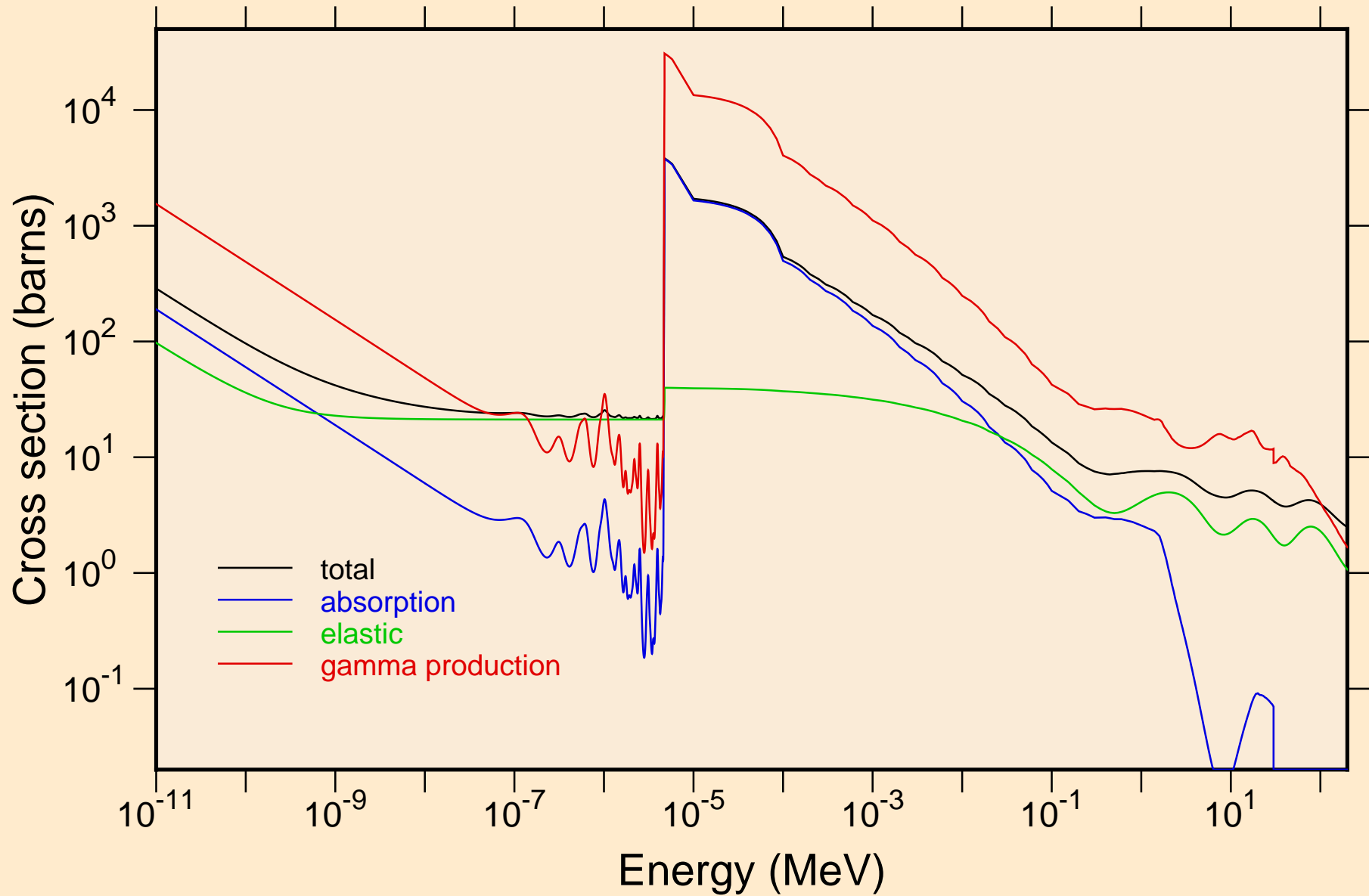
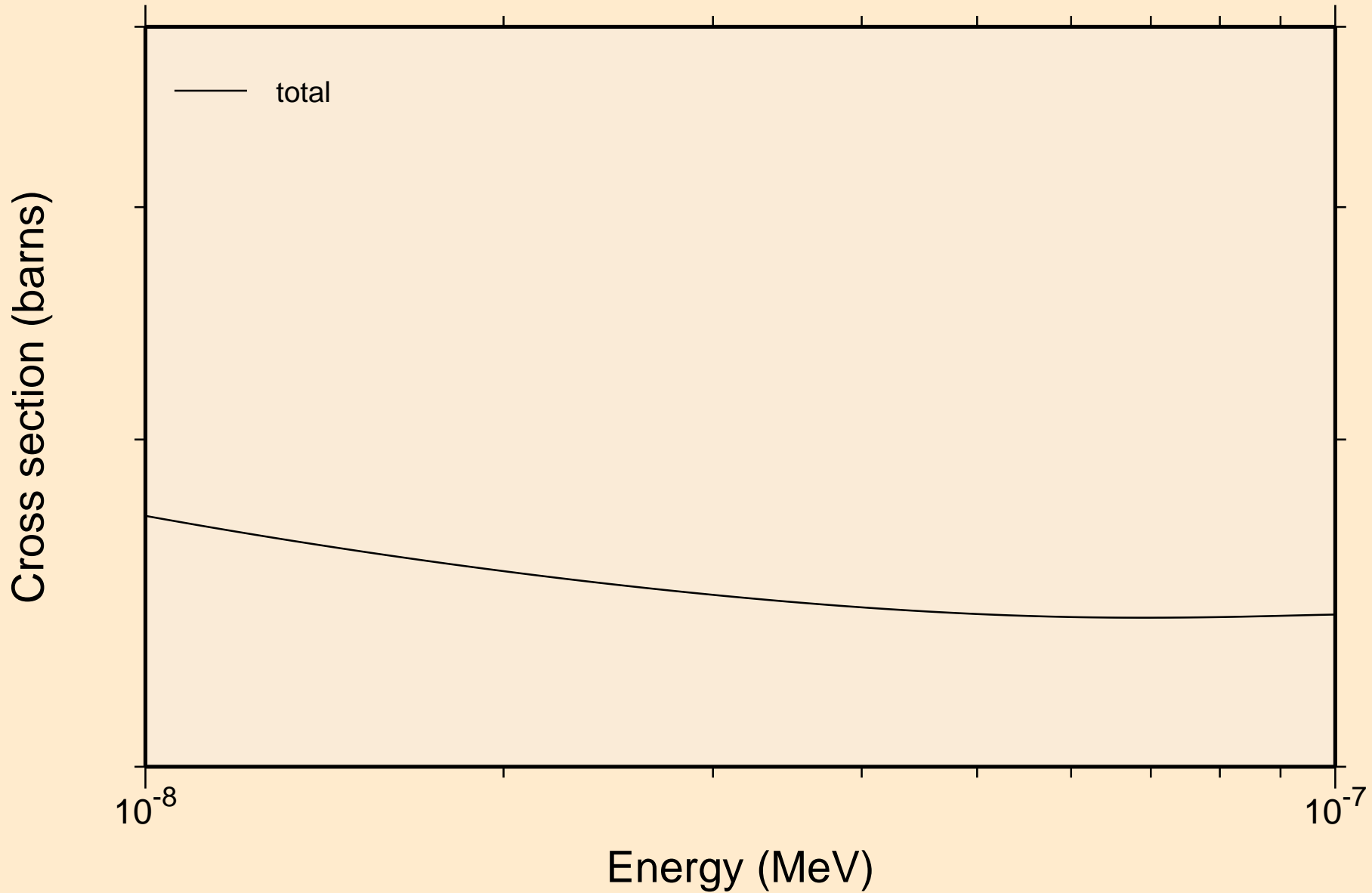


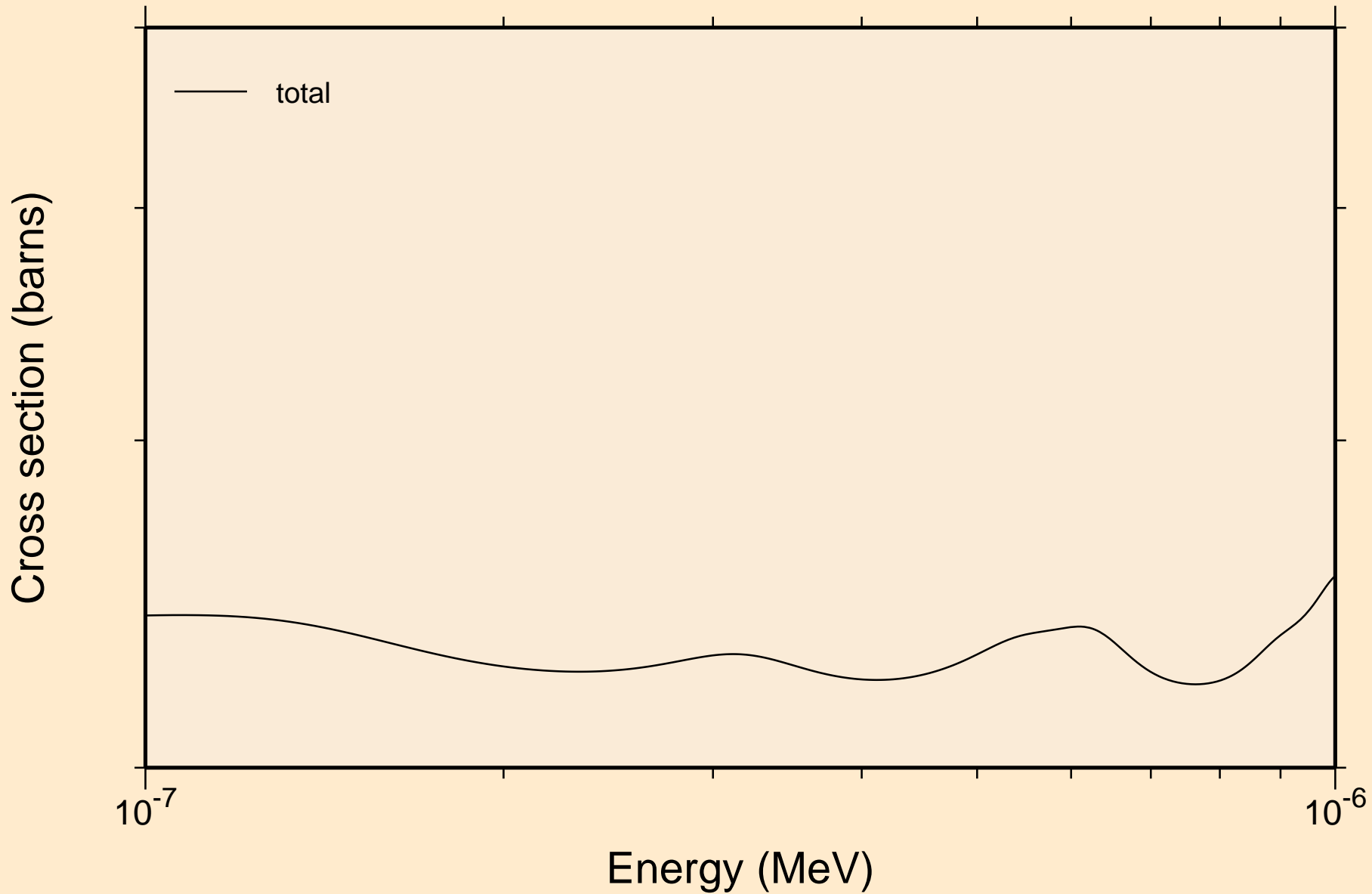
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



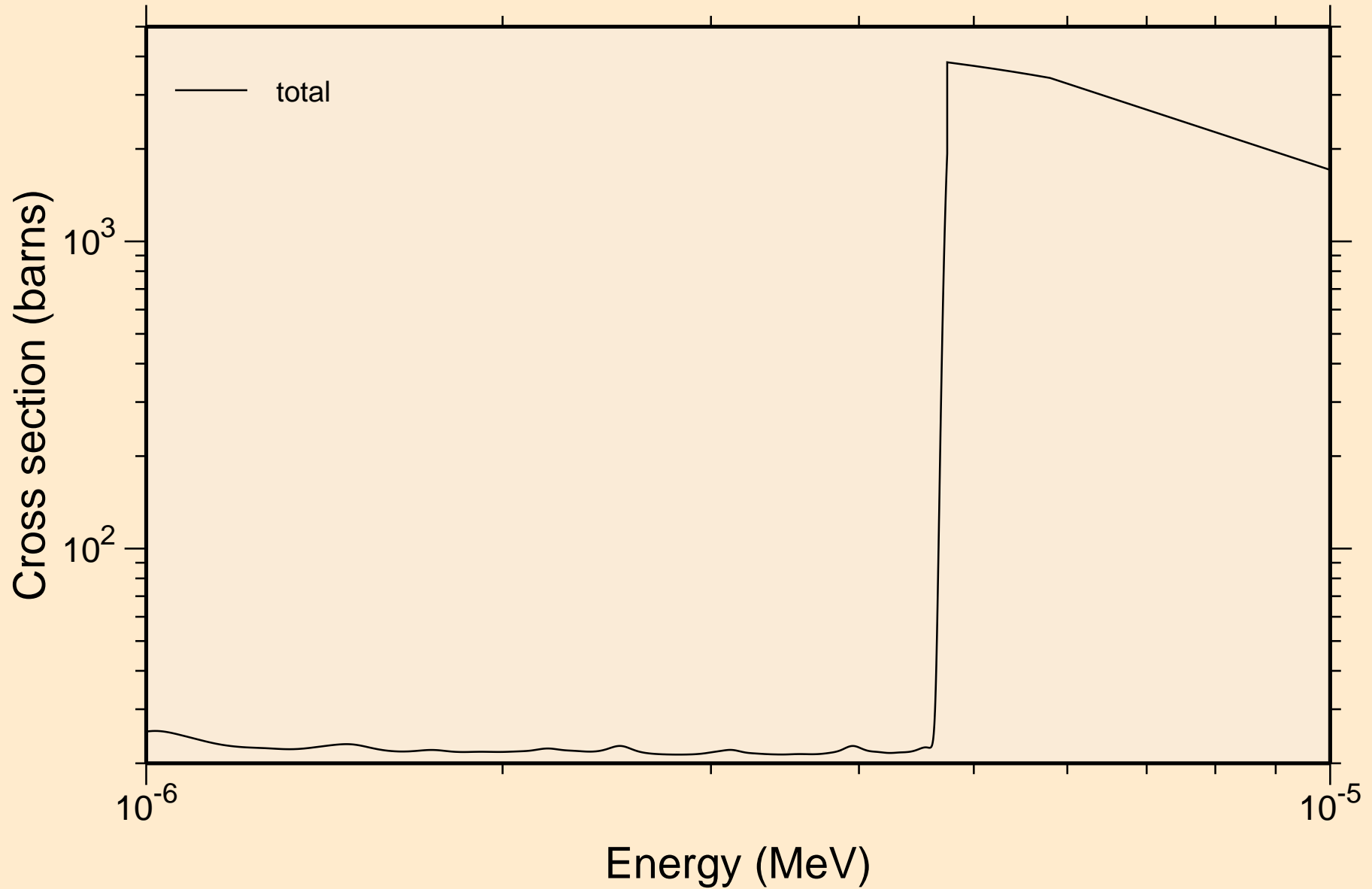
H<sup>160</sup>N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



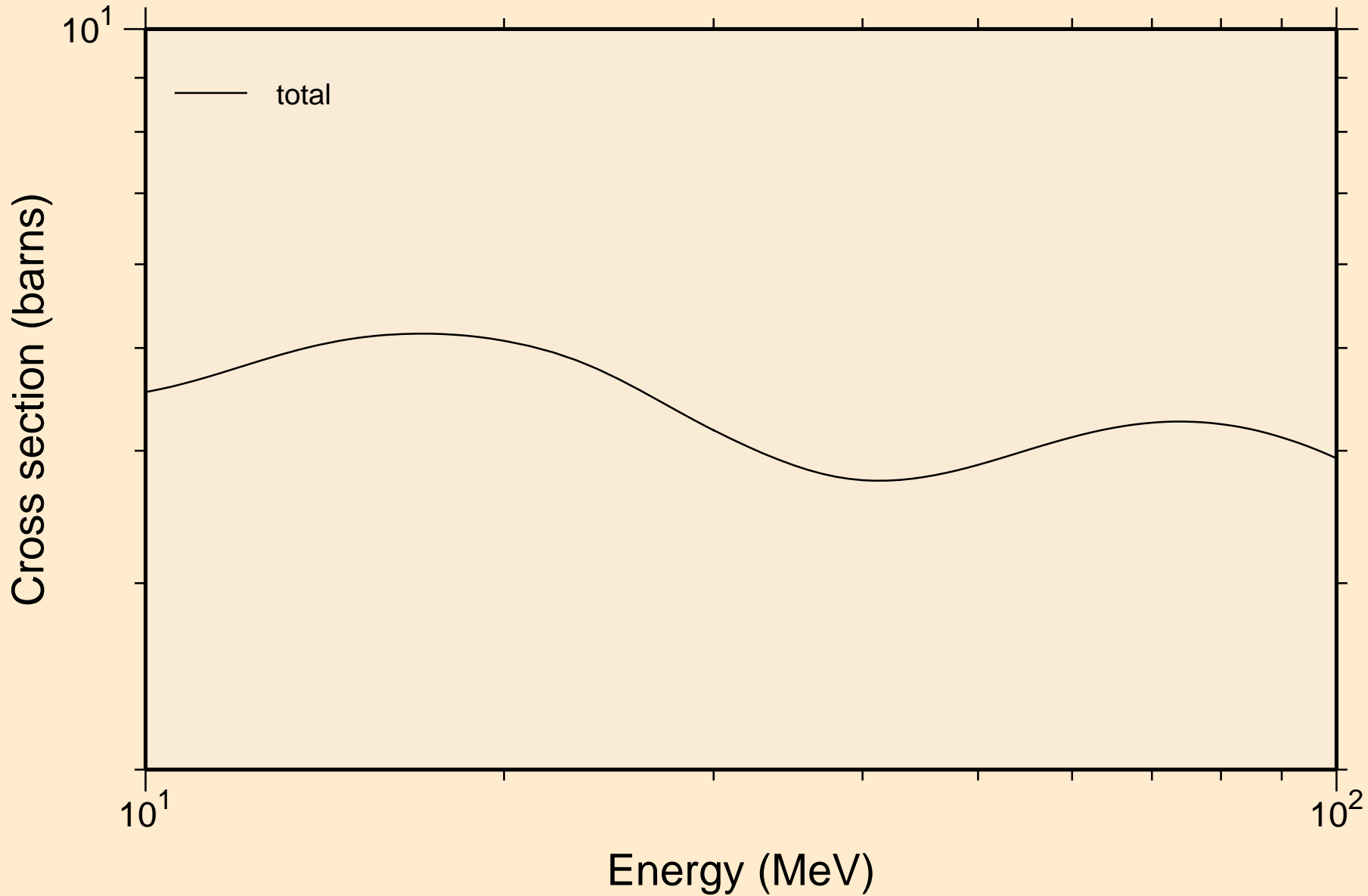
H<sup>160</sup>N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



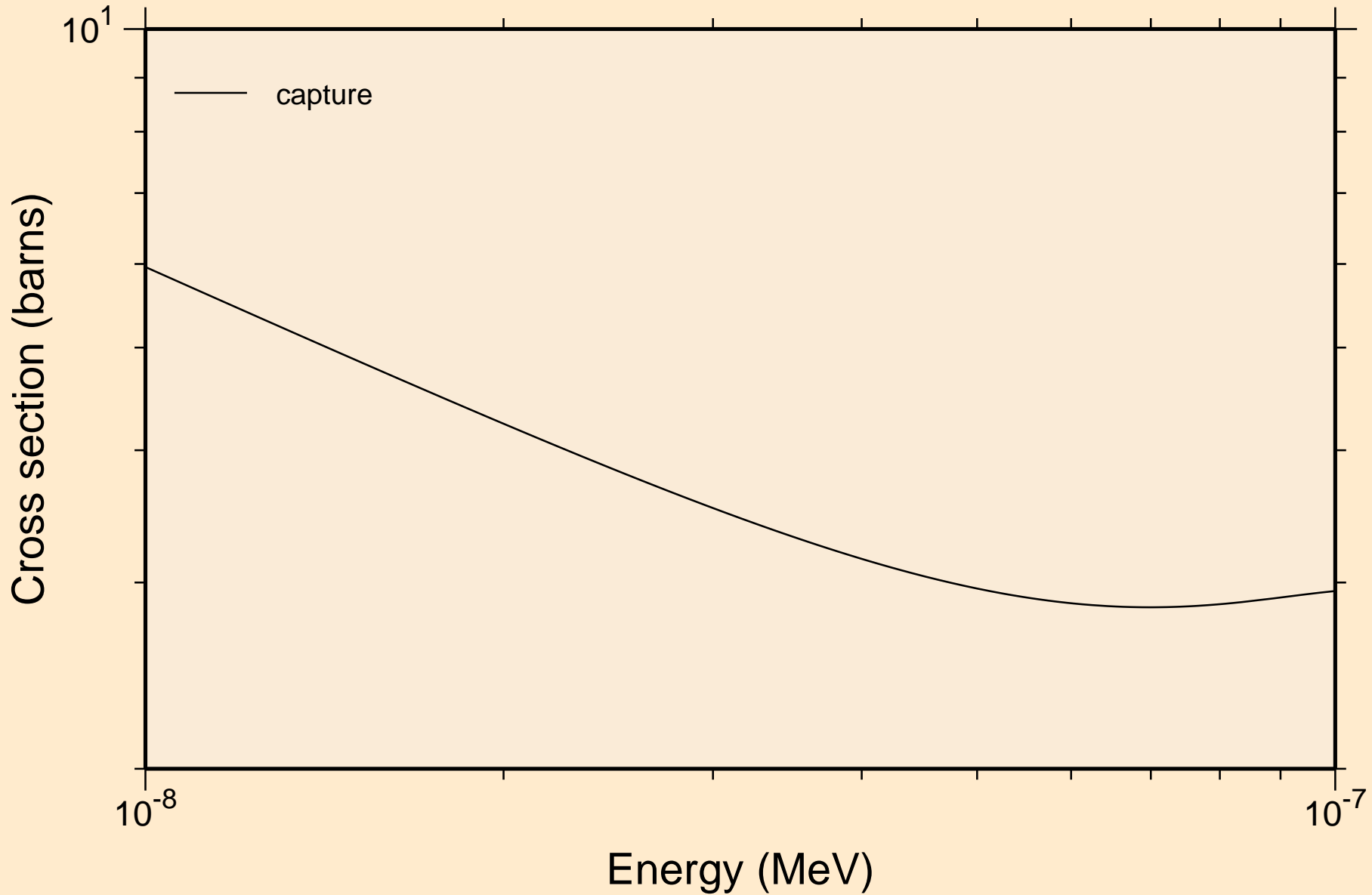
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



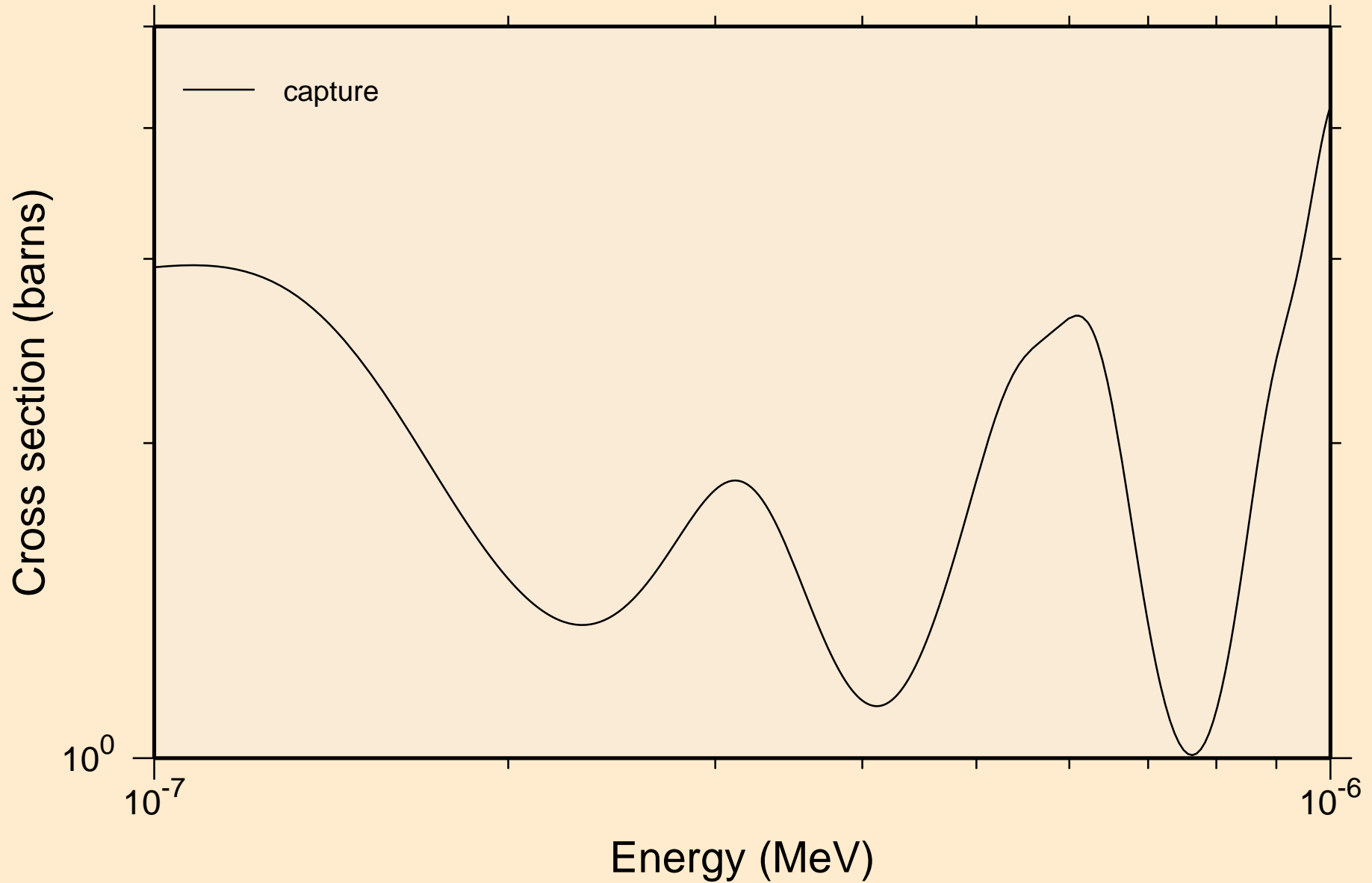
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



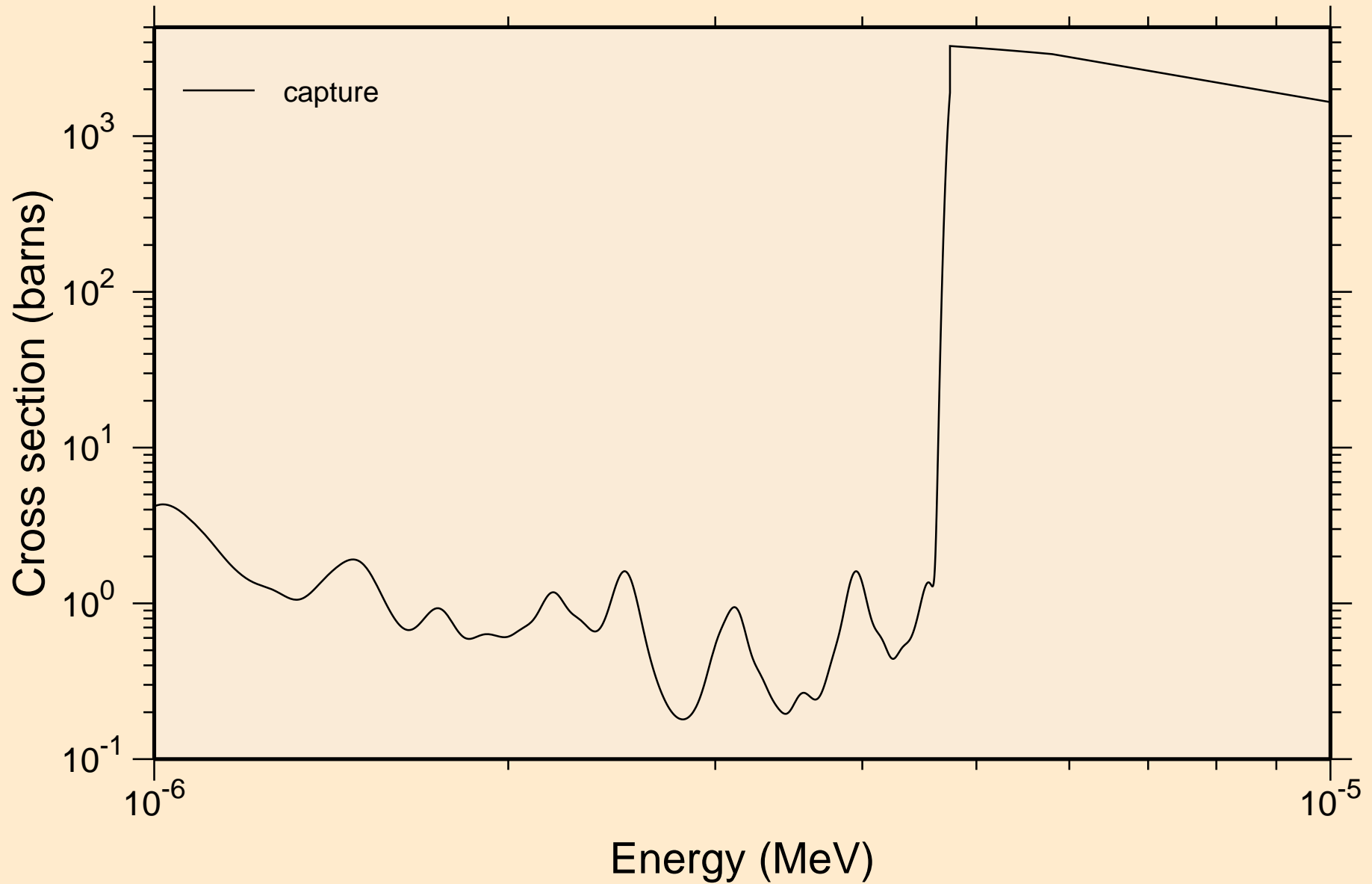
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

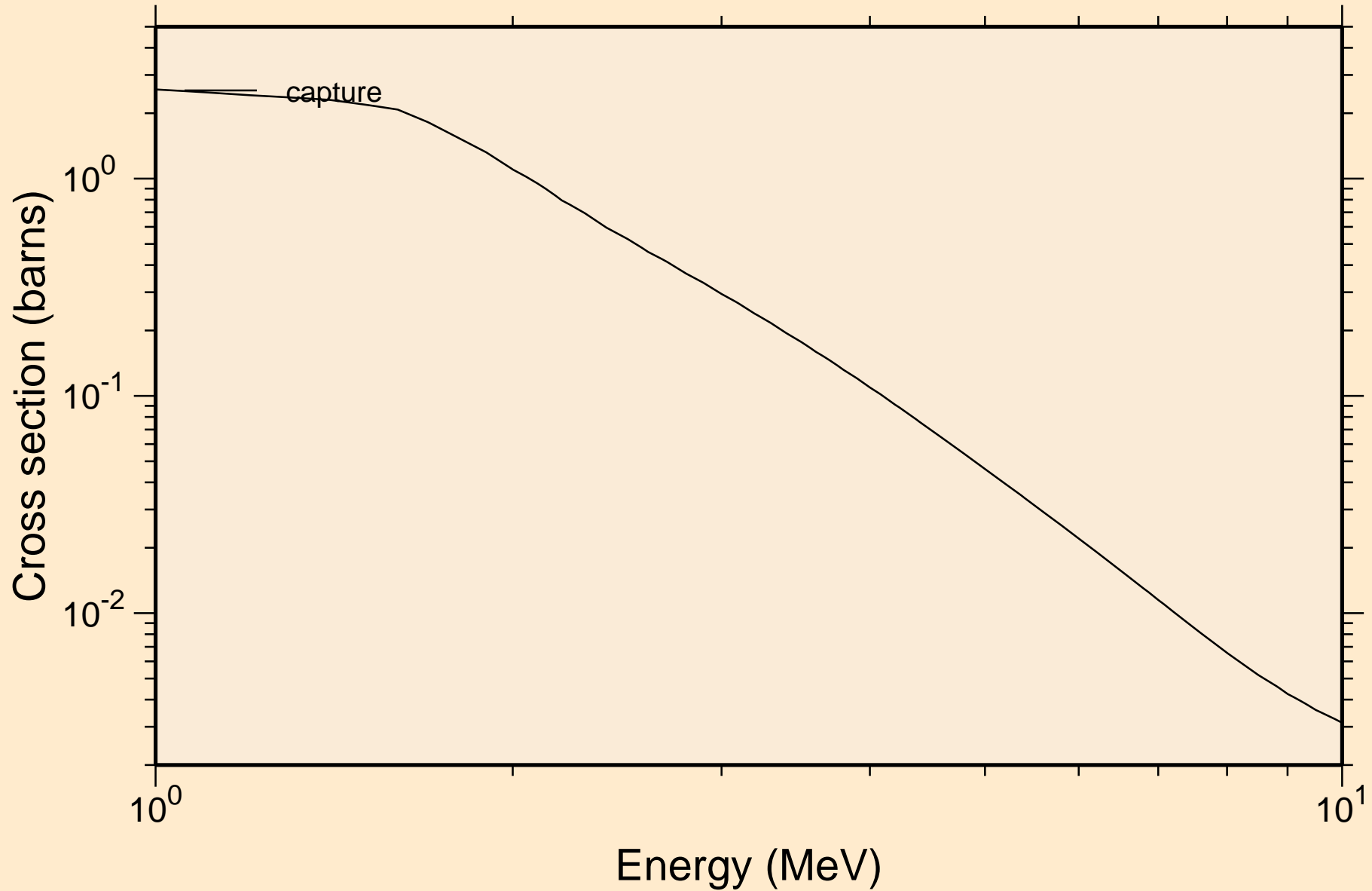


HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

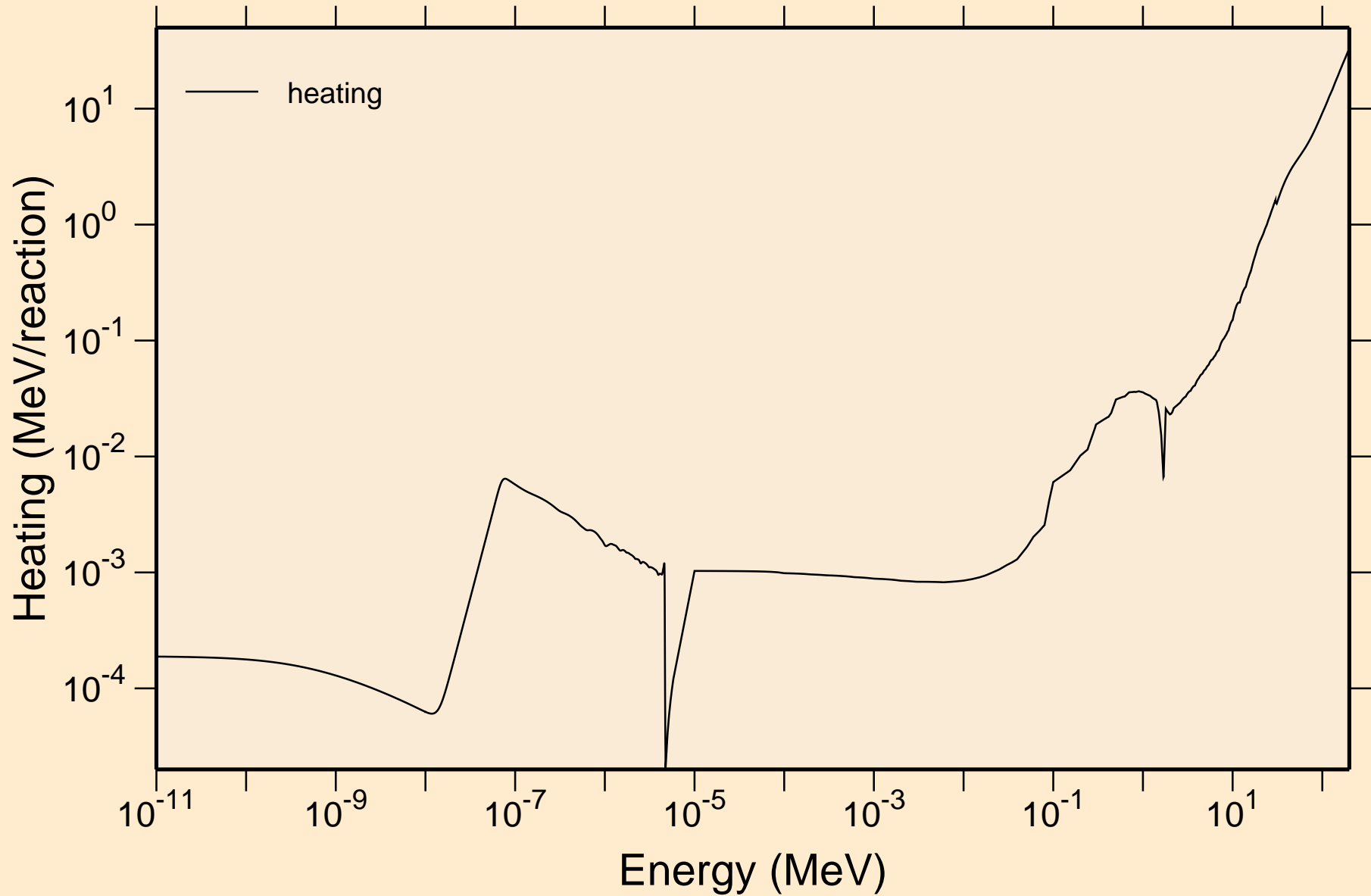




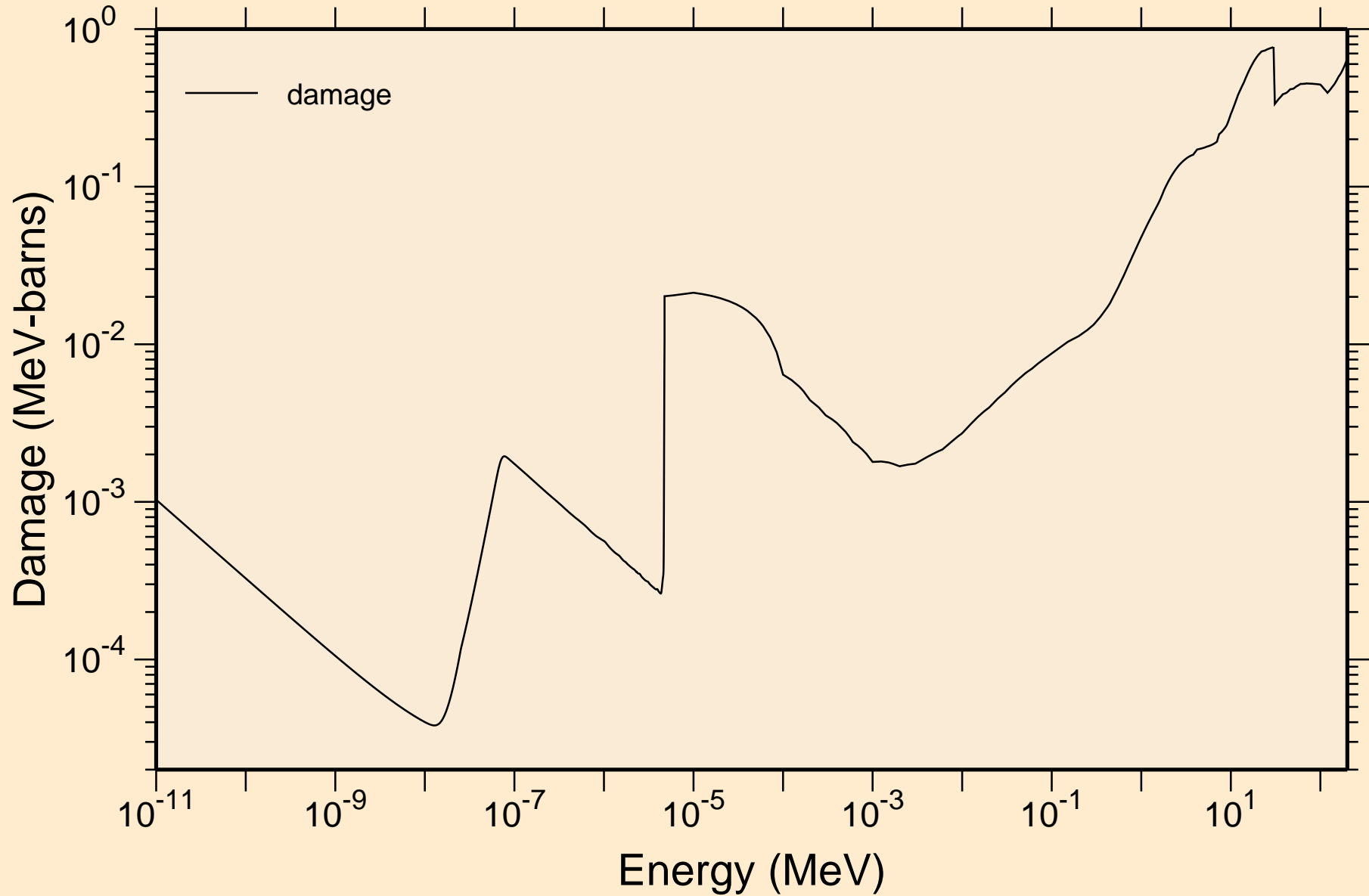
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

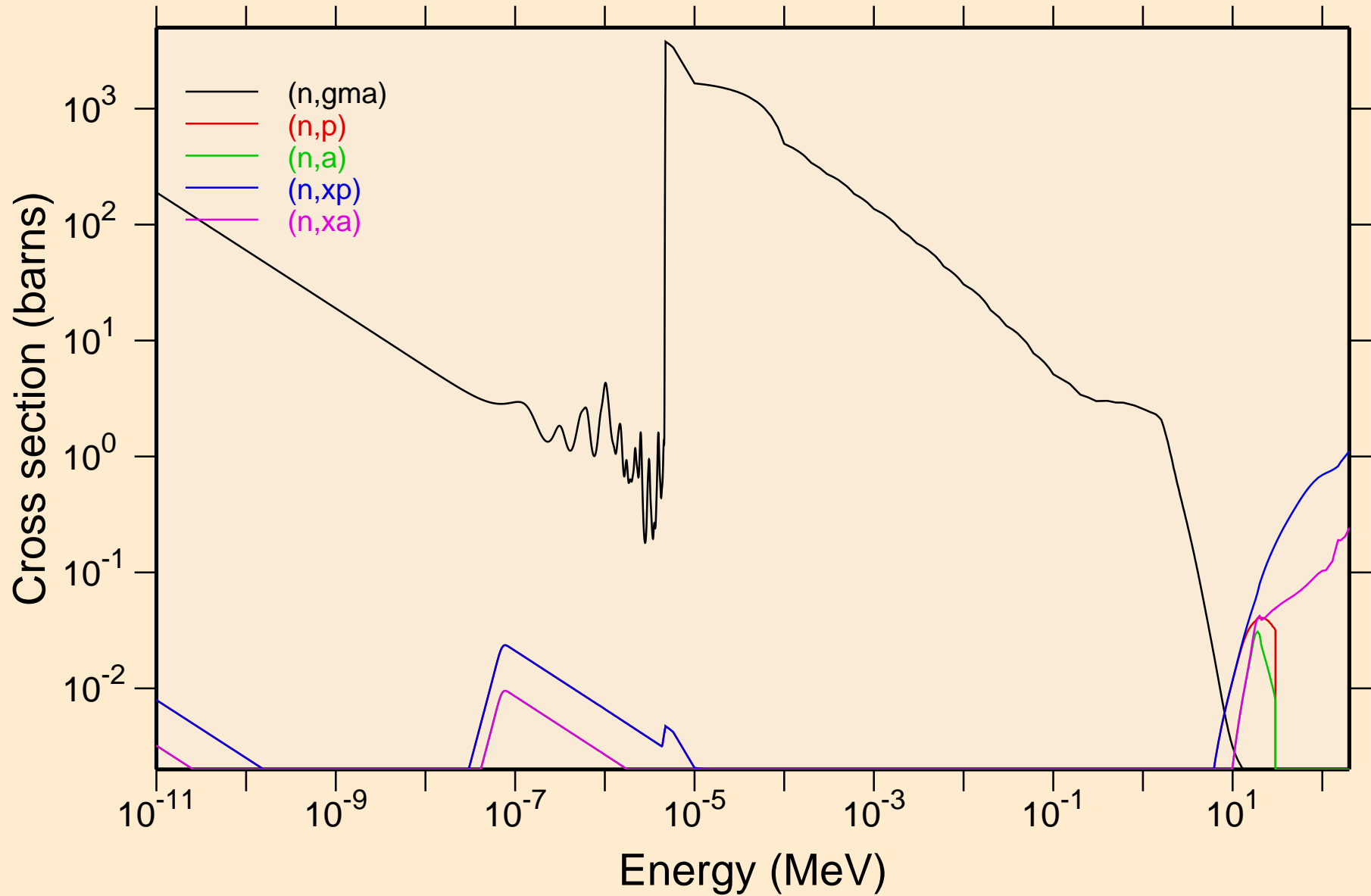


# HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K Damage



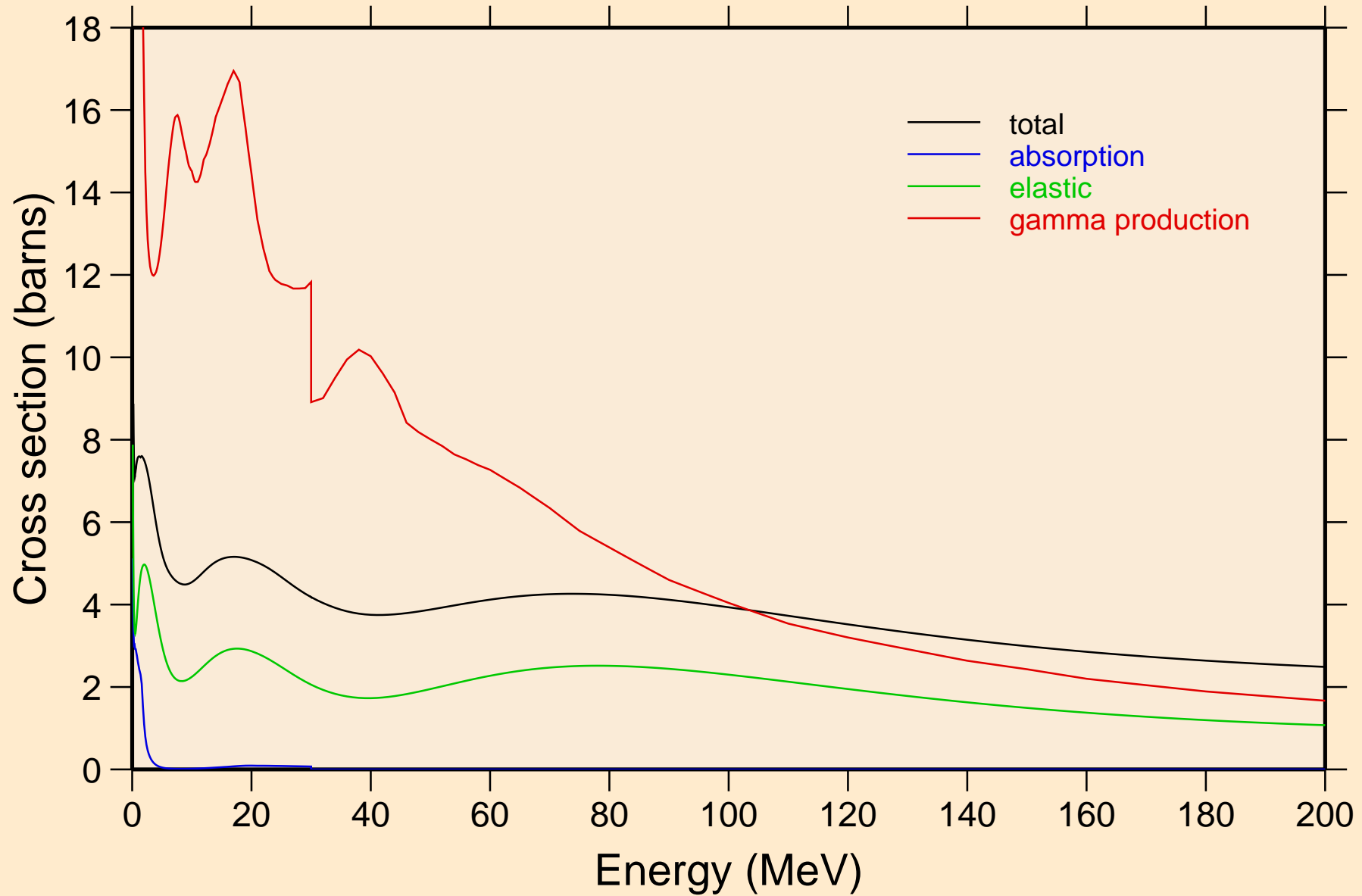
# HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Non-threshold reactions

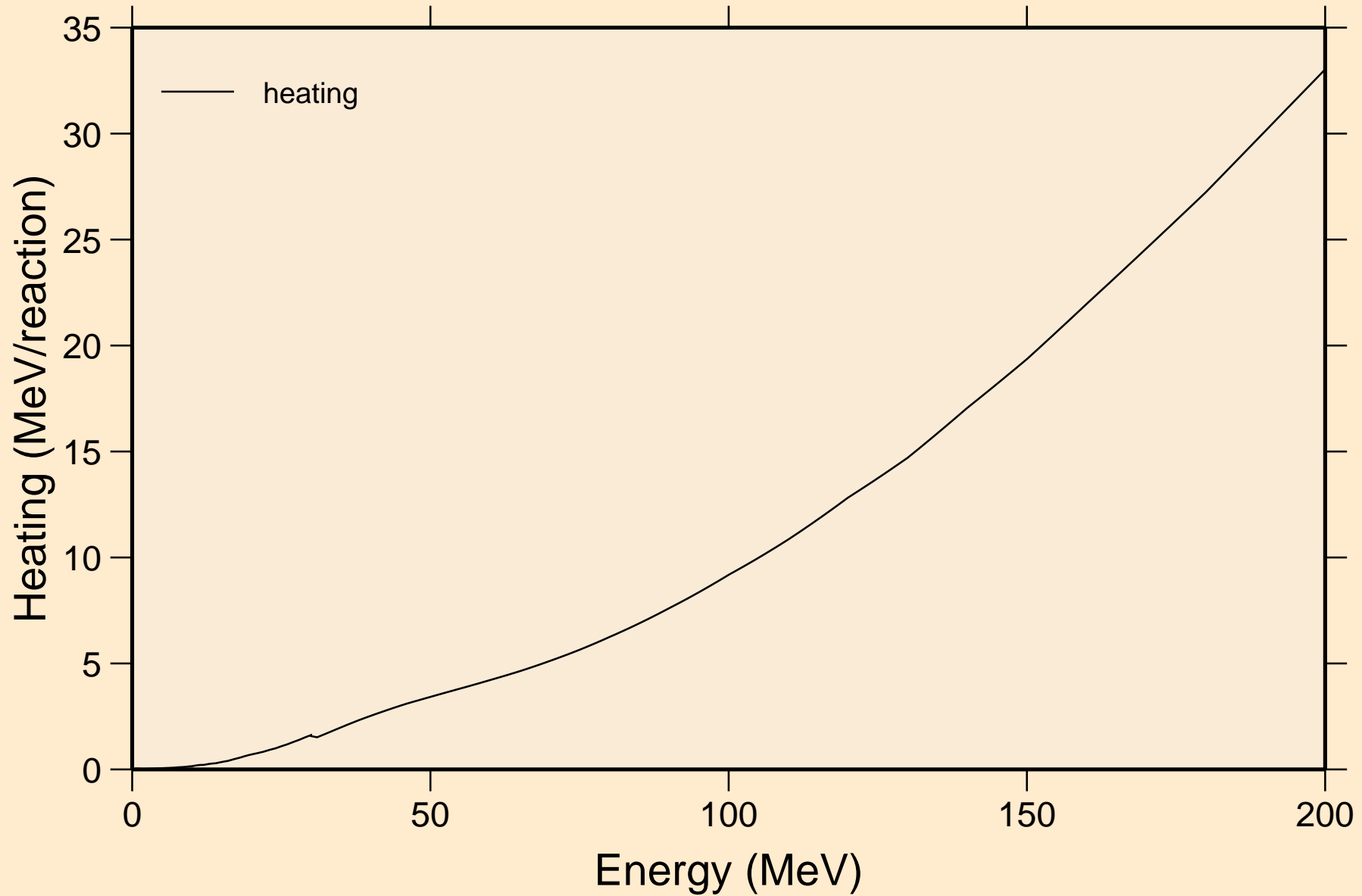


# HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

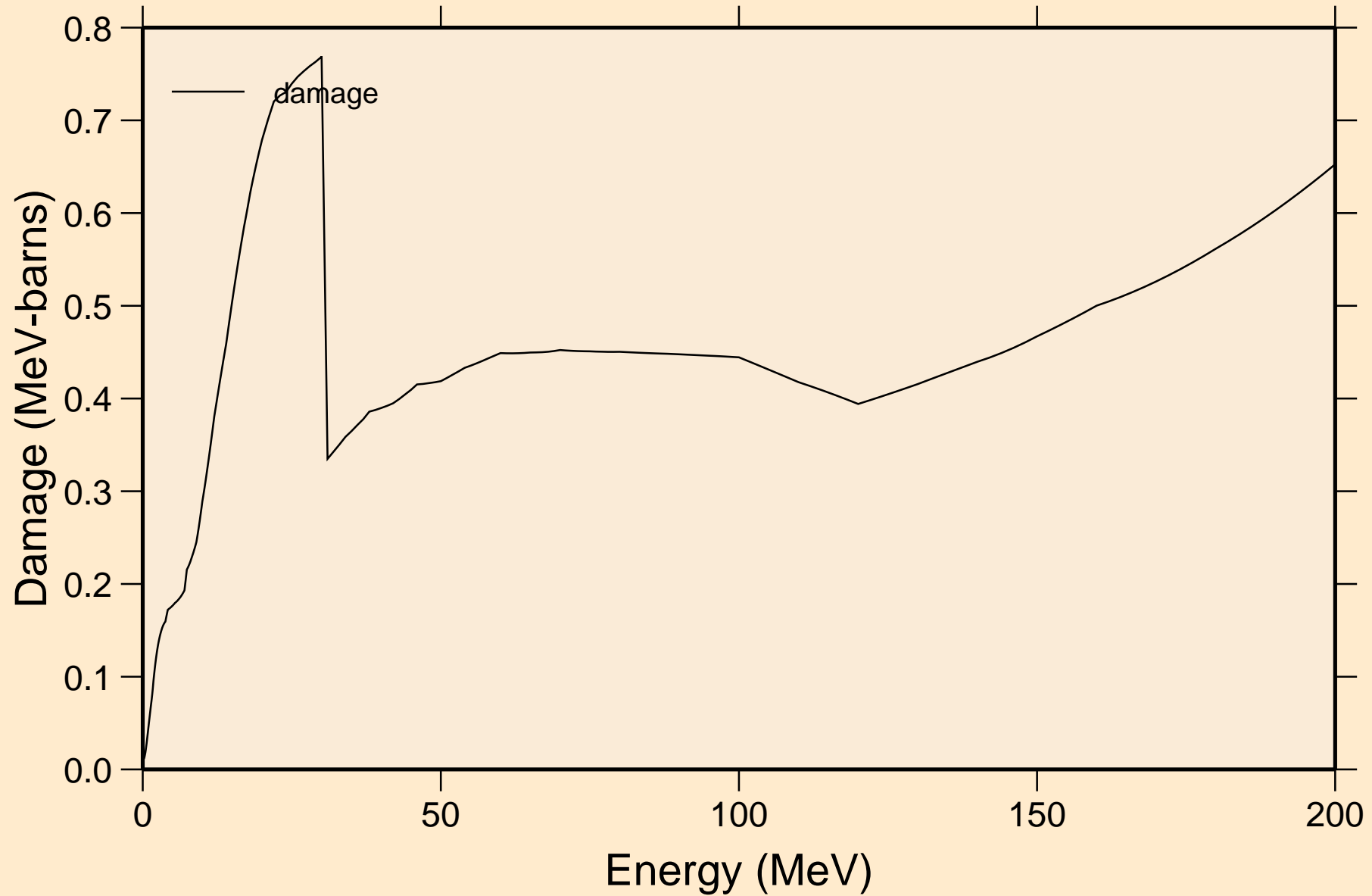
## Principal cross sections



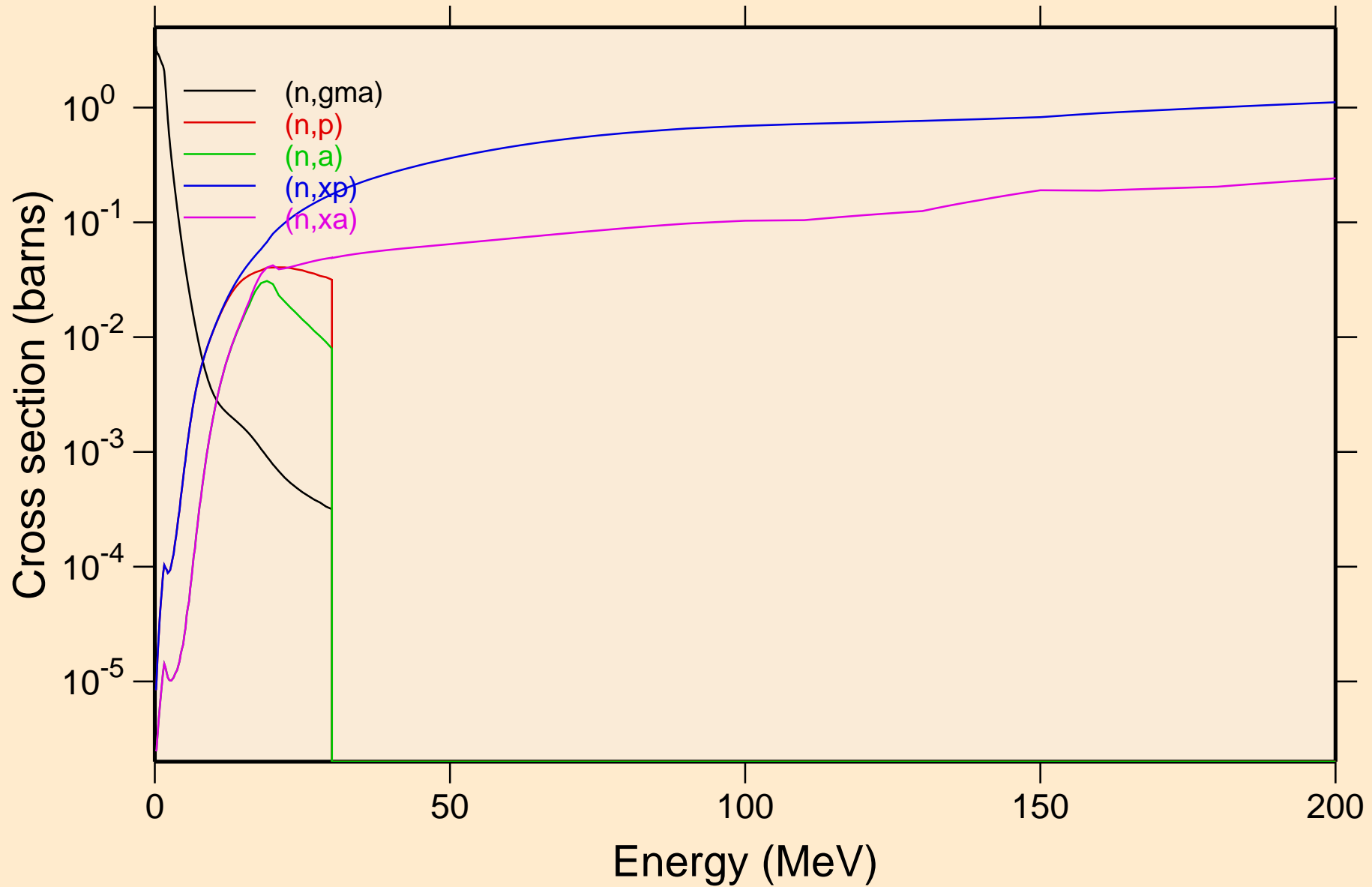
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

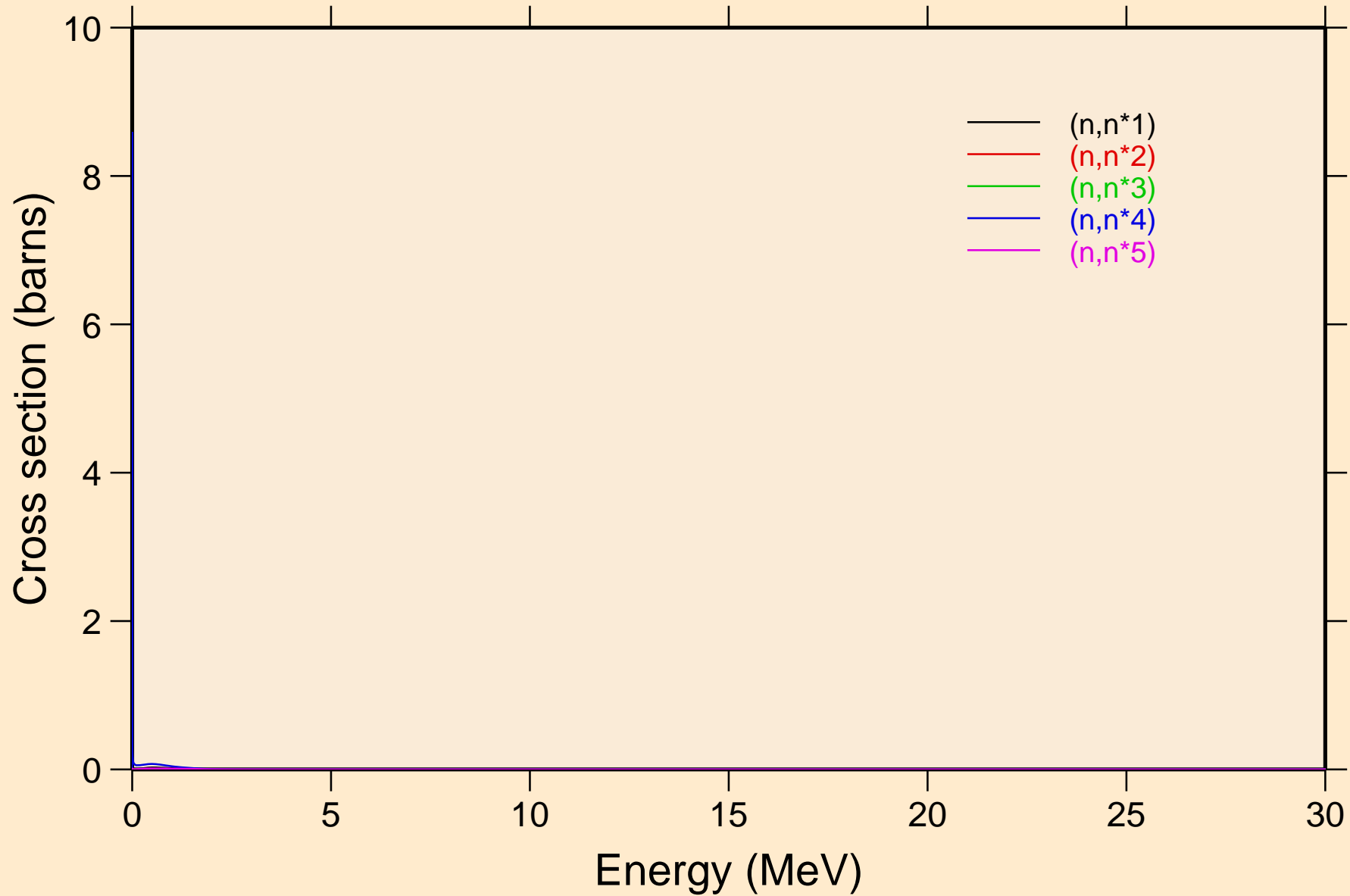


HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

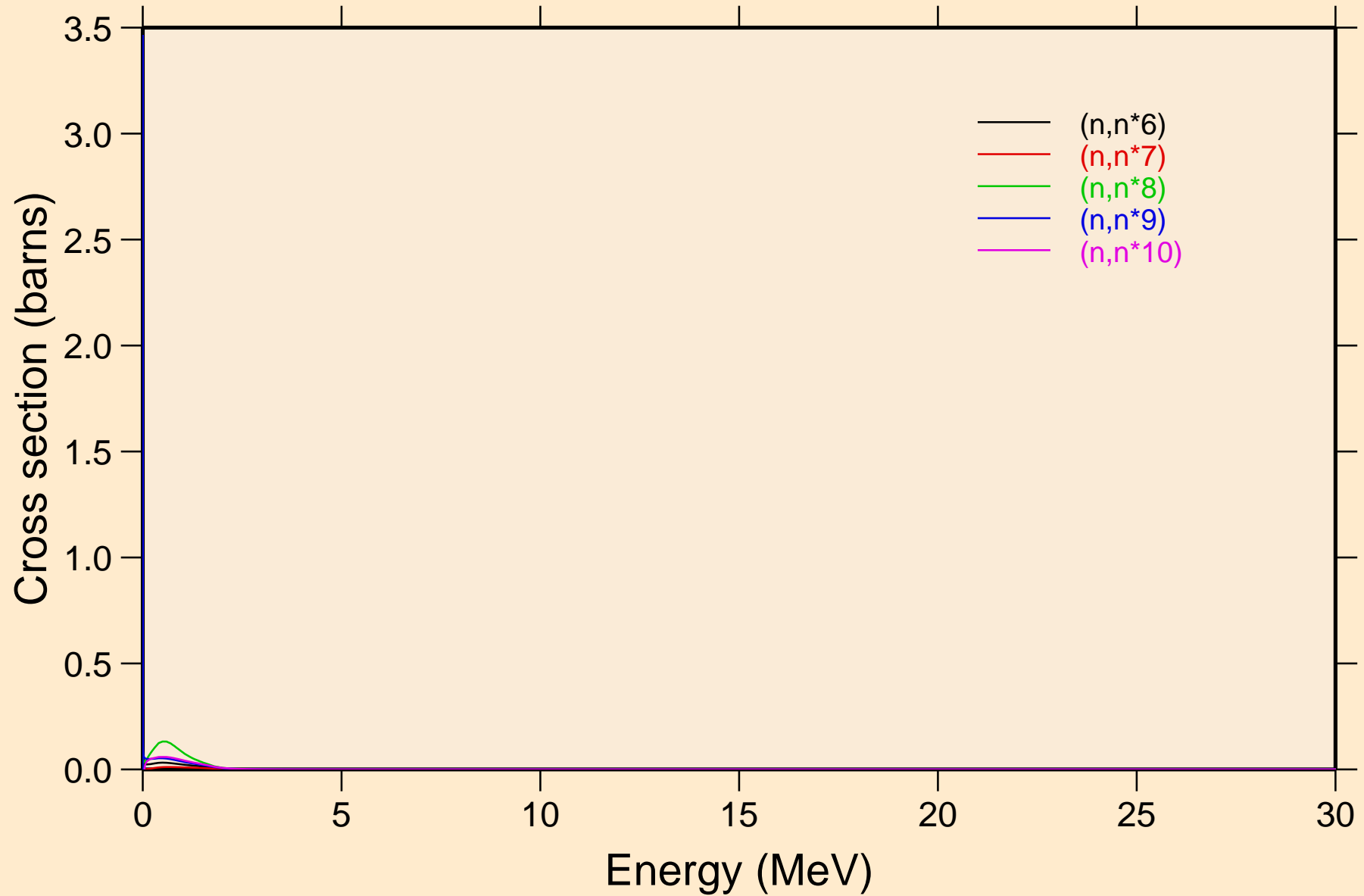




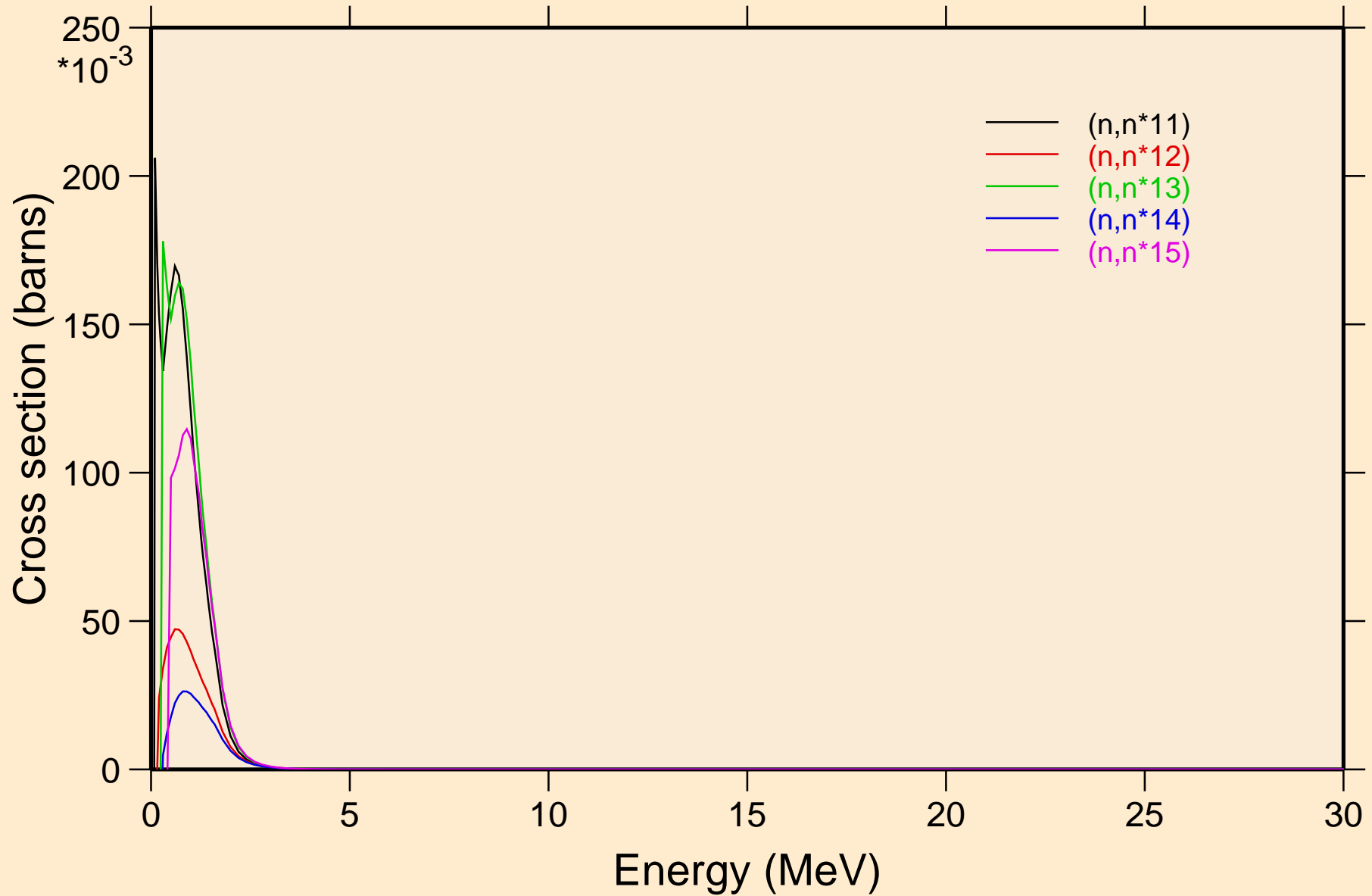
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



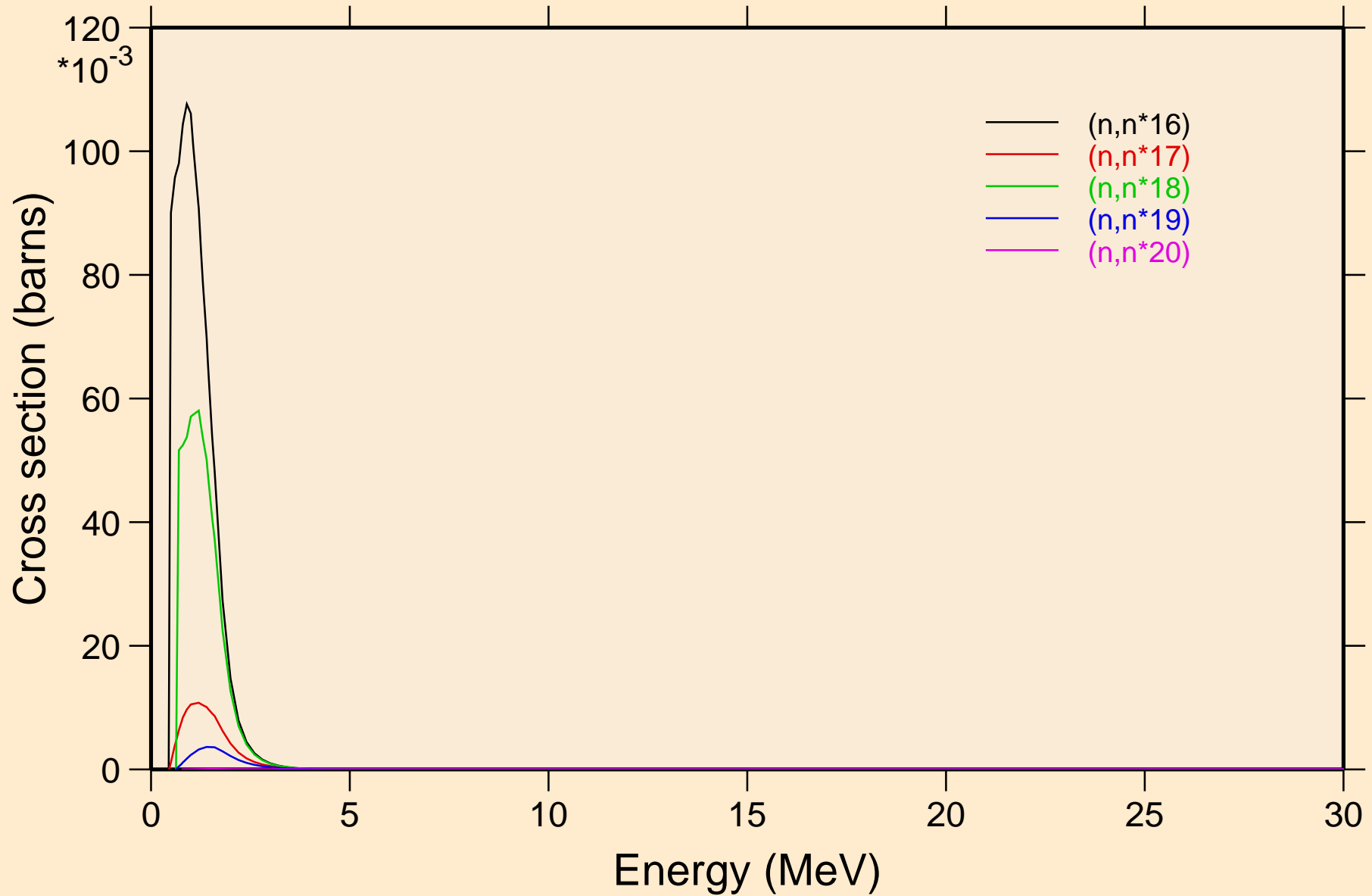
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



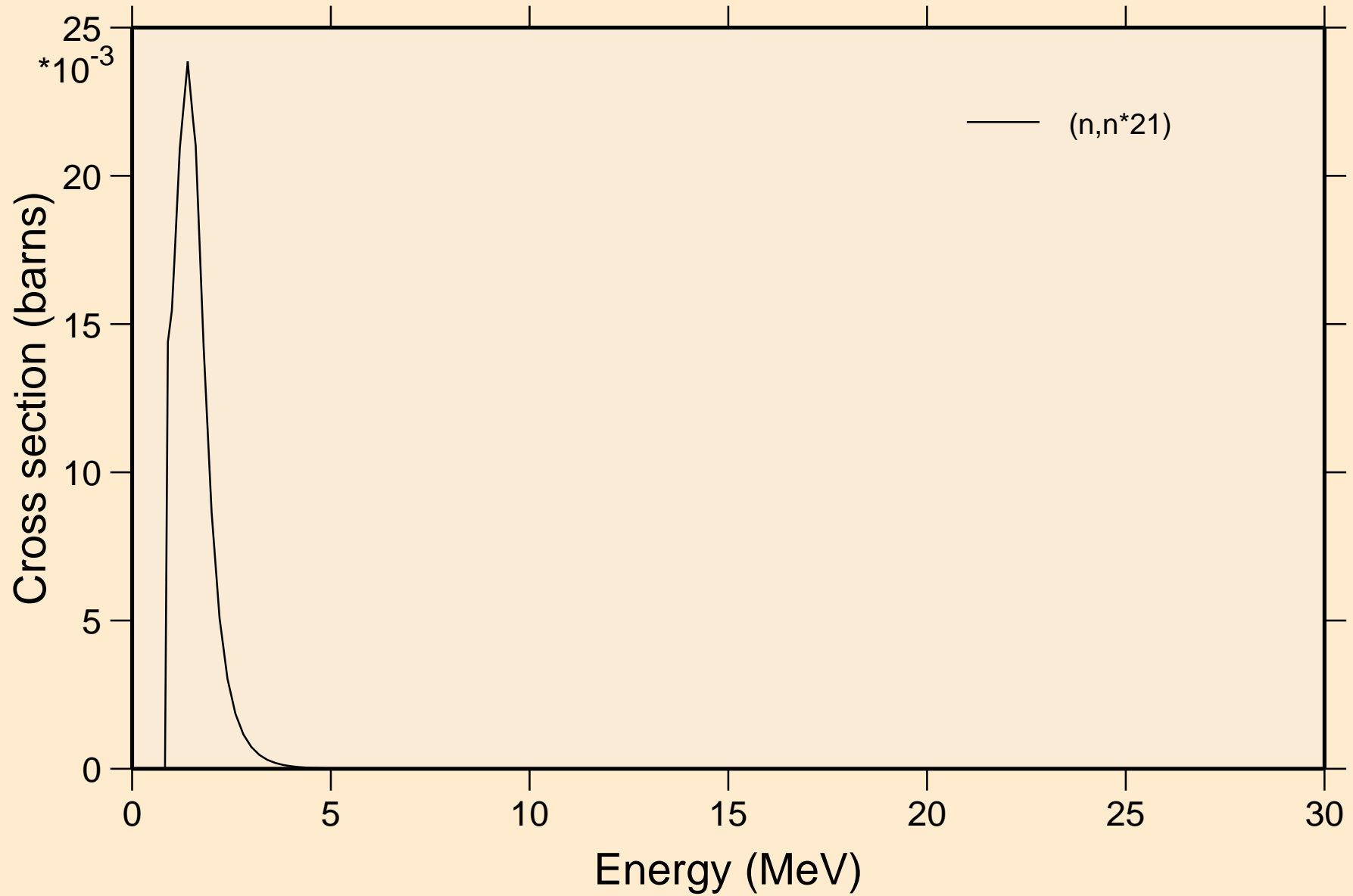
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

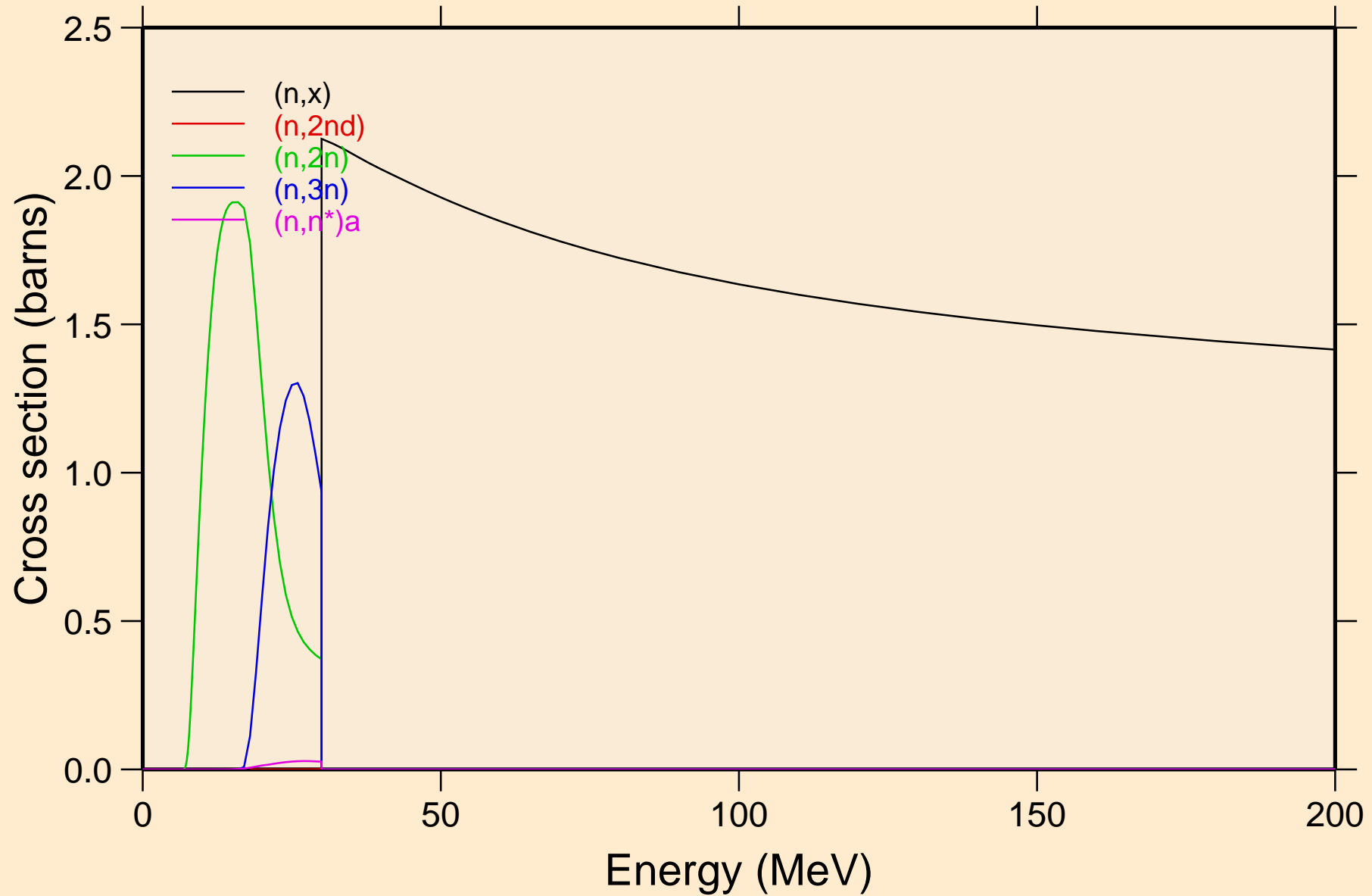


HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

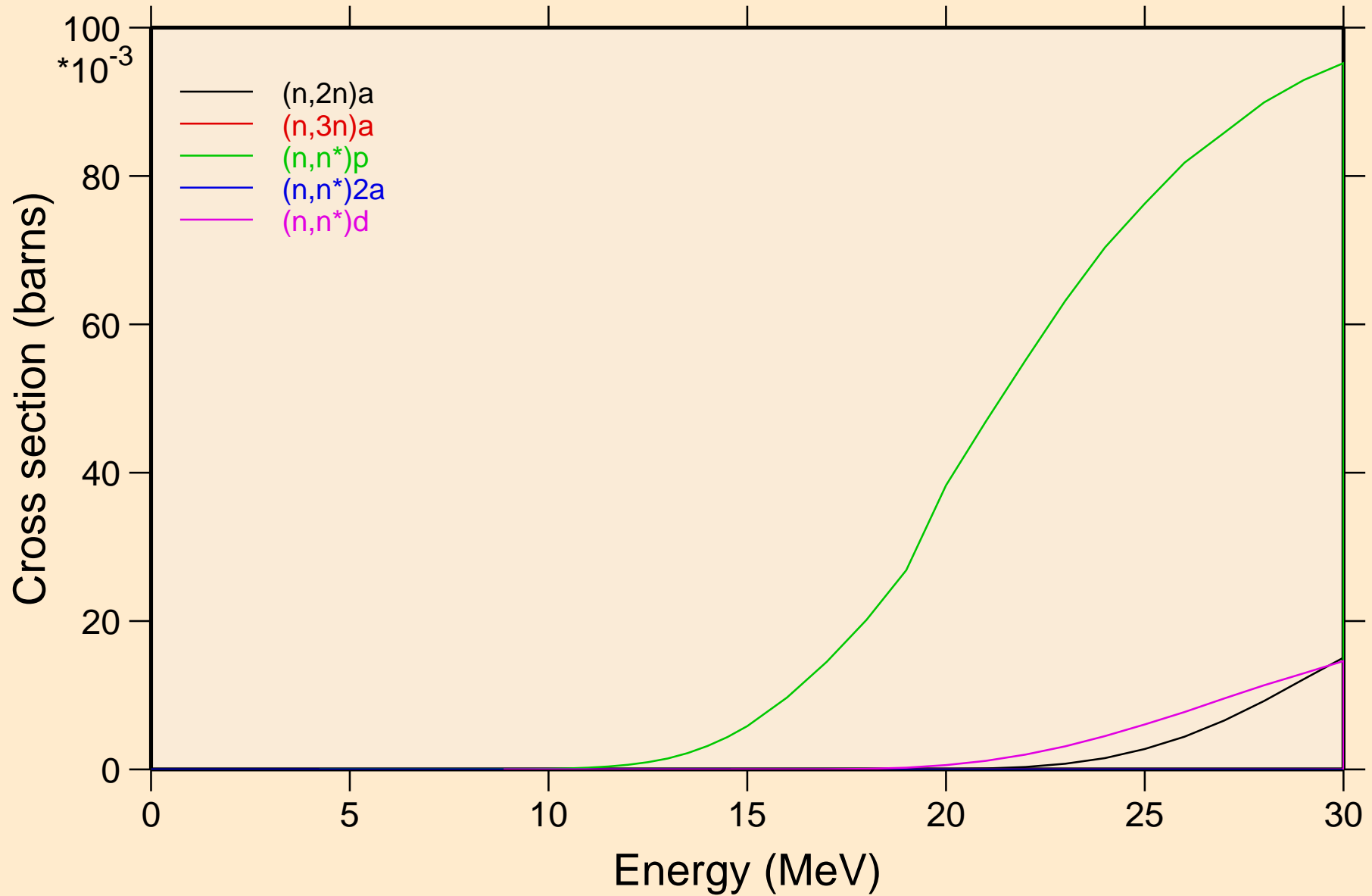


# HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

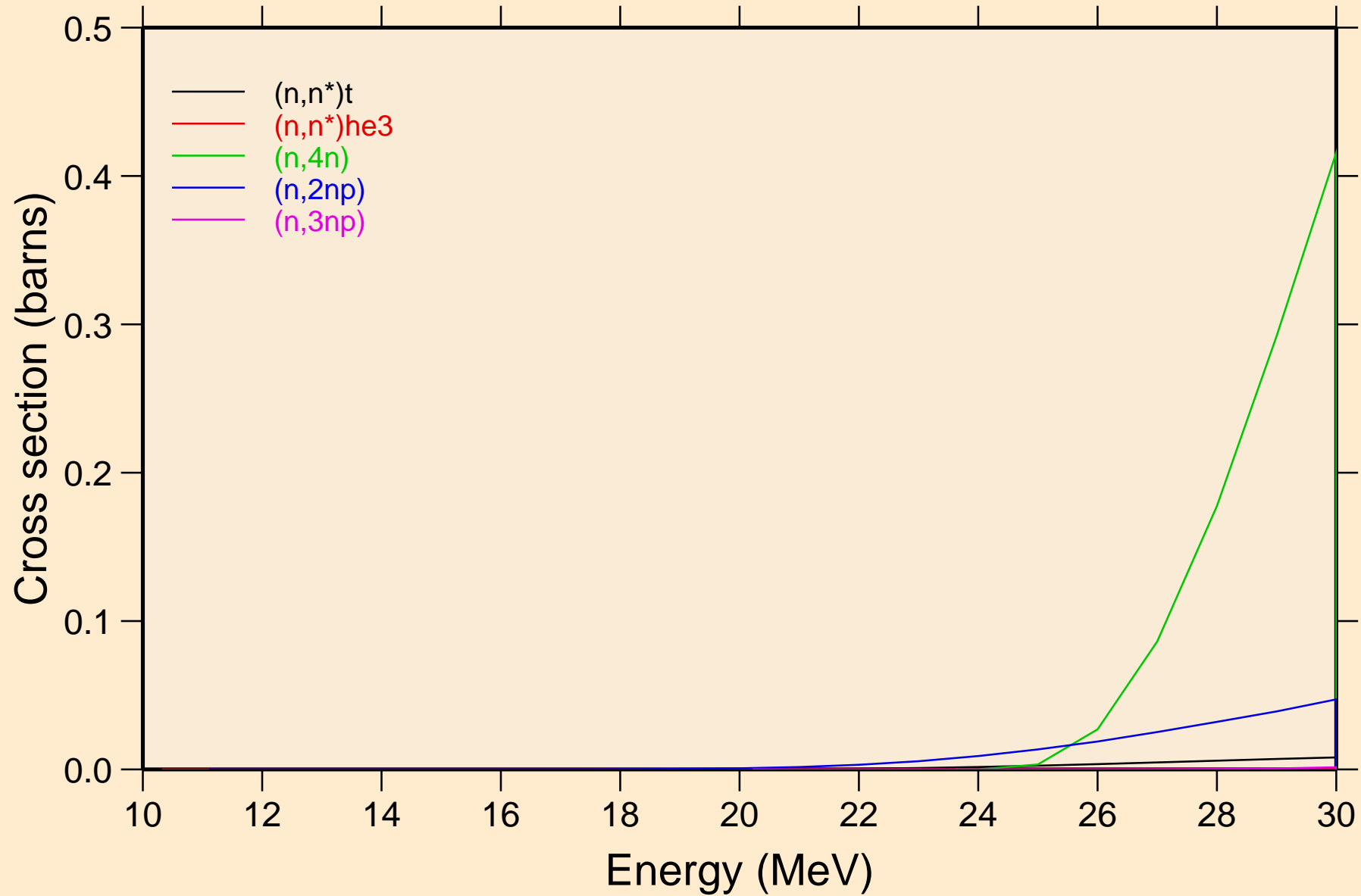
## Threshold reactions



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

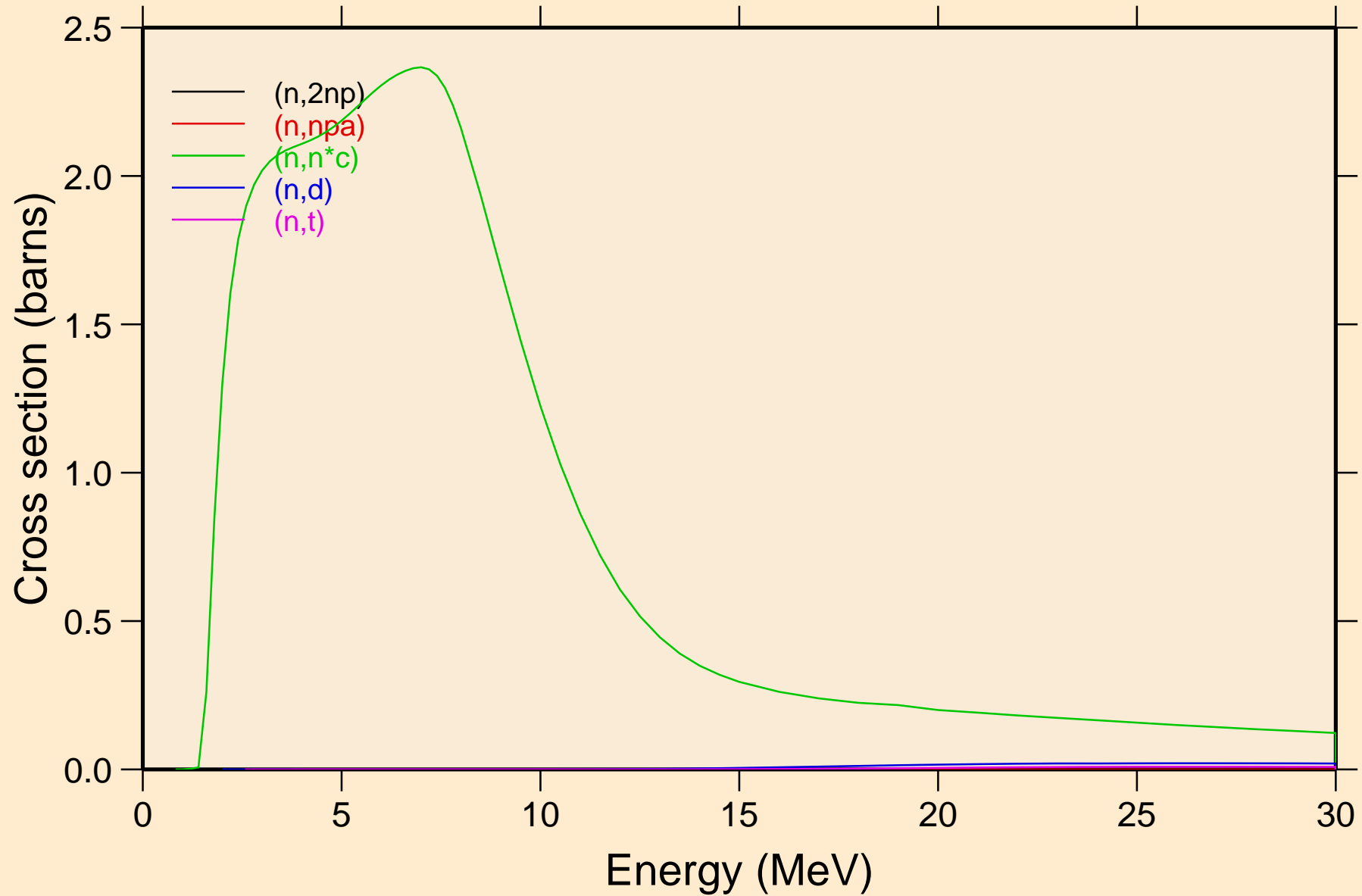


HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

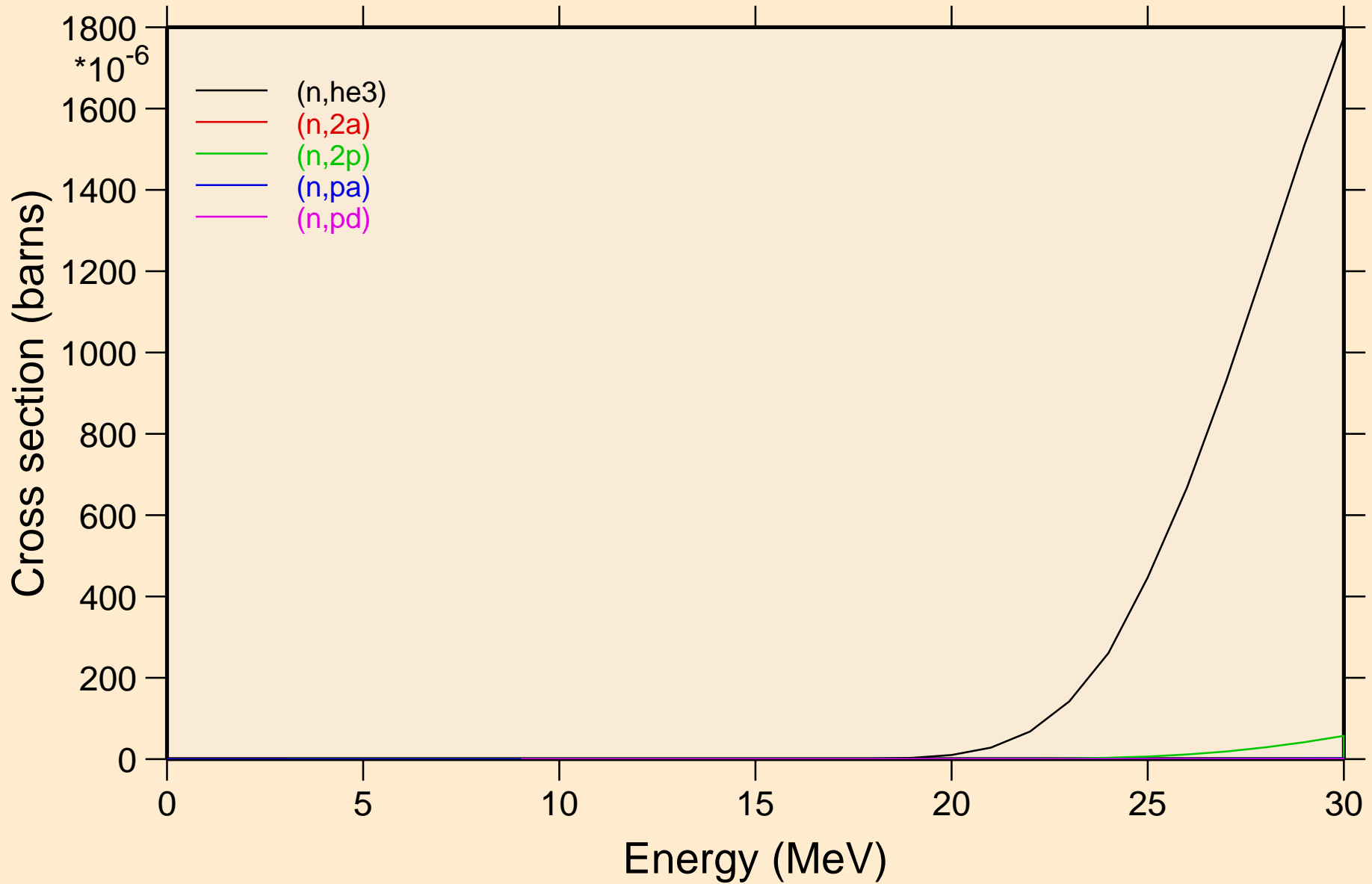




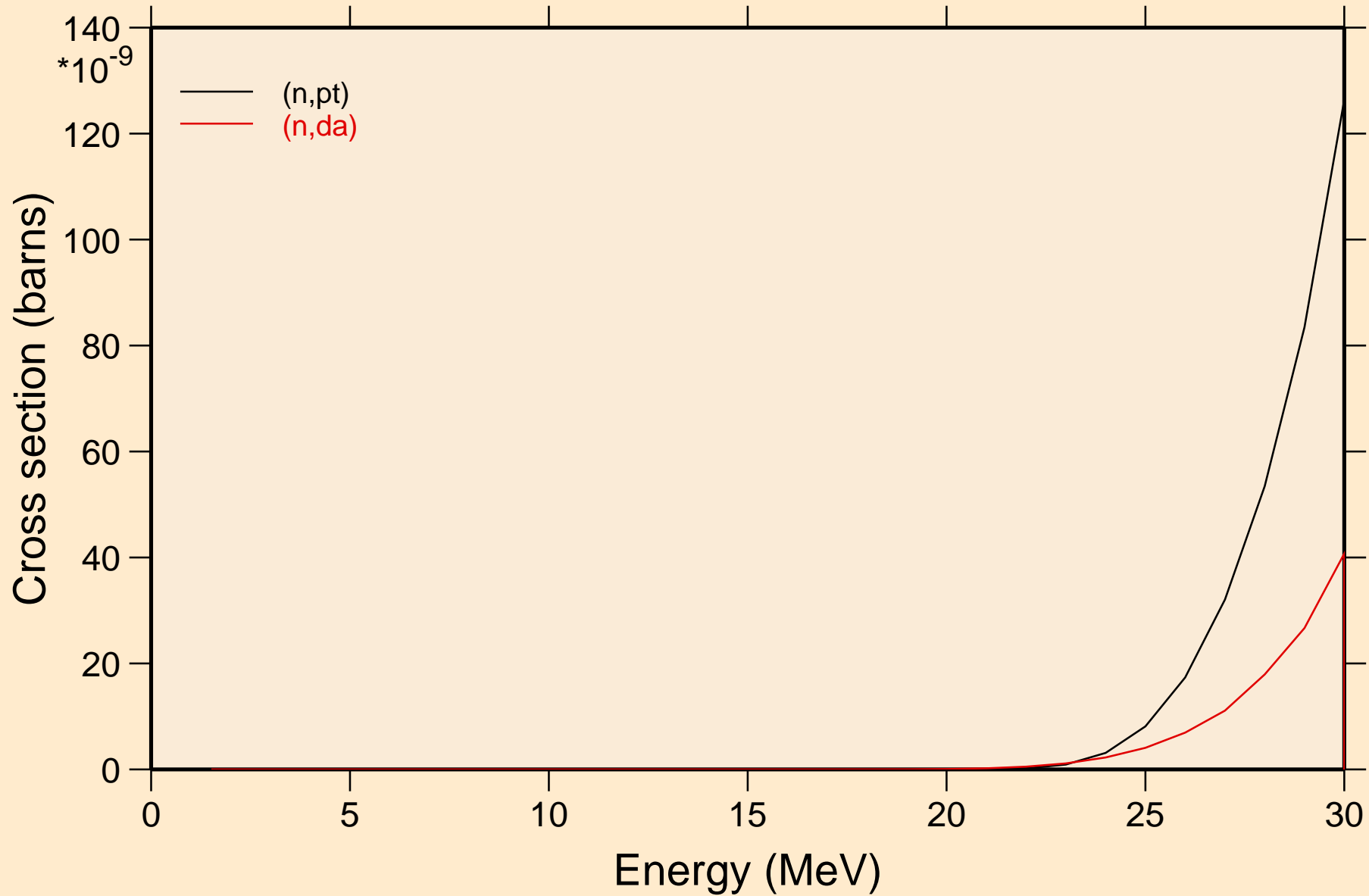
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

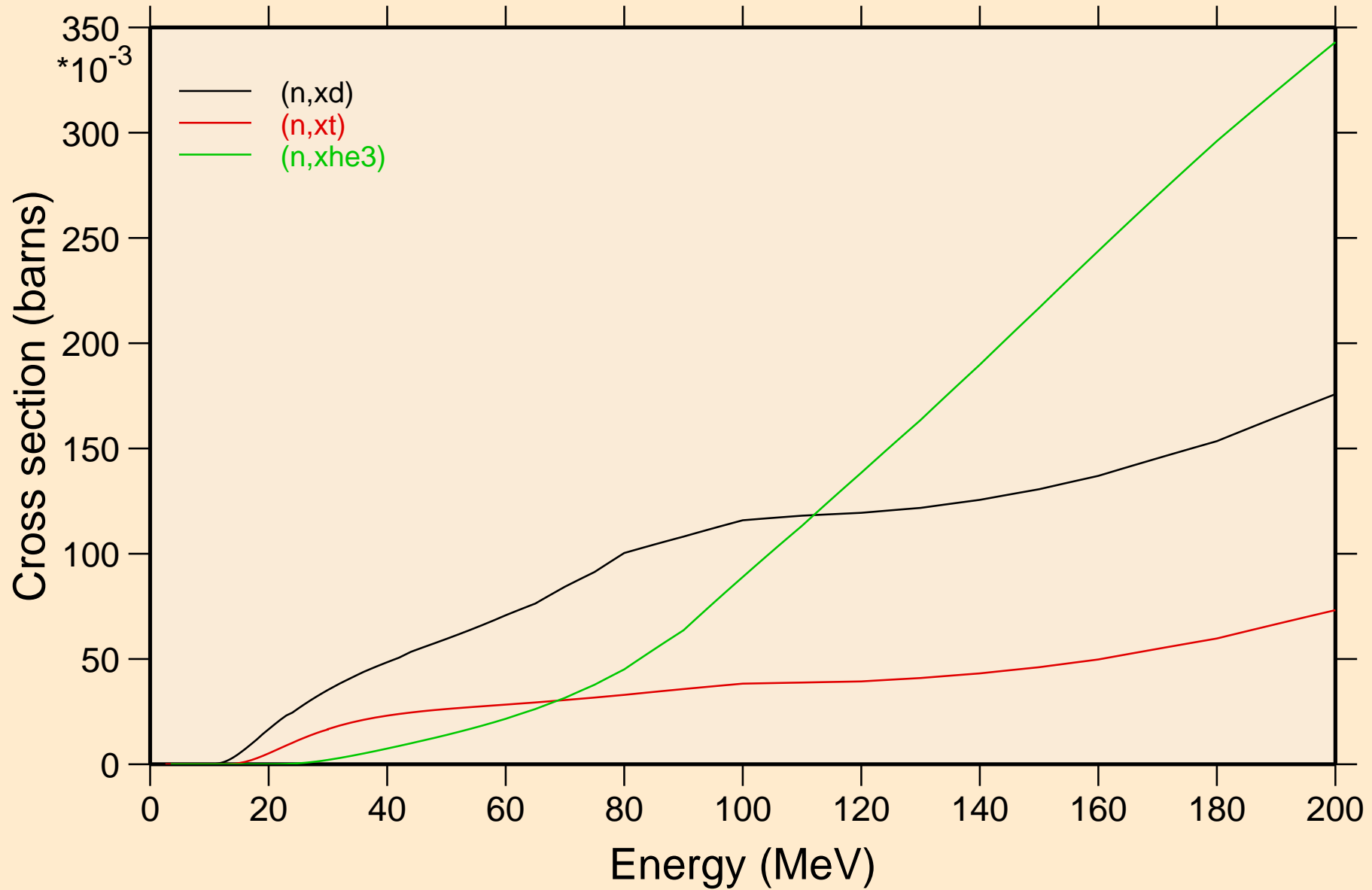


HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

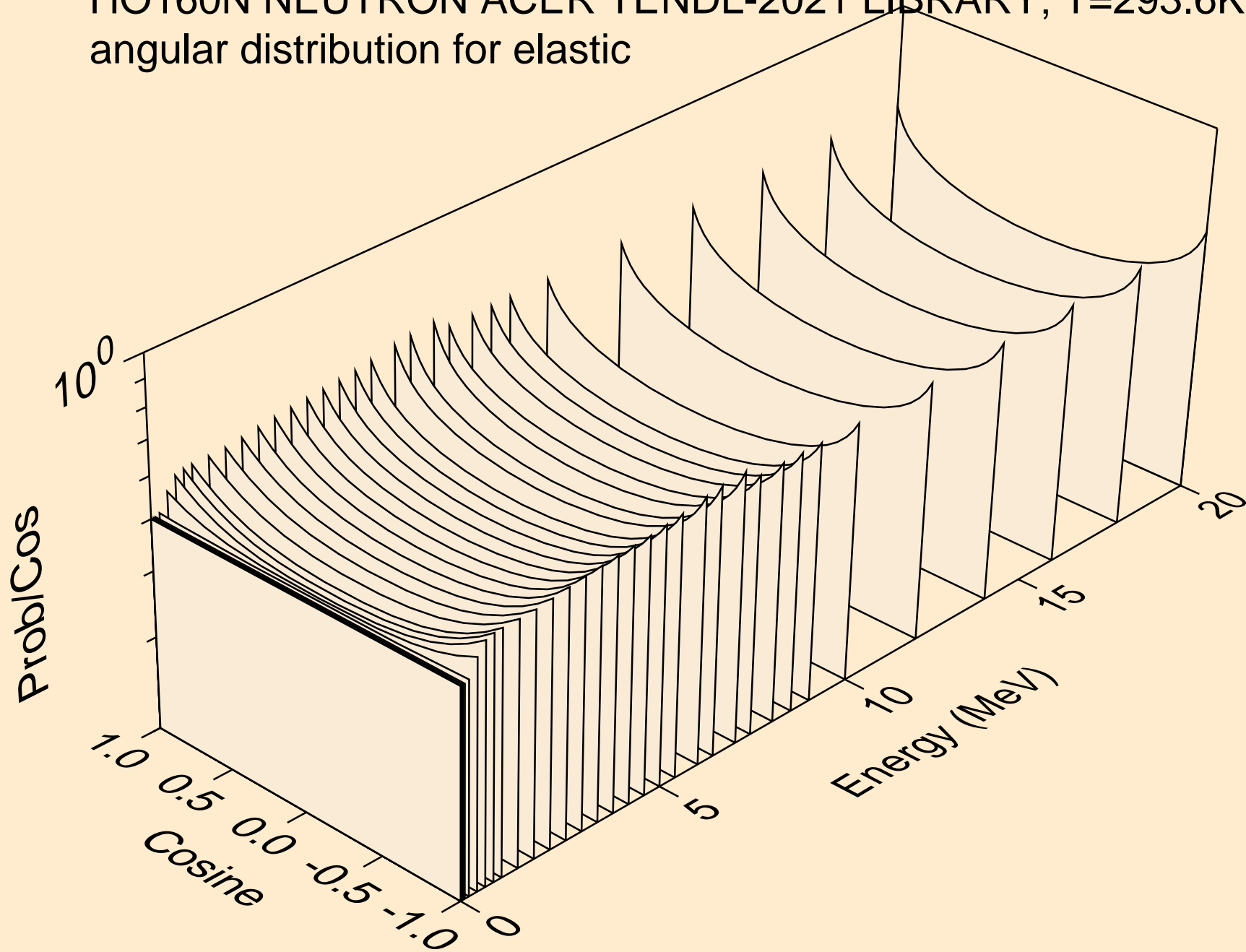


# HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

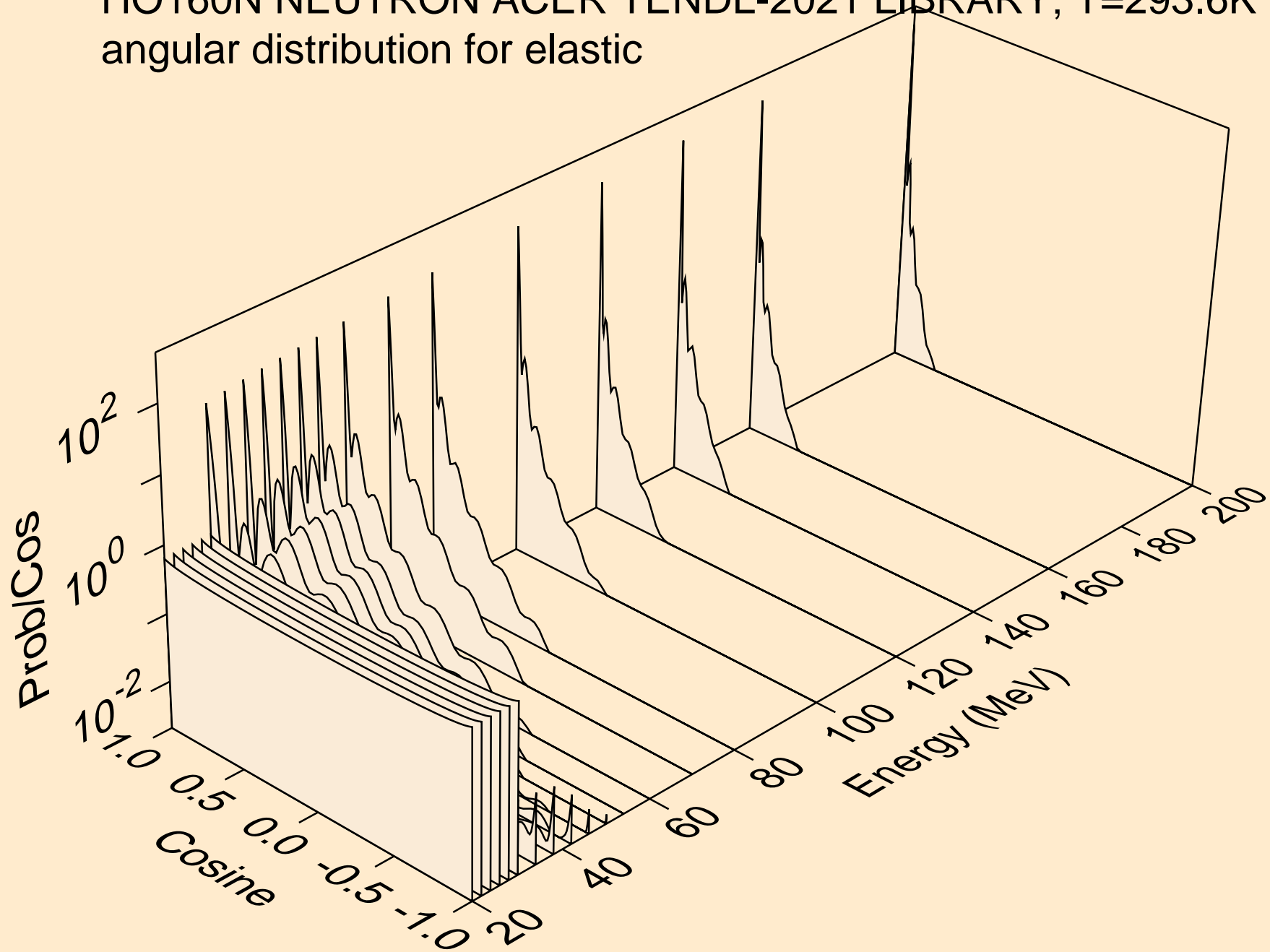
## Threshold reactions



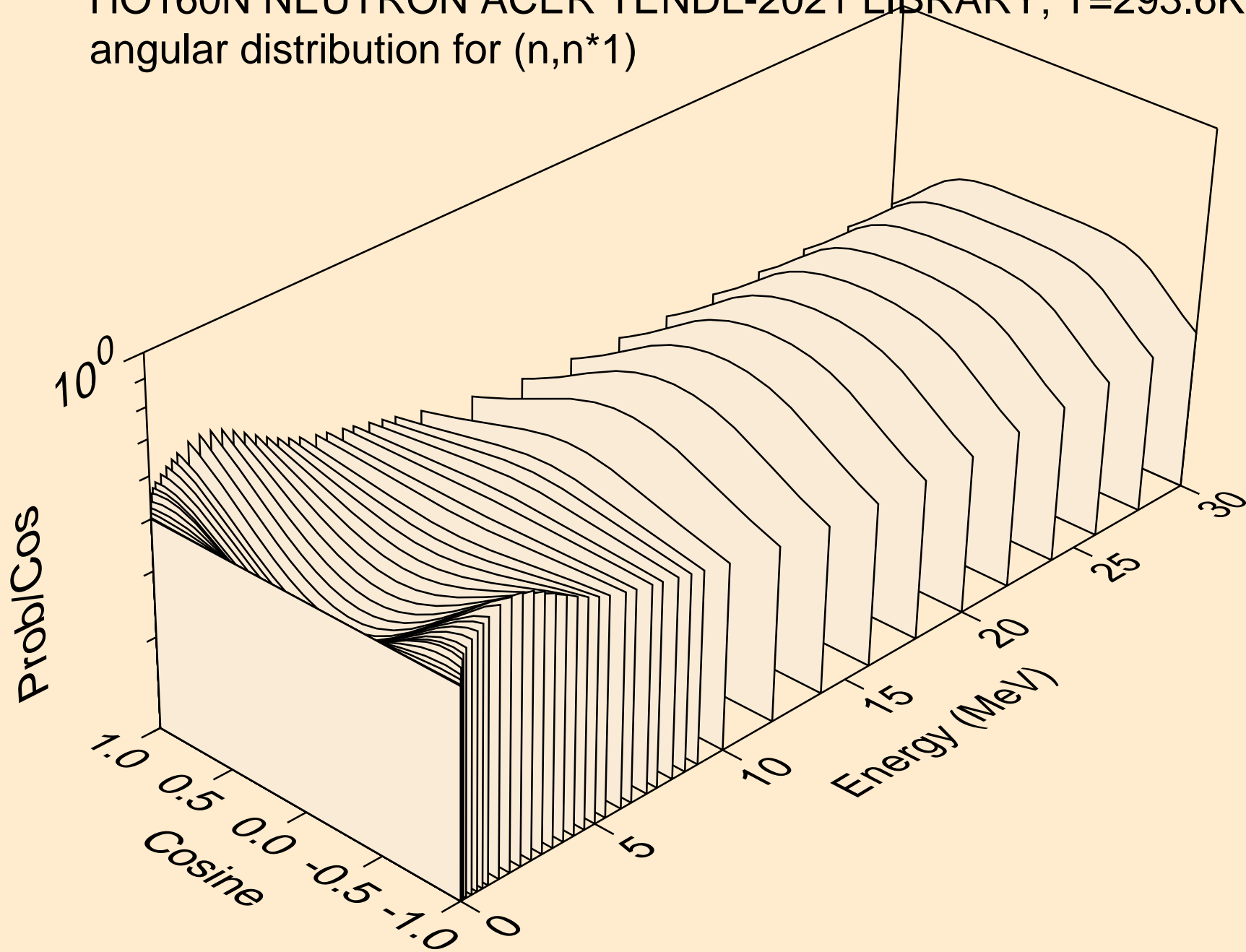
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



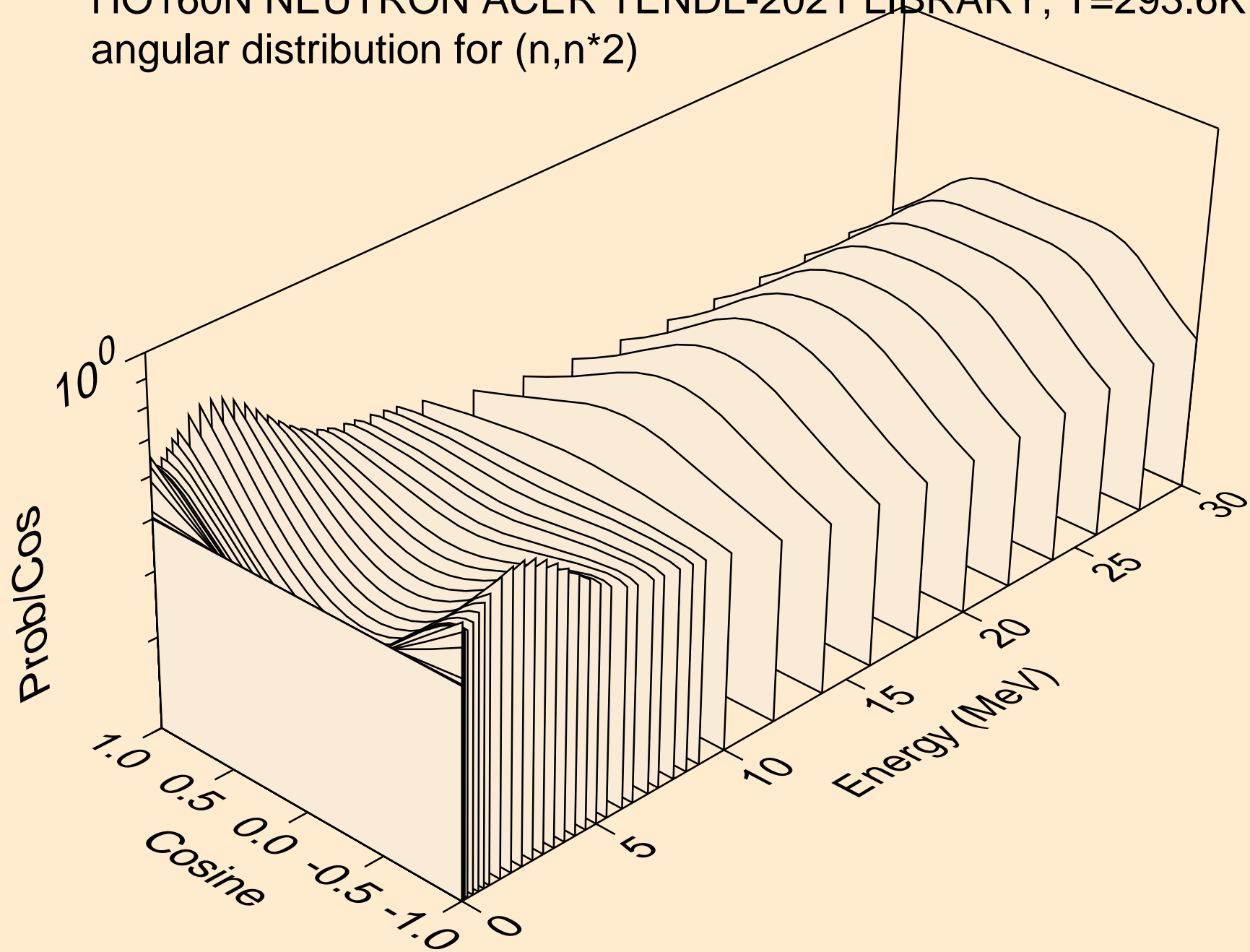
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

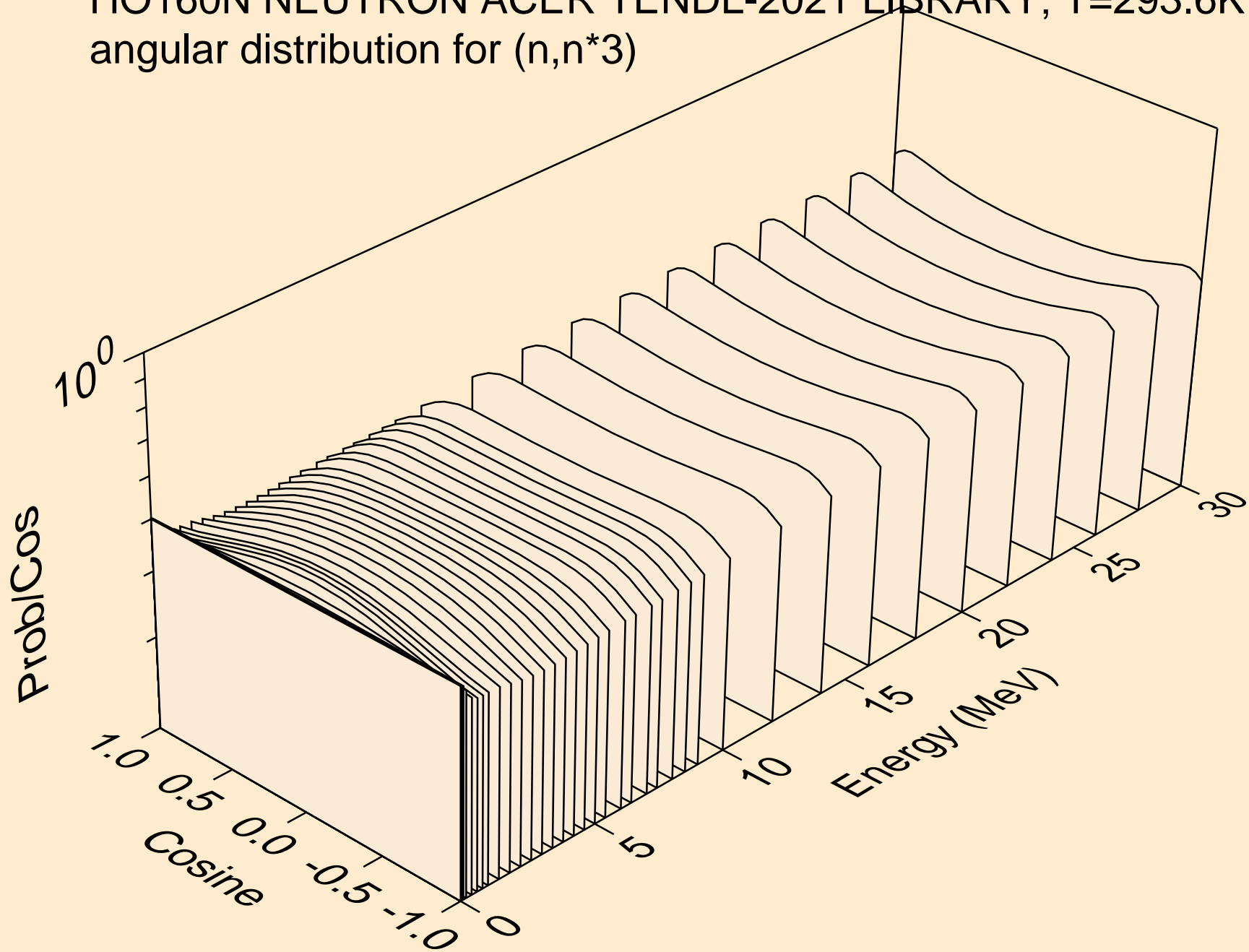


HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)

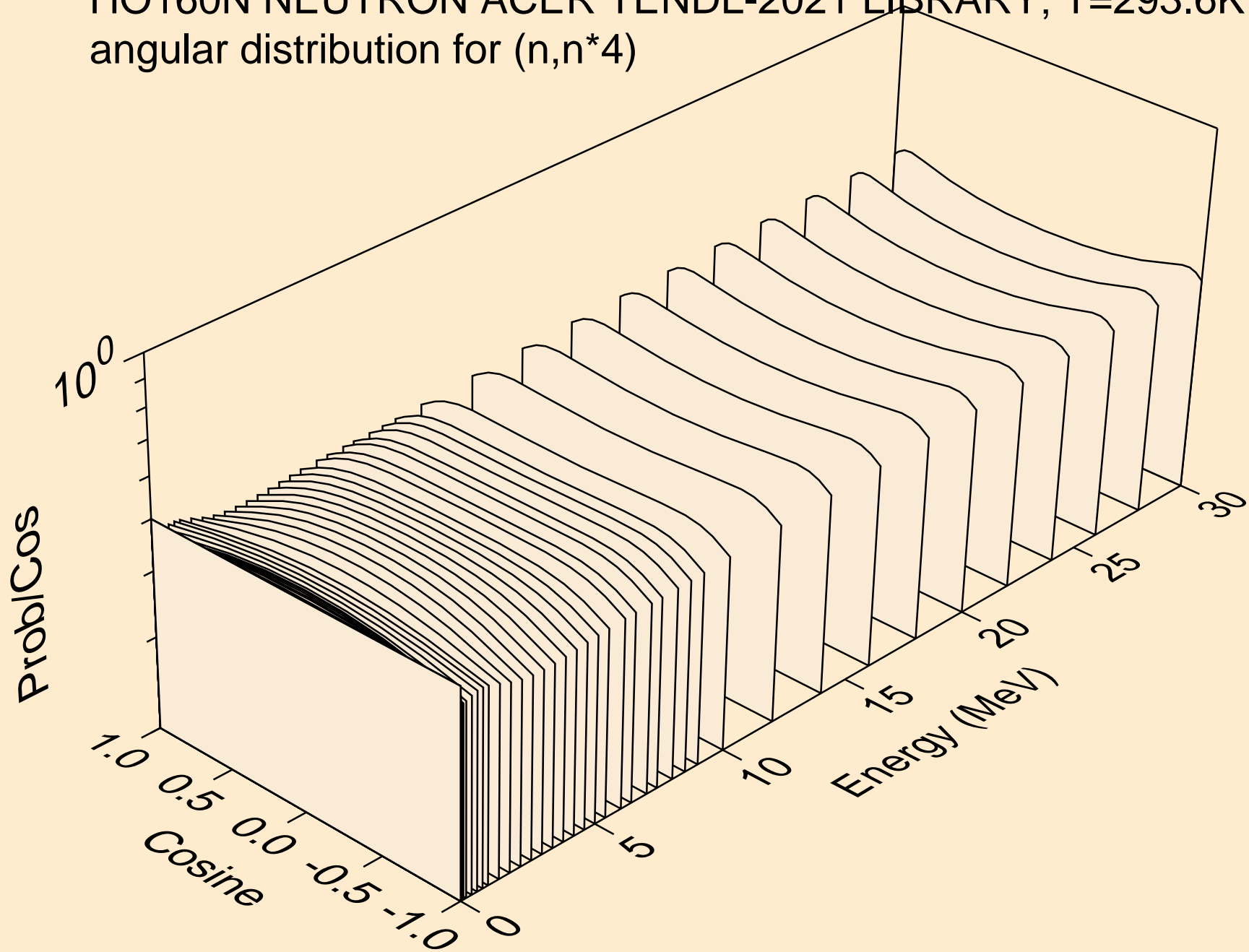




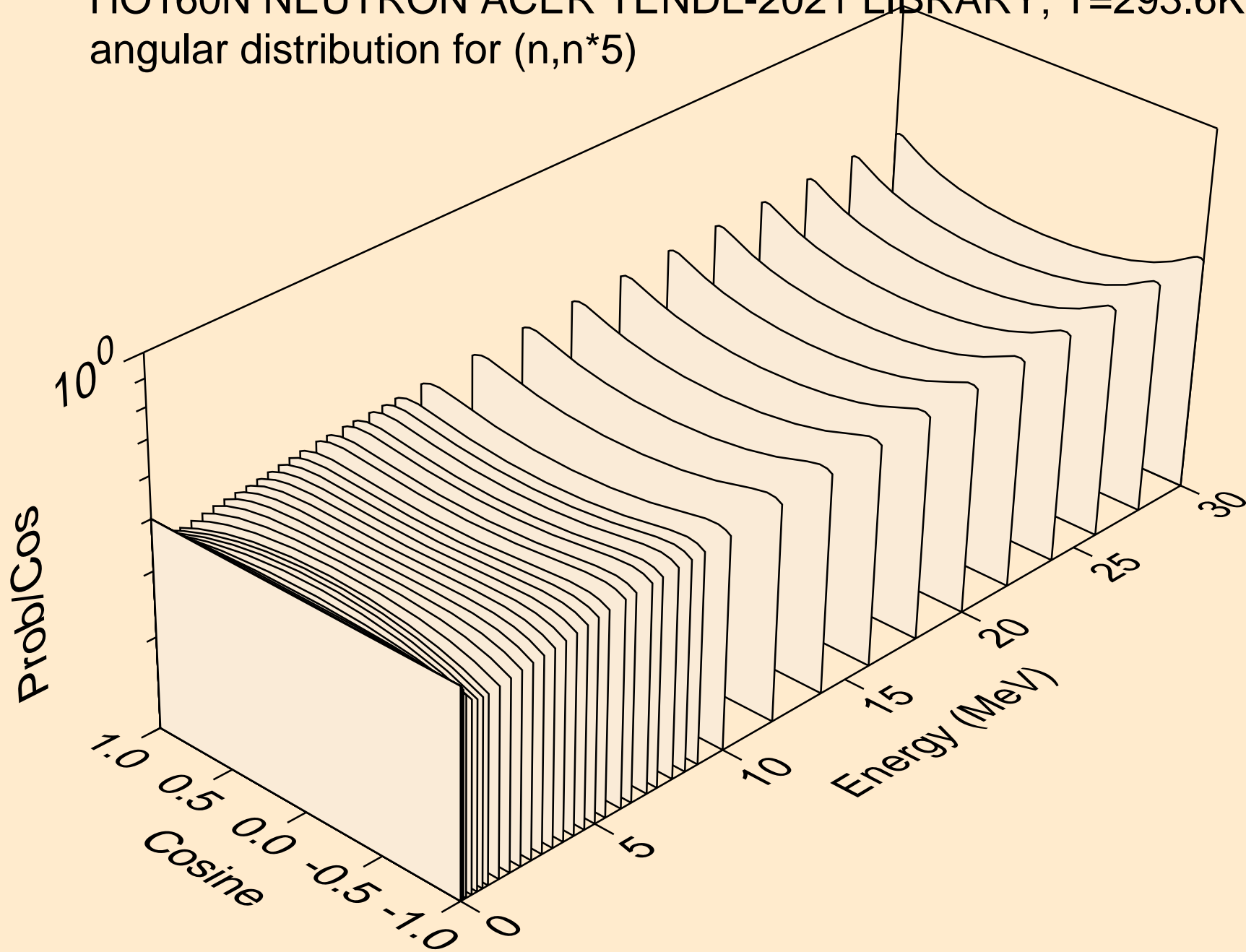
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angular distribution for (n,n\*3)



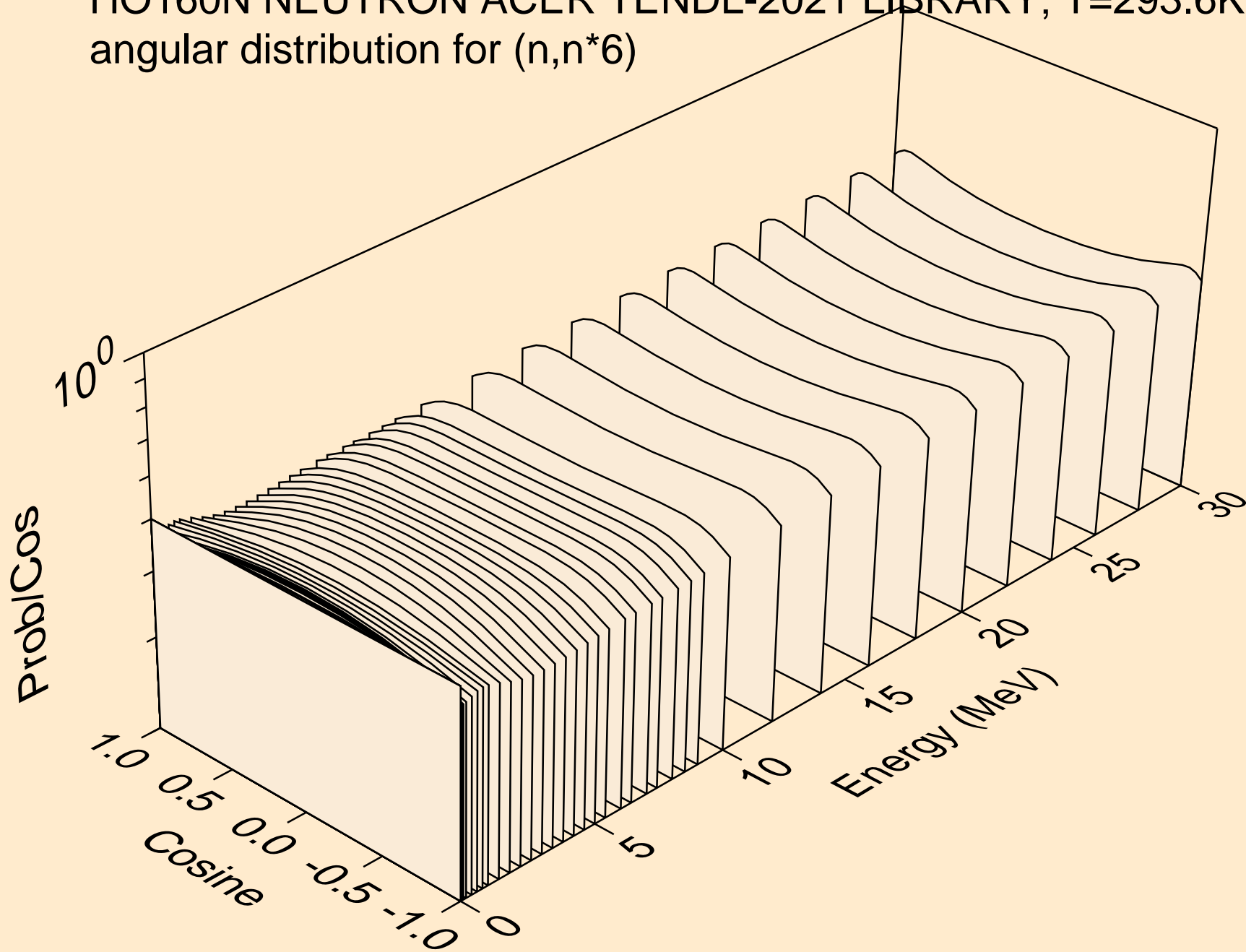
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



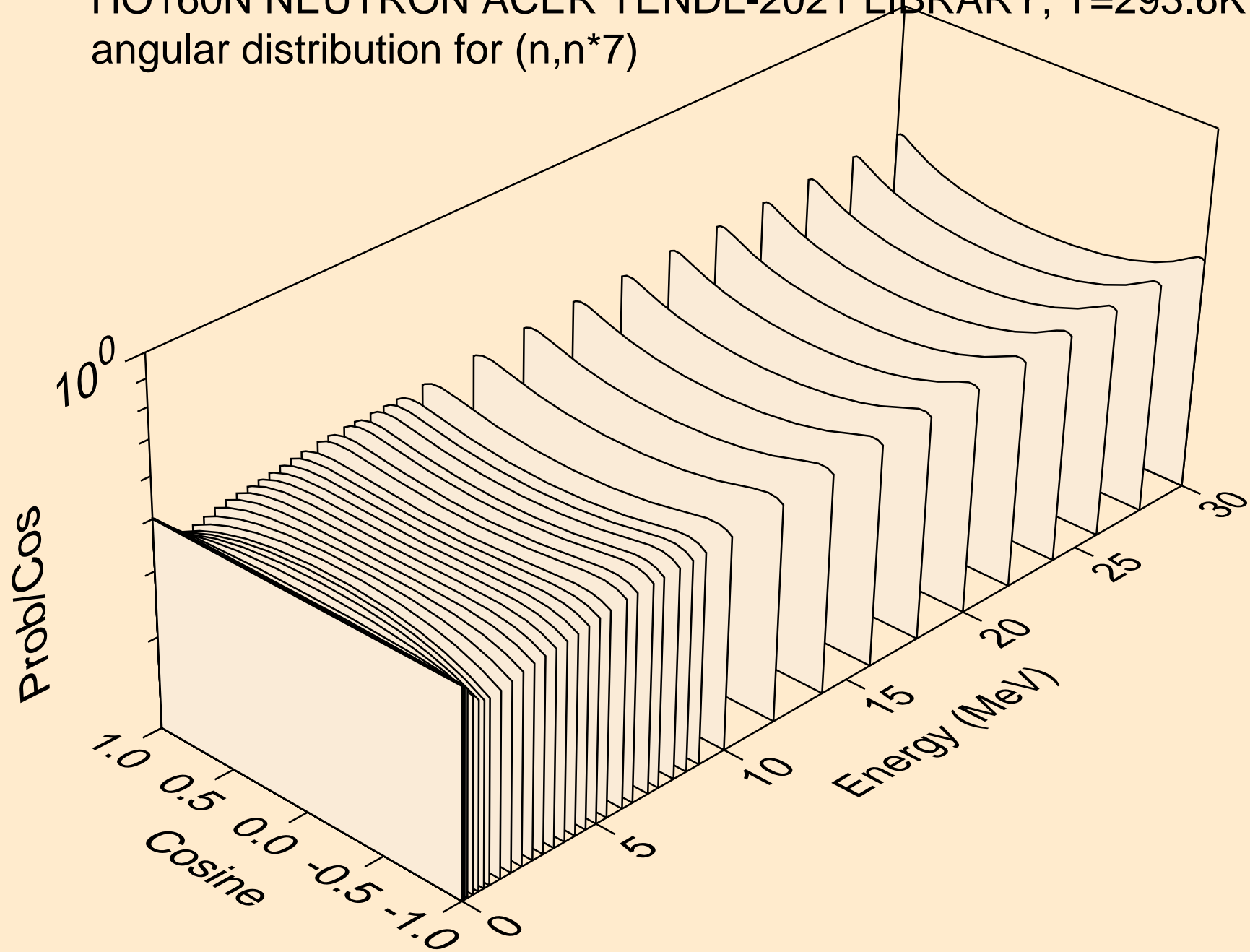
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angular distribution for (n,n\*5)



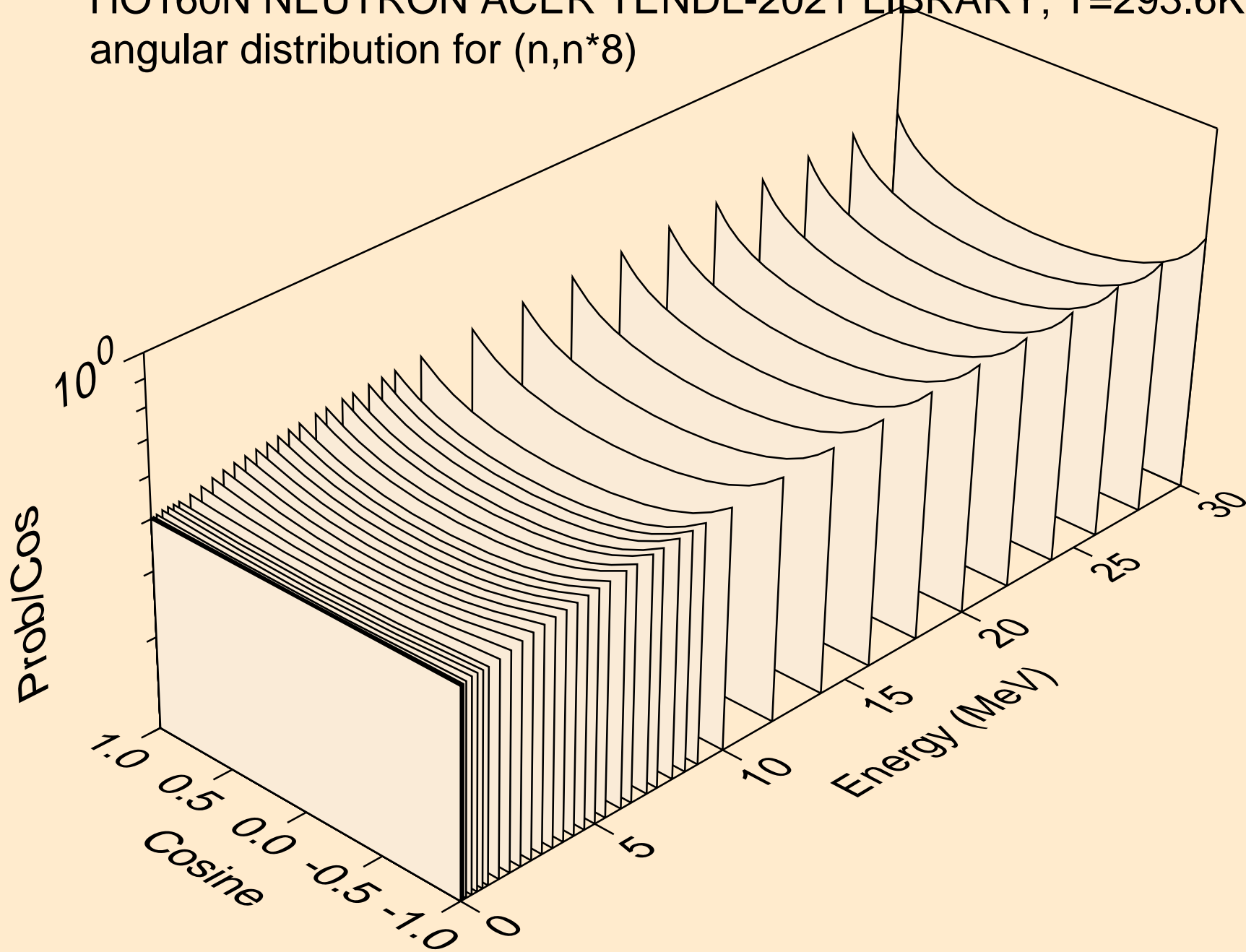
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angular distribution for (n,n\*6)



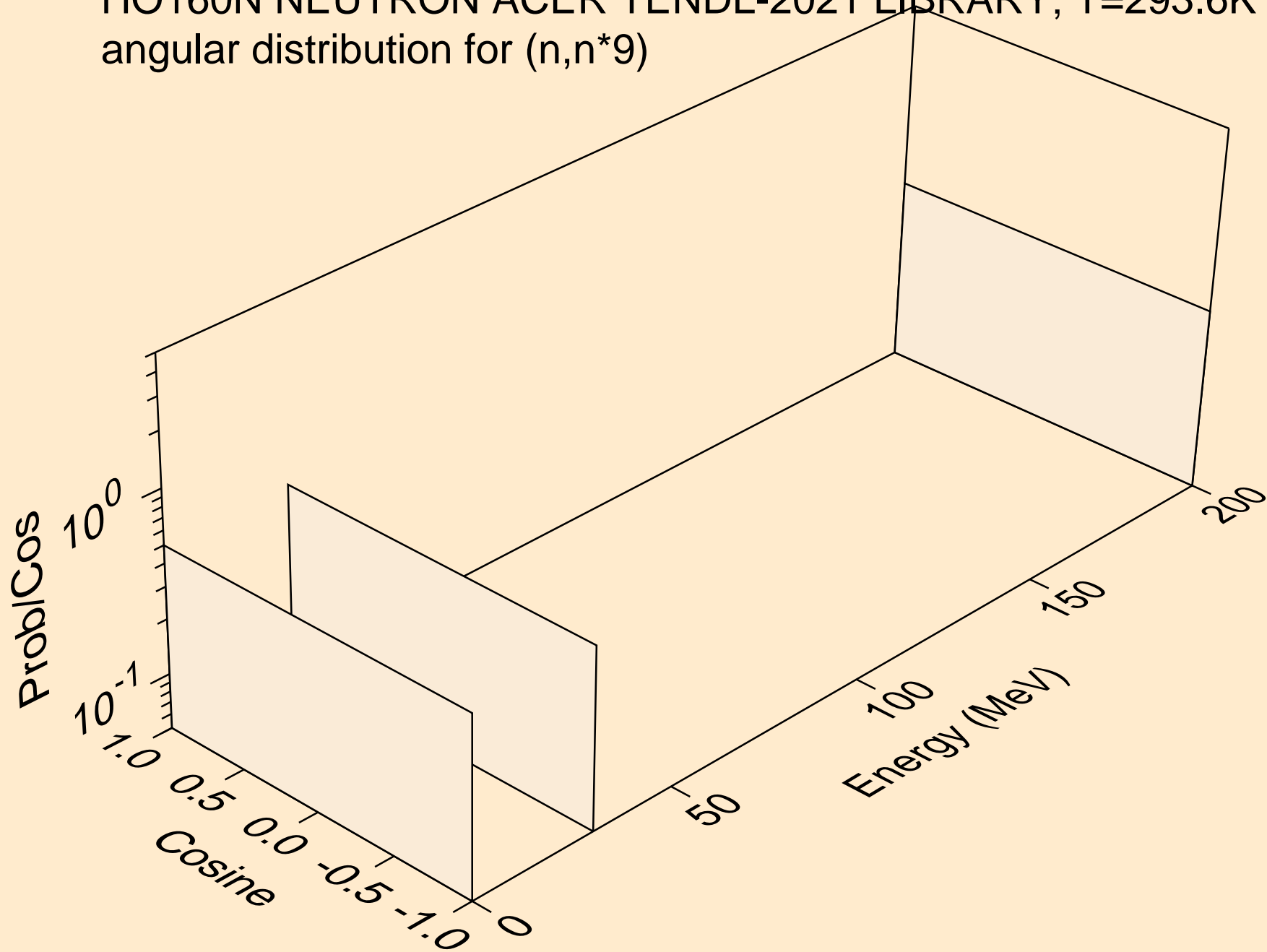
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angular distribution for (n,n\*7)



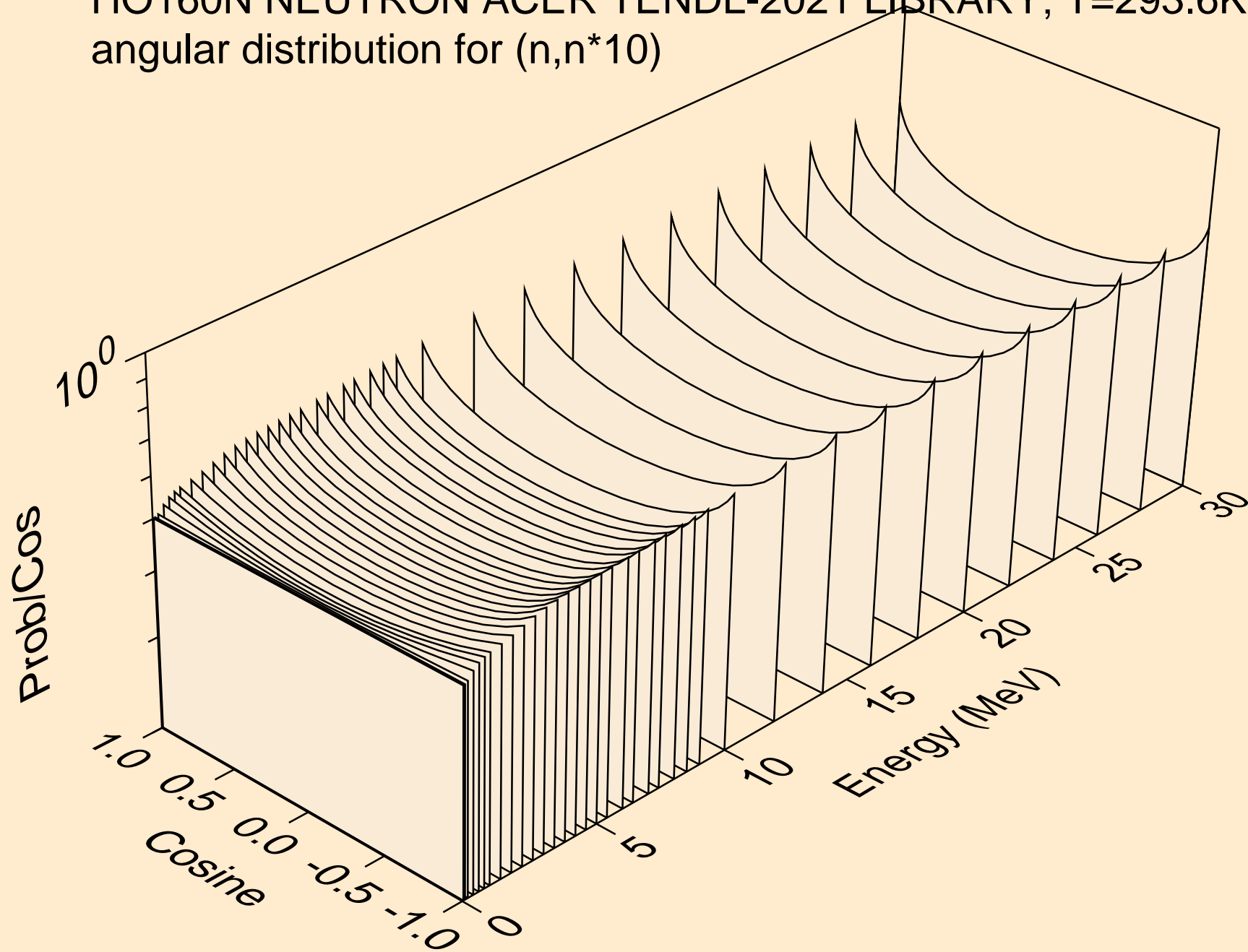
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)

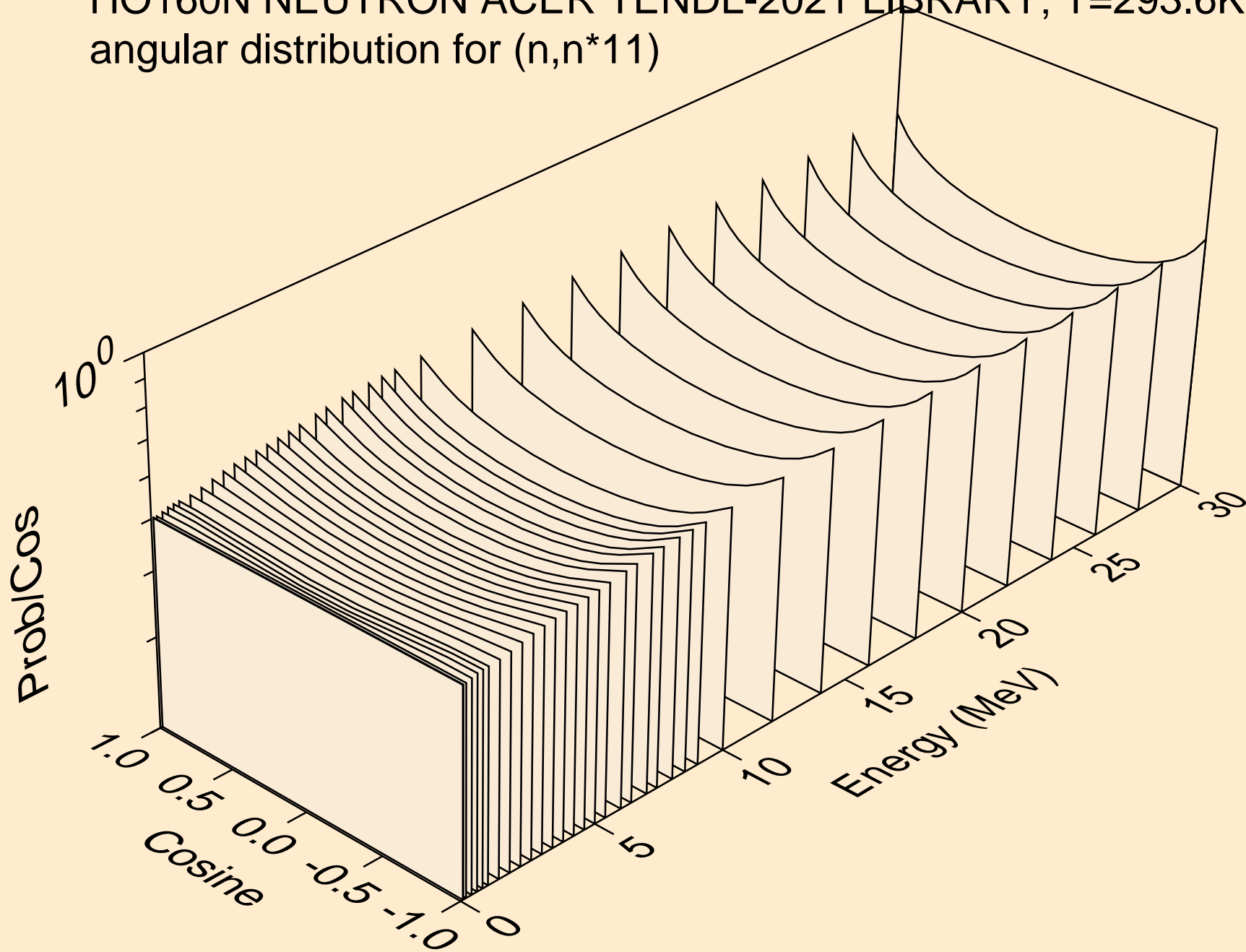


HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)

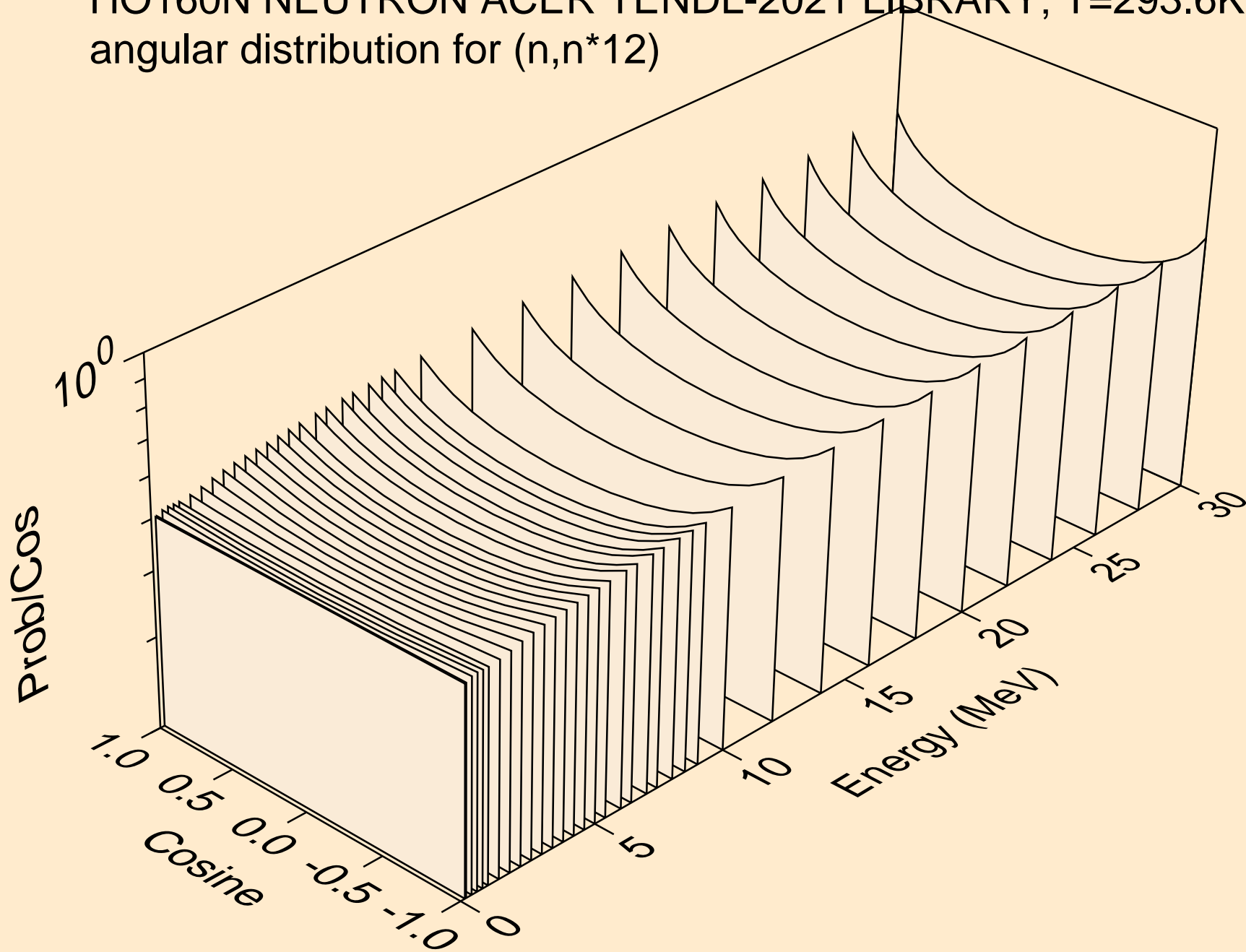




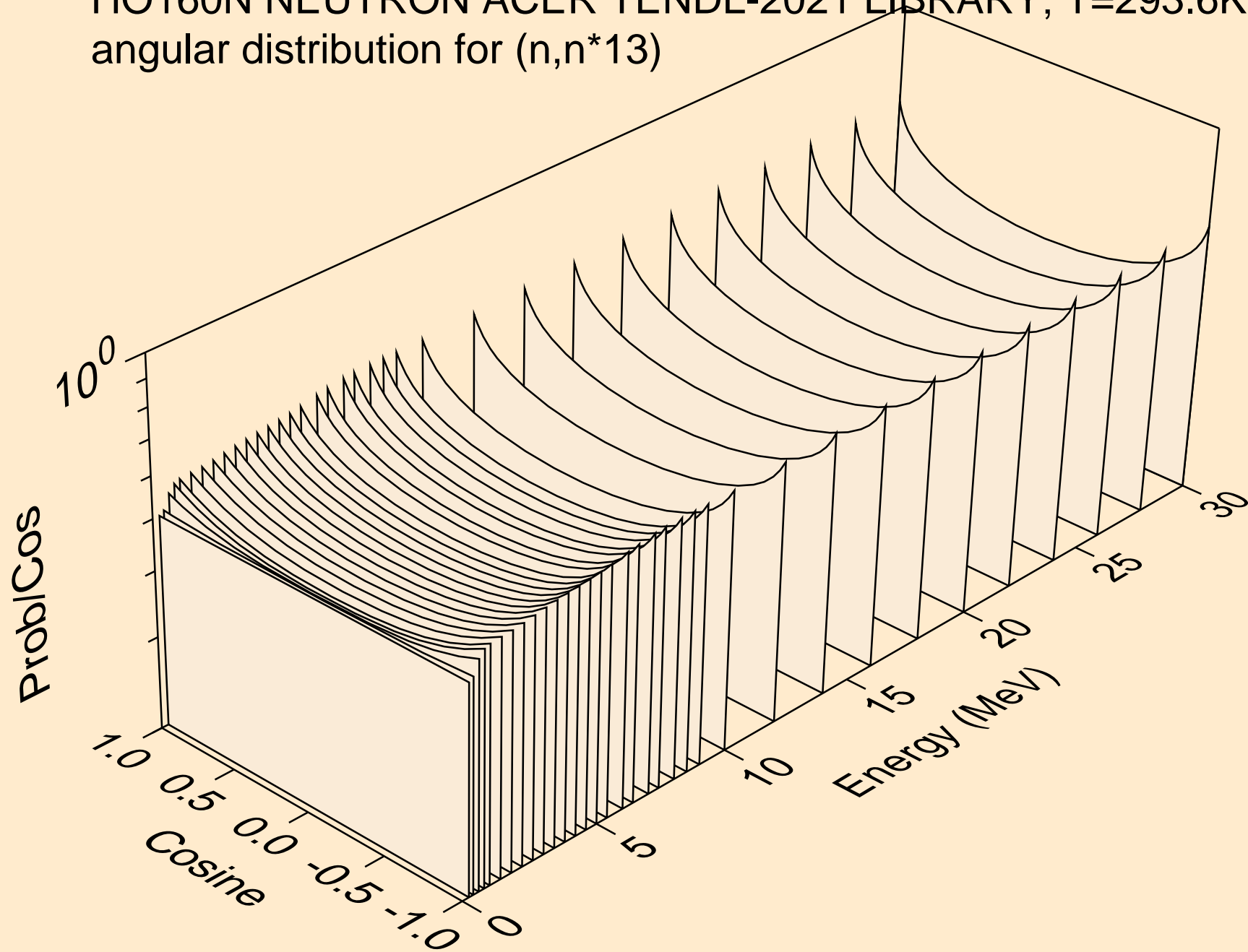
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



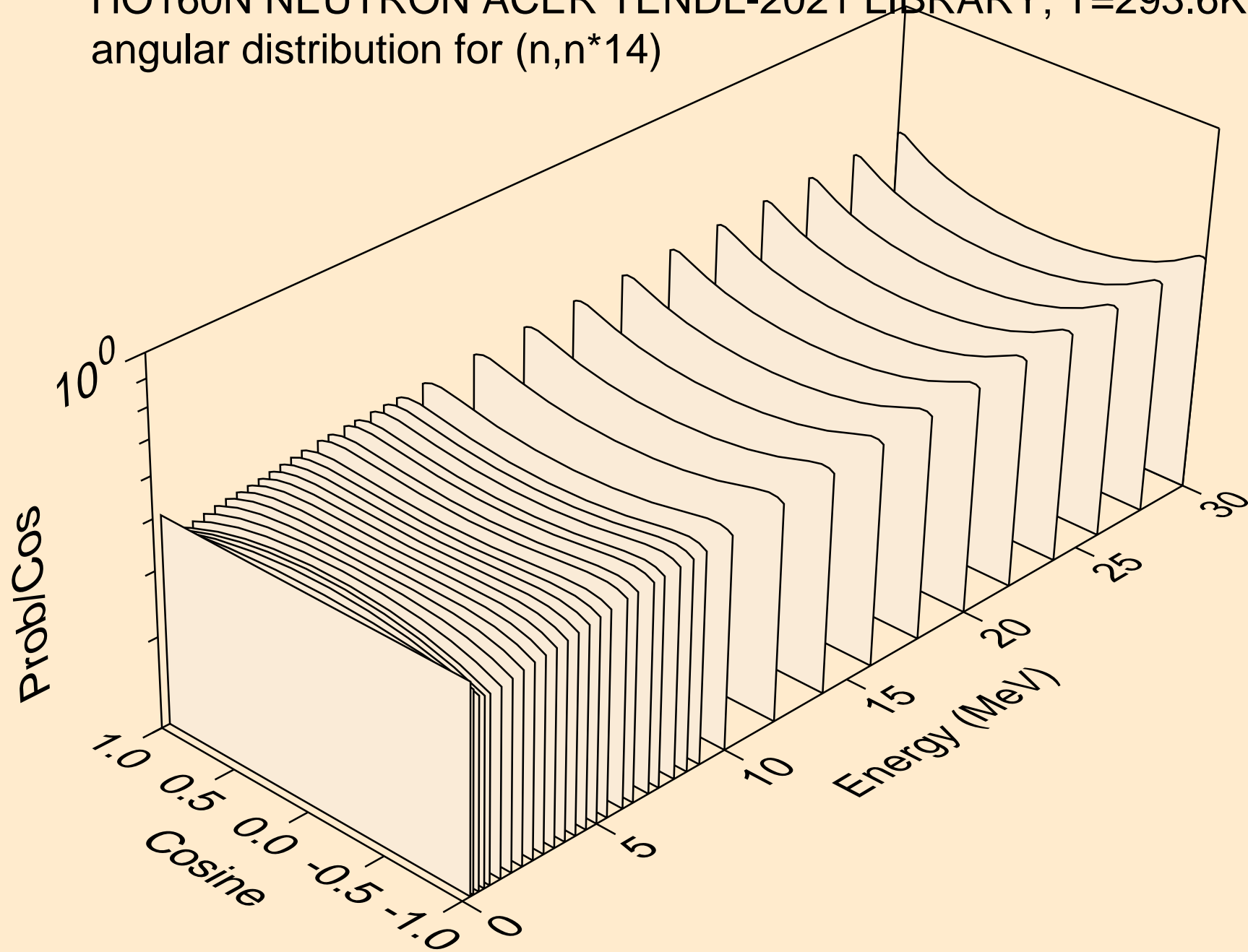
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angular distribution for (n,n\*12)



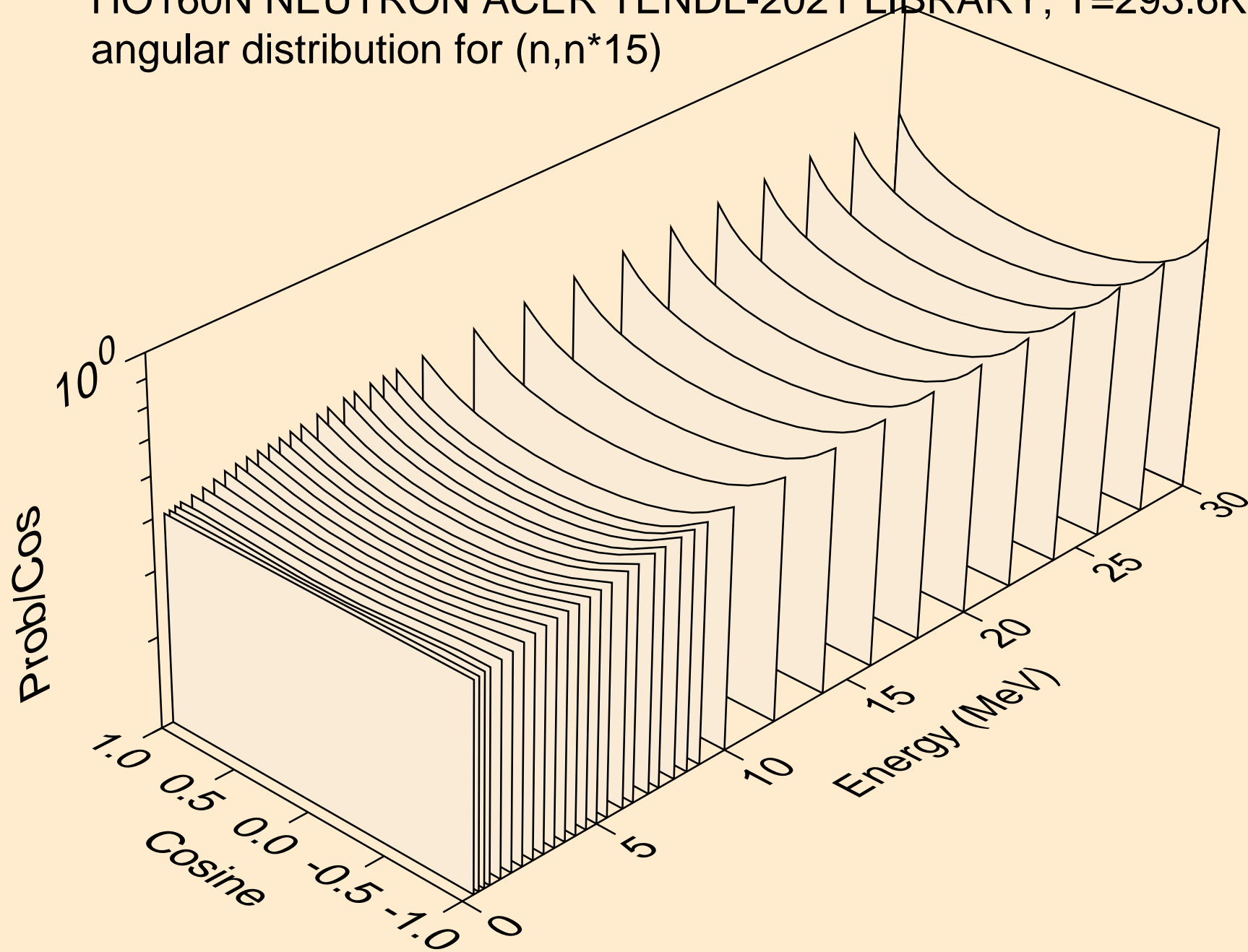
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angular distribution for (n,n\*13)



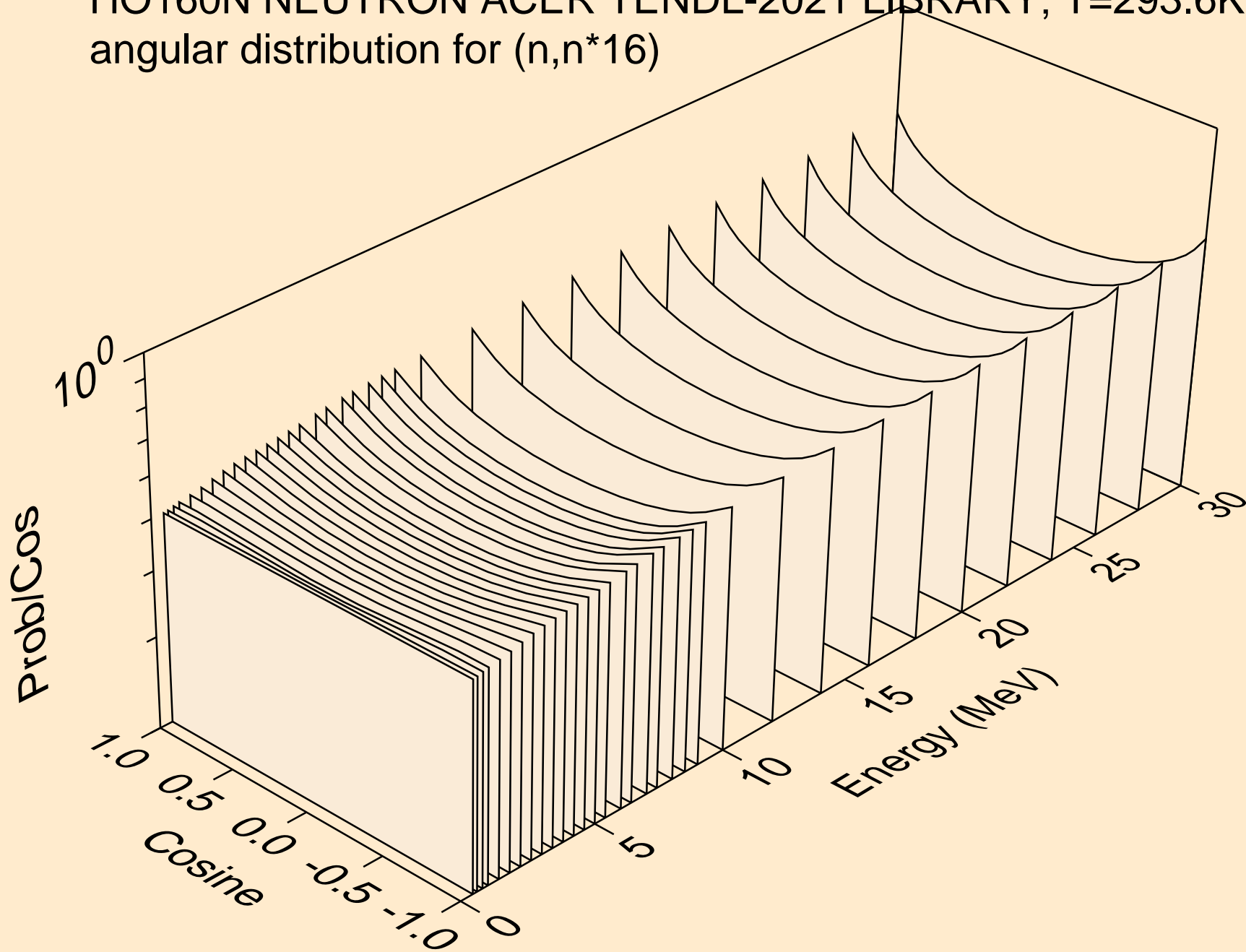
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angular distribution for (n,n\*14)



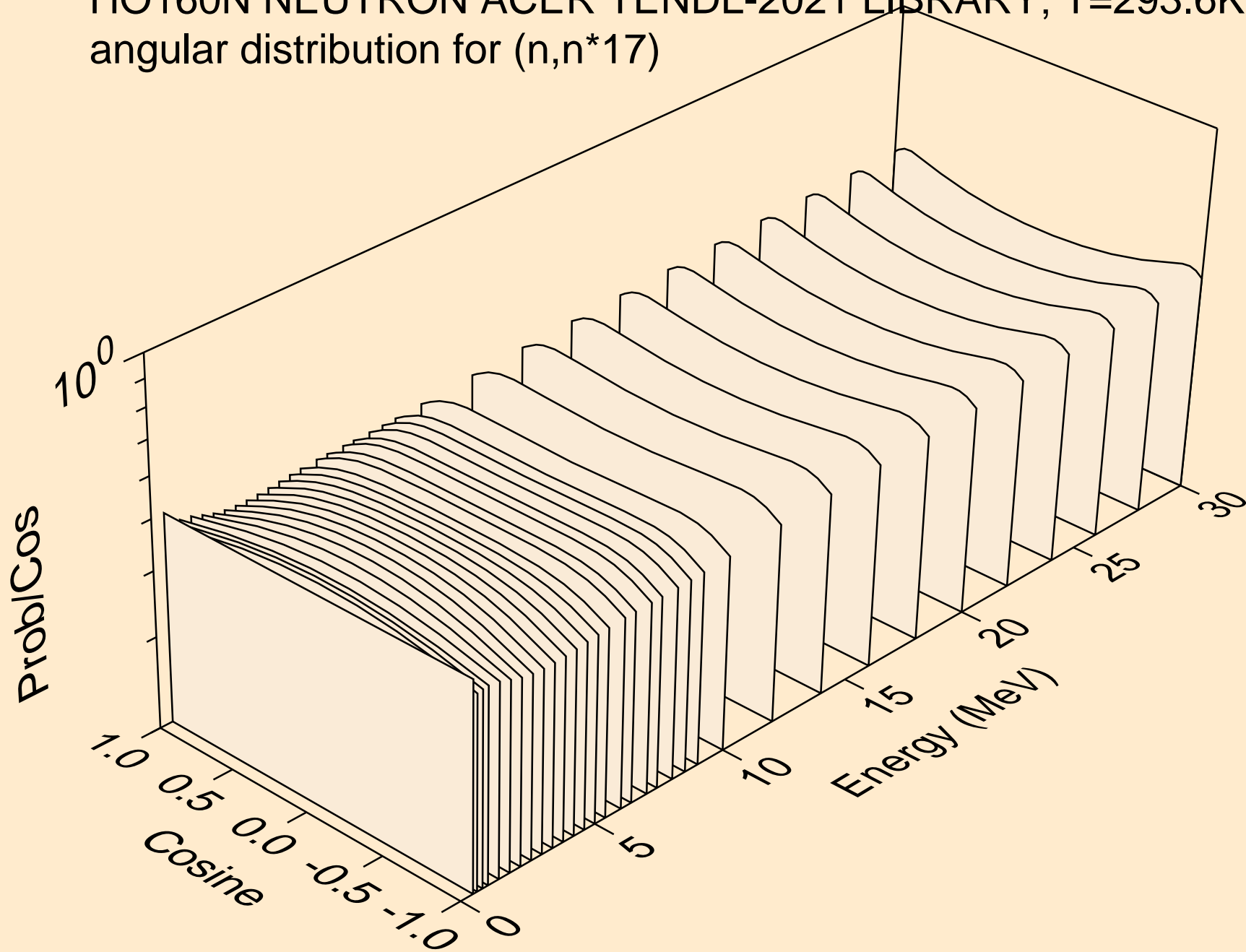
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angular distribution for (n,n\*15)



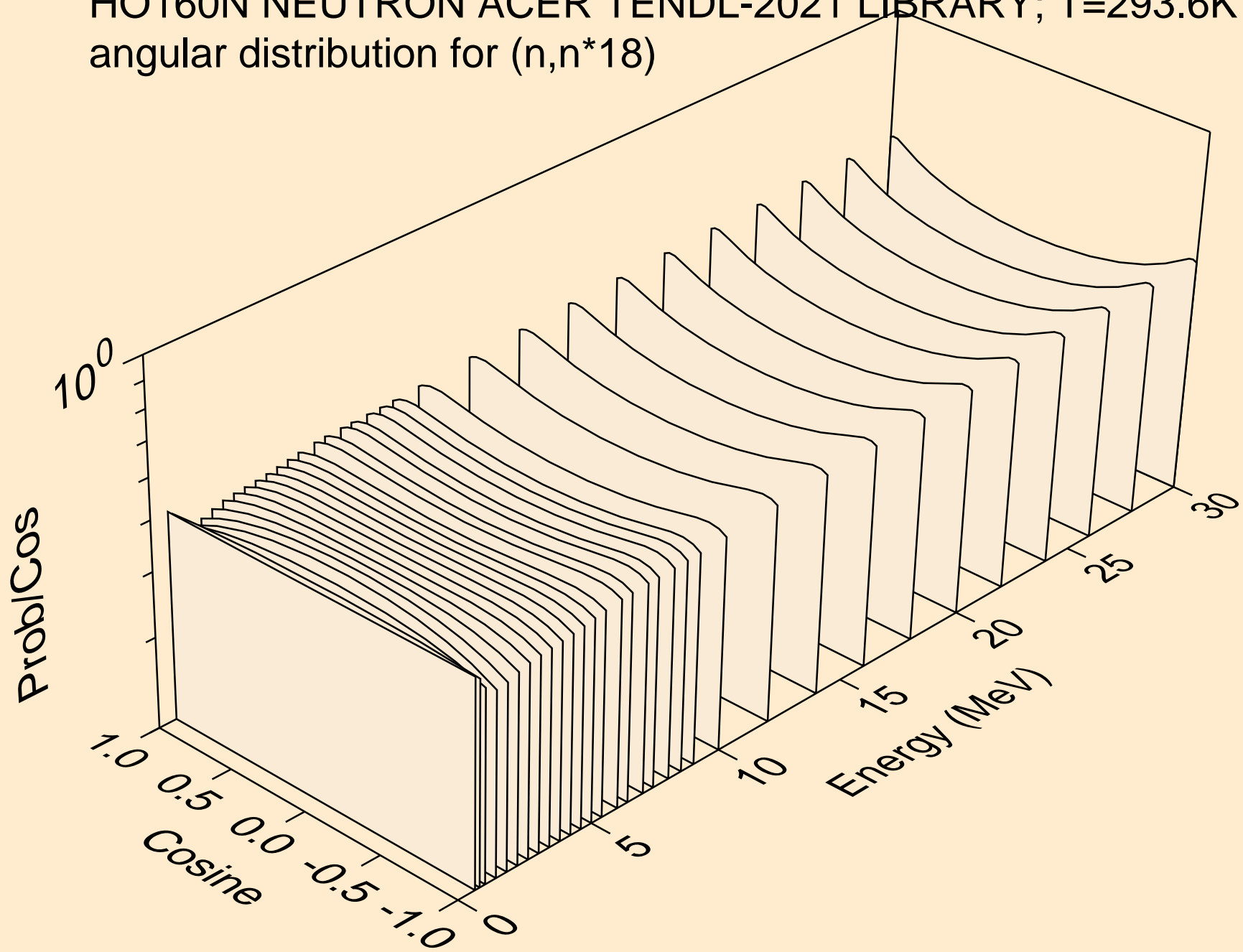
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)

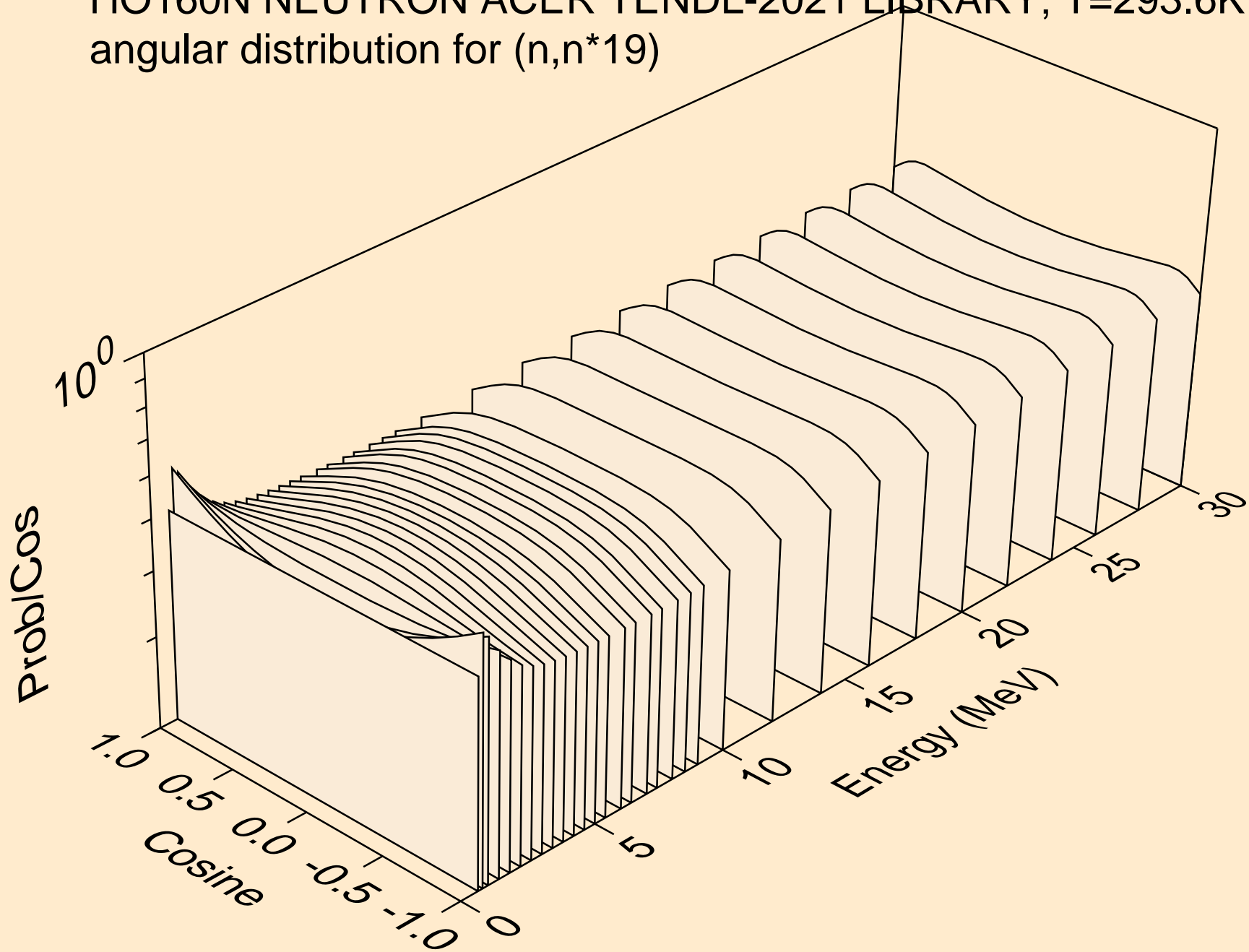


HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)

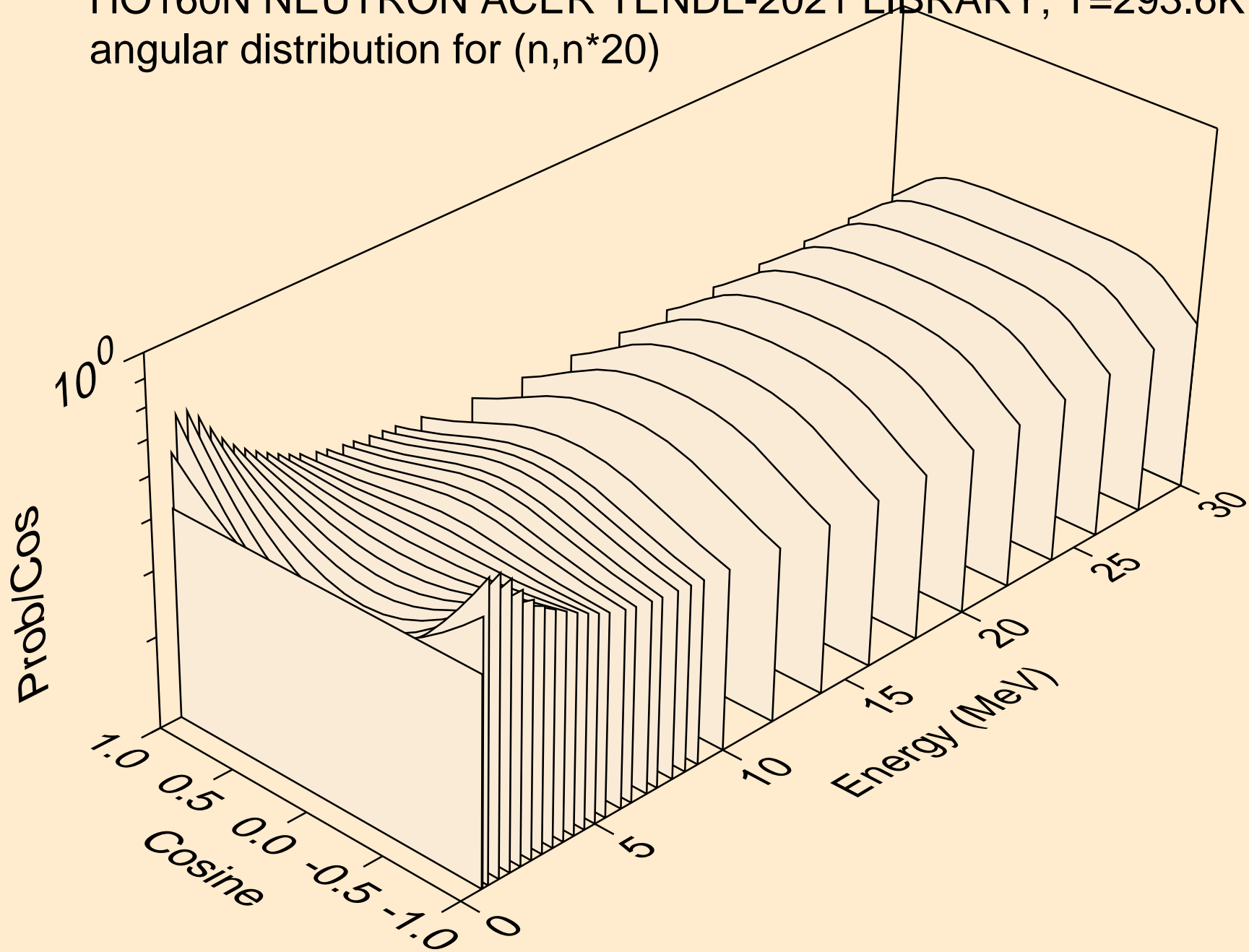




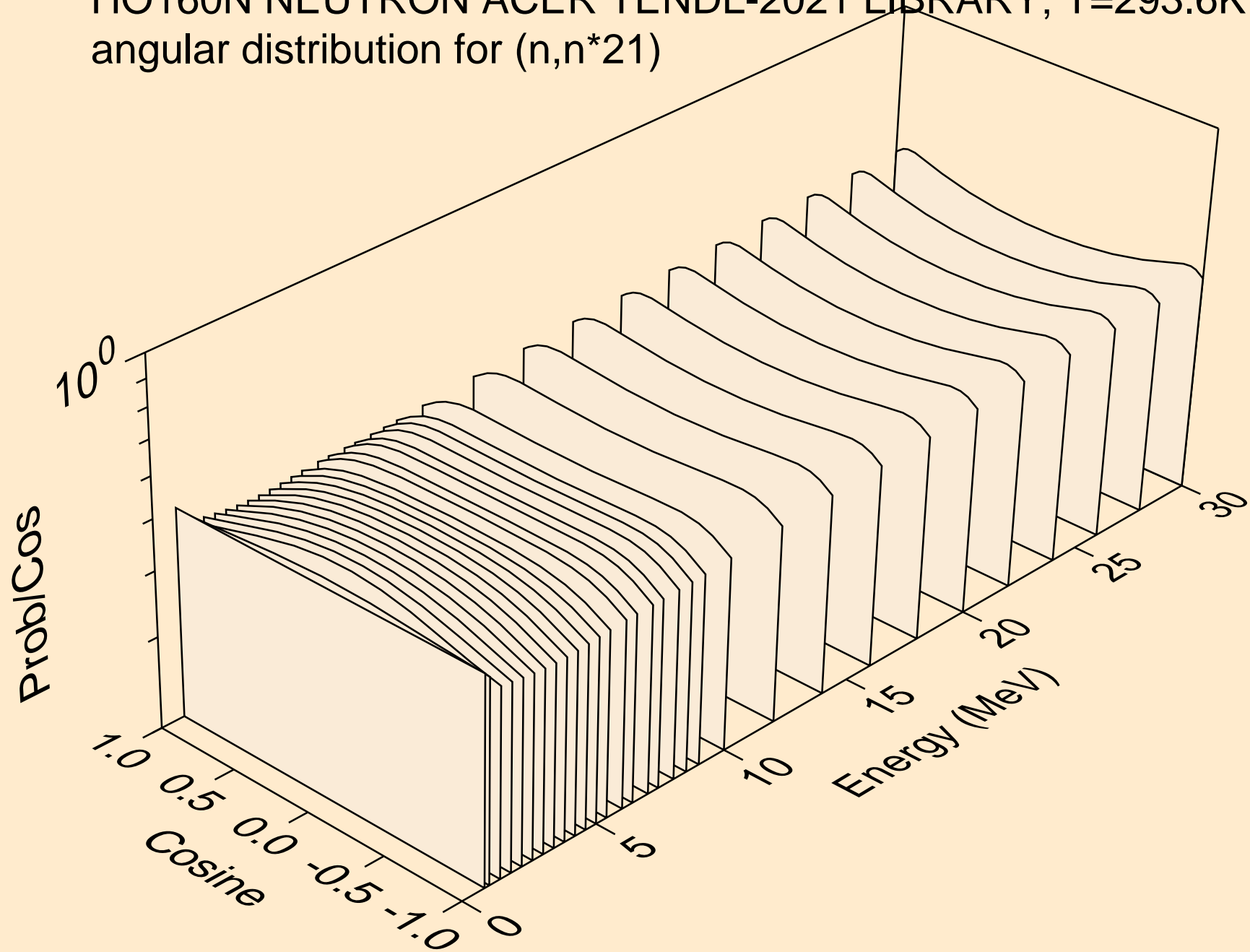
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



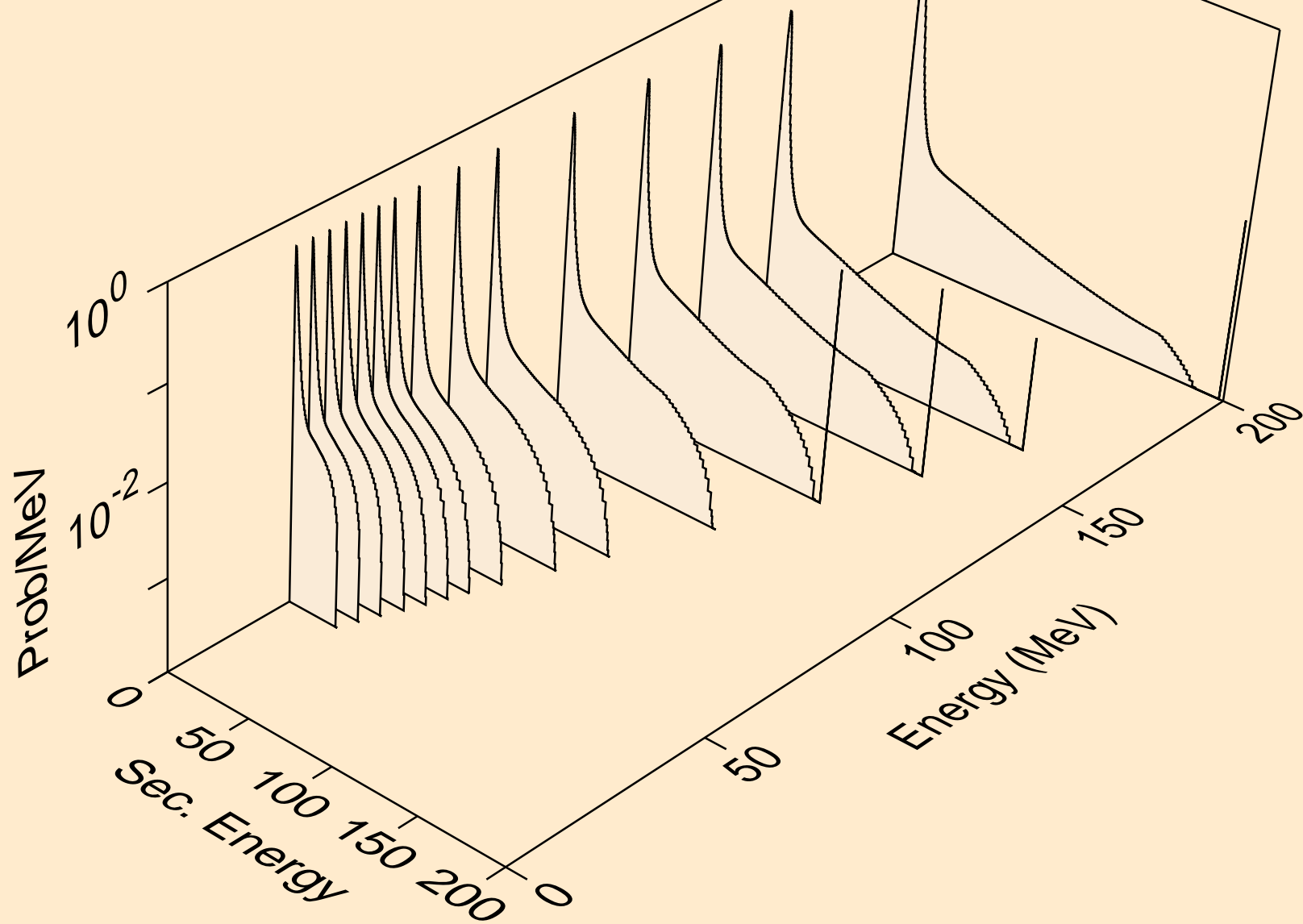
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angular distribution for (n,n\*20)



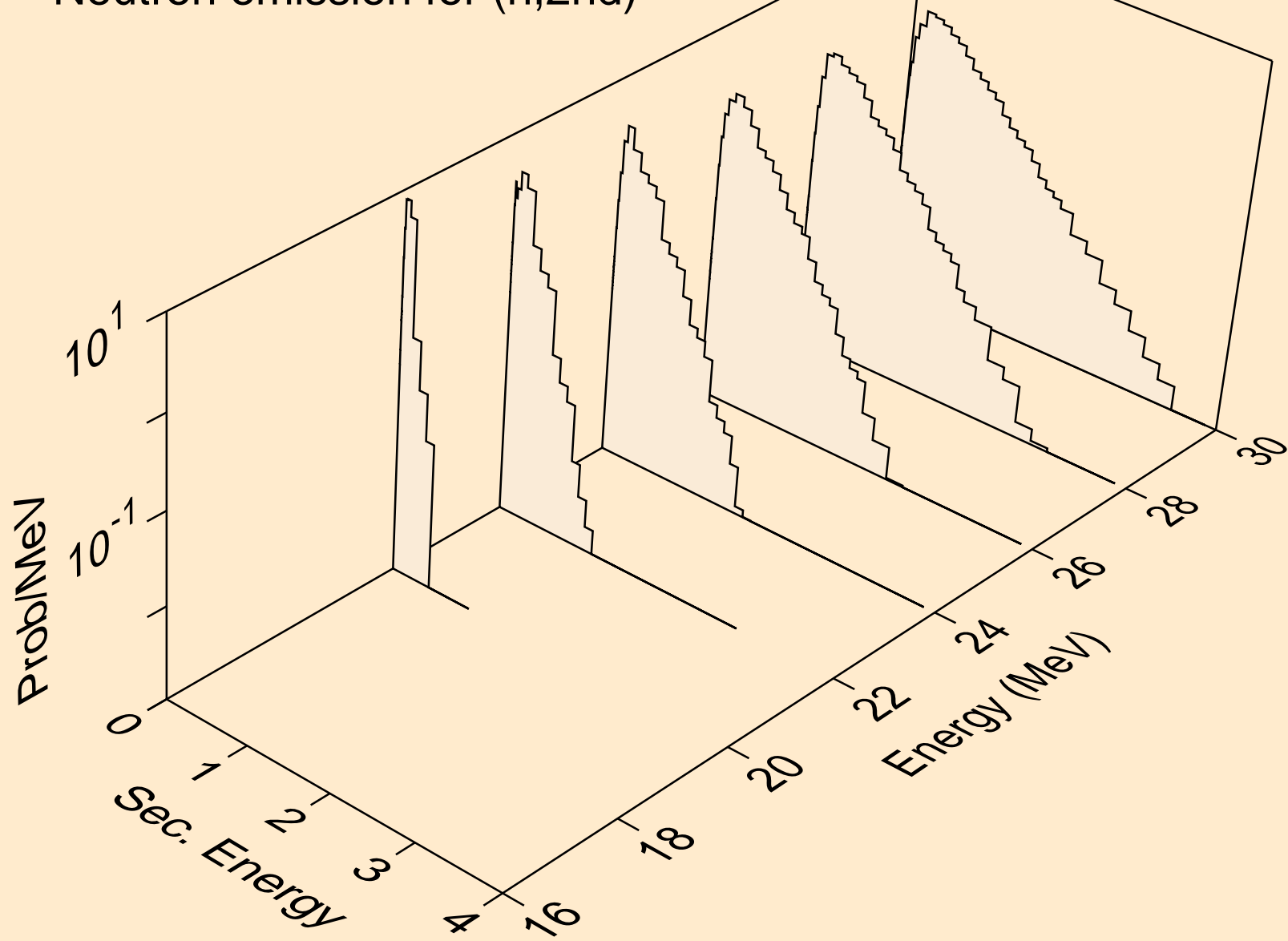
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



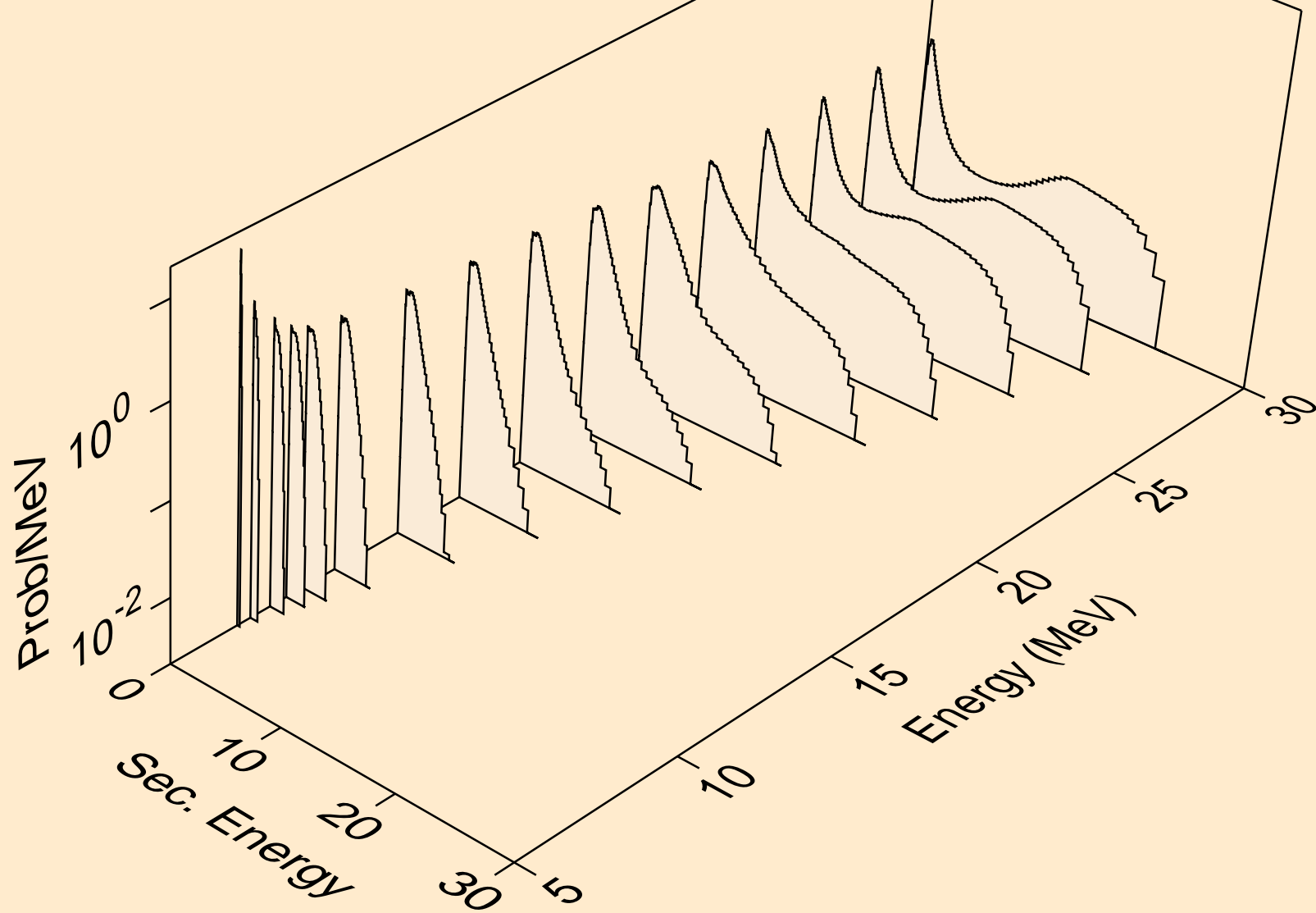
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



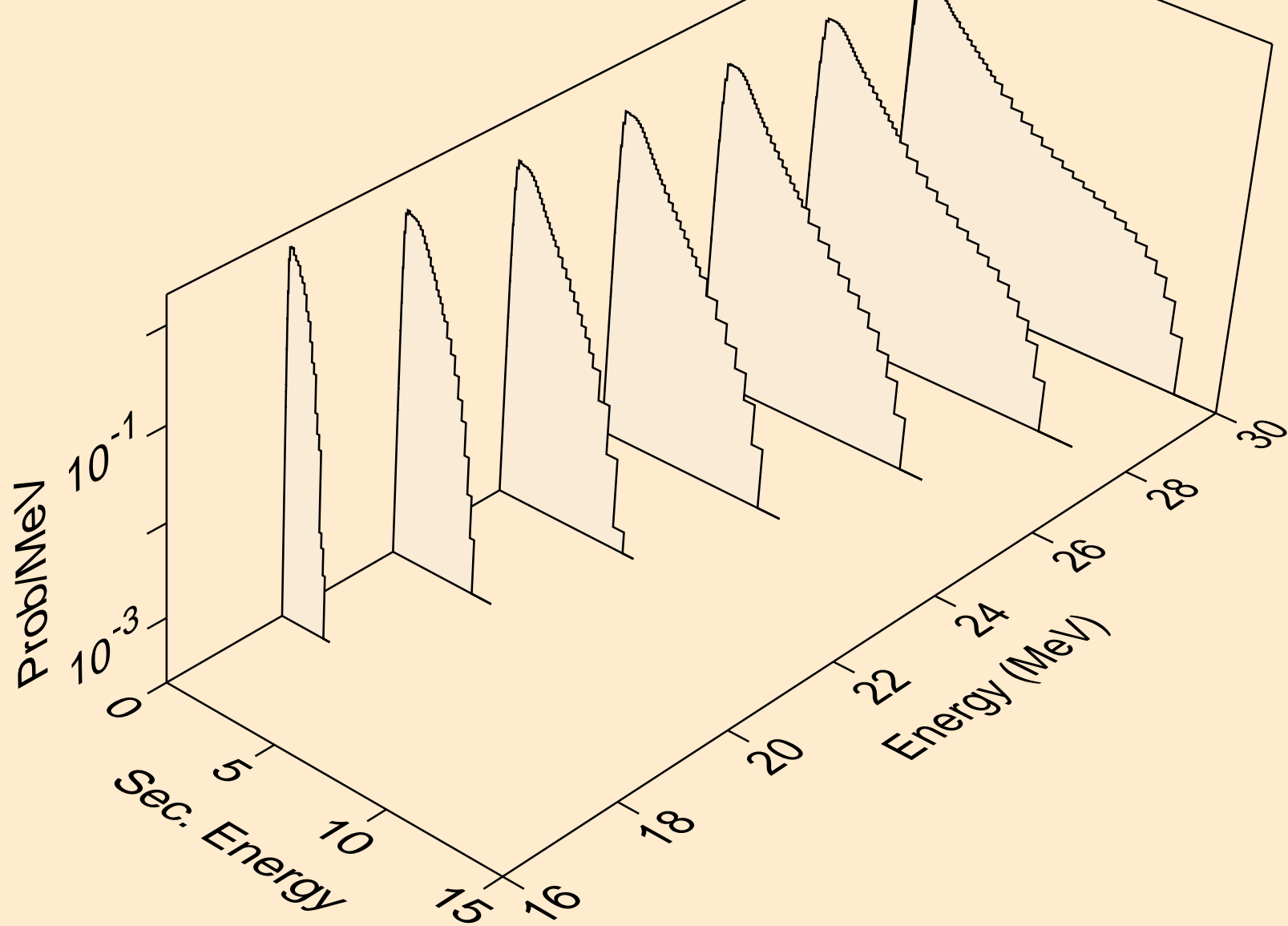
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



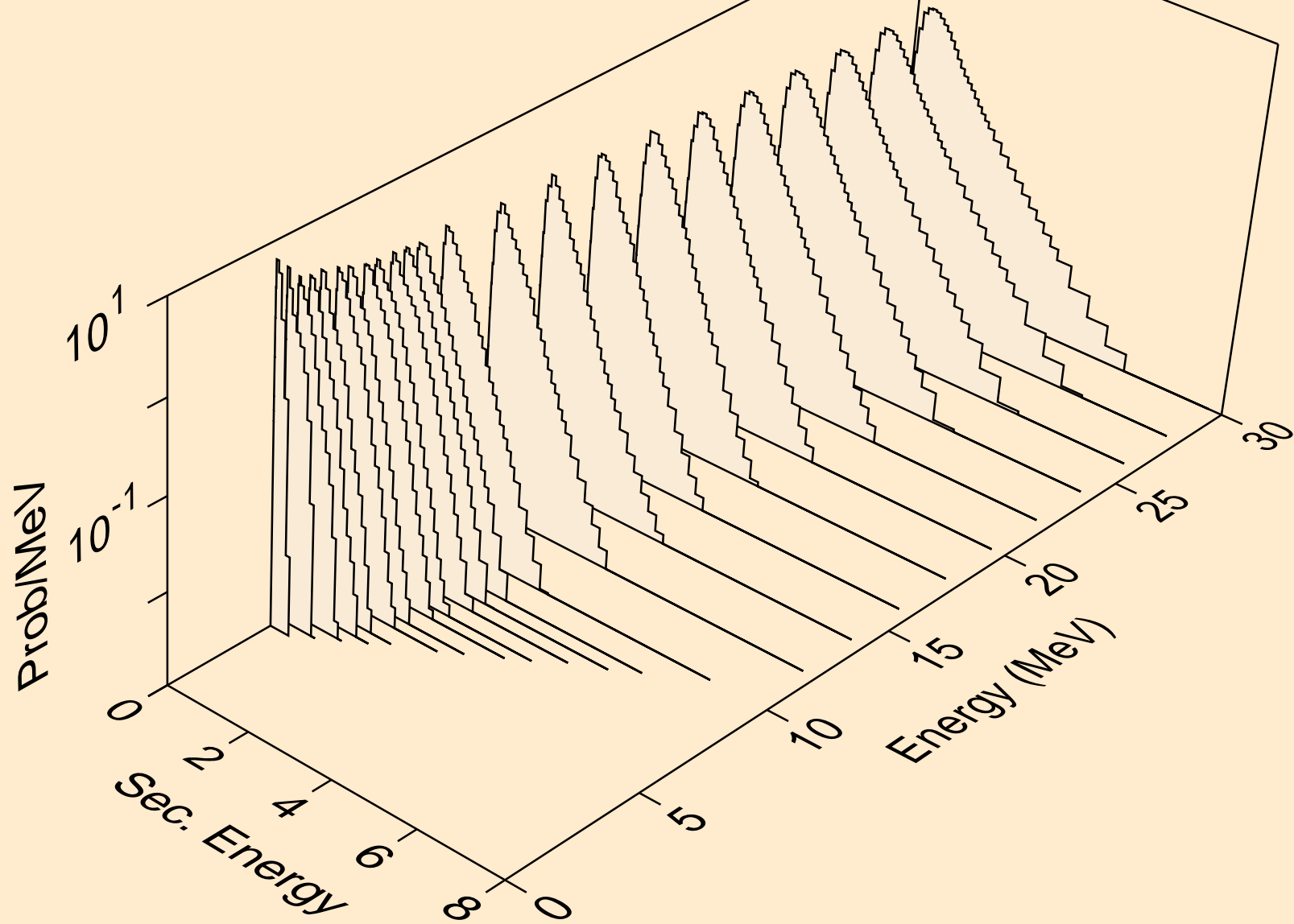
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

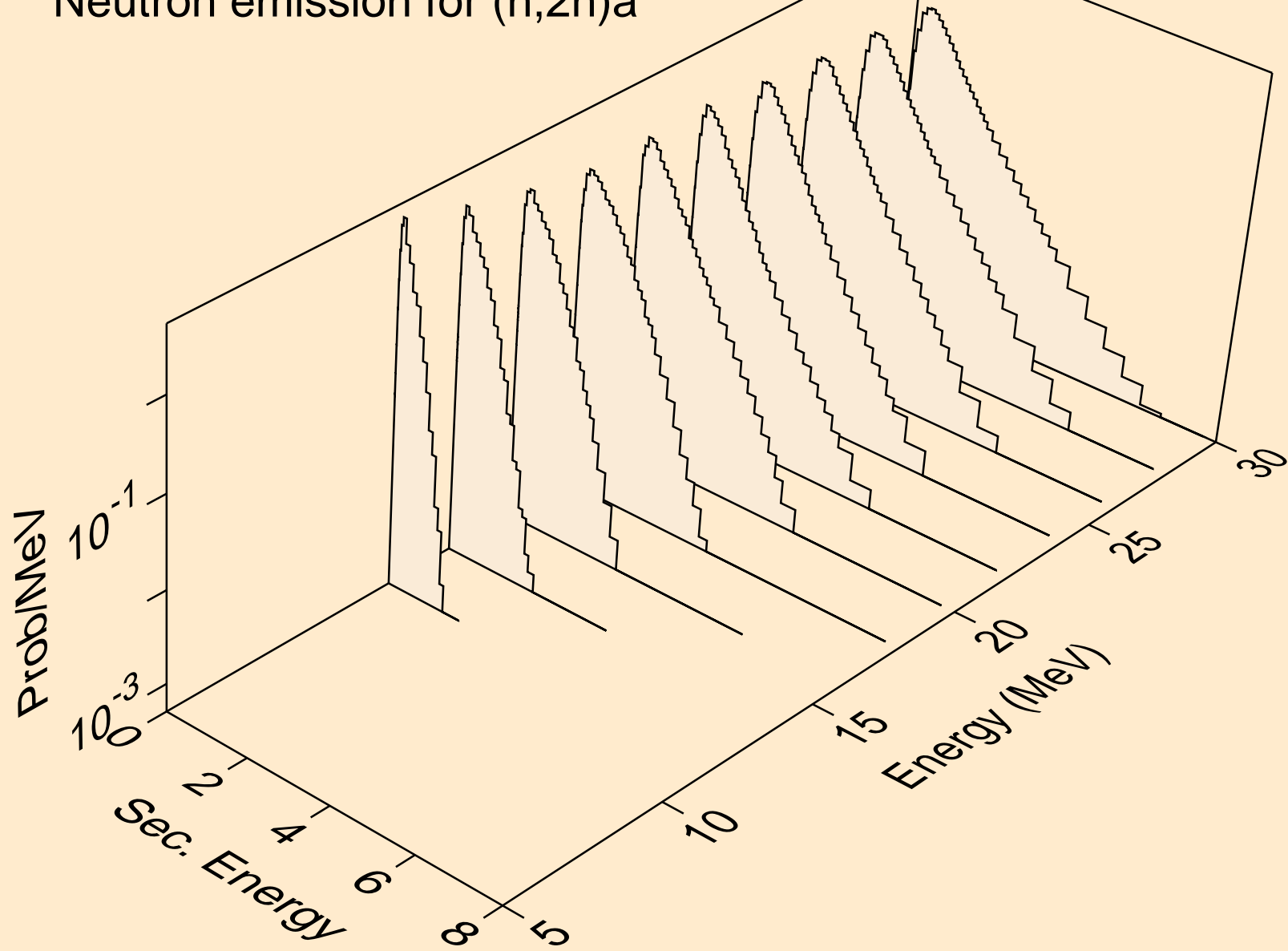


HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a

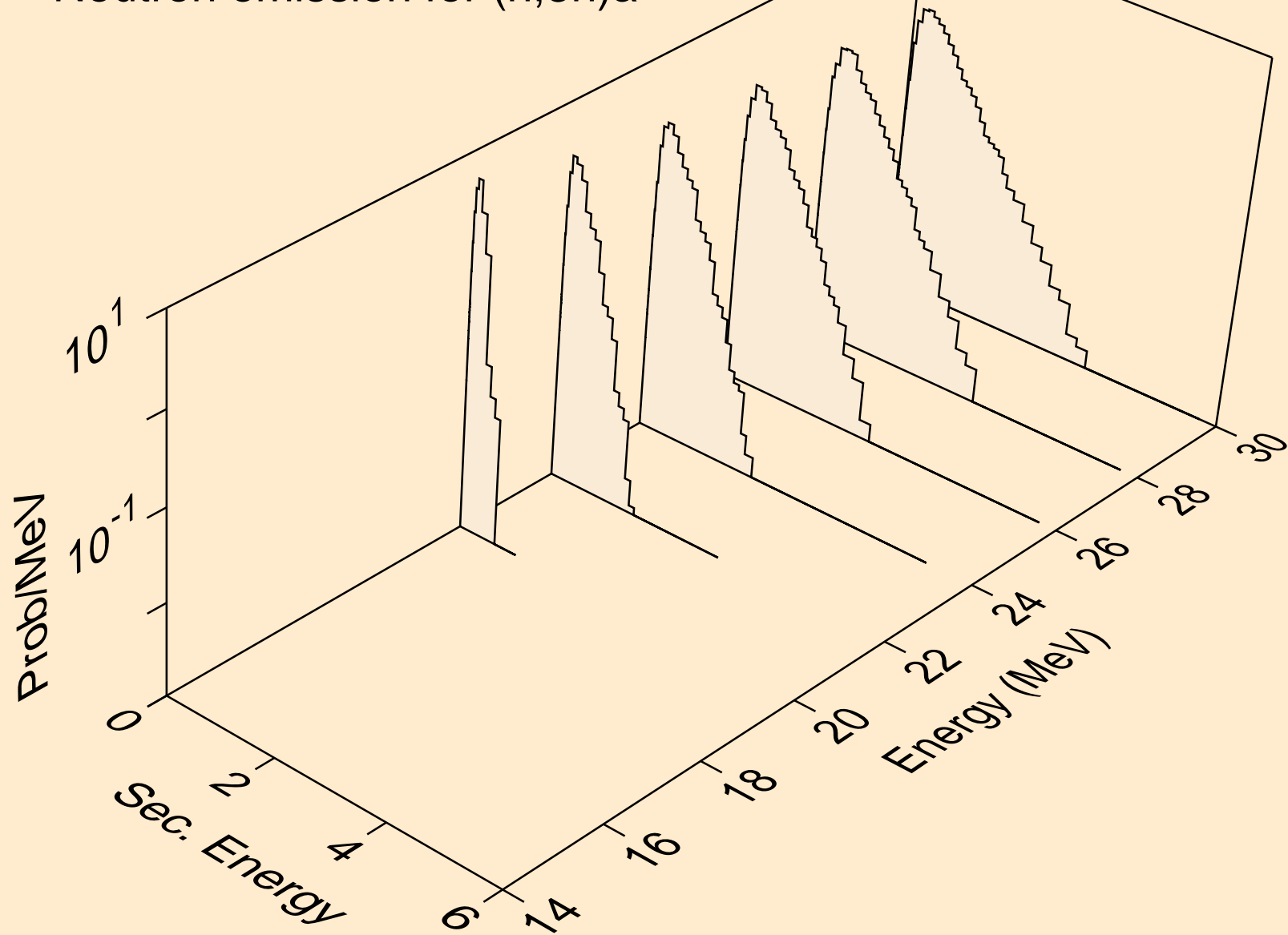




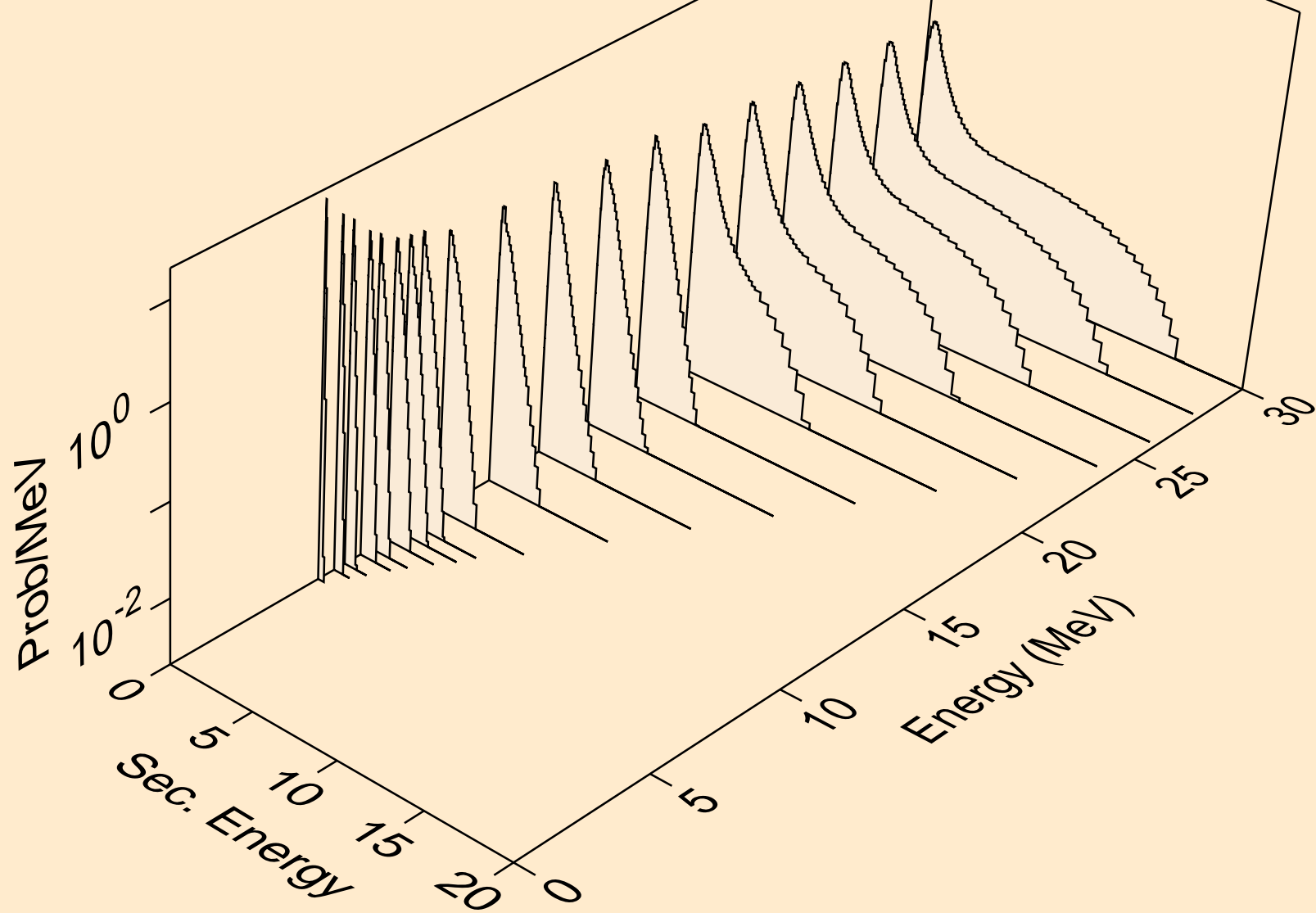
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



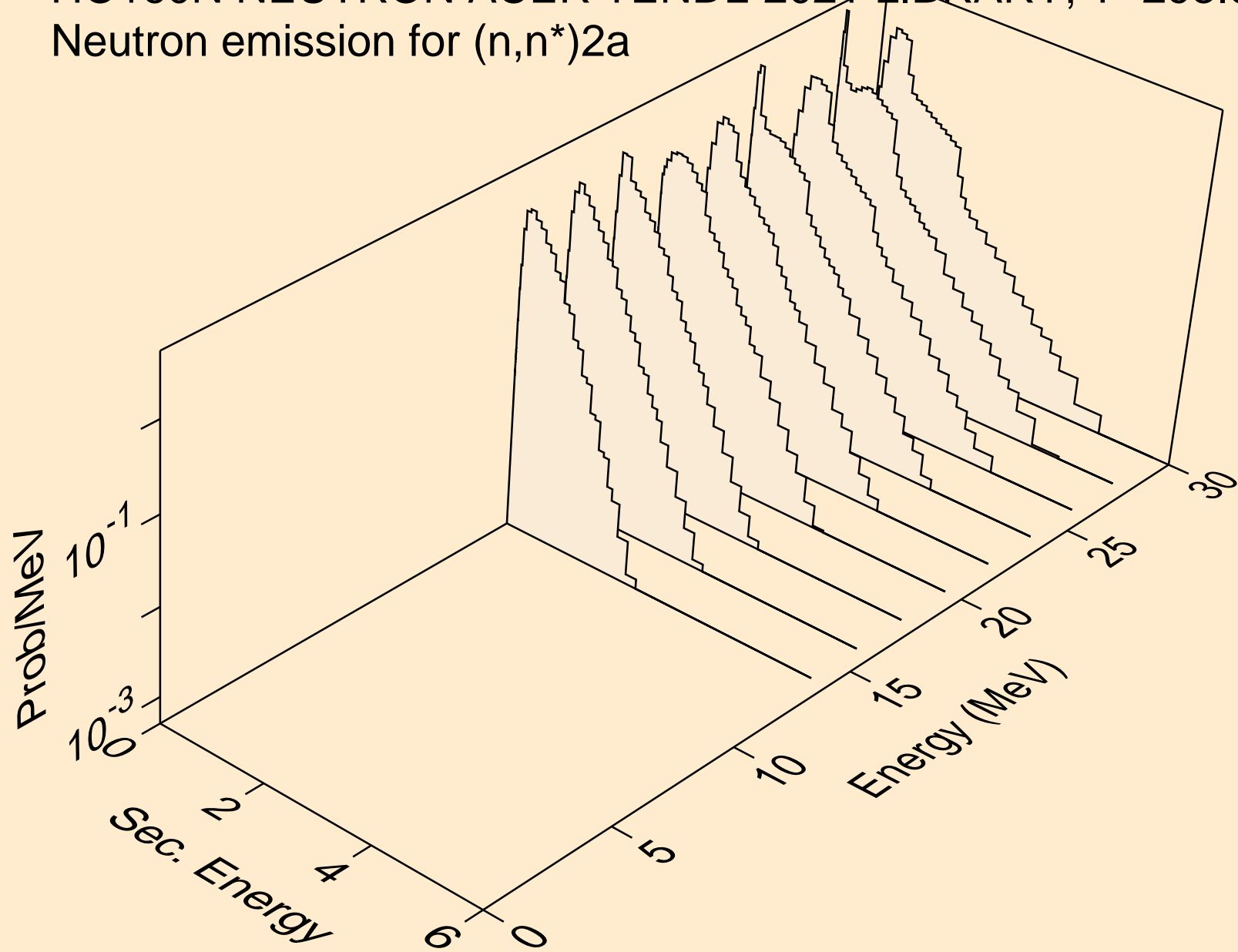
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



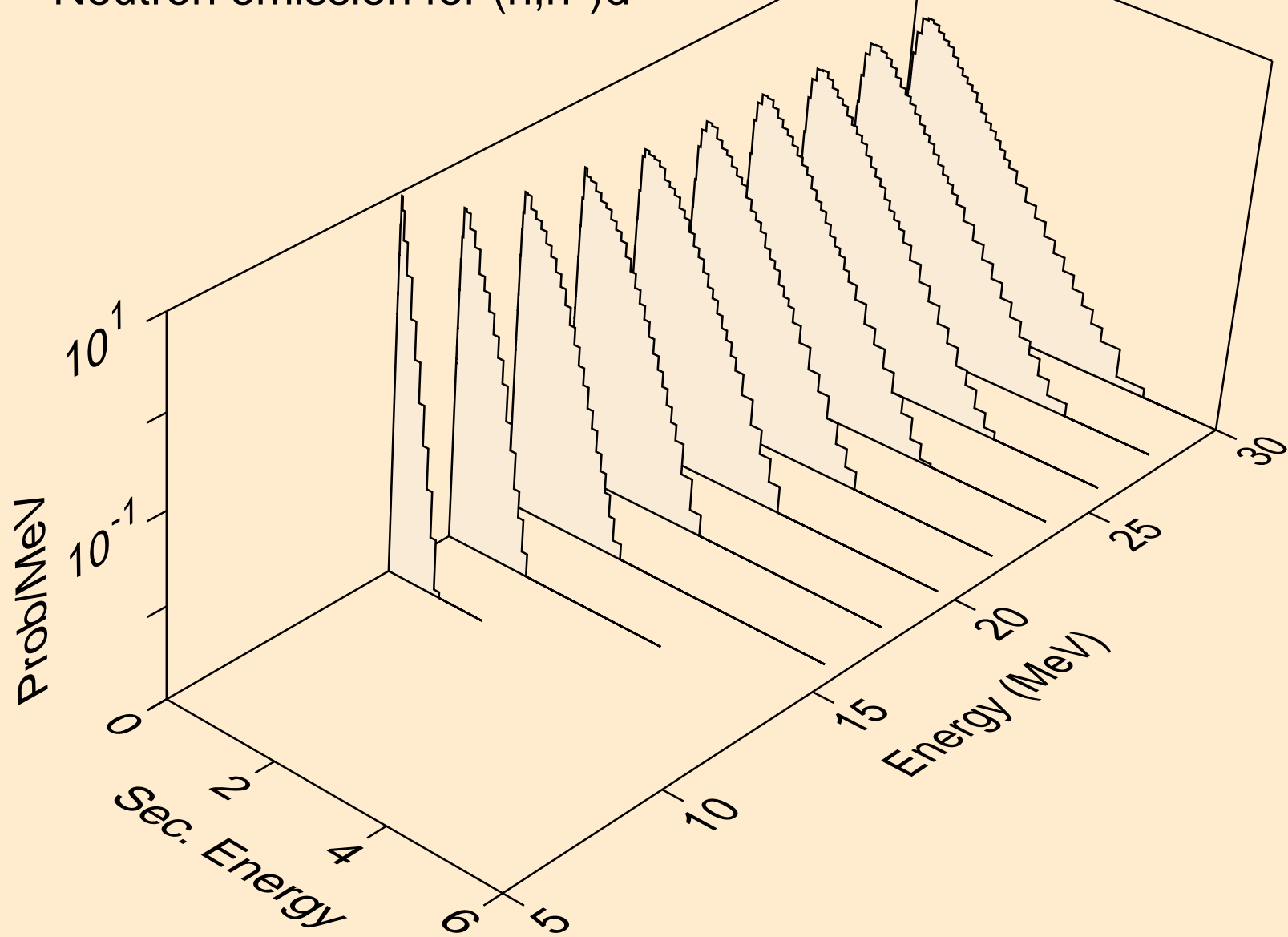
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



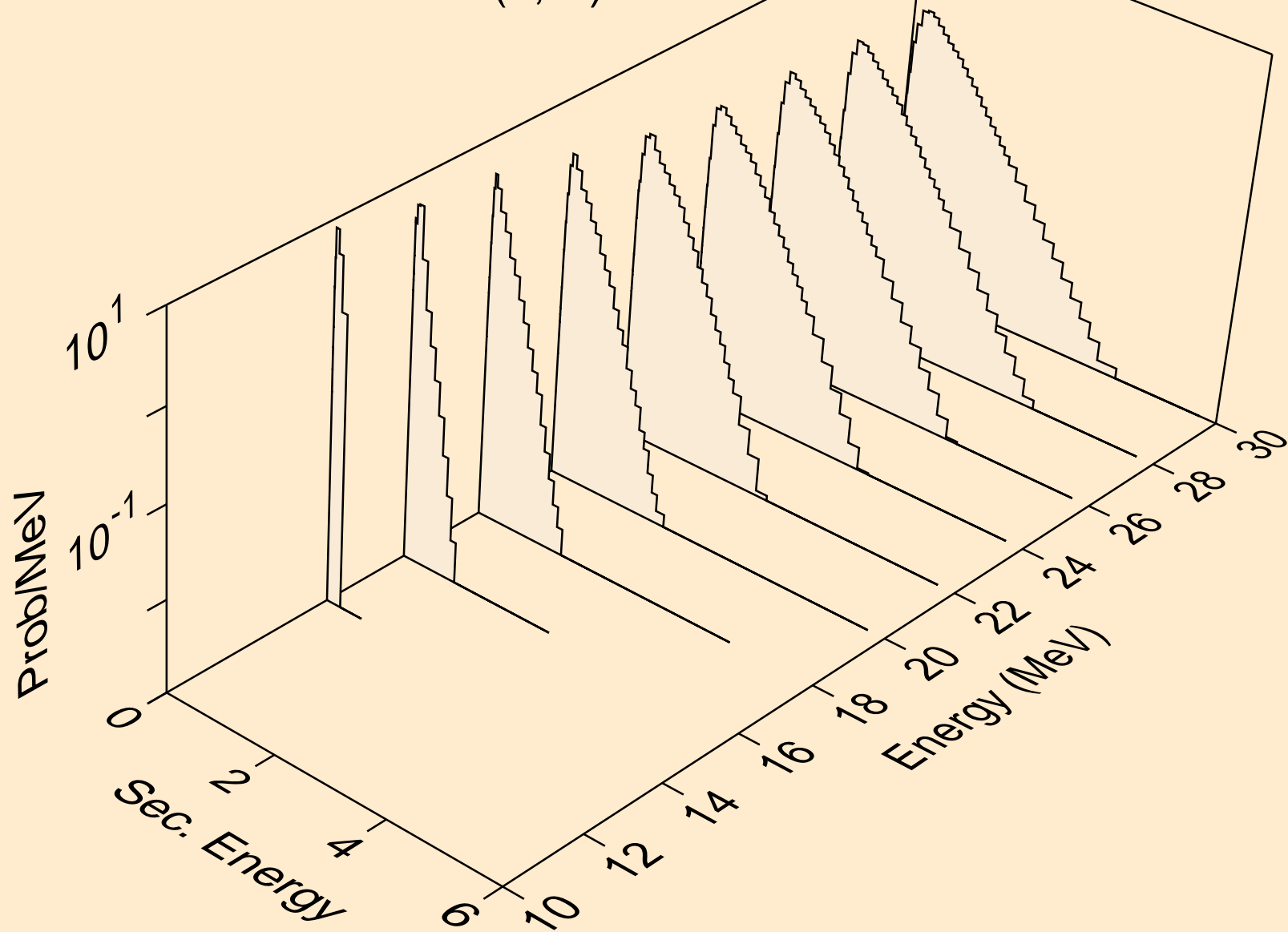
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



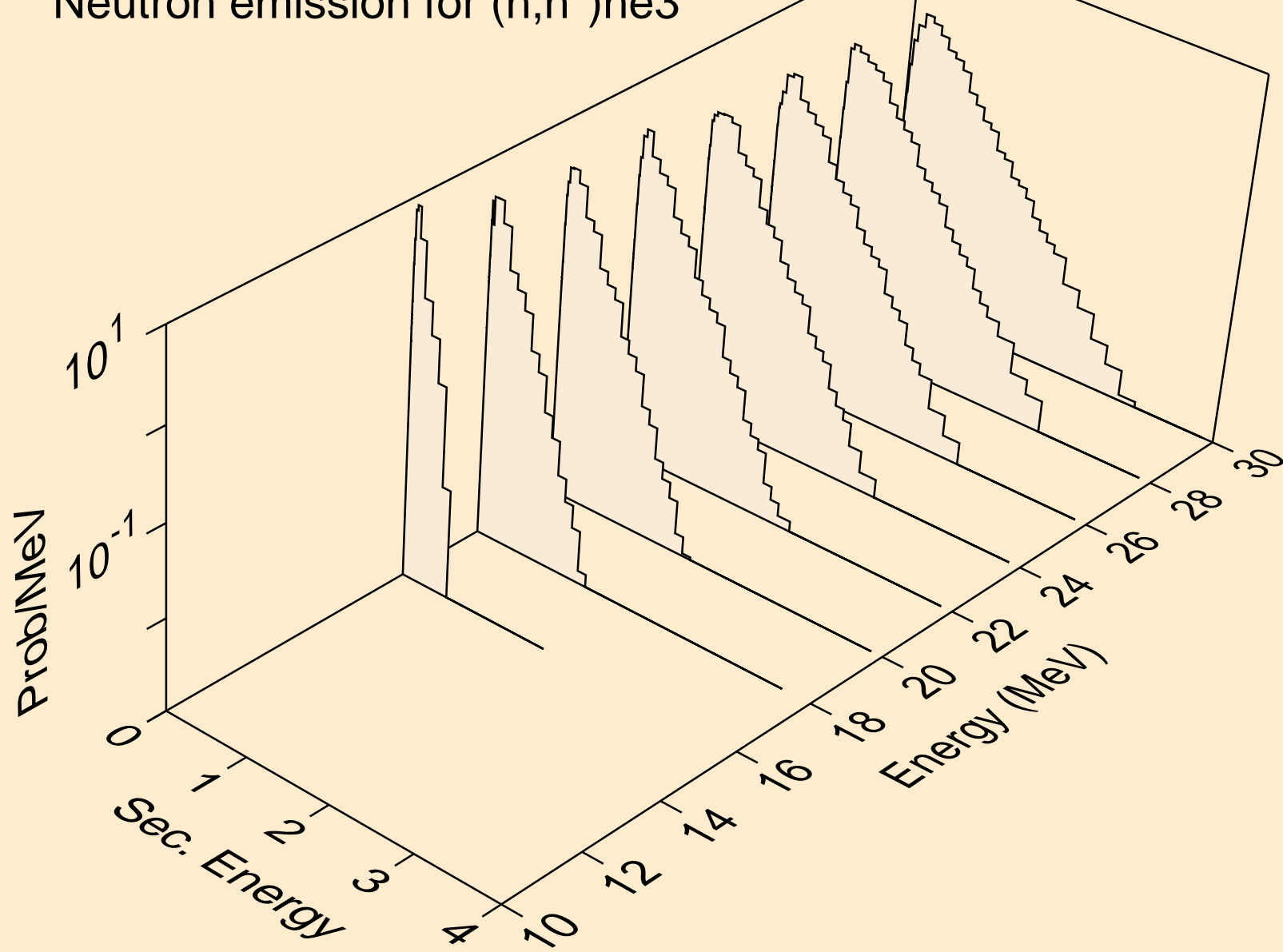
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



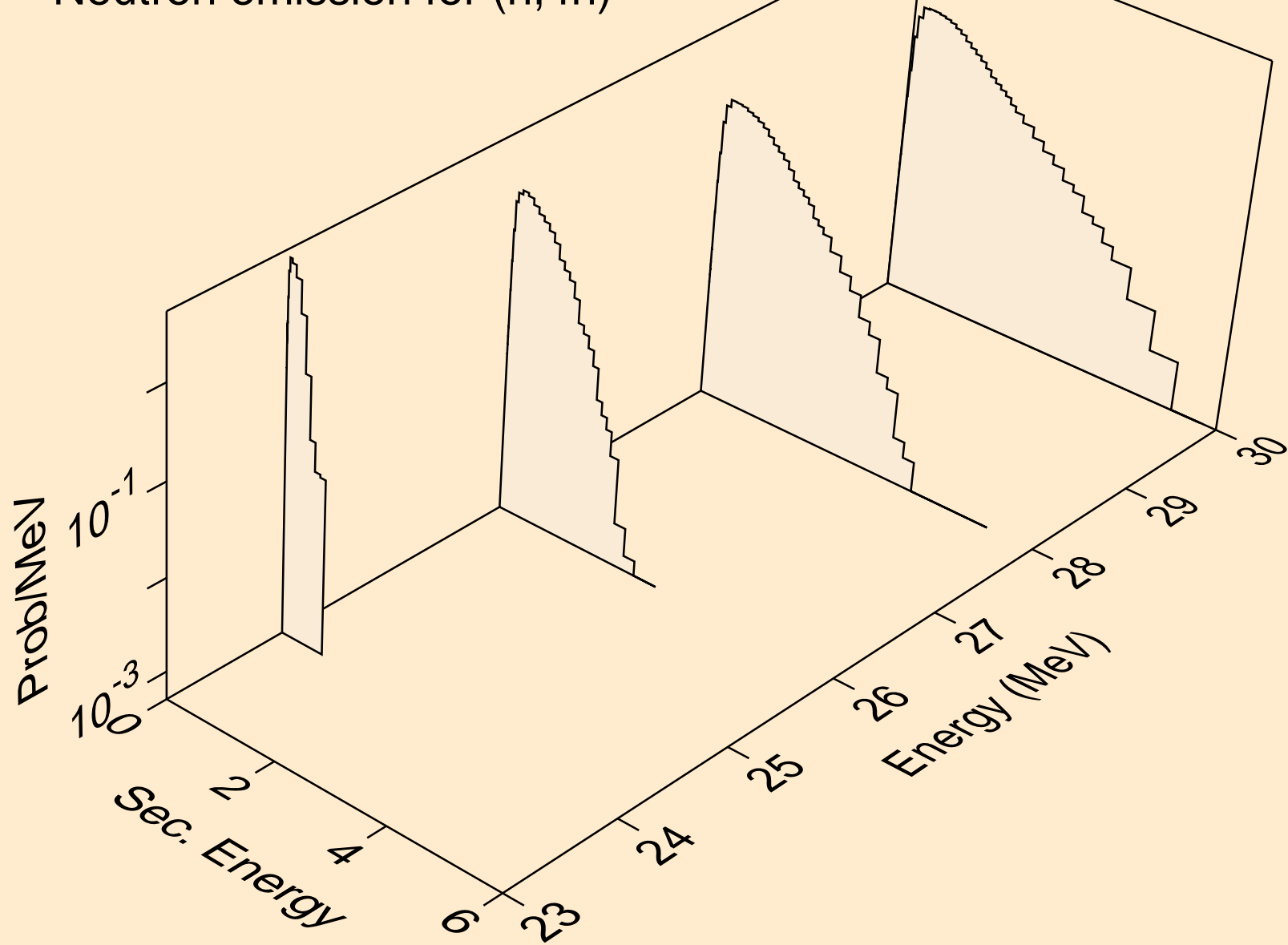
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3

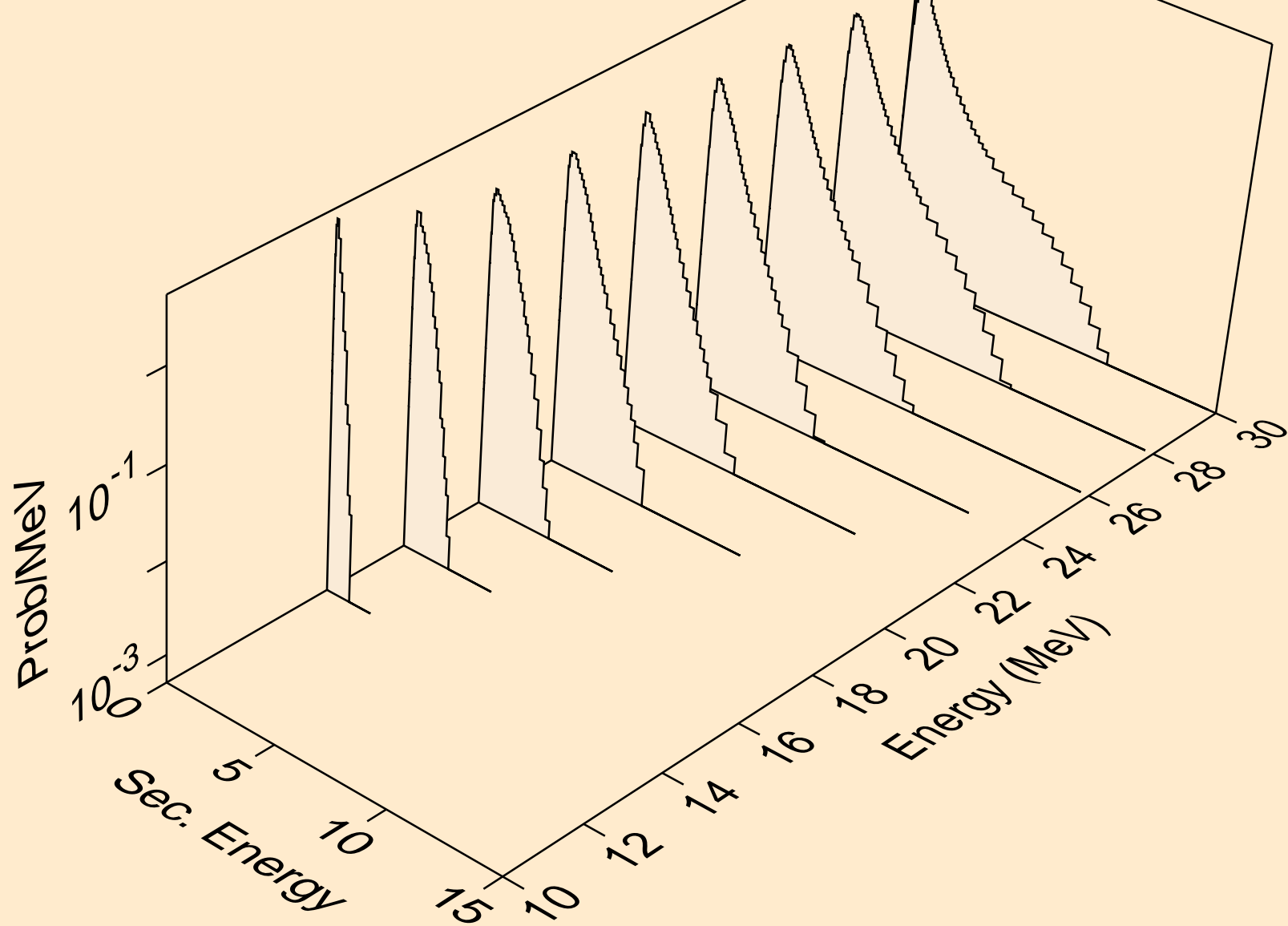


HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)

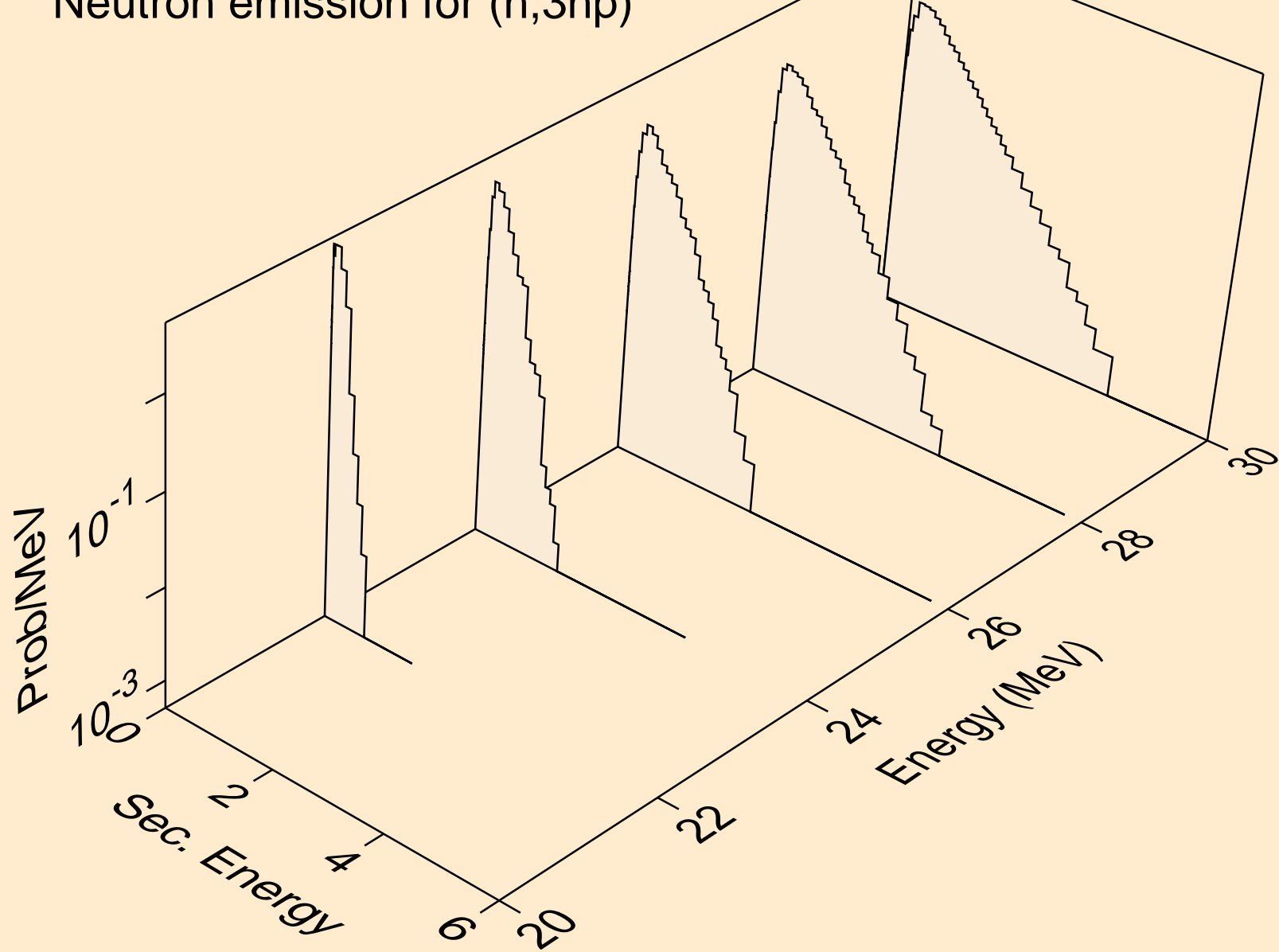




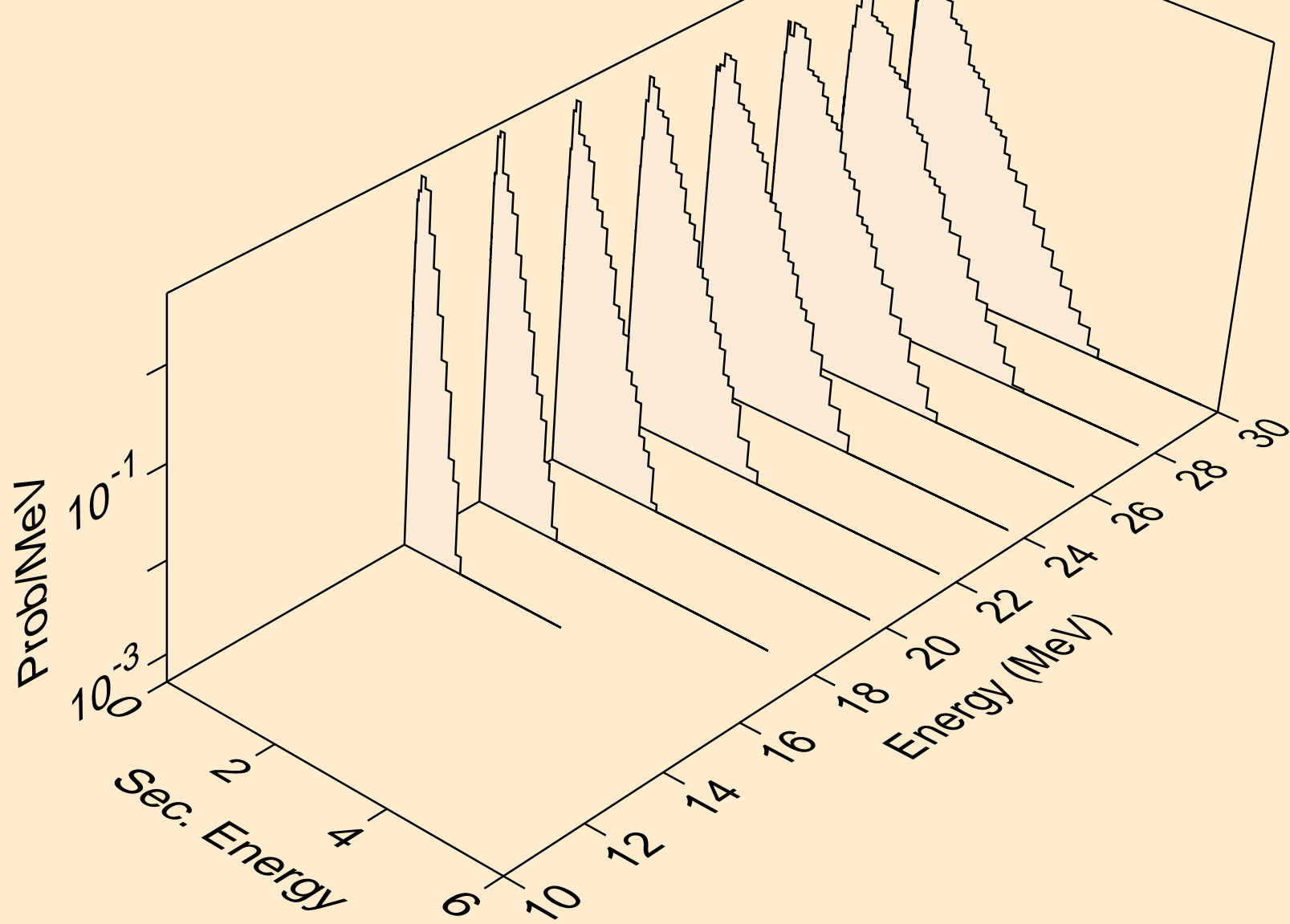
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



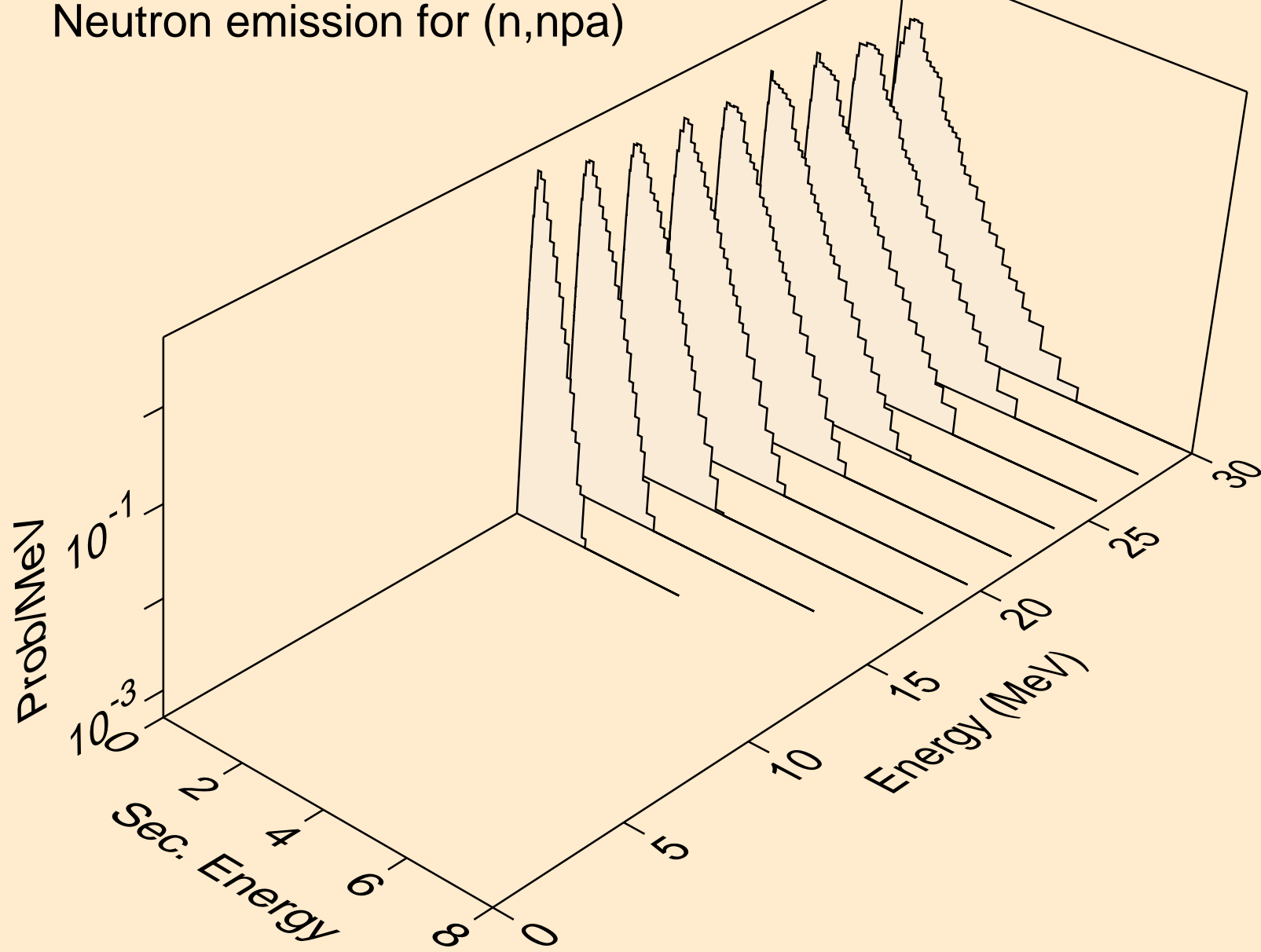
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



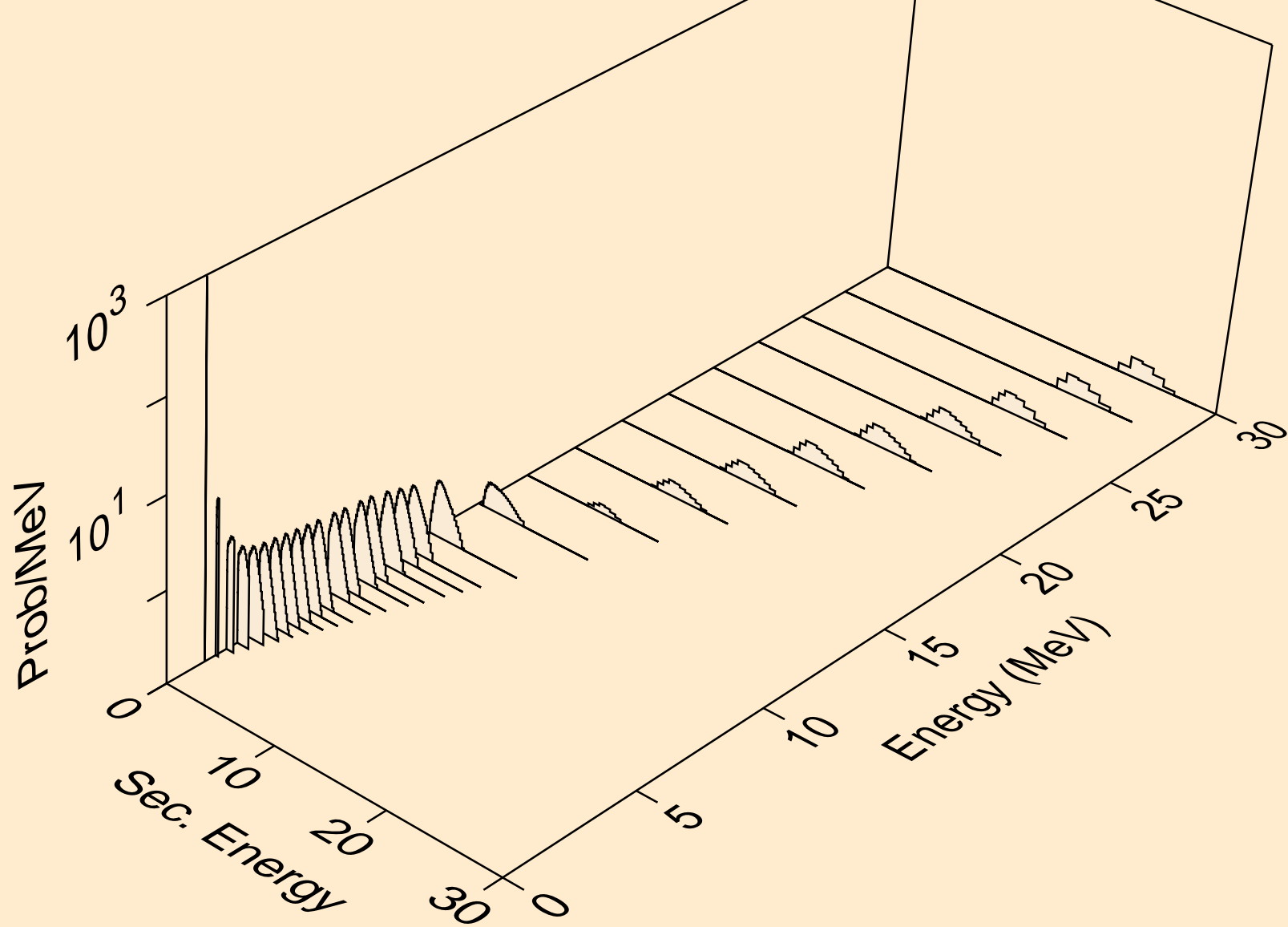
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



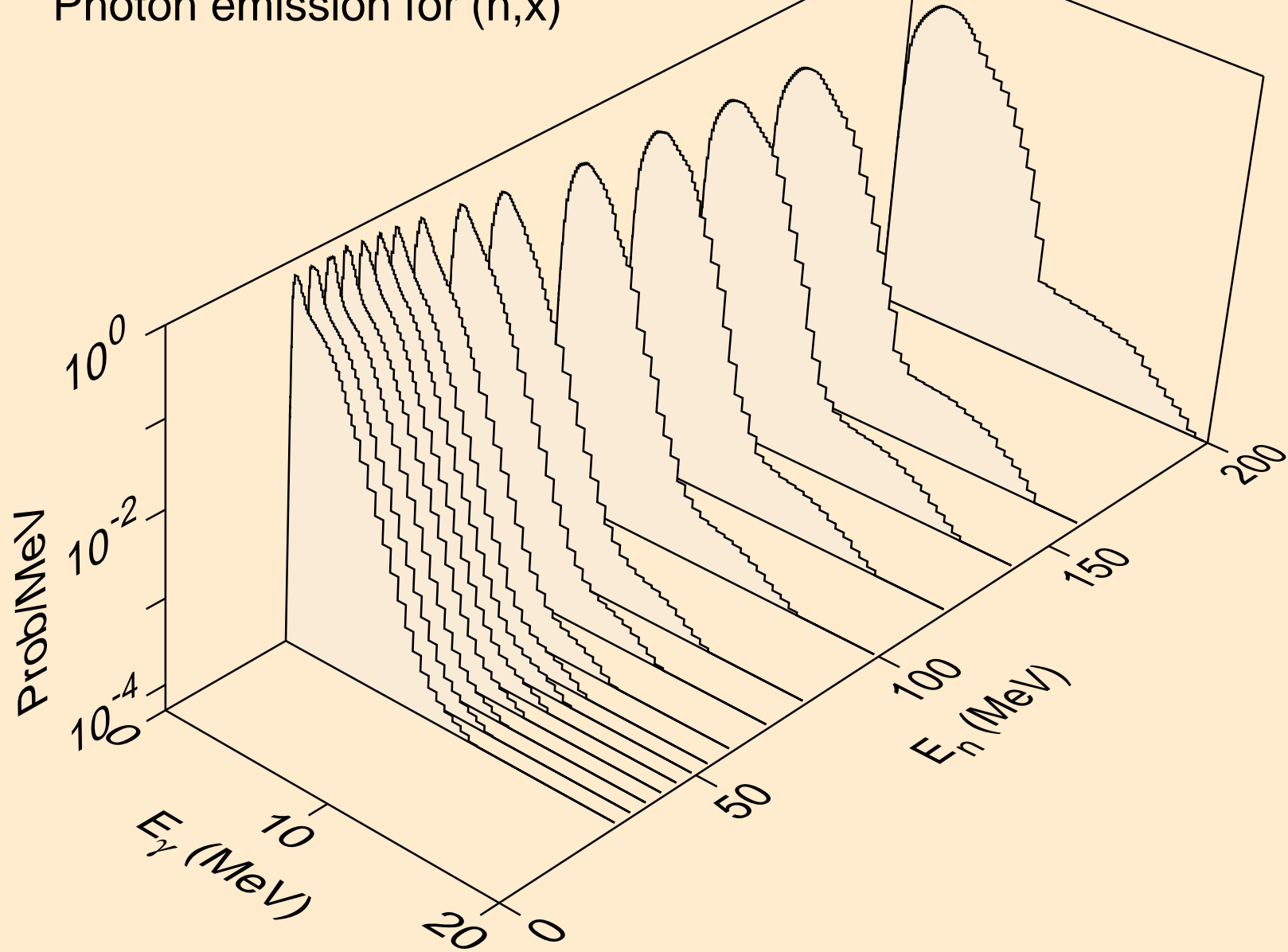
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



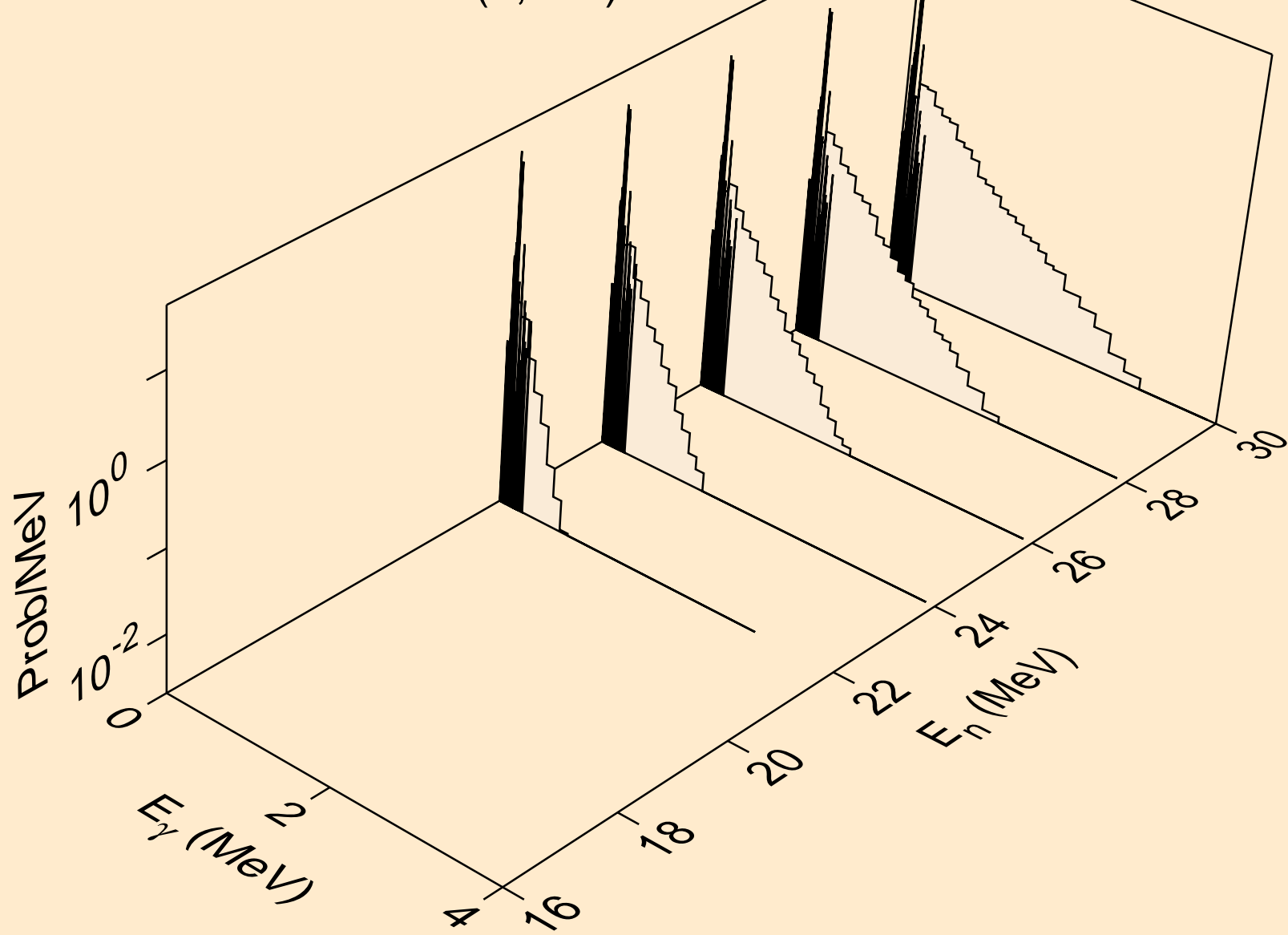
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



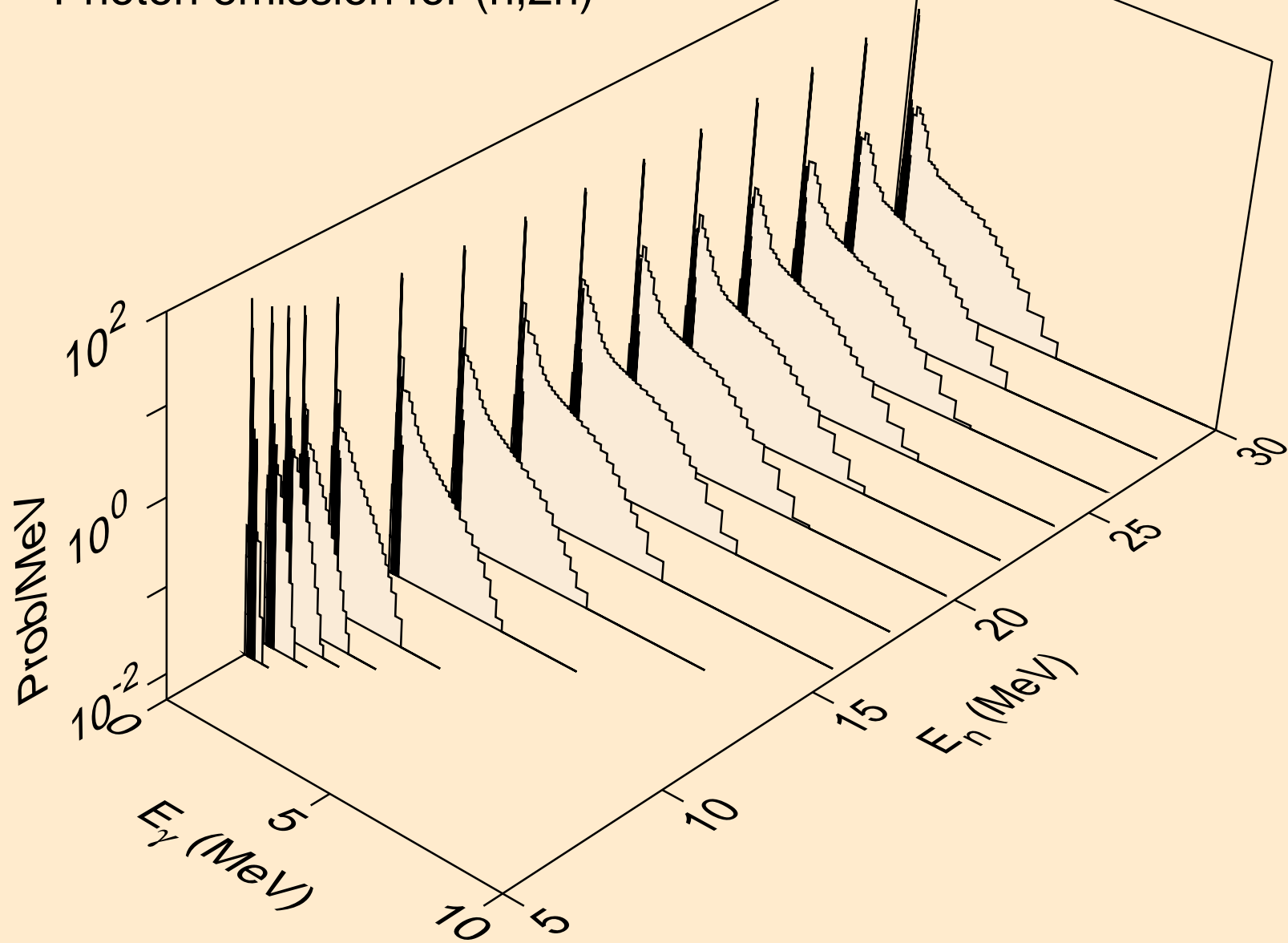
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)

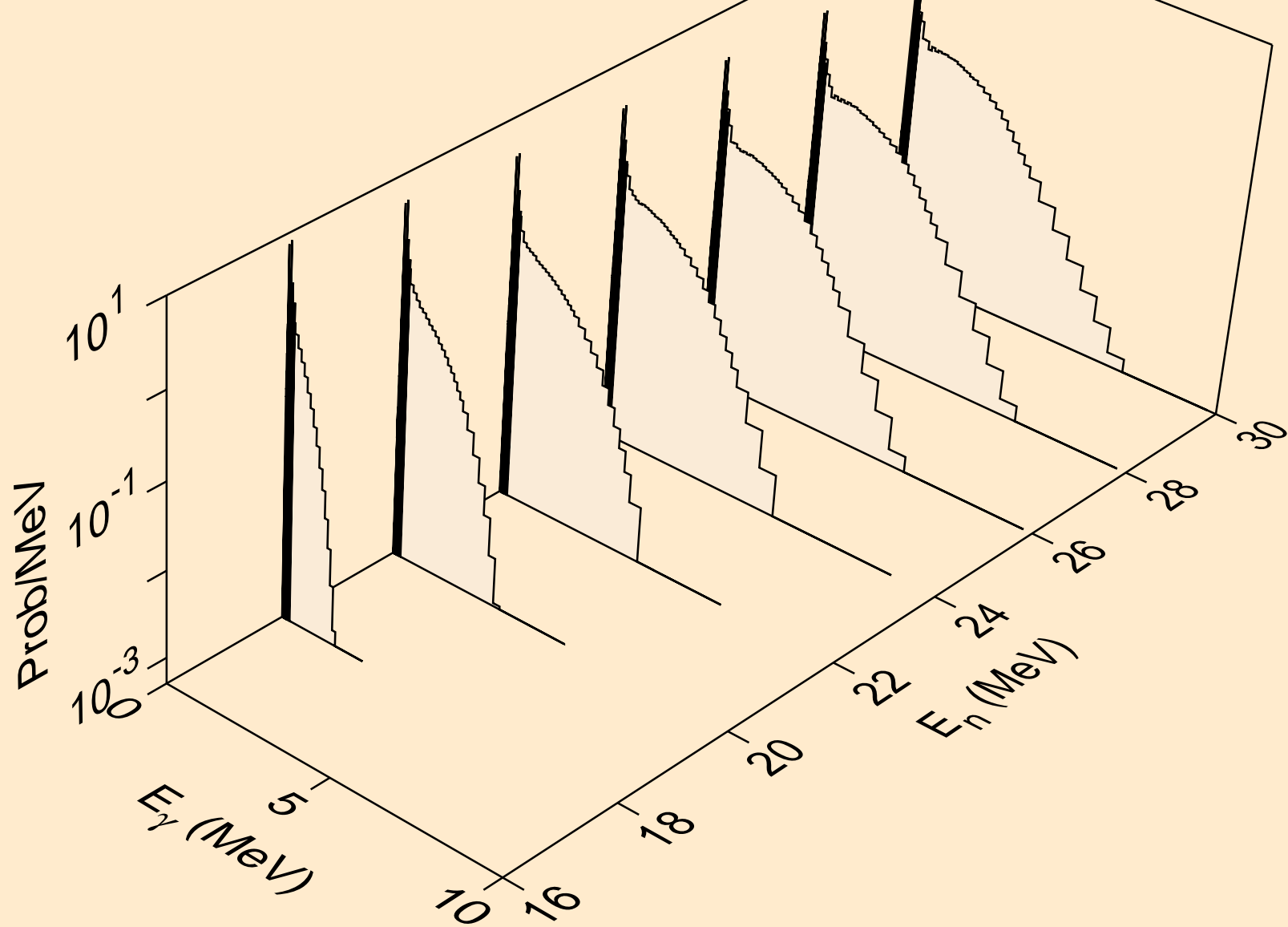


HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)

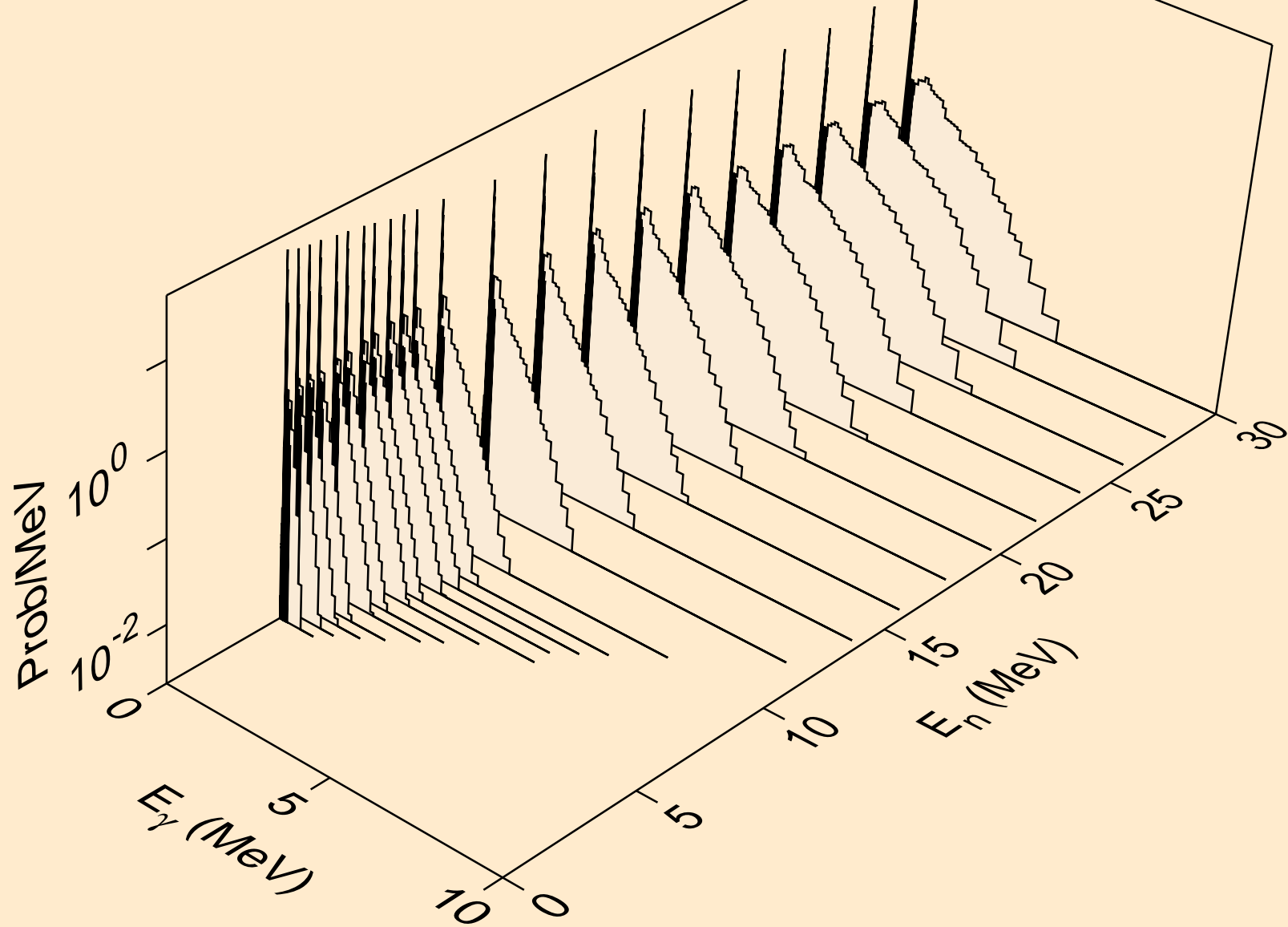




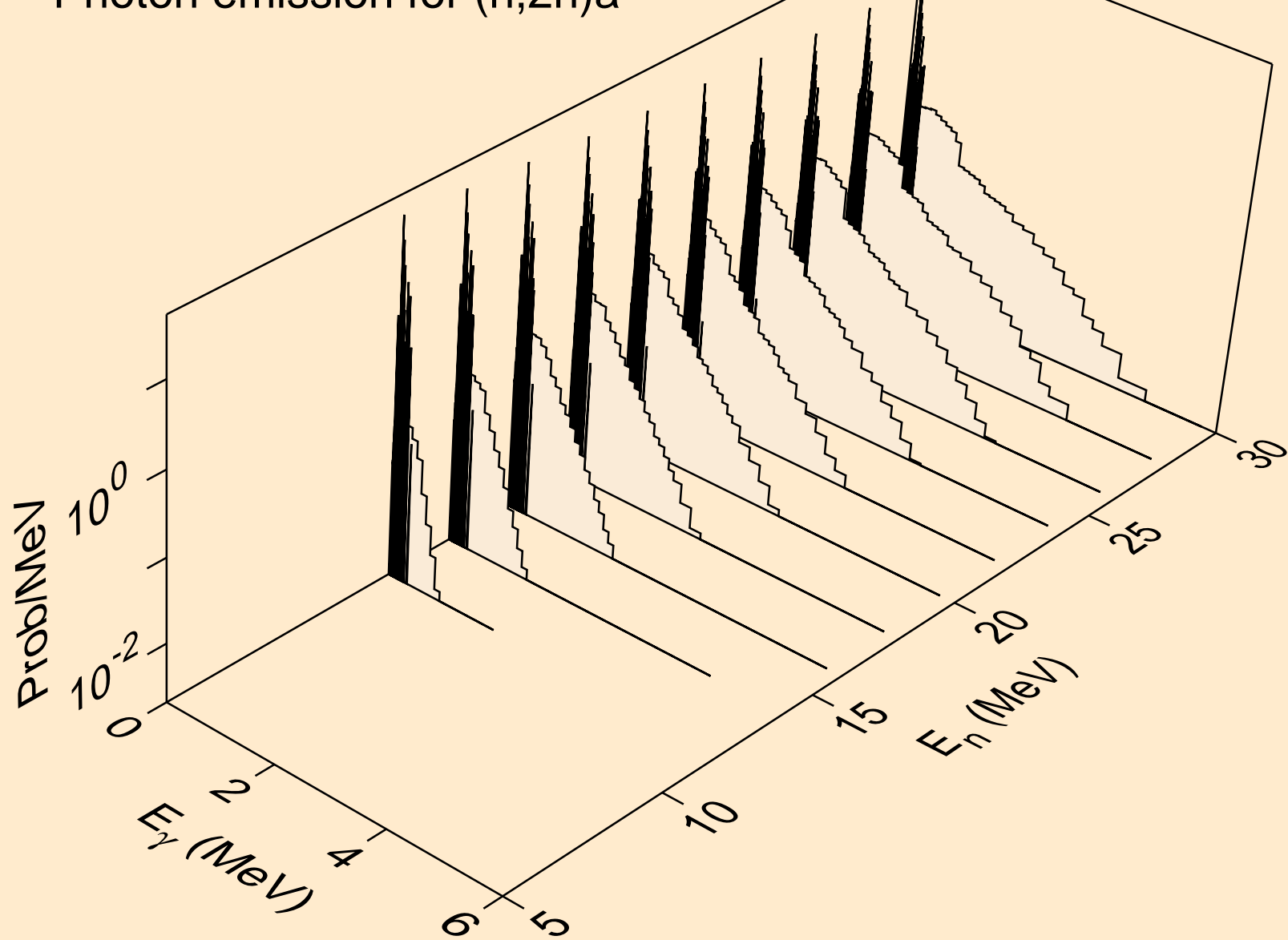
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Photon emission for (n,3n)



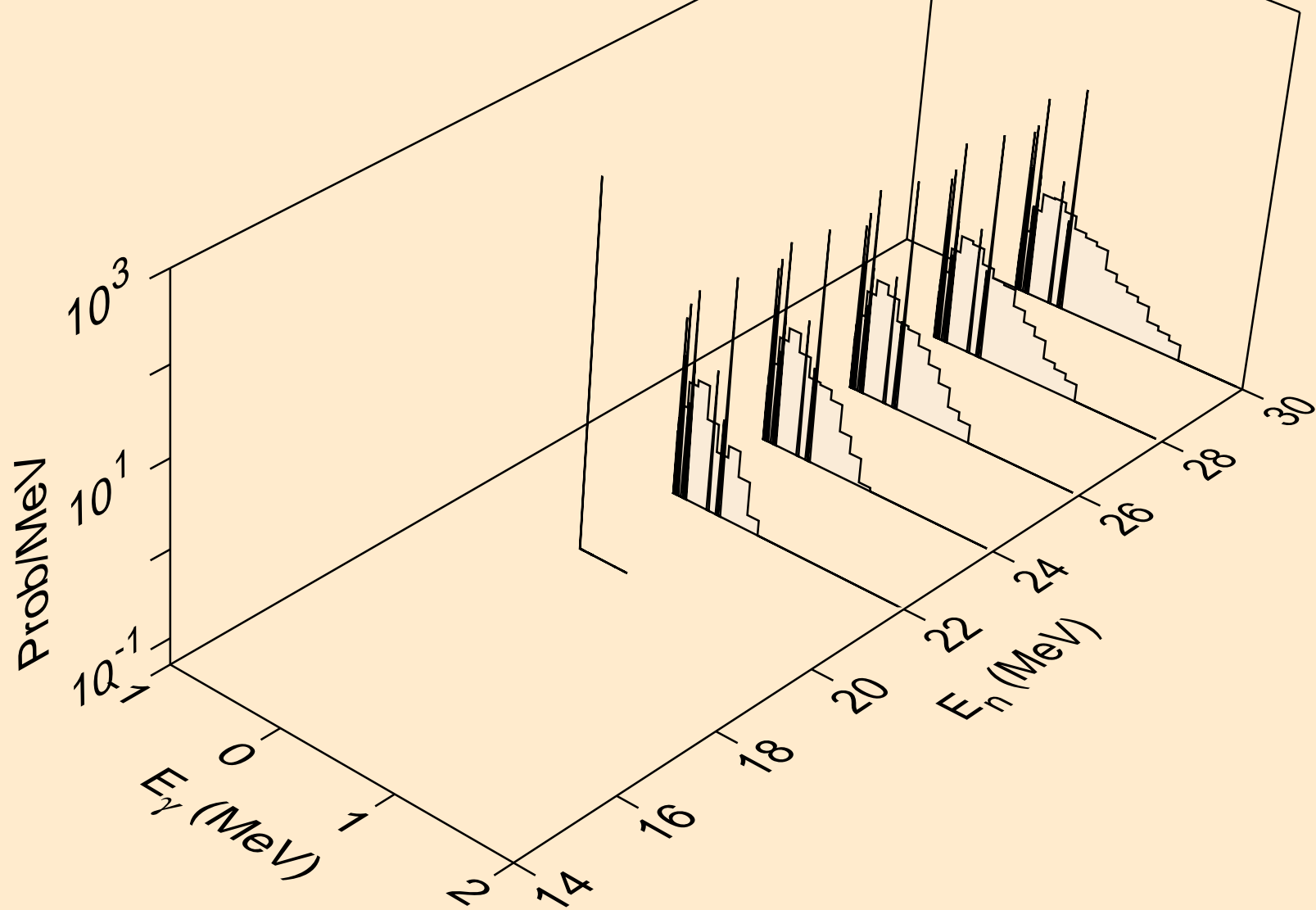
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



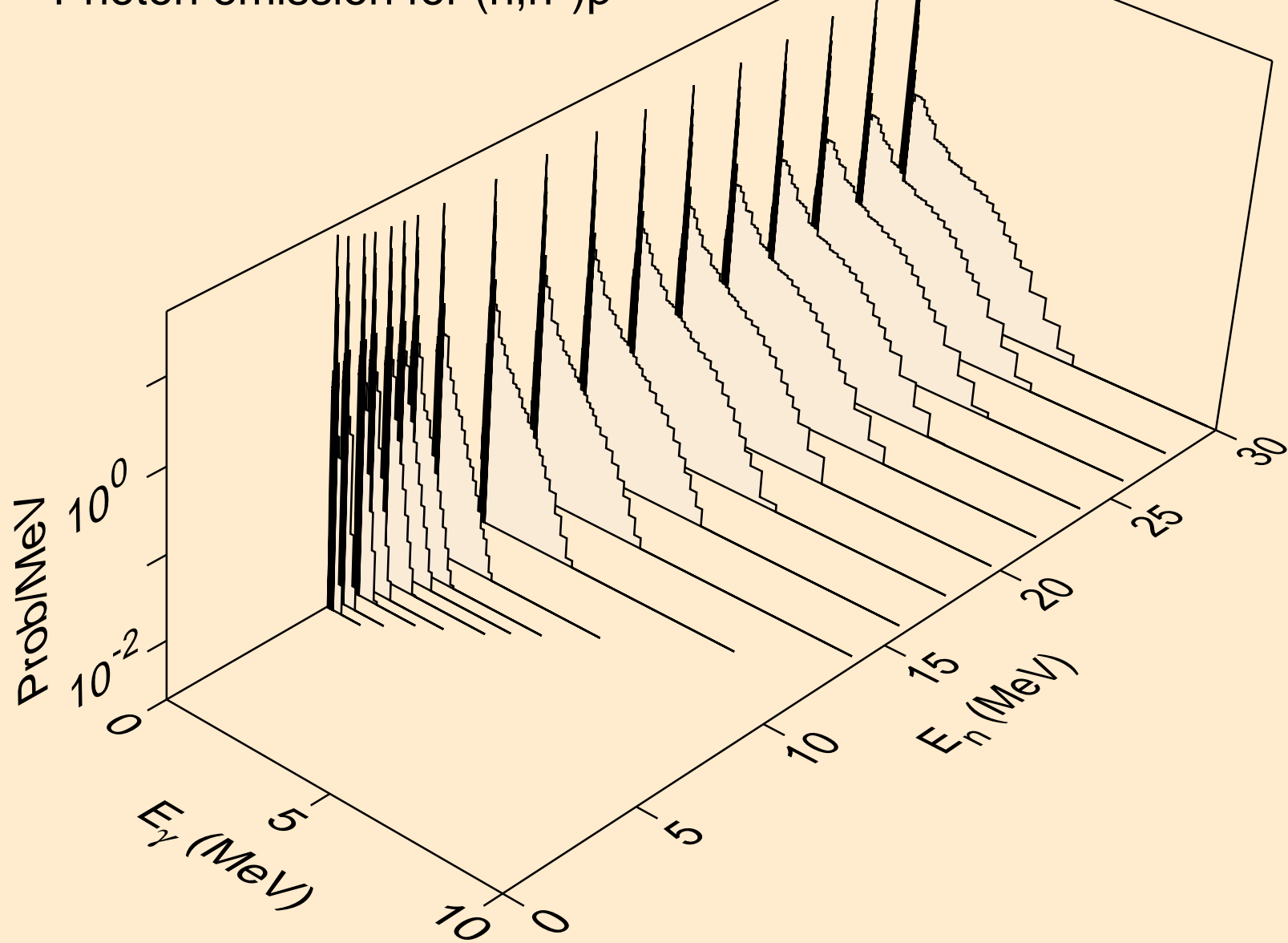
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Photon emission for (n,2n)a



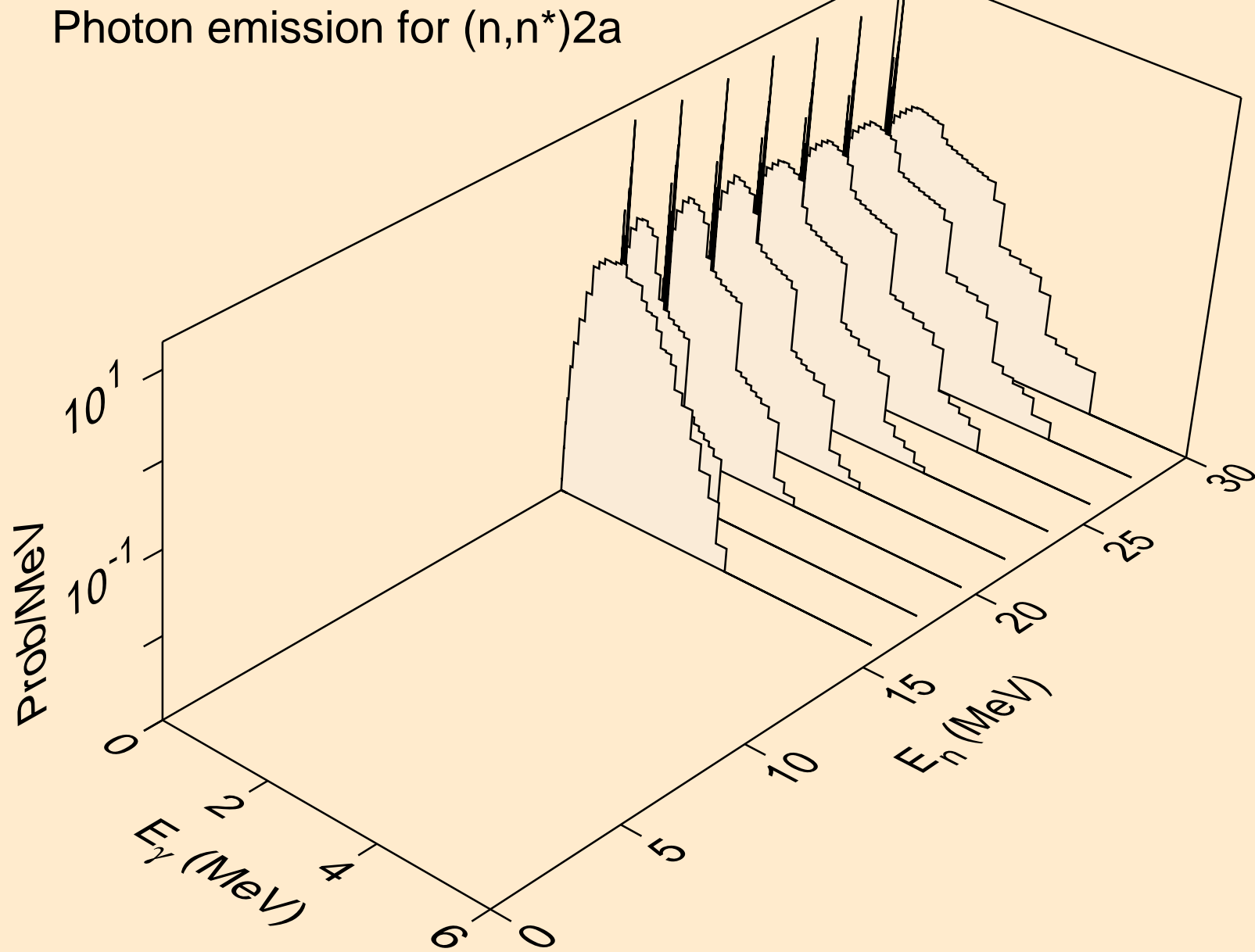
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Photon emission for (n,3n)a



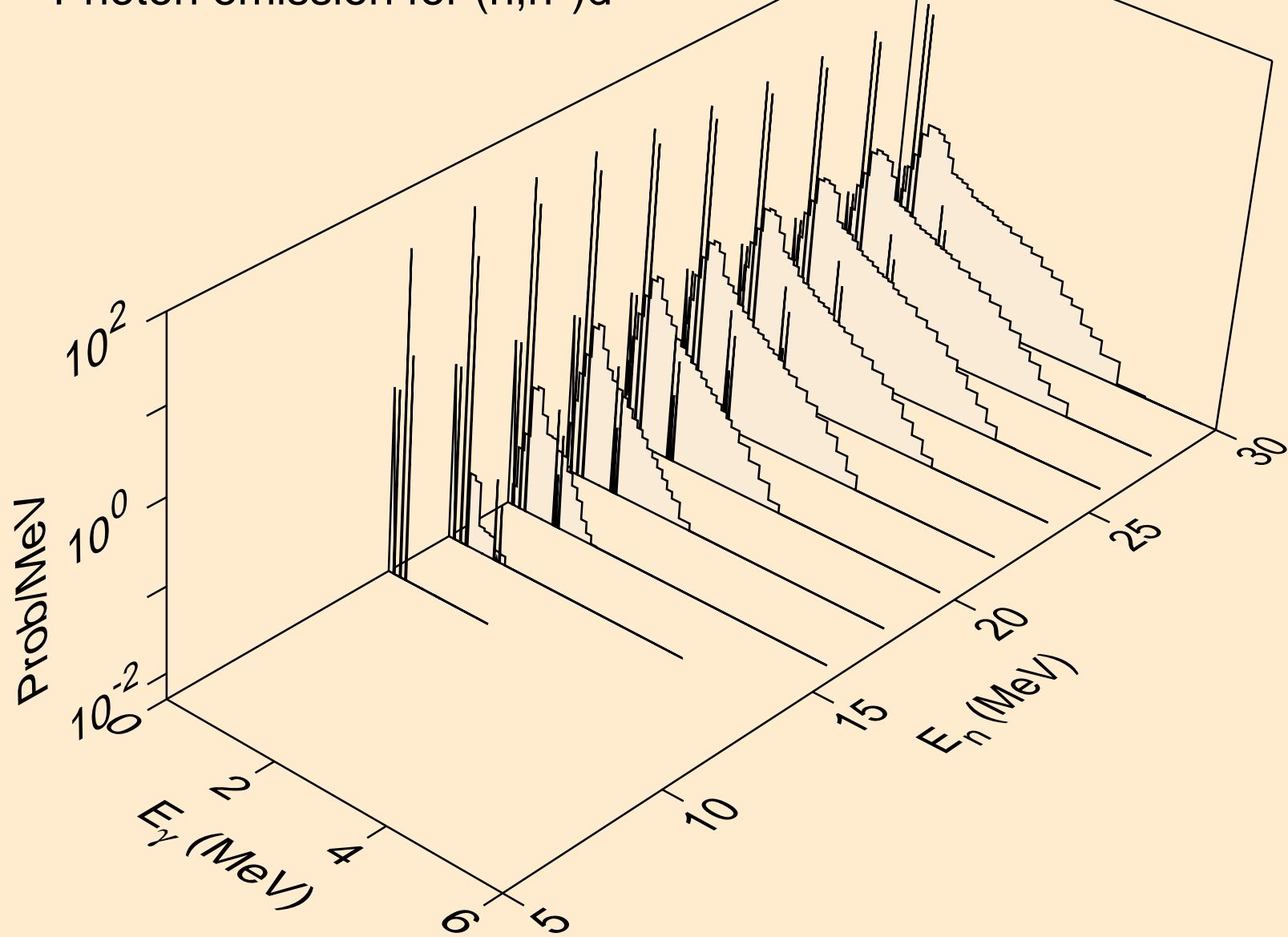
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Photon emission for (n,n\*)p



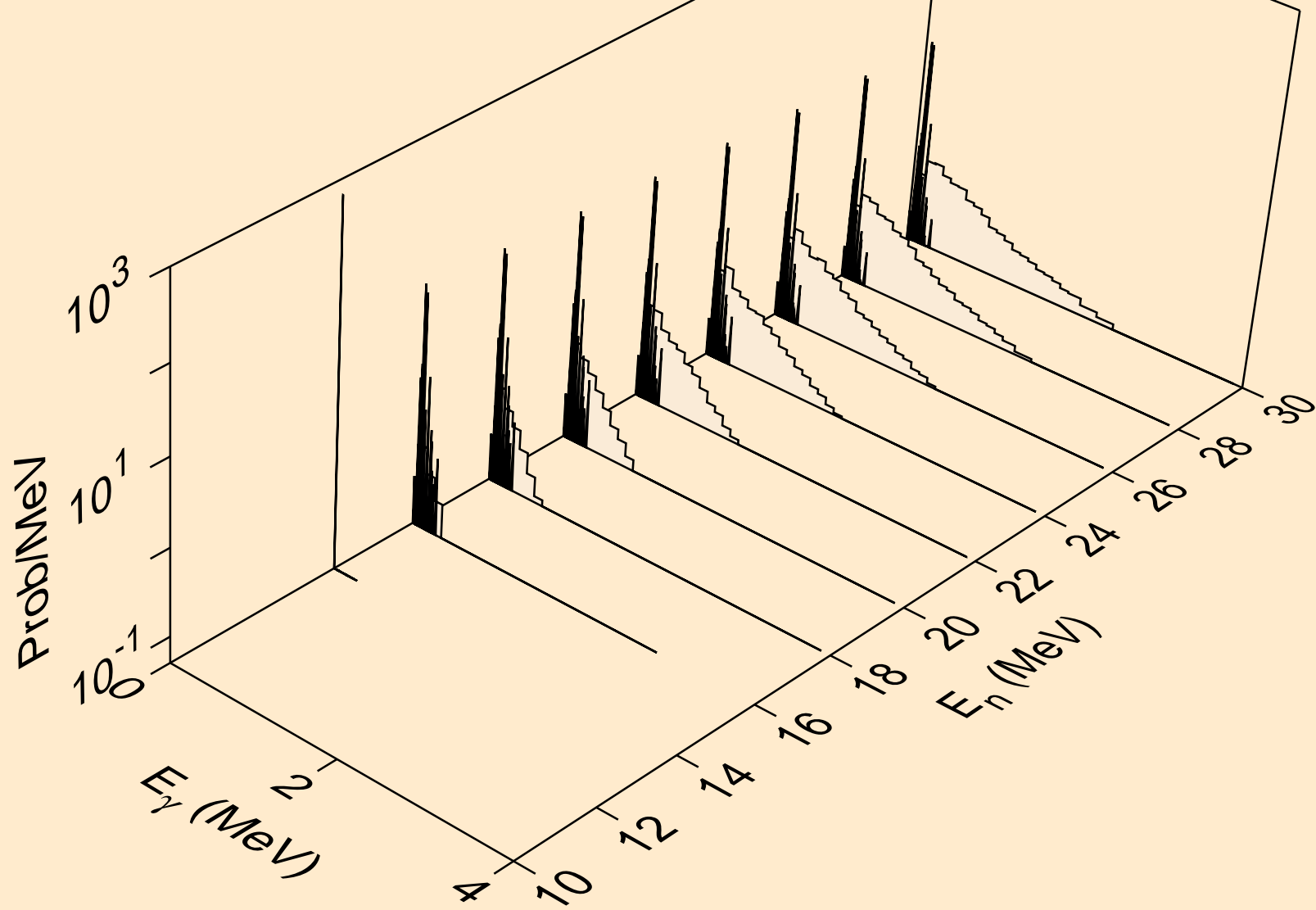
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d

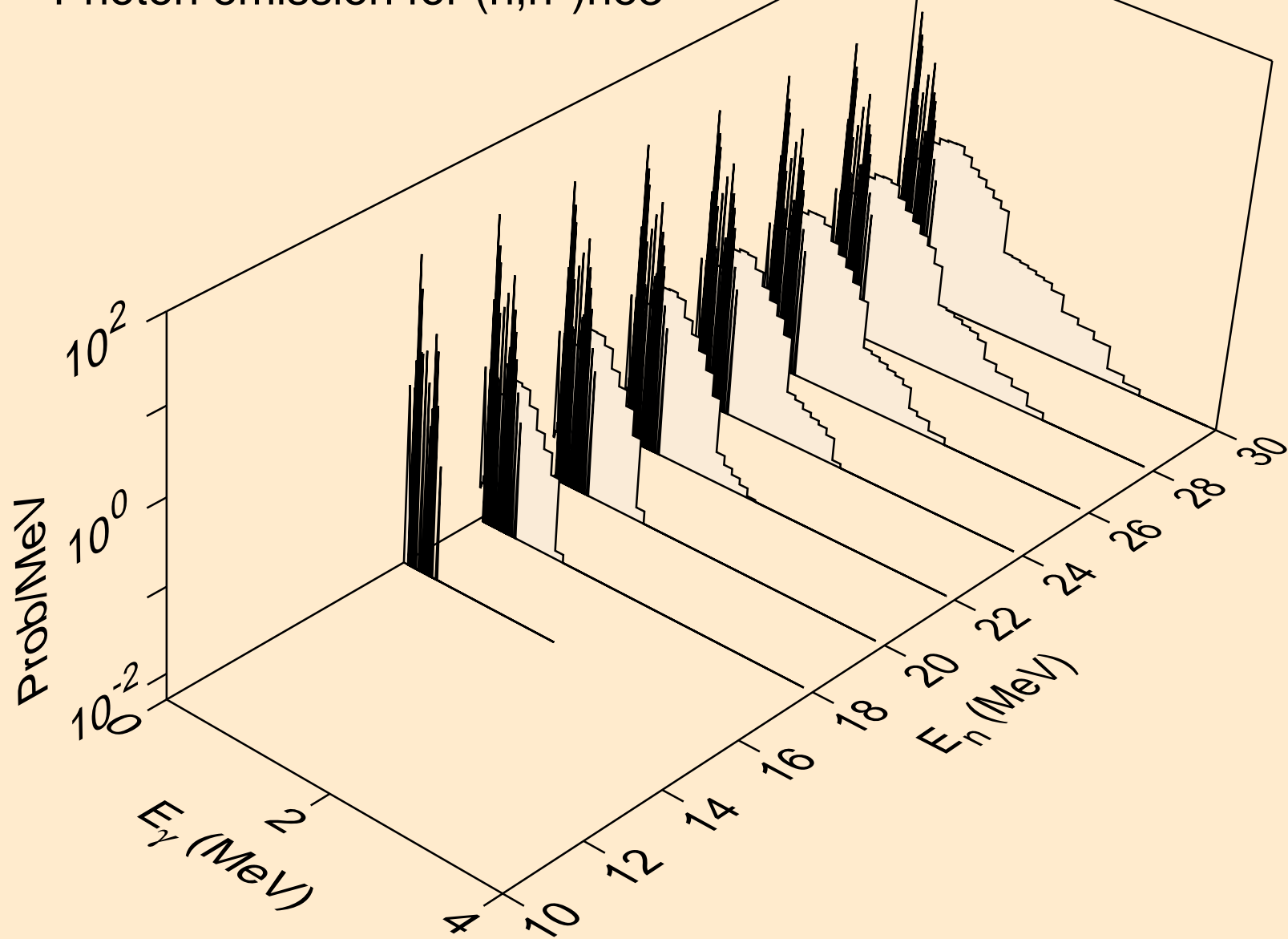


HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t

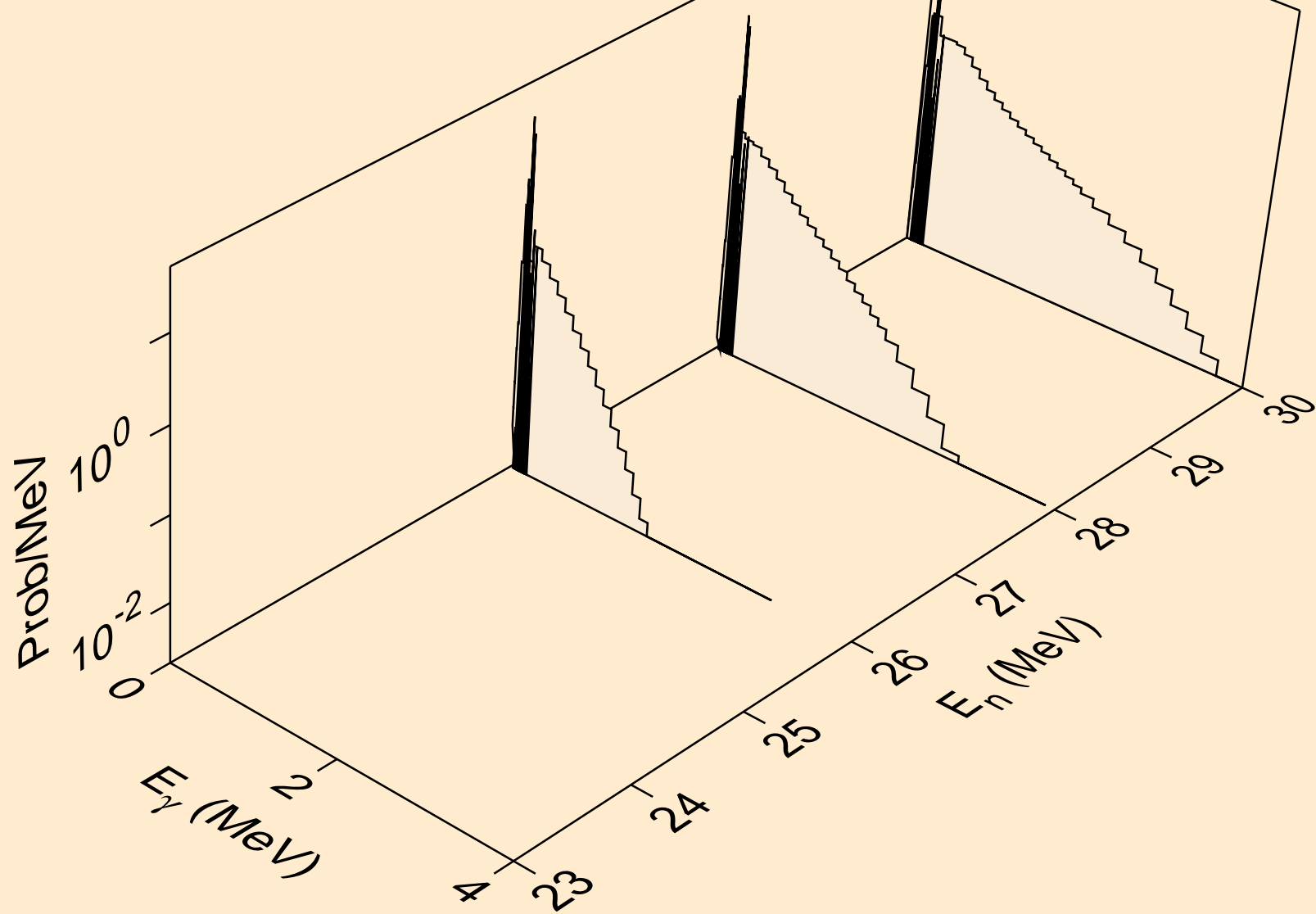




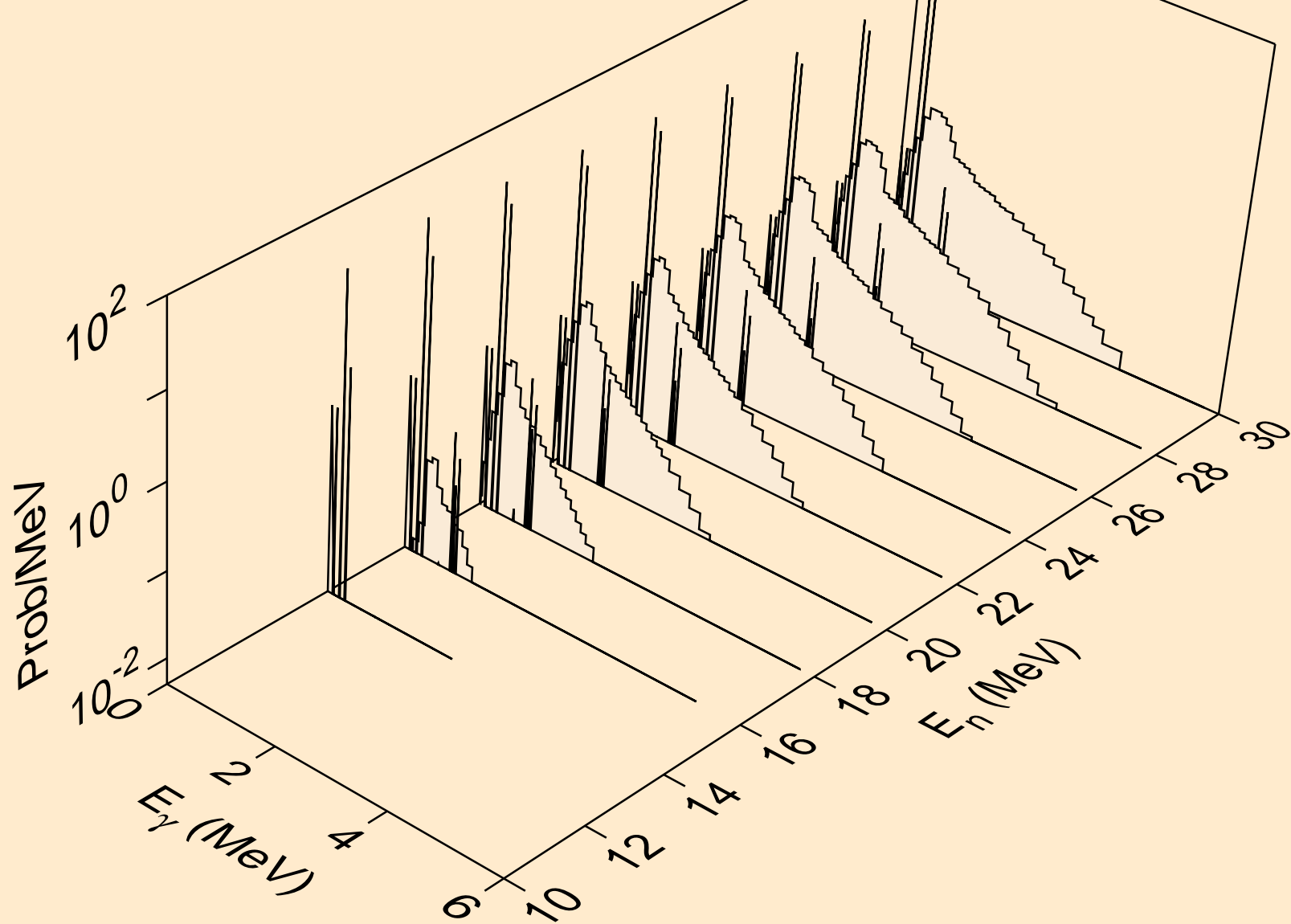
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



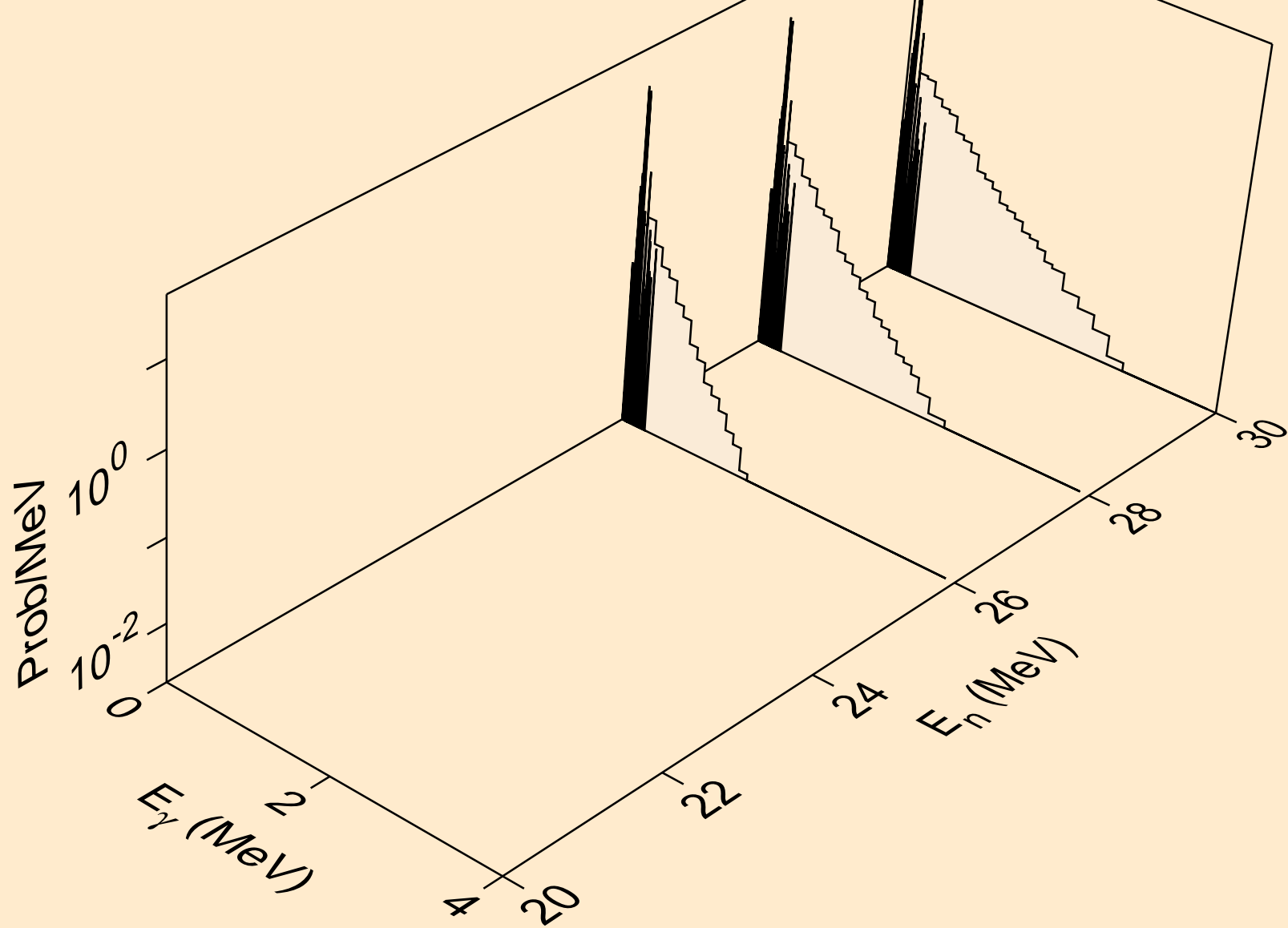
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Photon emission for (n,4n)



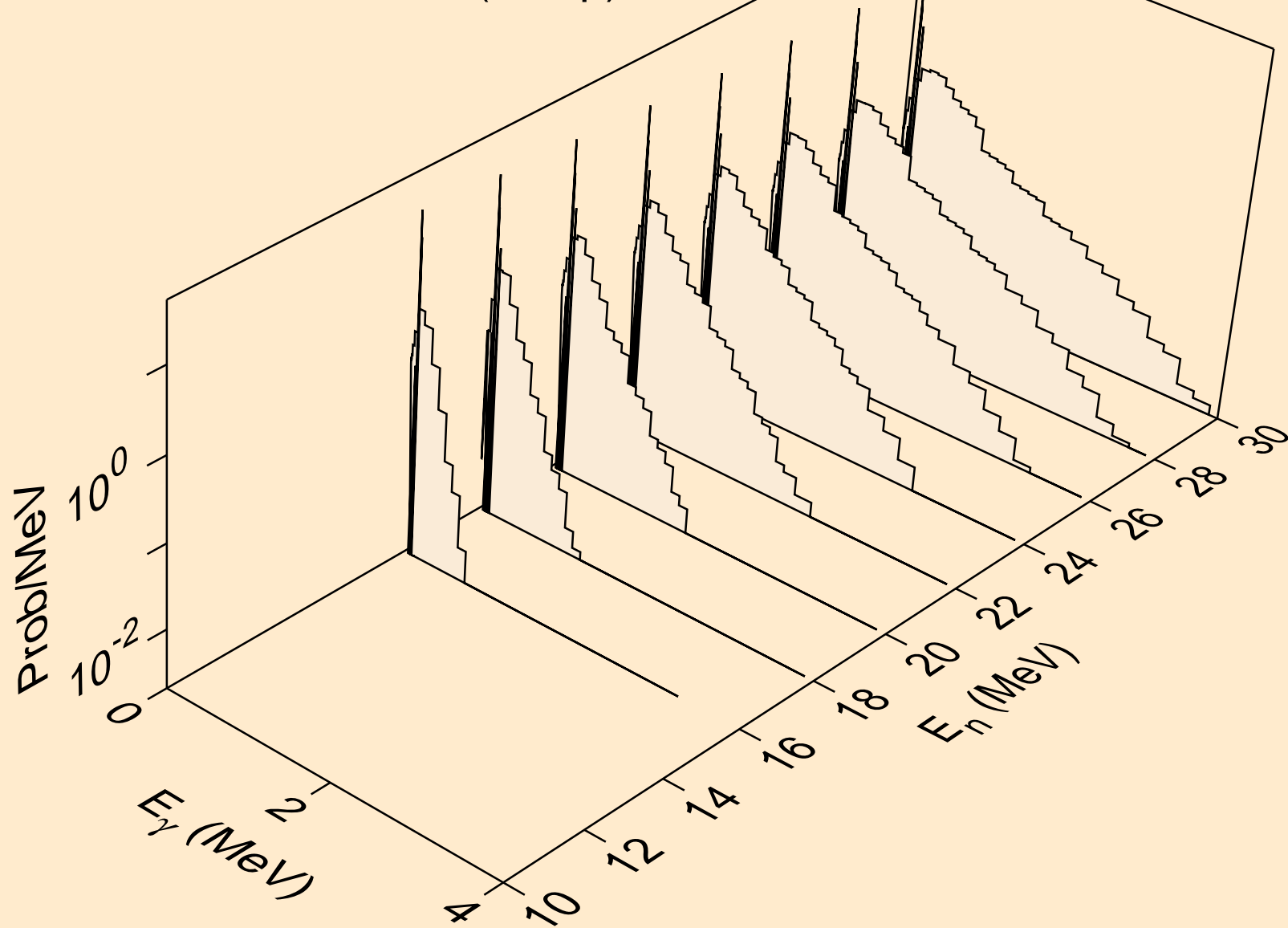
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



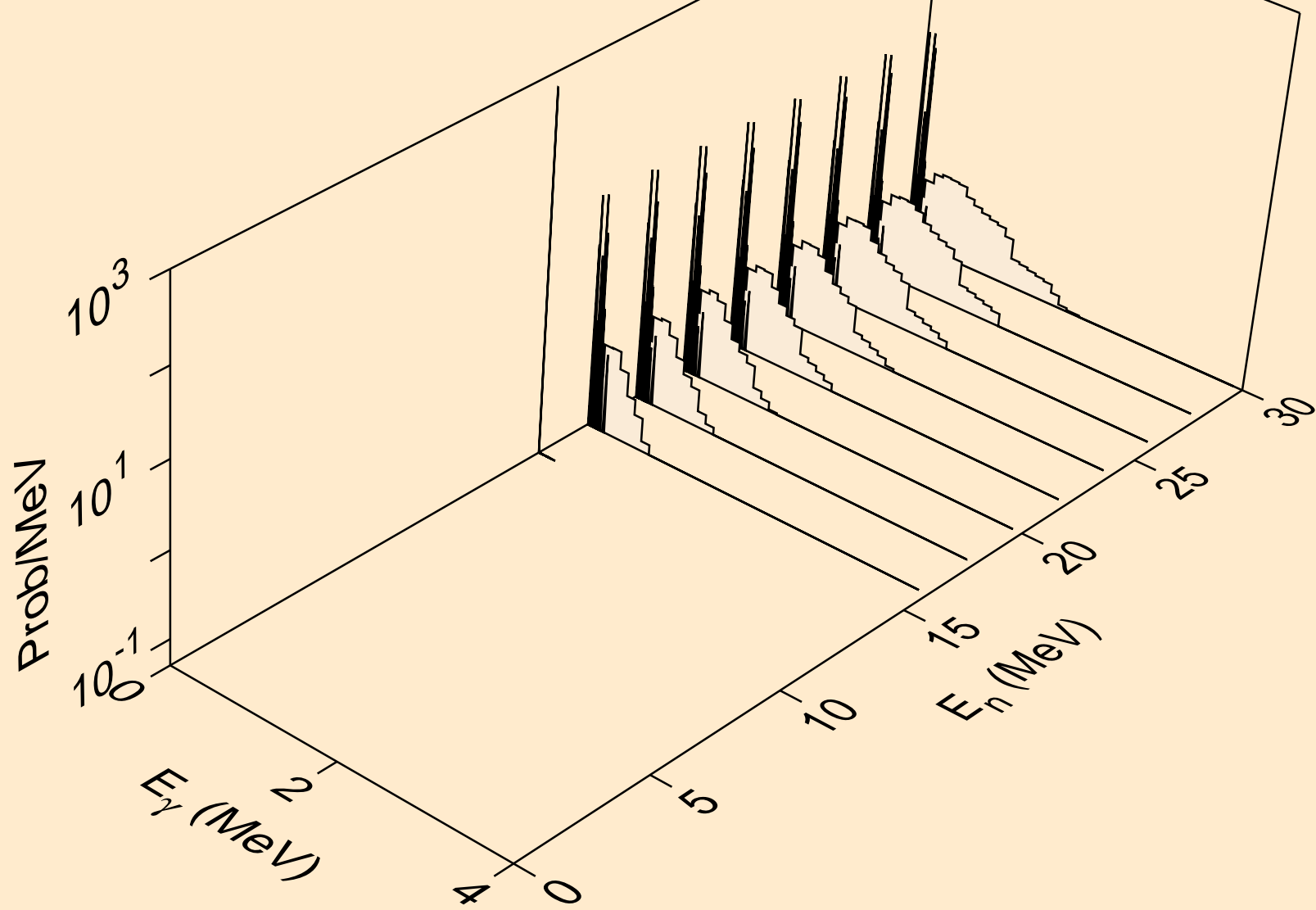
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



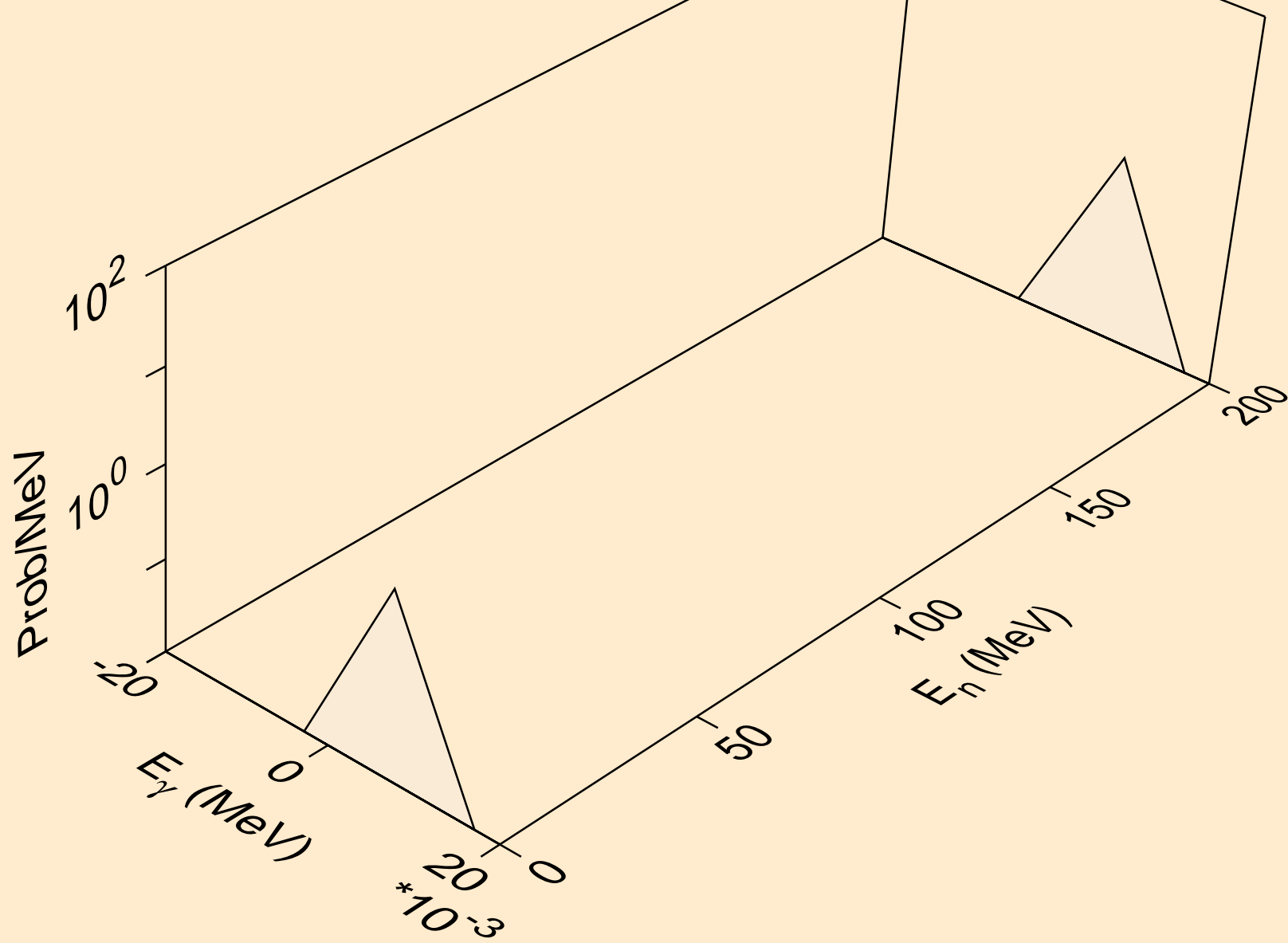
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Photon emission for (n,2np)



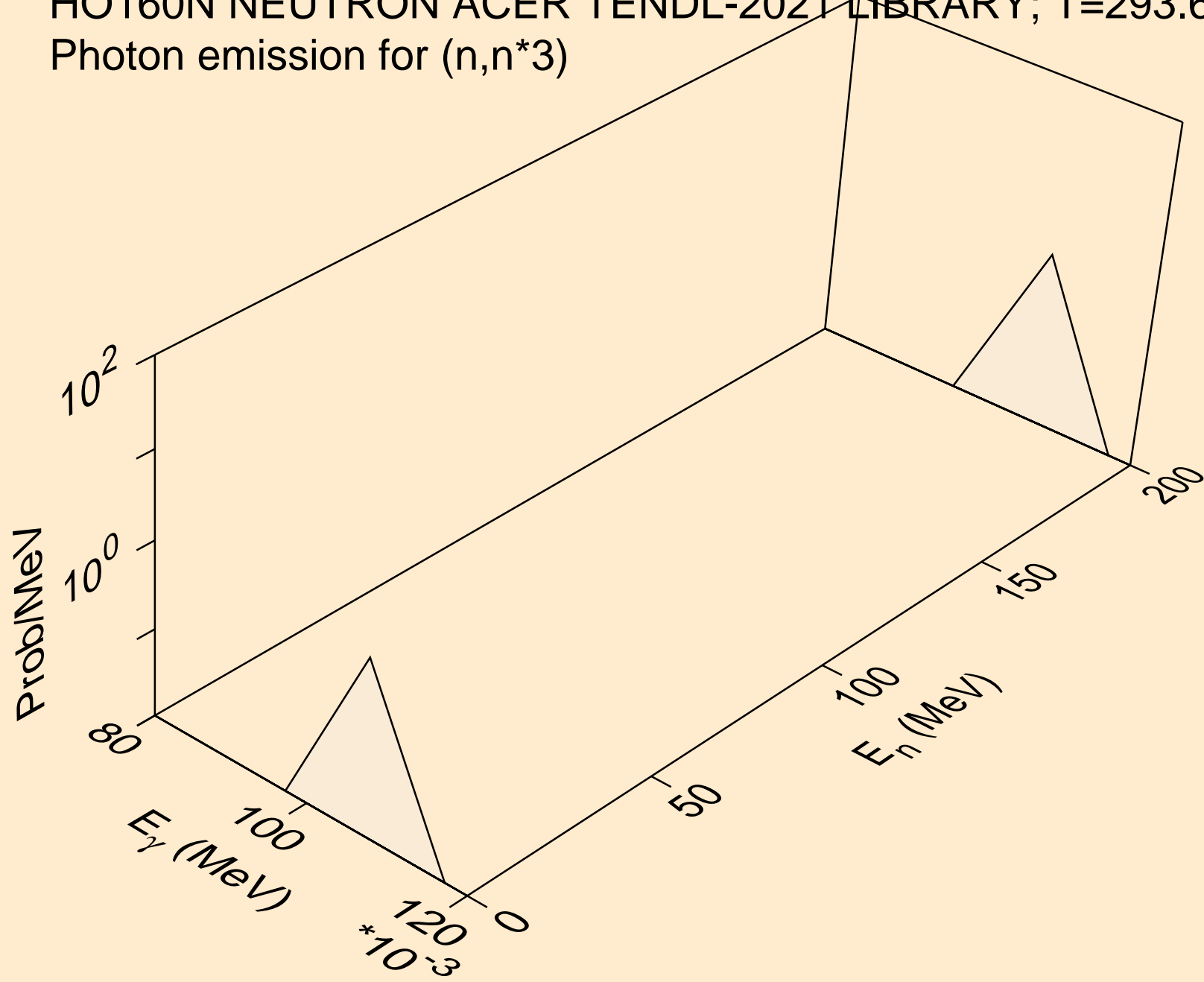
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*2)

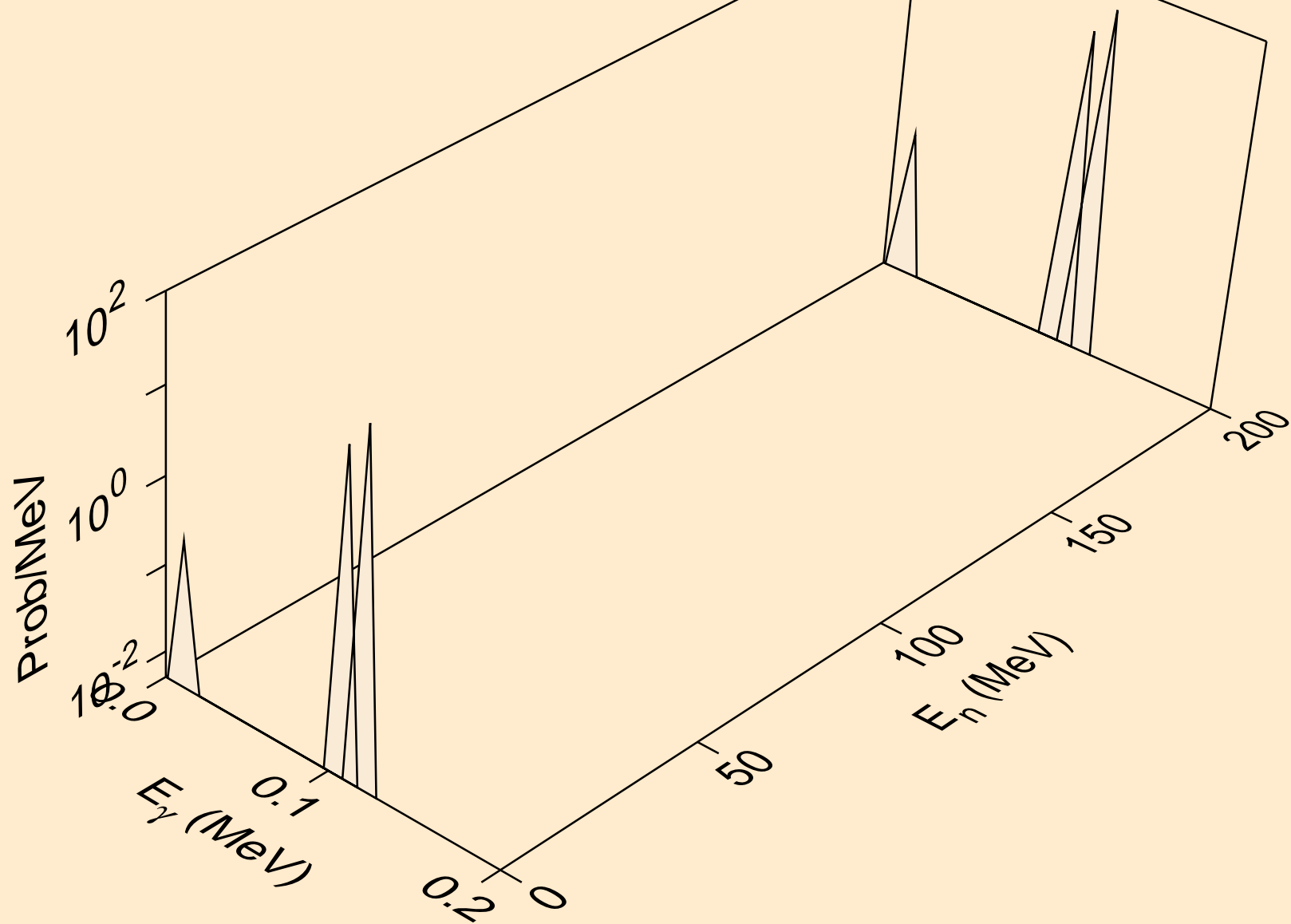


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Photon emission for (n,n\*3)

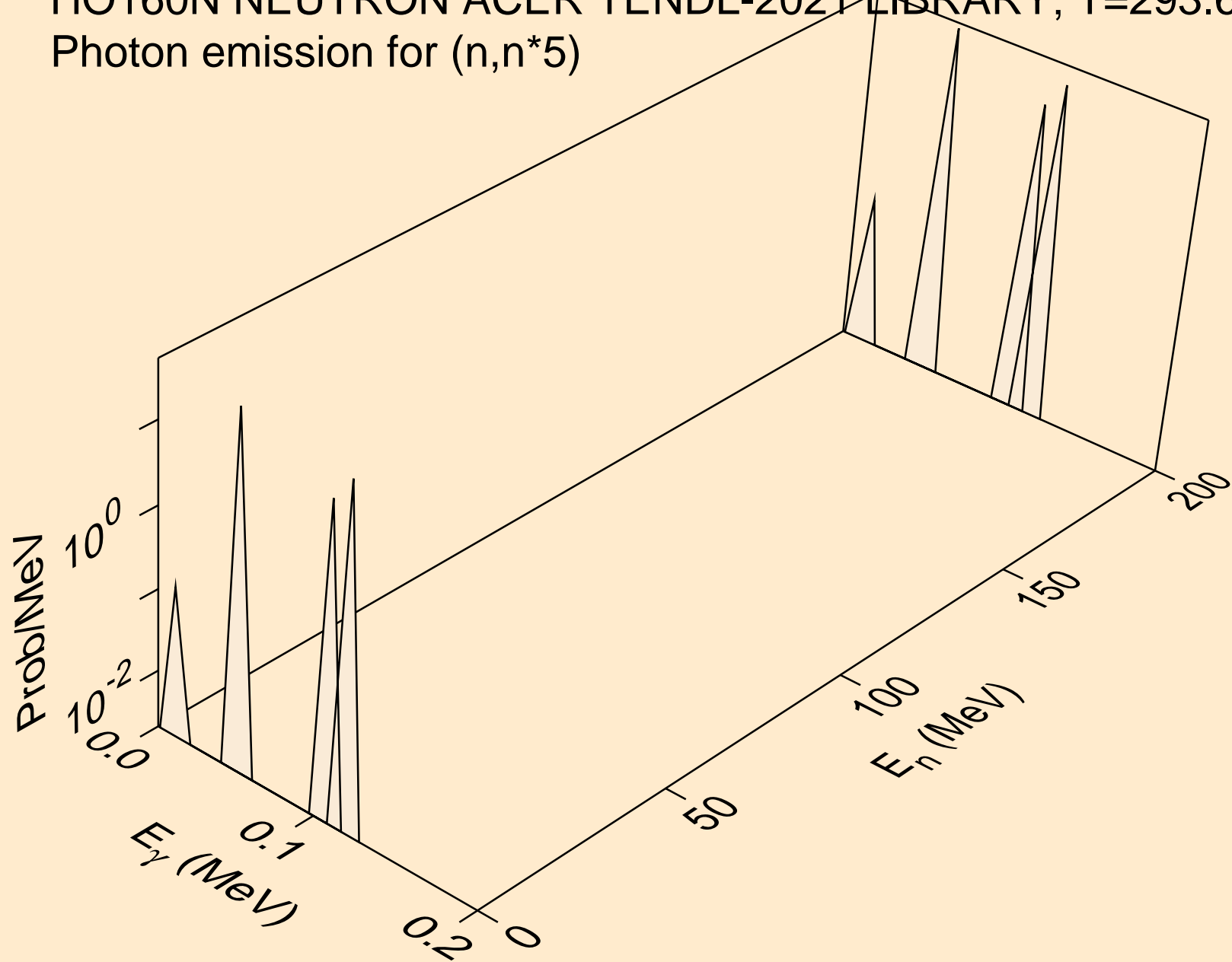




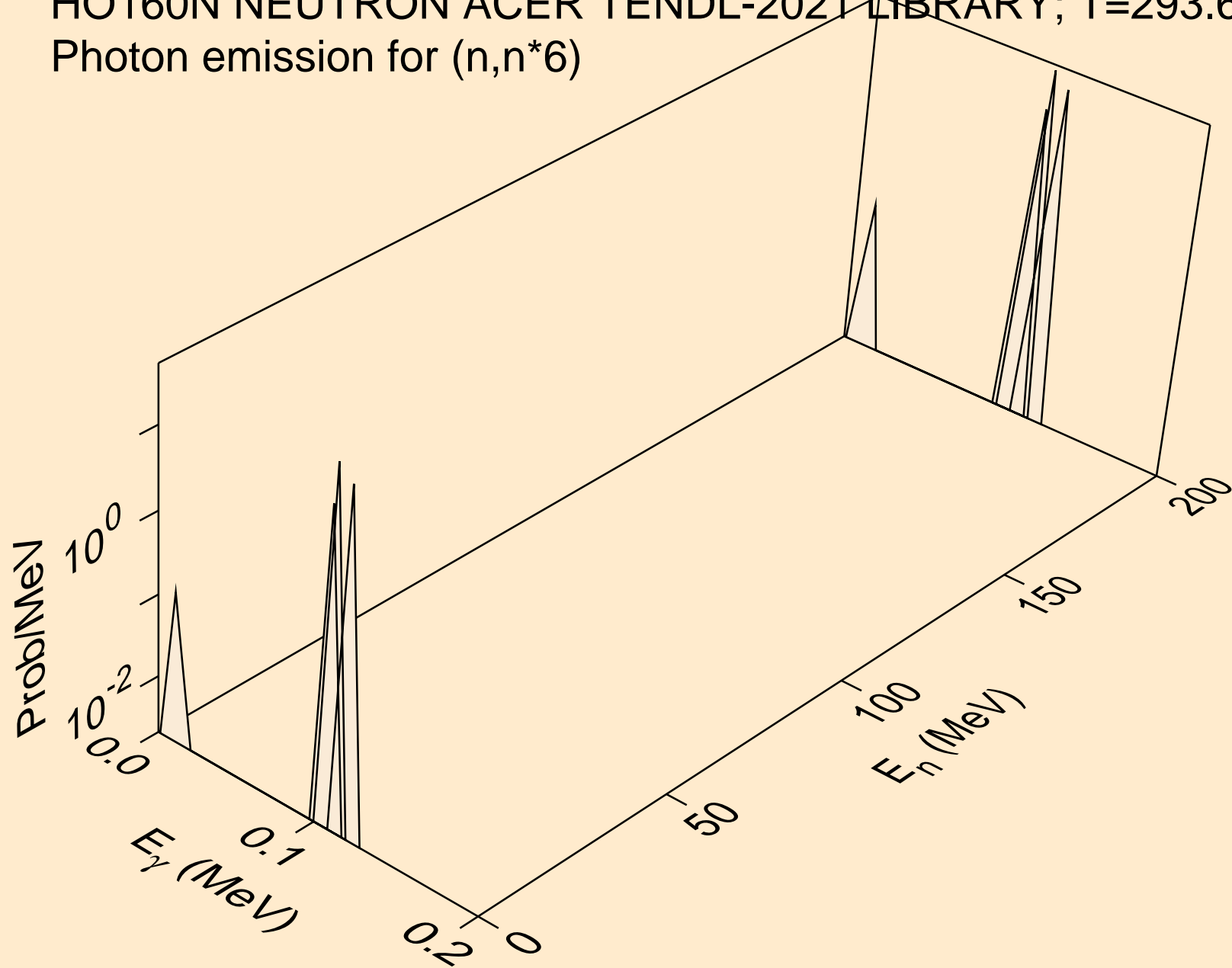
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Photon emission for (n,n\*4)



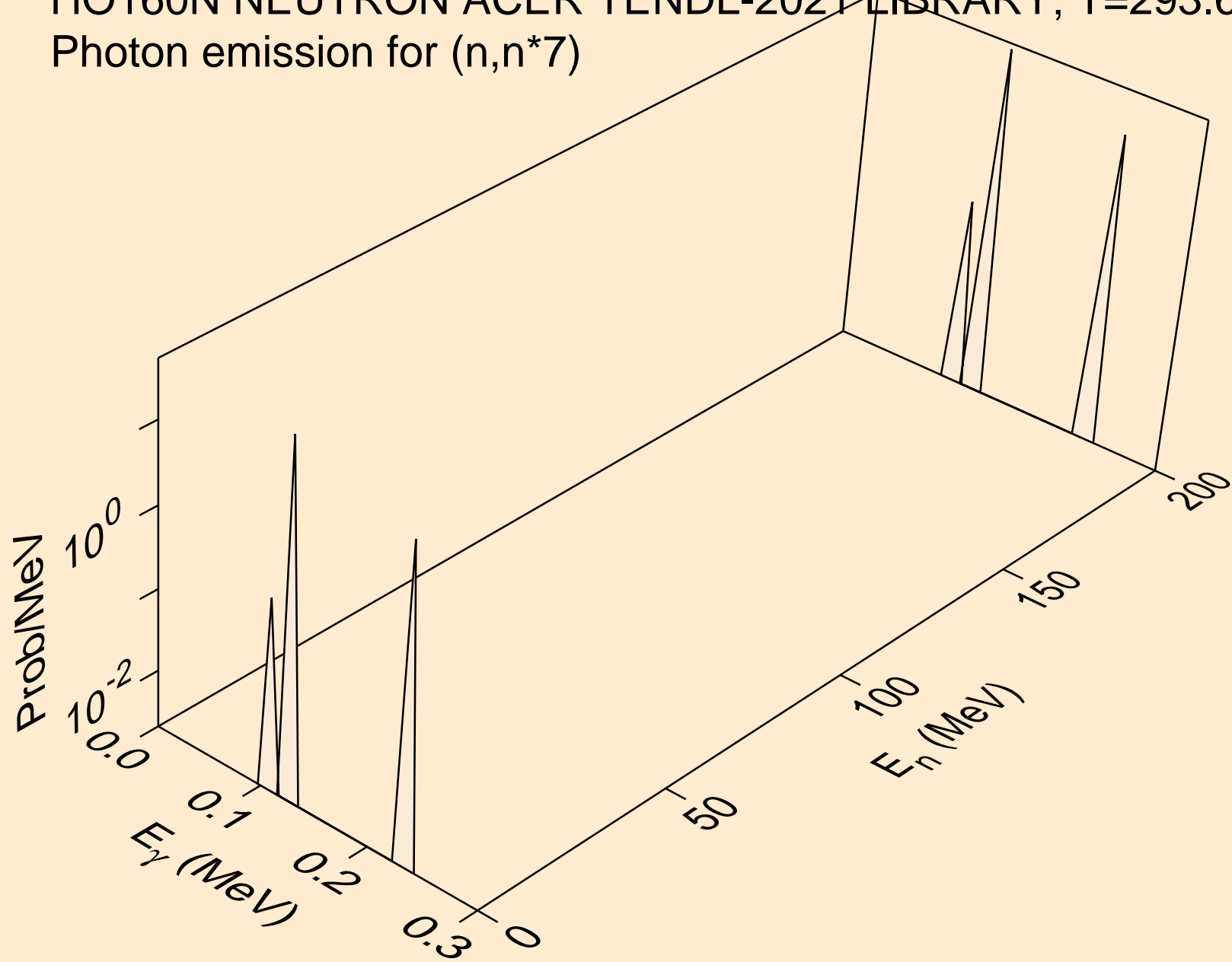
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Photon emission for (n,n\*5)



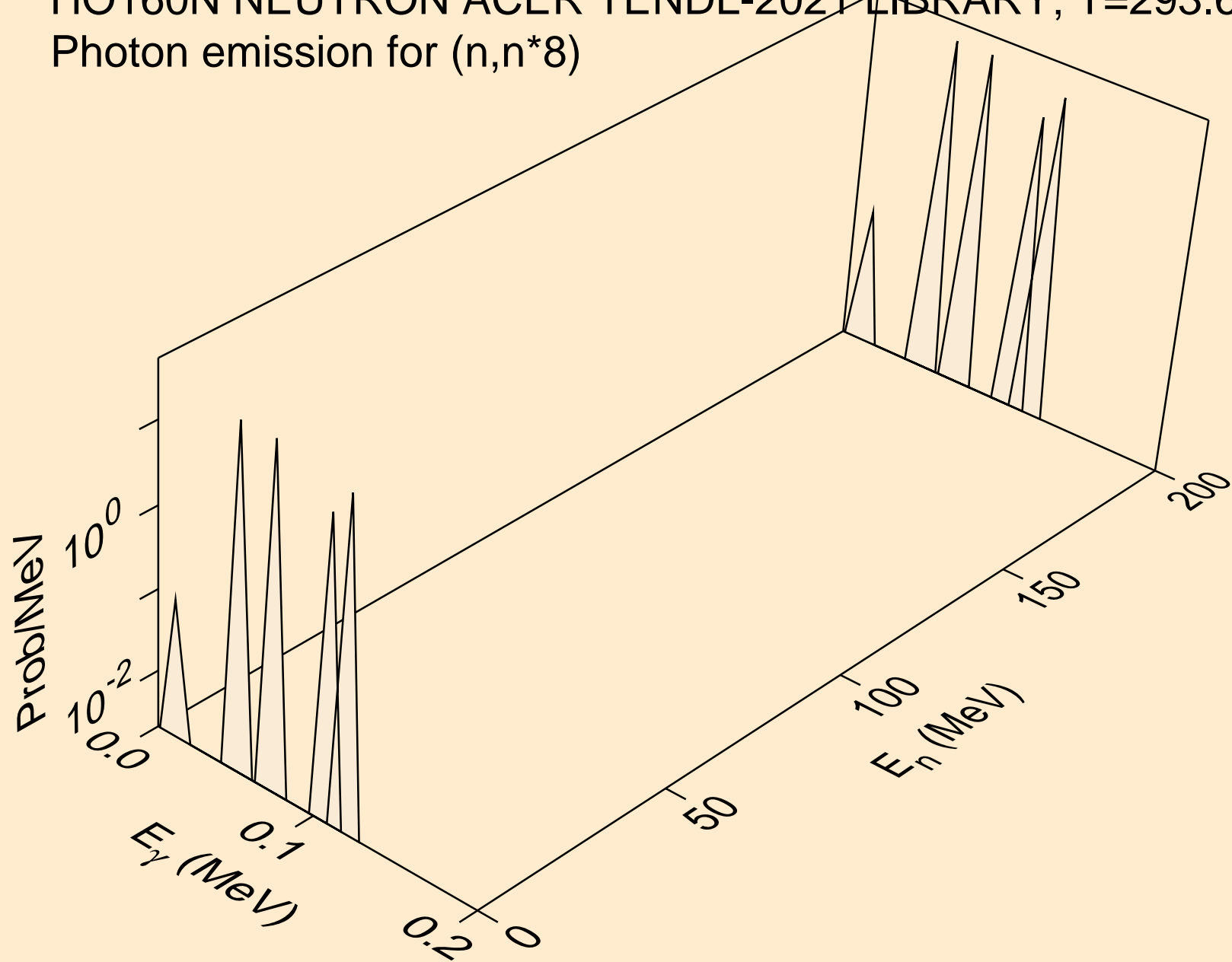
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Photon emission for (n,n\*6)



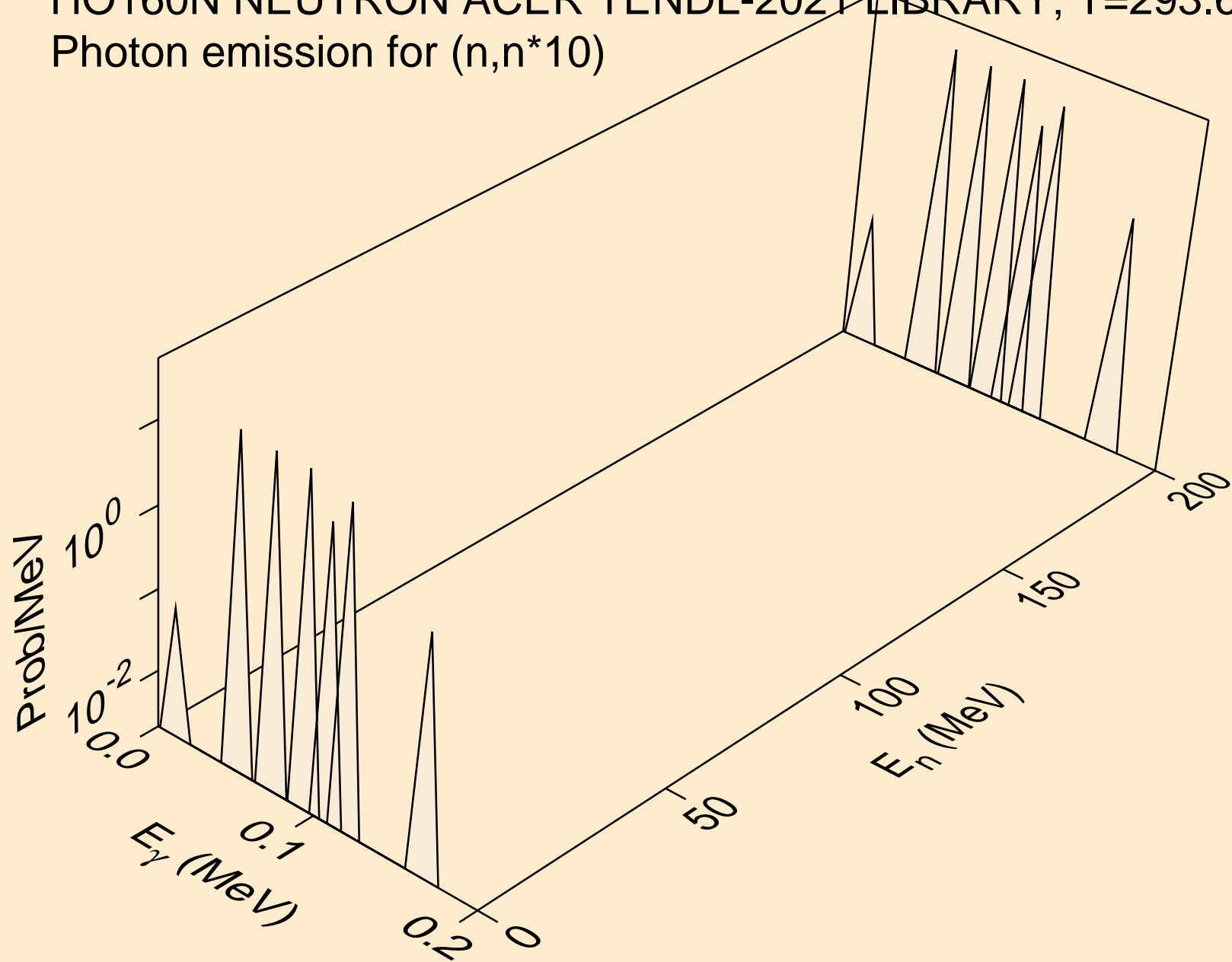
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Photon emission for (n,n\*7)



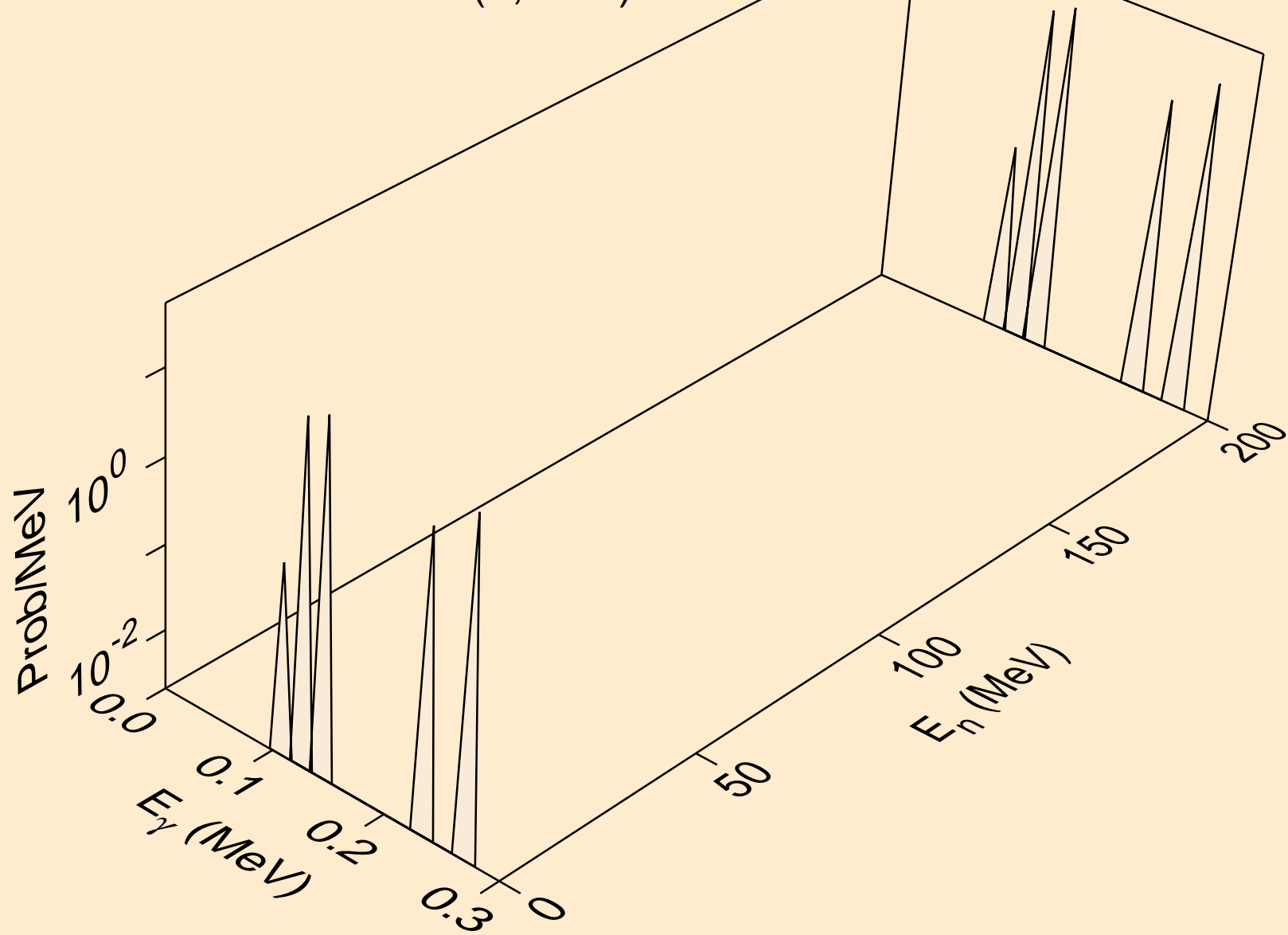
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Photon emission for (n,n\*8)



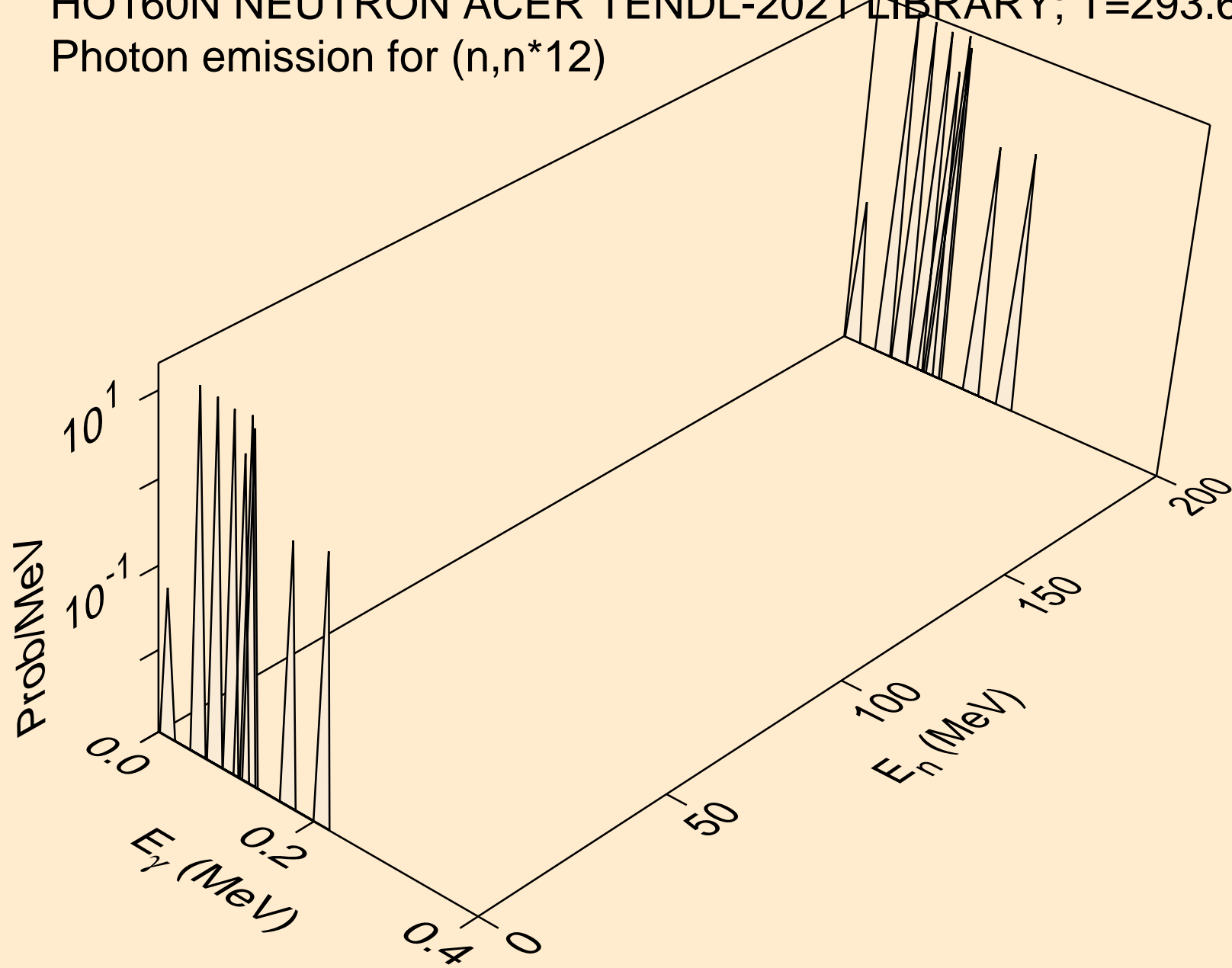
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*10)



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*11)

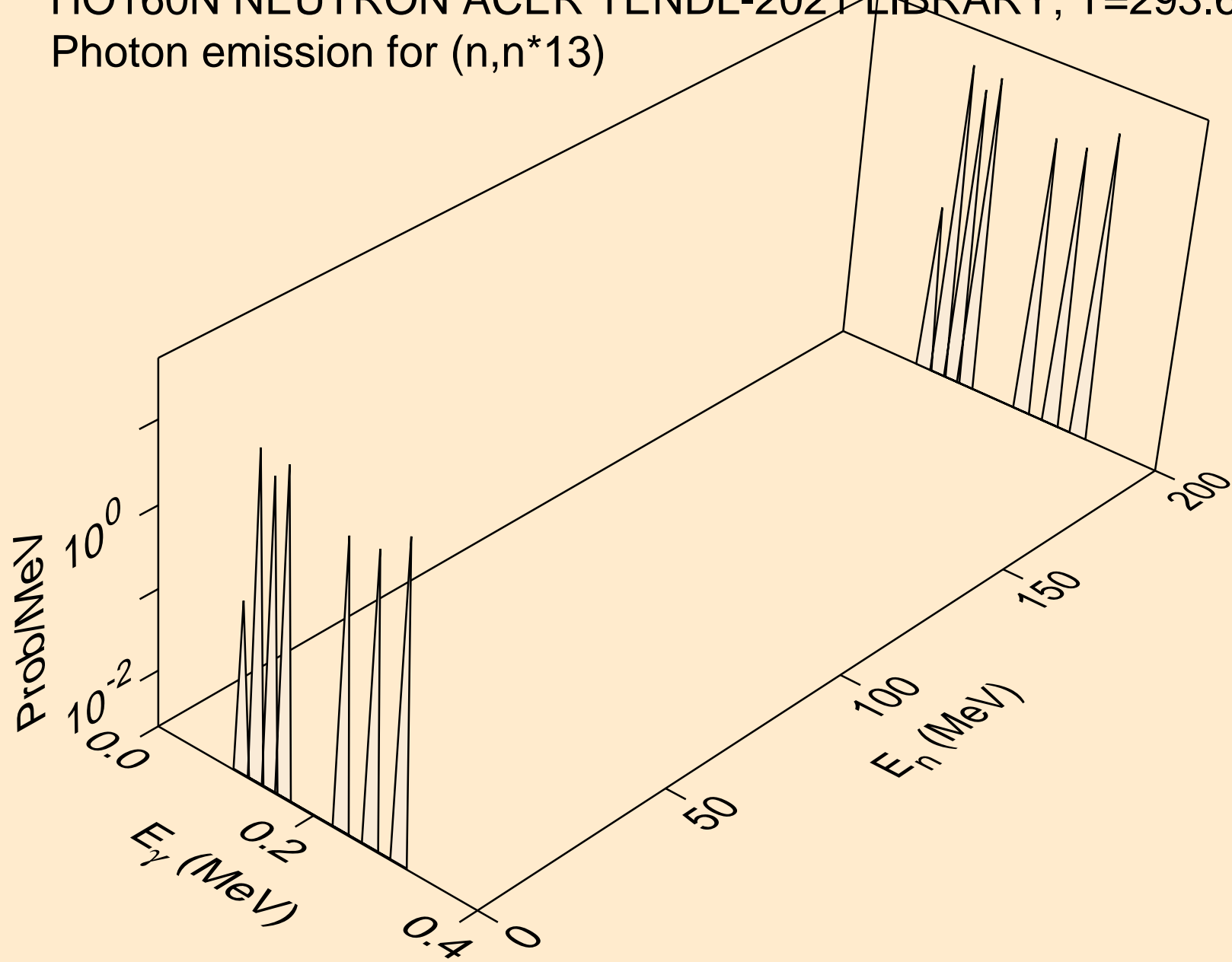


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Photon emission for (n,n\*12)

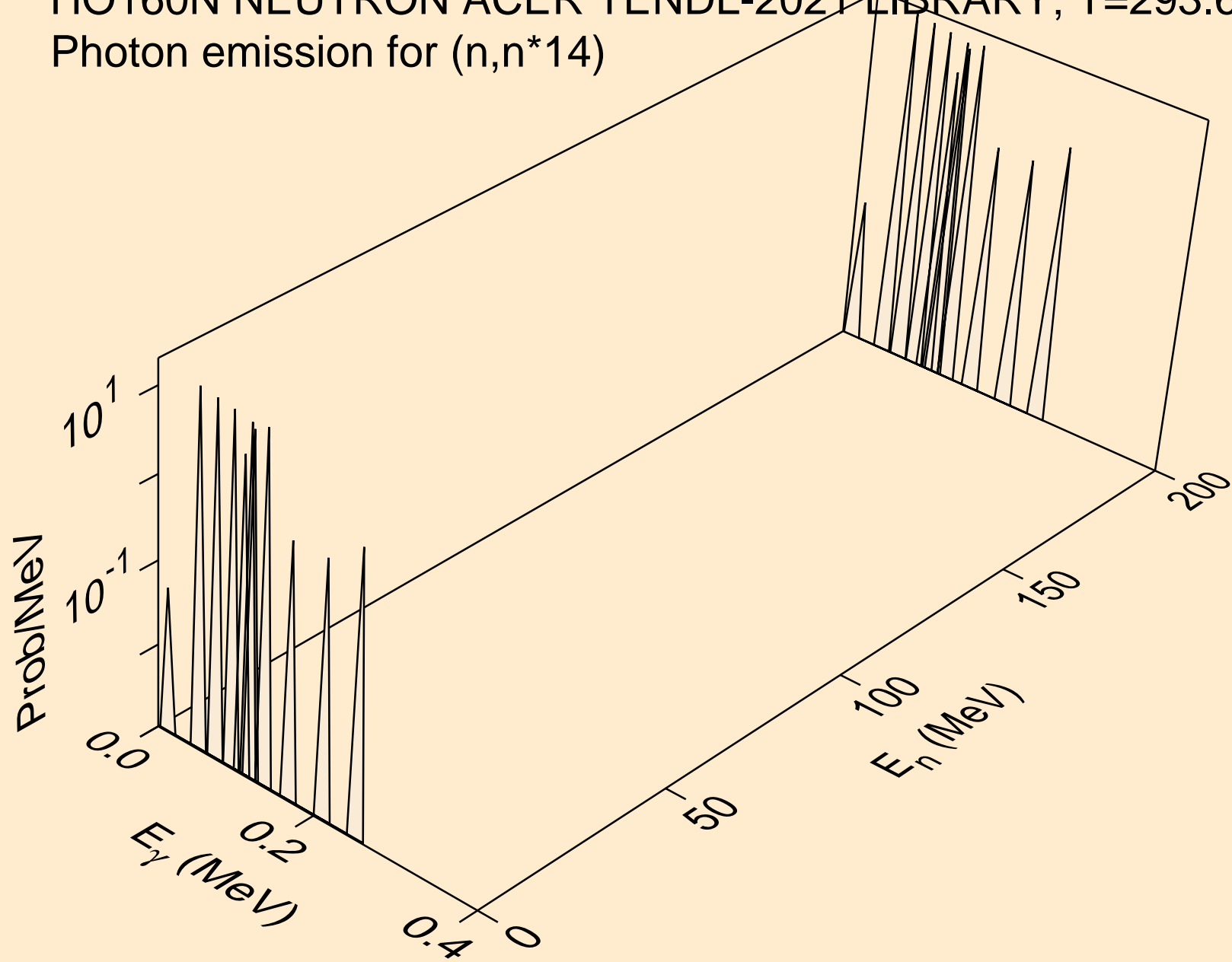




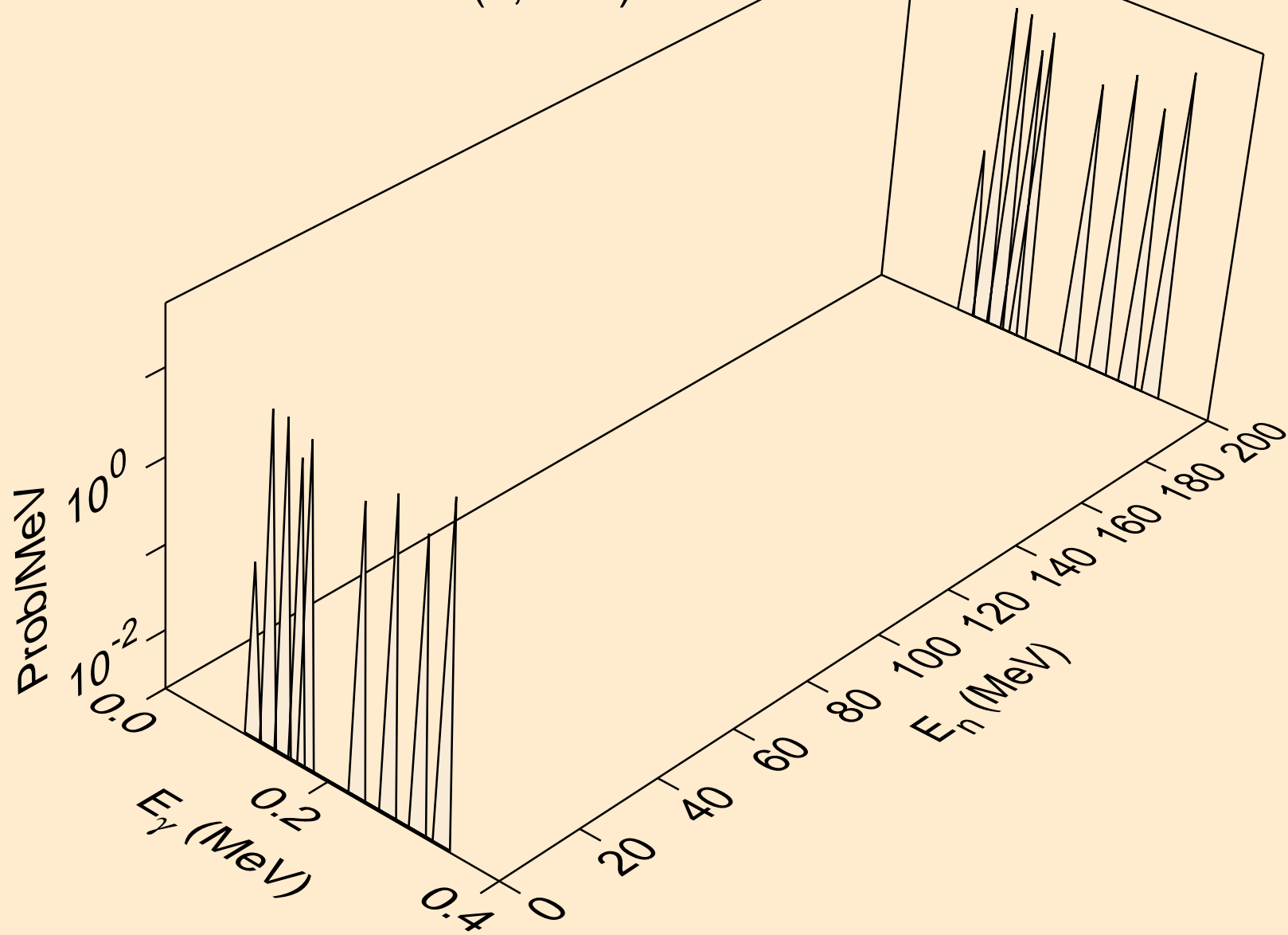
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Photon emission for (n,n\*13)



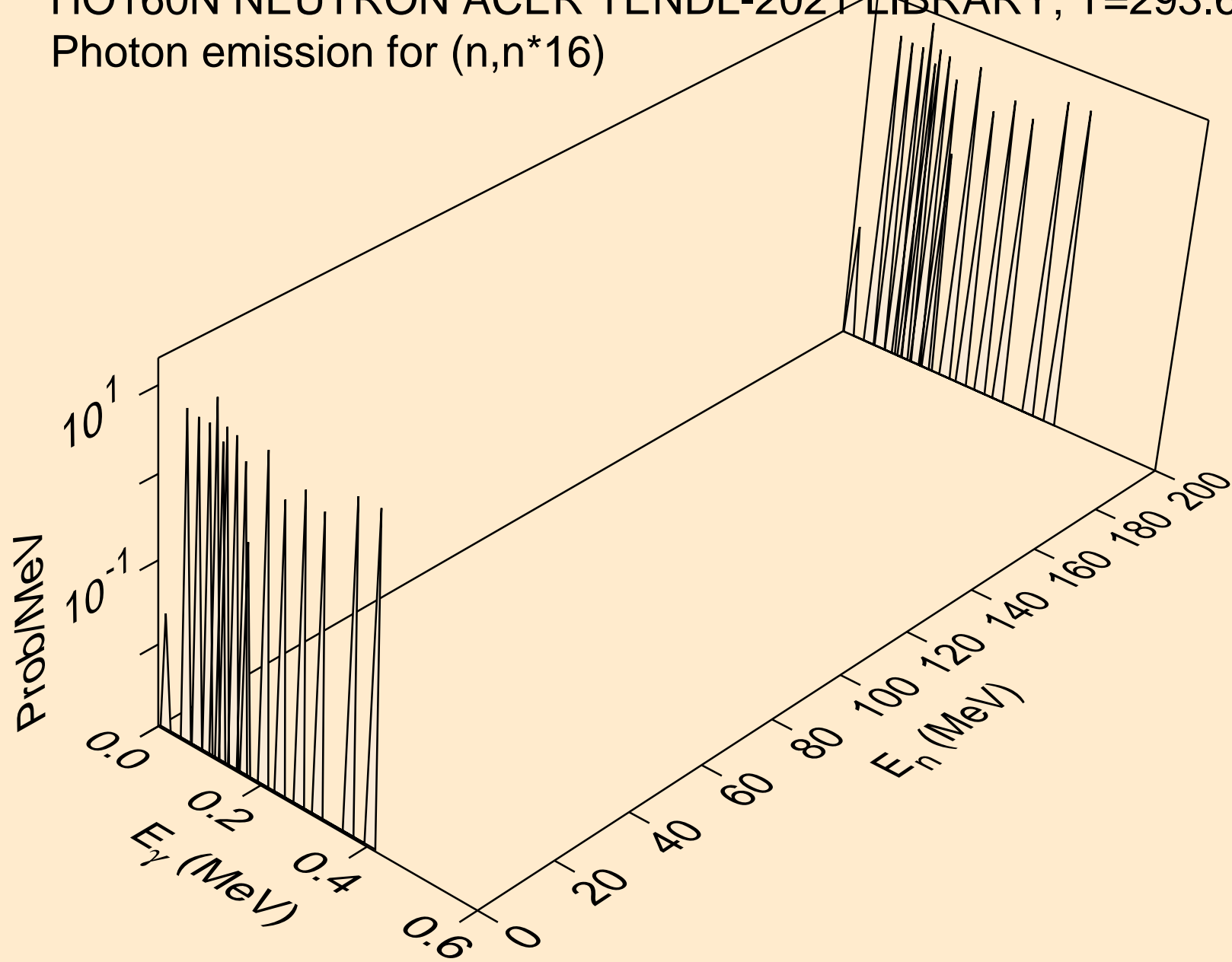
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Photon emission for (n,n\*14)



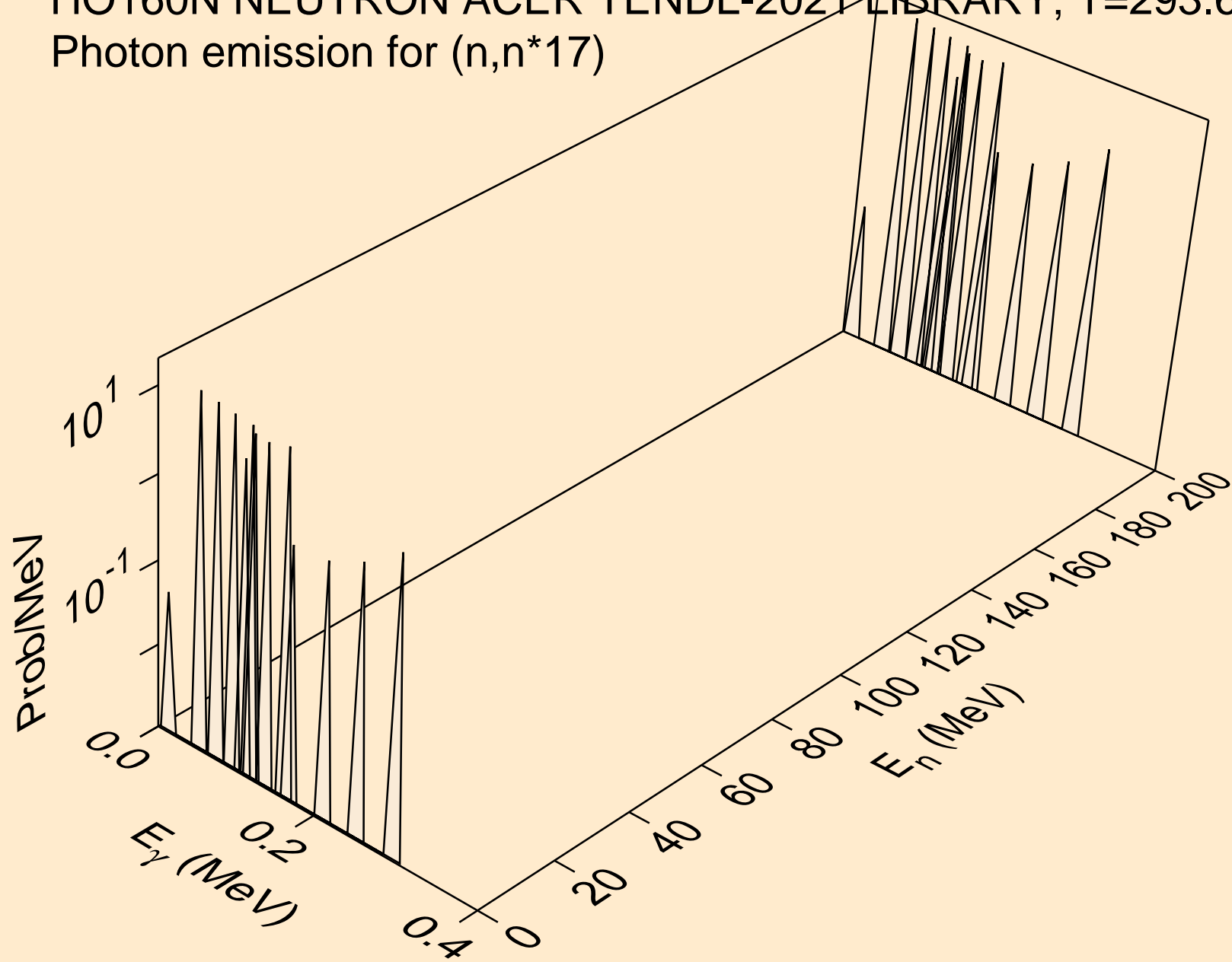
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Photon emission for (n,n\*15)



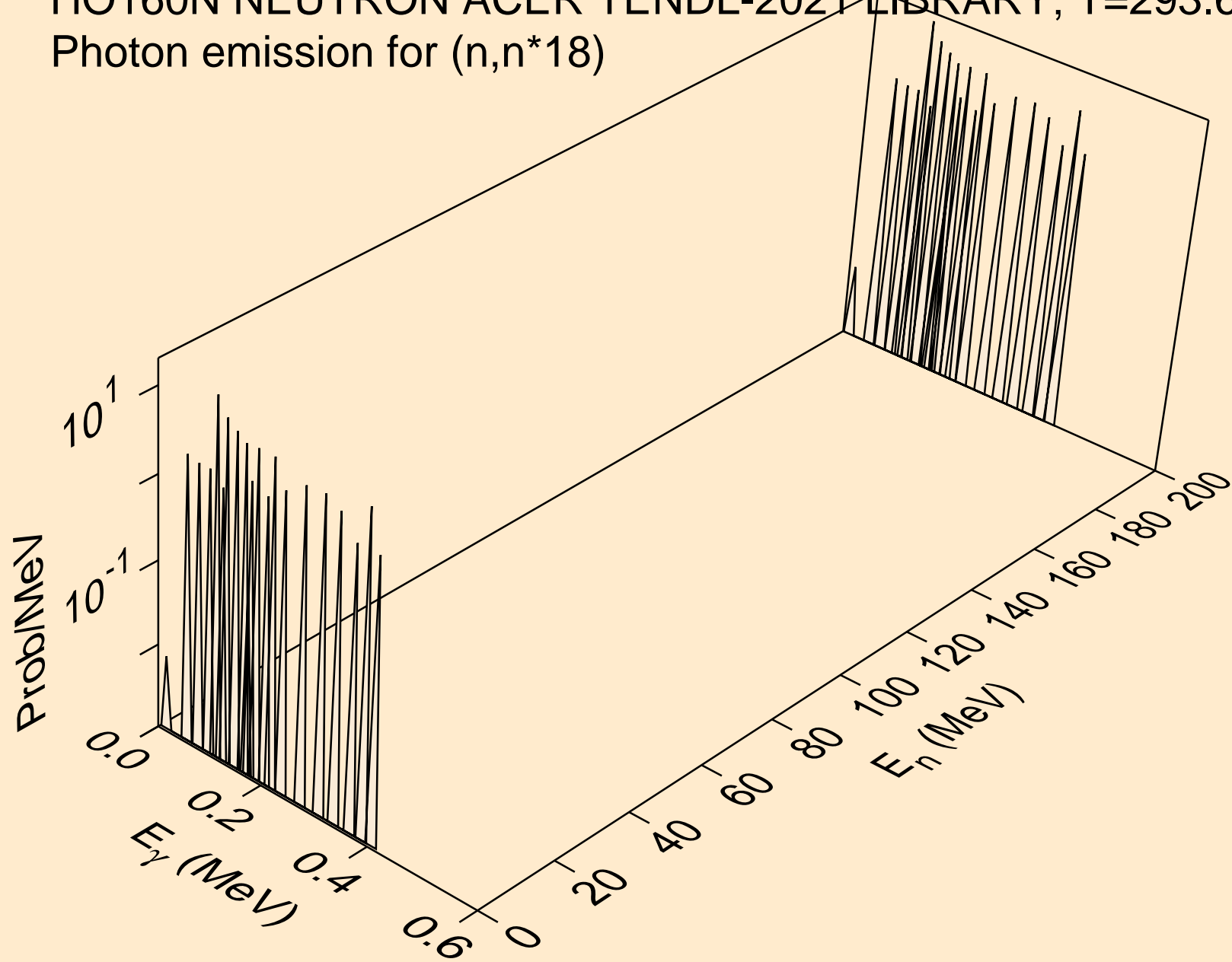
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Photon emission for (n,n\*16)



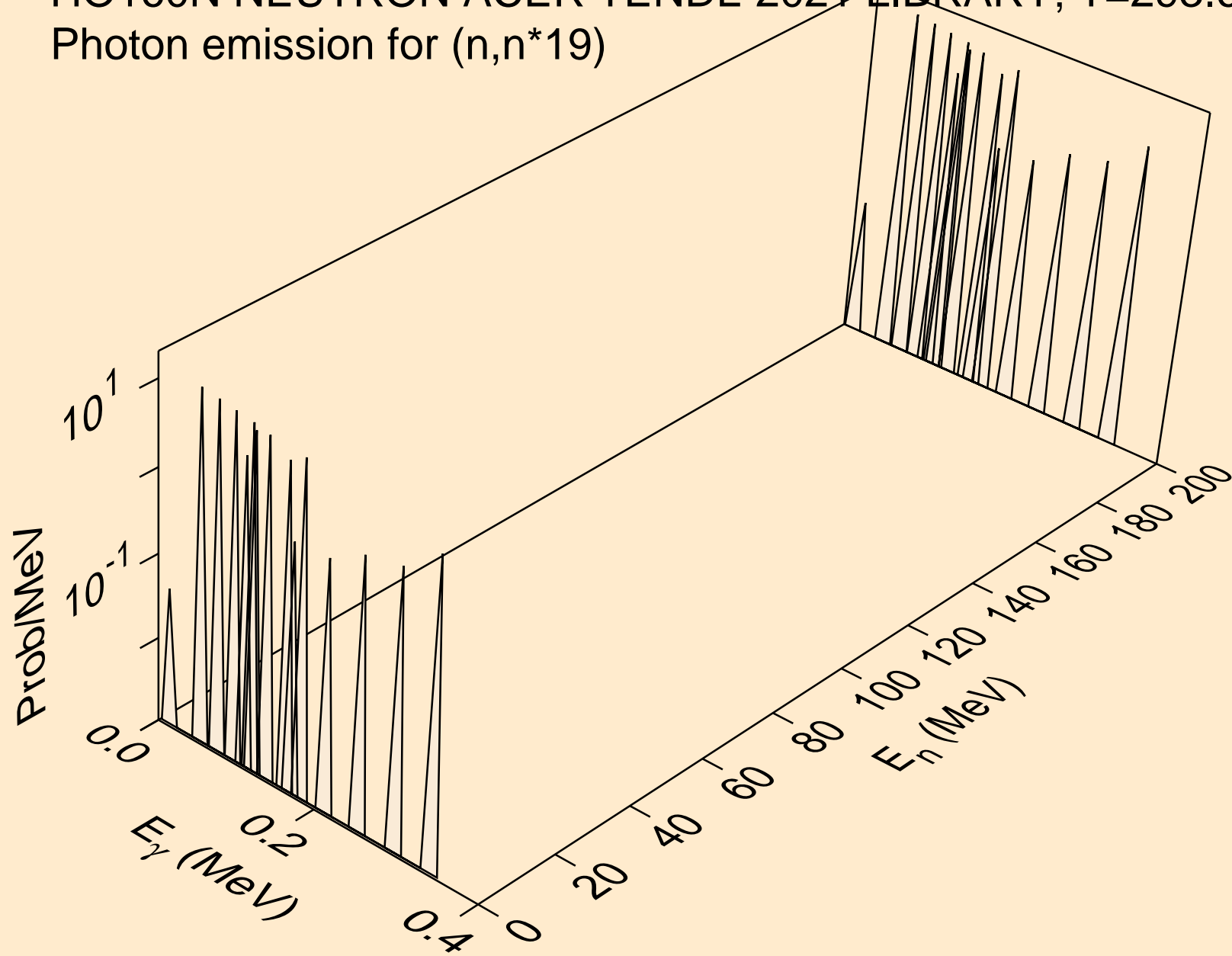
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Photon emission for (n,n\*17)



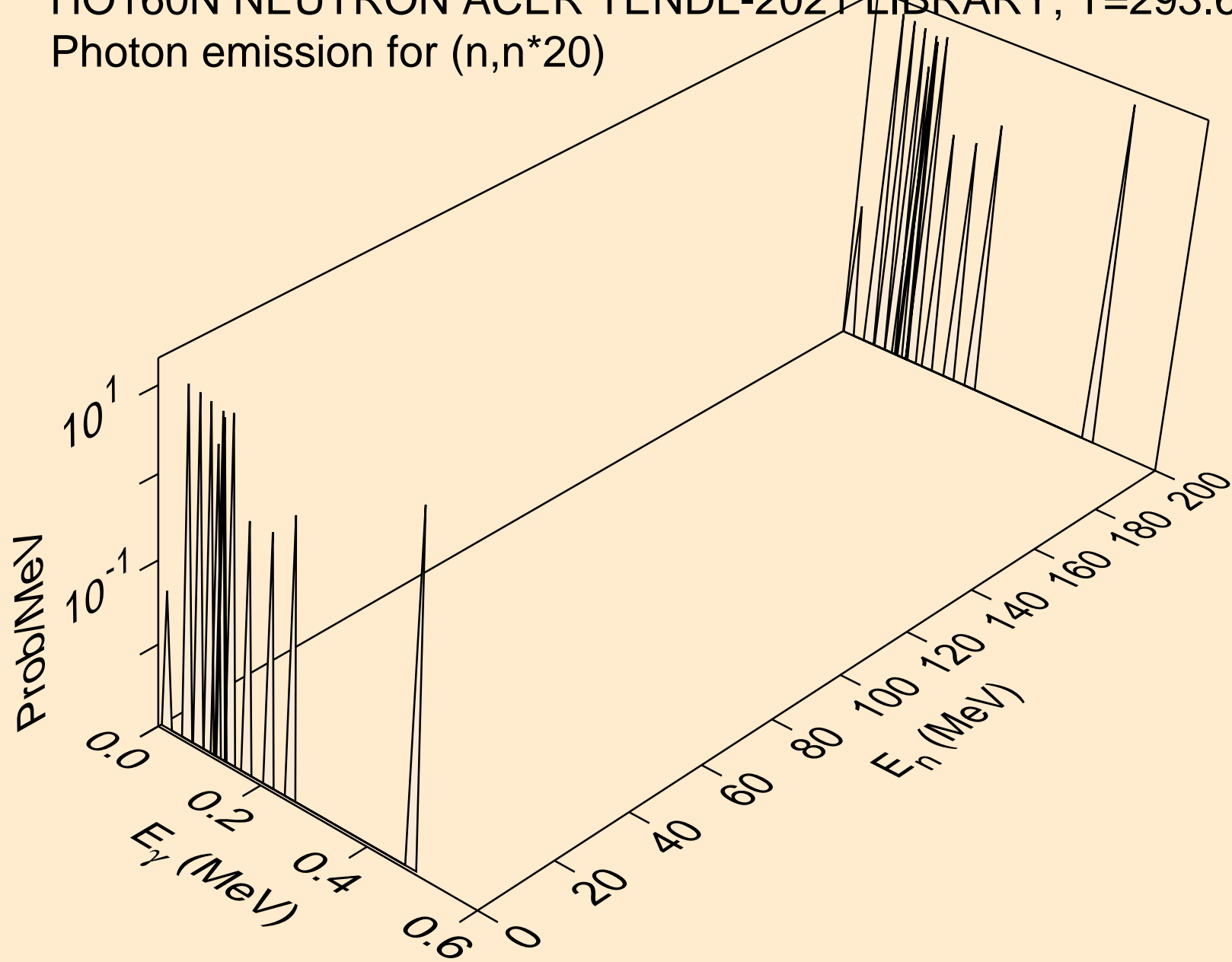
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Photon emission for (n,n\*18)



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*19)

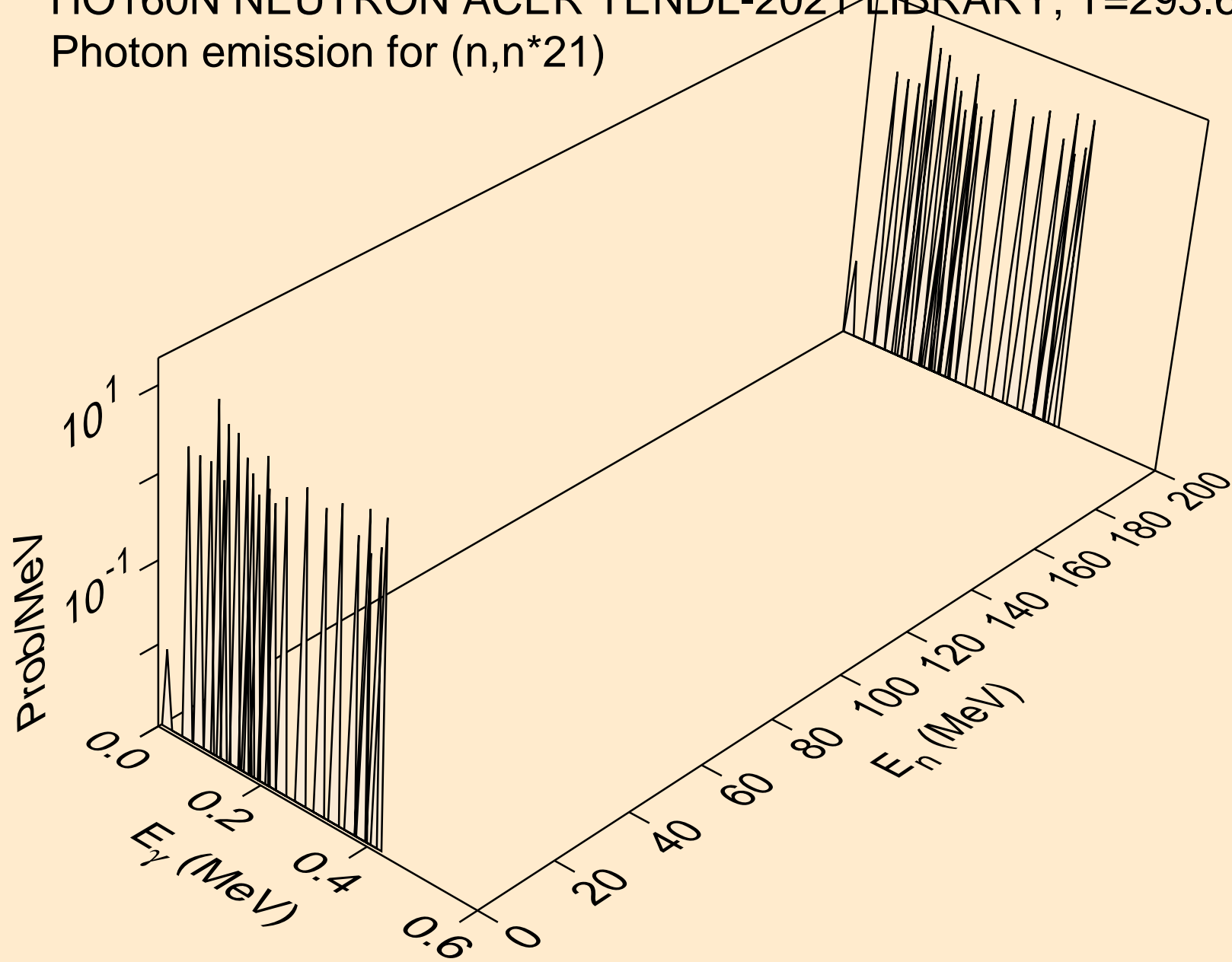


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Photon emission for (n,n\*20)

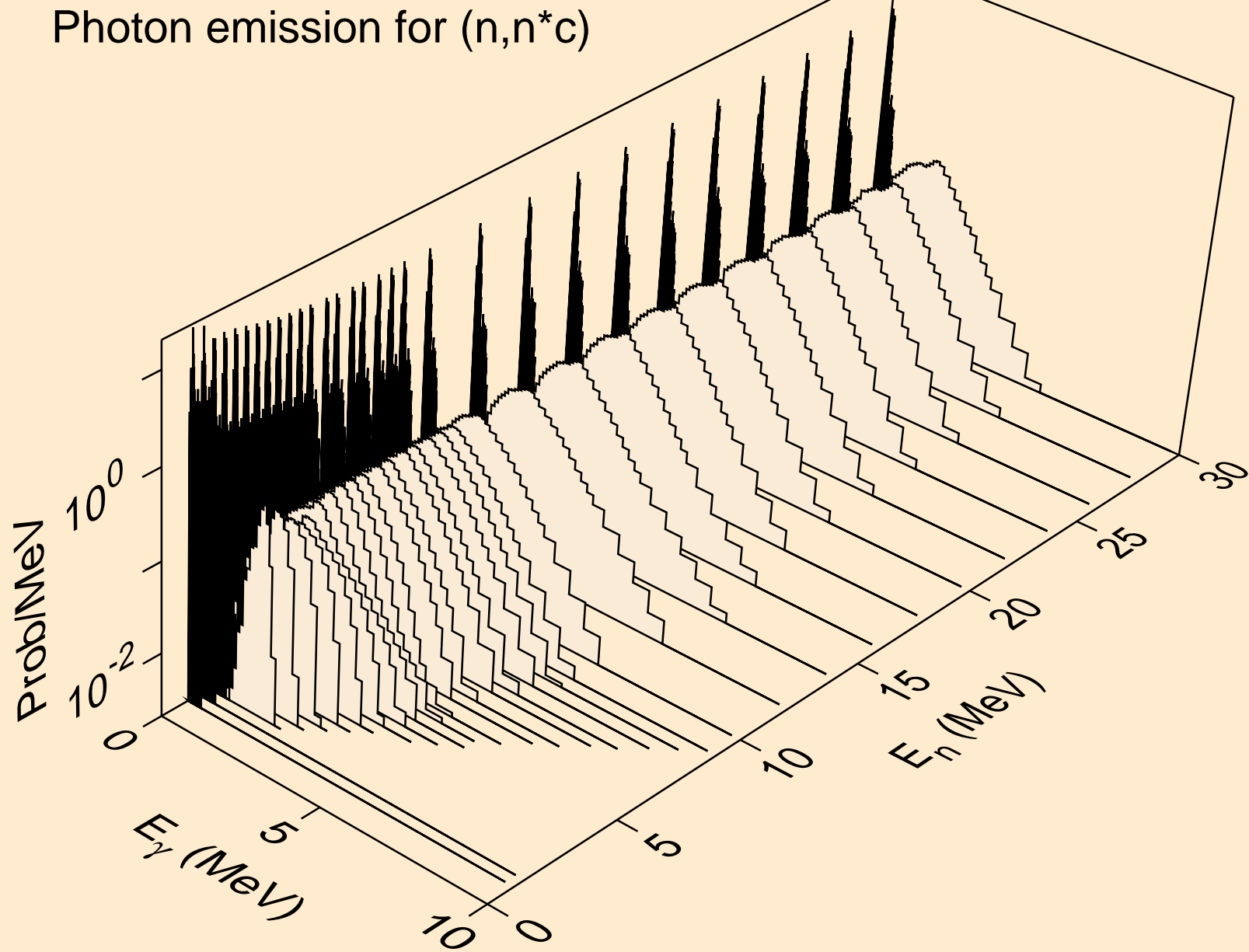




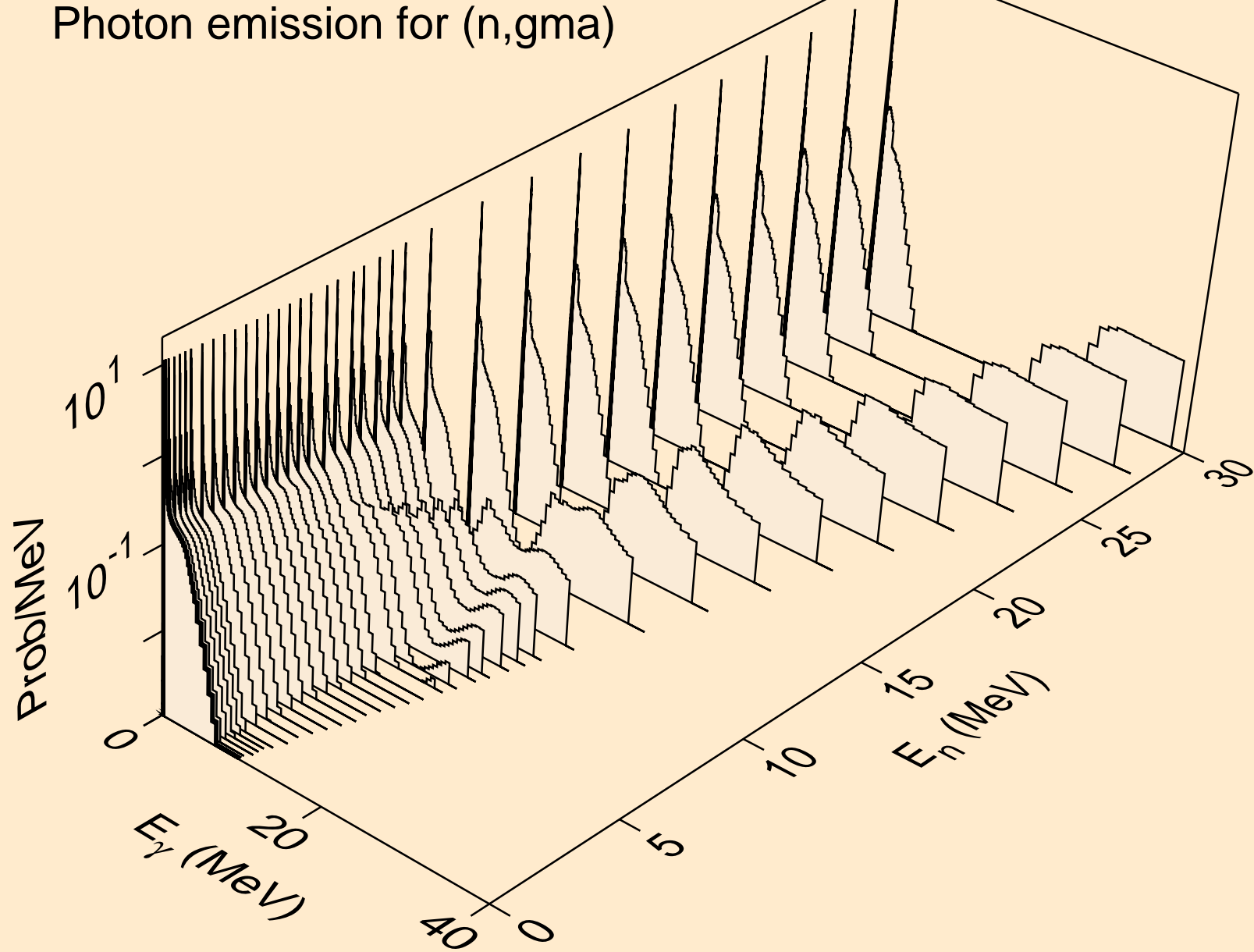
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Photon emission for (n,n\*21)



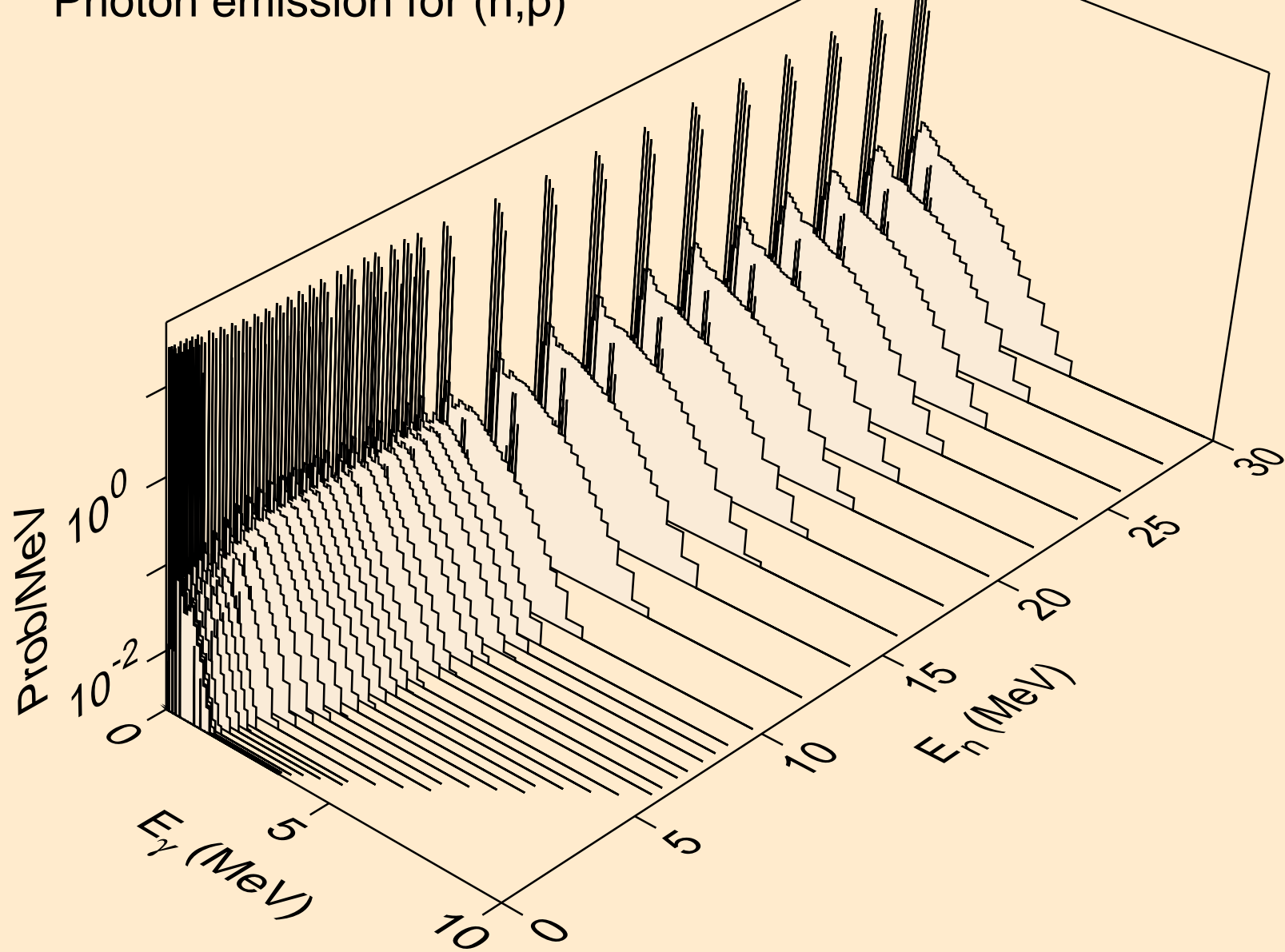
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Photon emission for (n,n\*c)



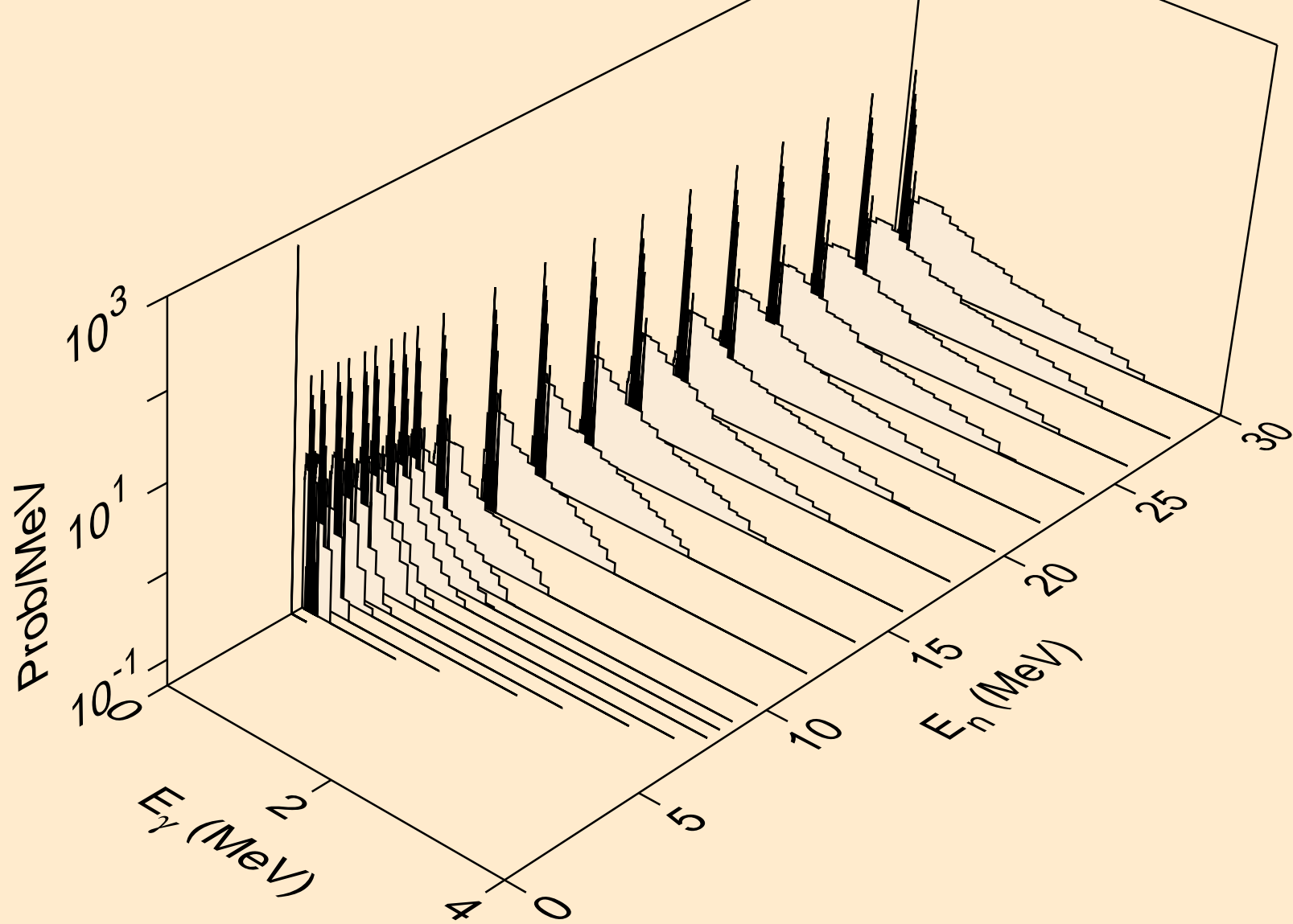
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Photon emission for (n,gma)



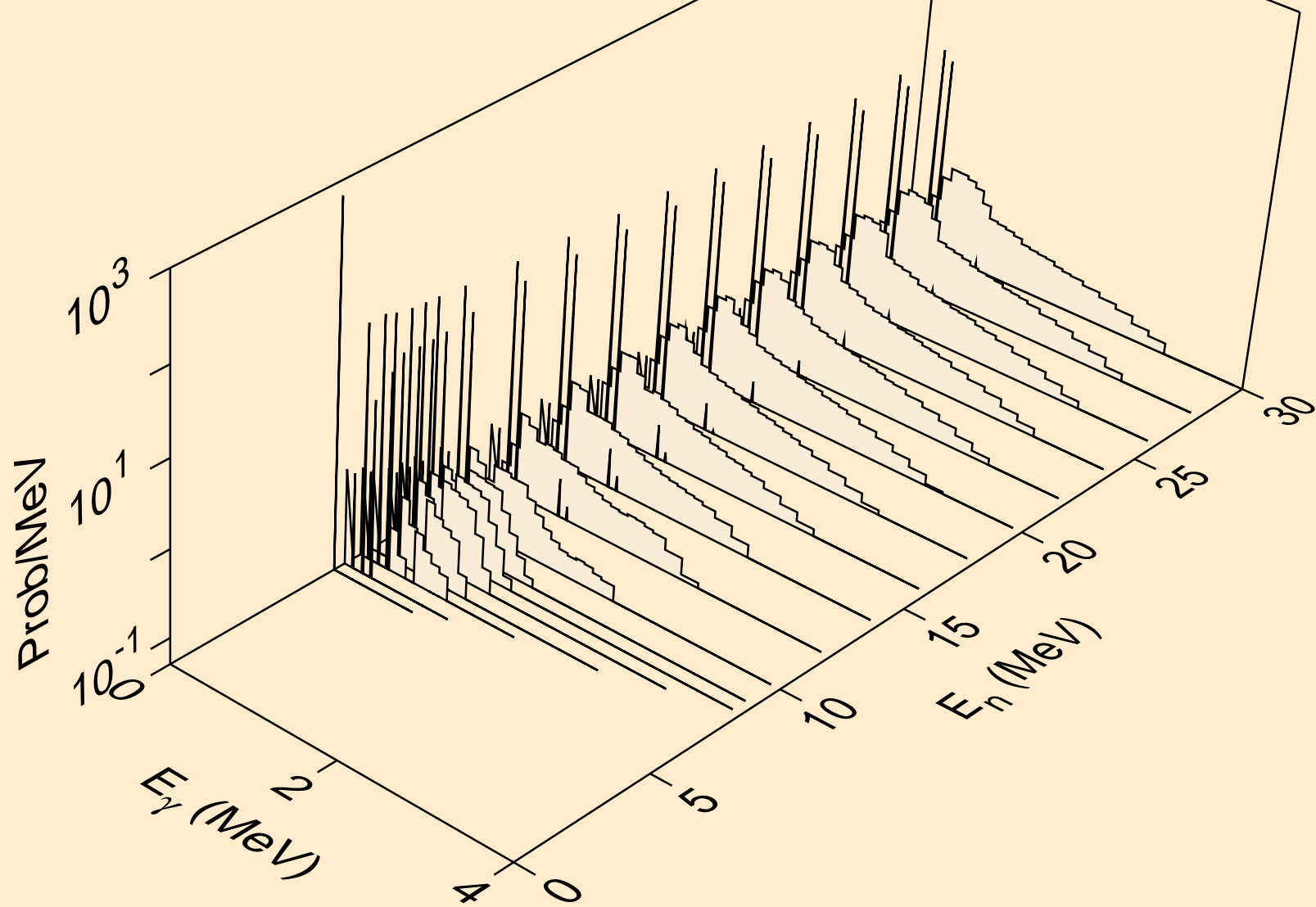
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Photon emission for (n,p)



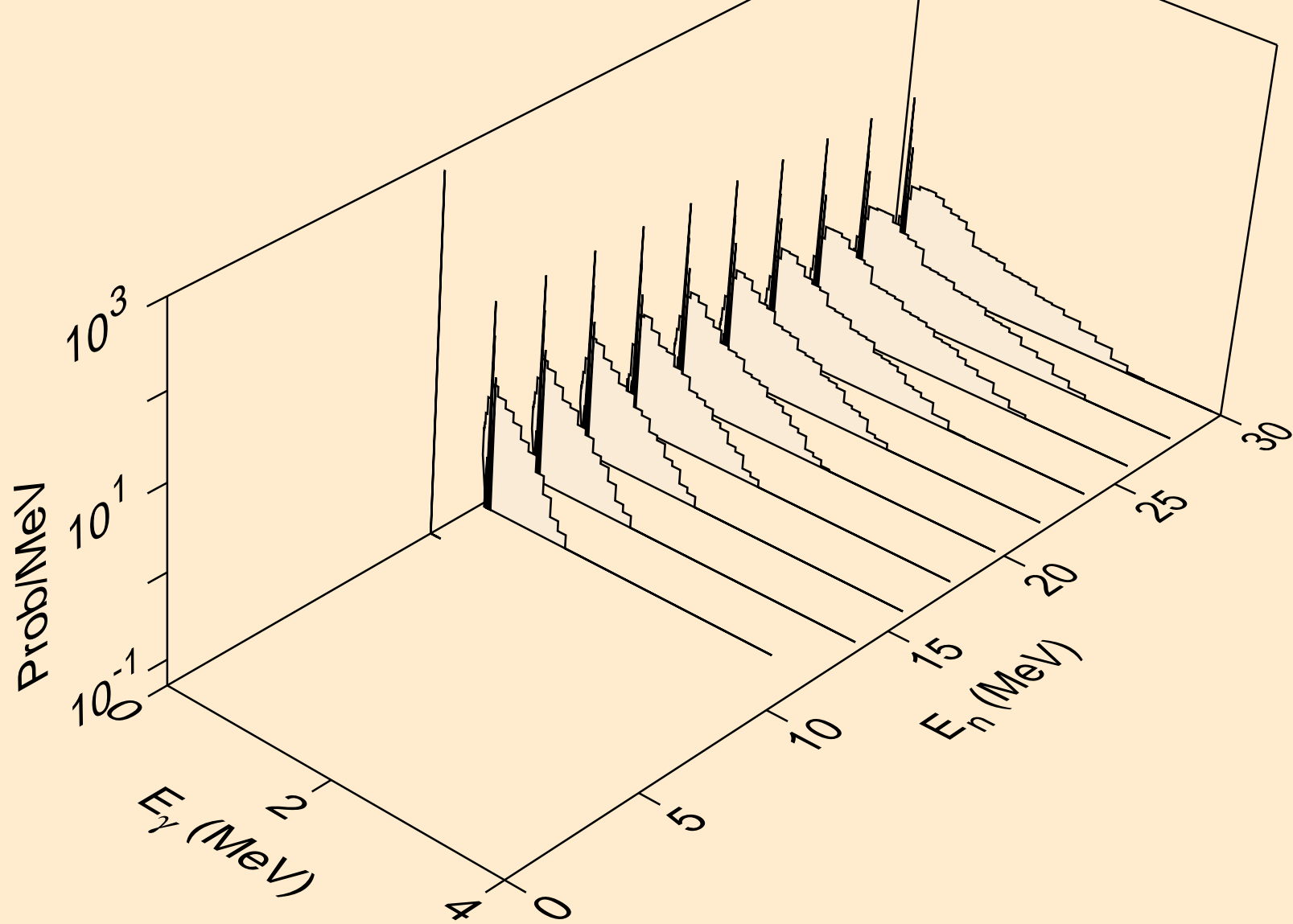
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Photon emission for (n,d)



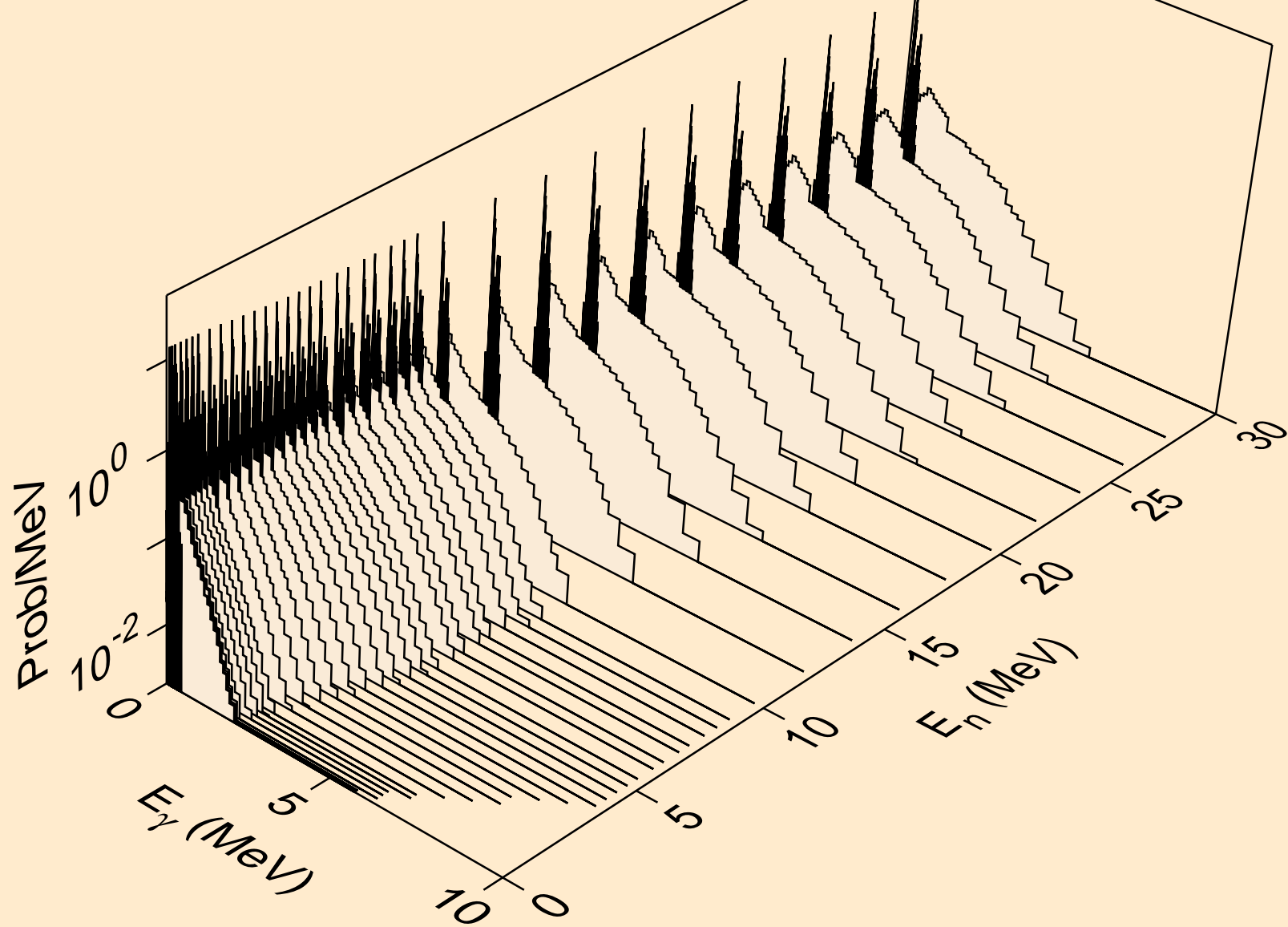
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

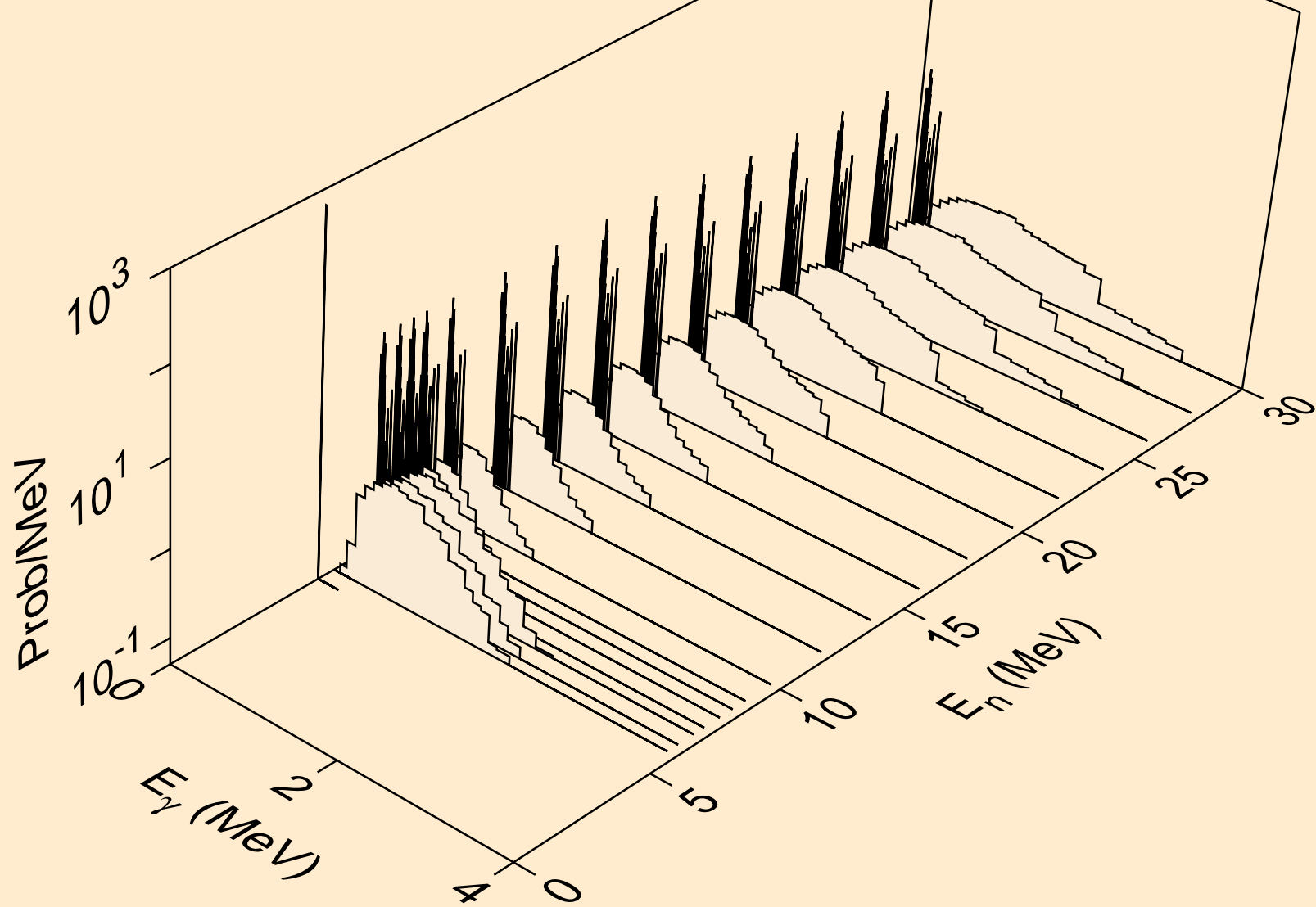


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Photon emission for (n,a)

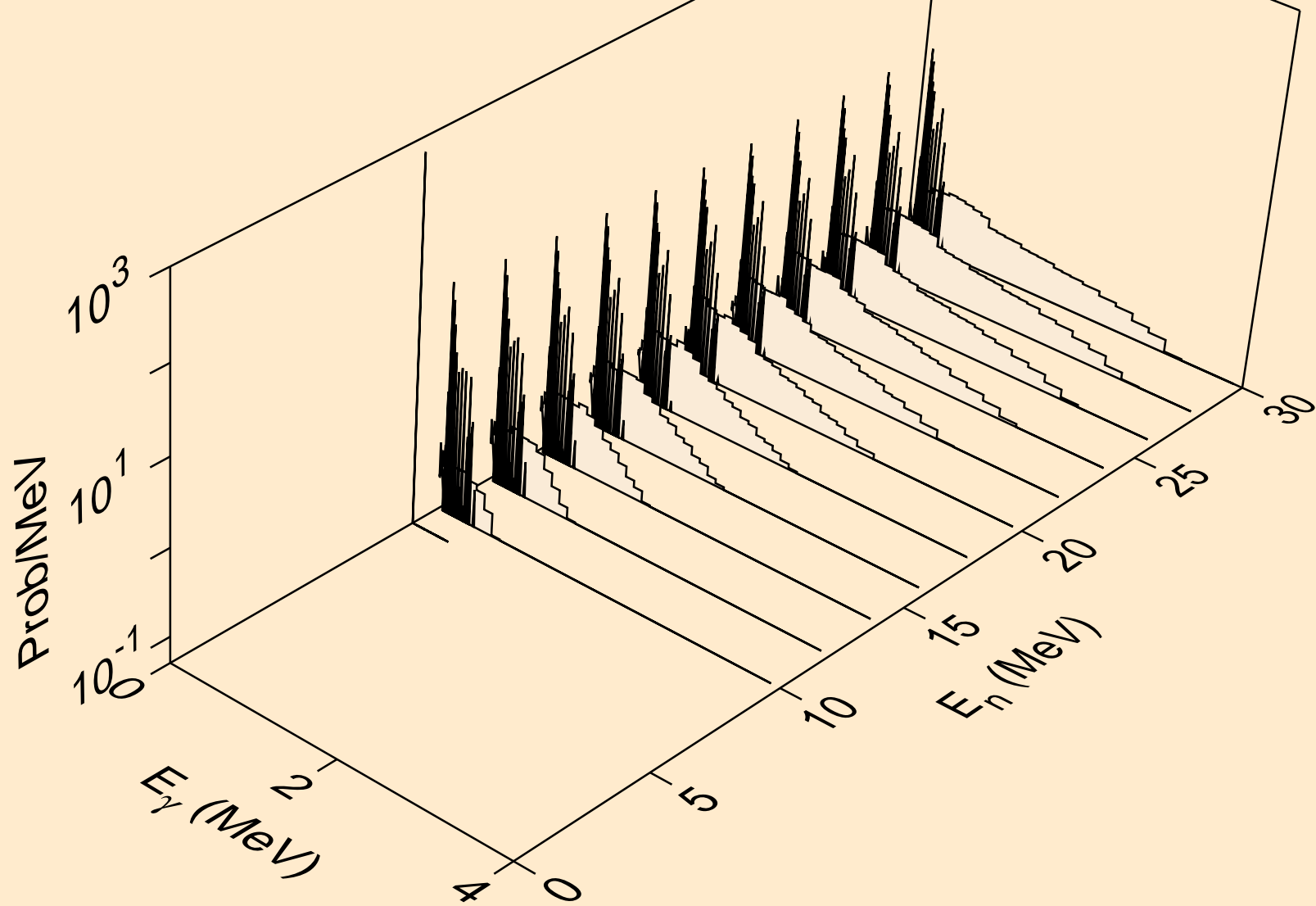




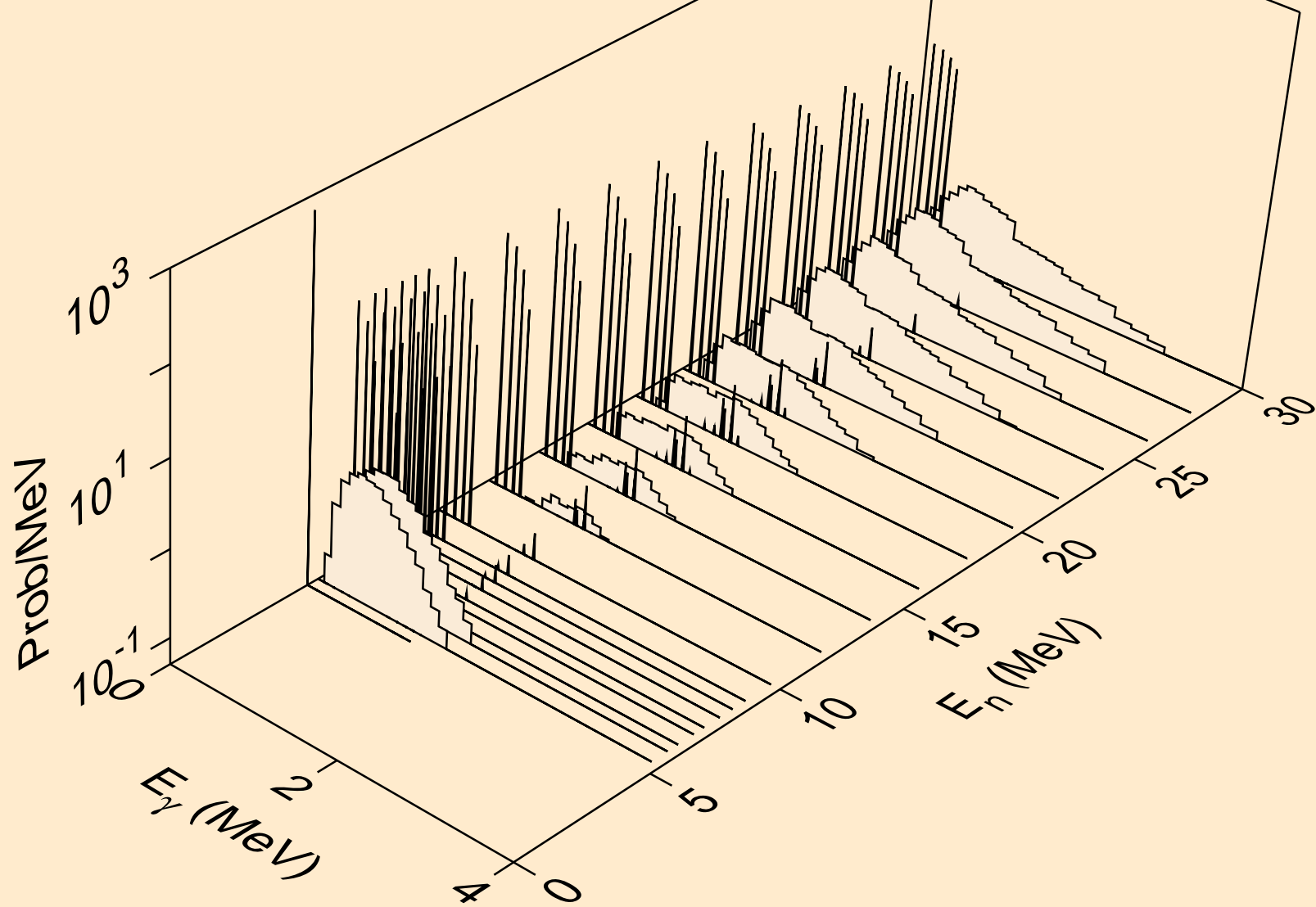
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Photon emission for (n,2a)



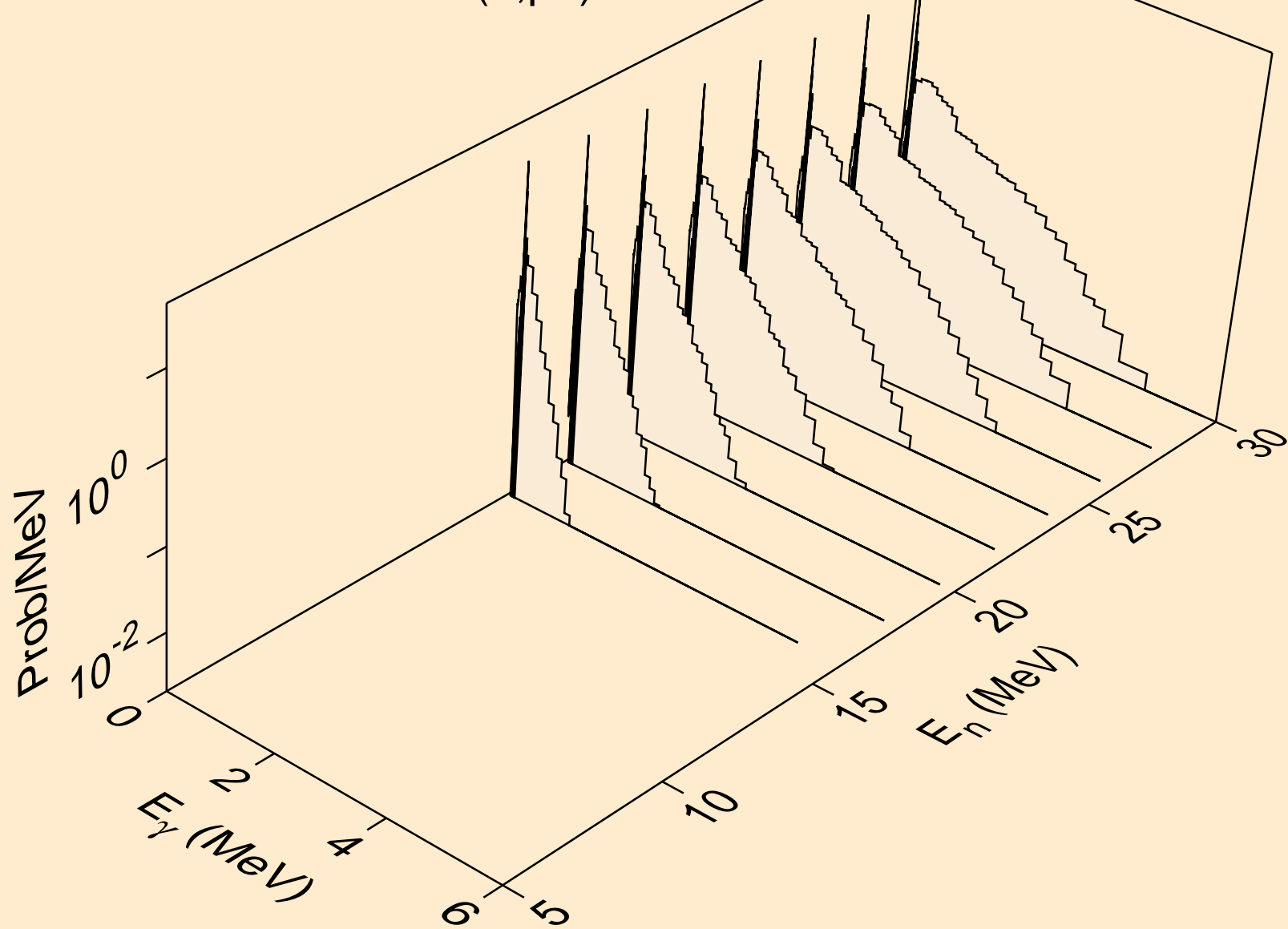
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Photon emission for (n,2p)



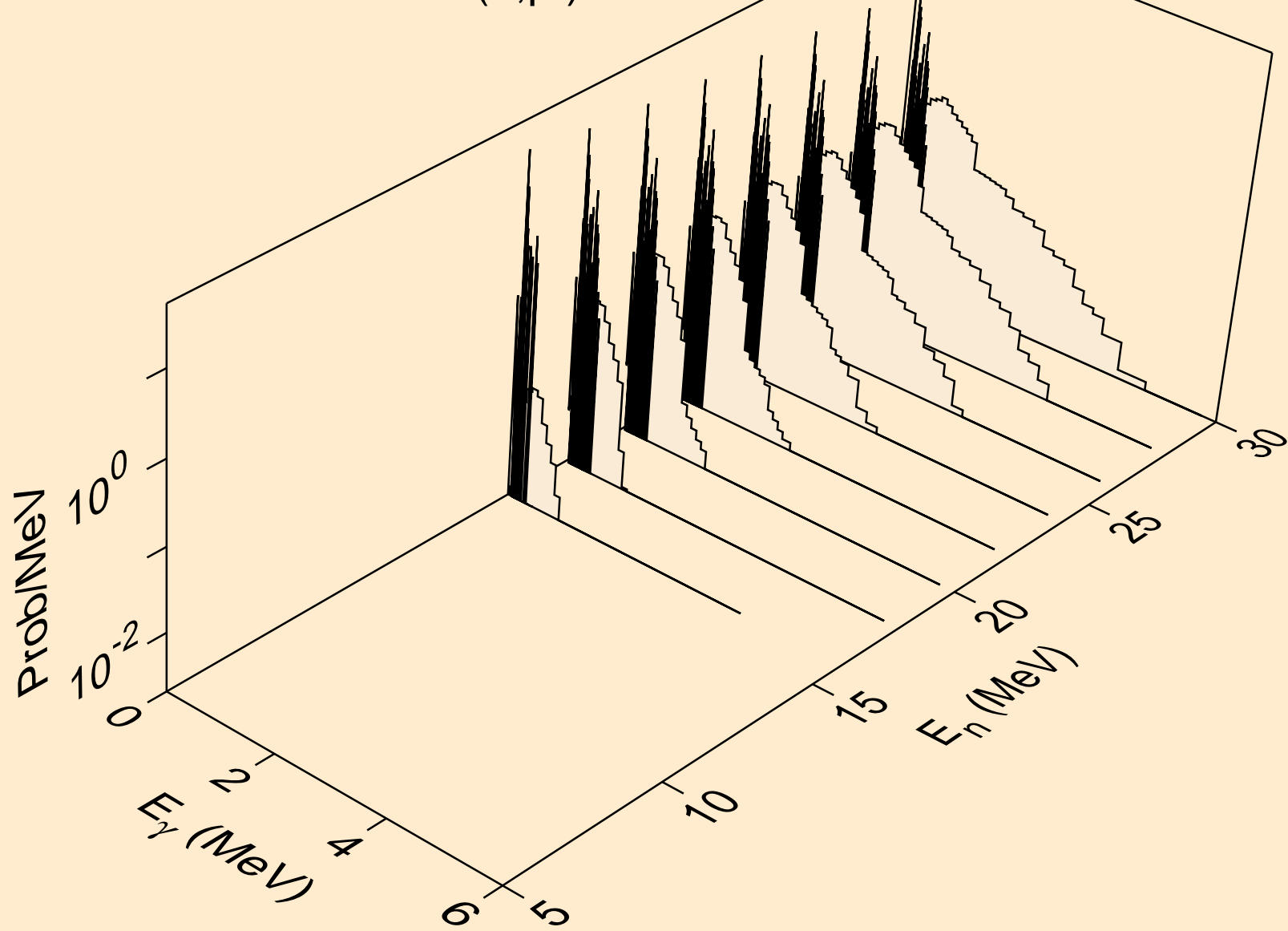
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Photon emission for (n,p $\alpha$ )



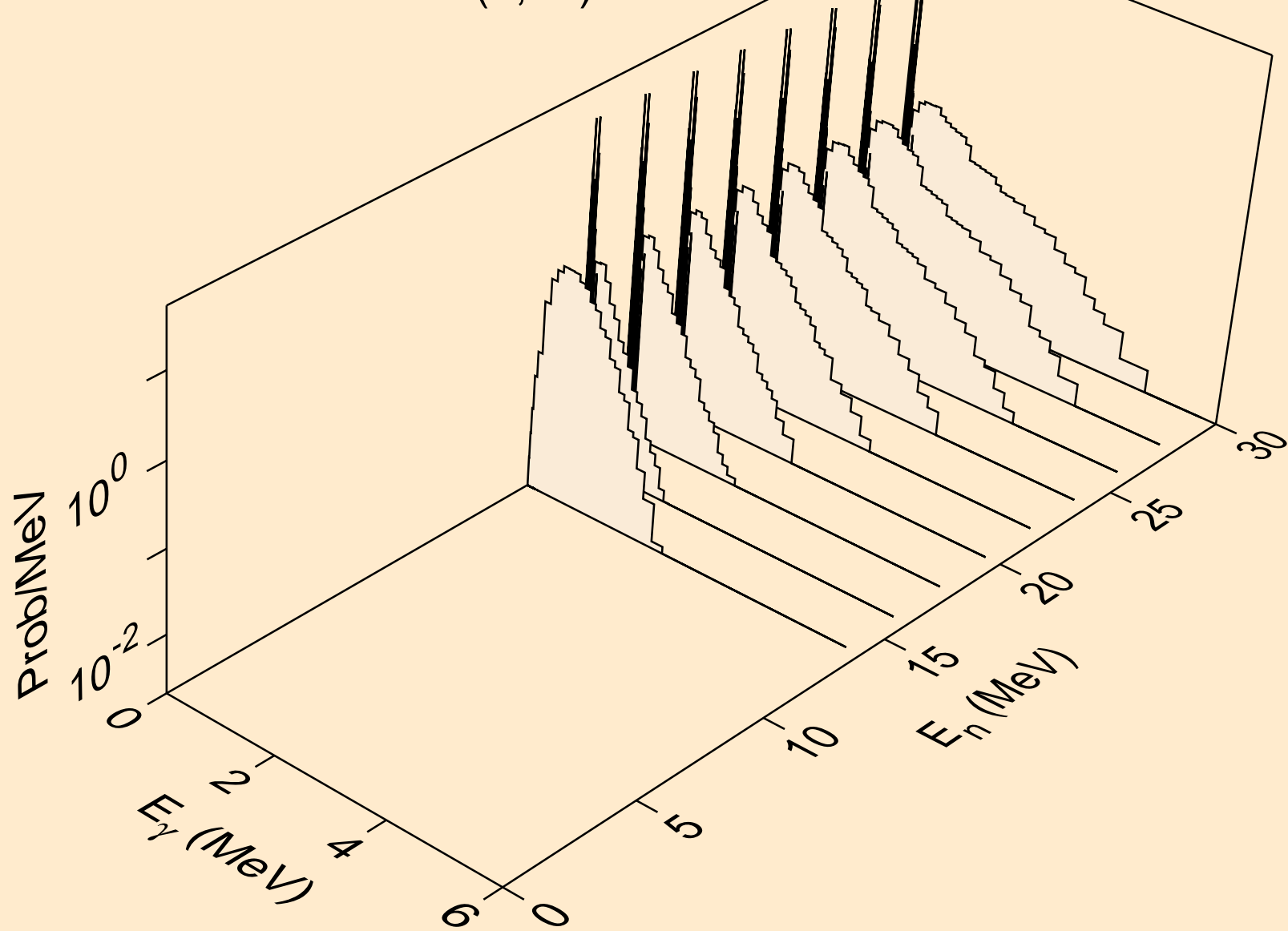
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Photon emission for (n,pd)



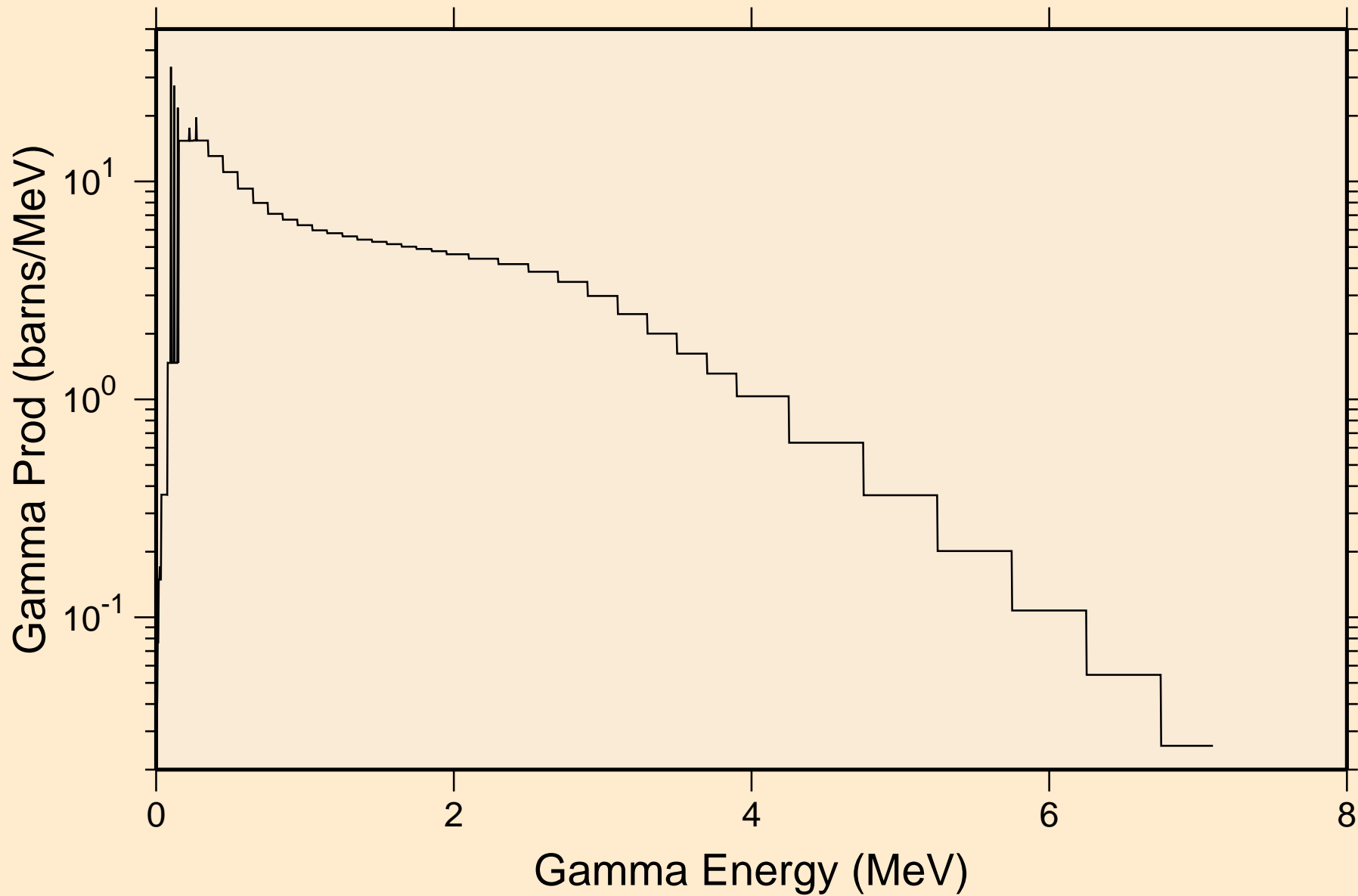
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Photon emission for (n,pt)



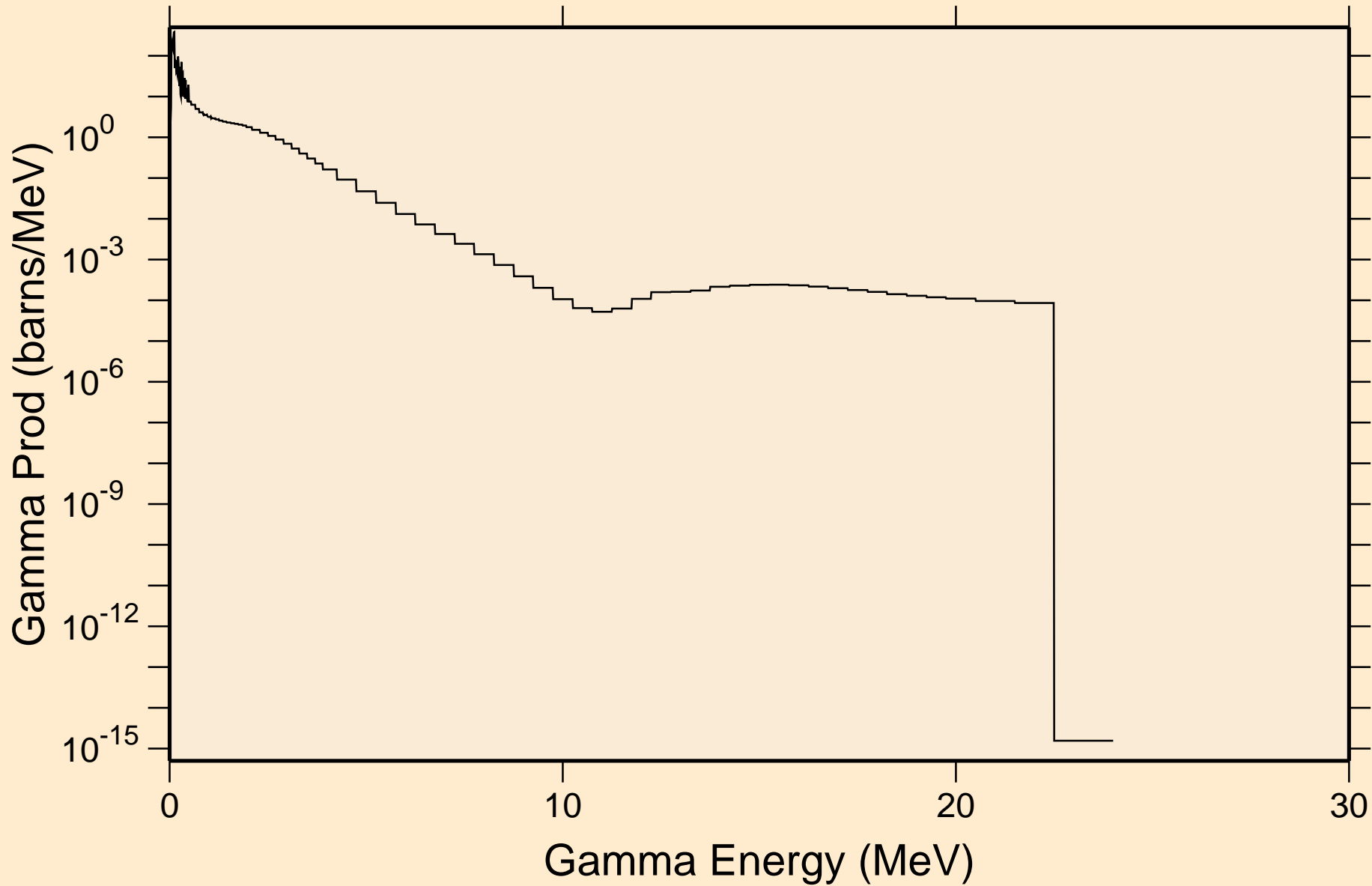
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



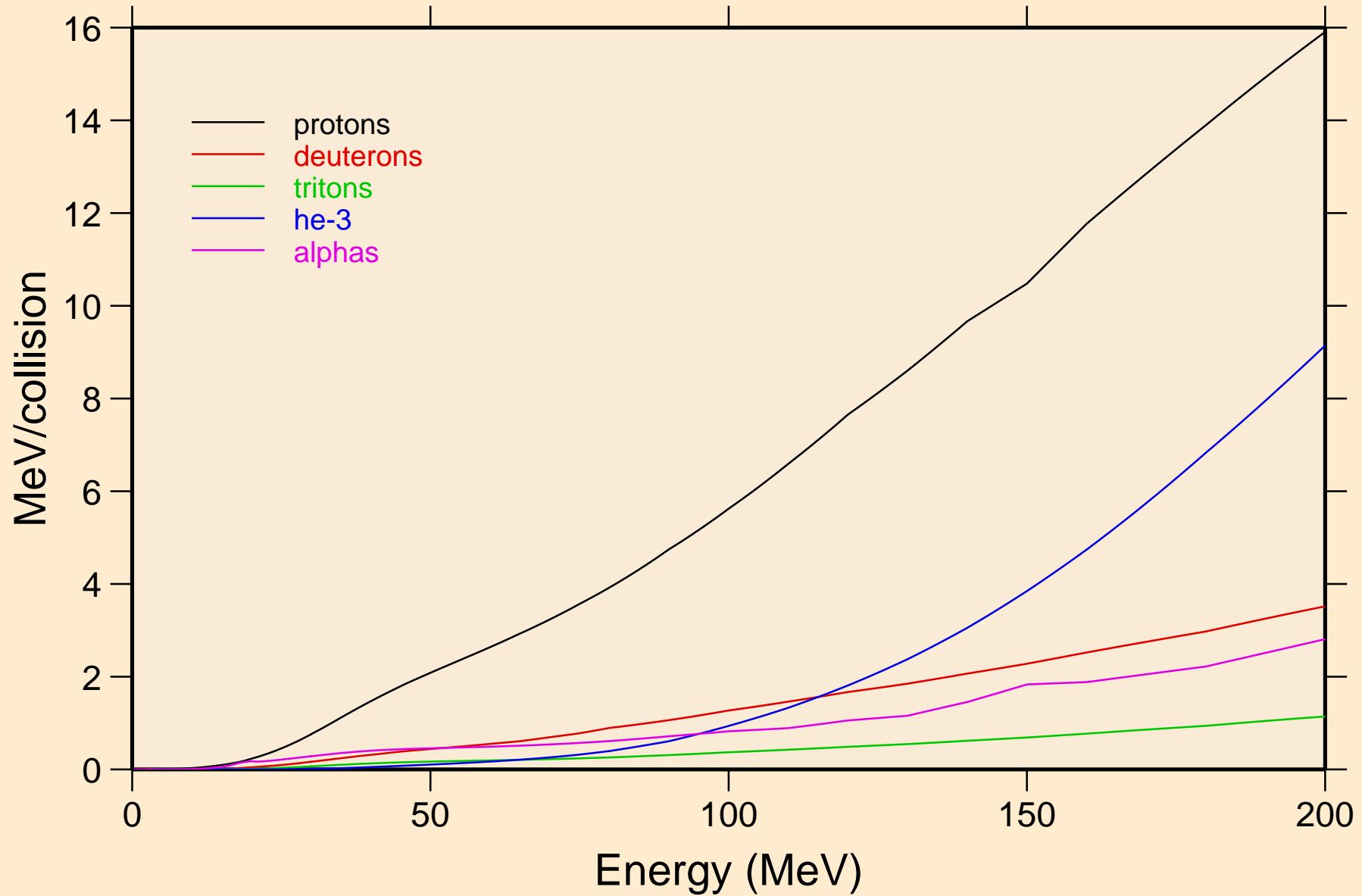
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14 MeV photon spectrum



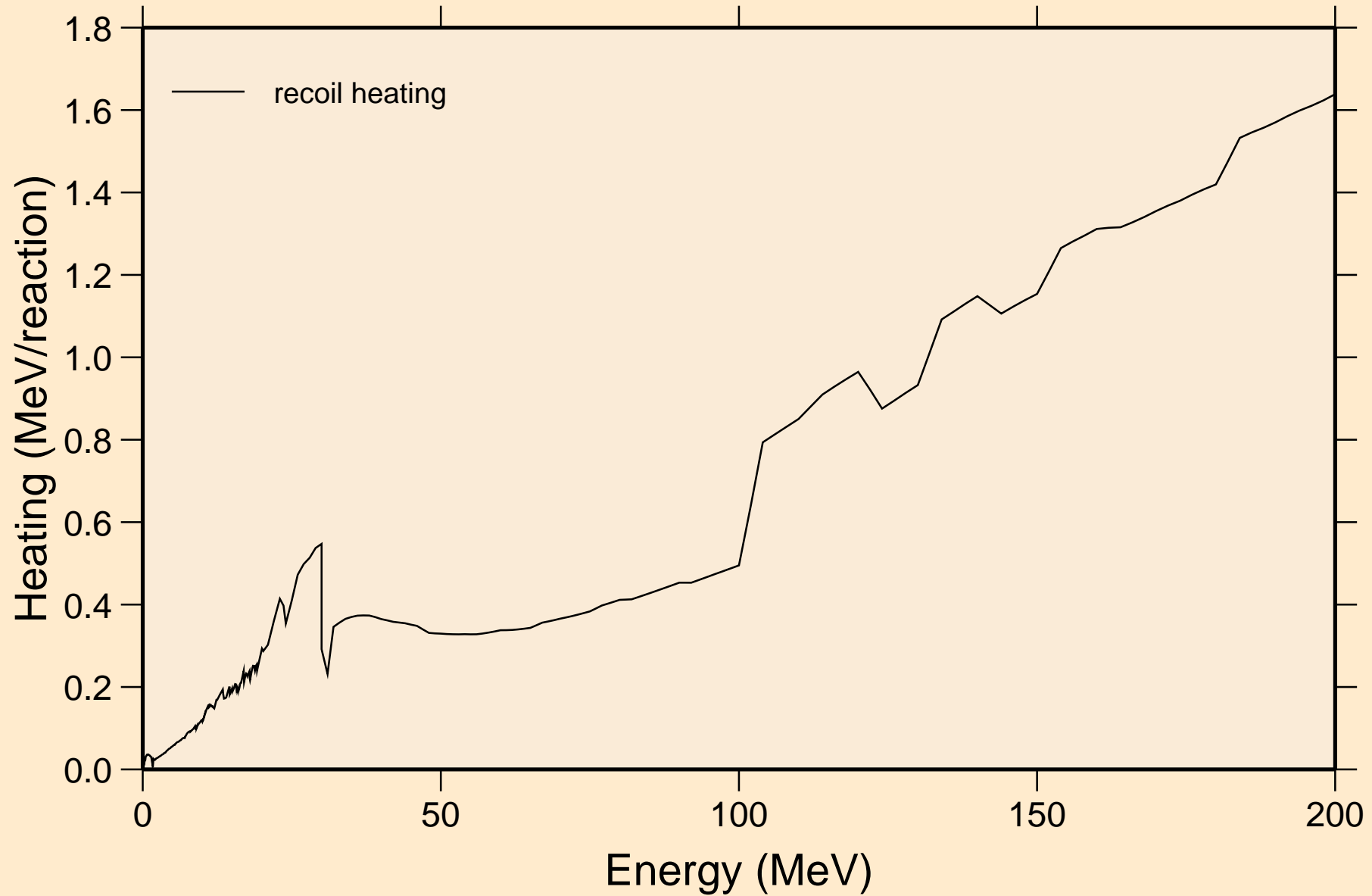


# HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

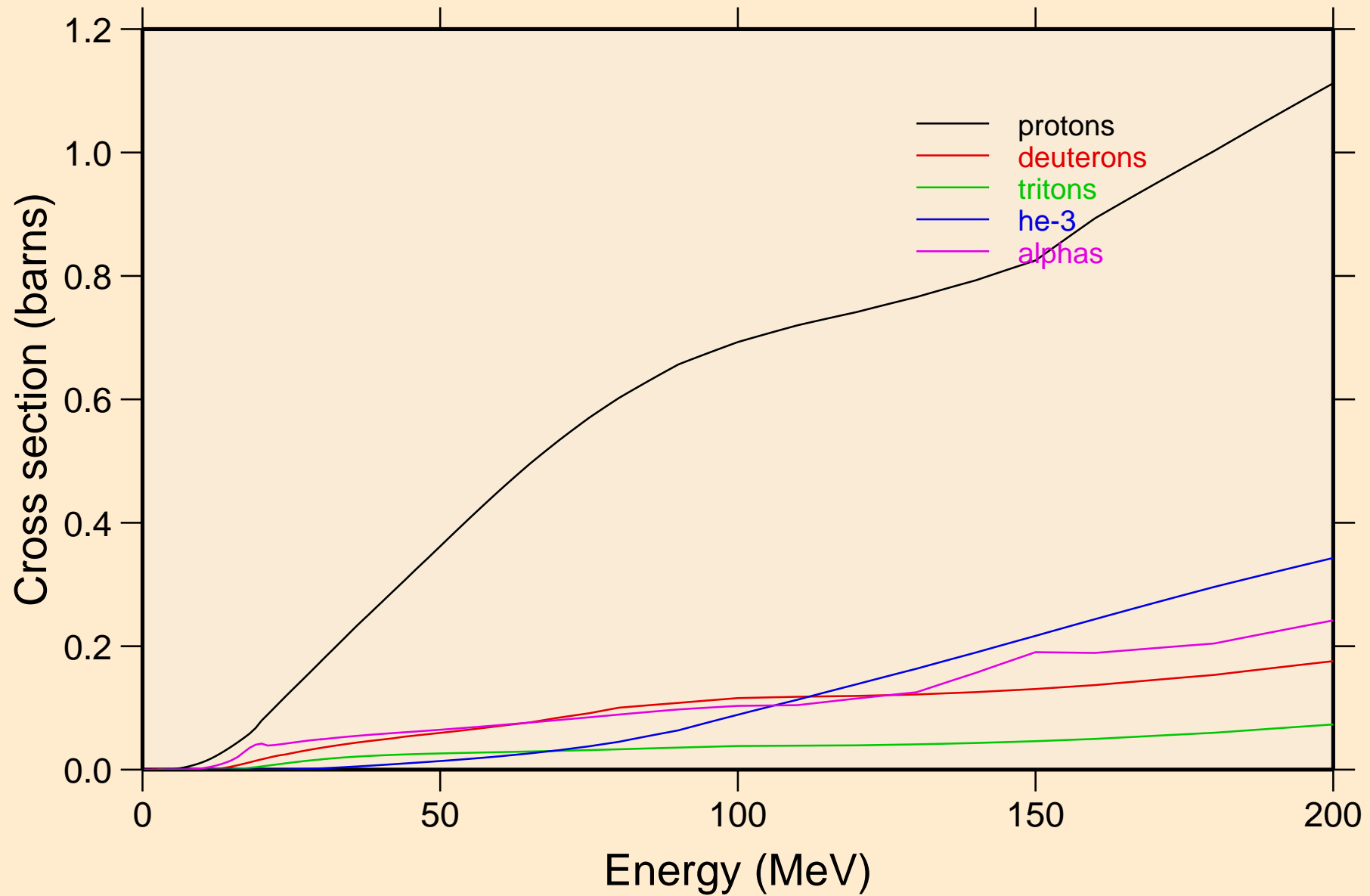
## Particle heating contributions



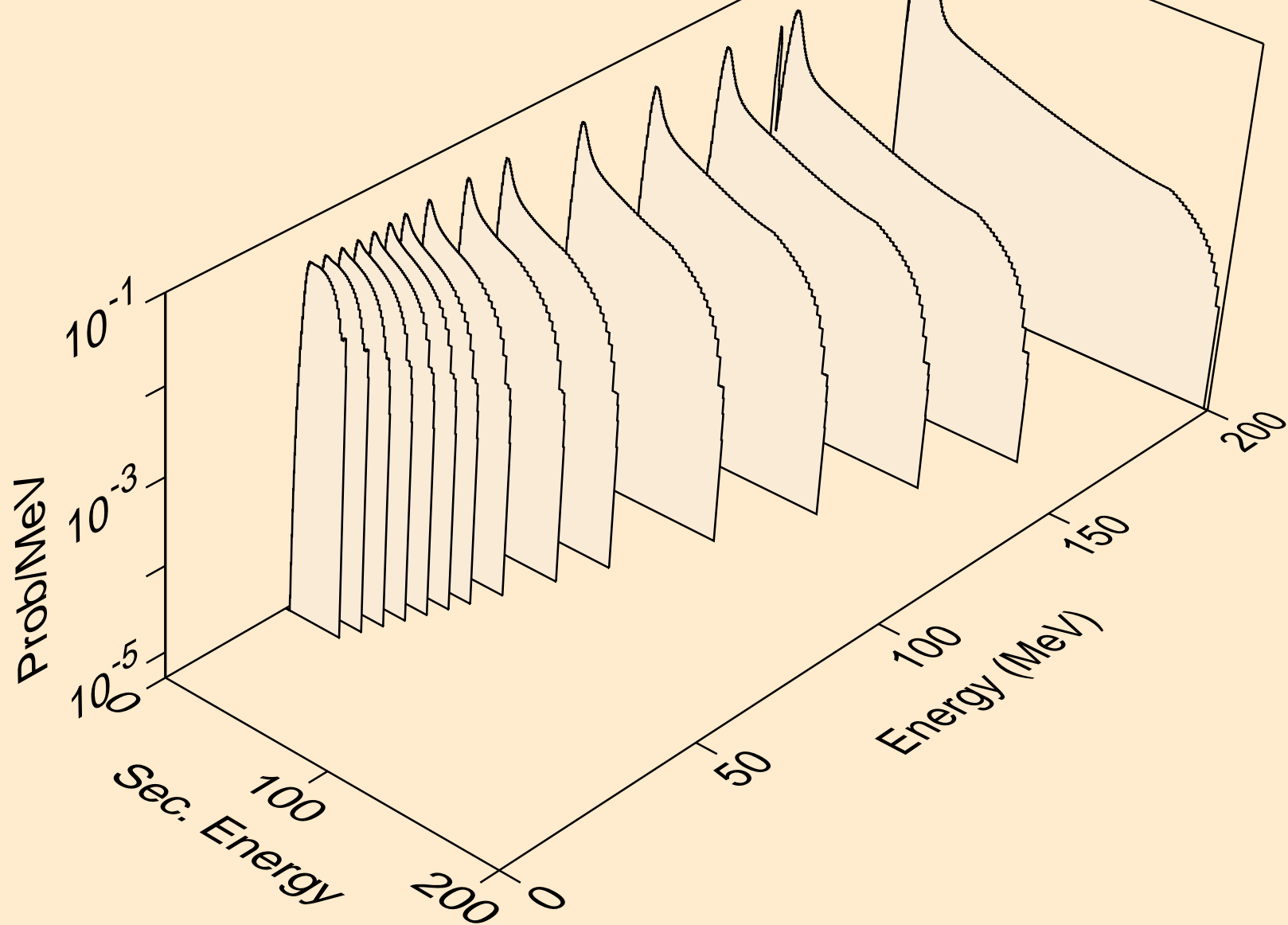
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Recoil Heating



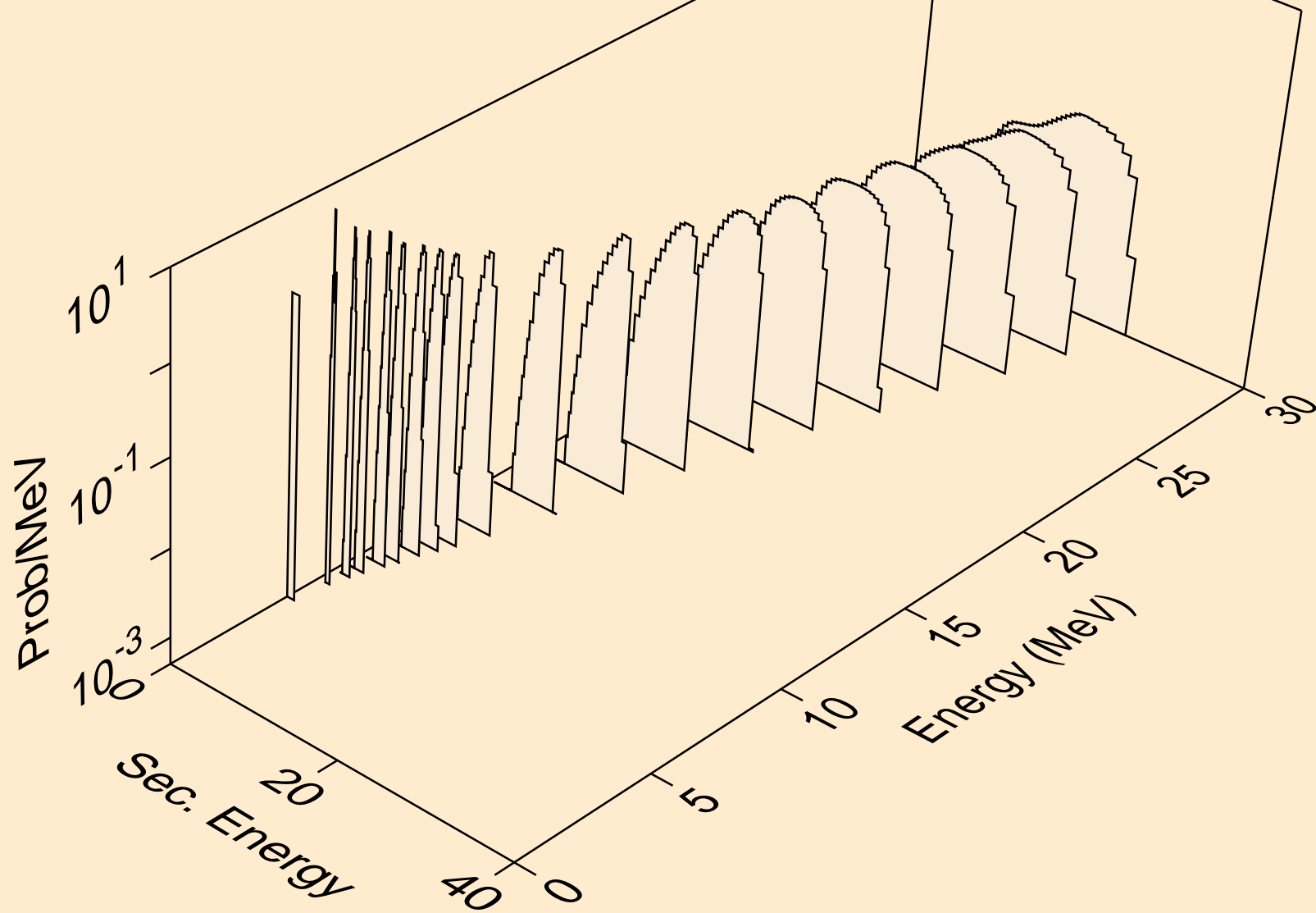
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



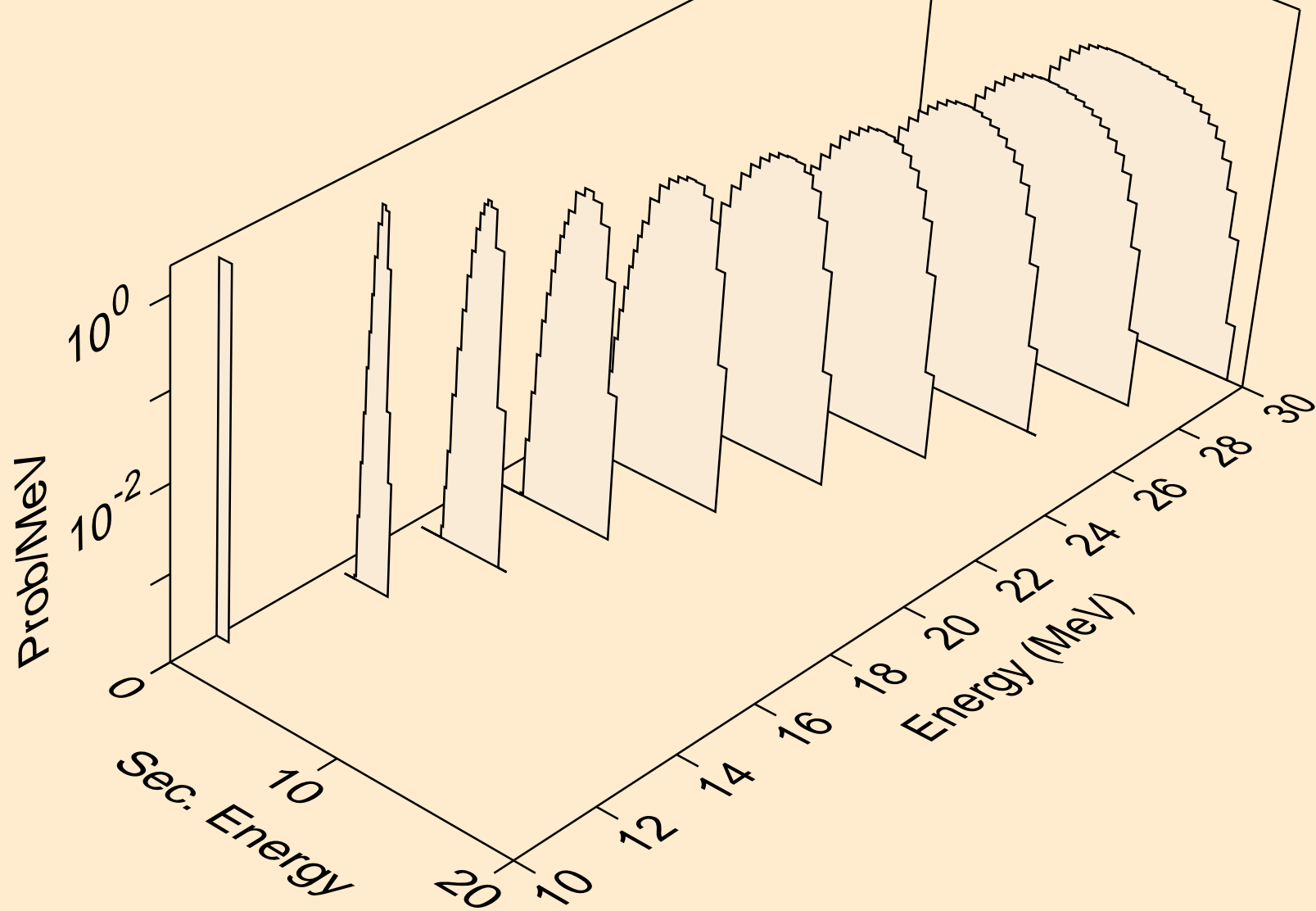
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protons from (n,x)



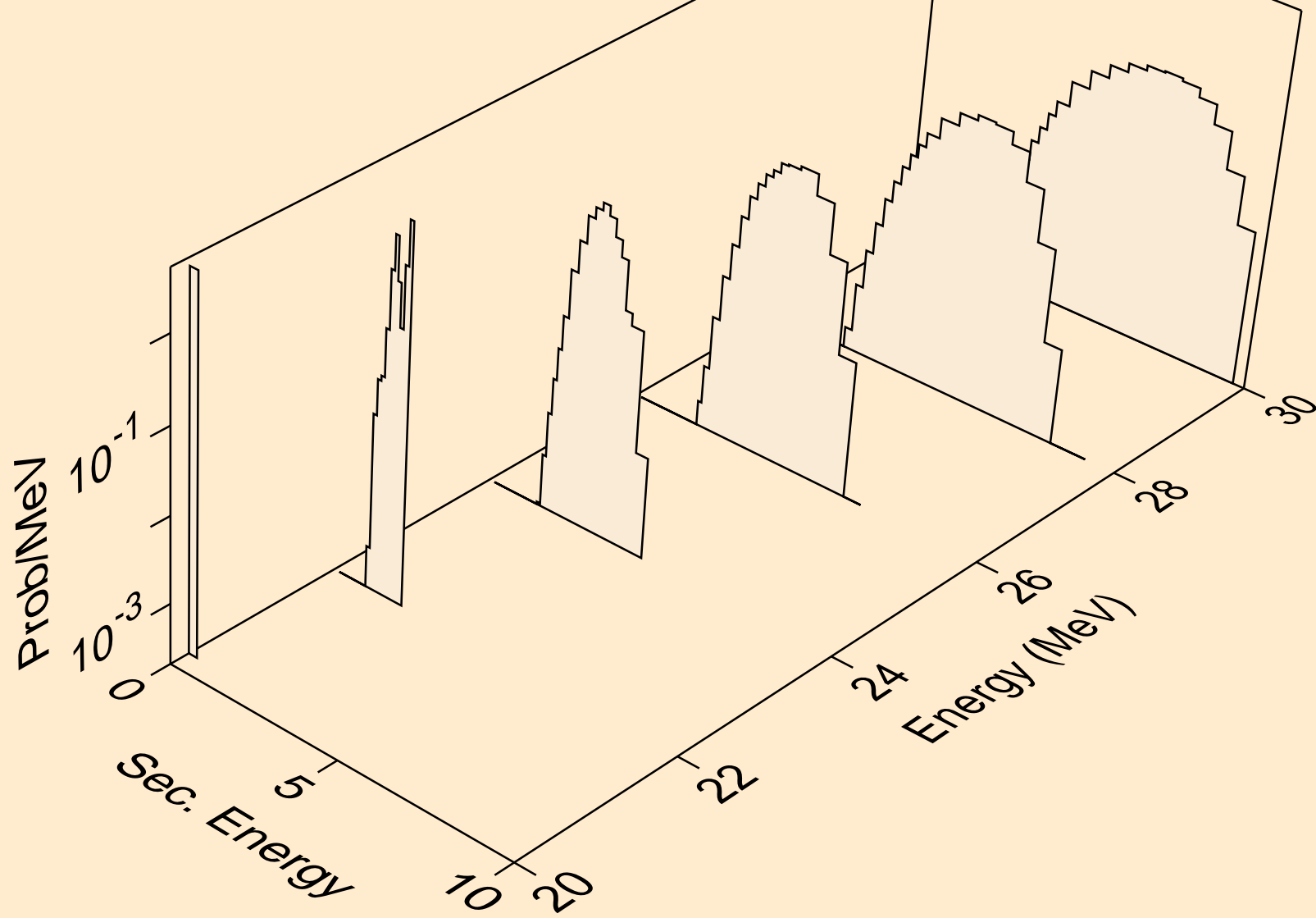
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protons from (n,n\*)p



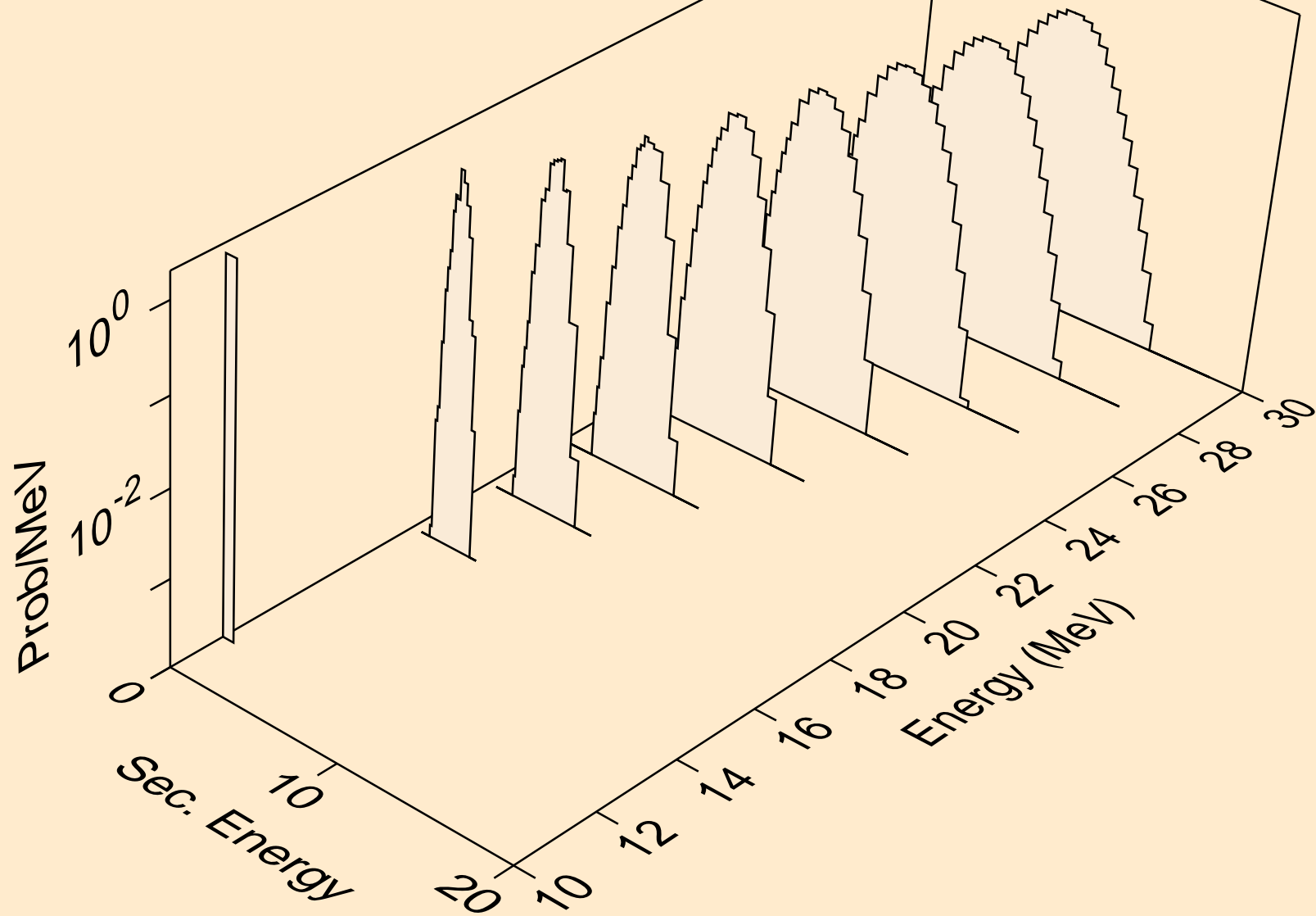
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)

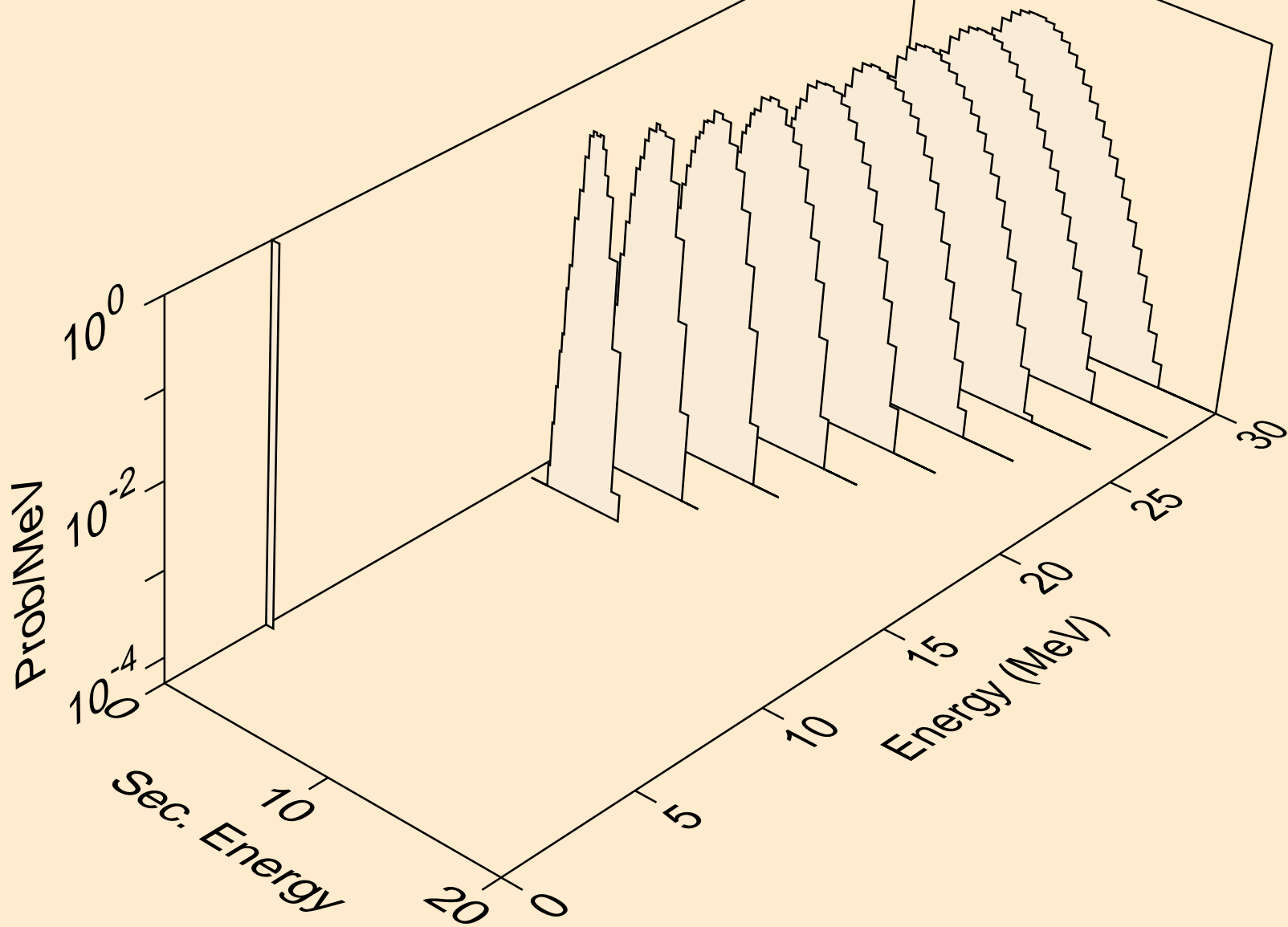


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protons from (n,2np)

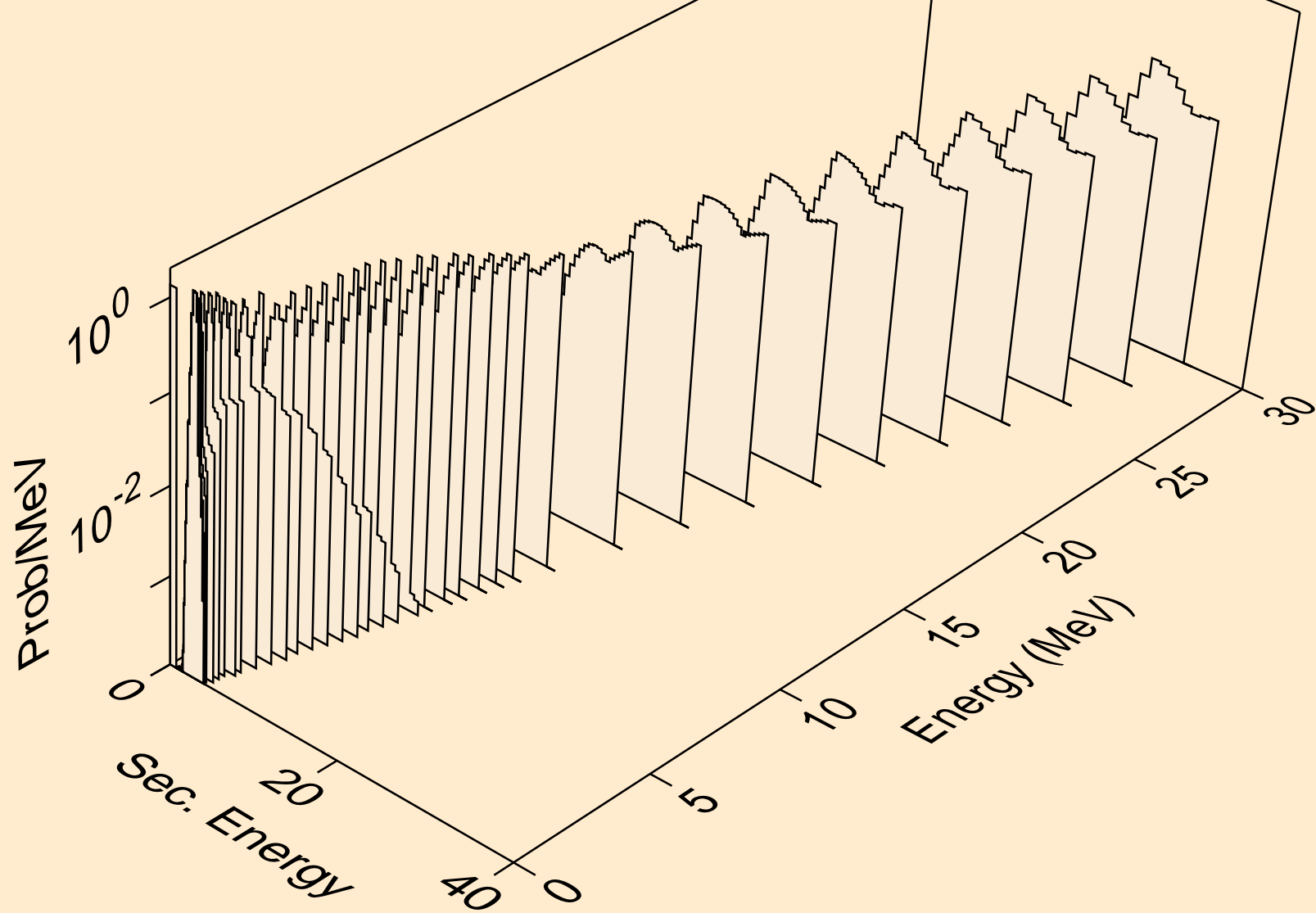




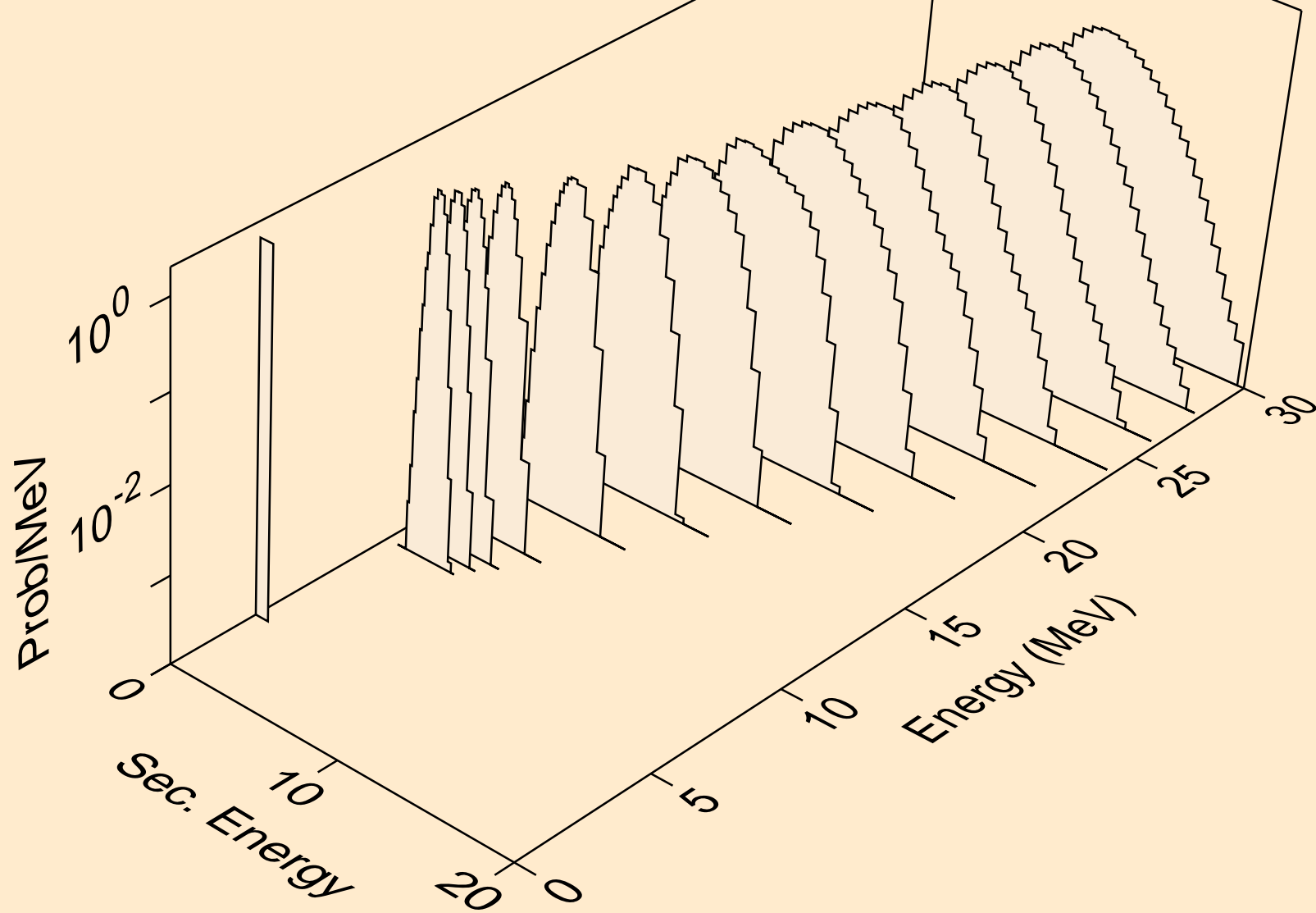
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protons from (n,npa)



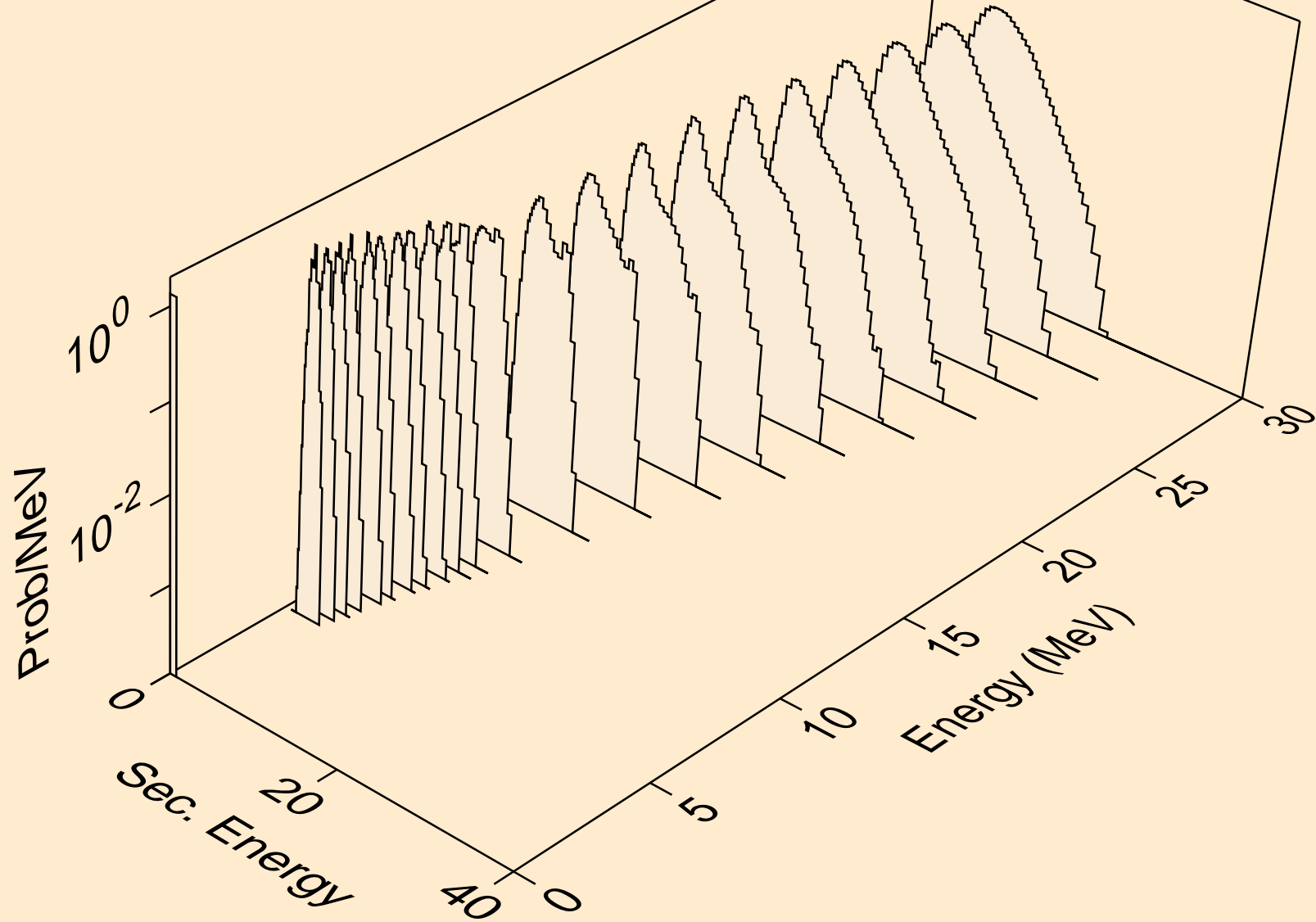
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protons from (n,p)



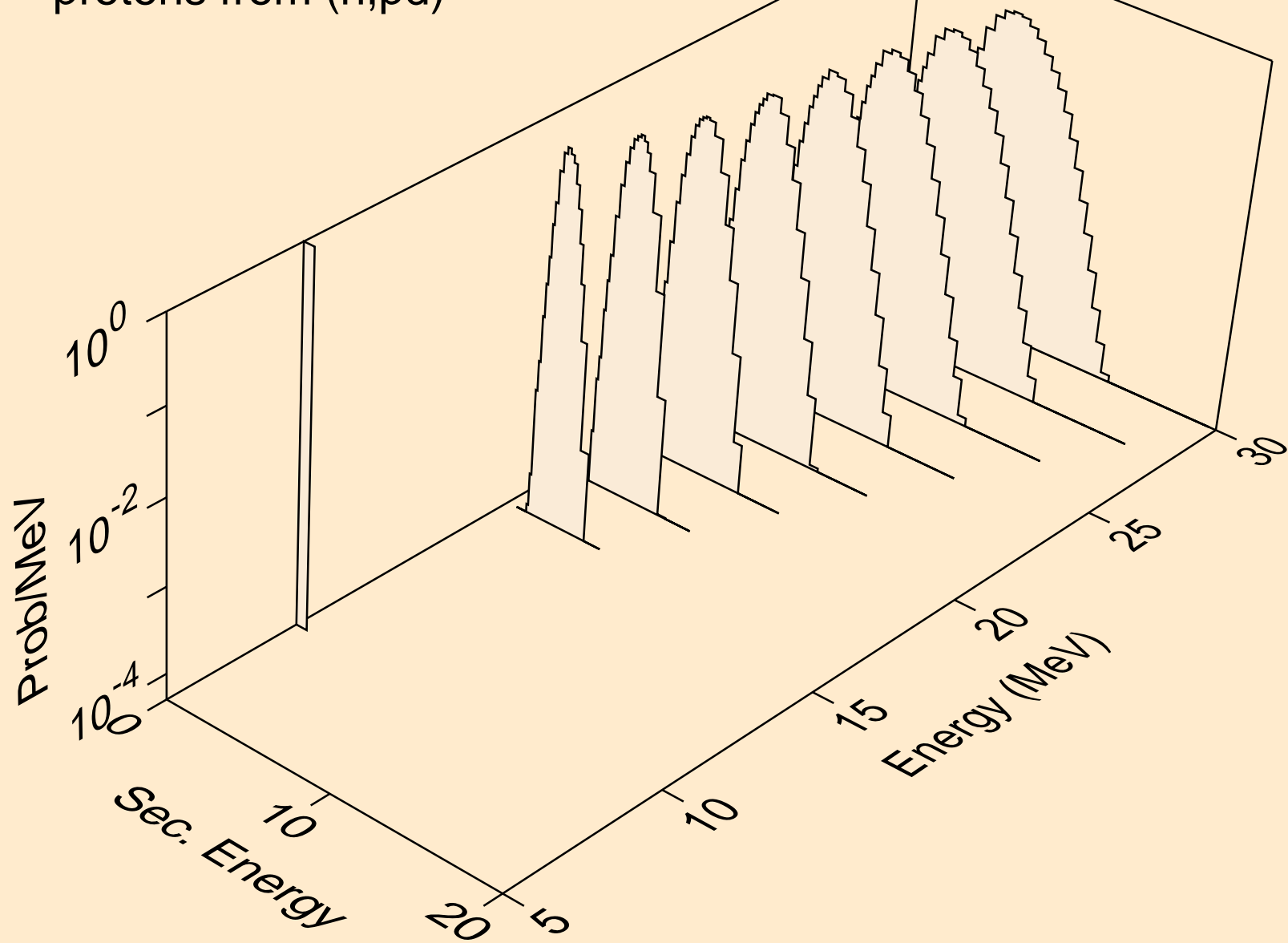
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)



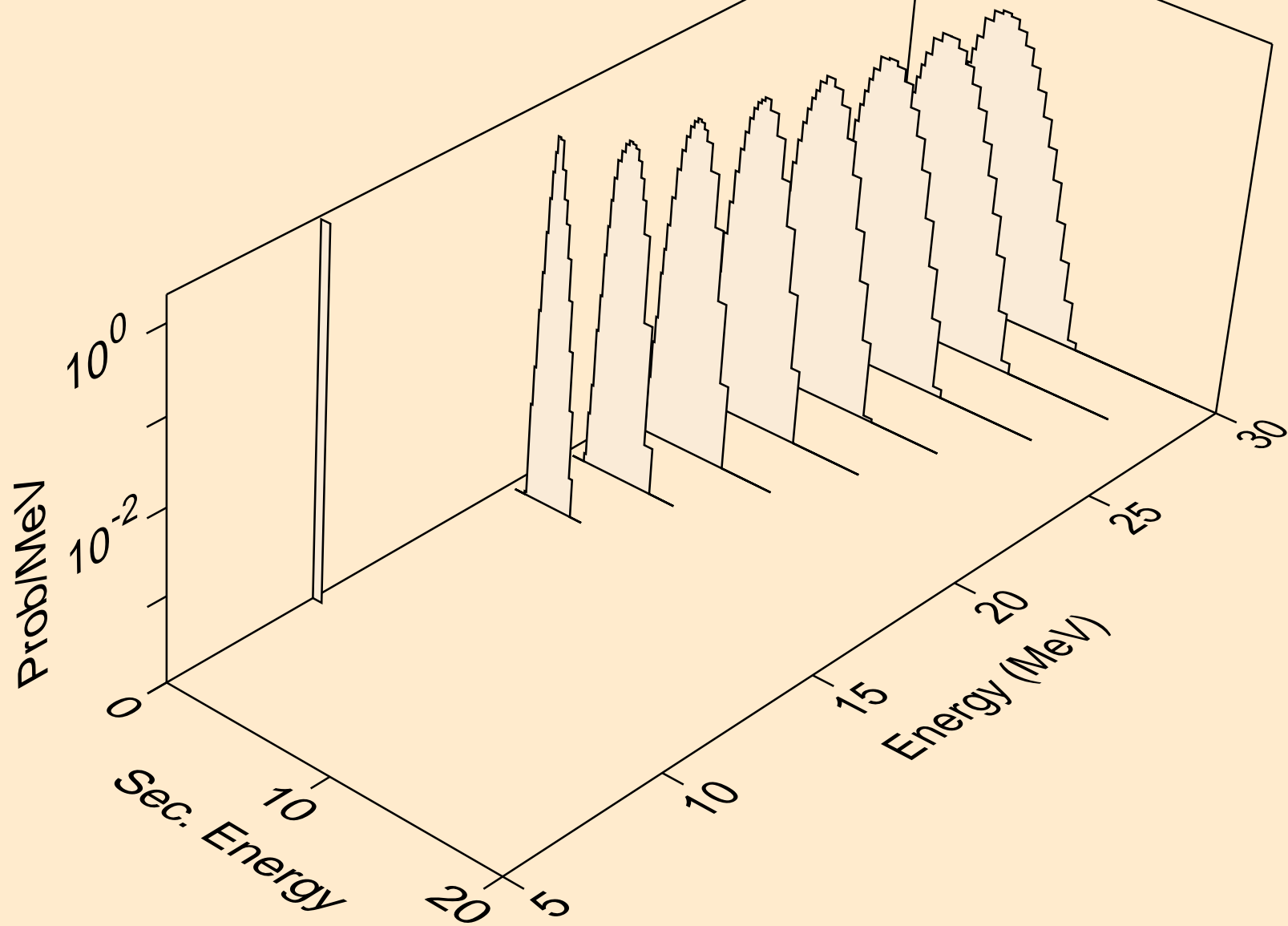
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



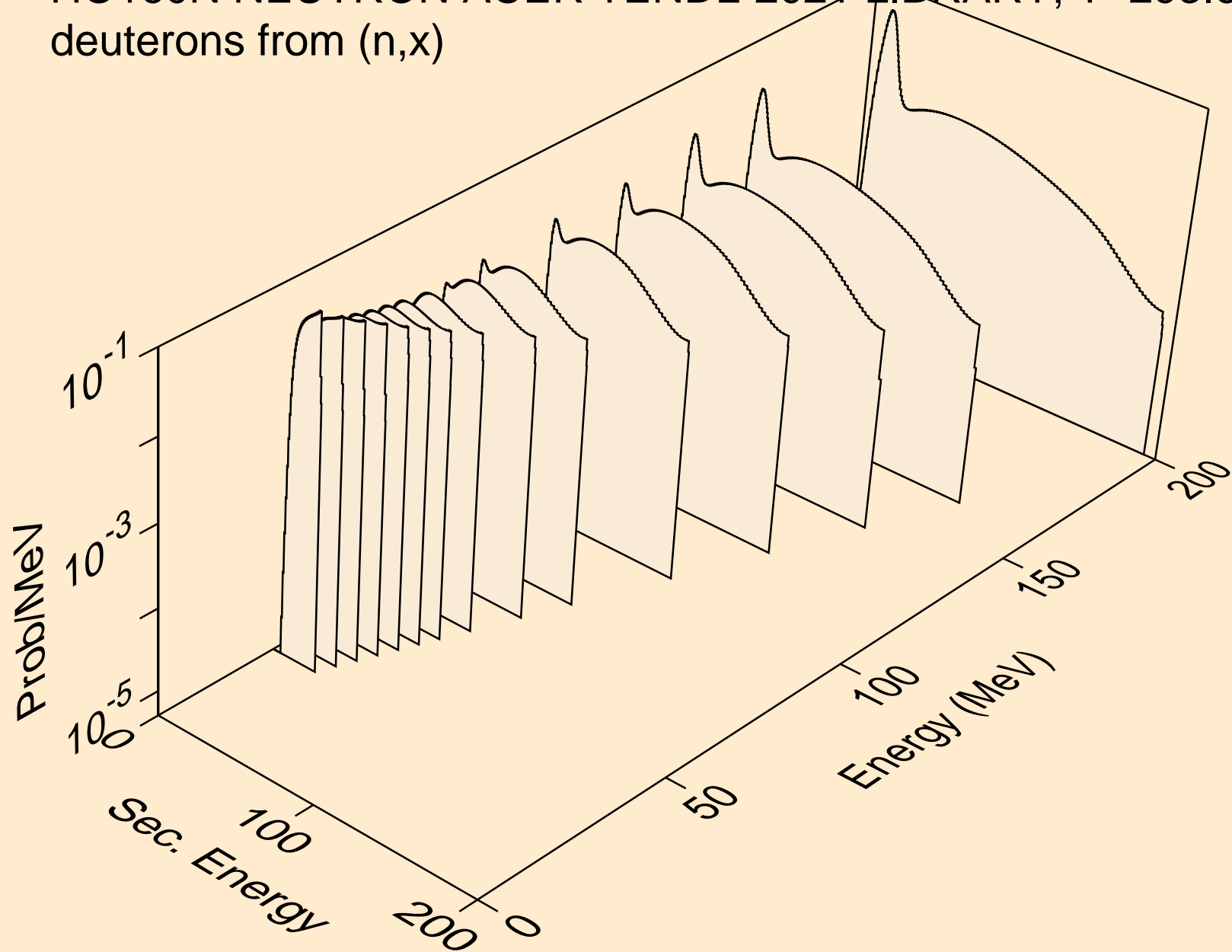
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protons from (n,pd)



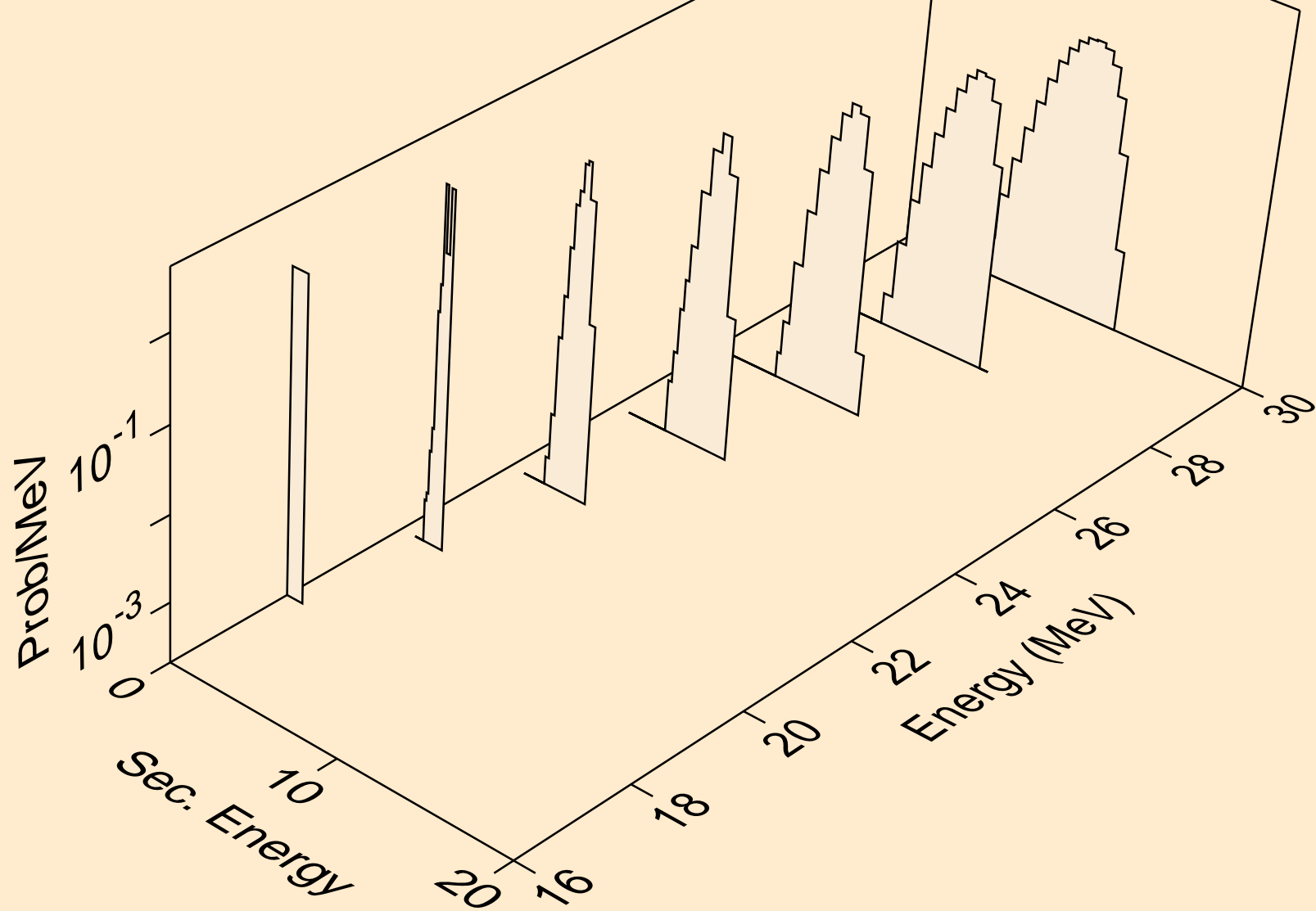
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)

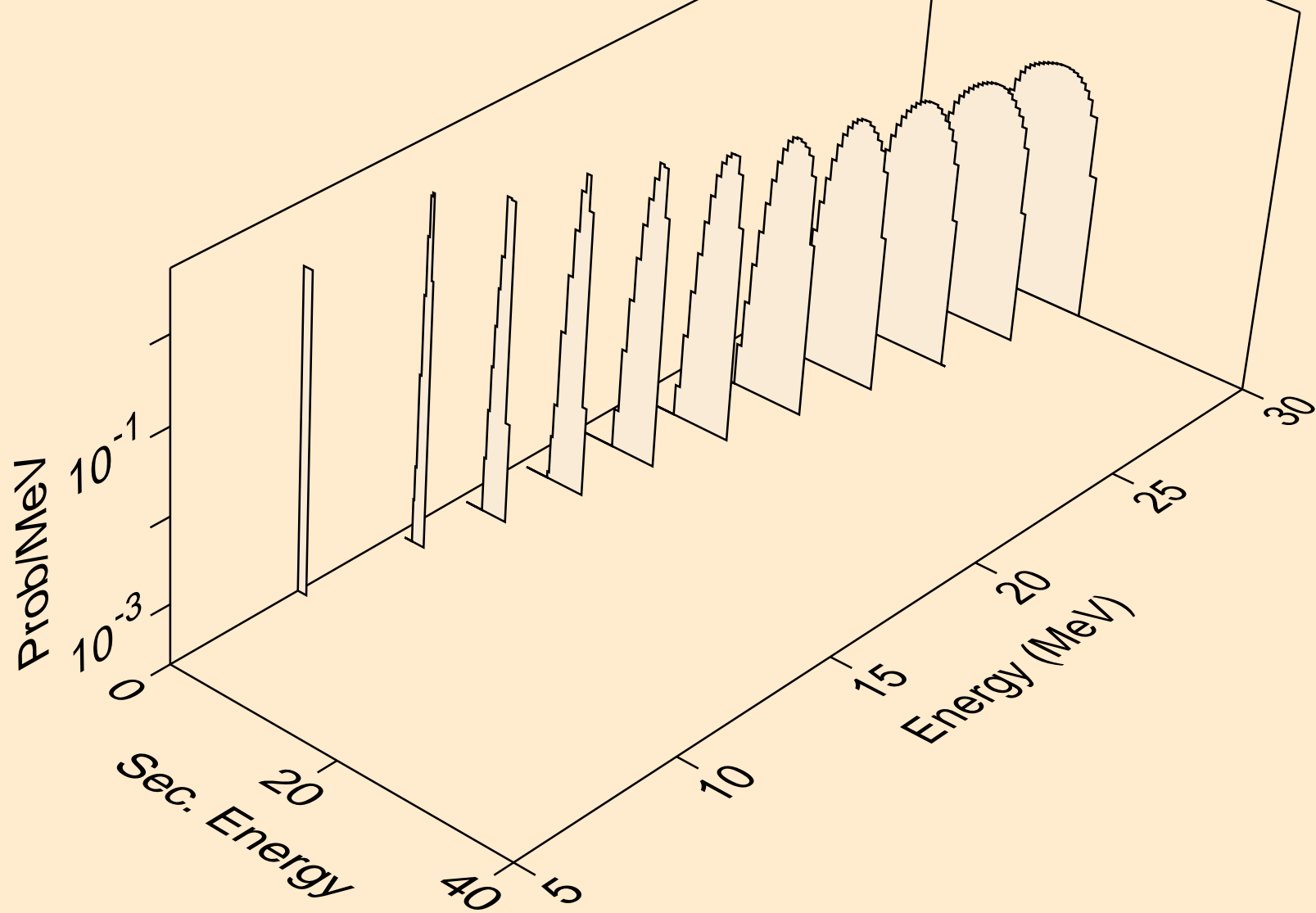


HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)

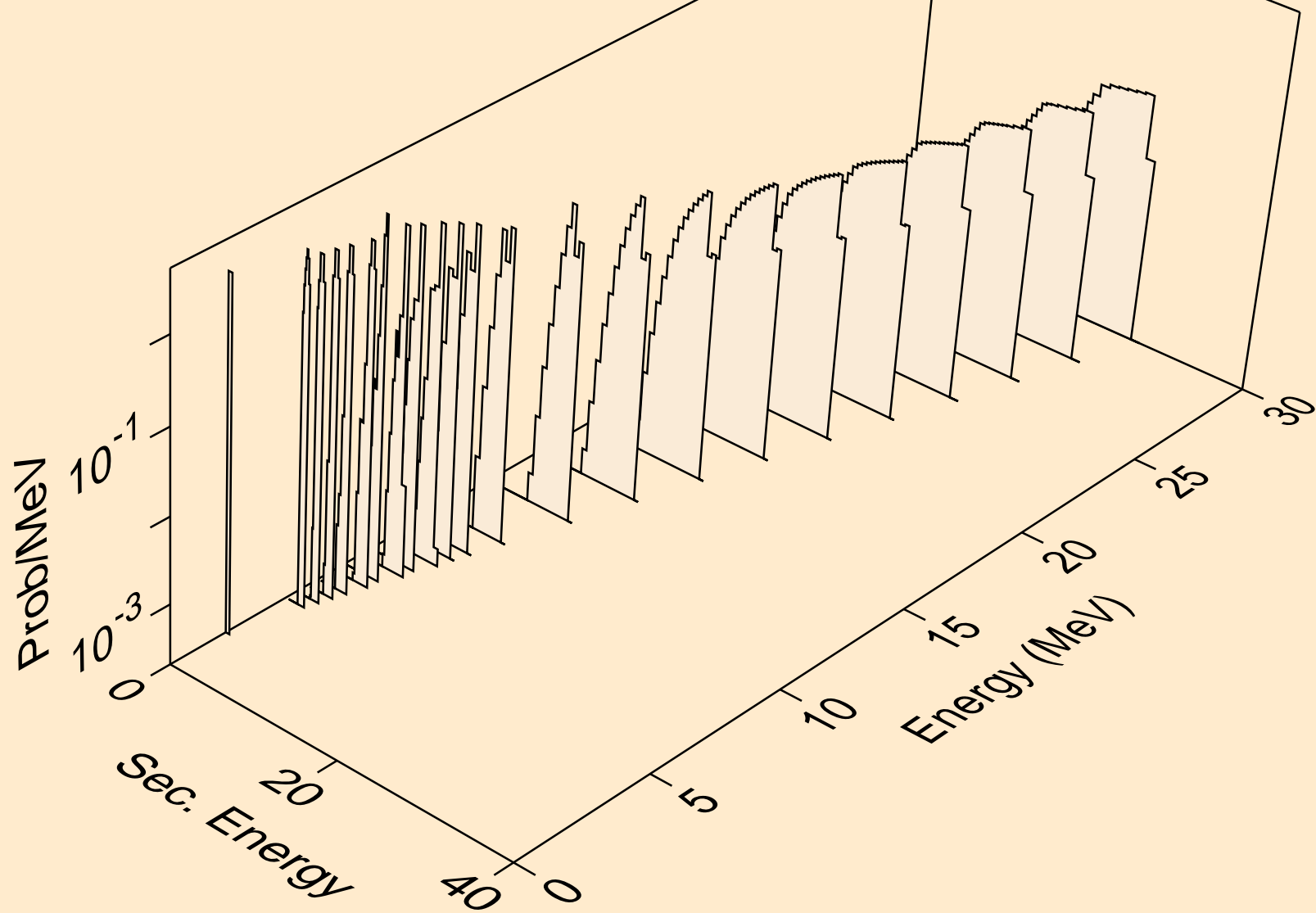




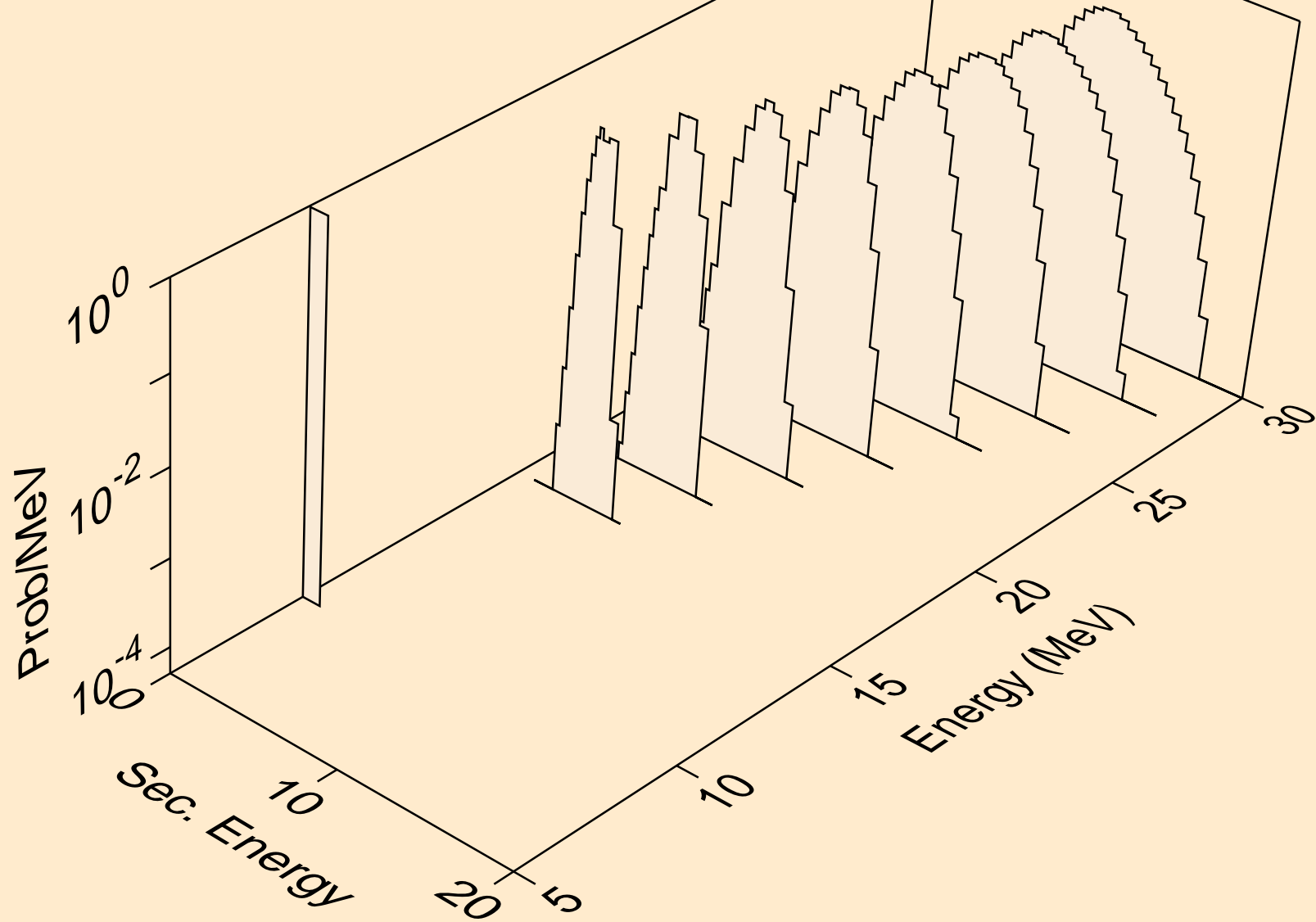
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



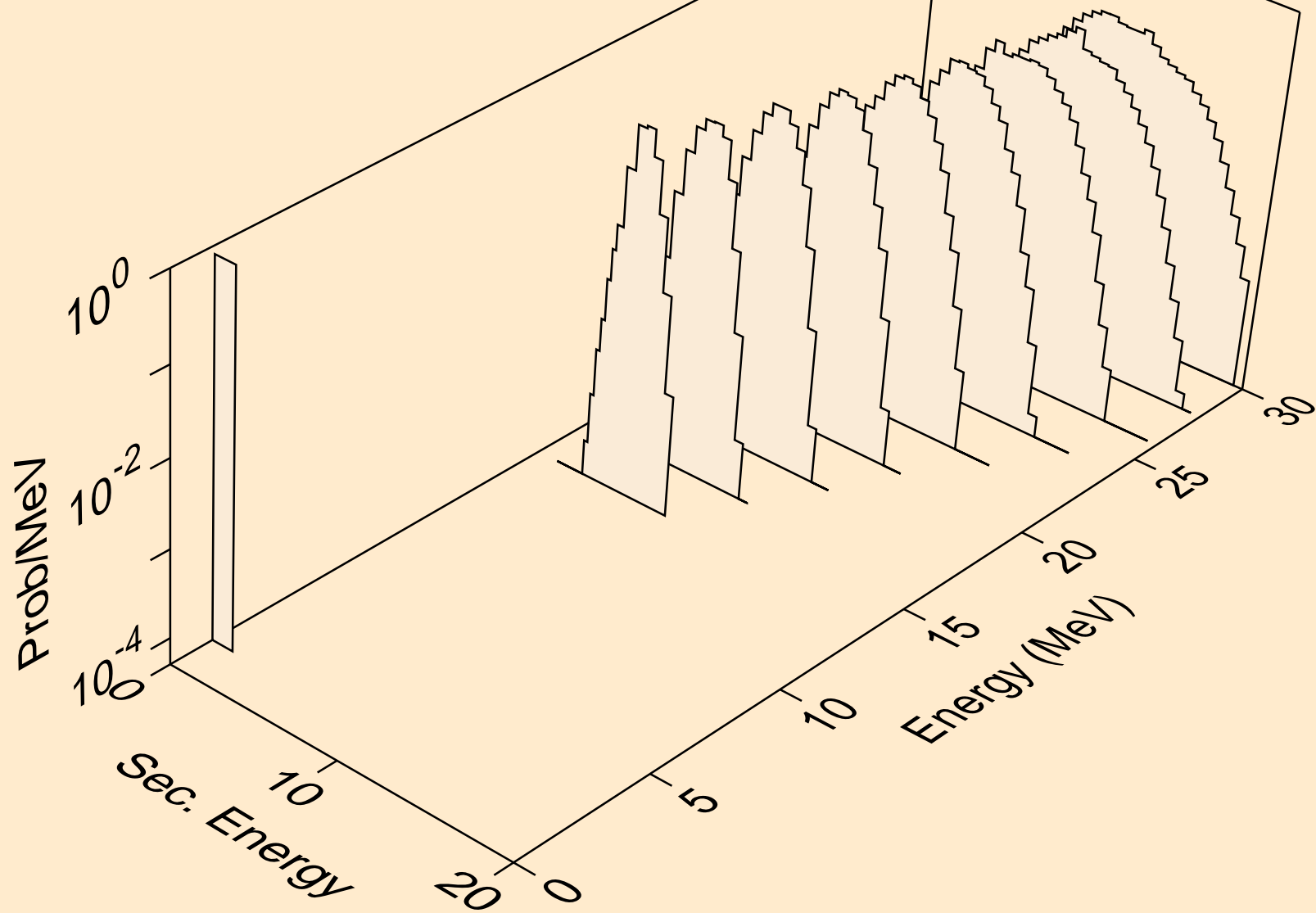
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deuterons from (n,d)



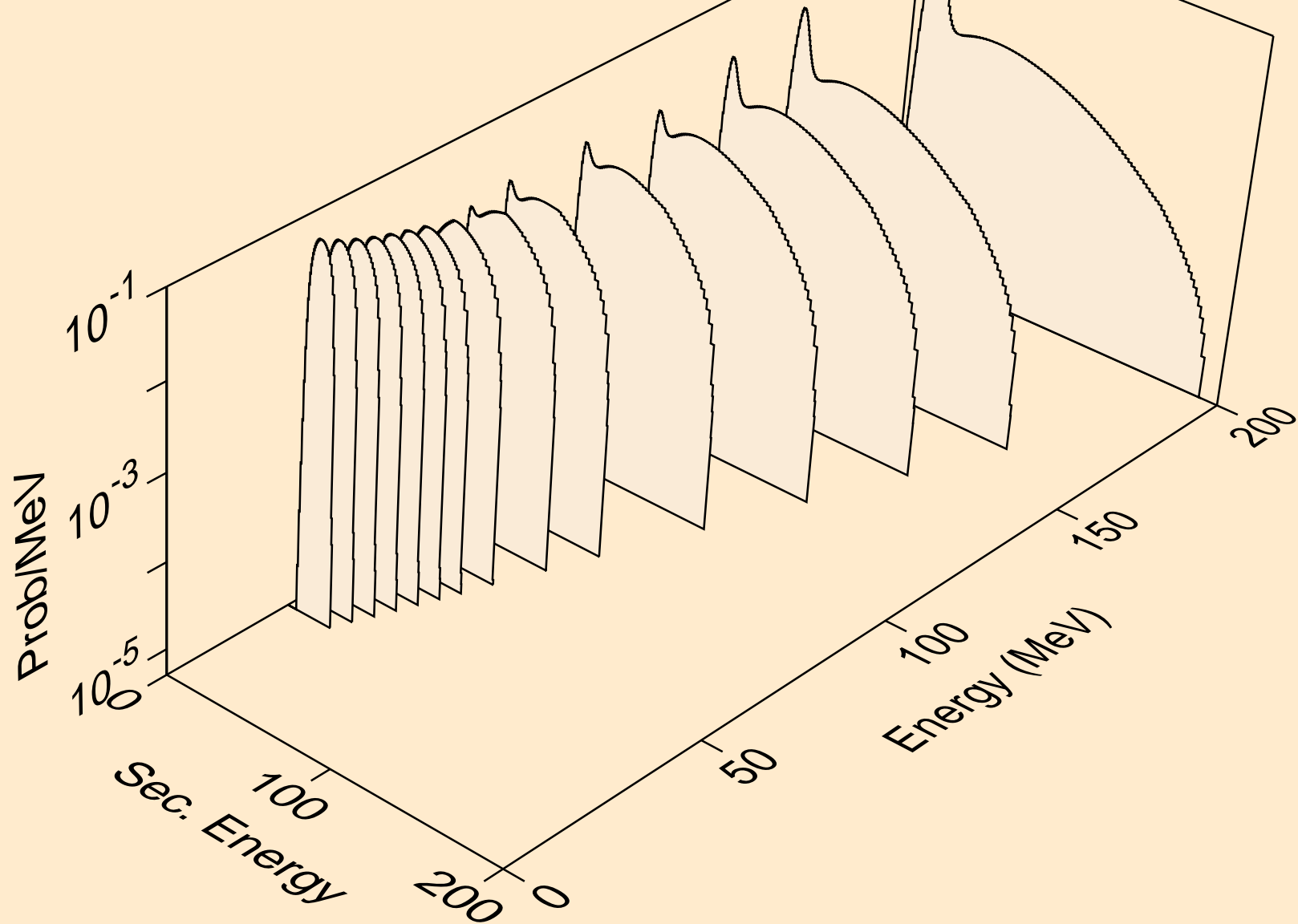
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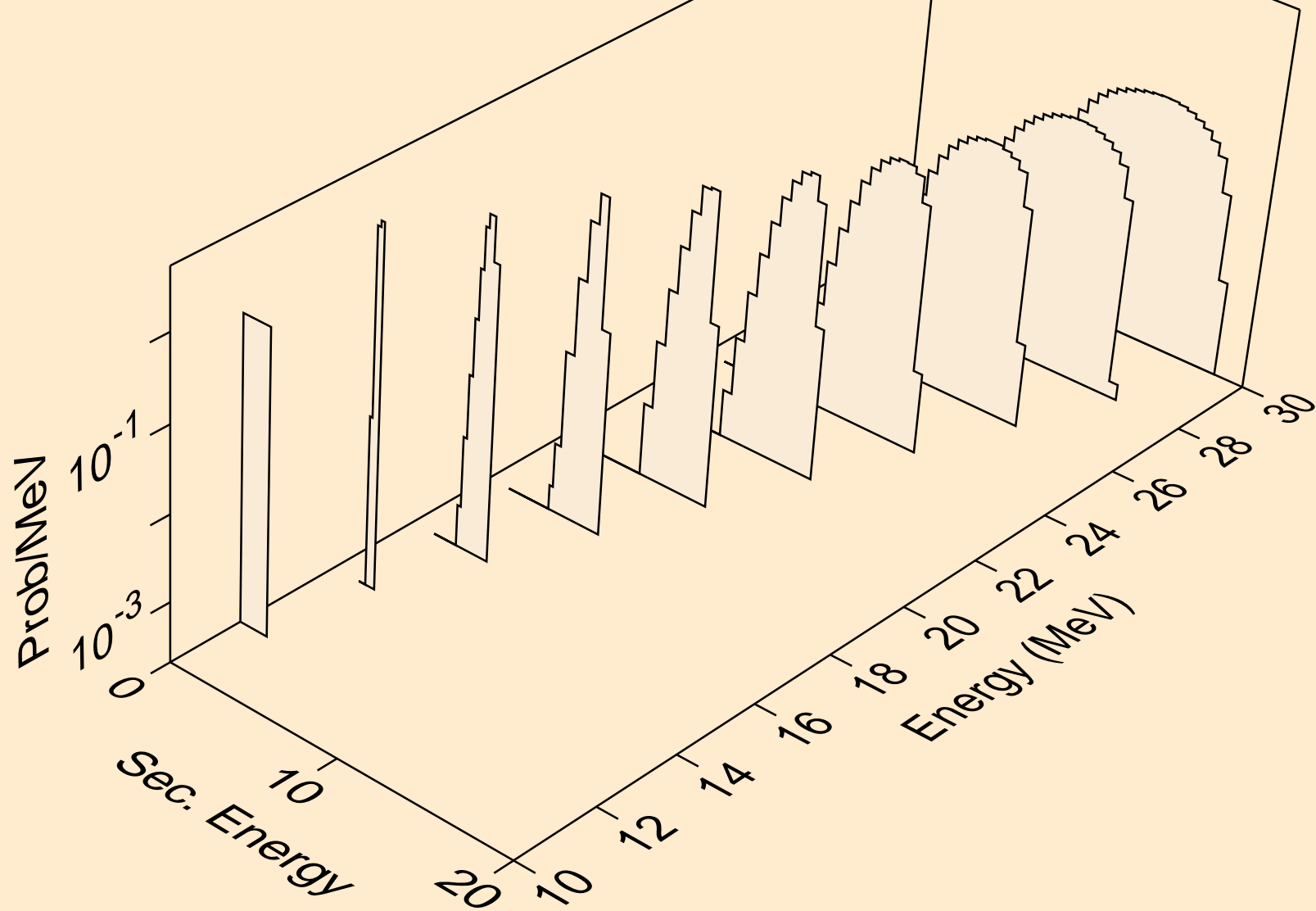
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deuterons from (n,da)



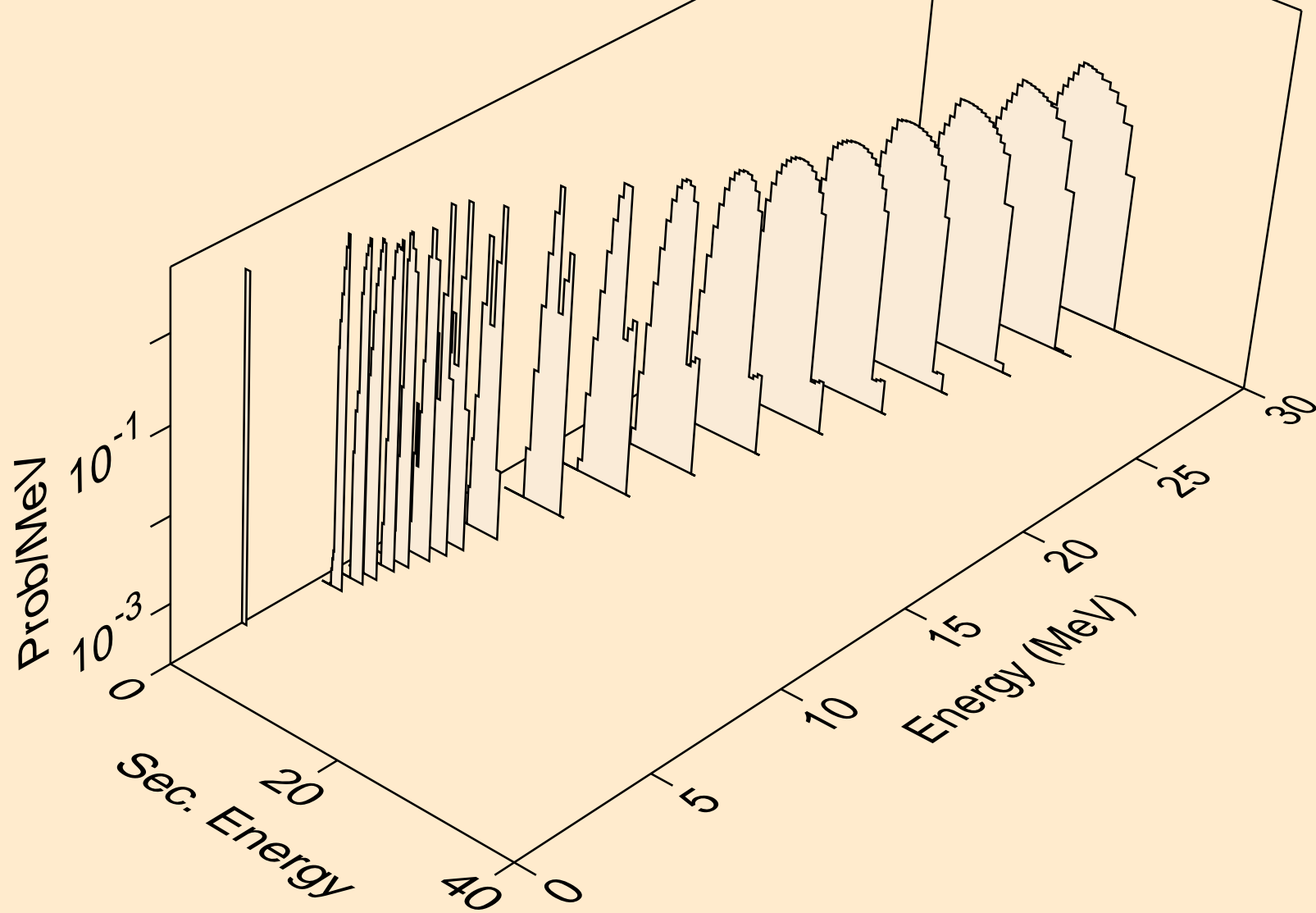
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



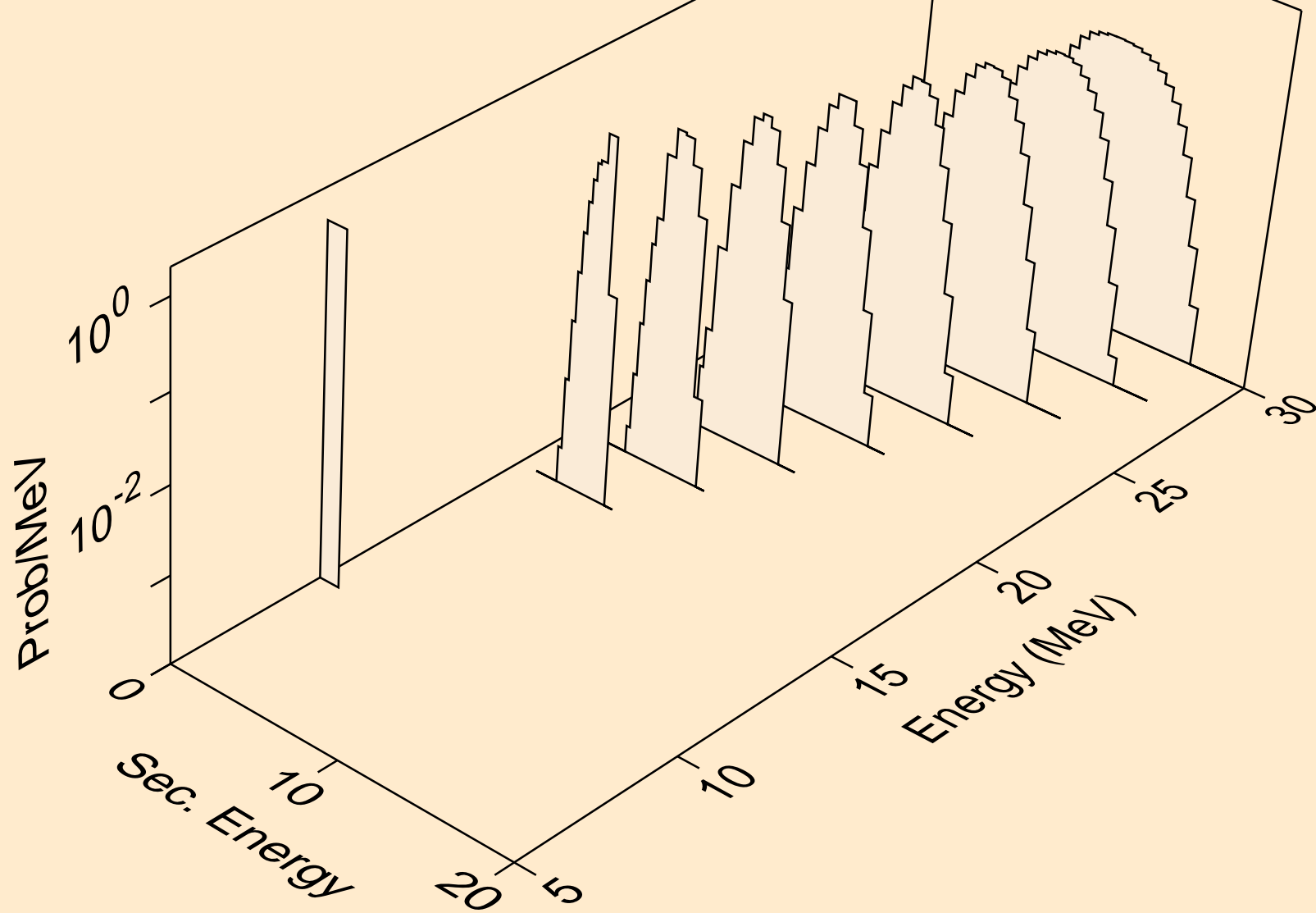
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)

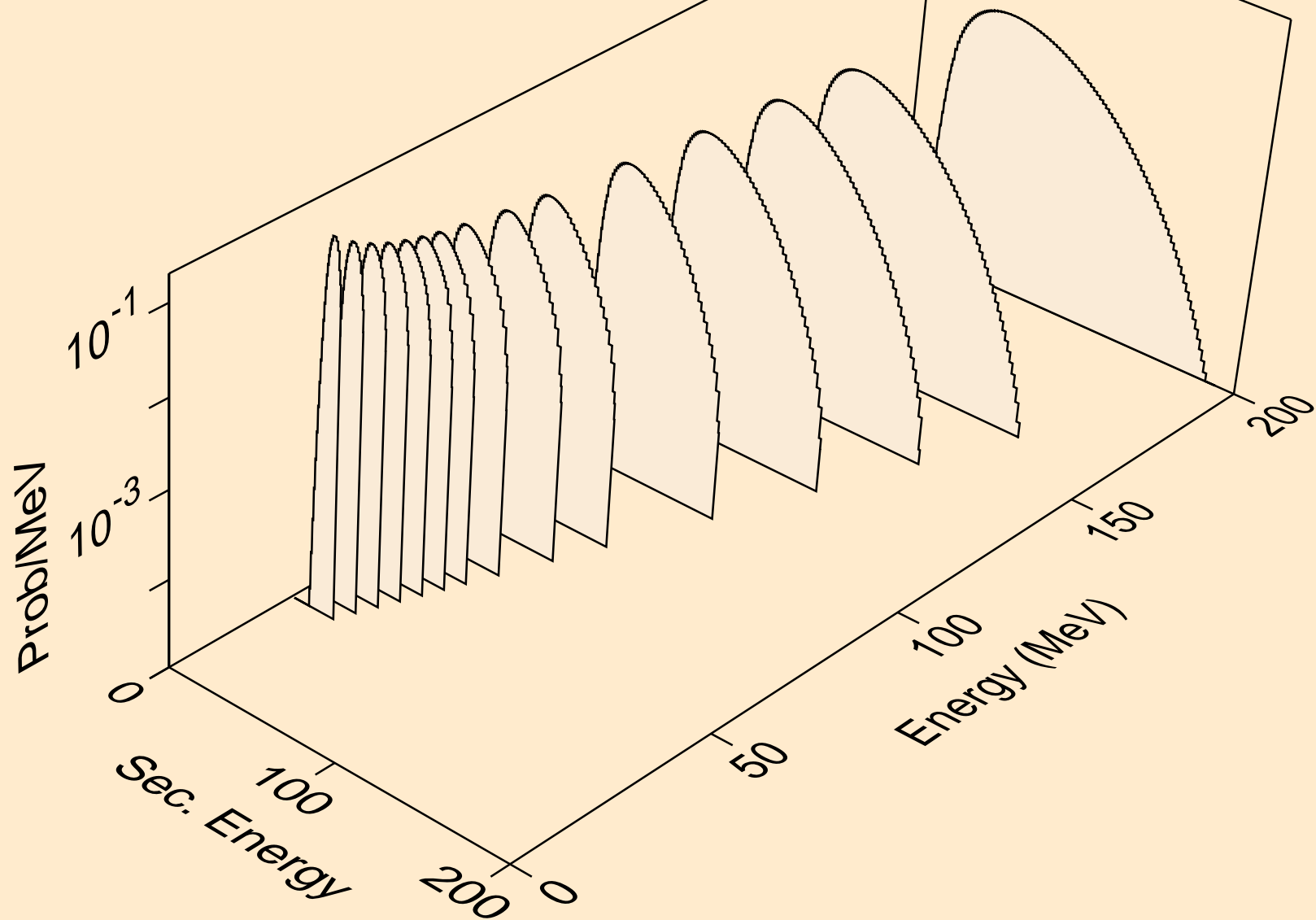


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tritons from (n,pt)

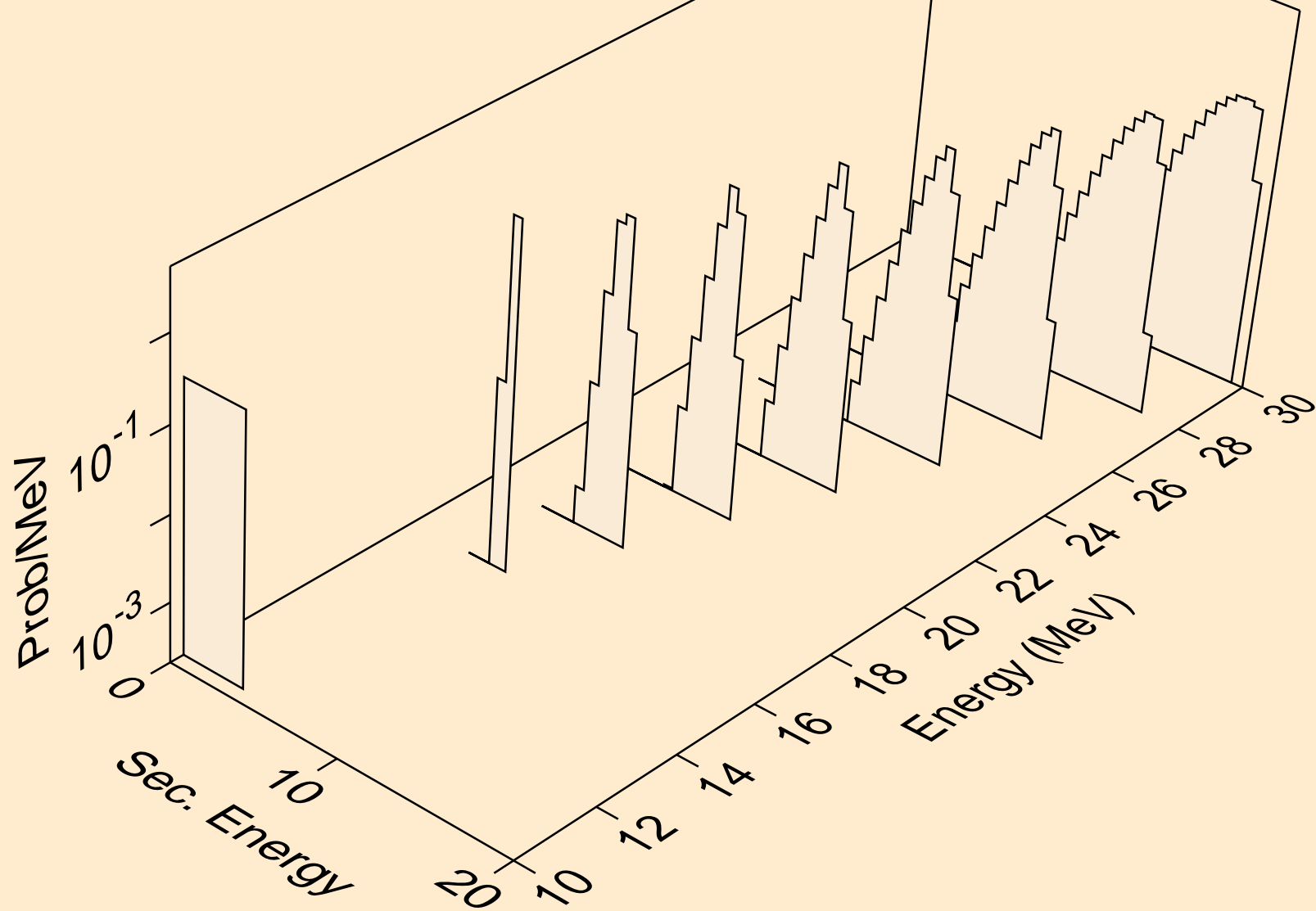




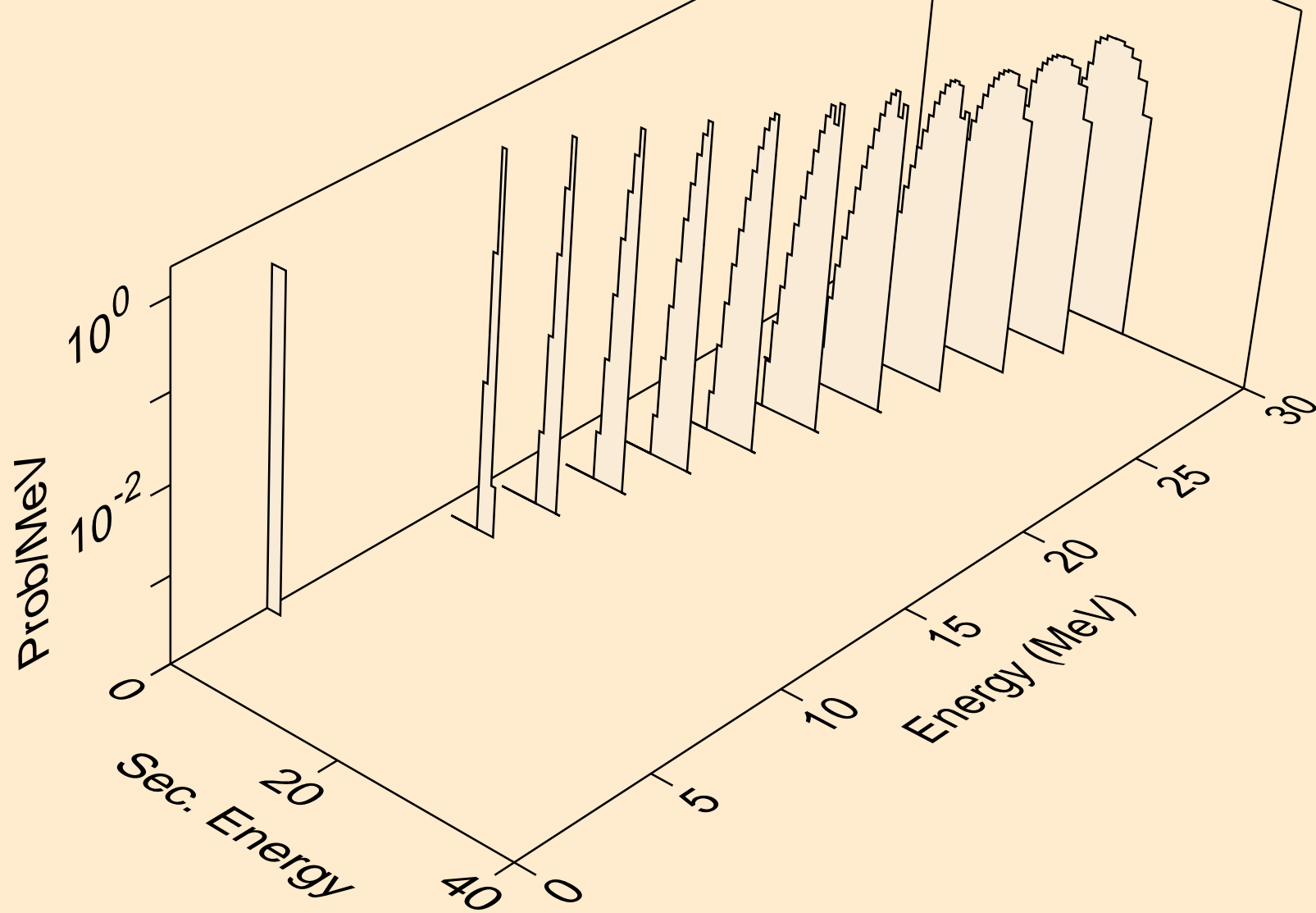
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he3s from (n,x)



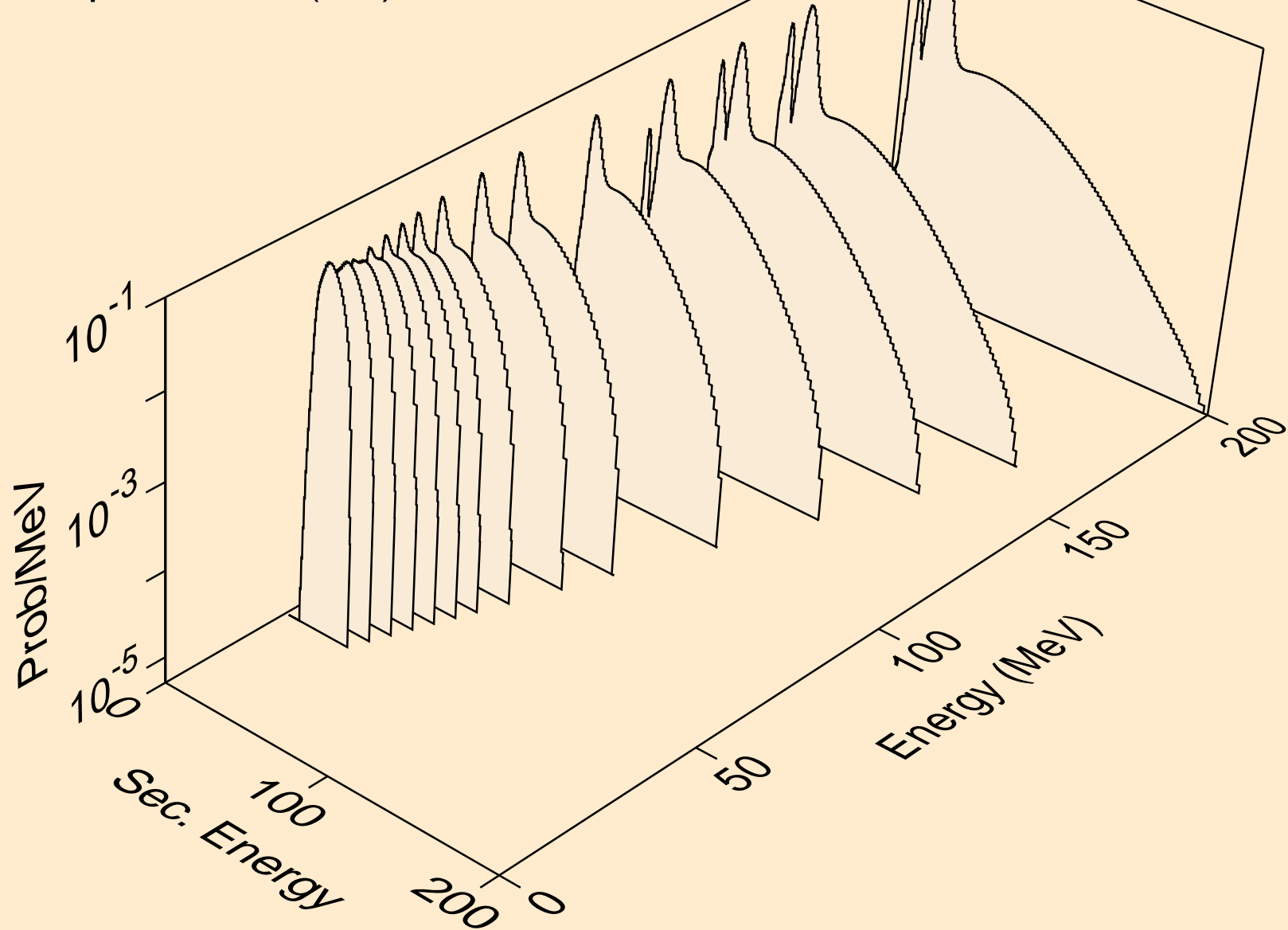
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he3s from (n,n\*)he3



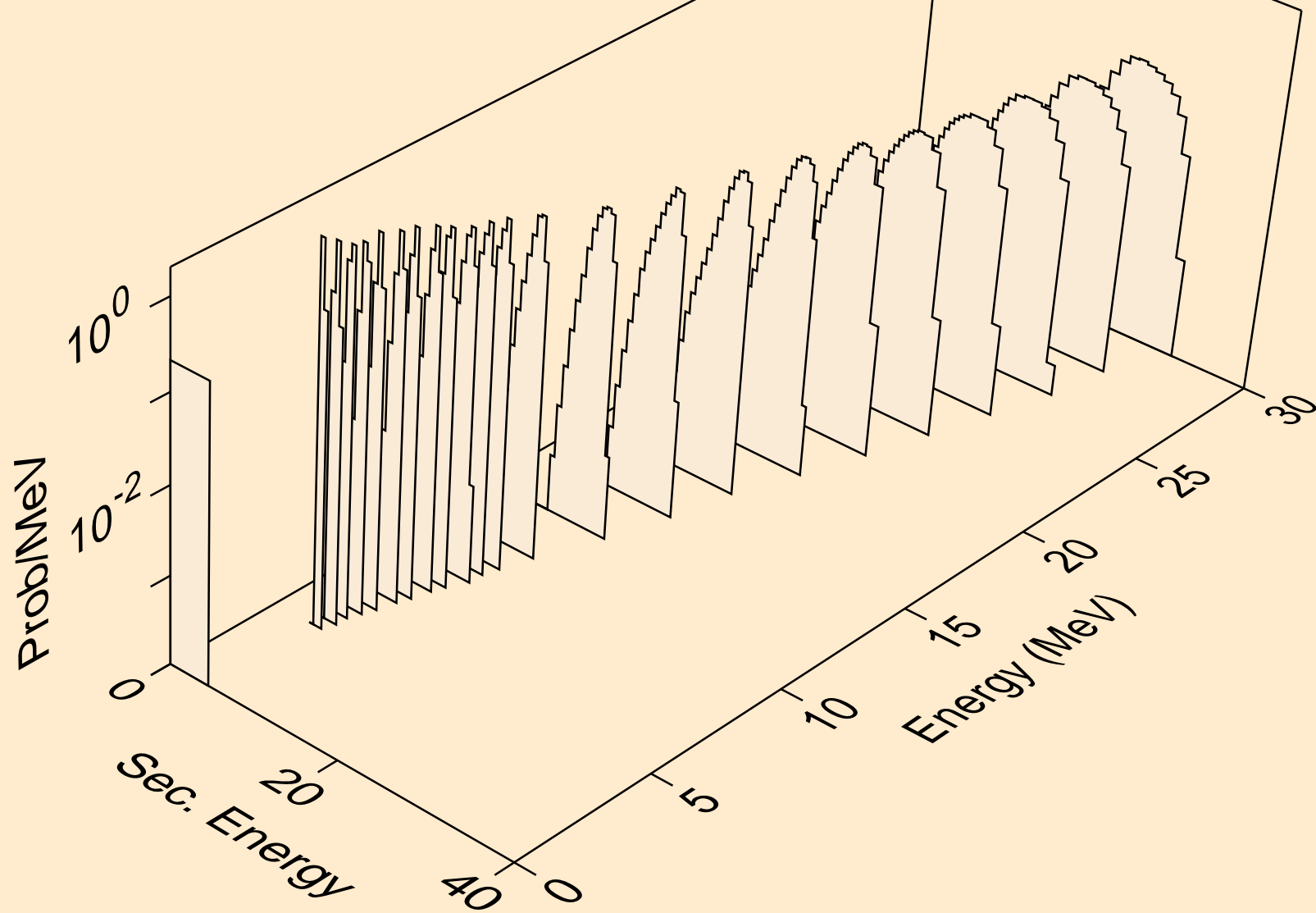
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he3s from (n,he3)



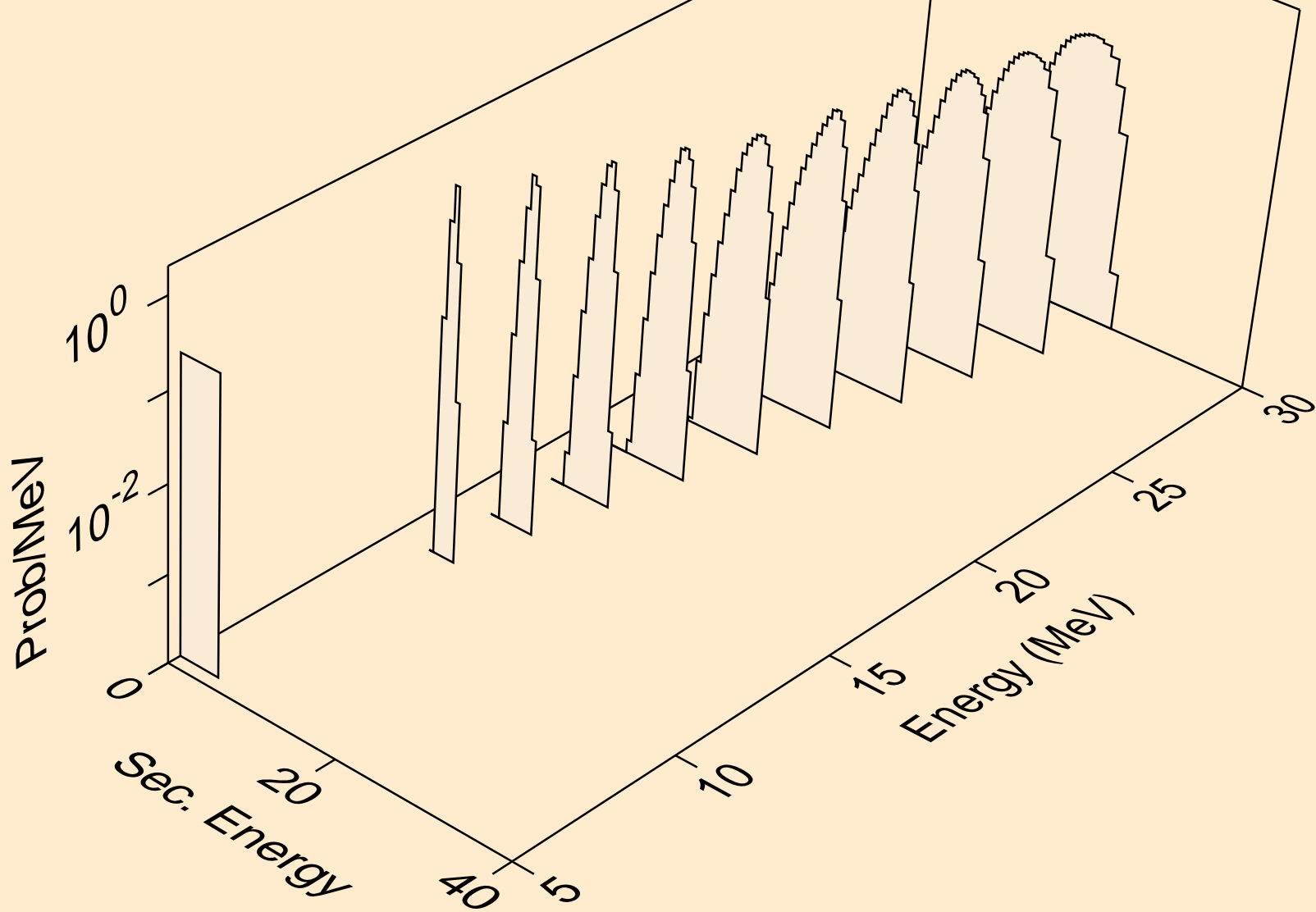
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



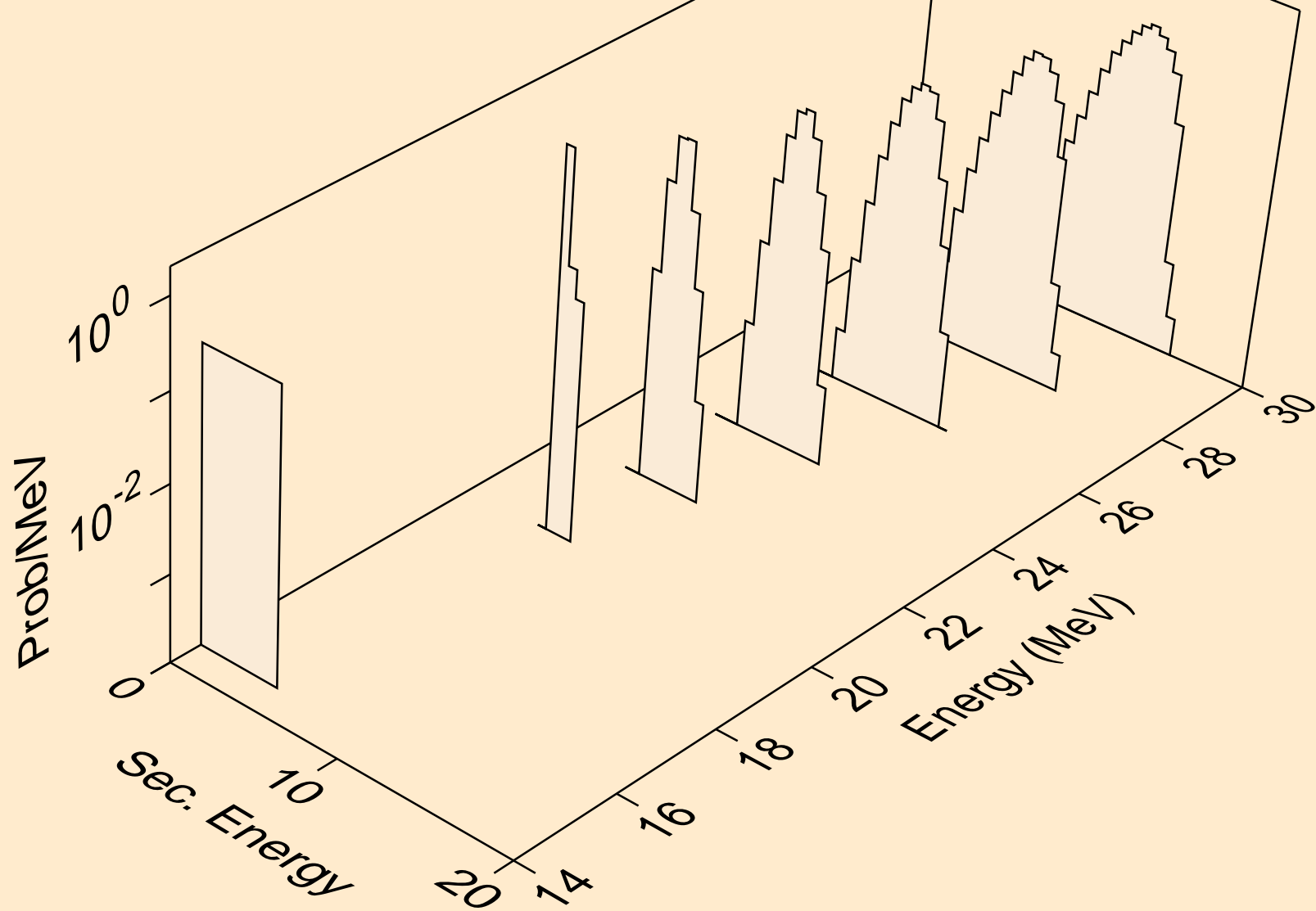
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



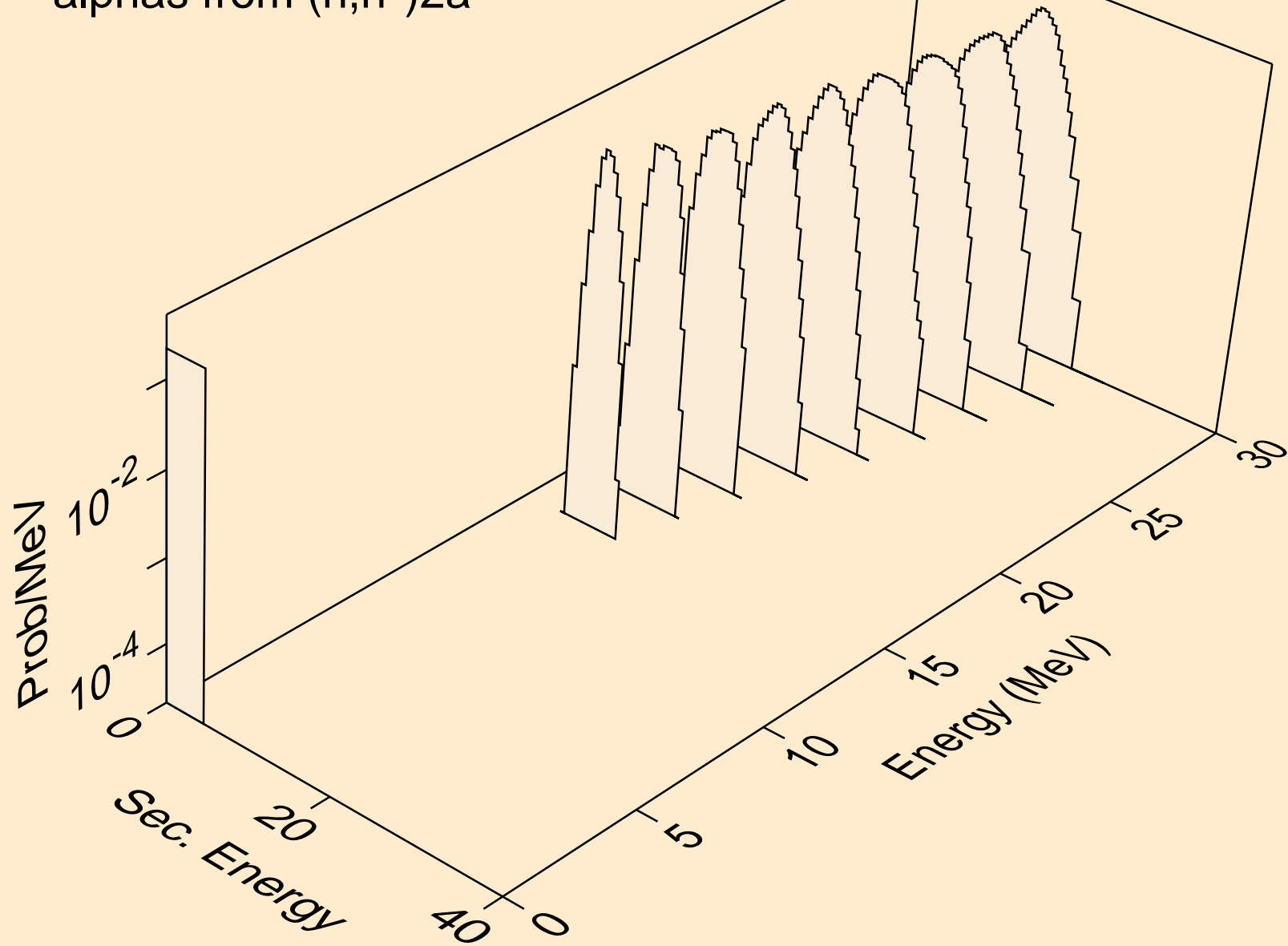
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a

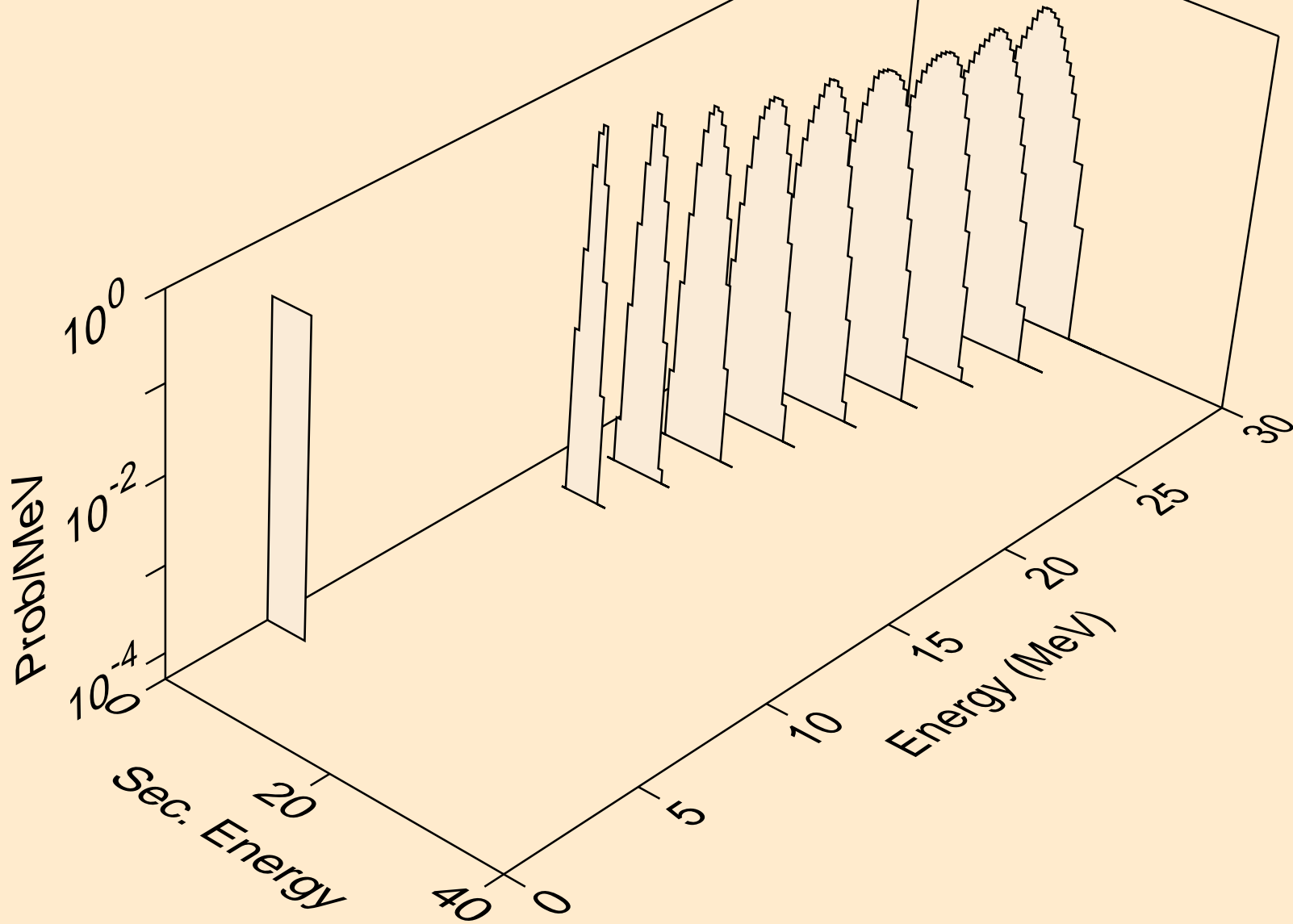


HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a

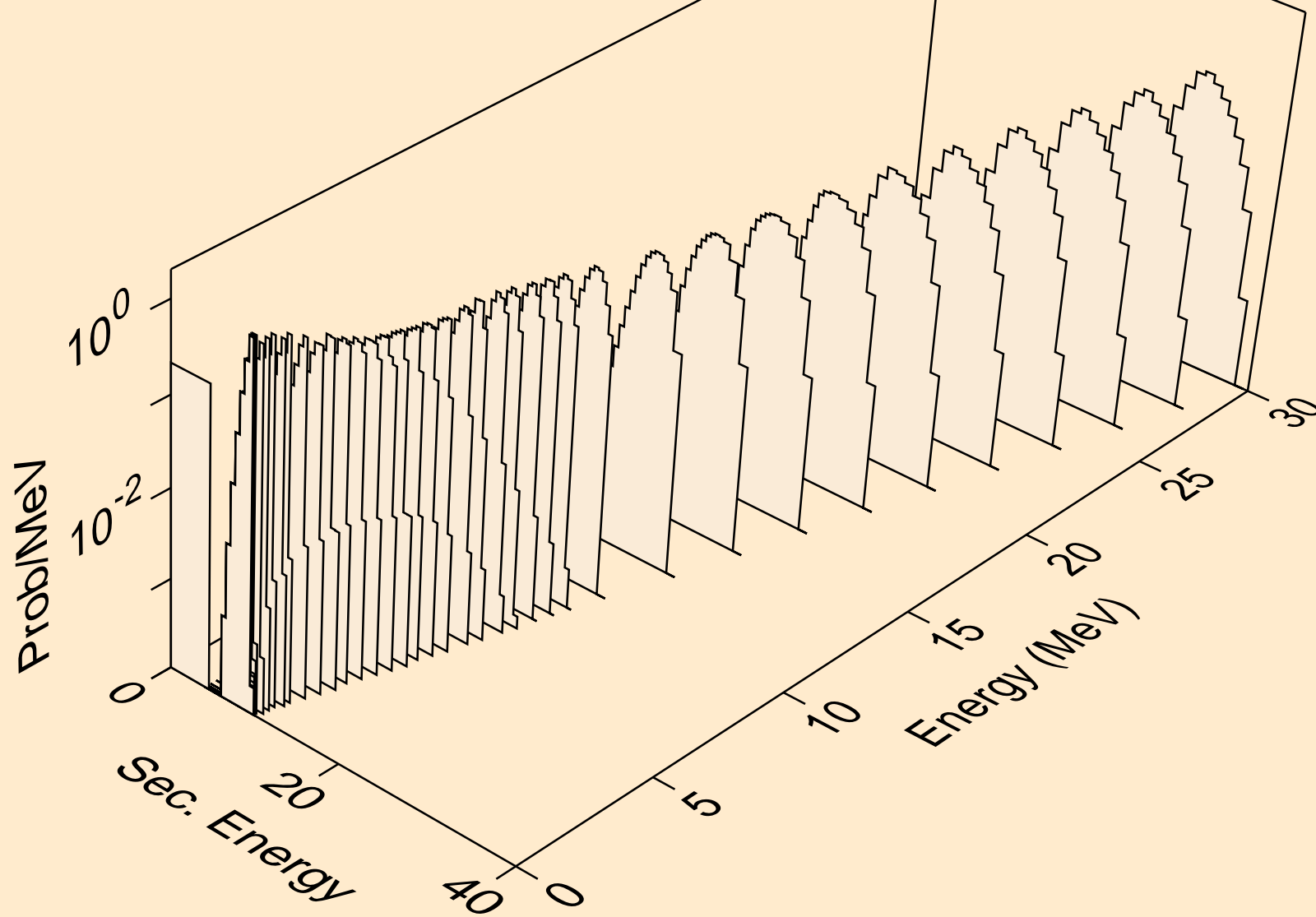




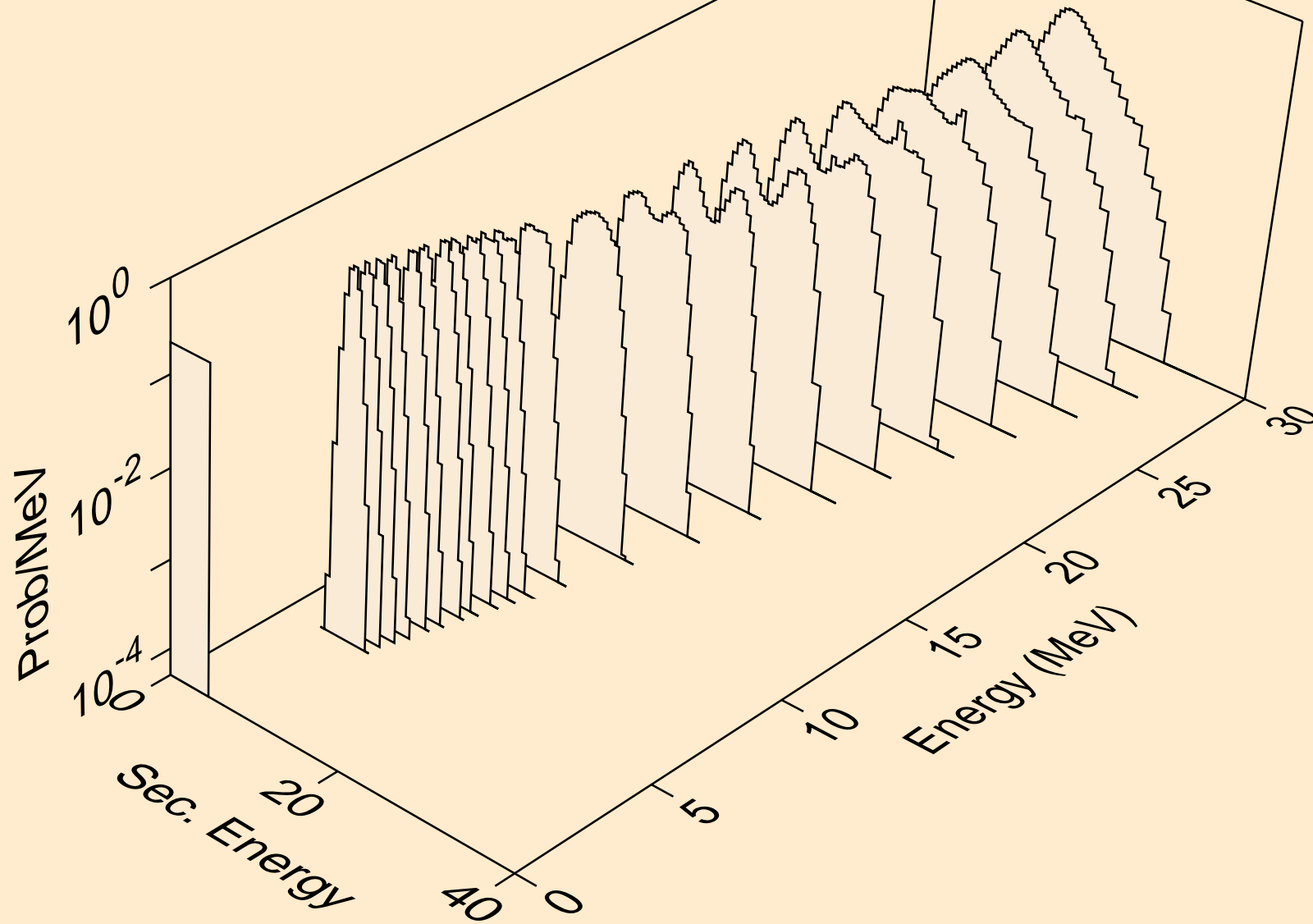
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alphas from (n,npa)



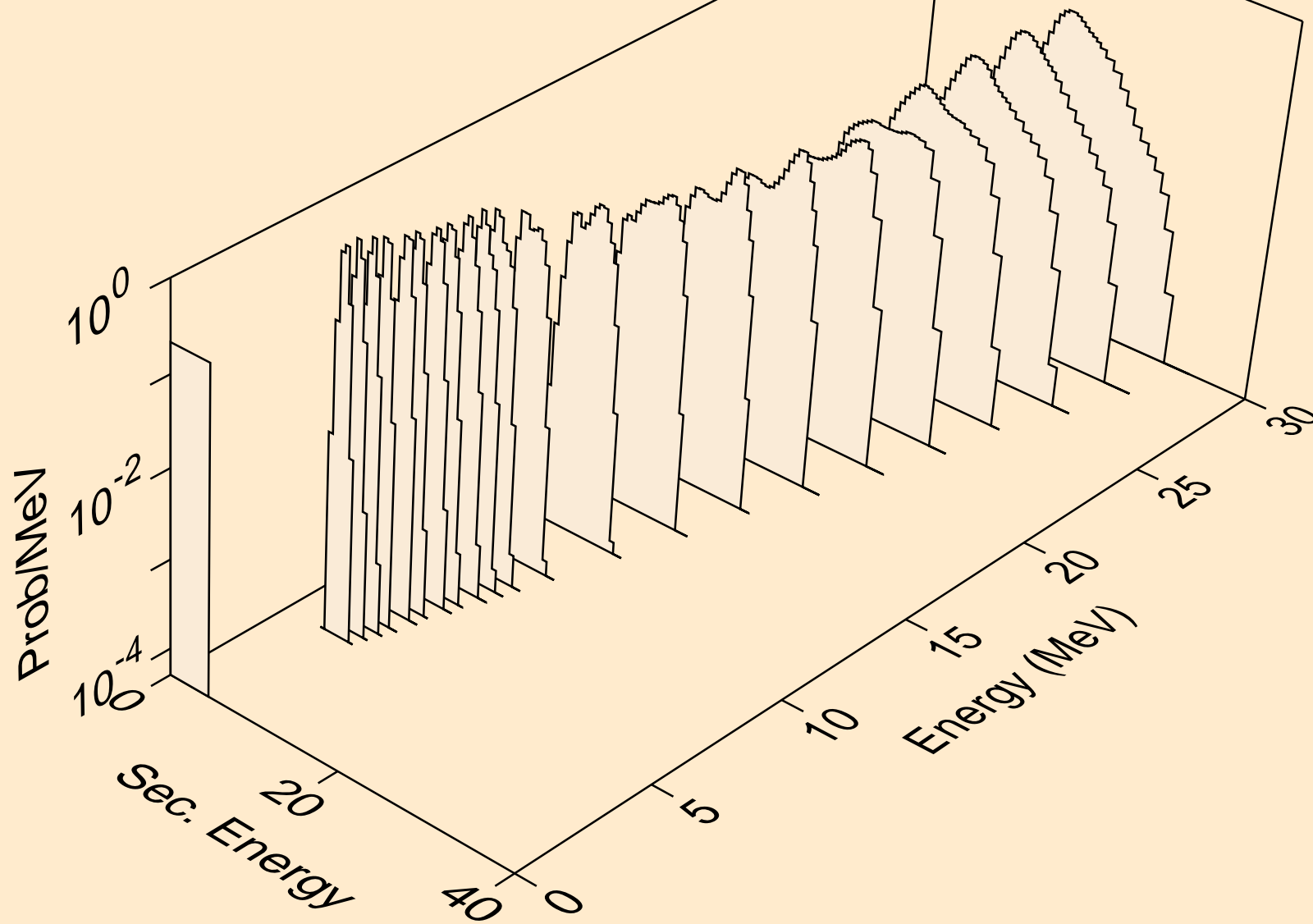
HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



HO160N NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

