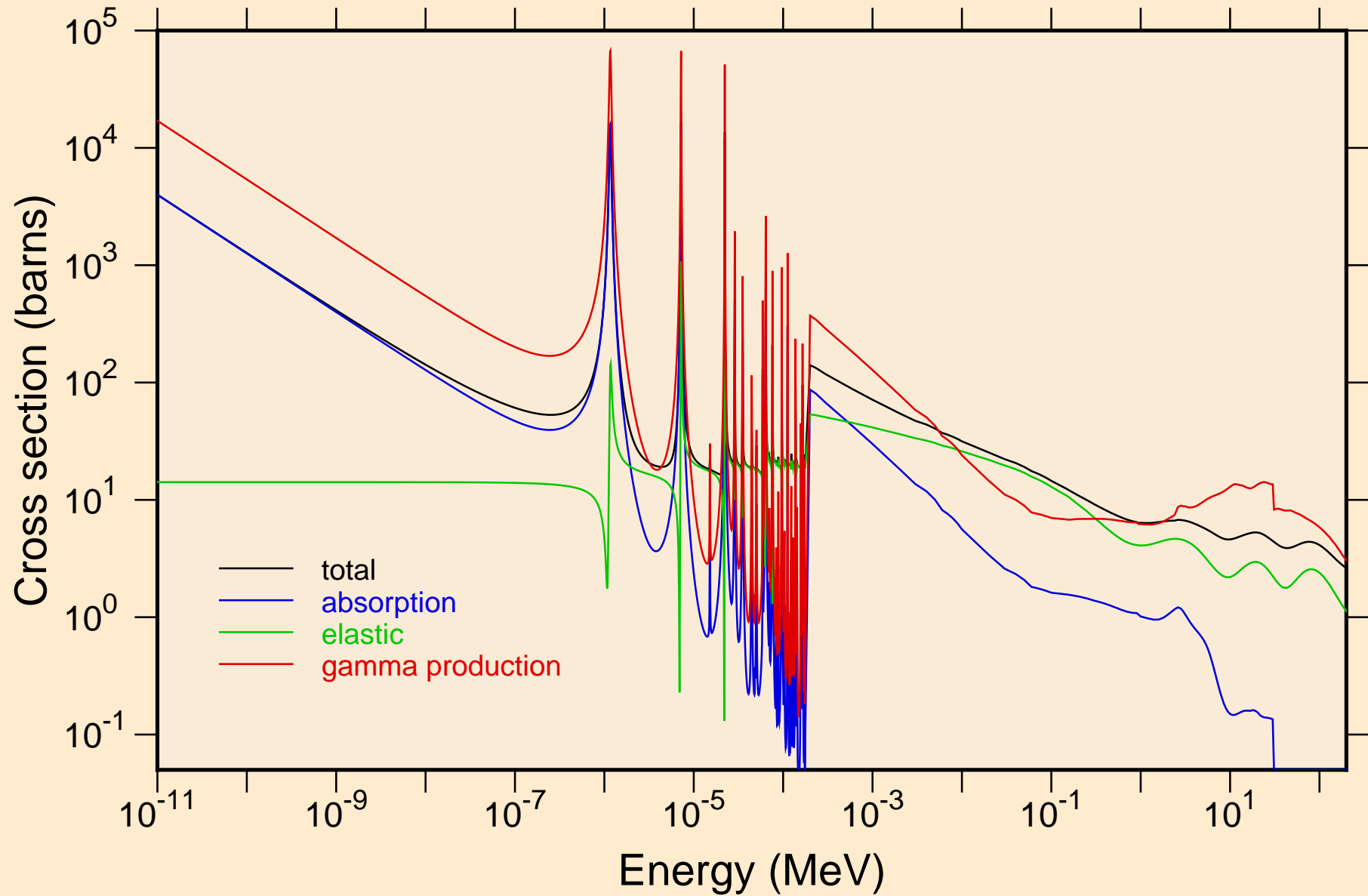
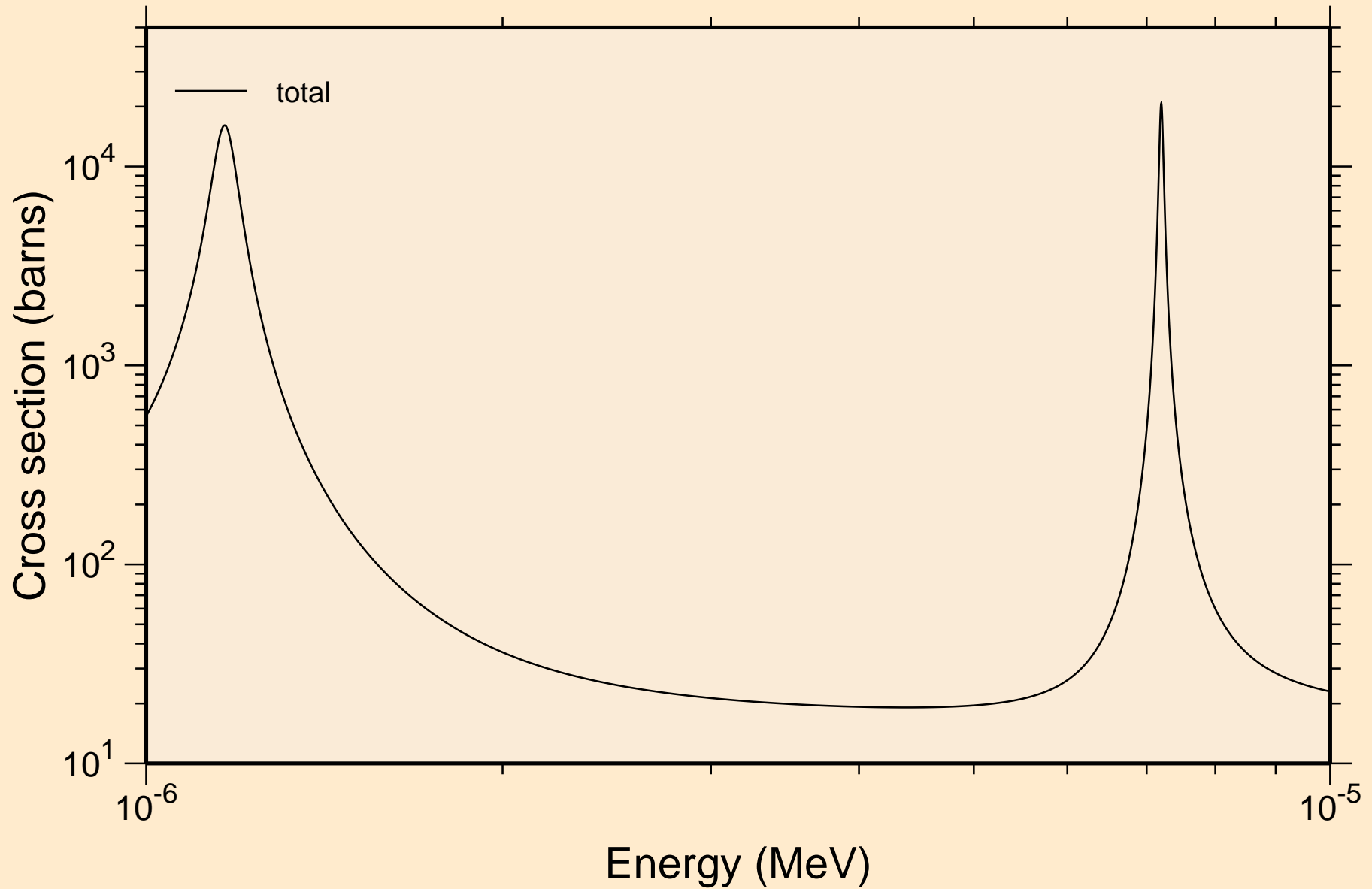


# W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

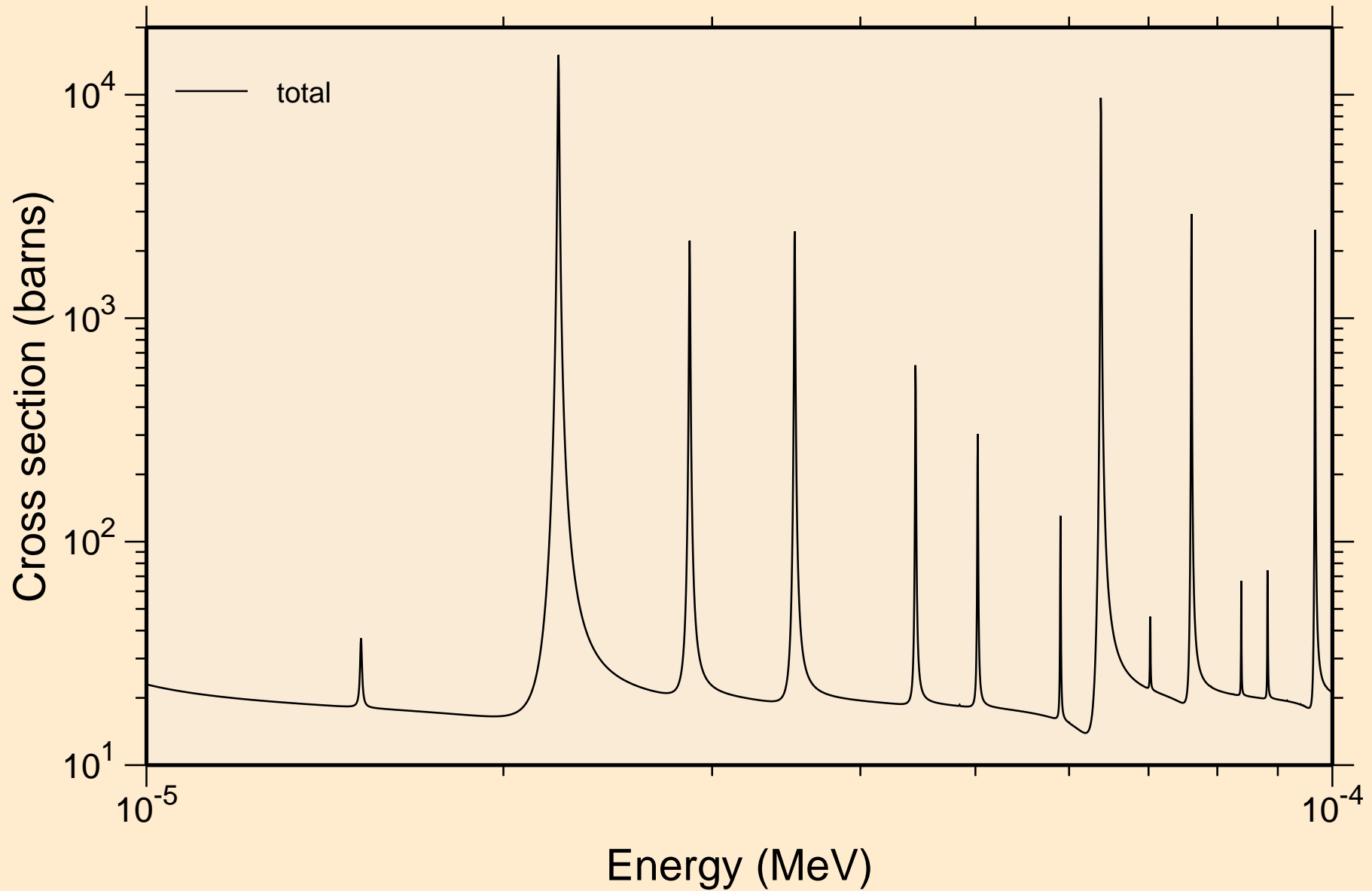
## Principal cross sections



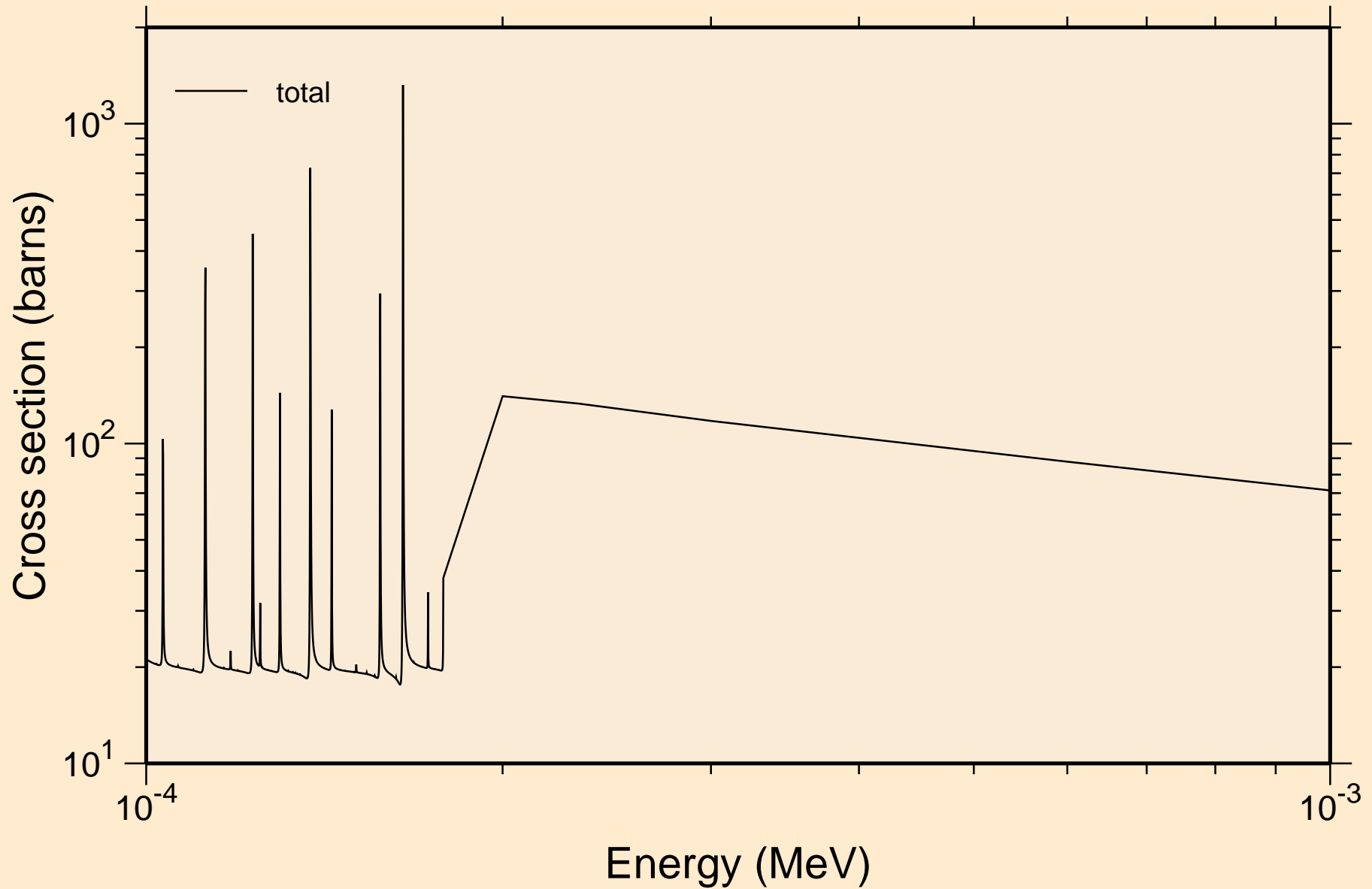
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



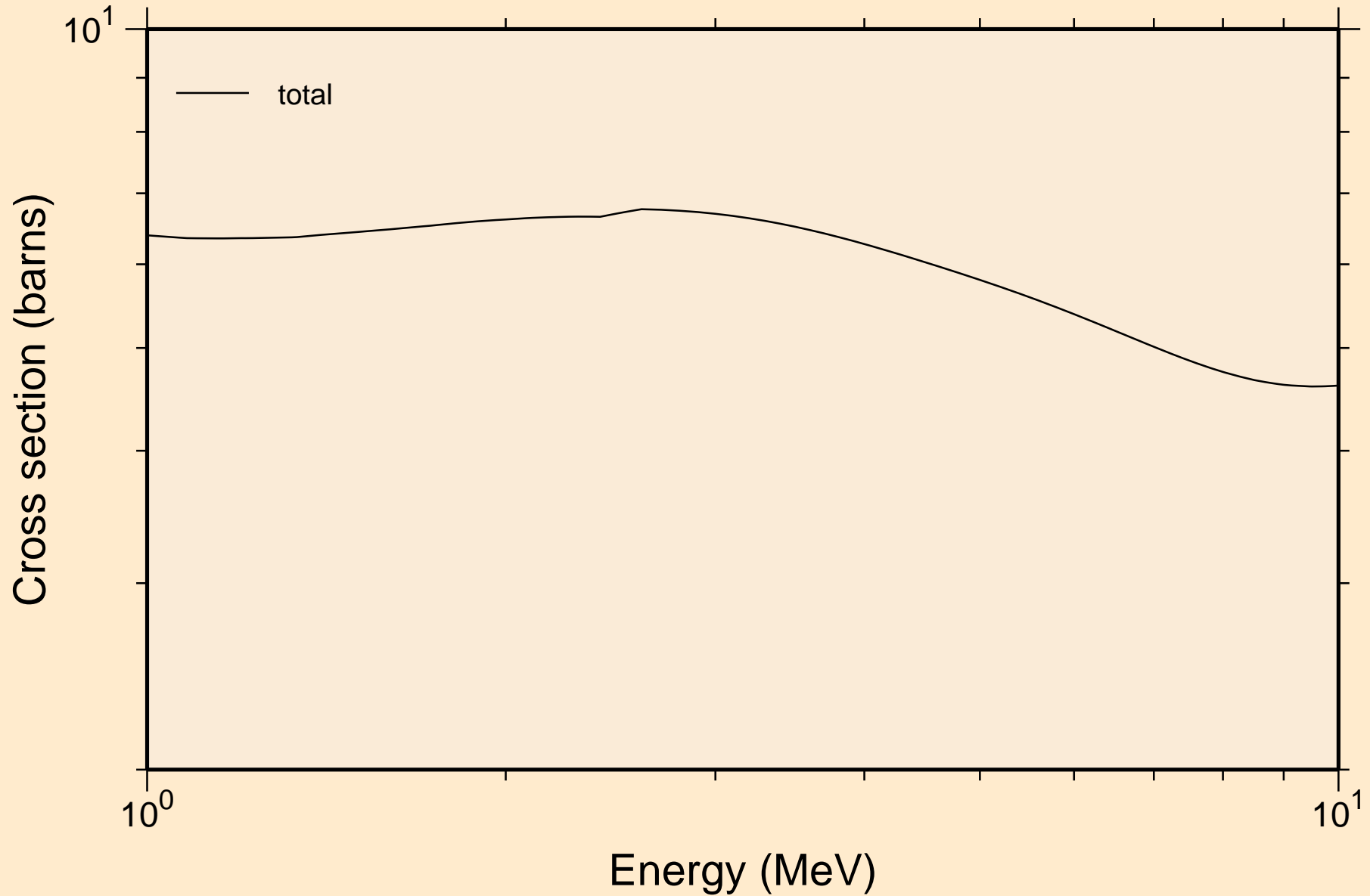
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



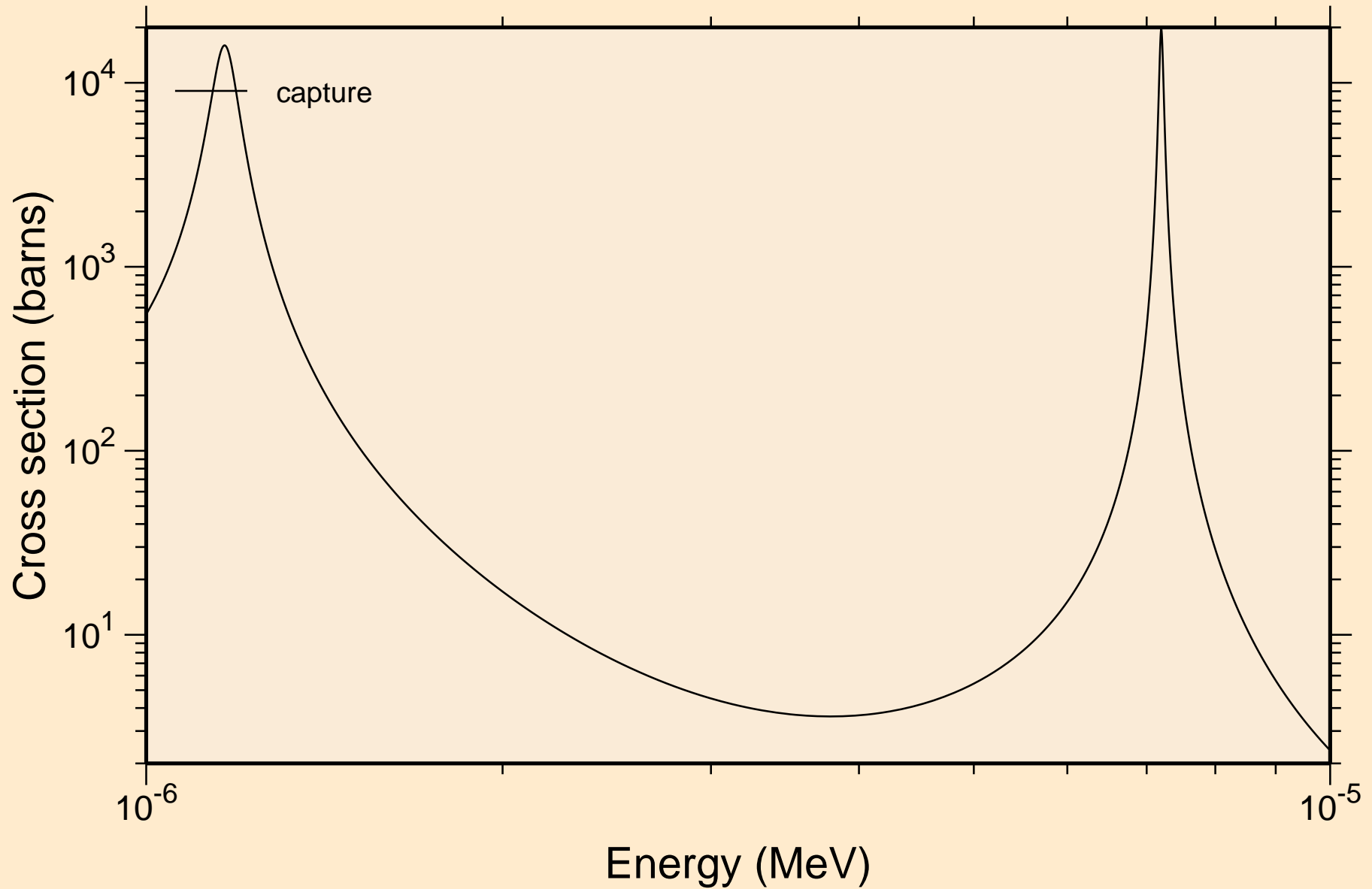
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resonance total cross section



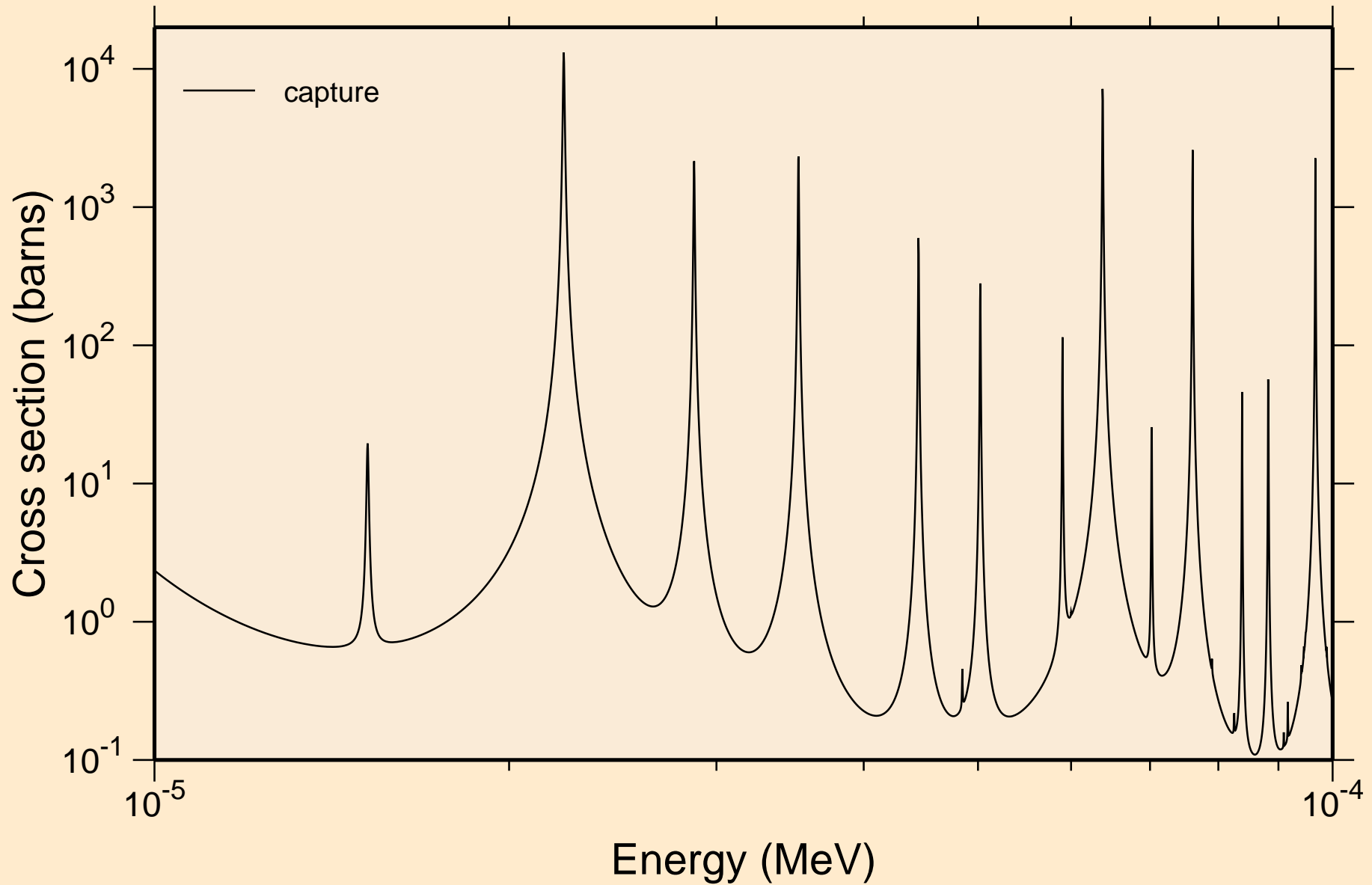
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resonance total cross section



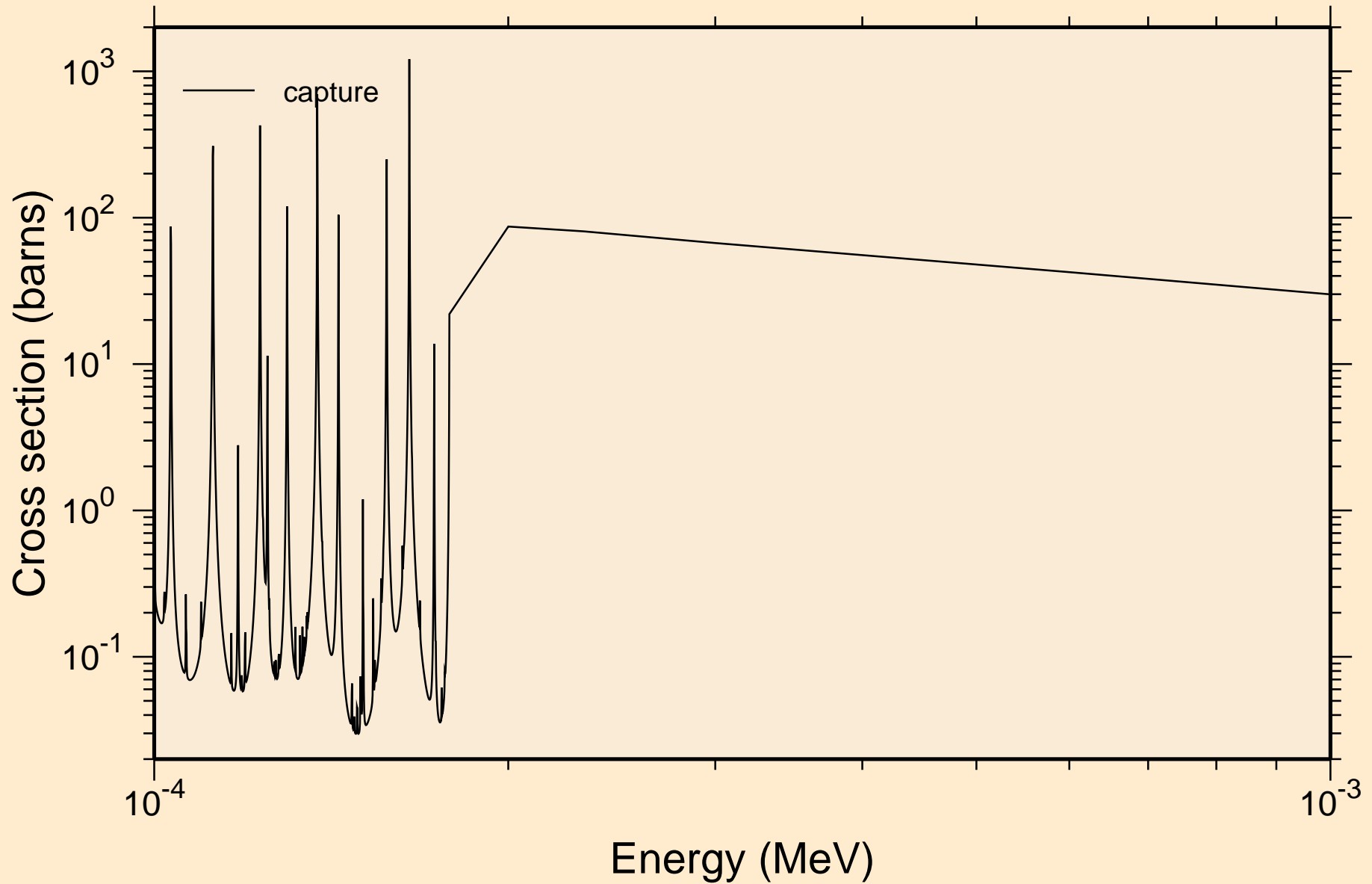
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



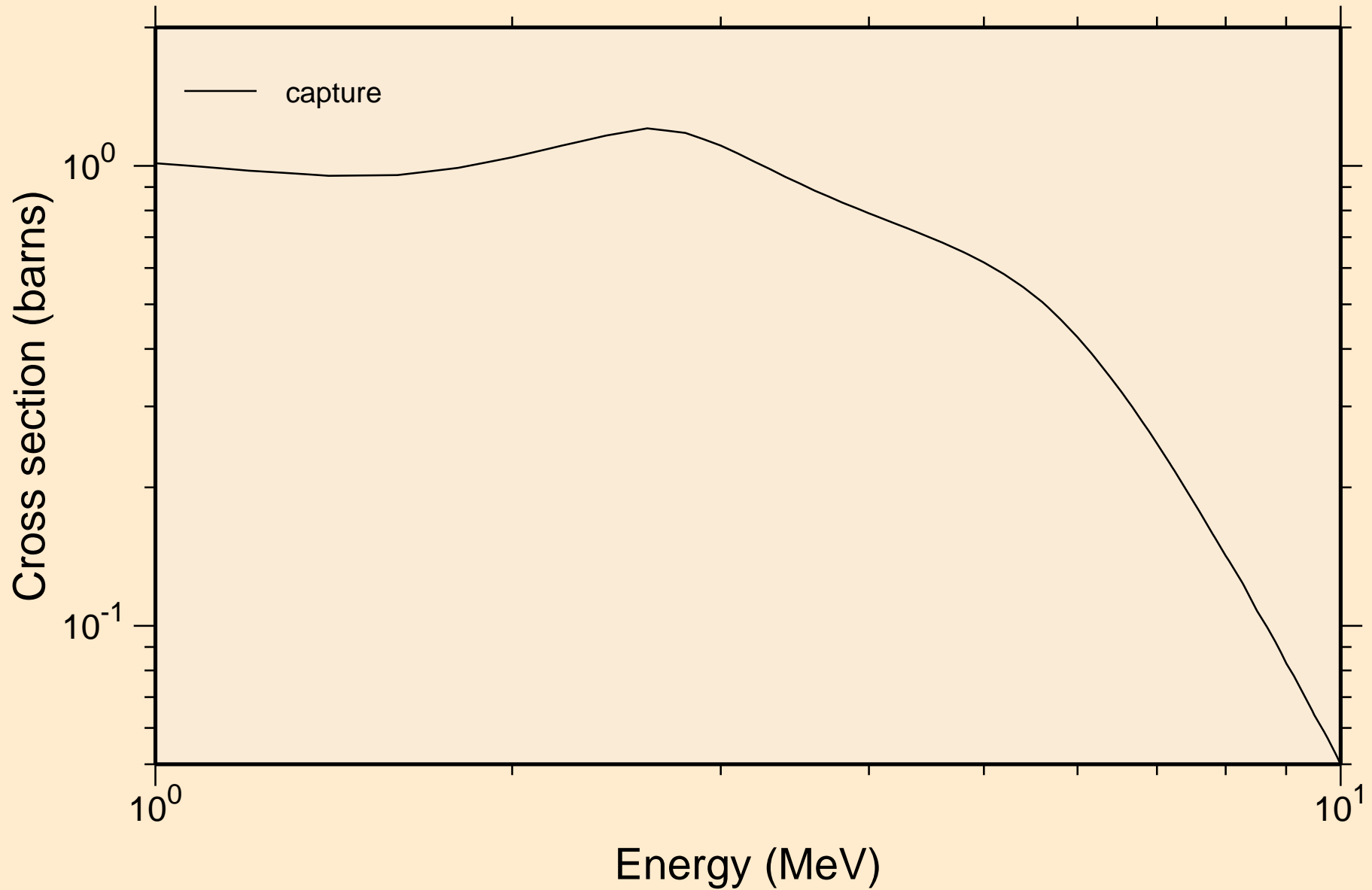
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

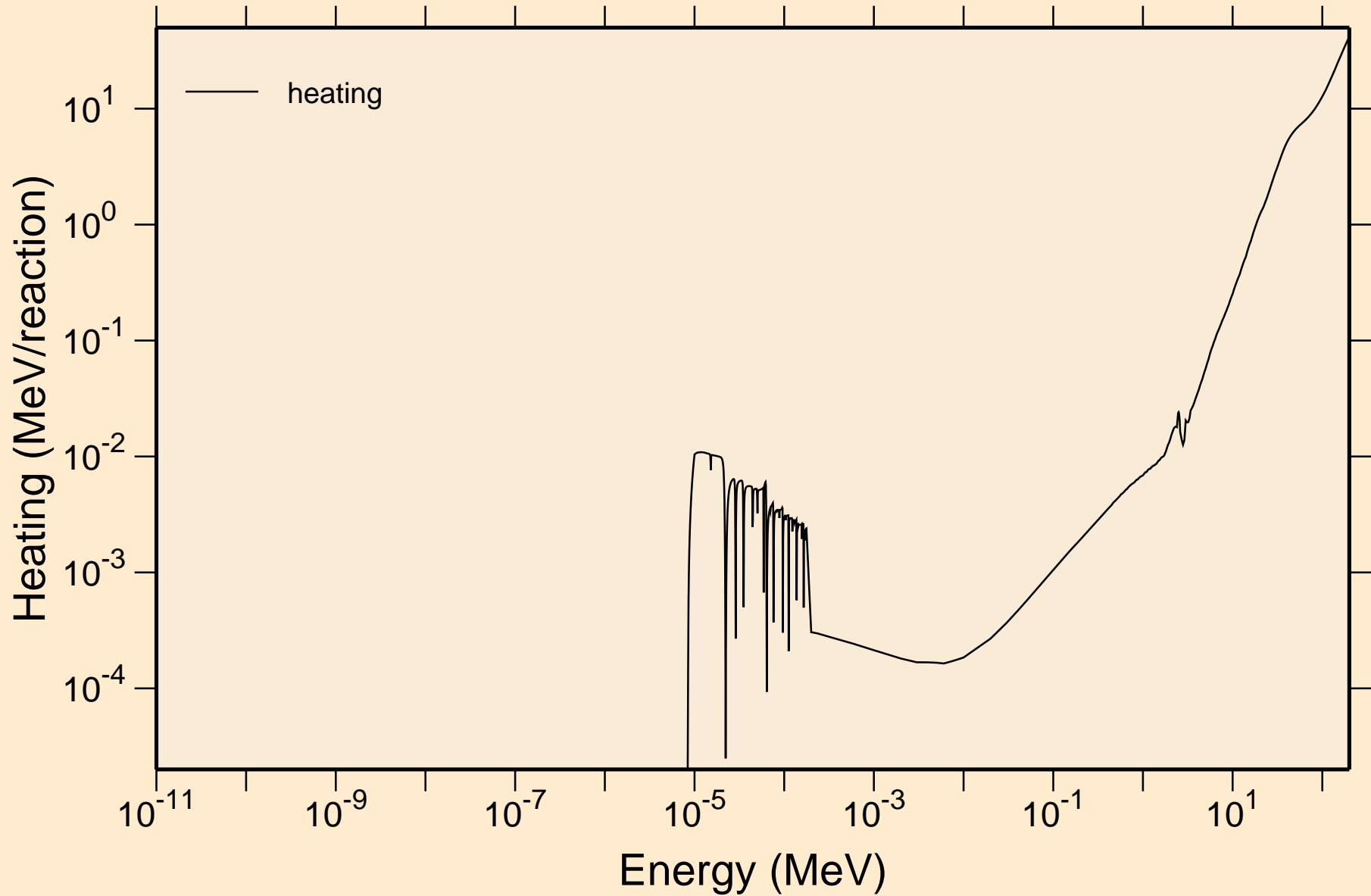


W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



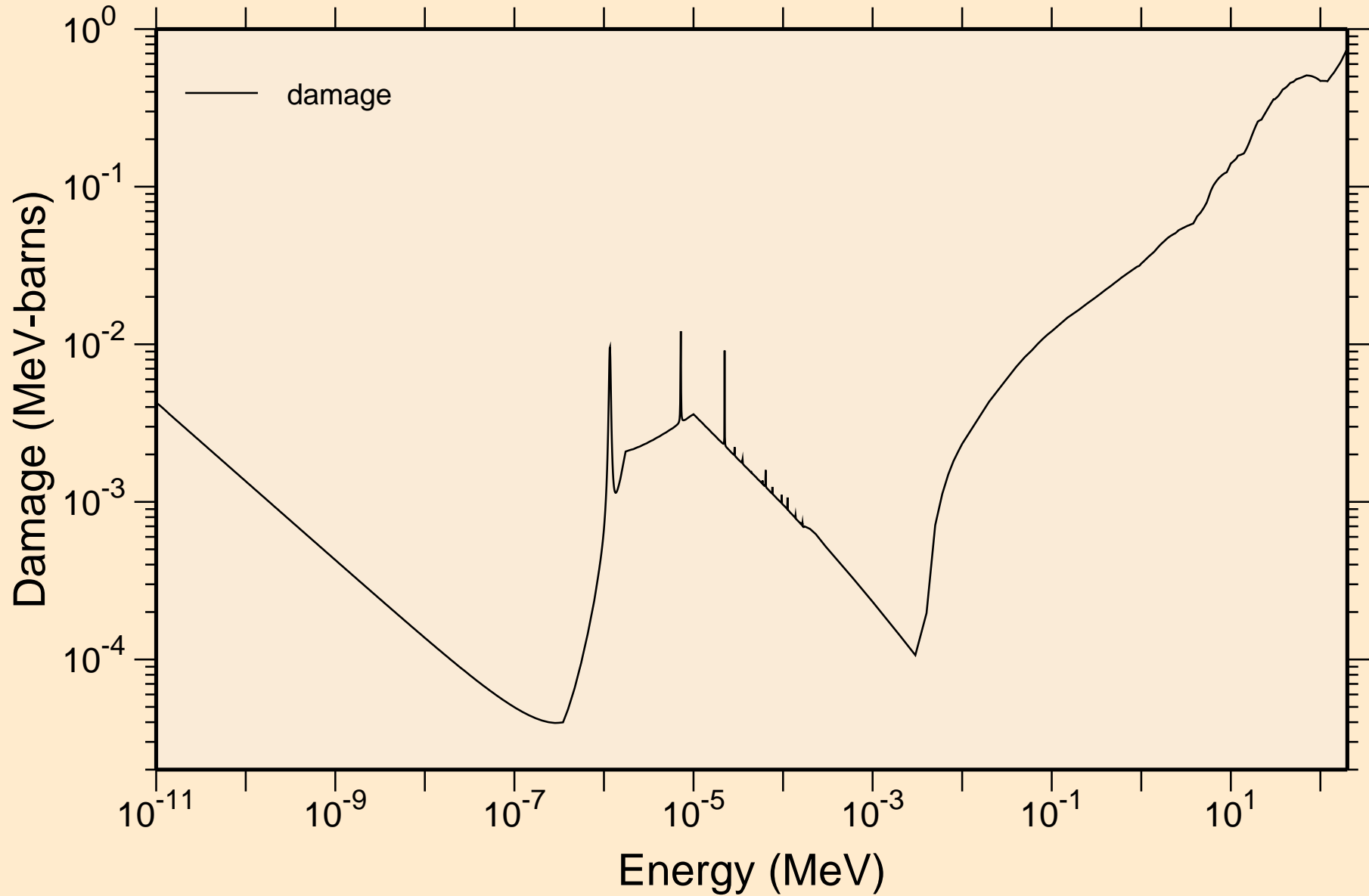
# W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

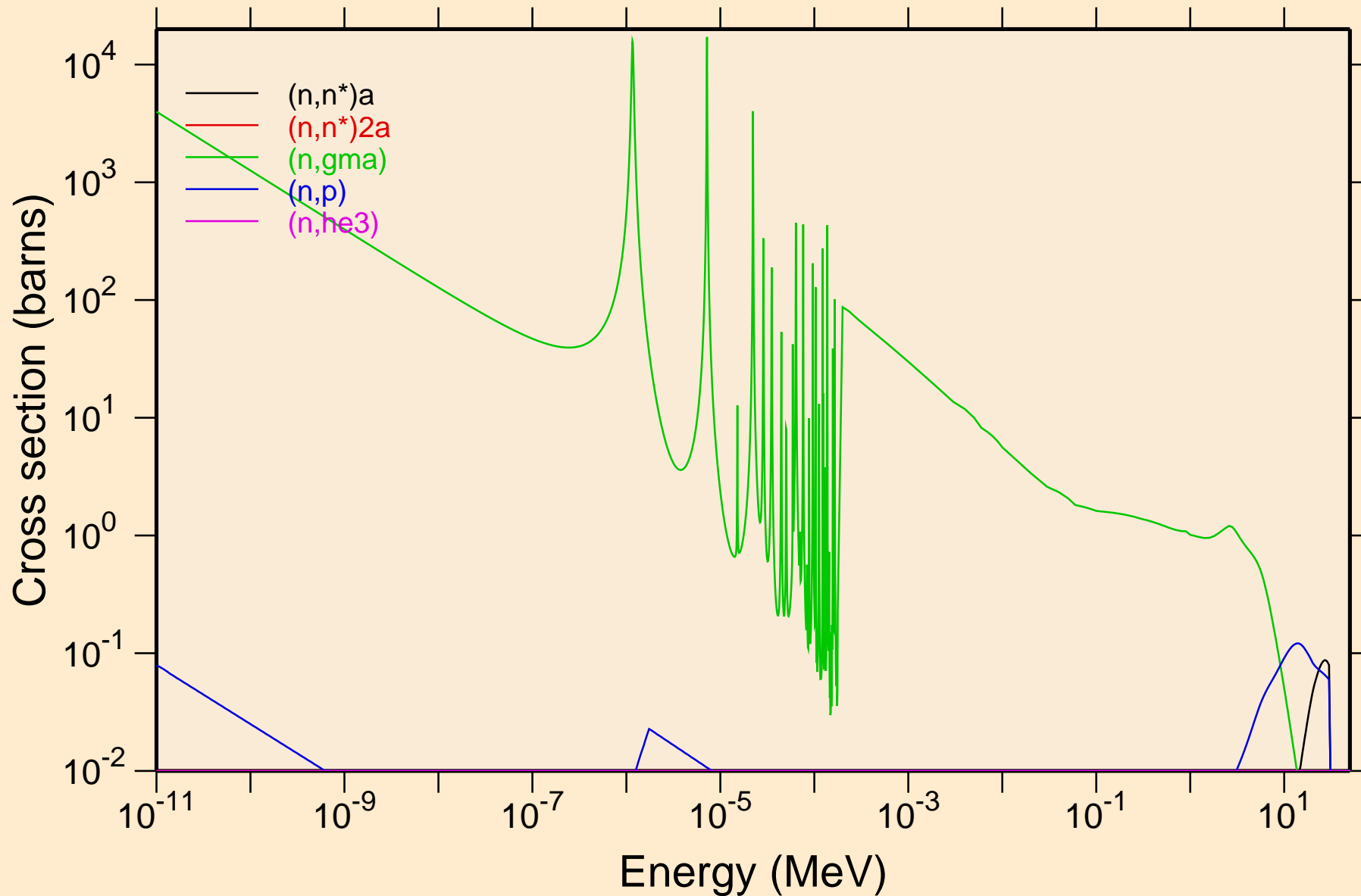


# W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

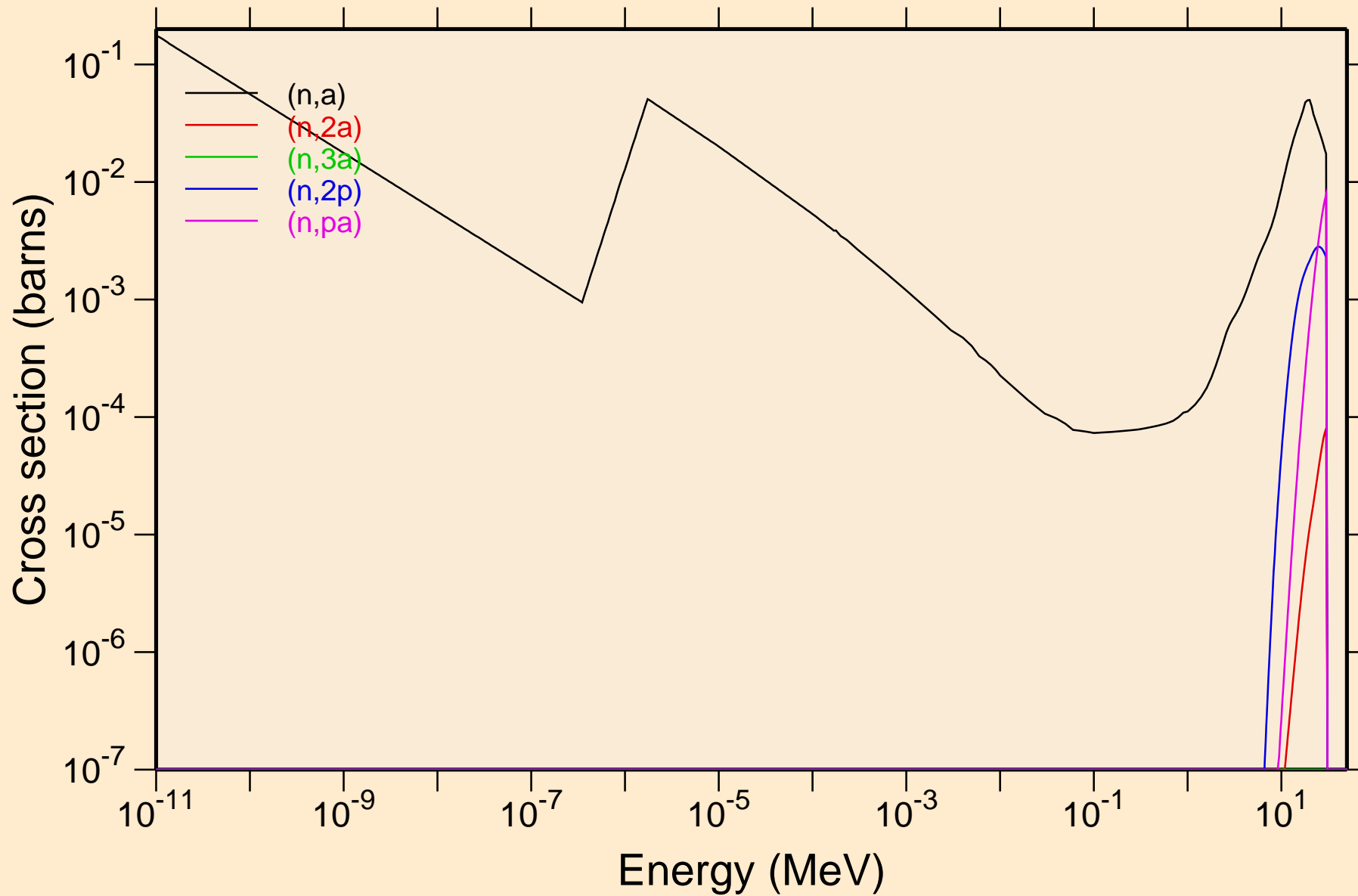
## Damage



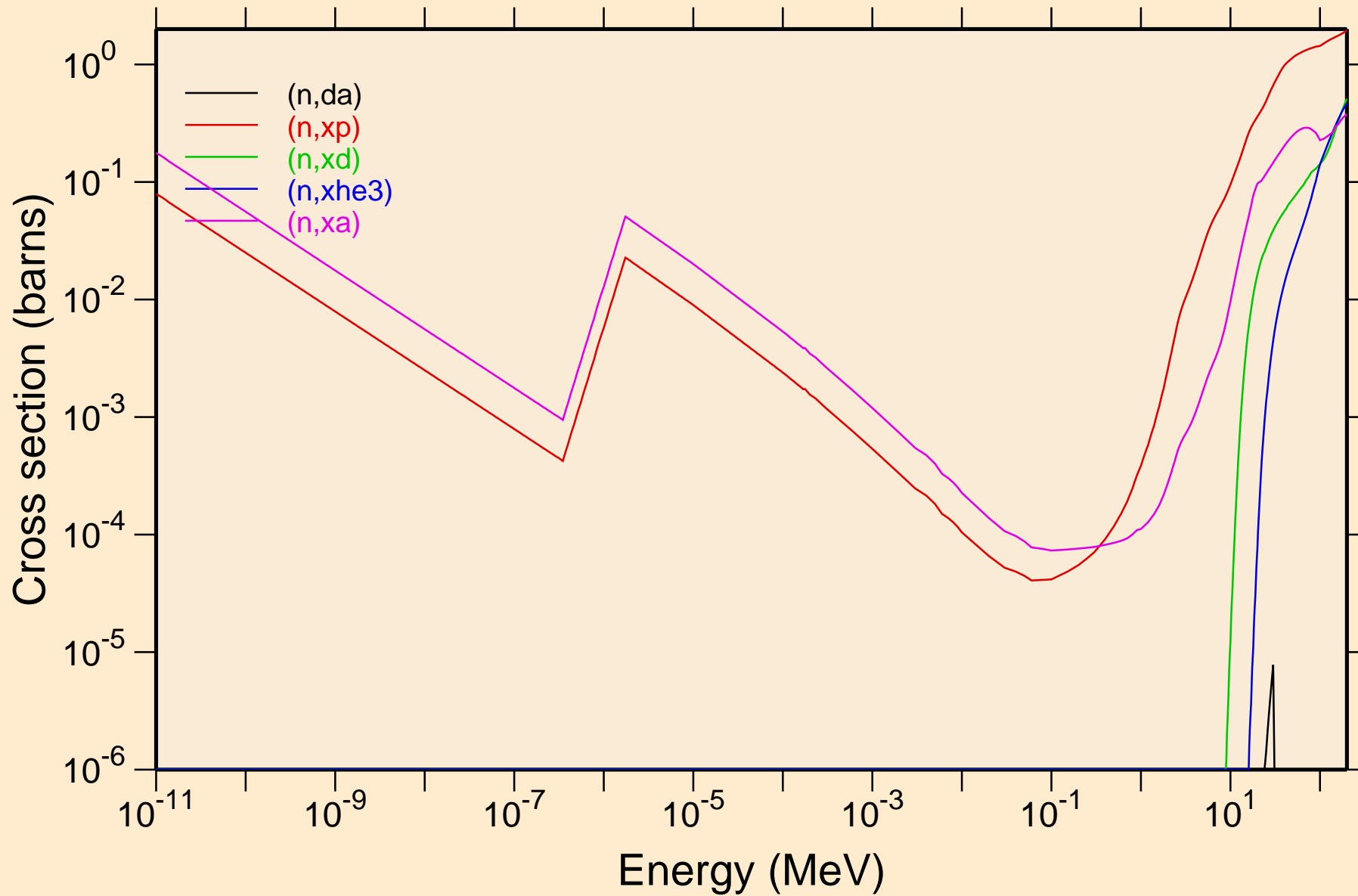
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

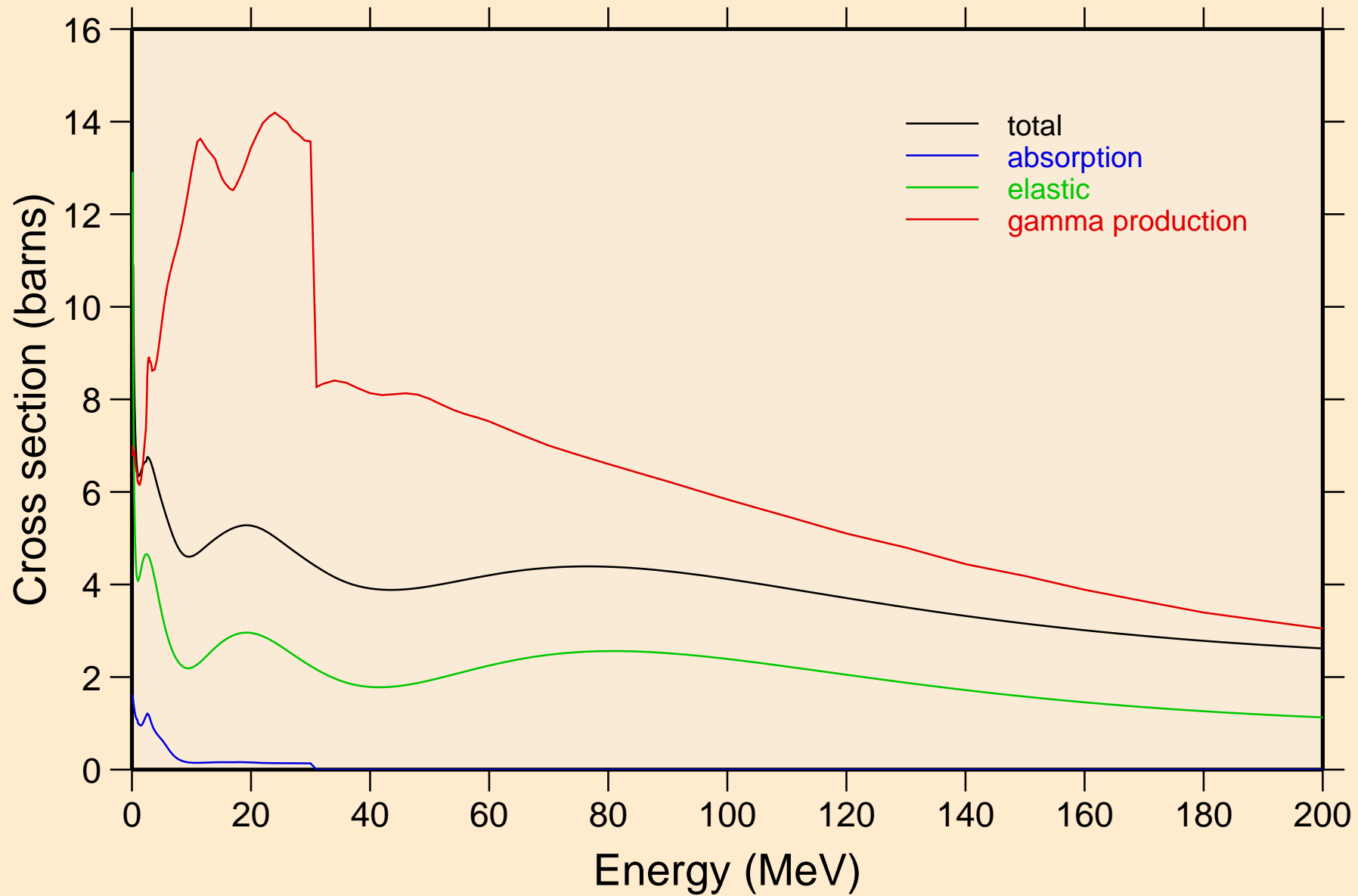


W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



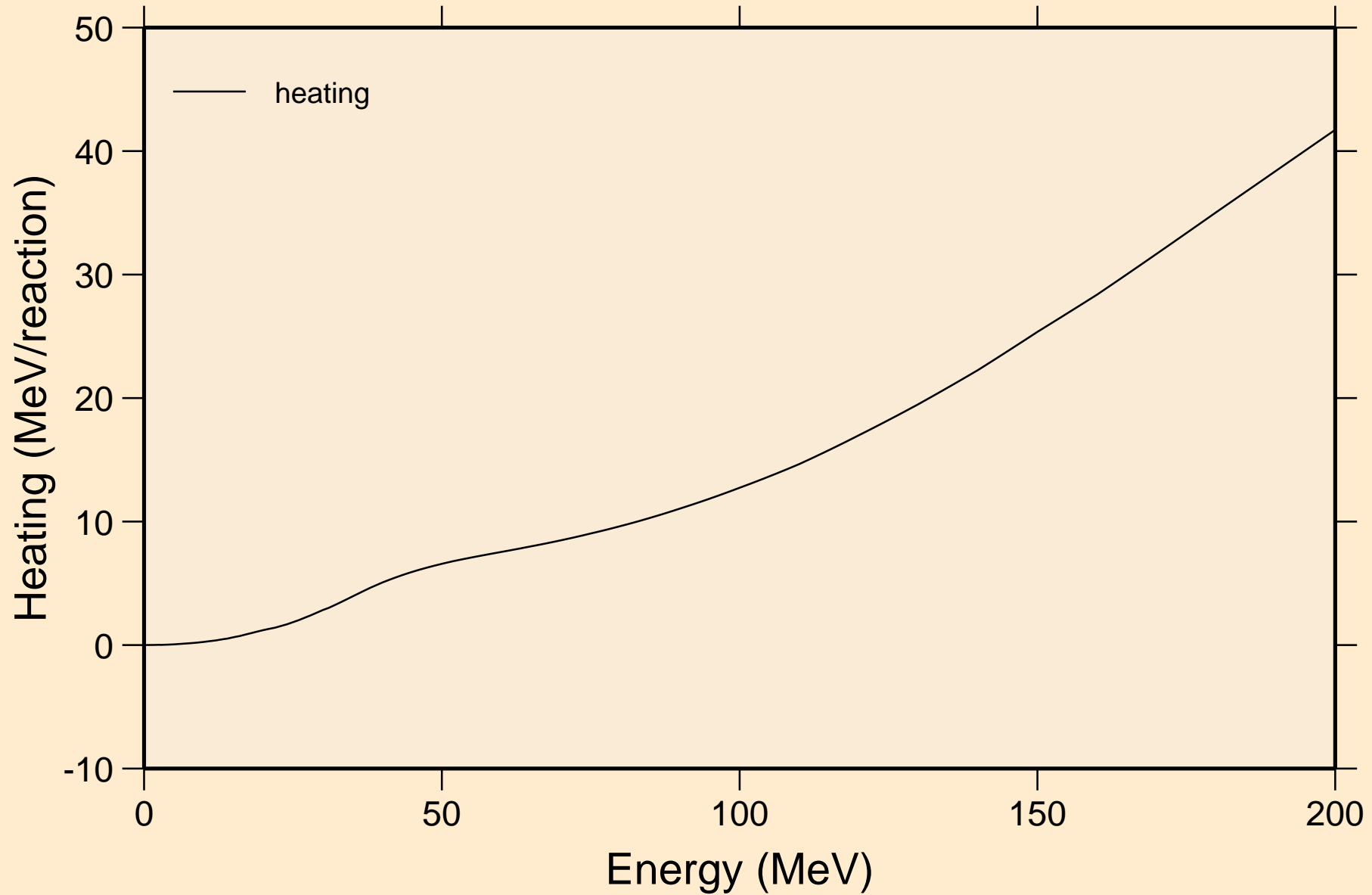
# W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



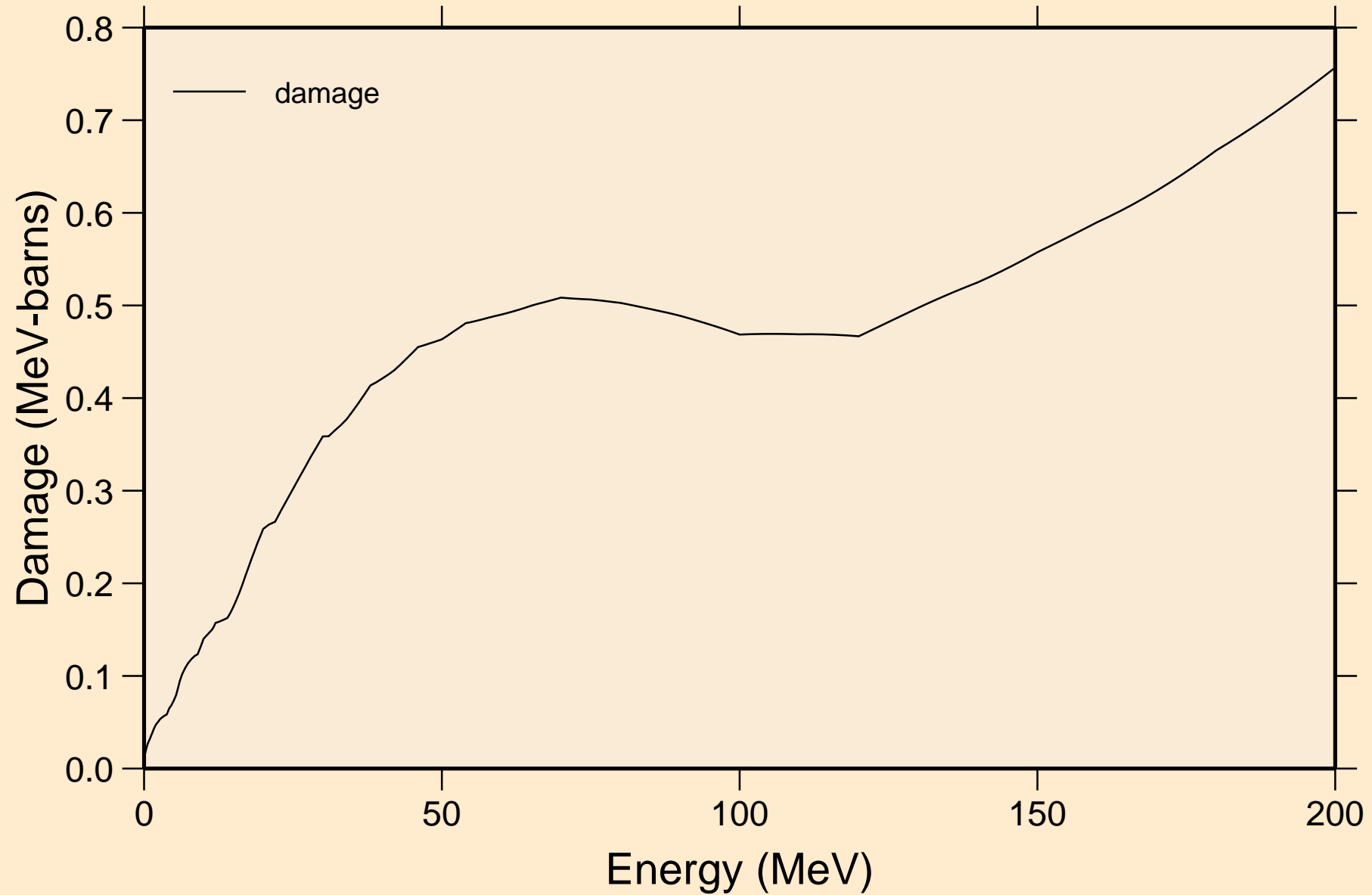
# W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



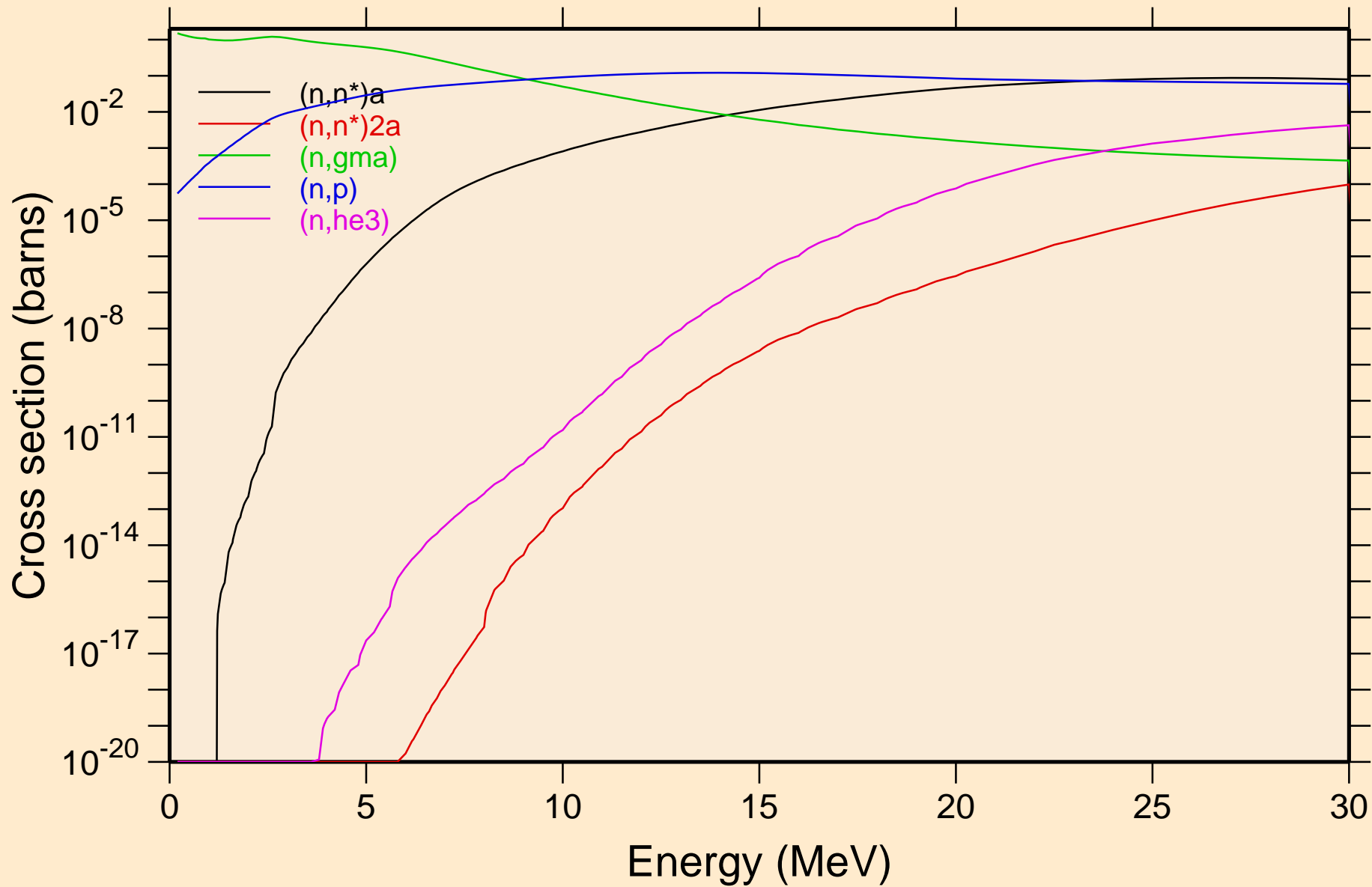
# W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

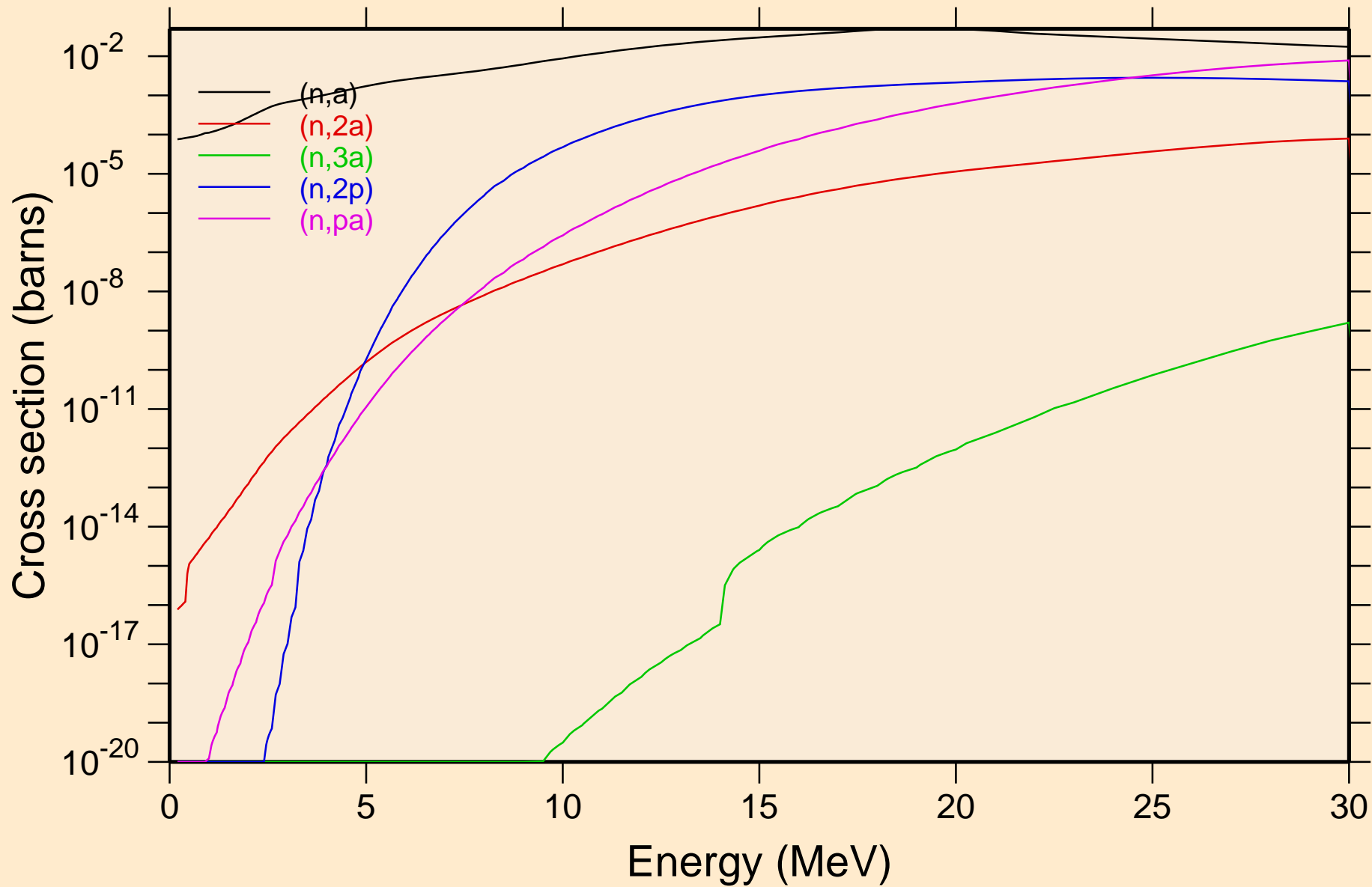


# W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

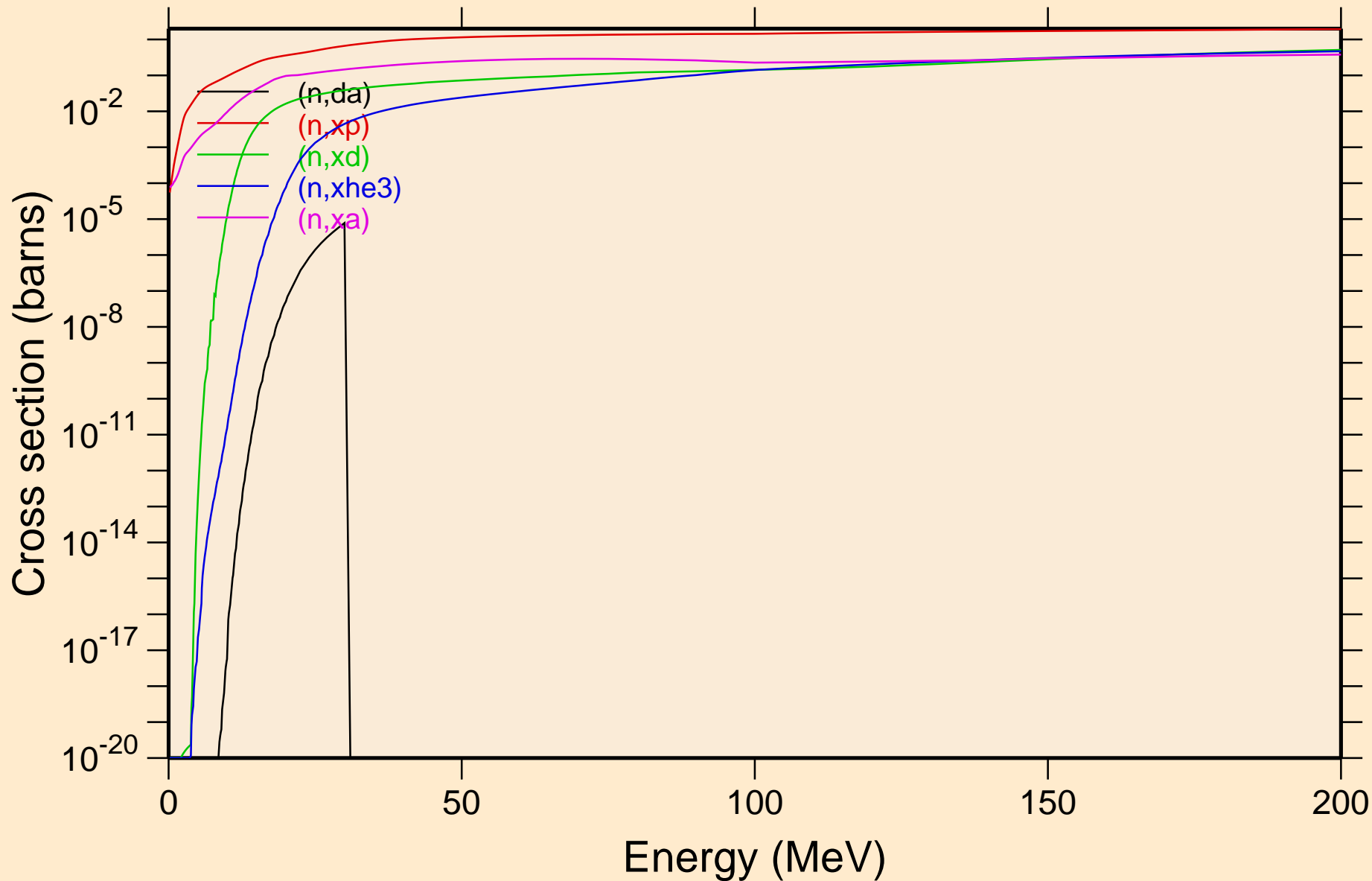
## Non-threshold reactions



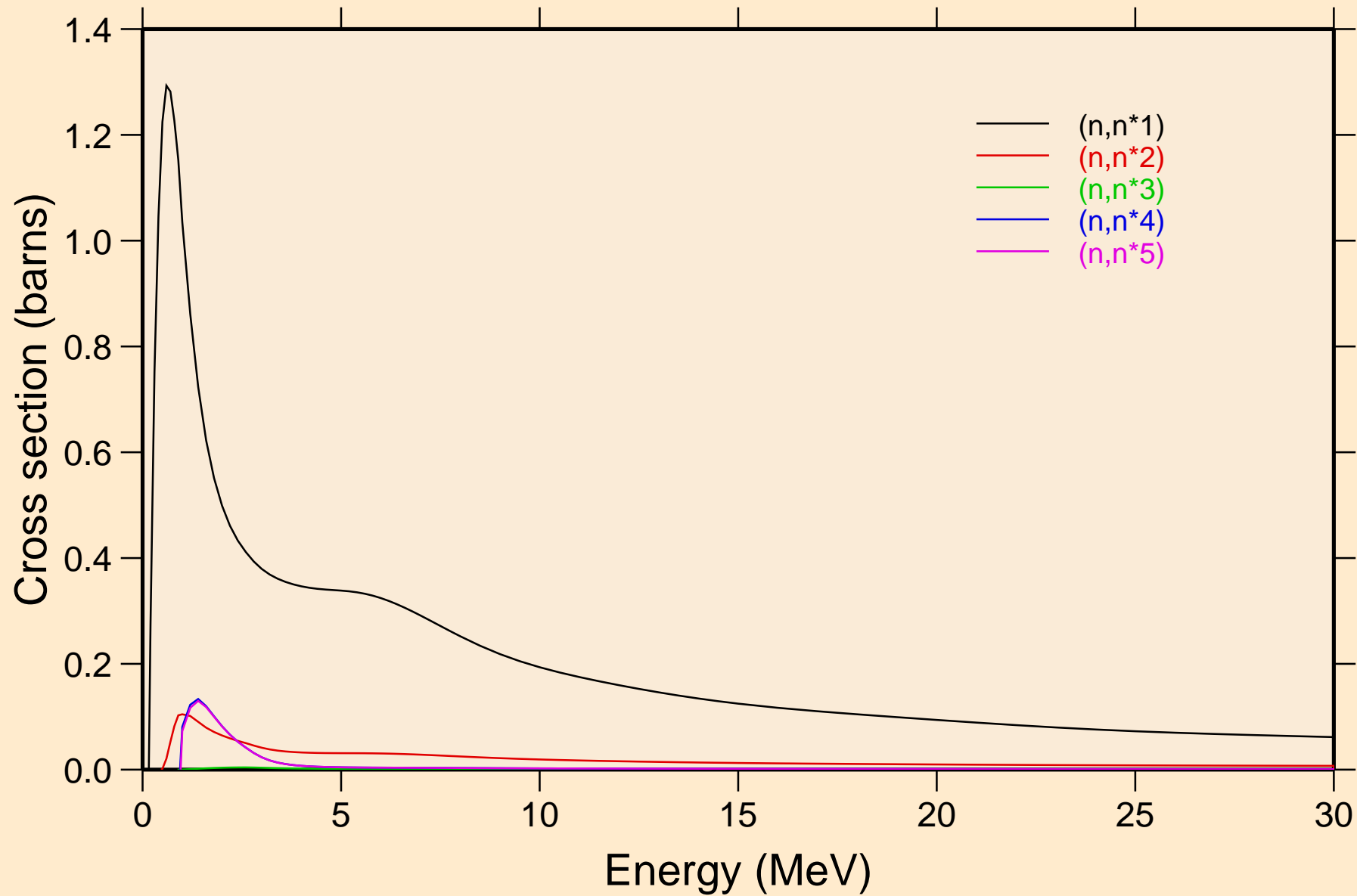
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



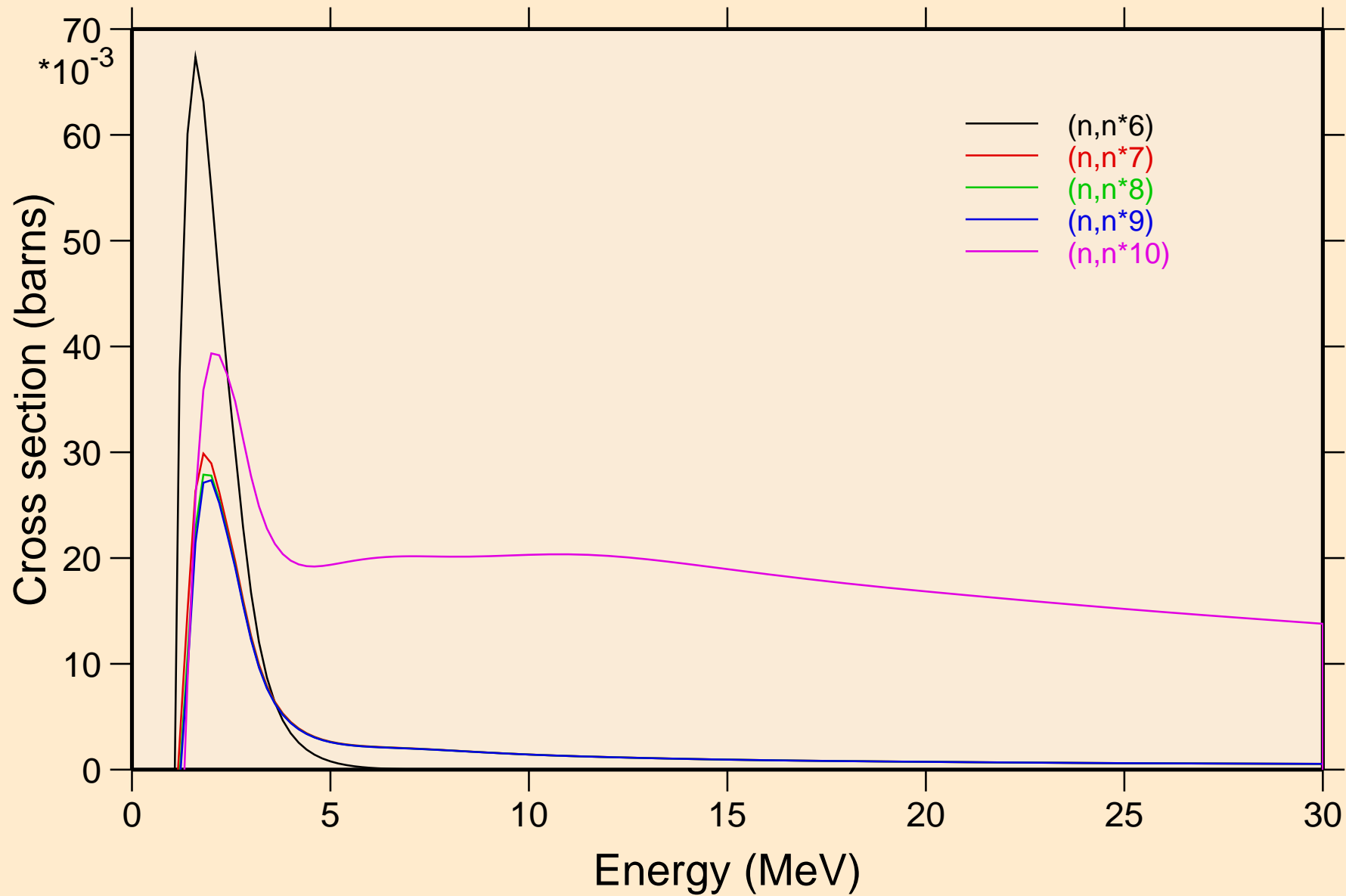
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



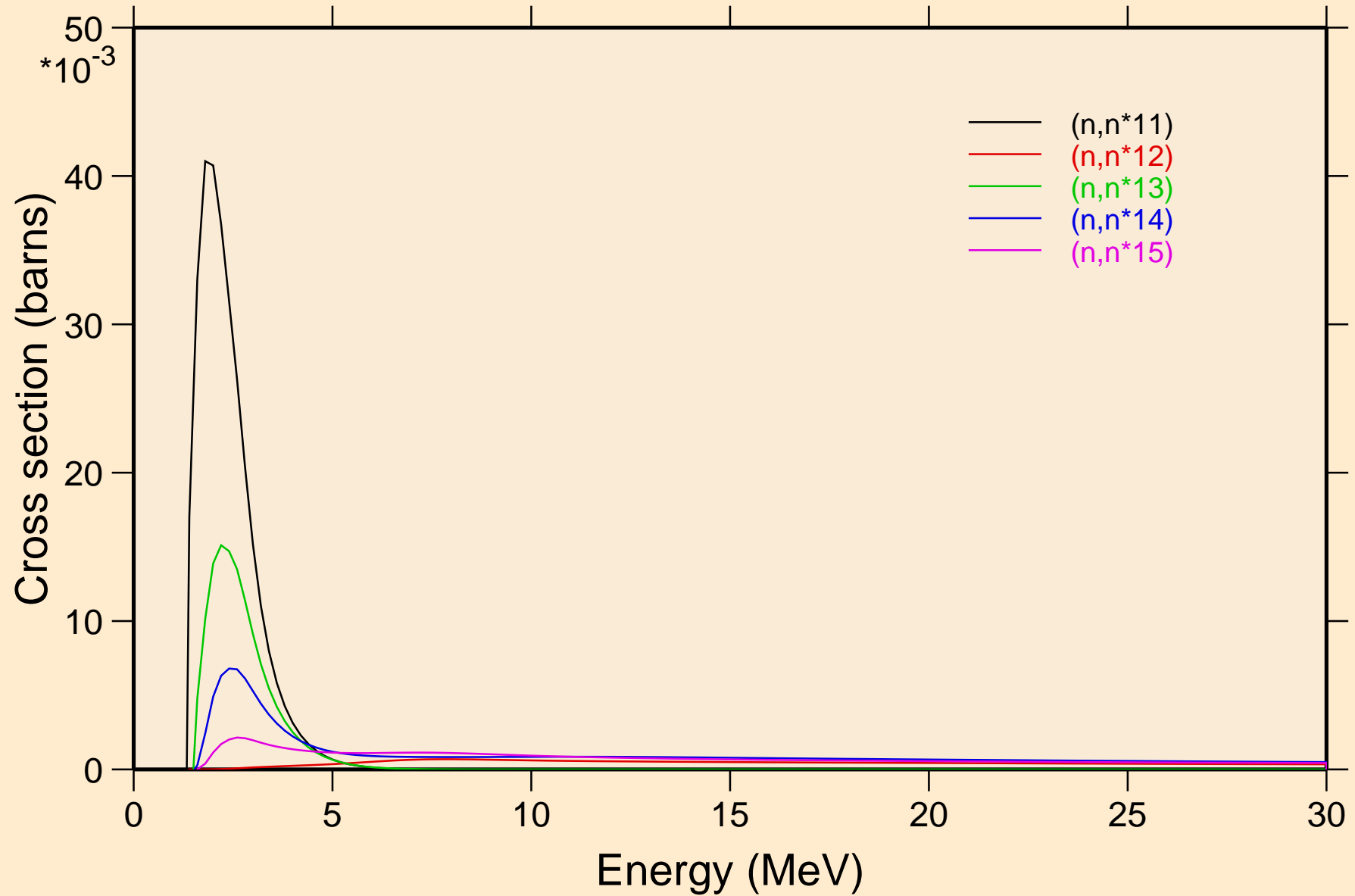
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



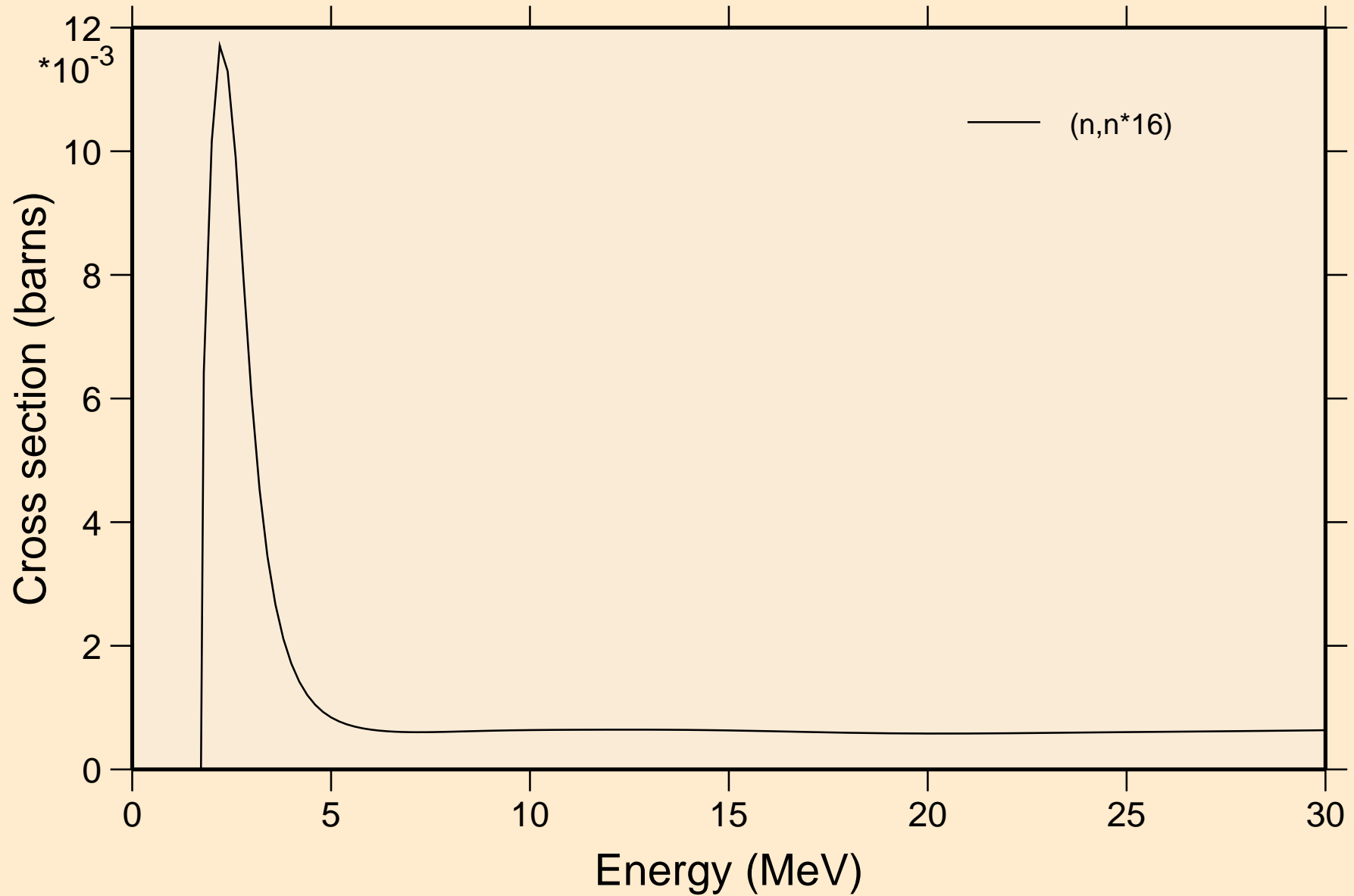
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



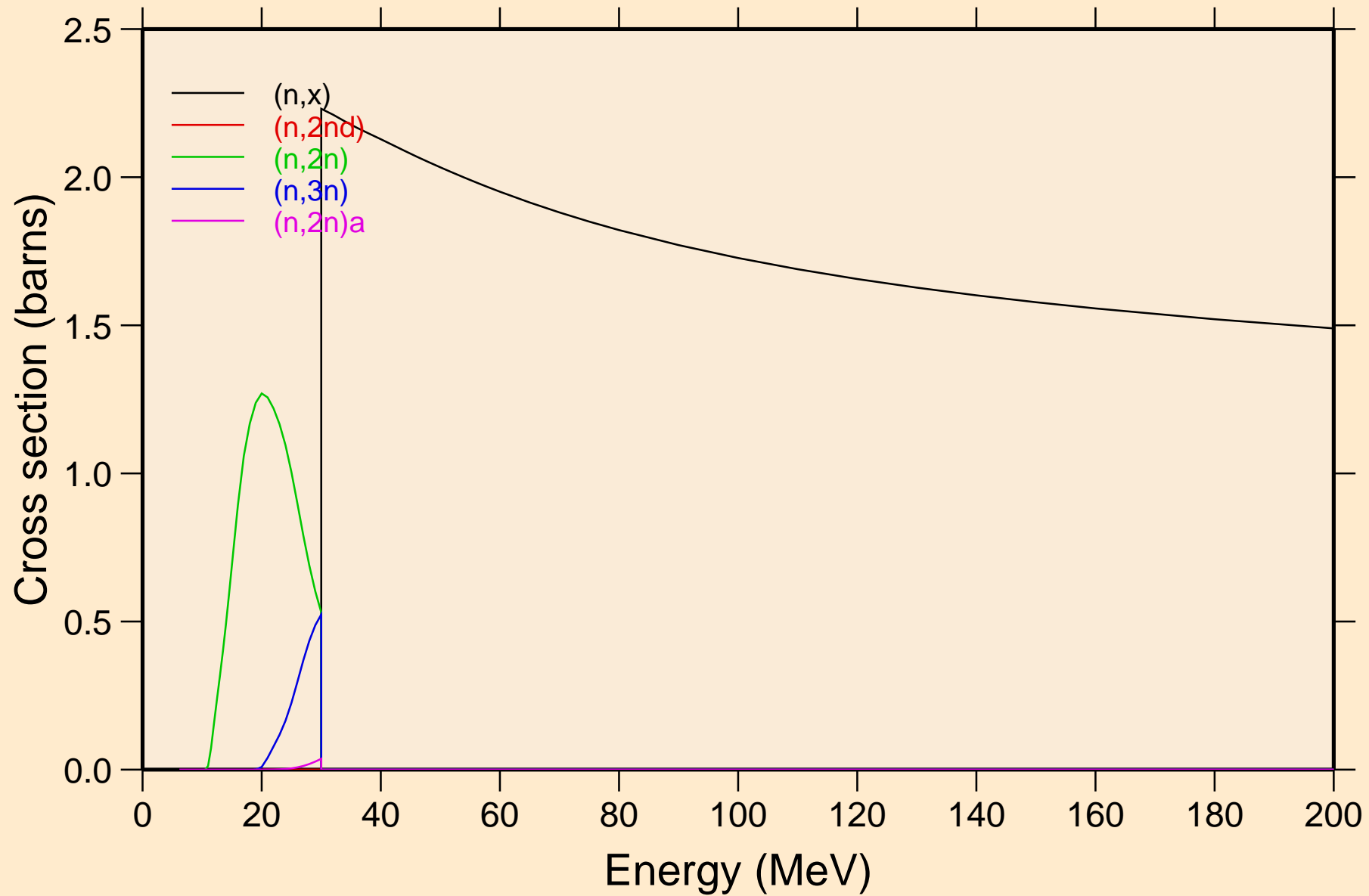
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



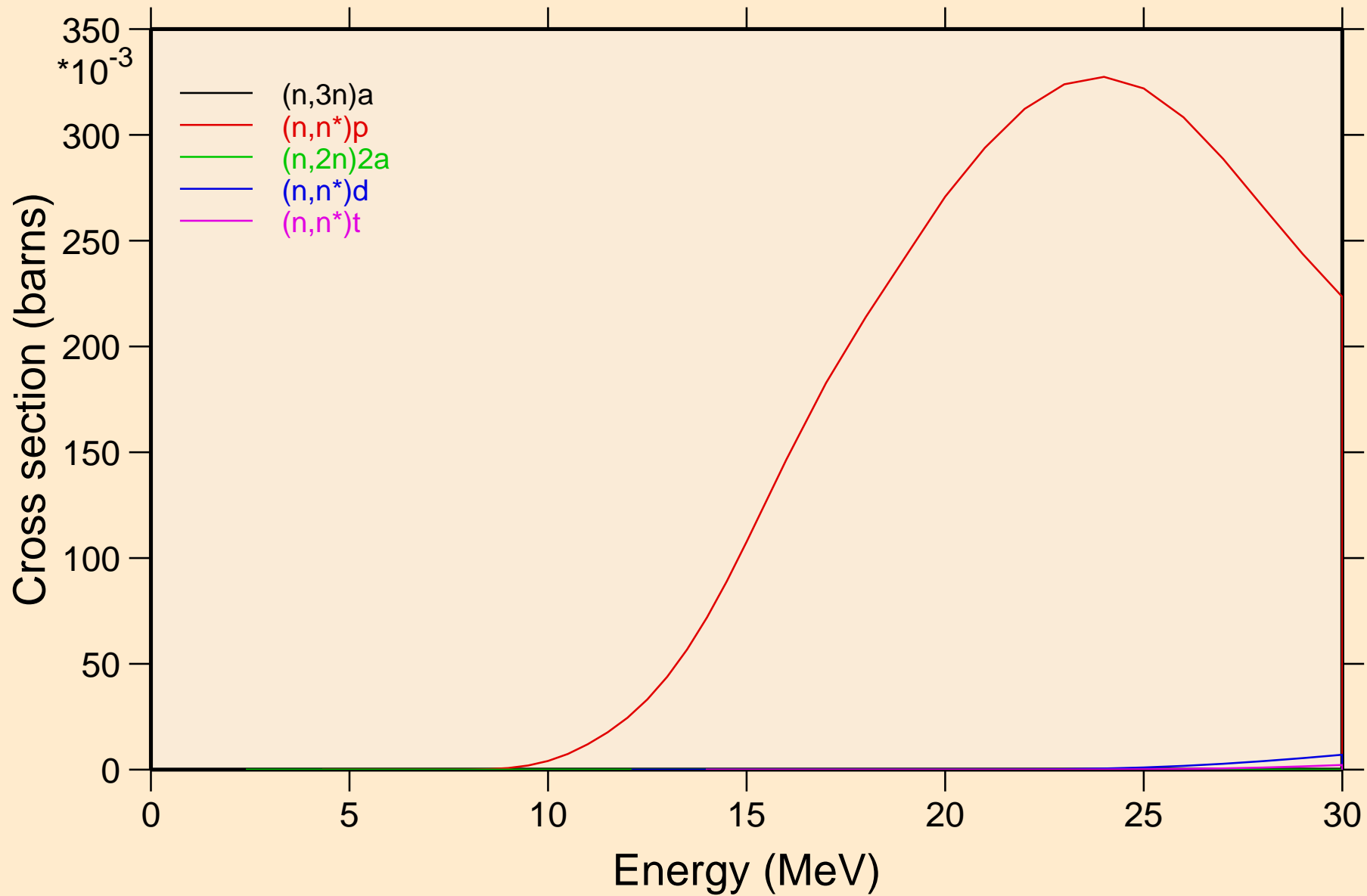
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



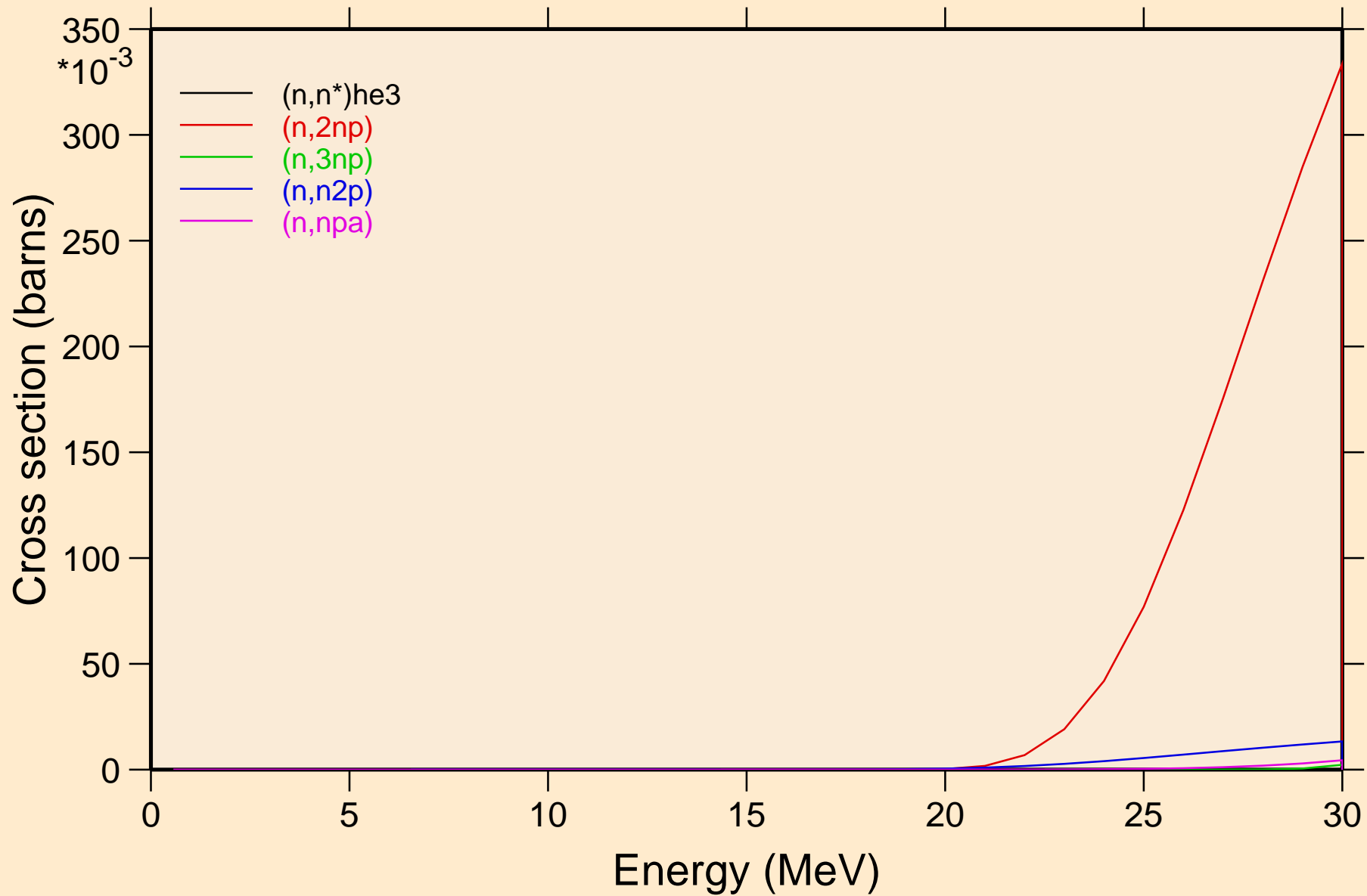
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Threshold reactions



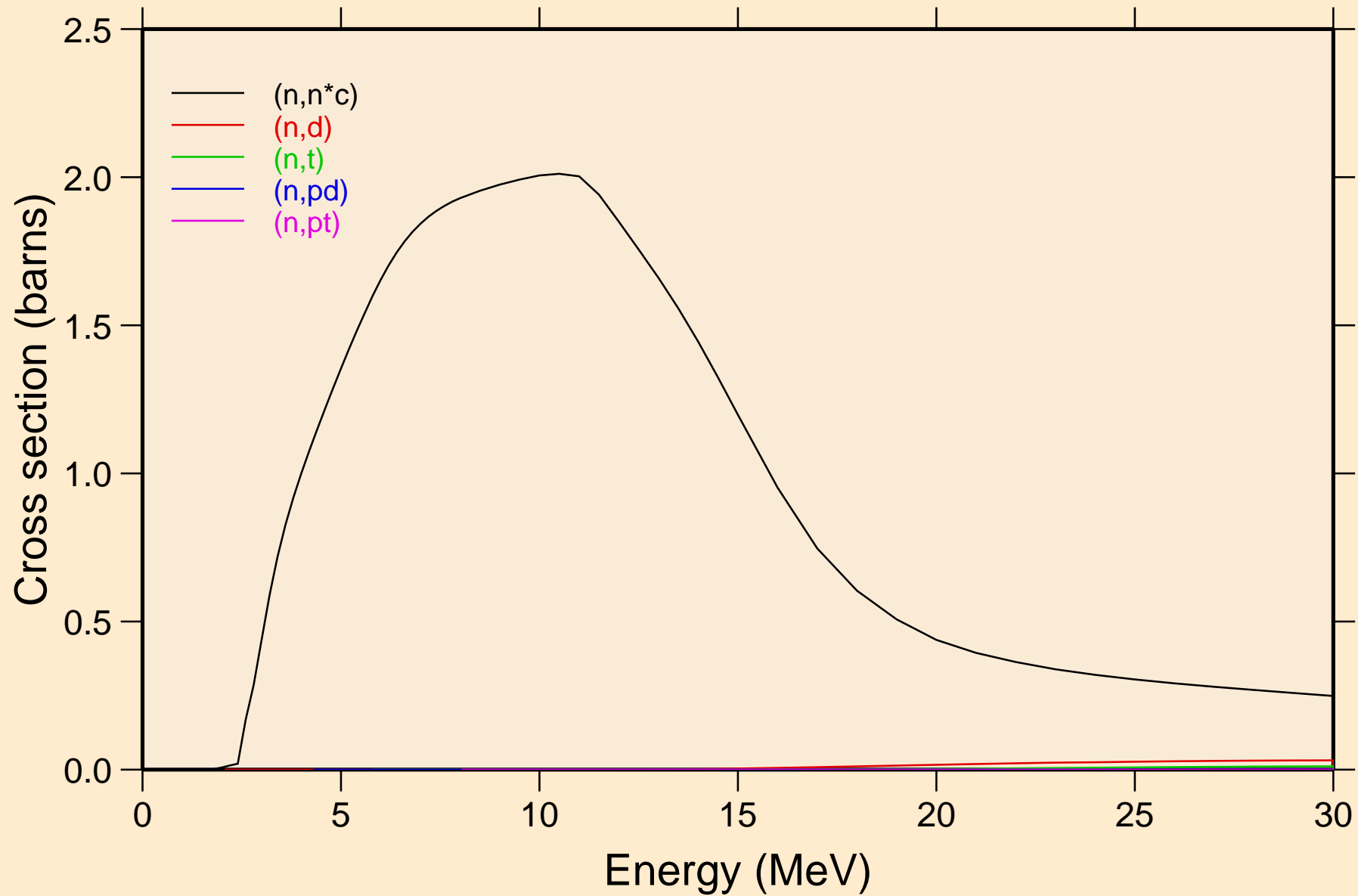
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Threshold reactions



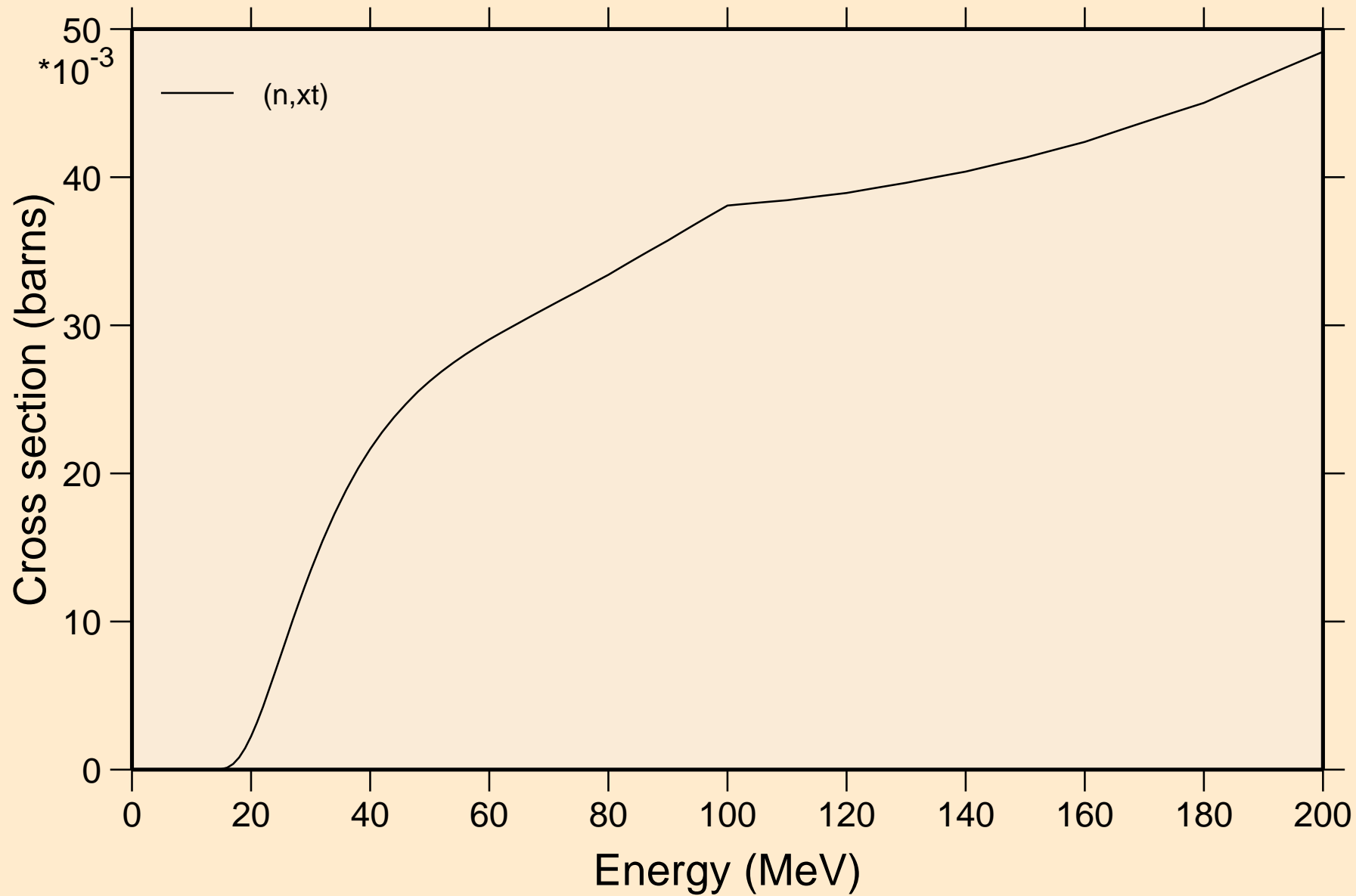
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Threshold reactions



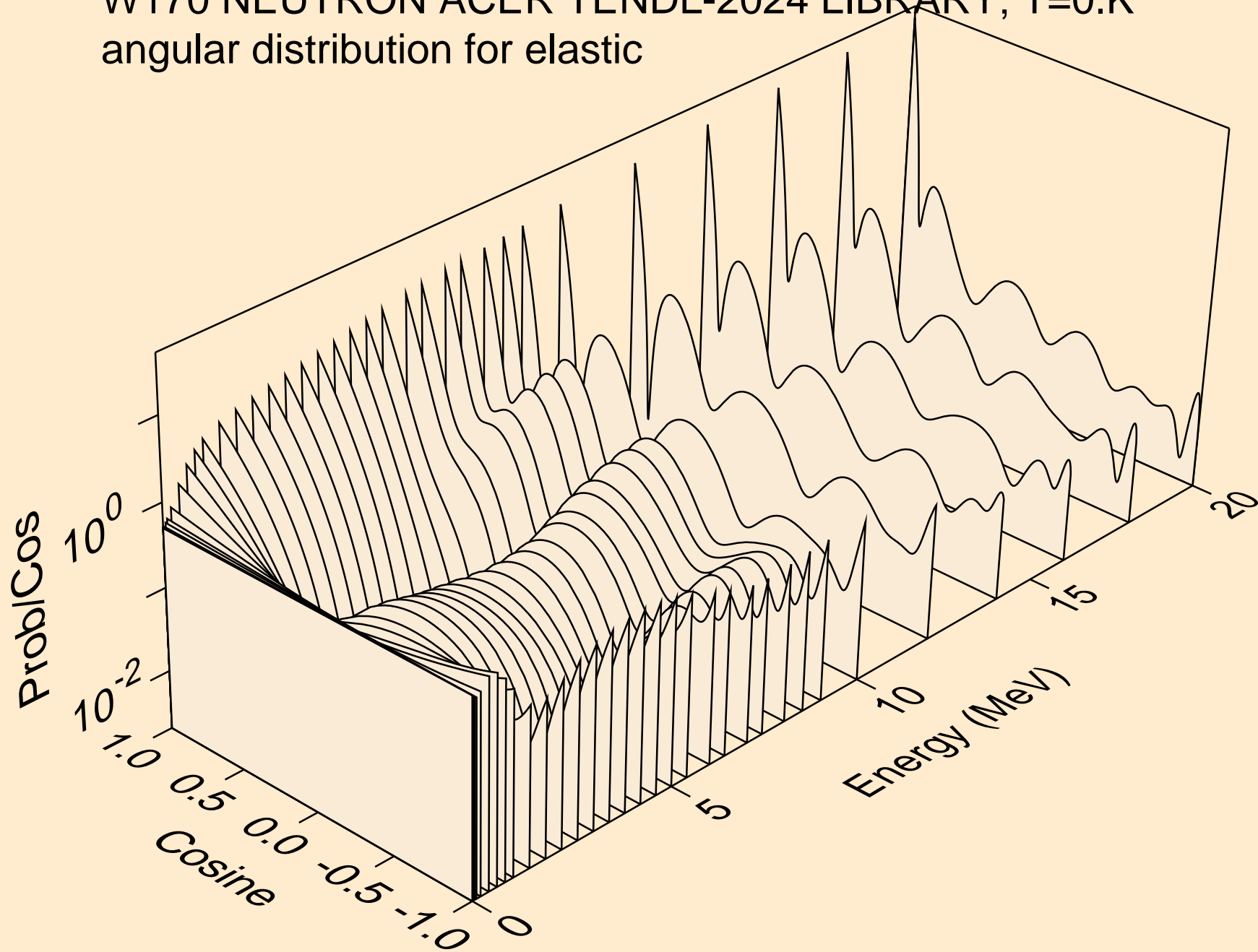
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Threshold reactions



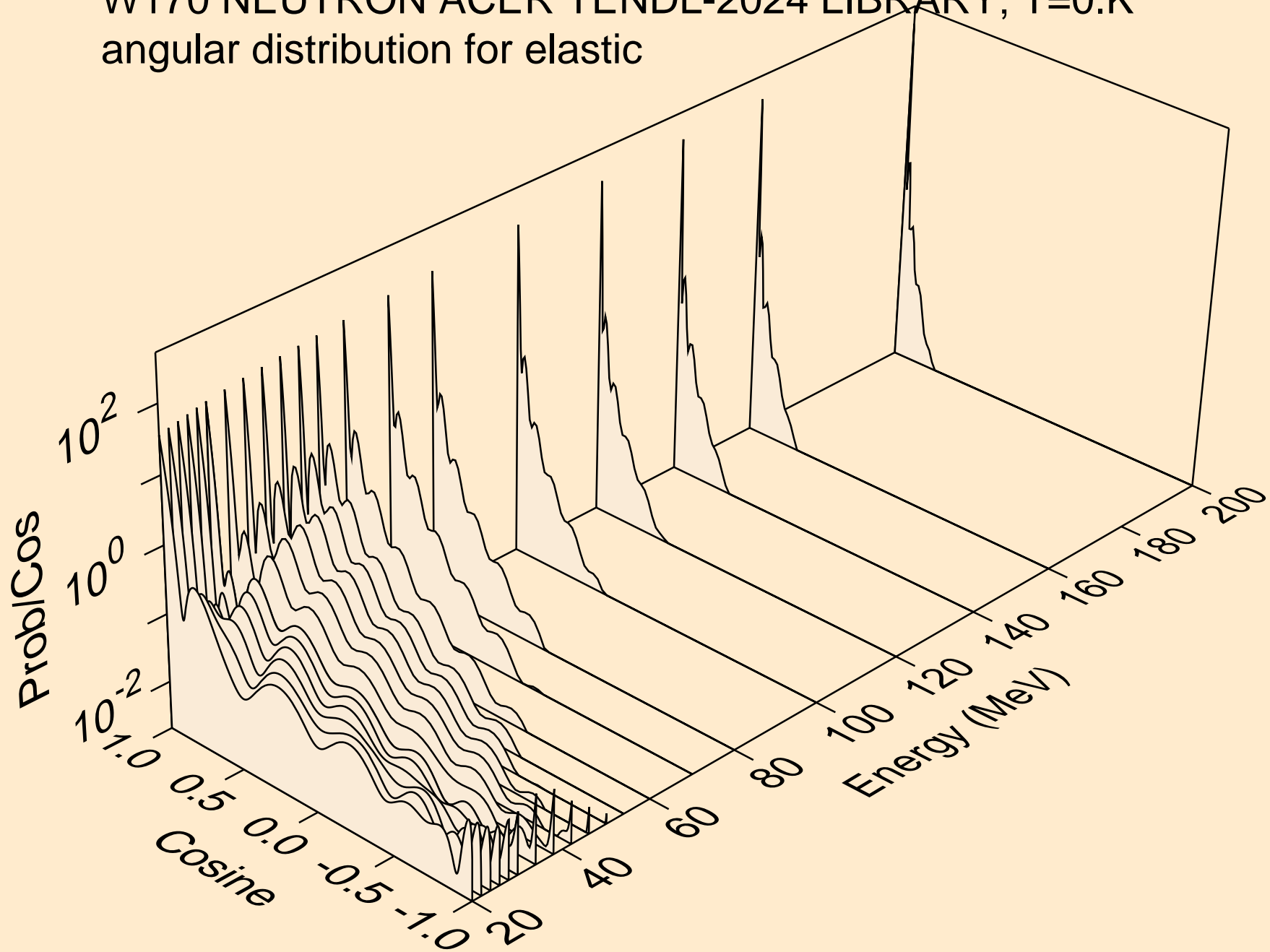
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Threshold reactions



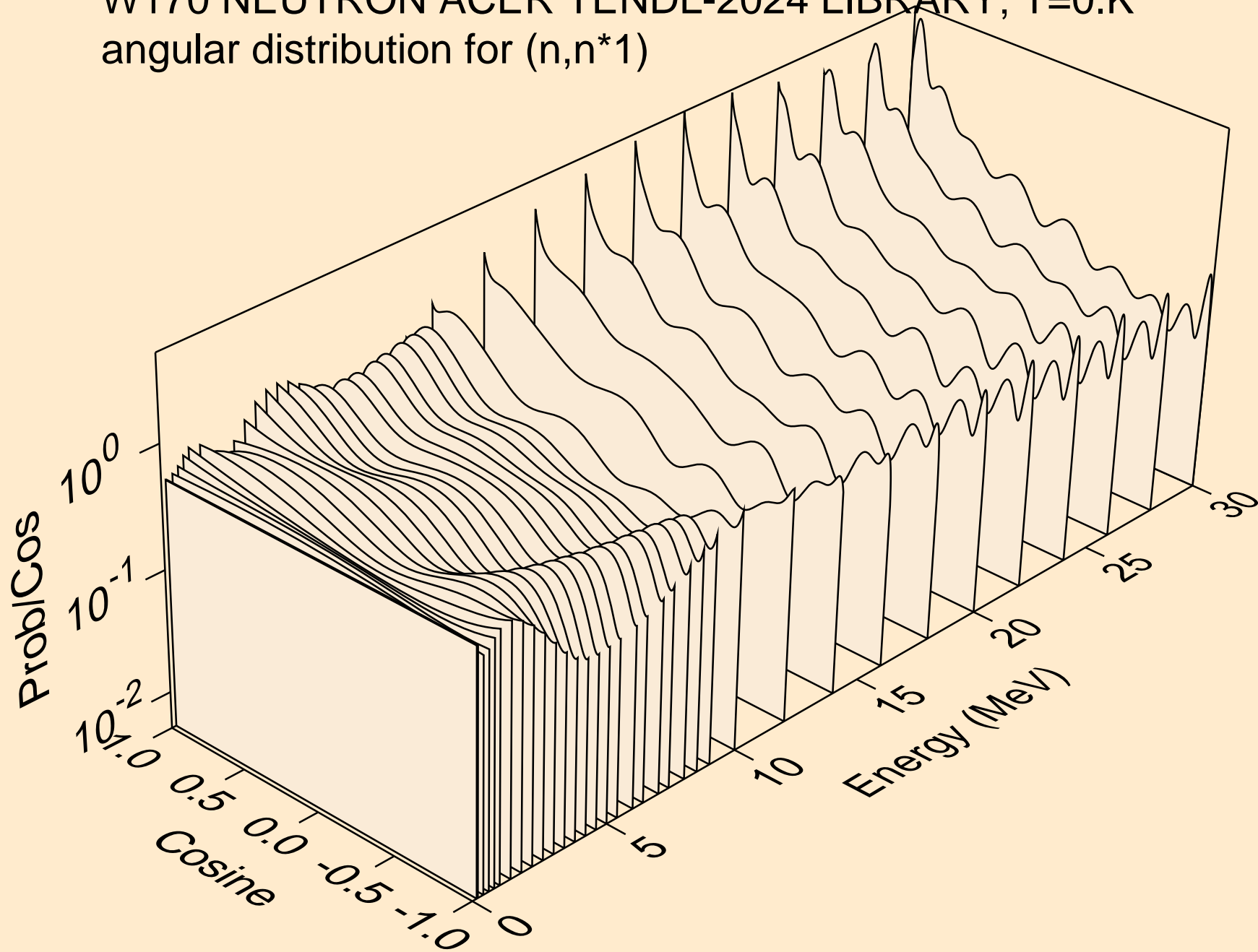
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angular distribution for elastic



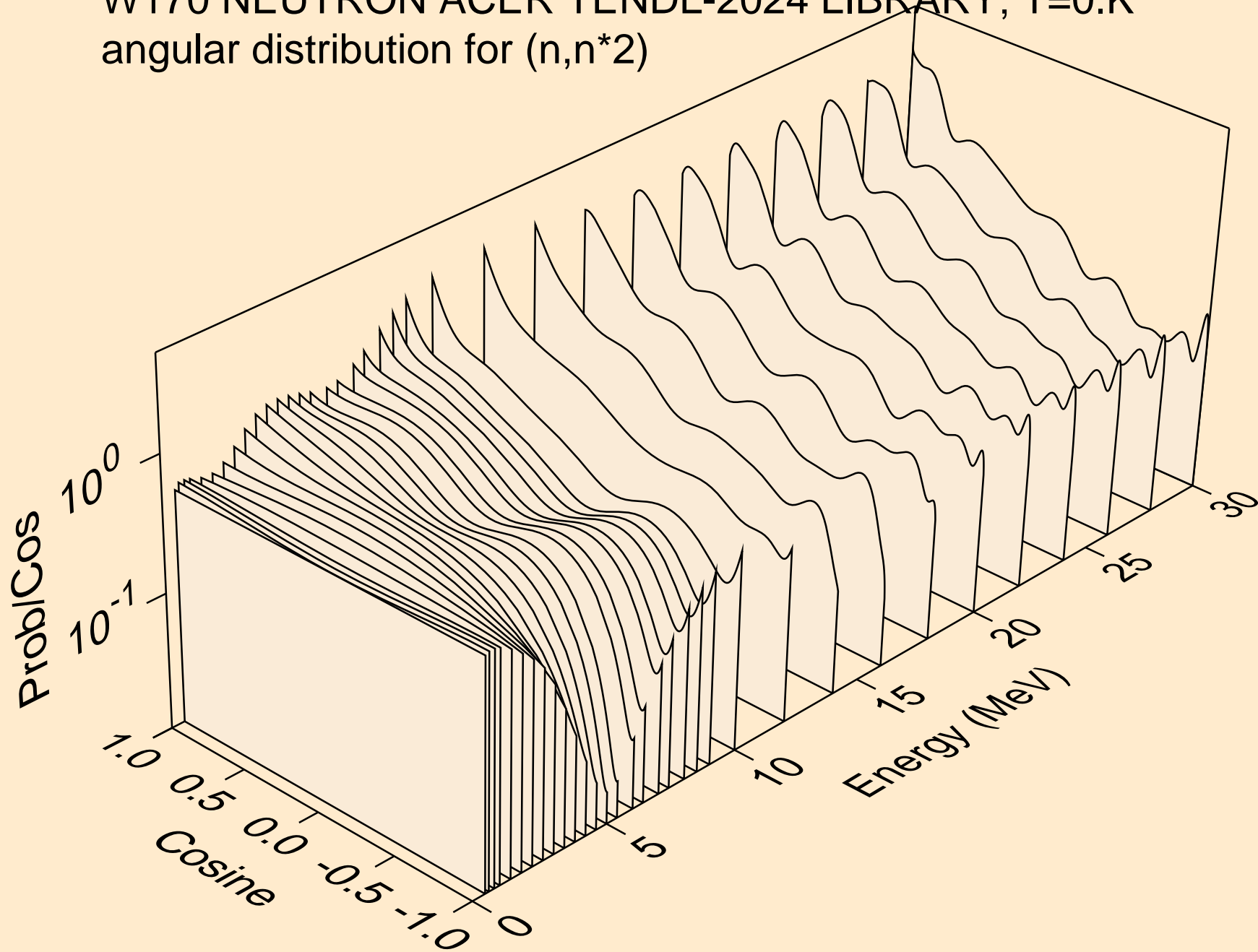
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angular distribution for elastic



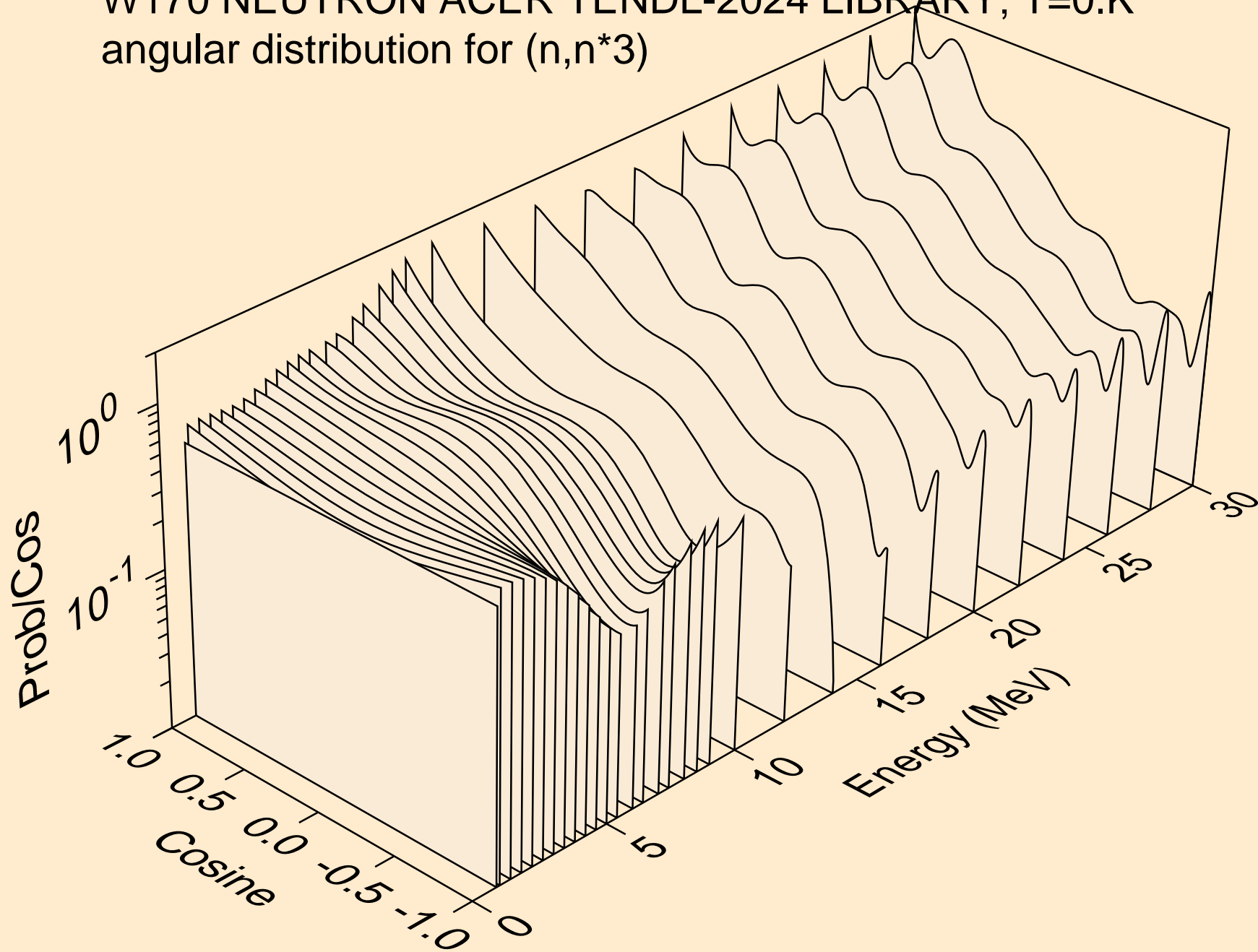
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



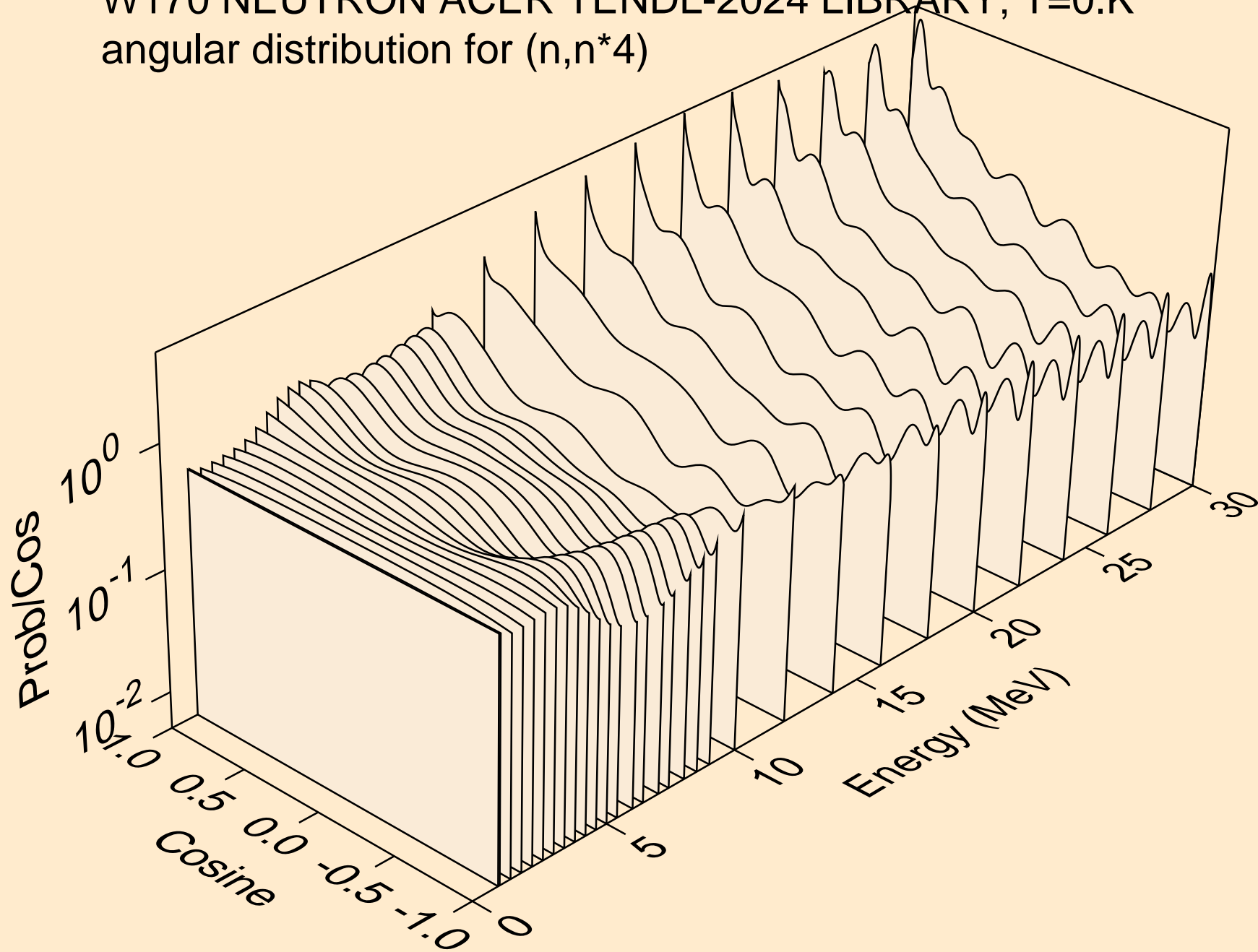
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angular distribution for (n,n\*2)



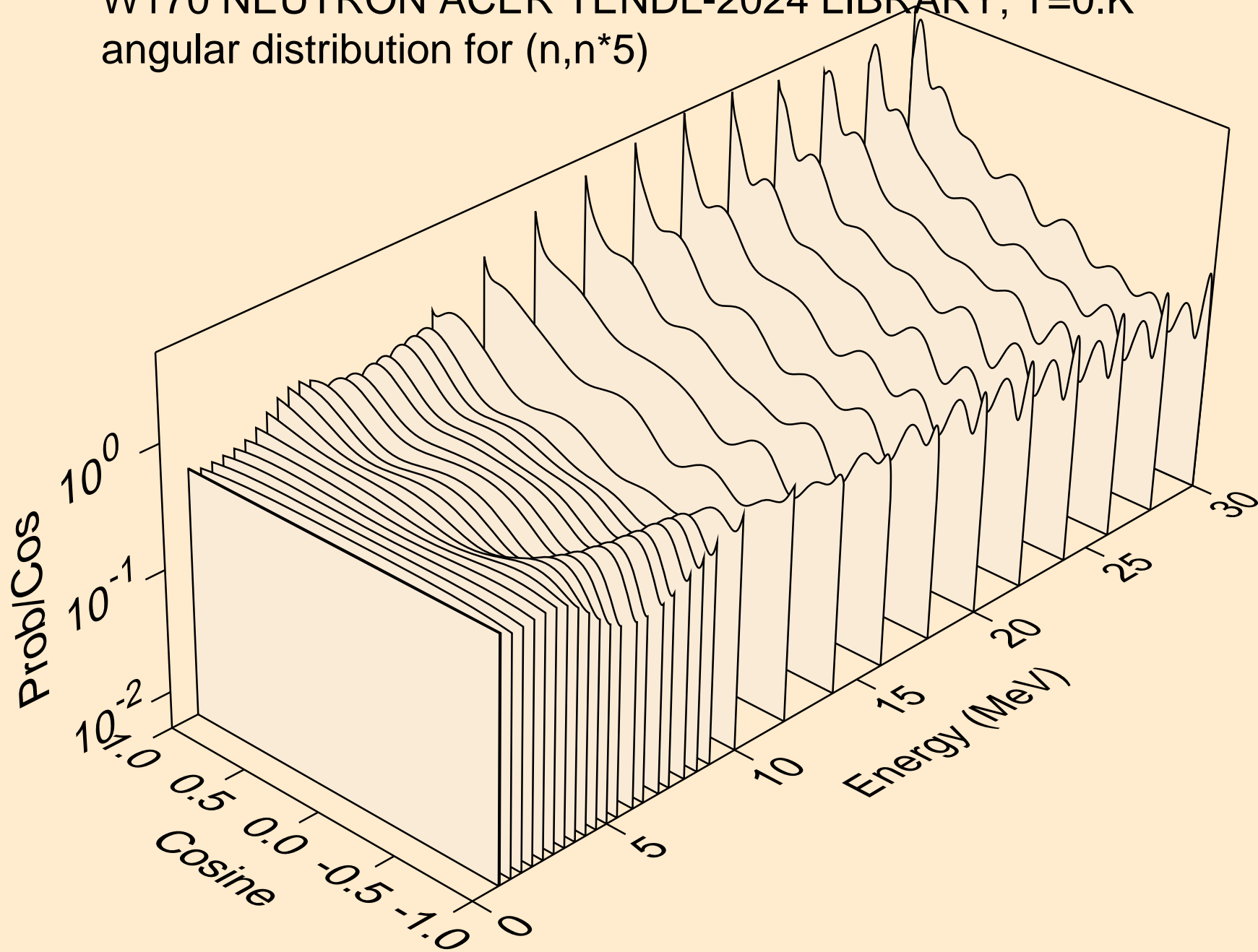
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angular distribution for (n,n\*3)



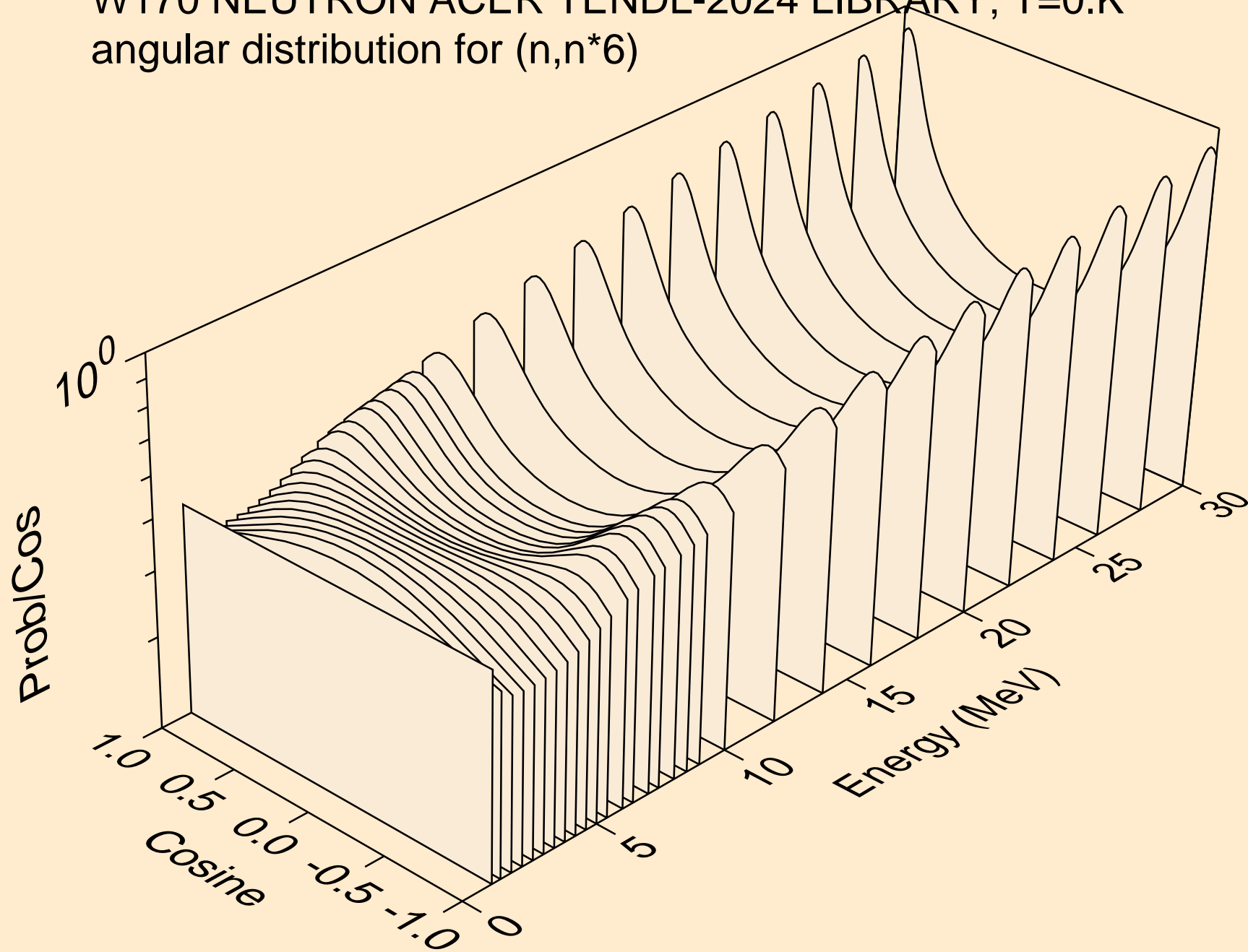
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angular distribution for (n,n\*4)



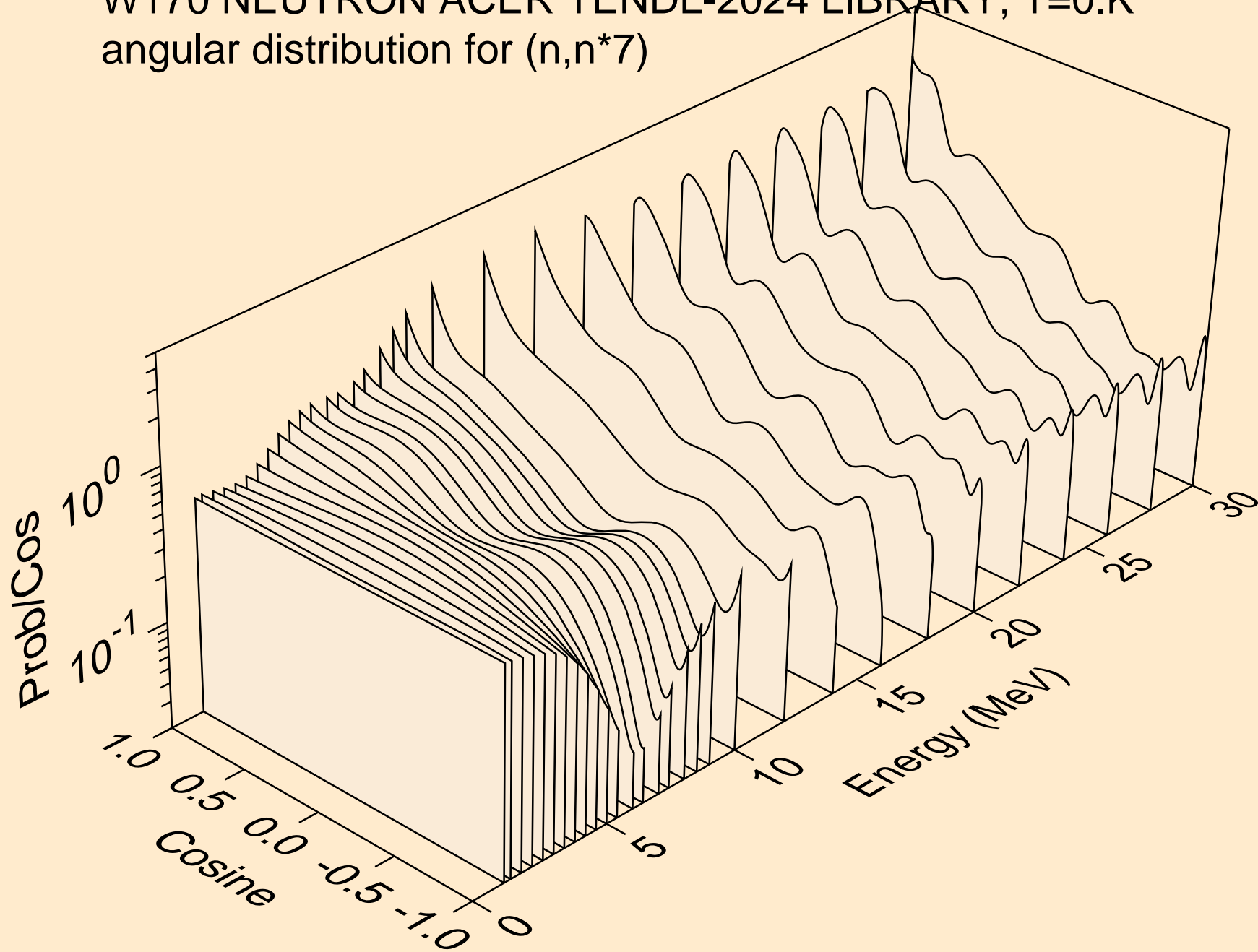
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angular distribution for (n,n\*5)



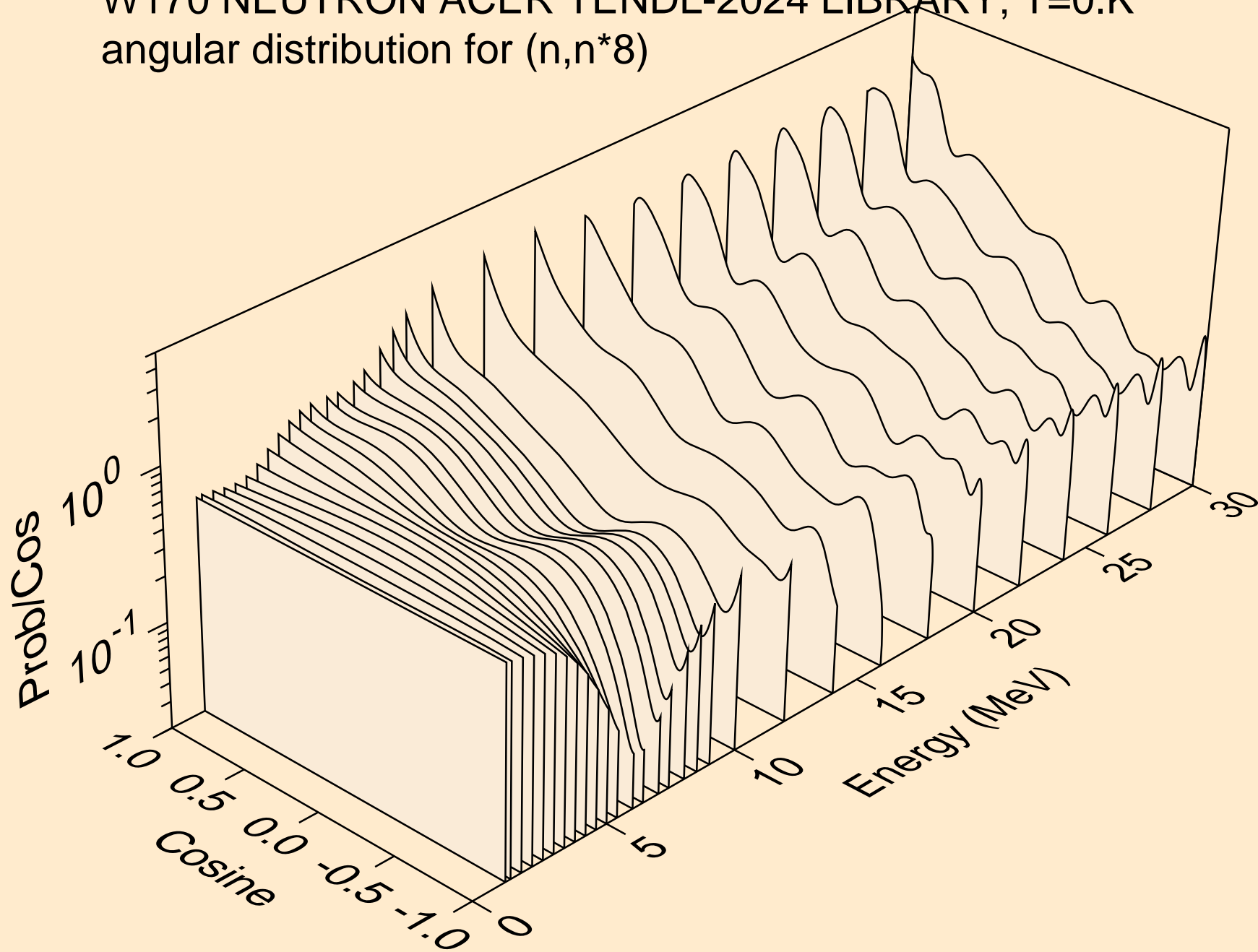
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angular distribution for (n,n\*6)



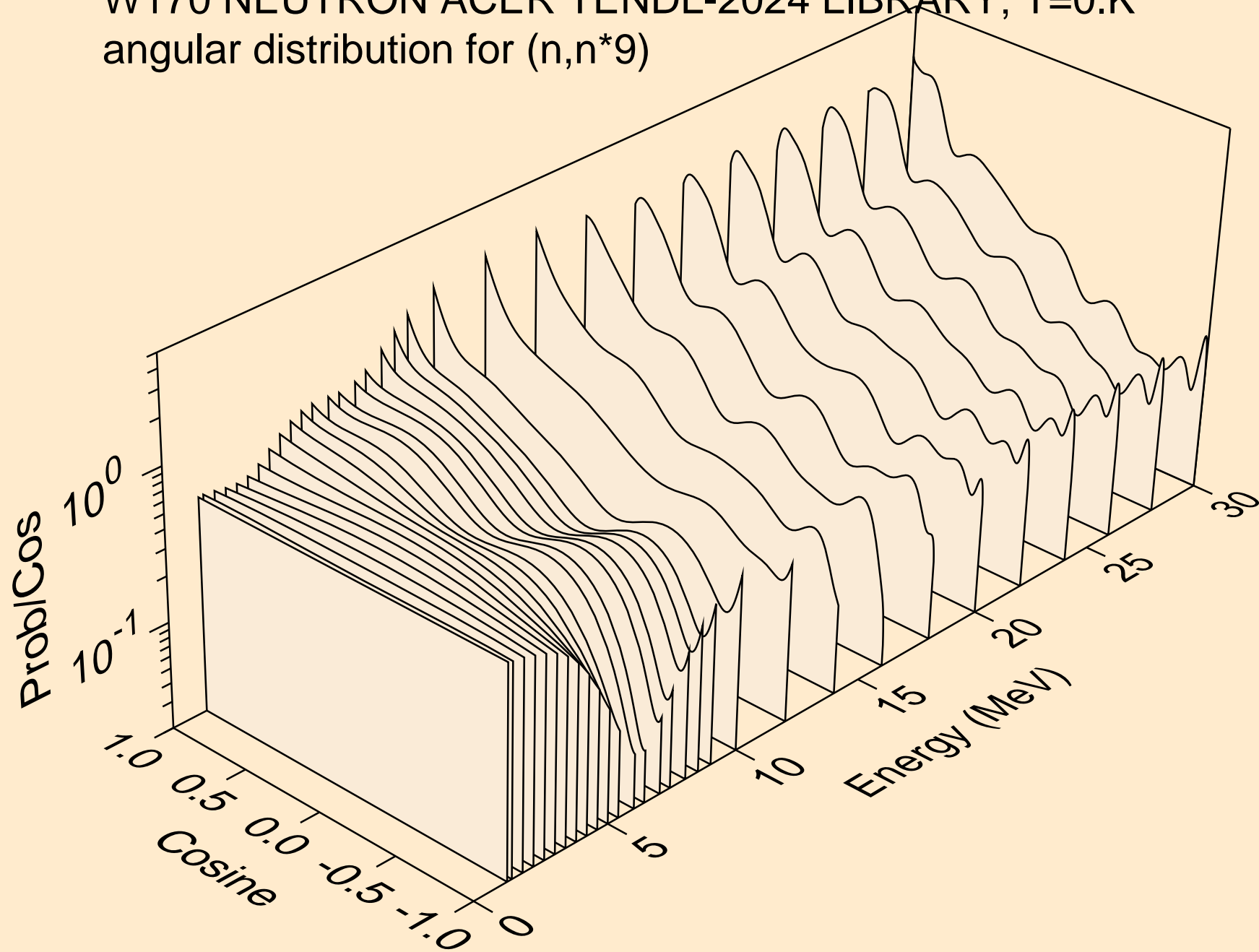
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angular distribution for (n,n\*7)



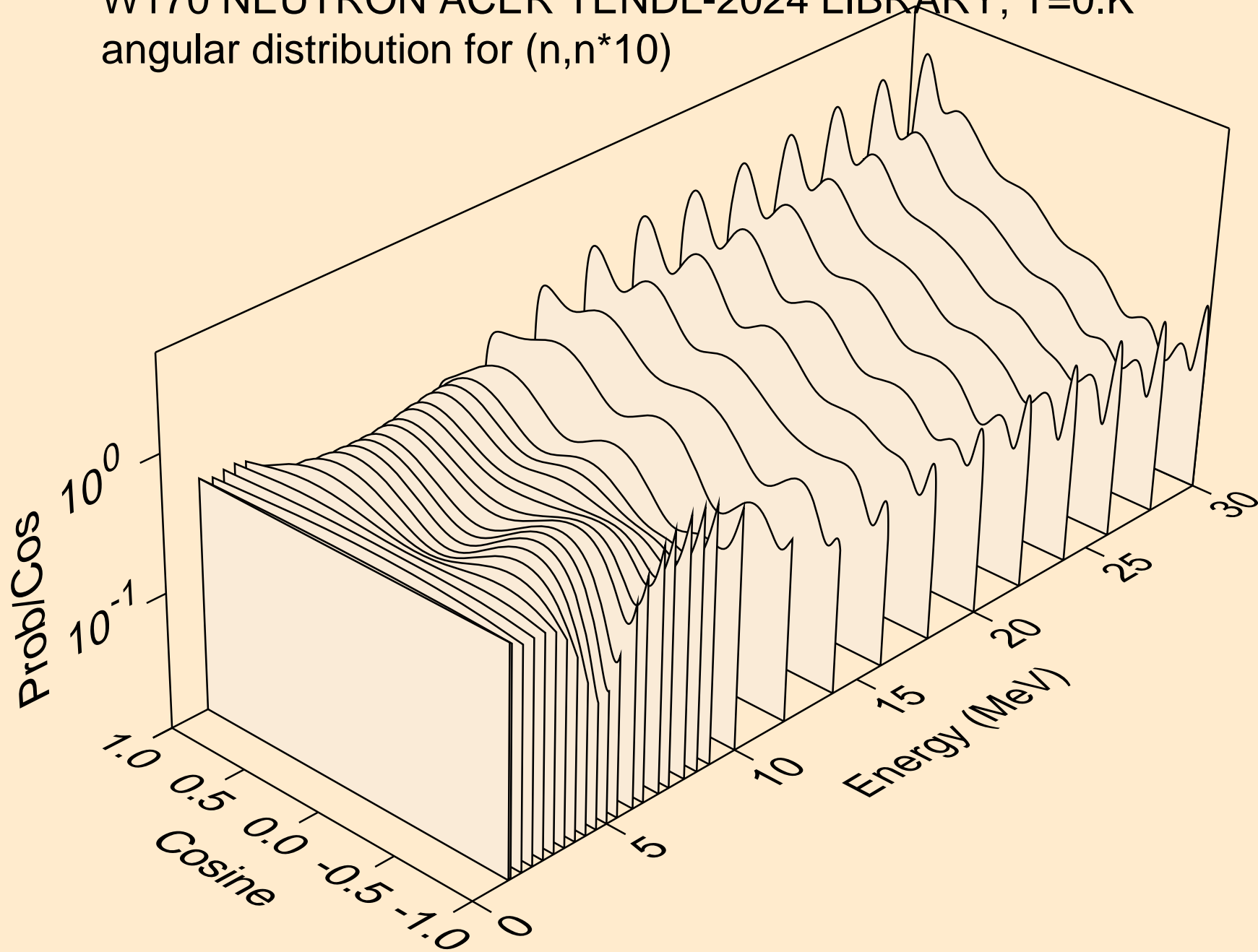
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angular distribution for (n,n\*8)



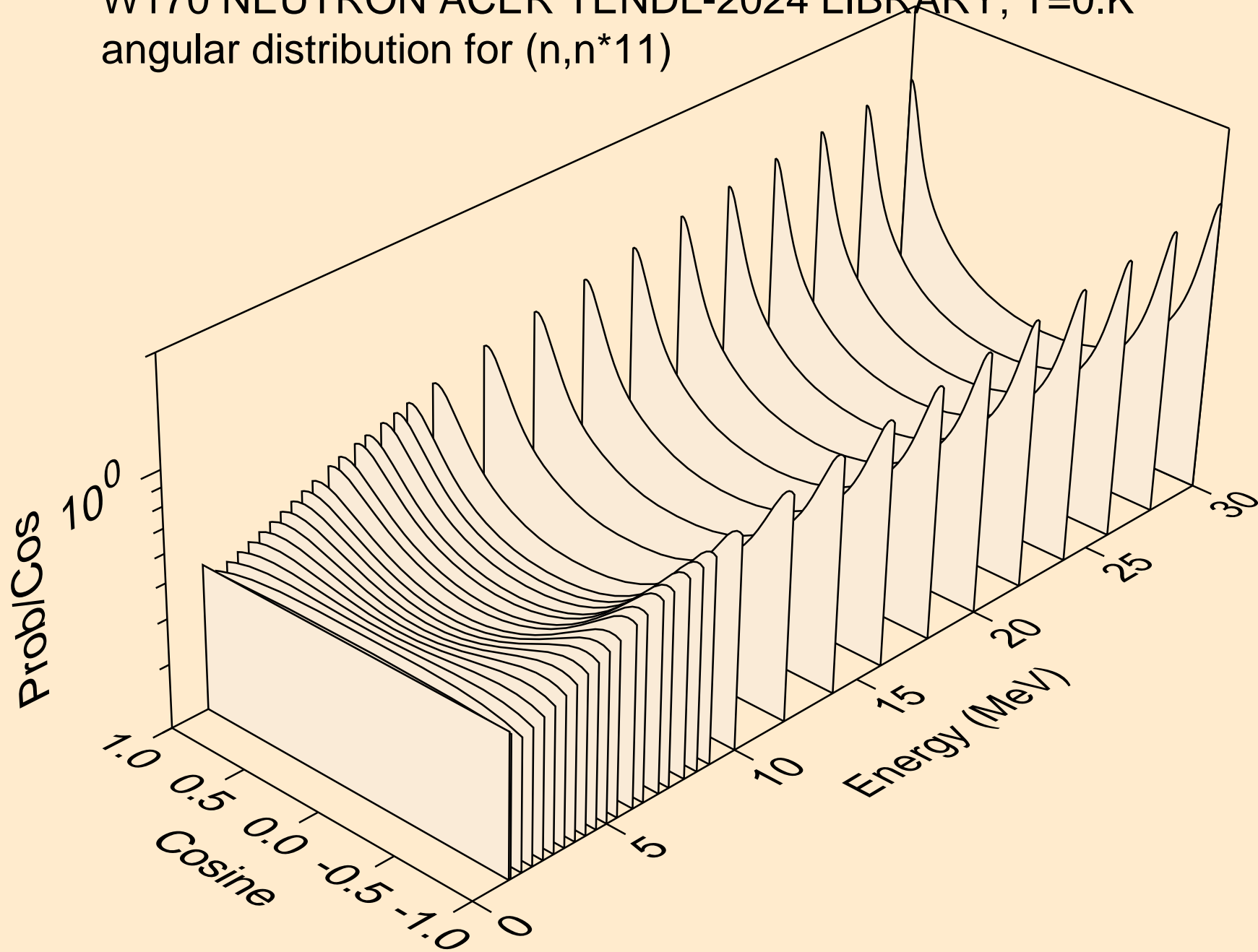
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angular distribution for (n,n\*9)



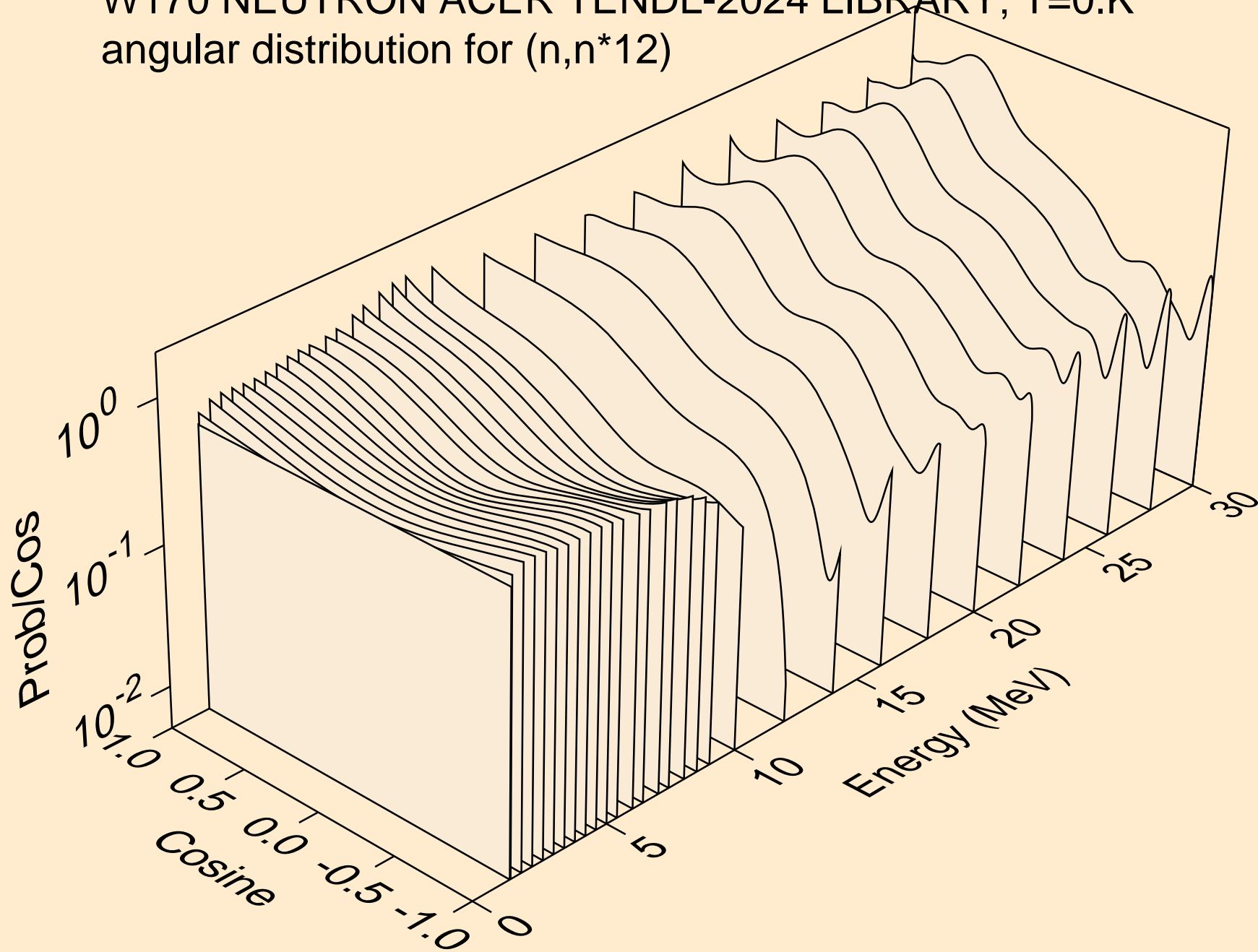
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angular distribution for (n,n\*10)



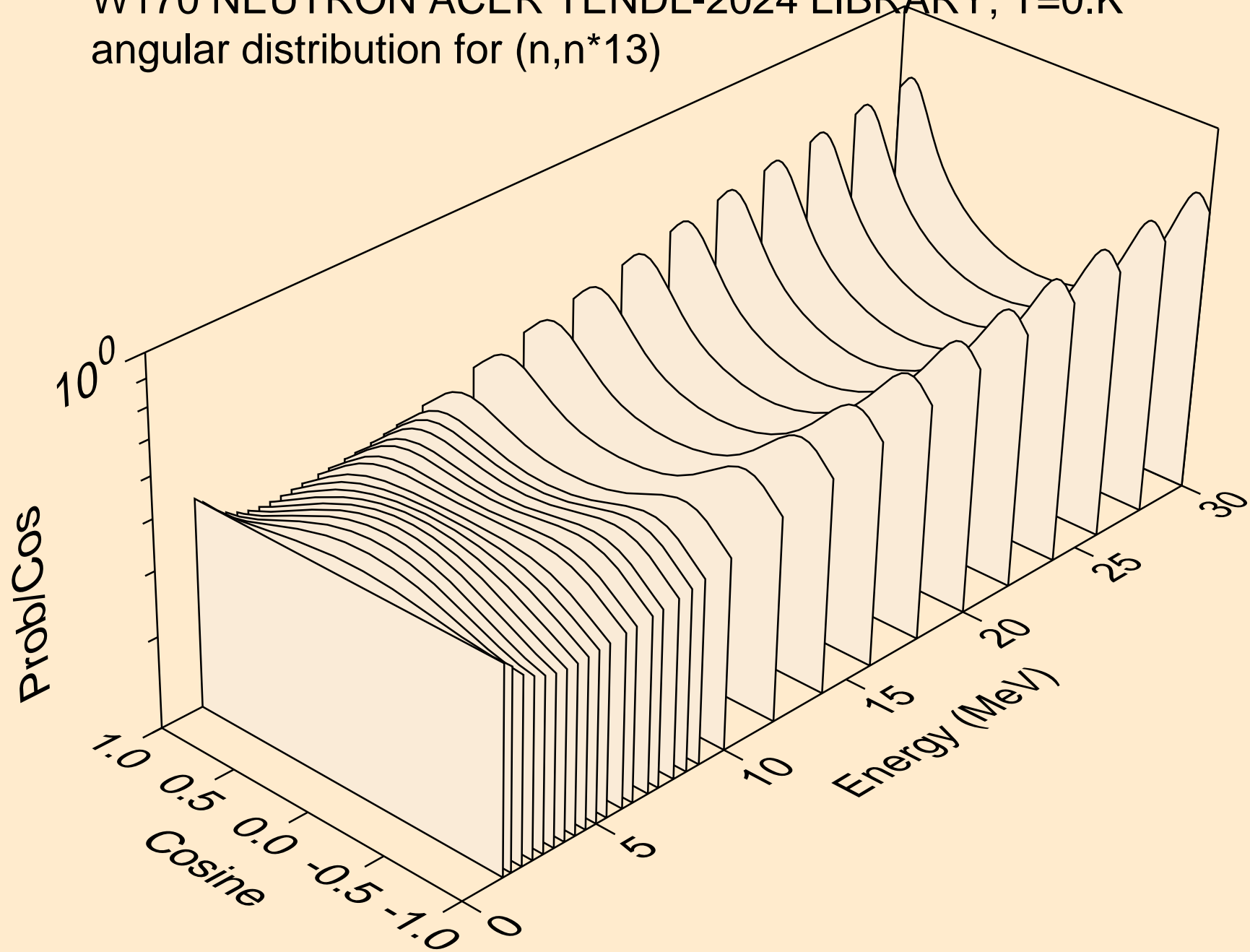
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angular distribution for (n,n\*11)



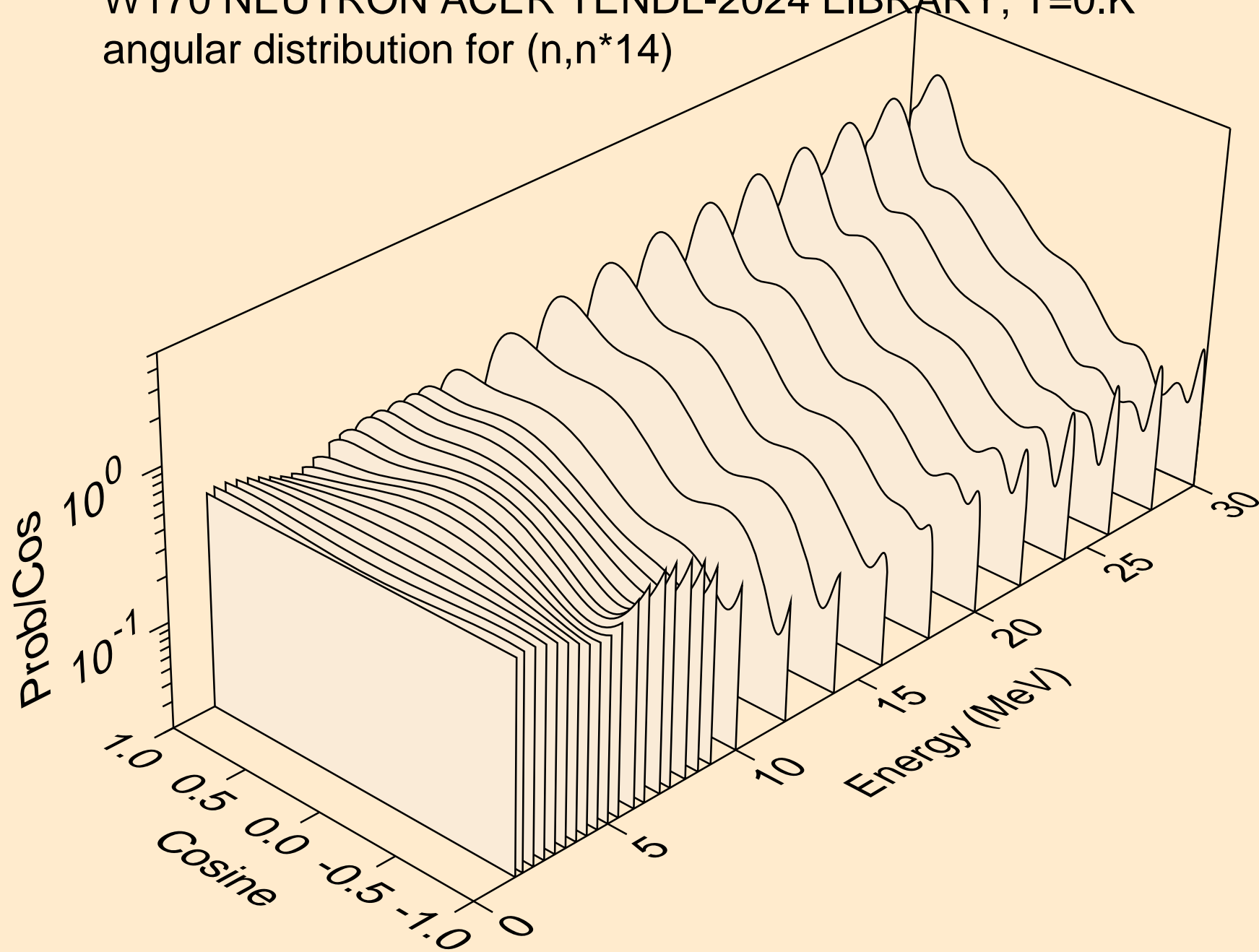
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angular distribution for (n,n\*12)



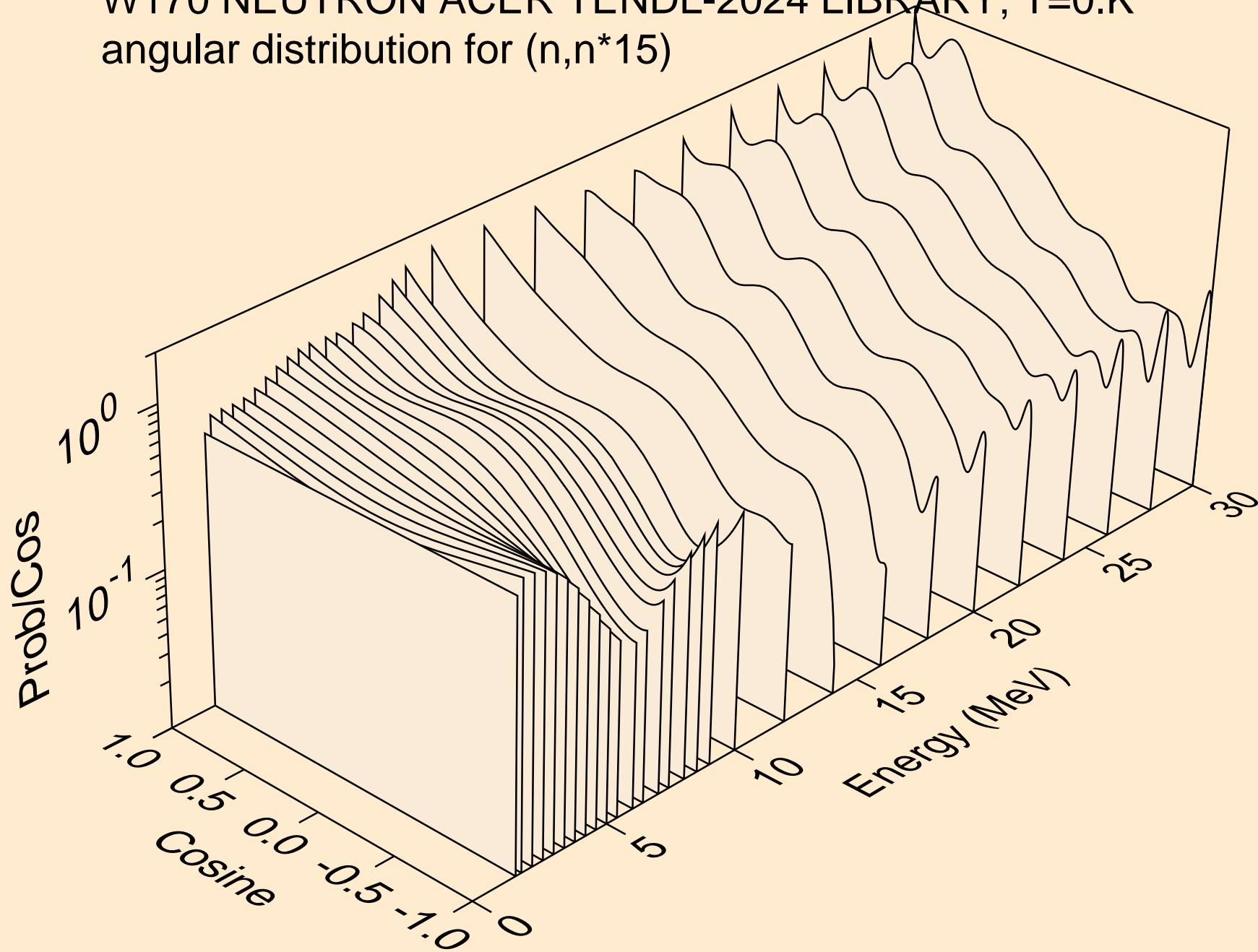
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angular distribution for (n,n\*13)



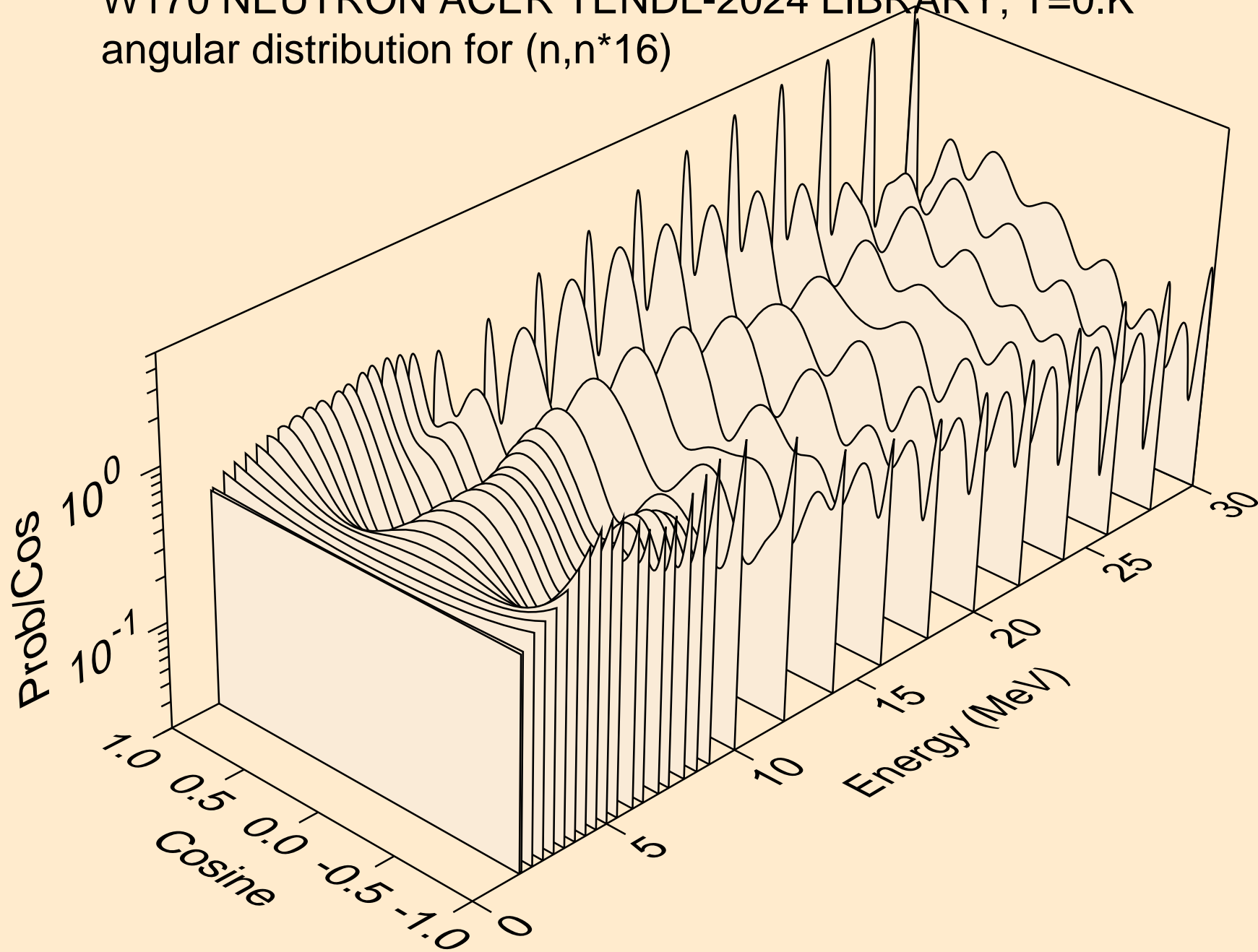
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angular distribution for (n,n\*14)



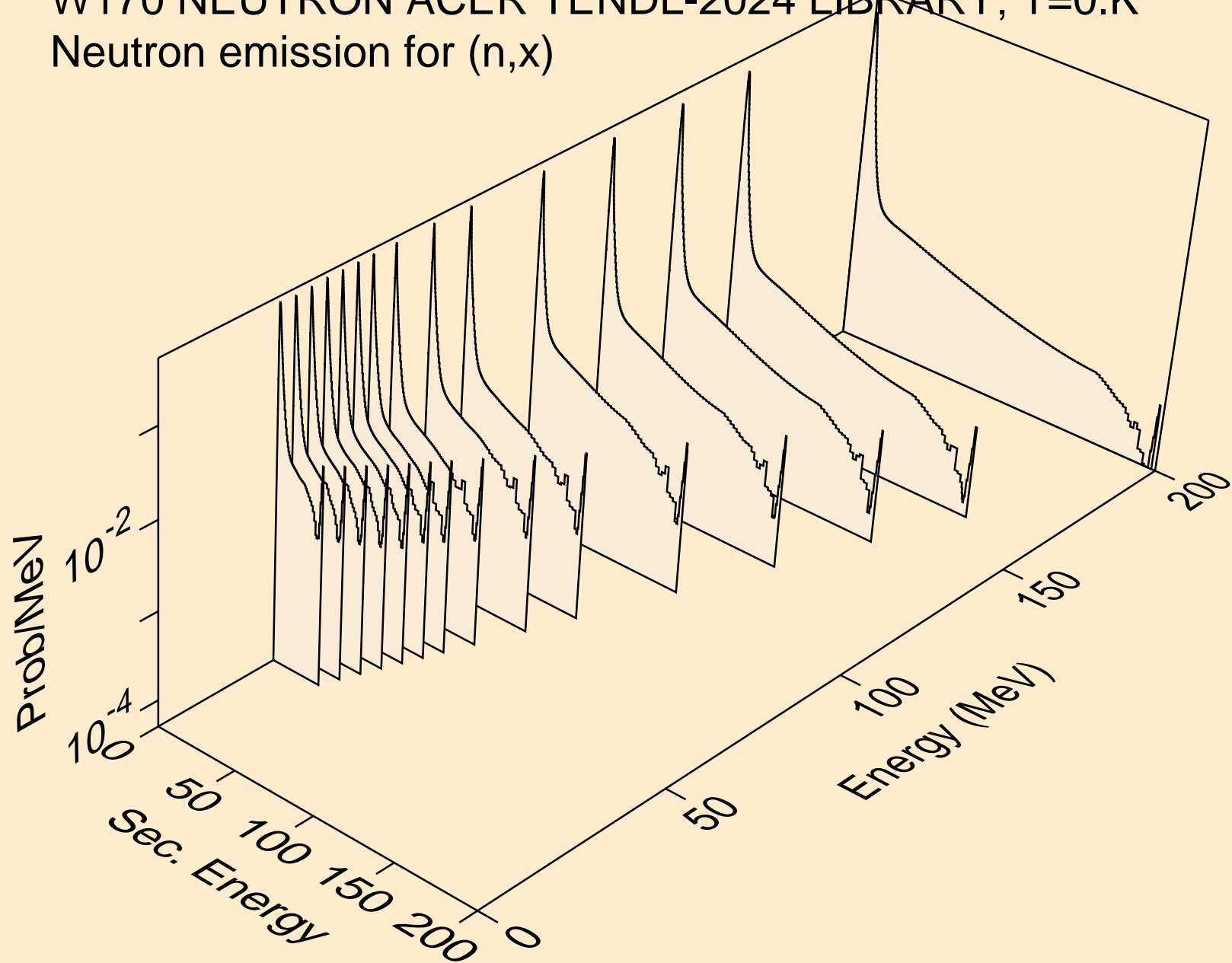
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angular distribution for (n,n\*15)



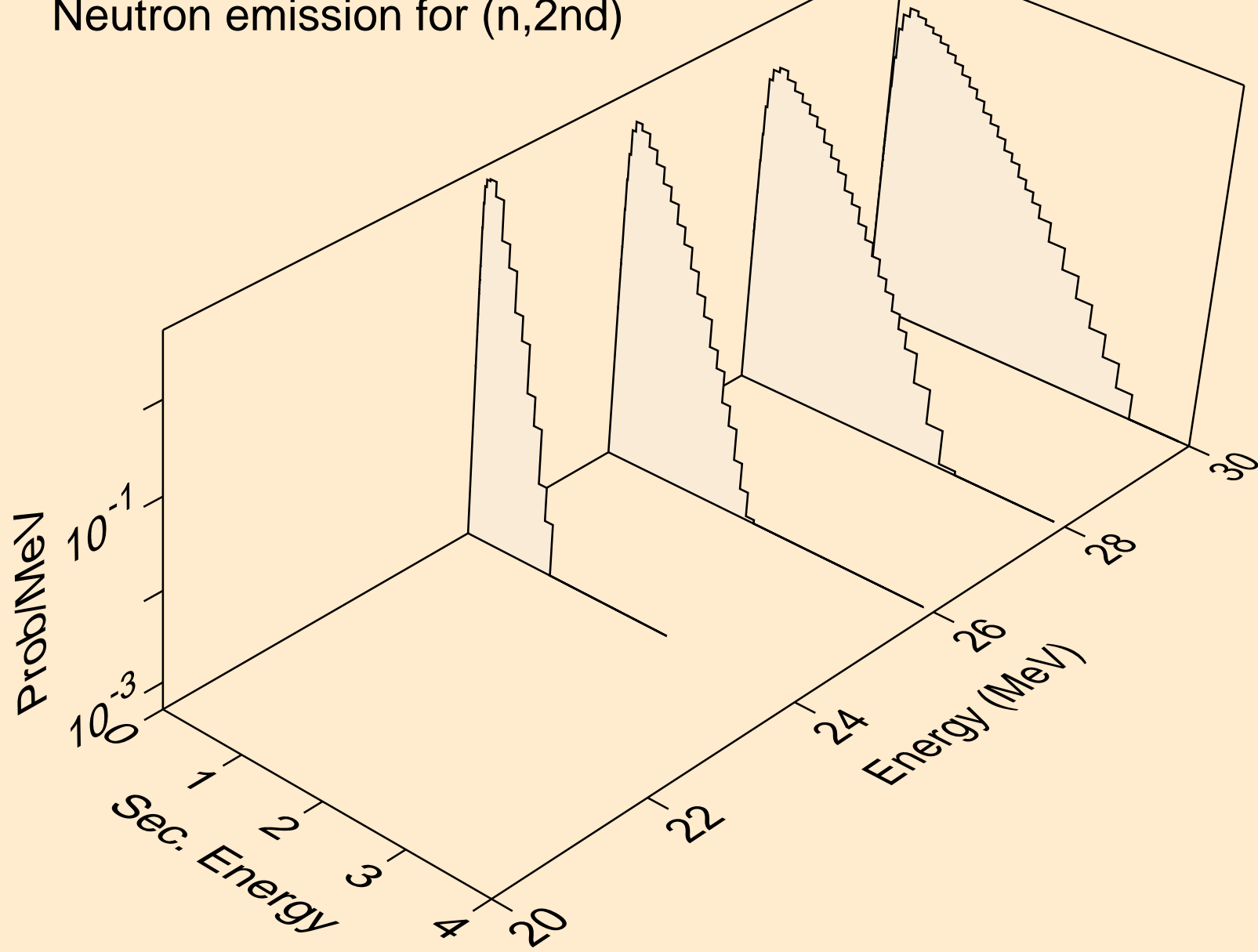
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angular distribution for (n,n\*16)



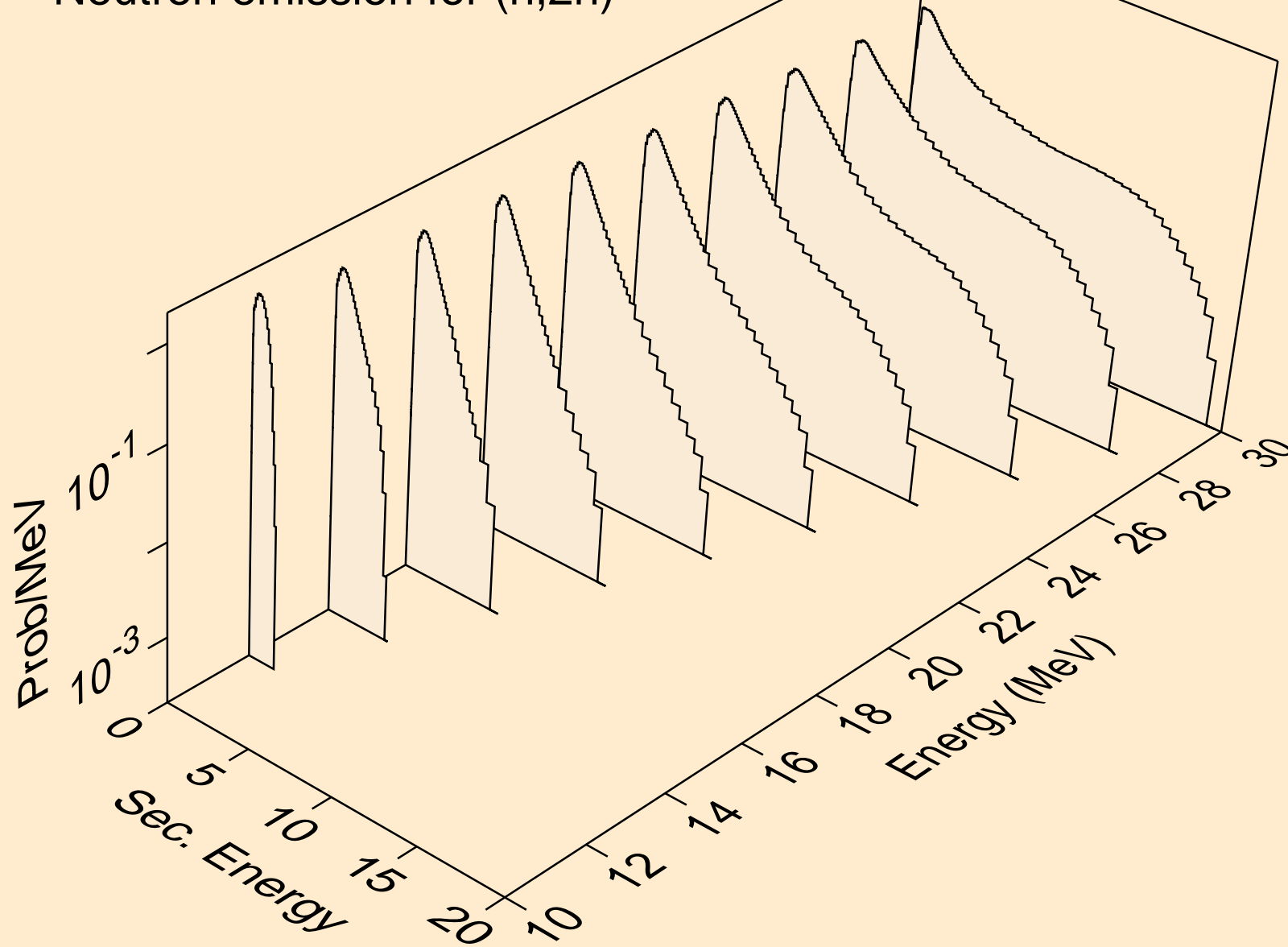
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Neutron emission for (n,x)



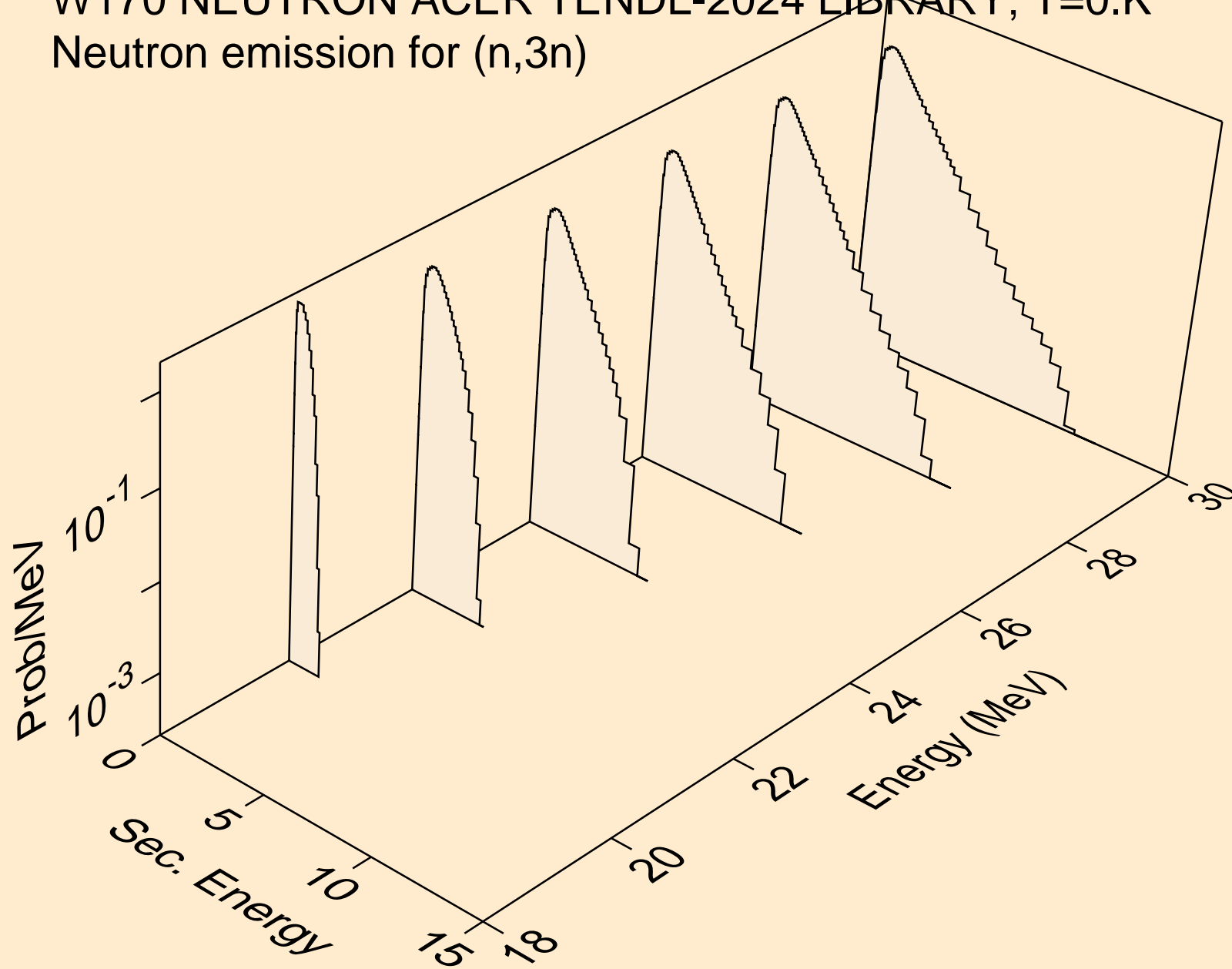
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Neutron emission for (n,2nd)



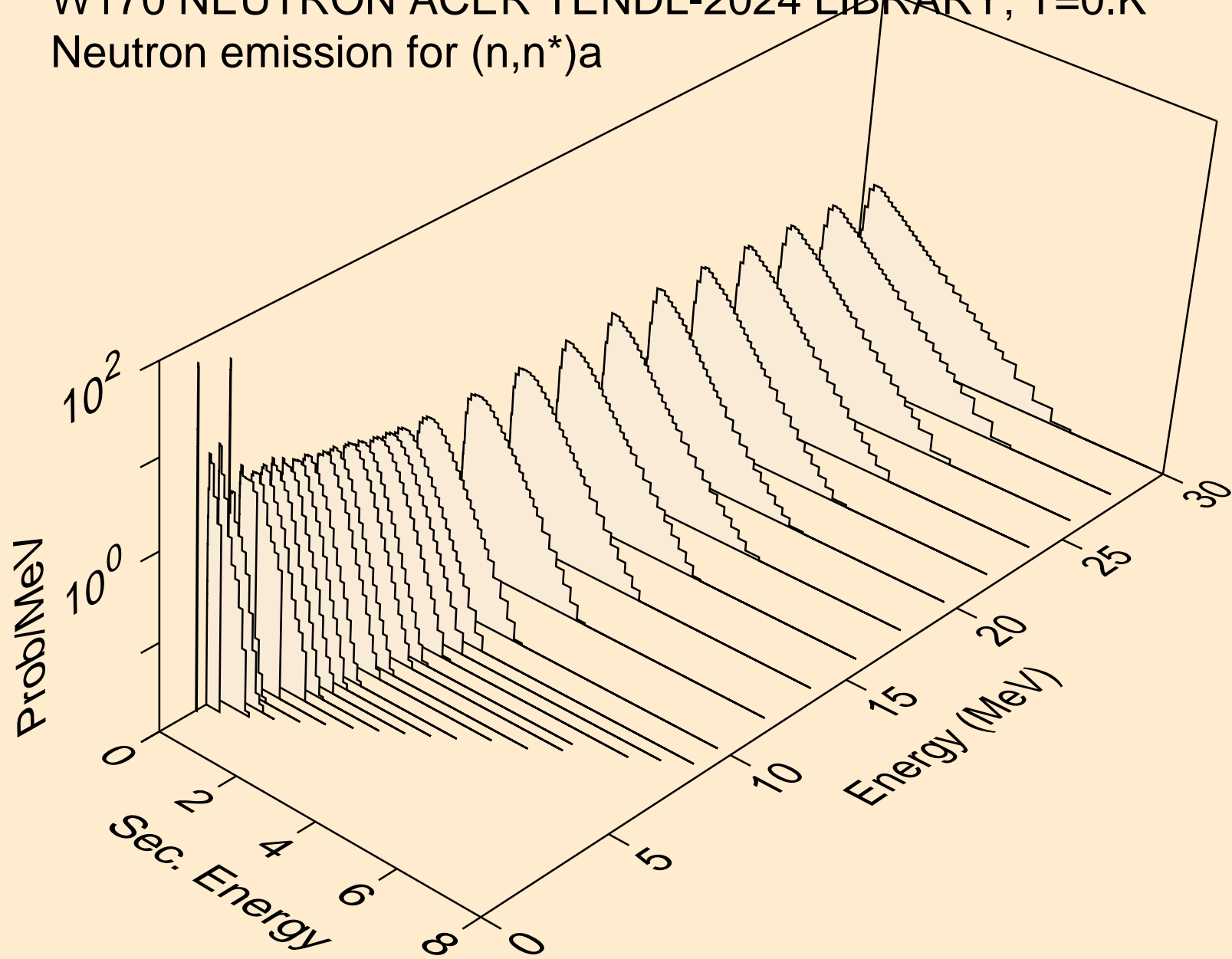
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Neutron emission for (n,2n)



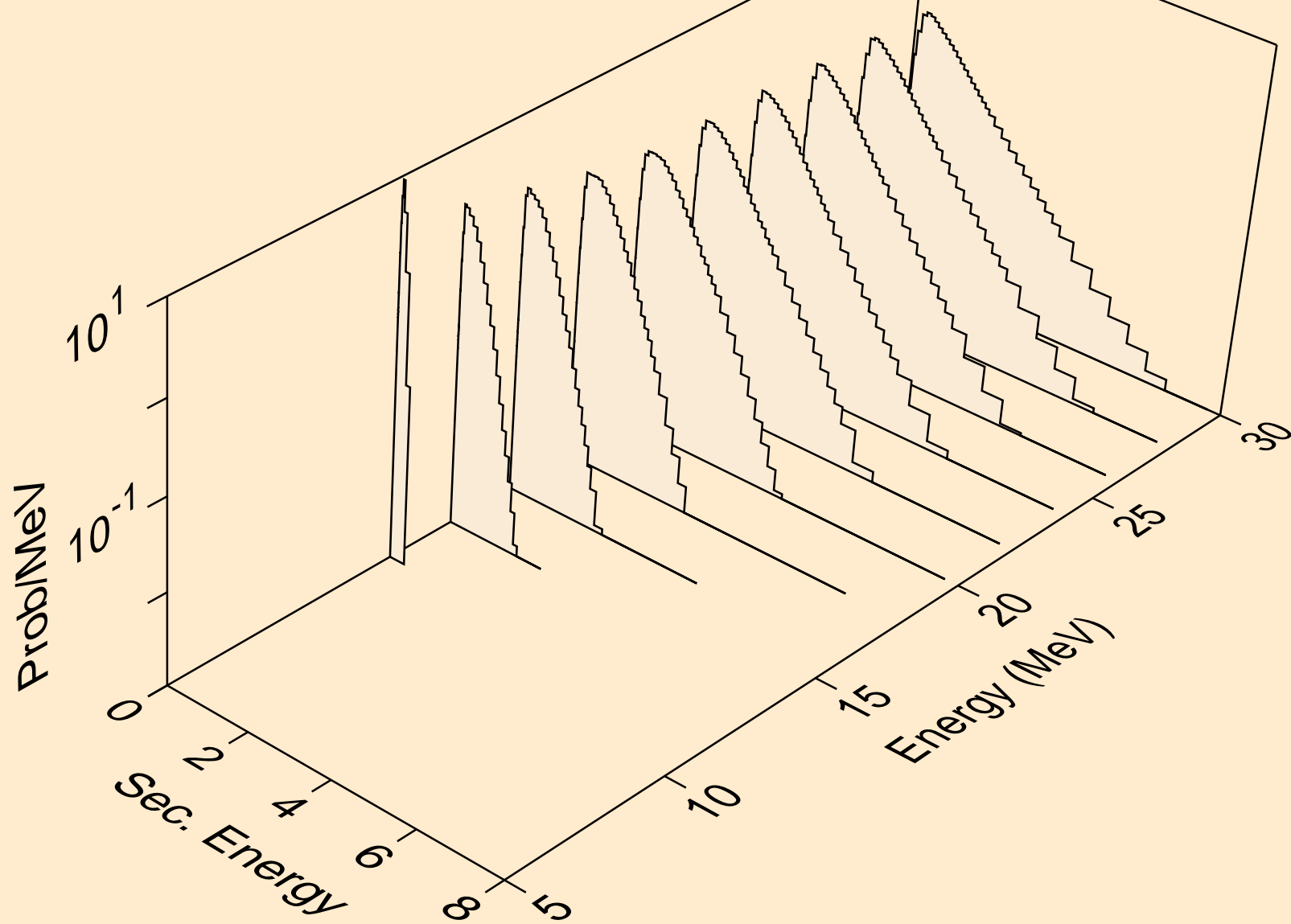
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Neutron emission for (n,3n)



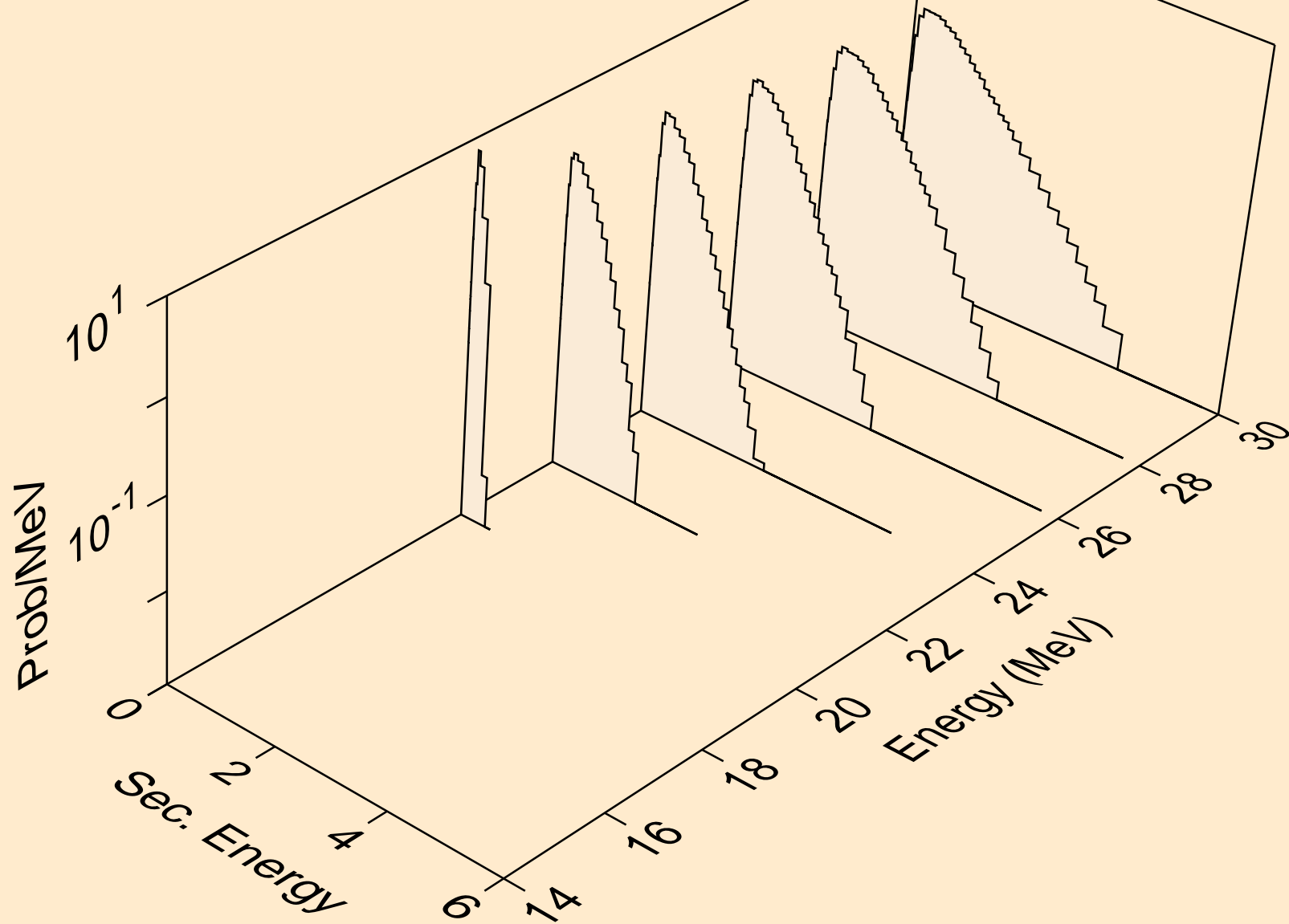
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Neutron emission for (n,n\*)a



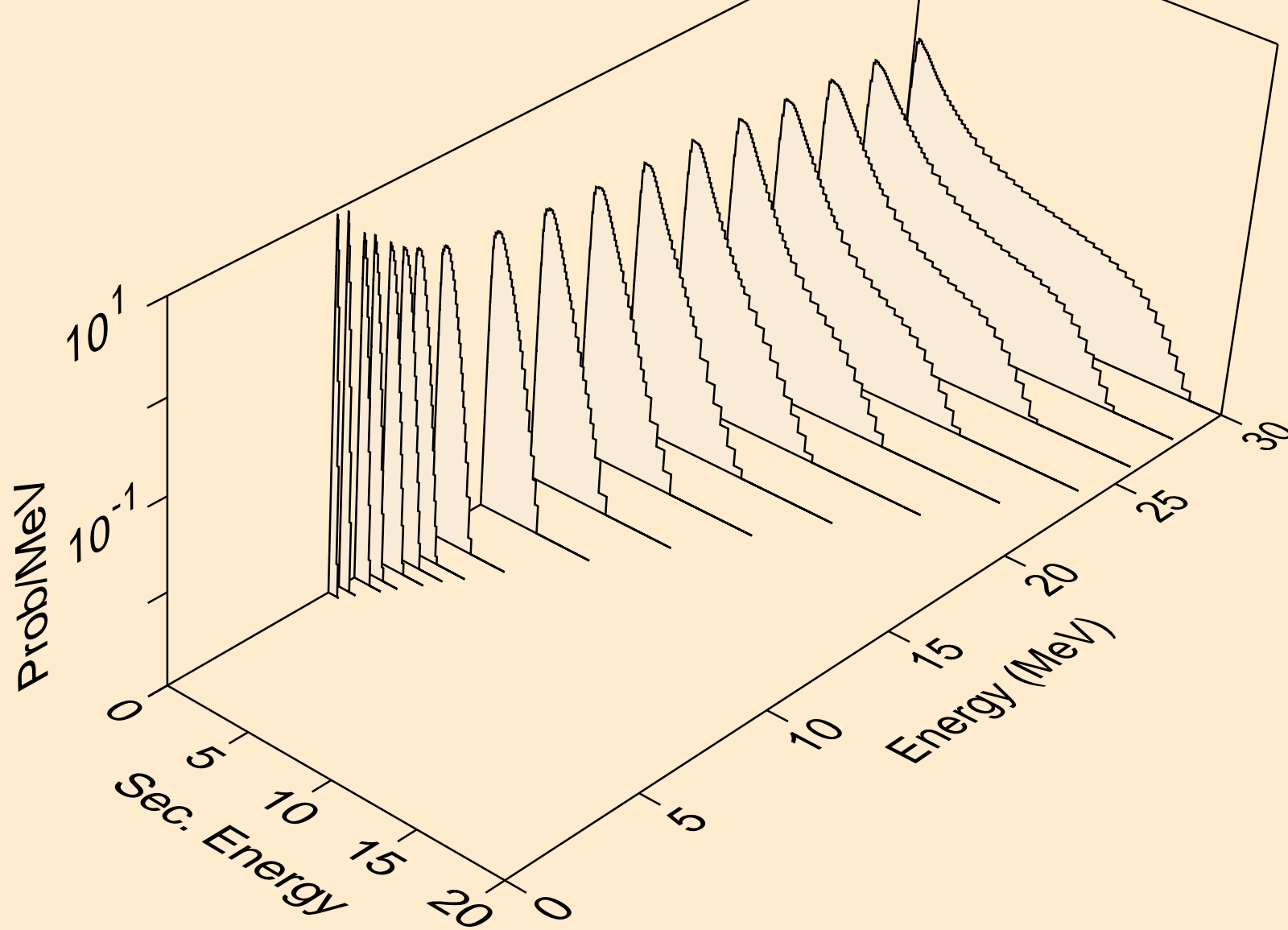
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Neutron emission for (n,2n)a



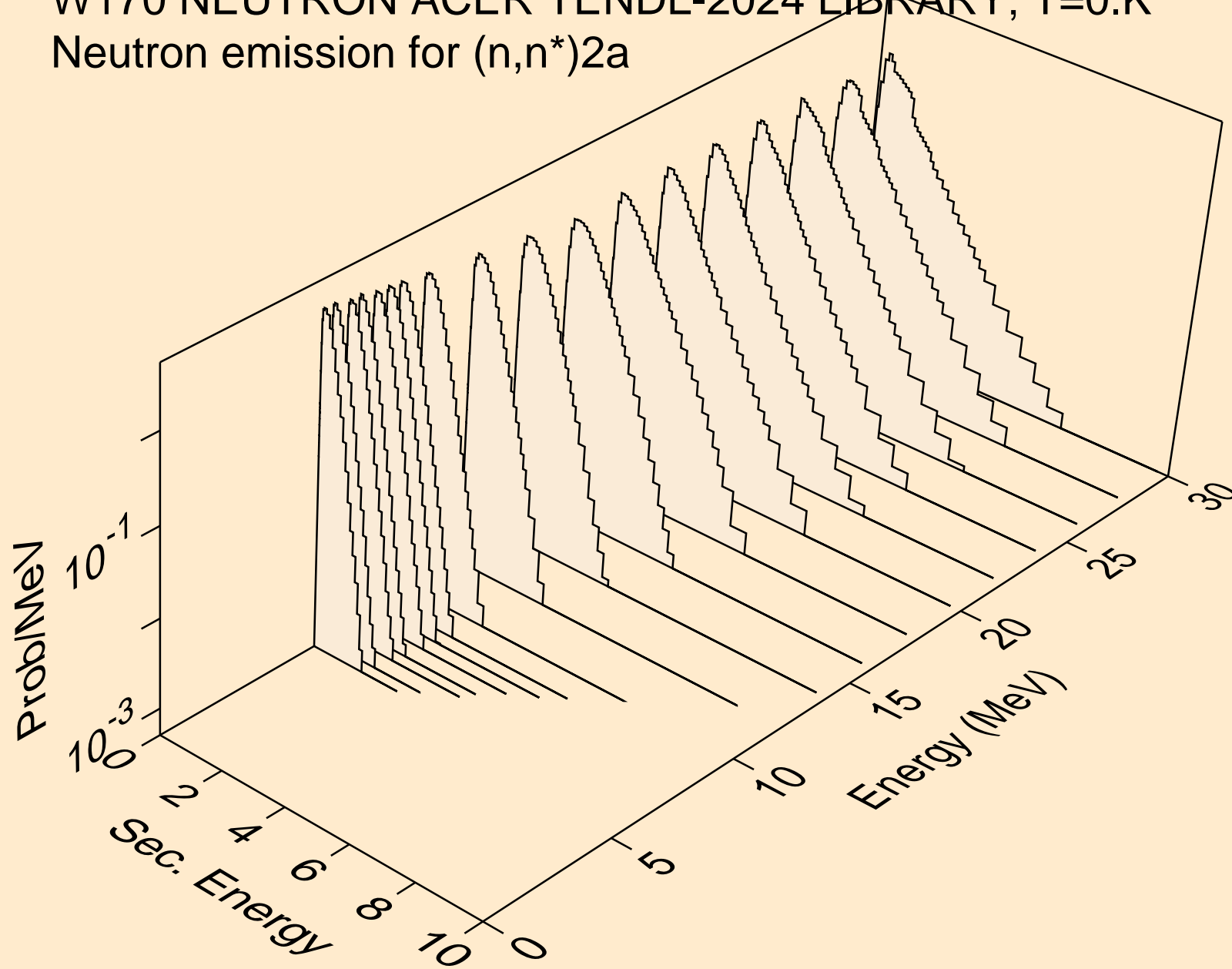
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Neutron emission for (n,3n)a



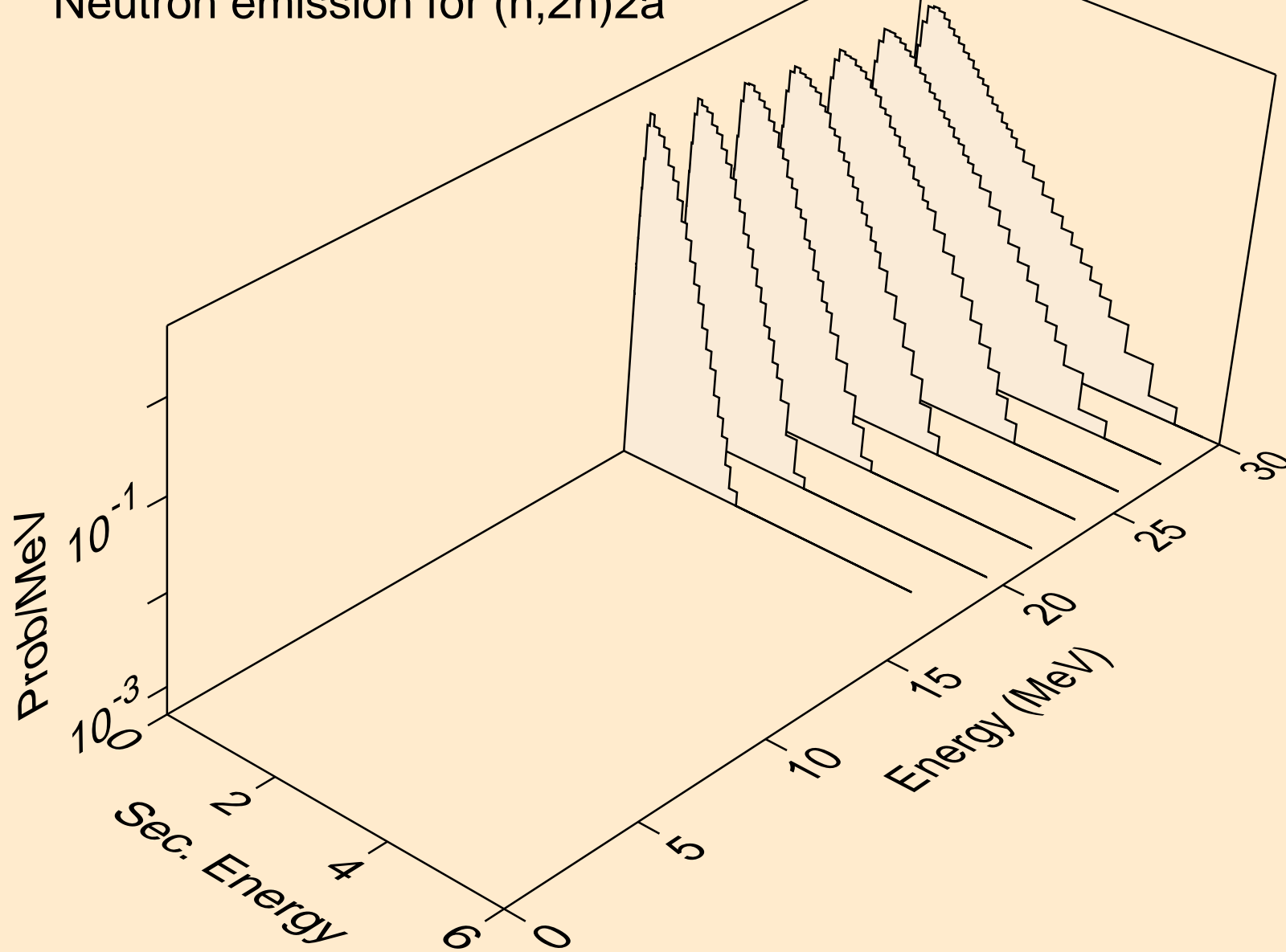
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Neutron emission for (n,n\*)p



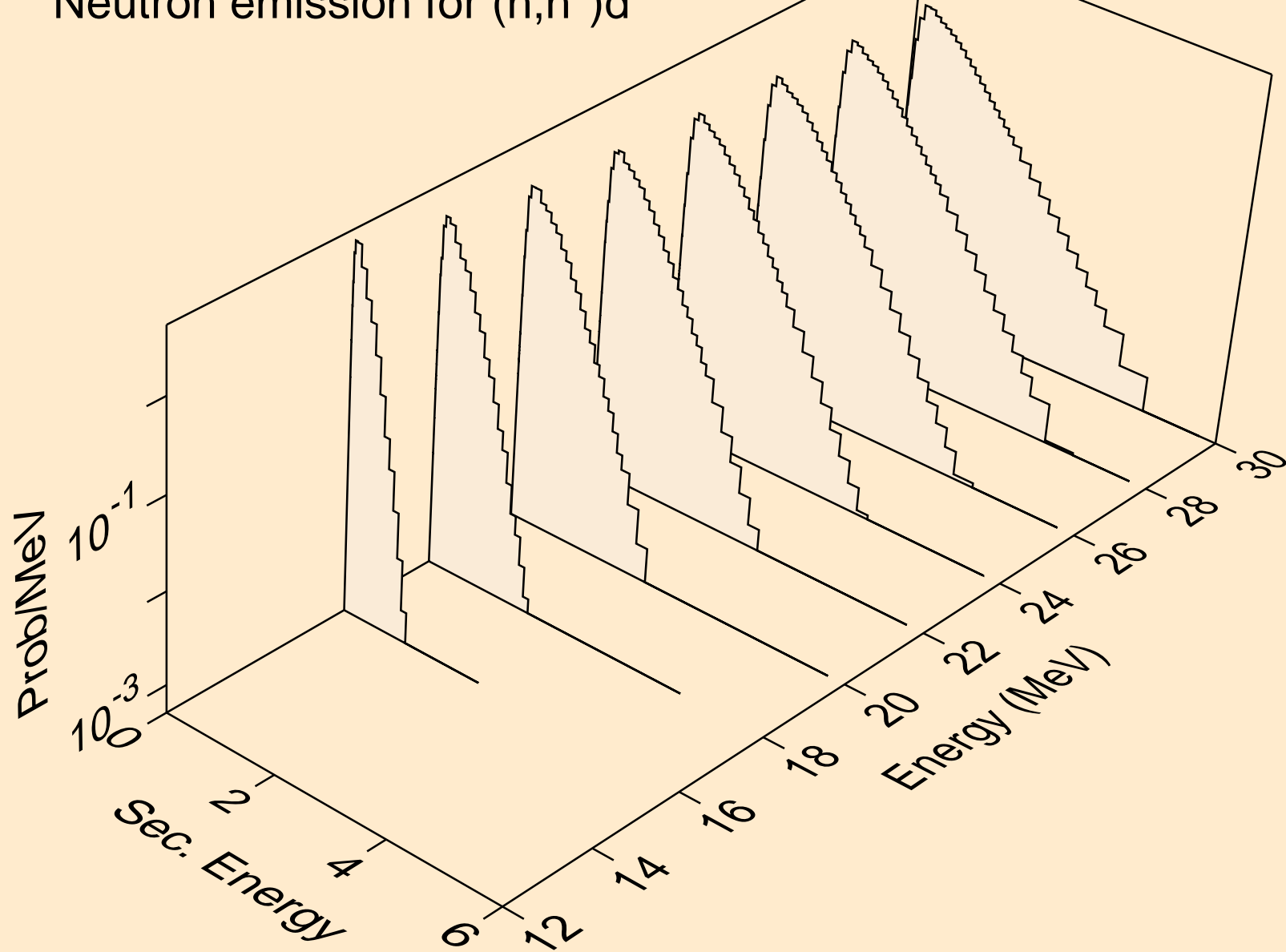
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Neutron emission for (n,n\*)2a



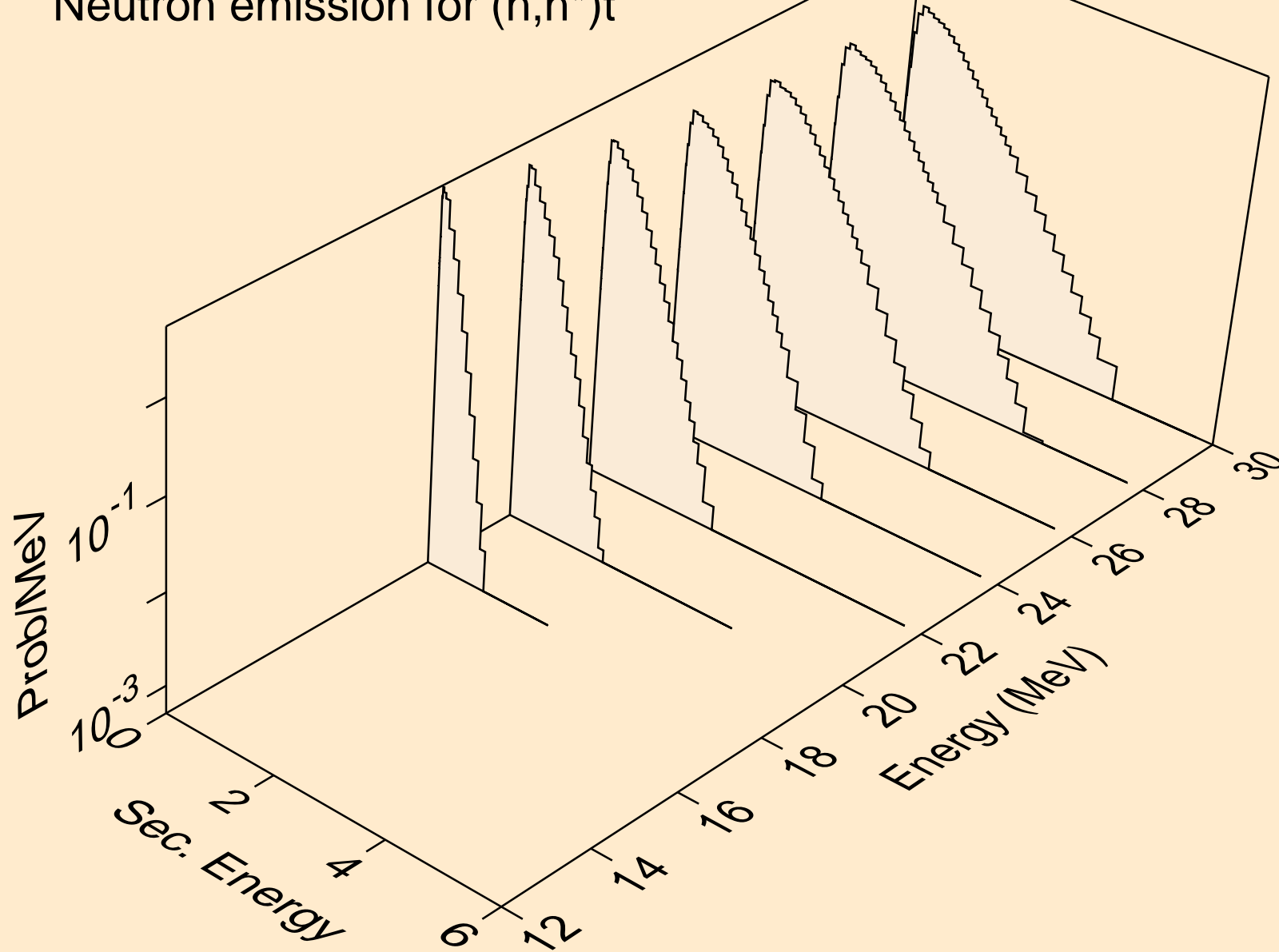
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Neutron emission for (n,2n)2a



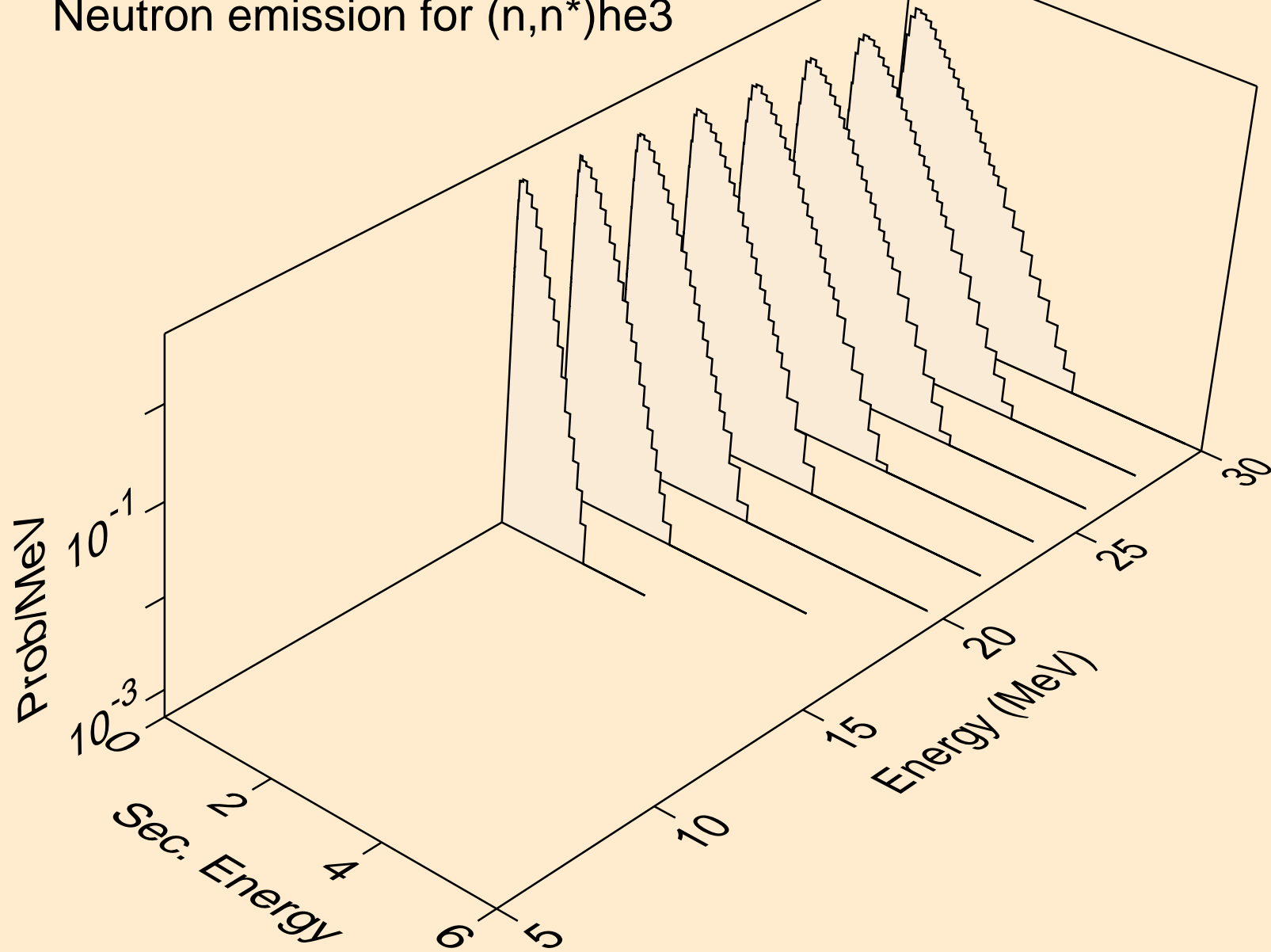
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Neutron emission for (n,n\*)d



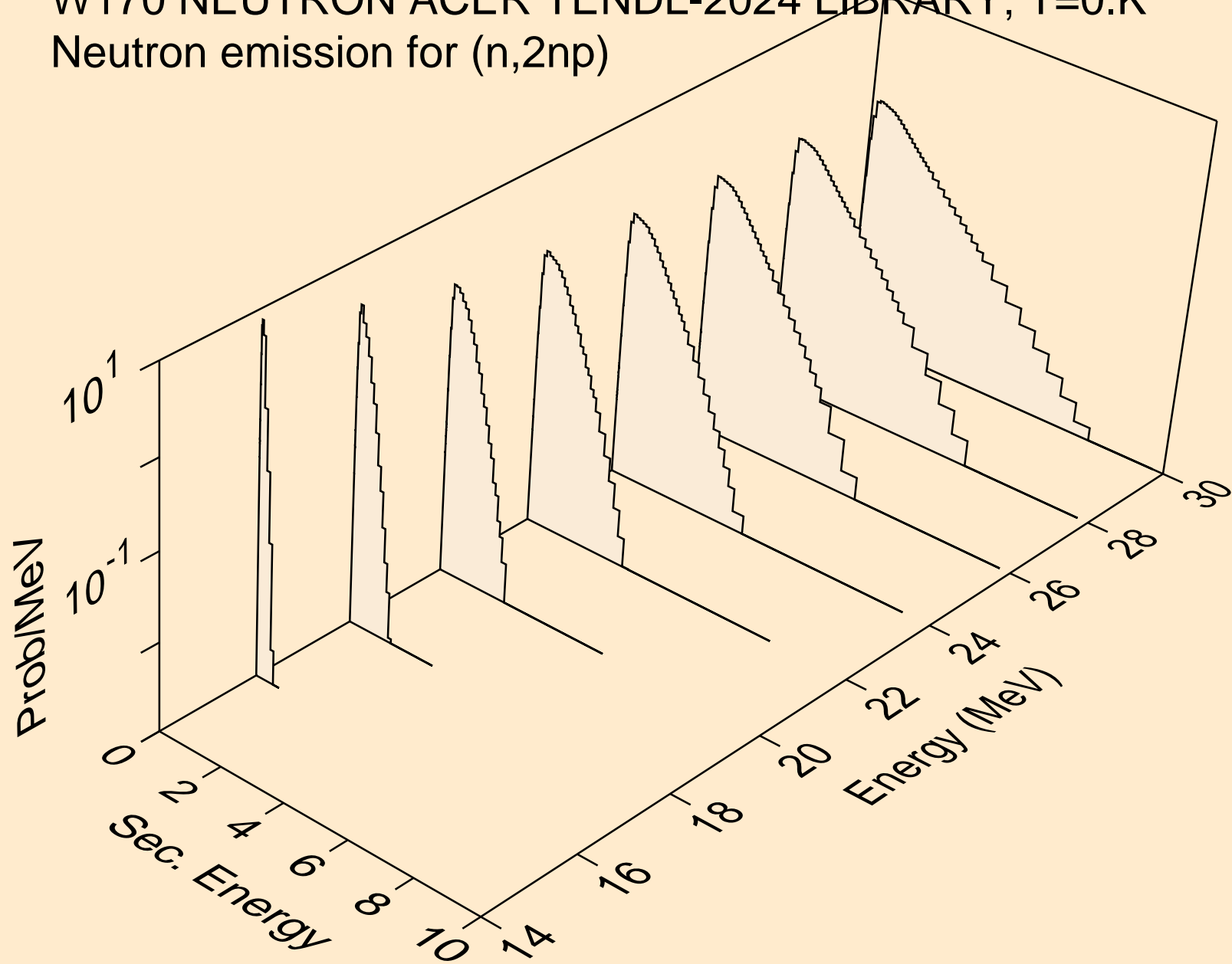
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Neutron emission for (n,n\*)t



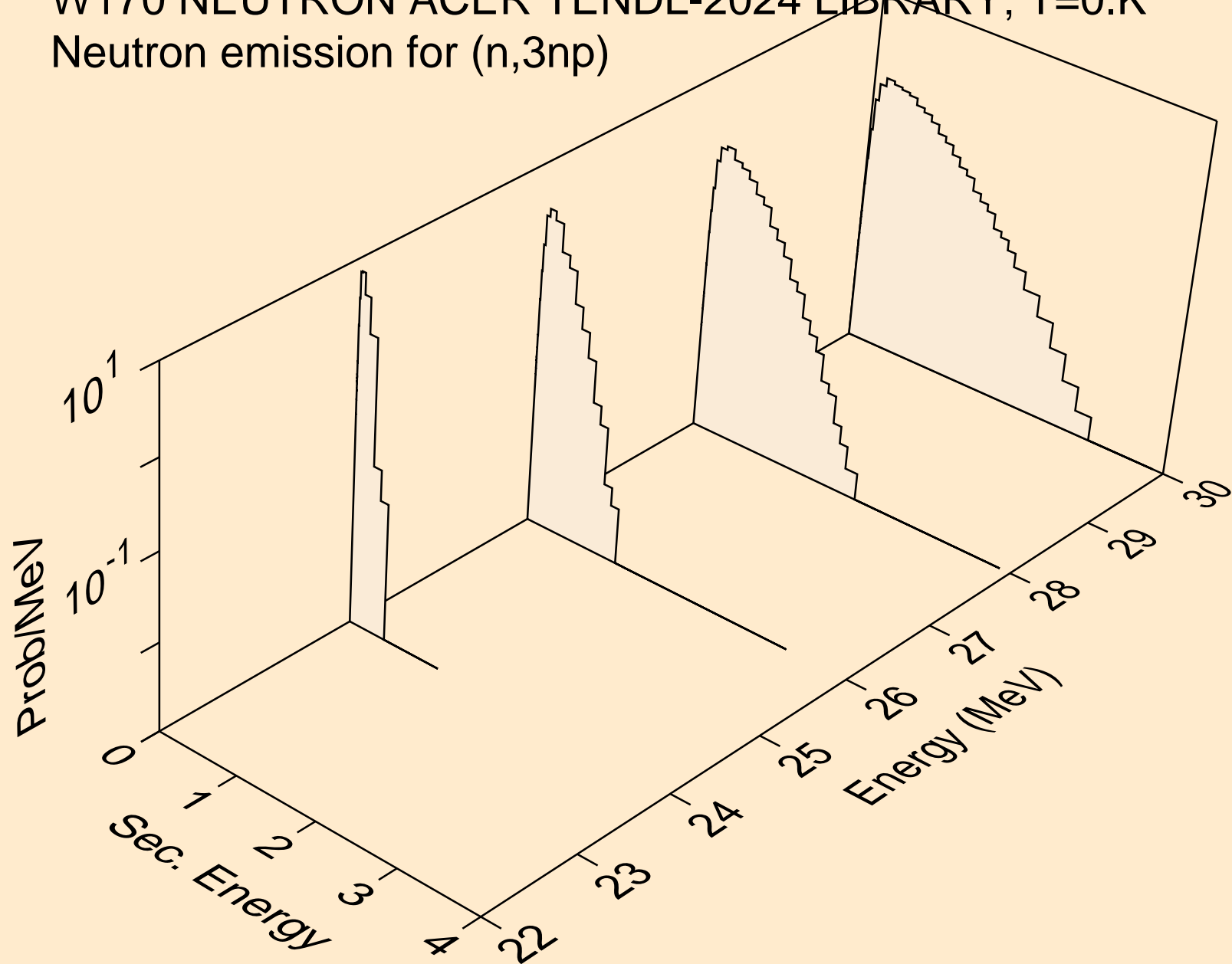
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Neutron emission for (n,n\*)he3



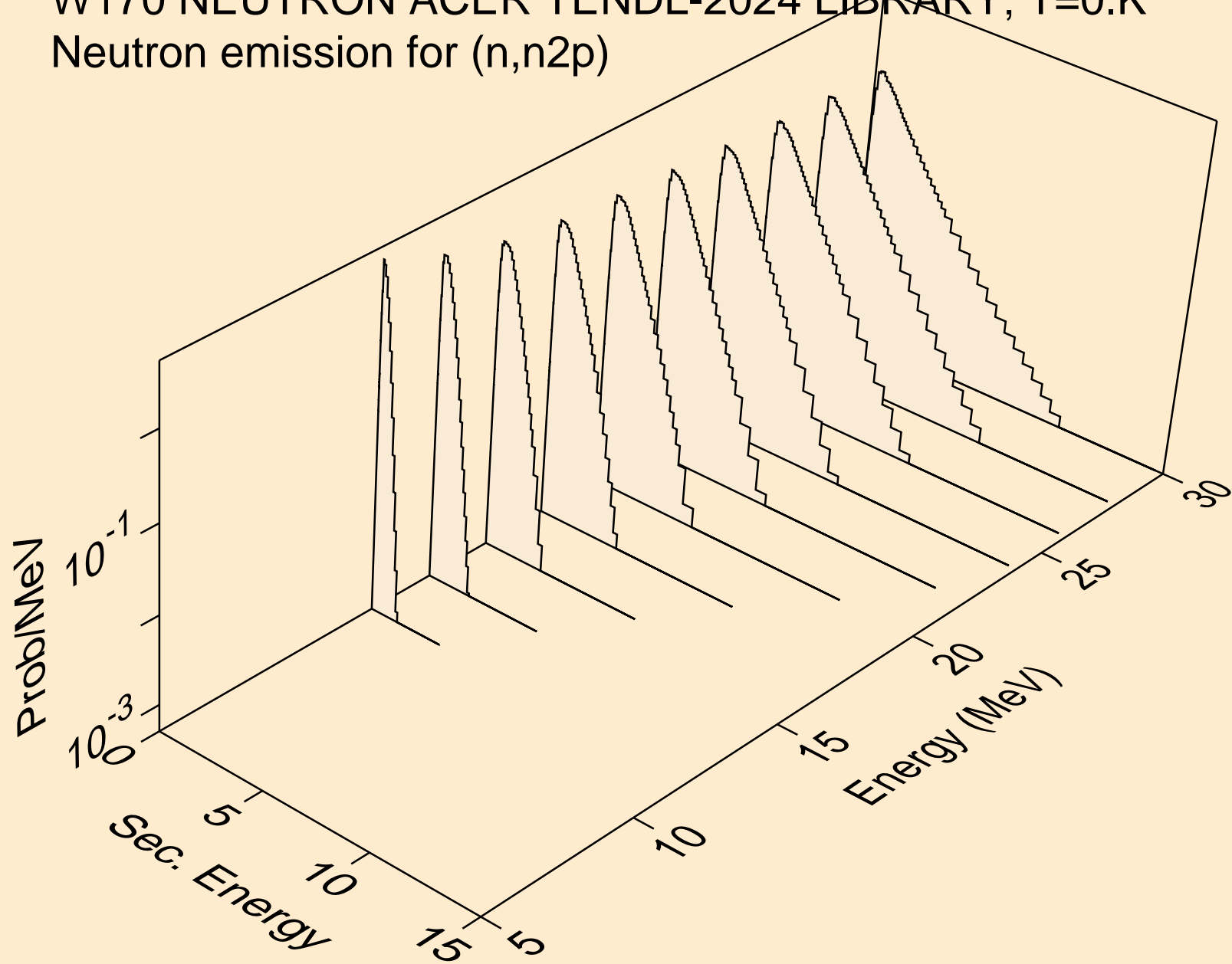
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Neutron emission for (n,2np)



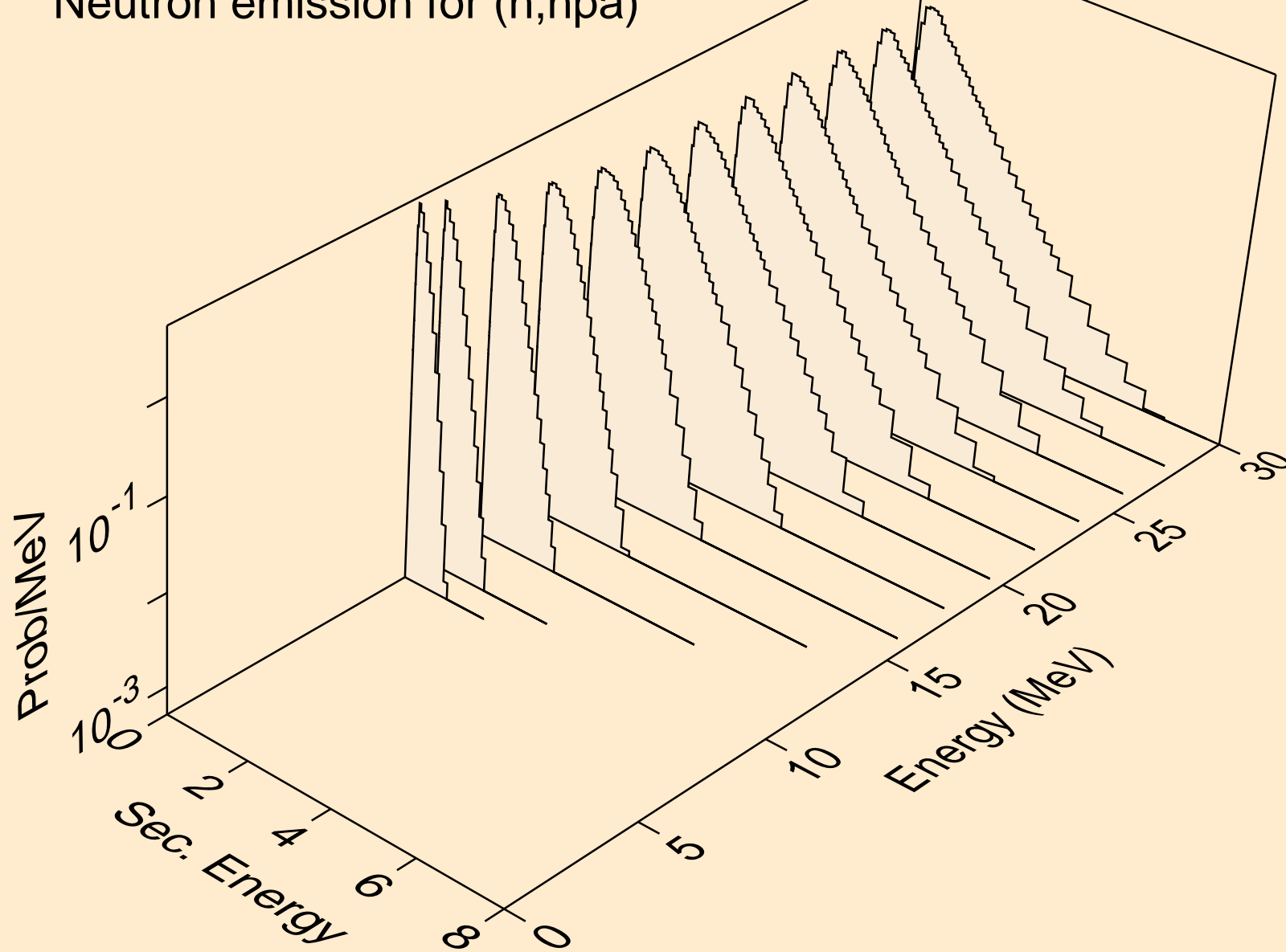
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Neutron emission for (n,3np)



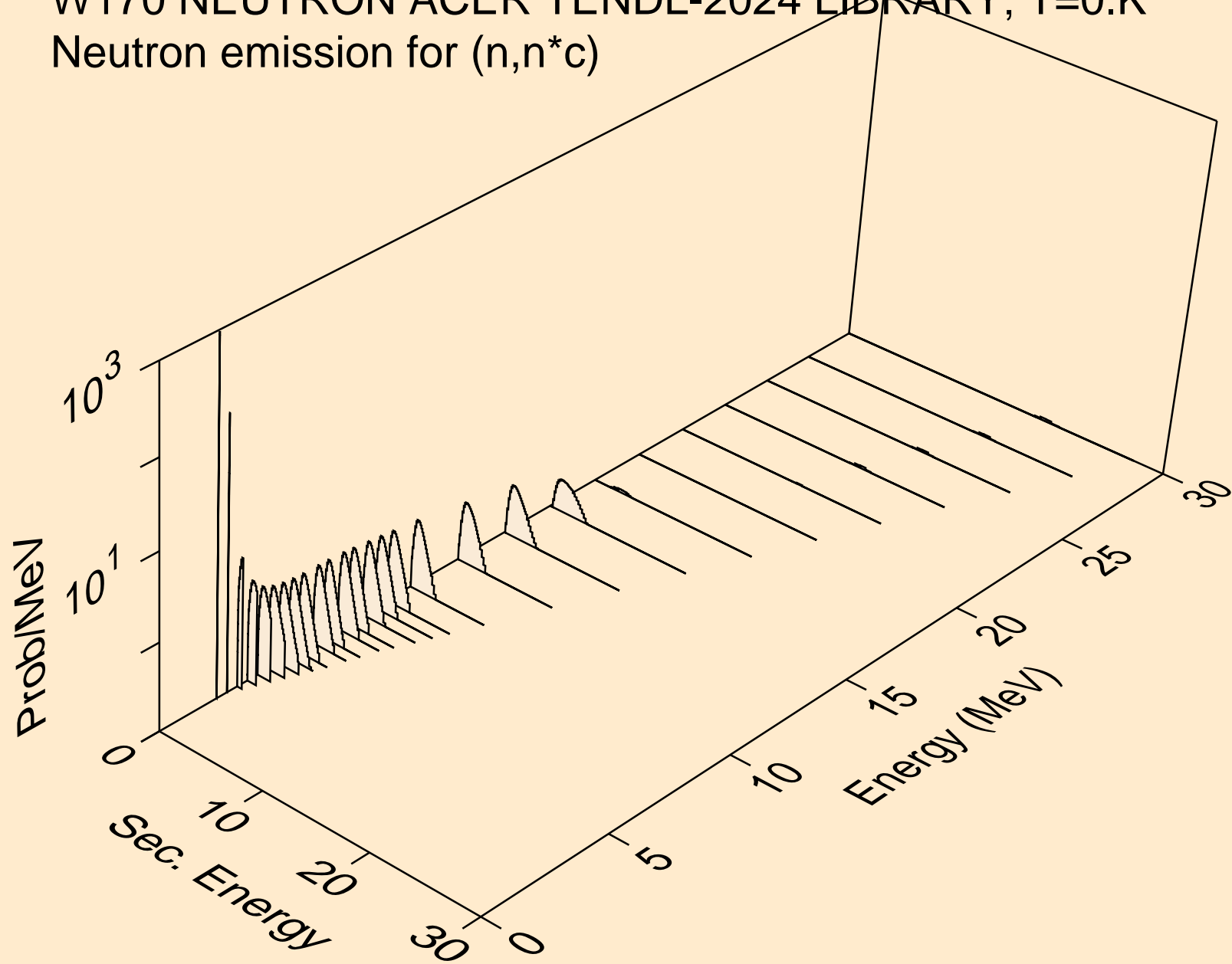
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Neutron emission for (n,n2p)



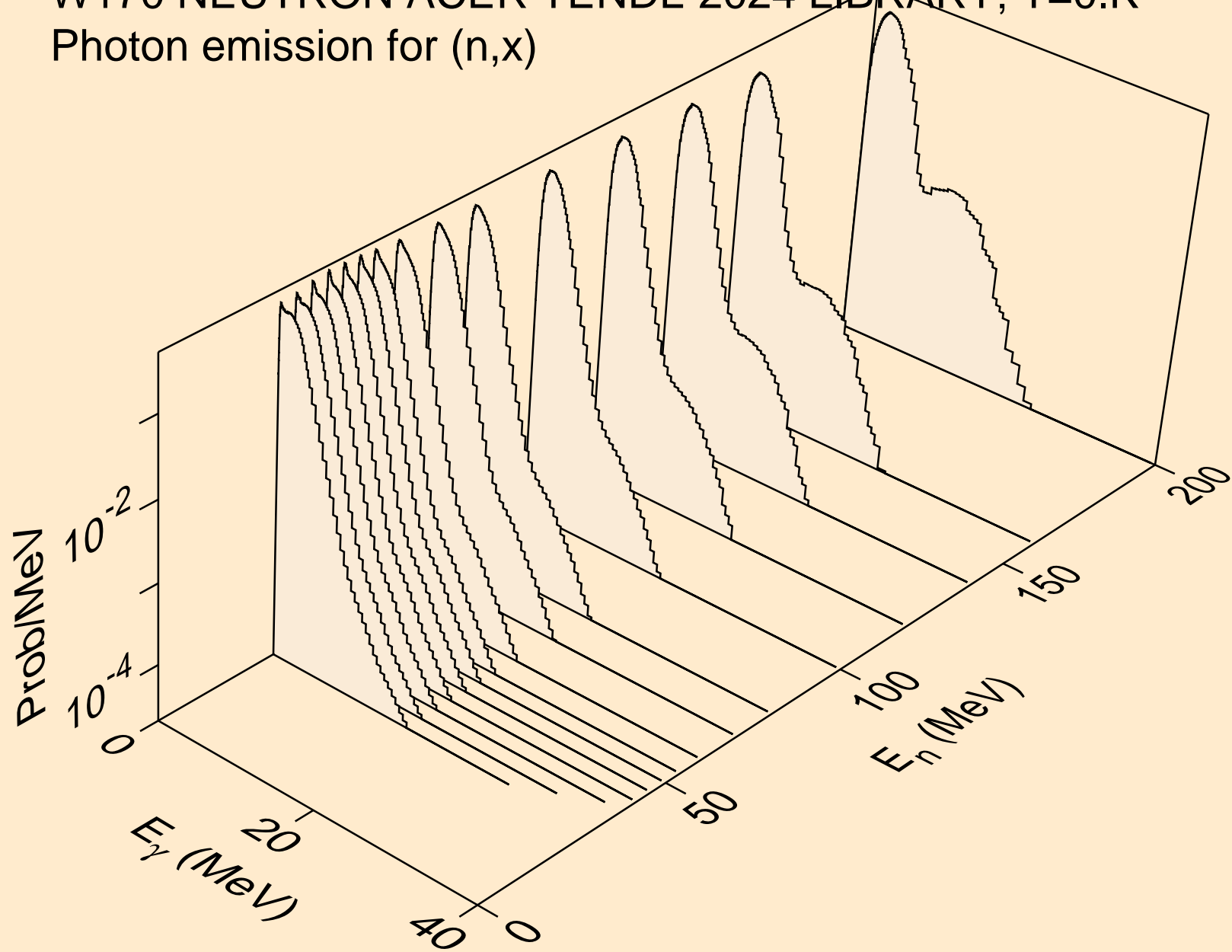
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



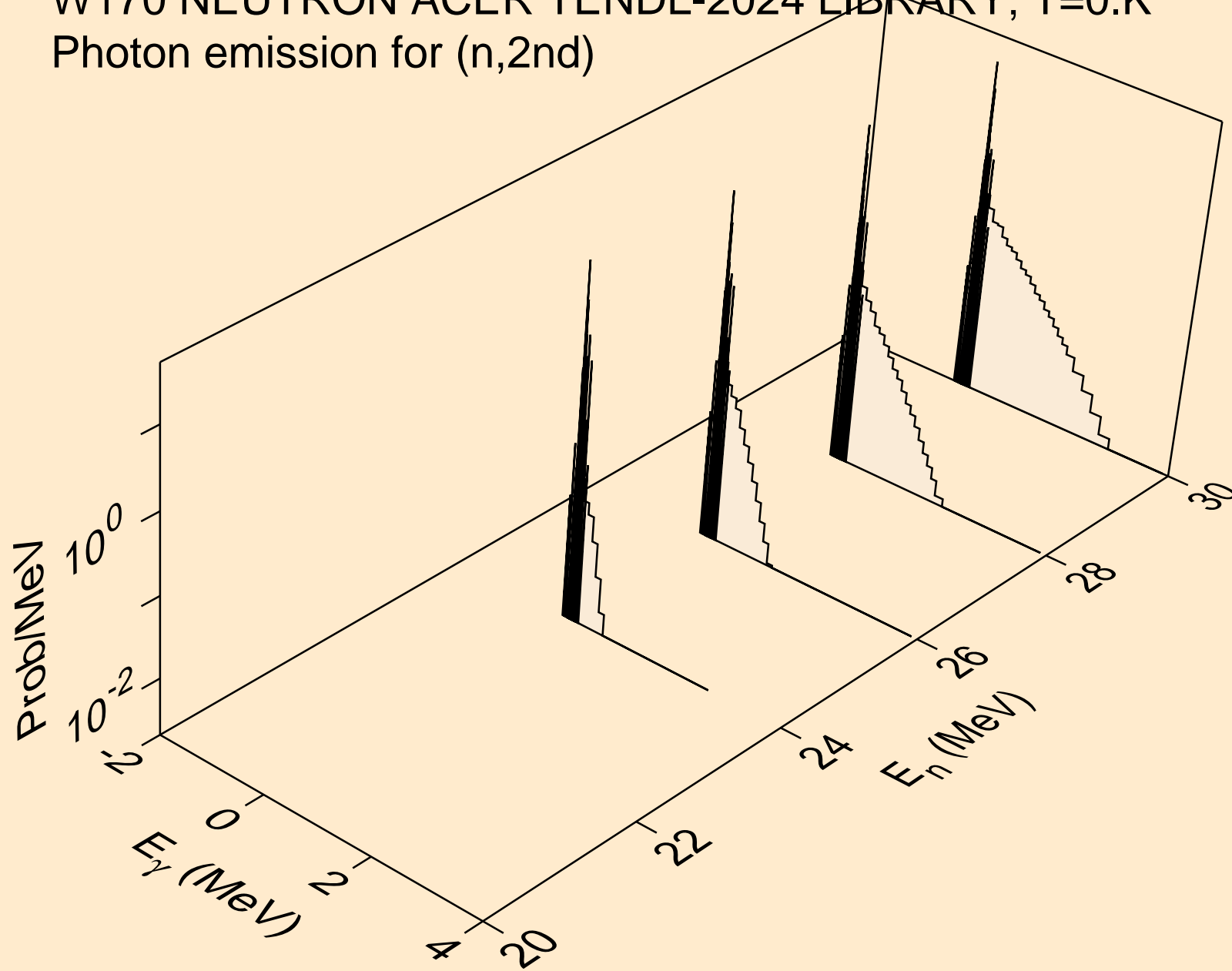
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Neutron emission for (n,n\*c)



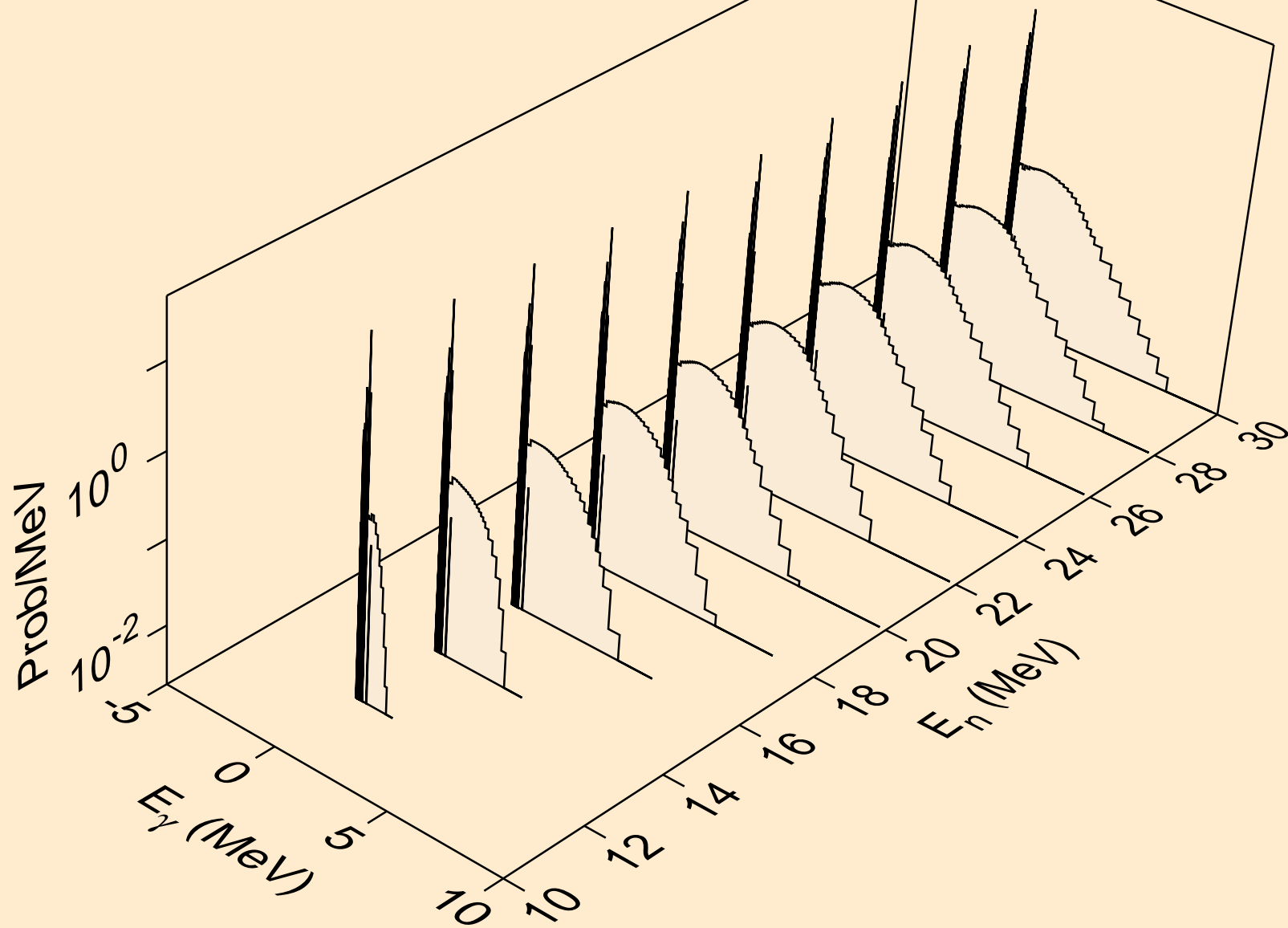
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



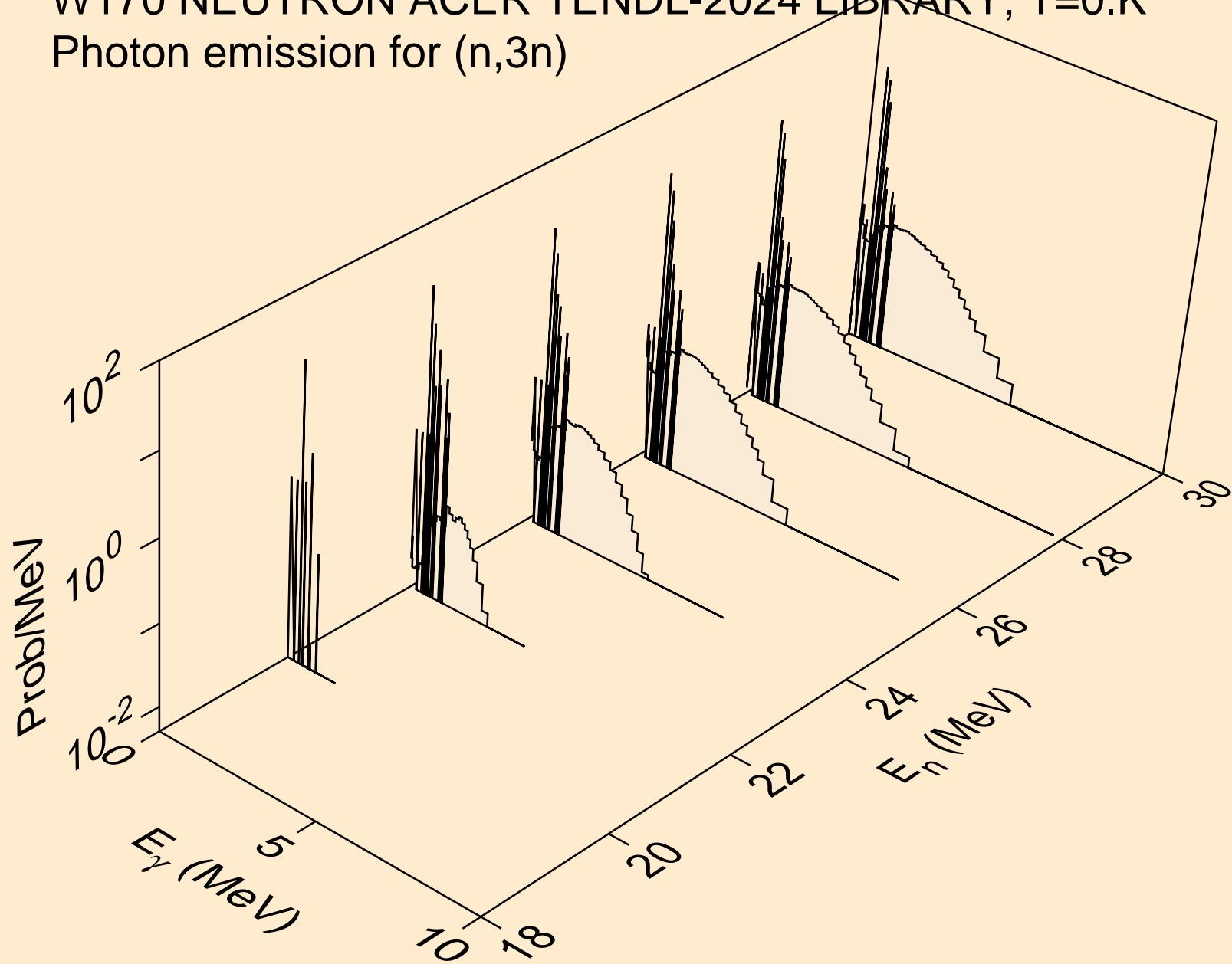
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



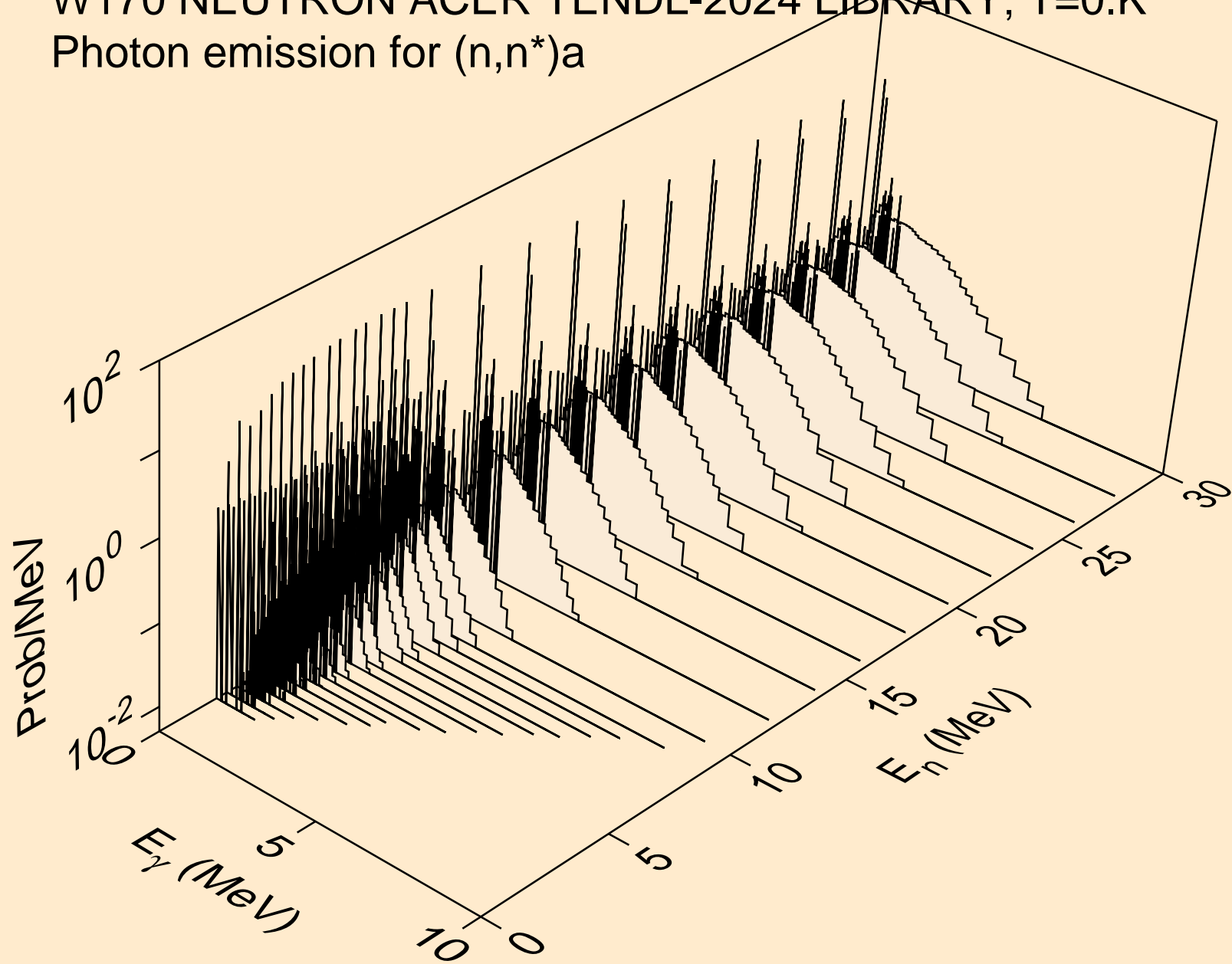
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



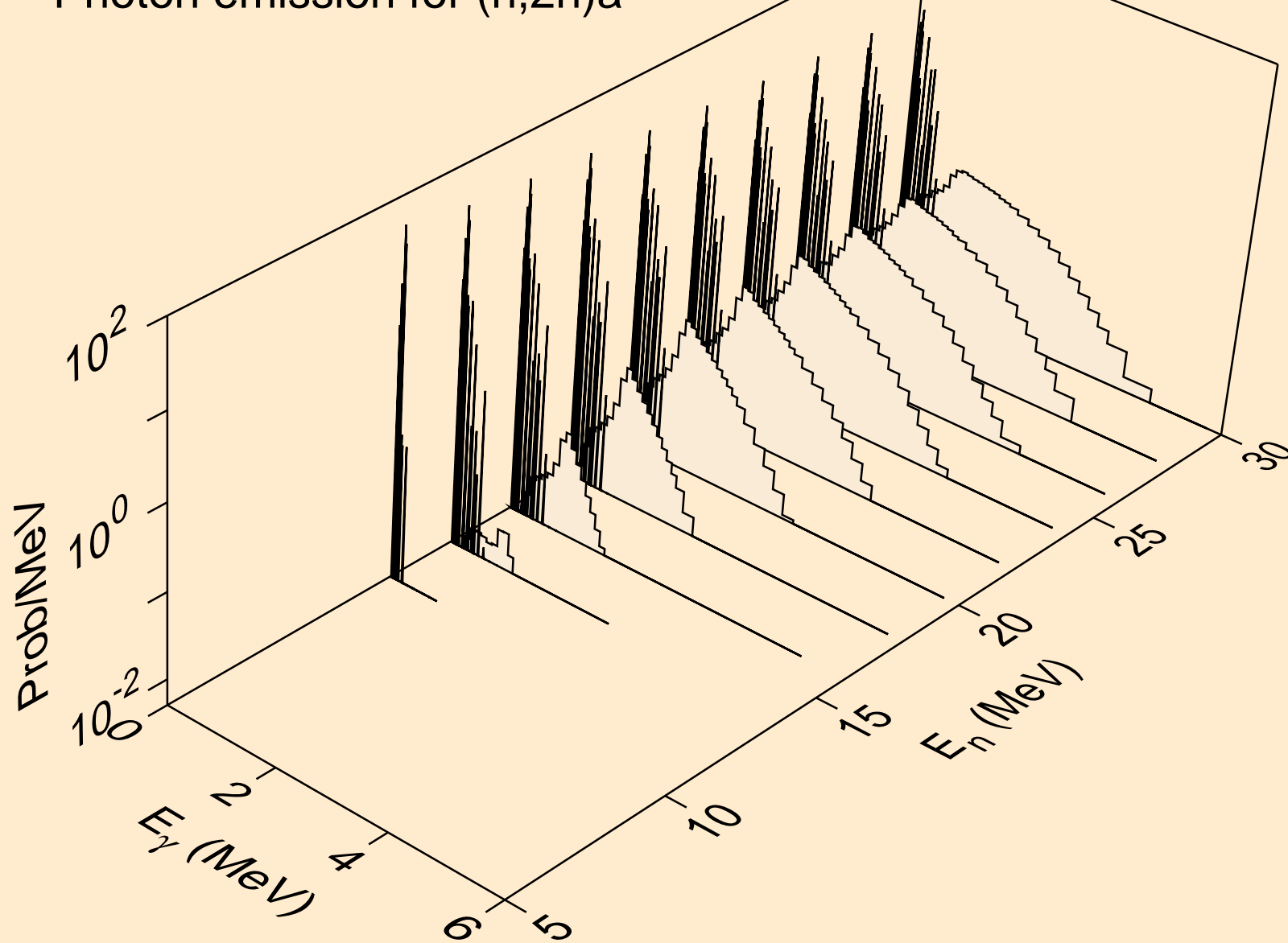
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



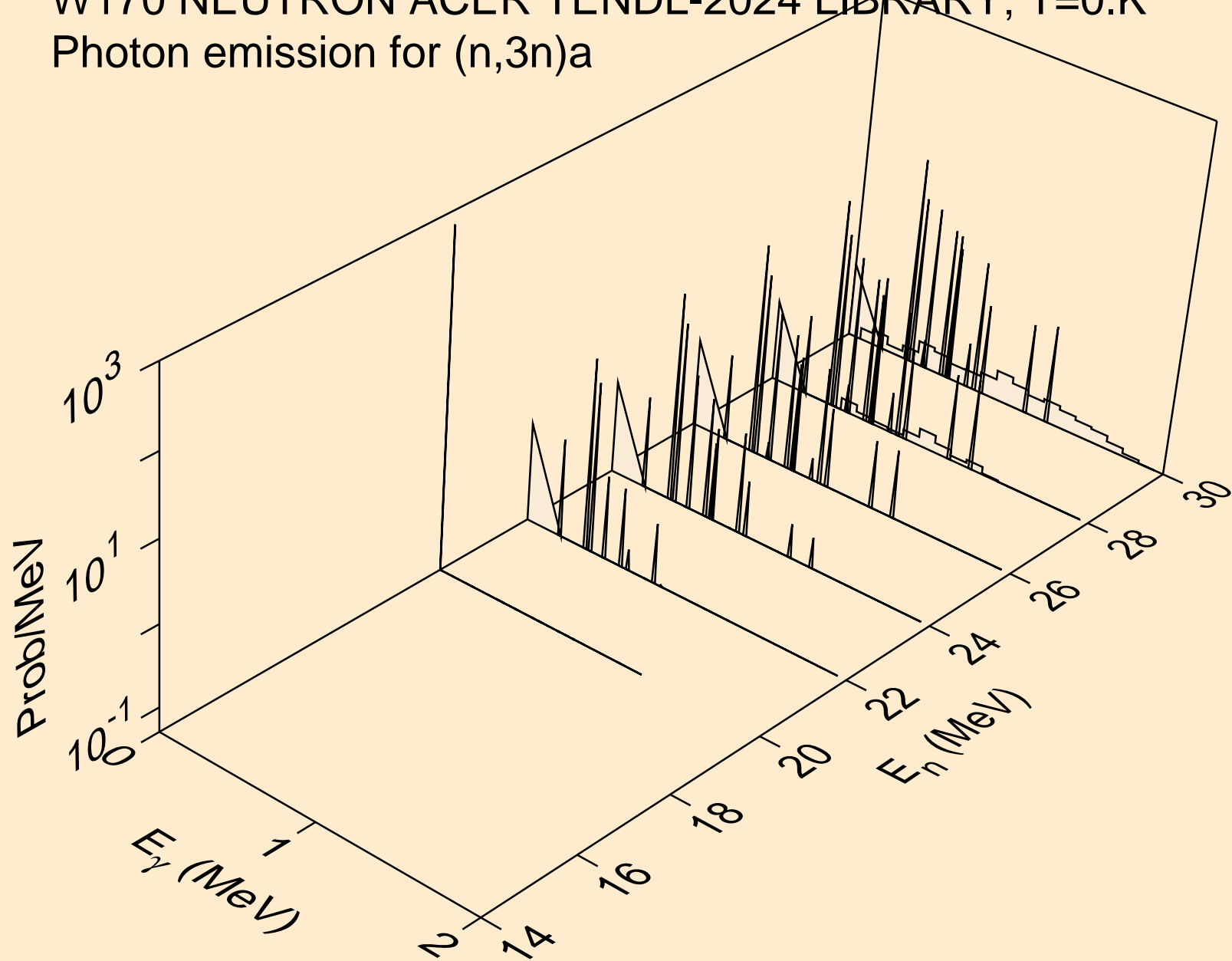
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



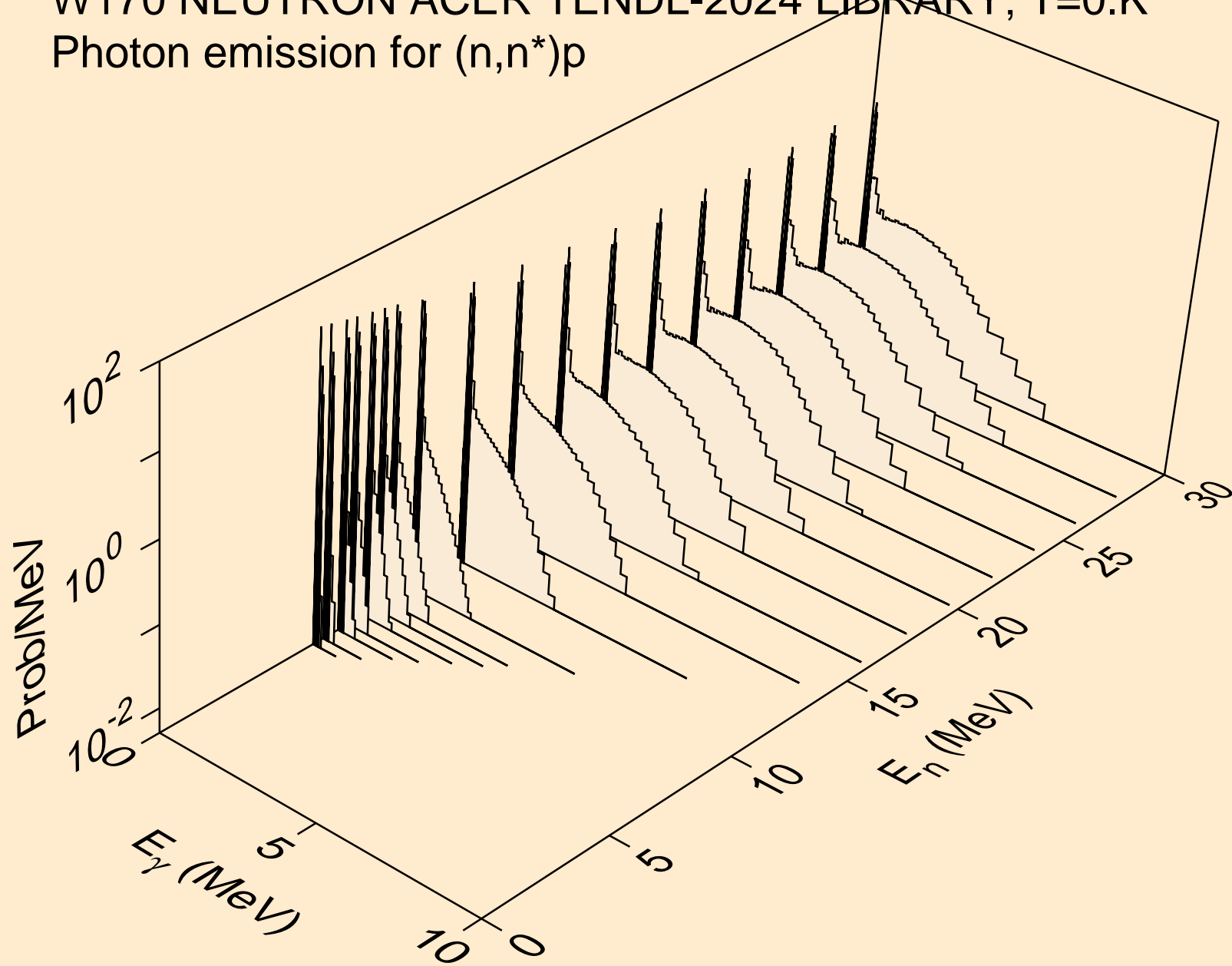
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



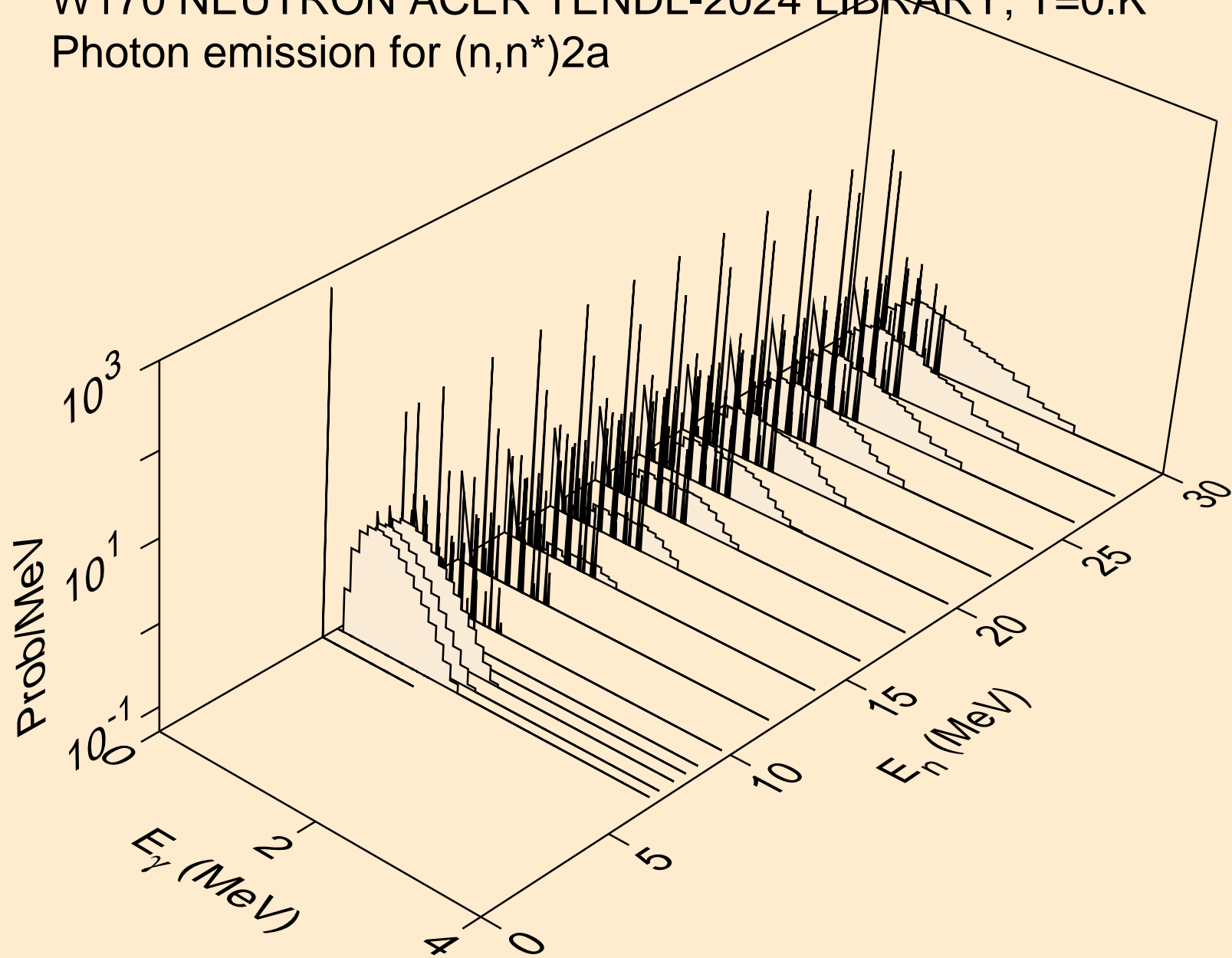
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



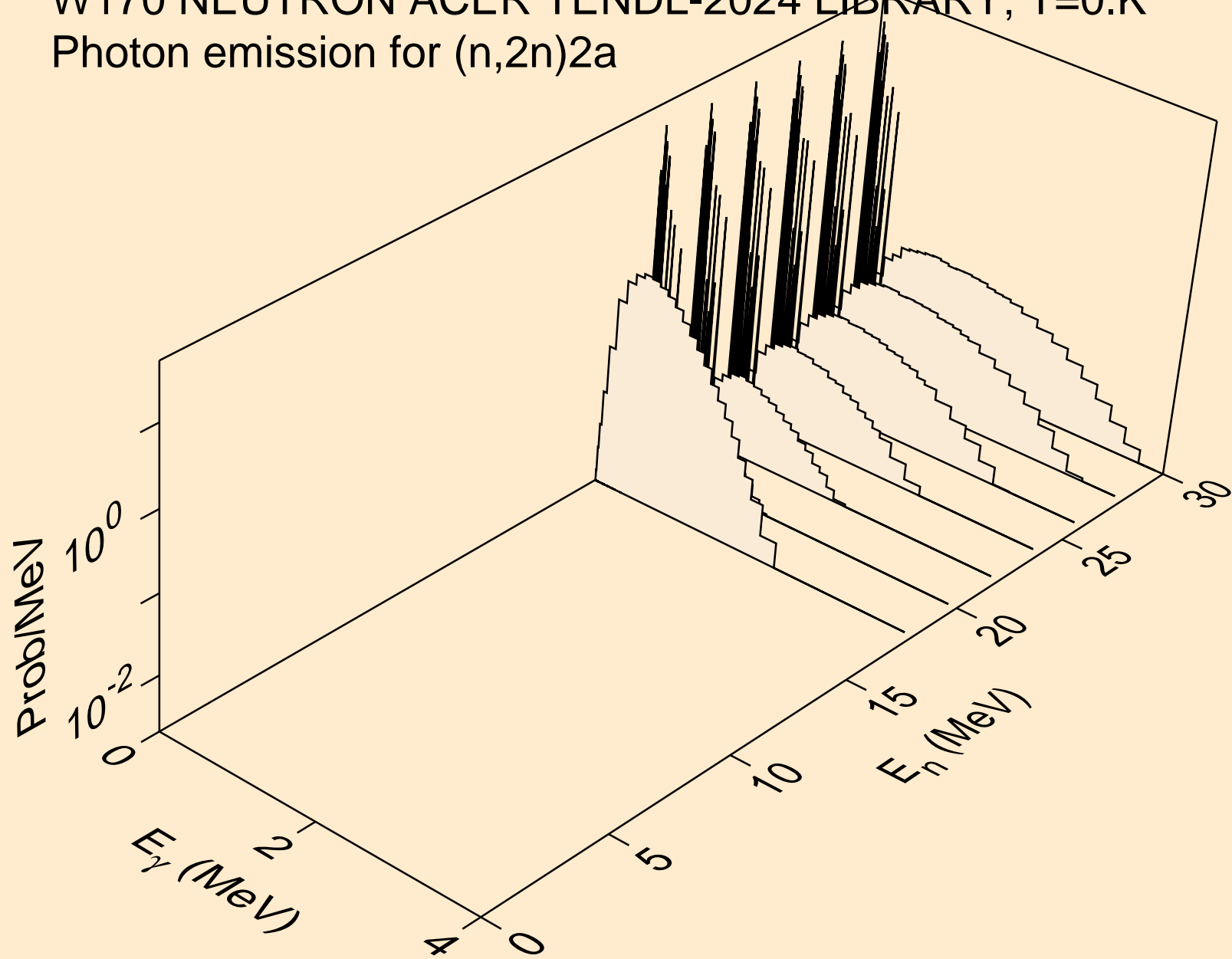
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



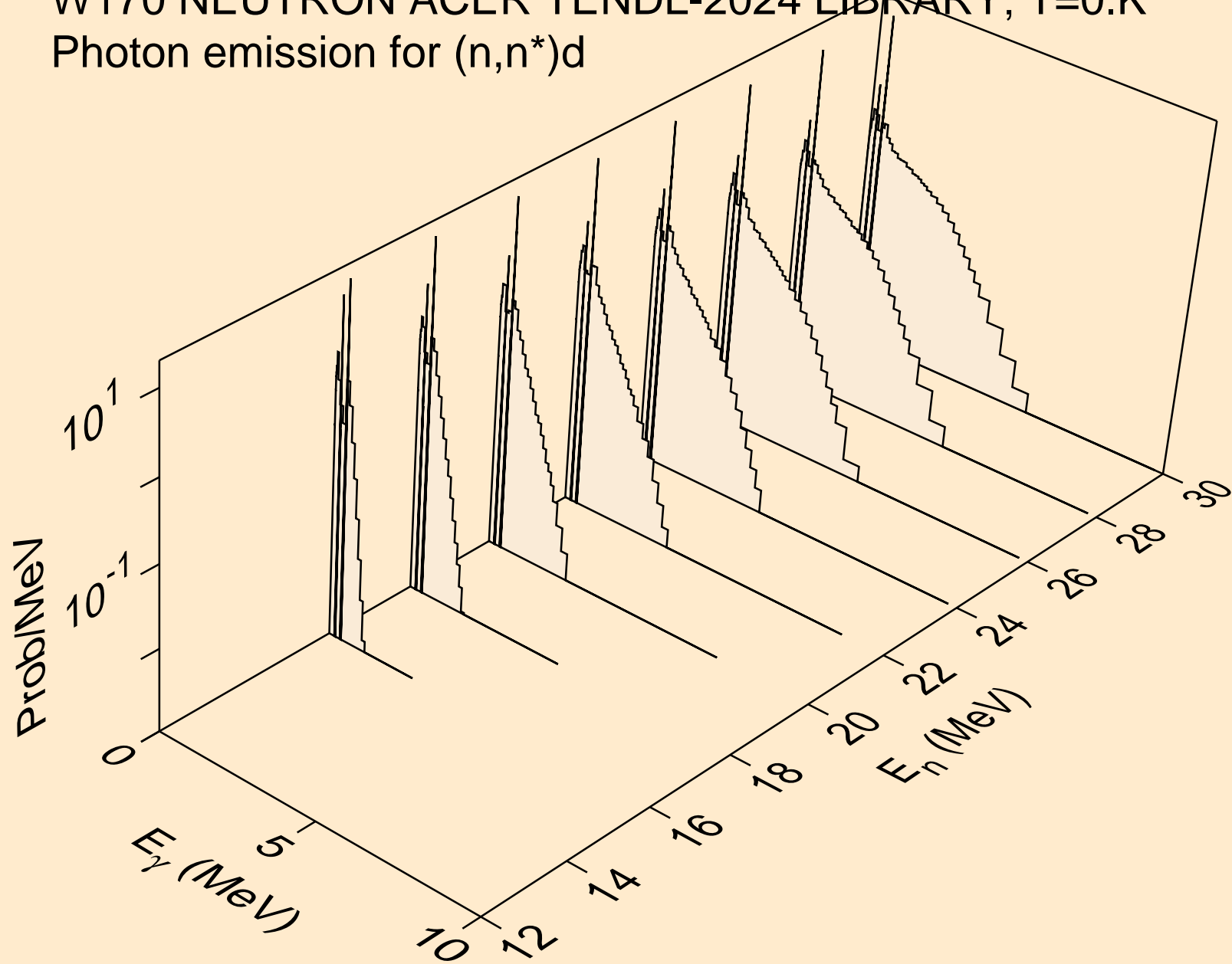
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



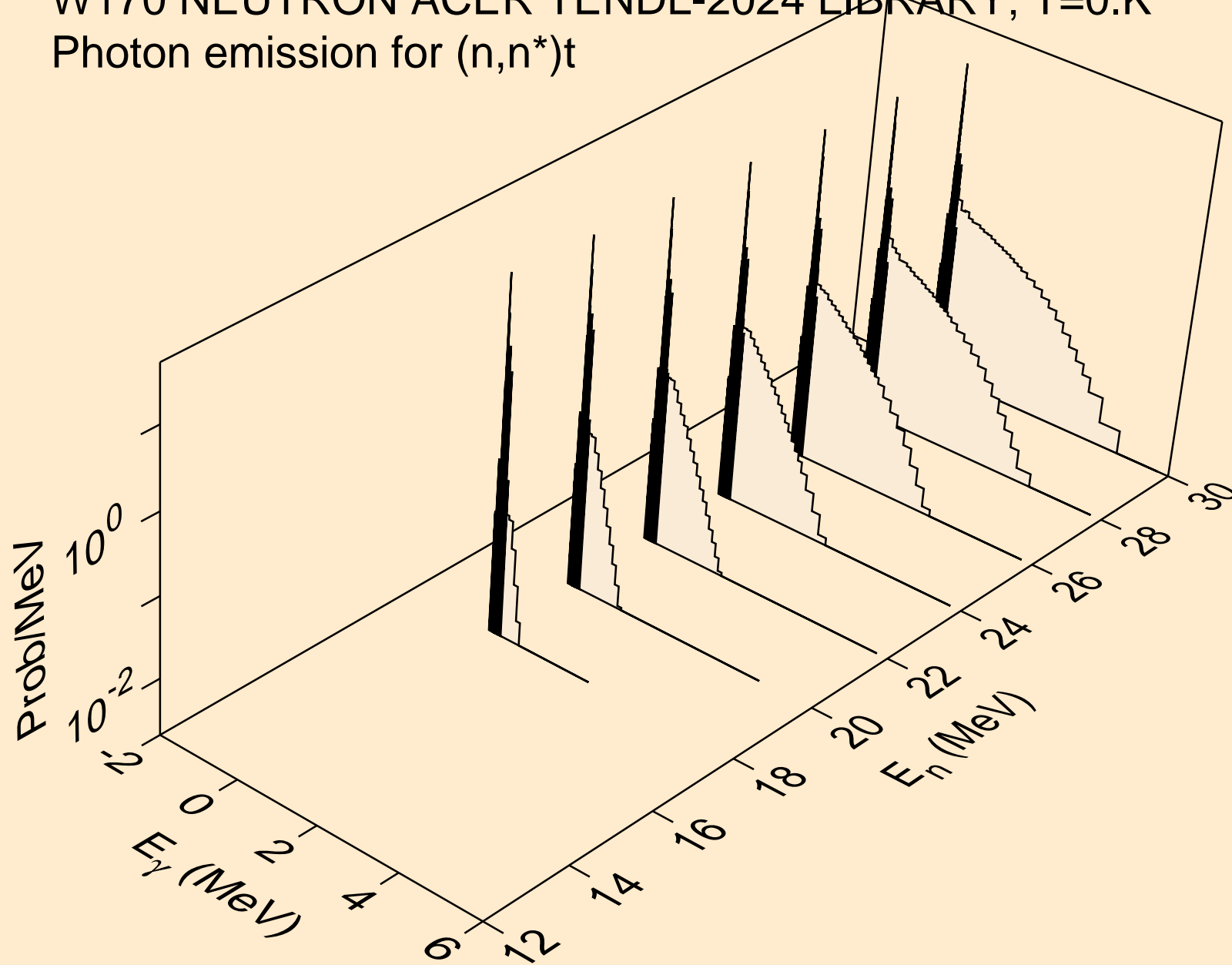
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



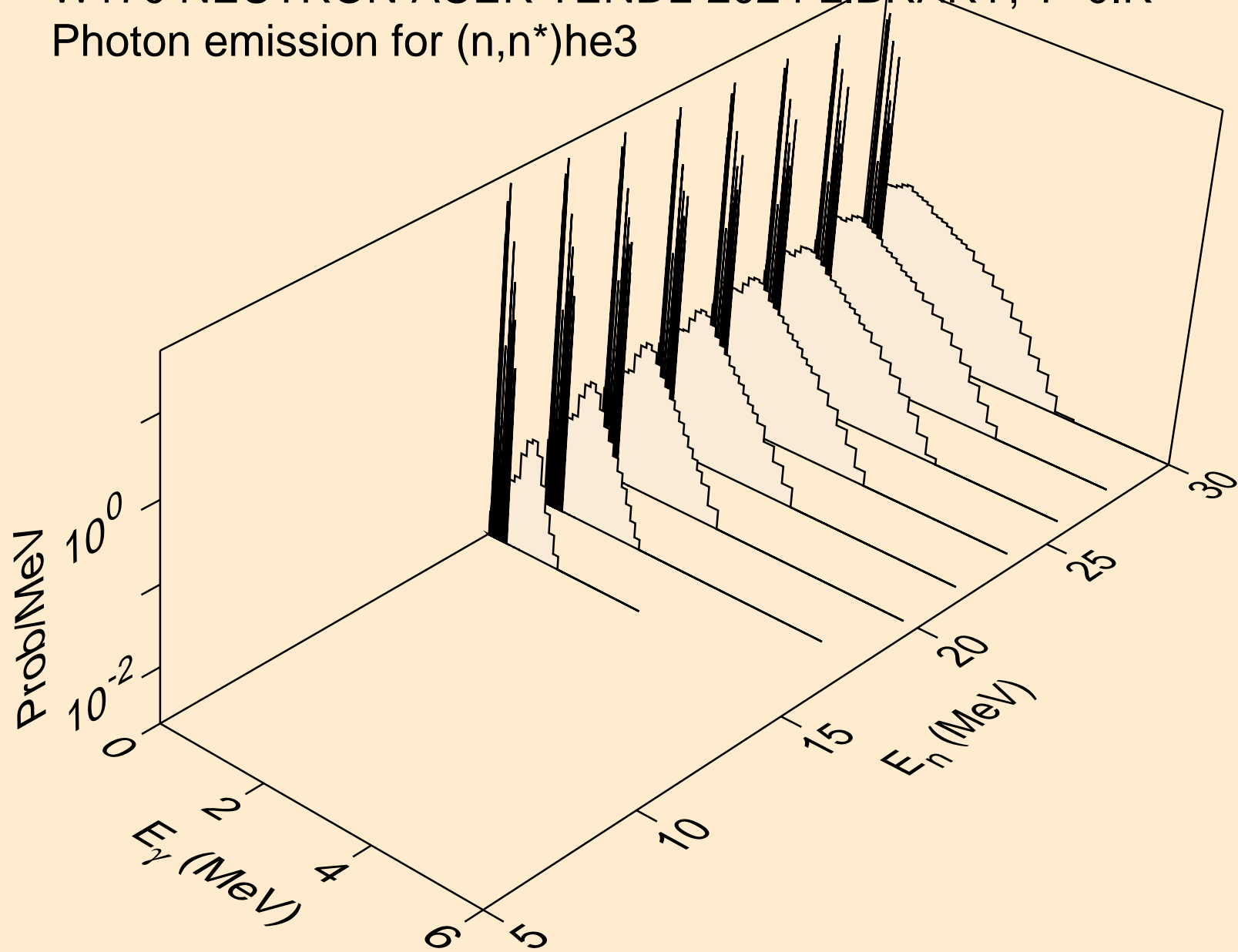
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



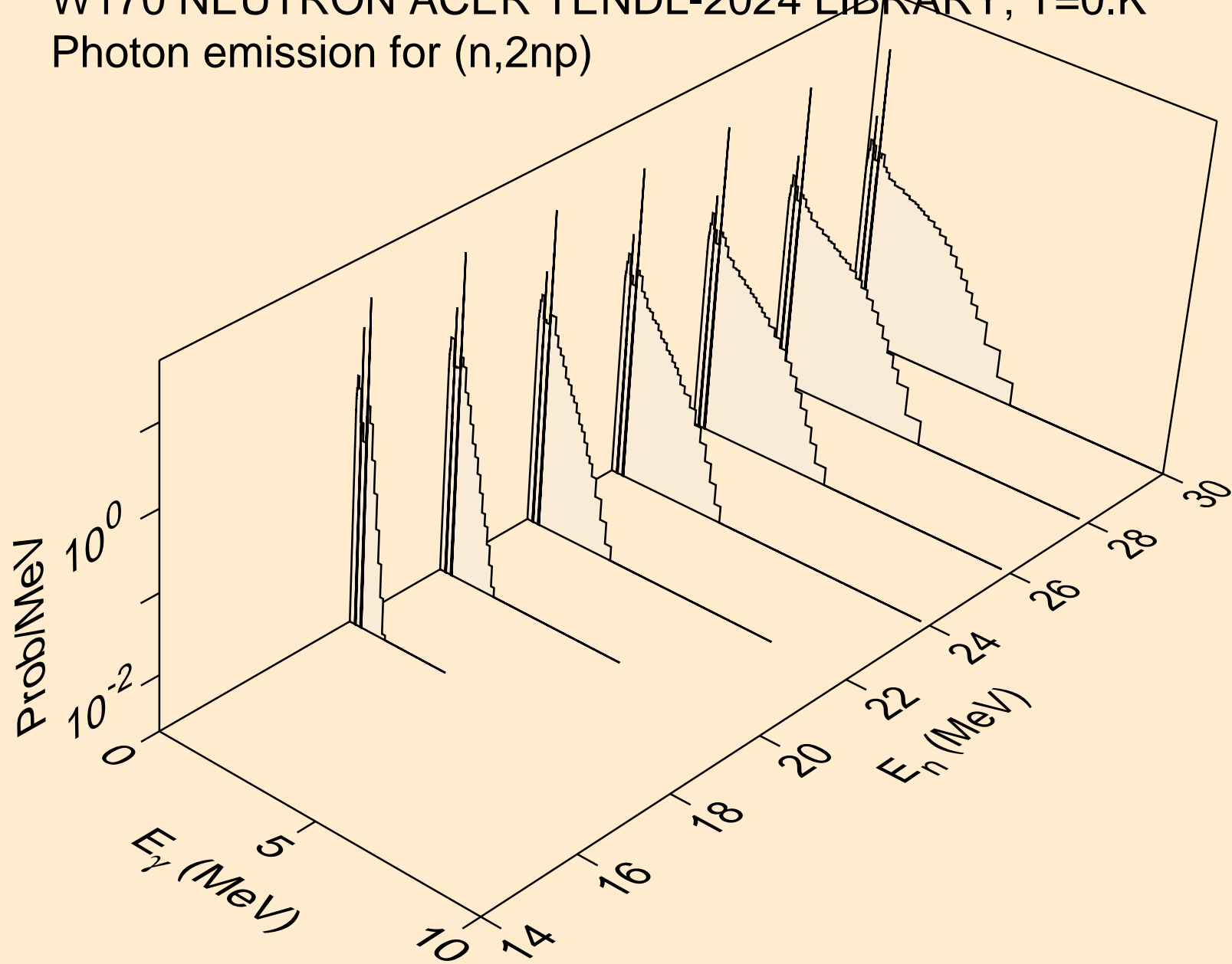
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



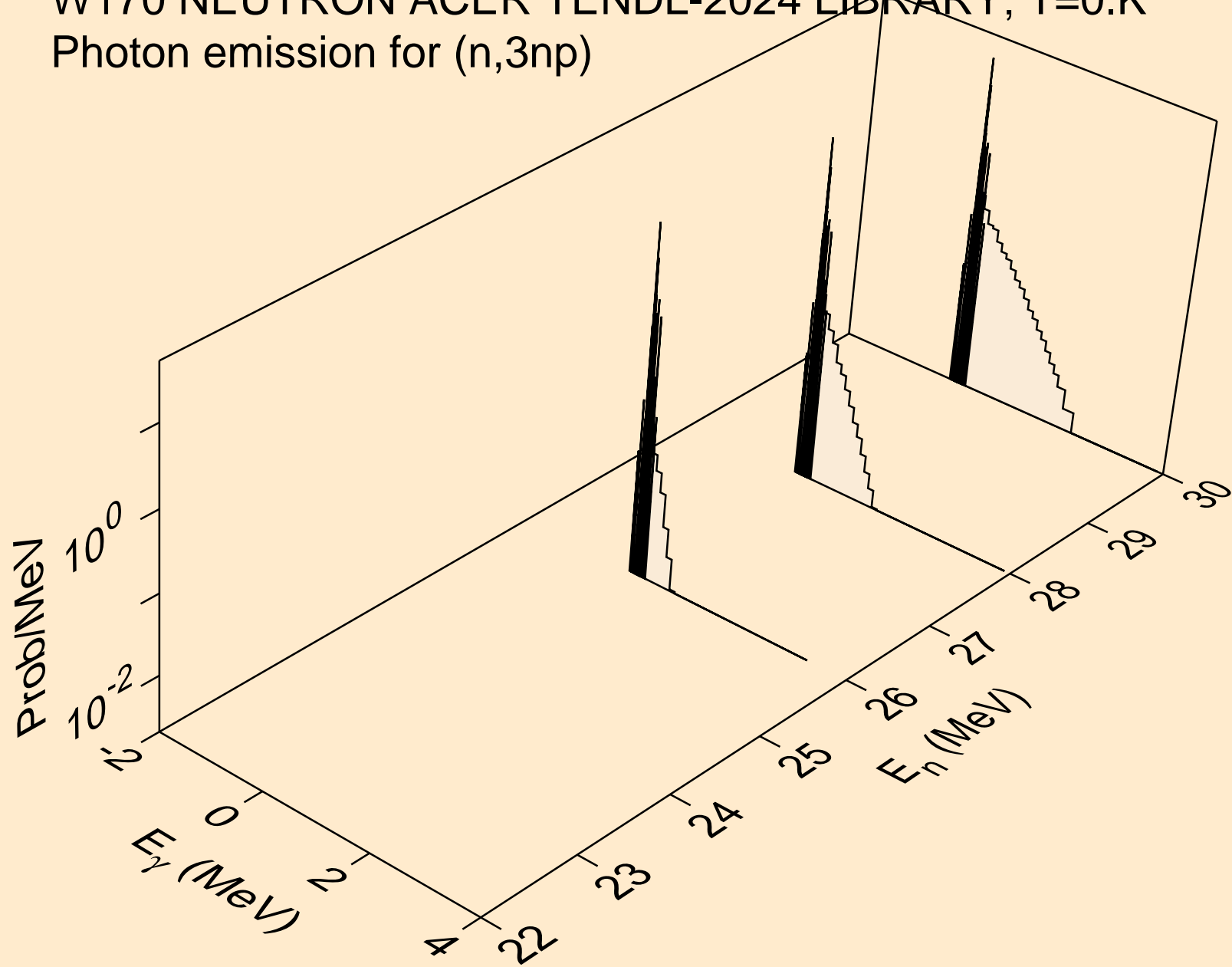
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



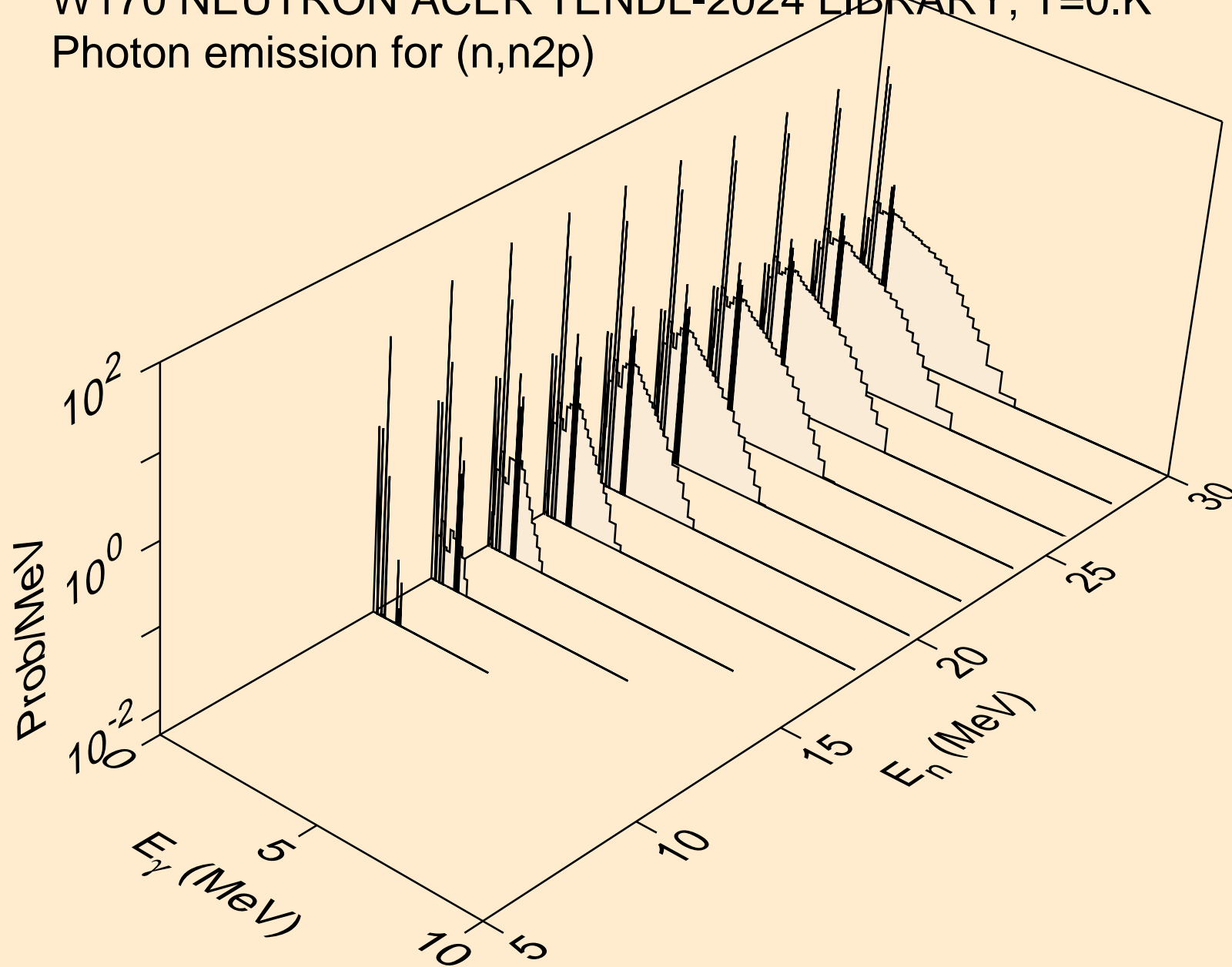
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



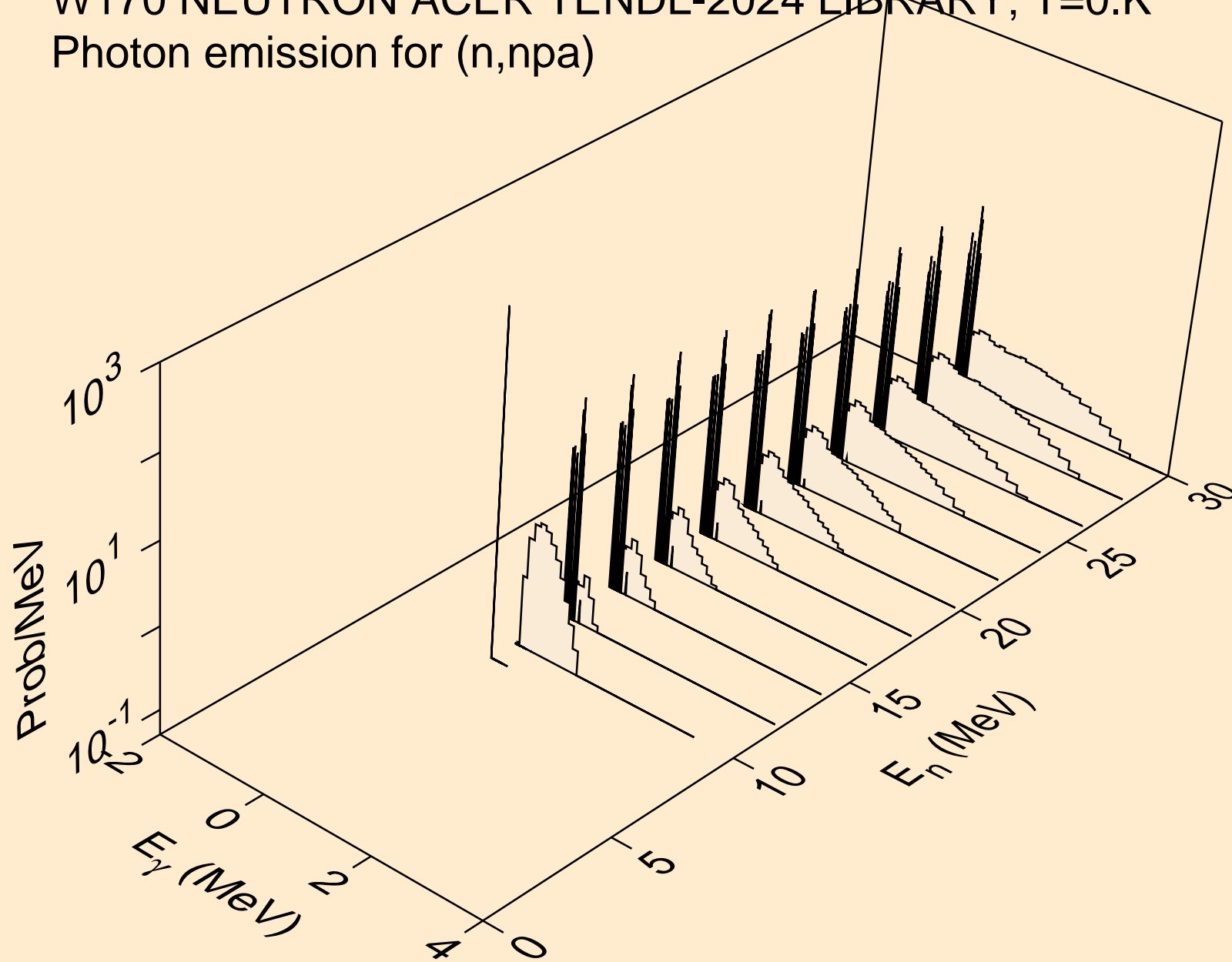
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Photon emission for (n,3np)



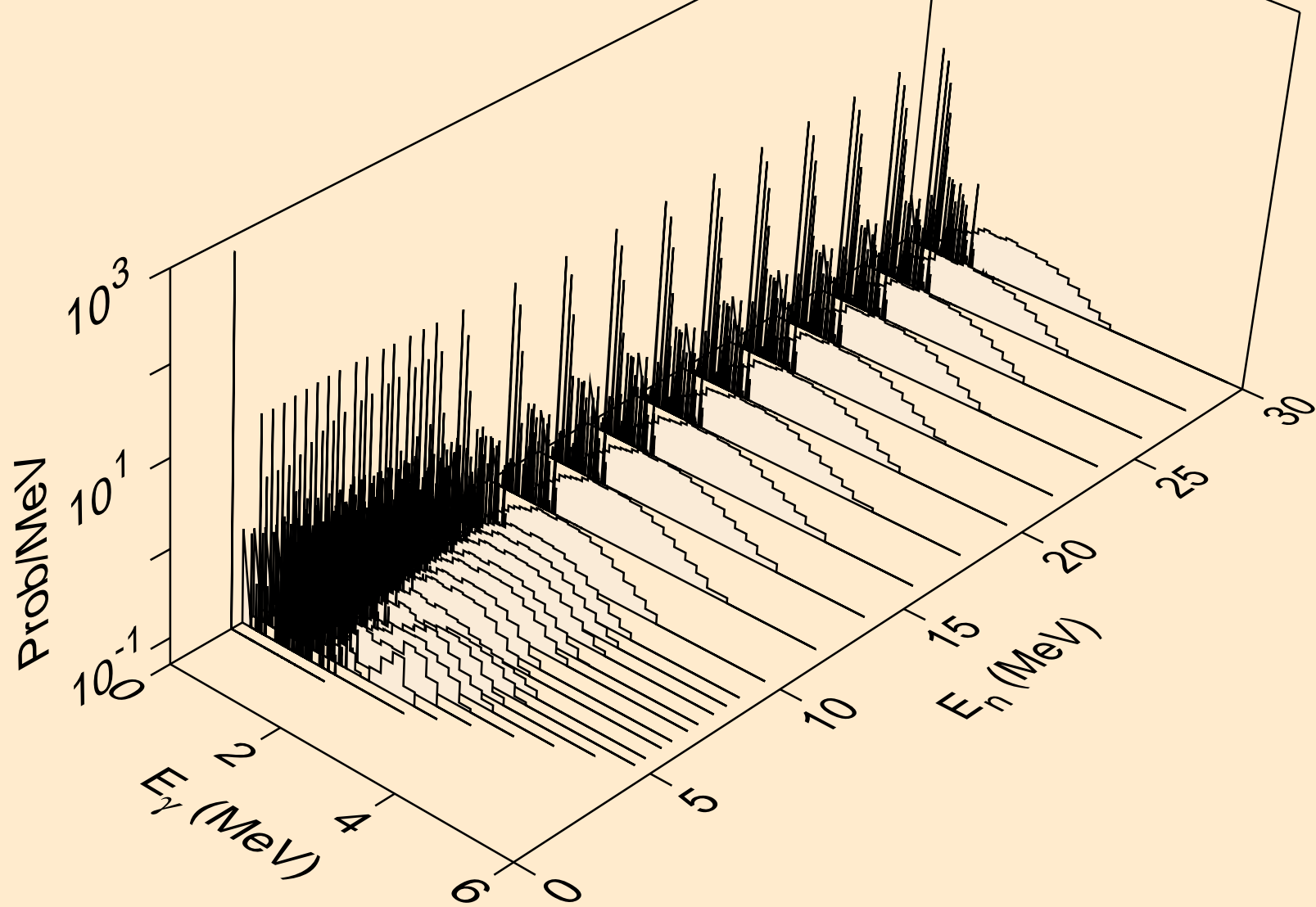
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



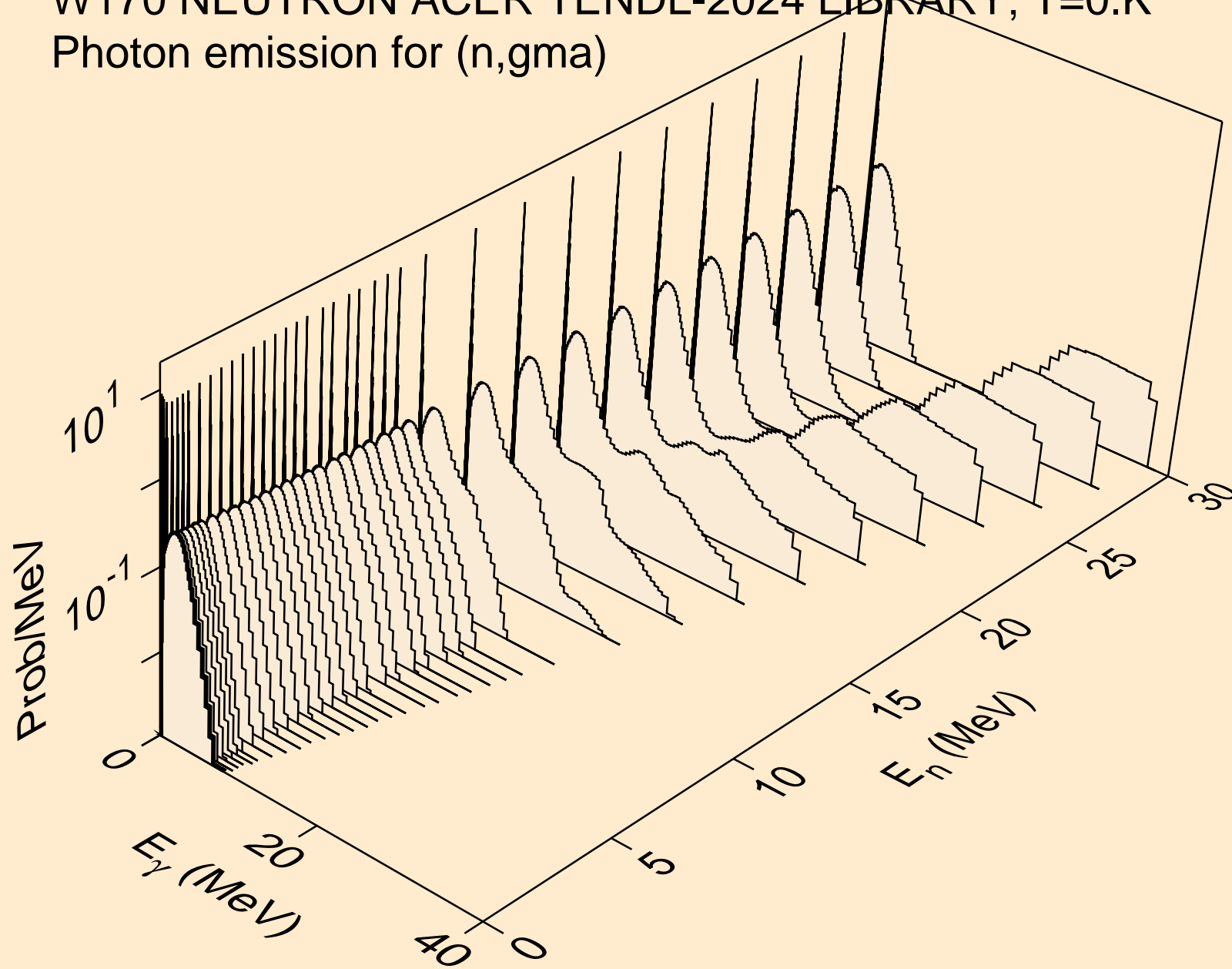
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



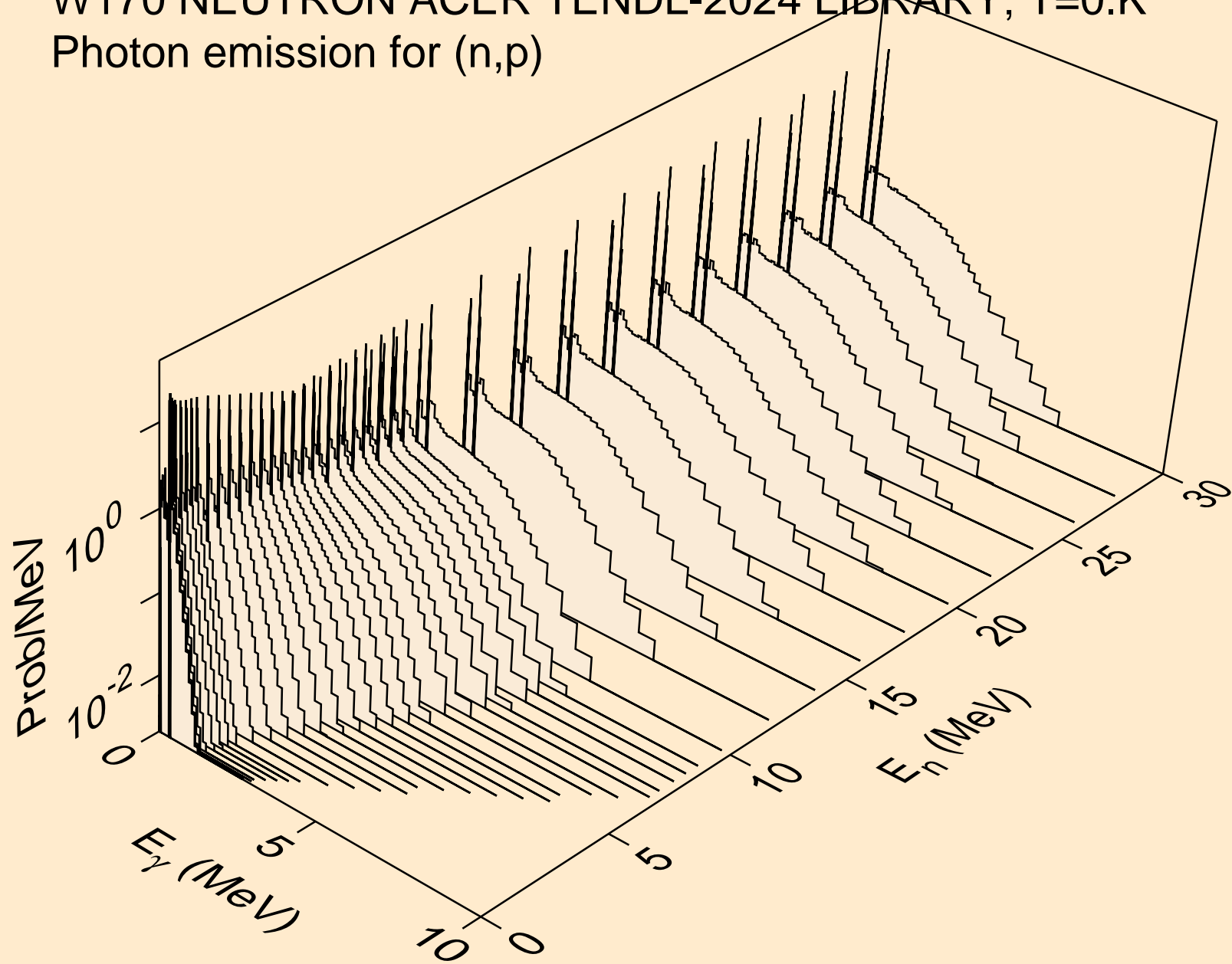
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Photon emission for (n,n\*c)



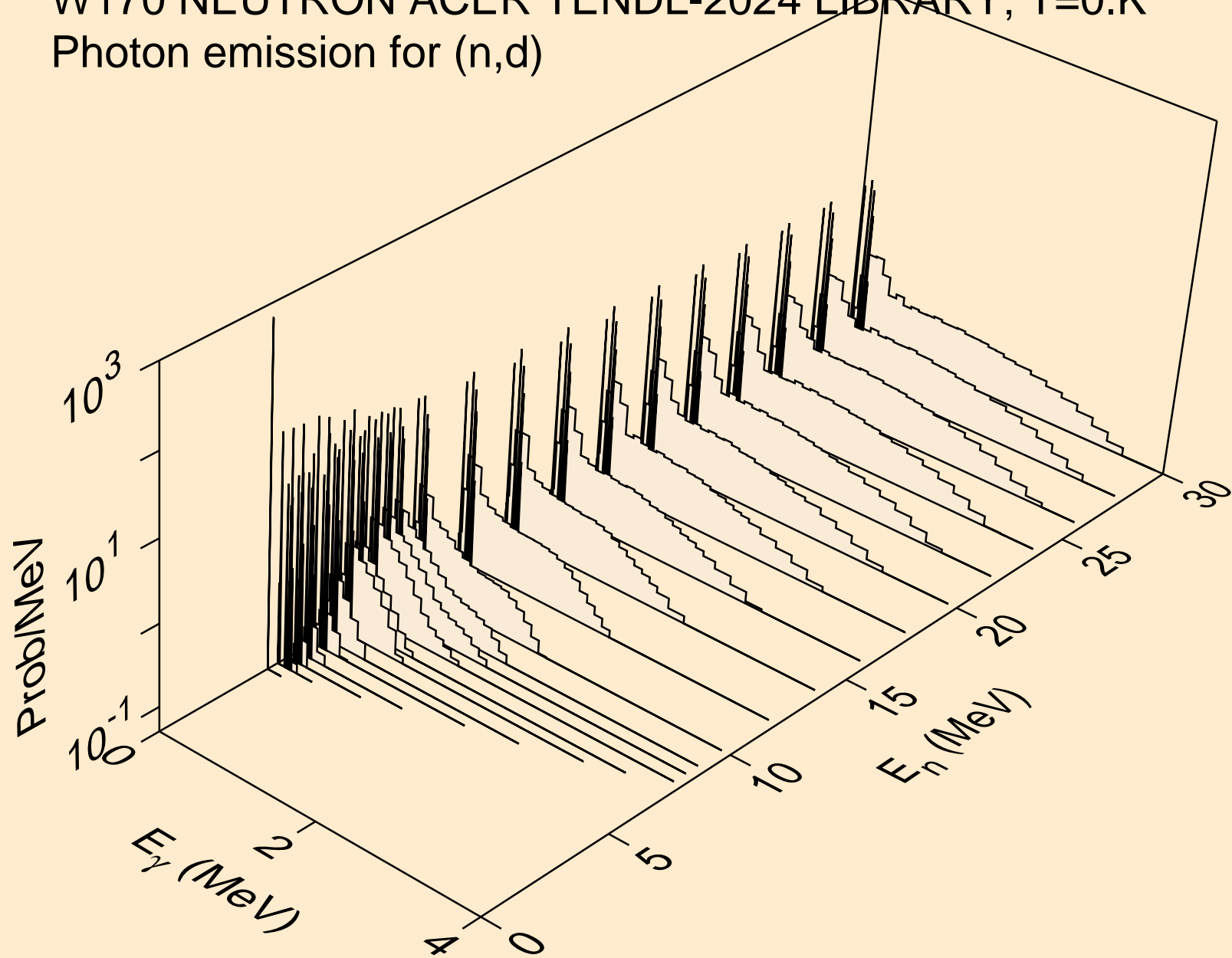
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Photon emission for (n,gma)



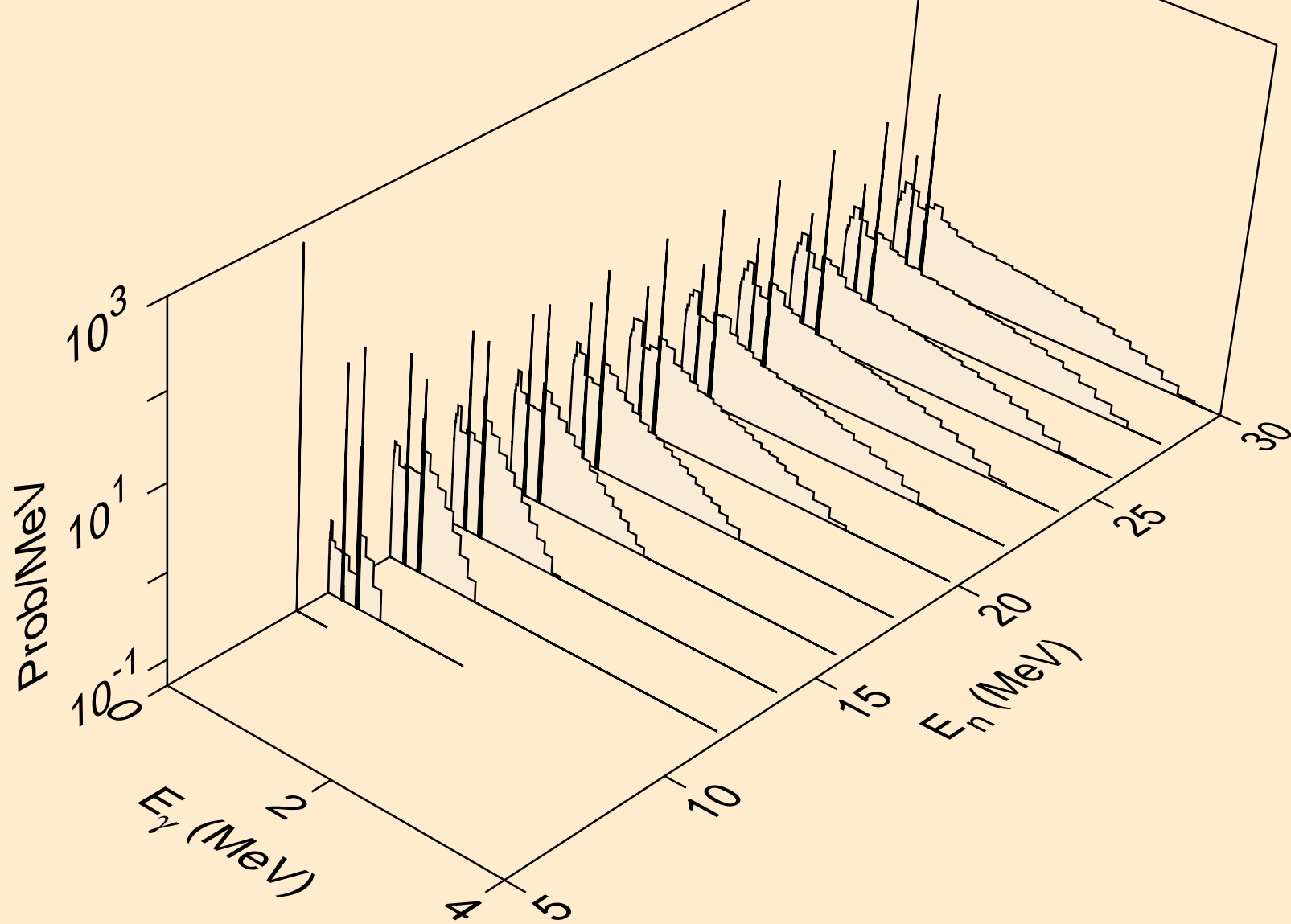
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



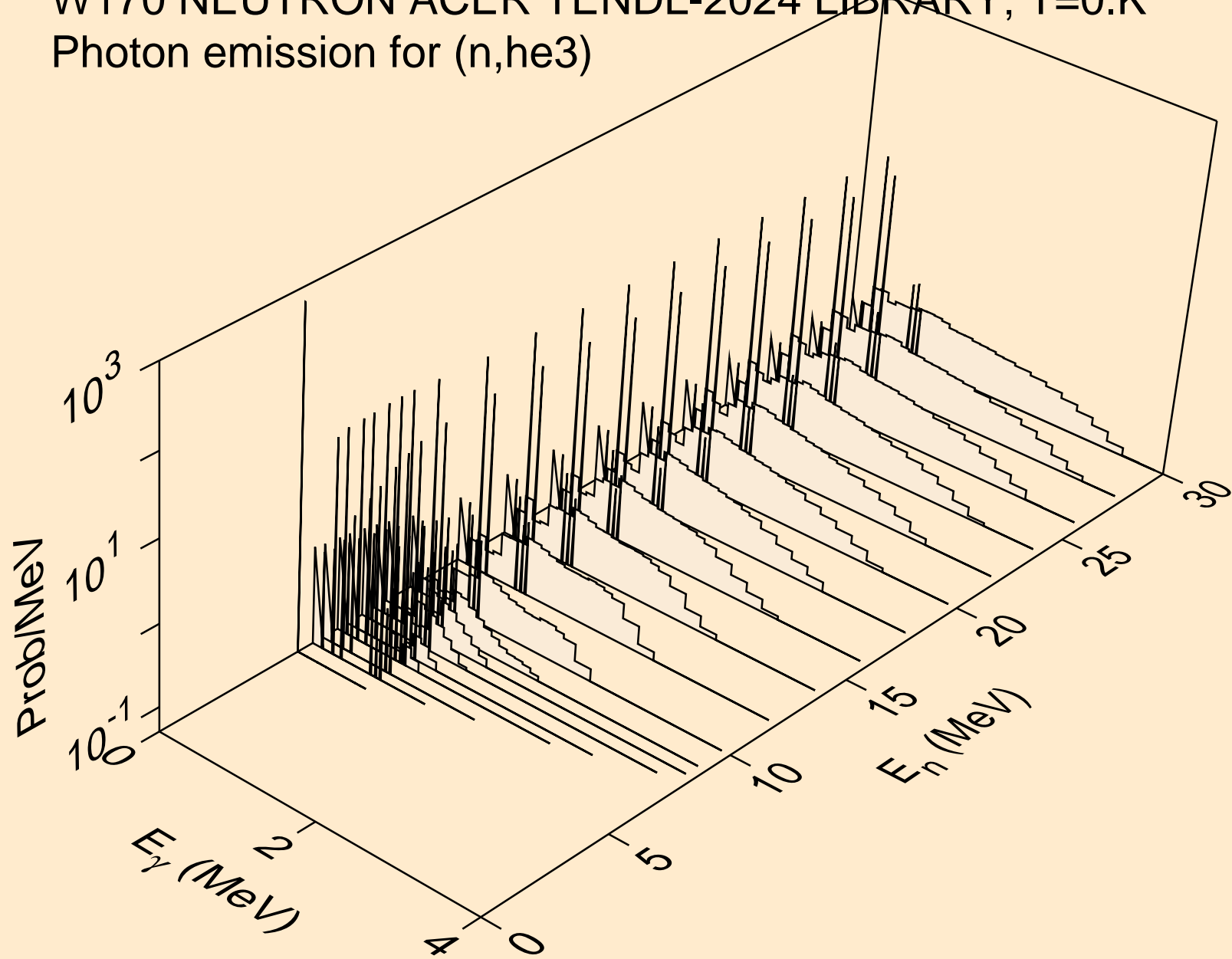
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Photon emission for (n,d)



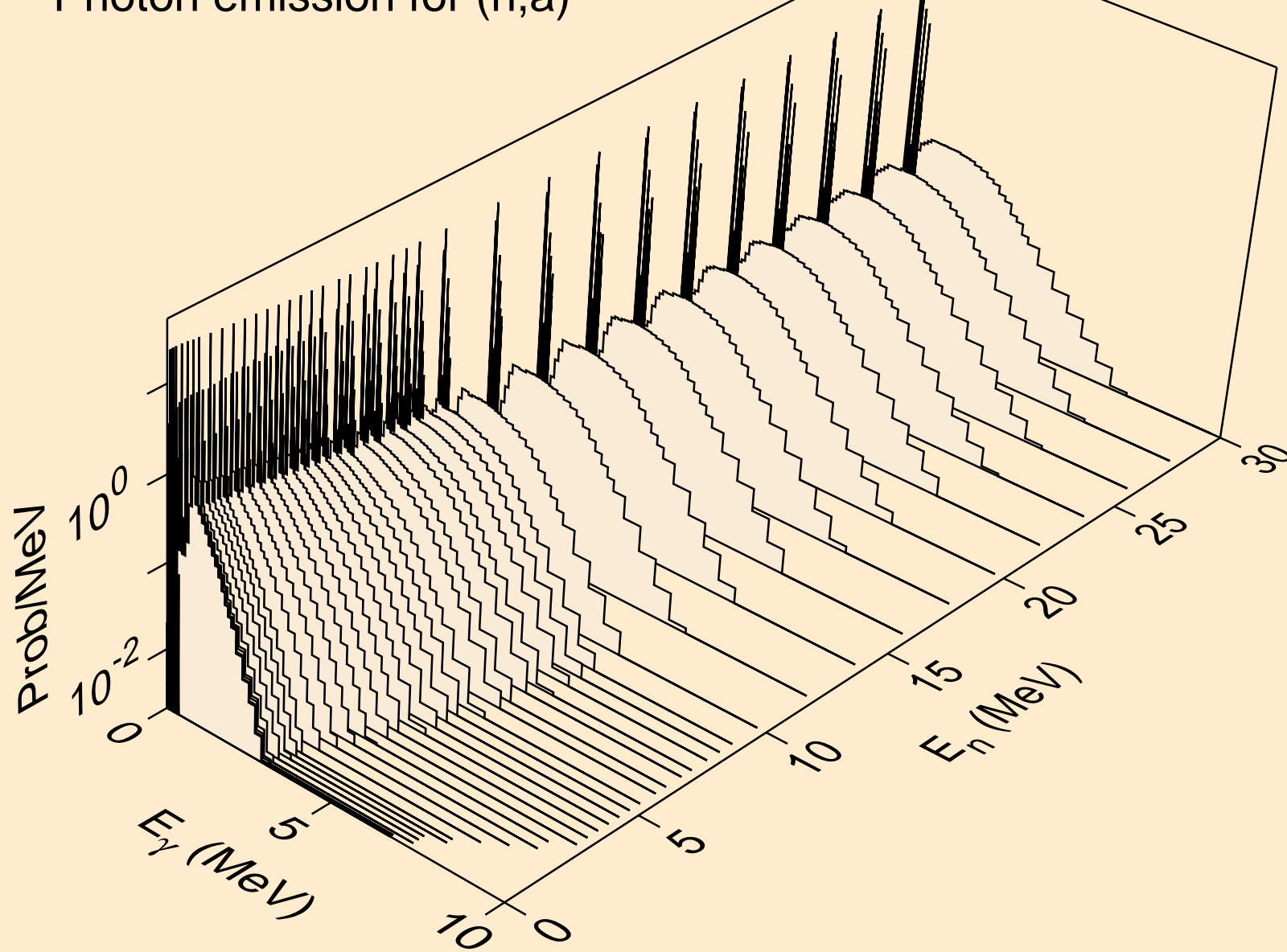
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



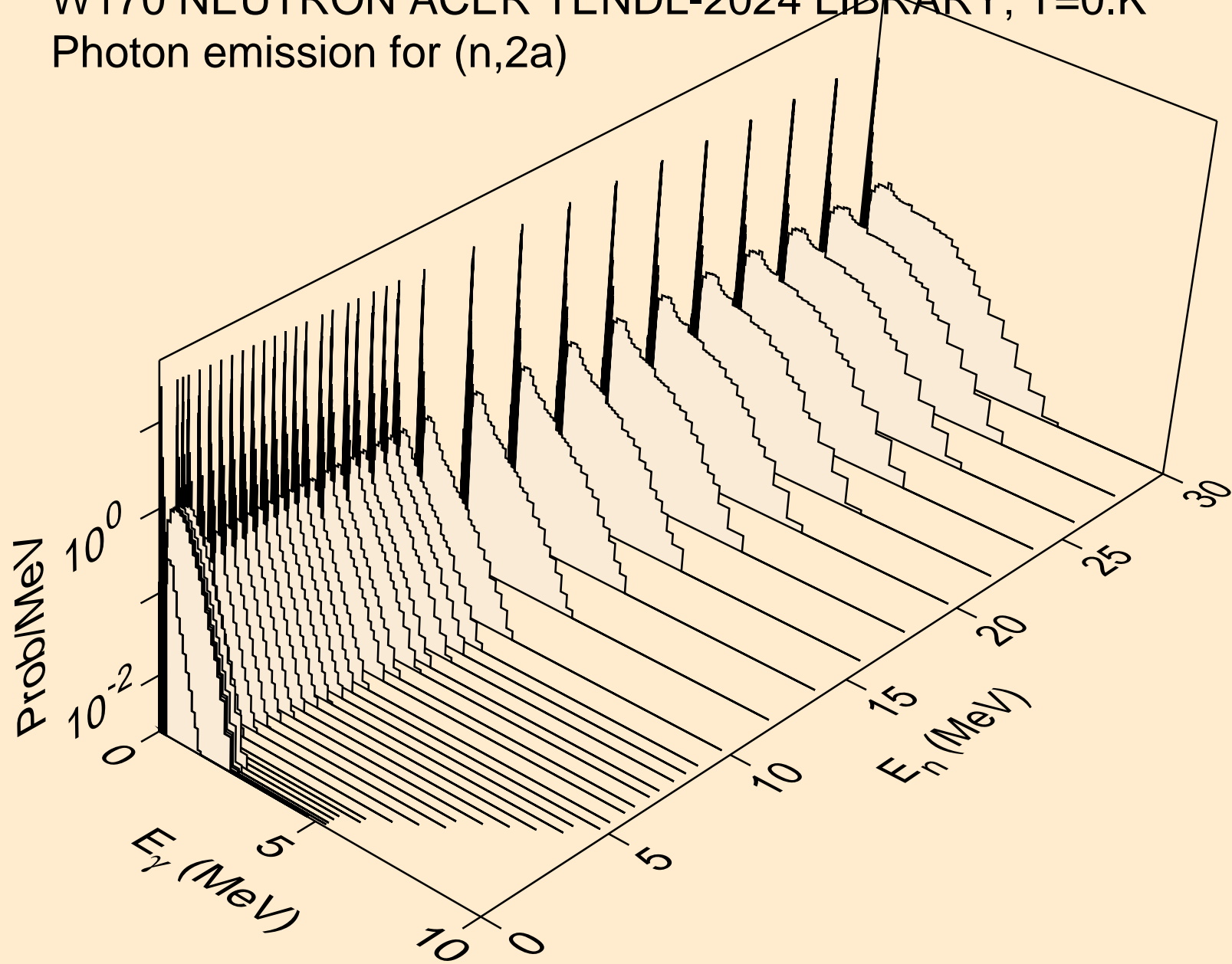
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



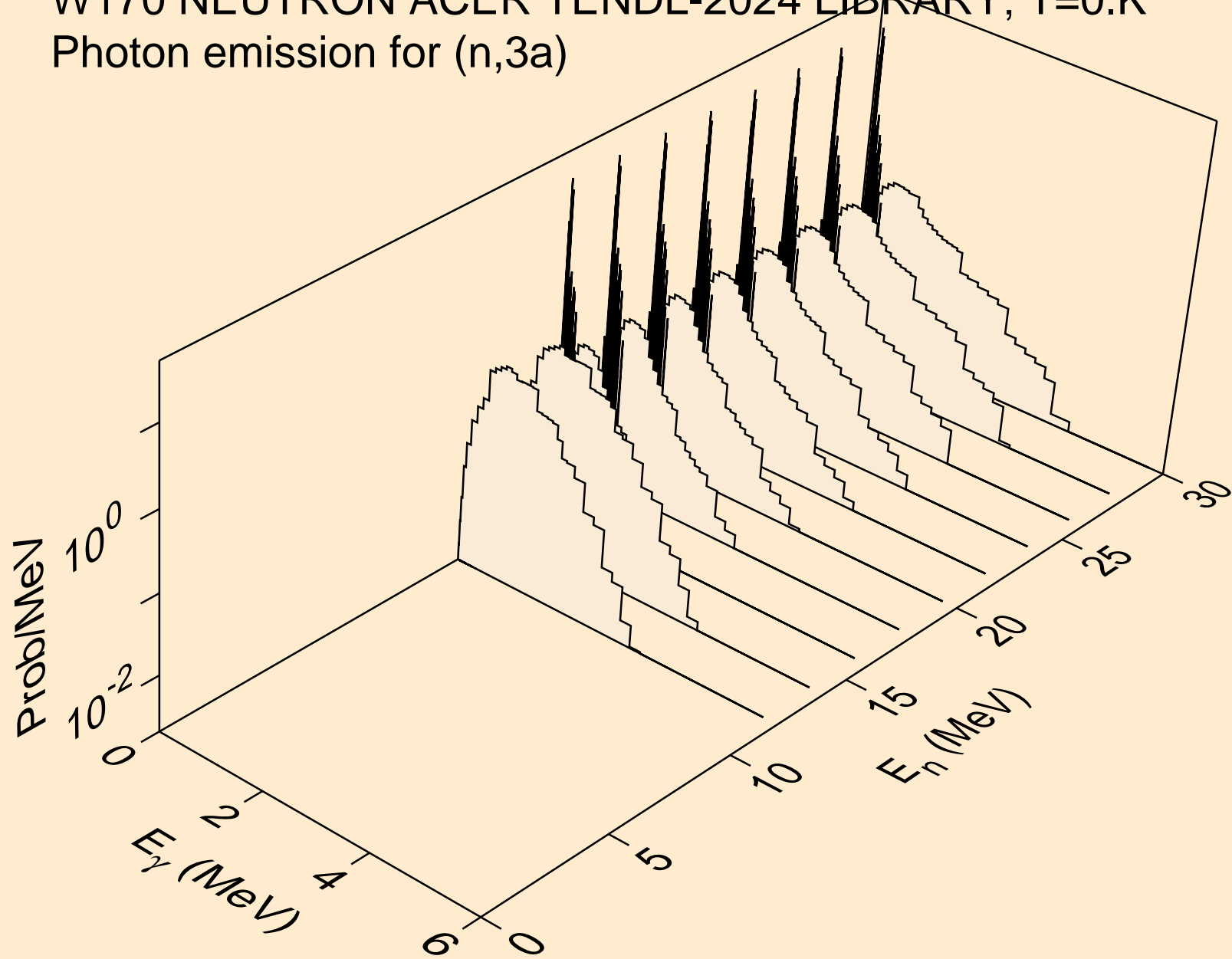
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



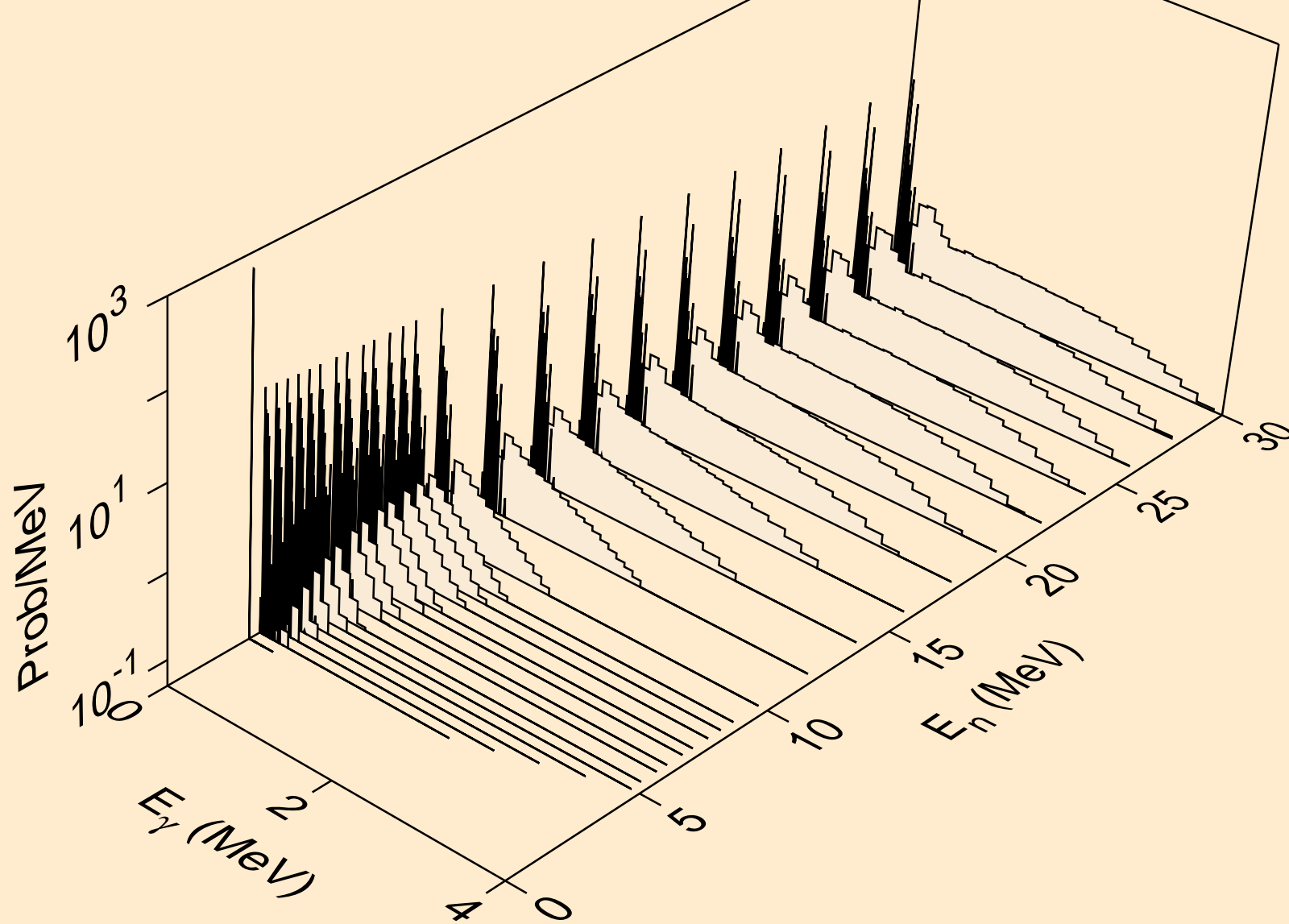
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



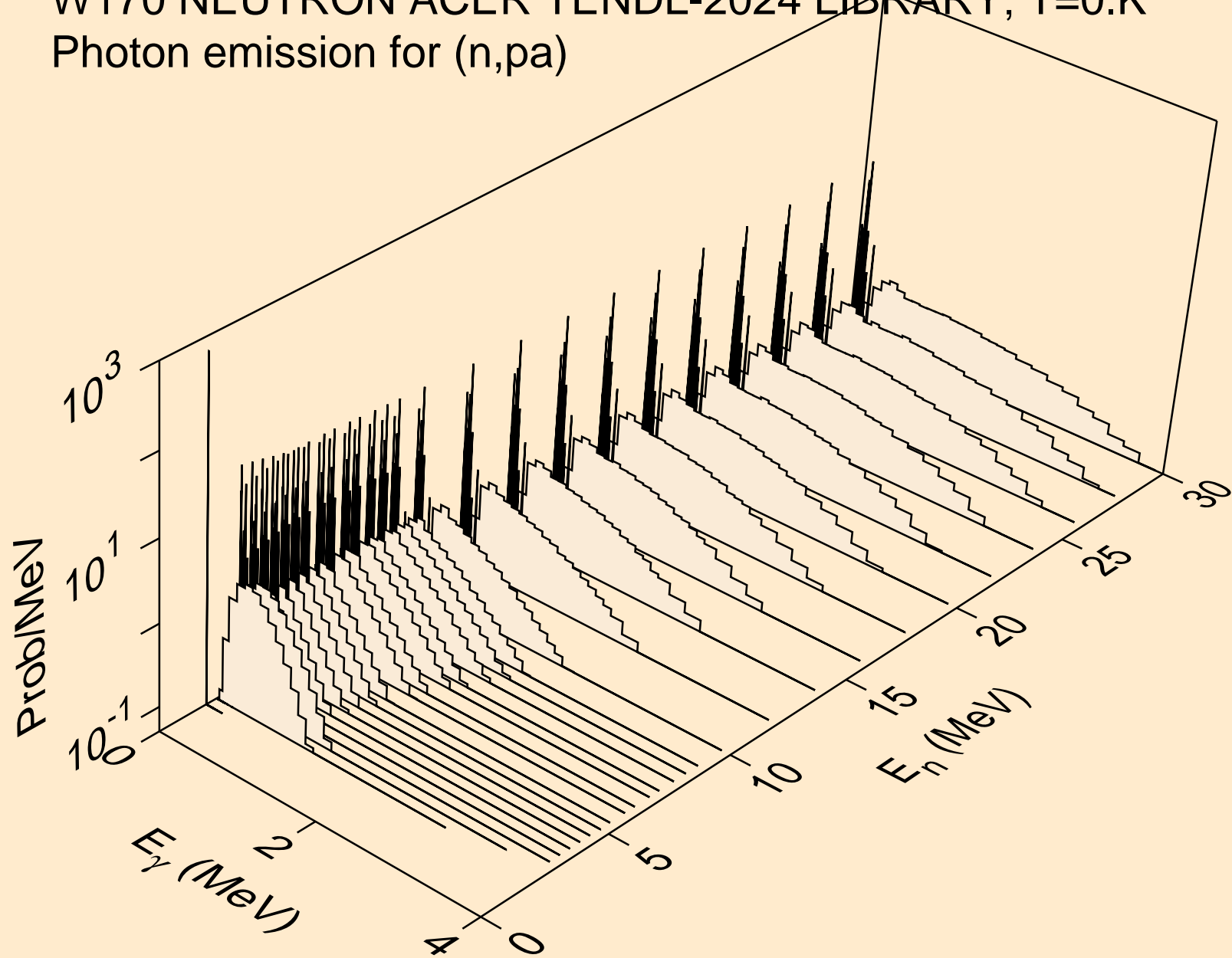
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



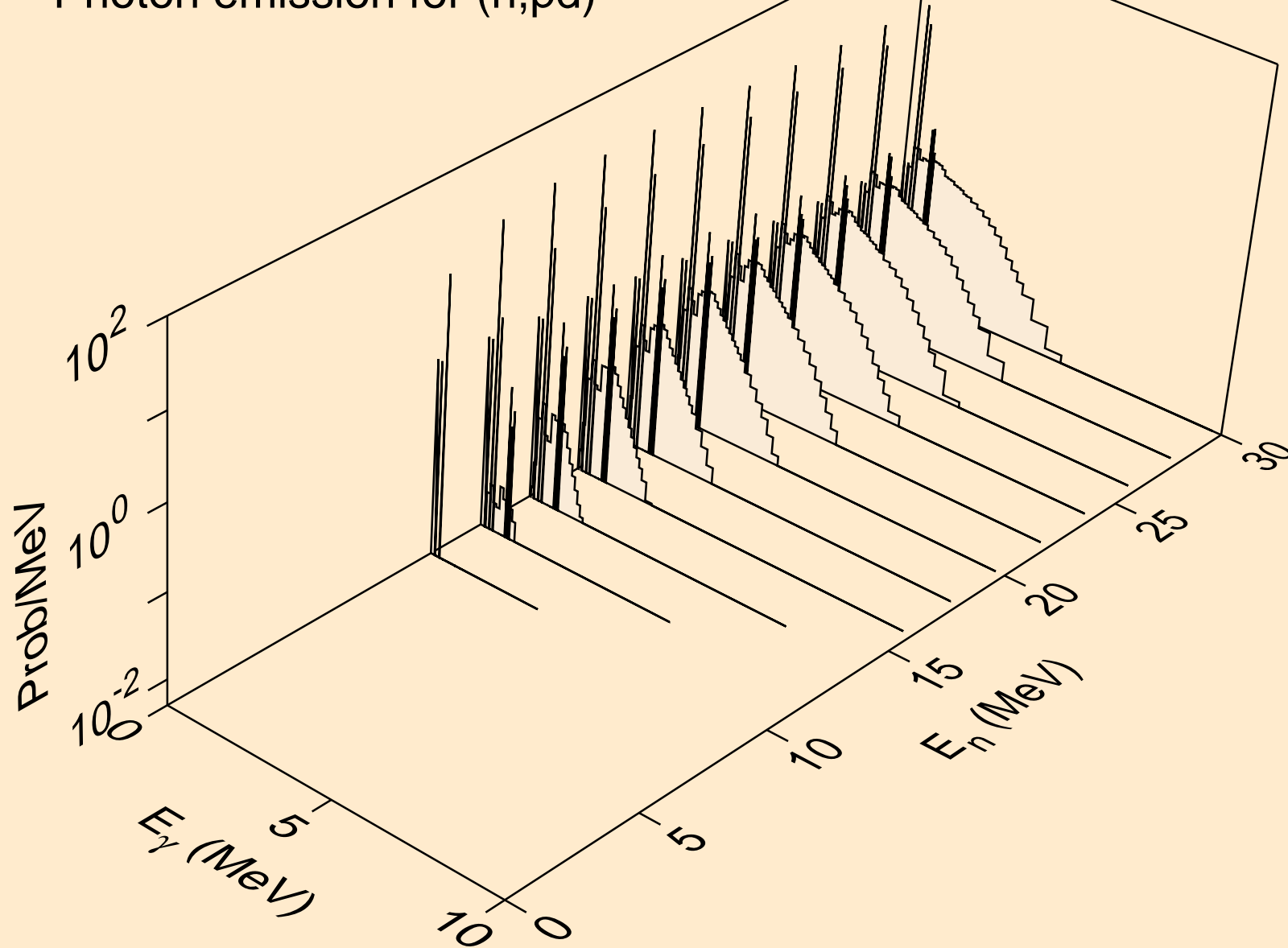
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



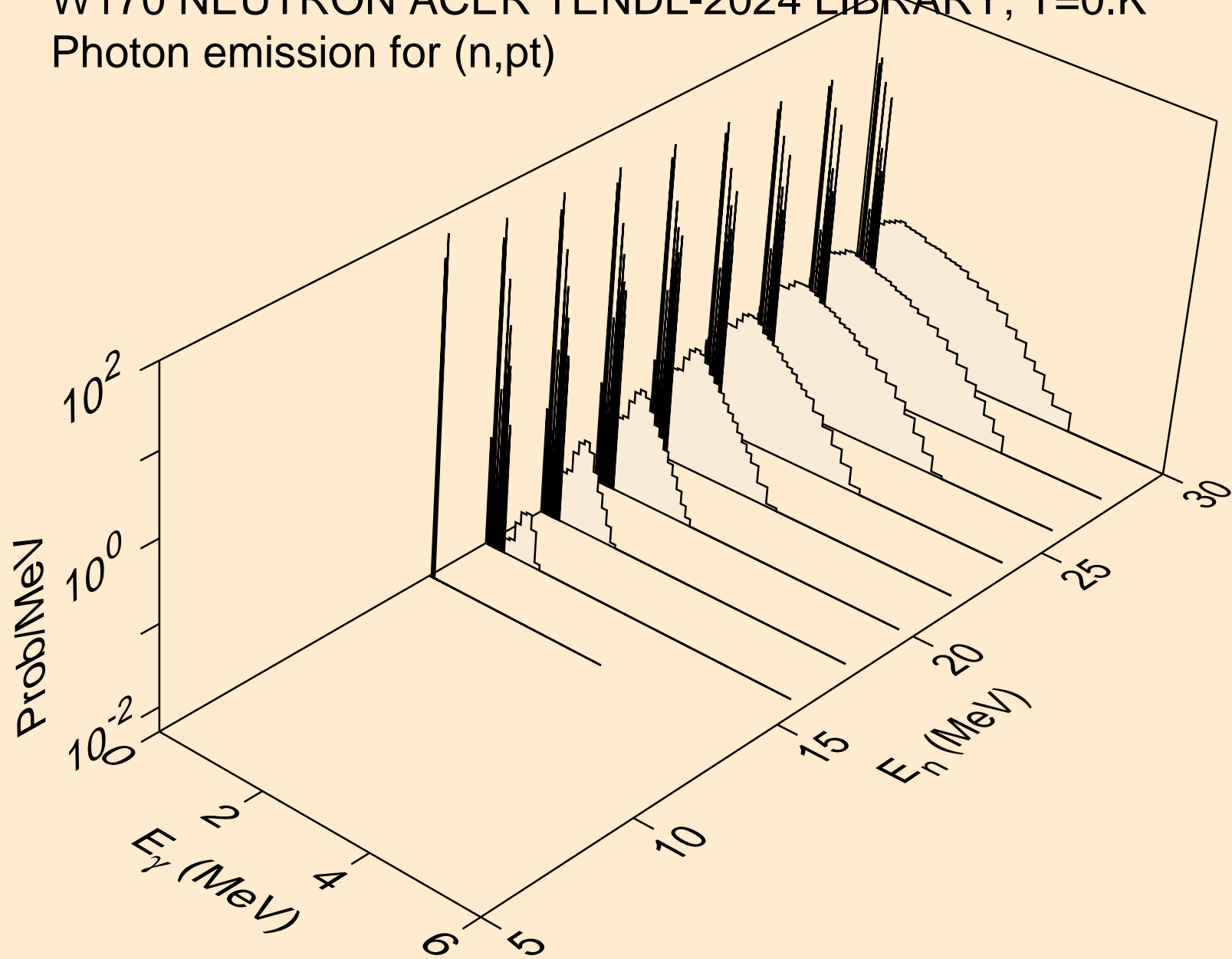
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



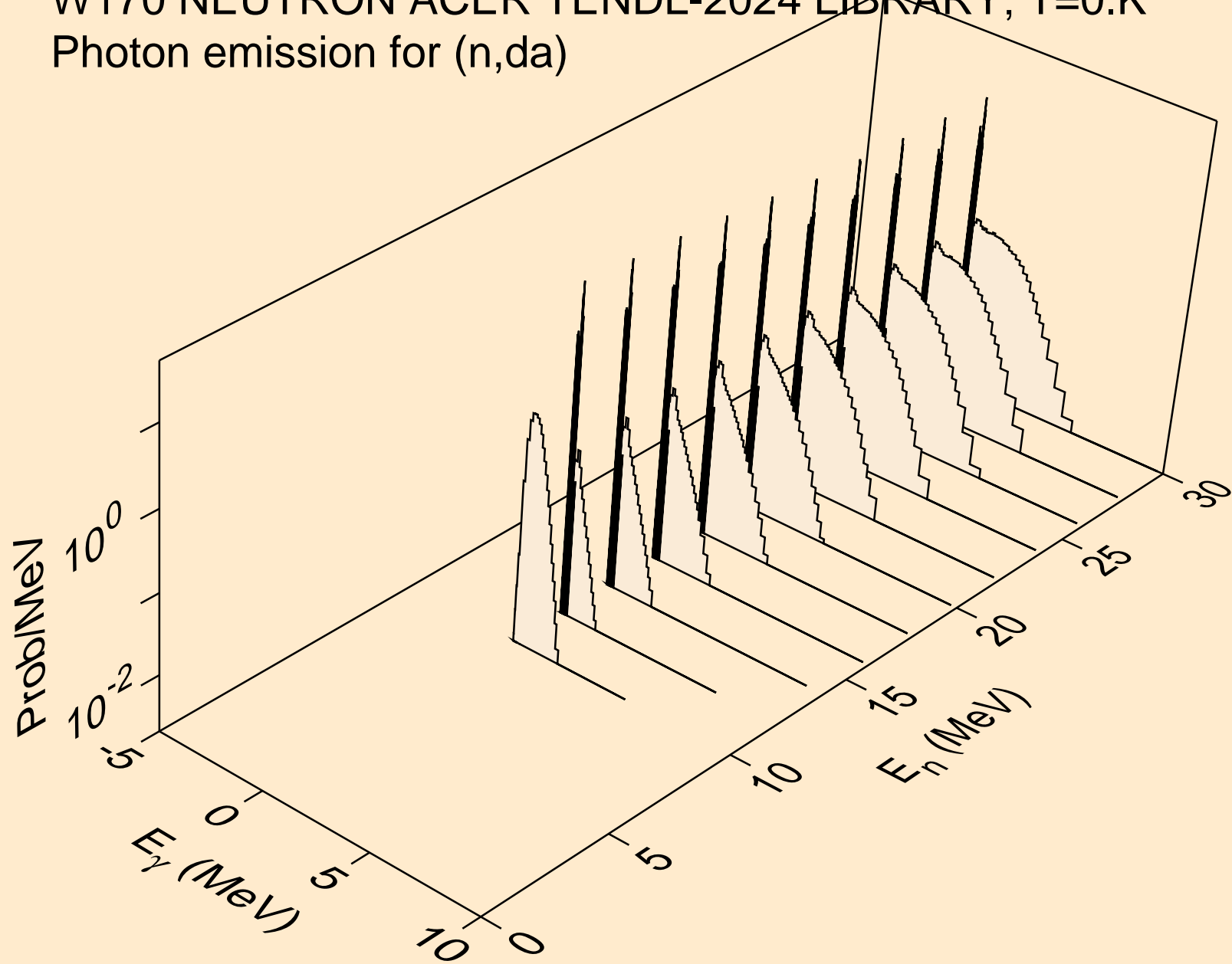
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



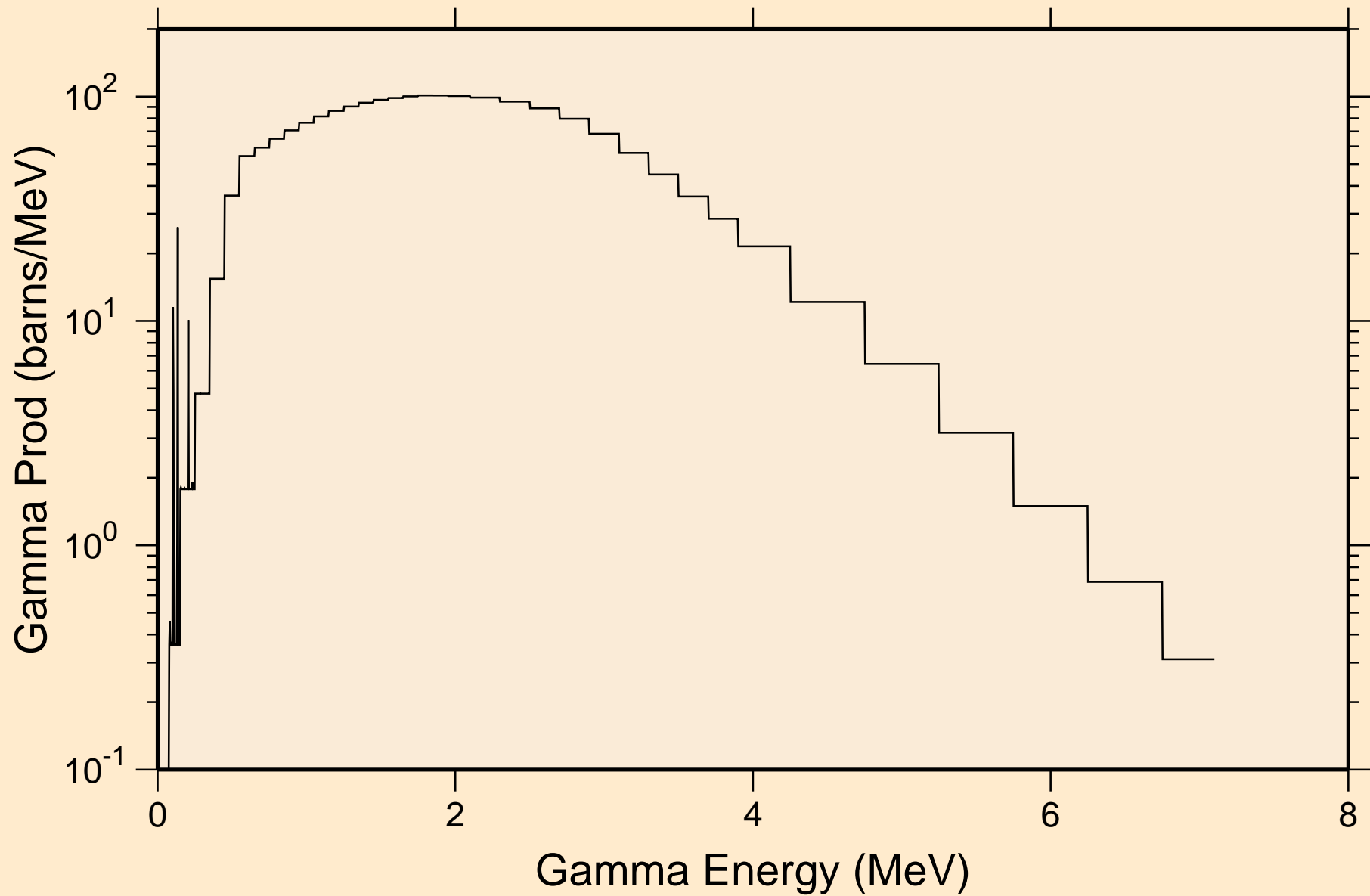
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



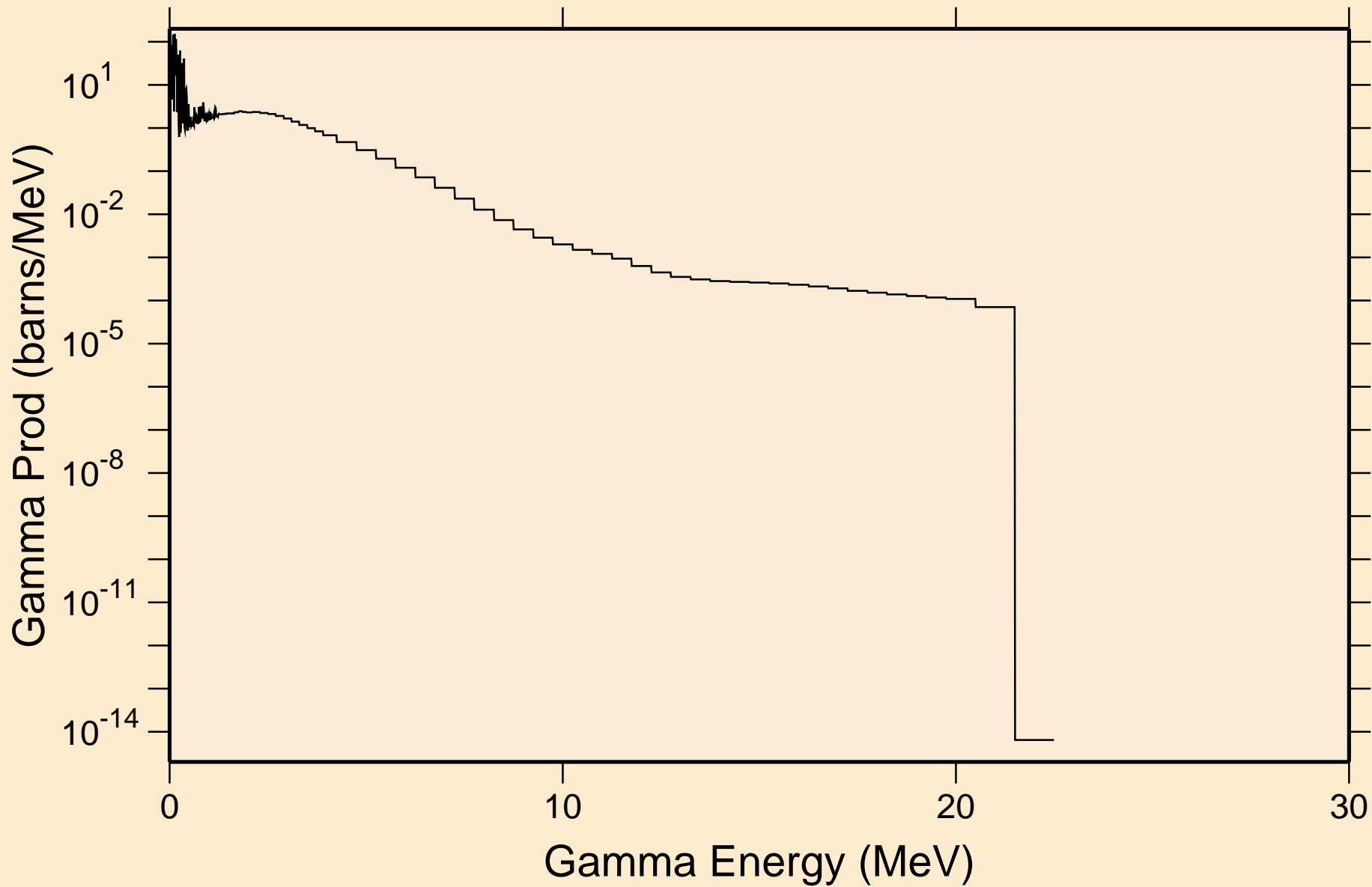
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



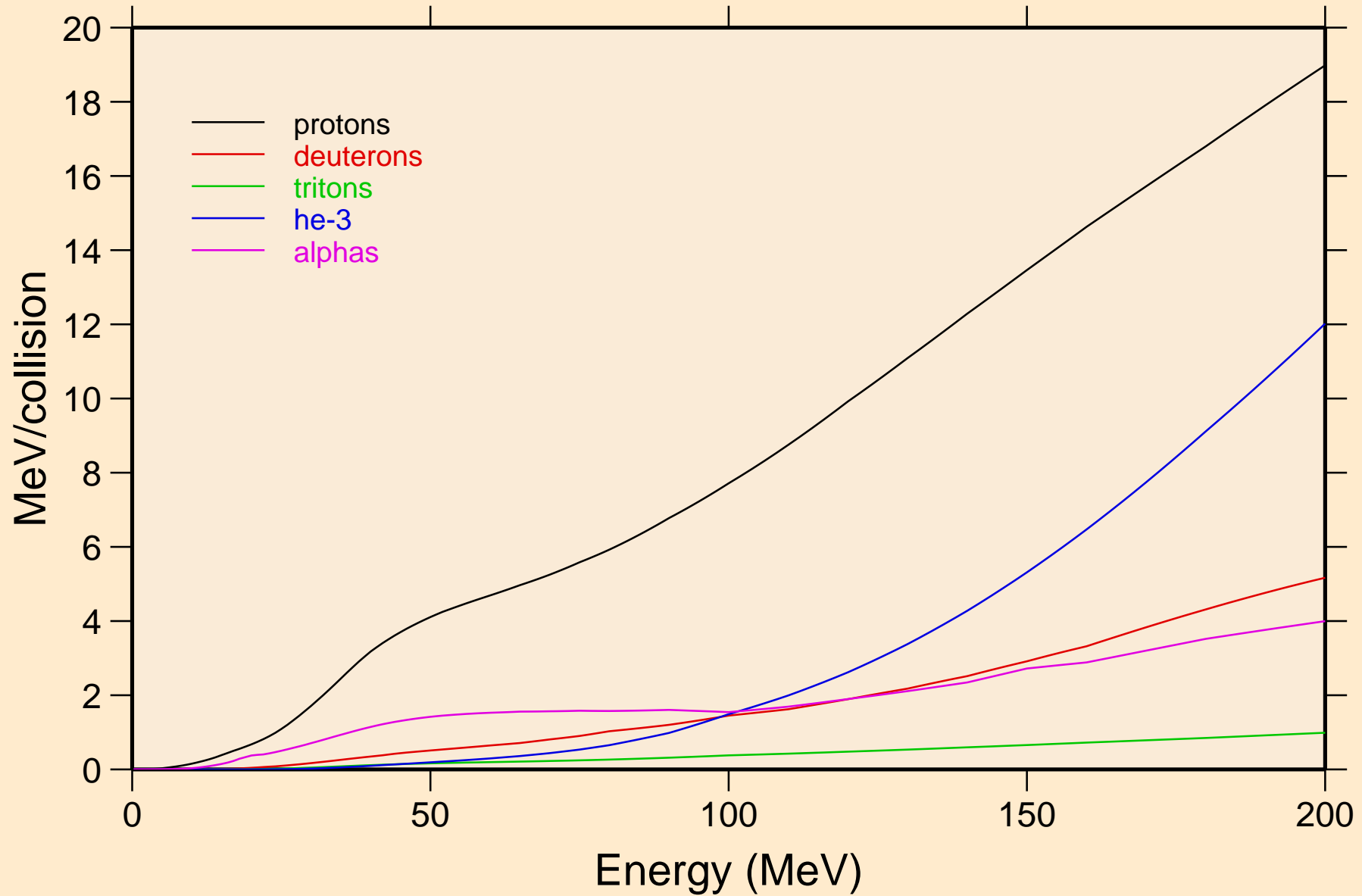
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

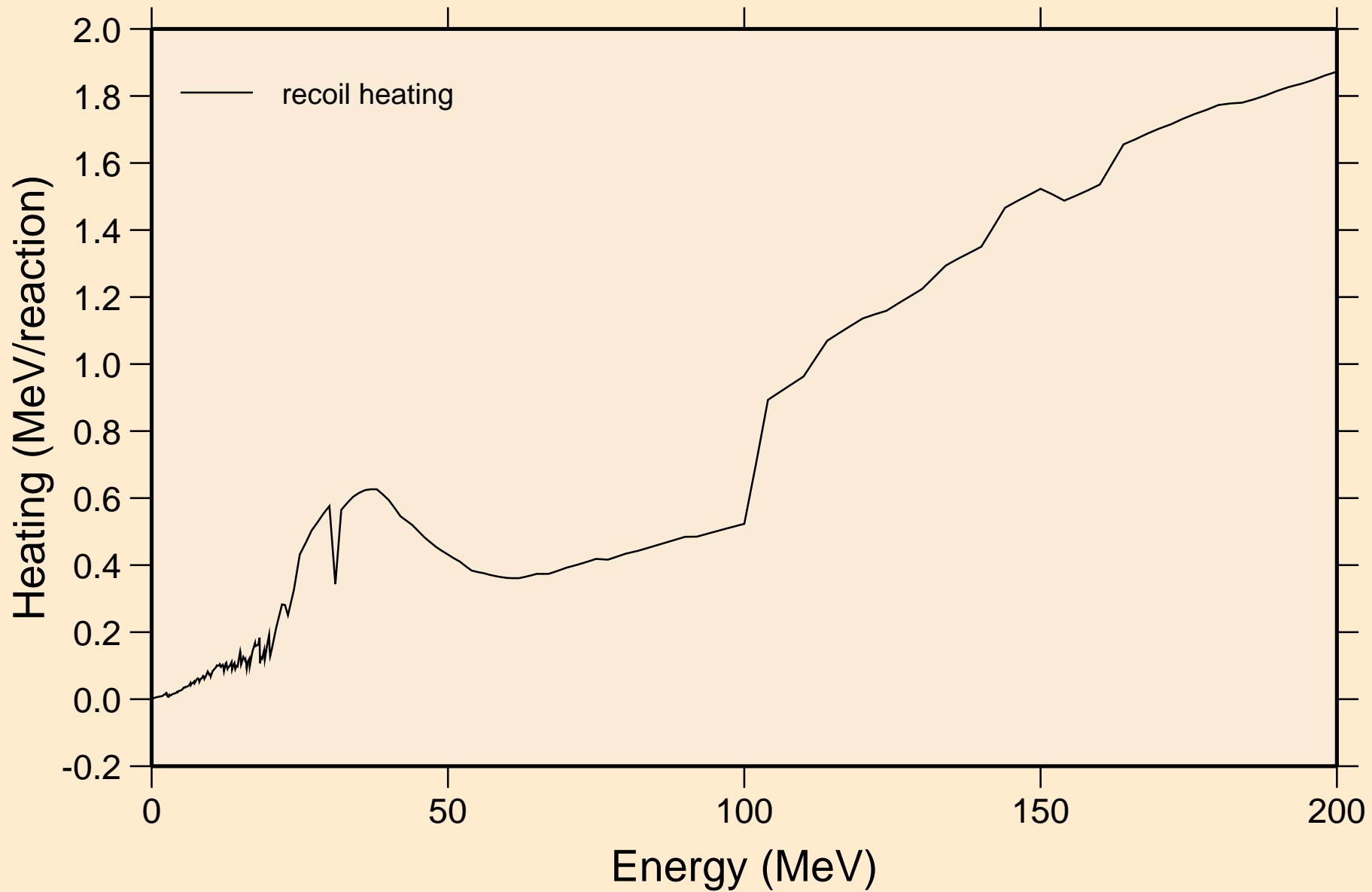


W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

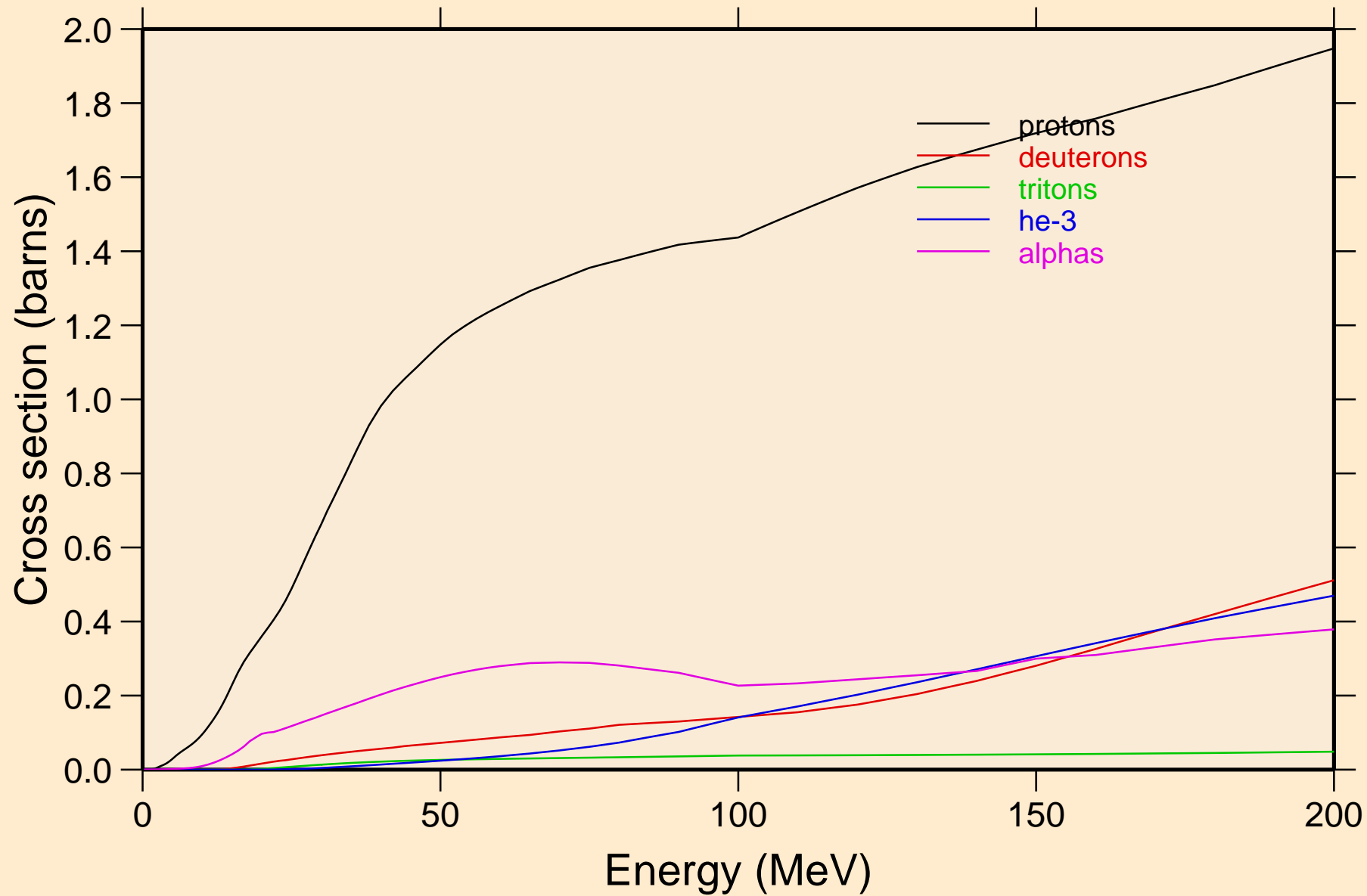


# W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

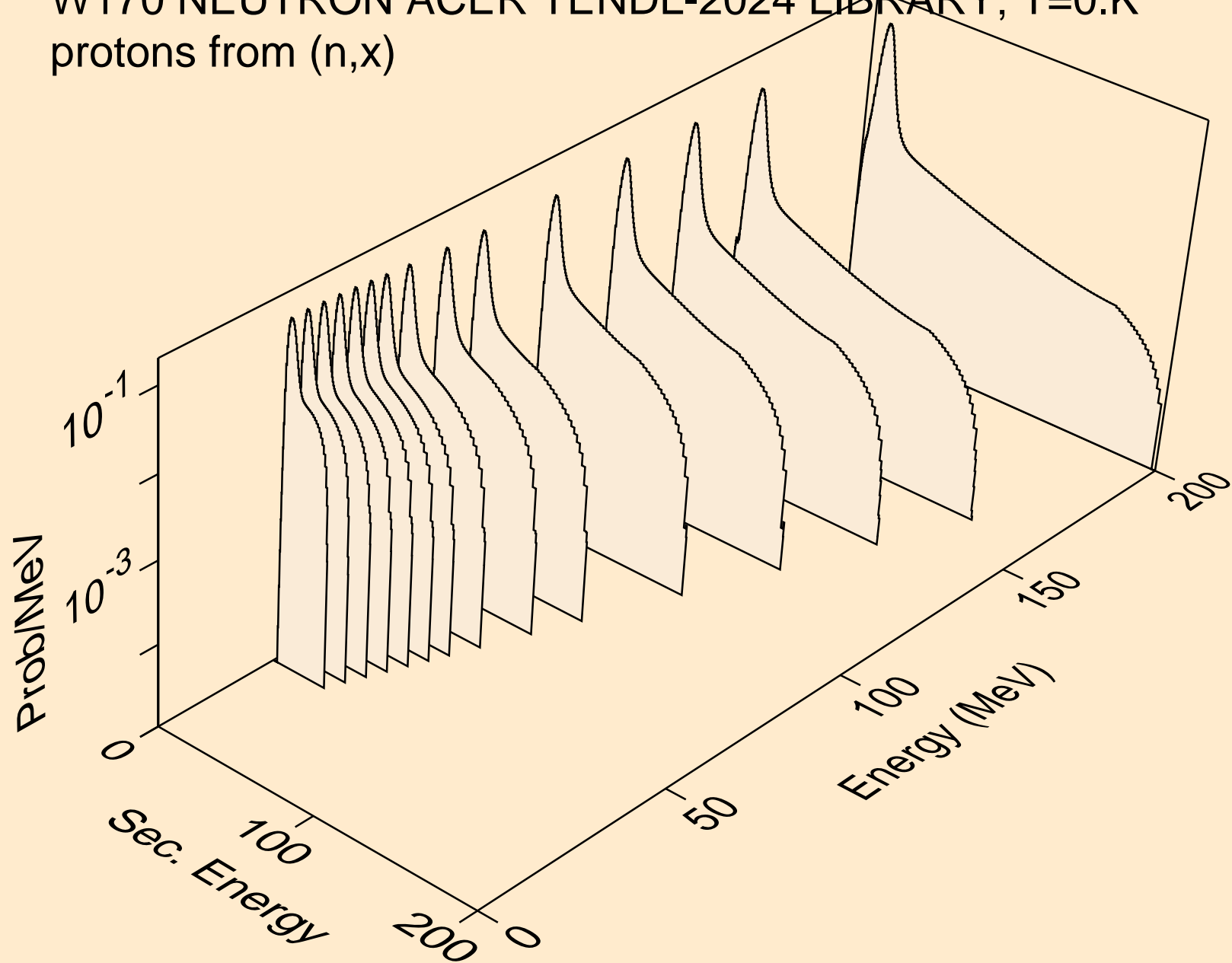
## Recoil Heating



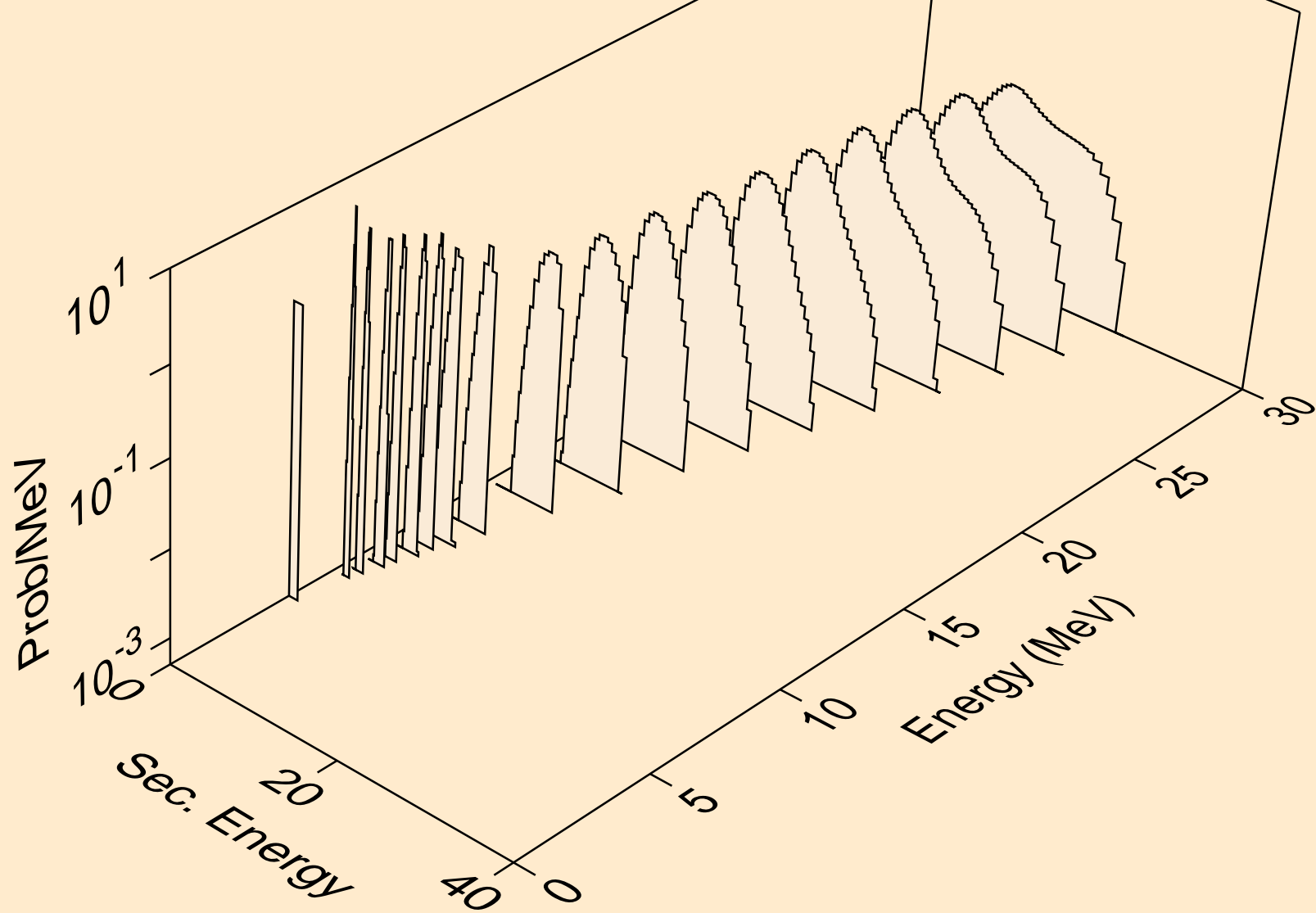
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Particle production cross sections



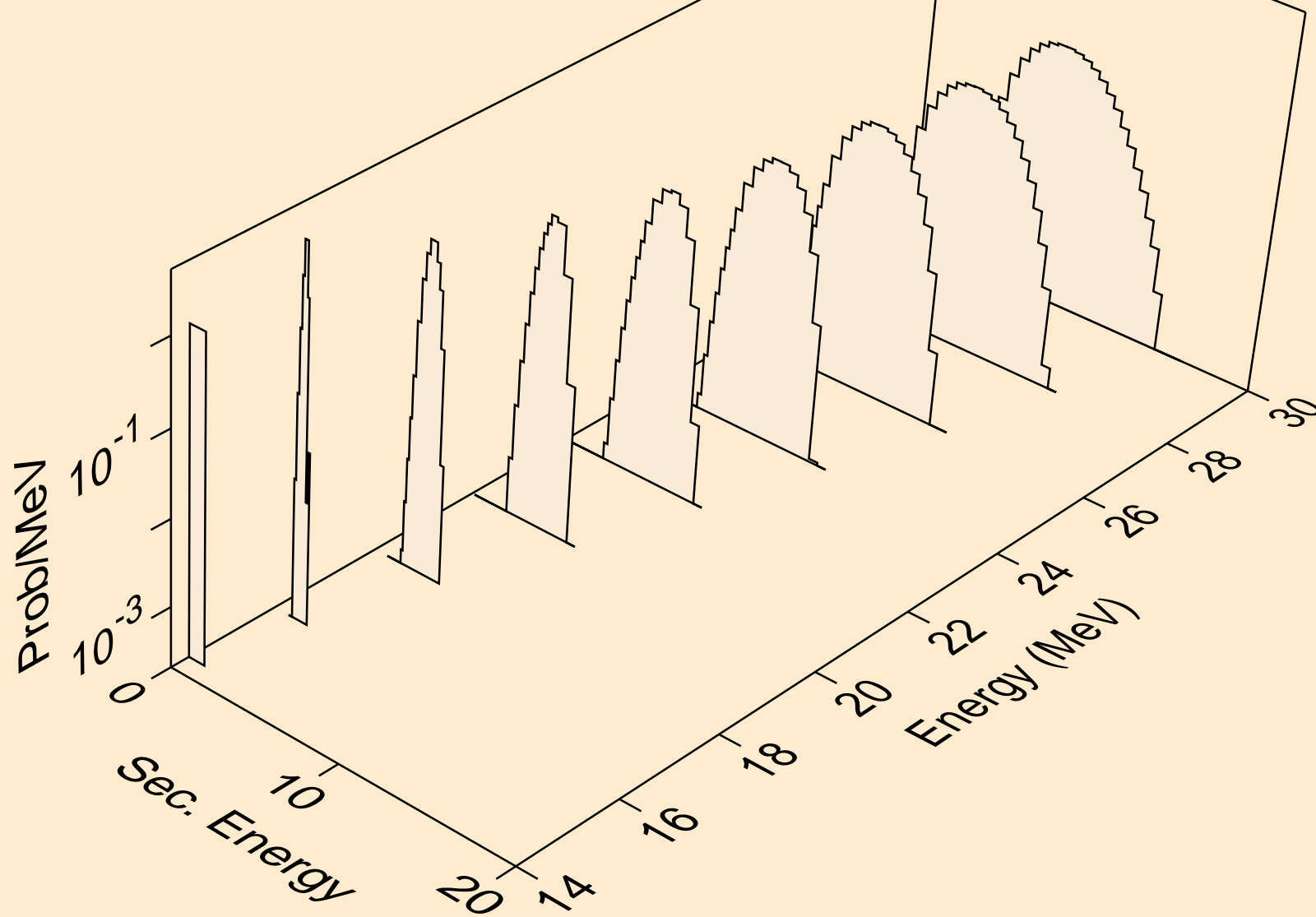
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



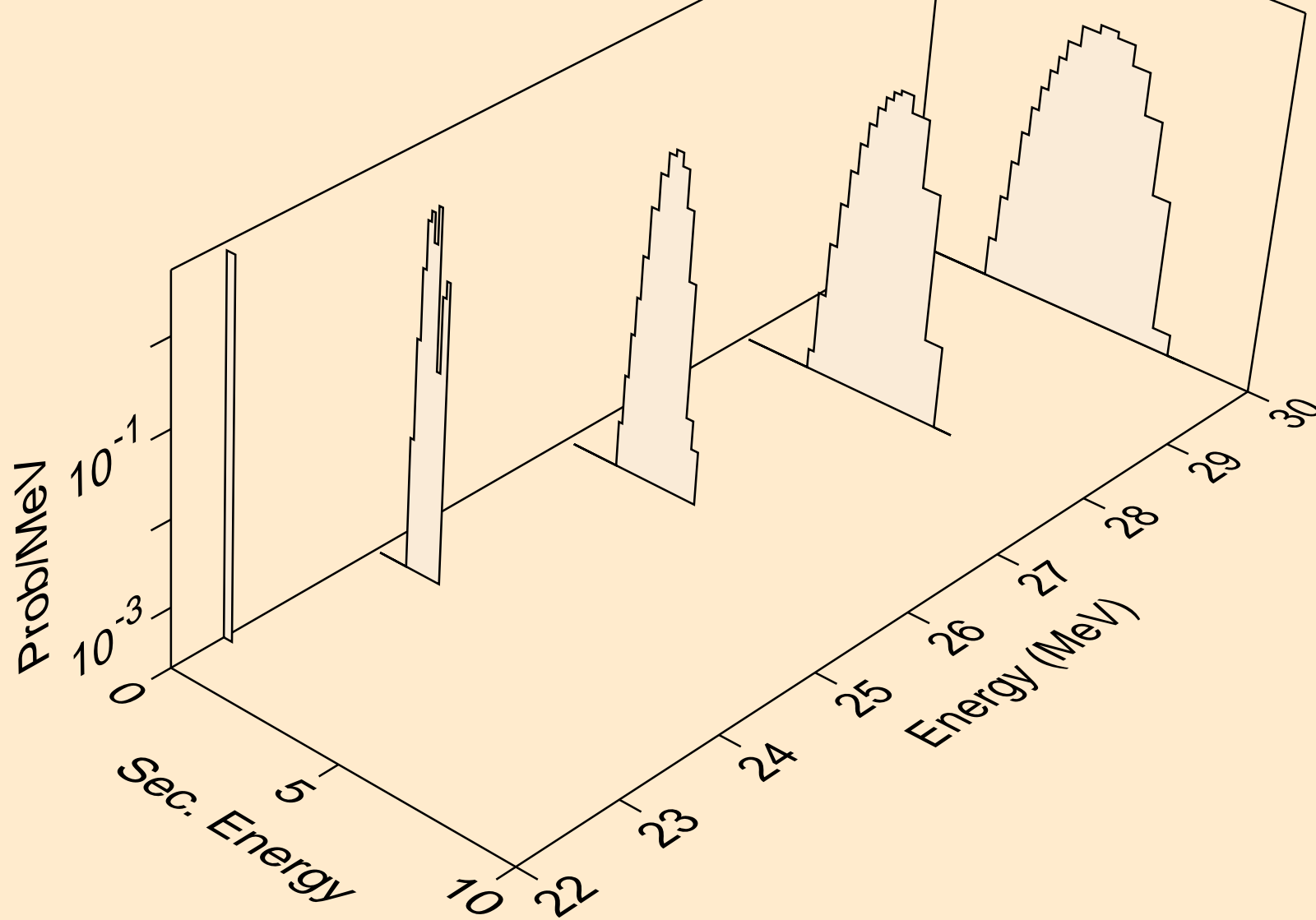
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



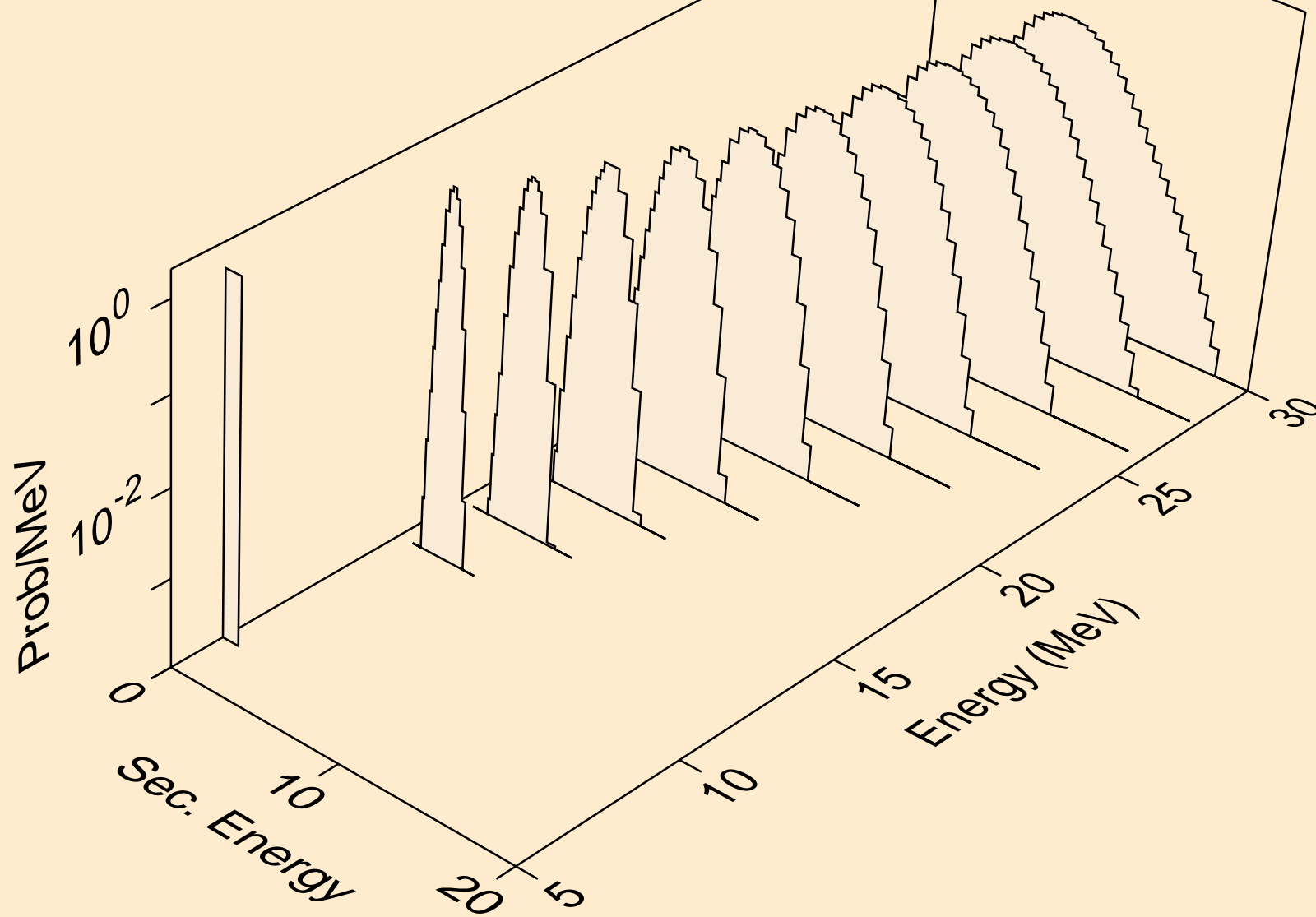
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



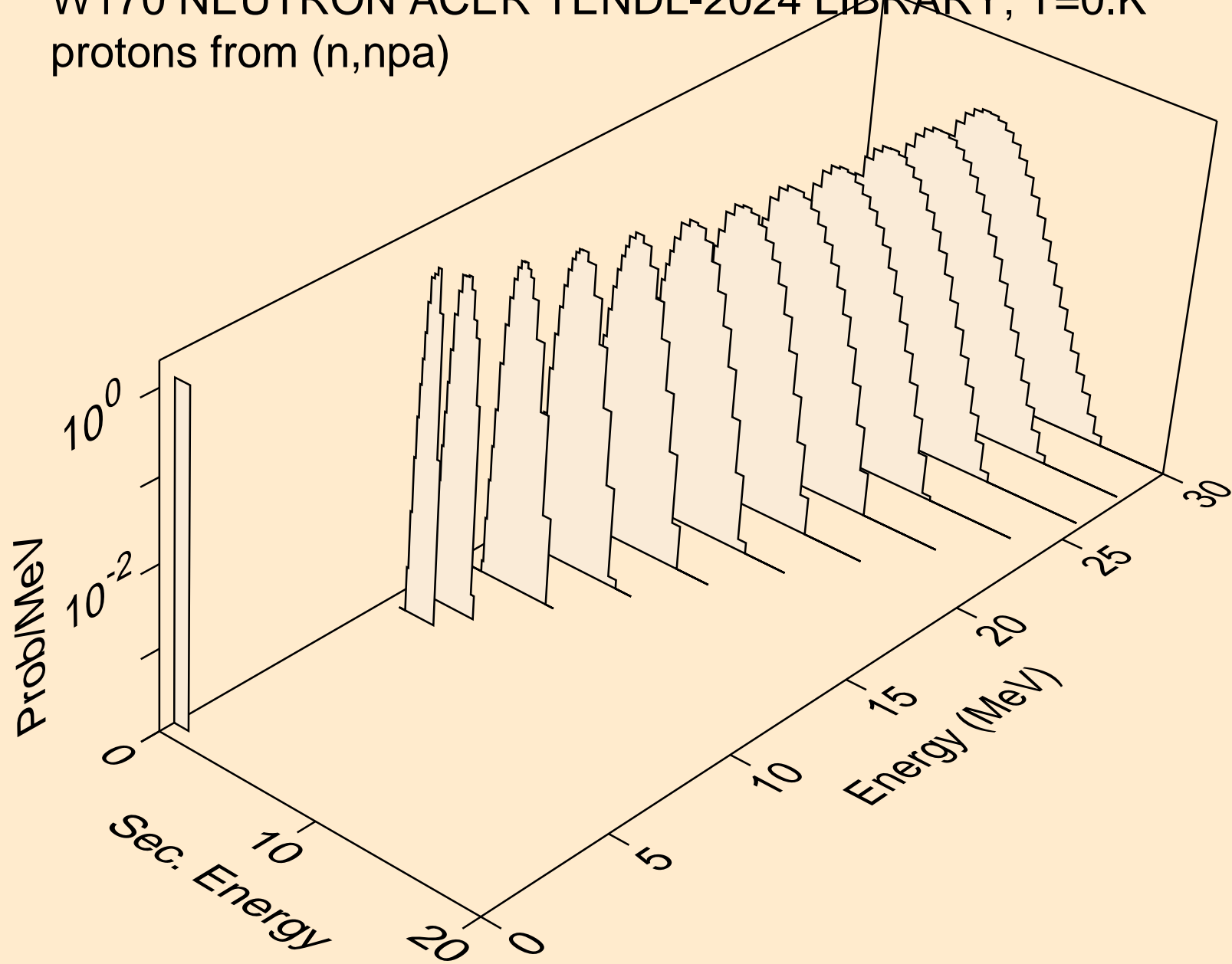
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protons from (n,3np)



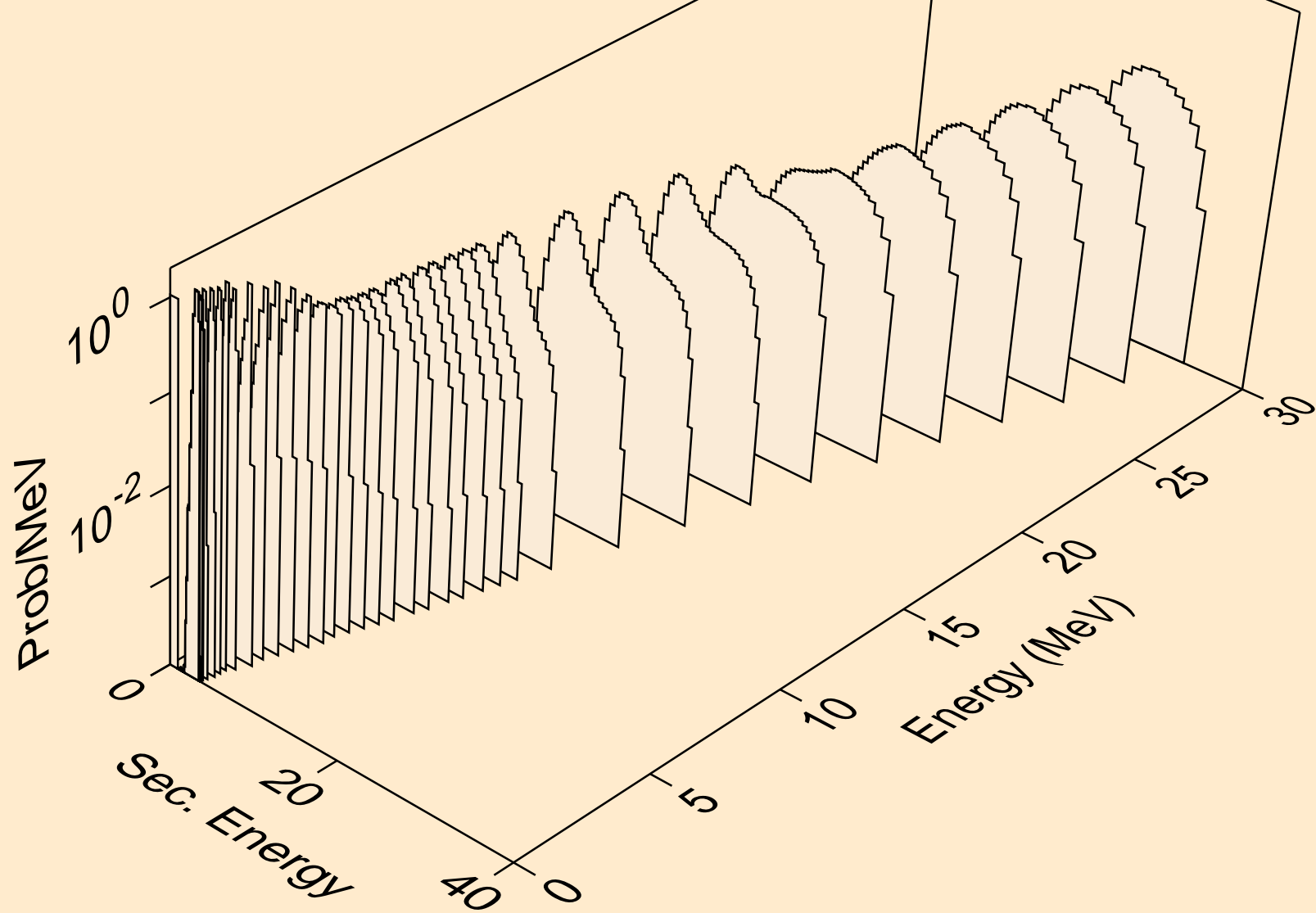
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protons from (n,n2p)



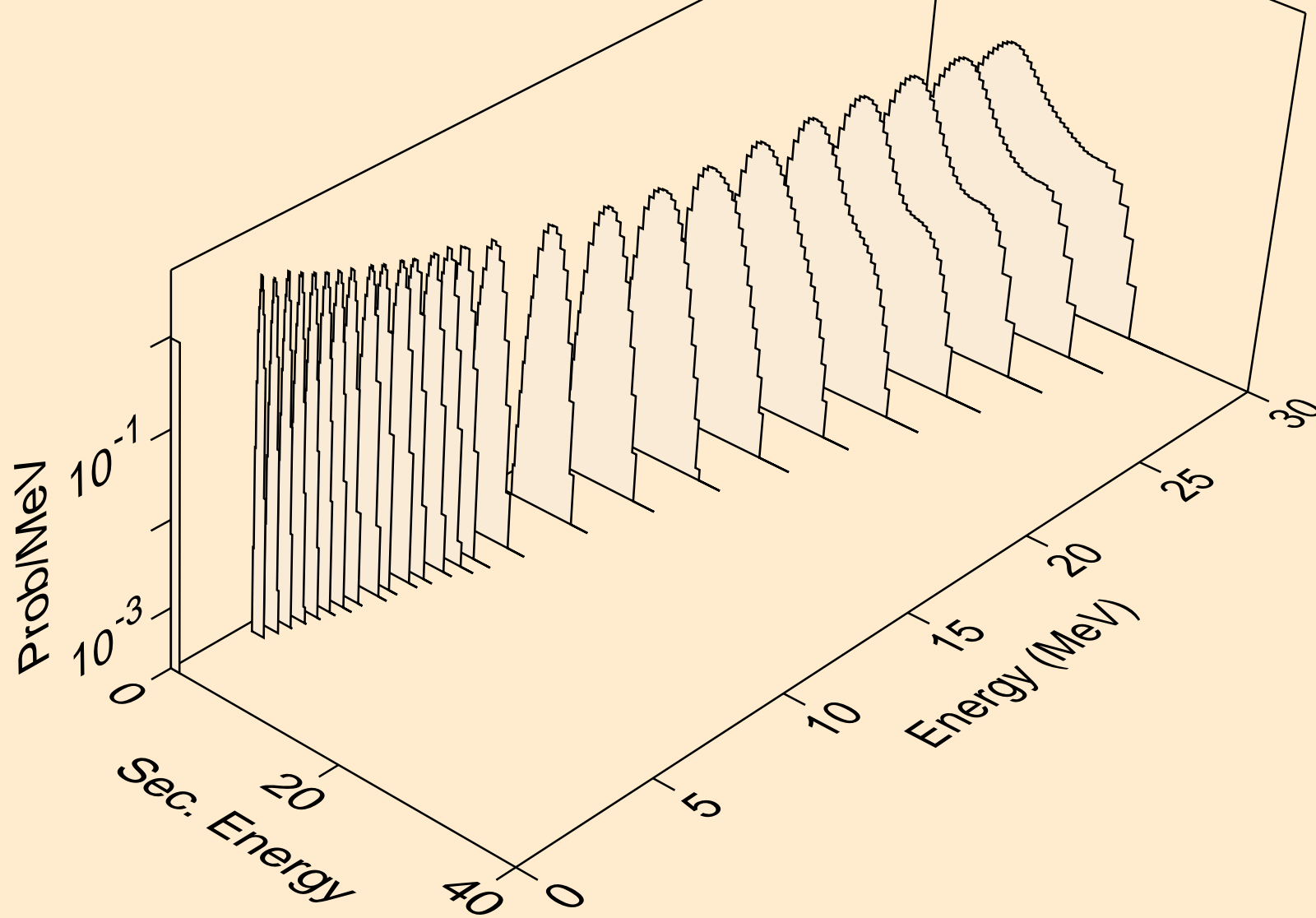
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protons from (n,npa)



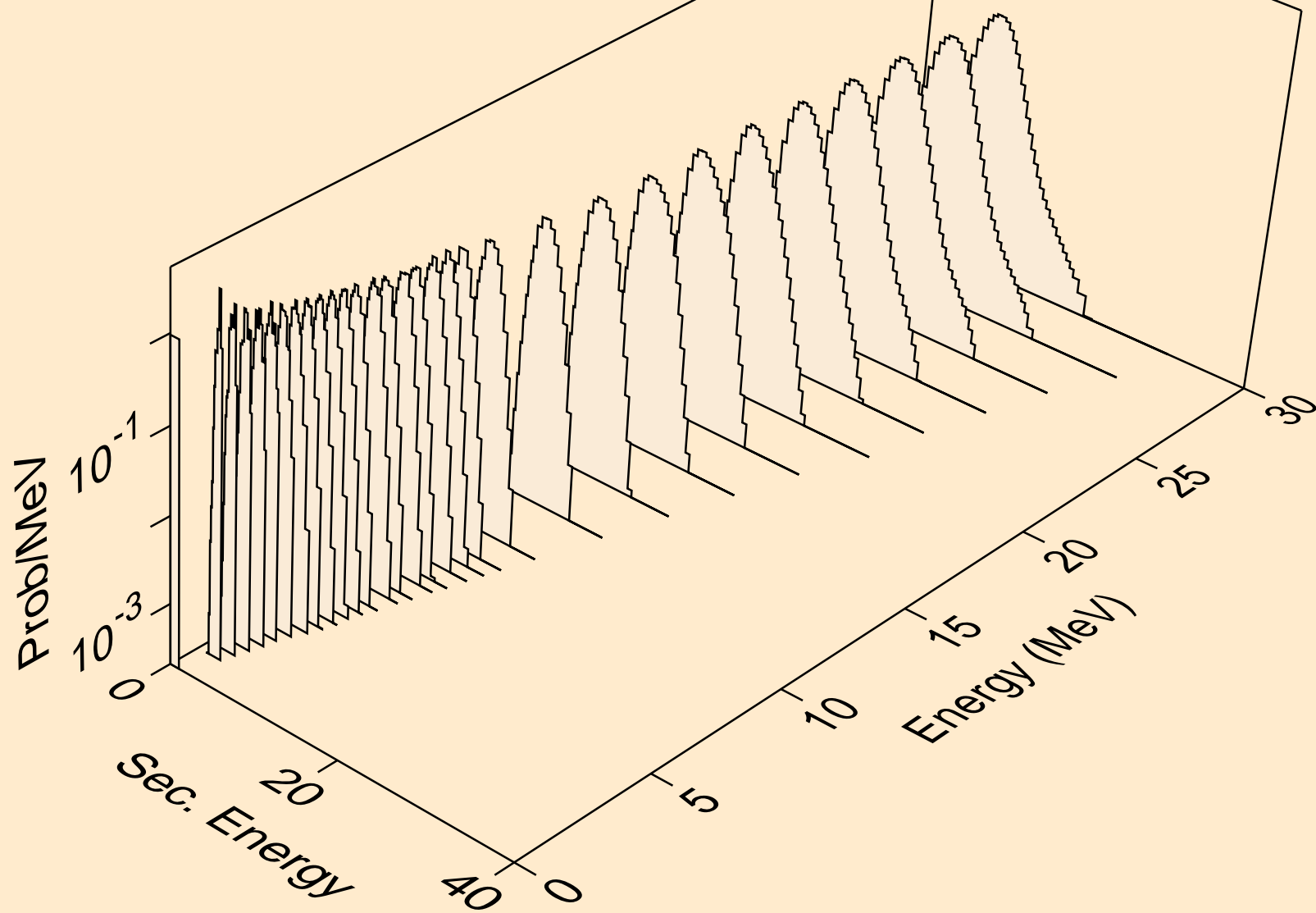
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protons from (n,p)



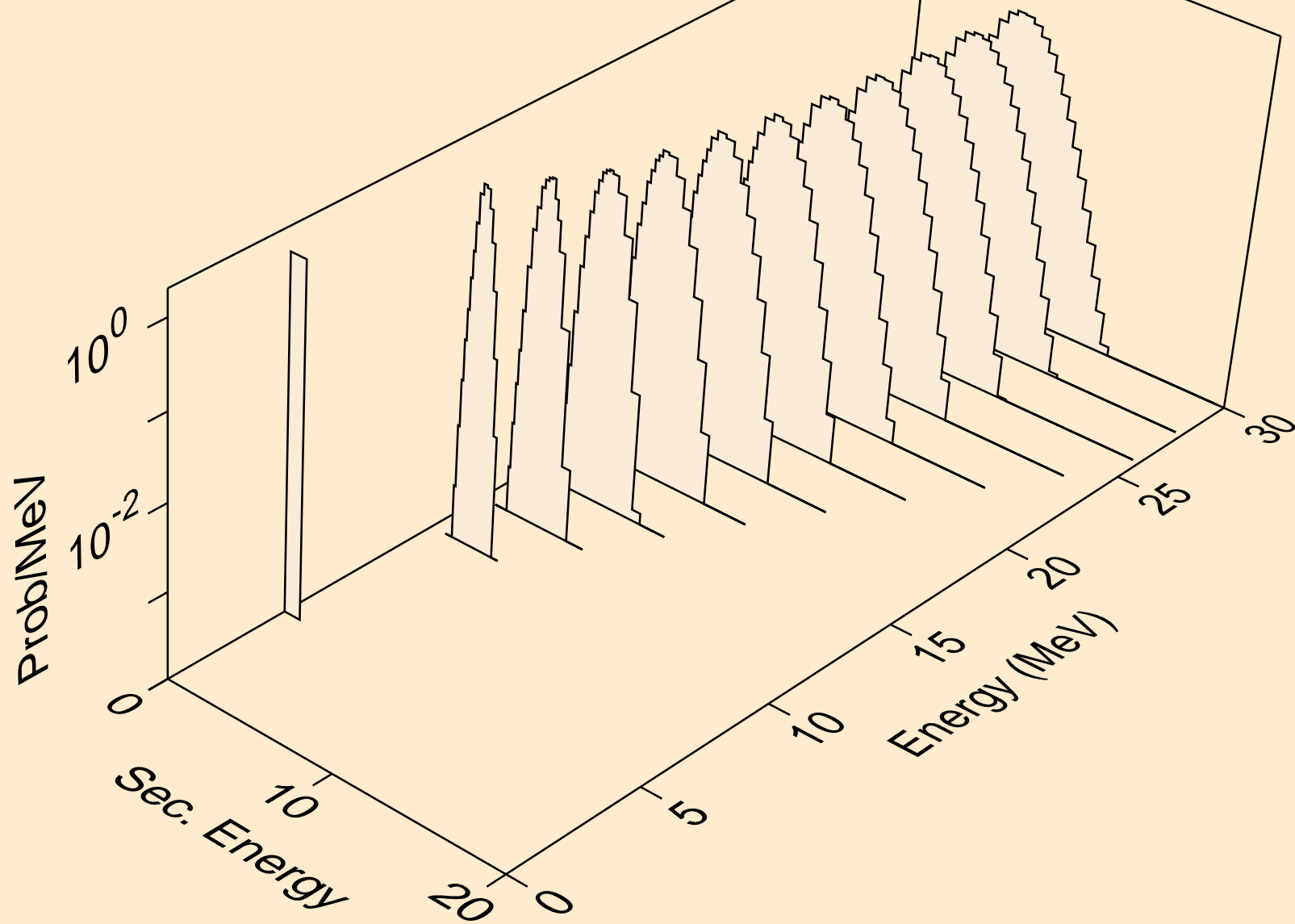
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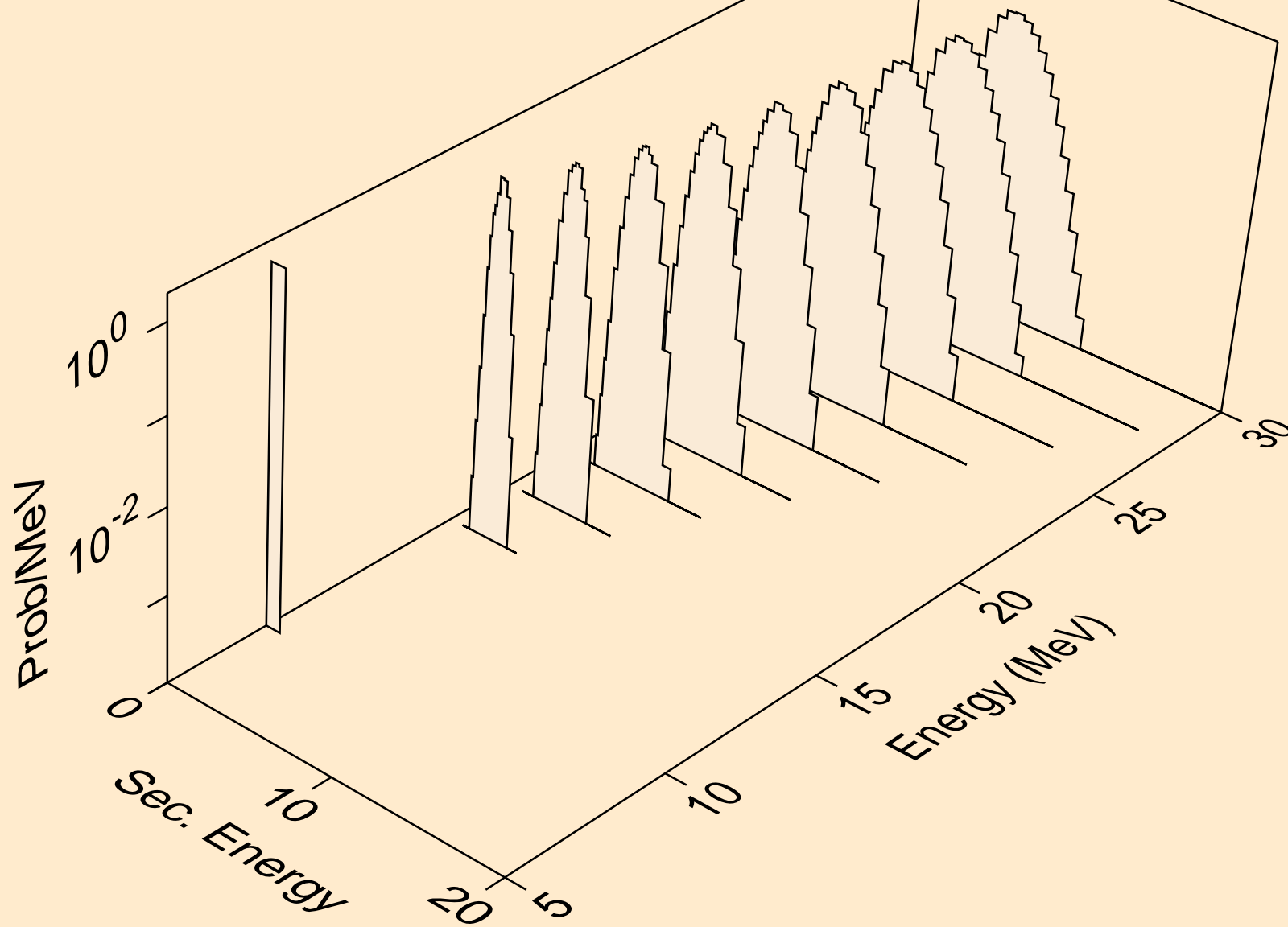
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protons from (n,p)



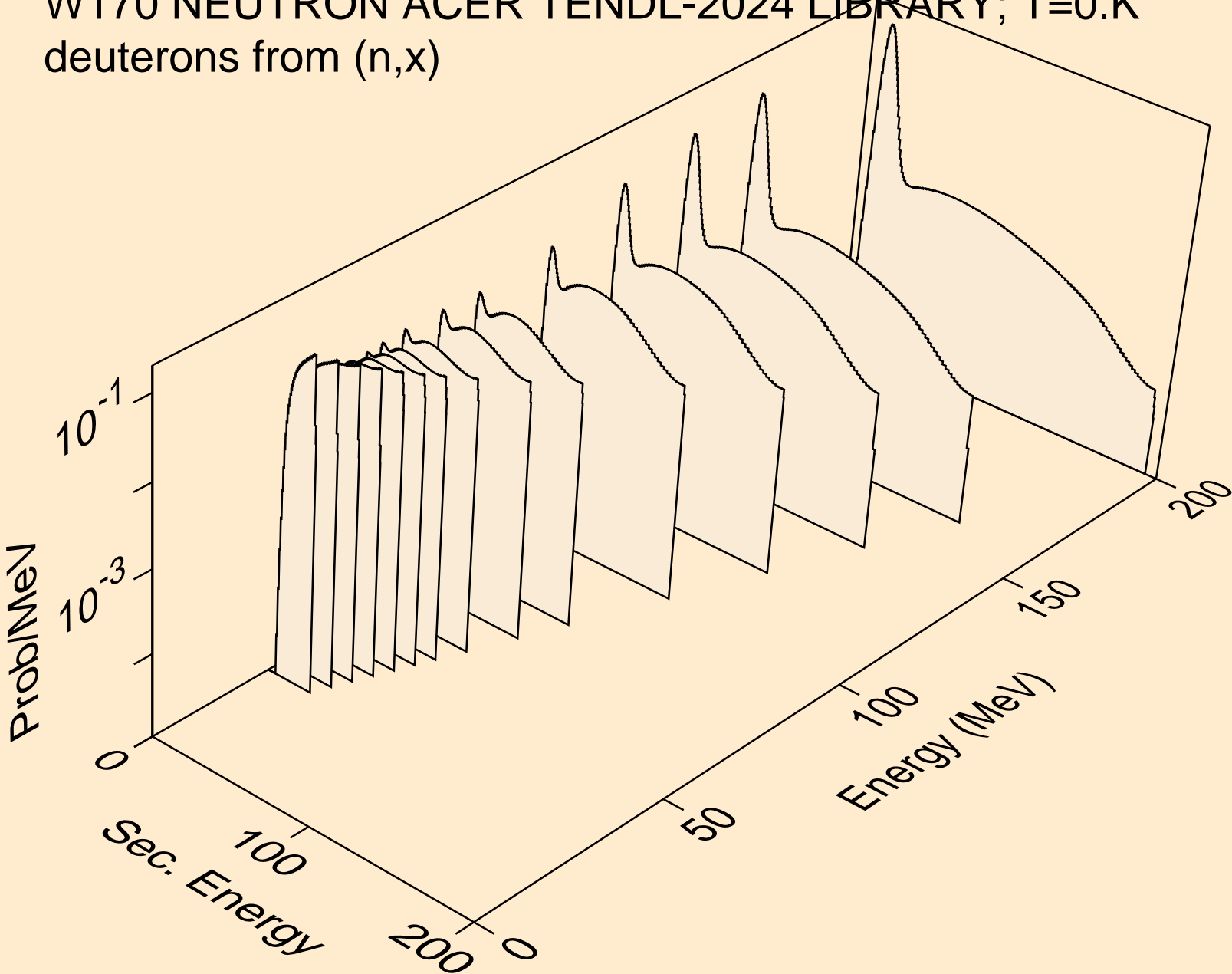
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protons from (n,pd)



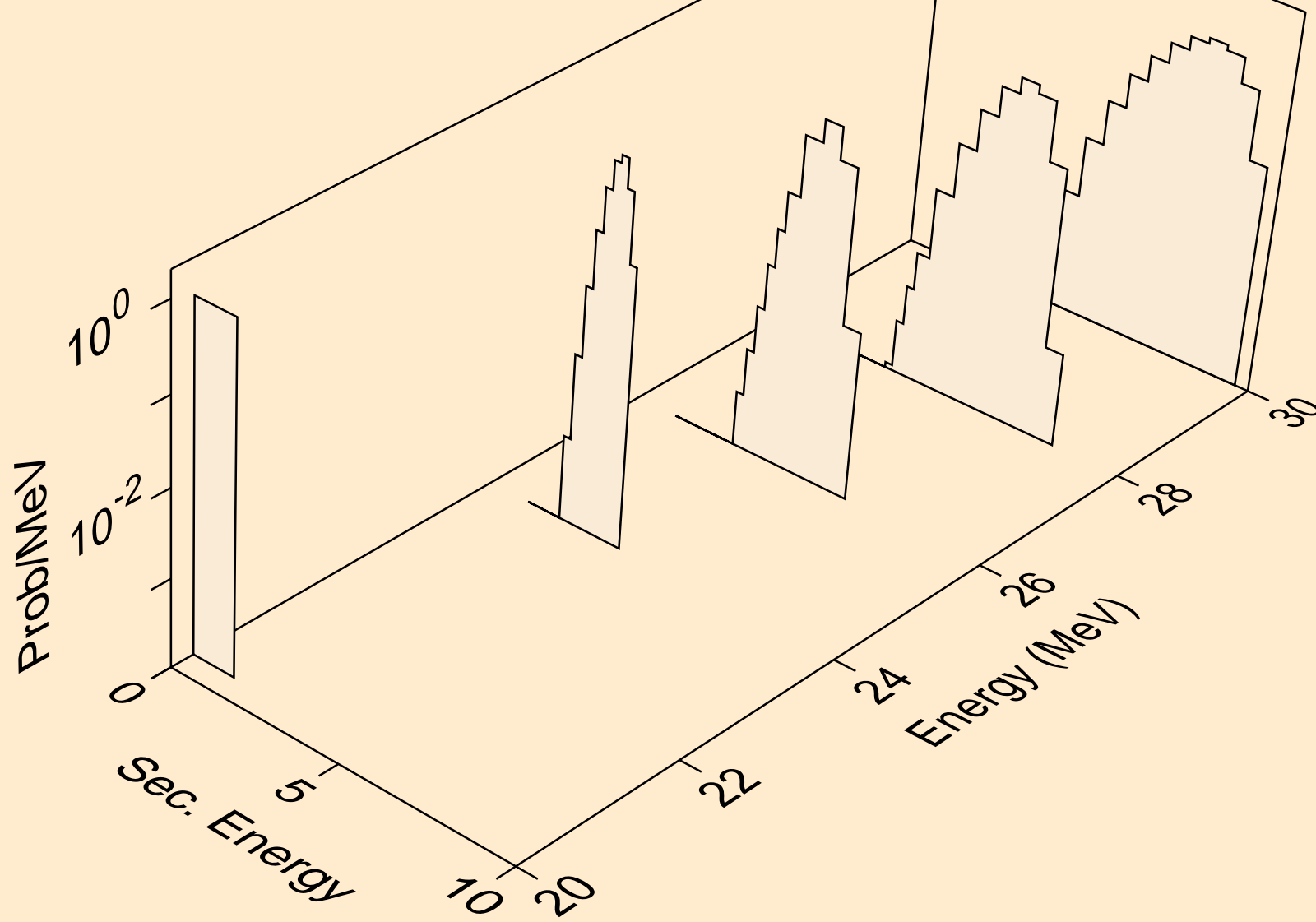
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protons from (n,pt)



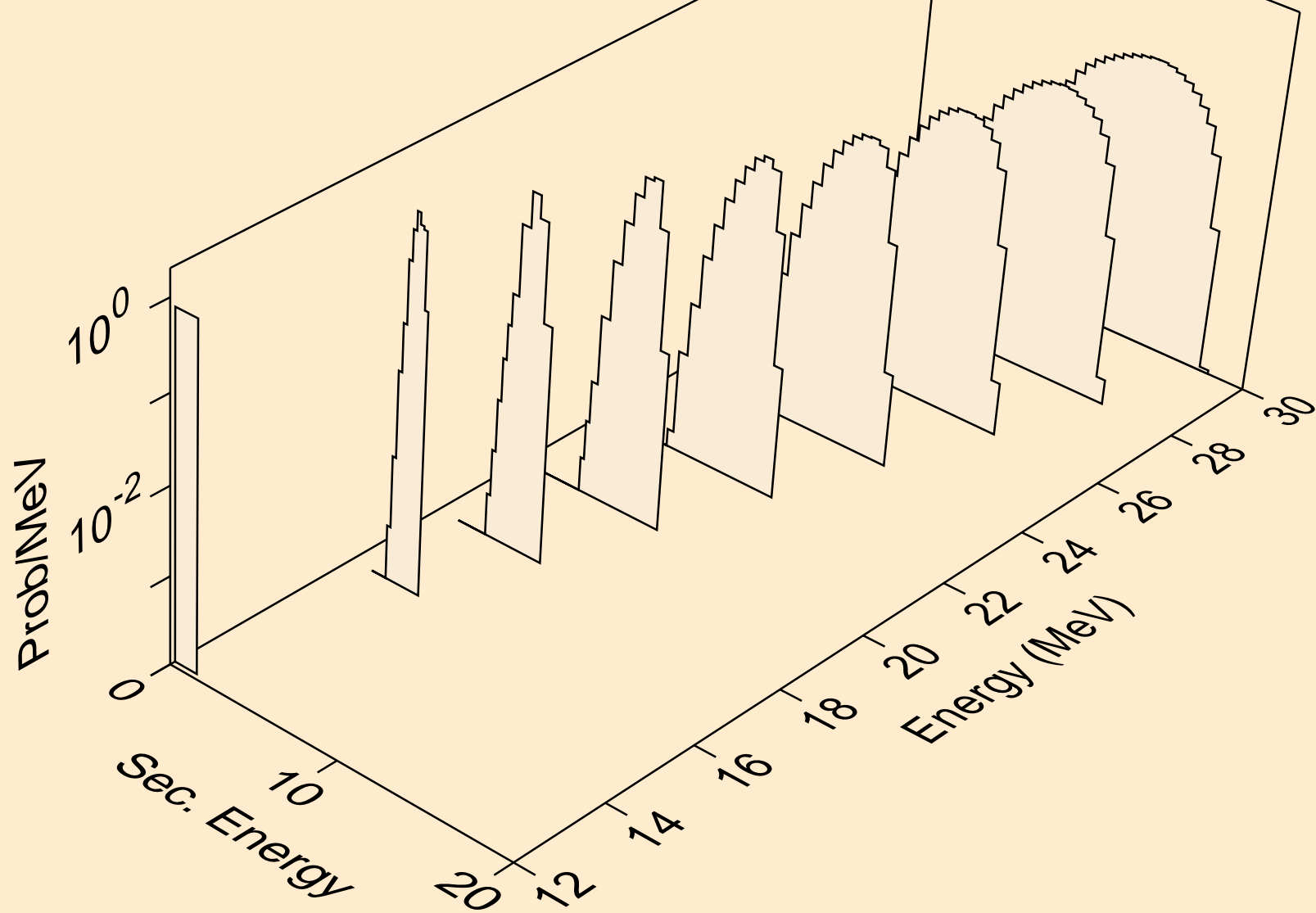
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



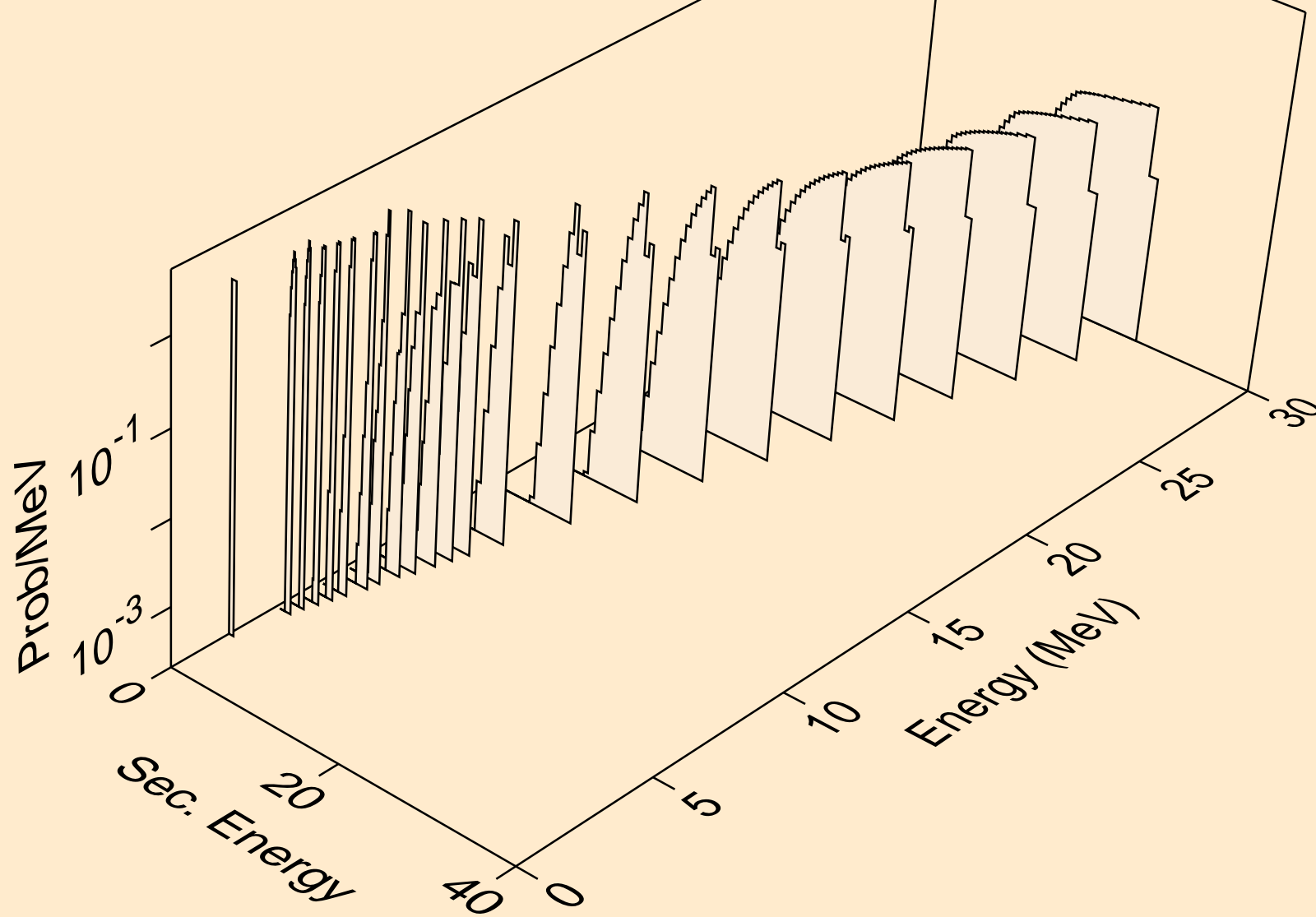
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deuterons from (n,2nd)



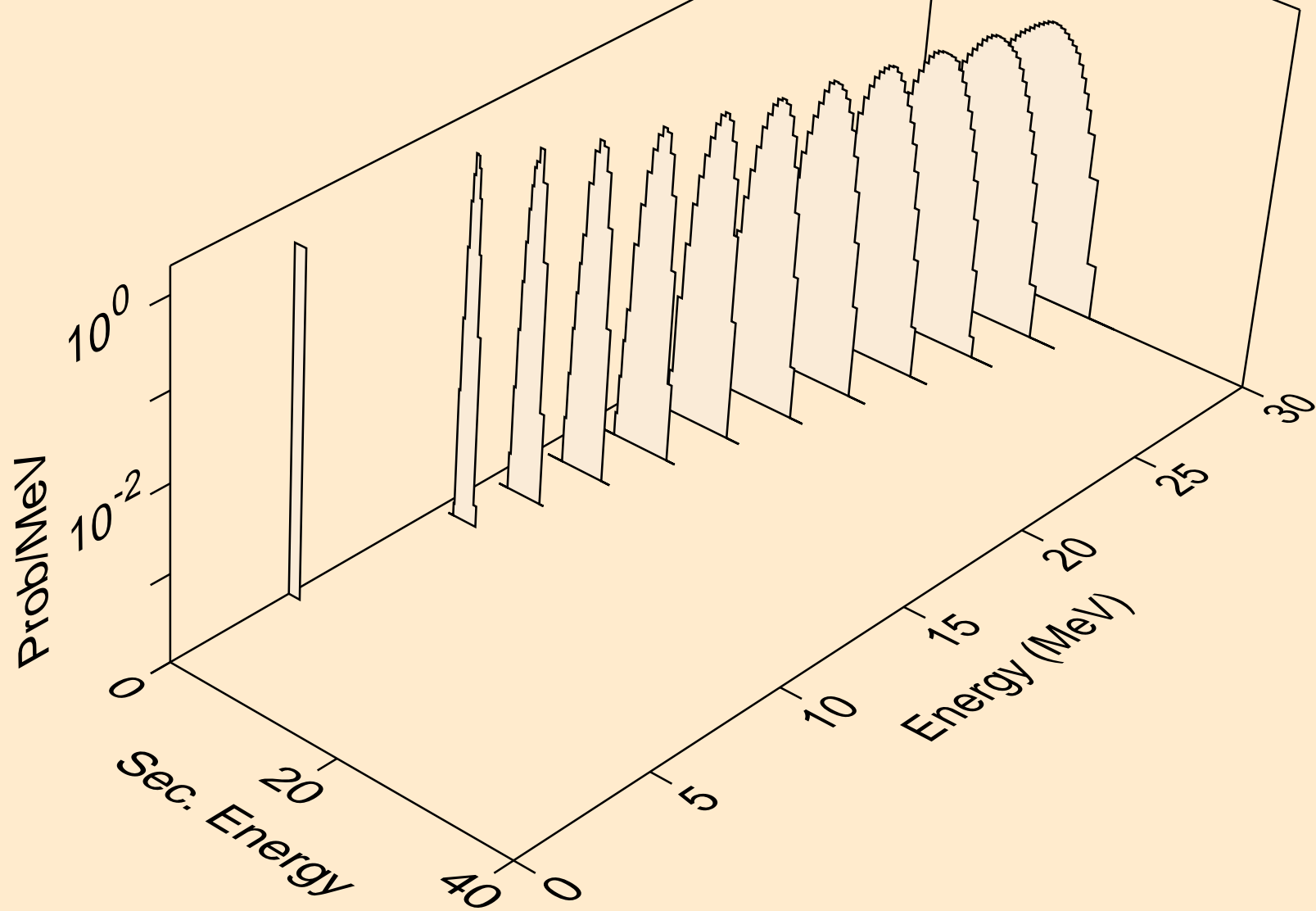
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deuterons from (n,n\*)d



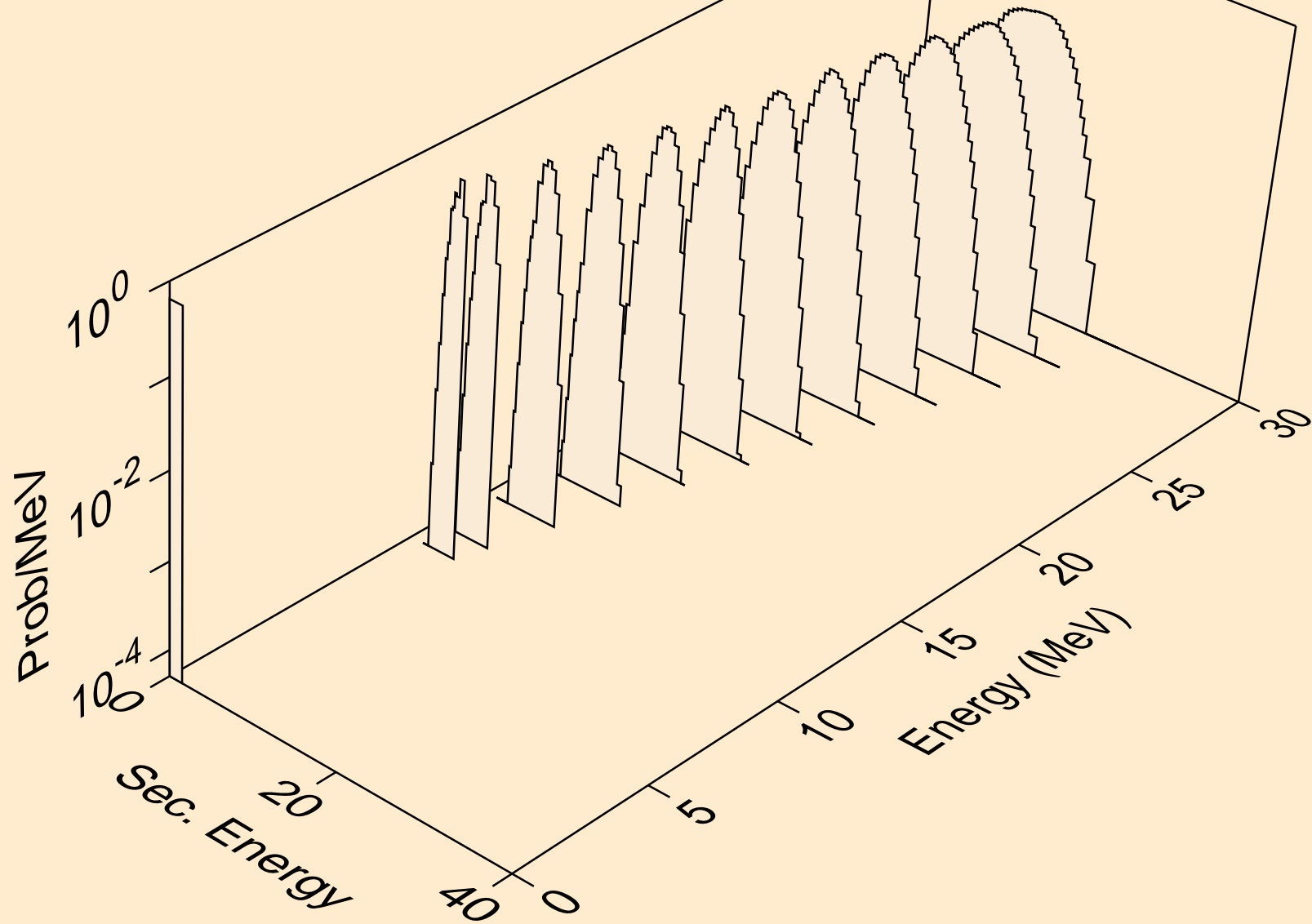
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deuterons from (n,d)



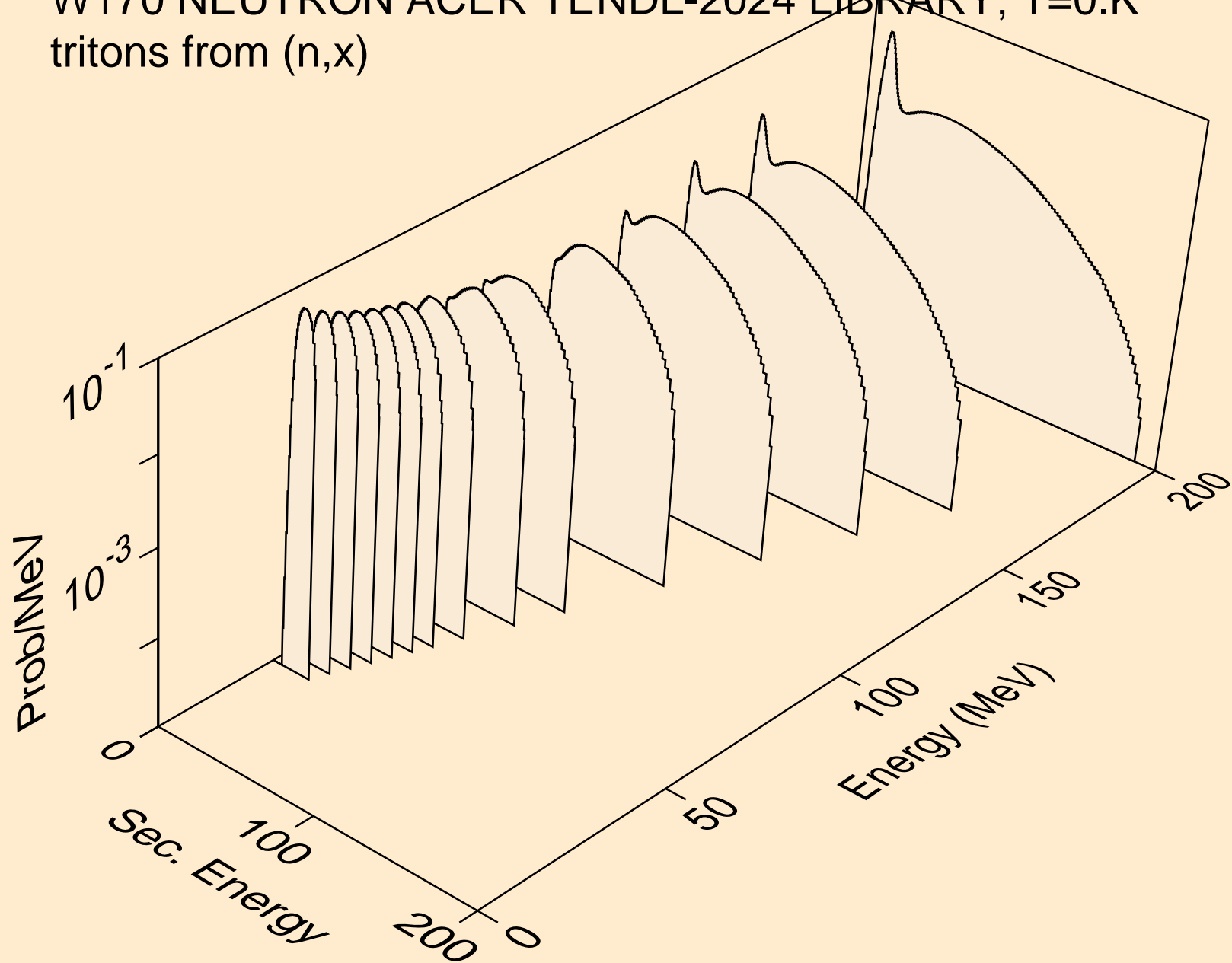
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



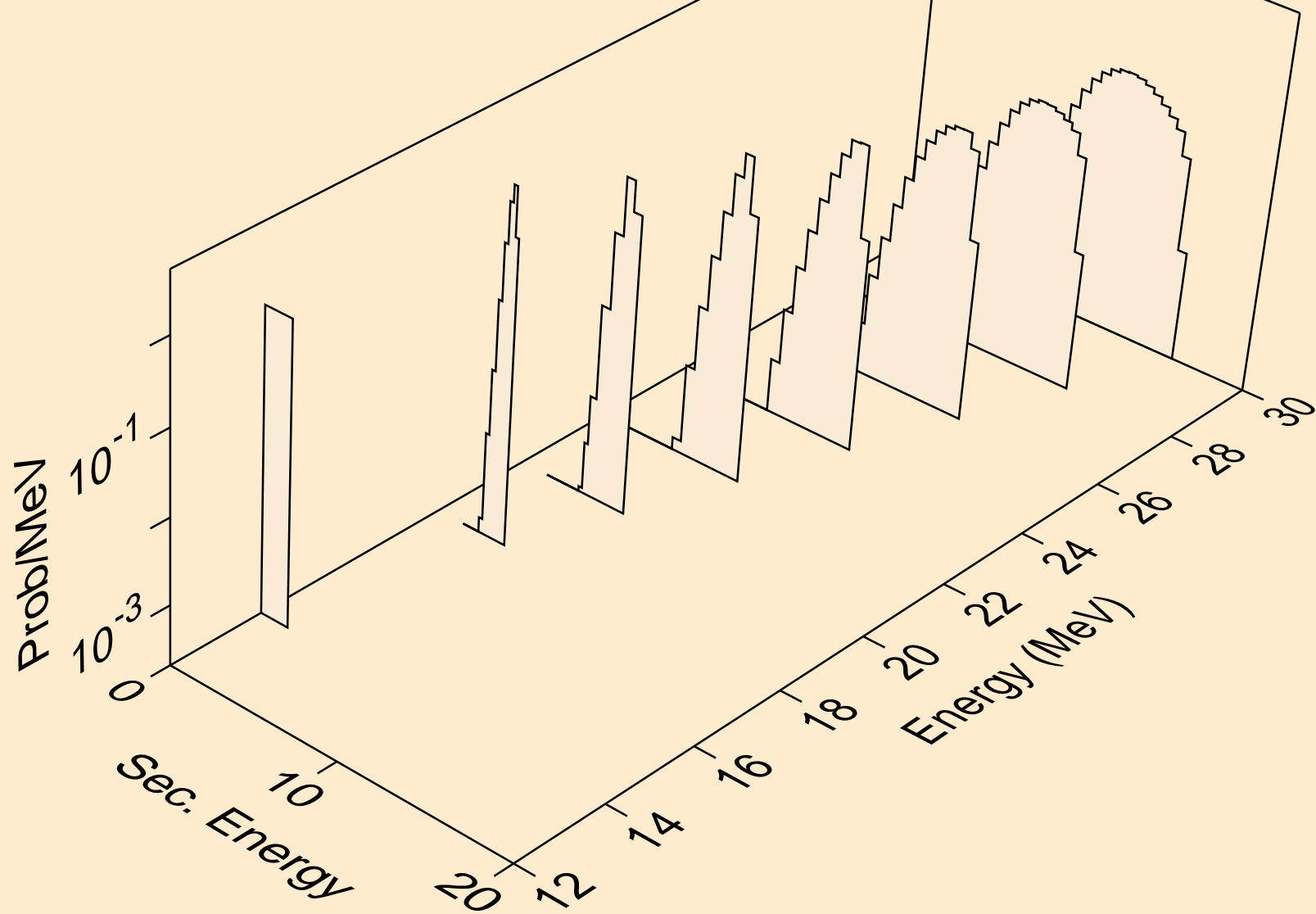
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



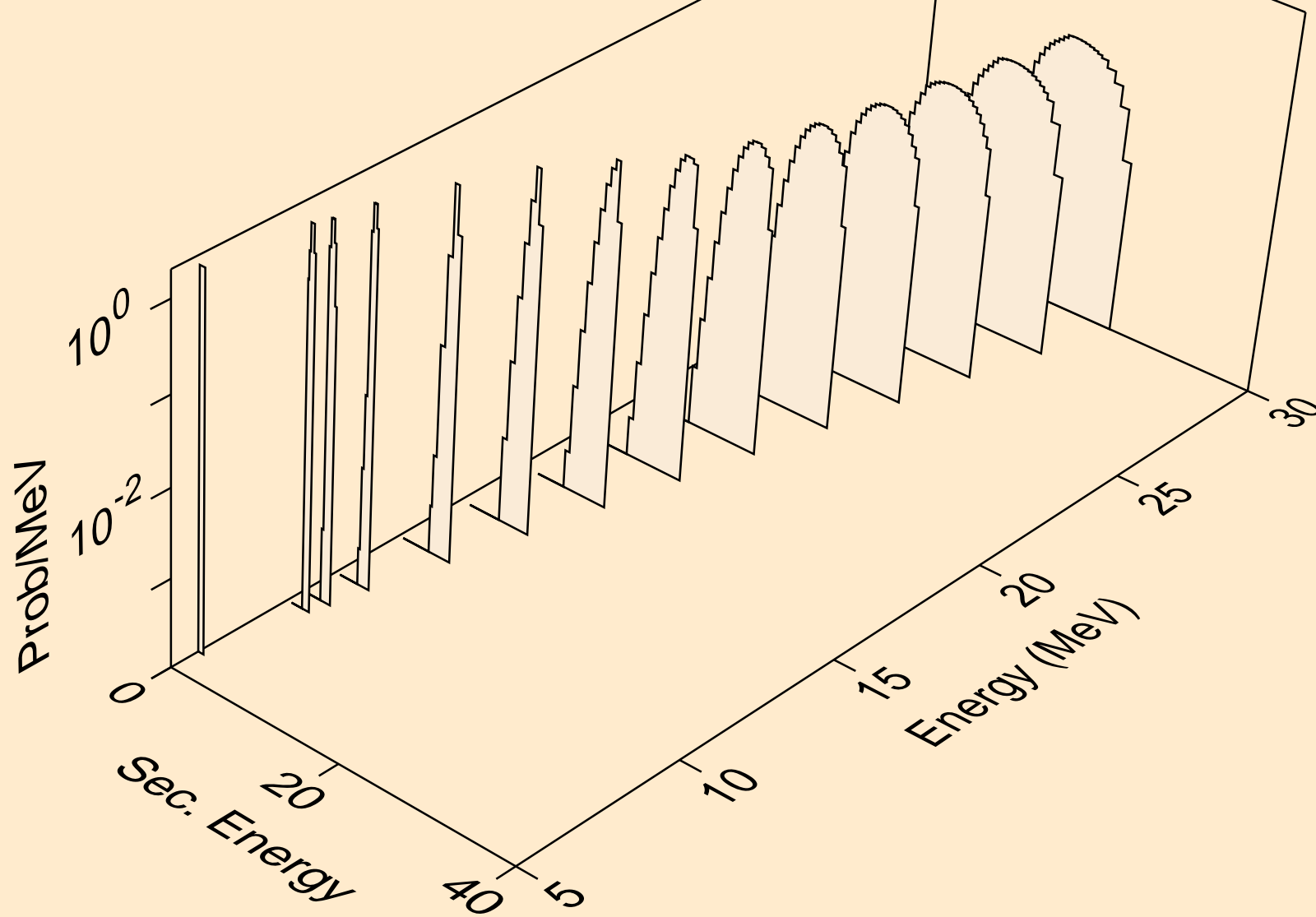
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tritons from (n,x)



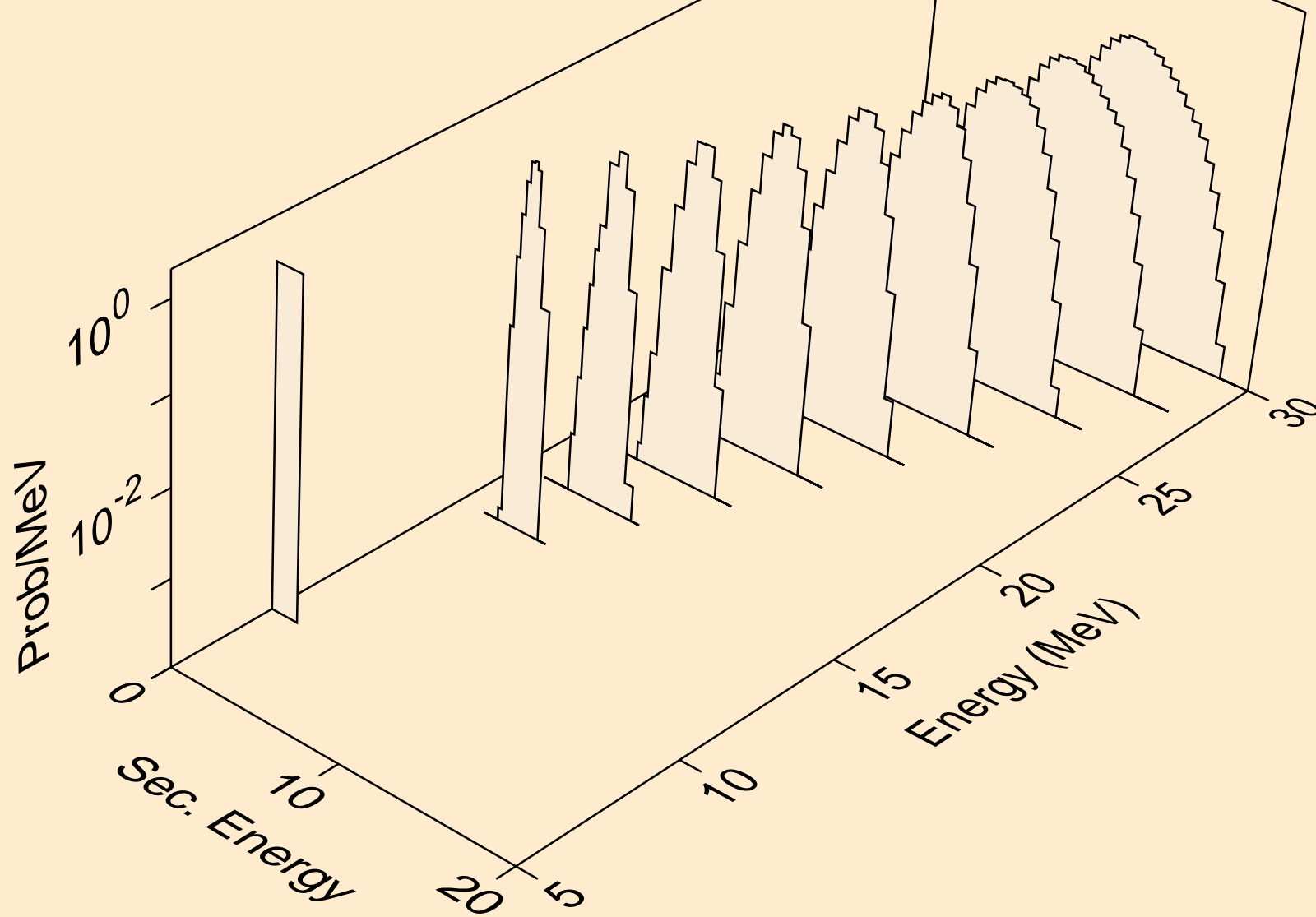
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tritons from (n,n\*)t



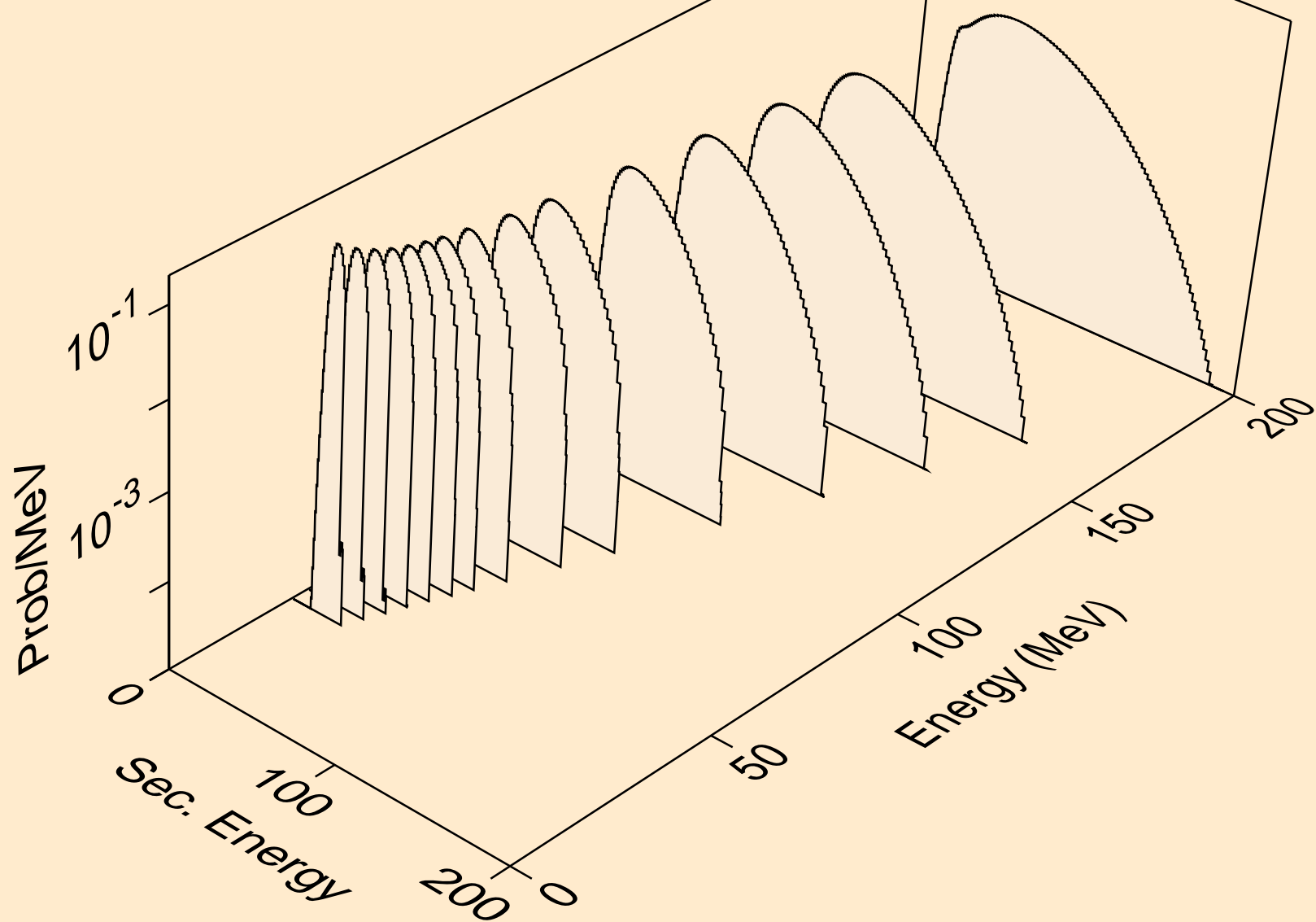
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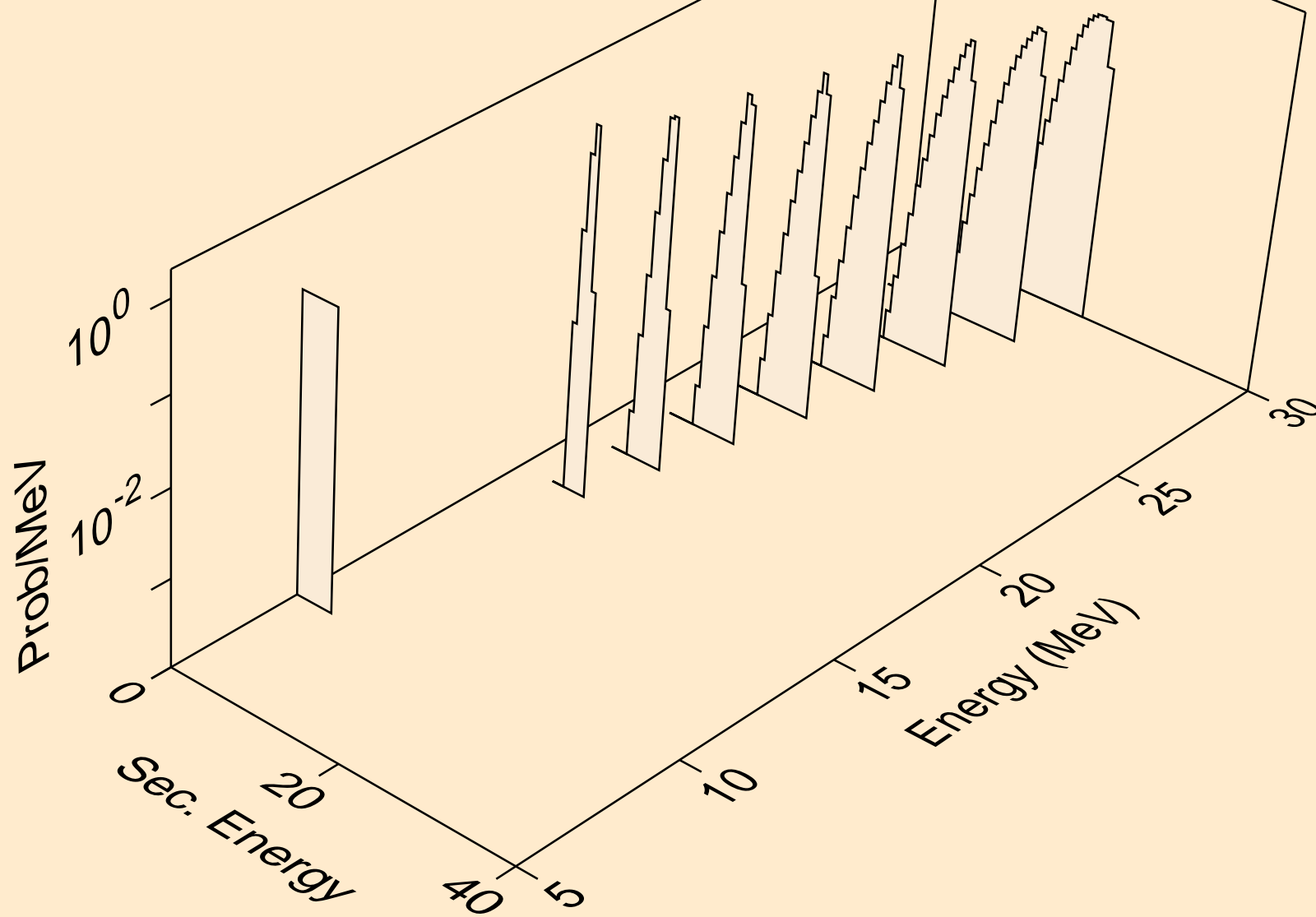
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



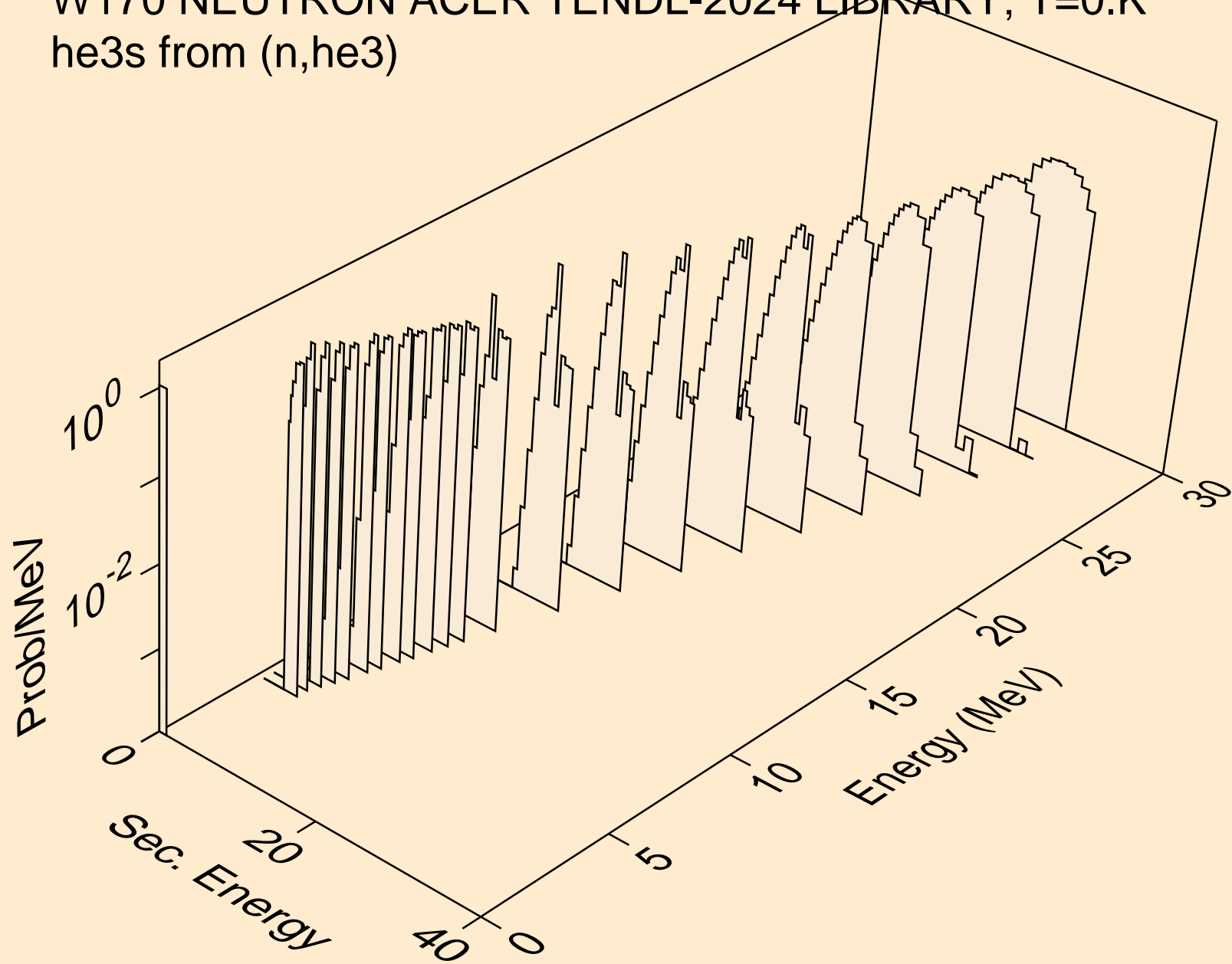
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



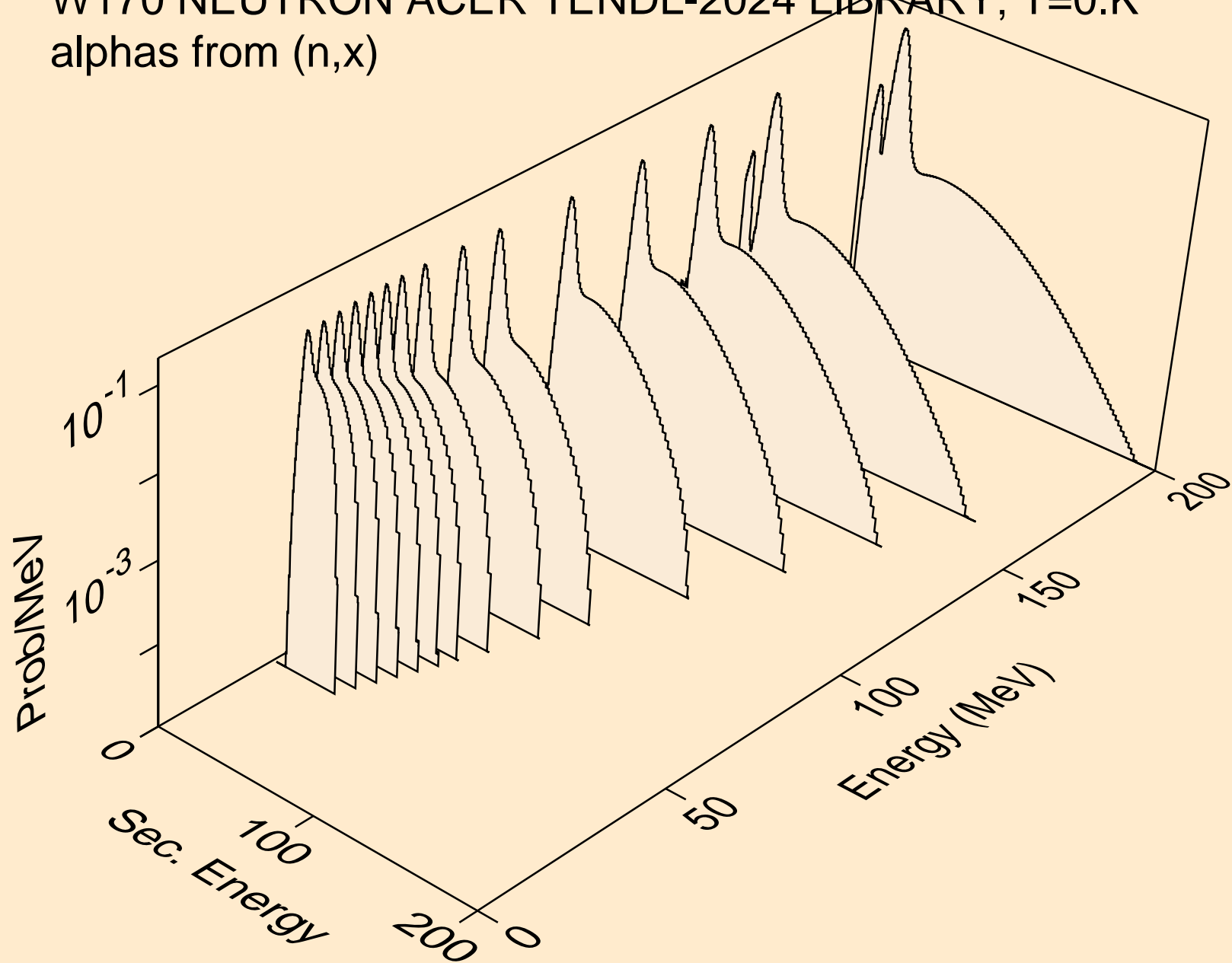
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



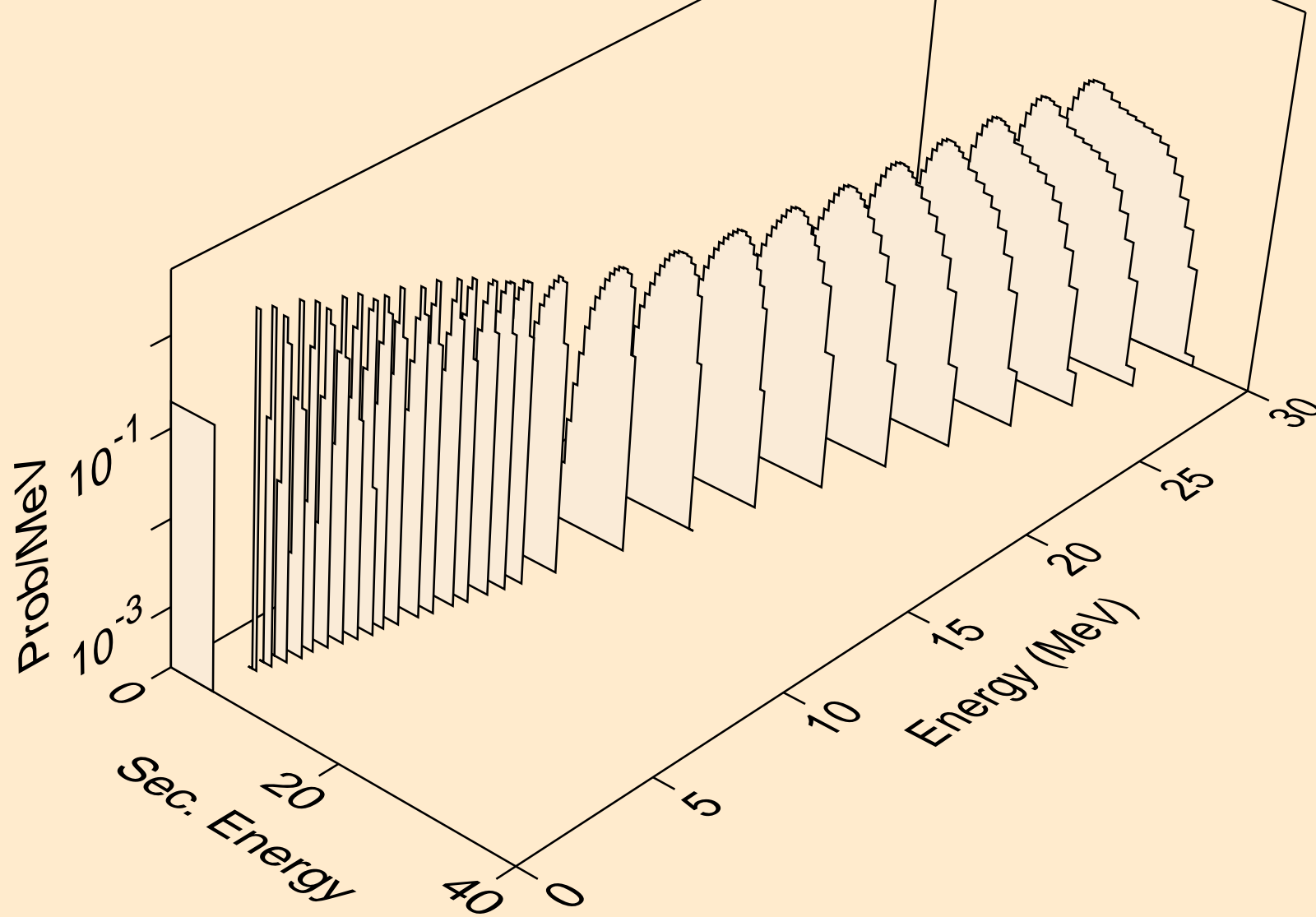
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he3s from (n,he3)



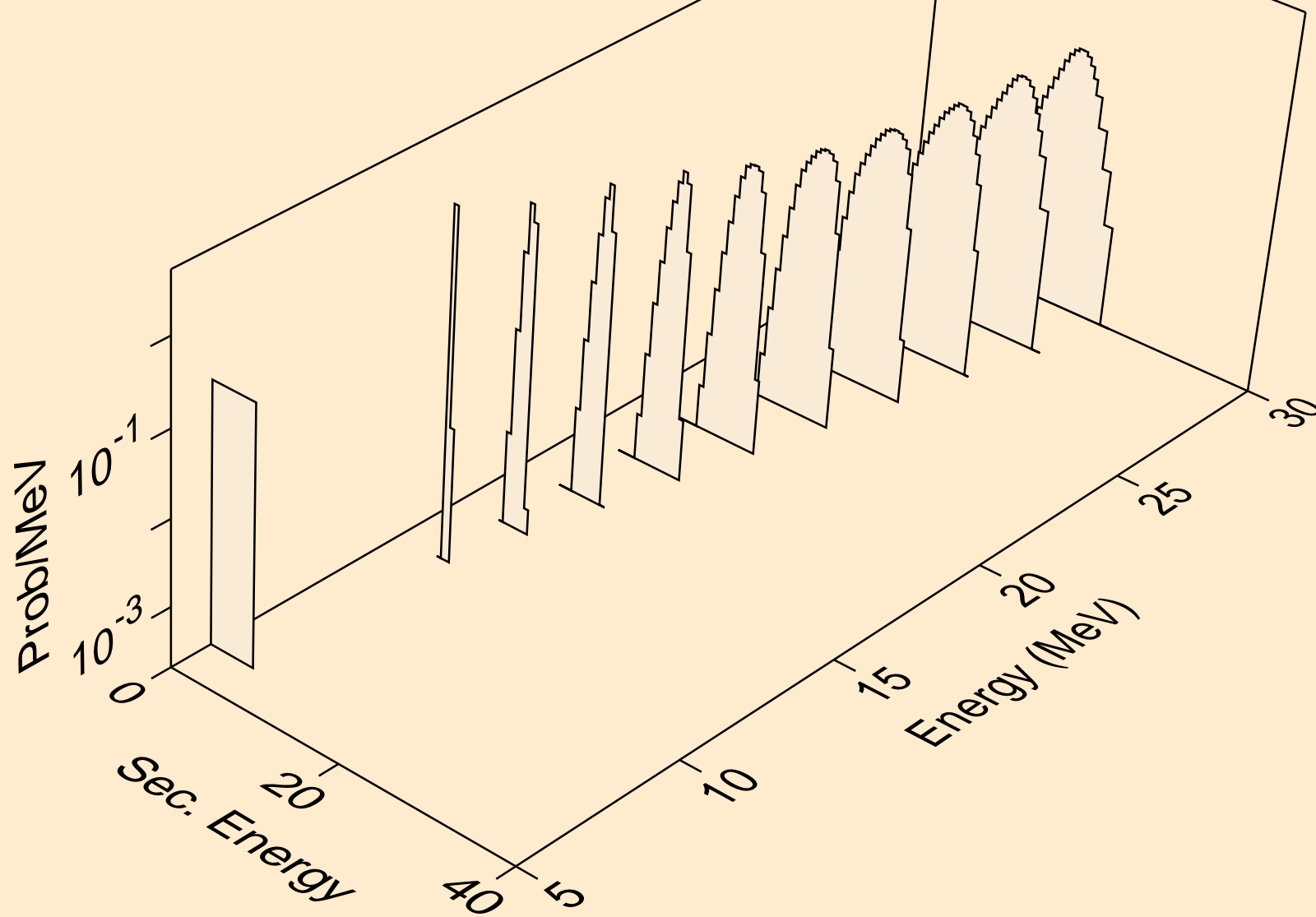
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



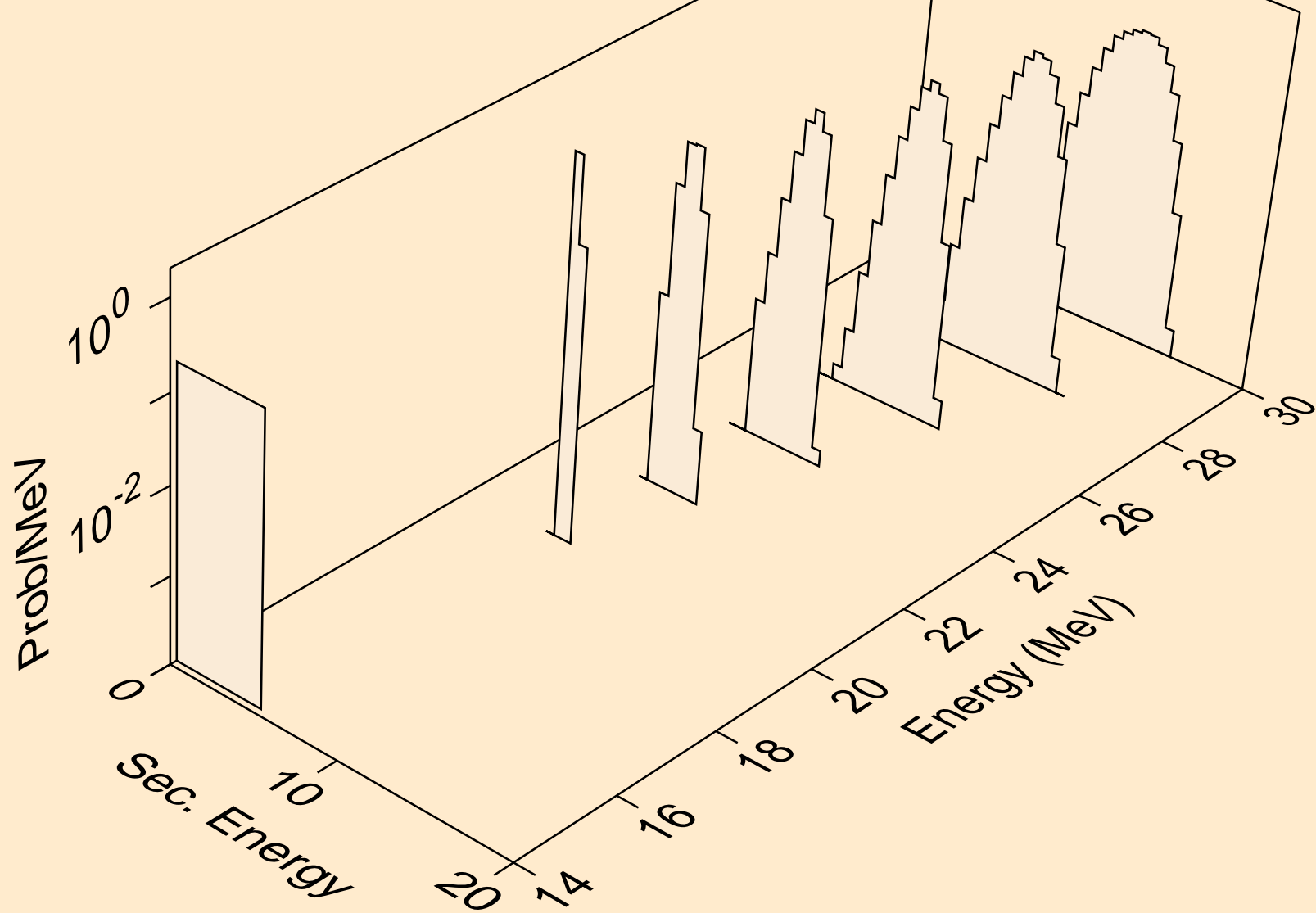
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



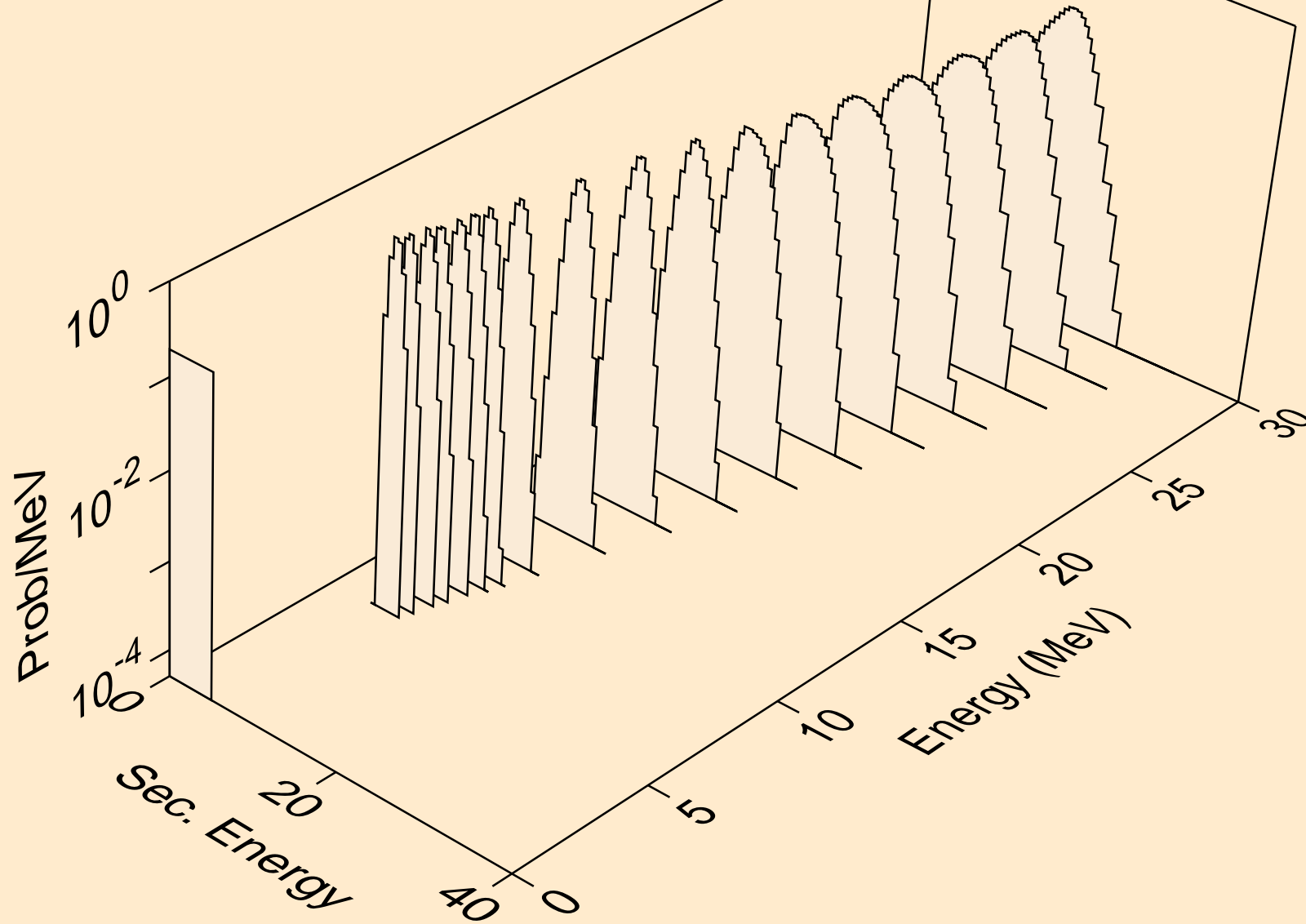
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alphas from (n,2n)a



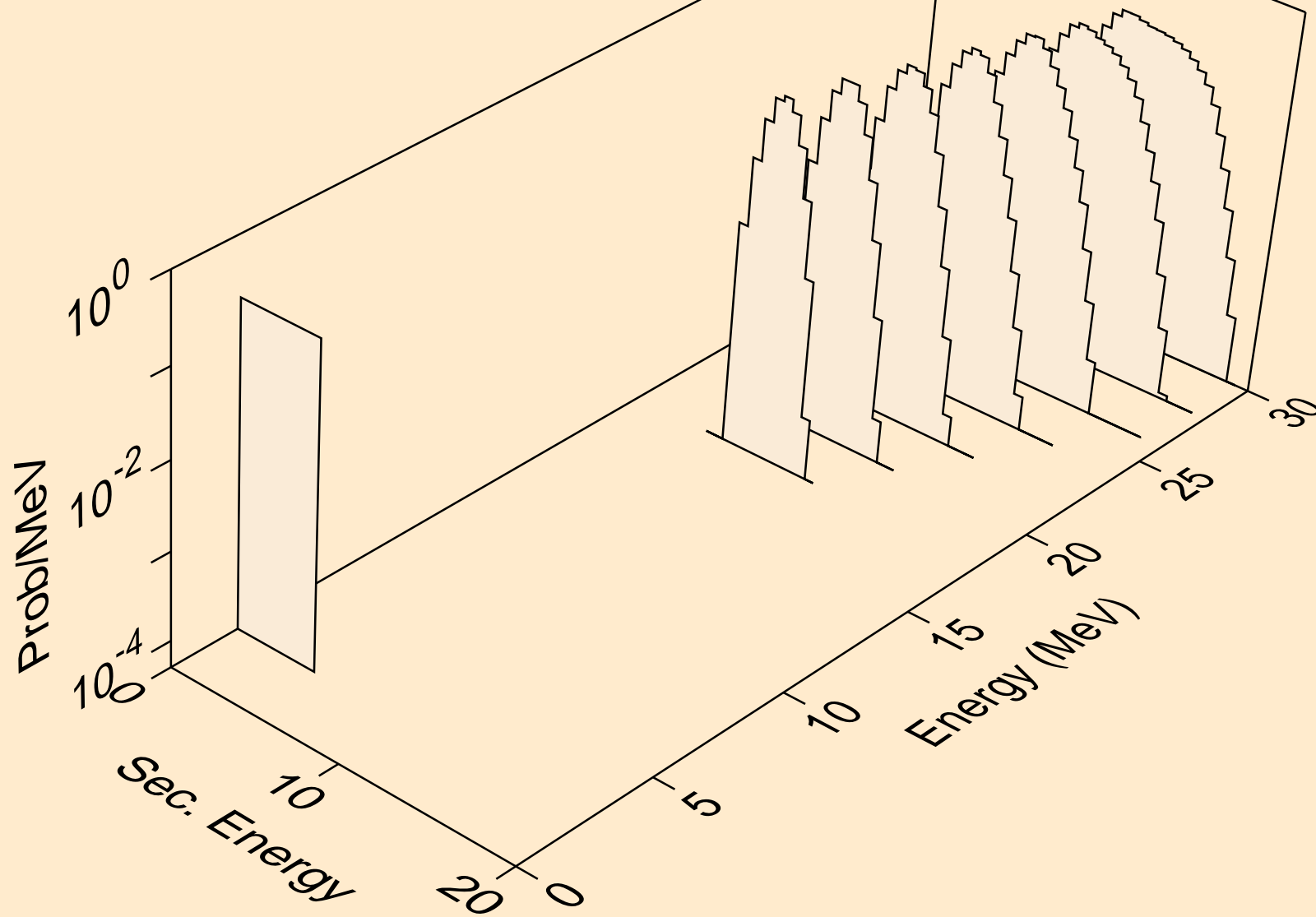
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



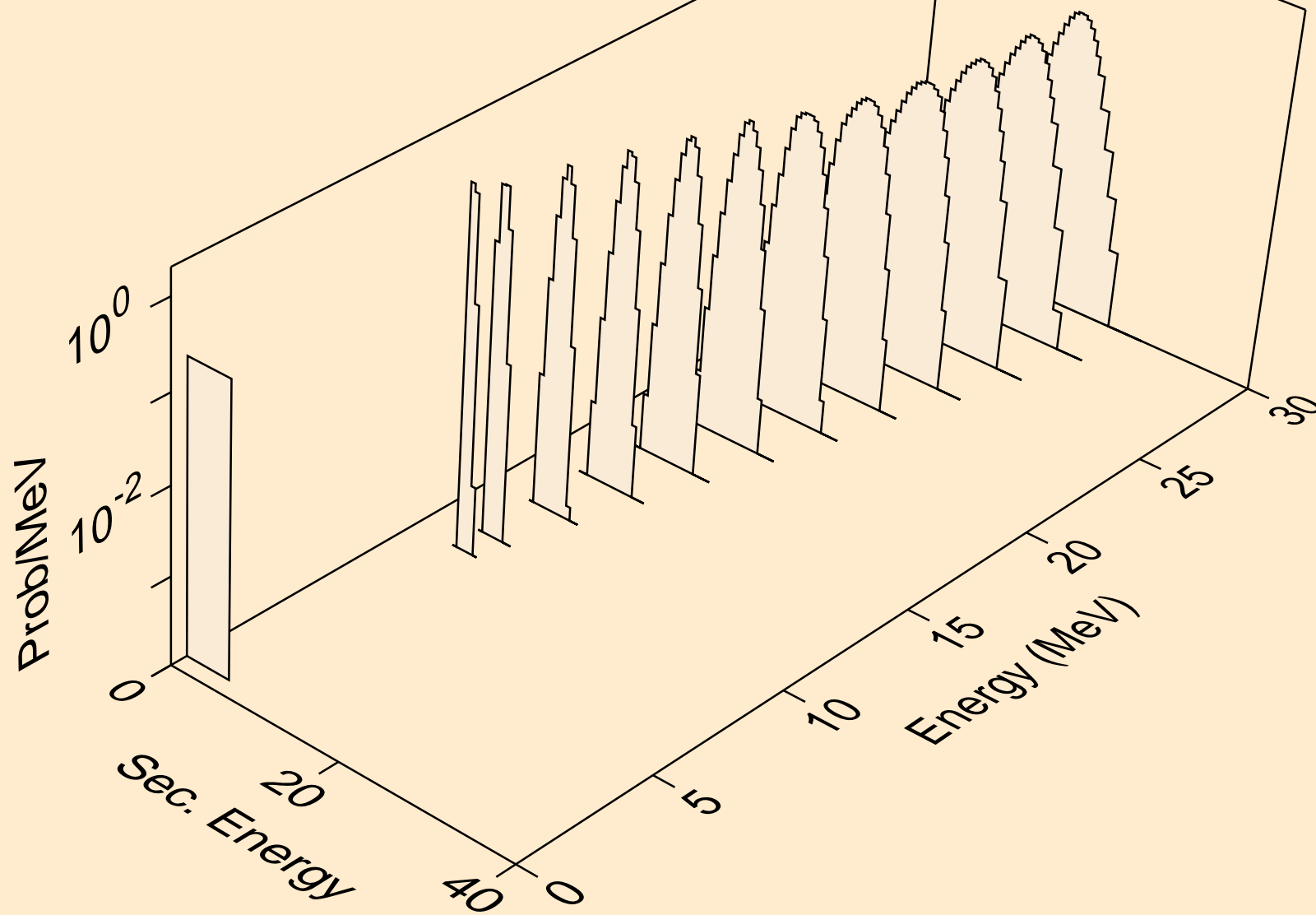
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alphas from (n,n\*)2a



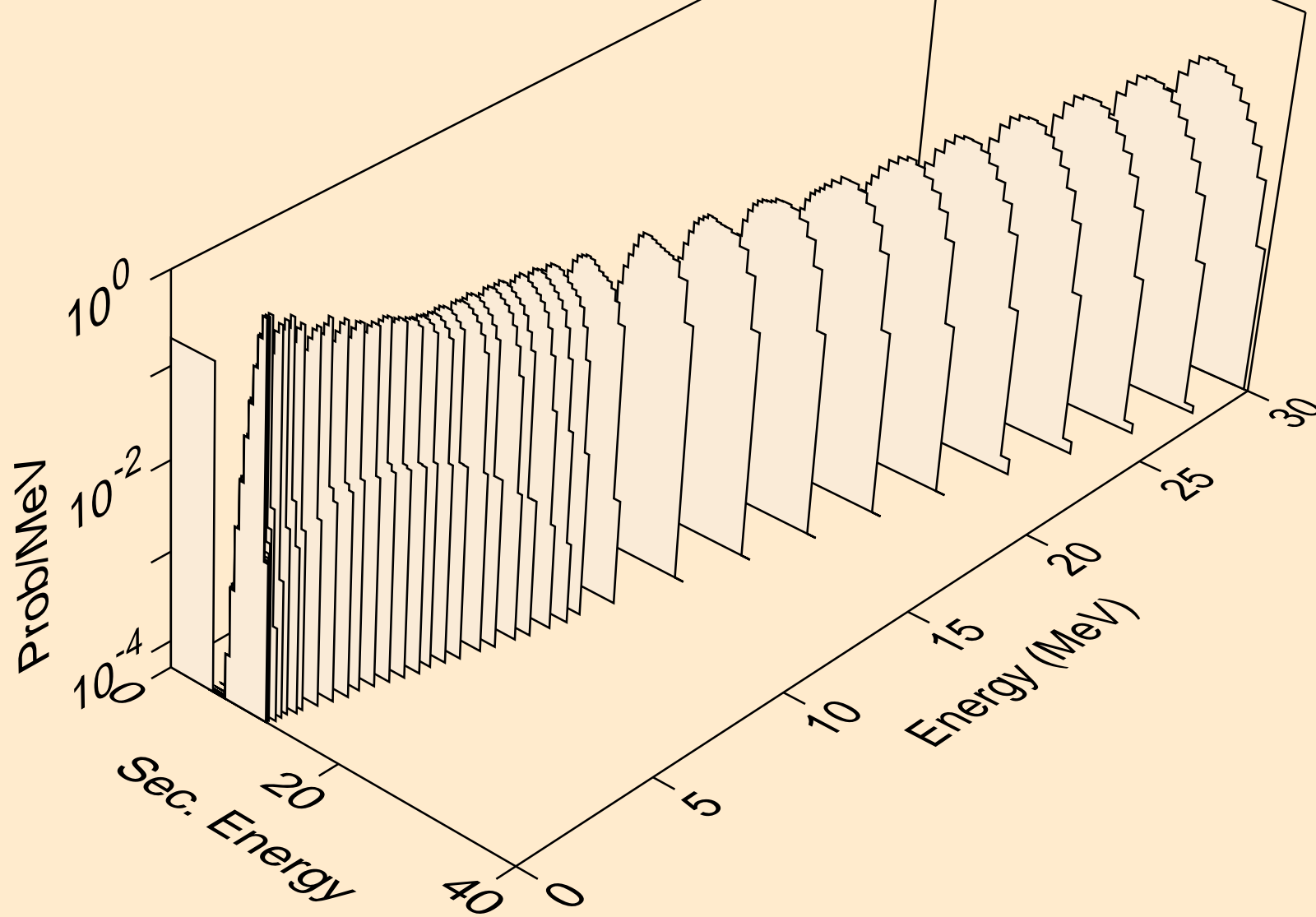
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alphas from (n,2n)2a



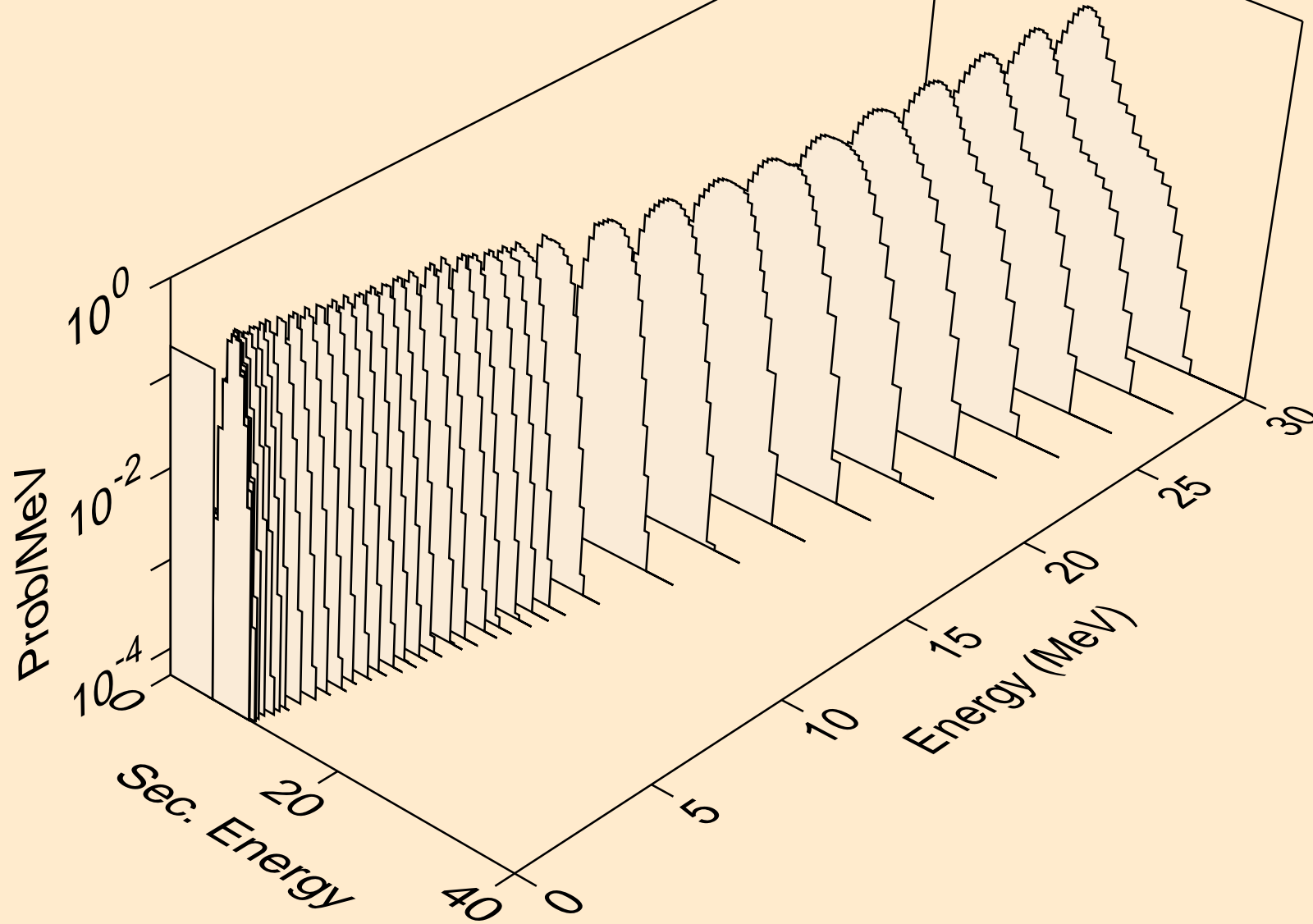
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



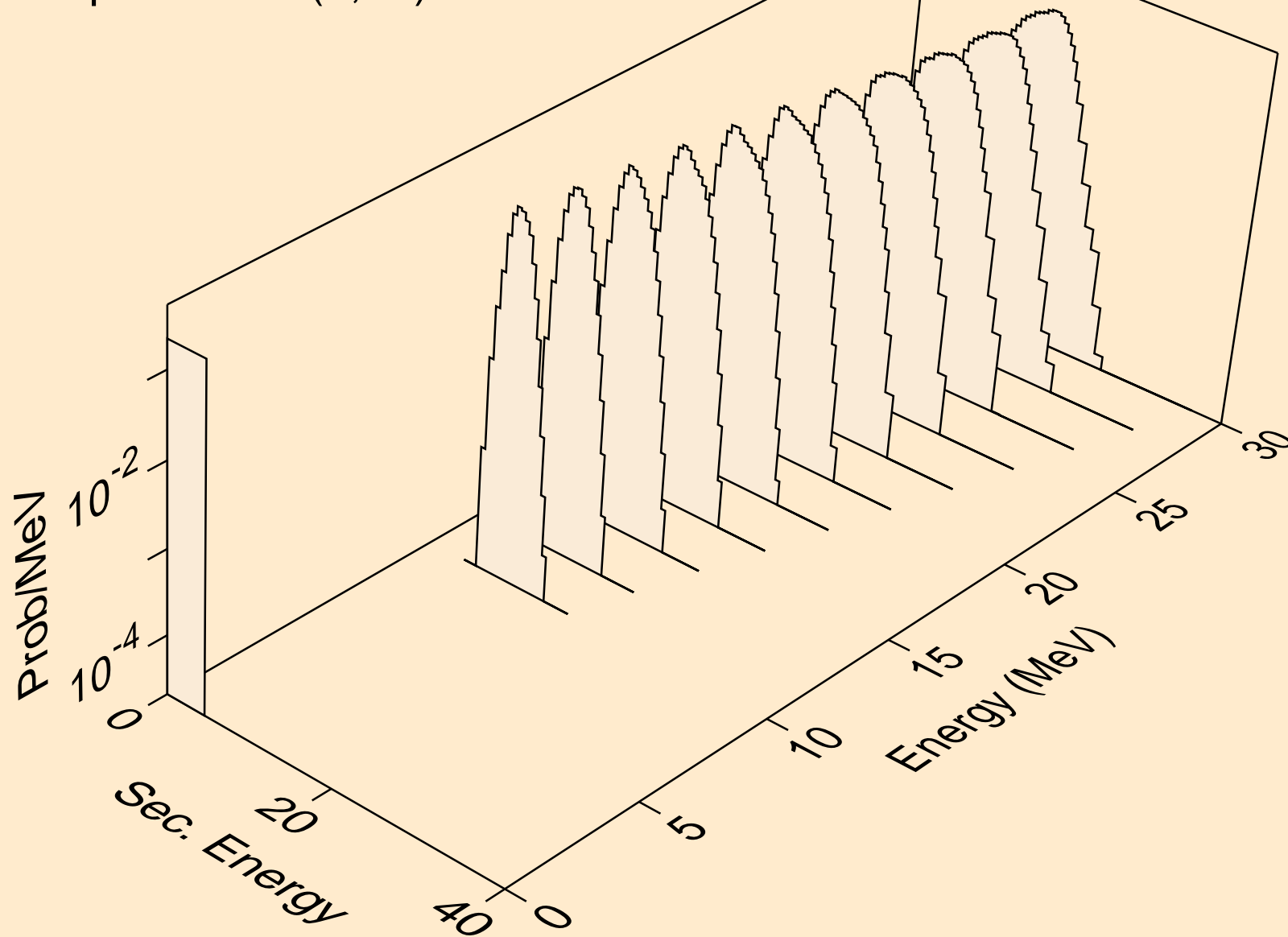
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



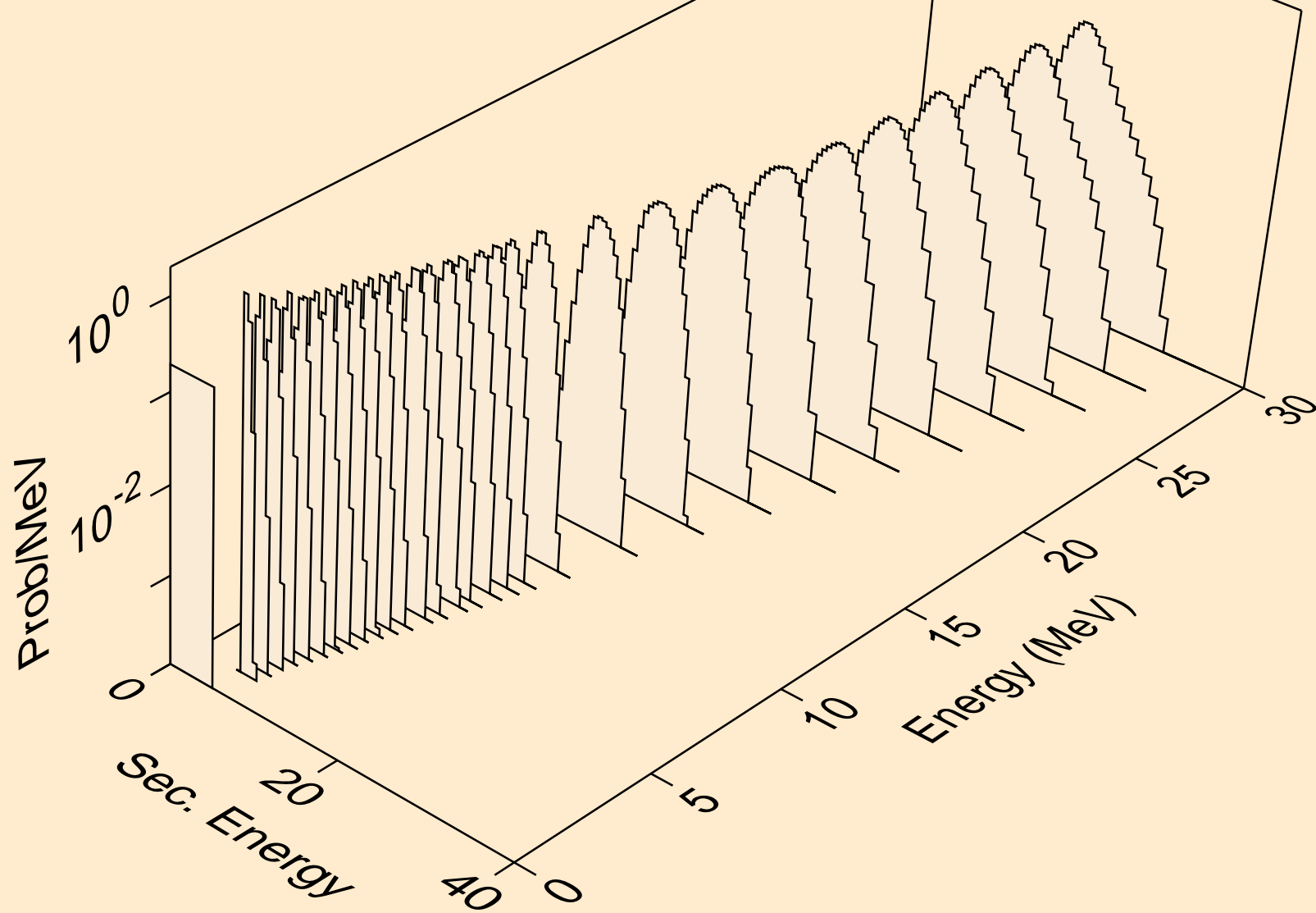
W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



W170 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

