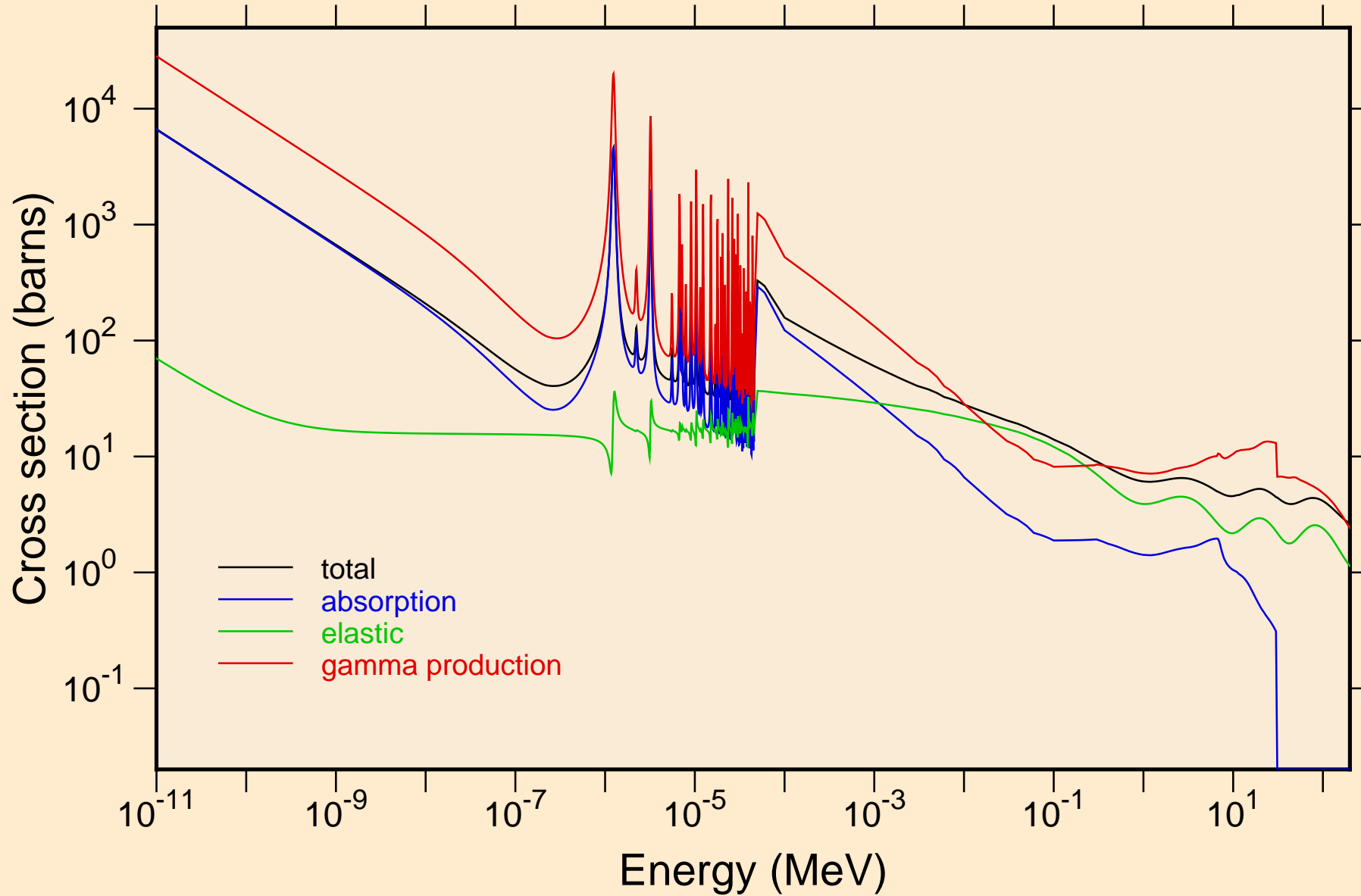
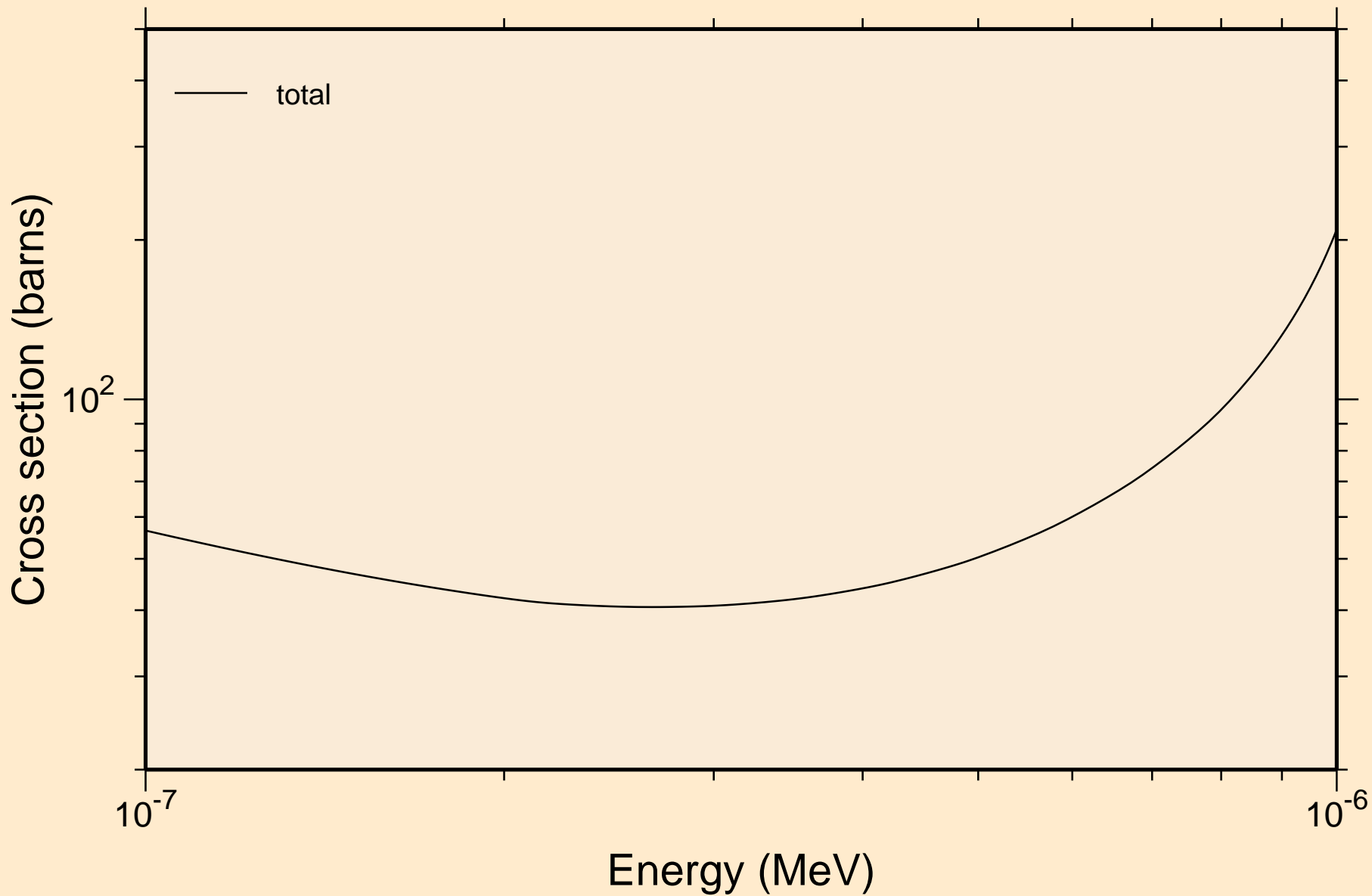


# OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

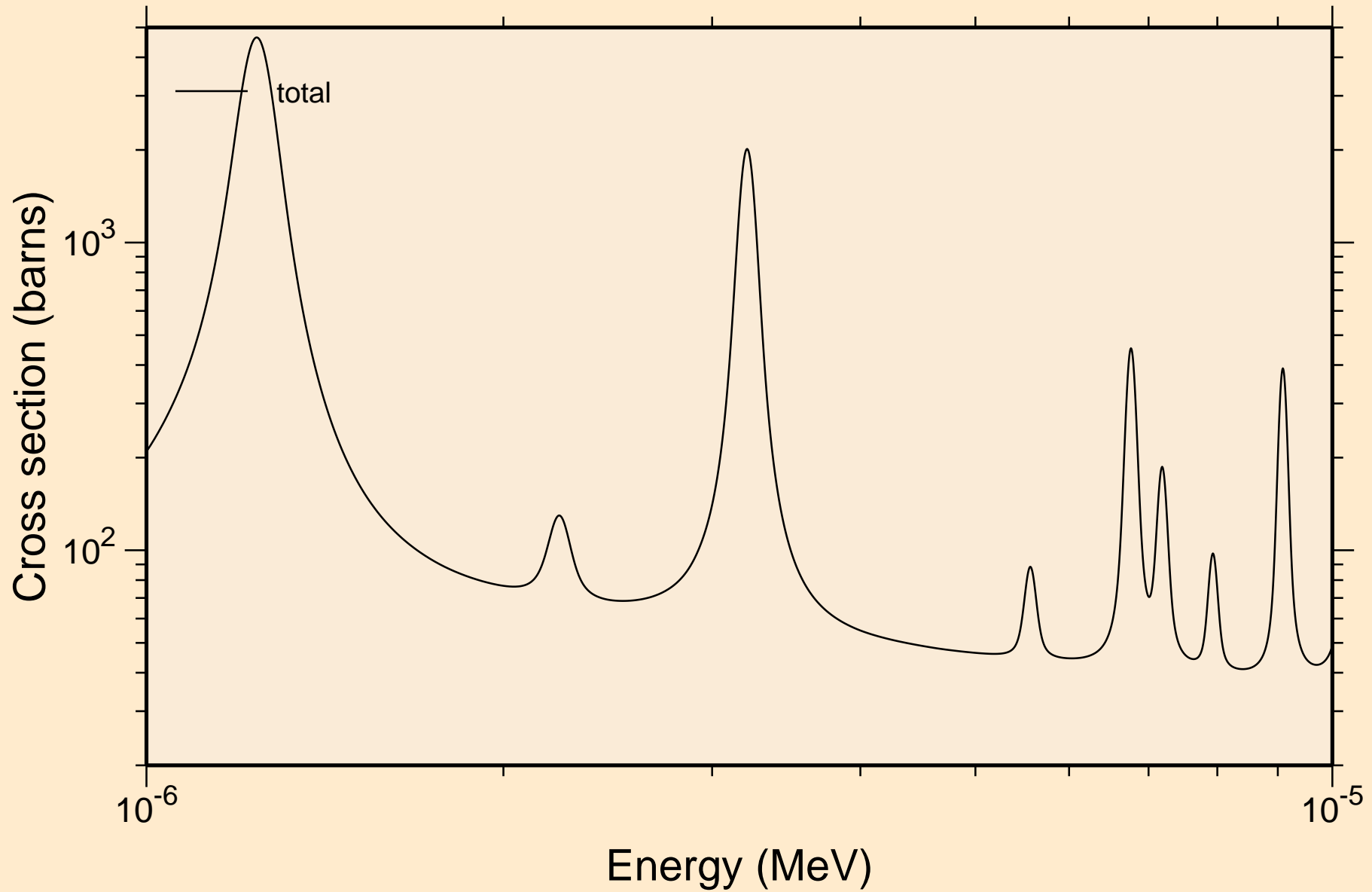
## Principal cross sections



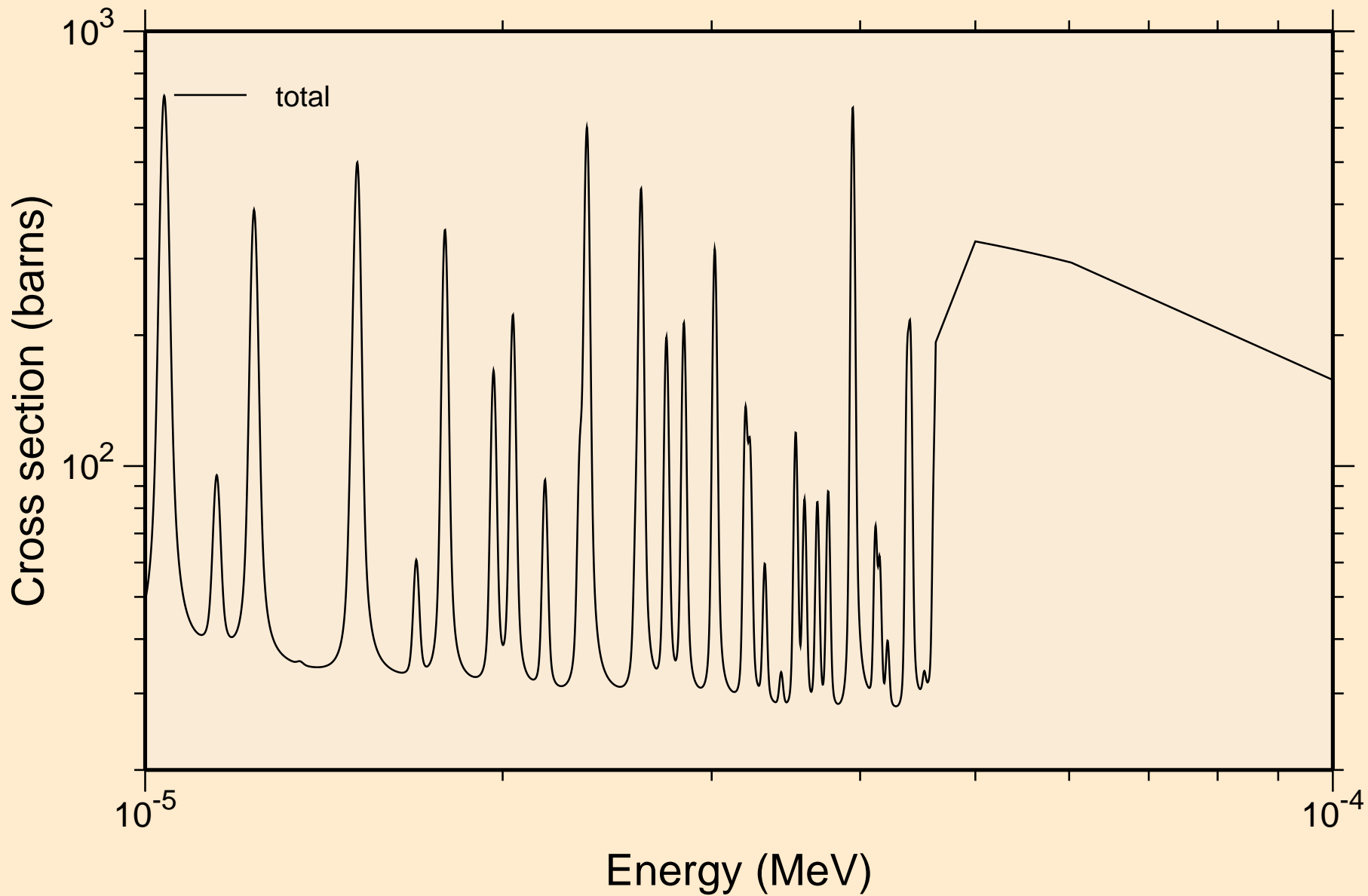
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resonance total cross section



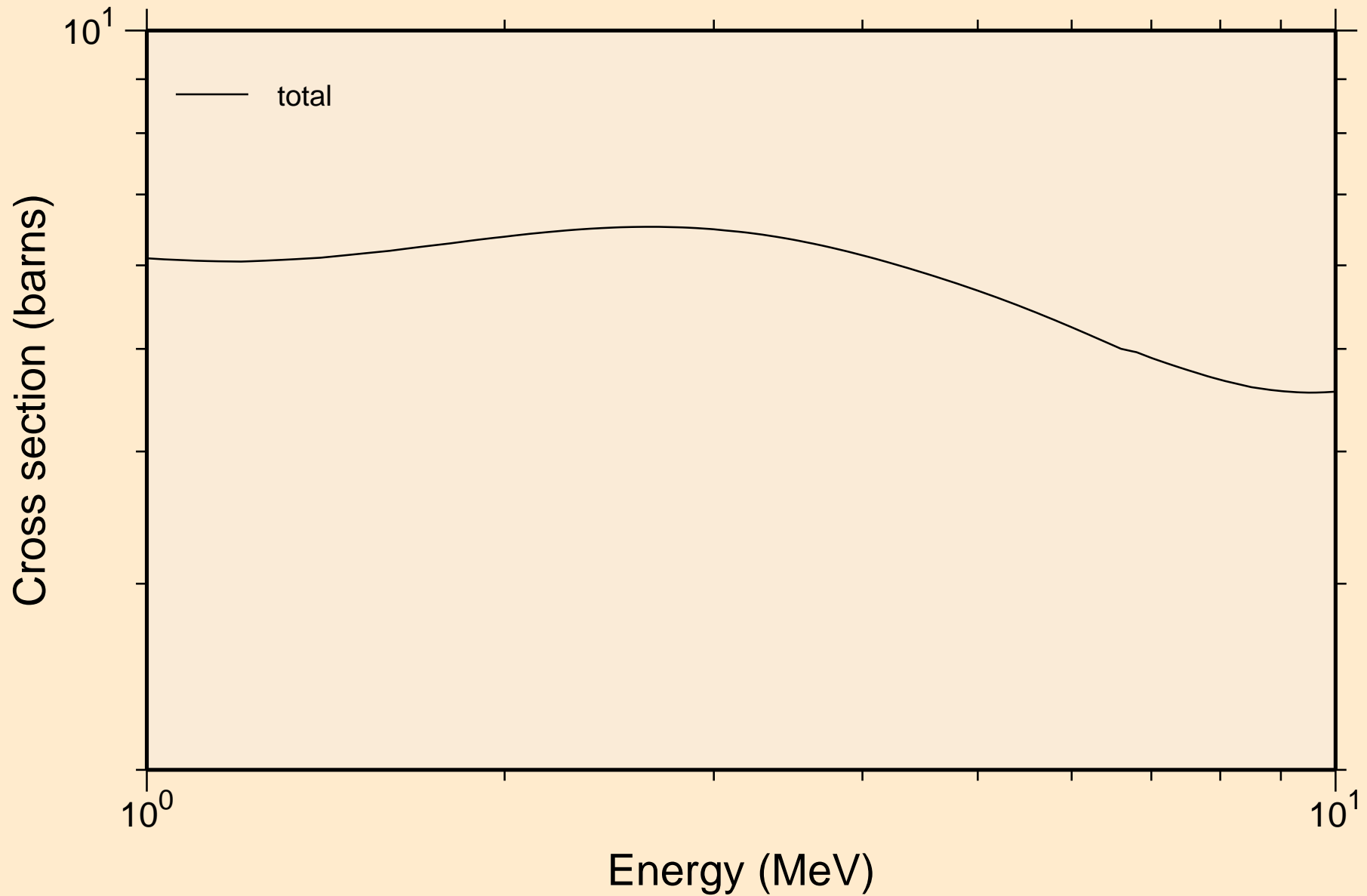
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resonance total cross section



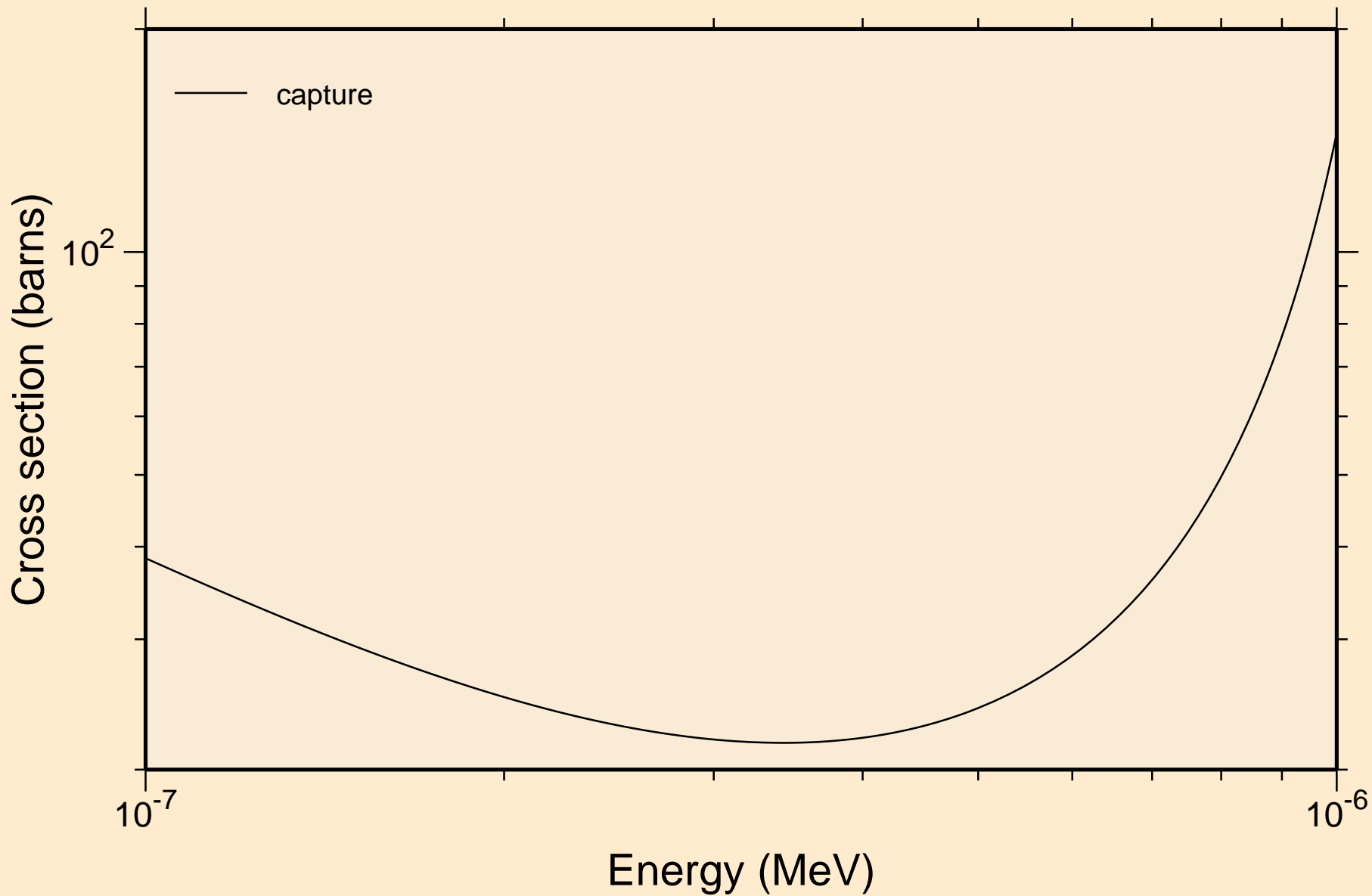
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resonance total cross section



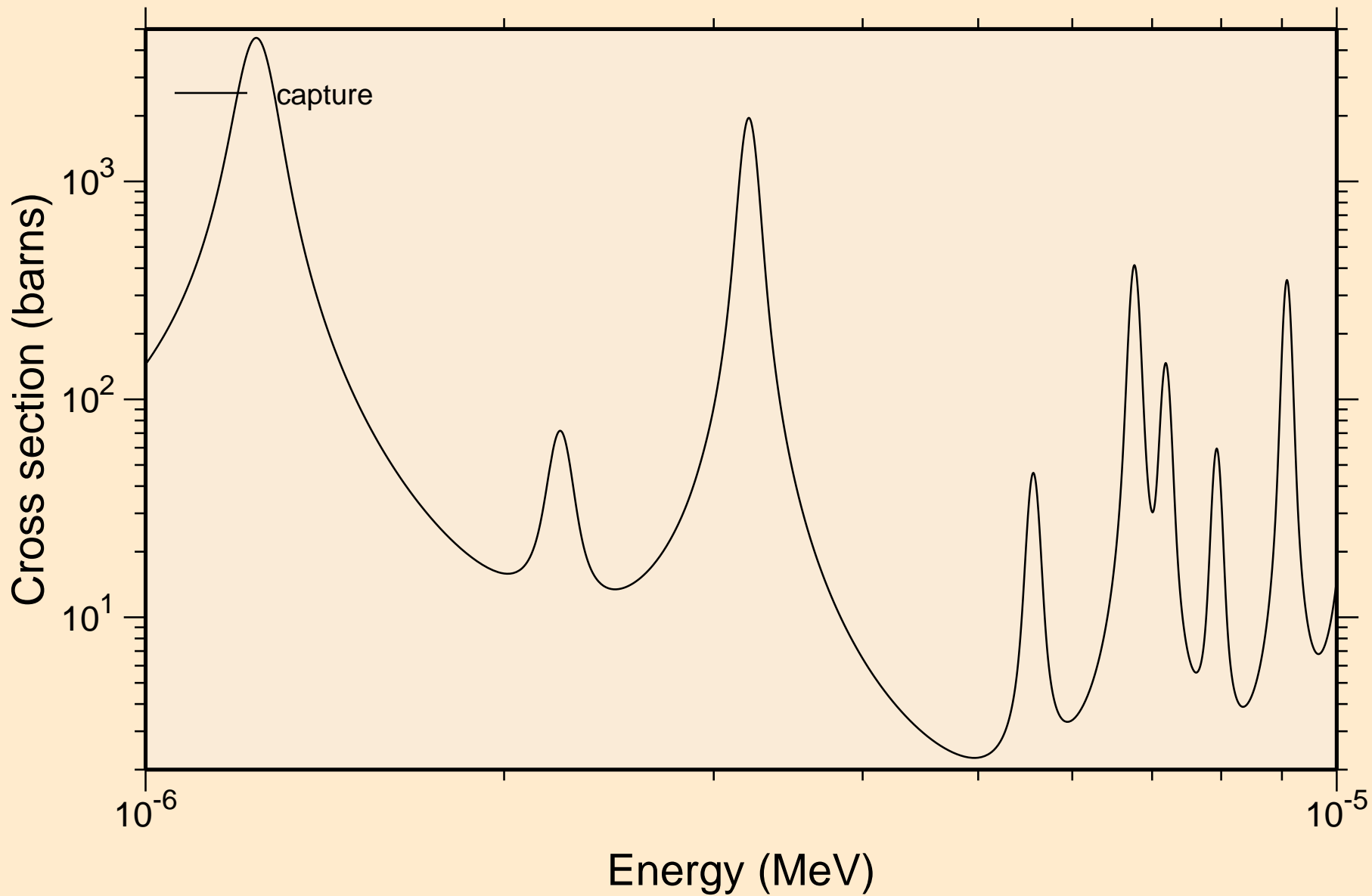
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resonance total cross section



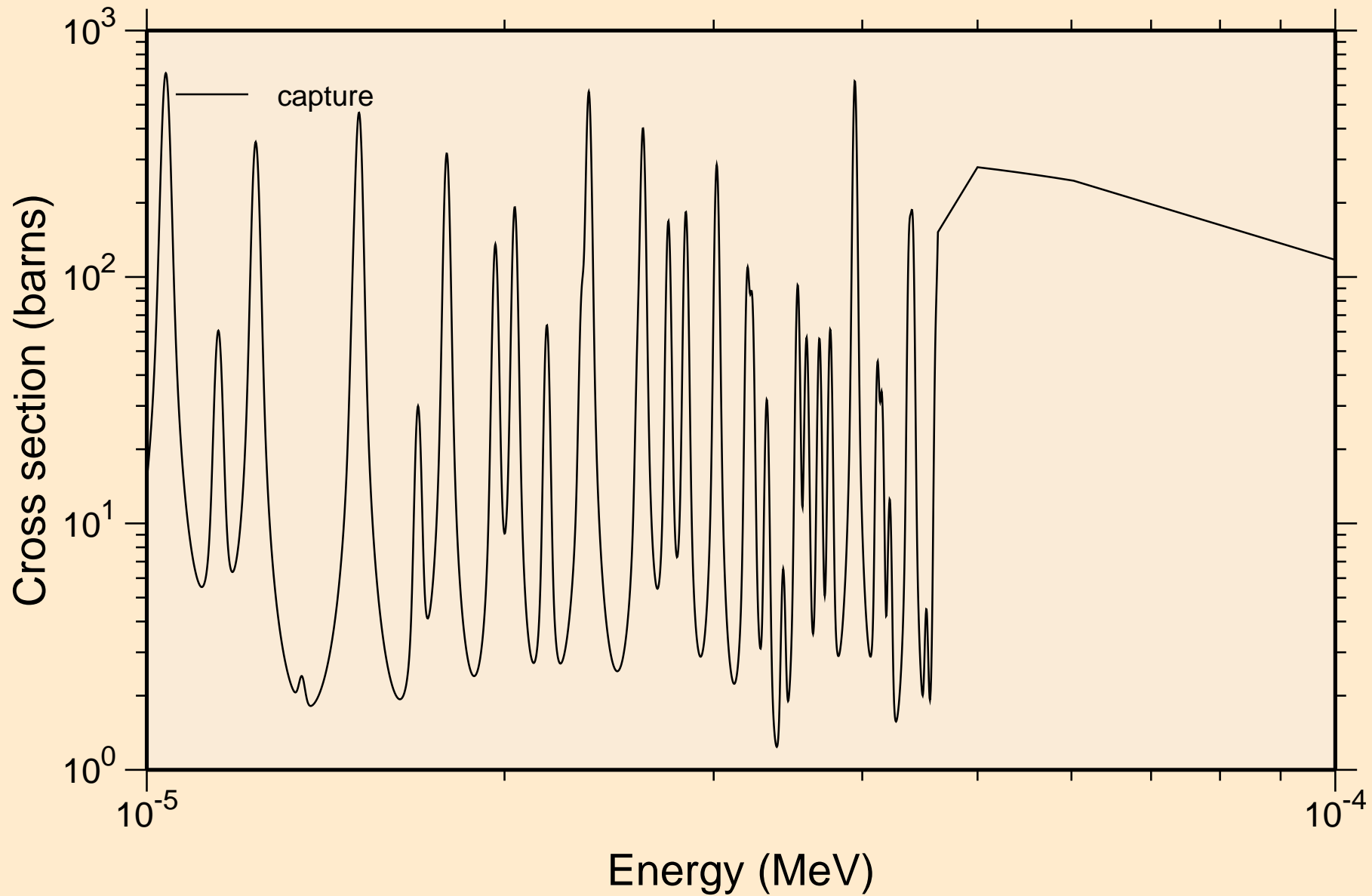
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



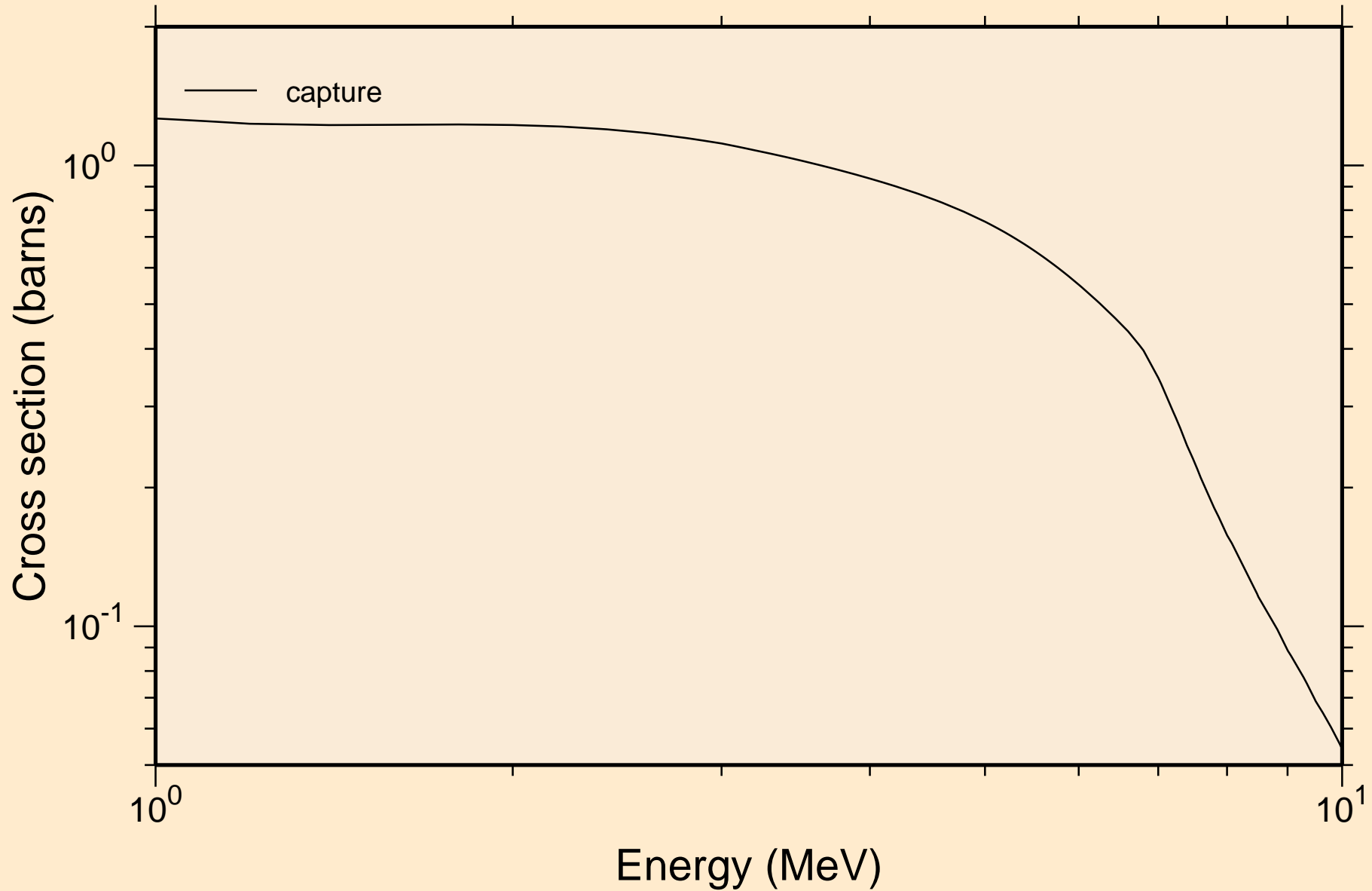
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resonance absorption cross sections



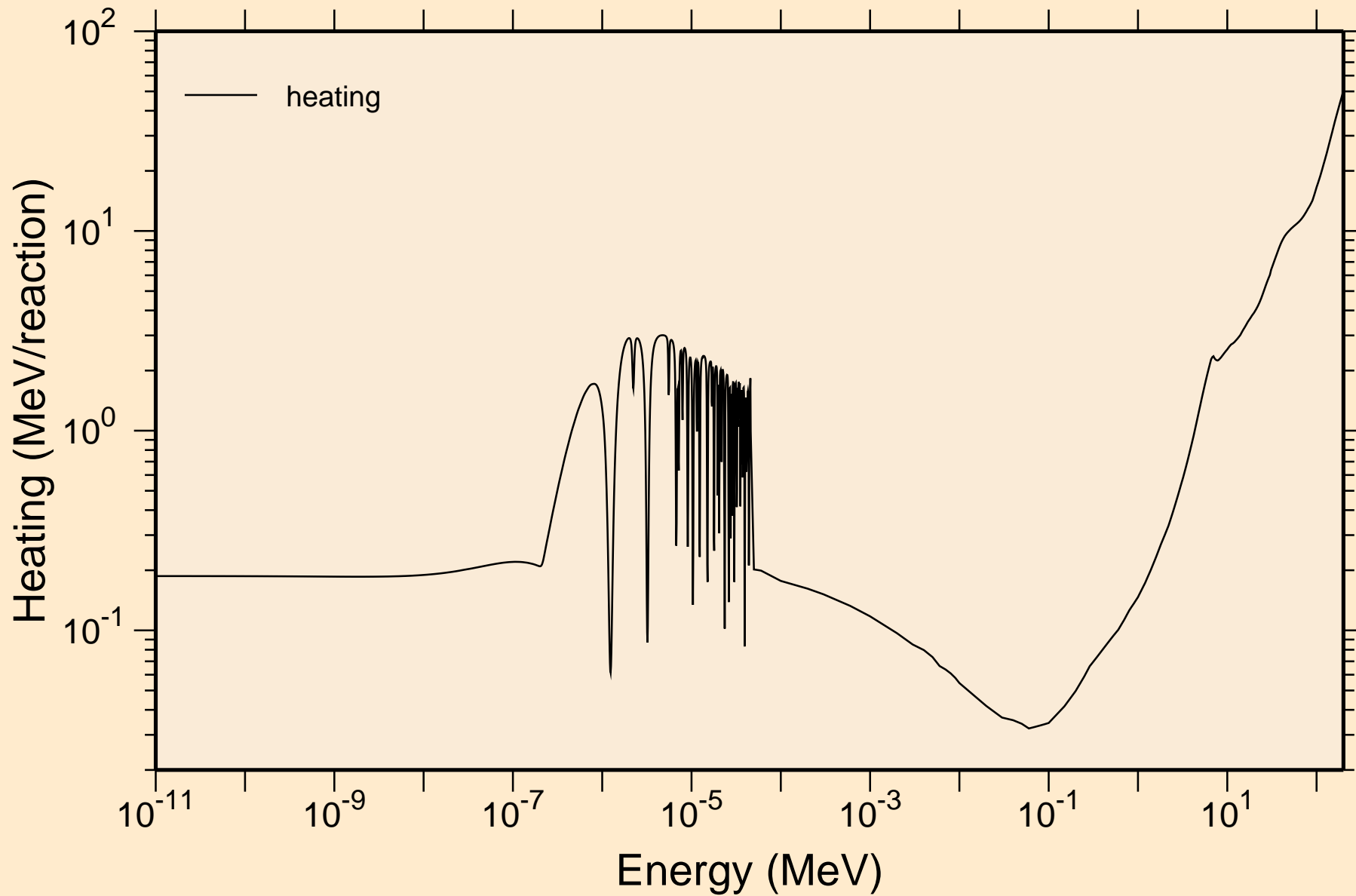
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resonance absorption cross sections



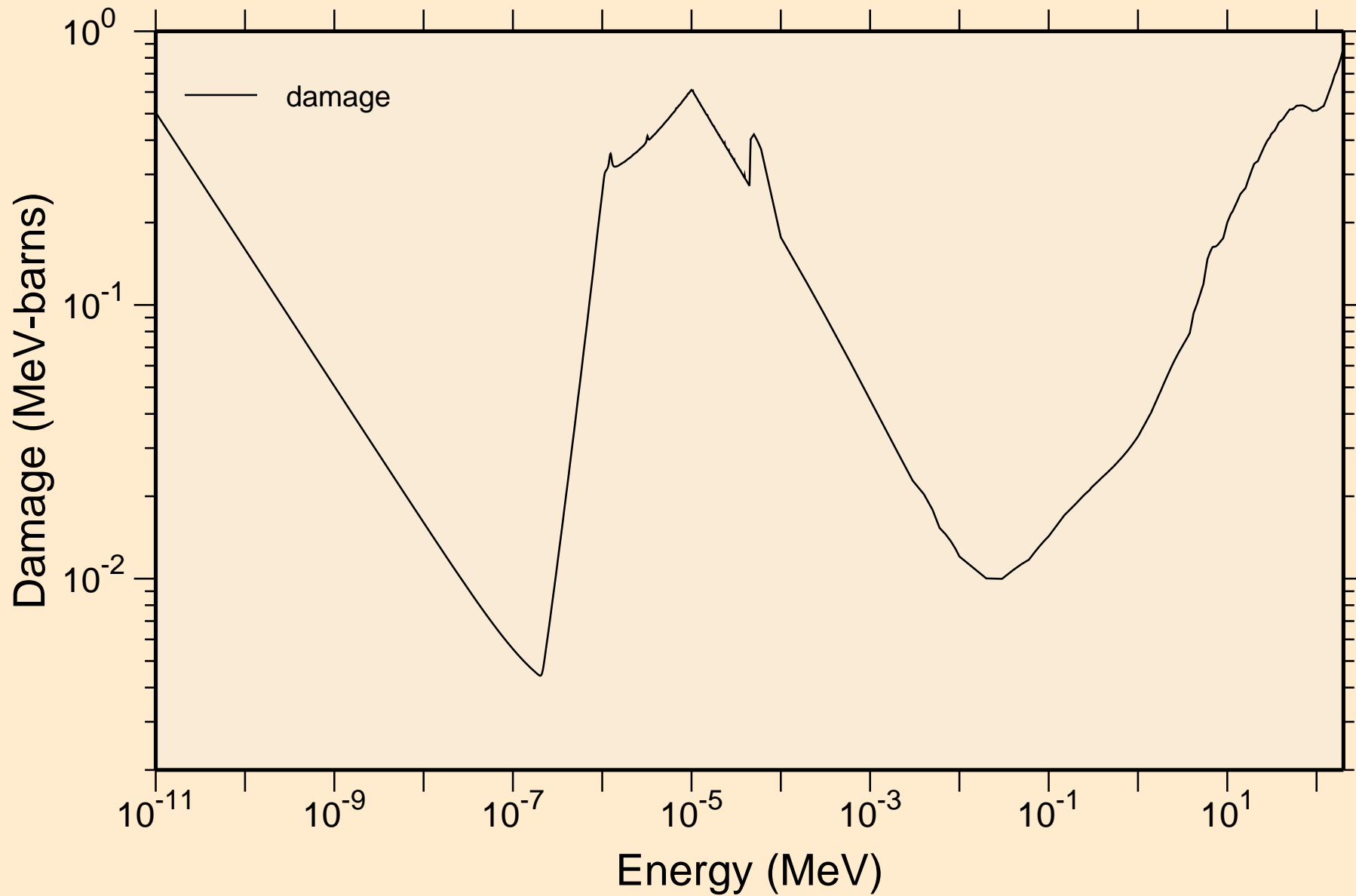
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating

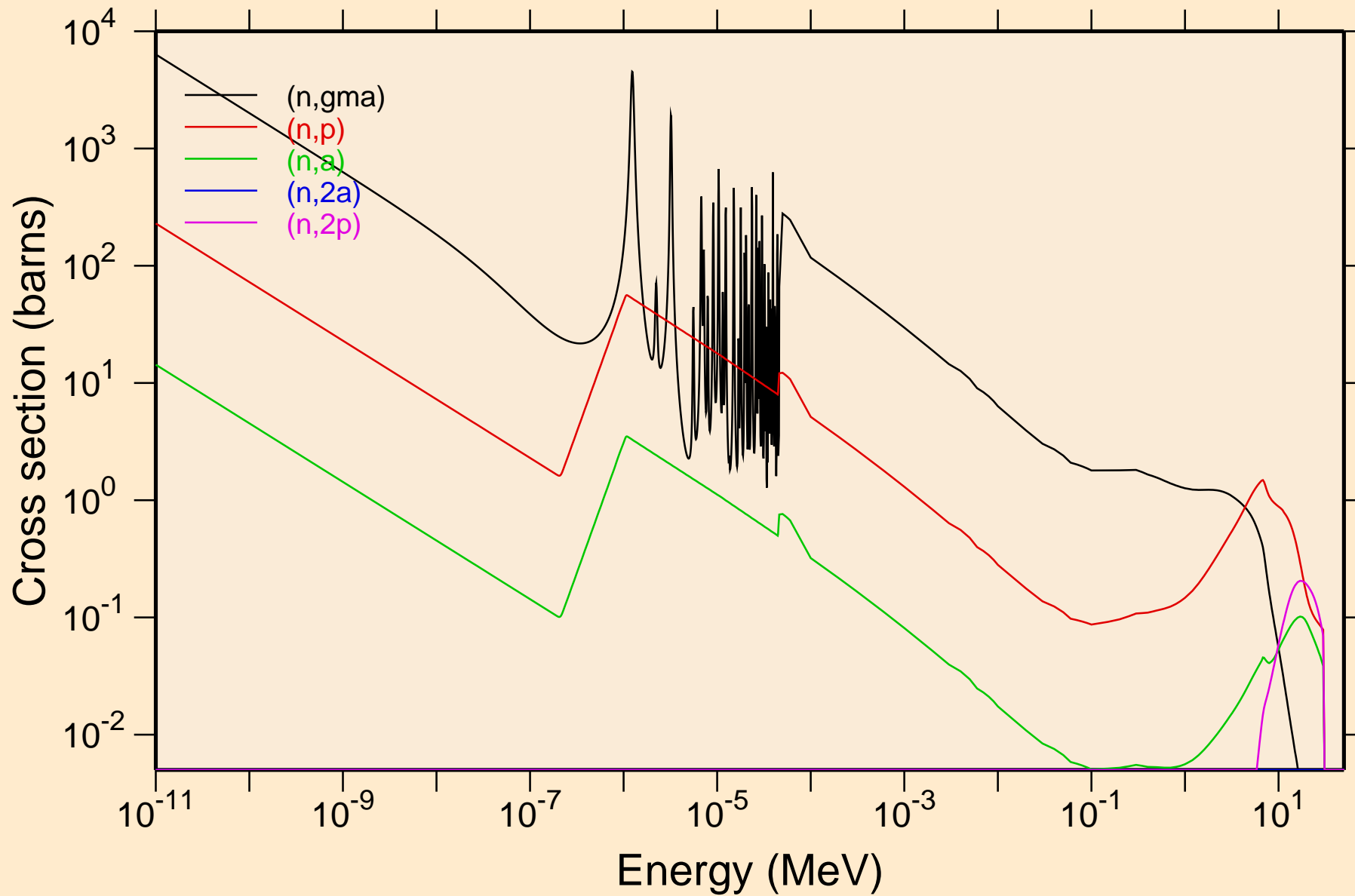


OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage

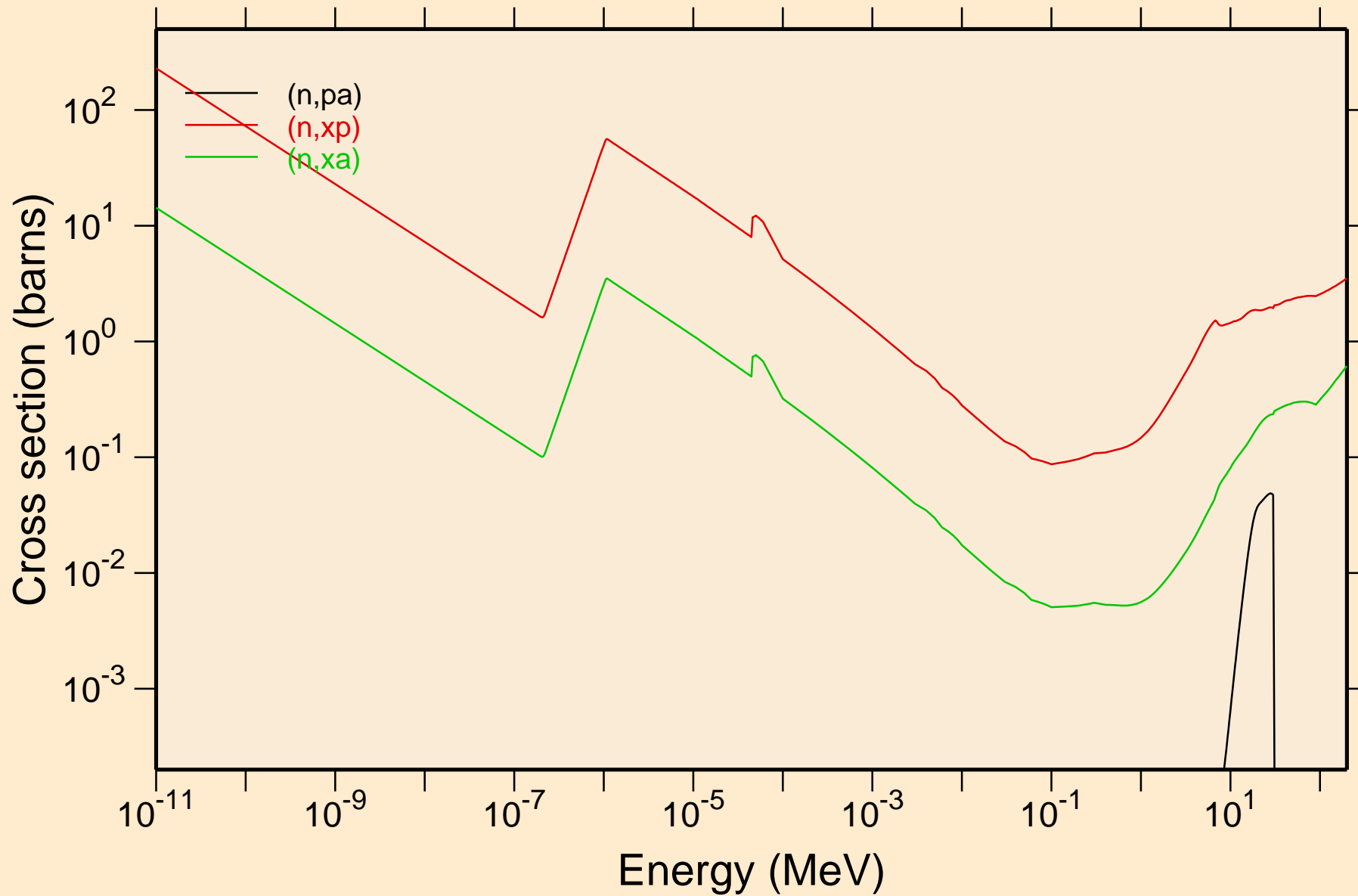


# OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Non-threshold reactions

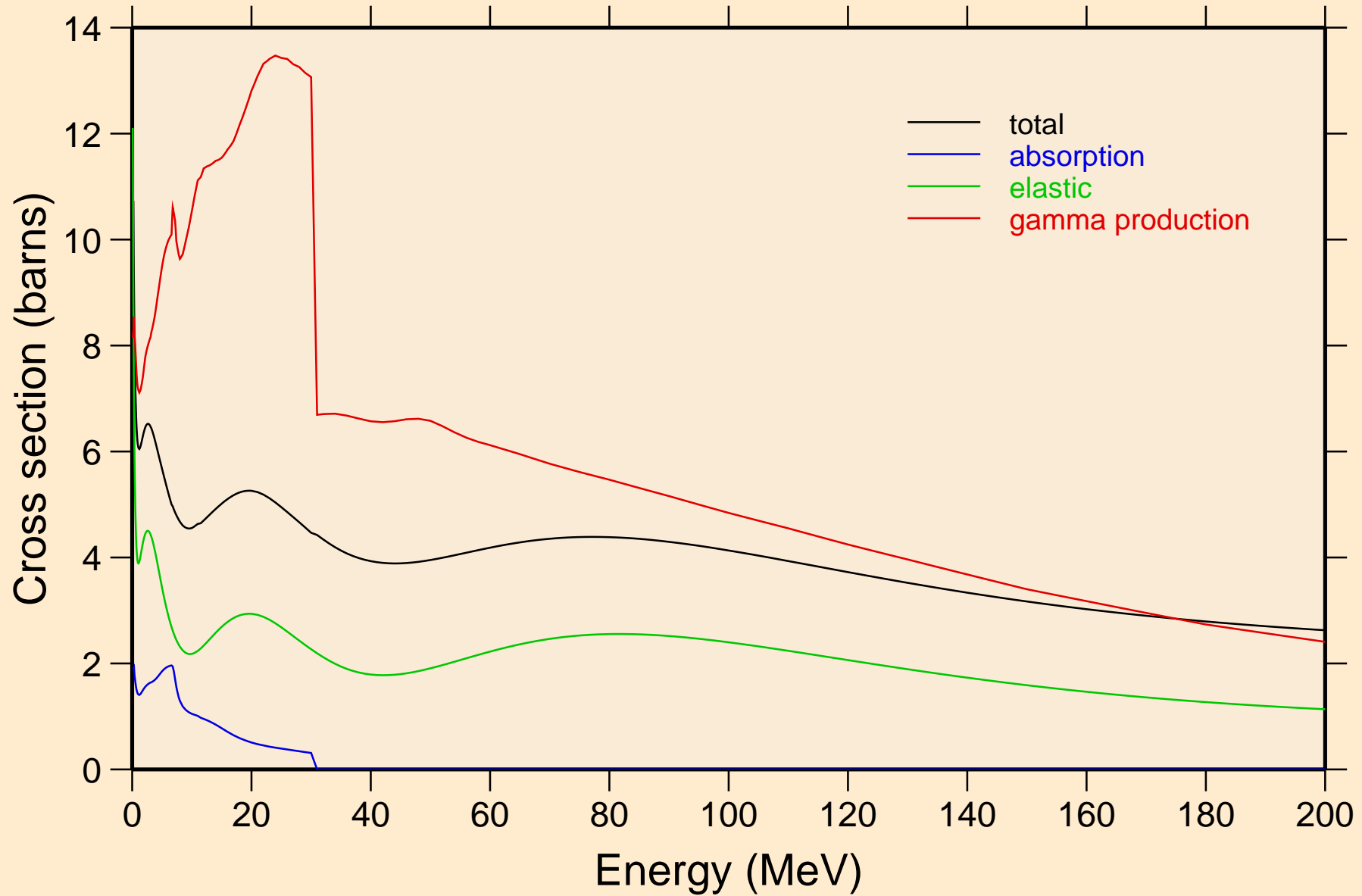


OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



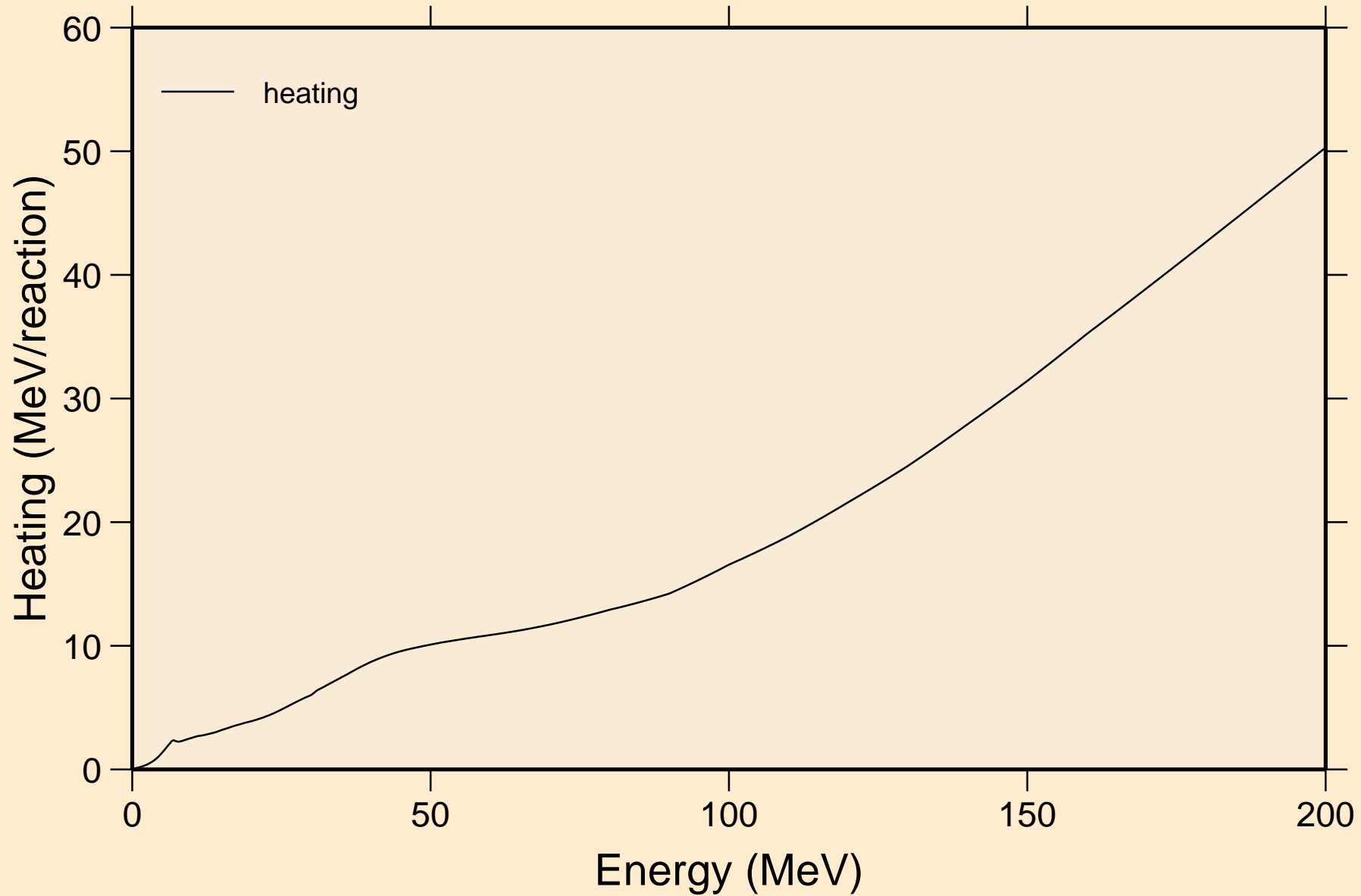
# OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Principal cross sections

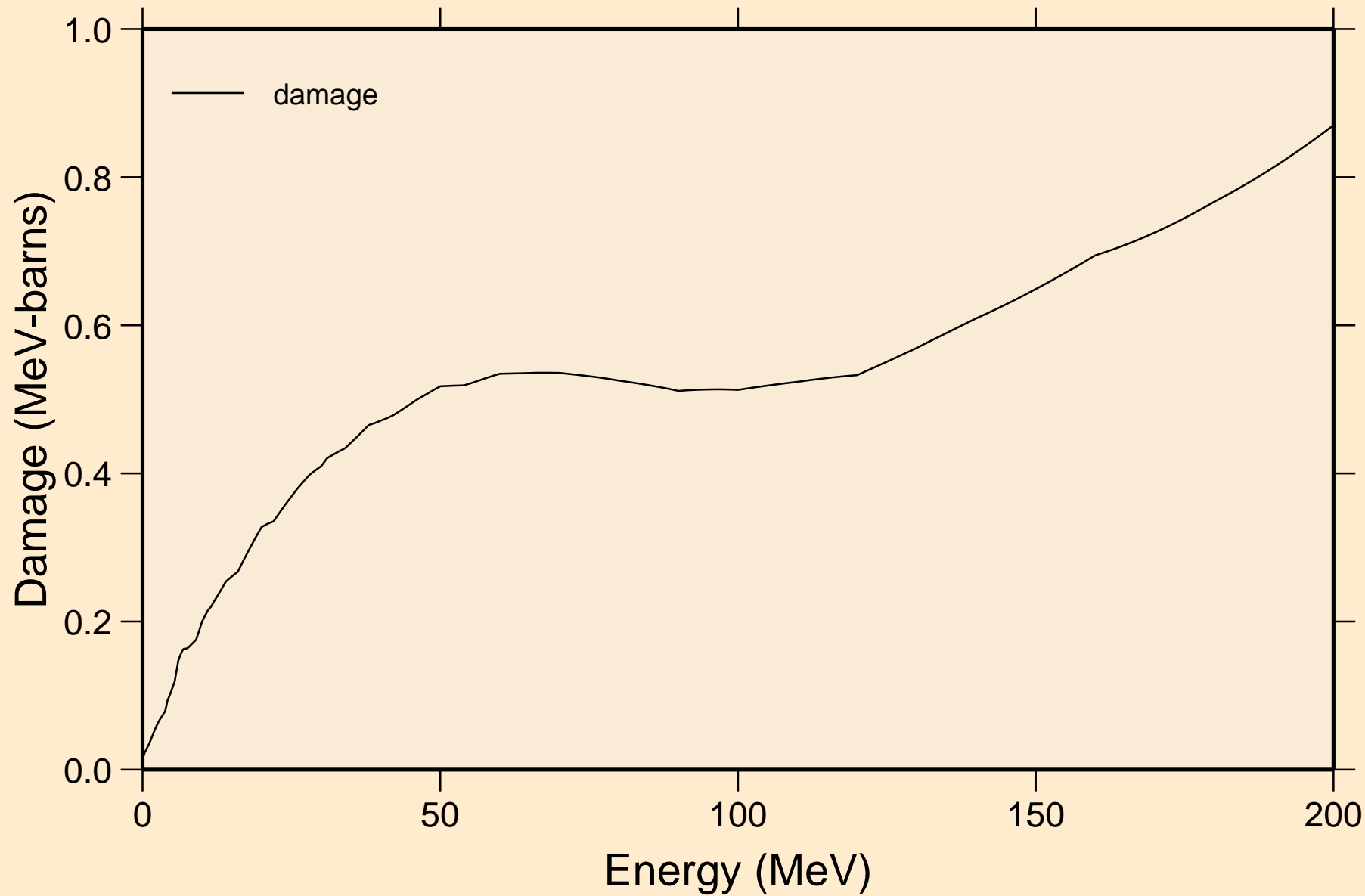


# OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

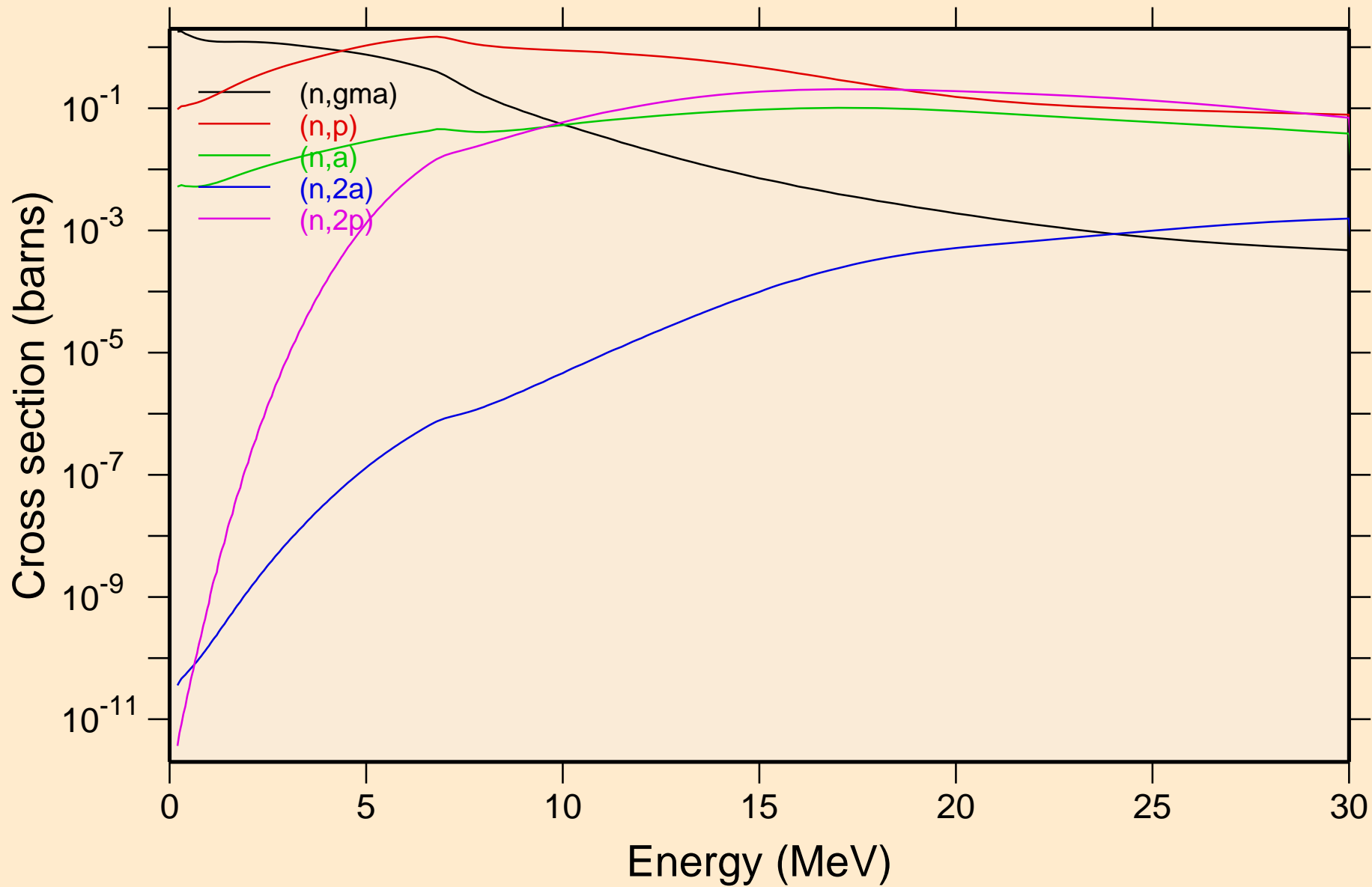
## Heating



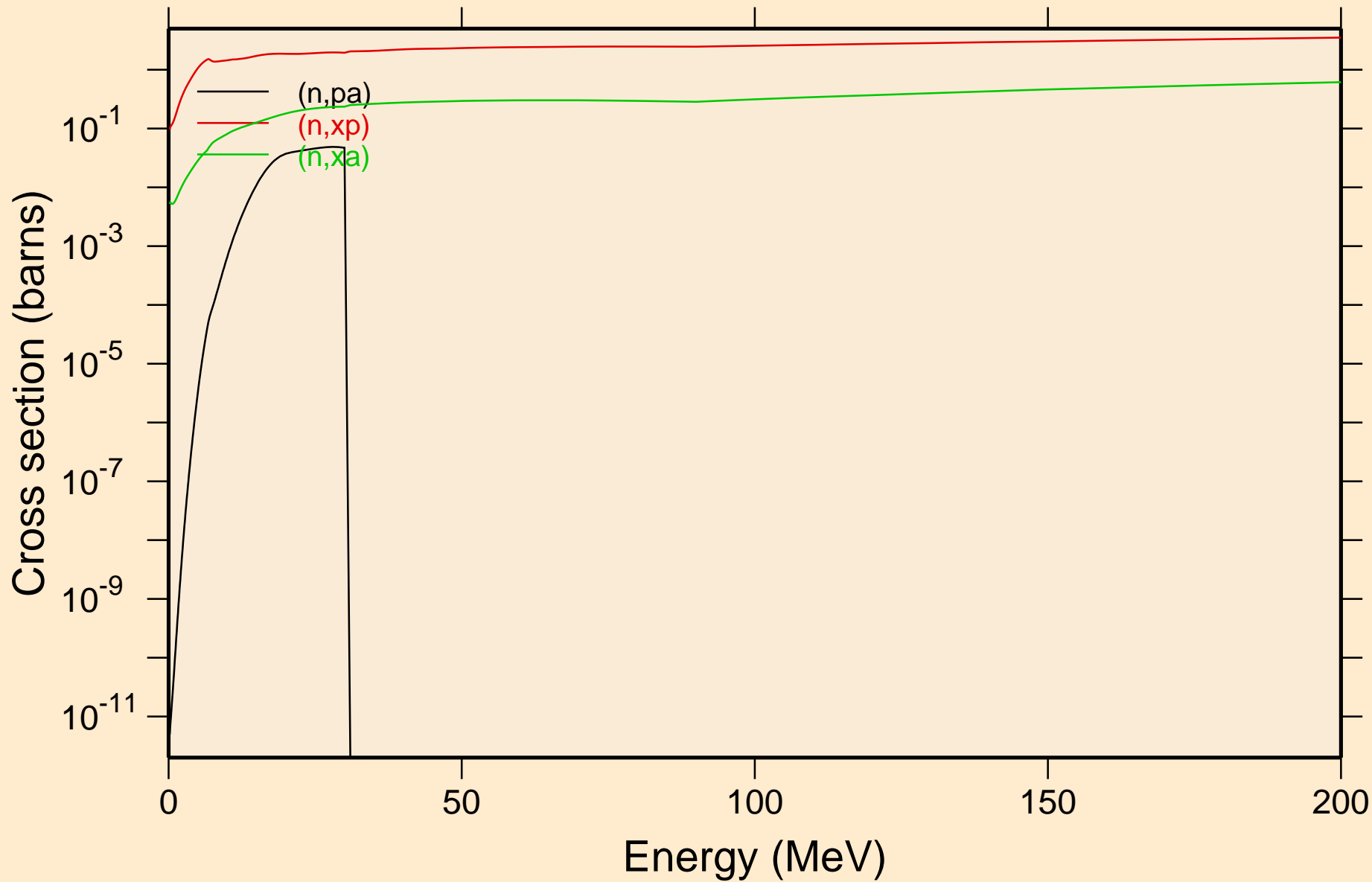
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage



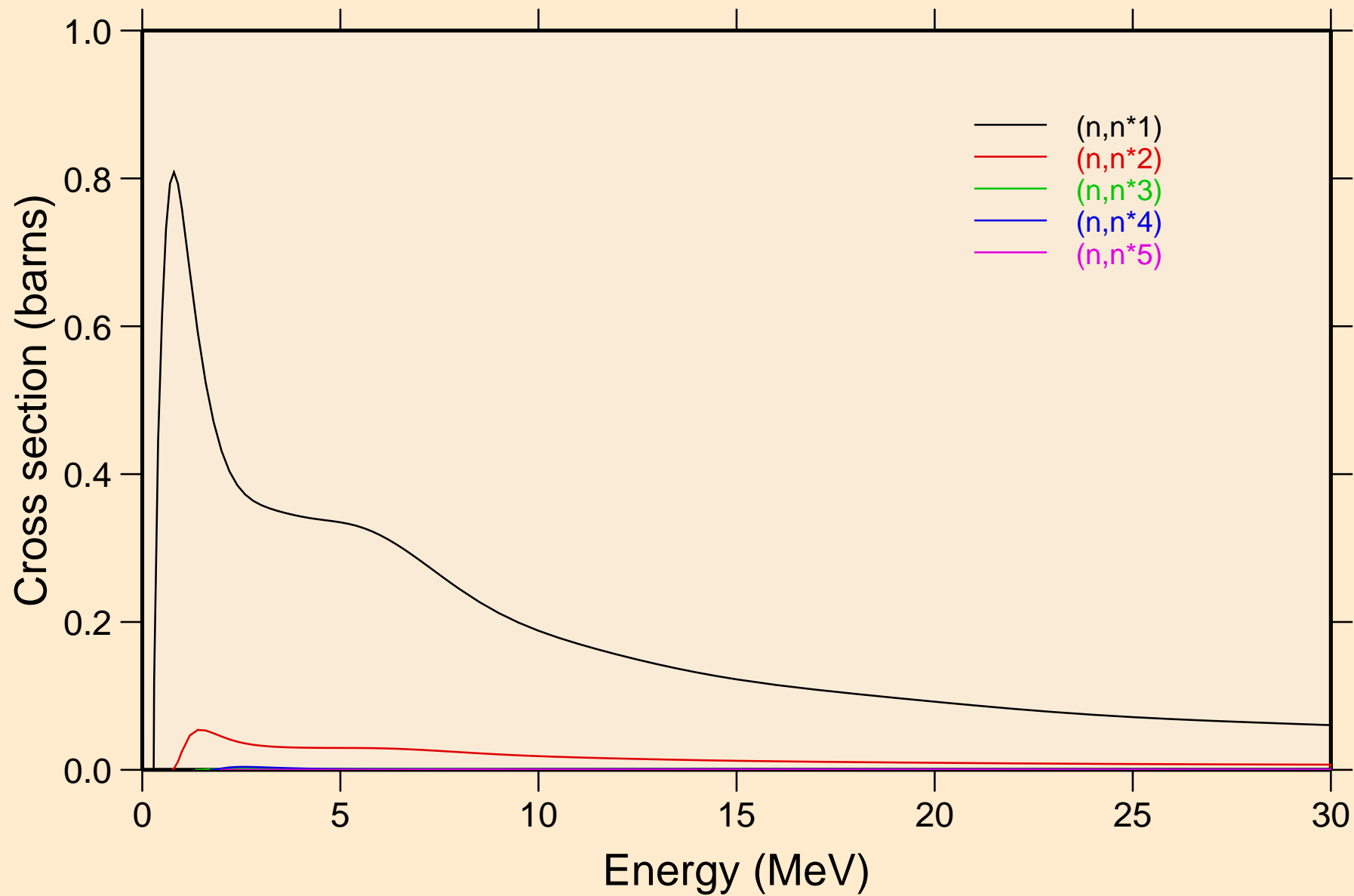
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Non-threshold reactions



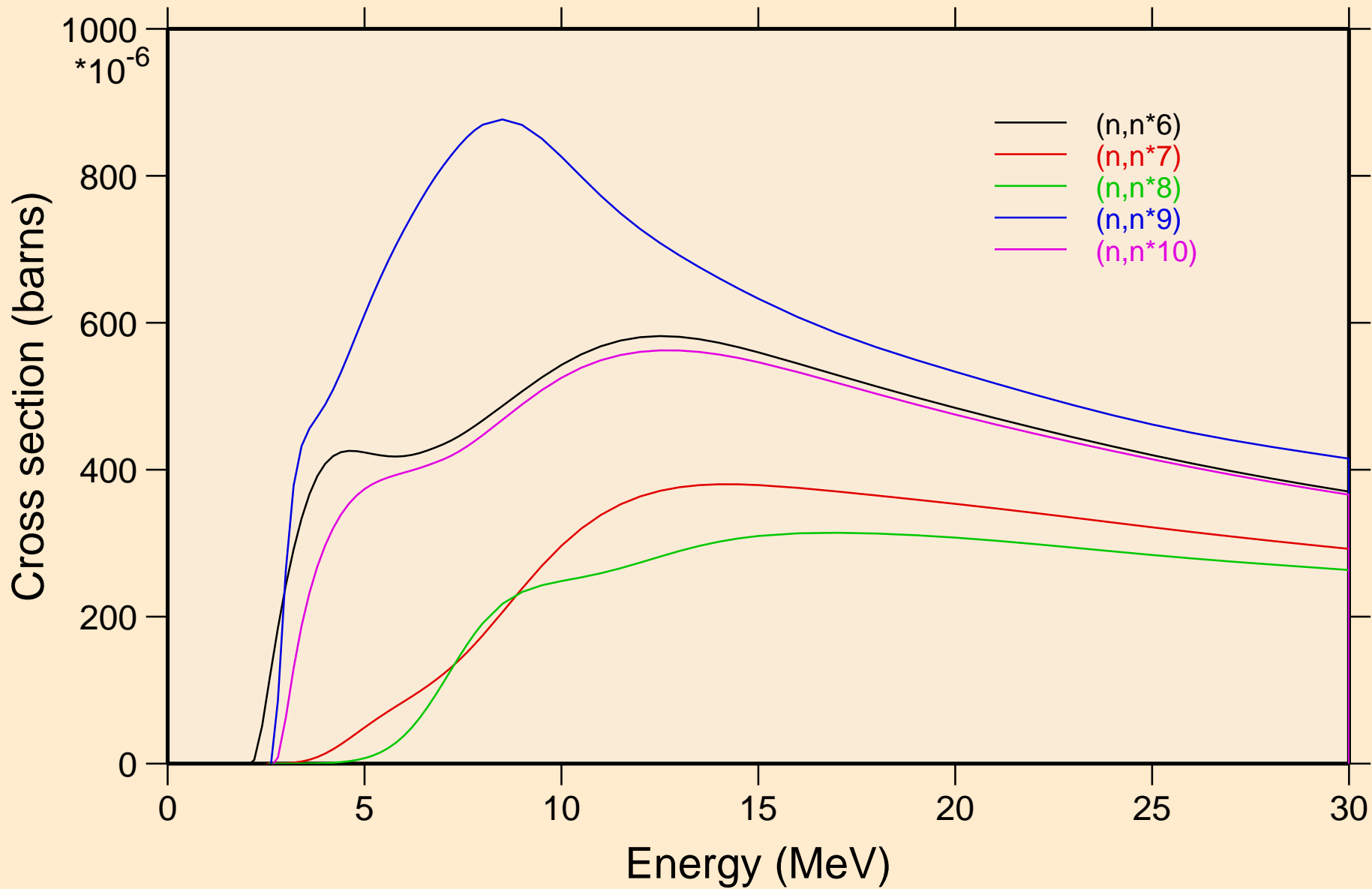
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Non-threshold reactions



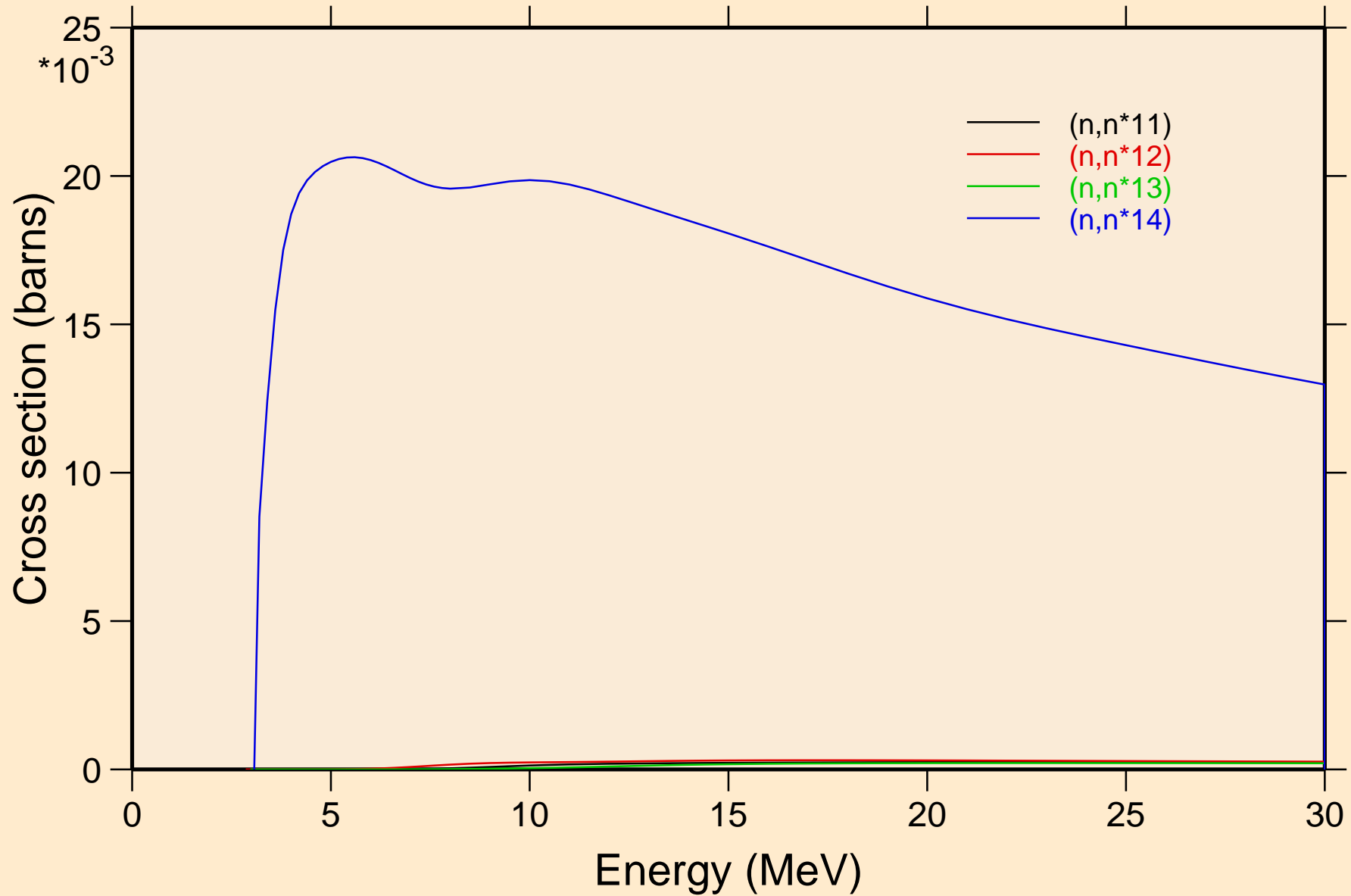
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

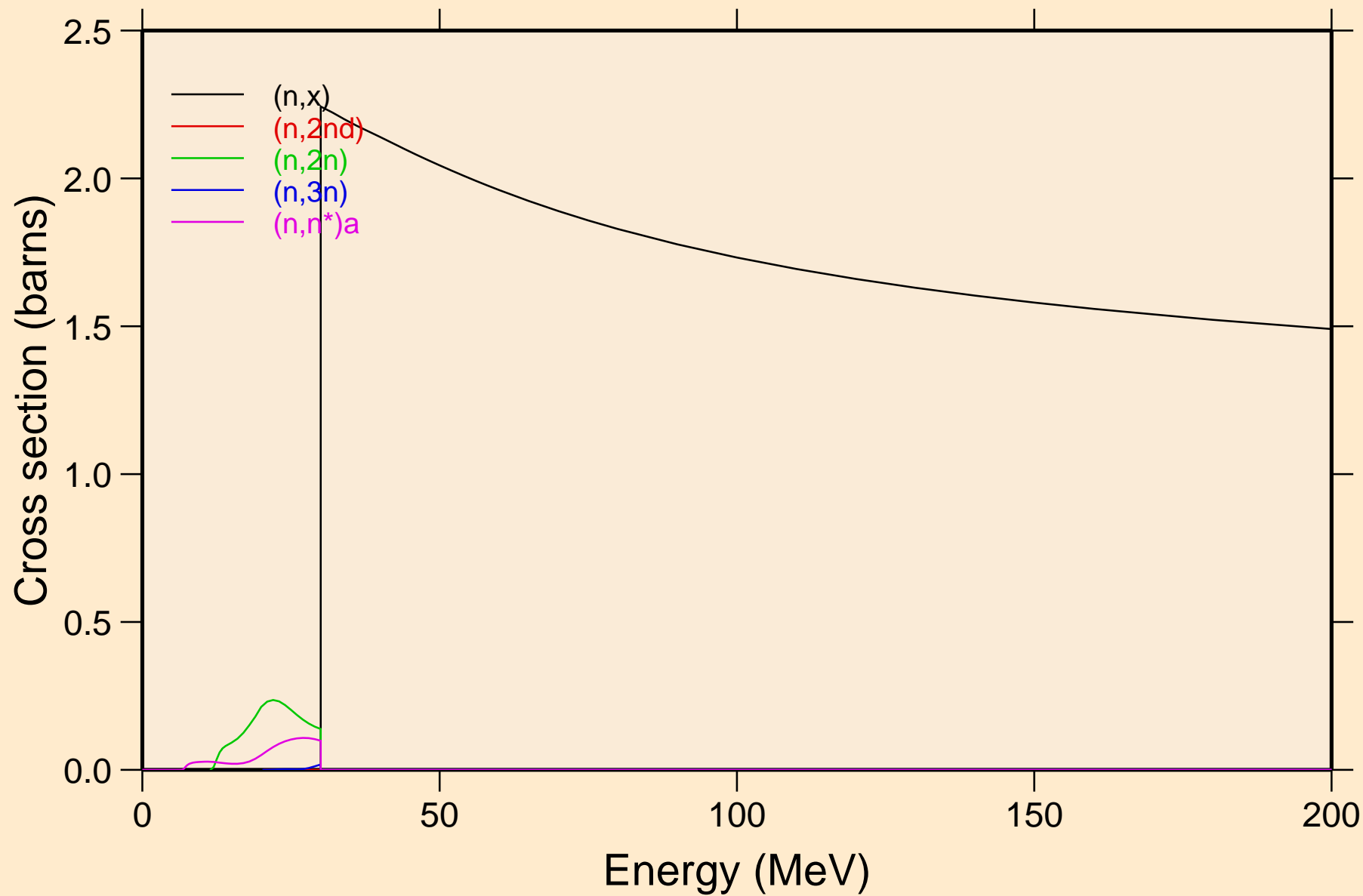


OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

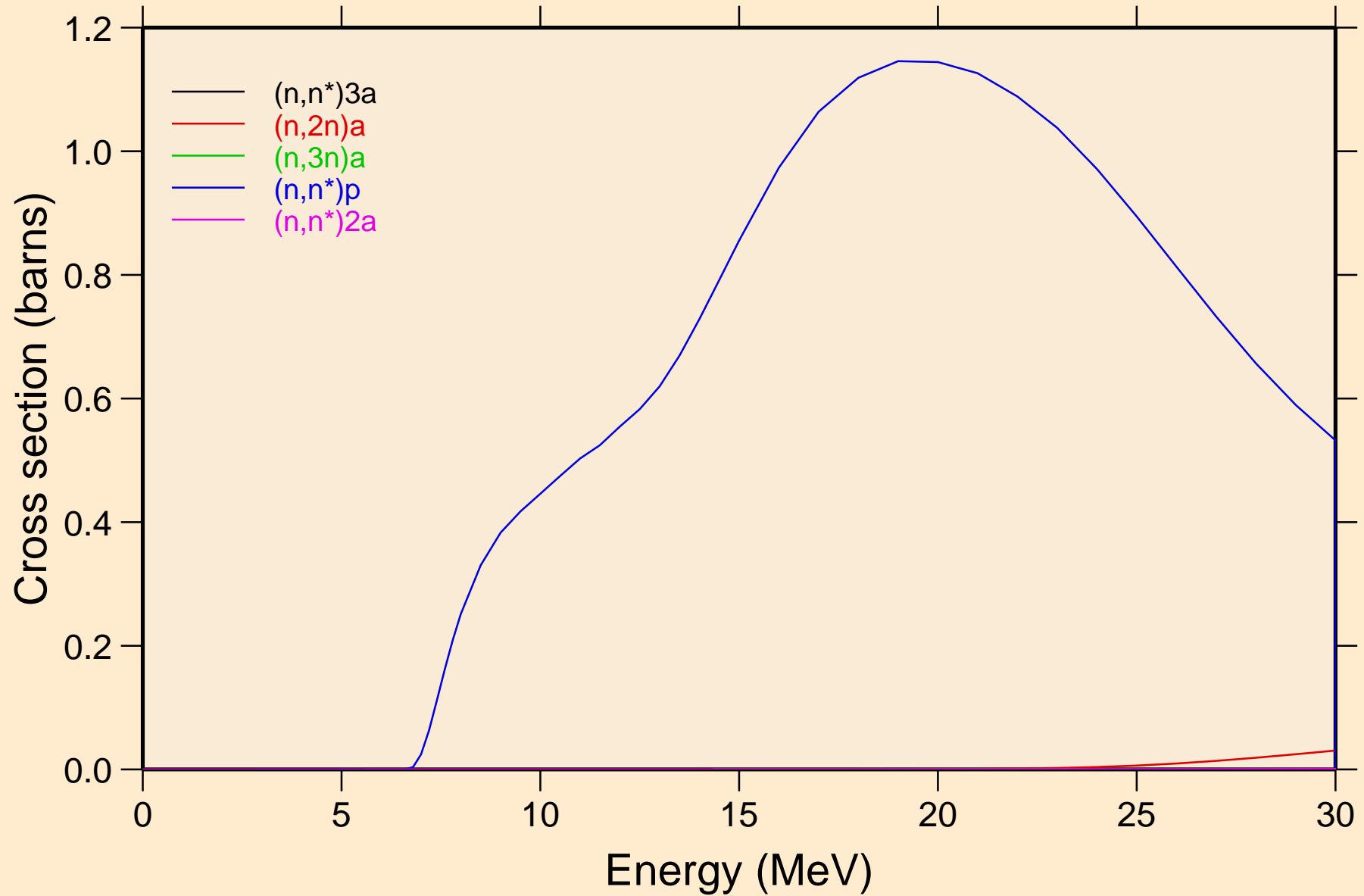


# OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

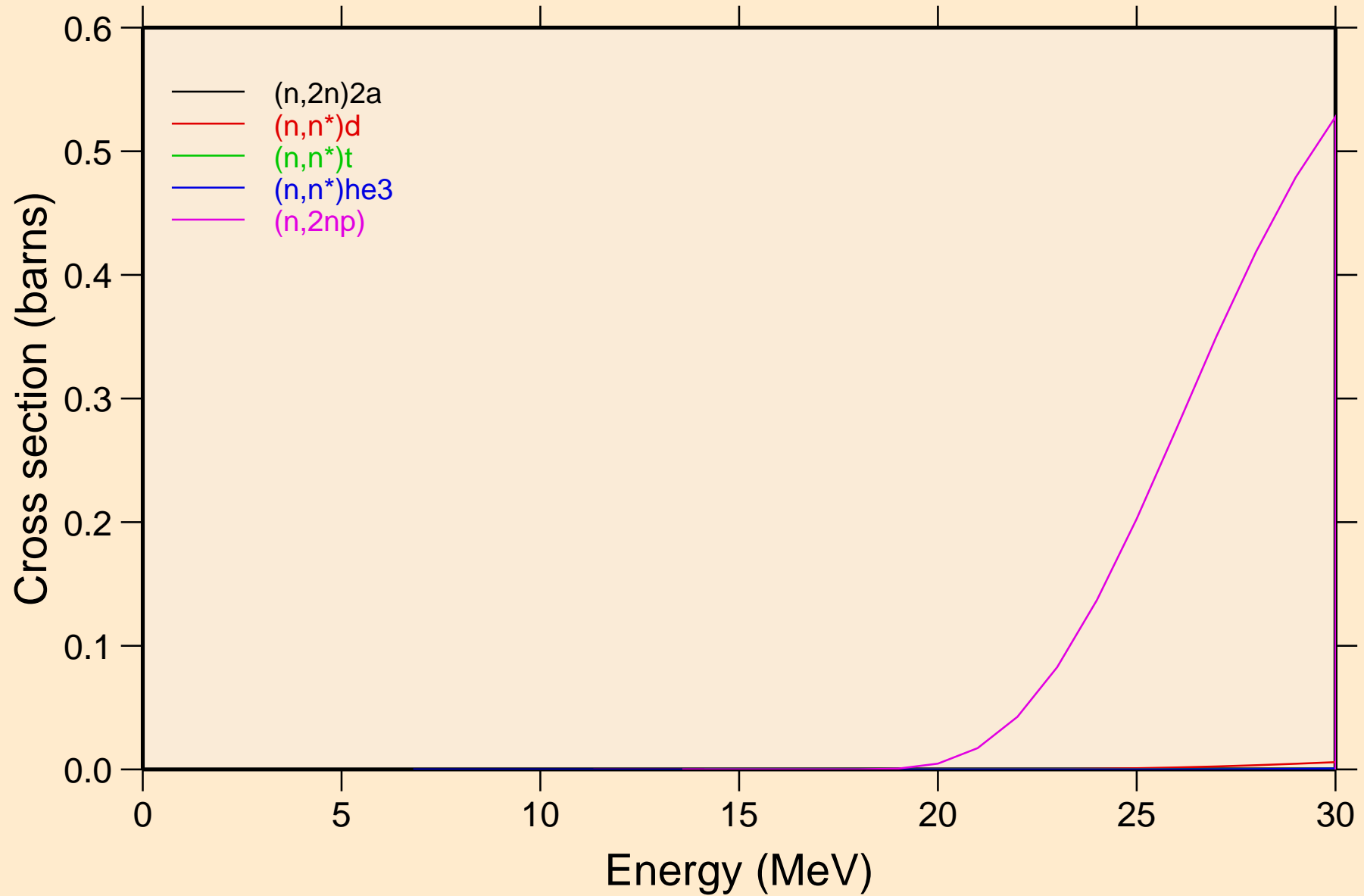
## Threshold reactions



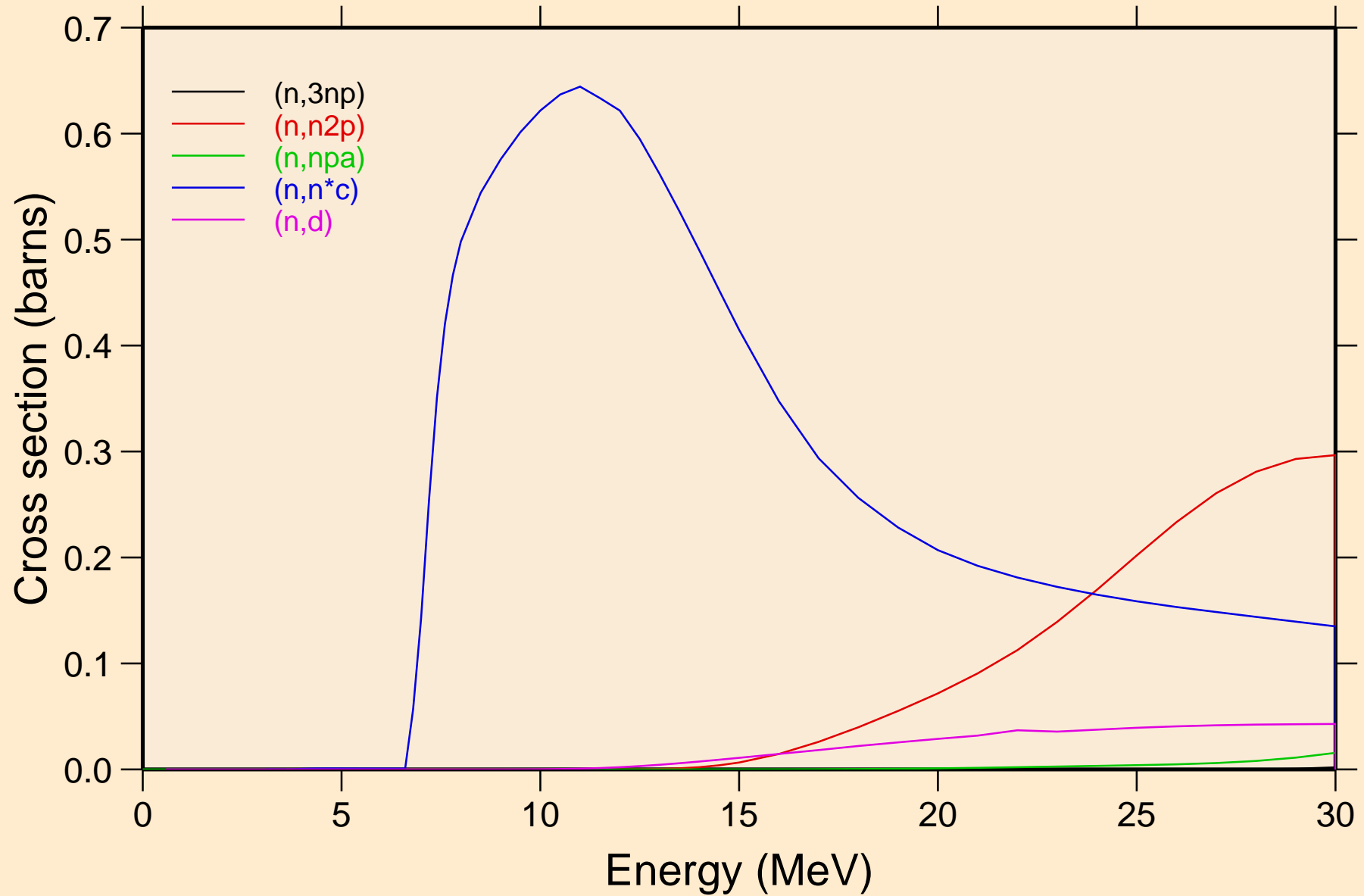
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



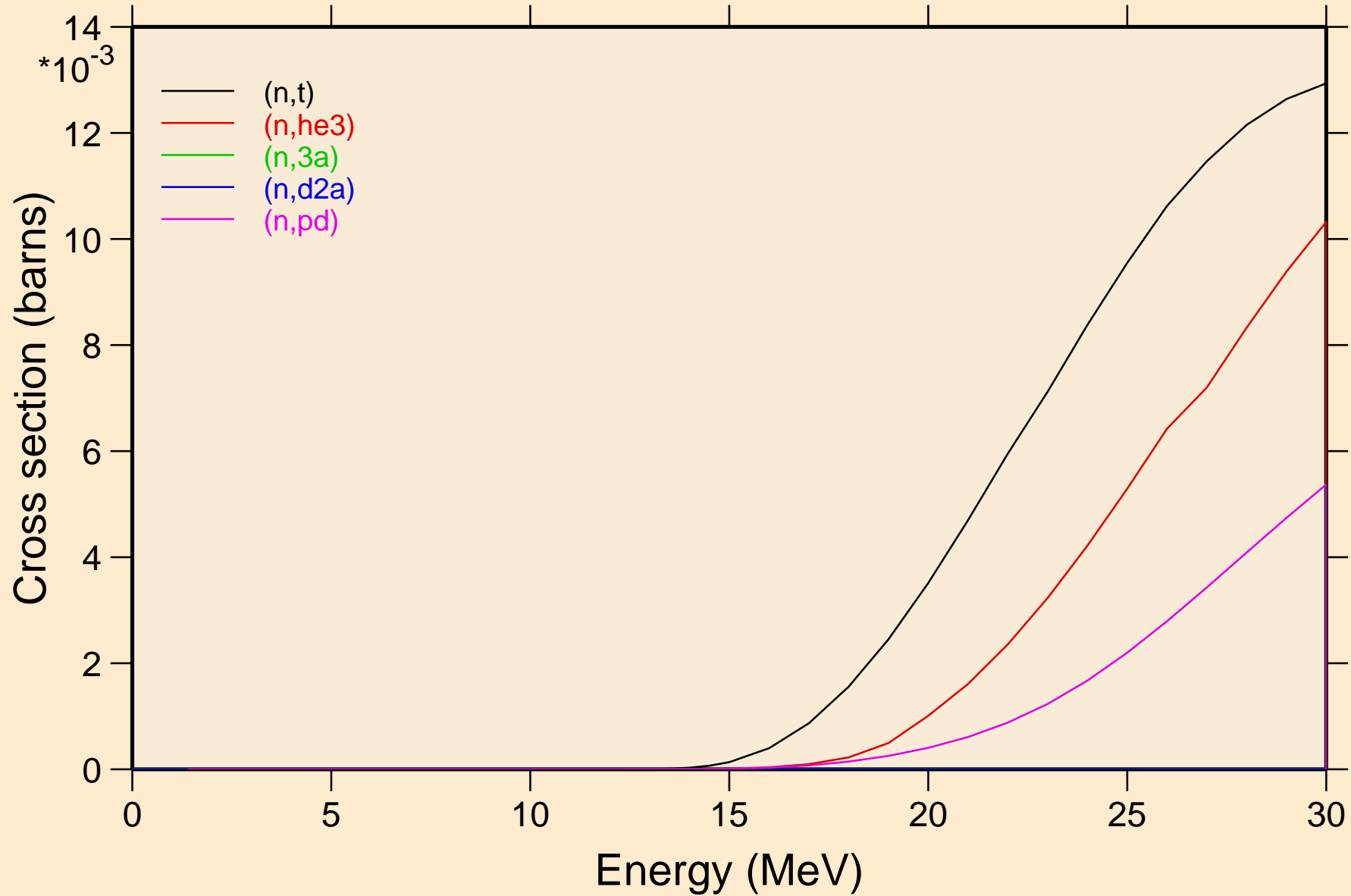
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



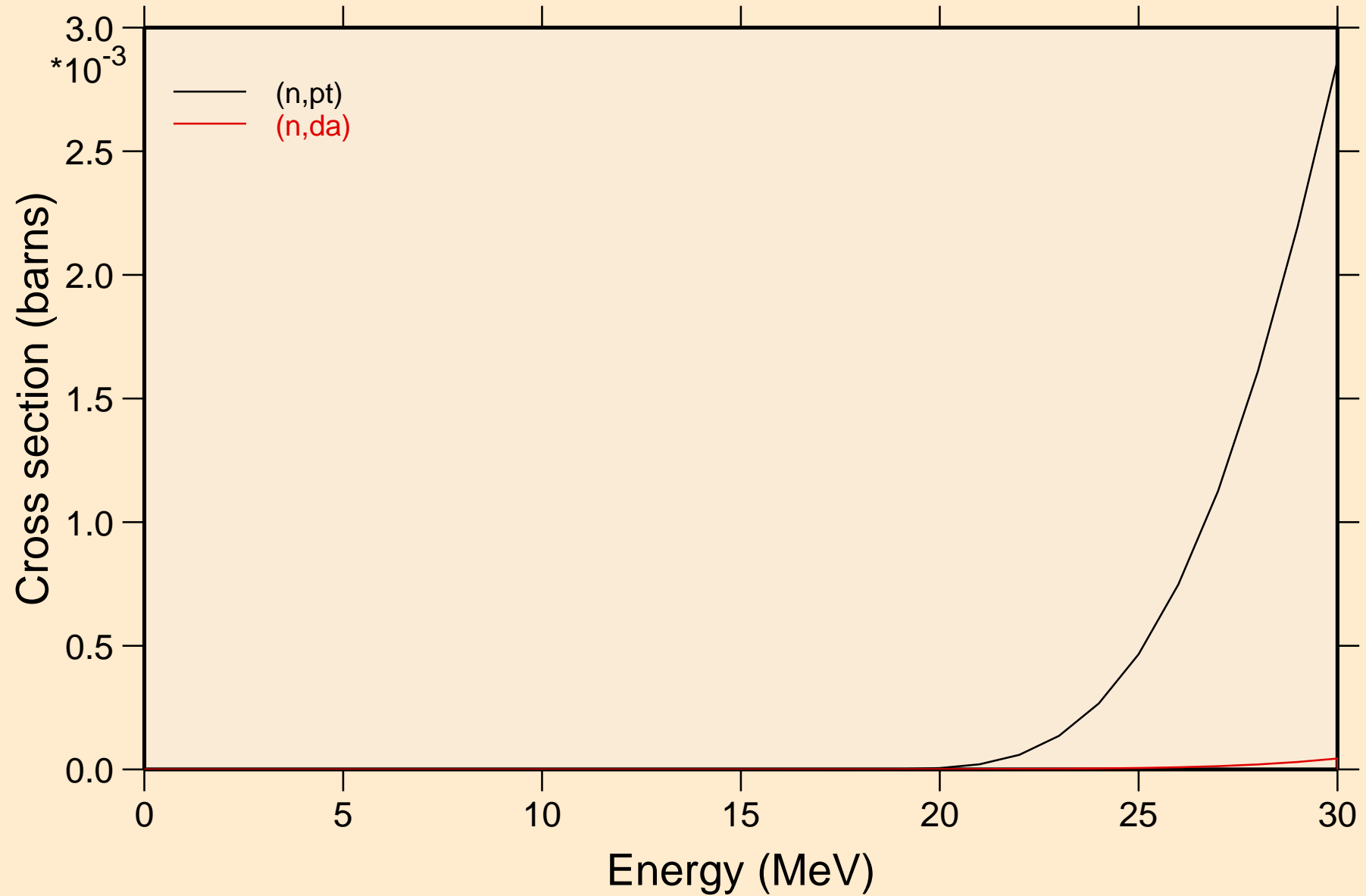
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Threshold reactions



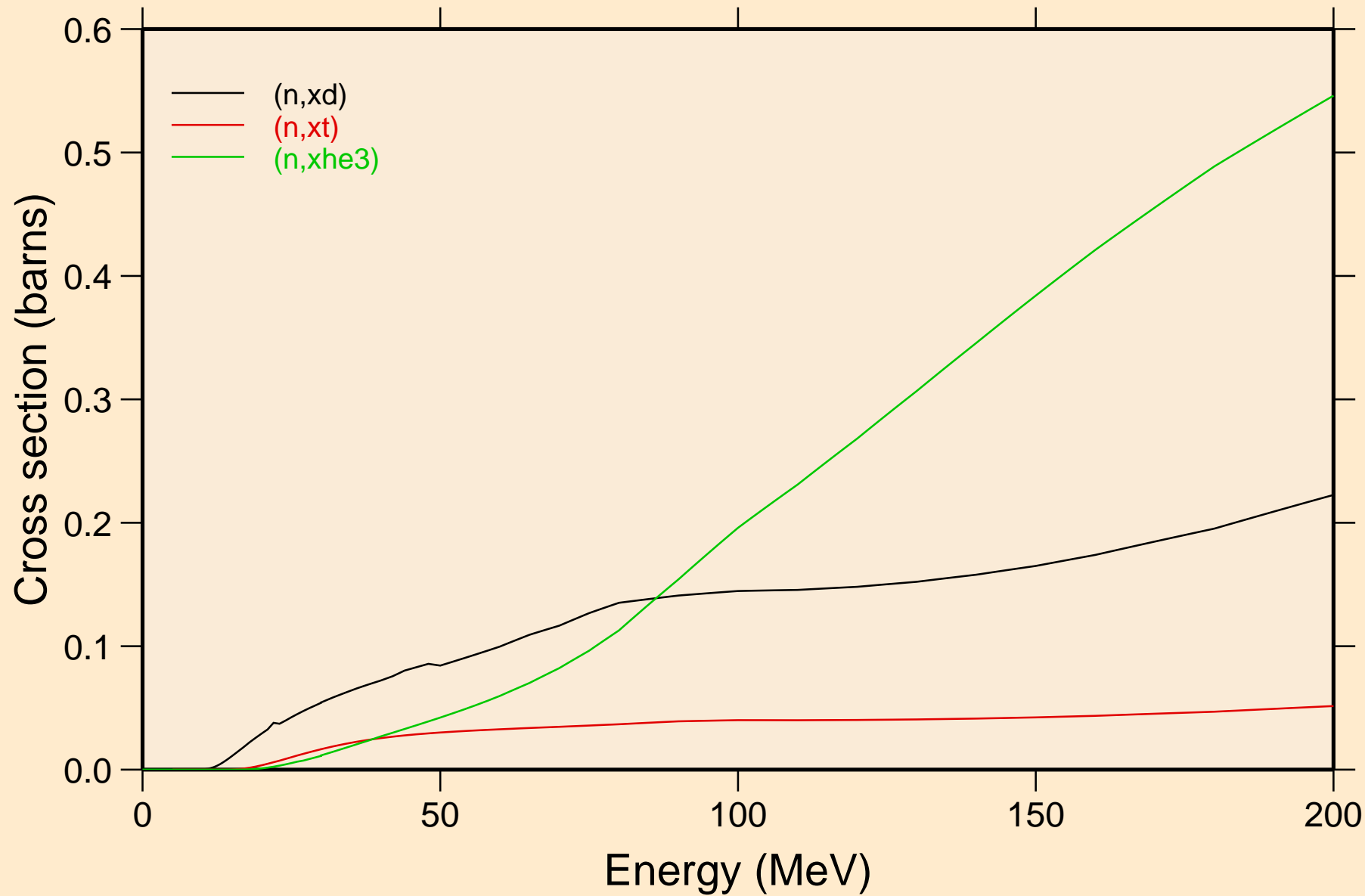
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Threshold reactions



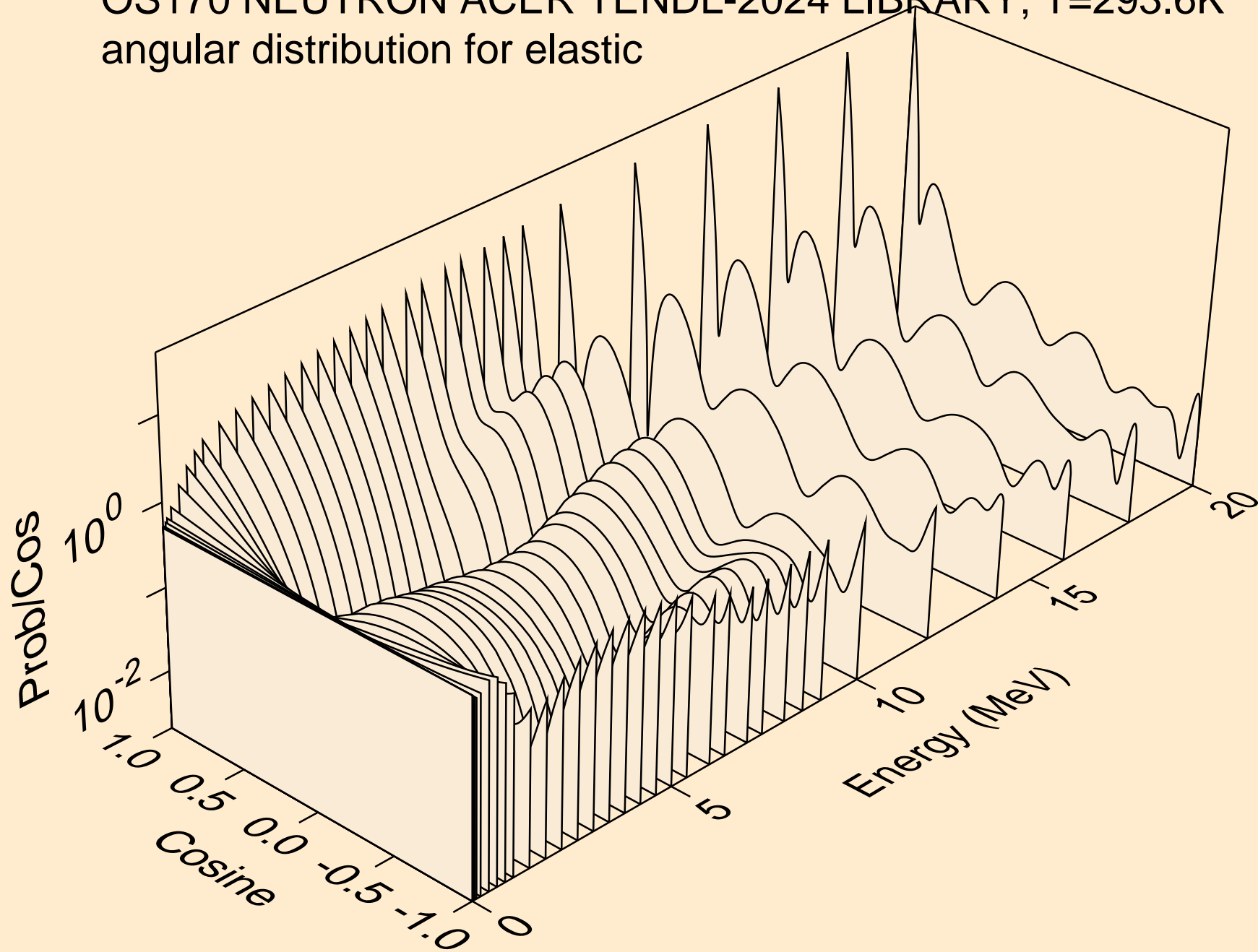
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Threshold reactions



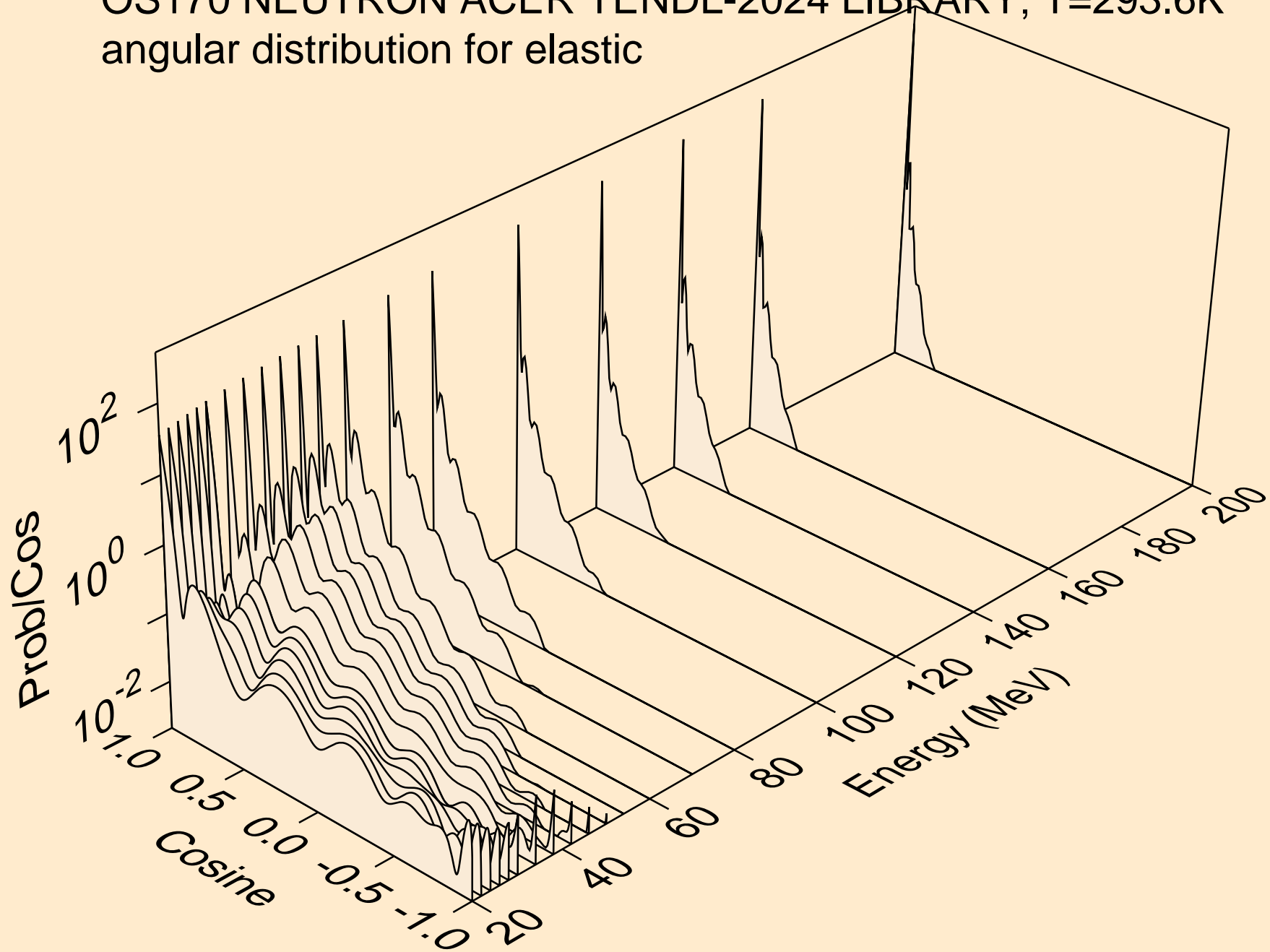
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



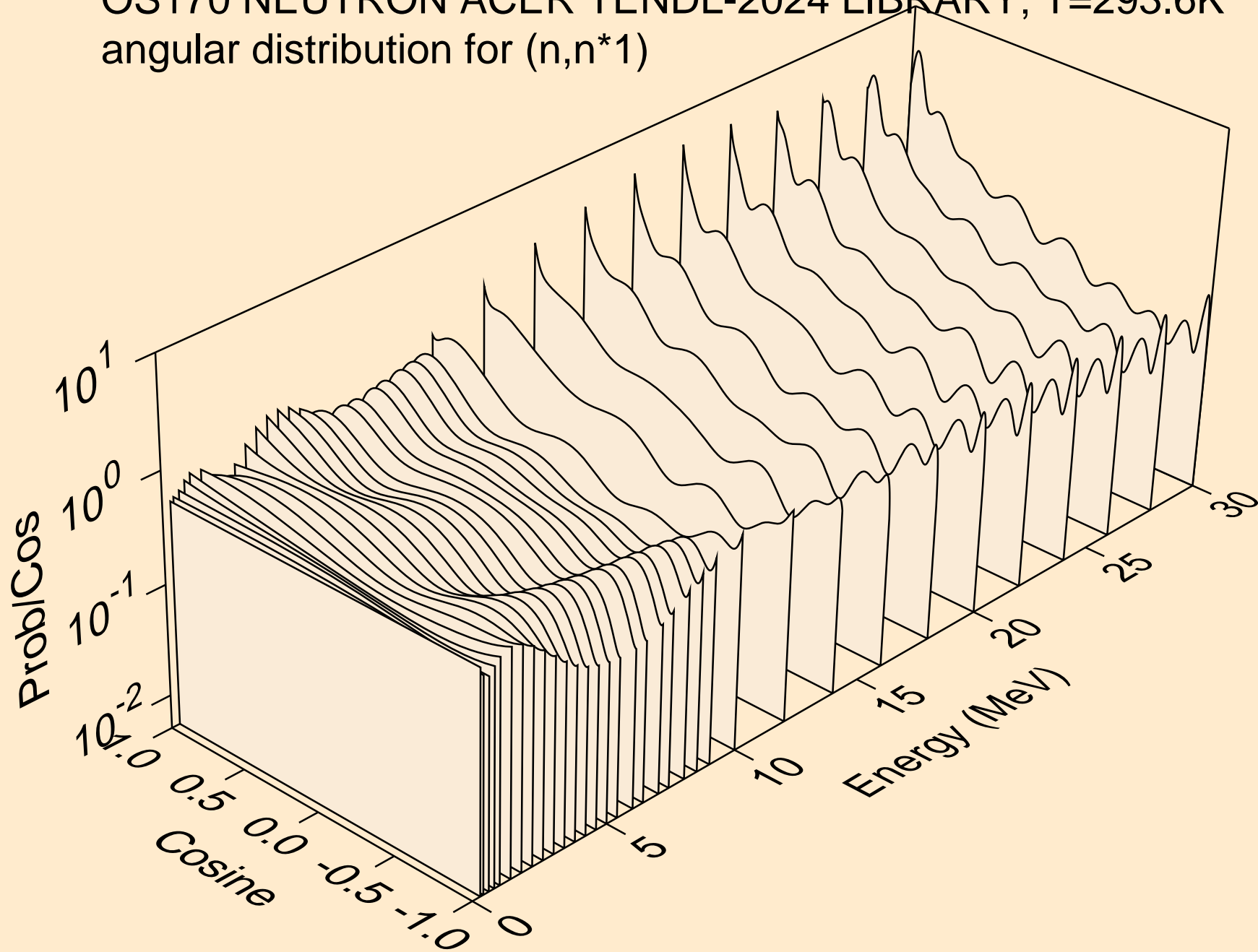
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angular distribution for elastic



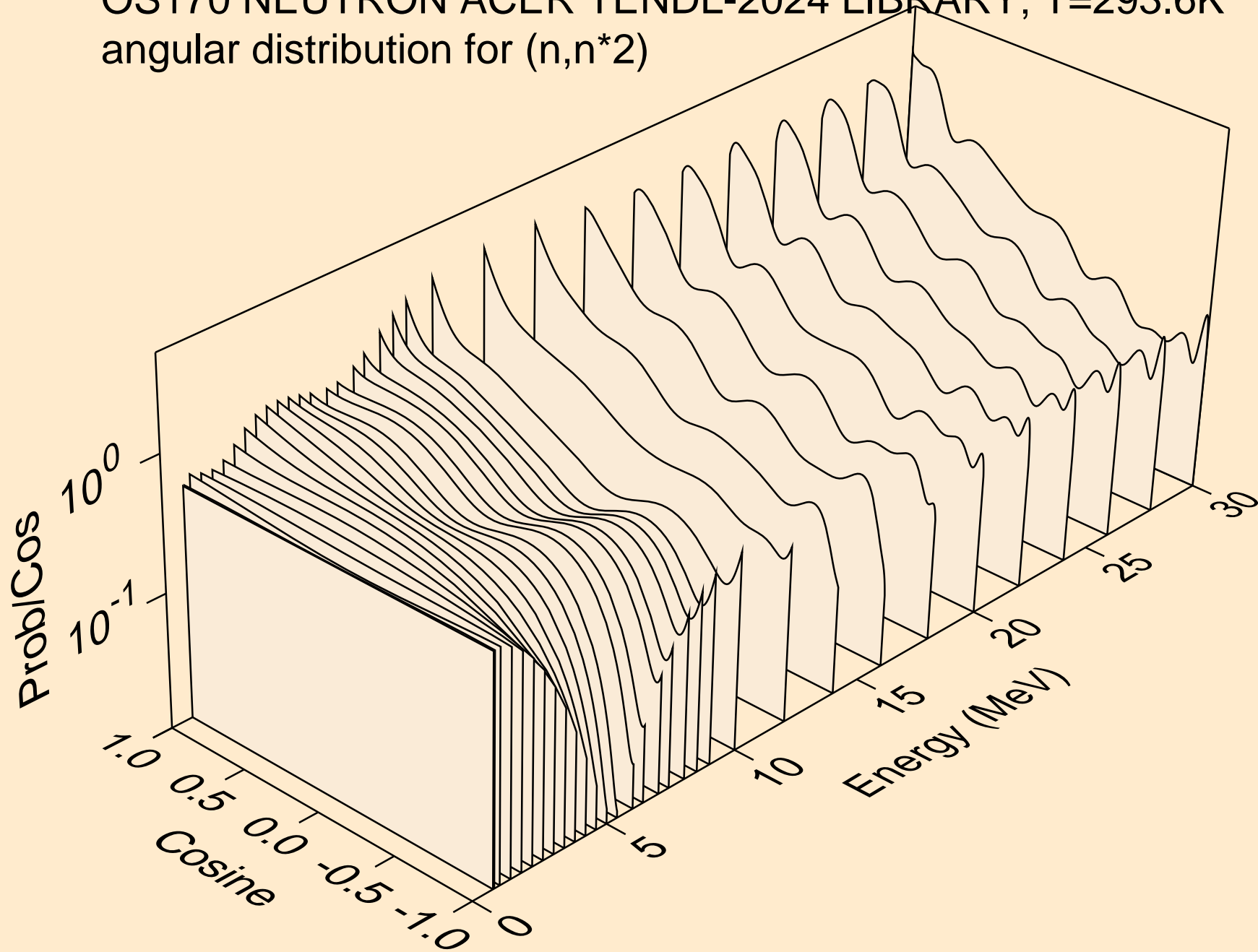
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angular distribution for elastic



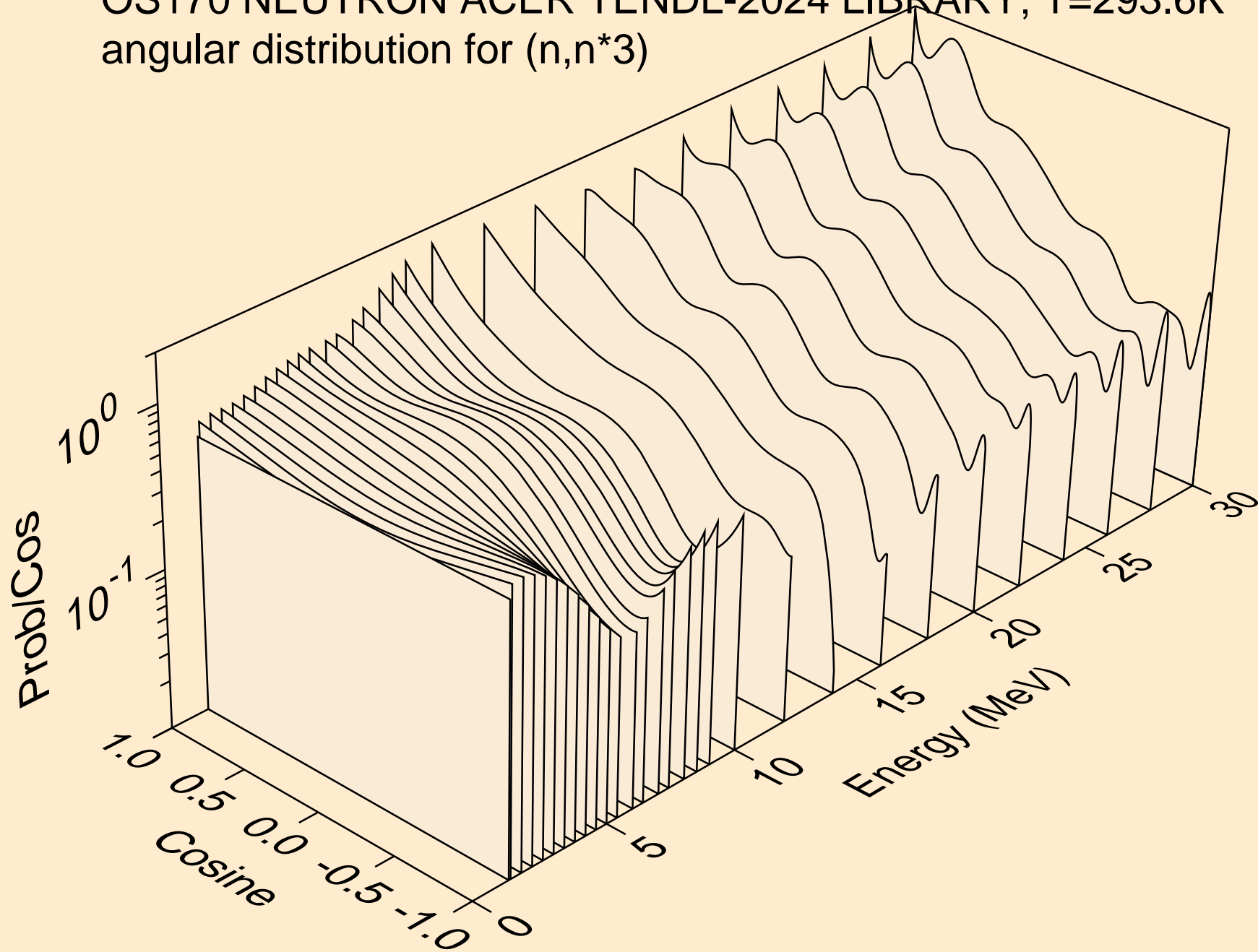
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angular distribution for (n,n\*1)



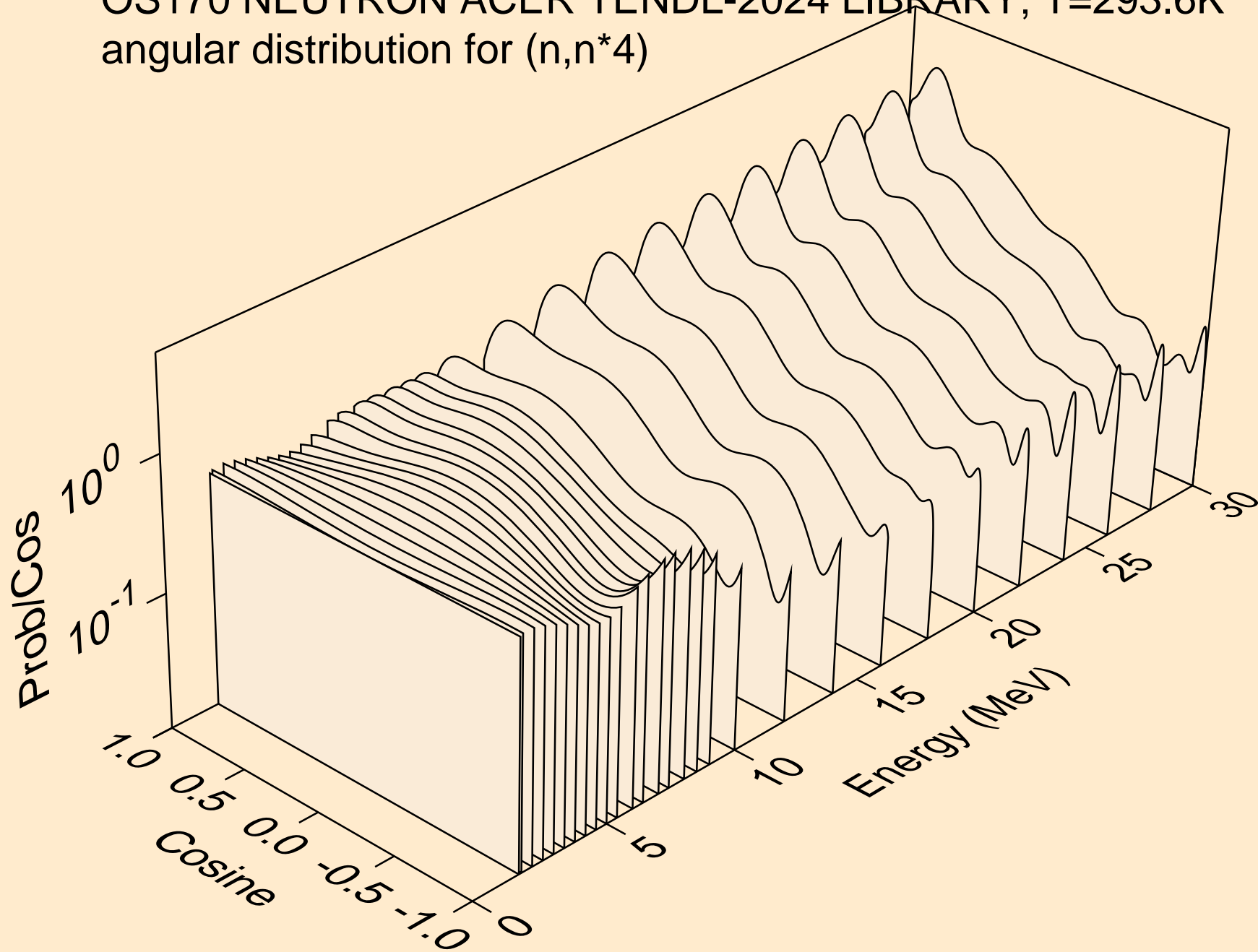
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angular distribution for (n,n\*2)



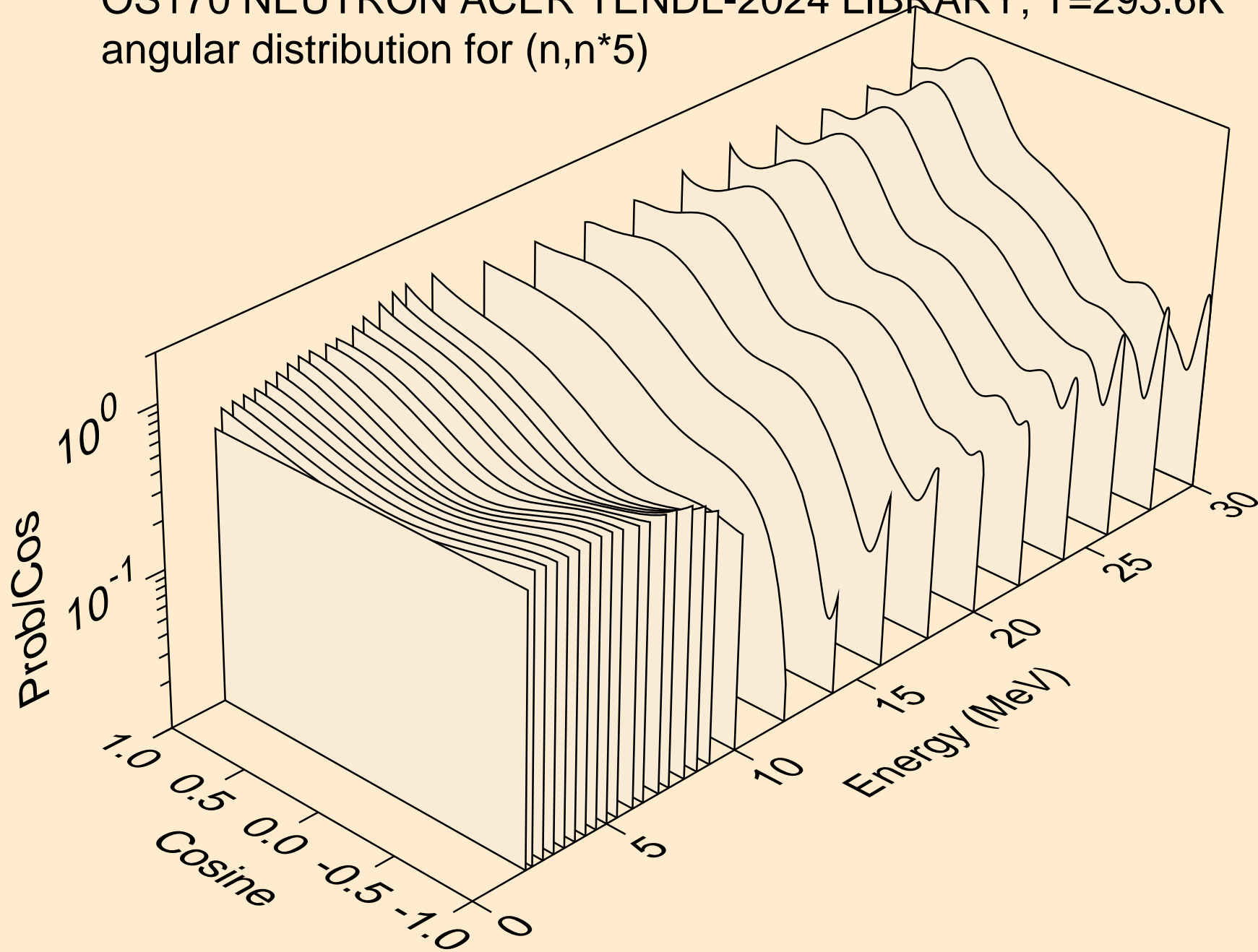
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angular distribution for (n,n\*3)



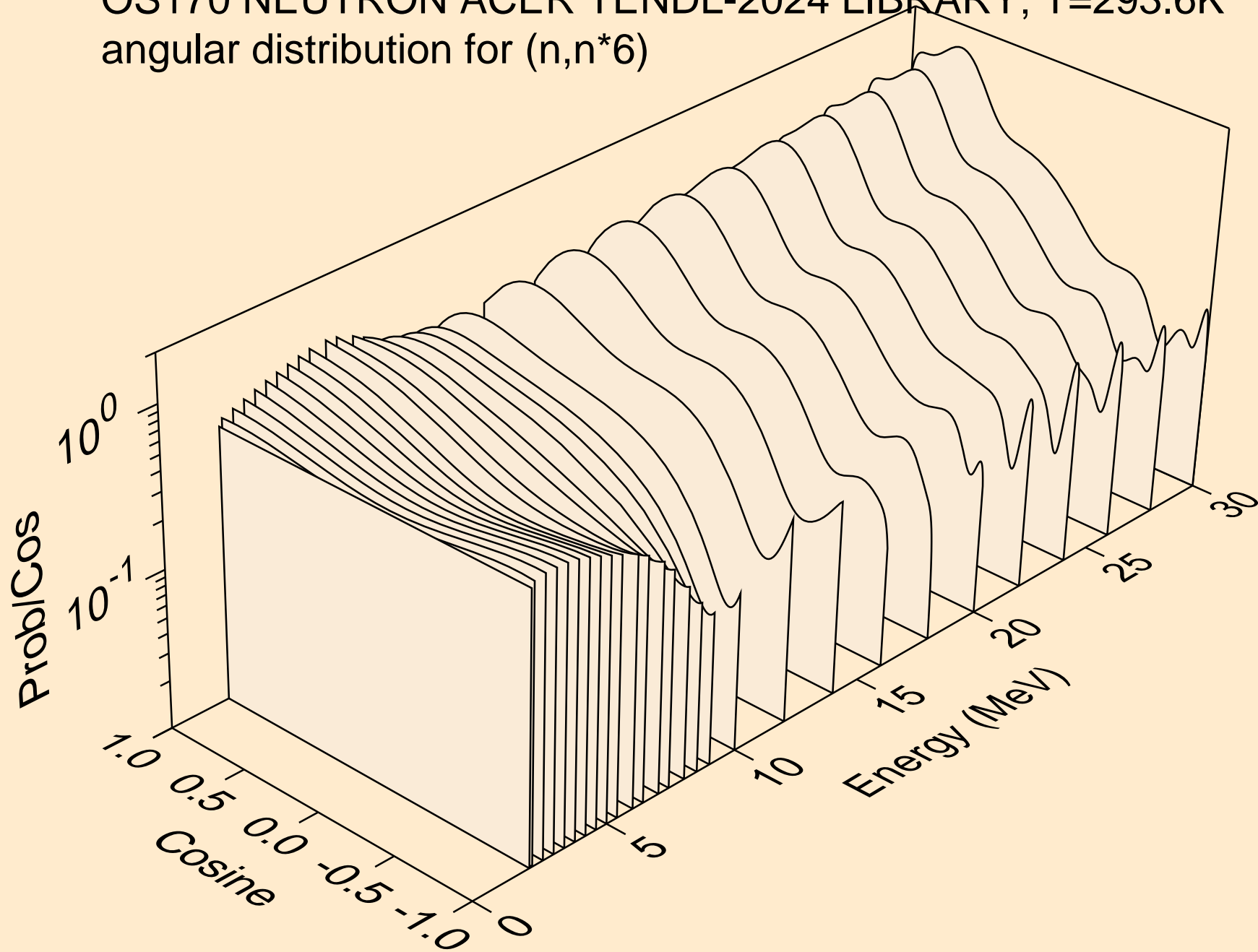
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angular distribution for (n,n\*4)



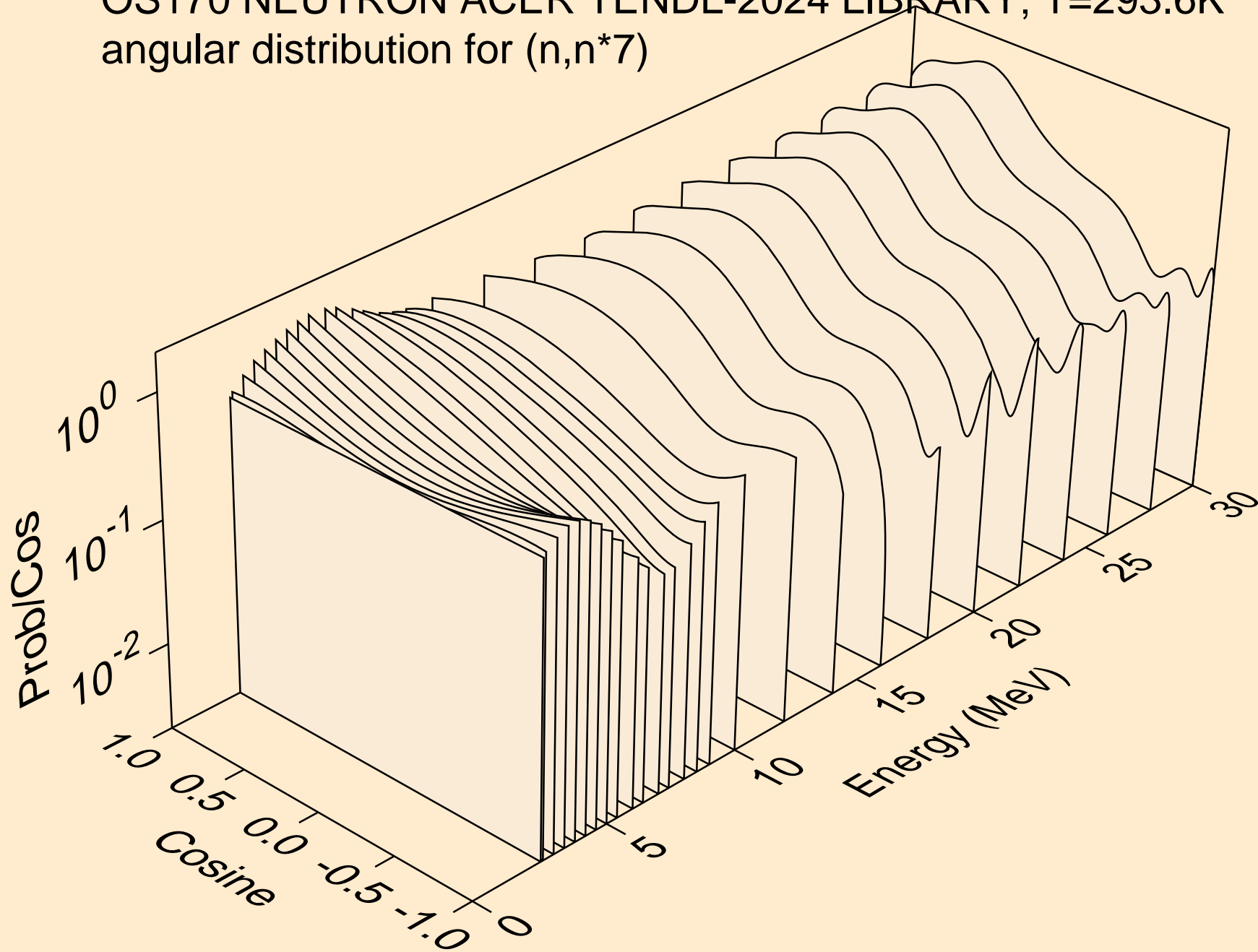
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angular distribution for (n,n\*5)



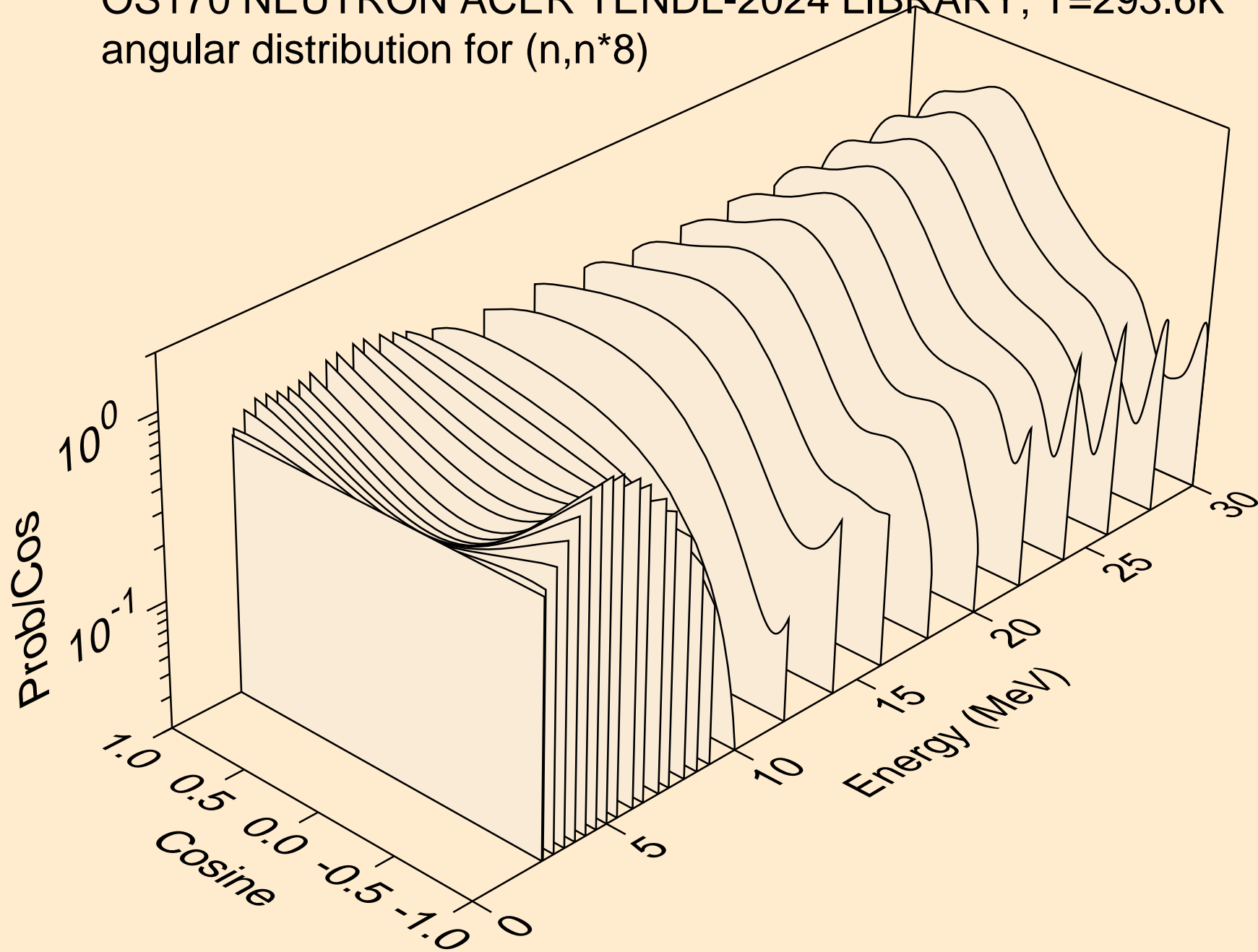
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angular distribution for (n,n\*6)



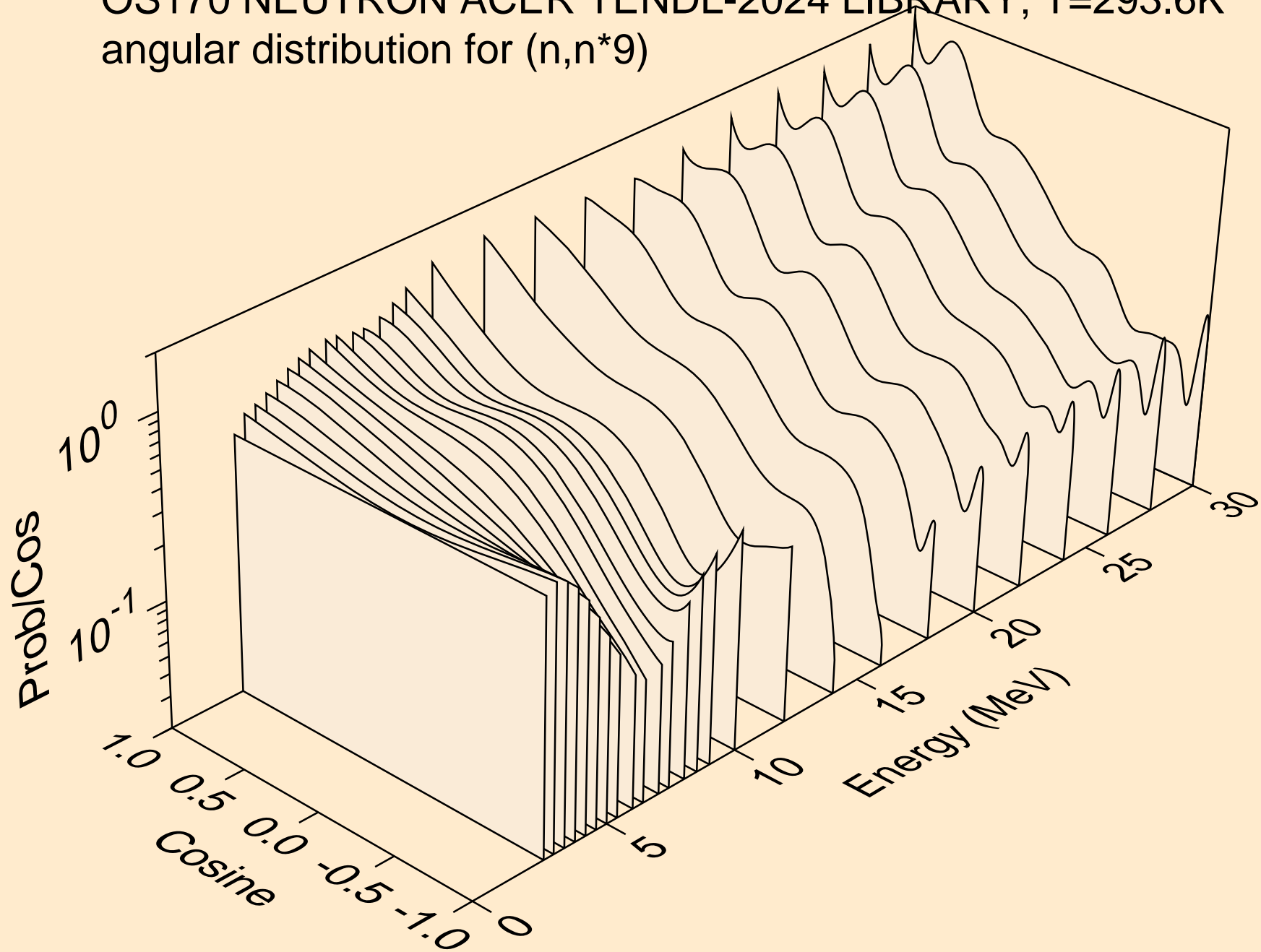
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angular distribution for (n,n\*7)



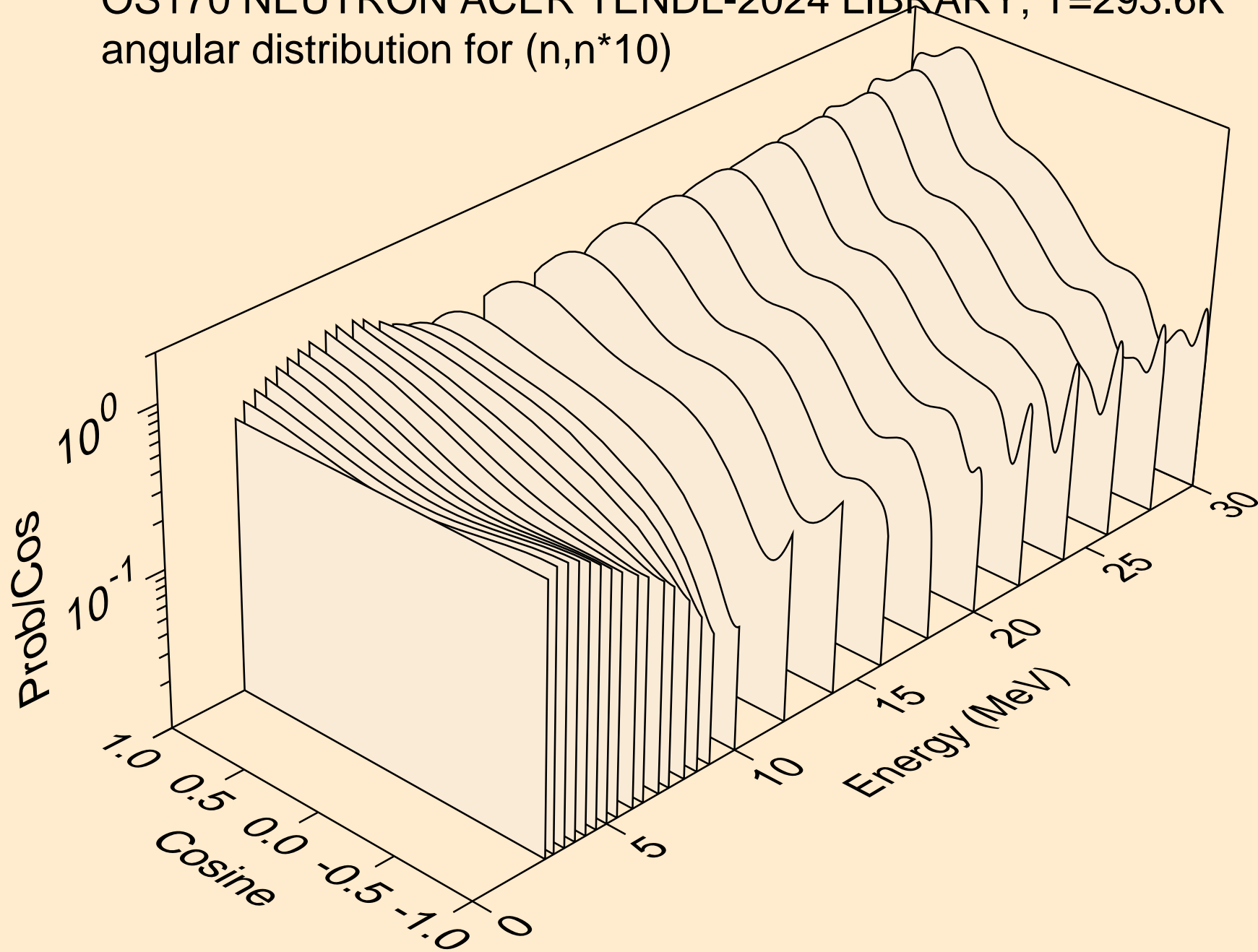
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angular distribution for (n,n\*8)



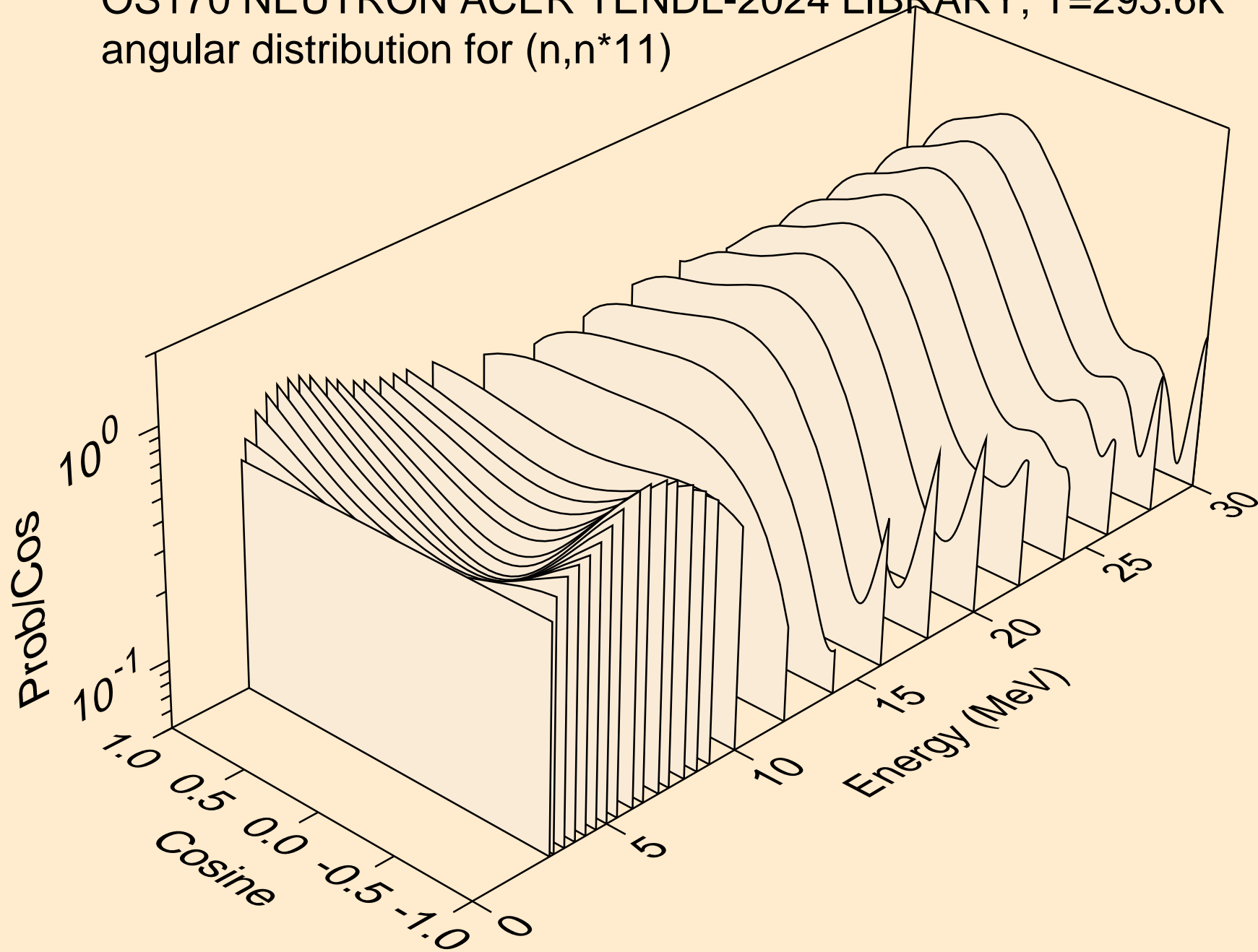
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angular distribution for (n,n\*9)



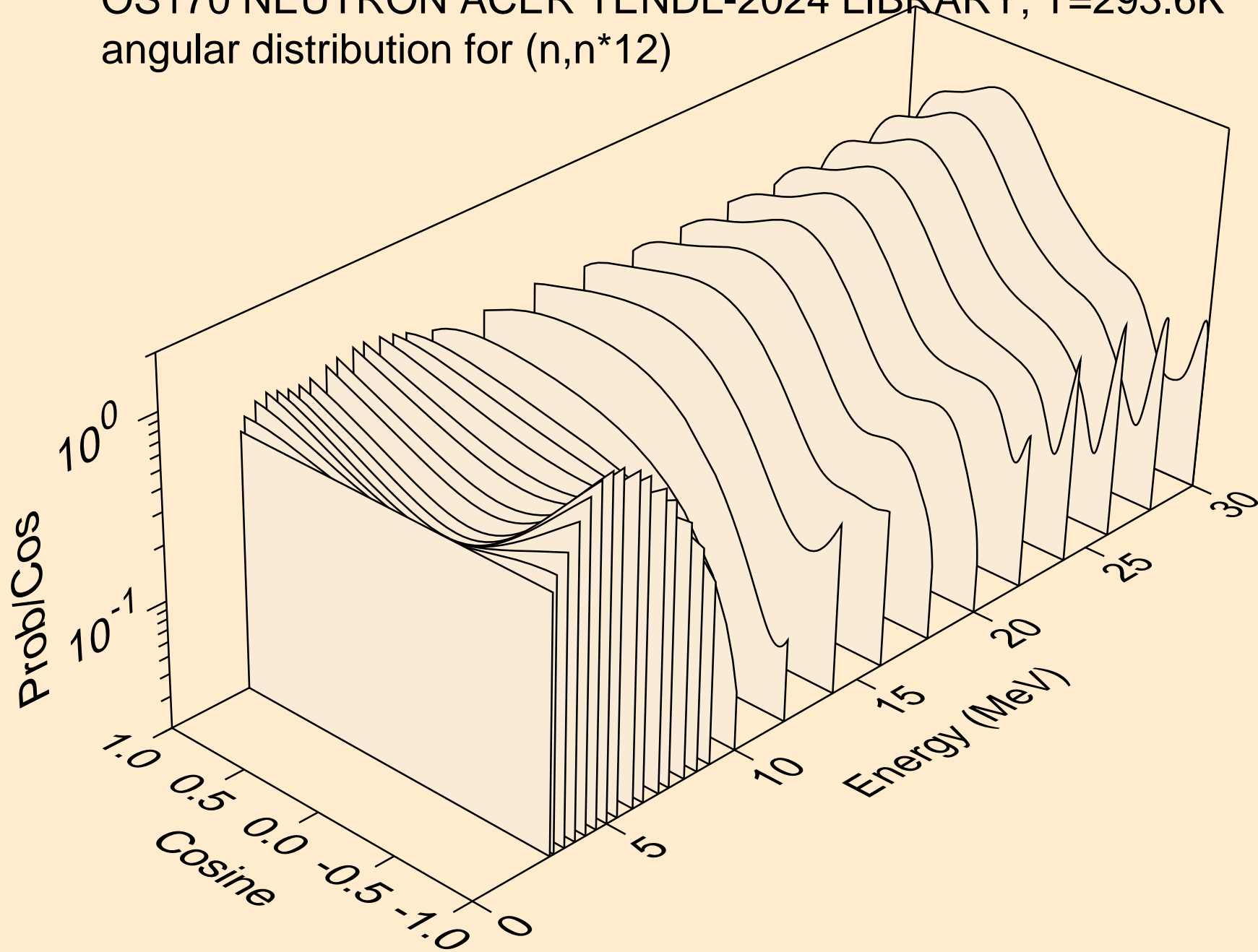
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angular distribution for (n,n\*10)



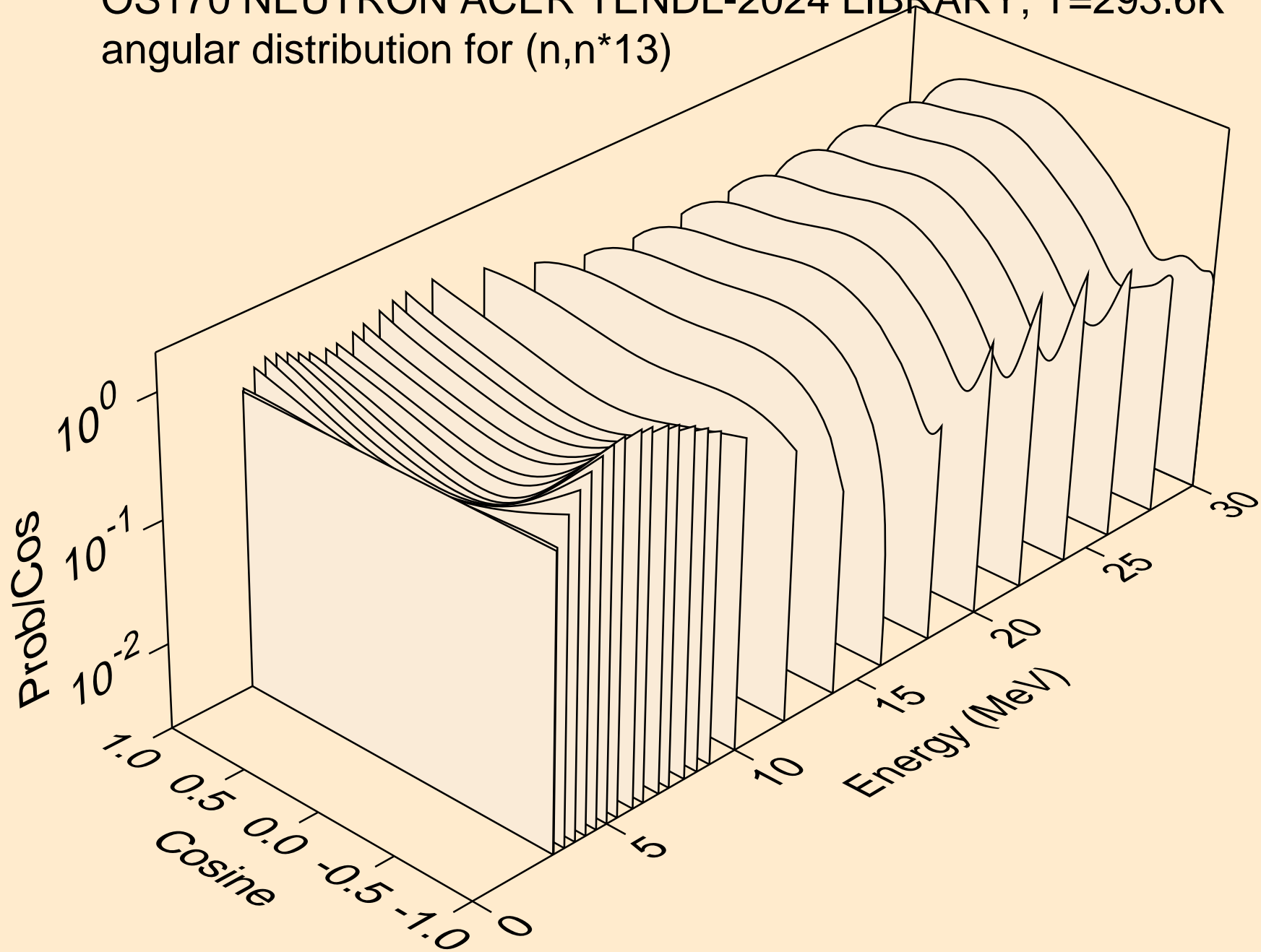
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angular distribution for (n,n\*11)



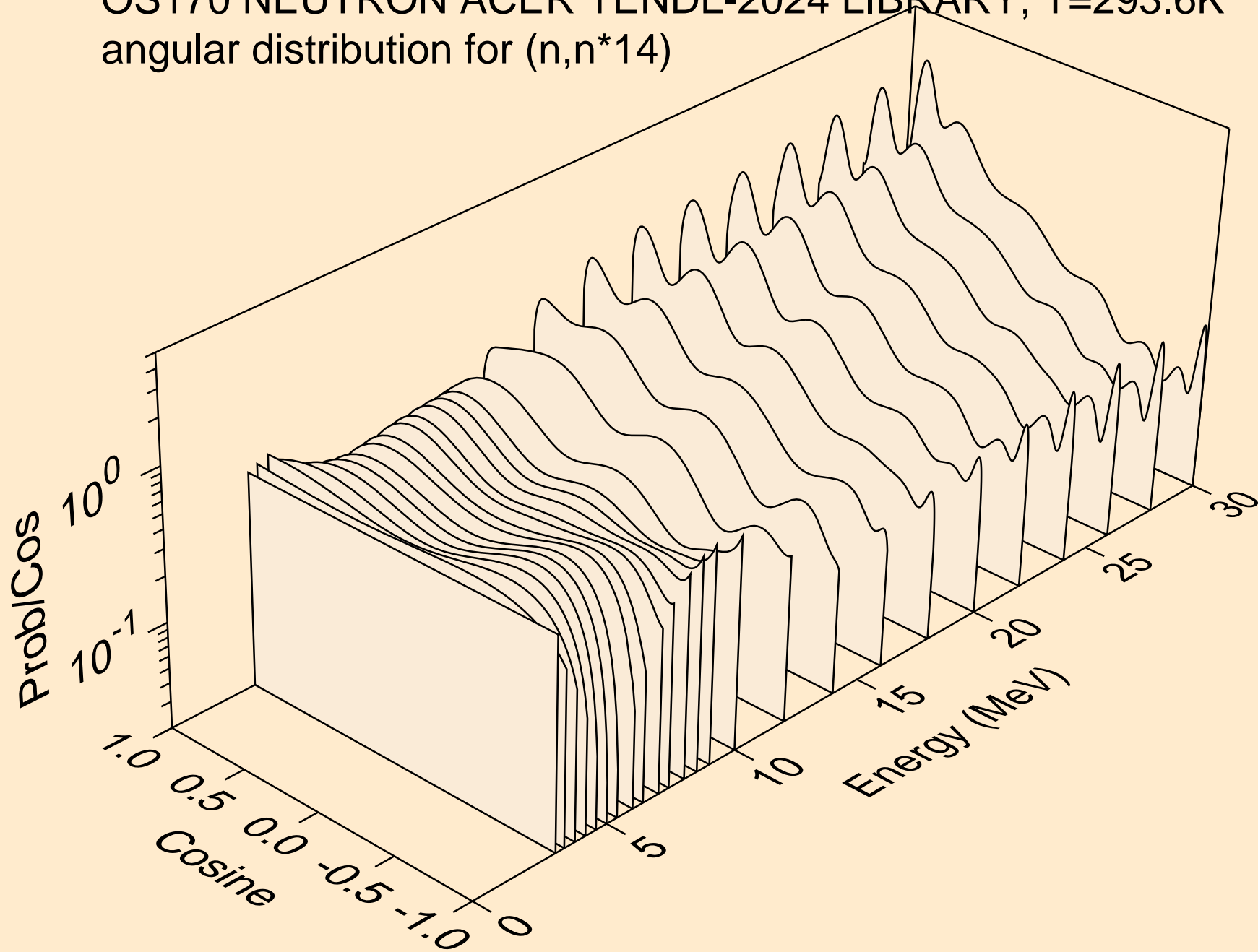
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angular distribution for (n,n\*12)



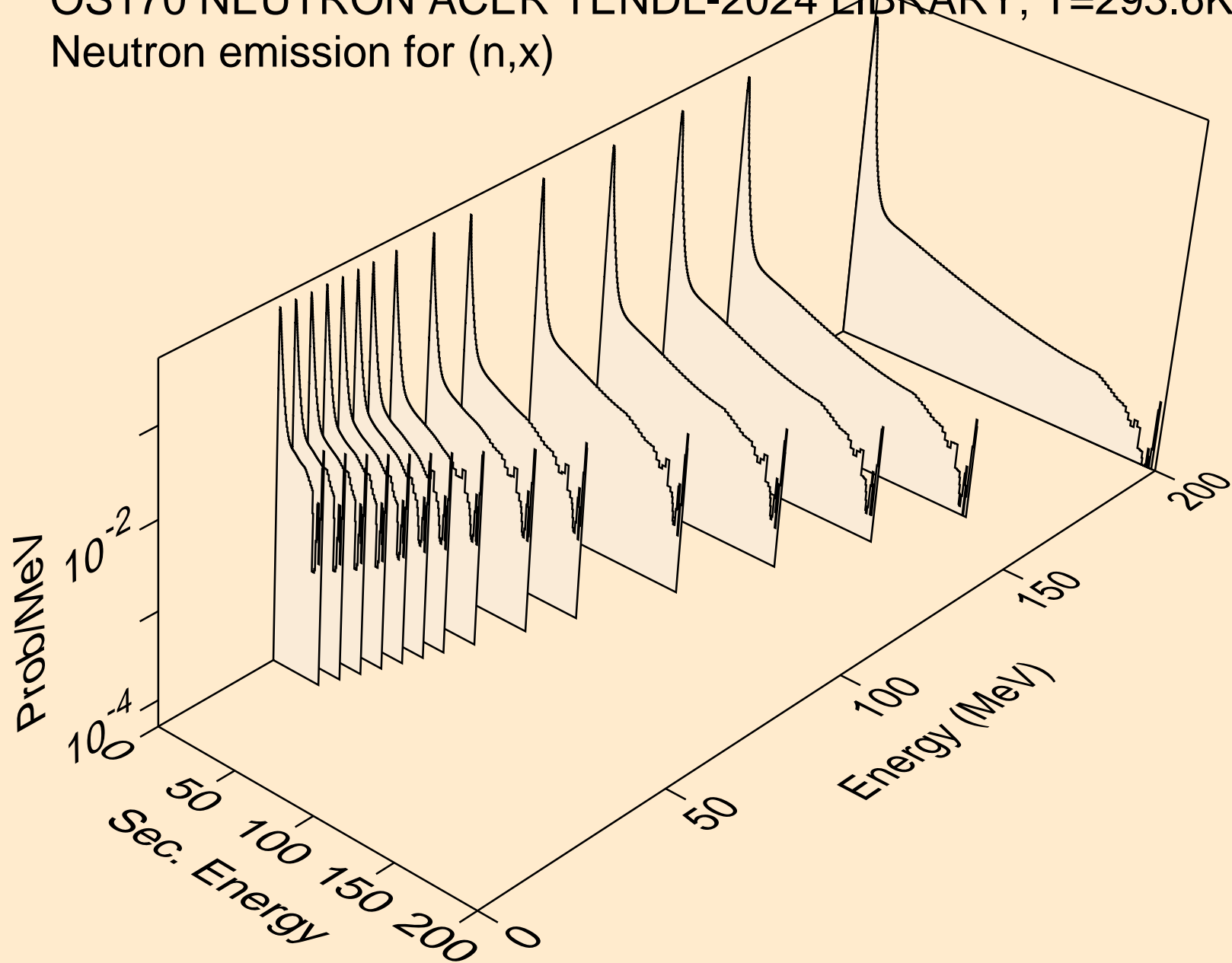
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angular distribution for (n,n\*13)



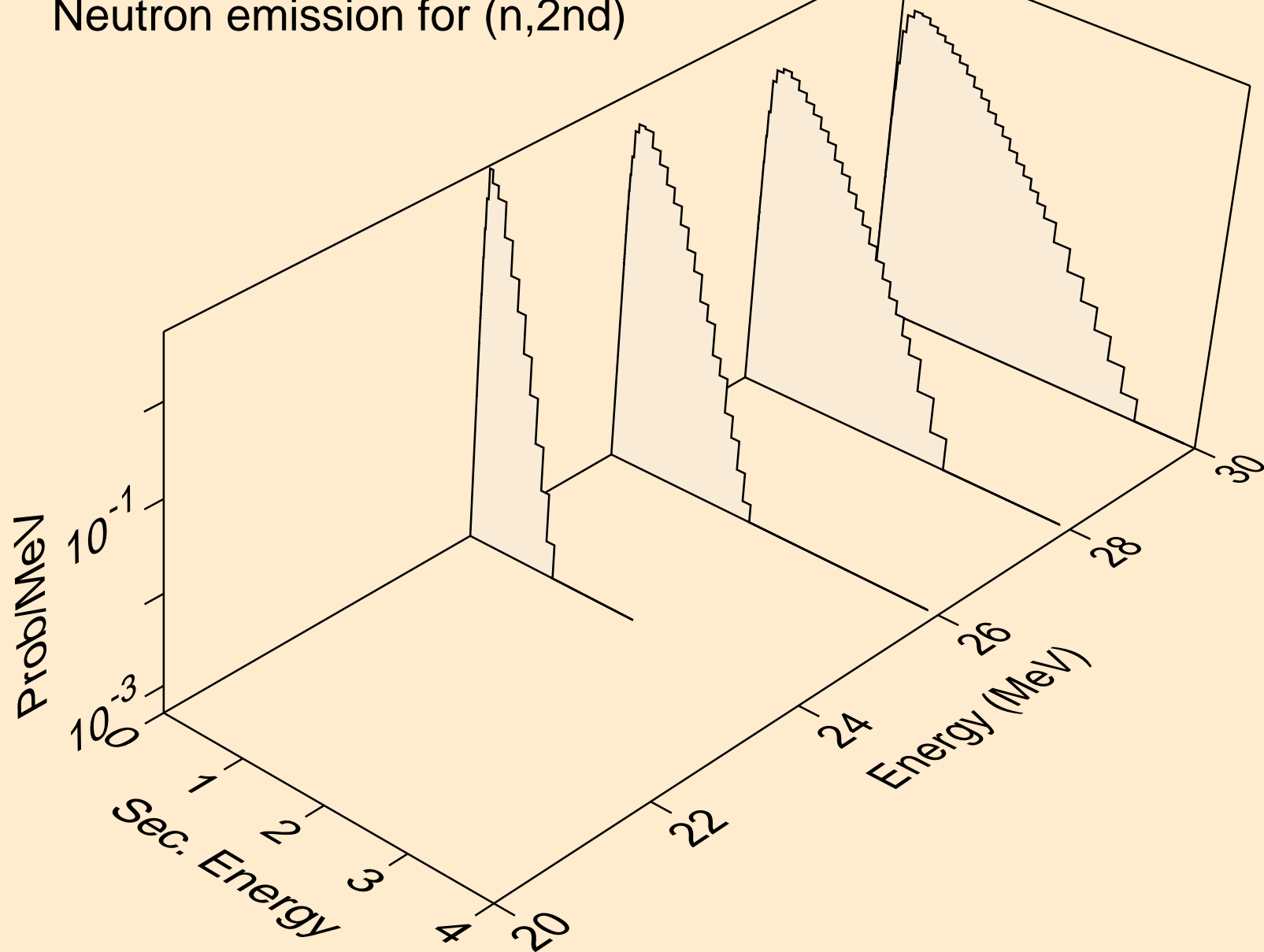
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angular distribution for (n,n\*14)



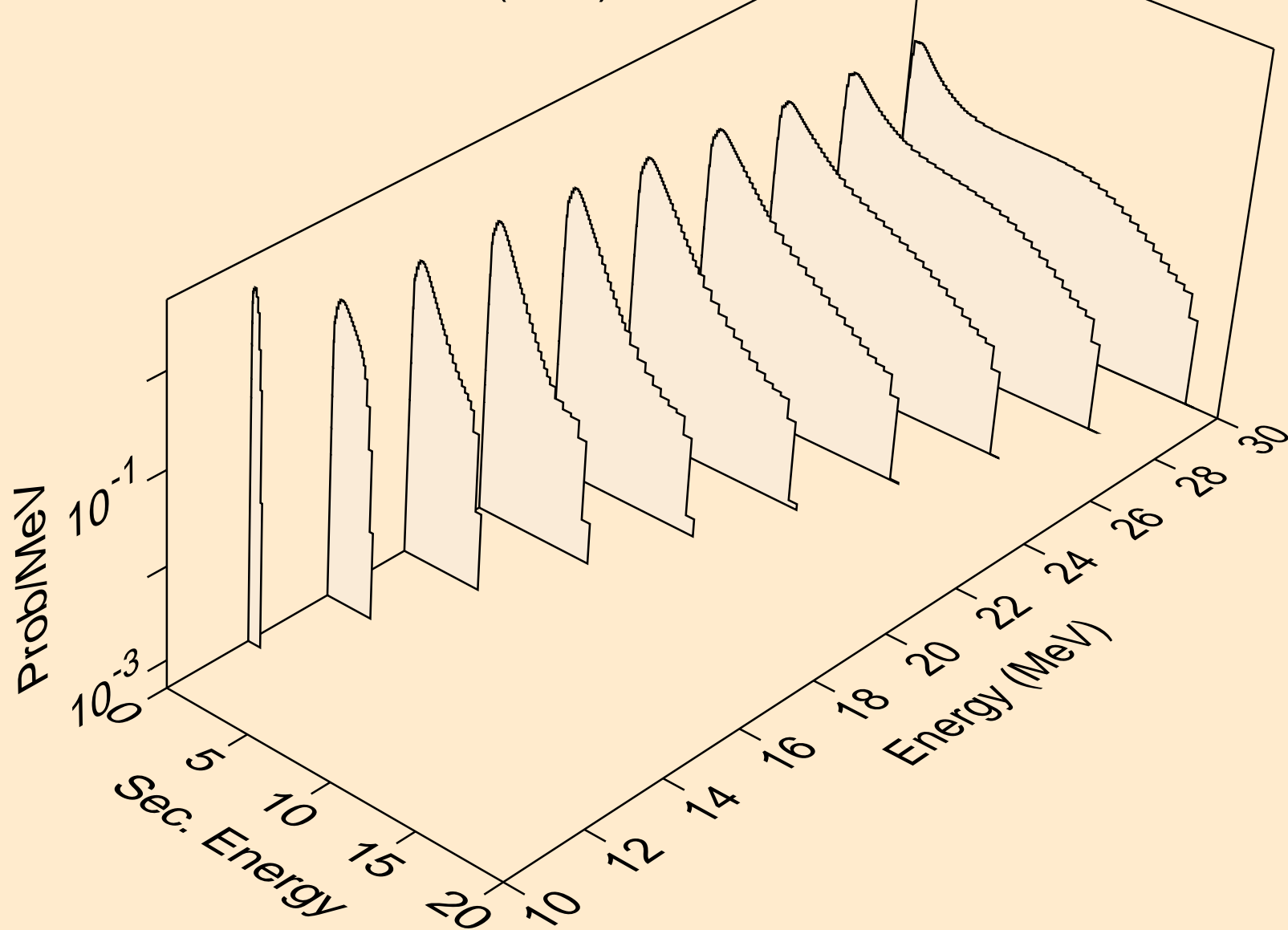
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Neutron emission for (n,x)



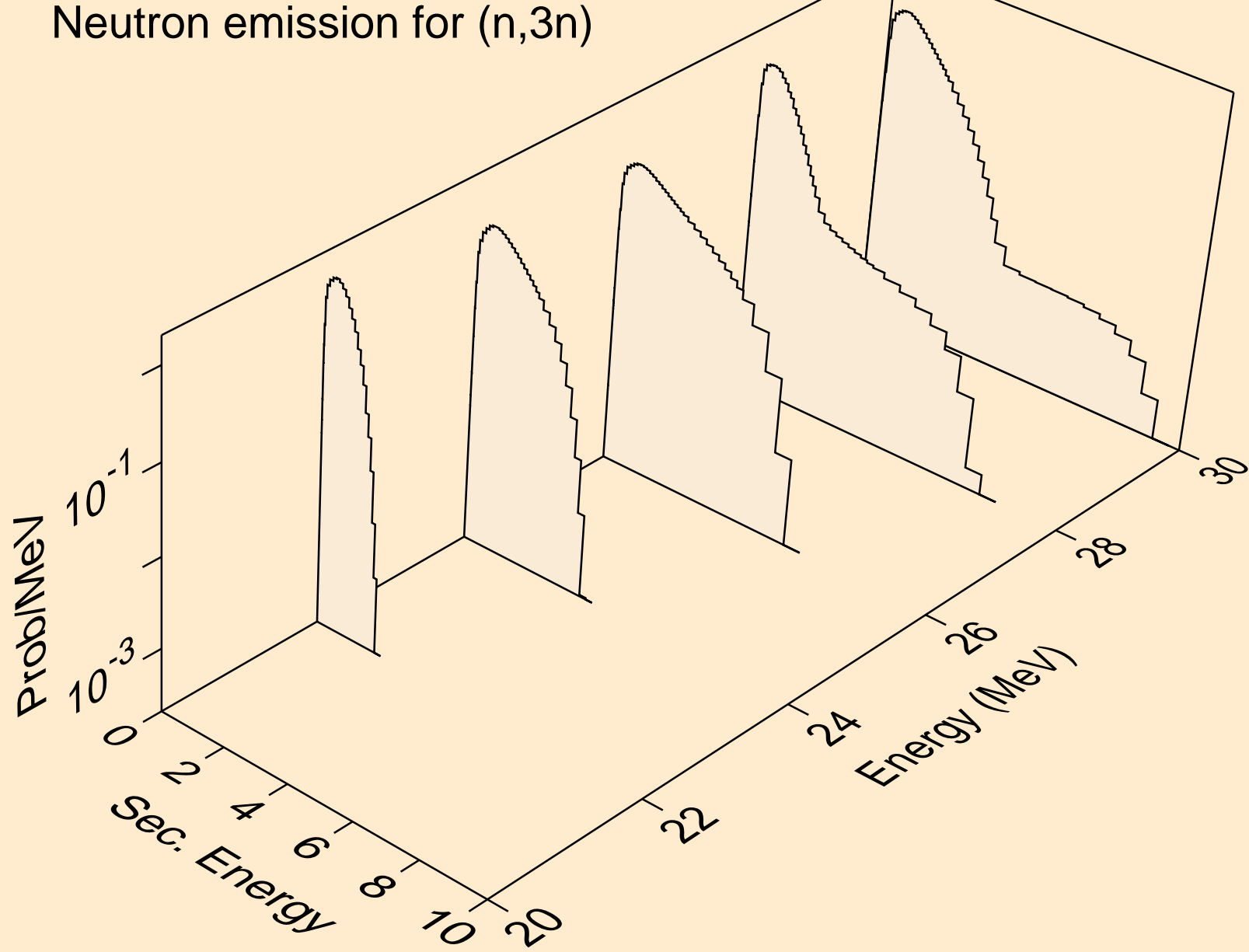
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



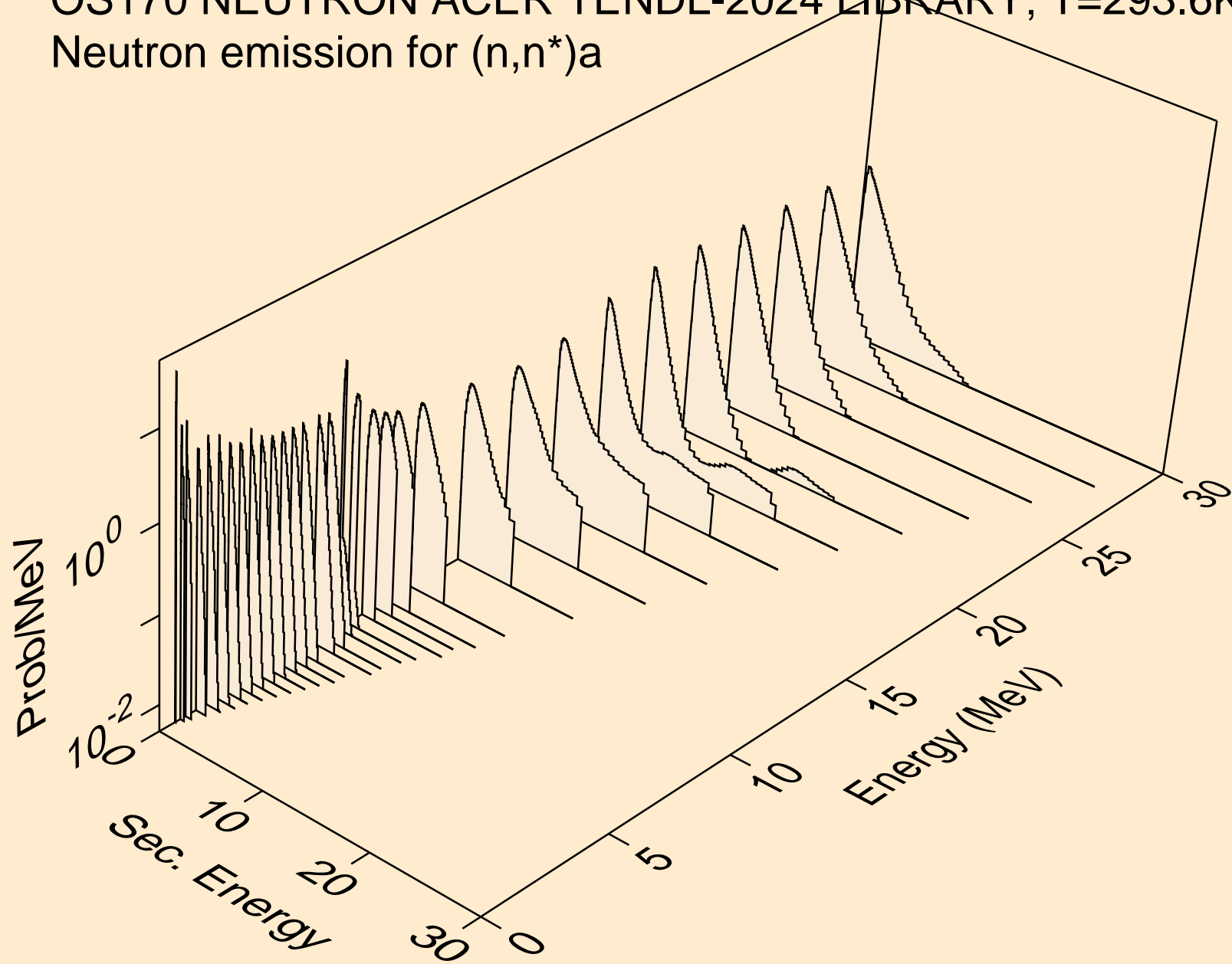
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Neutron emission for (n,2n)



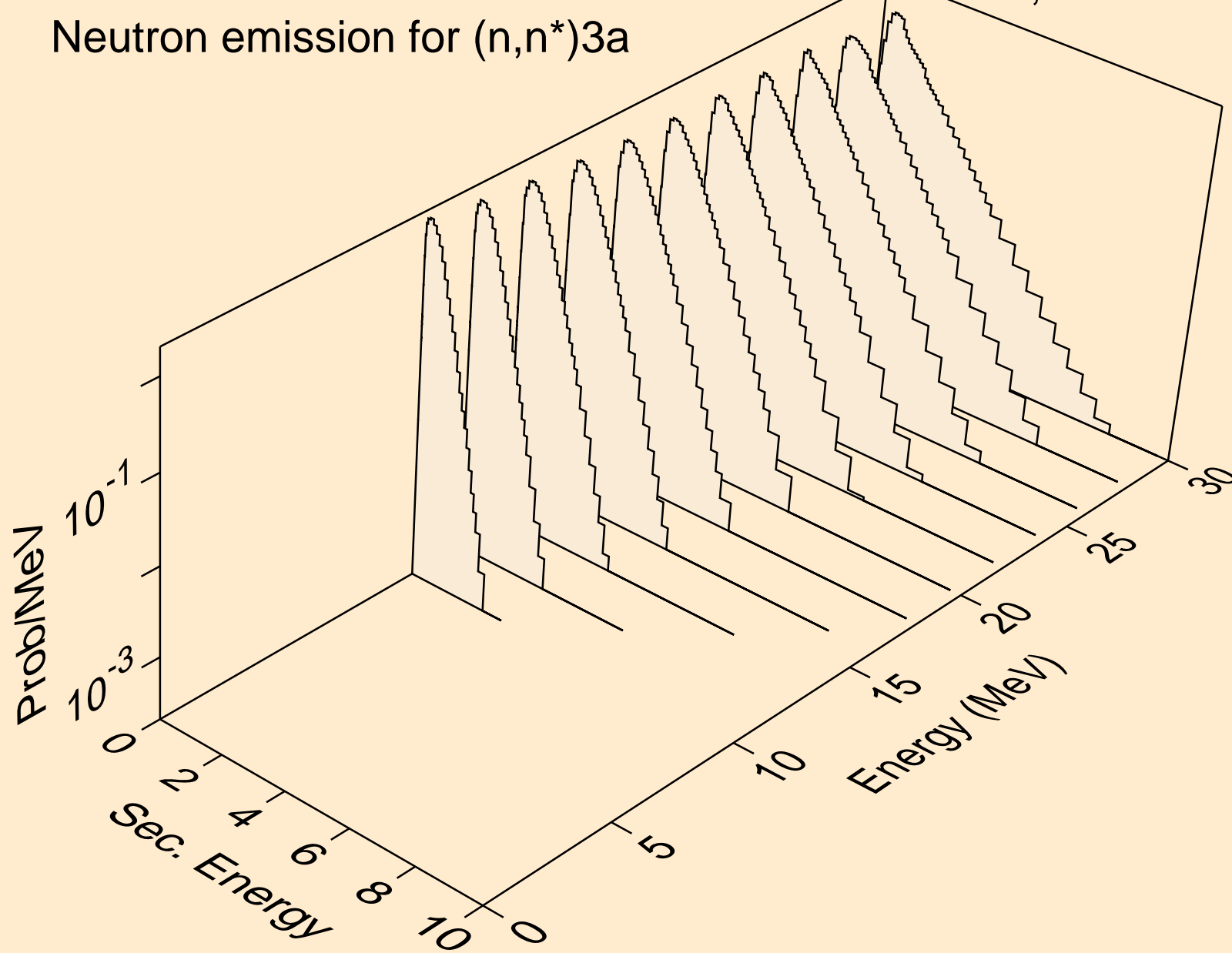
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Neutron emission for (n,3n)



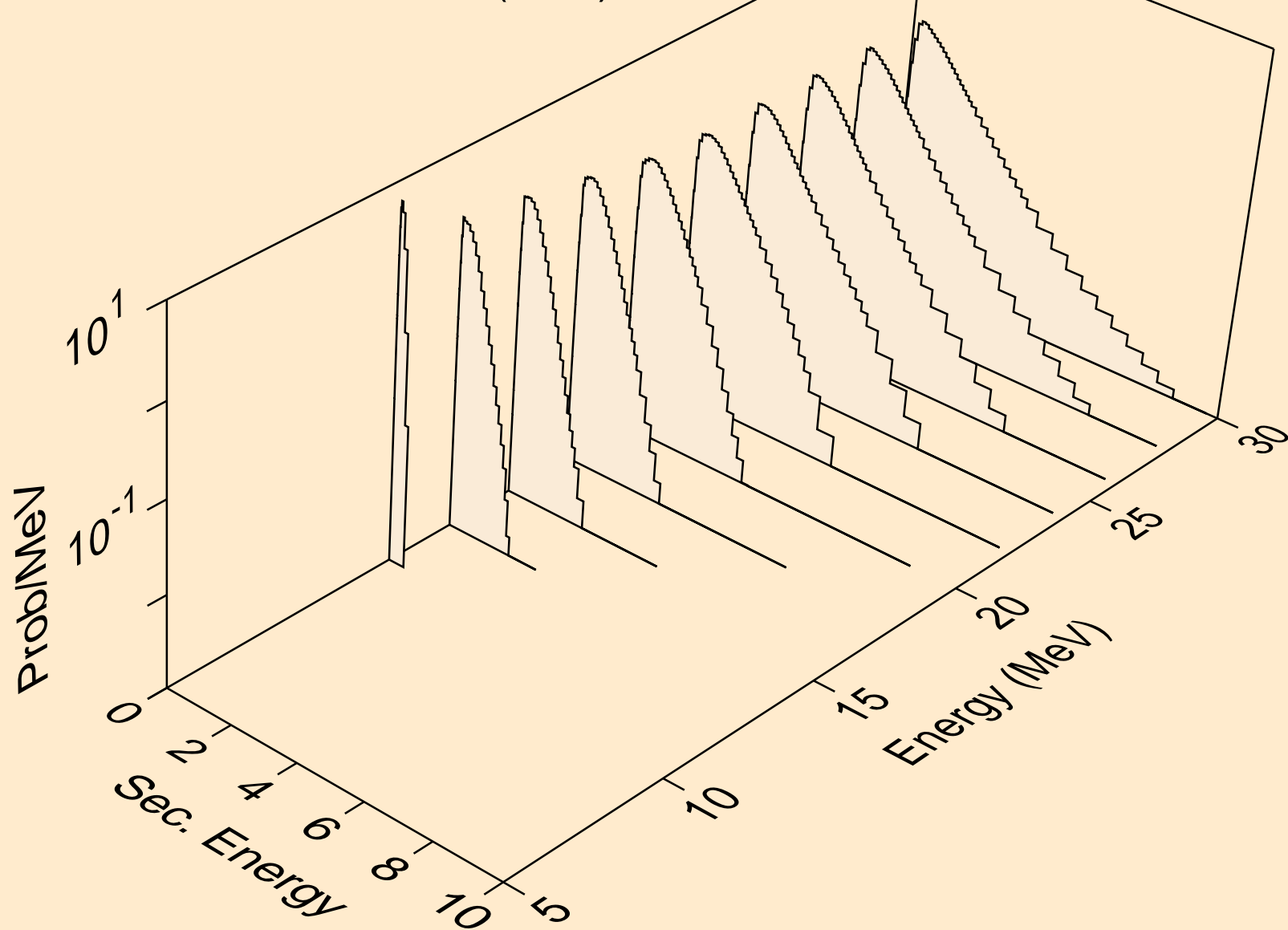
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Neutron emission for (n,n\*)a



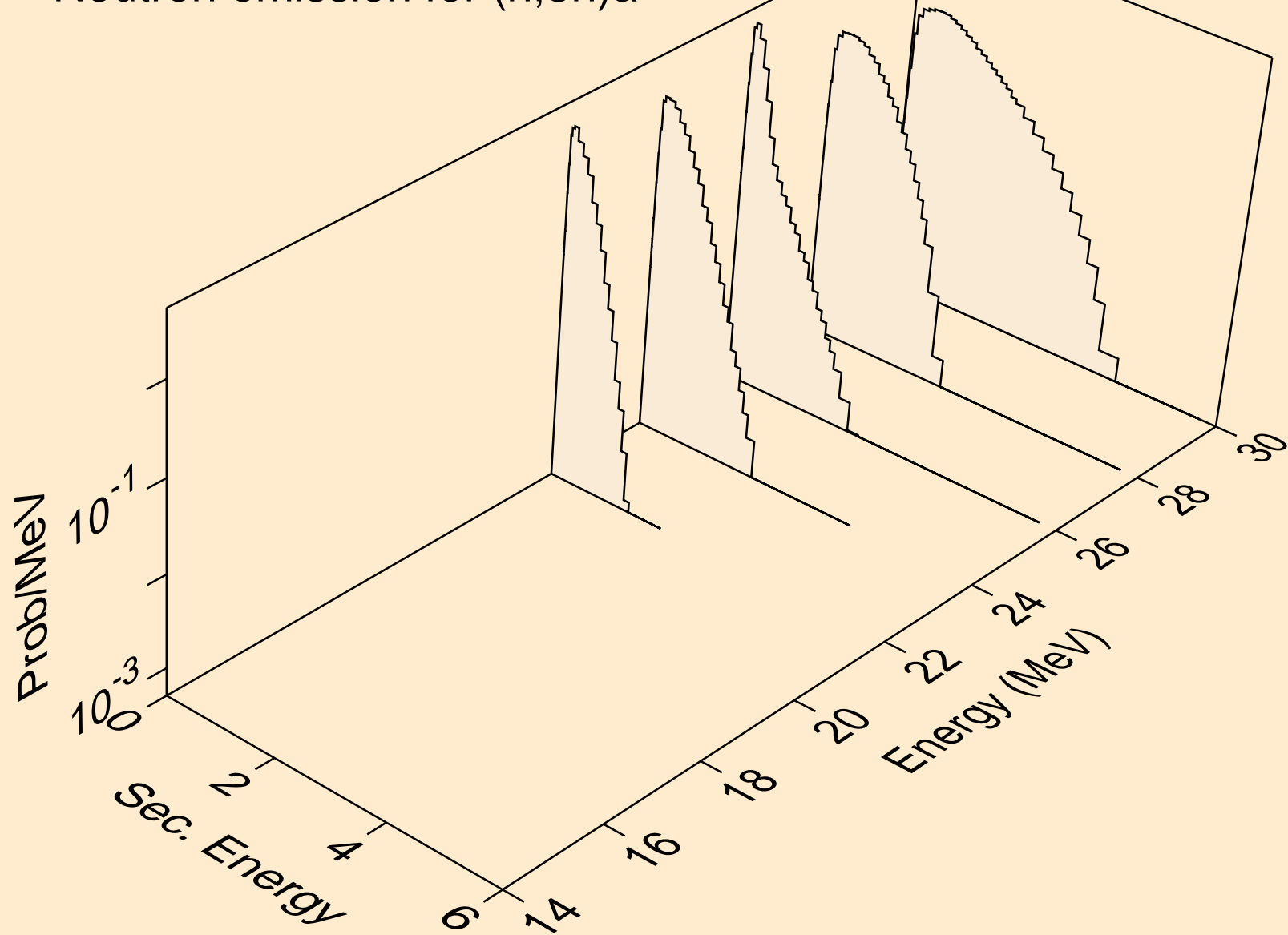
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Neutron emission for (n,n\*)3a



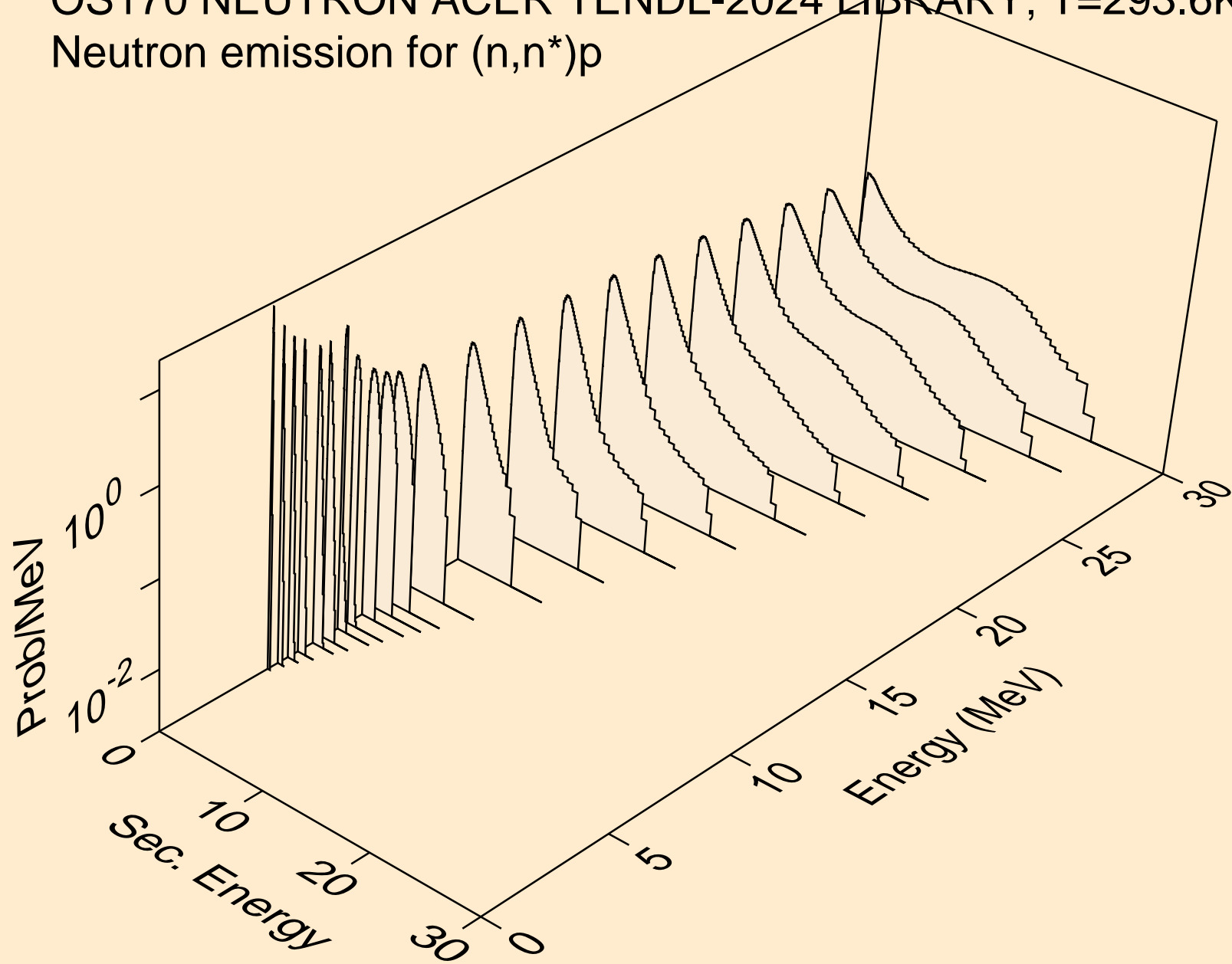
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Neutron emission for (n,2n)a



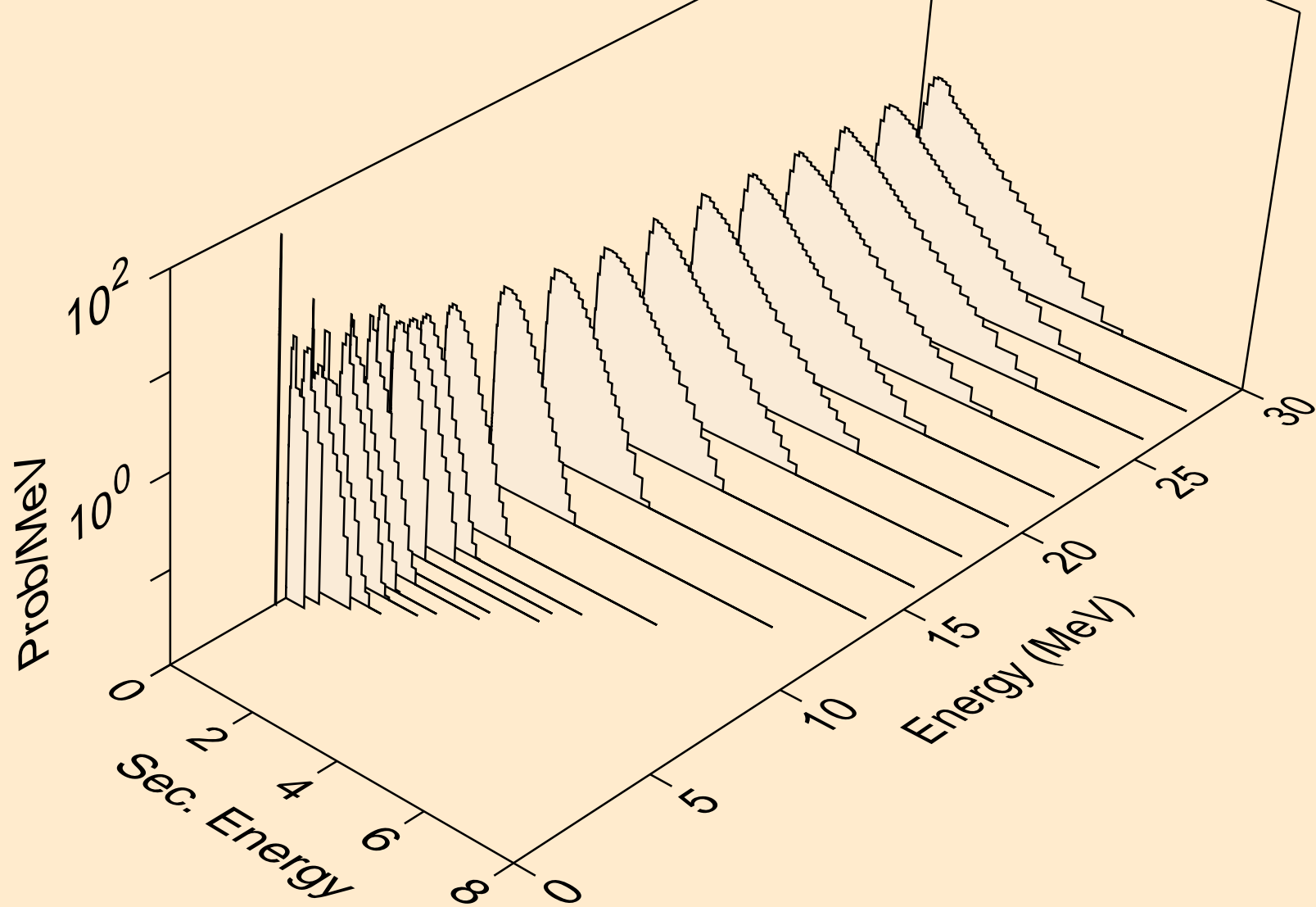
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Neutron emission for (n,3n)a



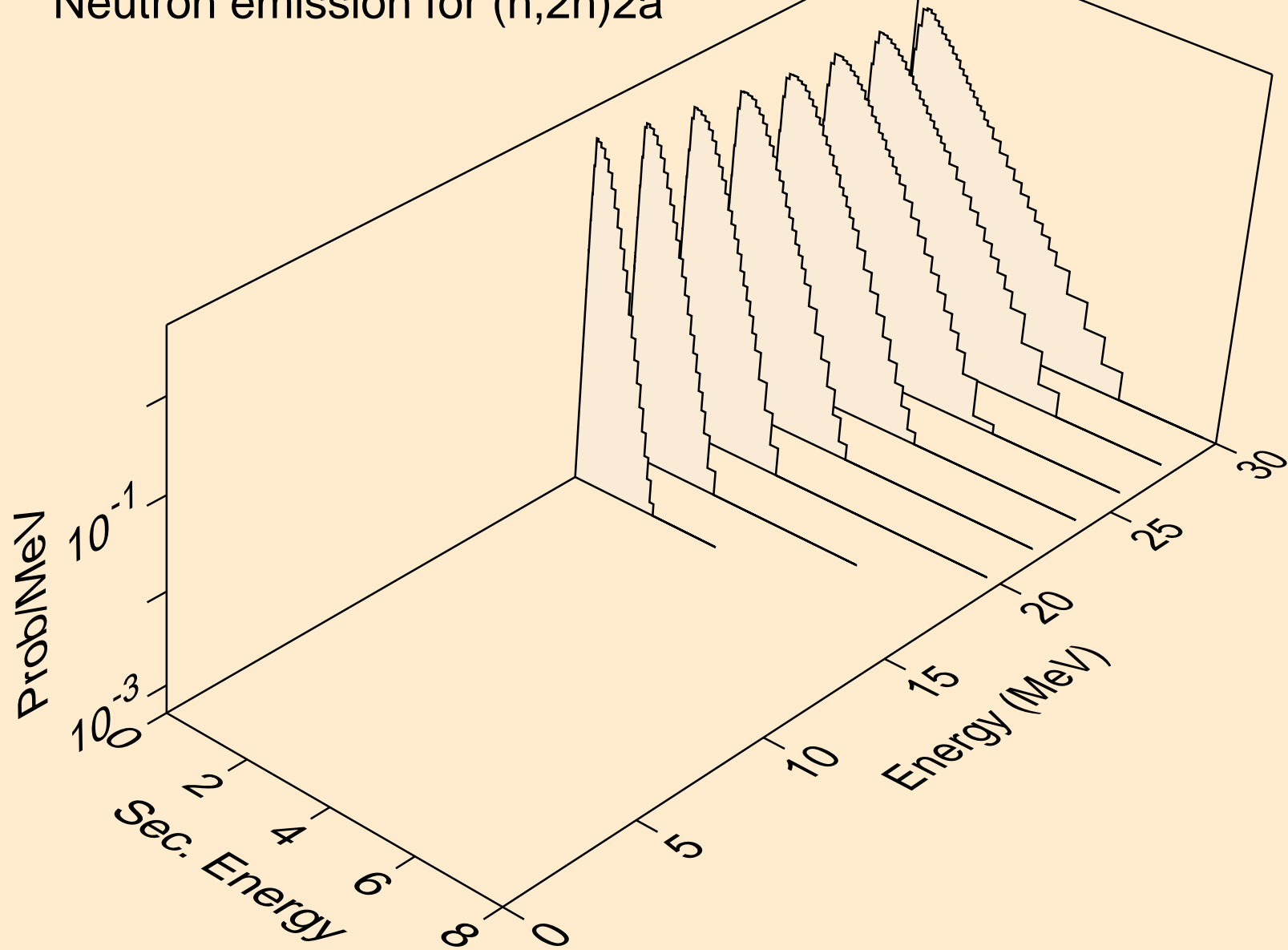
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Neutron emission for (n,n\*)p



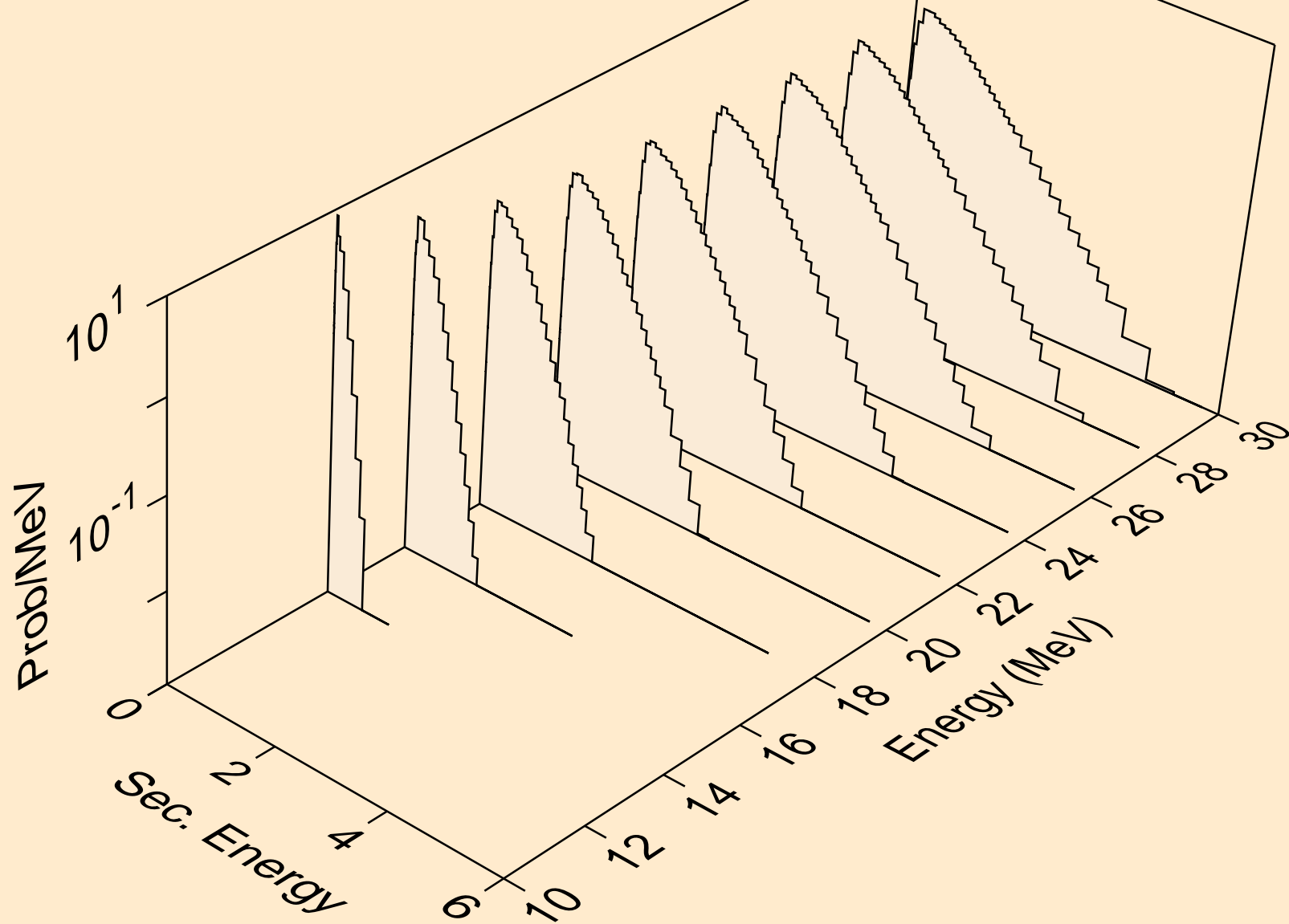
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Neutron emission for (n,n\*)2a



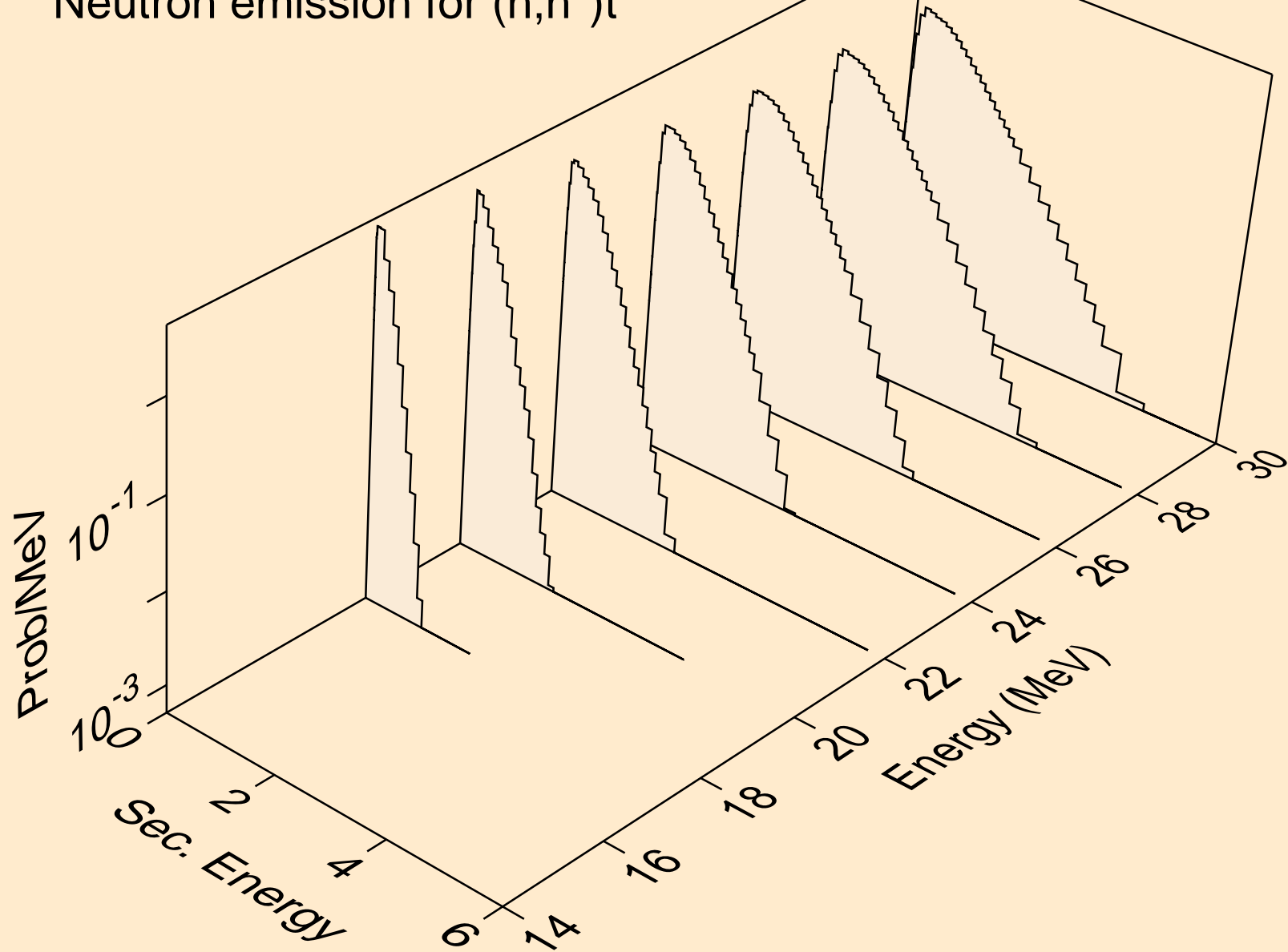
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Neutron emission for (n,2n)2a



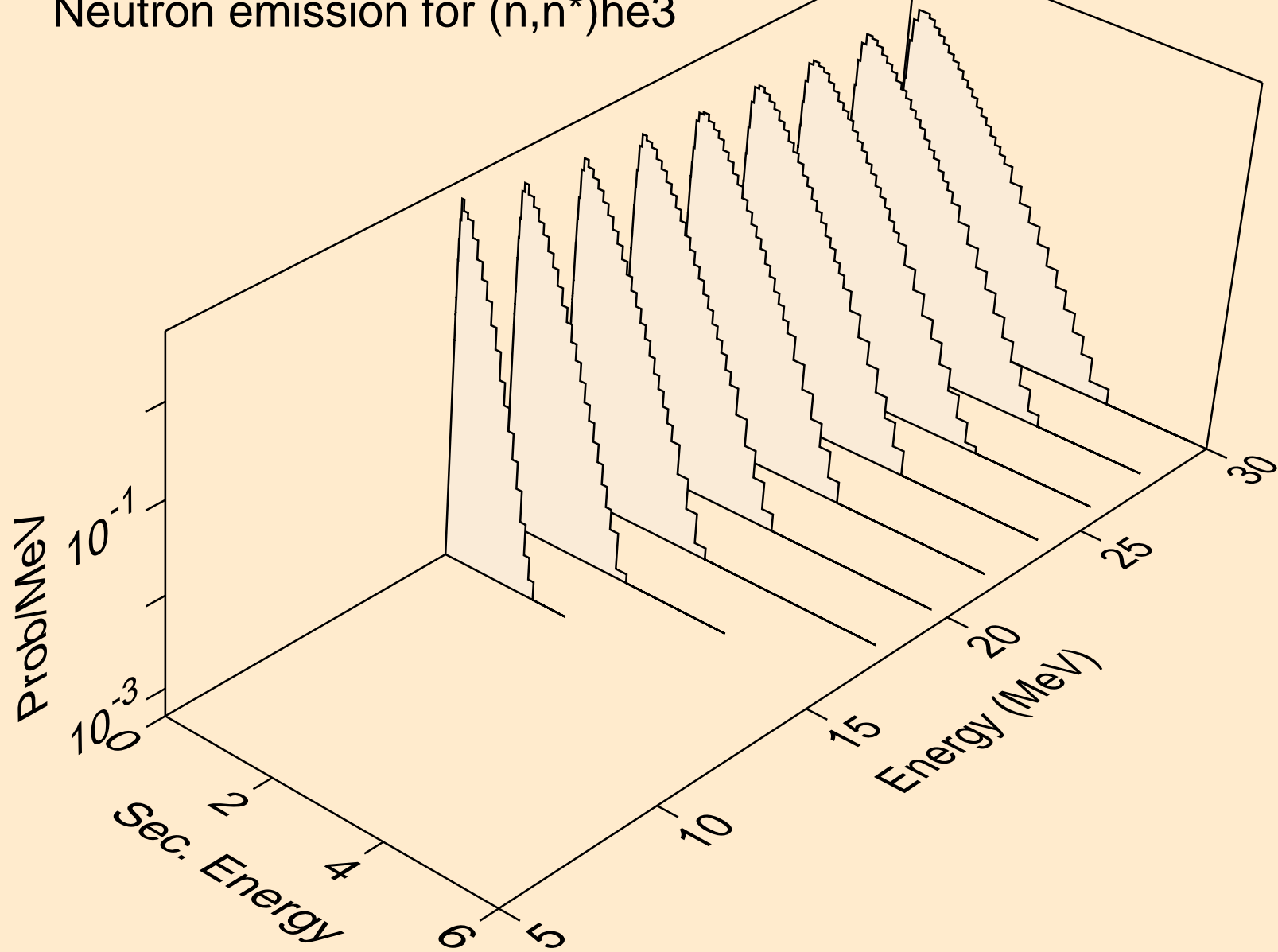
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Neutron emission for (n,n\*)d



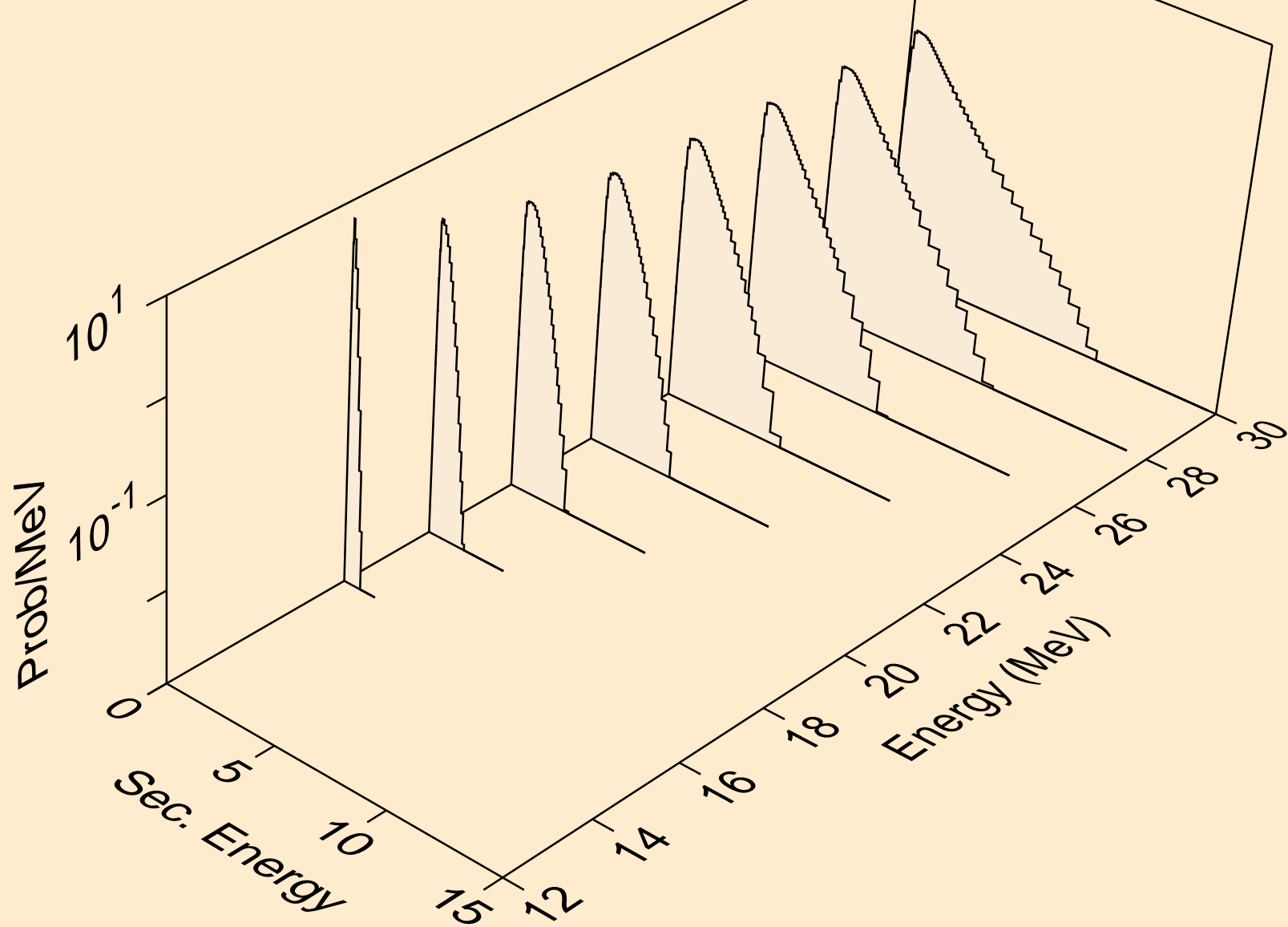
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Neutron emission for (n,n\*)t



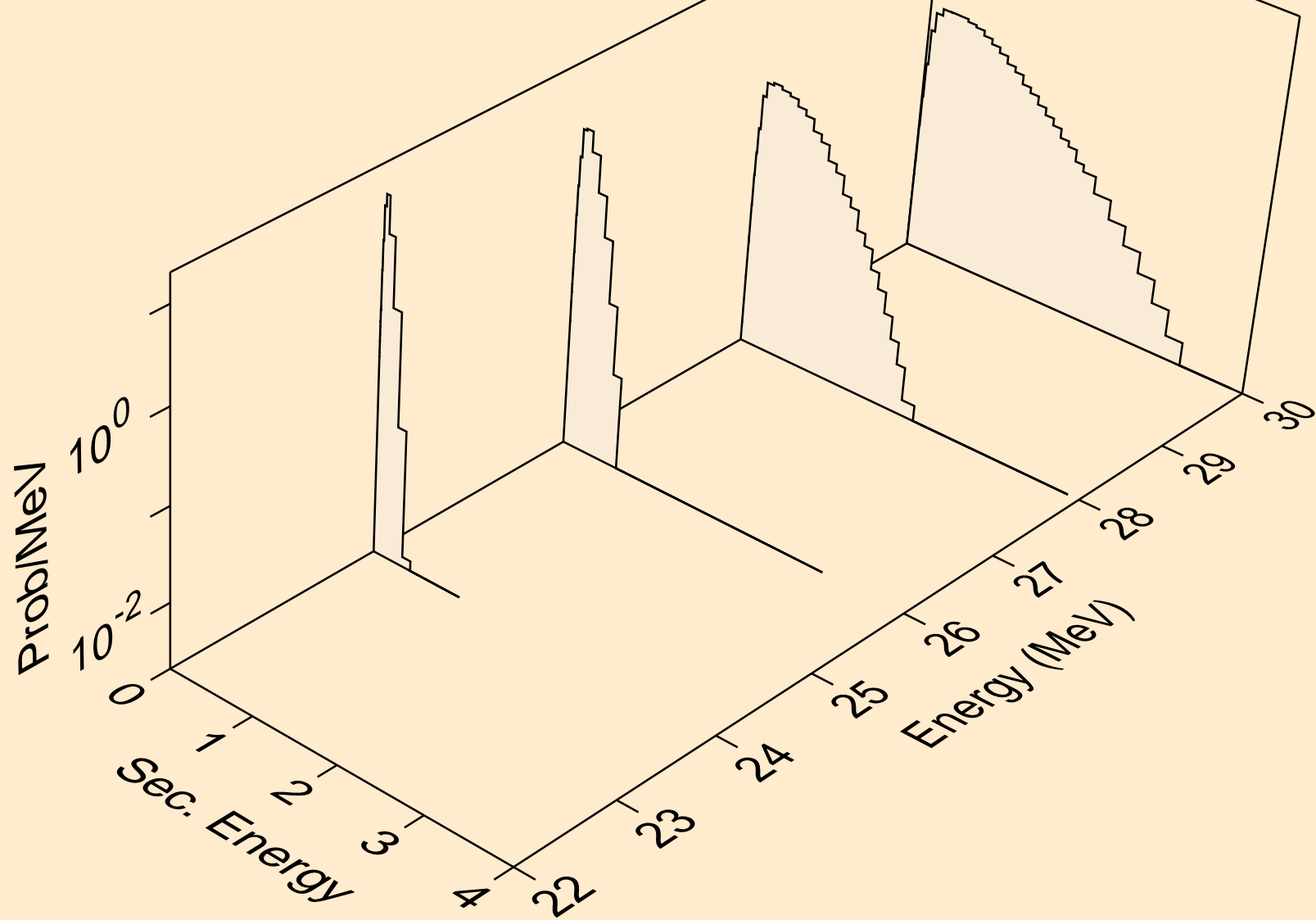
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Neutron emission for (n,n\*)he3



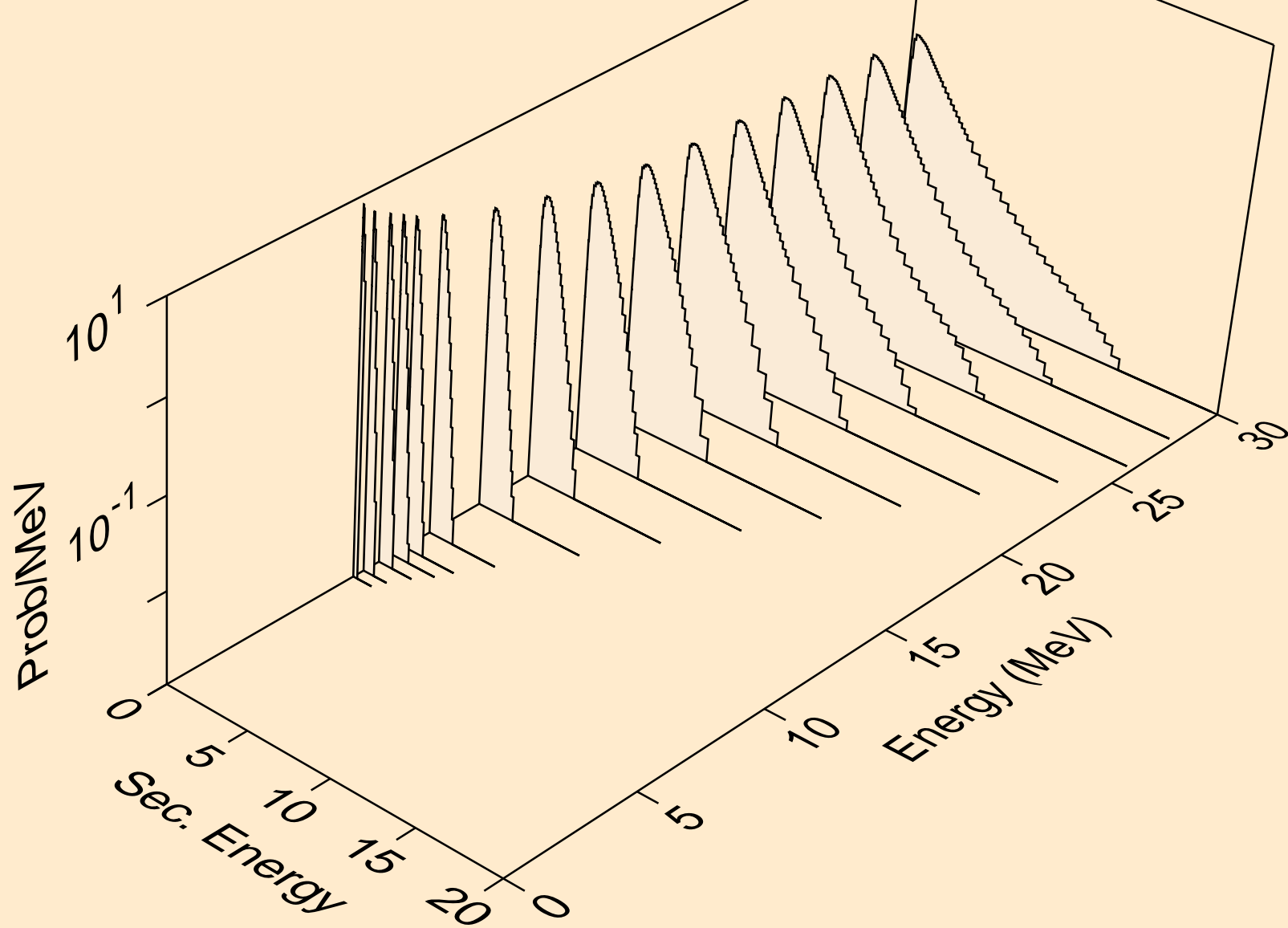
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



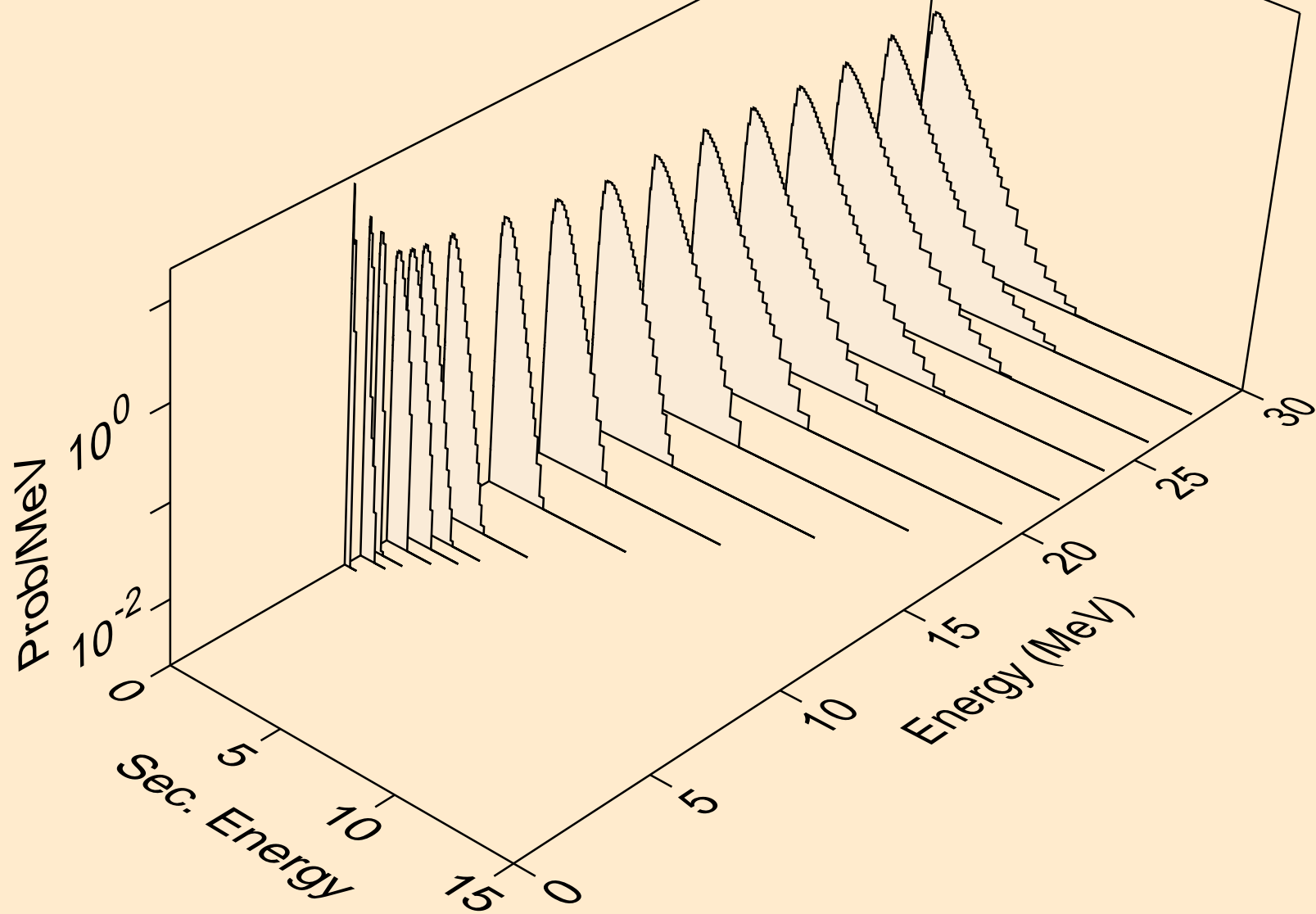
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Neutron emission for (n,3np)



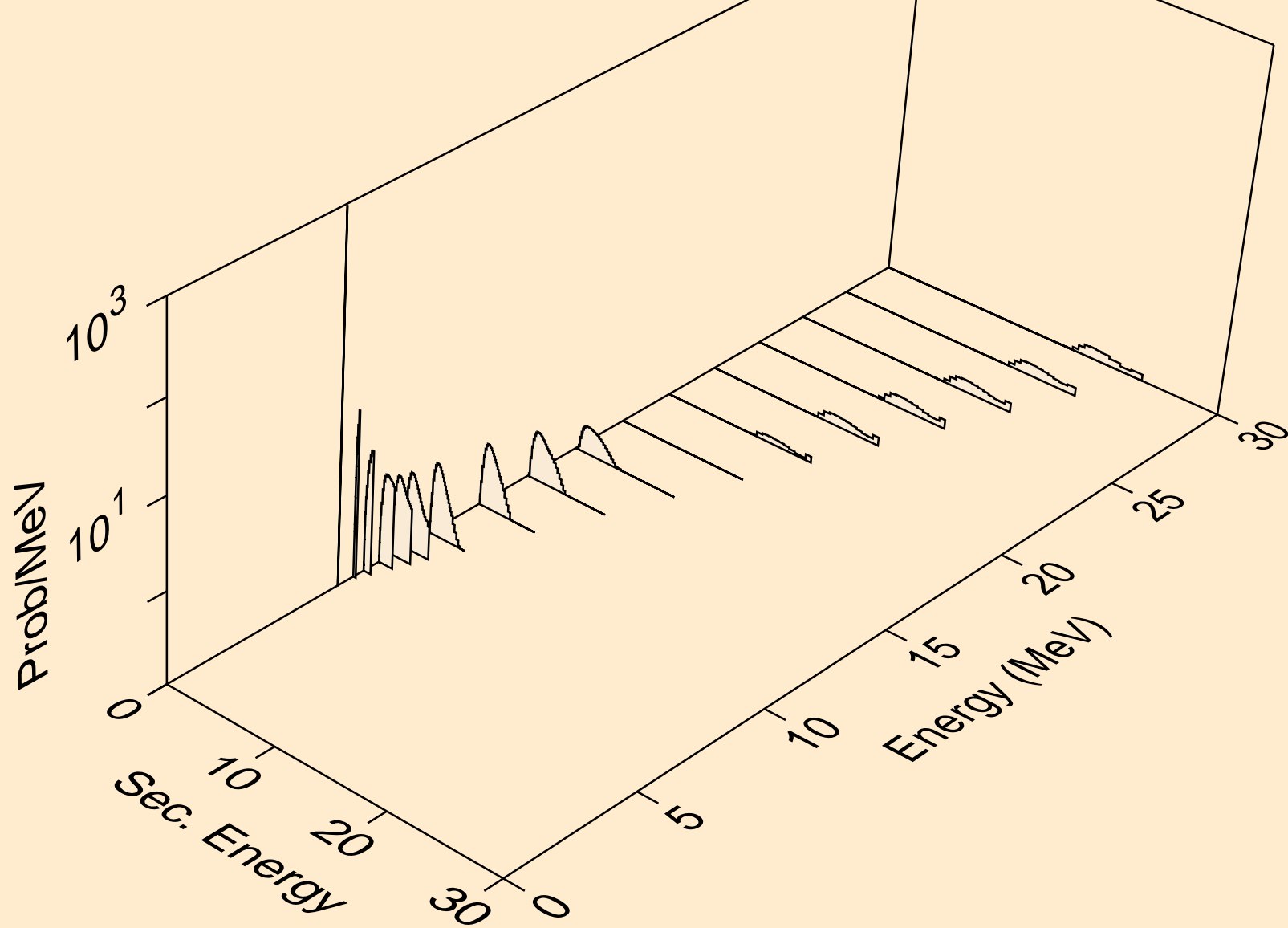
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Neutron emission for (n,n2p)



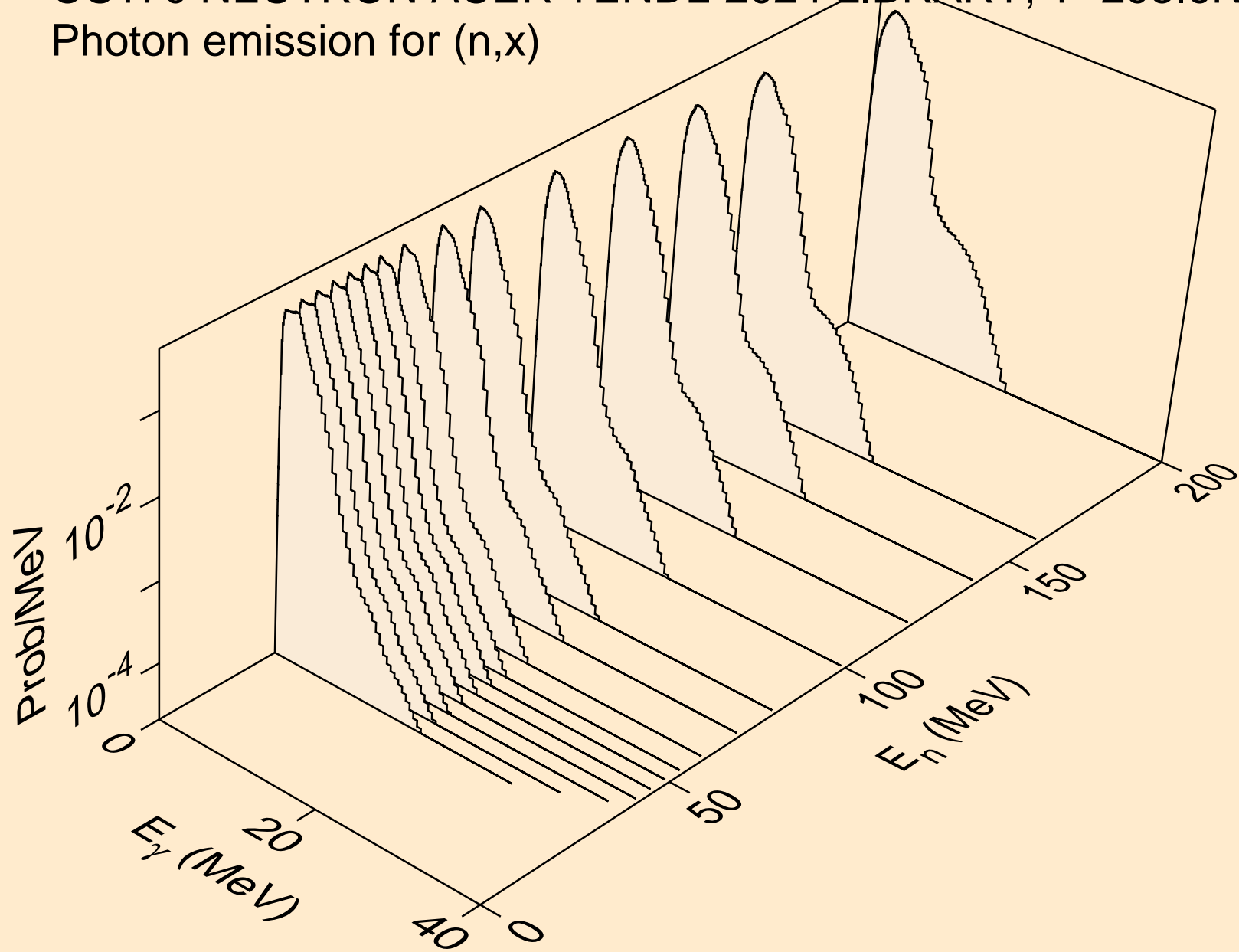
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Neutron emission for (n,npa)



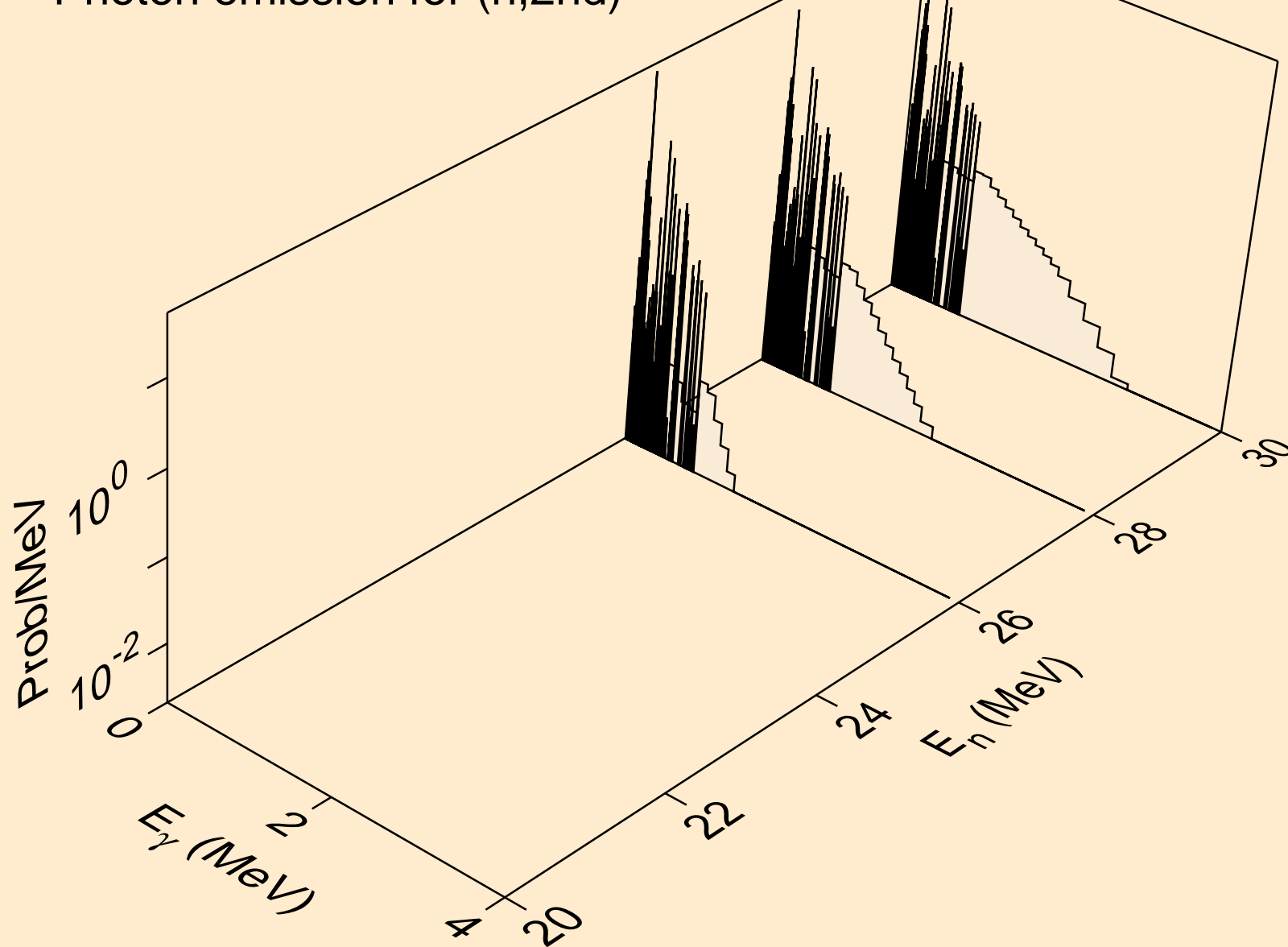
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Neutron emission for (n,n\*c)



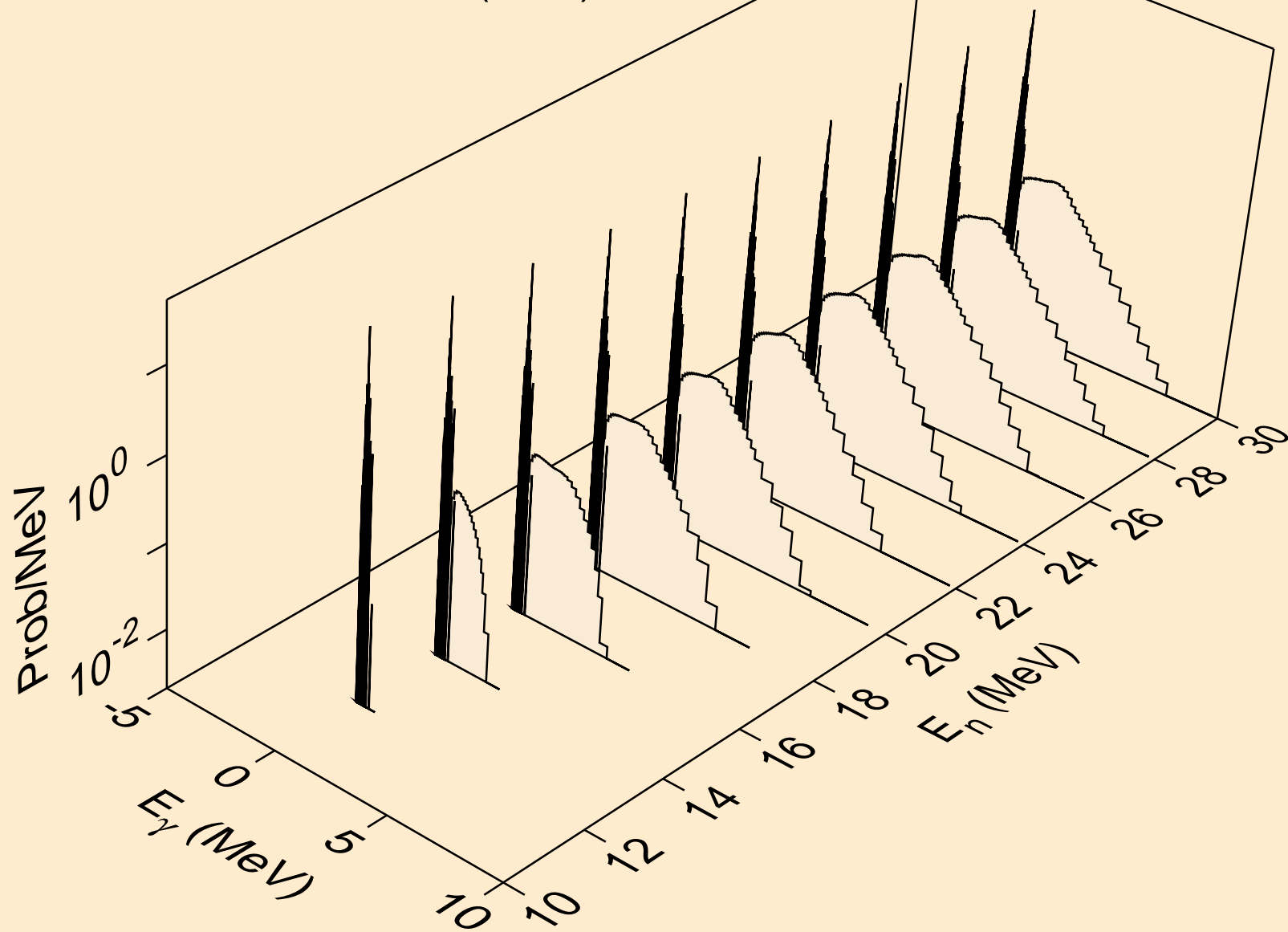
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Photon emission for (n,x)



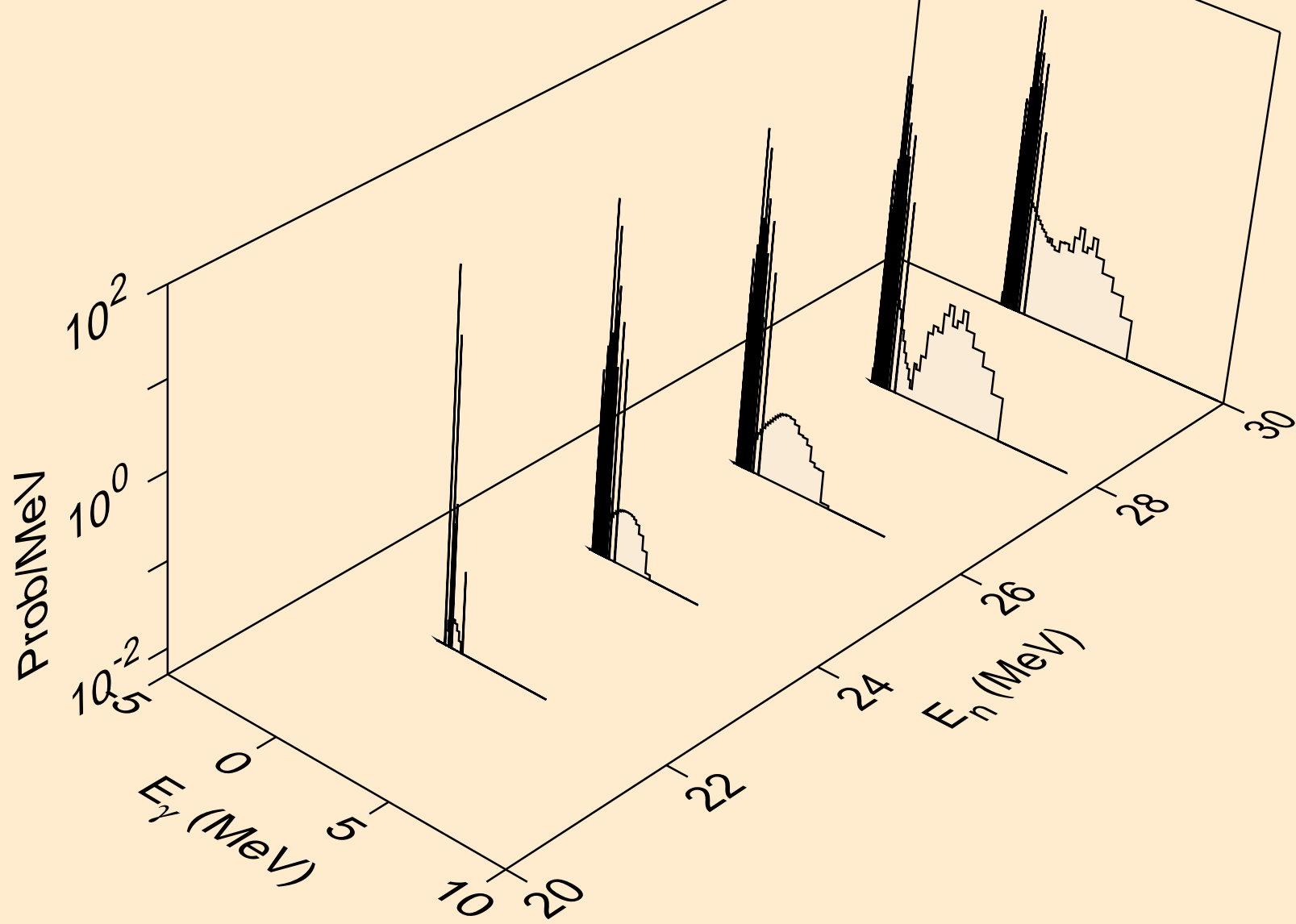
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Photon emission for (n,2nd)



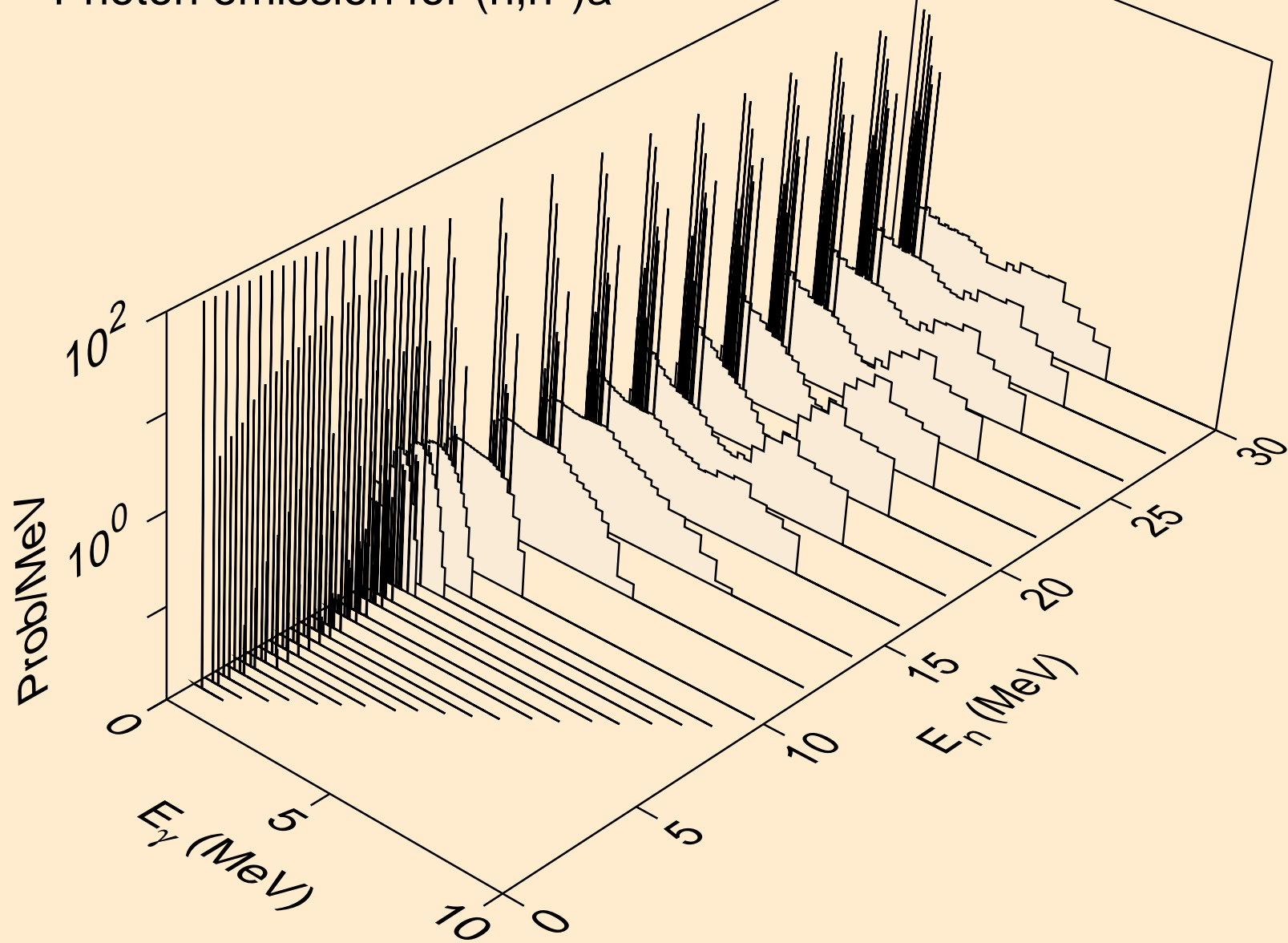
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



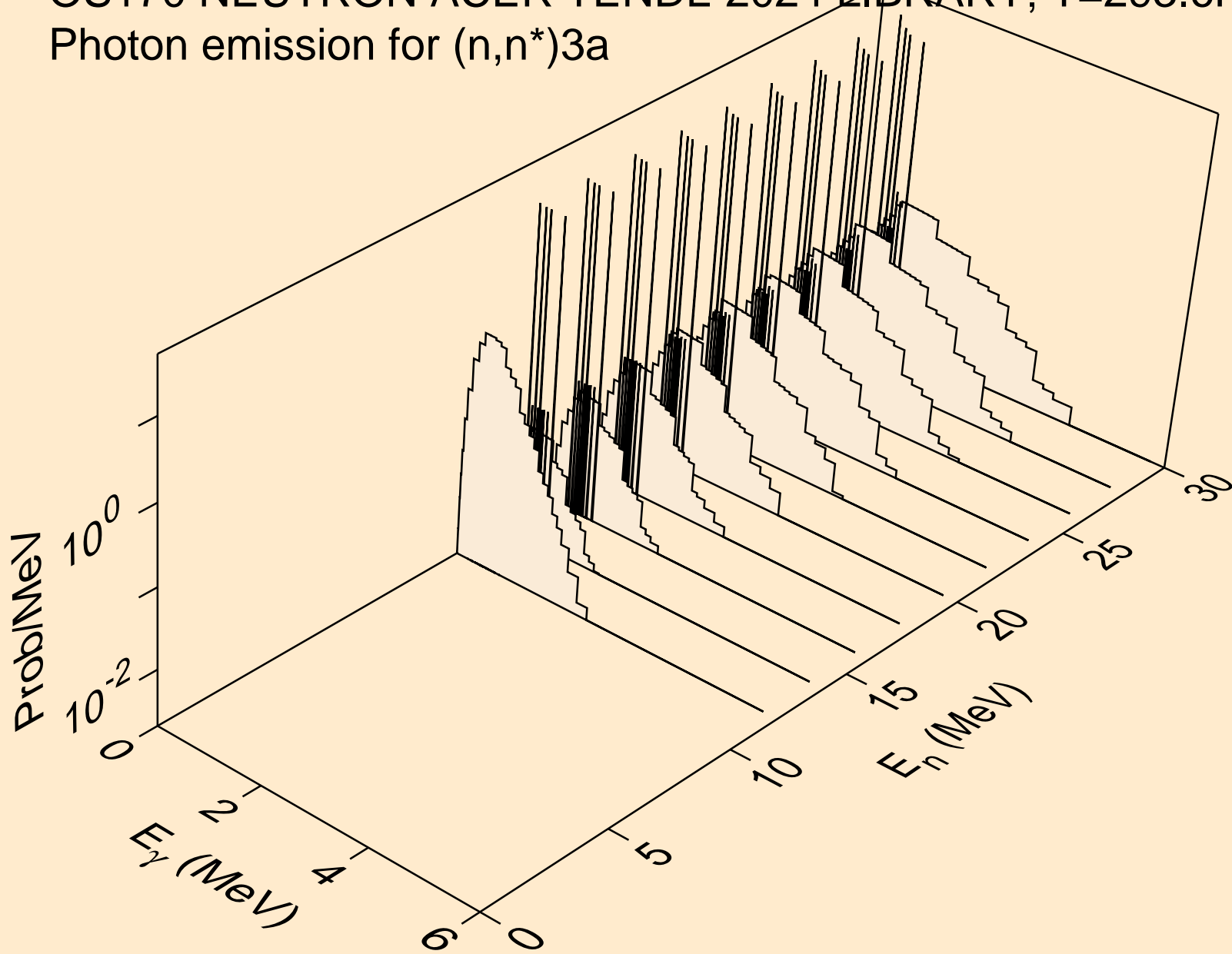
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



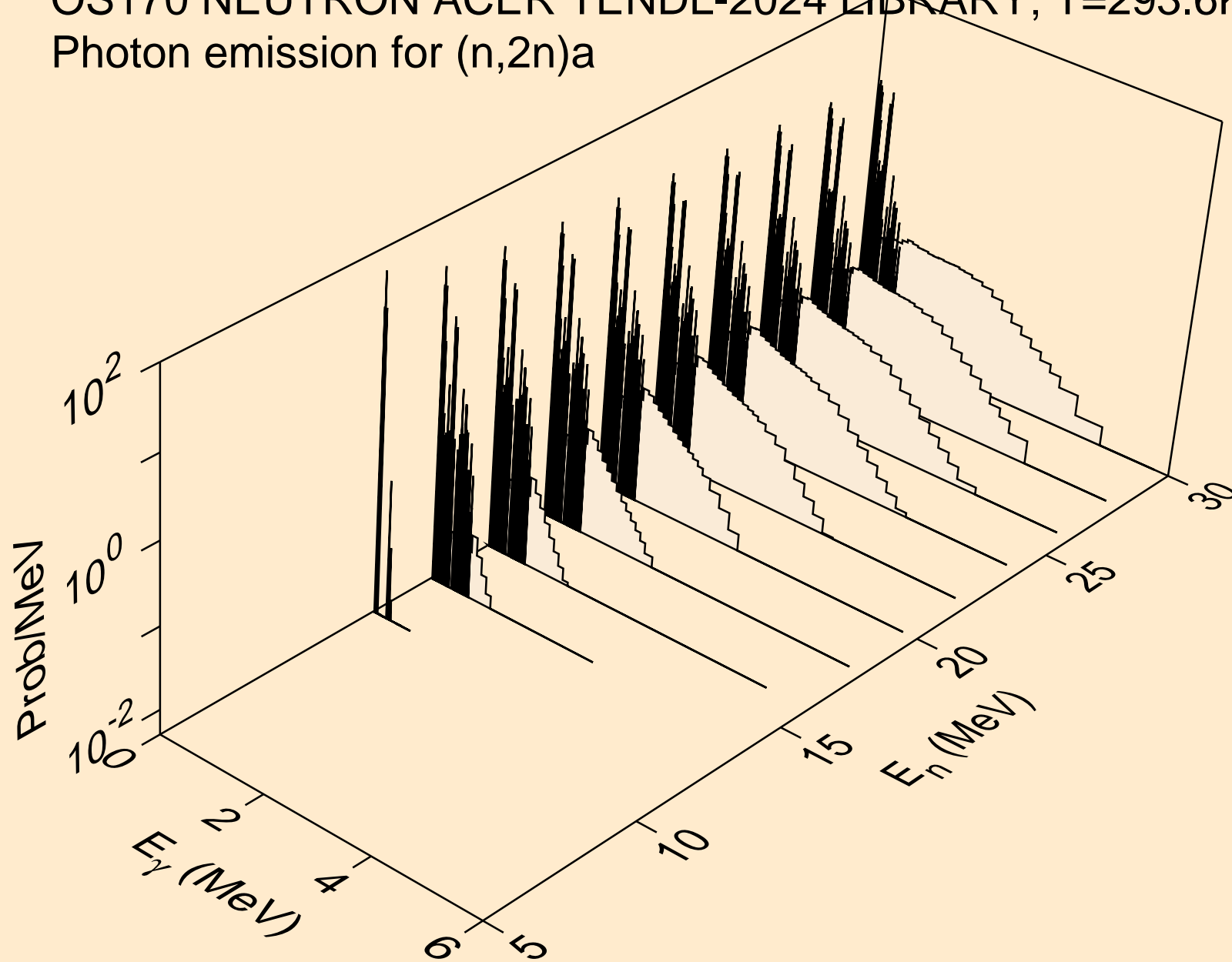
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



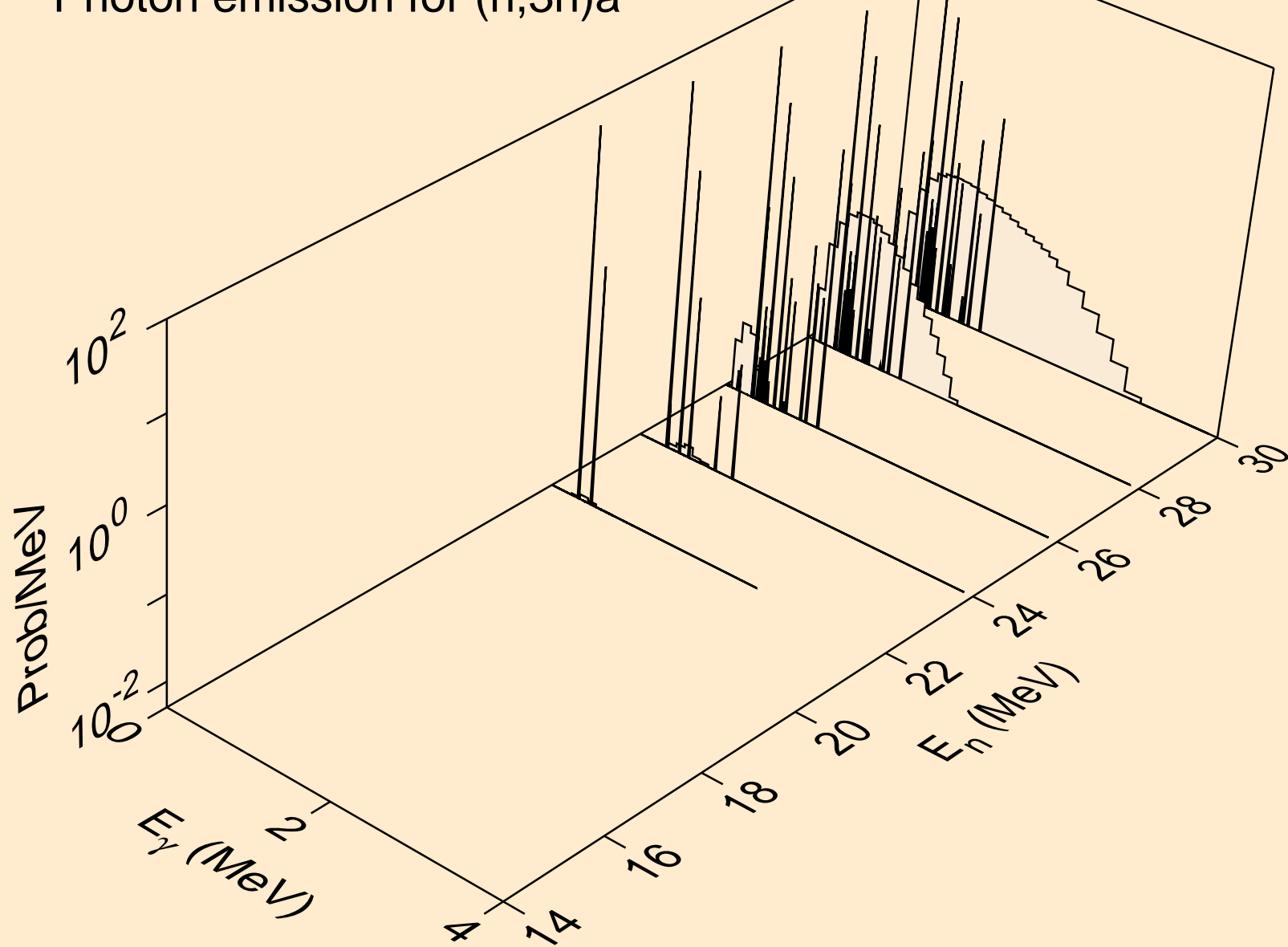
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)3a



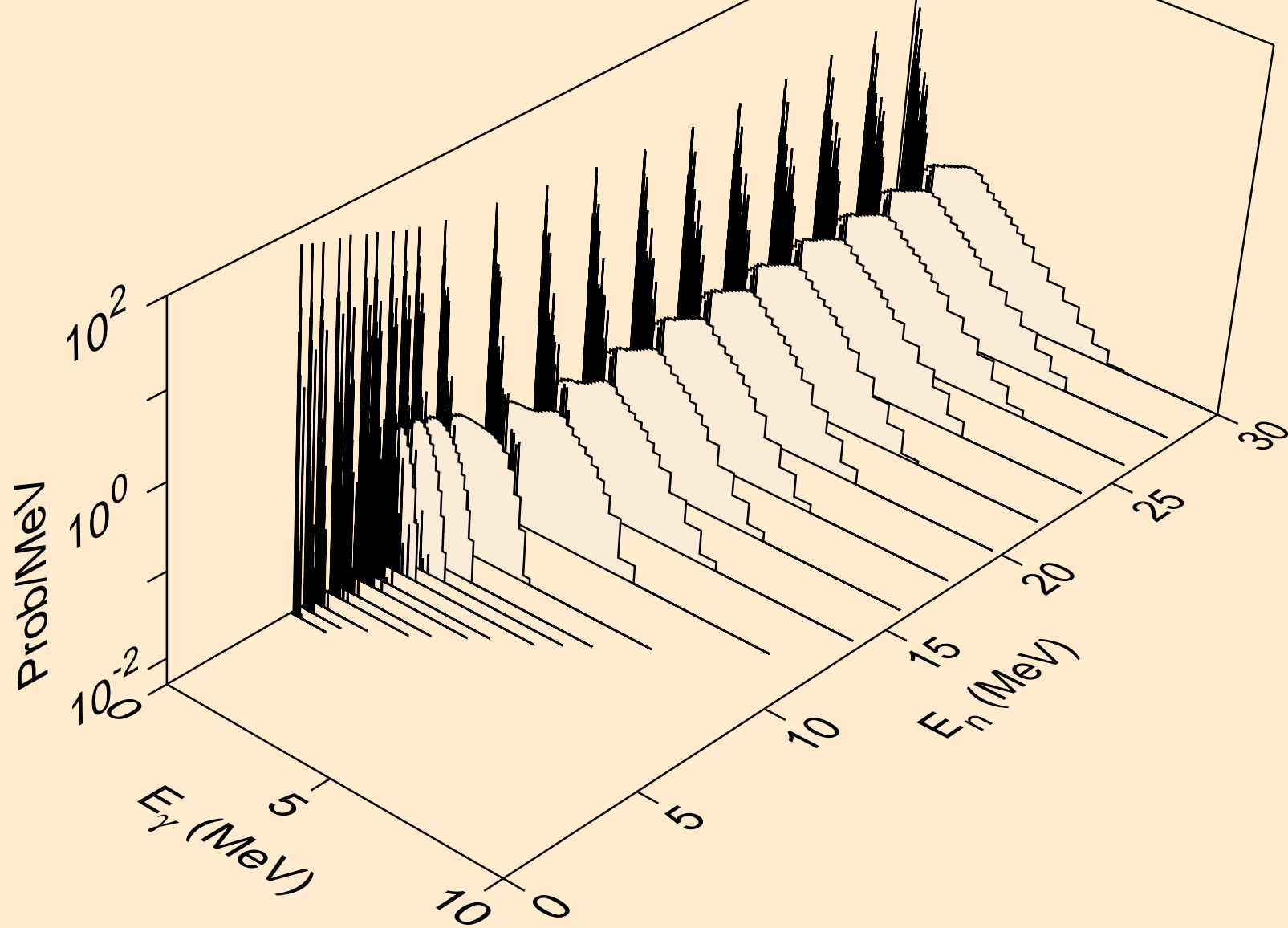
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



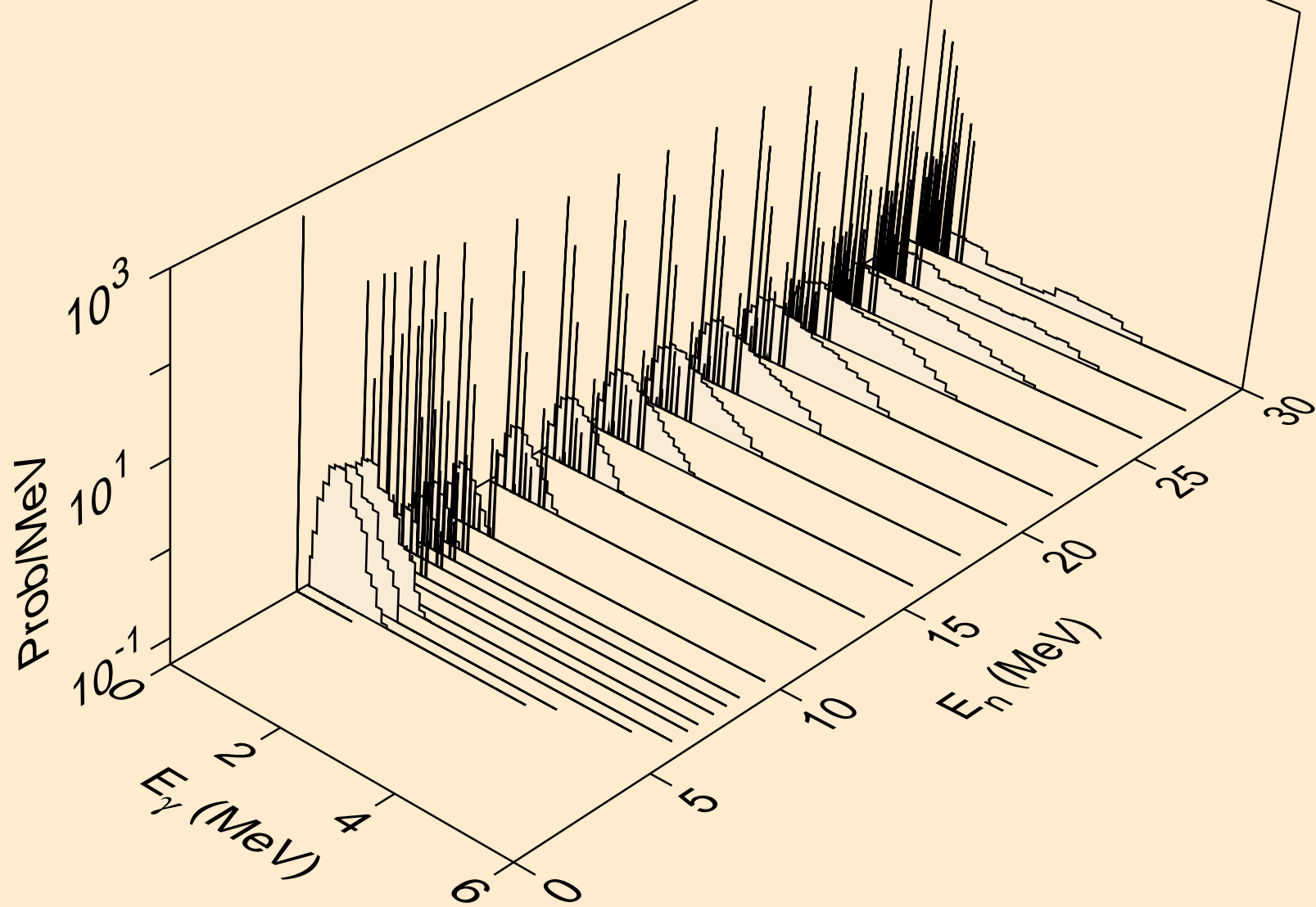
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



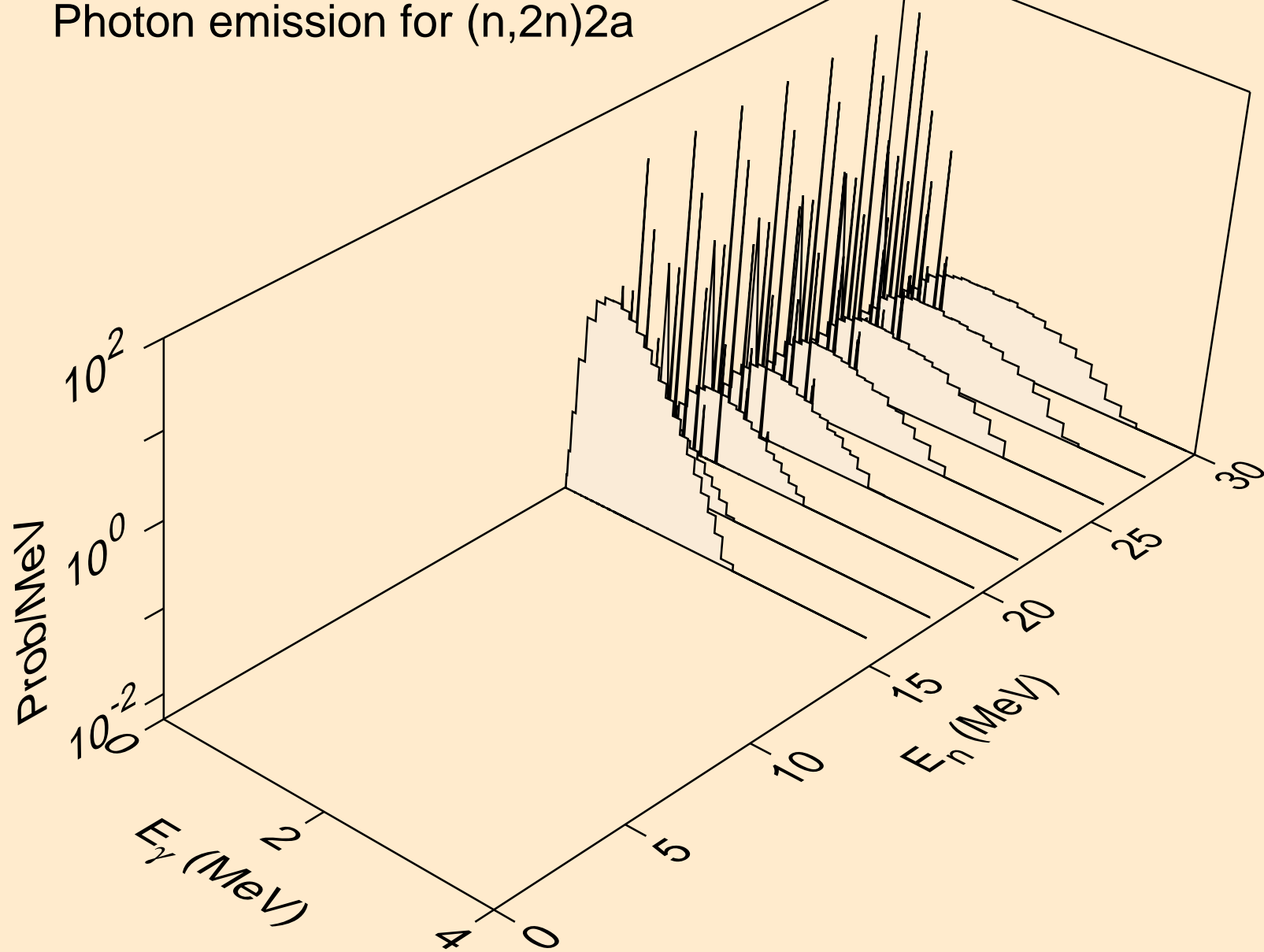
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



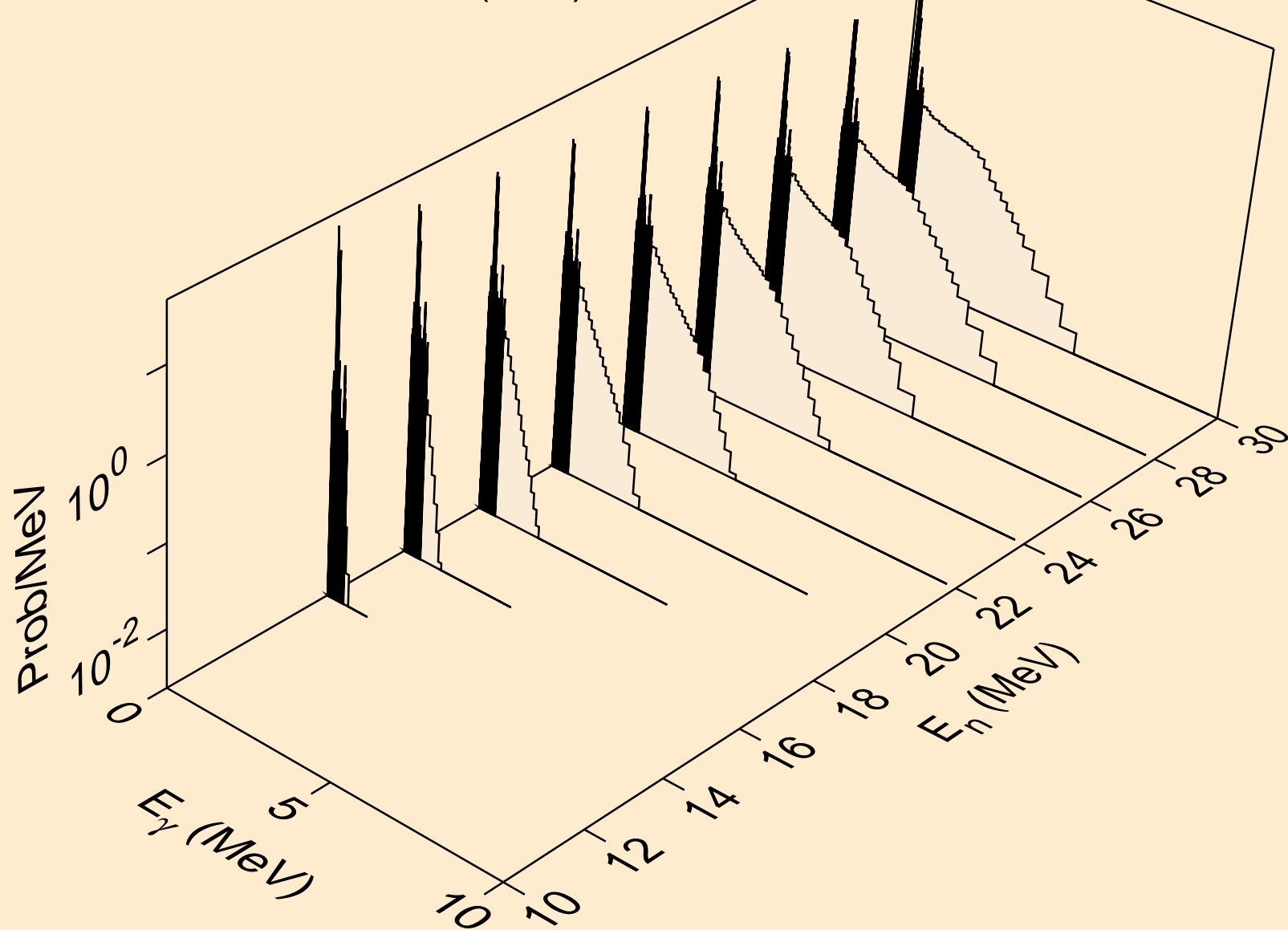
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Photon emission for (n,n\*)2a



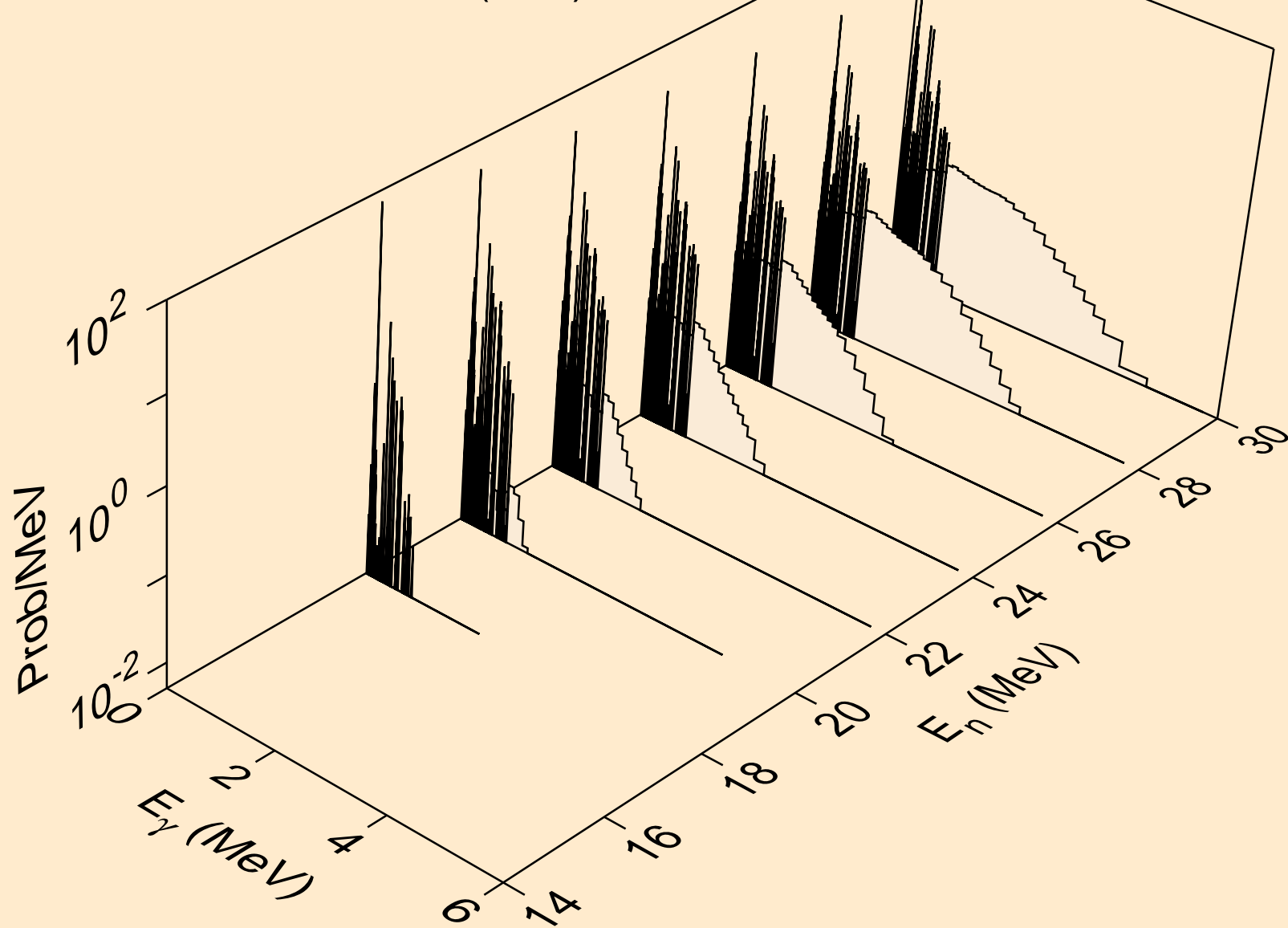
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Photon emission for (n,2n)2a



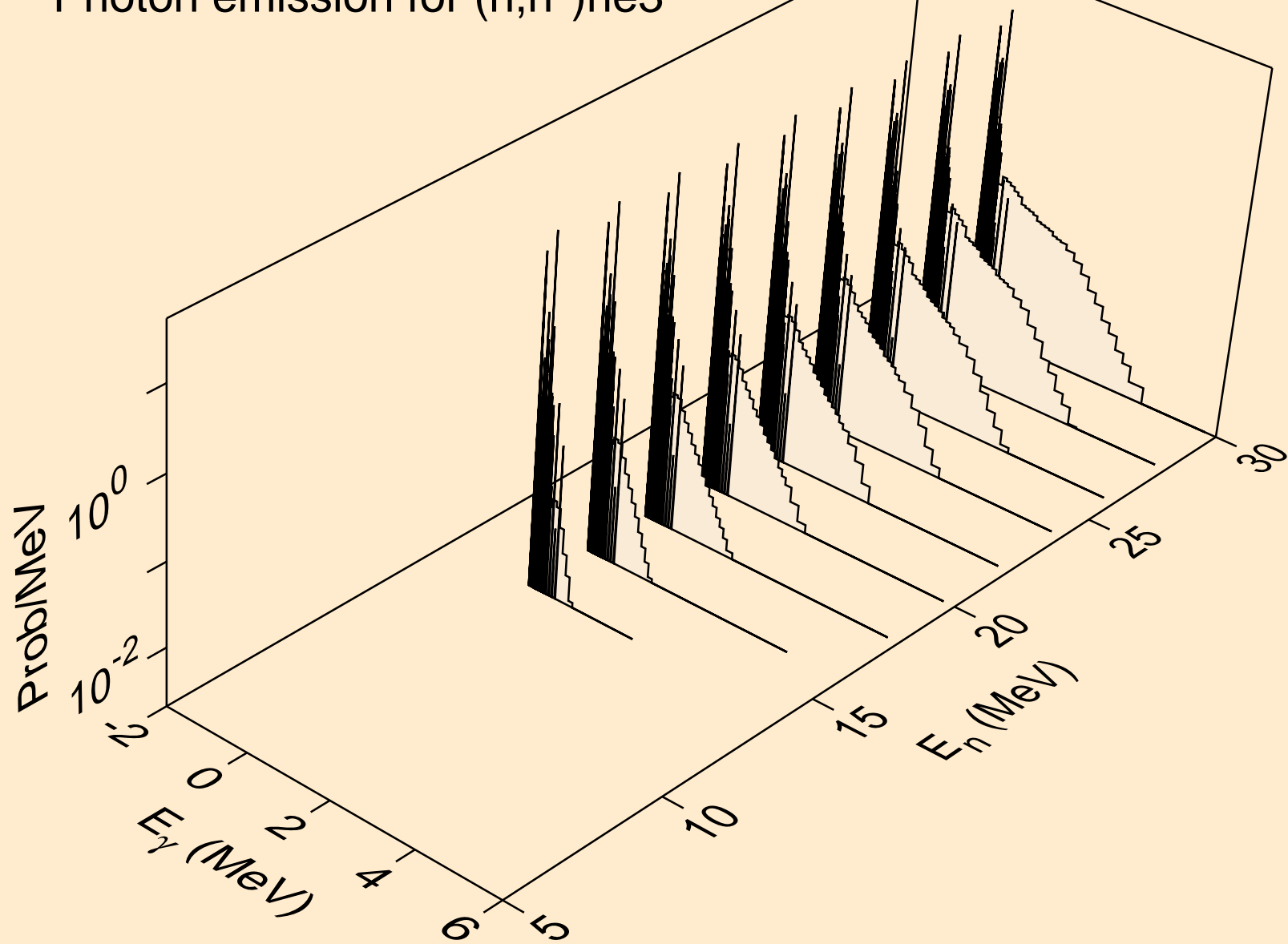
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Photon emission for (n,n\*)d



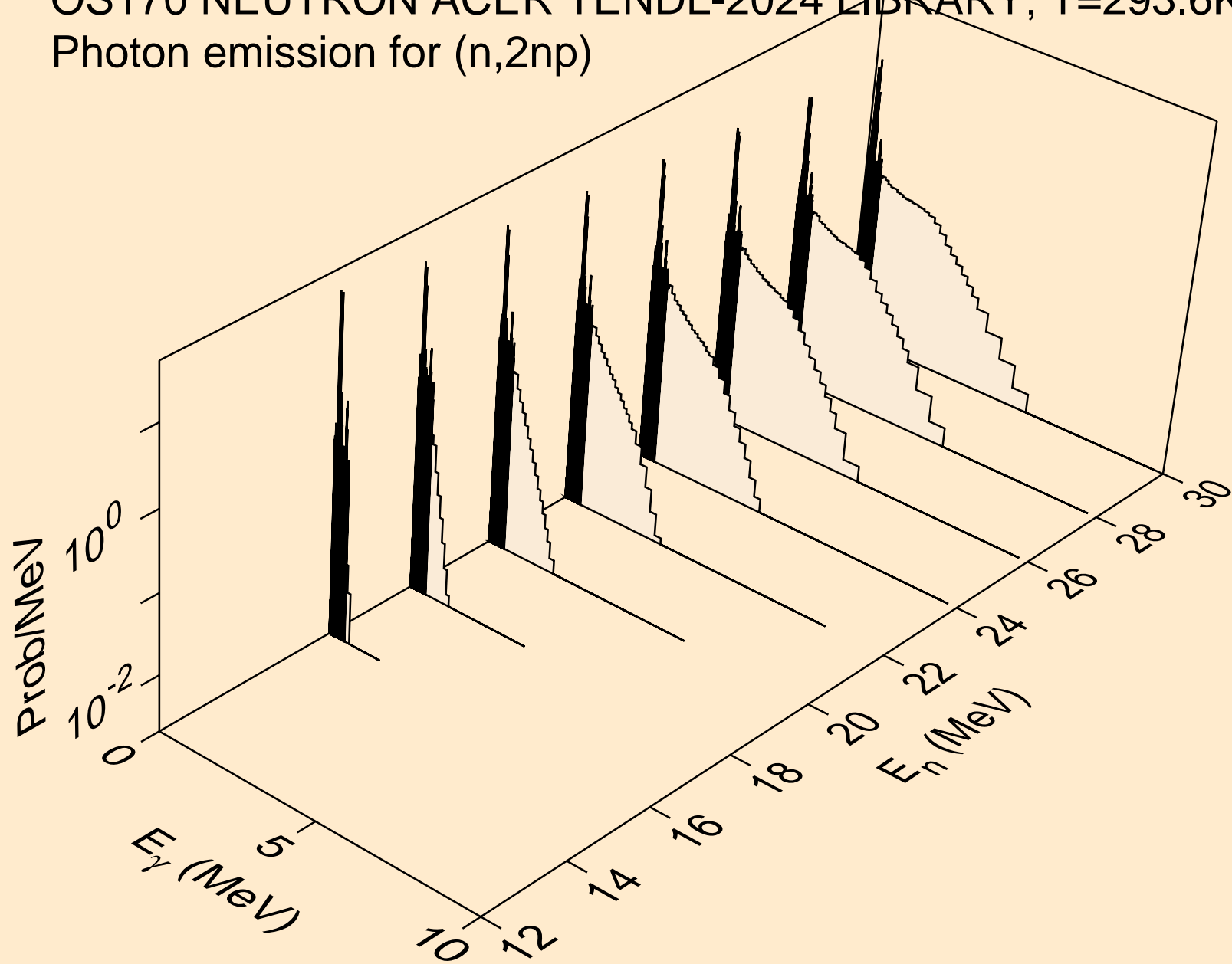
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Photon emission for (n,n\*)t



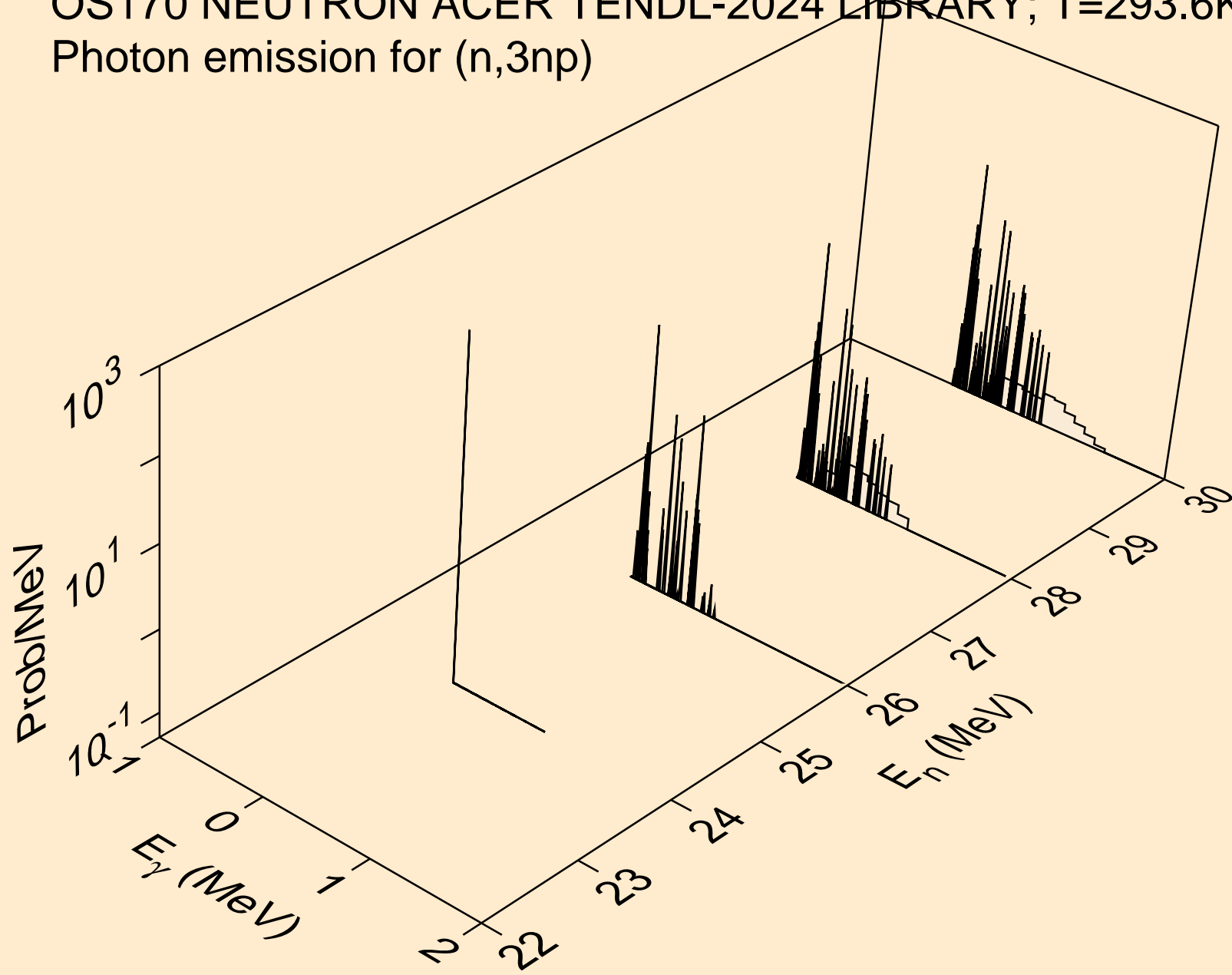
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



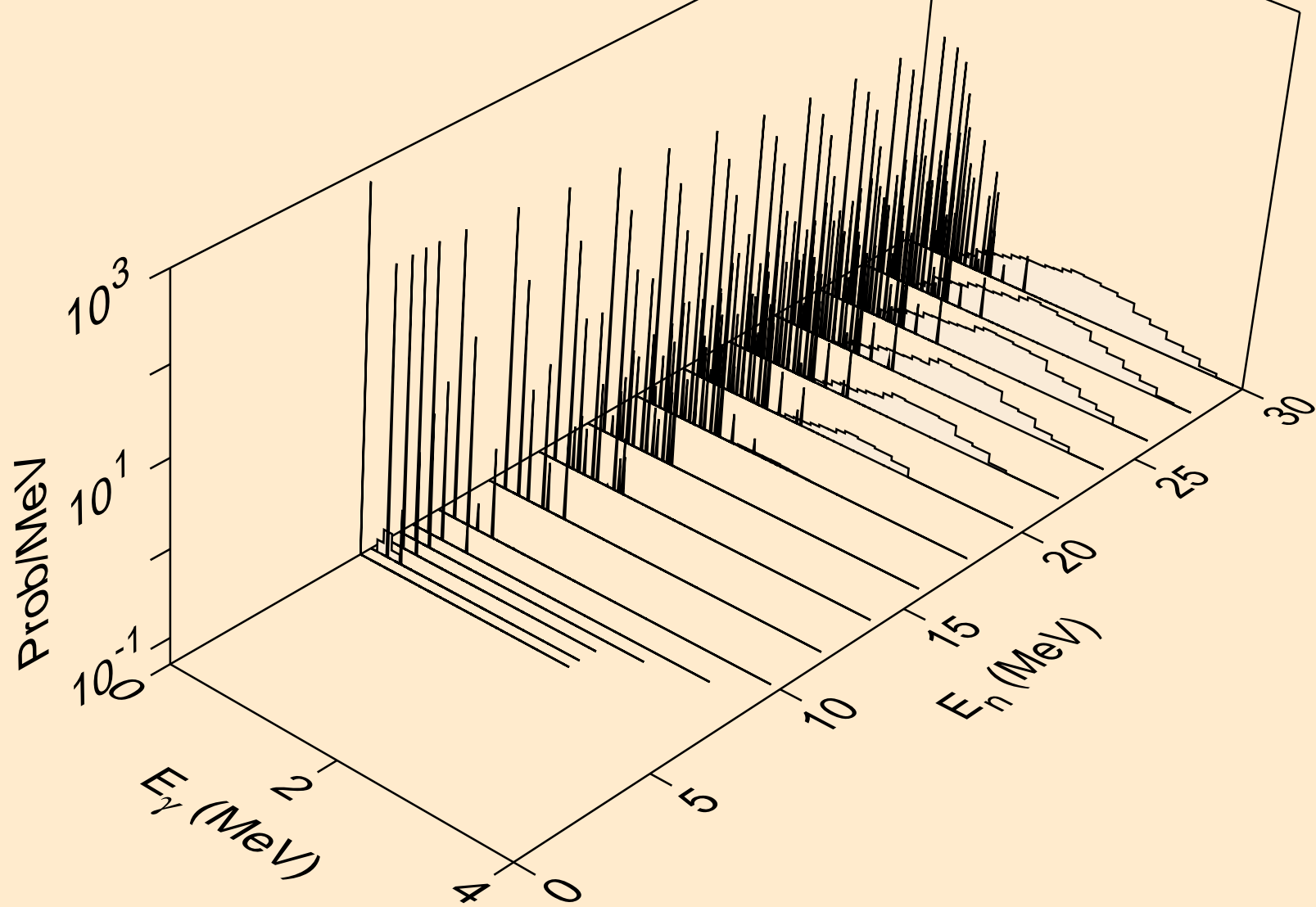
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Photon emission for (n,2np)



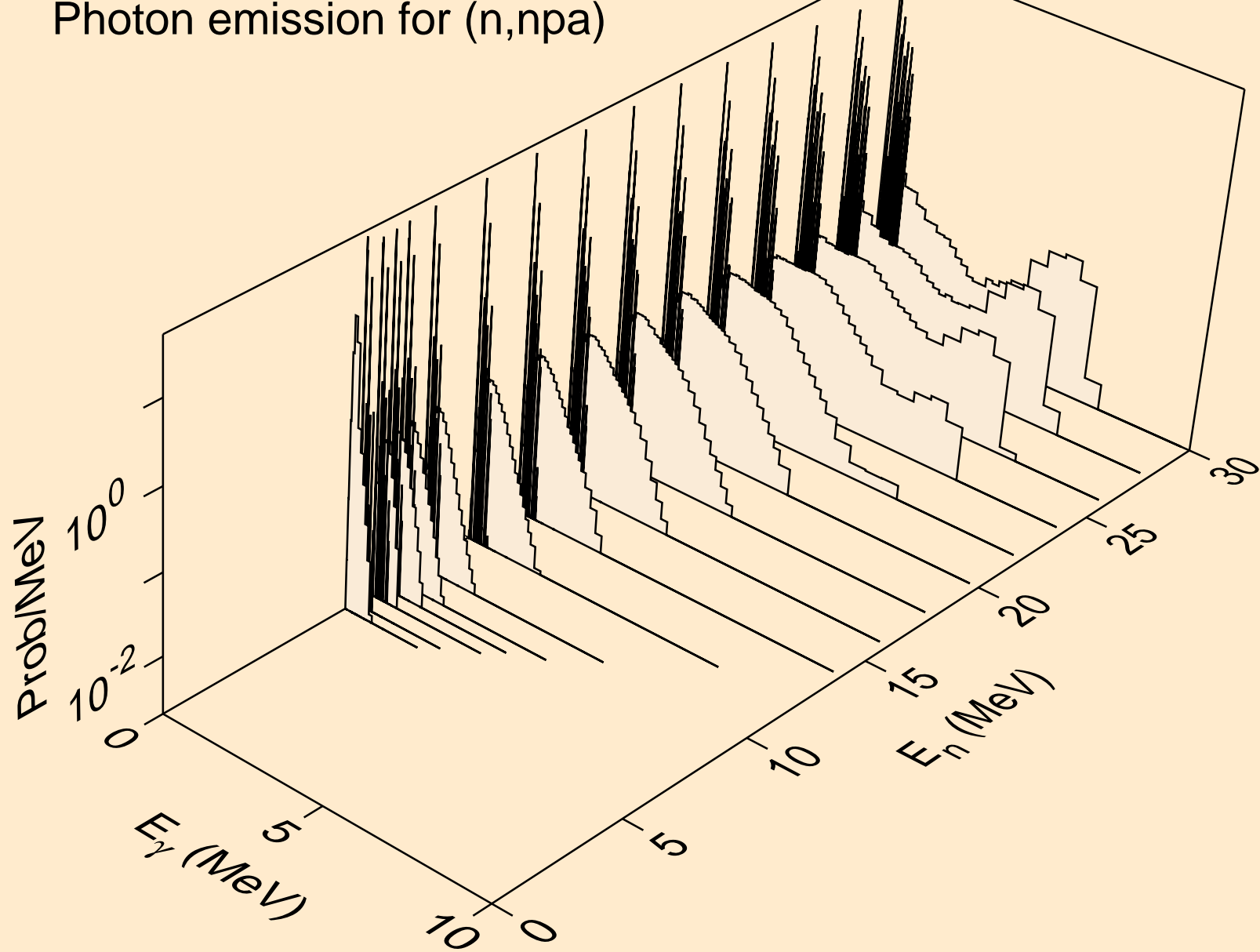
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Photon emission for (n,3np)



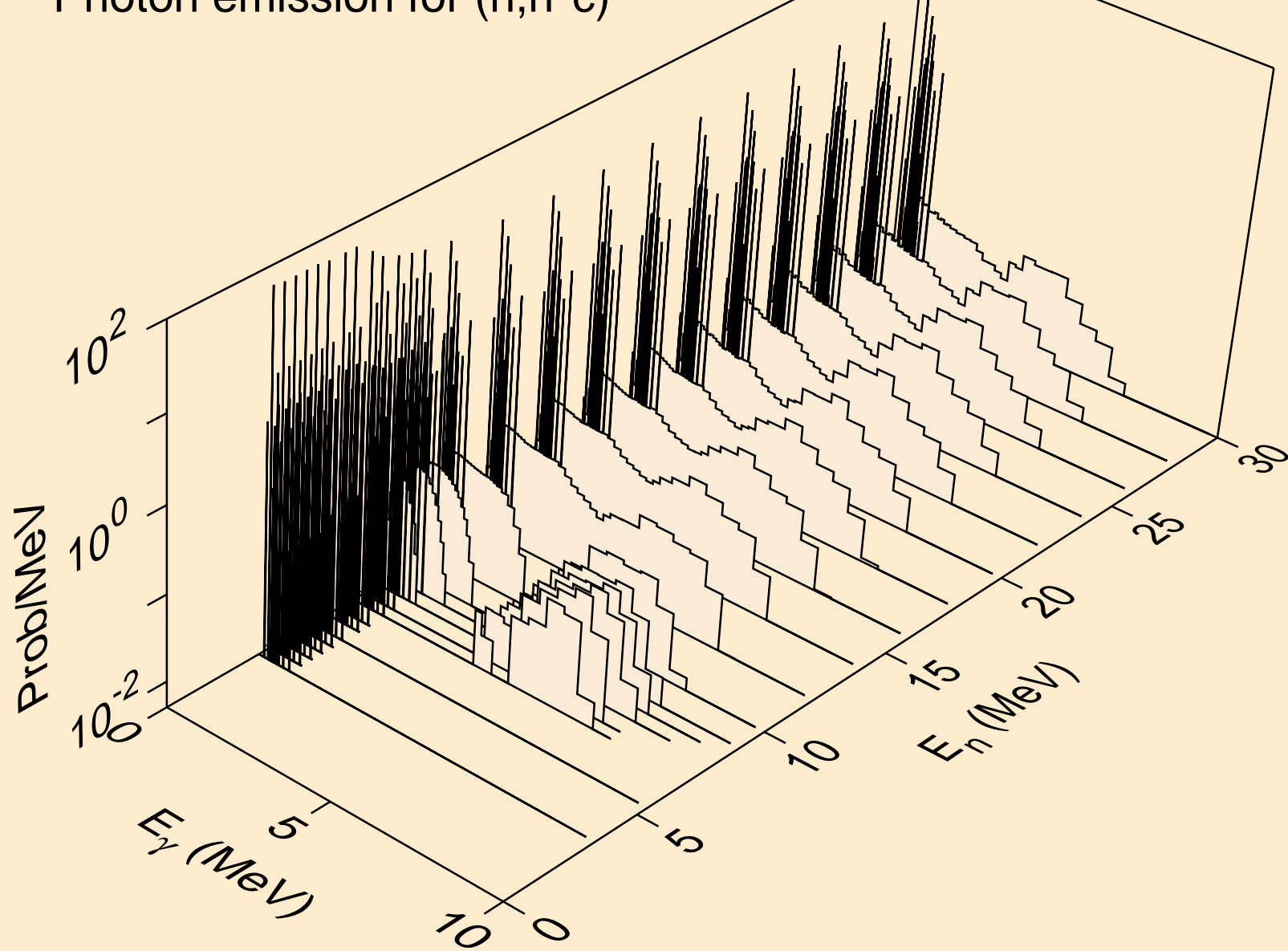
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Photon emission for (n,n2p)



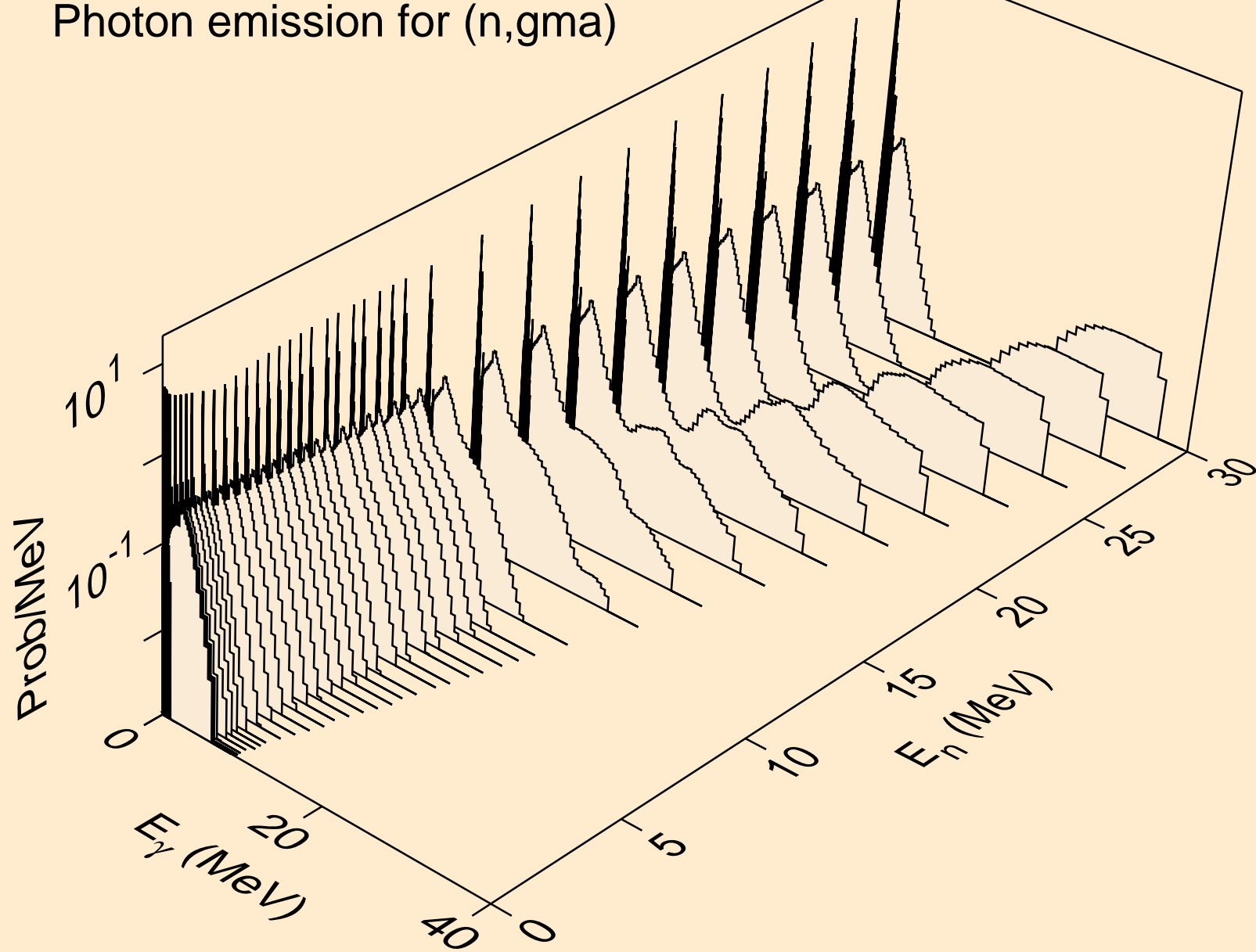
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Photon emission for (n,npa)



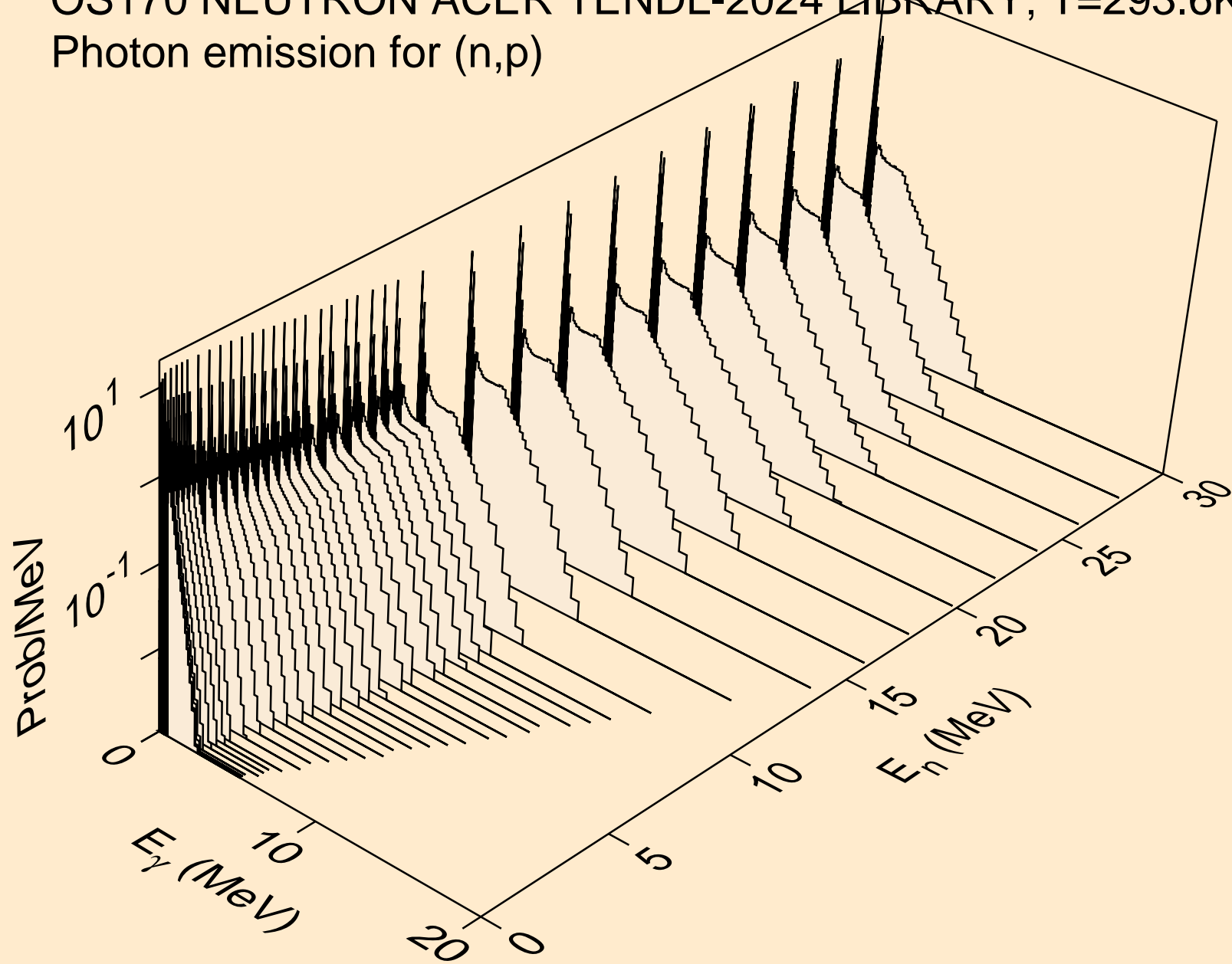
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Photon emission for (n,n\*c)



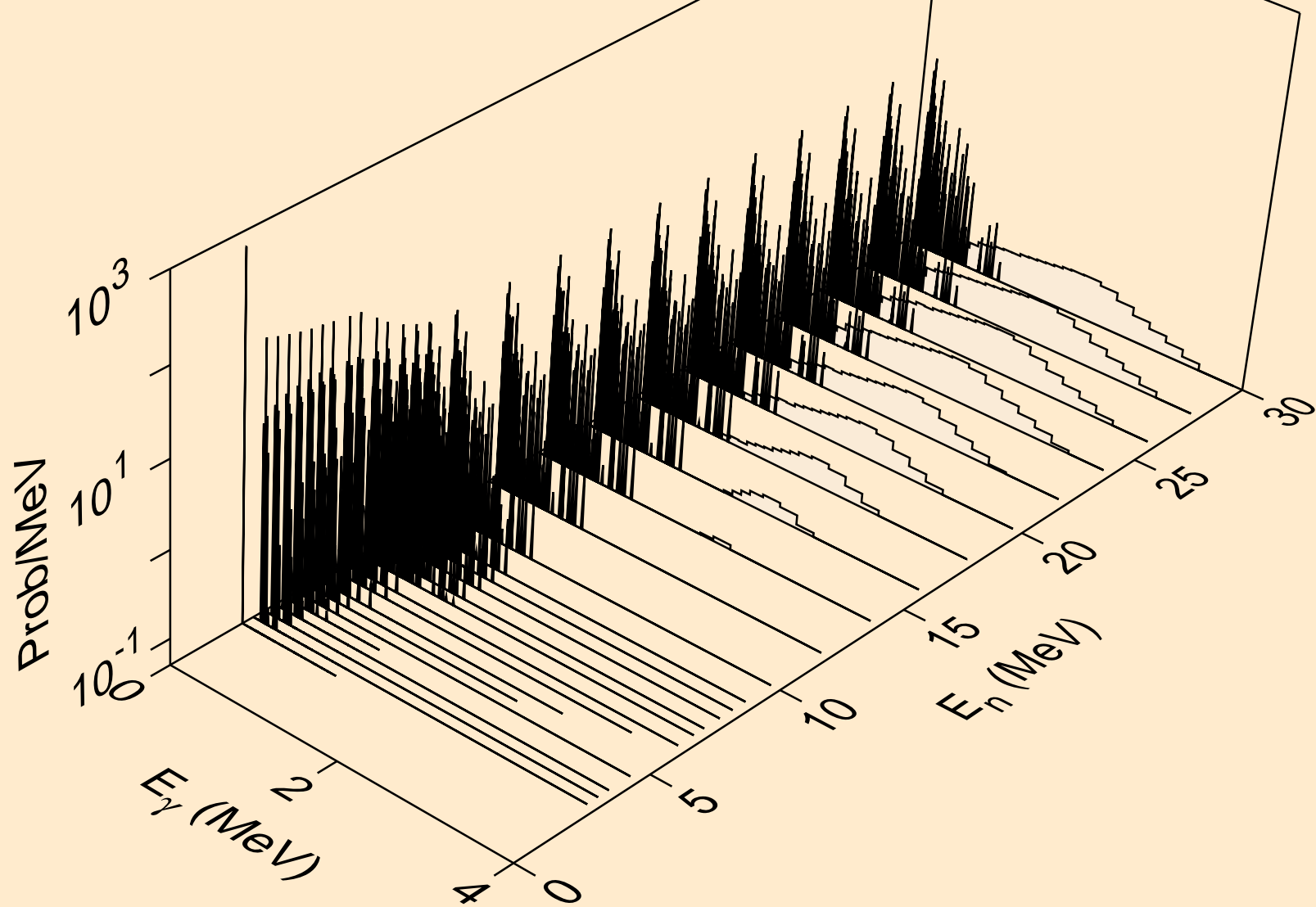
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Photon emission for (n,gma)



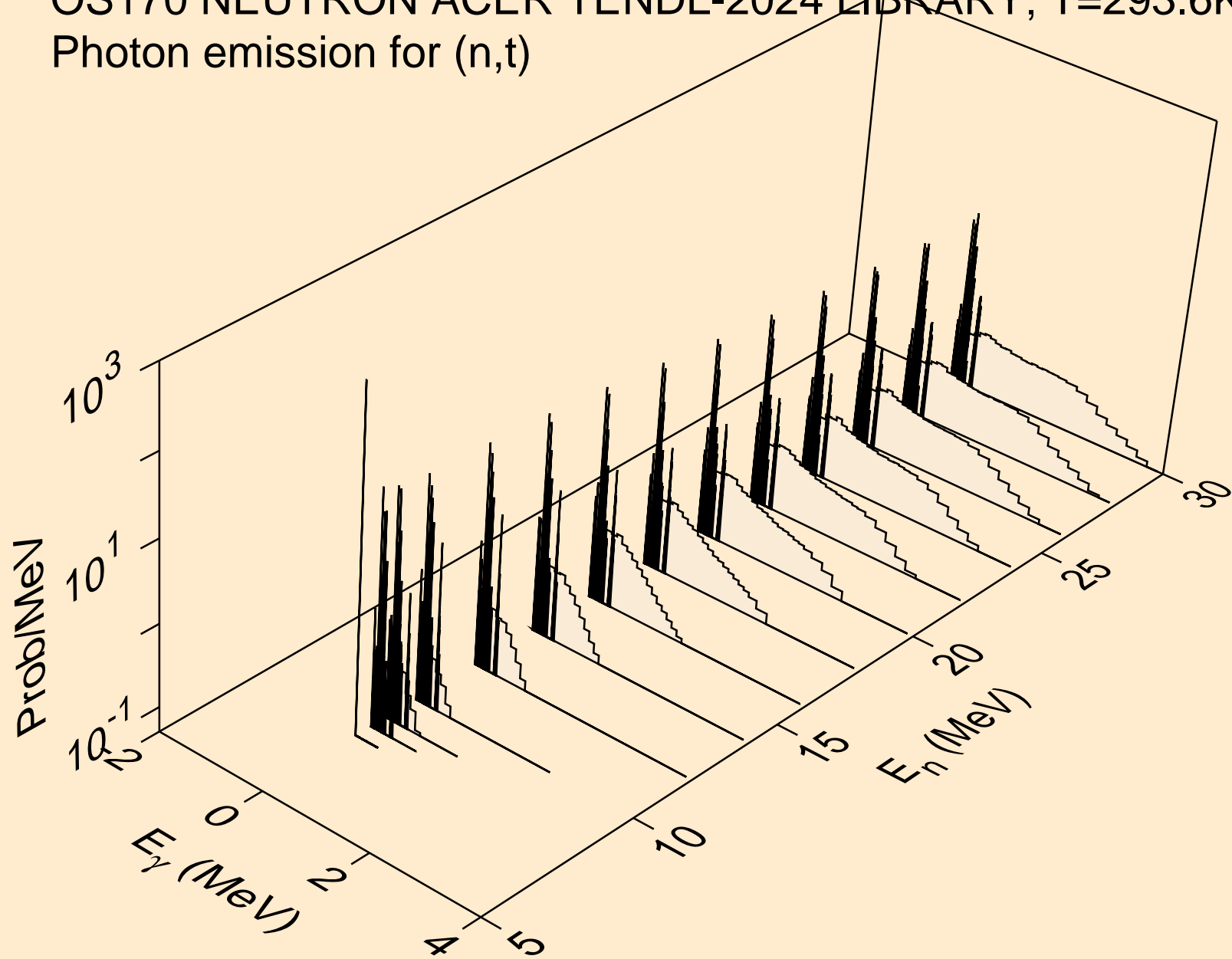
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Photon emission for (n,p)



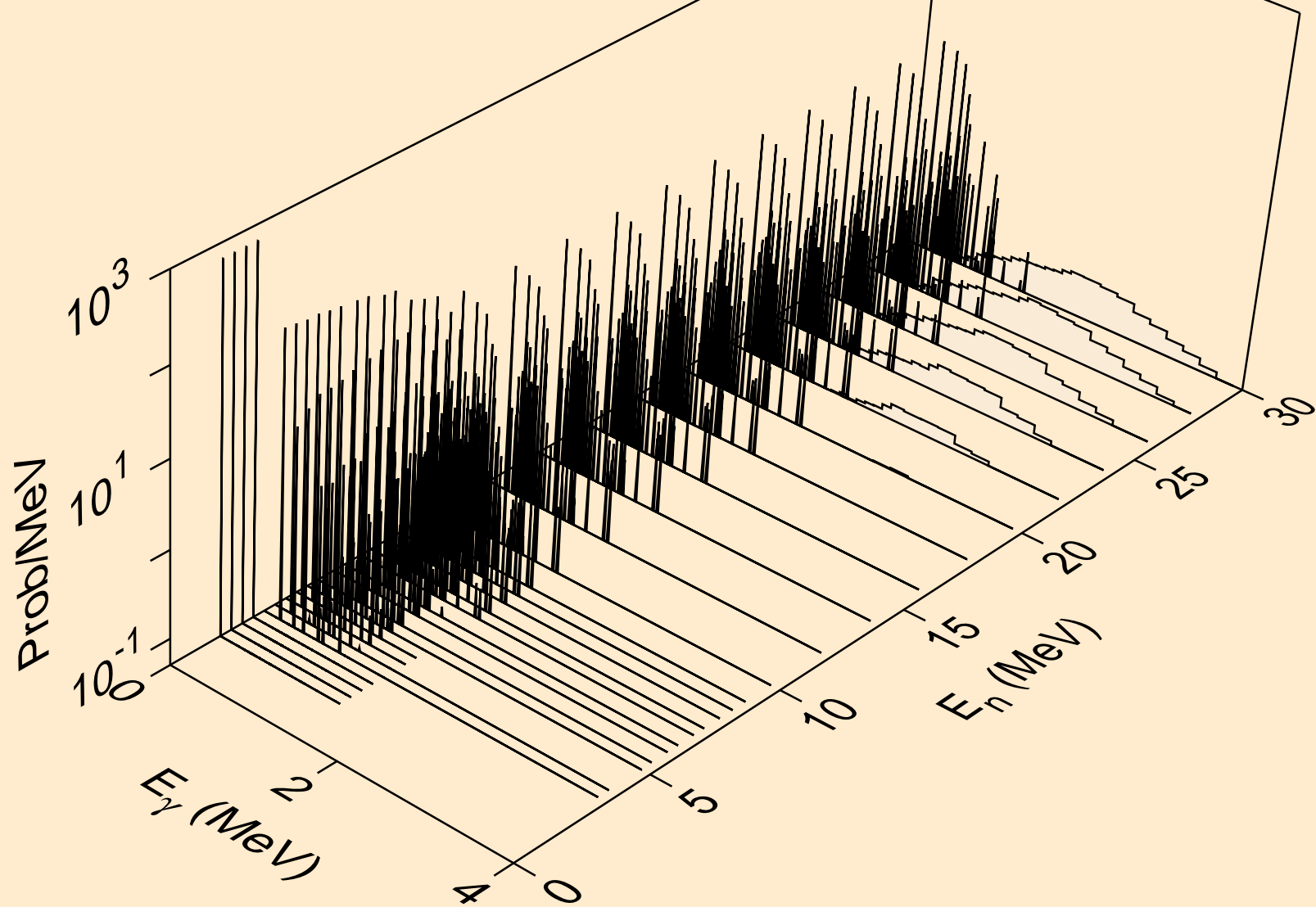
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Photon emission for (n,d)



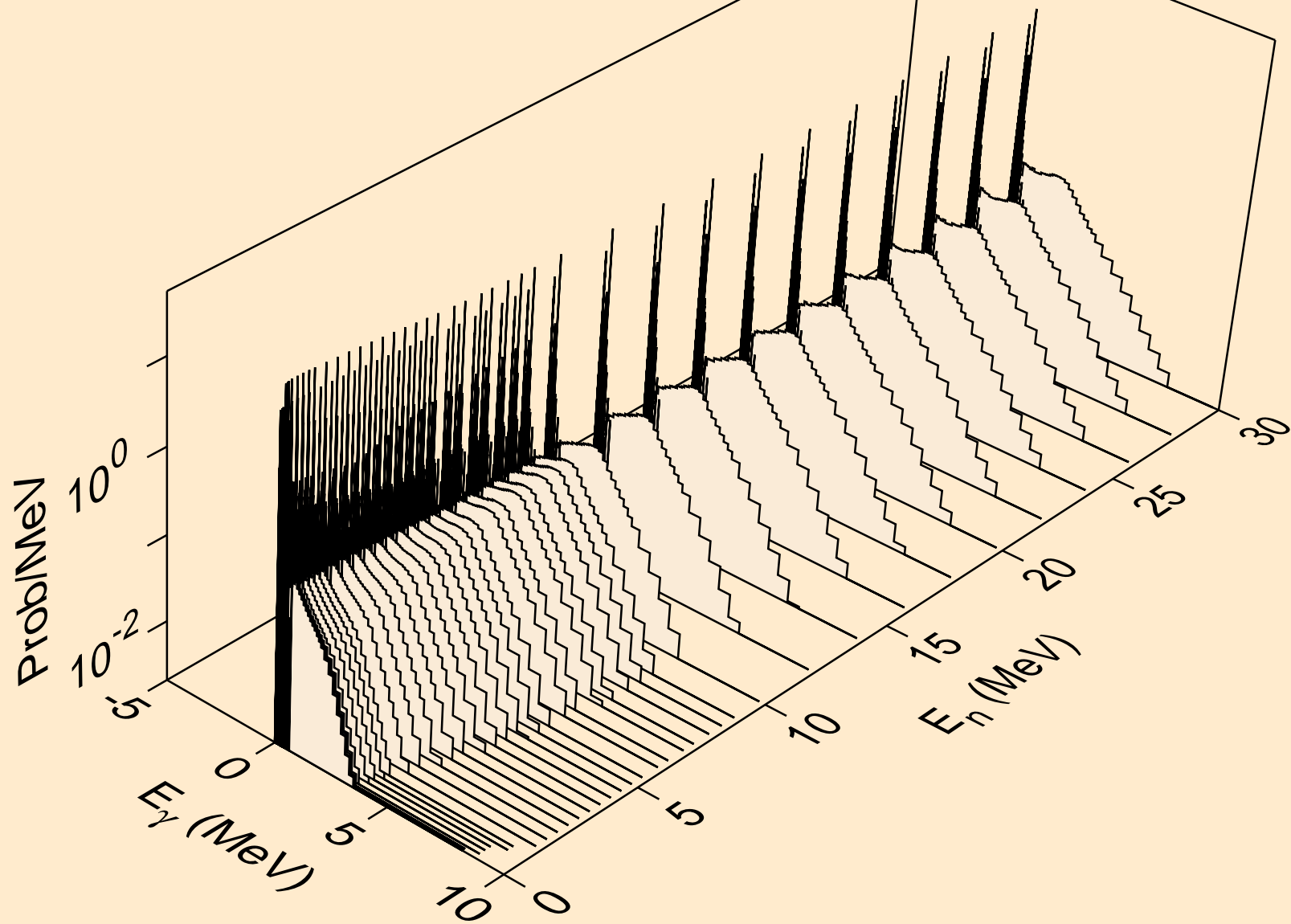
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



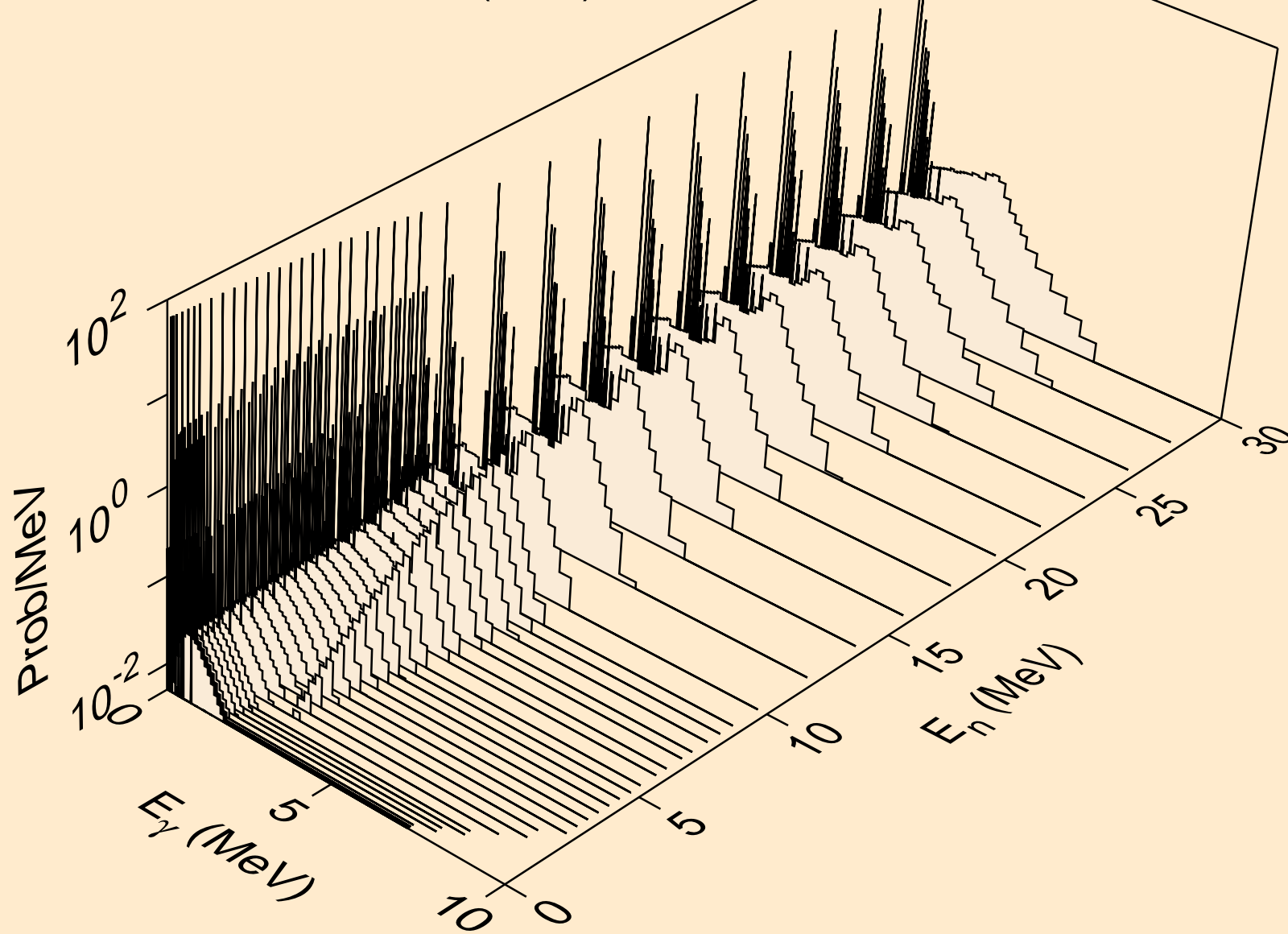
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



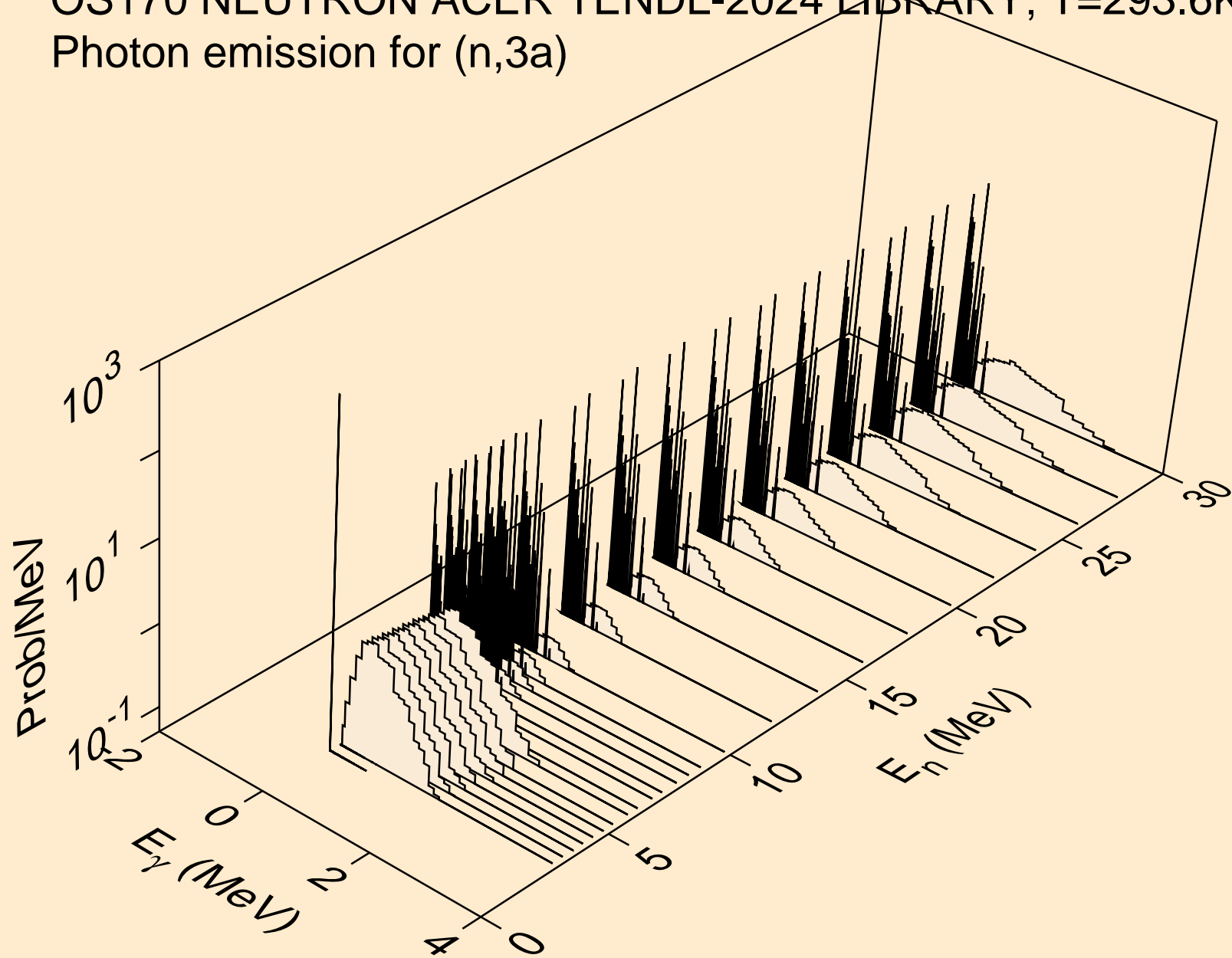
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Photon emission for (n,a)



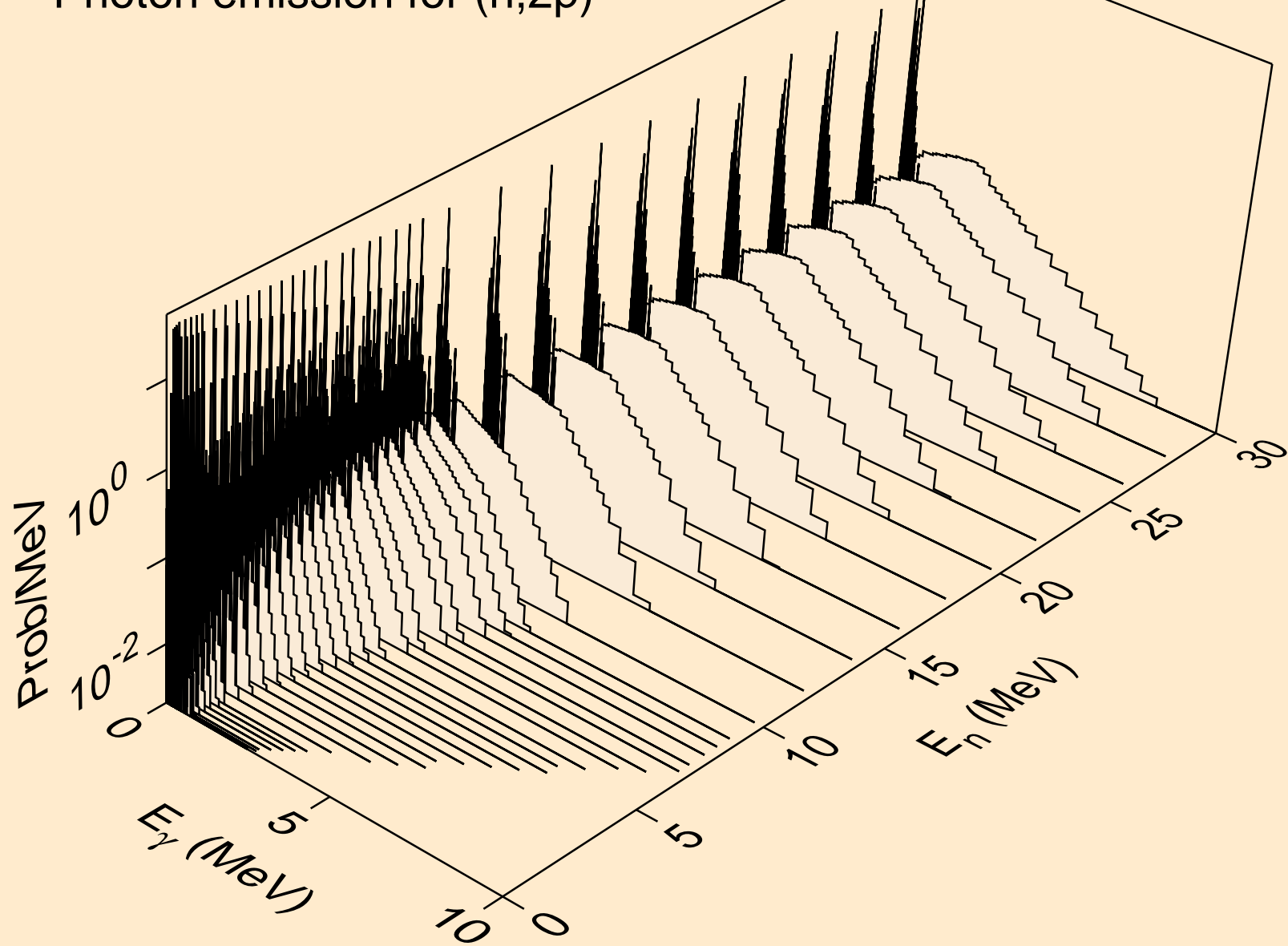
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Photon emission for (n,2a)



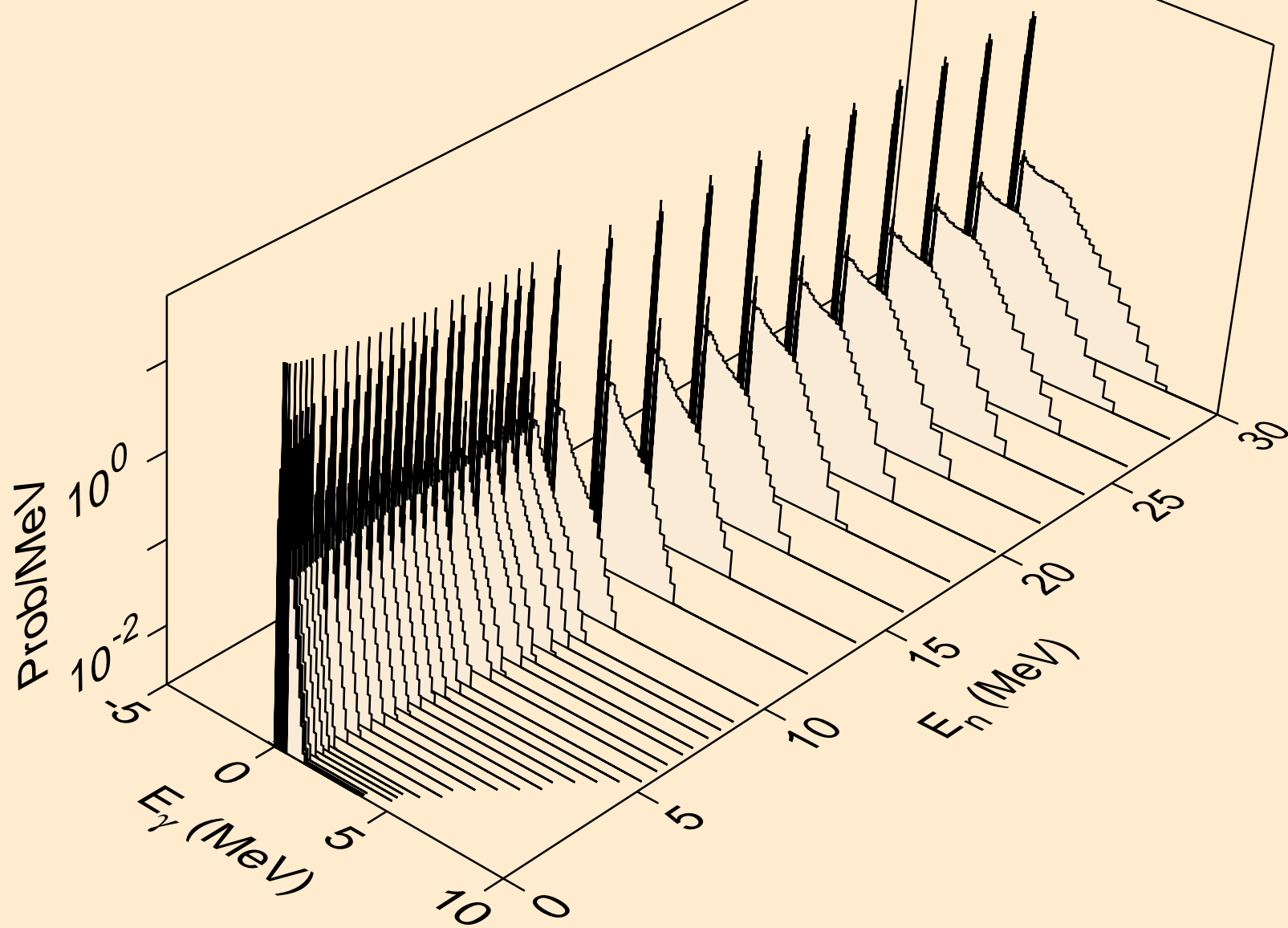
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Photon emission for (n,3a)



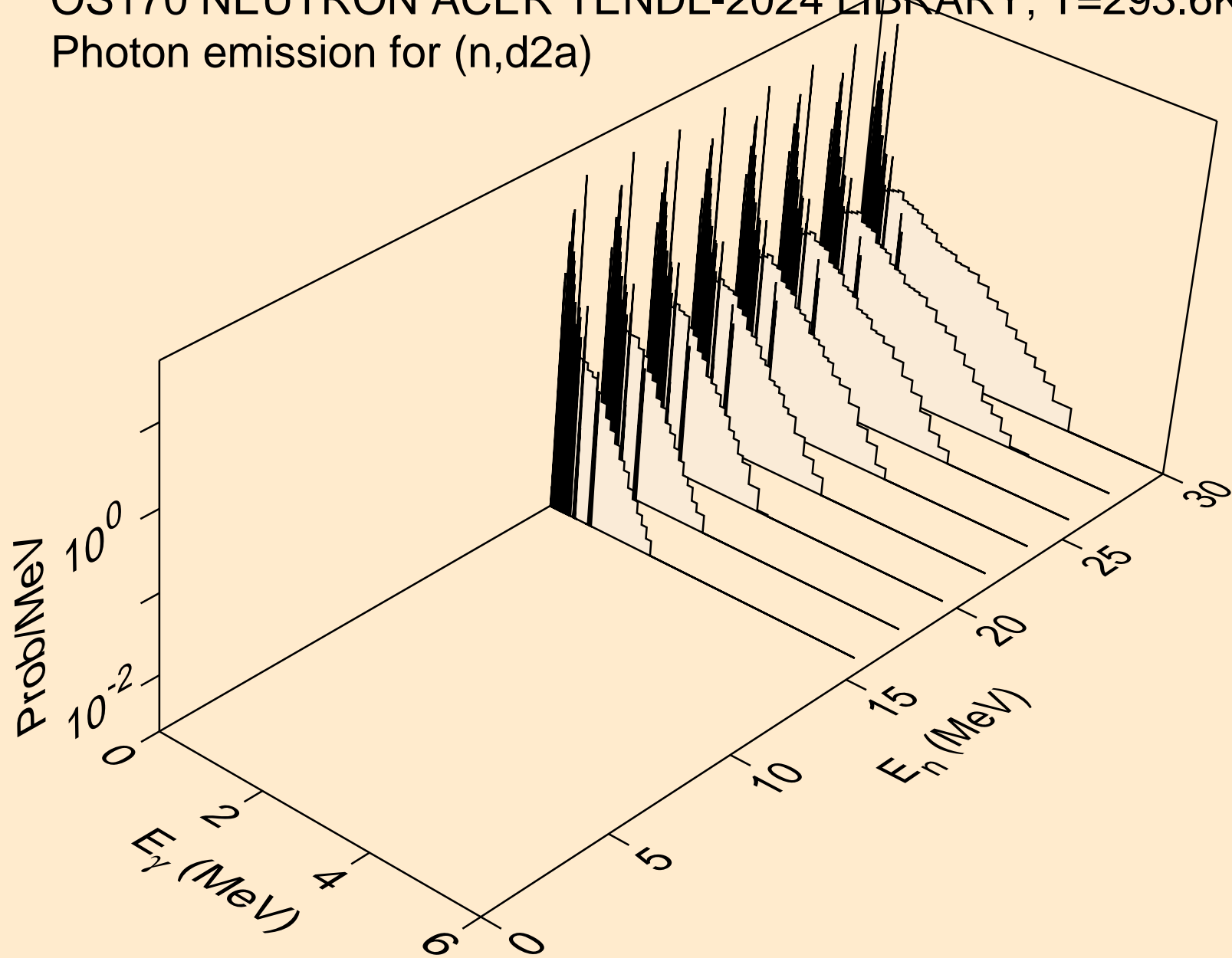
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Photon emission for (n,2p)



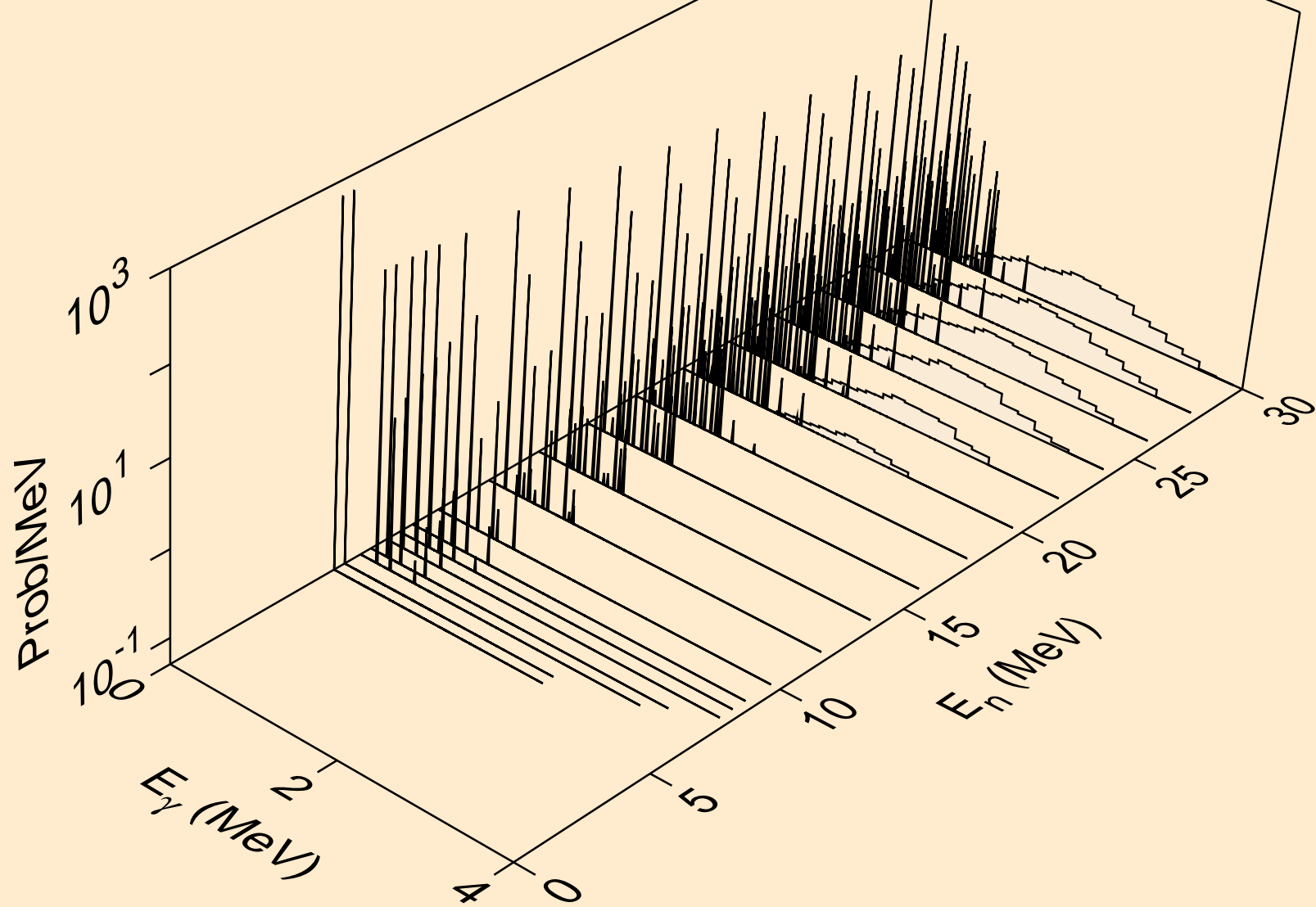
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Photon emission for (n,p)



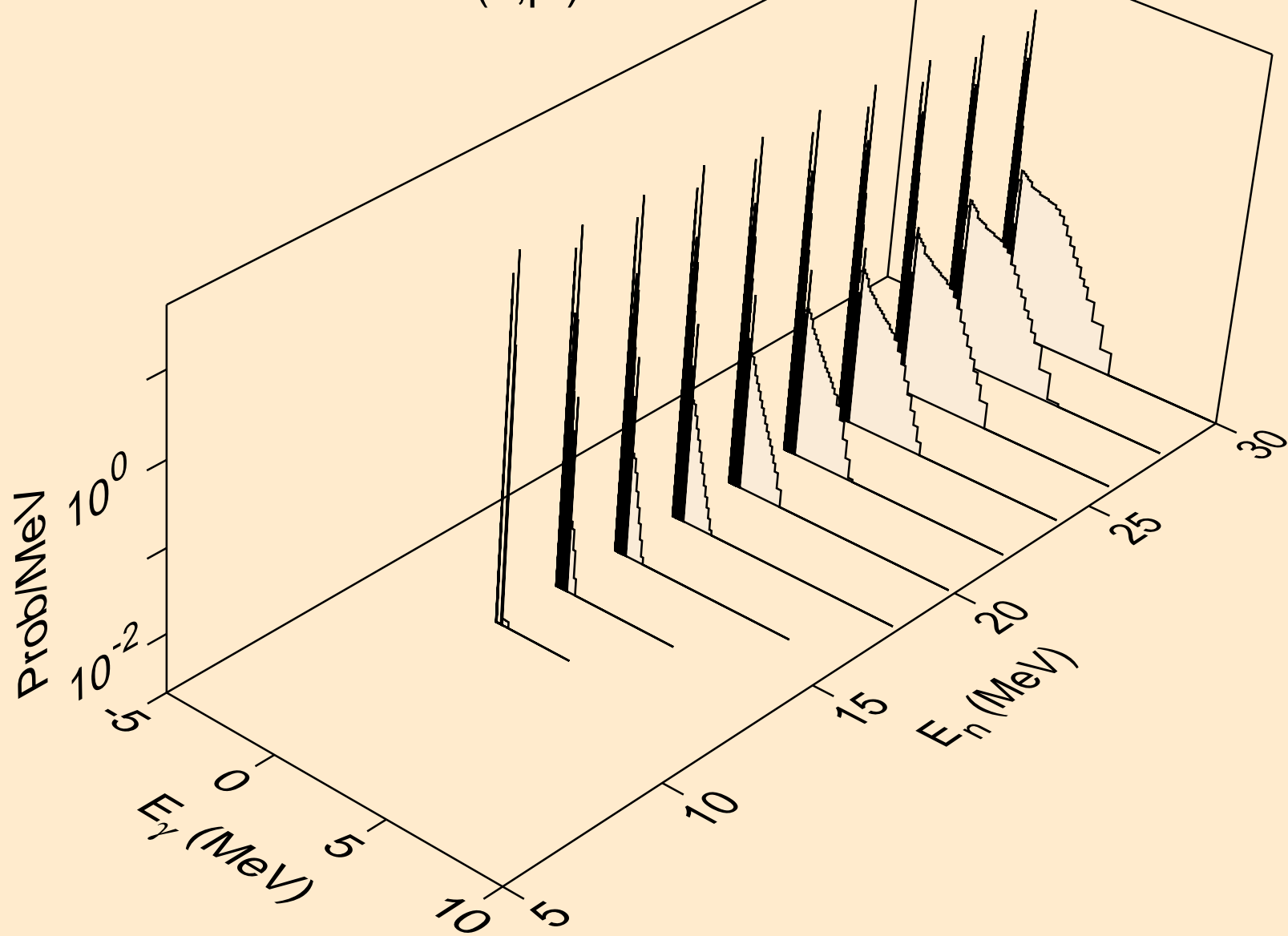
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Photon emission for (n,d2a)



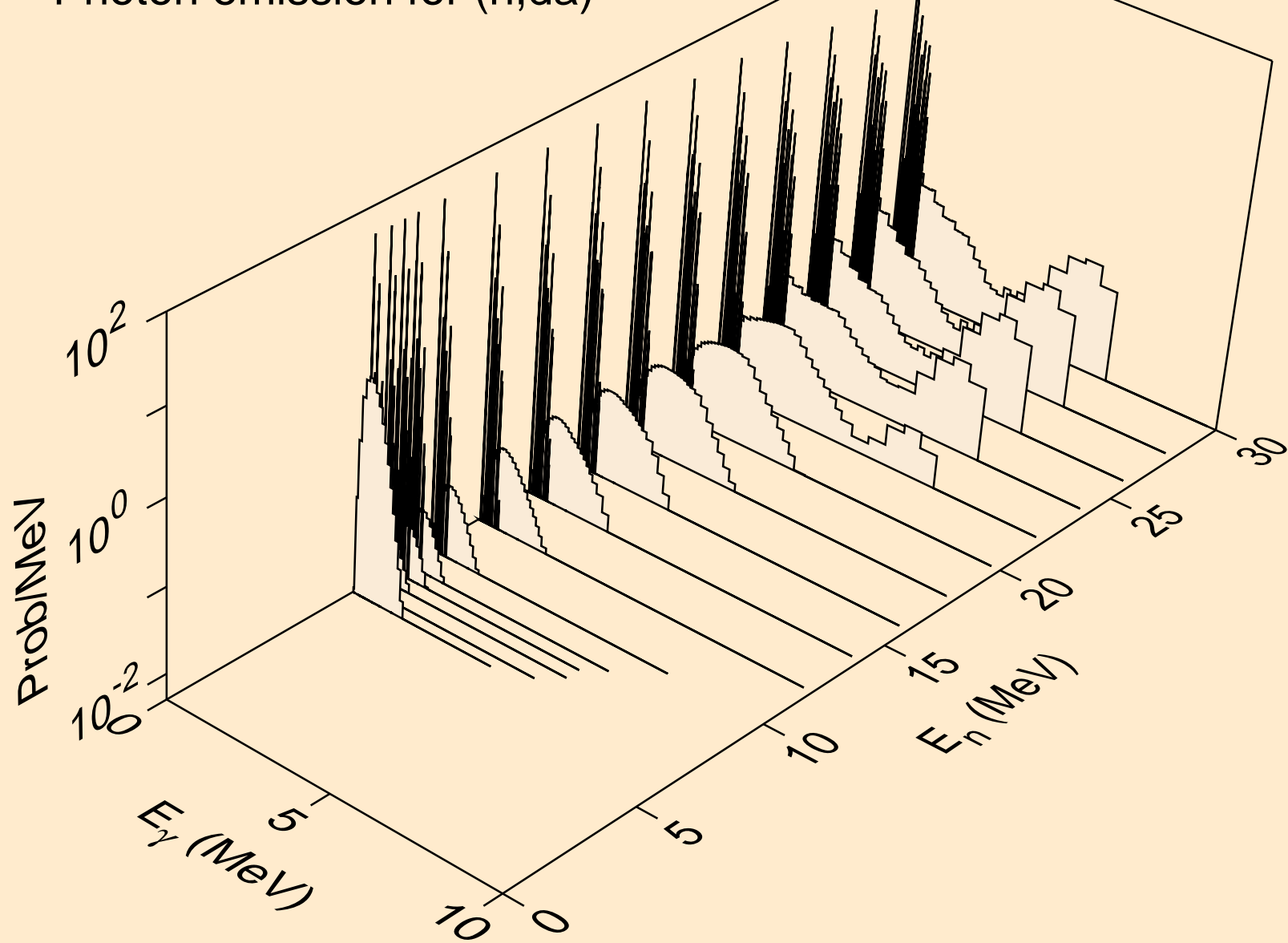
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pd)



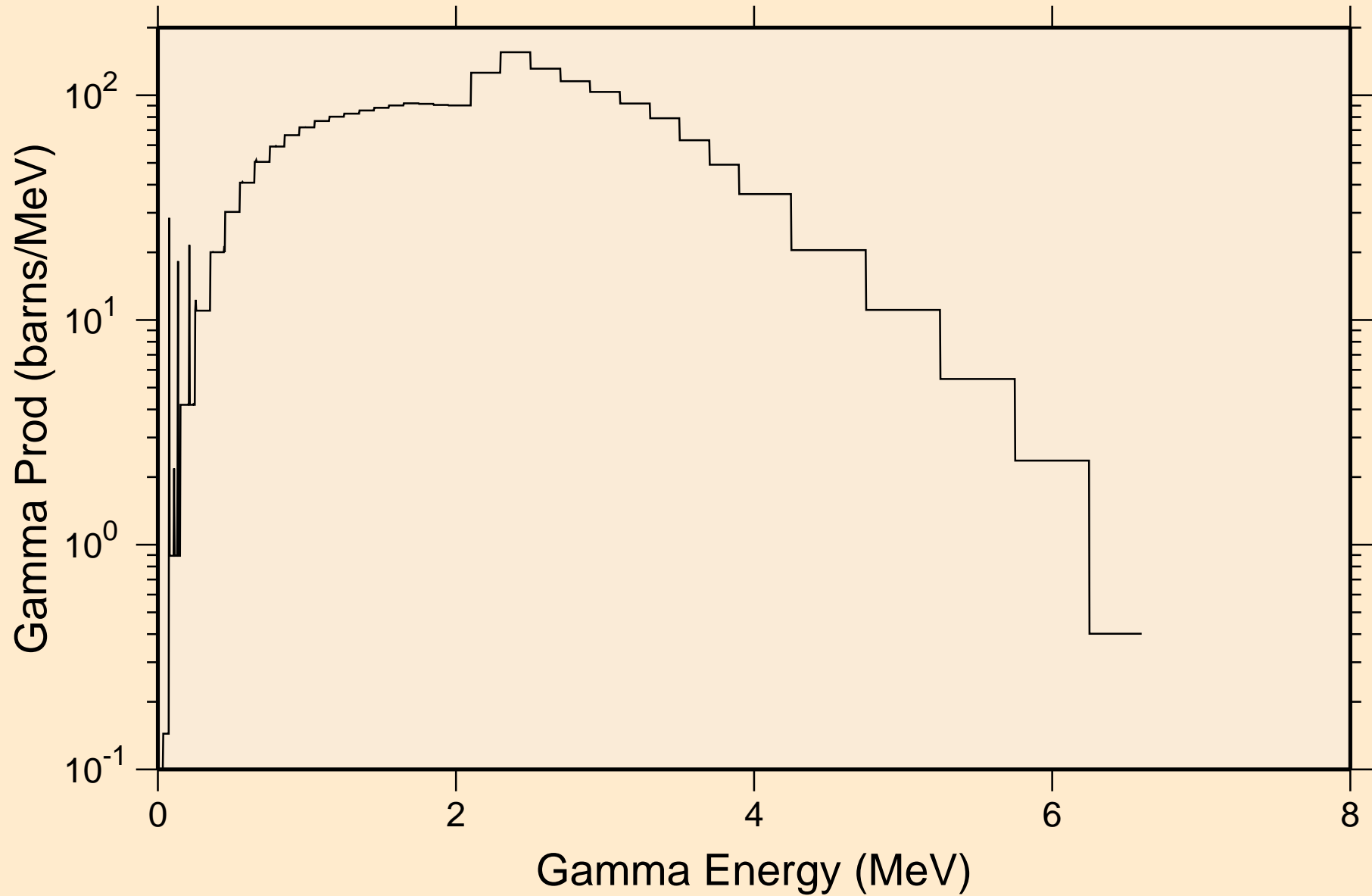
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Photon emission for (n,pt)



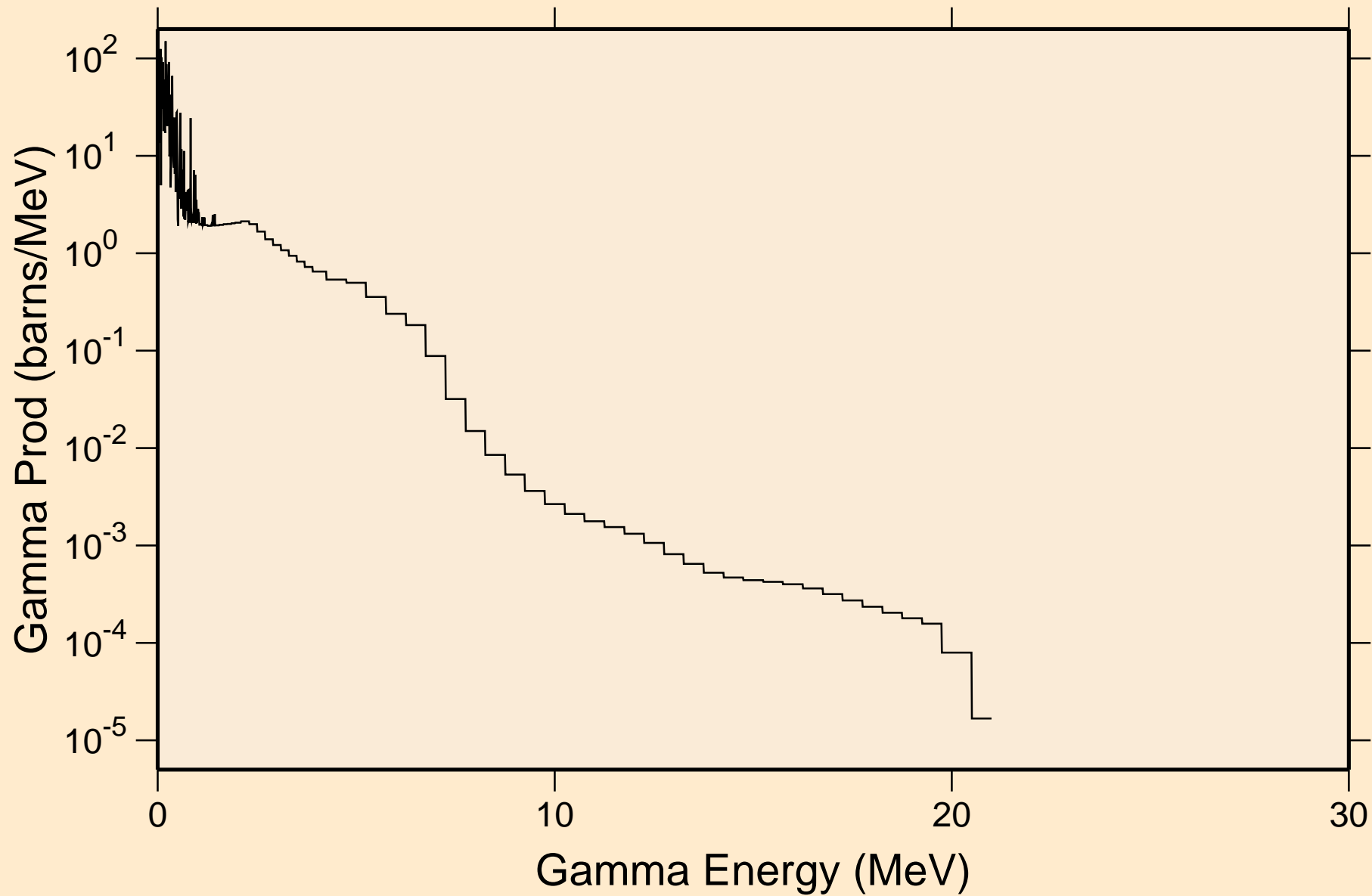
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,da)



OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum

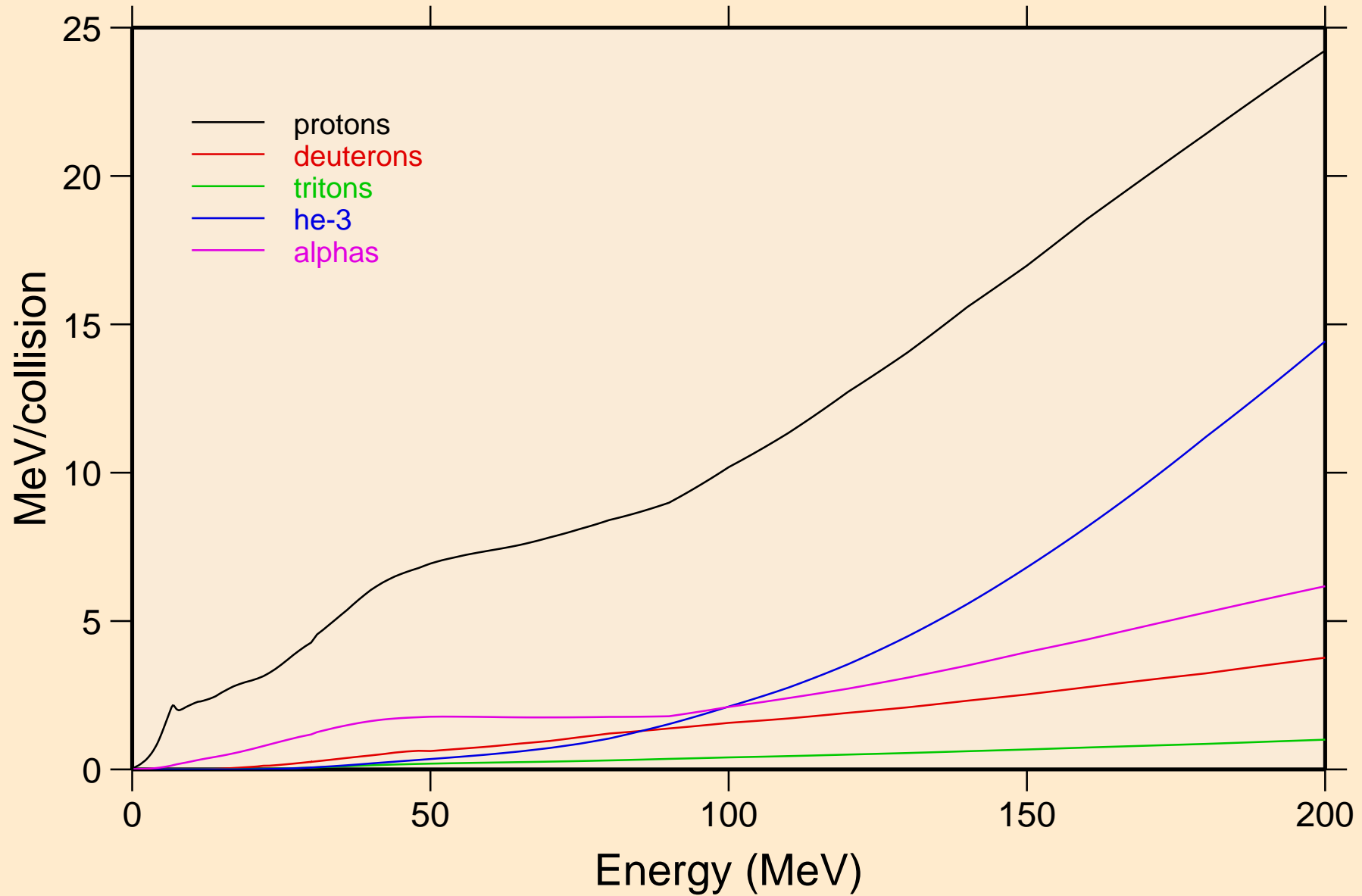


OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum



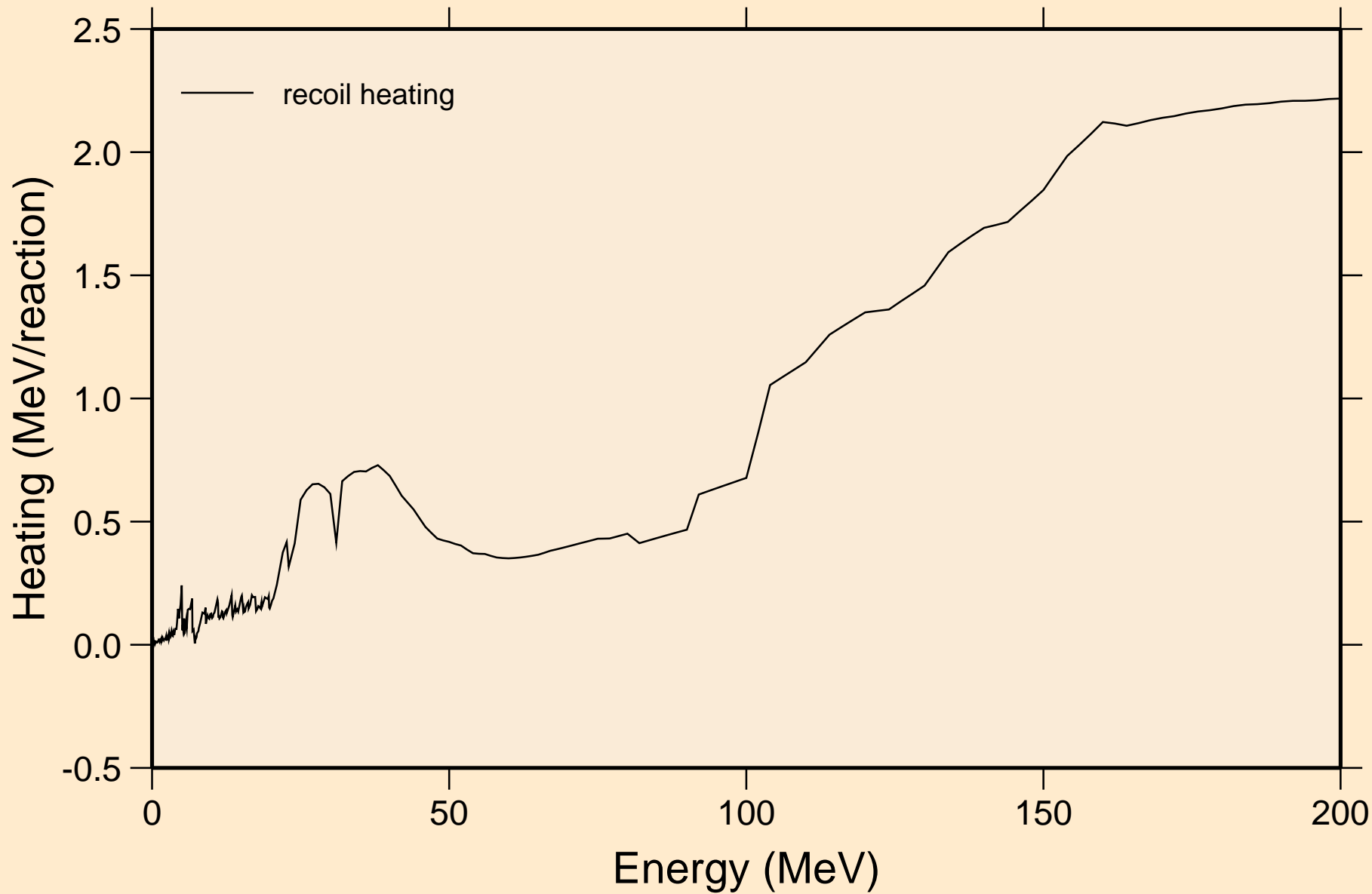
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## Particle heating contributions



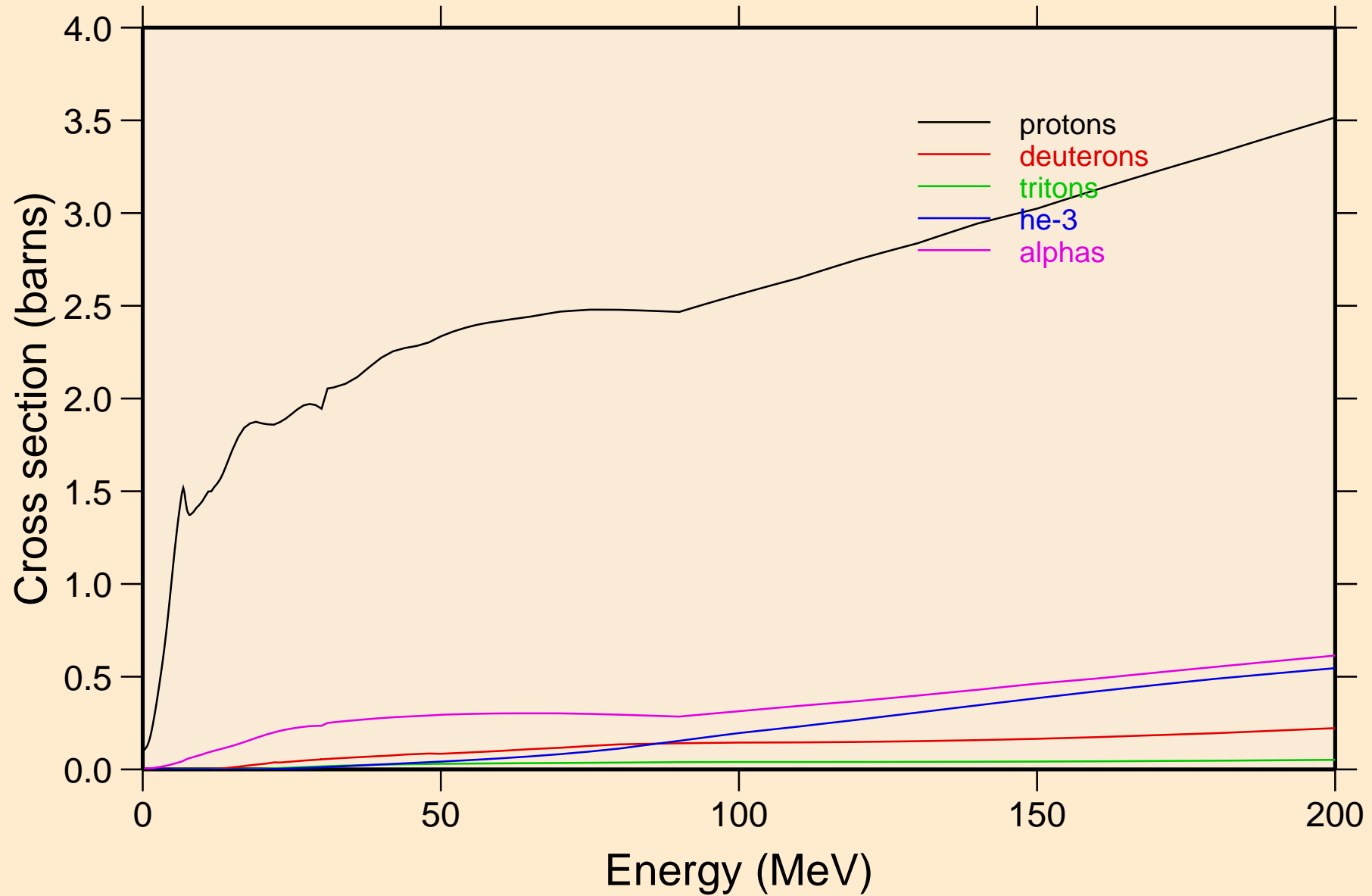
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## Recoil Heating

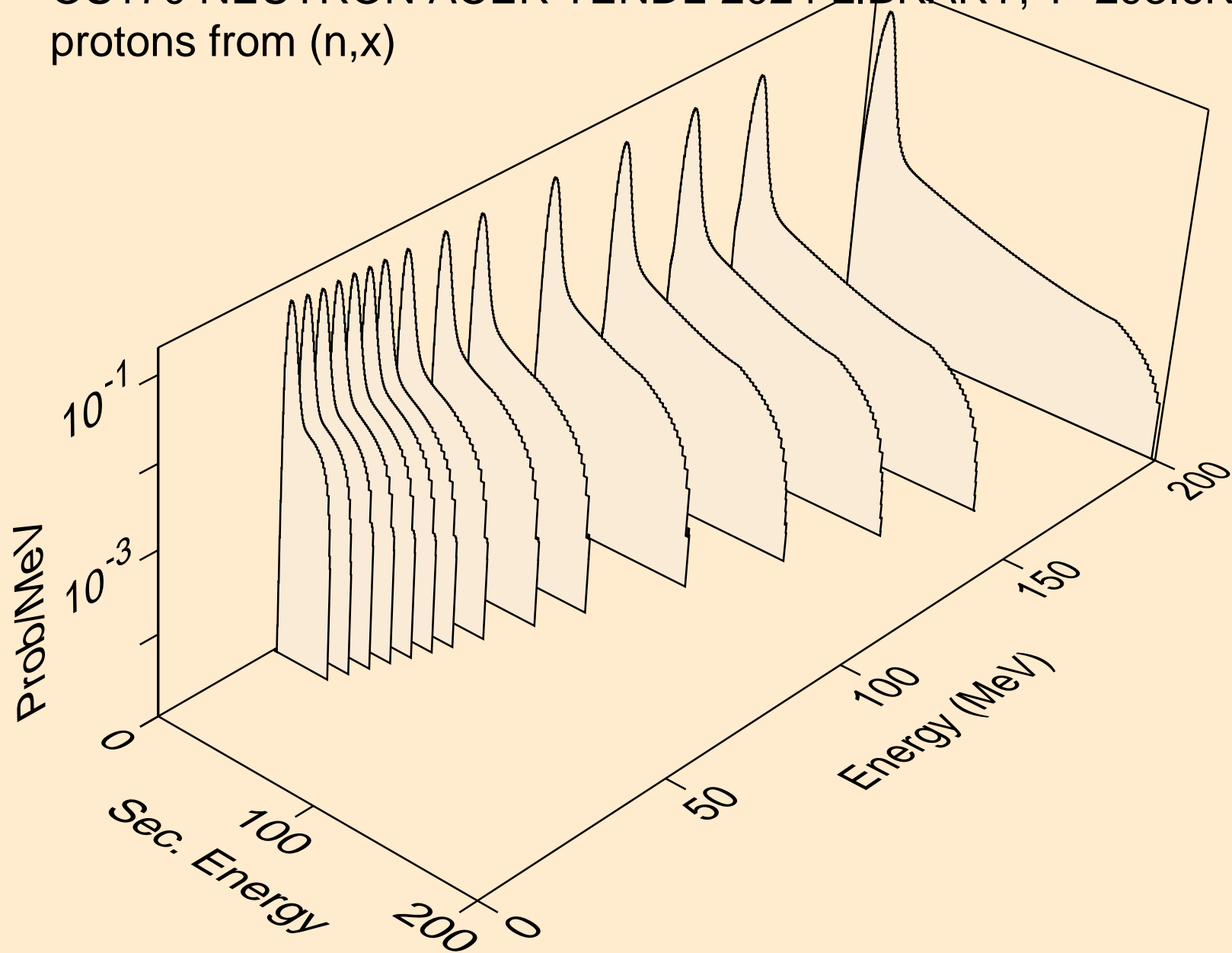


# OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

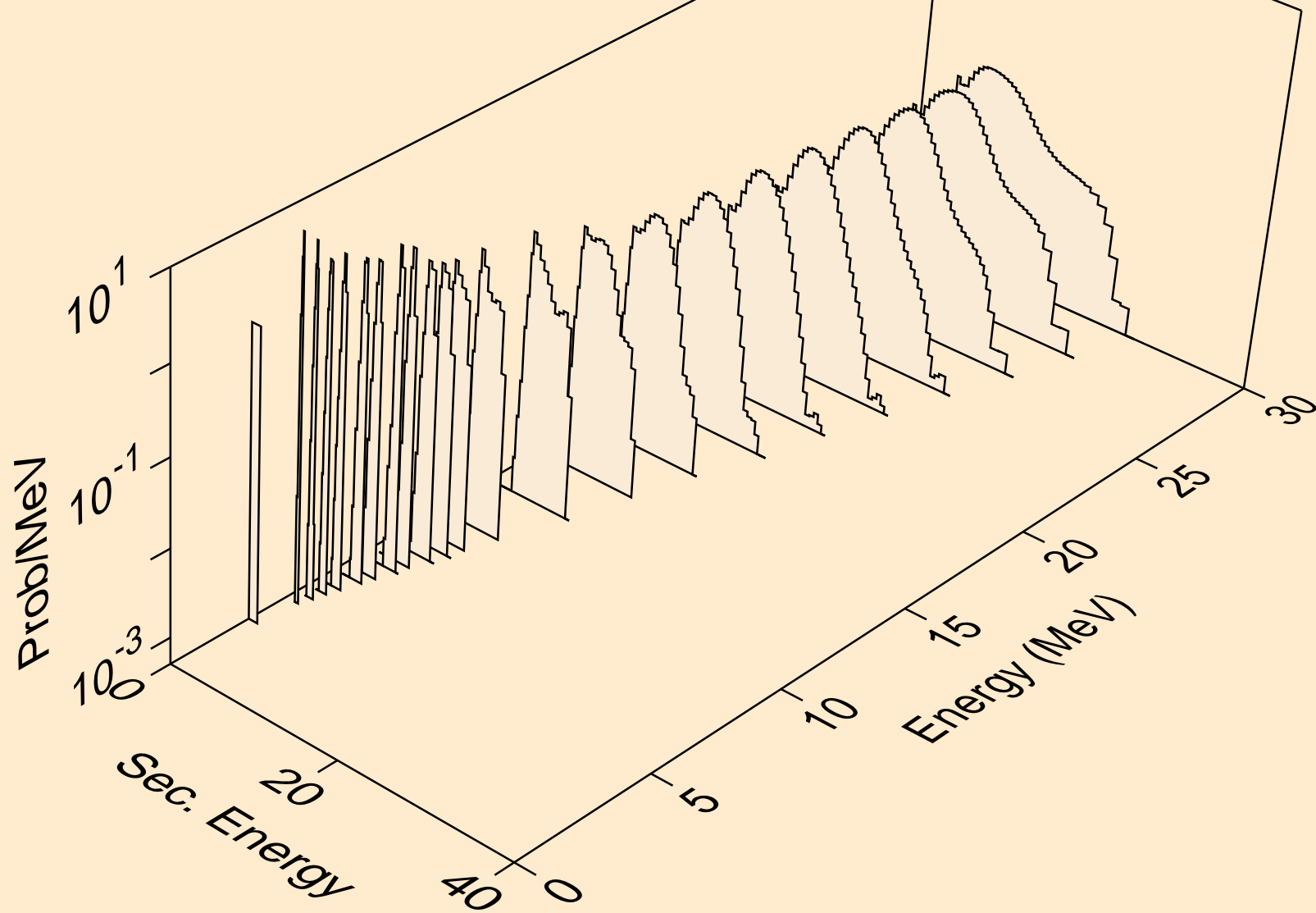
## Particle production cross sections



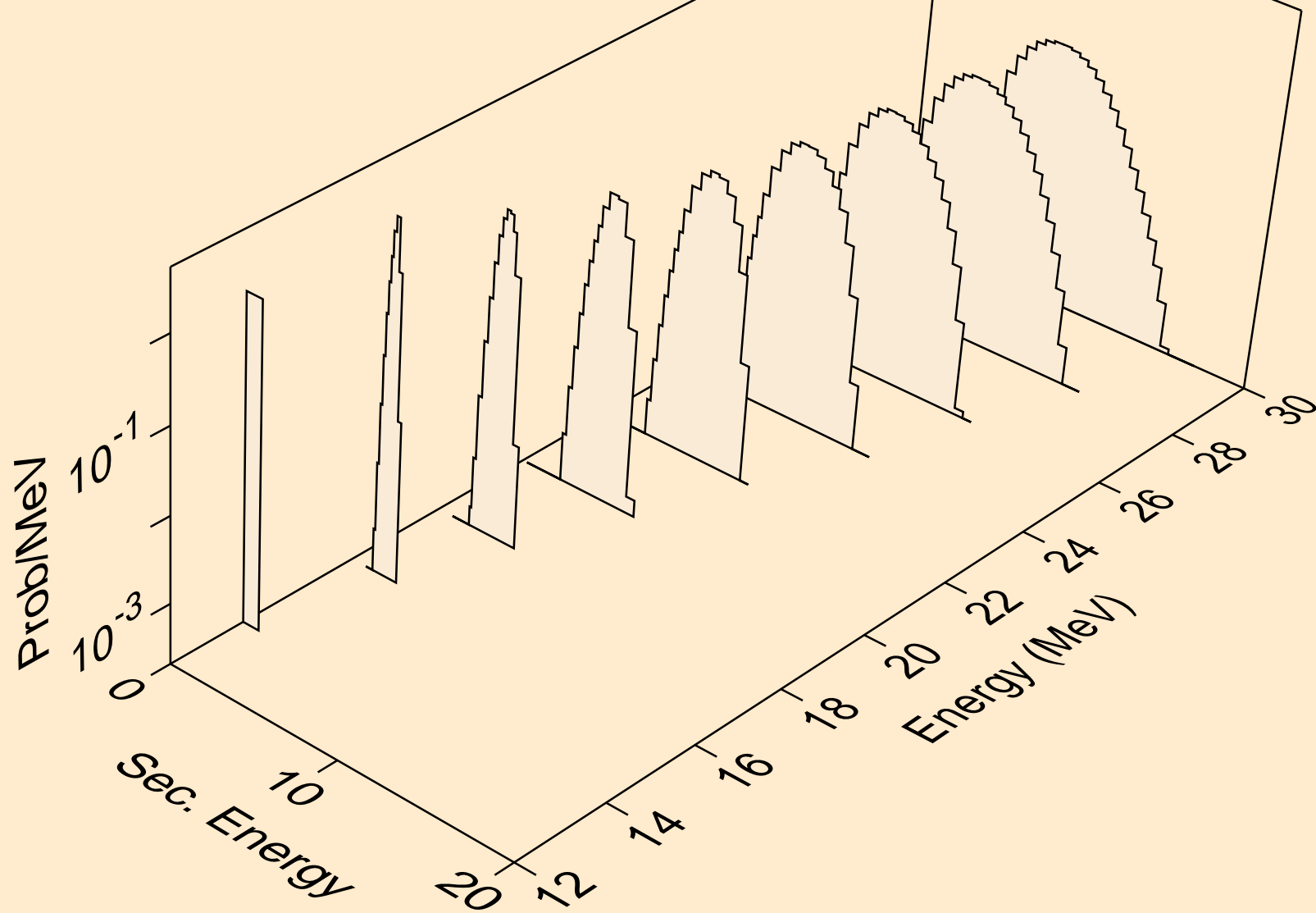
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



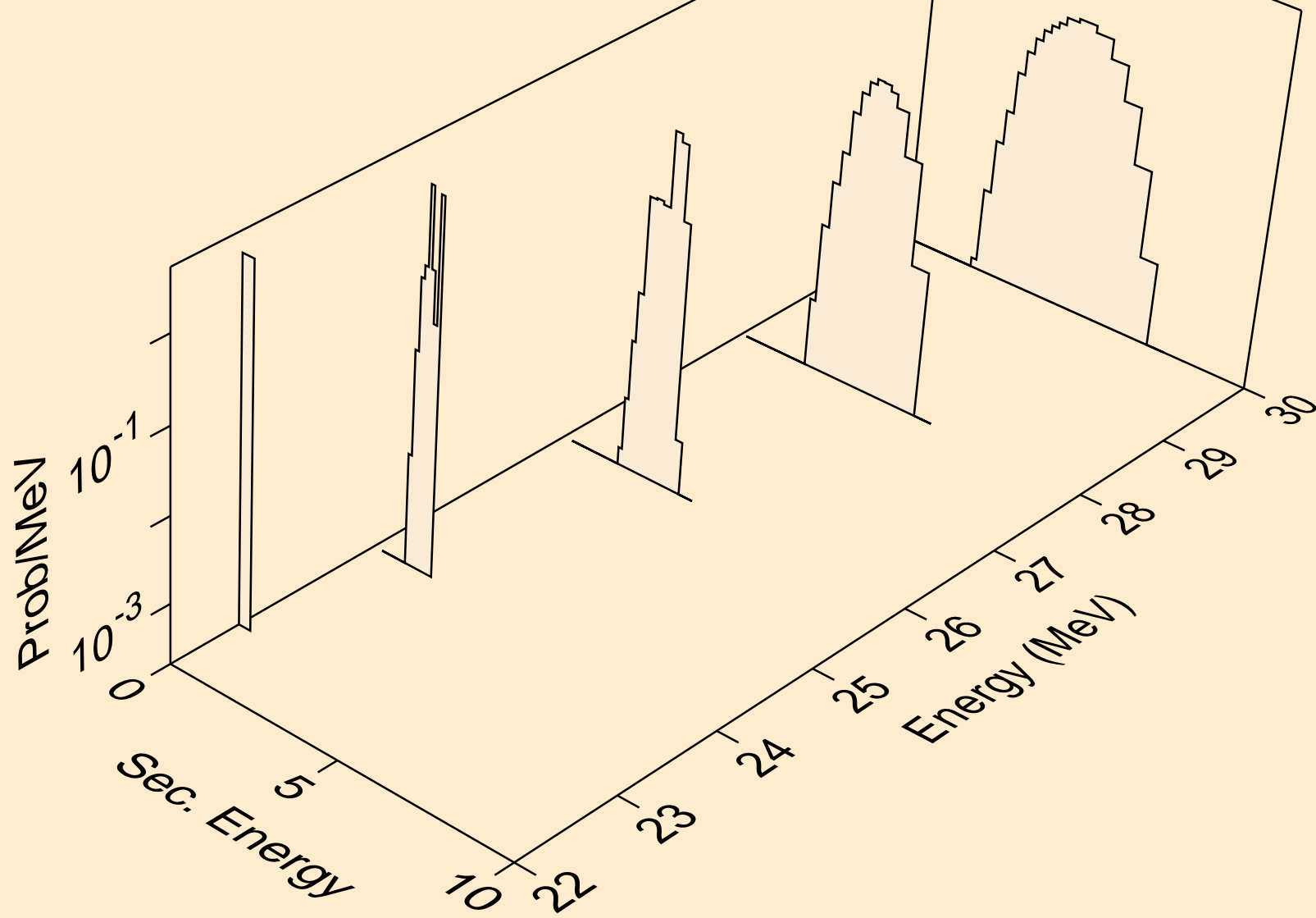
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



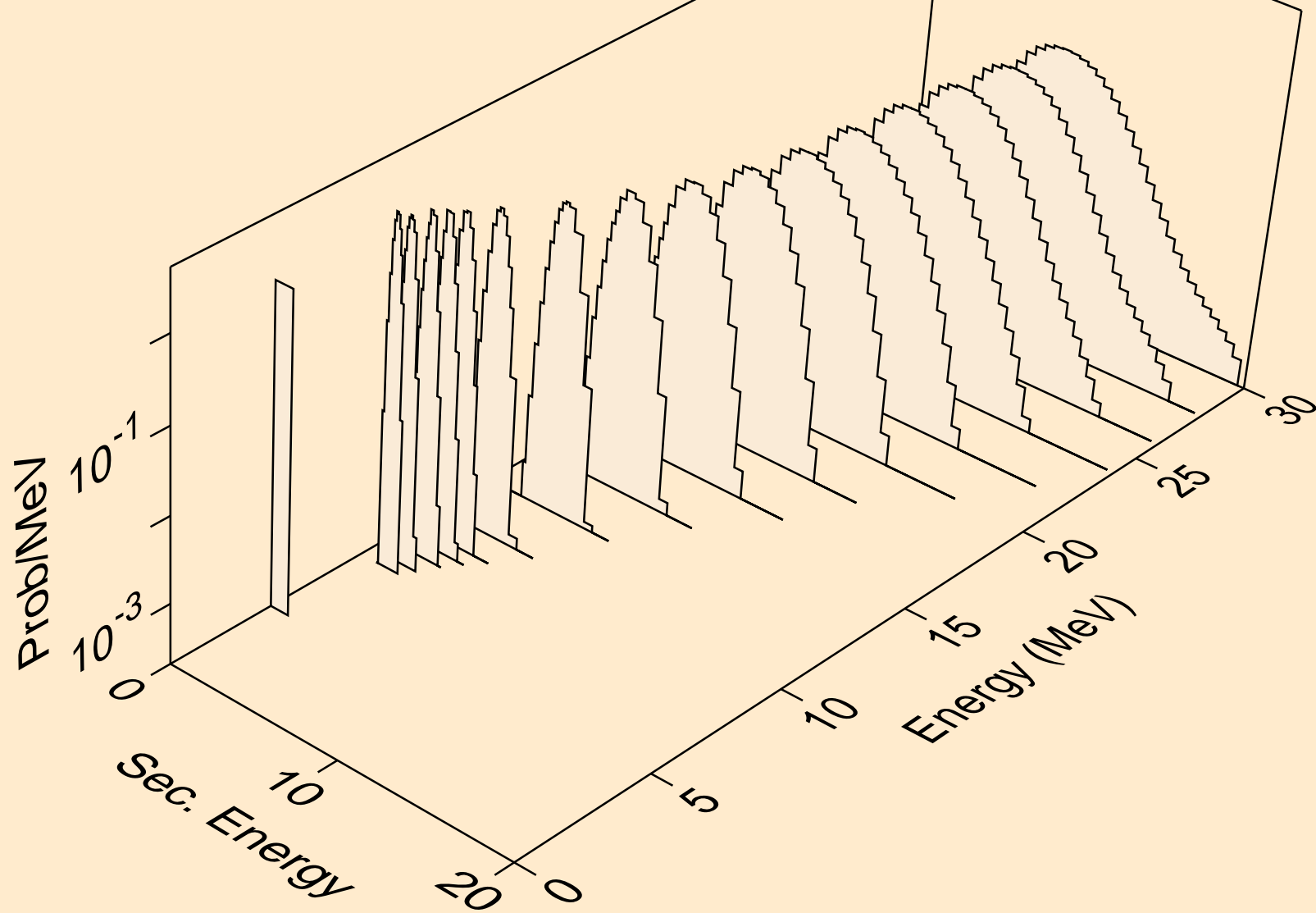
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protons from (n,2np)



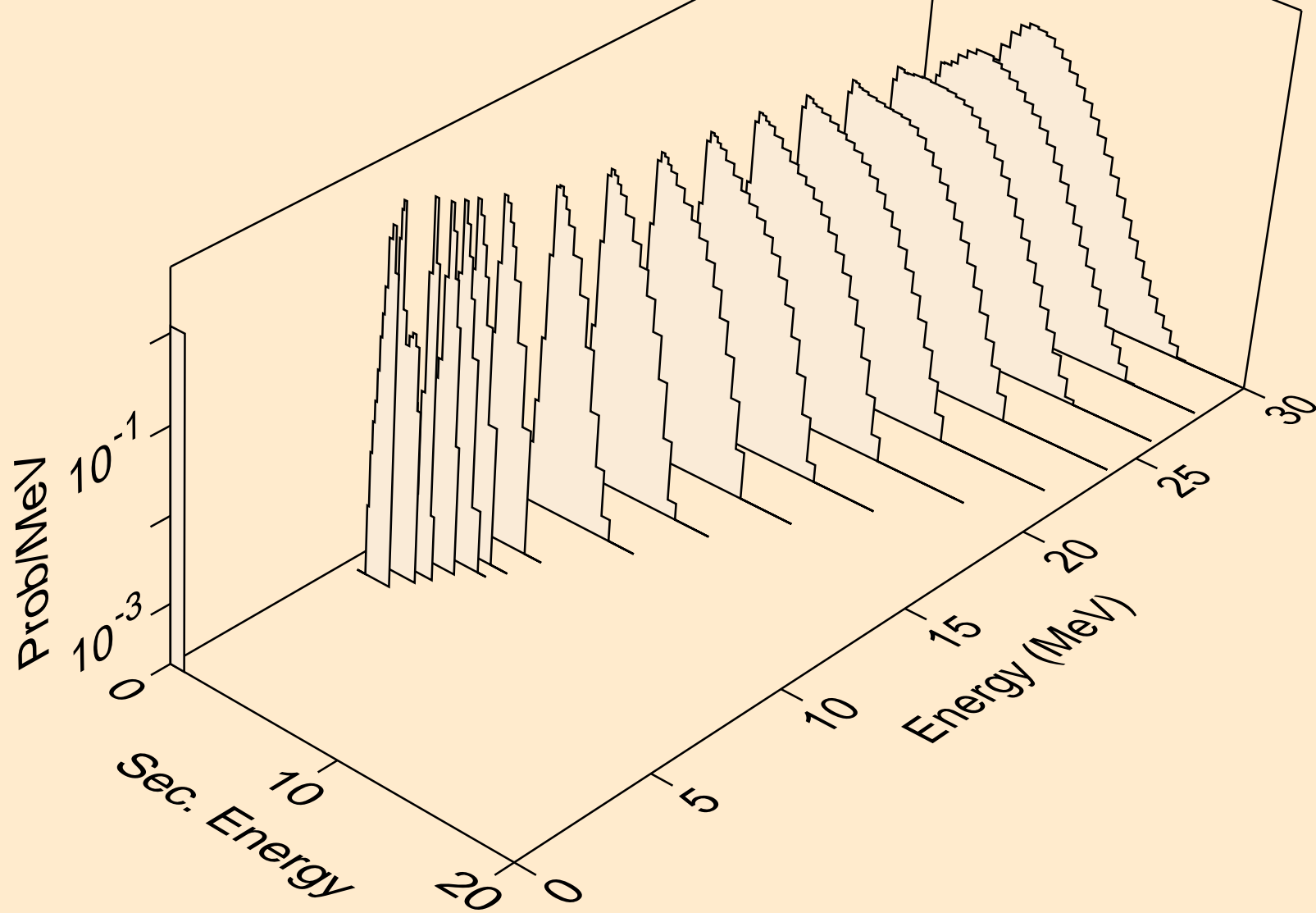
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protons from (n,3np)



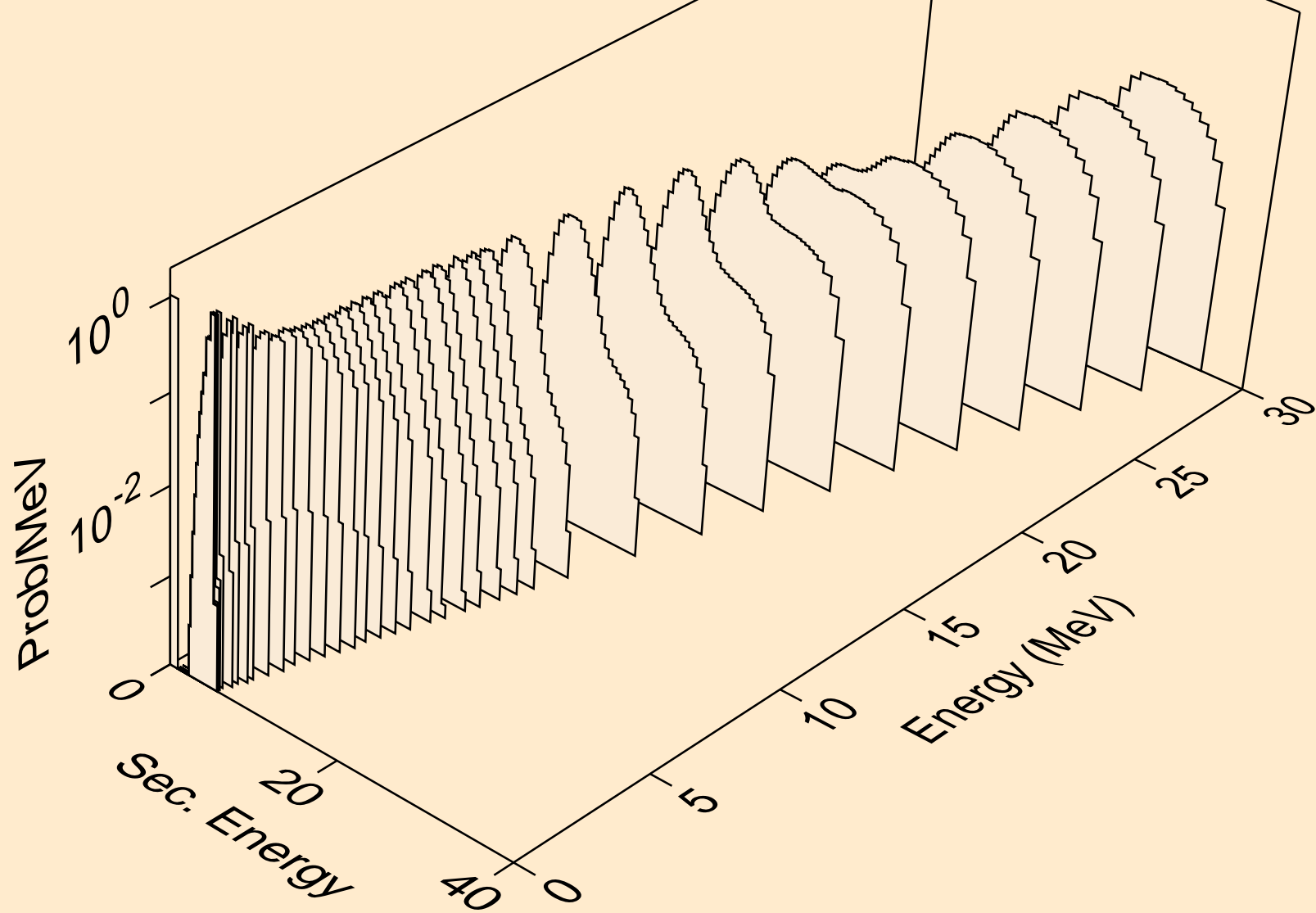
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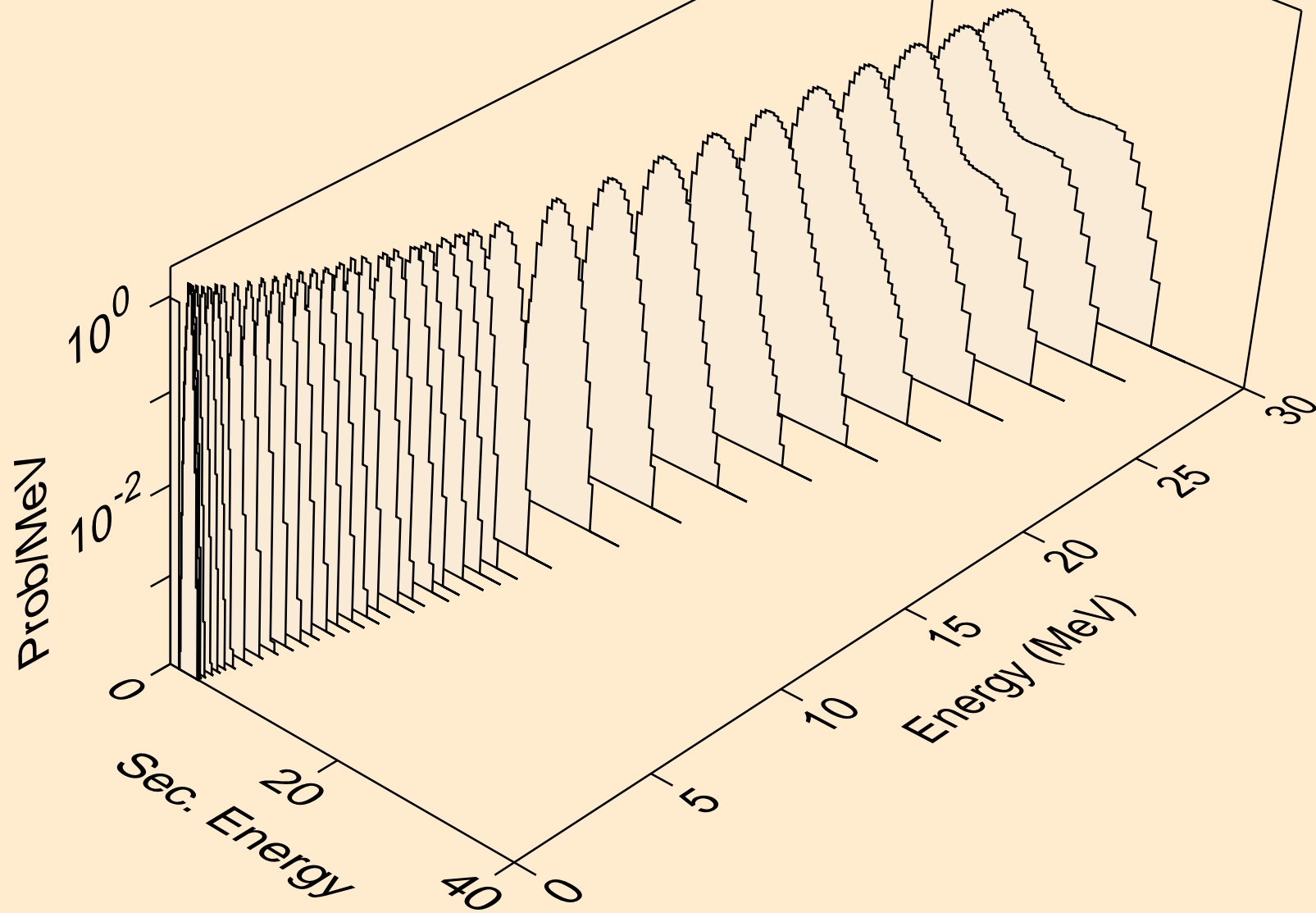
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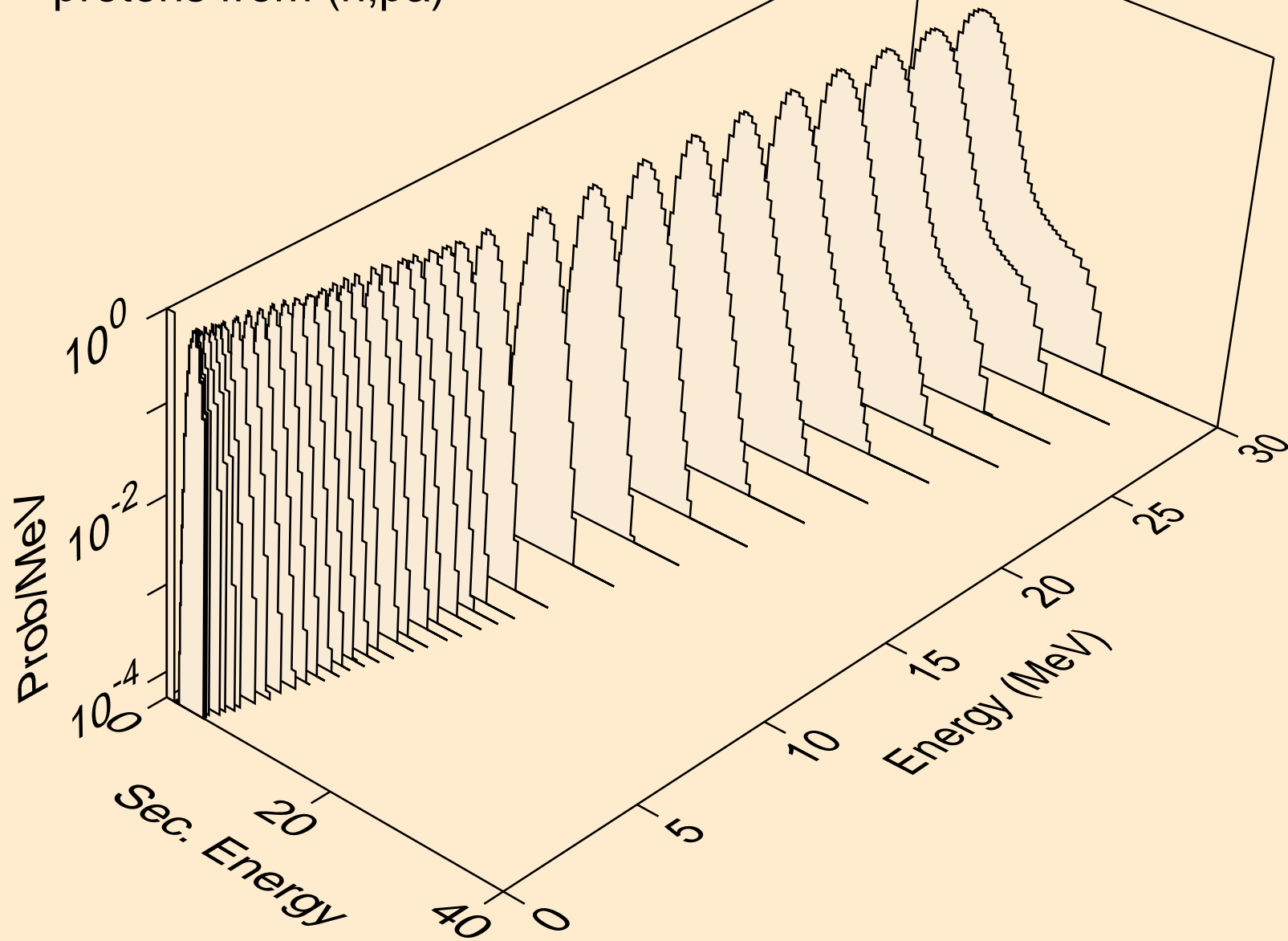
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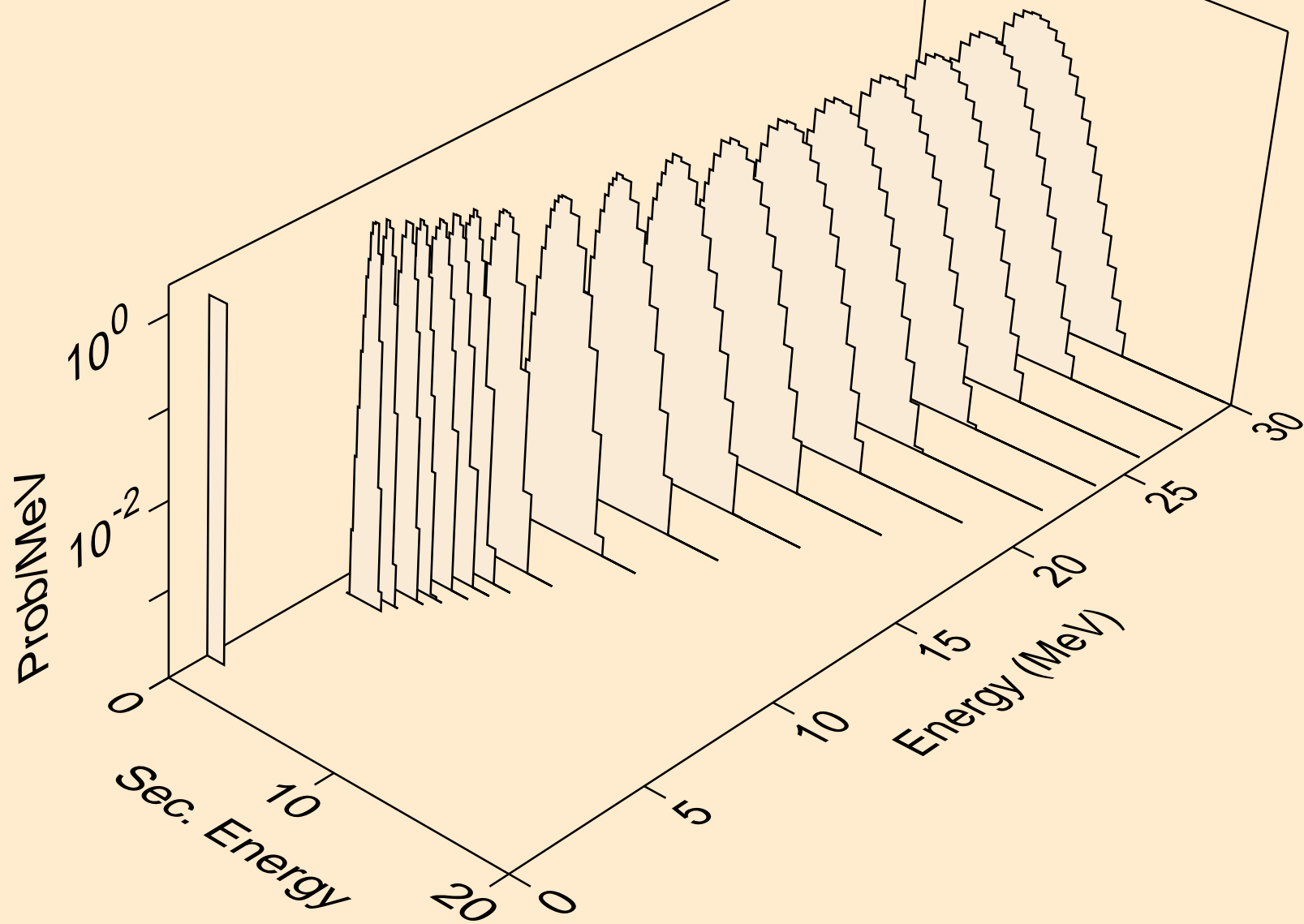
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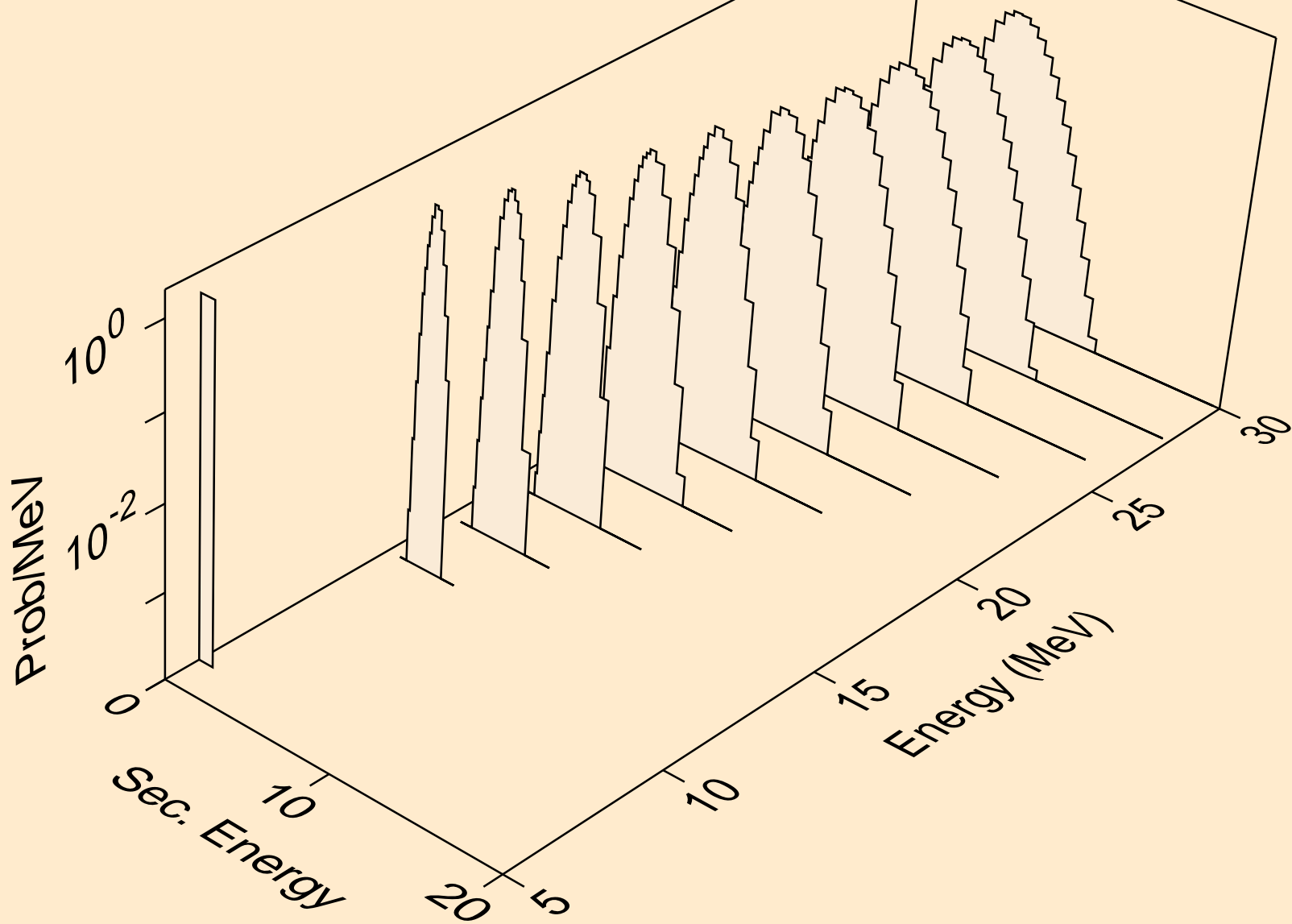
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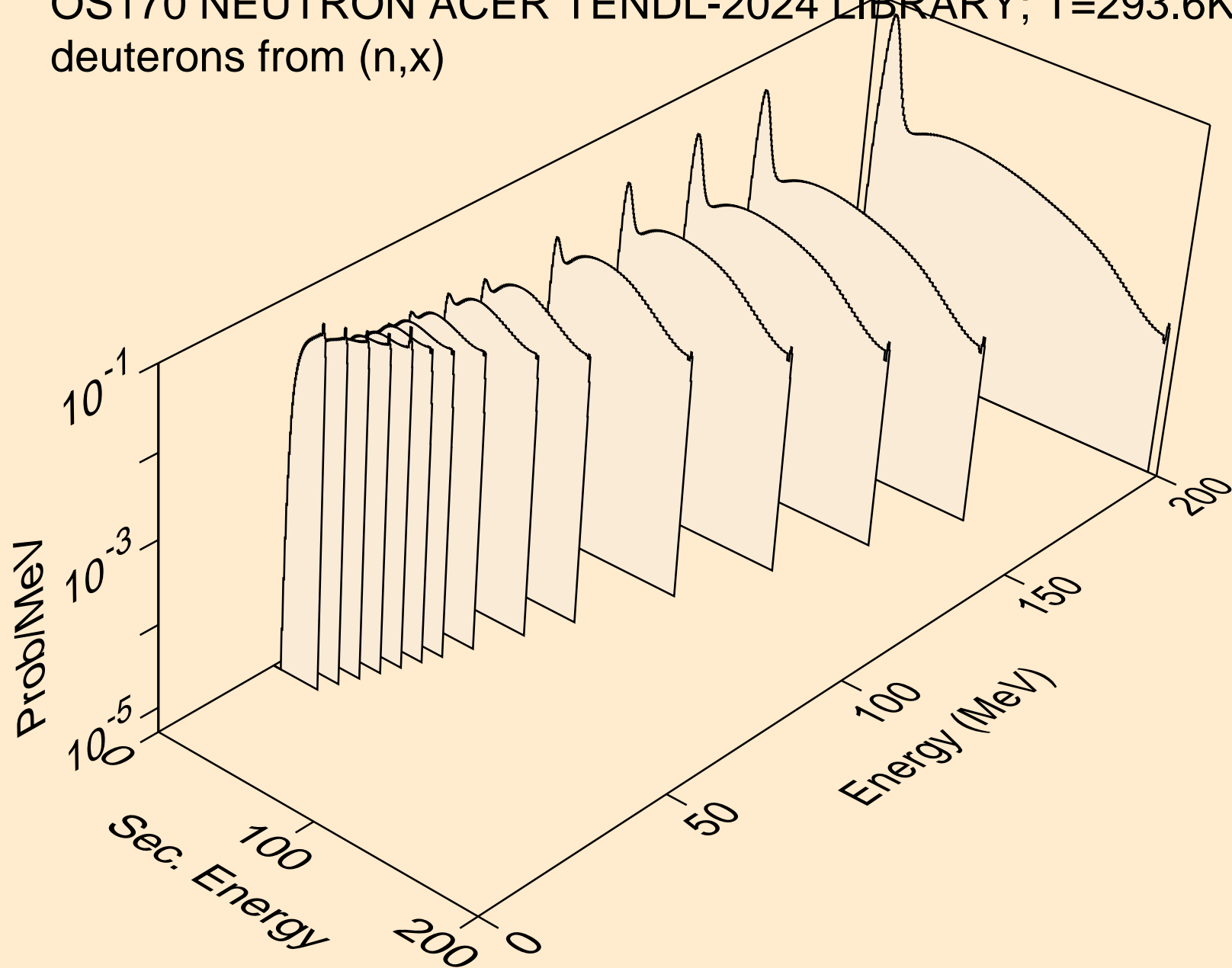
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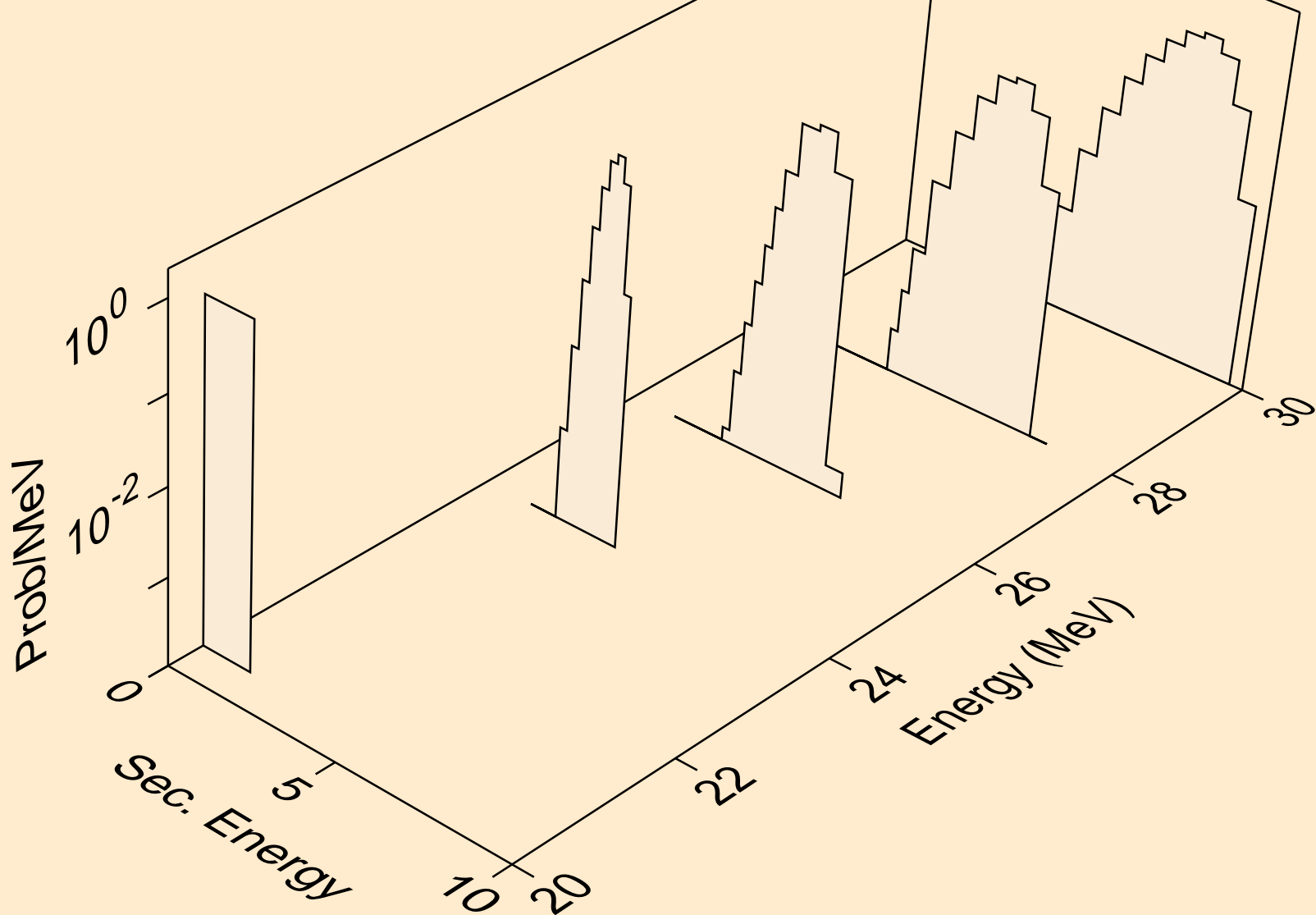
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protons from (n,pt)



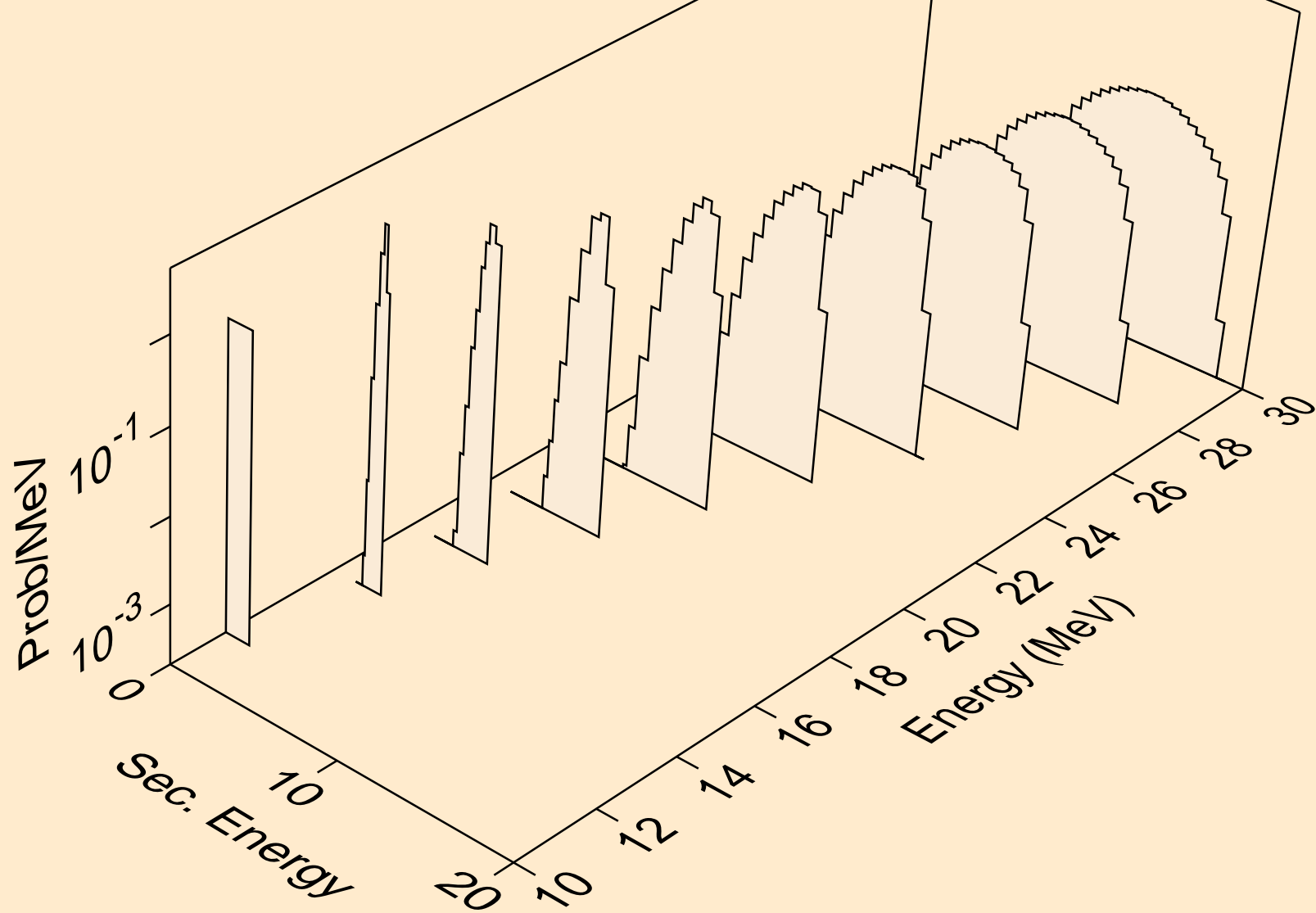
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deuterons from (n,x)



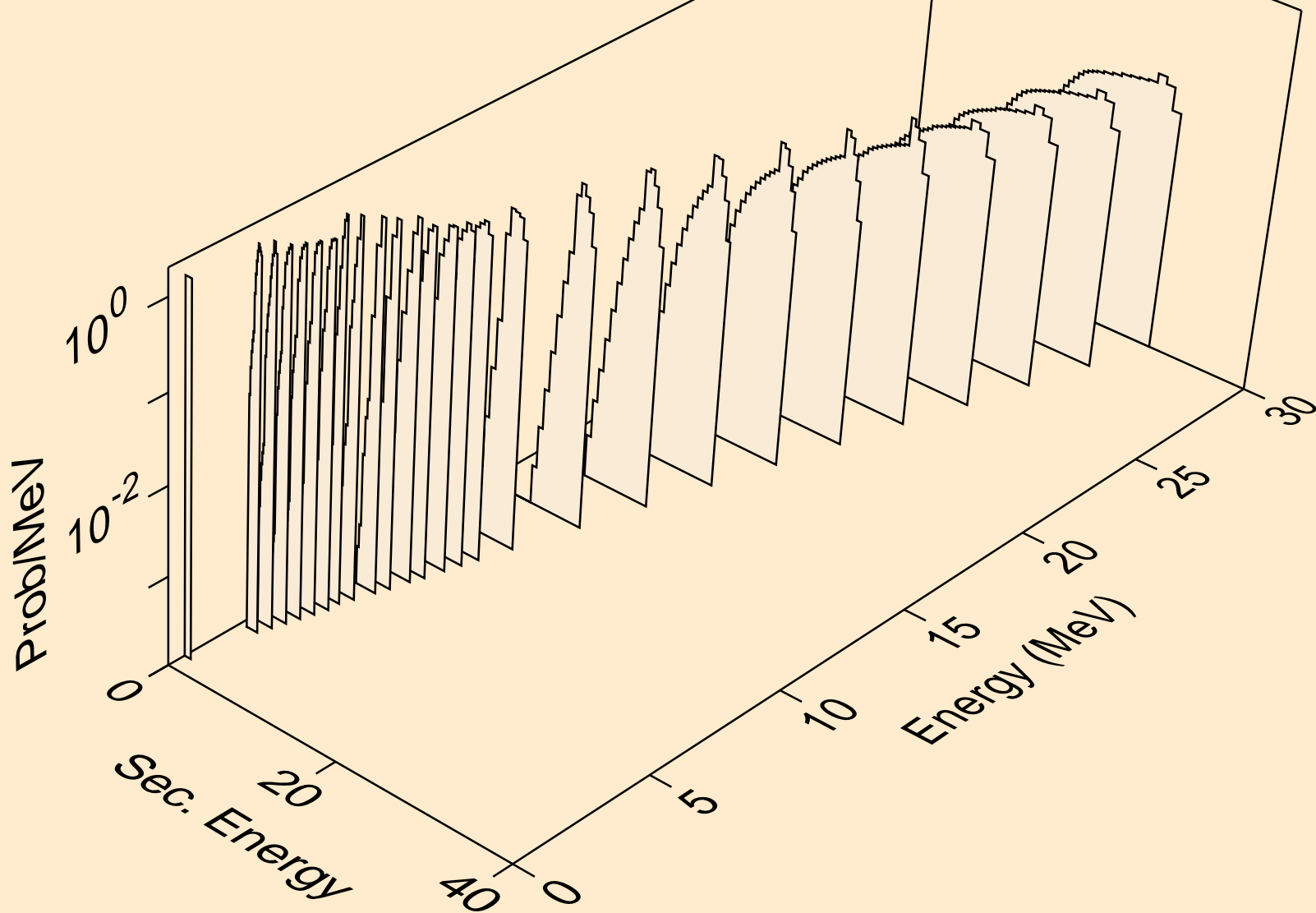
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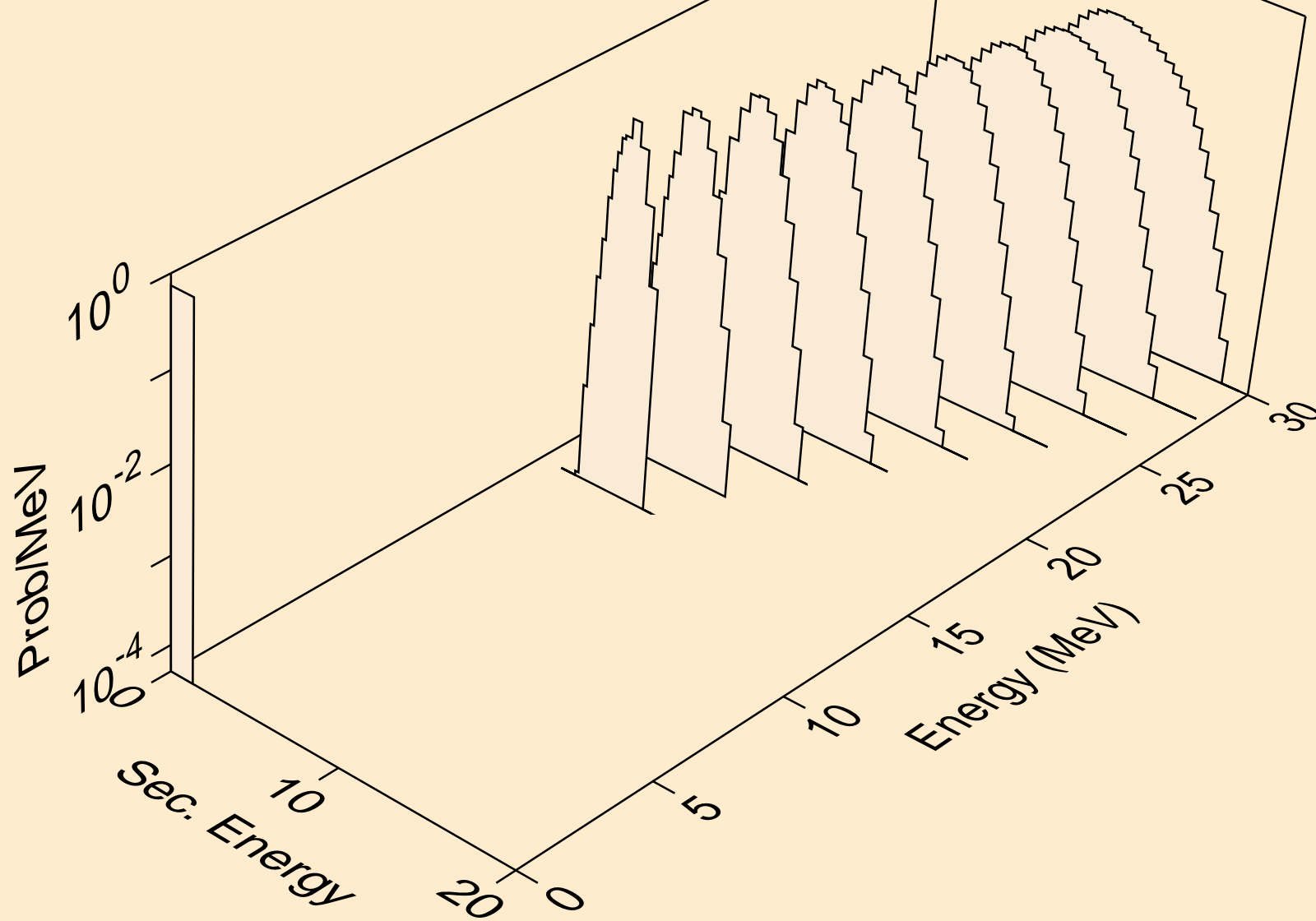
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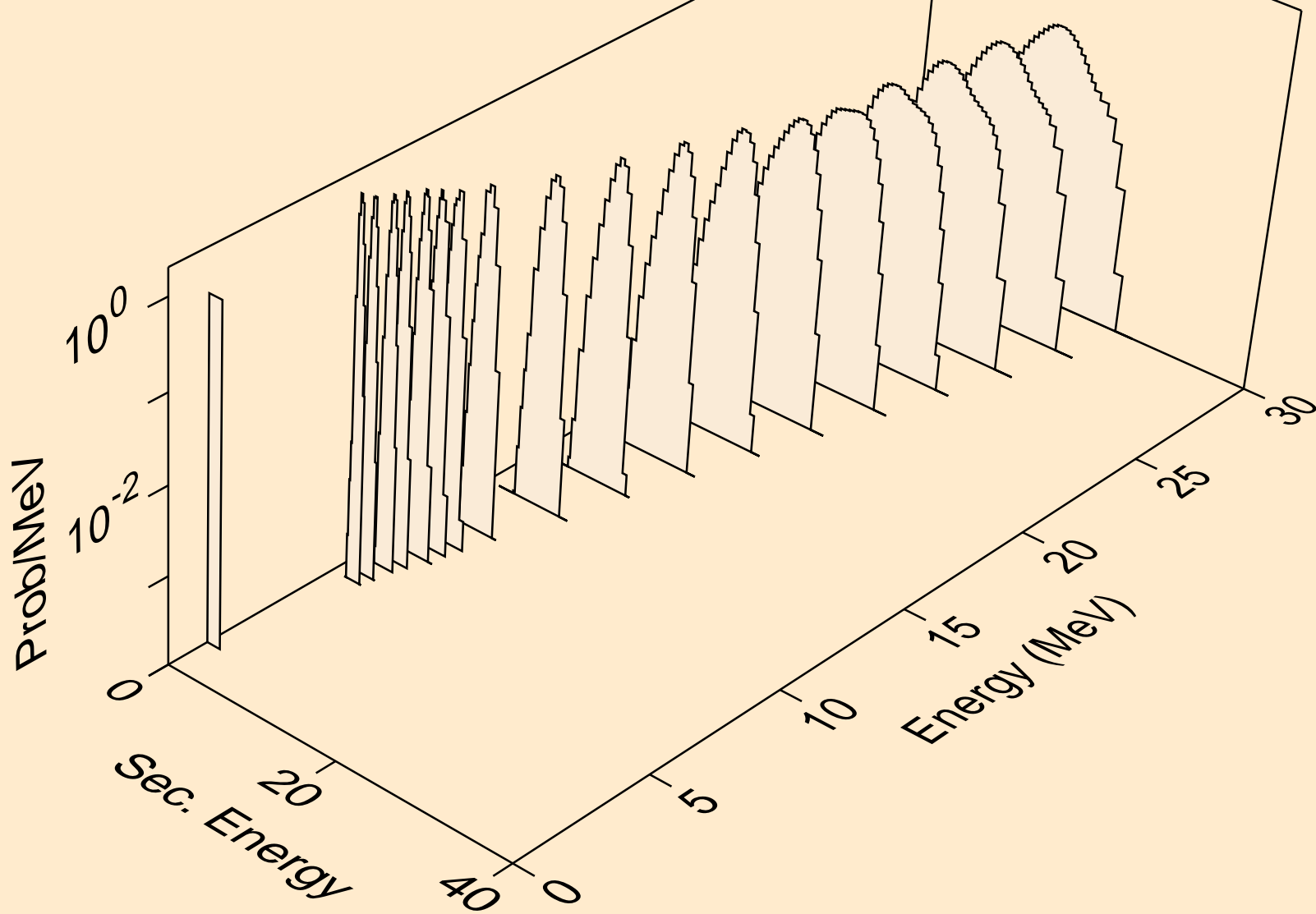
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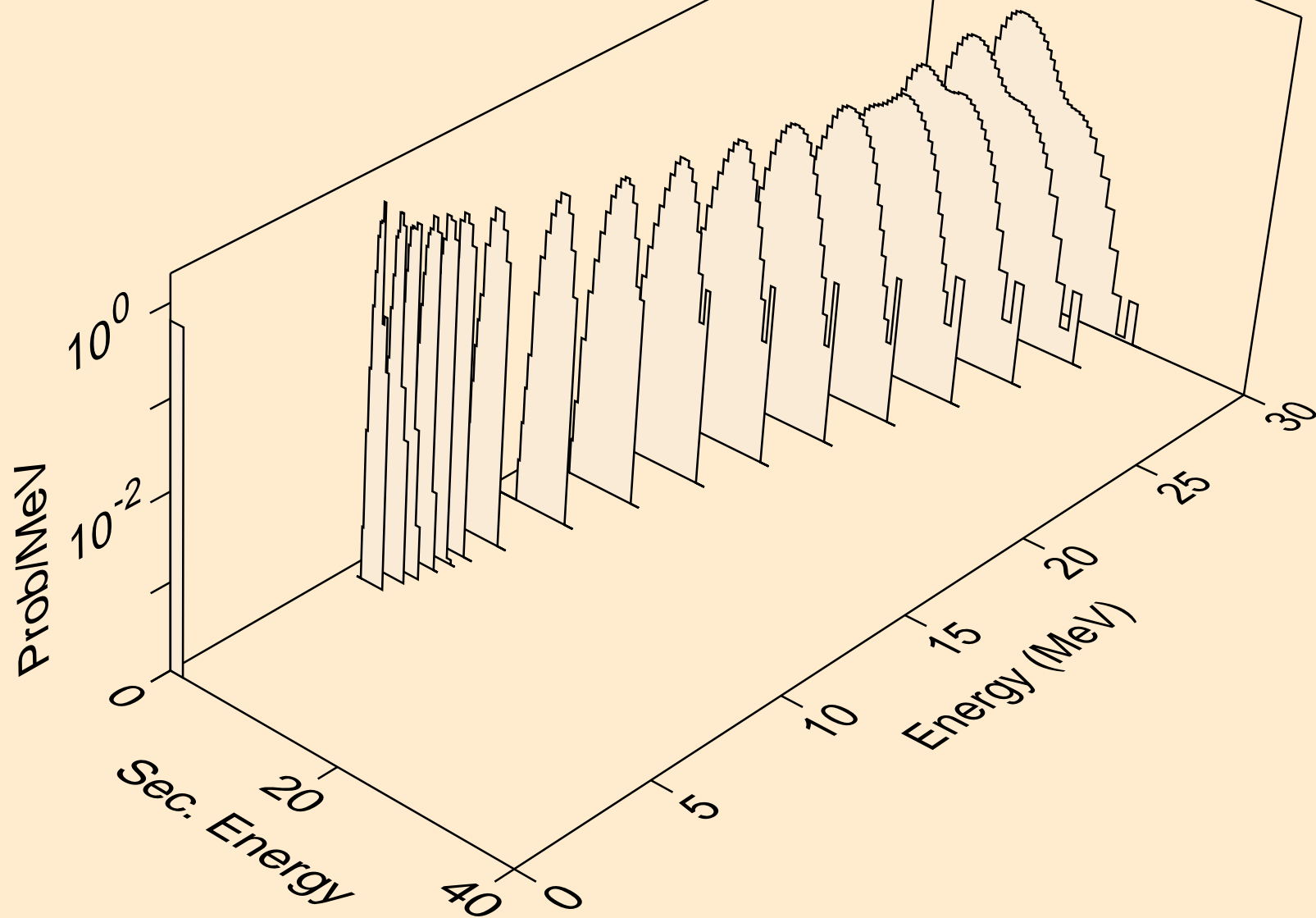
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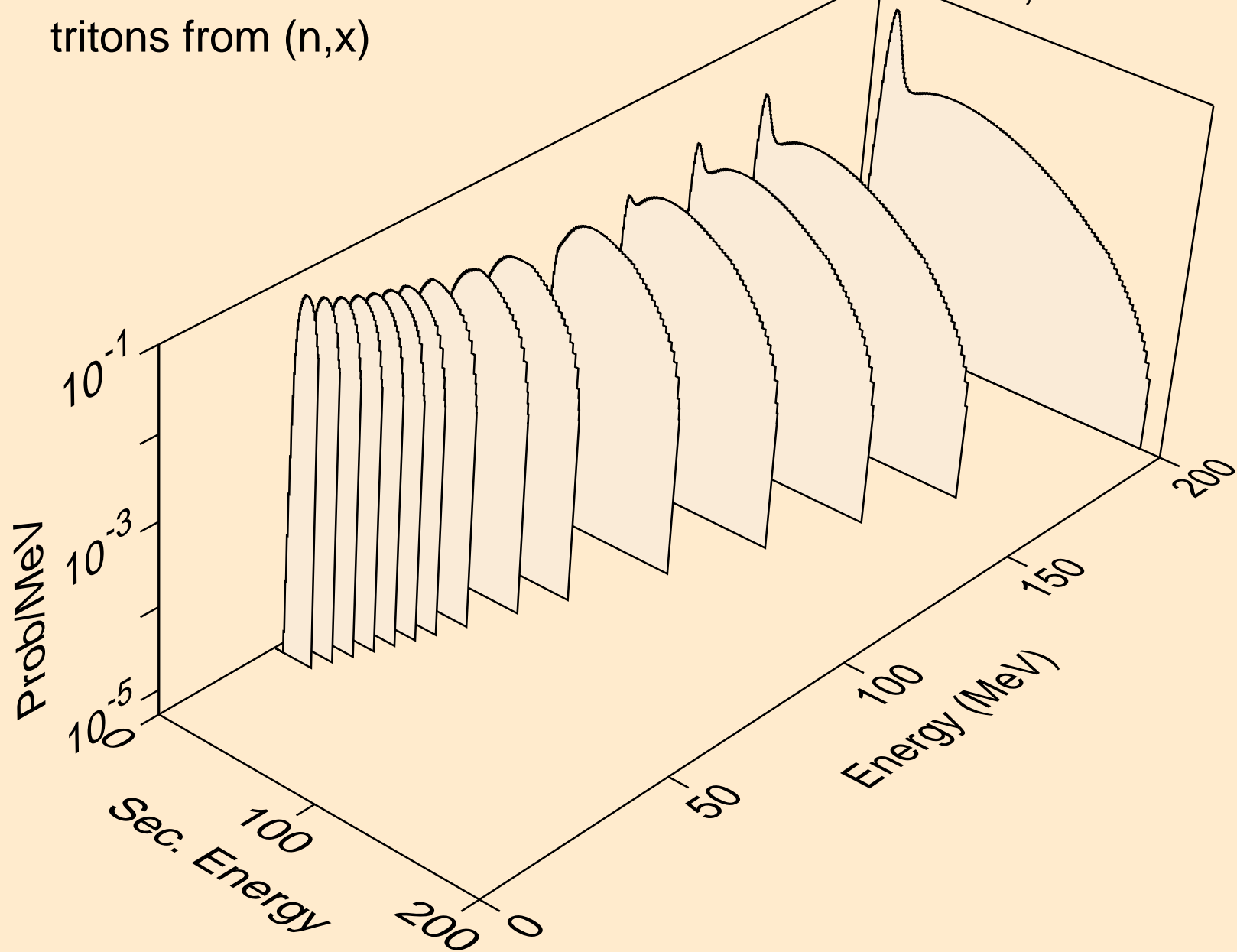
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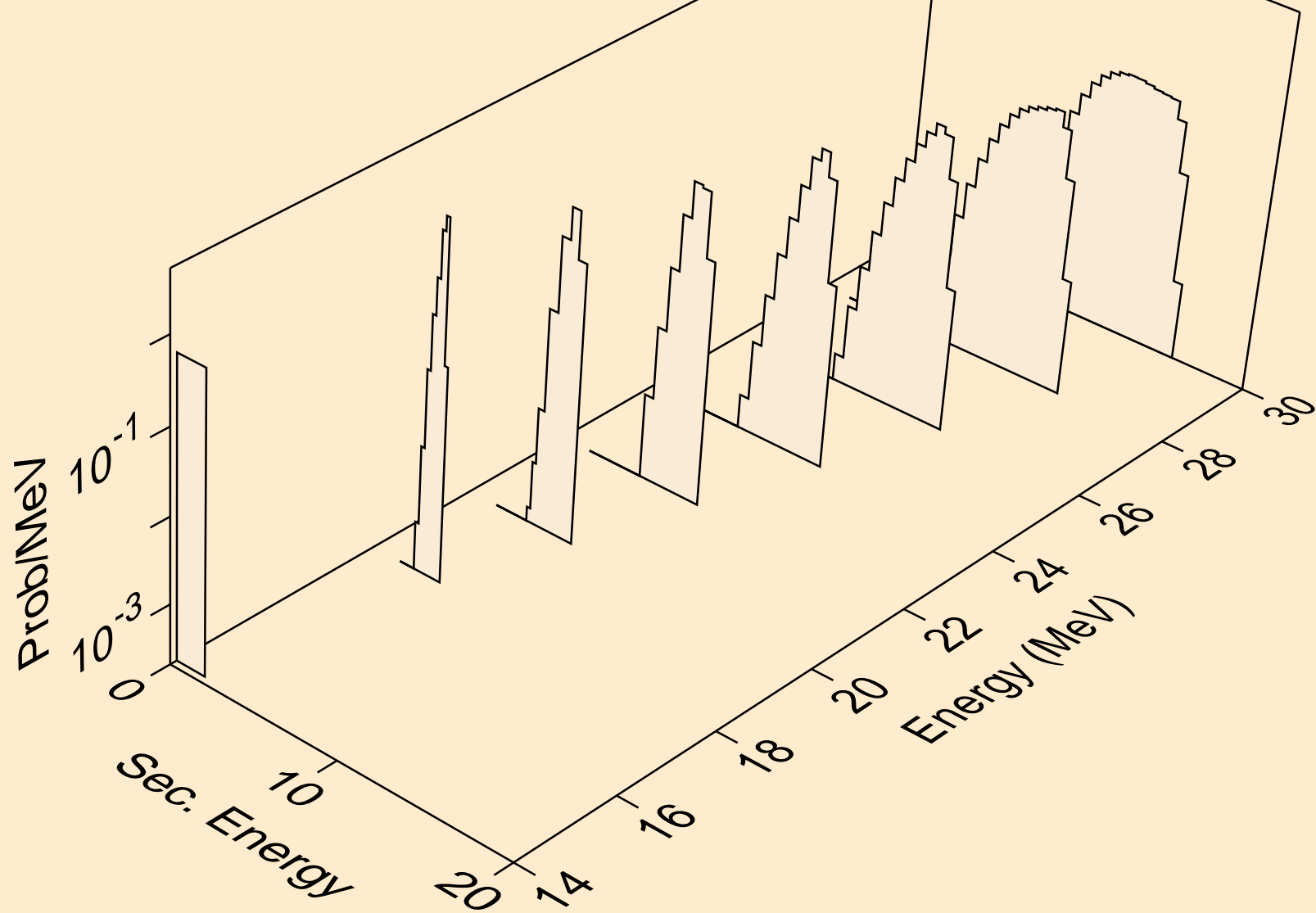
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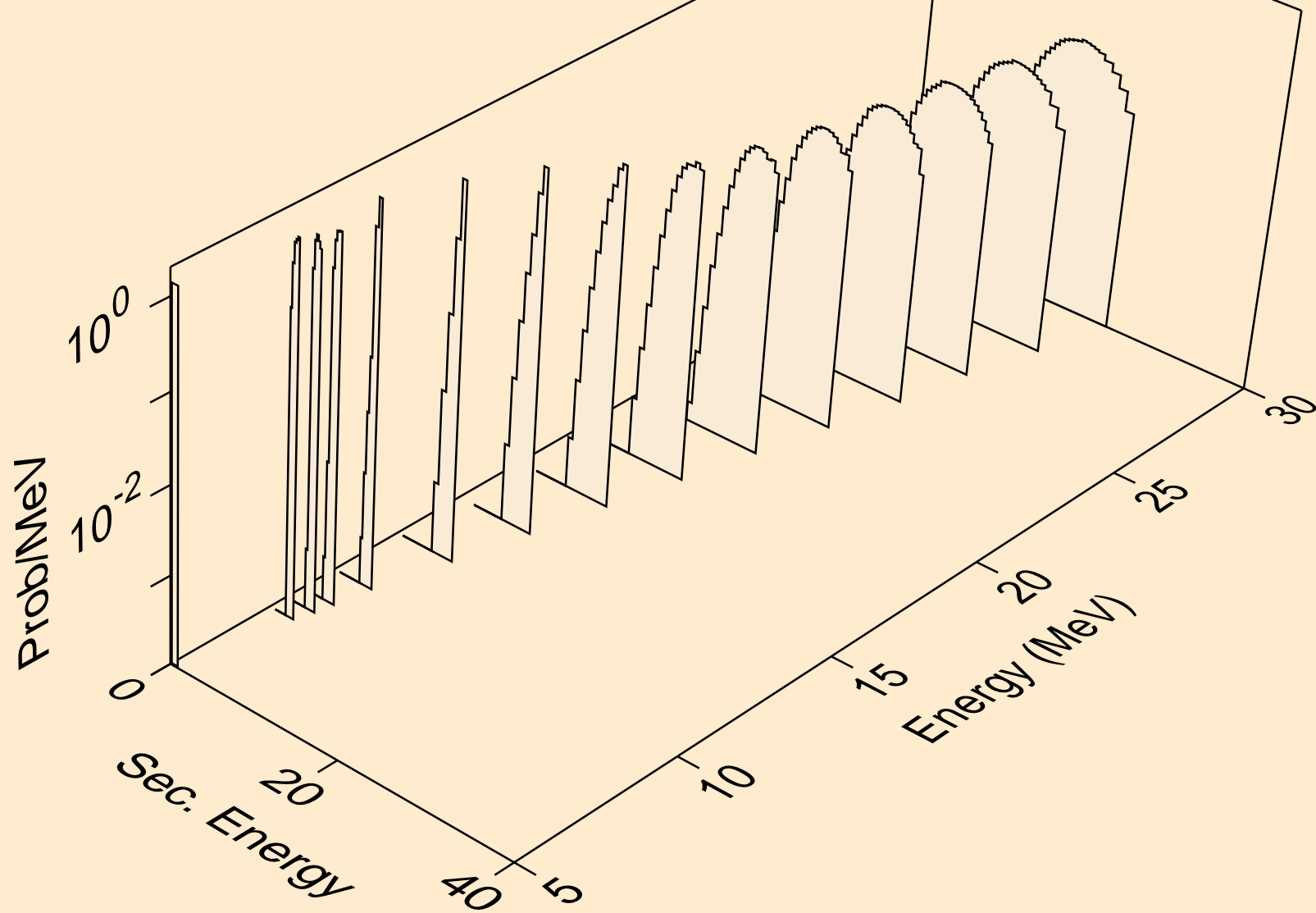
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tritons from (n,x)



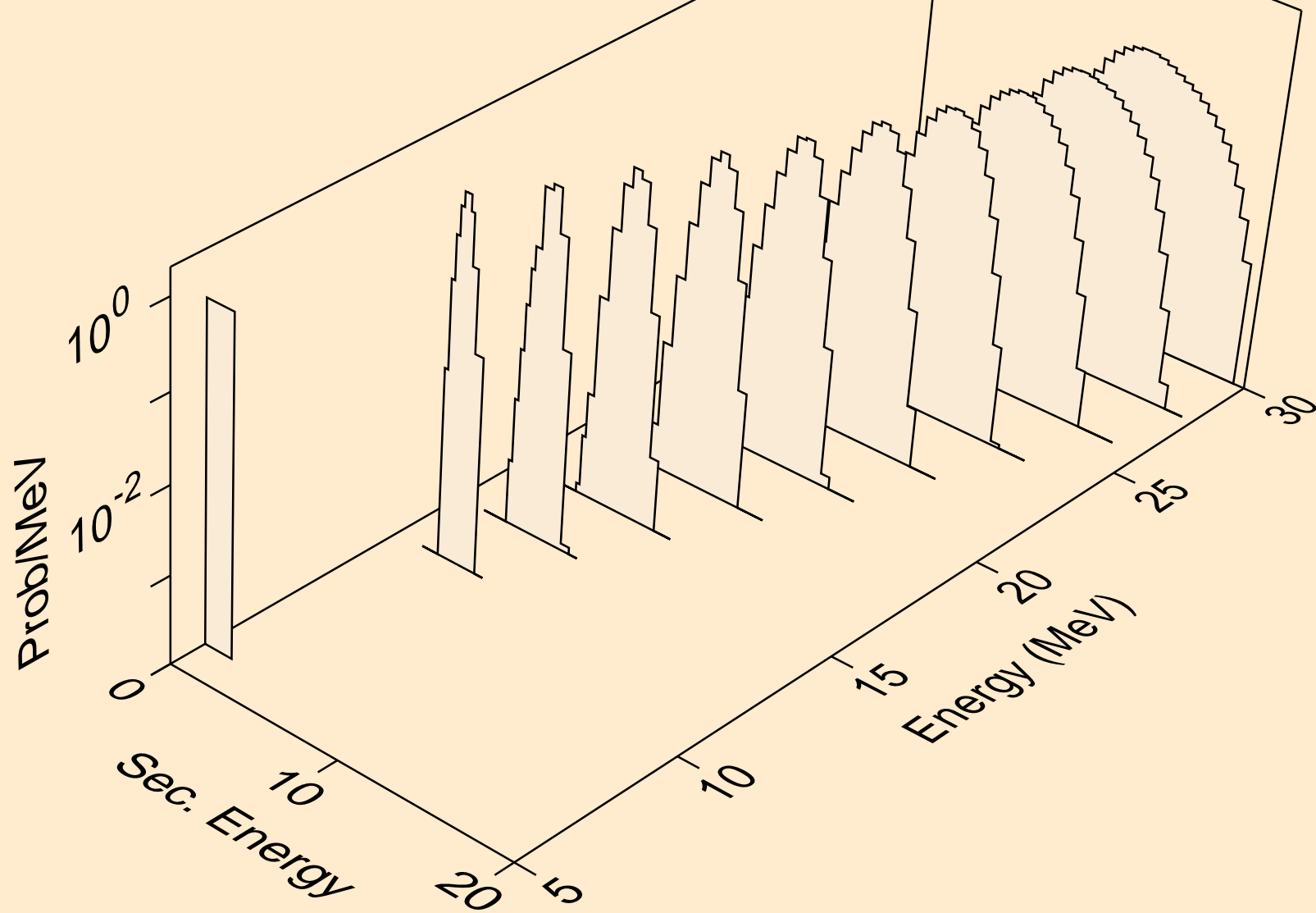
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tritons from (n,n\*)t



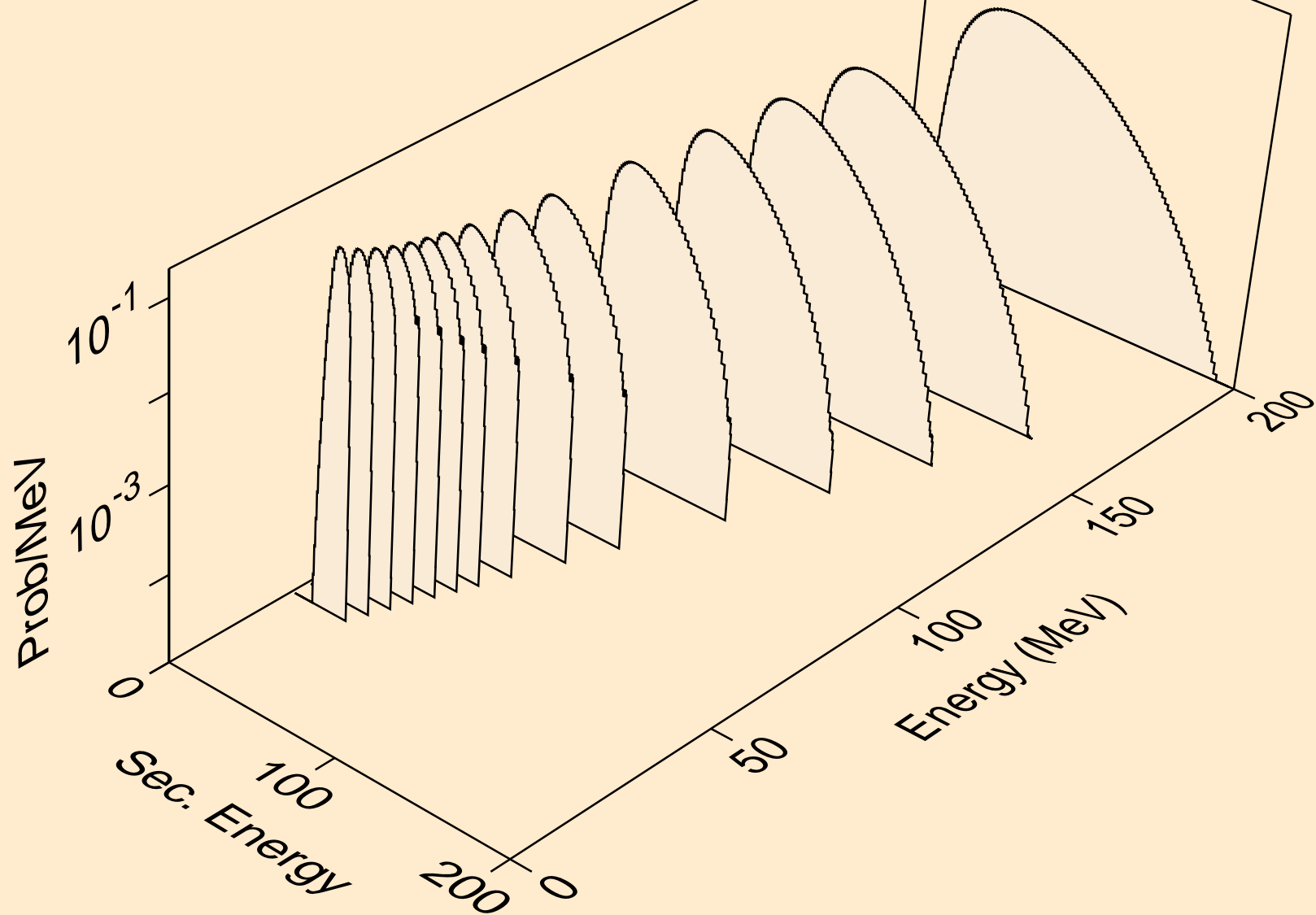
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tritons from (n,t)



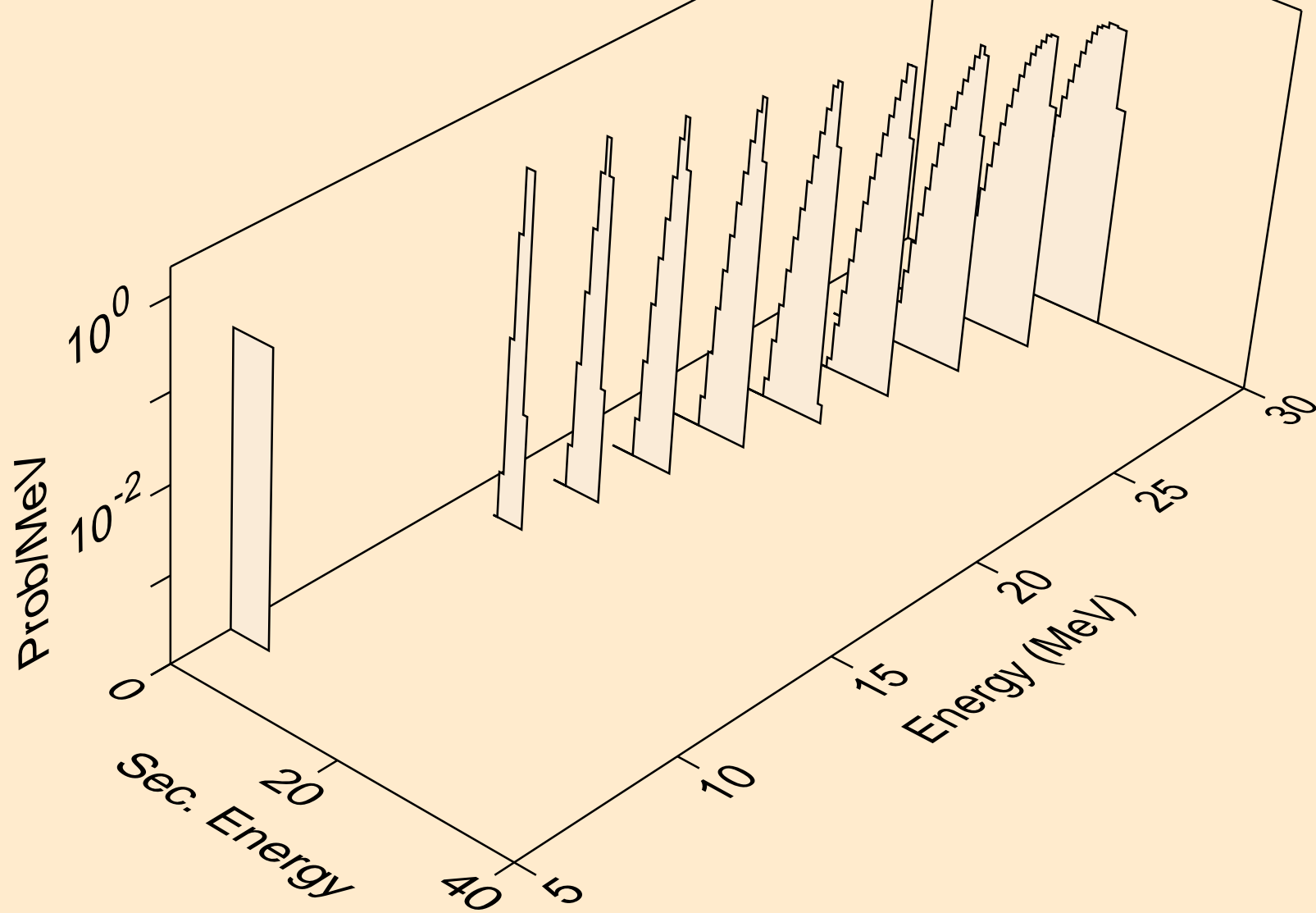
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,pt)



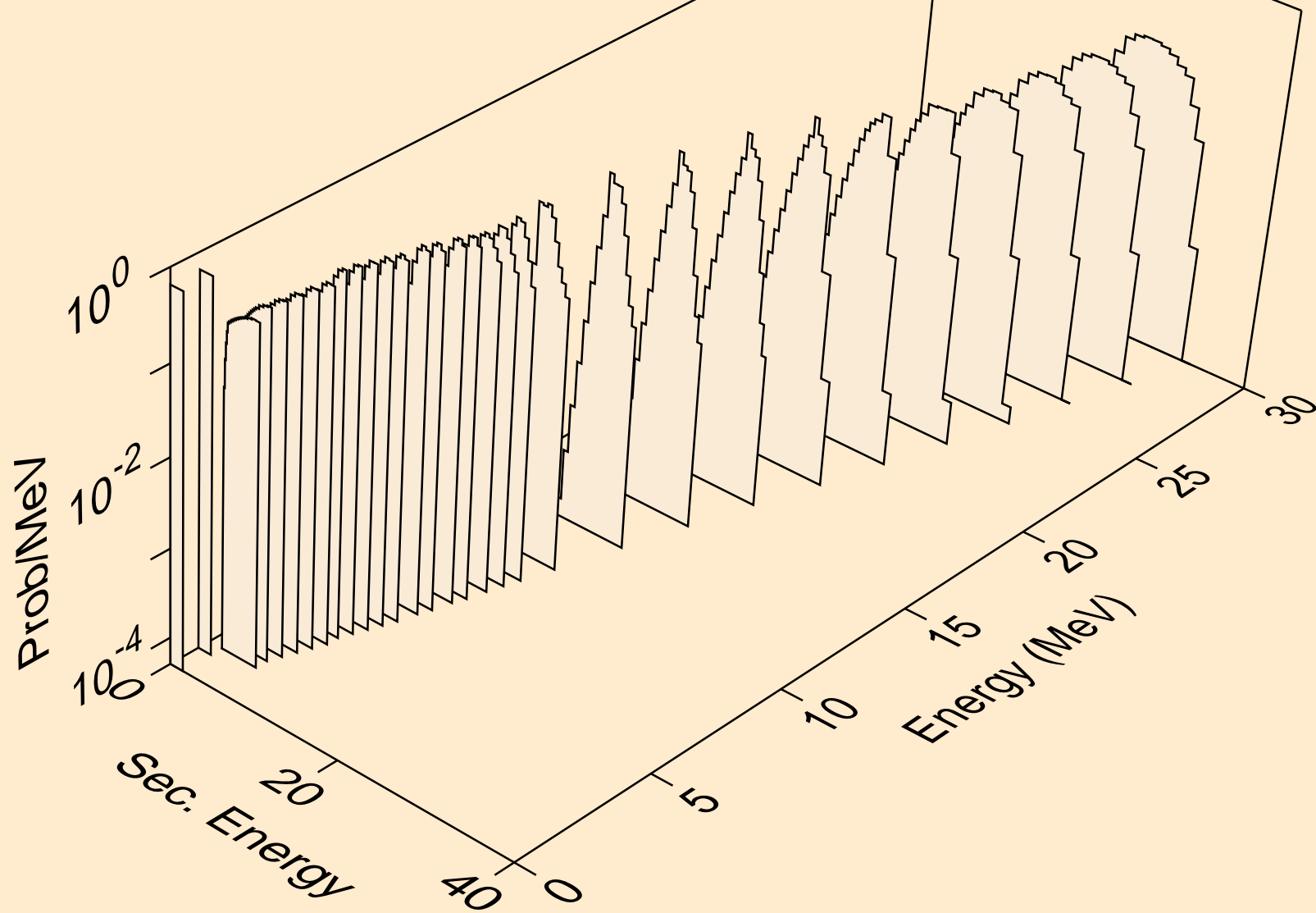
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



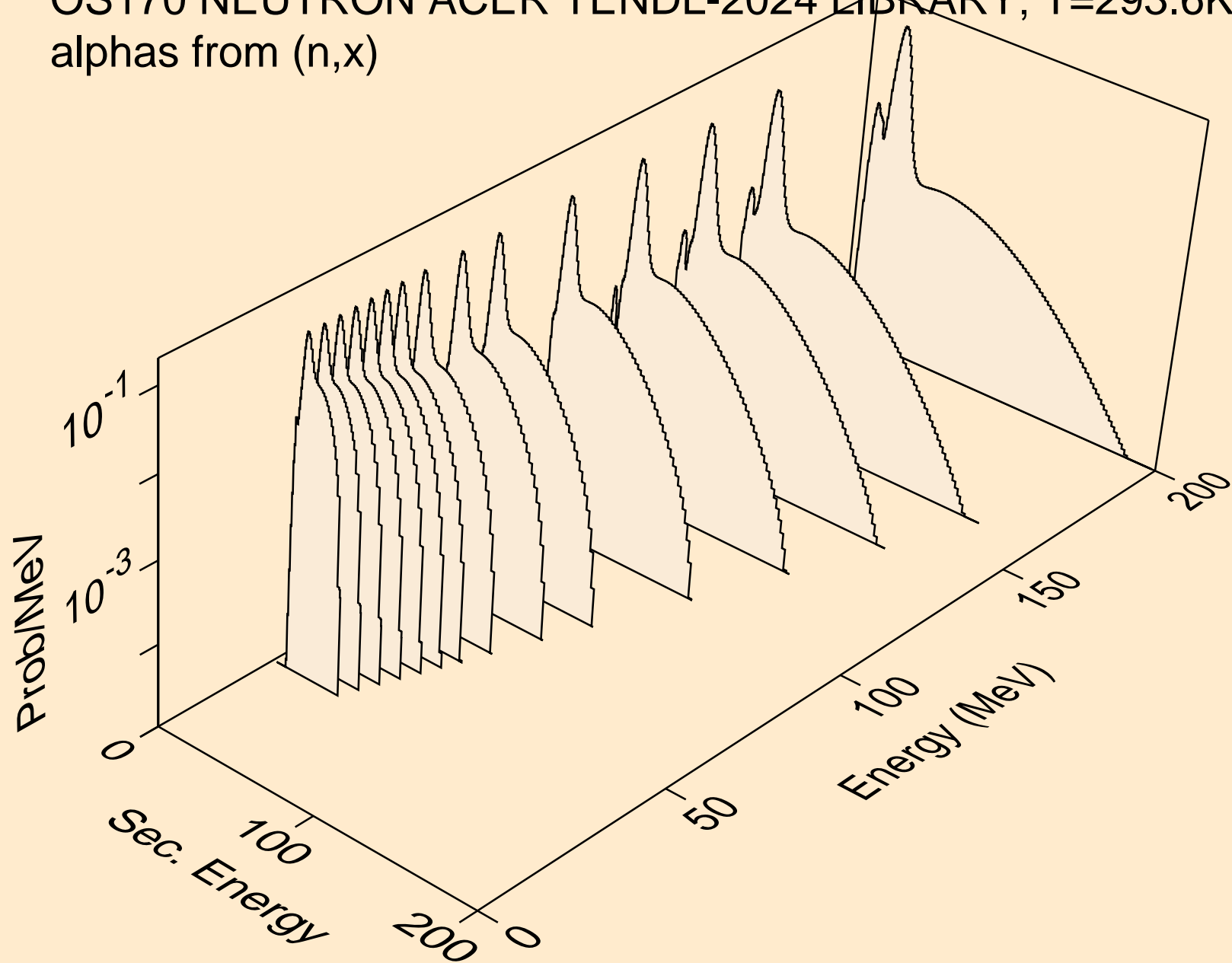
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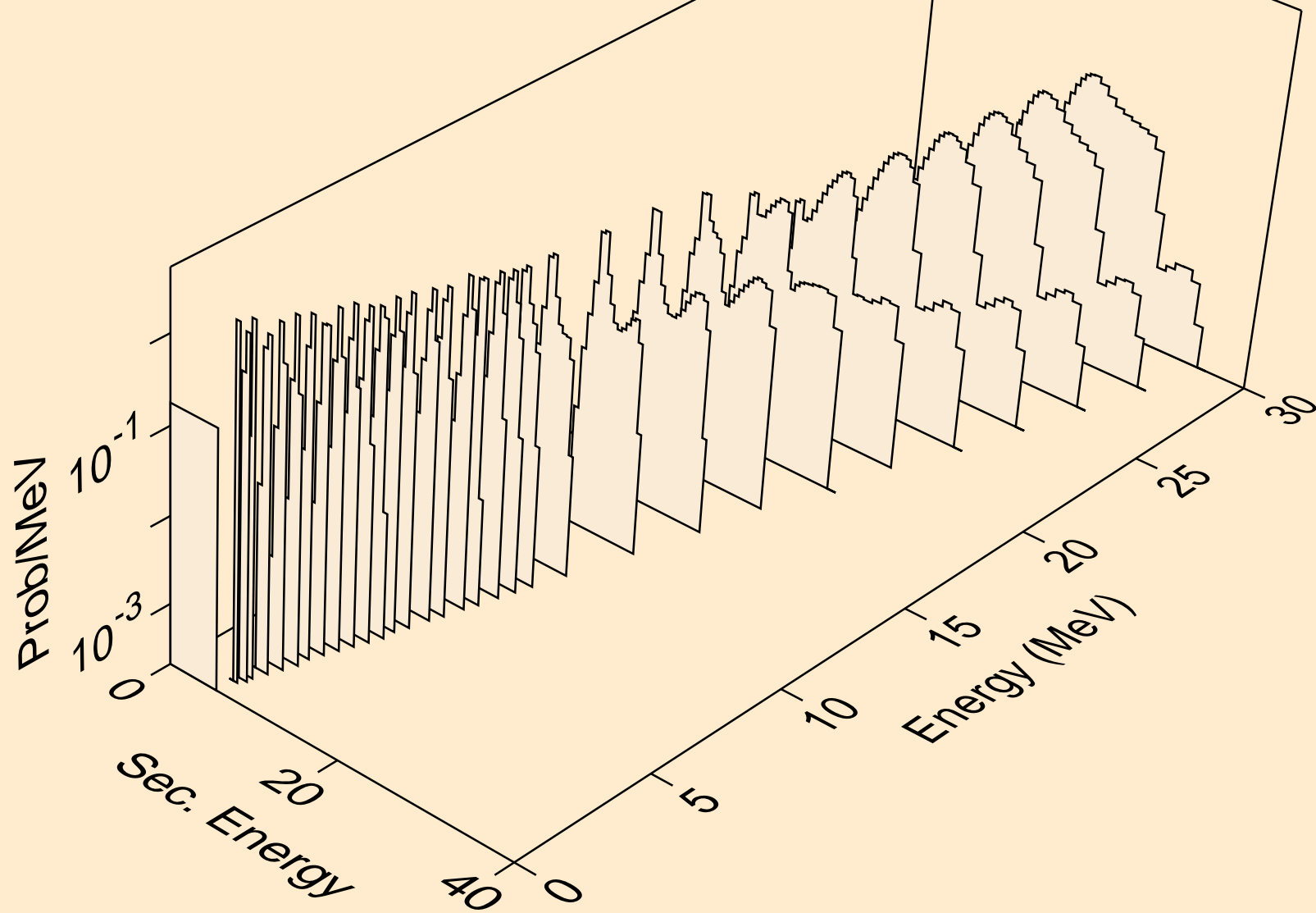
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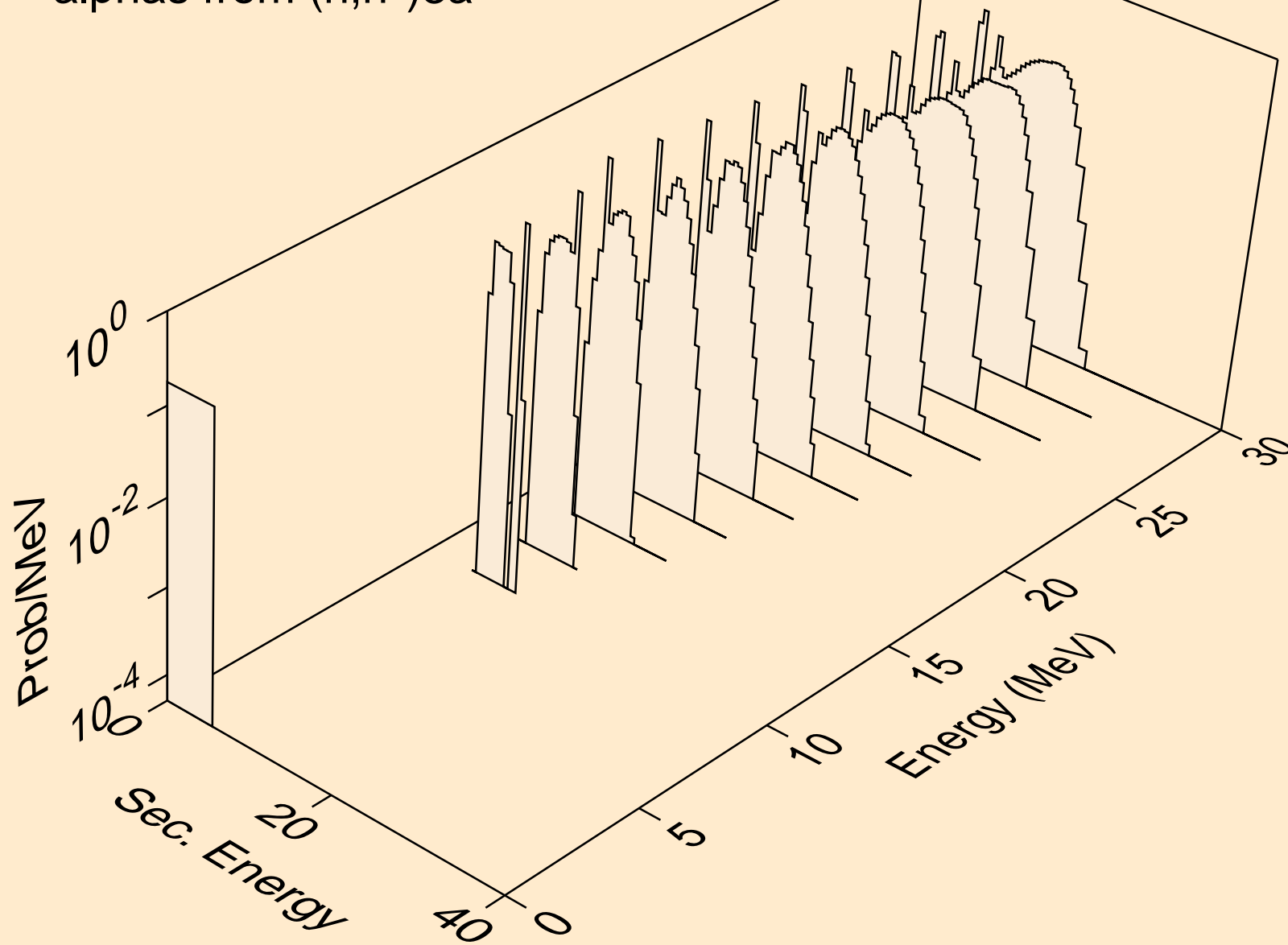
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



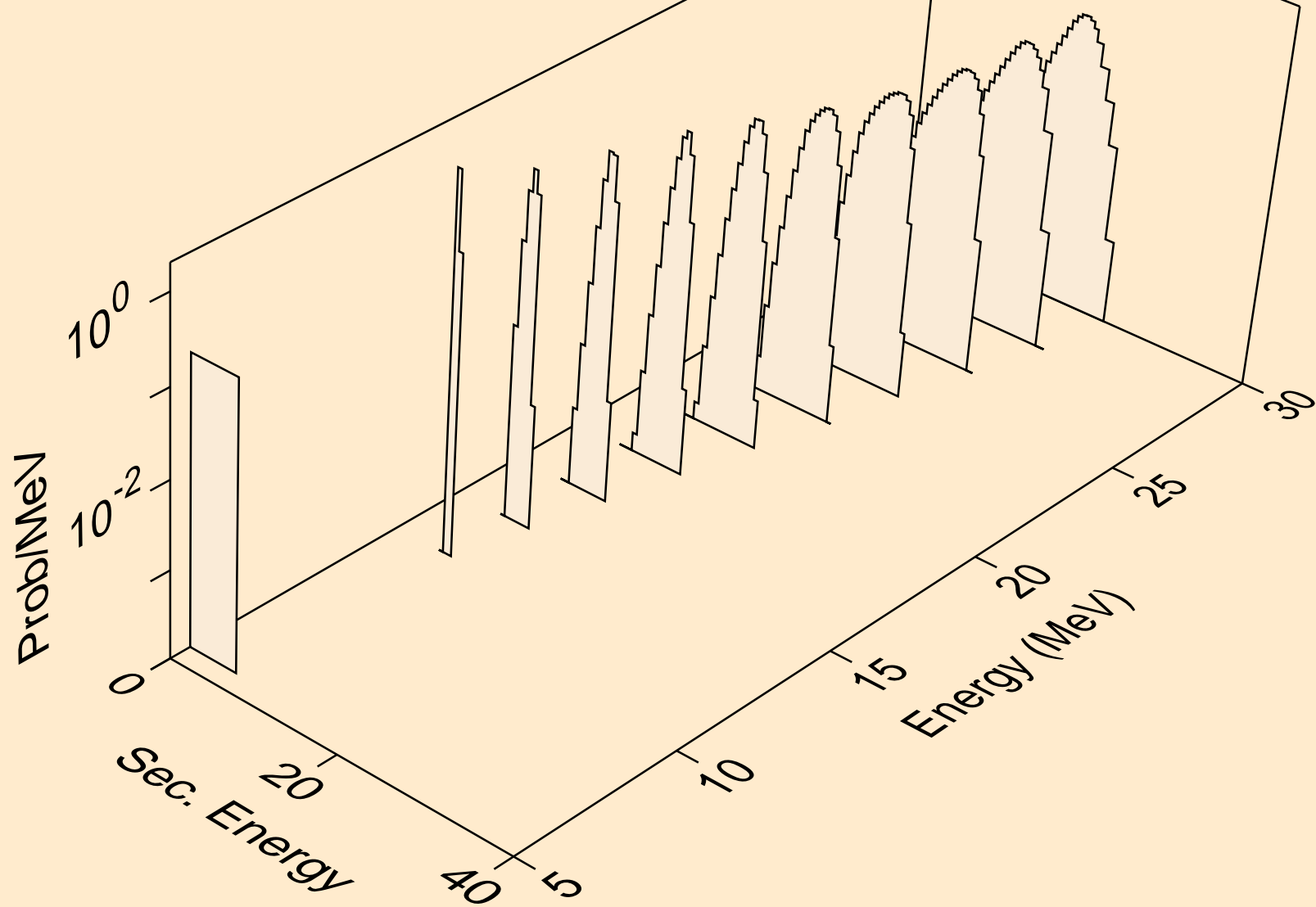
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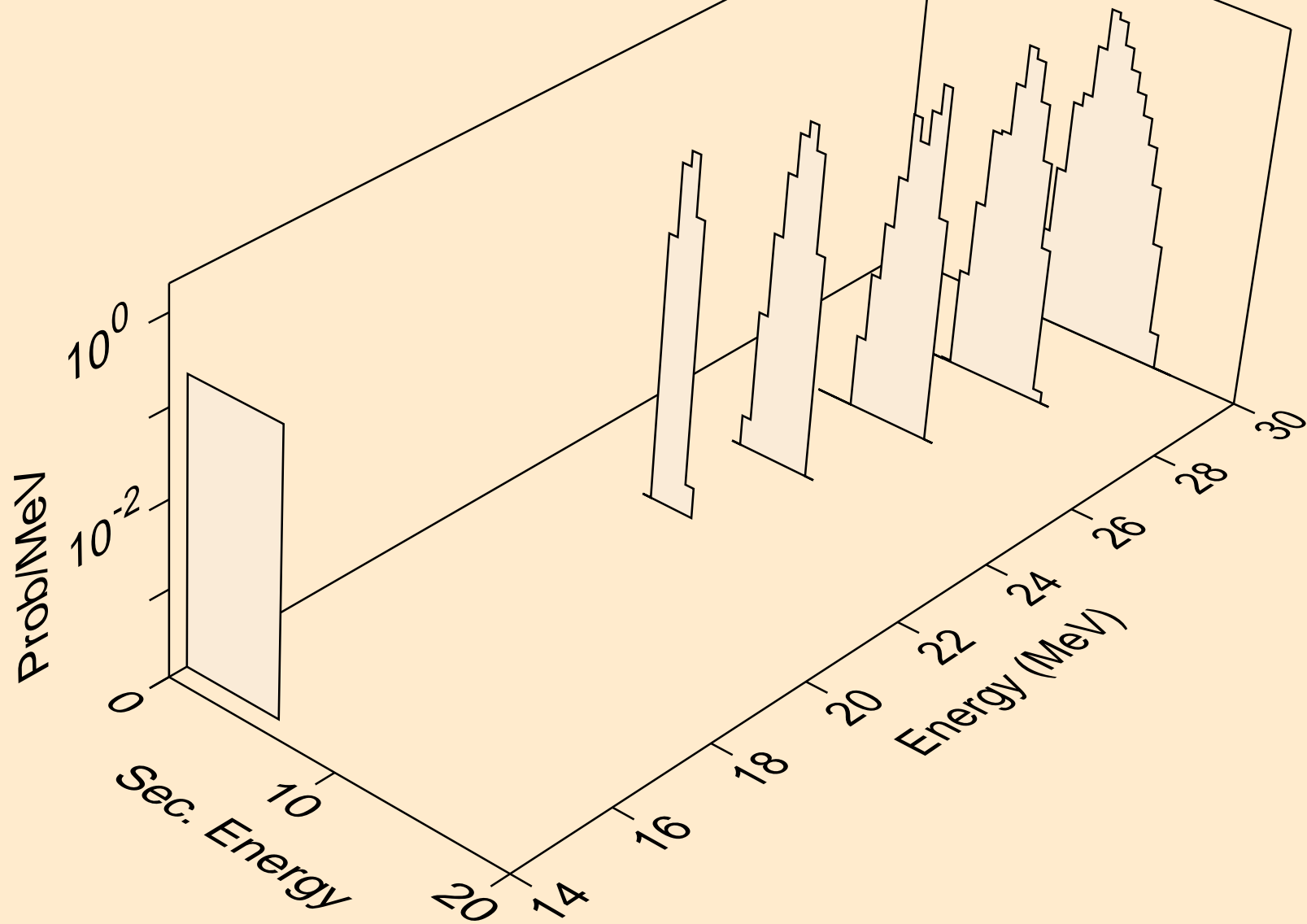
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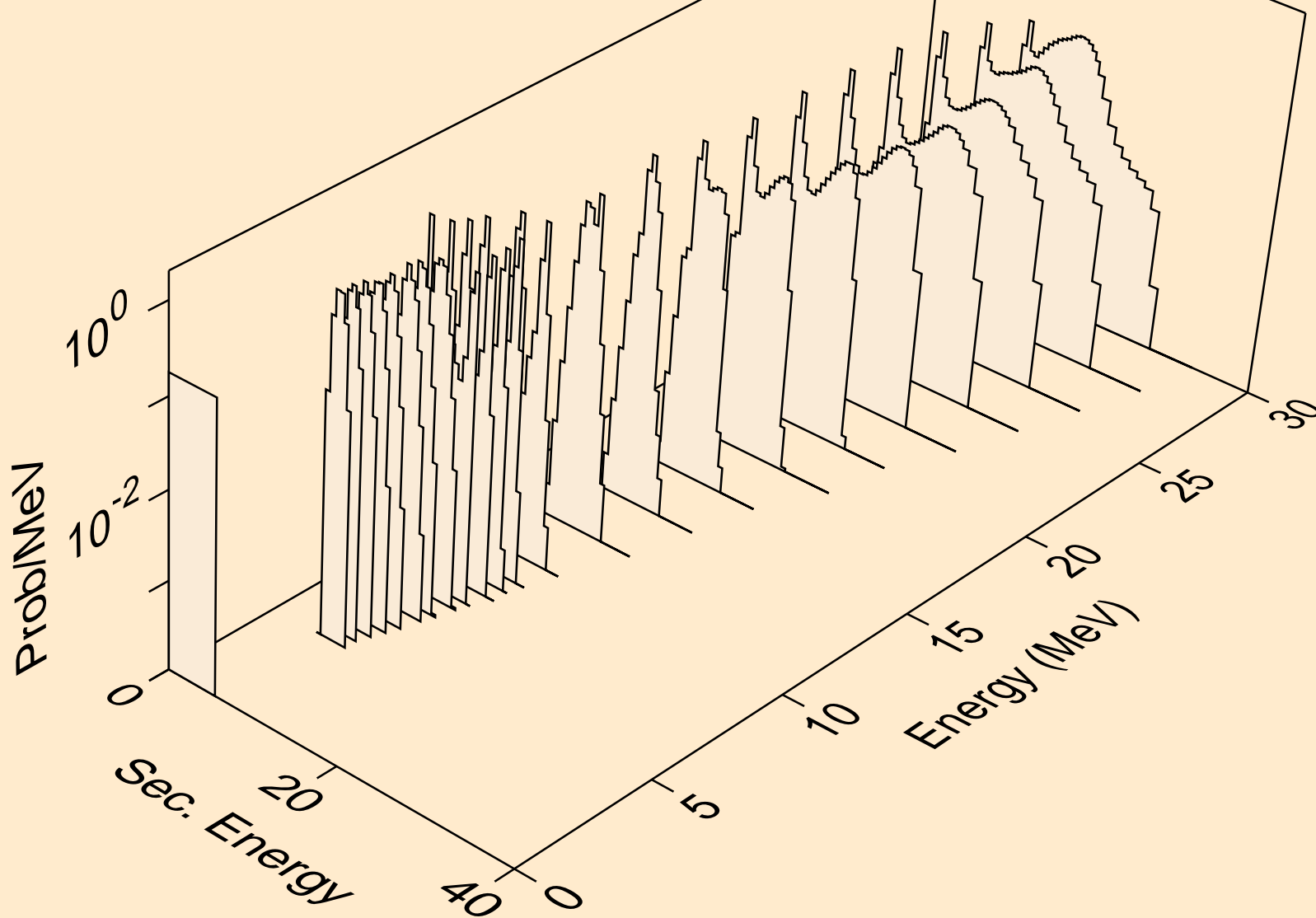
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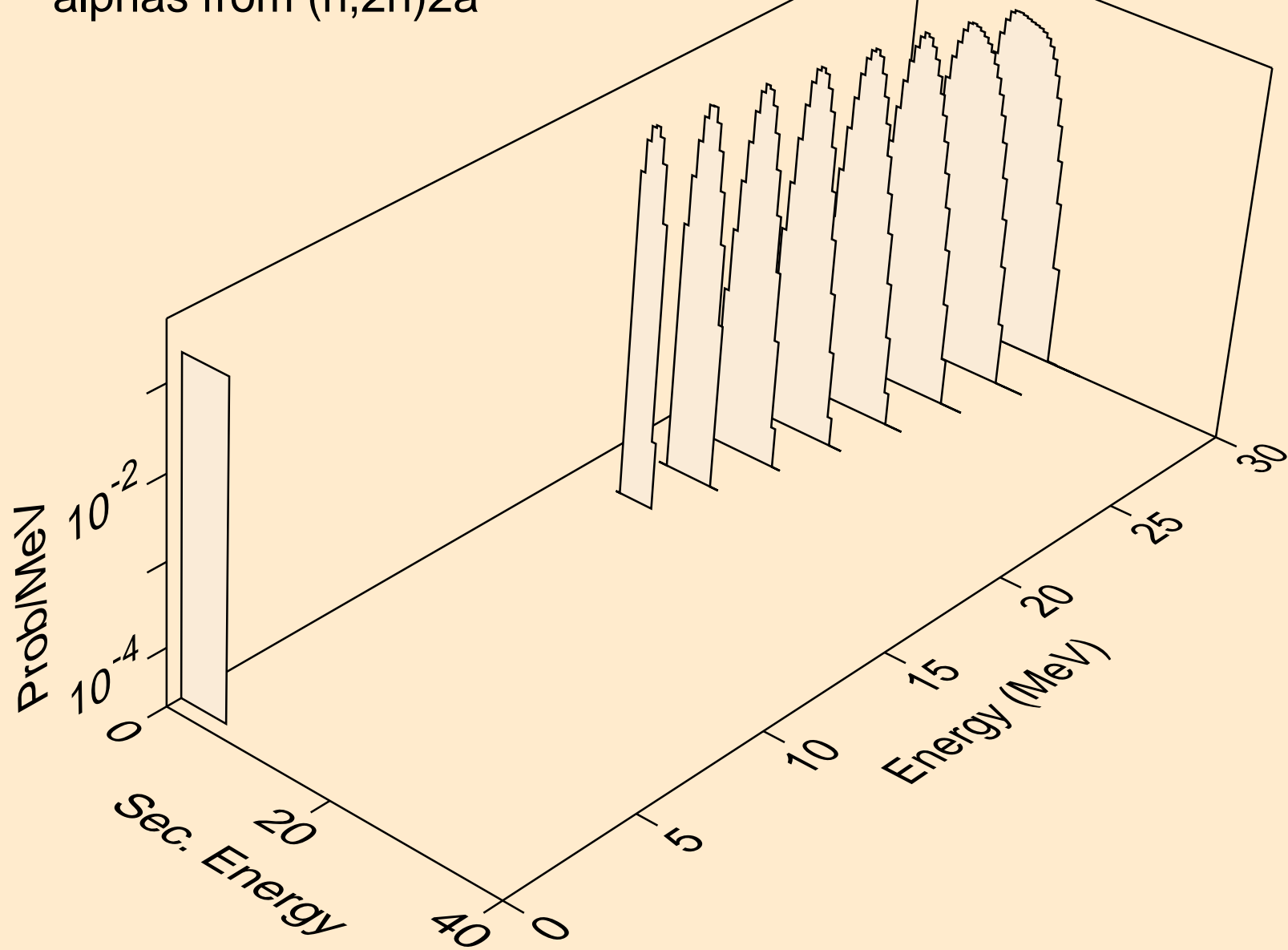
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alphas from (n,3n)a



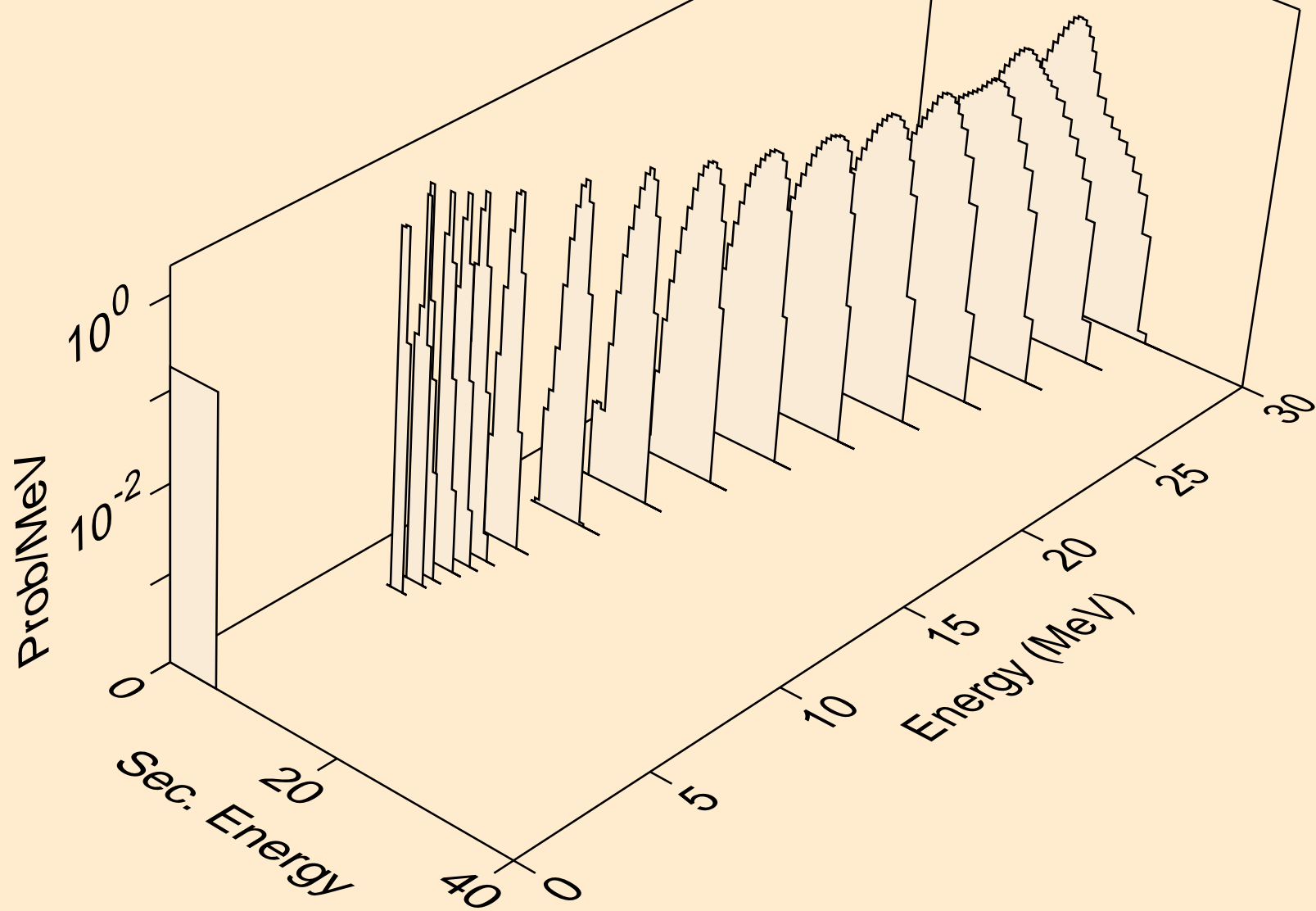
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



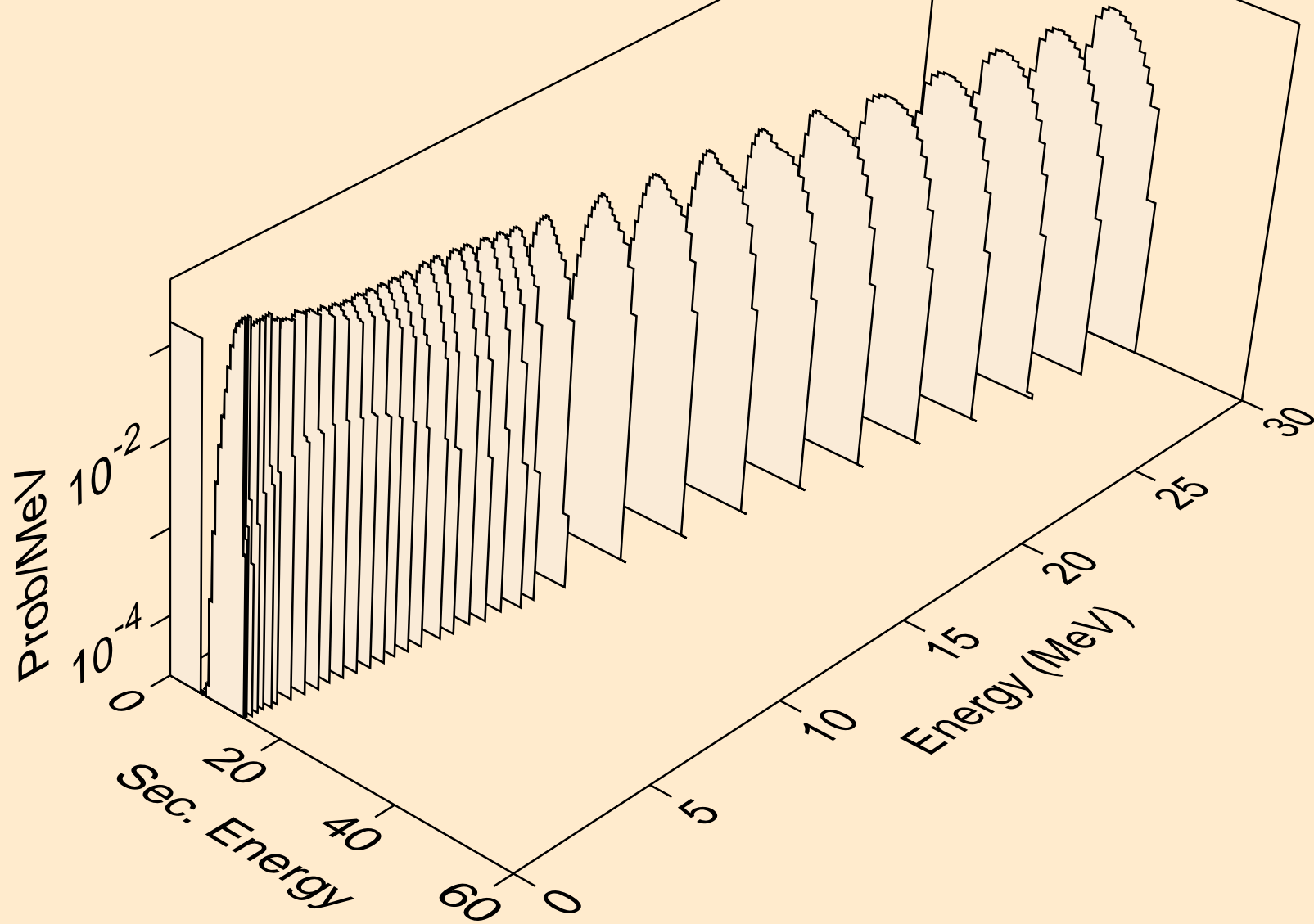
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)2a



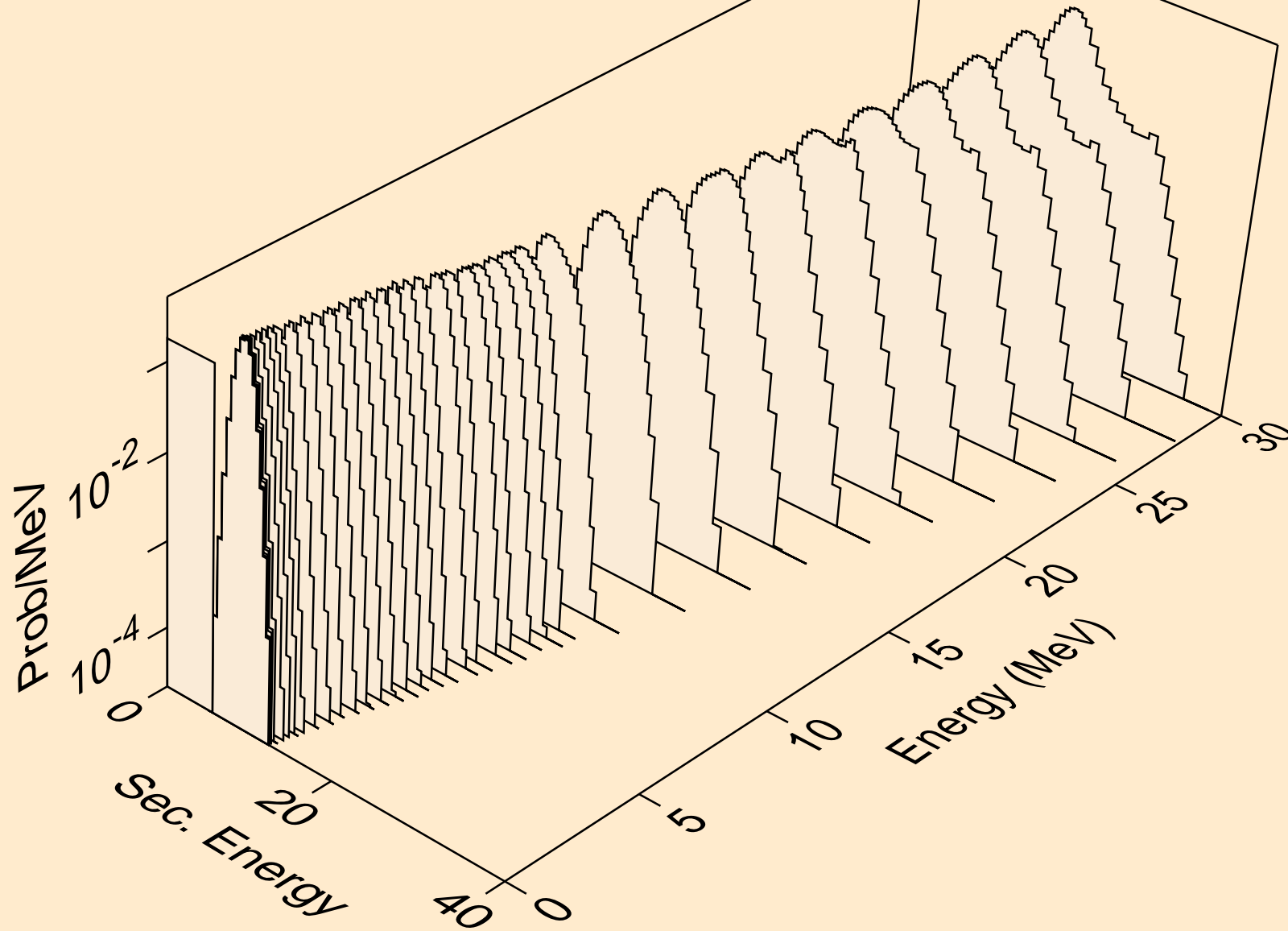
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,npa)



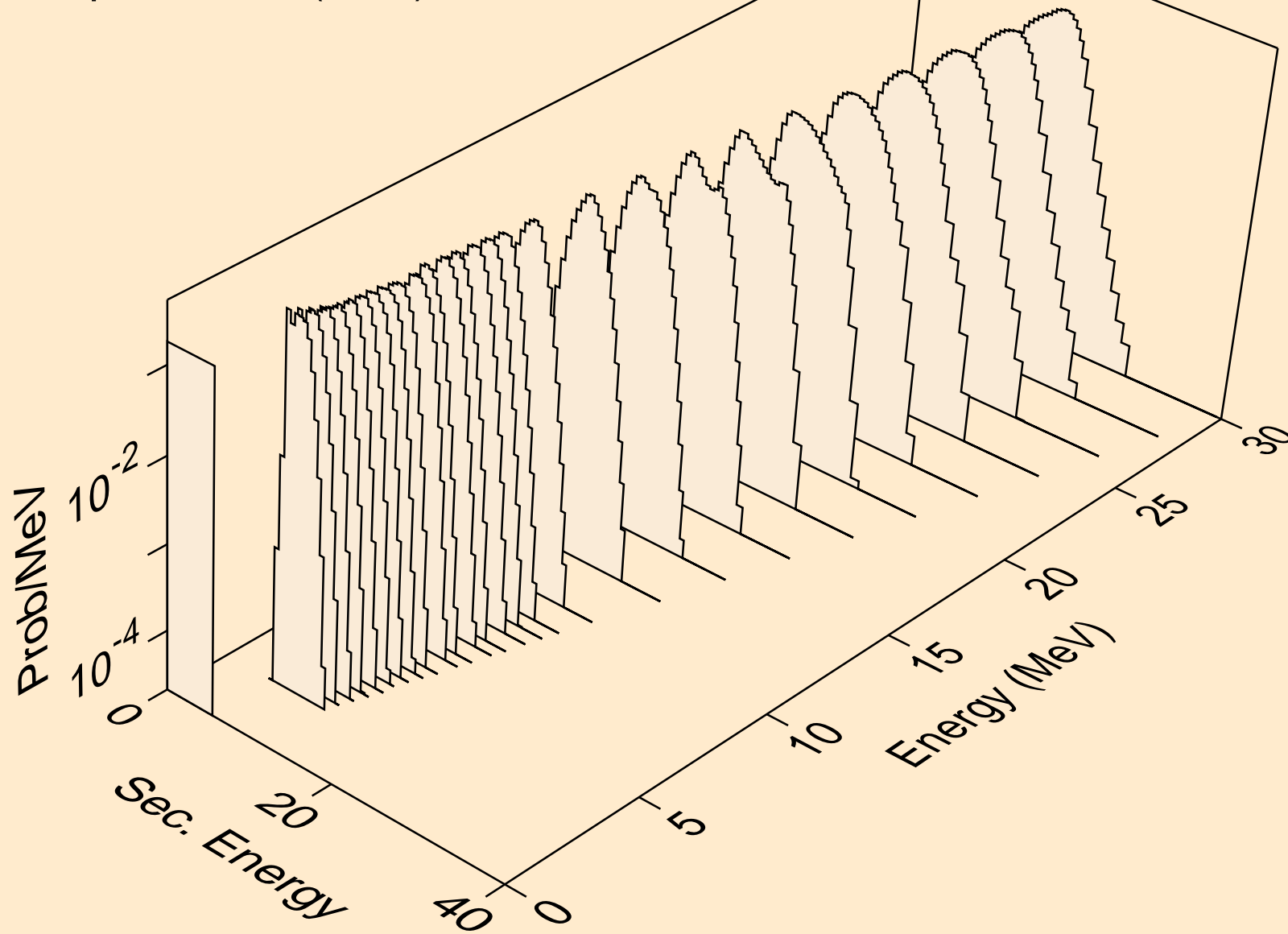
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)



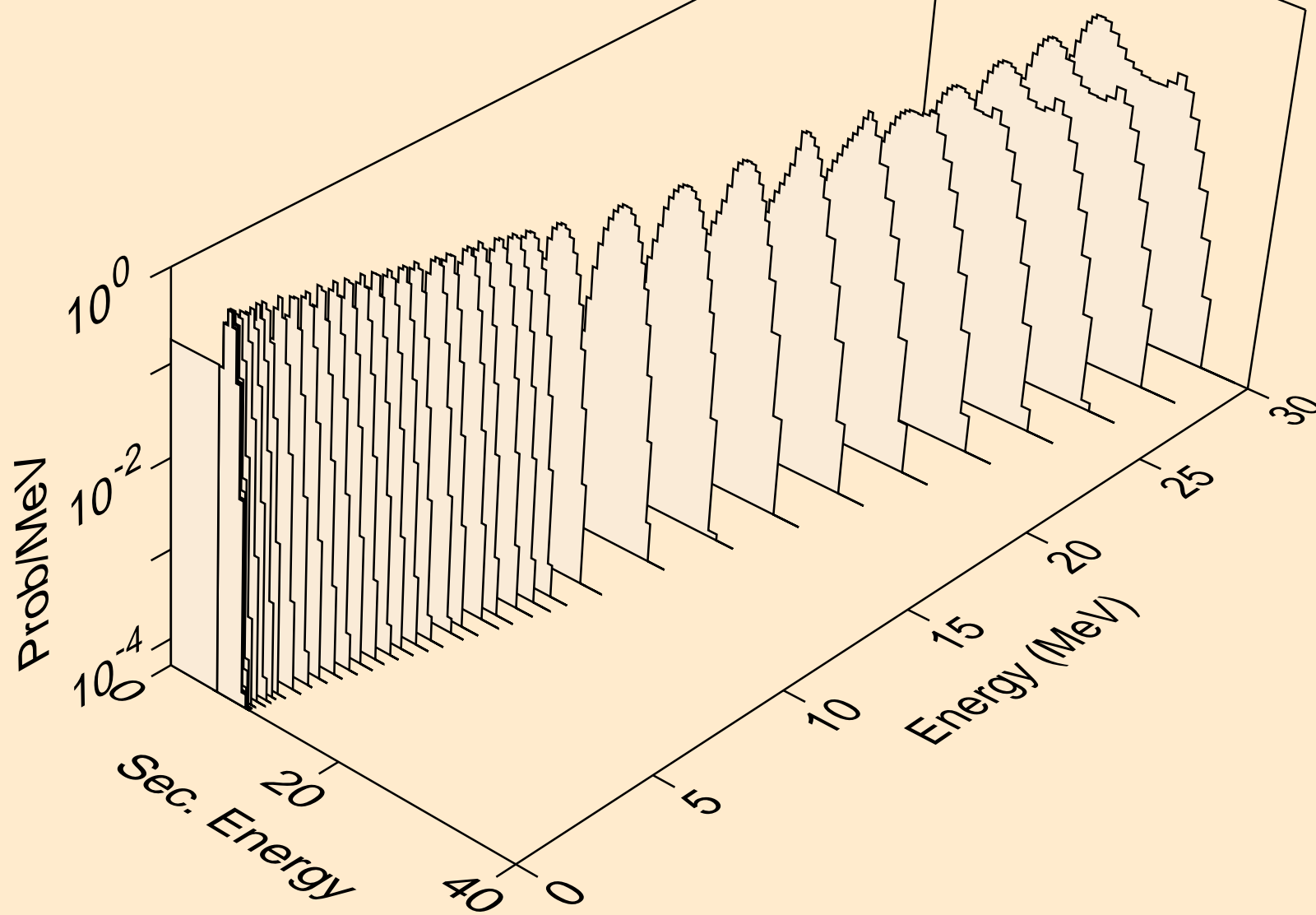
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2a)



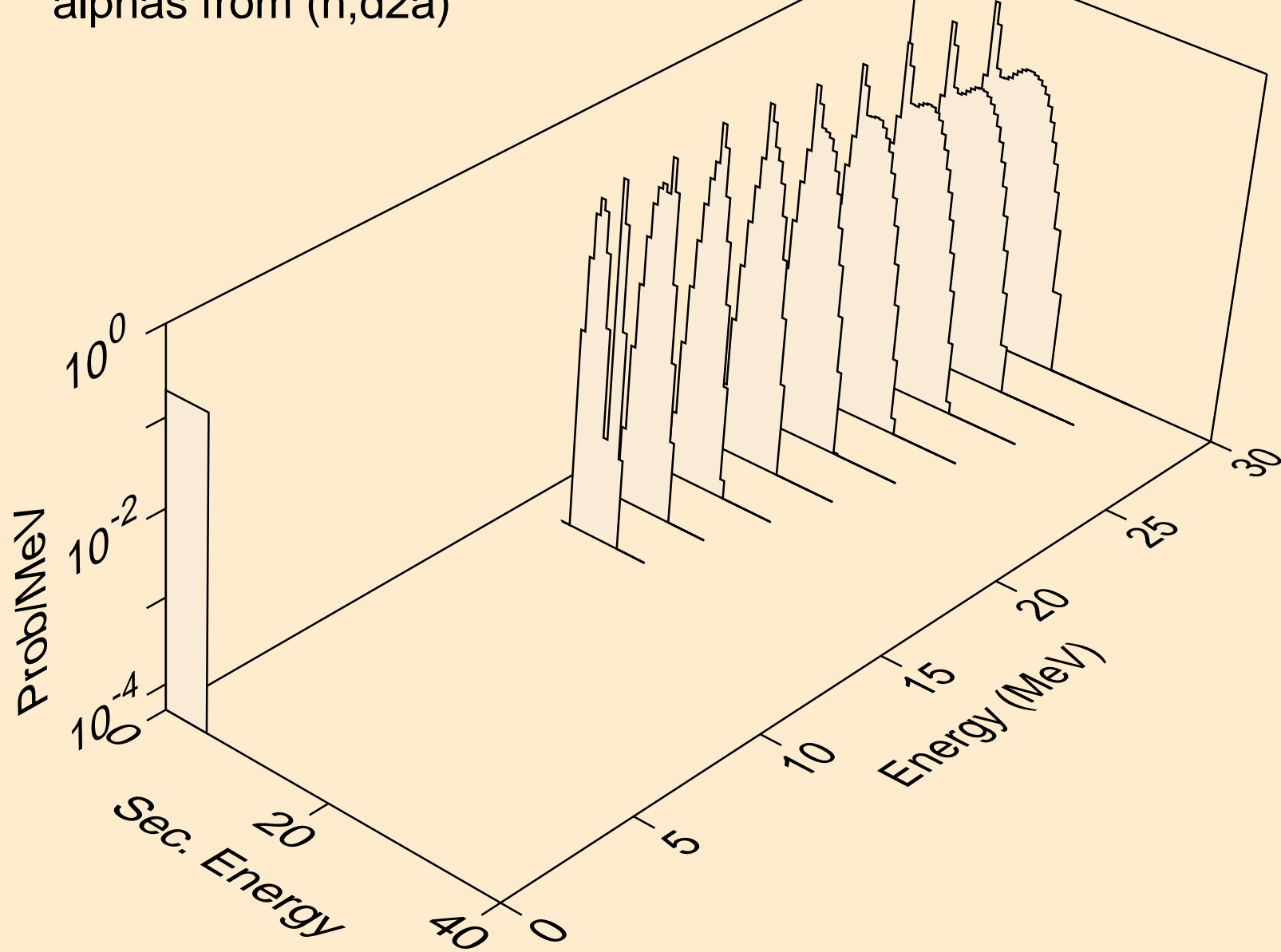
OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3a)



OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,pa)



OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,d2a)



OS170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,da)

