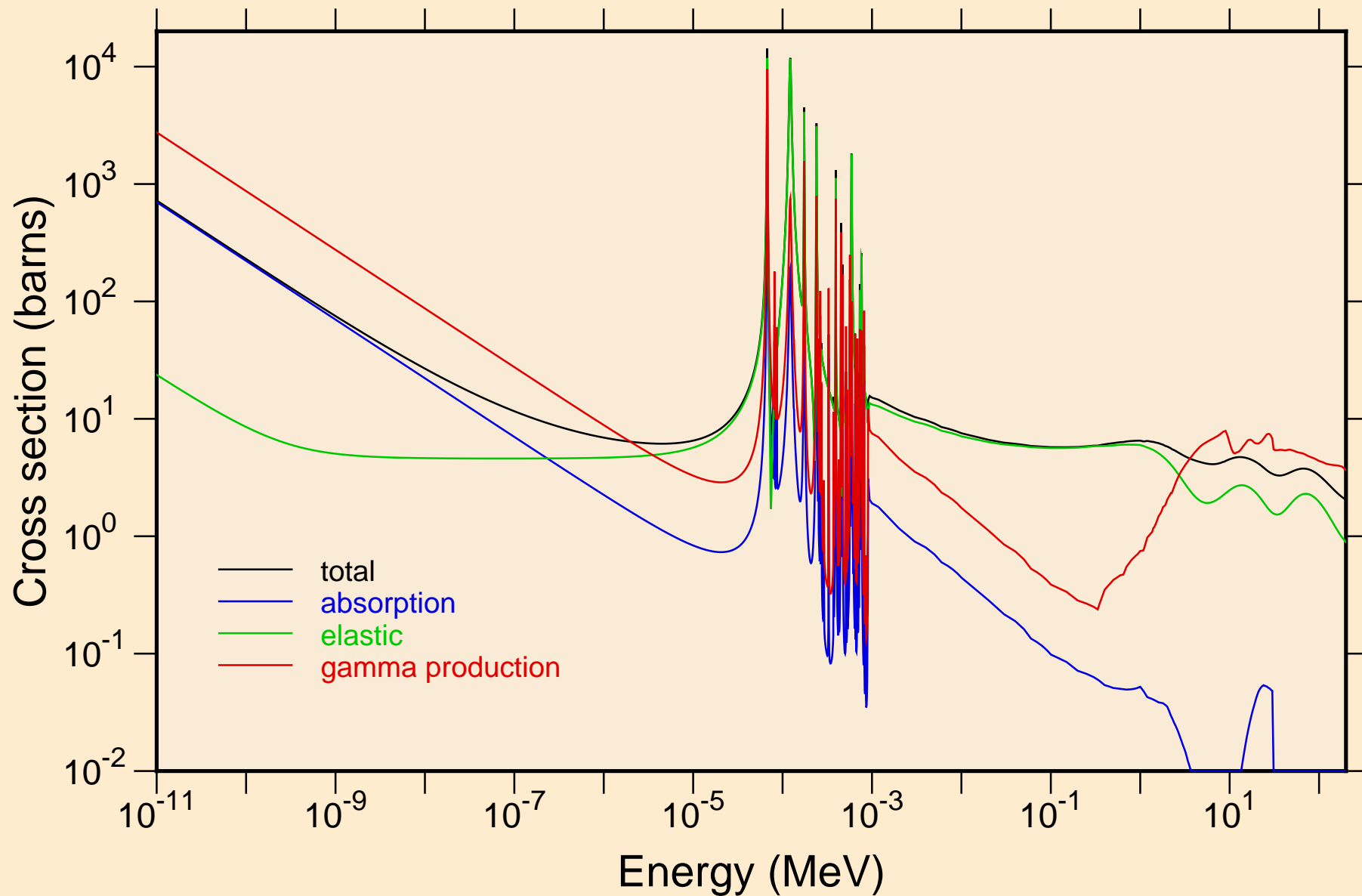
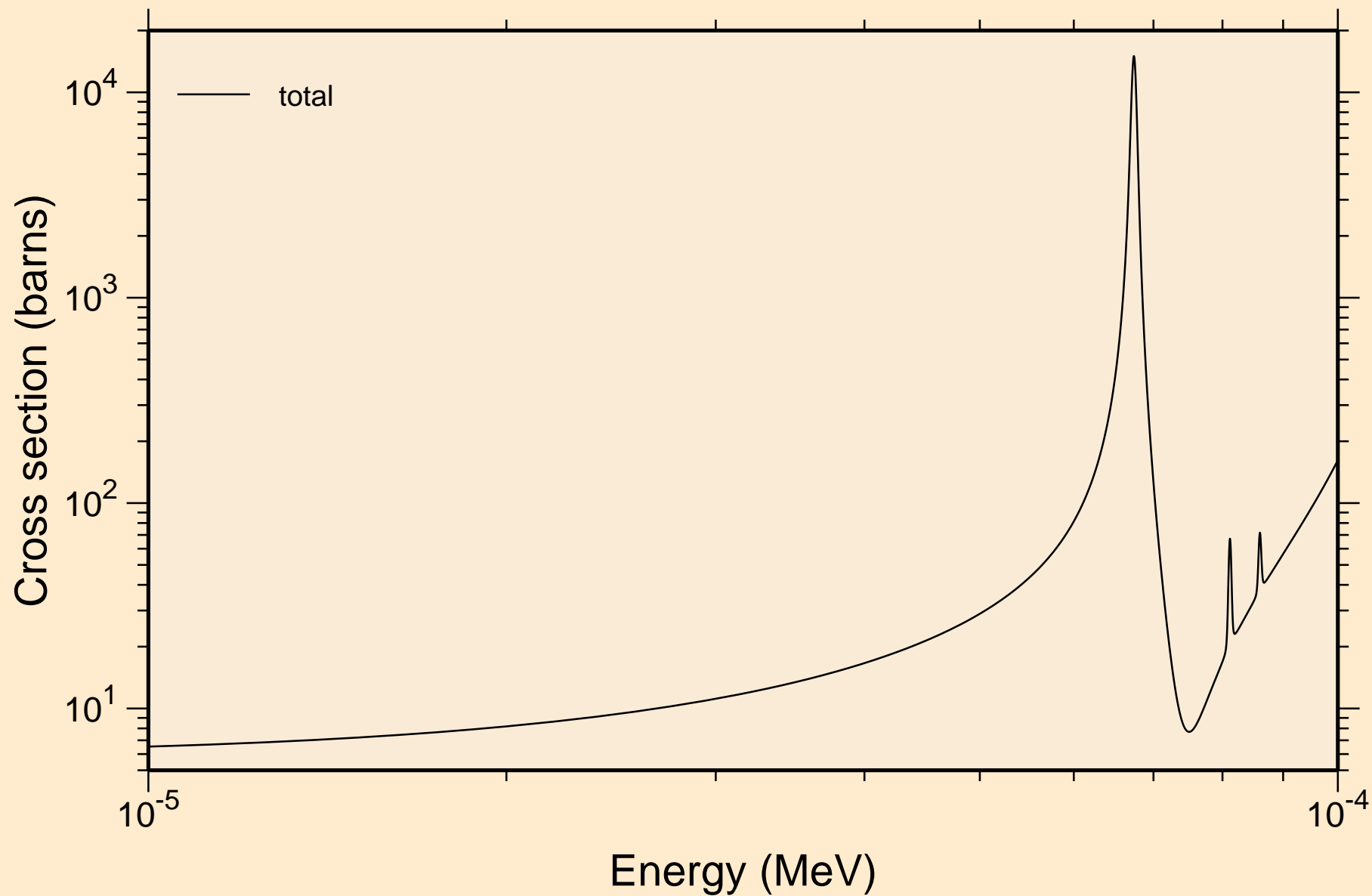


# SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

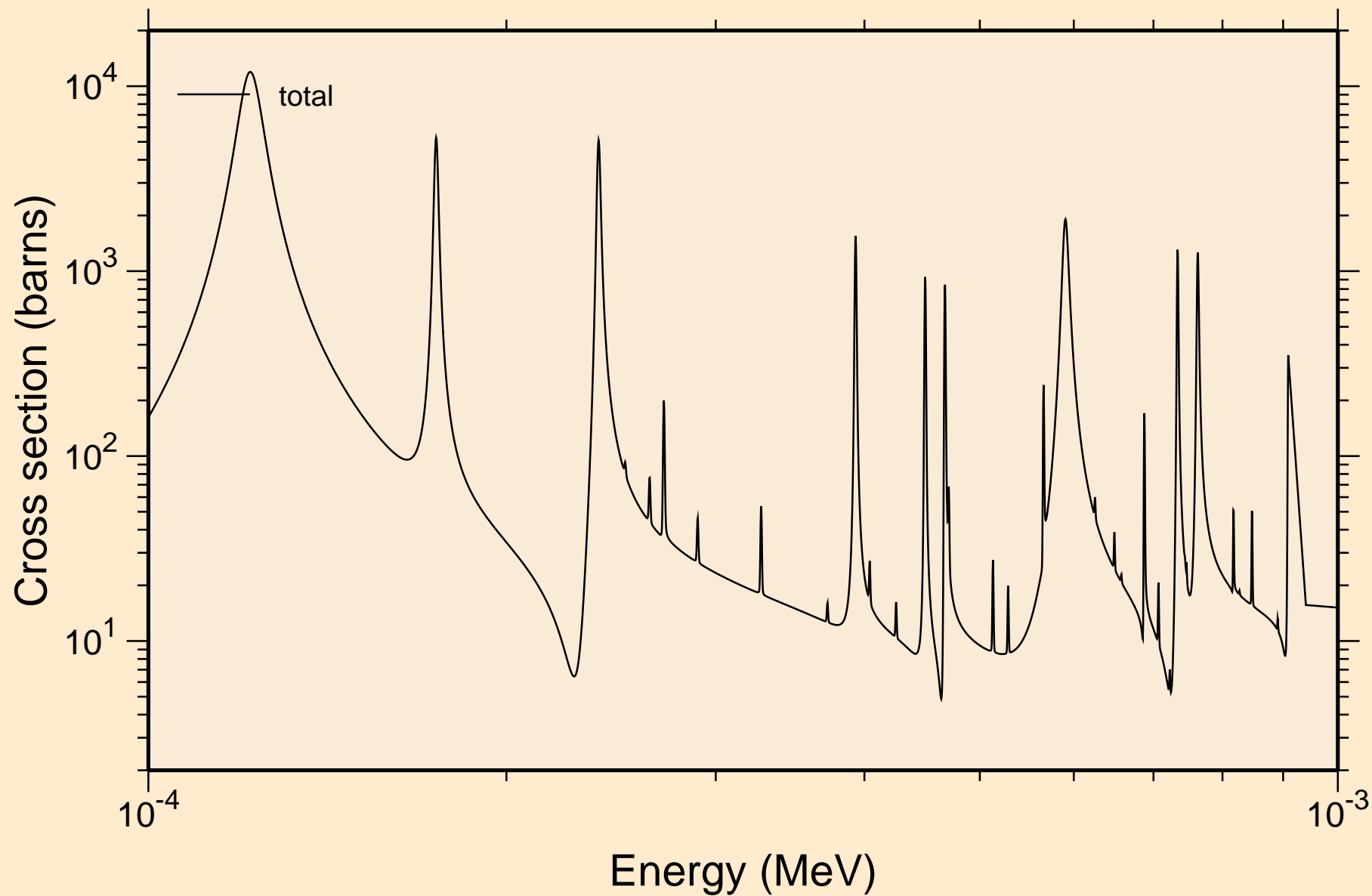
## Principal cross sections



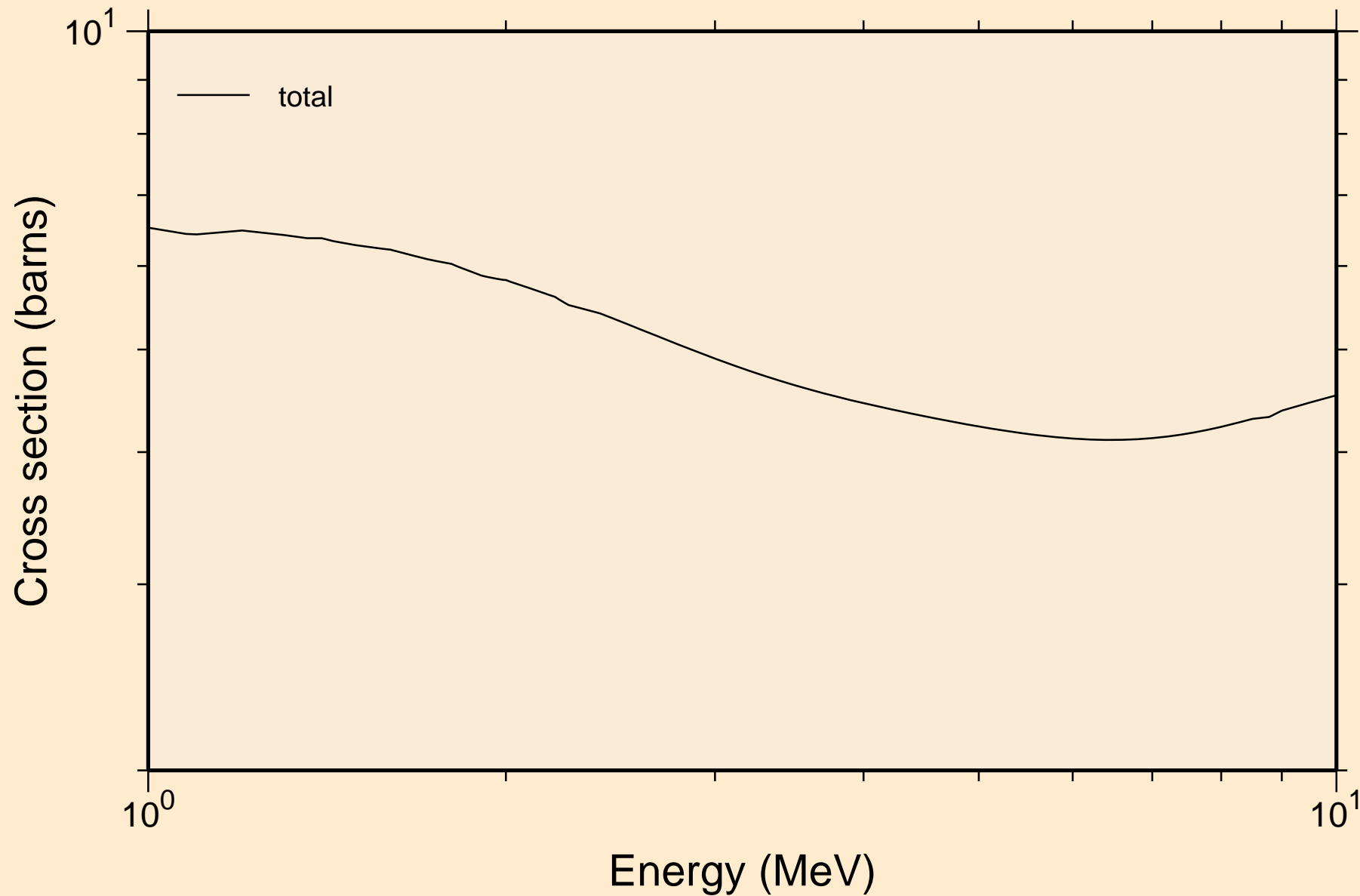
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resonance total cross section



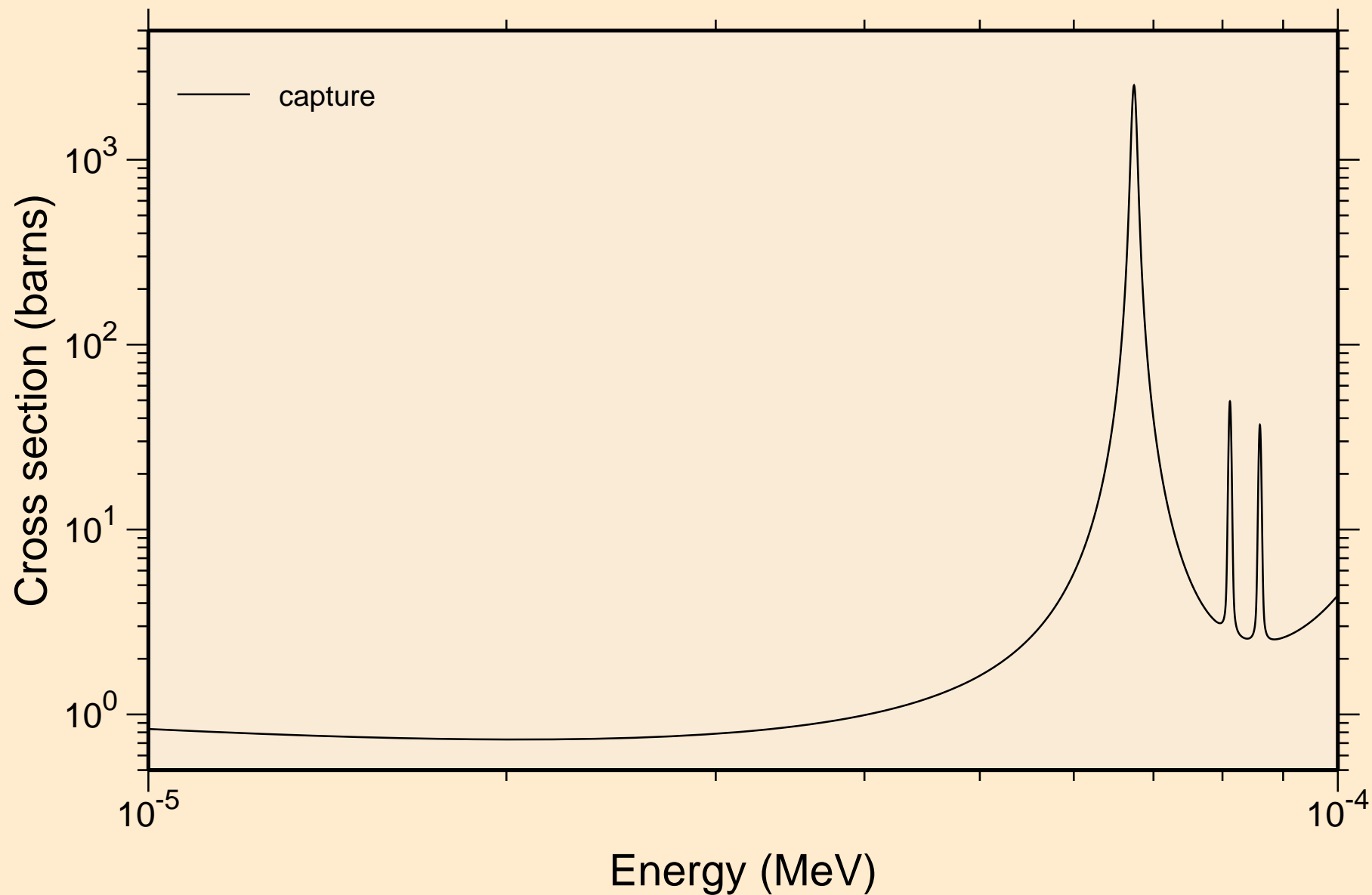
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



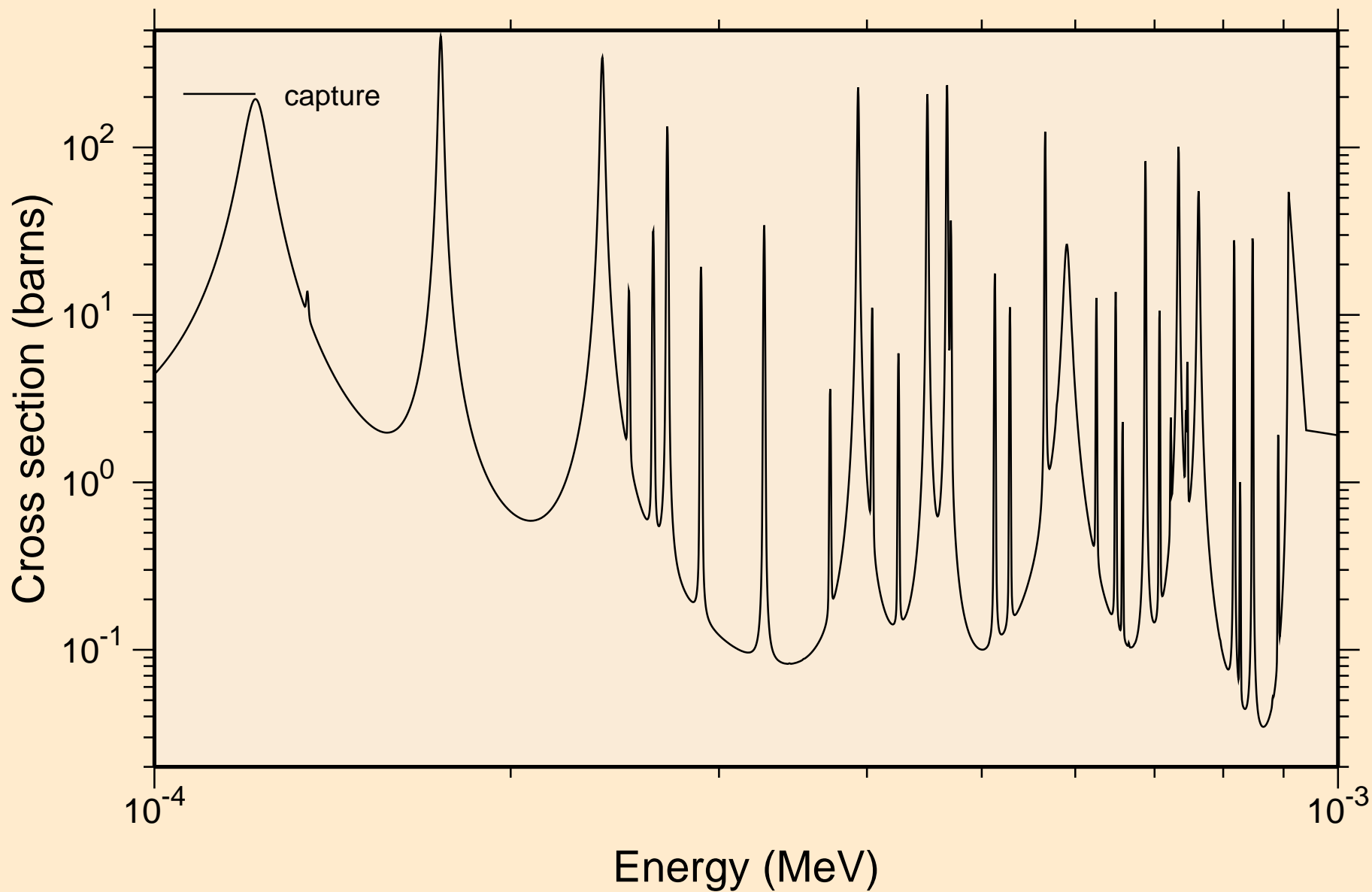
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



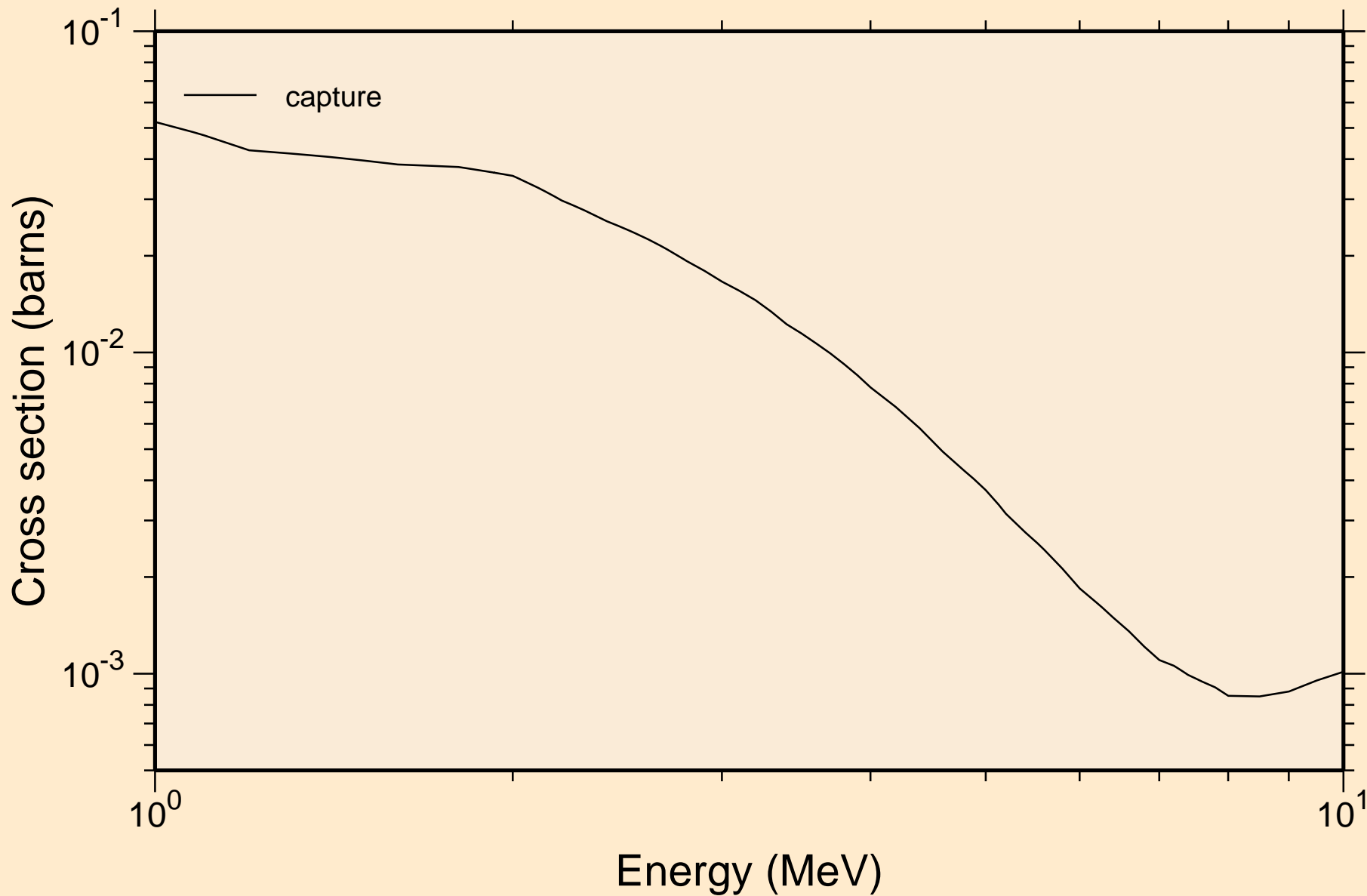
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



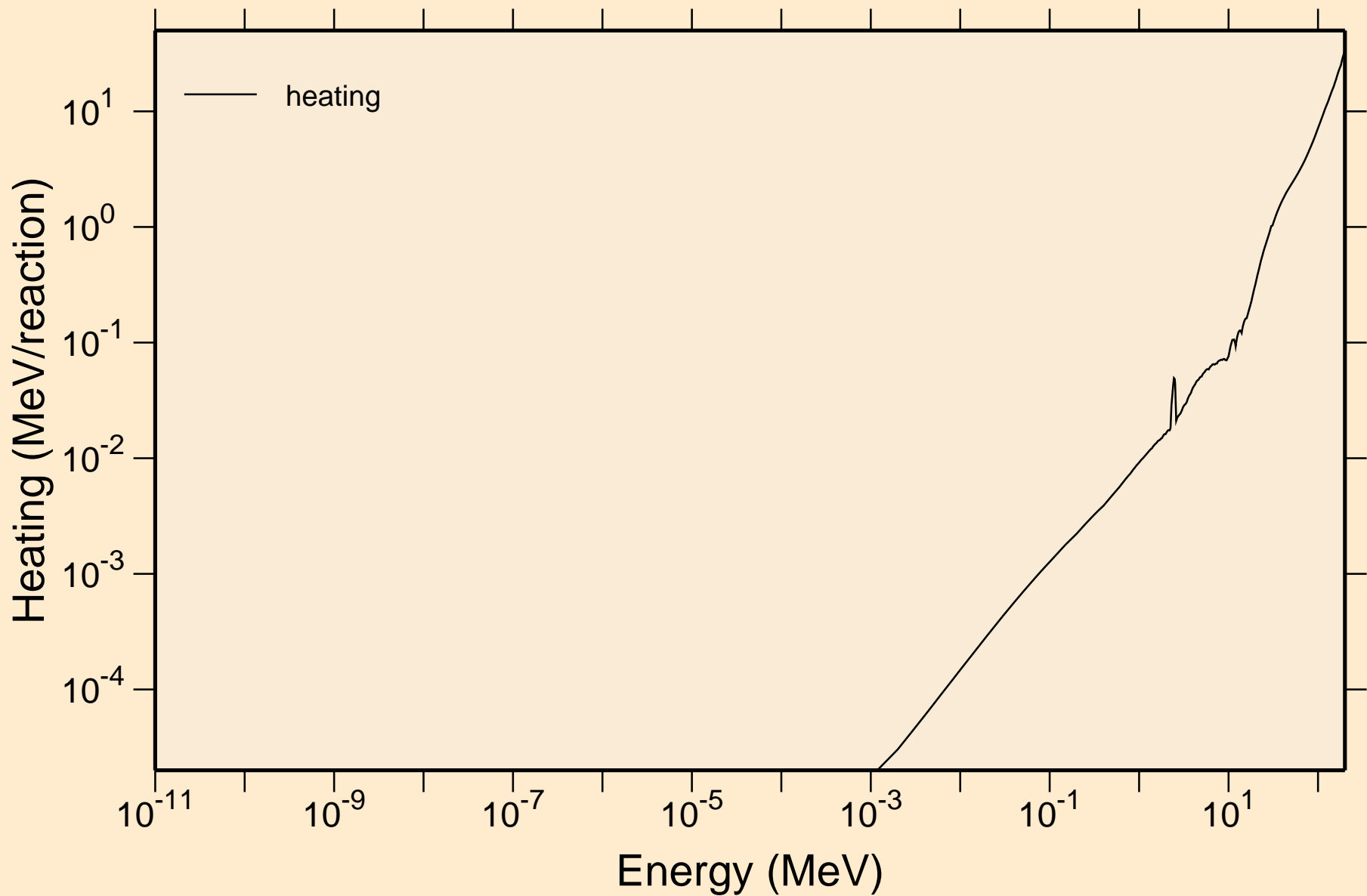
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

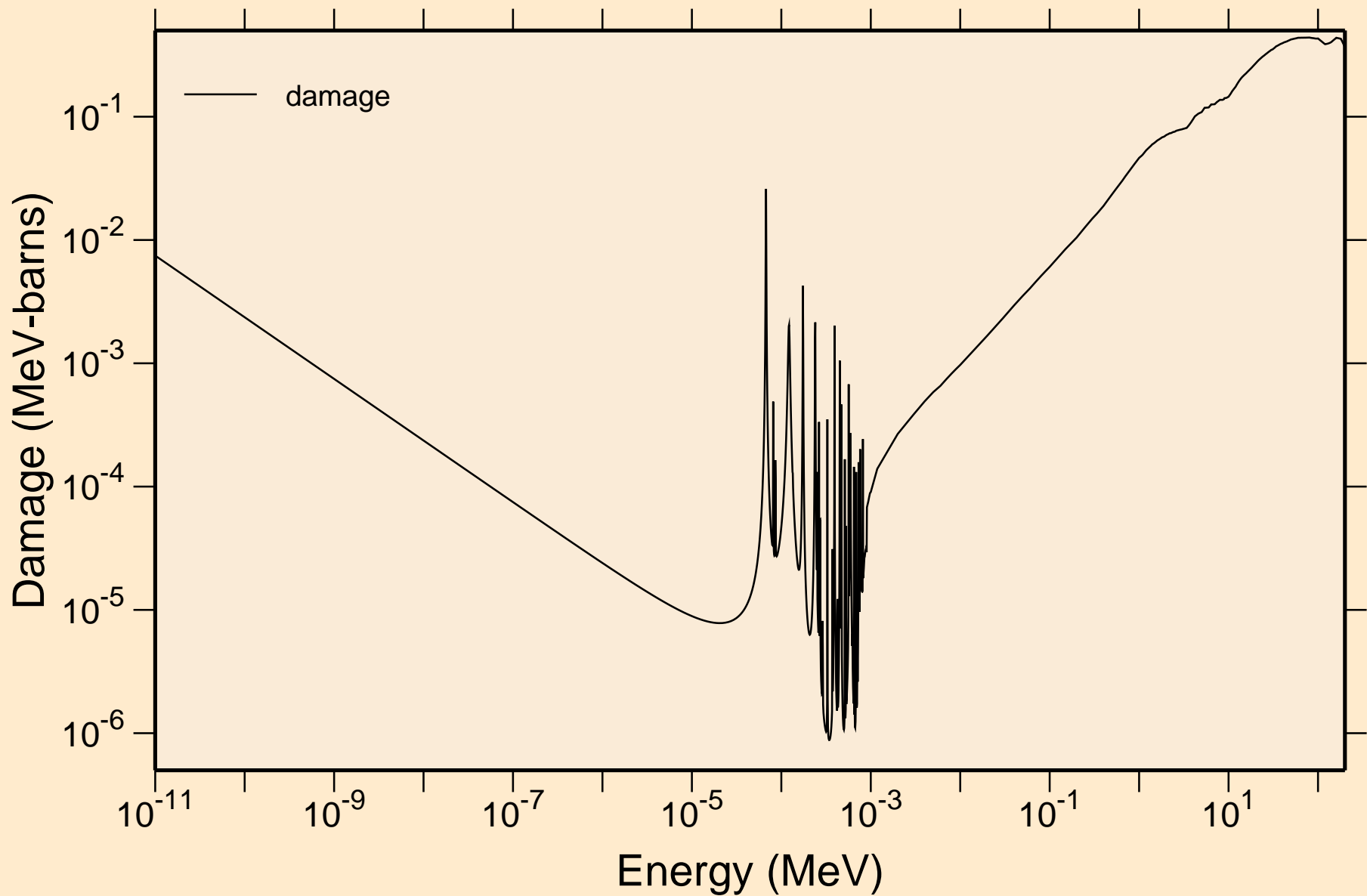


SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

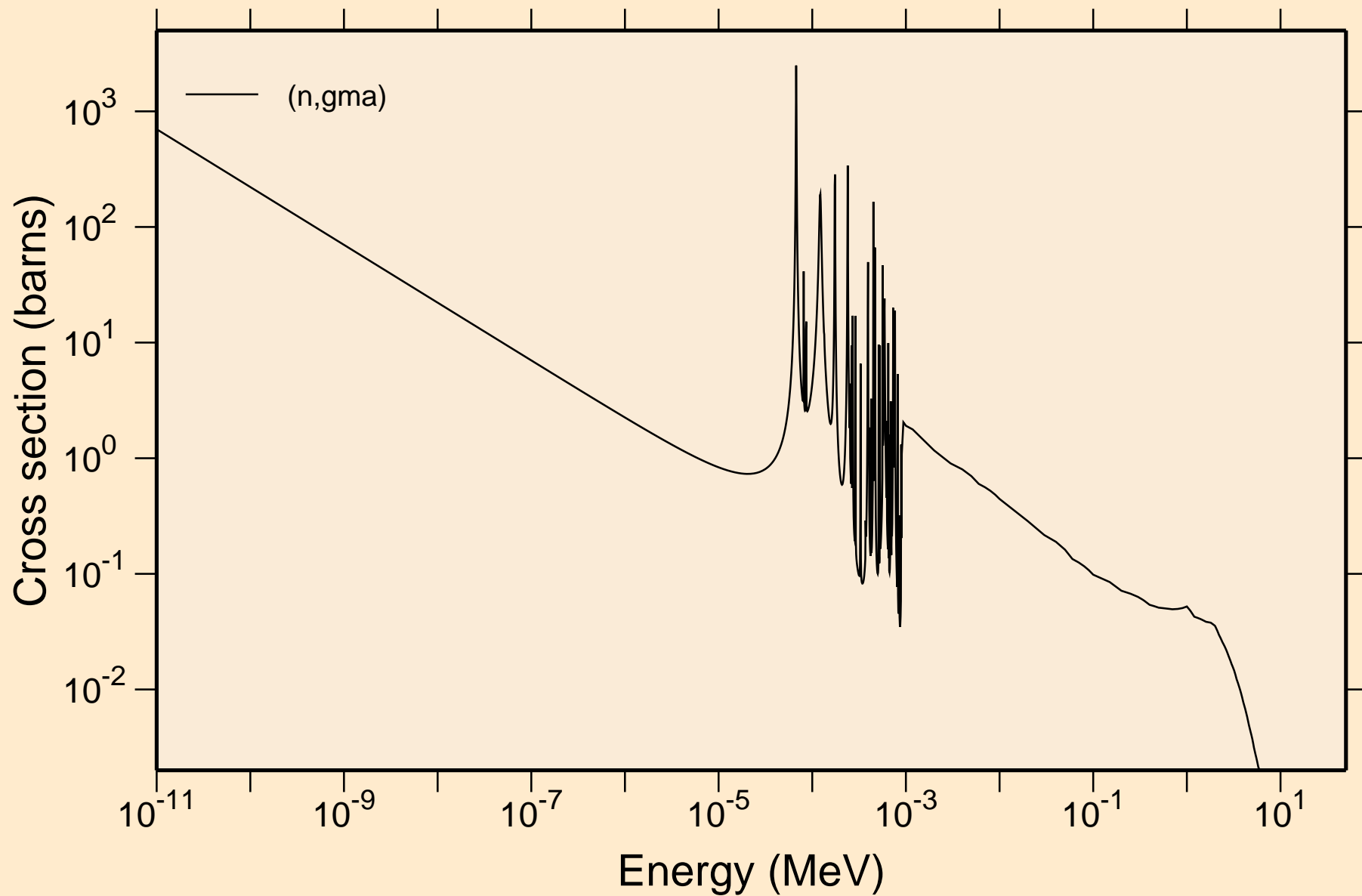




SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

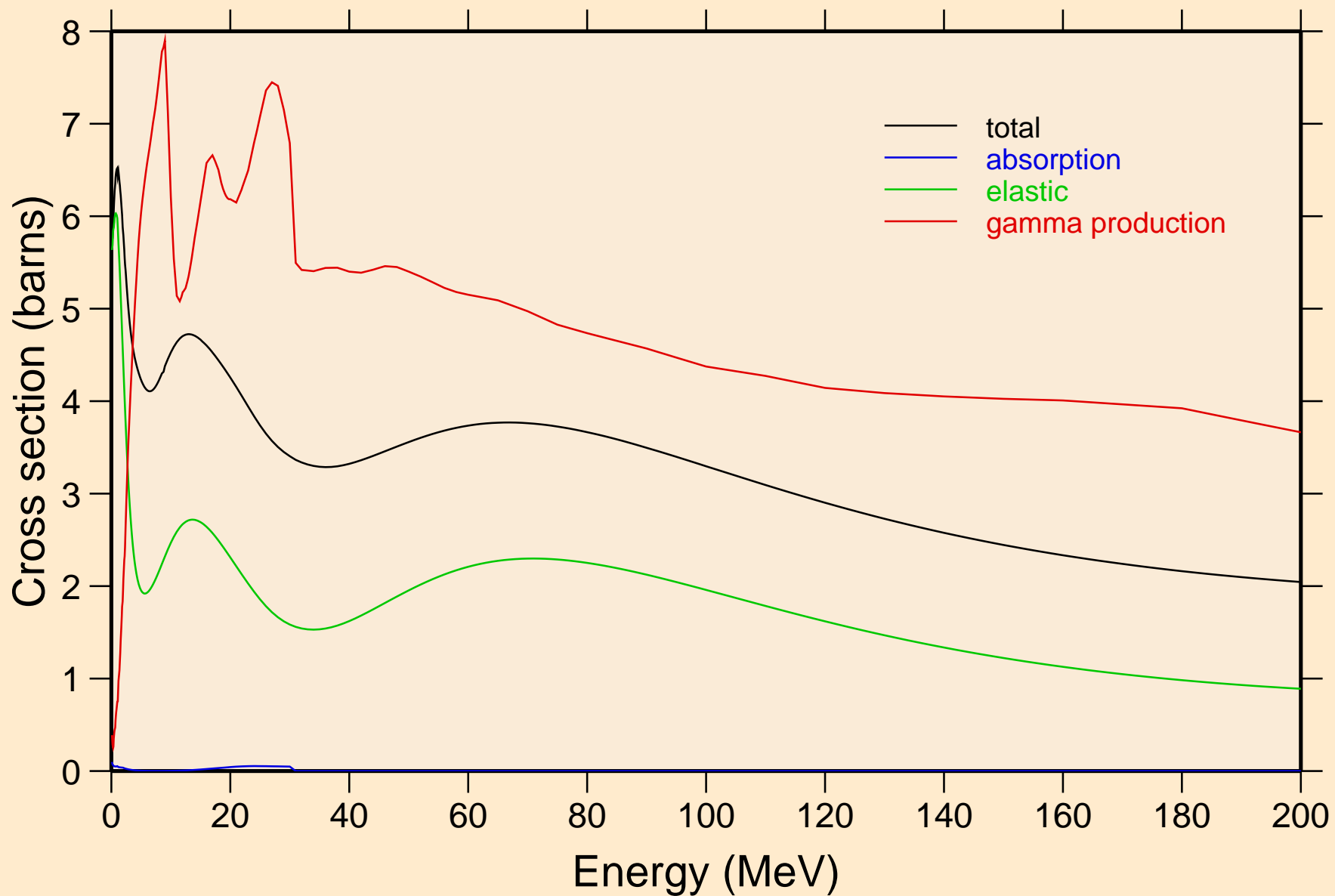


SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

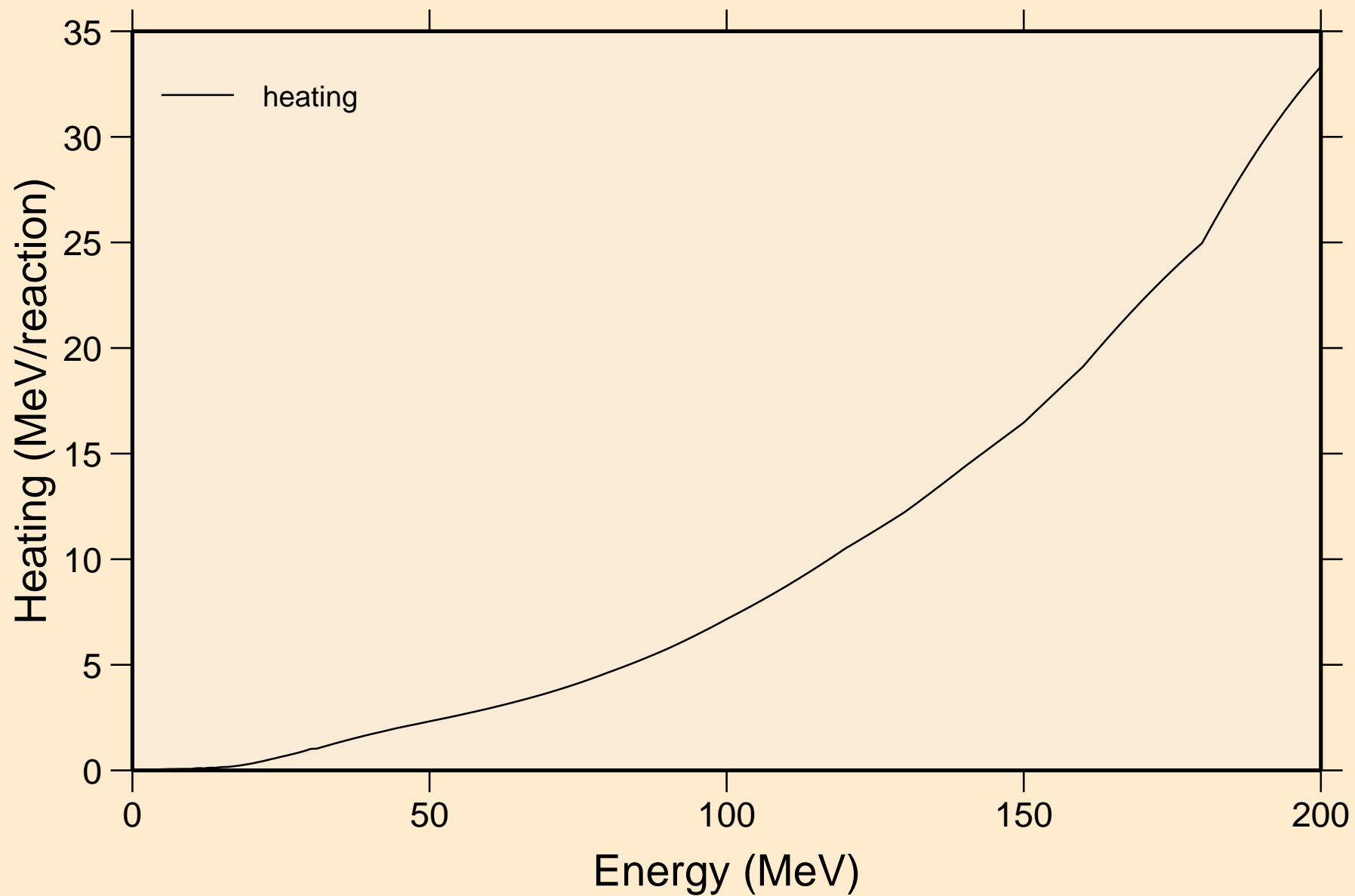


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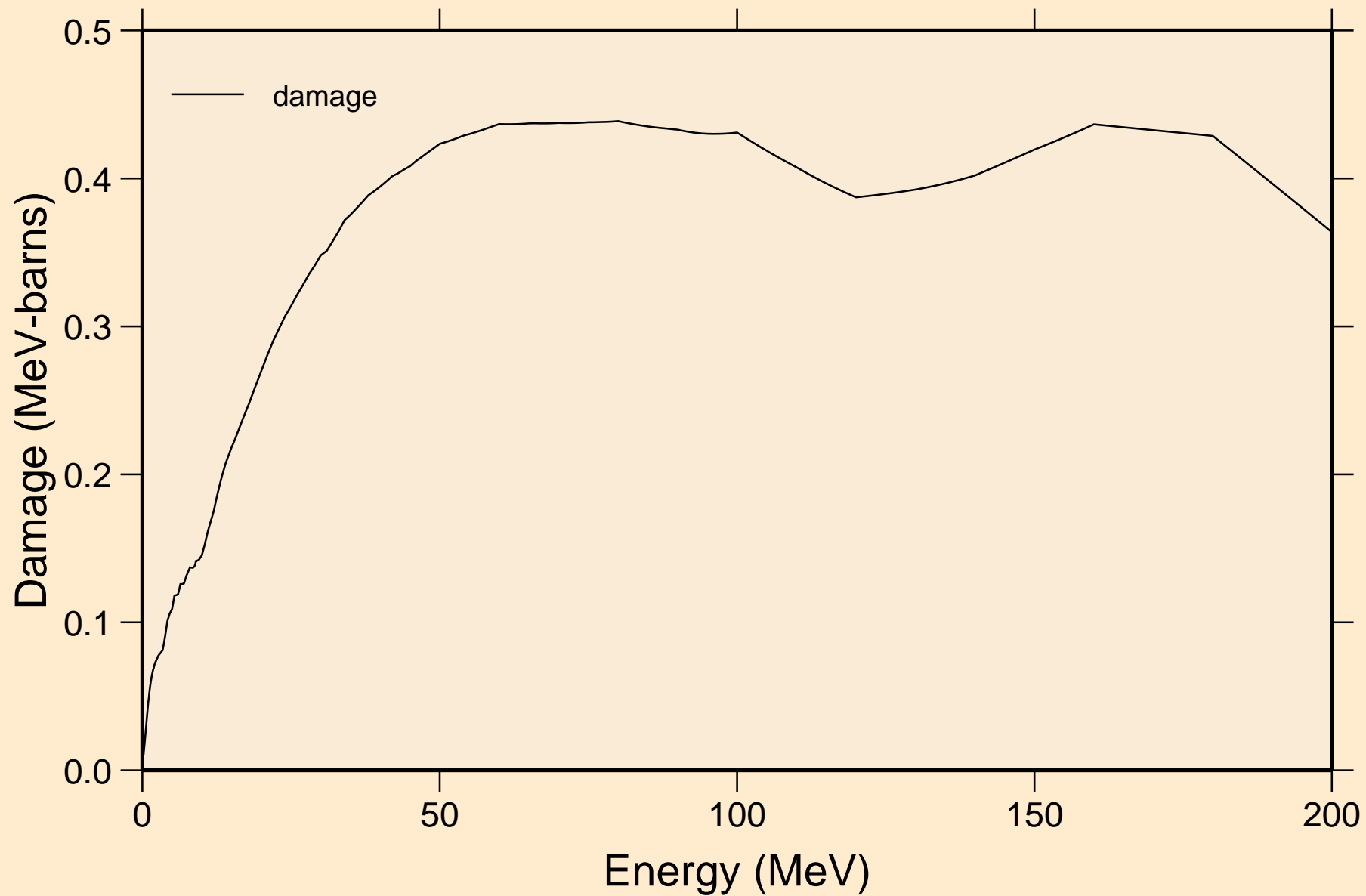
## Principal cross sections



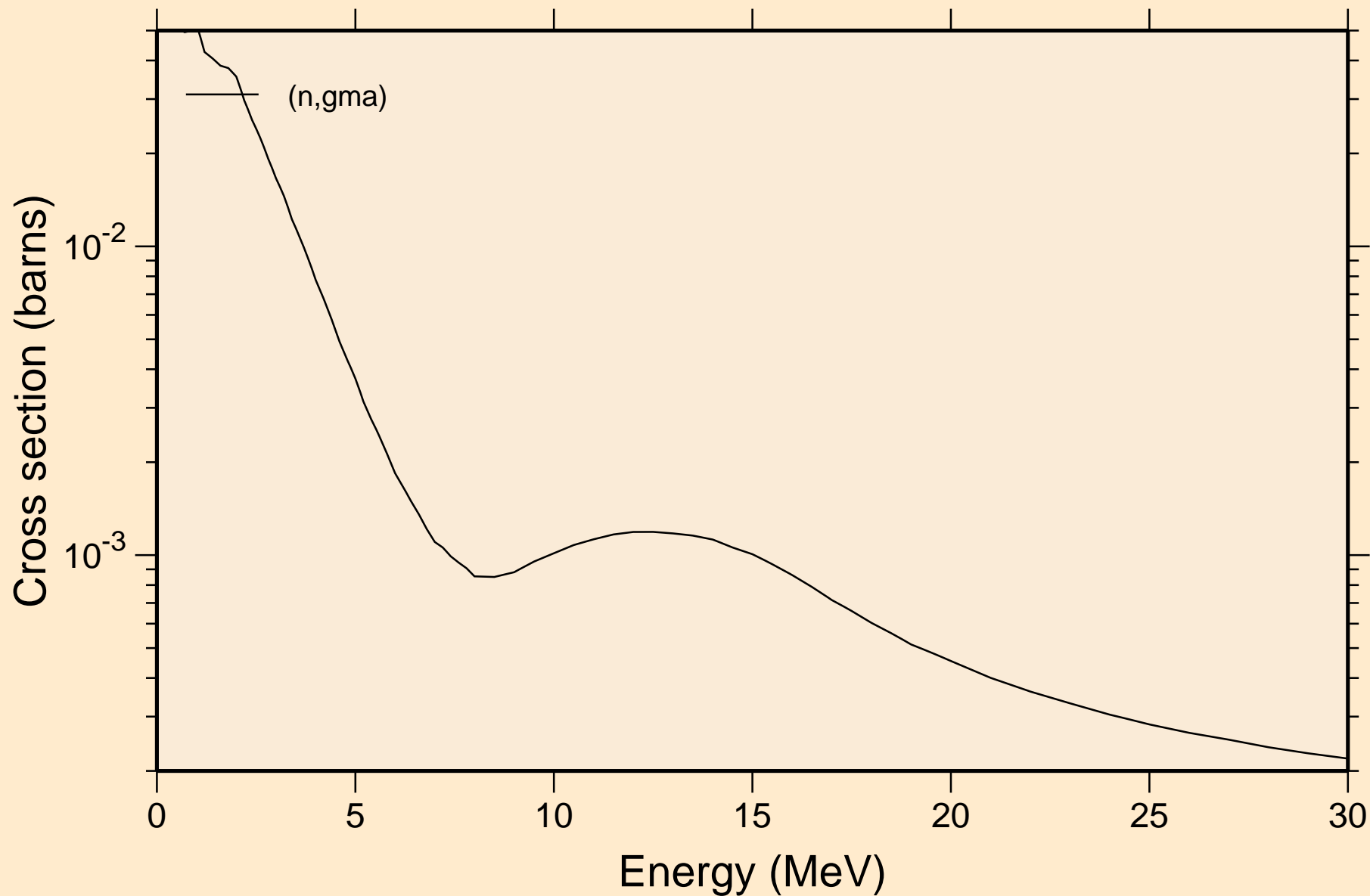
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



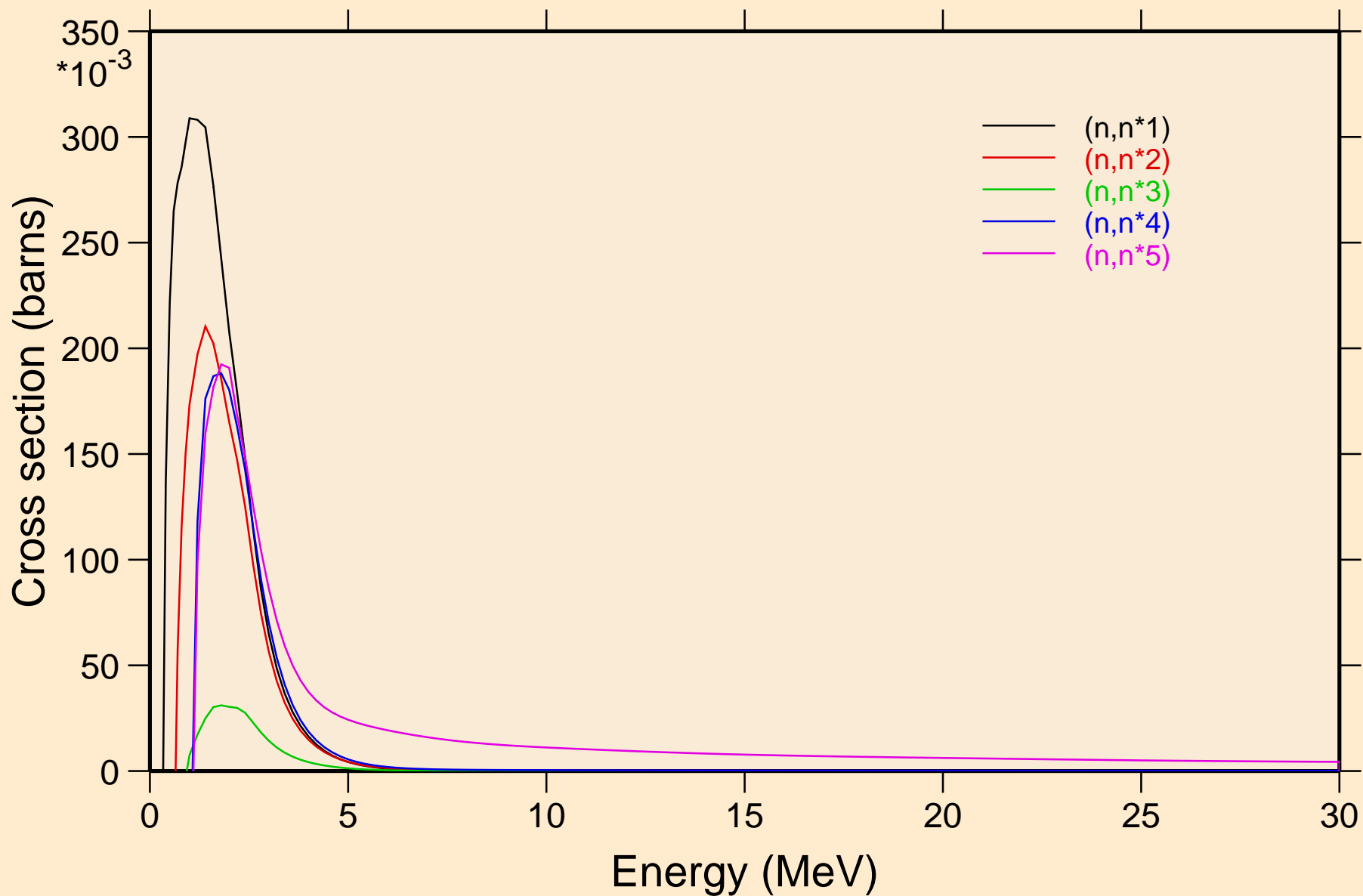
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



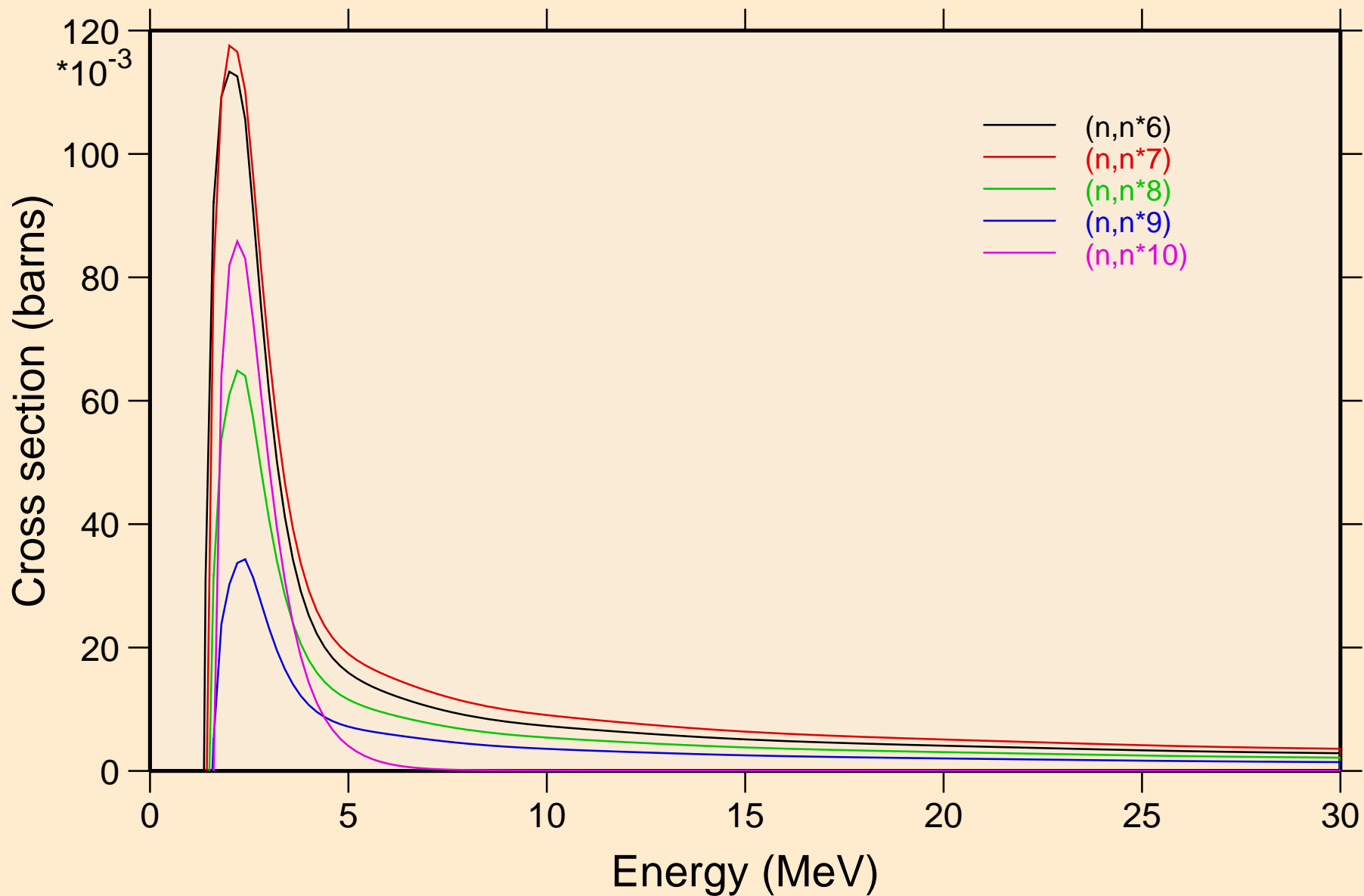
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

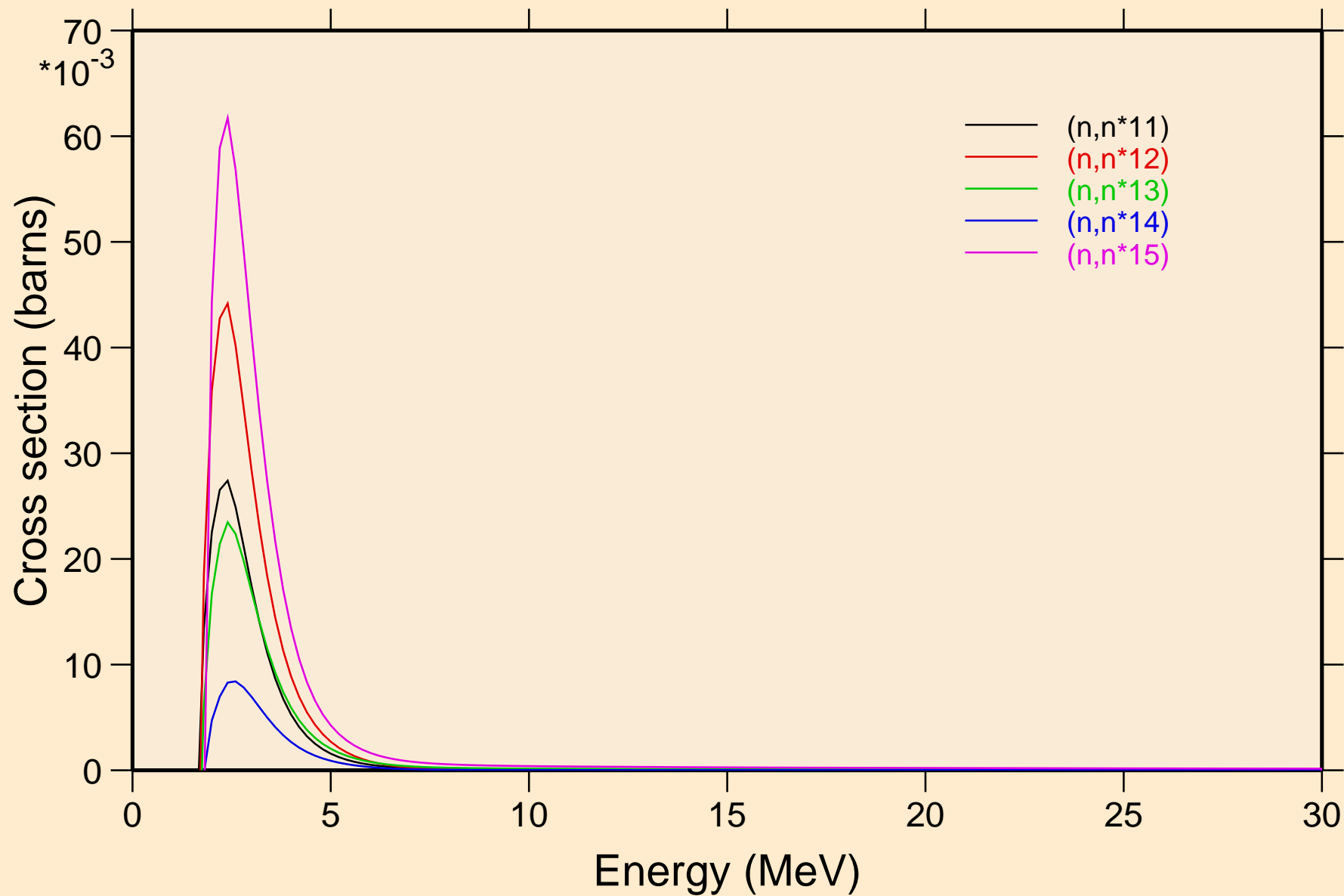


SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

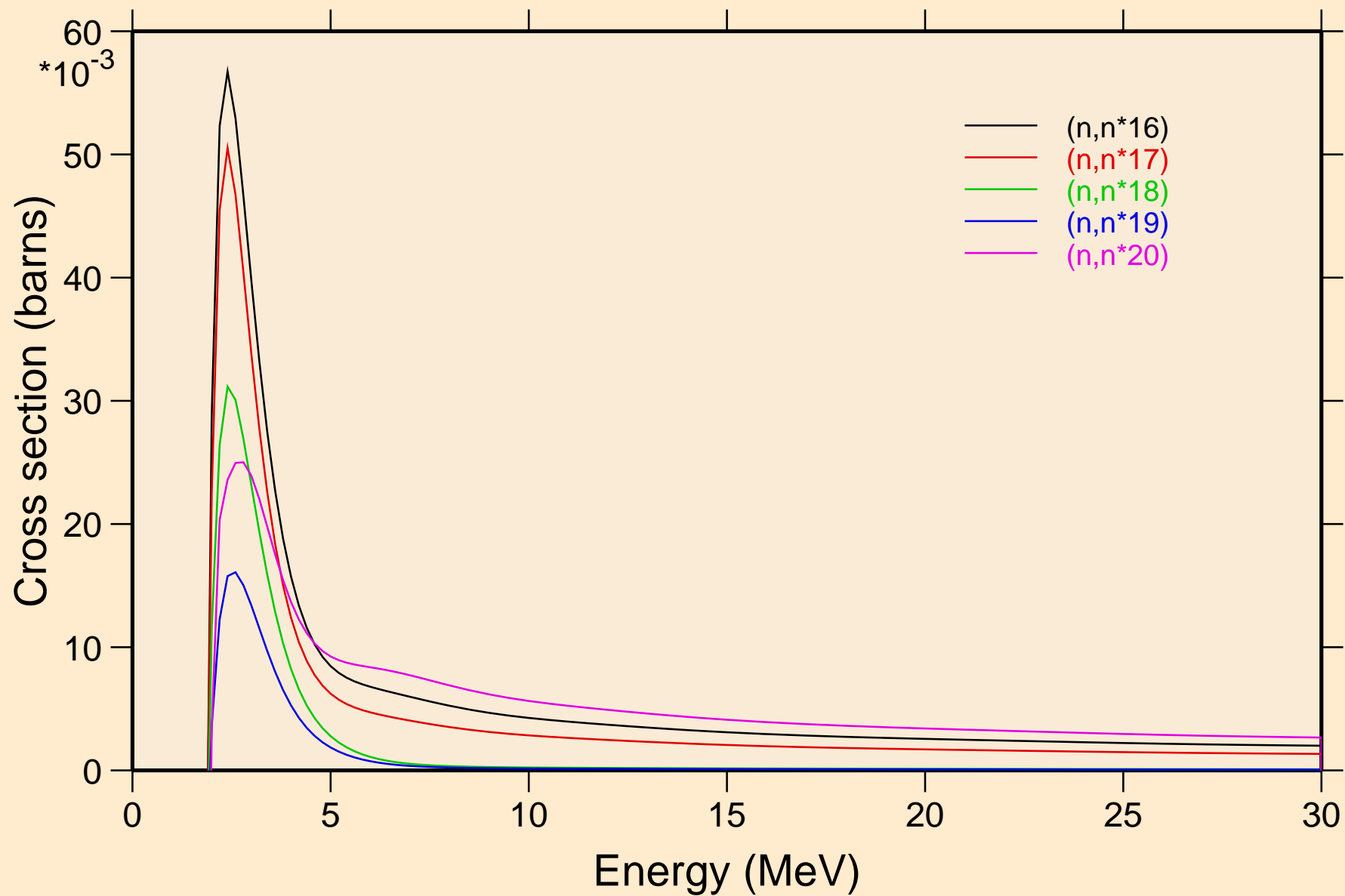




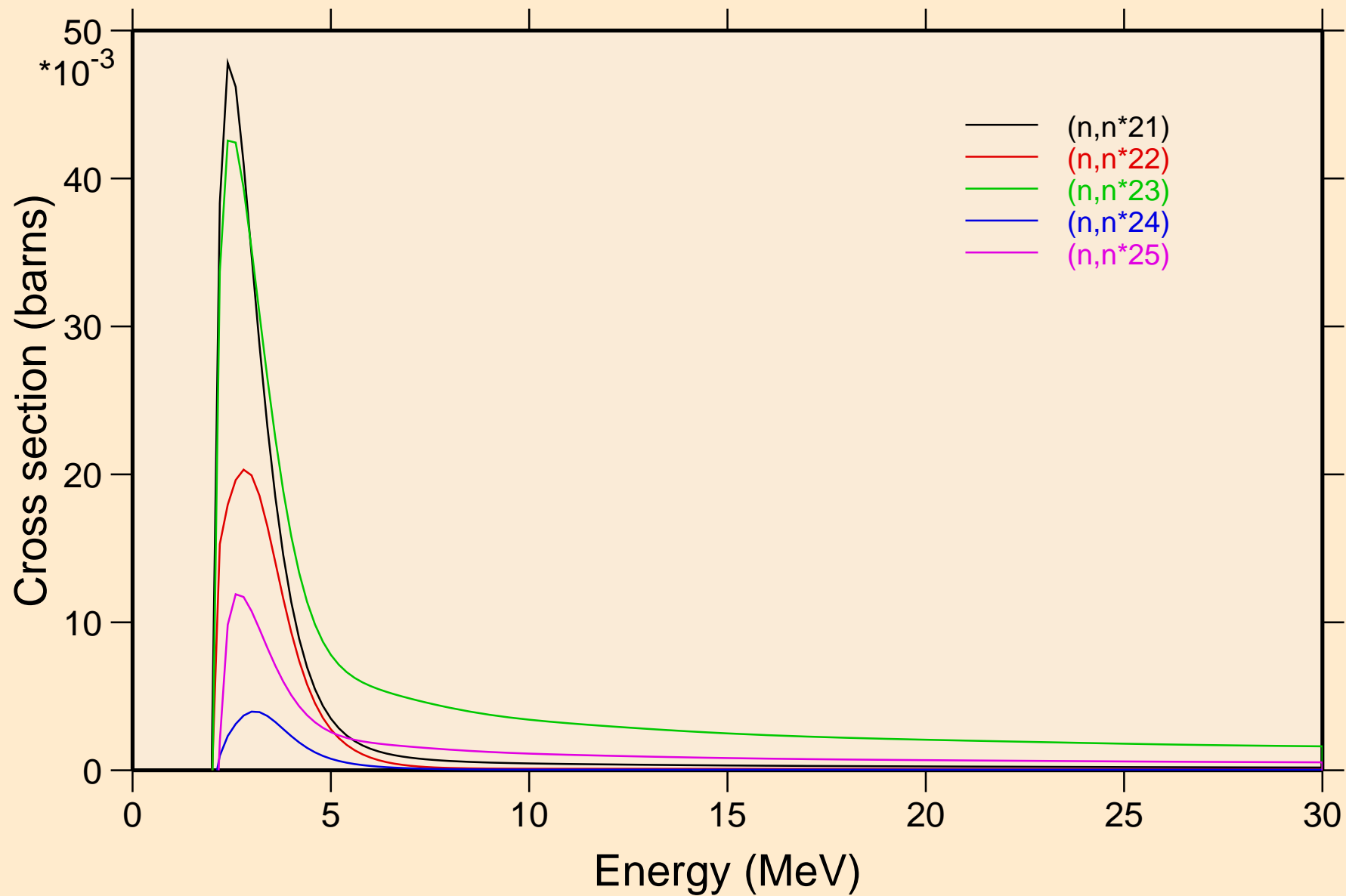
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



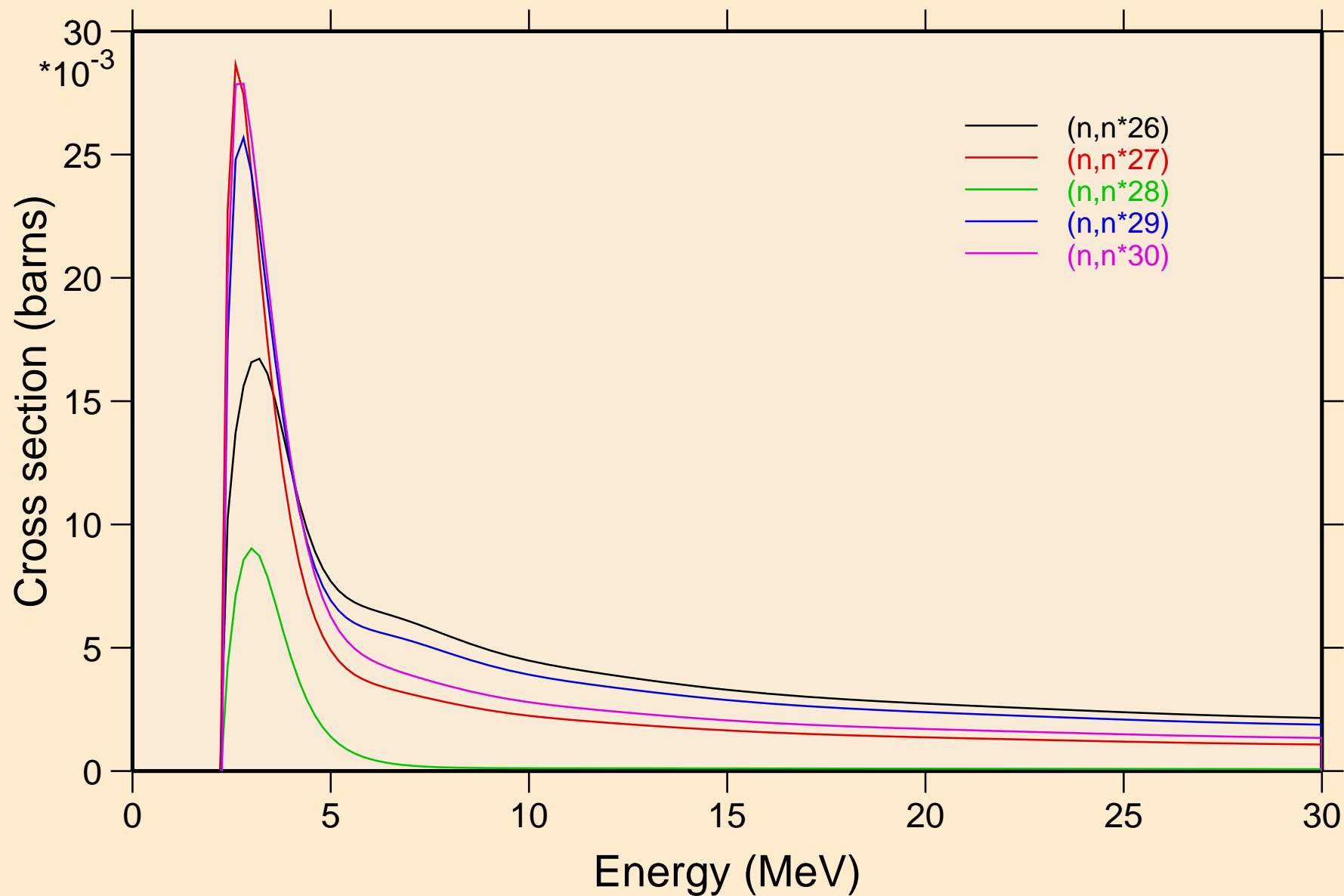
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

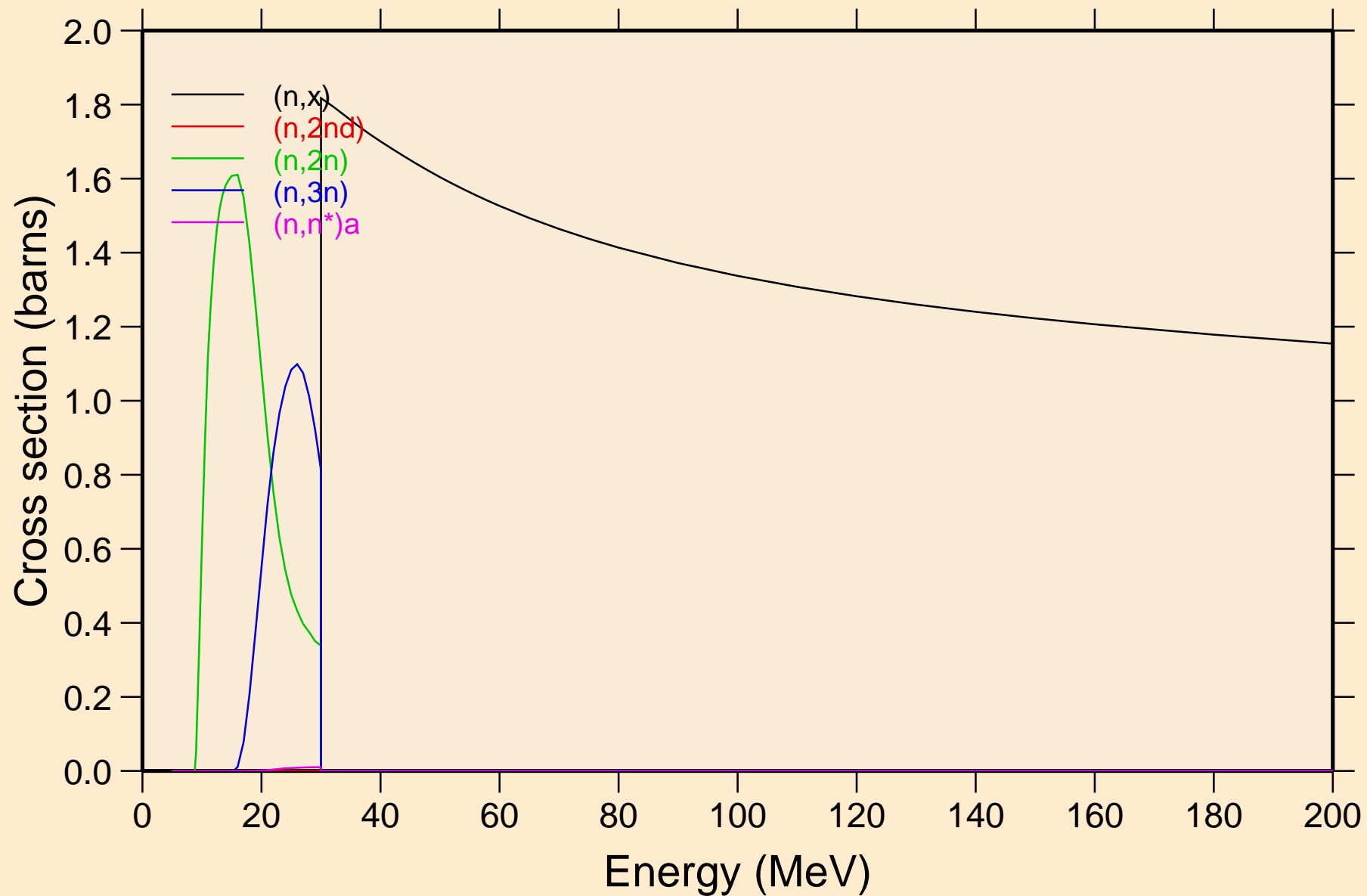


SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



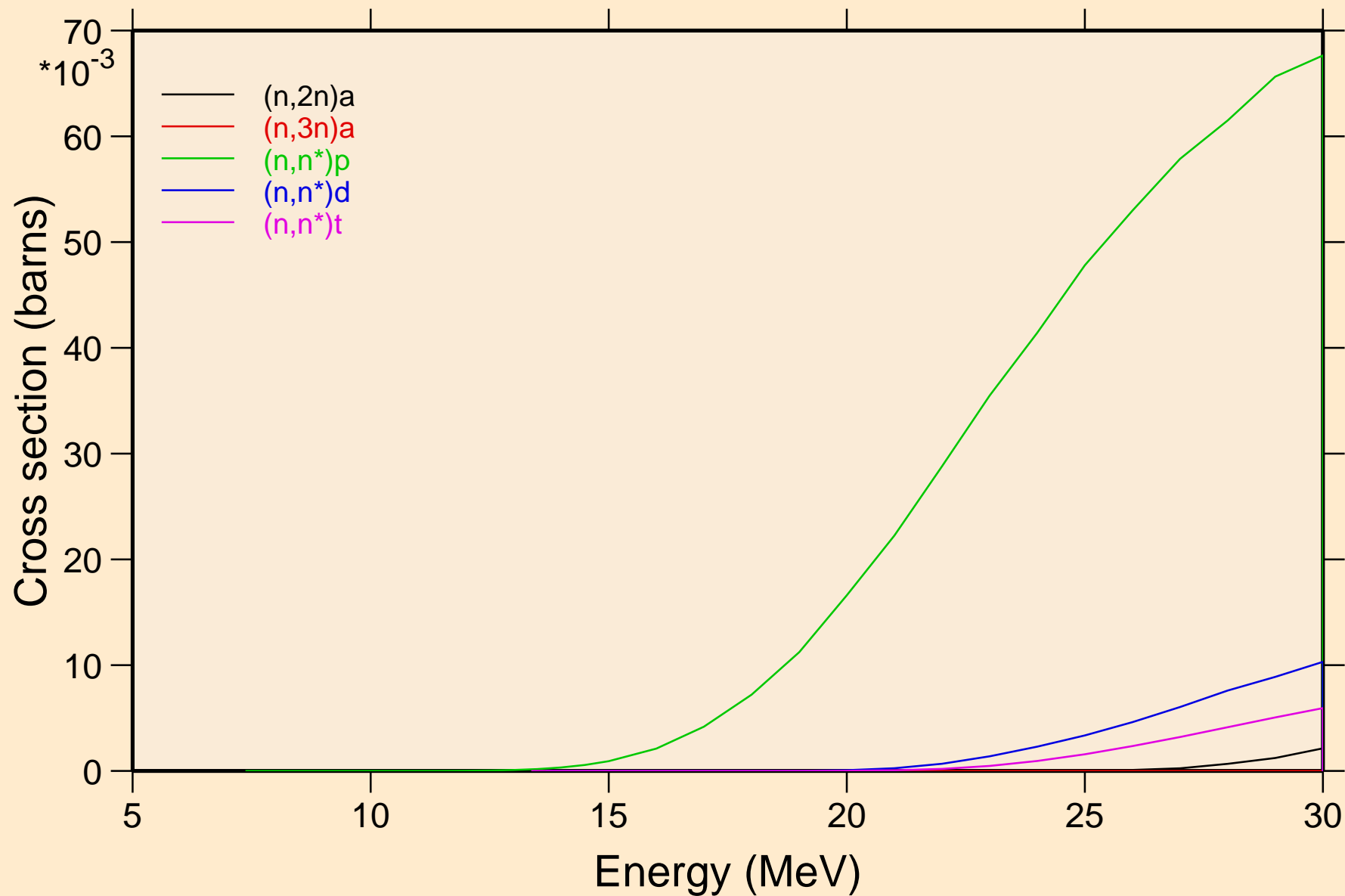
# SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Threshold reactions

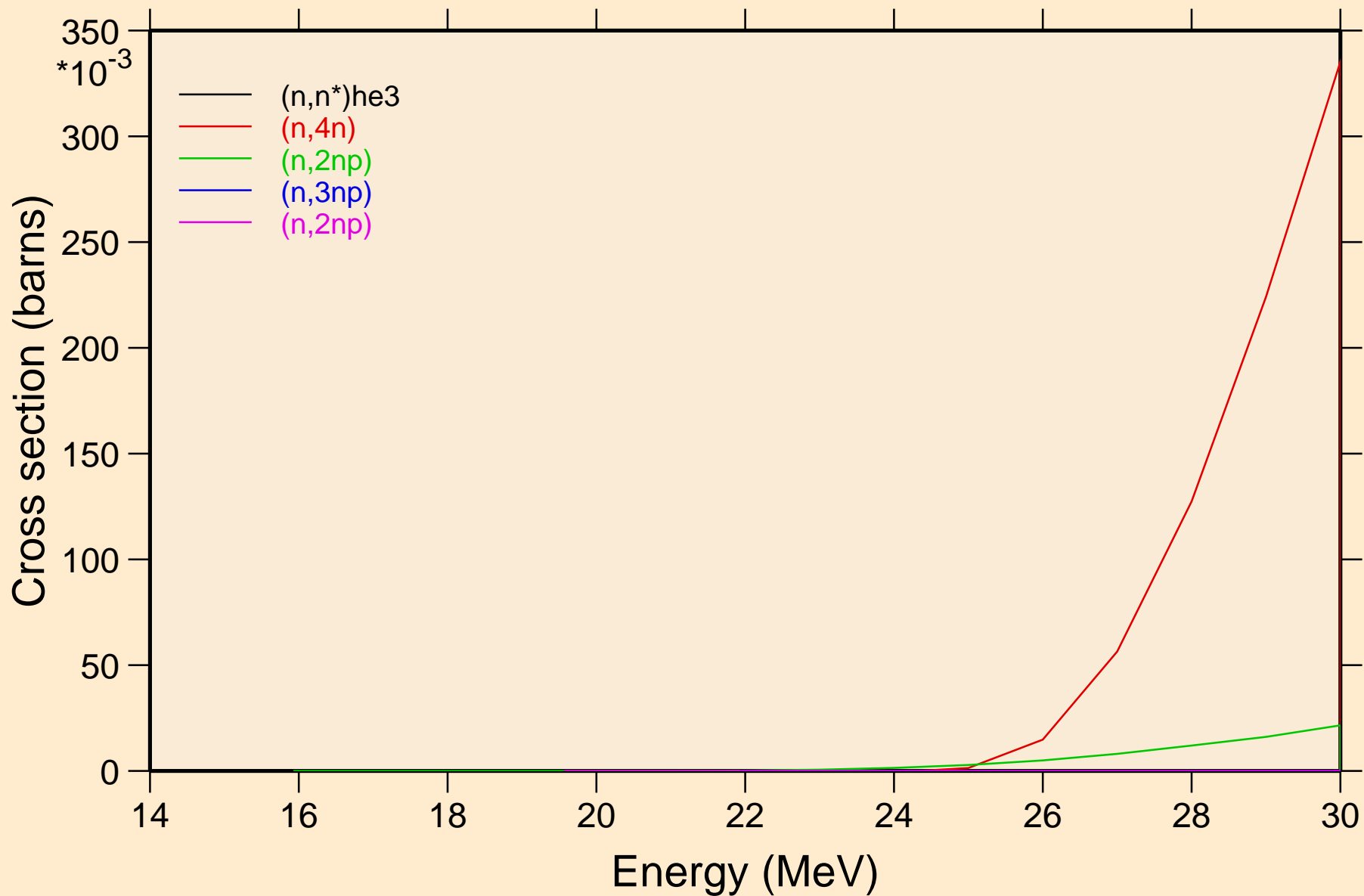


# SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

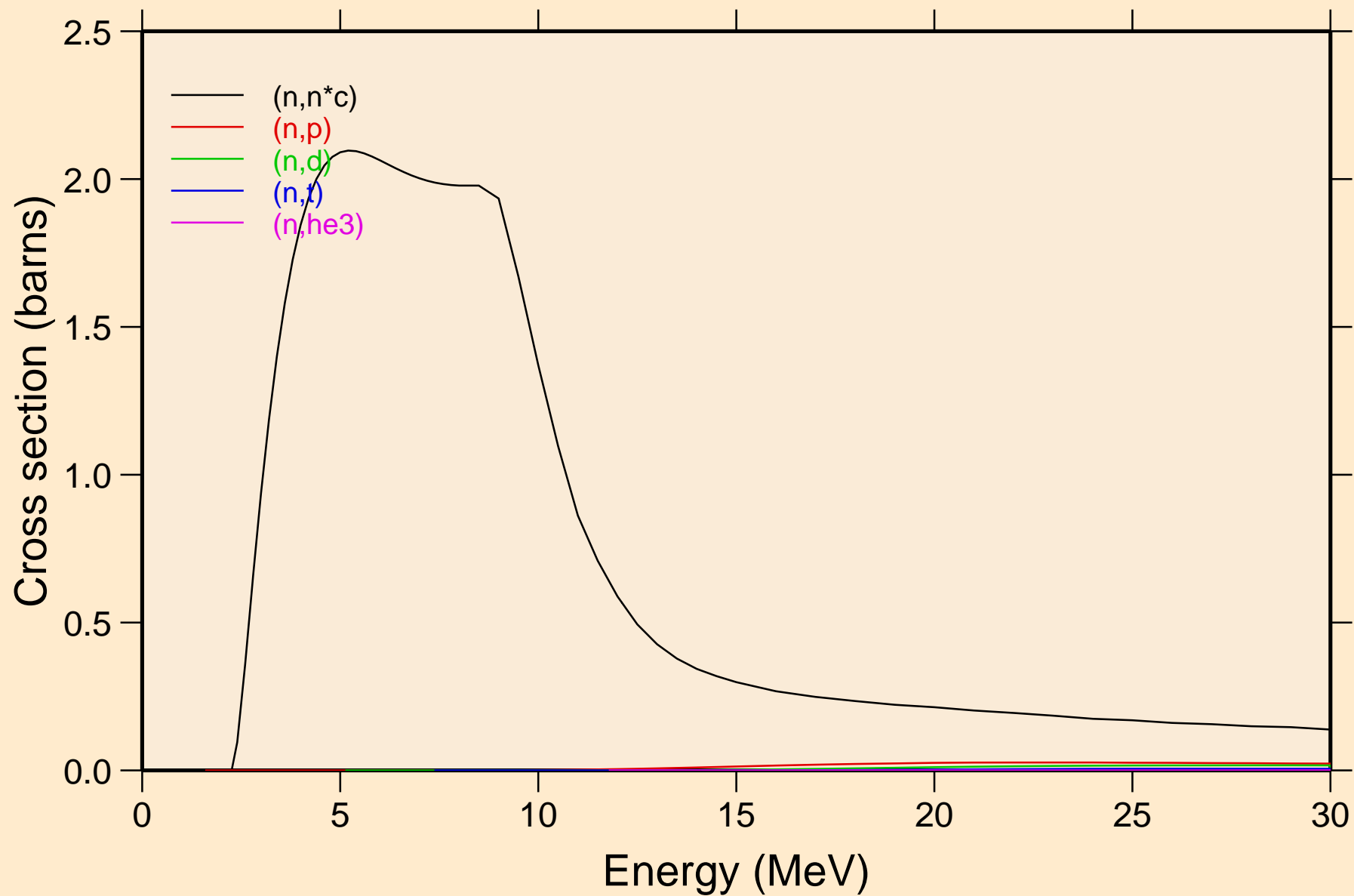
## Threshold reactions



SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

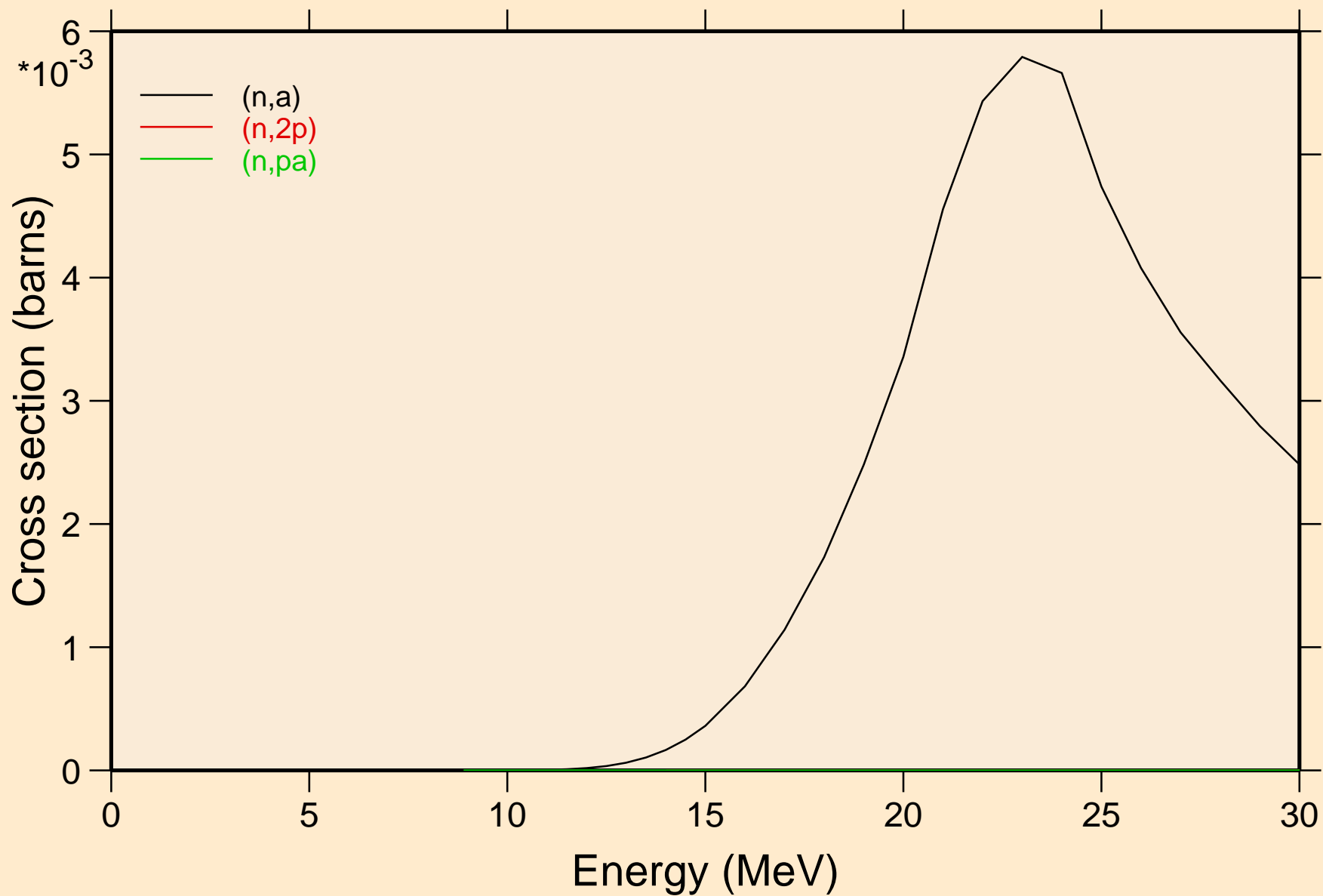


SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

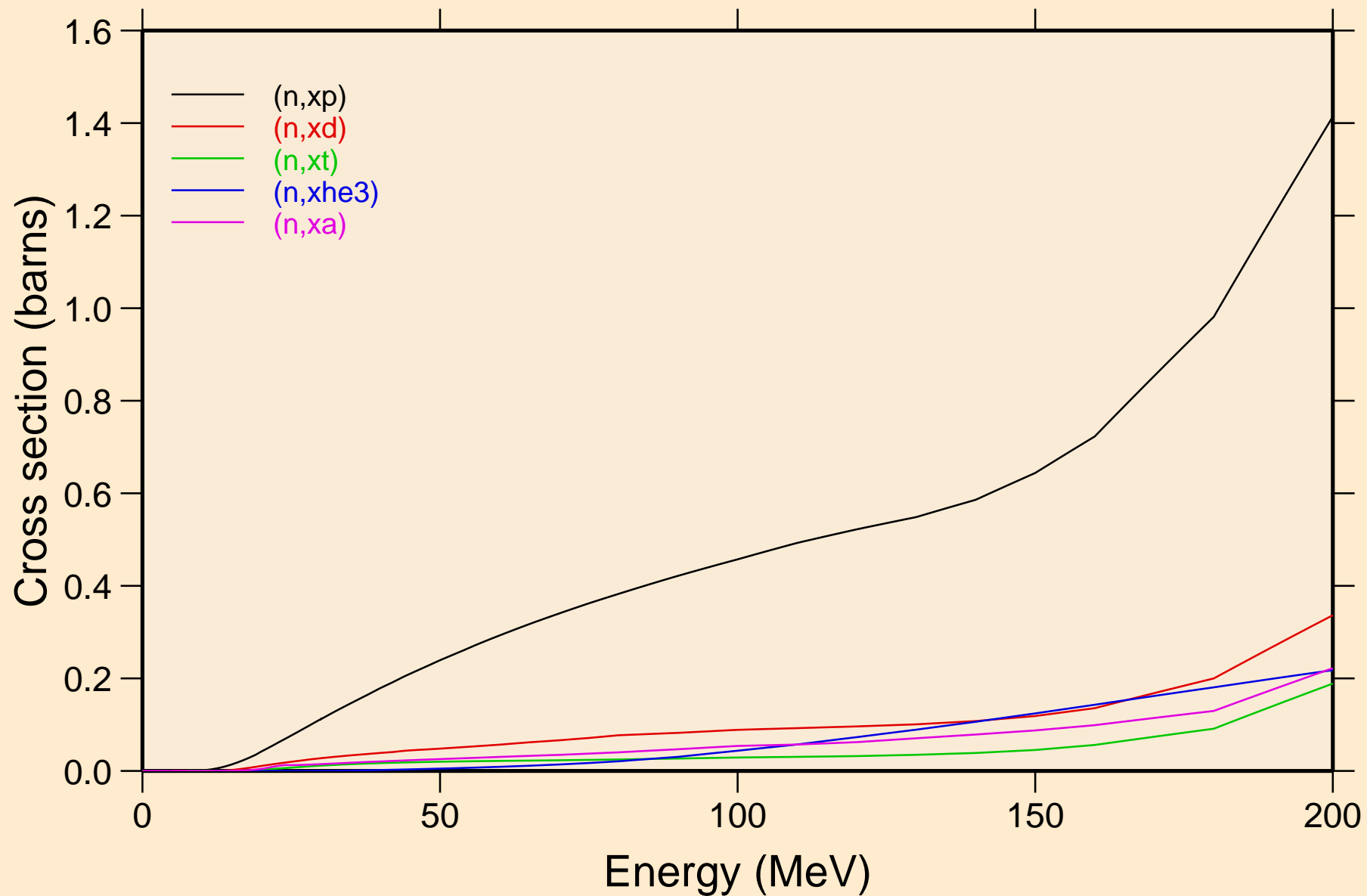




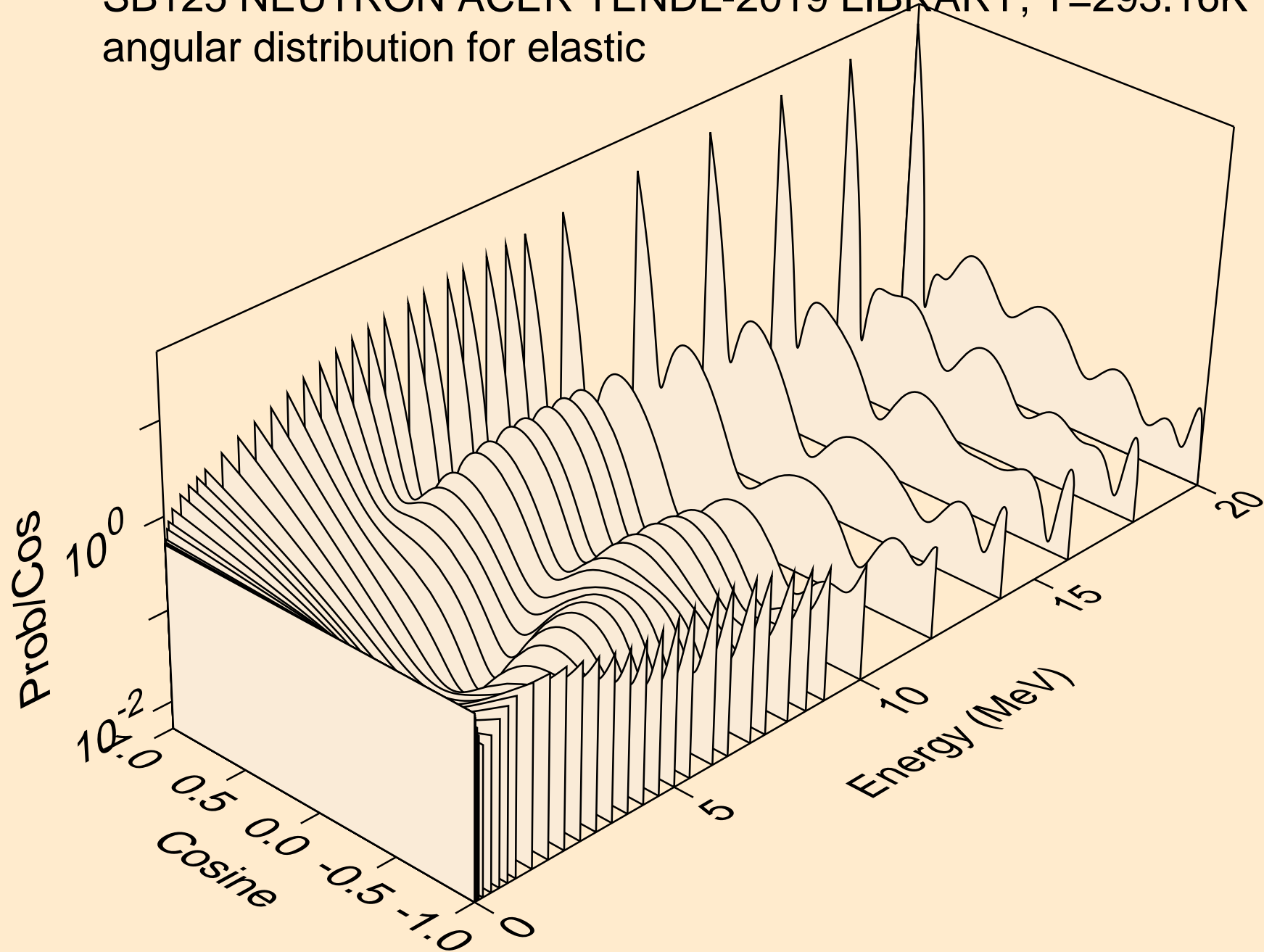
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Threshold reactions



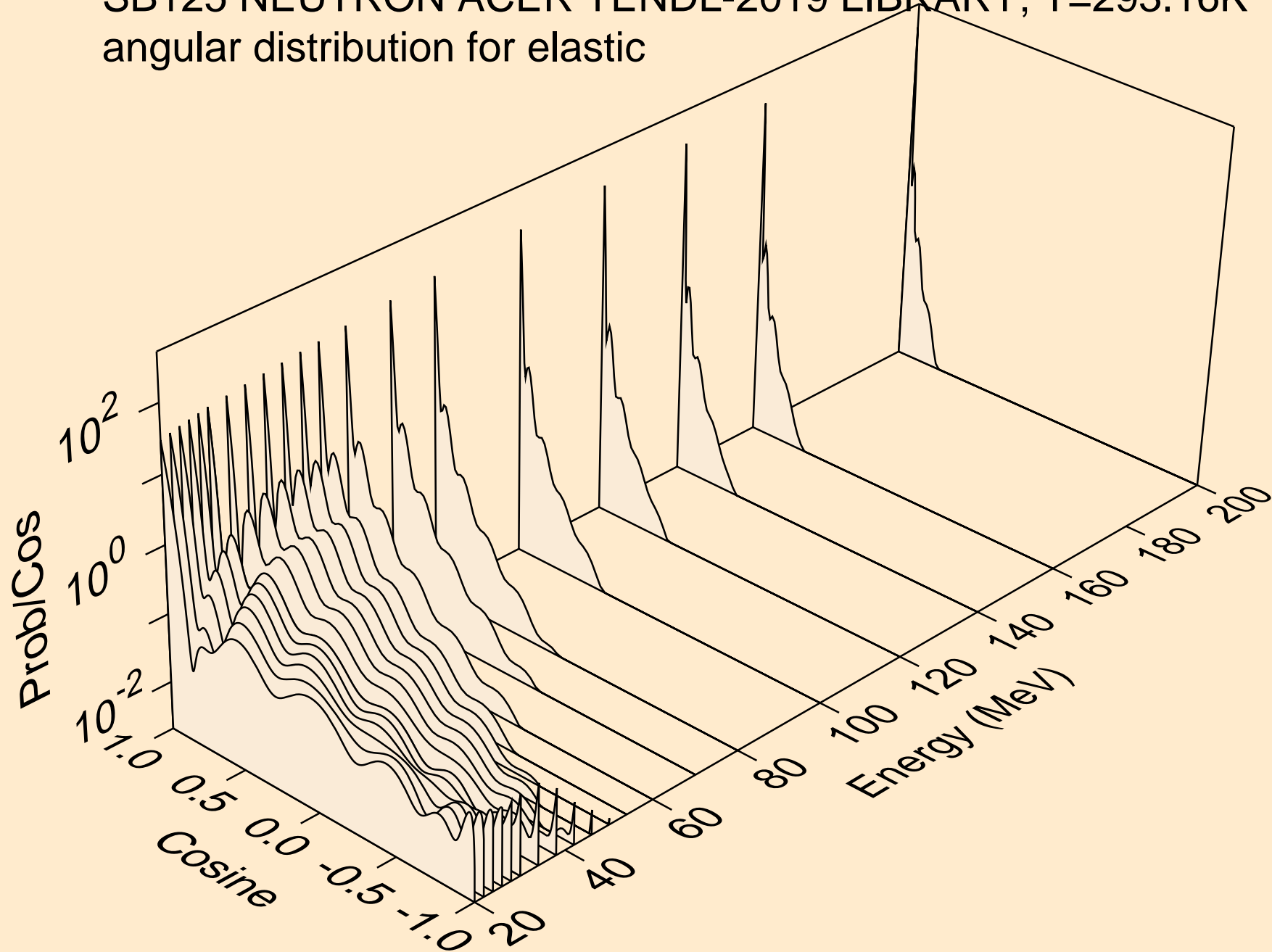
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



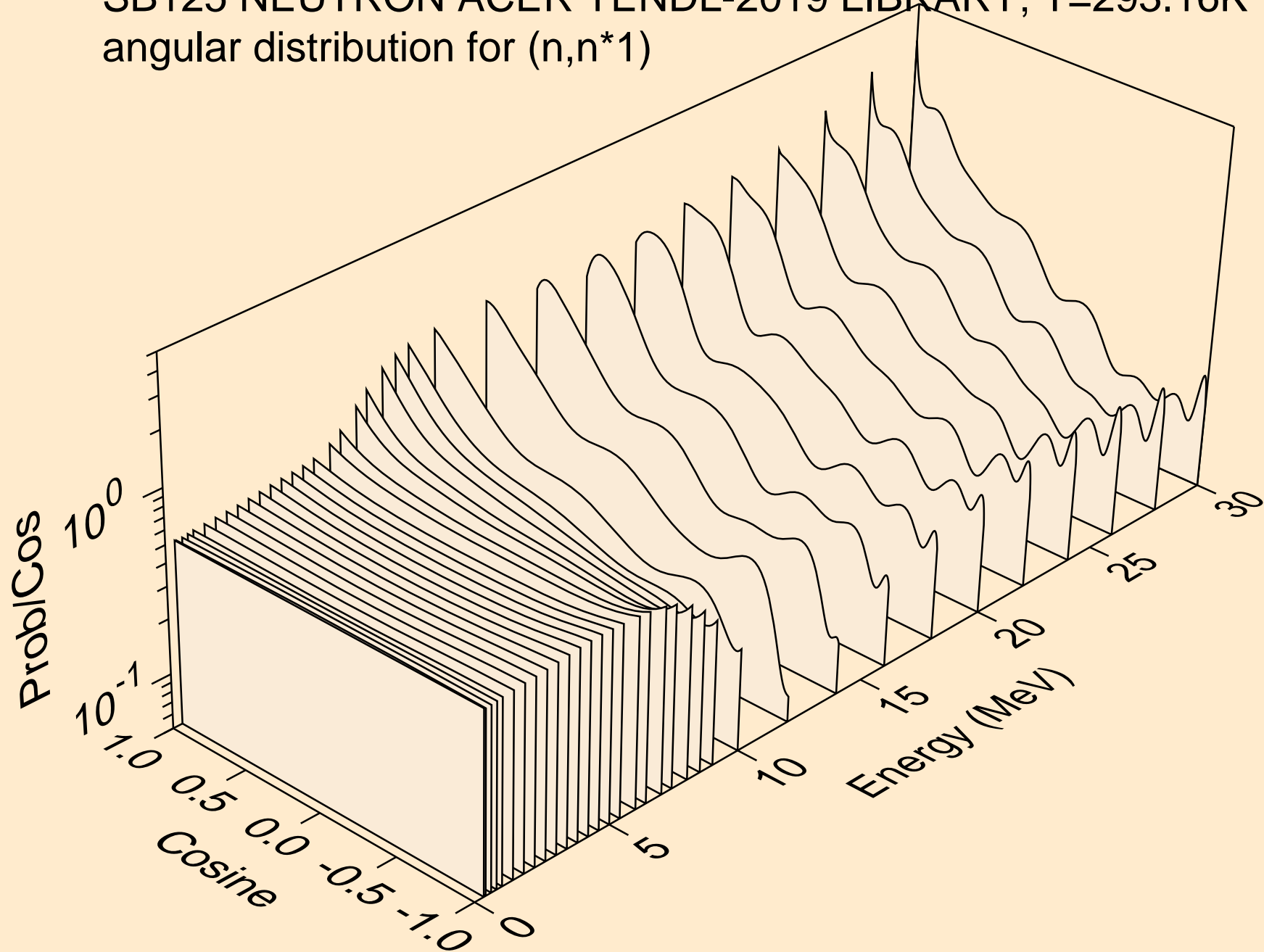
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angular distribution for elastic



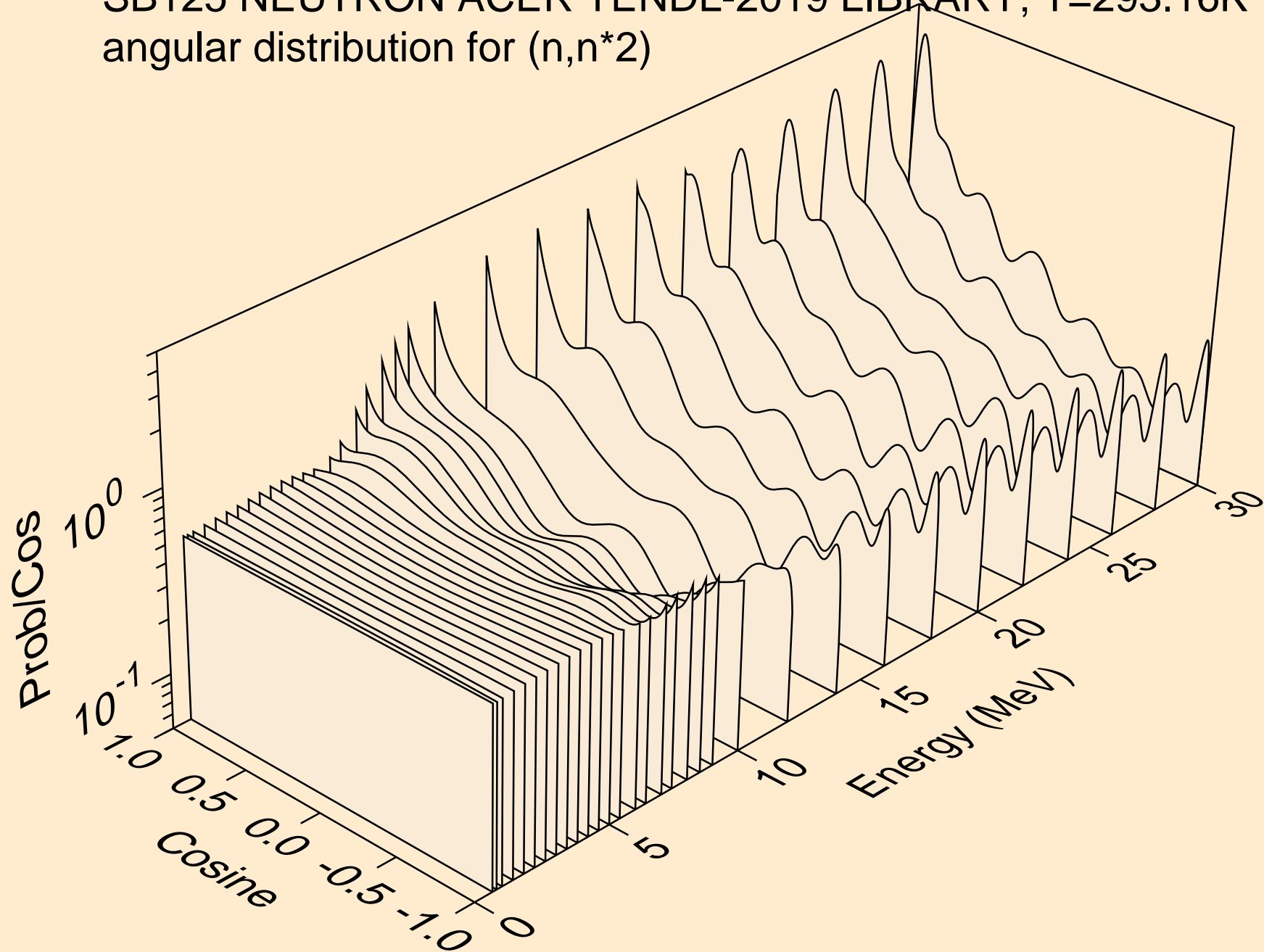
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angular distribution for elastic



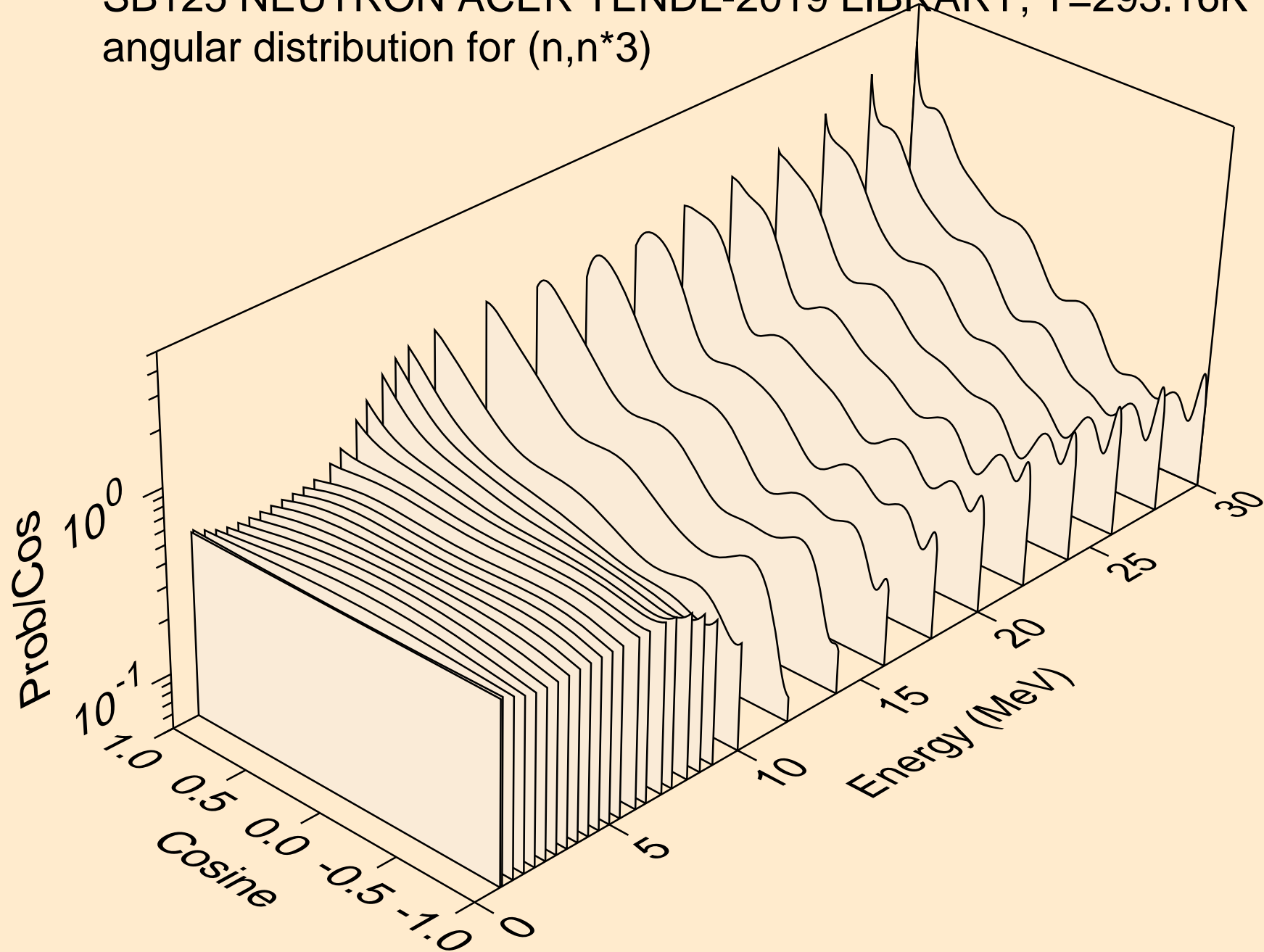
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angular distribution for (n,n\*1)



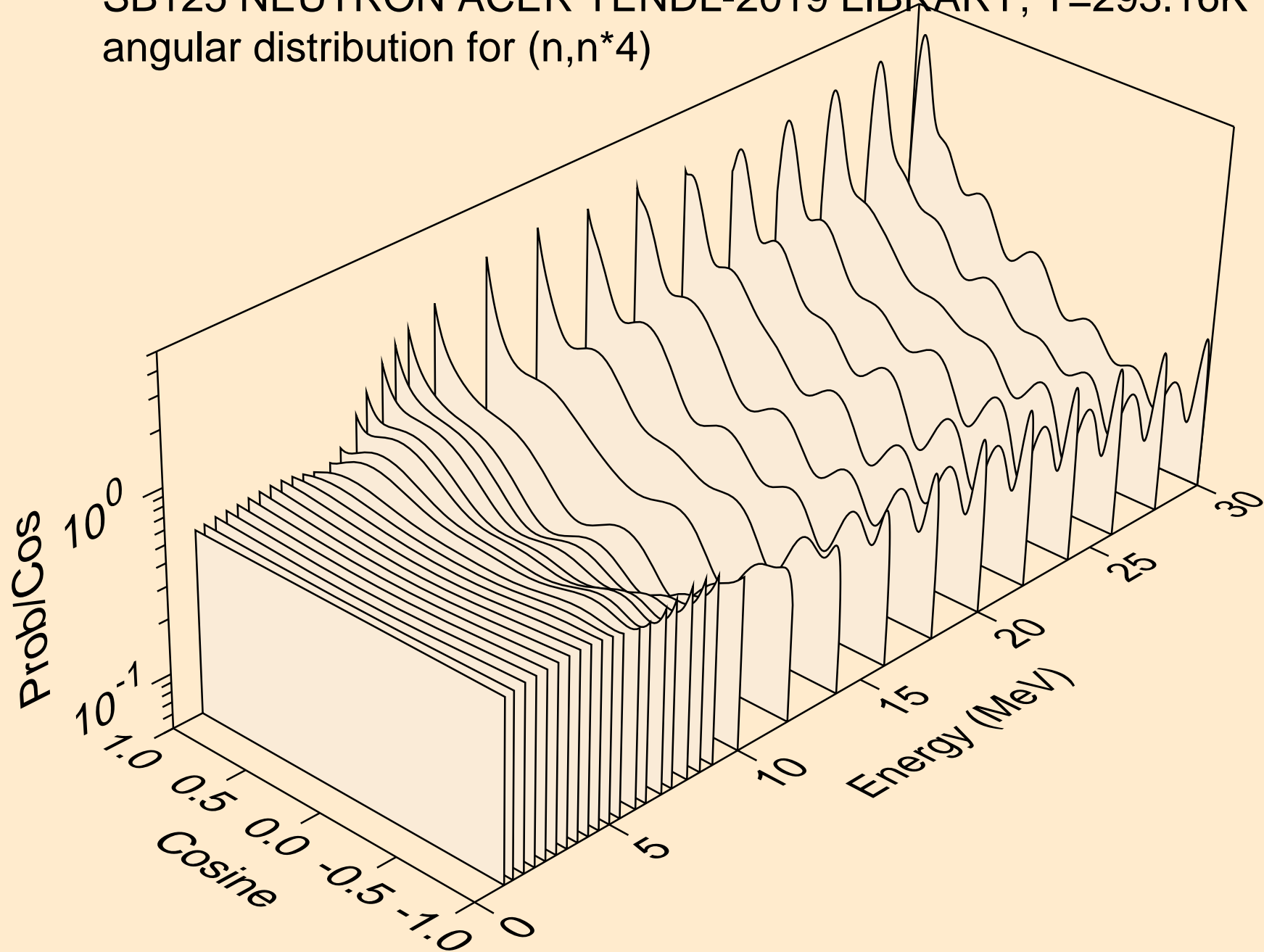
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)



SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)

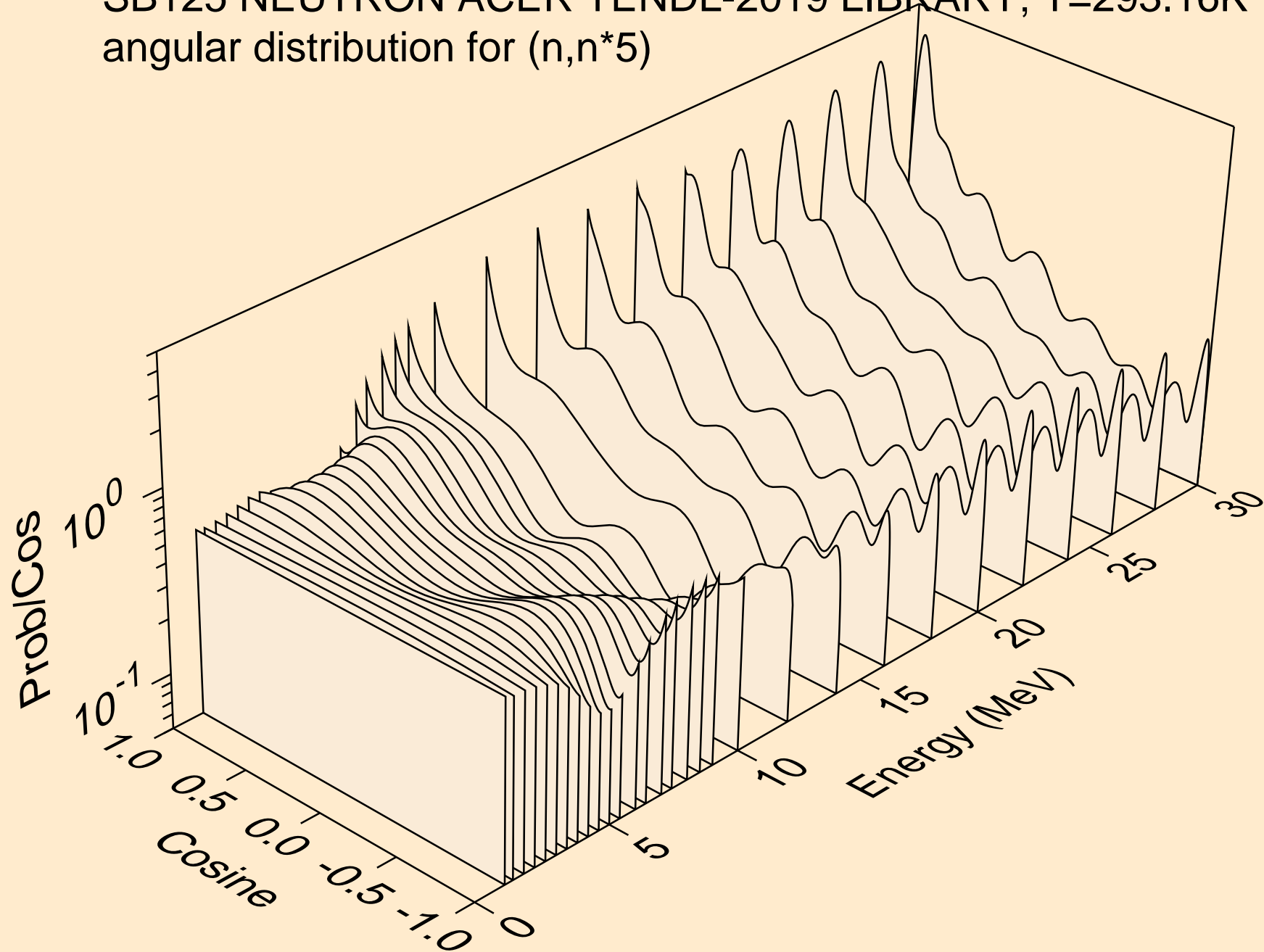


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angular distribution for (n,n\*4)

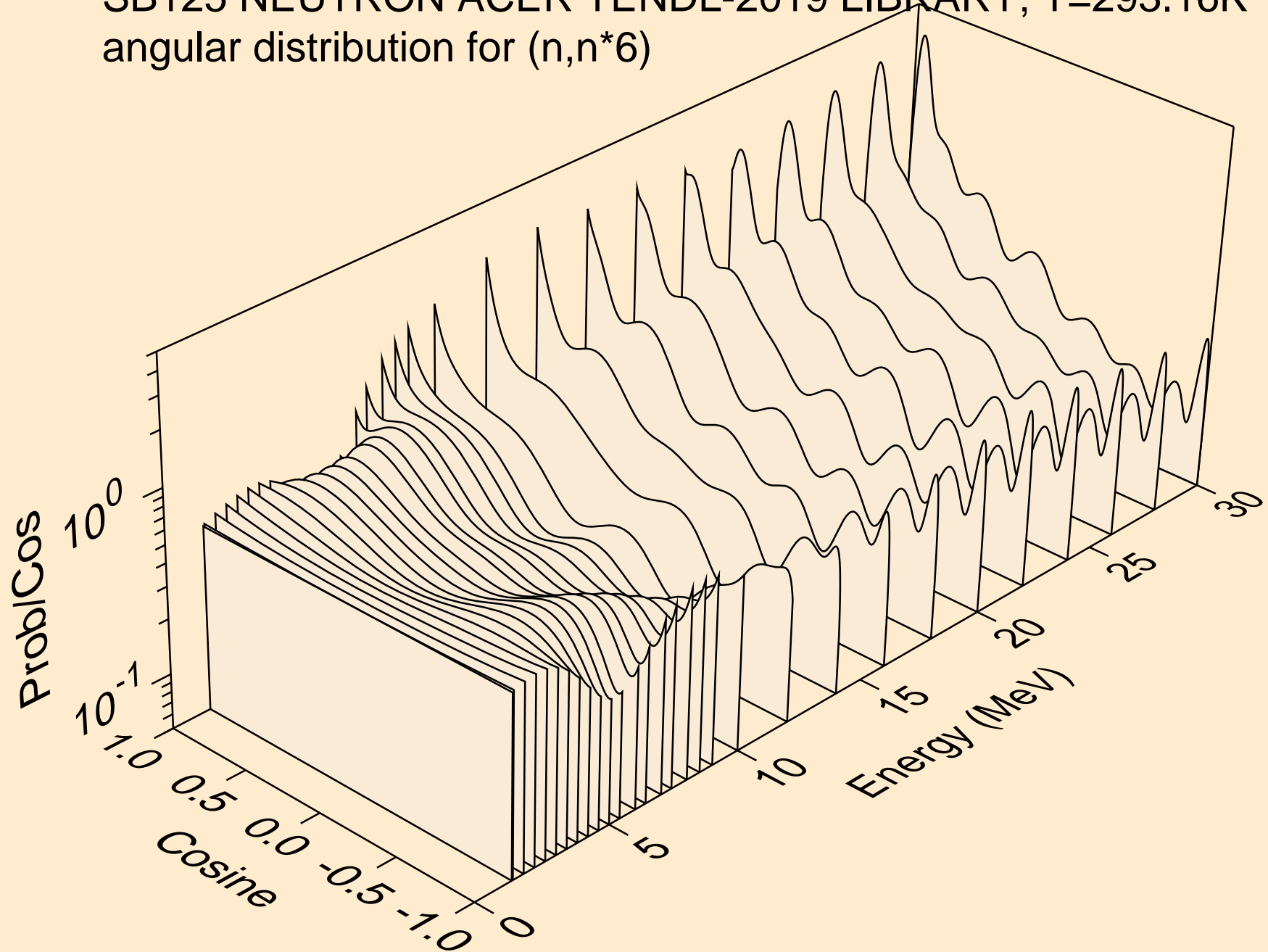




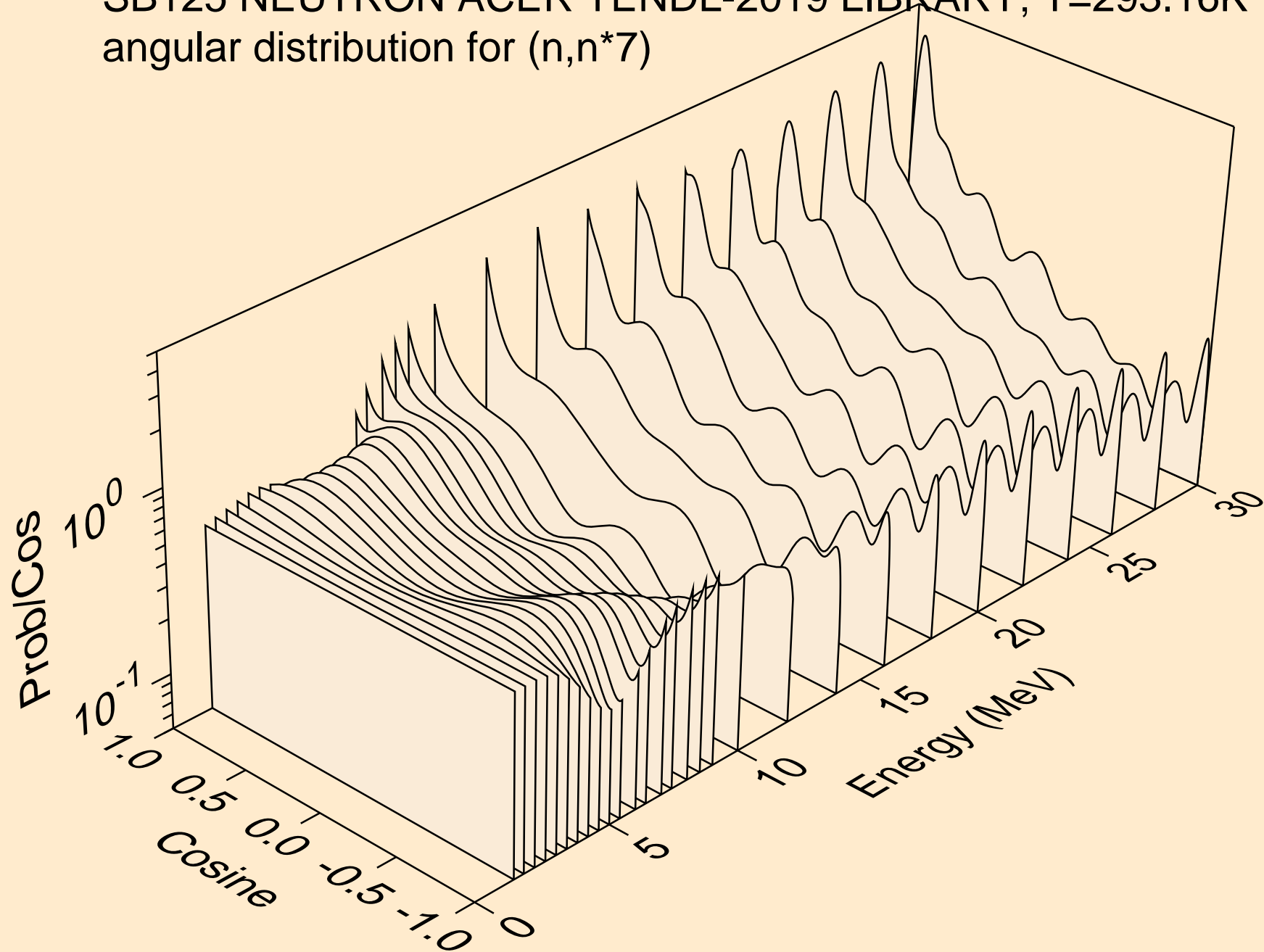
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angular distribution for (n,n\*5)



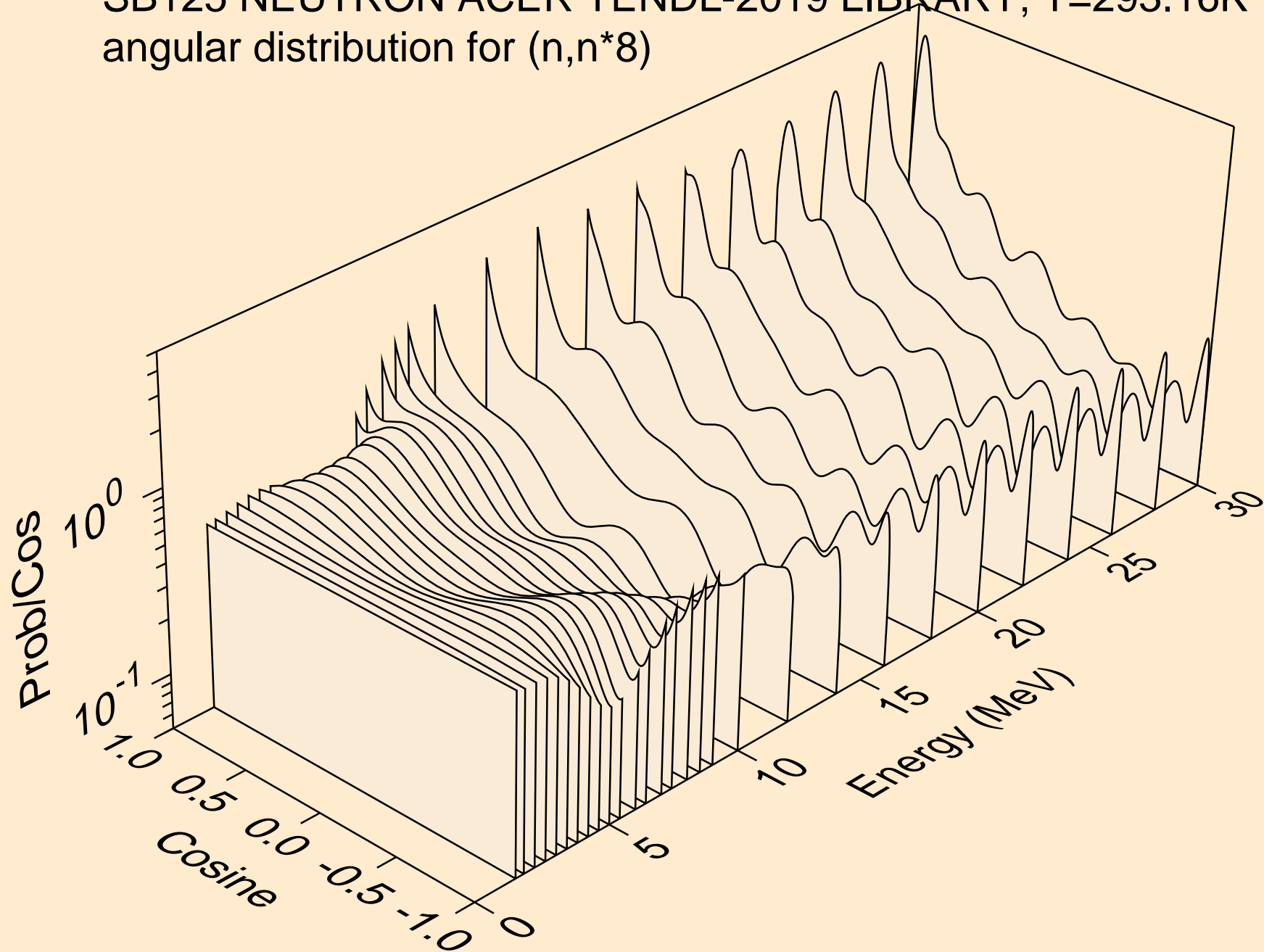
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angular distribution for (n,n\*6)



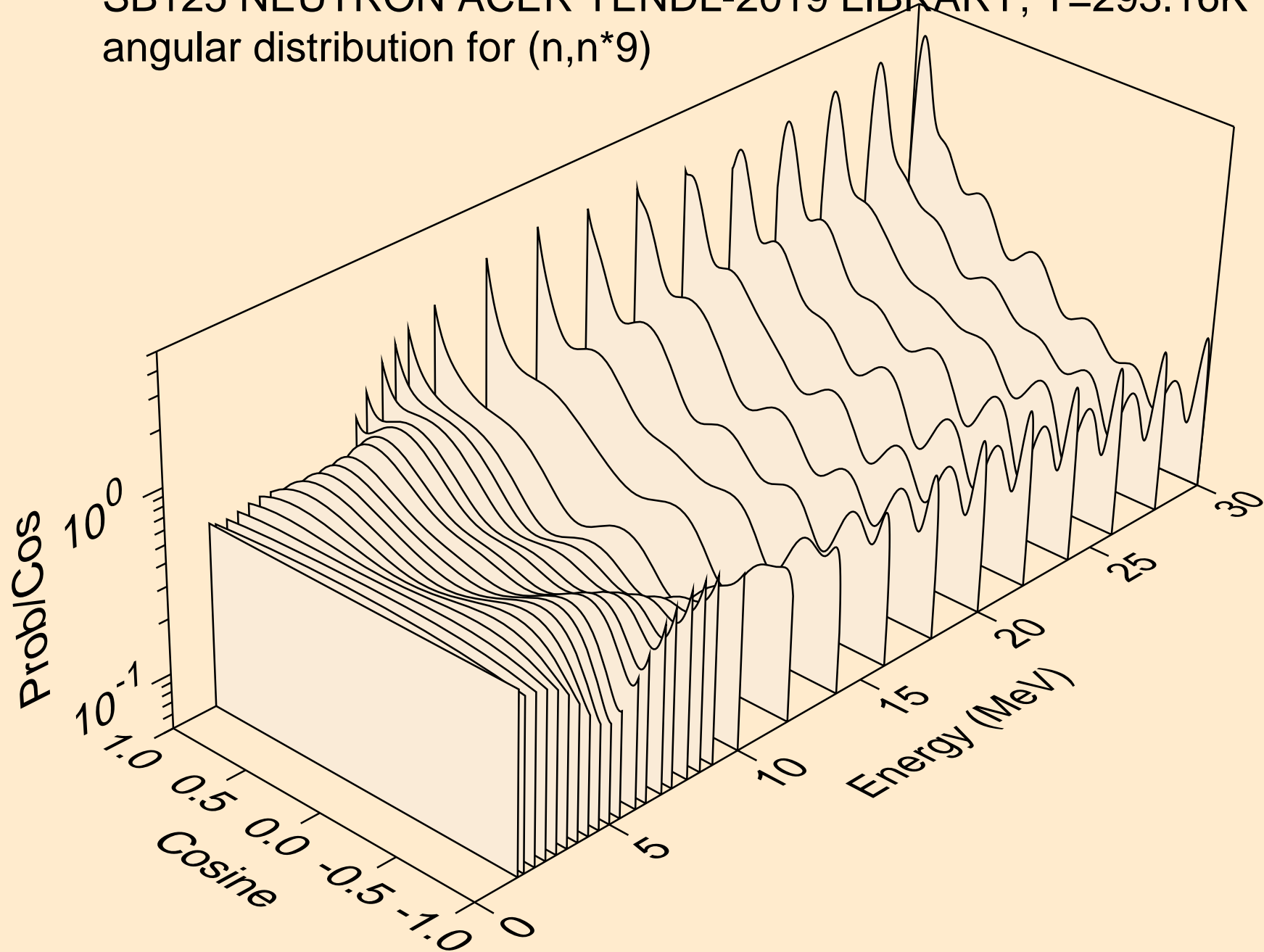
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angular distribution for (n,n\*7)



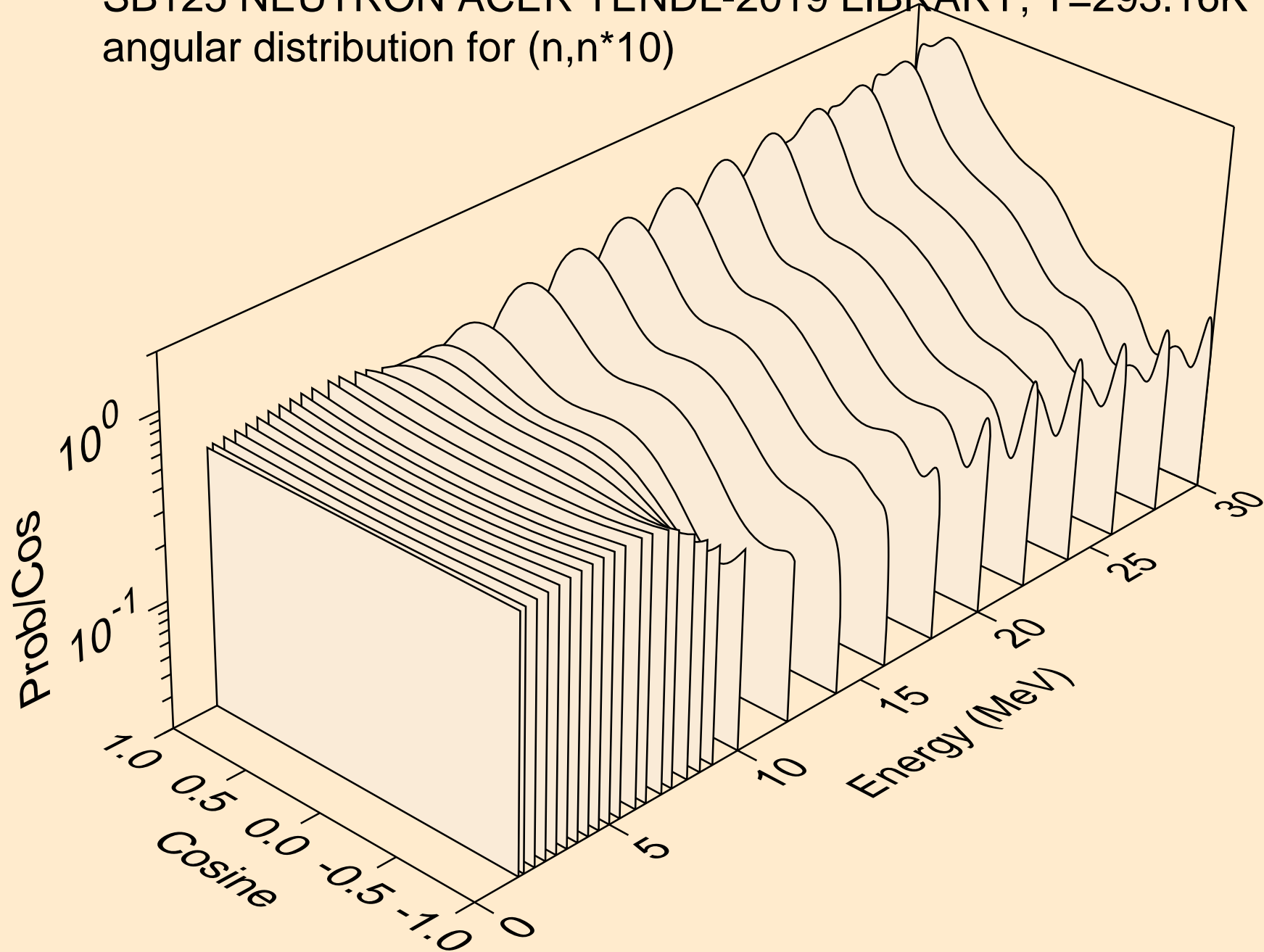
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angular distribution for (n,n\*8)



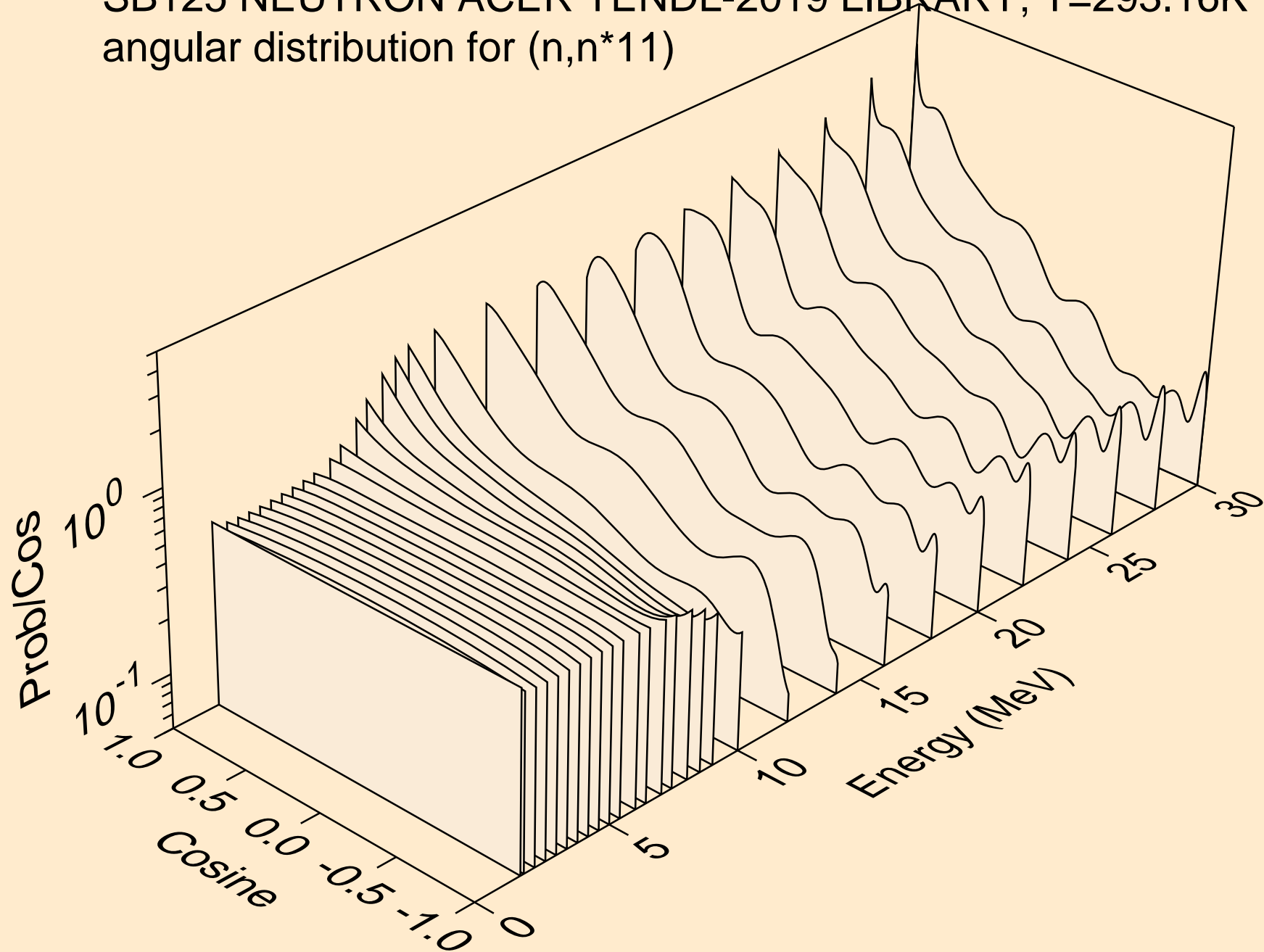
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angular distribution for (n,n\*9)



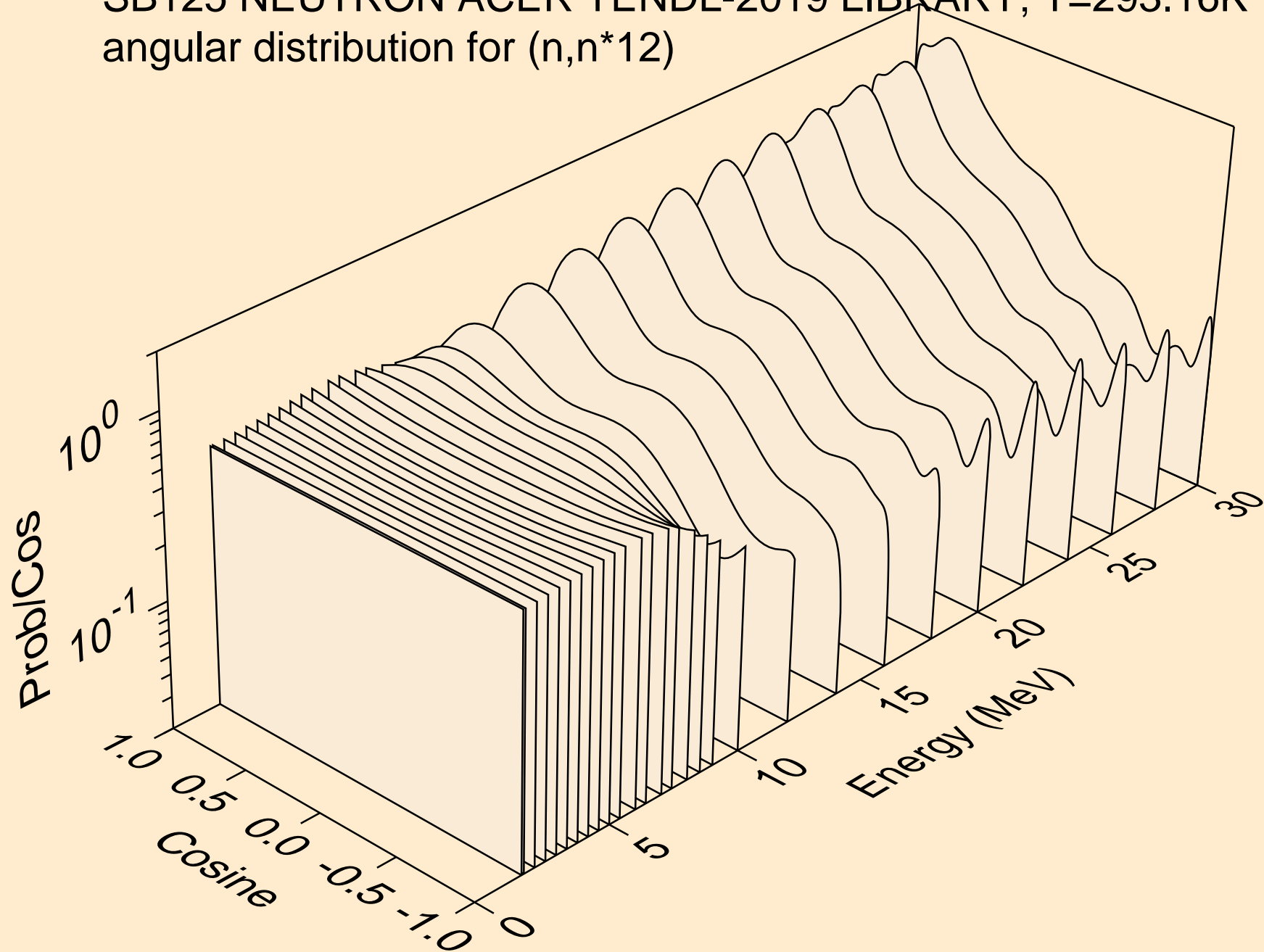
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angular distribution for (n,n\*10)



SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*11)

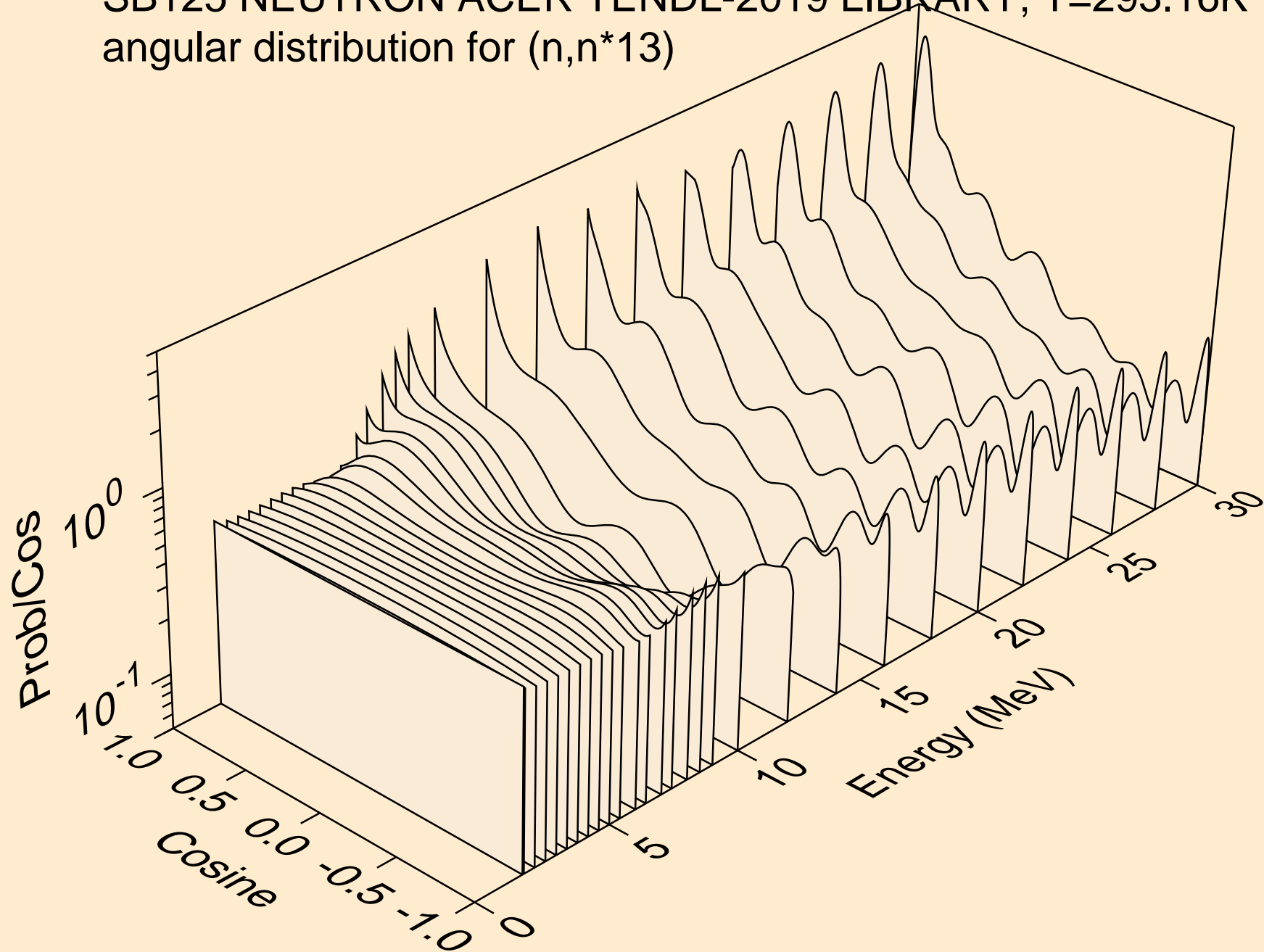


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angular distribution for (n,n\*12)

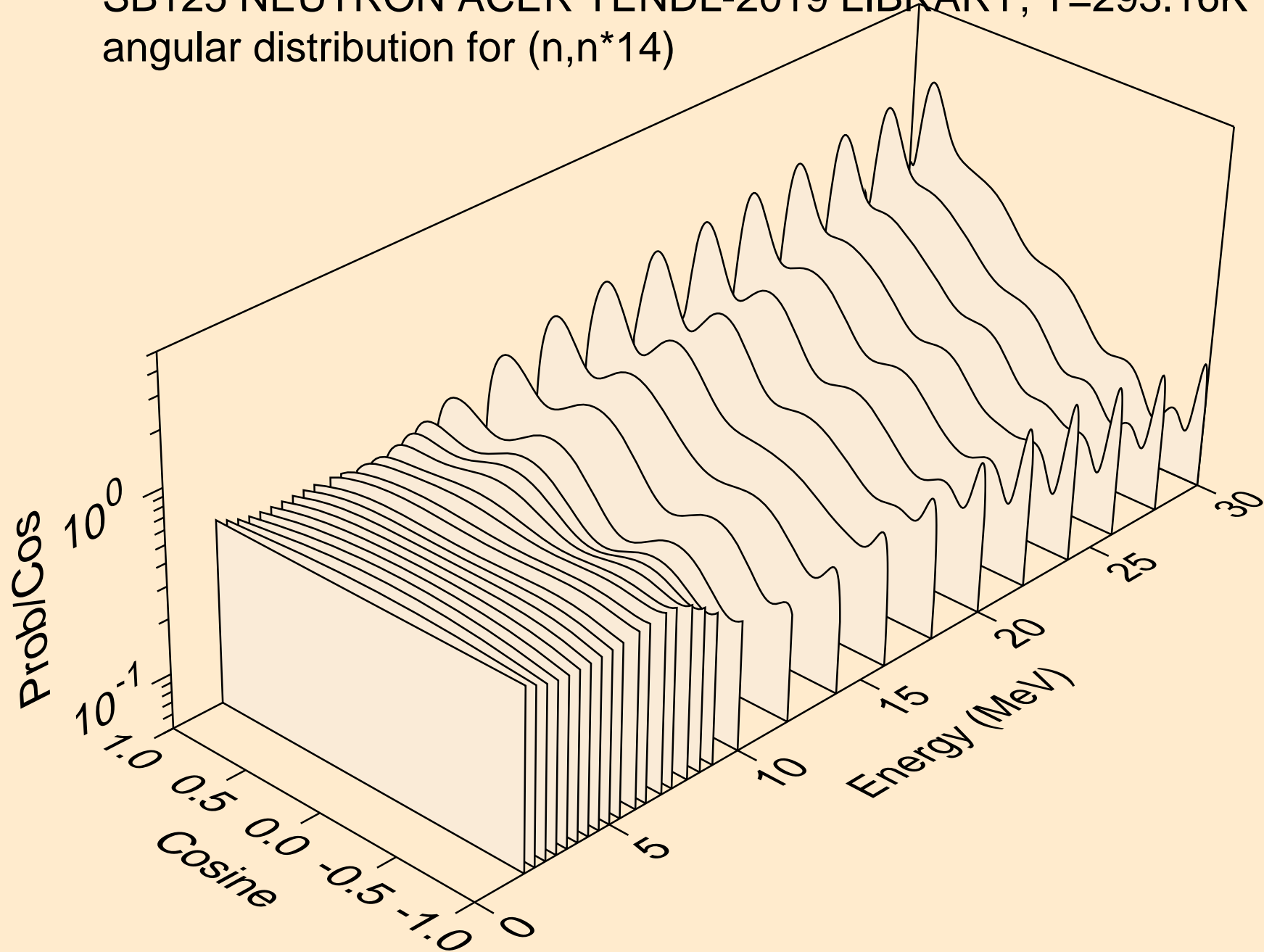




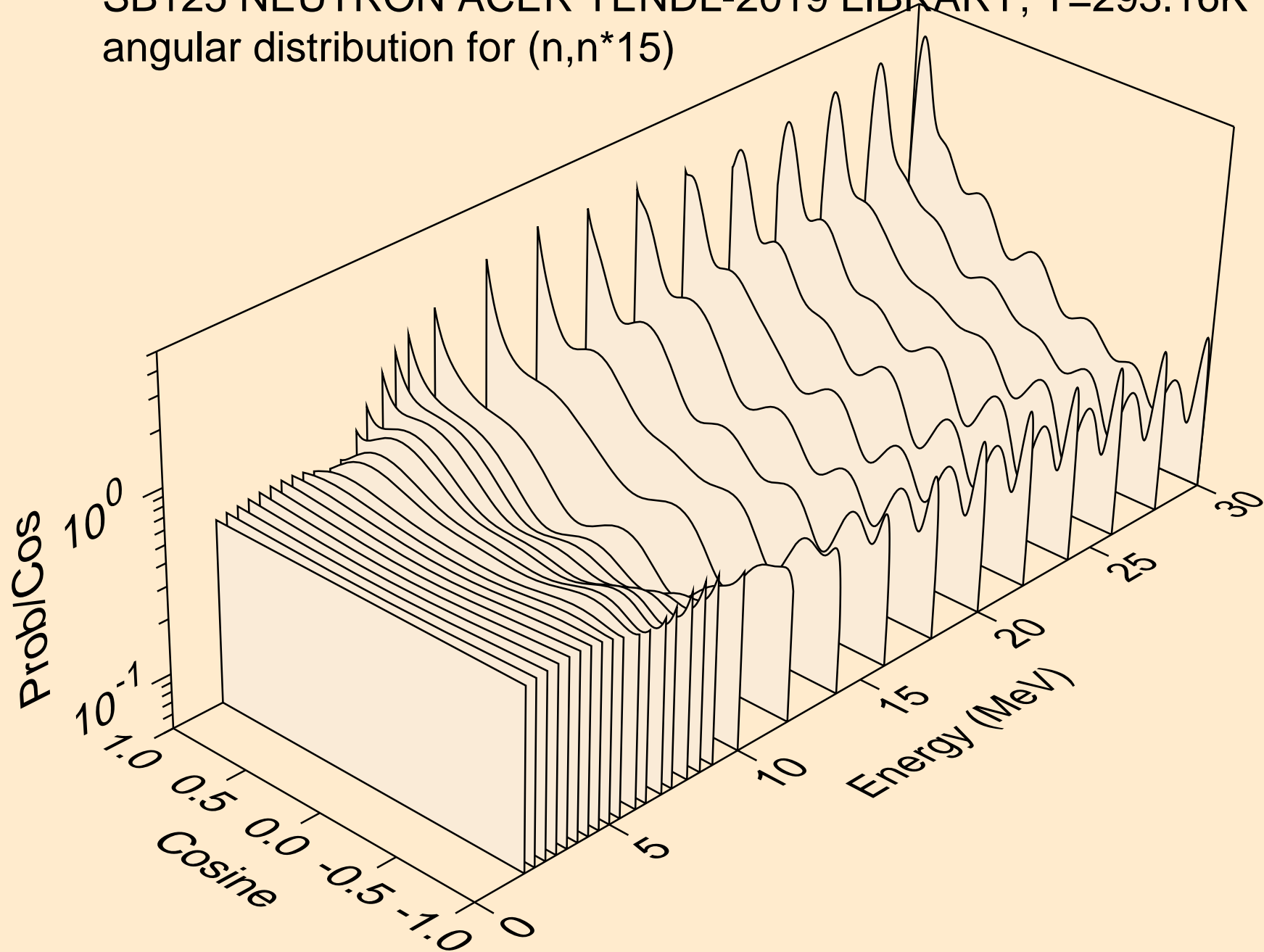
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angular distribution for (n,n\*13)



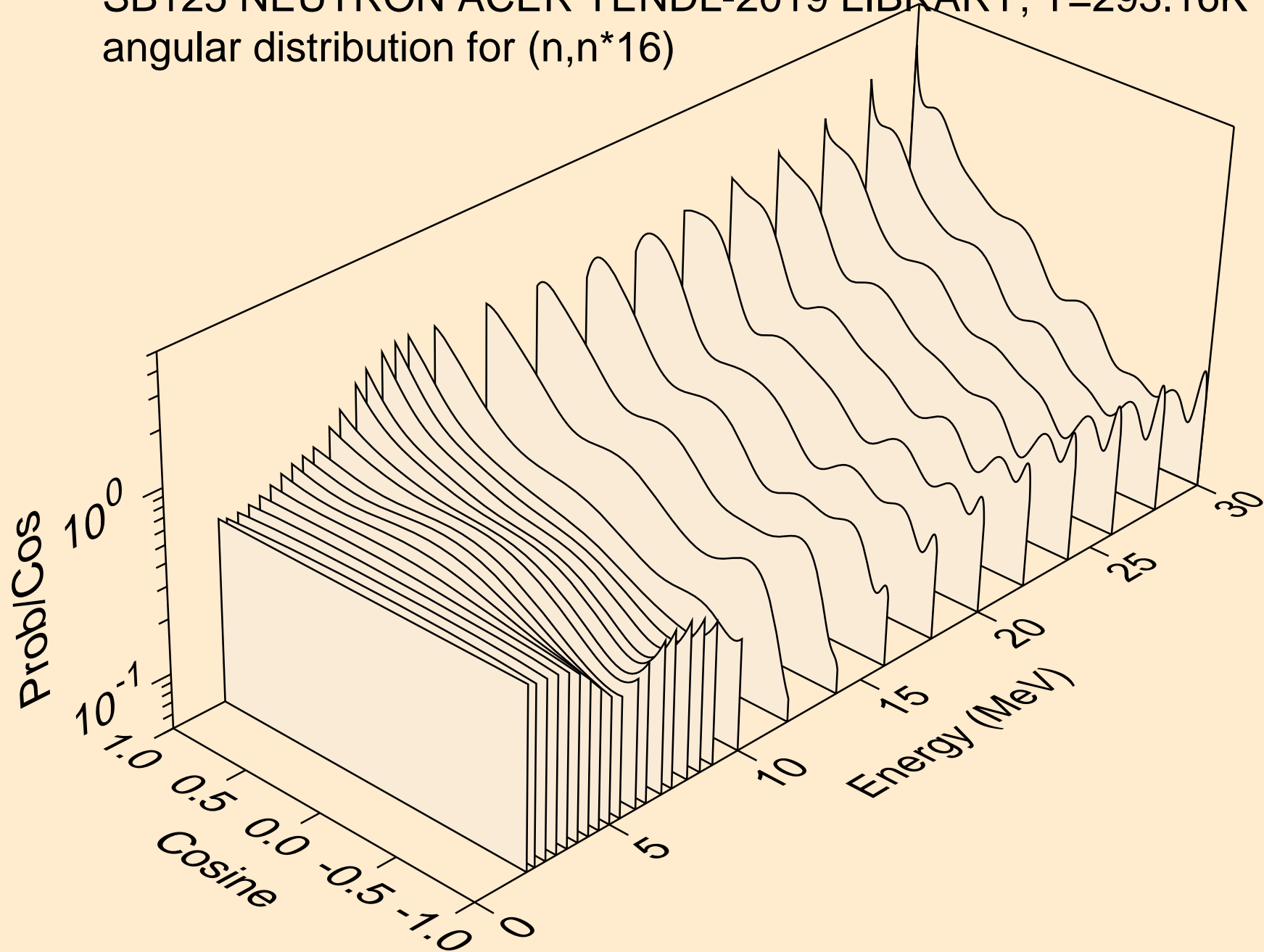
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angular distribution for (n,n\*14)



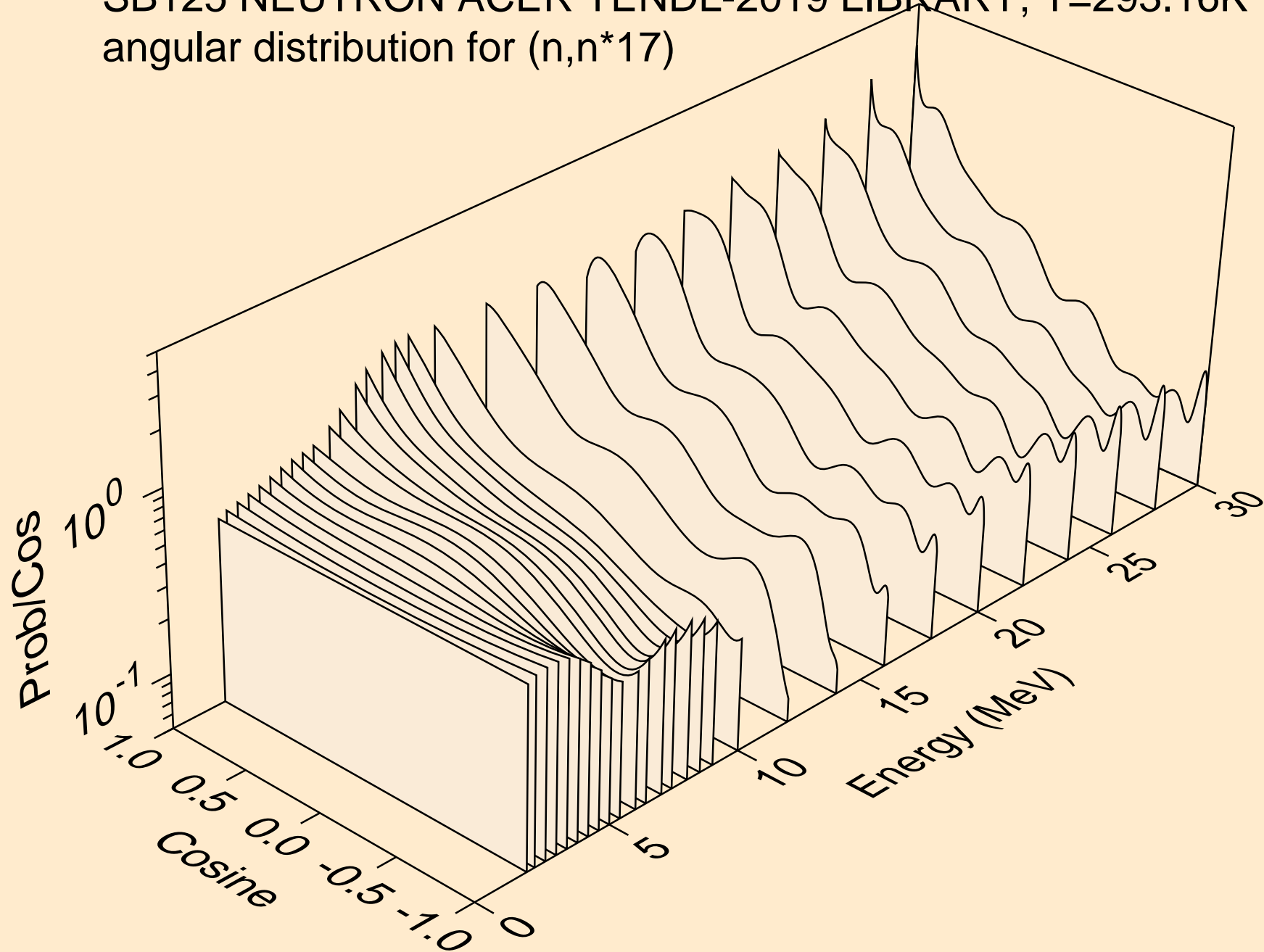
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angular distribution for (n,n\*15)



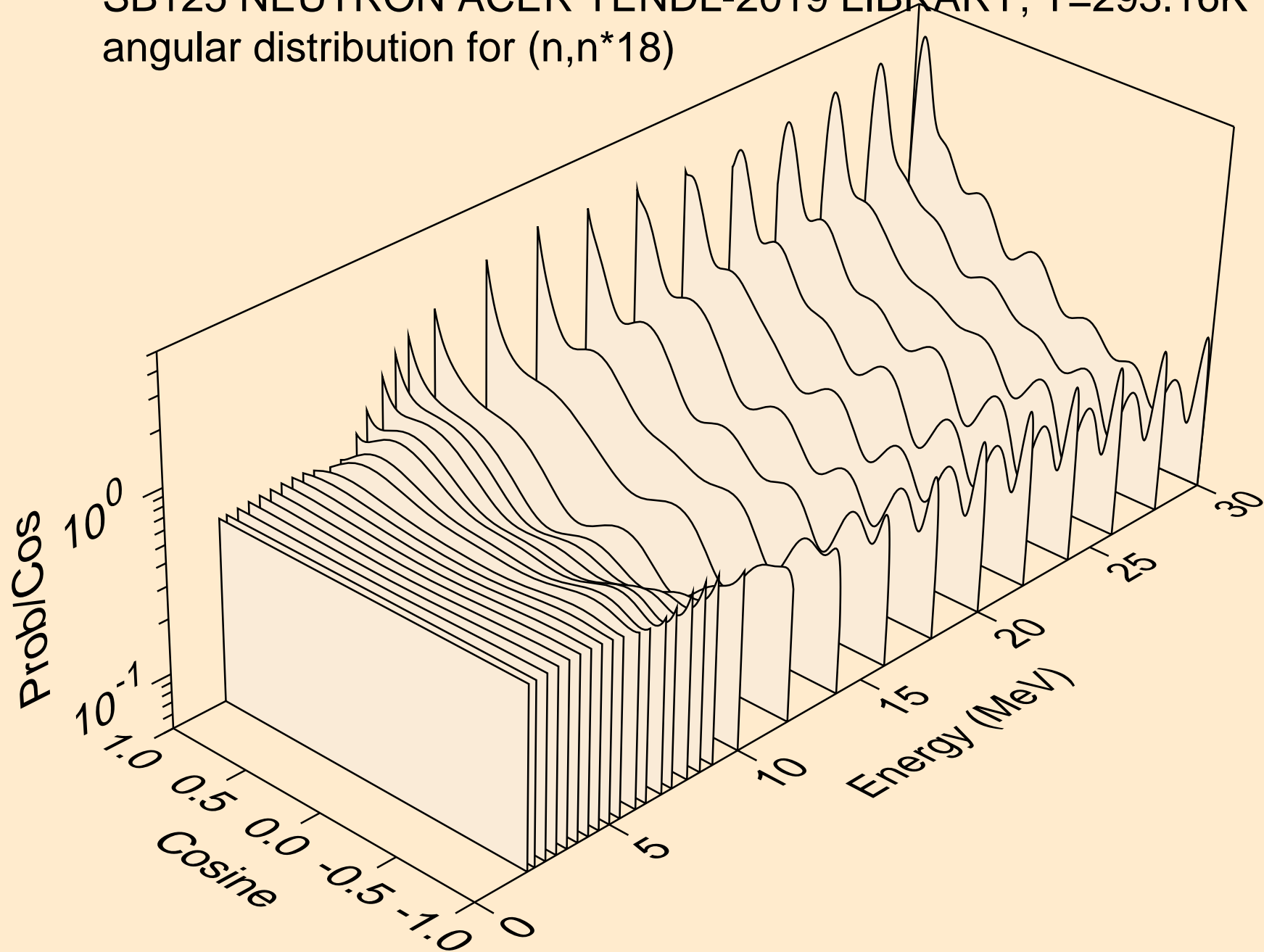
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angular distribution for (n,n\*16)



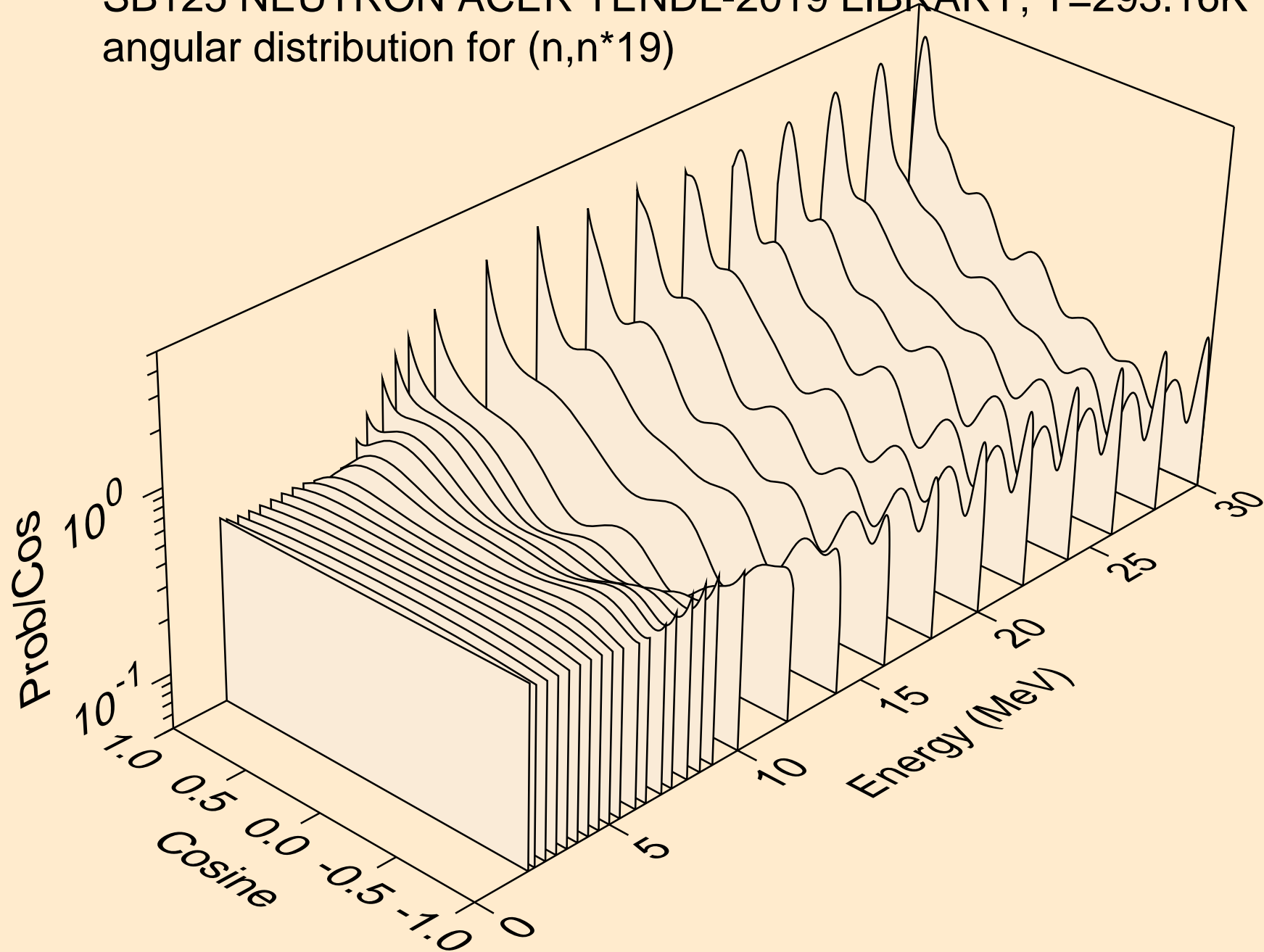
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angular distribution for (n,n\*17)



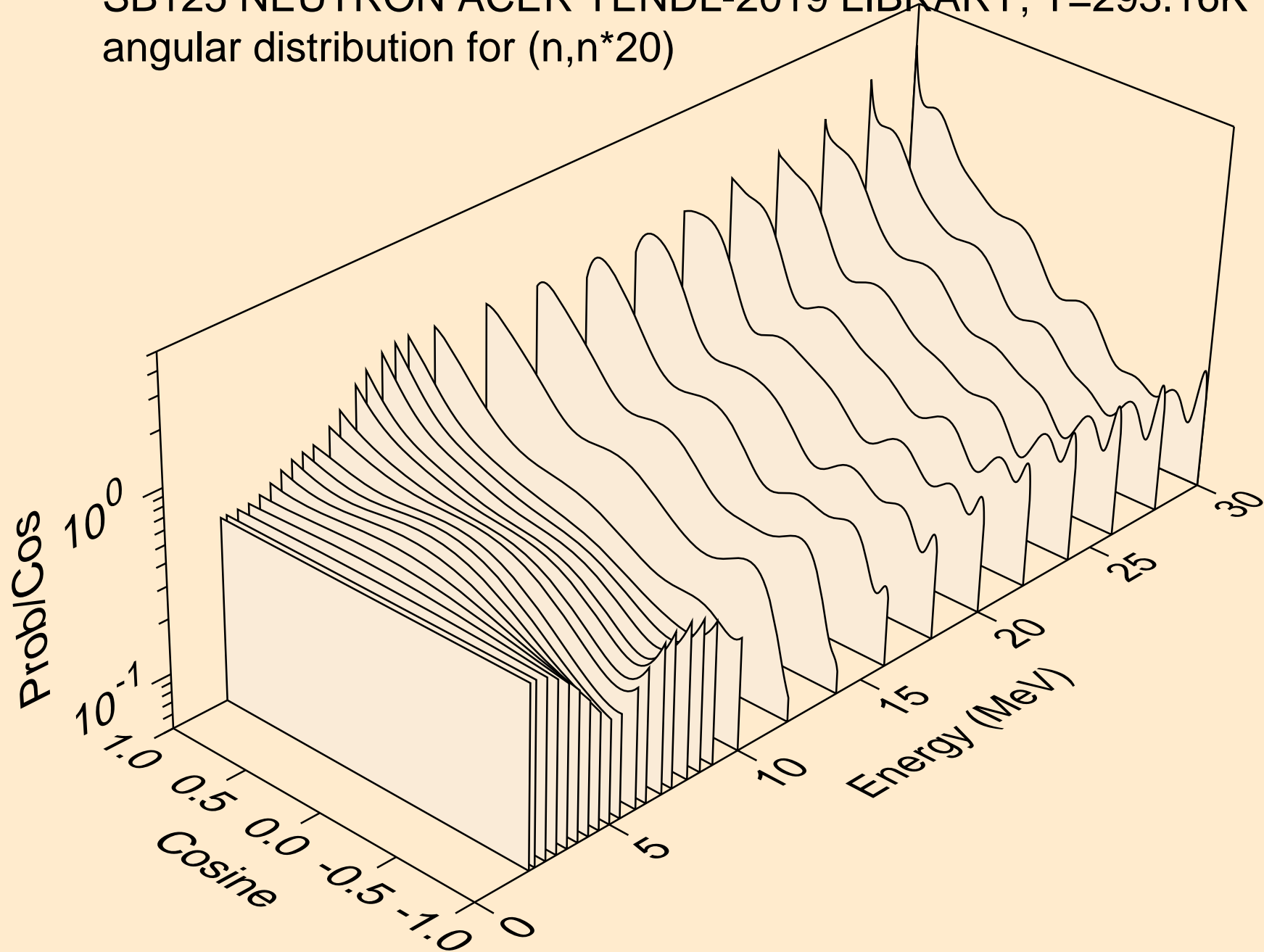
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angular distribution for (n,n\*18)



SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*19)

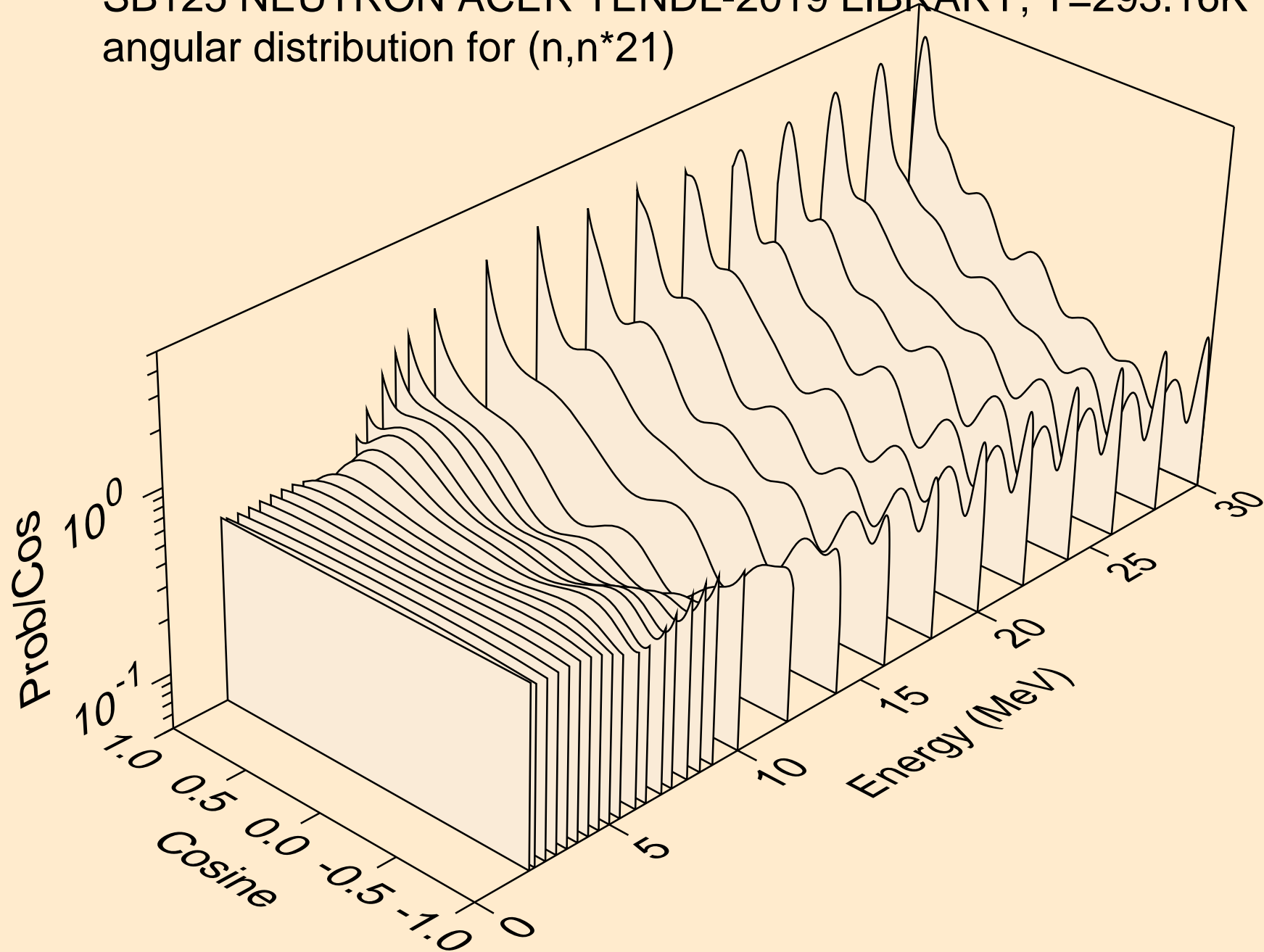


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angular distribution for (n,n\*20)

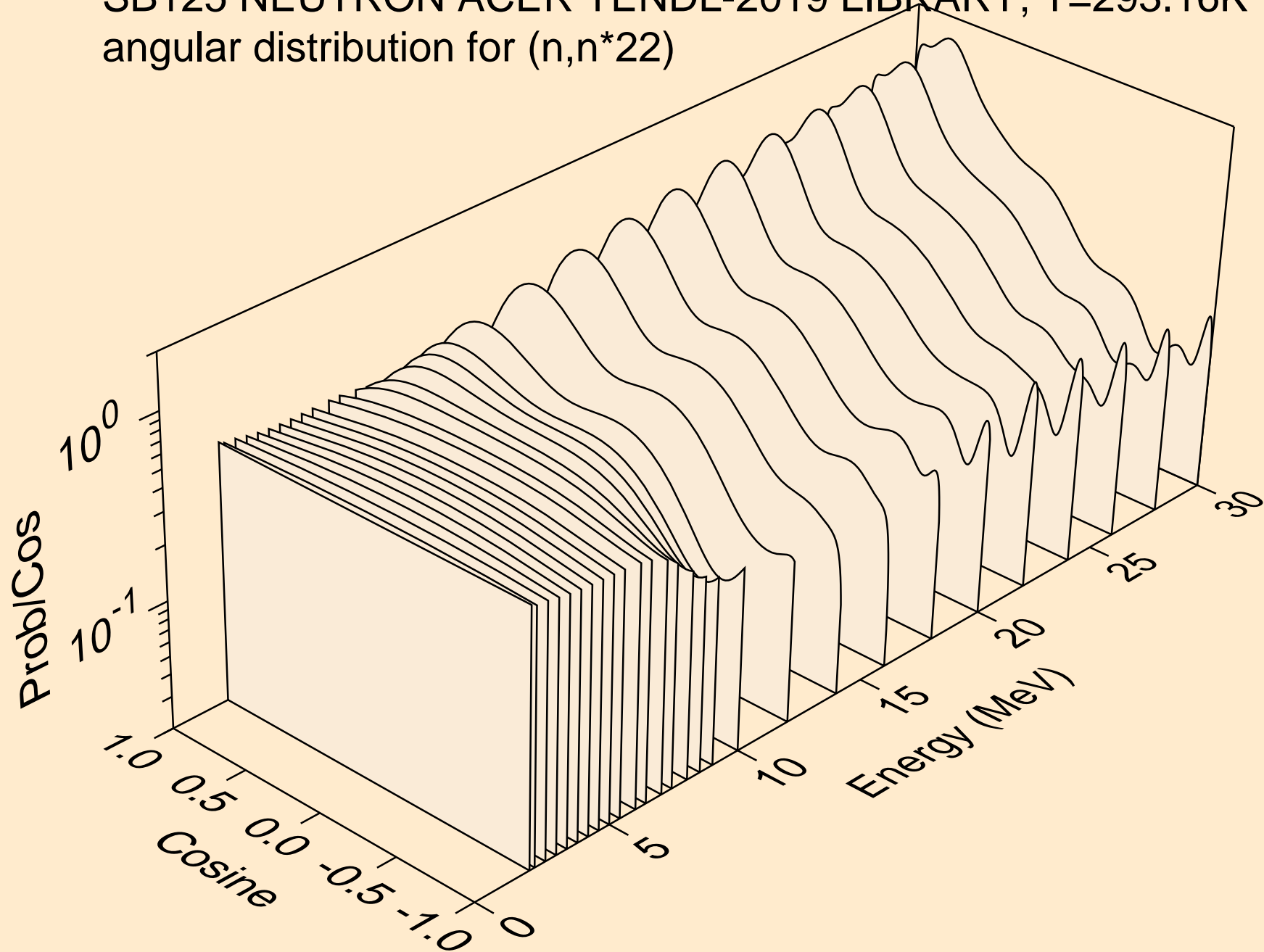




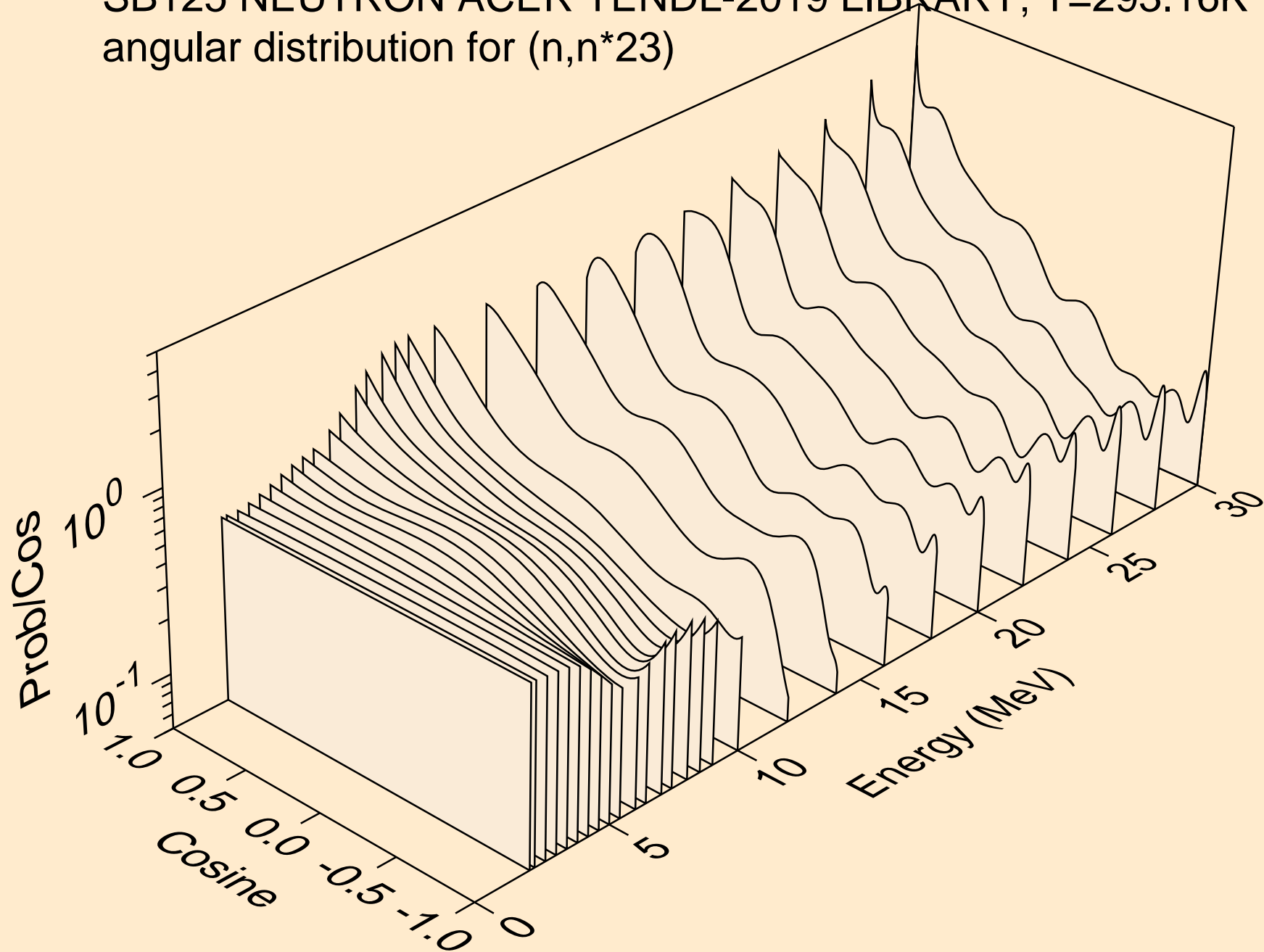
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angular distribution for (n,n\*21)



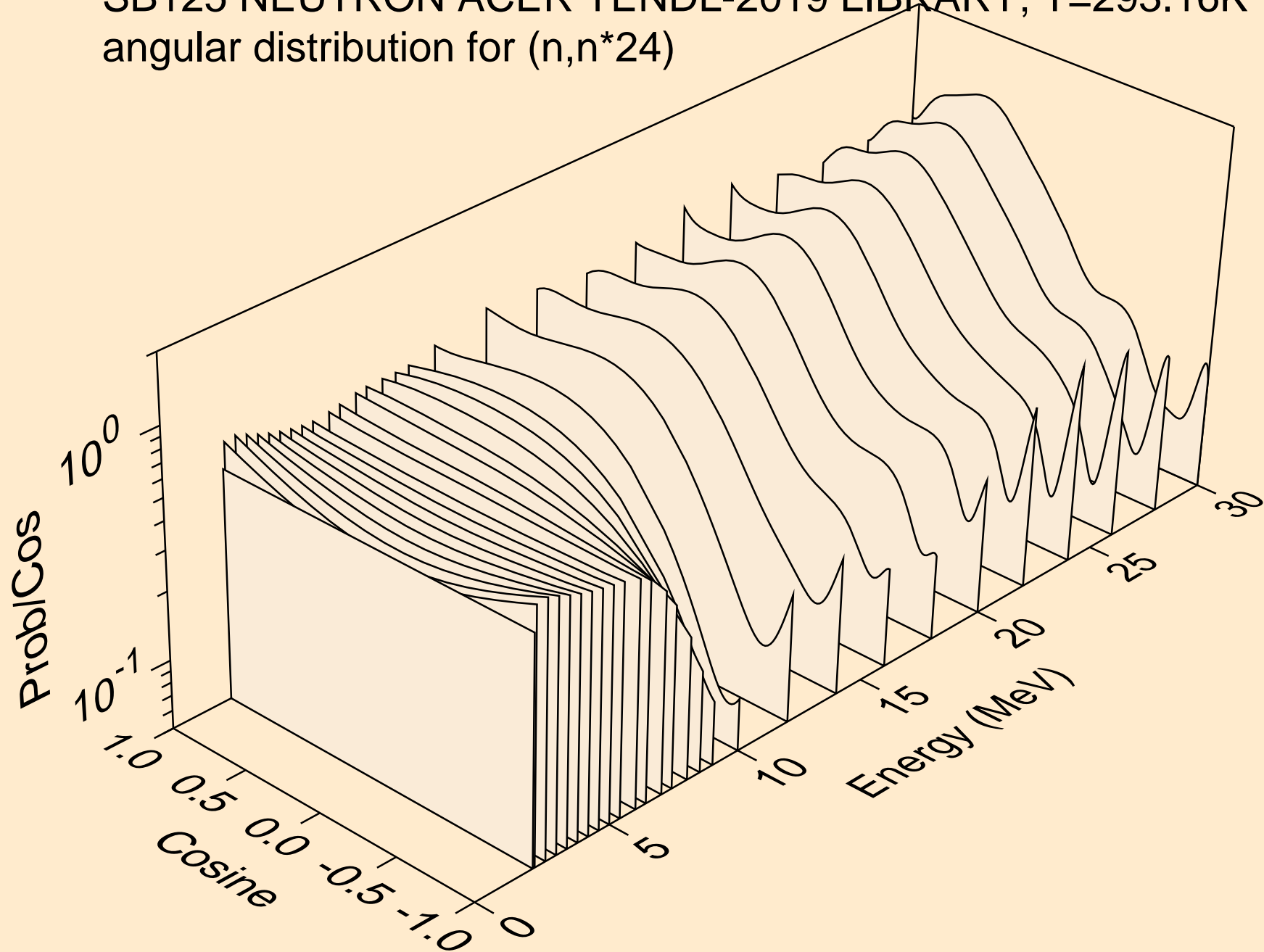
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angular distribution for (n,n\*22)



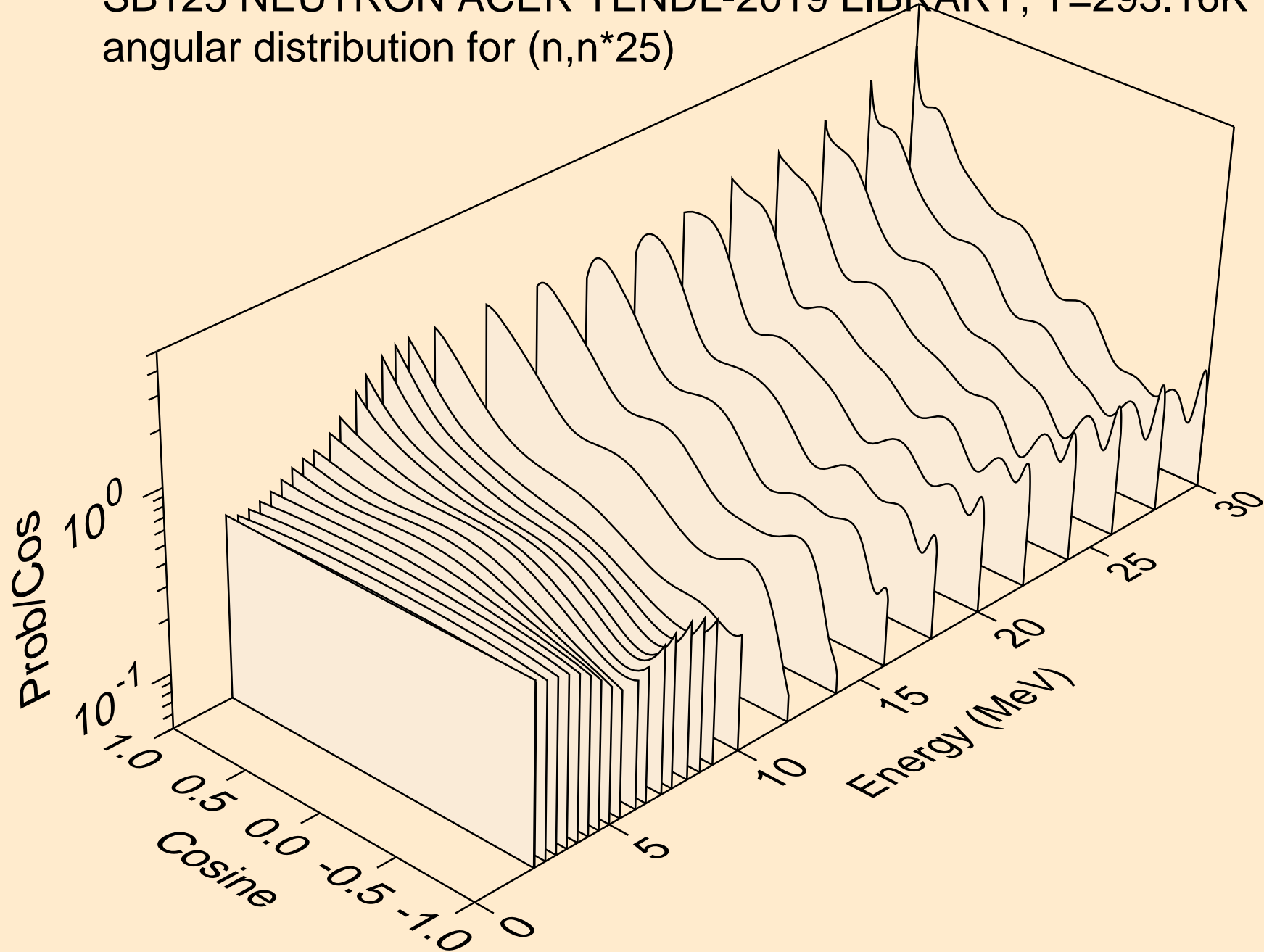
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angular distribution for (n,n\*23)



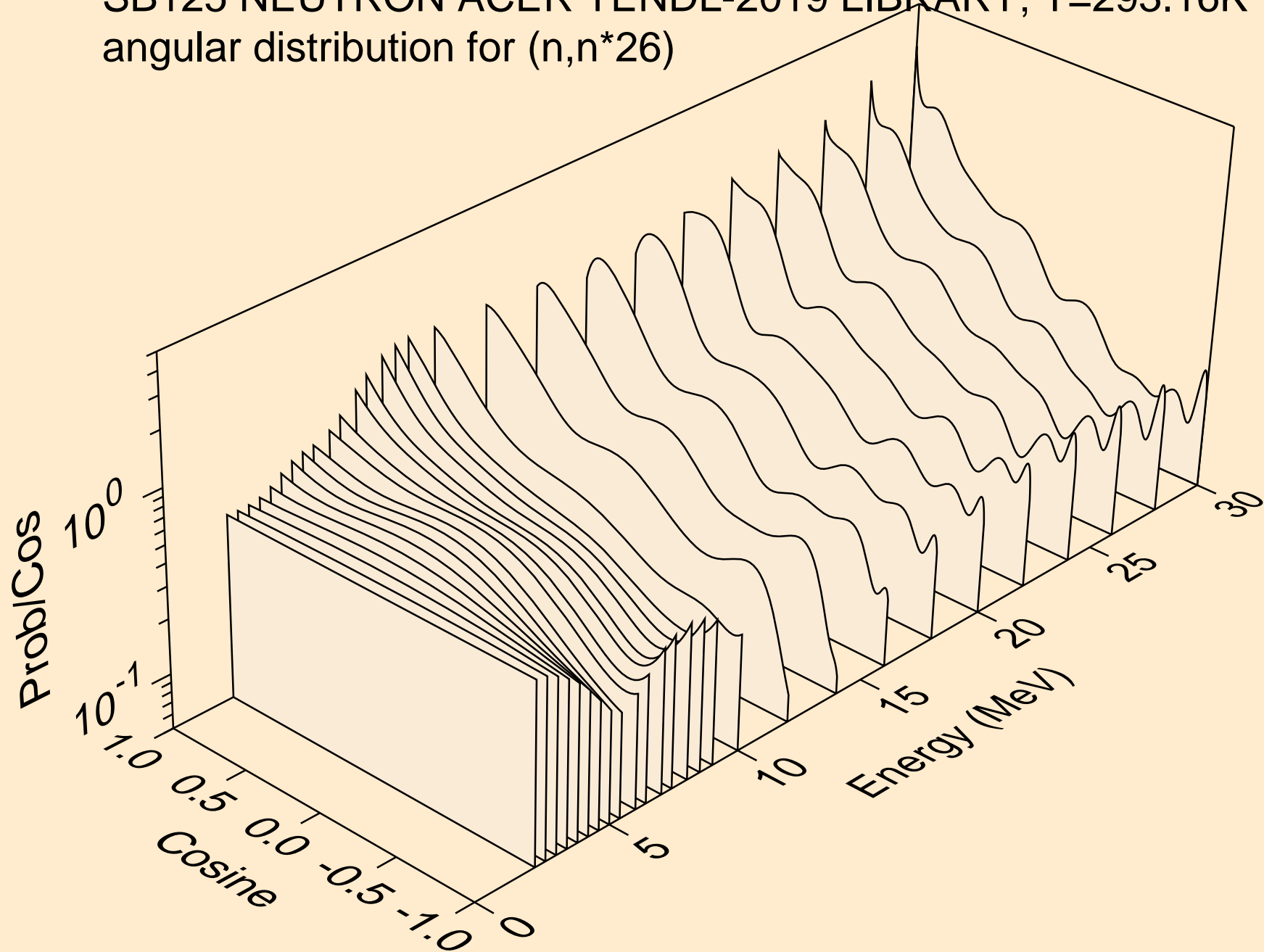
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angular distribution for (n,n\*24)



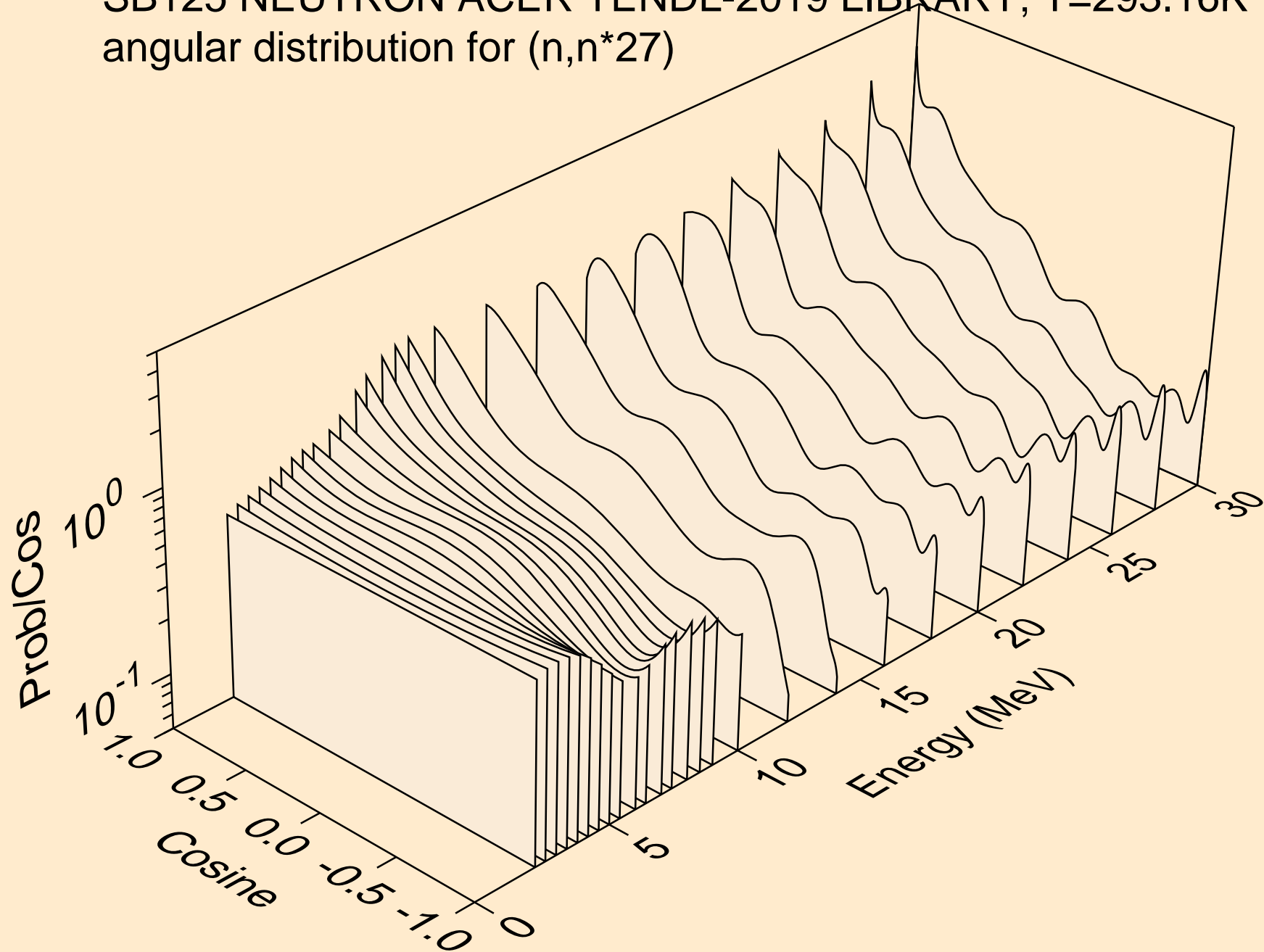
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angular distribution for (n,n\*25)



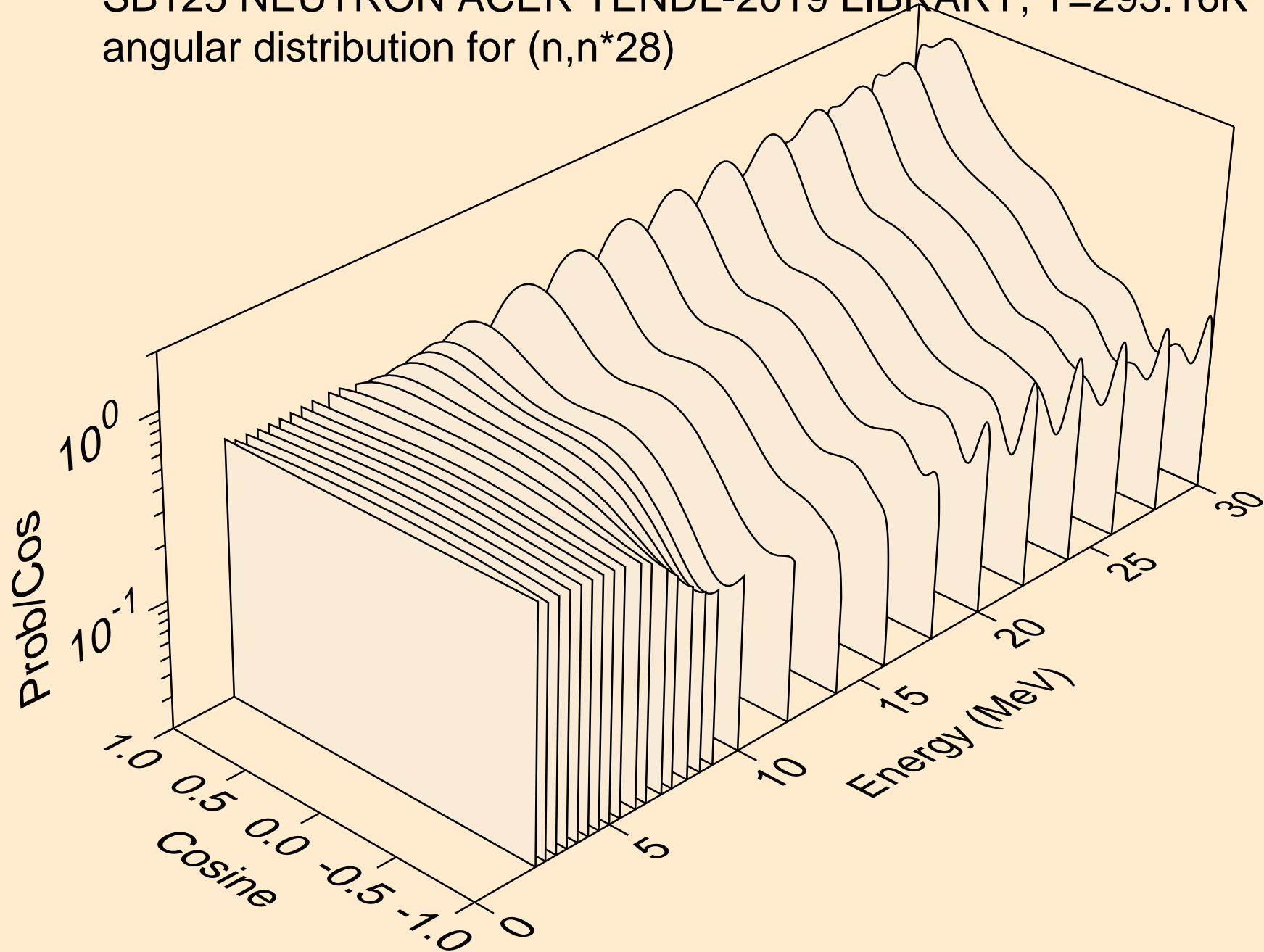
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*26)



SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*27)

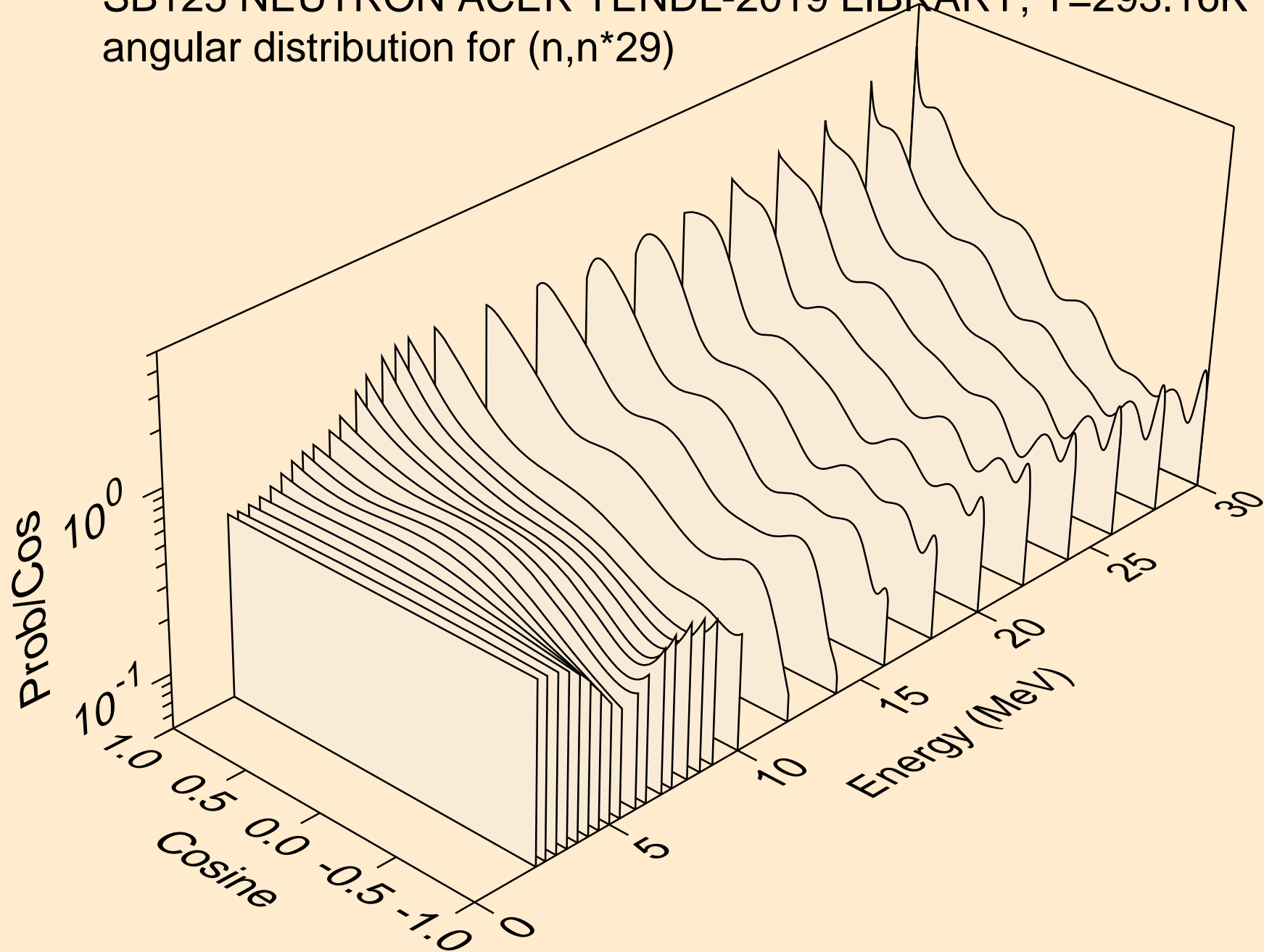


SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*28)

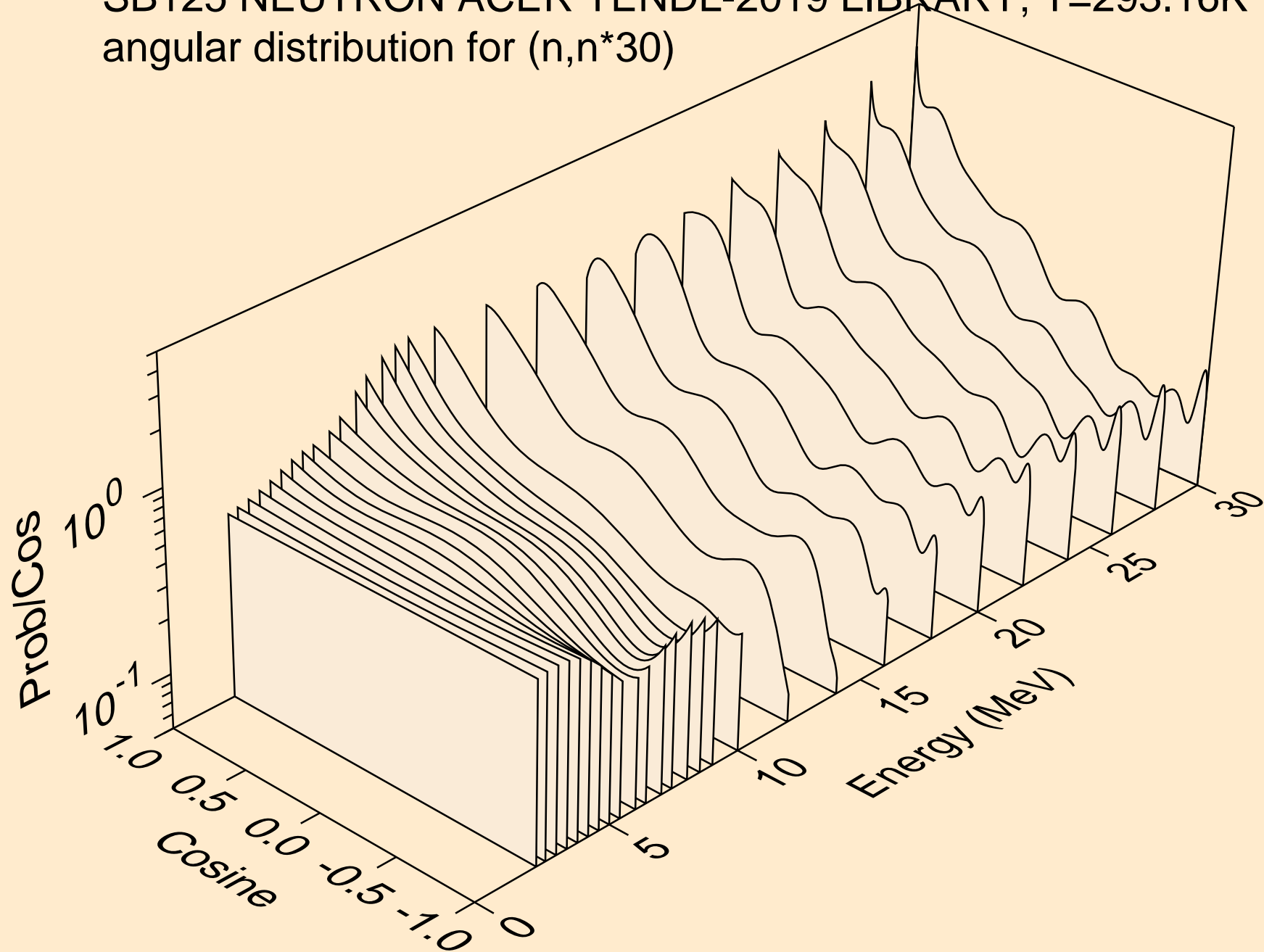




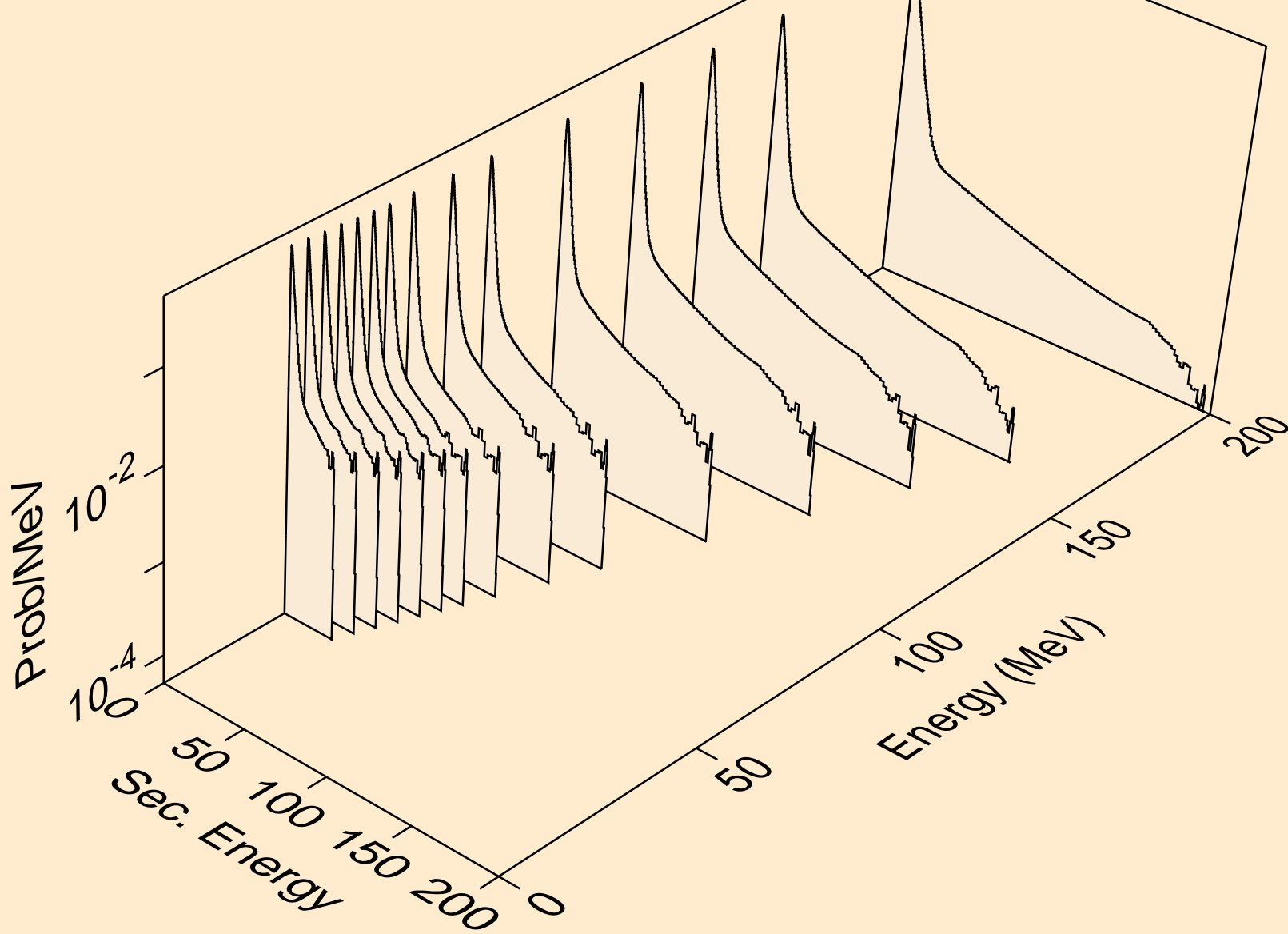
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angular distribution for (n,n\*29)



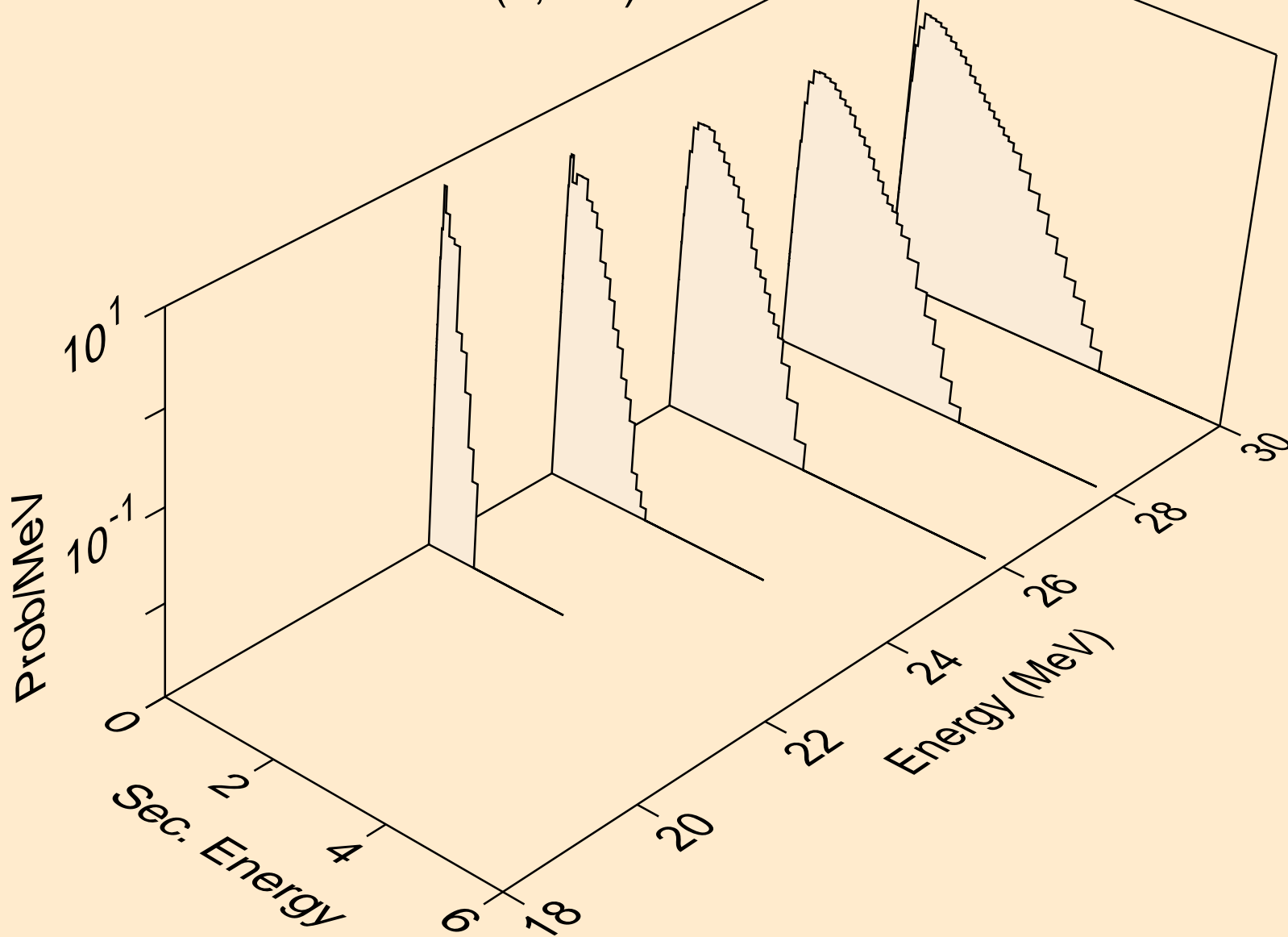
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angular distribution for (n,n\*30)



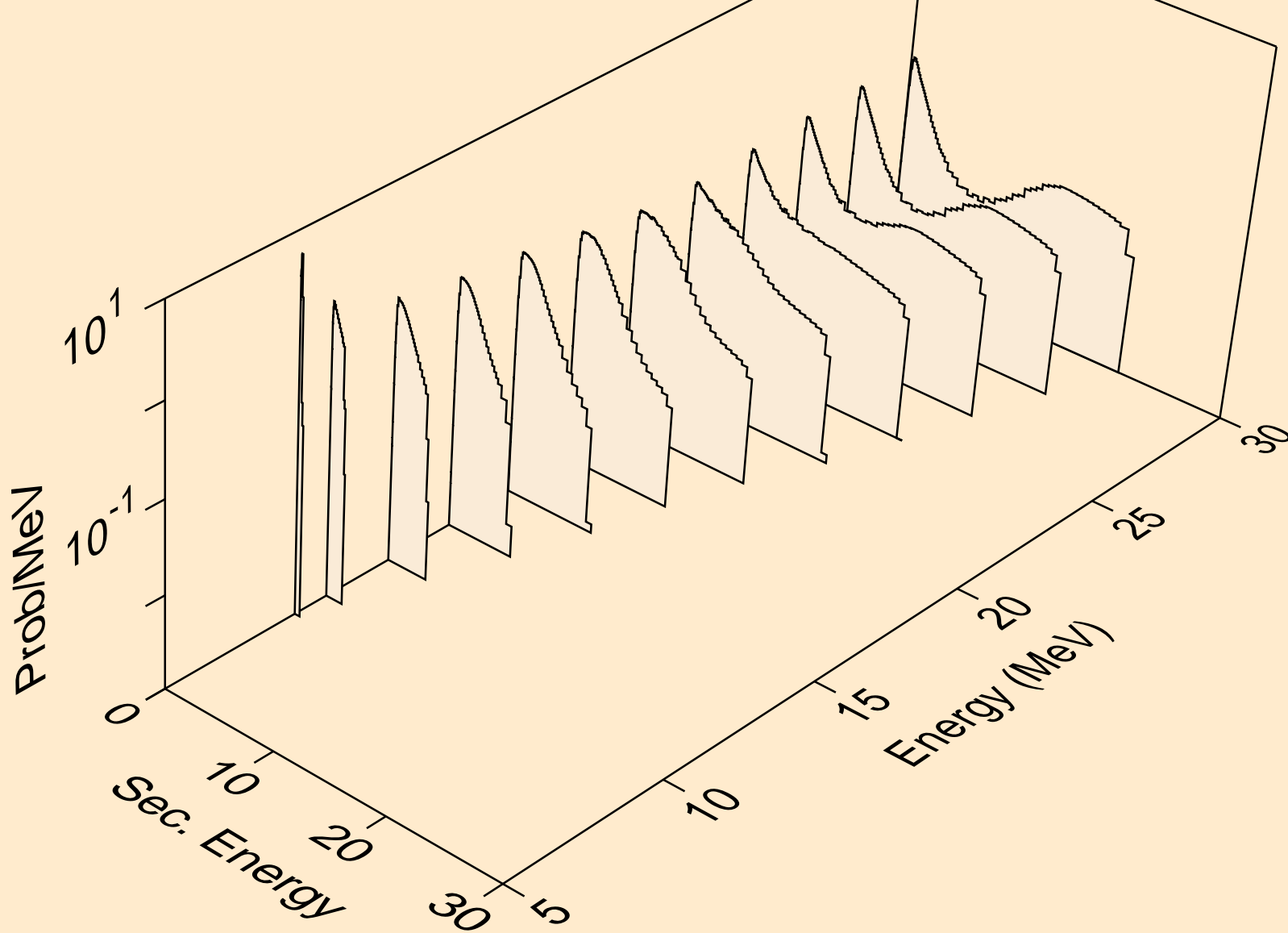
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Neutron emission for (n,x)



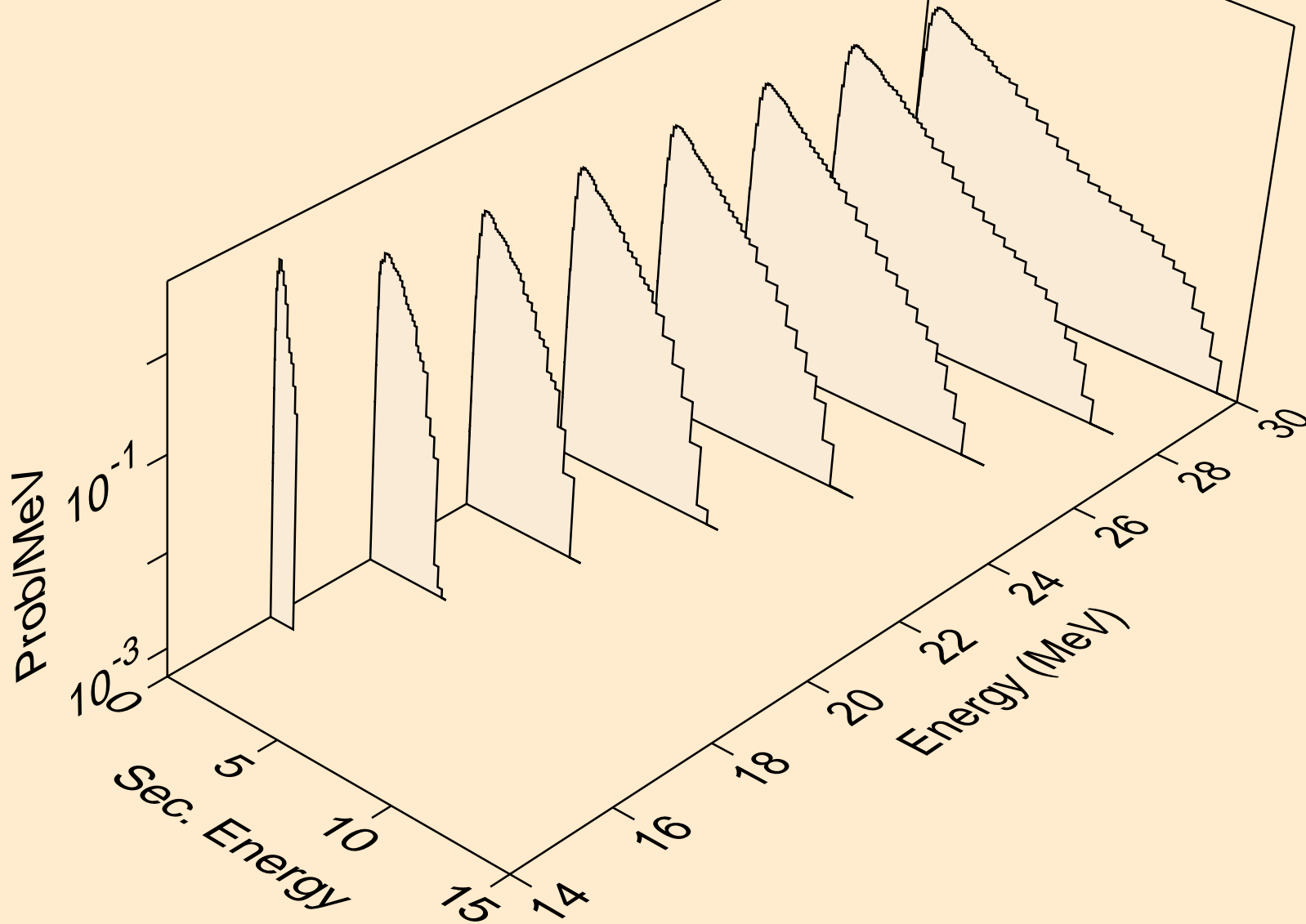
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



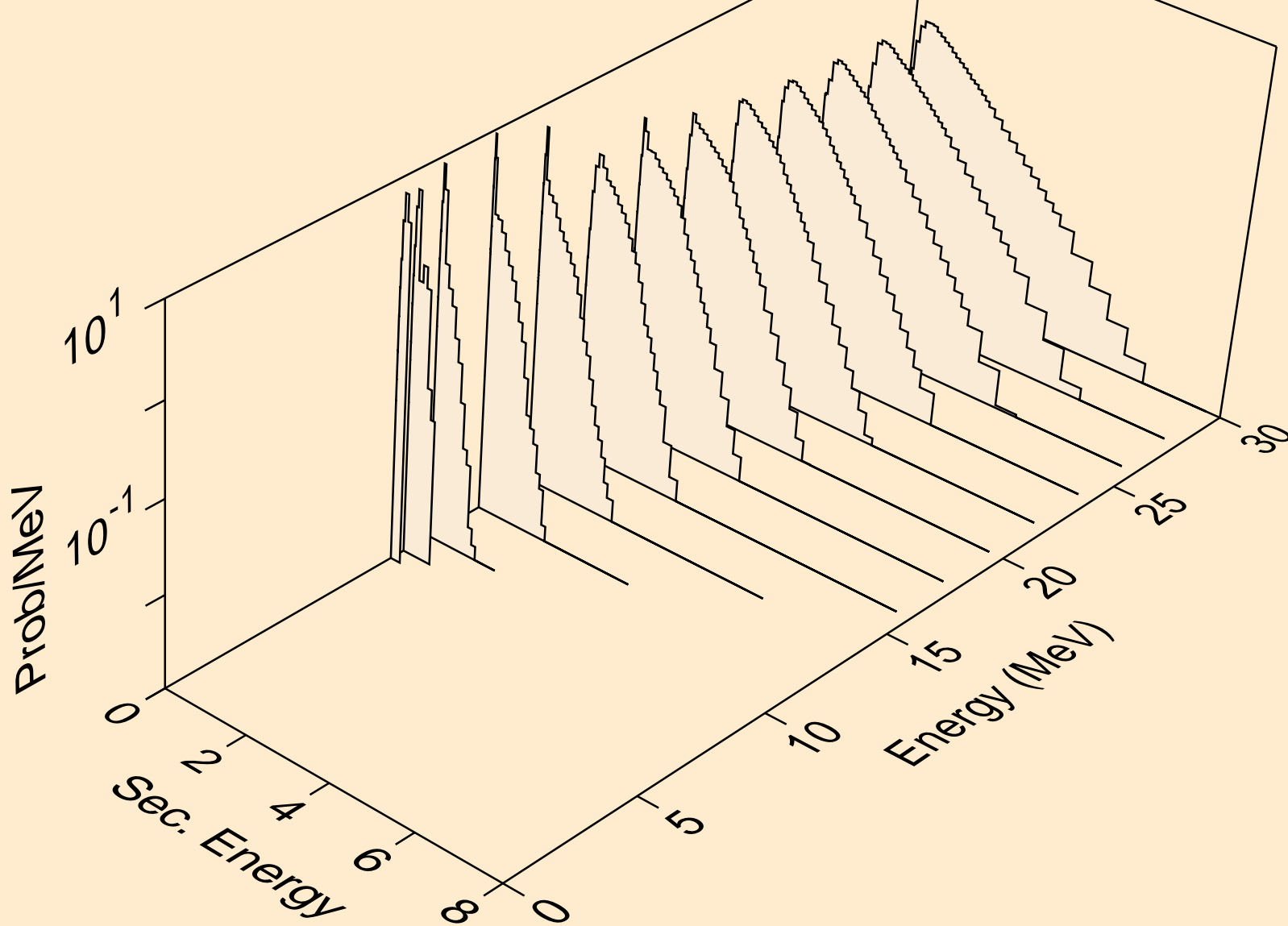
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



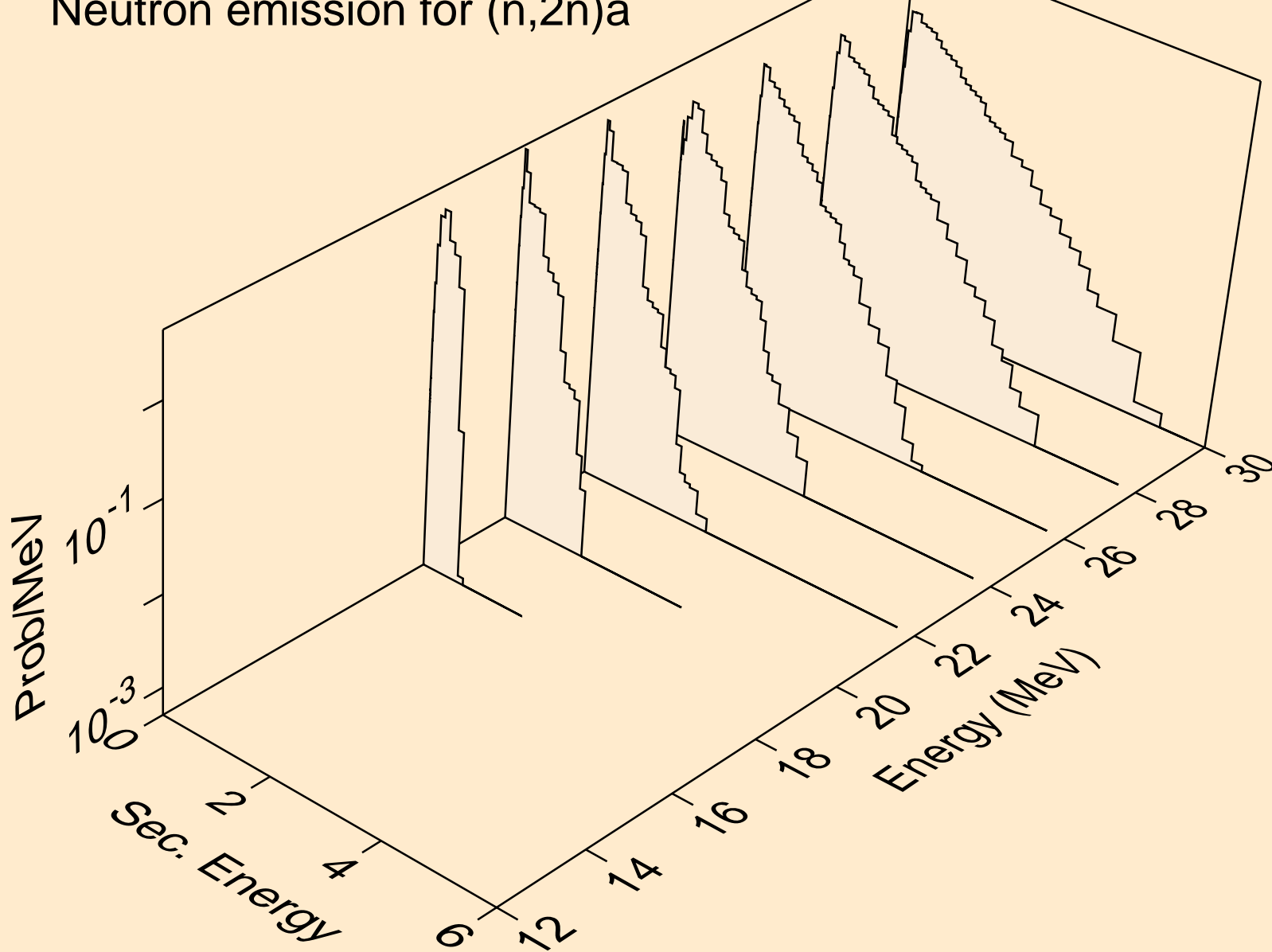
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a

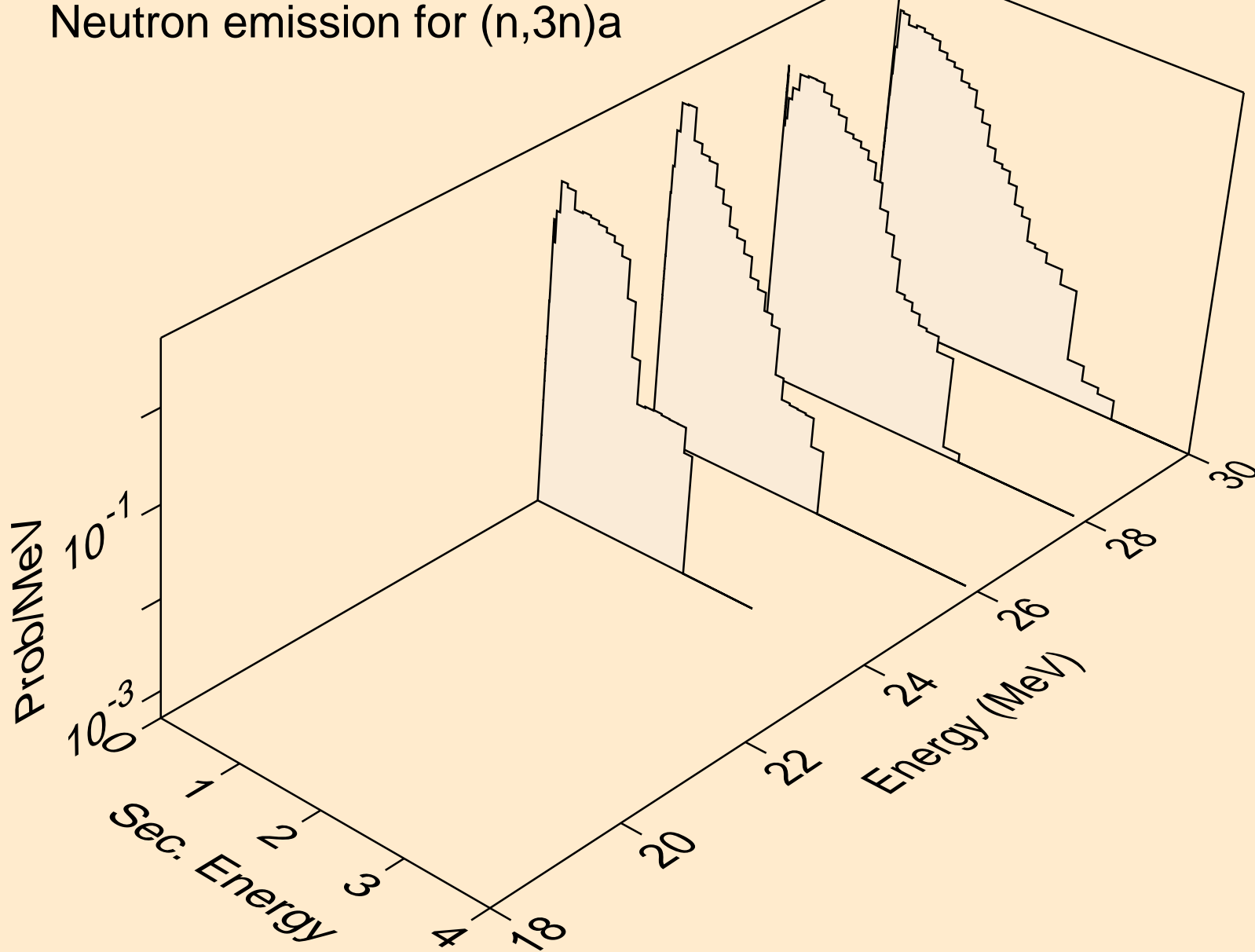


SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)<sub>a</sub>

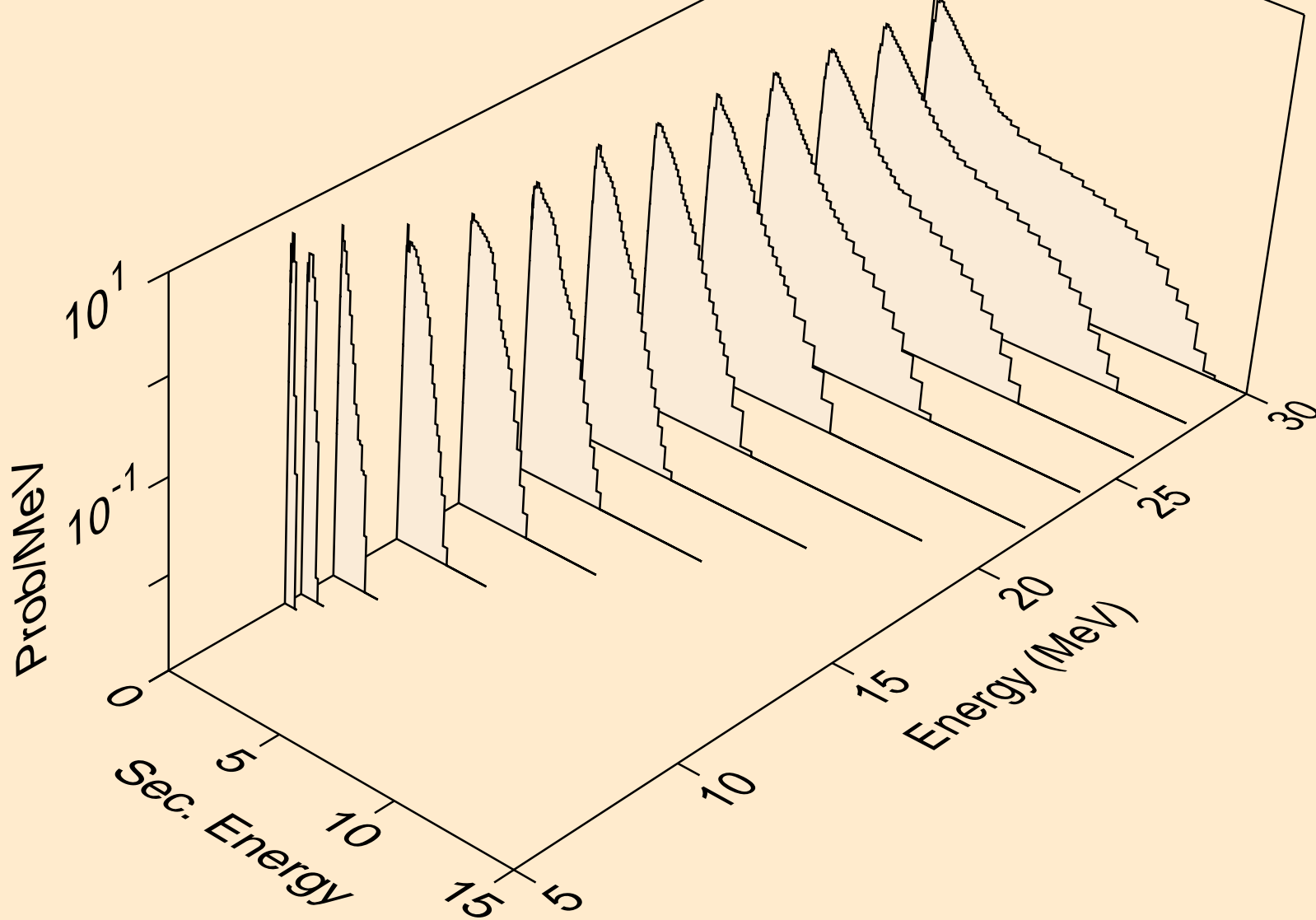




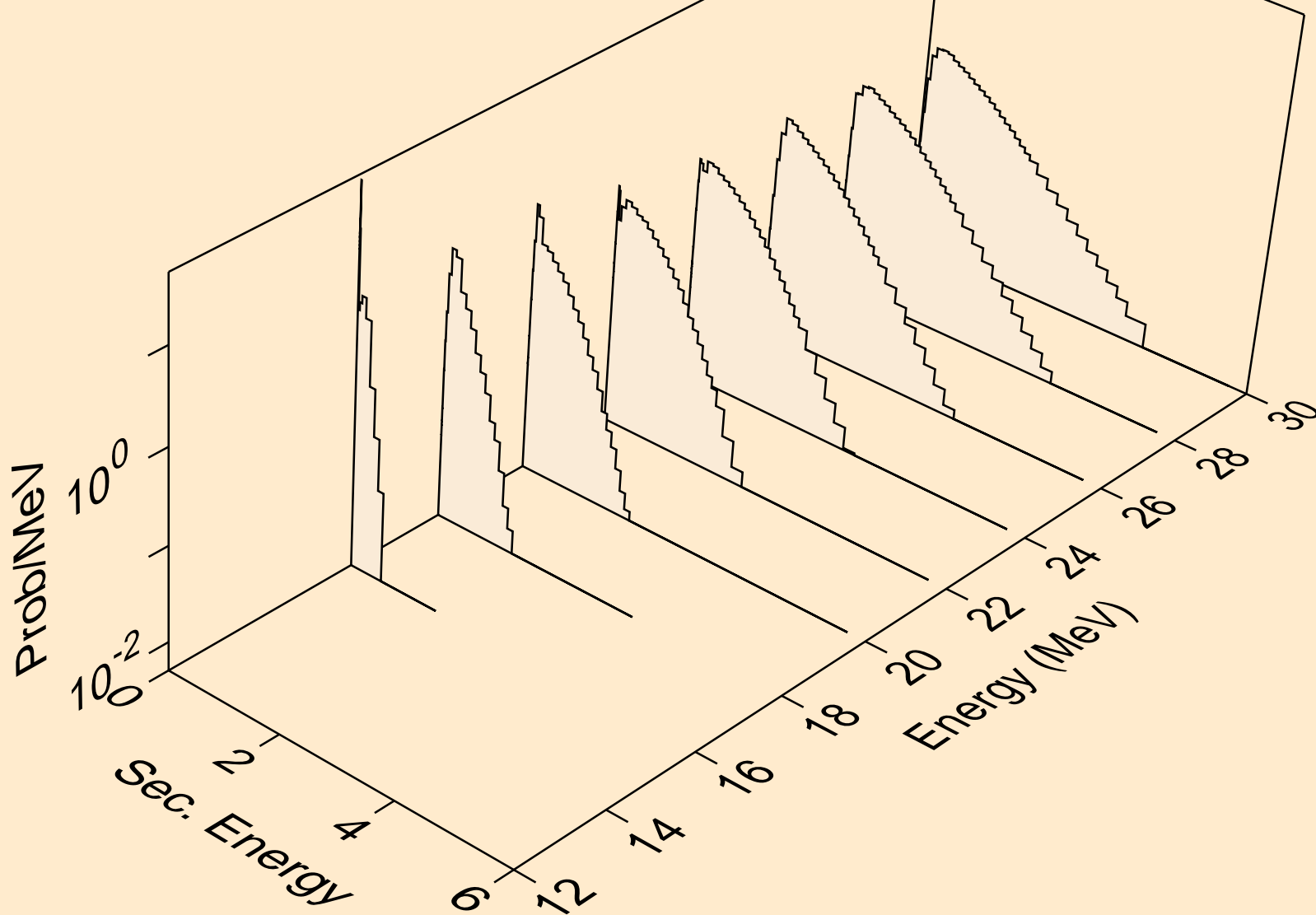
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Neutron emission for (n,3n)a



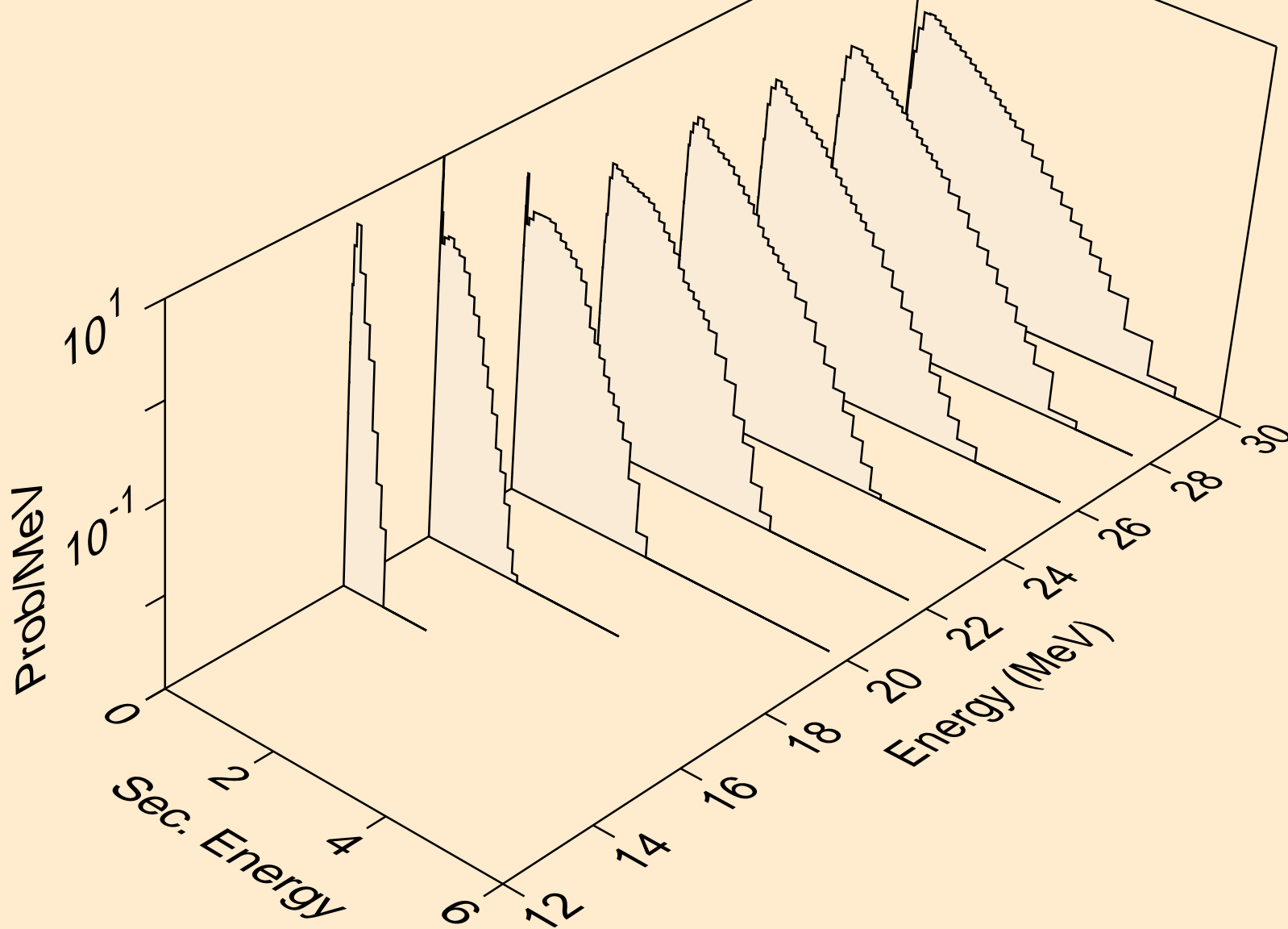
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



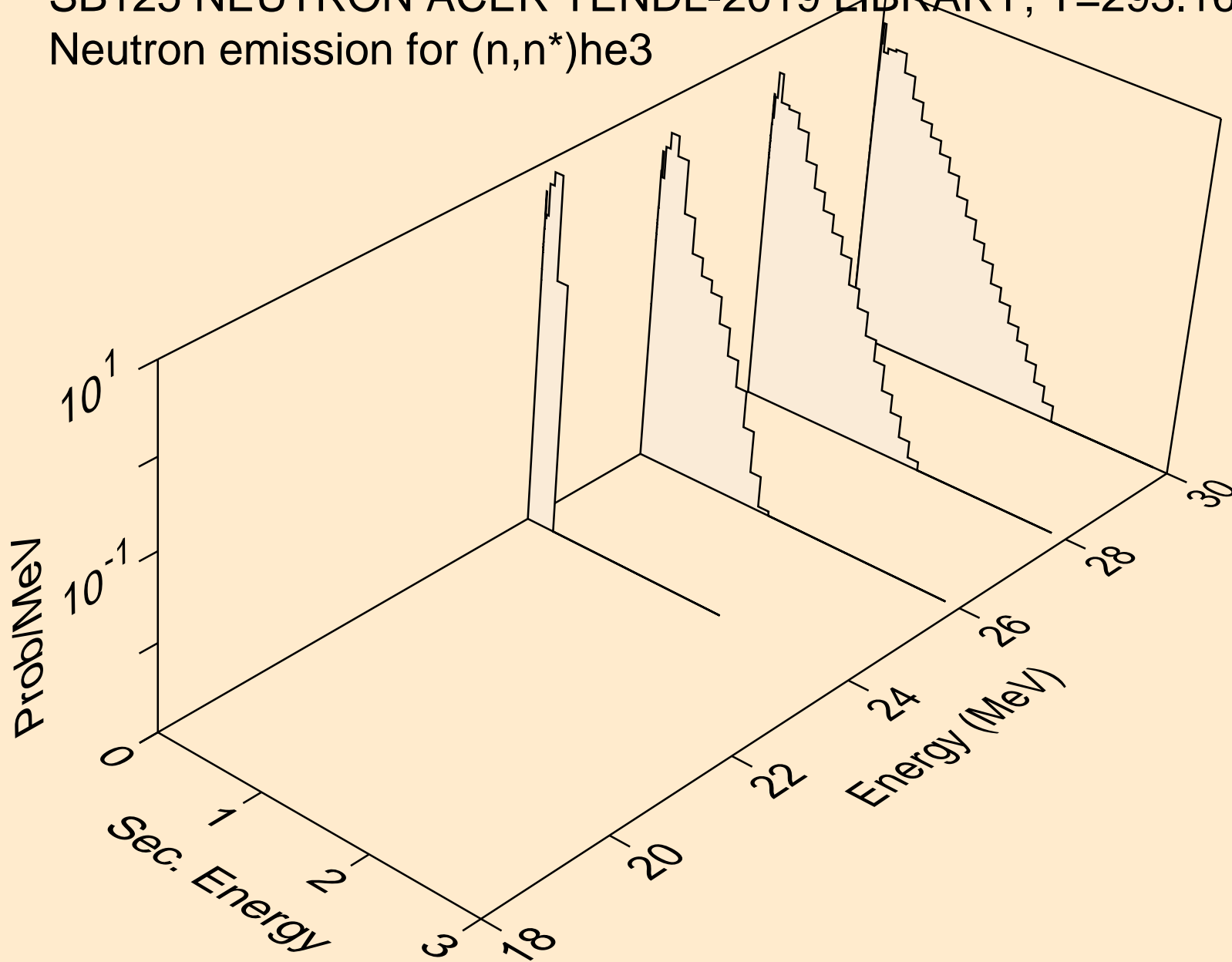
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



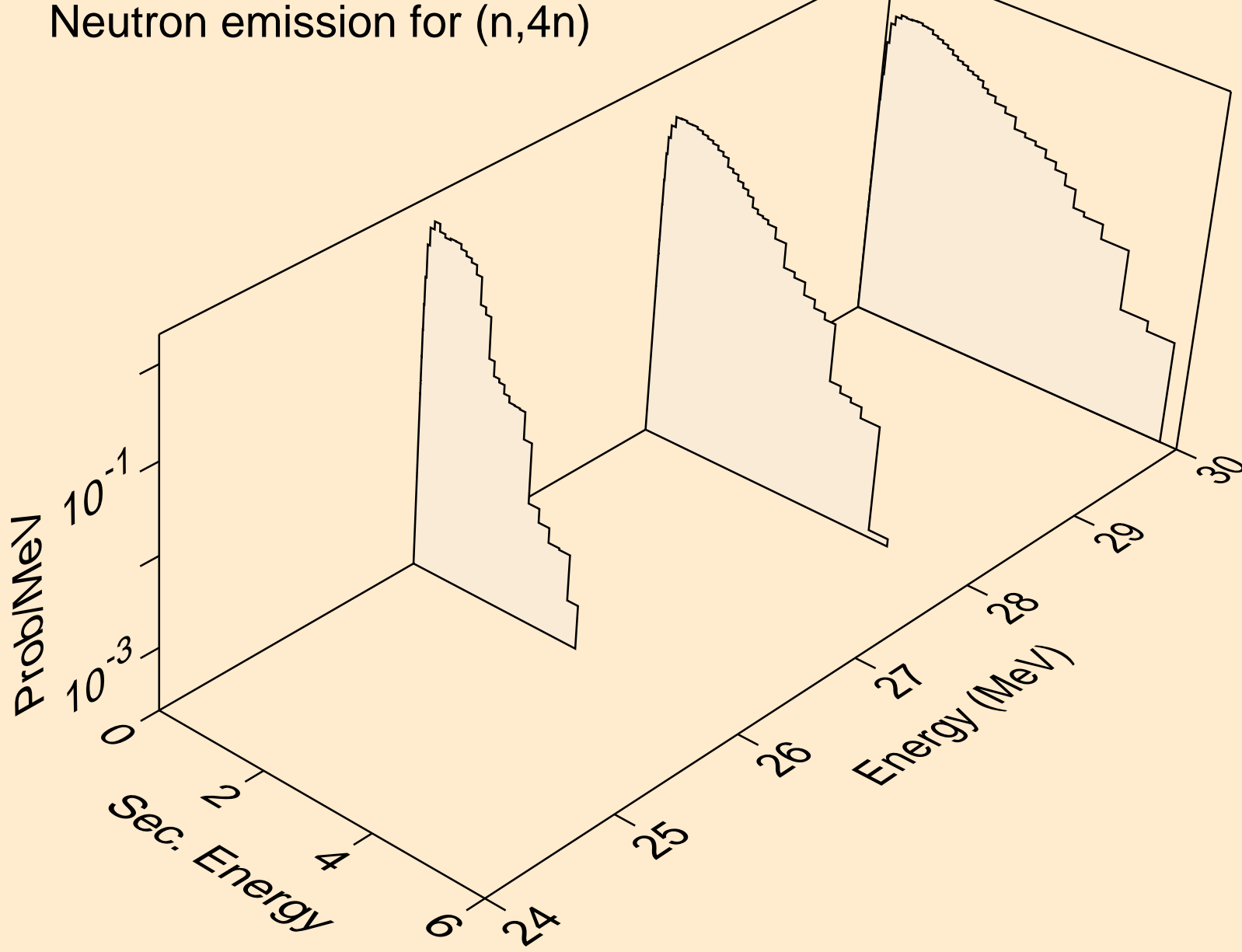
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



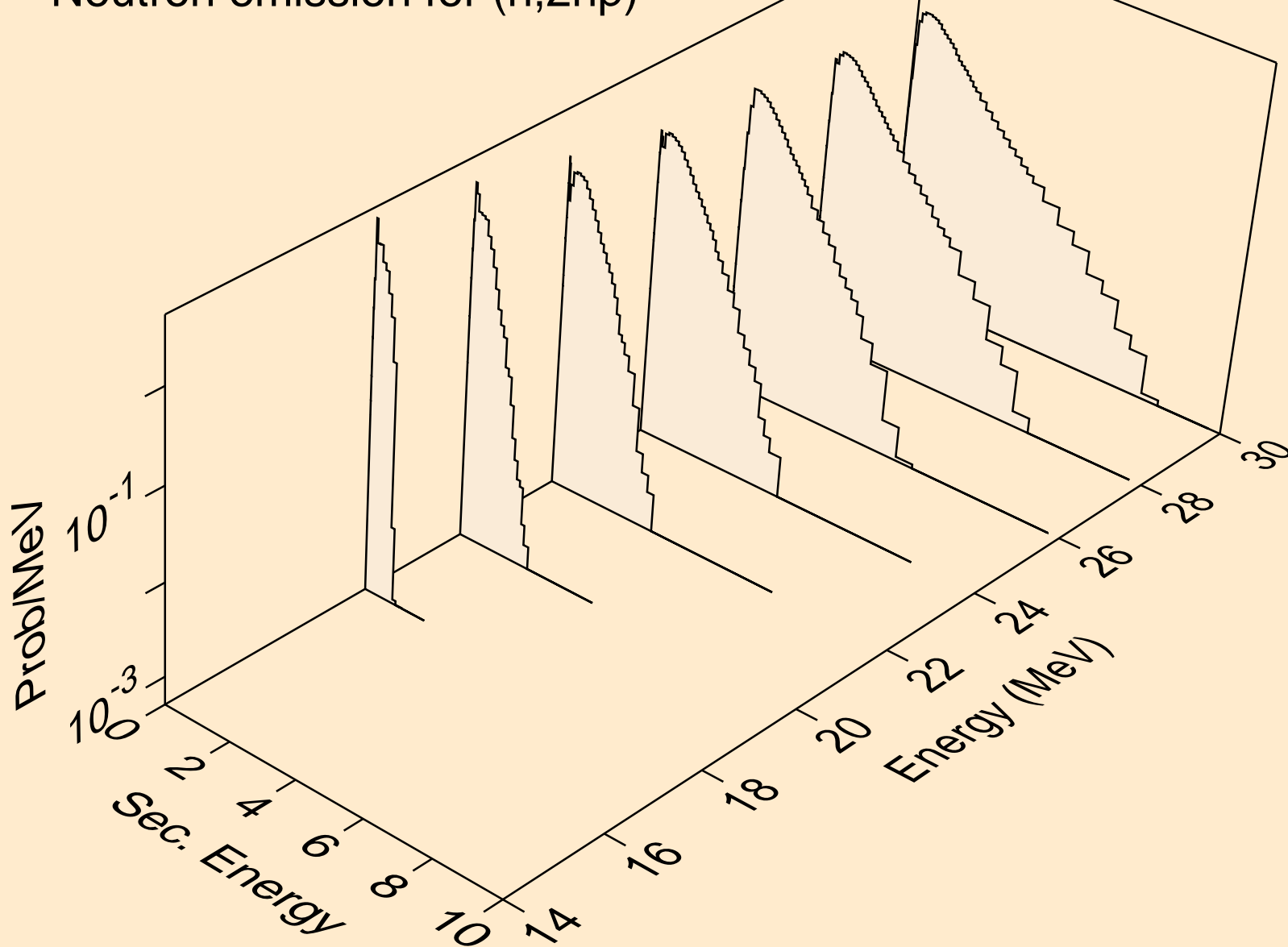
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



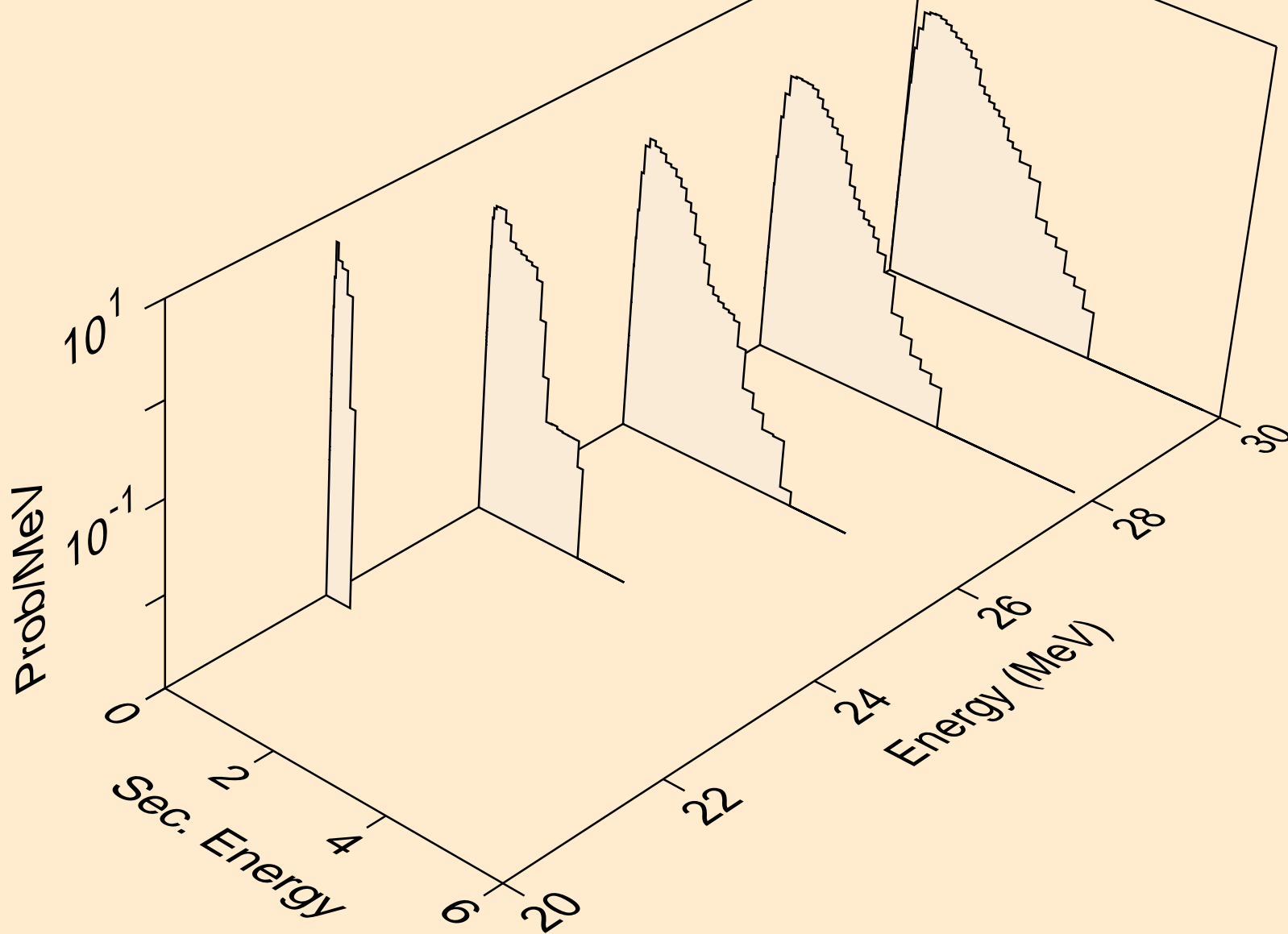
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)

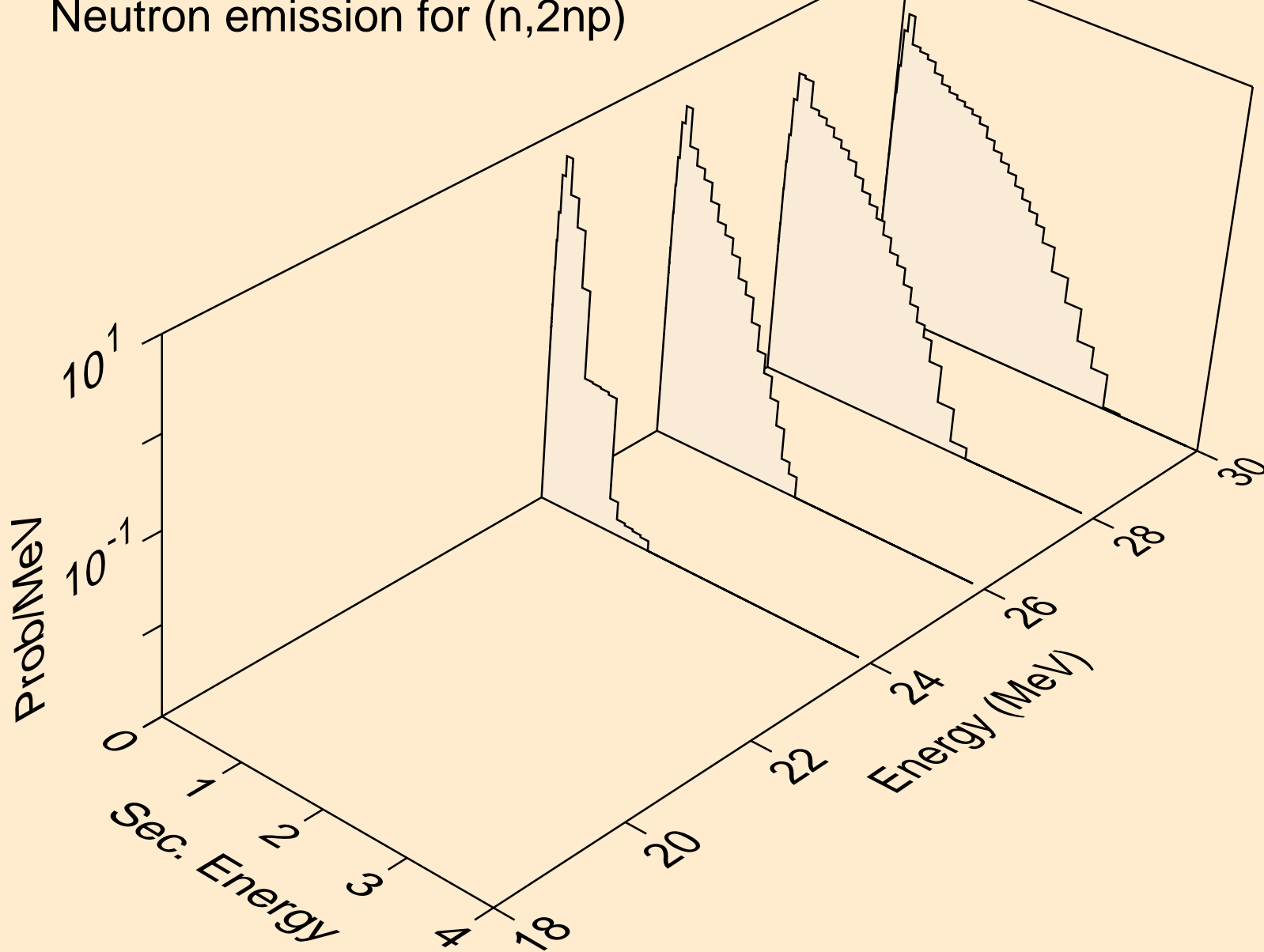


SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)

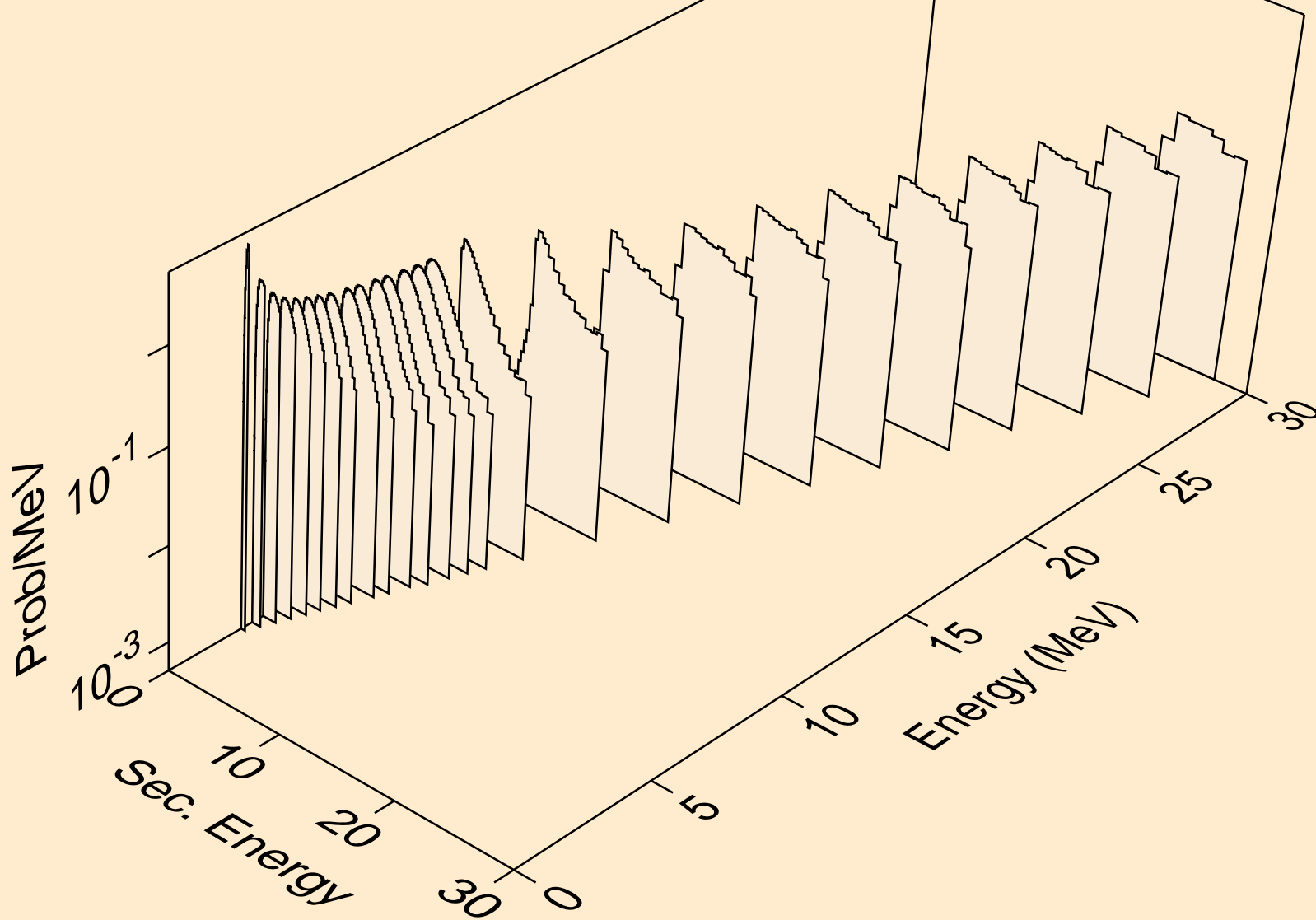




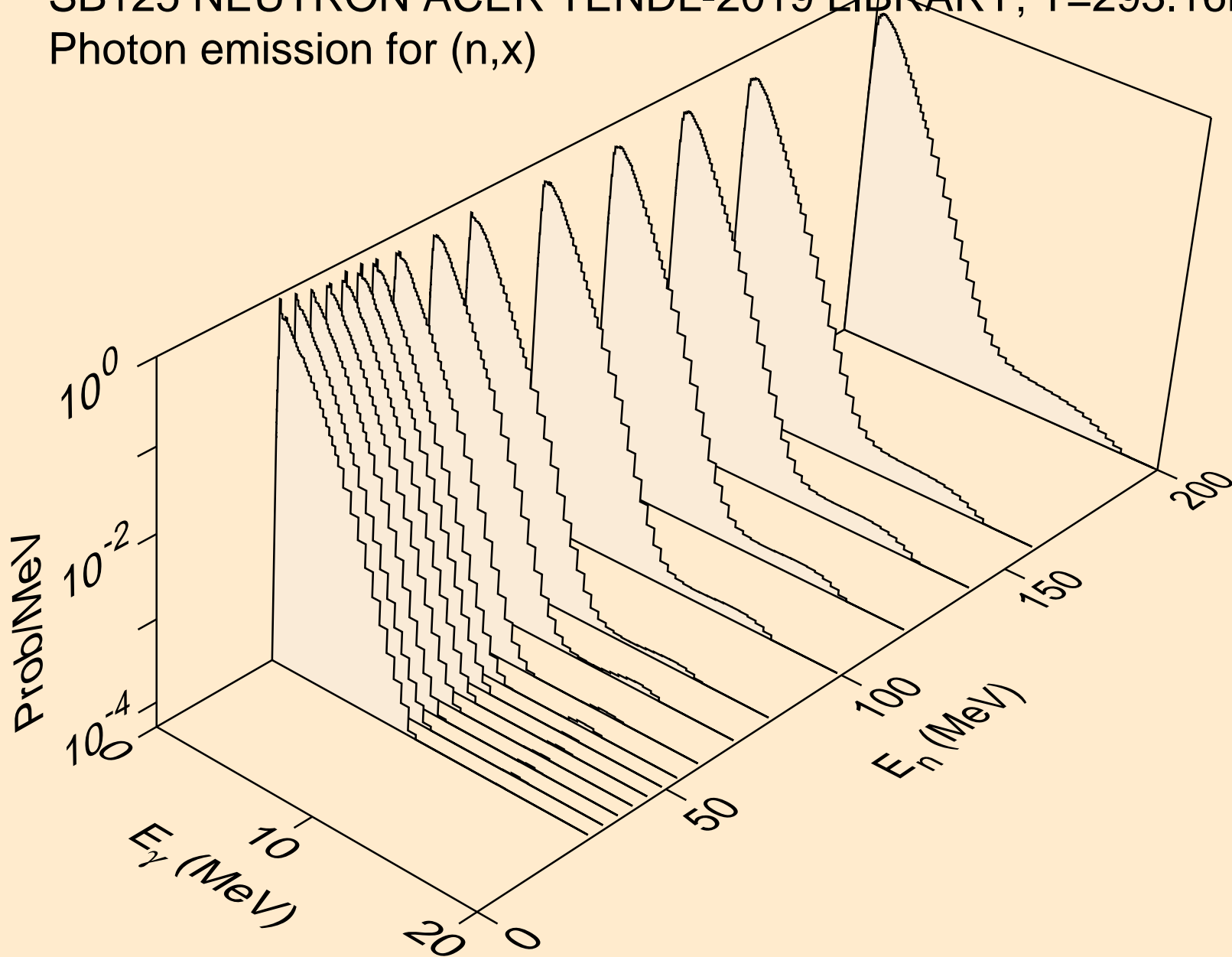
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Neutron emission for (n,2np)



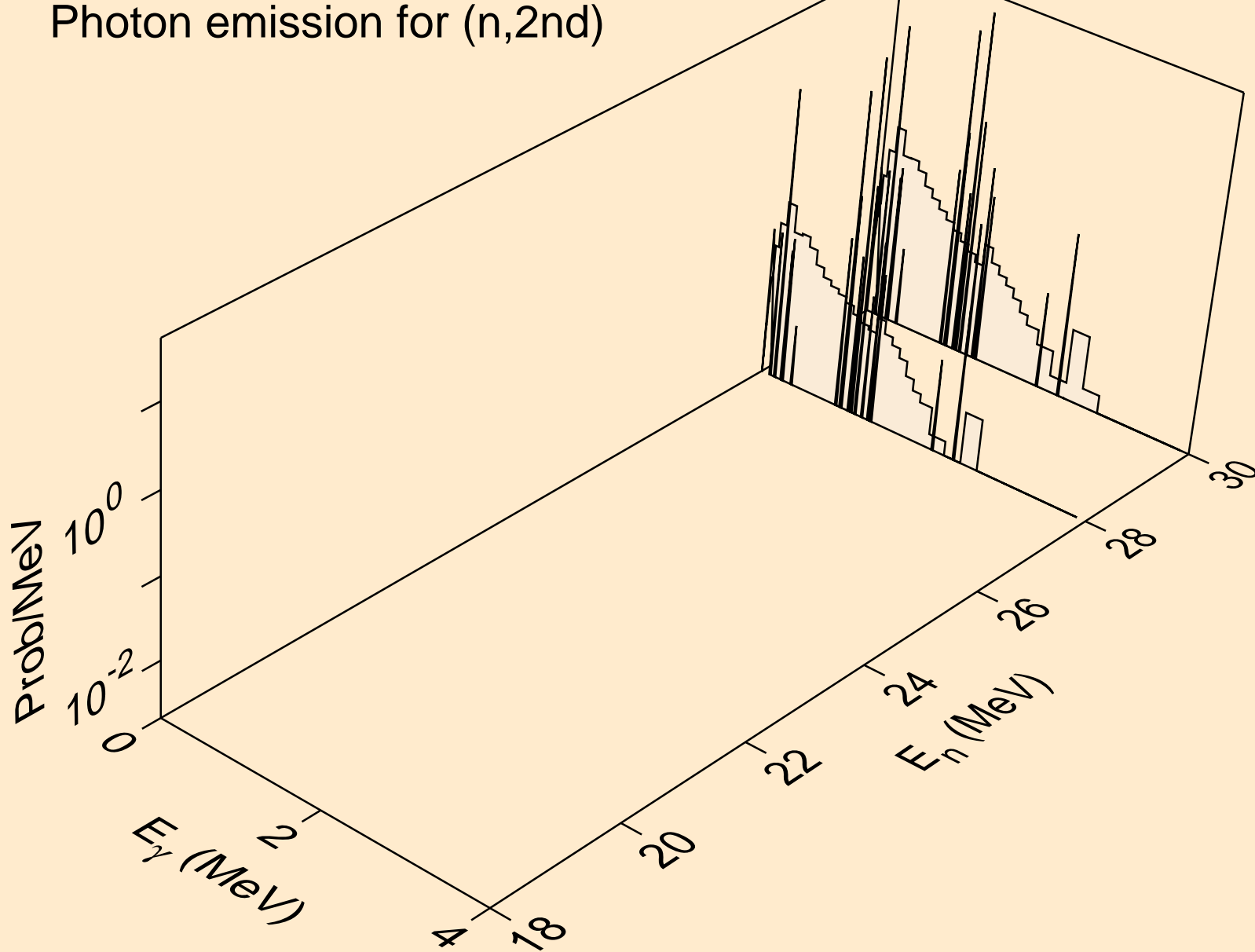
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Neutron emission for (n,n\*c)



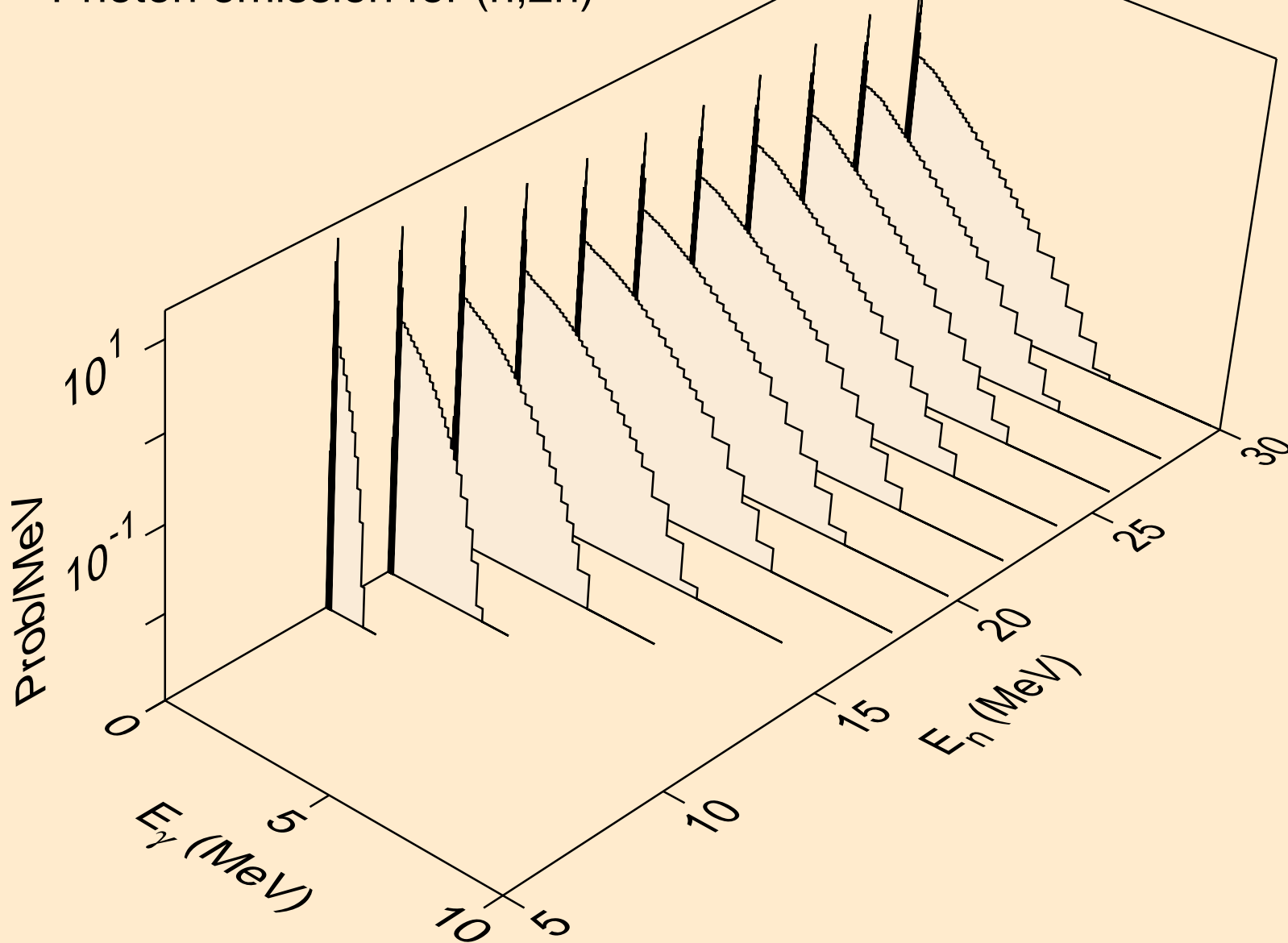
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Photon emission for (n,x)



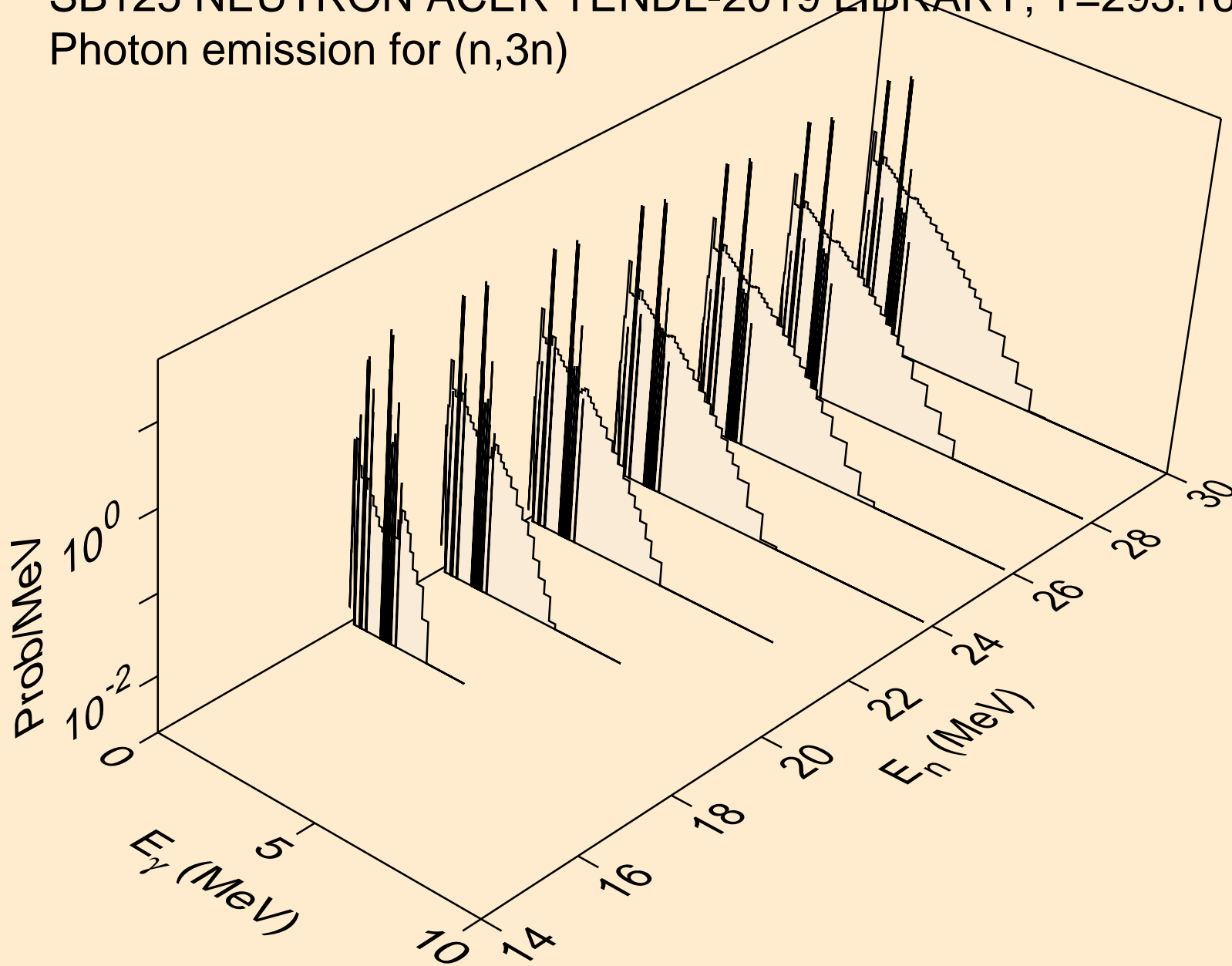
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Photon emission for (n,2nd)



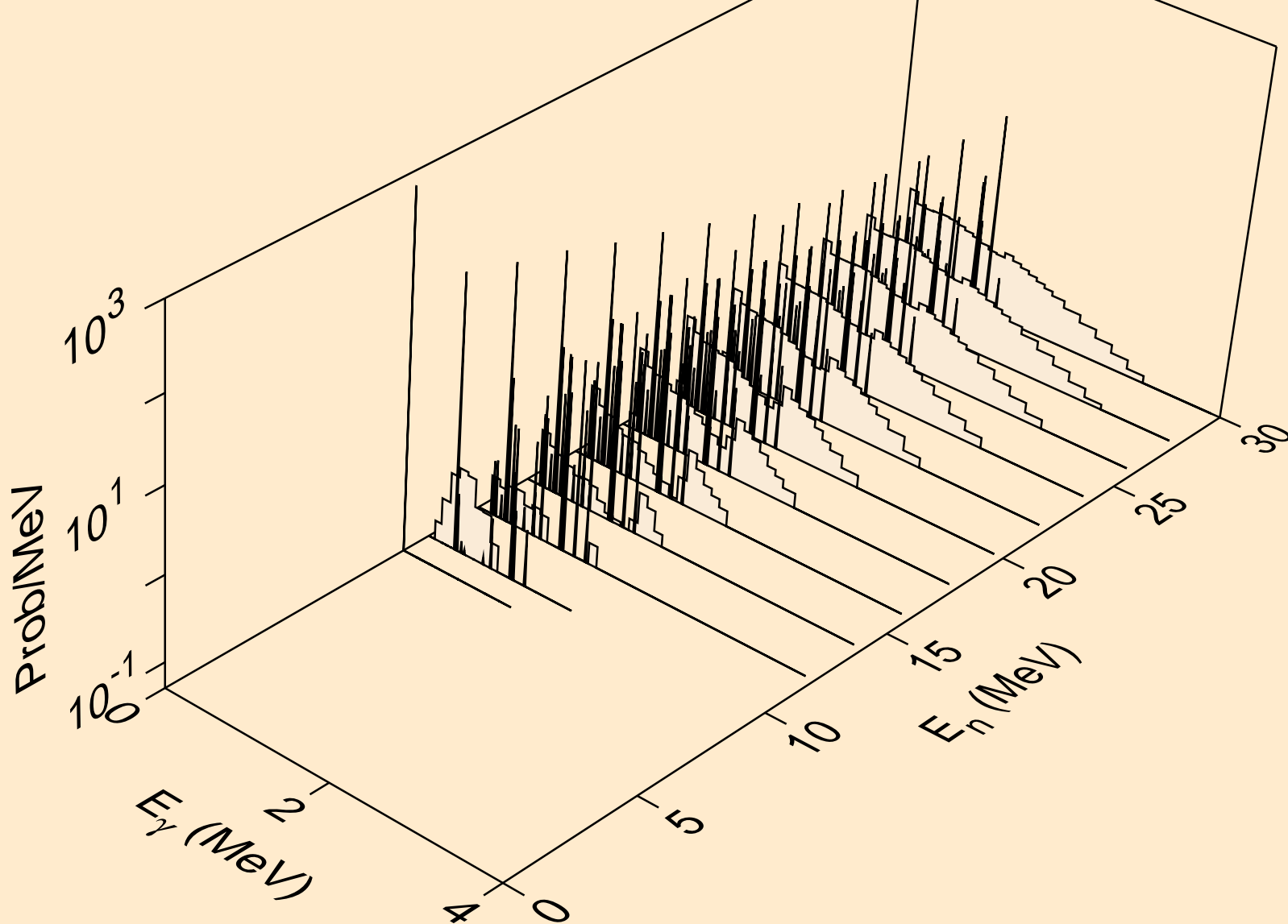
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Photon emission for (n,2n)



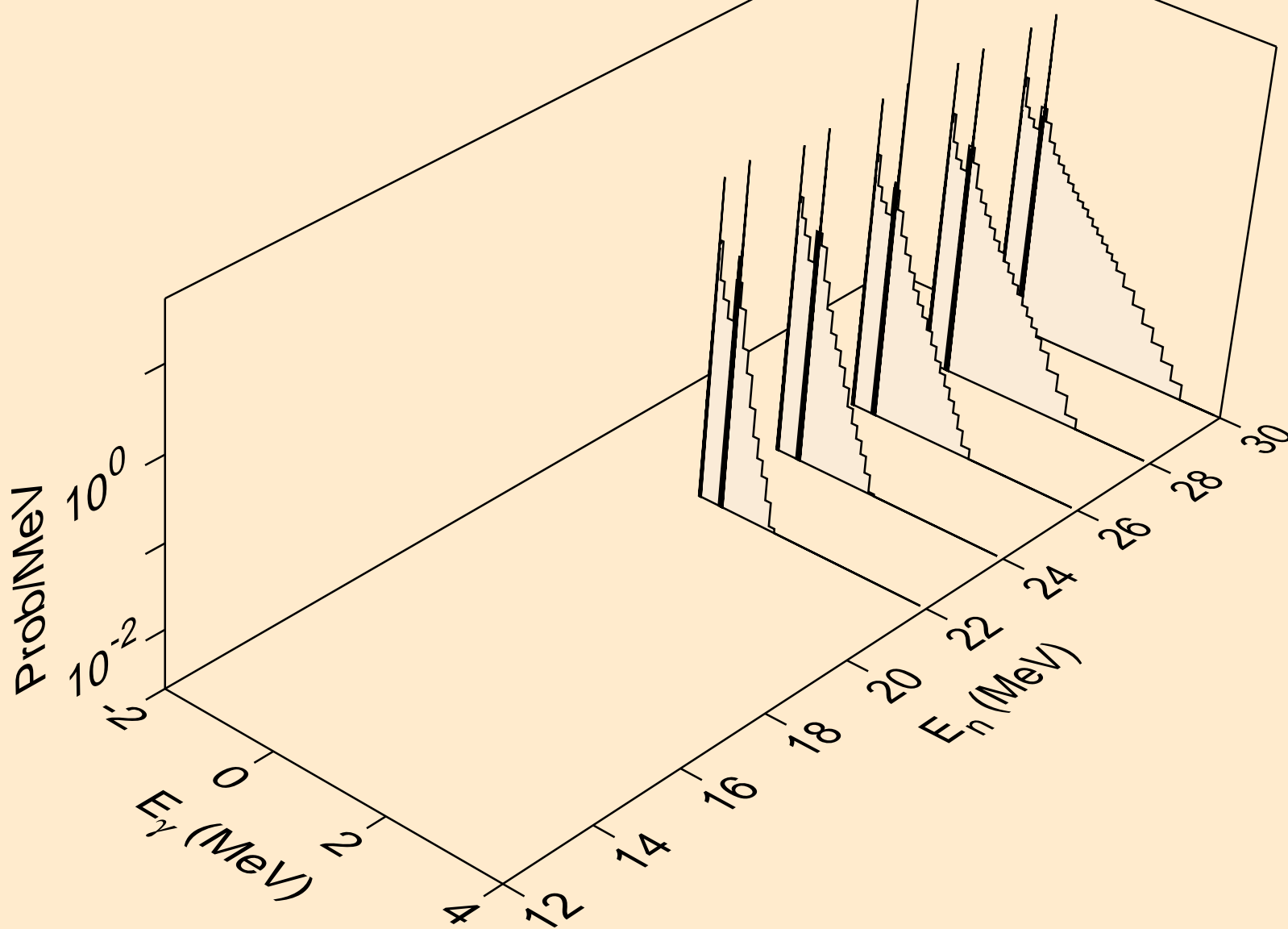
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a

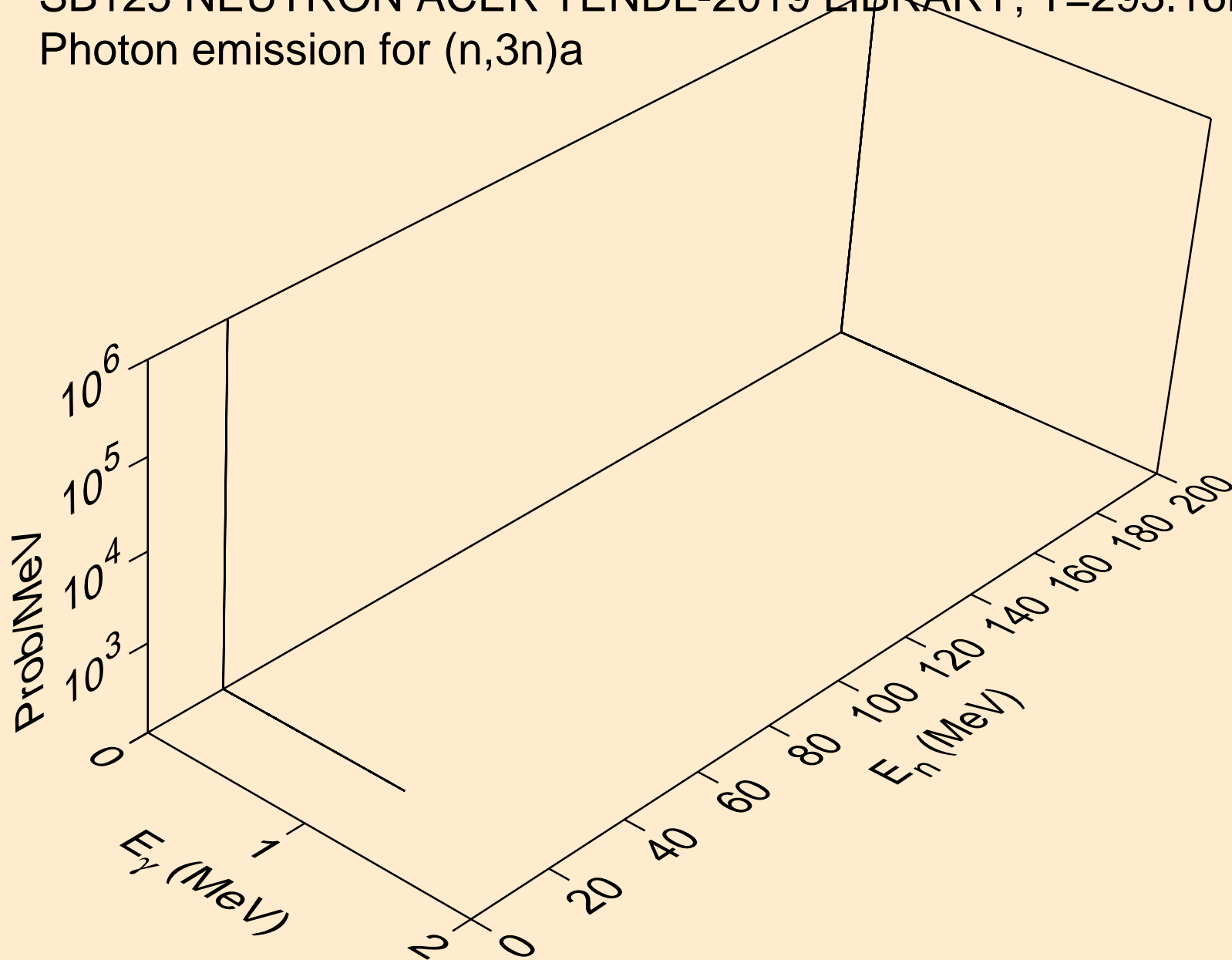


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Photon emission for (n,2n)a

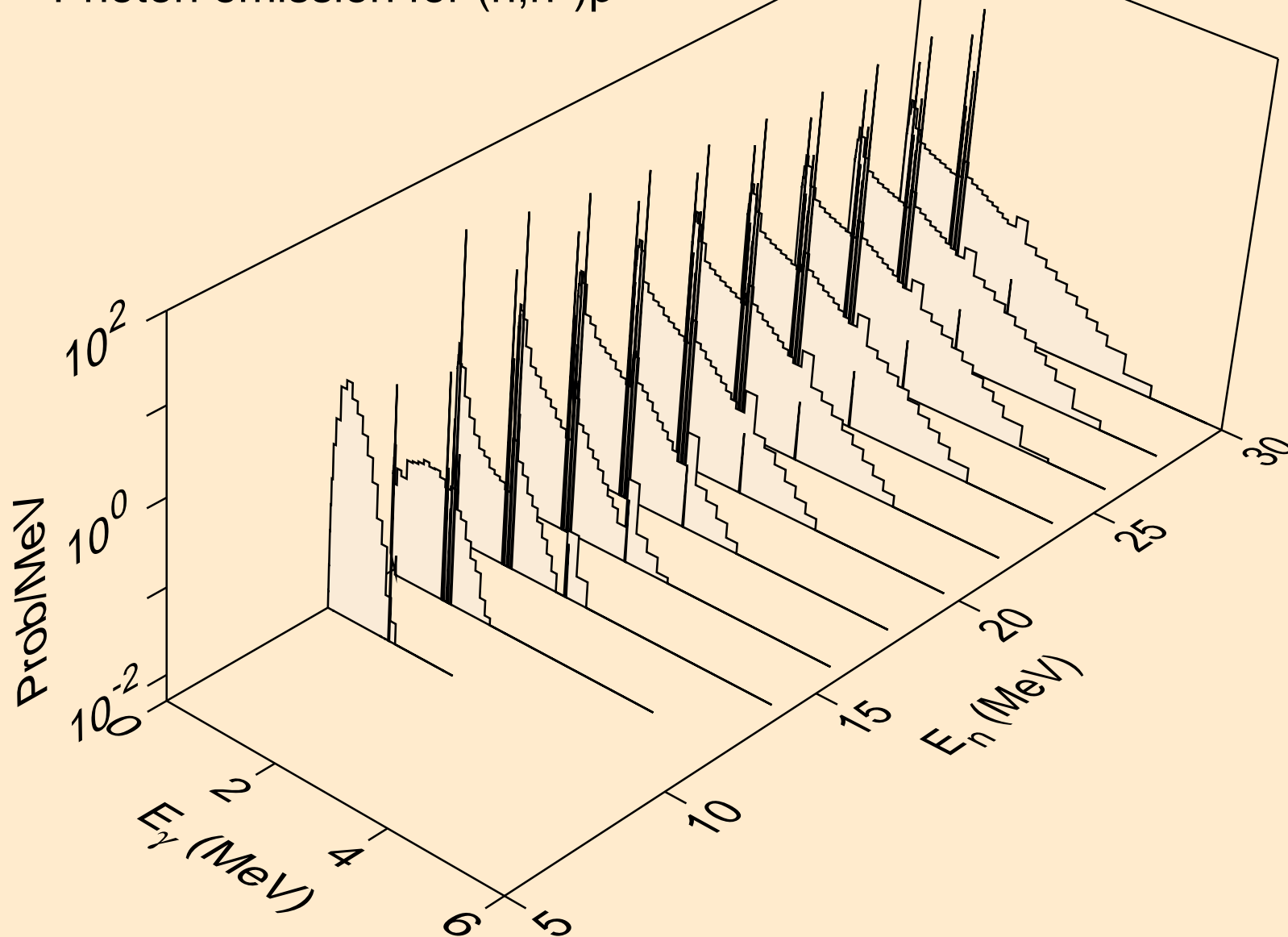




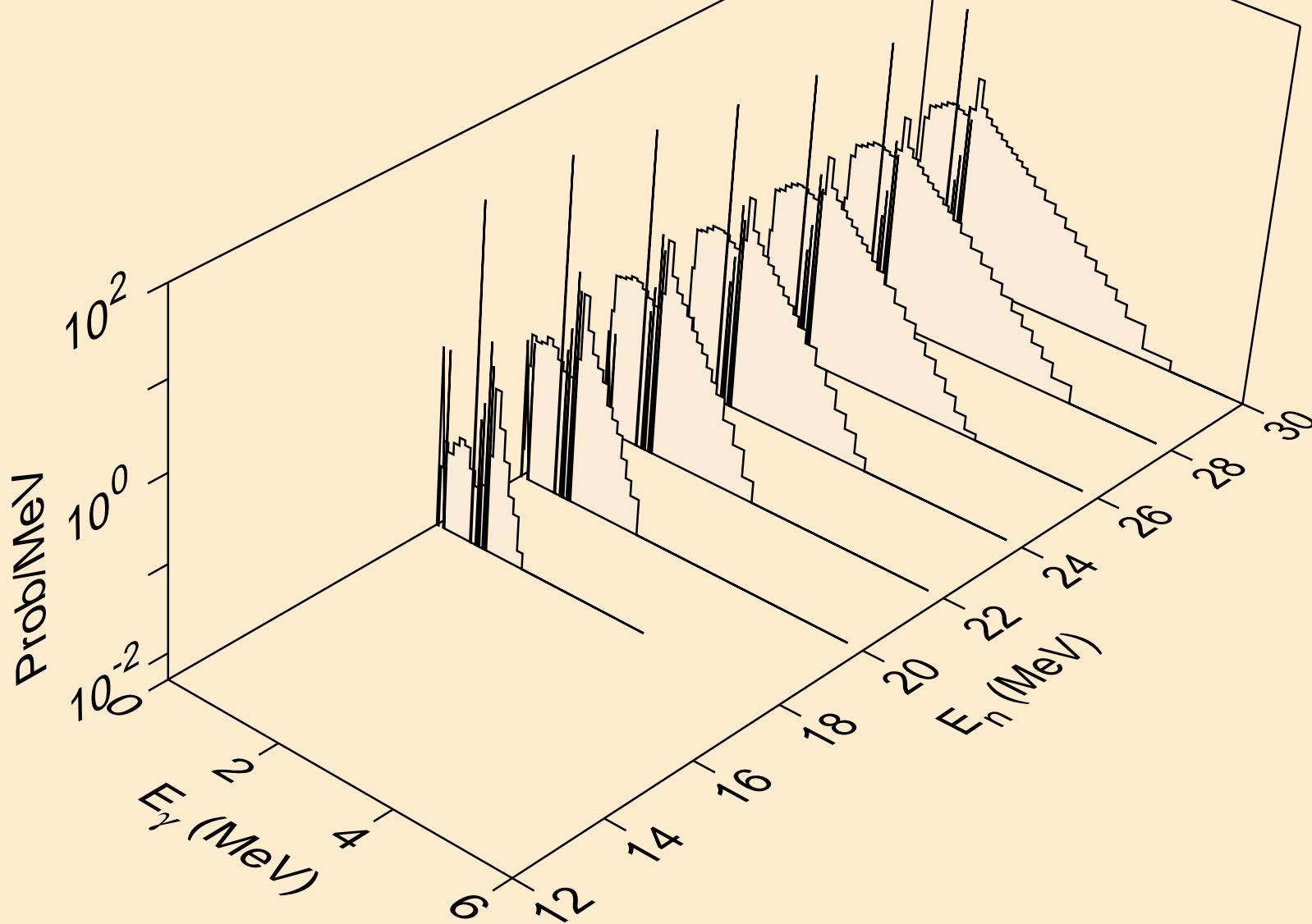
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Photon emission for (n,3n)a



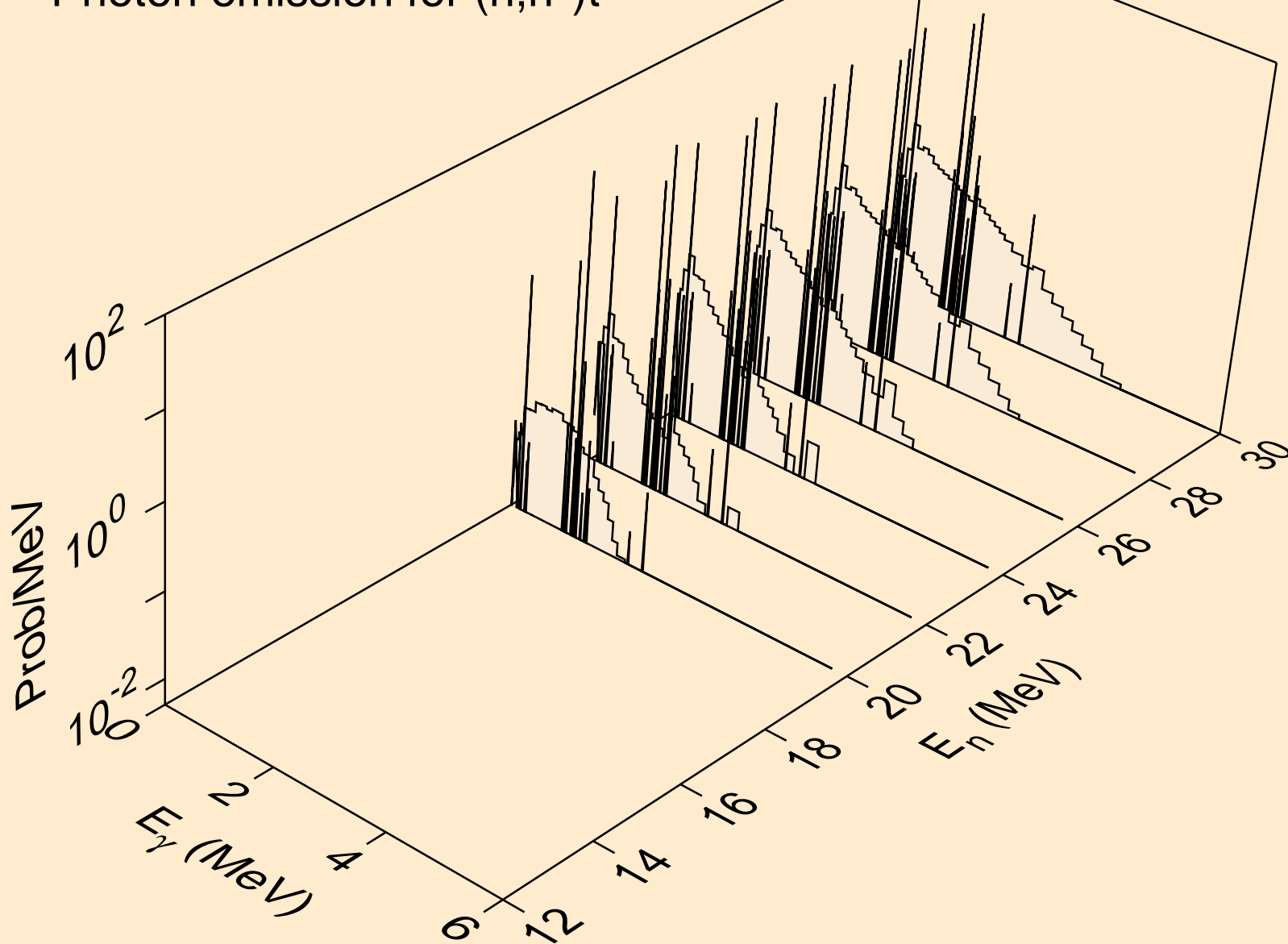
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



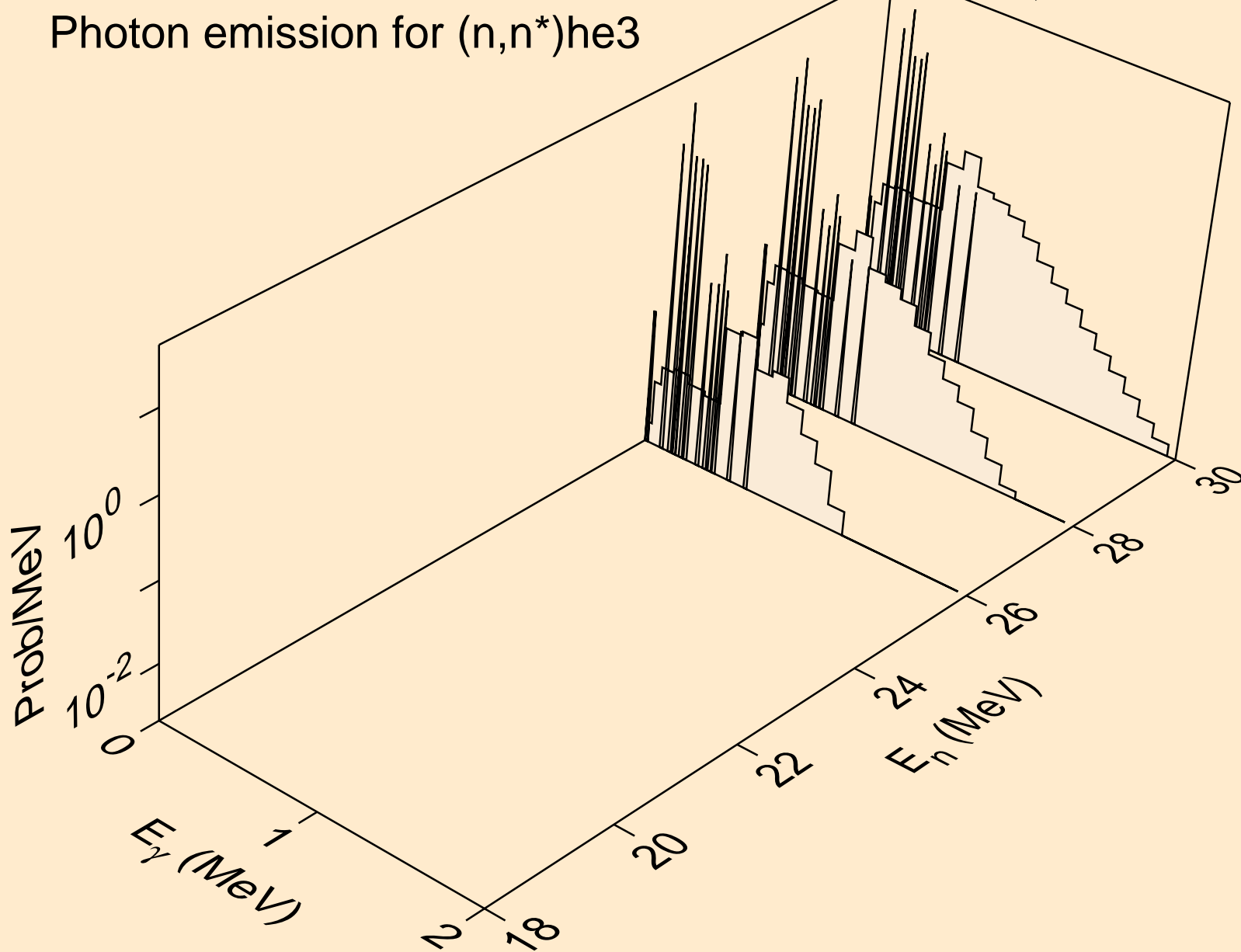
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Photon emission for (n,n\*)d



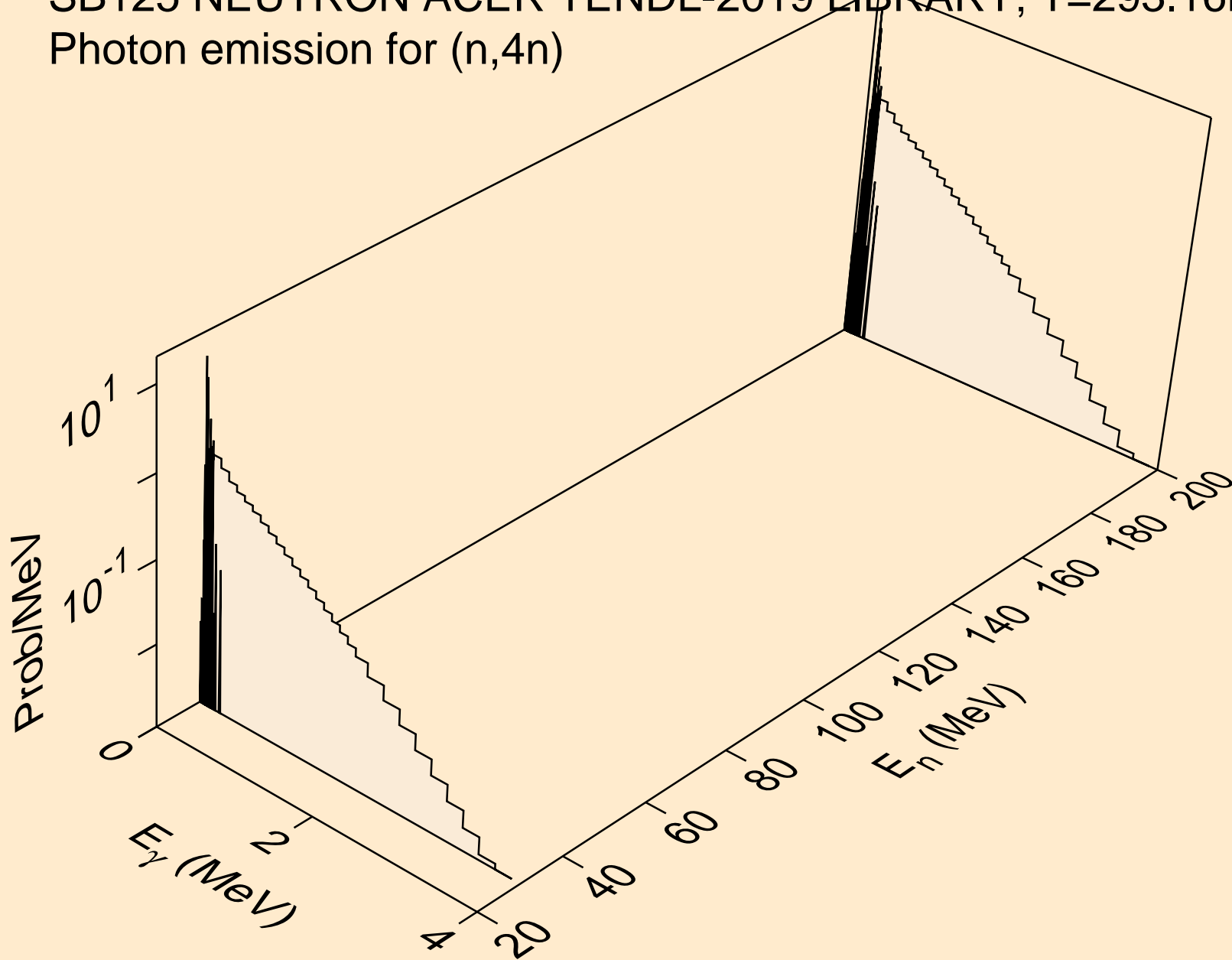
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Photon emission for (n,n\*)t



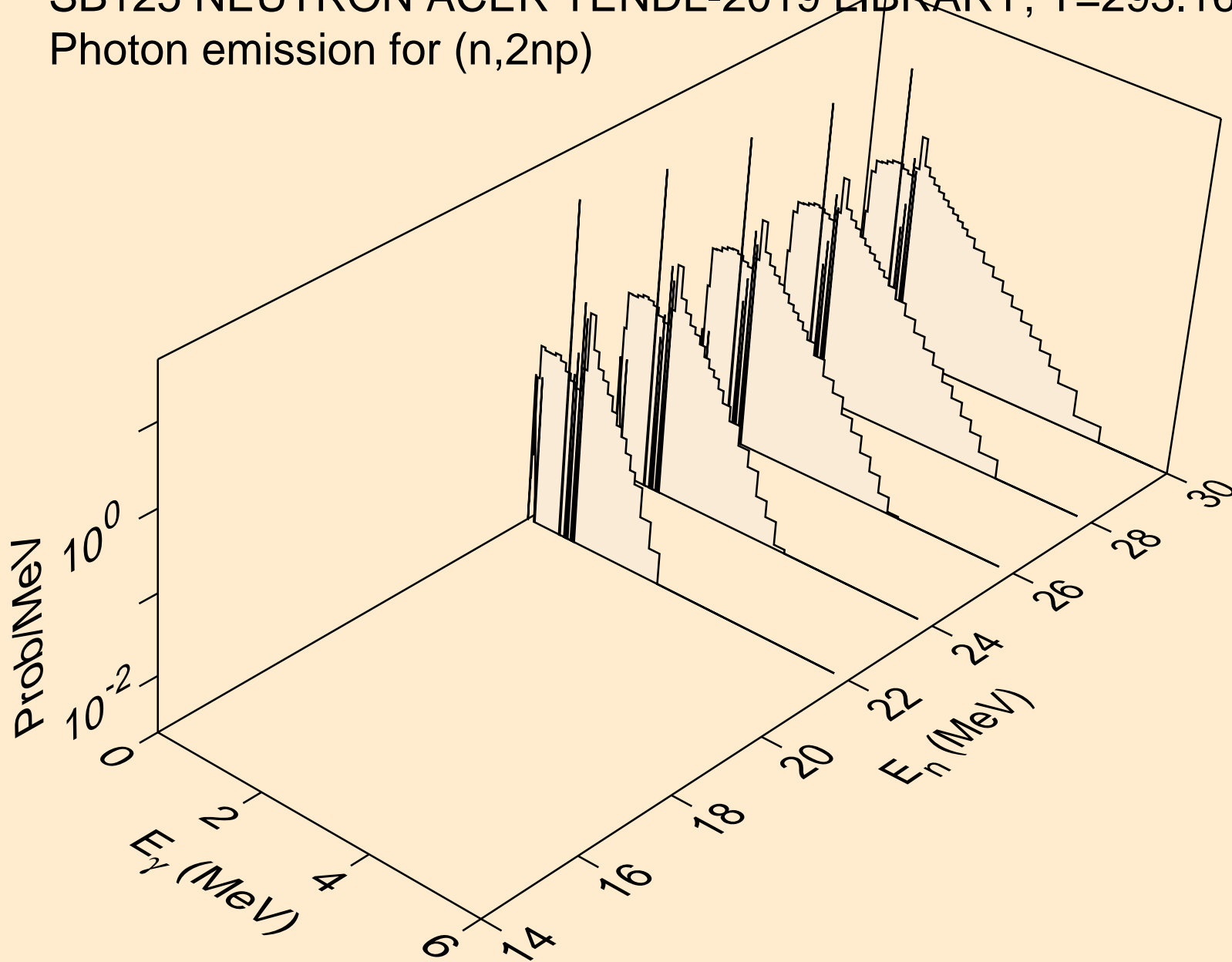
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



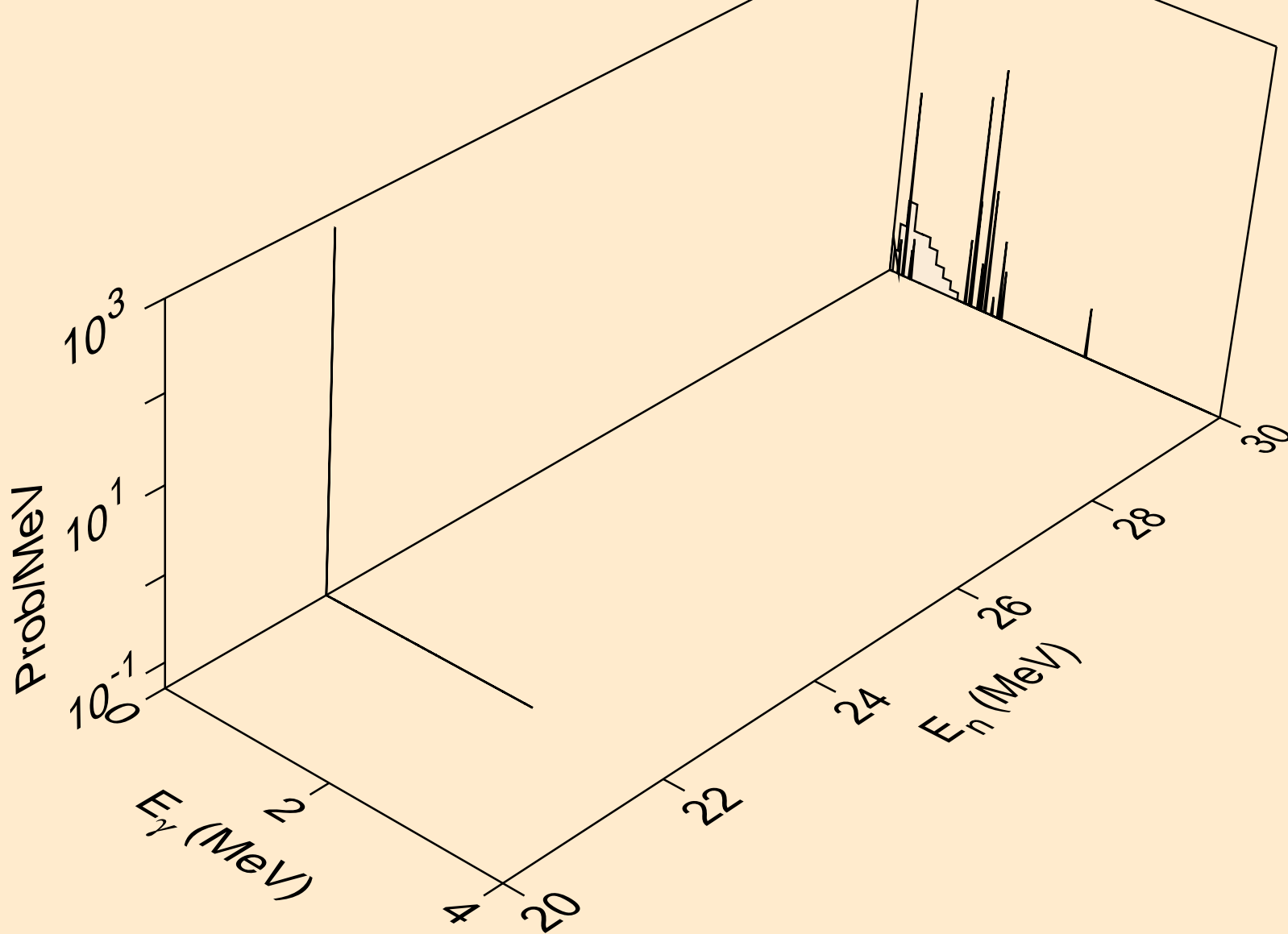
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)

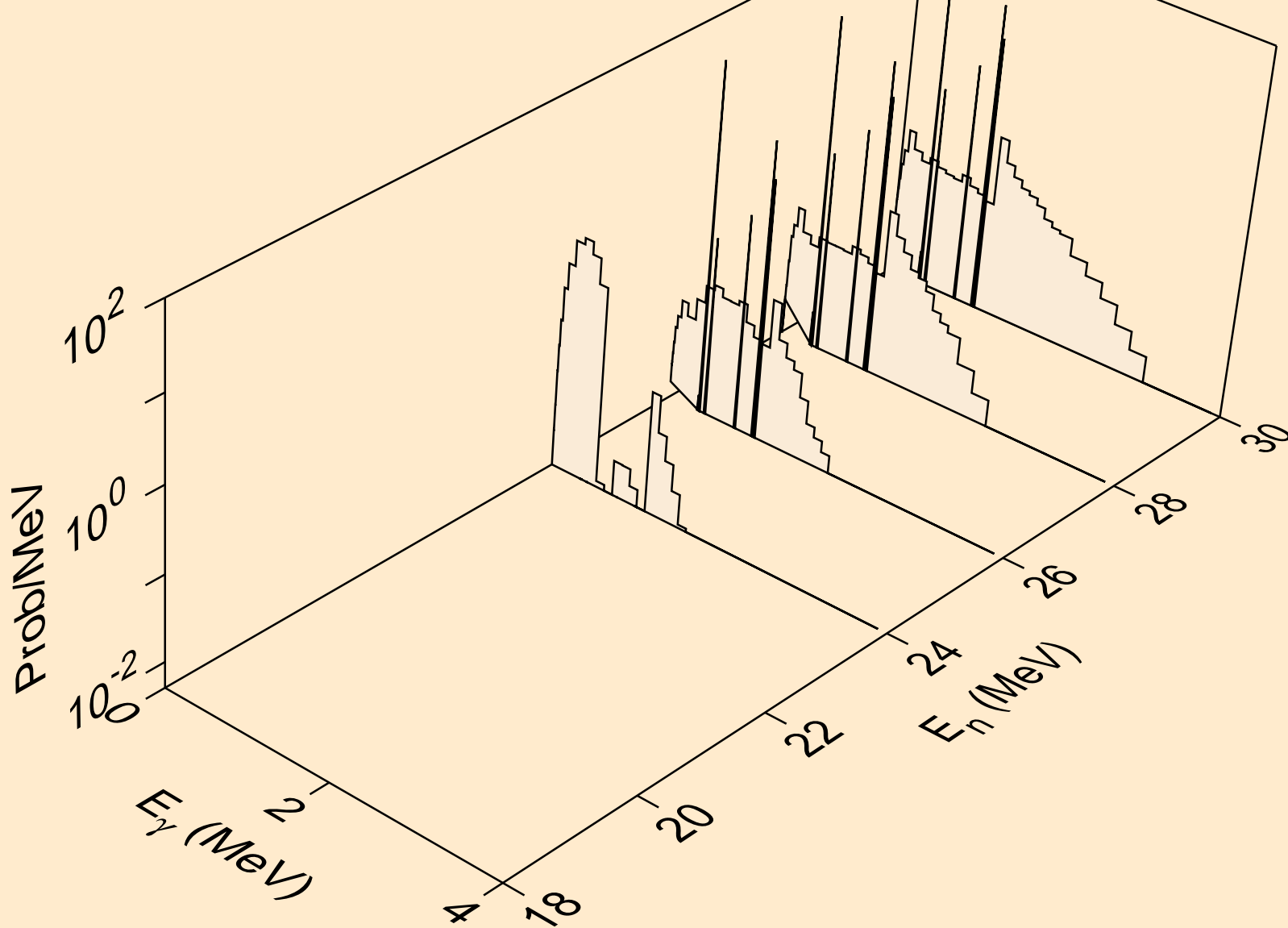


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Photon emission for (n,3np)

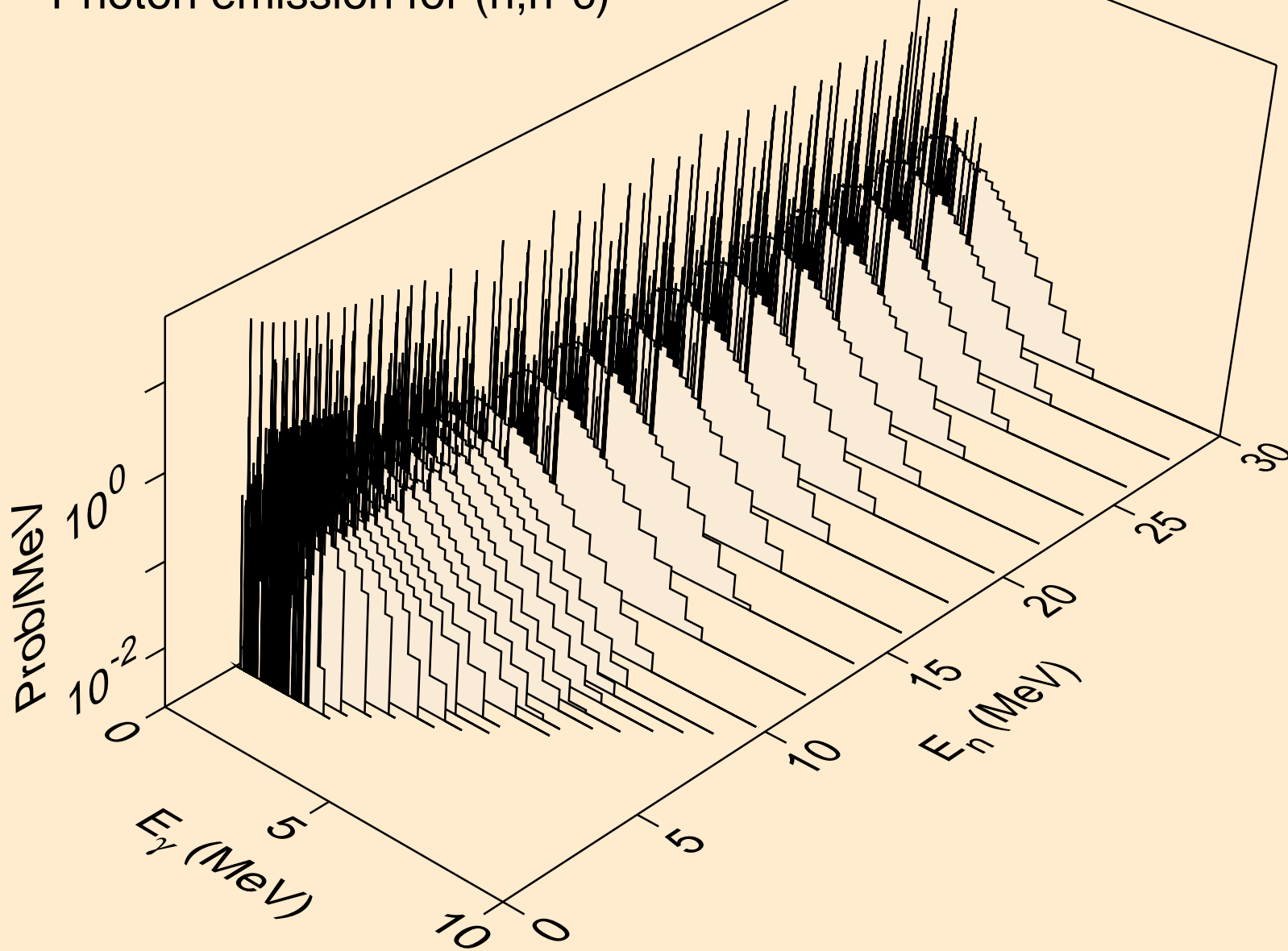




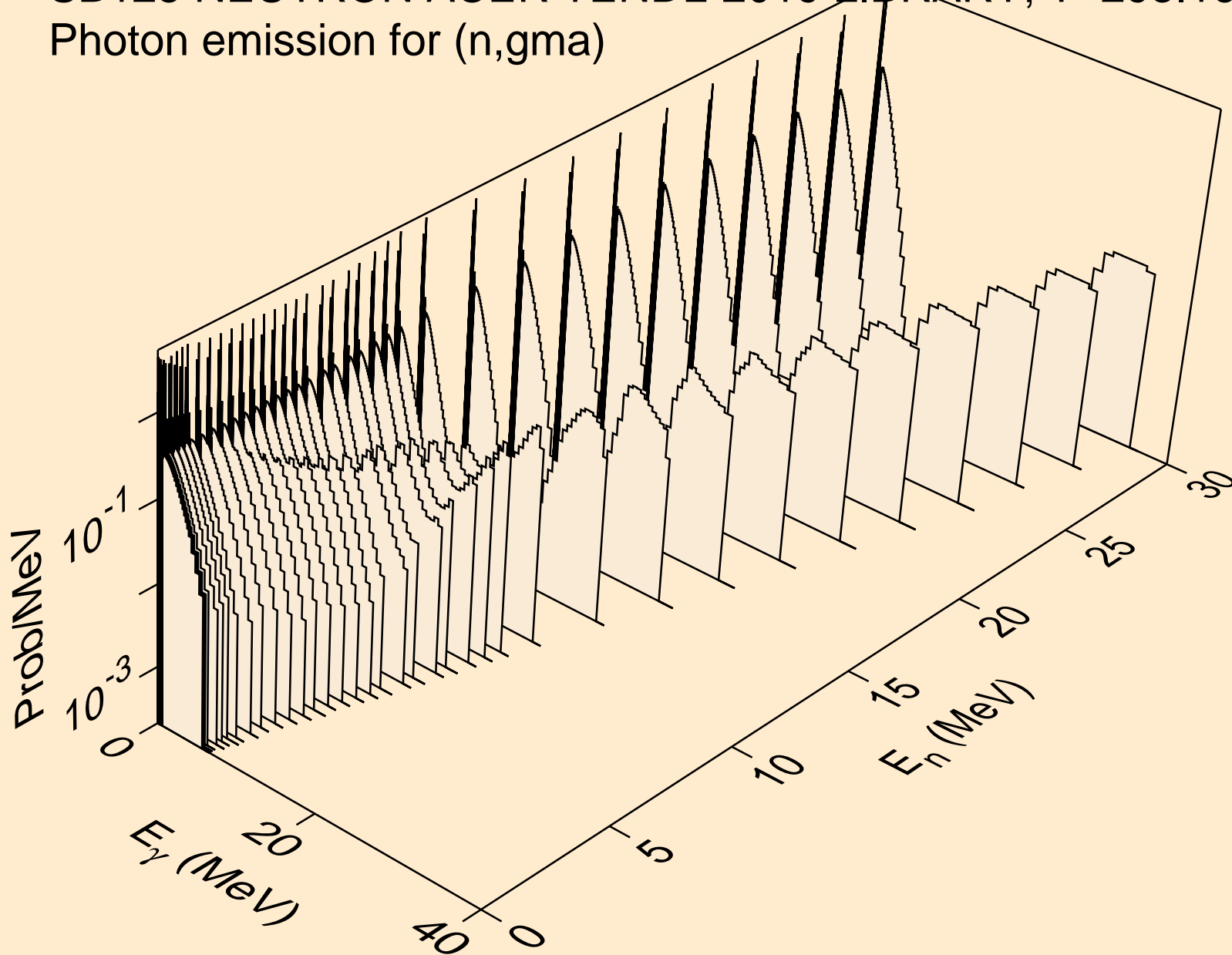
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Photon emission for (n,2np)



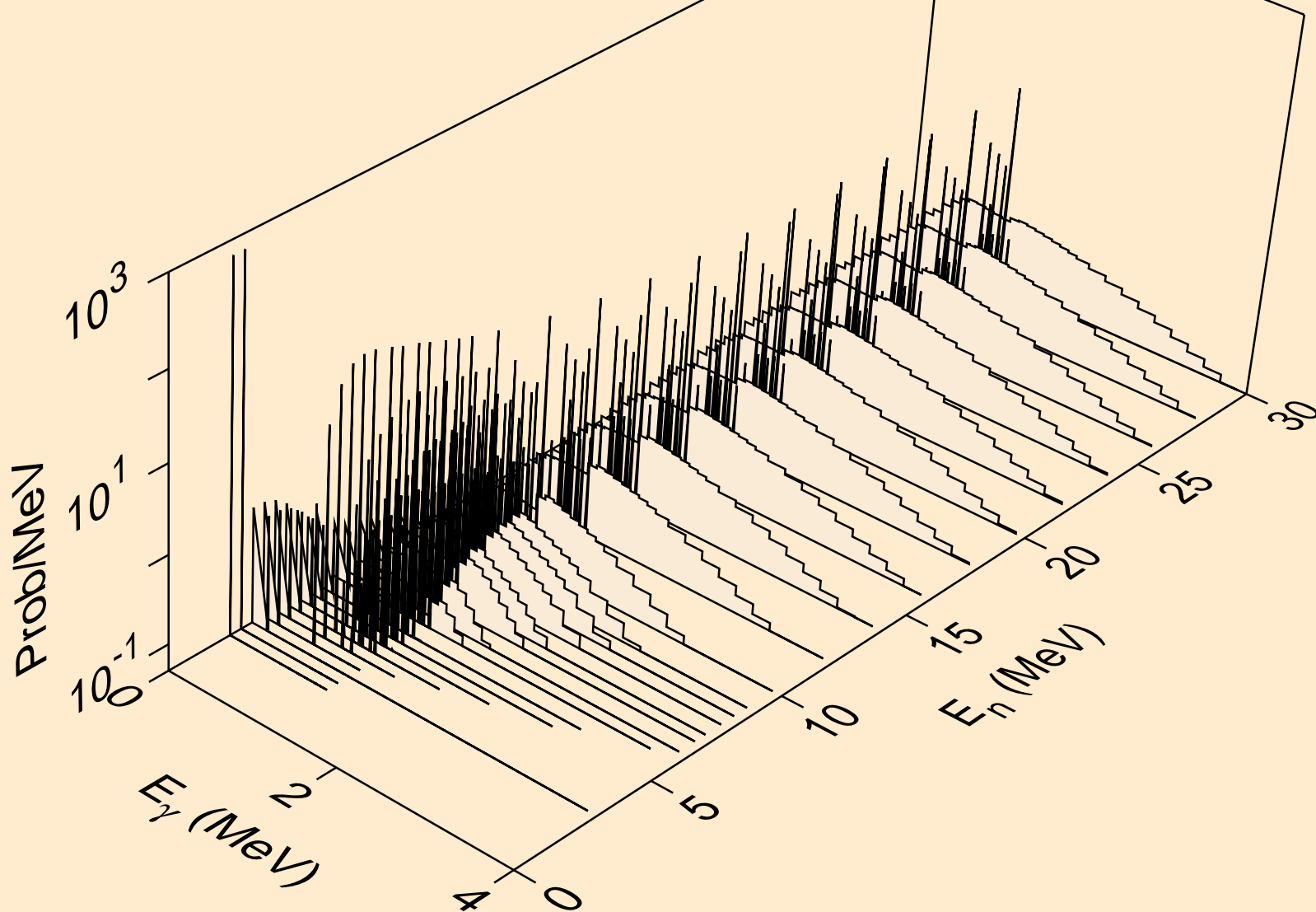
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Photon emission for (n,n\*c)



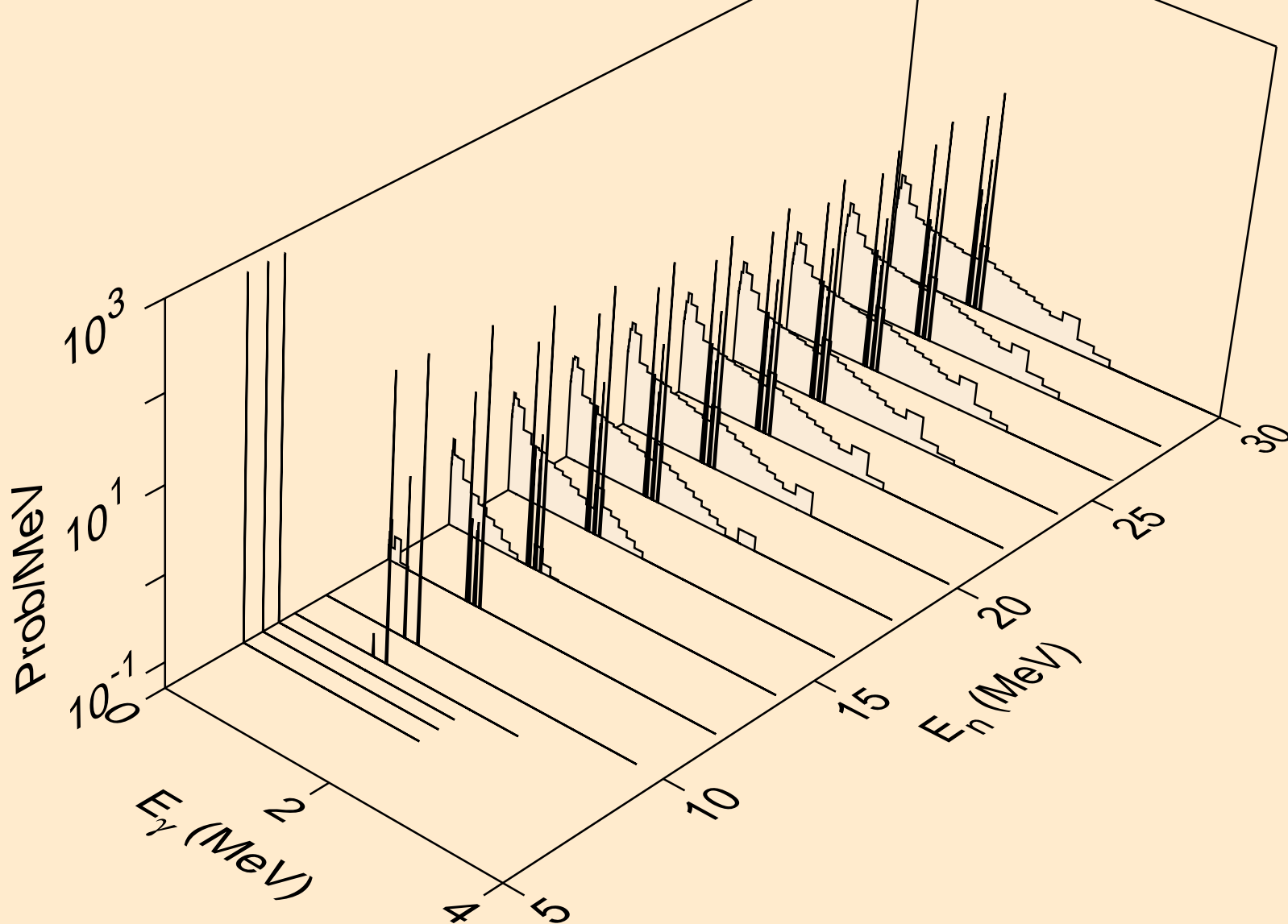
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Photon emission for (n,gma)



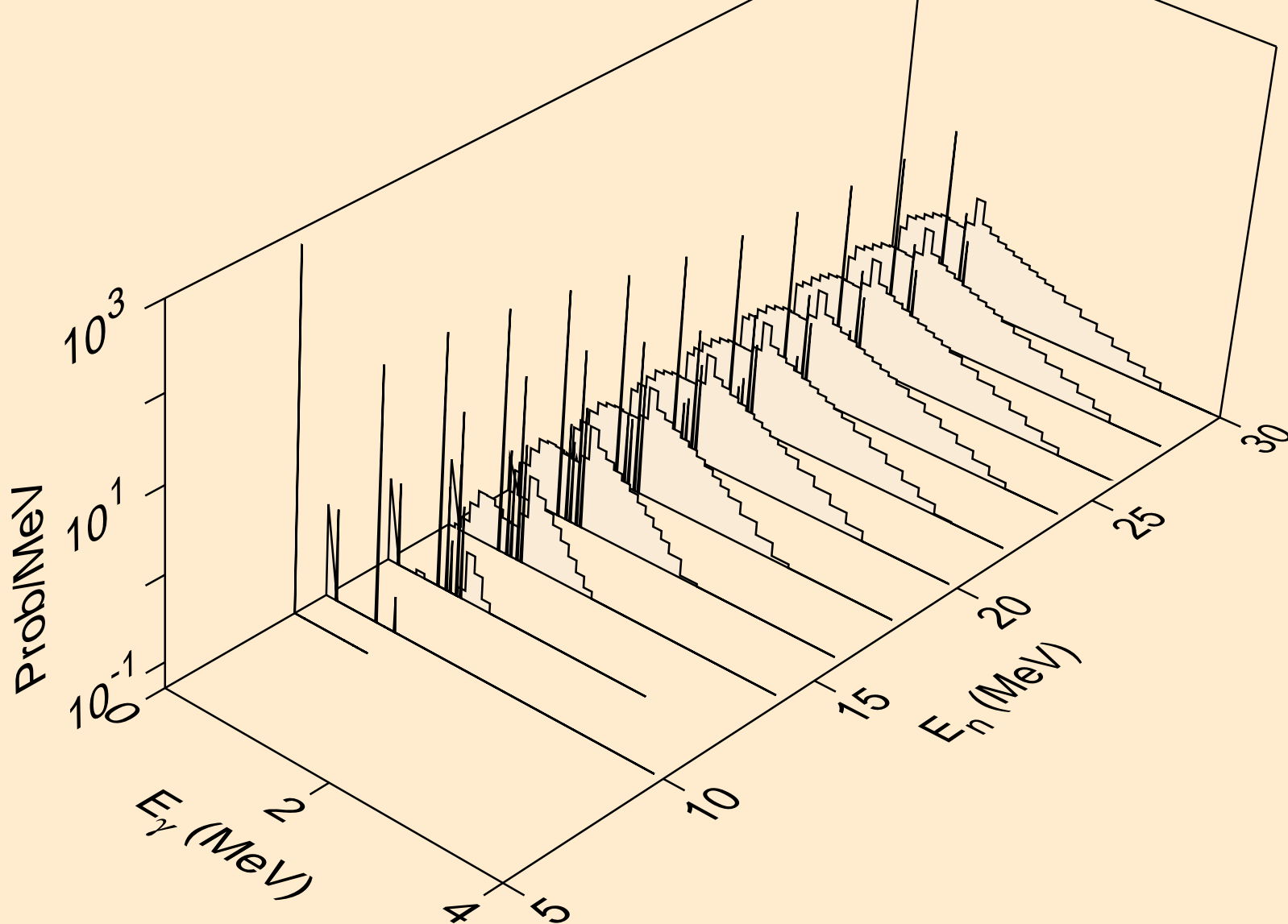
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Photon emission for (n,p)



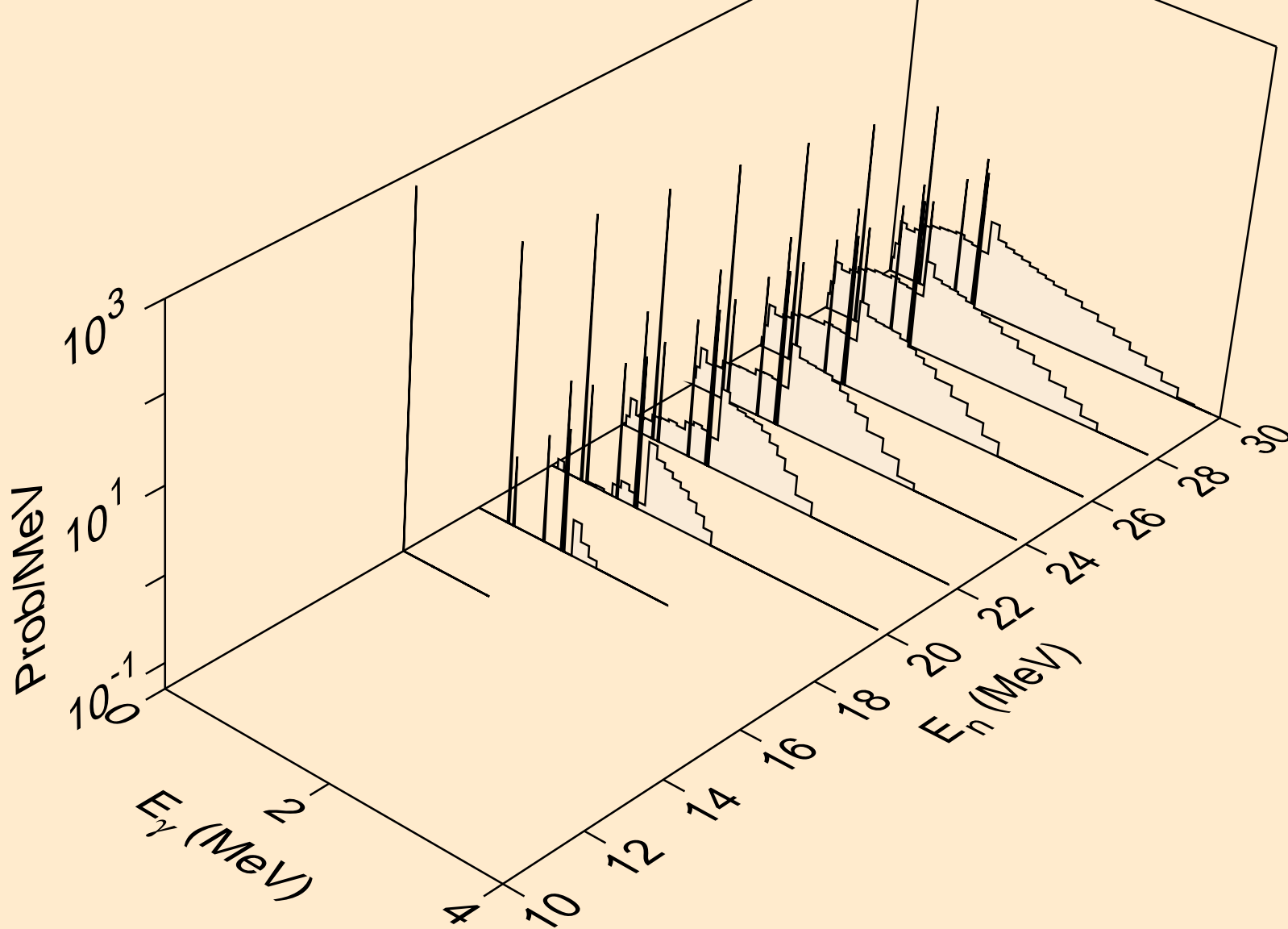
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Photon emission for (n,d)



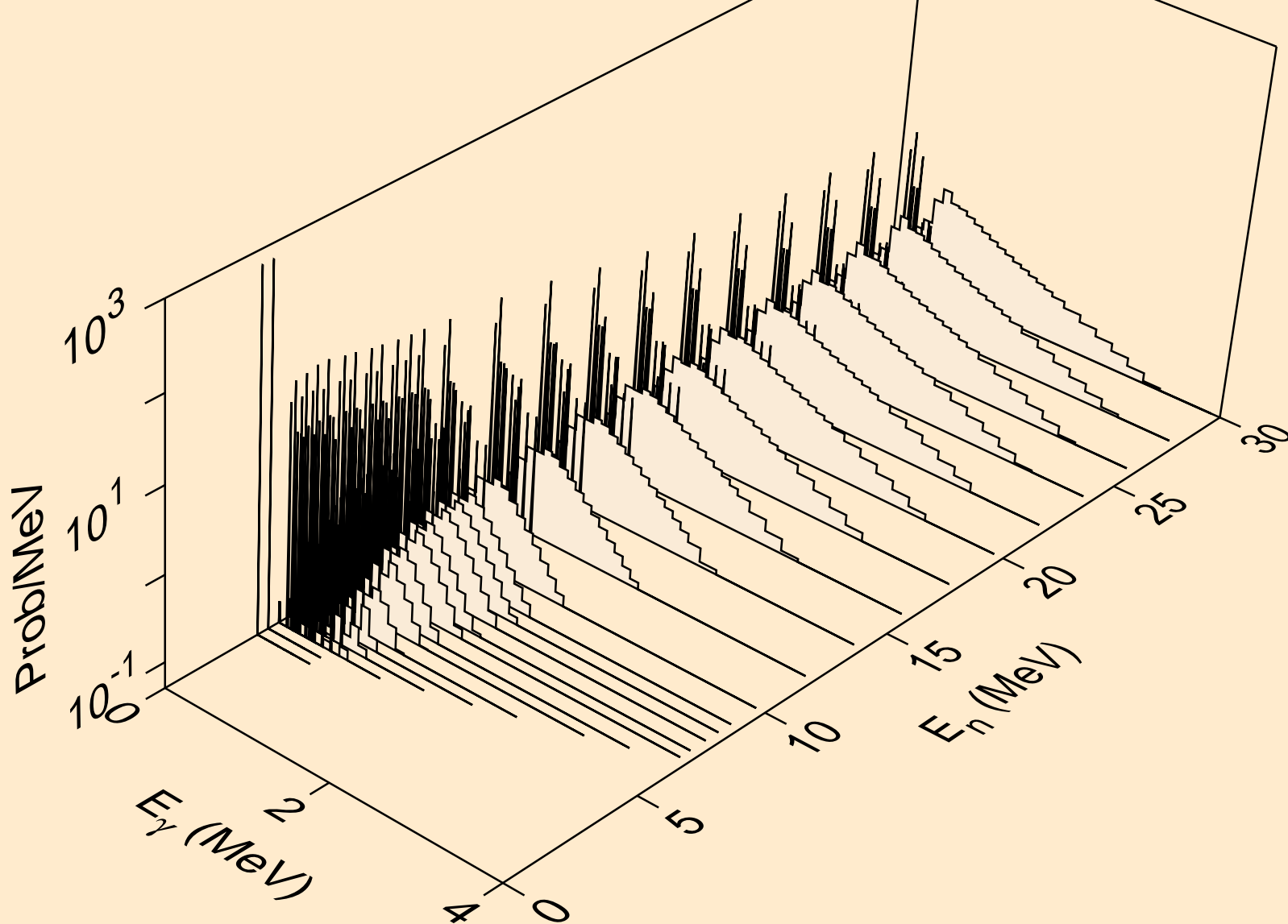
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)

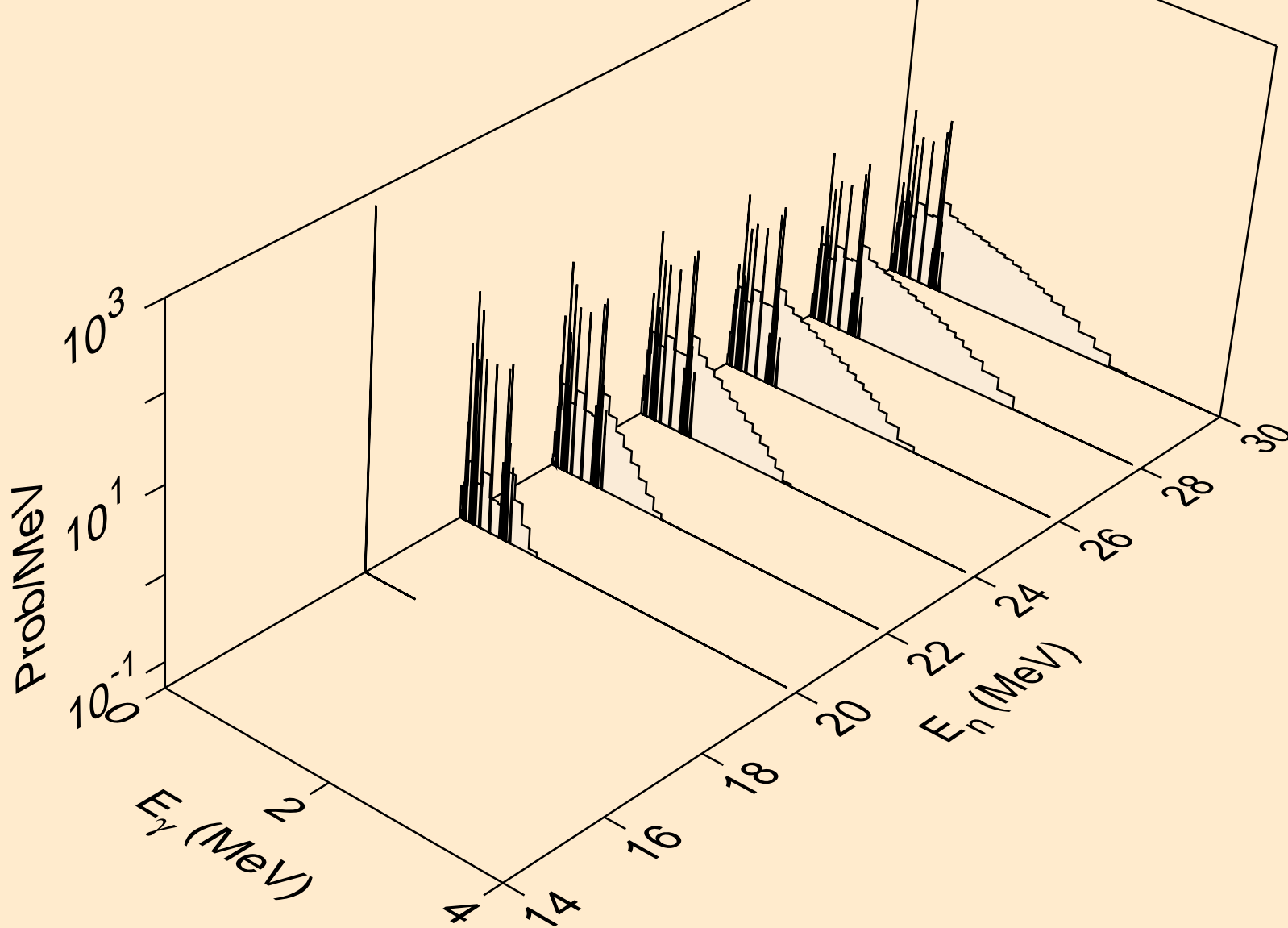


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Photon emission for (n,a)

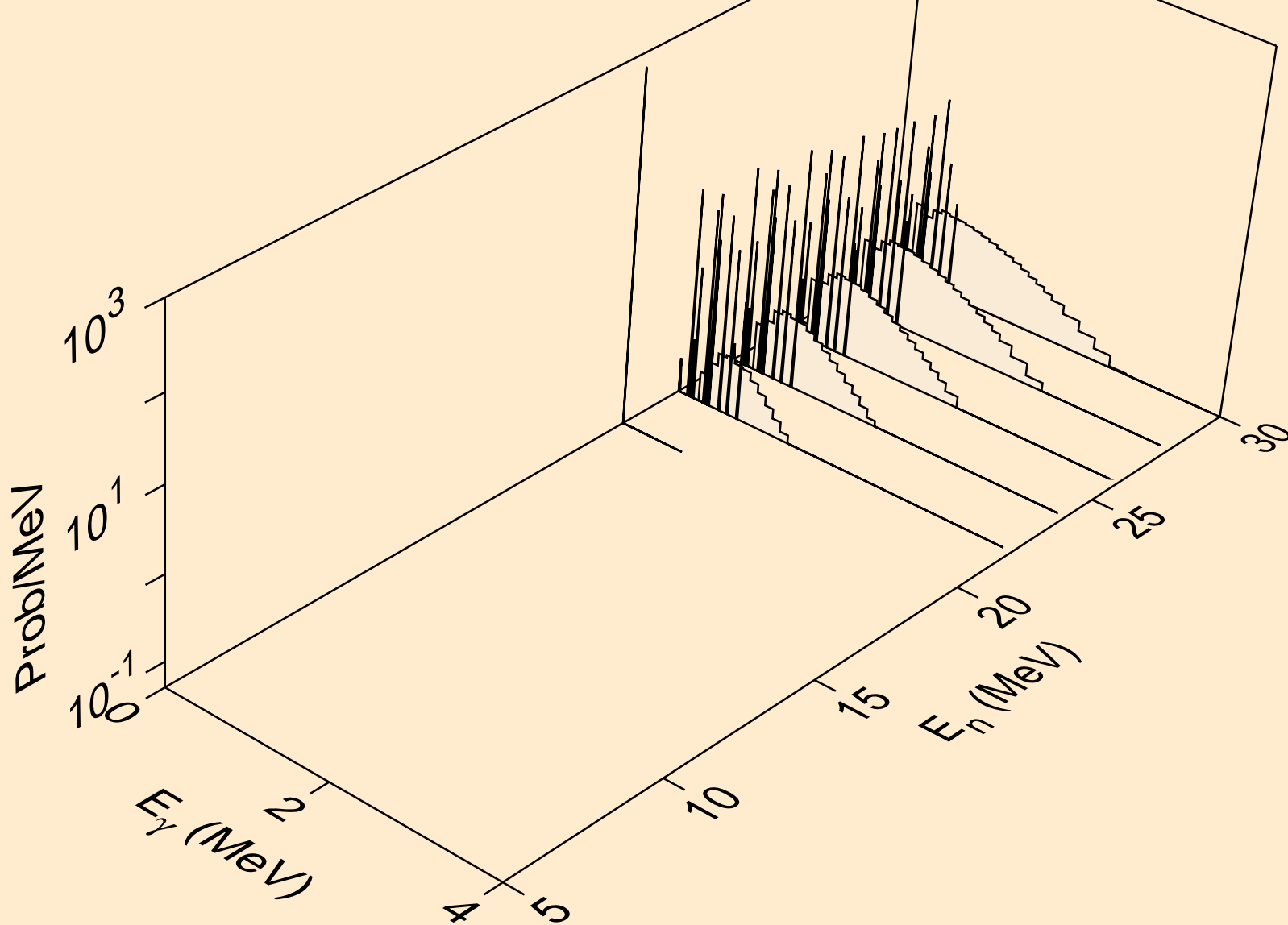




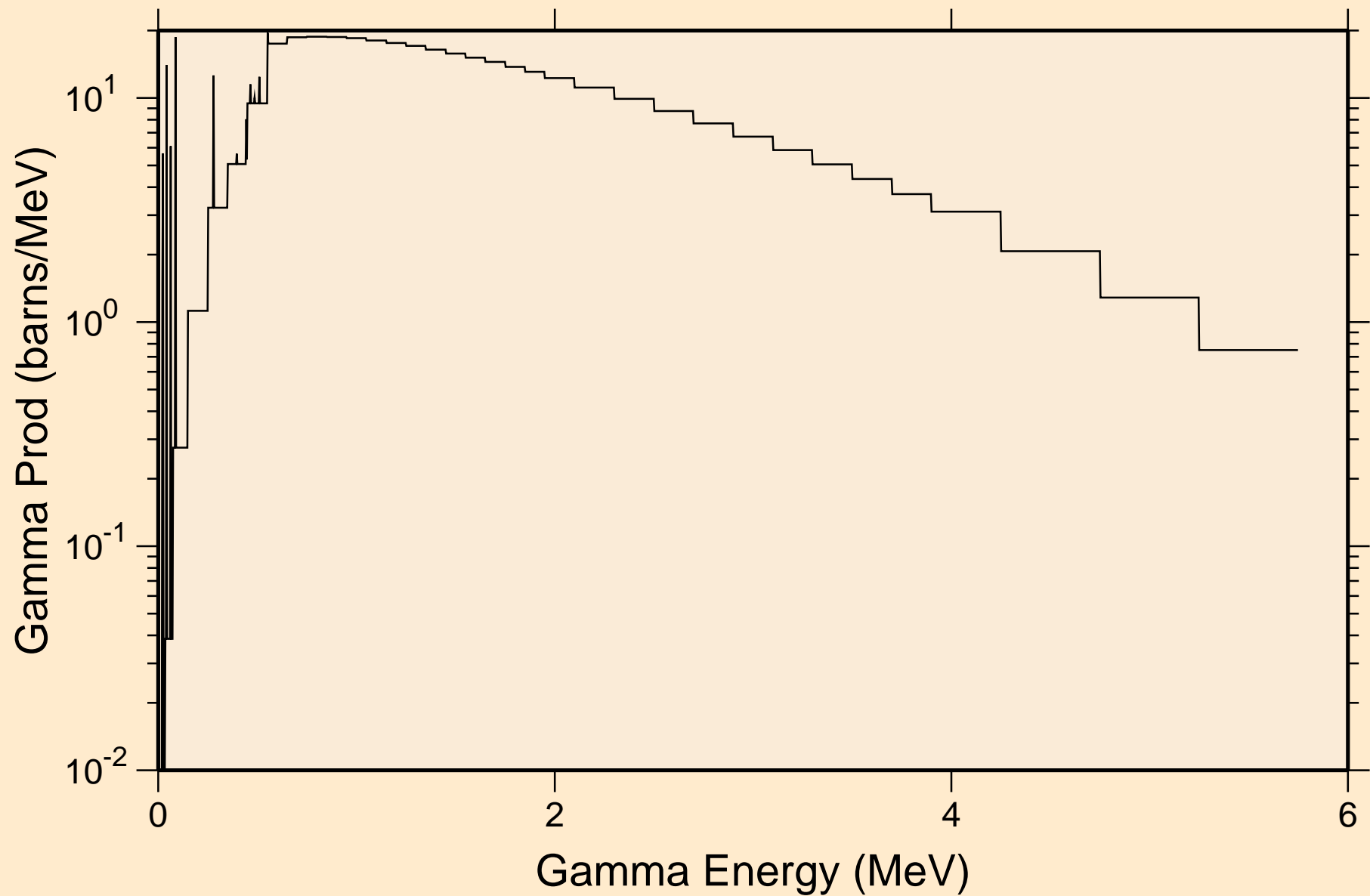
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Photon emission for (n,2p)



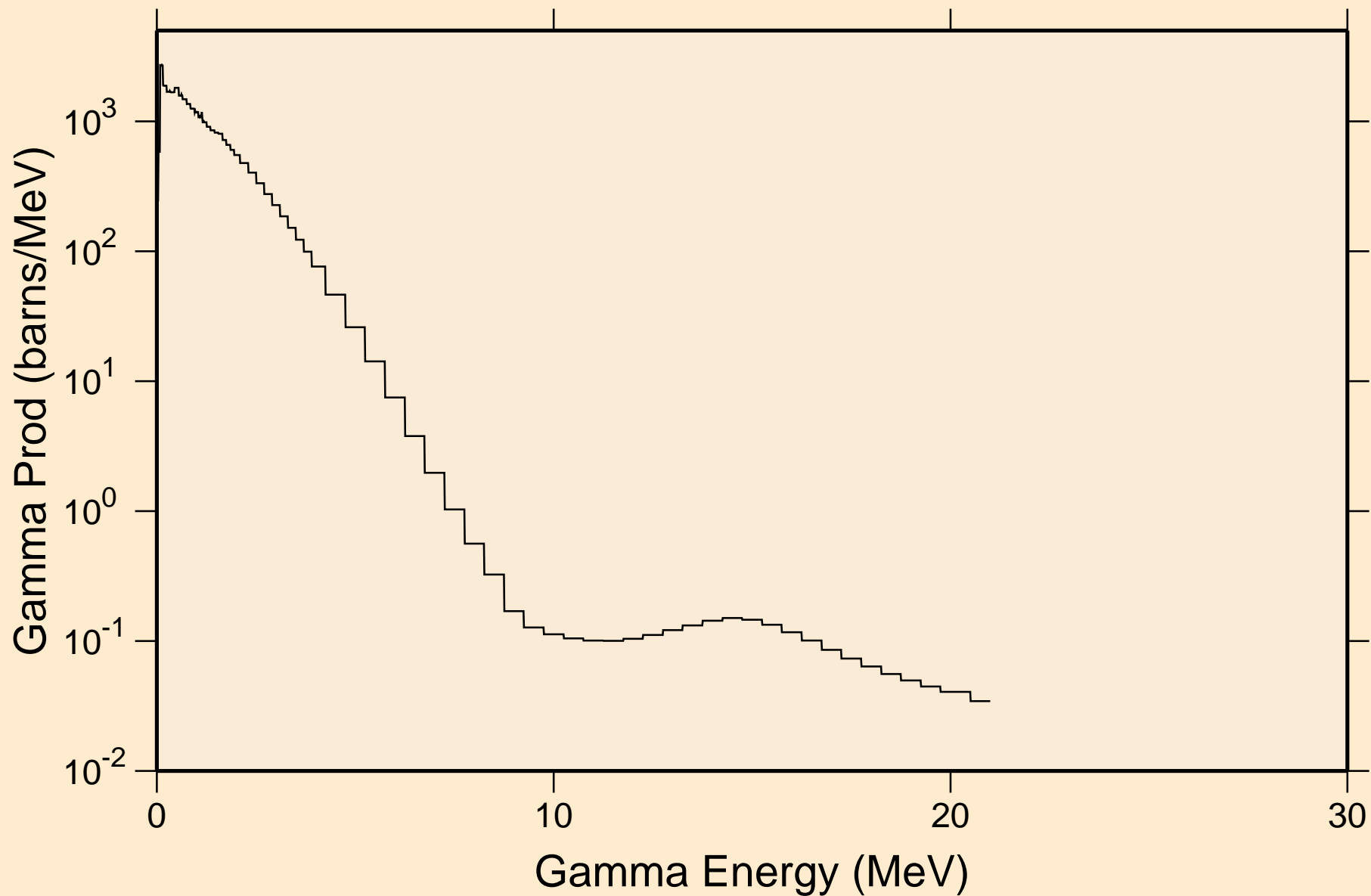
SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

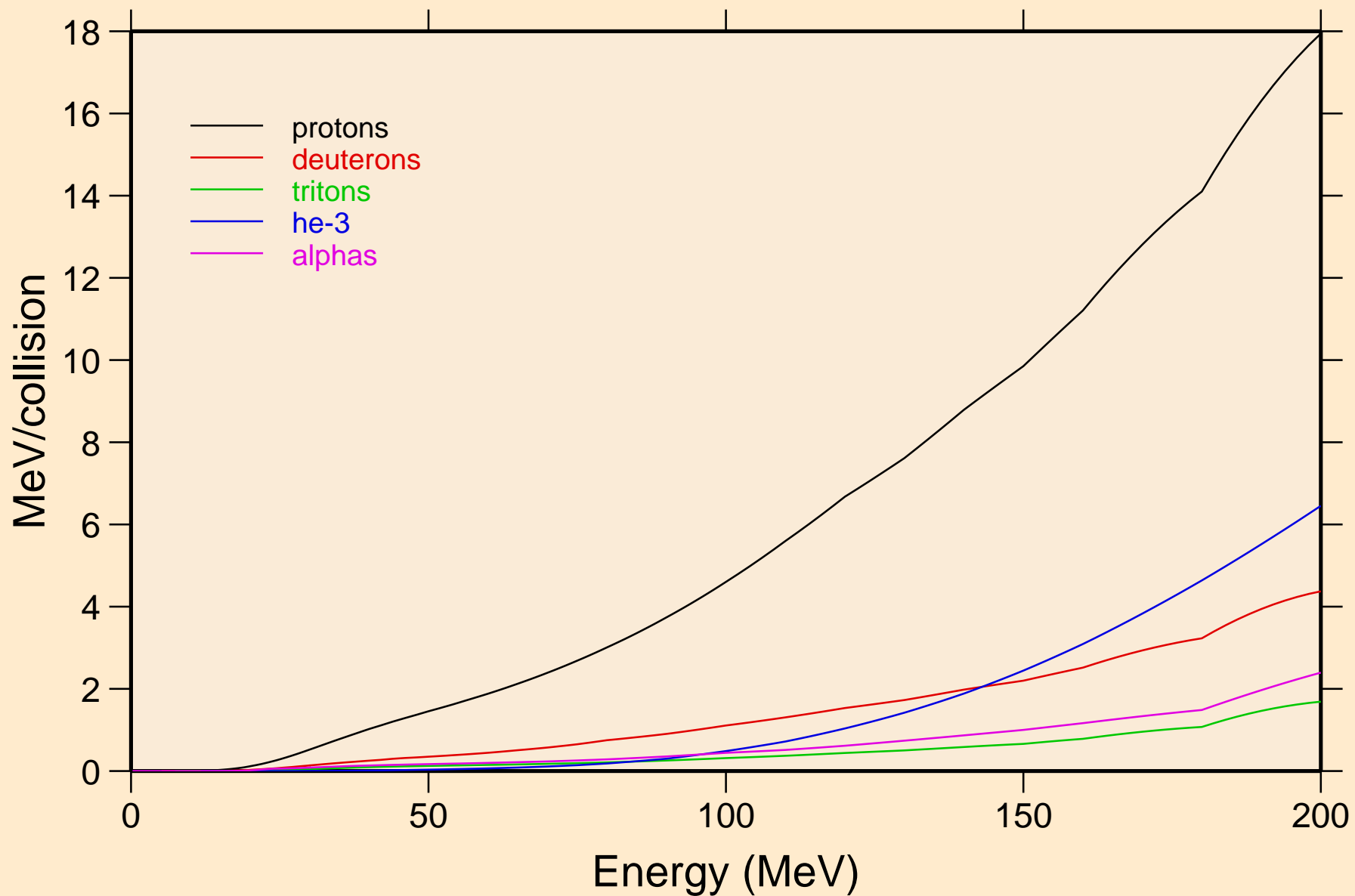


SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

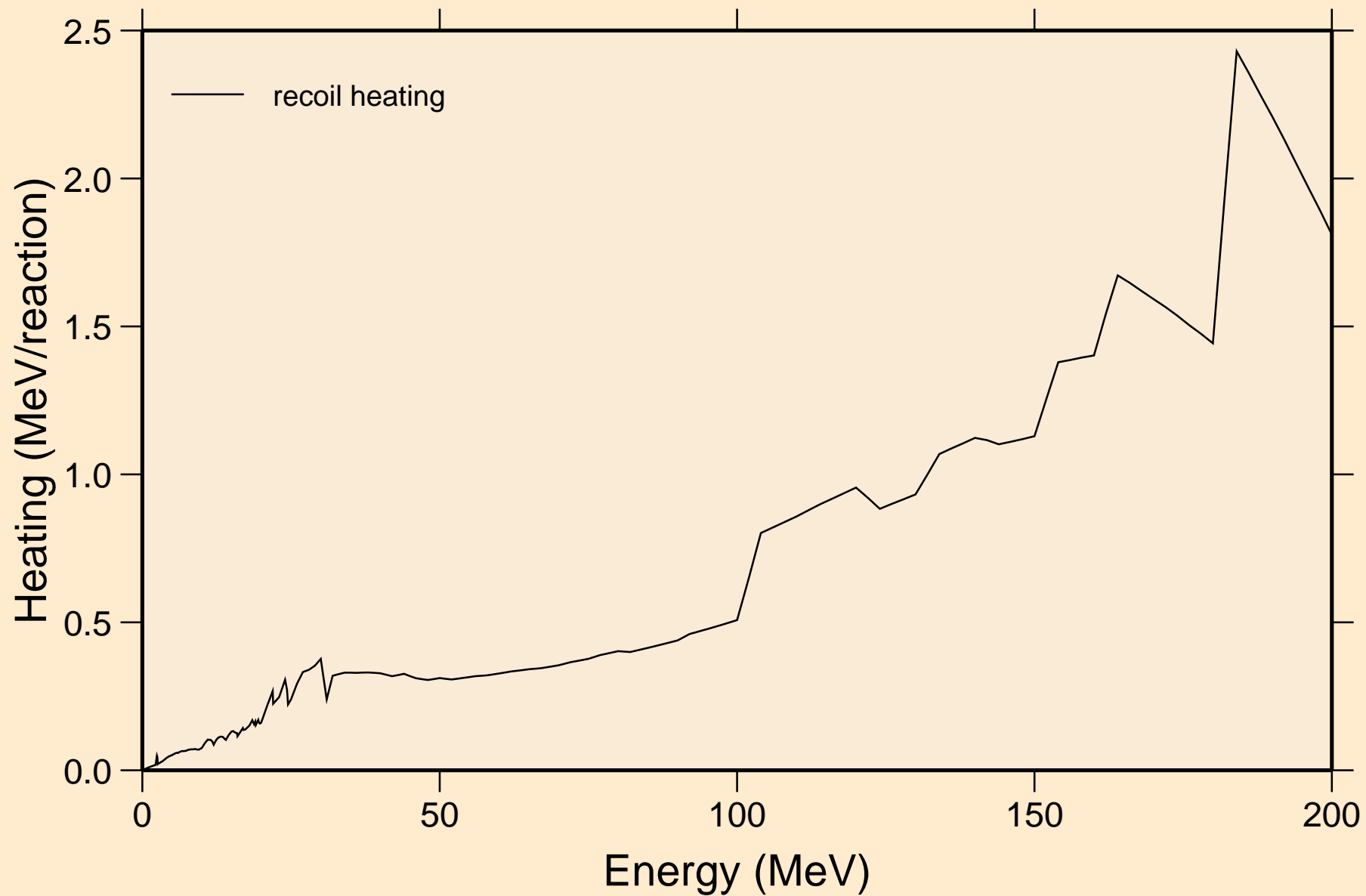


# SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

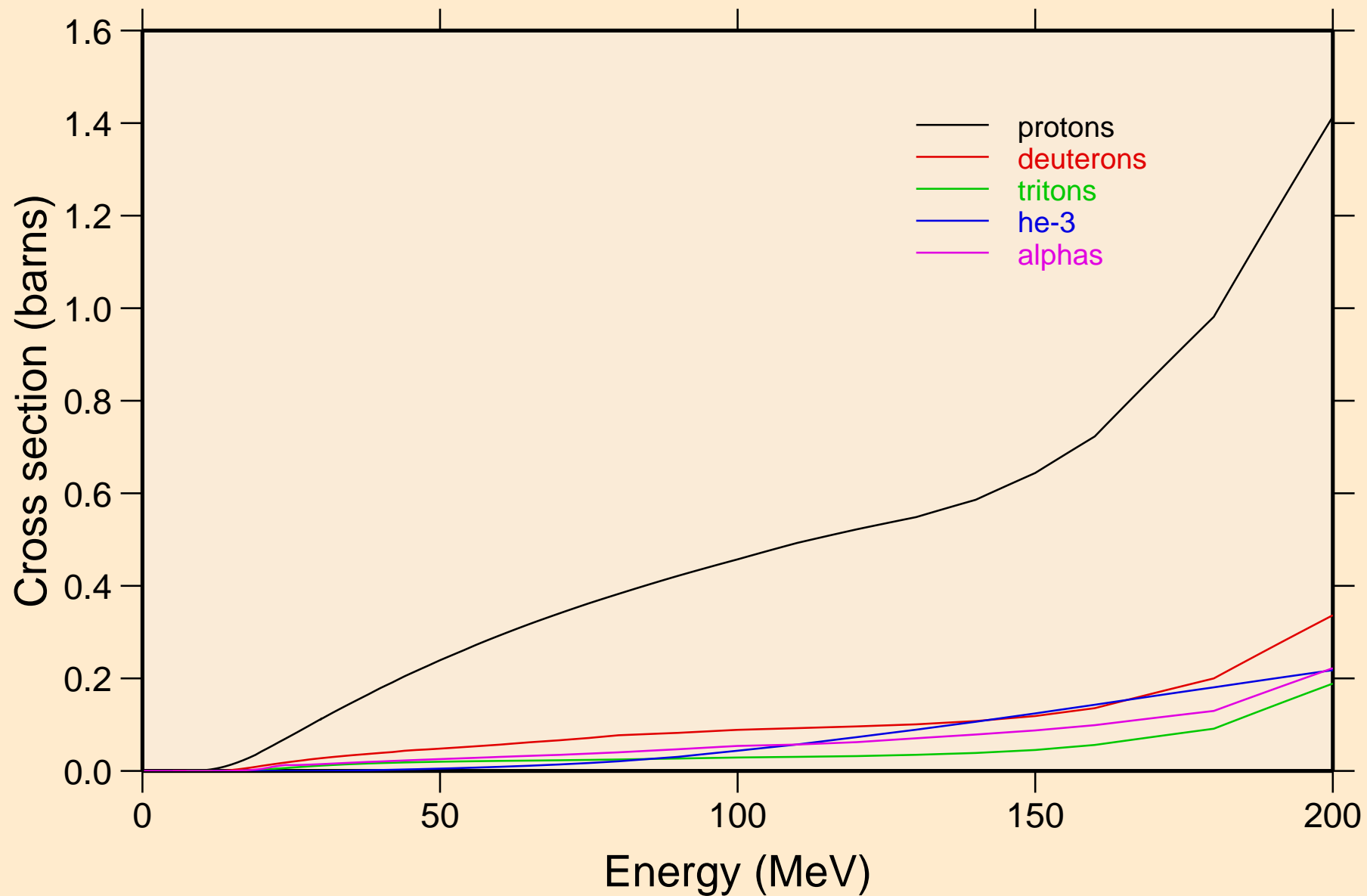
## Particle heating contributions



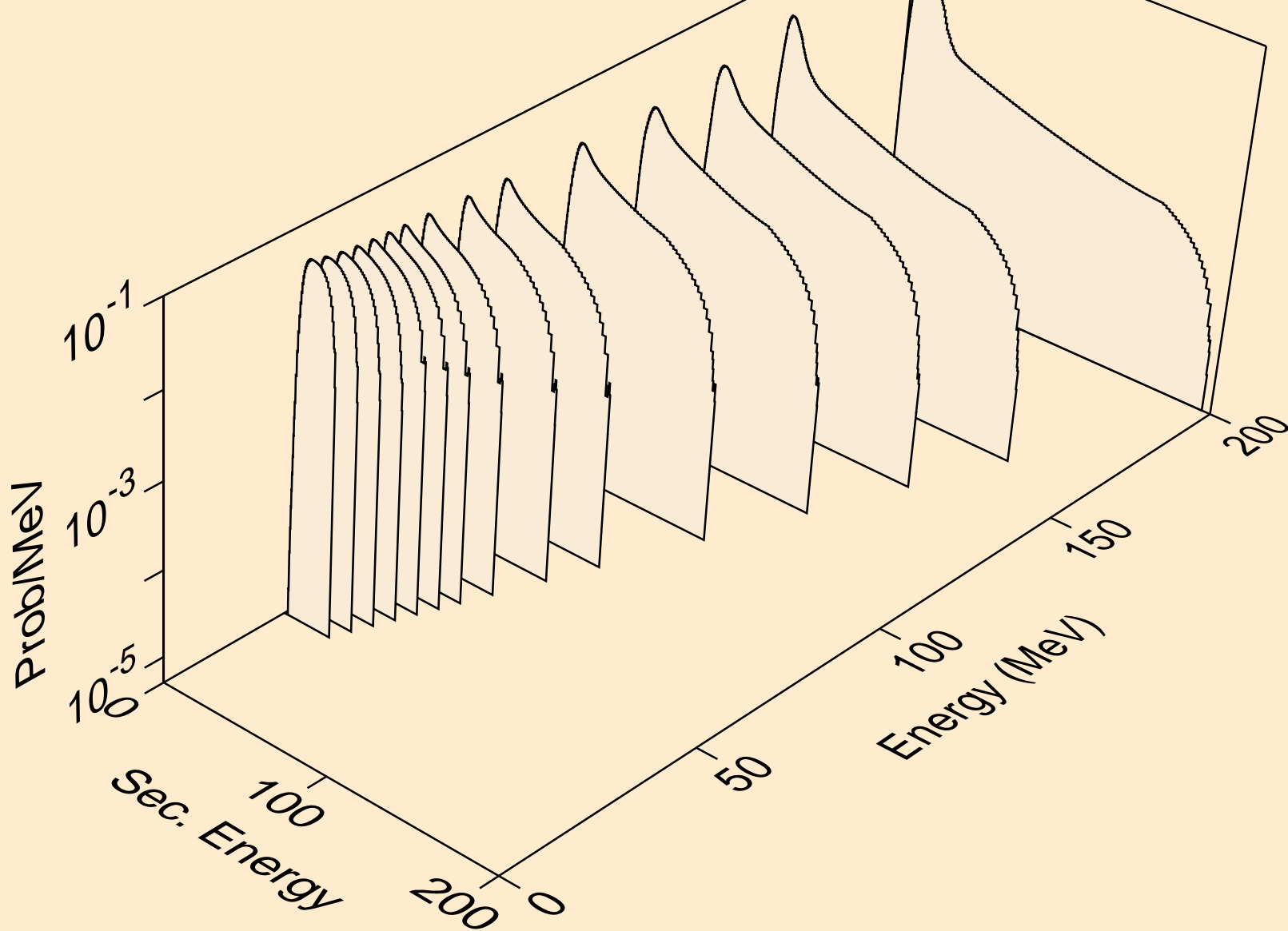
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Recoil Heating



SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections

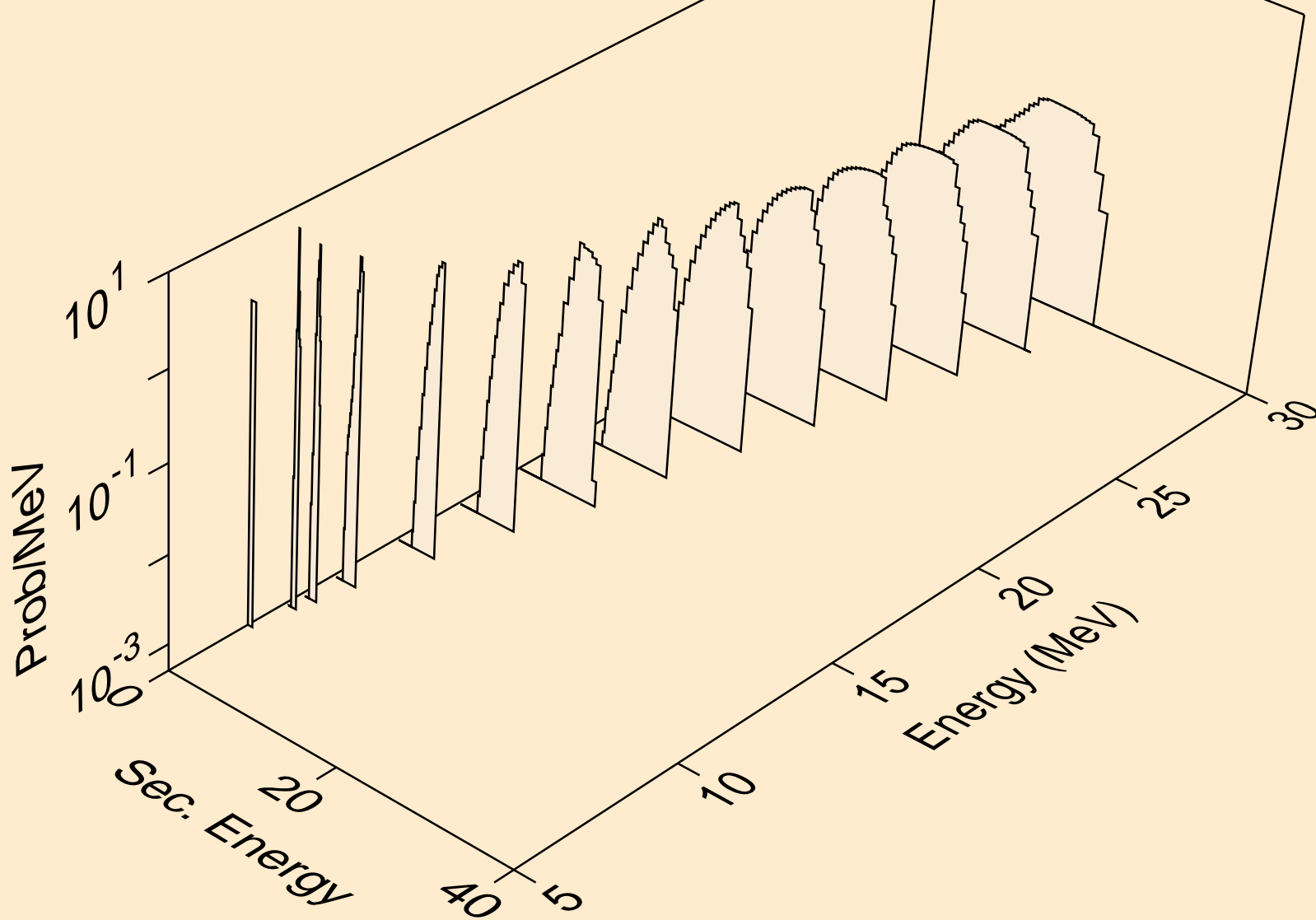


SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)

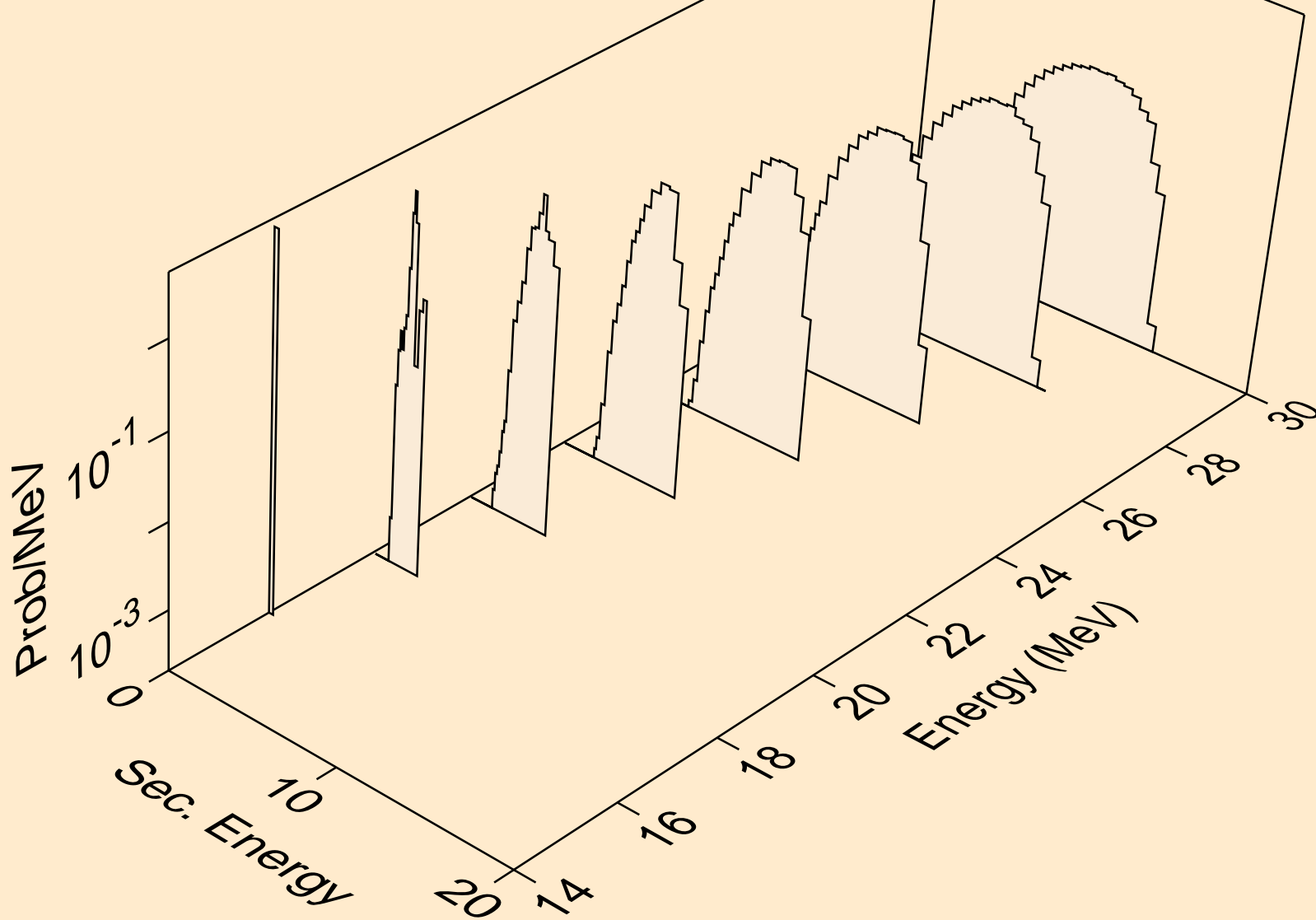




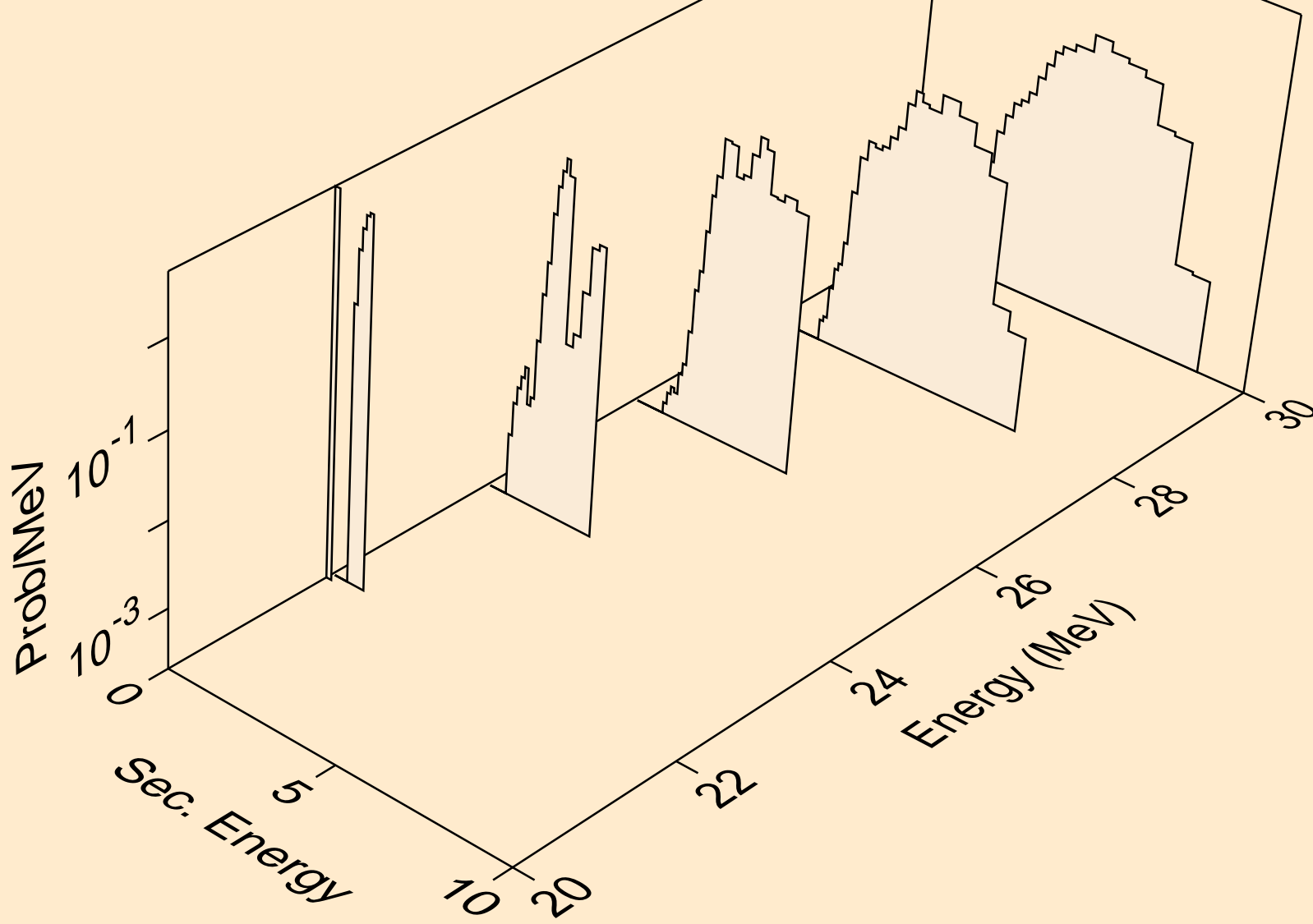
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protons from (n,n\*)p



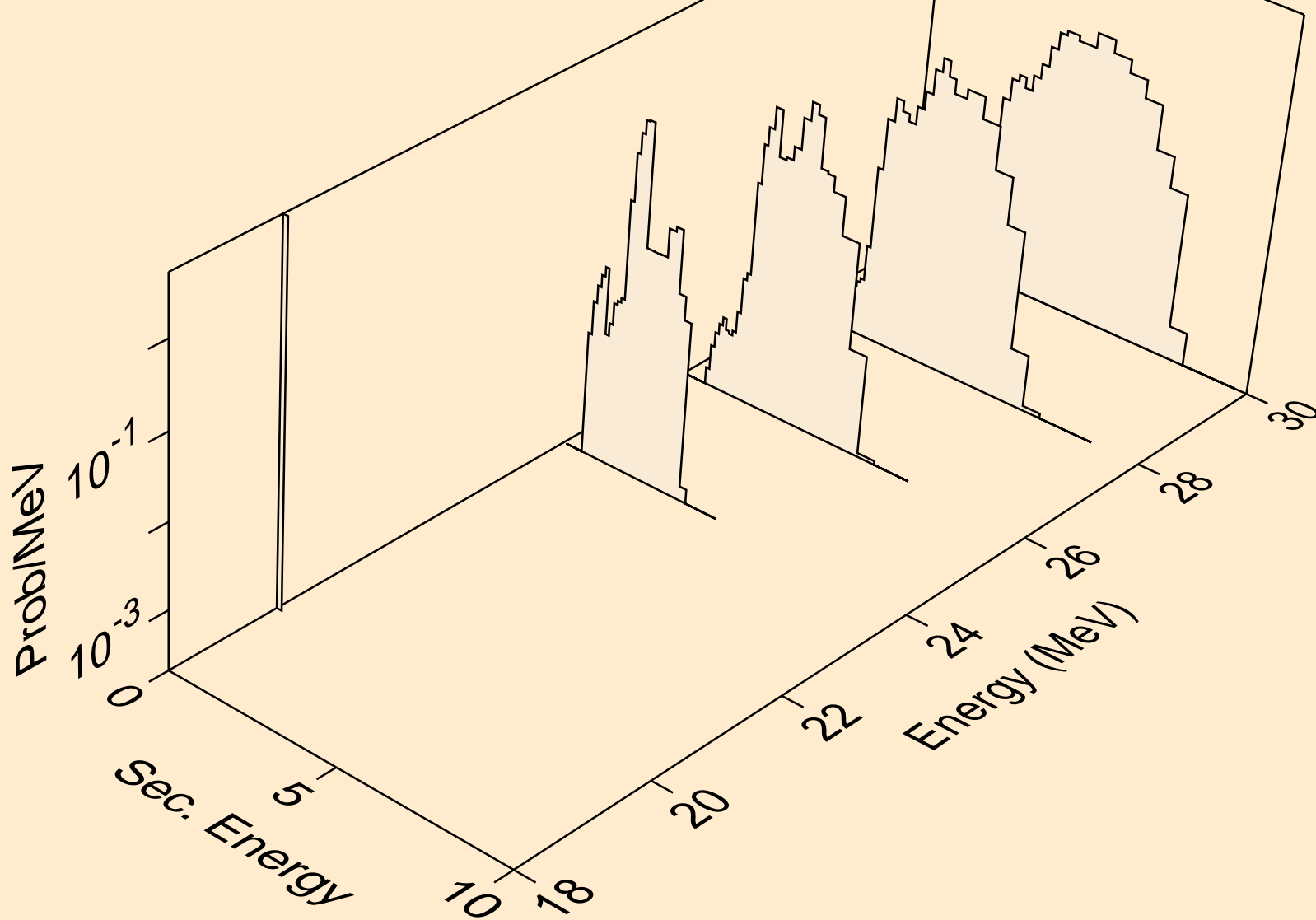
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protons from (n,2np)



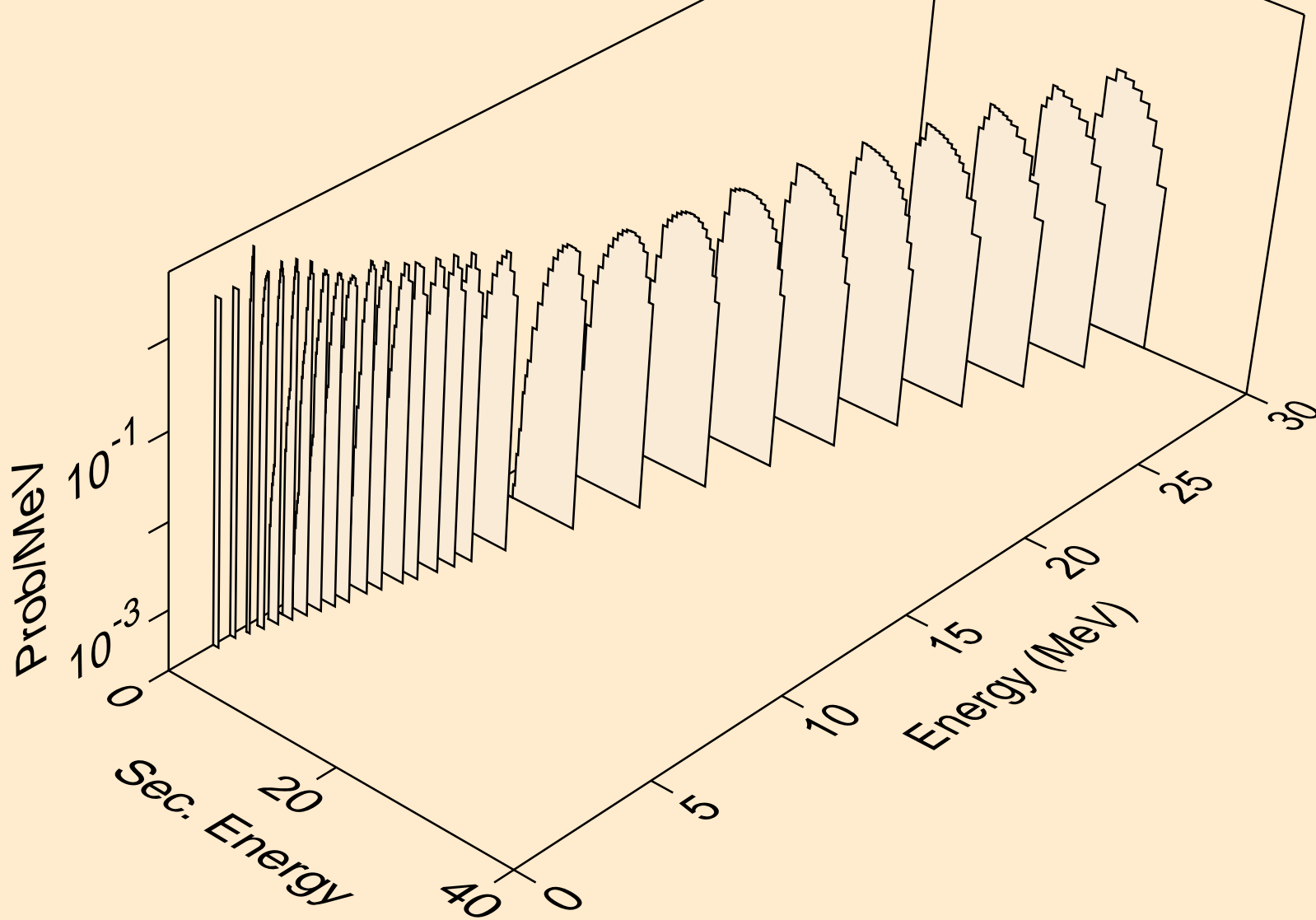
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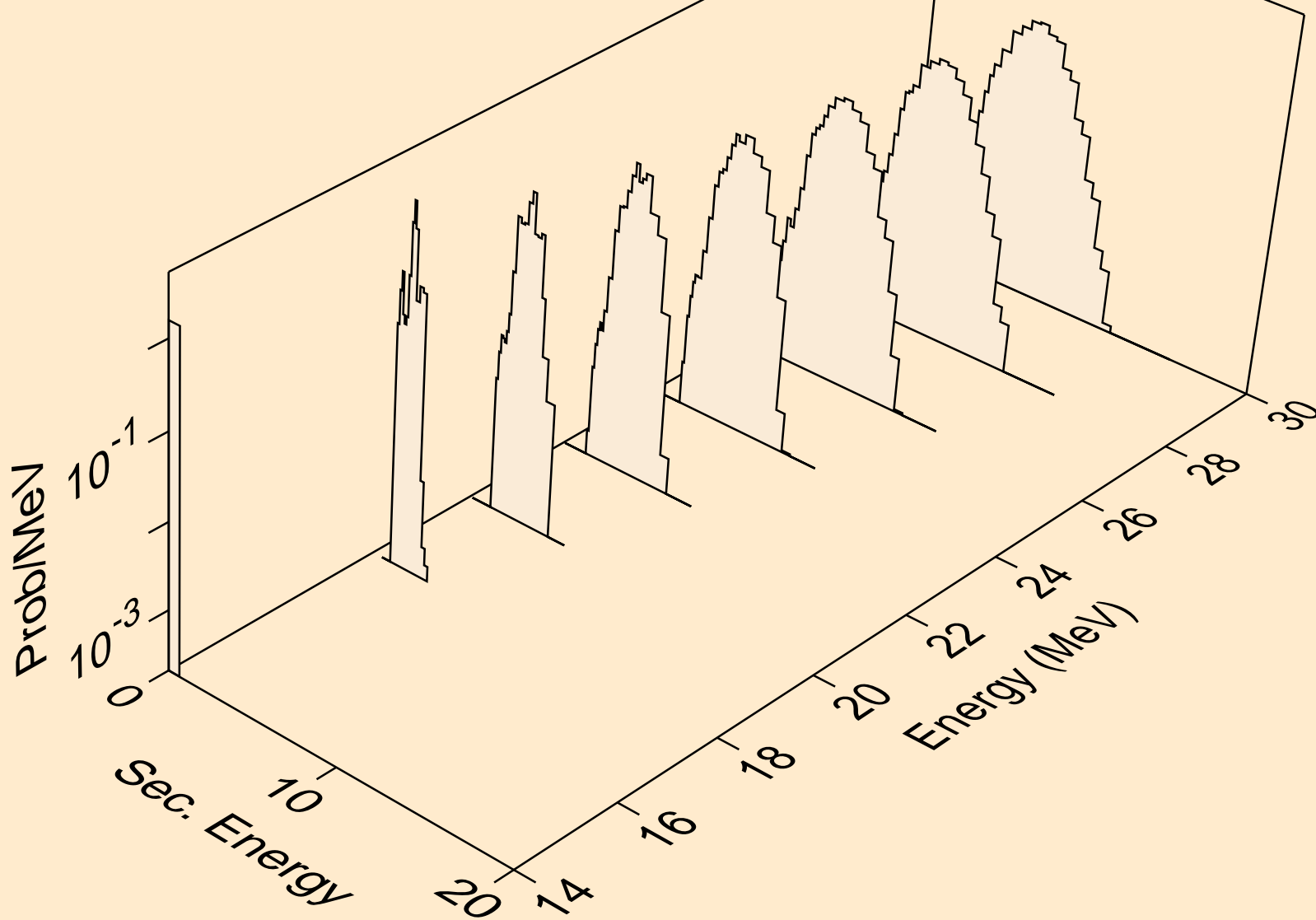
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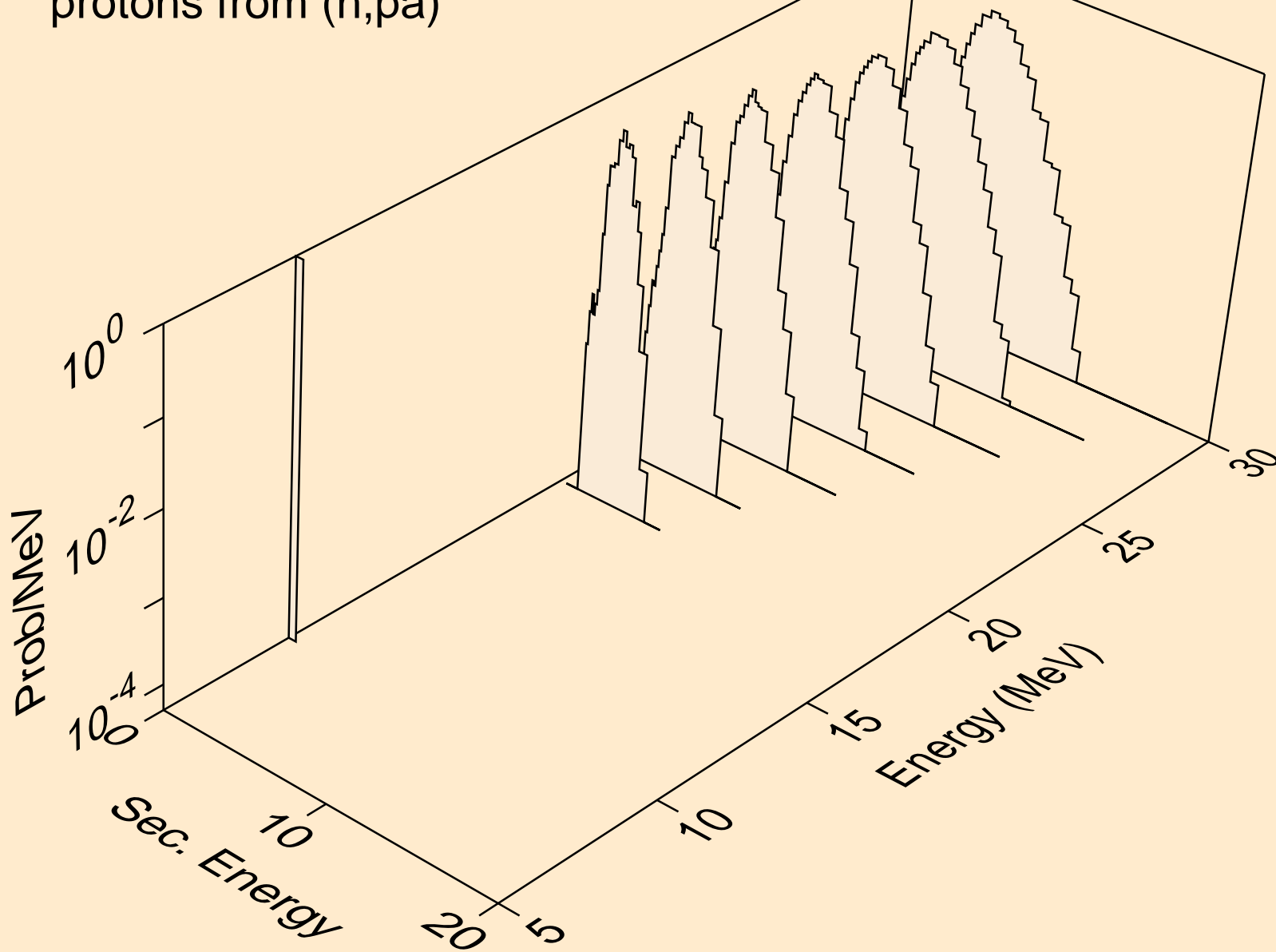
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protons from (n,p)



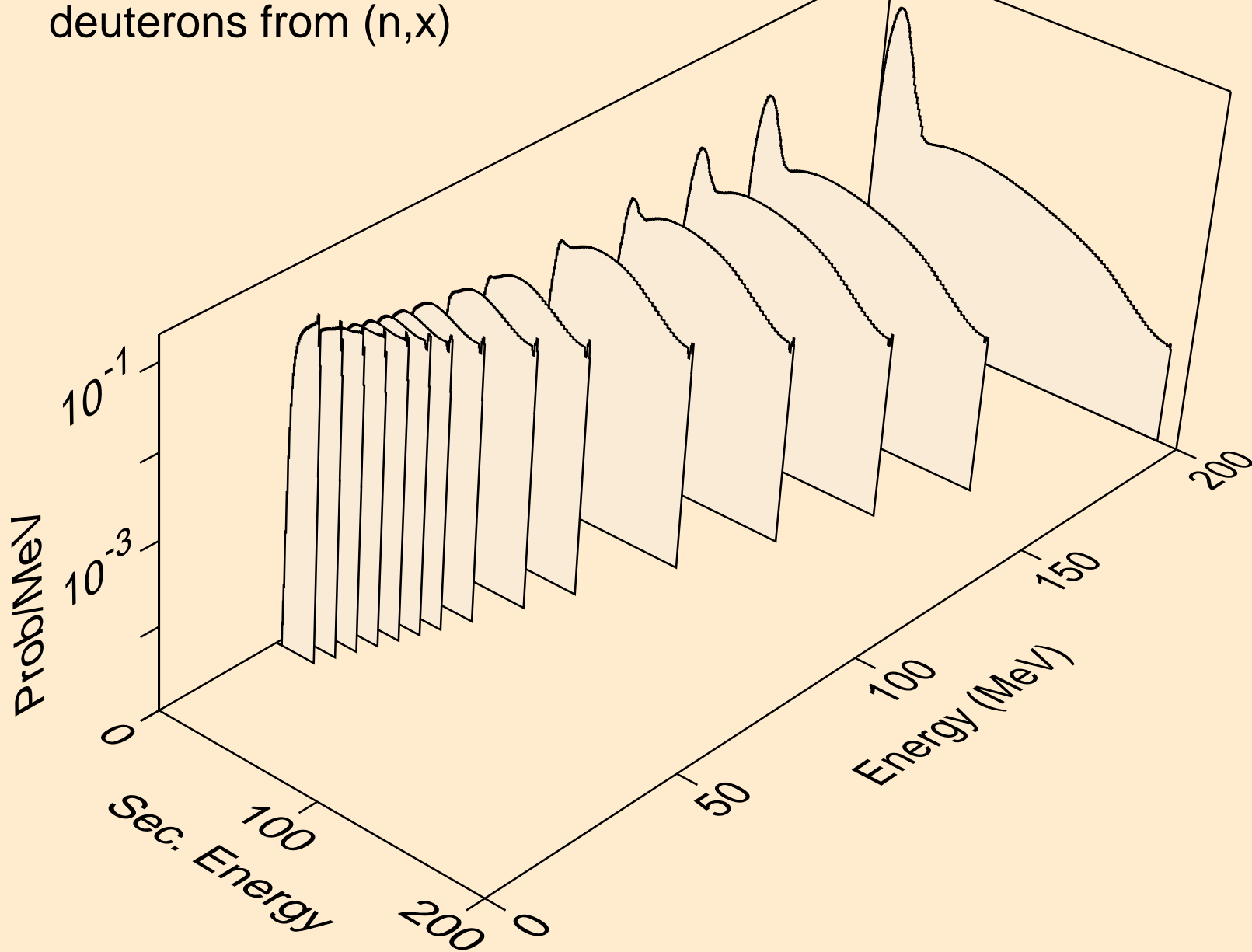
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SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pa)

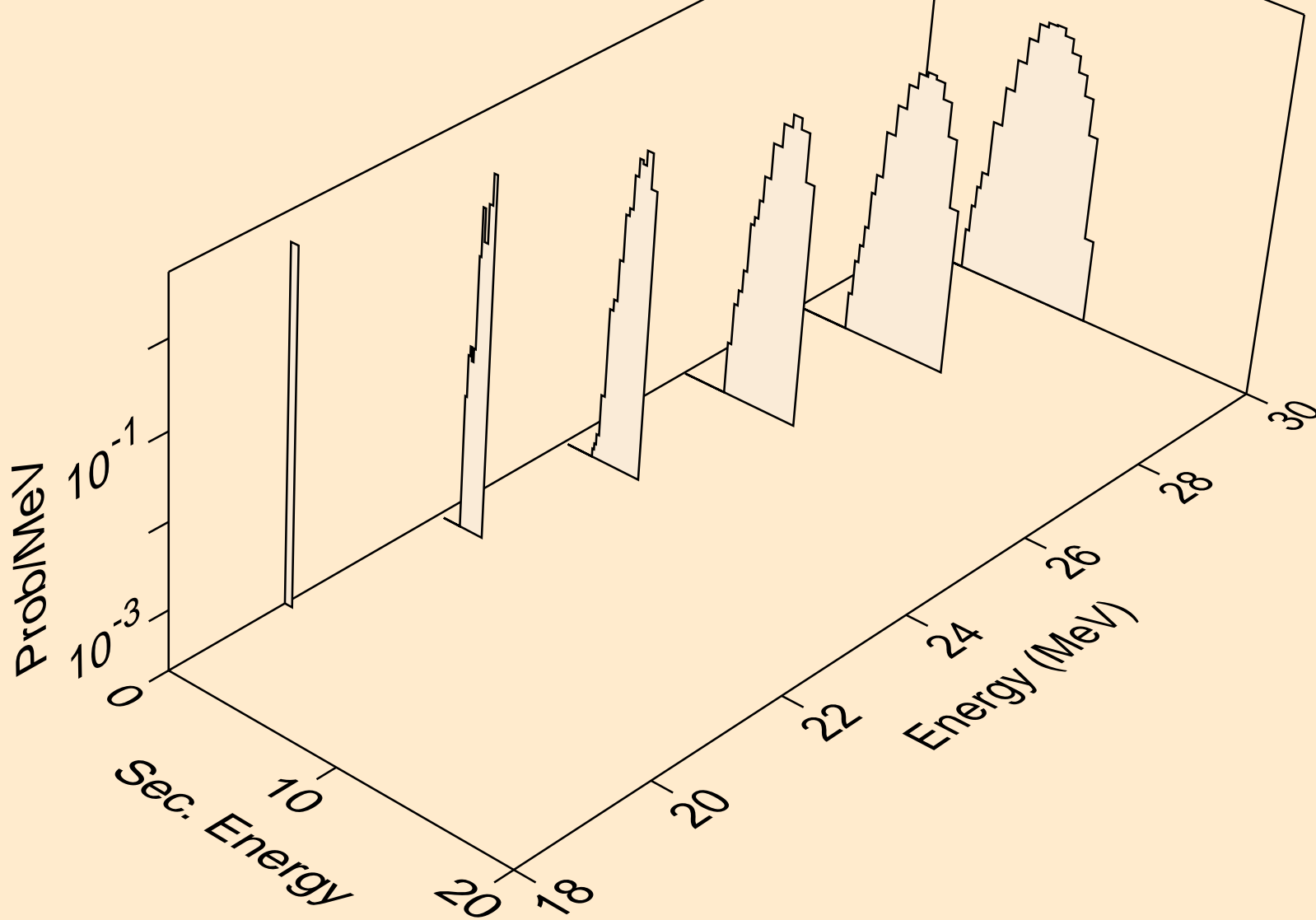


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deuterons from (n,x)

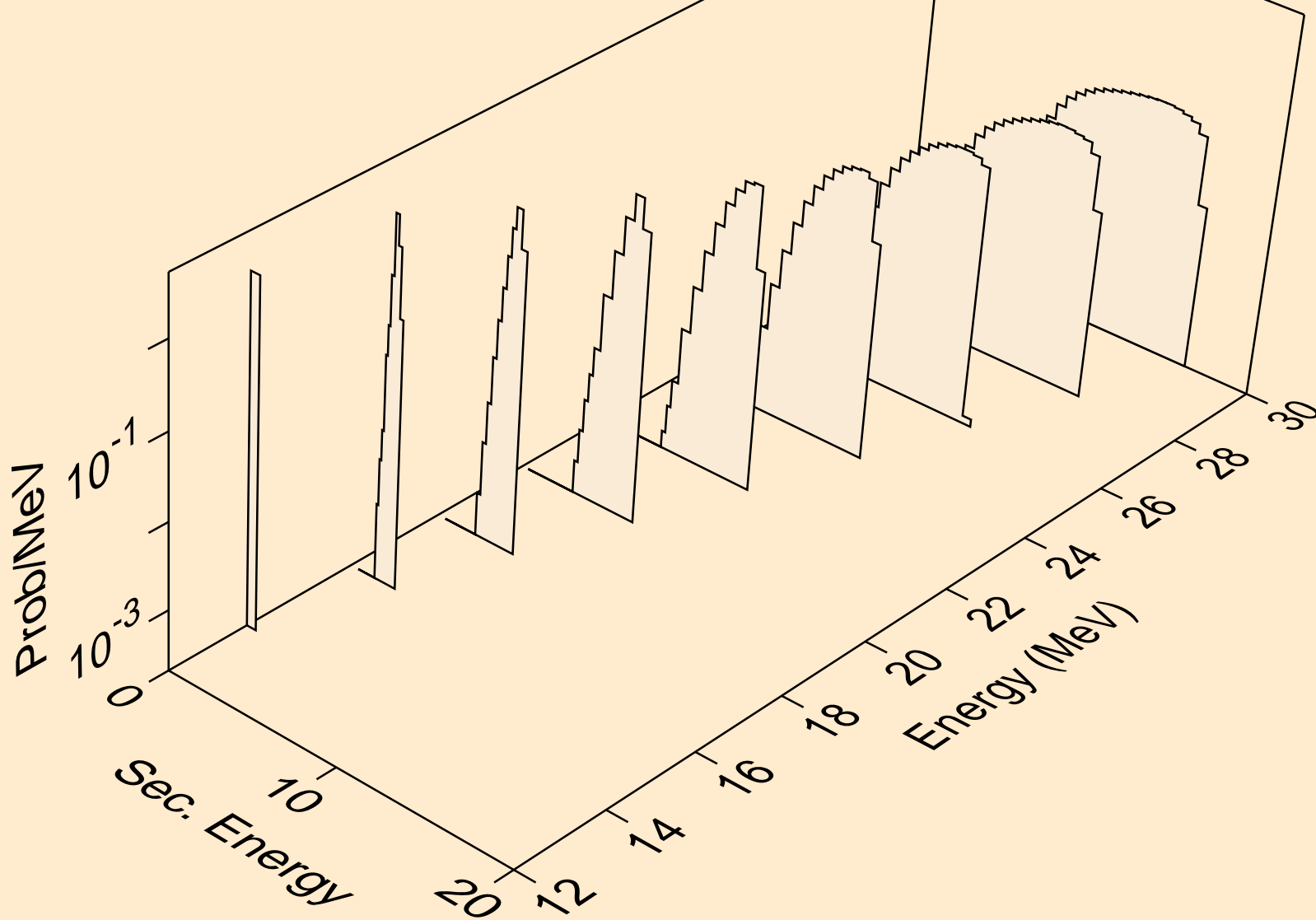




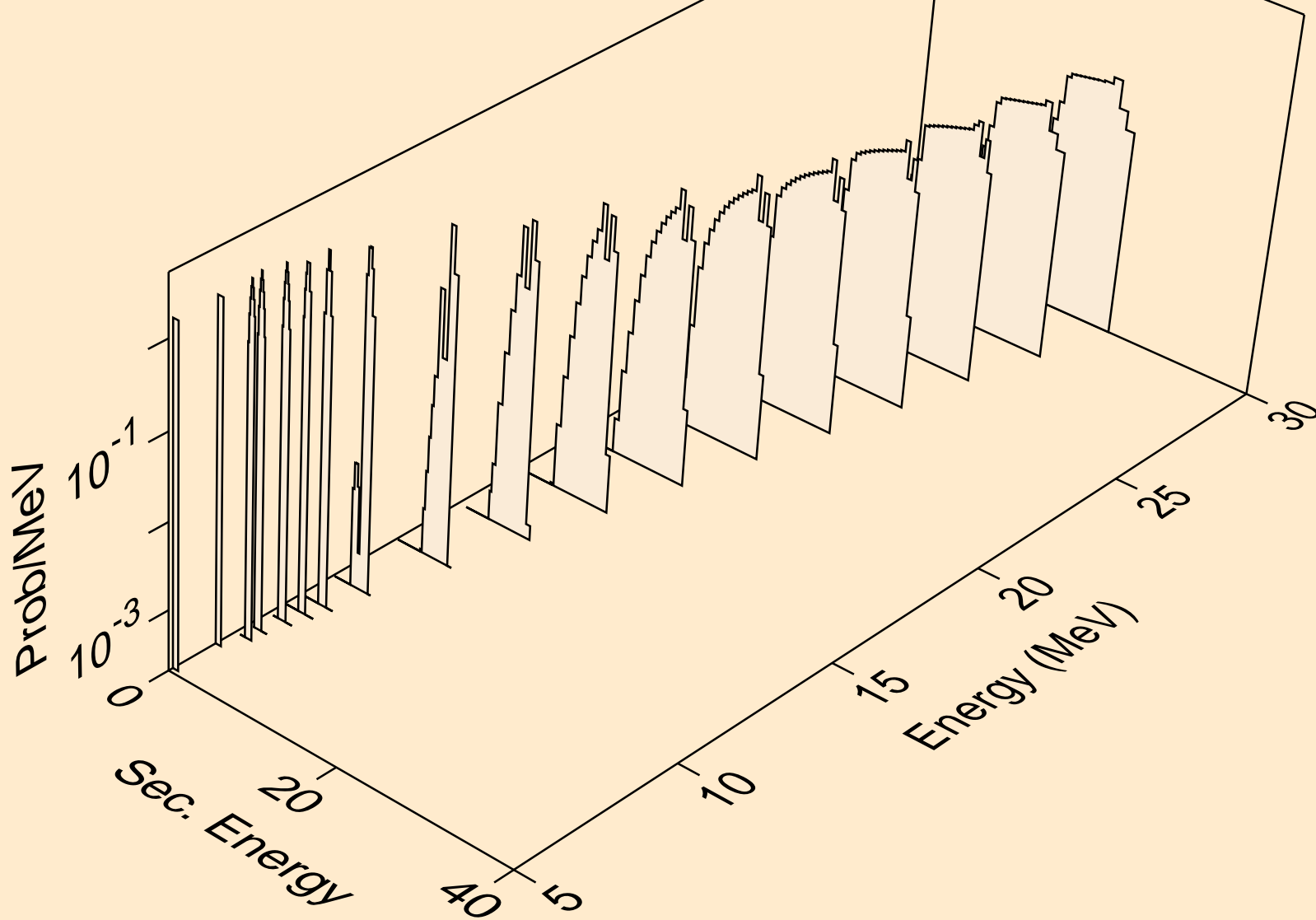
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deuterons from (n,2nd)



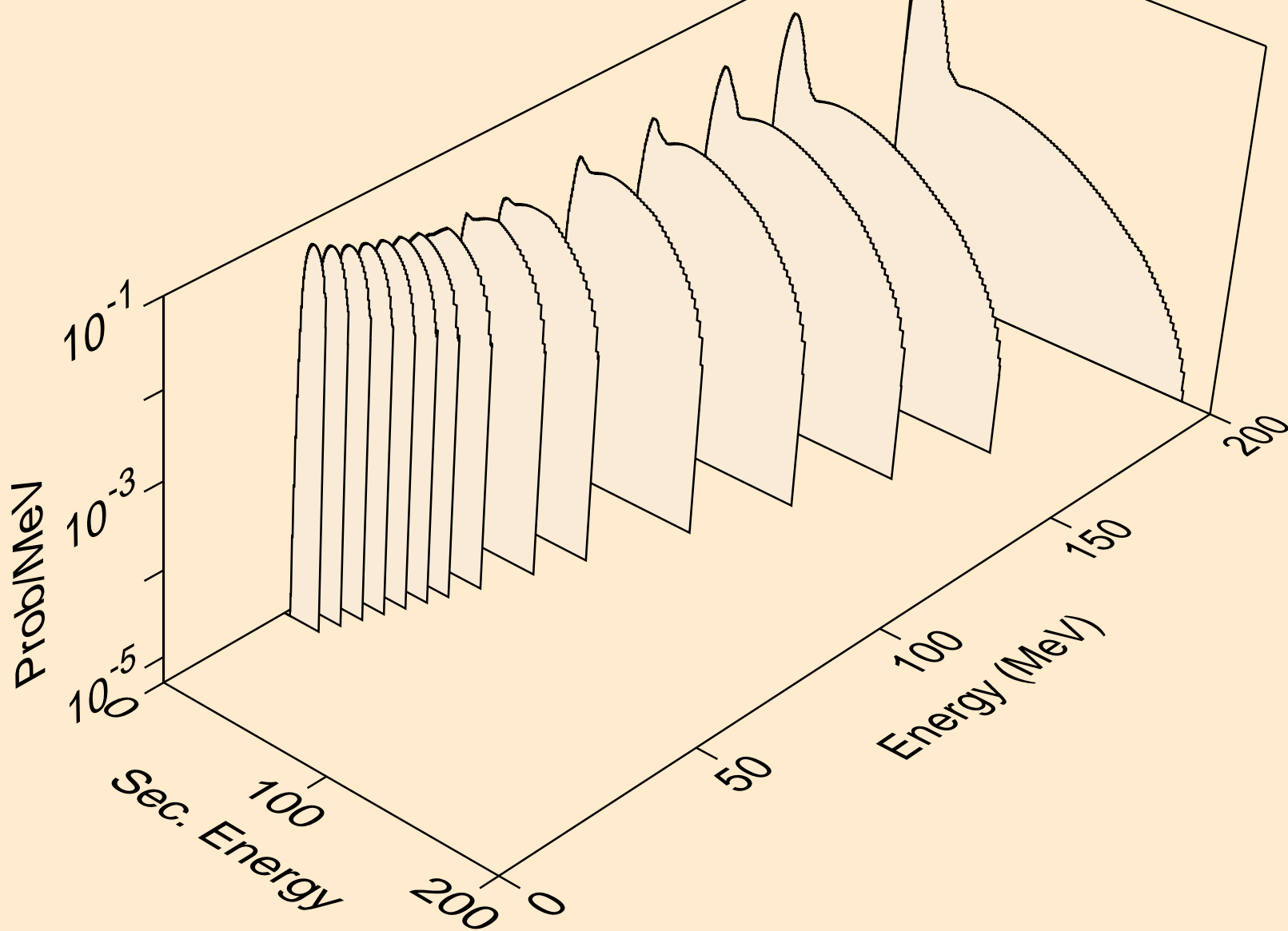
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deuterons from (n,n\*)d



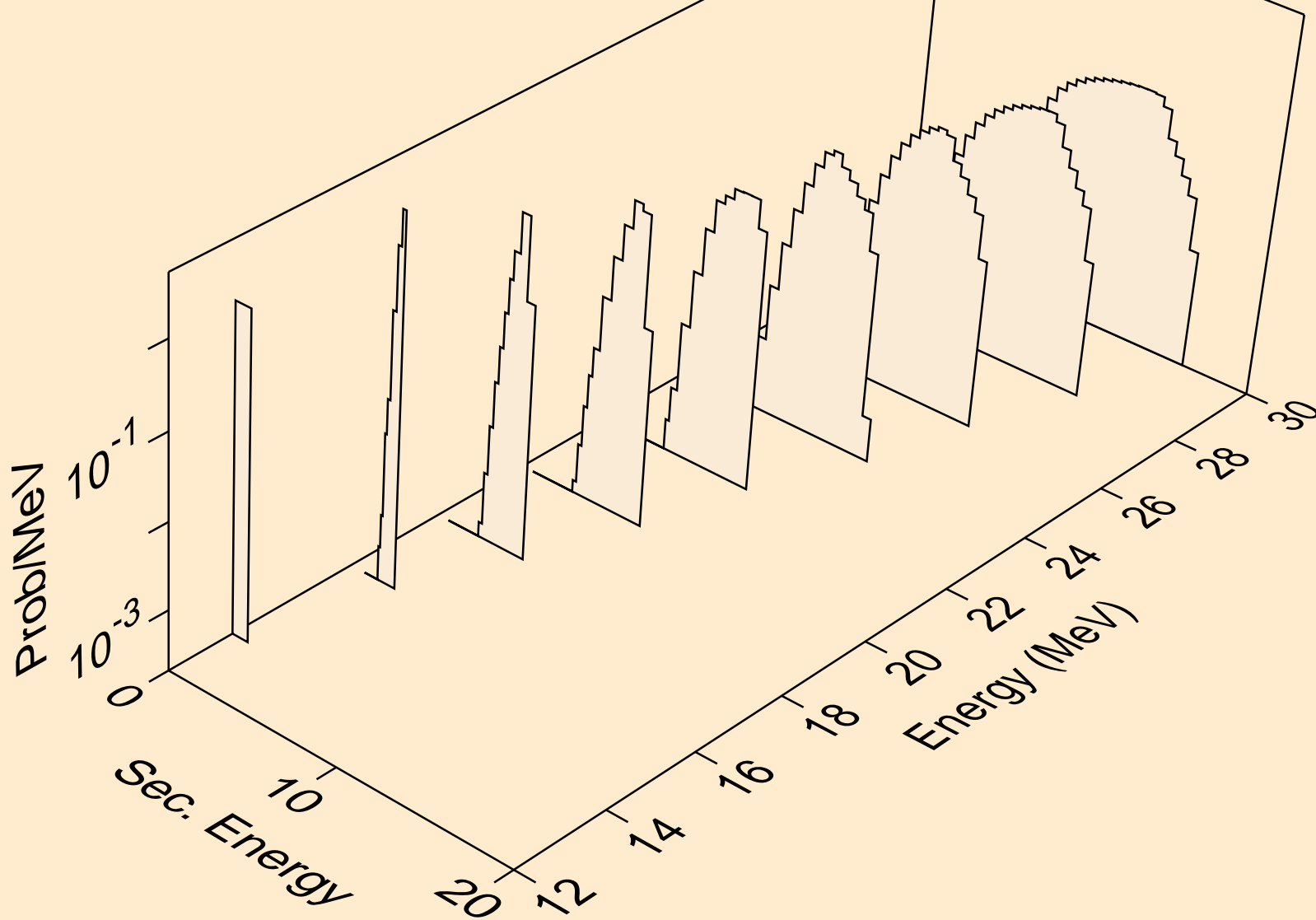
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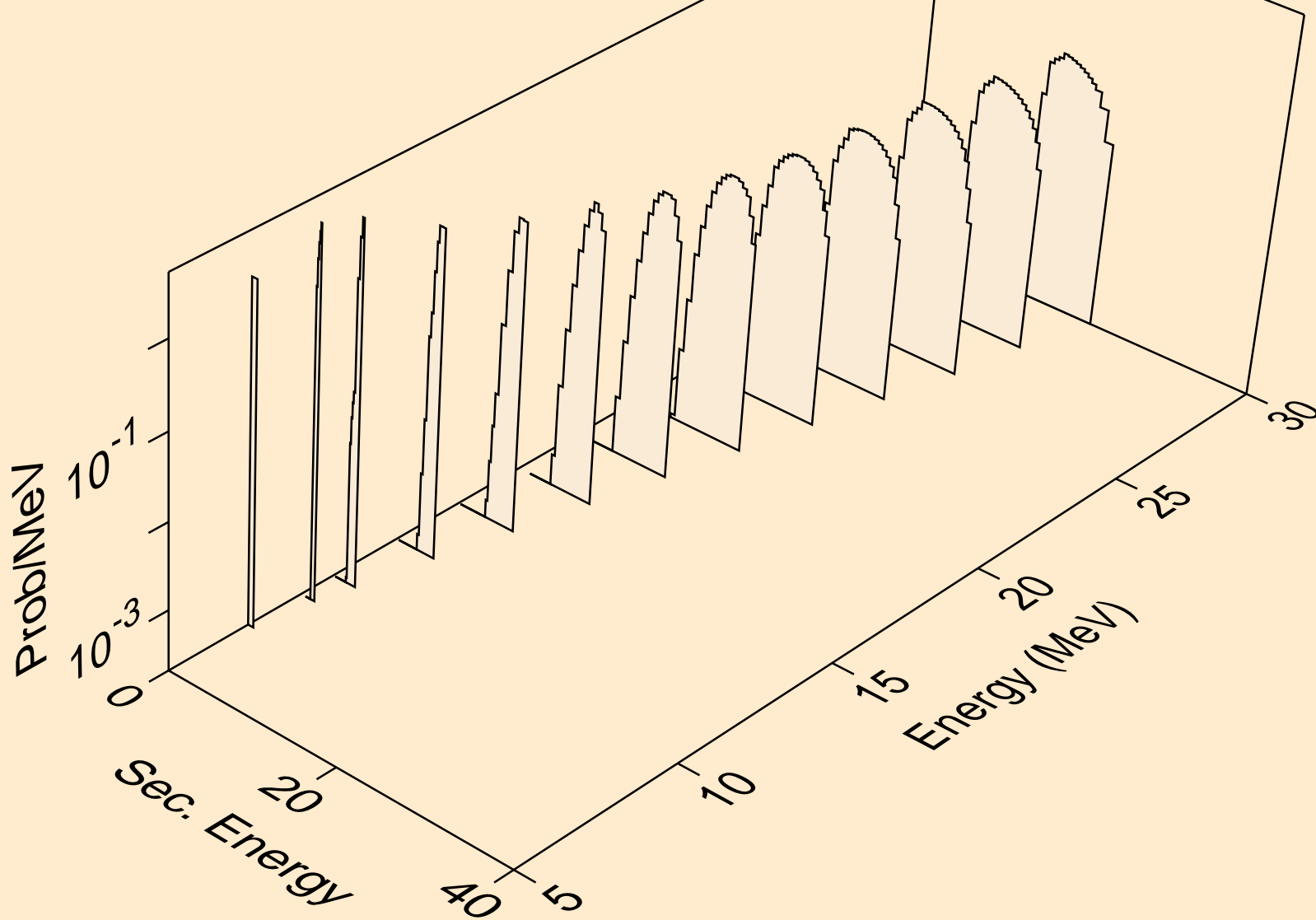
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tritons from (n,x)



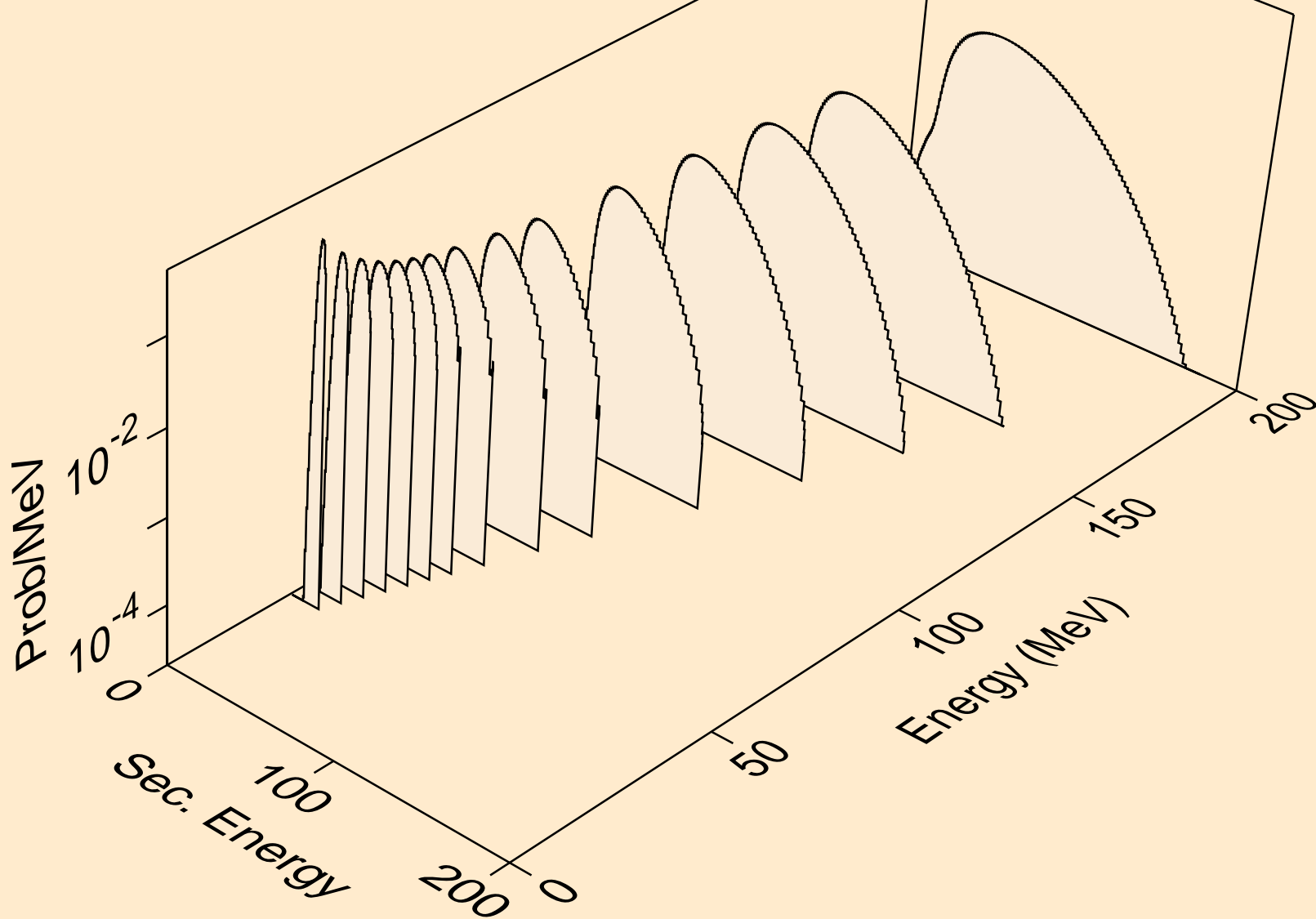
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tritons from (n,n\*)t



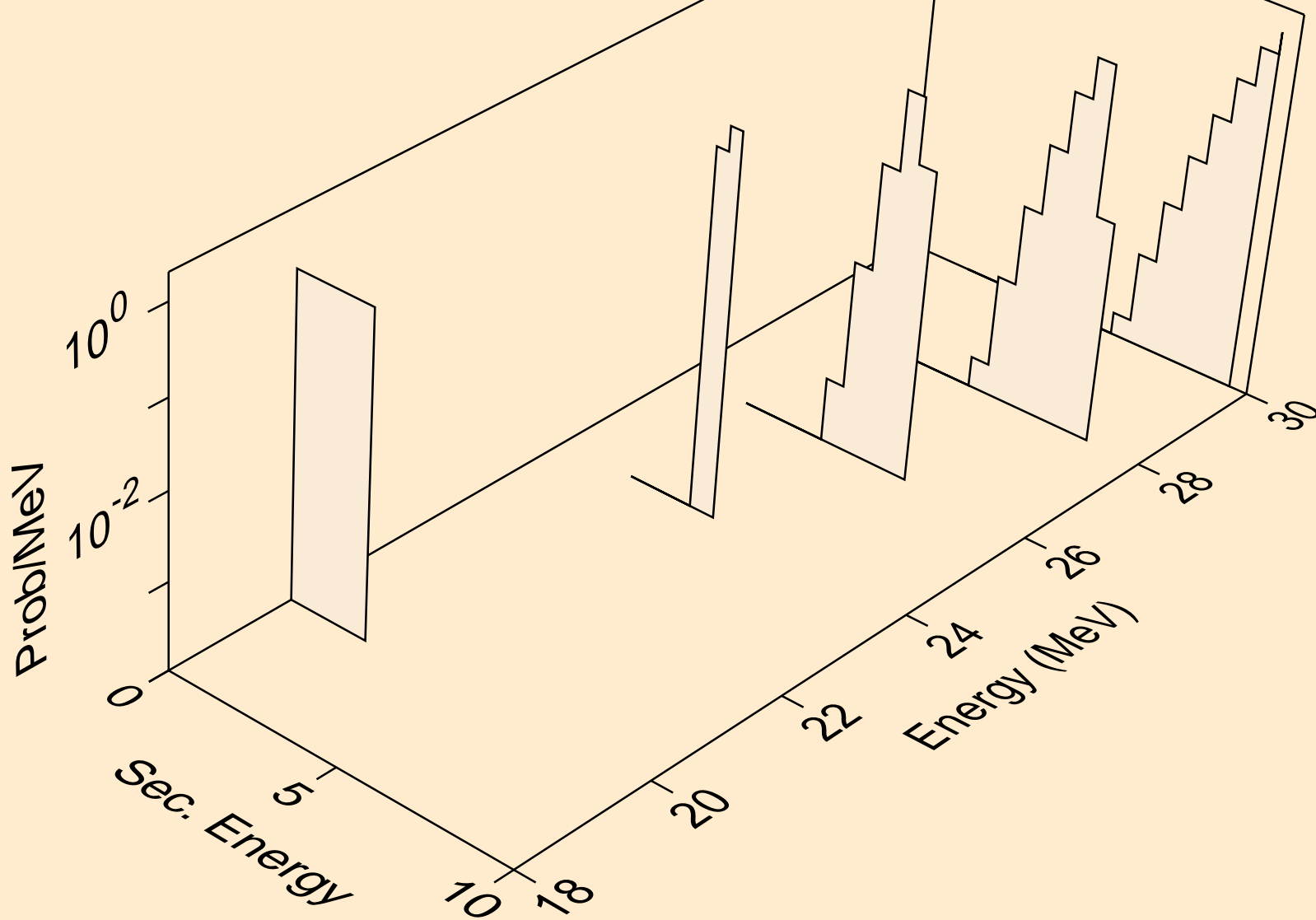
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tritons from (n,t)



SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)

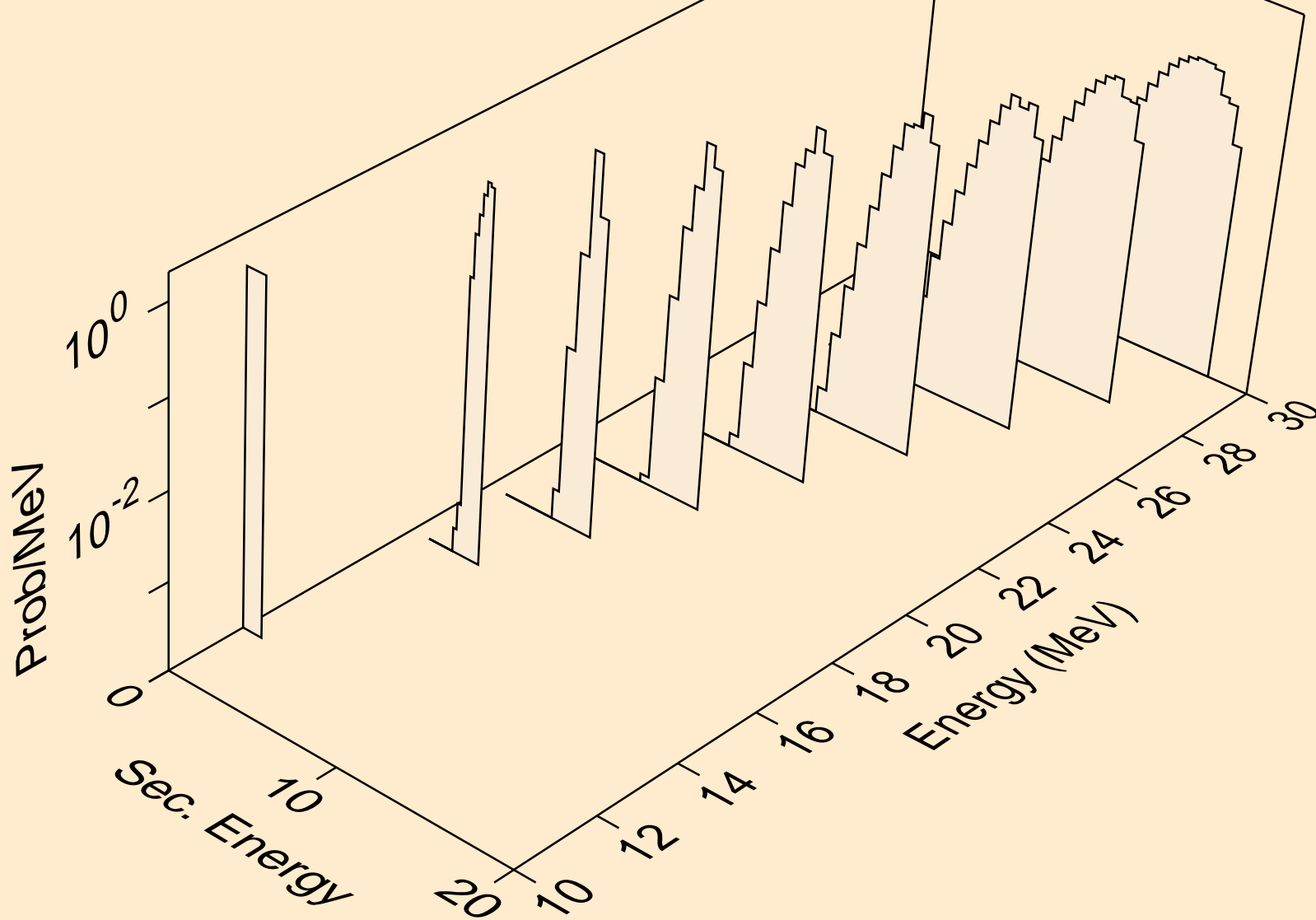


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he3s from (n,n\*)he3

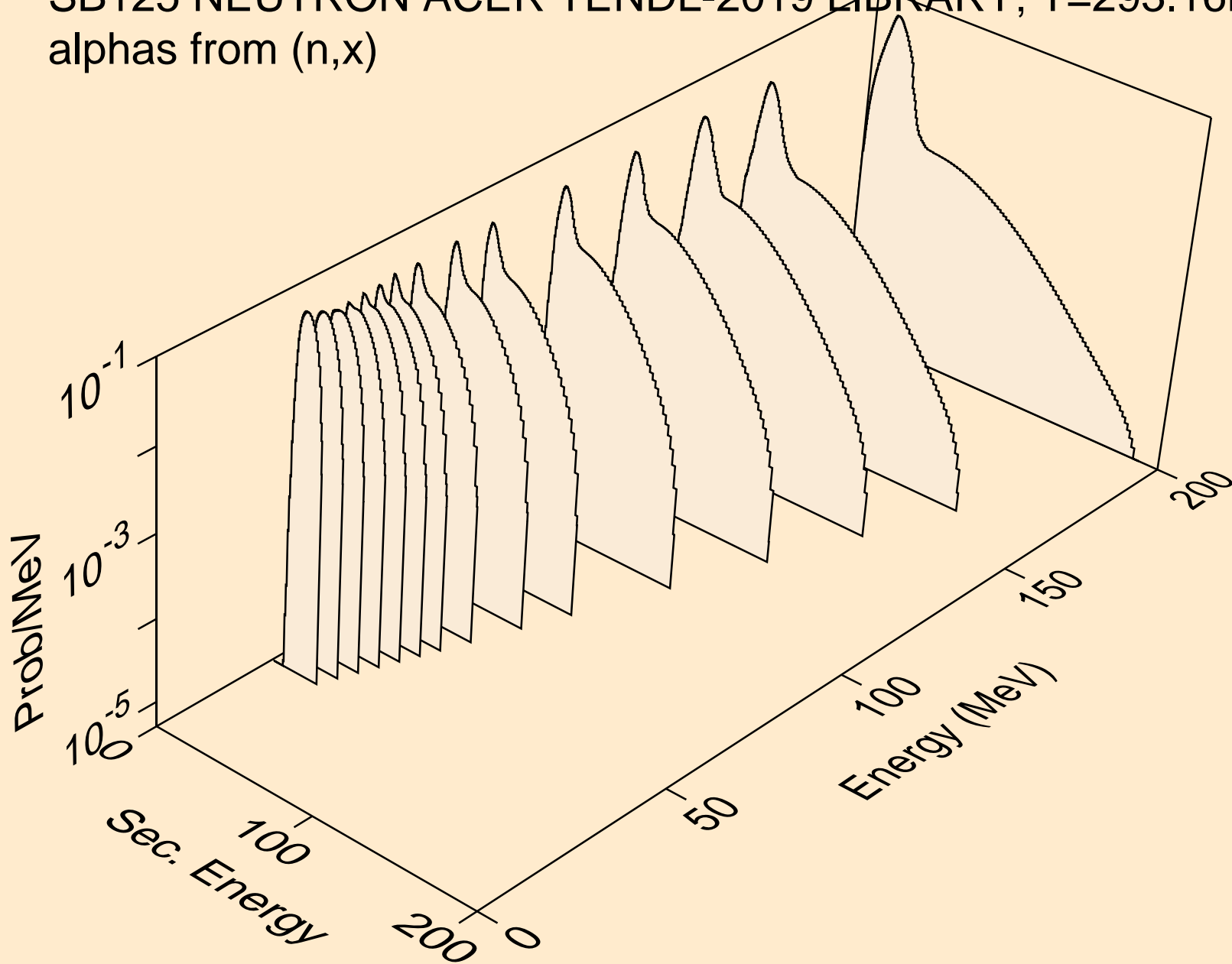




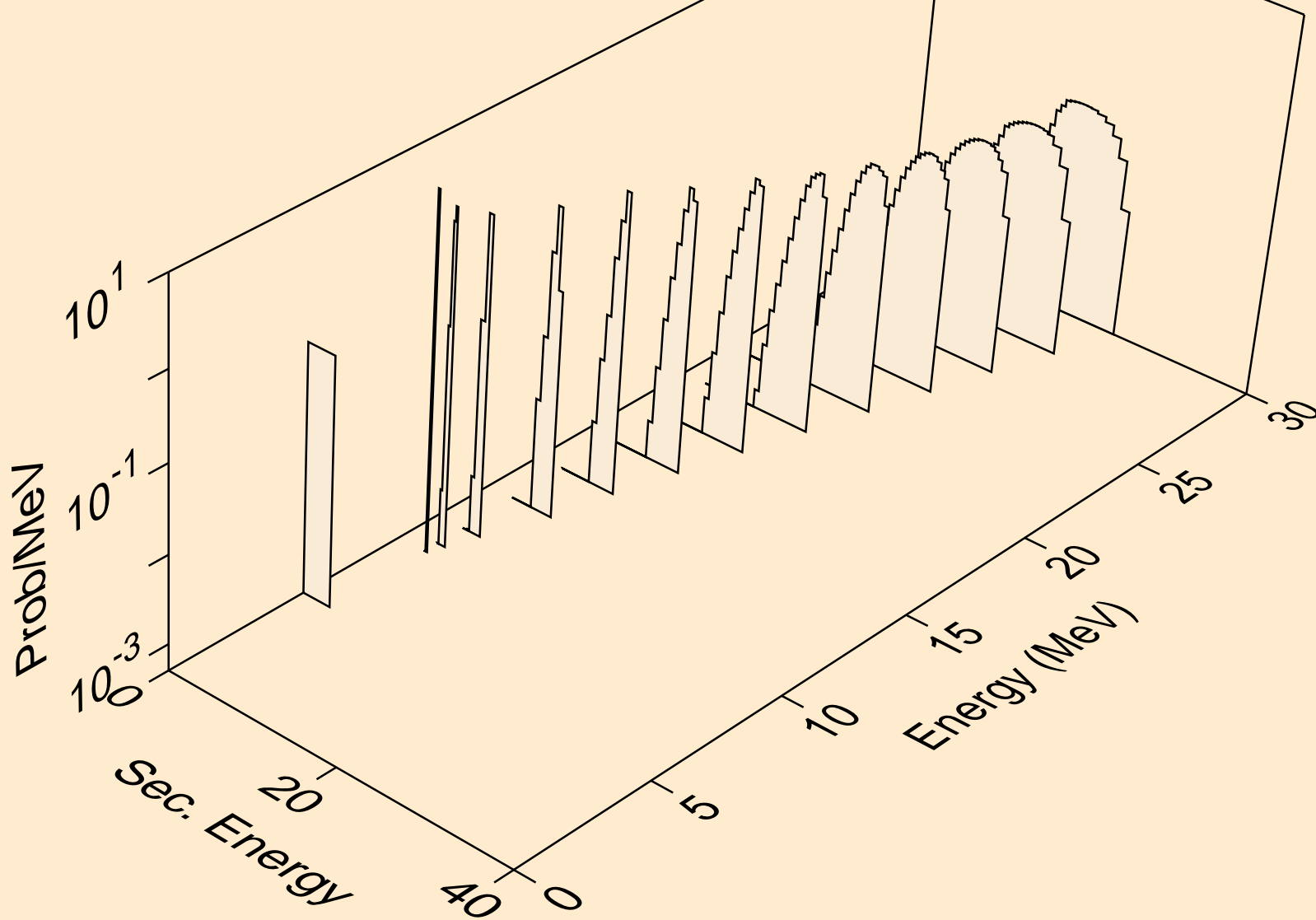
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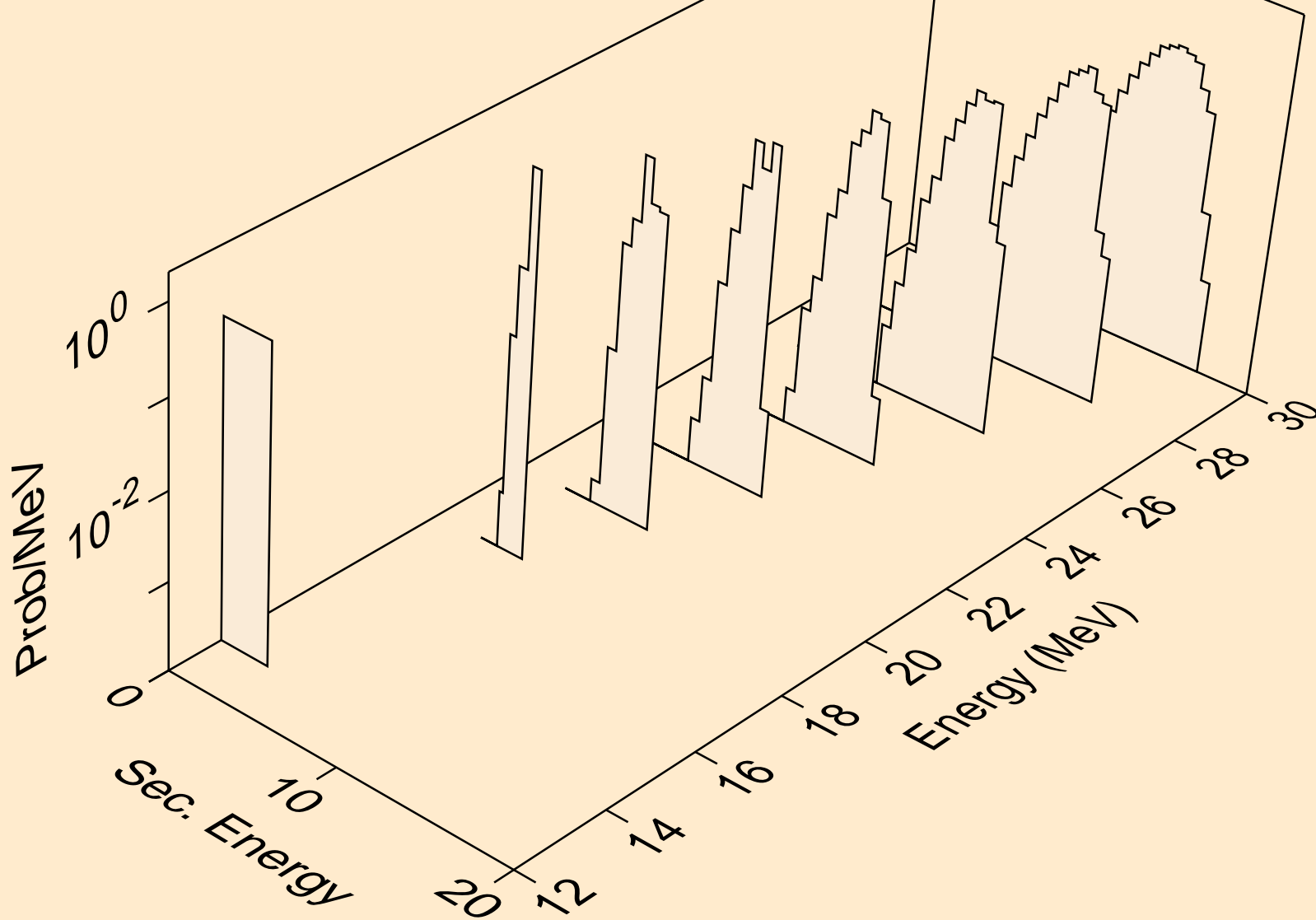
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alphas from (n,x)



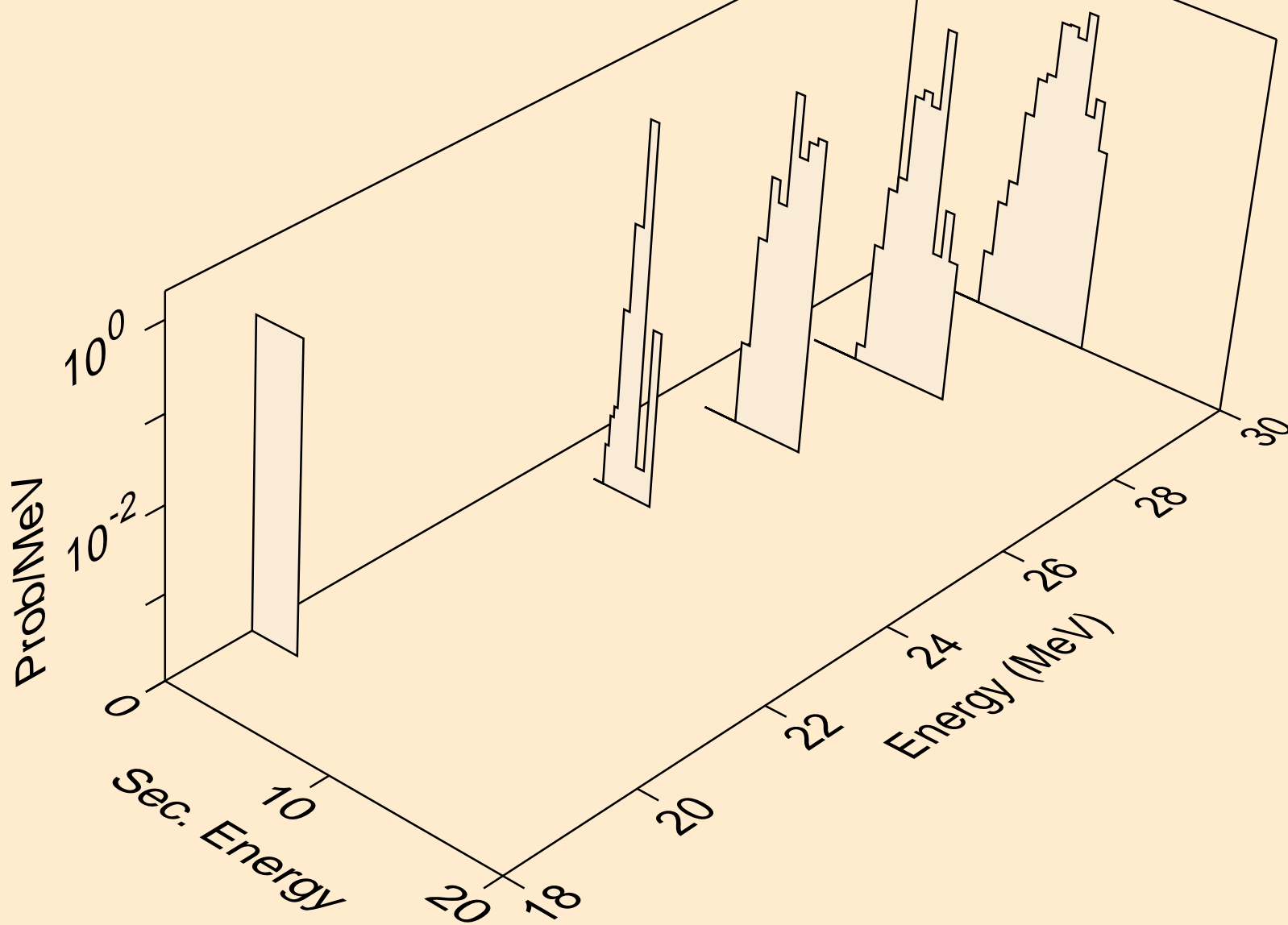
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alphas from (n,n\*)a



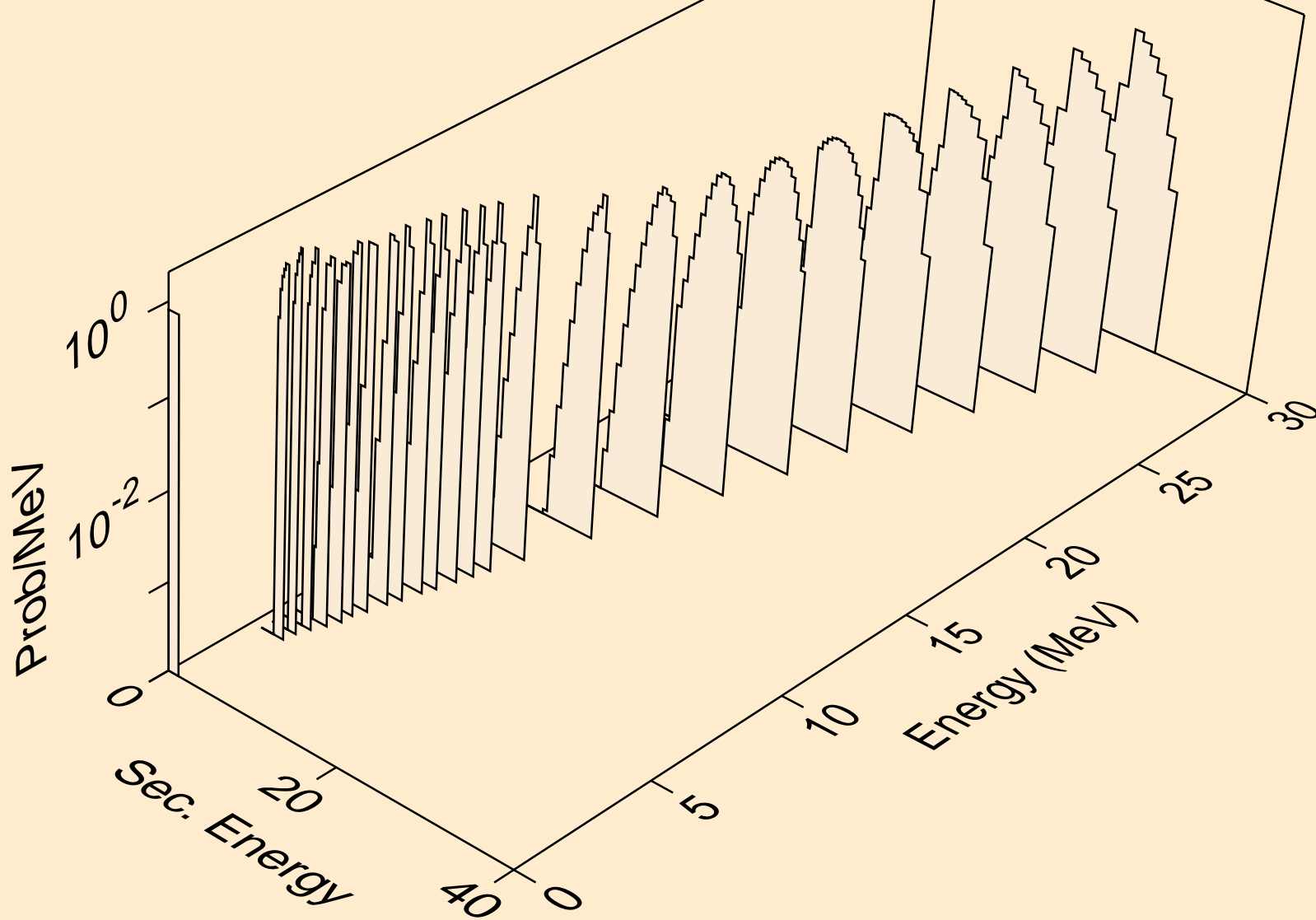
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alphas from (n,2n)a



SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



SB125 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)

