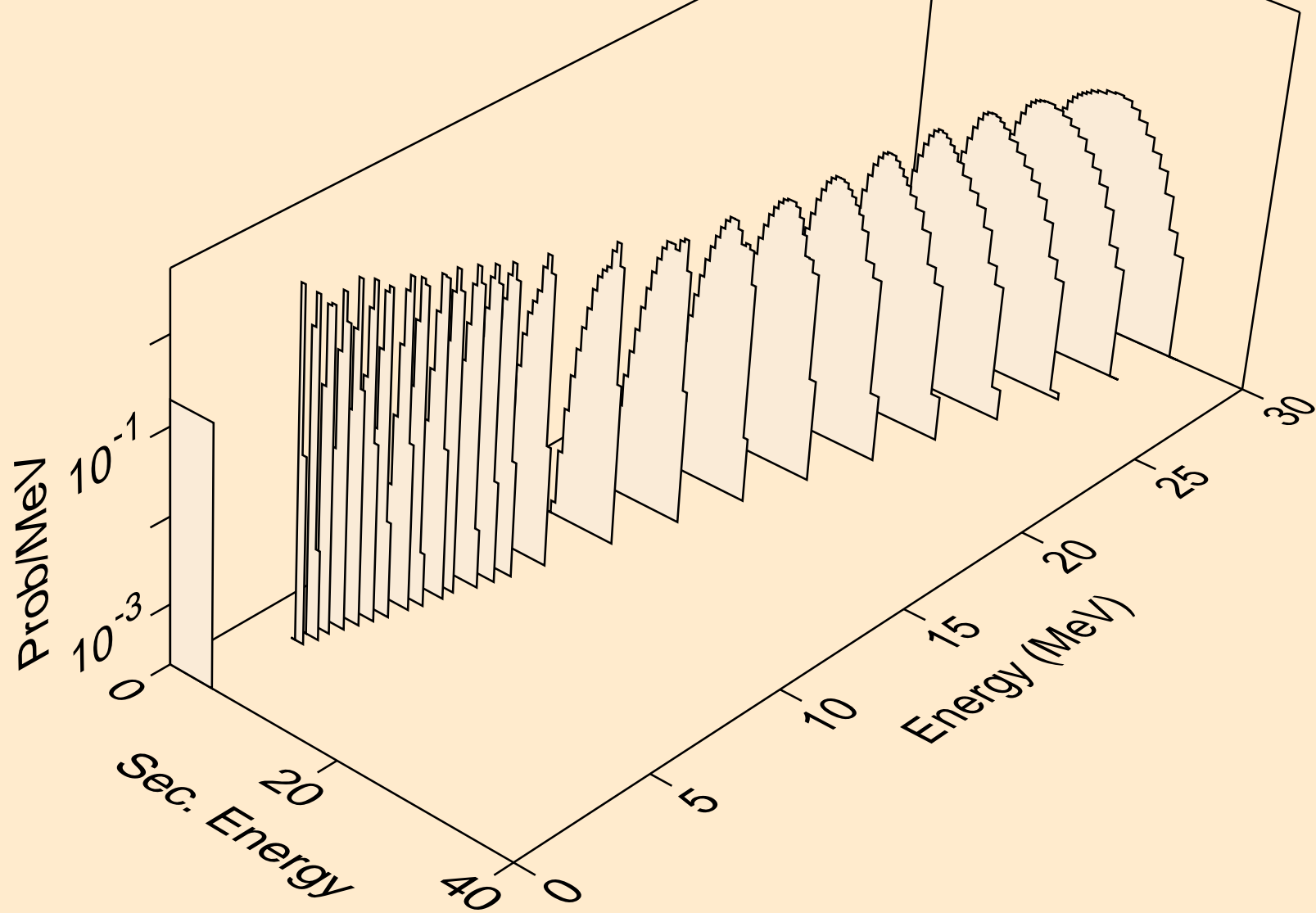




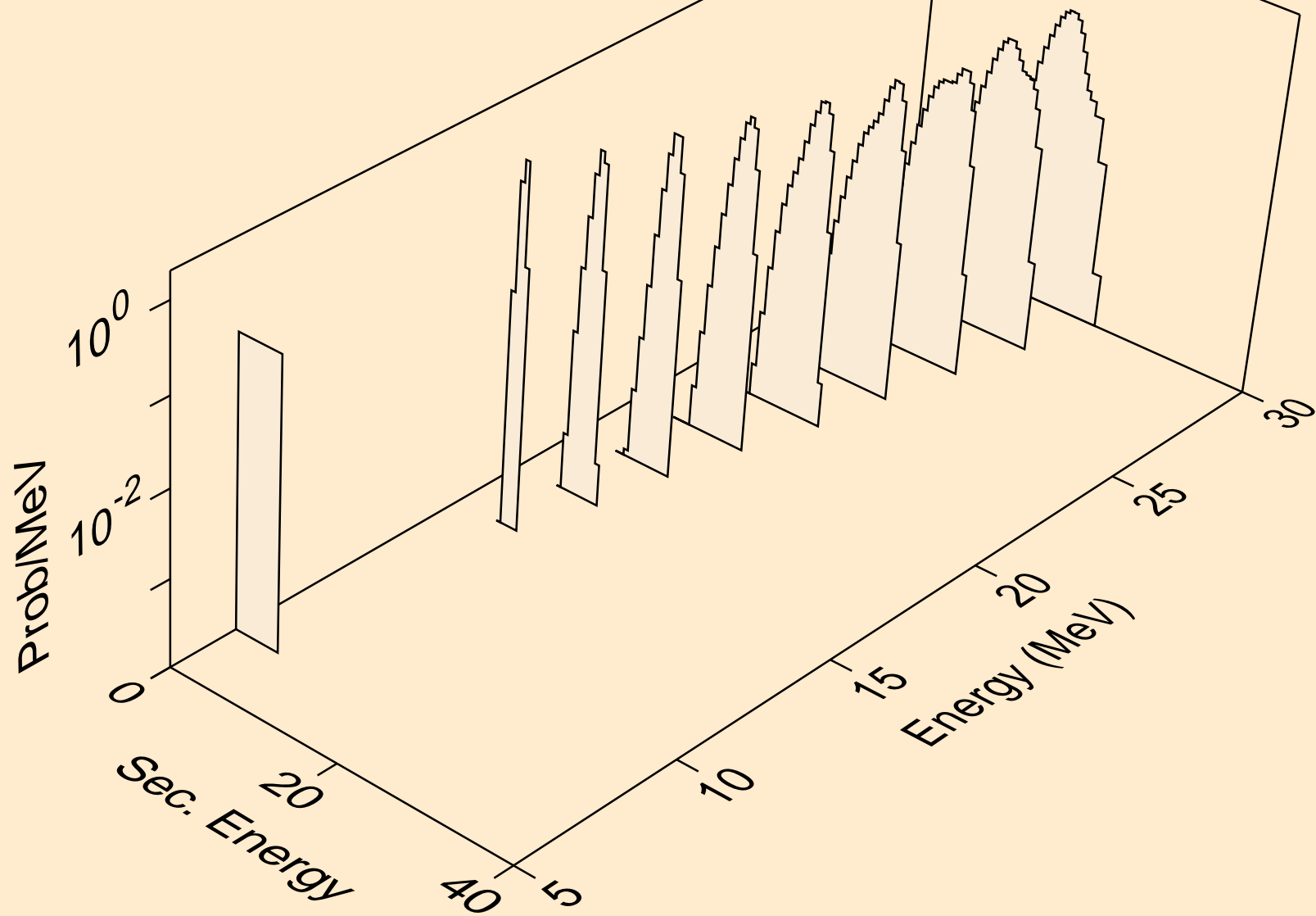
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alphas from (n,x)



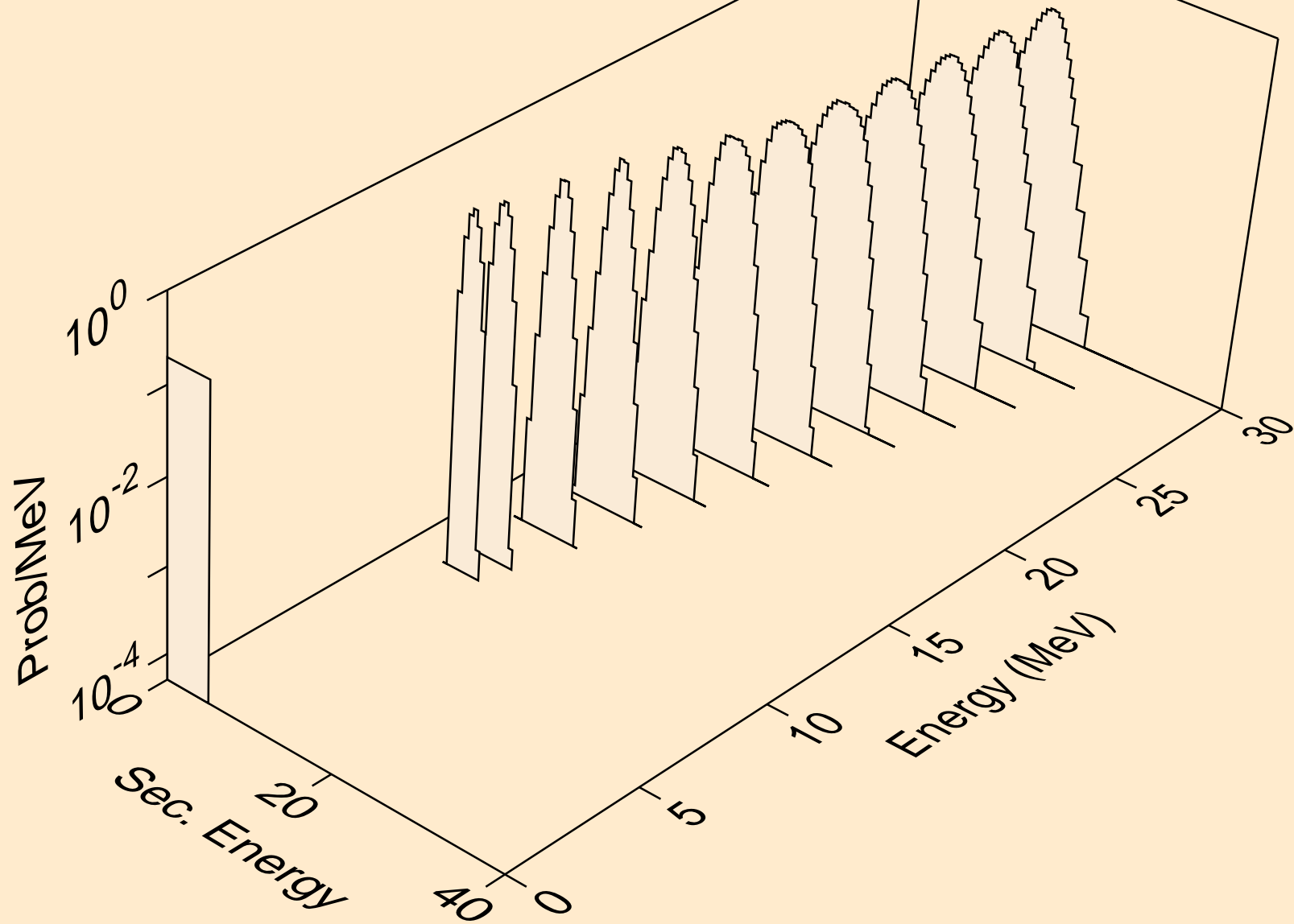
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



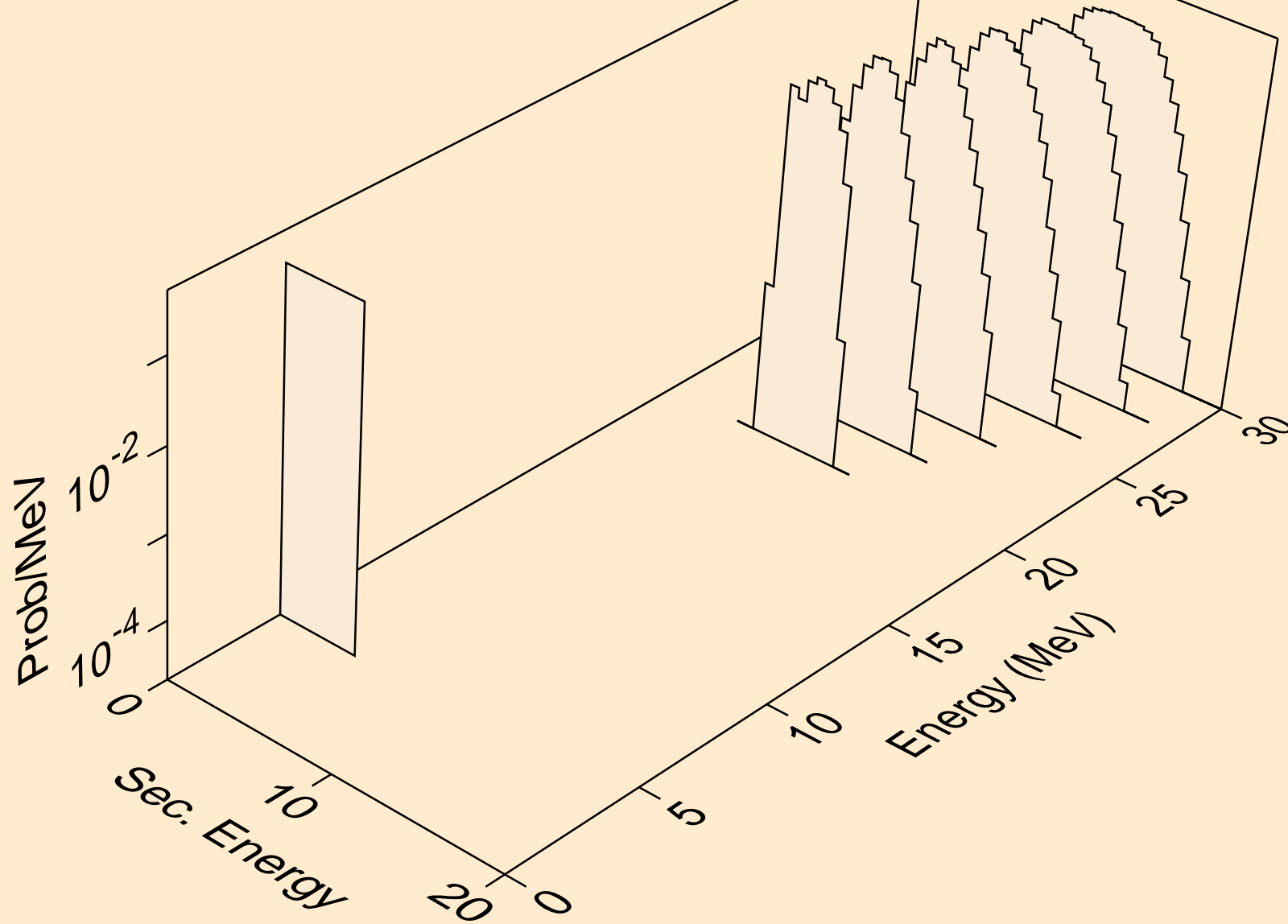
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alphas from (n,2n)a



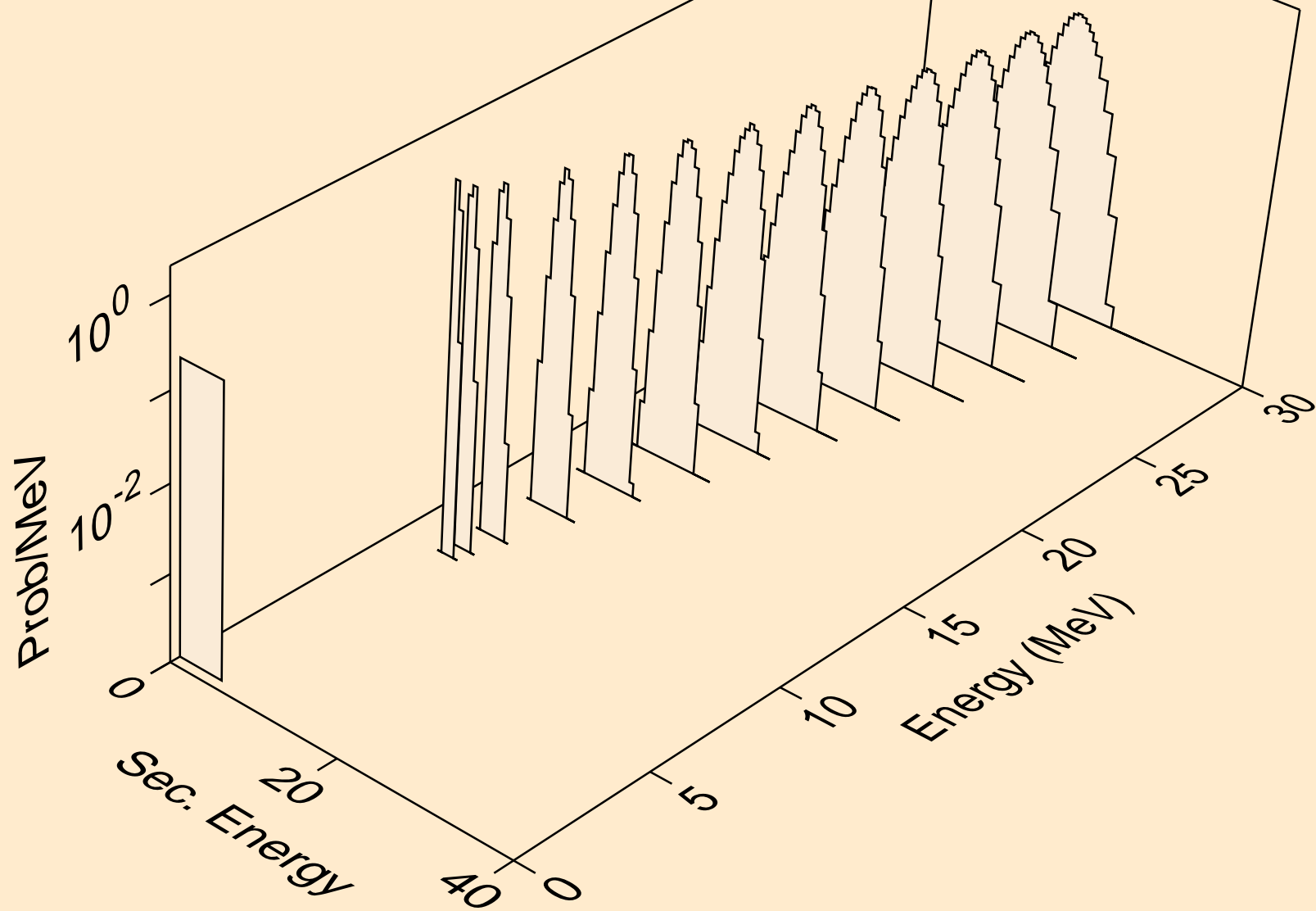
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alphas from (n,n\*)2a



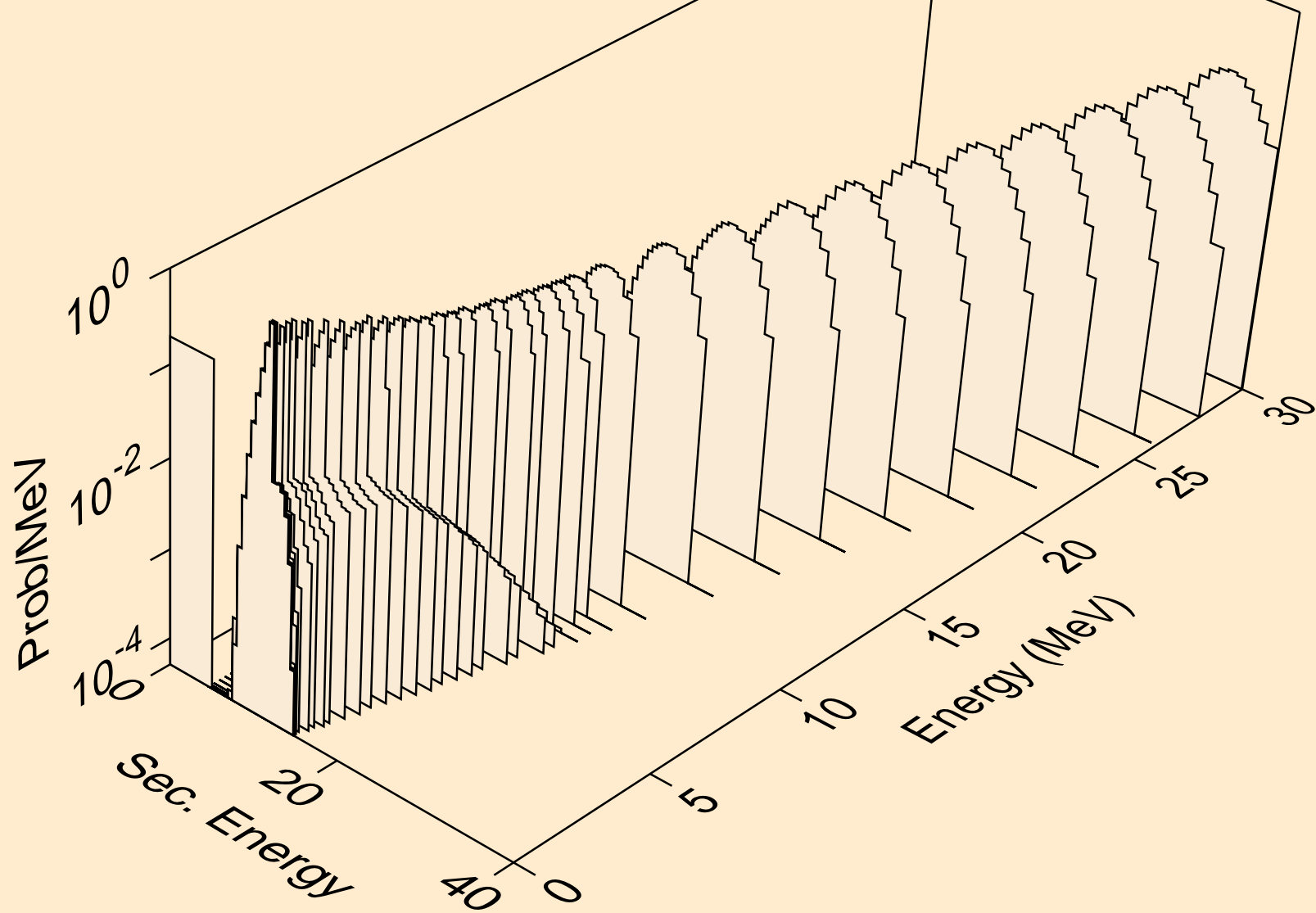
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alphas from (n,2n)2a



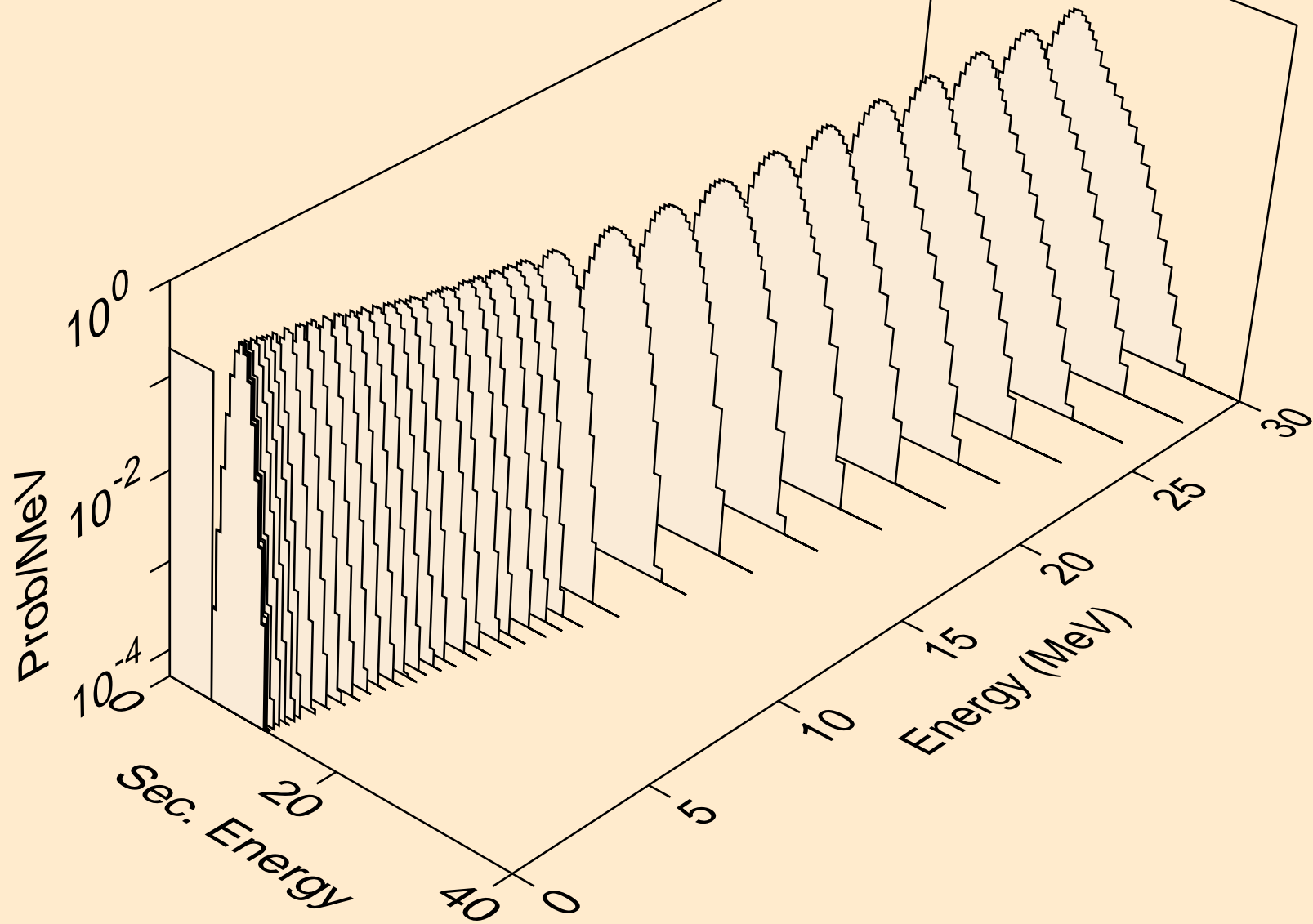
ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

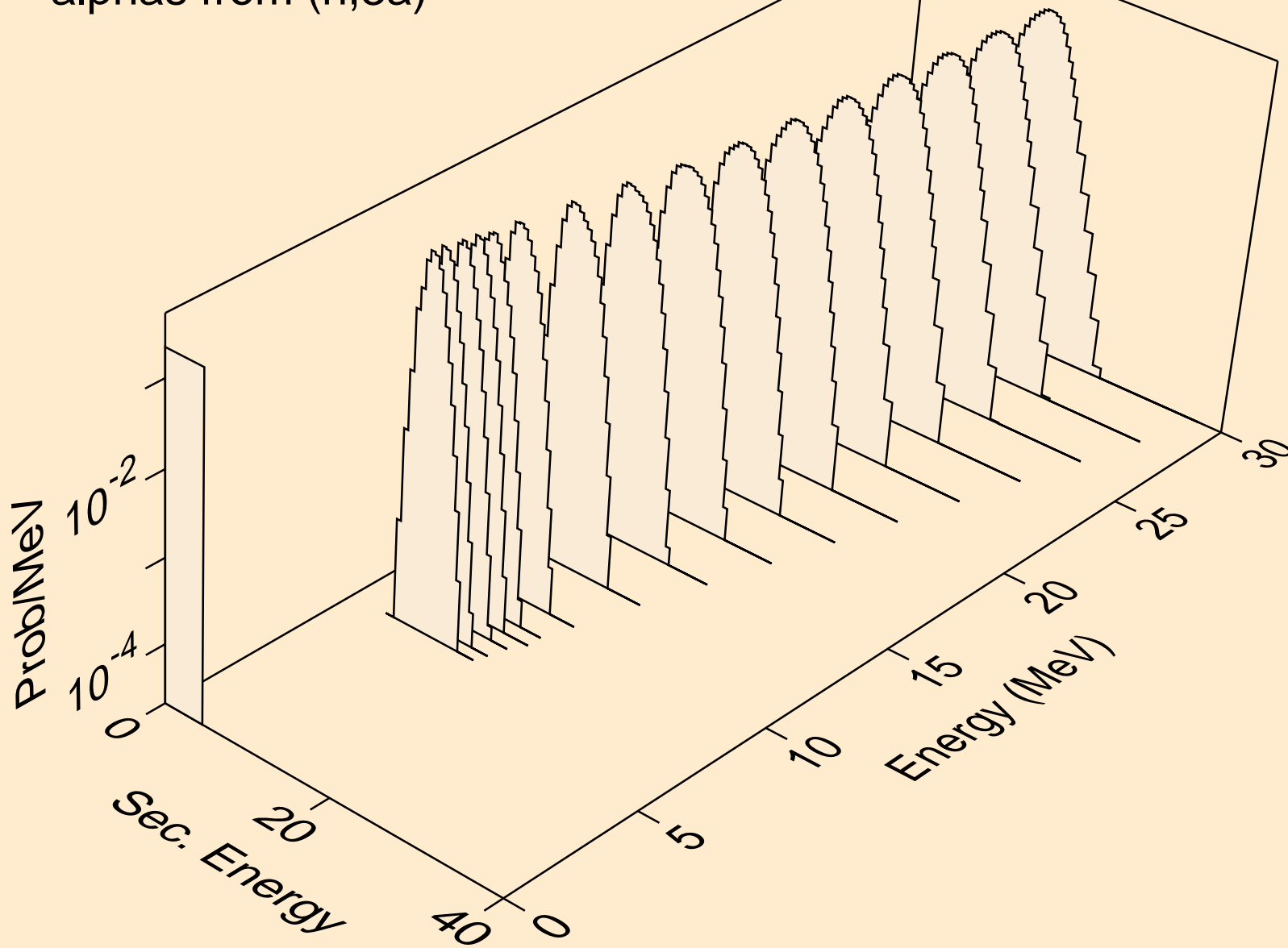


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alphas from (n,2a)

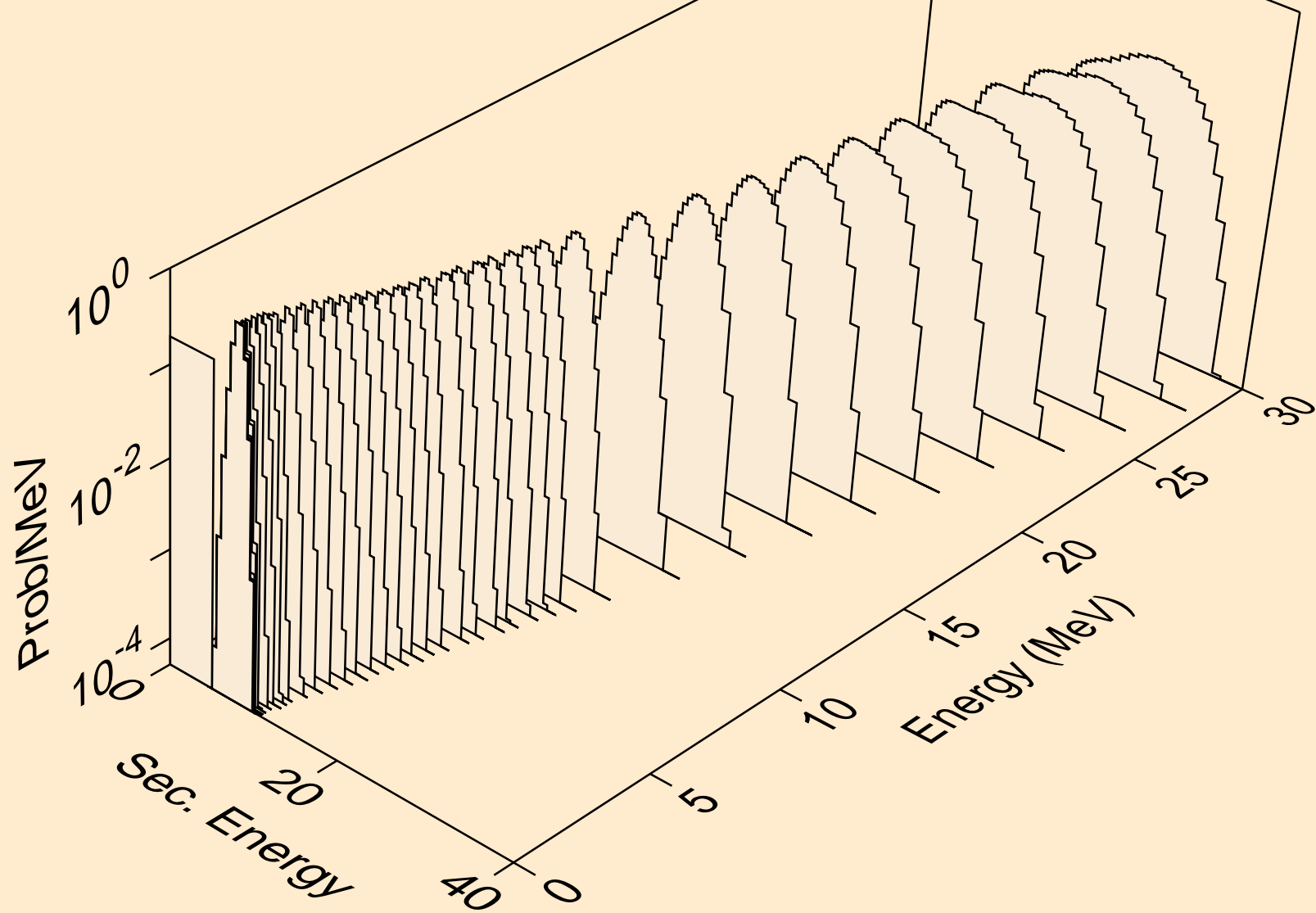




ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,p)



ER149M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

