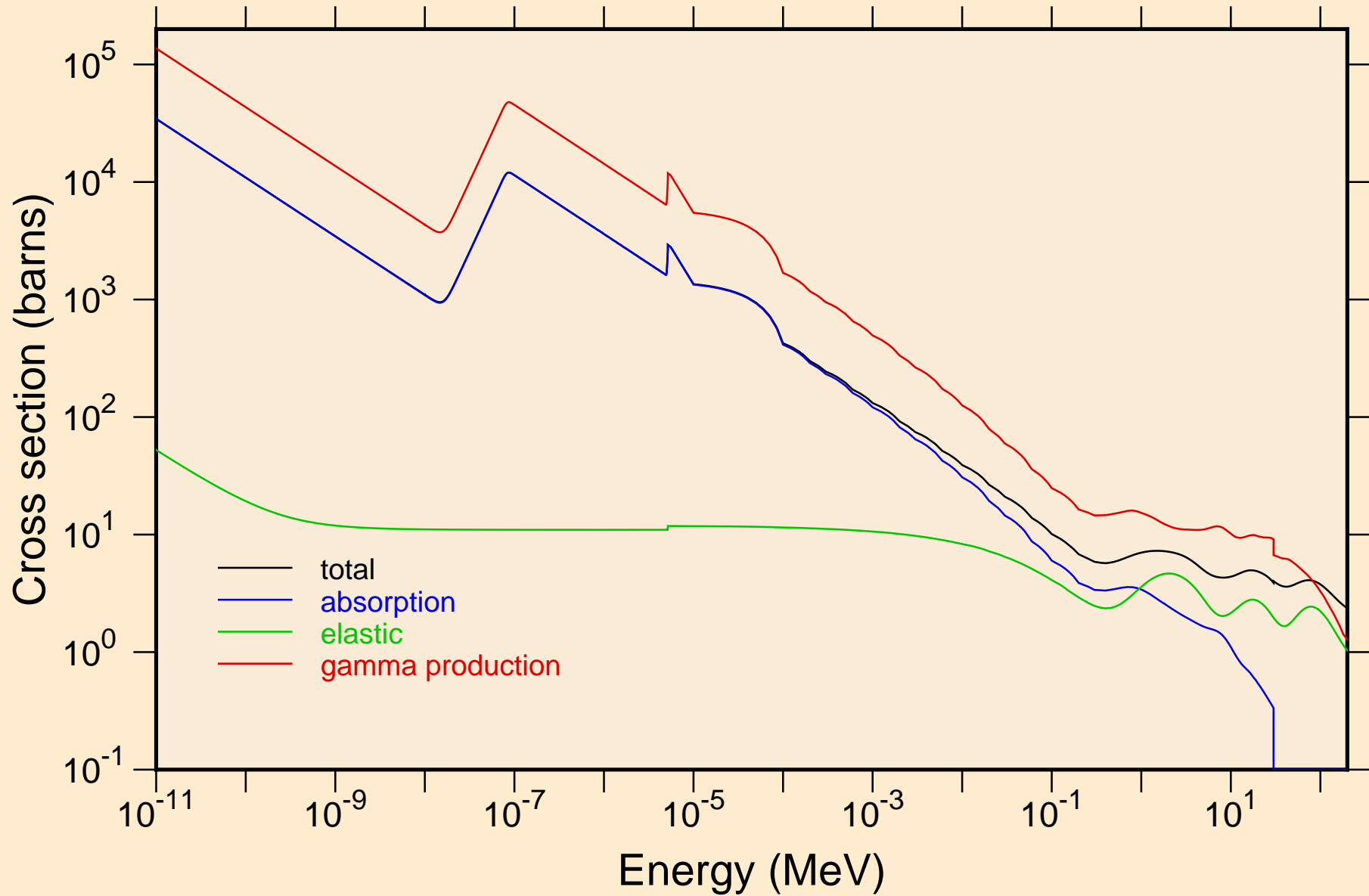
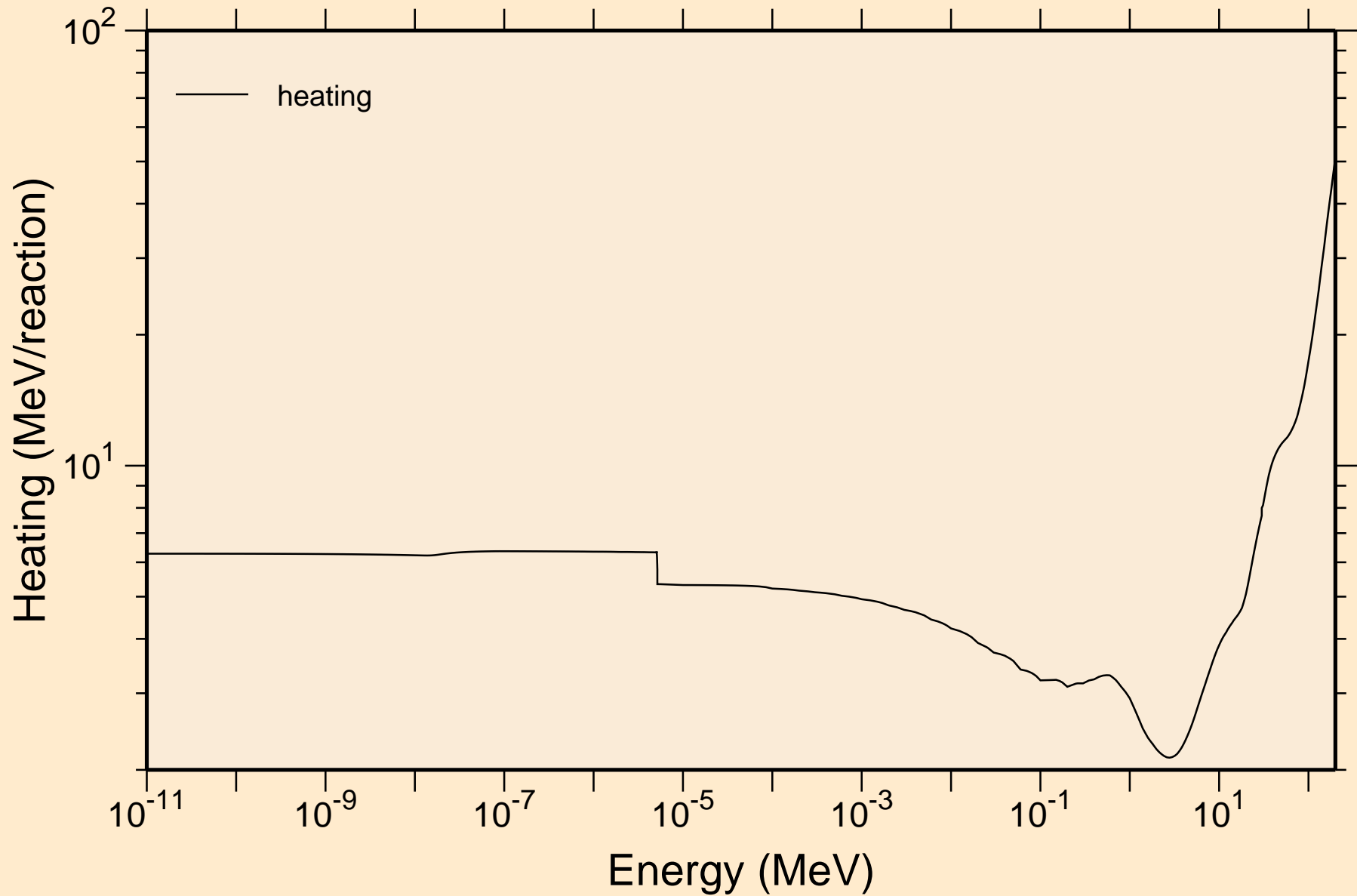


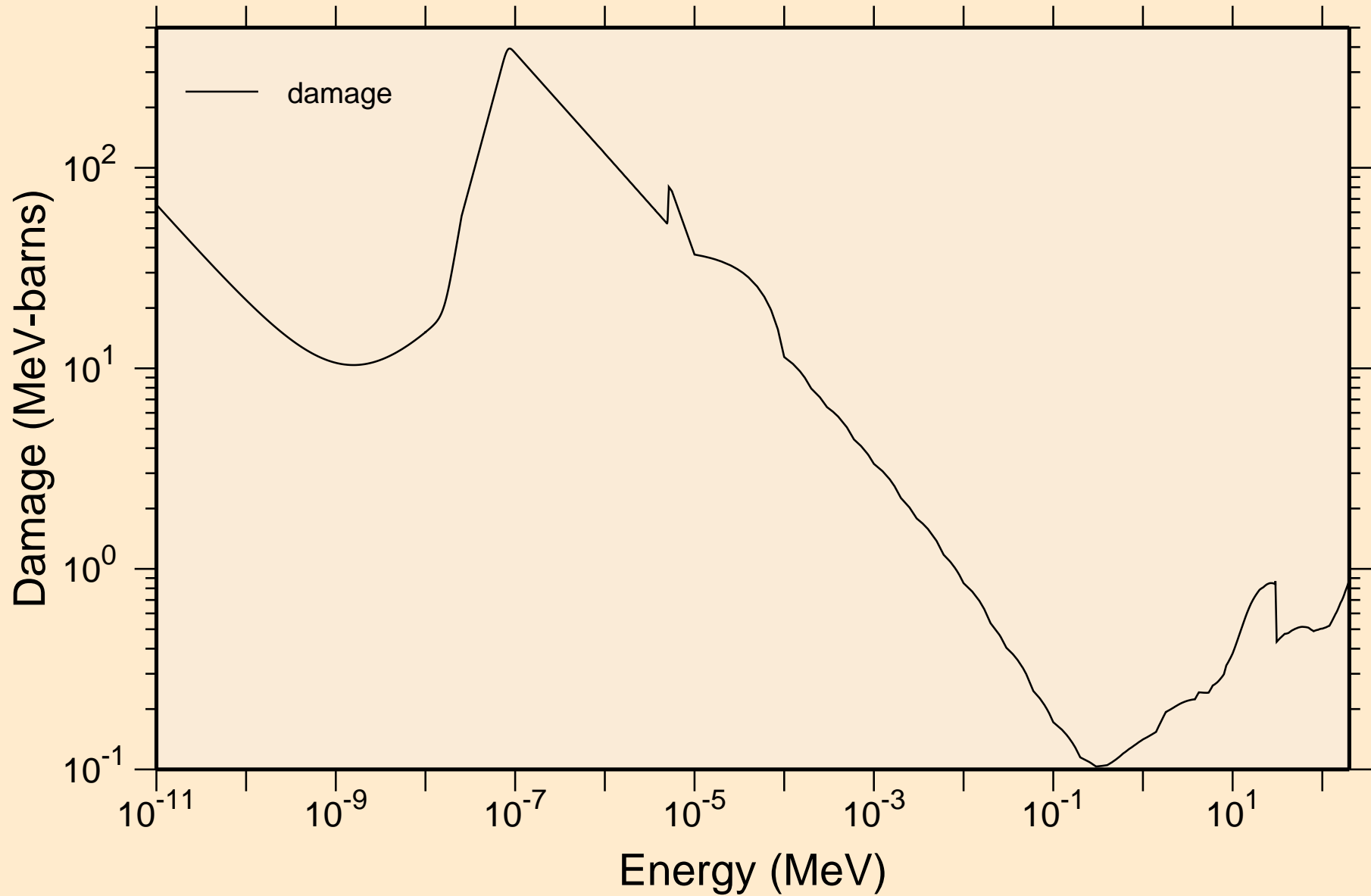
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

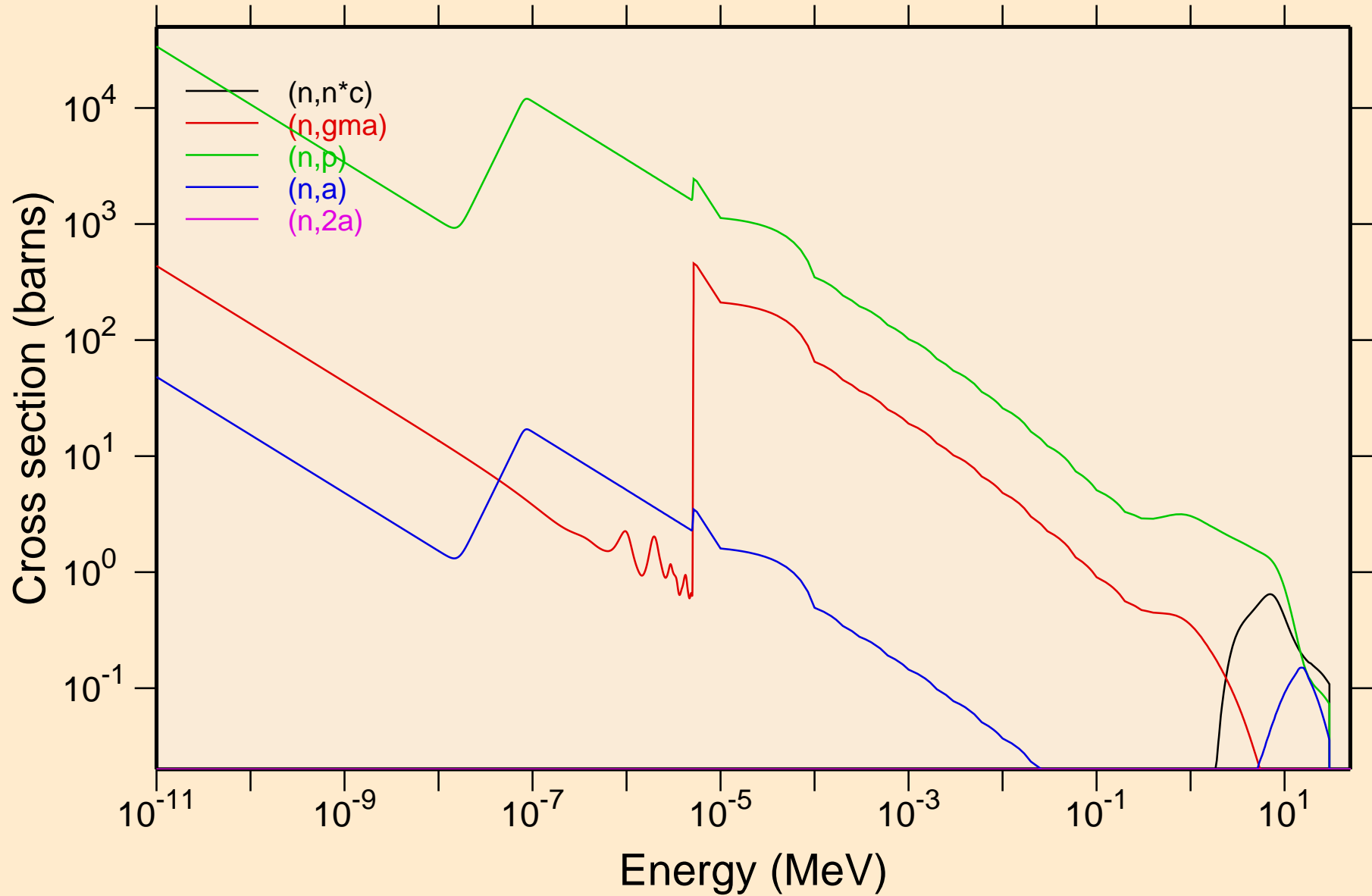


HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



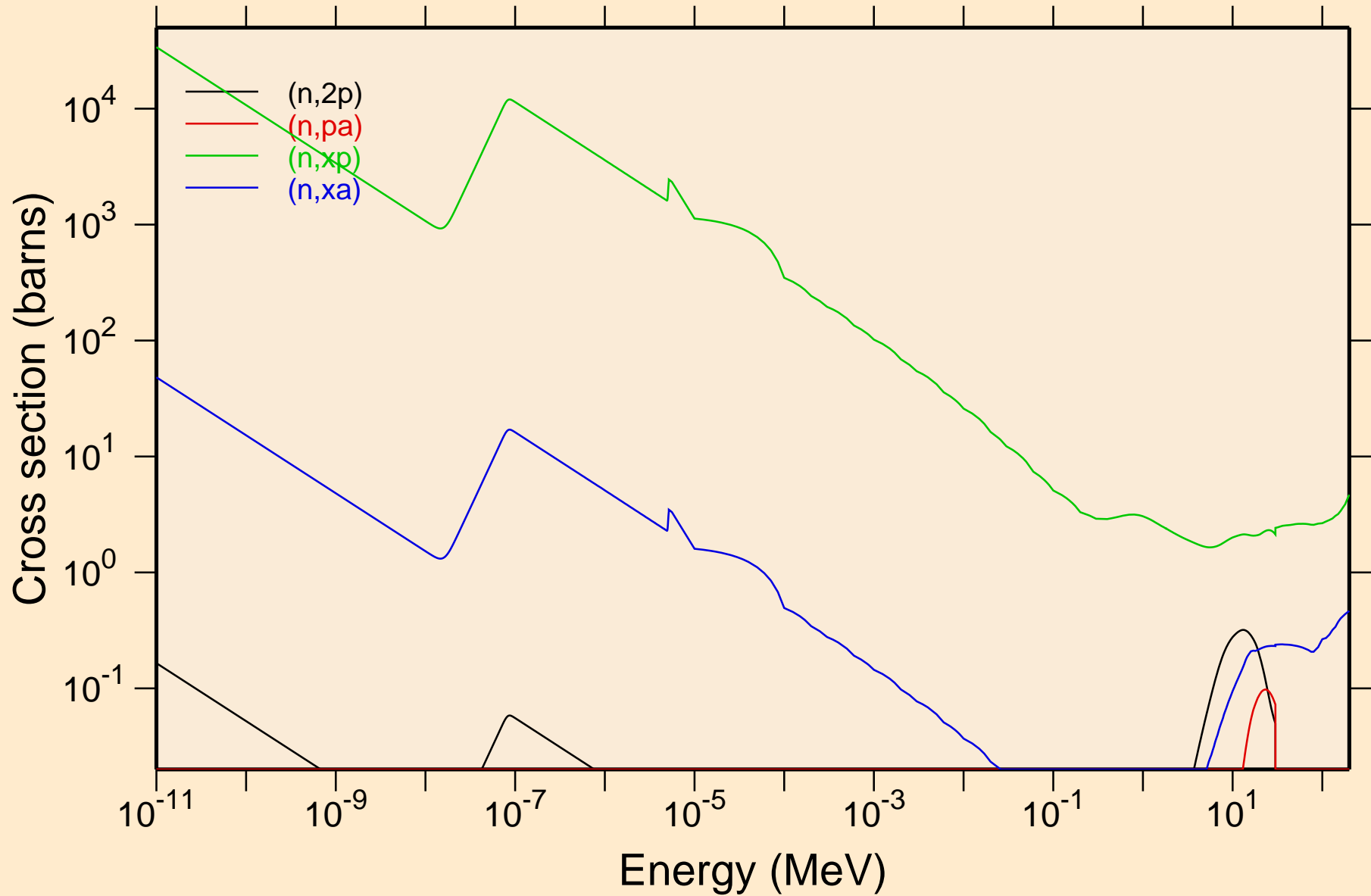
# HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Non-threshold reactions

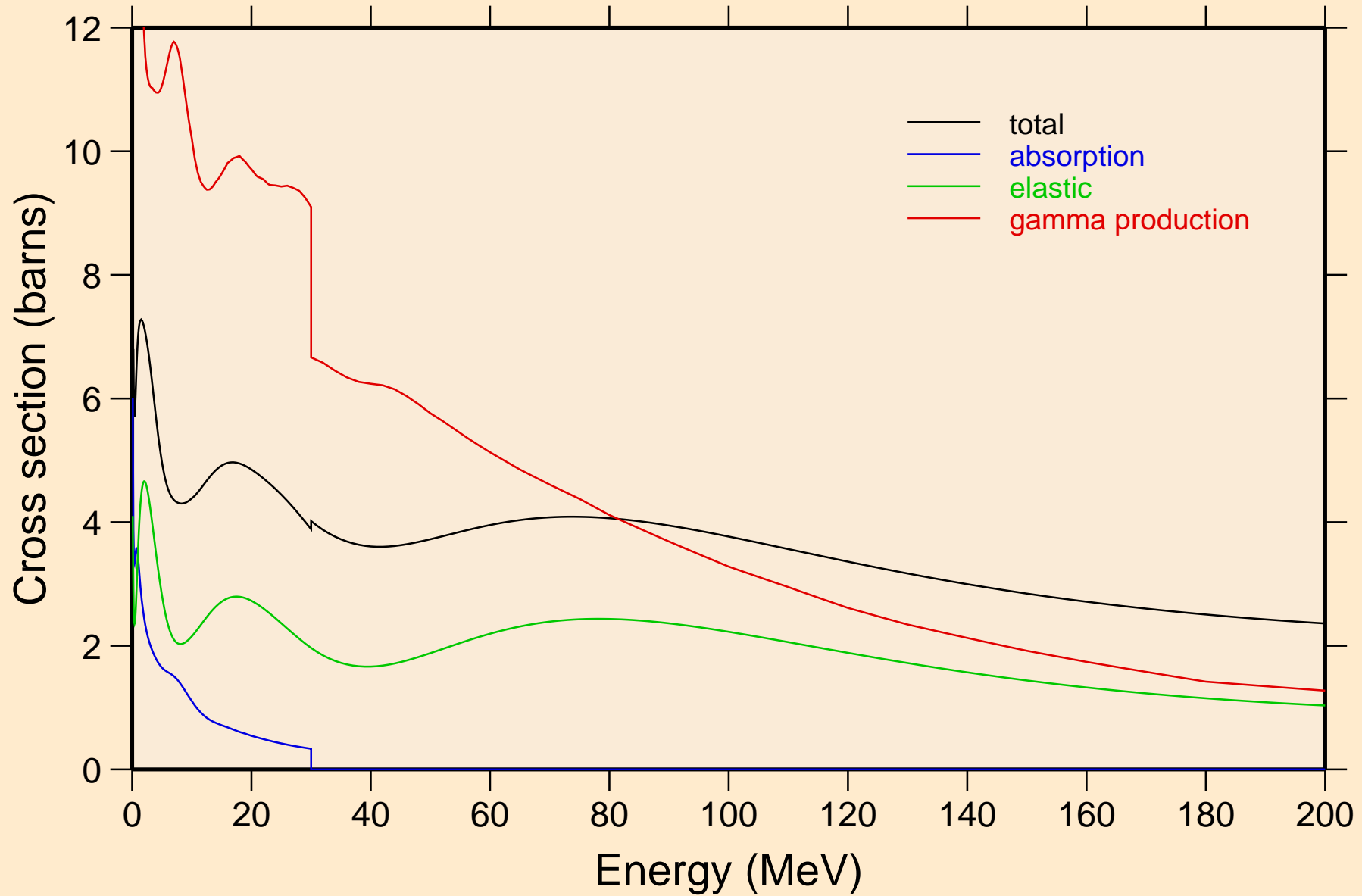


# HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

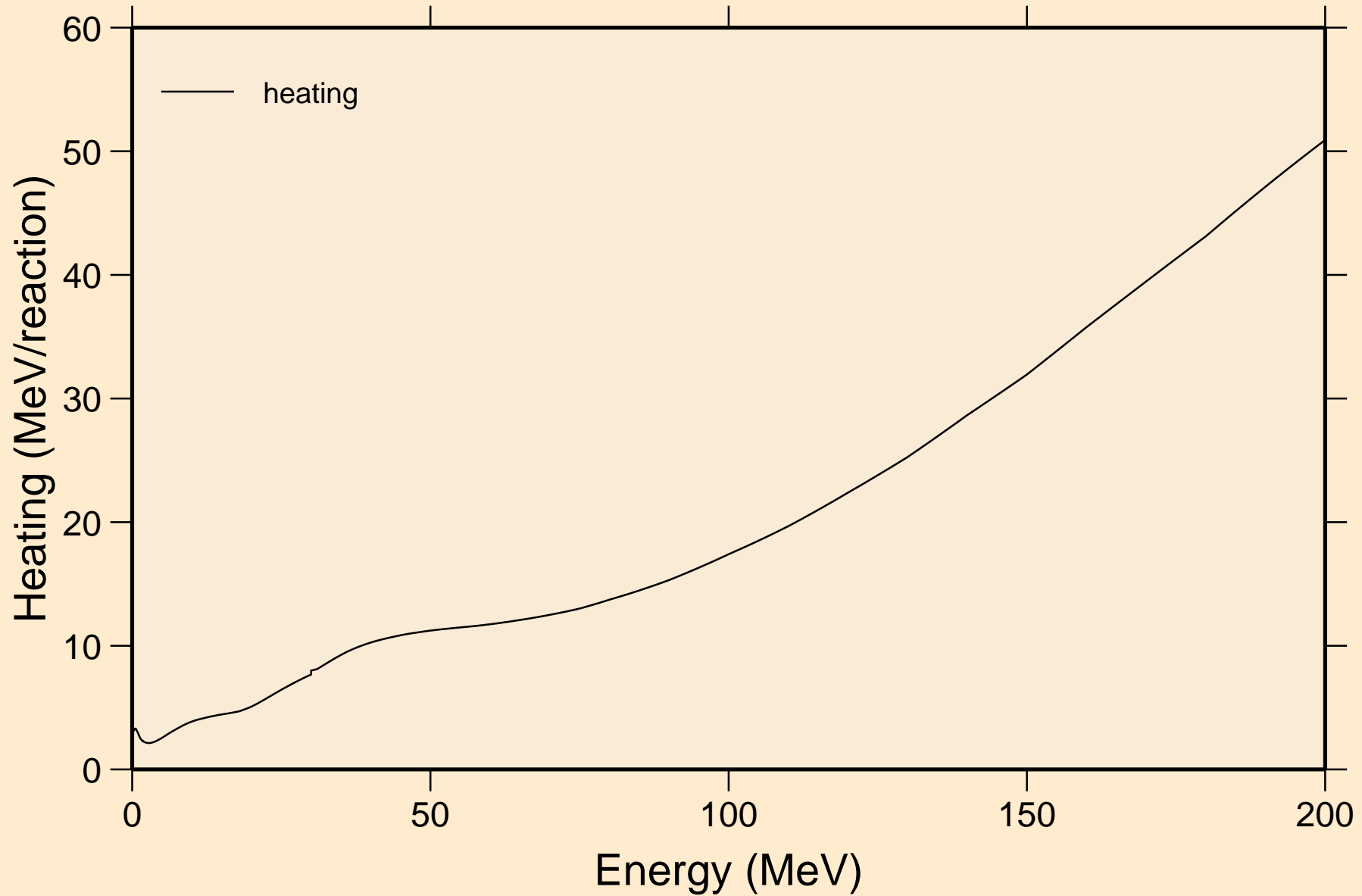
## Non-threshold reactions



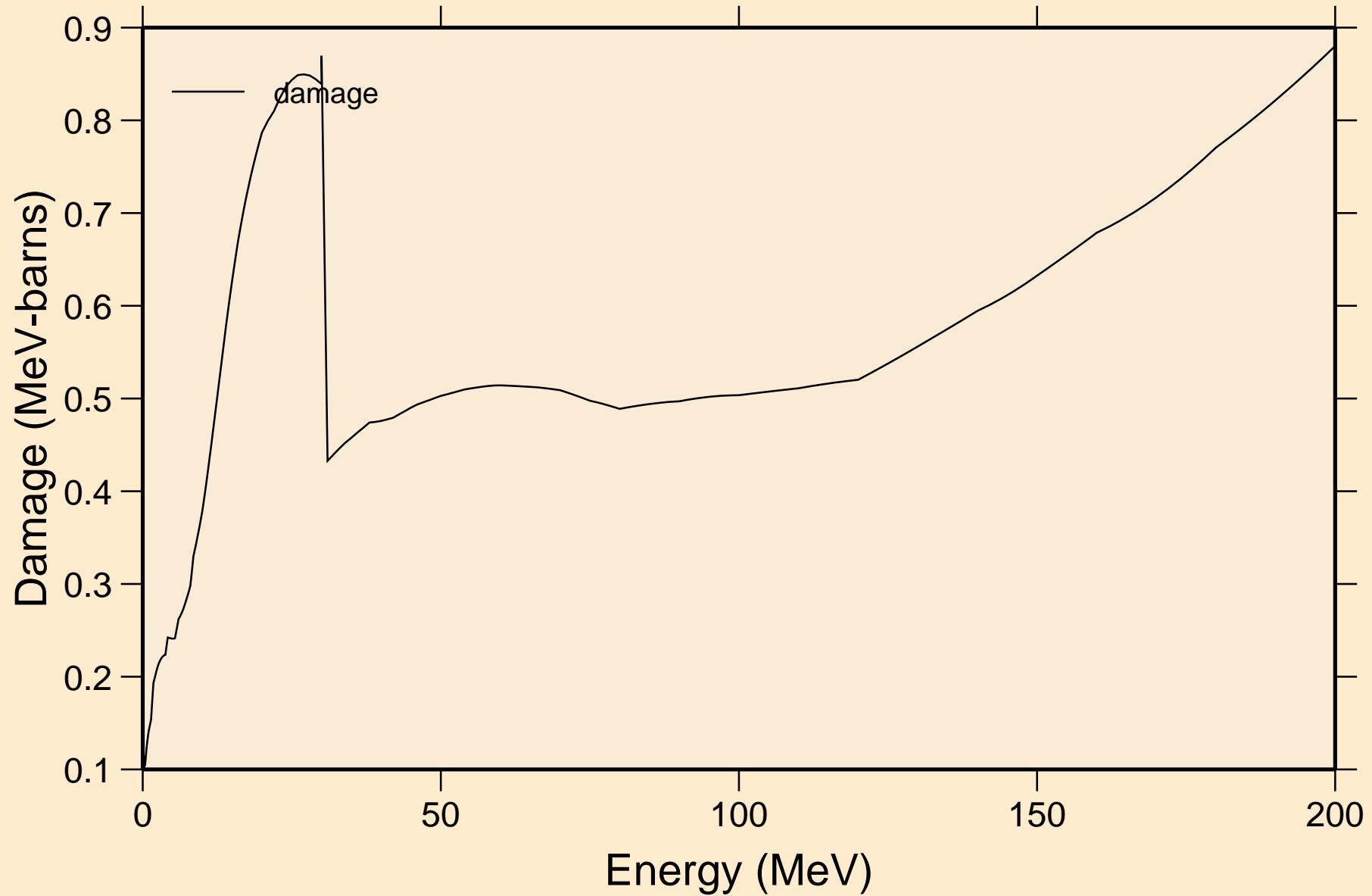
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

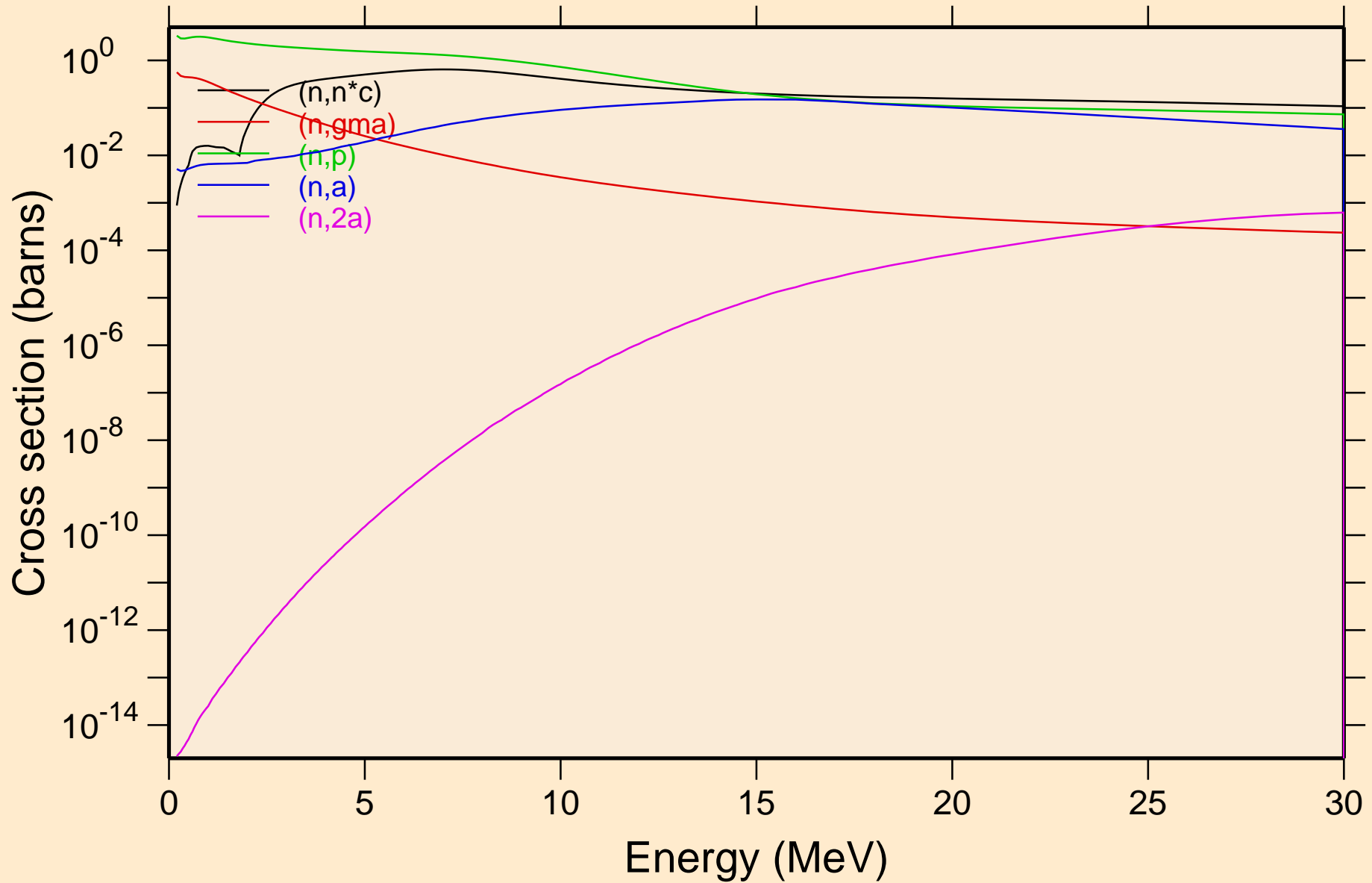


HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

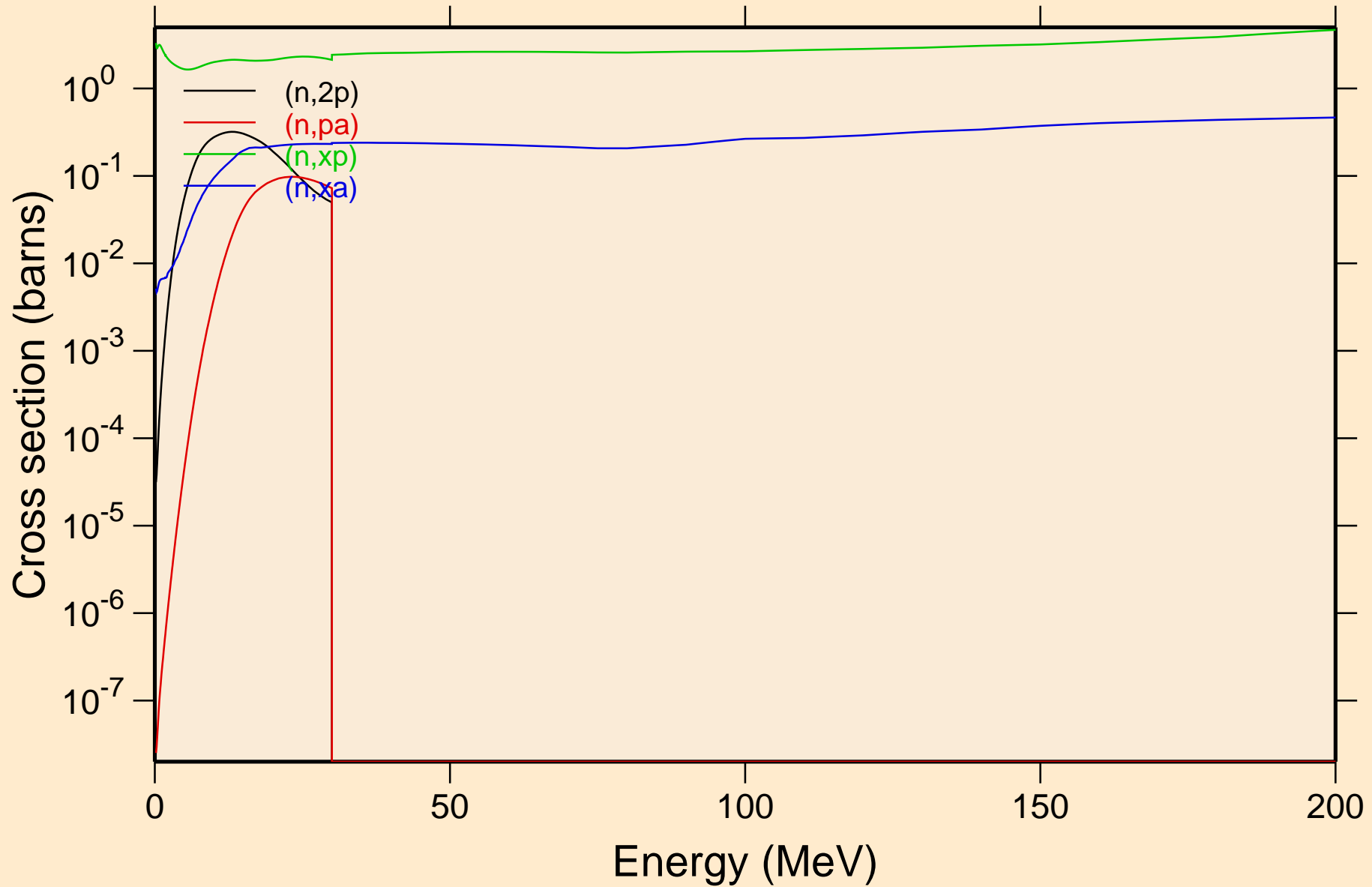




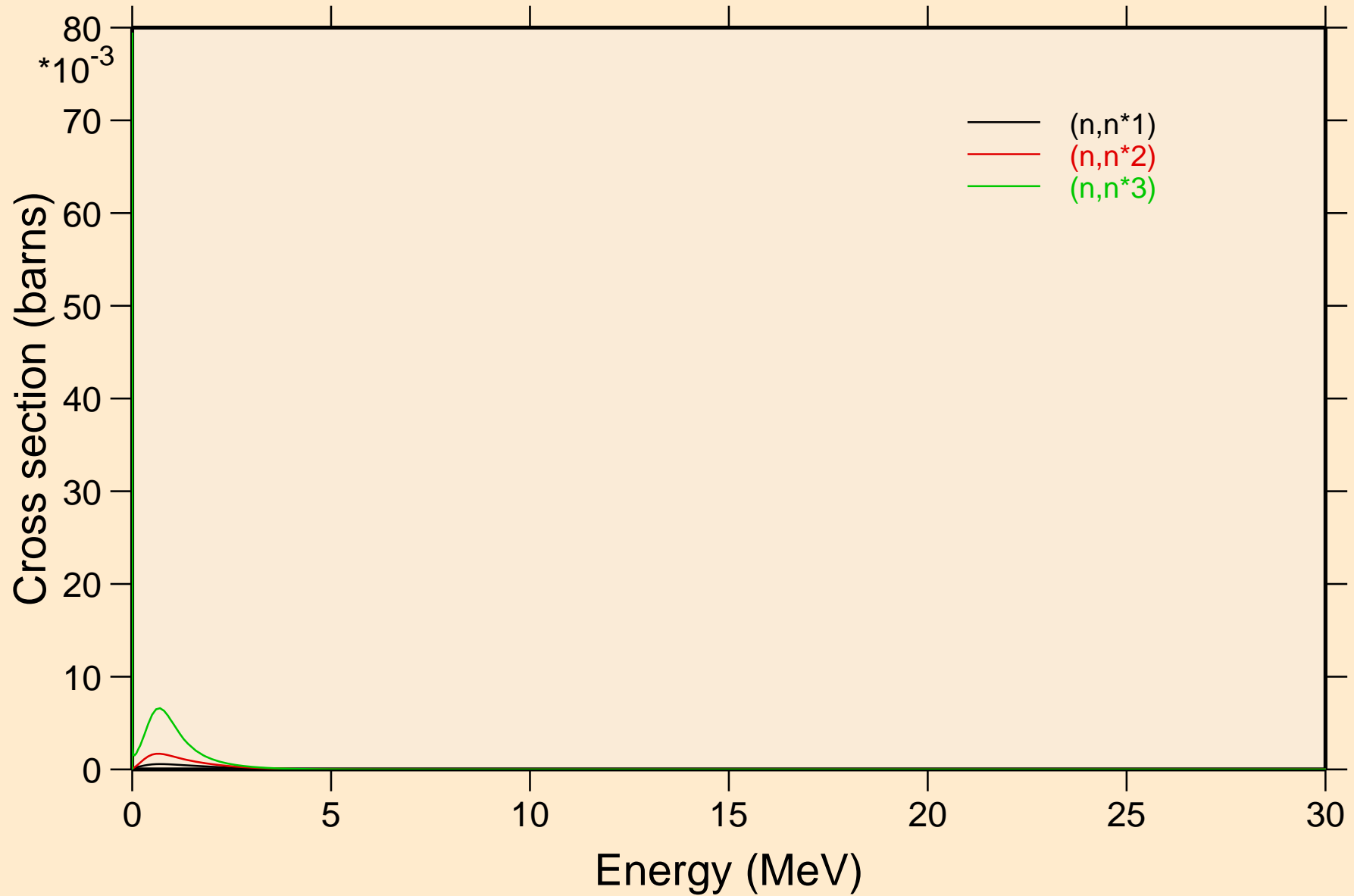
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Non-threshold reactions



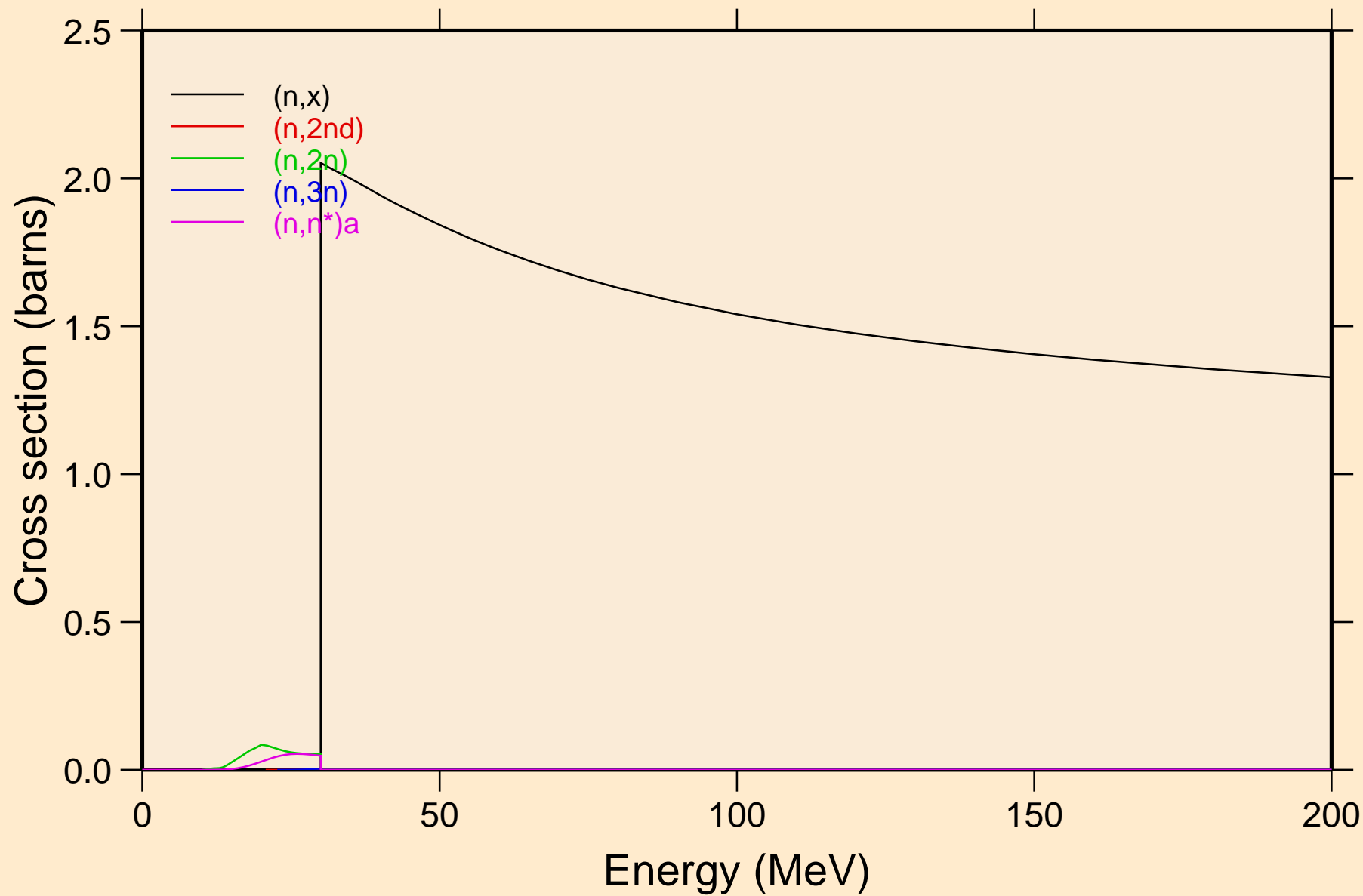
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



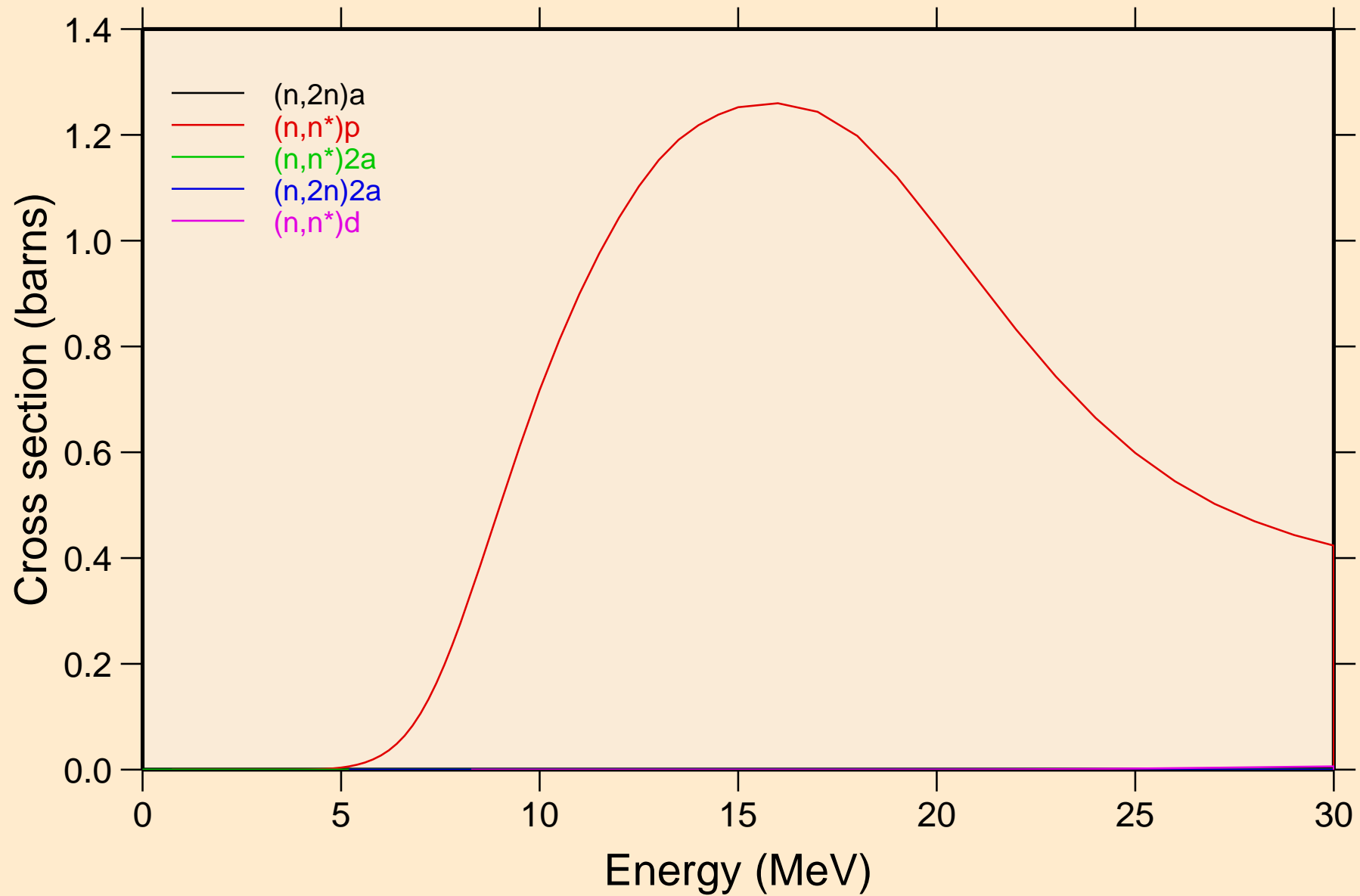
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Inelastic levels



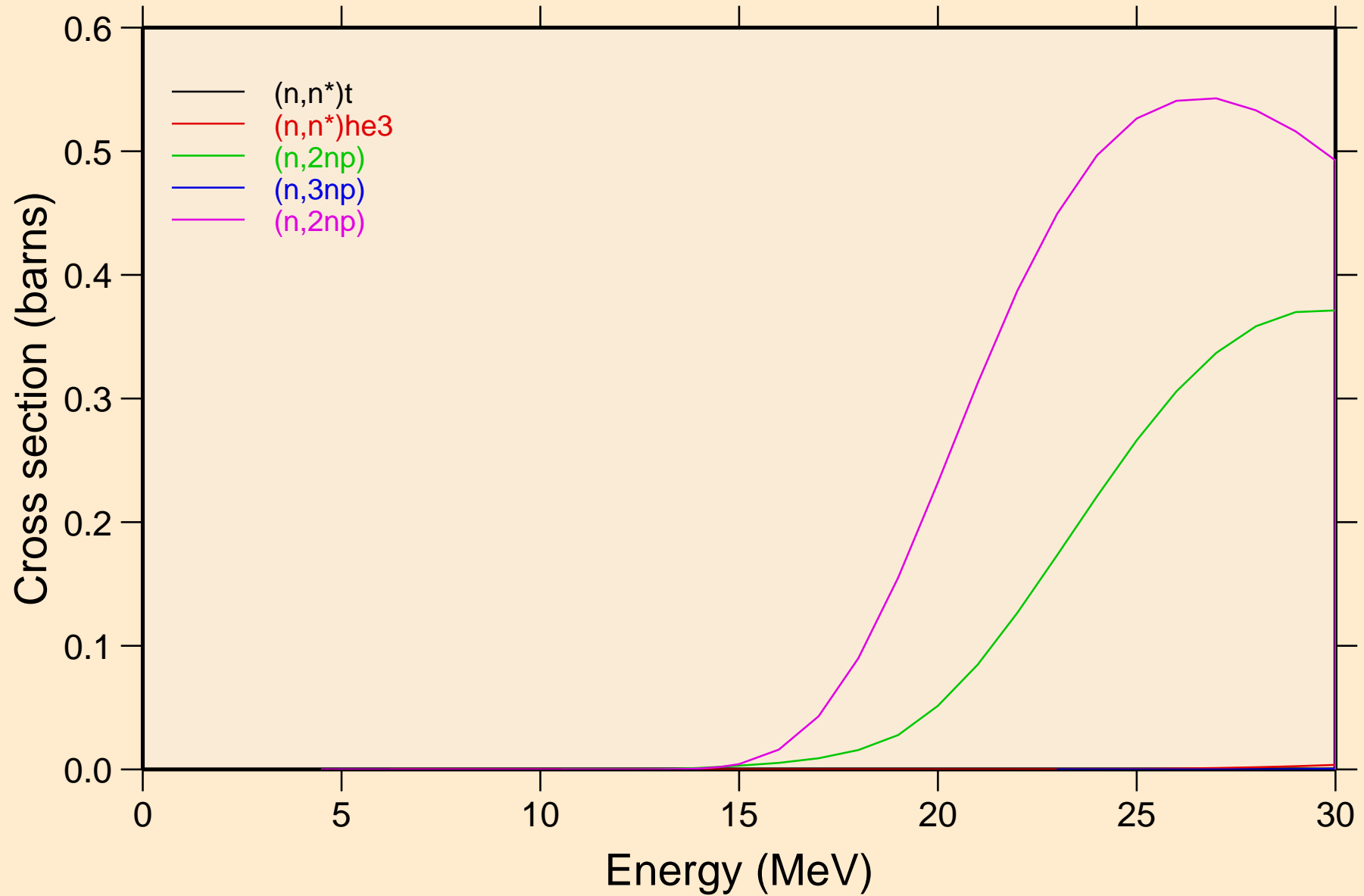
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

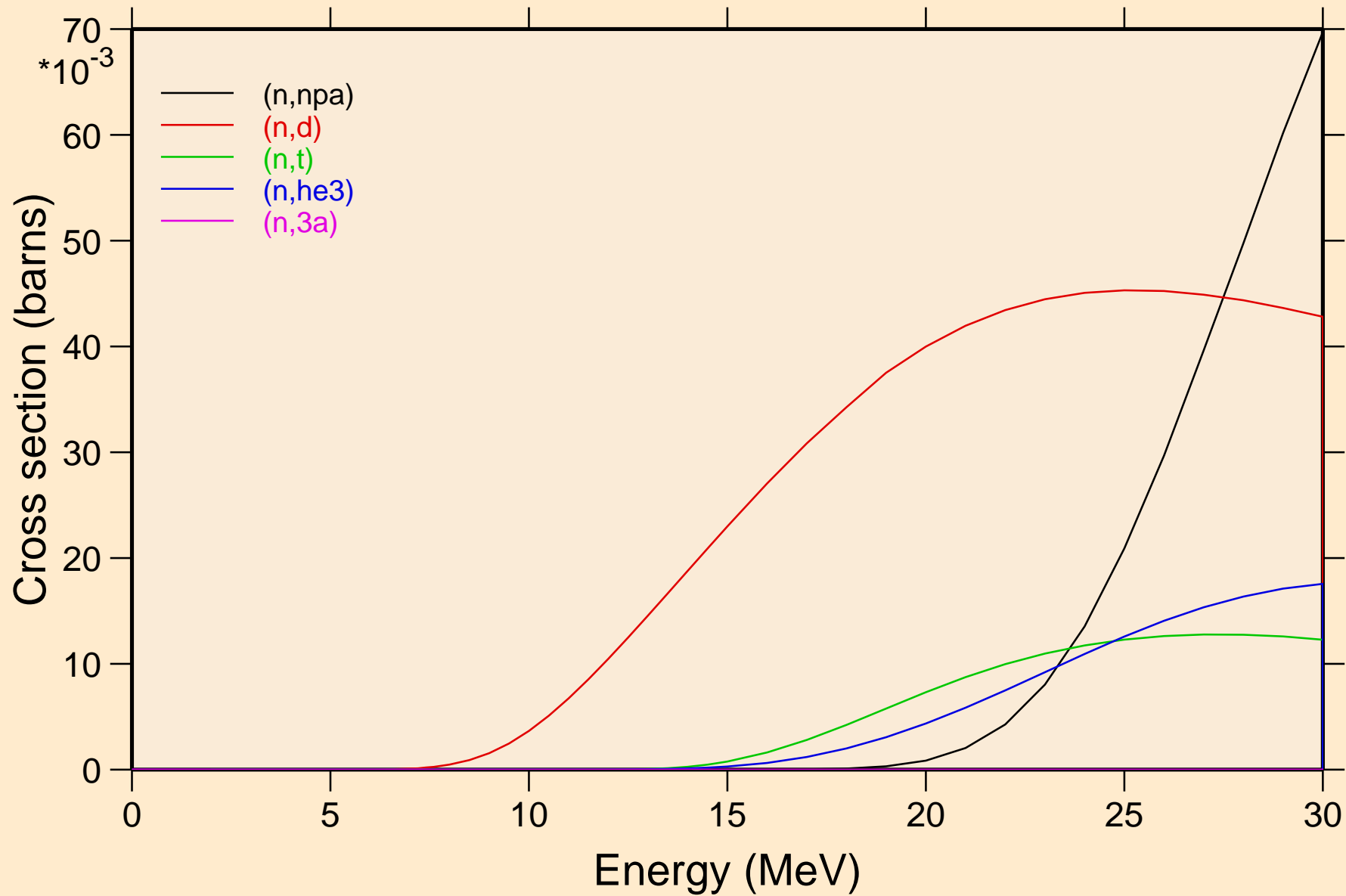


HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

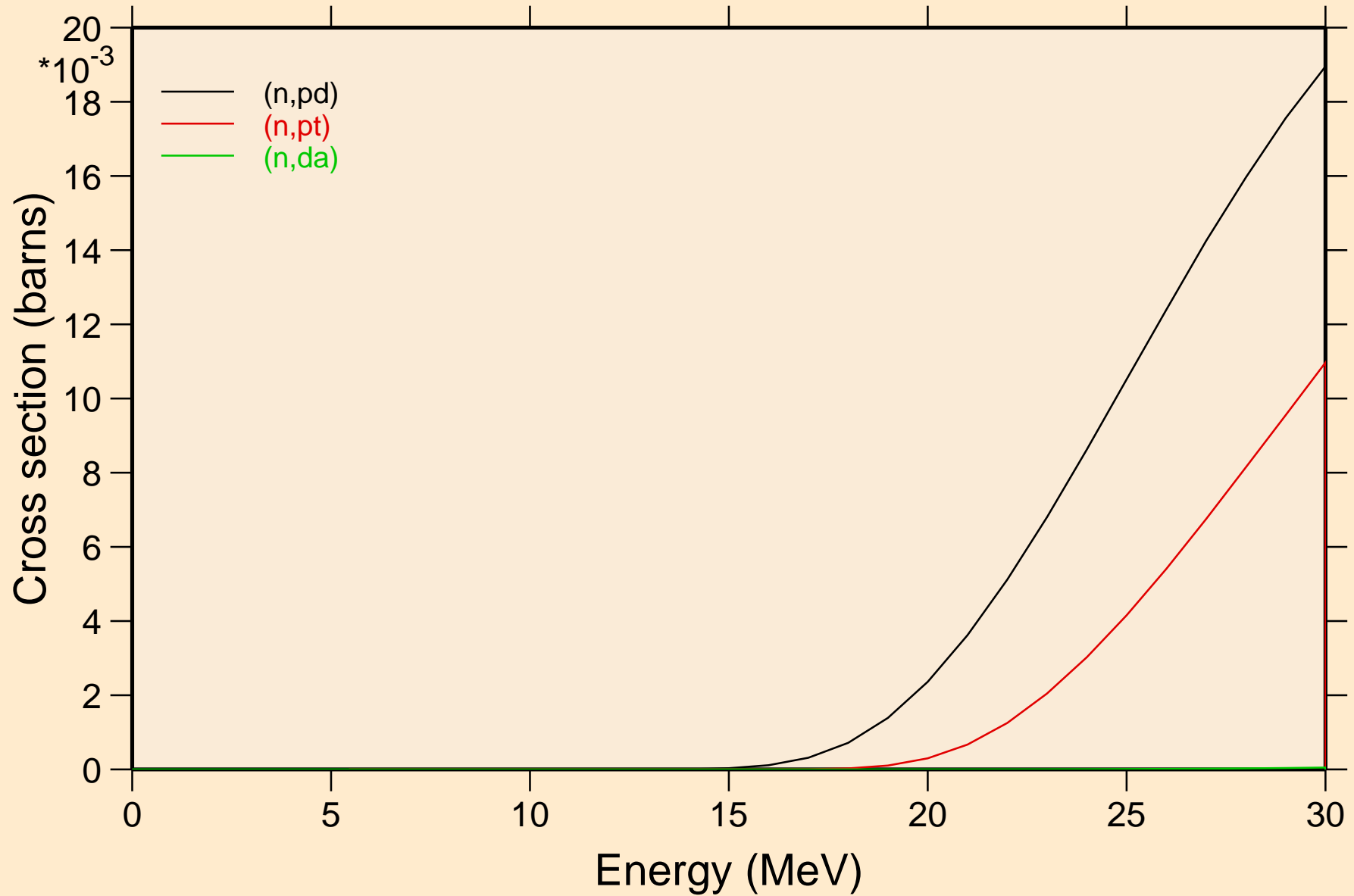


# HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

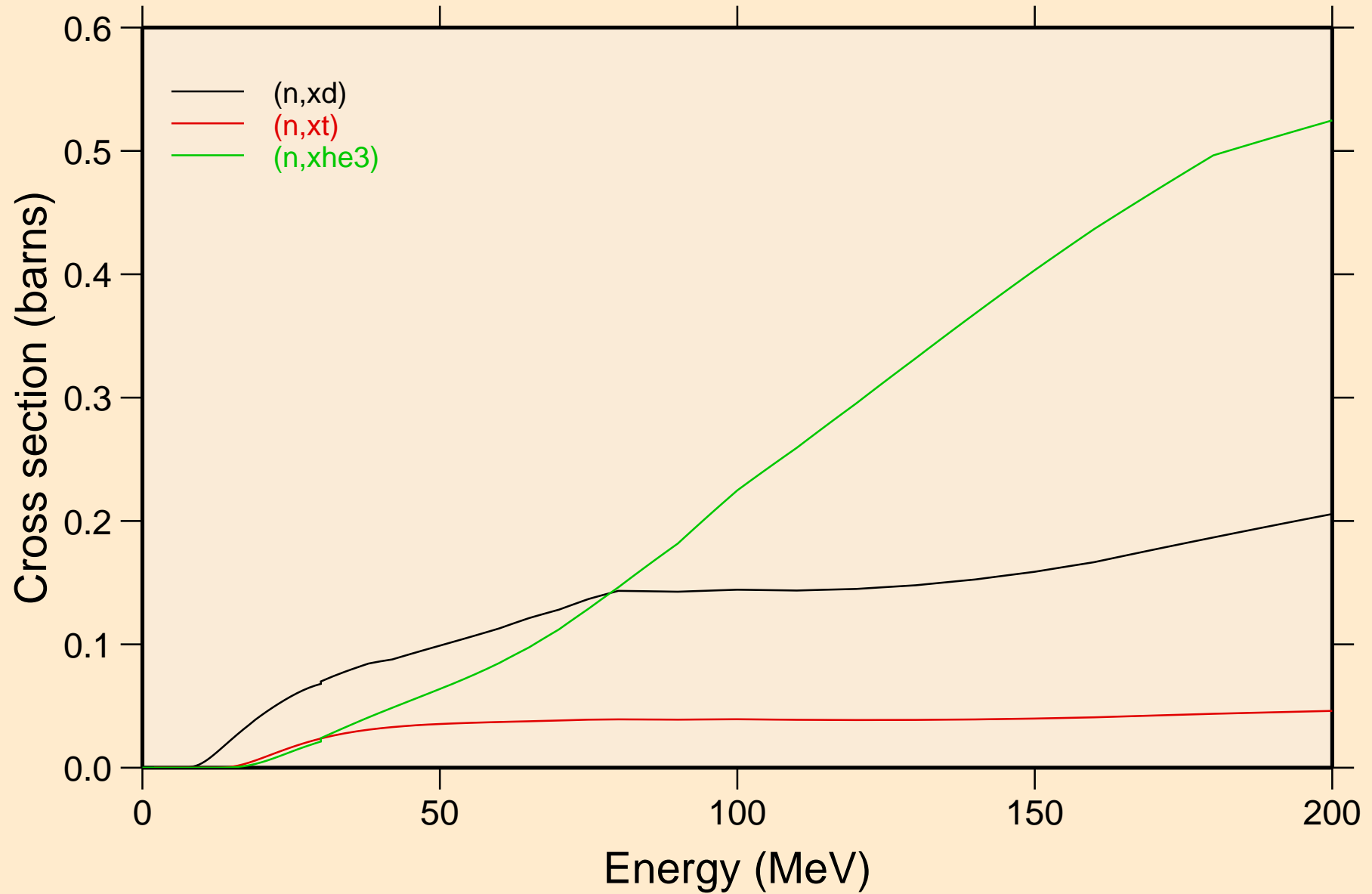


HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

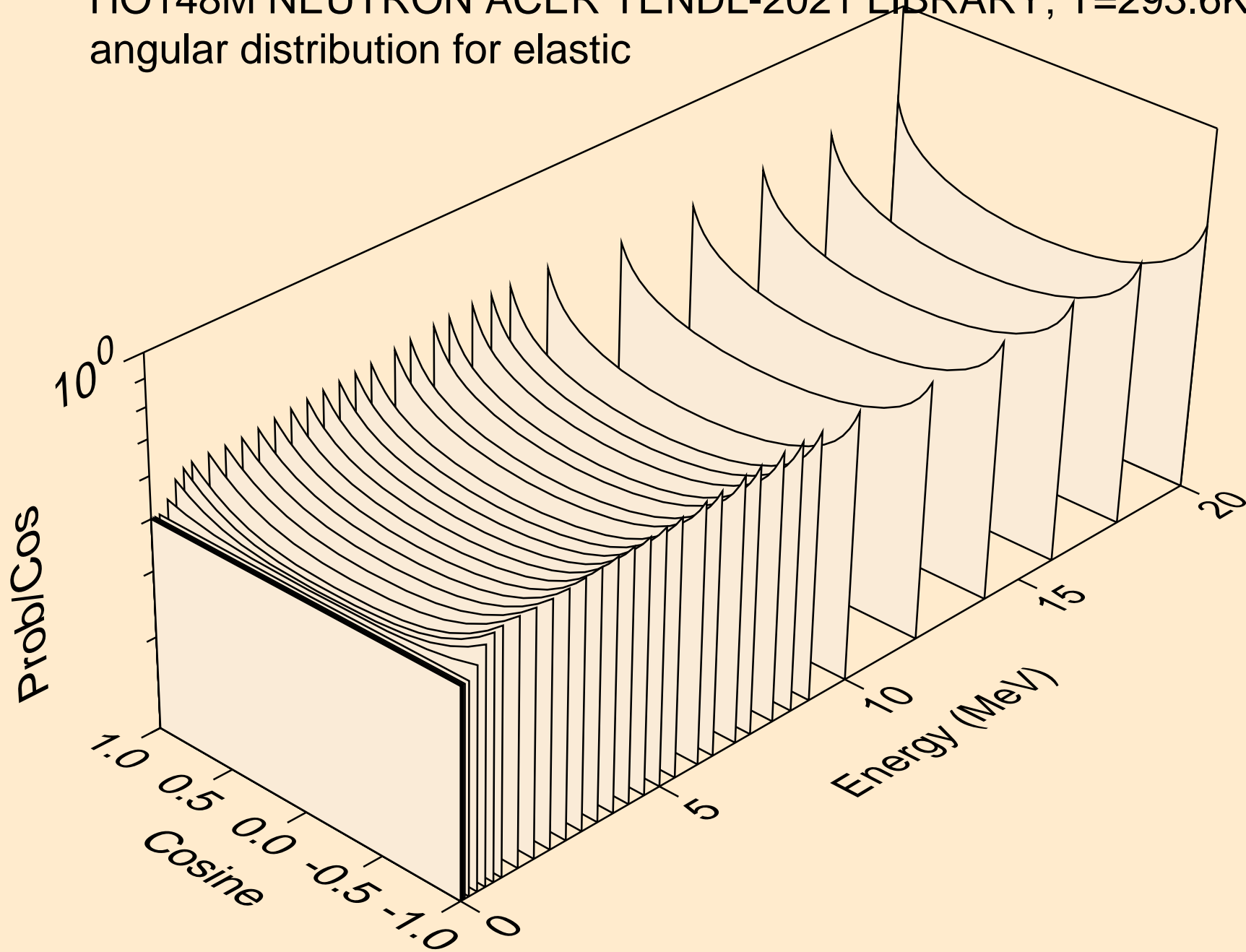




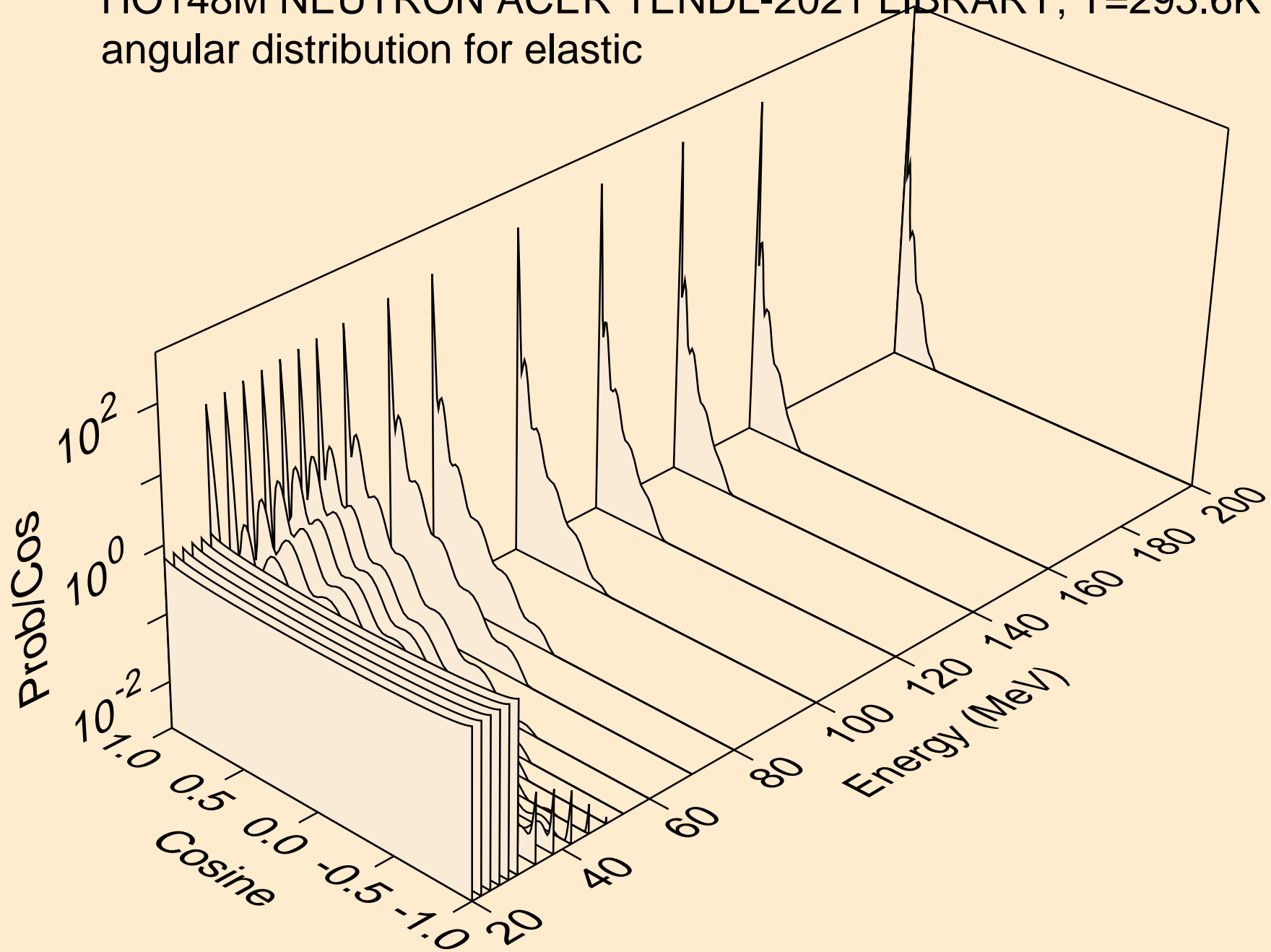
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



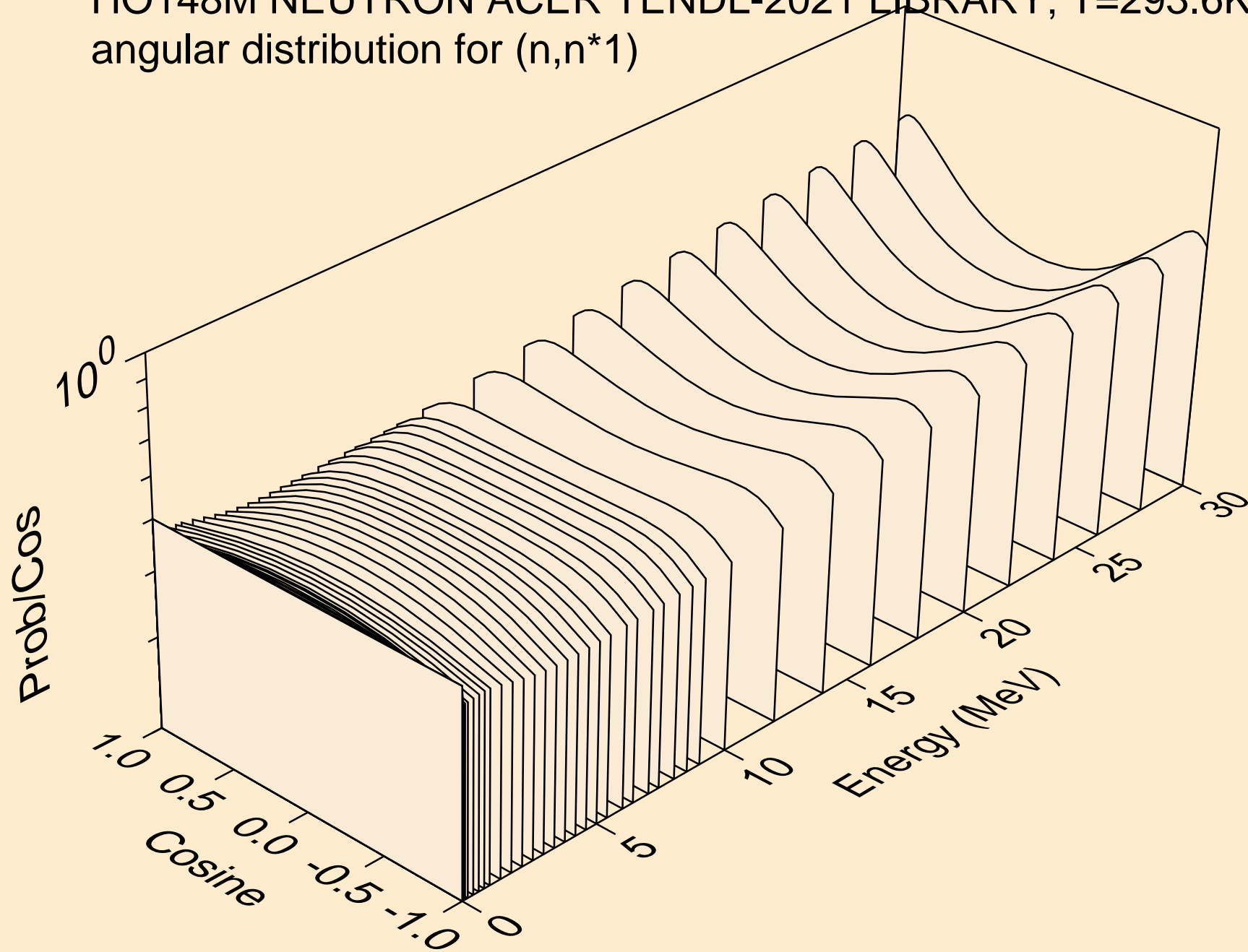
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angular distribution for elastic



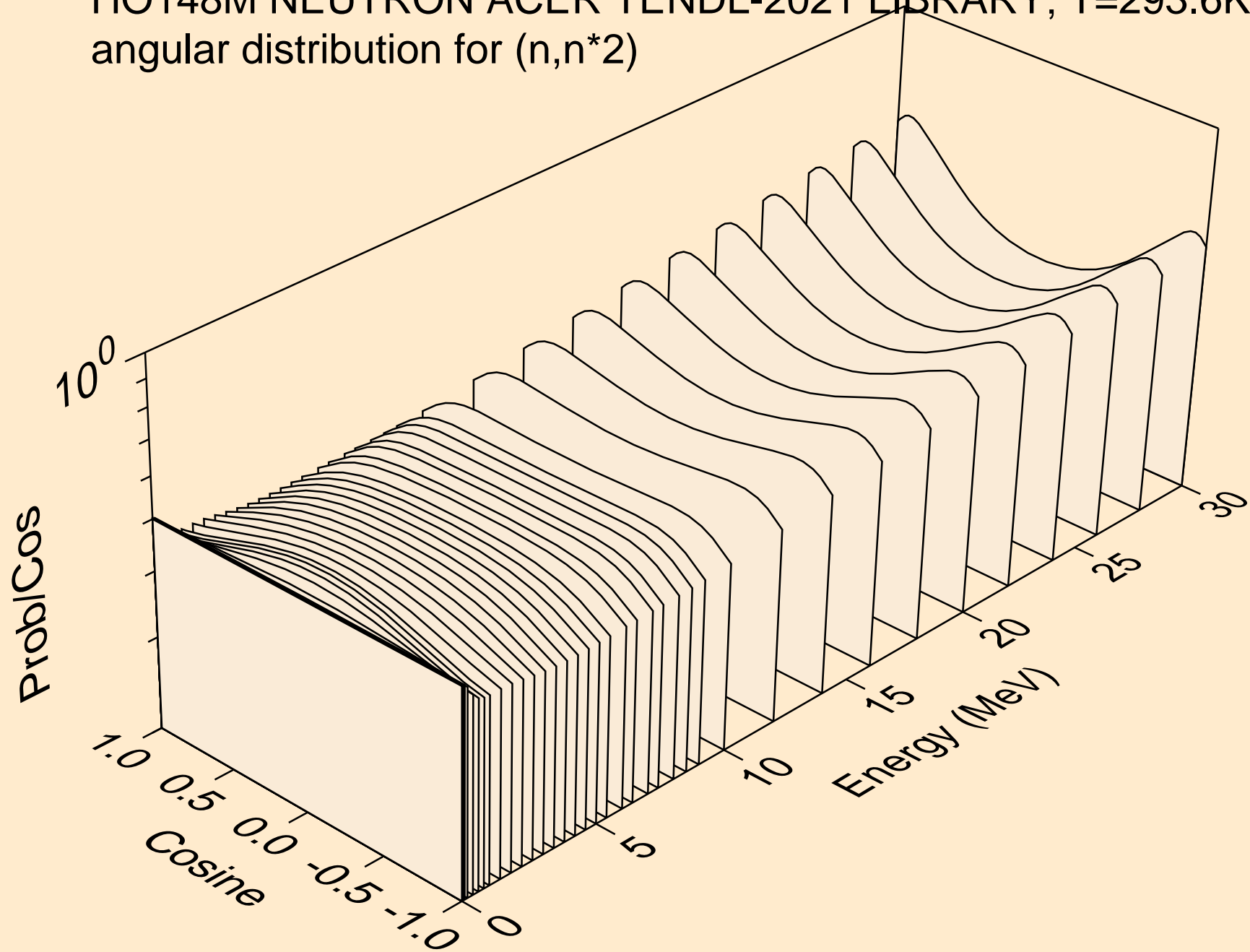
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angular distribution for elastic



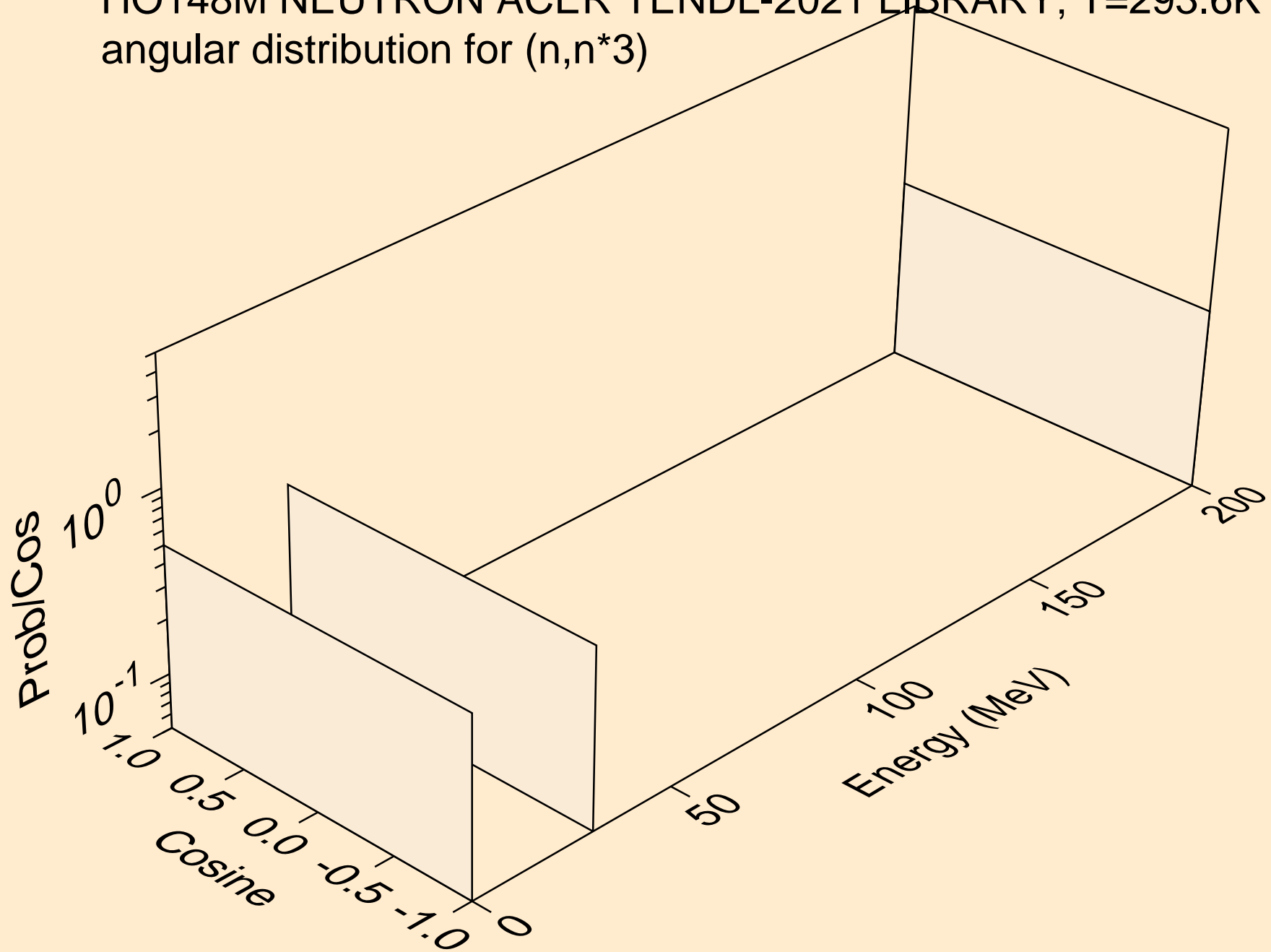
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



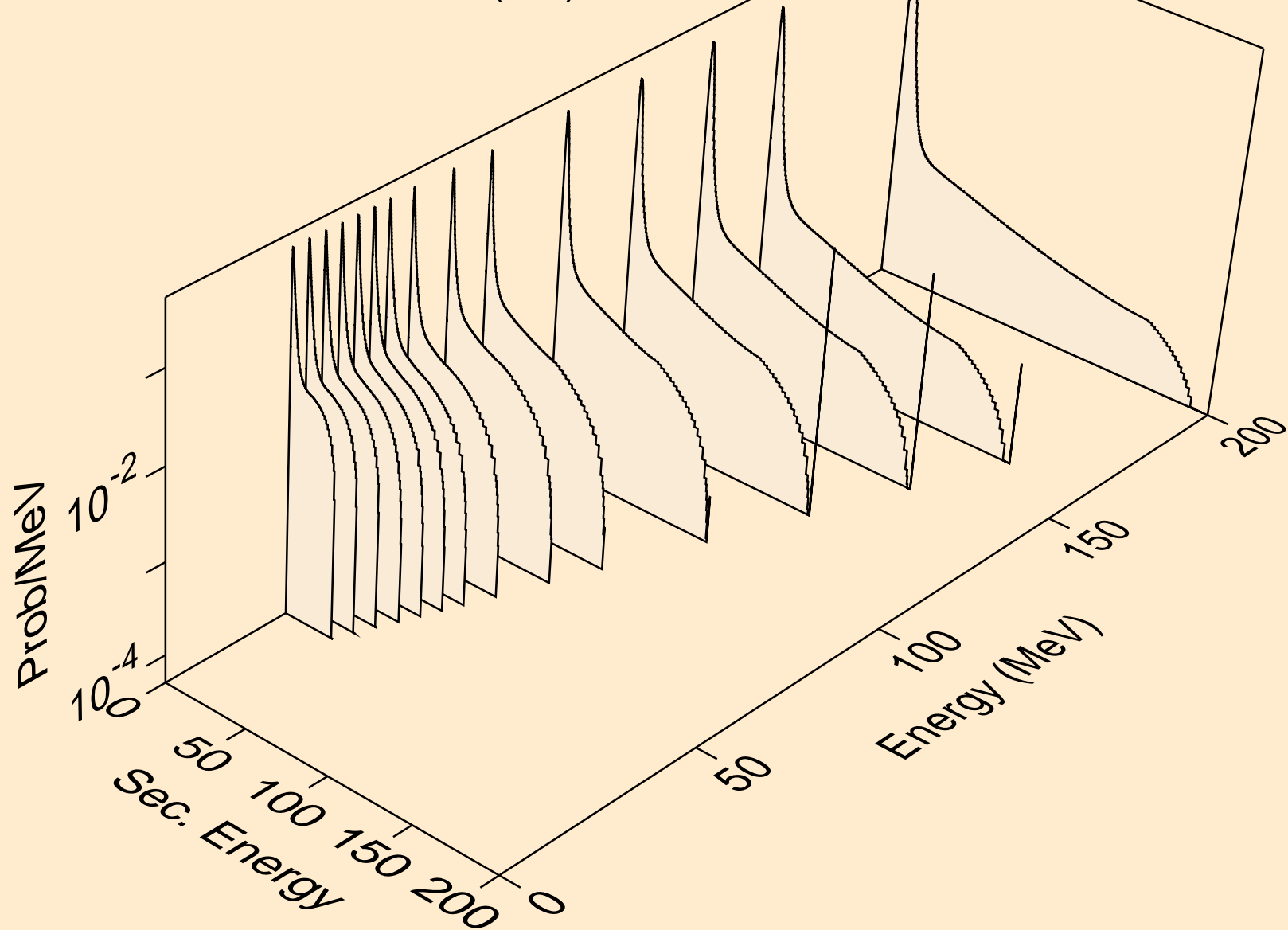
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



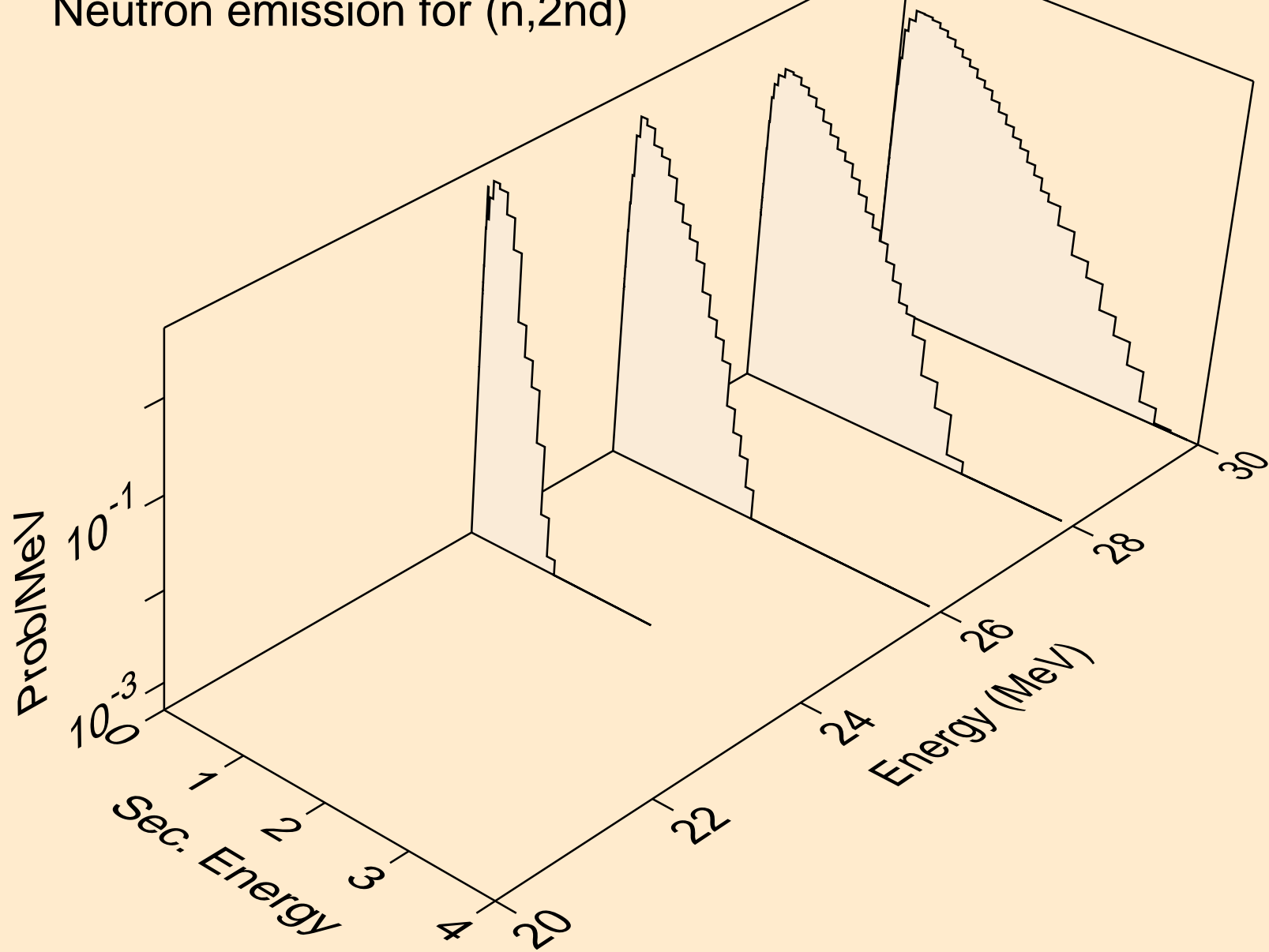
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)

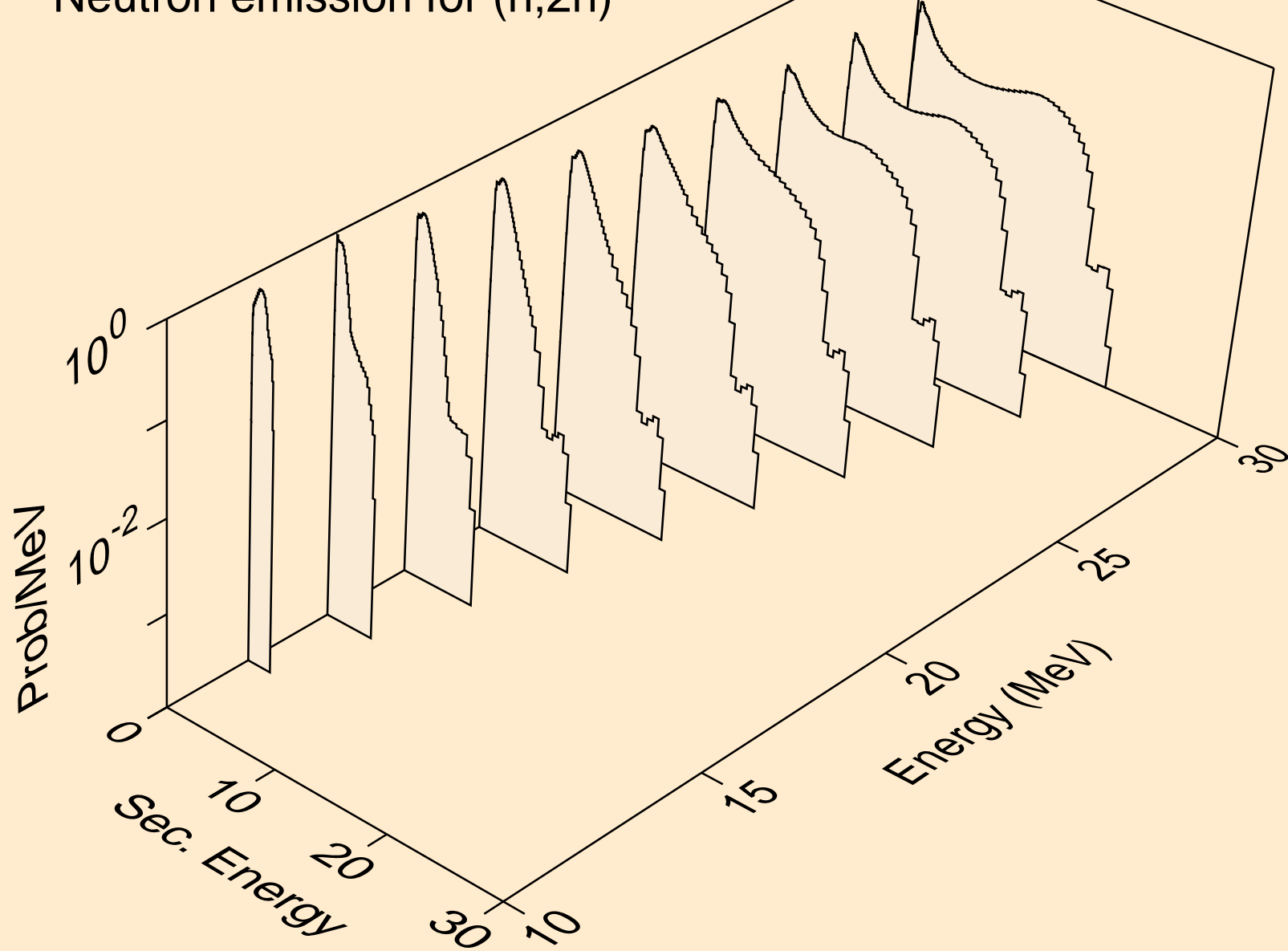


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Neutron emission for (n,2nd)

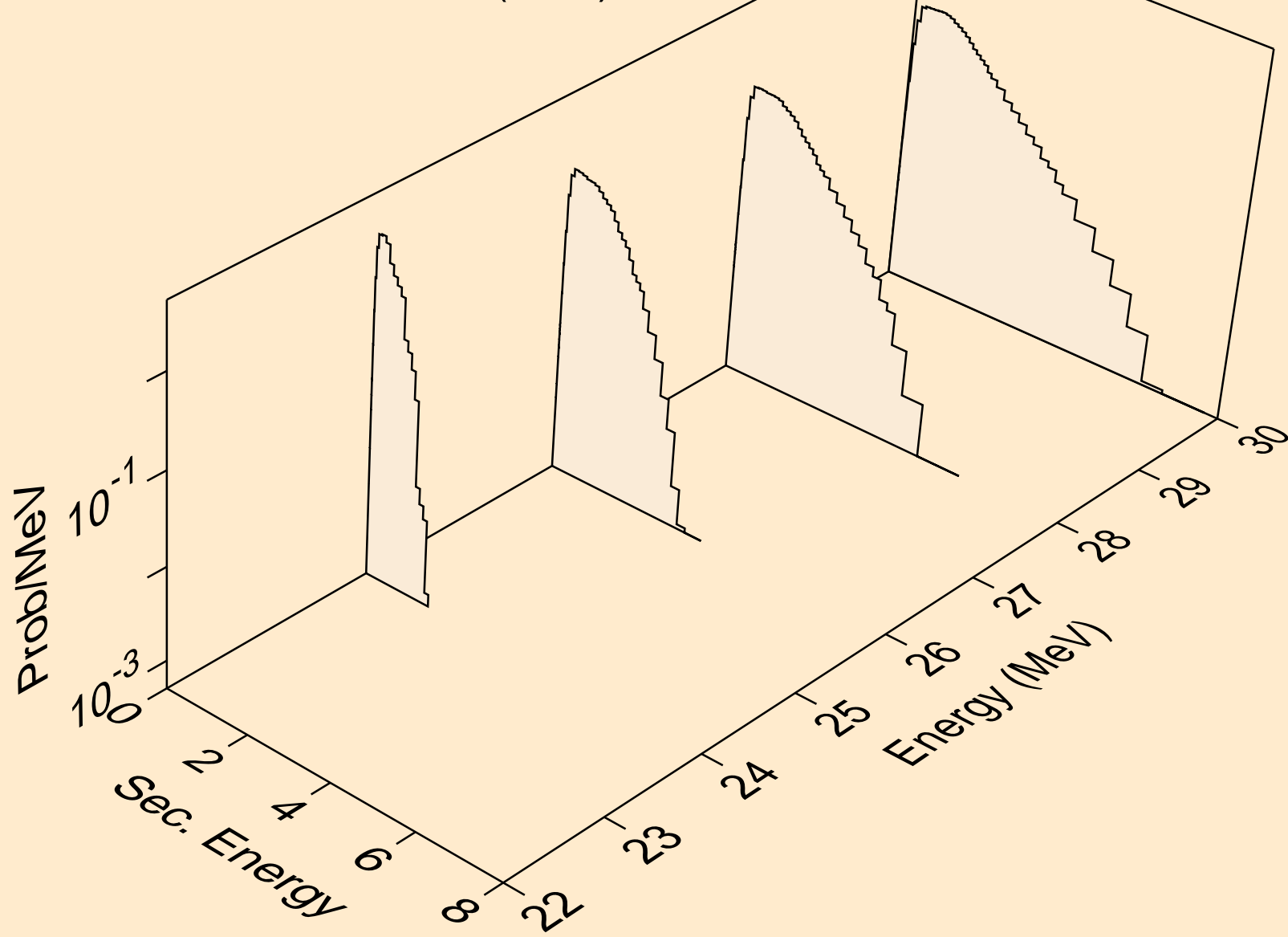




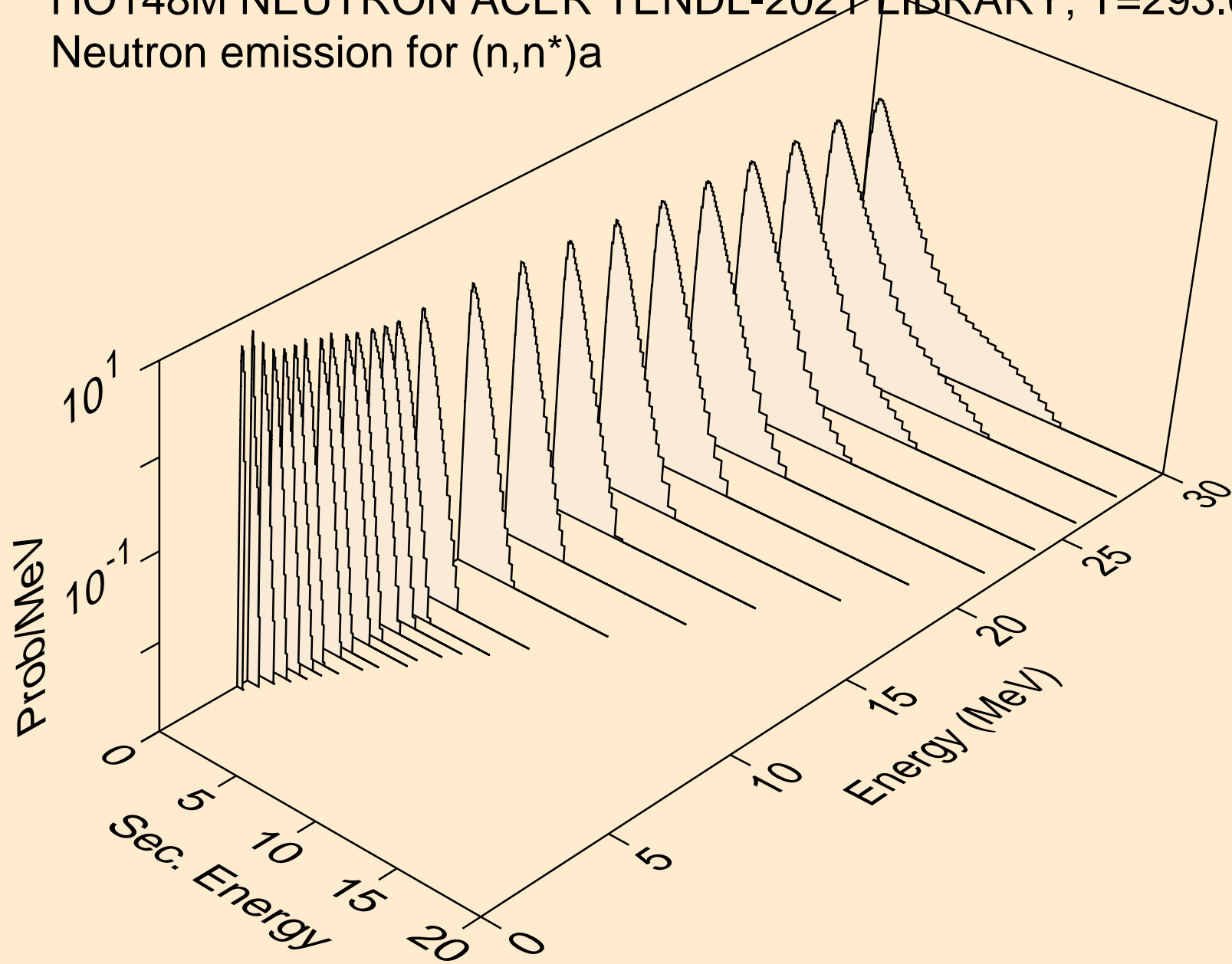
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Neutron emission for (n,2n)



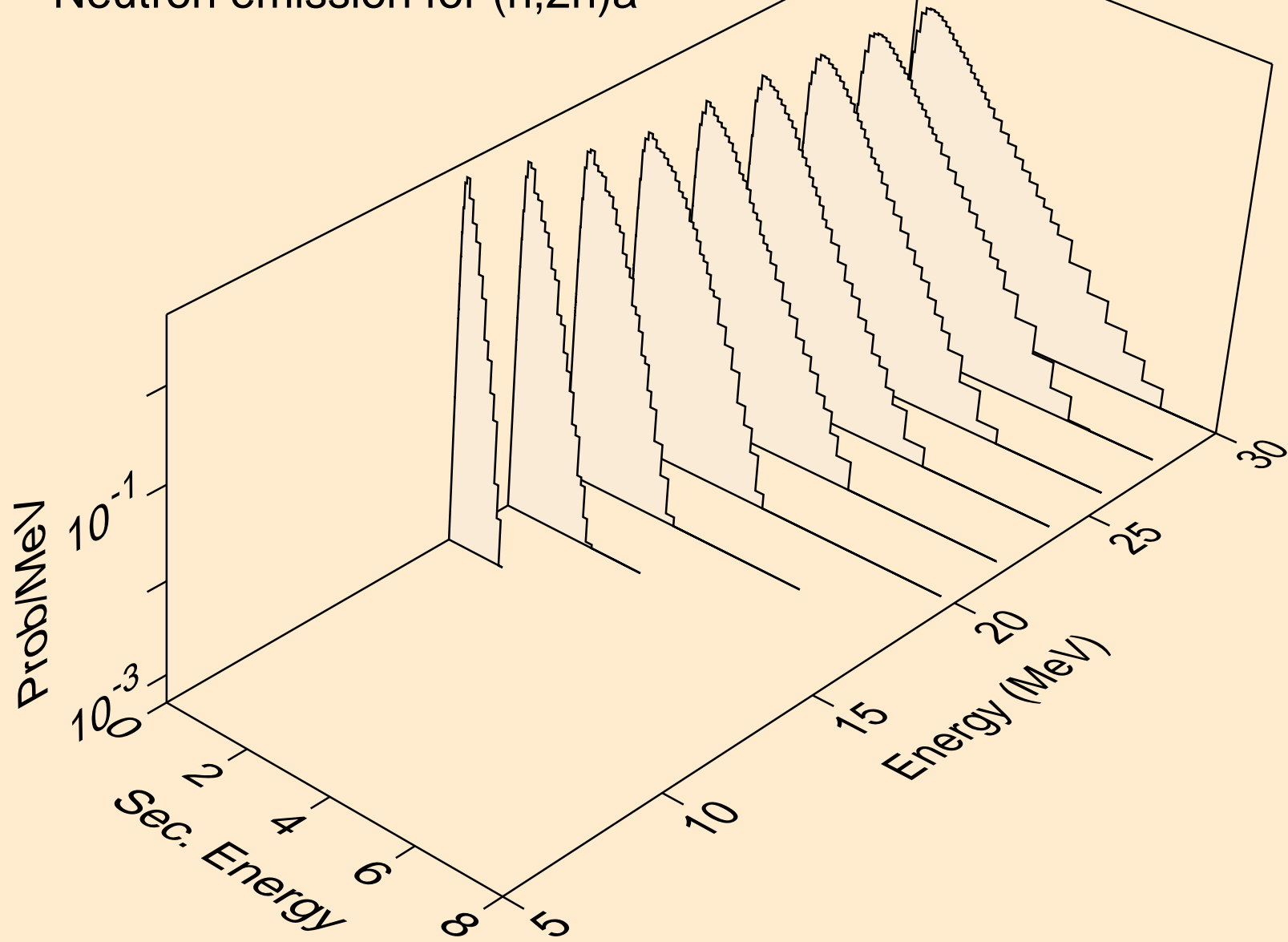
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Neutron emission for (n,3n)



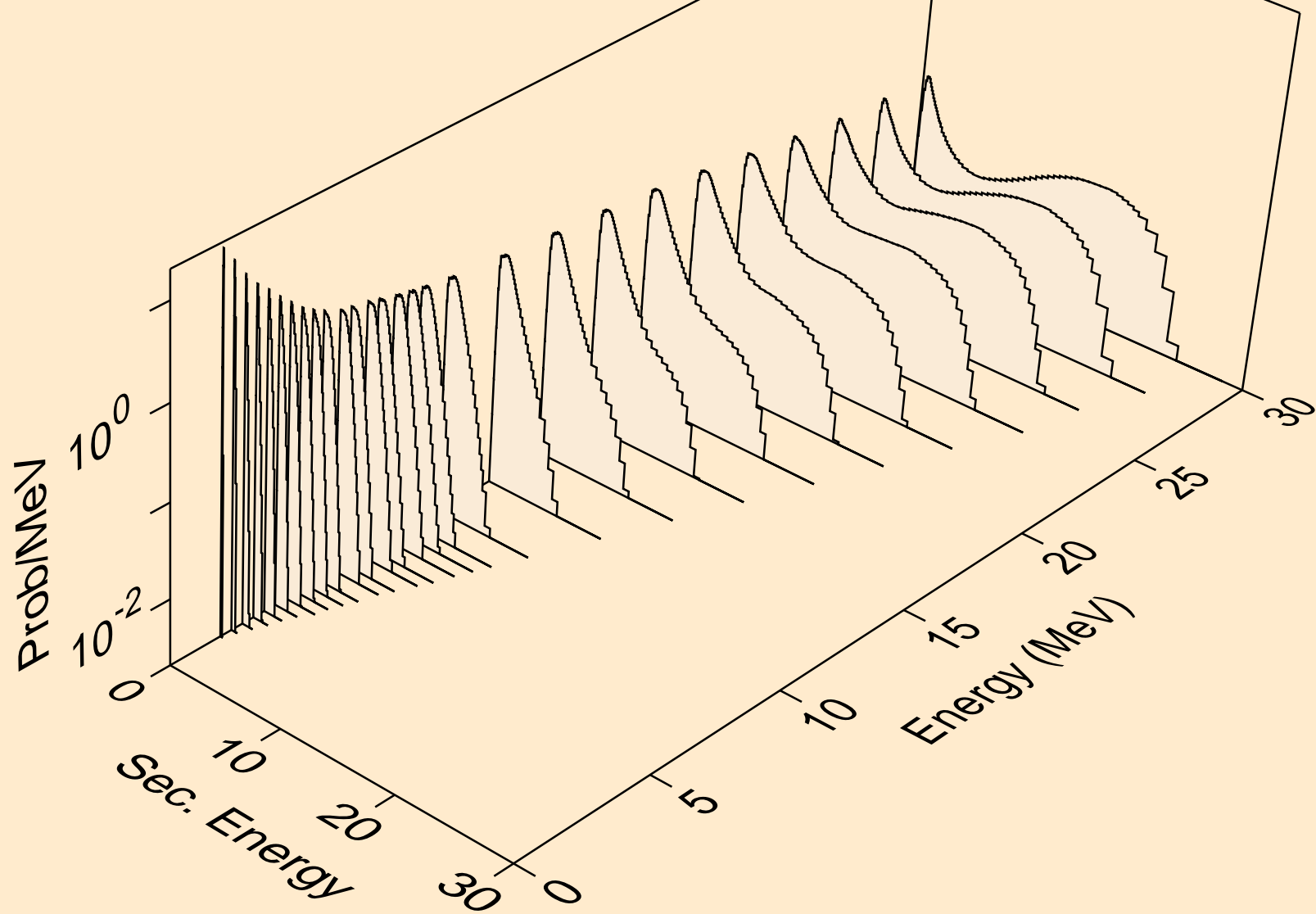
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



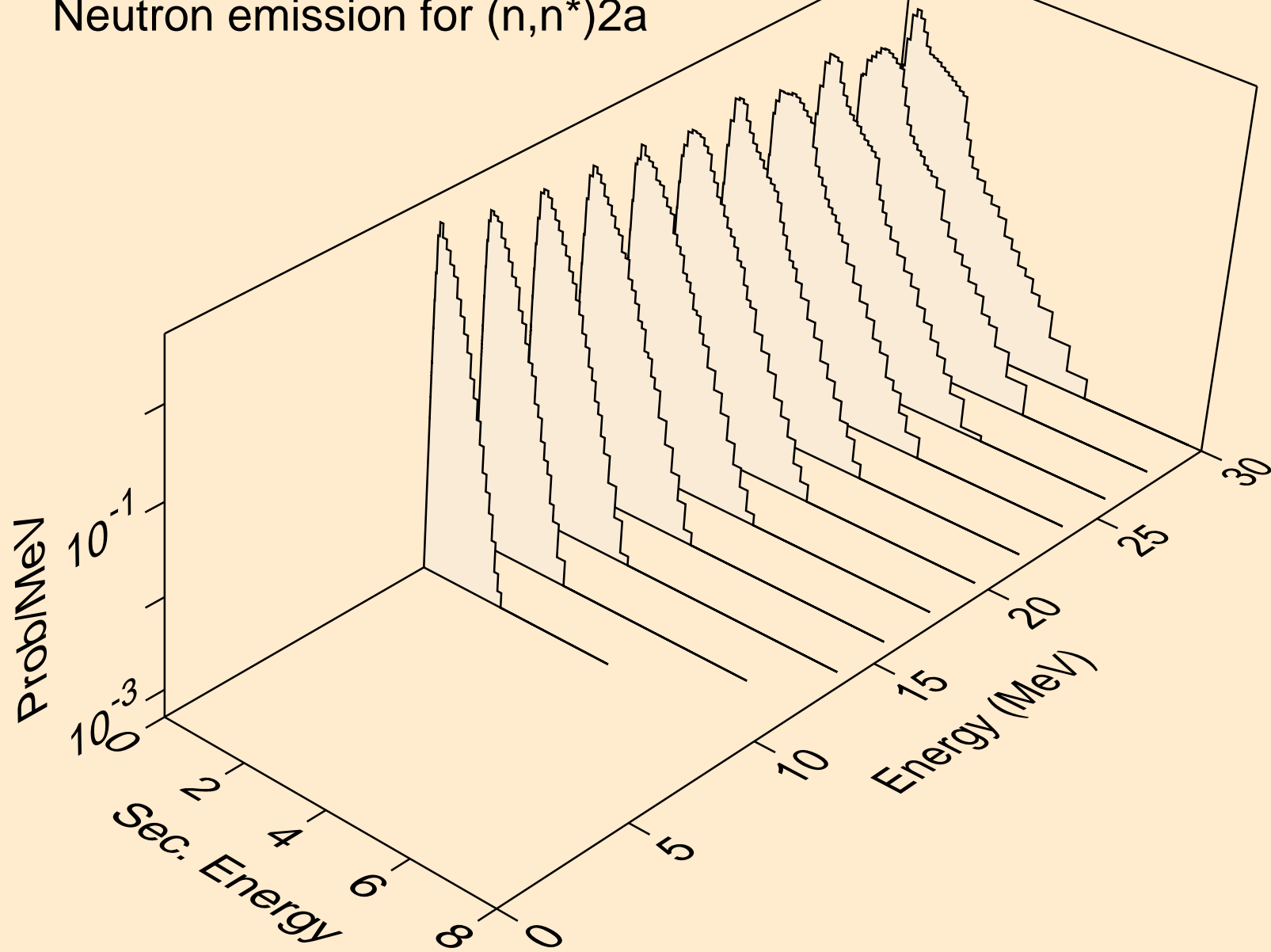
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Neutron emission for (n,2n)<sub>a</sub>



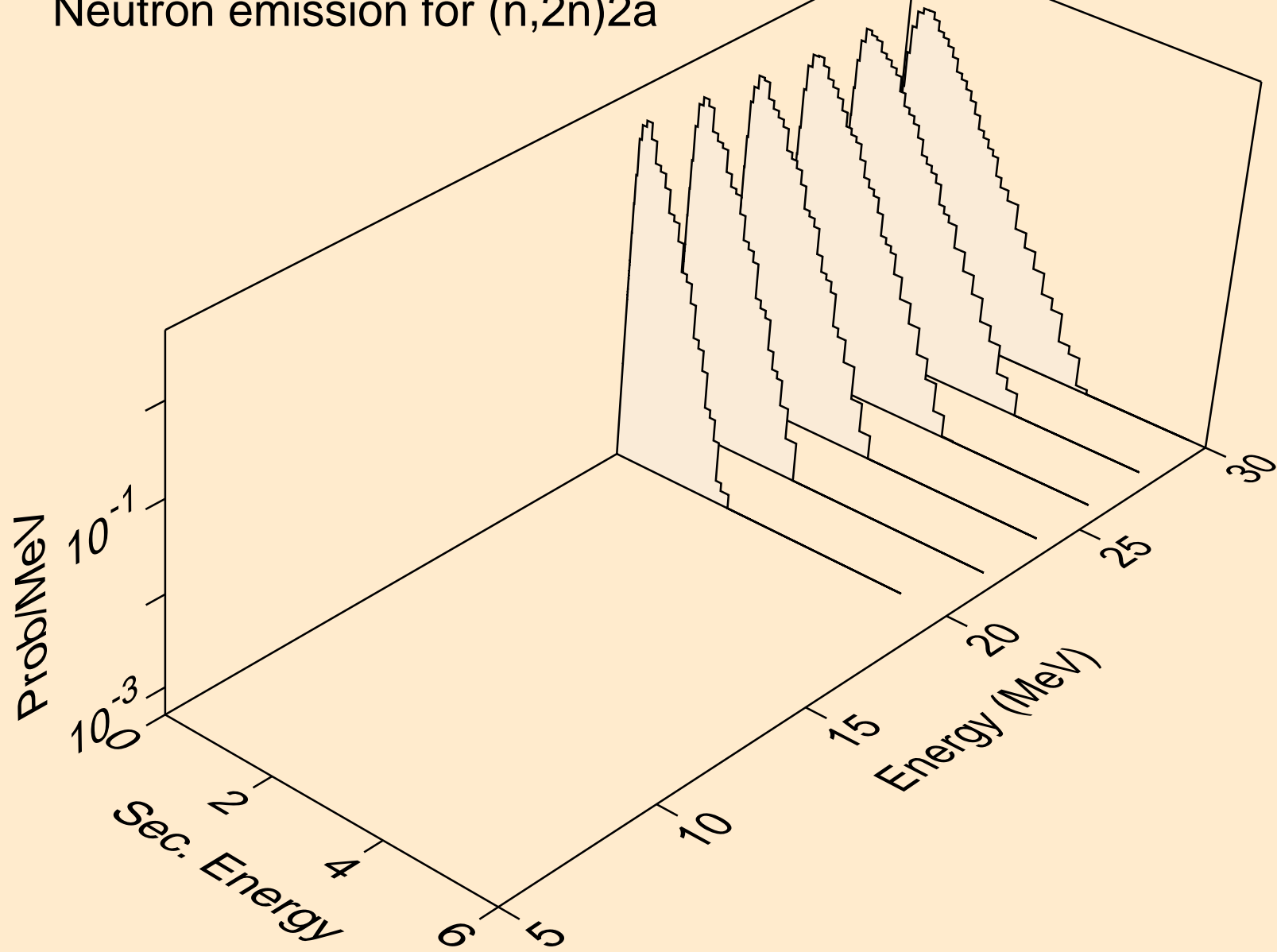
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Neutron emission for (n,n\*)p



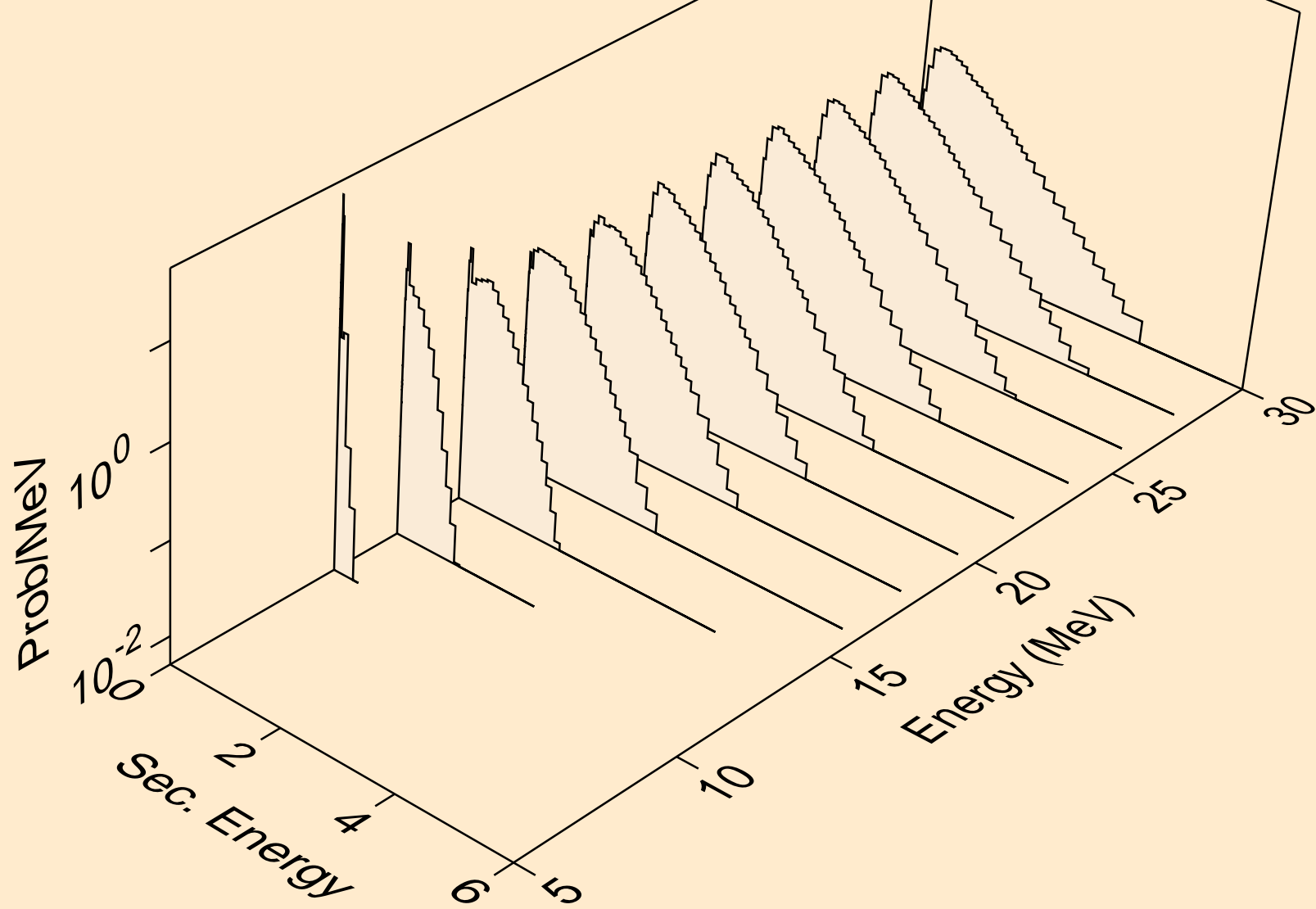
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a

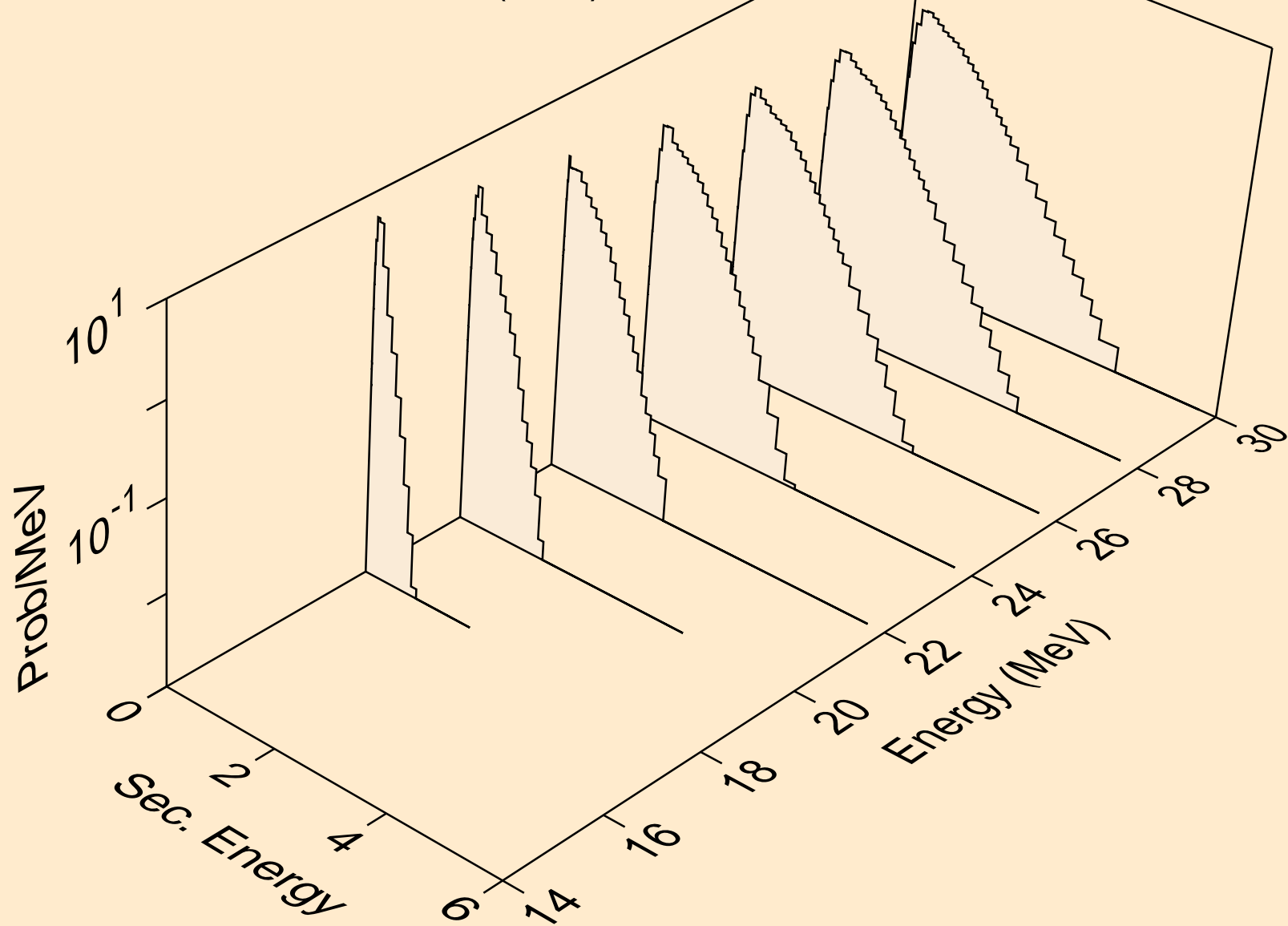


HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

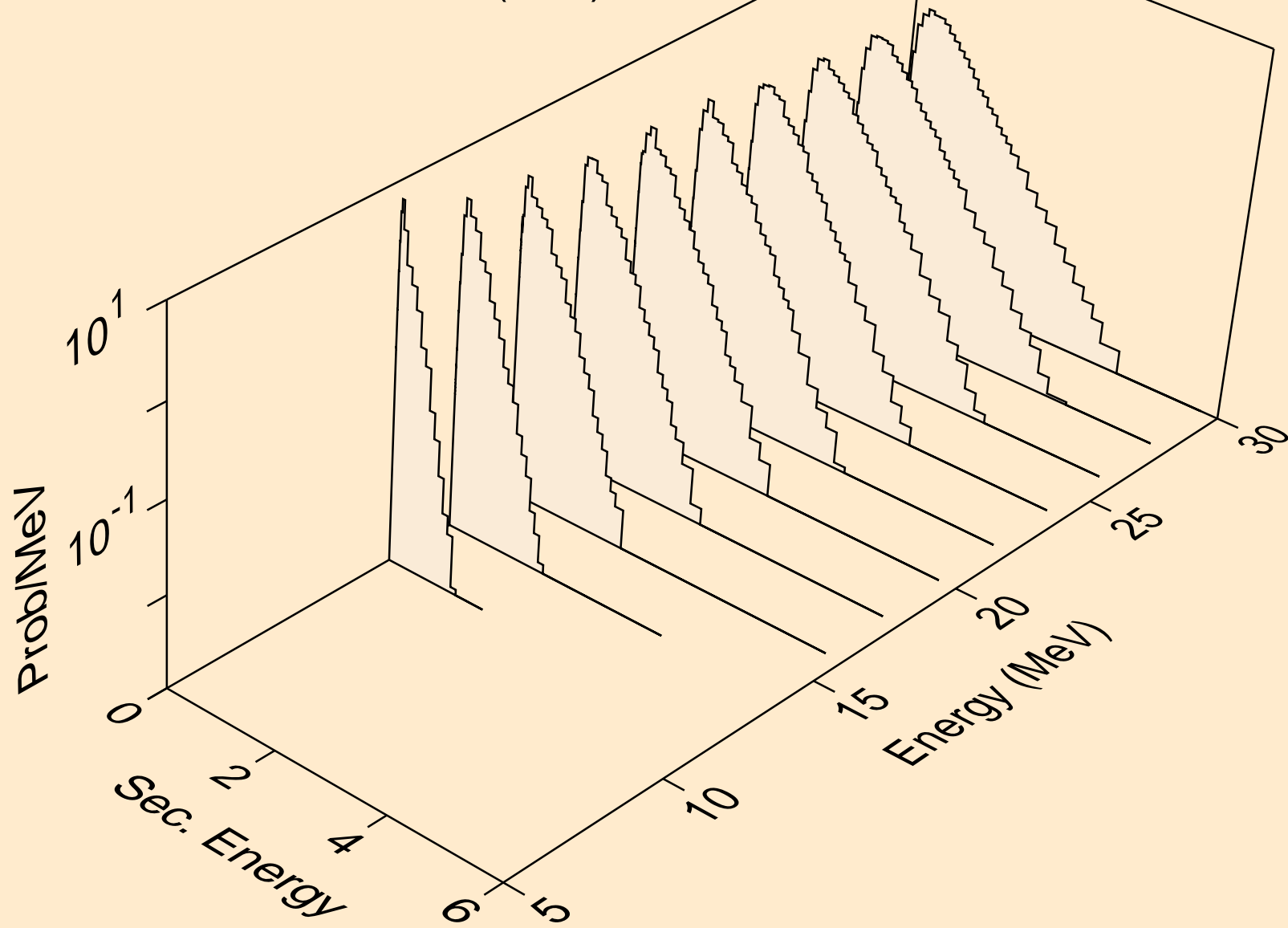




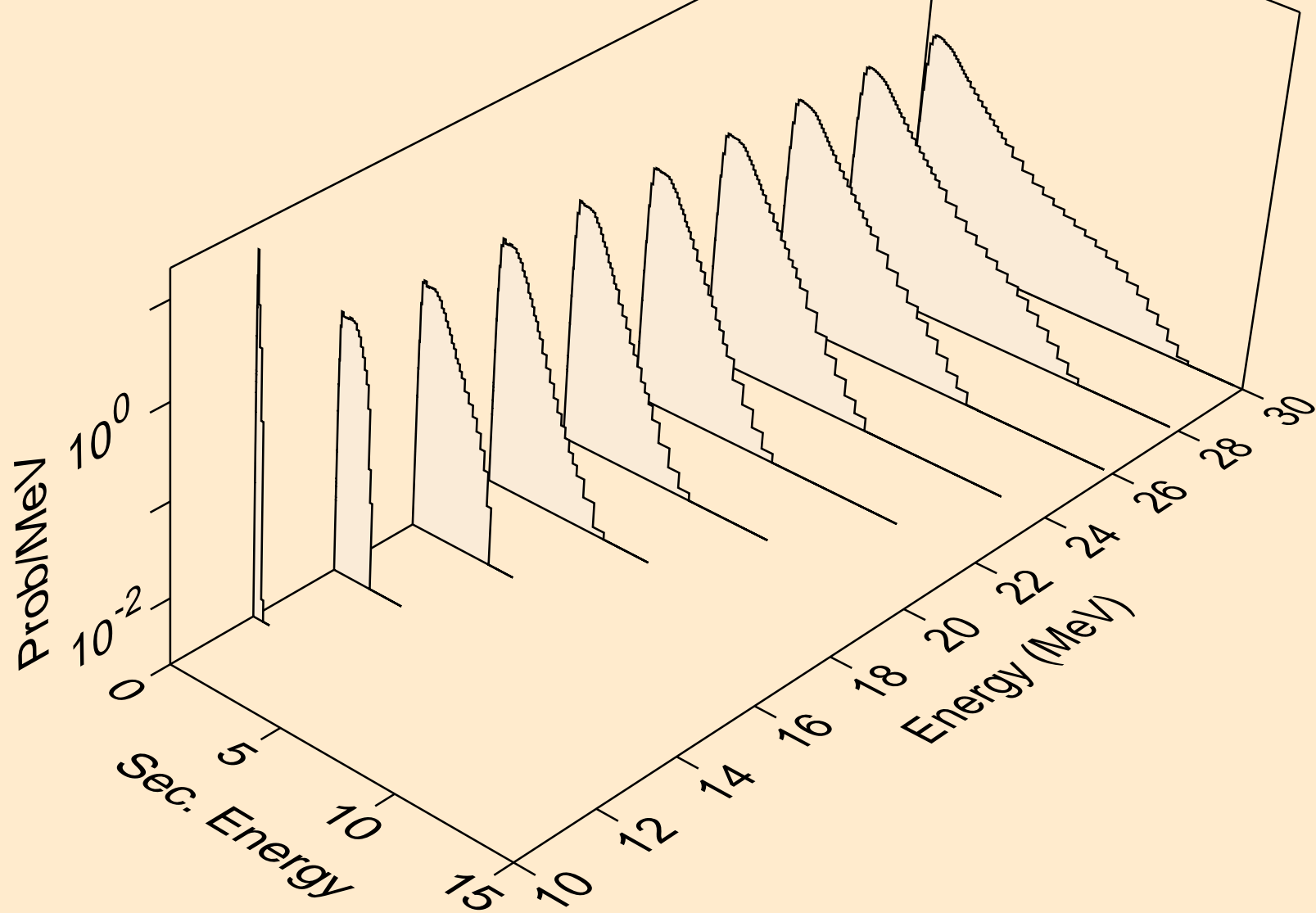
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



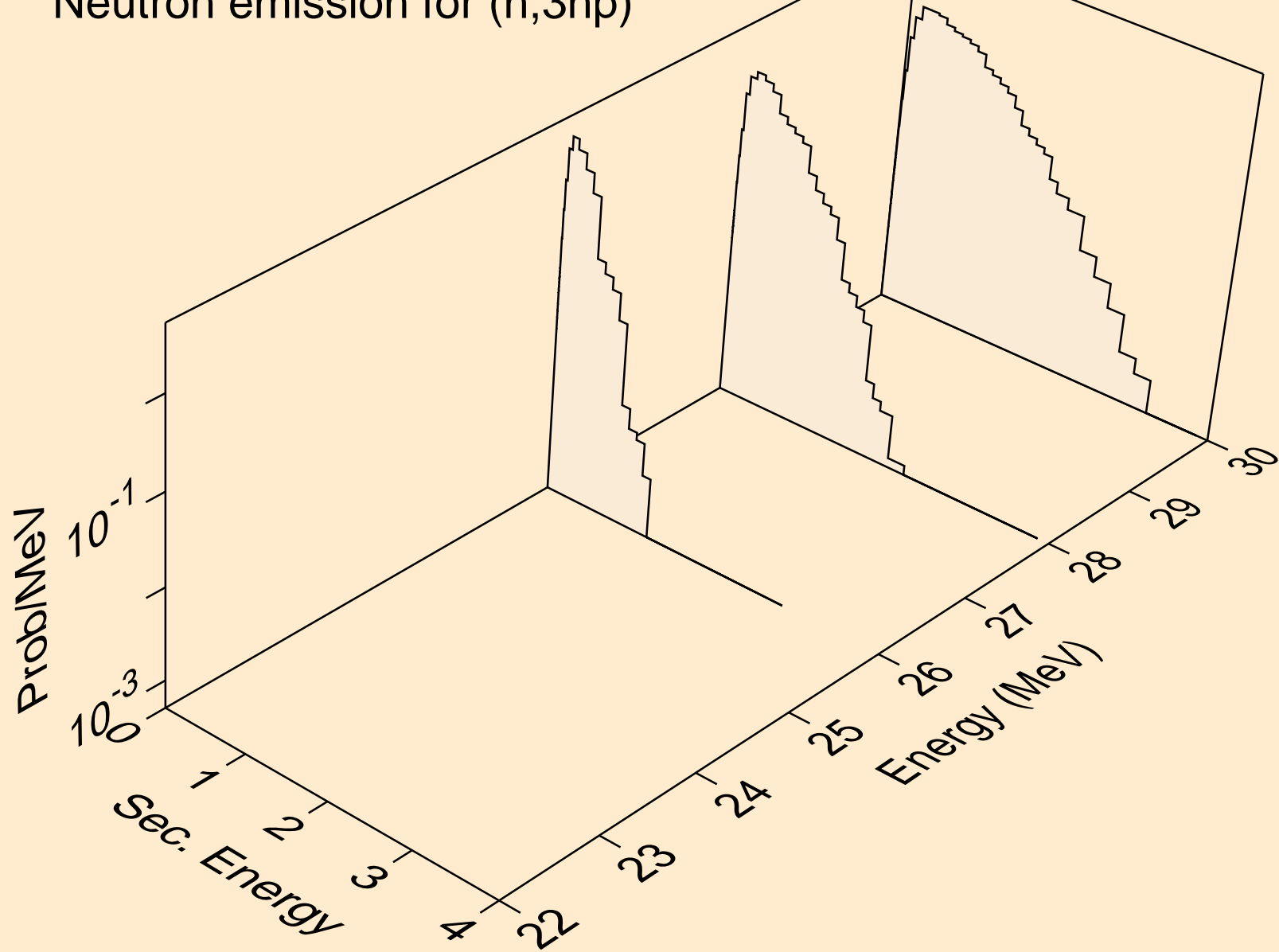
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Neutron emission for (n,n\*)he3



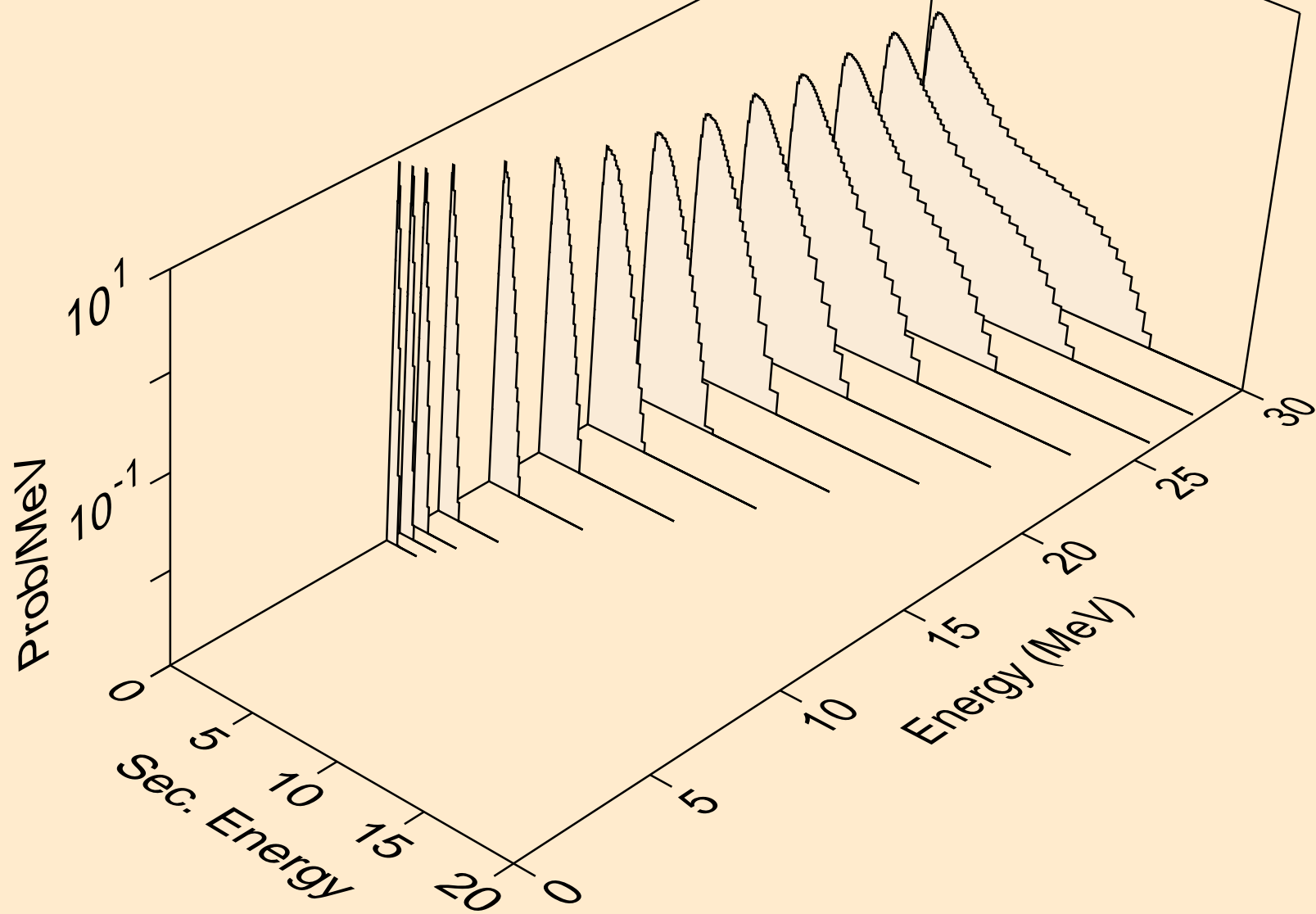
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Neutron emission for (n,2np)



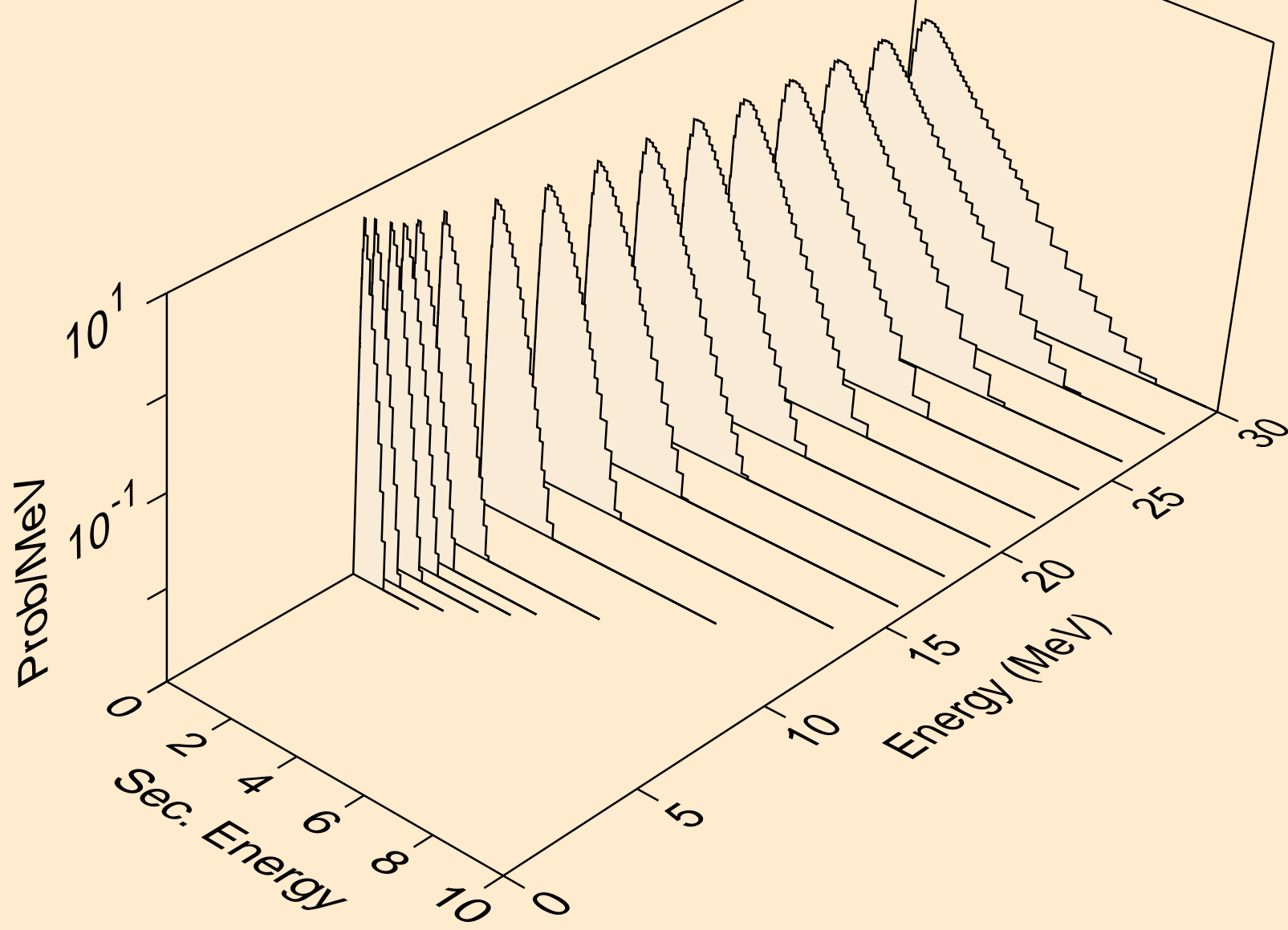
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Neutron emission for (n,3np)



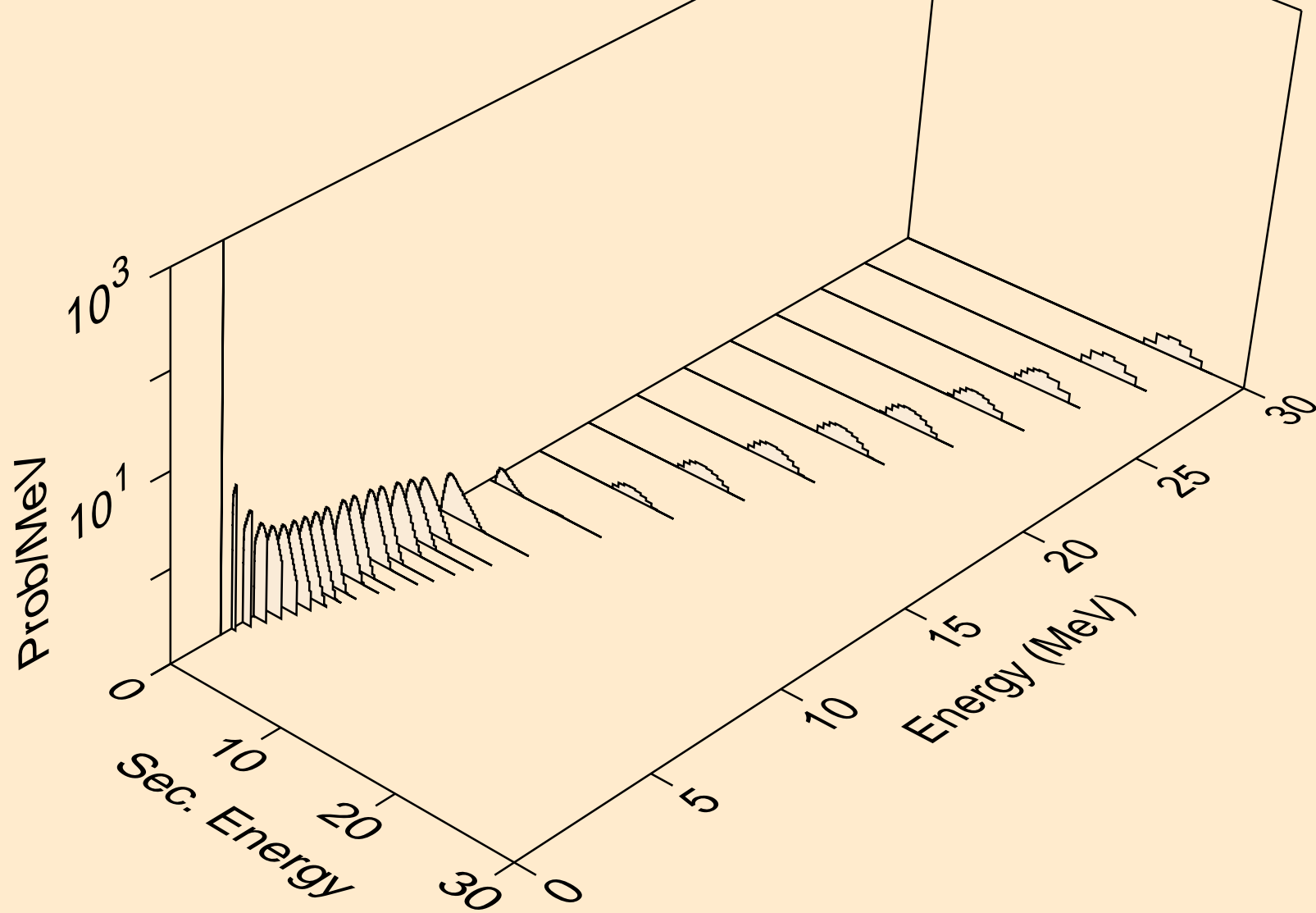
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Neutron emission for (n,2np)



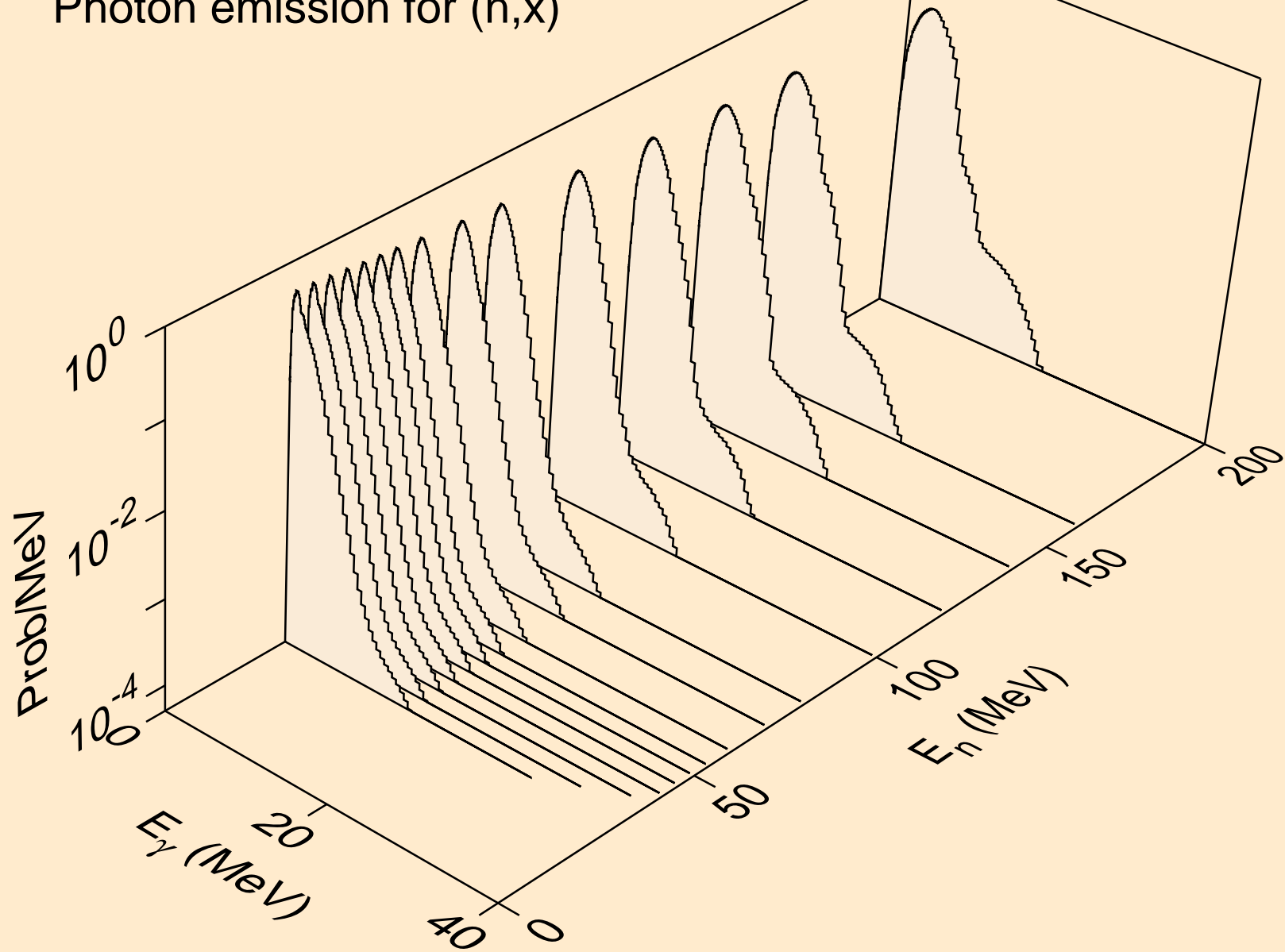
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)

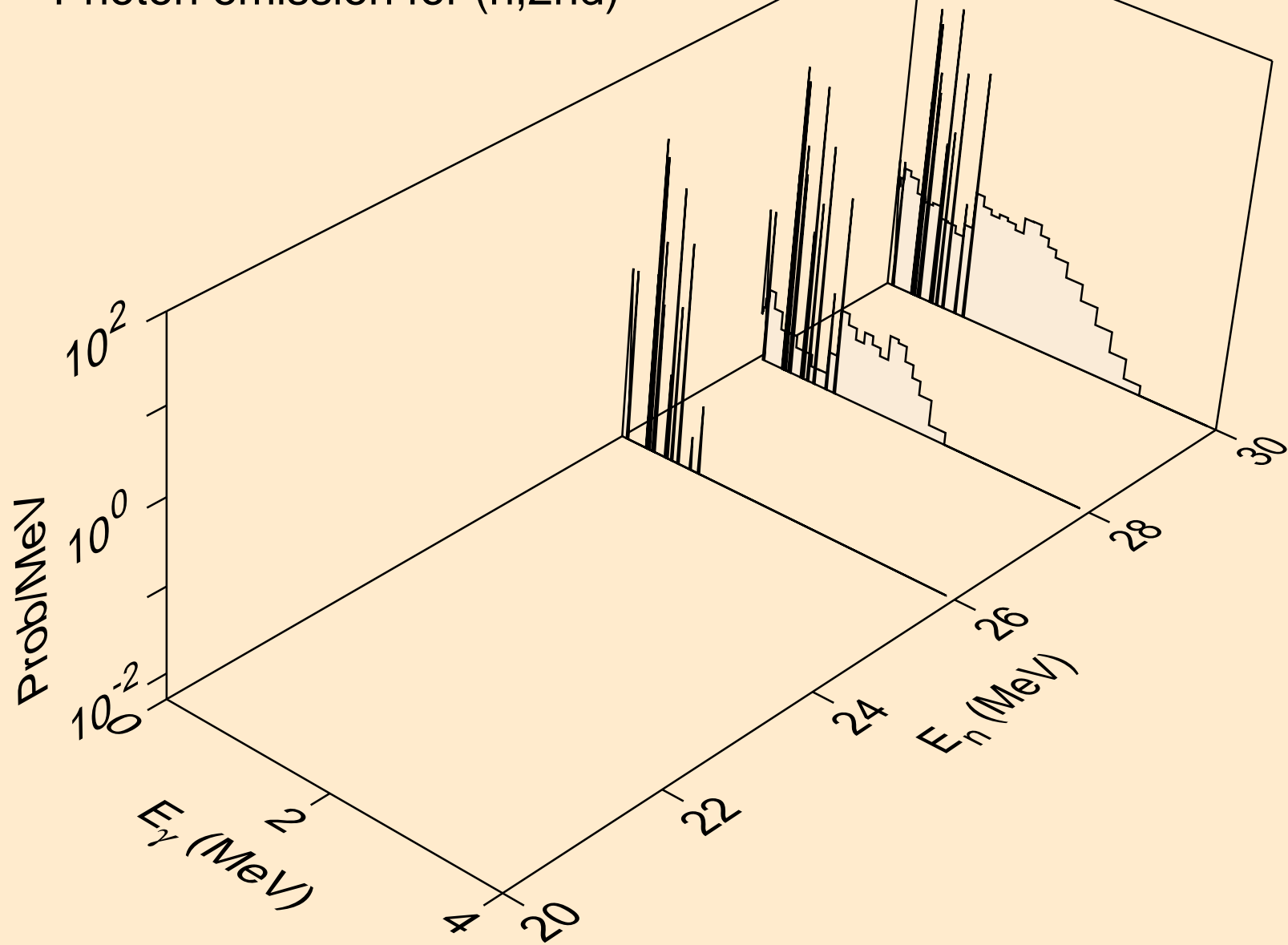


HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)

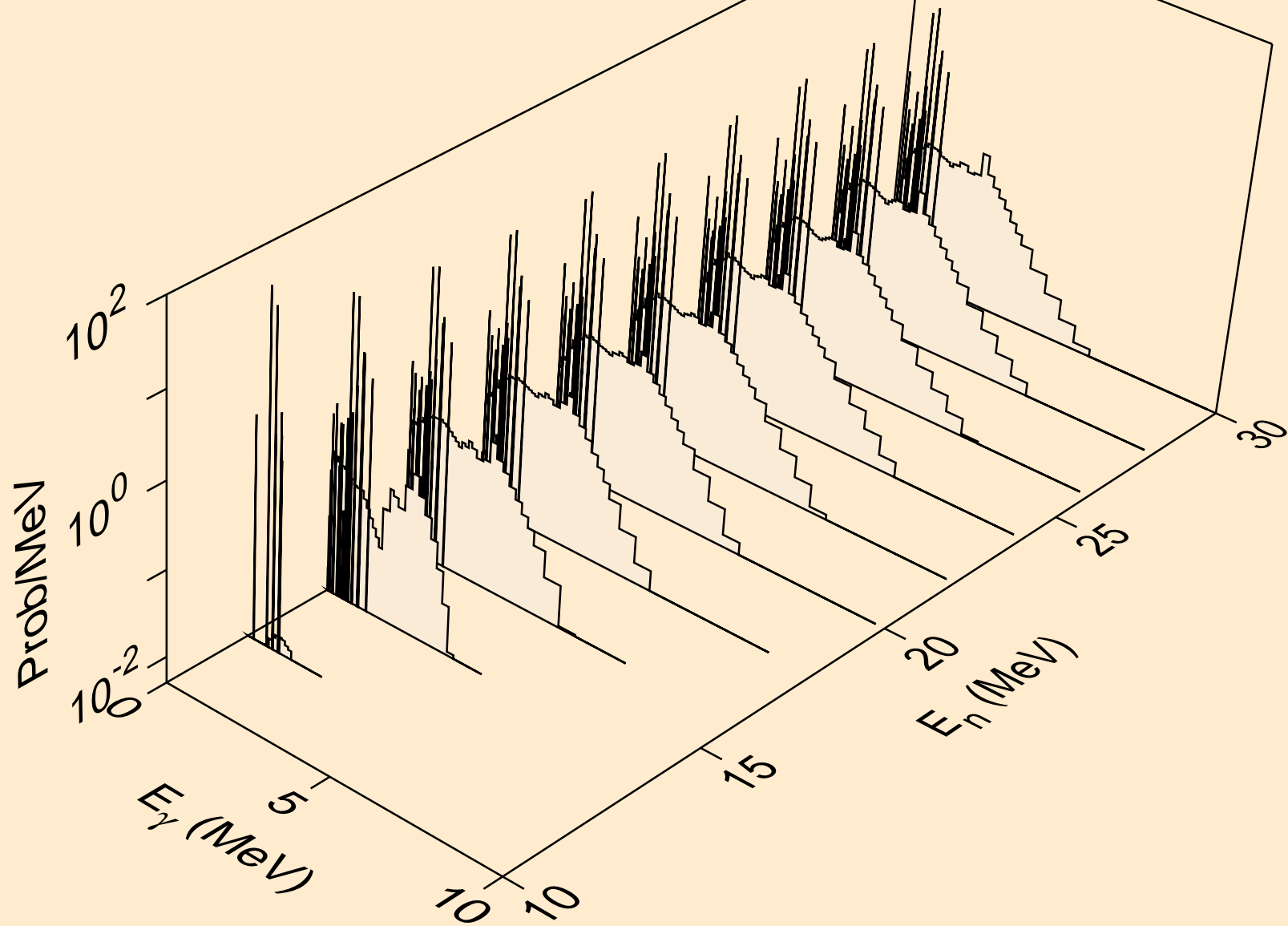




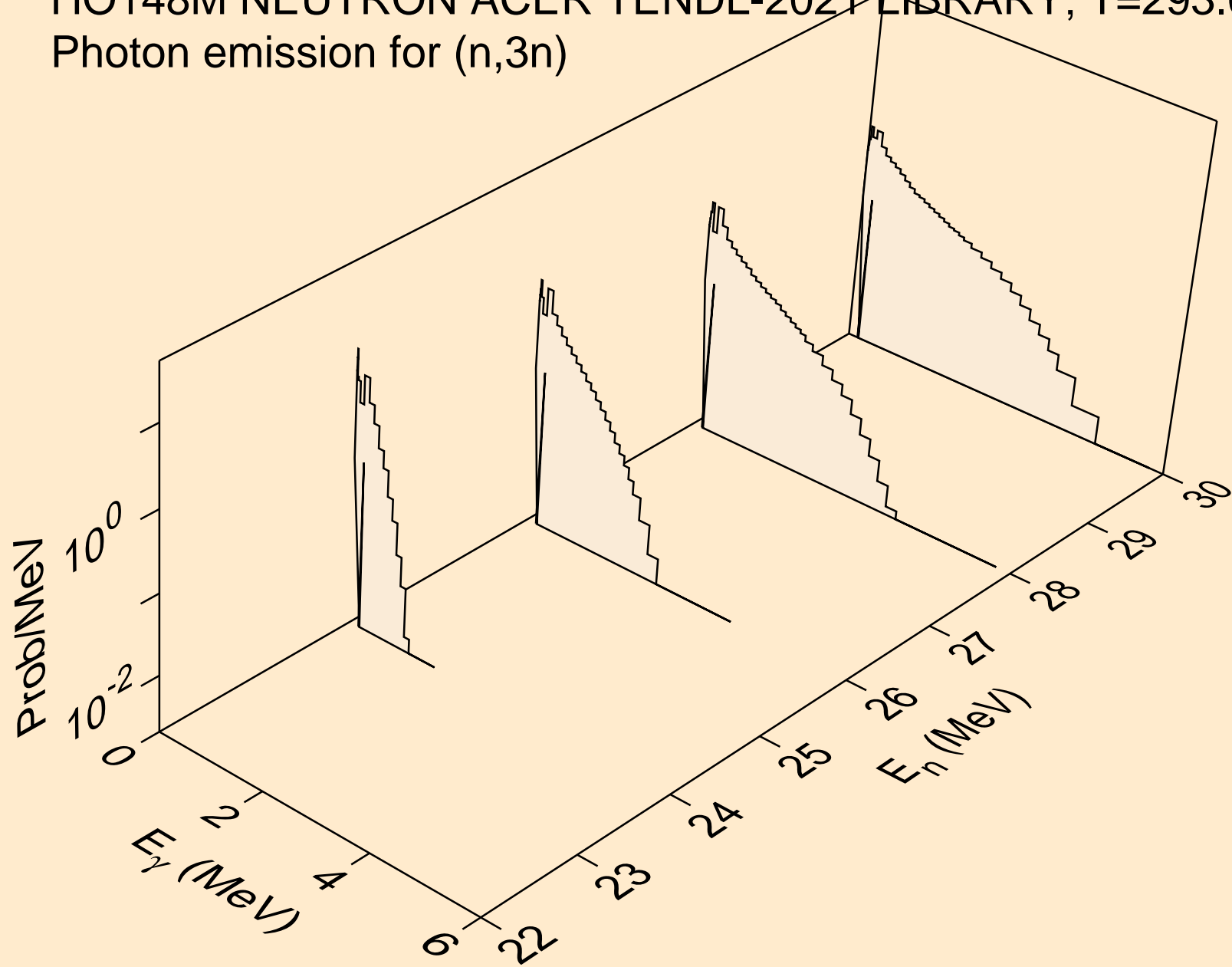
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



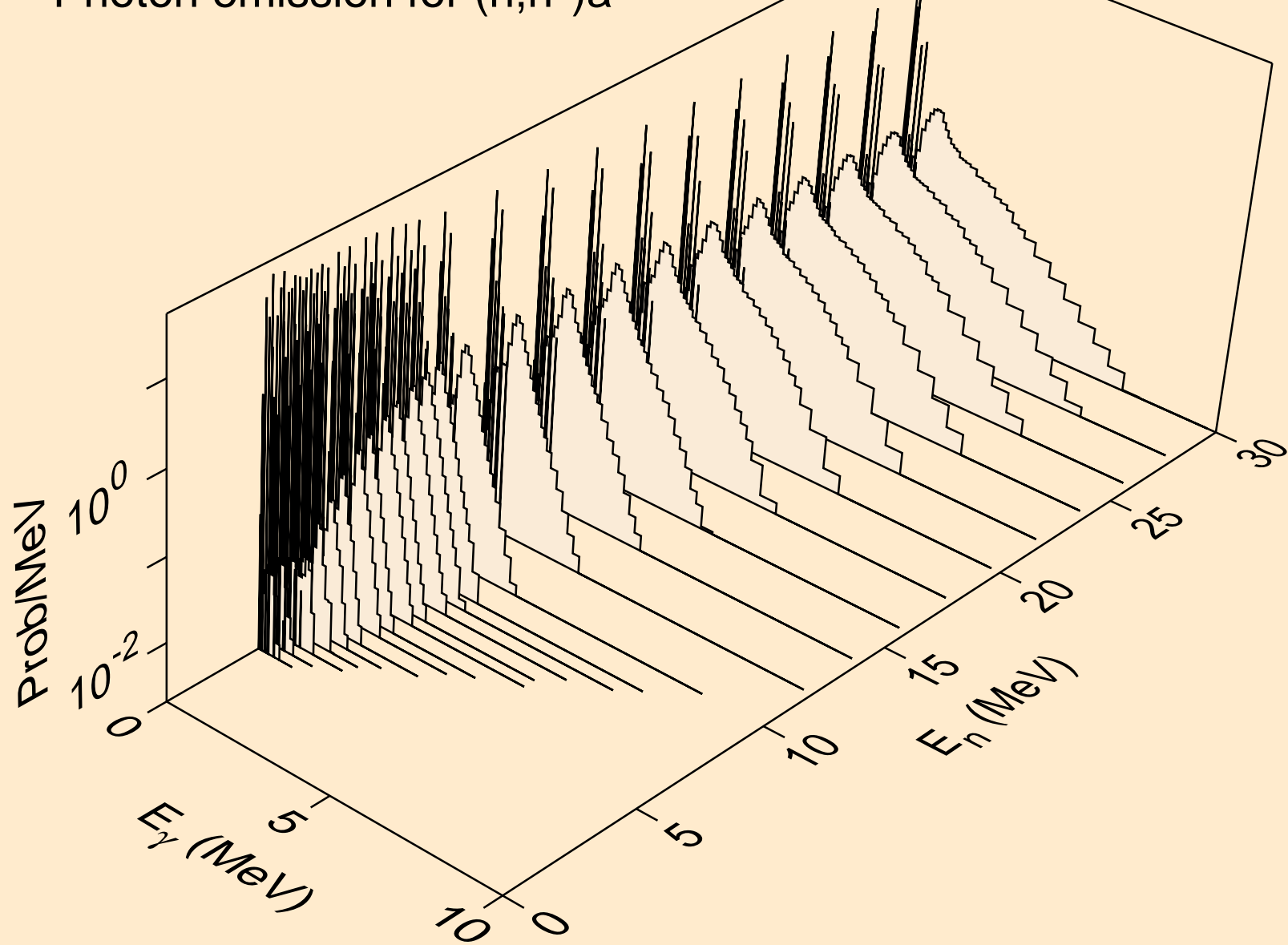
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Photon emission for (n,2n)



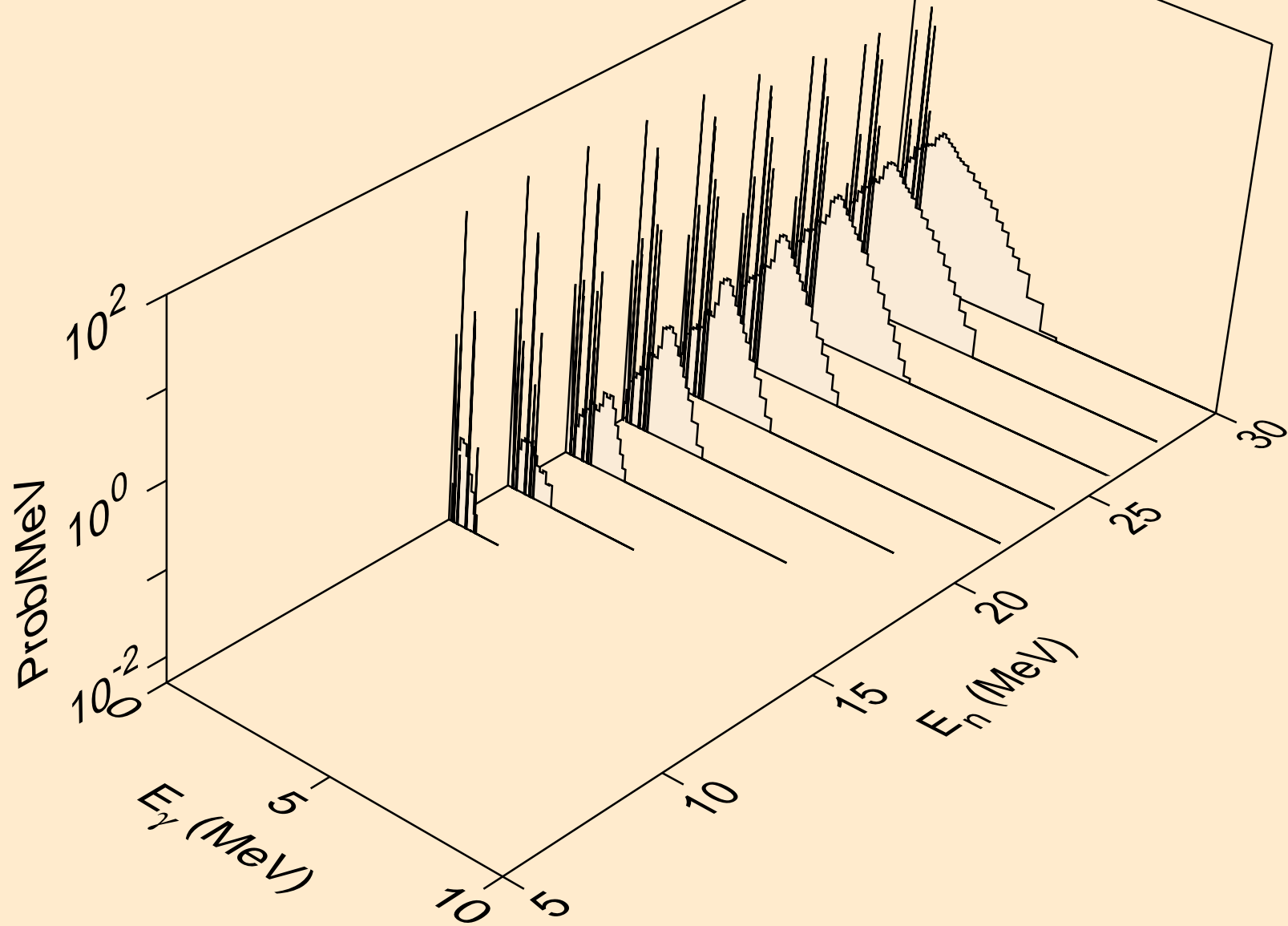
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Photon emission for (n,3n)



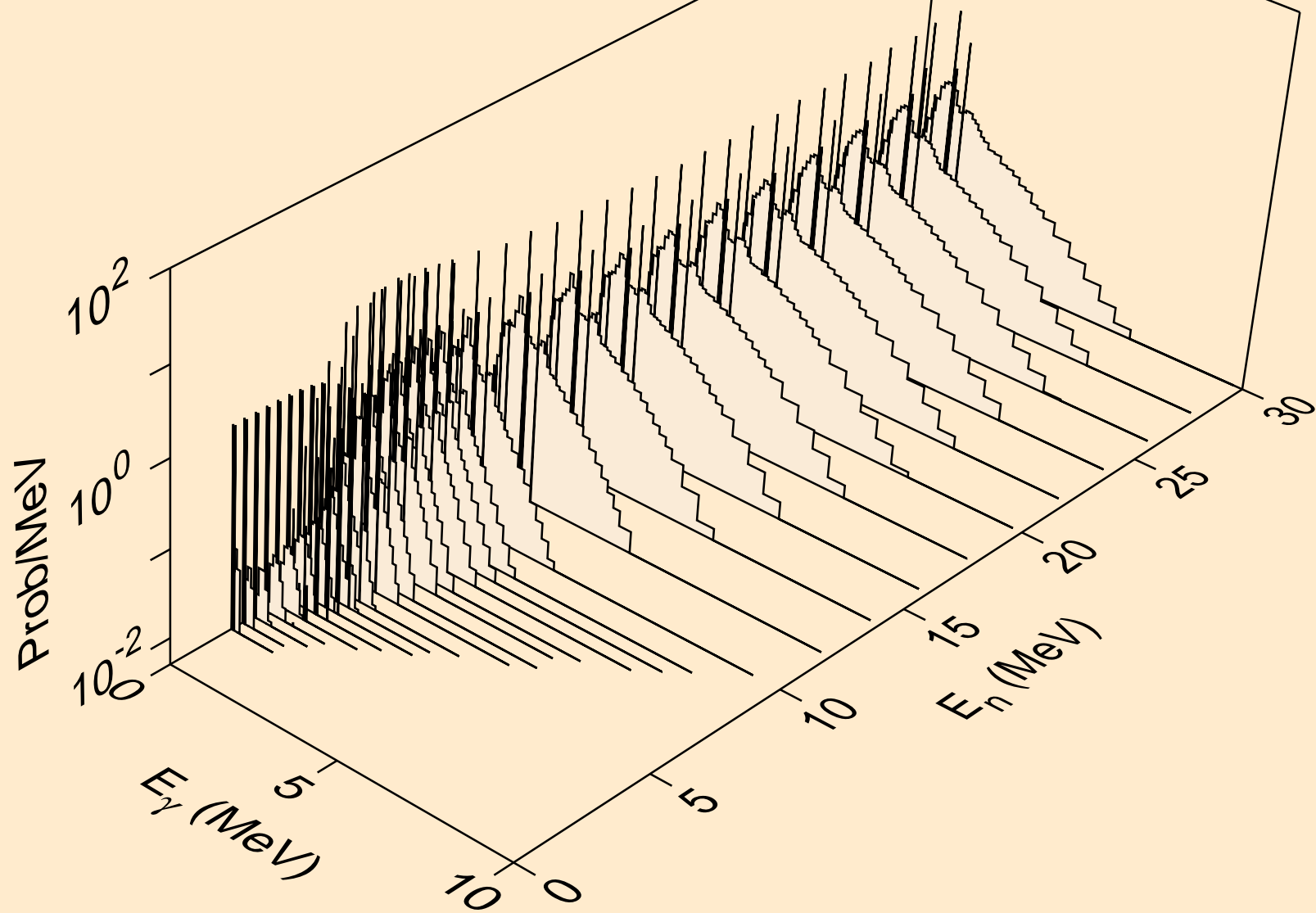
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Photon emission for (n,n\*)a



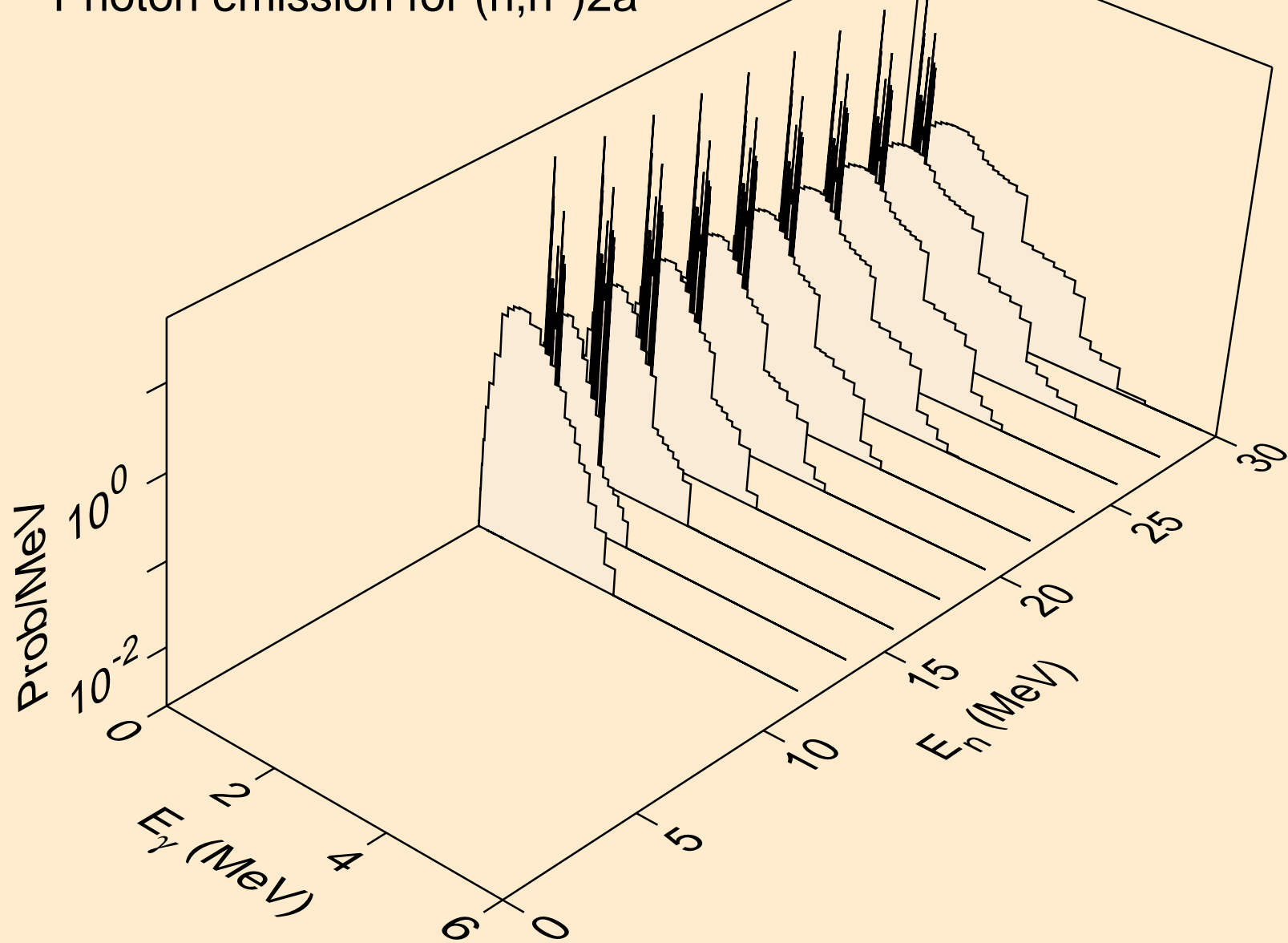
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Photon emission for (n,2n)a



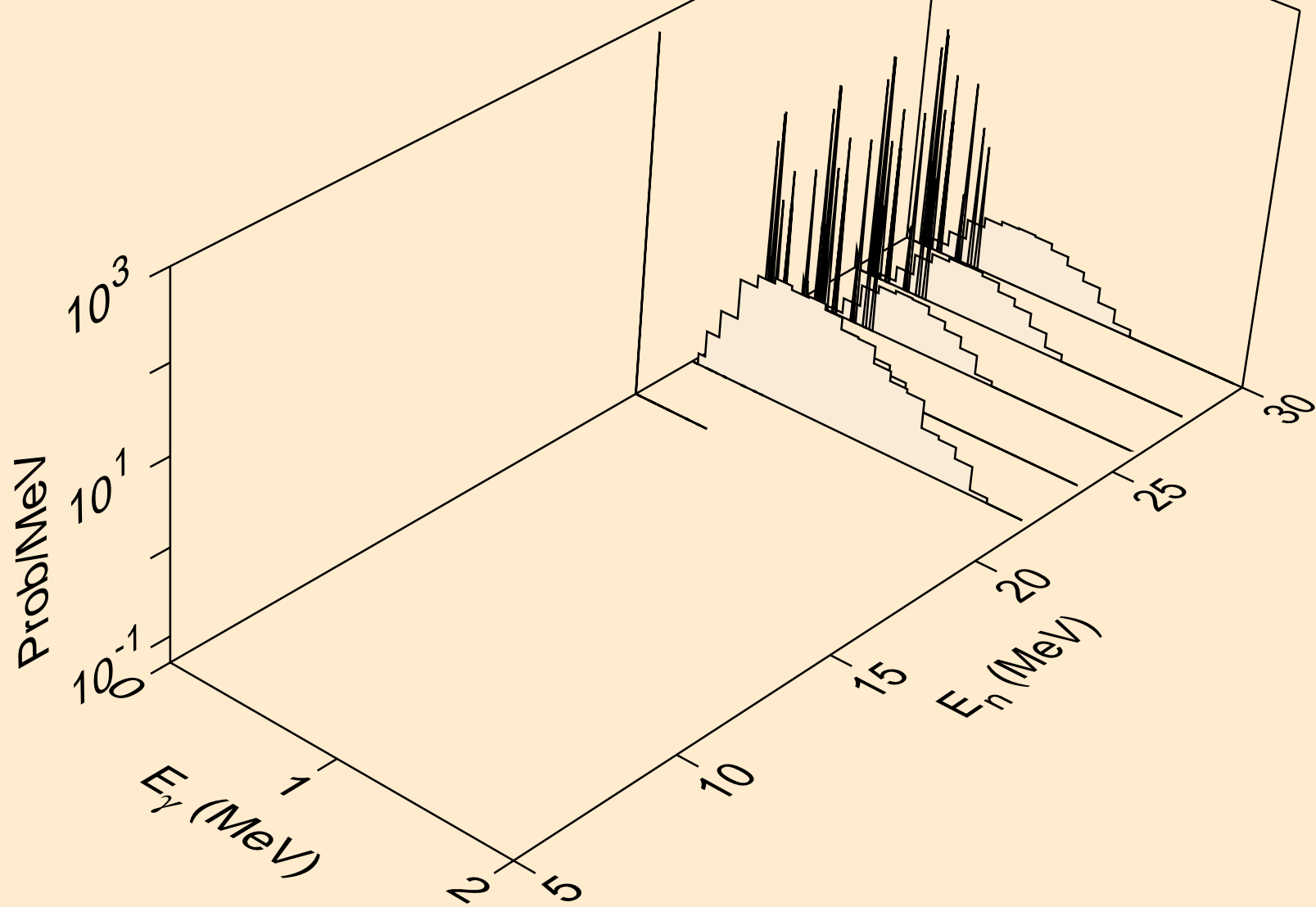
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a

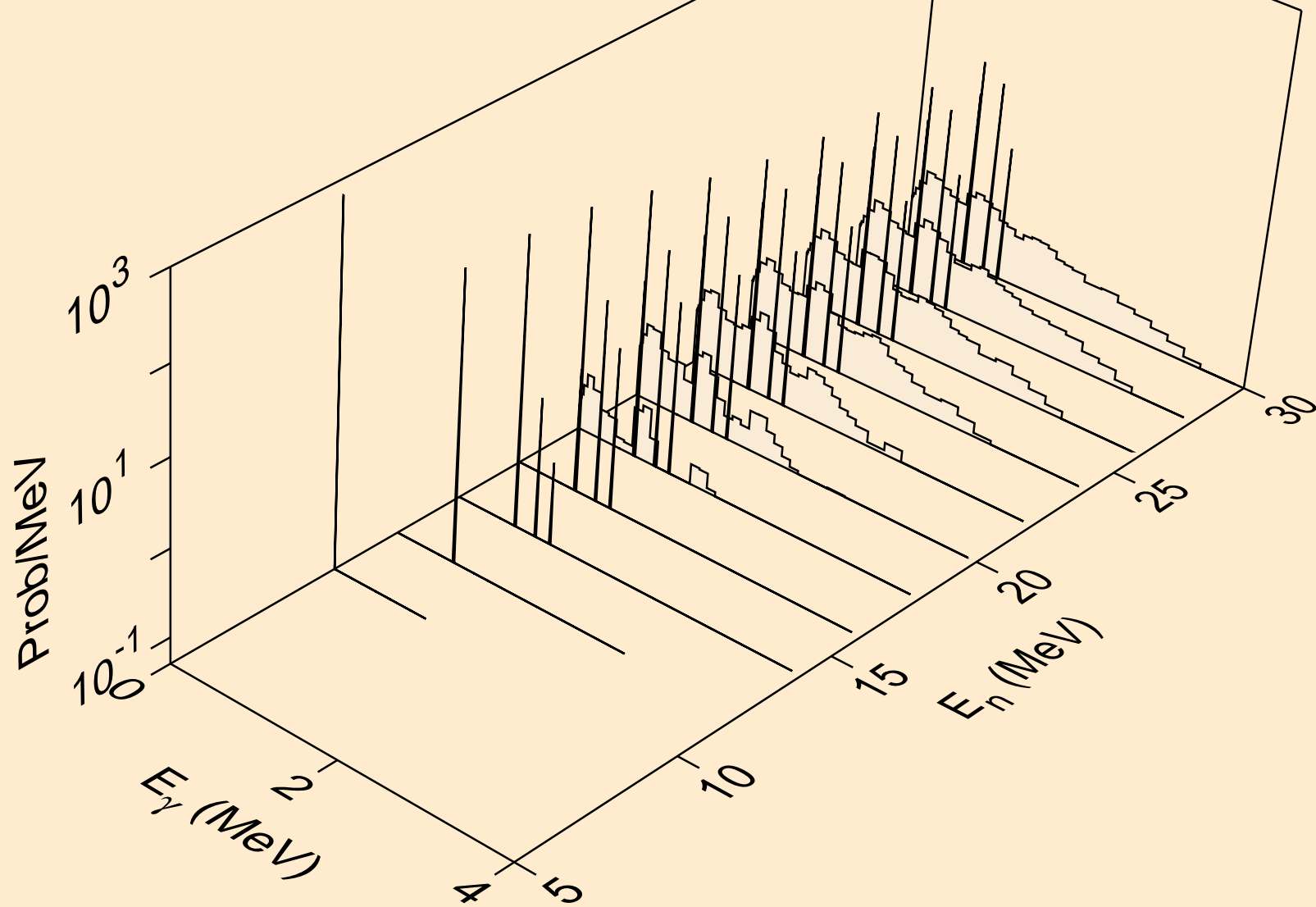


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Photon emission for (n,2n)2a

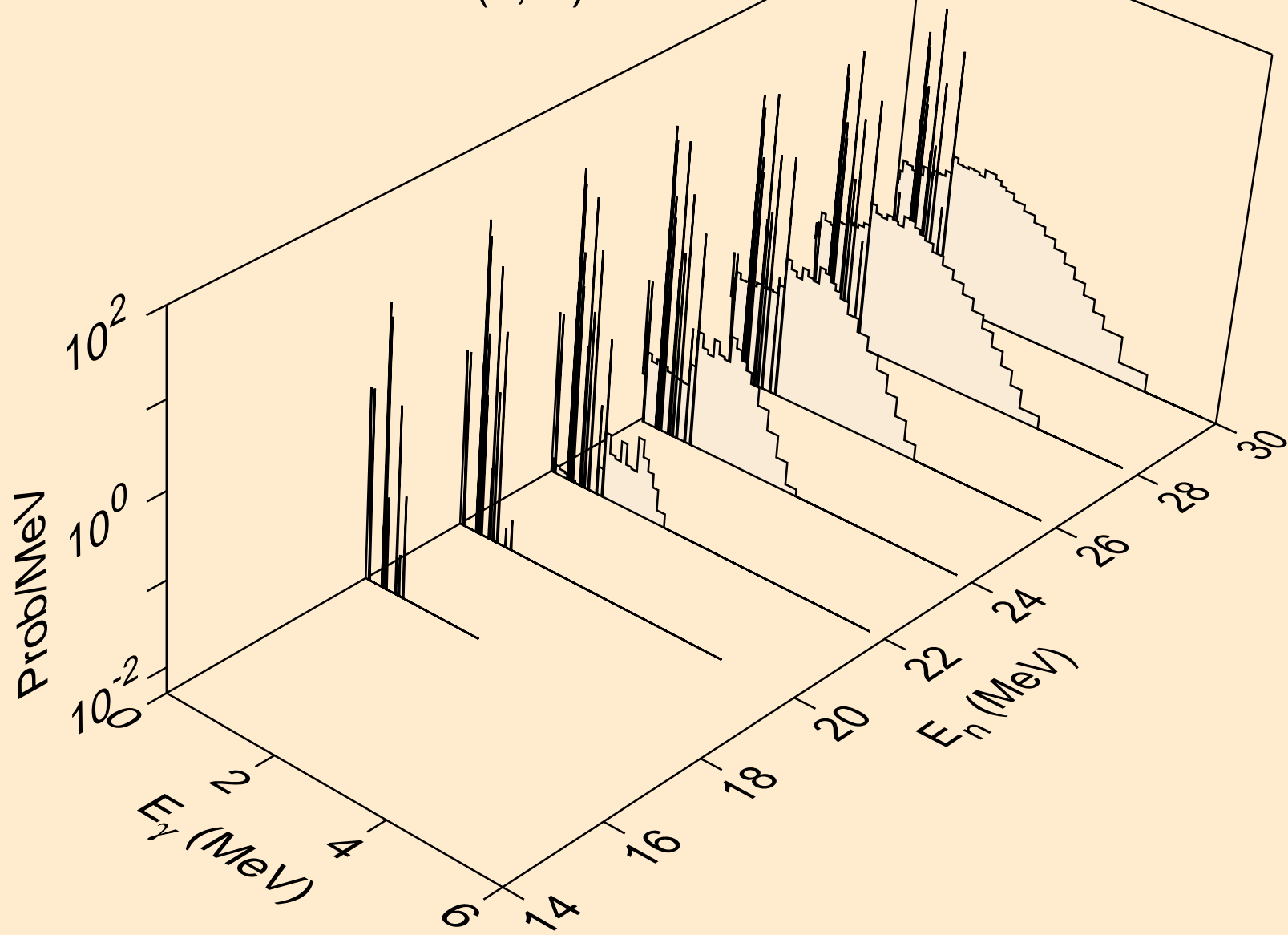




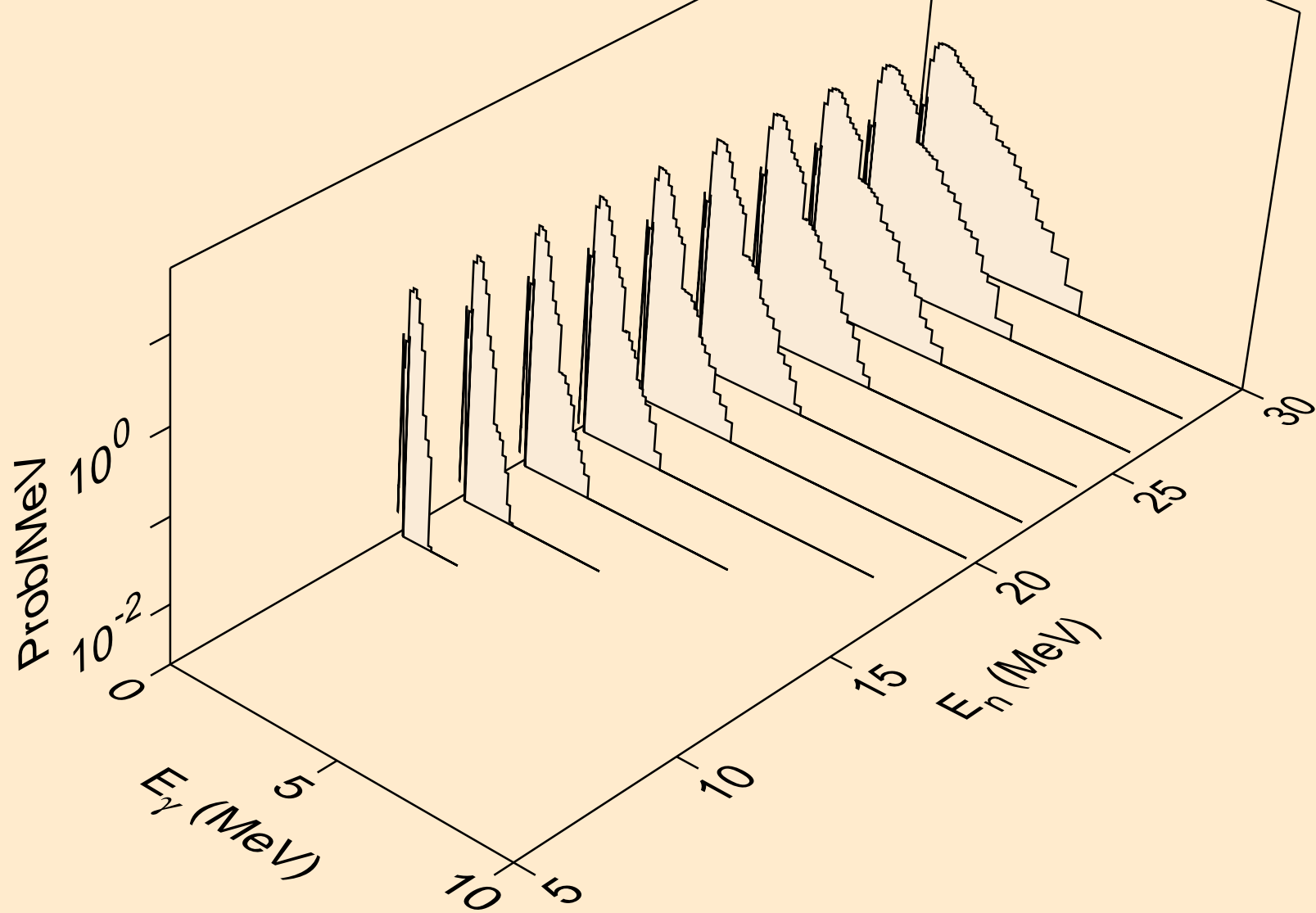
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Photon emission for (n,n\*)d



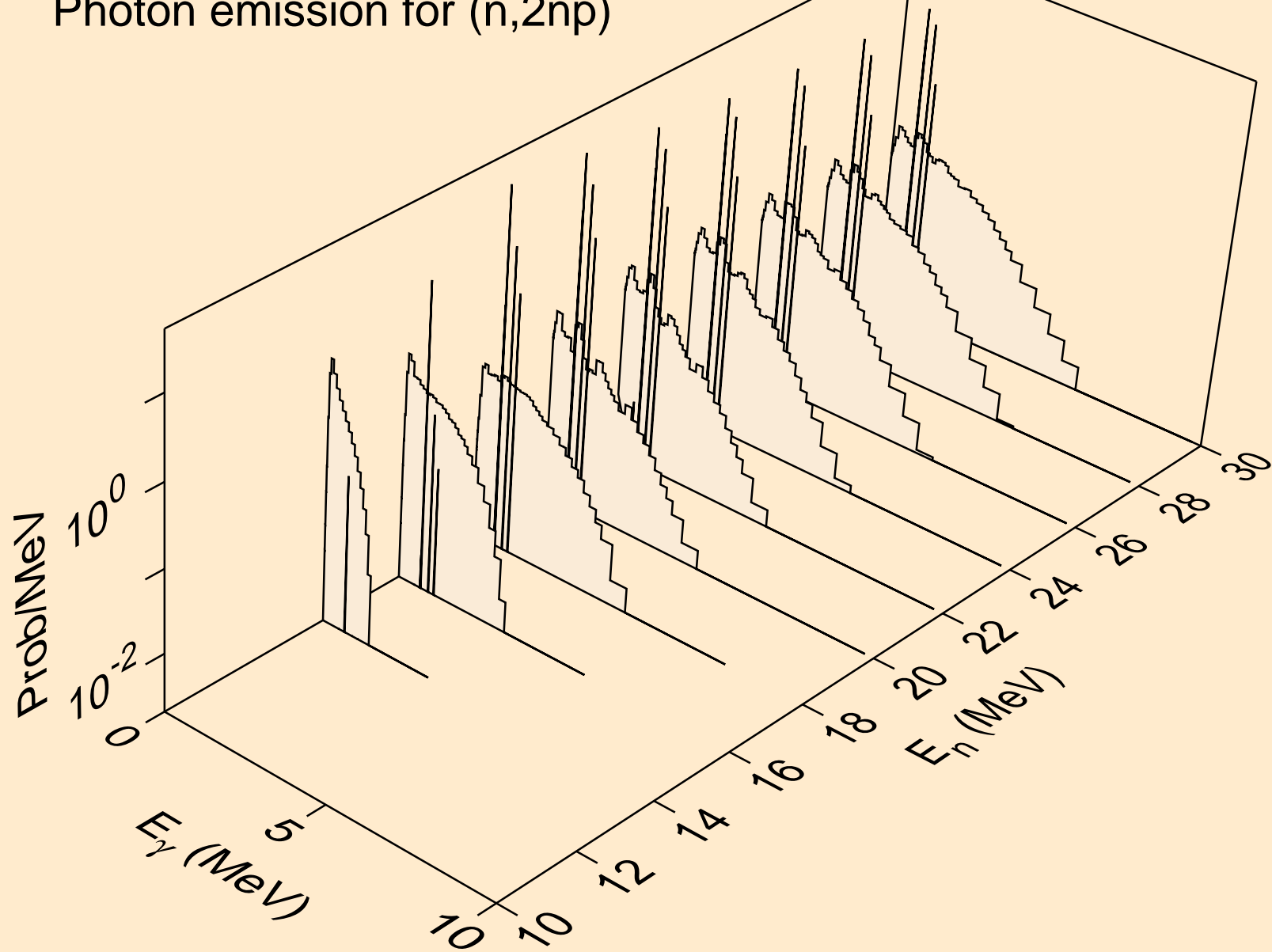
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Photon emission for (n,n\*)t



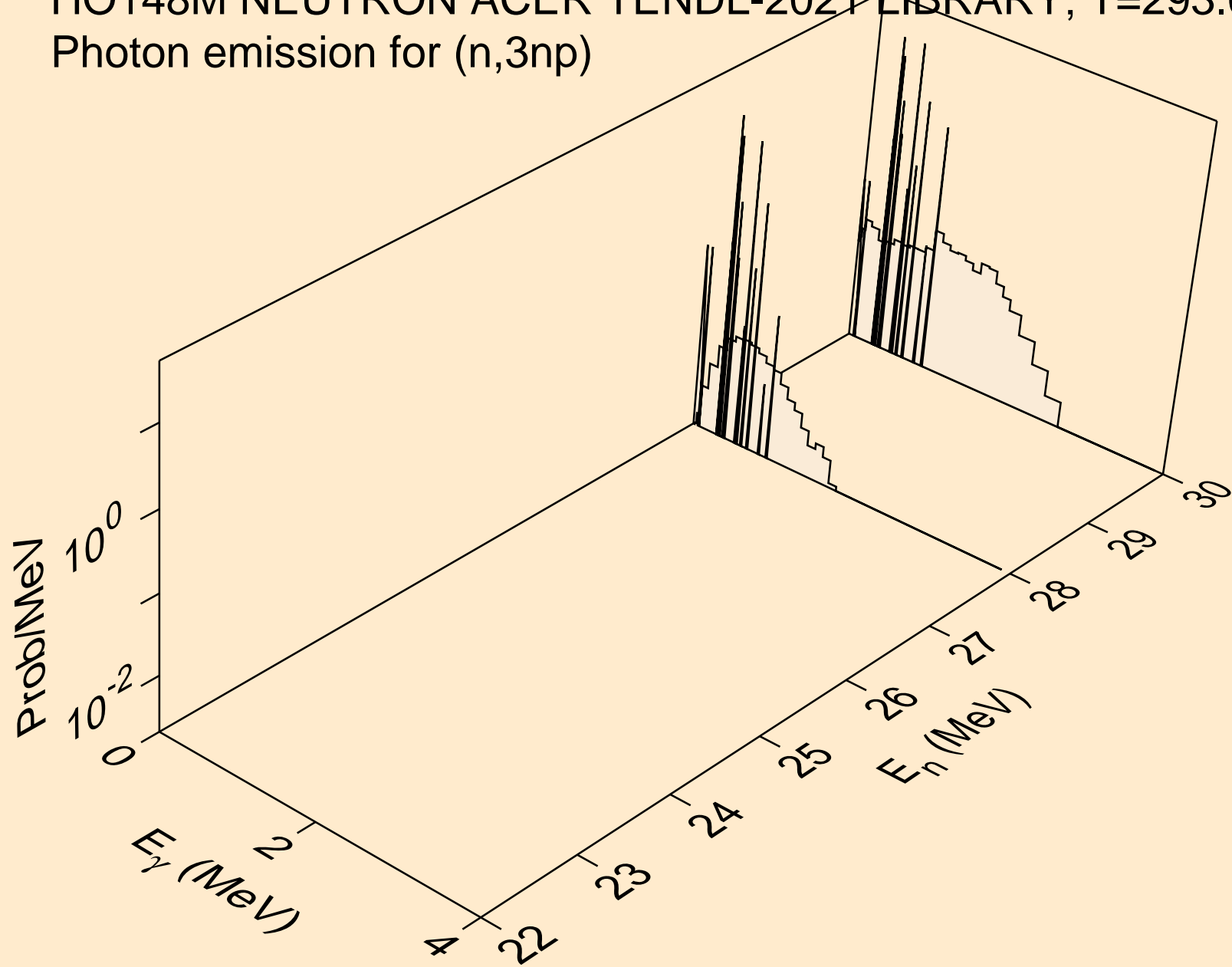
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Photon emission for (n,n\*)he3



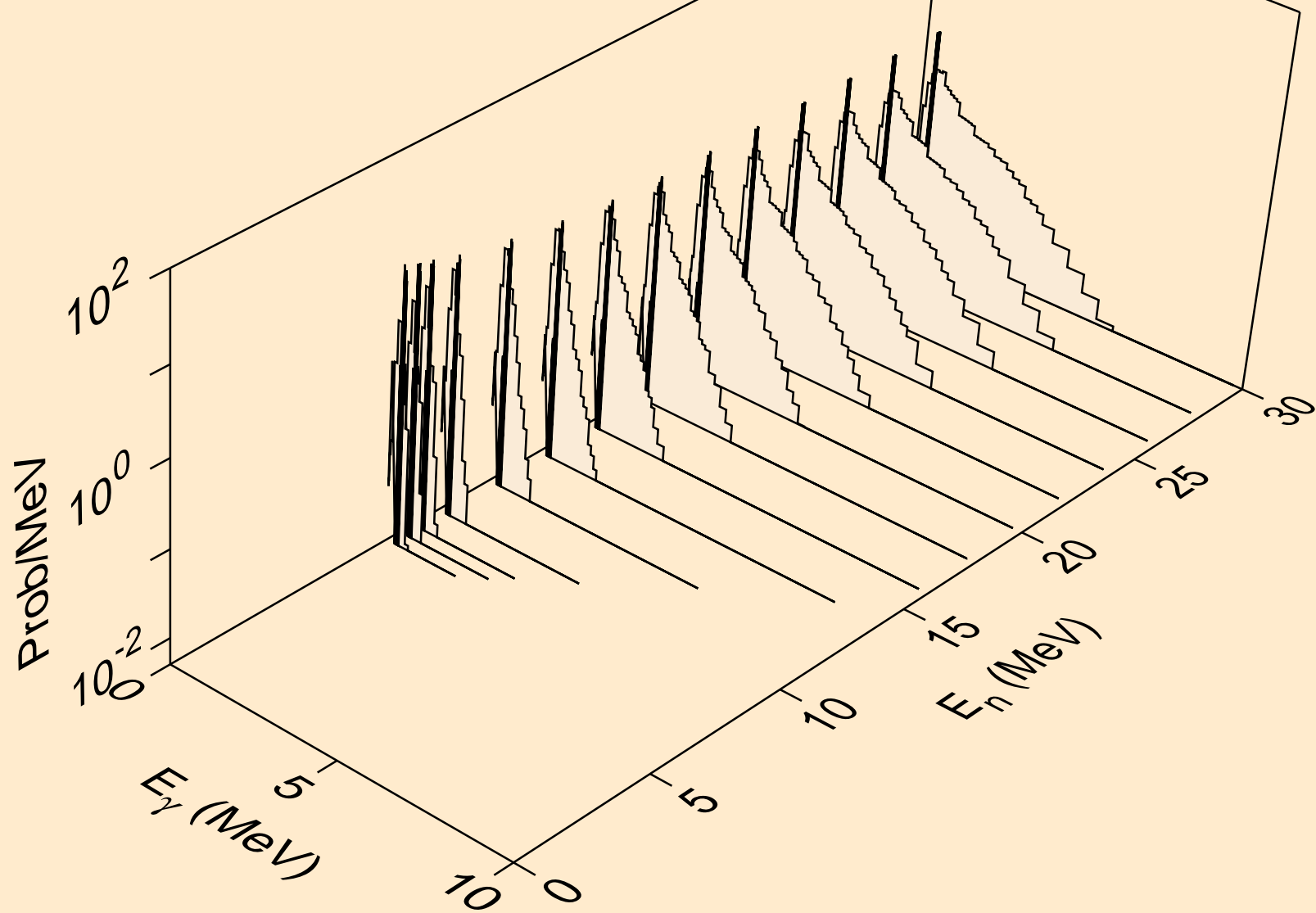
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Photon emission for (n,2np)



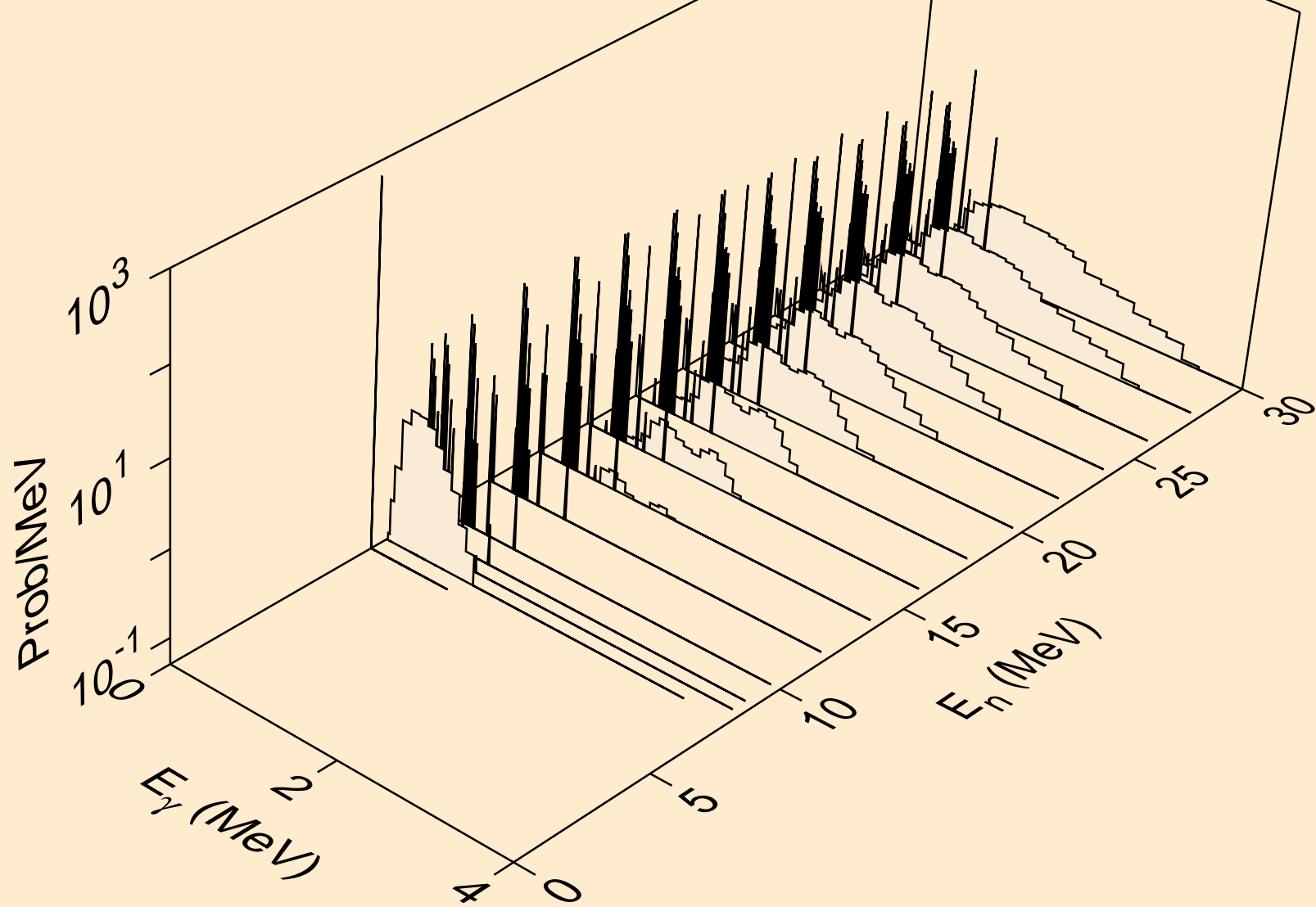
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Photon emission for (n,3np)



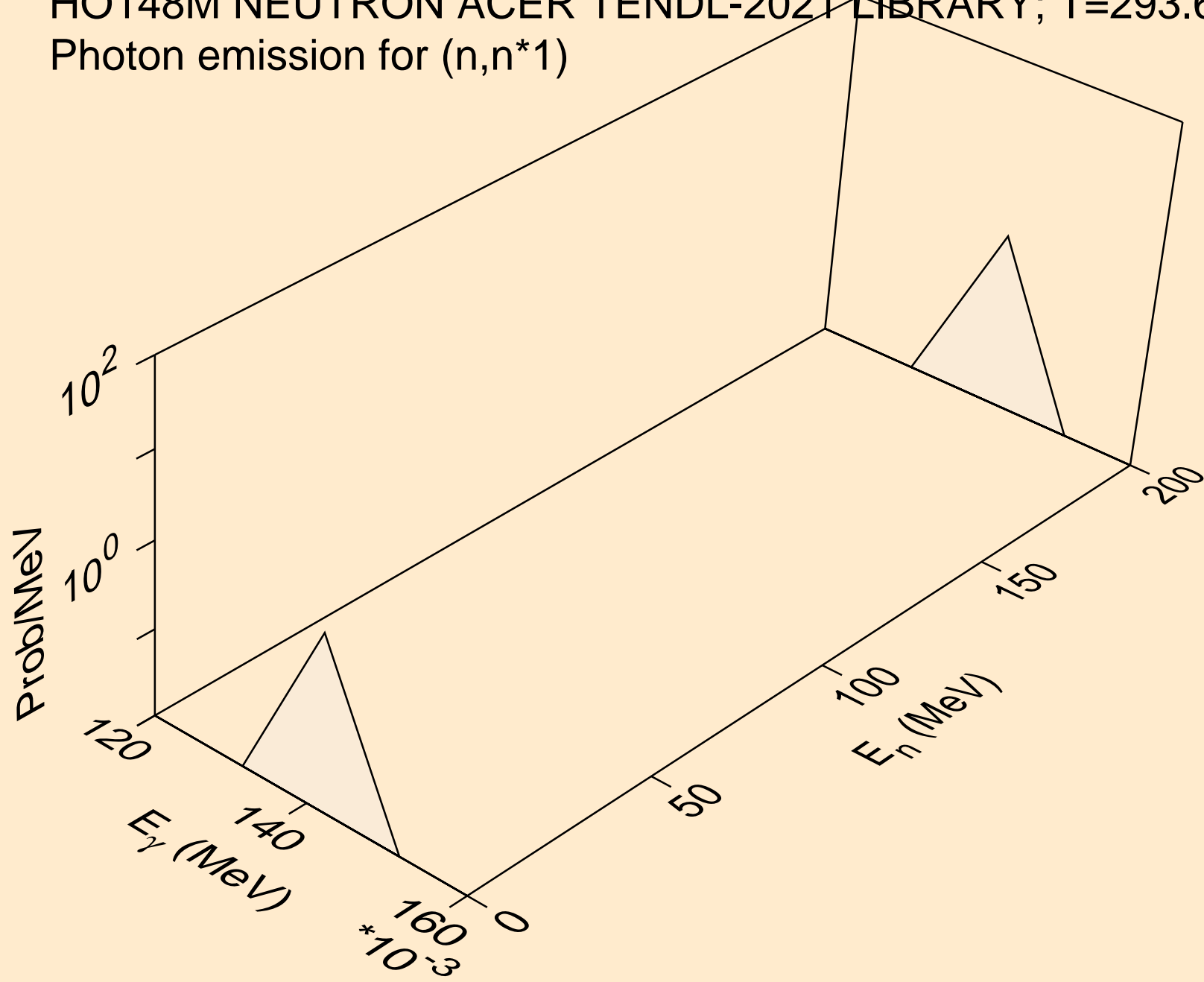
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)

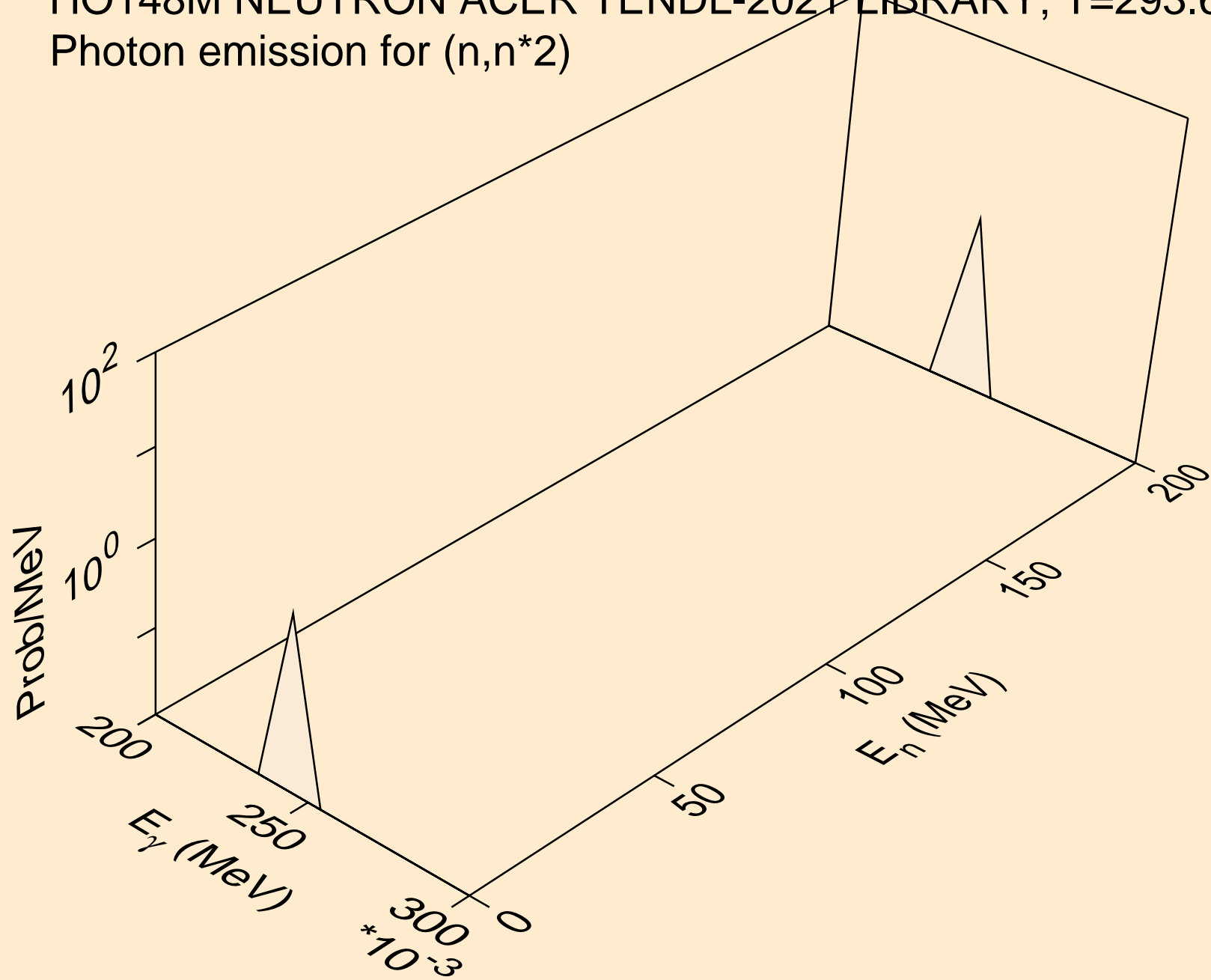


HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*1)

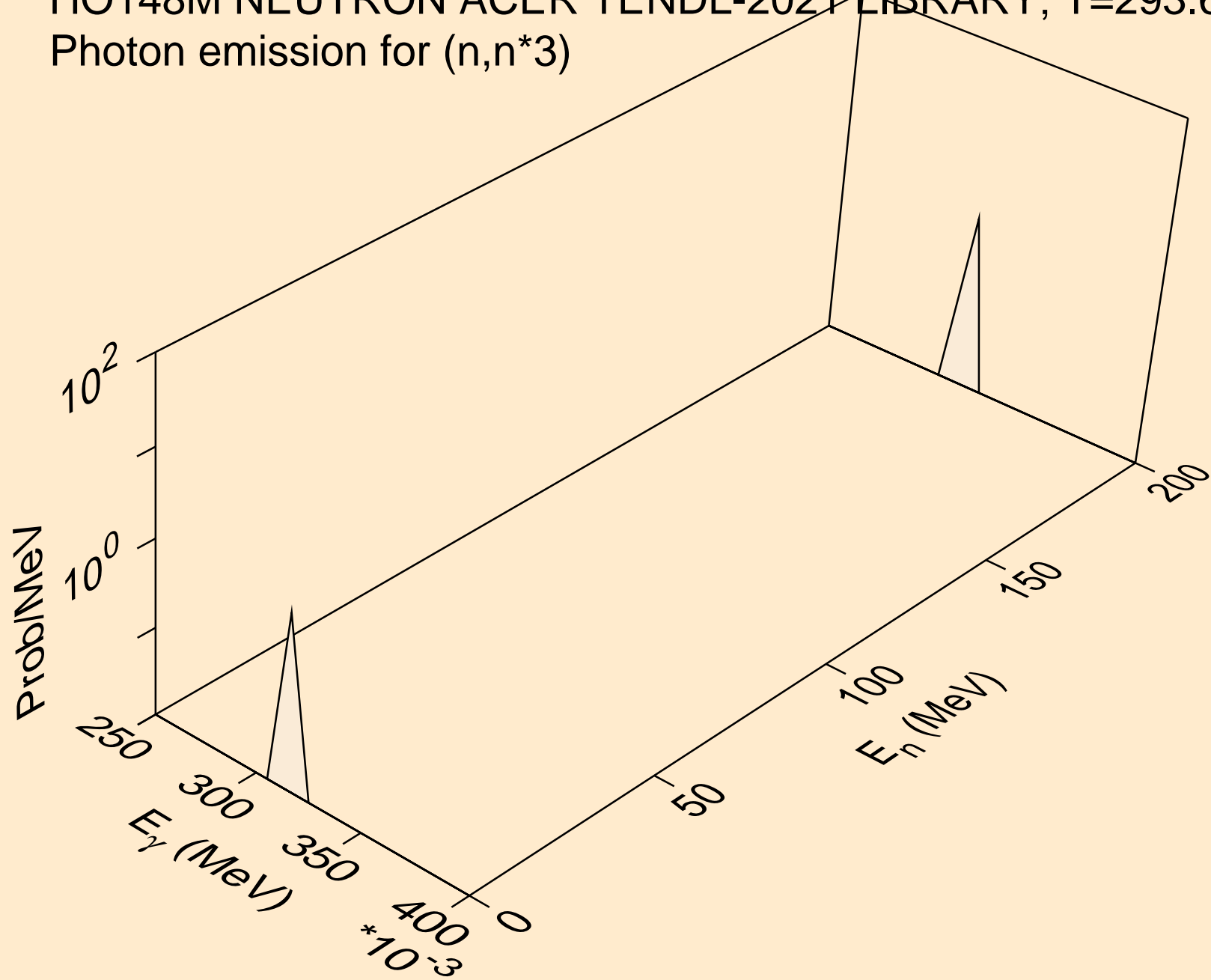




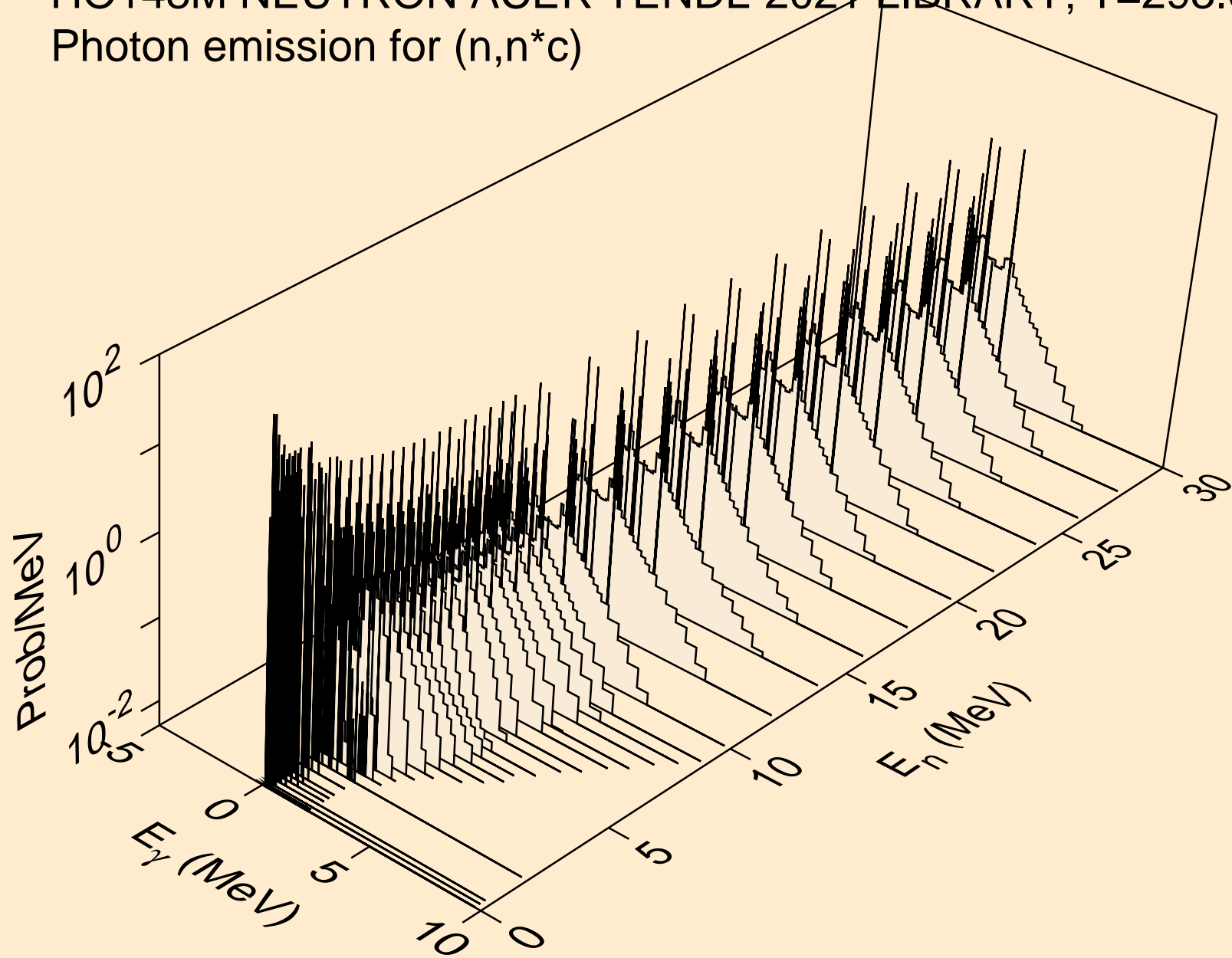
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Photon emission for (n,n\*2)



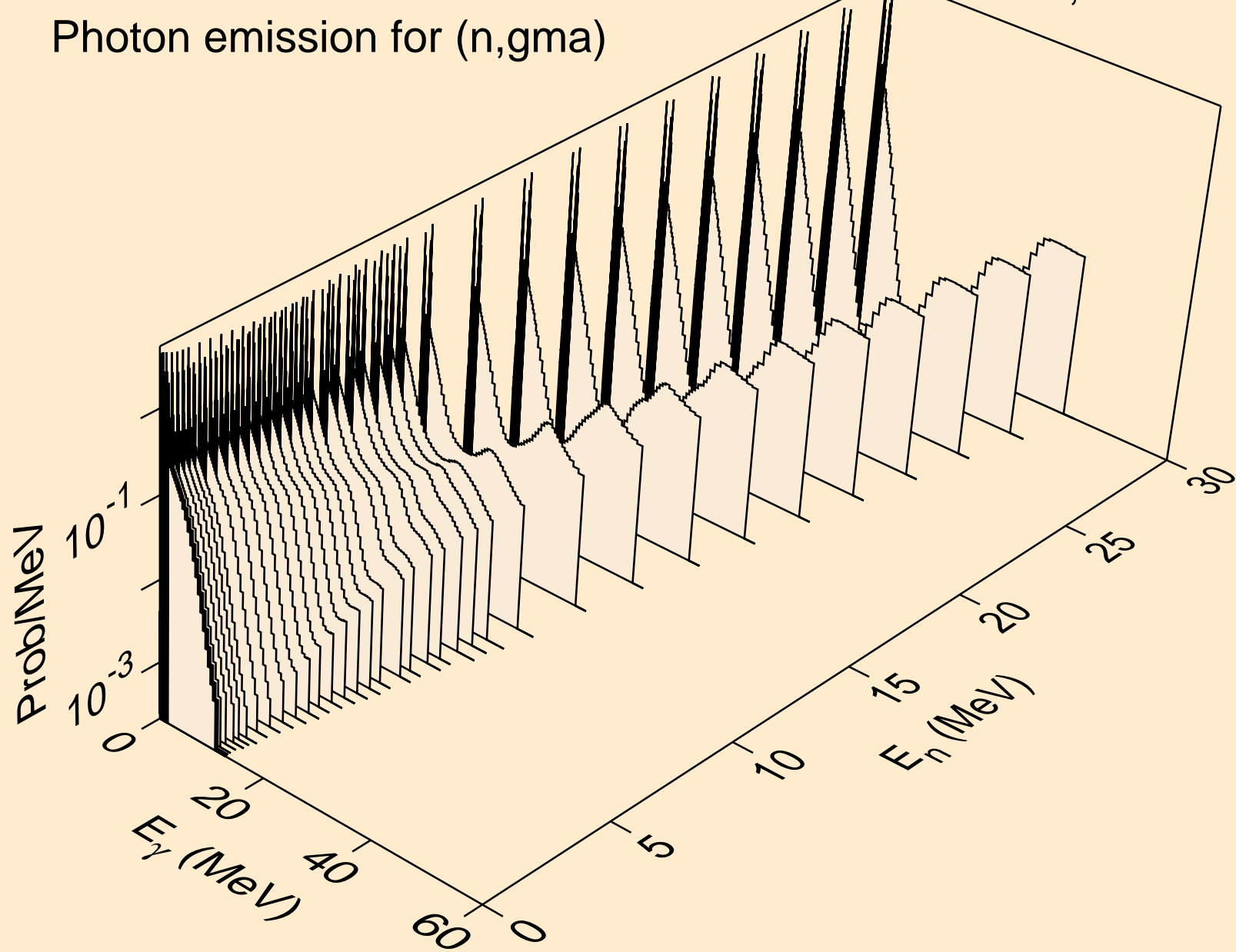
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*3)



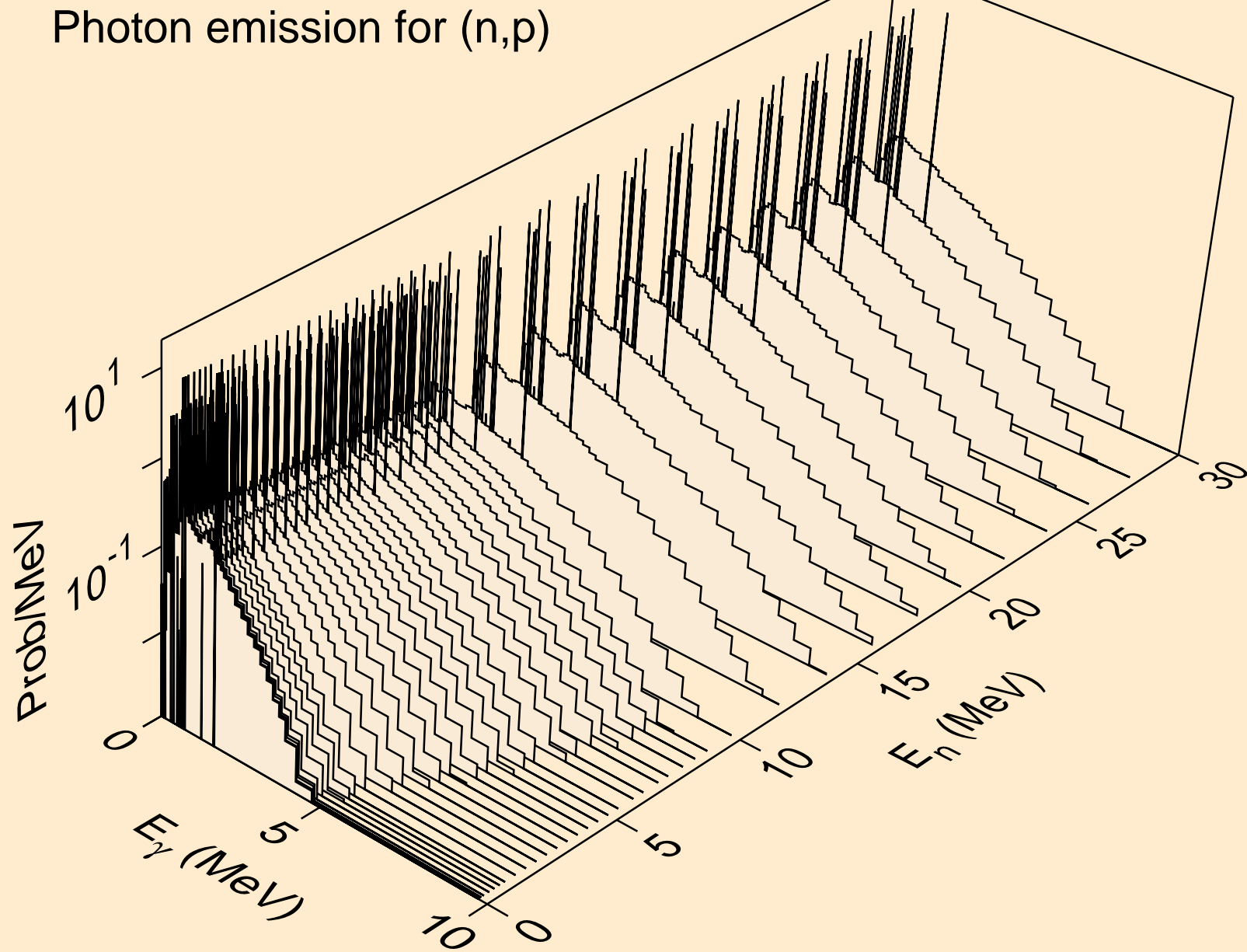
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Photon emission for (n,n\*c)



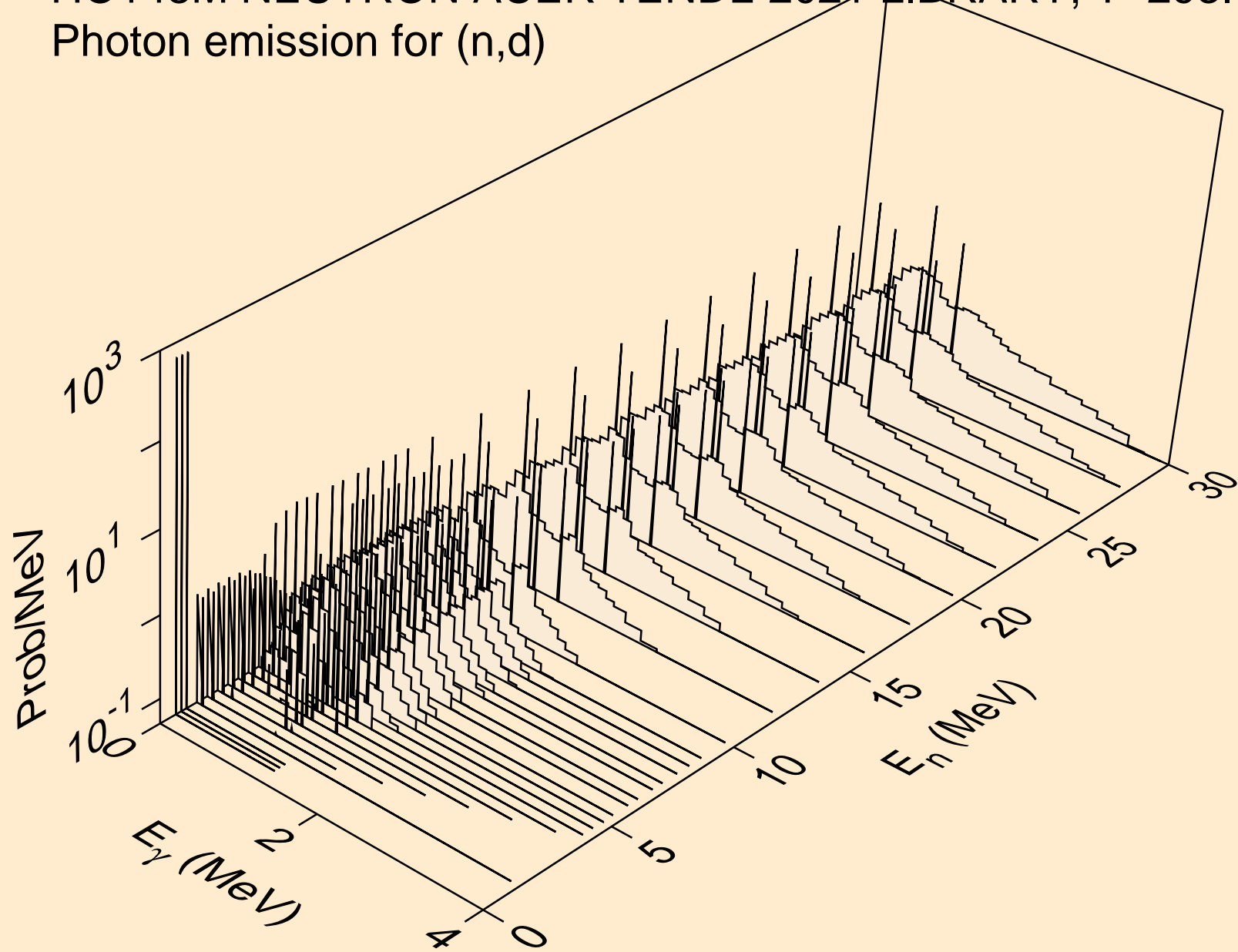
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Photon emission for (n,gma)



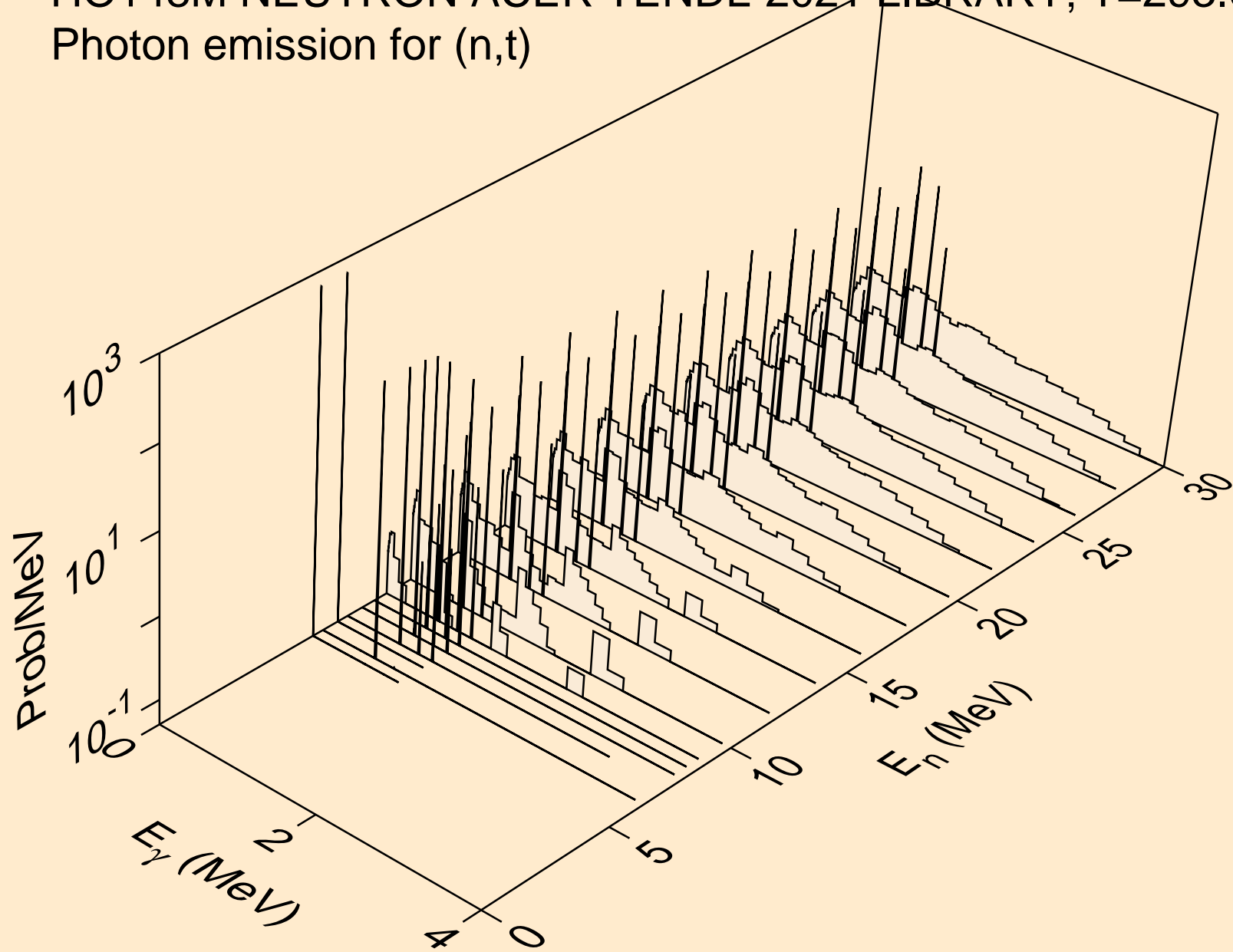
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Photon emission for (n,p)



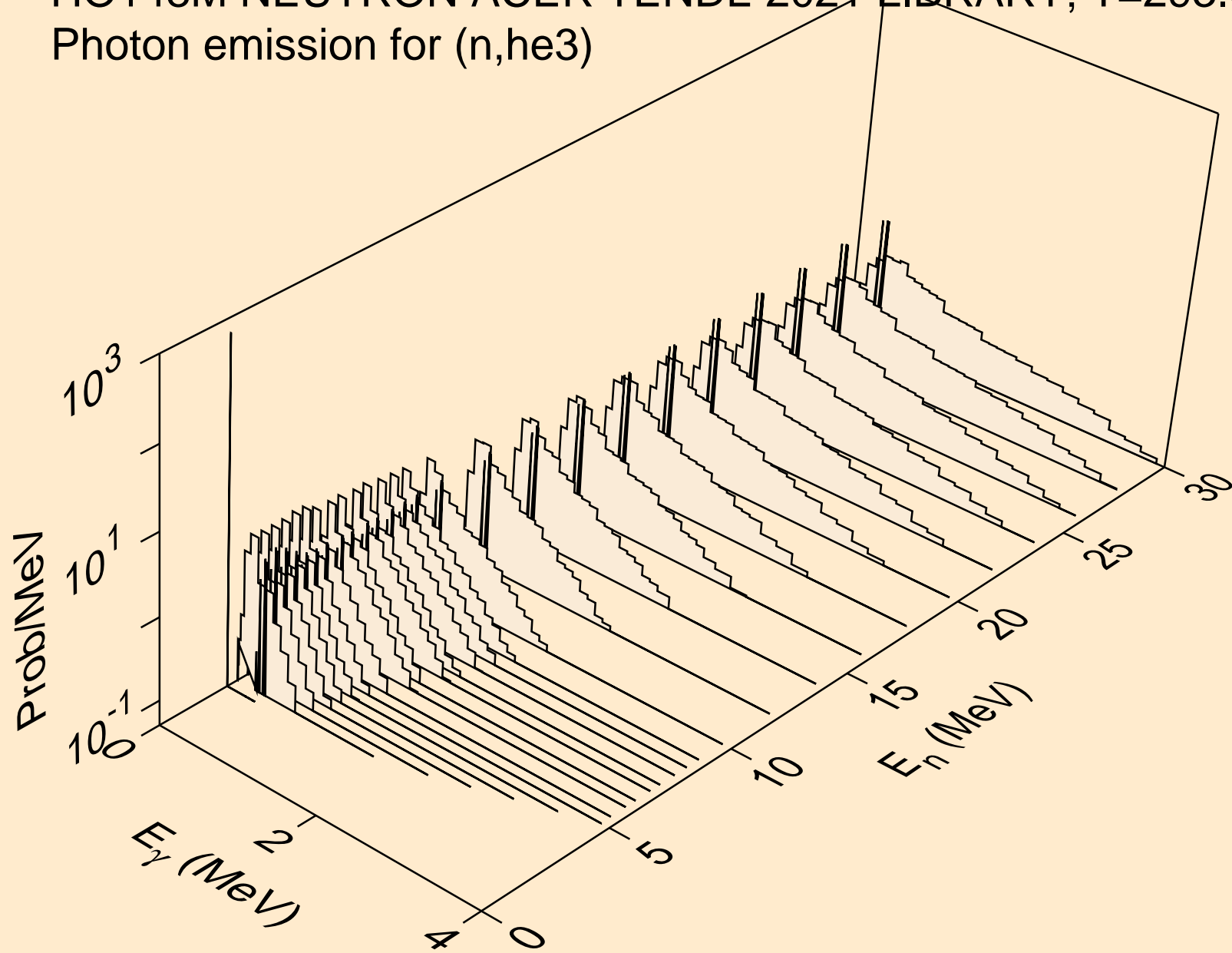
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)

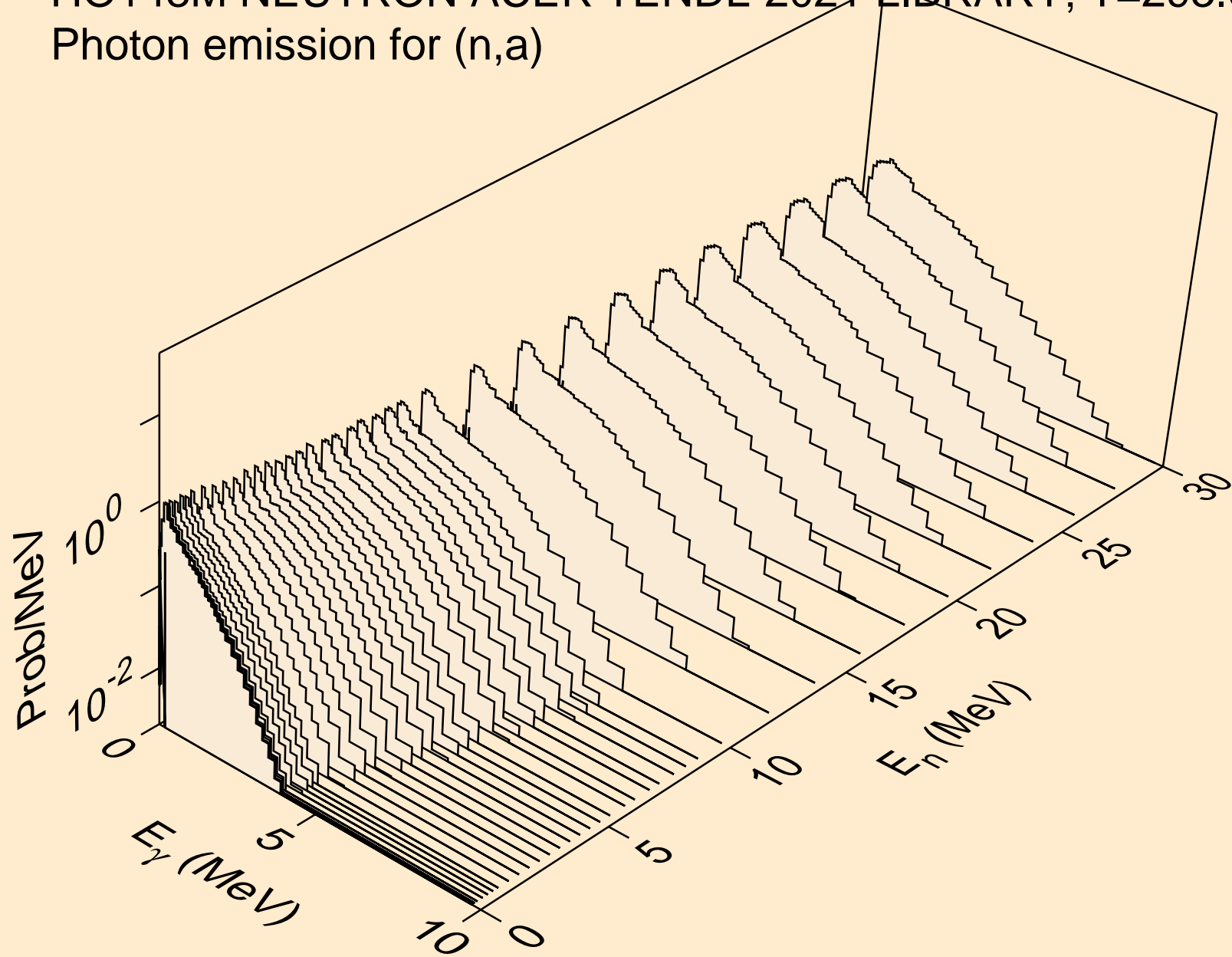


HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

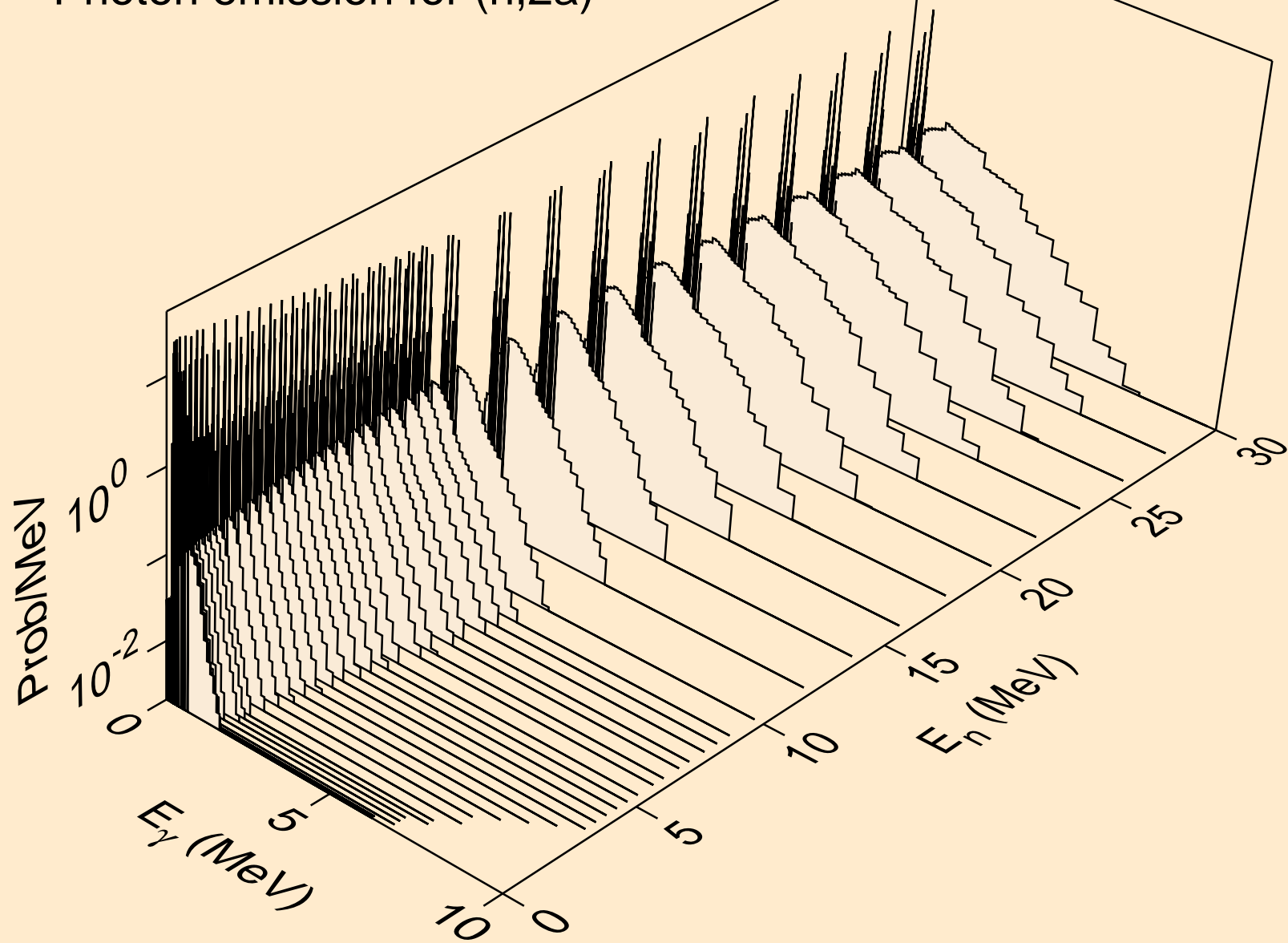




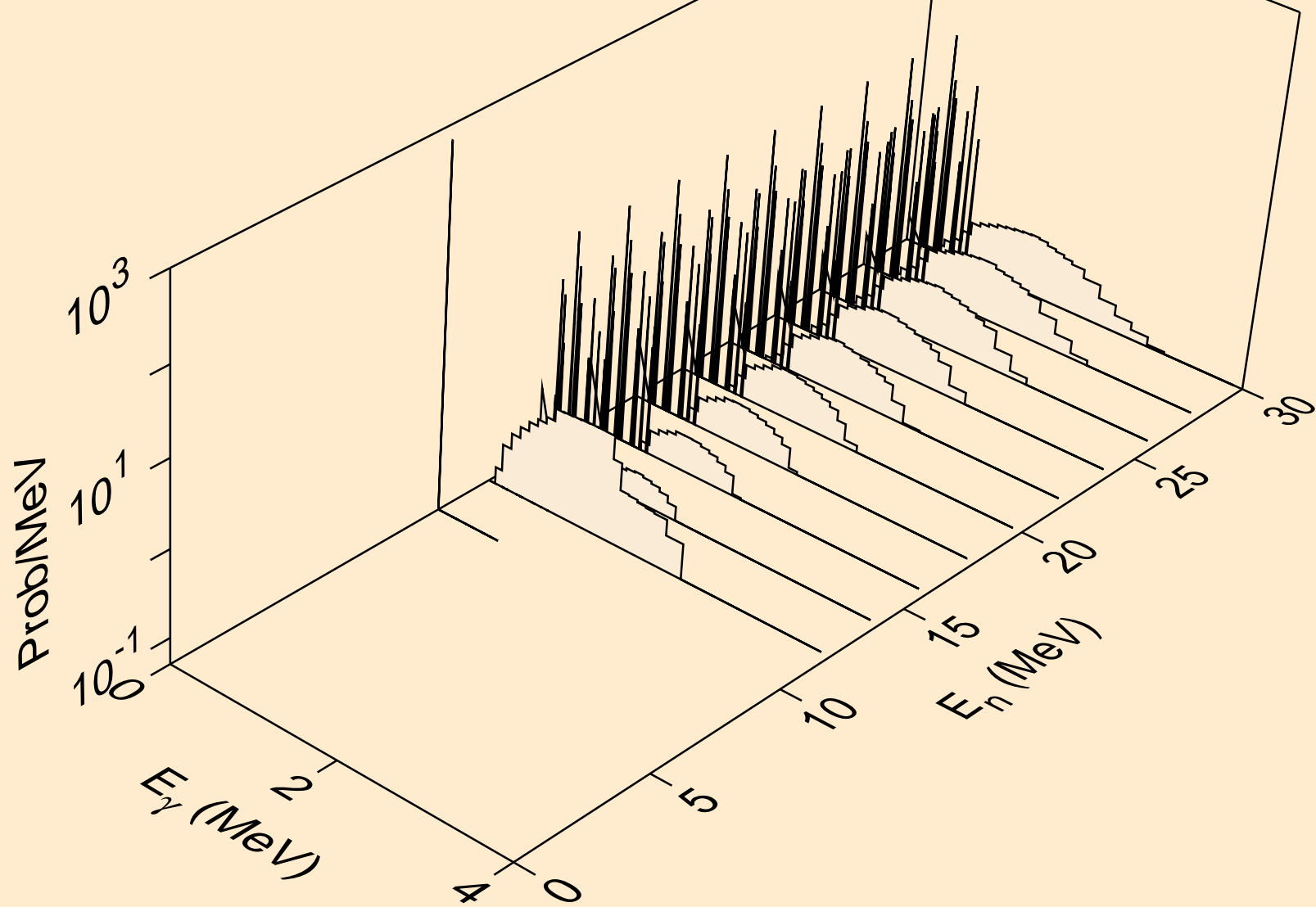
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Photon emission for (n,a)



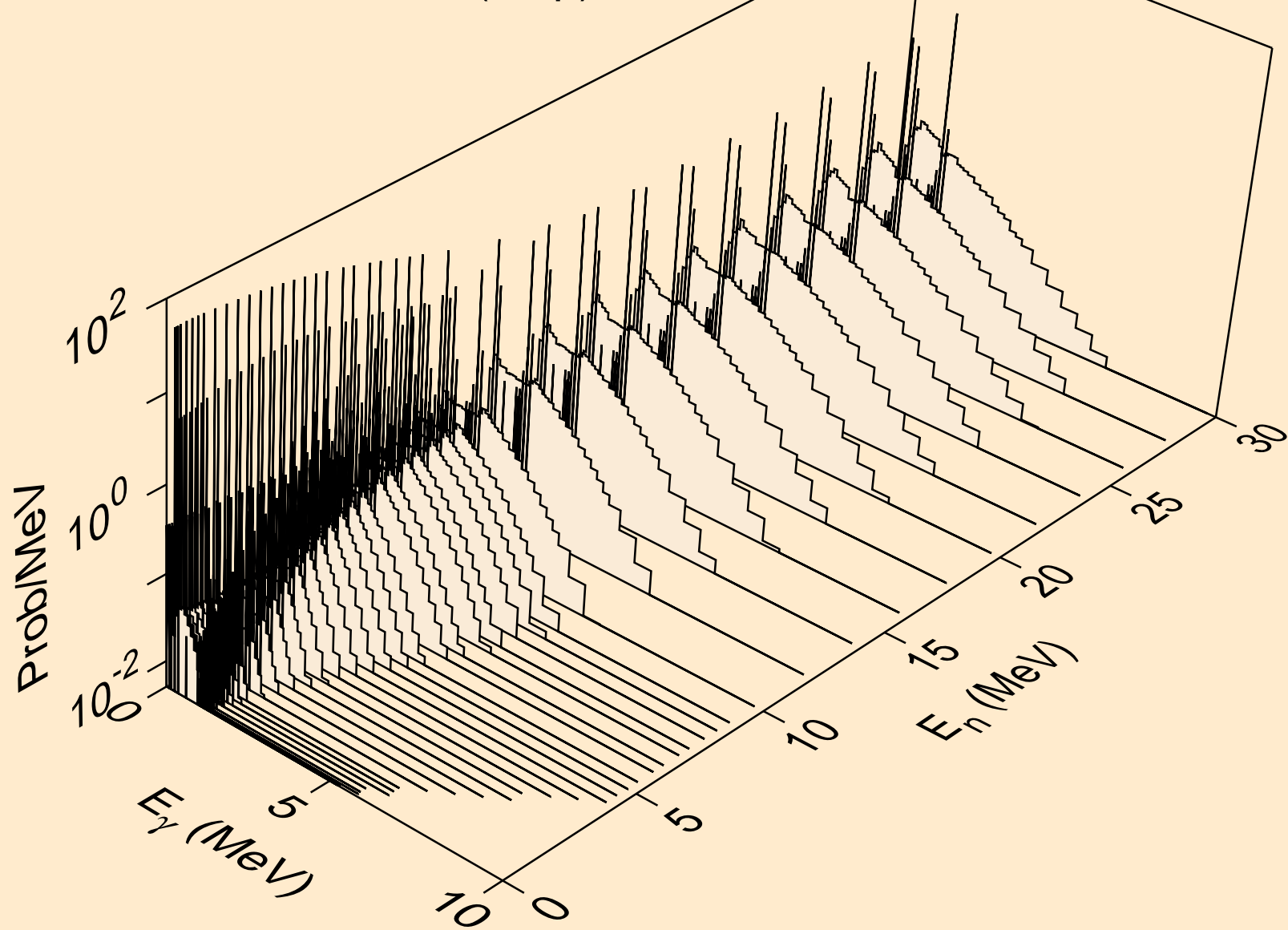
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Photon emission for (n,2a)



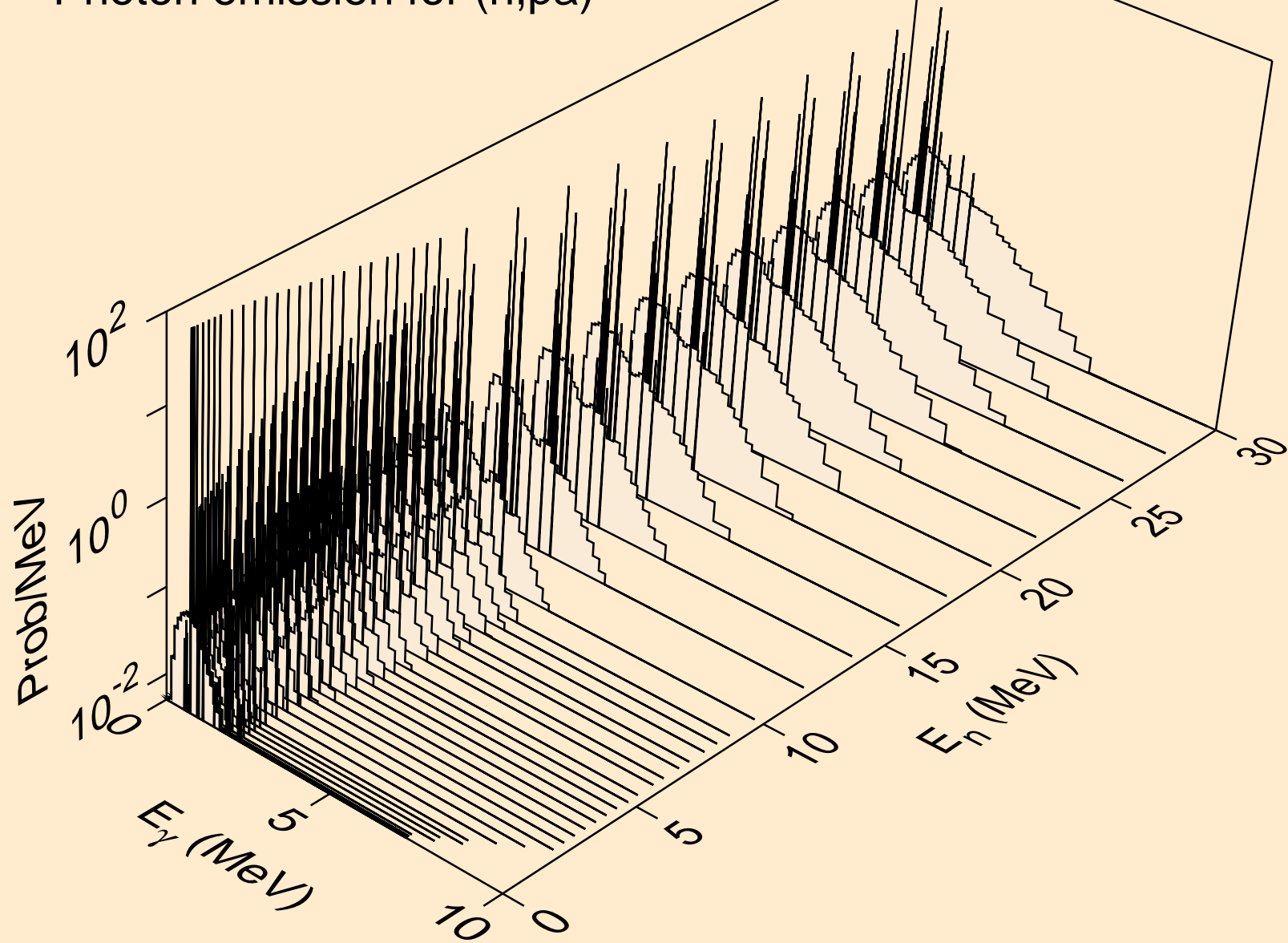
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3a)



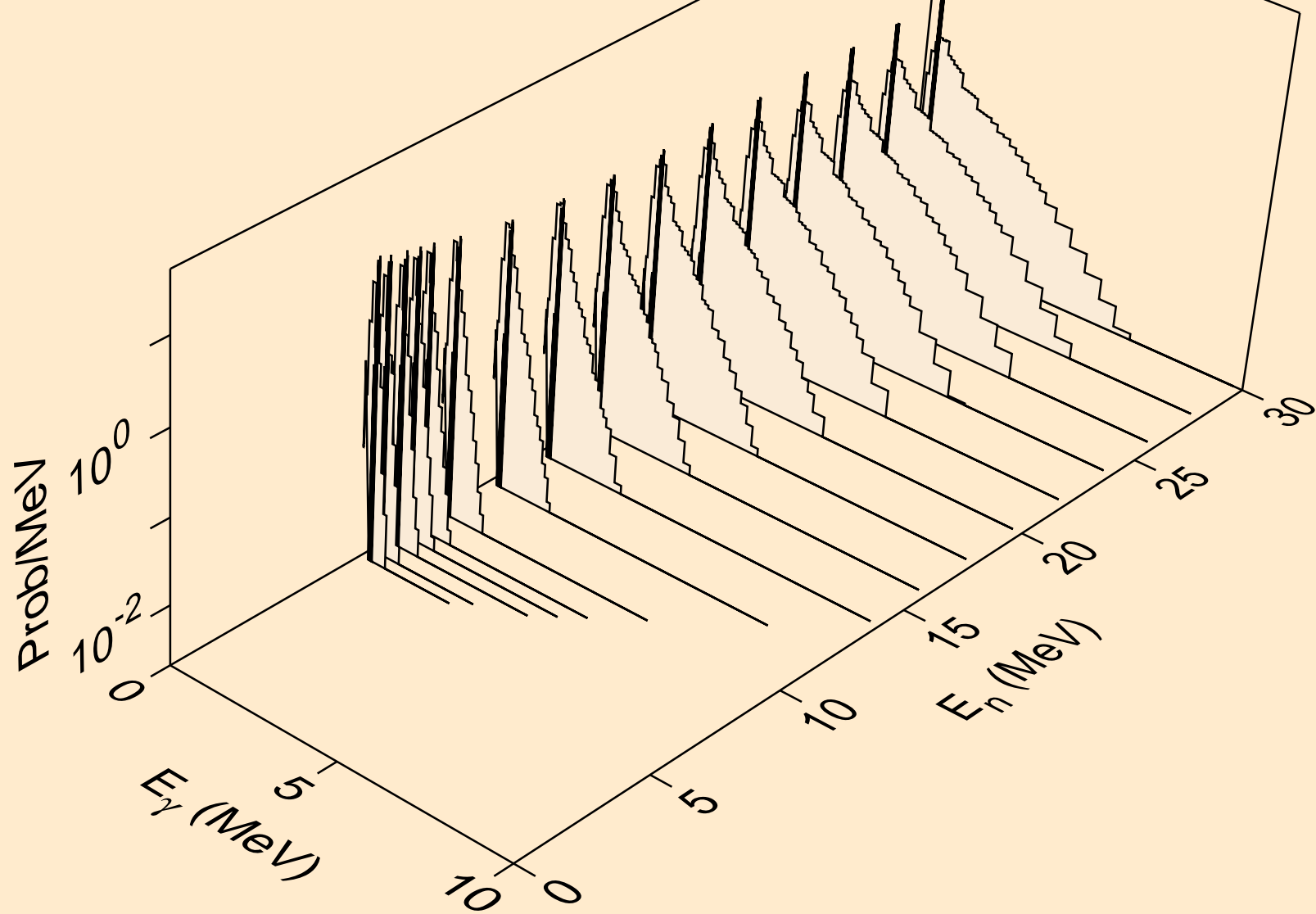
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



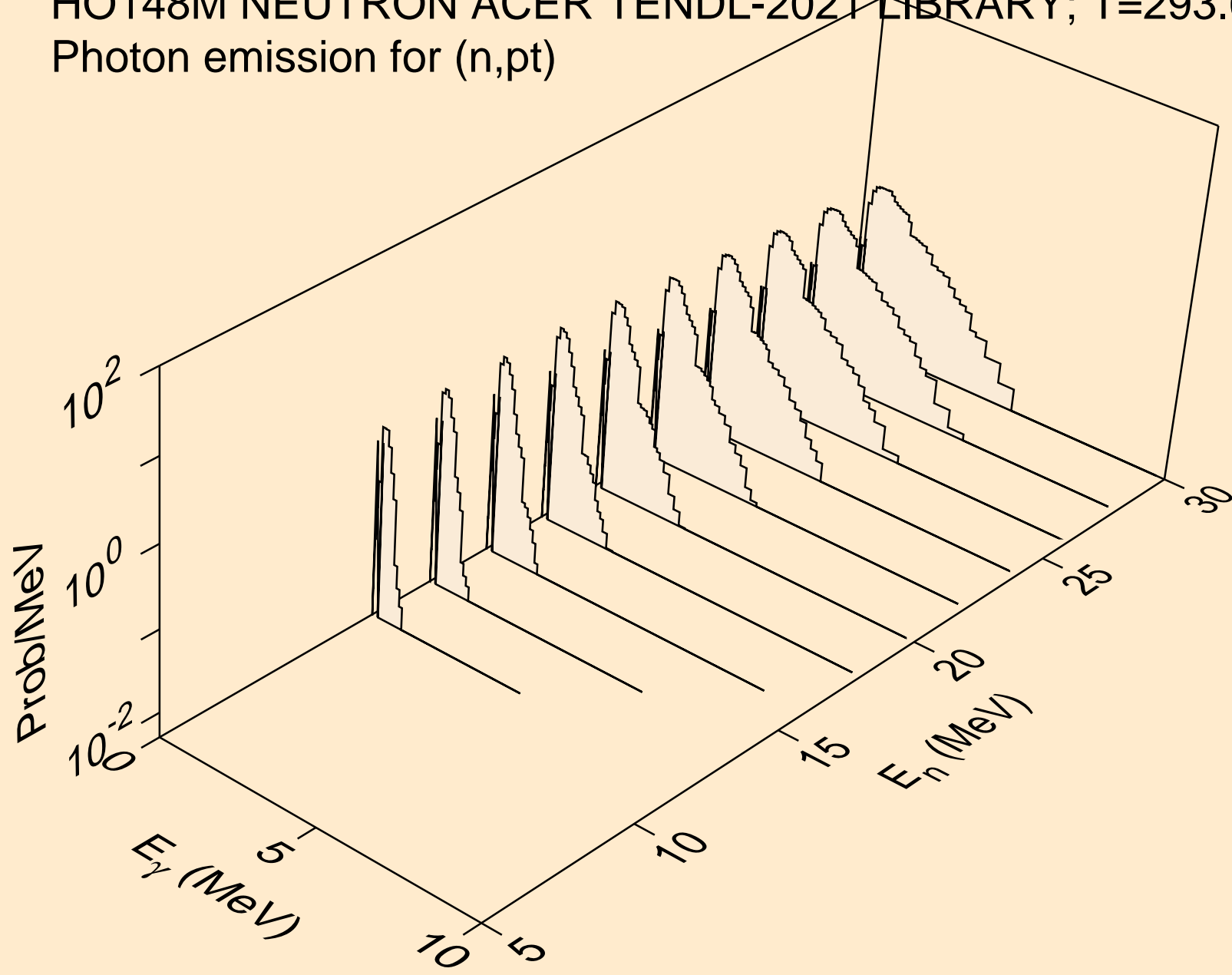
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



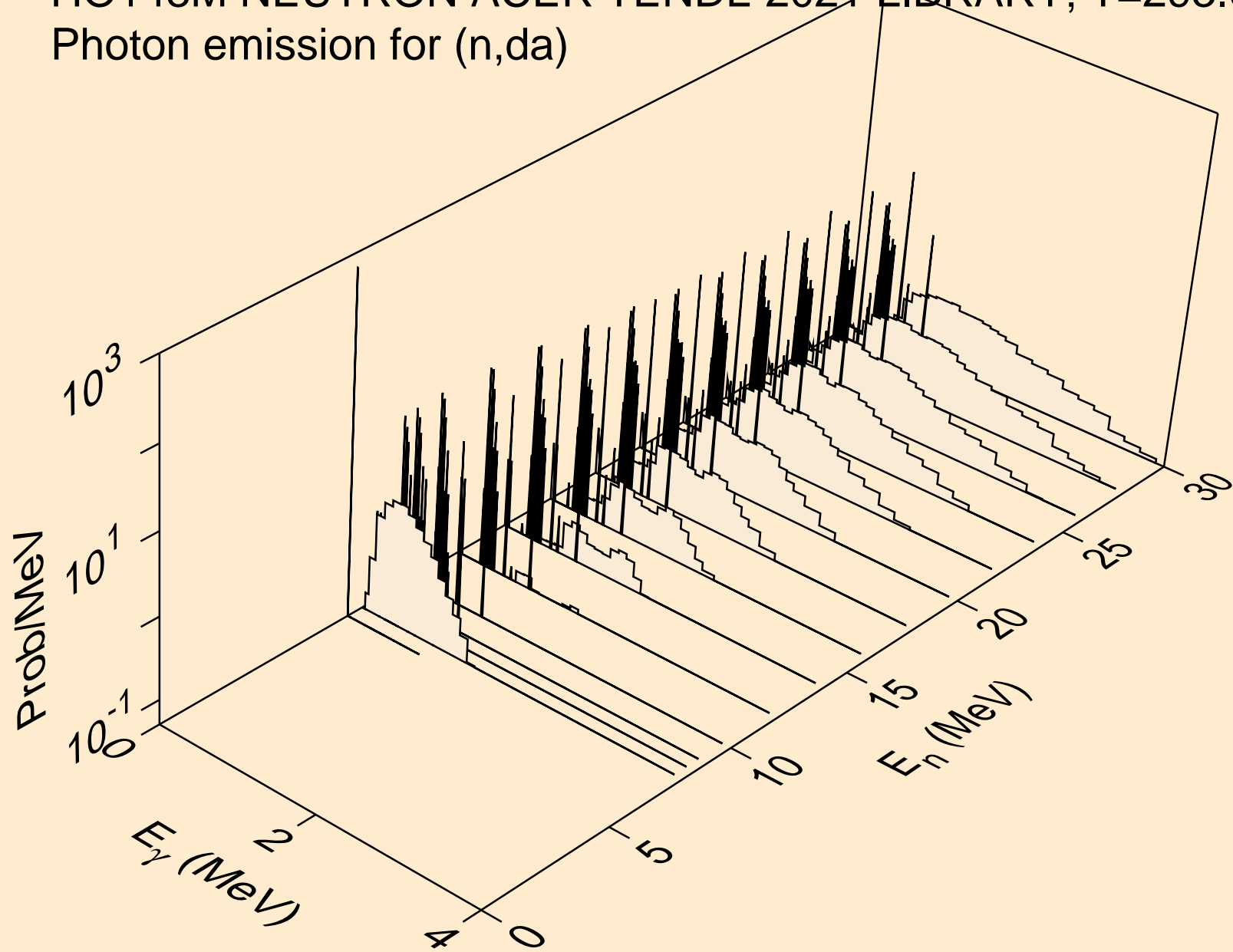
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)

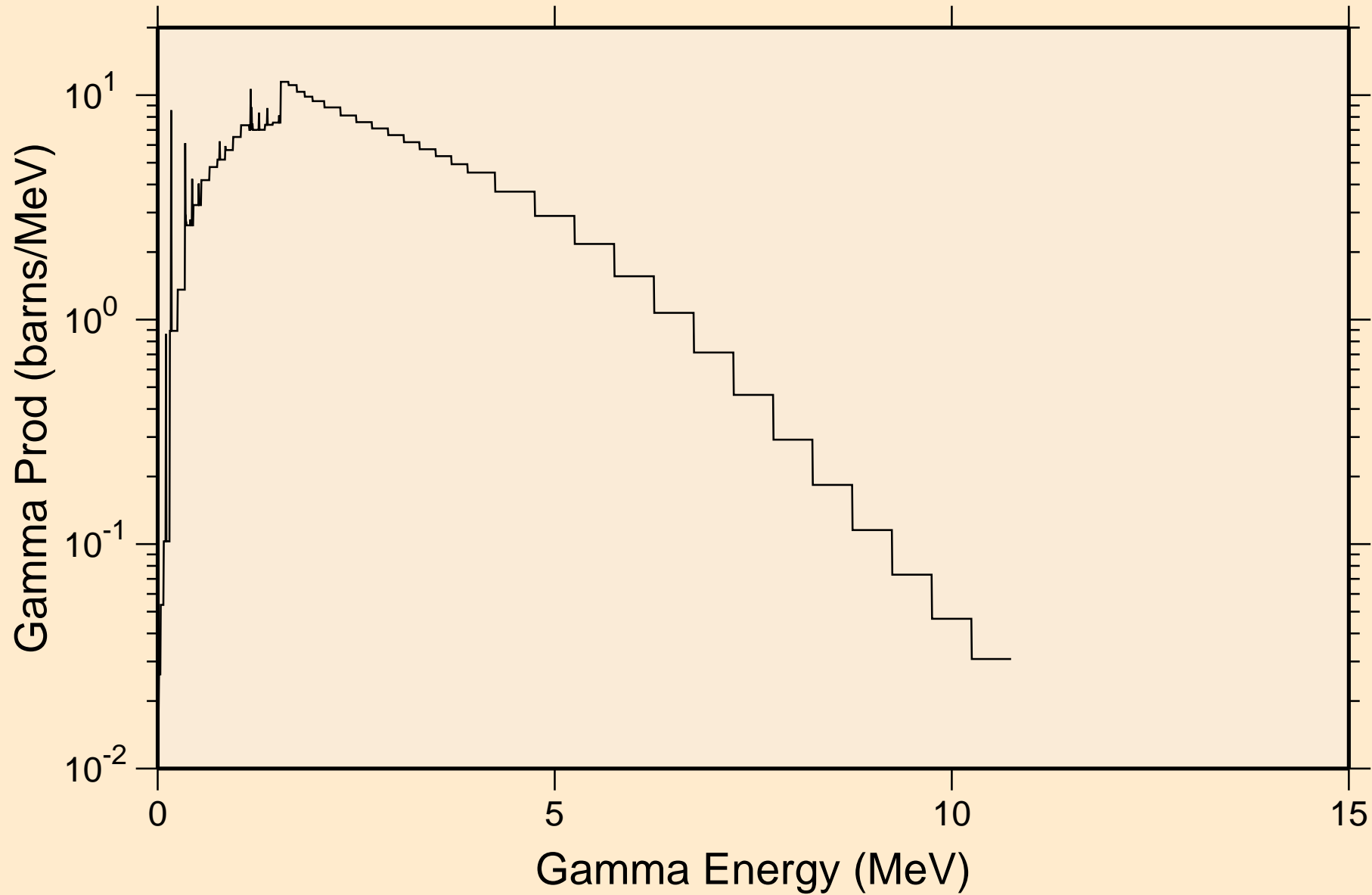


HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)

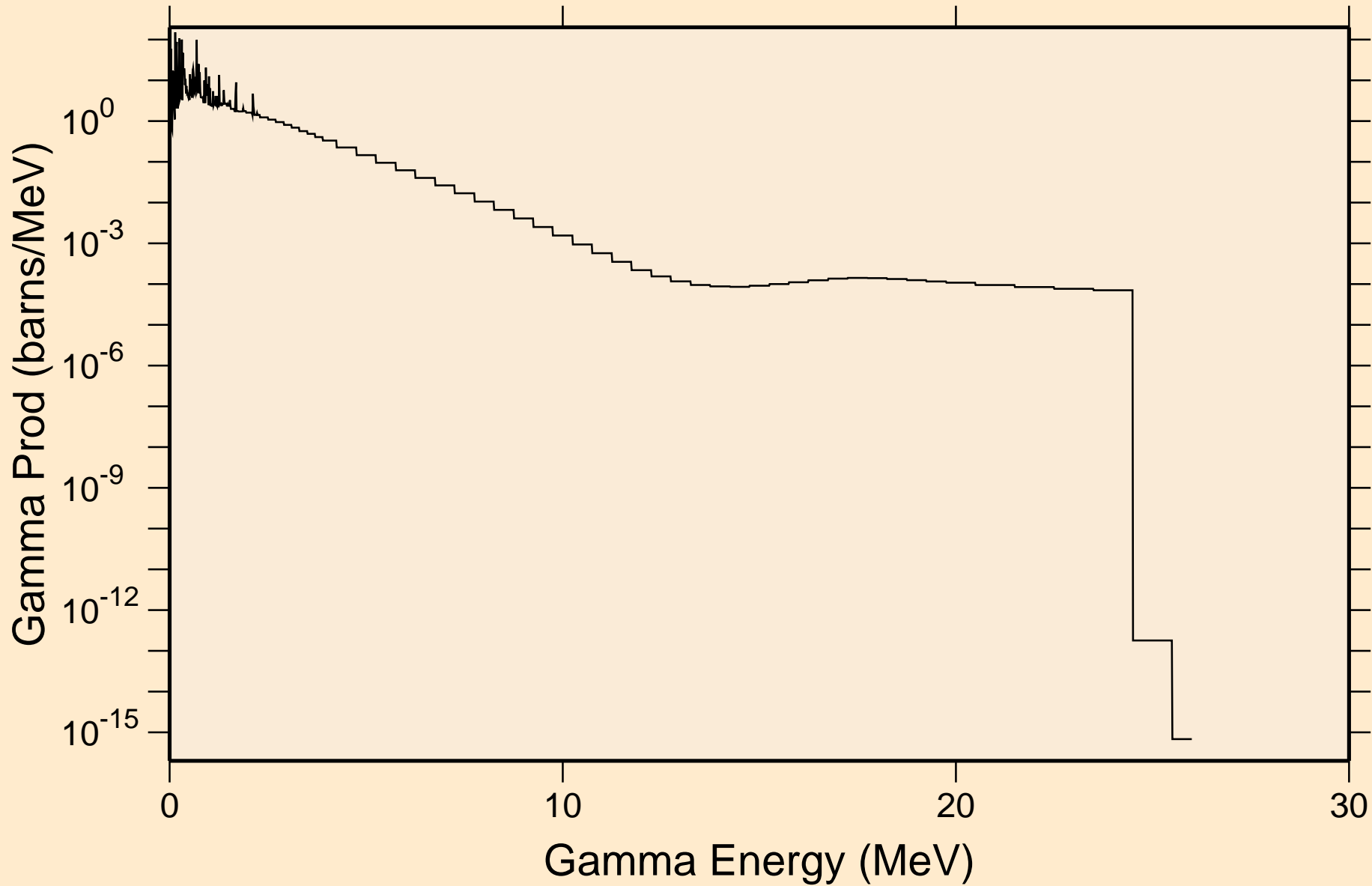




HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

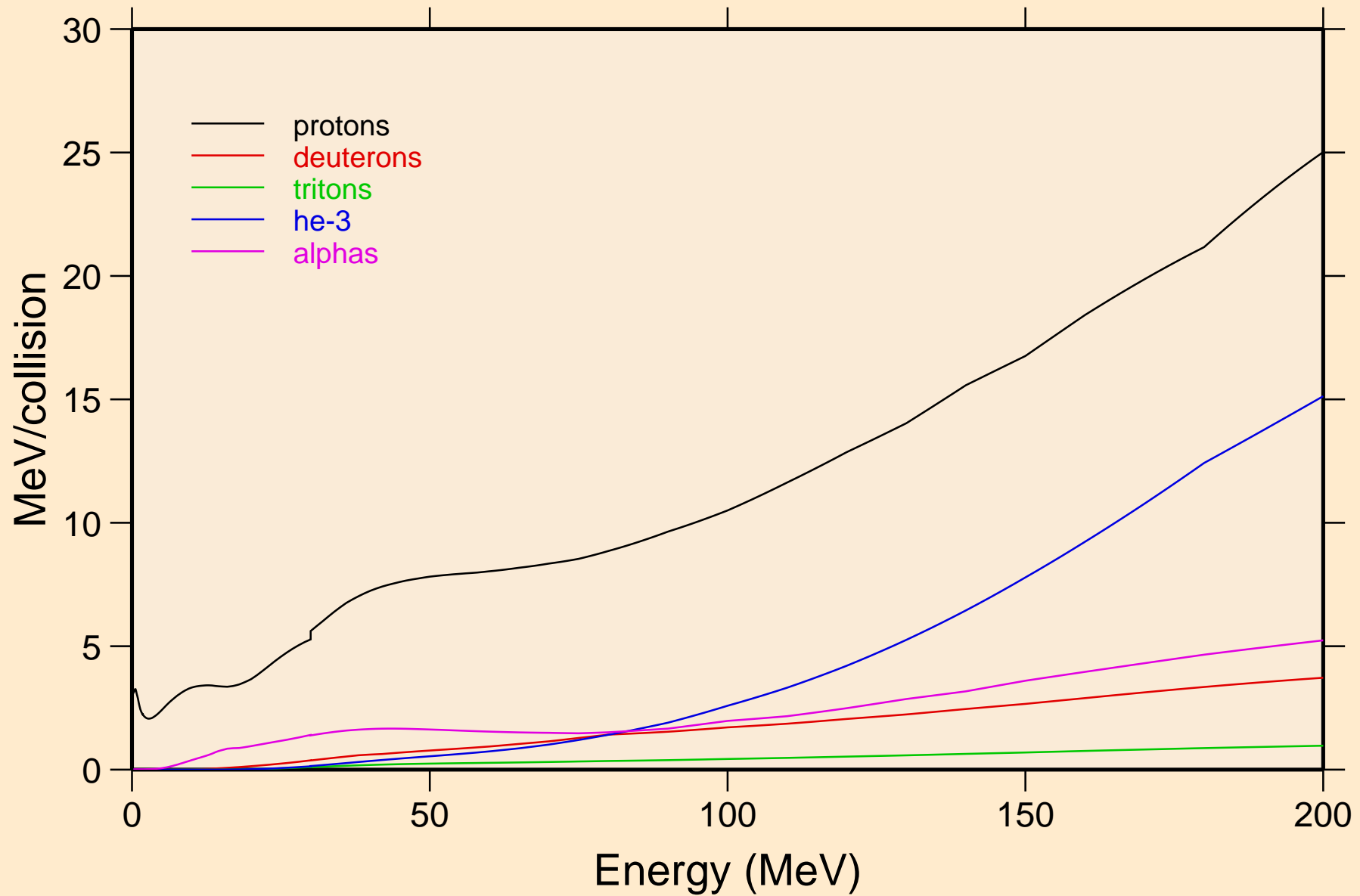


HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

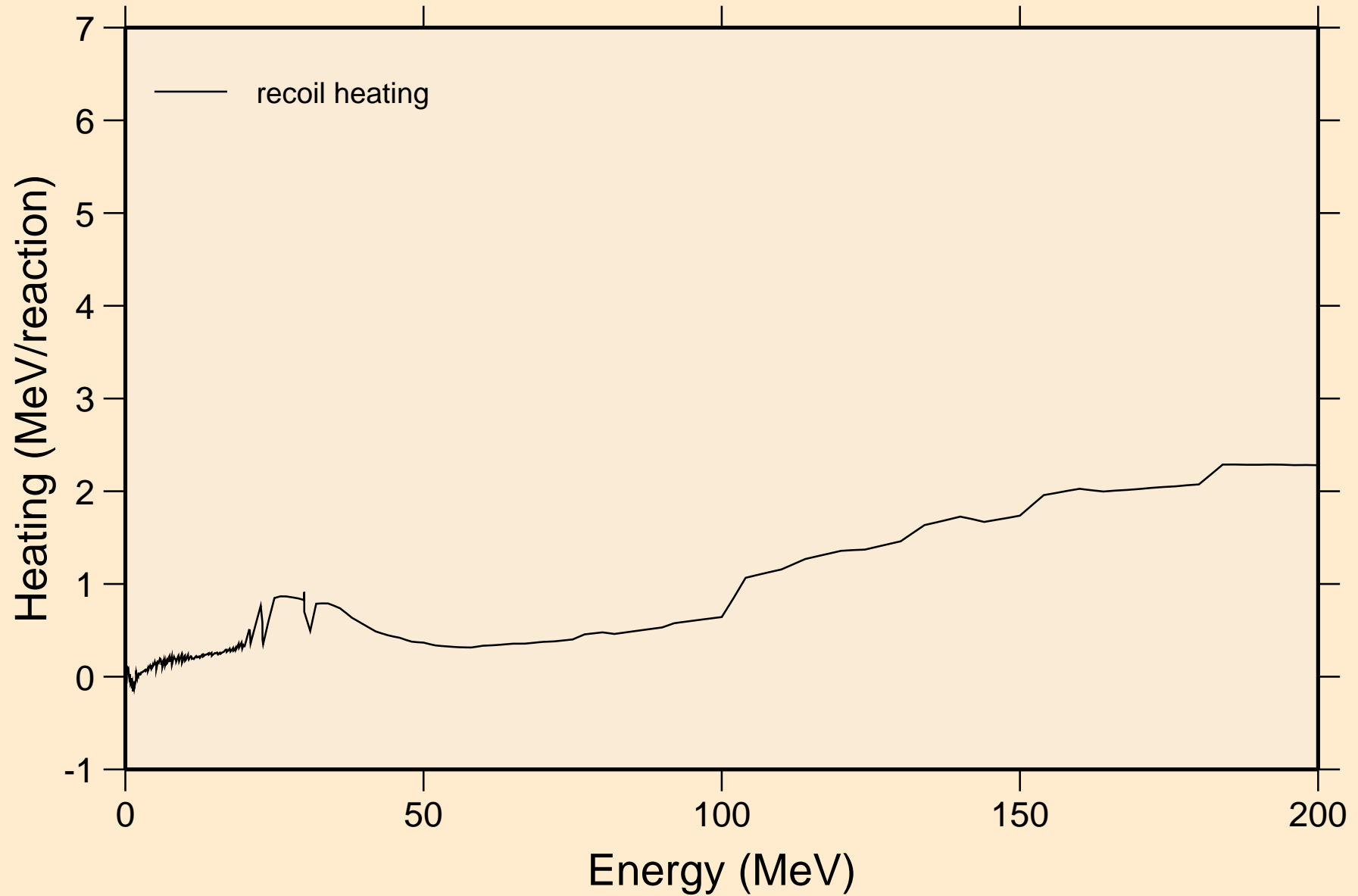


# HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

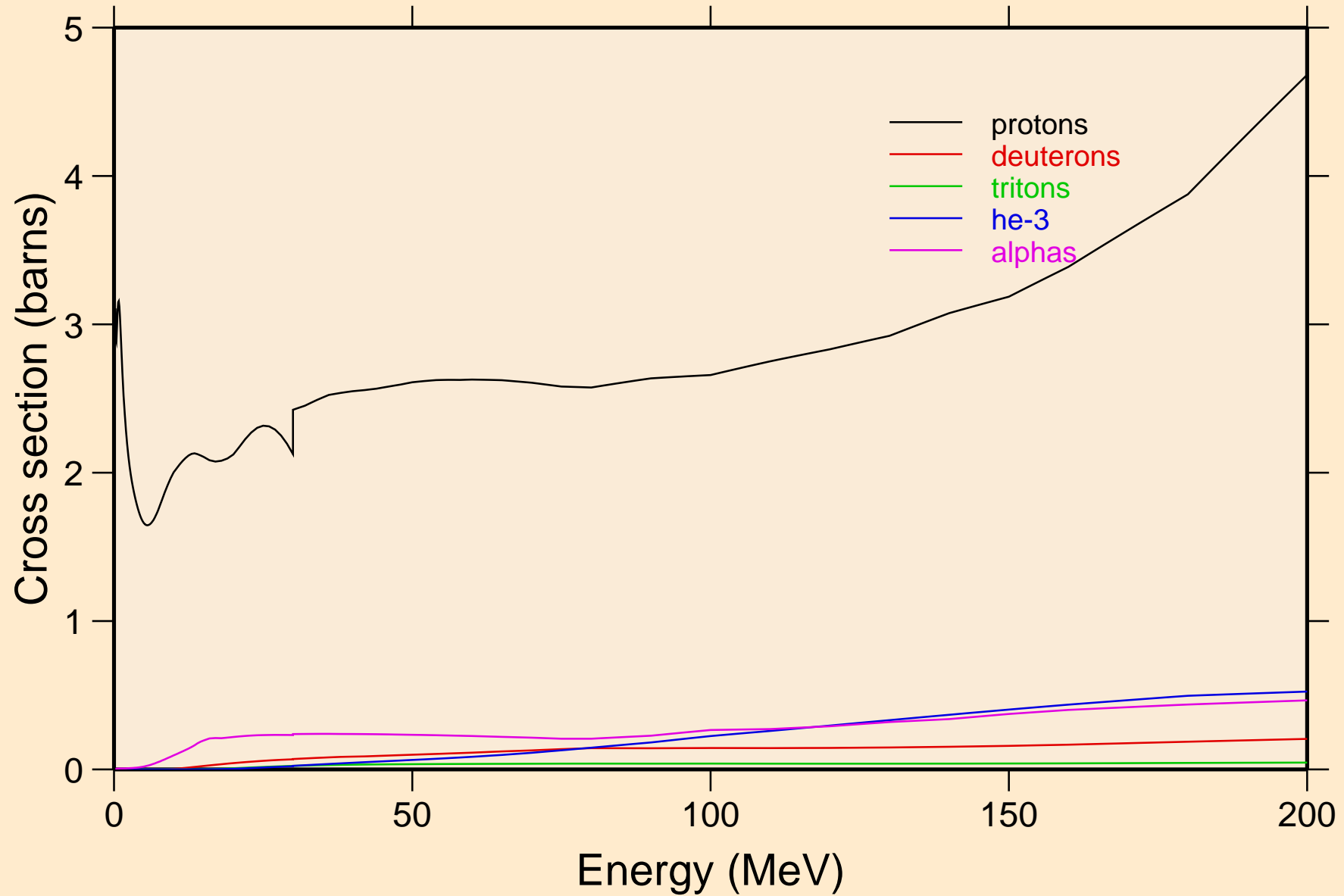
## Particle heating contributions



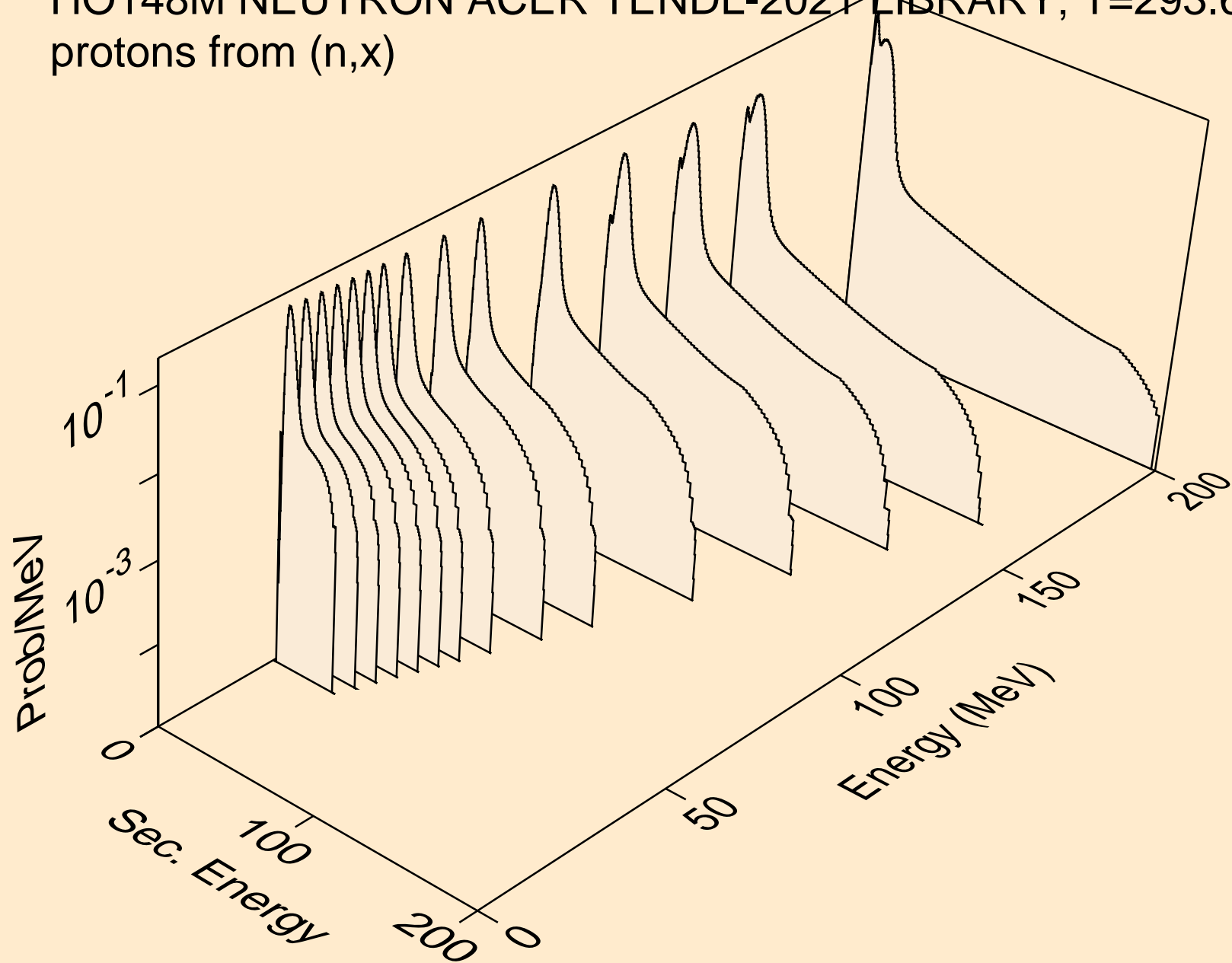
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Recoil Heating



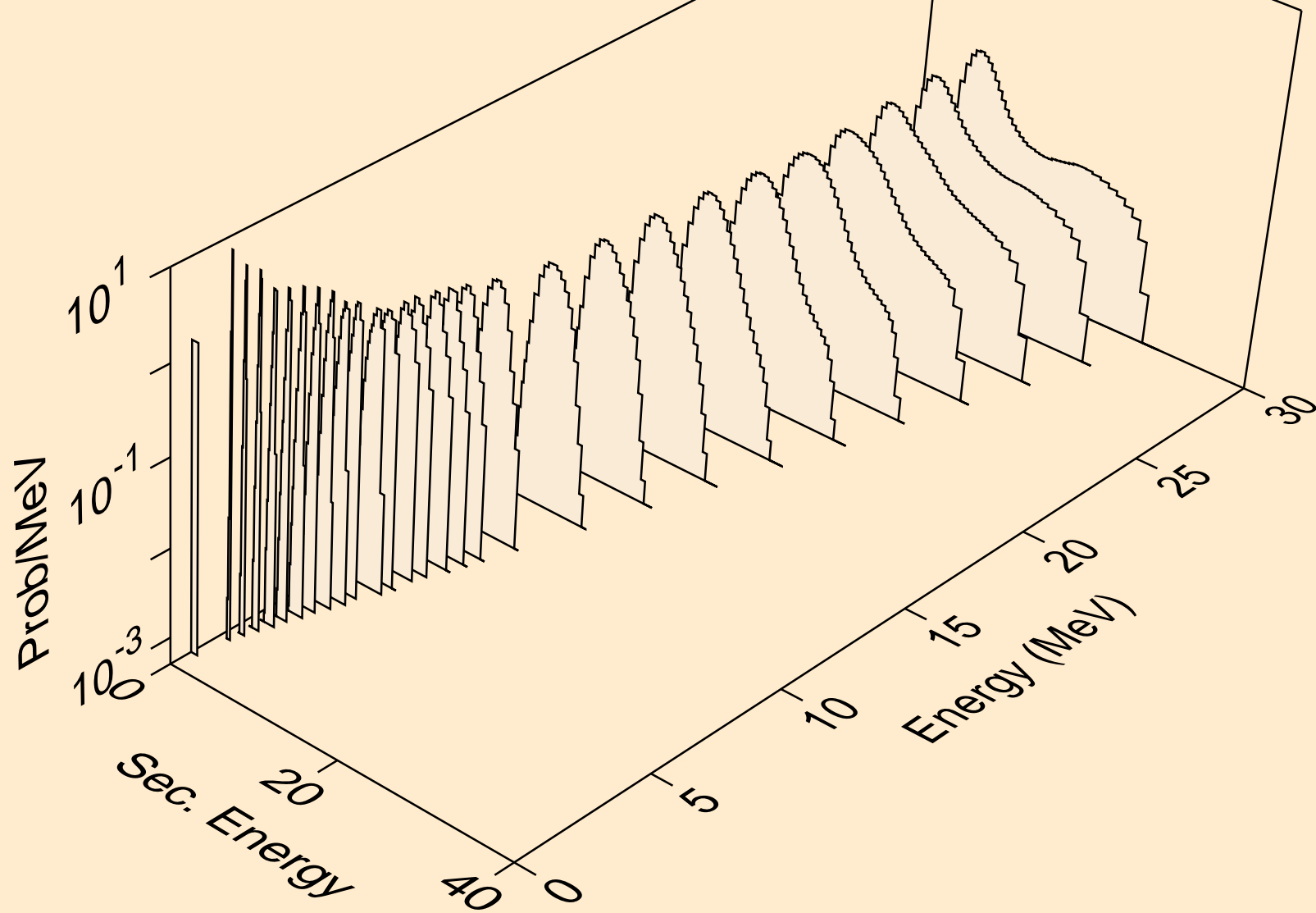
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Particle production cross sections



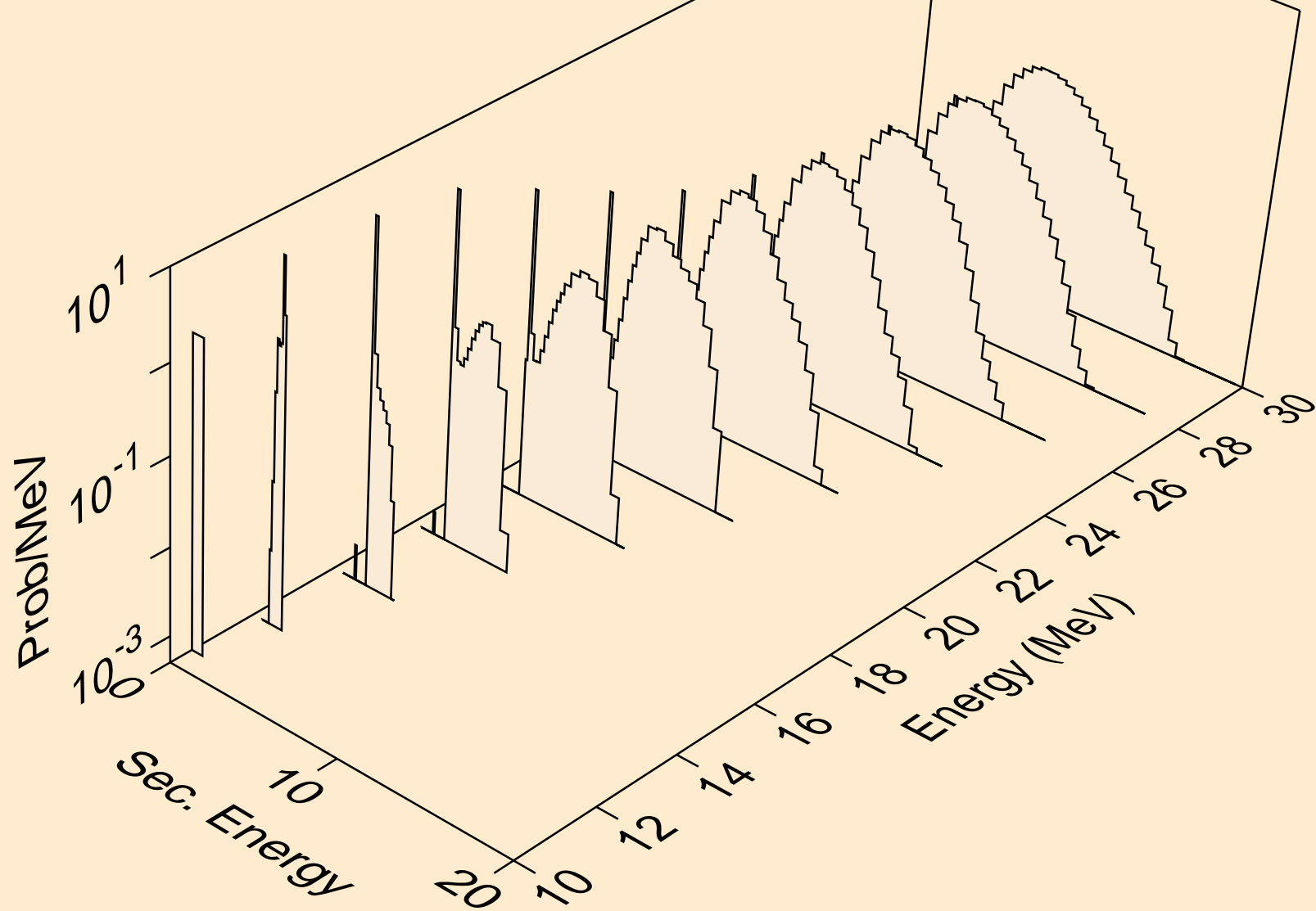
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

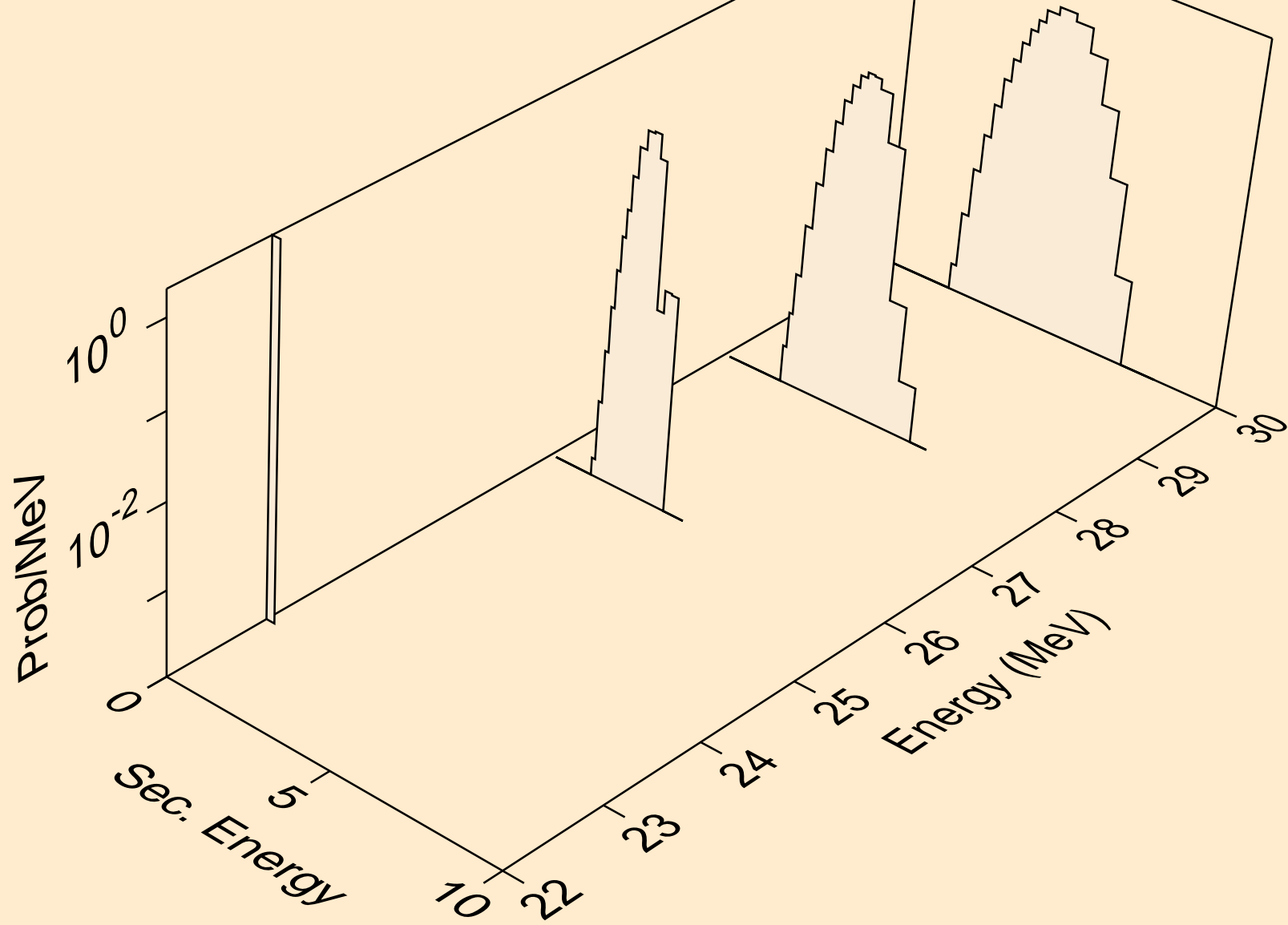


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protons from (n,2np)

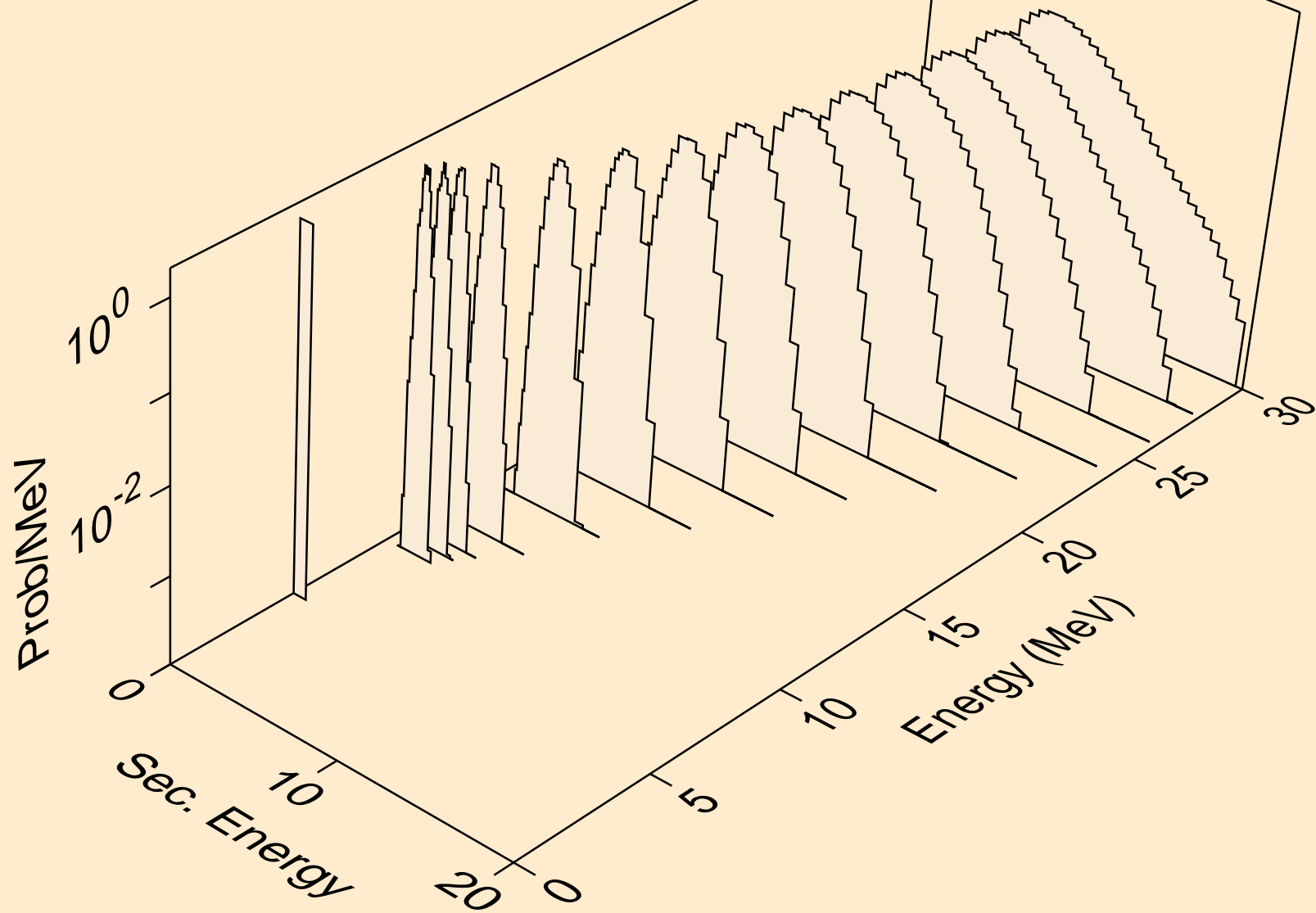




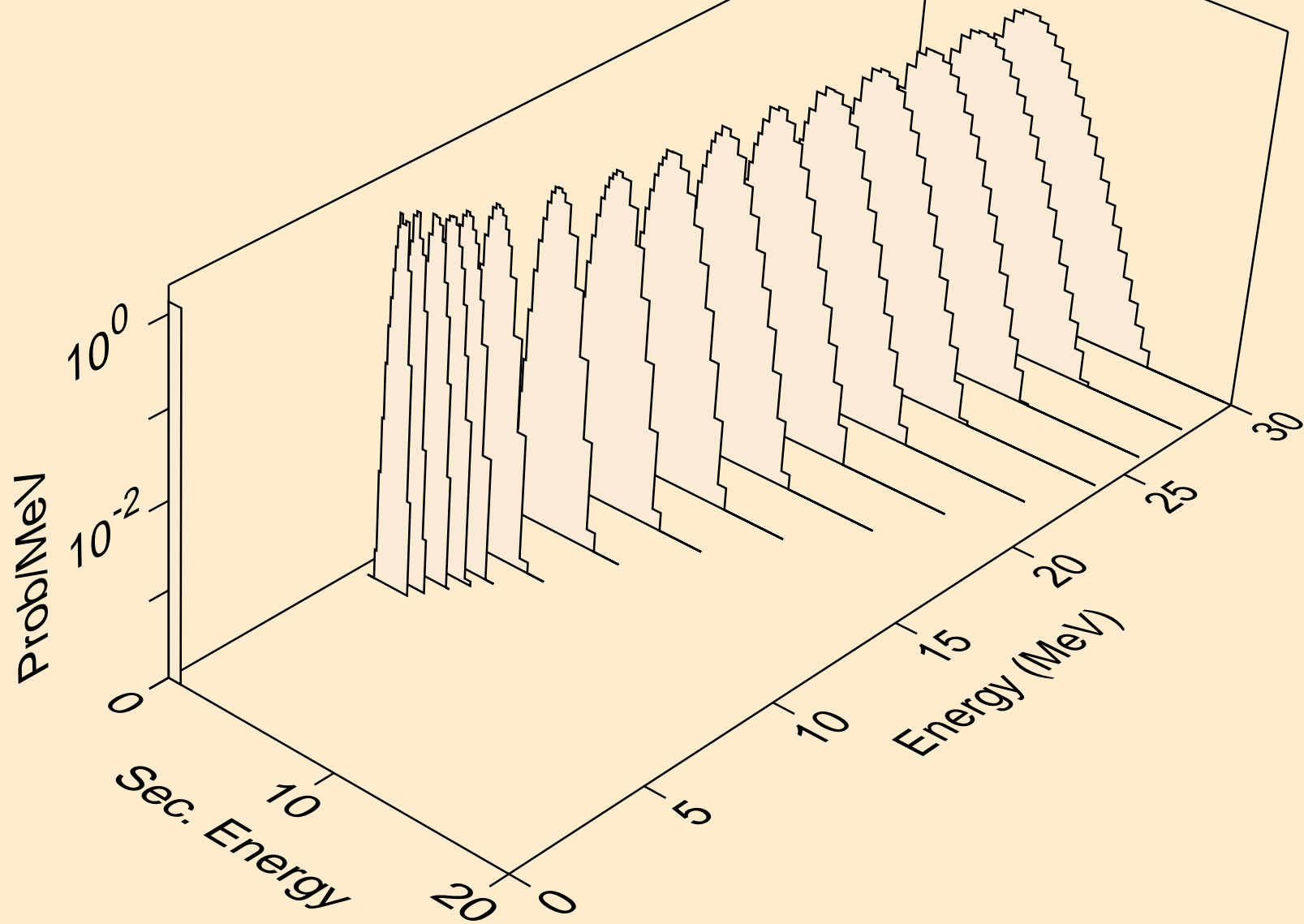
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protons from (n,3np)



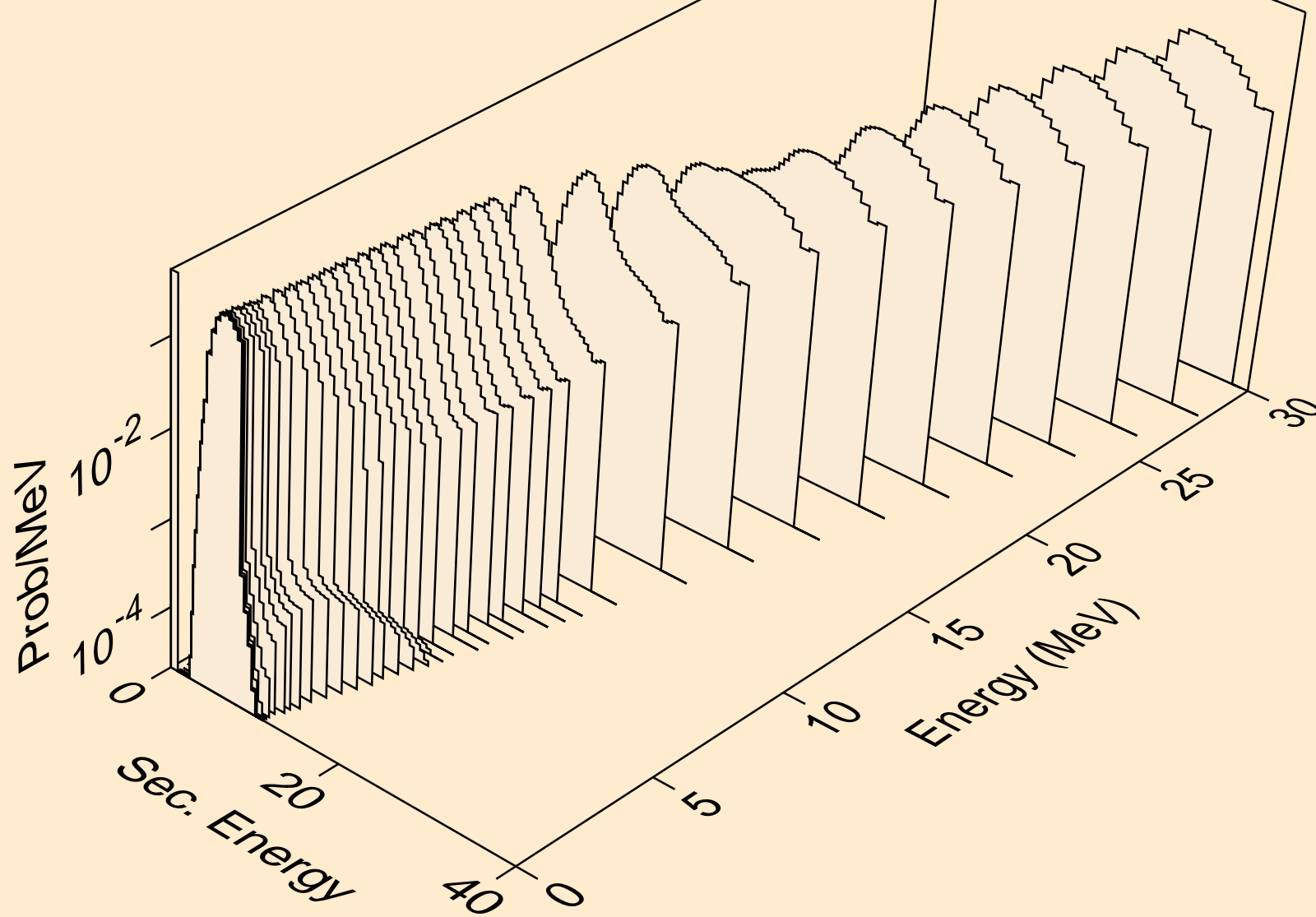
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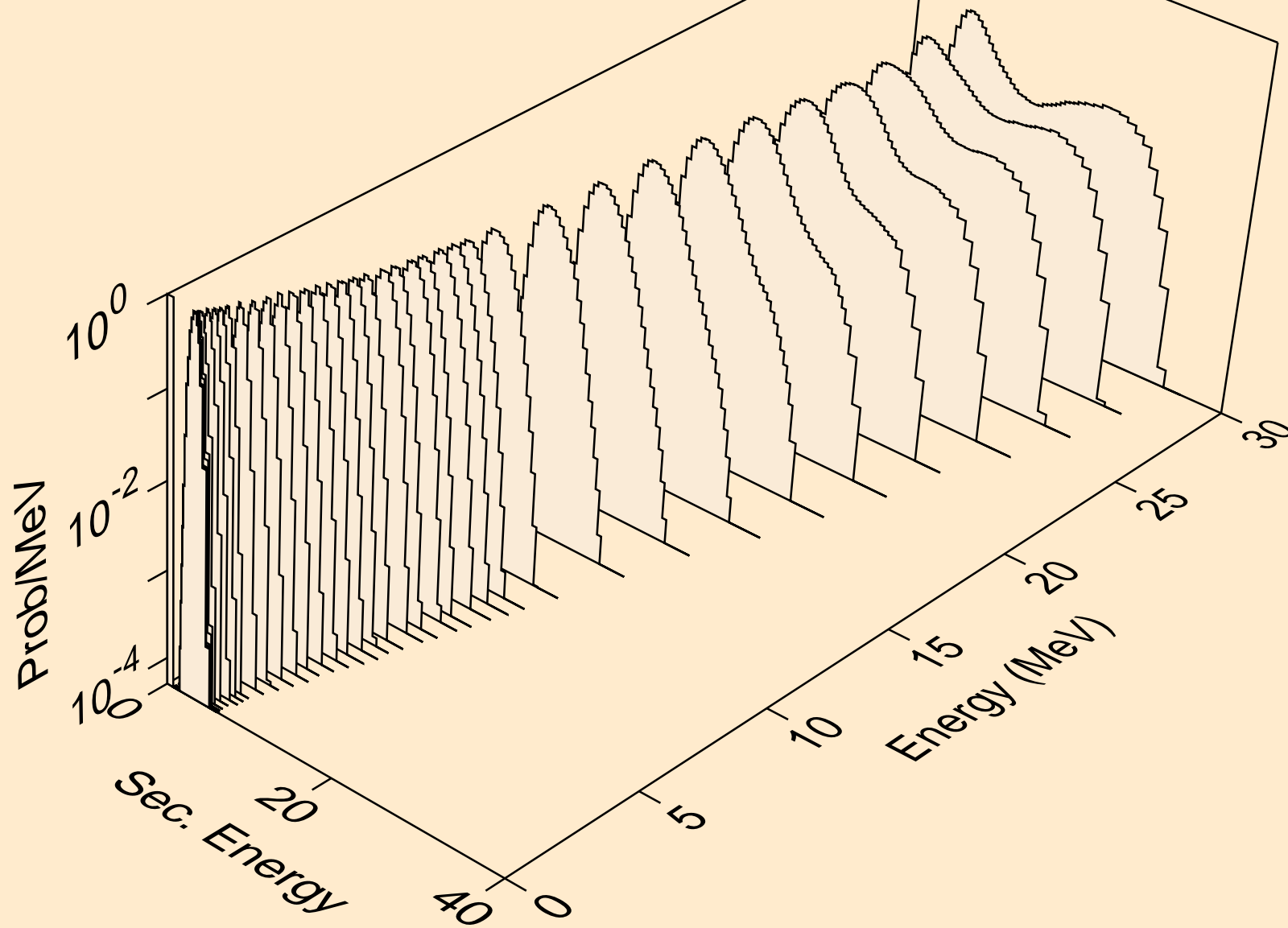
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protons from (n,npa)



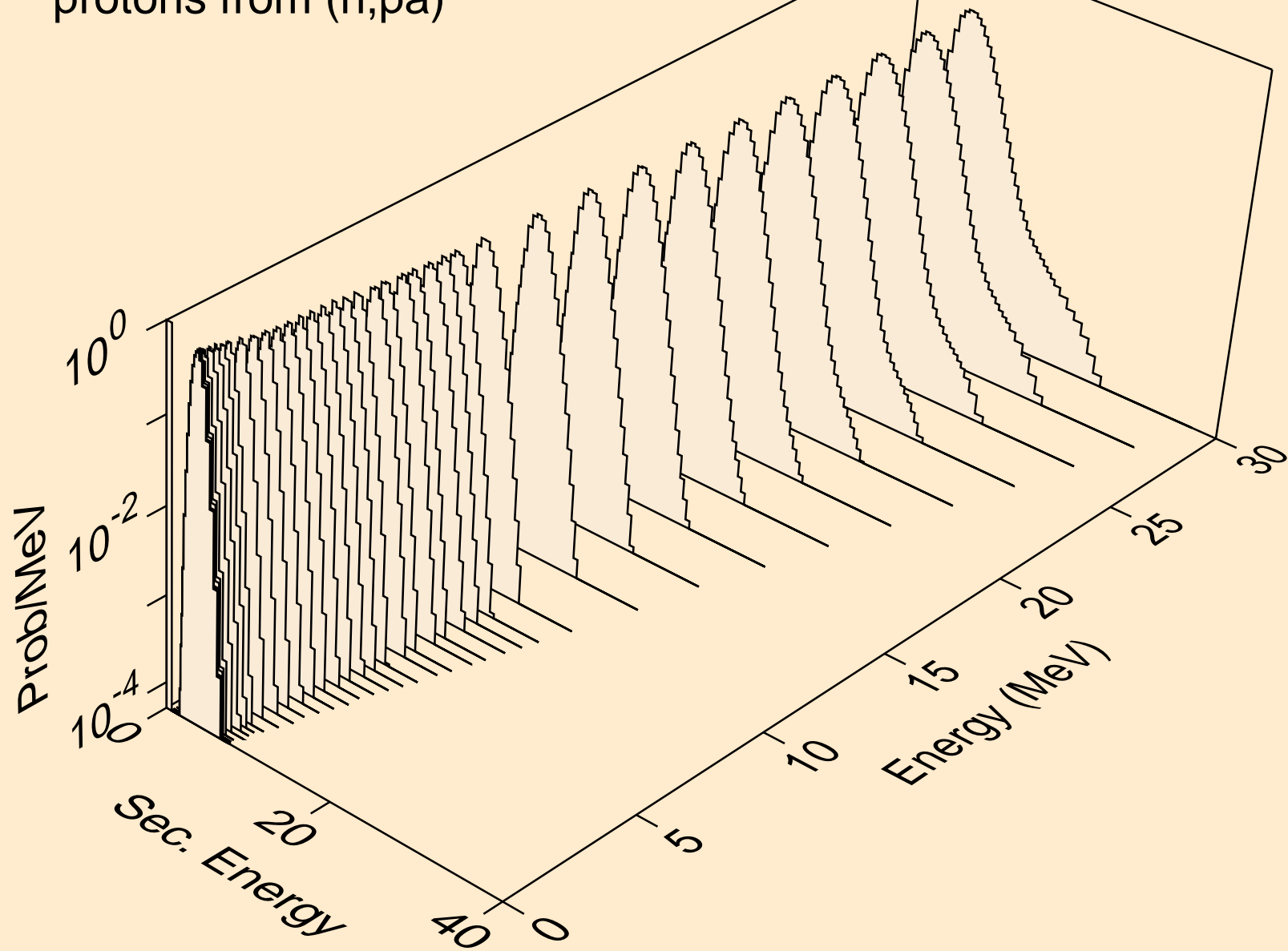
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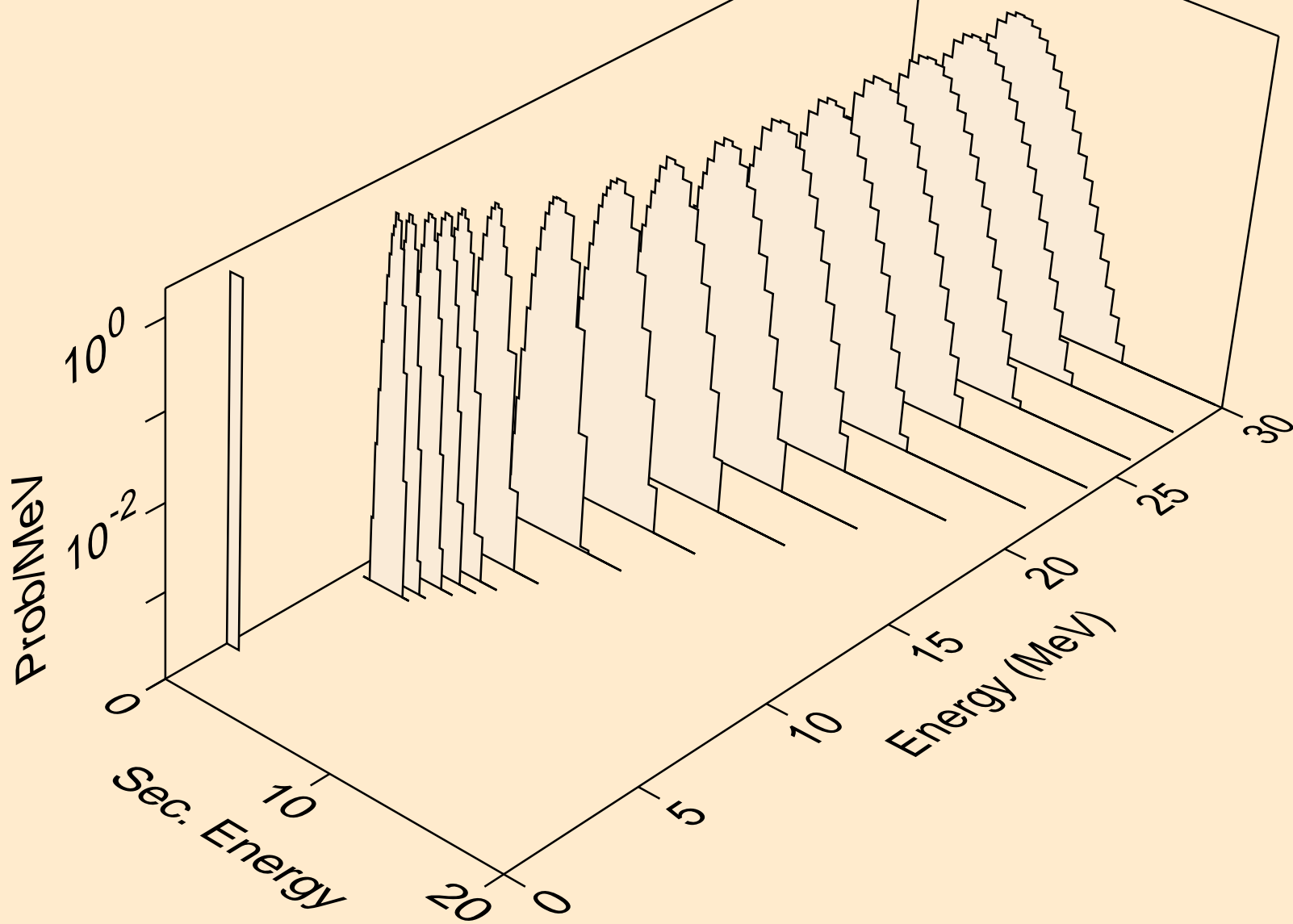
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protons from (n,2p)



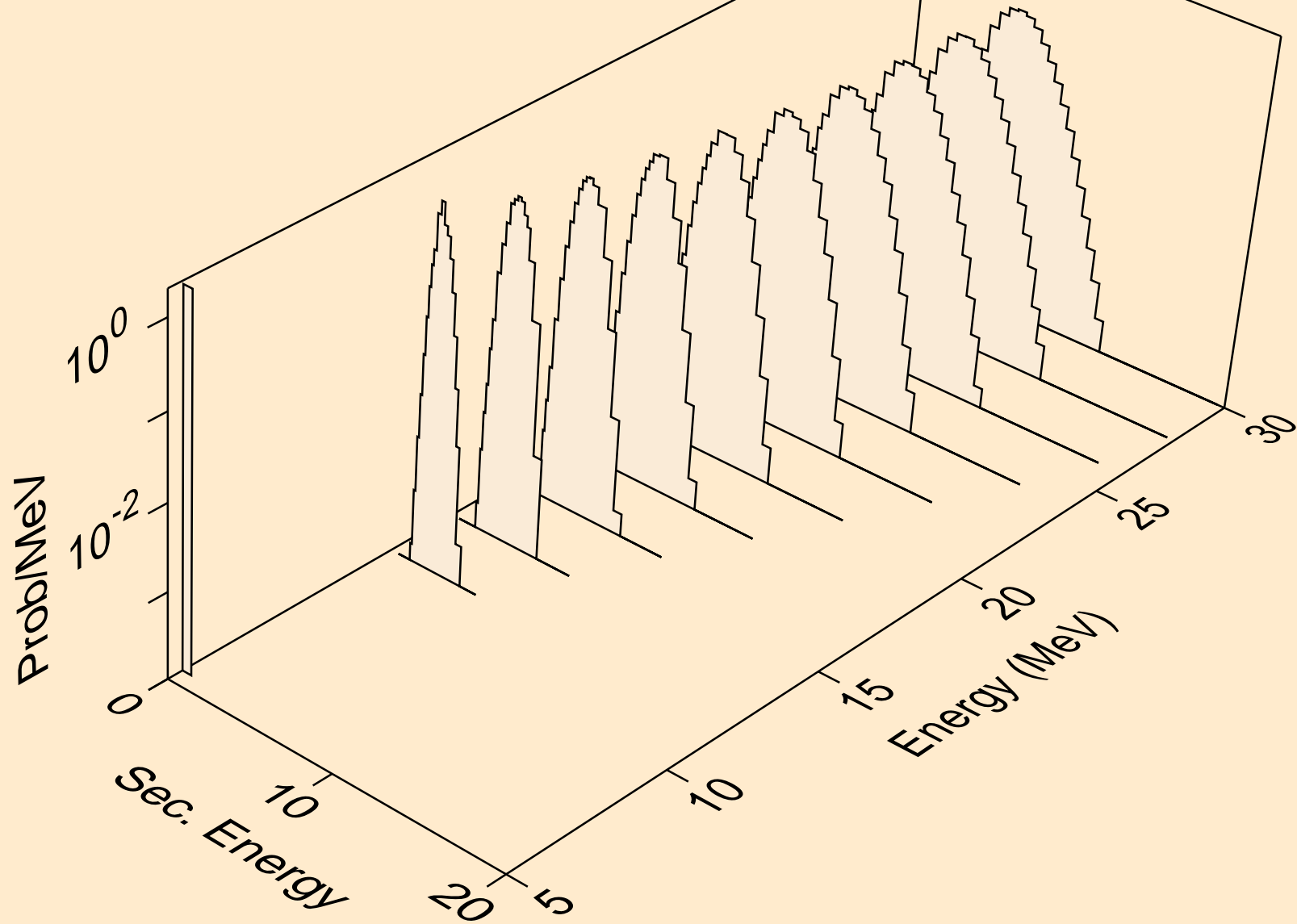
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protons from (n,p)



HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)

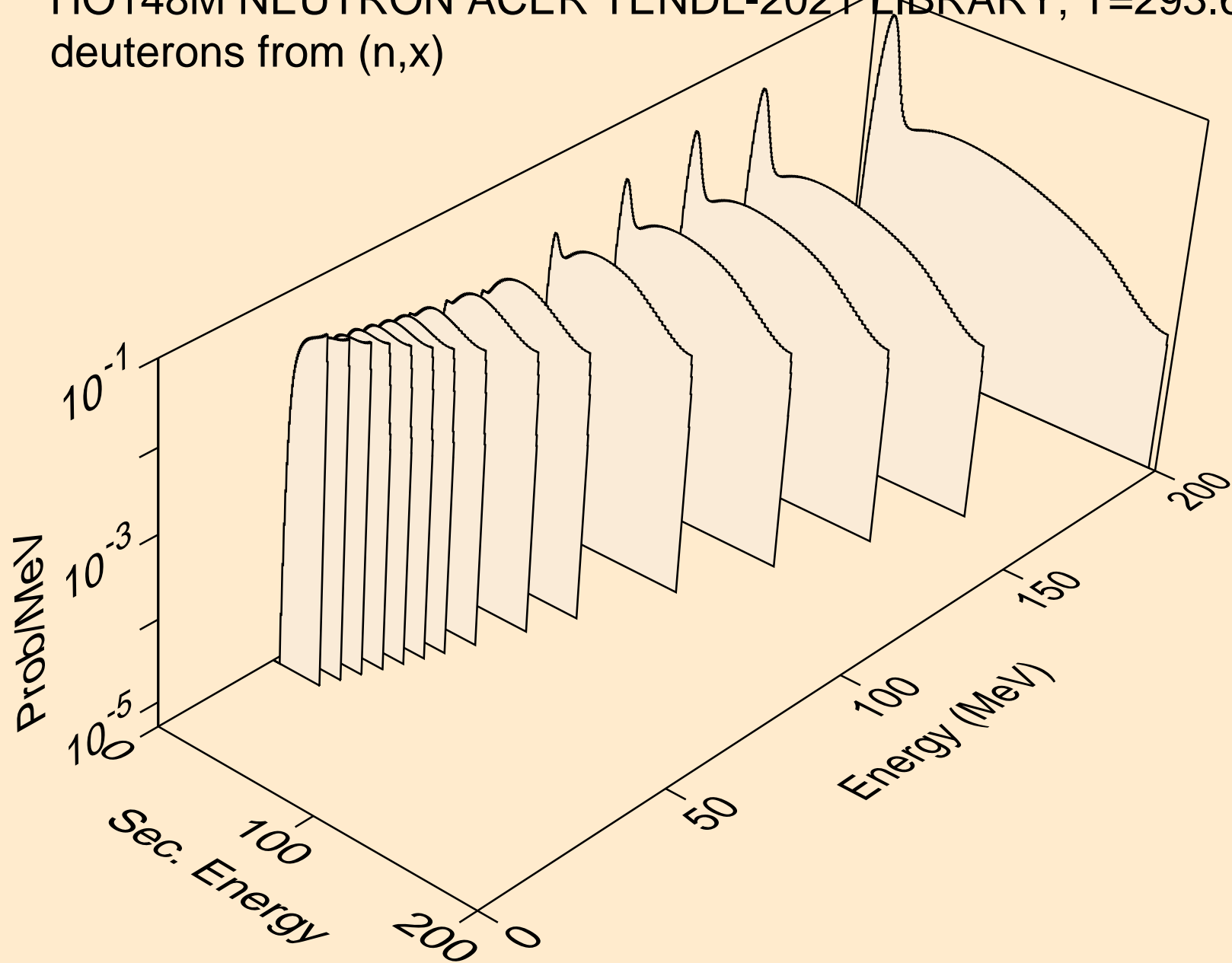


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protons from (n,pt)

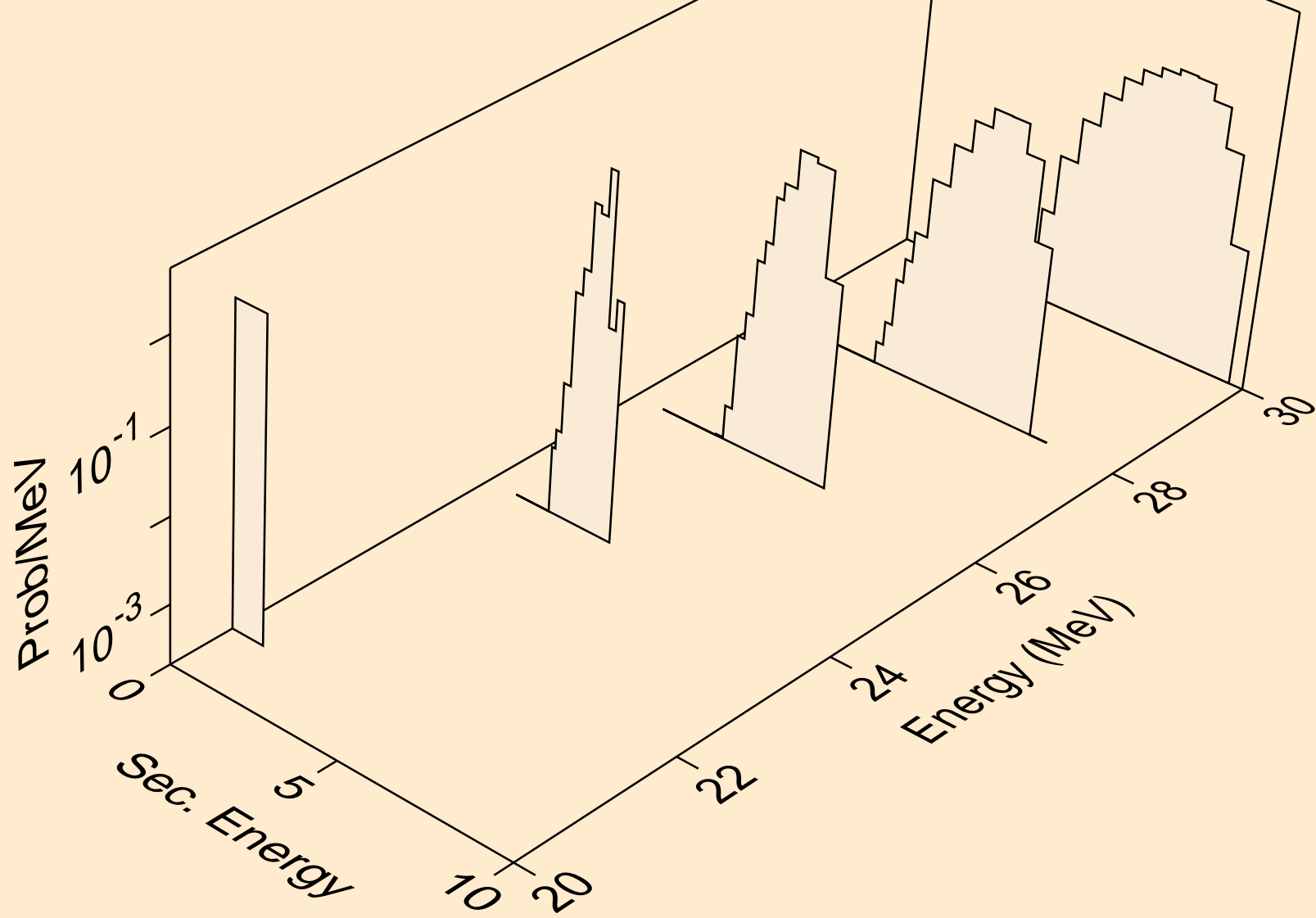




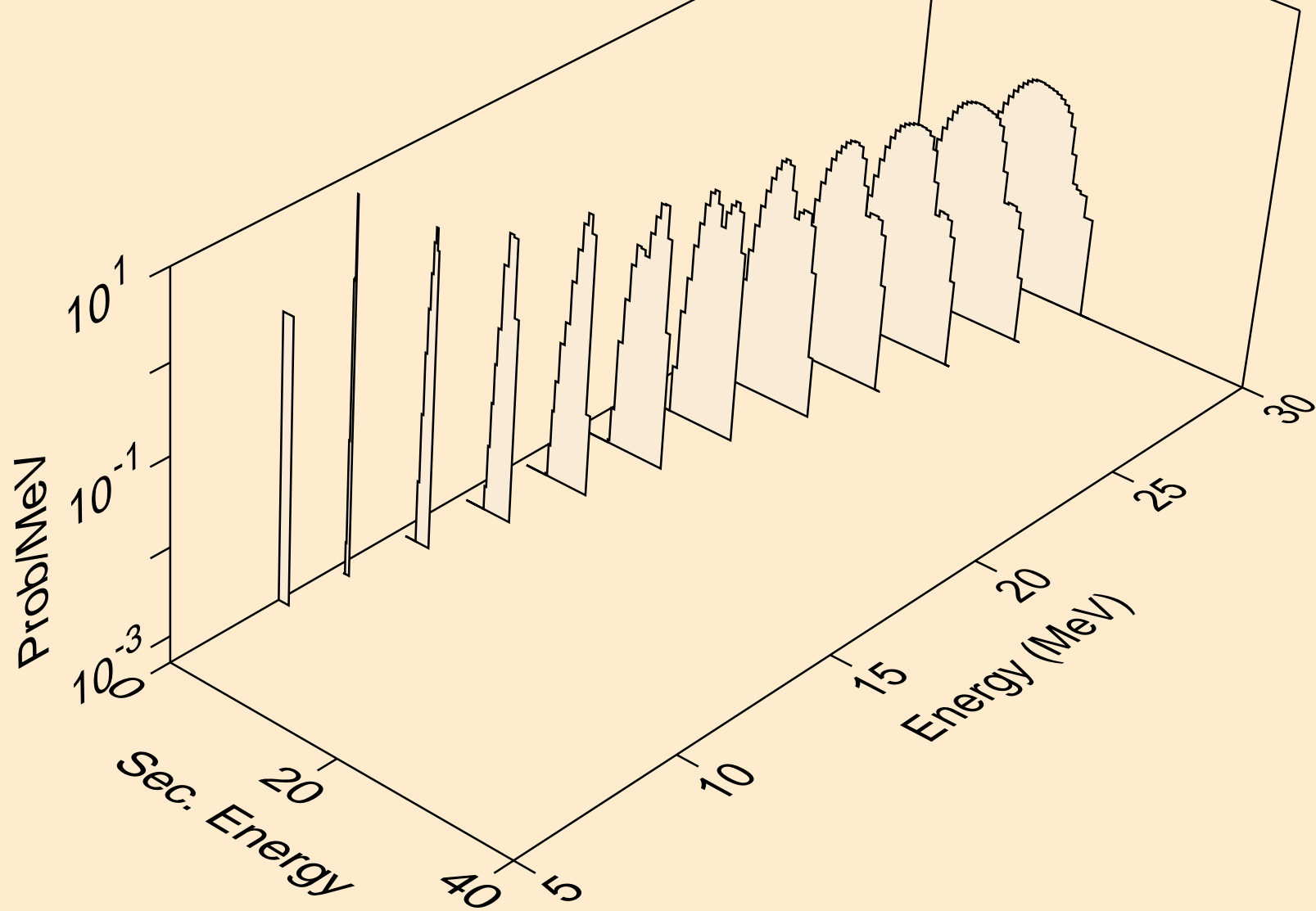
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deuterons from (n,x)



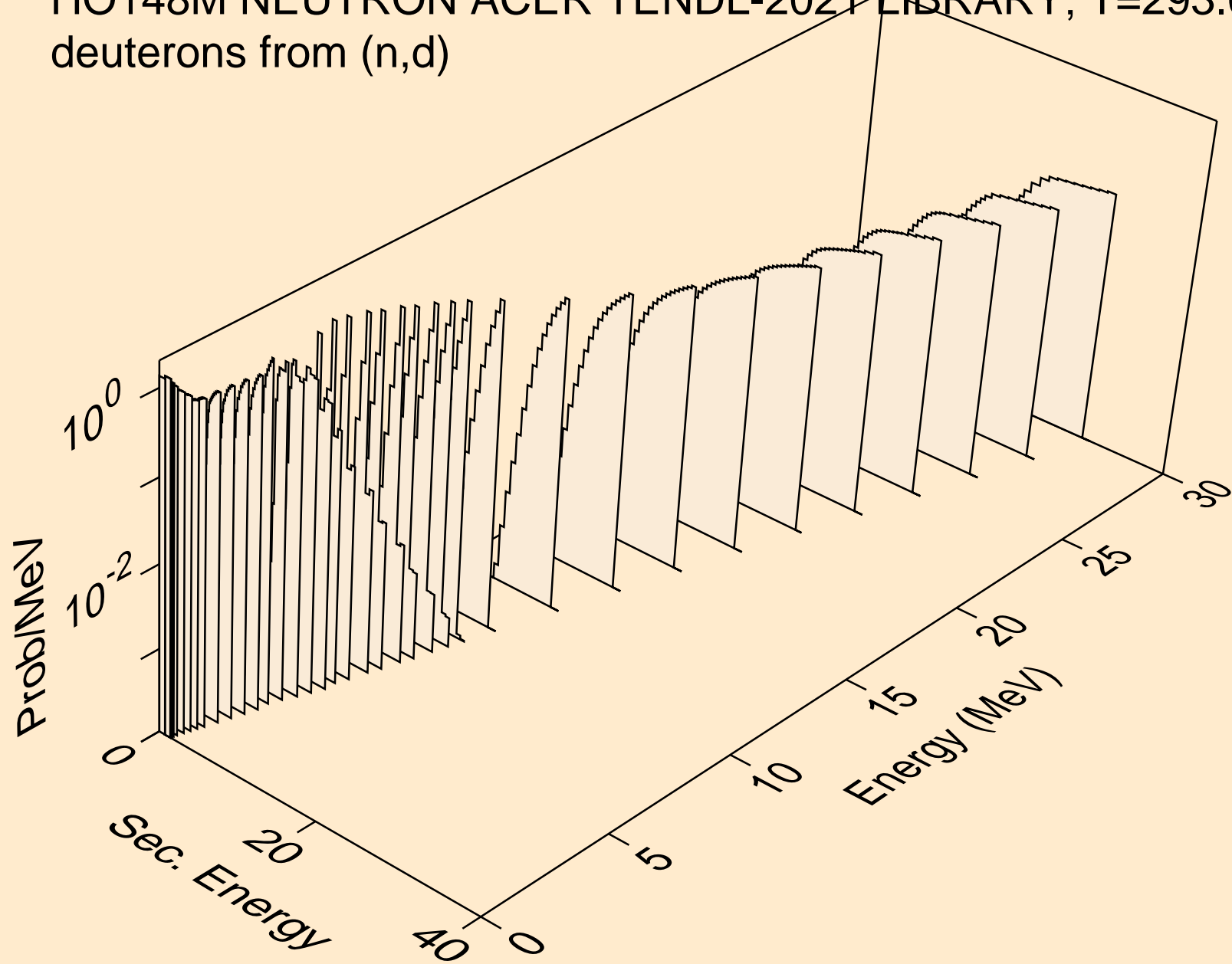
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deuterons from (n,2nd)



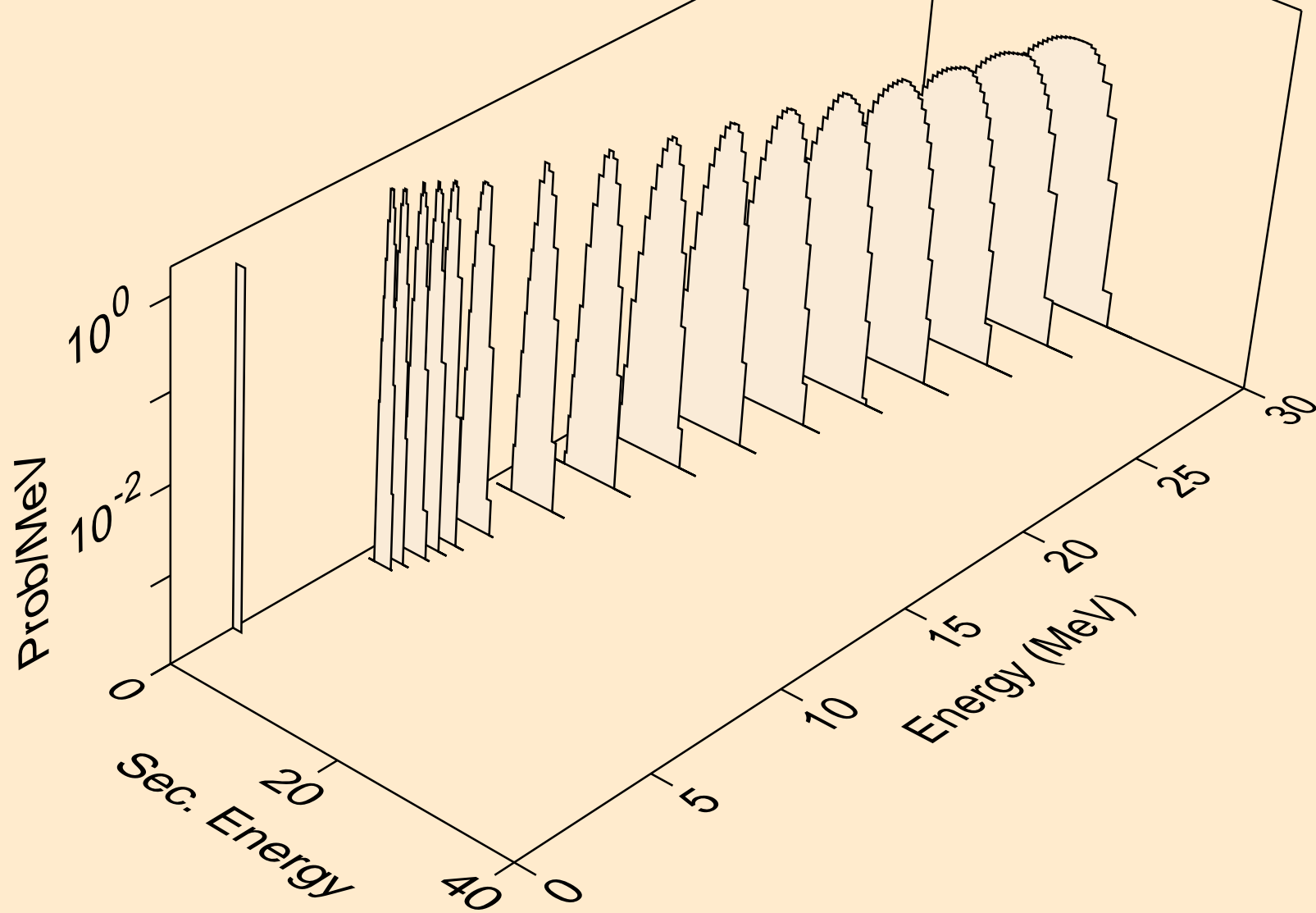
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deuterons from (n,n\*)d



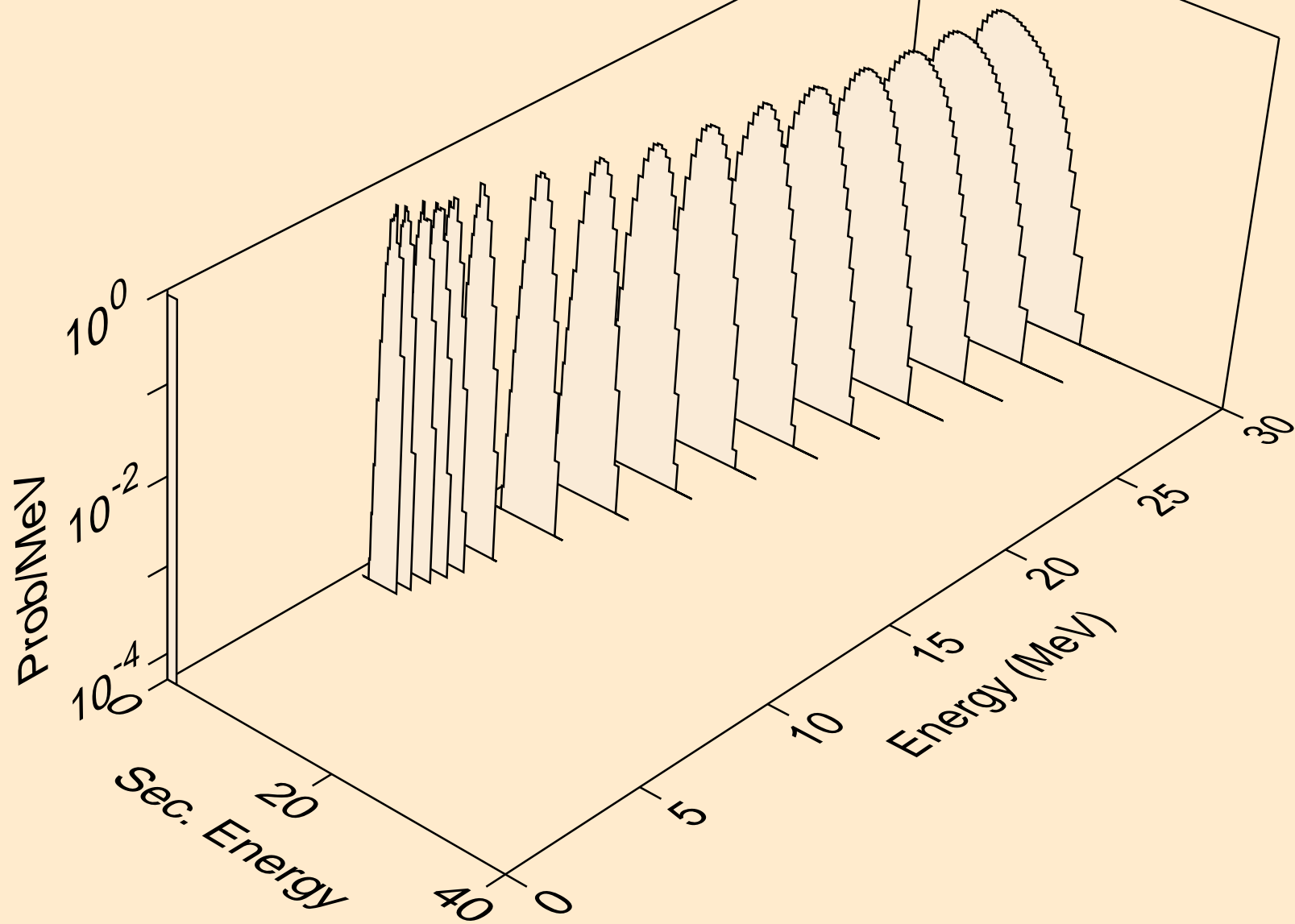
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deuterons from (n,d)



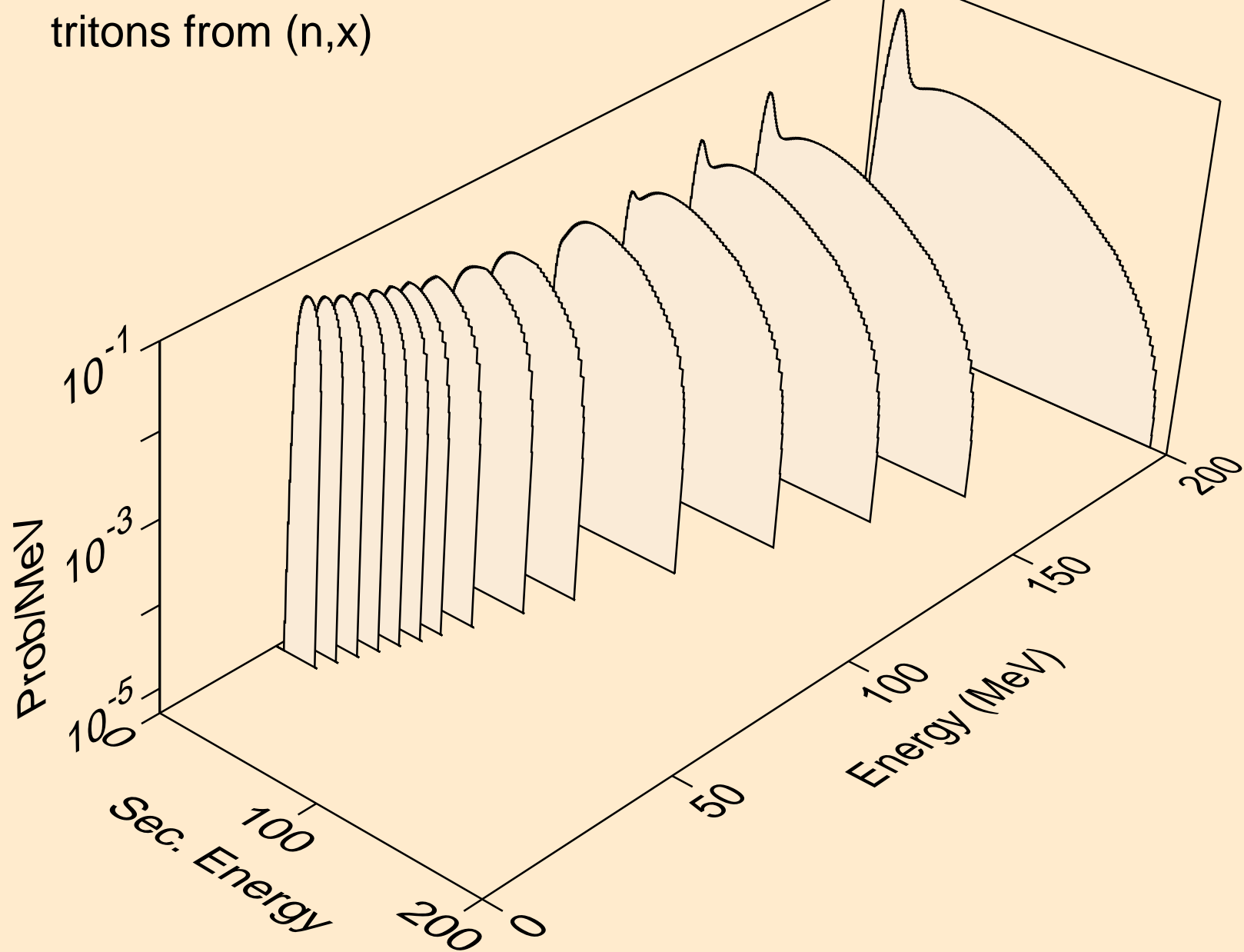
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deuterons from (n,pd)



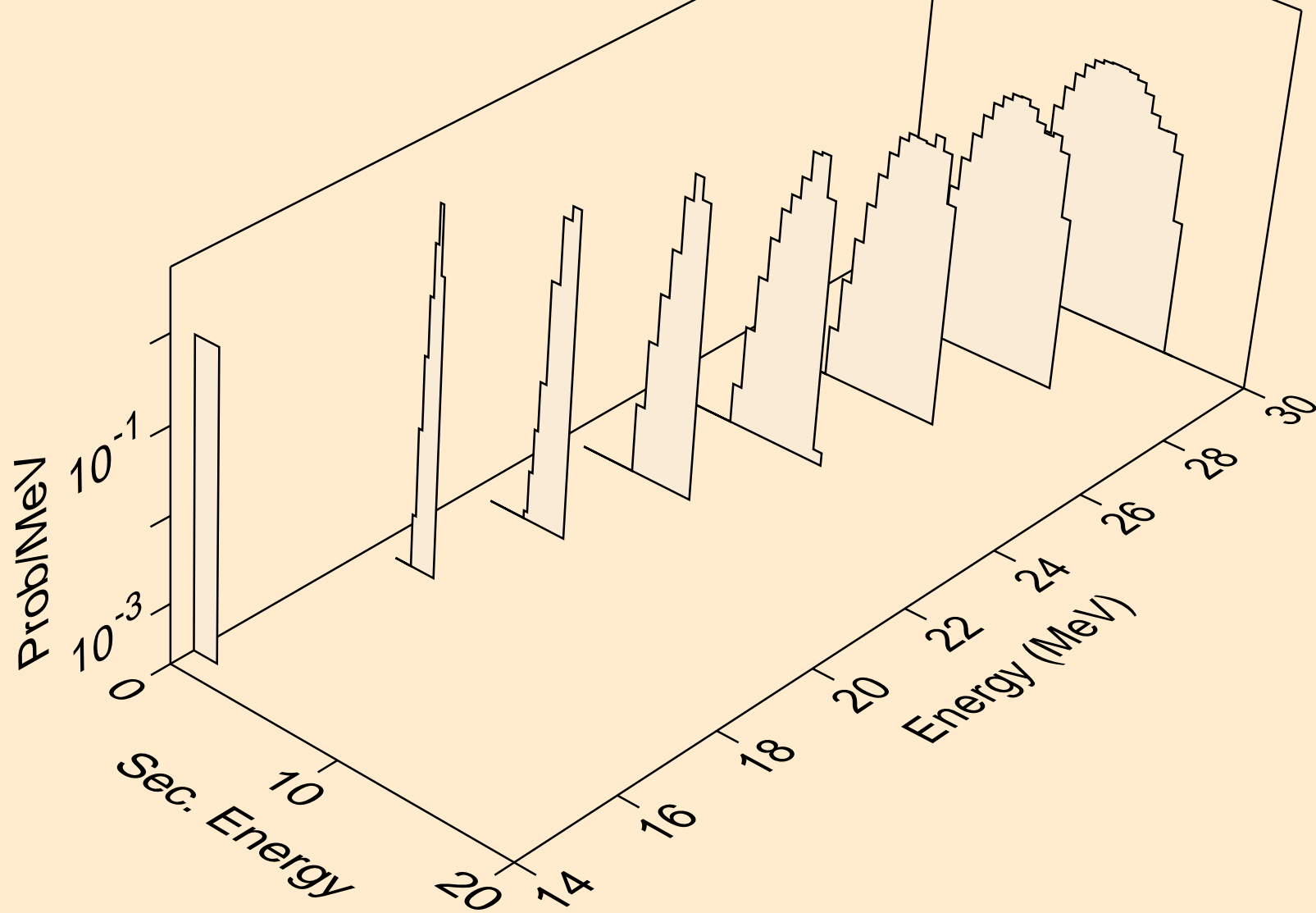
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)



HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)

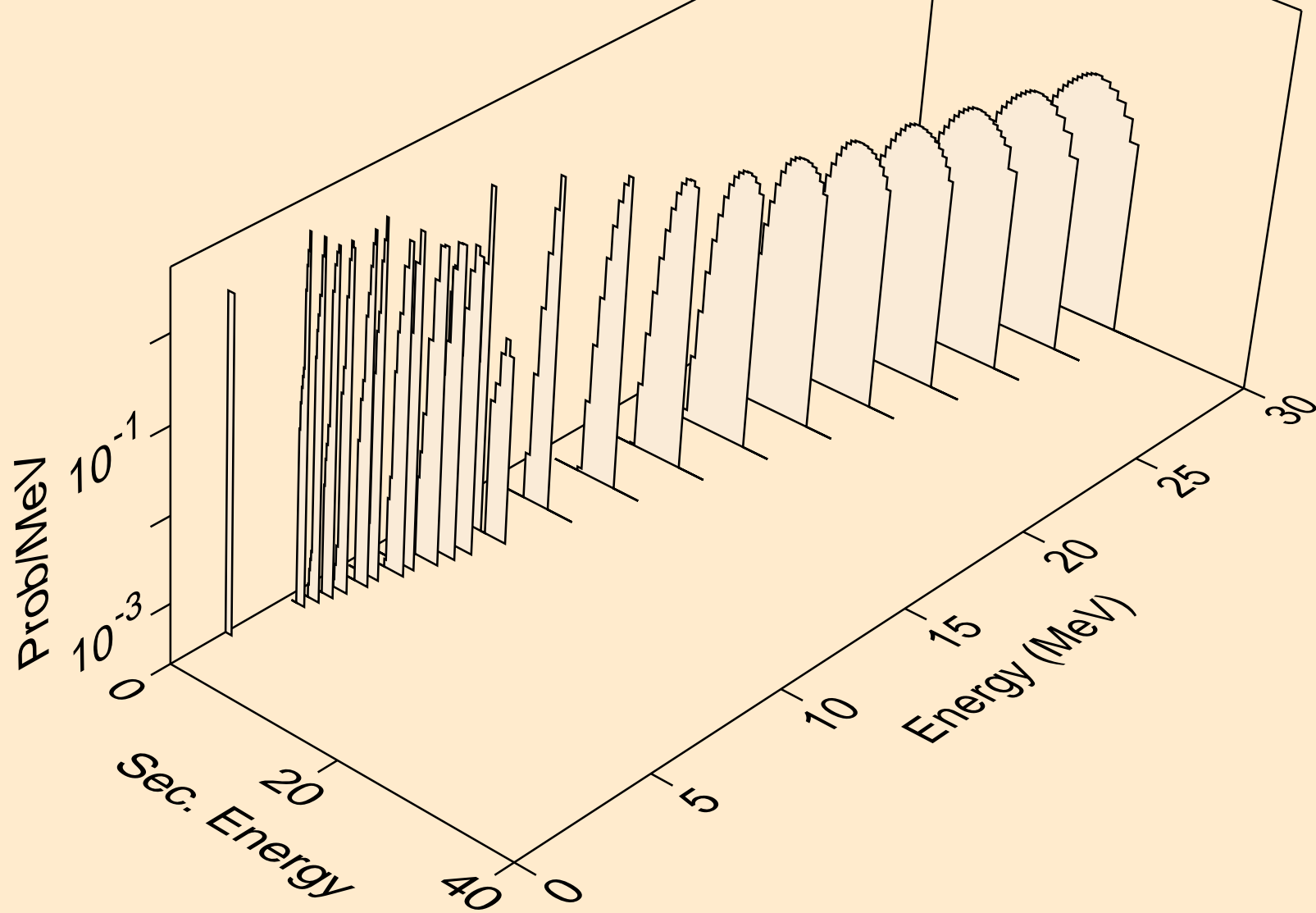


HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t

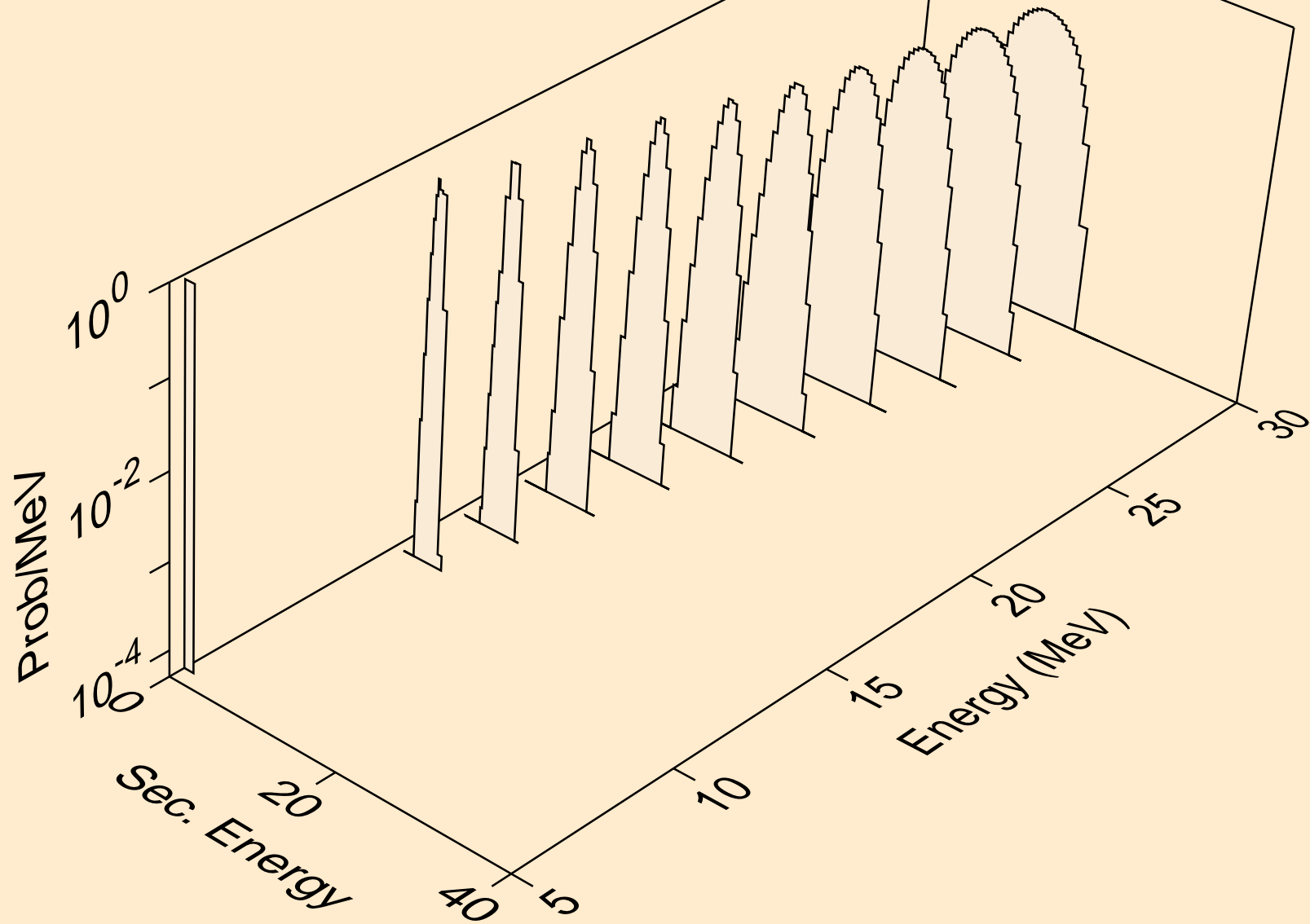




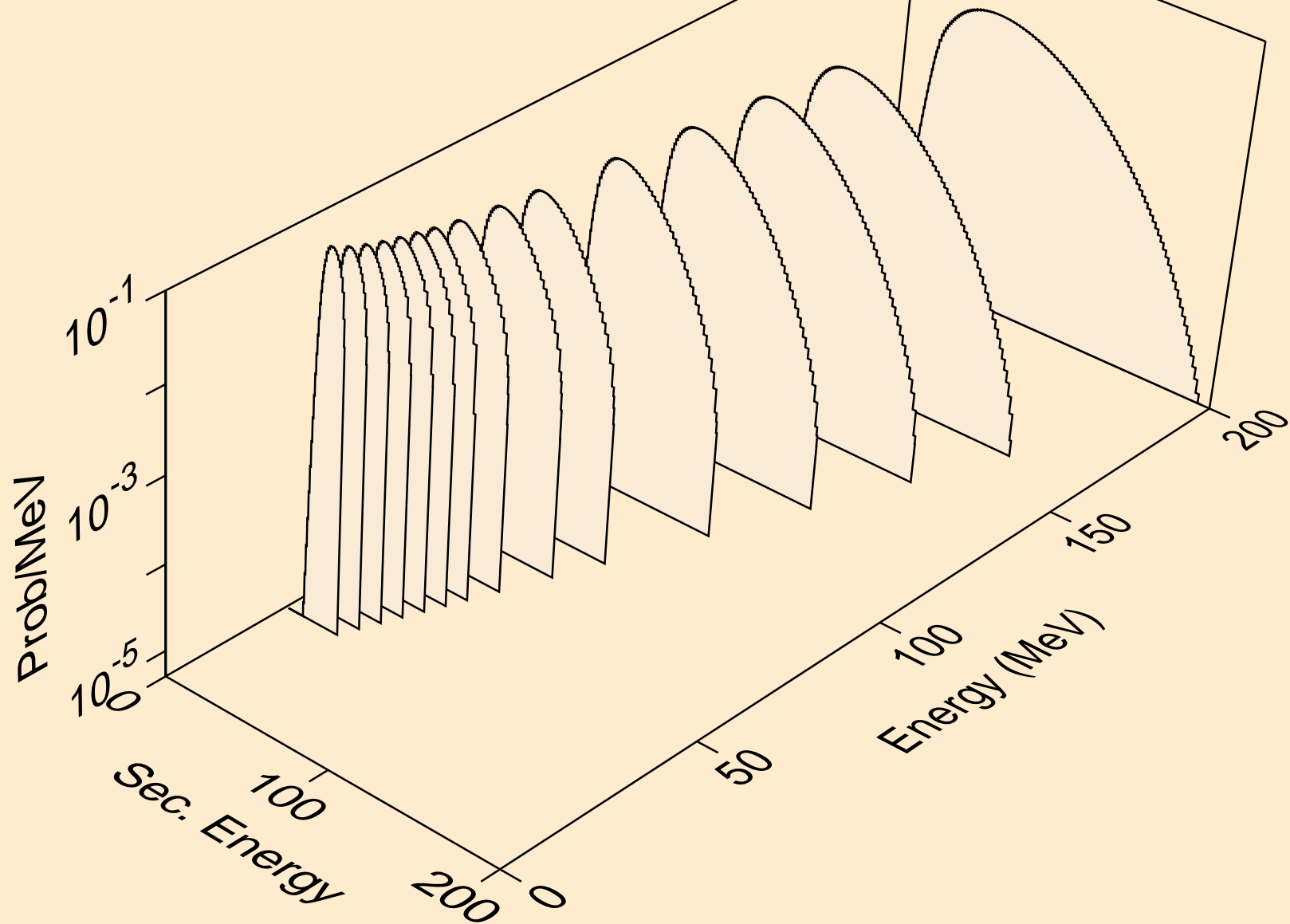
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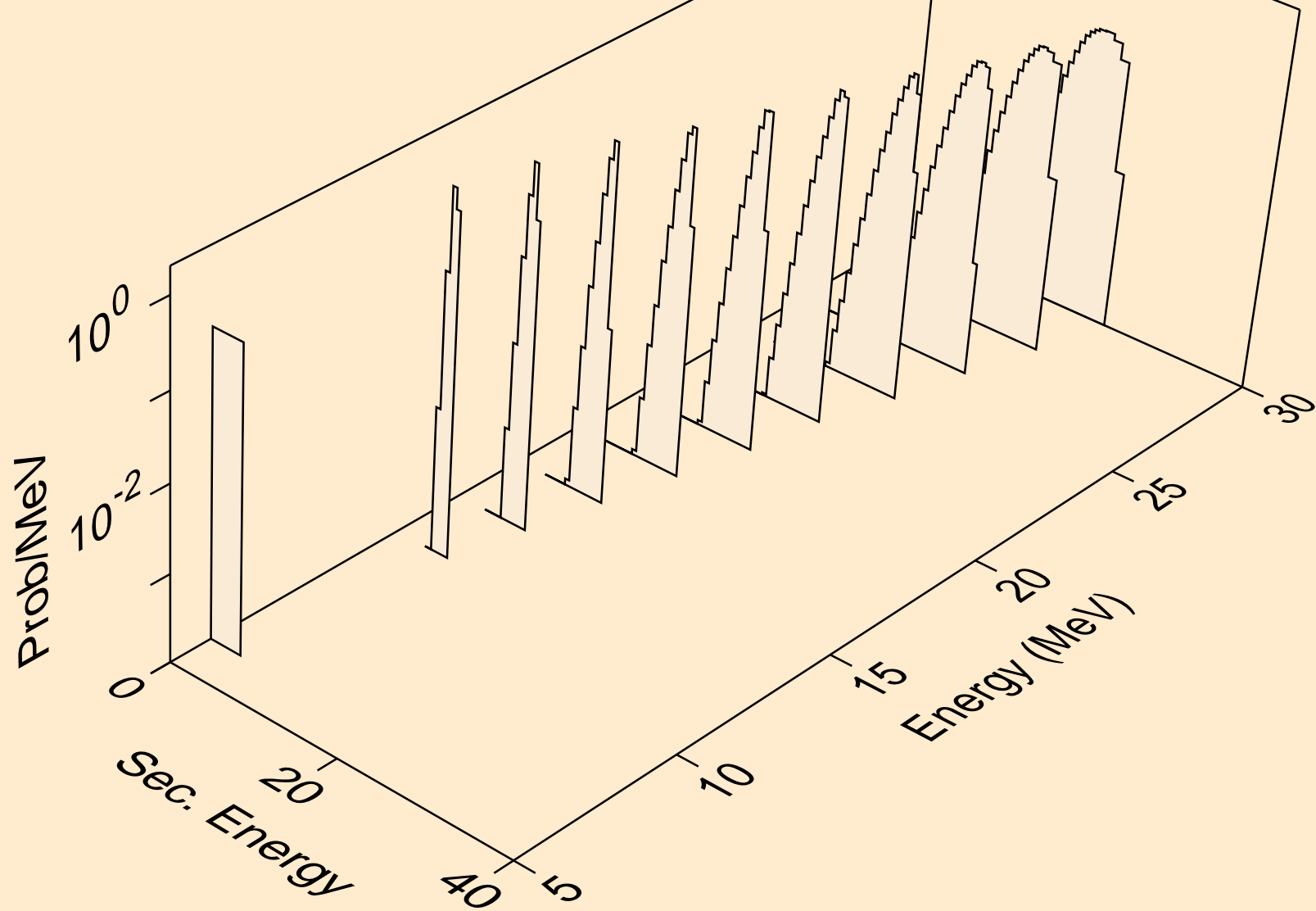
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tritons from (n,pt)



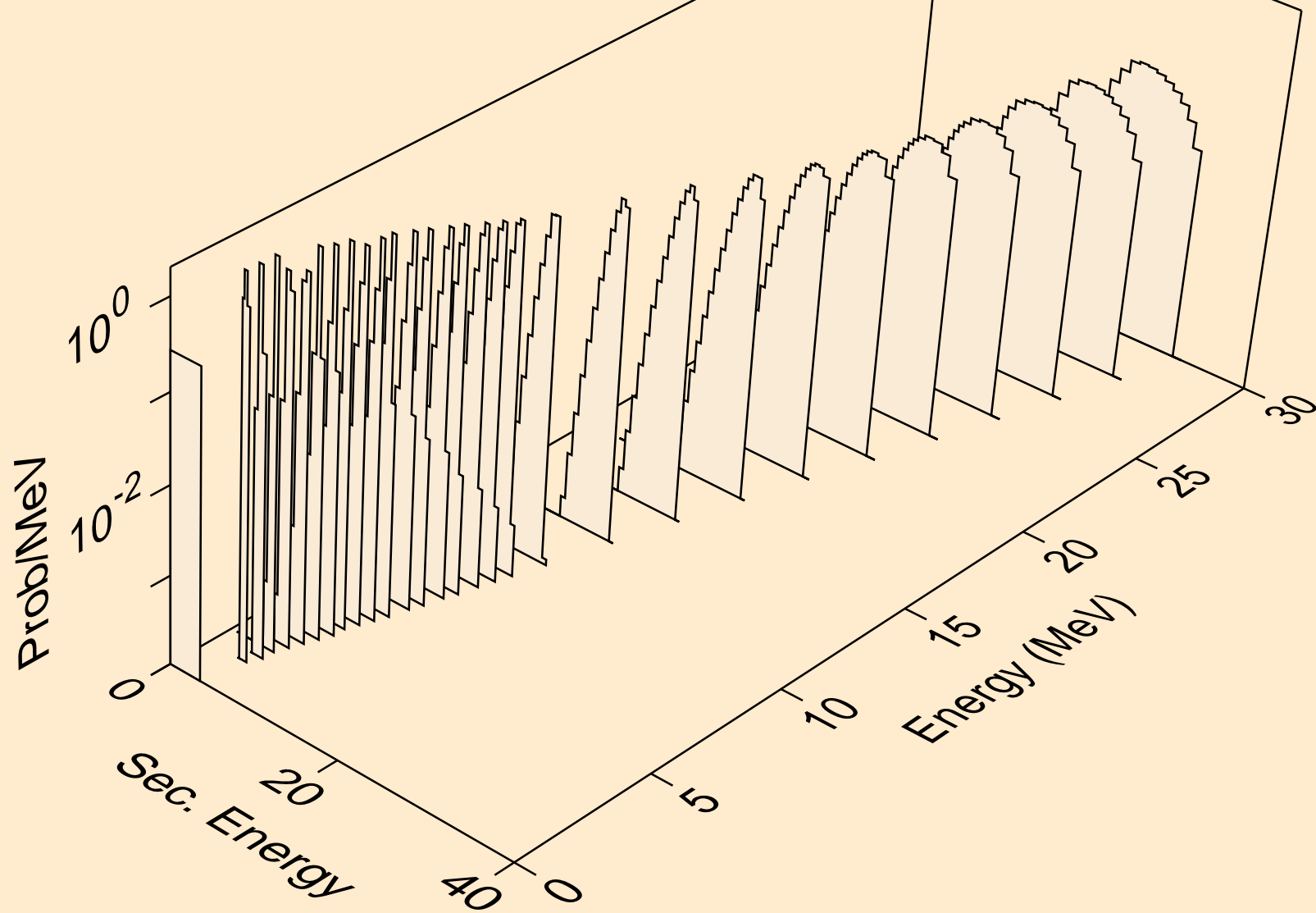
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he3s from (n,x)



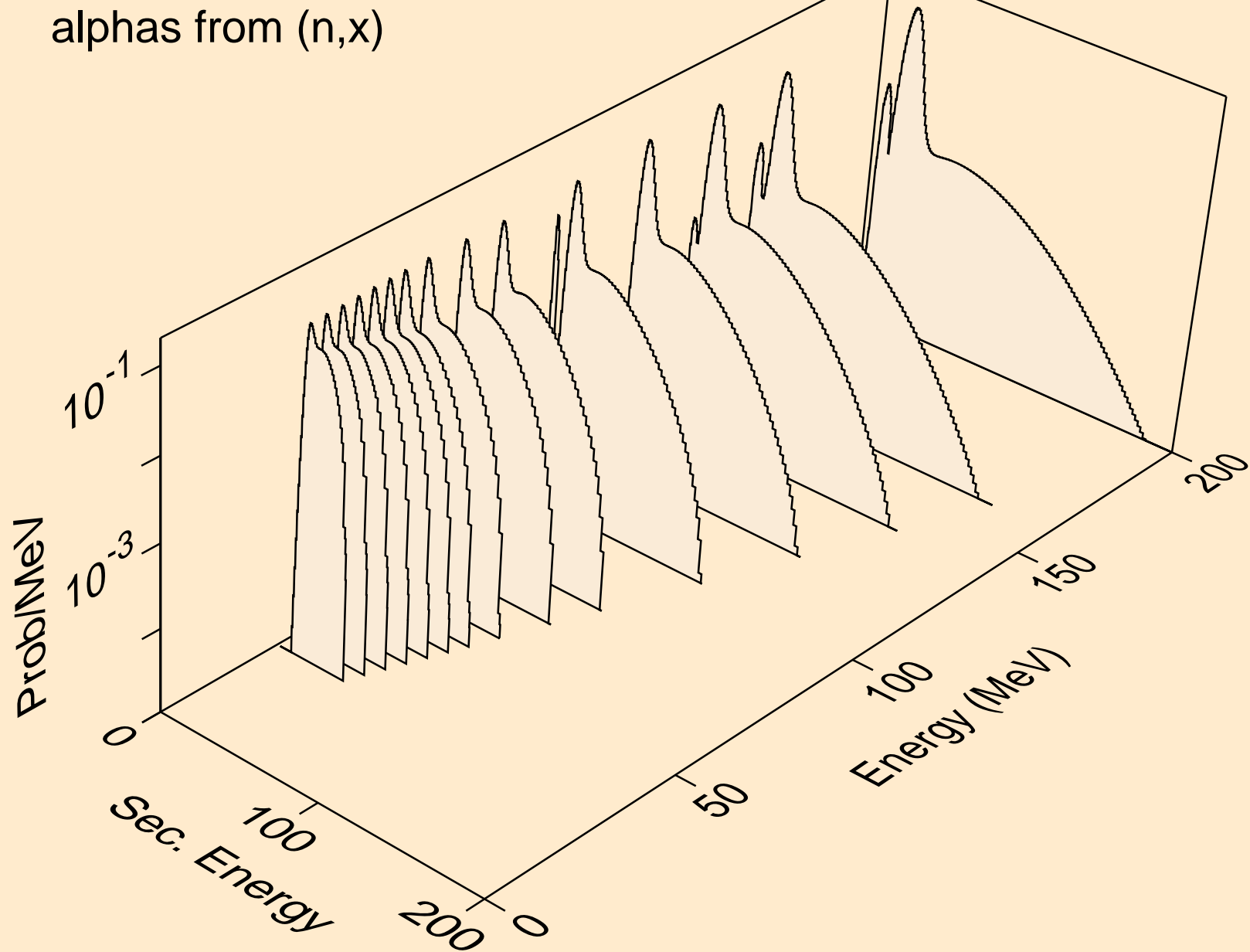
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he3s from (n,n\*)he3



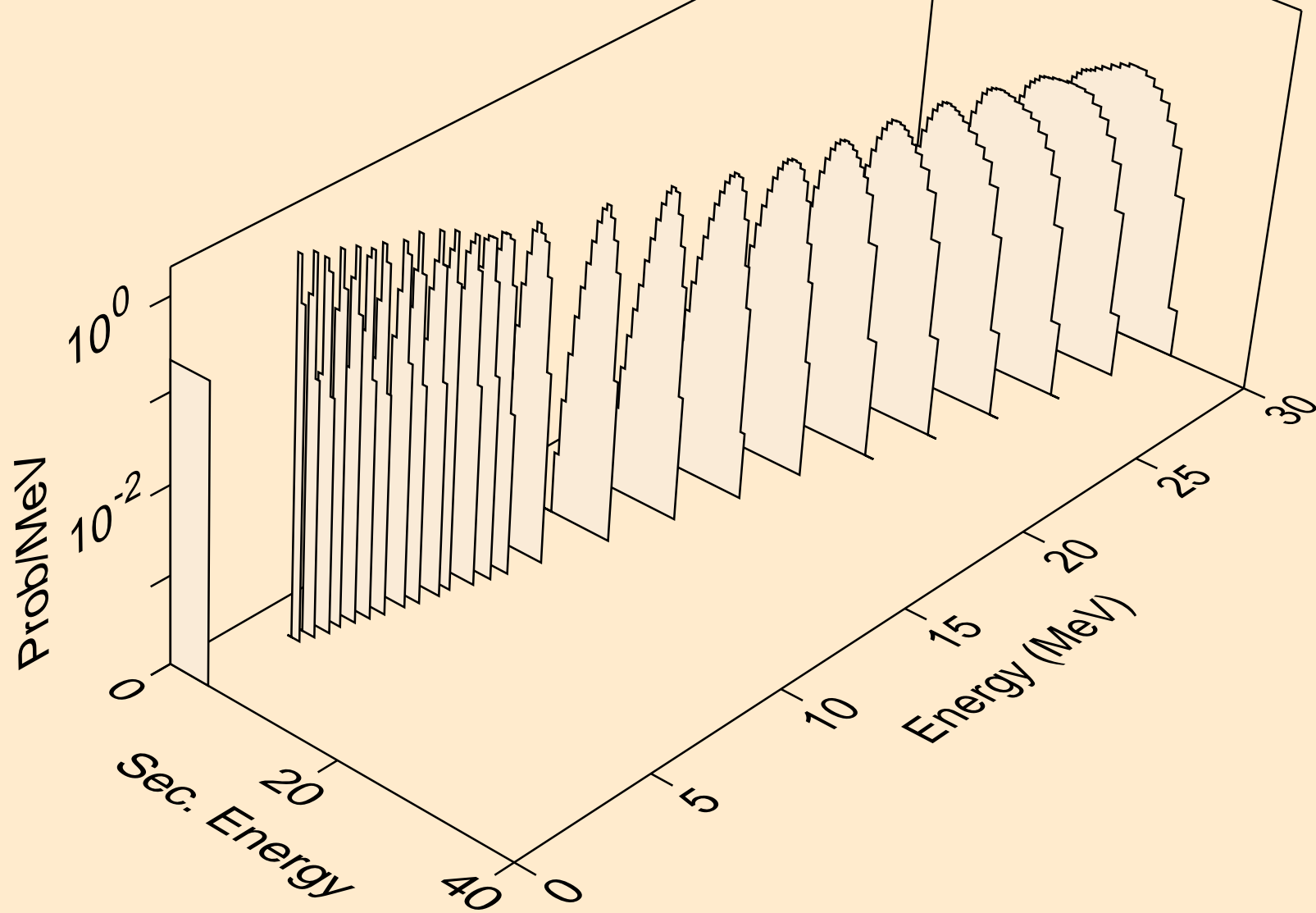
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he3s from (n,he3)



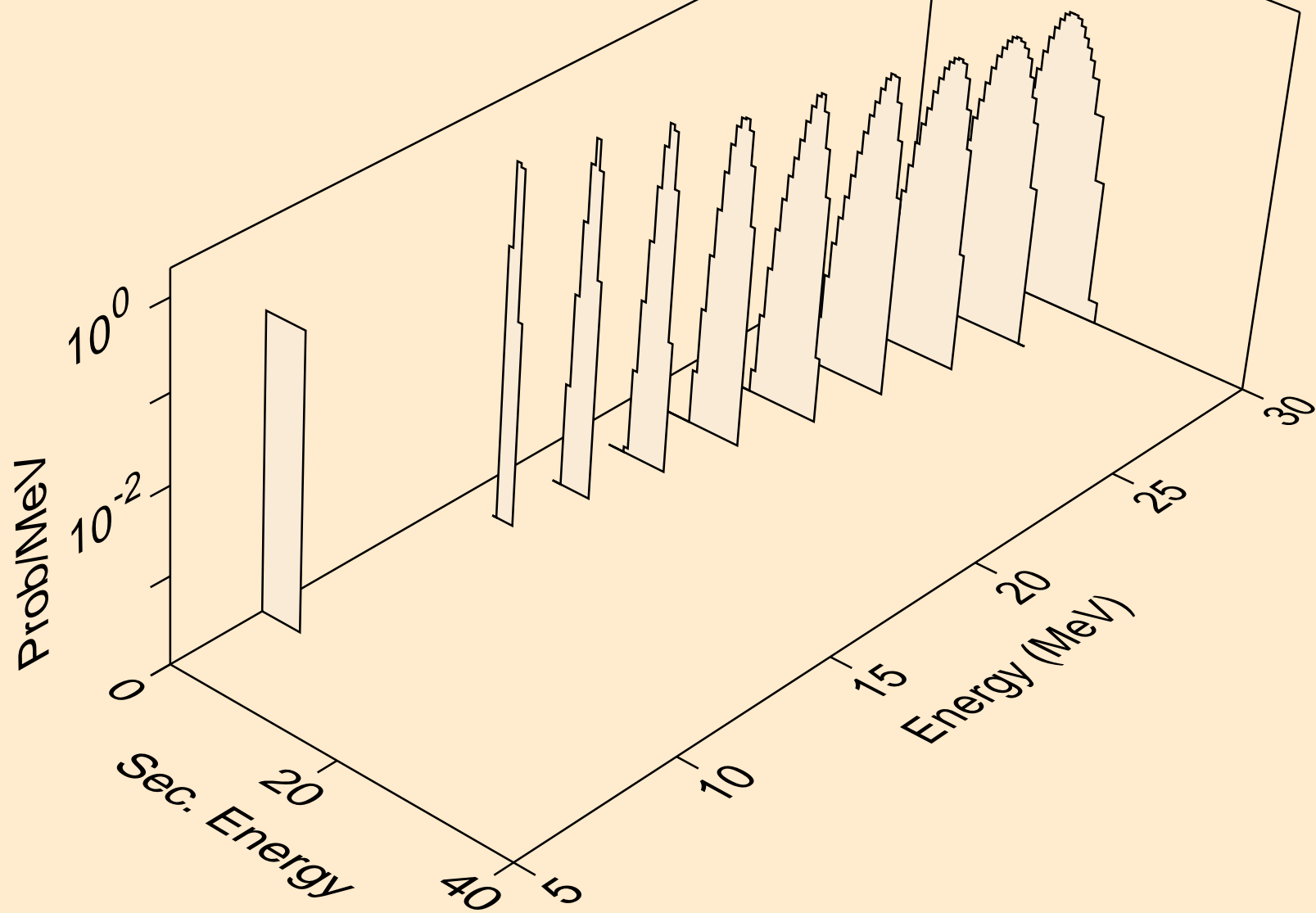
HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a

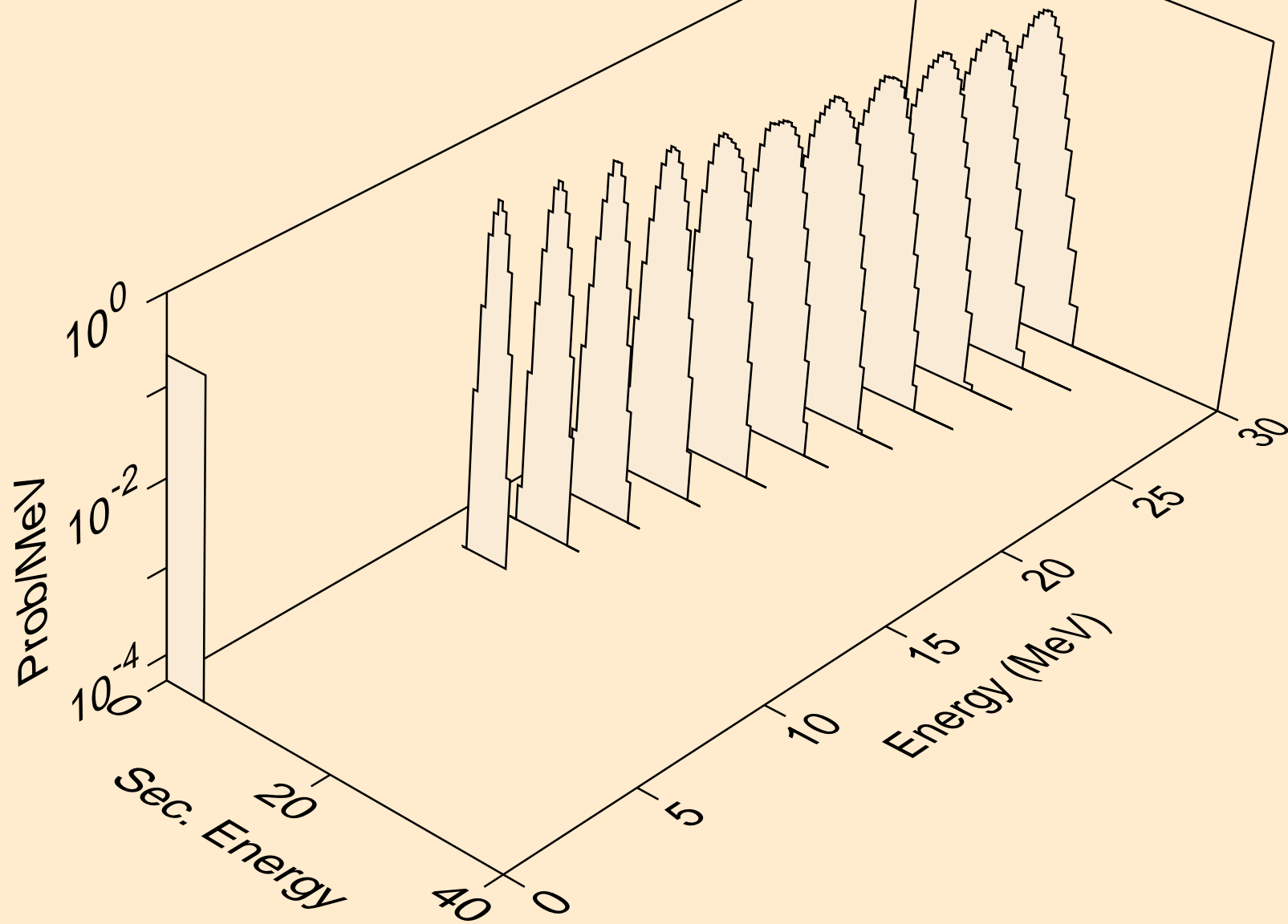


HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a

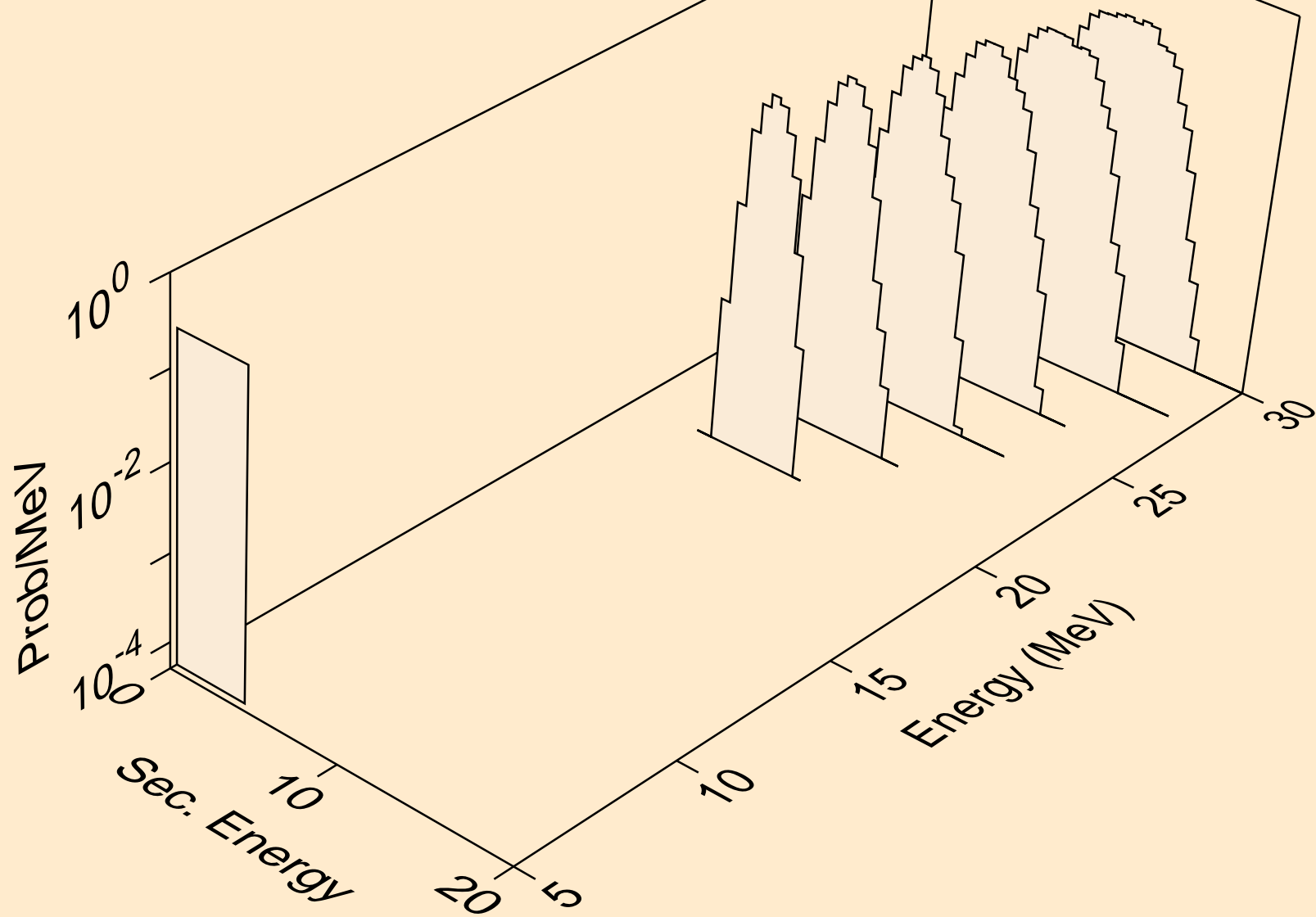




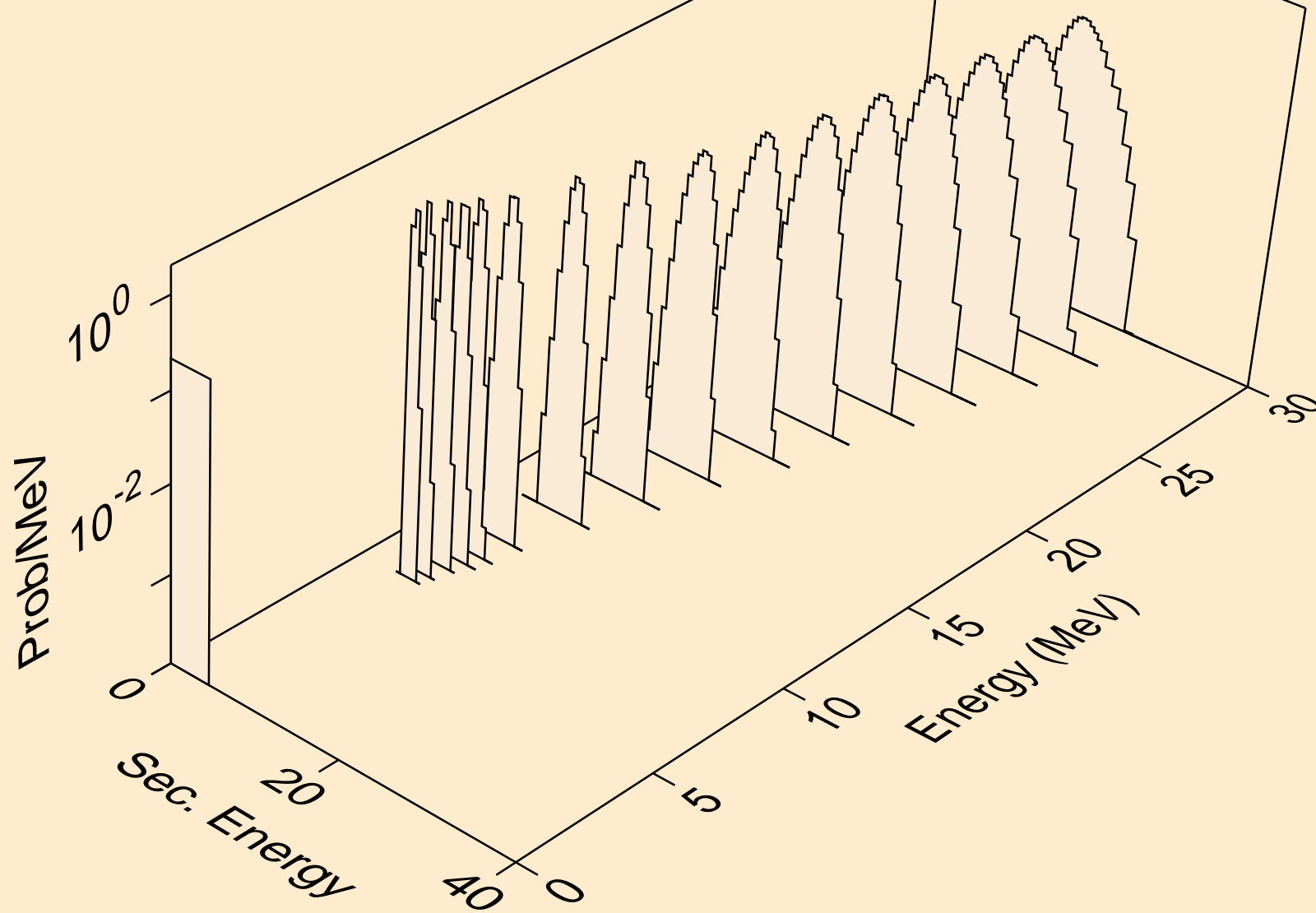
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alphas from (n,n\*)2a



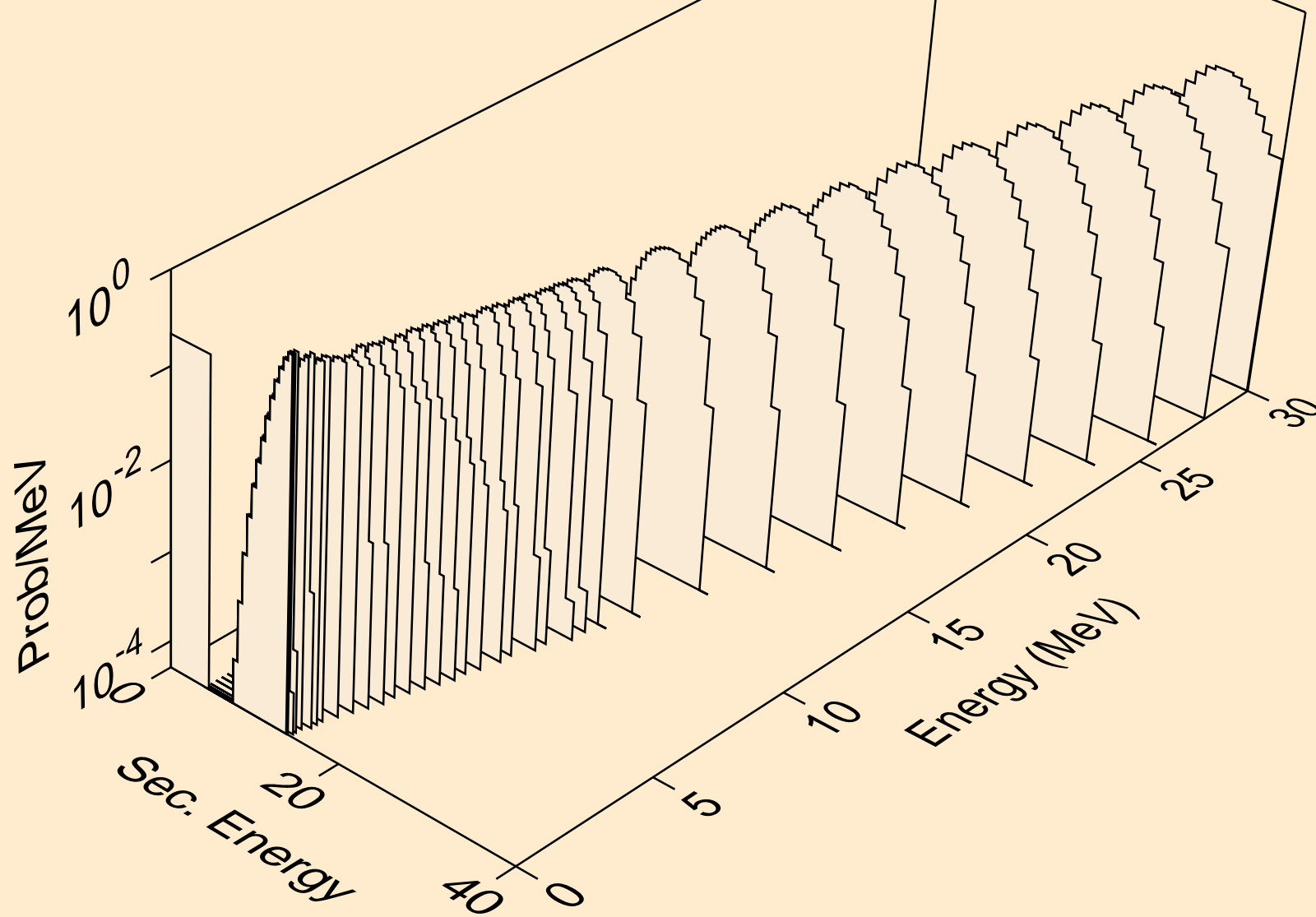
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alphas from (n,2n)2a



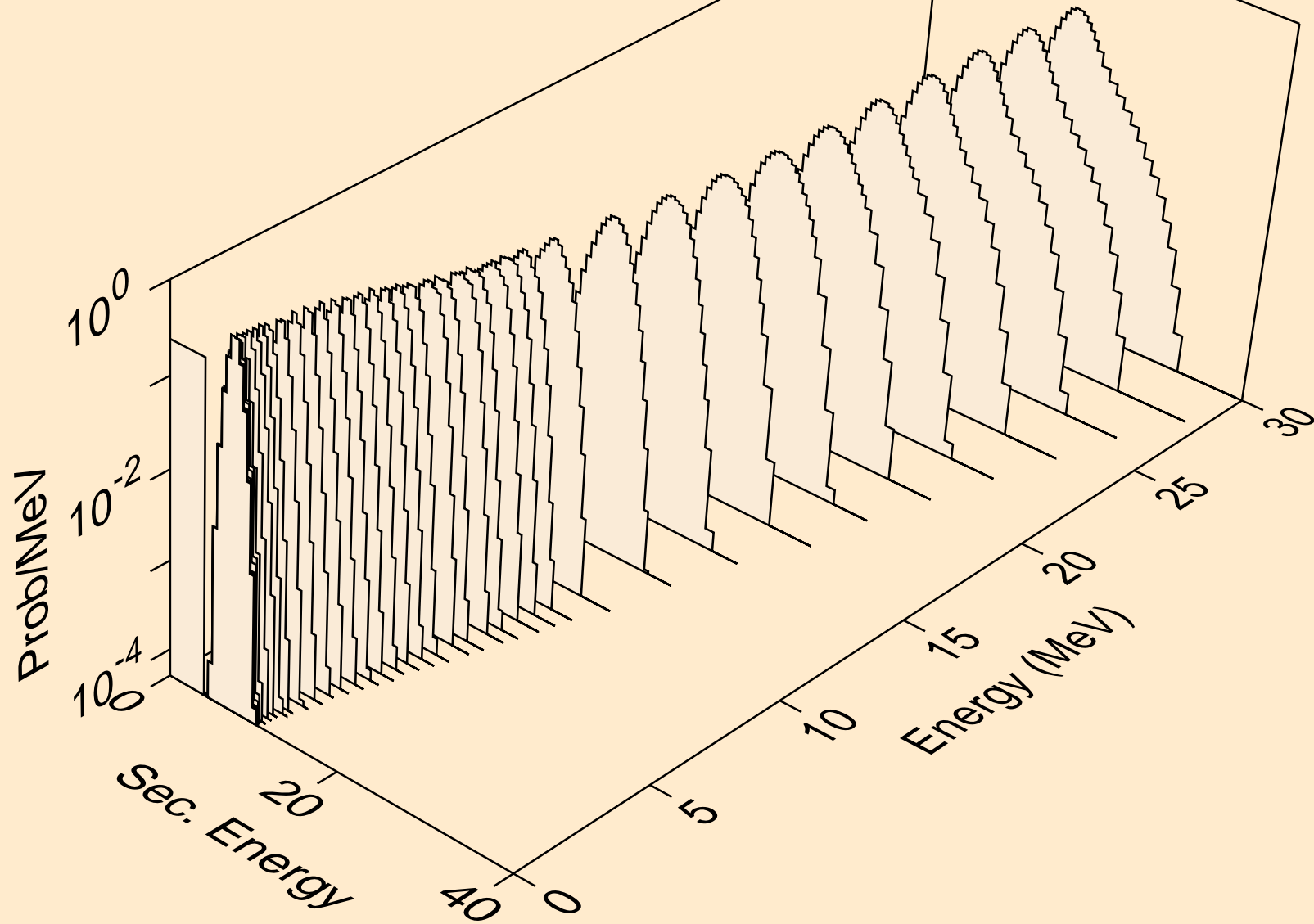
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alphas from (n,npa)



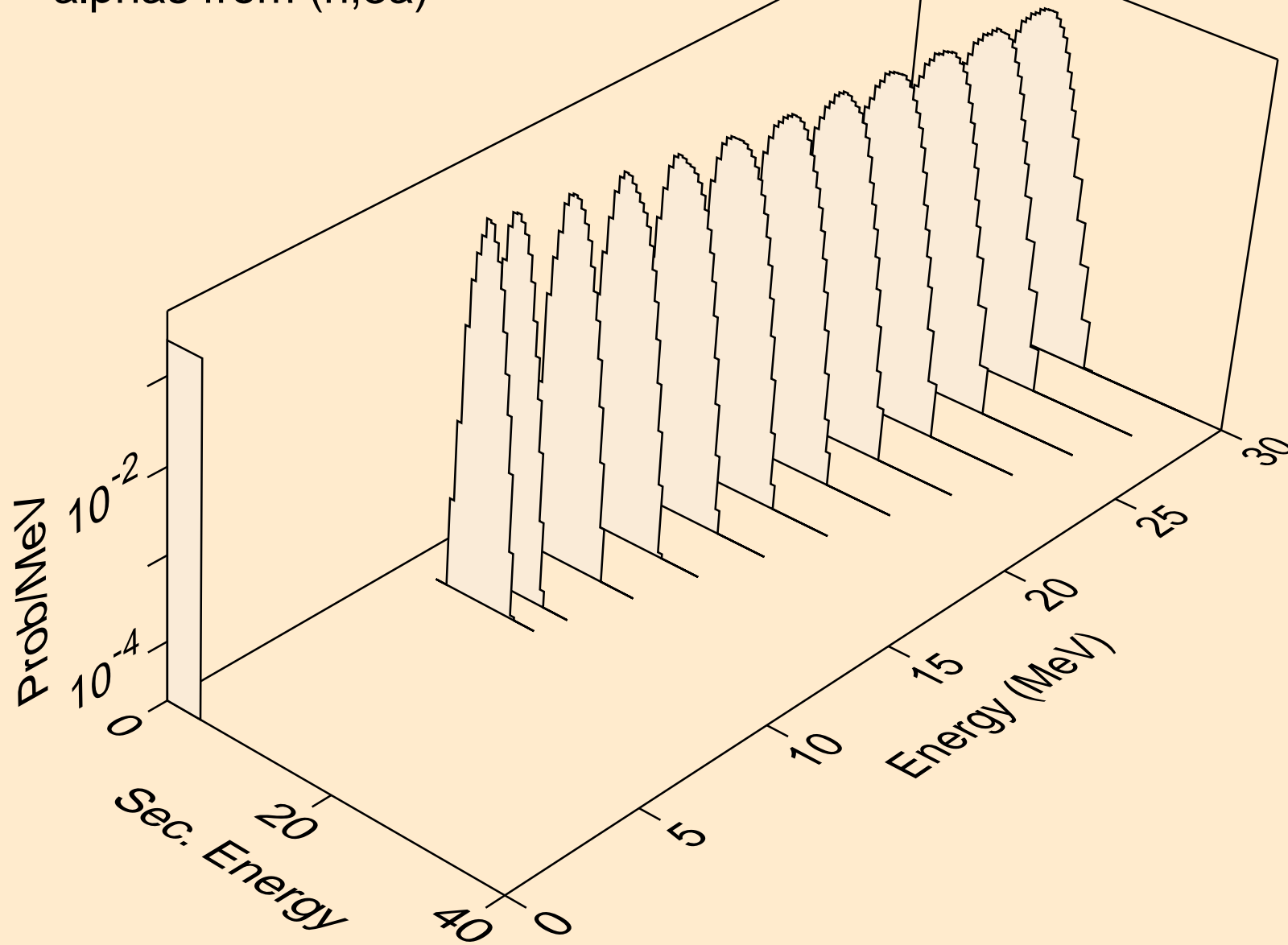
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alphas from (n,a)



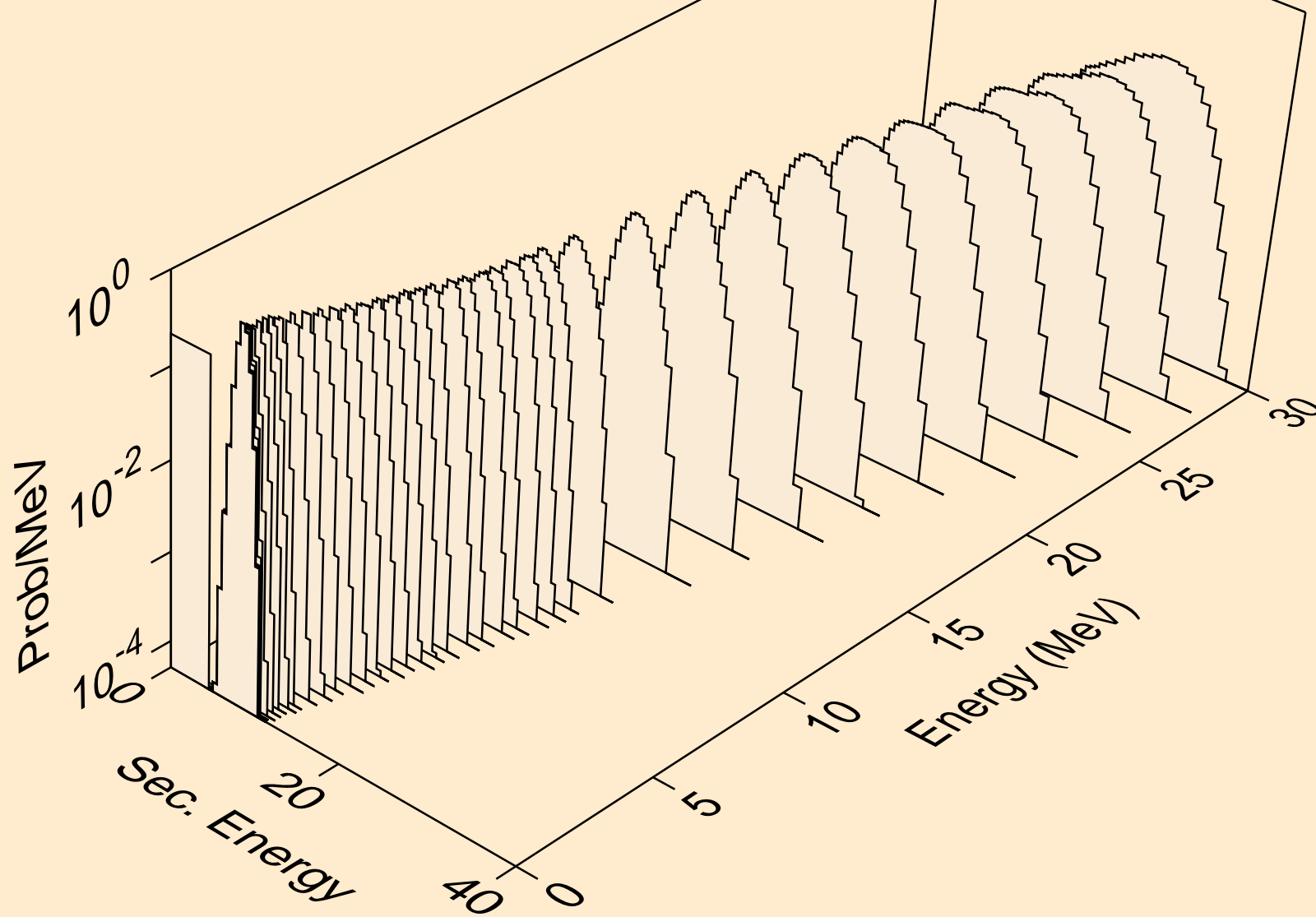
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alphas from (n,2a)



HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3a)



HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



HO148M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

