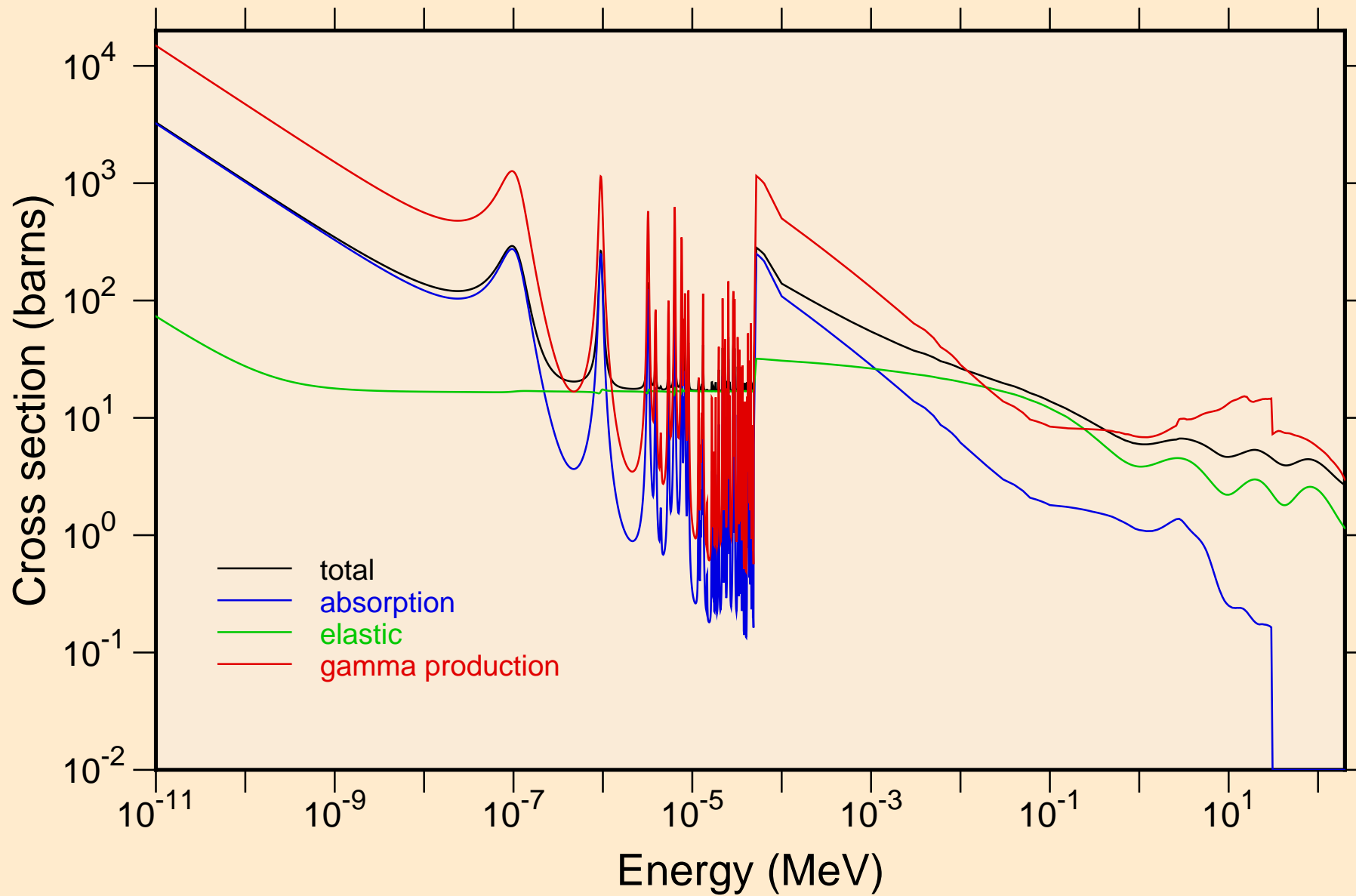
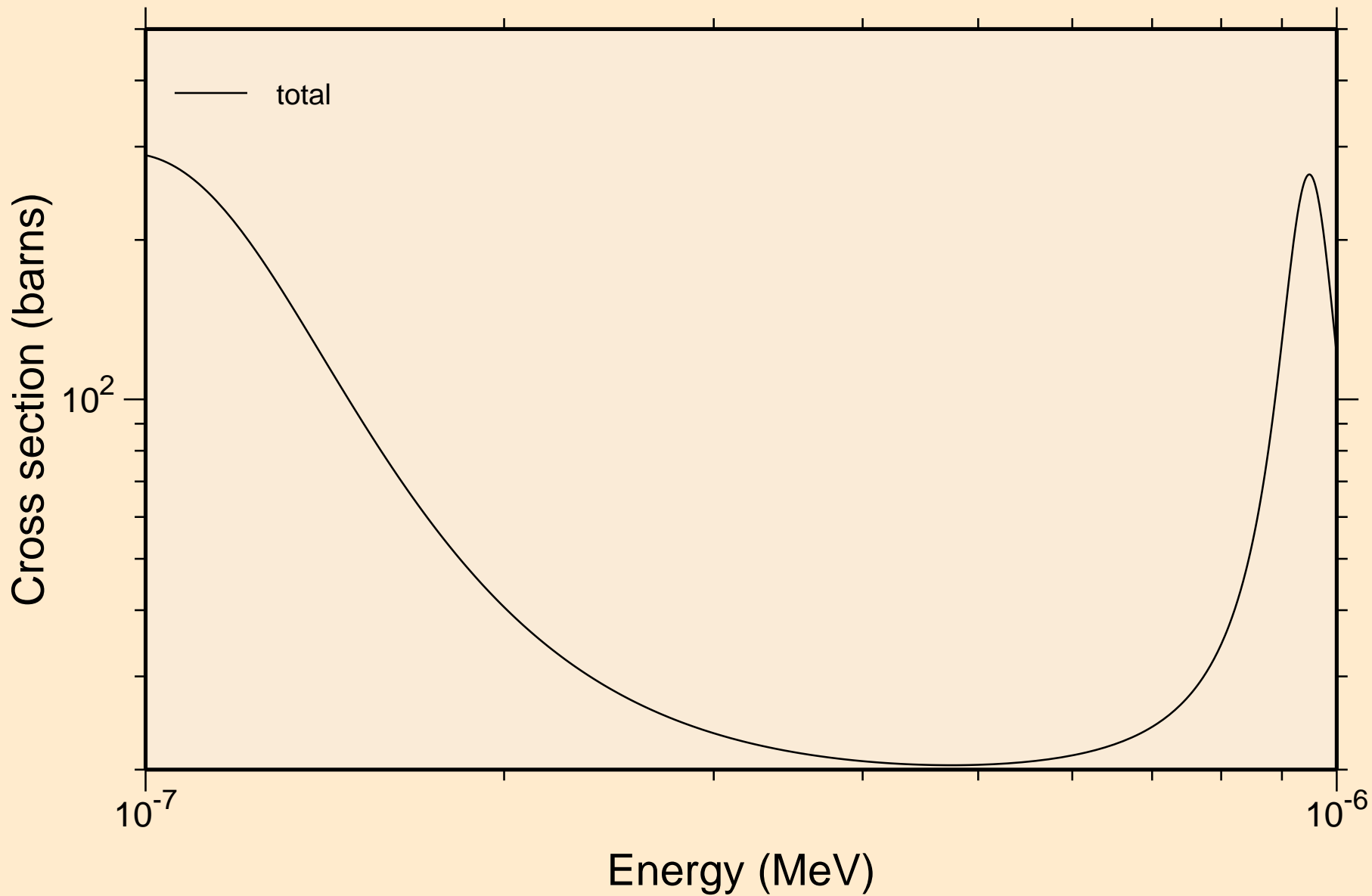


# OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

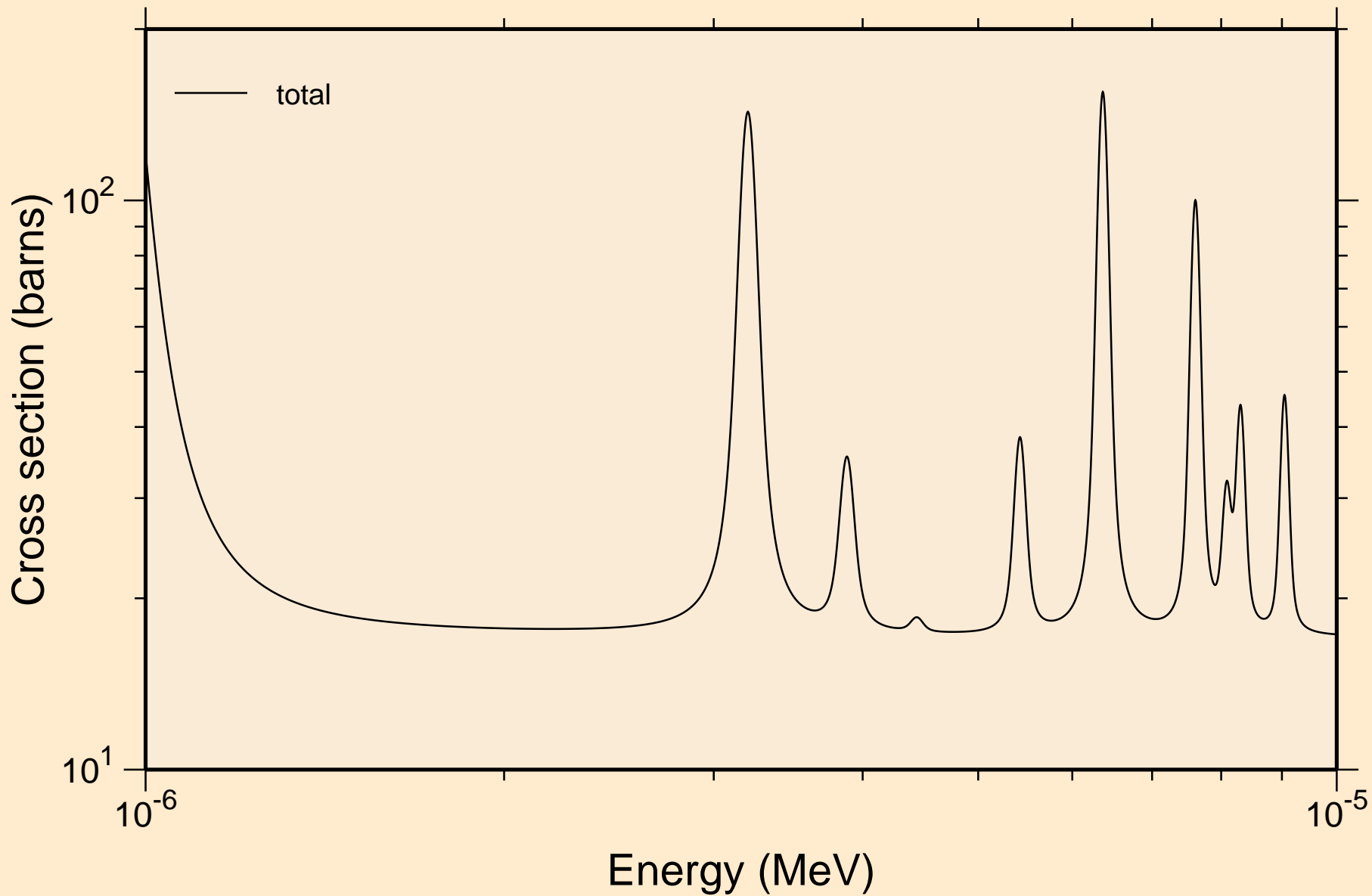
## Principal cross sections



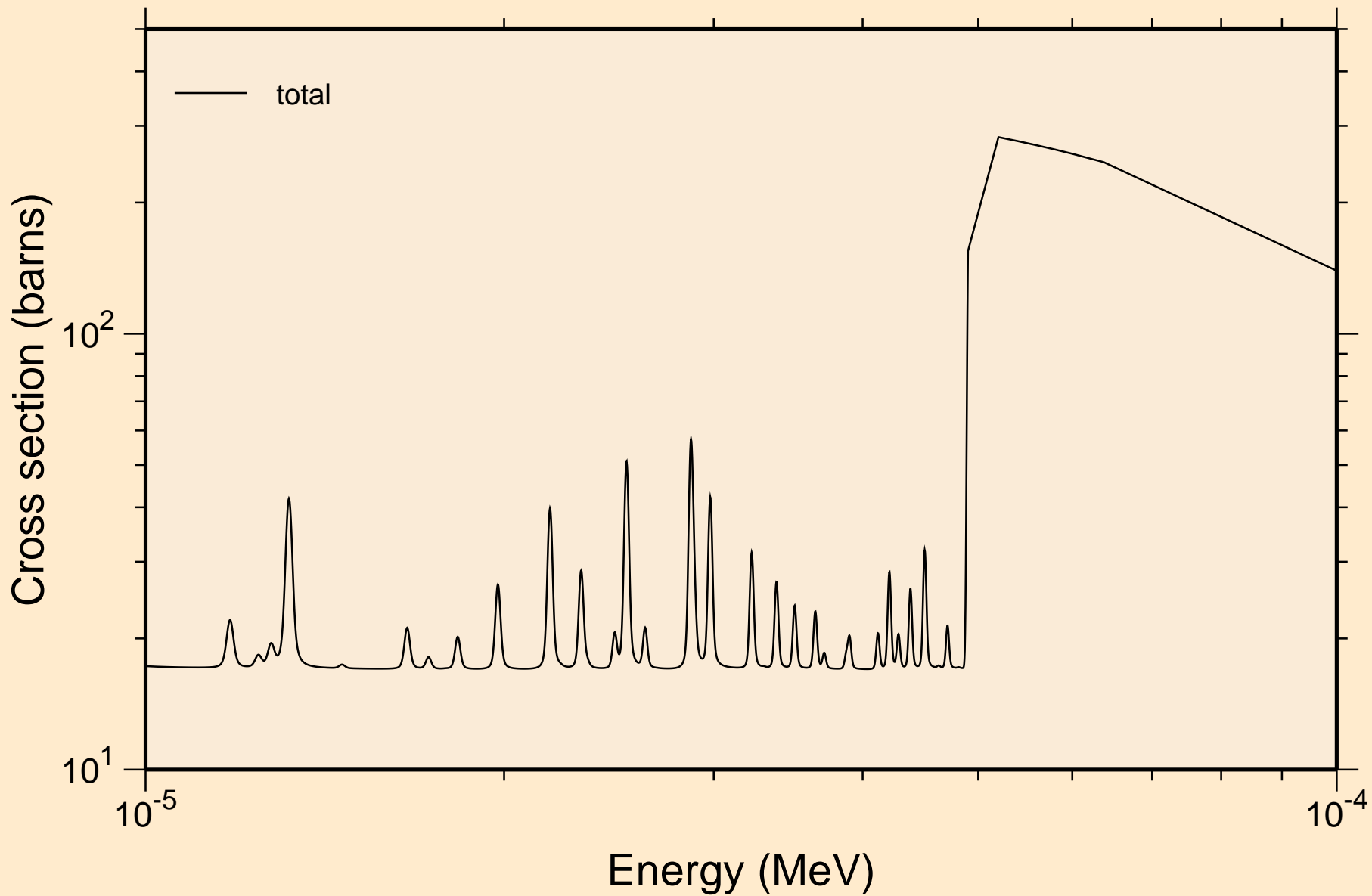
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



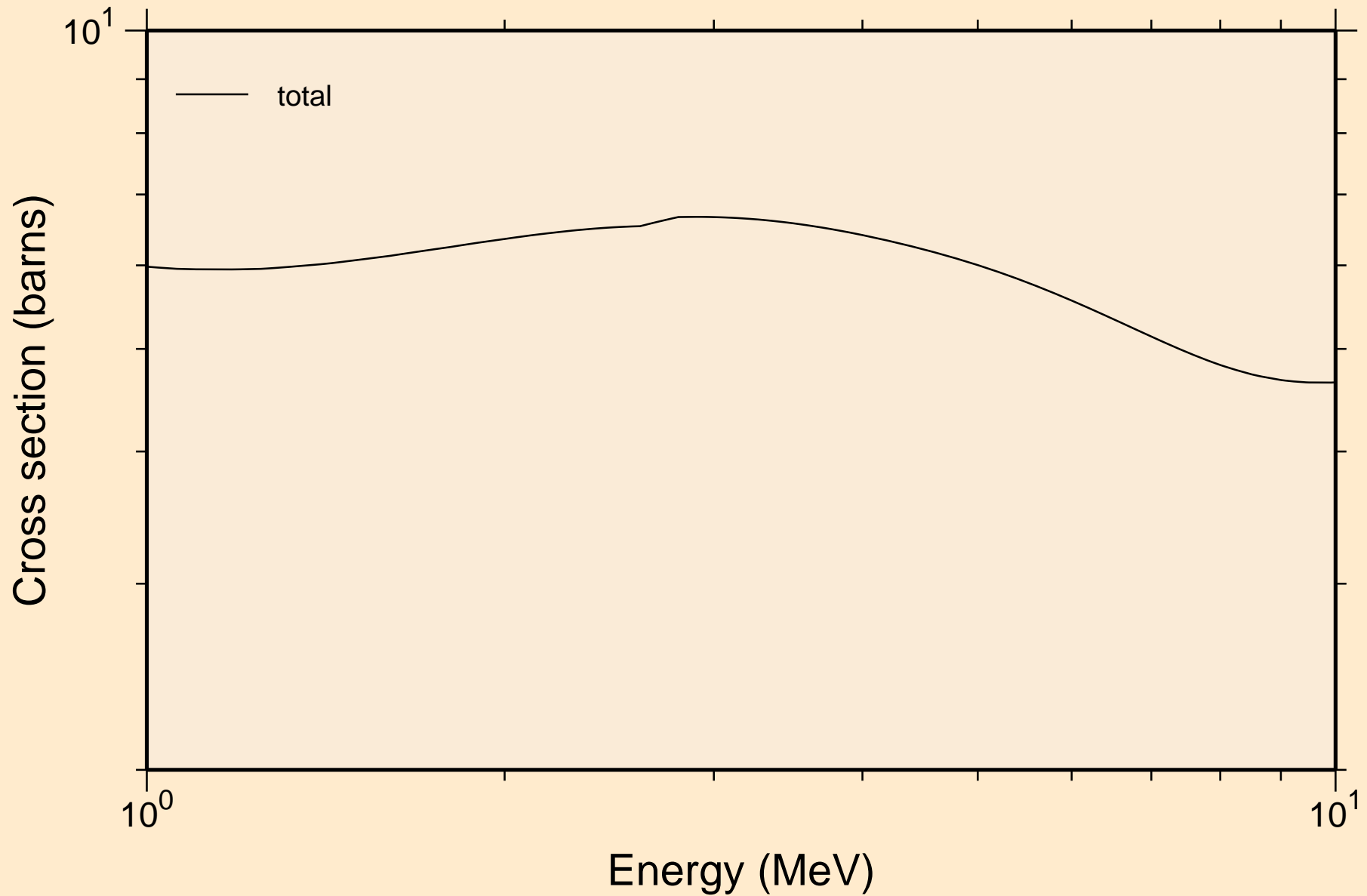
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



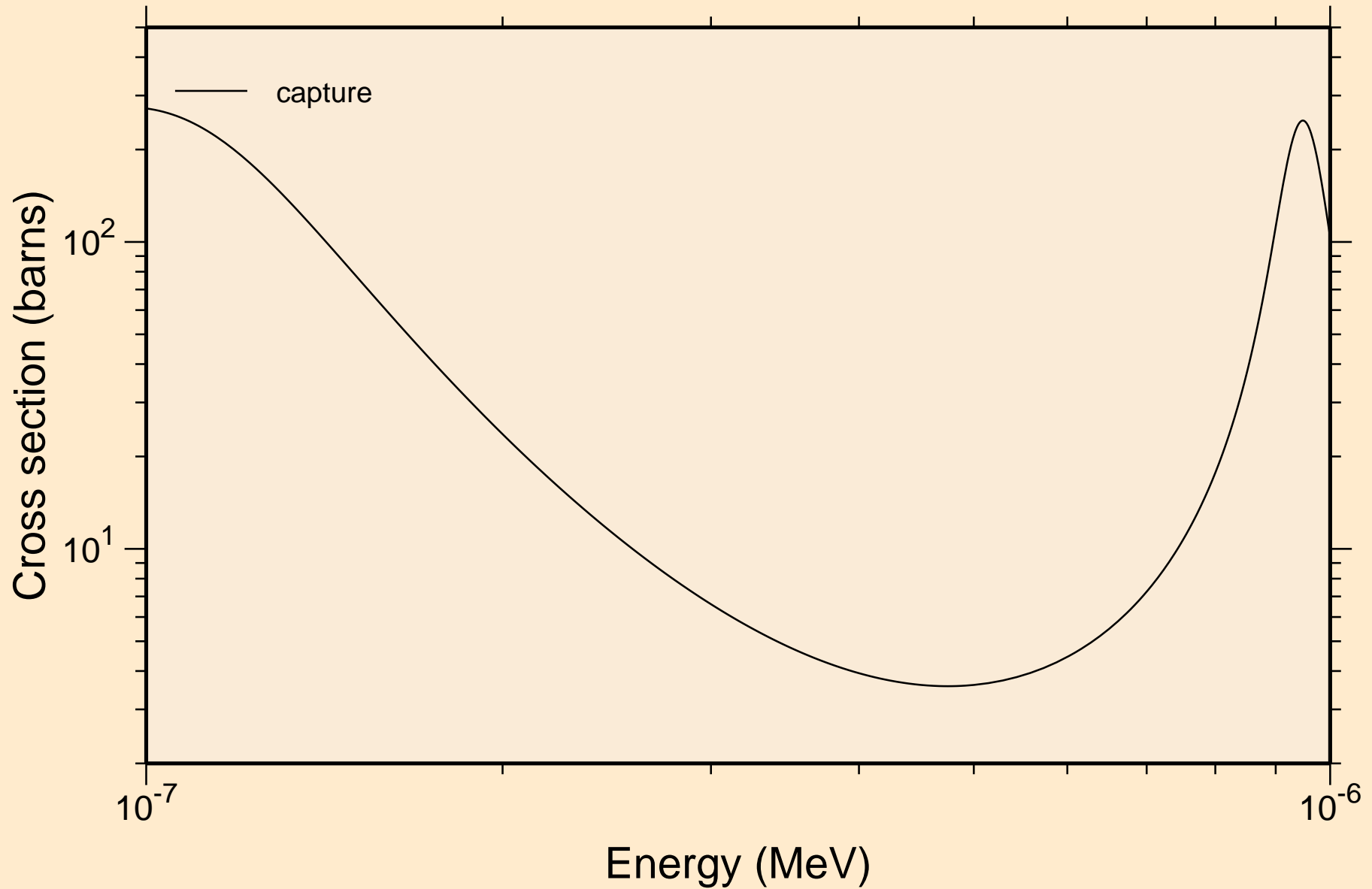
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



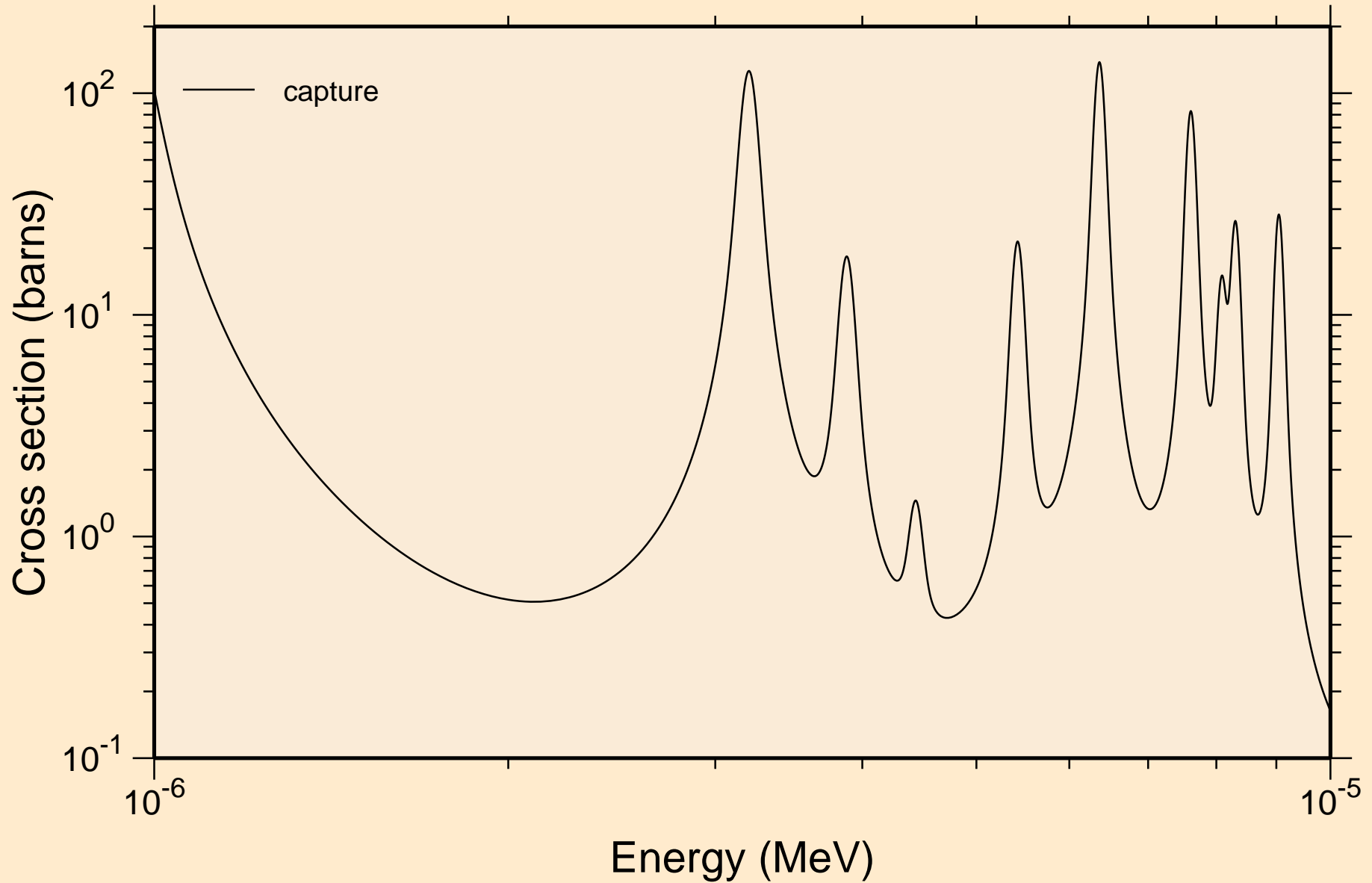
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



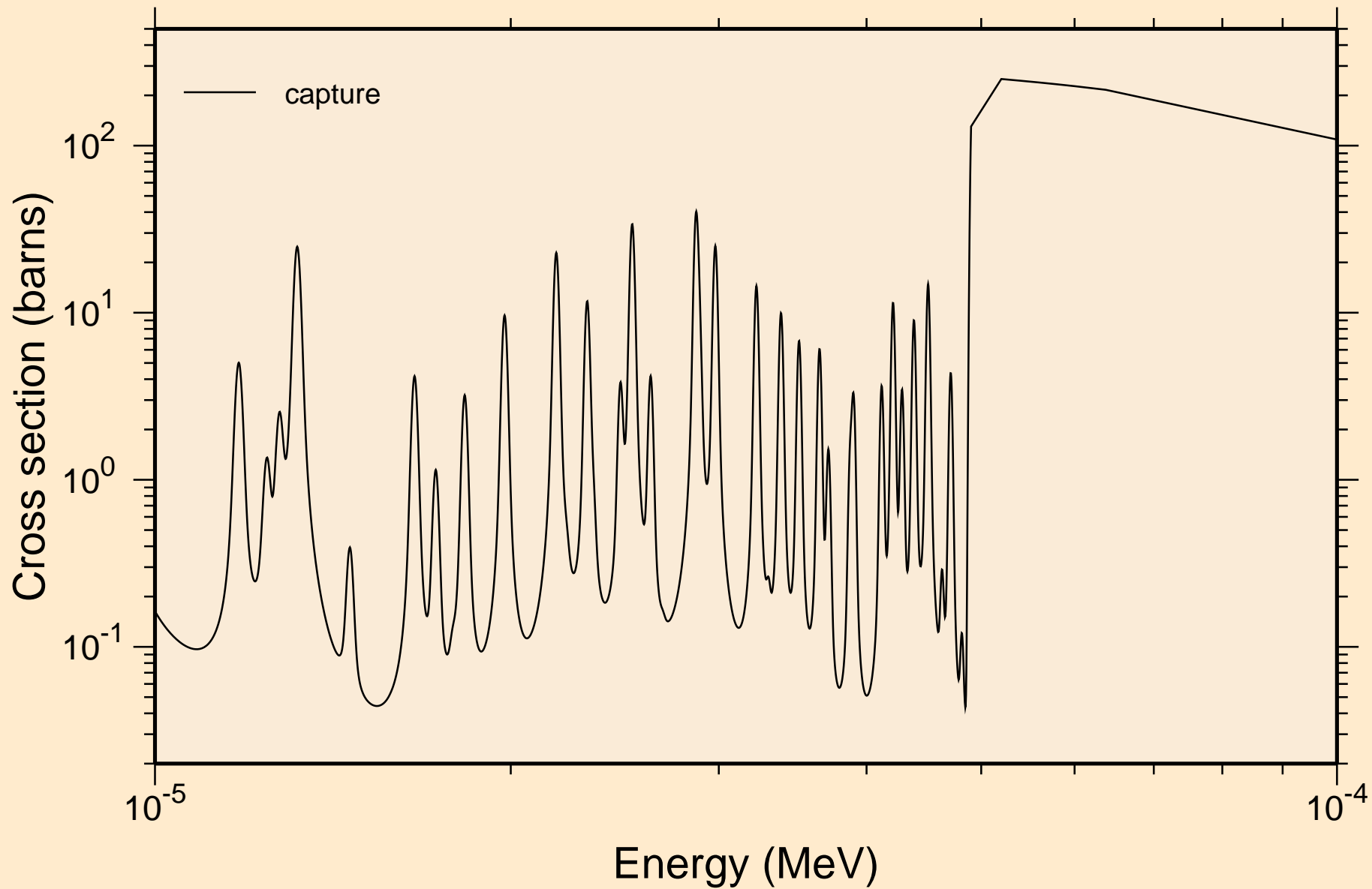
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



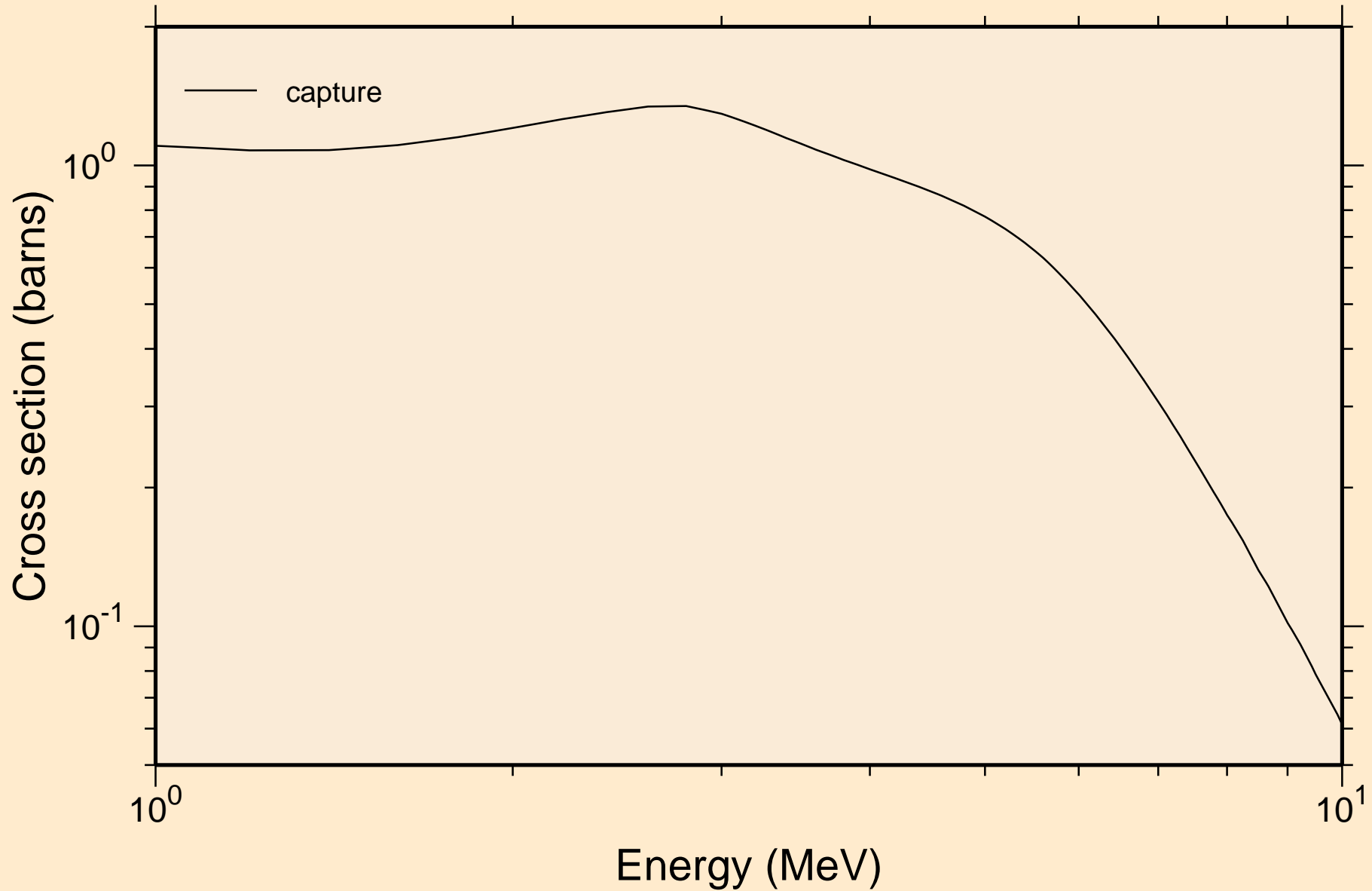
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



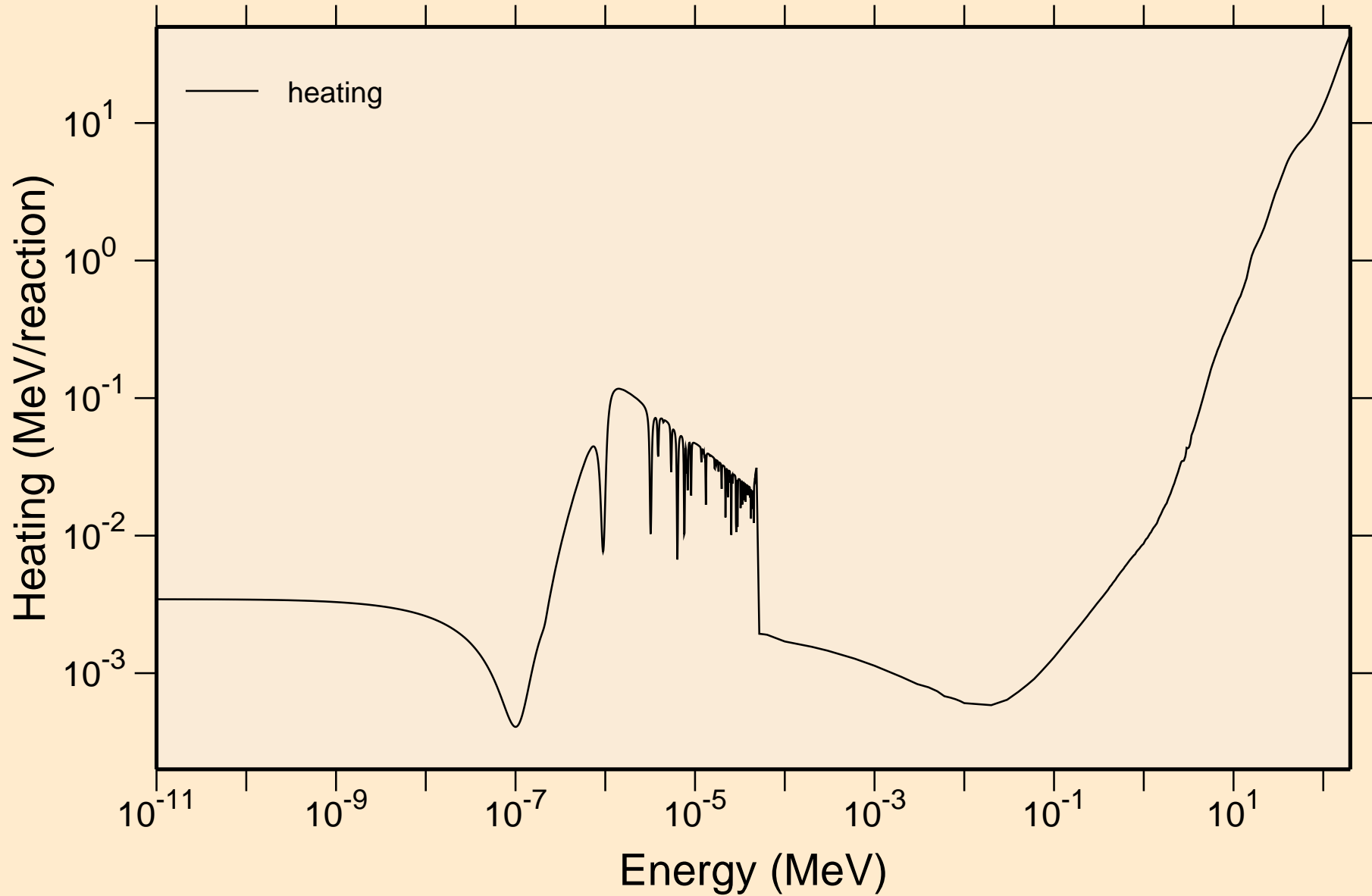
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections

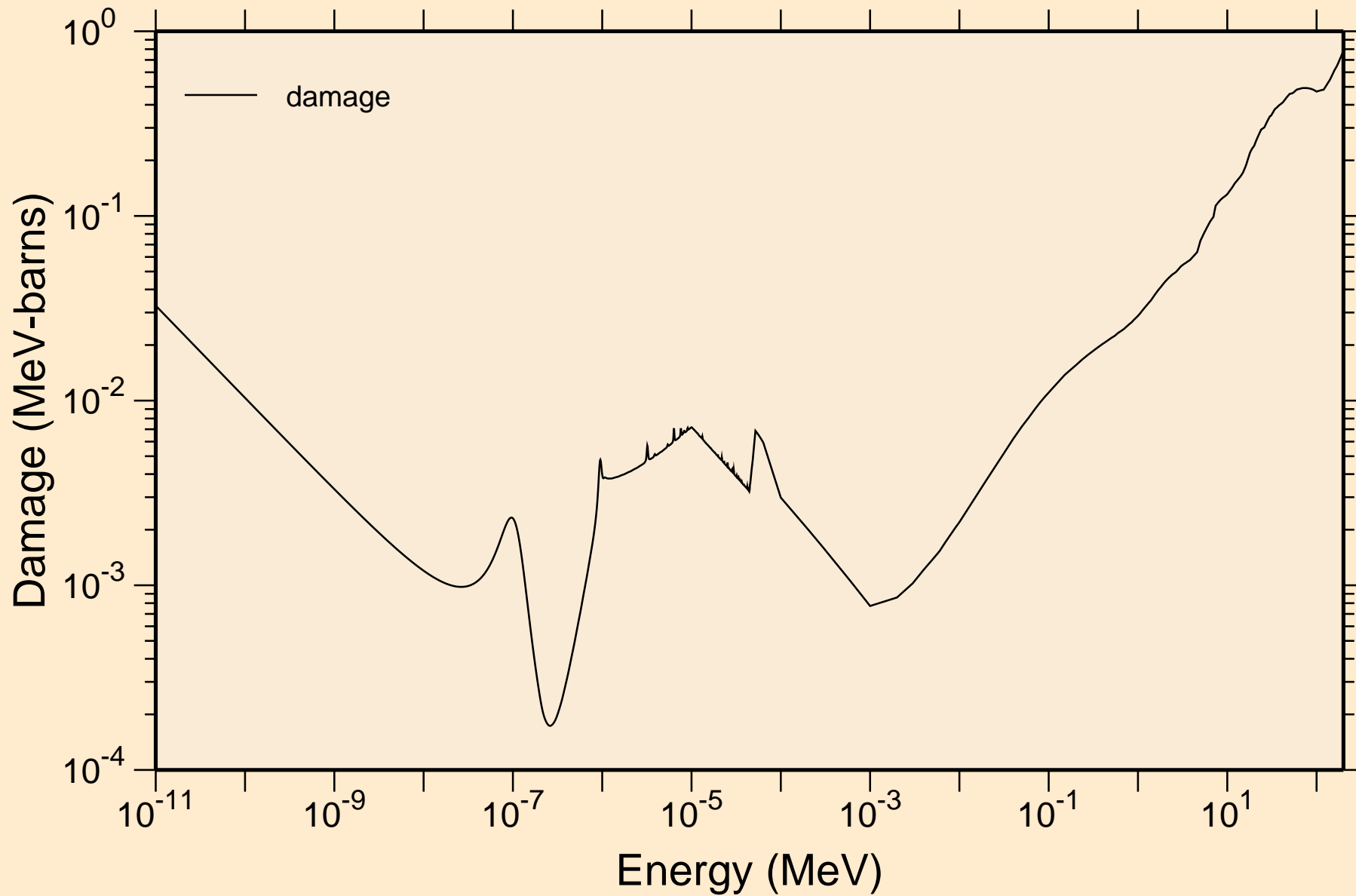


OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating

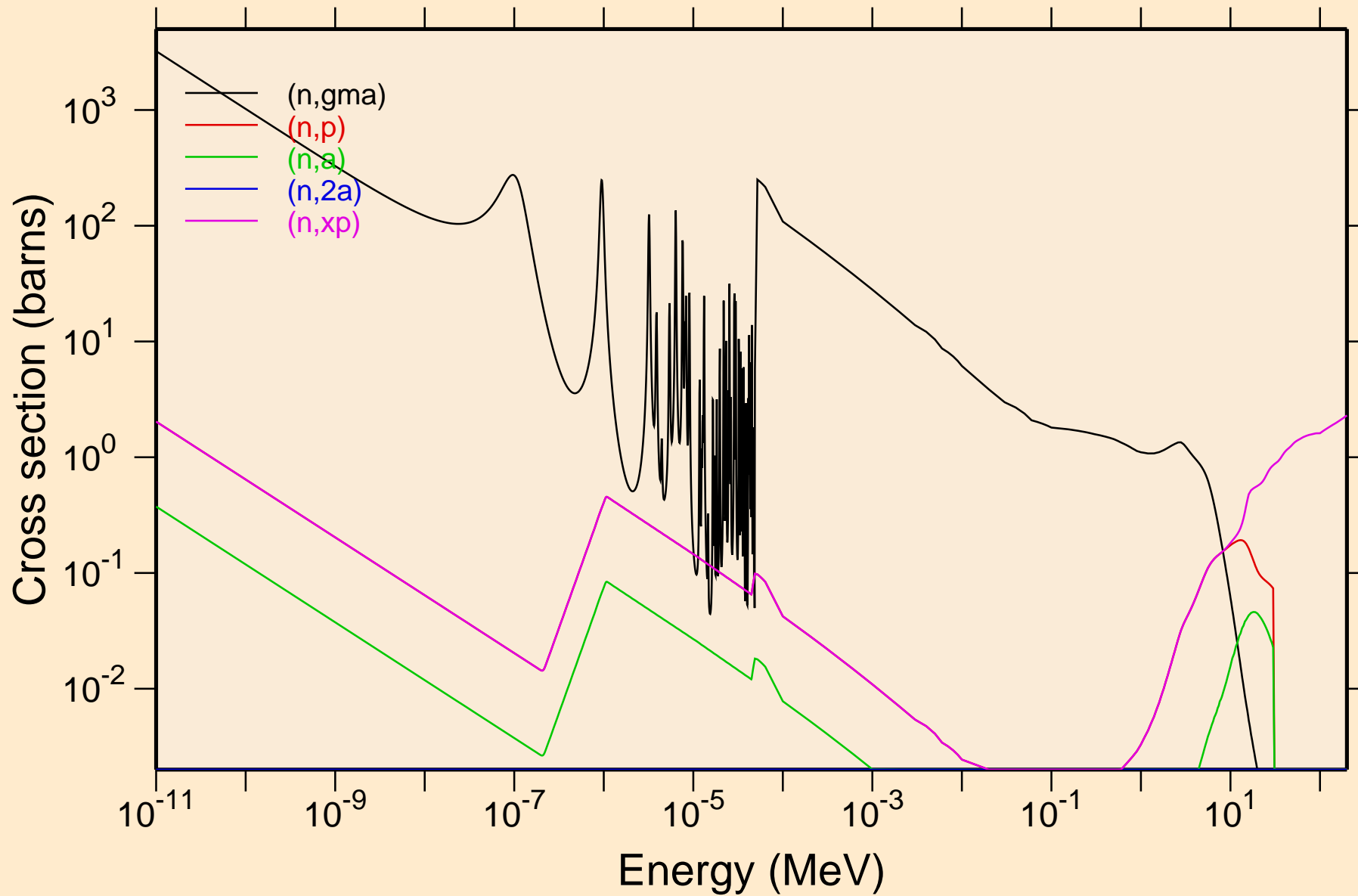


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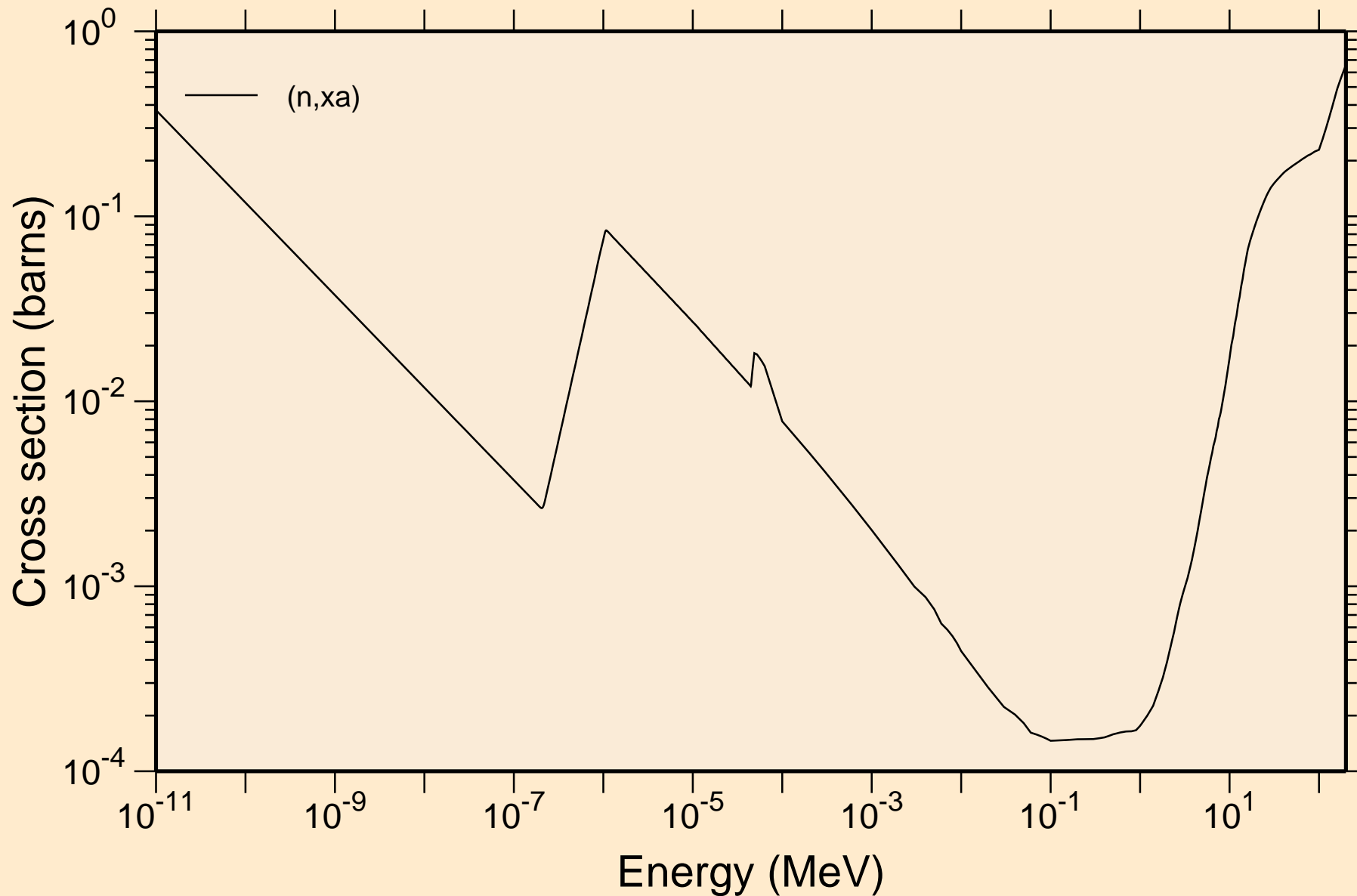
## Damage



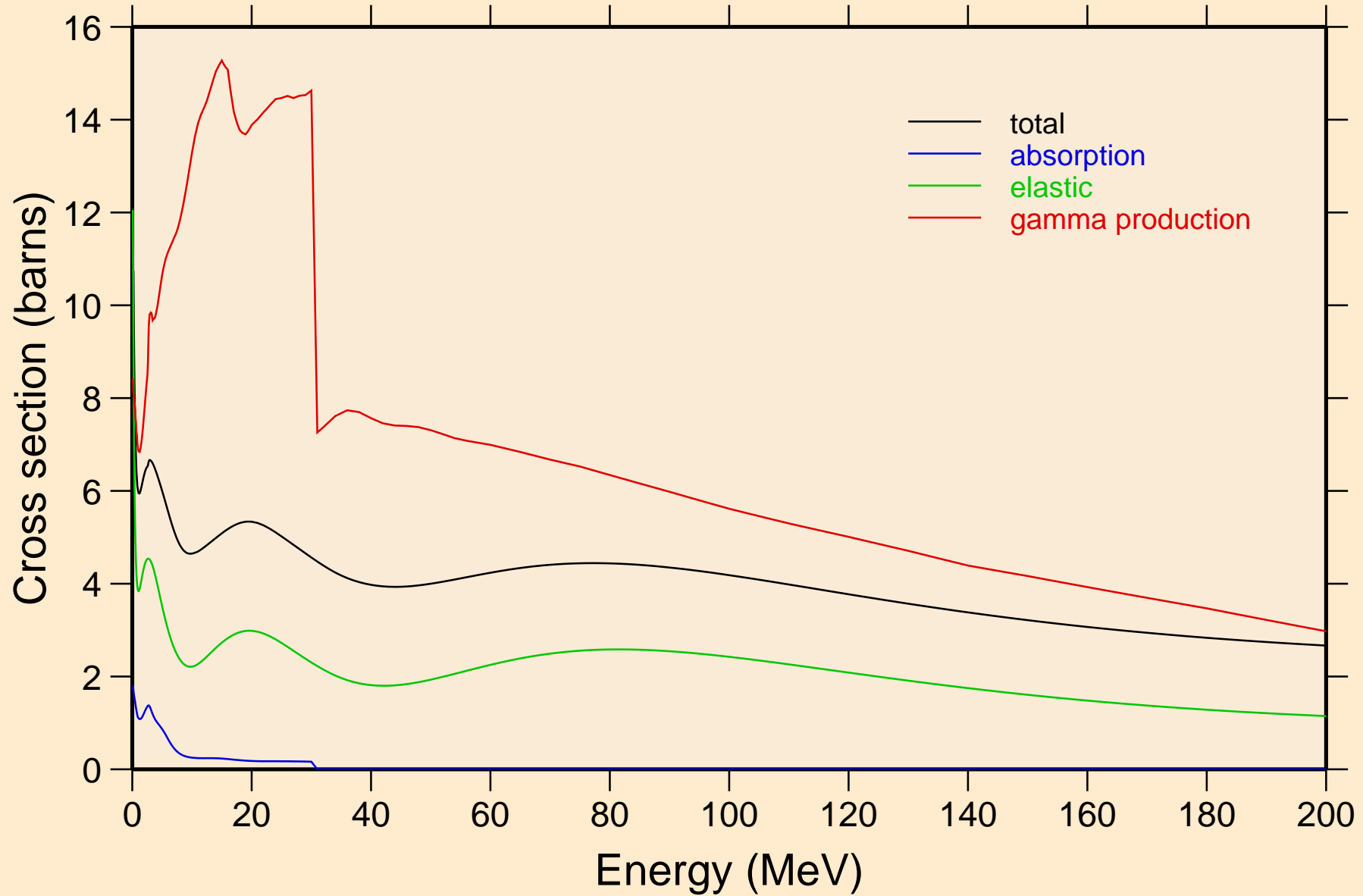
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

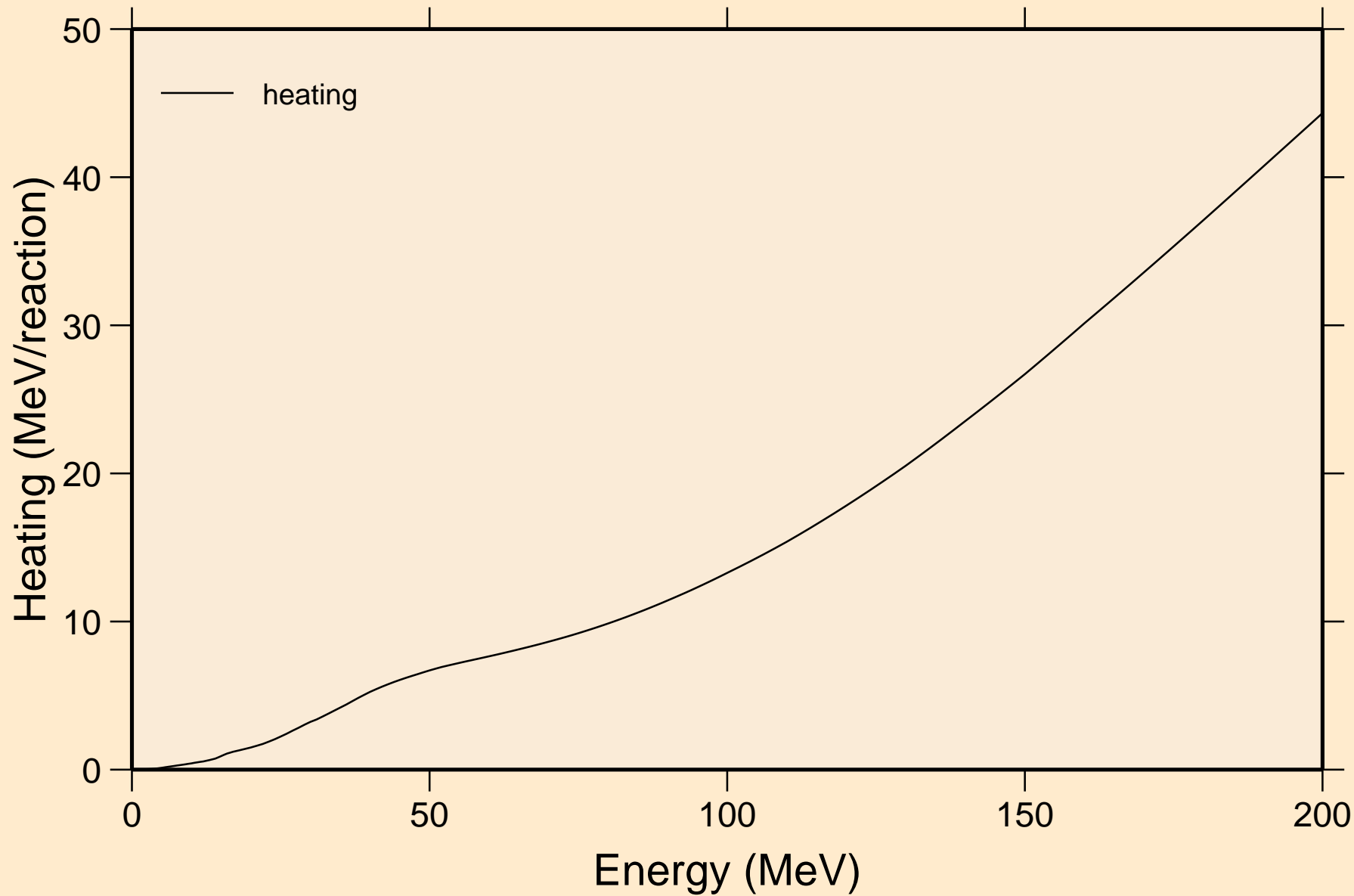


OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Principal cross sections

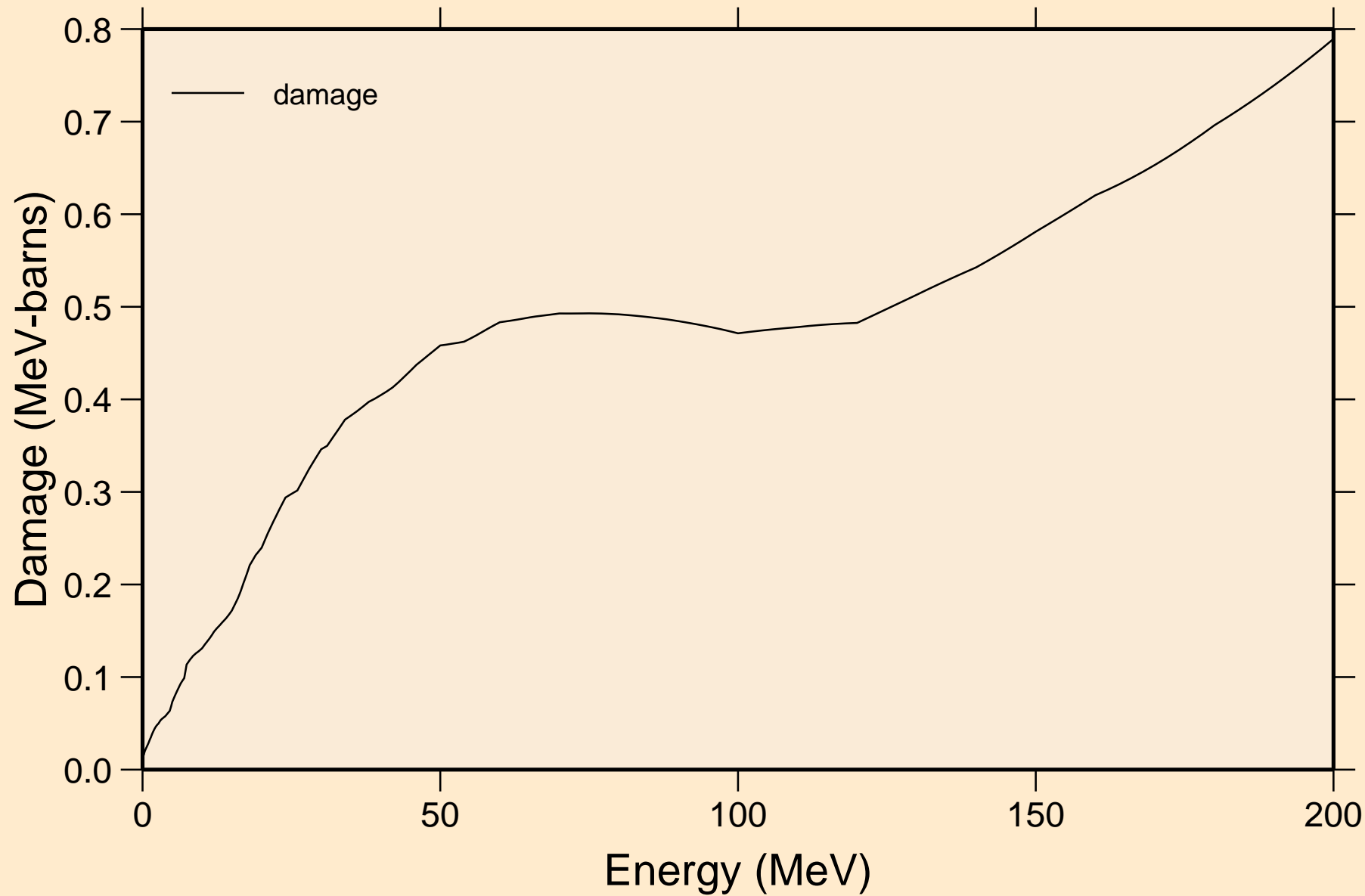


# OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

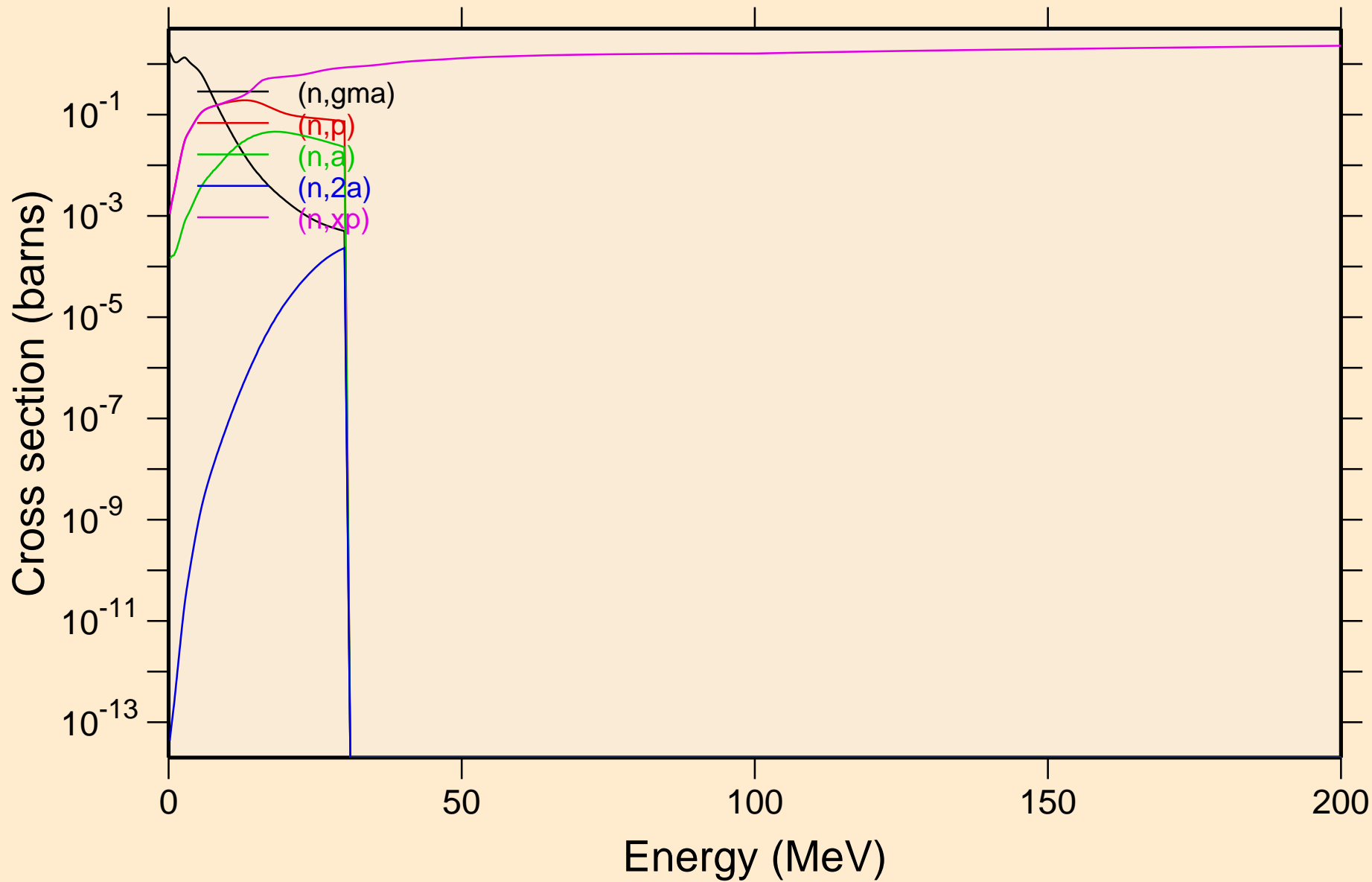
## Heating



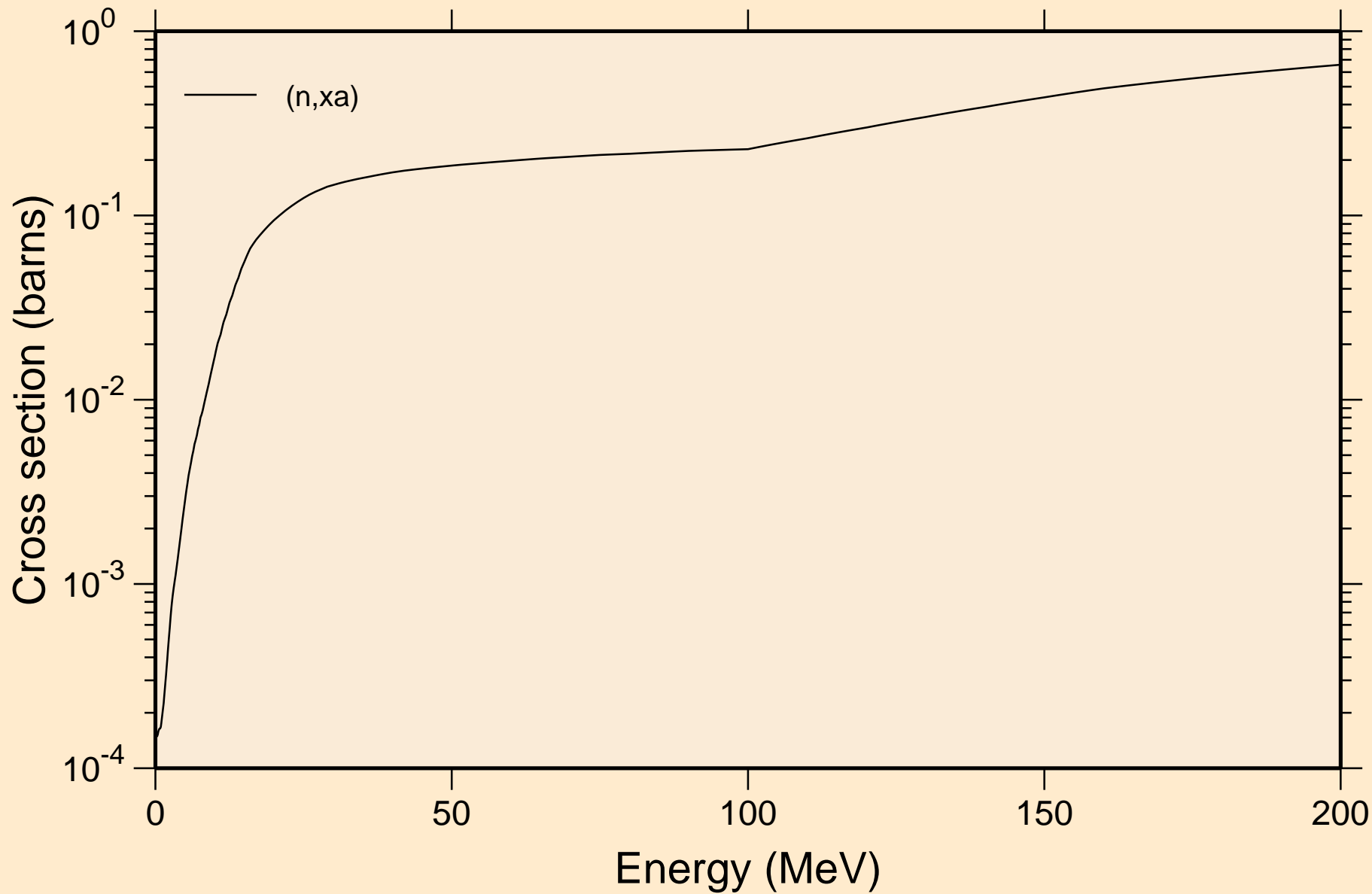
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage



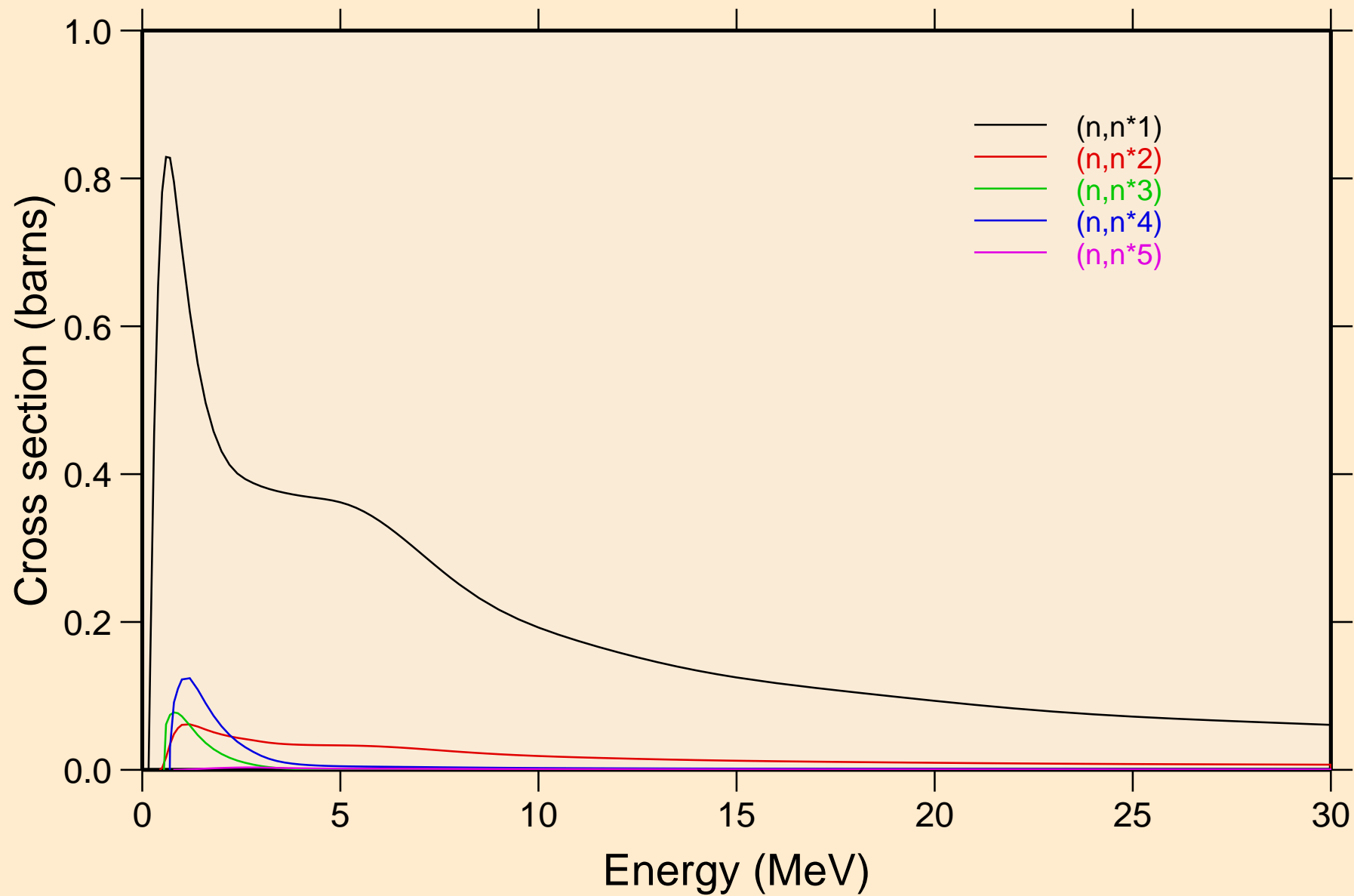
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



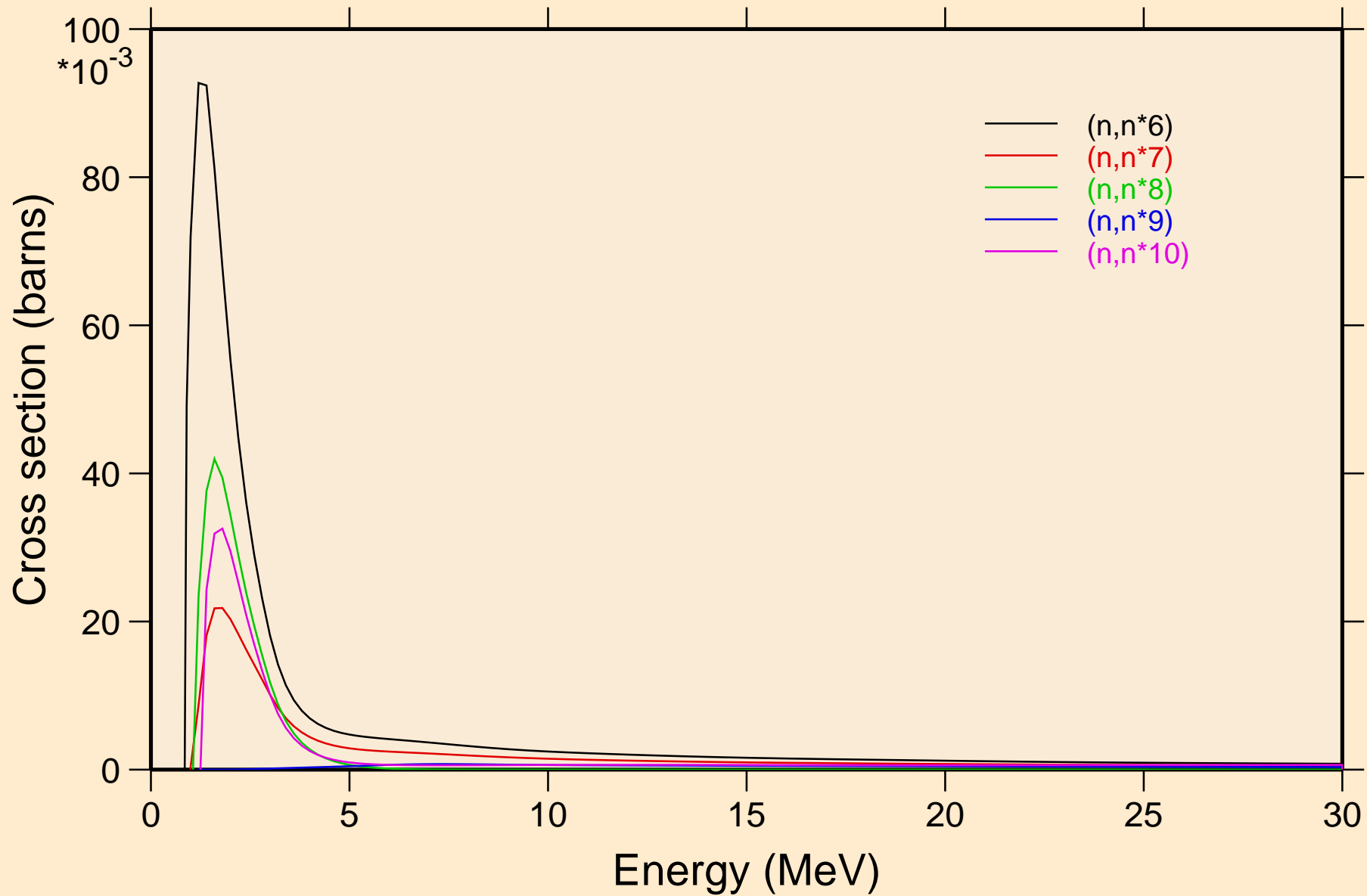
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



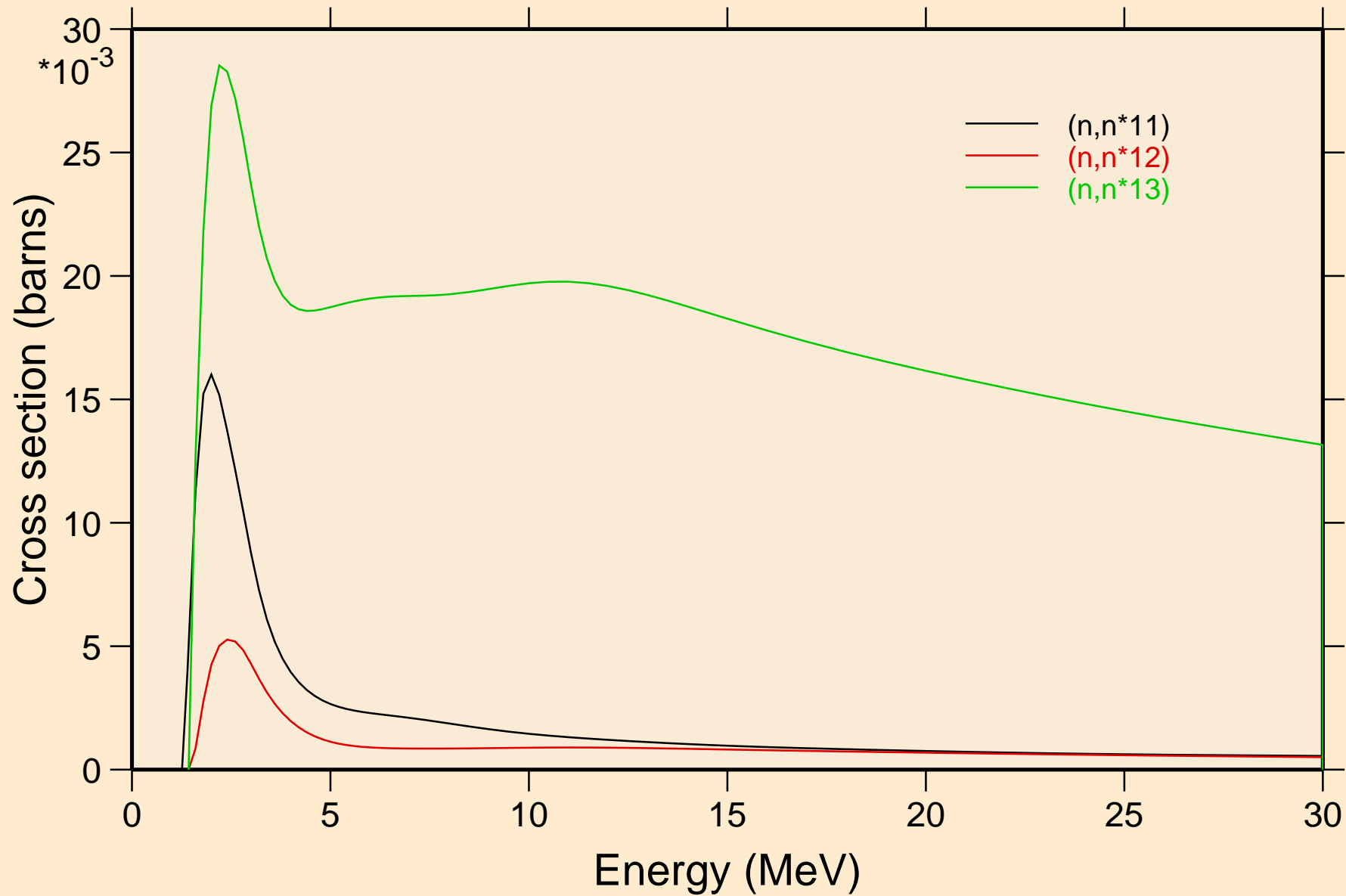
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

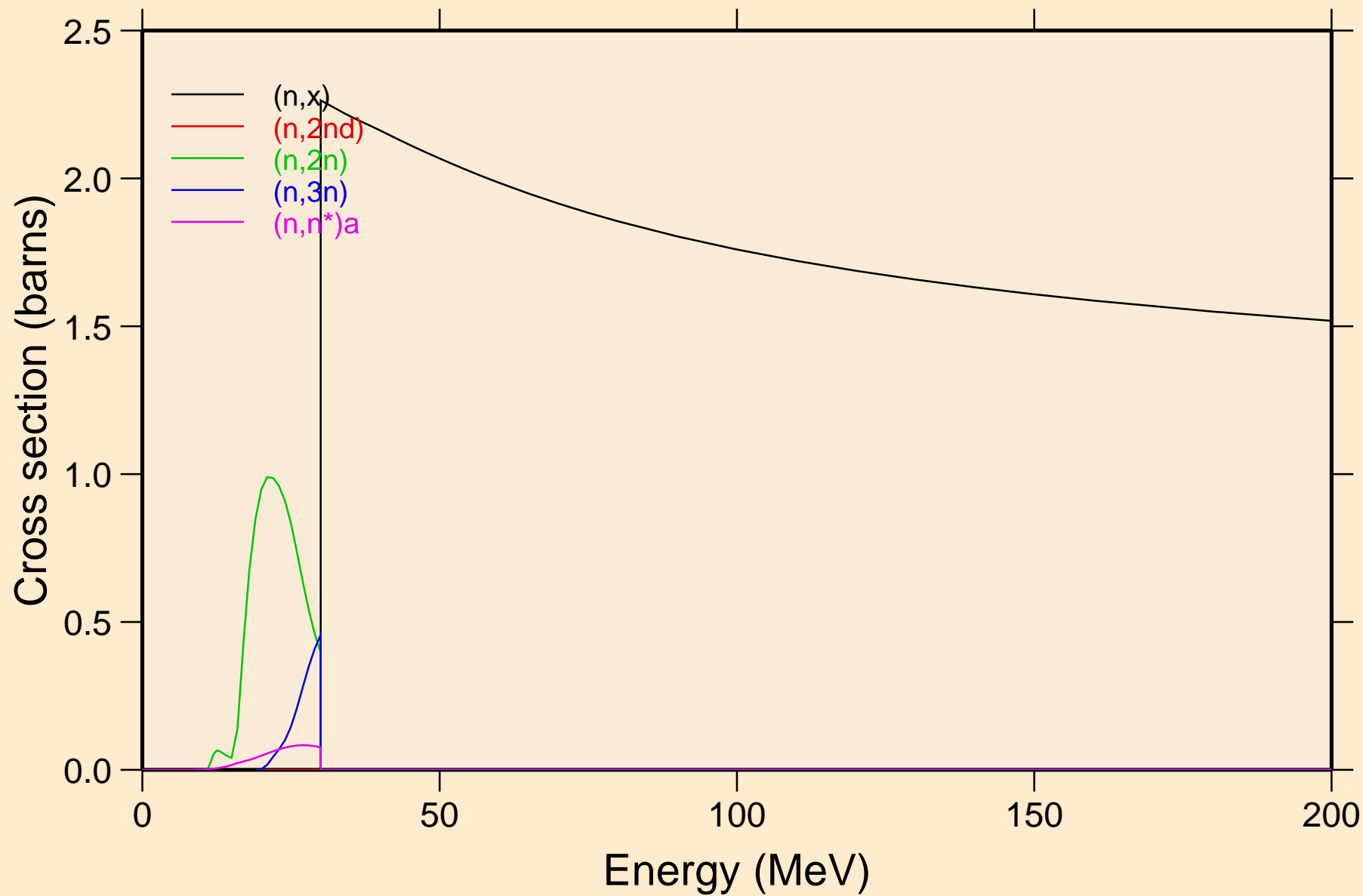


OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

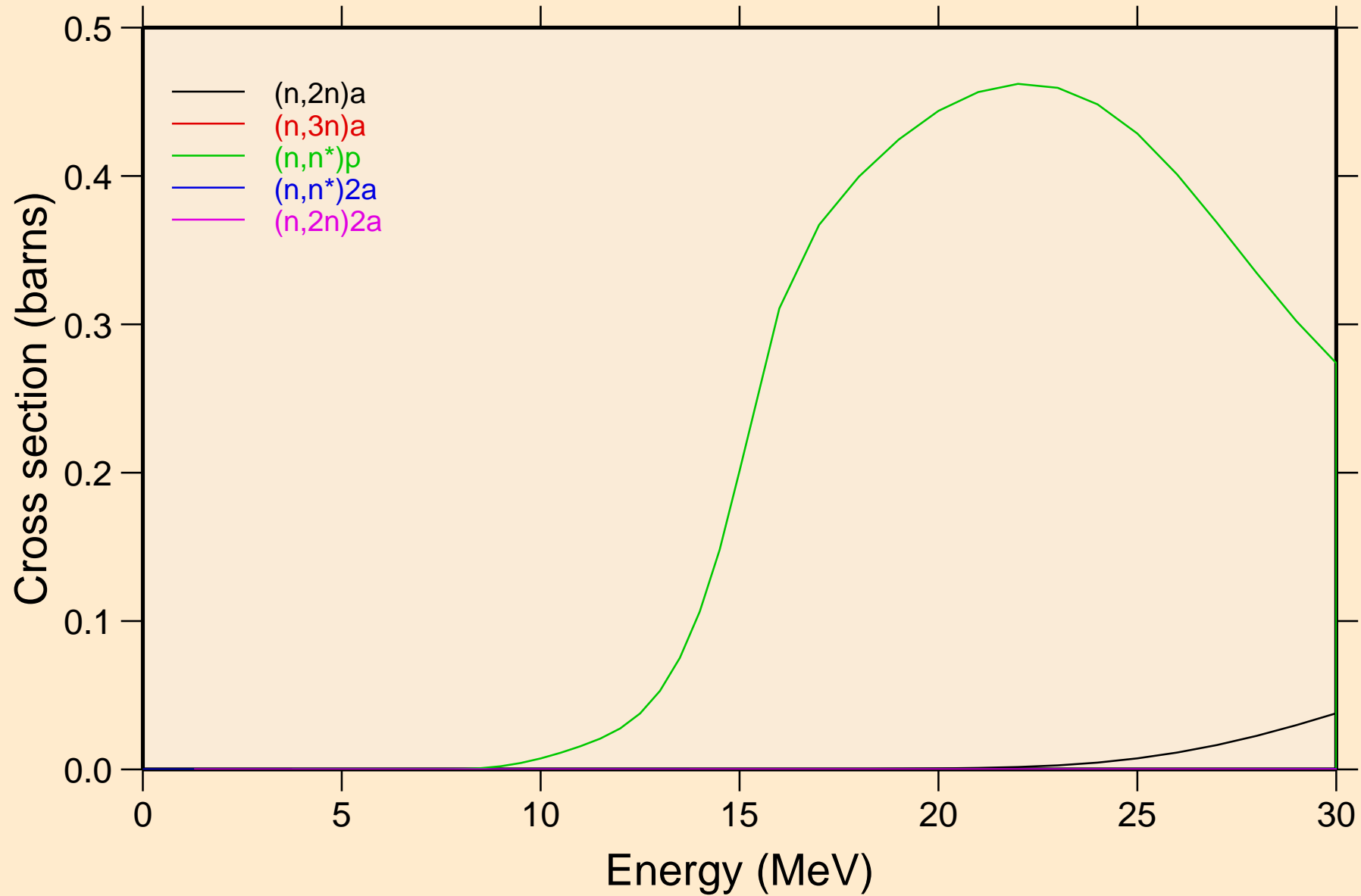


# OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

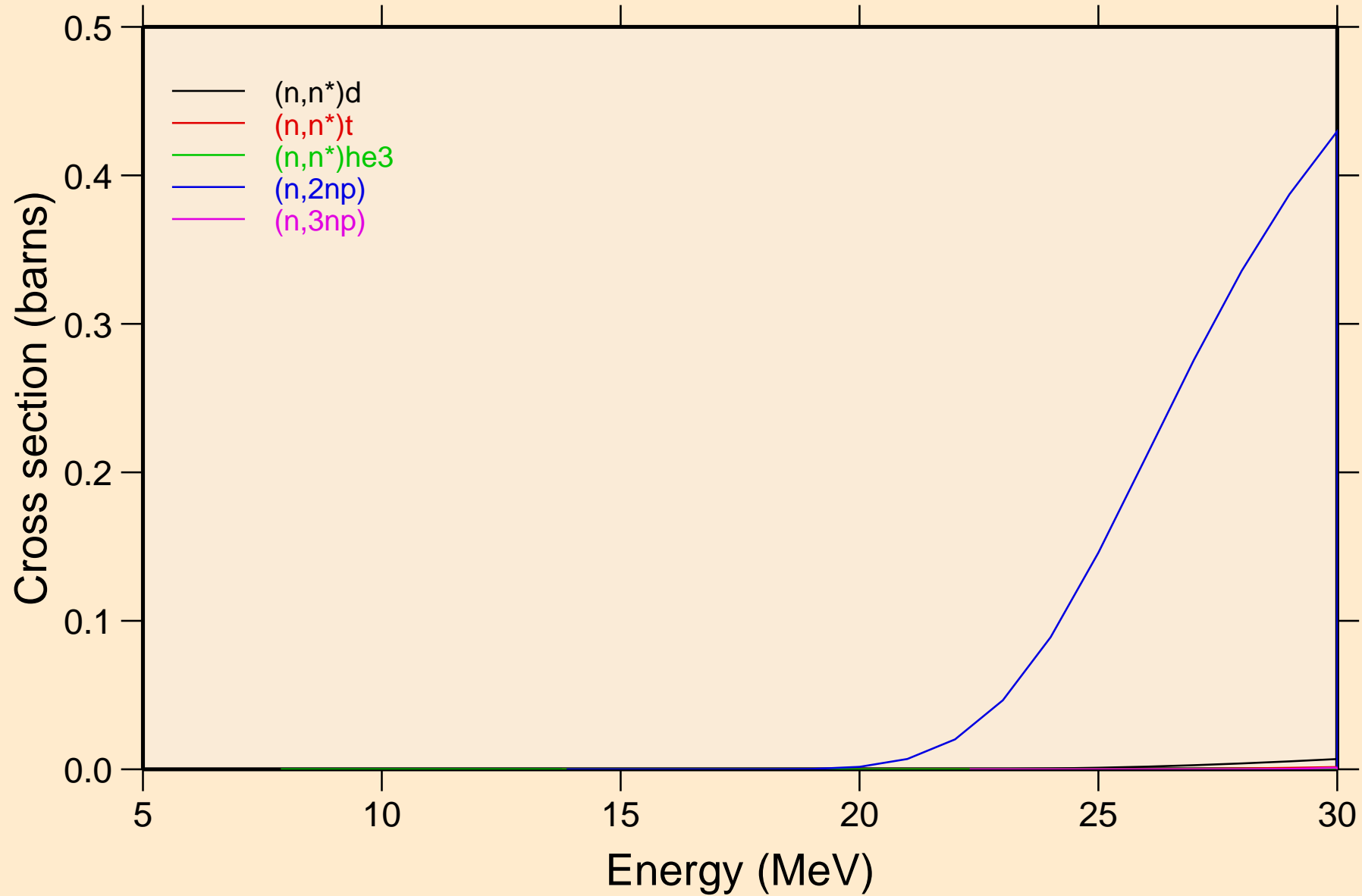
## Threshold reactions



OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

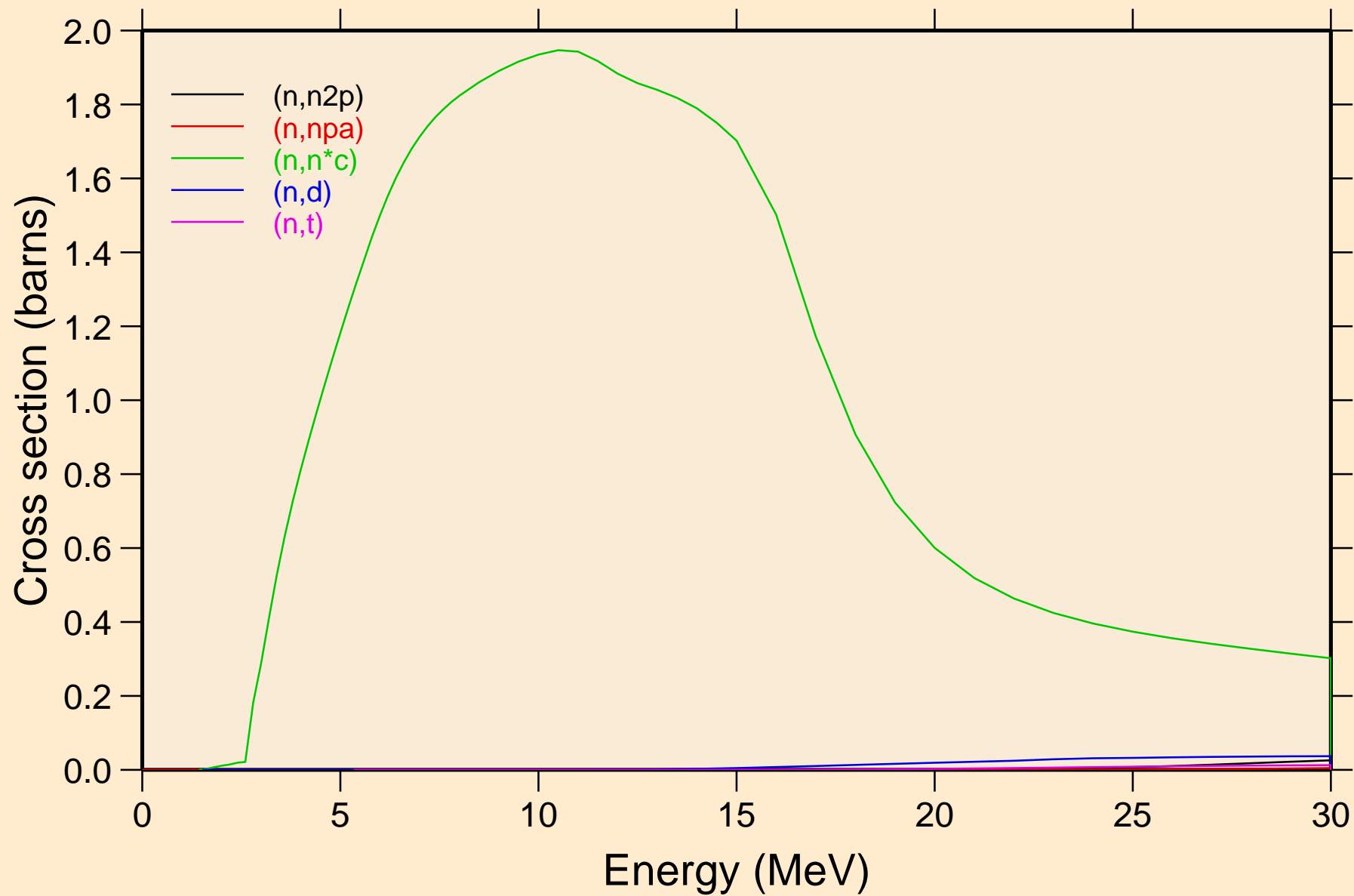


OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



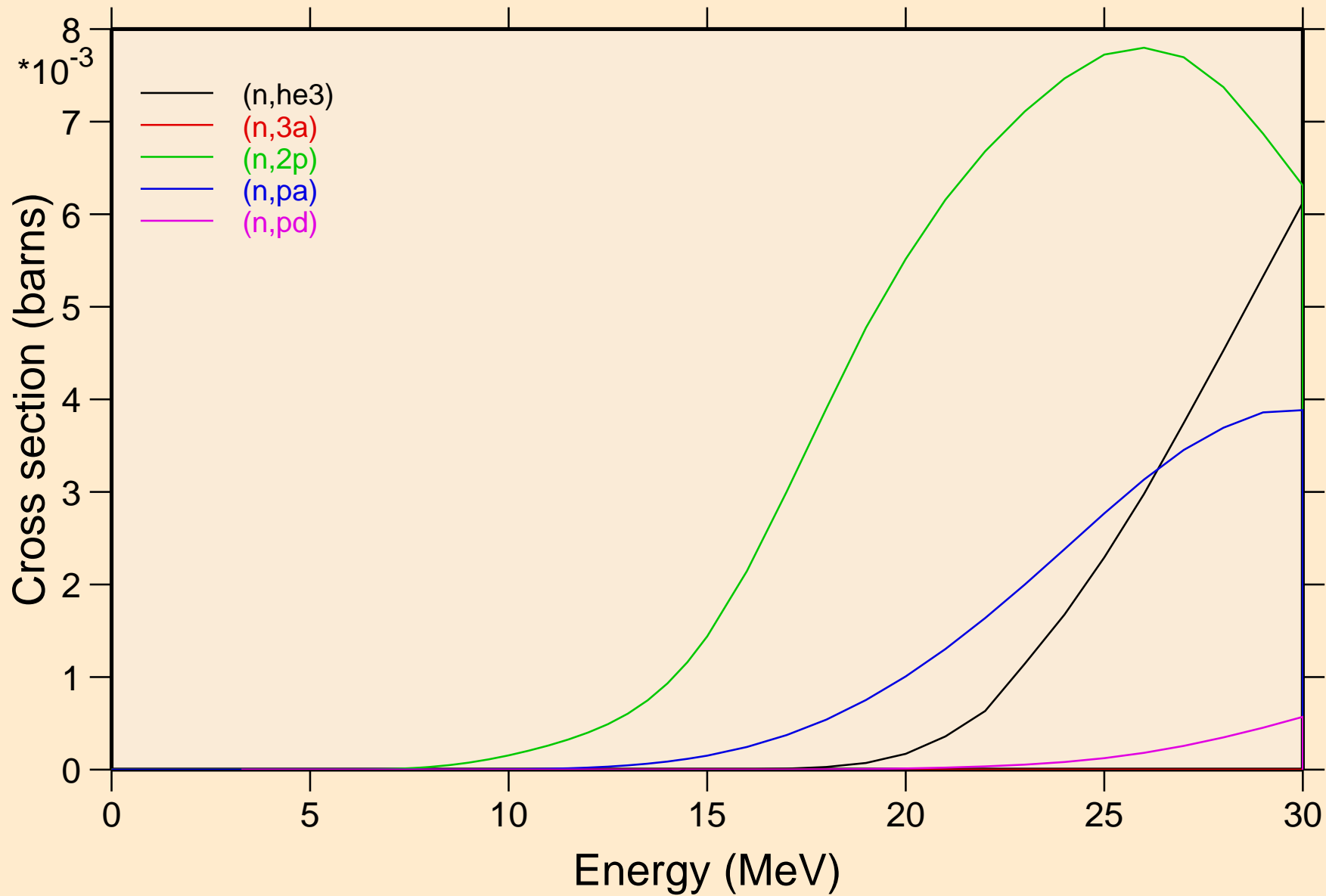
# OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Threshold reactions

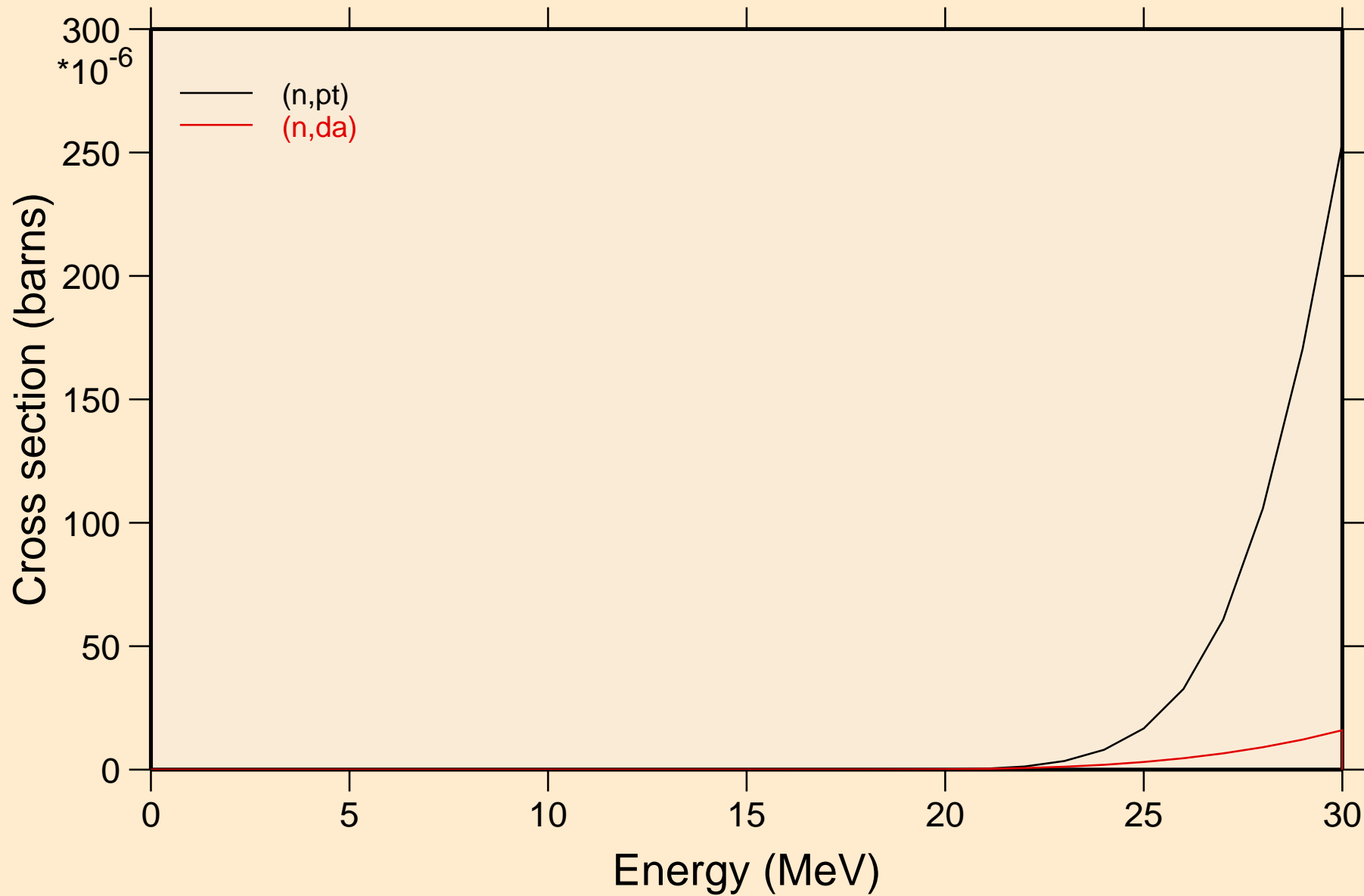


# OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

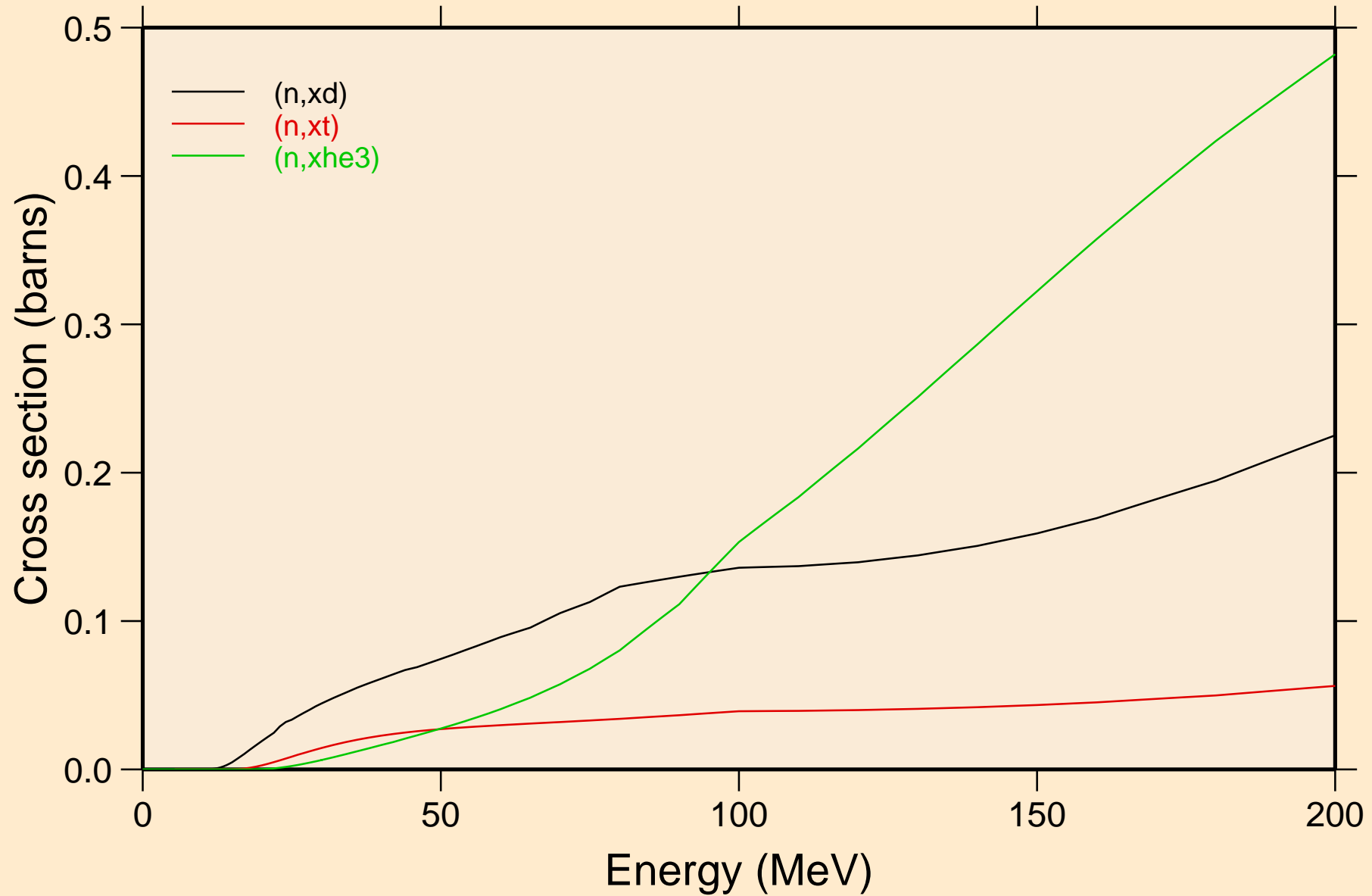
## Threshold reactions



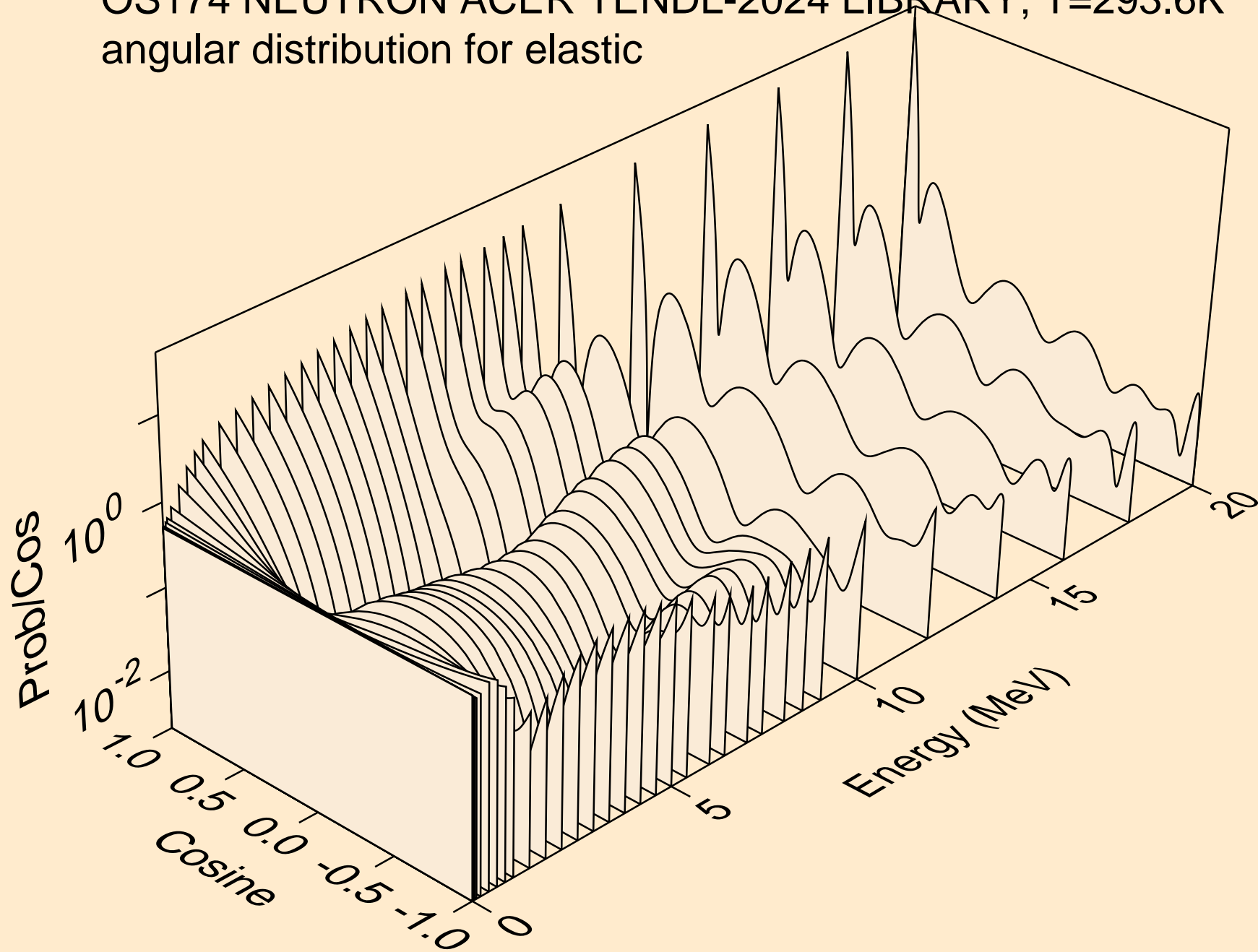
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



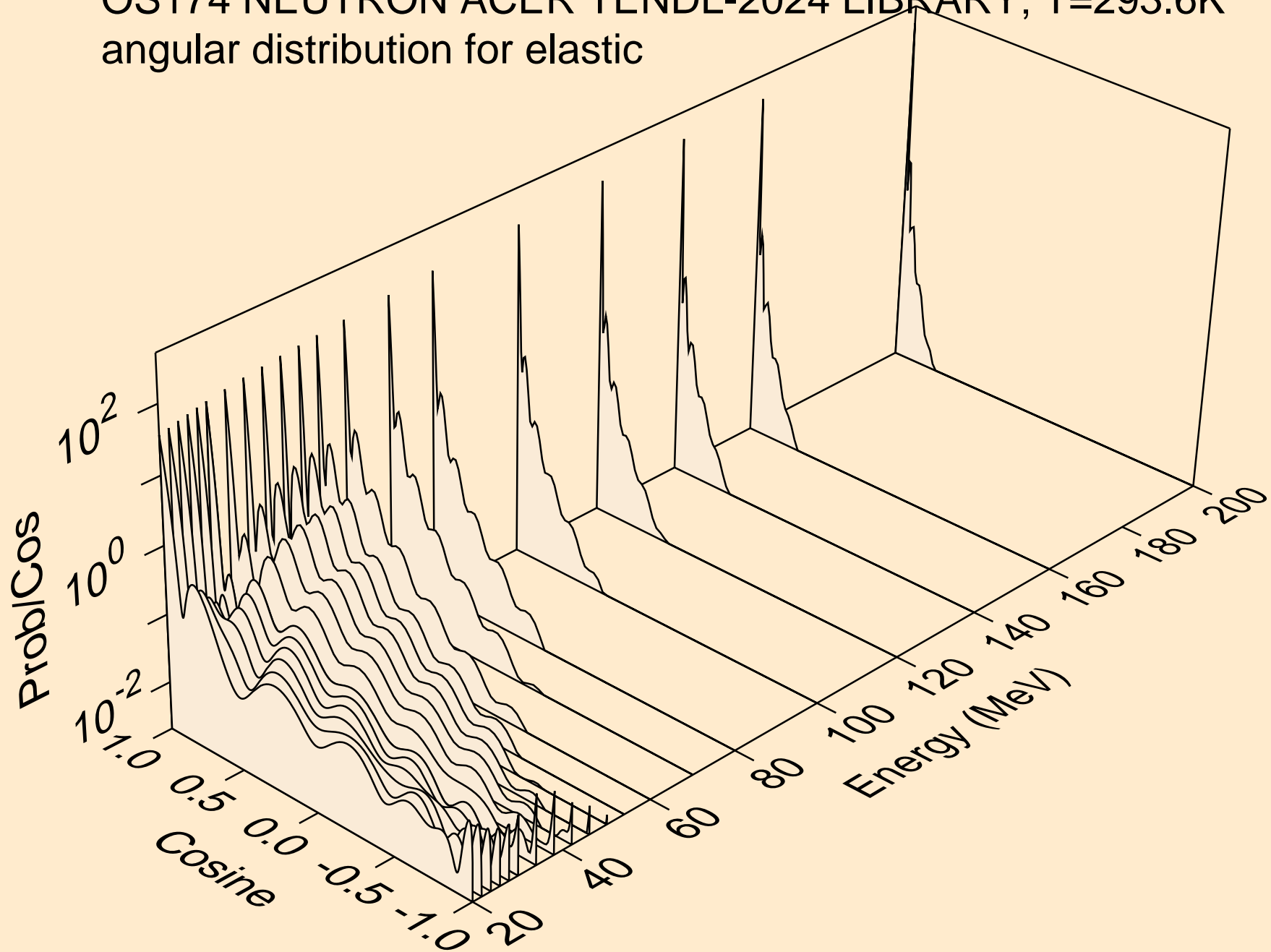
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



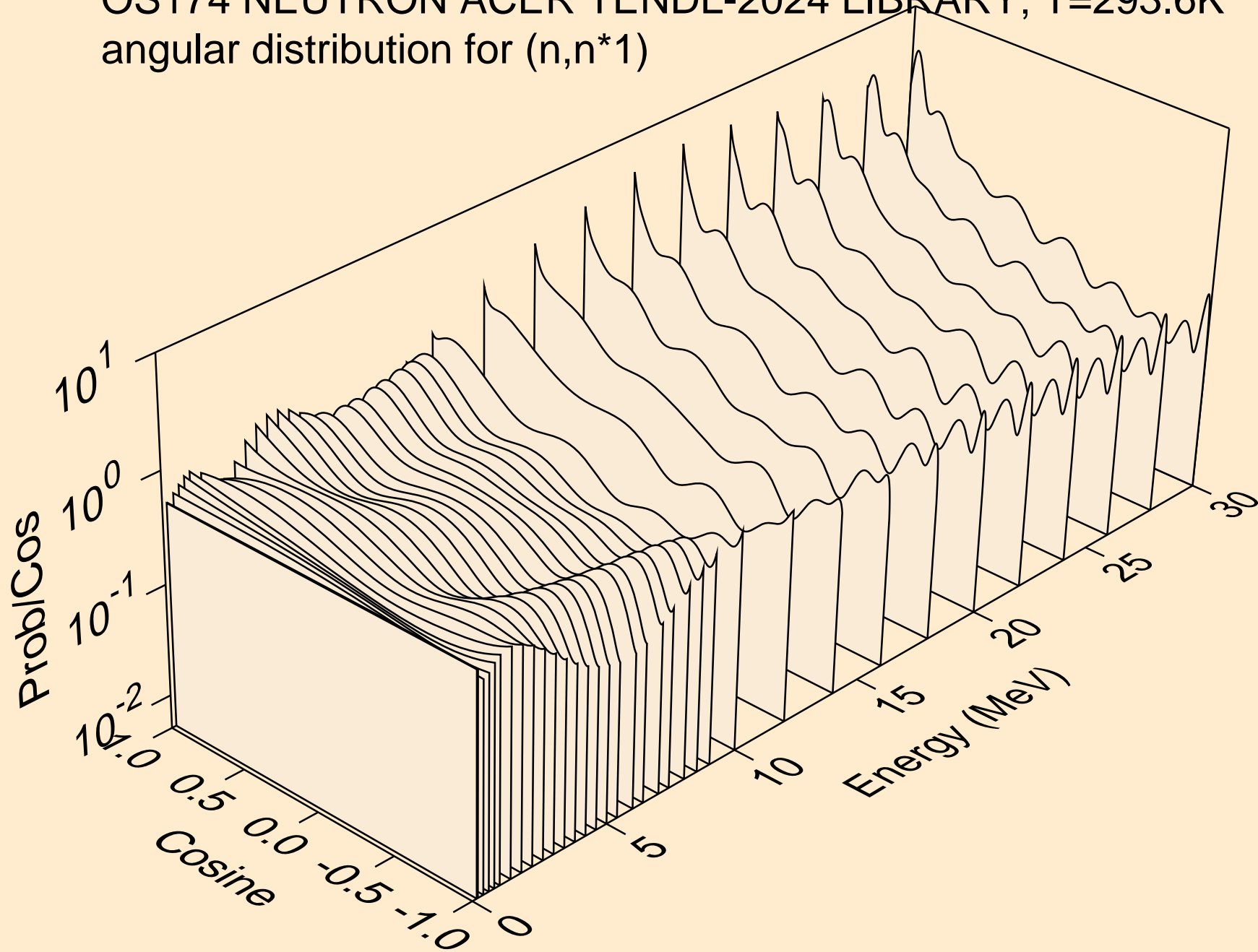
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



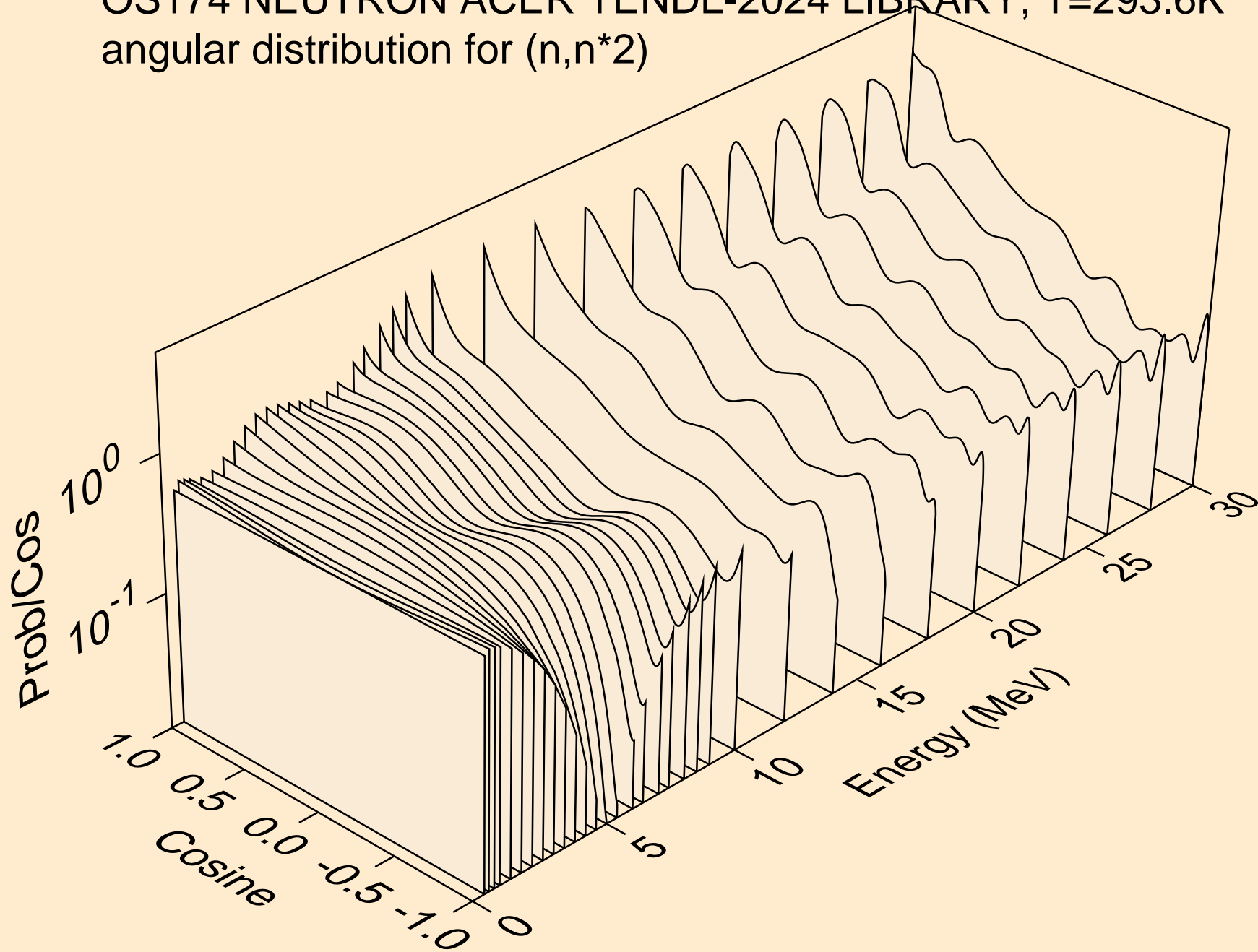
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



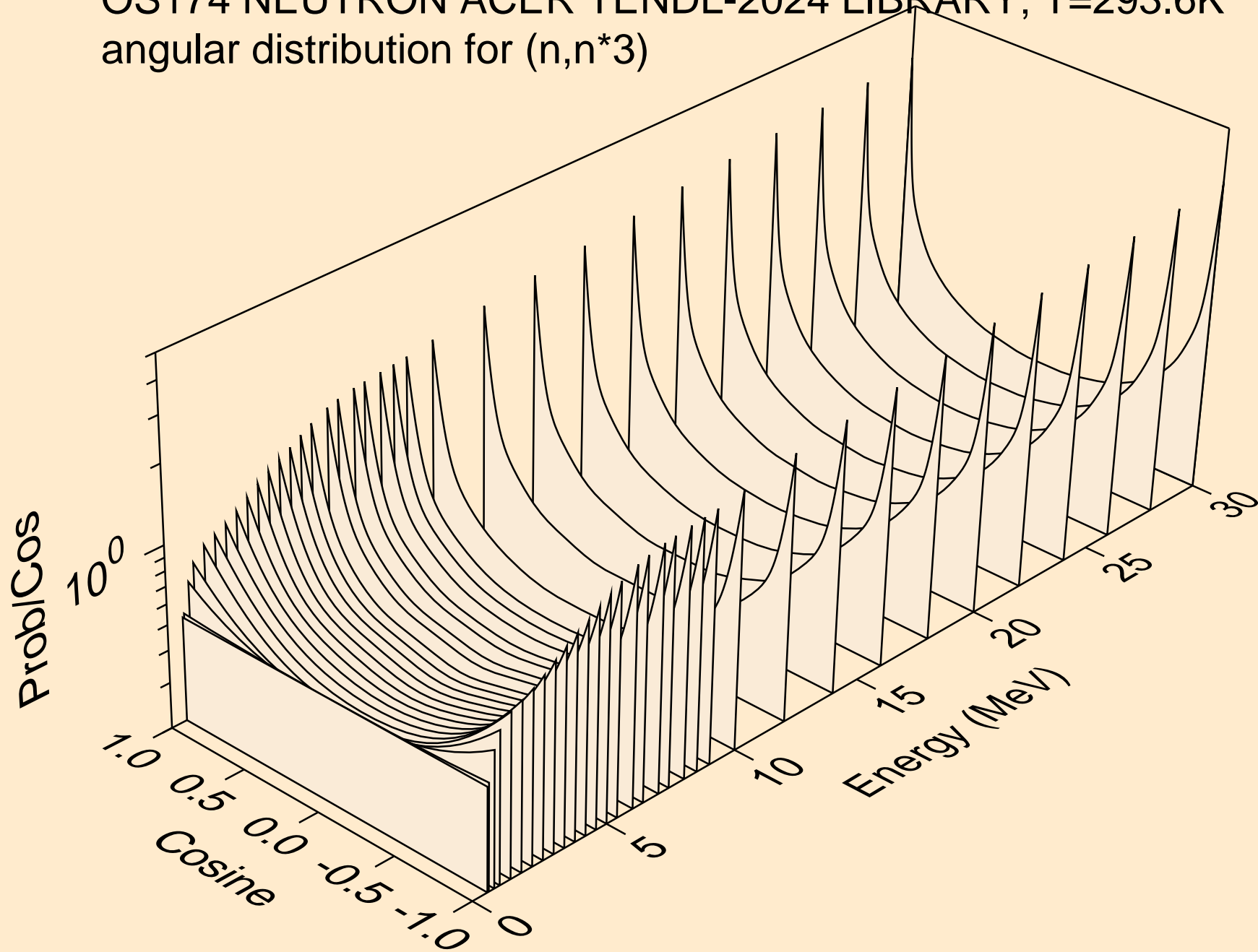
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



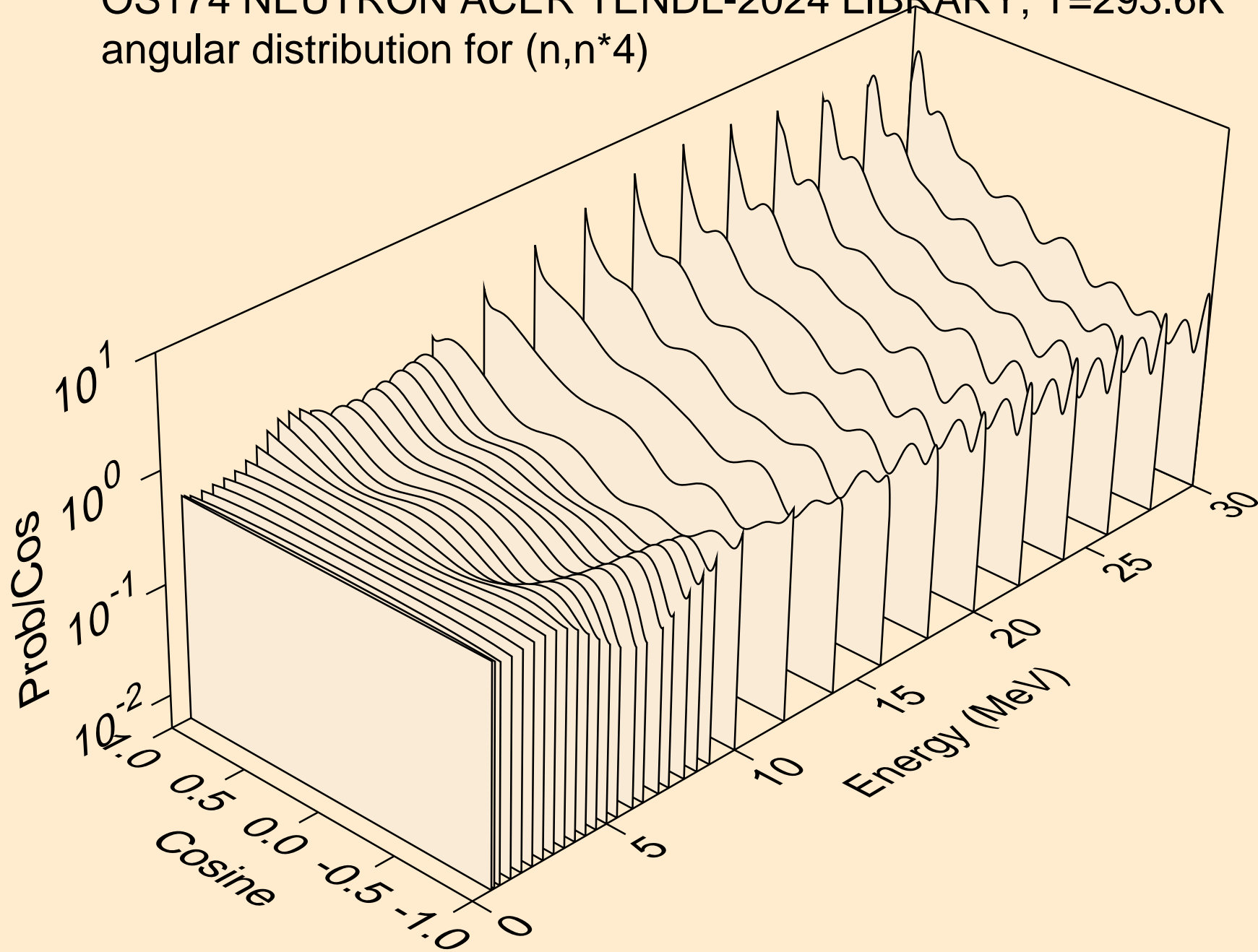
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



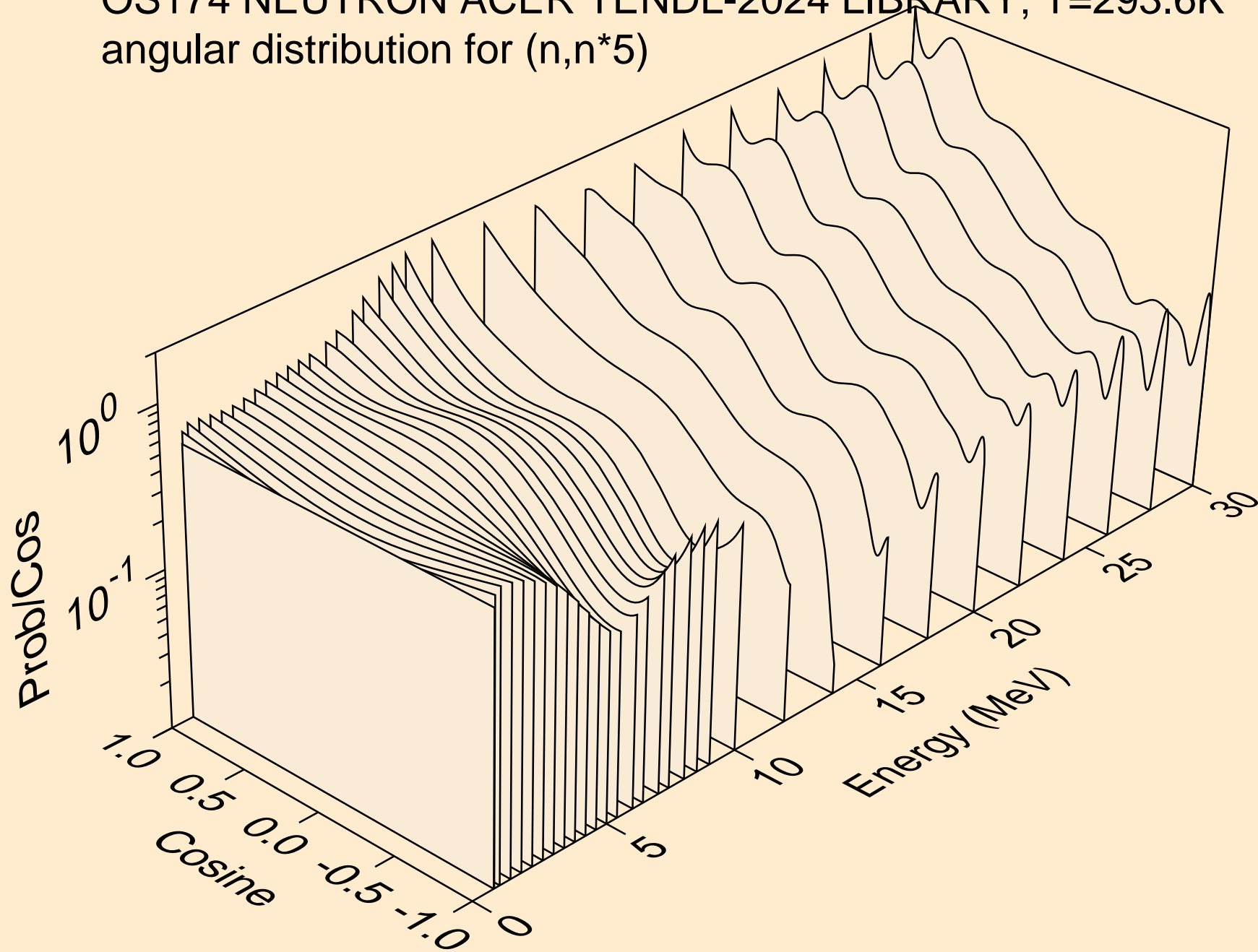
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angular distribution for (n,n\*3)



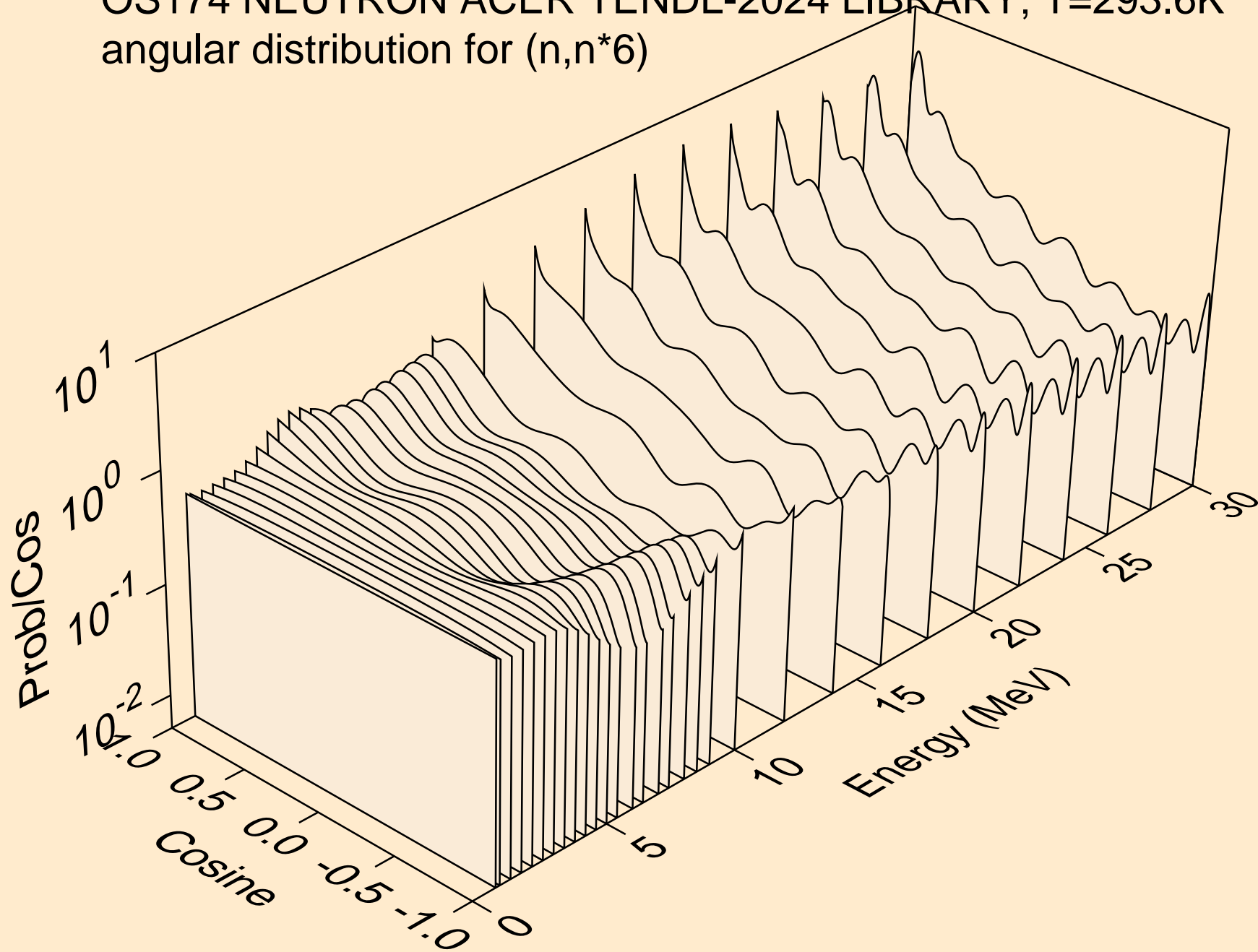
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angular distribution for (n,n\*4)



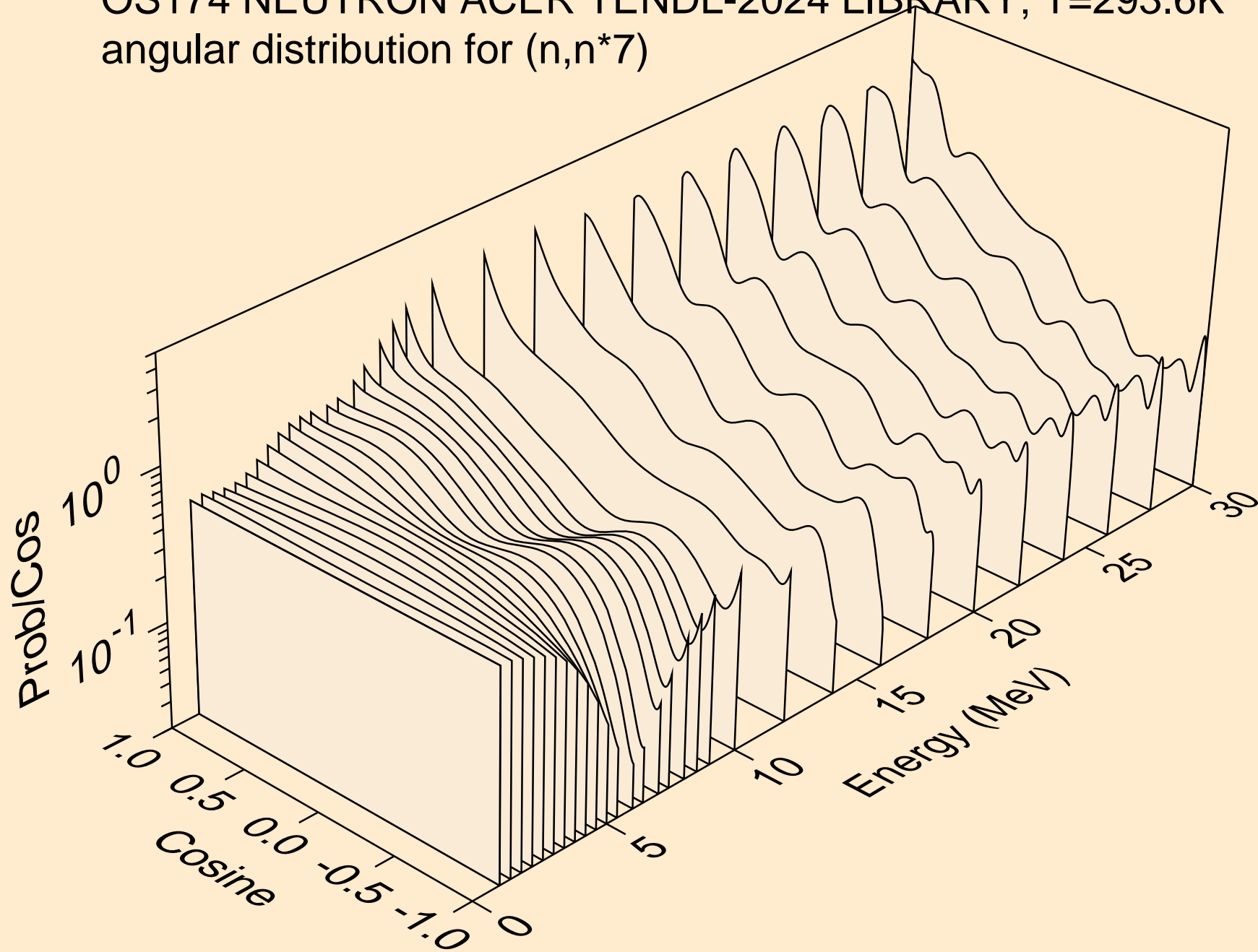
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angular distribution for (n,n\*5)



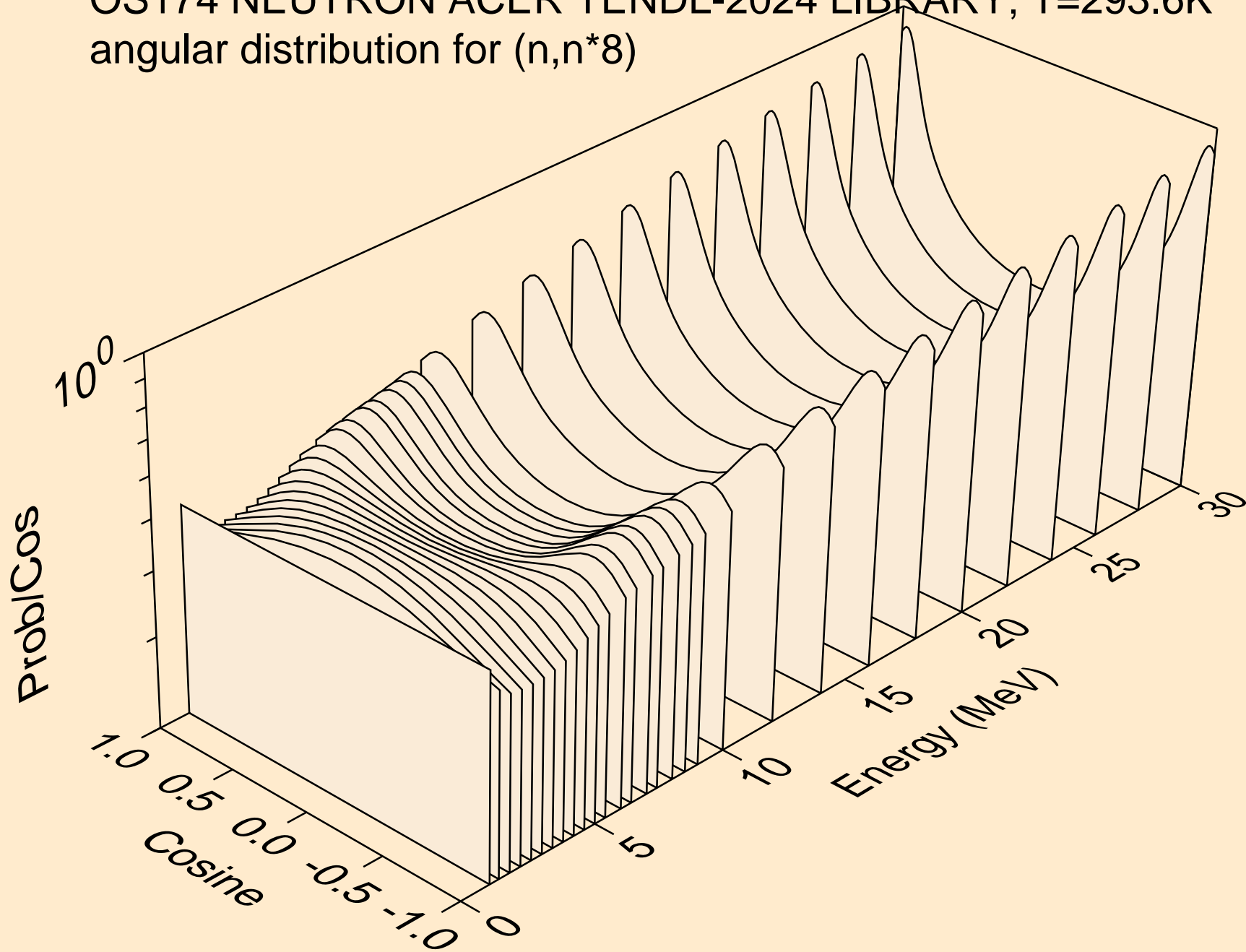
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angular distribution for (n,n\*6)



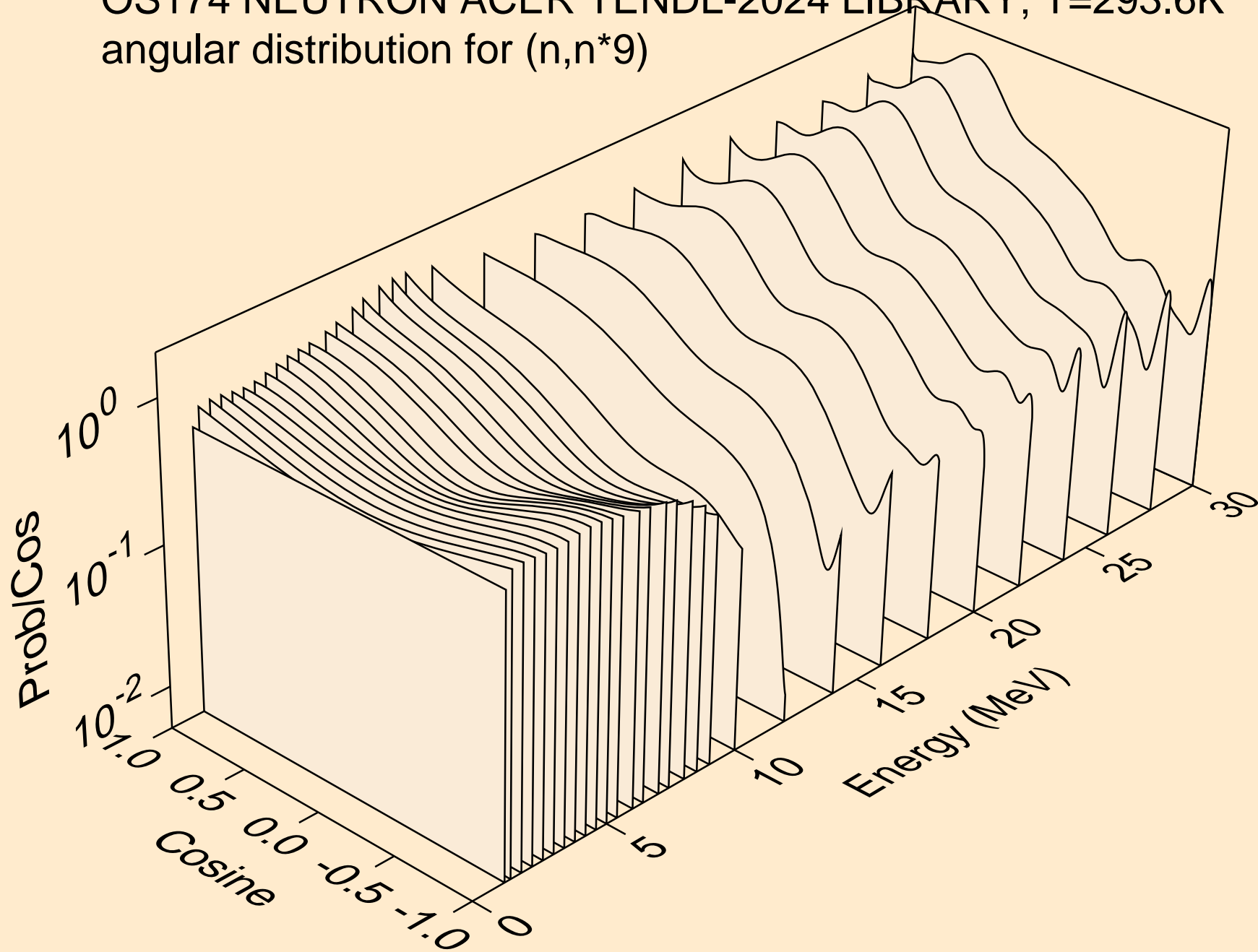
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



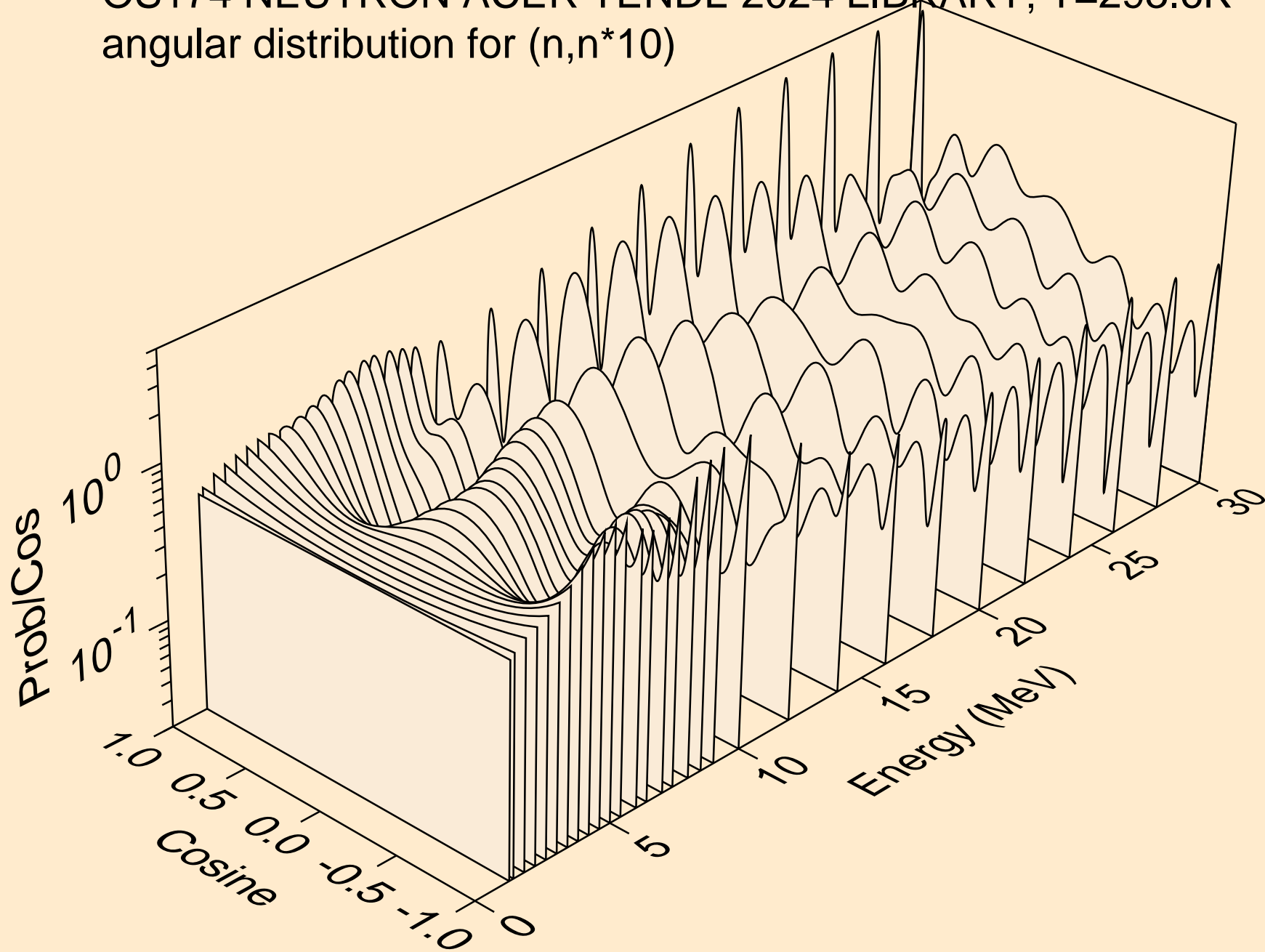
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



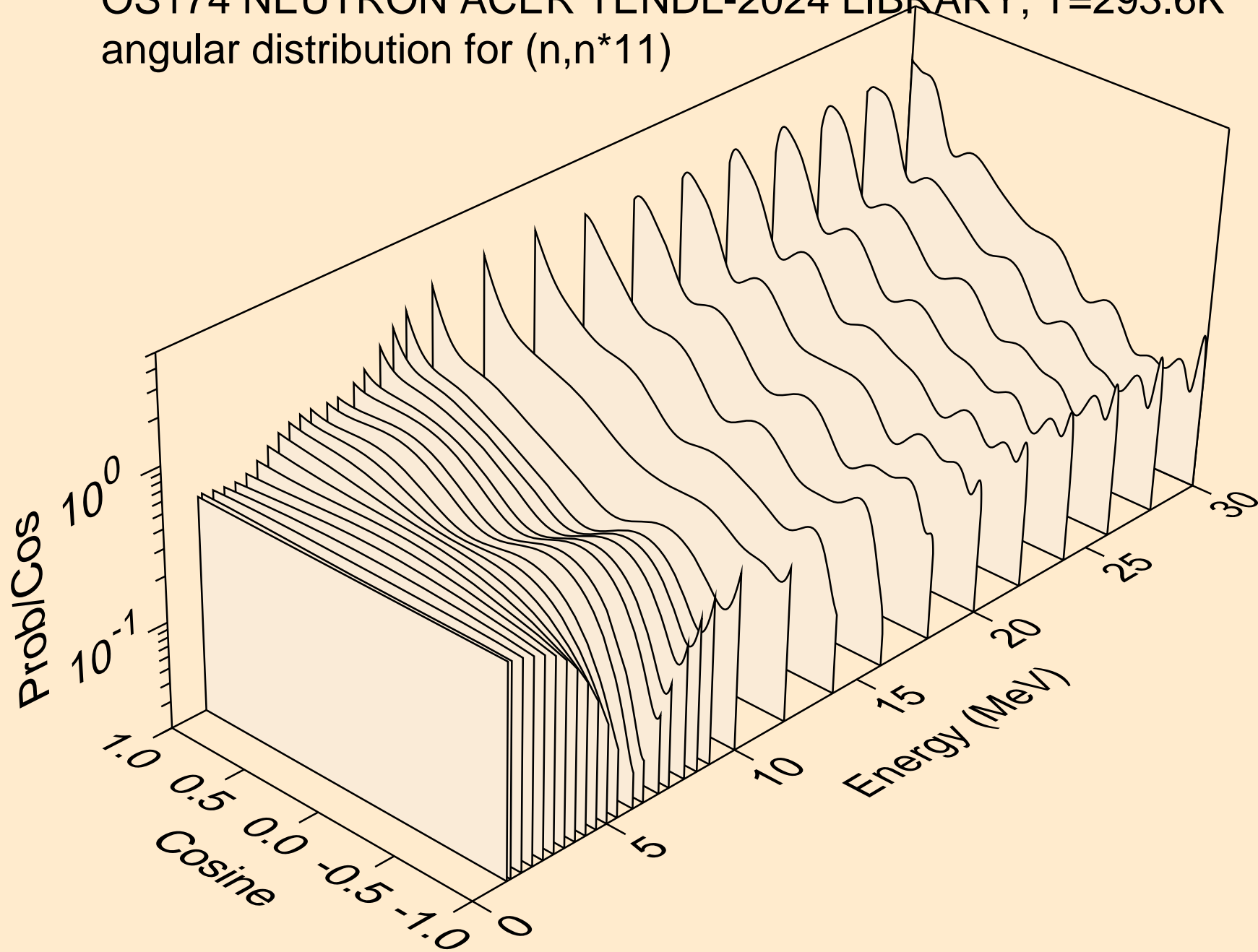
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angular distribution for (n,n\*9)



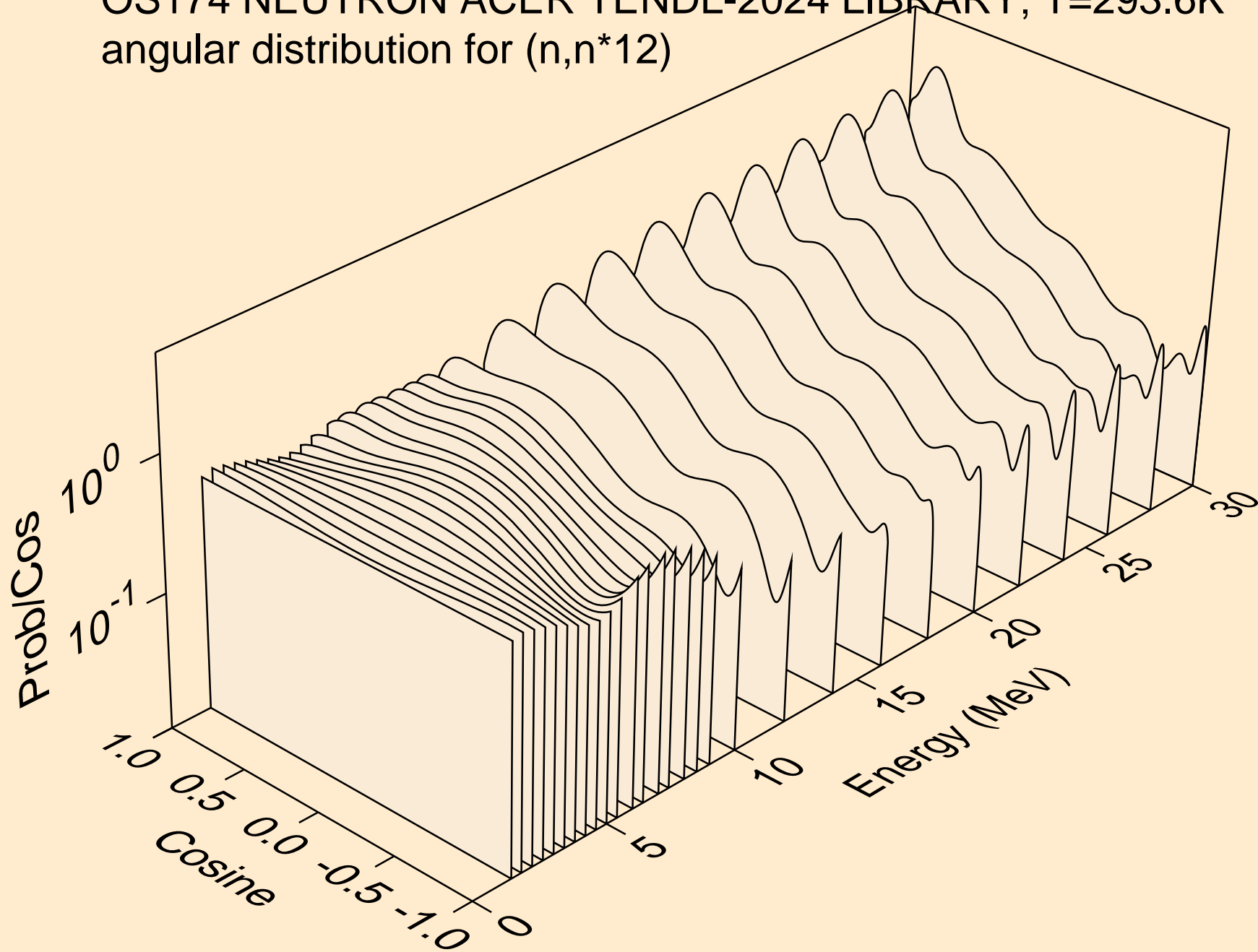
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angular distribution for (n,n\*10)



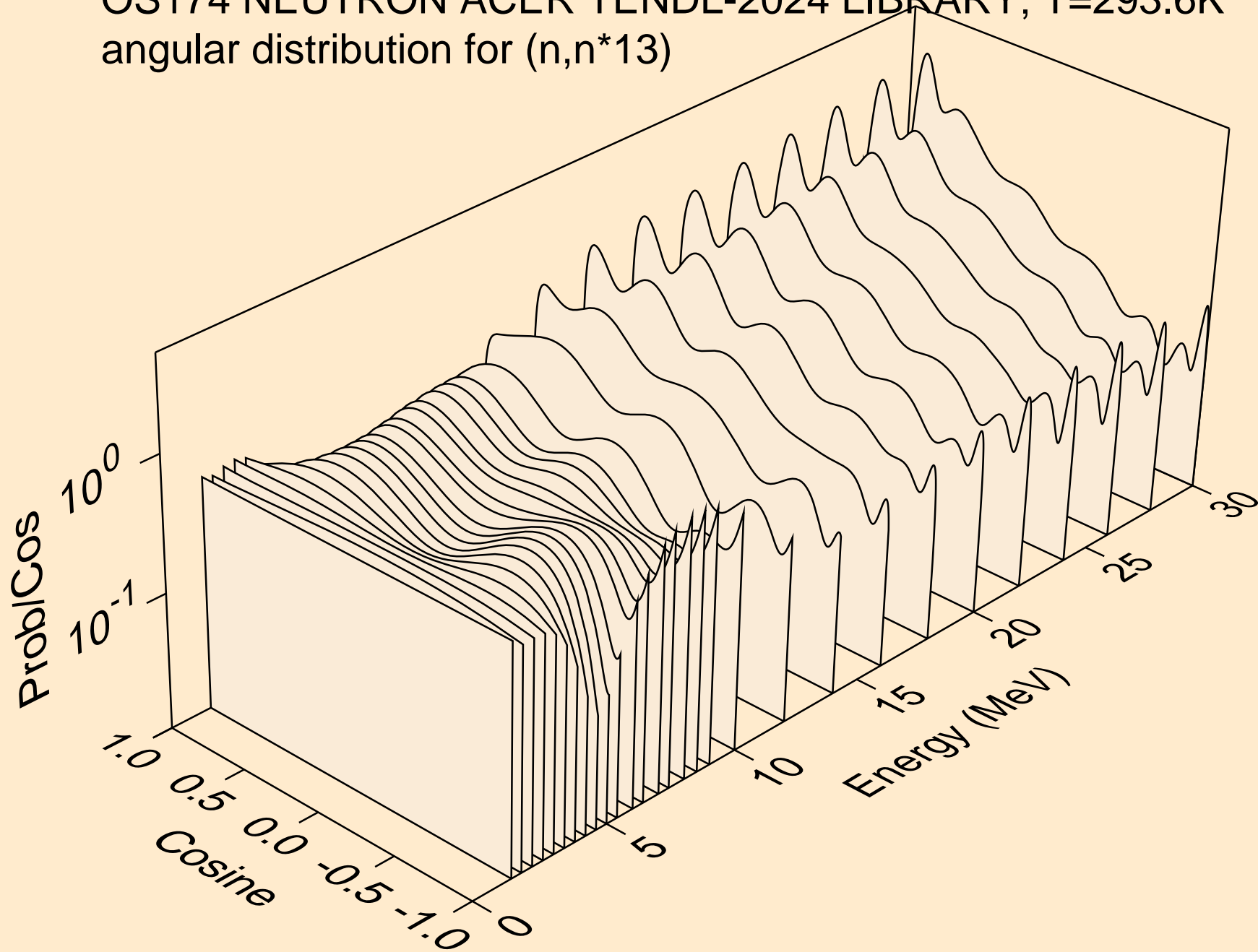
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angular distribution for (n,n\*11)



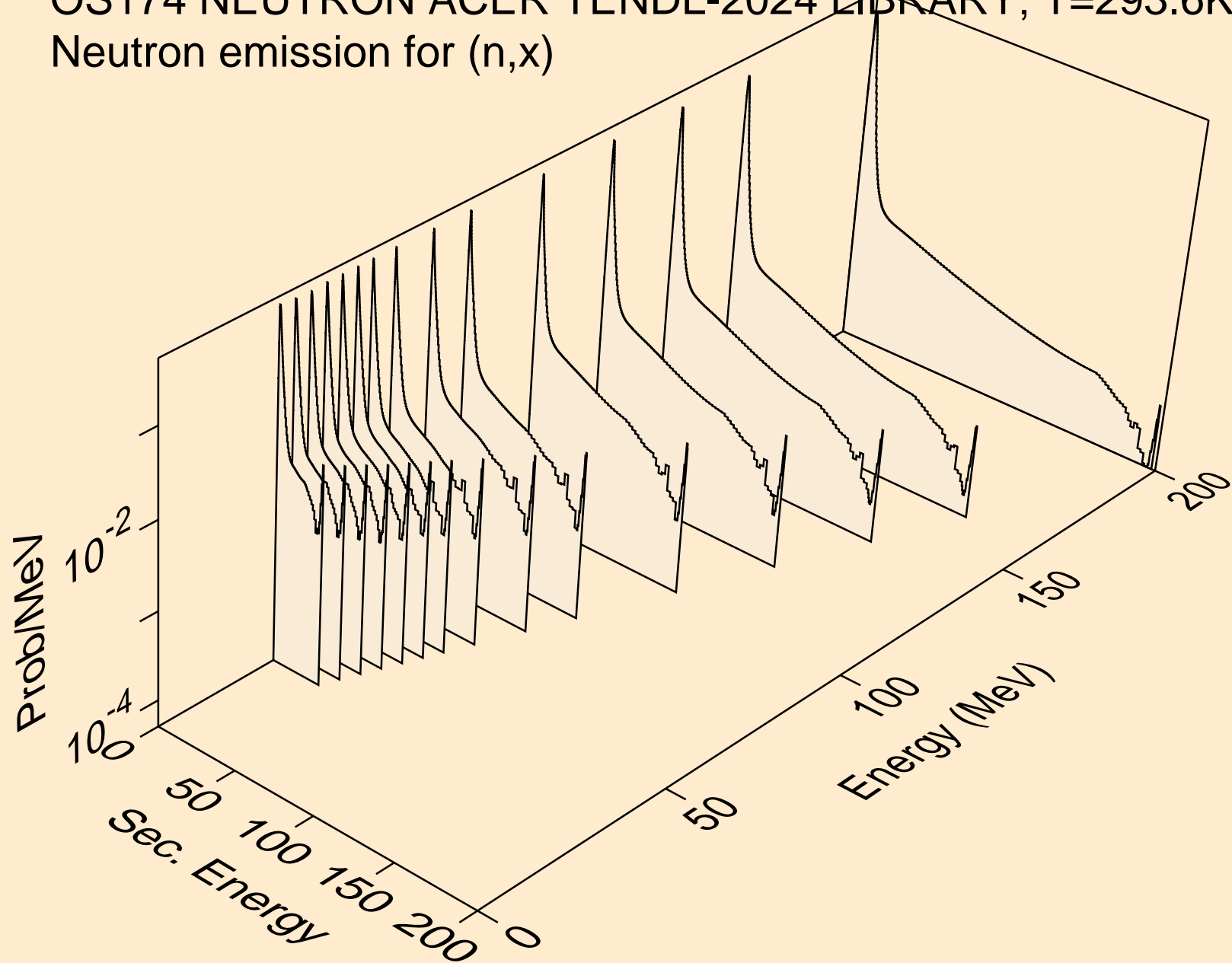
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angular distribution for (n,n\*12)



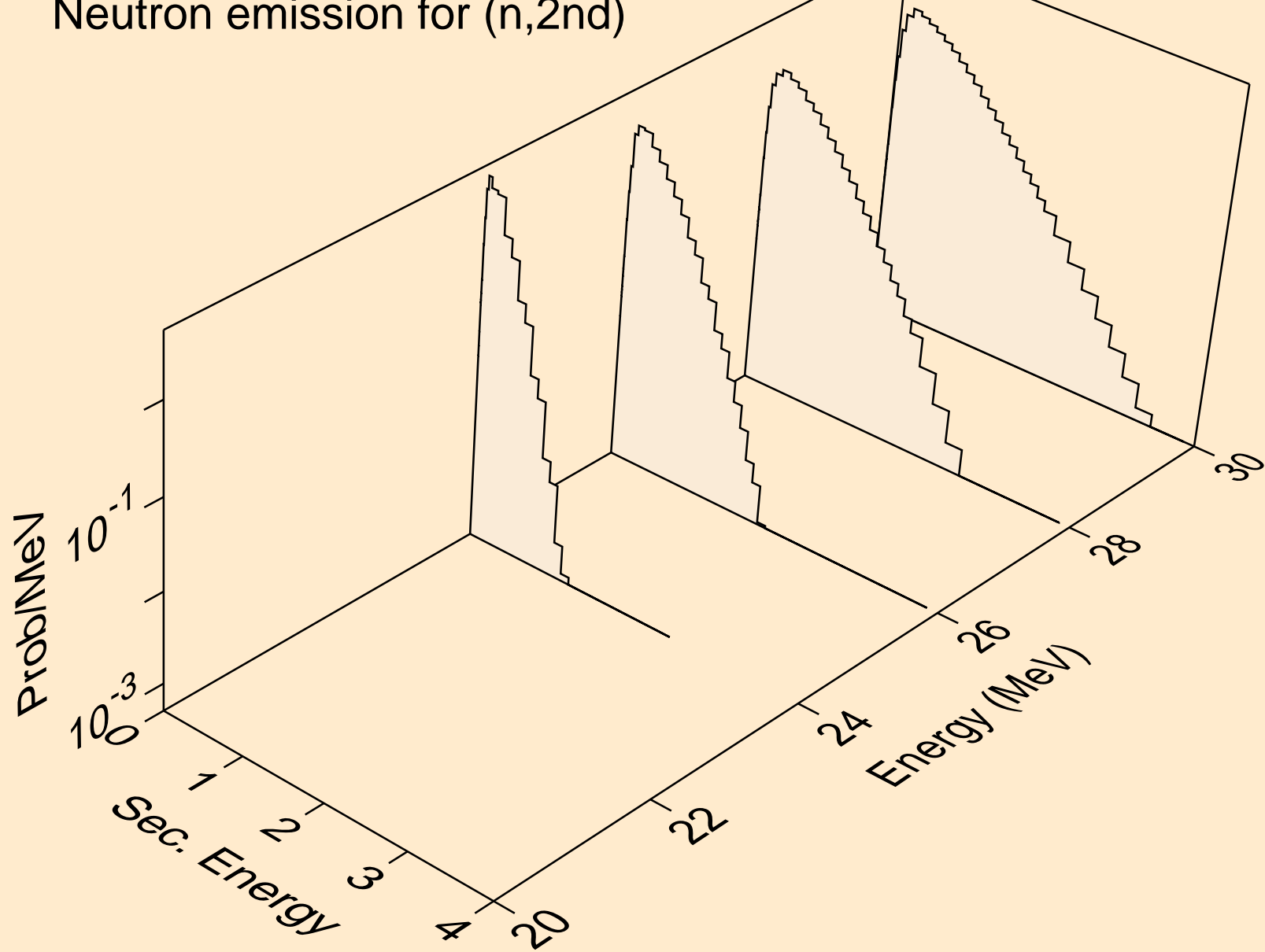
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angular distribution for (n,n\*13)



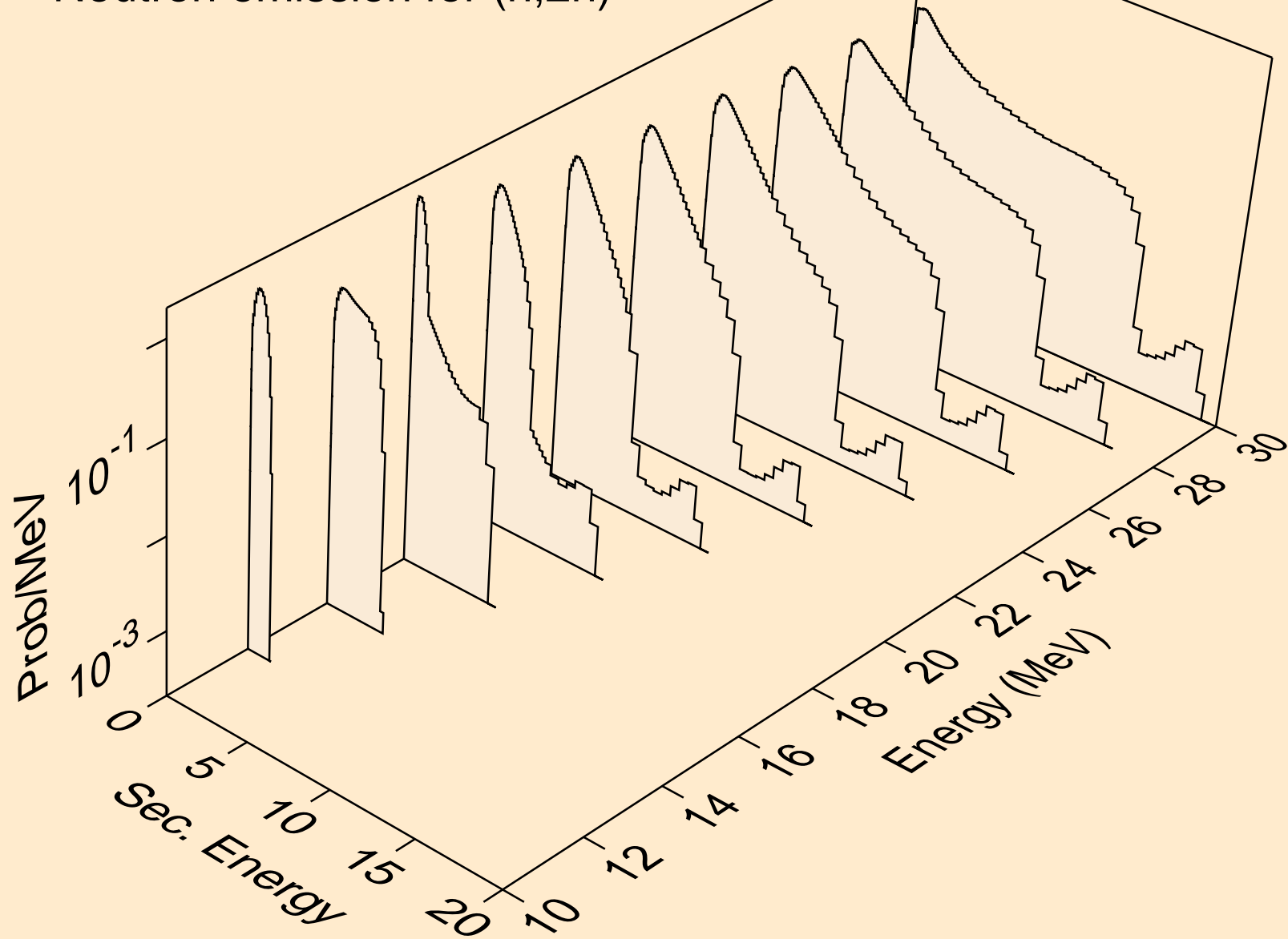
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



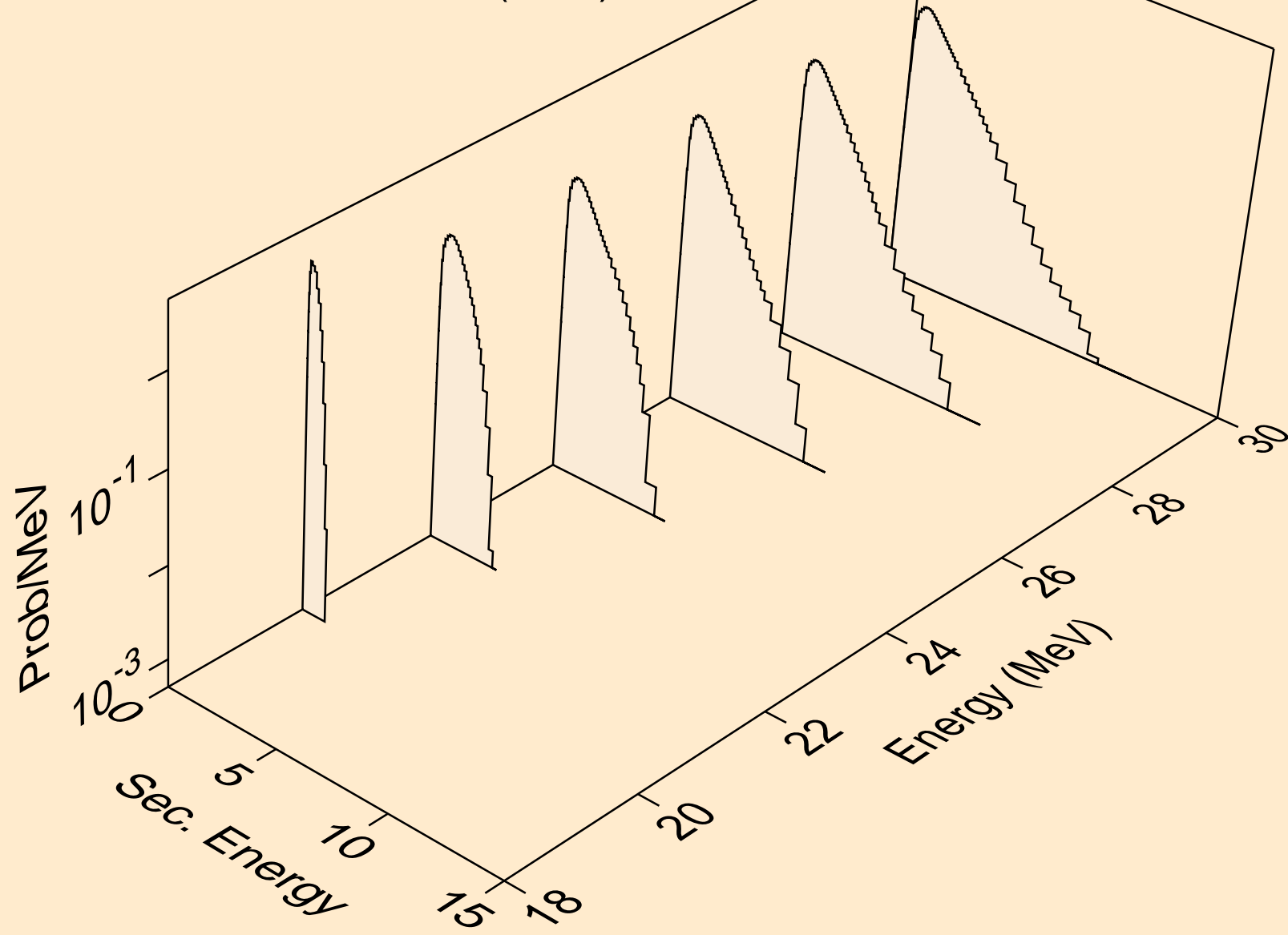
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



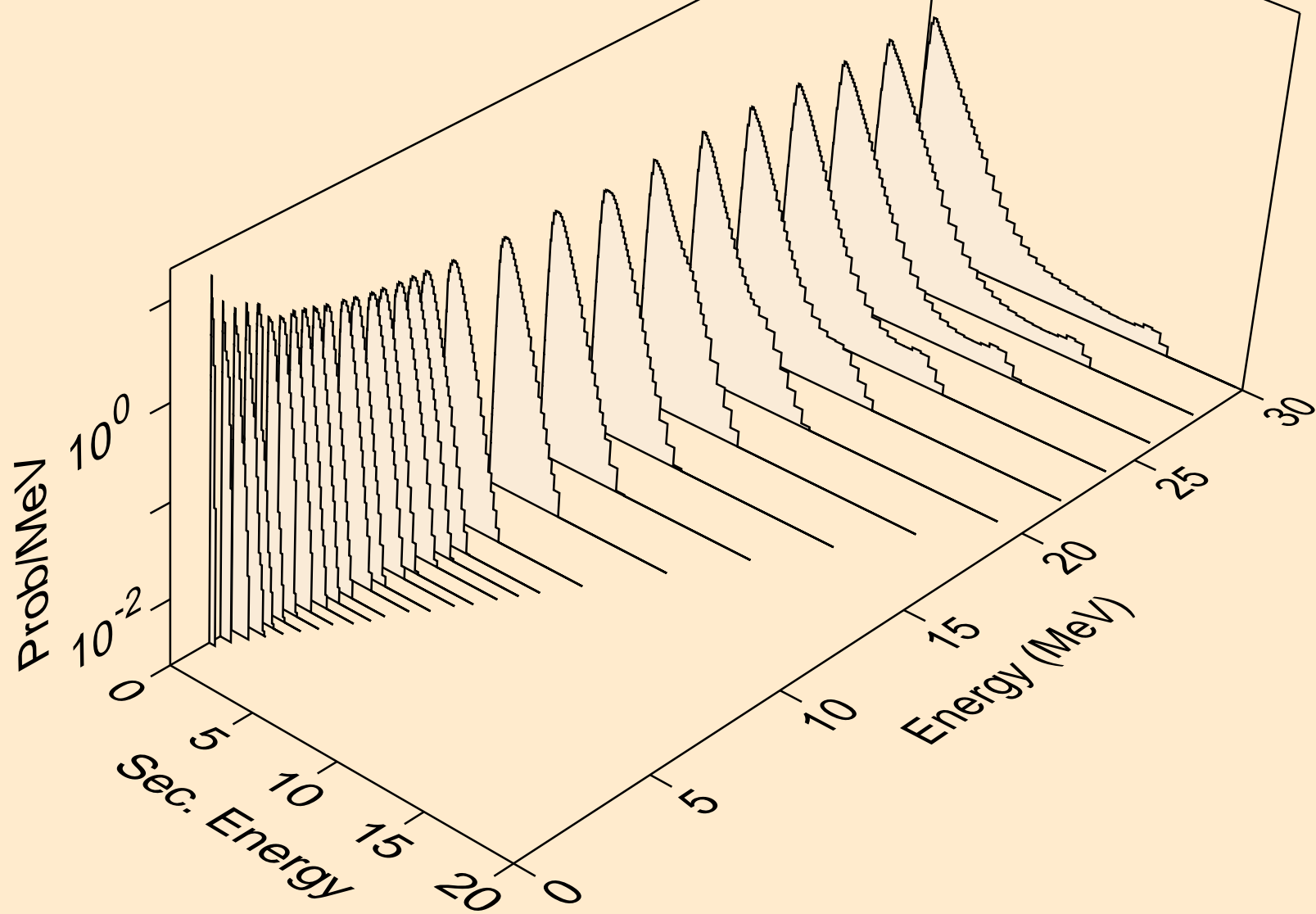
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



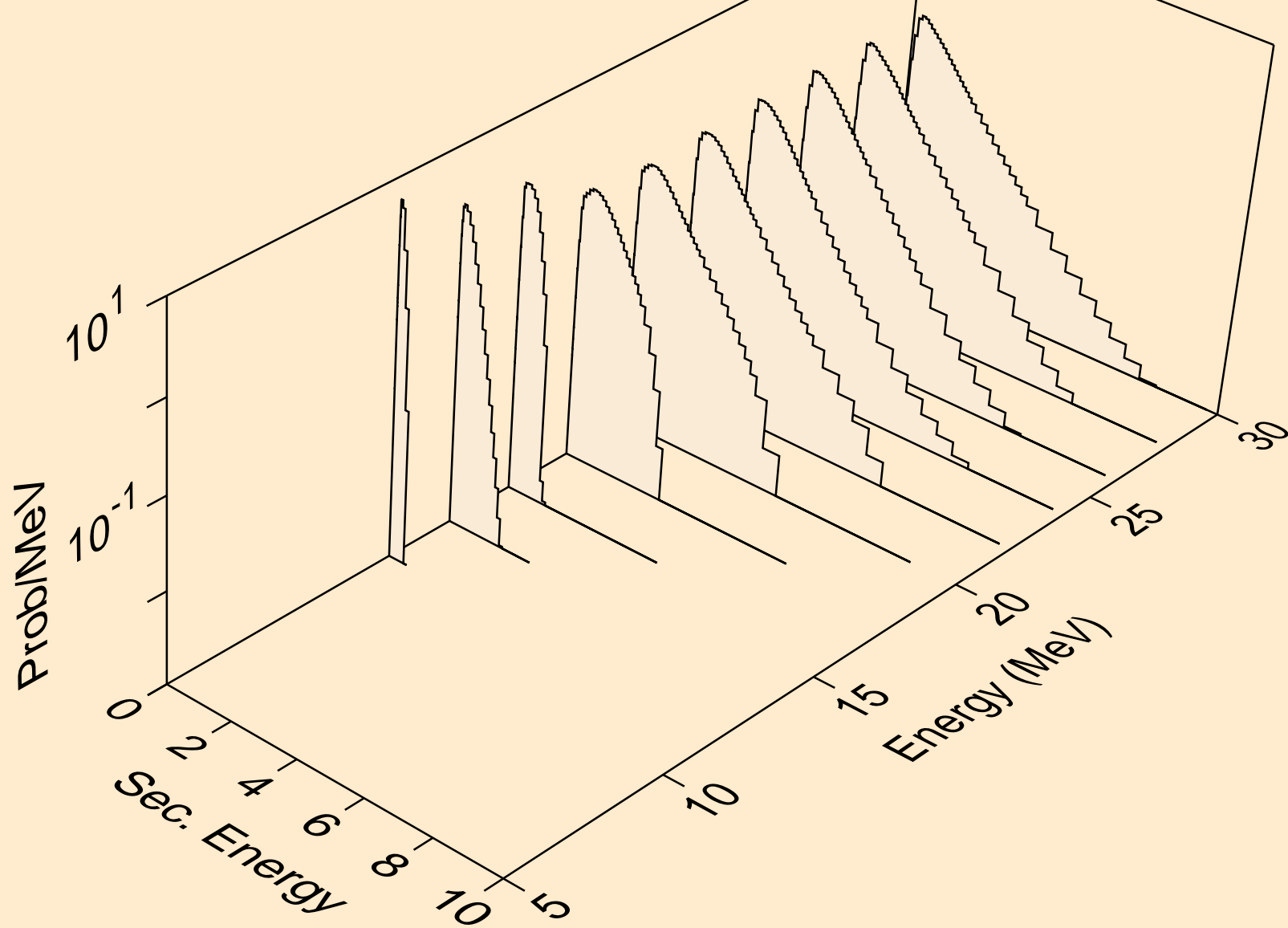
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



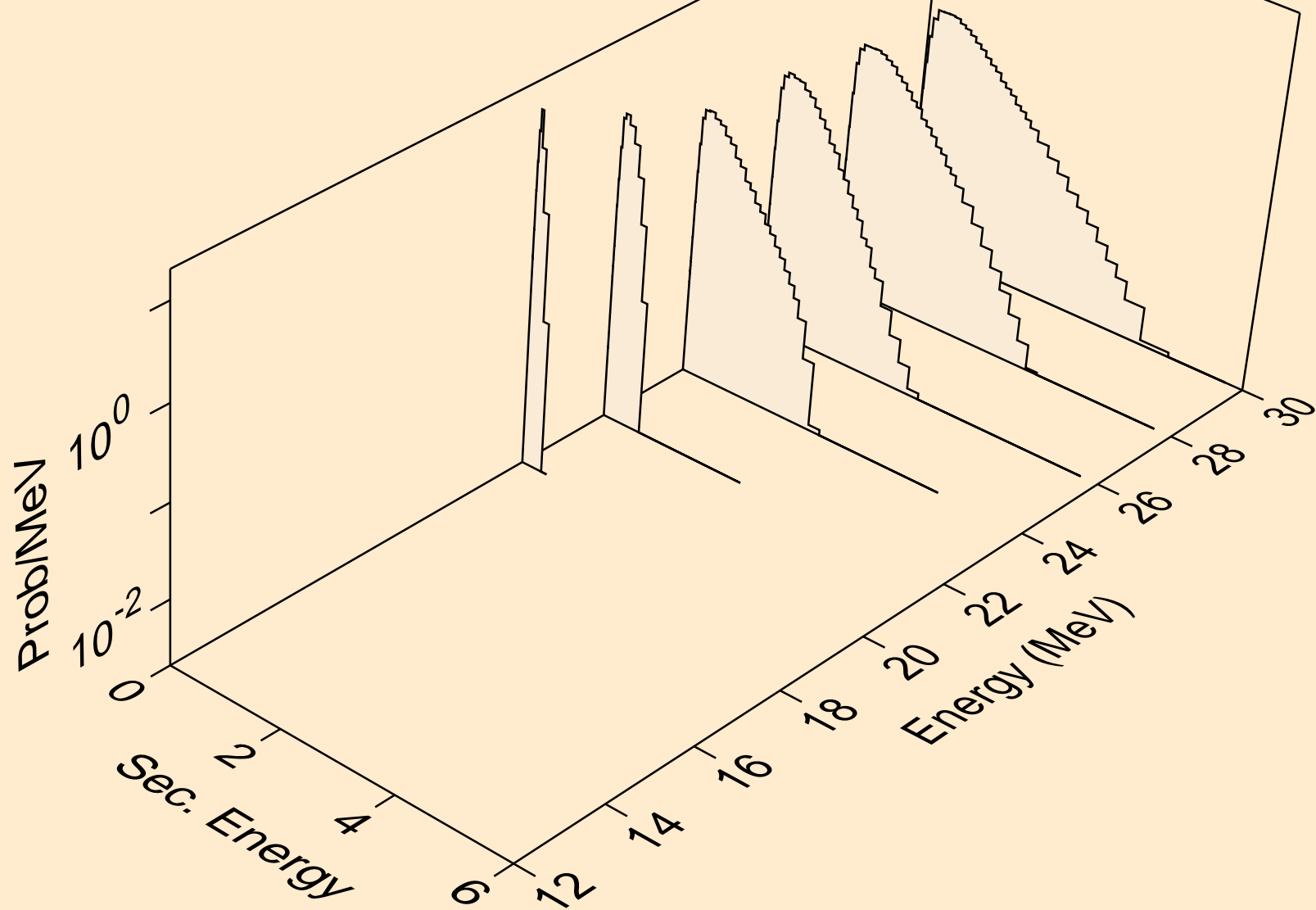
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Neutron emission for (n,n\*)a



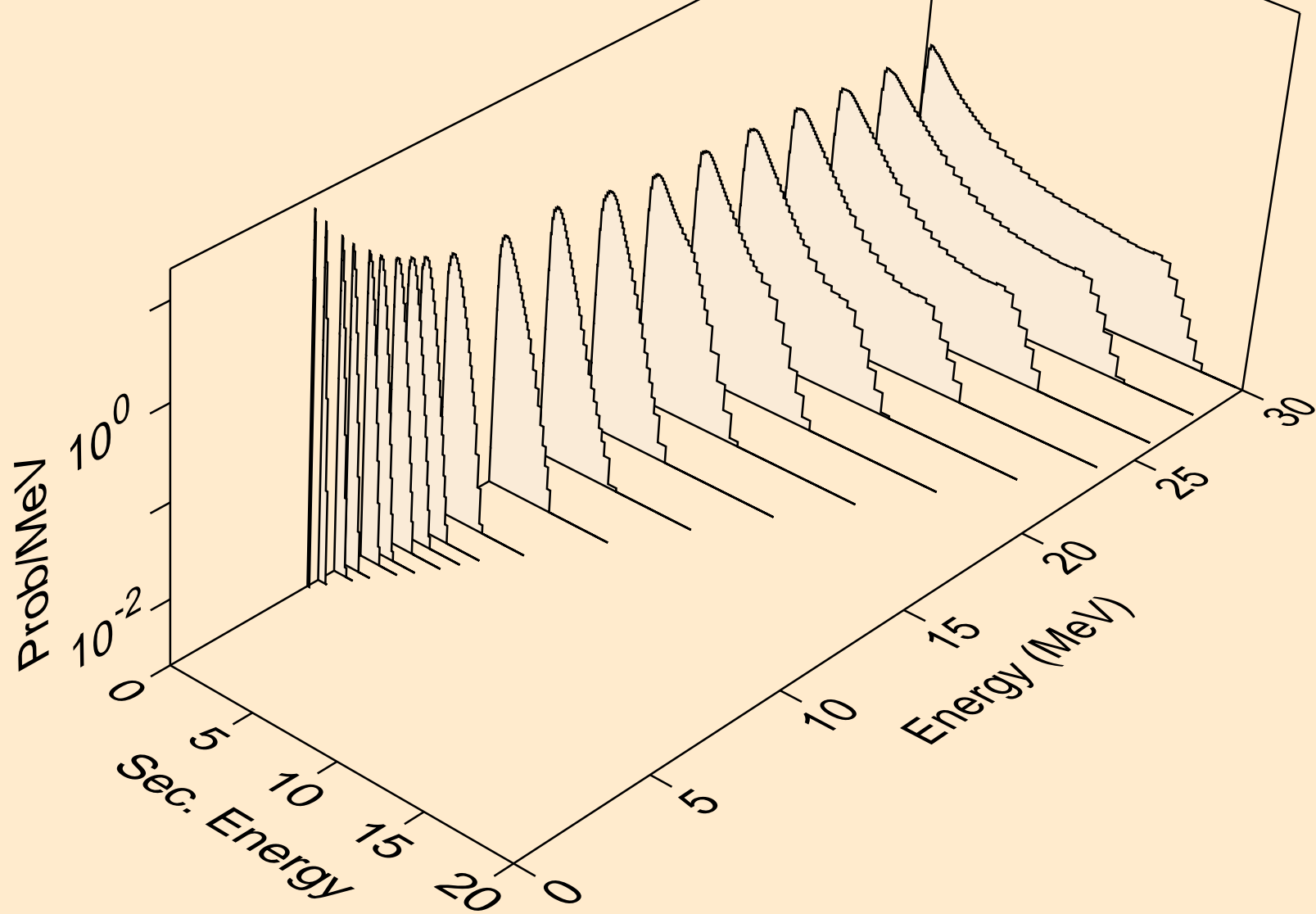
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Neutron emission for (n,2n)a



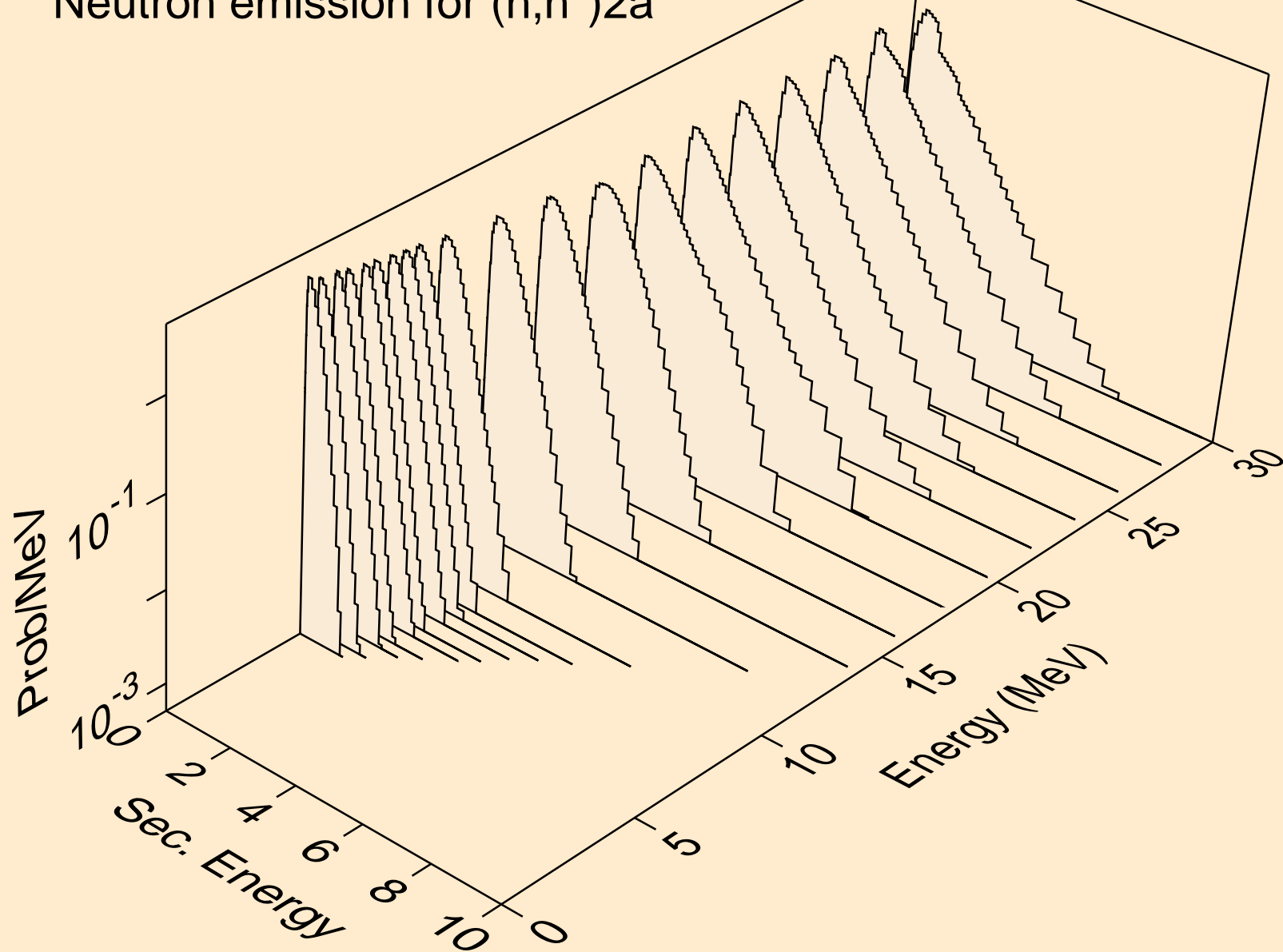
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Neutron emission for (n,3n)a



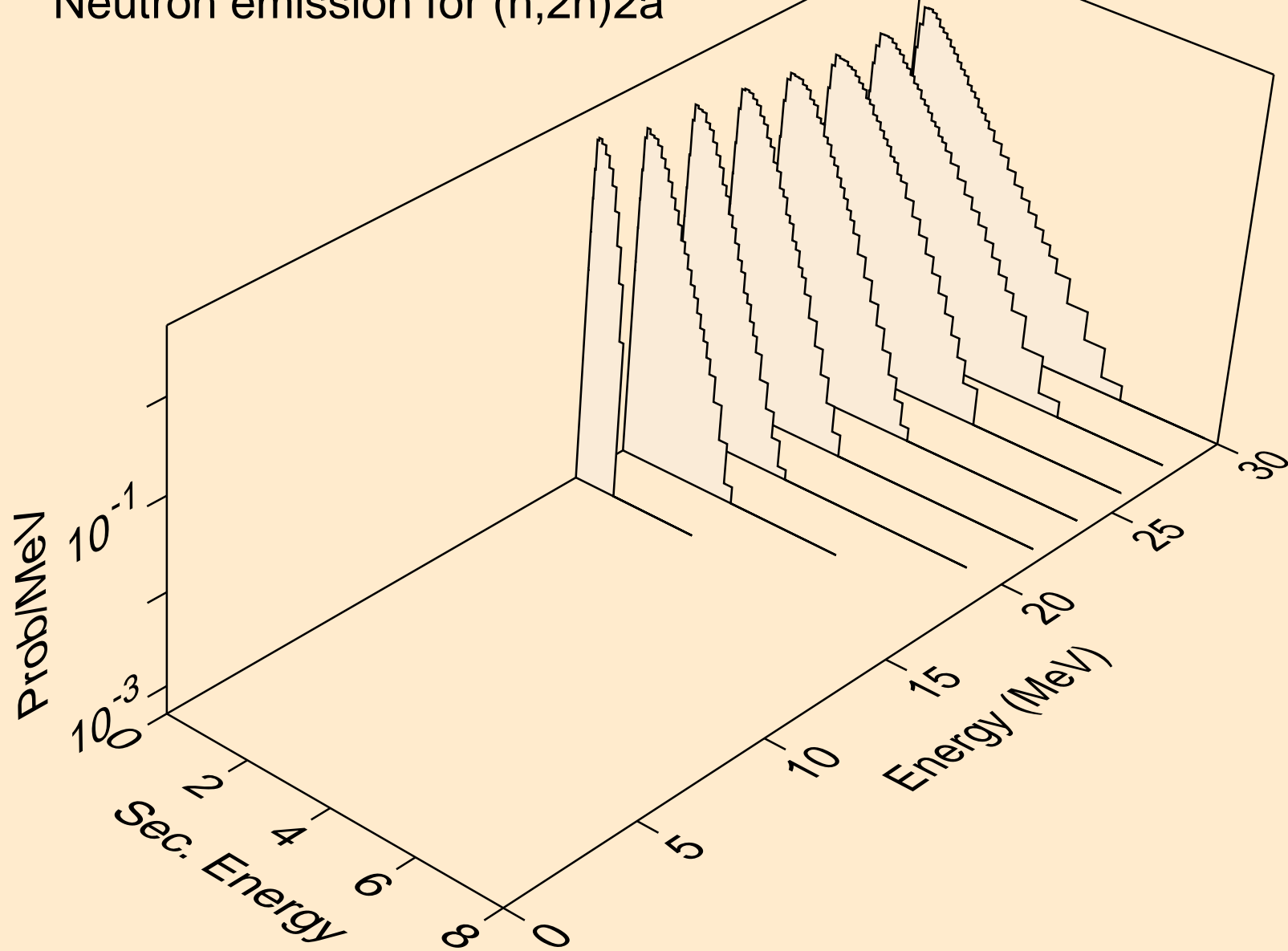
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



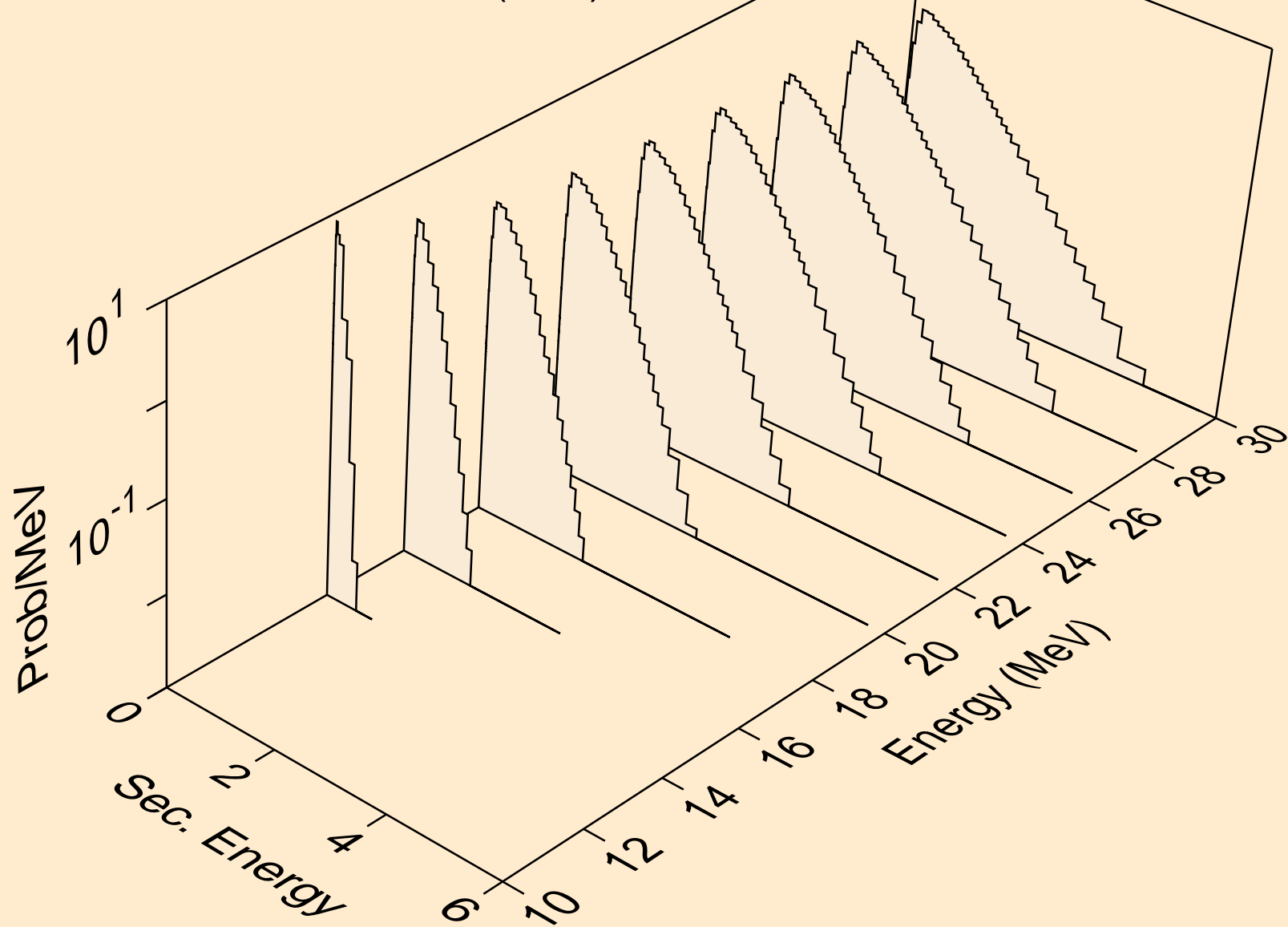
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



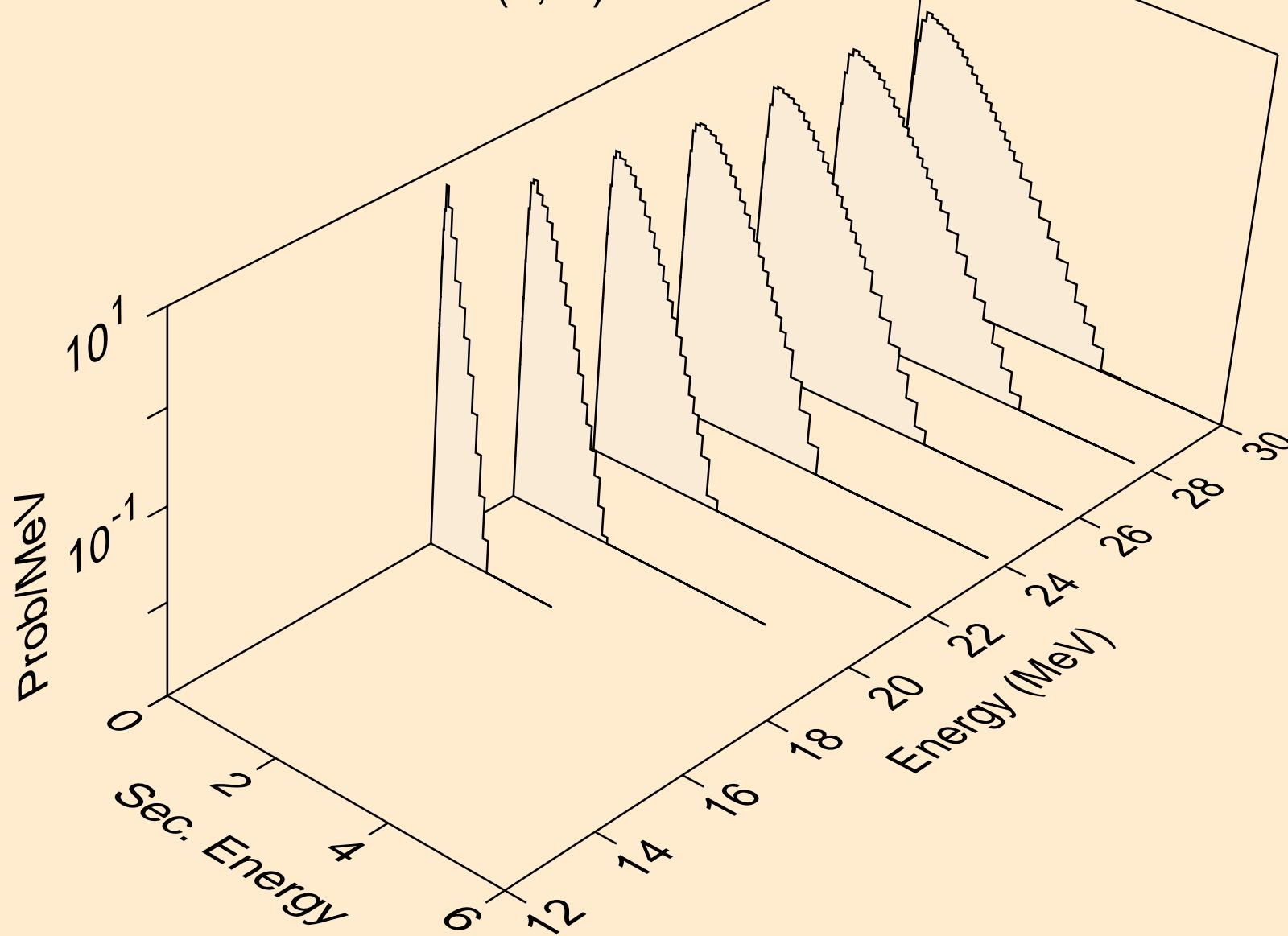
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



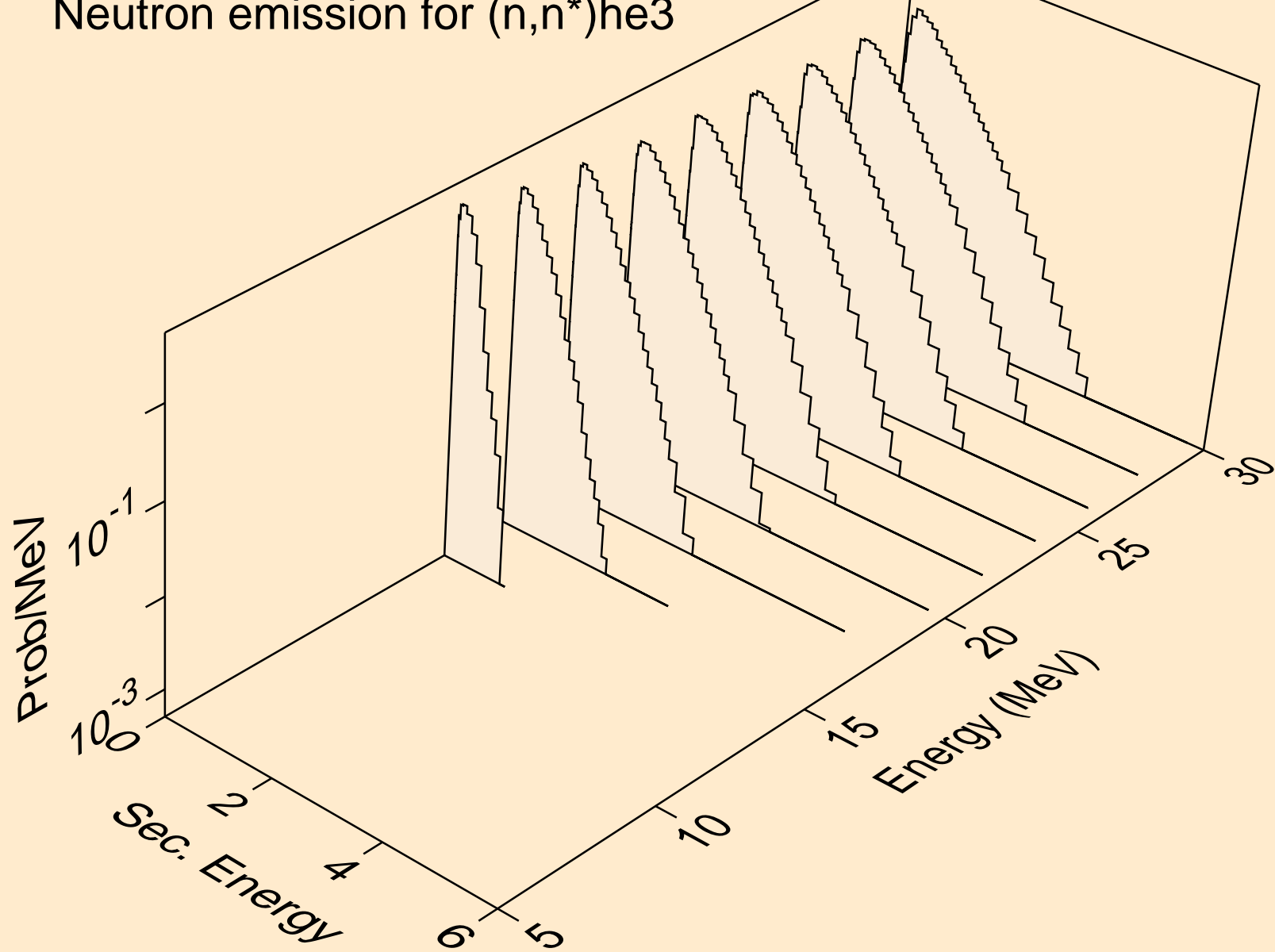
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



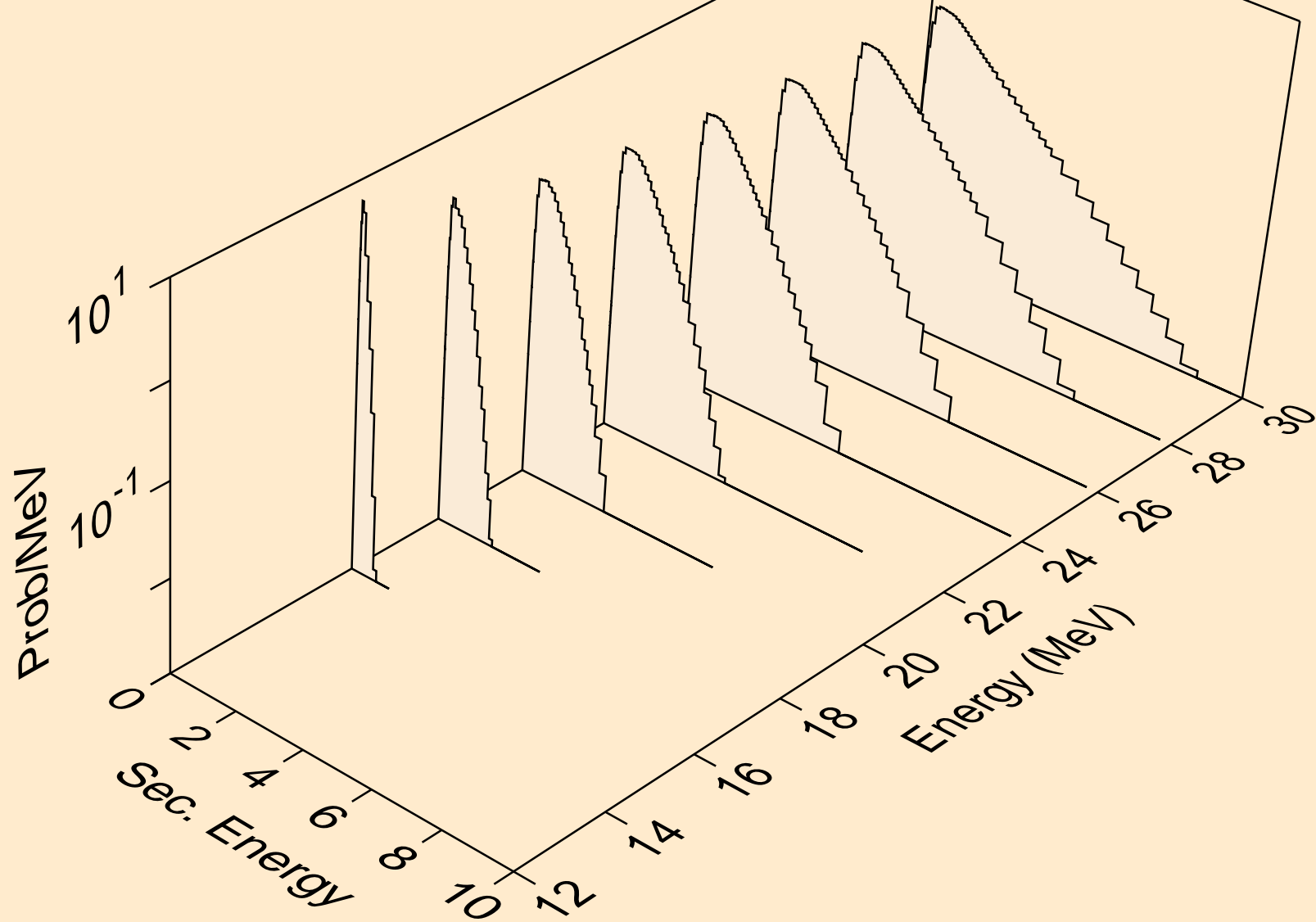
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Neutron emission for (n,n\*)t



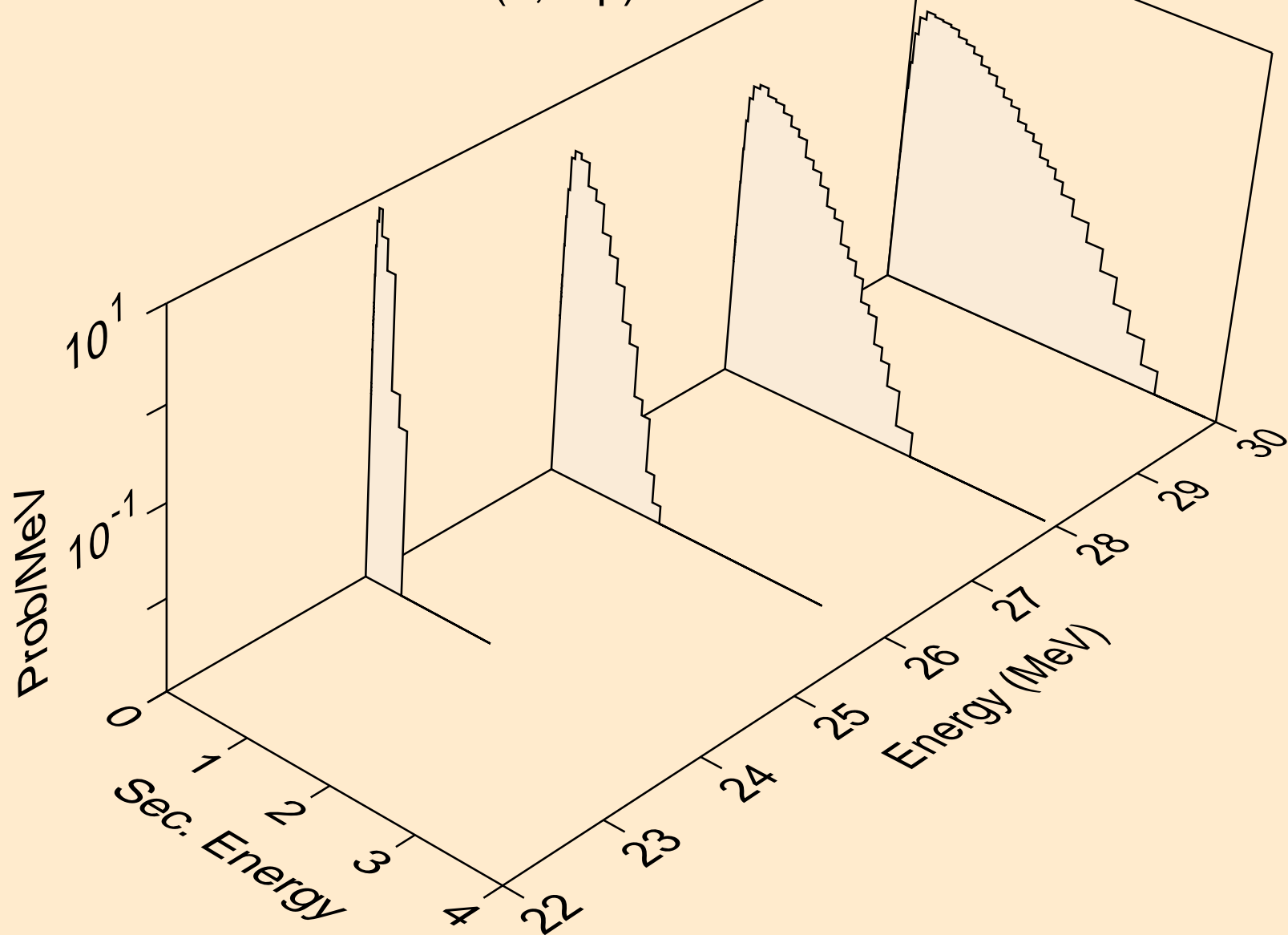
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Neutron emission for (n,n\*)he3



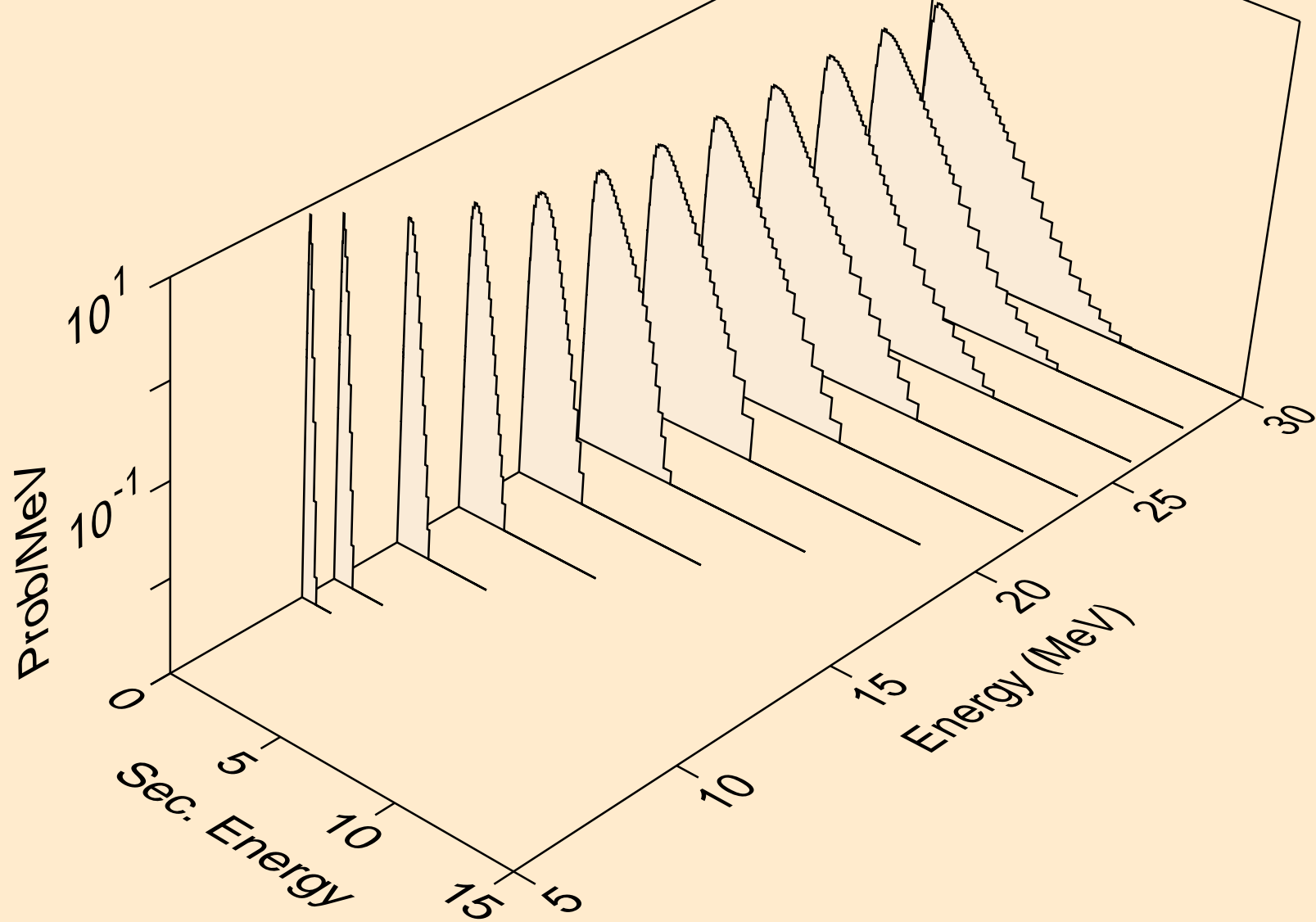
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Neutron emission for (n,2np)



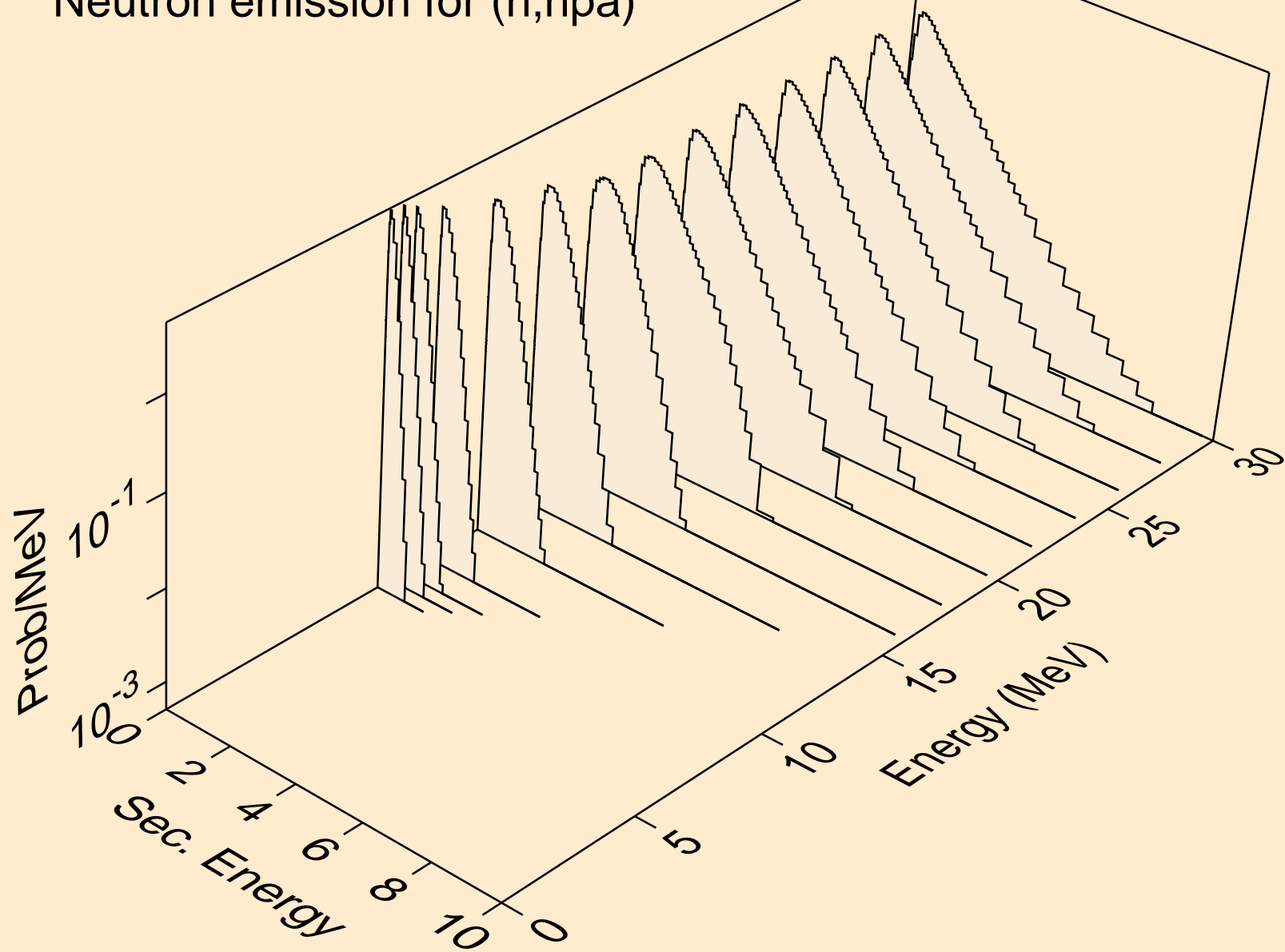
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Neutron emission for (n,3np)



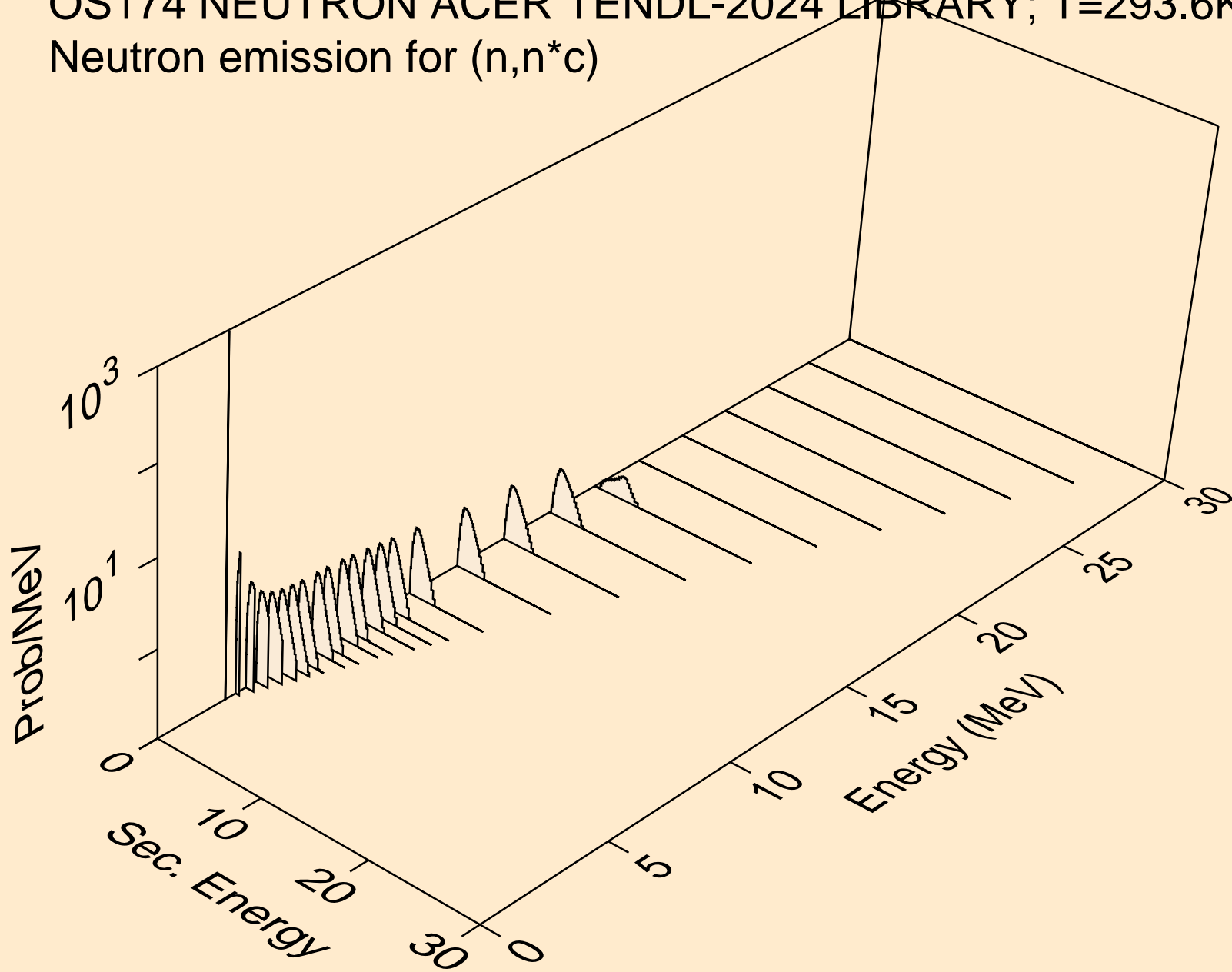
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Neutron emission for (n,n2p)



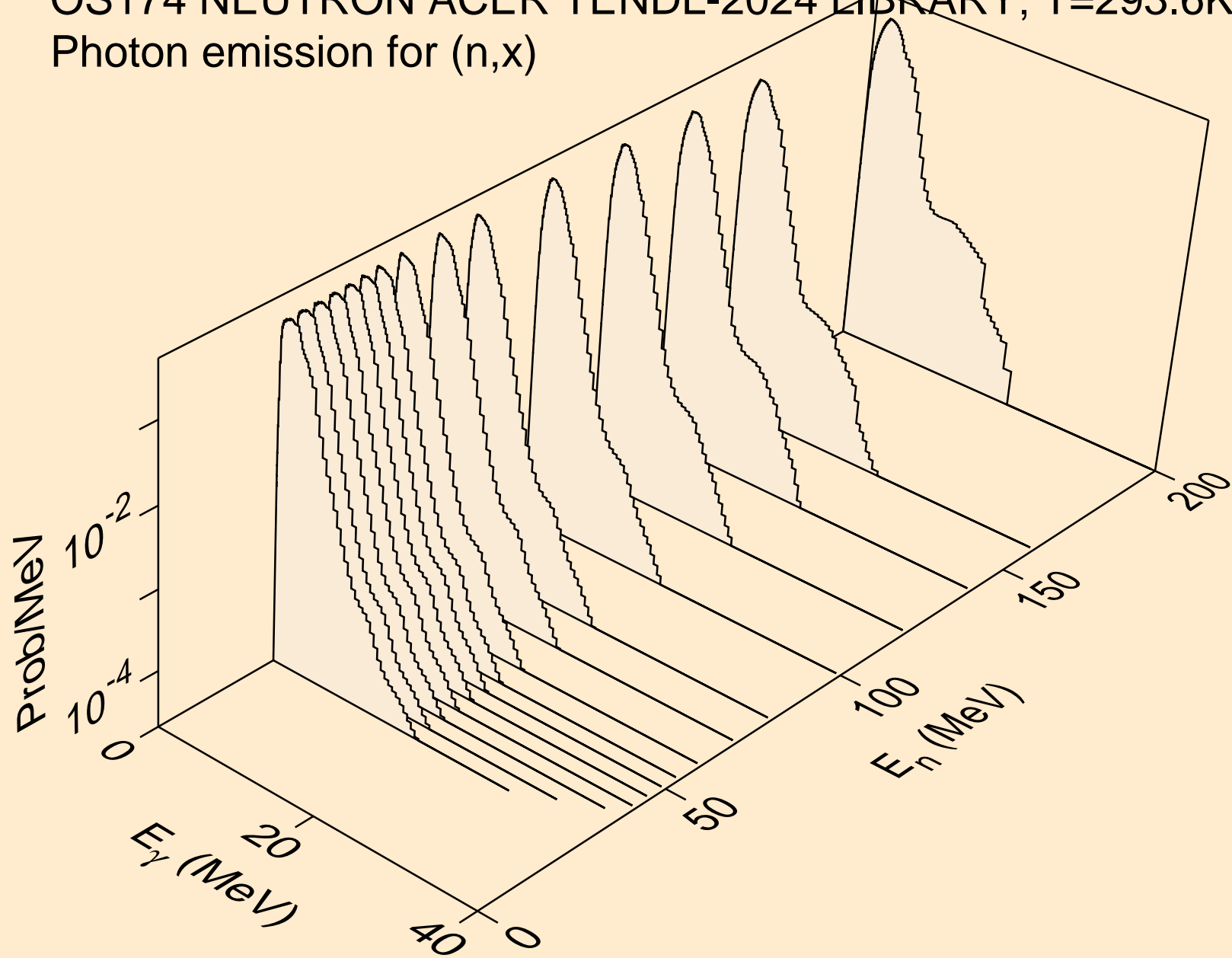
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Neutron emission for (n,npa)



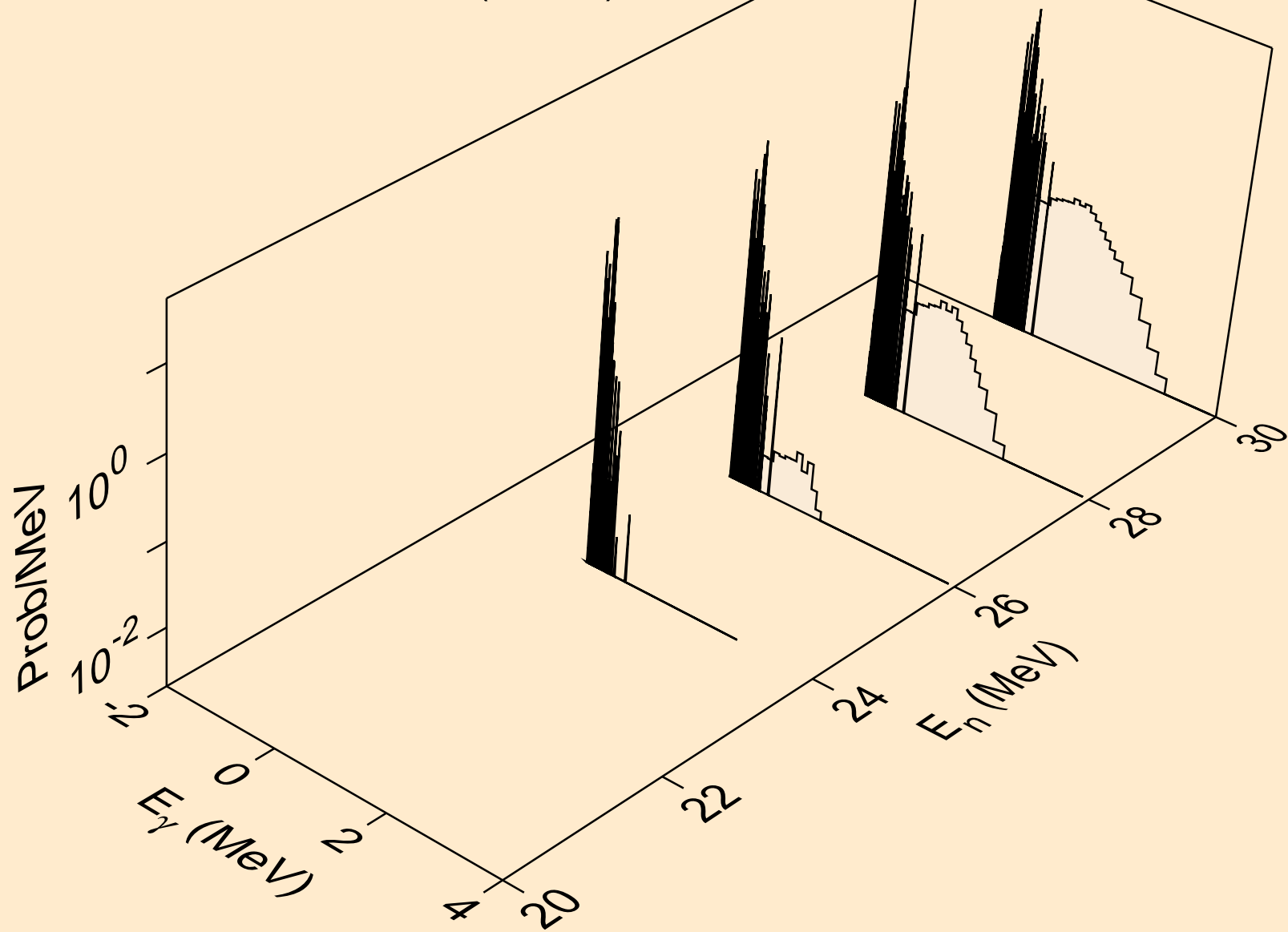
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Neutron emission for (n,n\*c)



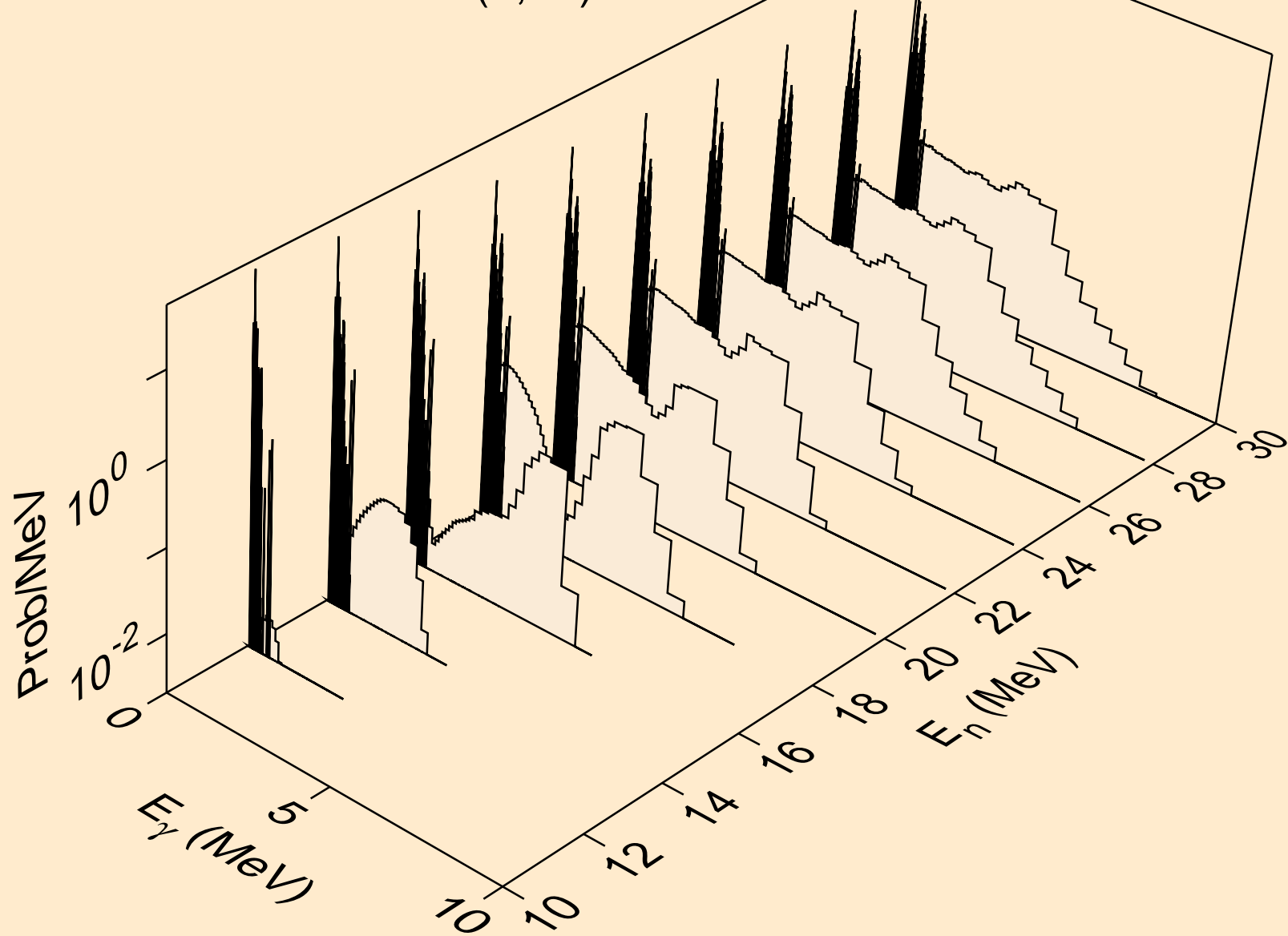
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



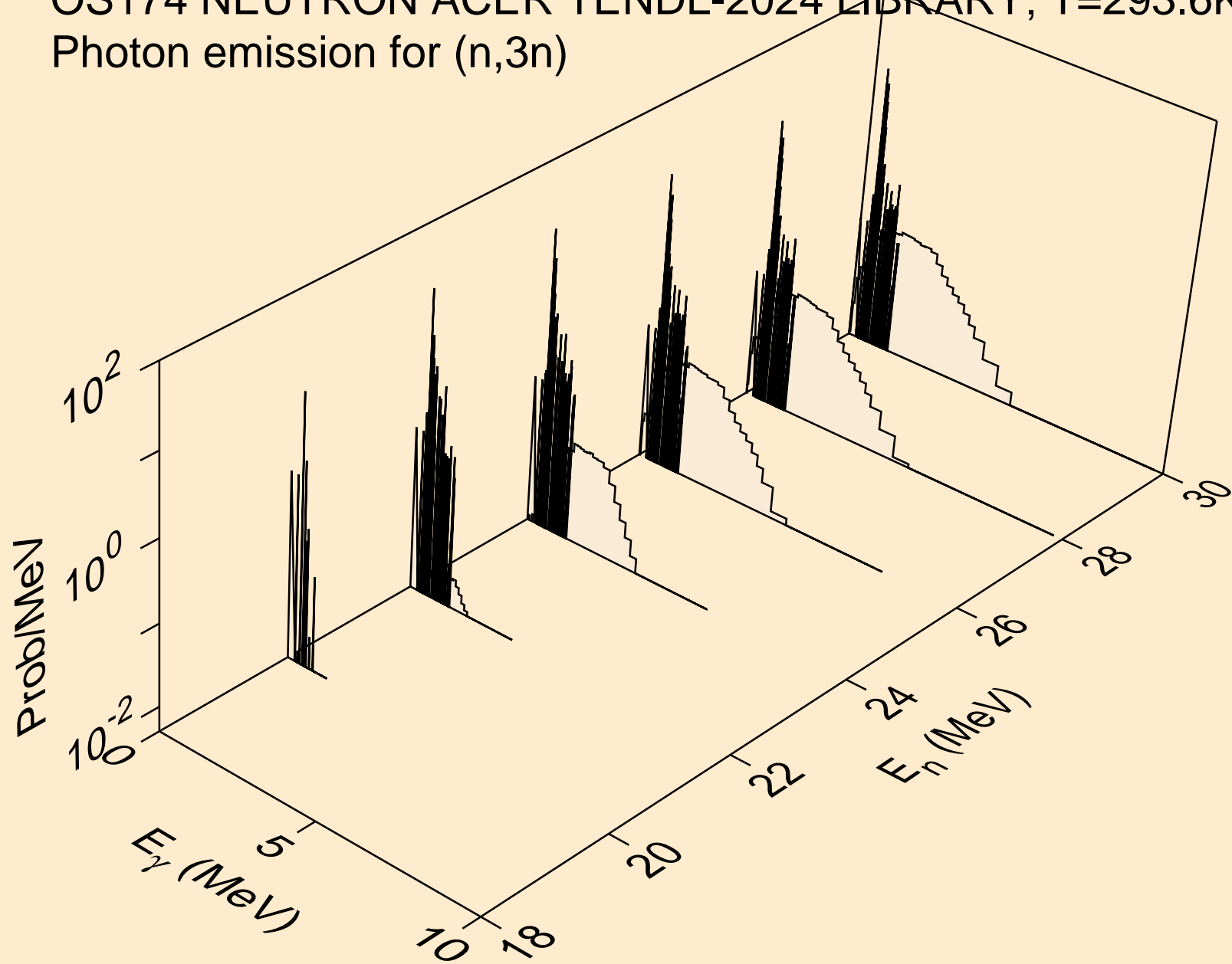
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Photon emission for (n,2nd)



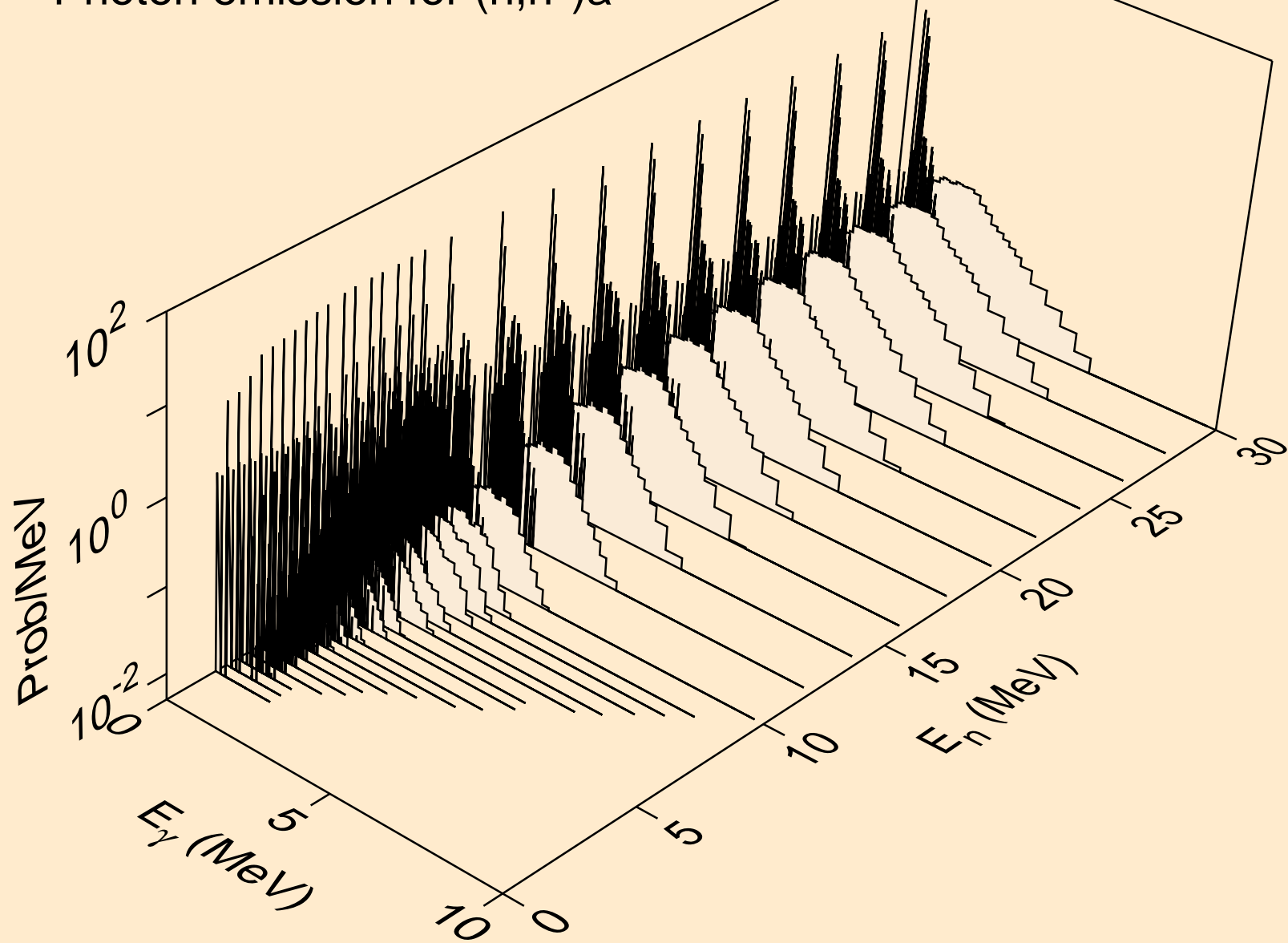
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



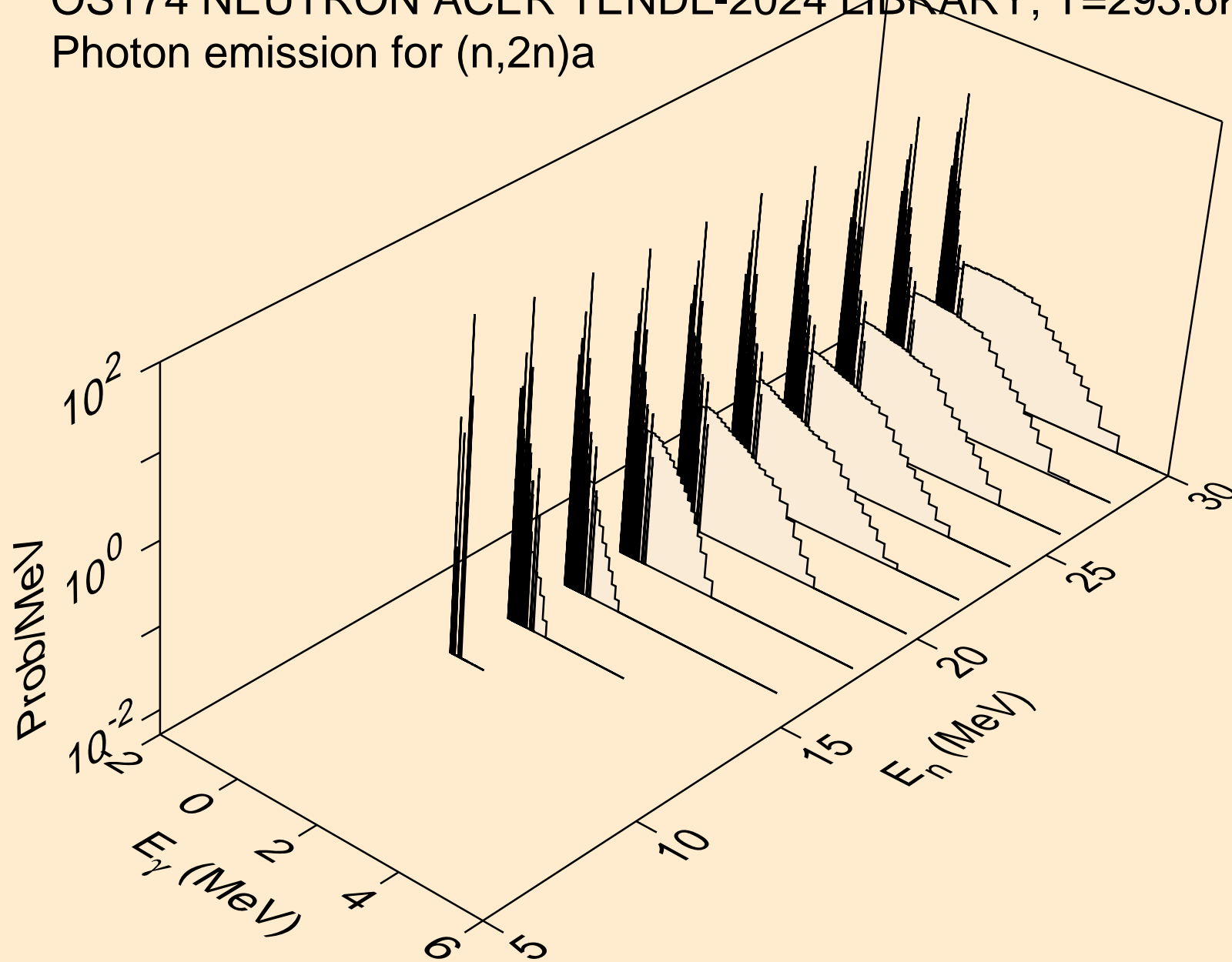
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



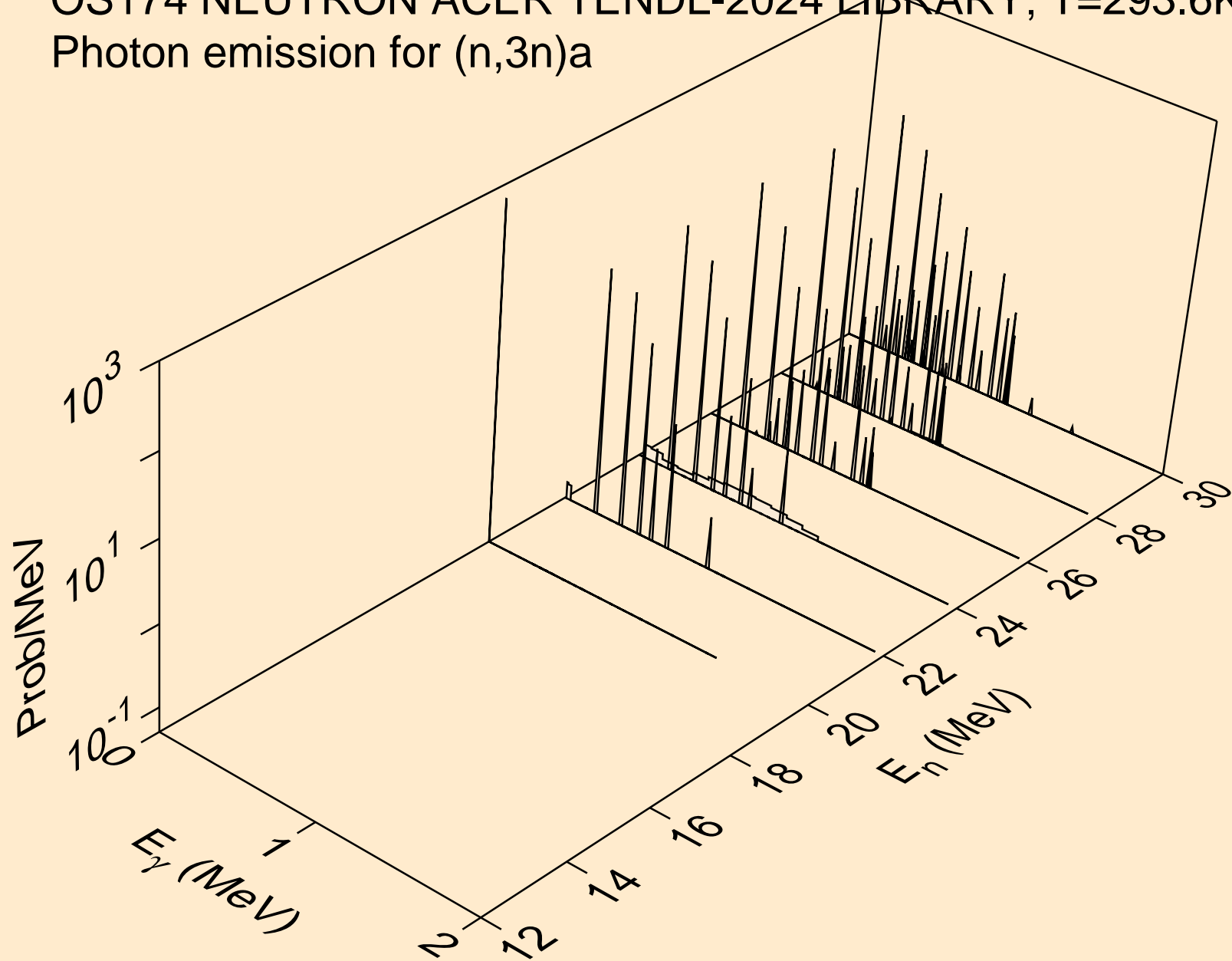
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



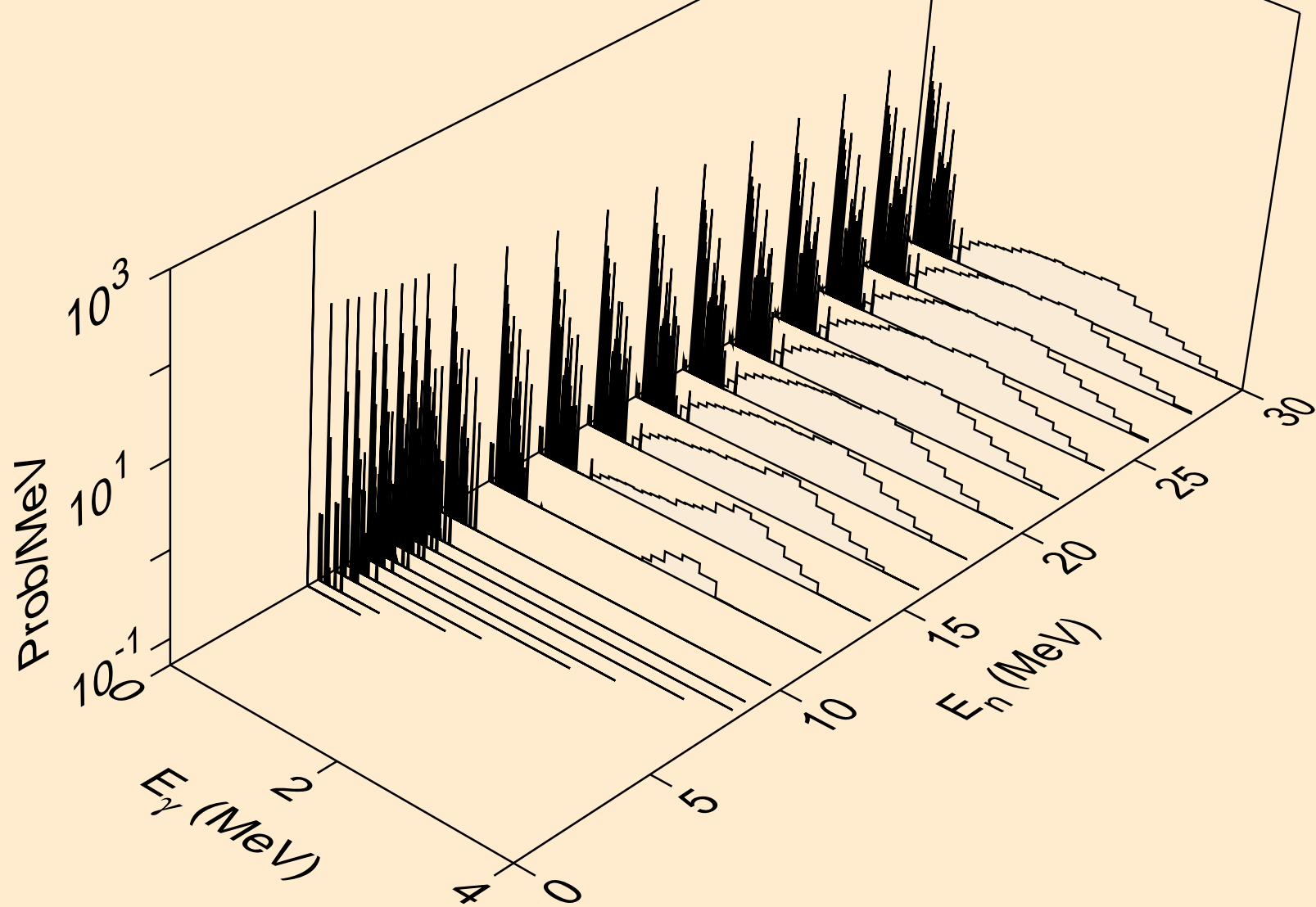
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



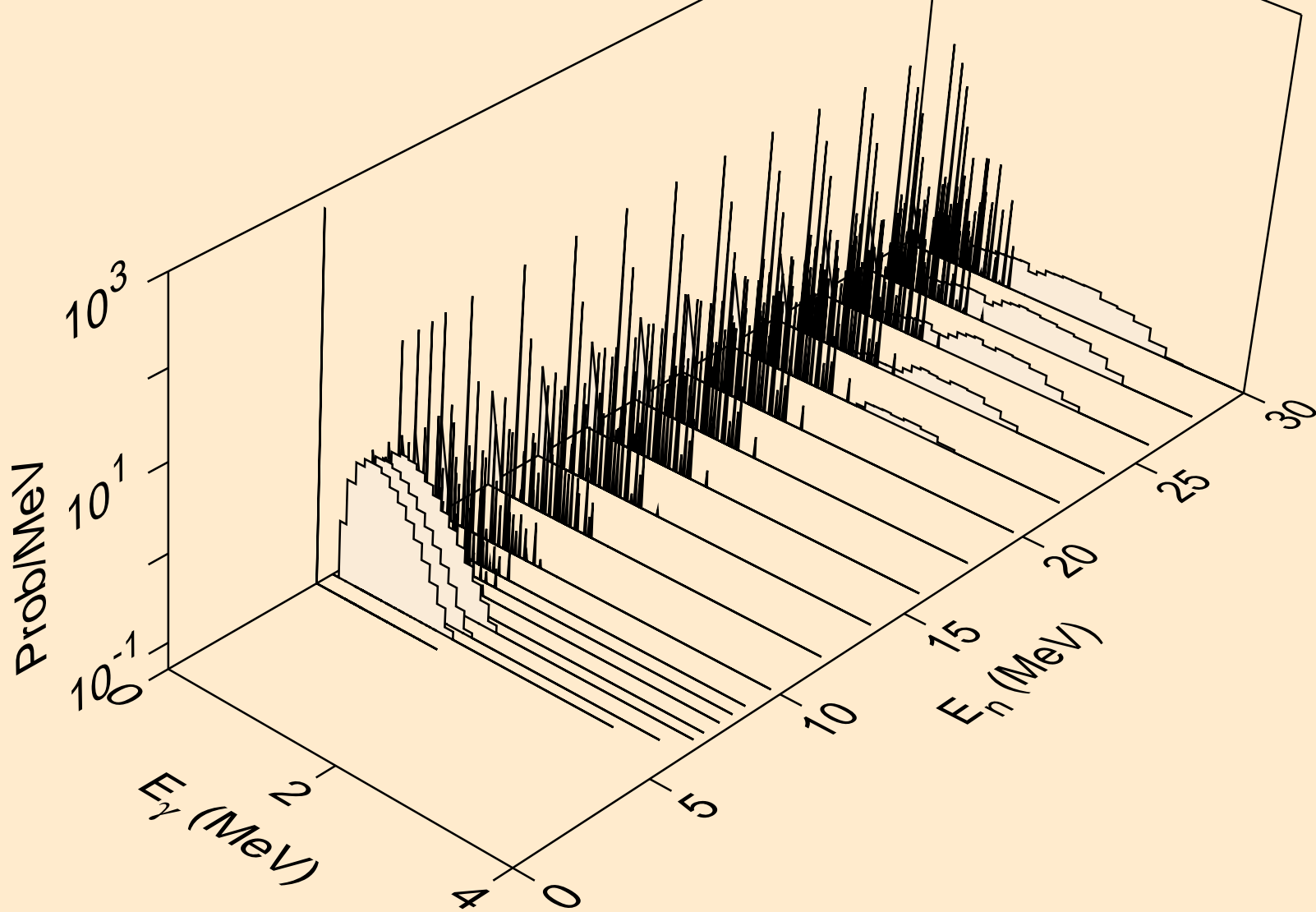
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



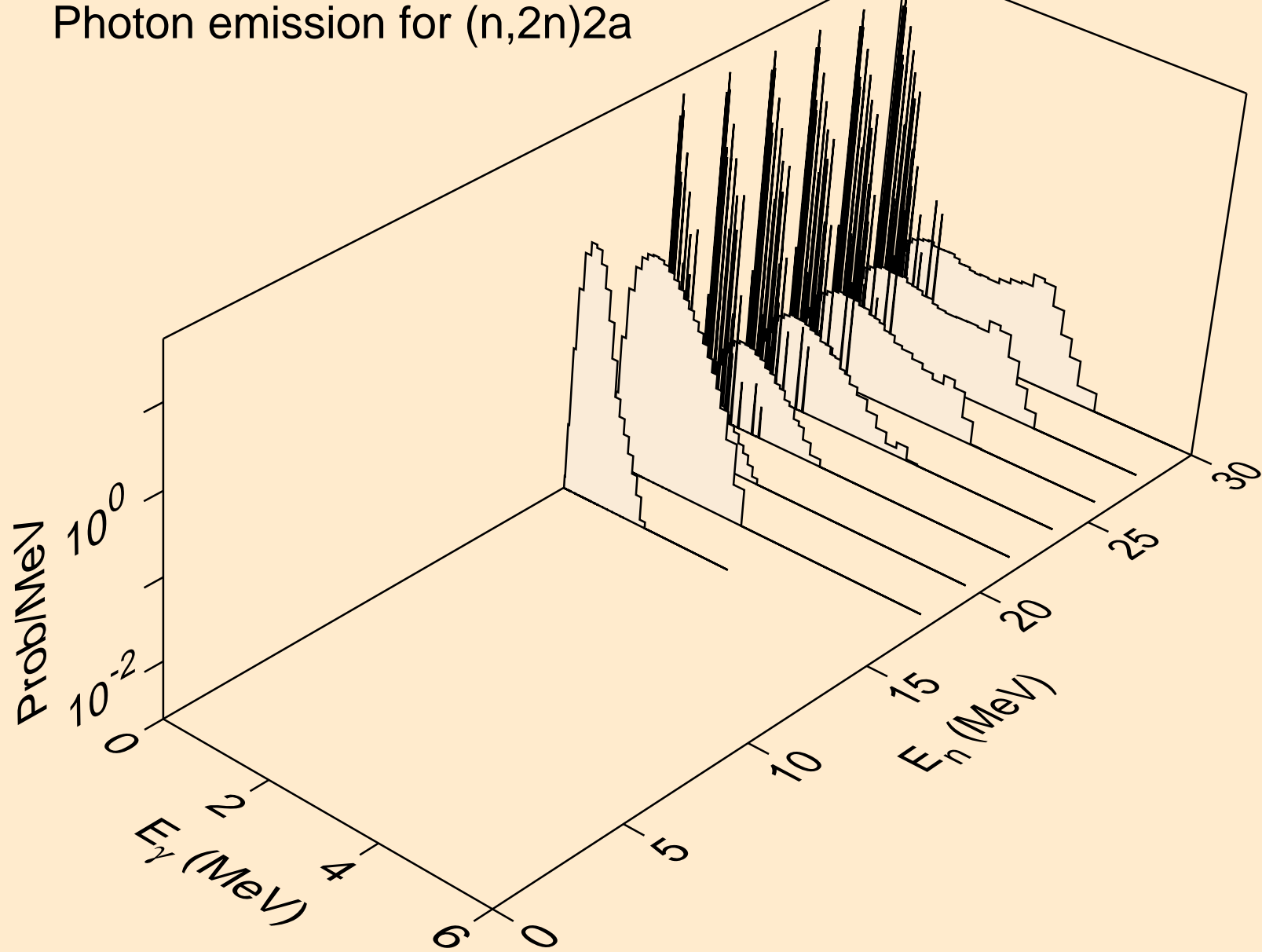
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



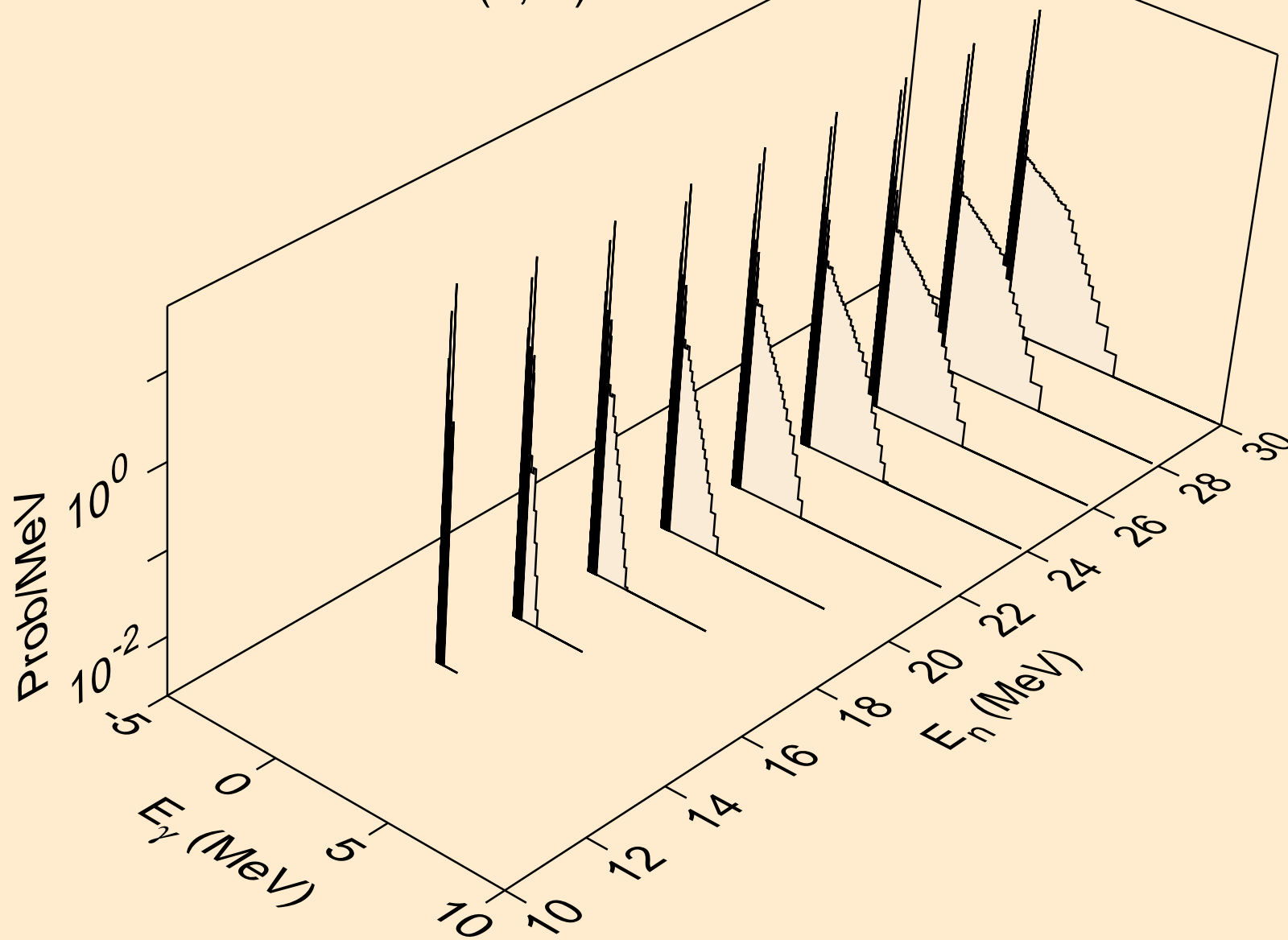
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



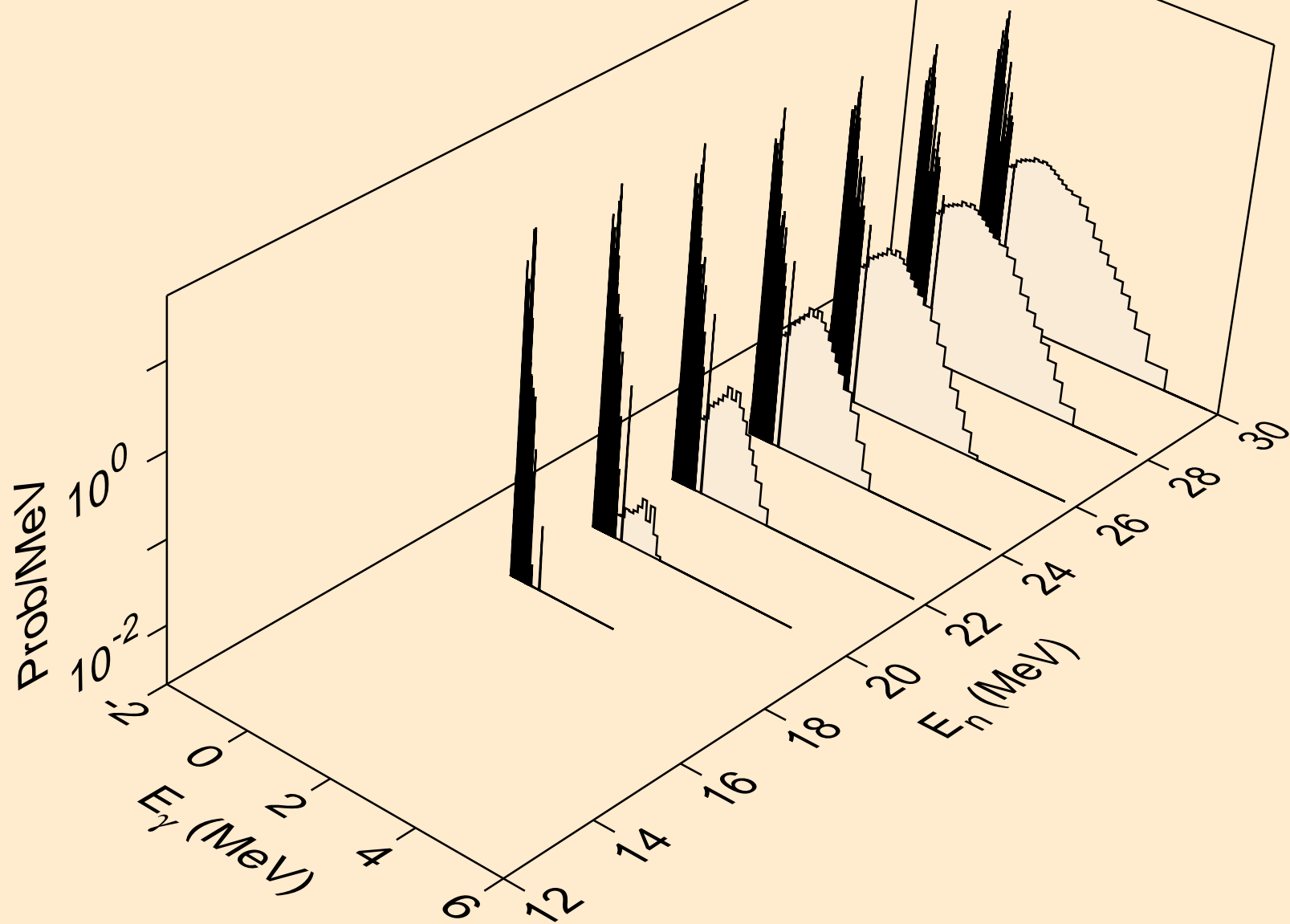
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a



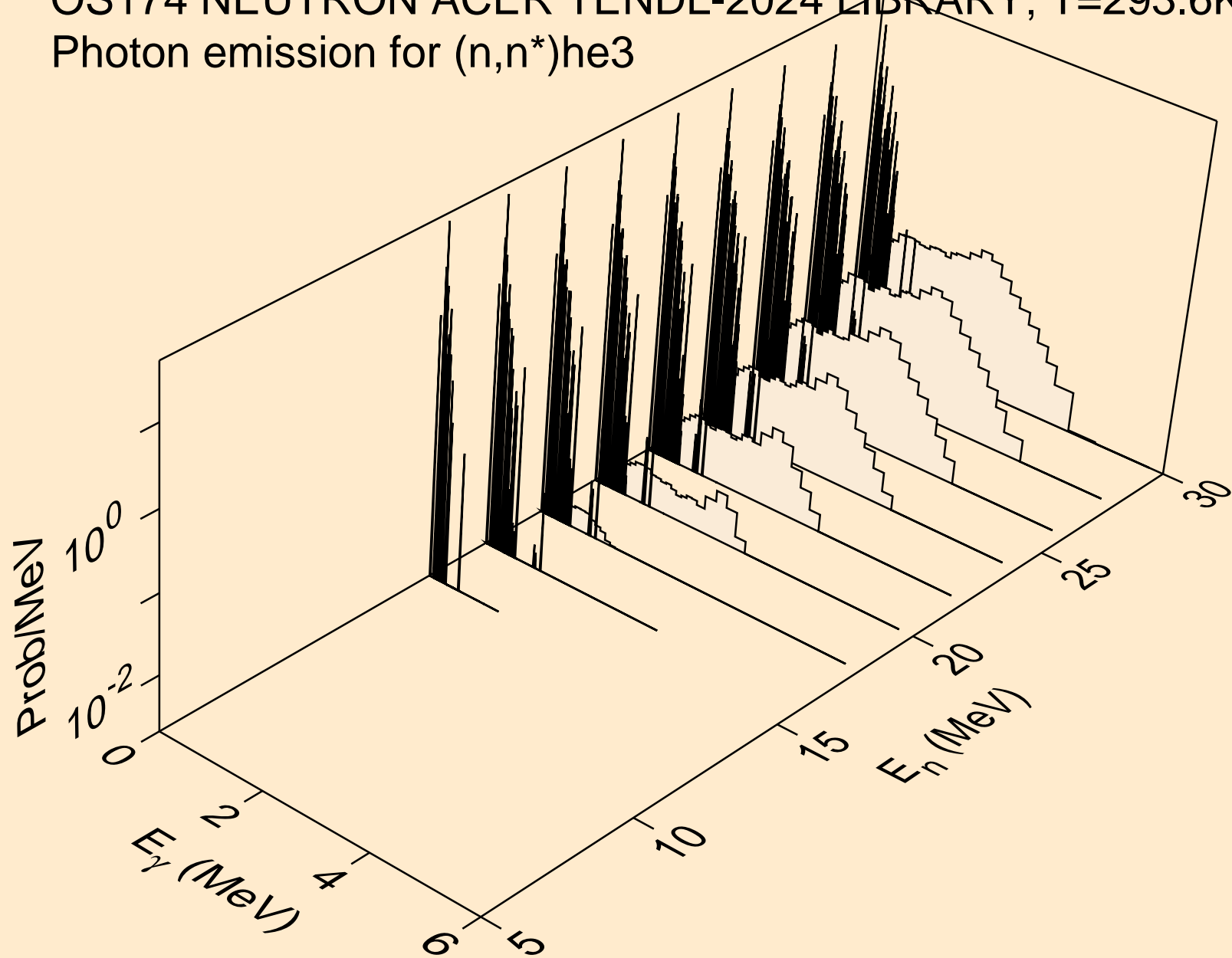
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



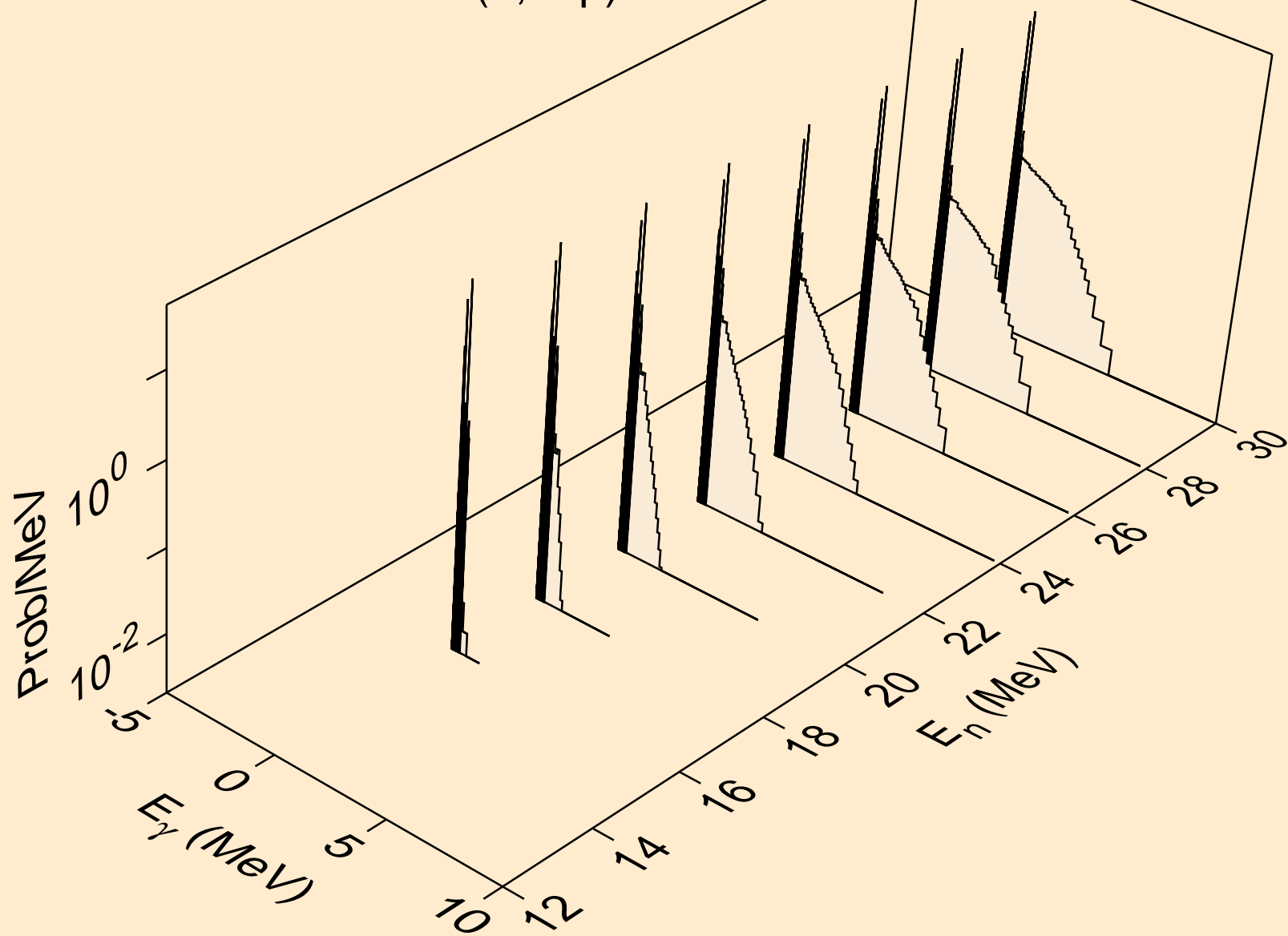
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



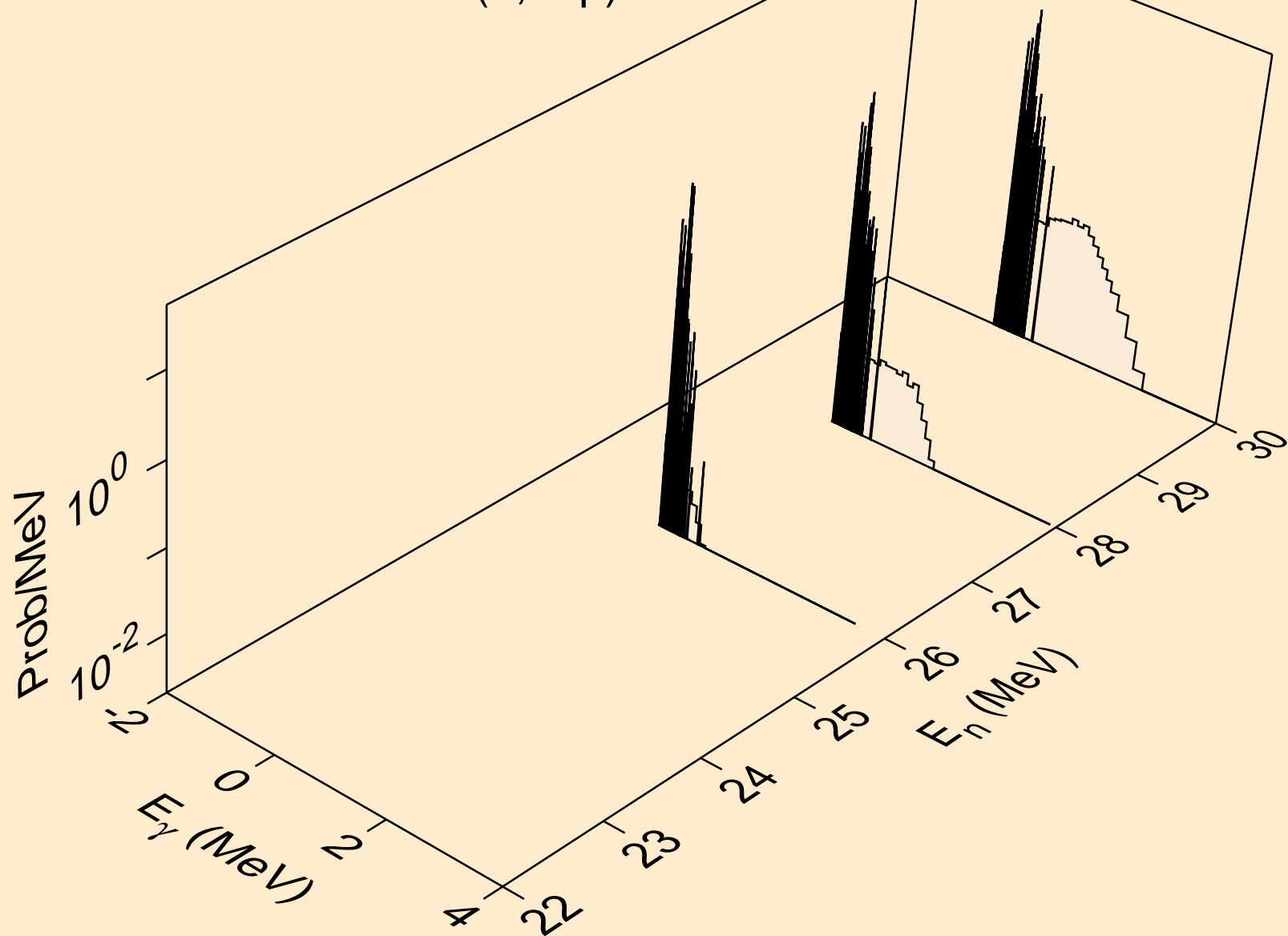
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



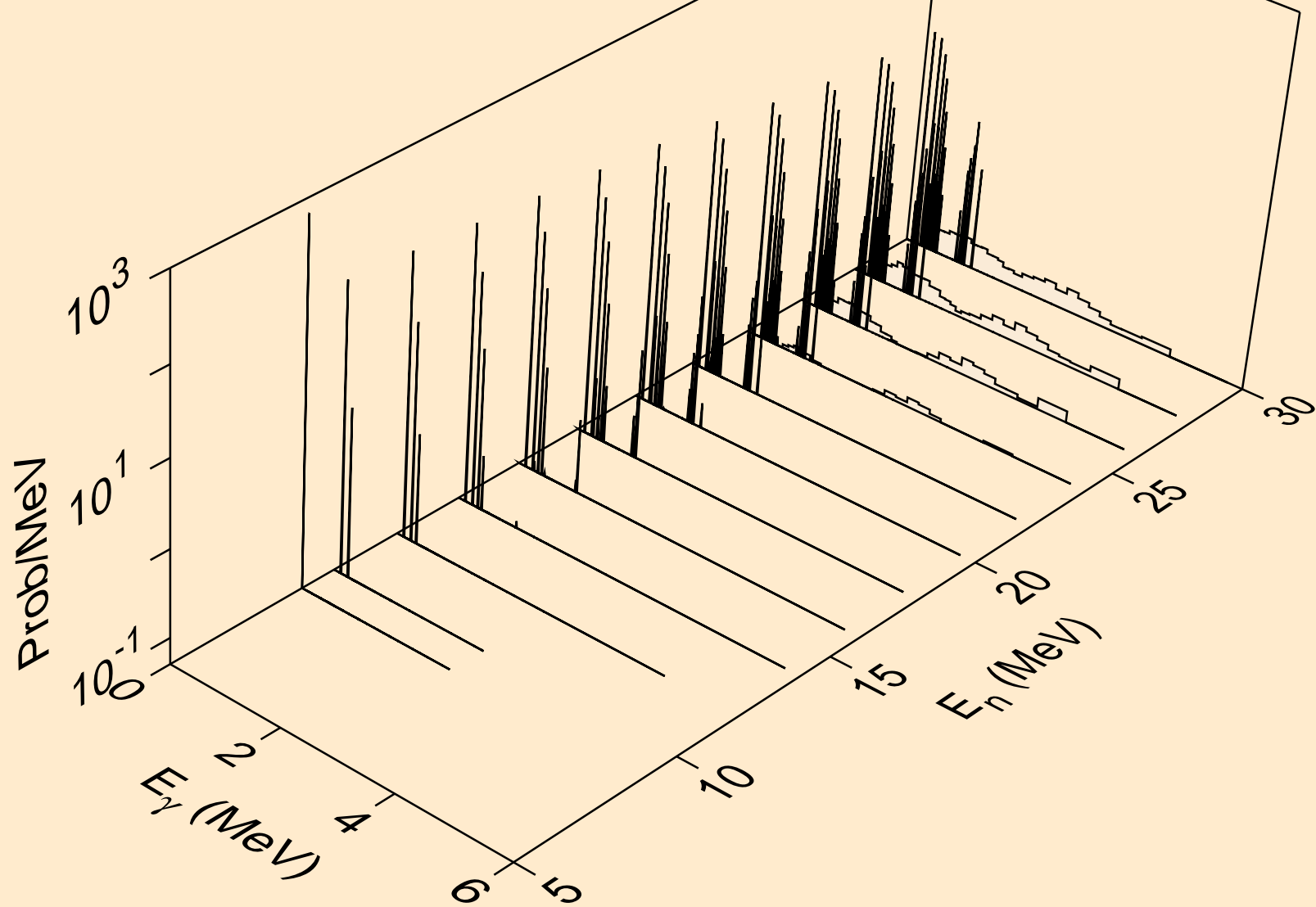
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



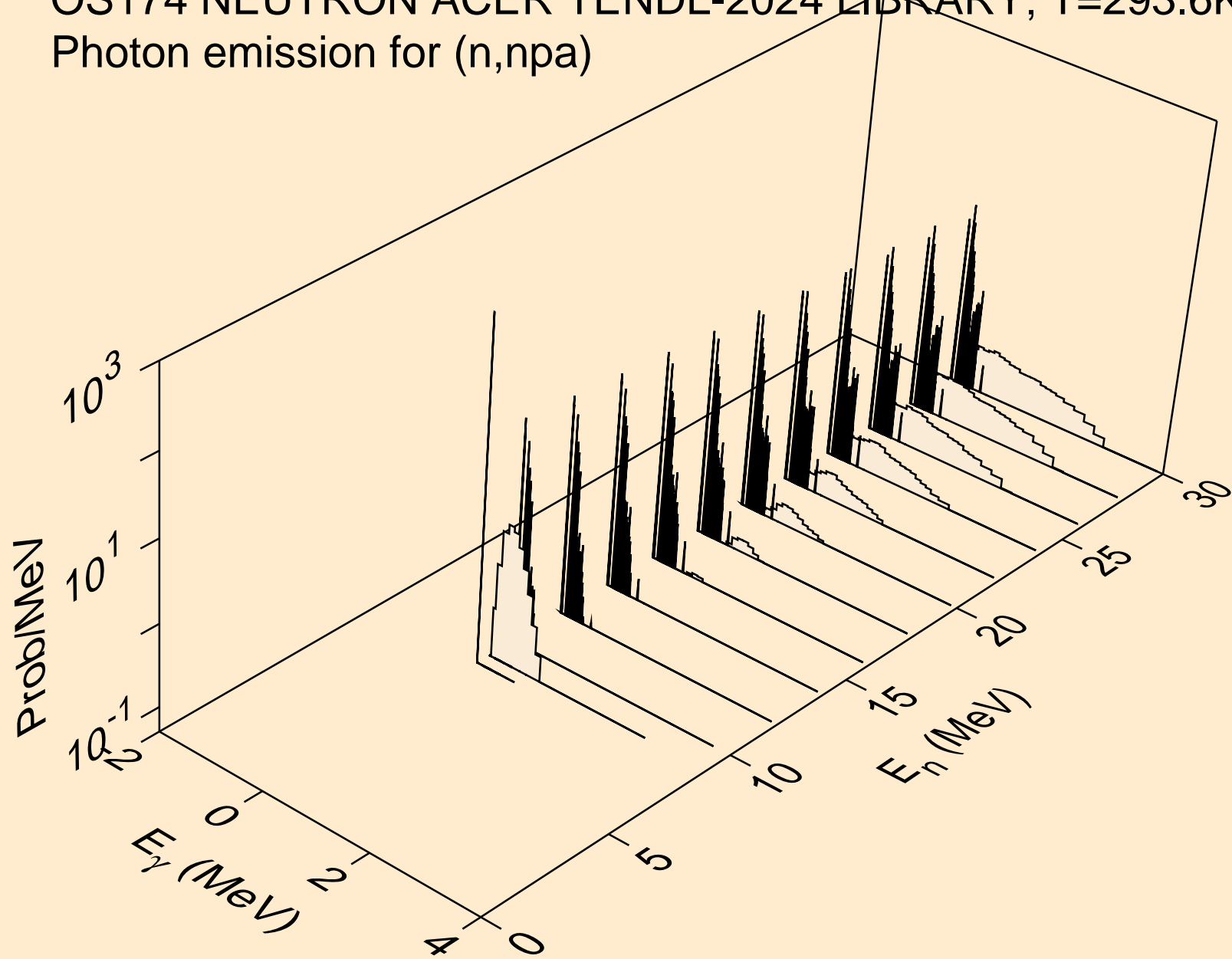
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3np)



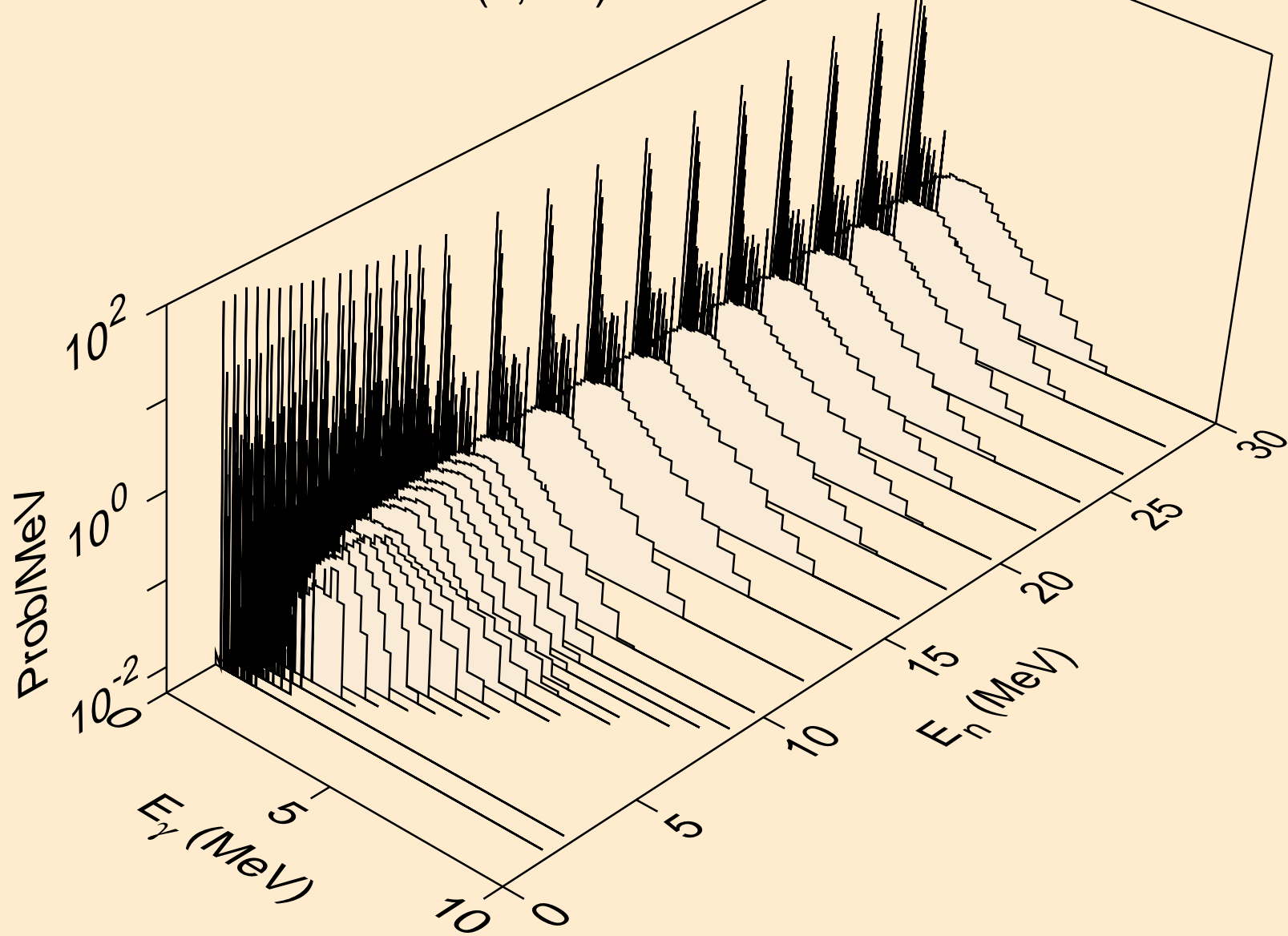
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n2p)



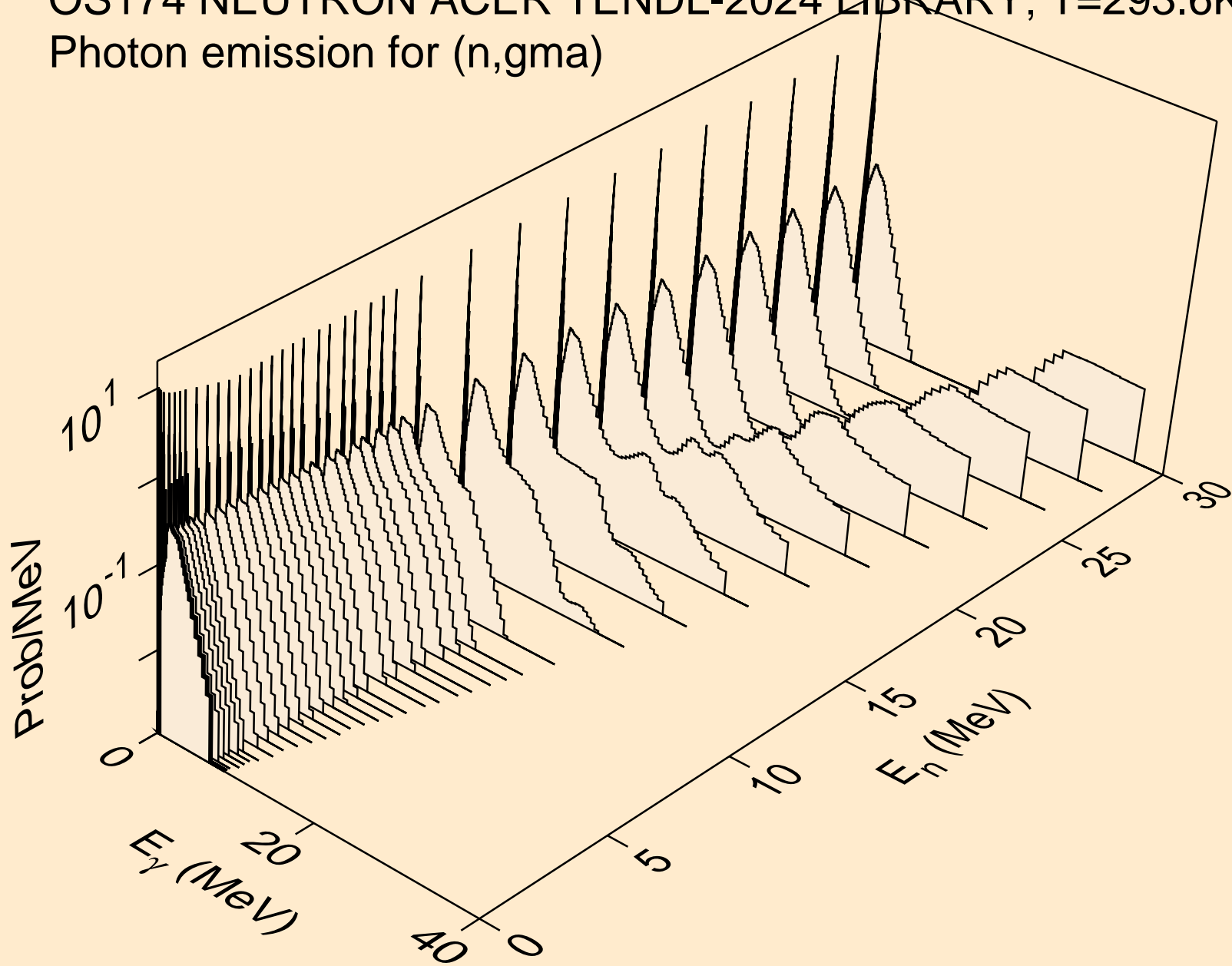
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,npa)



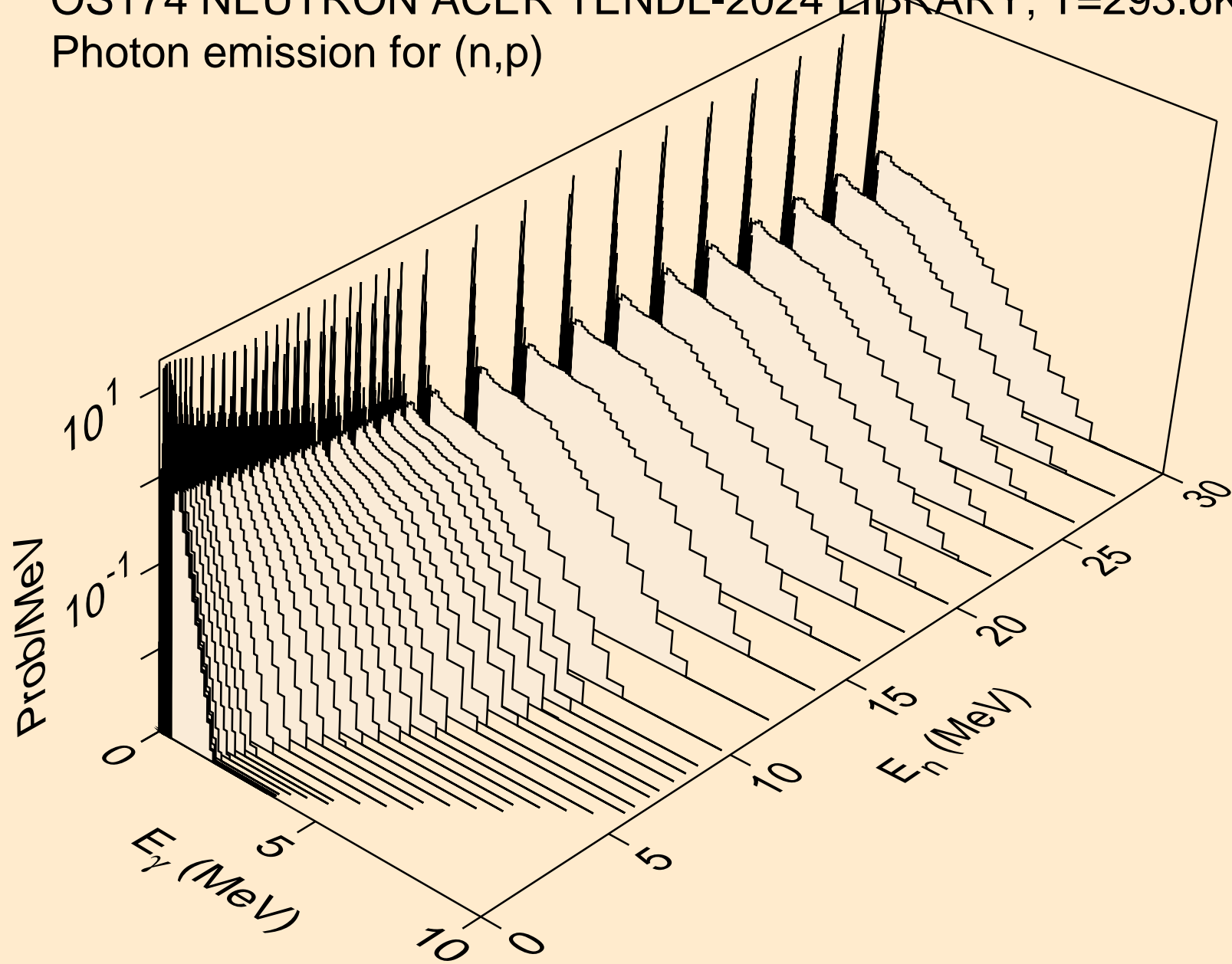
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



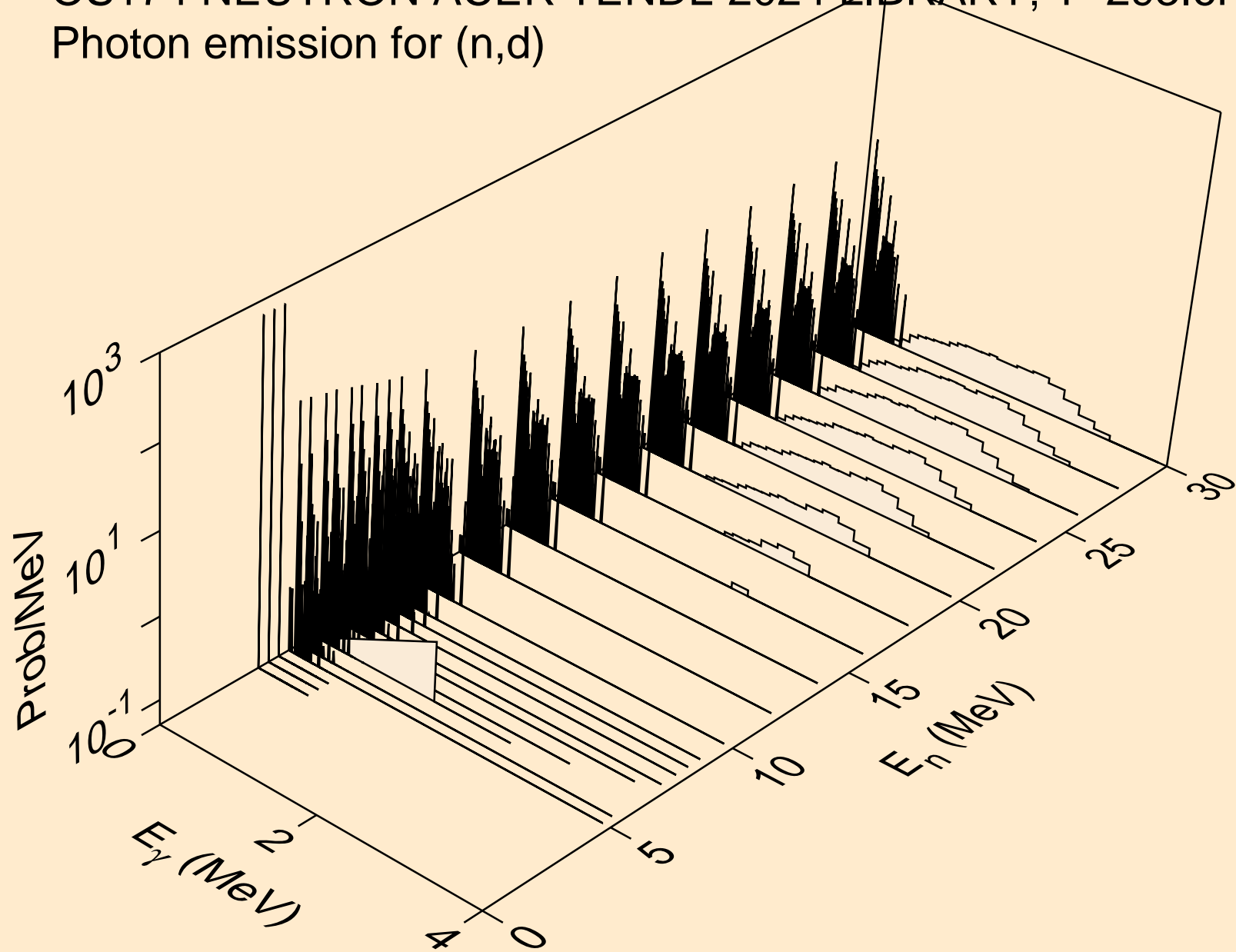
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Photon emission for (n,gma)



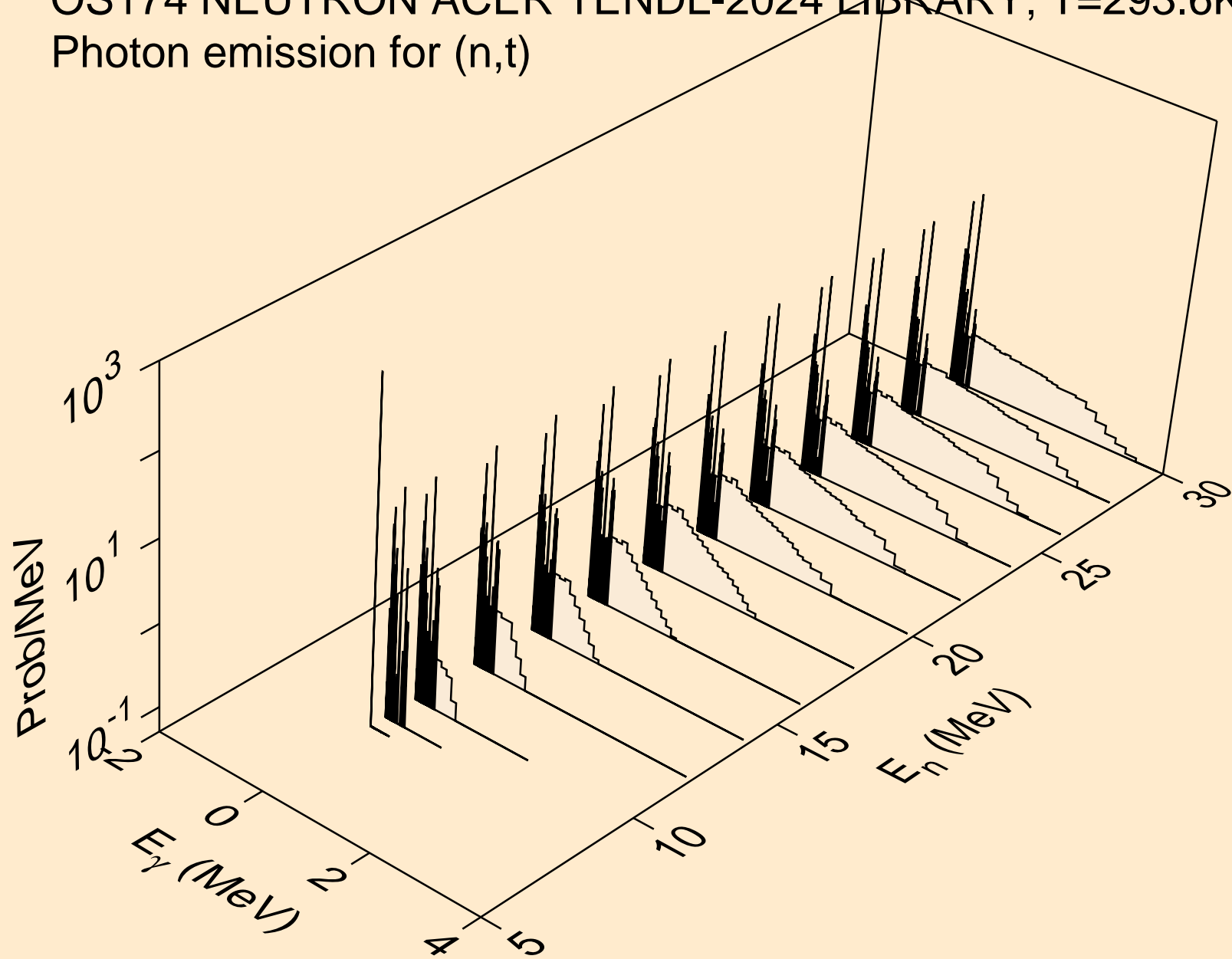
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



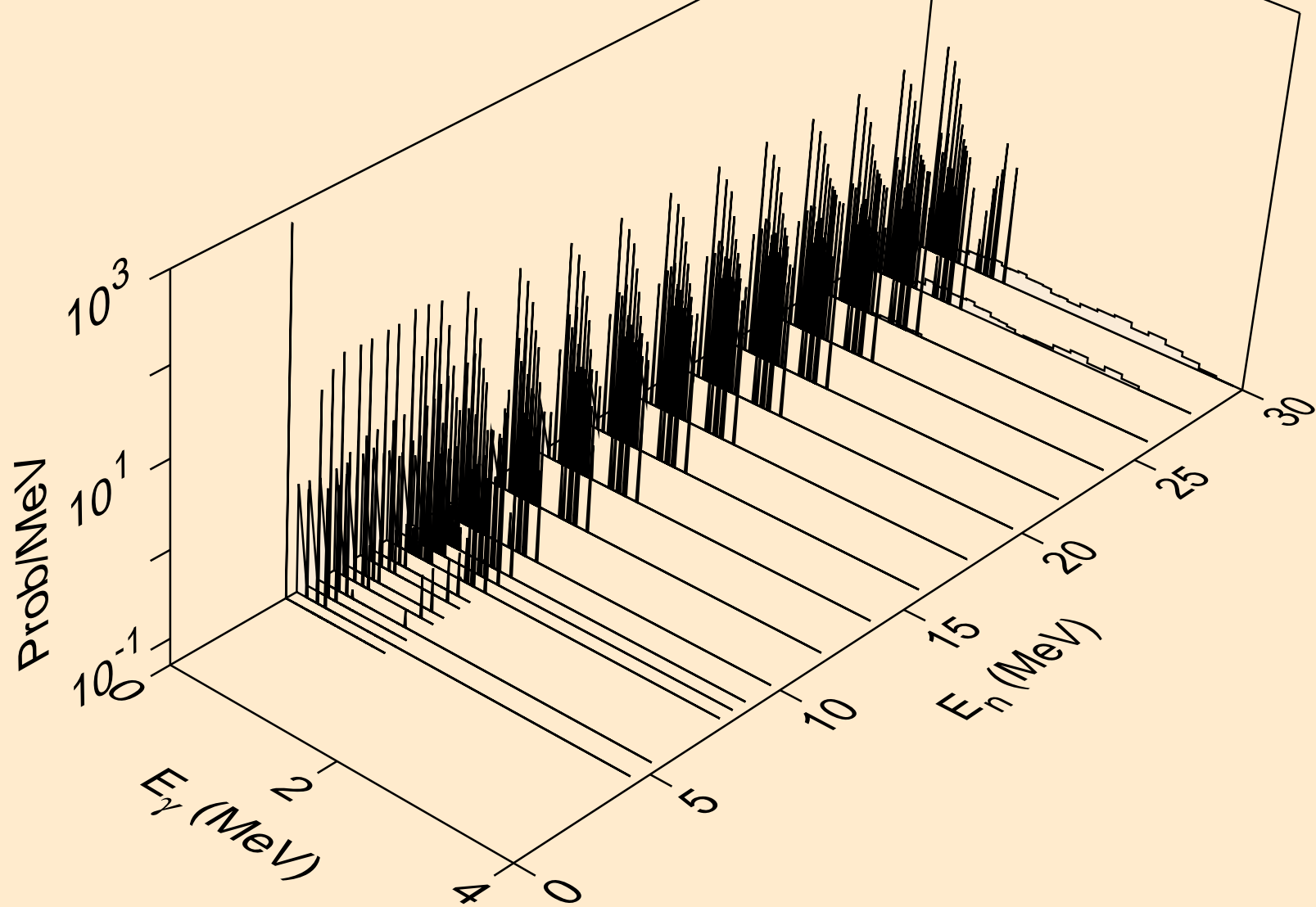
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



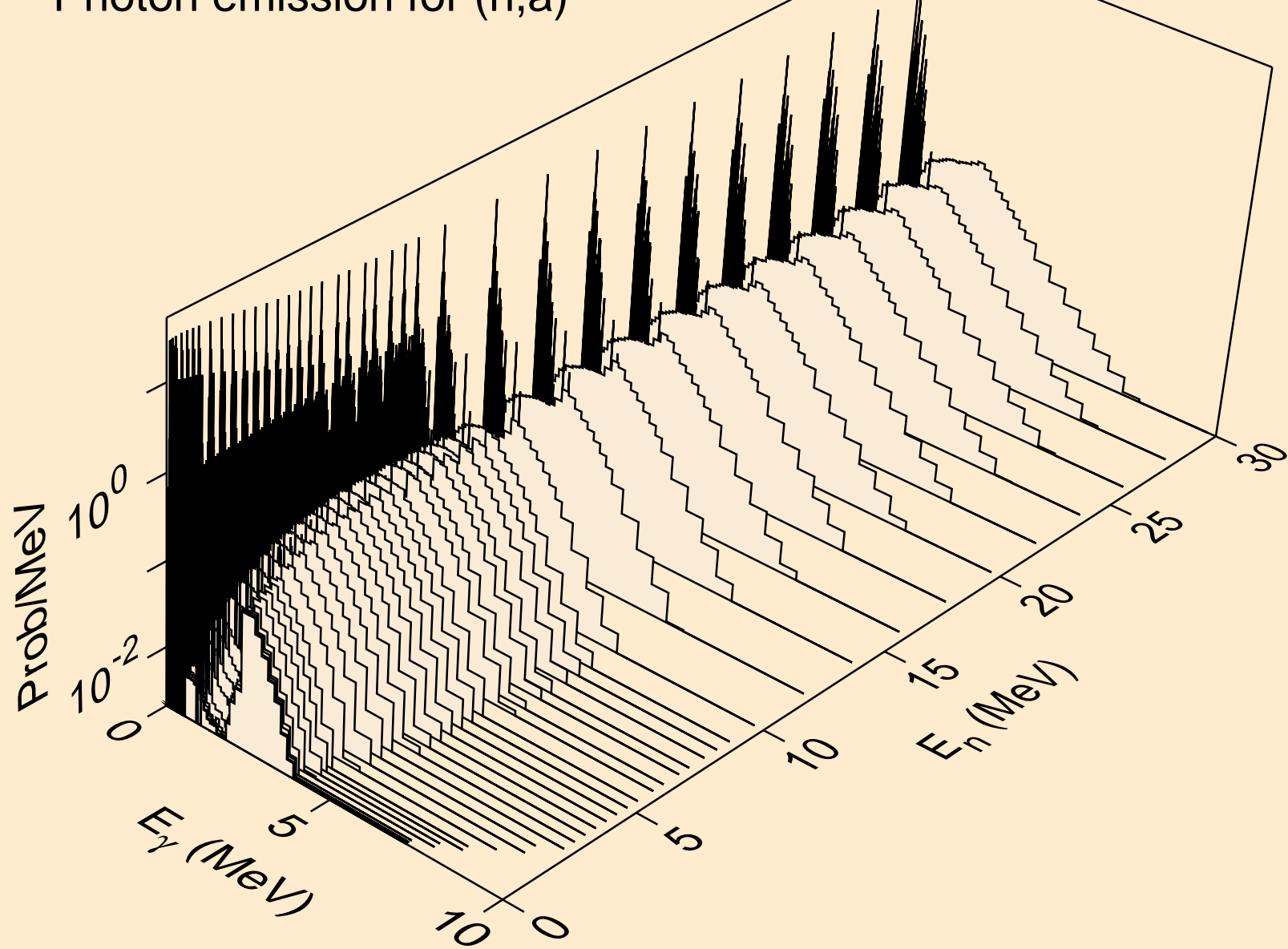
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Photon emission for (n,t)



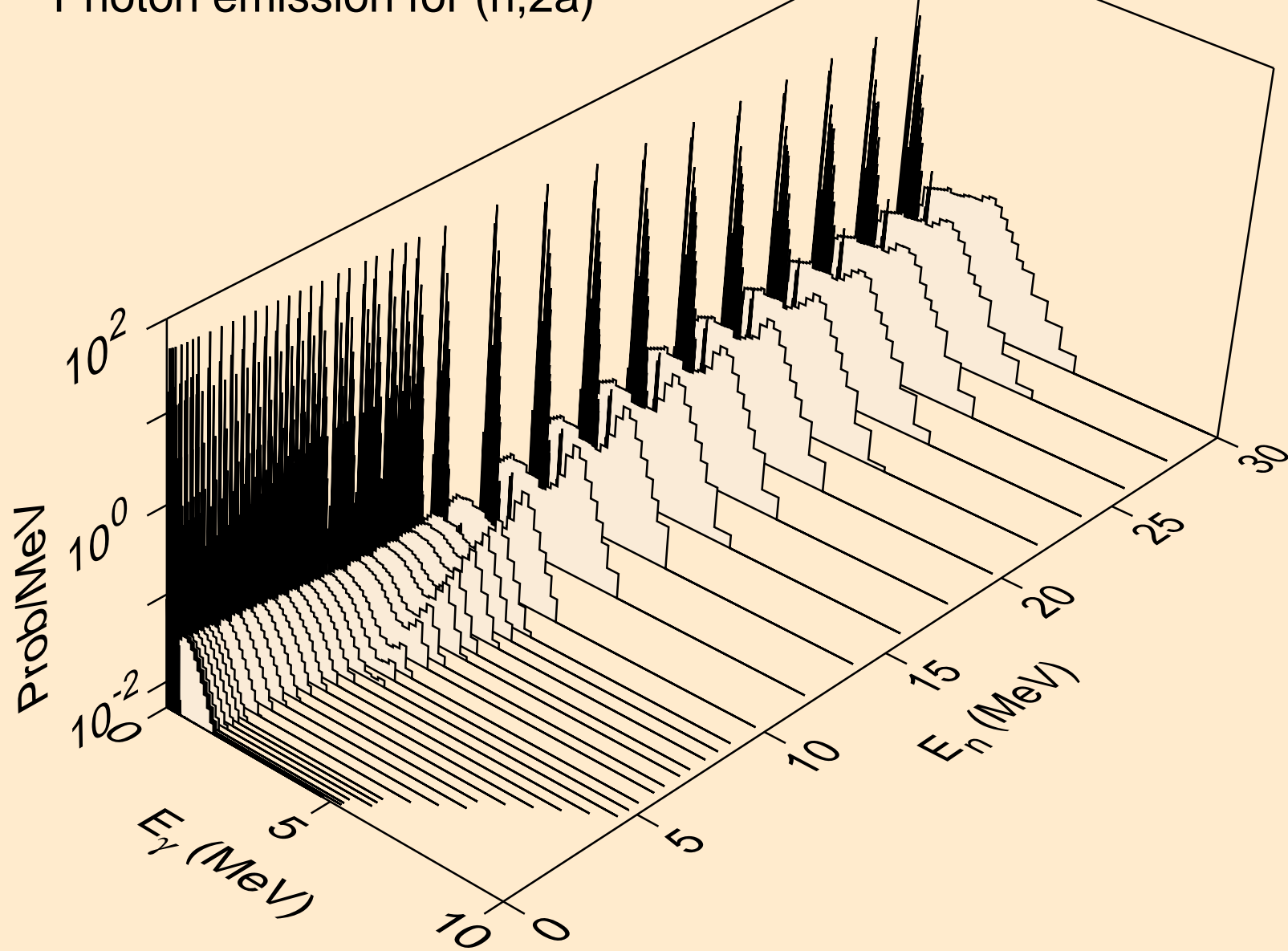
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



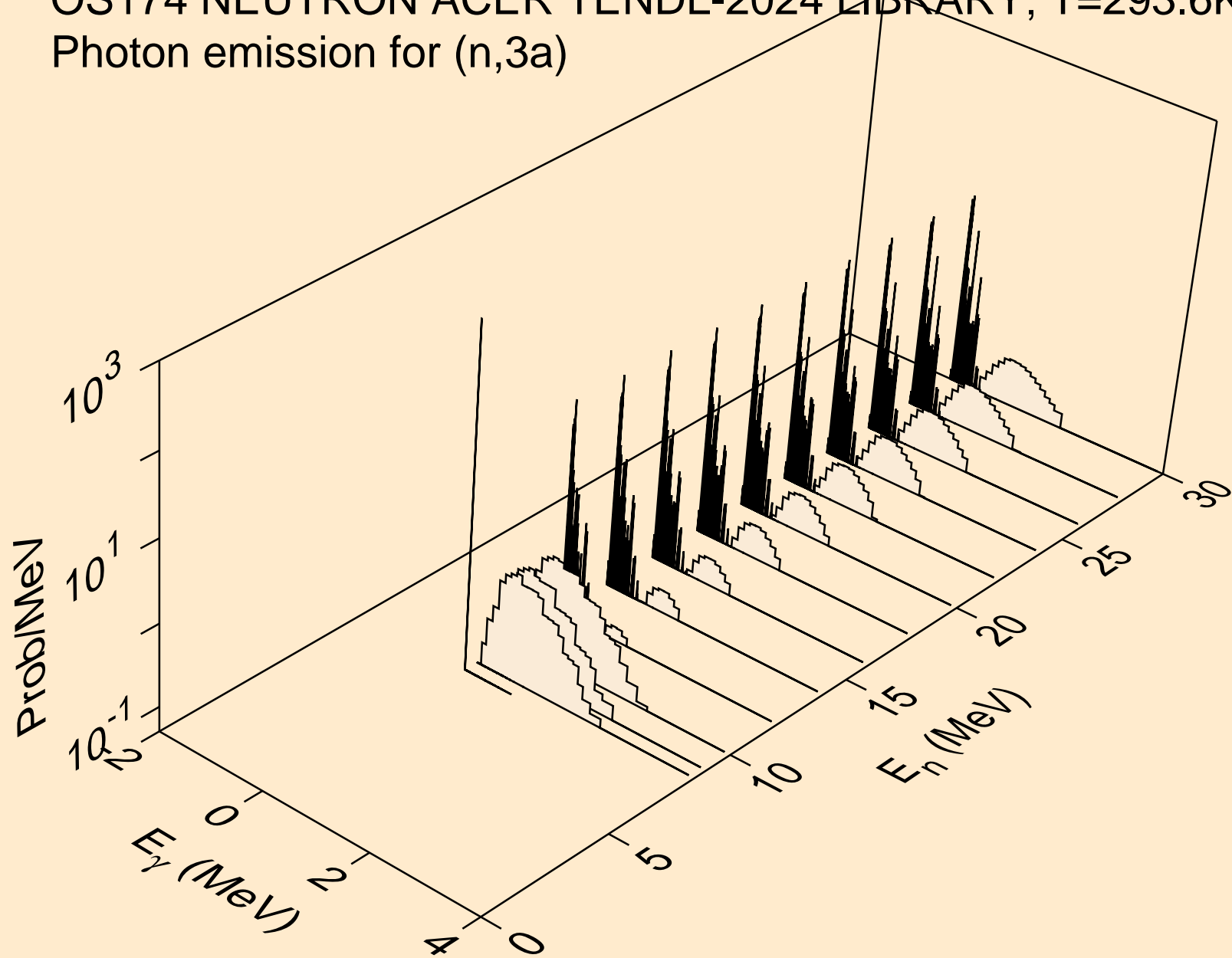
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



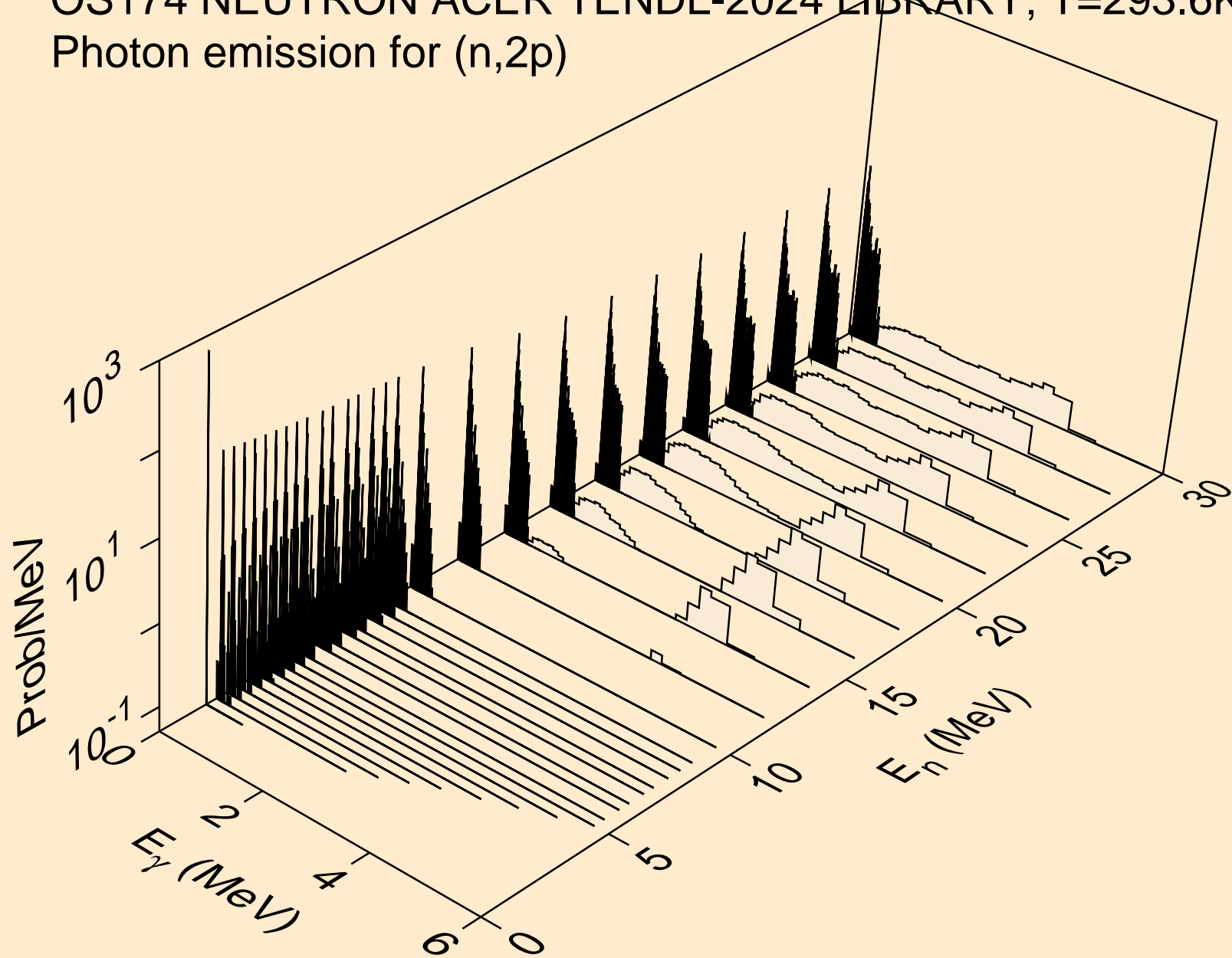
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2a)



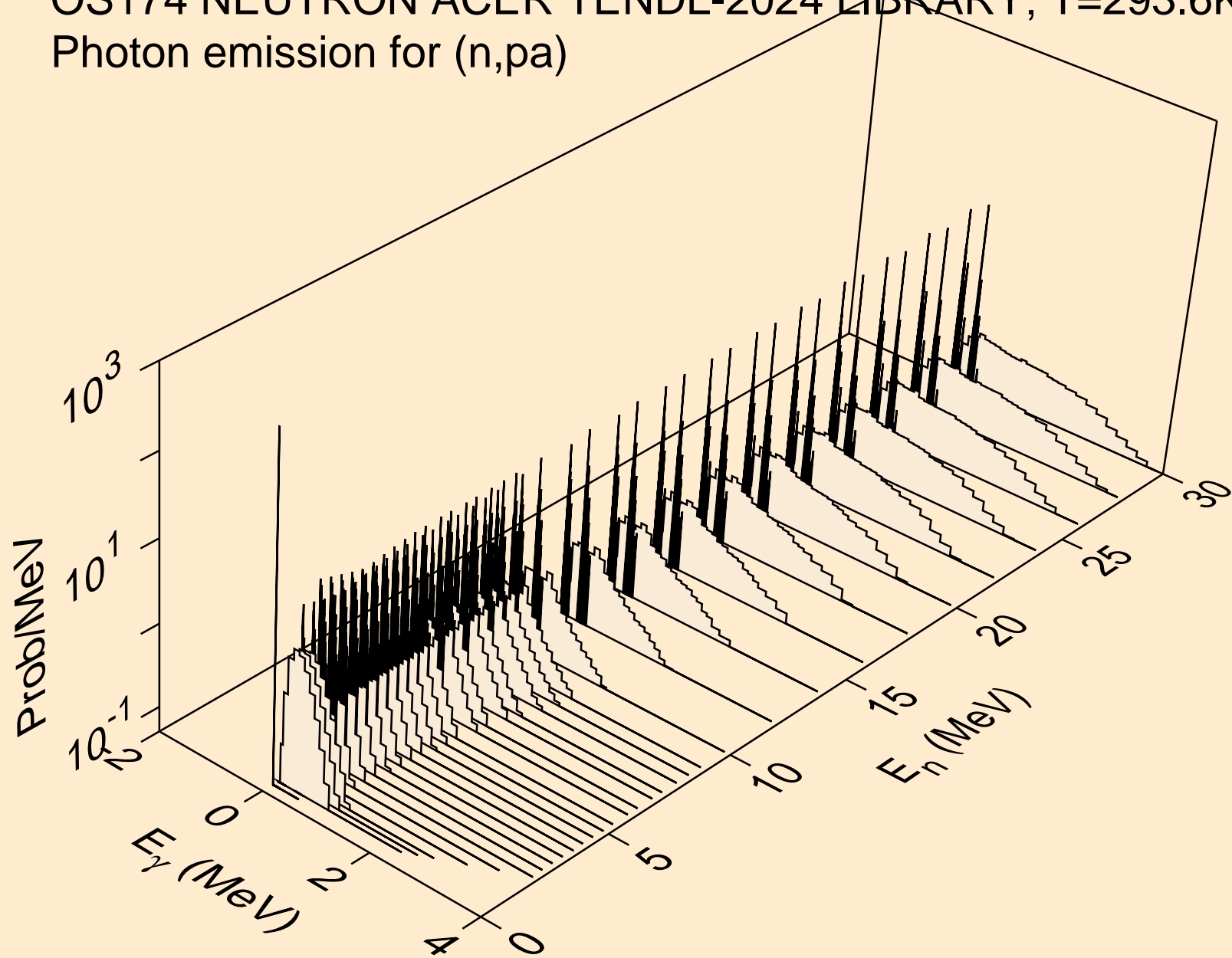
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3a)



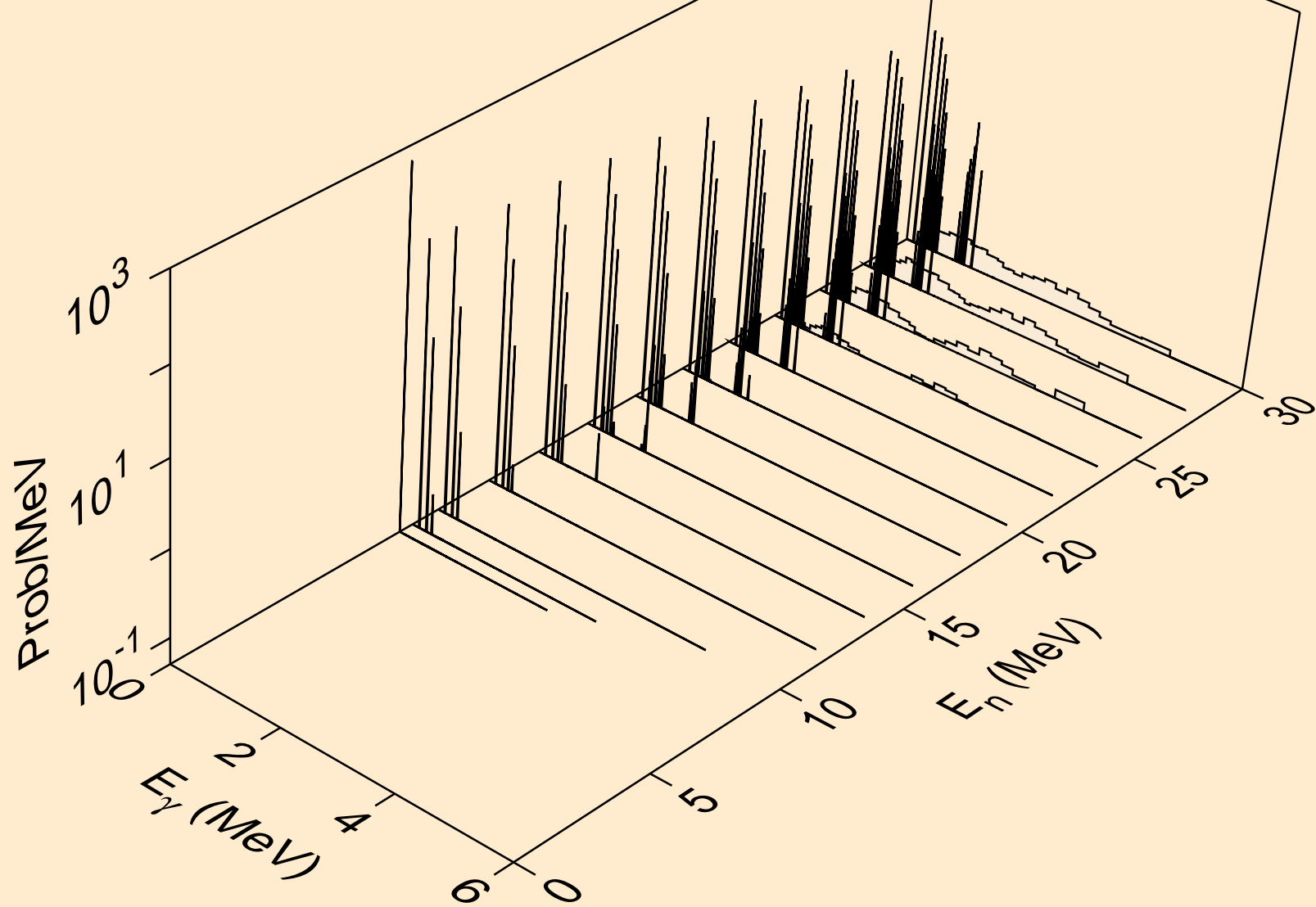
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)



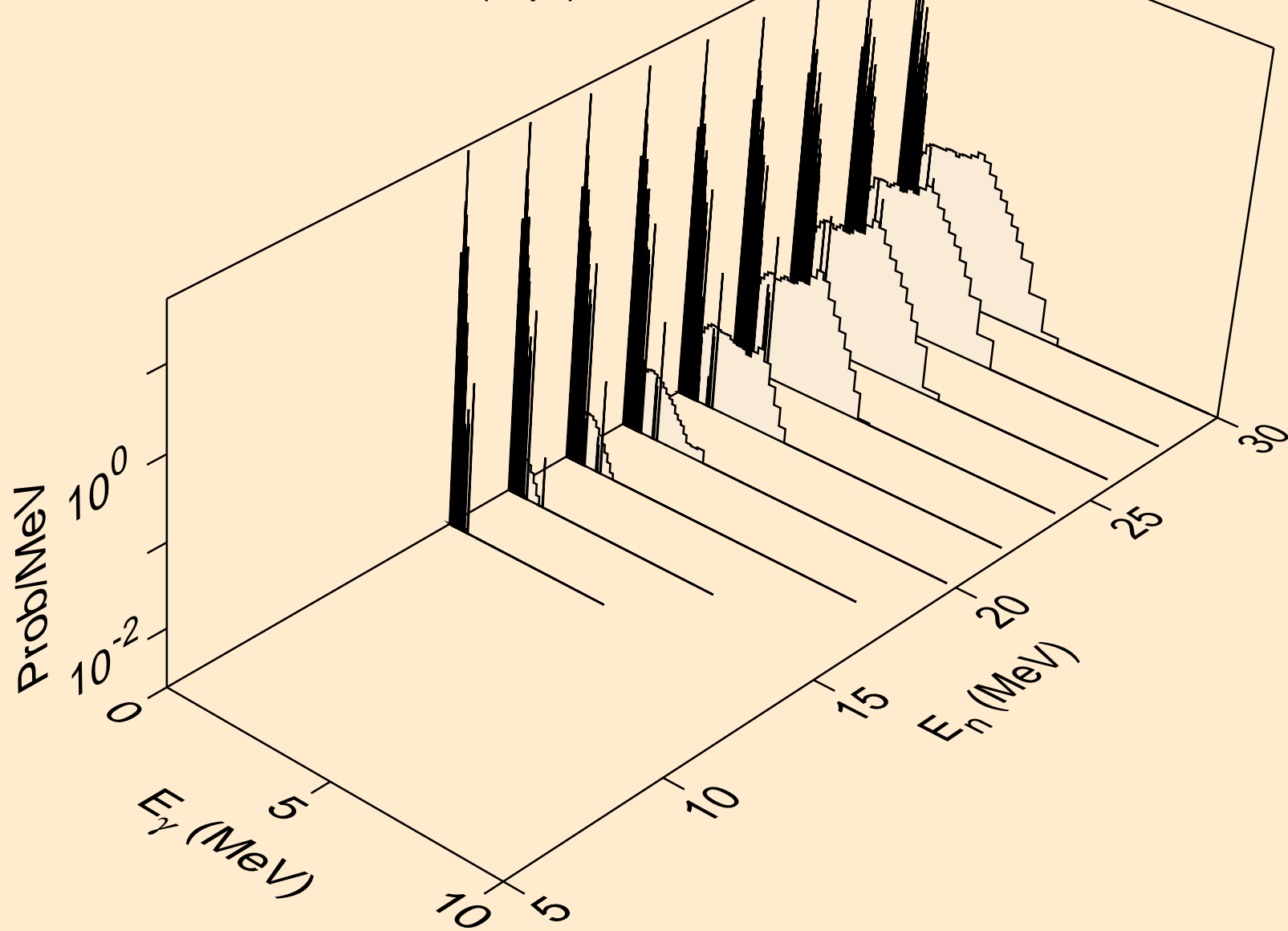
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



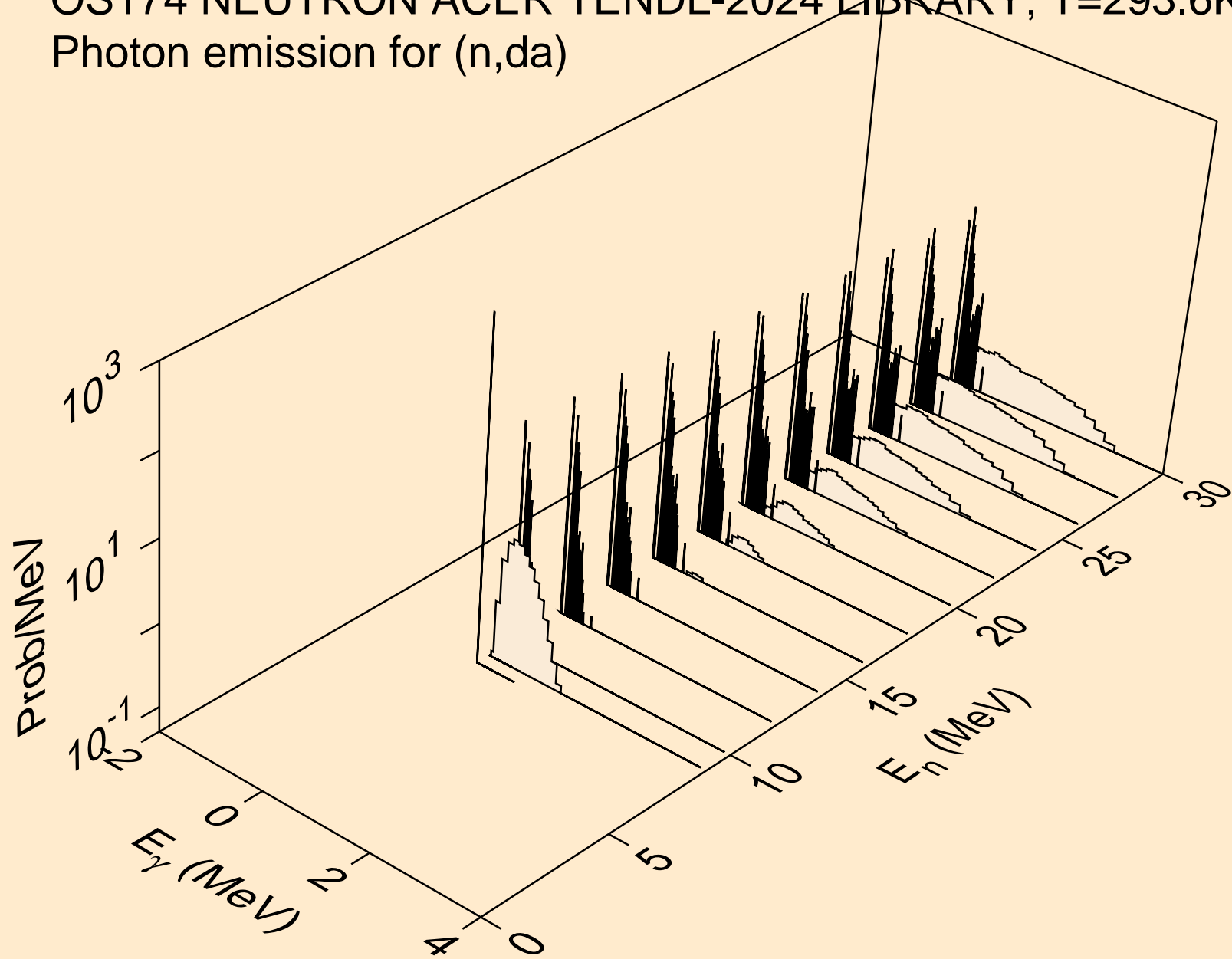
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pd)



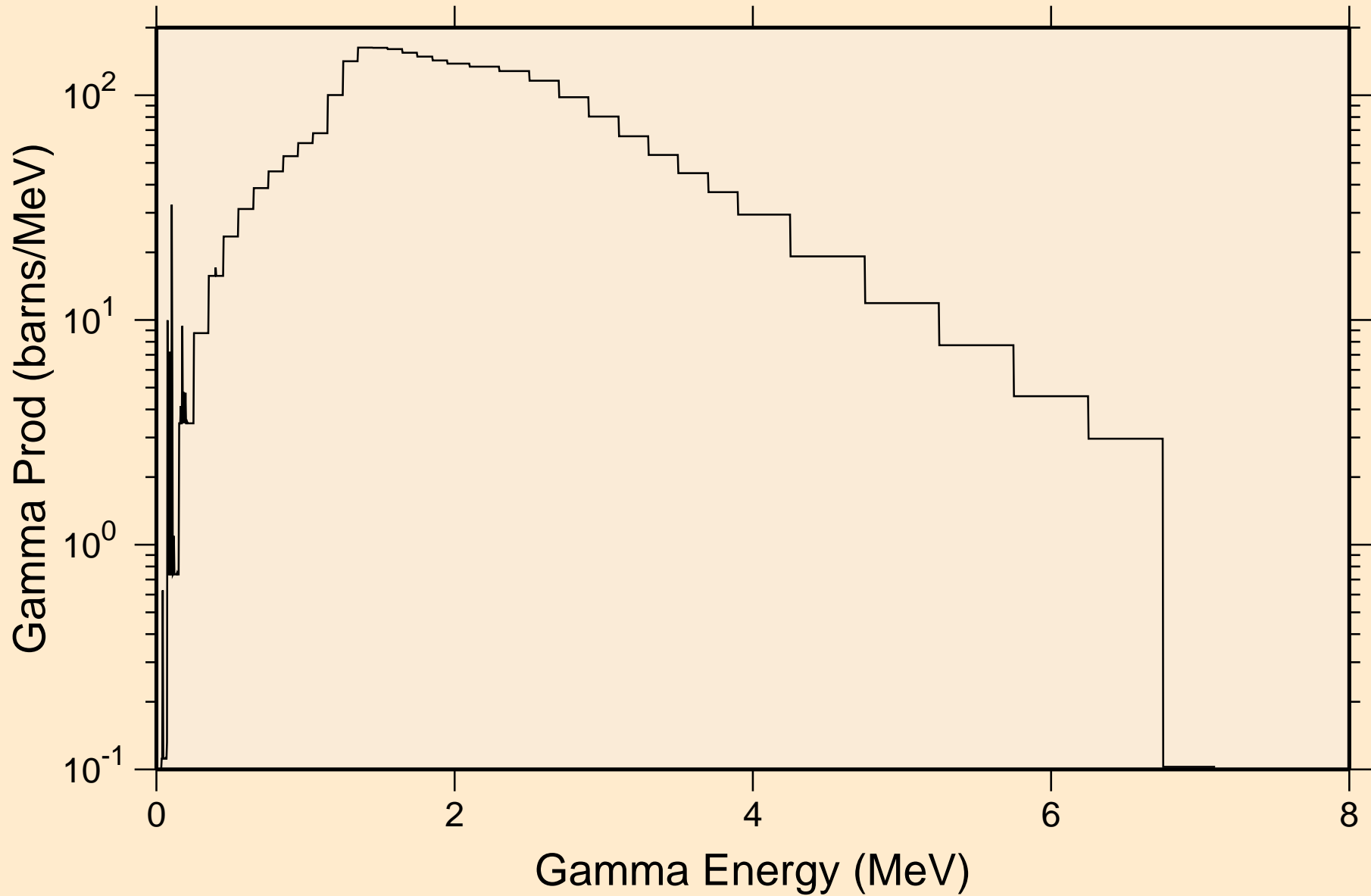
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pt)



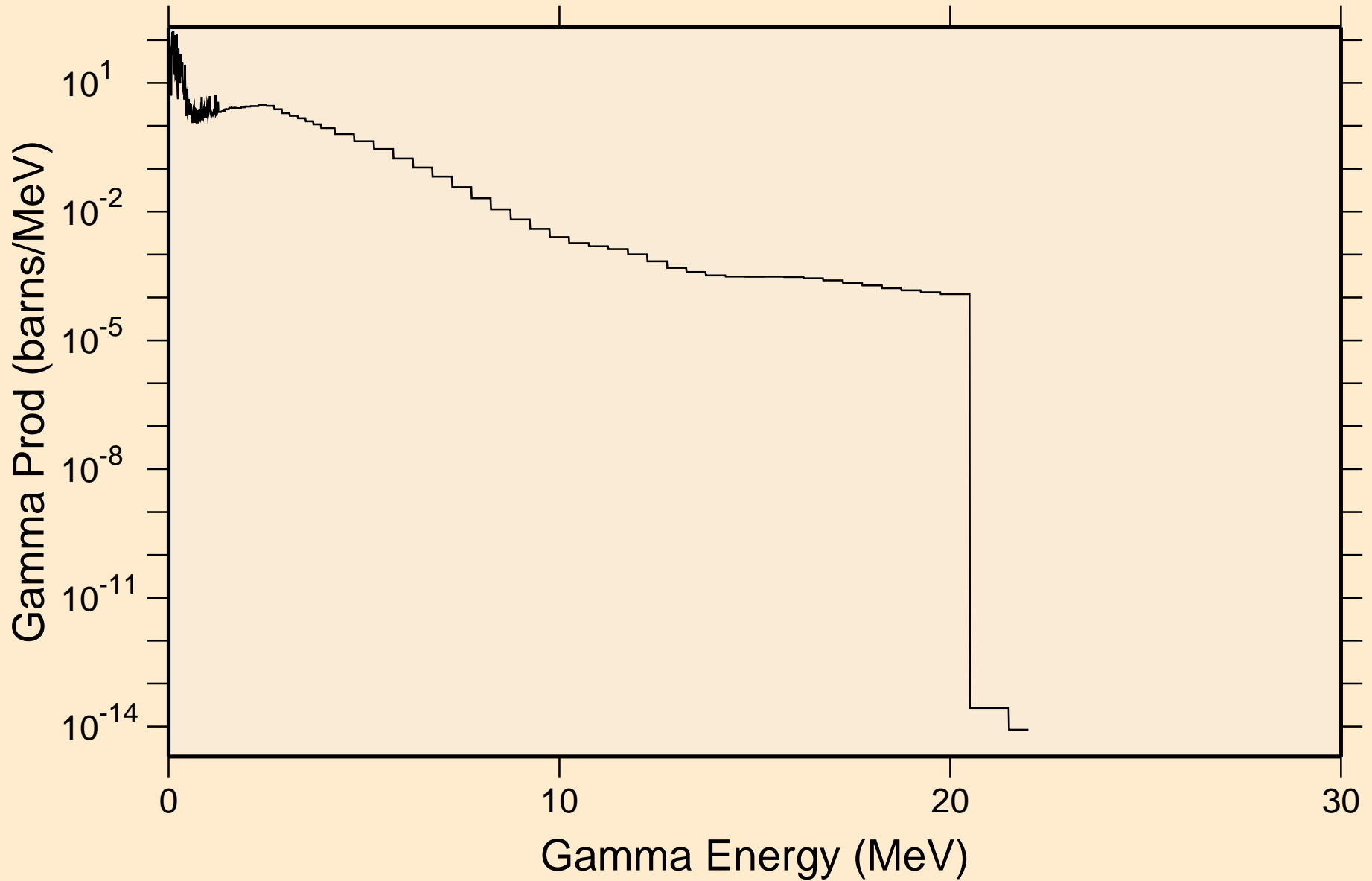
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,da)



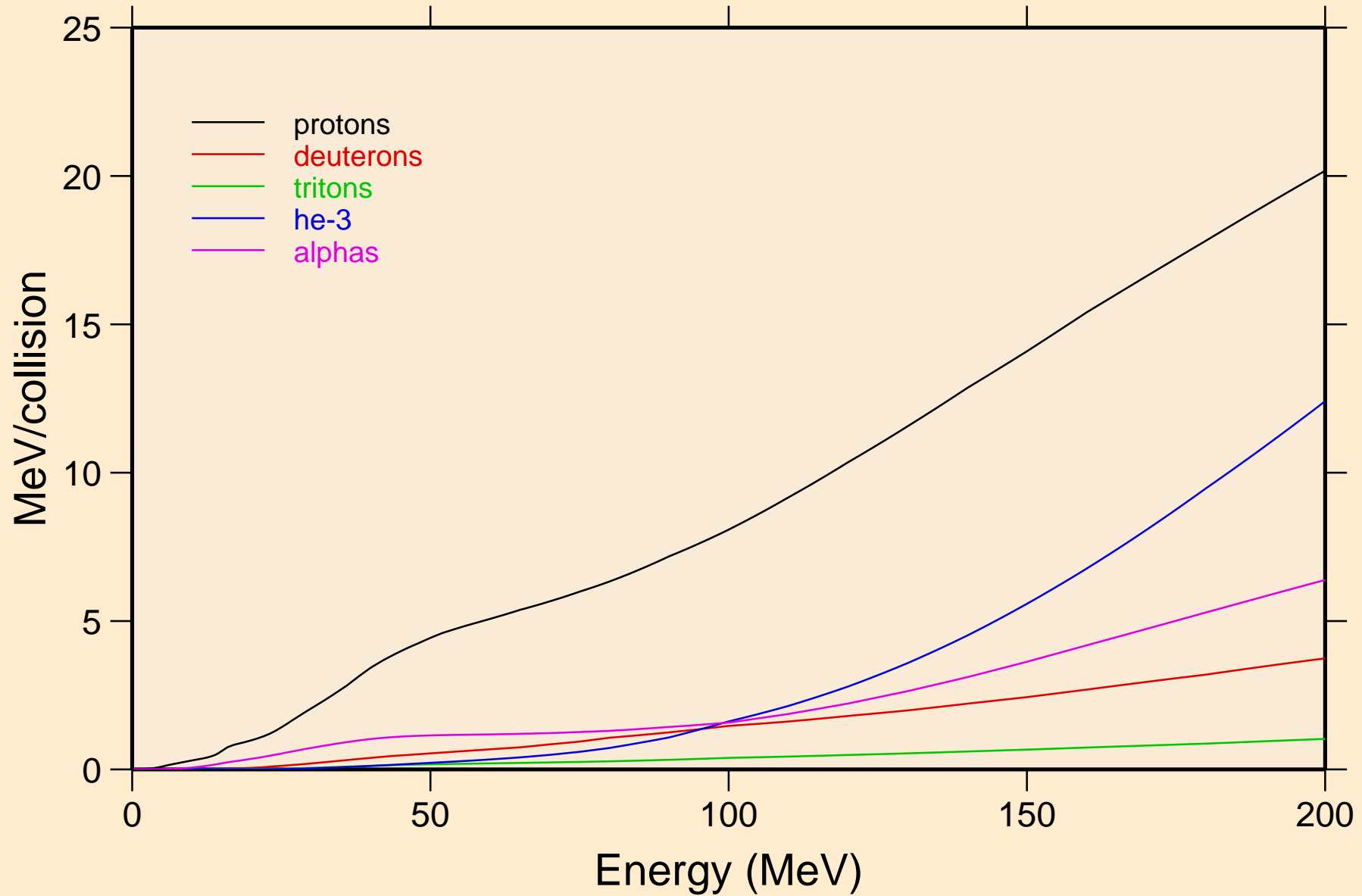
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum



OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum

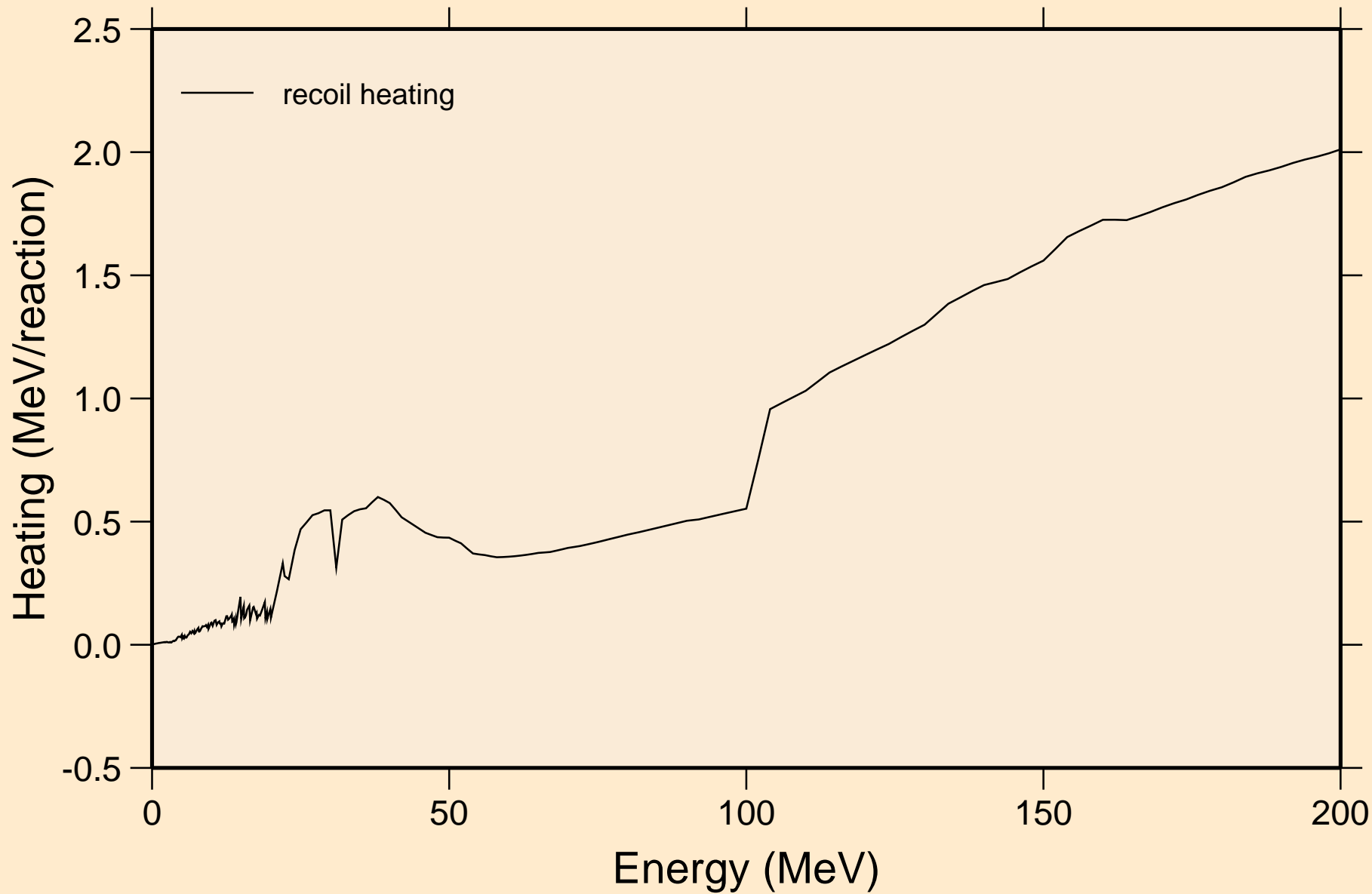


OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle heating contributions



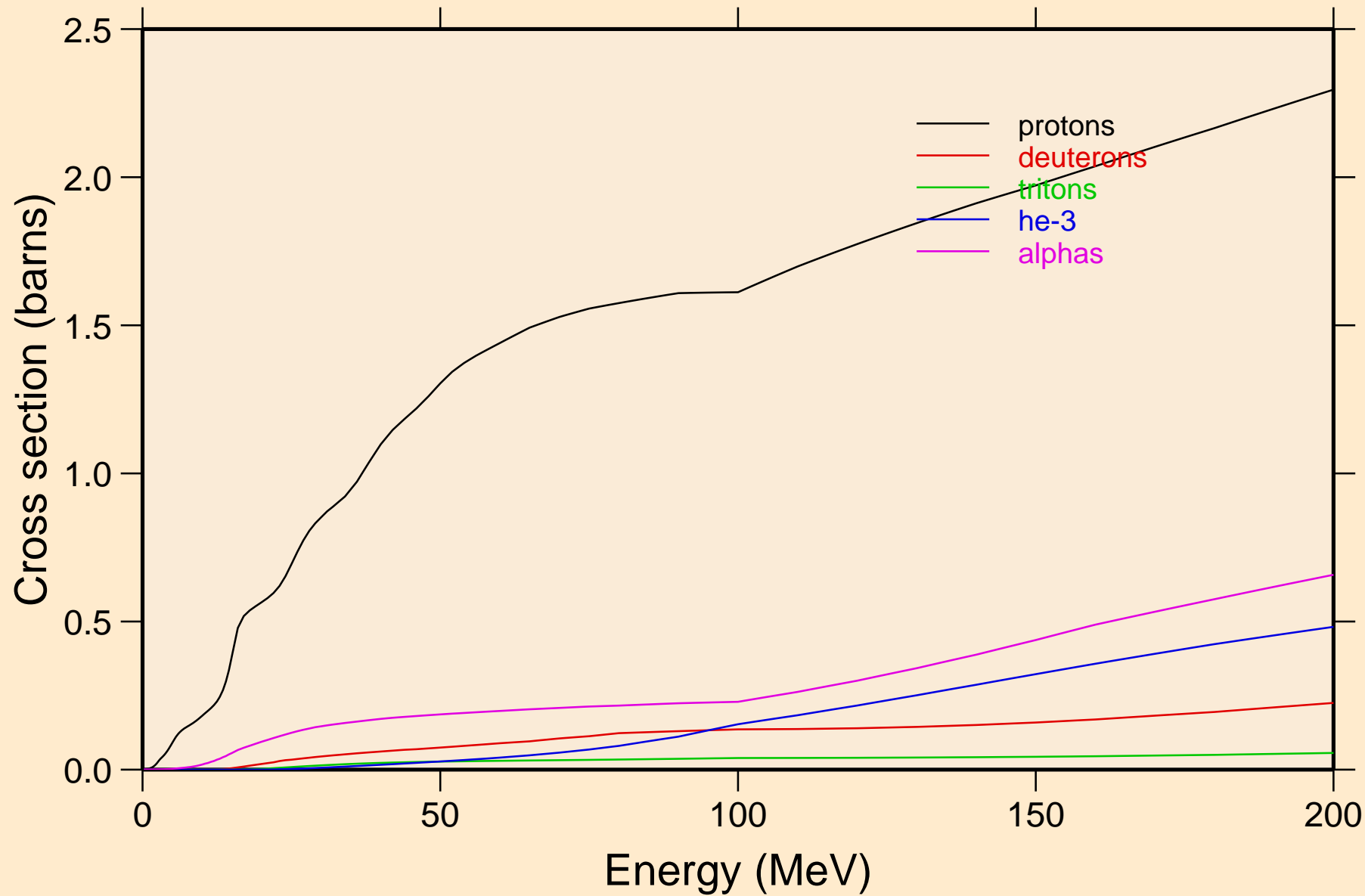
# OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Recoil Heating

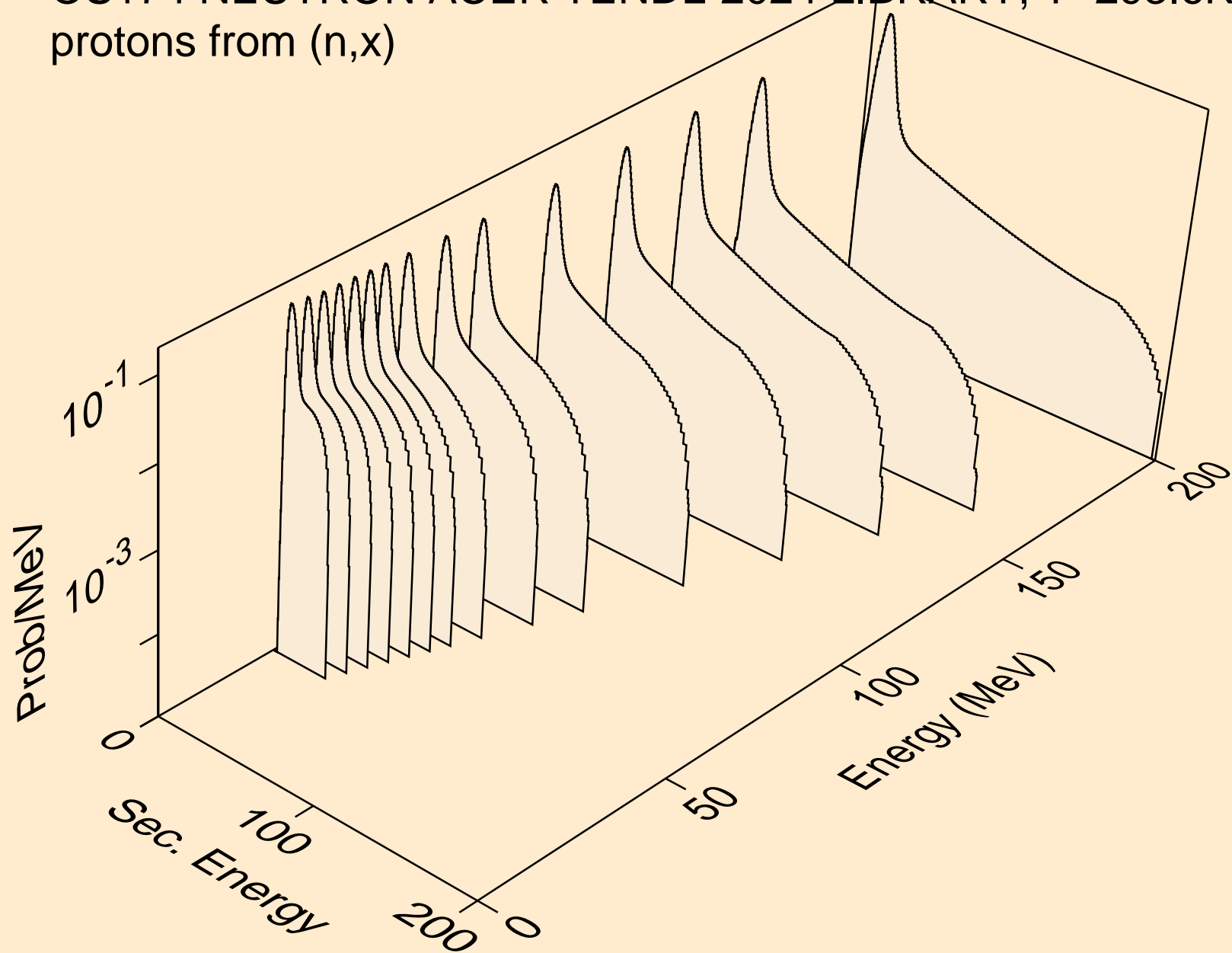


# OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

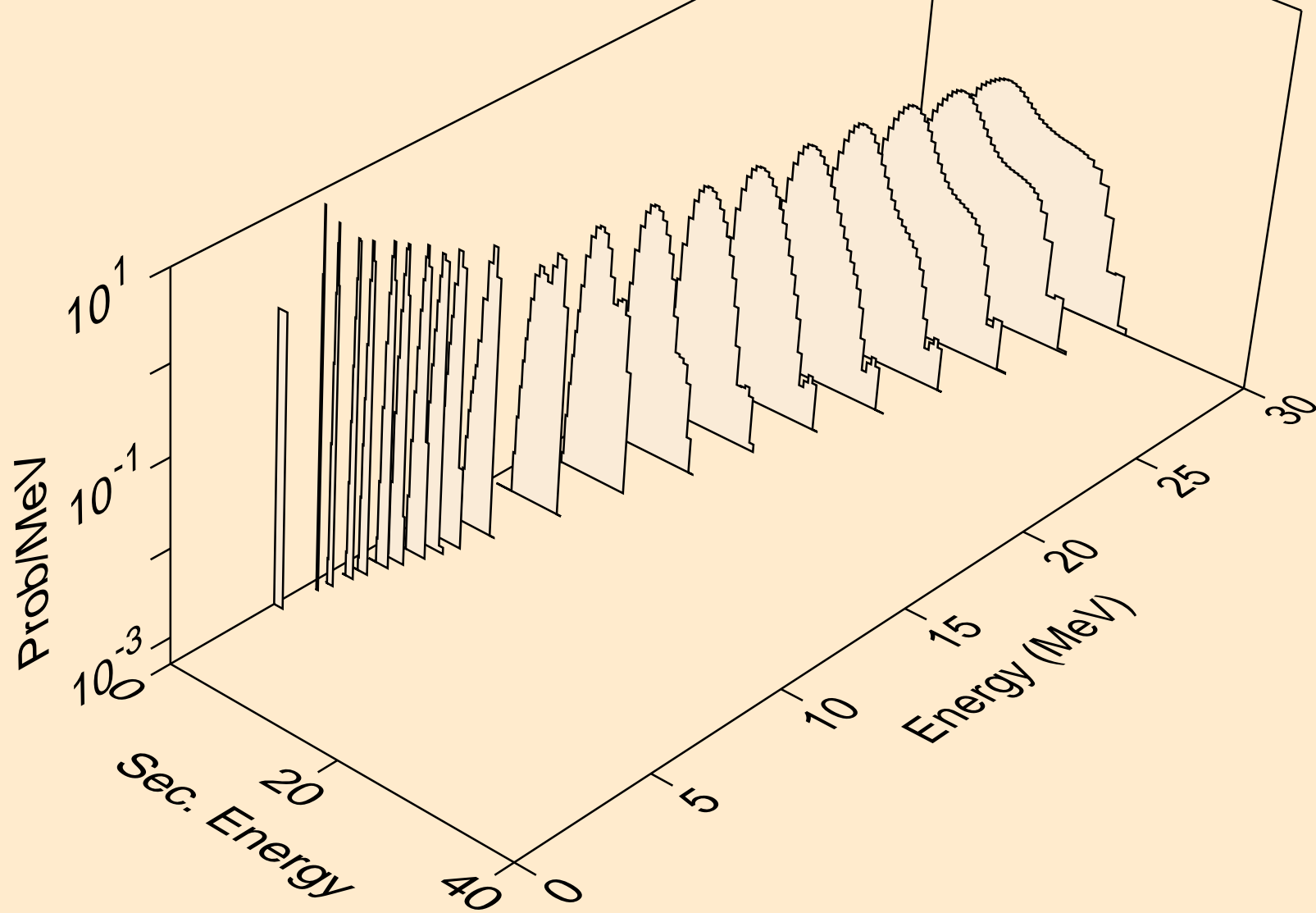
## Particle production cross sections



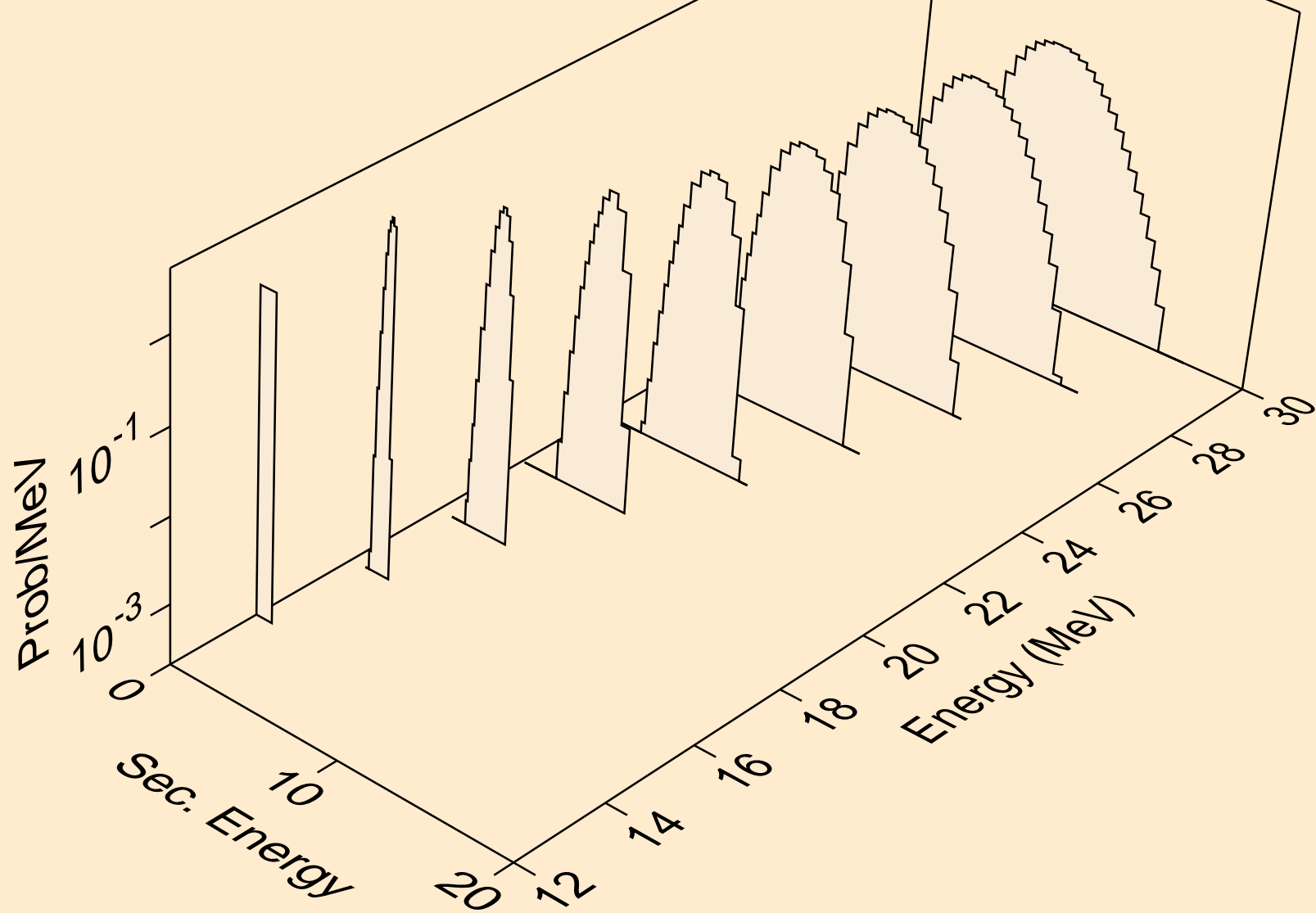
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



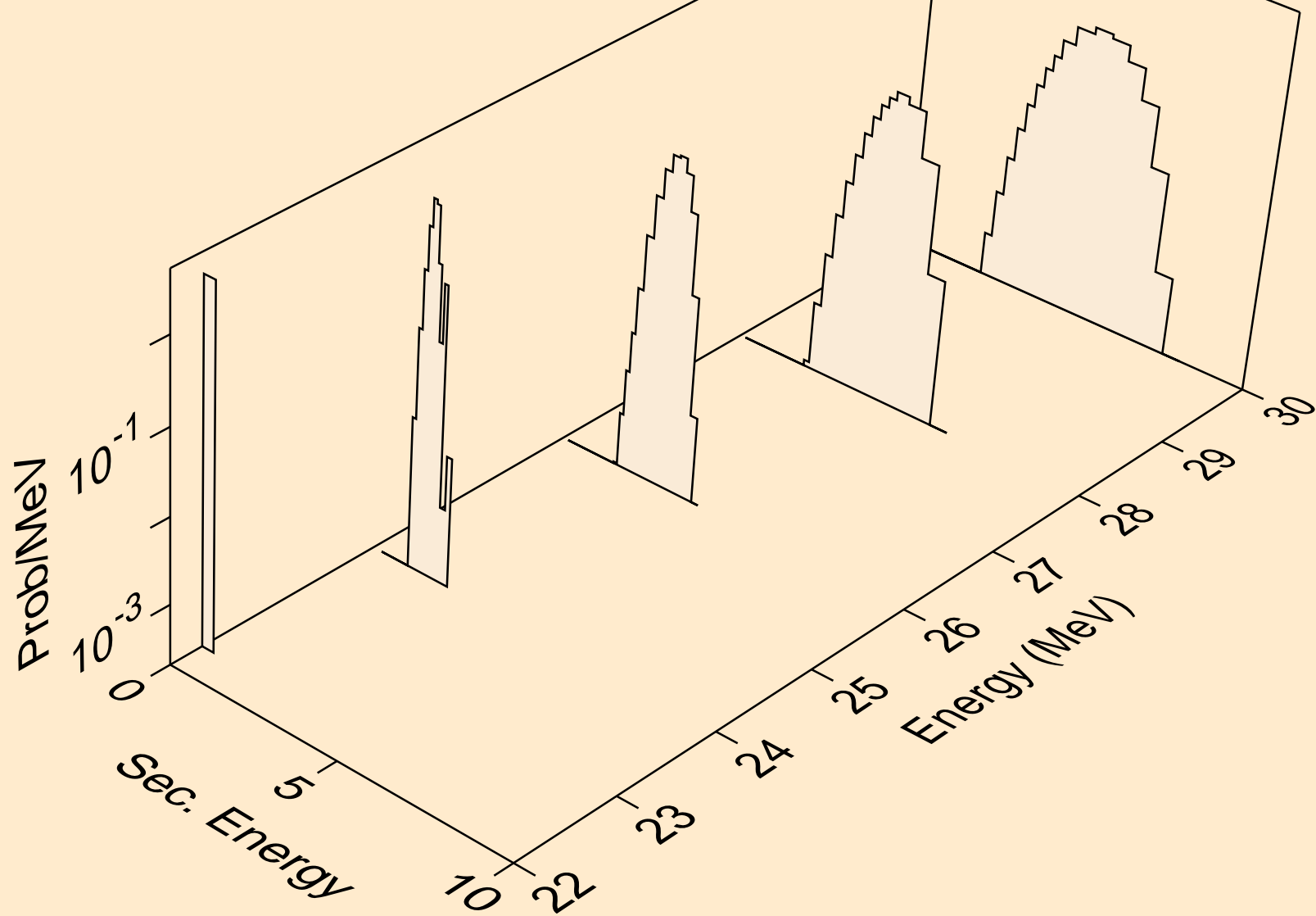
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



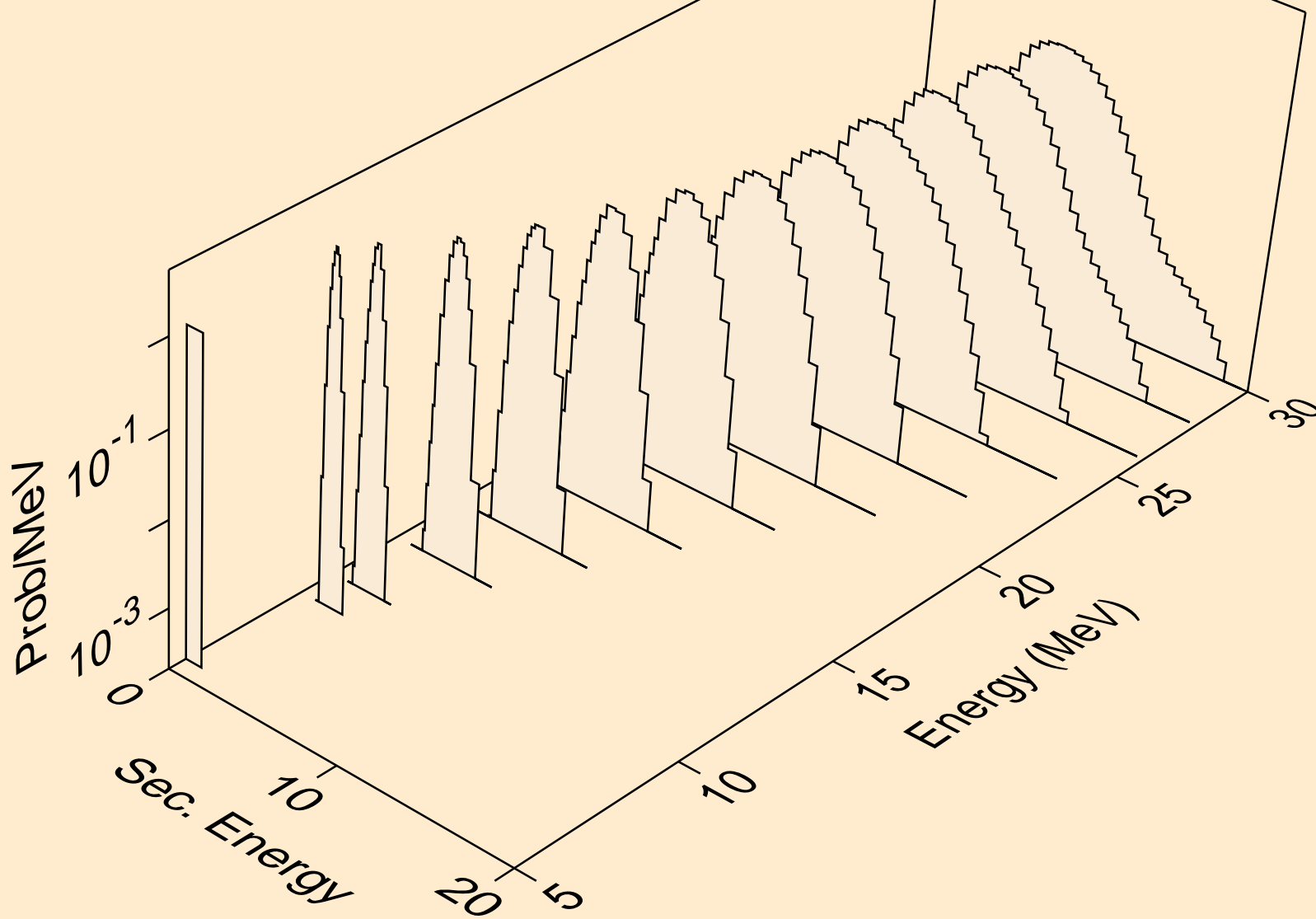
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2np)



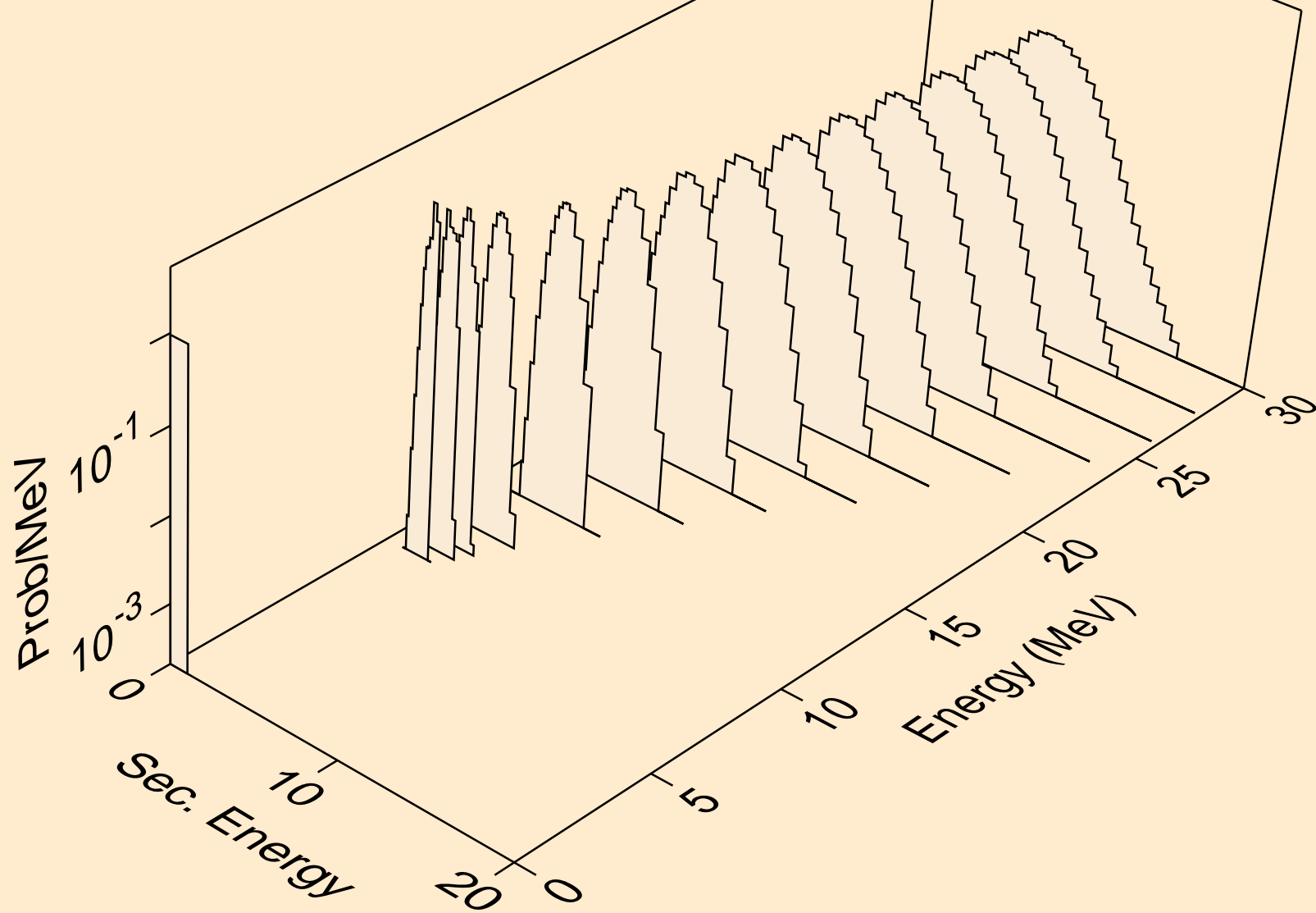
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protons from (n,3np)



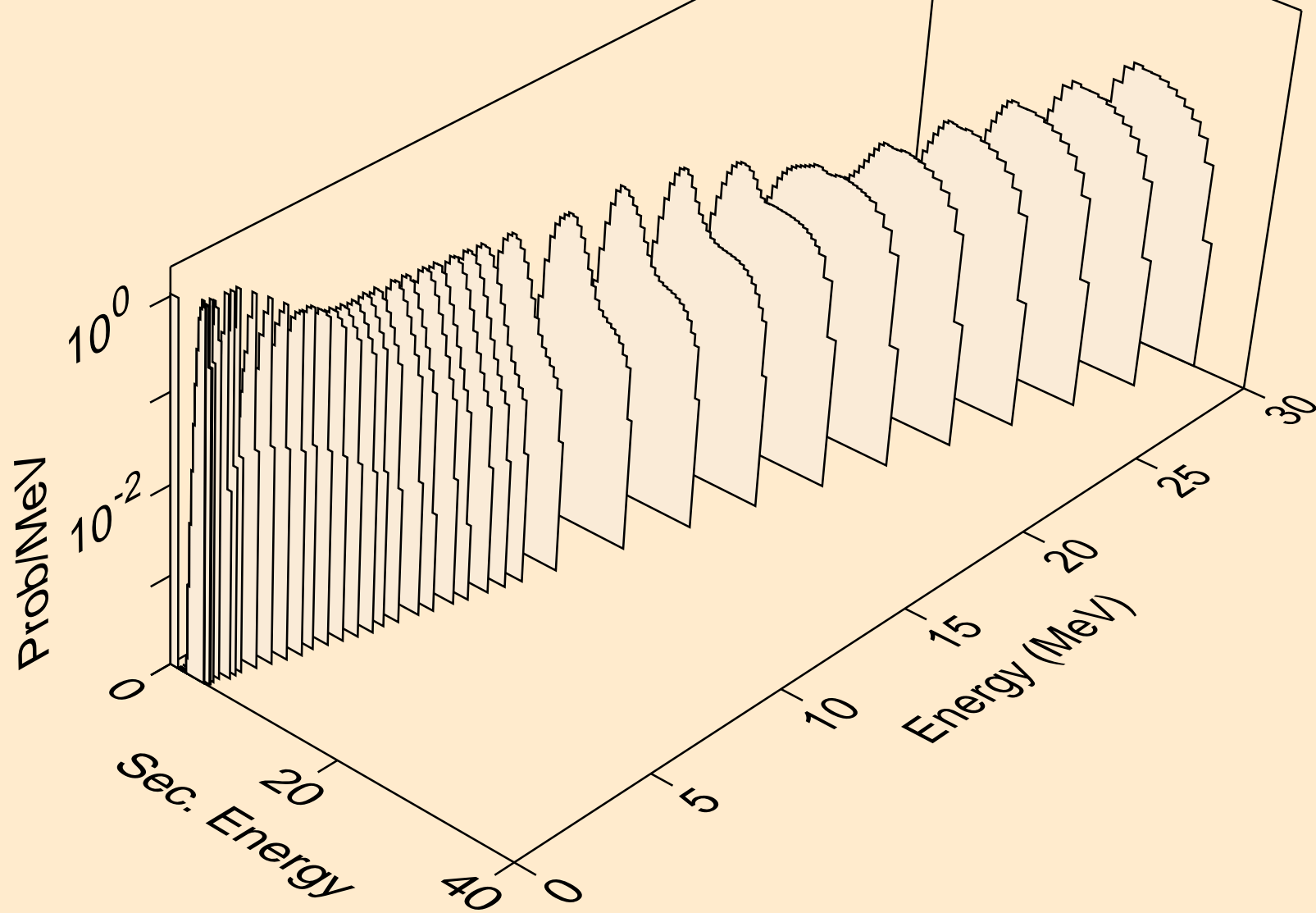
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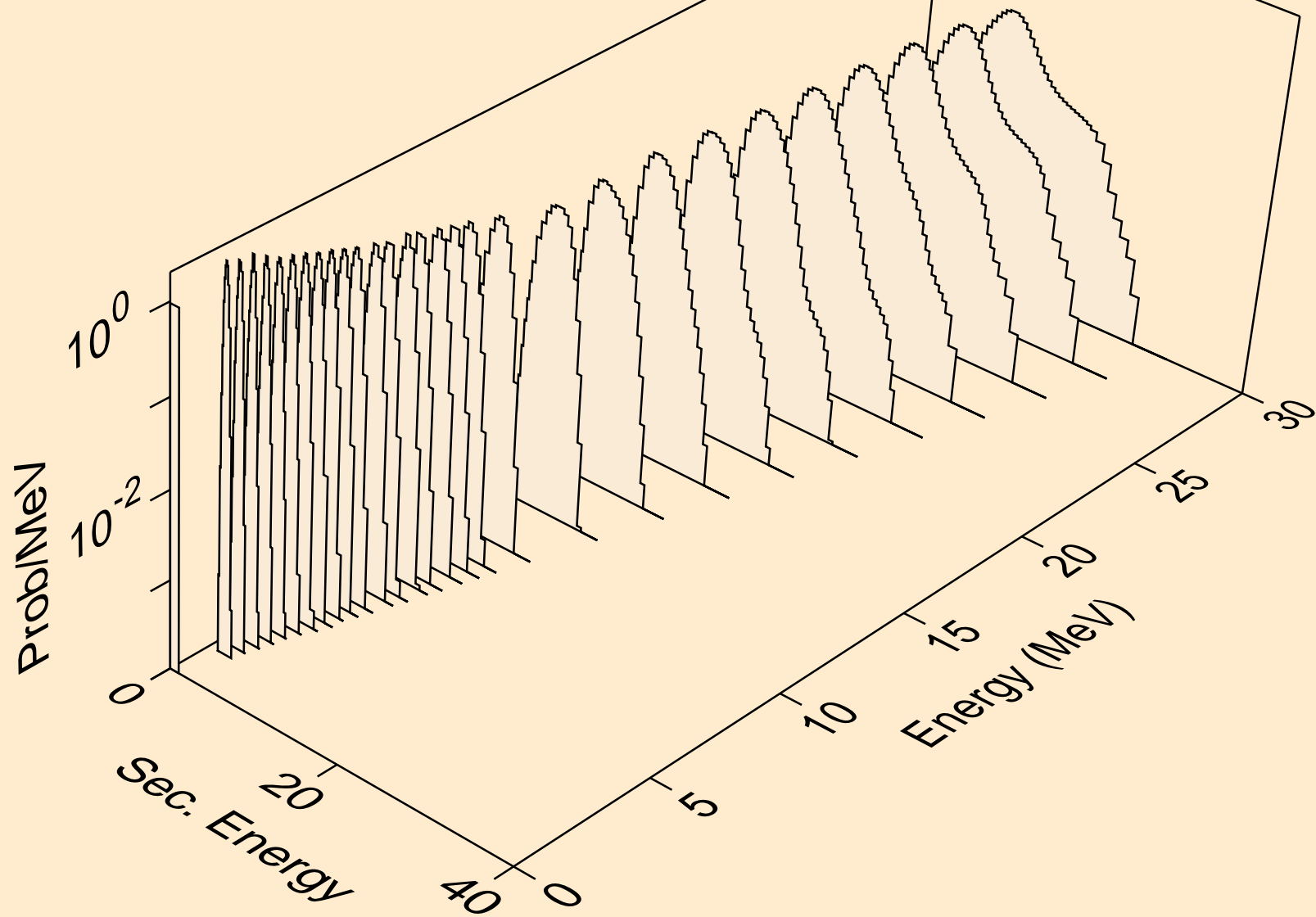
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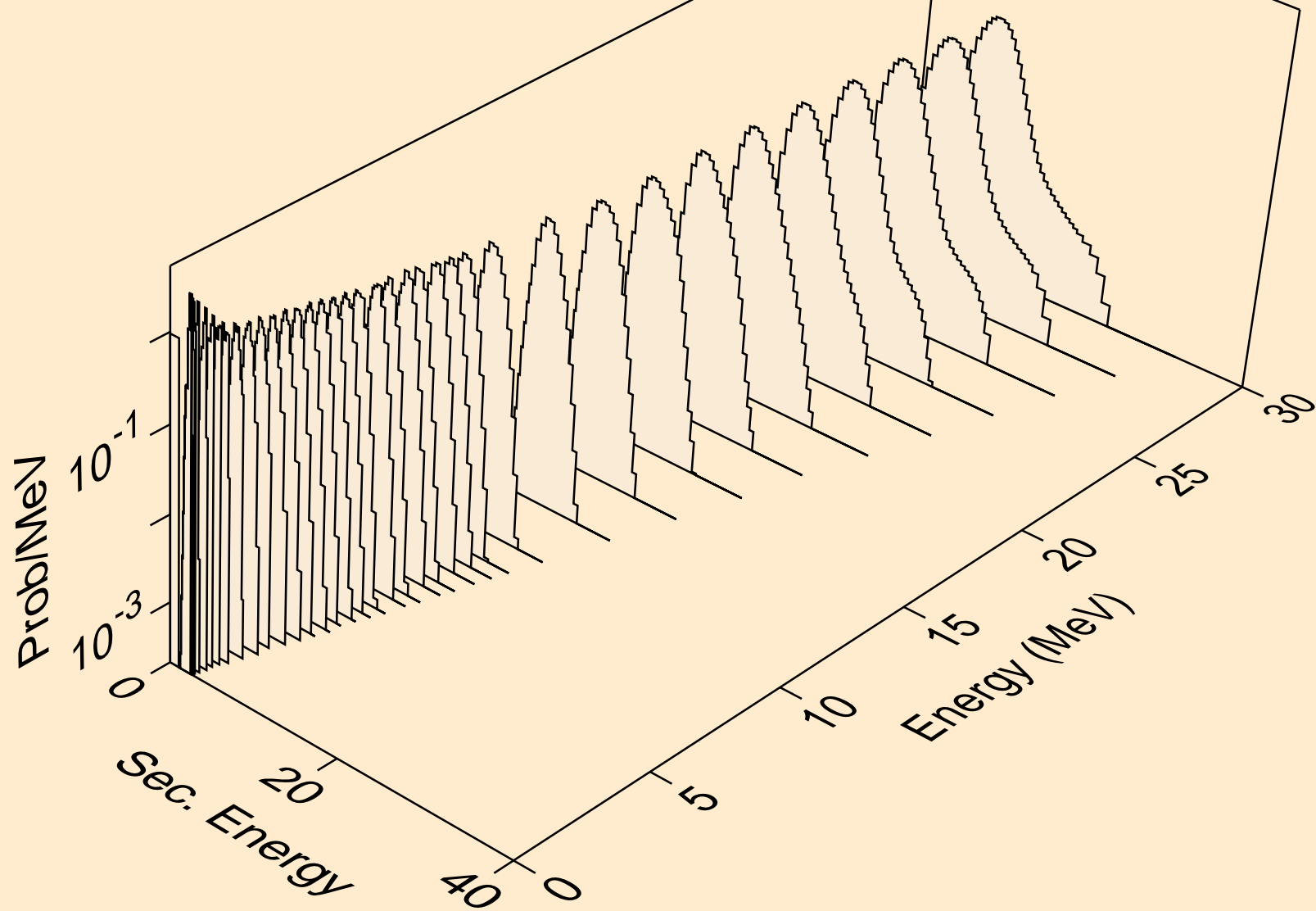
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protons from (n,p)



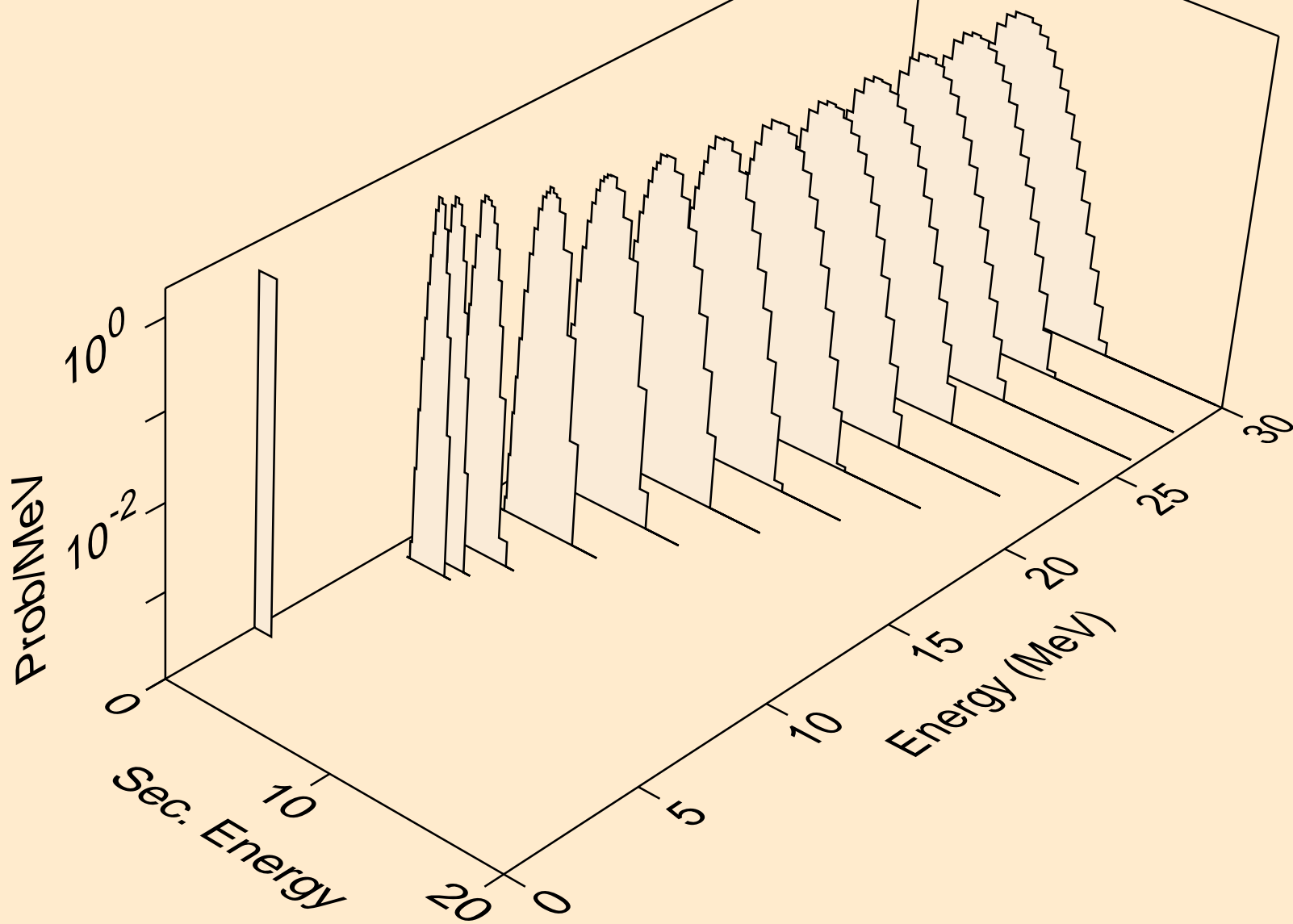
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protons from (n,2p)



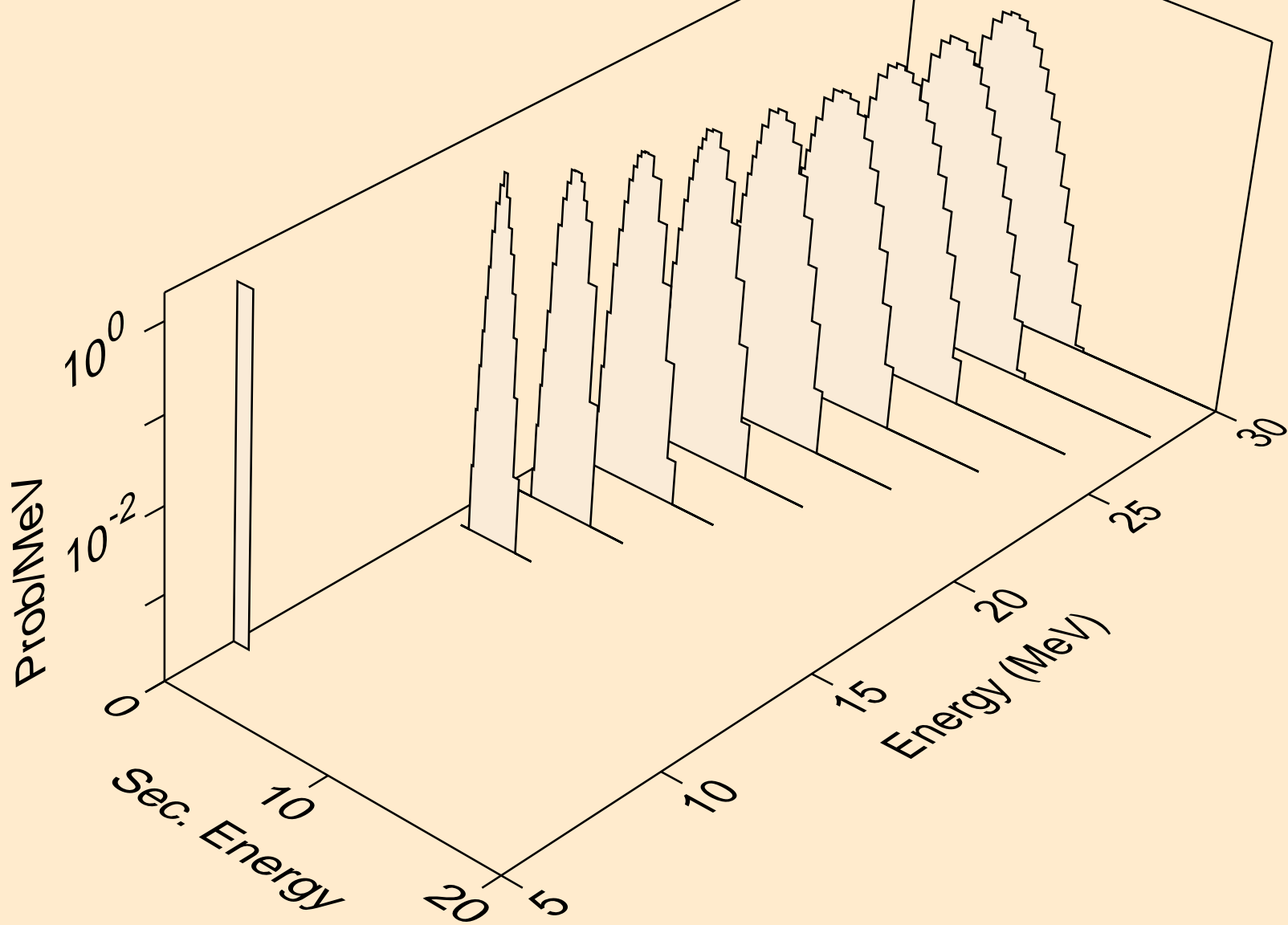
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protons from (n,p)



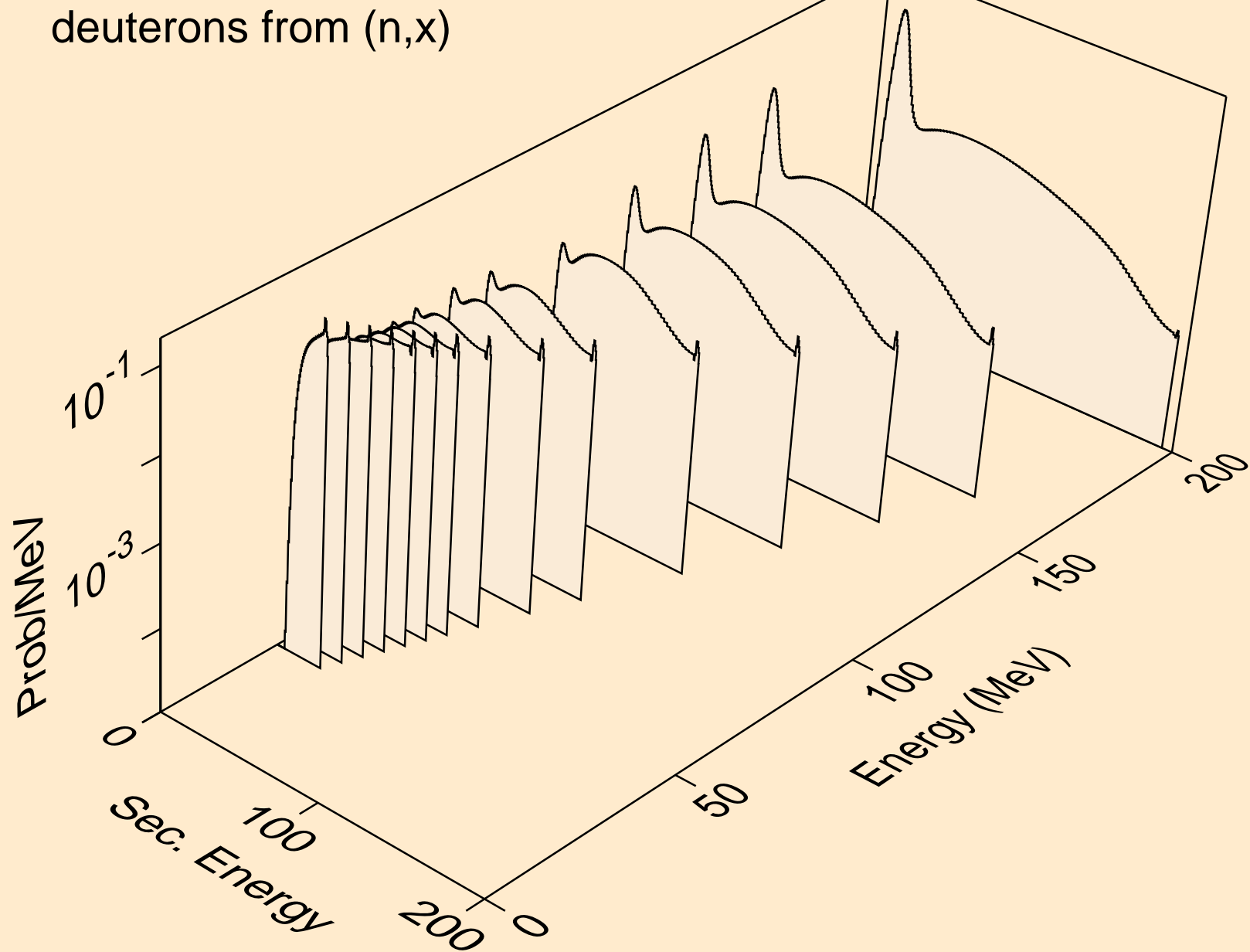
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protons from (n,pd)



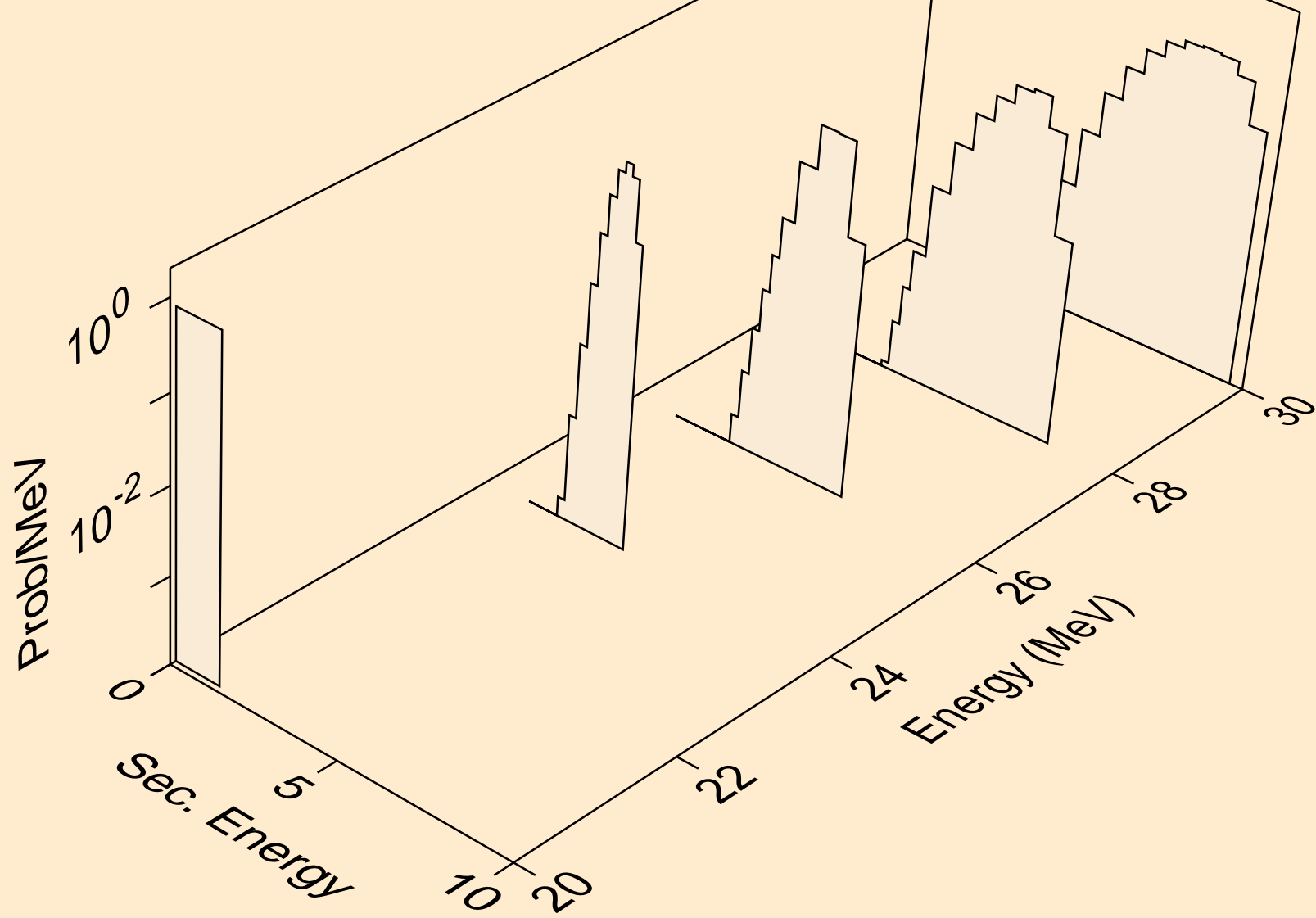
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protons from (n,pt)



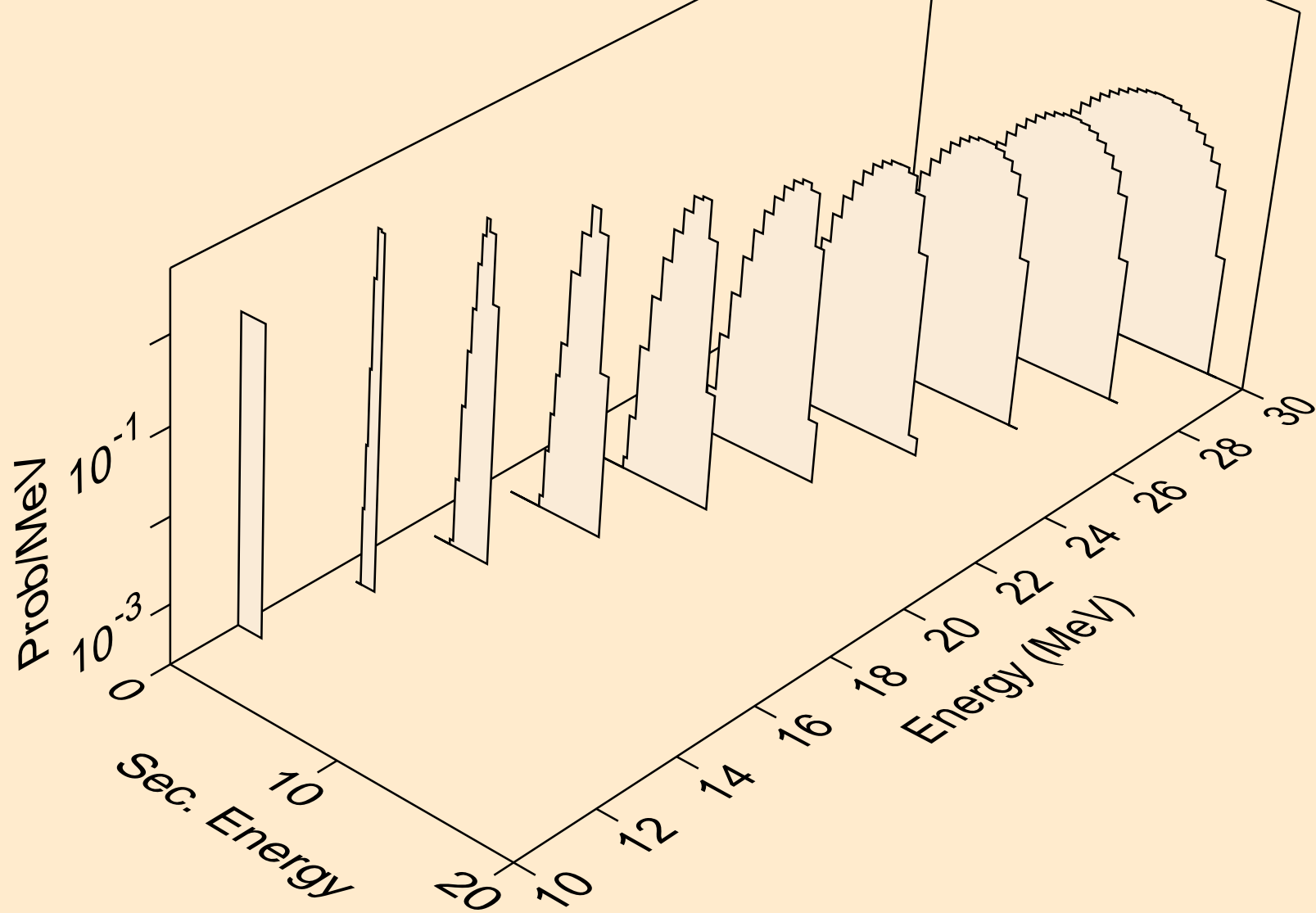
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



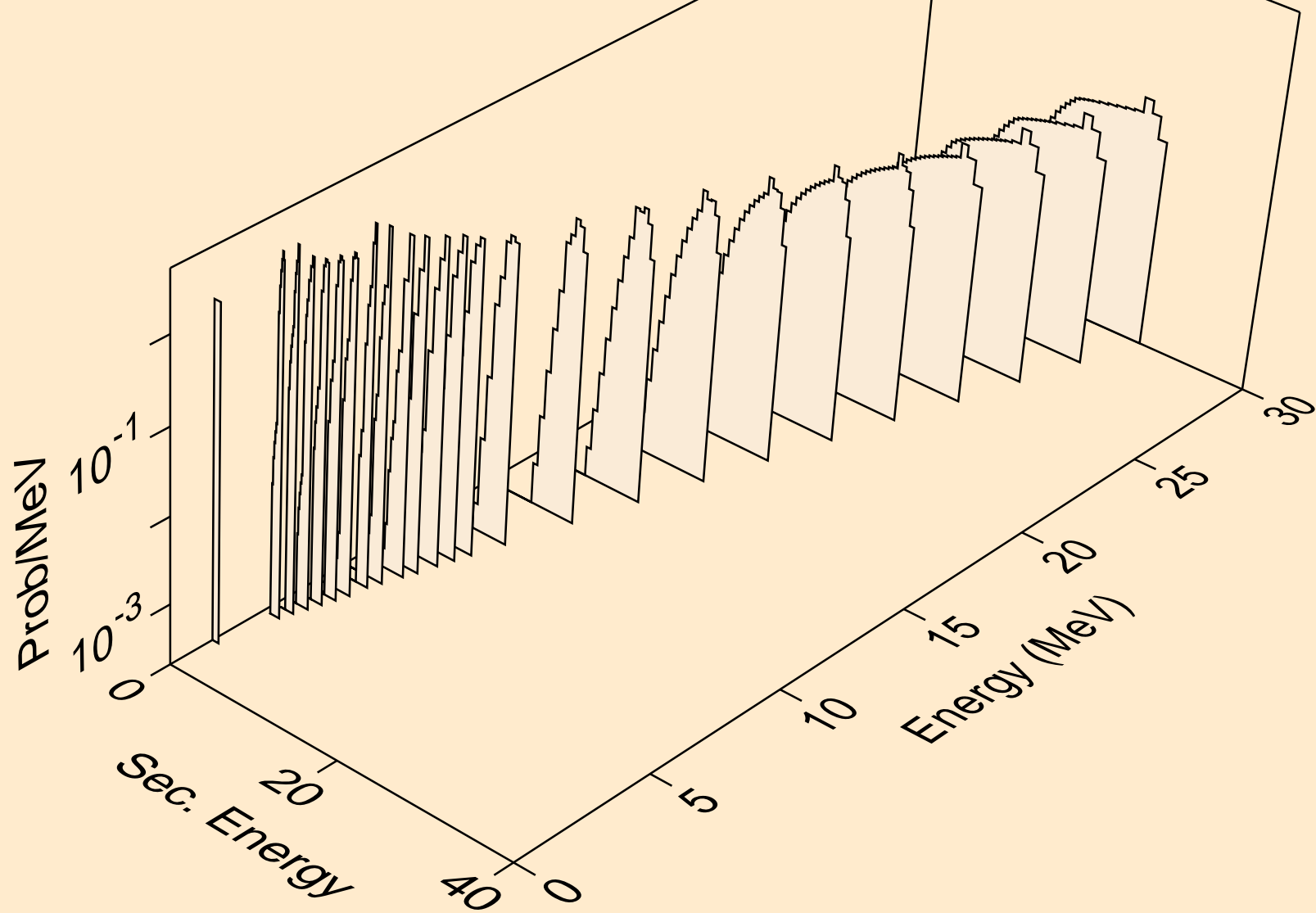
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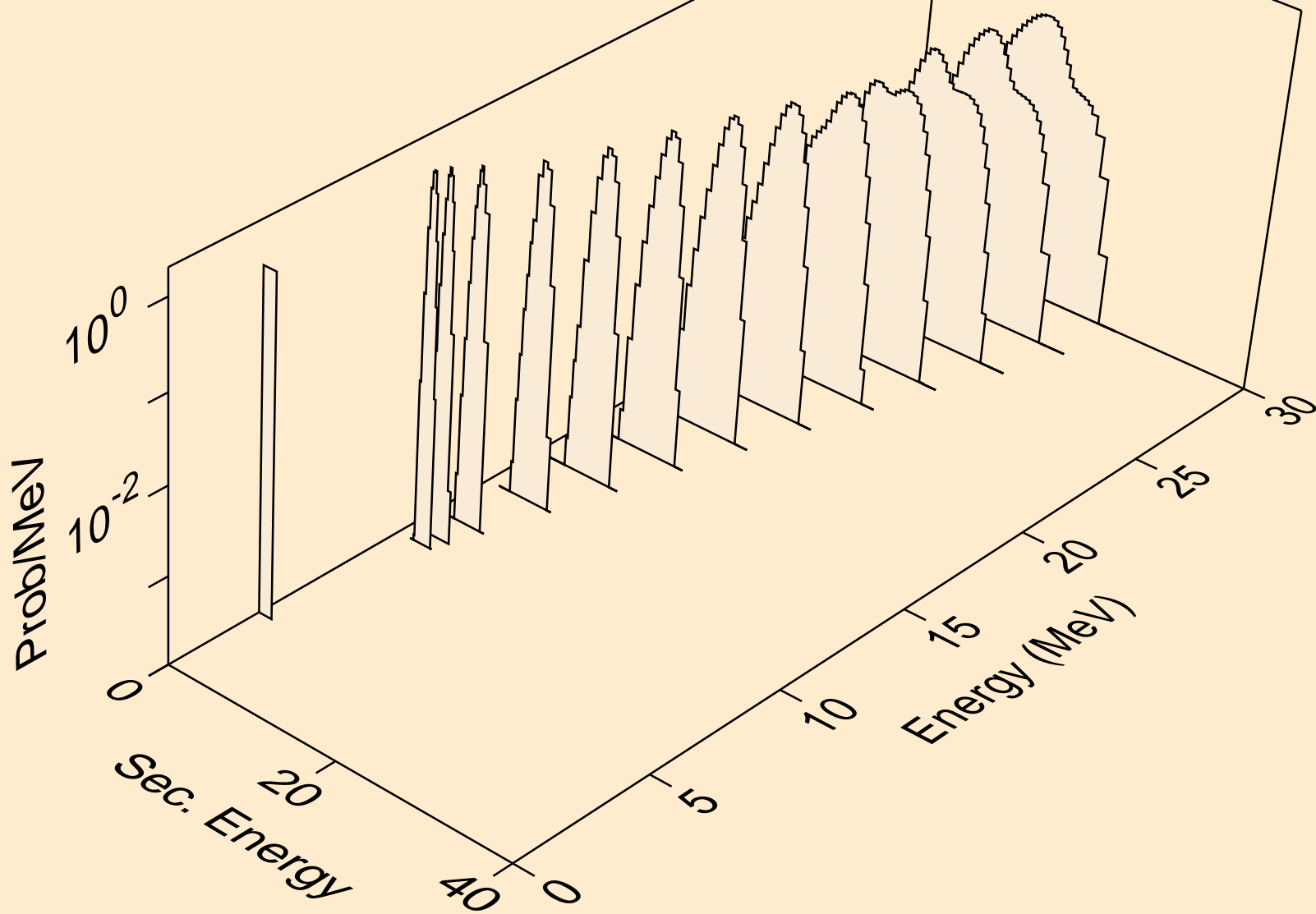
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deuterons from (n,n\*)d



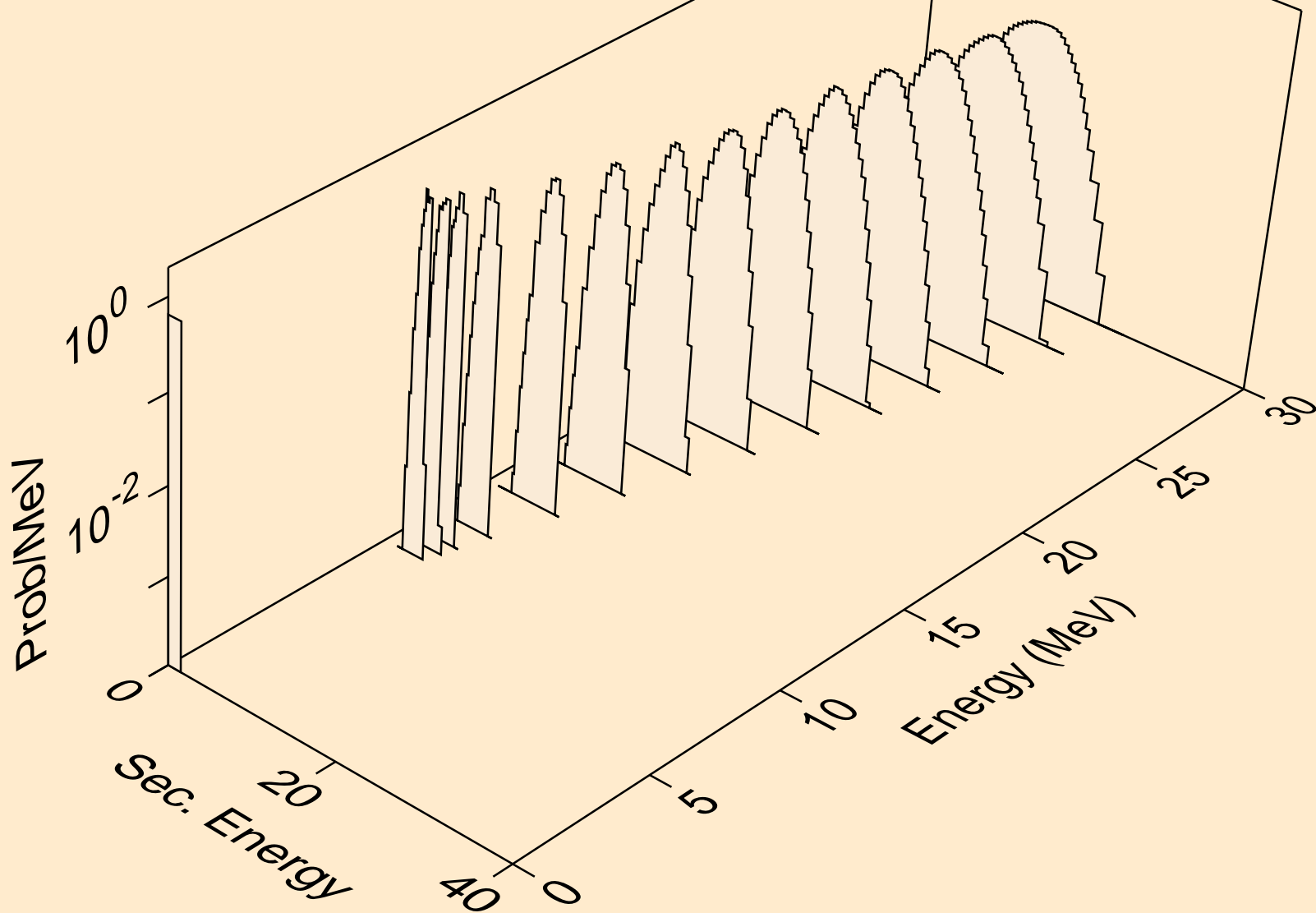
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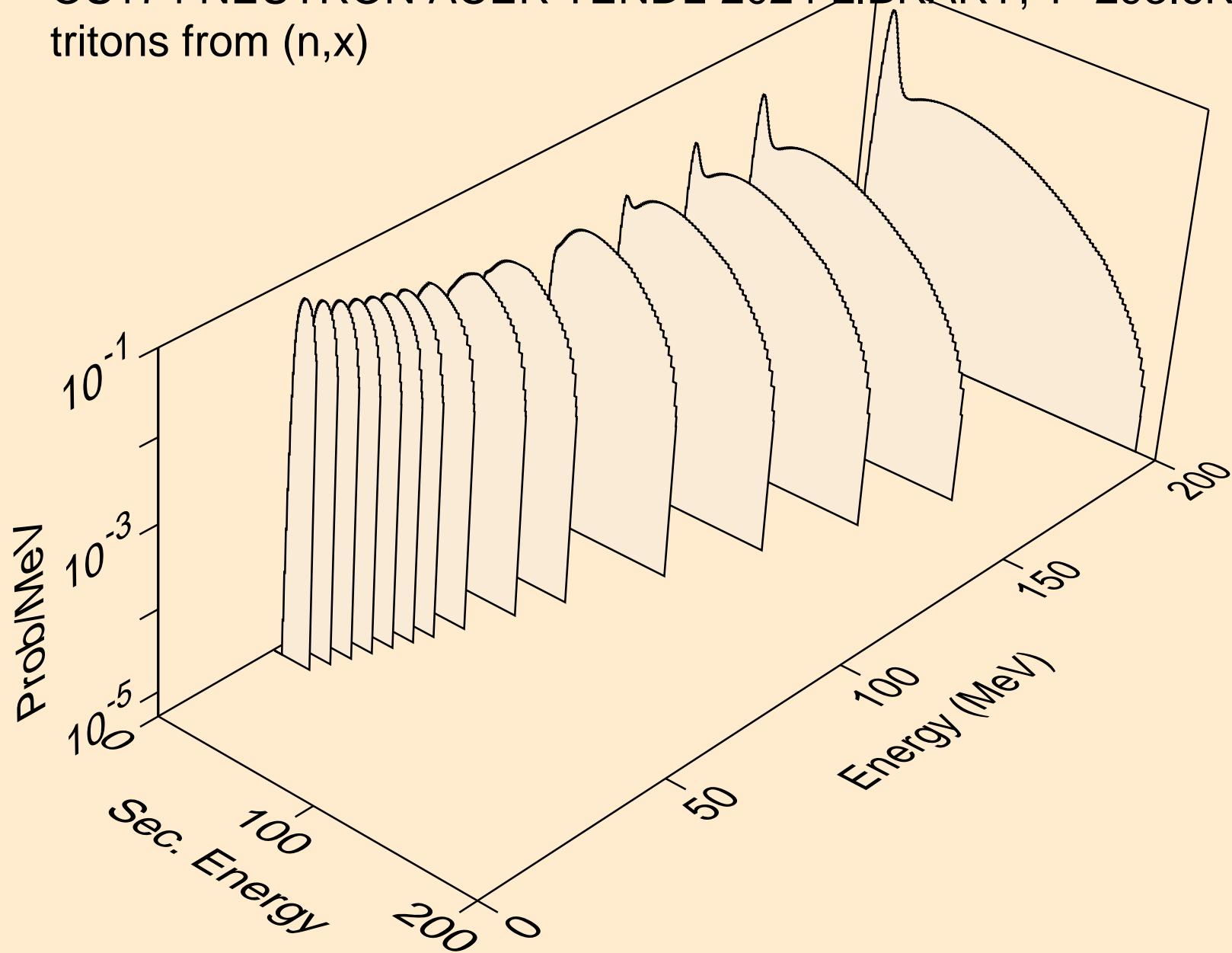
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
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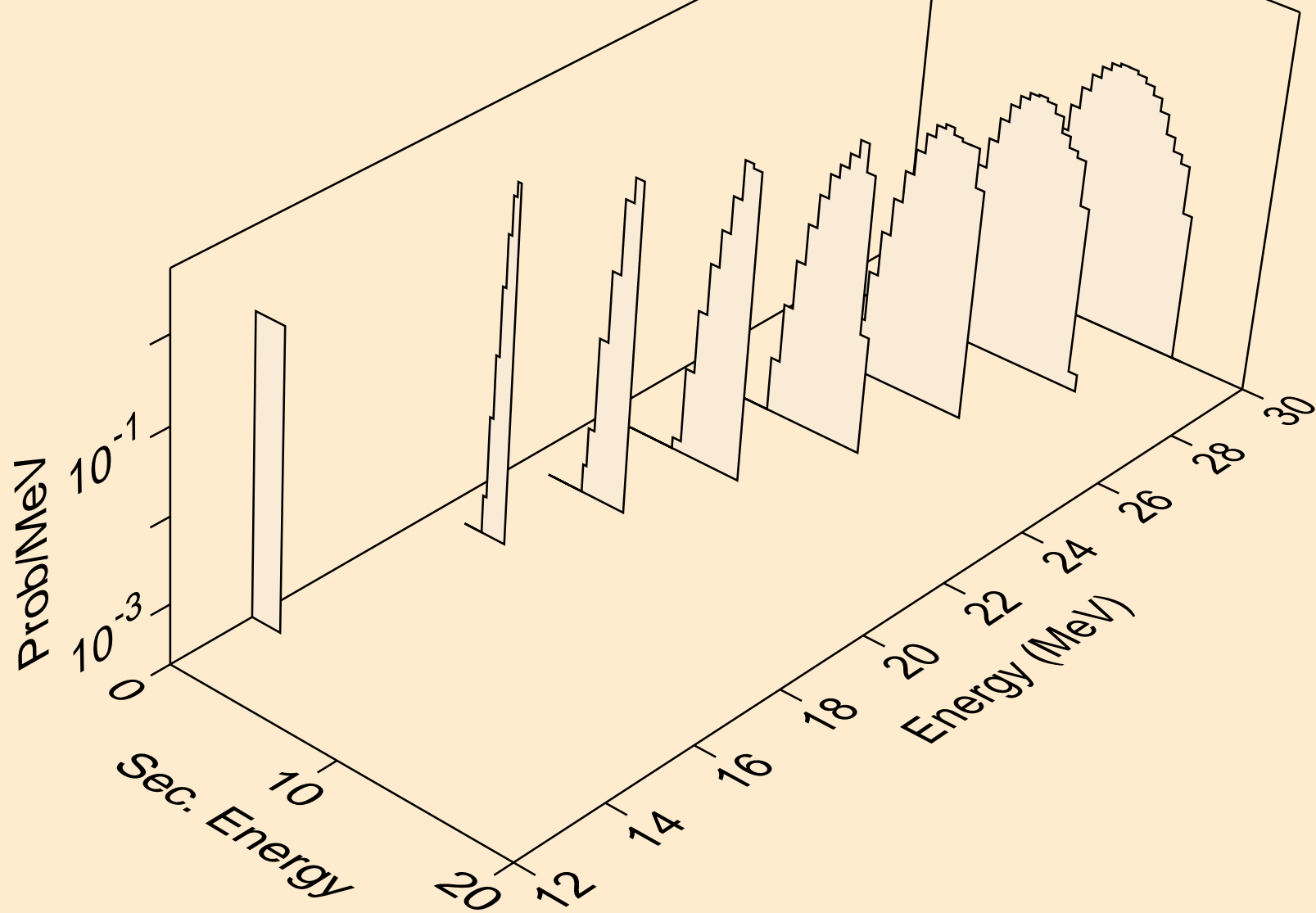
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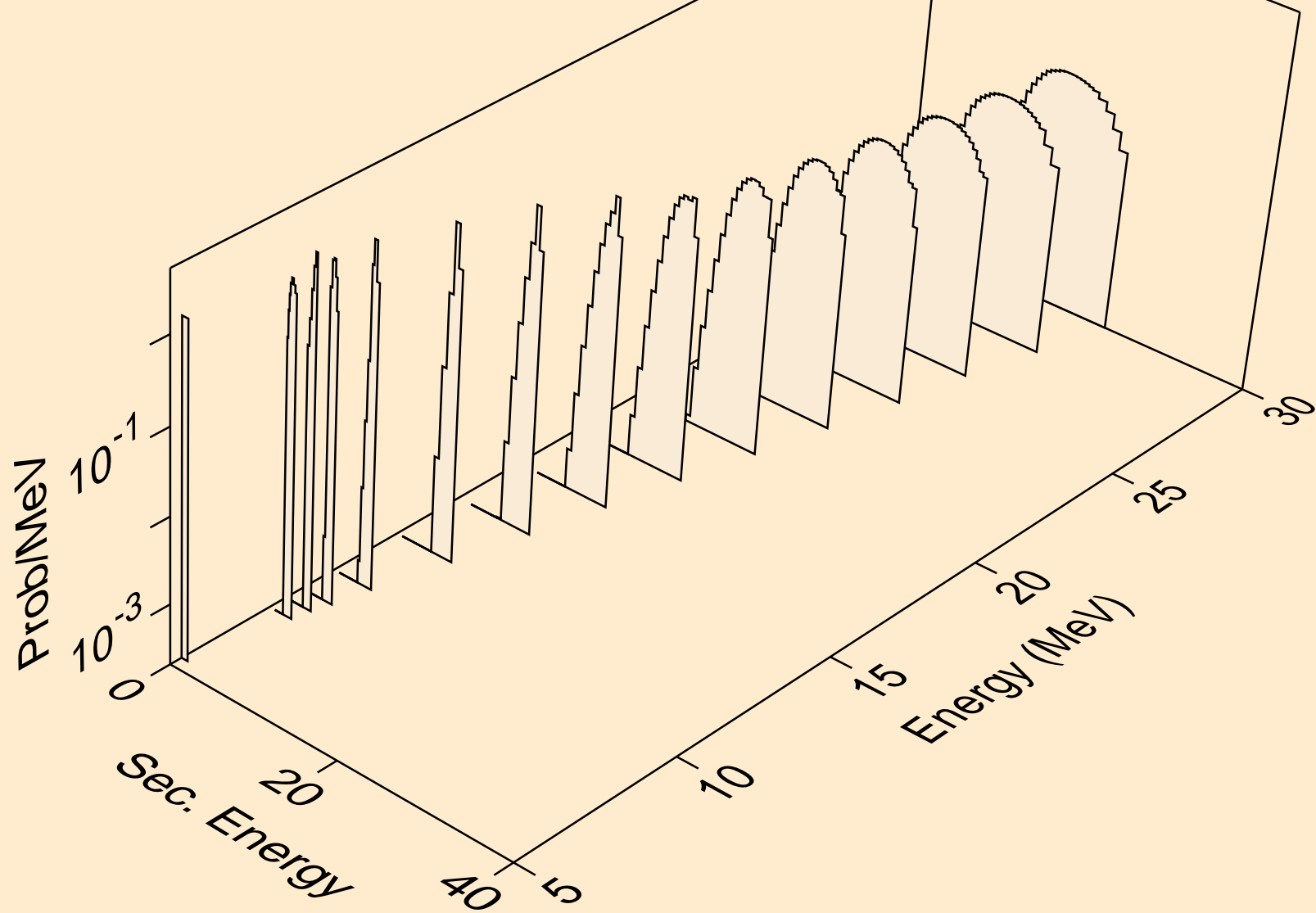
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tritons from (n,x)



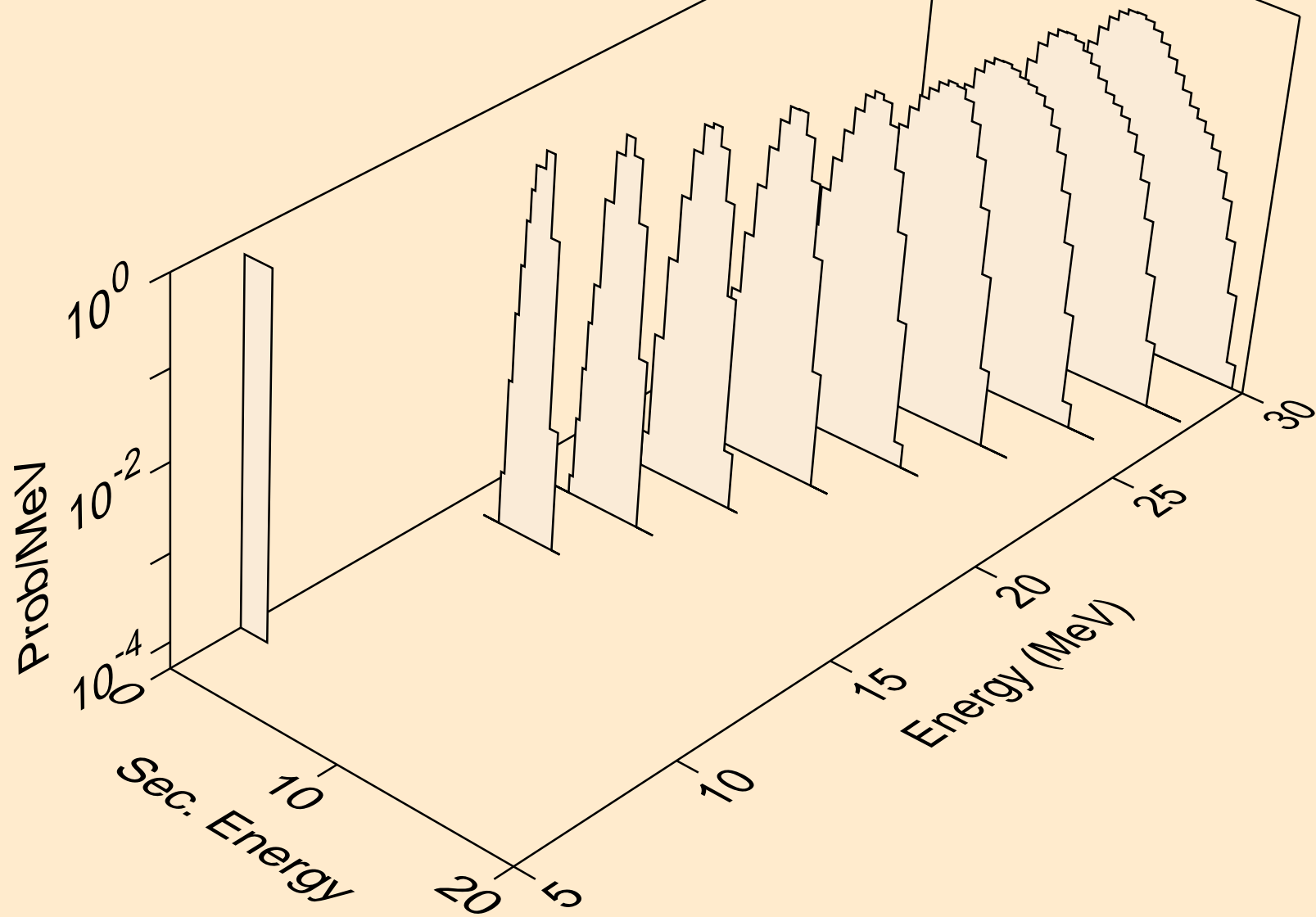
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



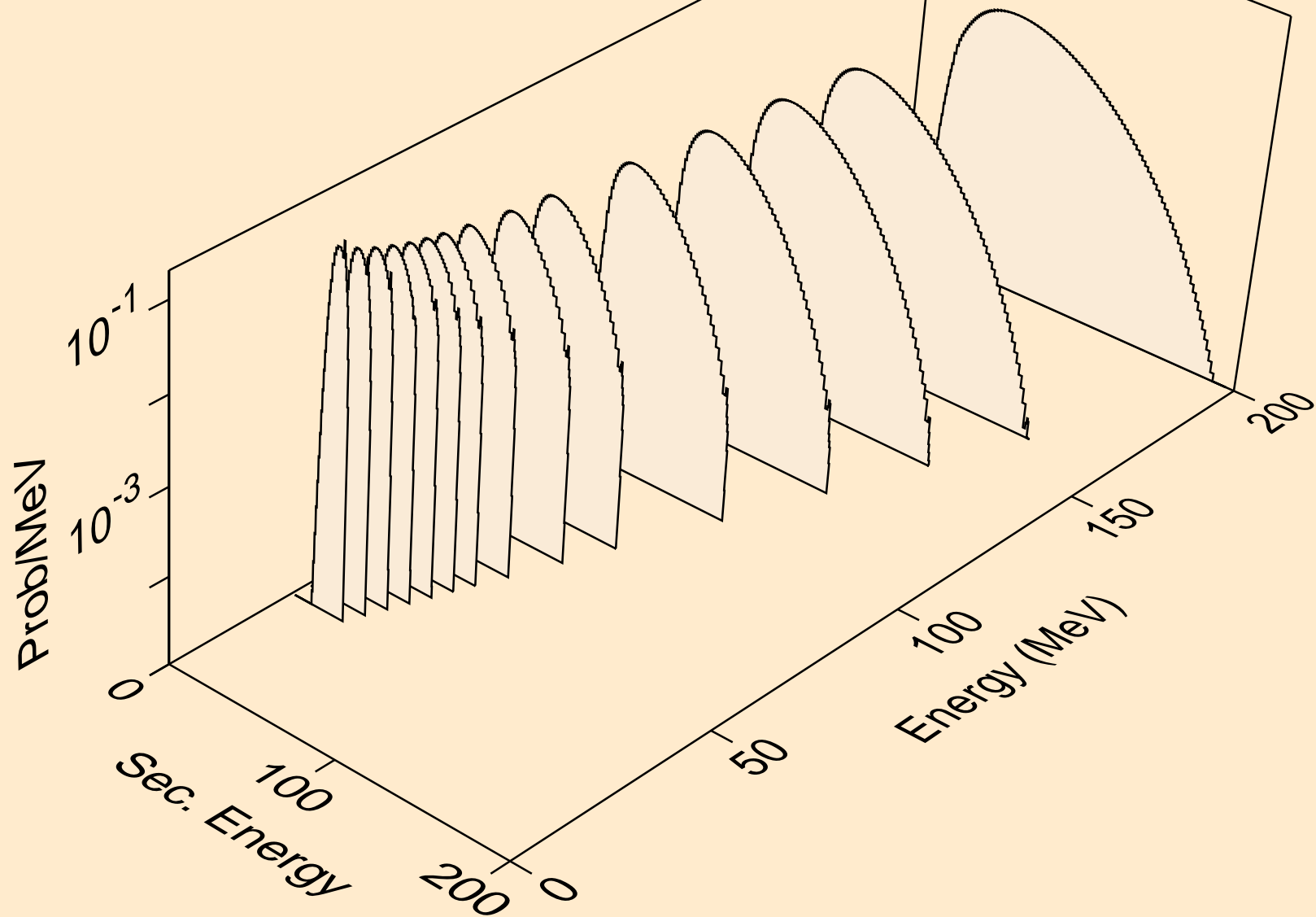
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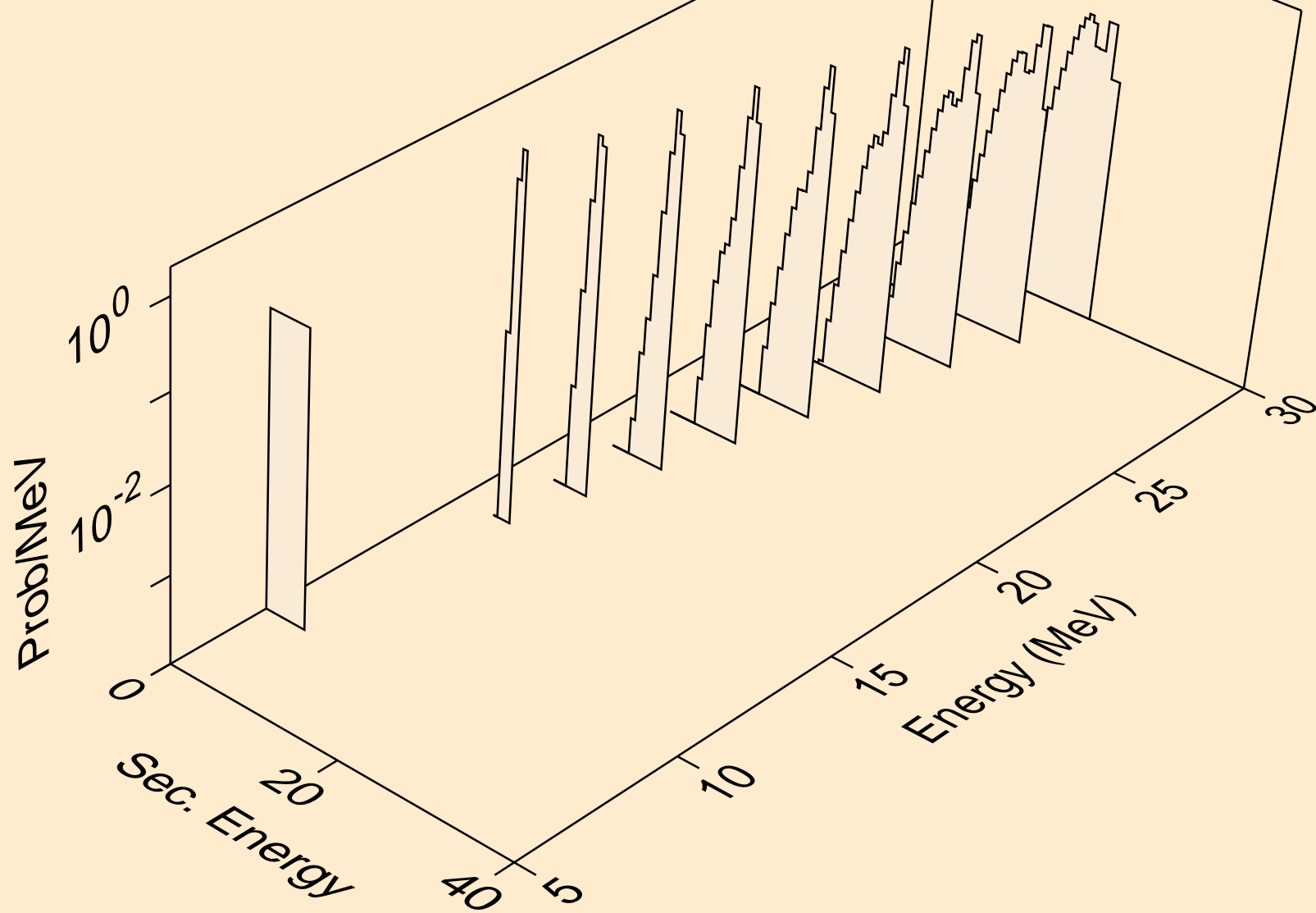
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tritons from (n,pt)



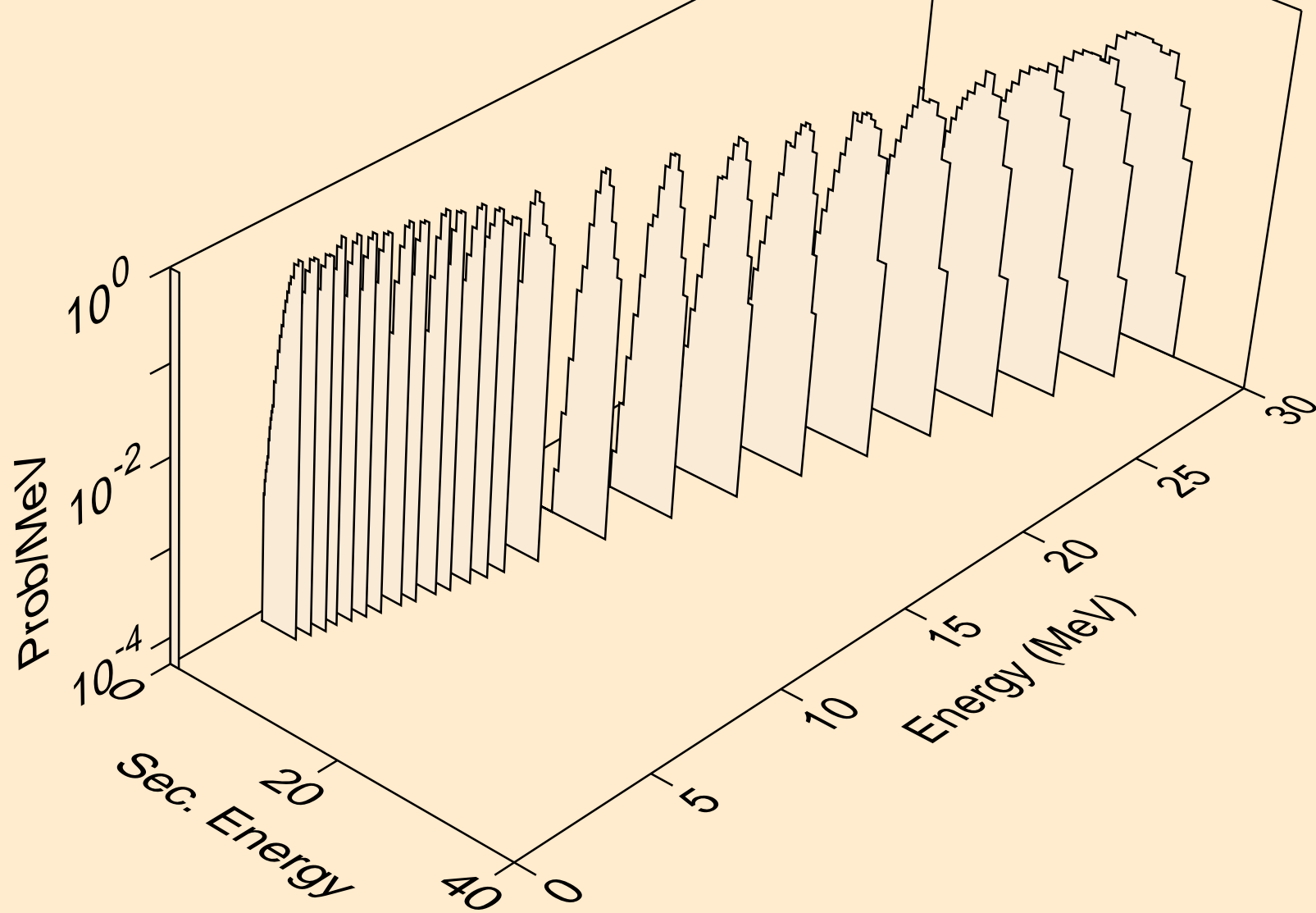
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



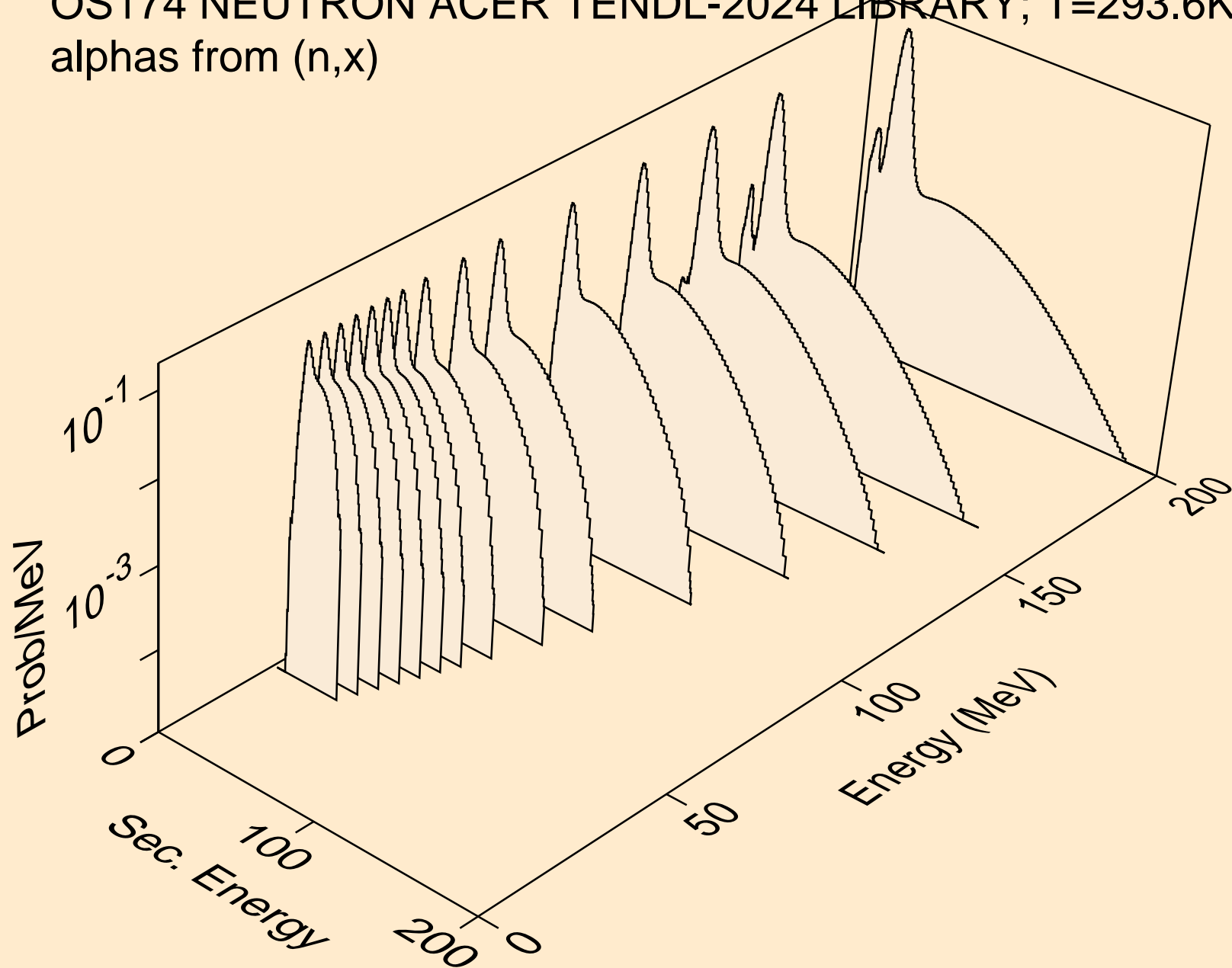
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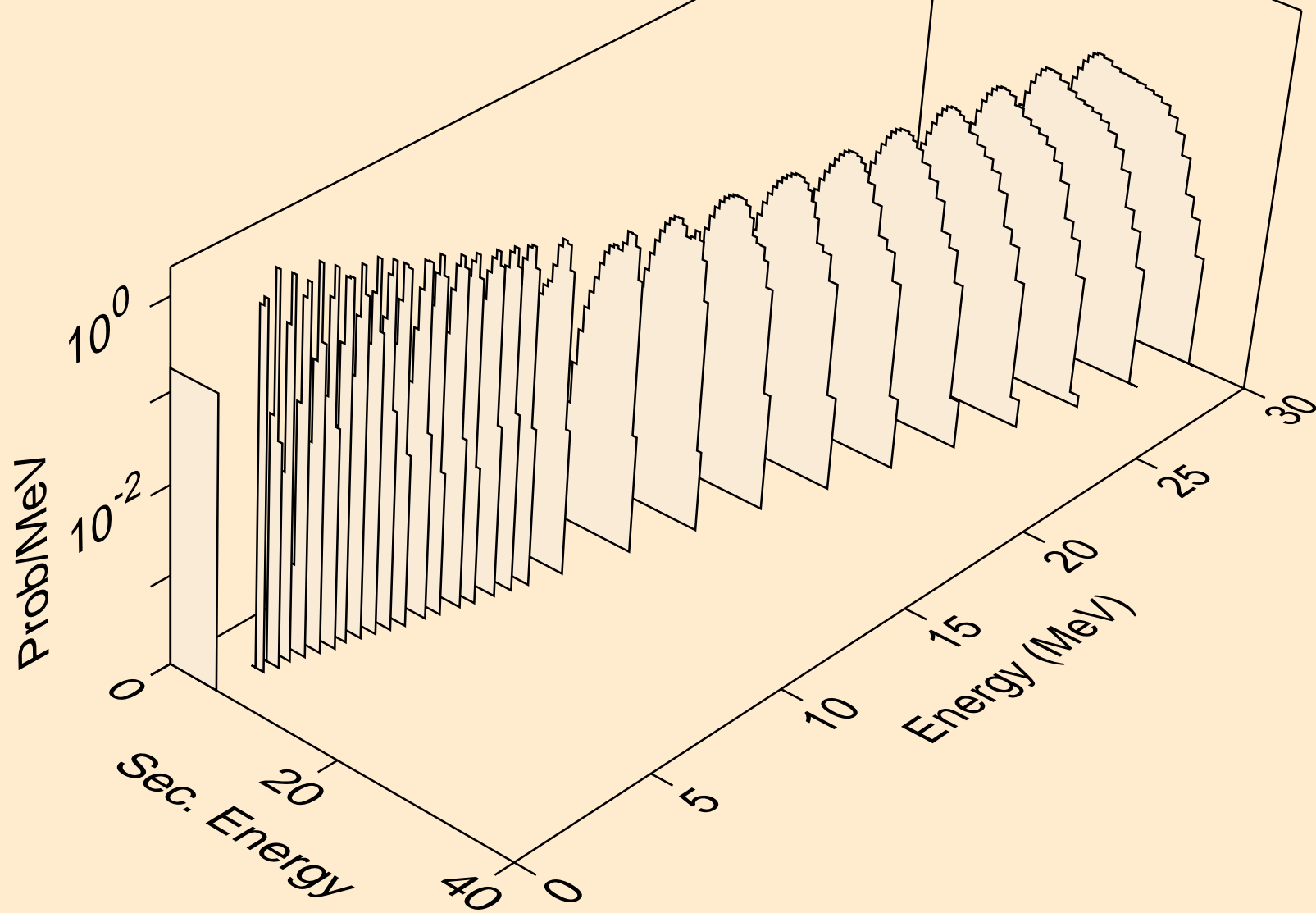
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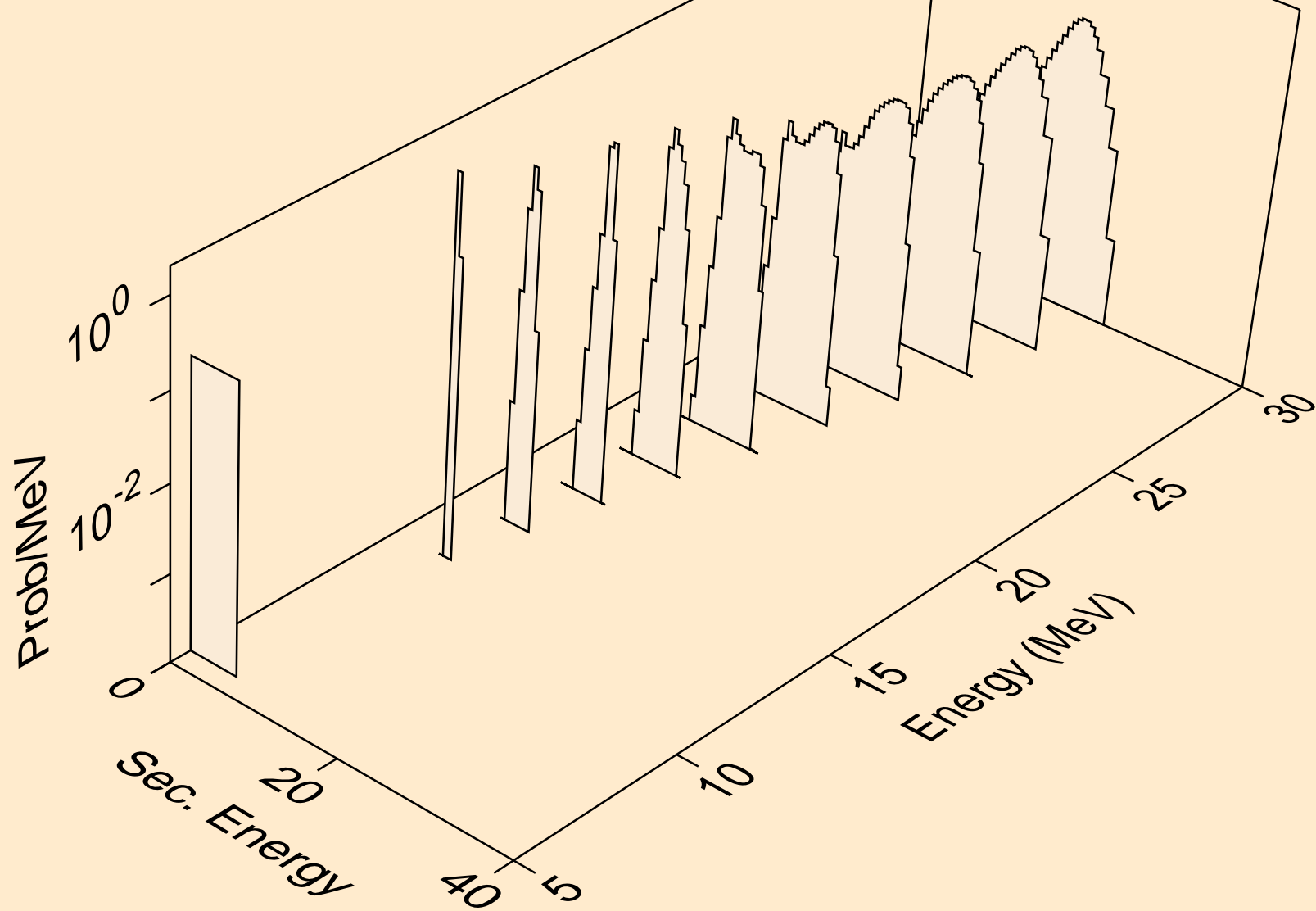
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



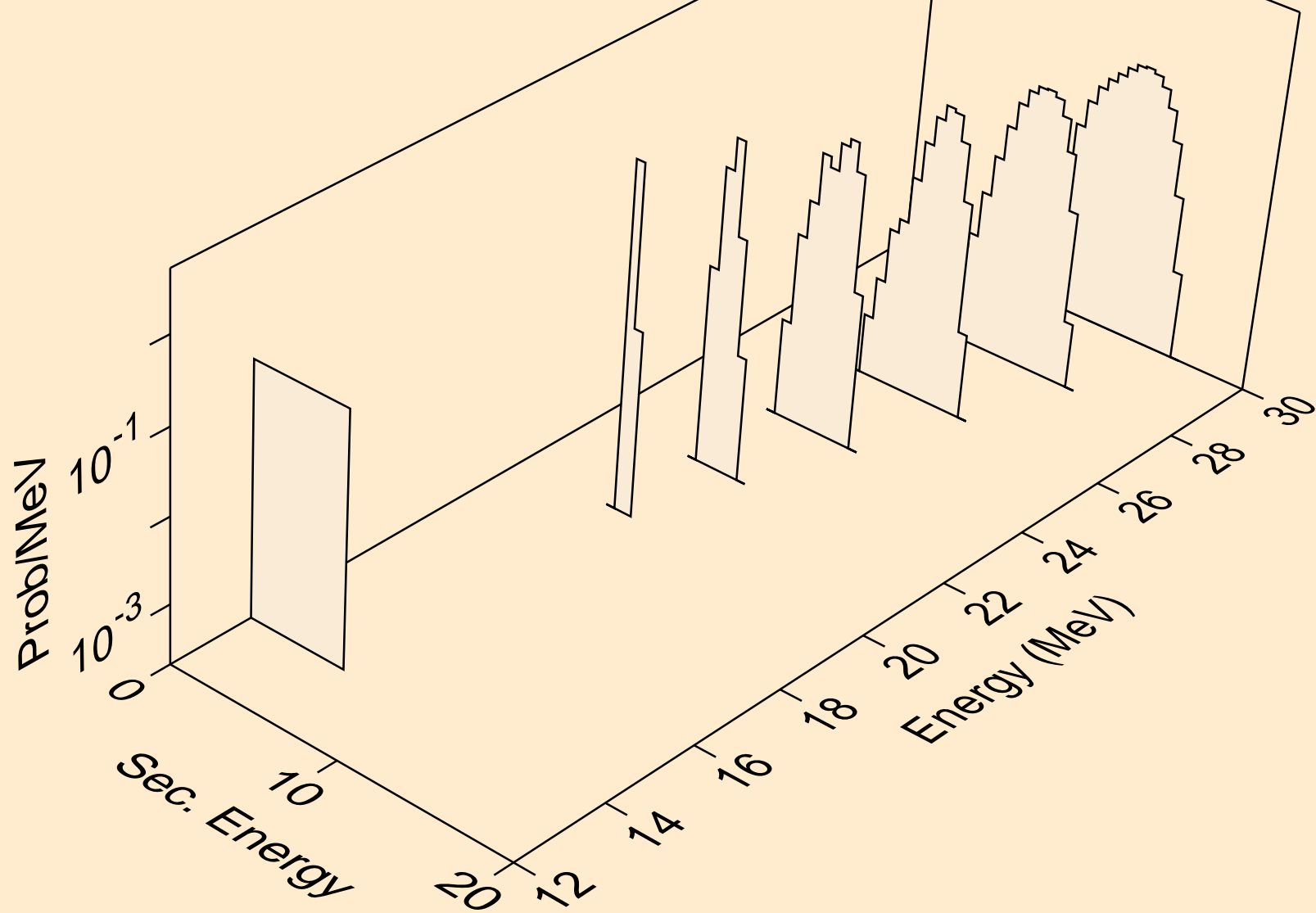
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alphas from (n,n\*)a



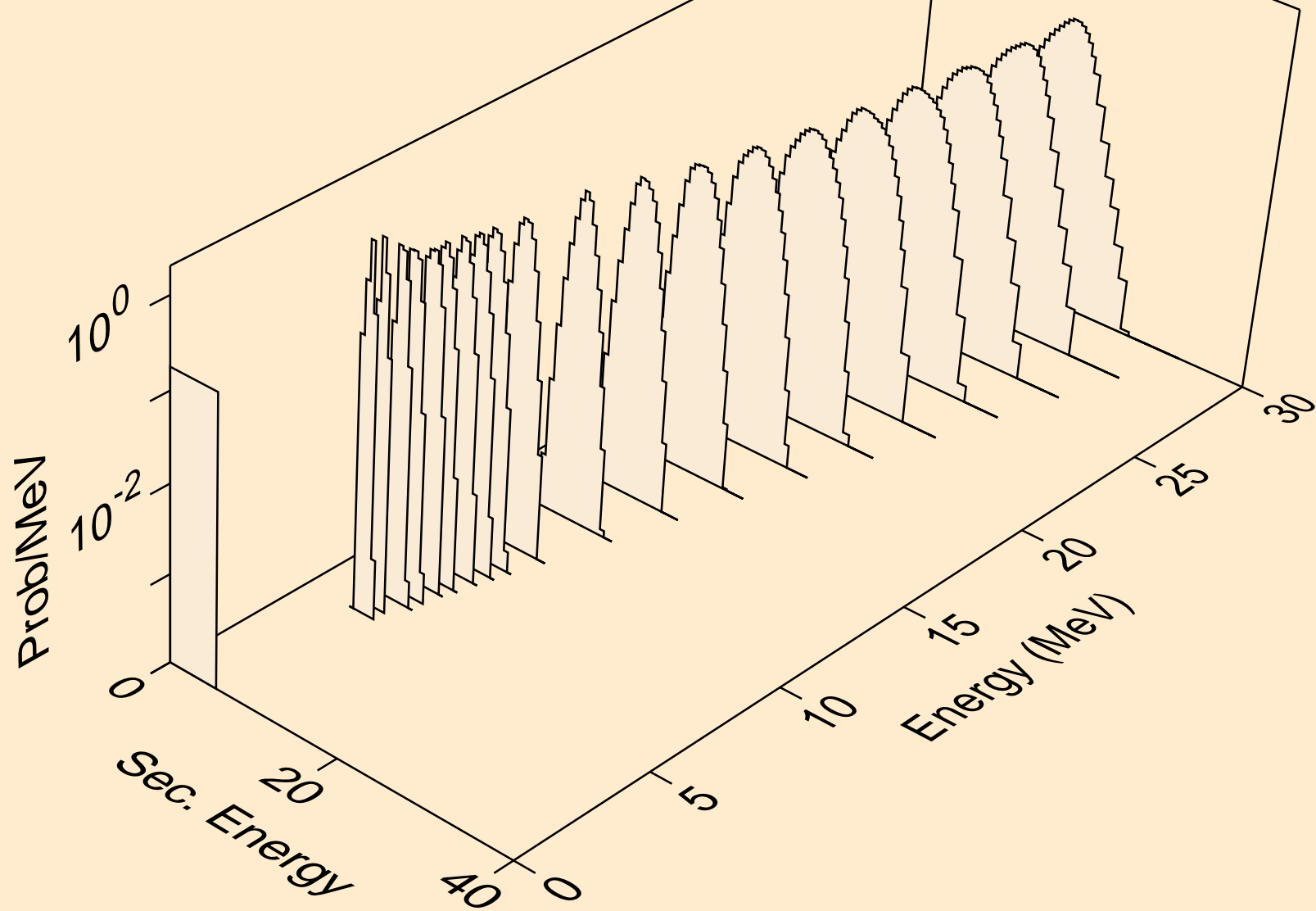
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alphas from (n,2n)a



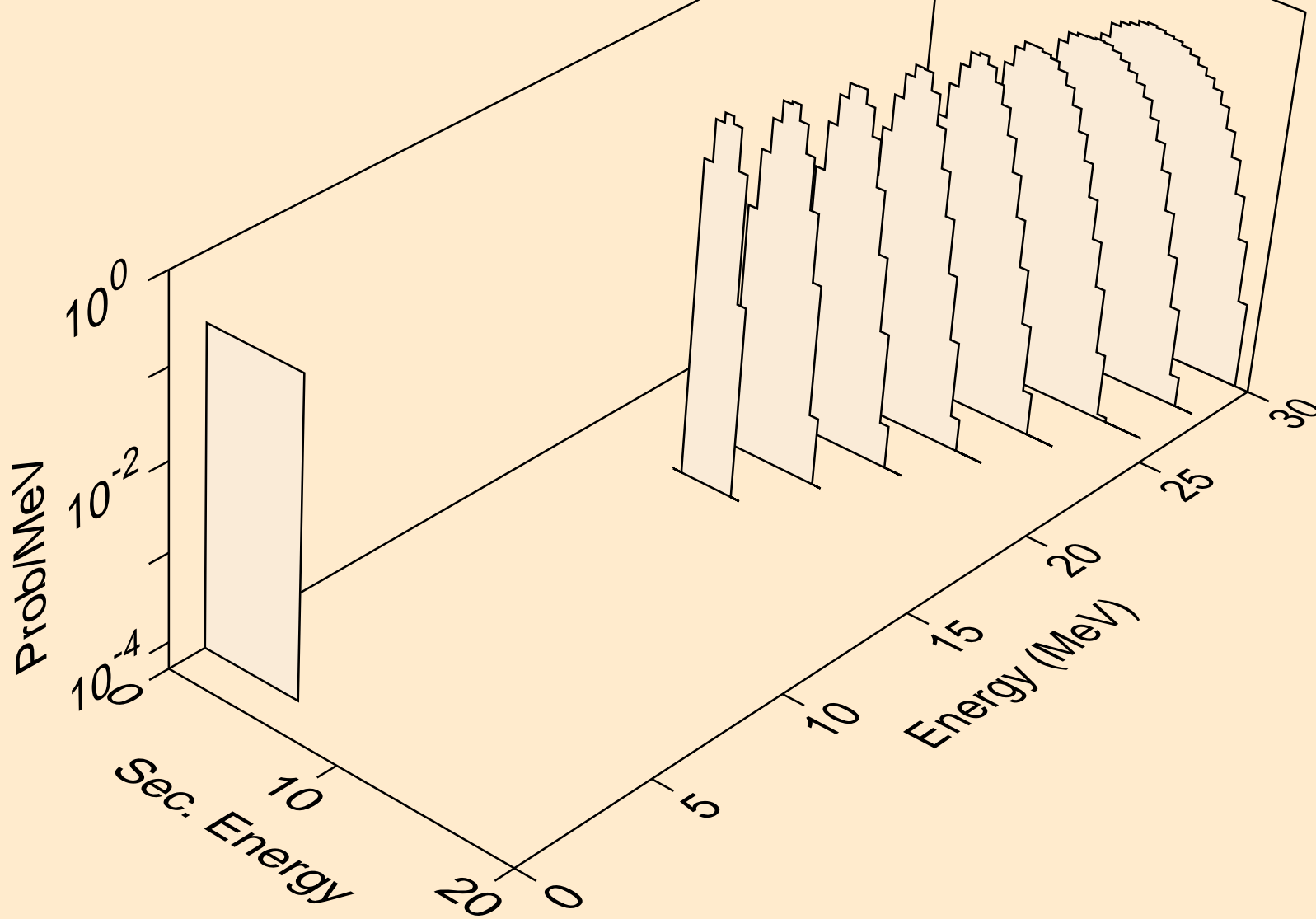
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alphas from (n,3n)a



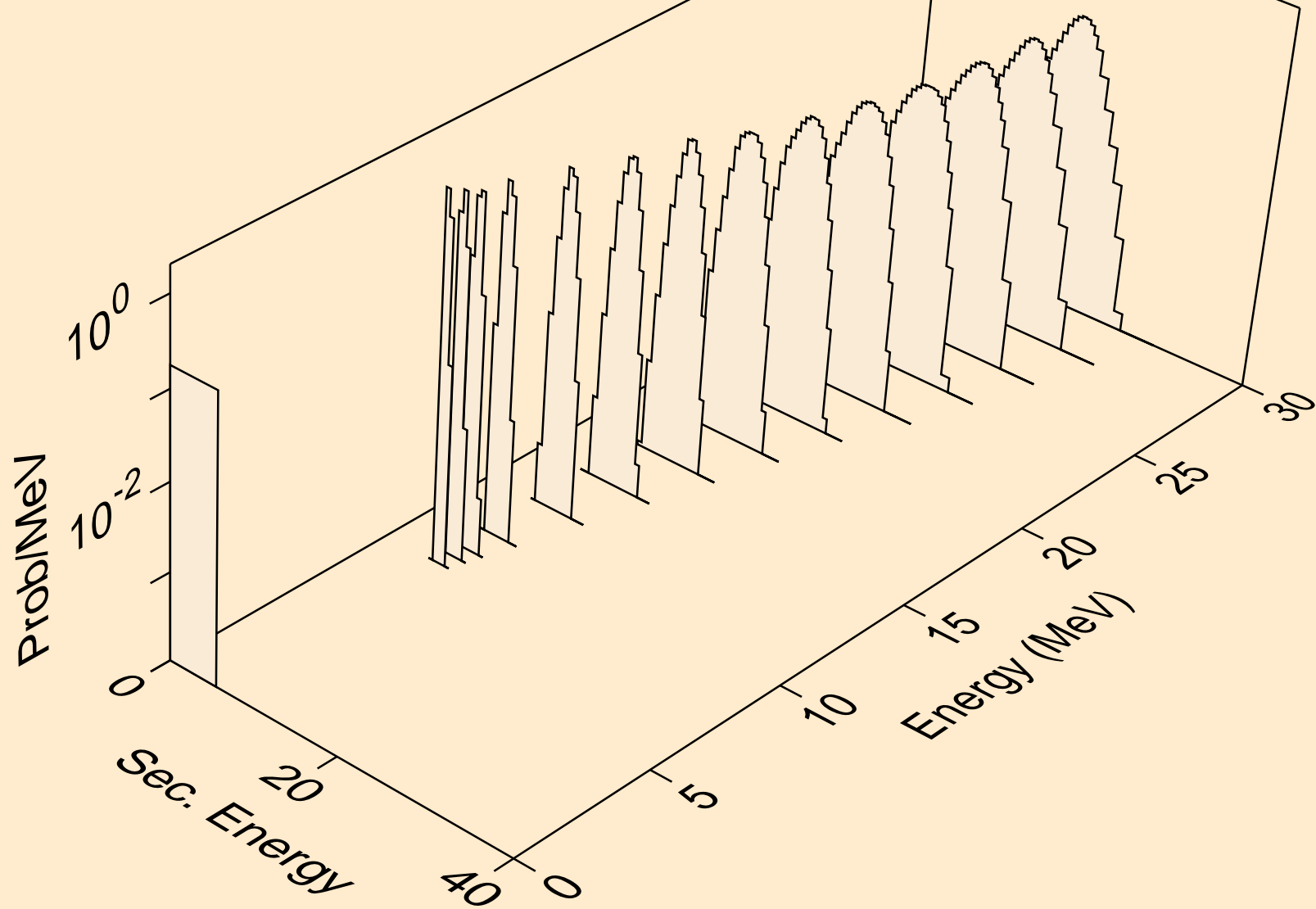
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alphas from (n,n\*)2a



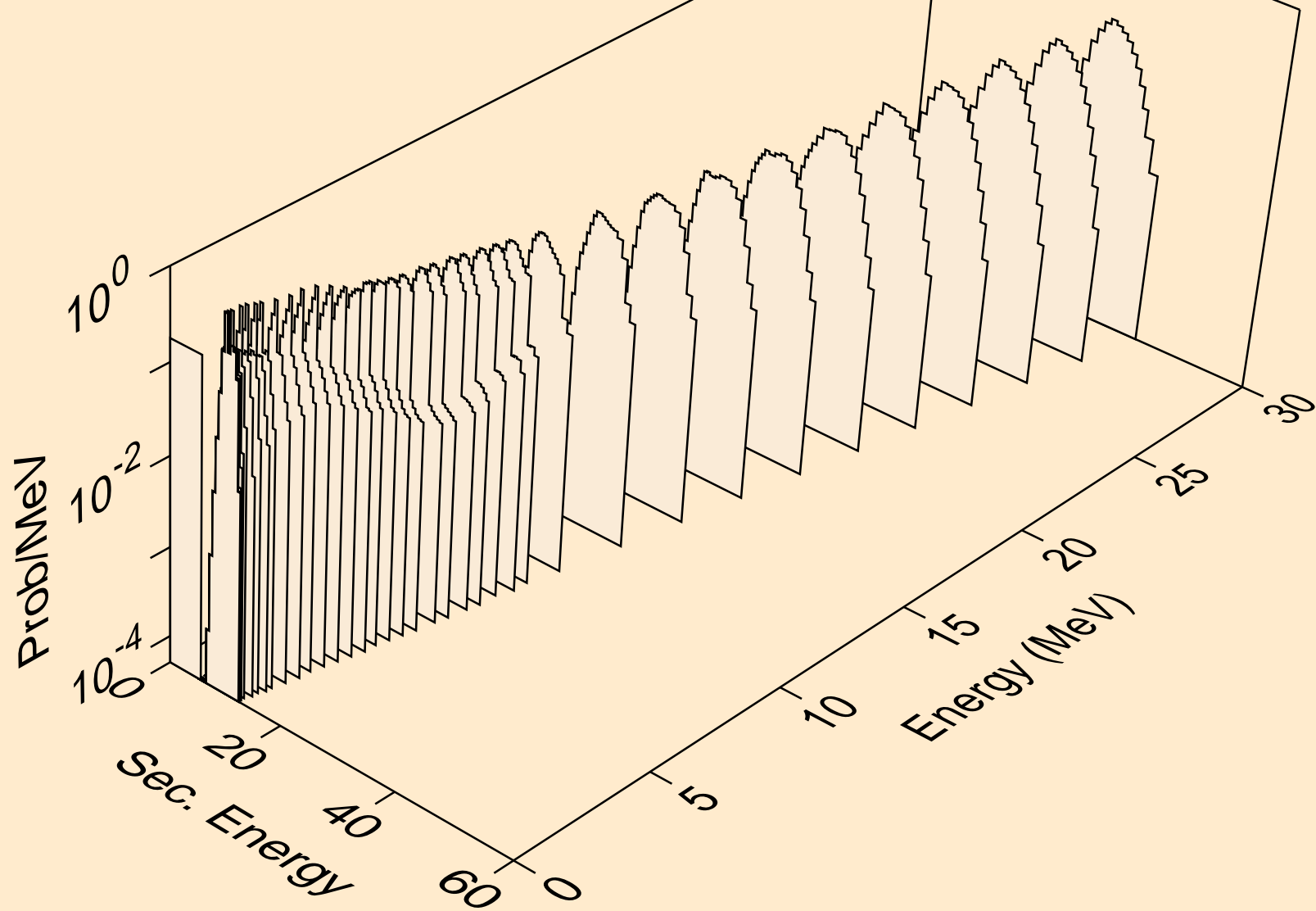
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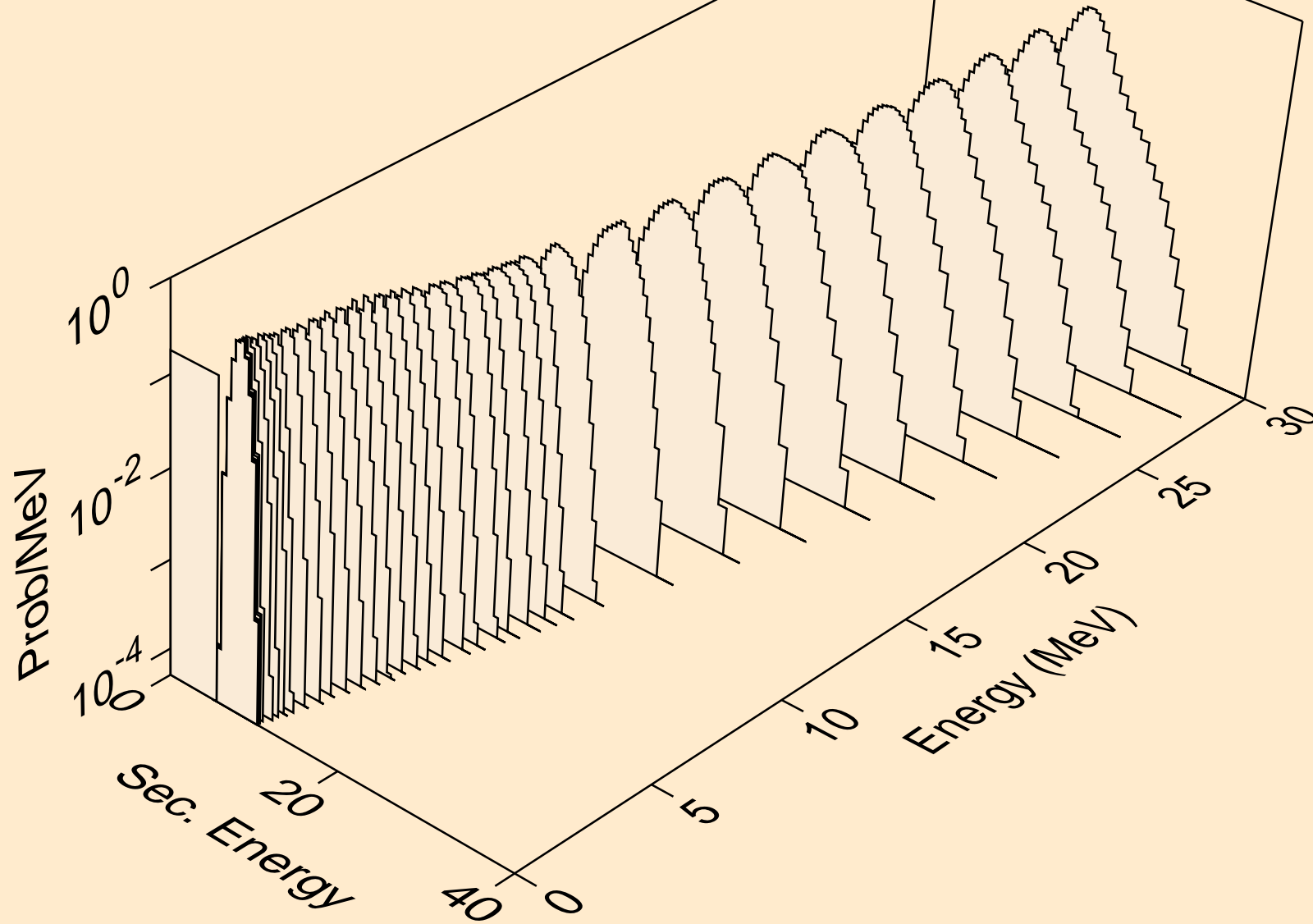
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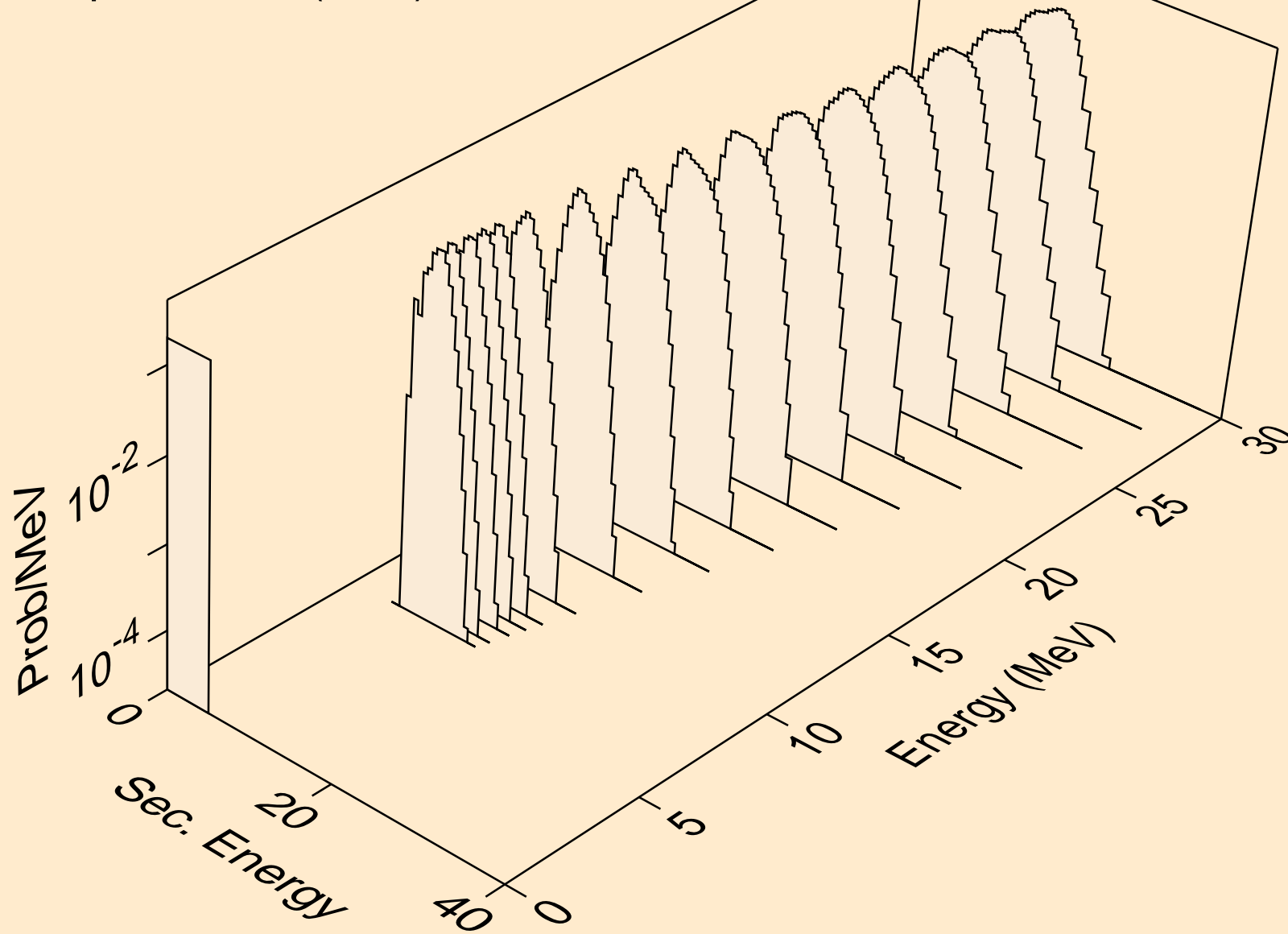
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alphas from (n,a)



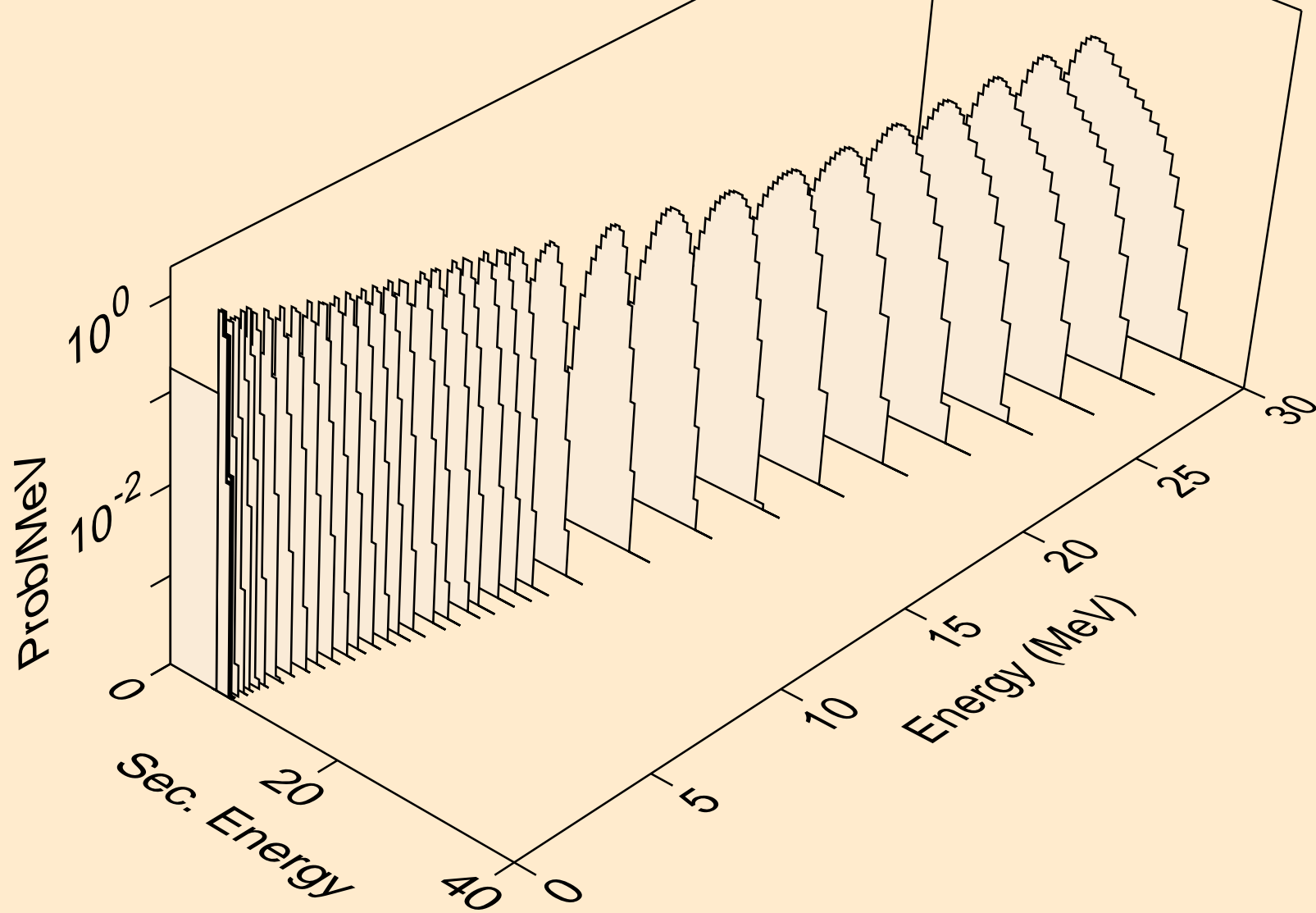
OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2a)



OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3a)



OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,pa)



OS174 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,da)

