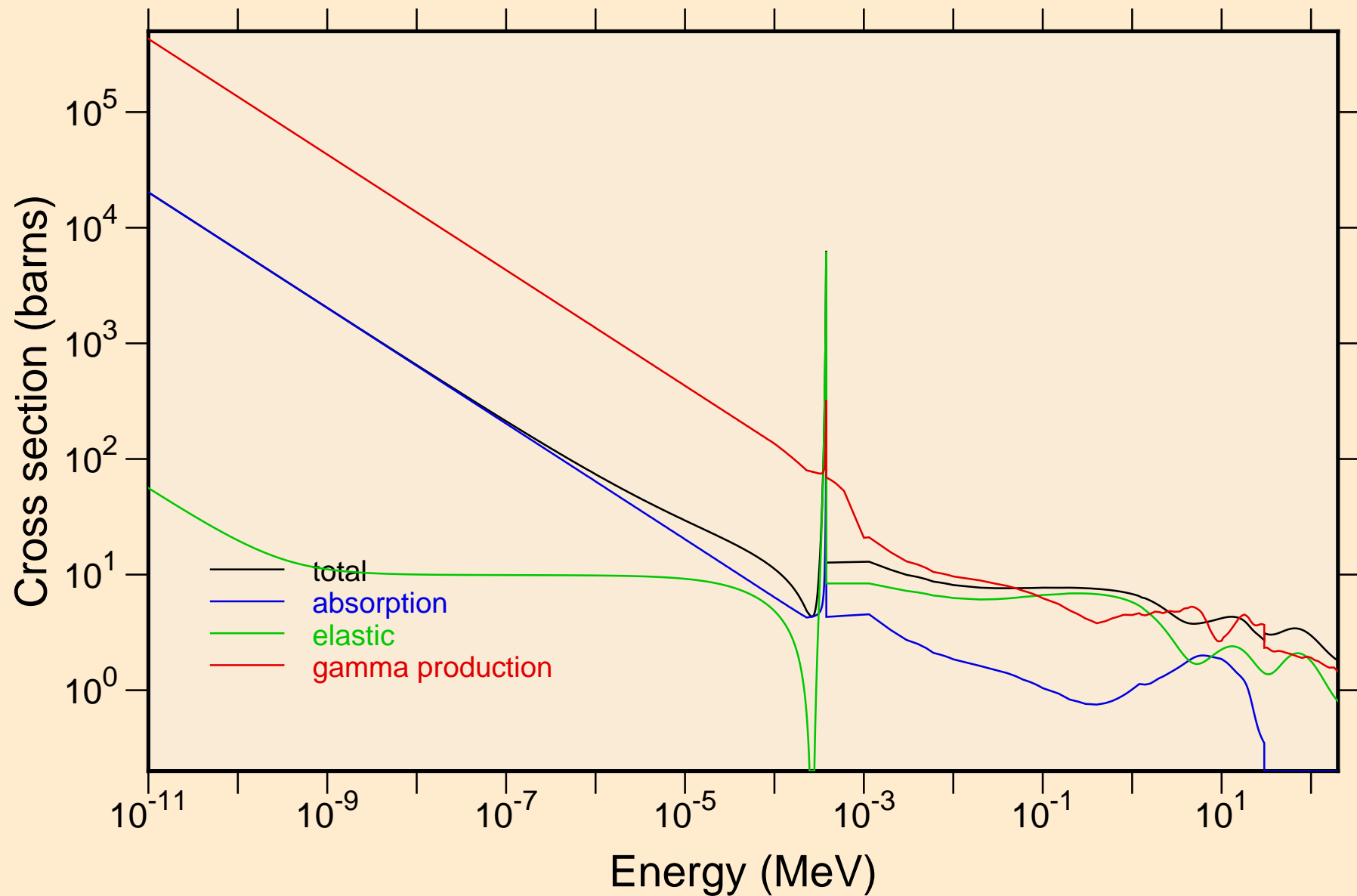
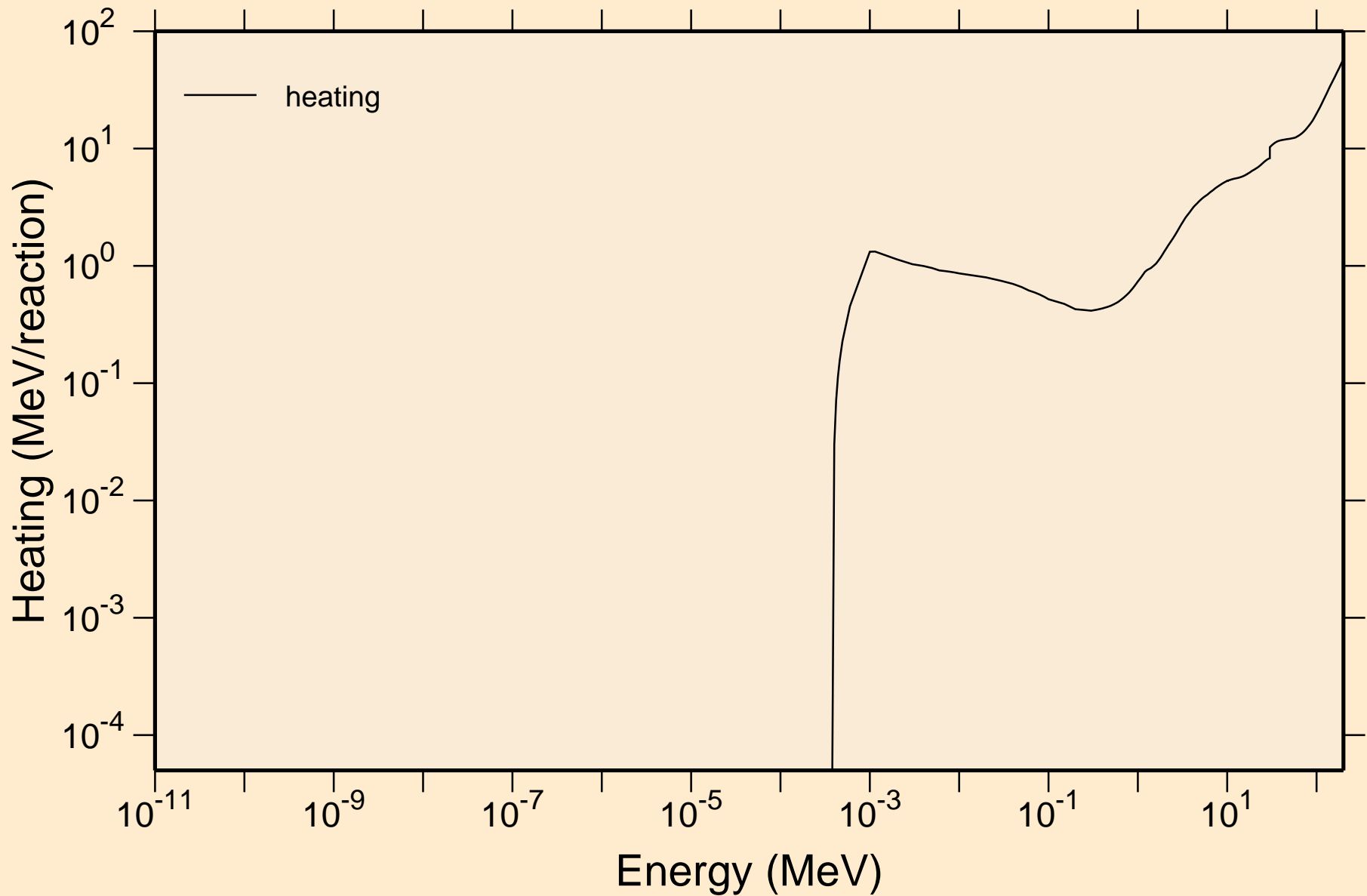


# SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

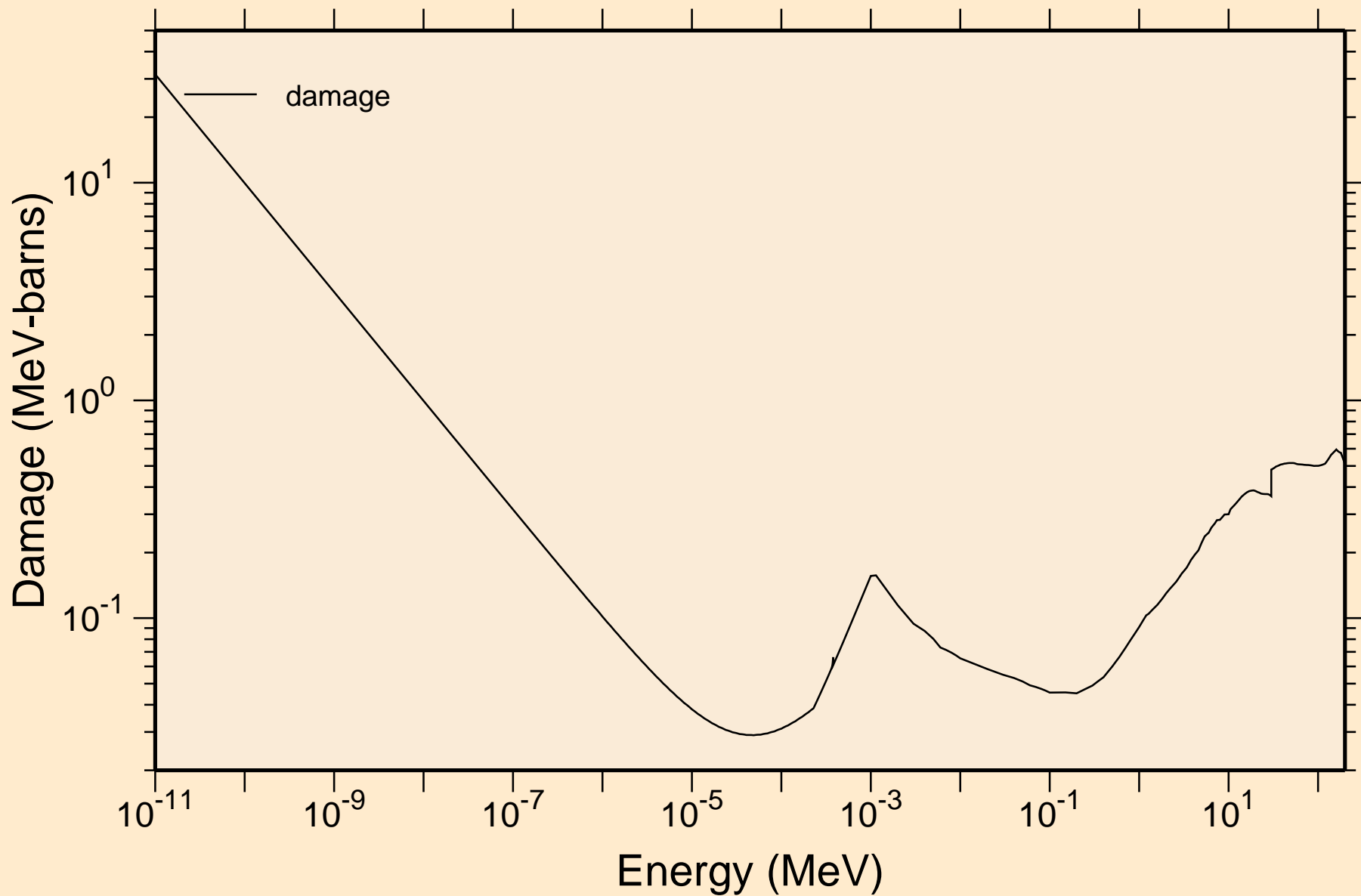
## Principal cross sections



SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

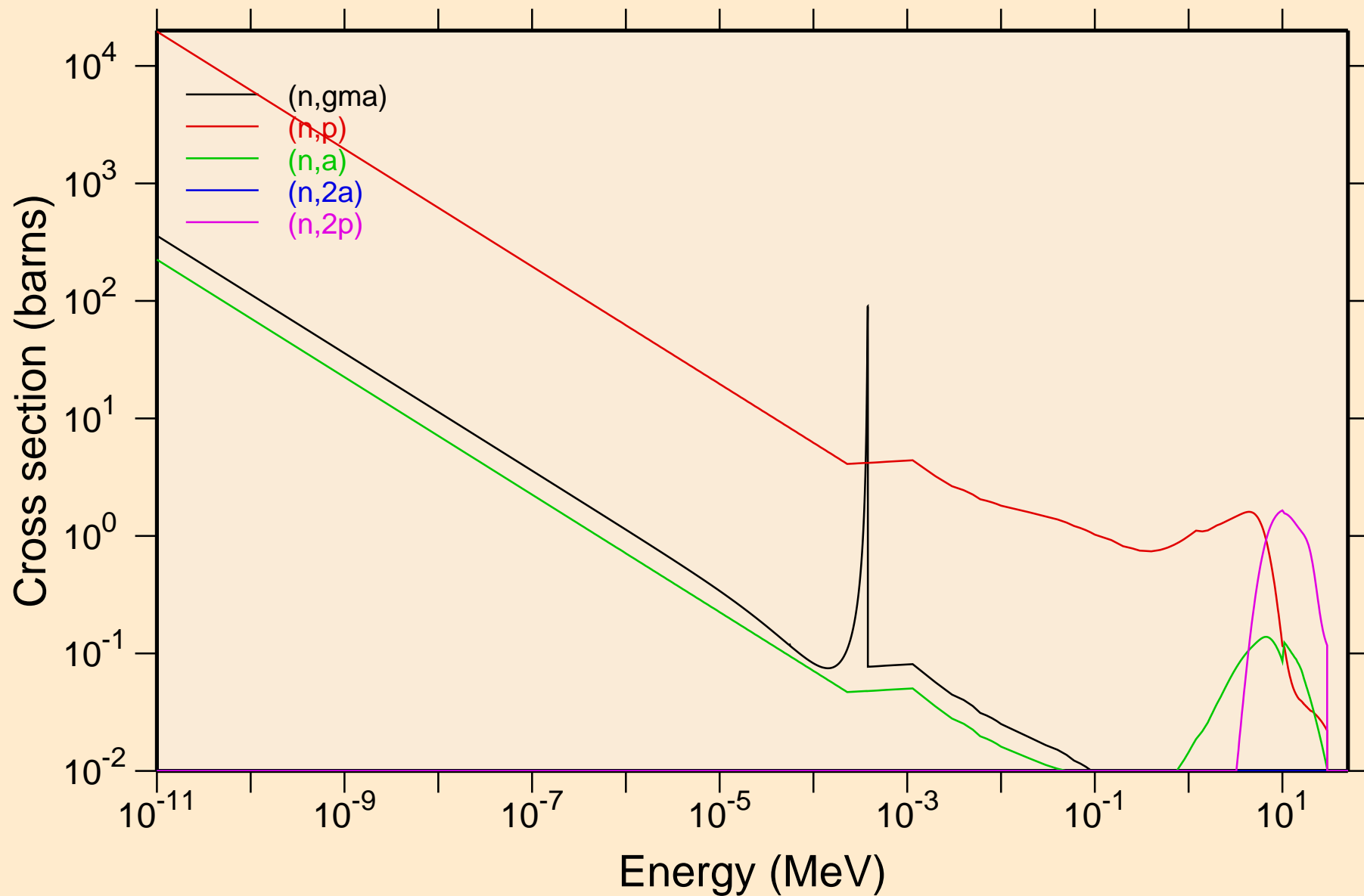


SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



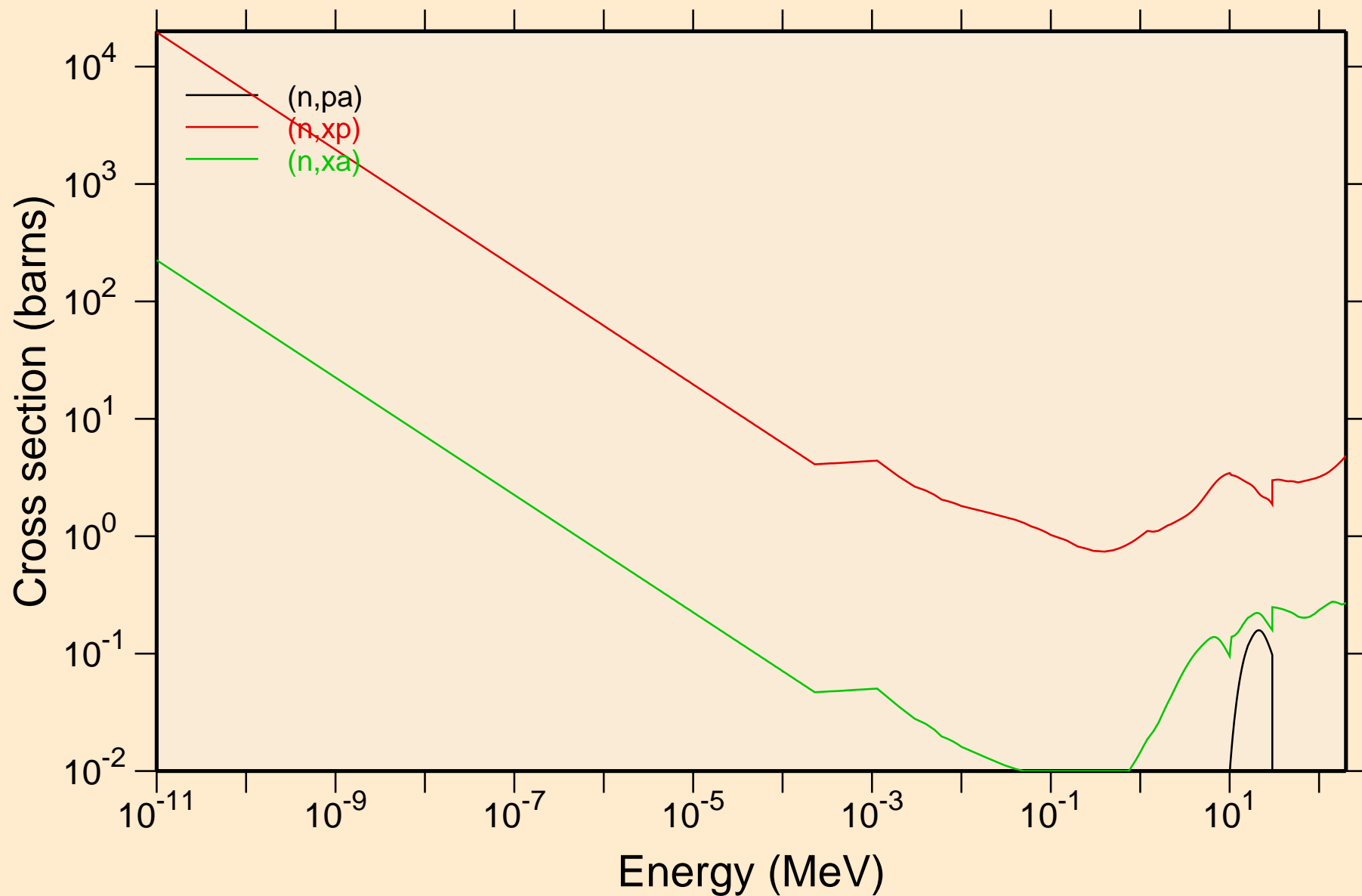
# SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Non-threshold reactions



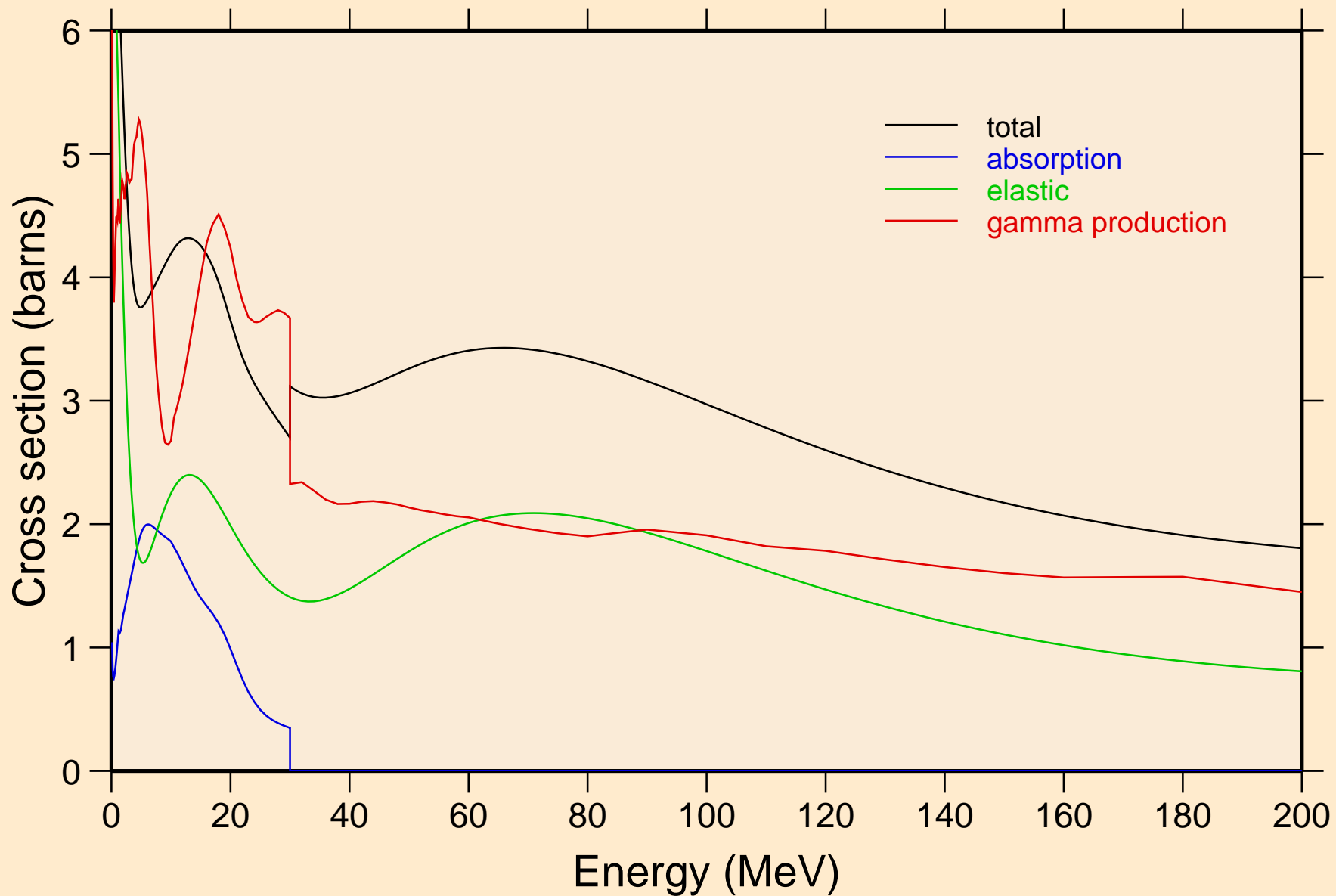
# SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Non-threshold reactions

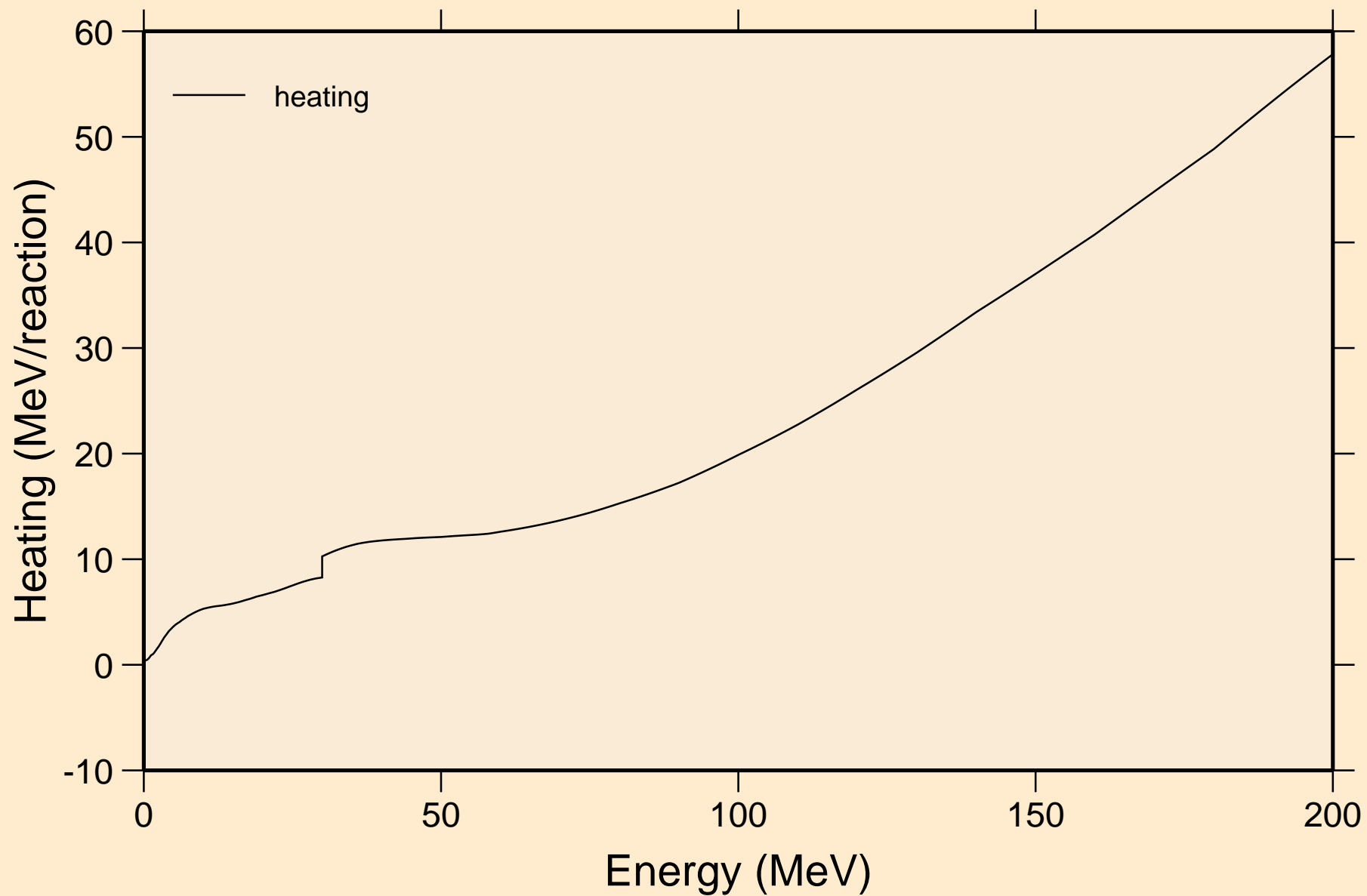


# SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

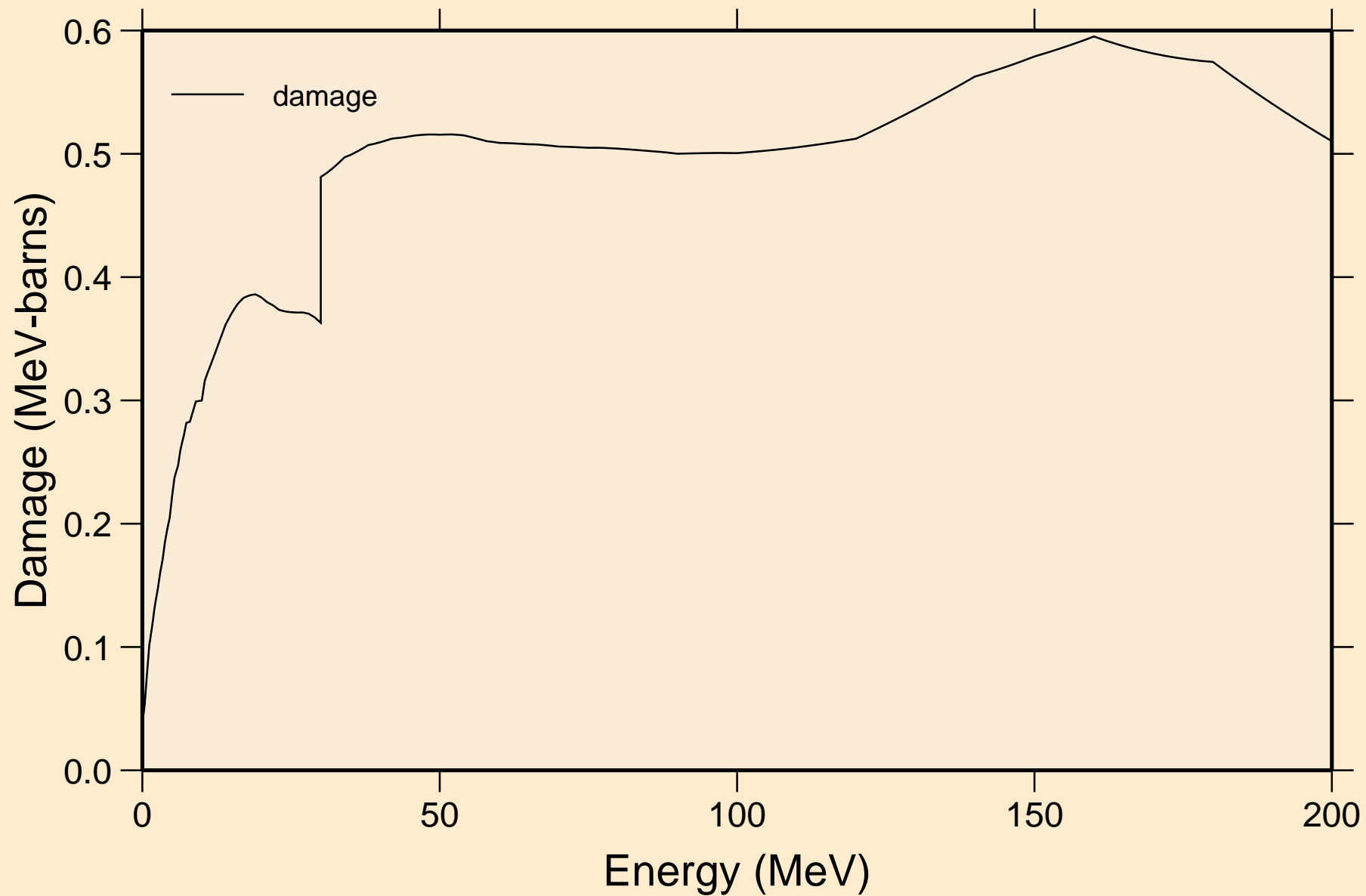
## Principal cross sections



SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

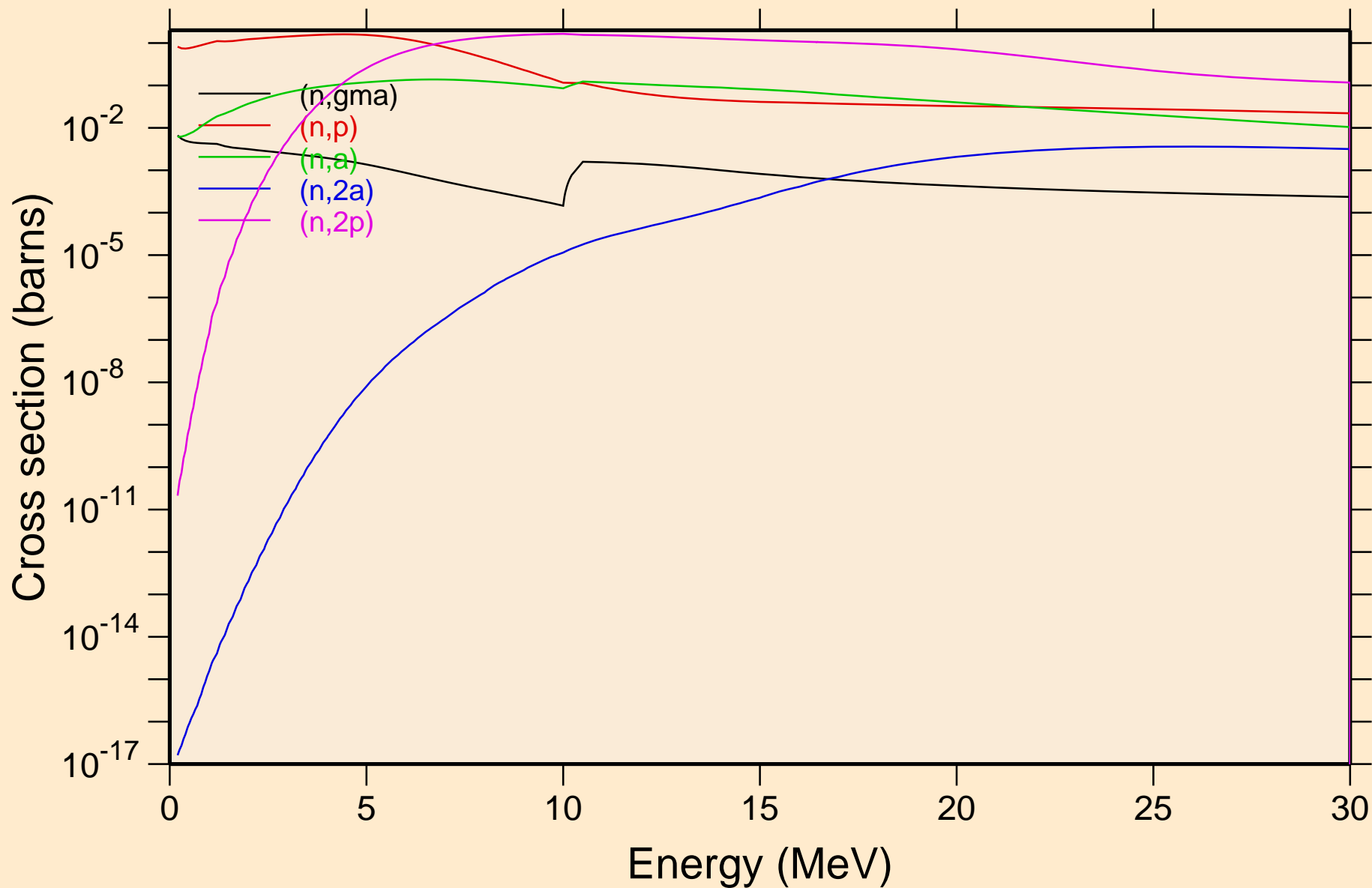


# SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage

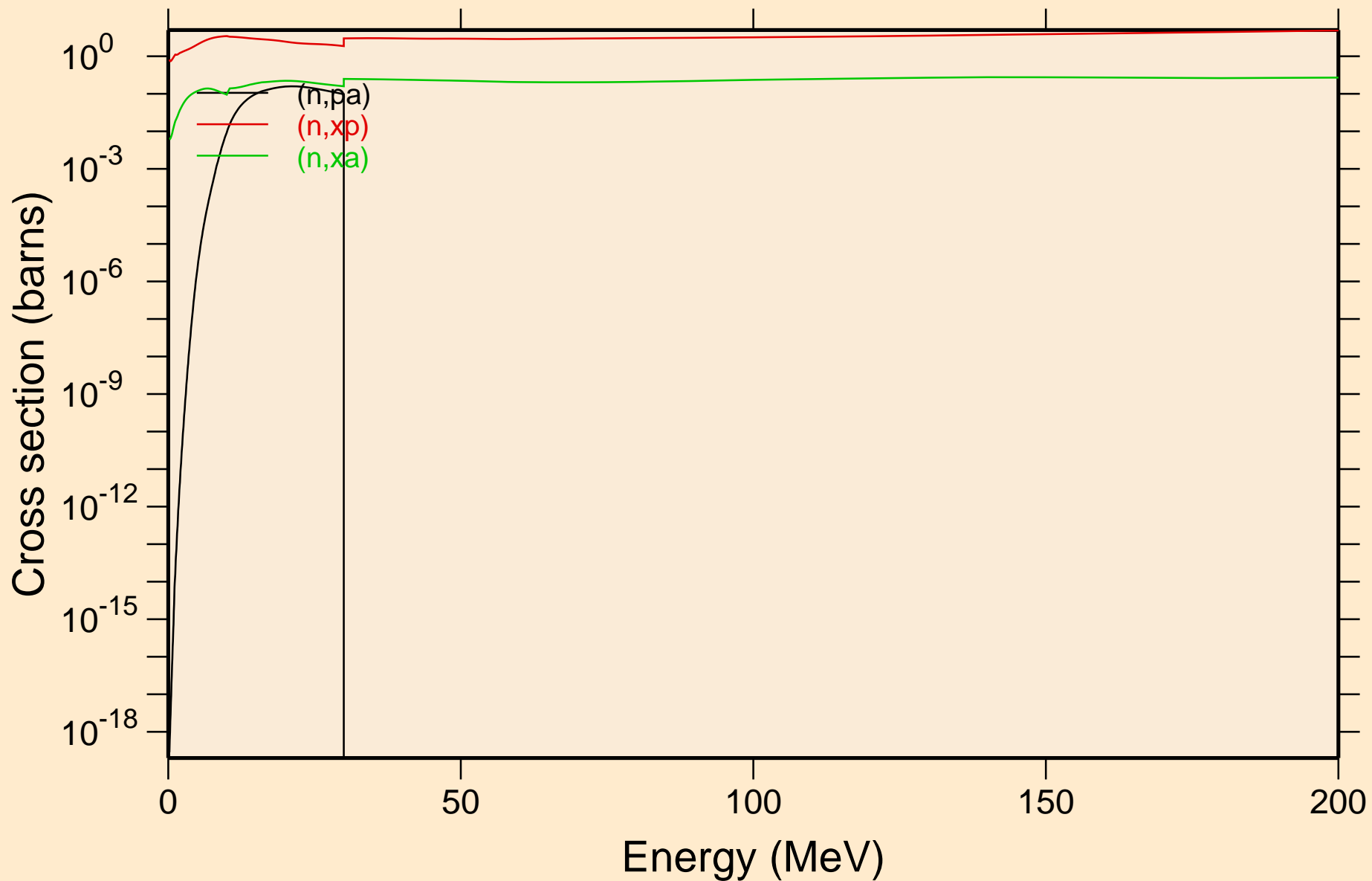




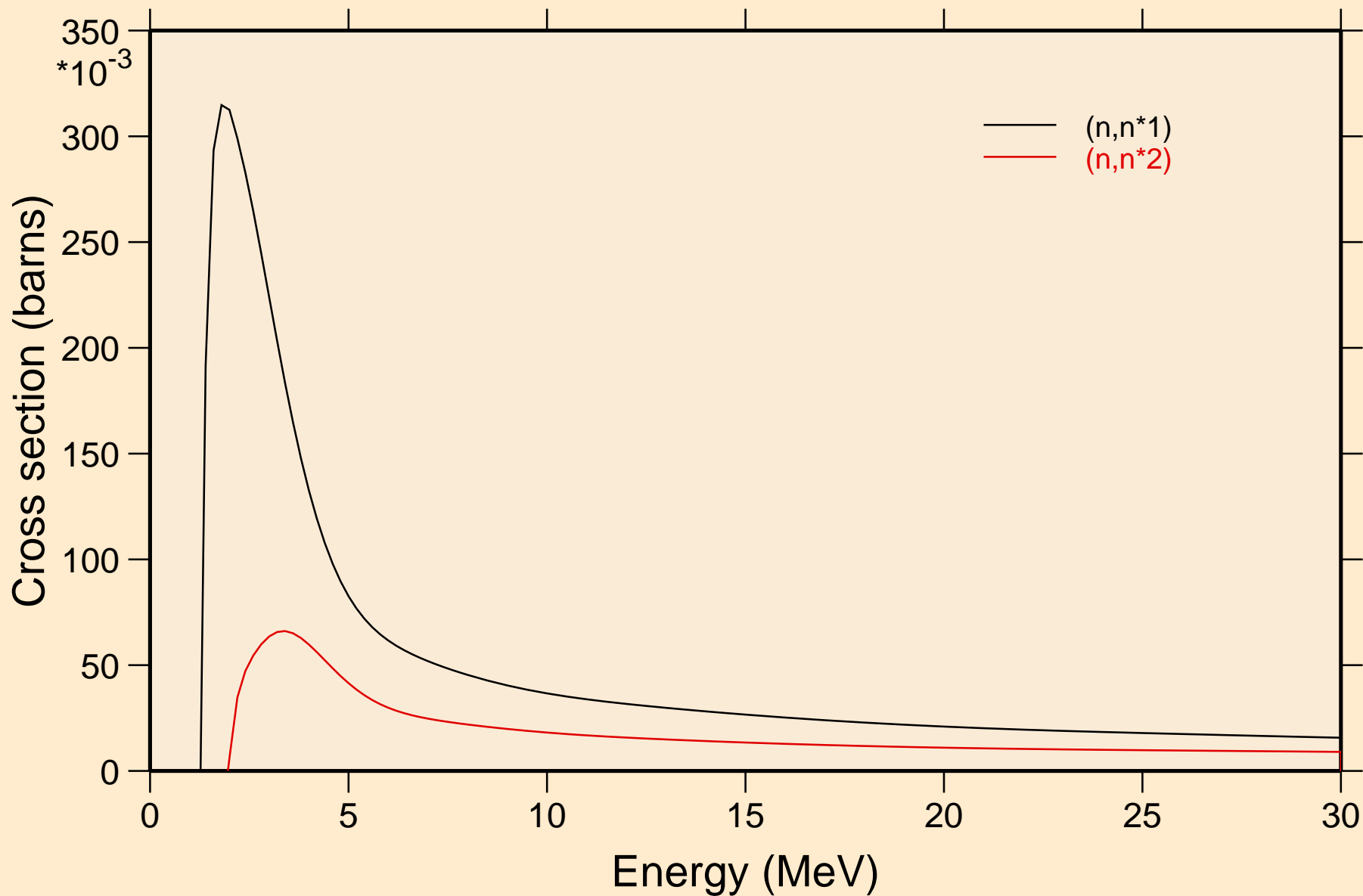
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

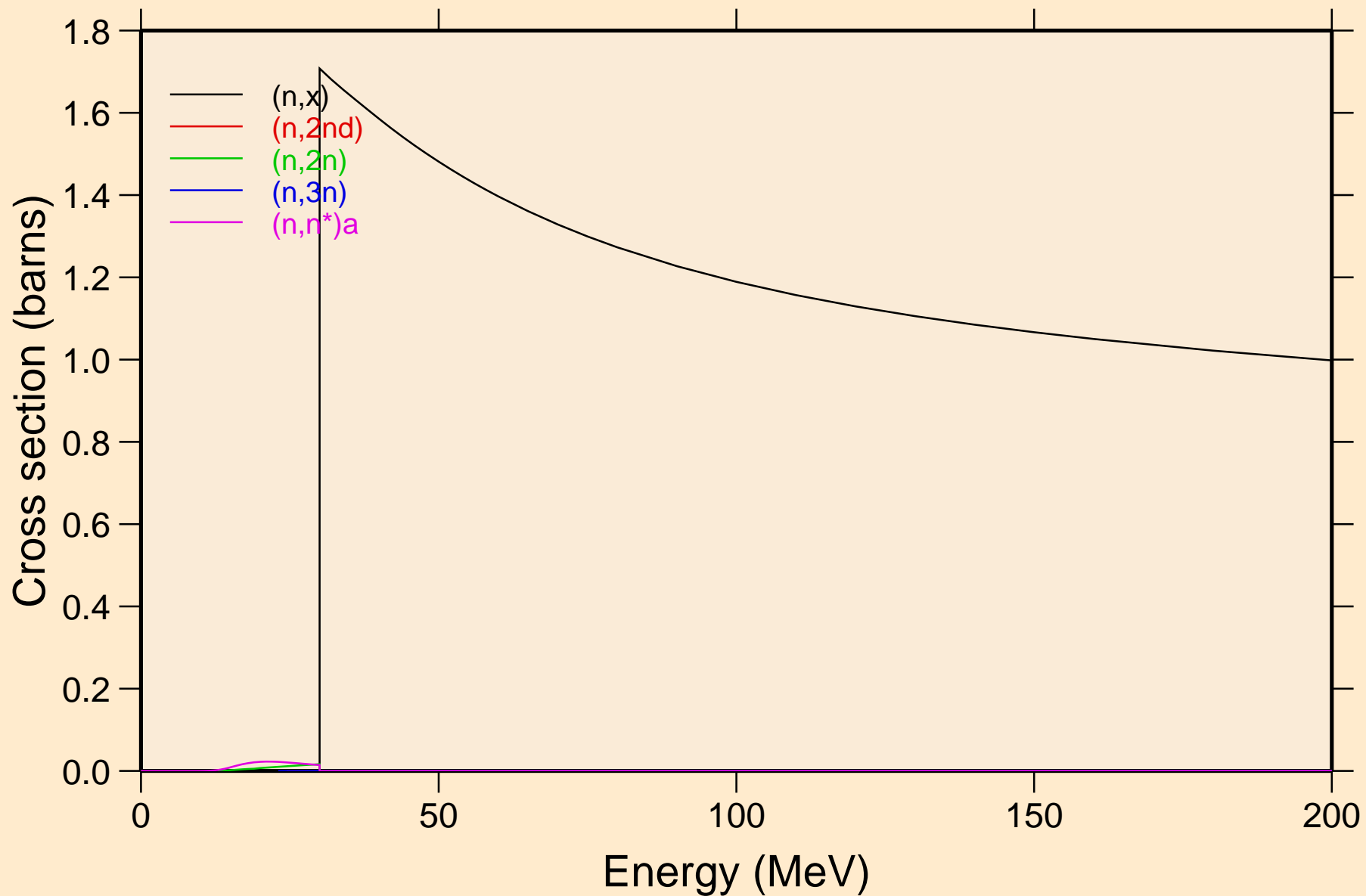


SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

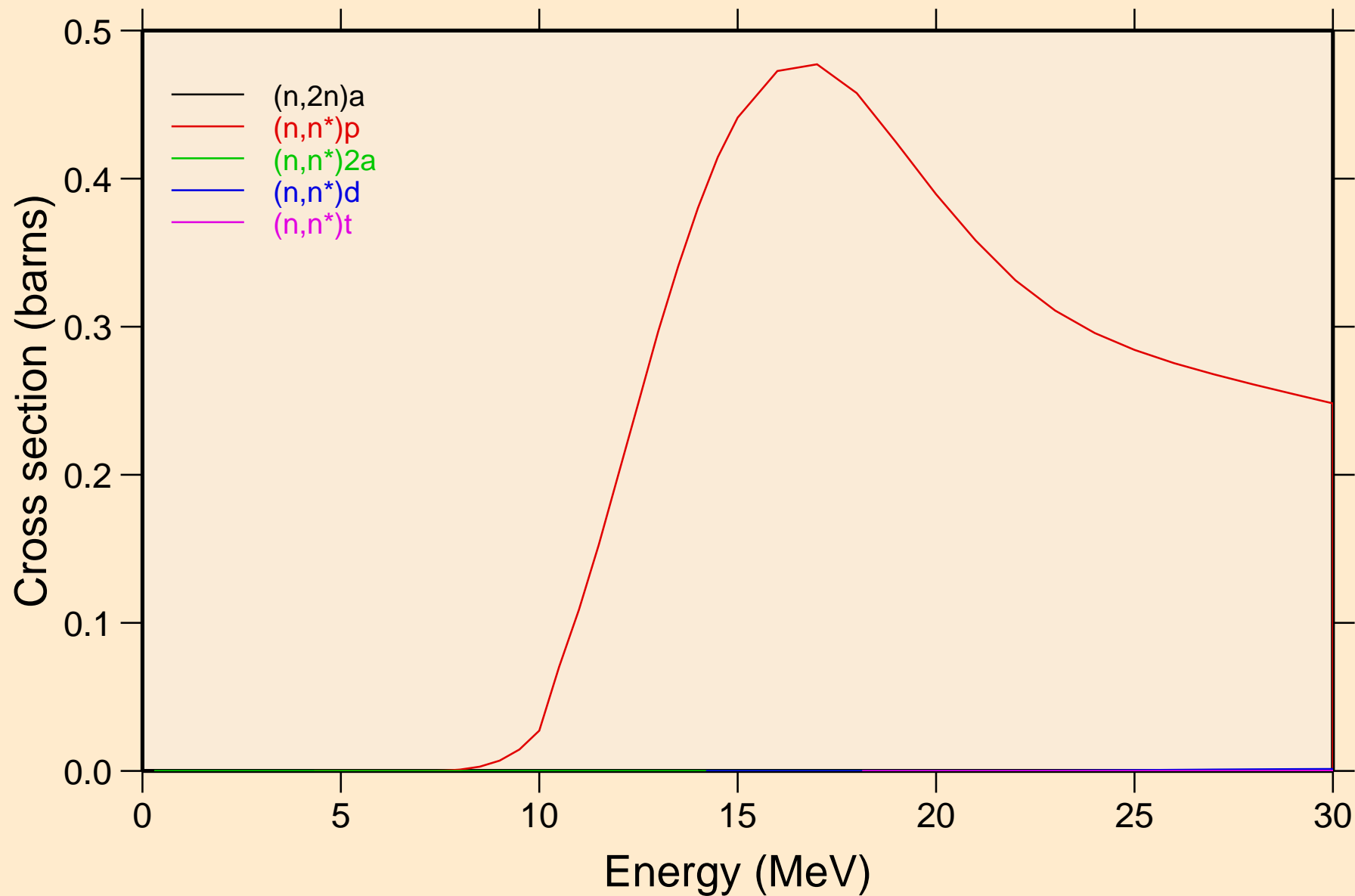


# SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

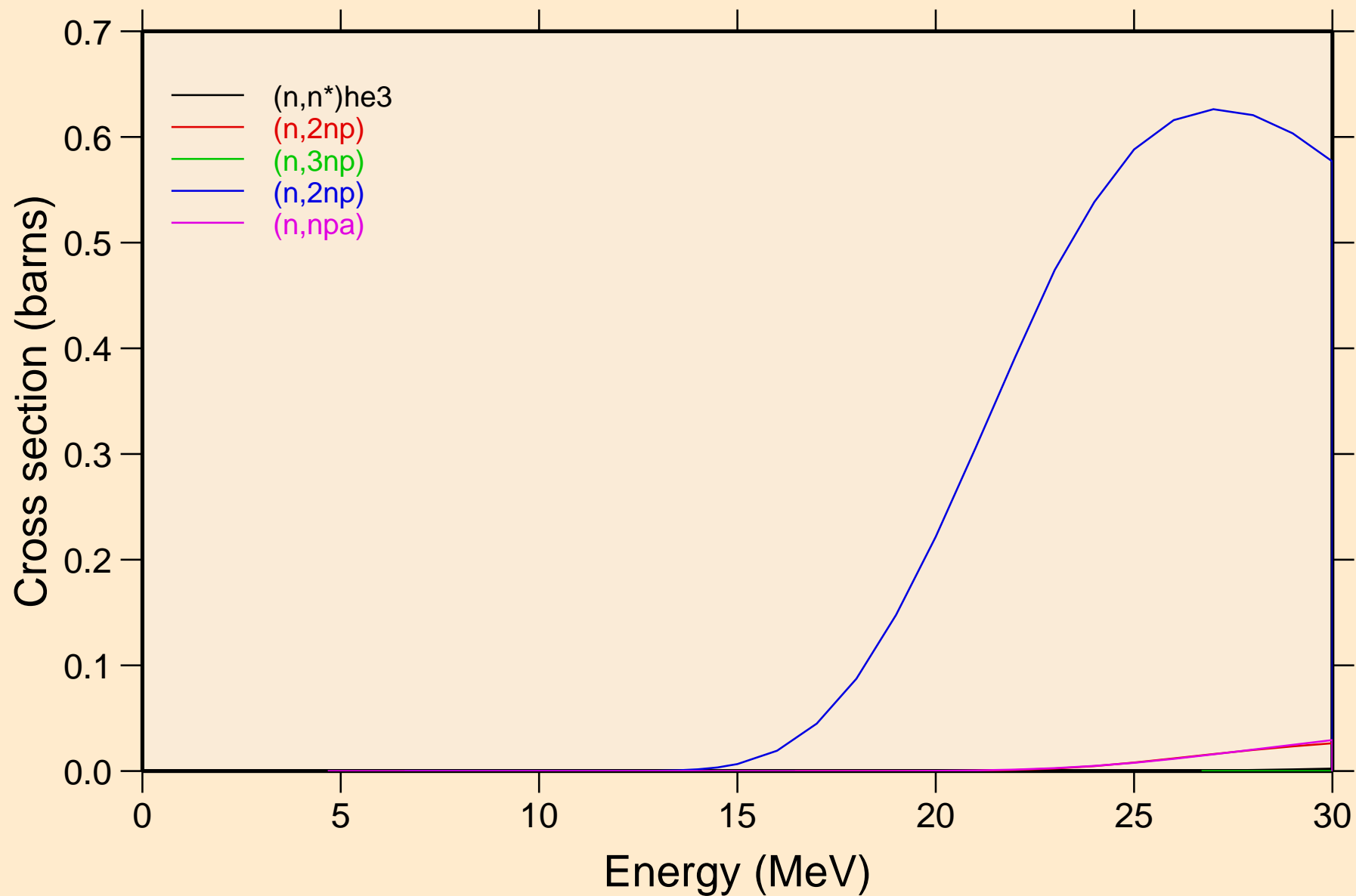
## Threshold reactions



SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

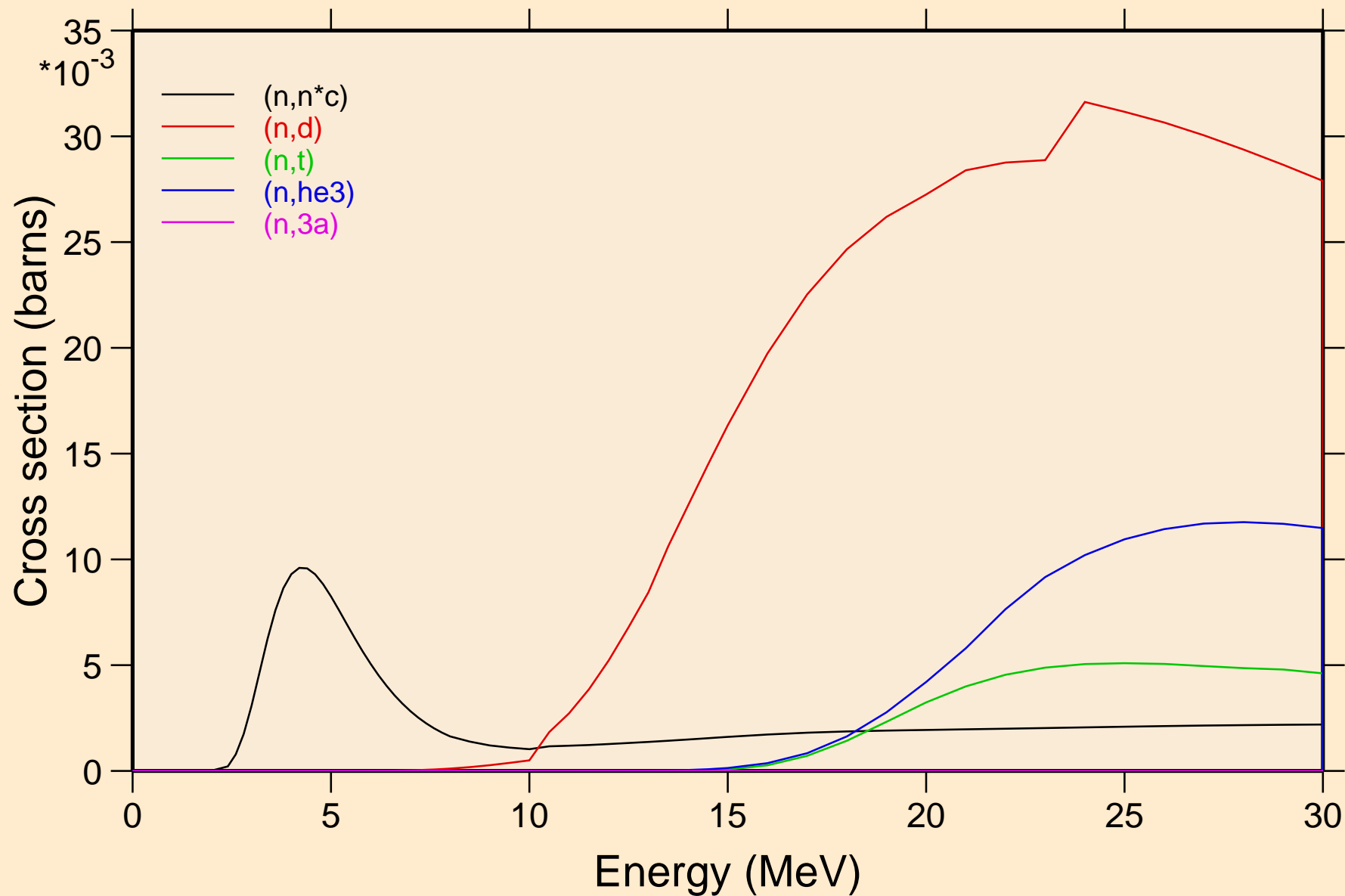


SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

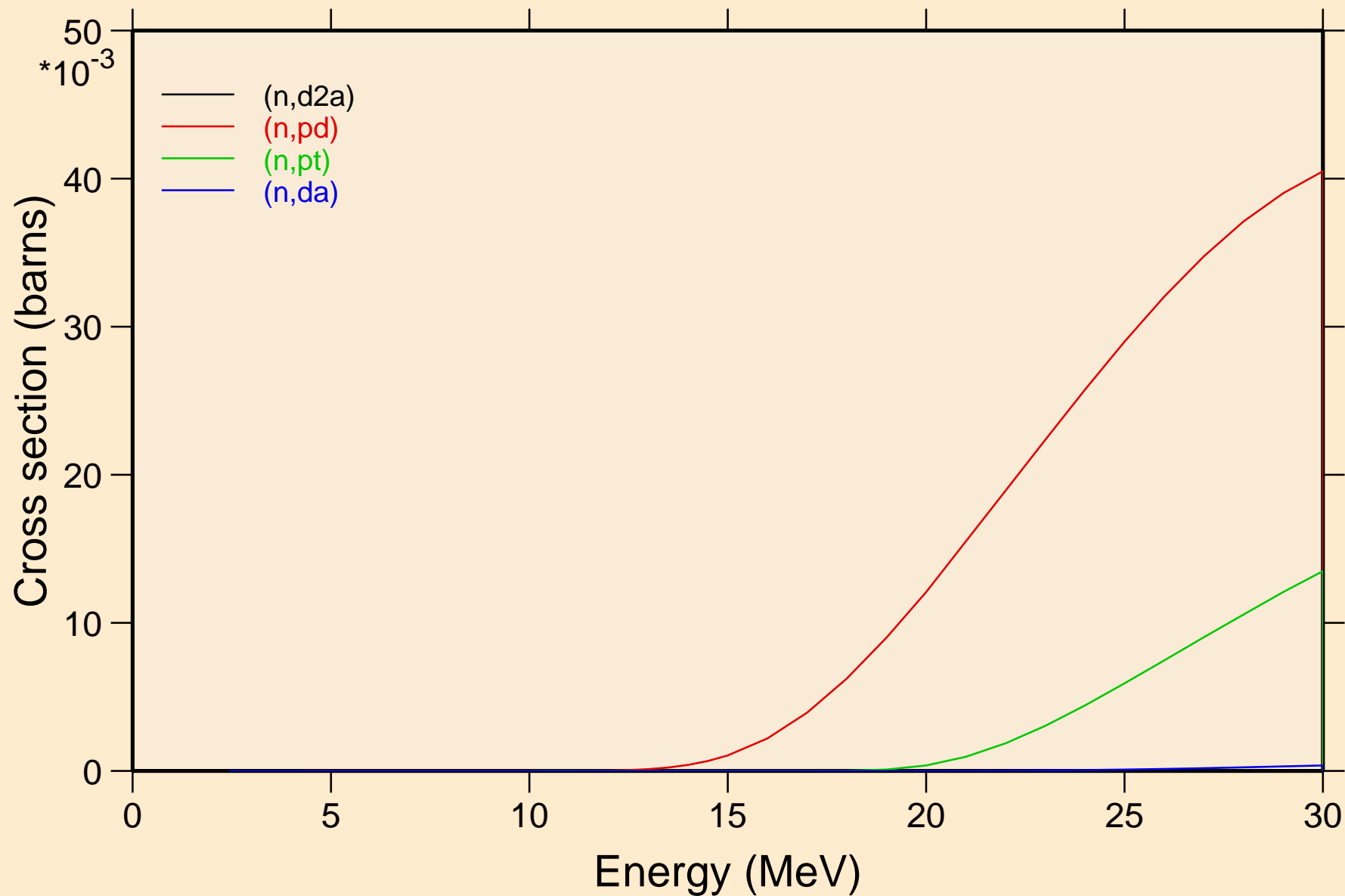


# SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Threshold reactions



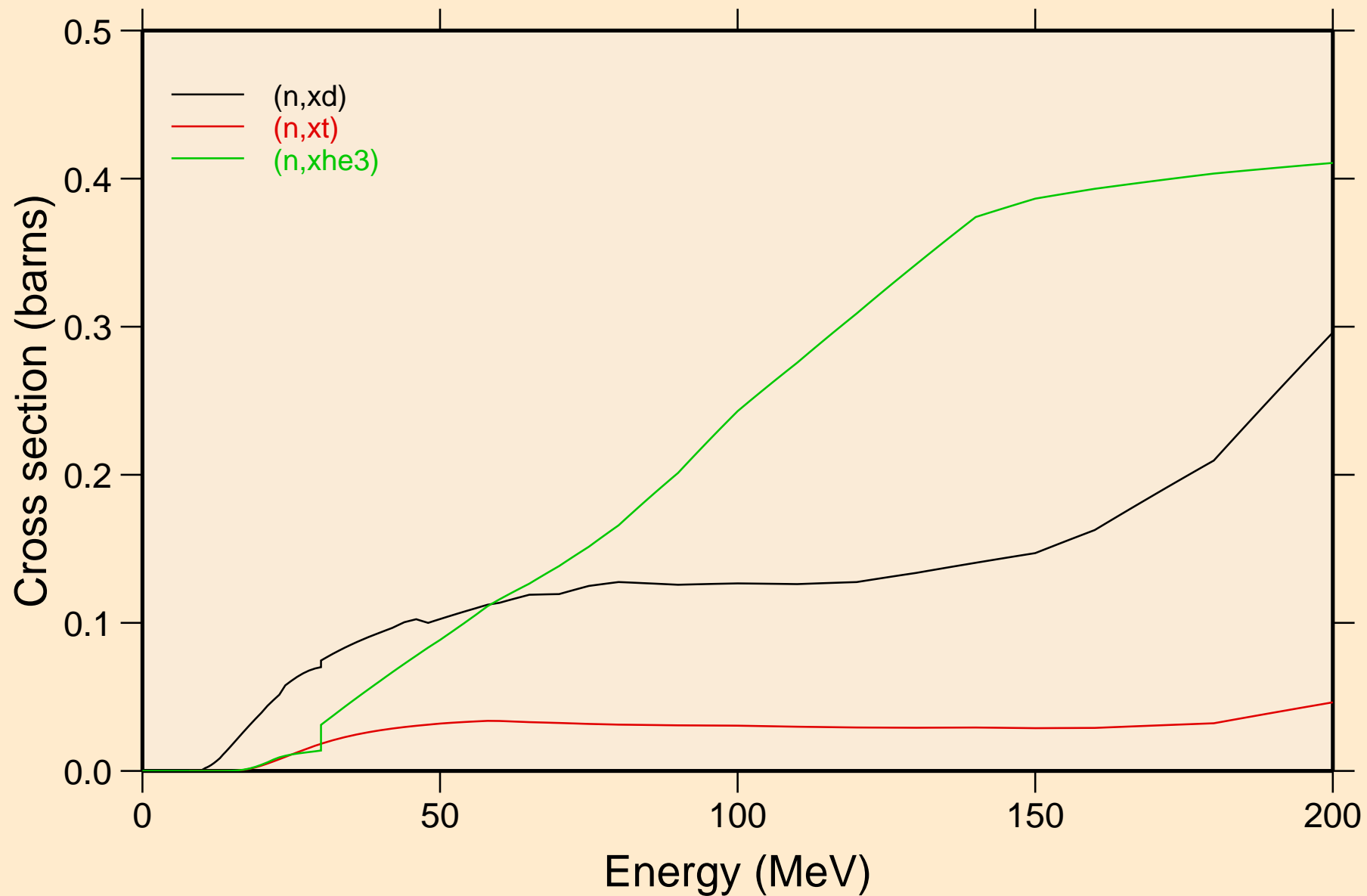
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



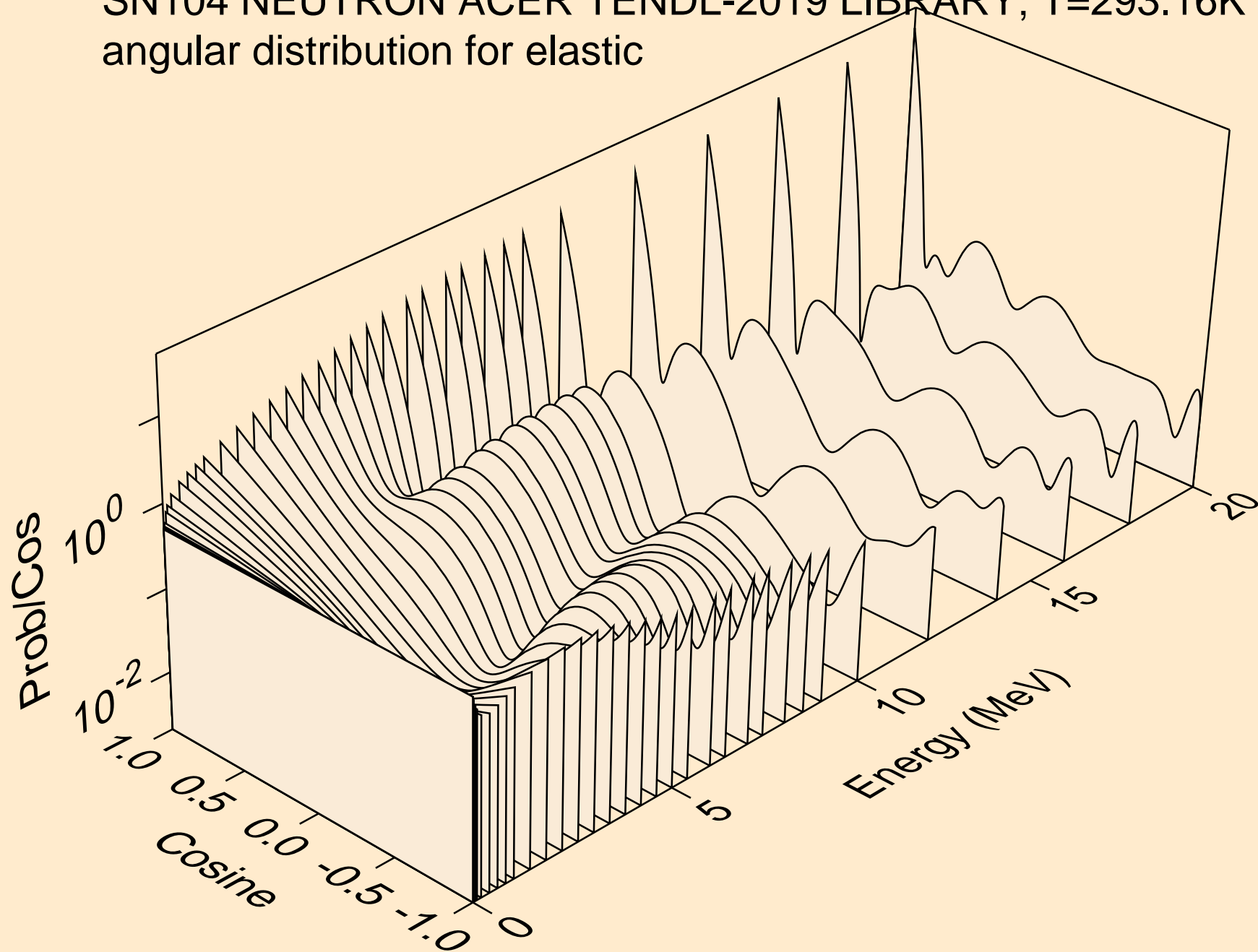


# SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

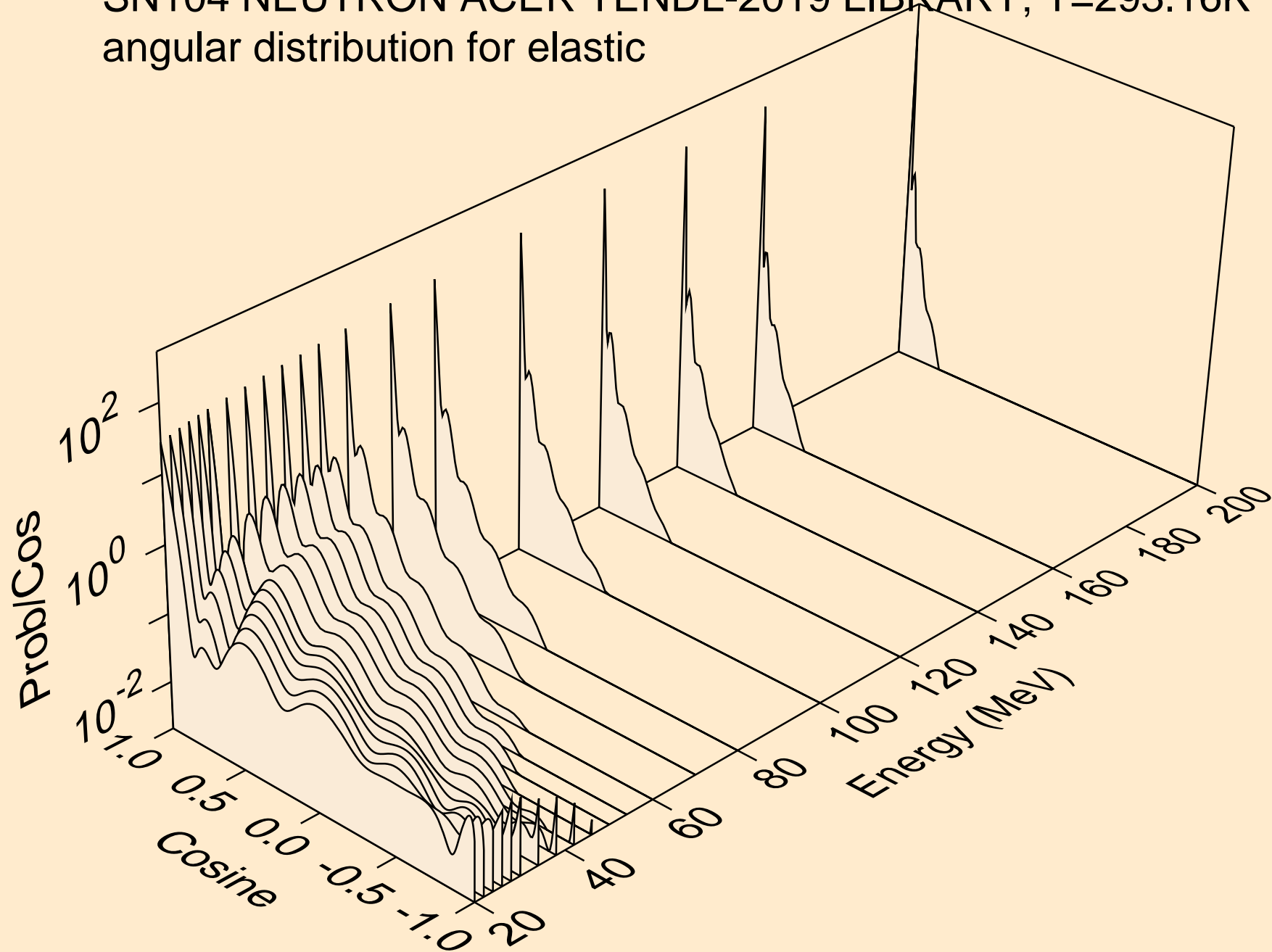
## Threshold reactions



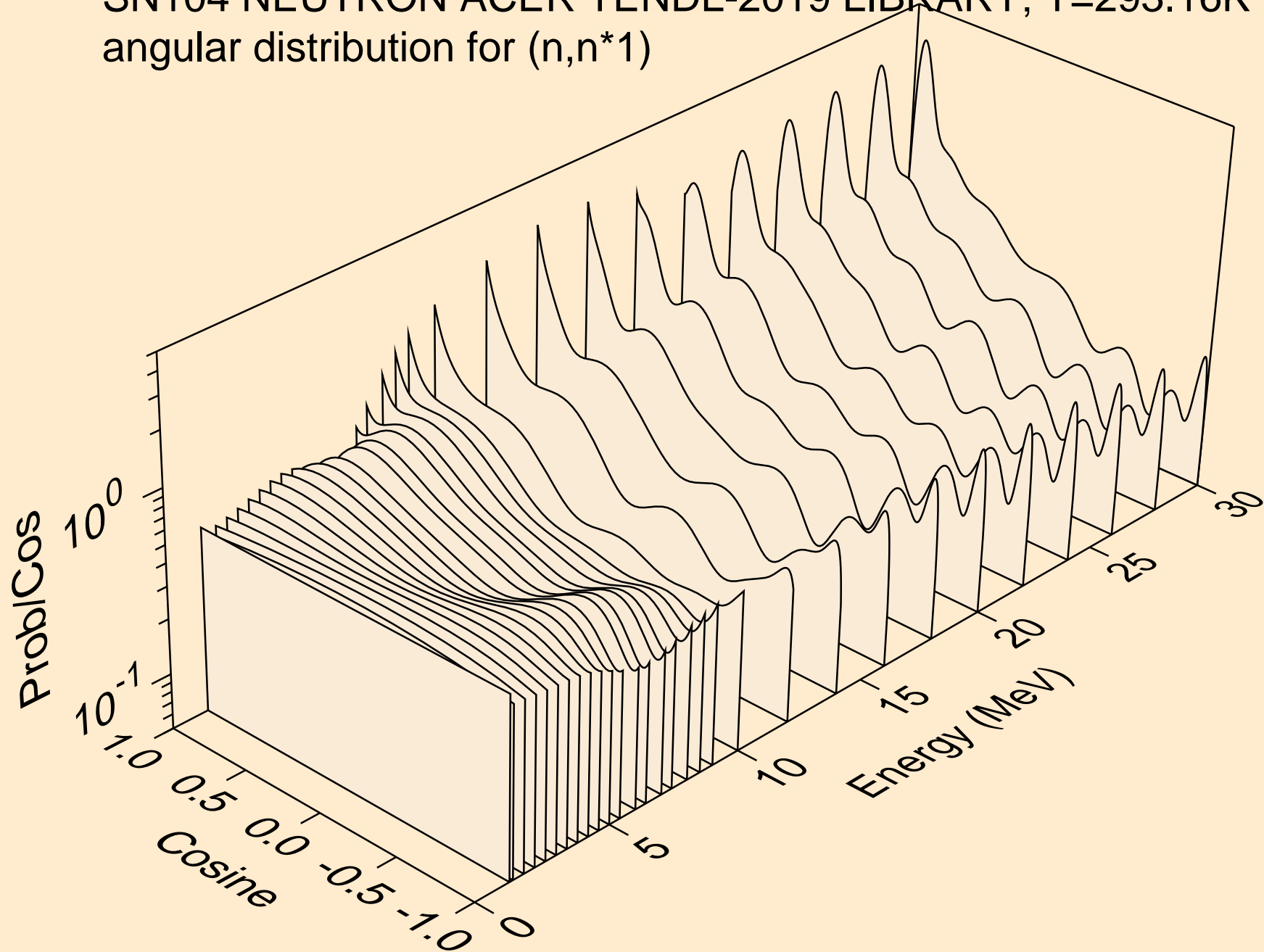
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



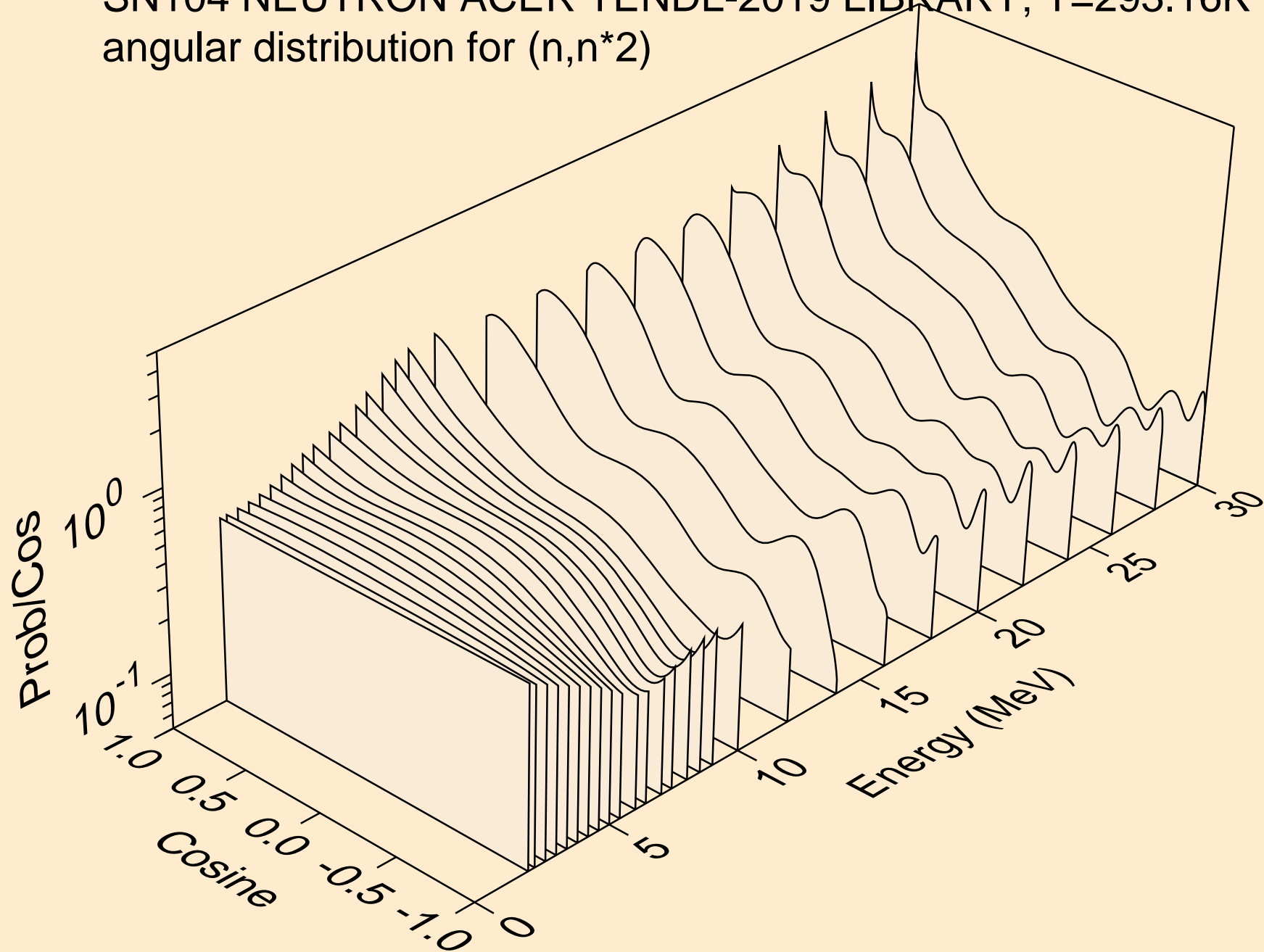
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



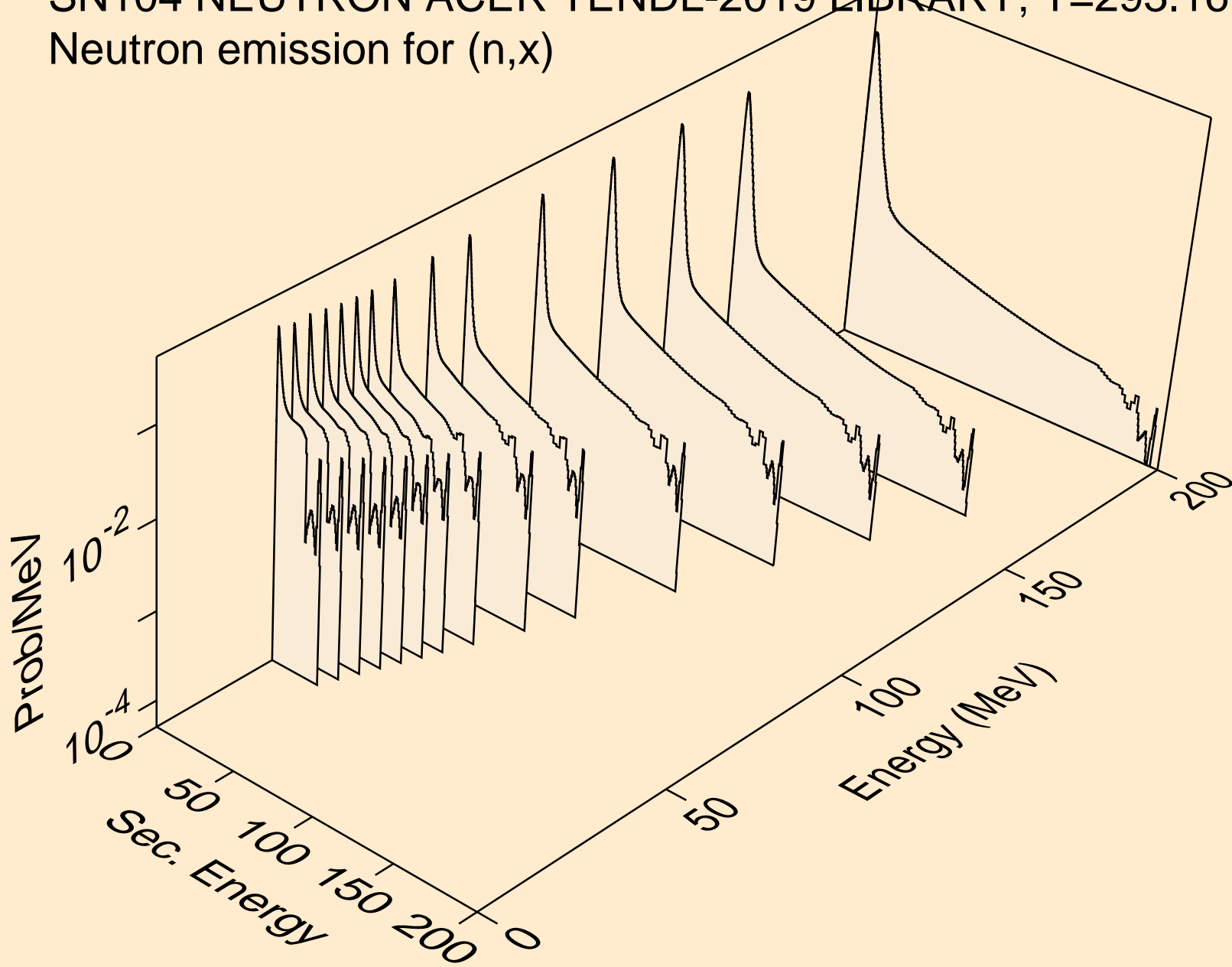
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



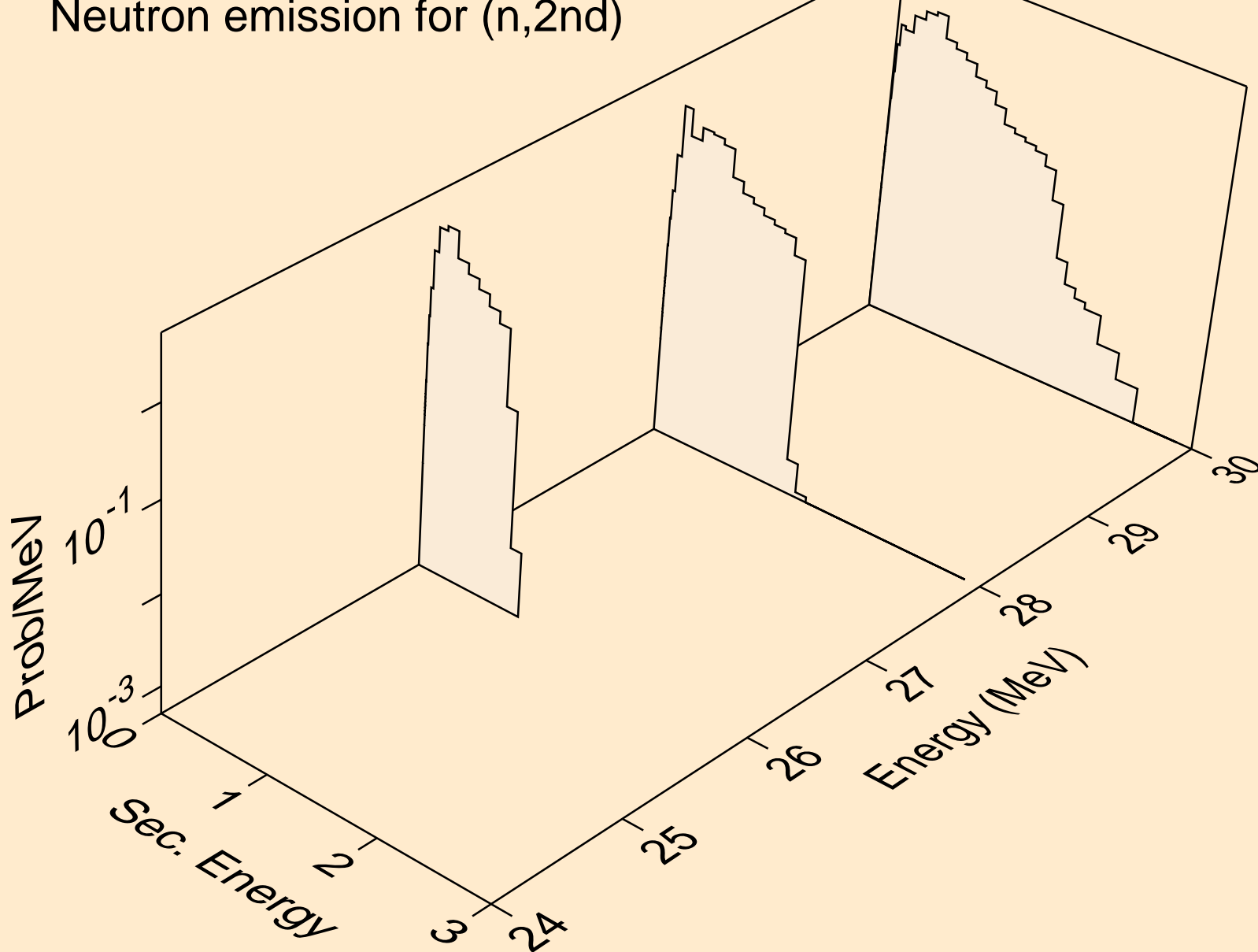
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)



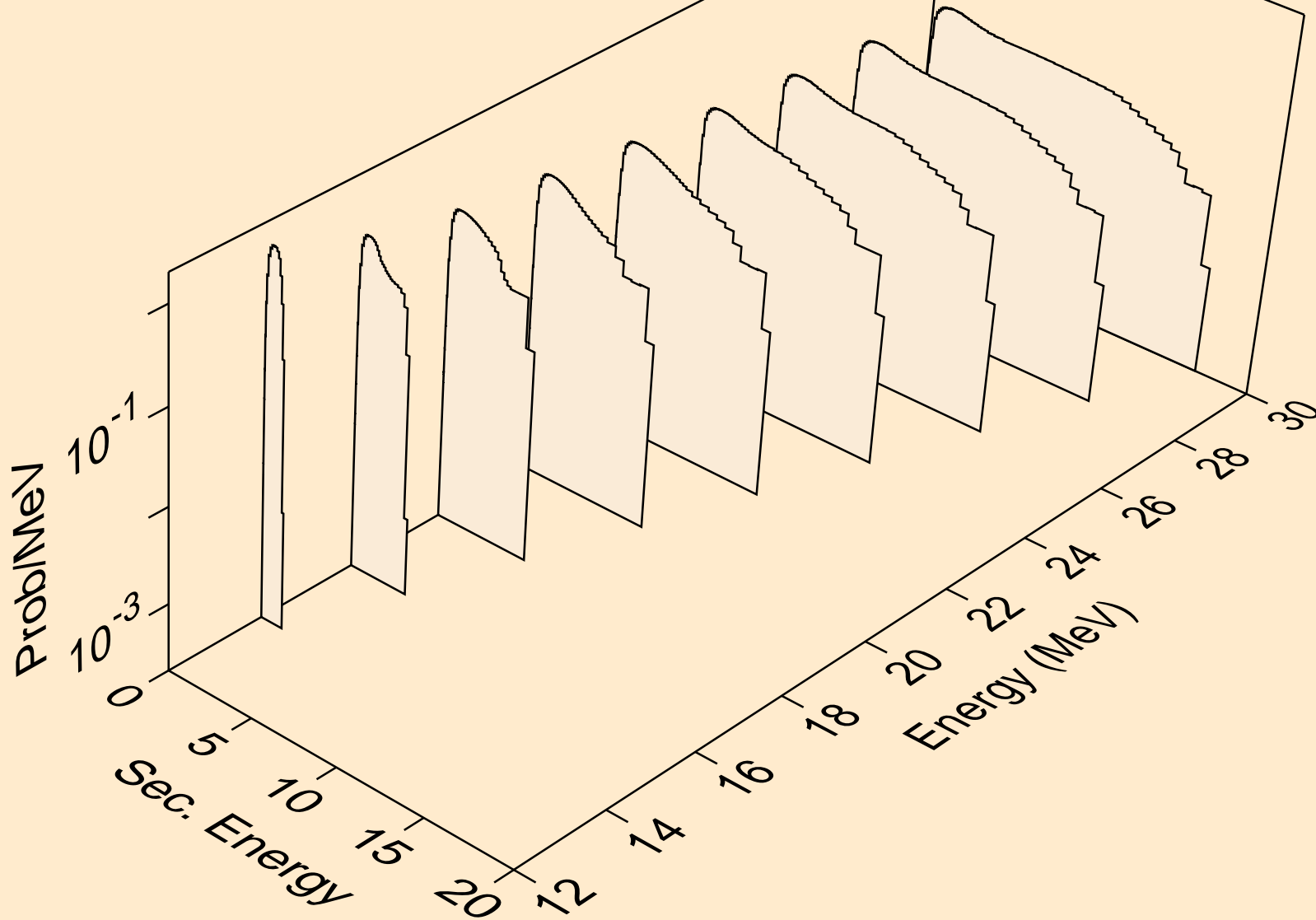
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)

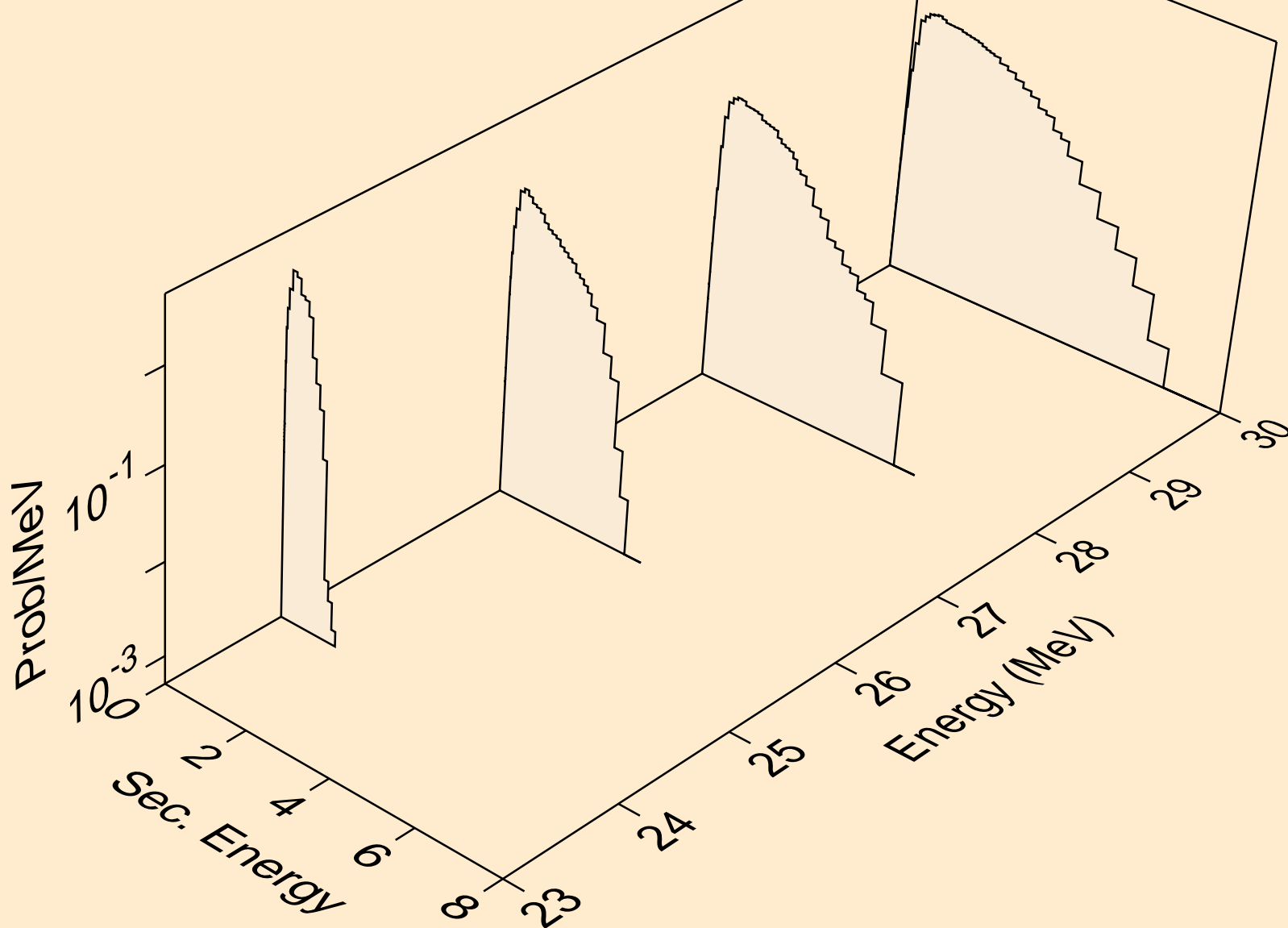


SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)

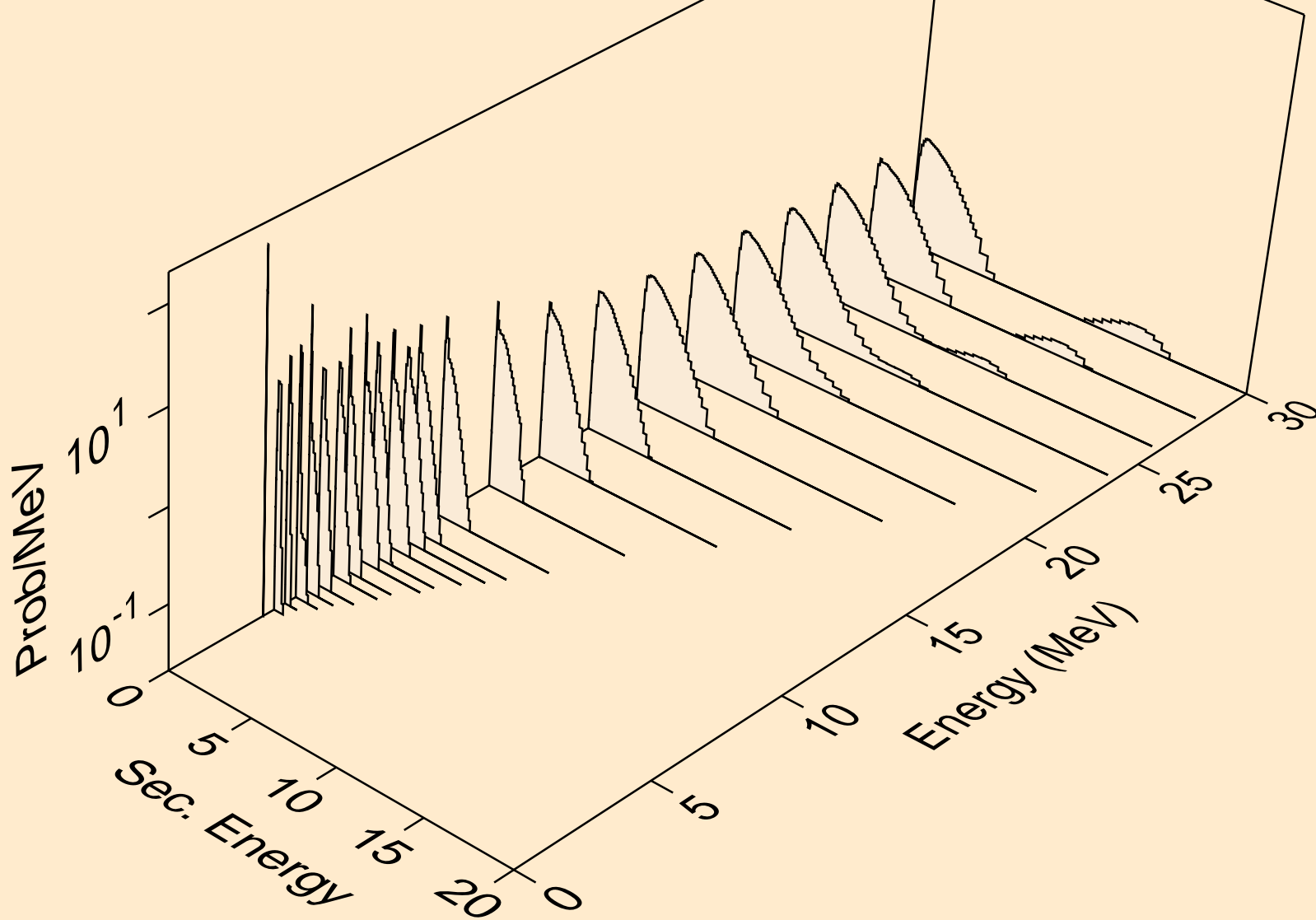




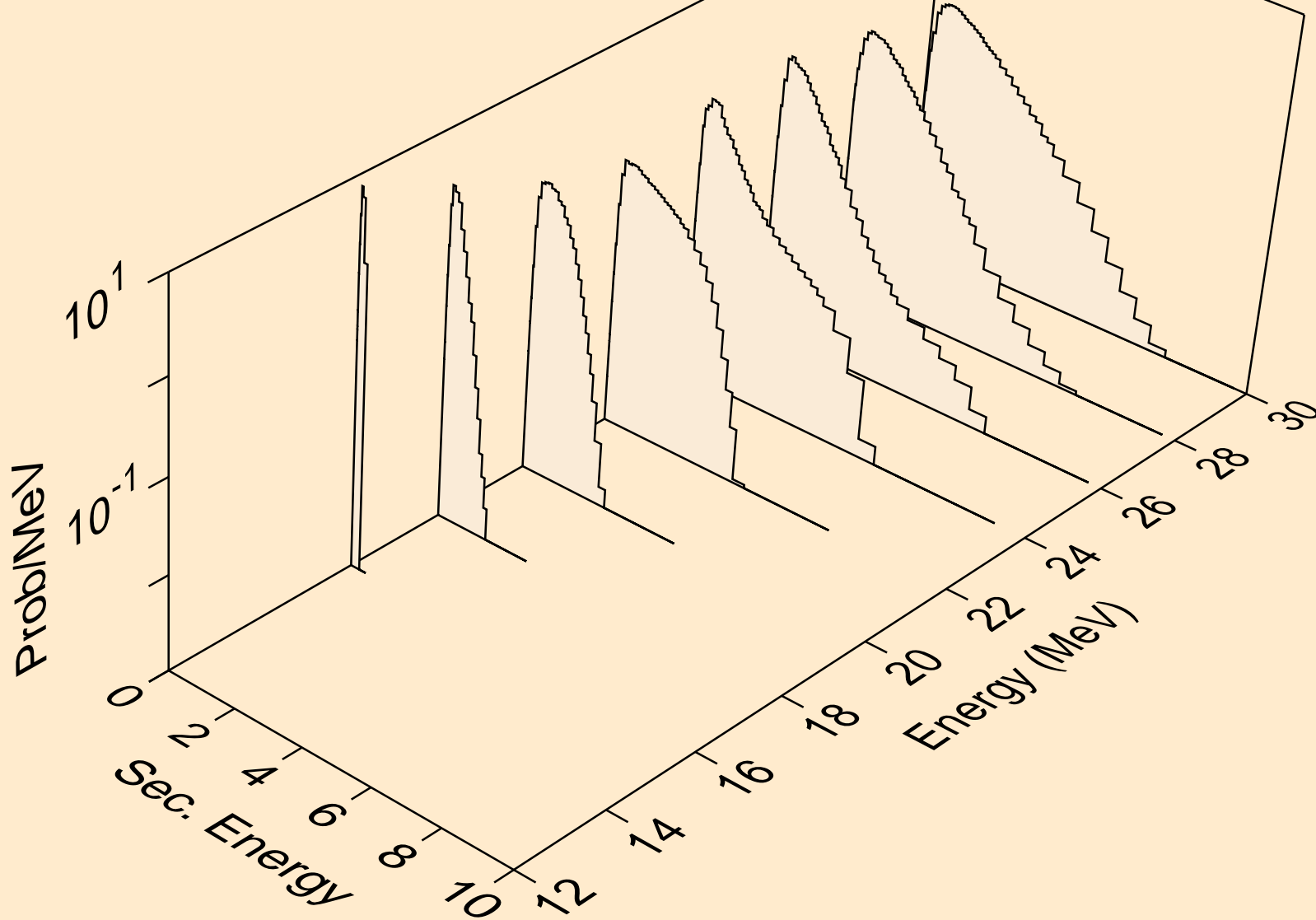
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



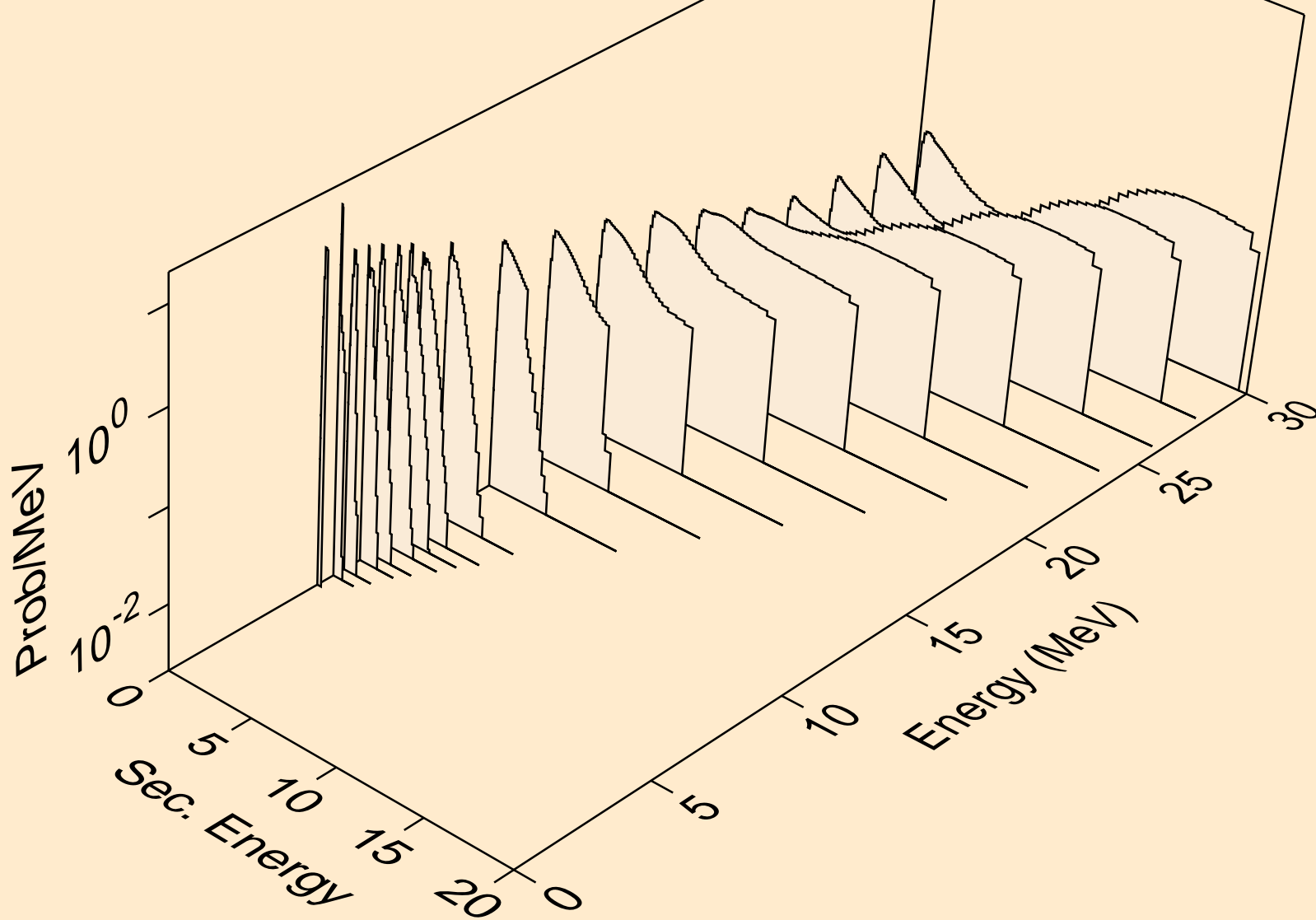
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



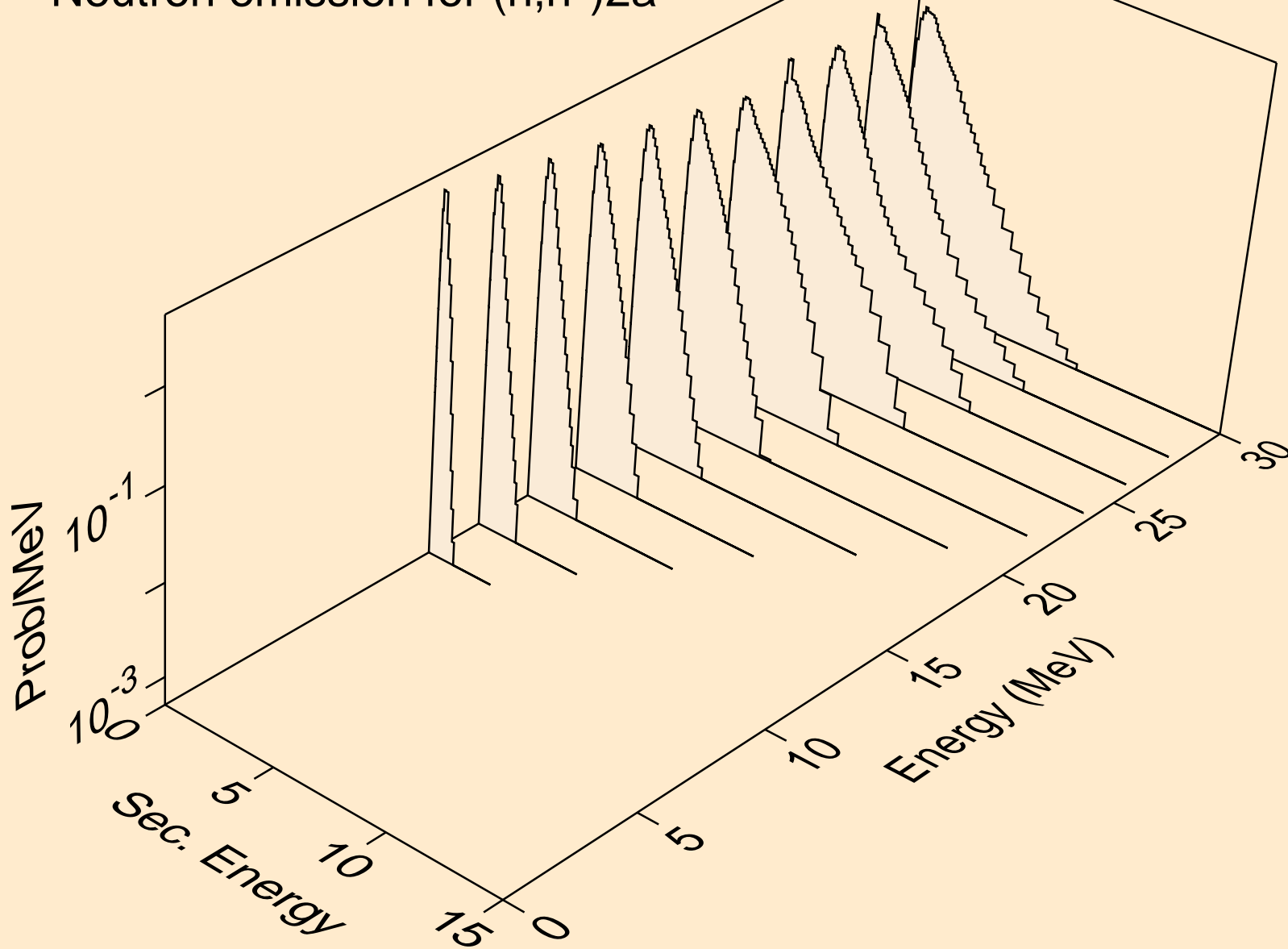
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



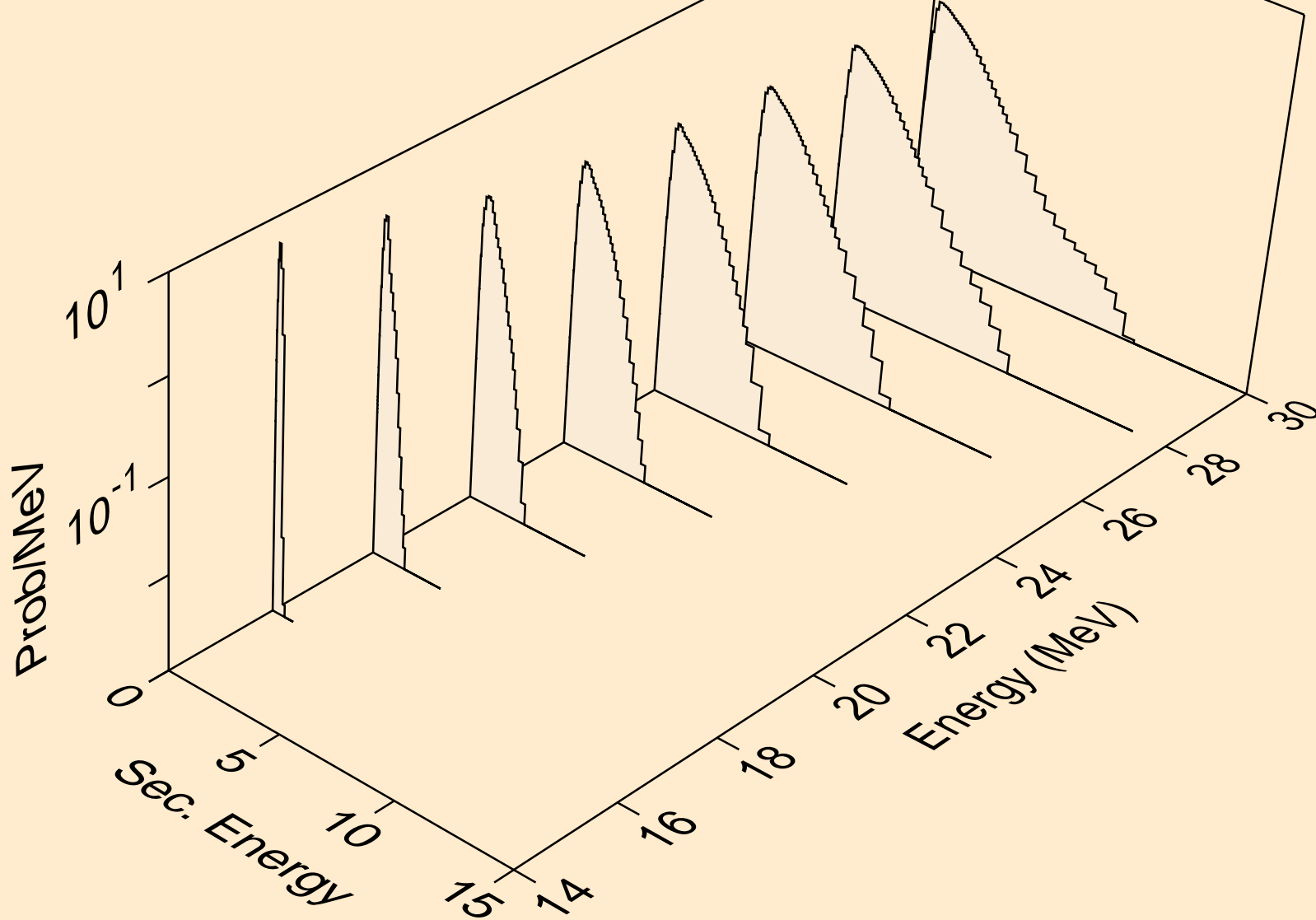
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



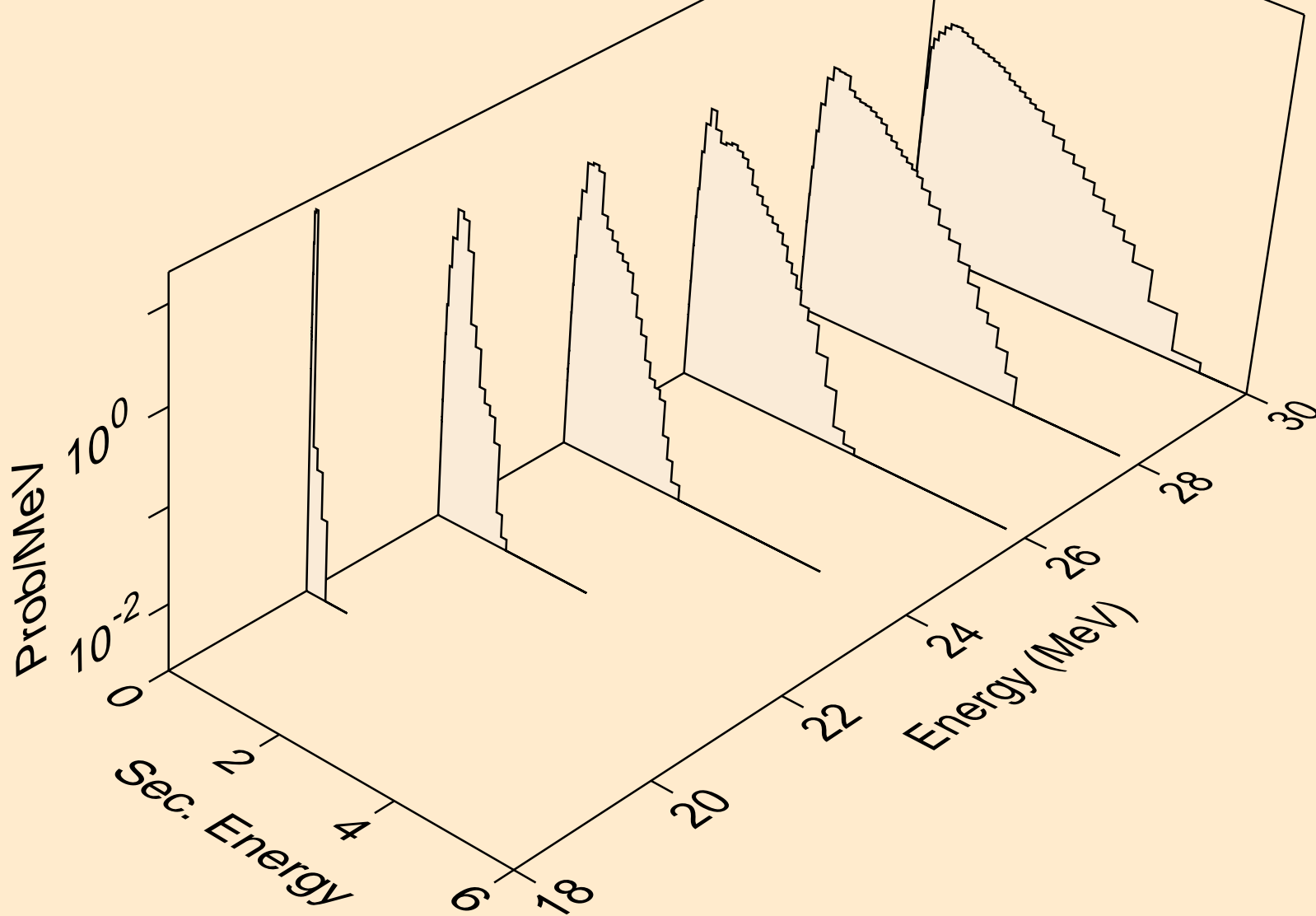
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)2a



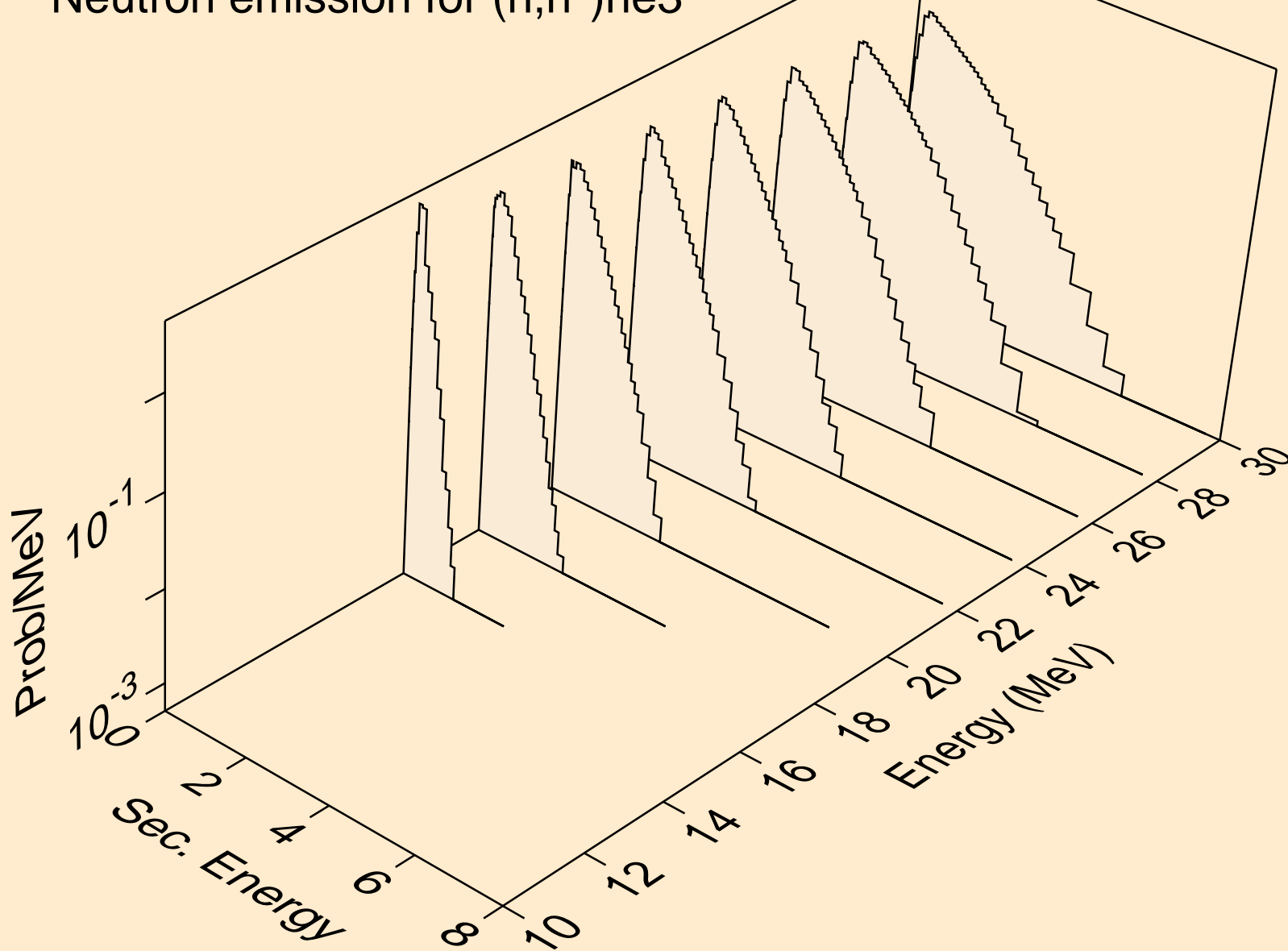
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t

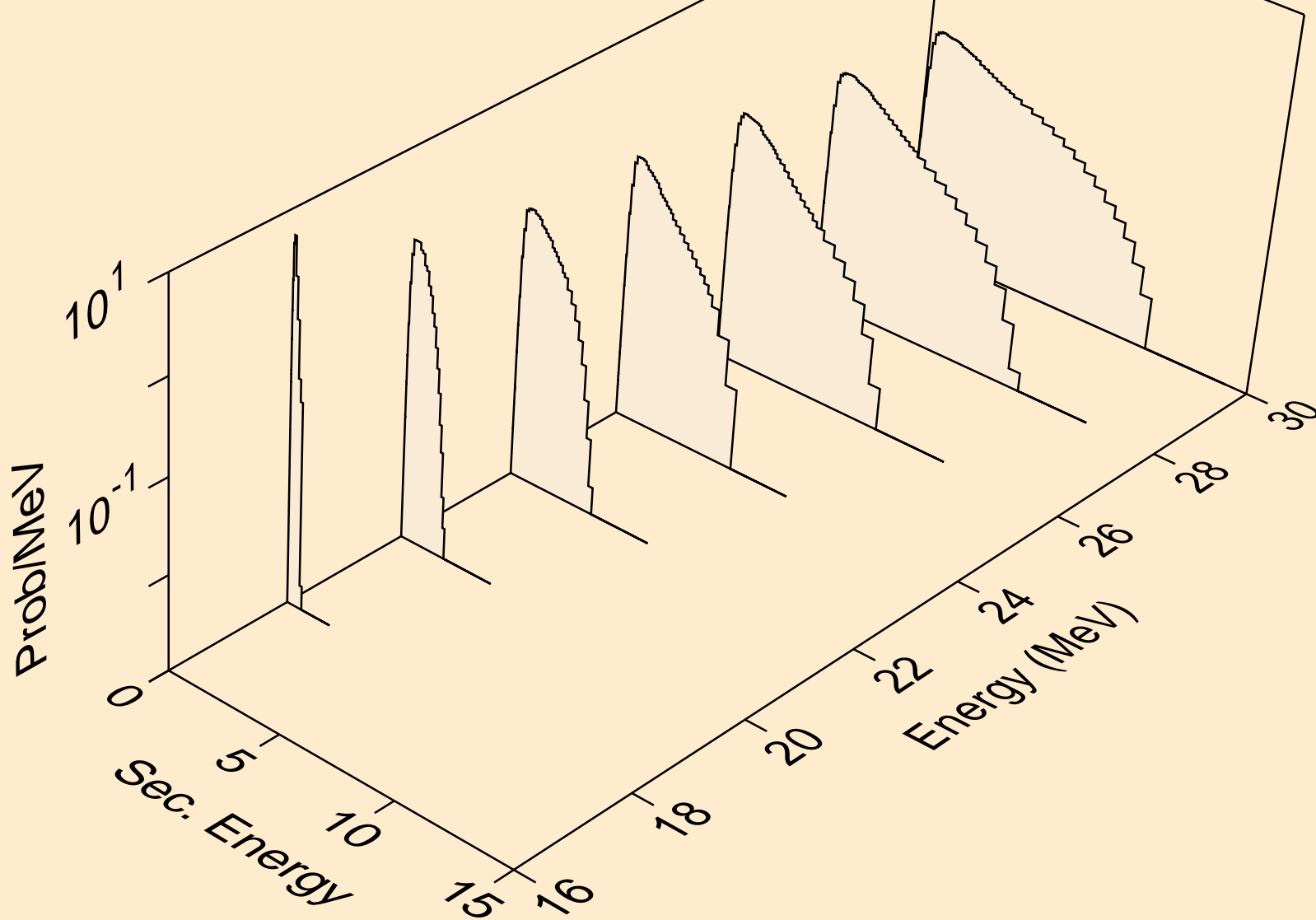


SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



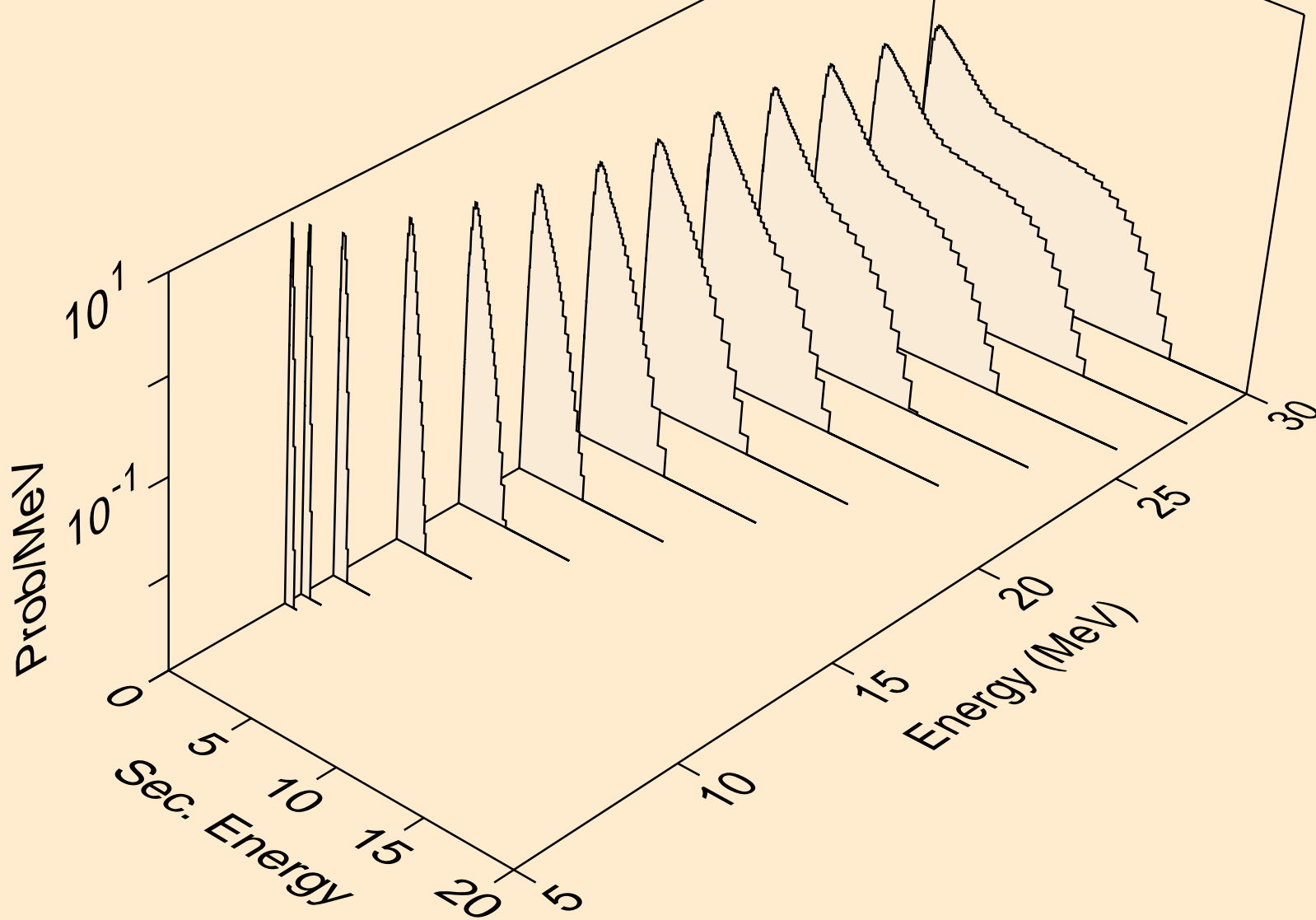


SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)

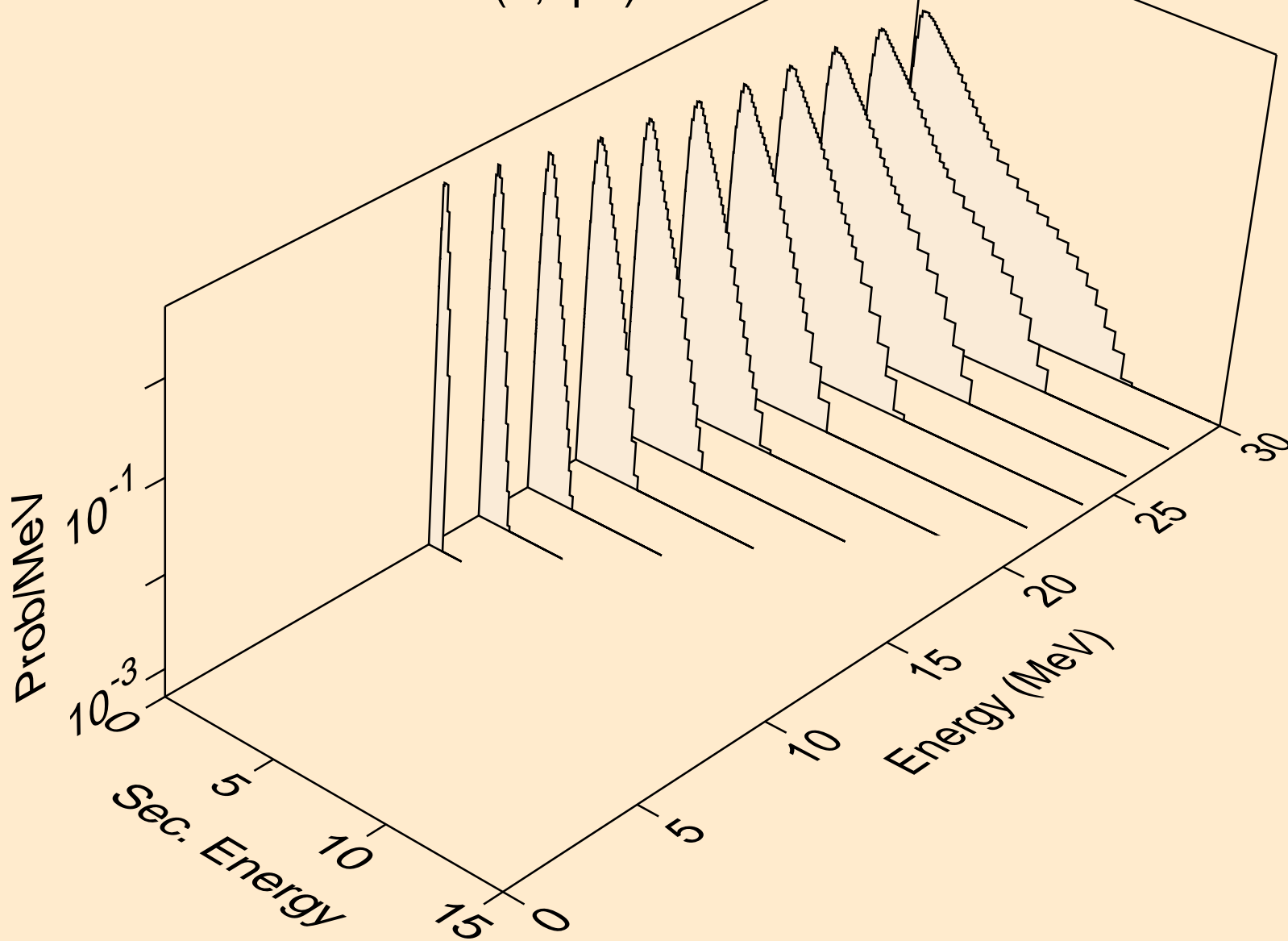




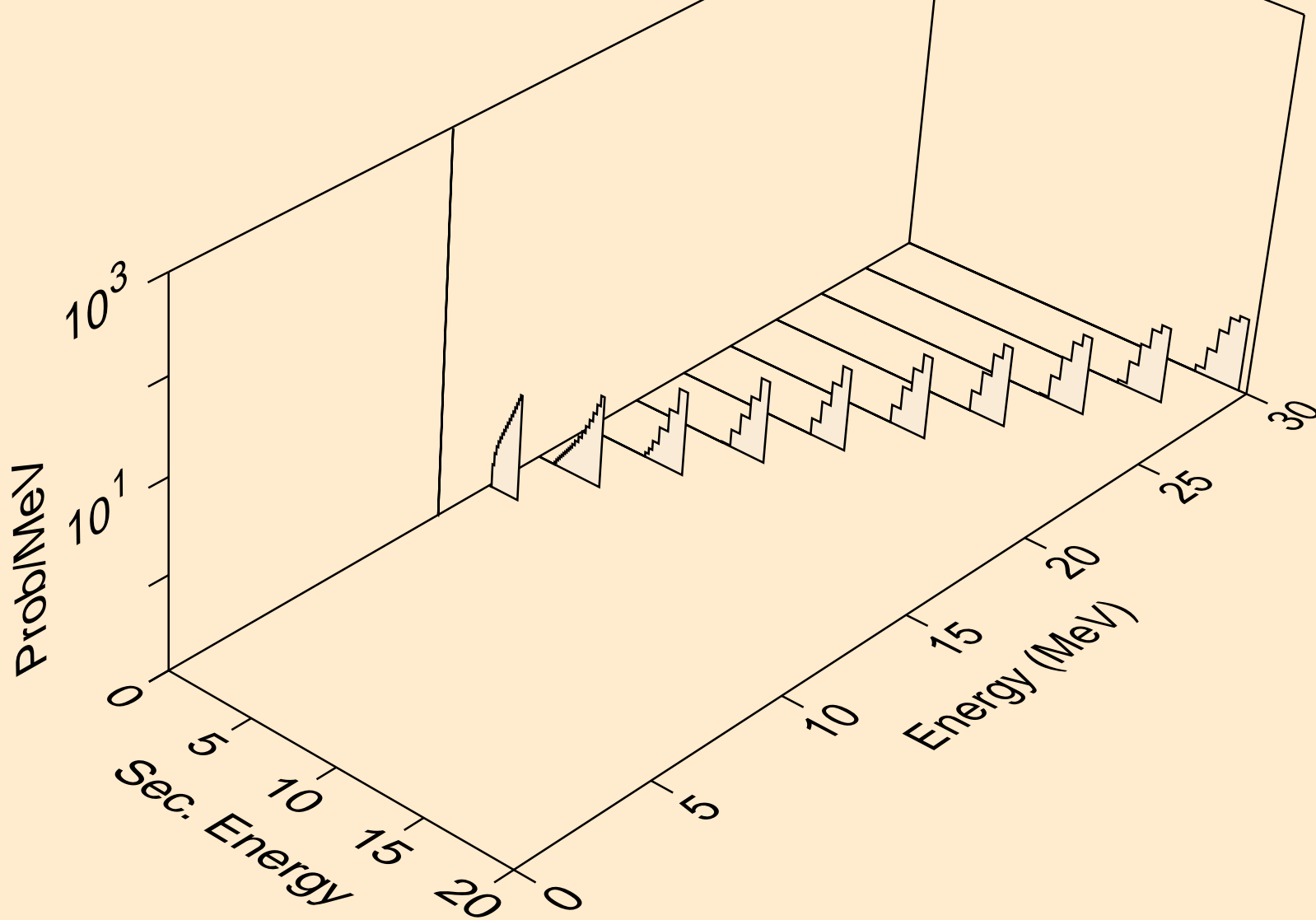
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



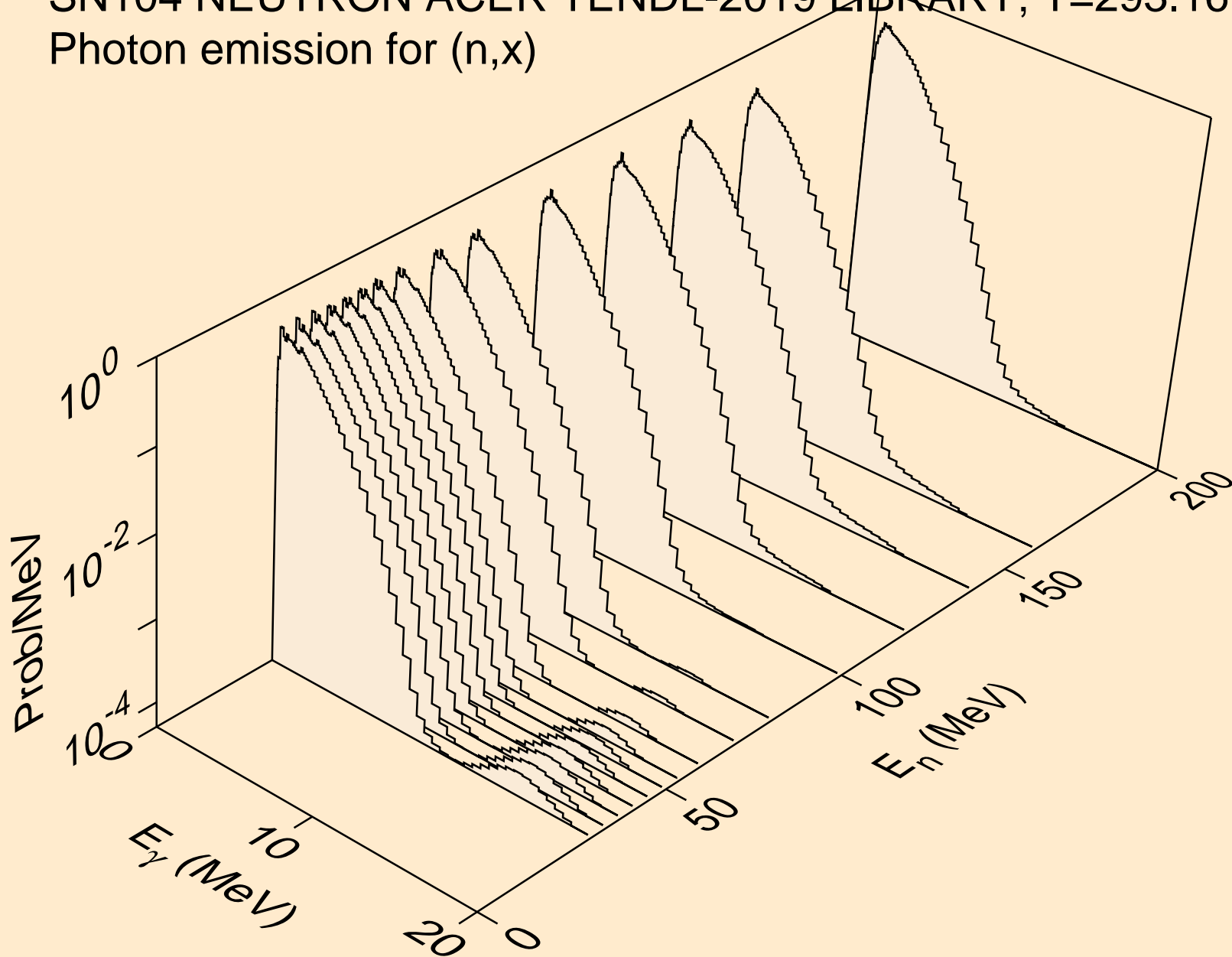
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,npa)



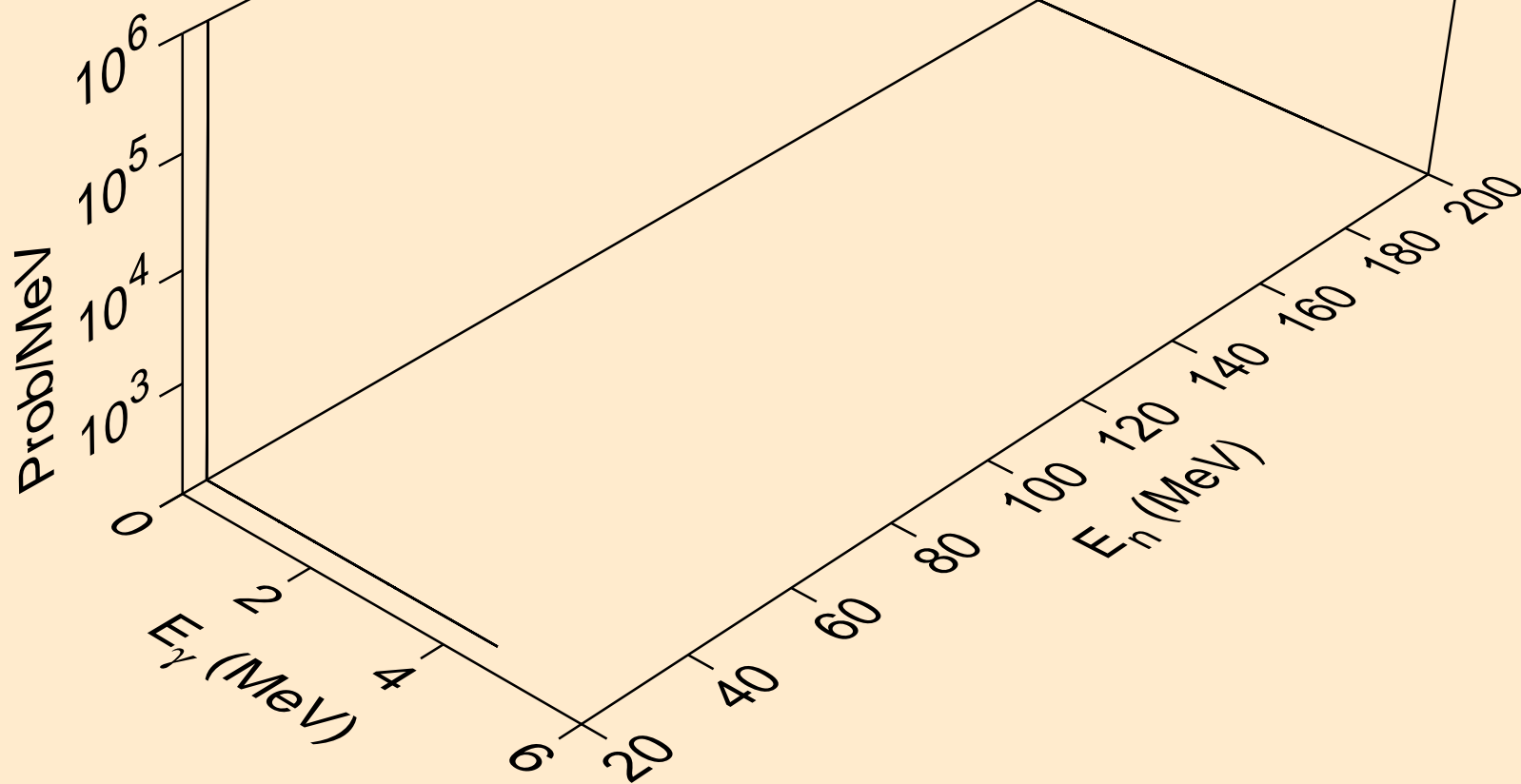
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



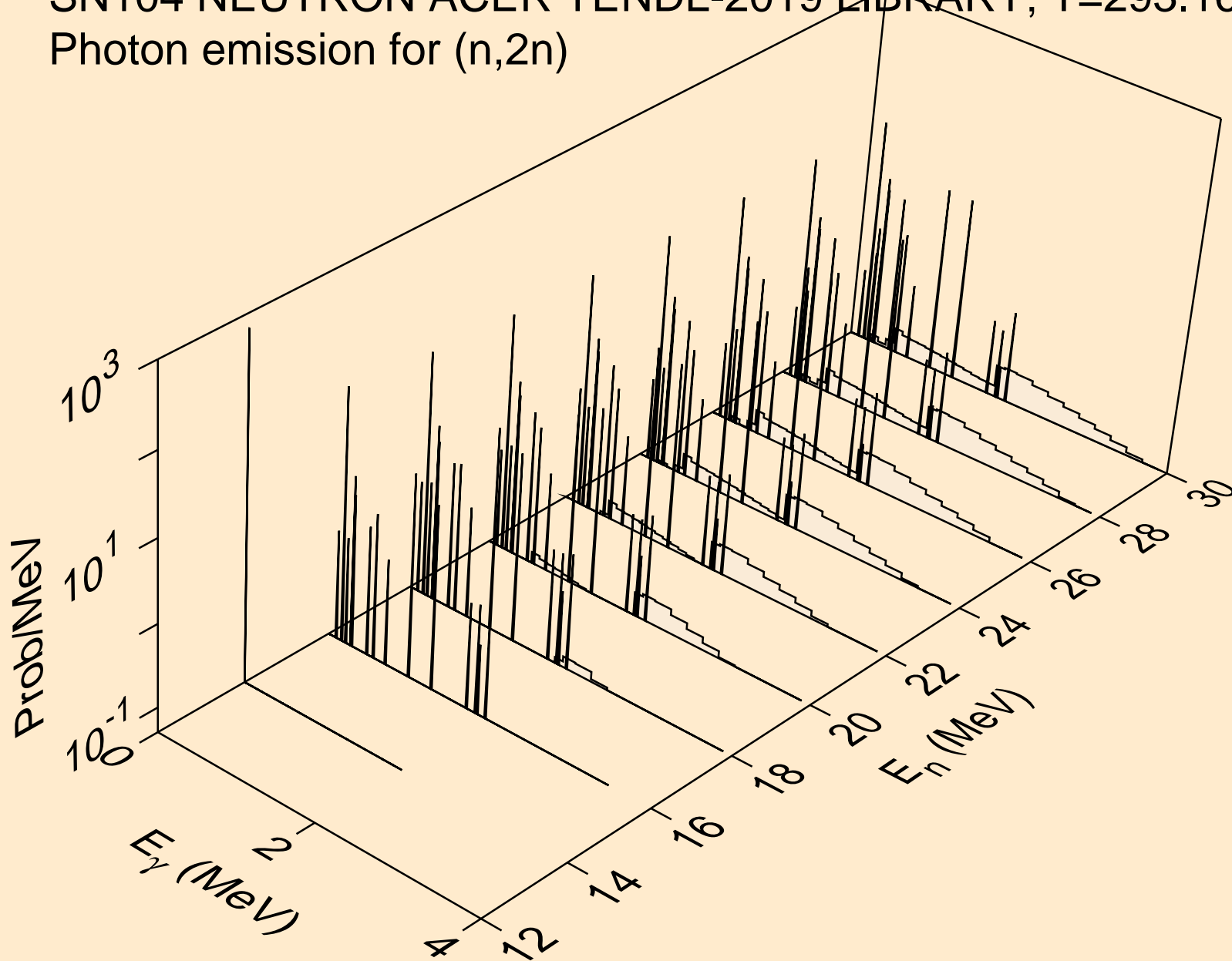
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)

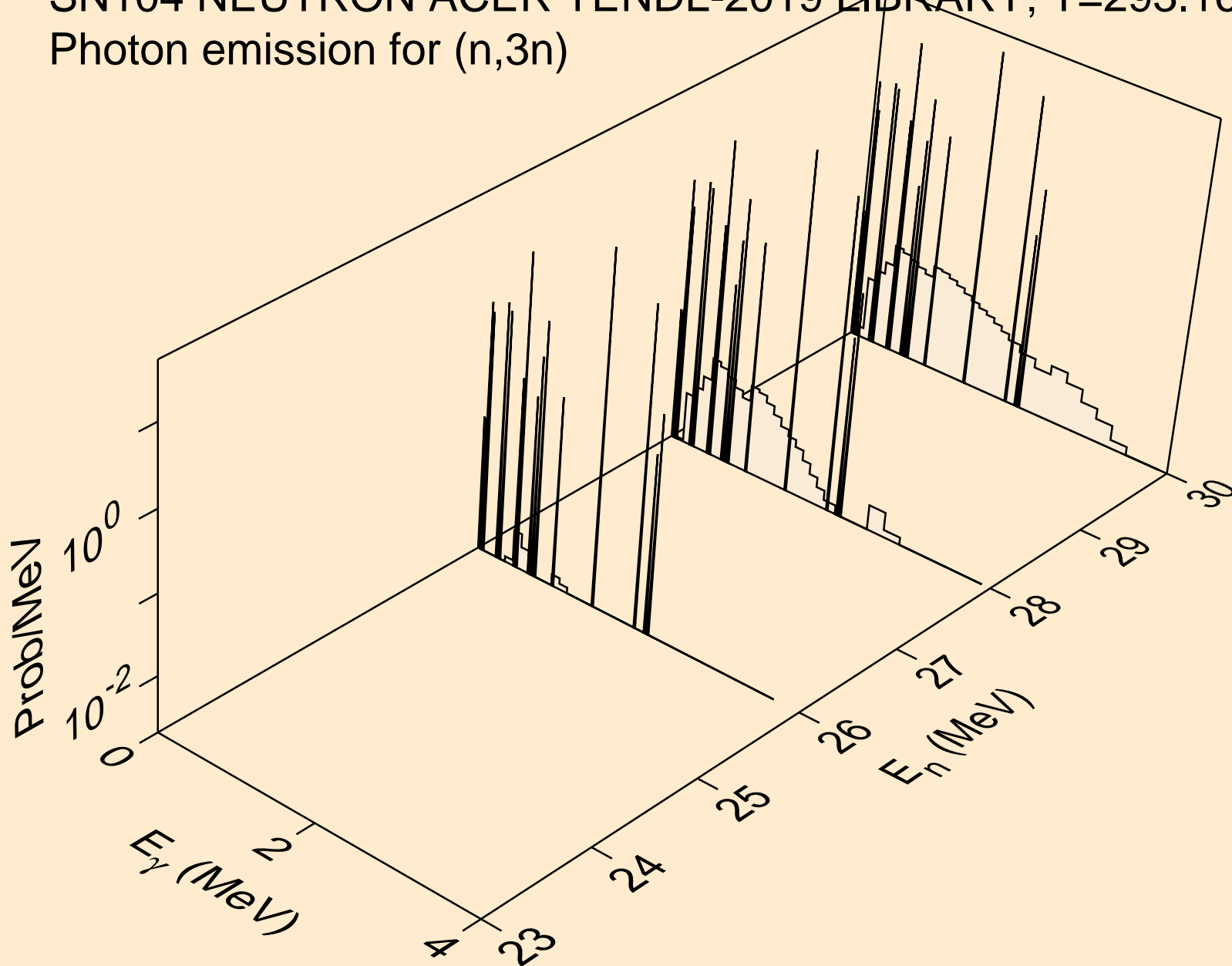


SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)

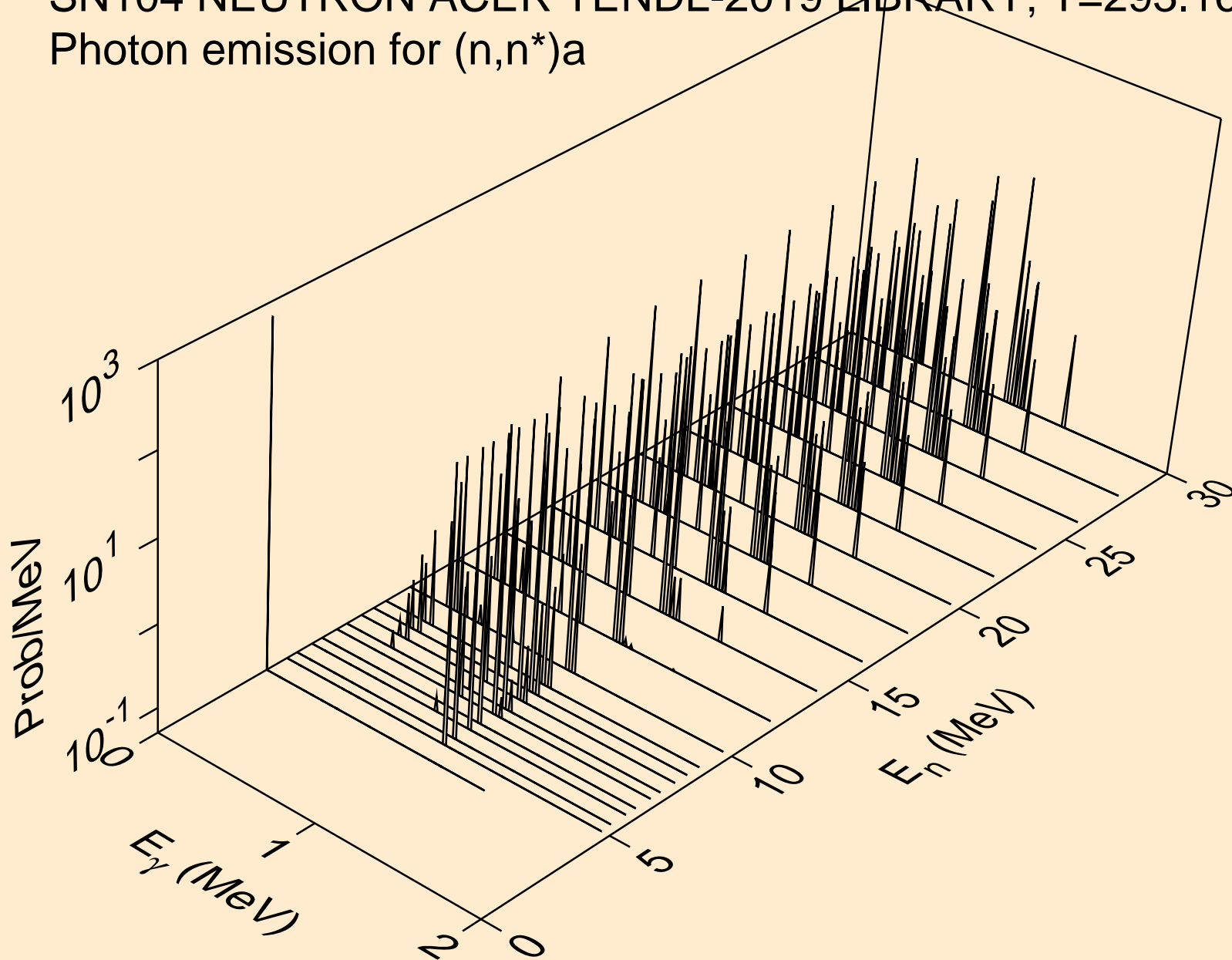




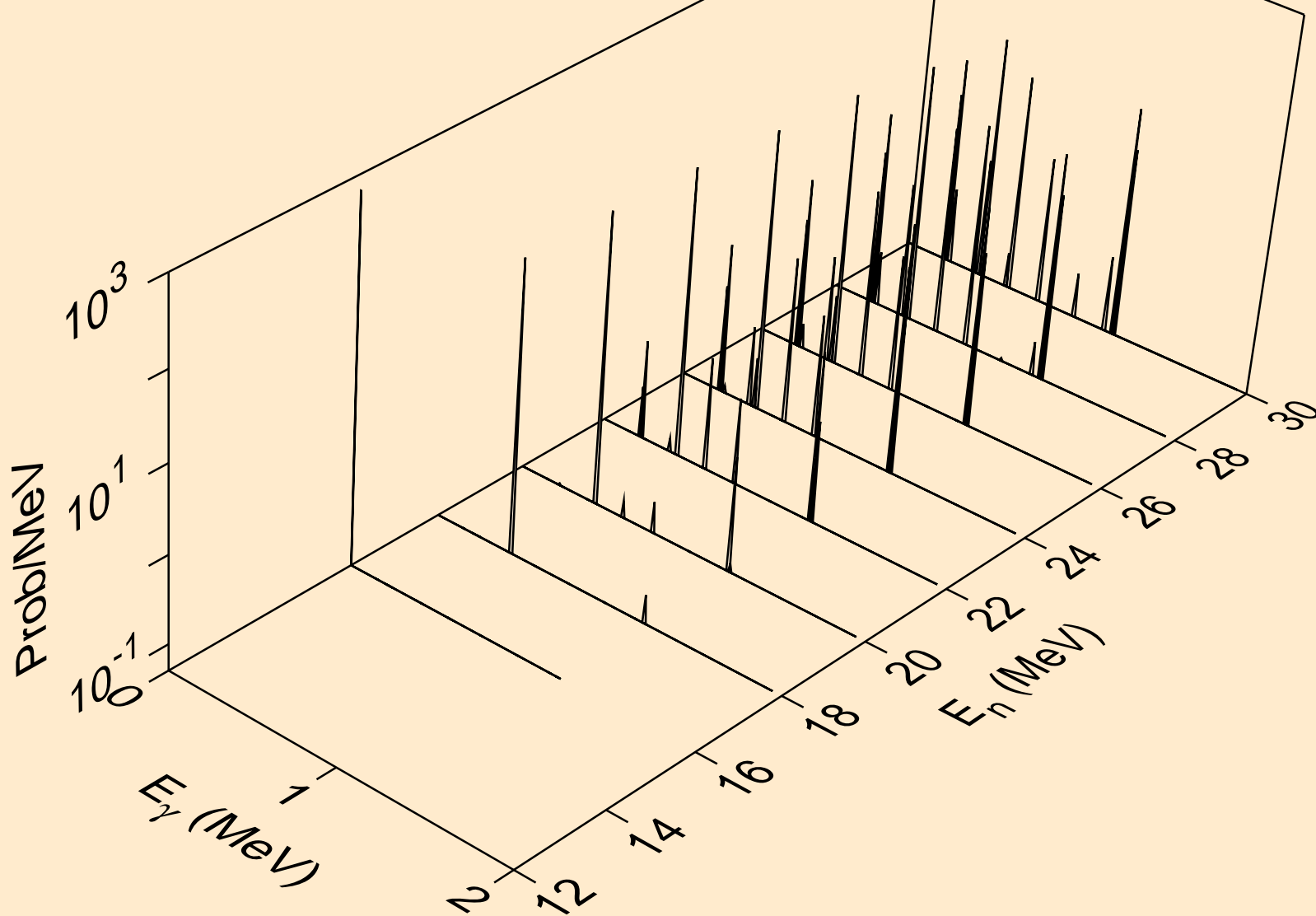
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



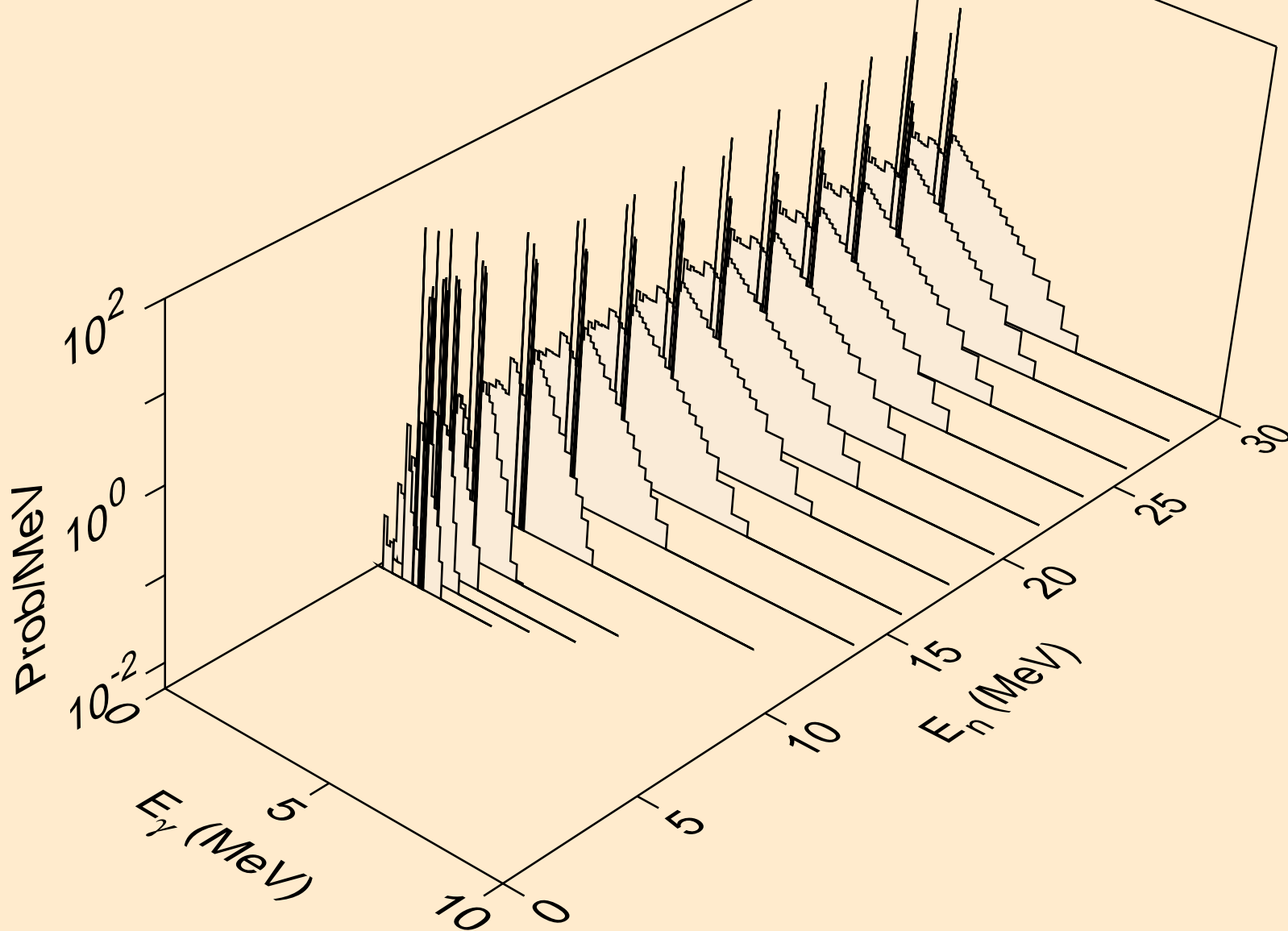
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Photon emission for (n,n\*)a



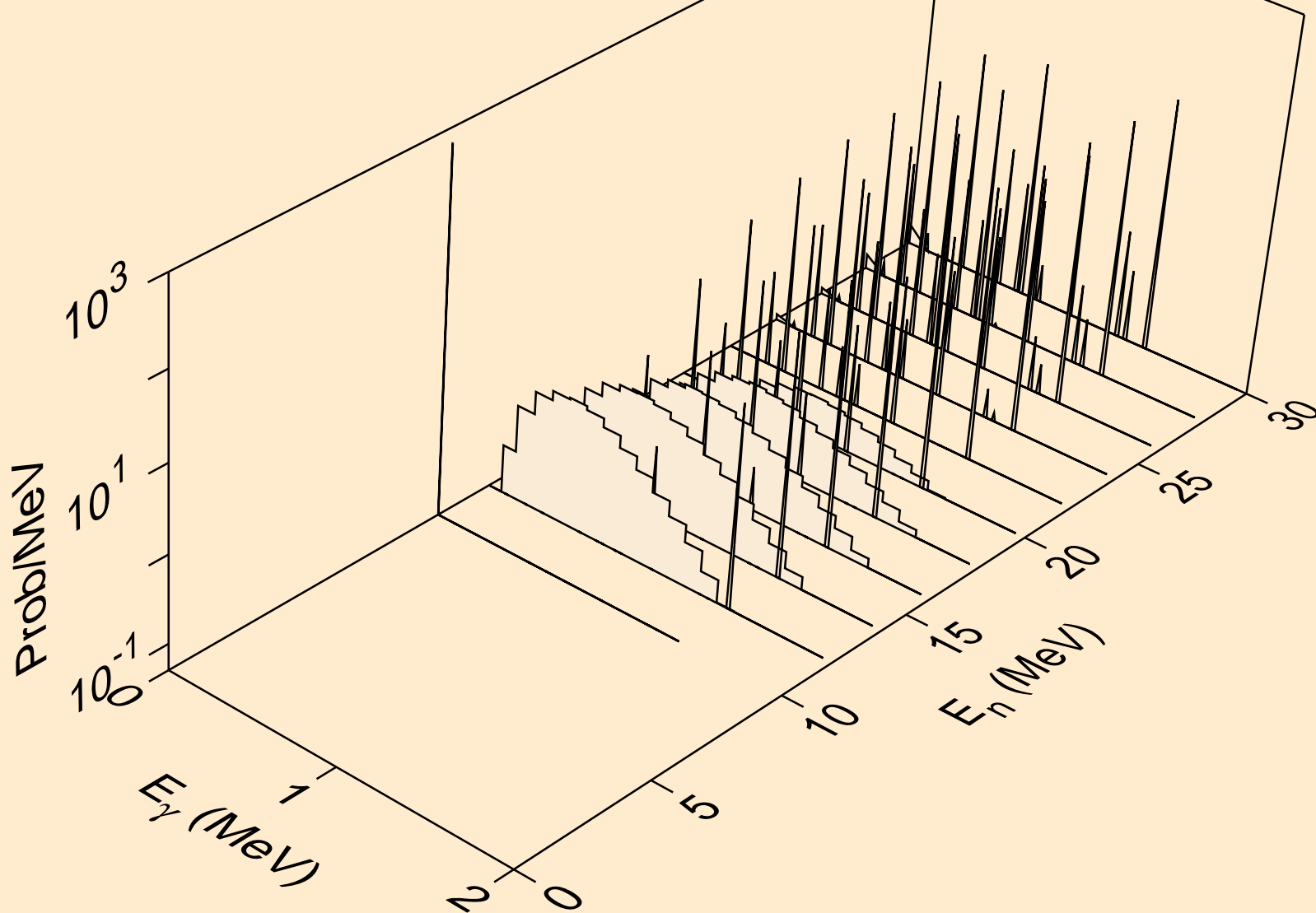
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Photon emission for (n,2n)a



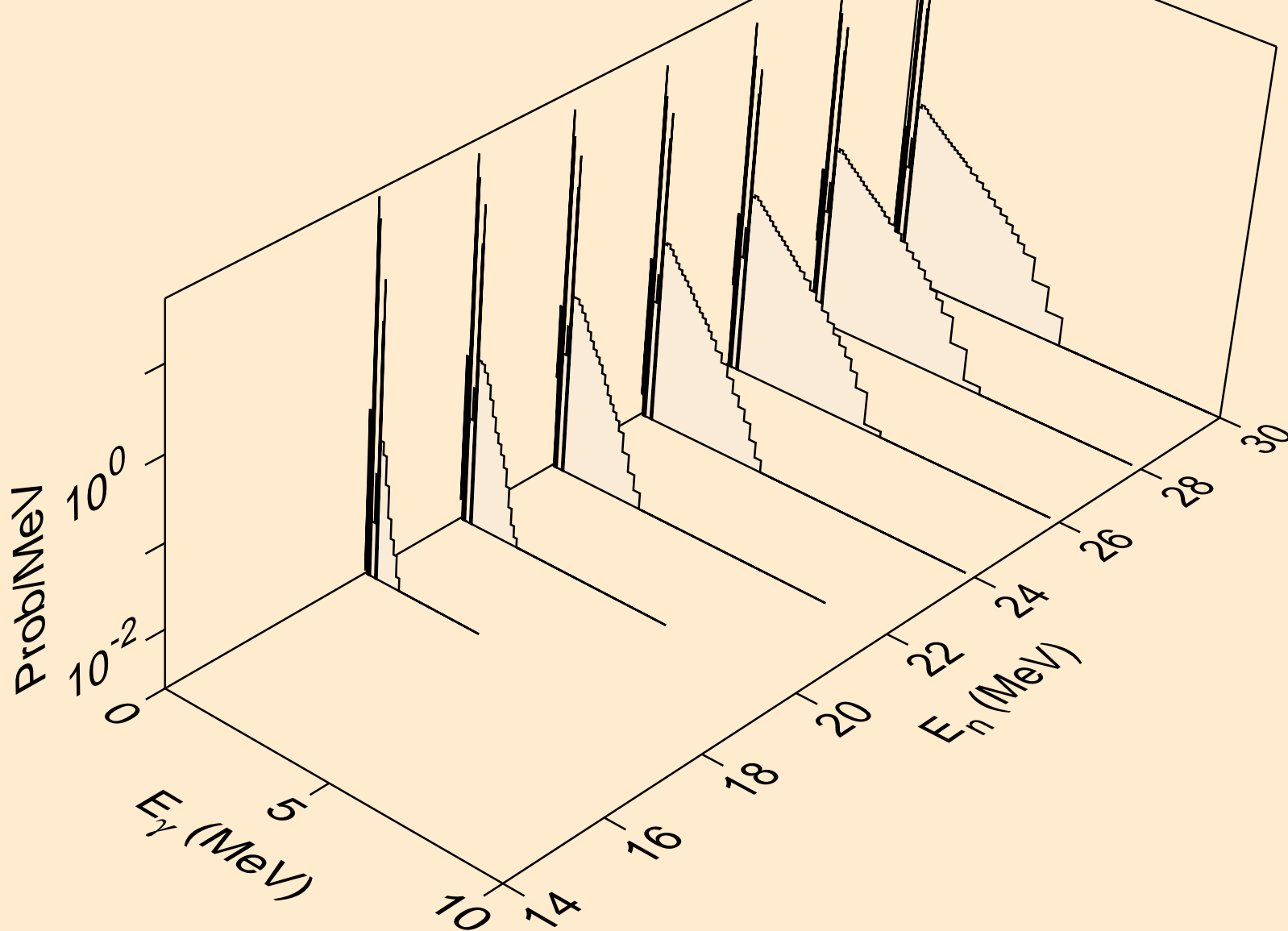
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



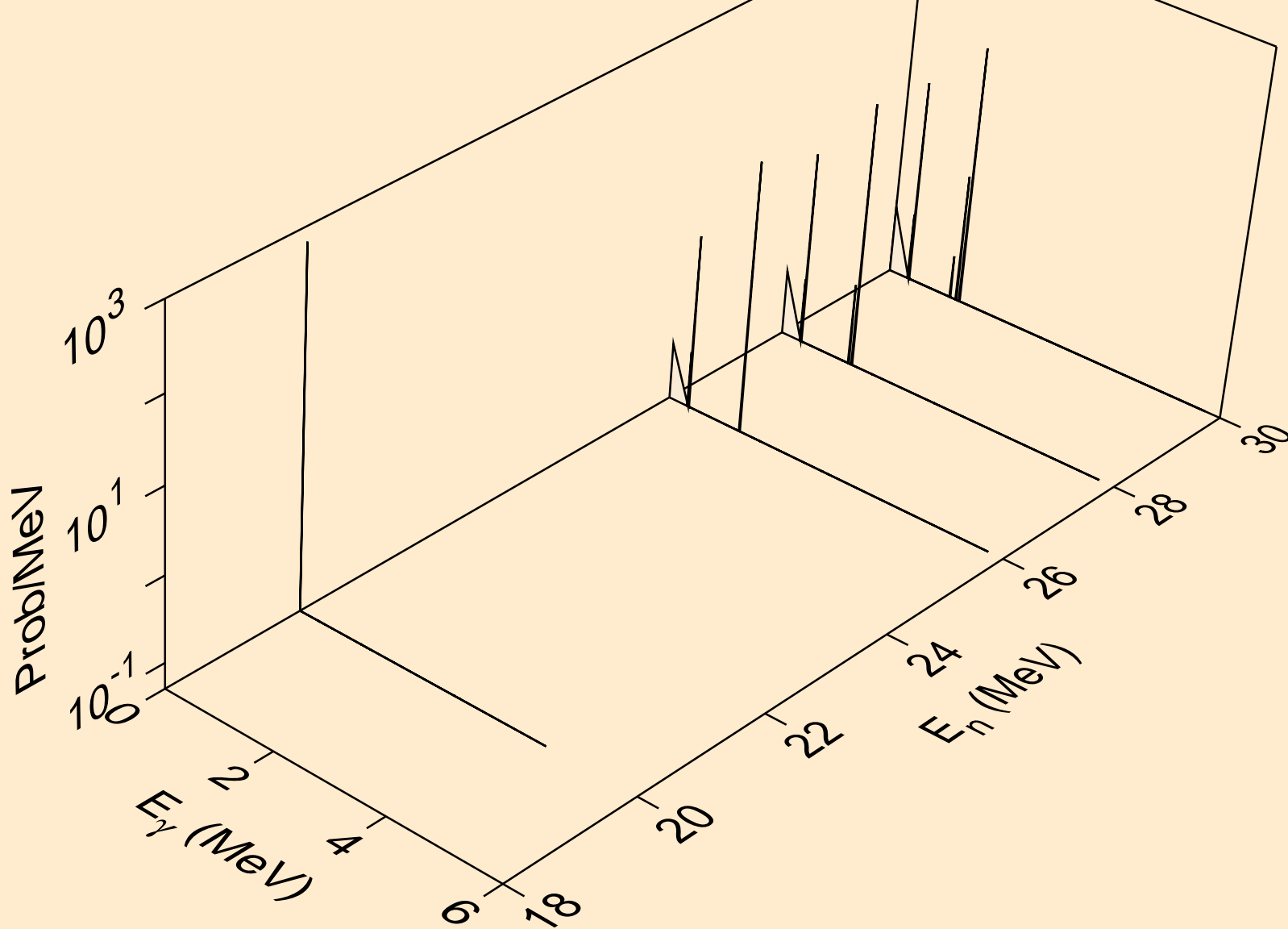
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Photon emission for (n,n\*)2a



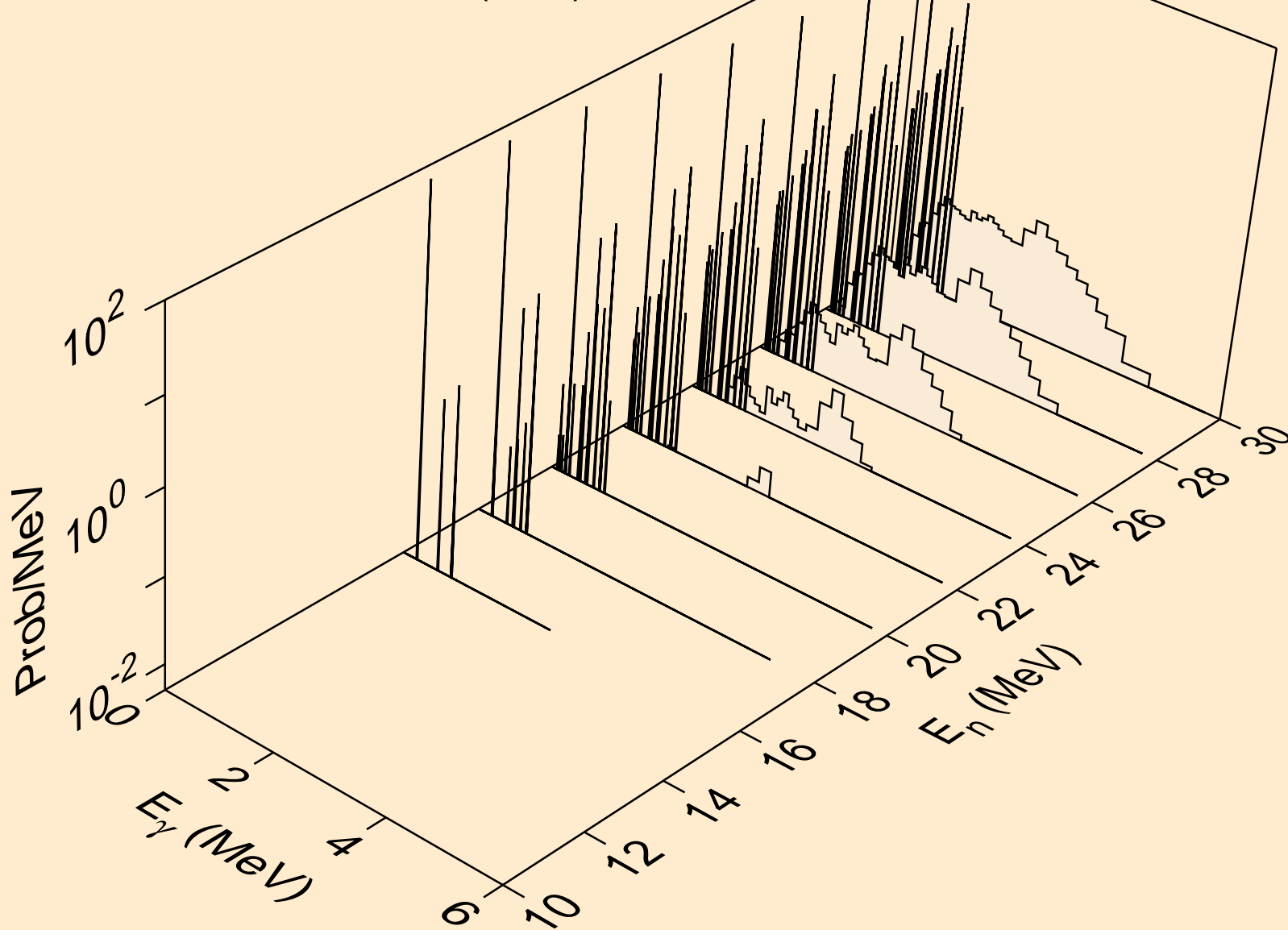
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t

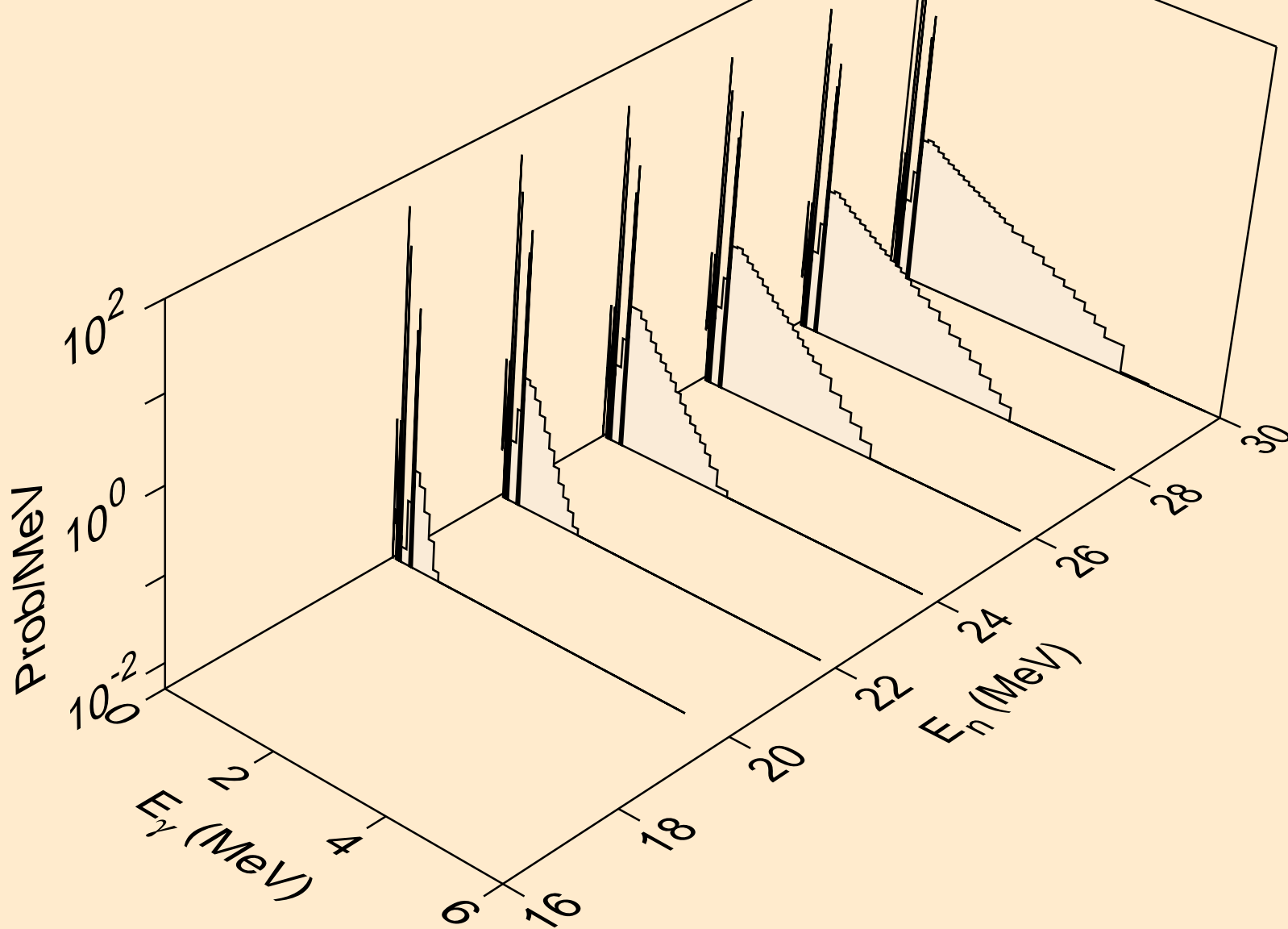


SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3

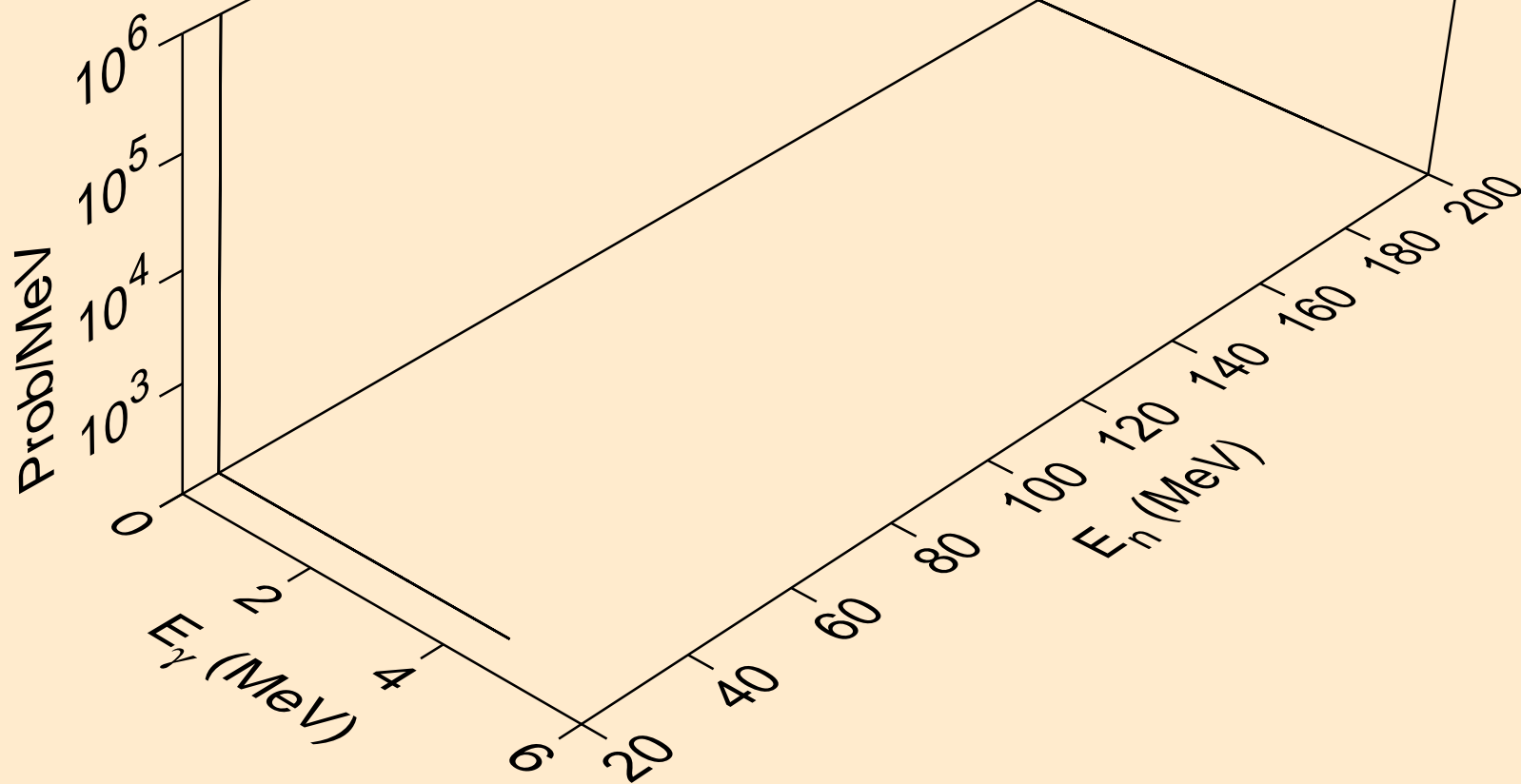




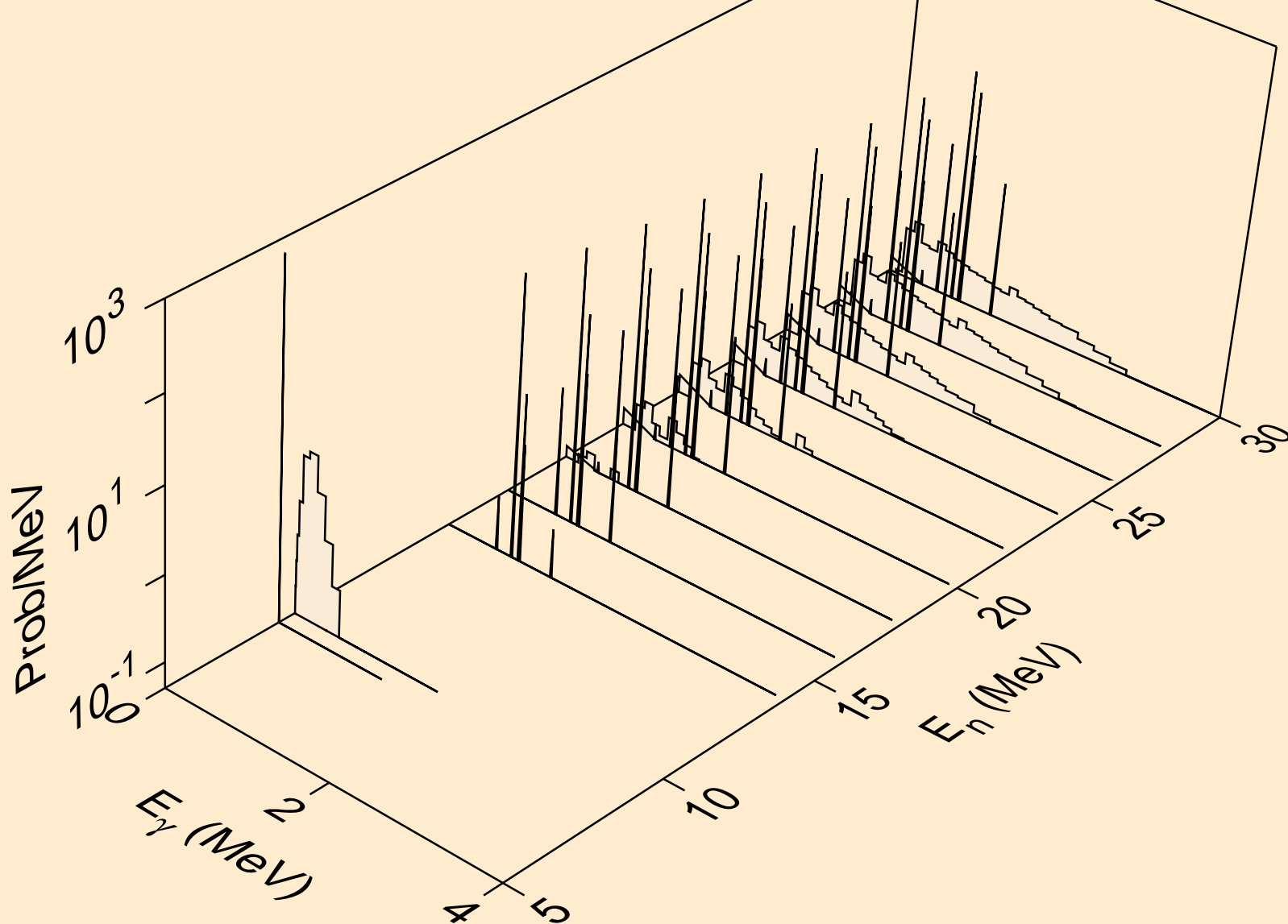
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



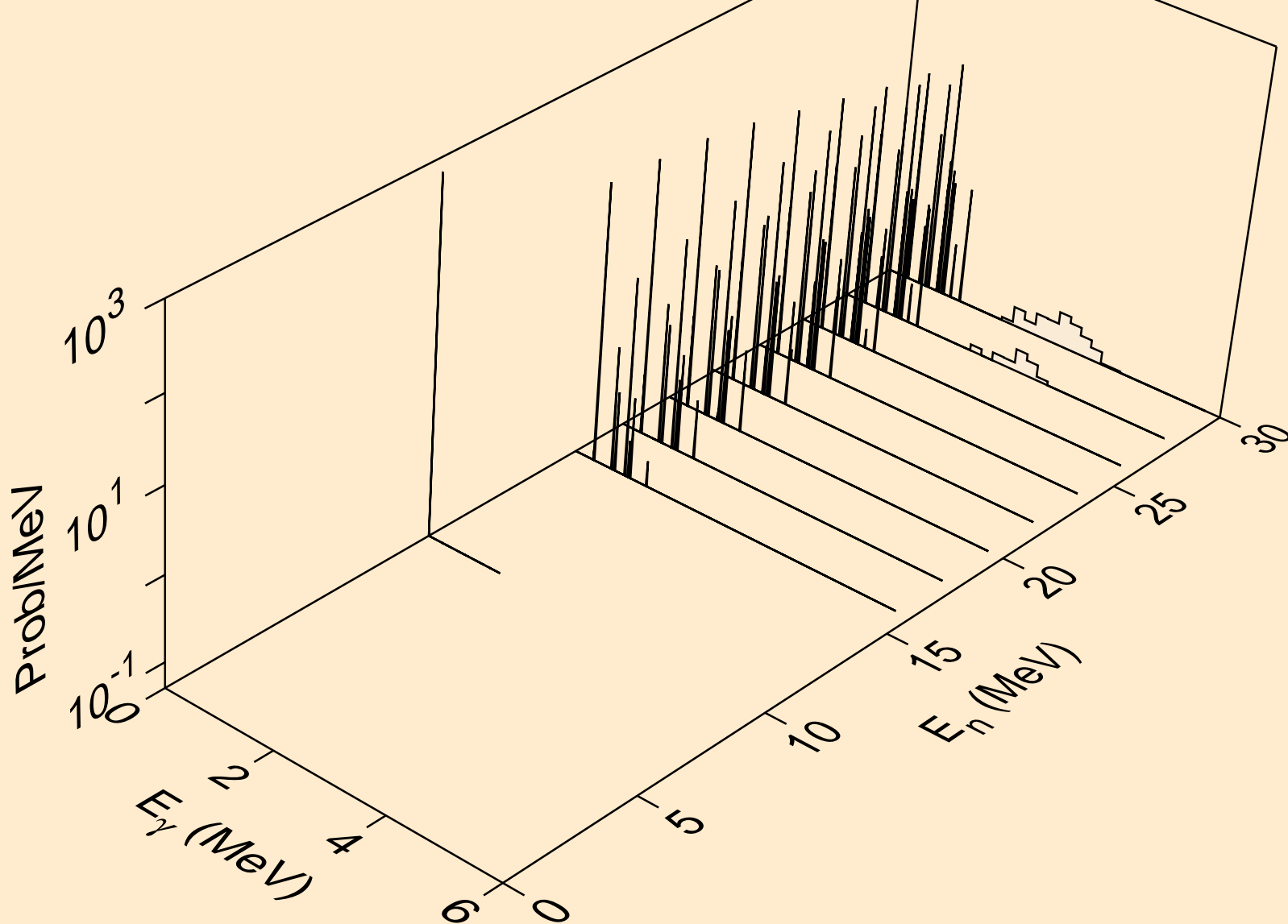
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



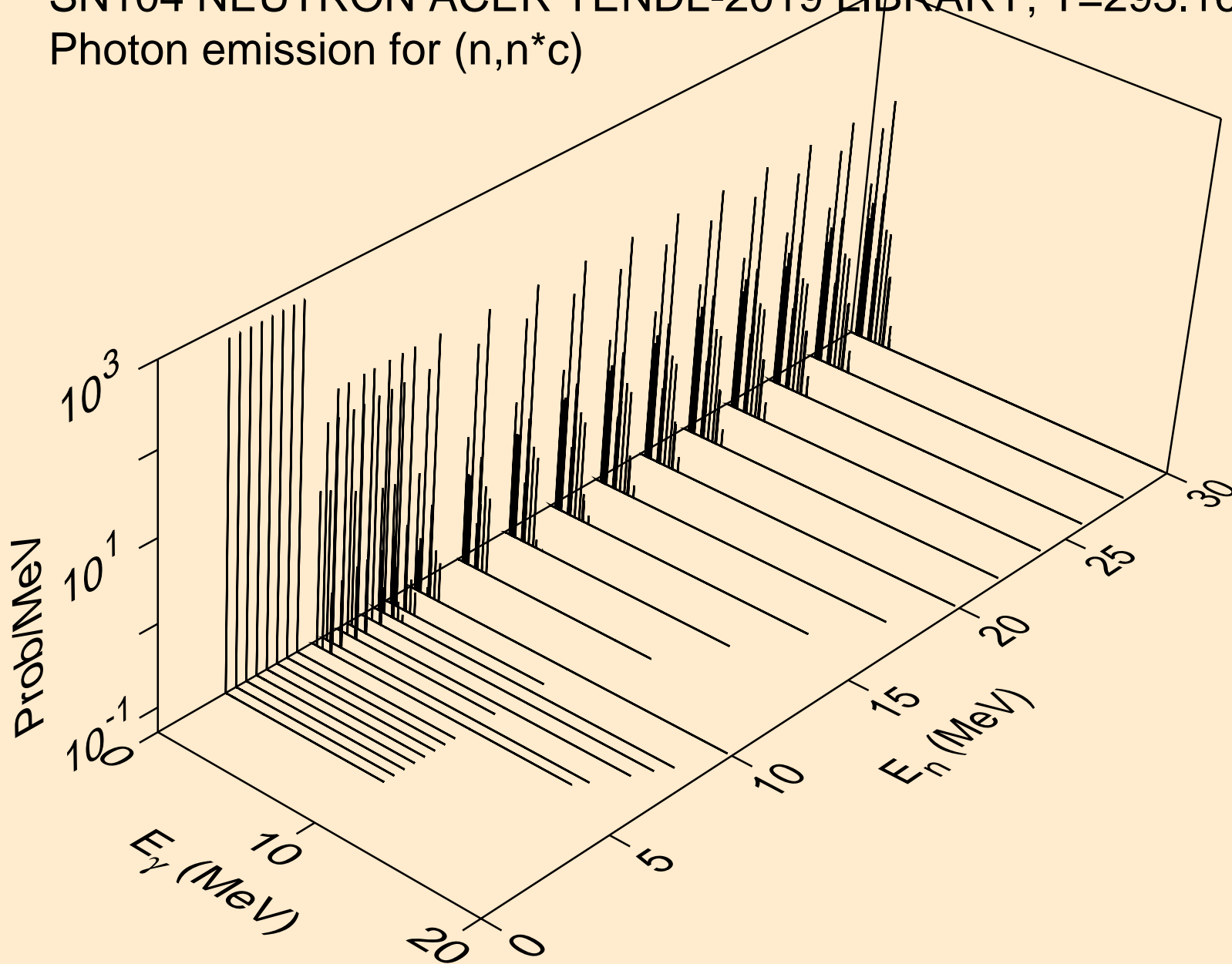
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Photon emission for (n,2np)



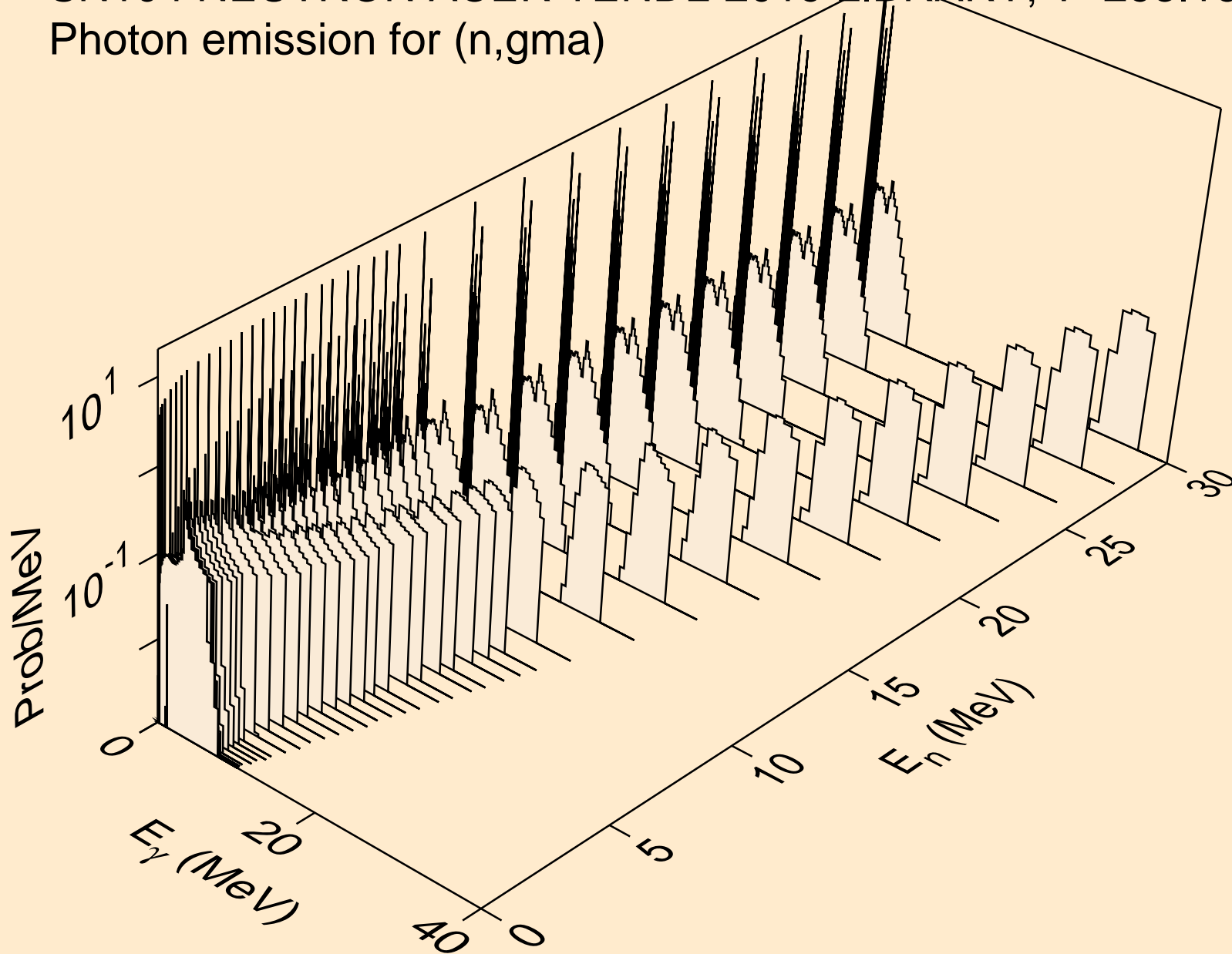
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)



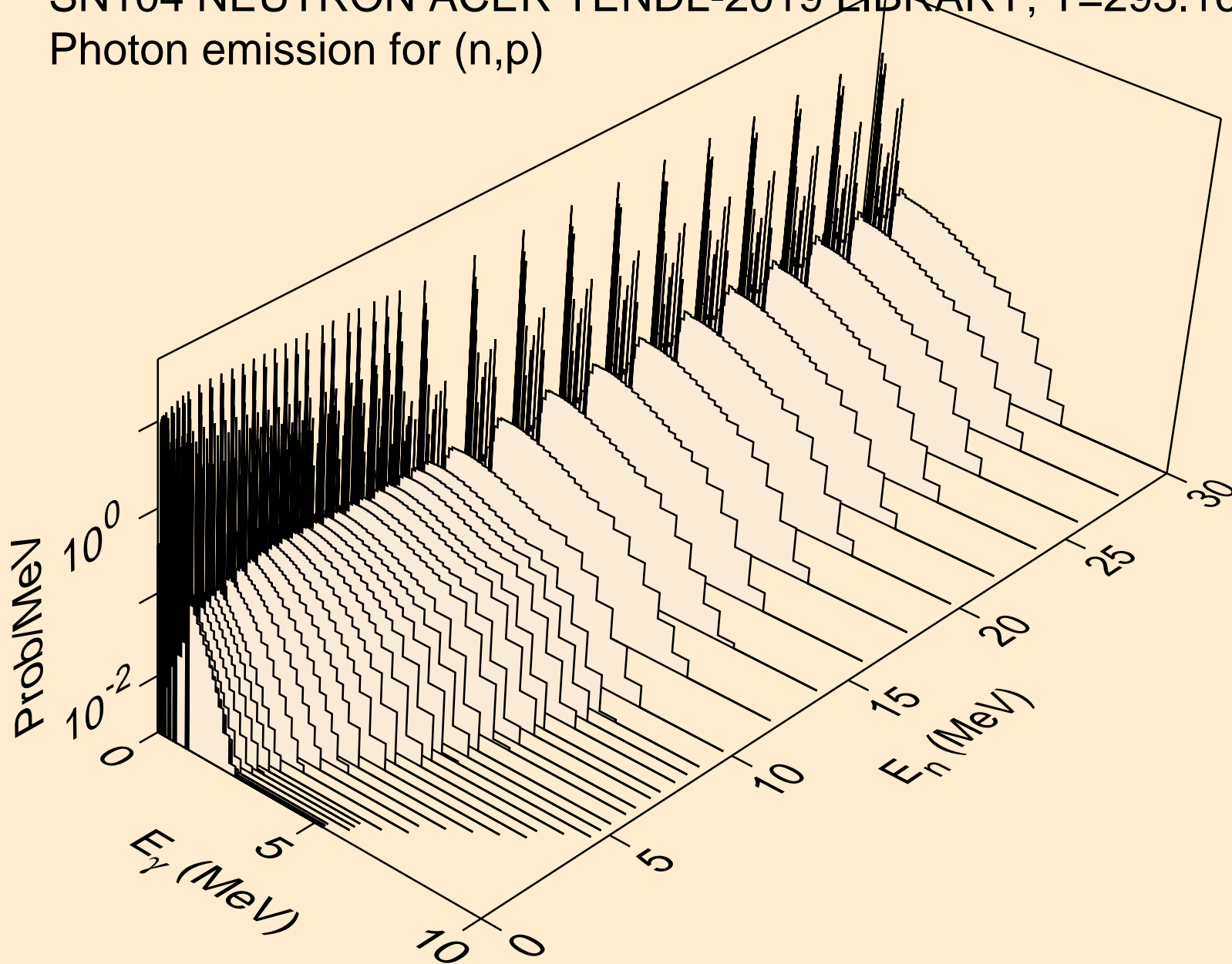
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



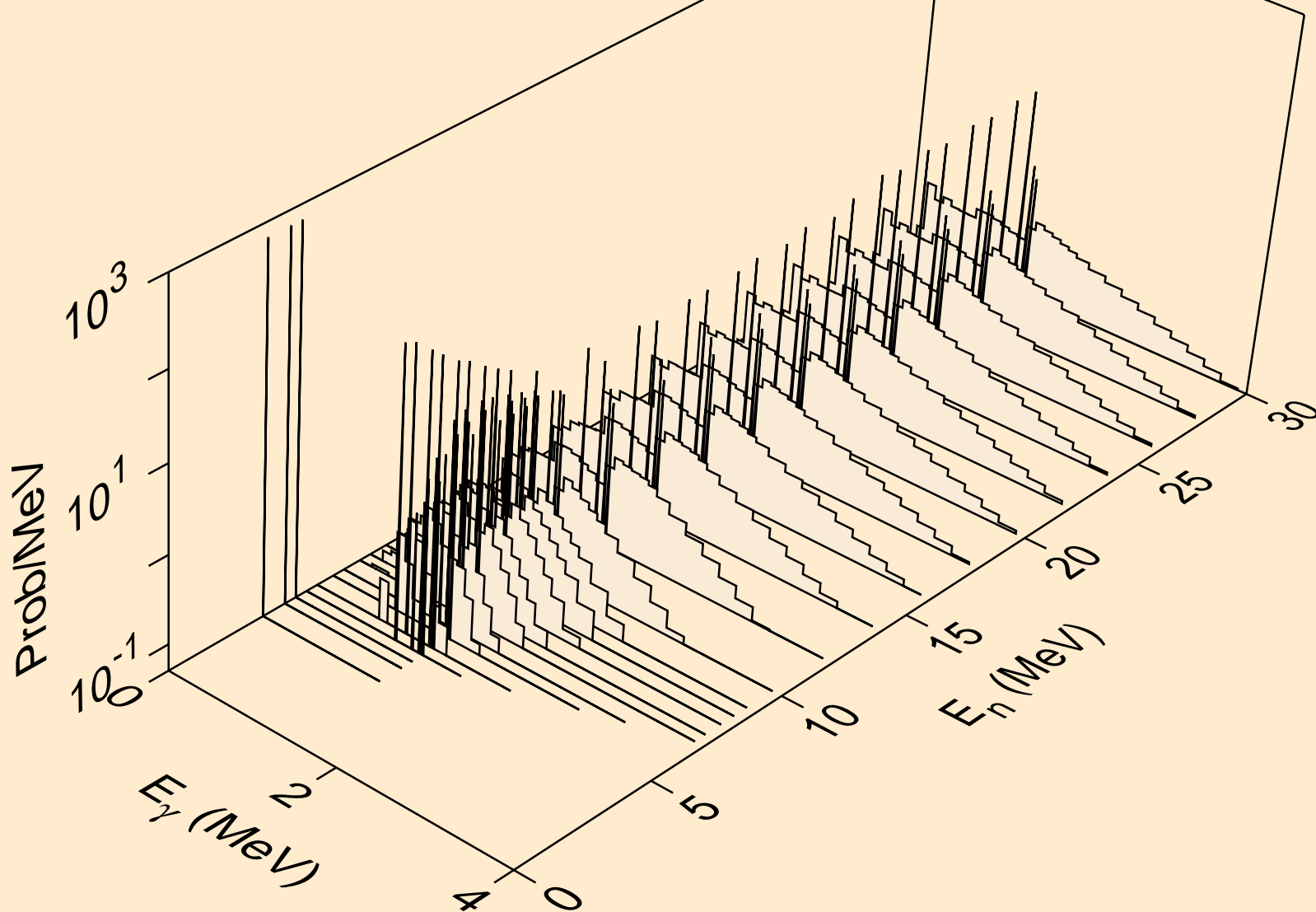
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)

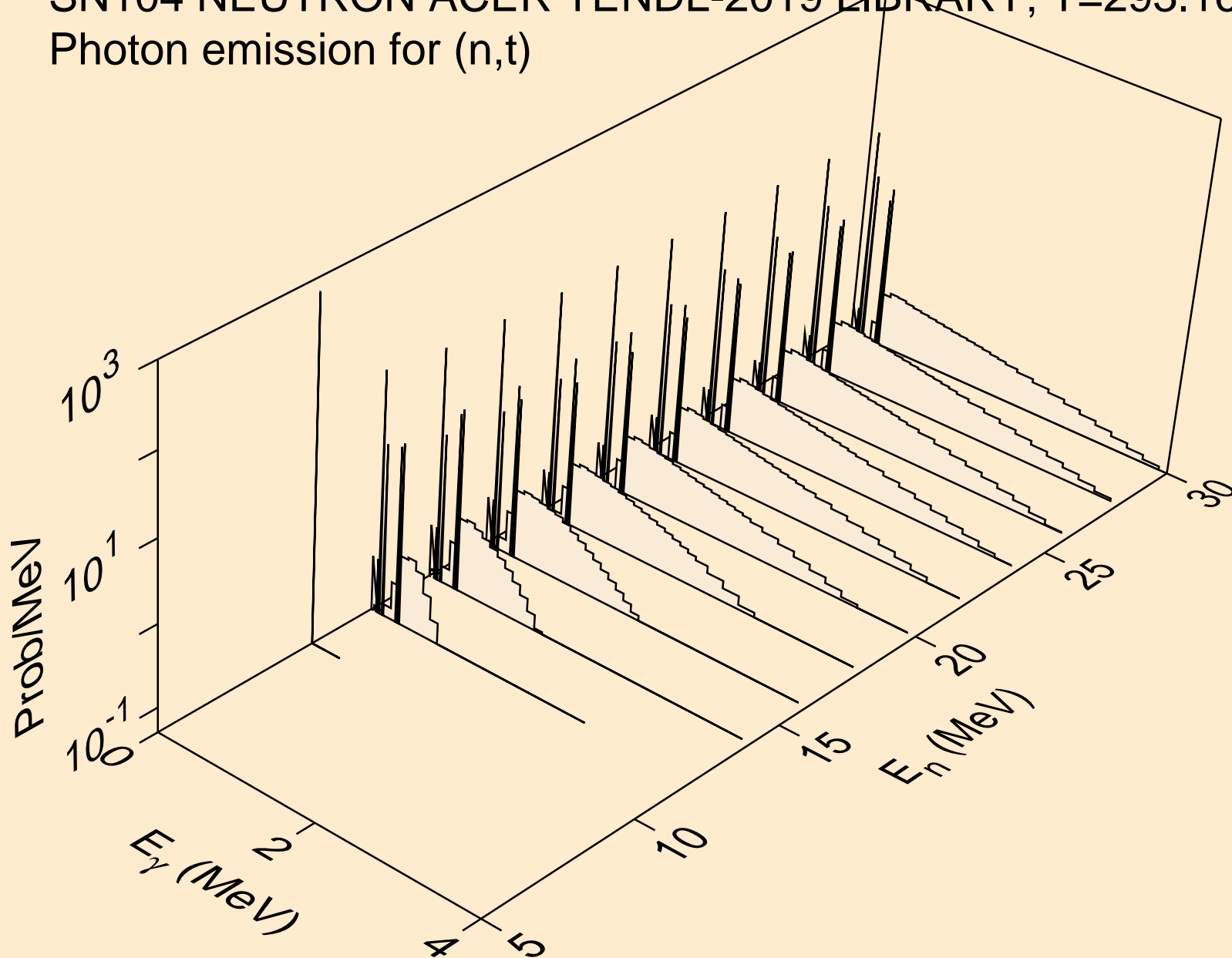


SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)

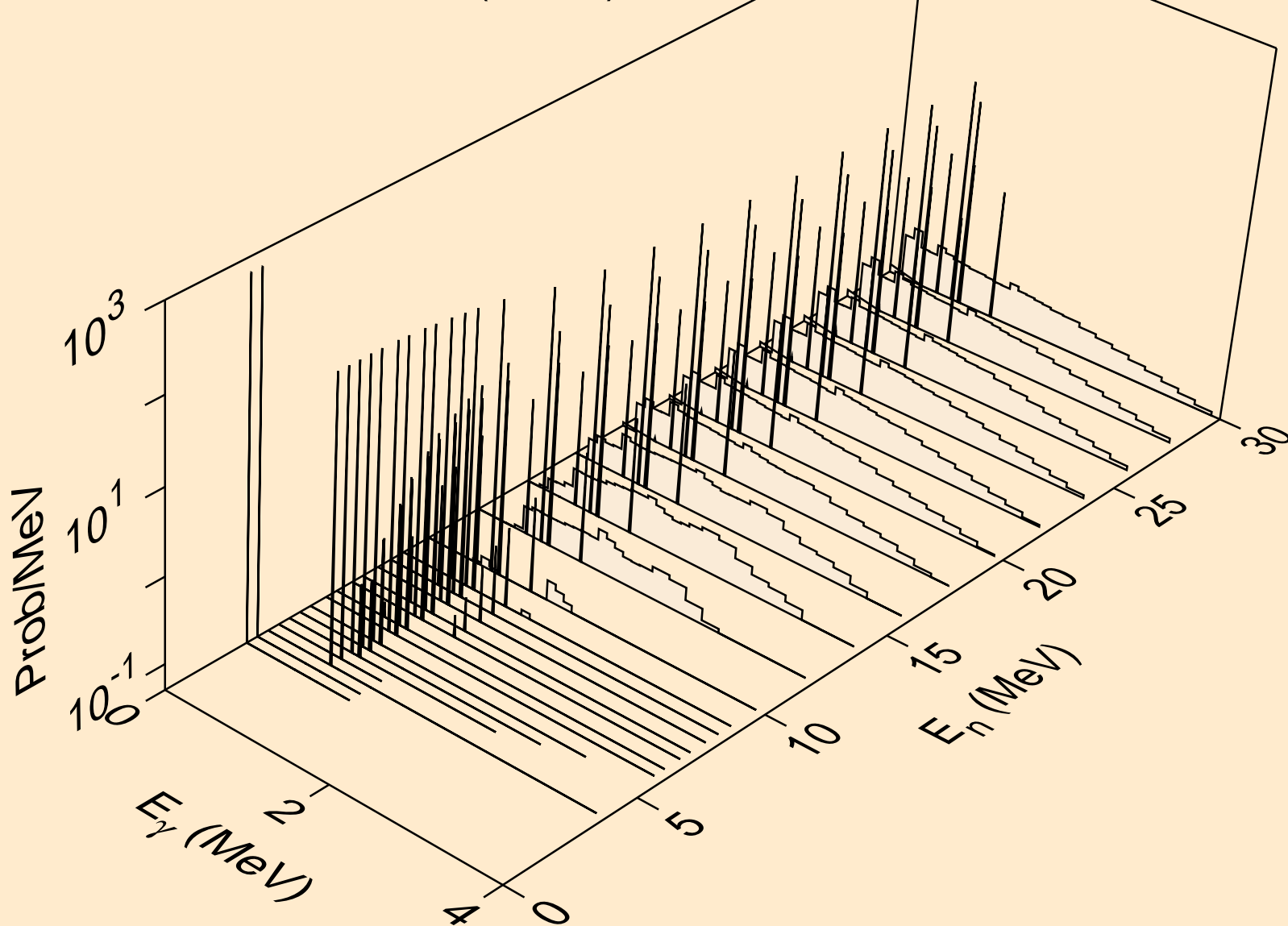




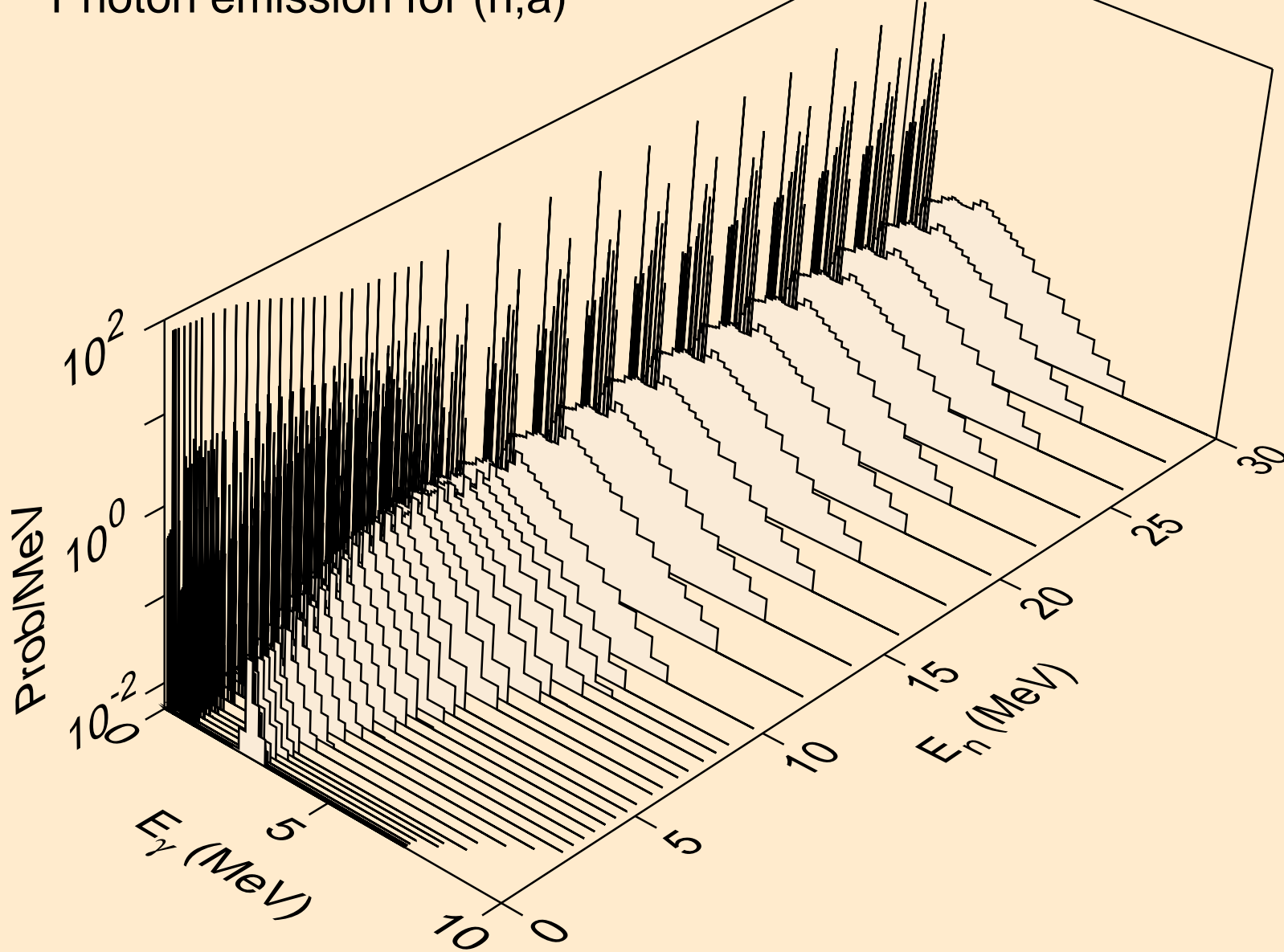
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



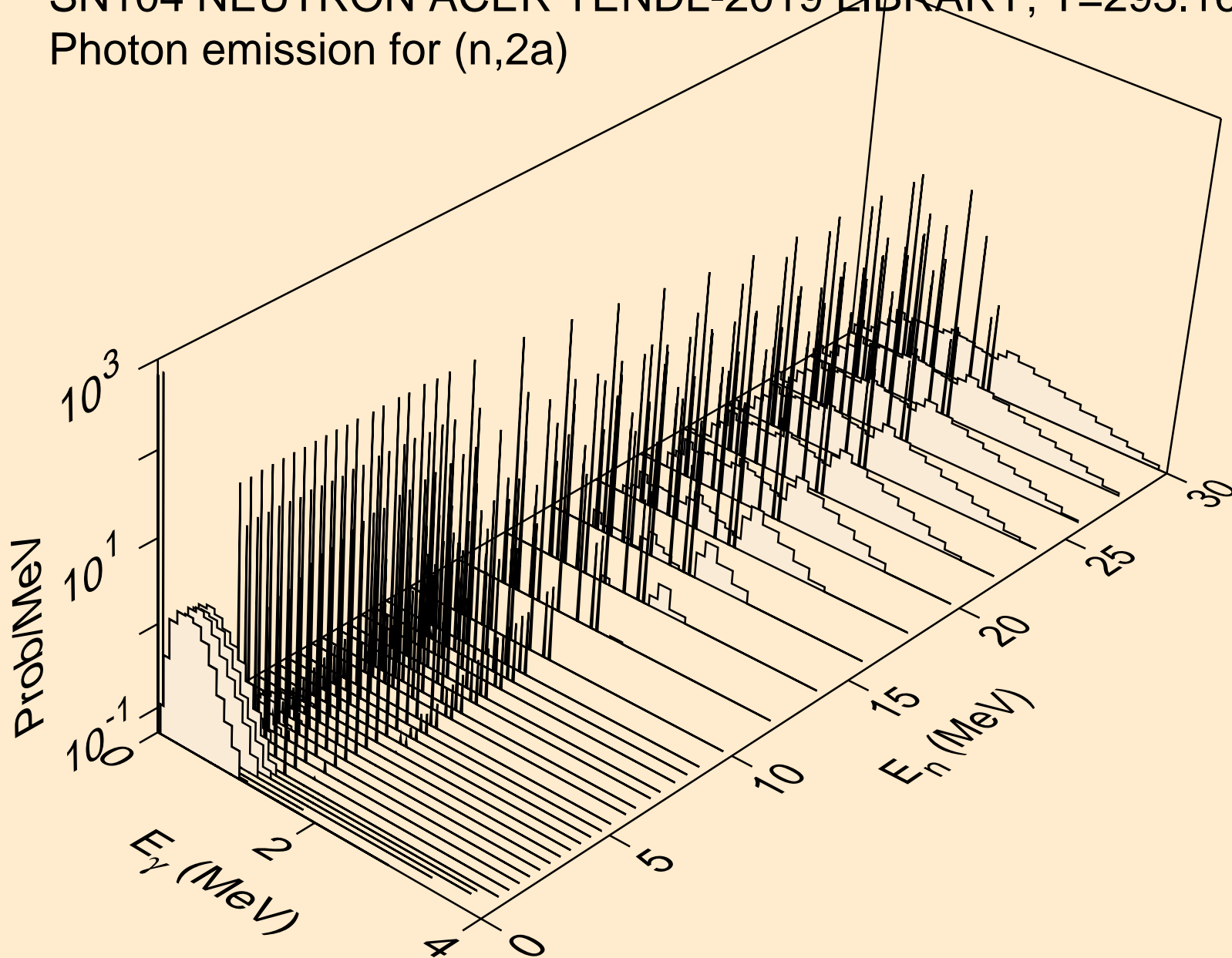
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



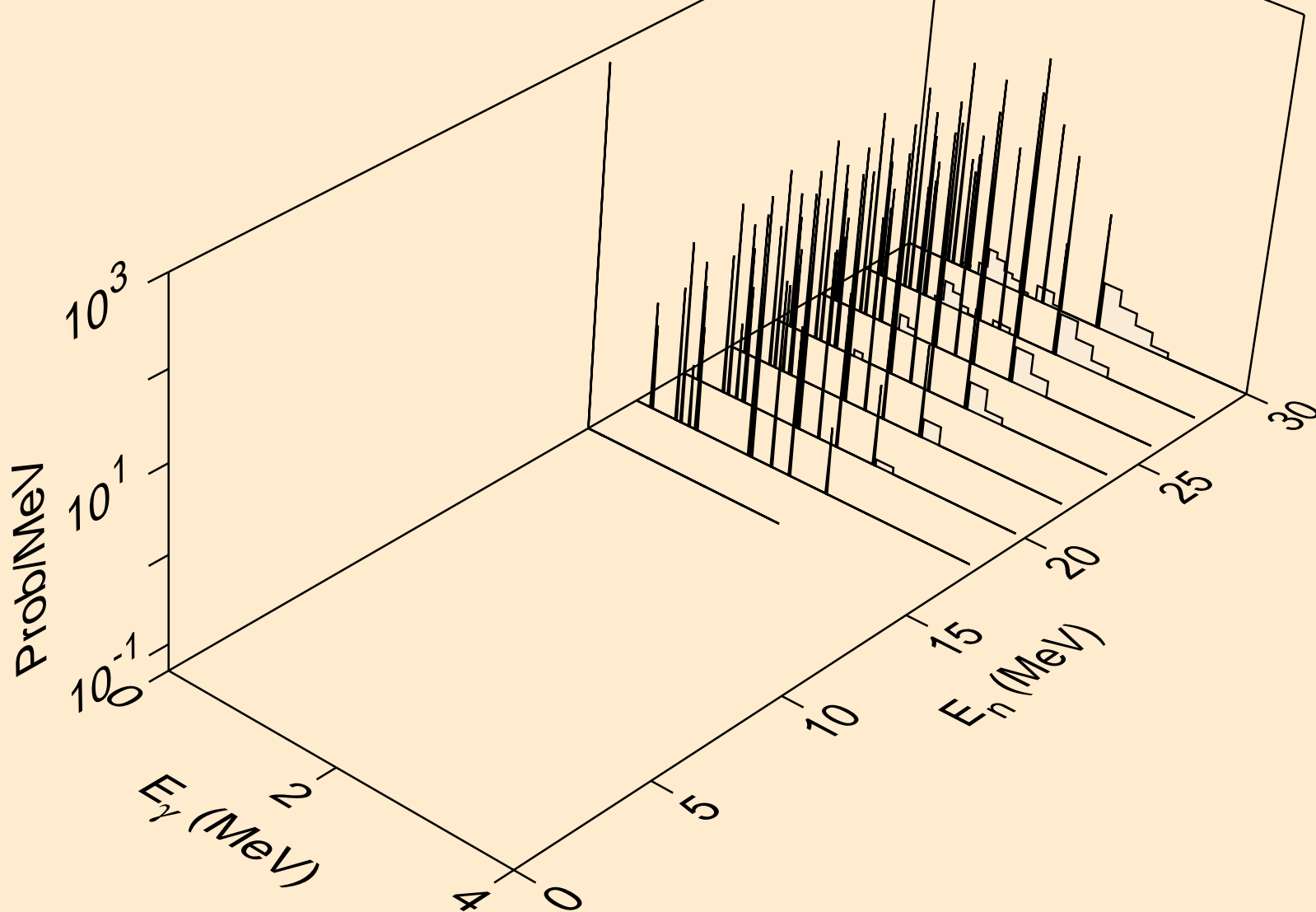
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



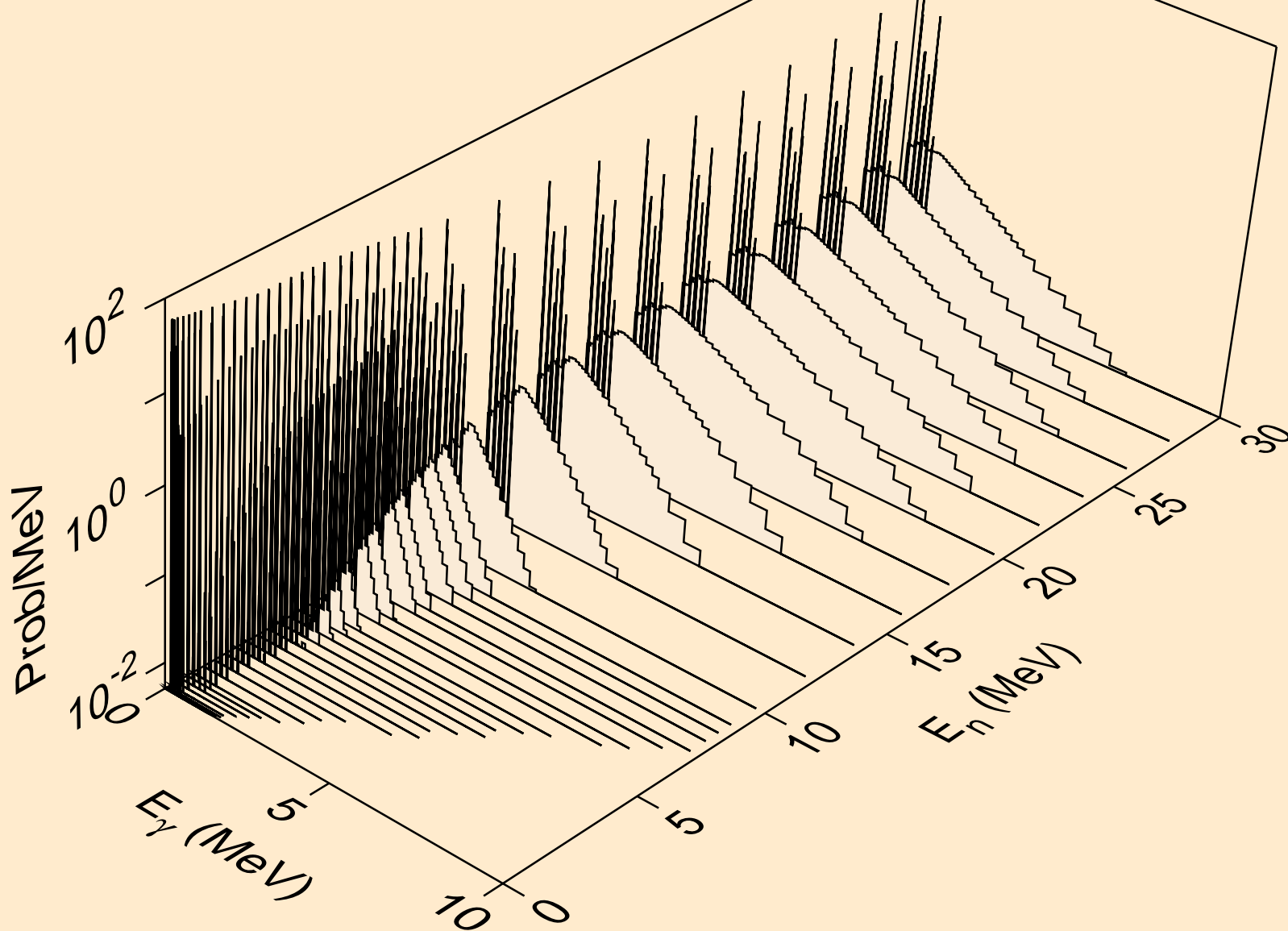
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2a)



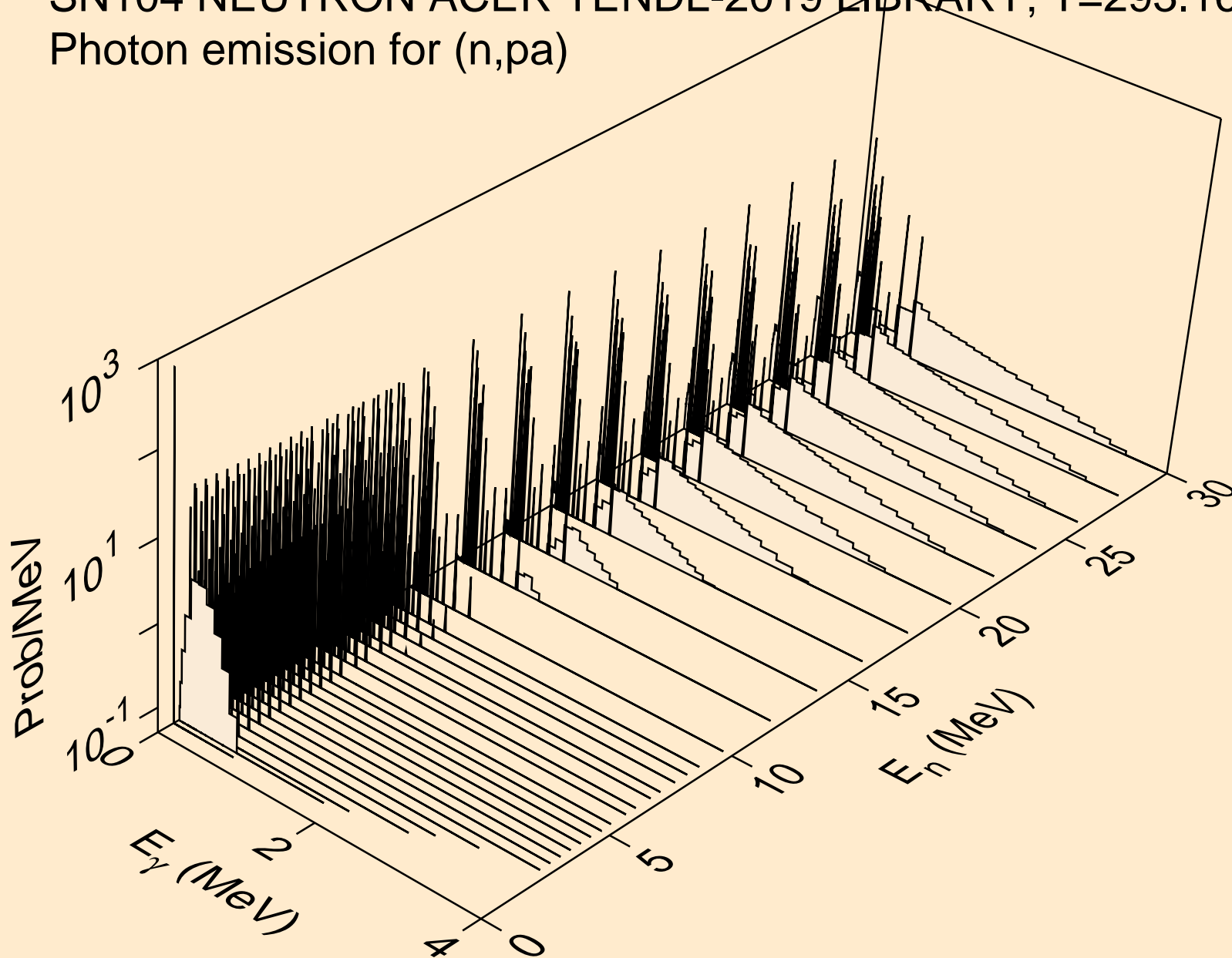
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3a)



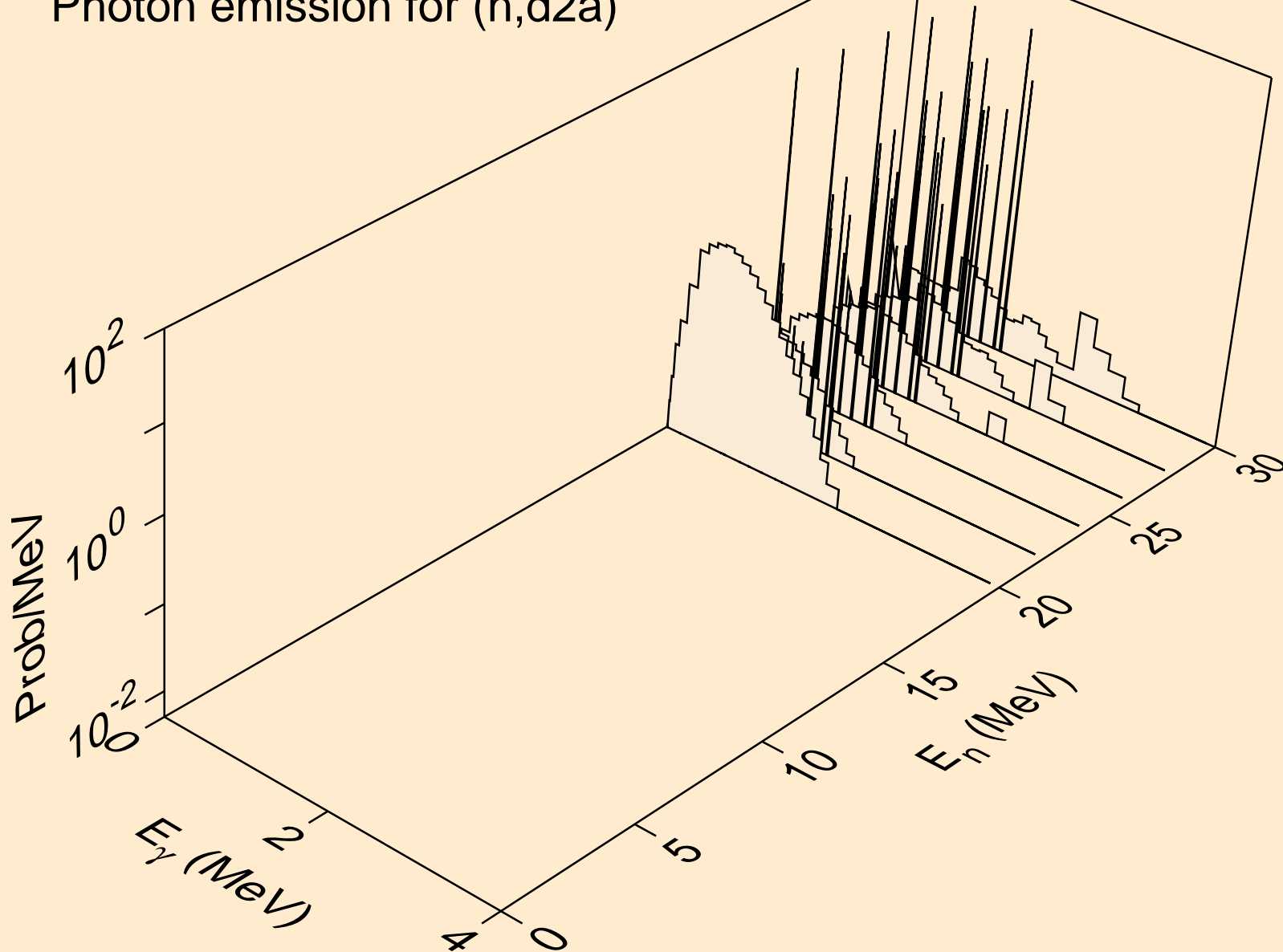
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p $\alpha$ )

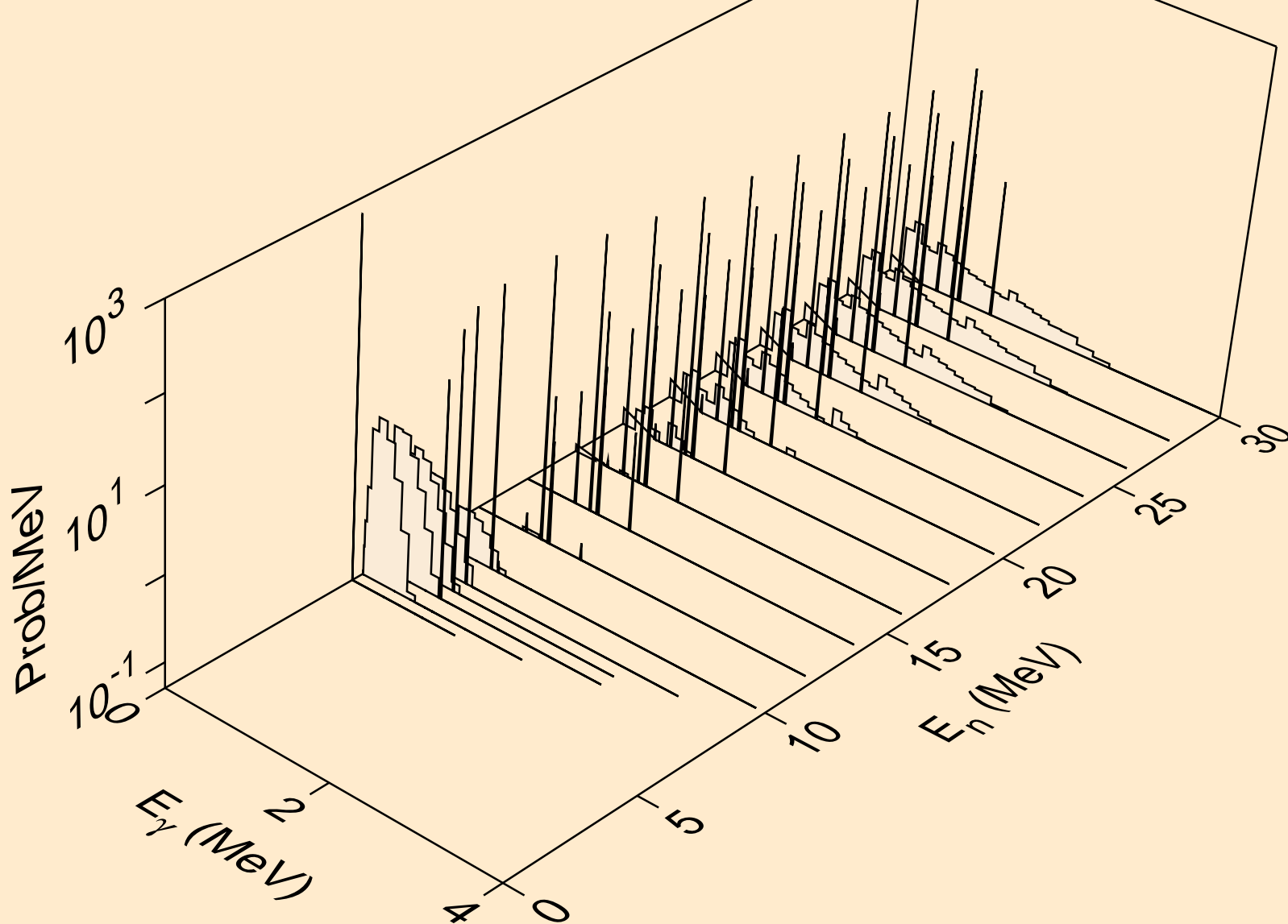


SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d2a)

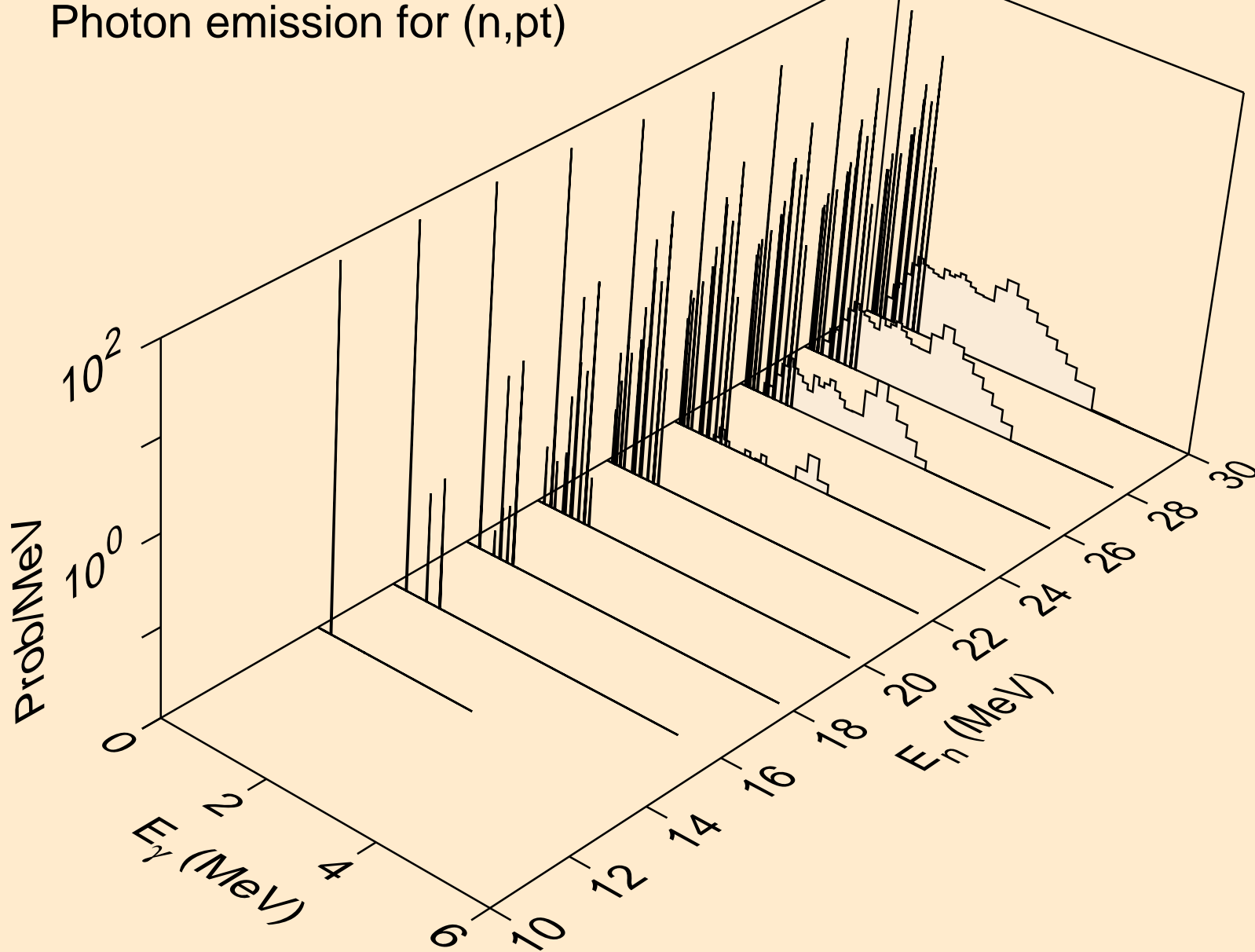




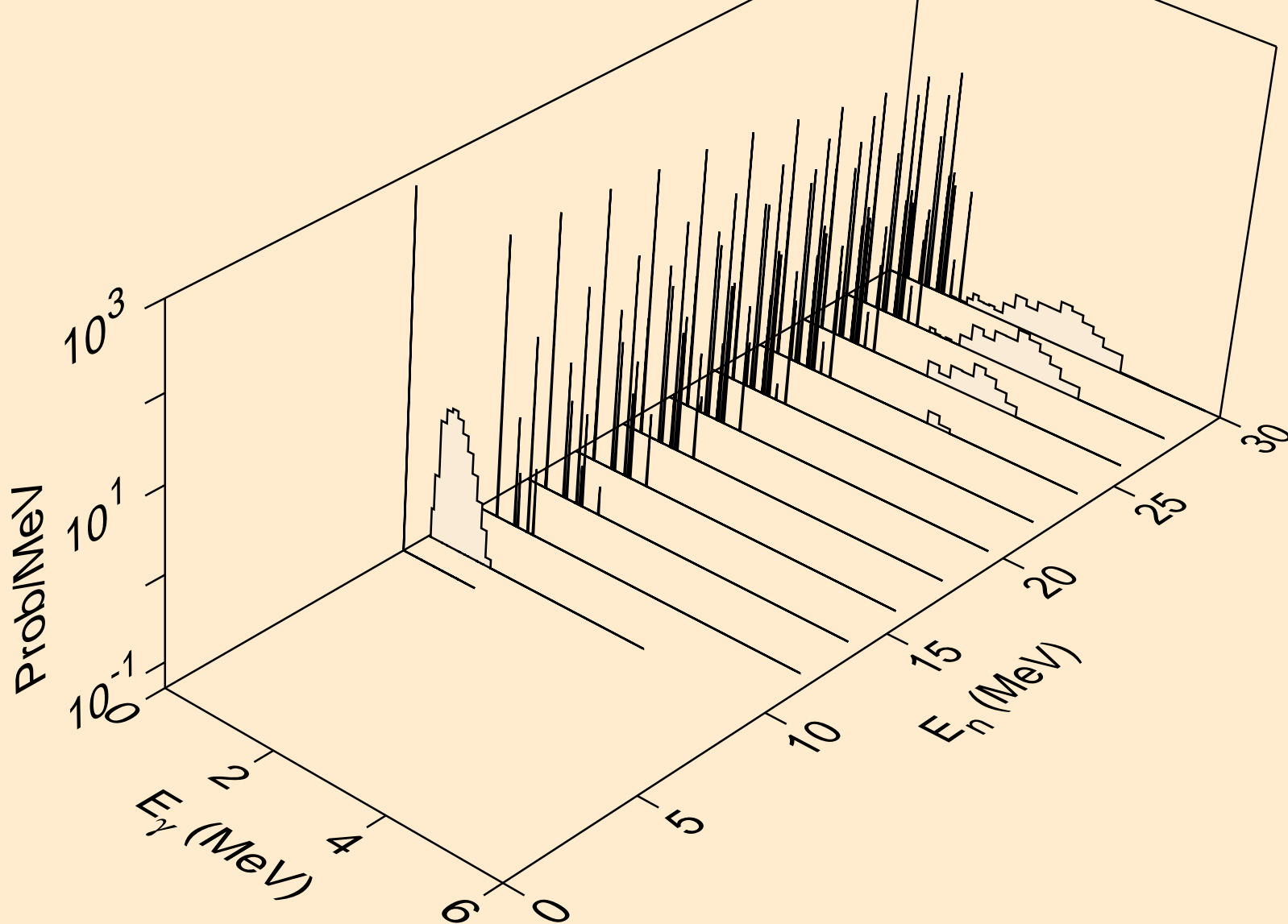
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Photon emission for (n,pd)



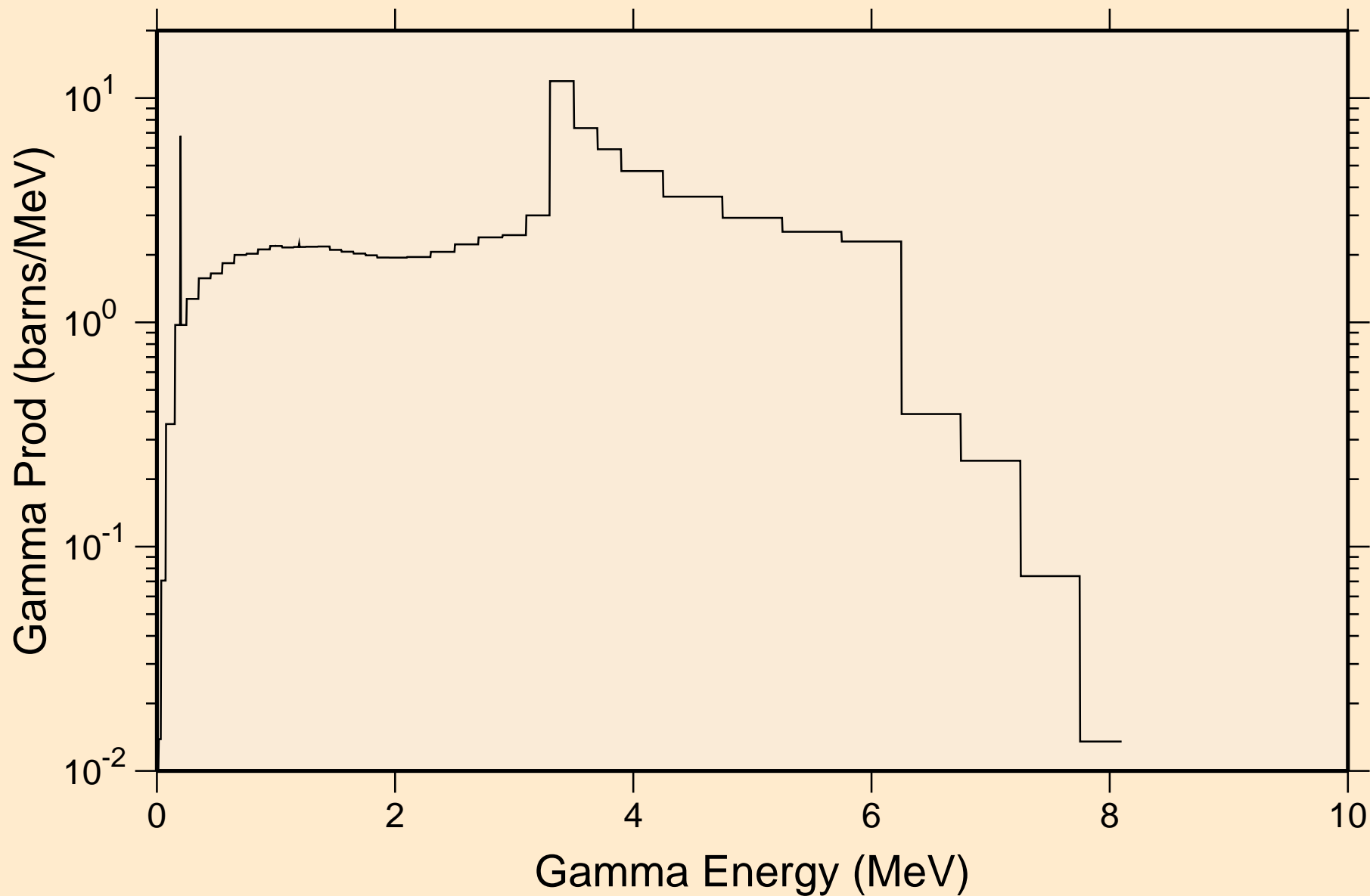
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Photon emission for (n,pt)



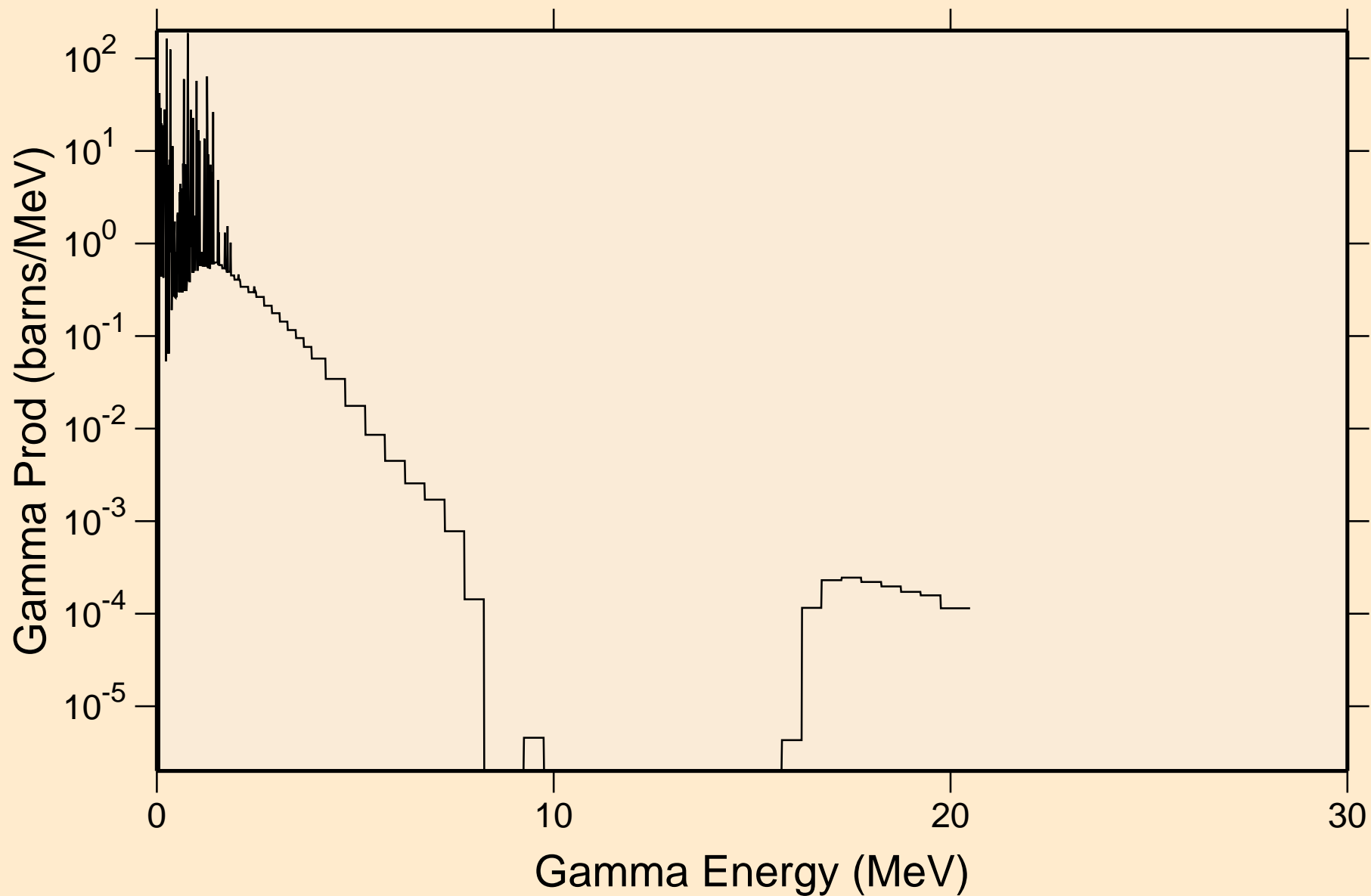
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)



SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

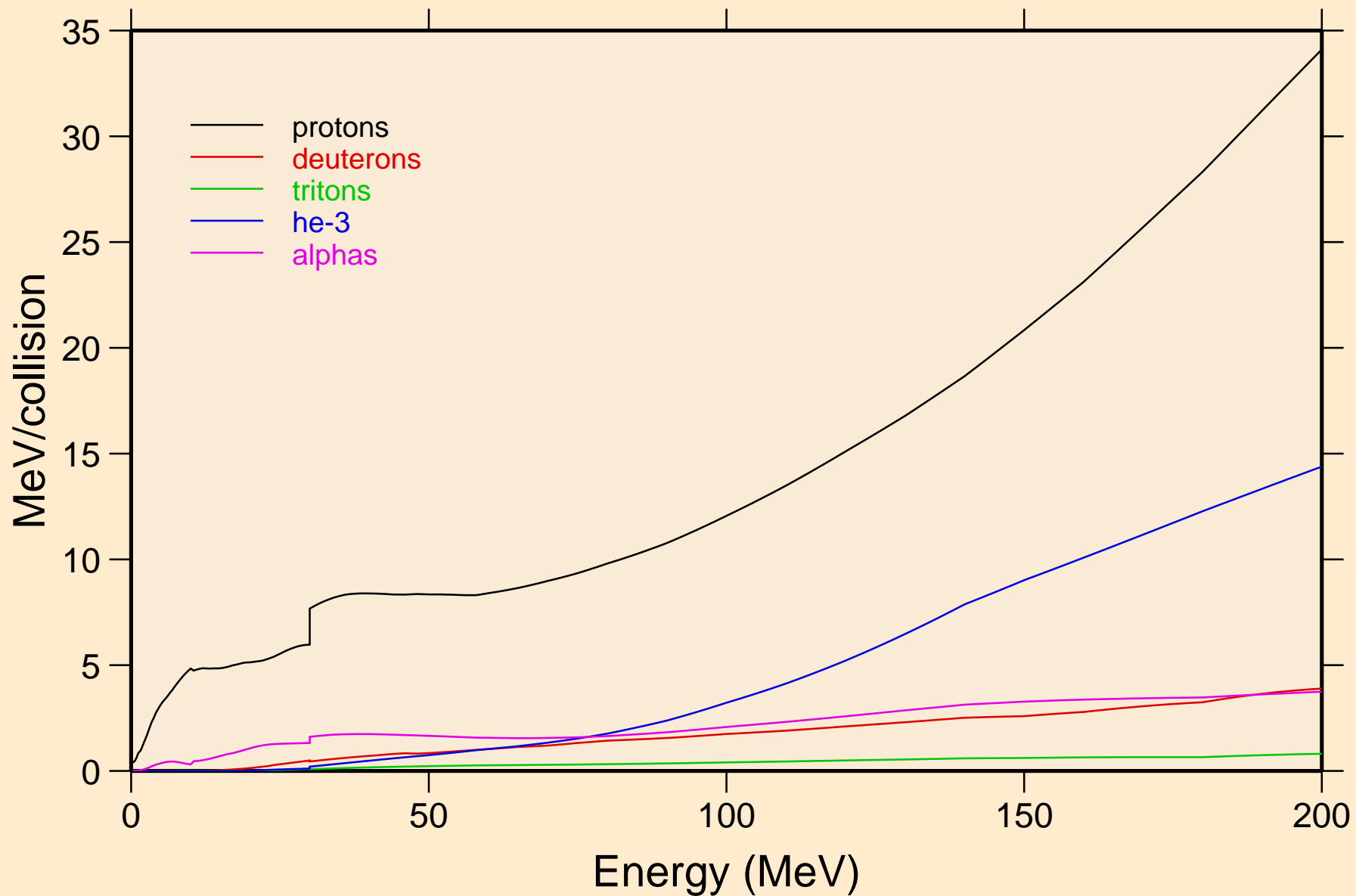


SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

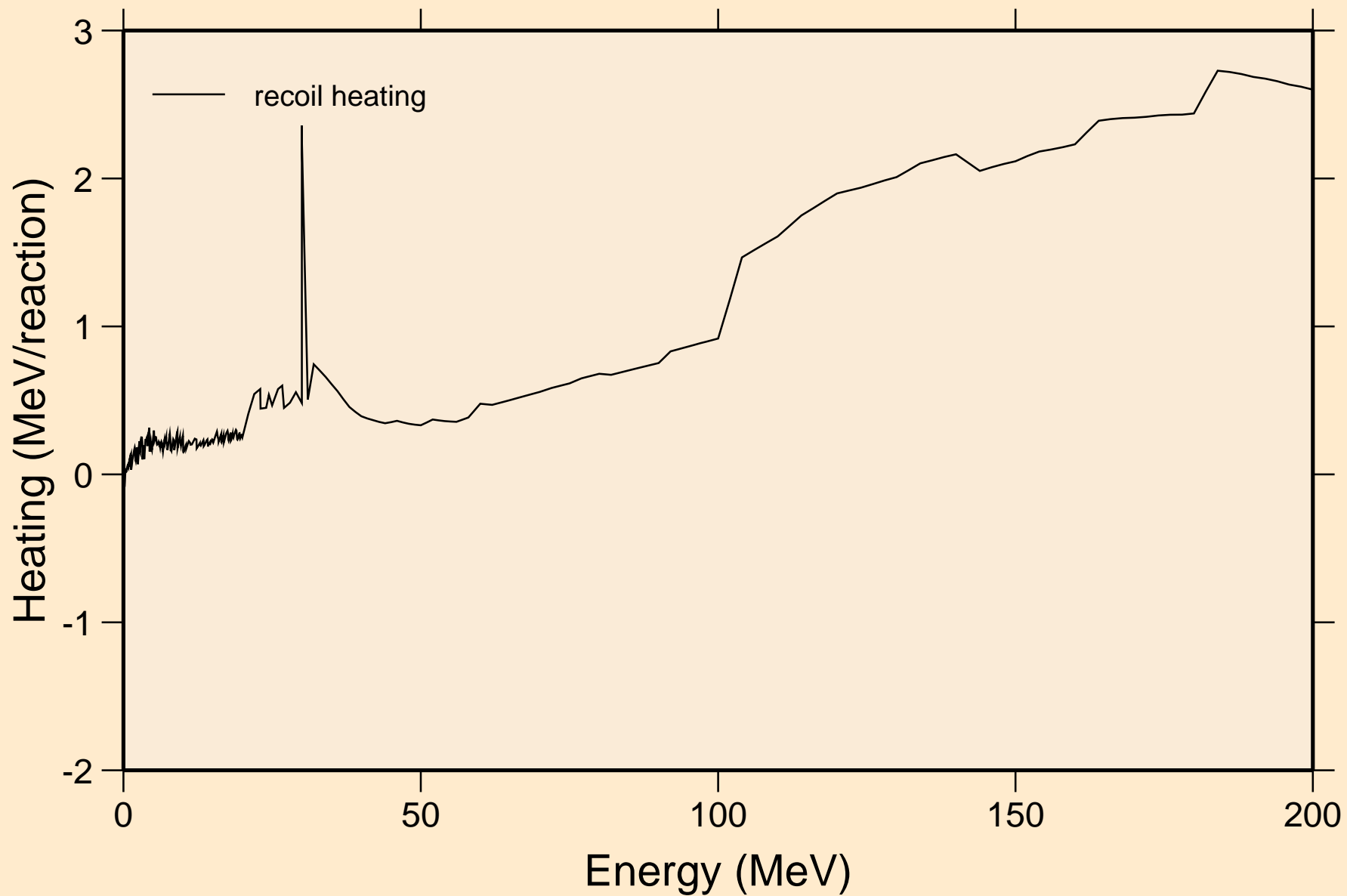


# SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Particle heating contributions

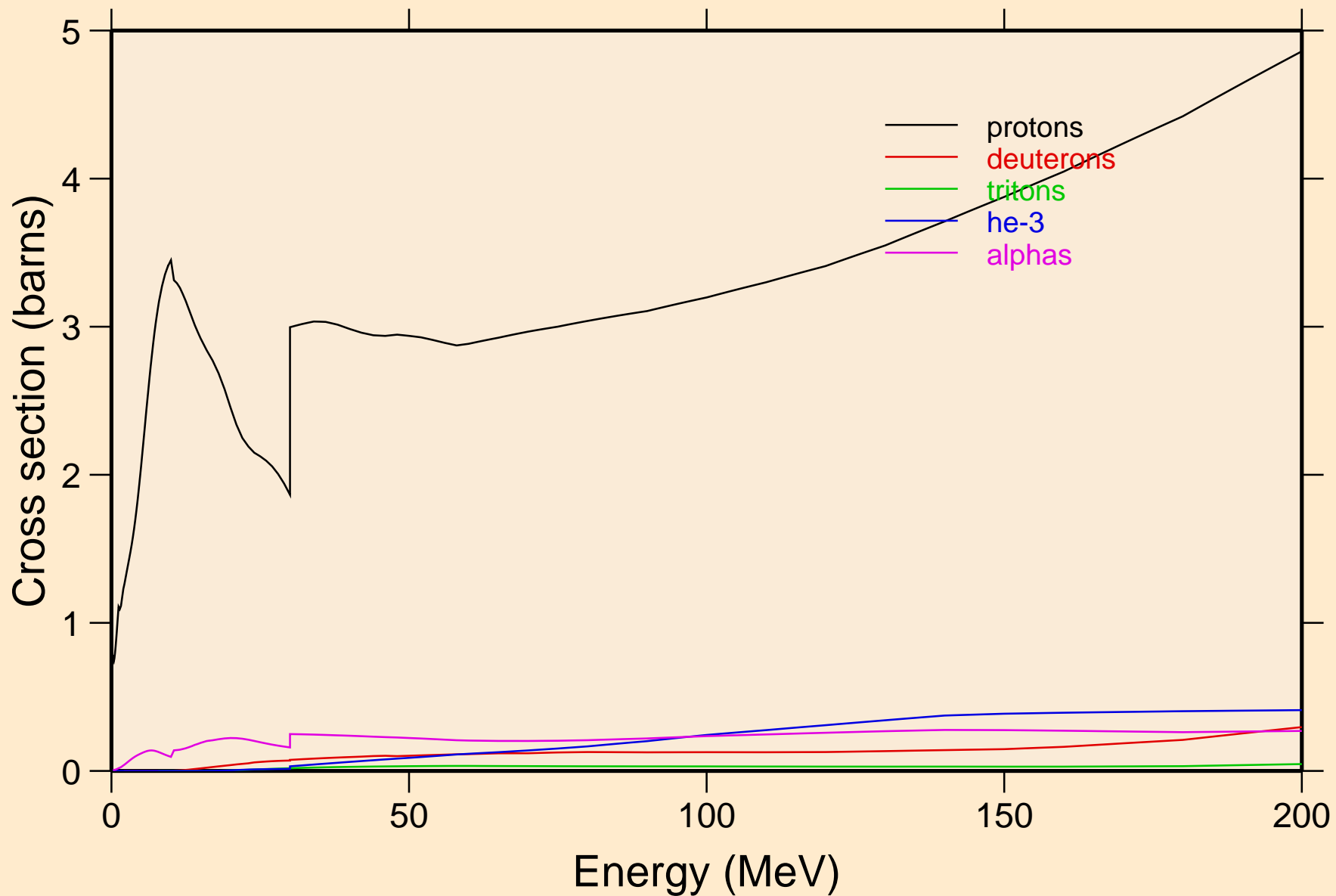


SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



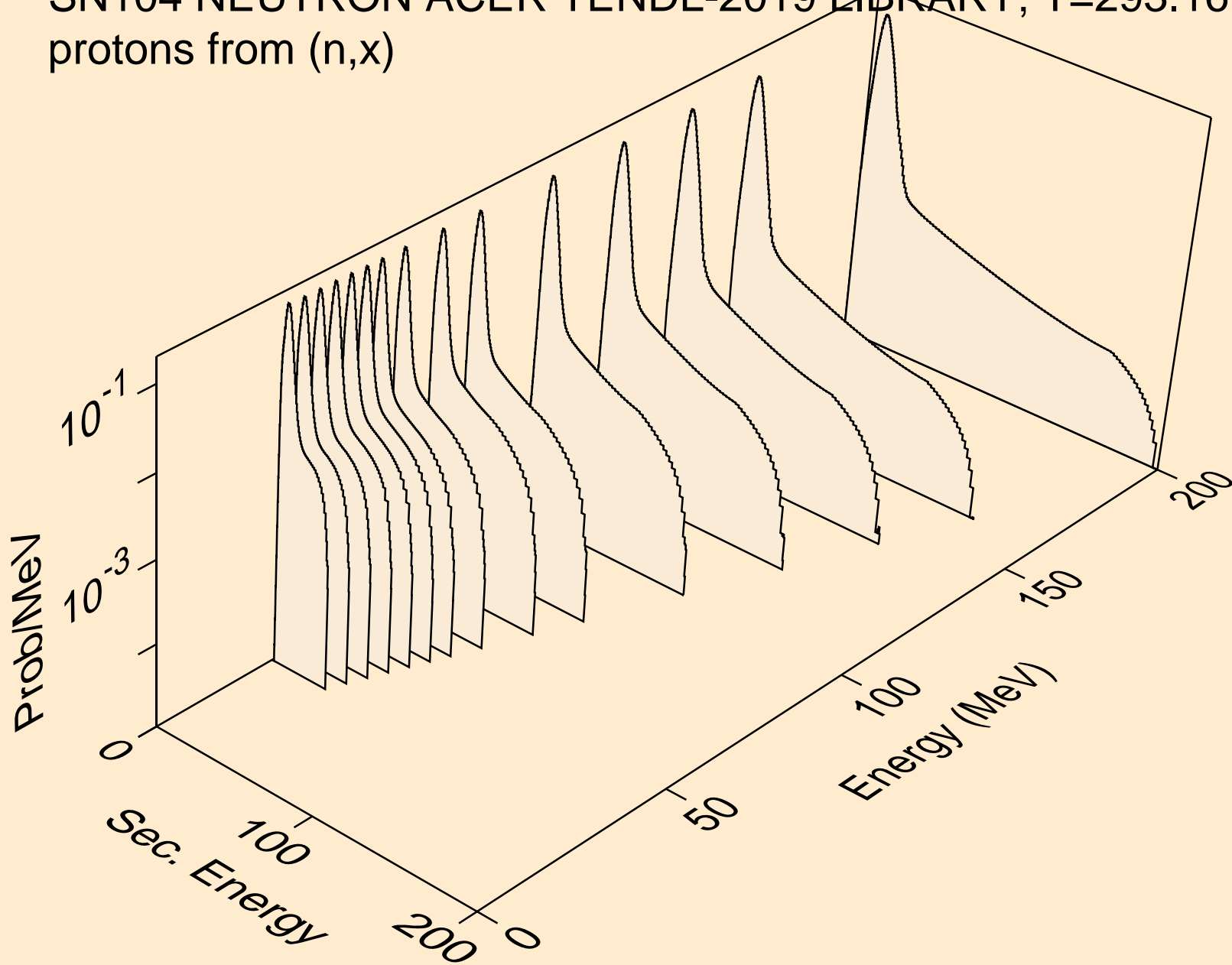
# SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Particle production cross sections

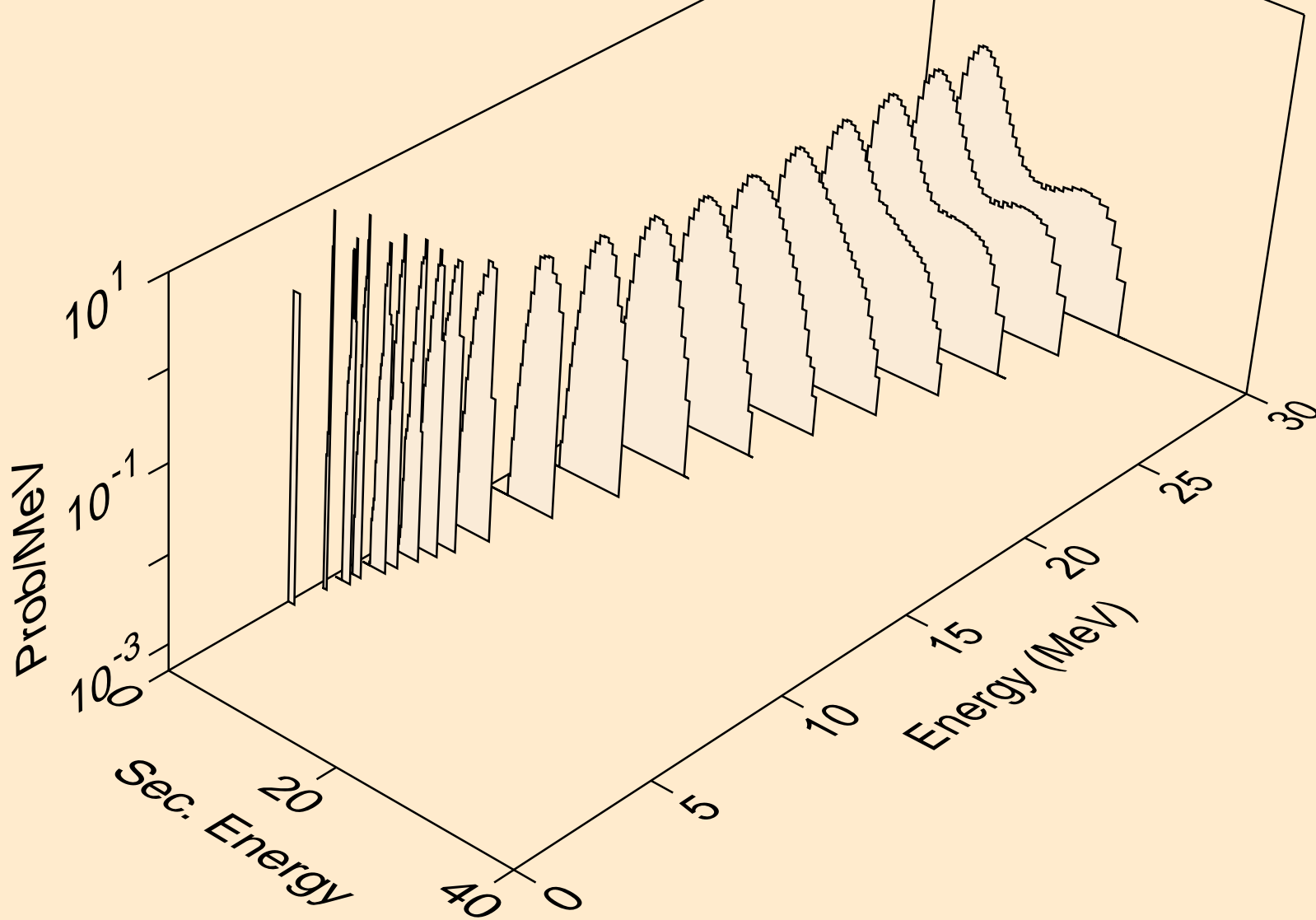




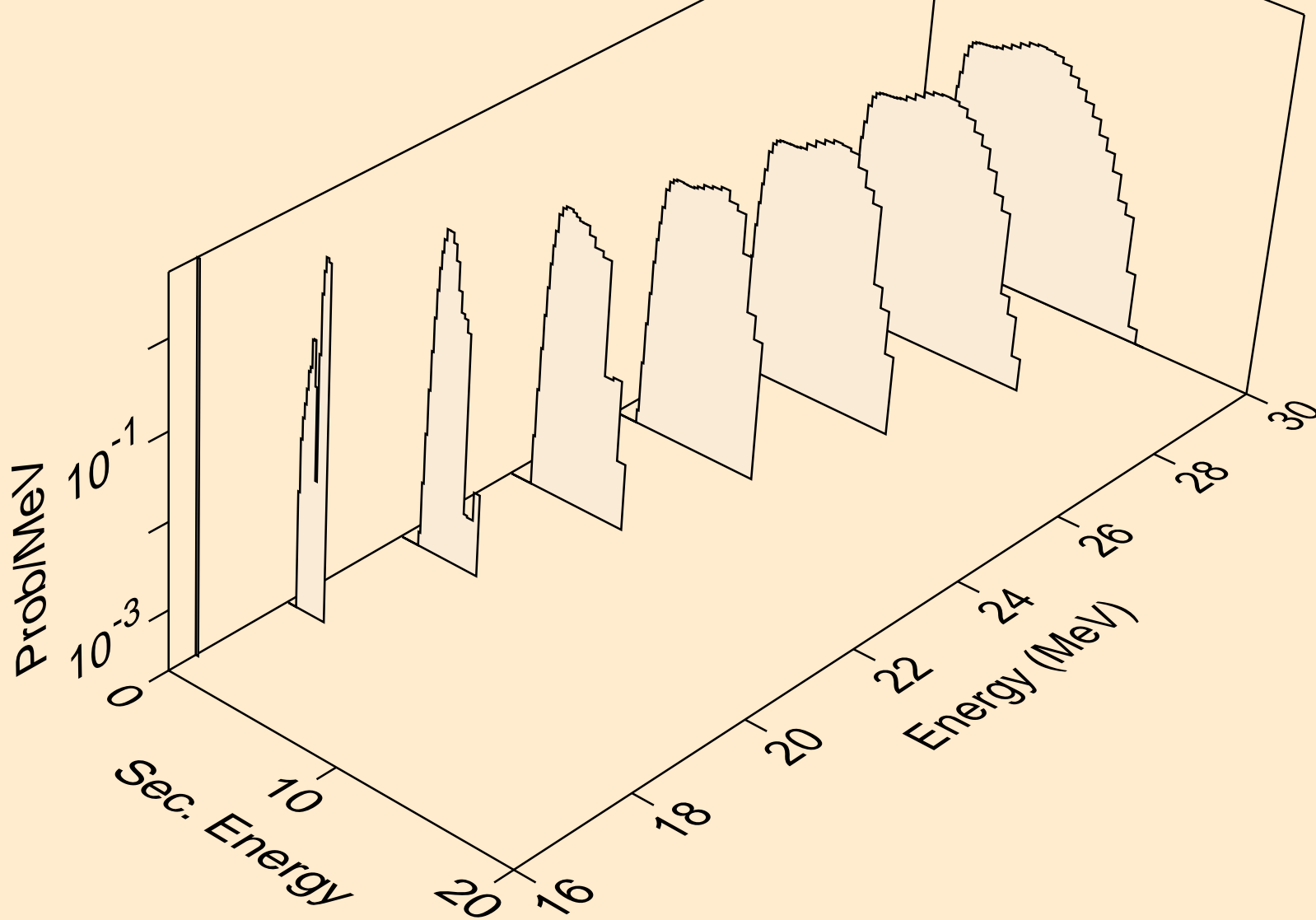
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



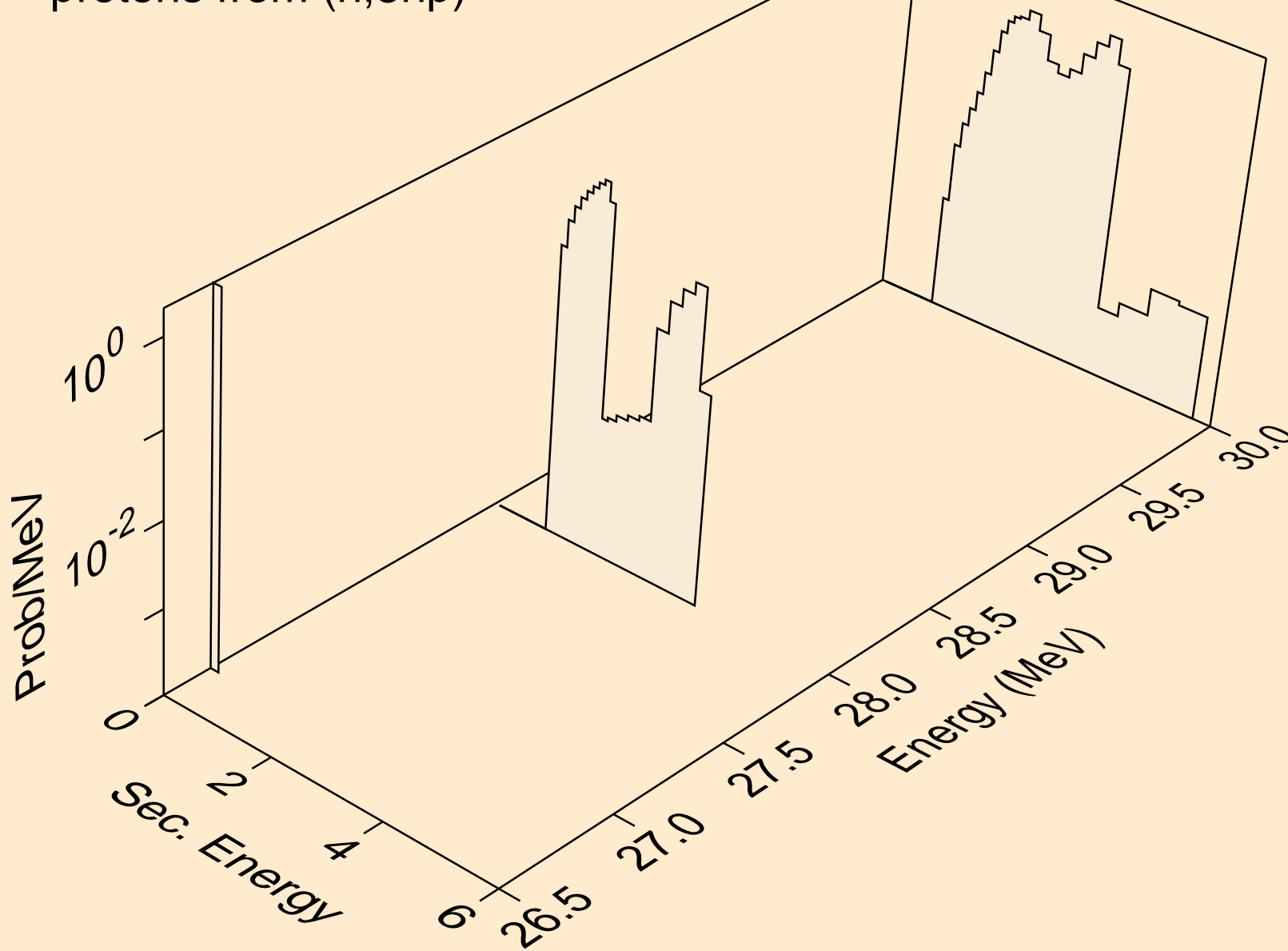
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



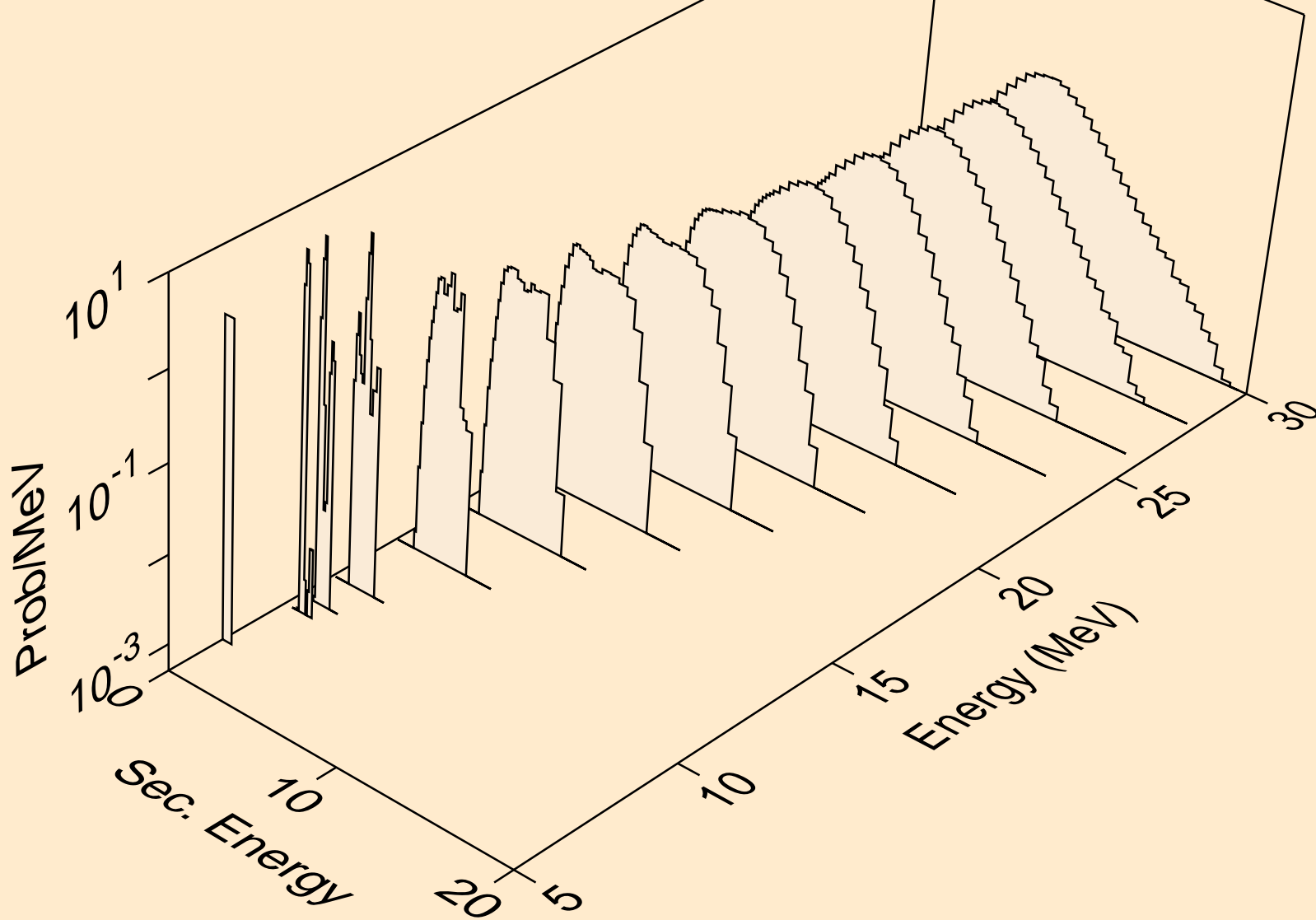
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



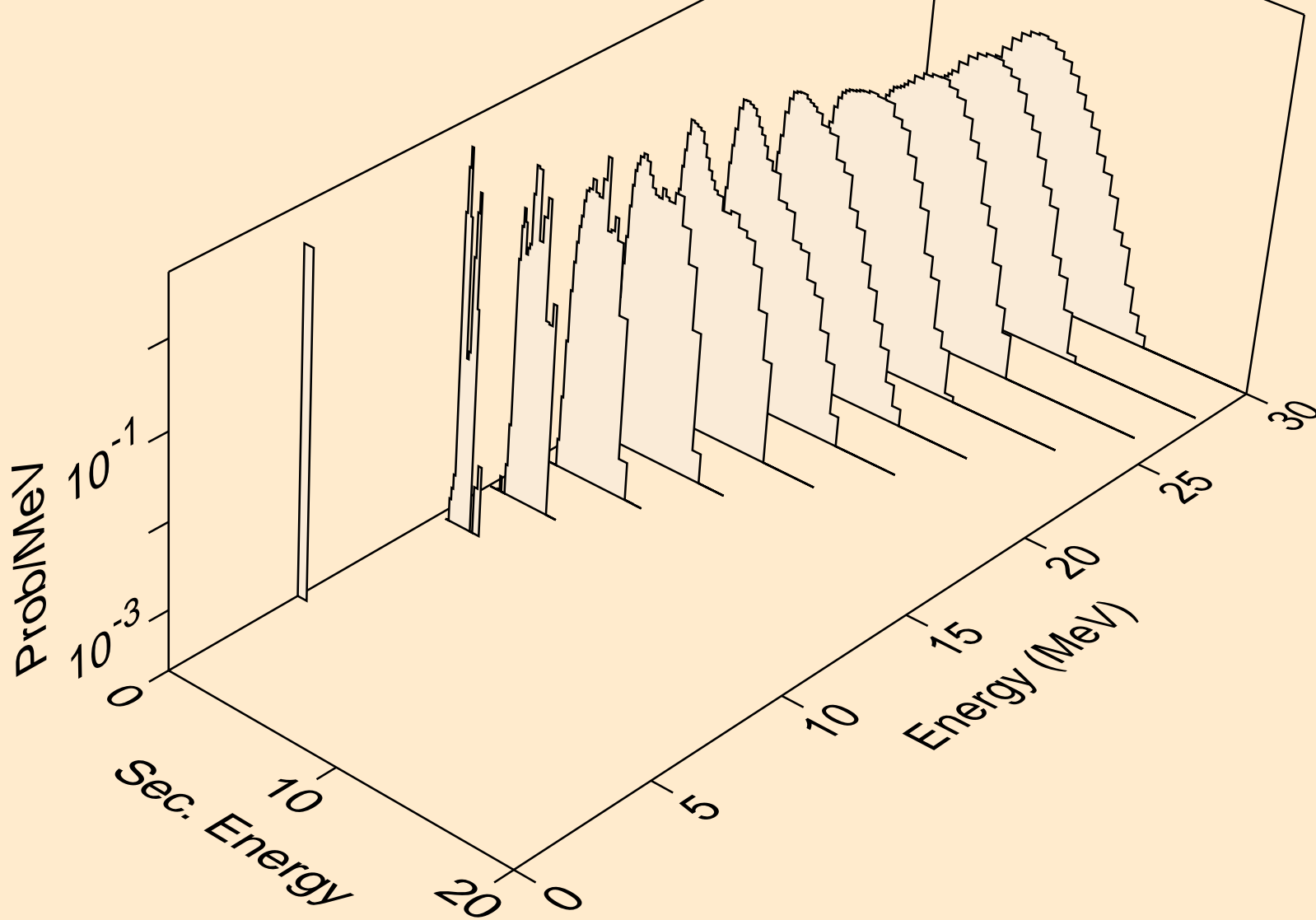
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
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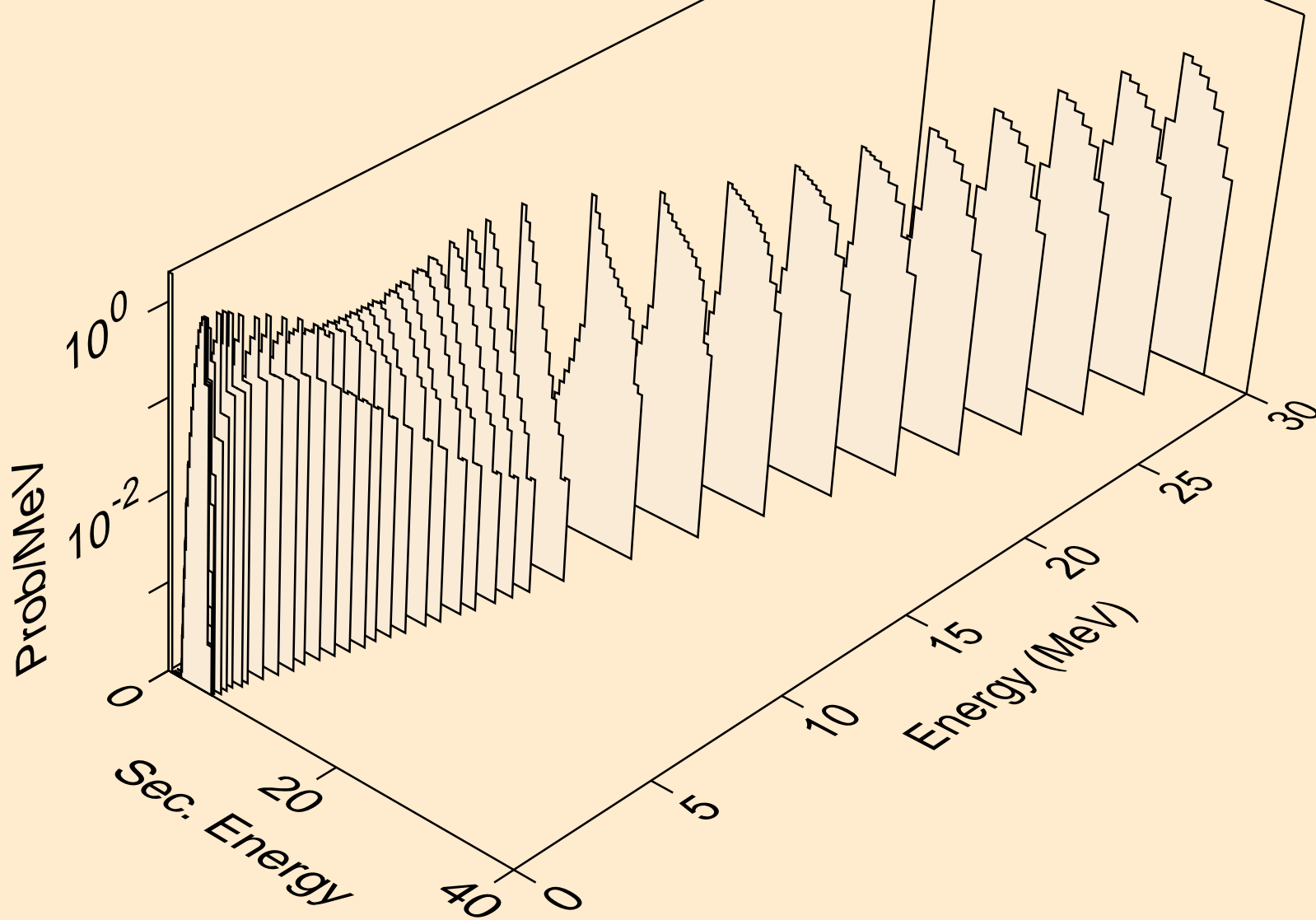
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
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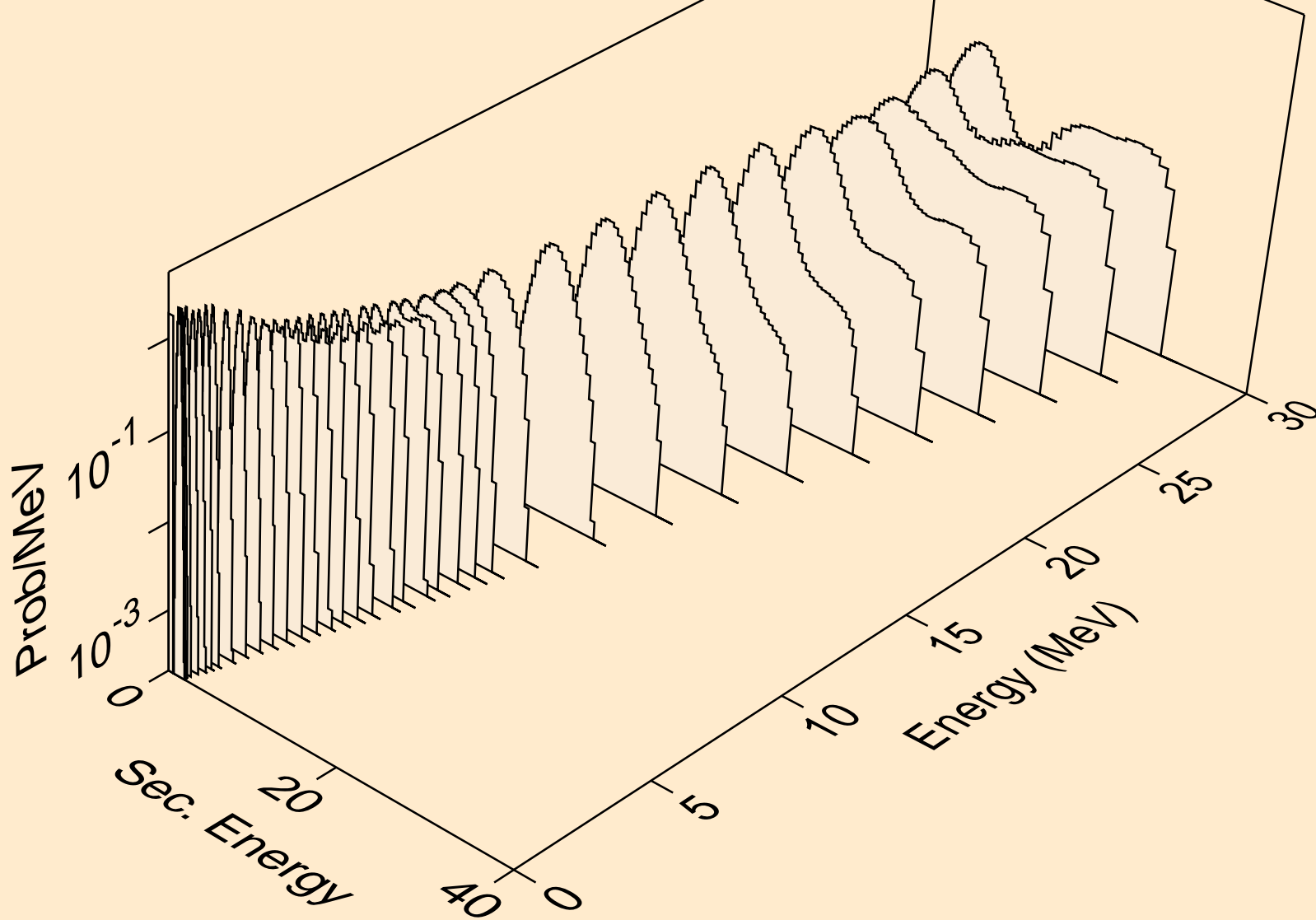
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,npa)



SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)

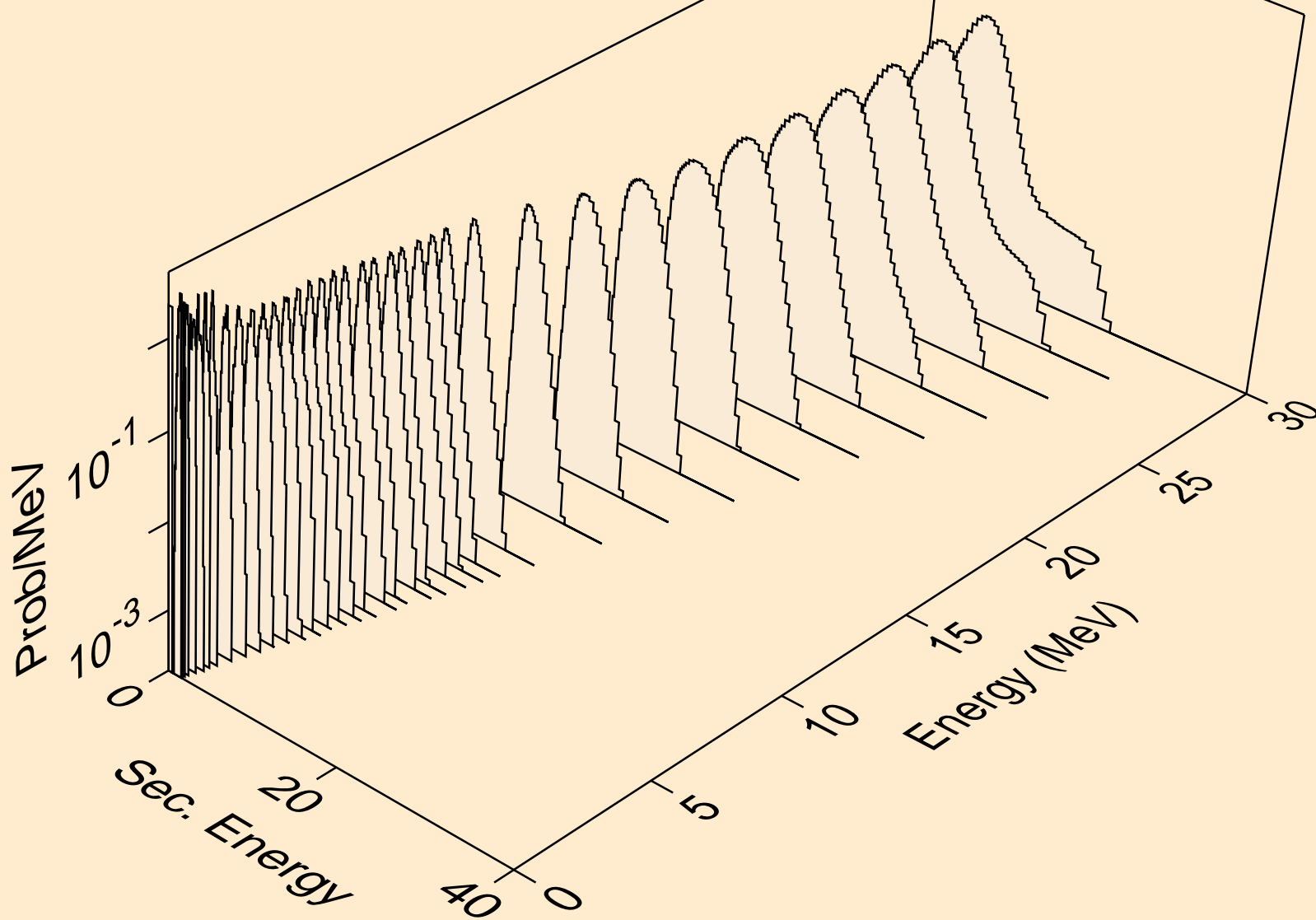


SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
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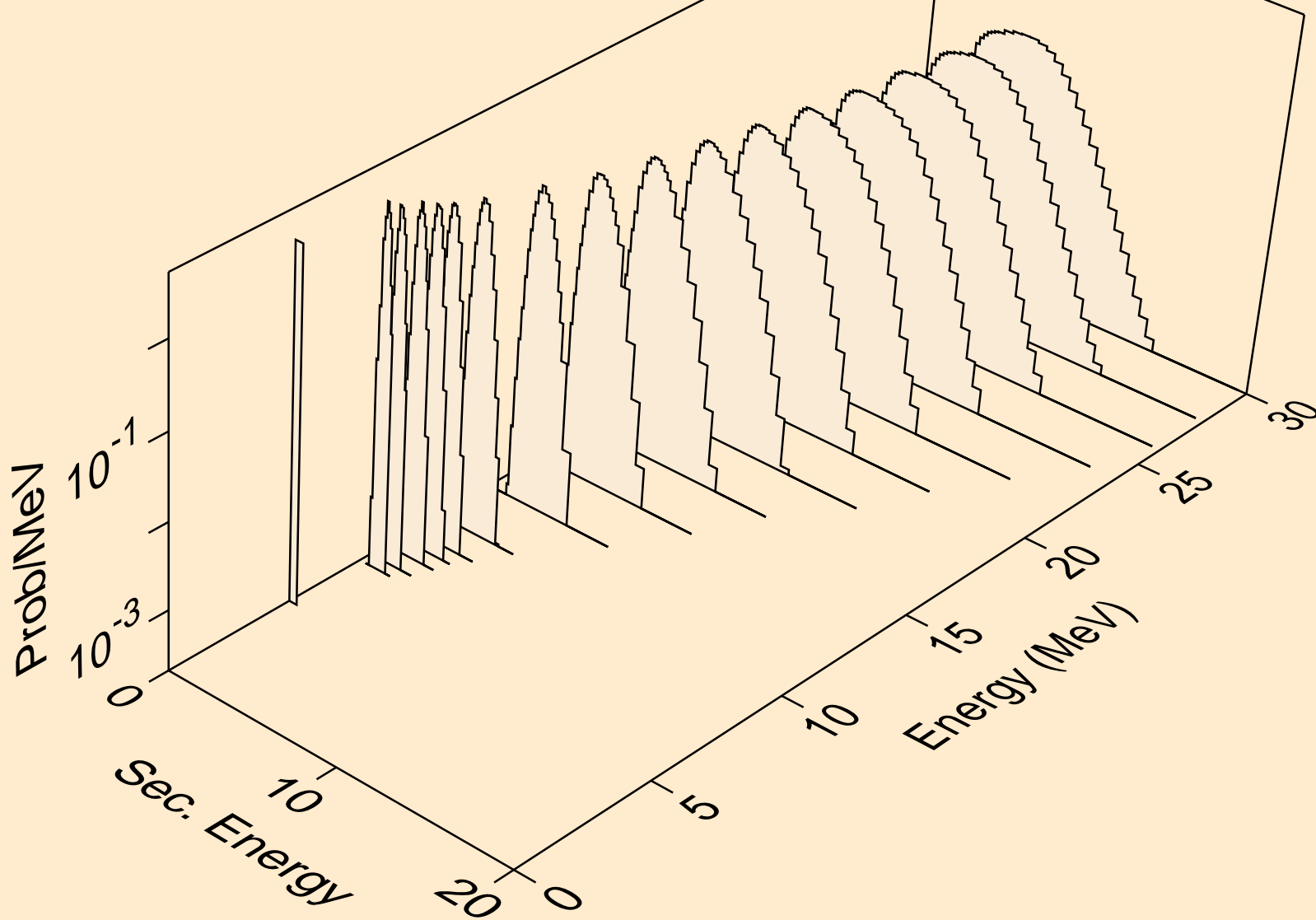




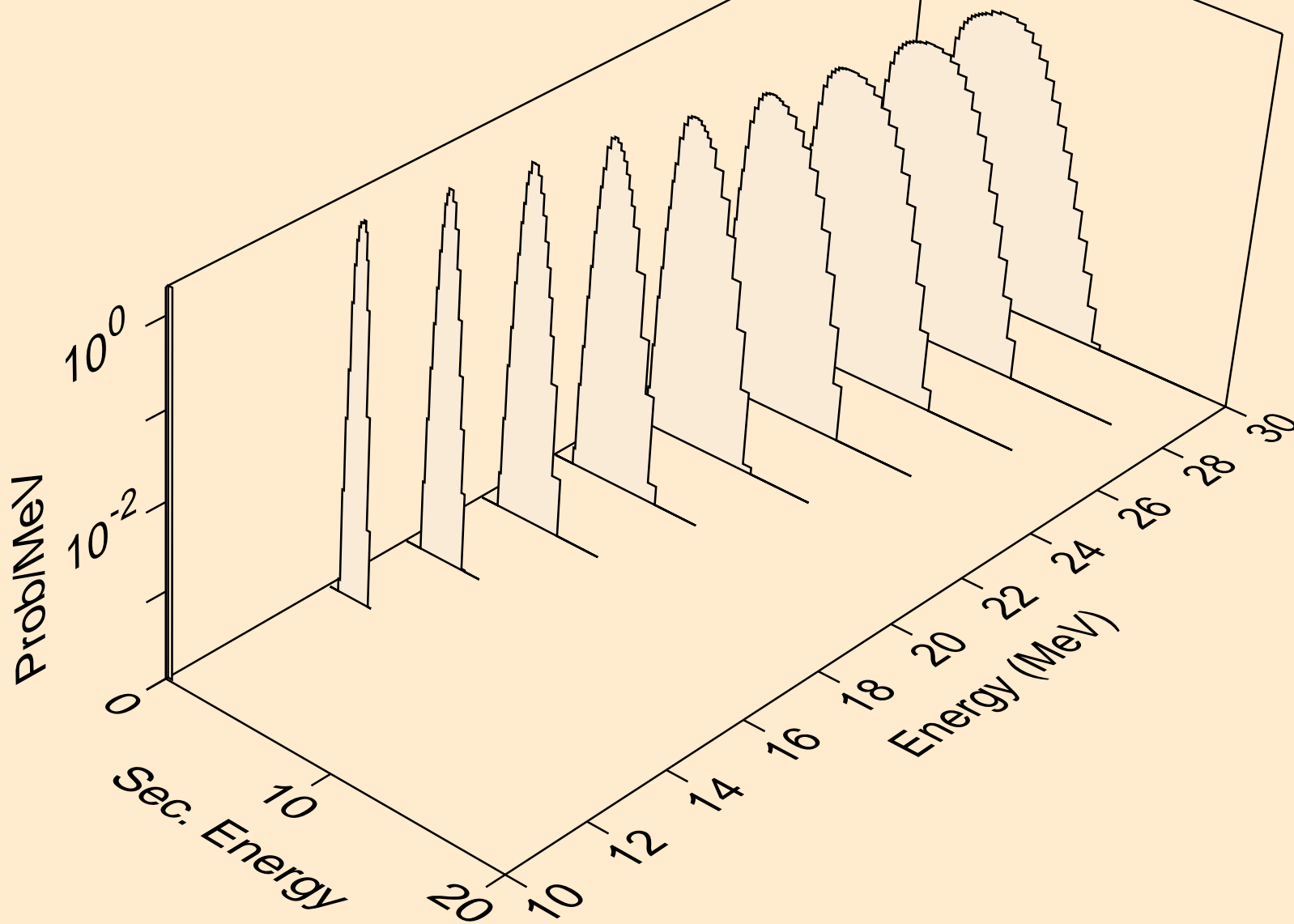
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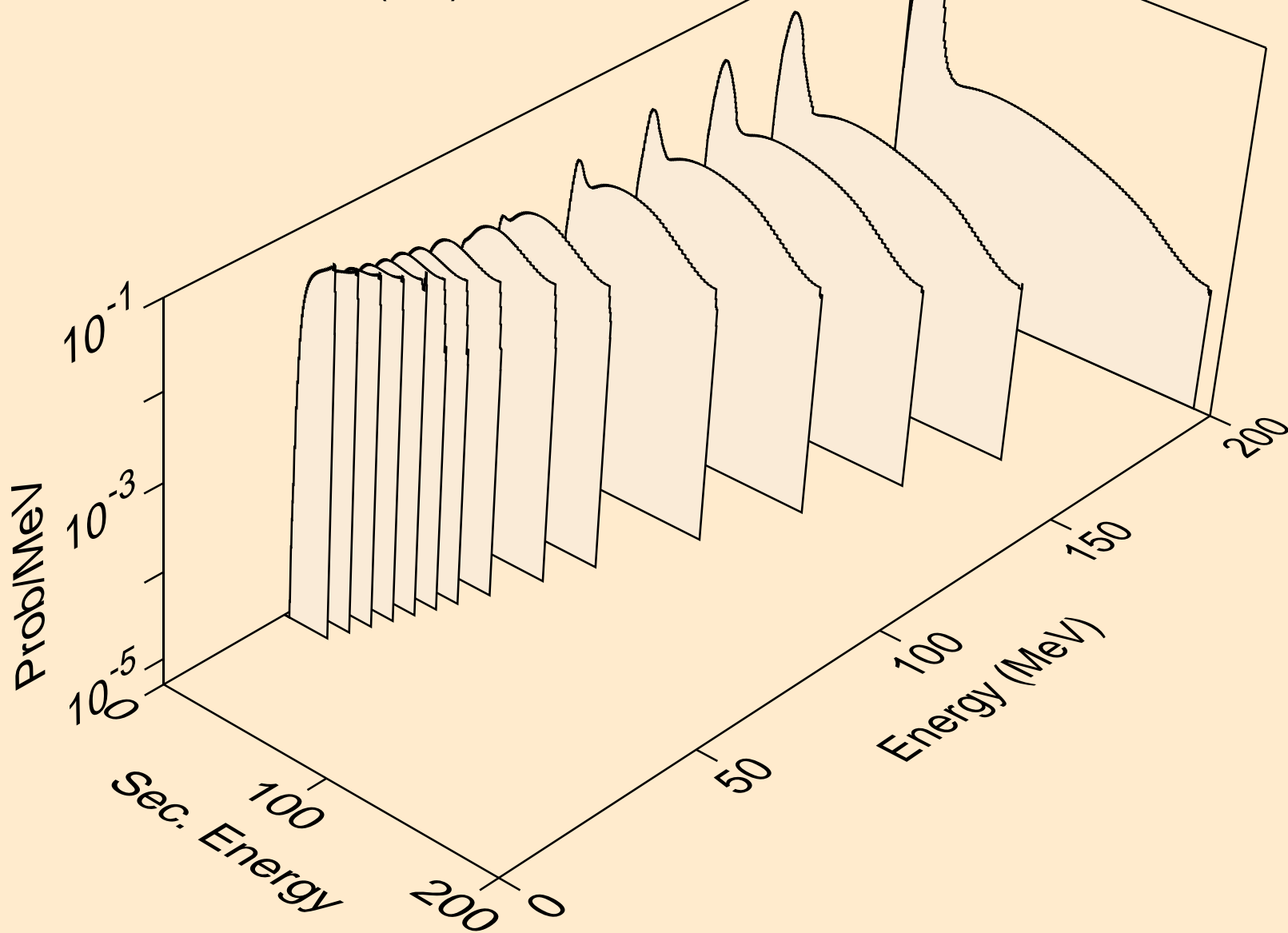
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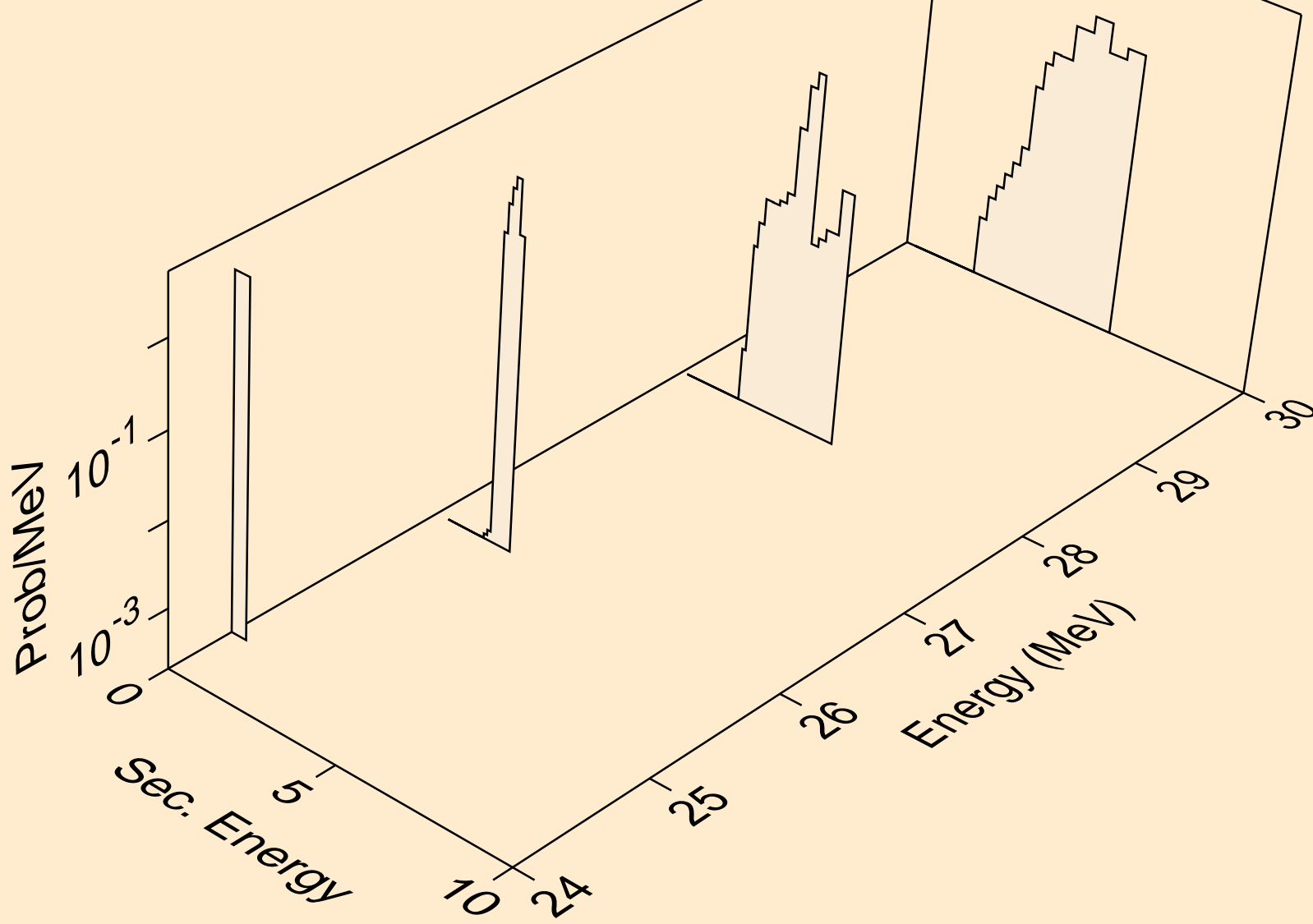
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protons from (n,pt)



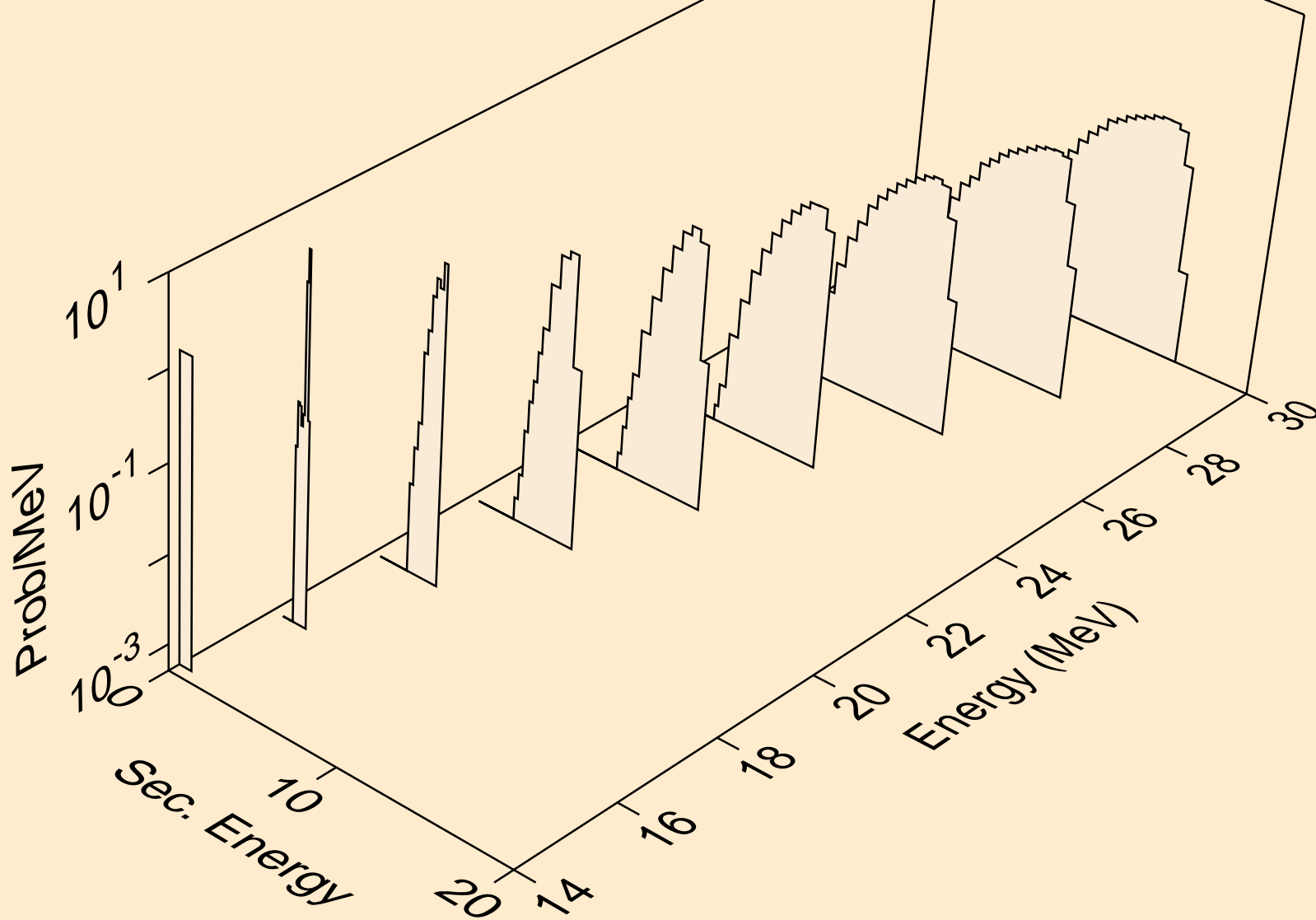
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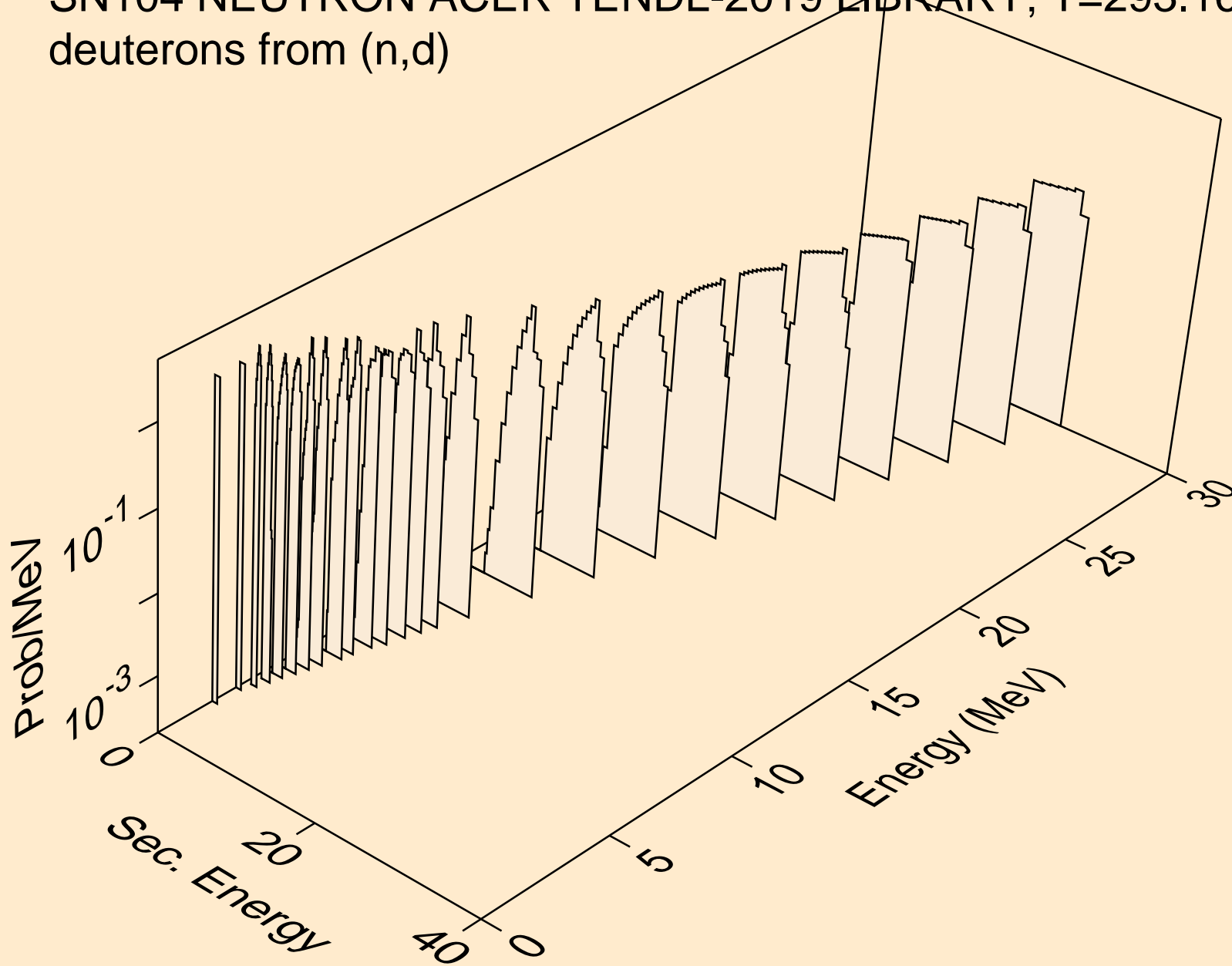
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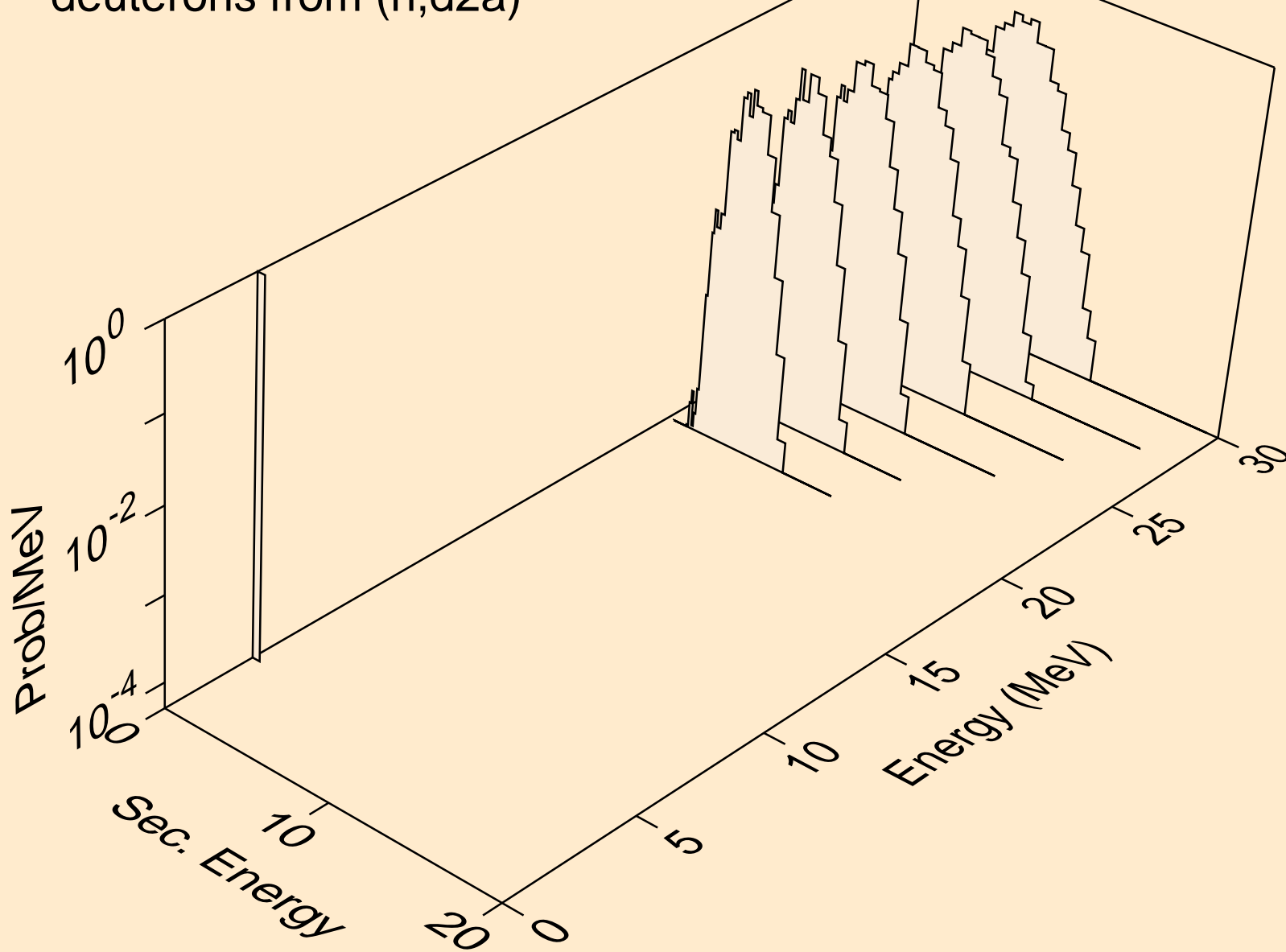
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)

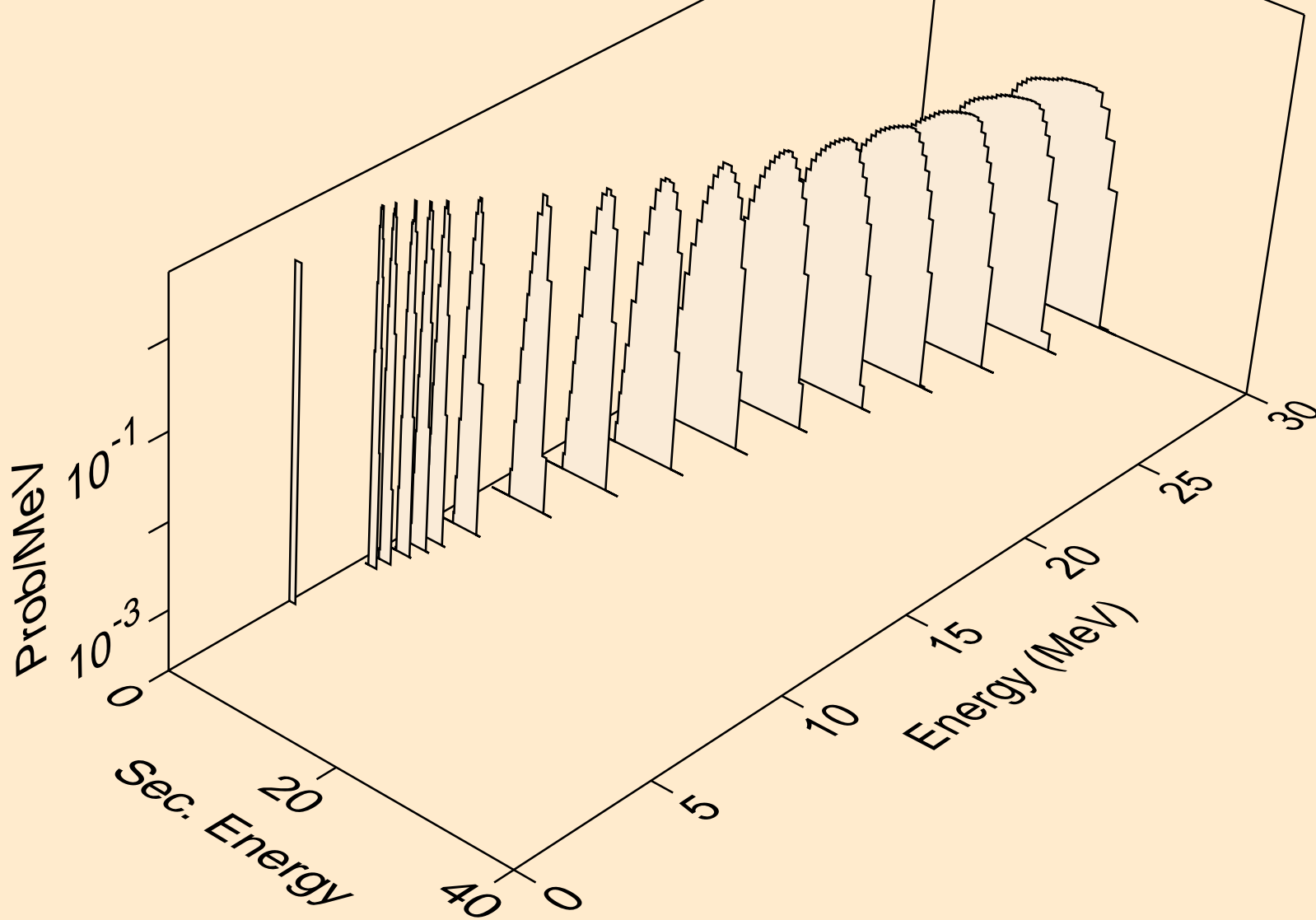


SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d2a)

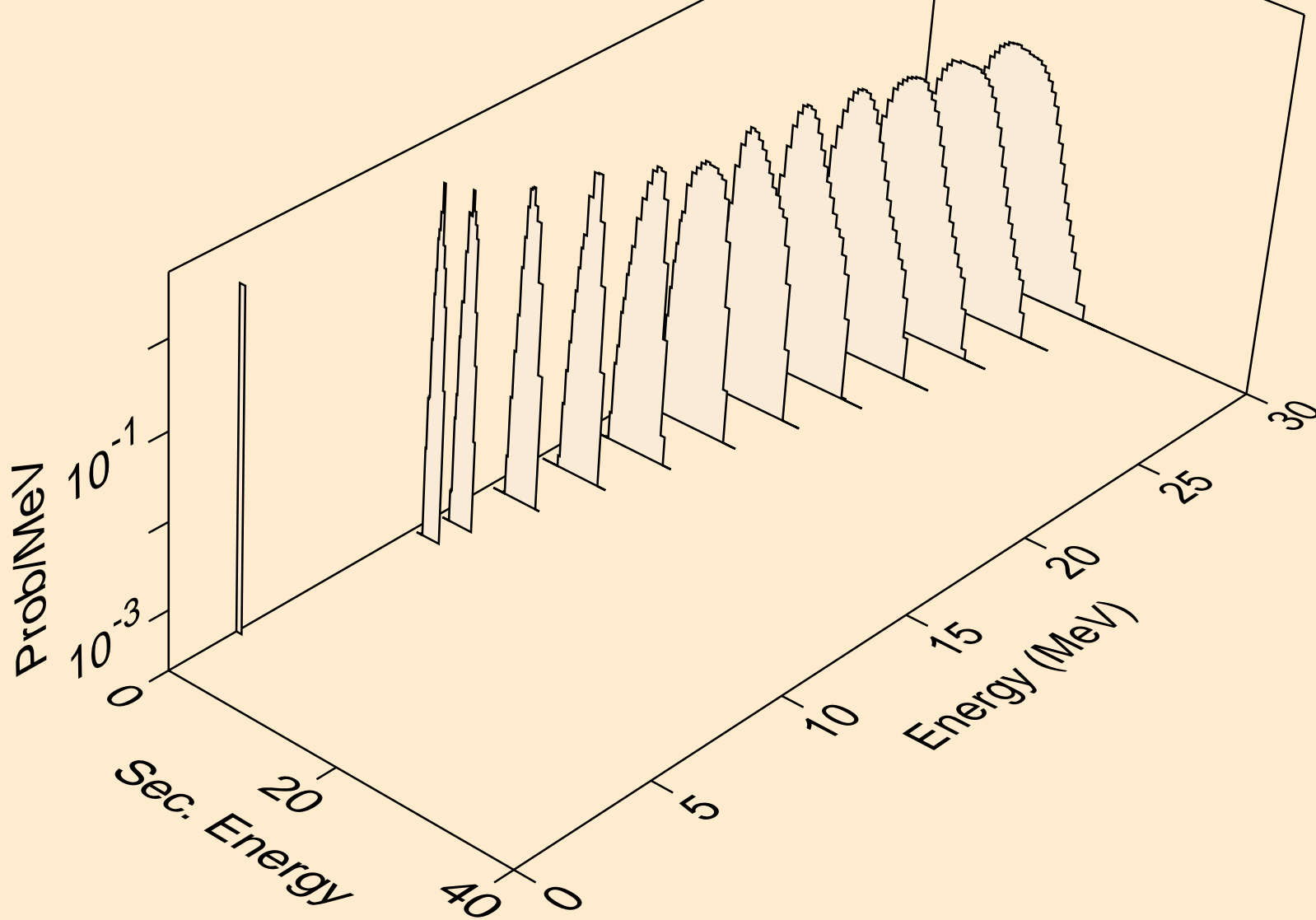




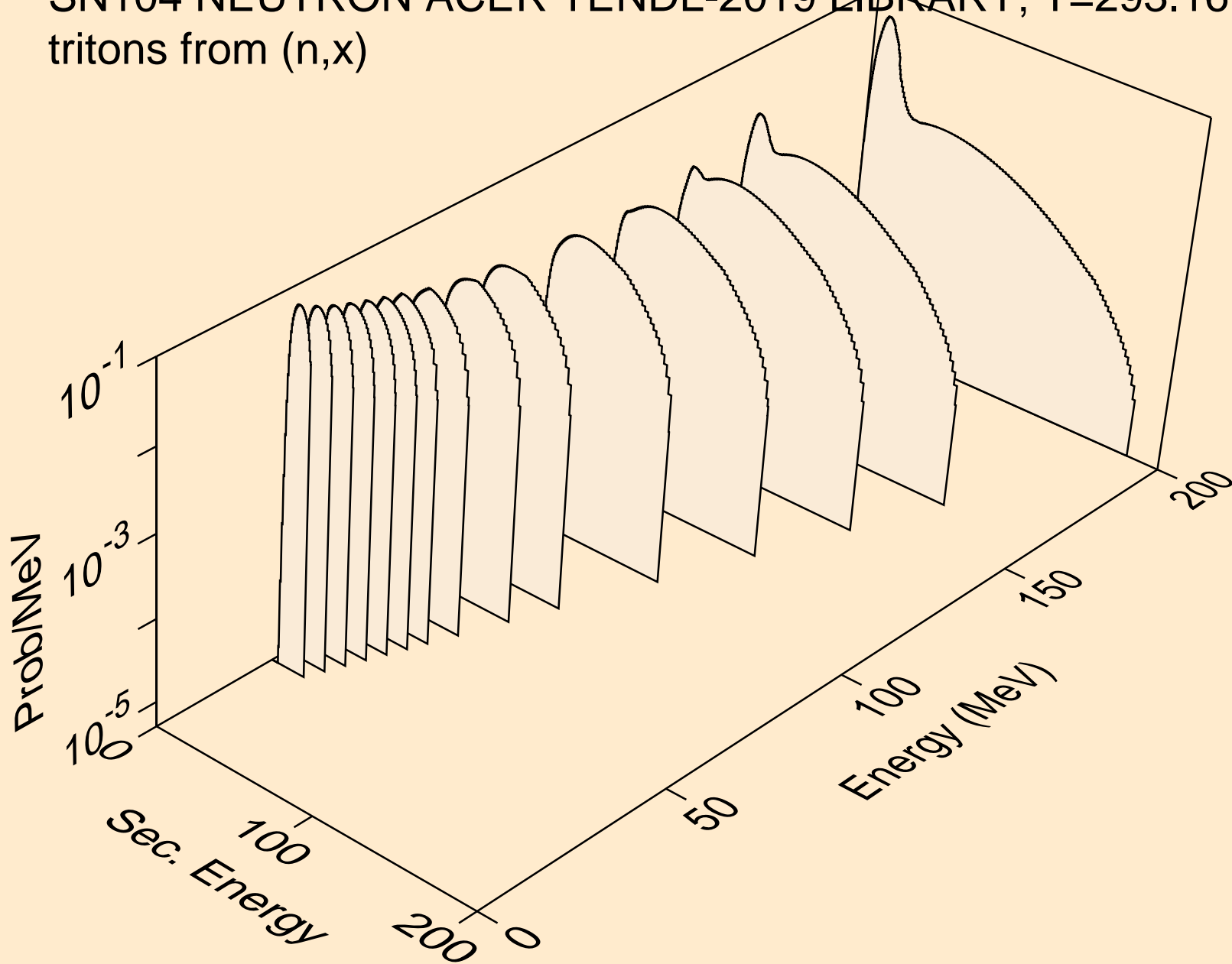
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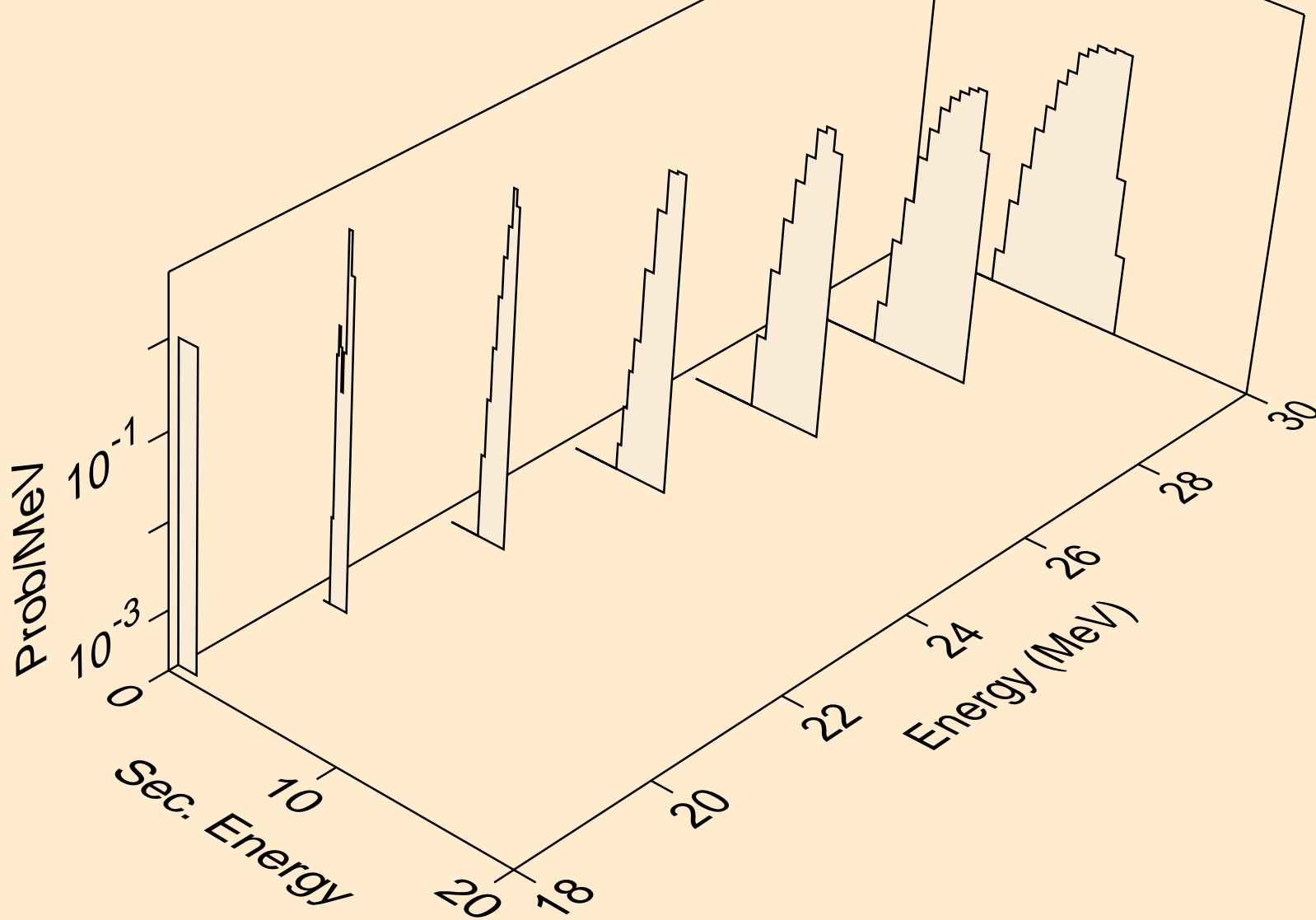
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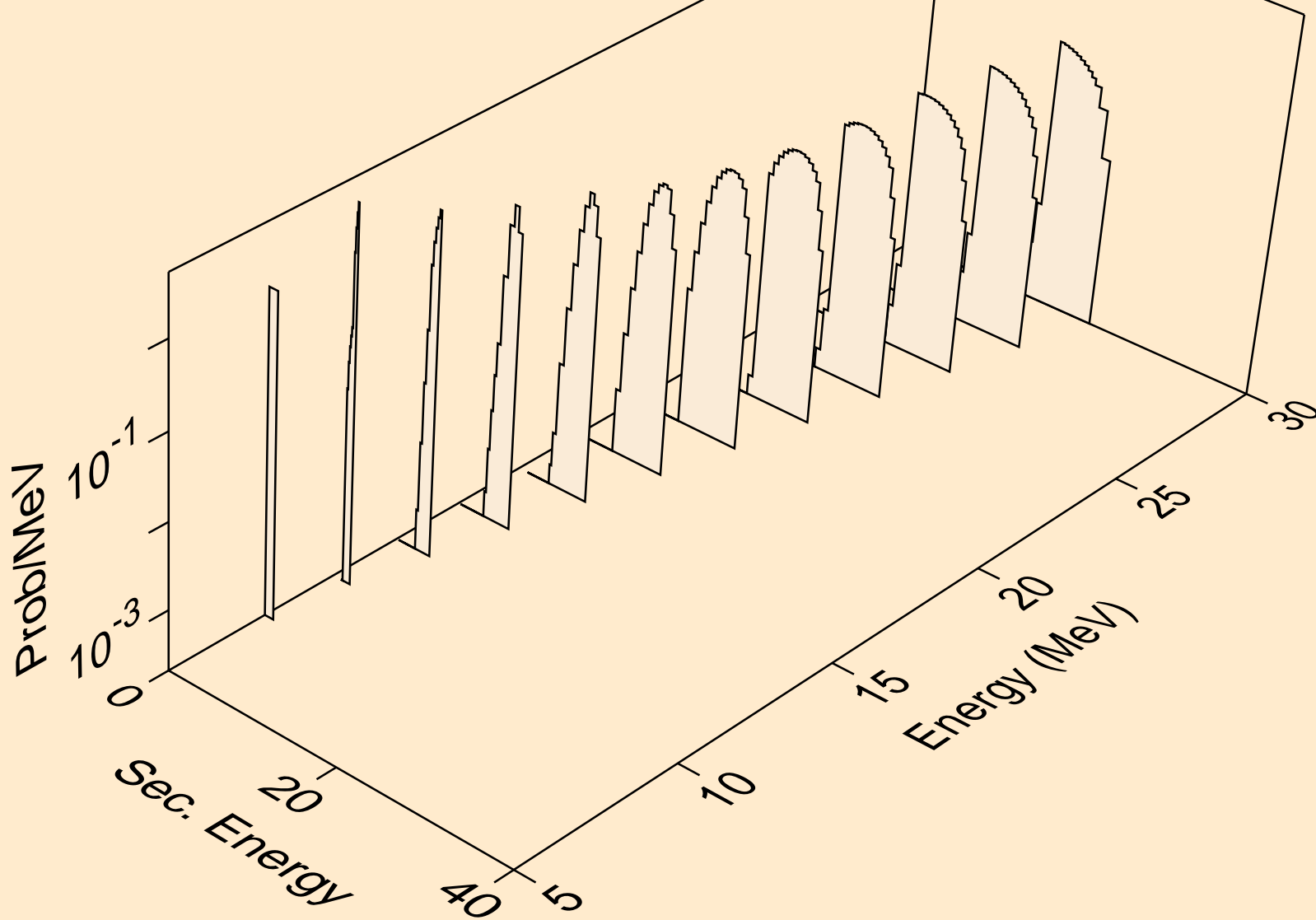
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
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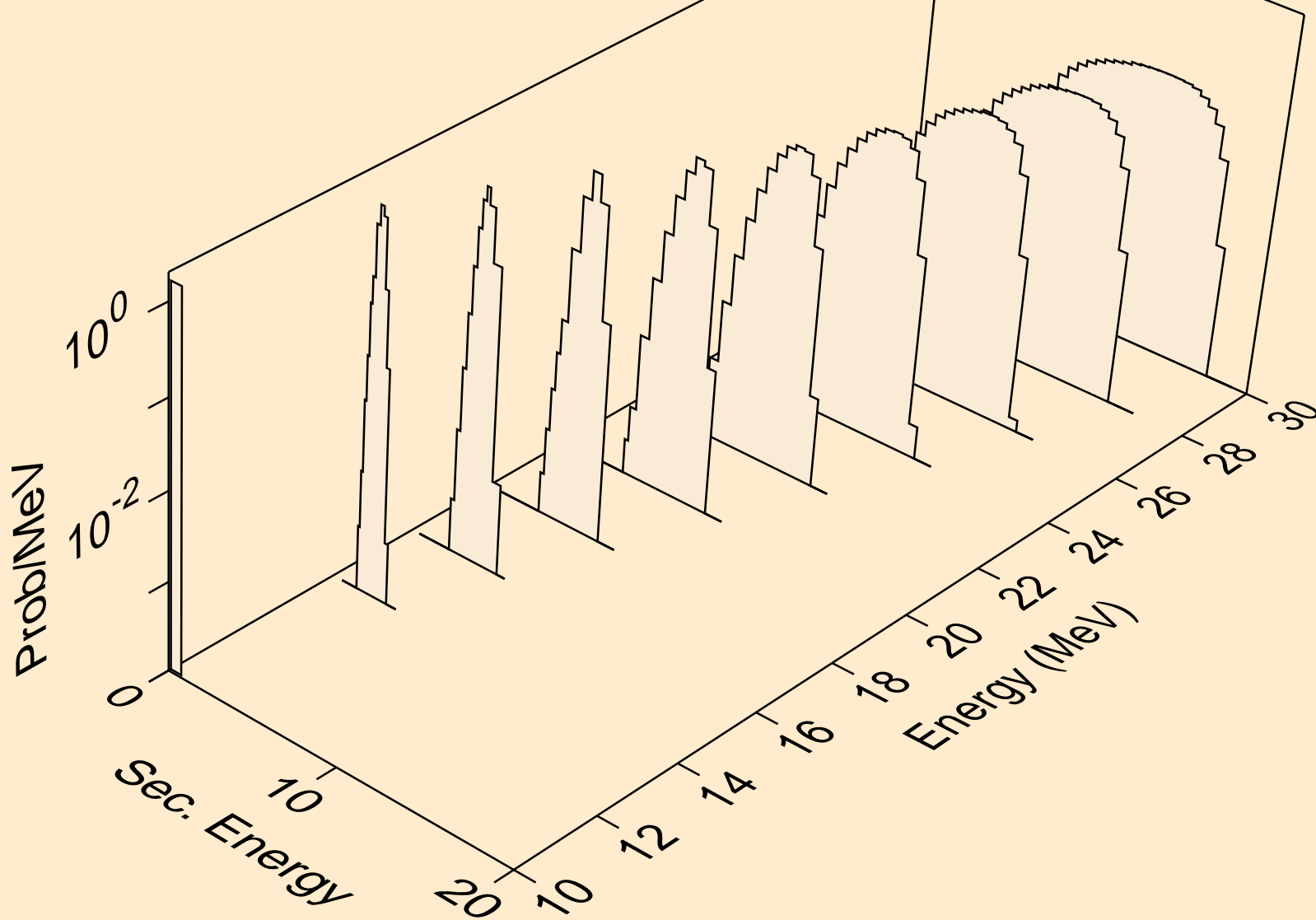
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
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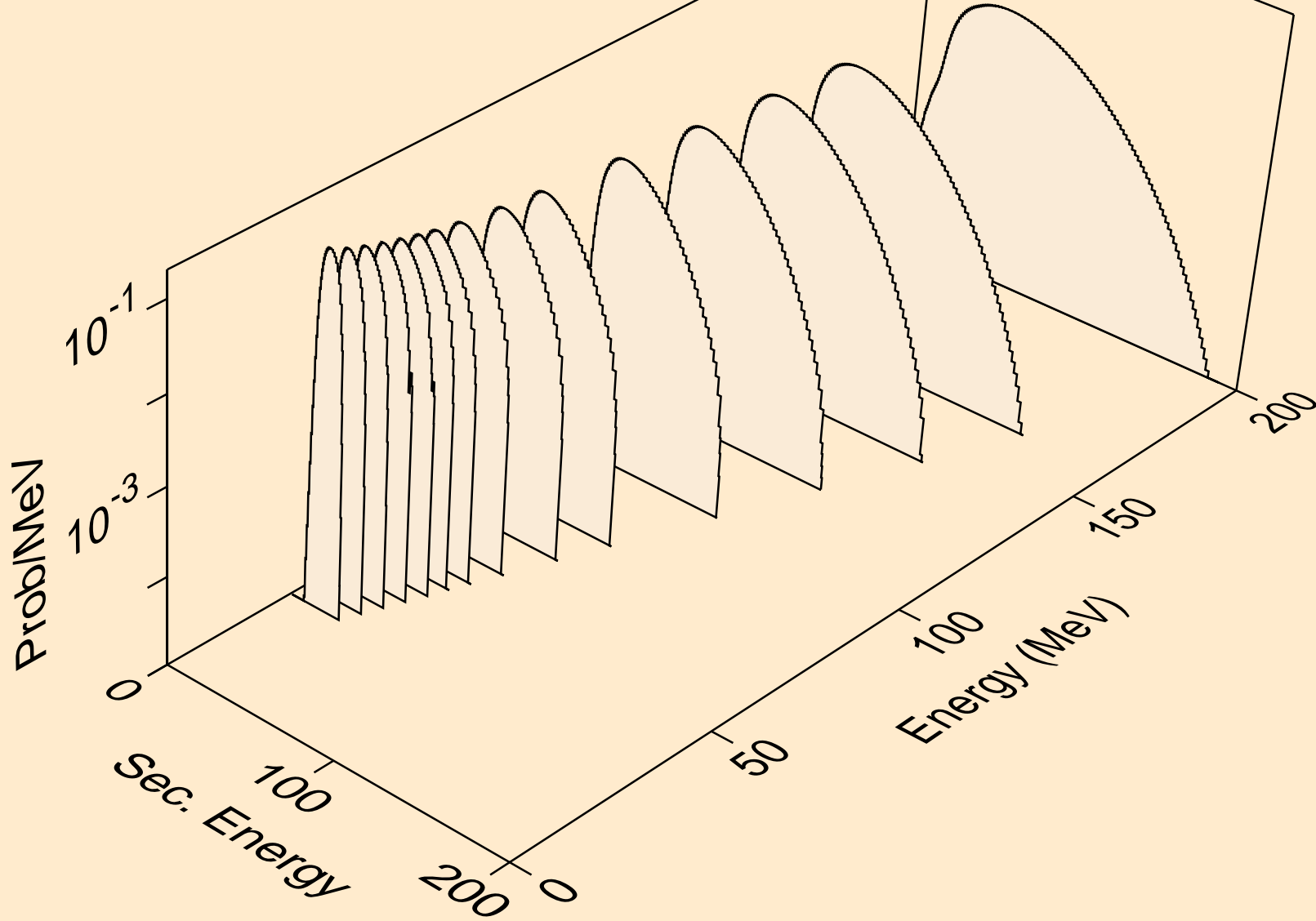
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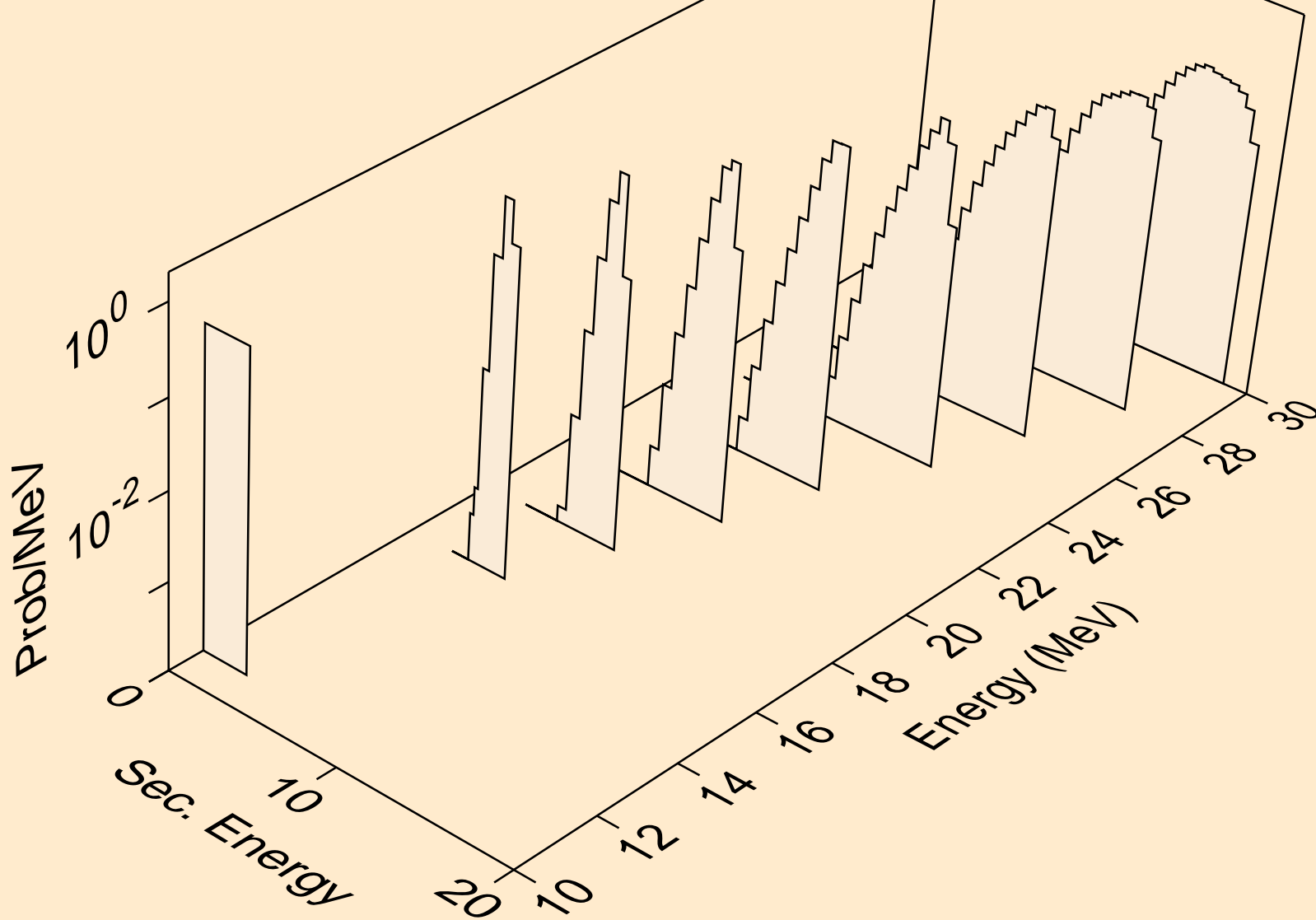
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
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SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)

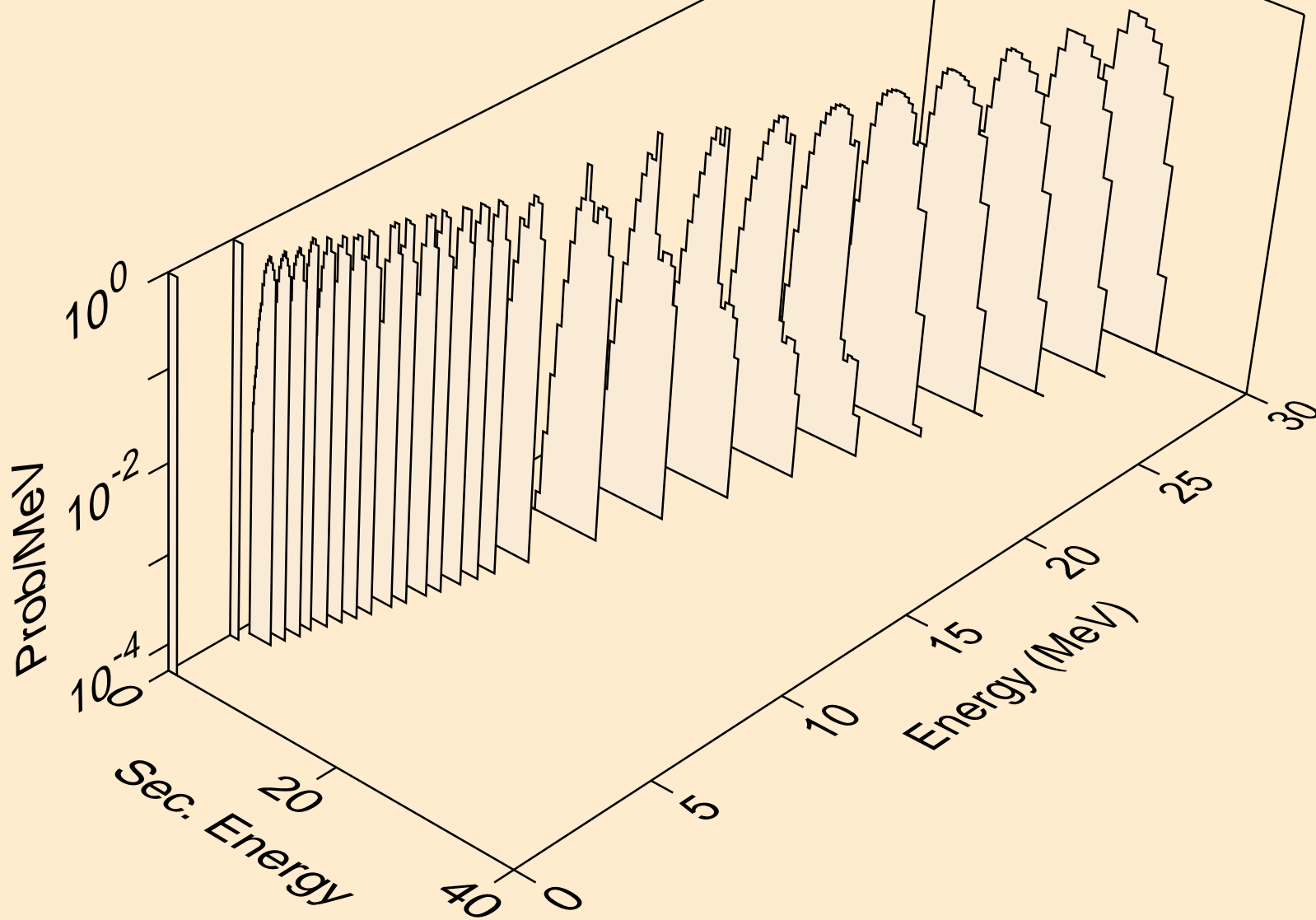


SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
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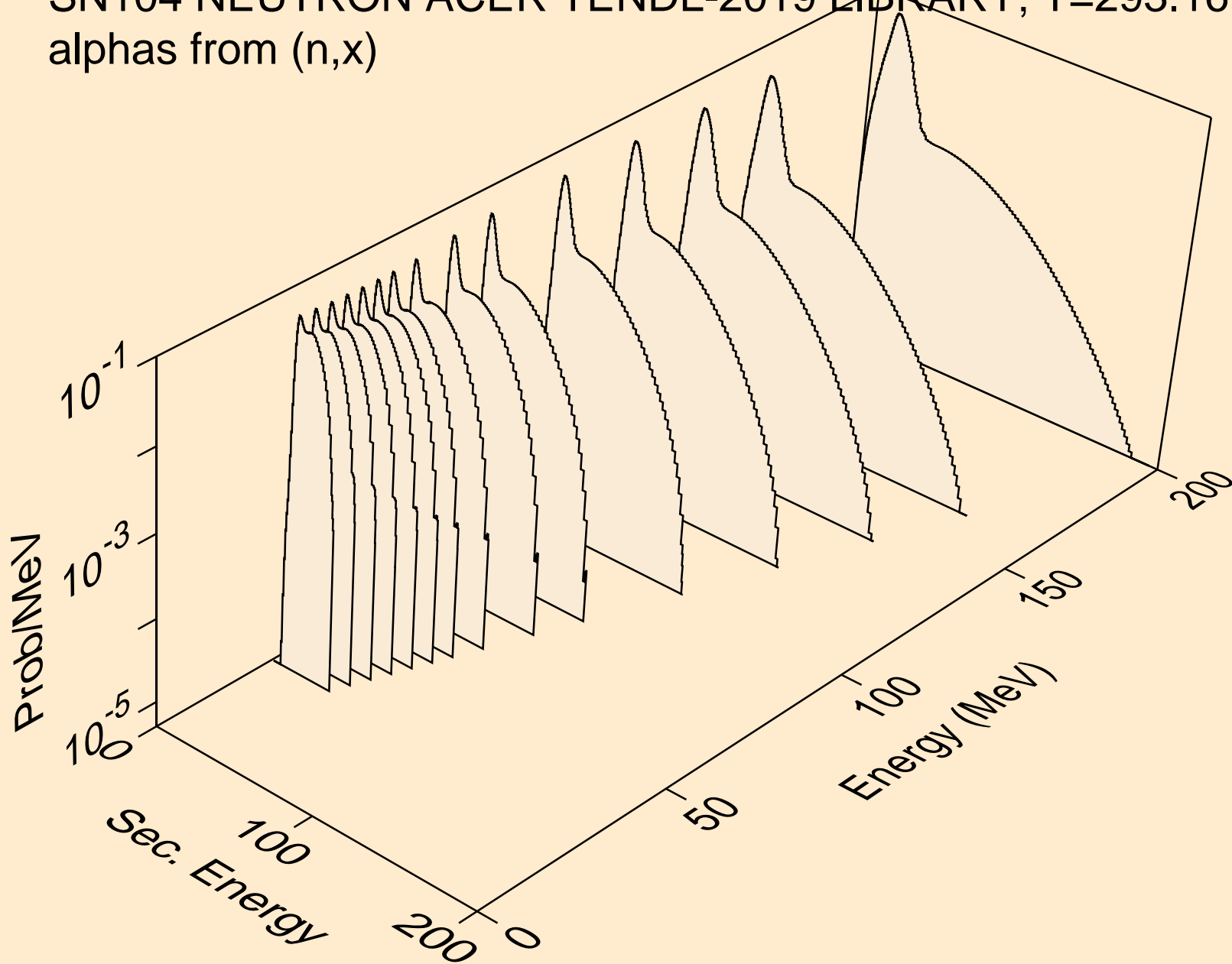




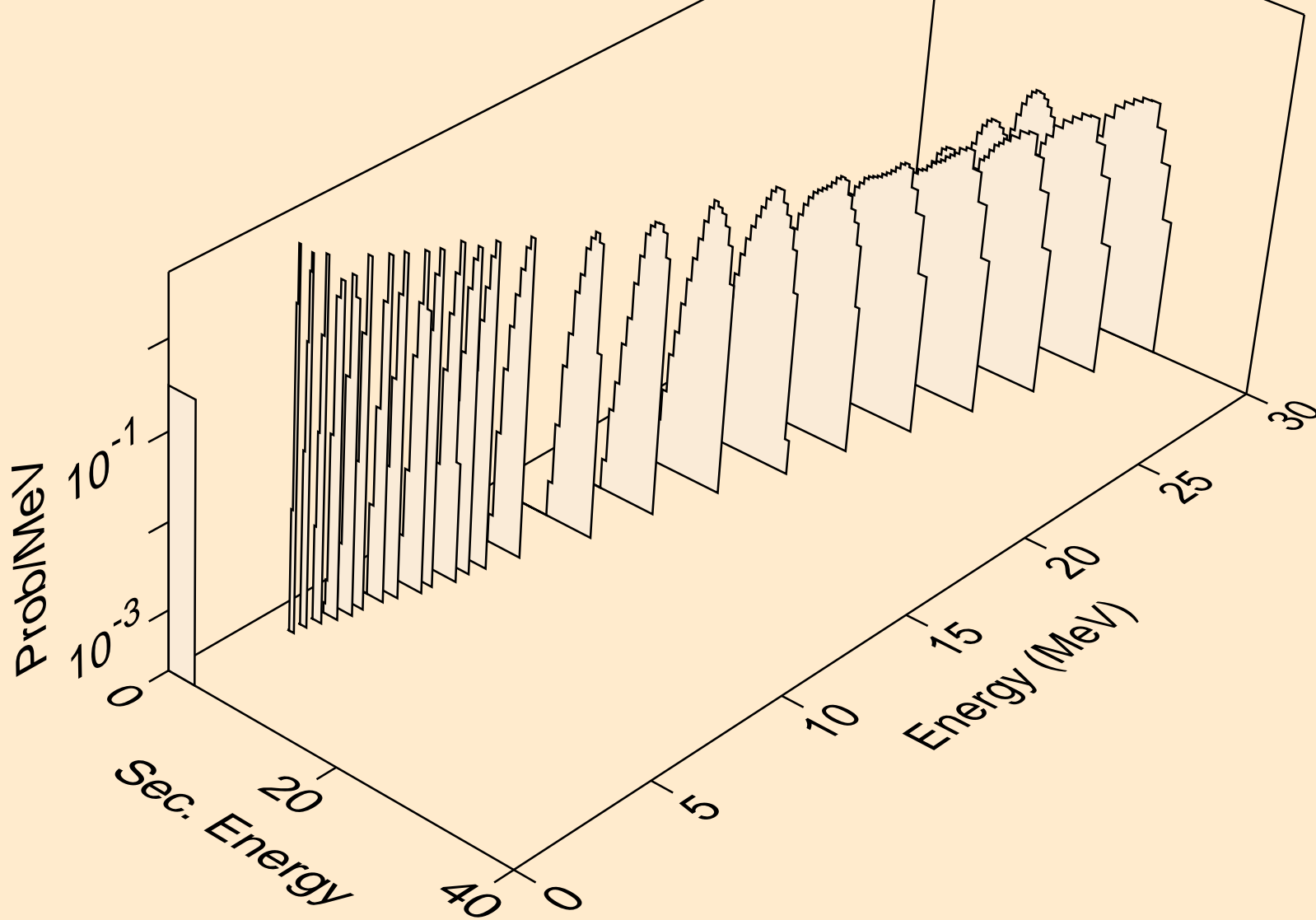
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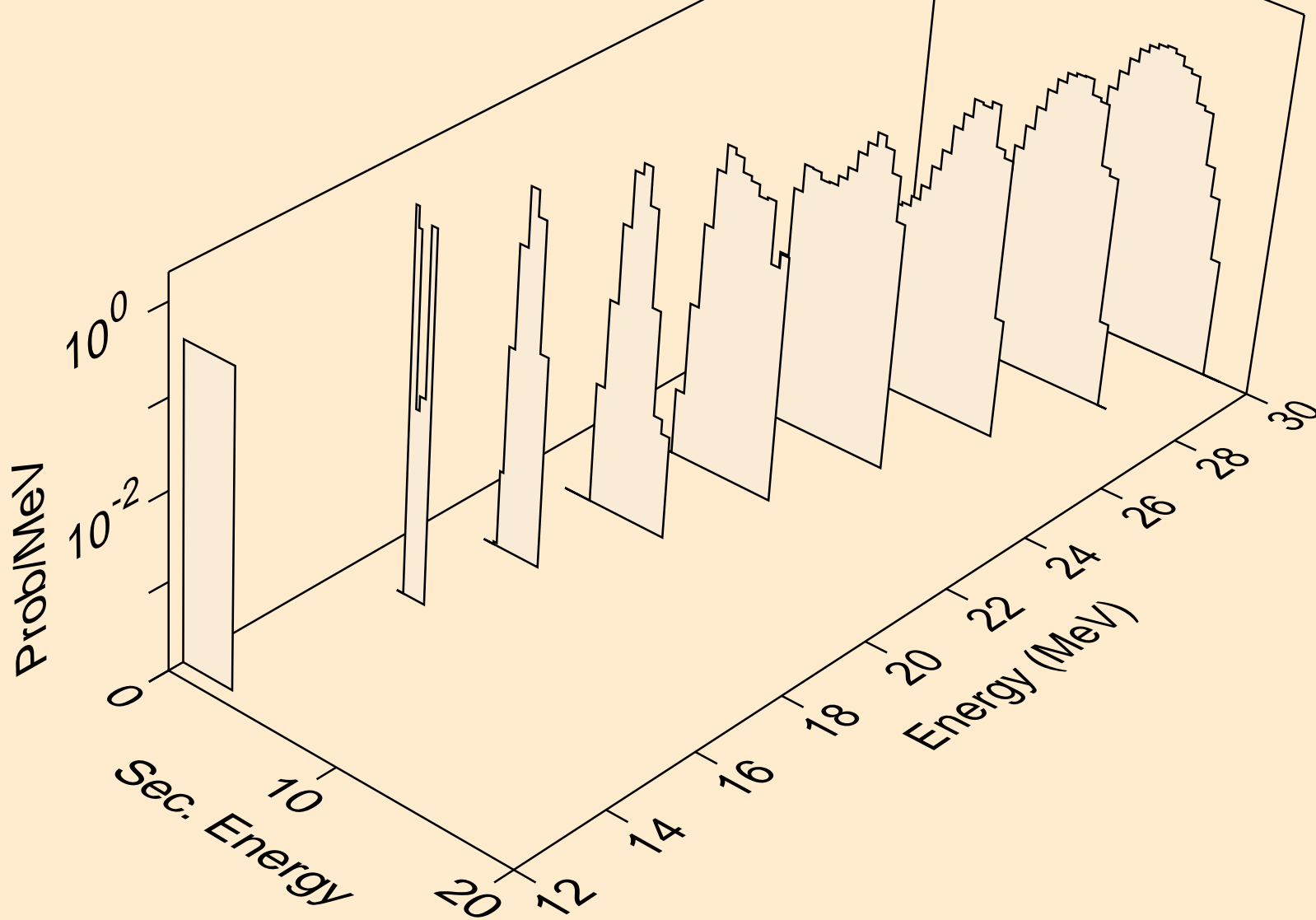
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



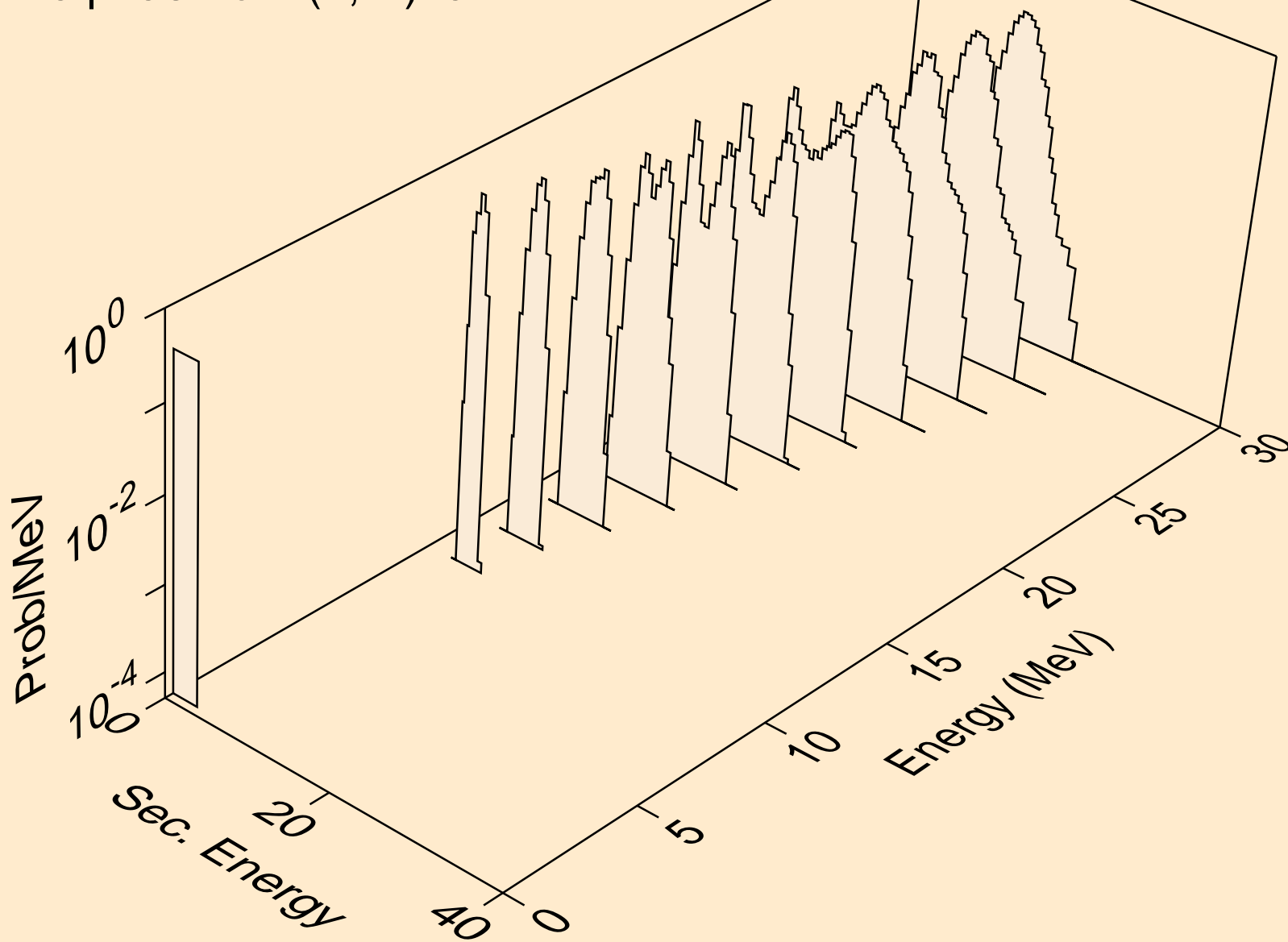
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alphas from (n,n\*)a



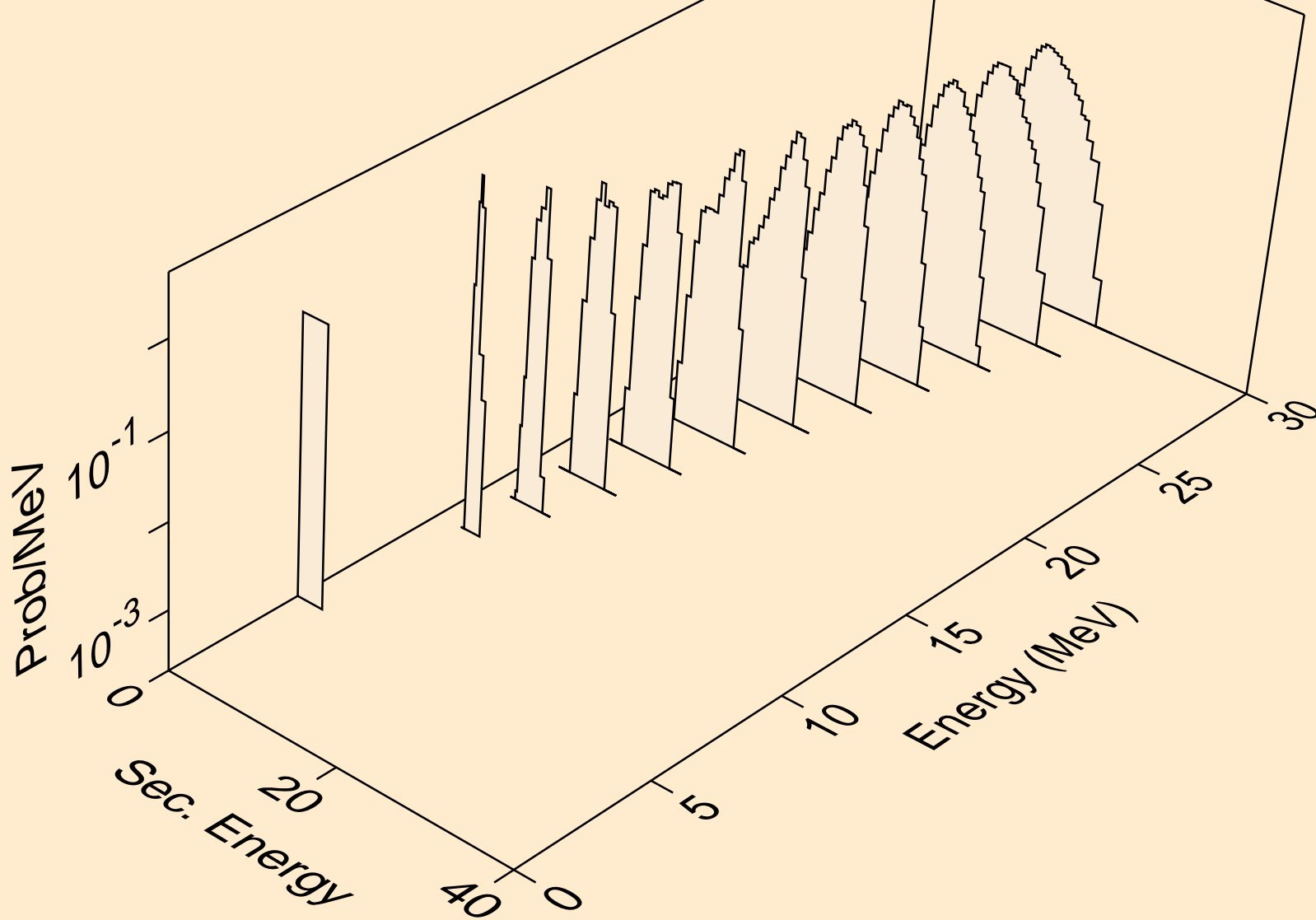
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alphas from (n,2n)a



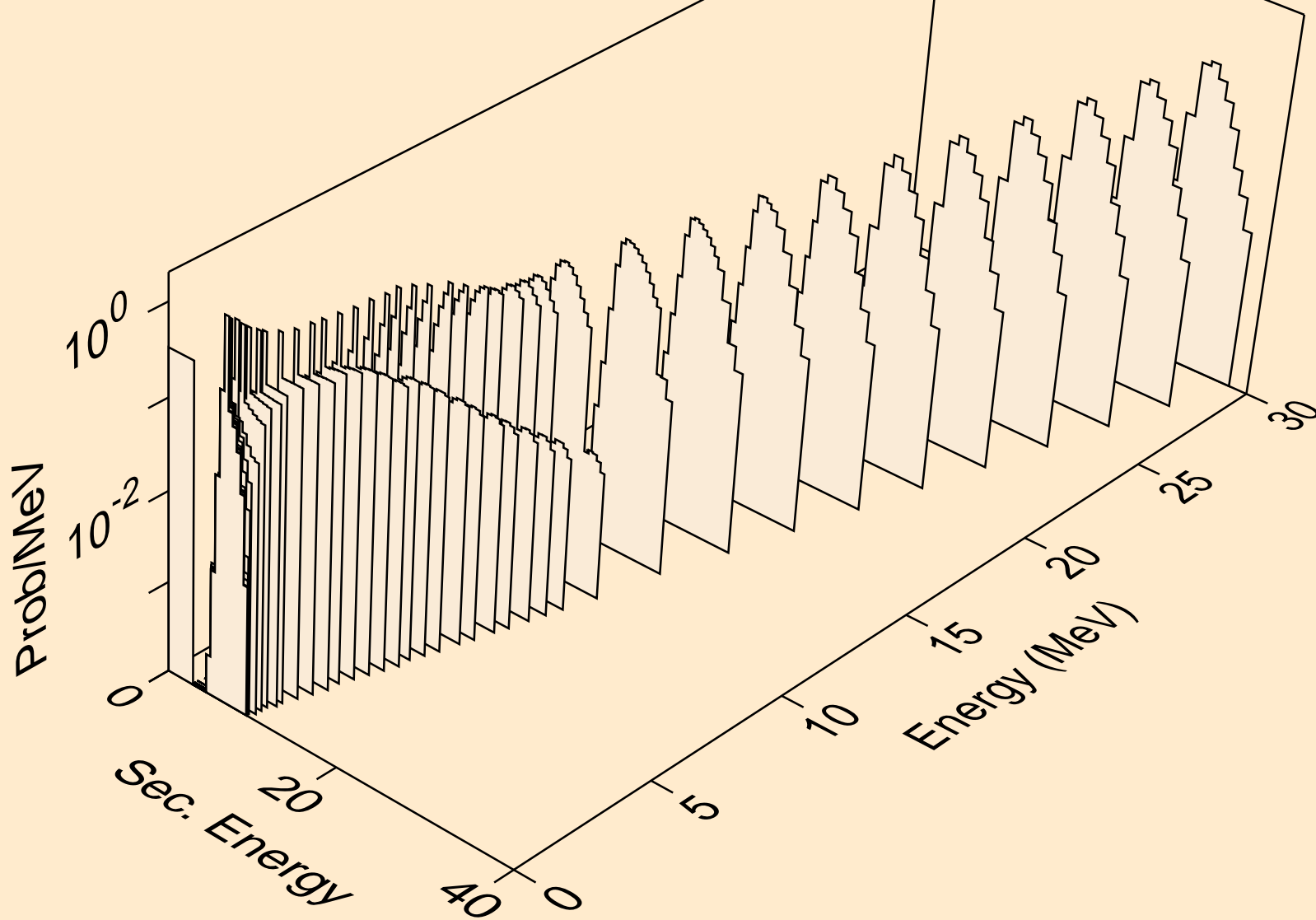
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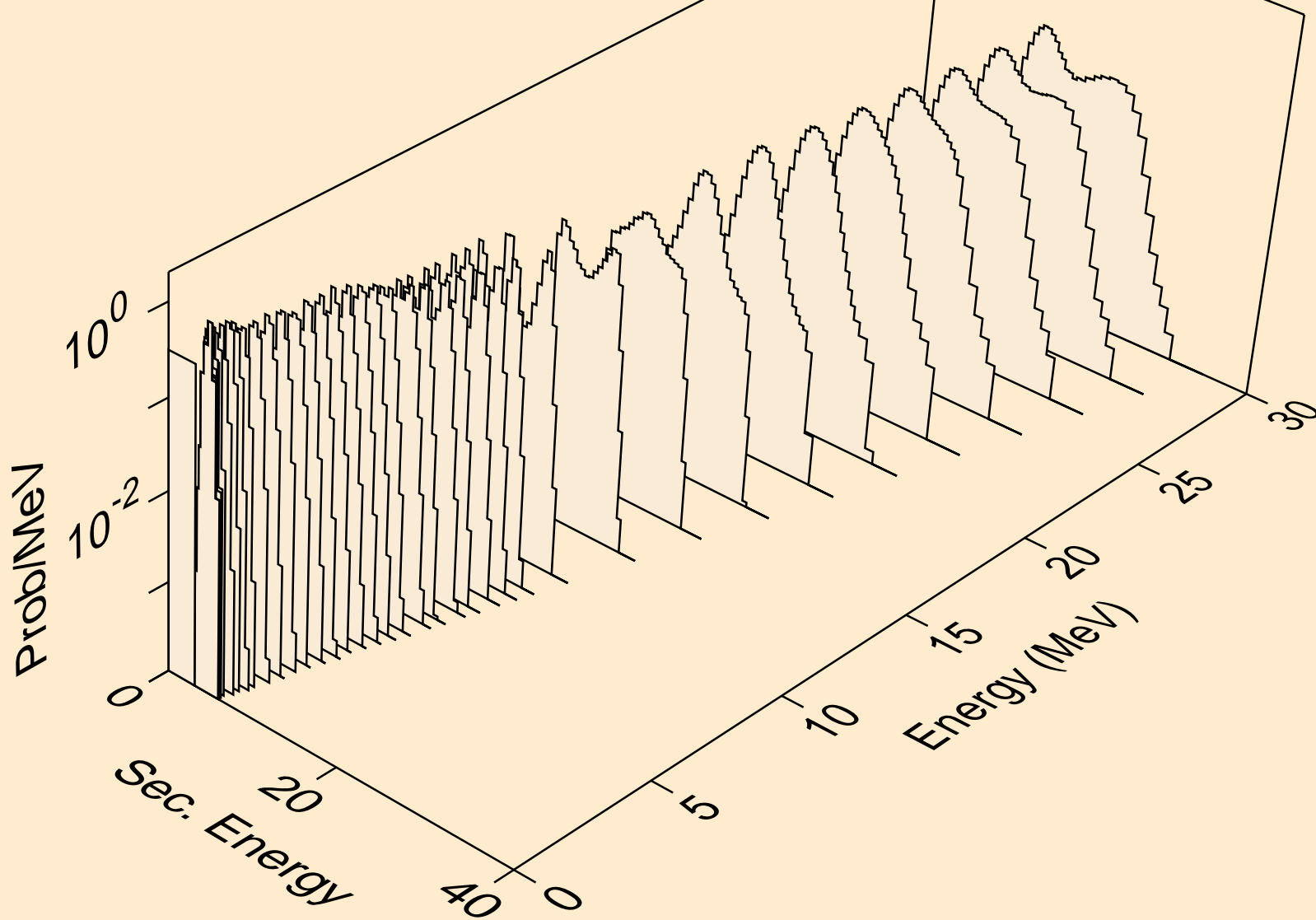
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)



SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

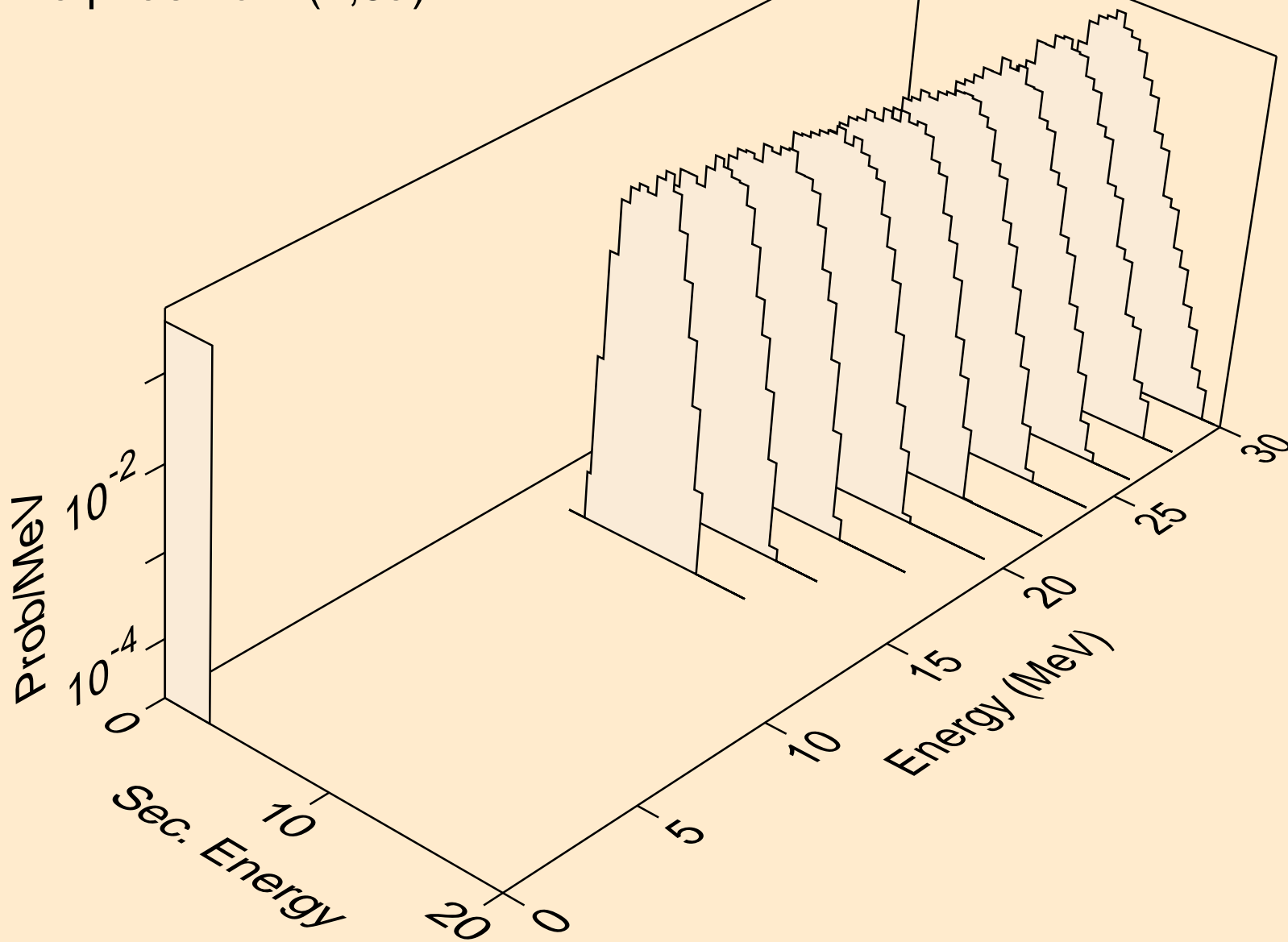


SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
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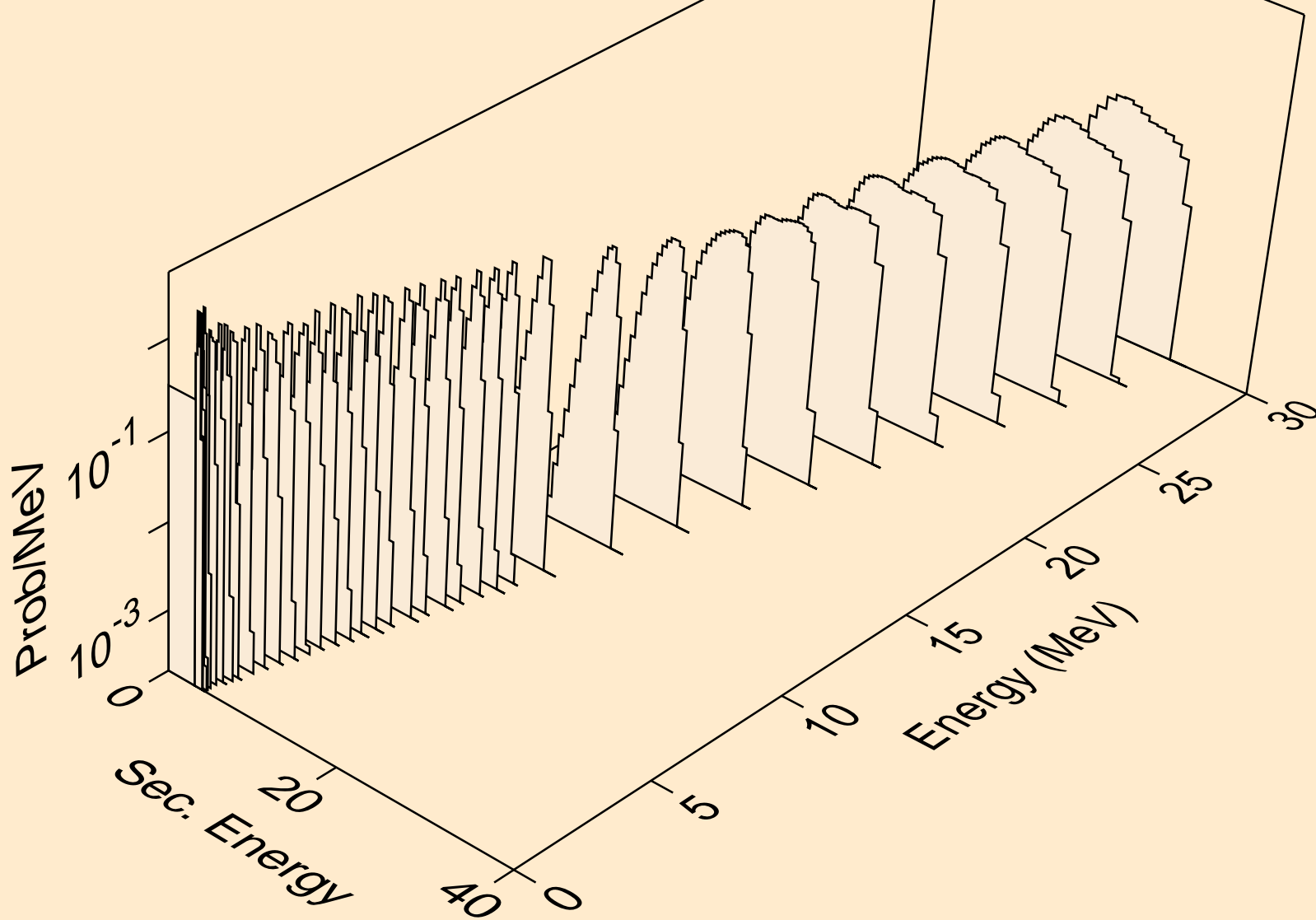




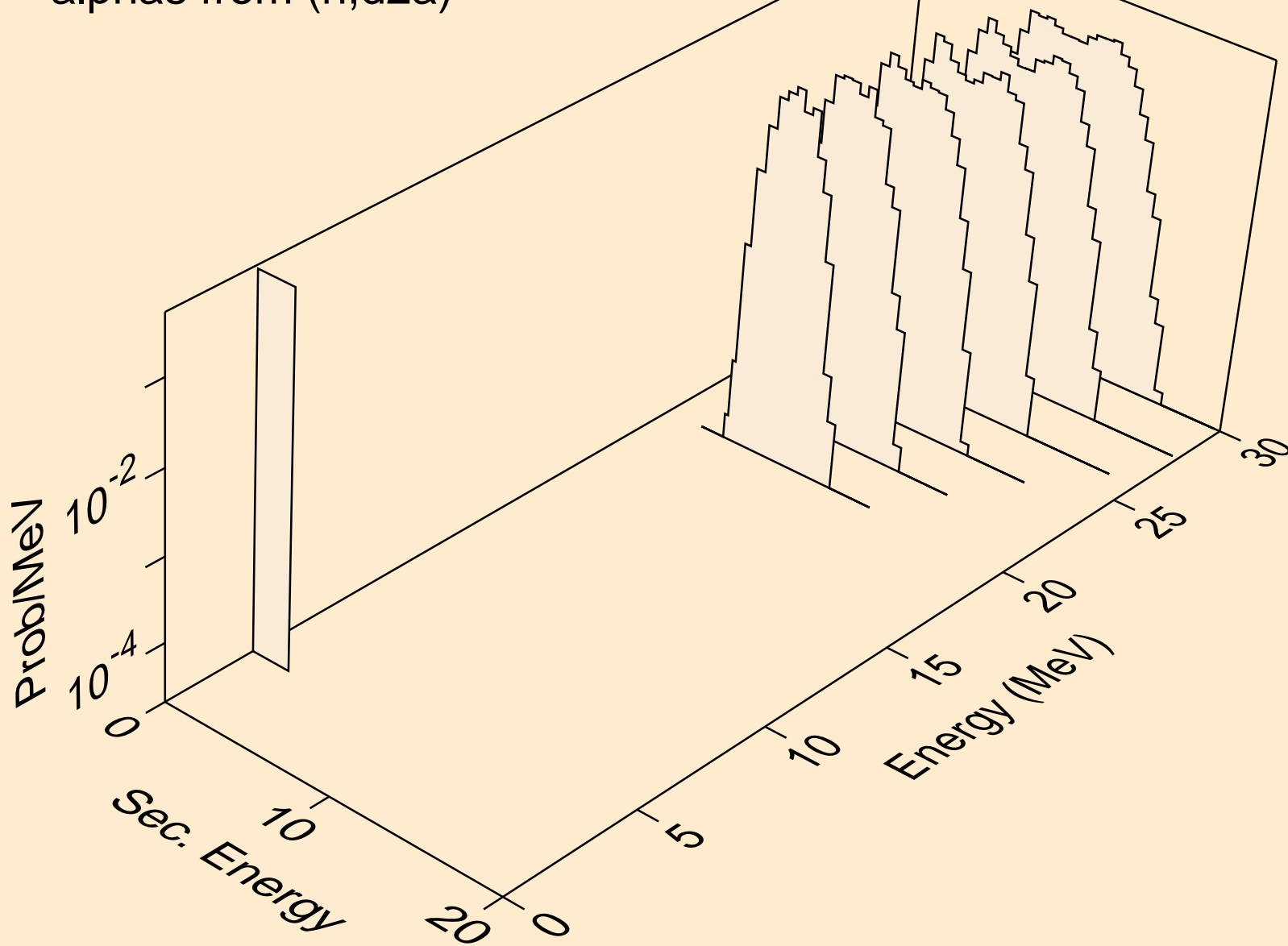
SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3a)



SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)



SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,d2a)



SN104 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

