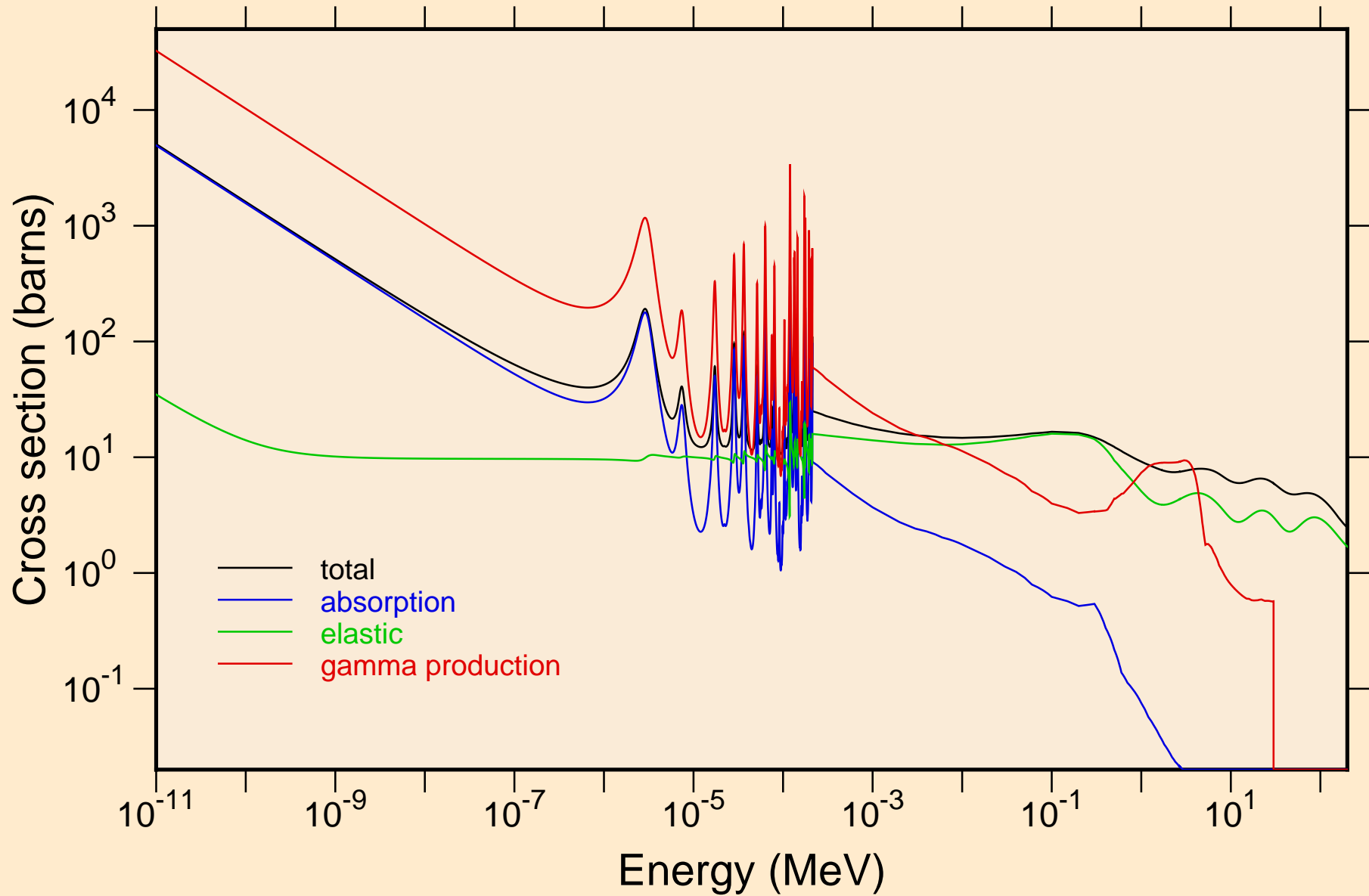
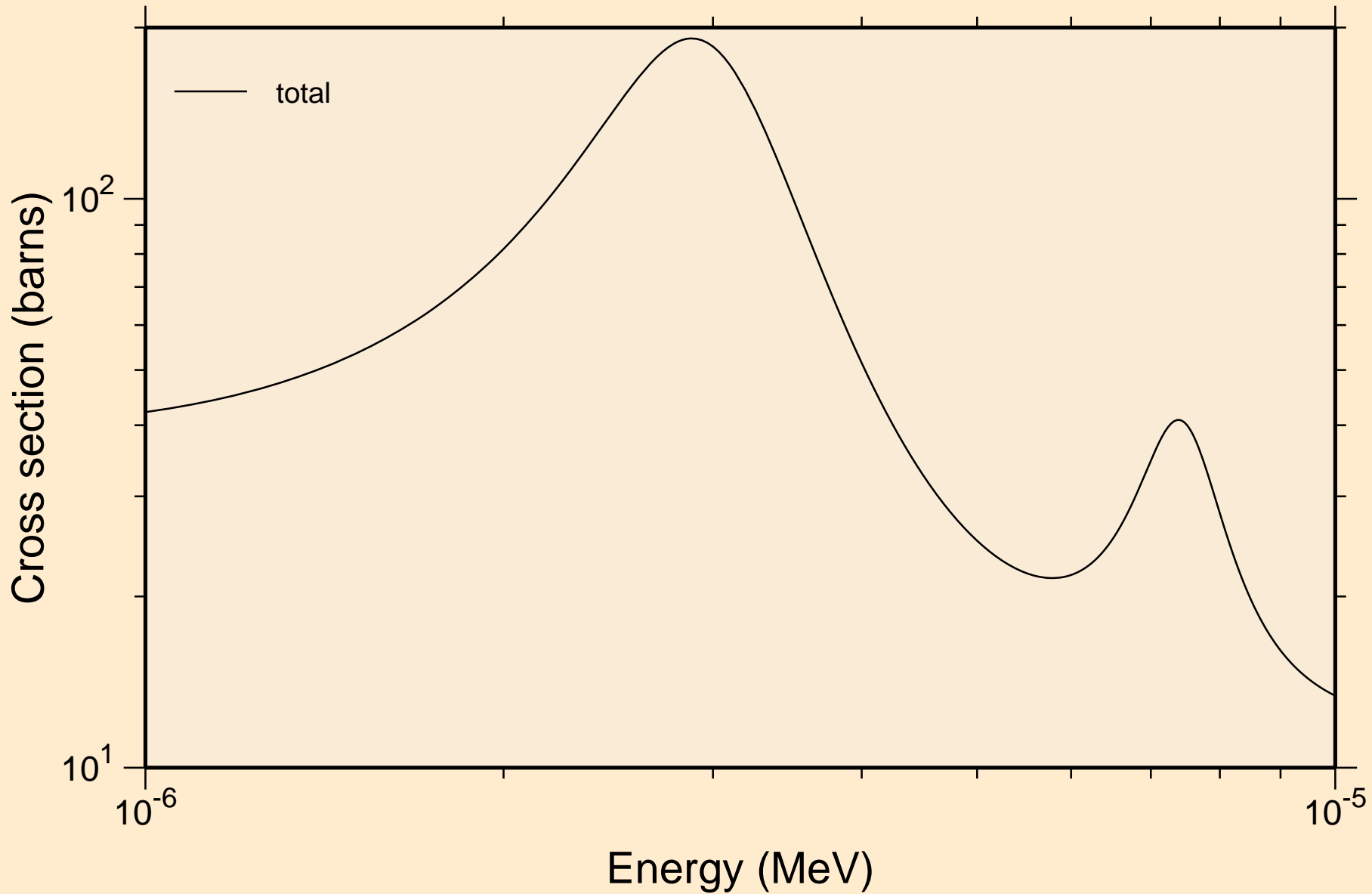


# HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

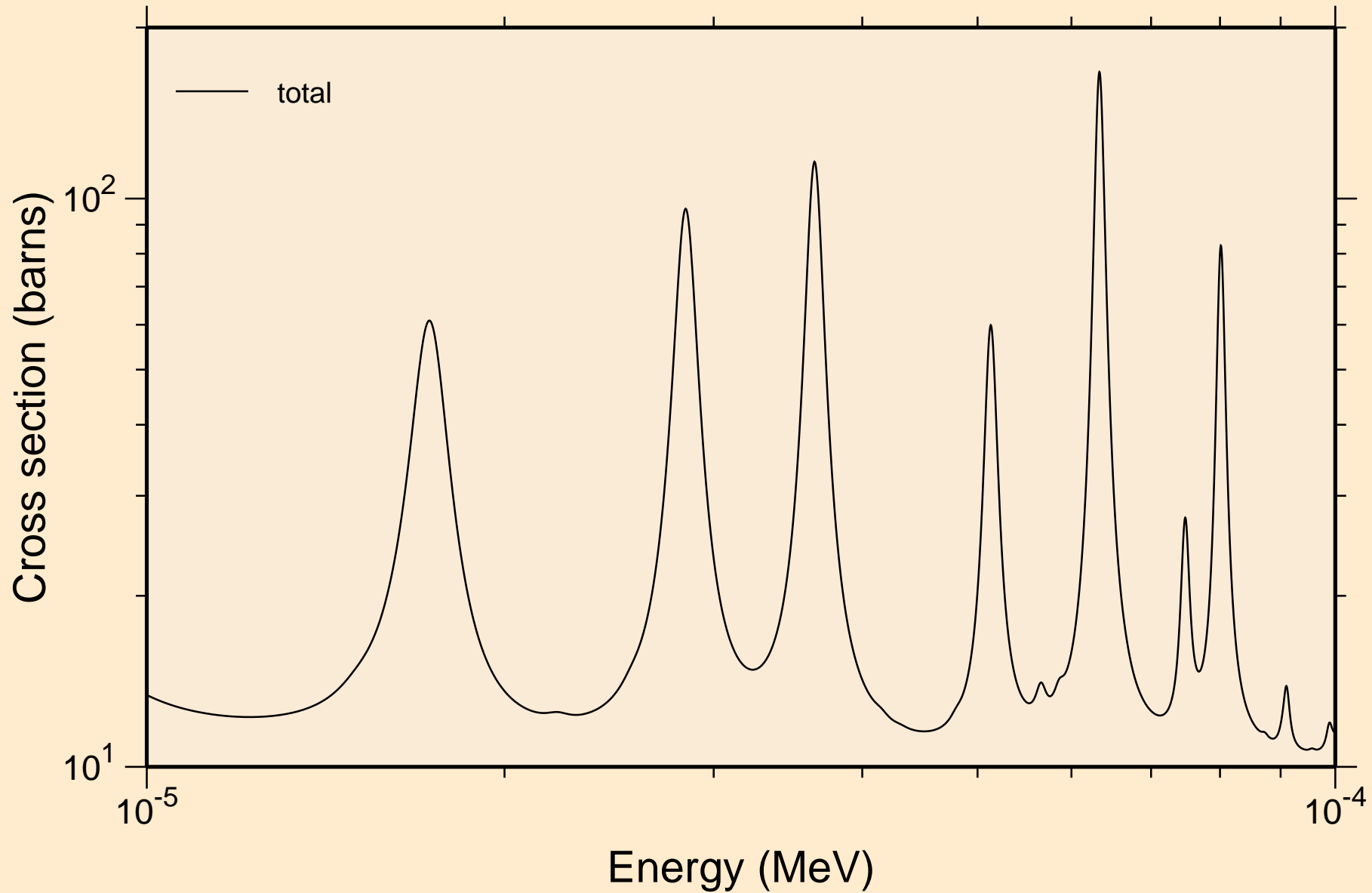
## Principal cross sections



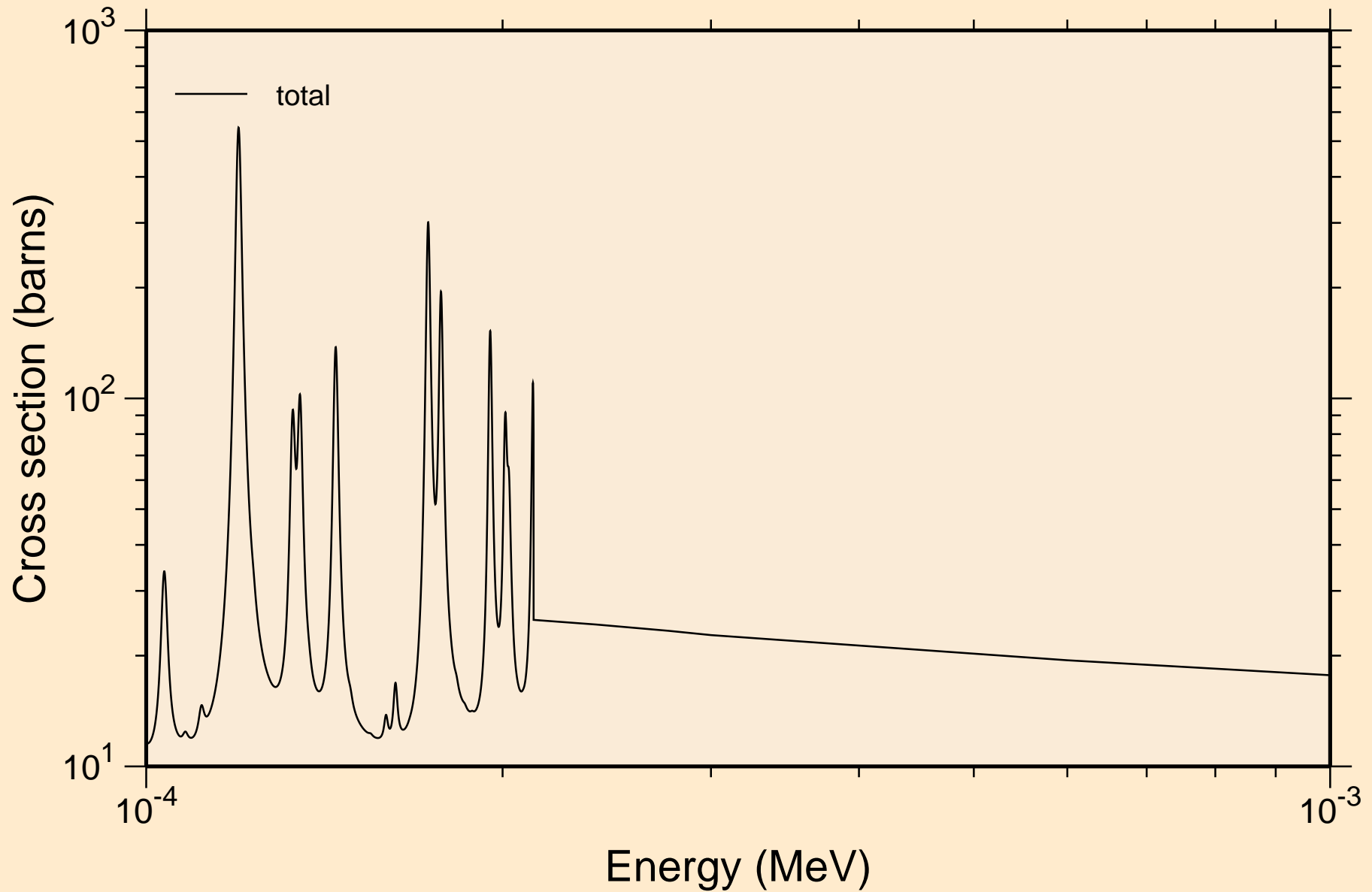
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



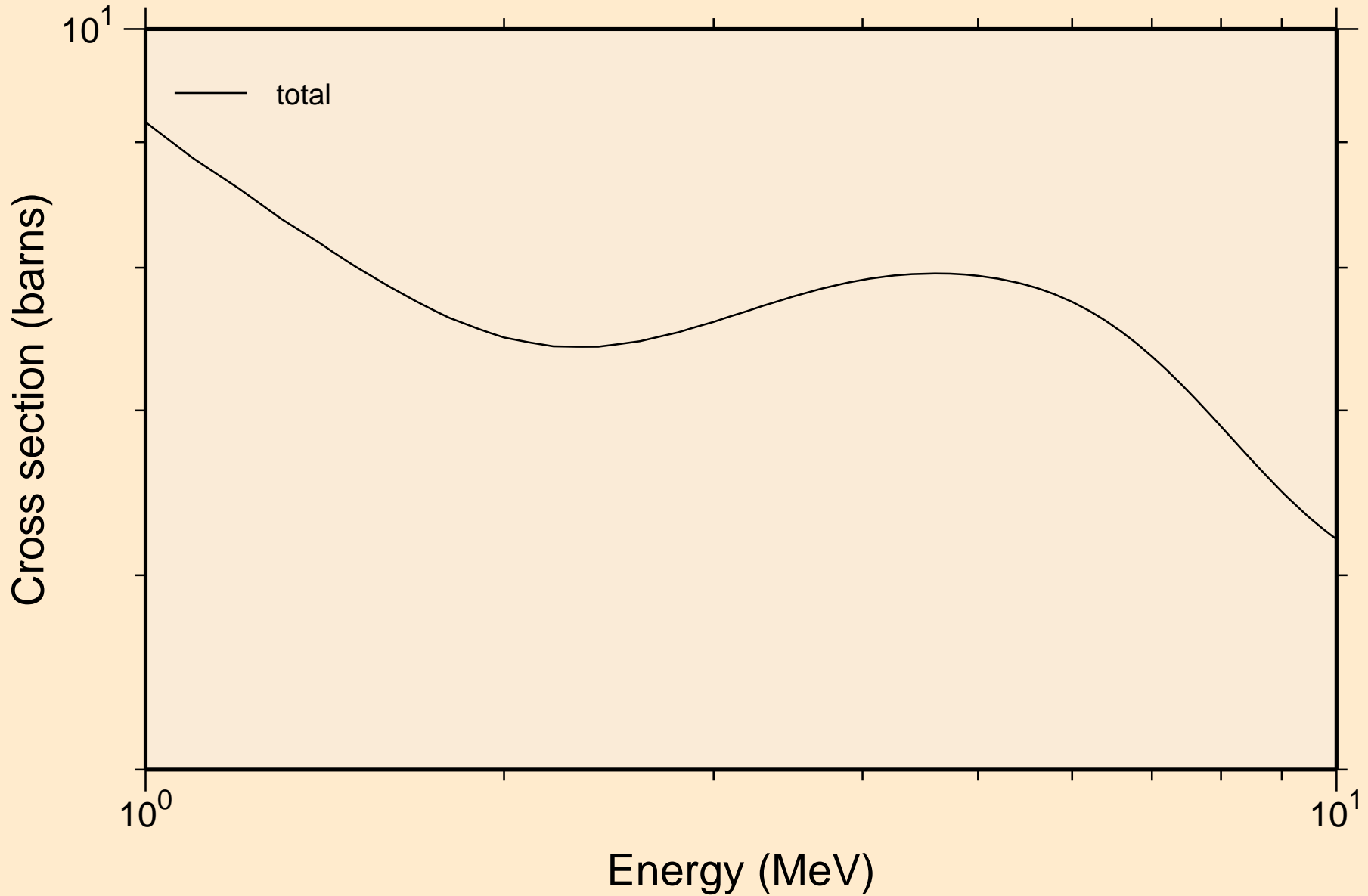
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



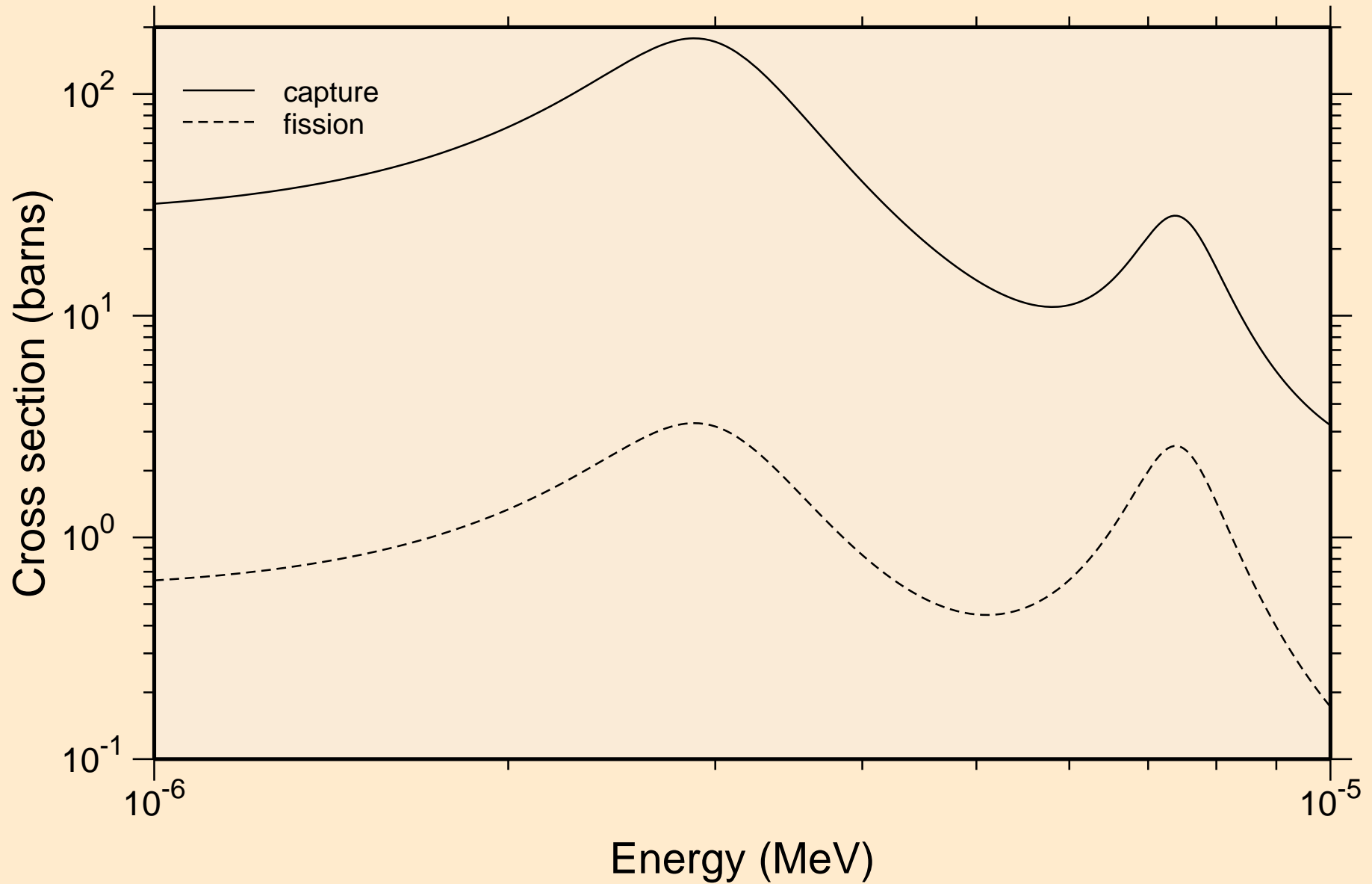
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



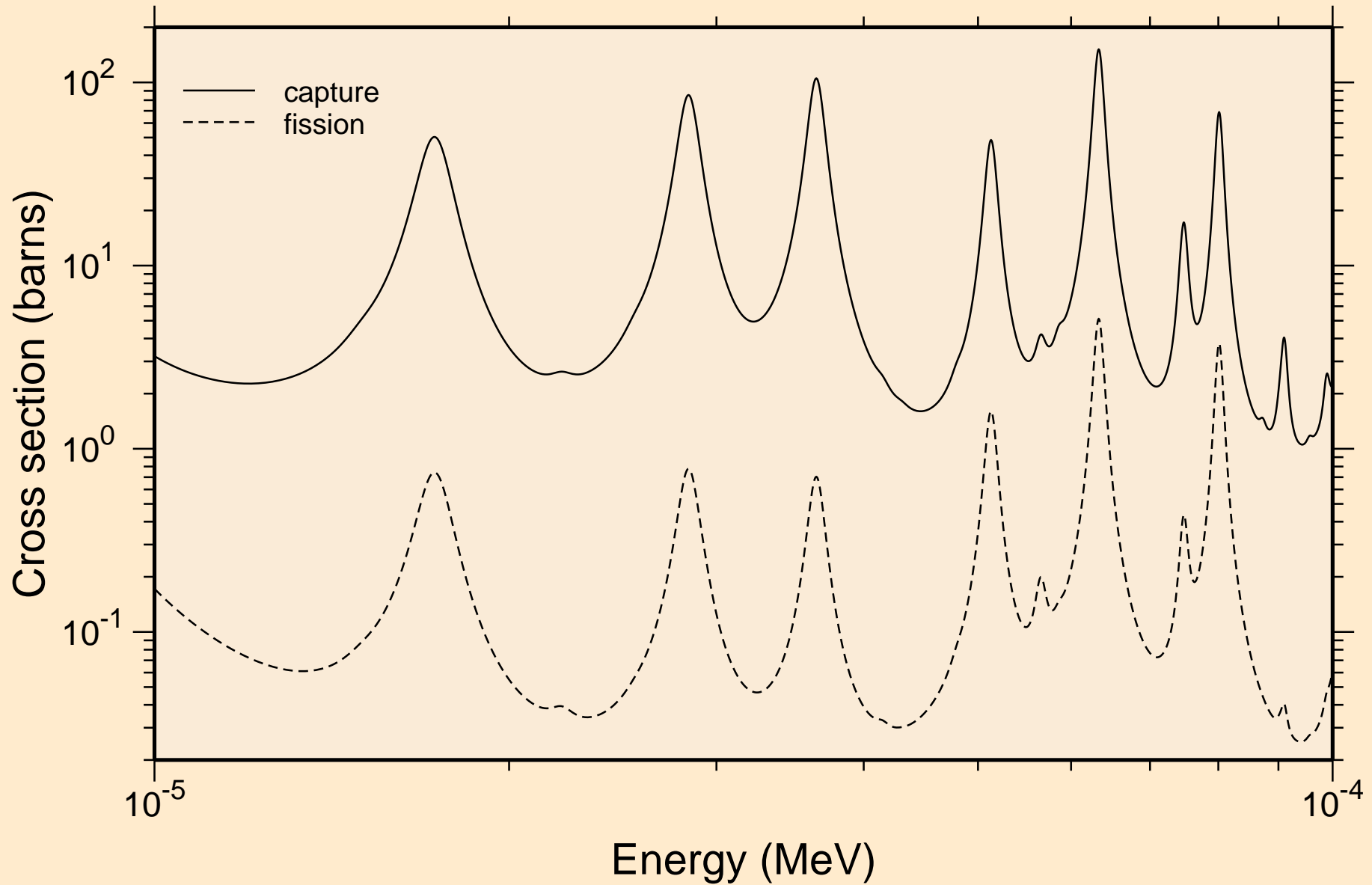
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



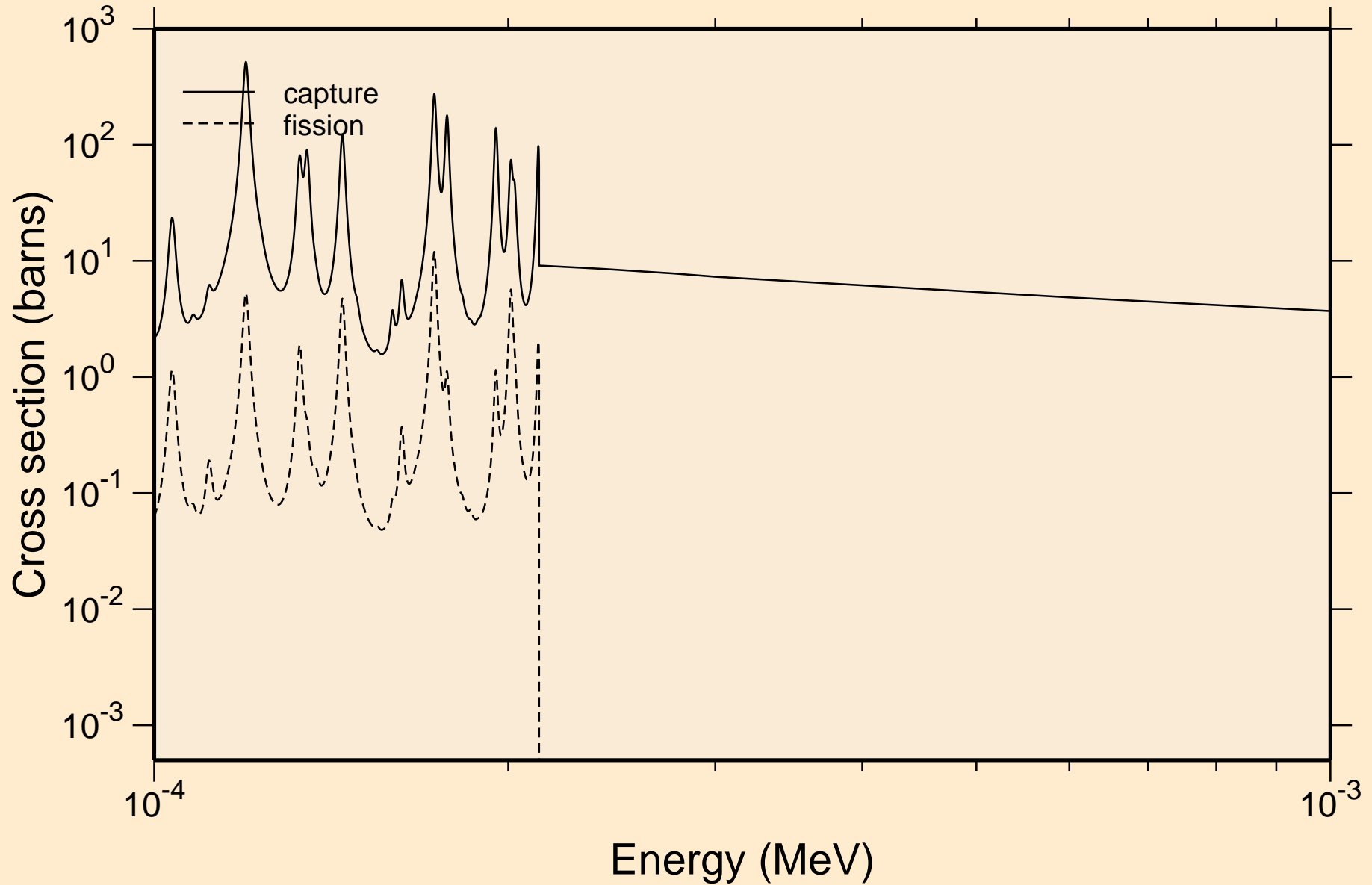
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



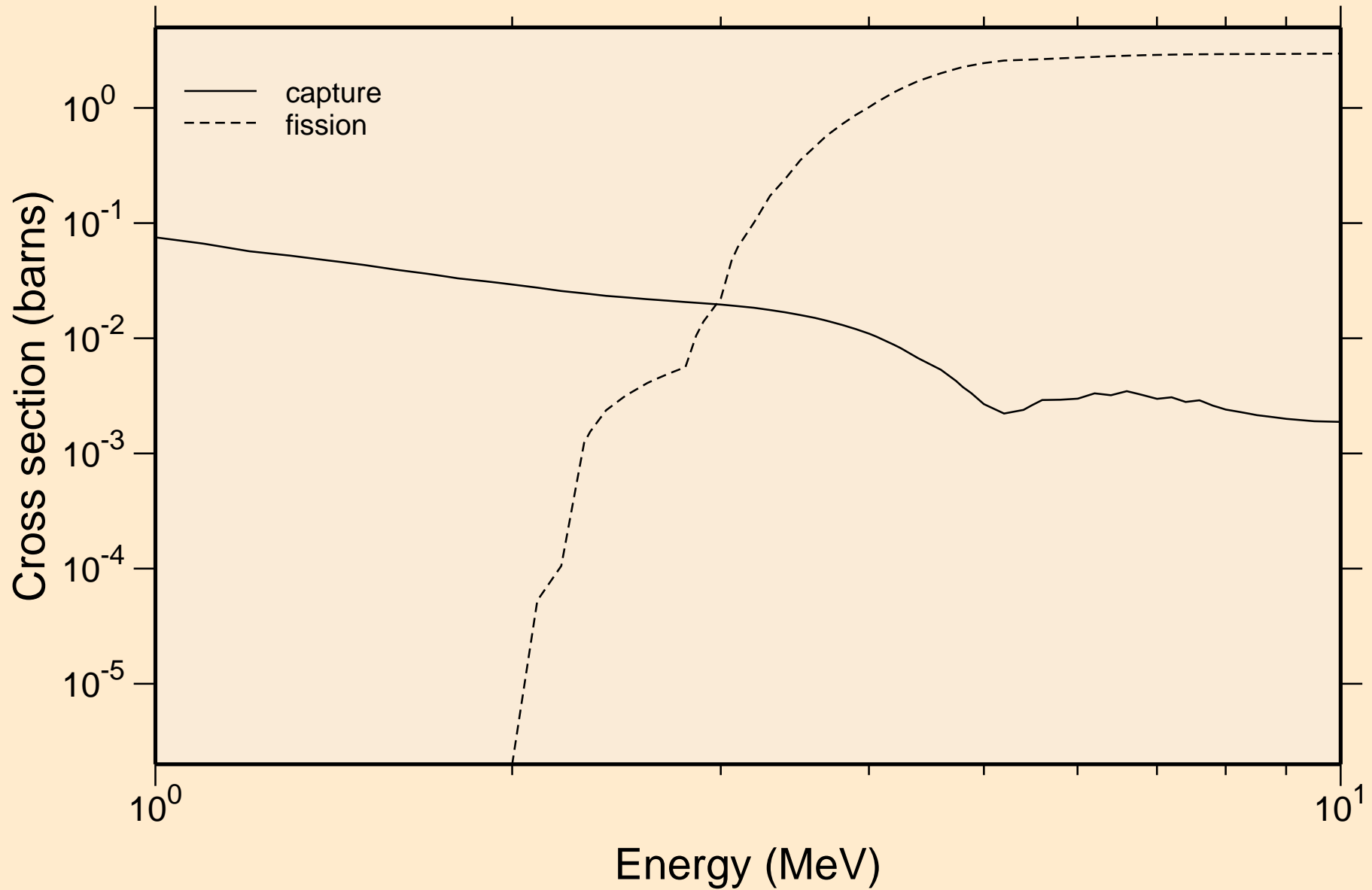
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



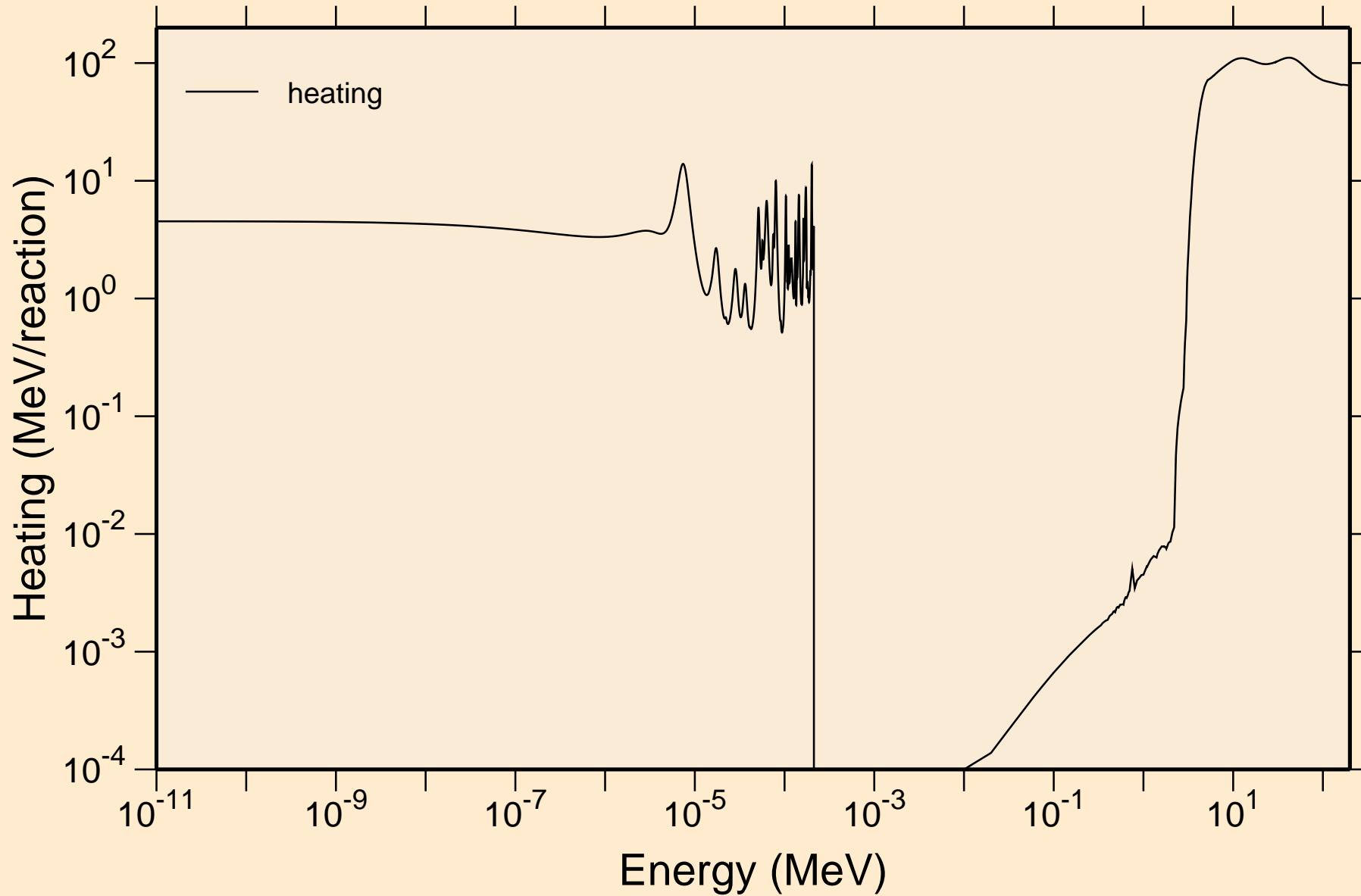
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections

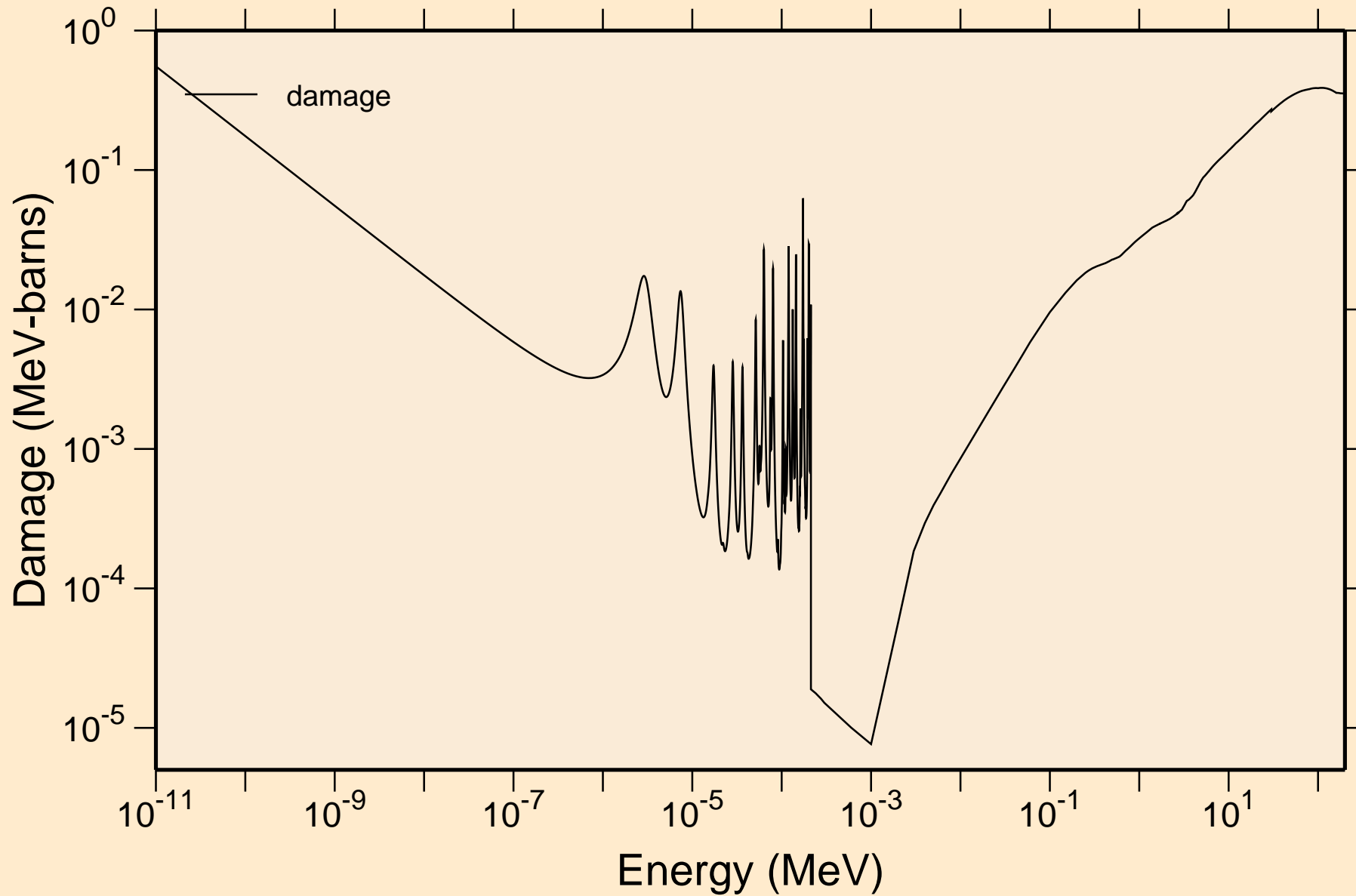


HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating



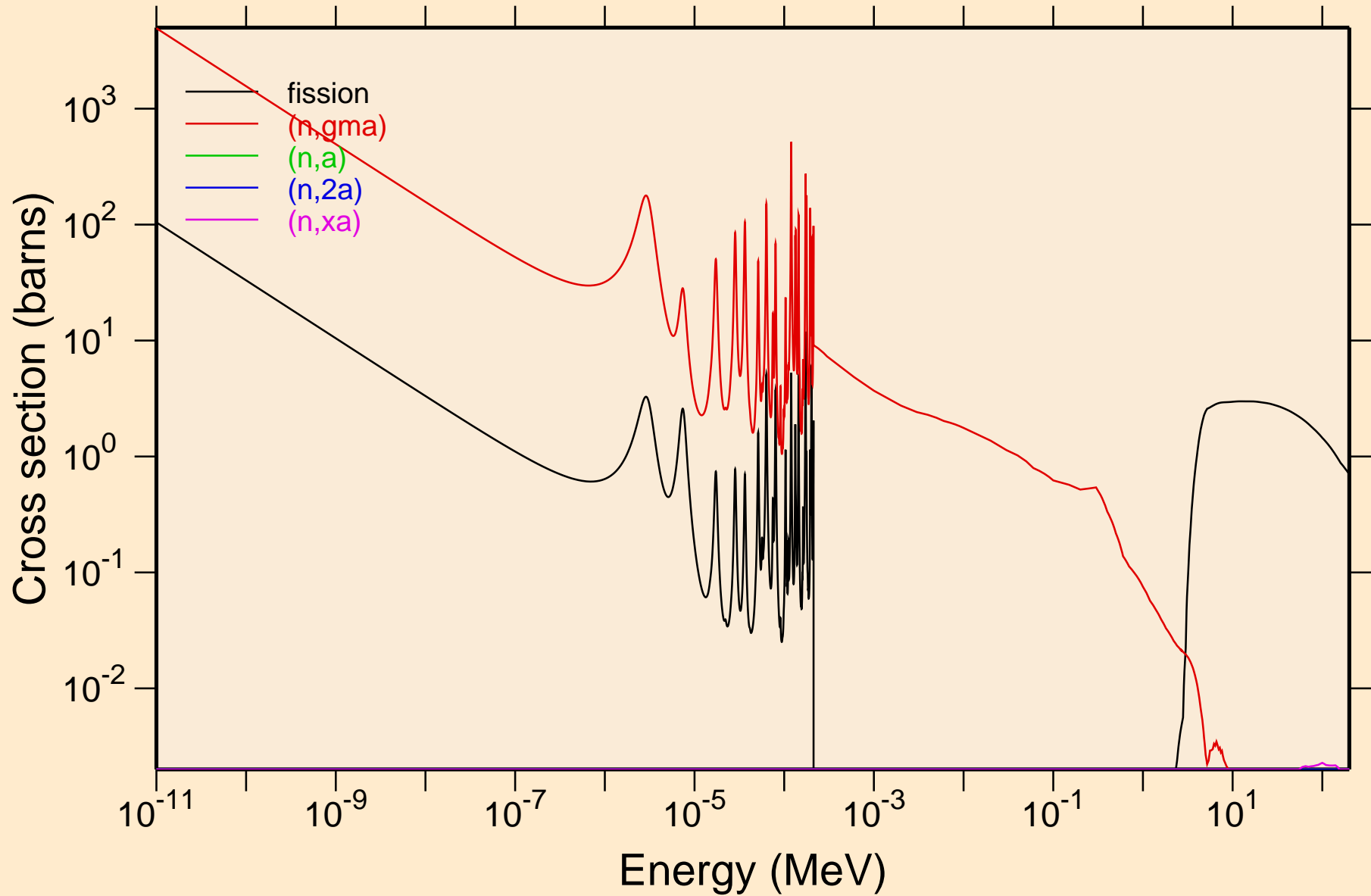
# HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Damage



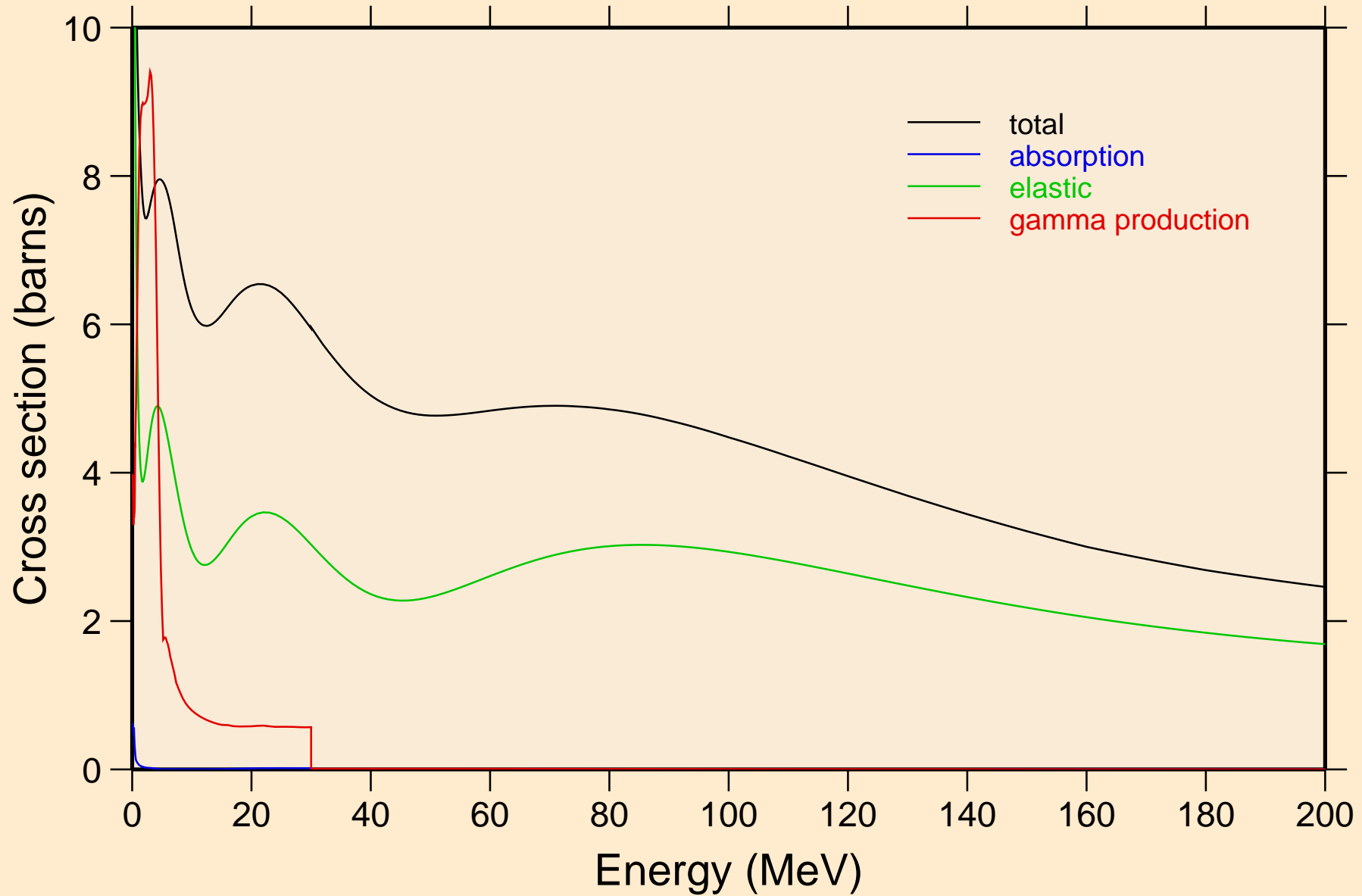
# HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Non-threshold reactions

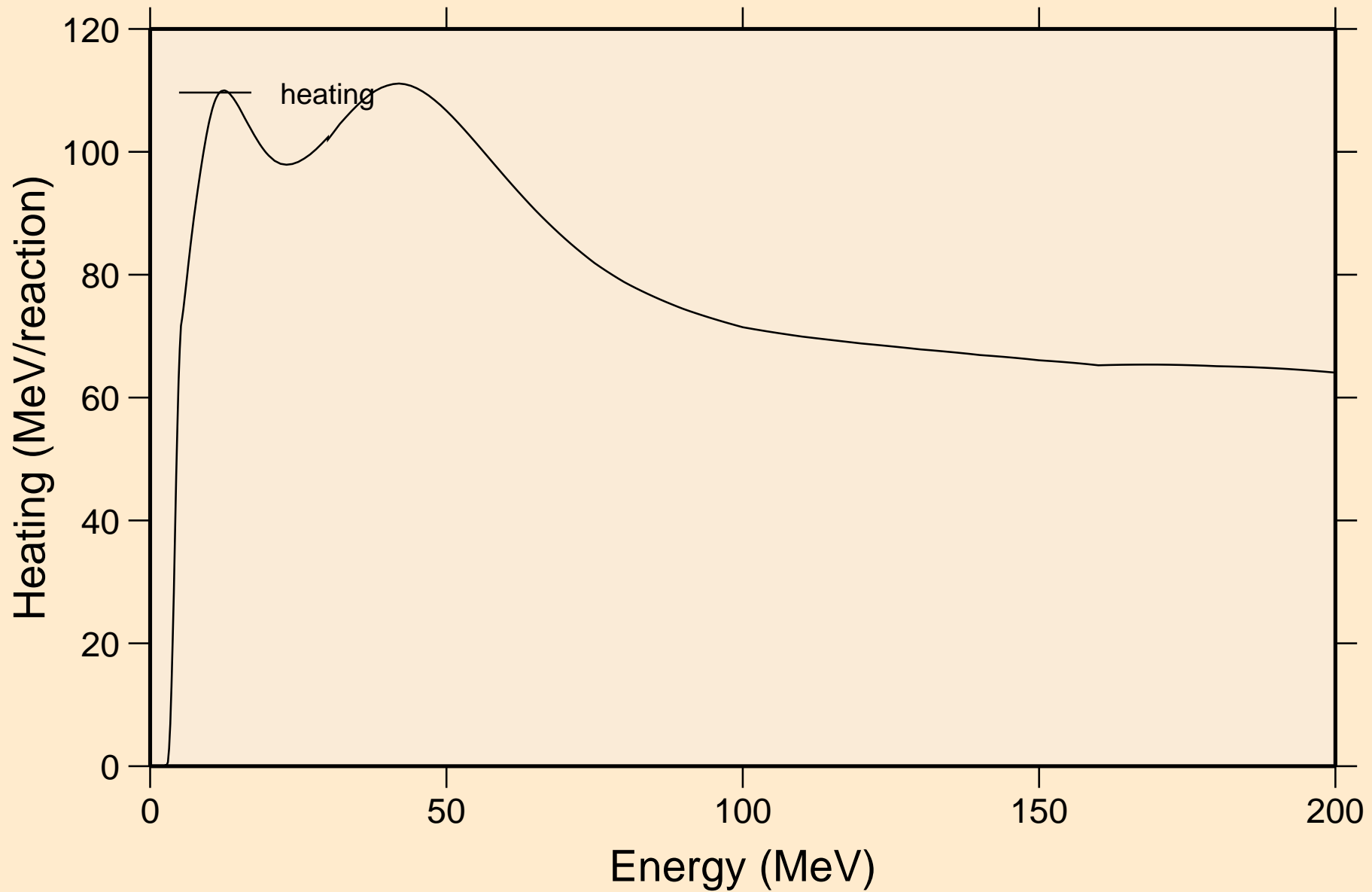


# HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Principal cross sections

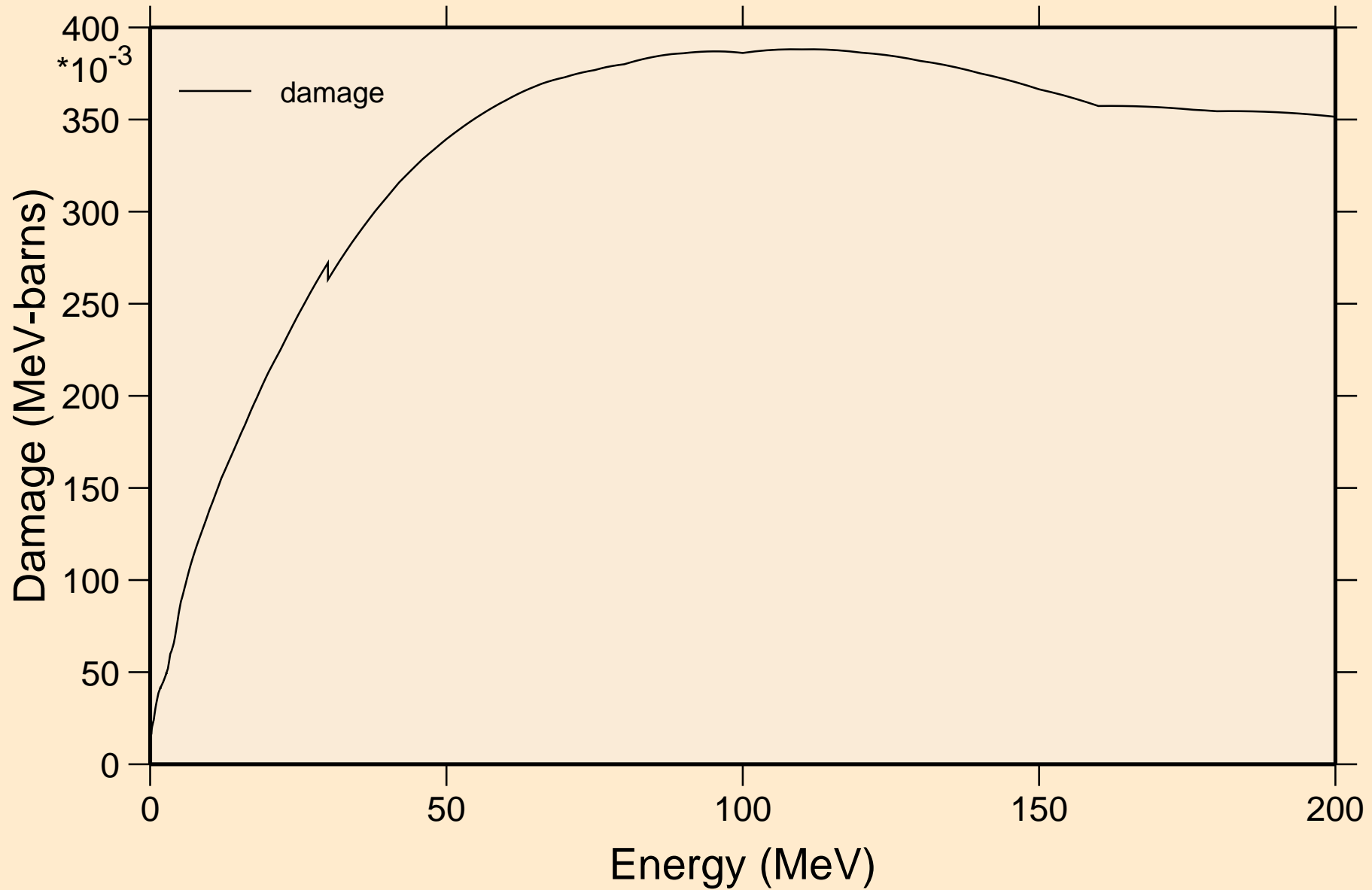


HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating



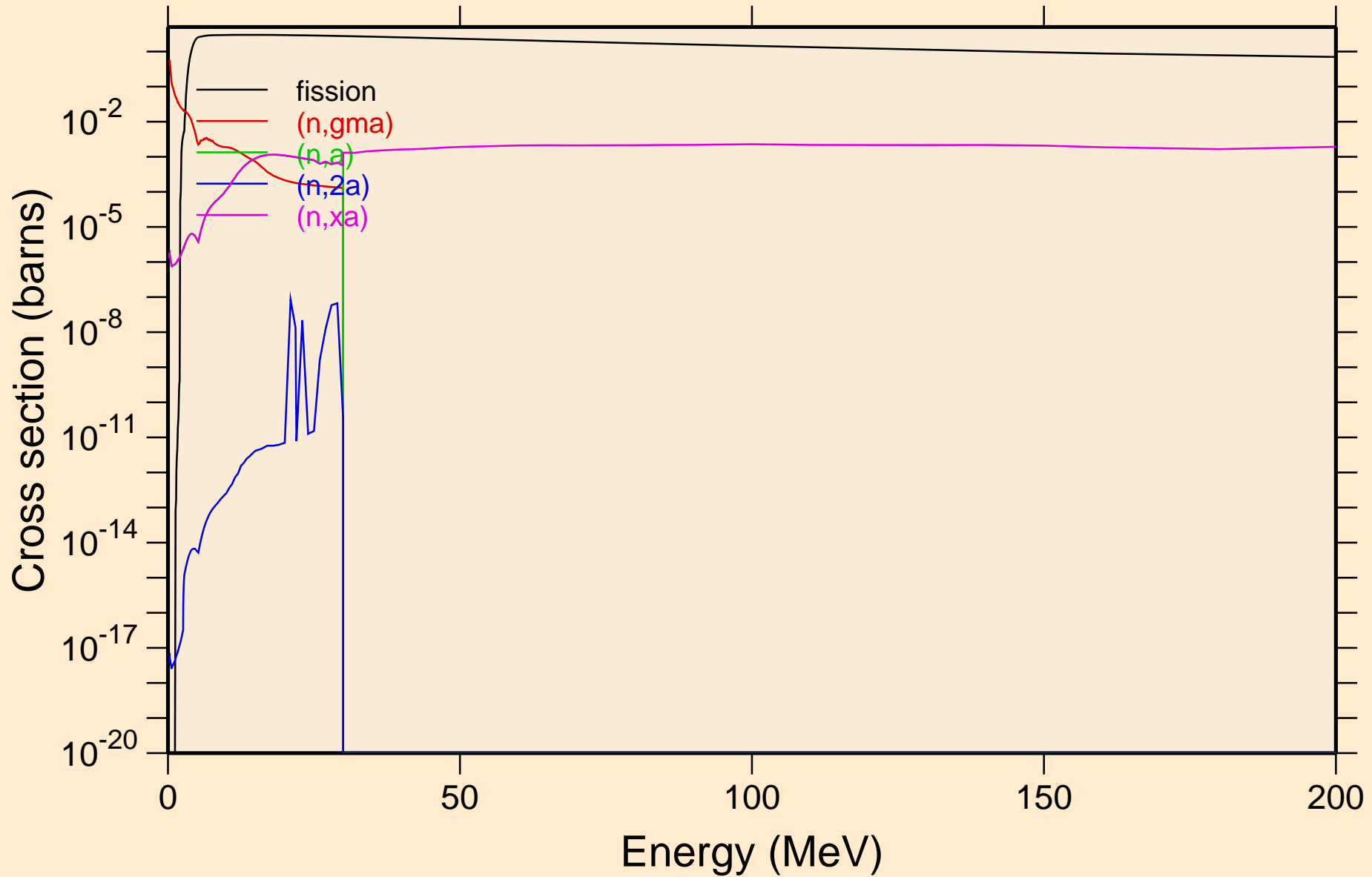
# HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Damage

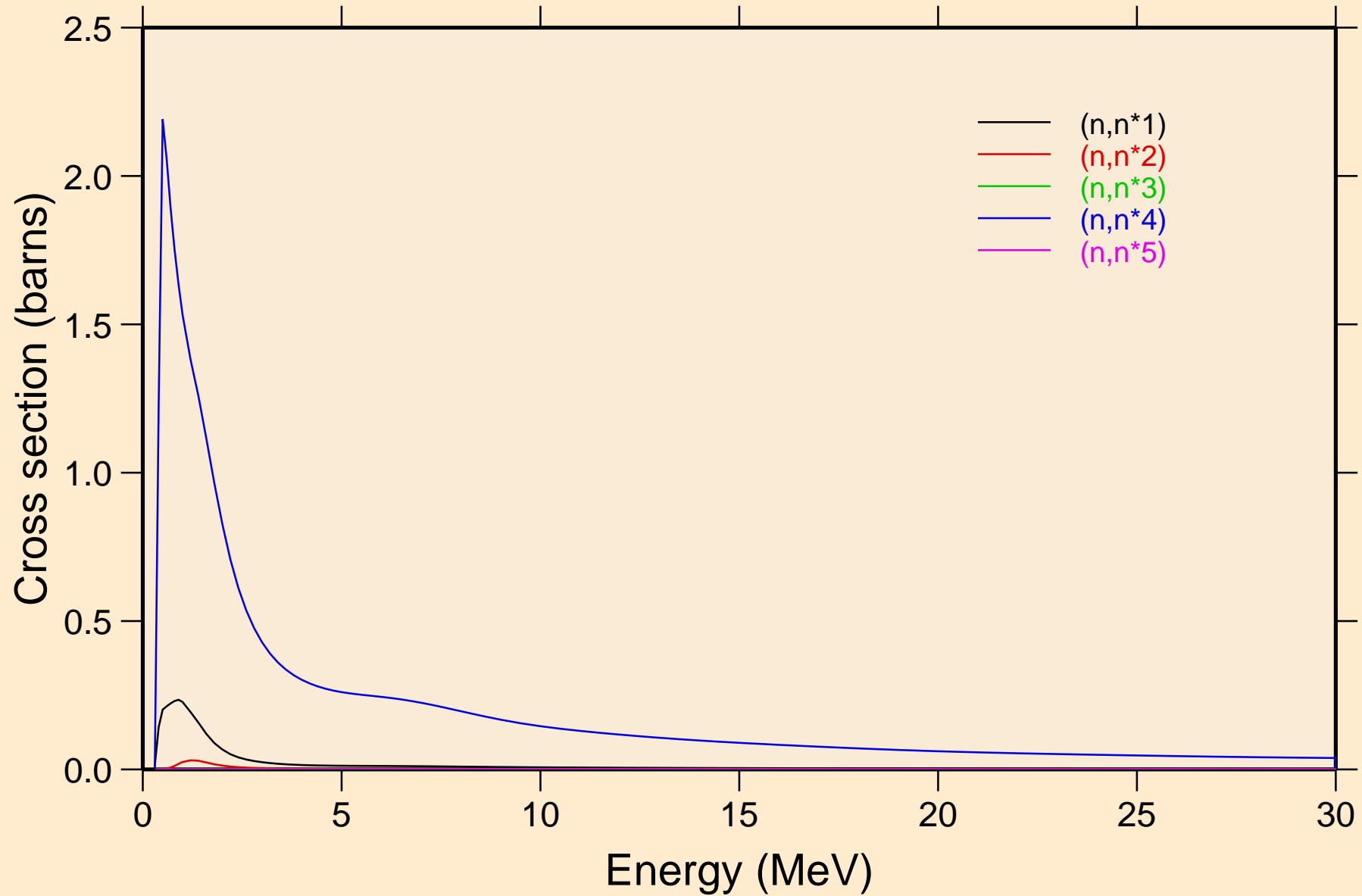


# HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Non-threshold reactions

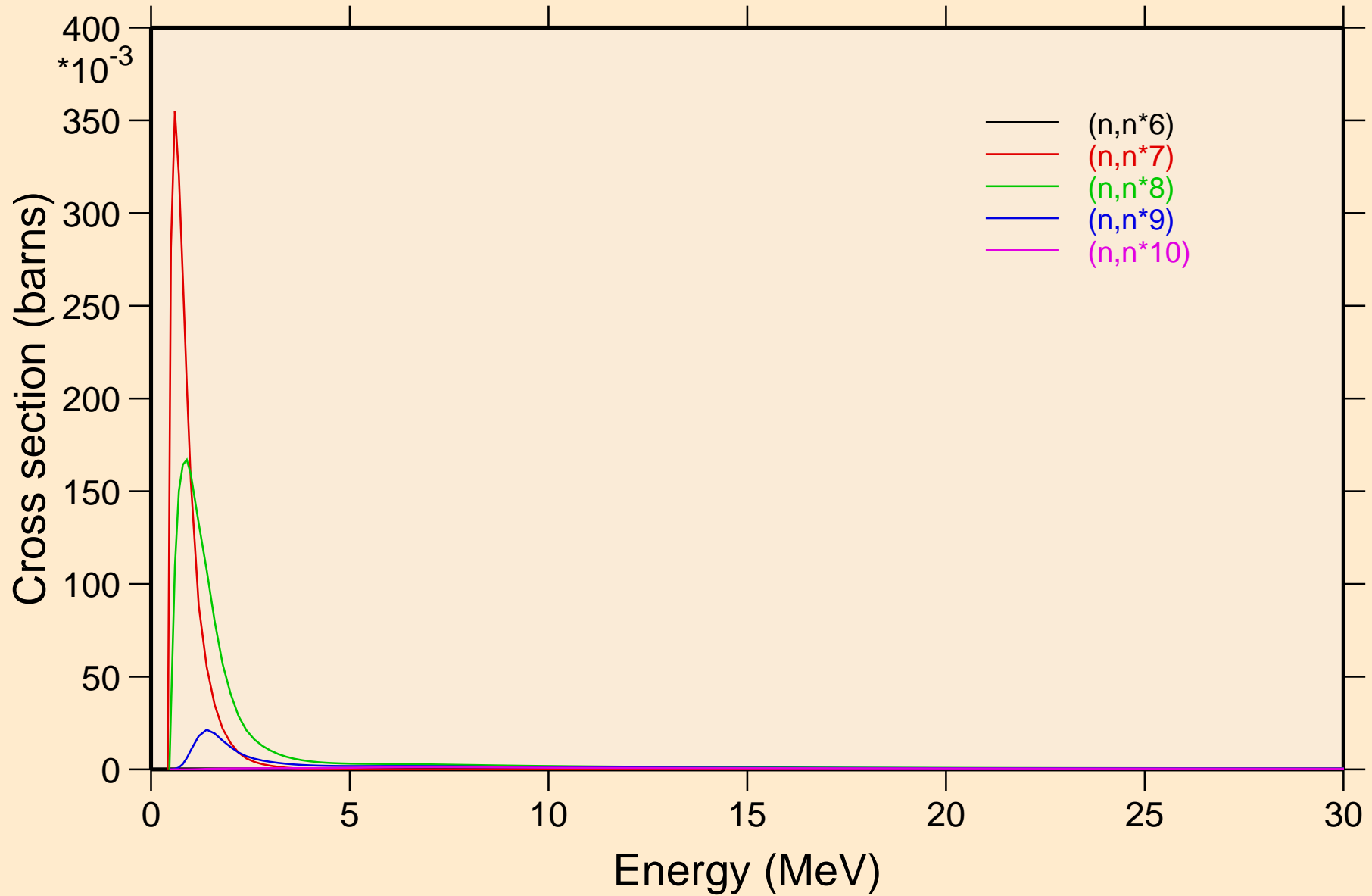


HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

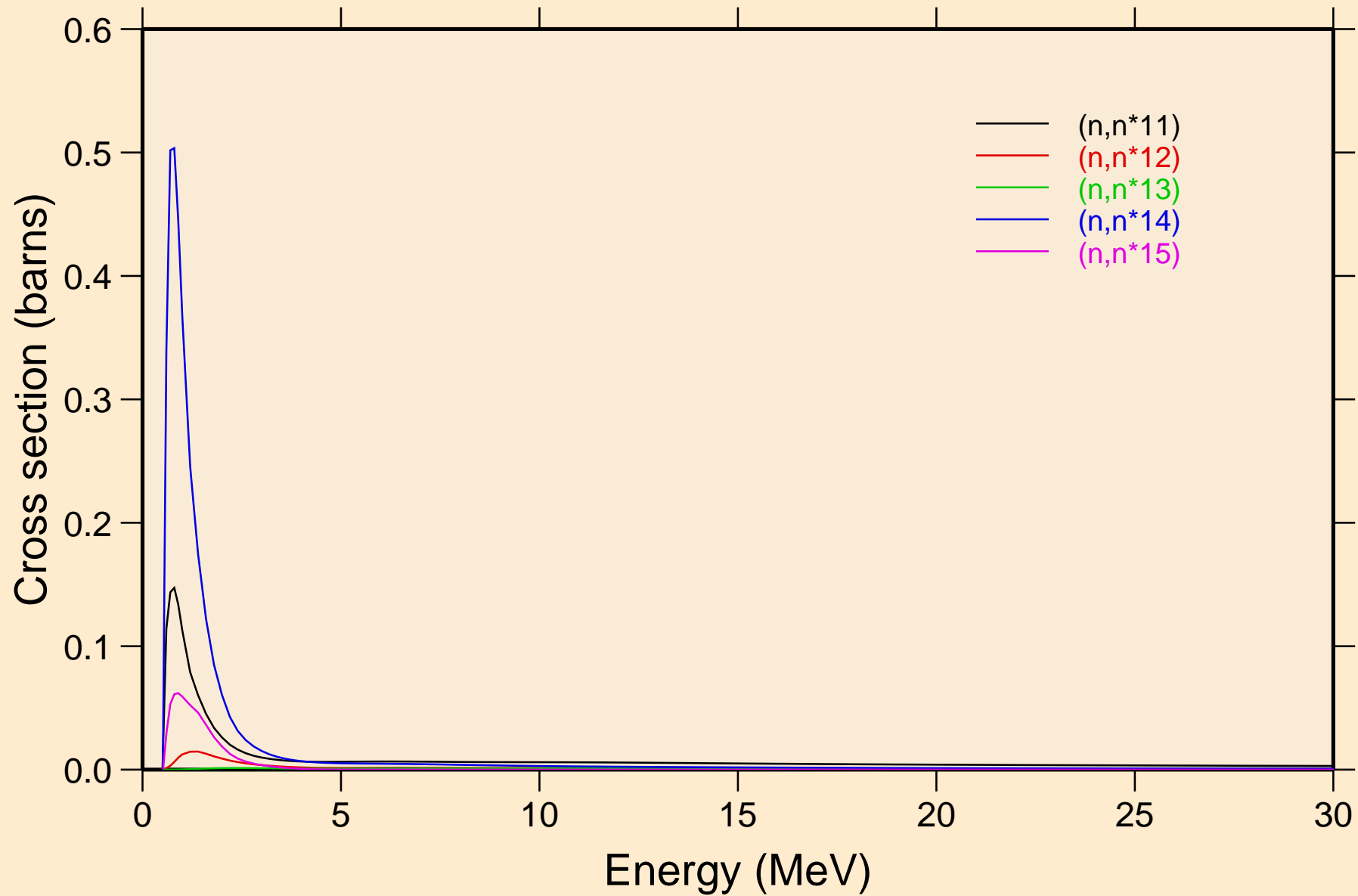


# HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

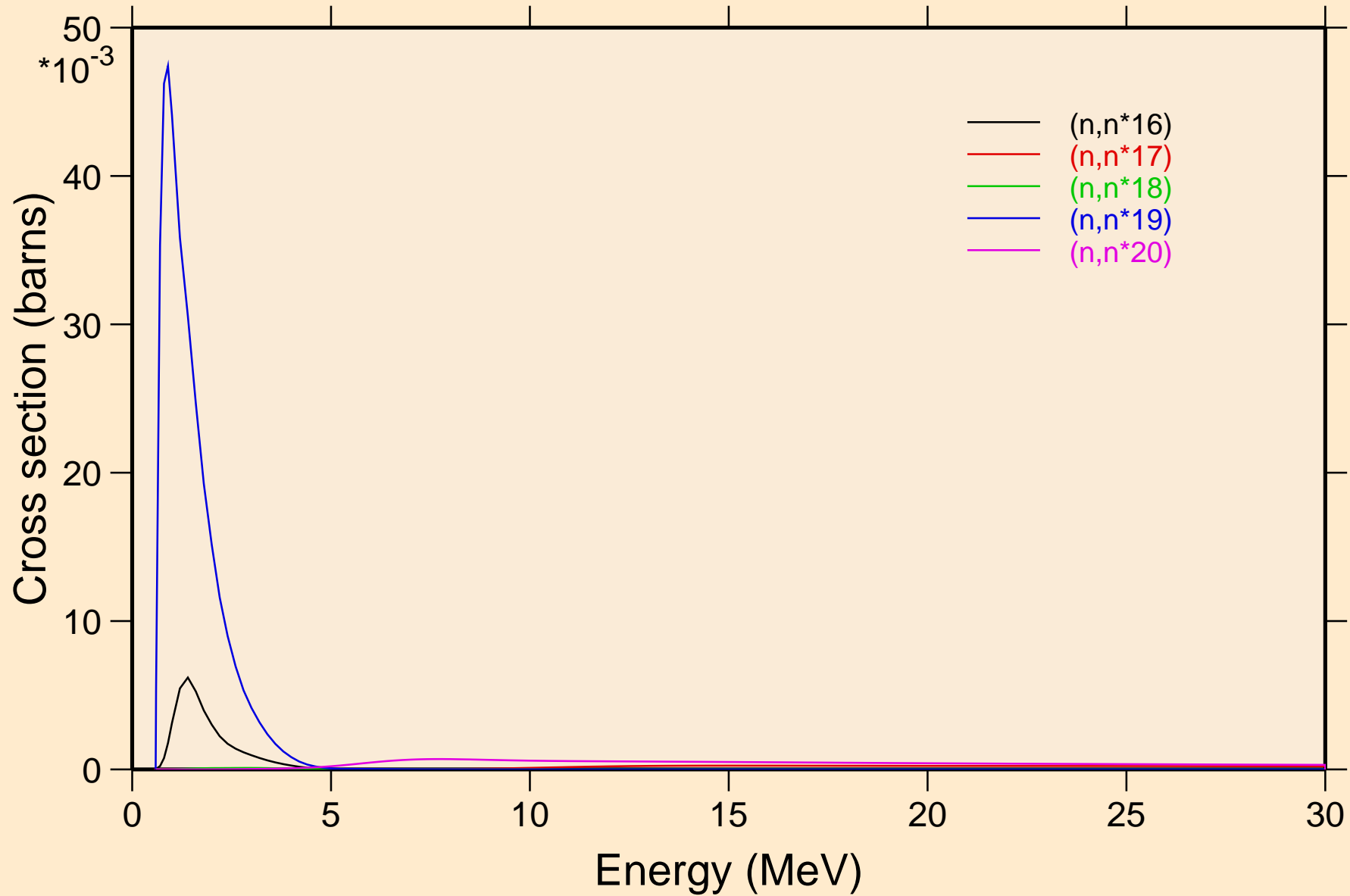
## Inelastic levels



HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

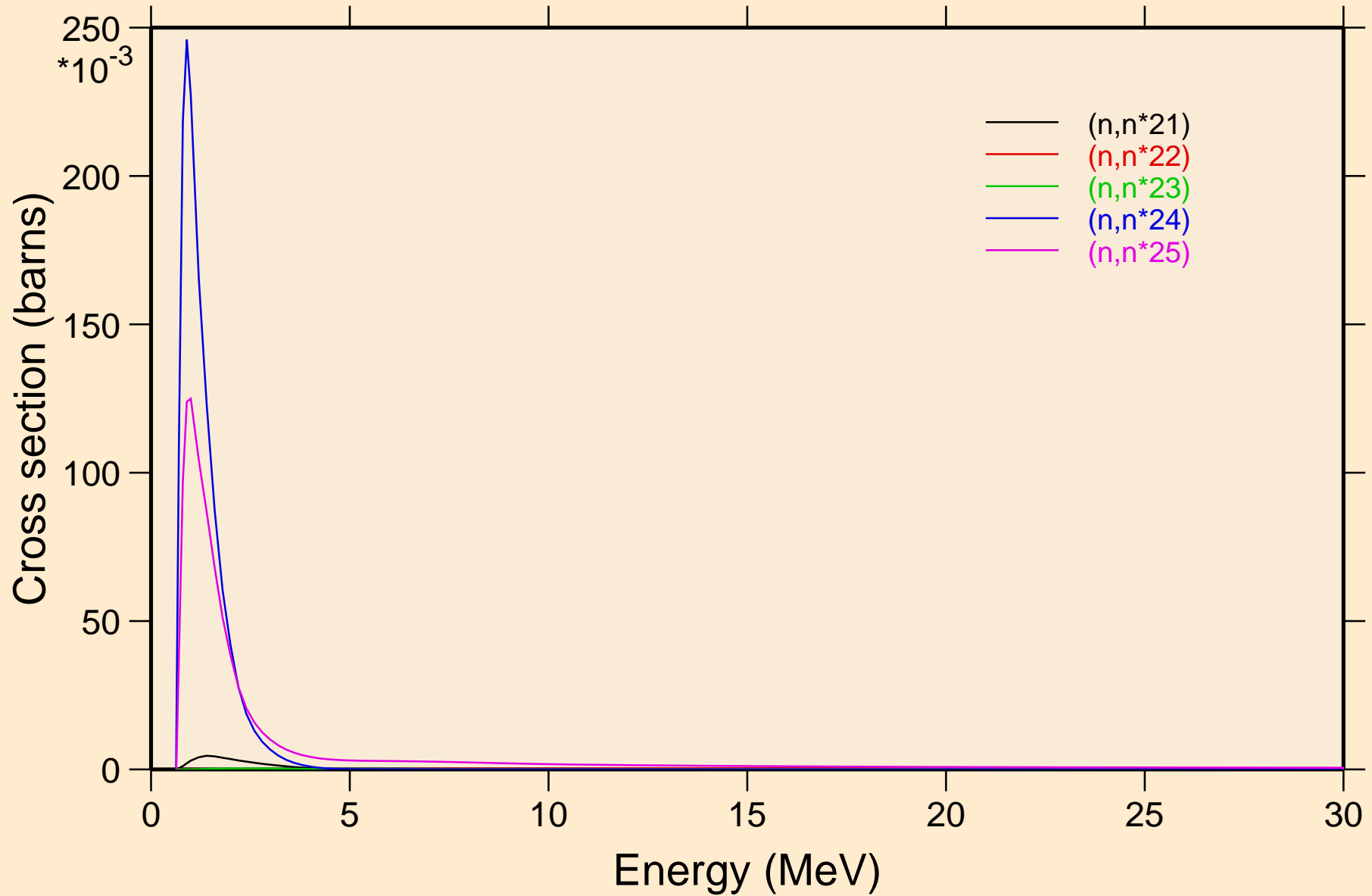


HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

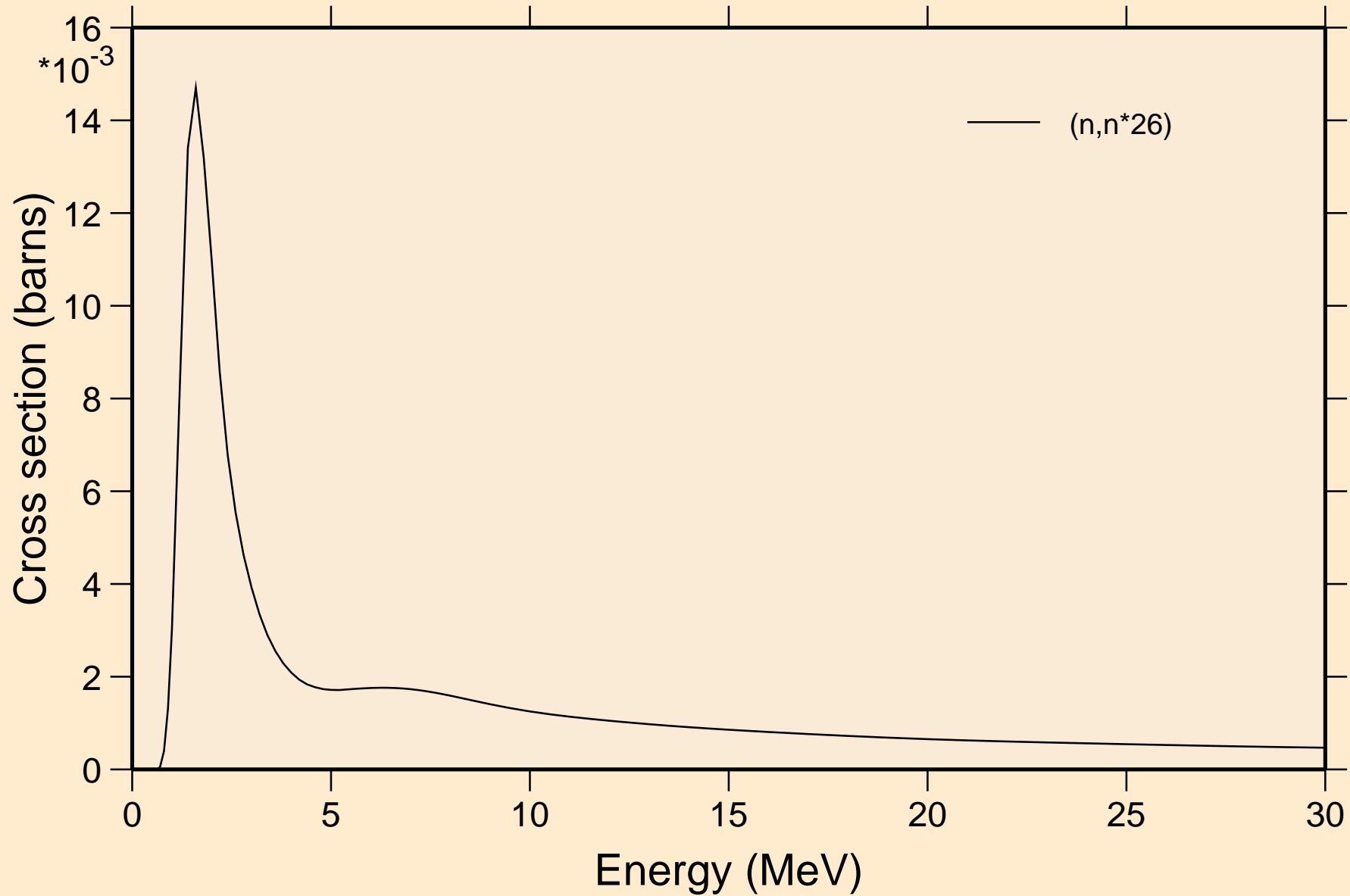


# HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Inelastic levels

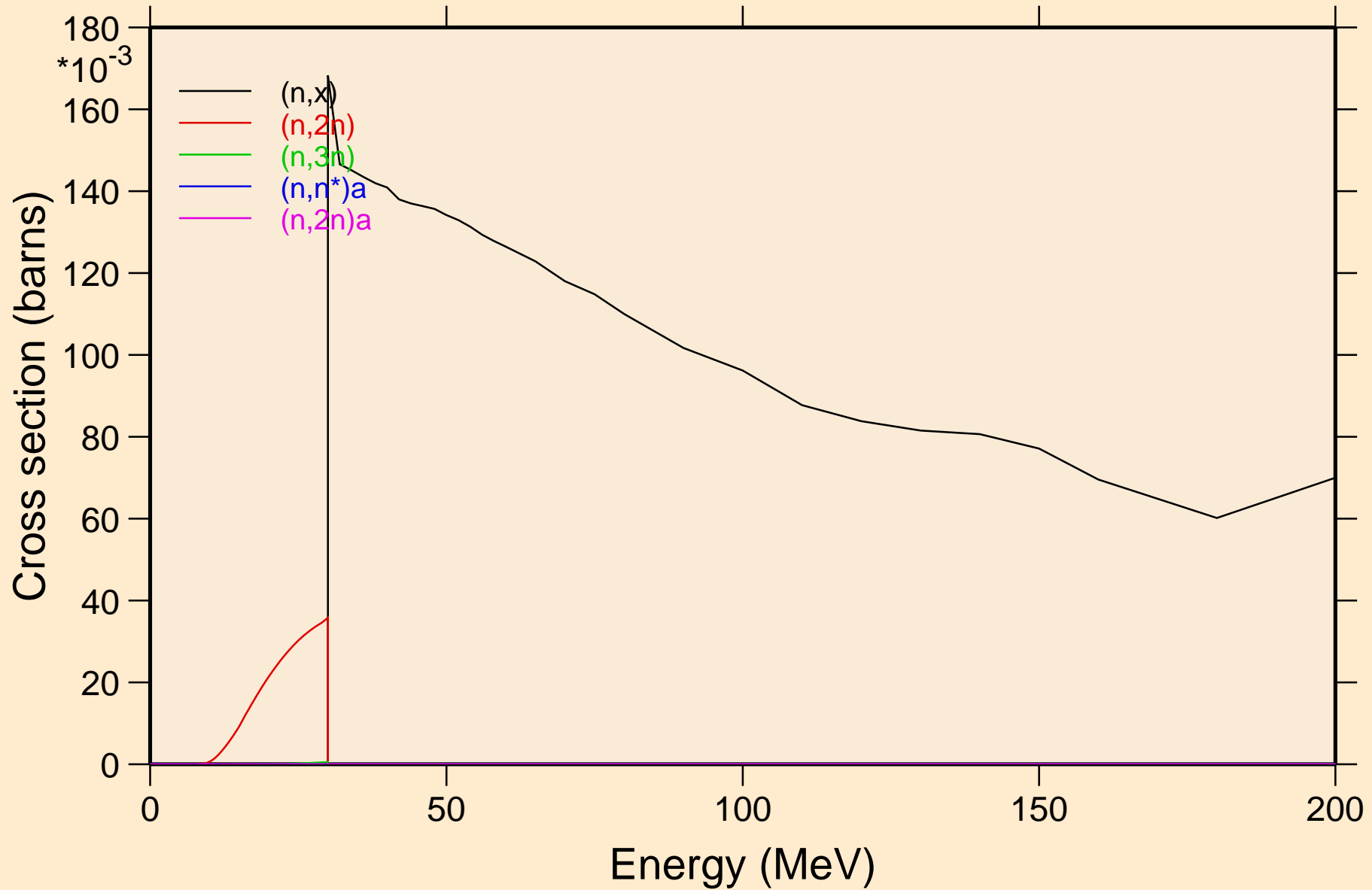


HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

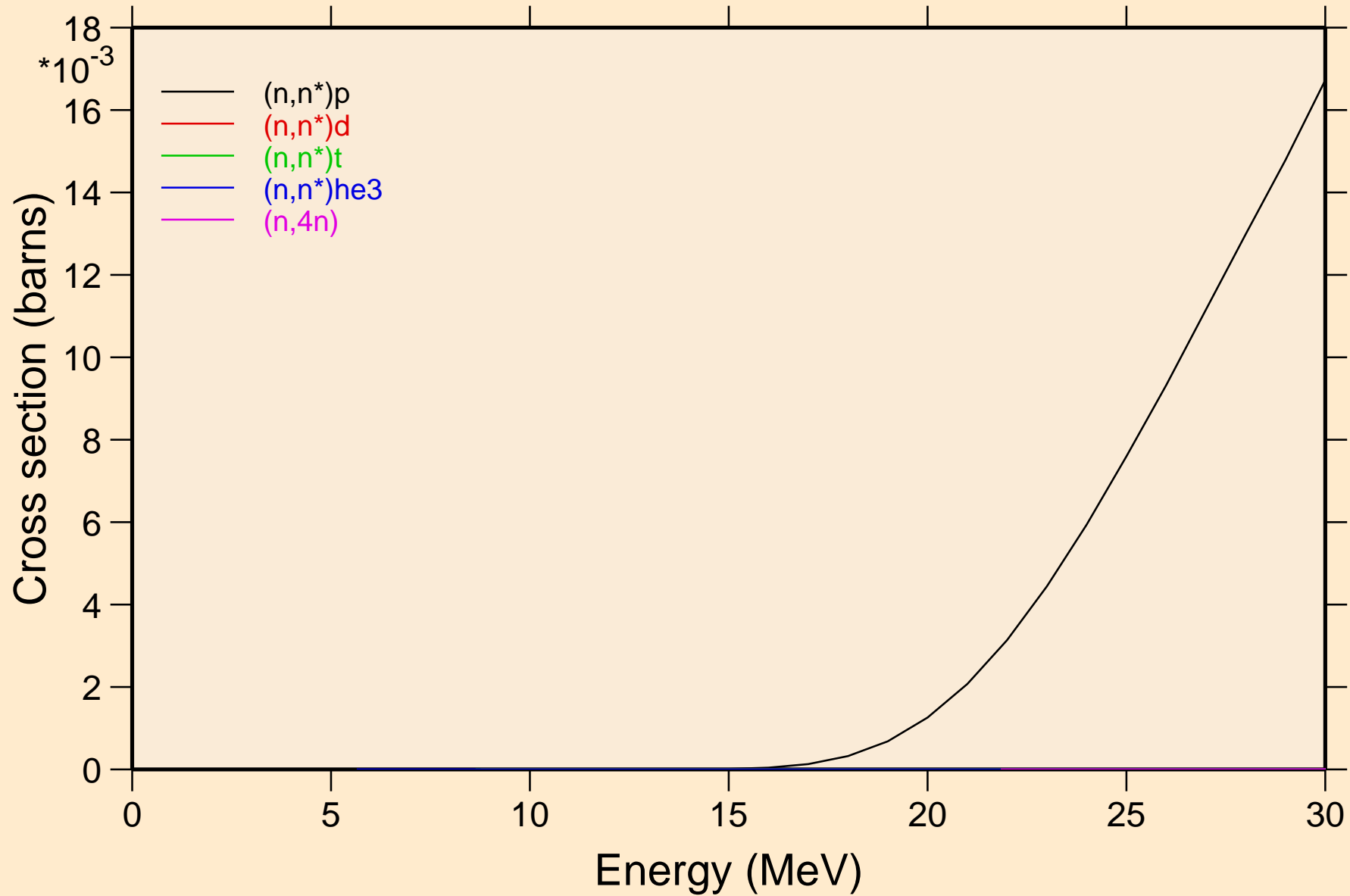


# HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

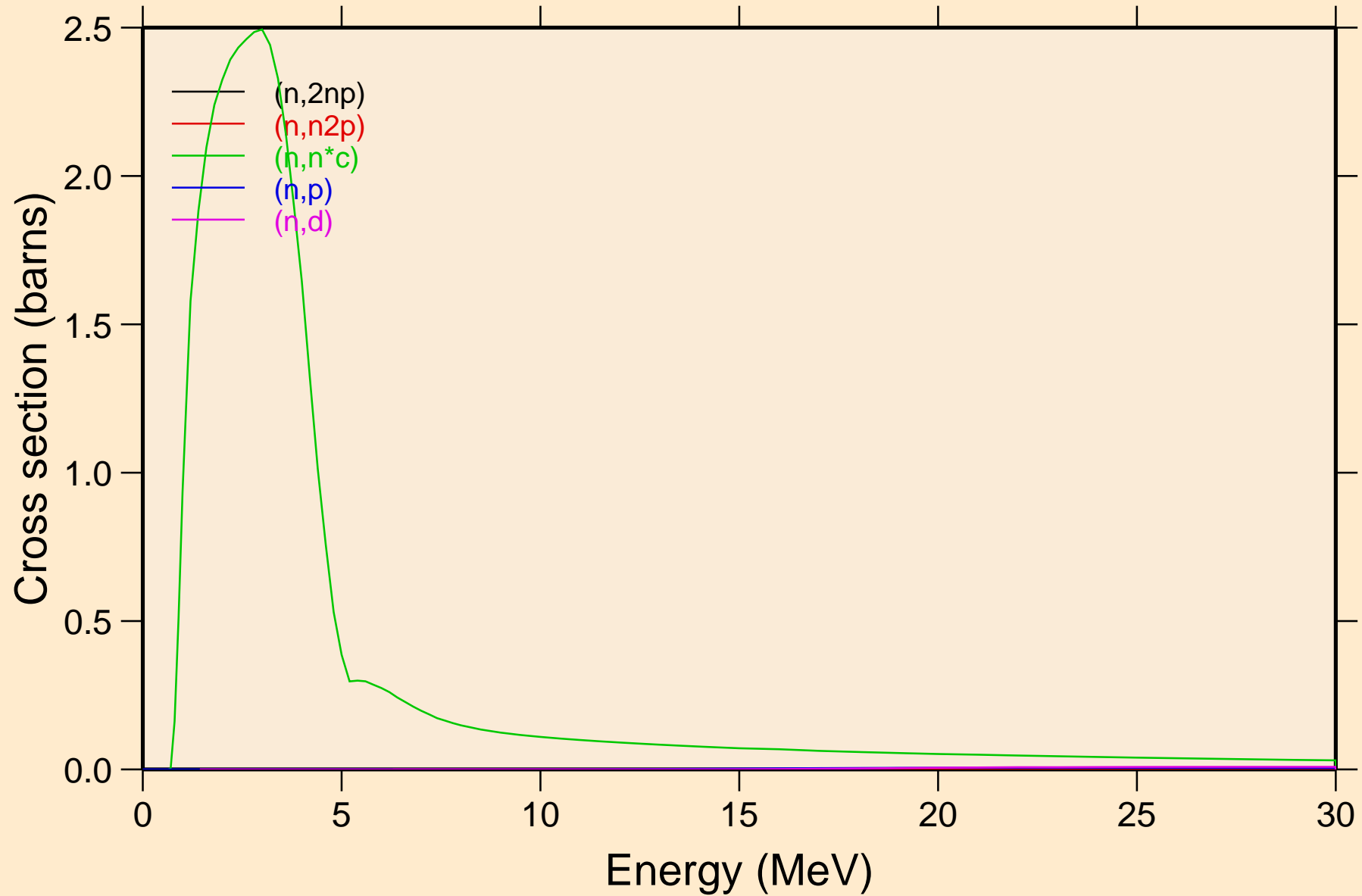
## Threshold reactions



HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

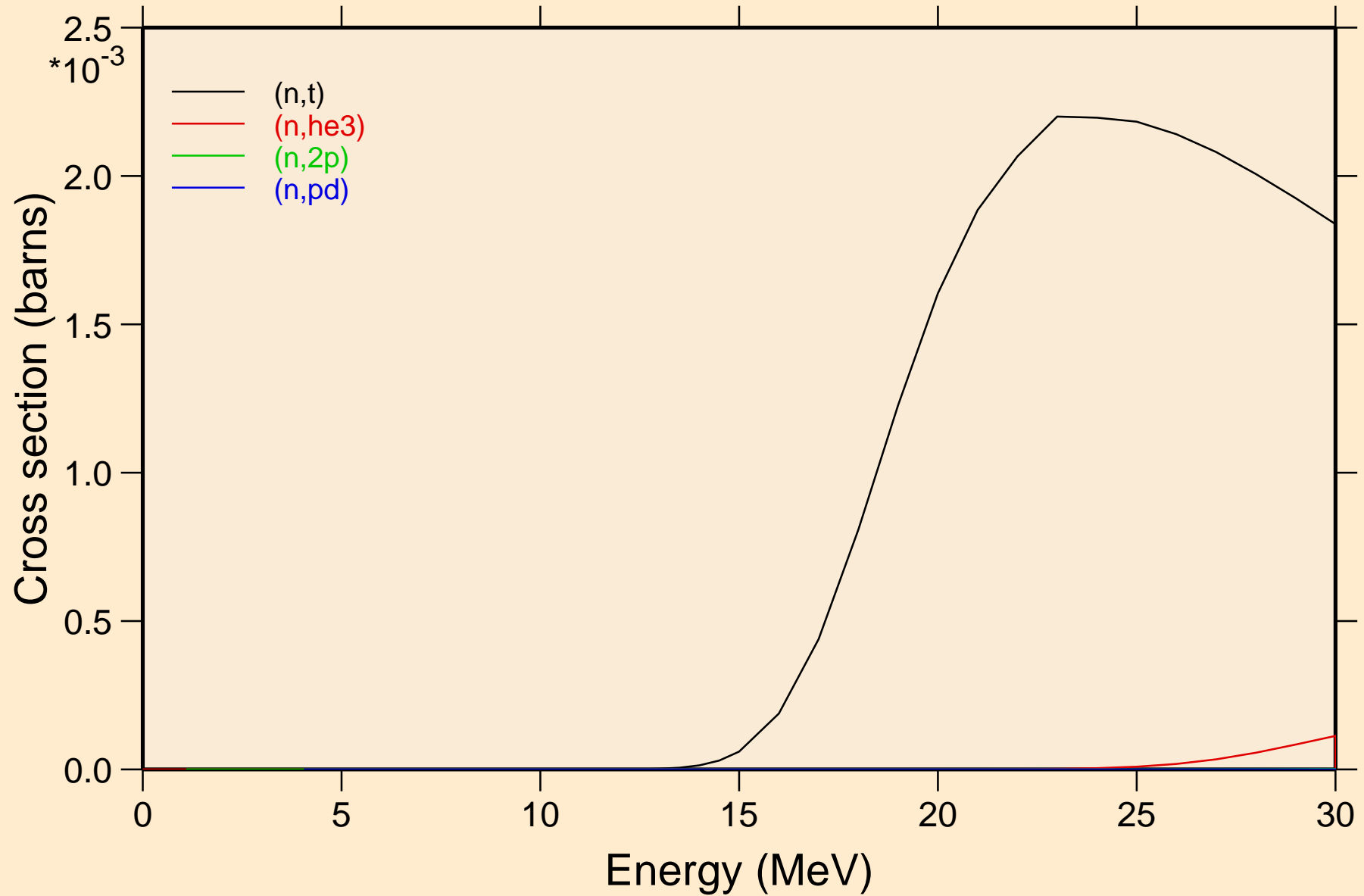


HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



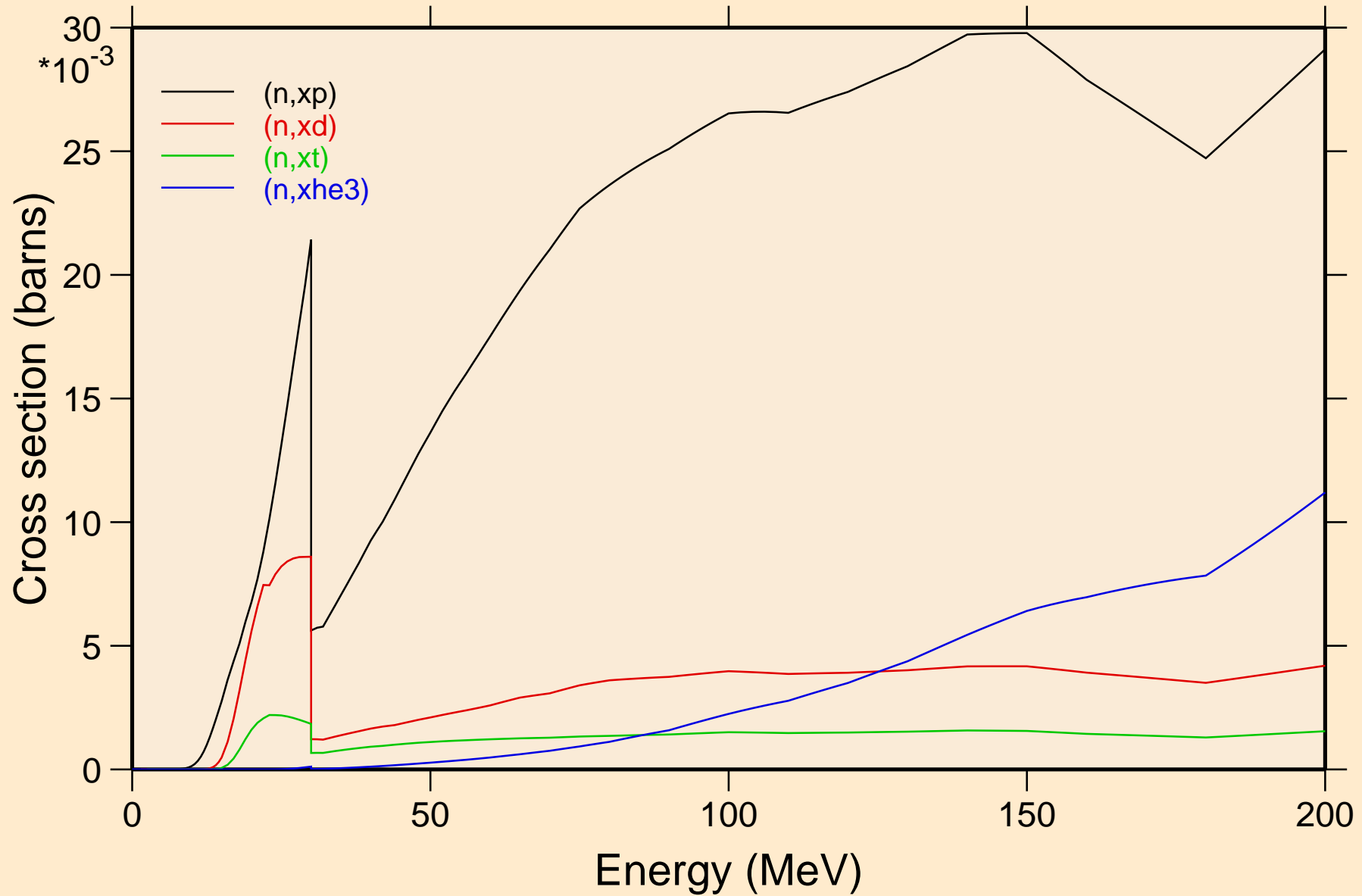
# HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Threshold reactions

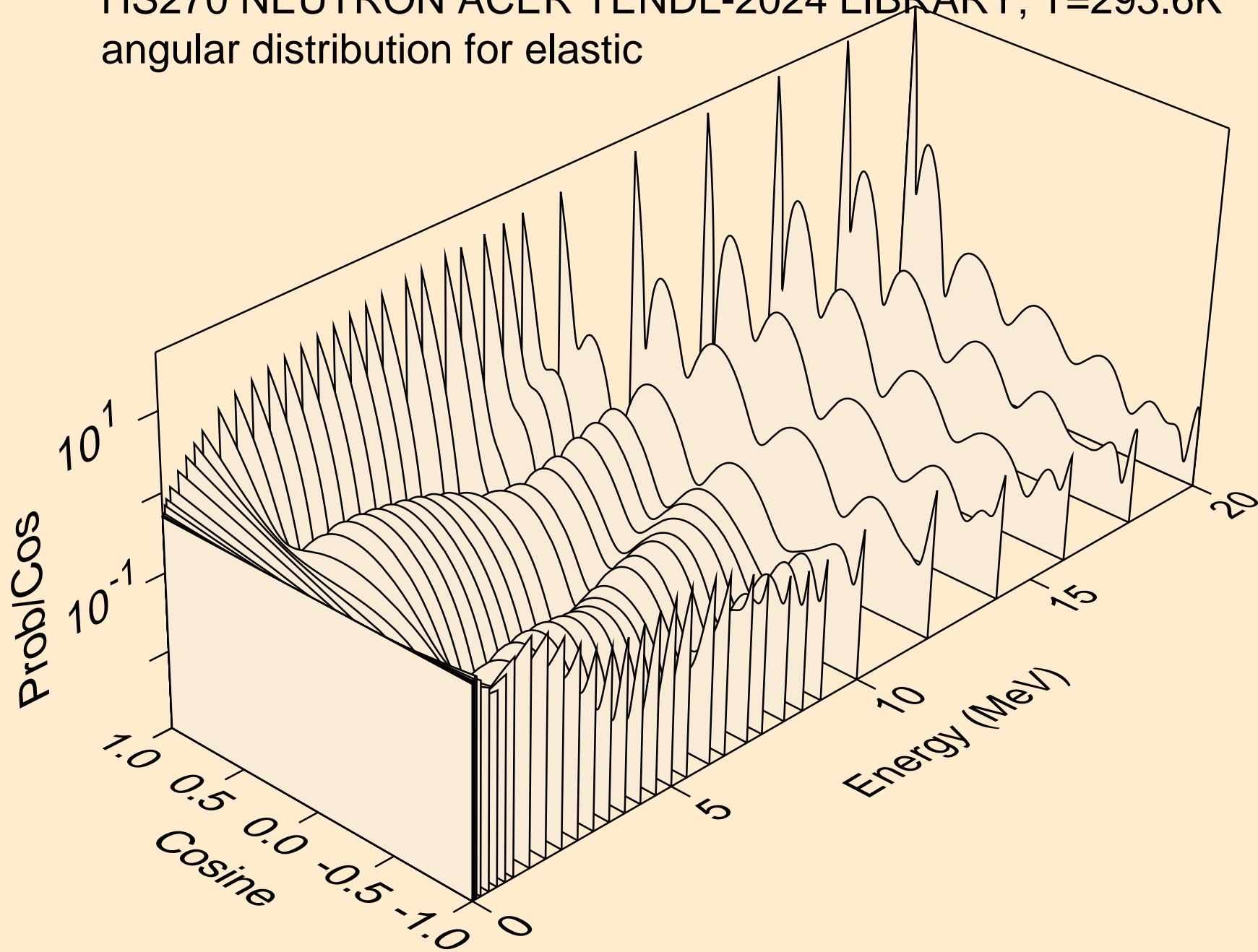


# HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

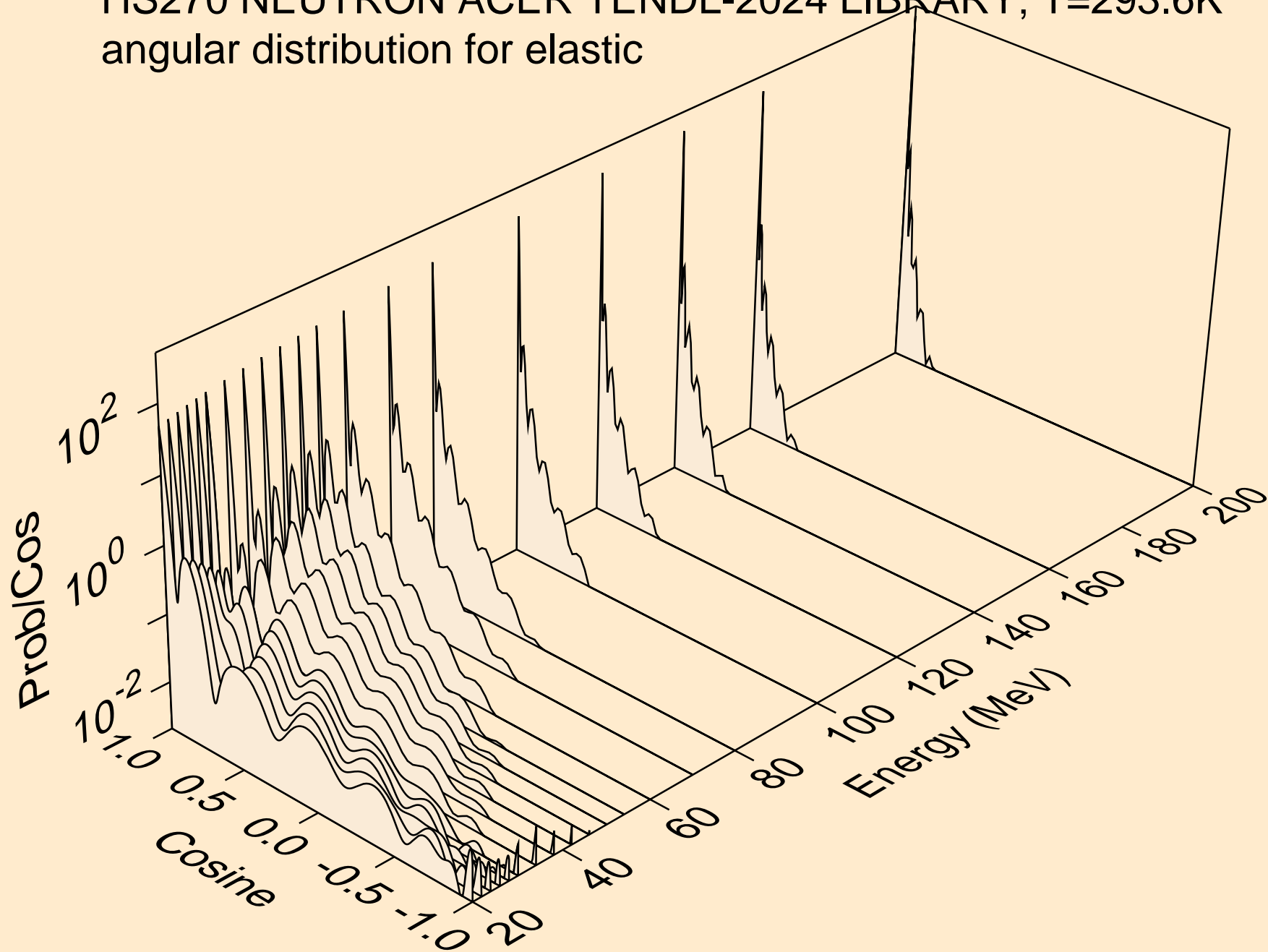
## Threshold reactions



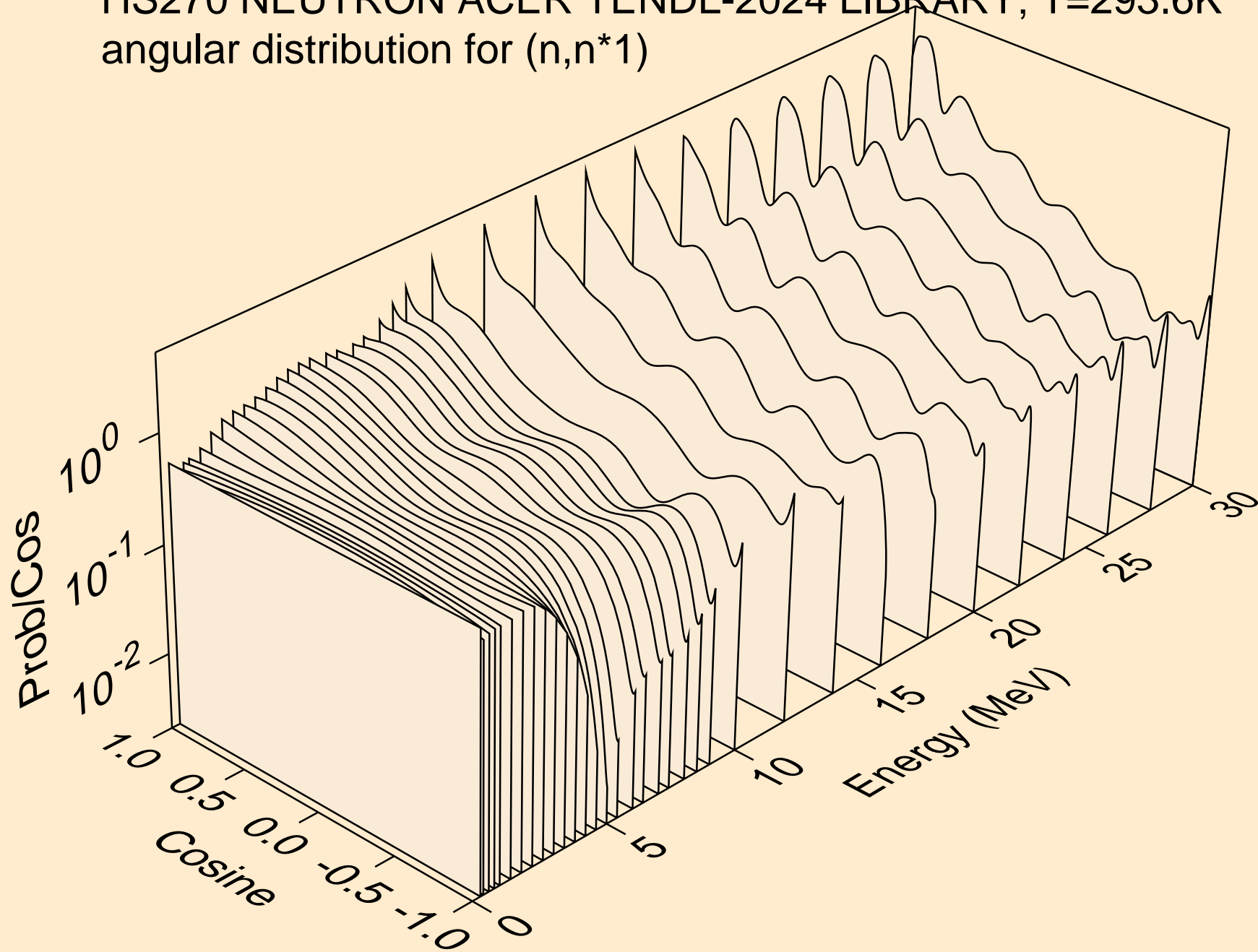
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



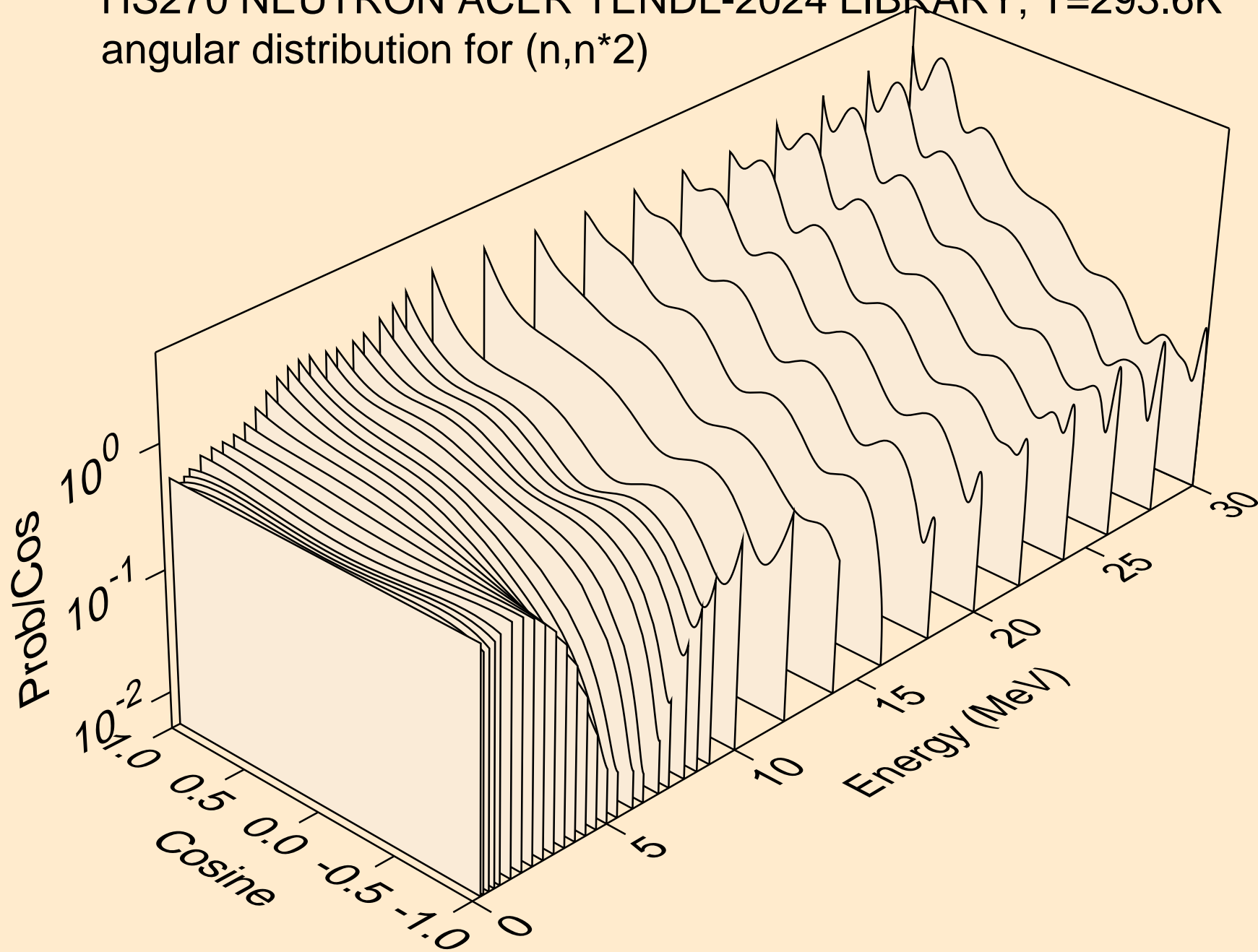
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



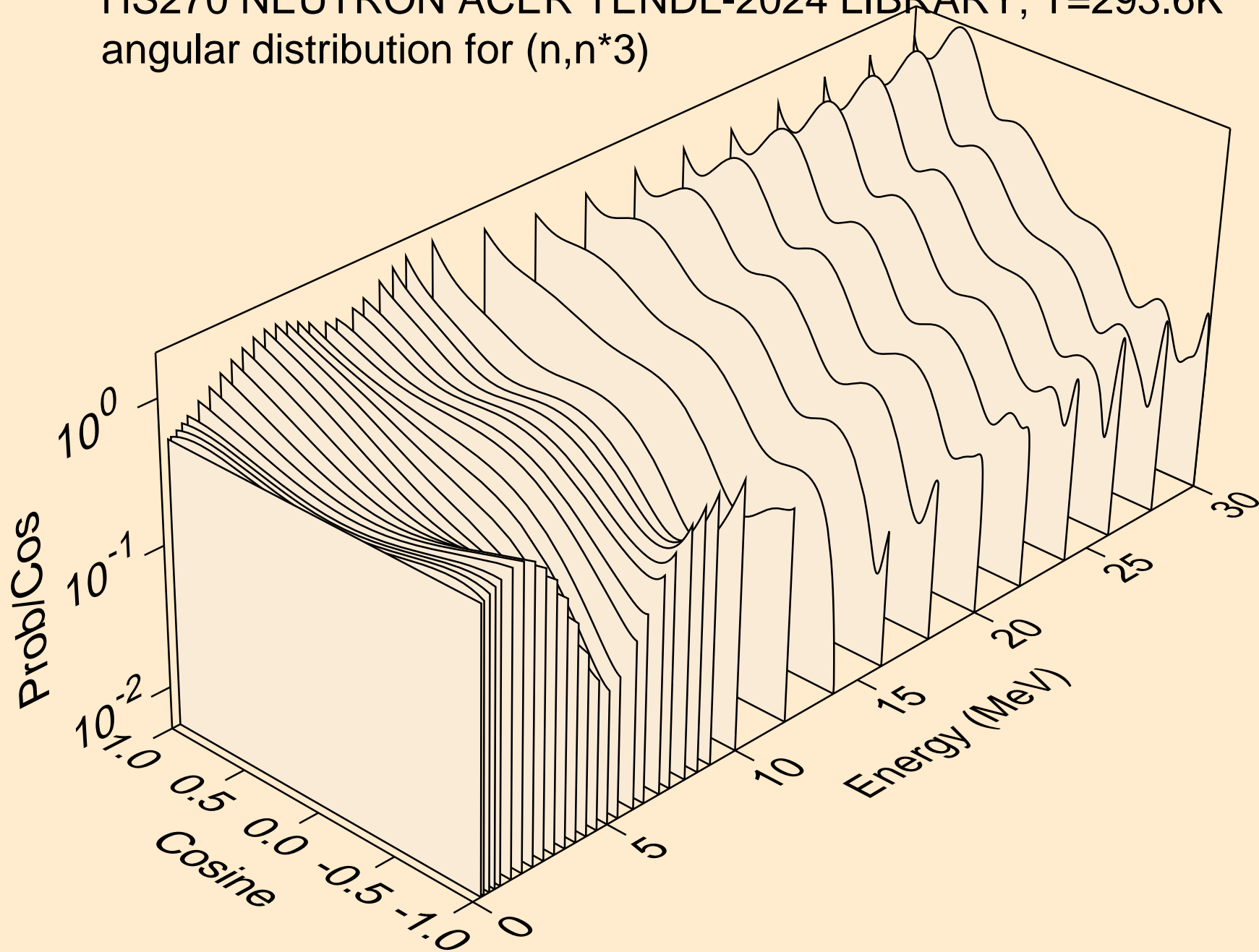
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



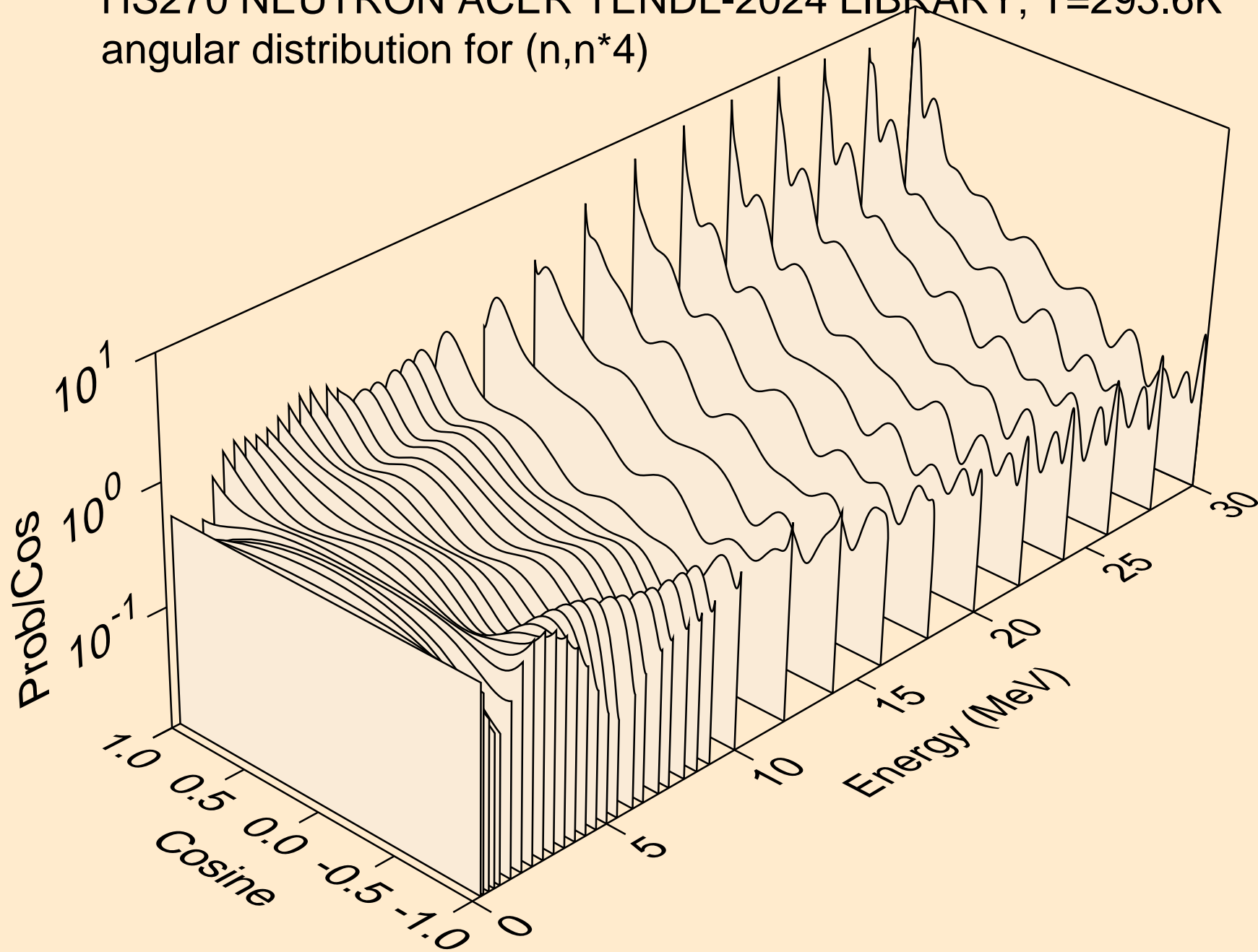
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



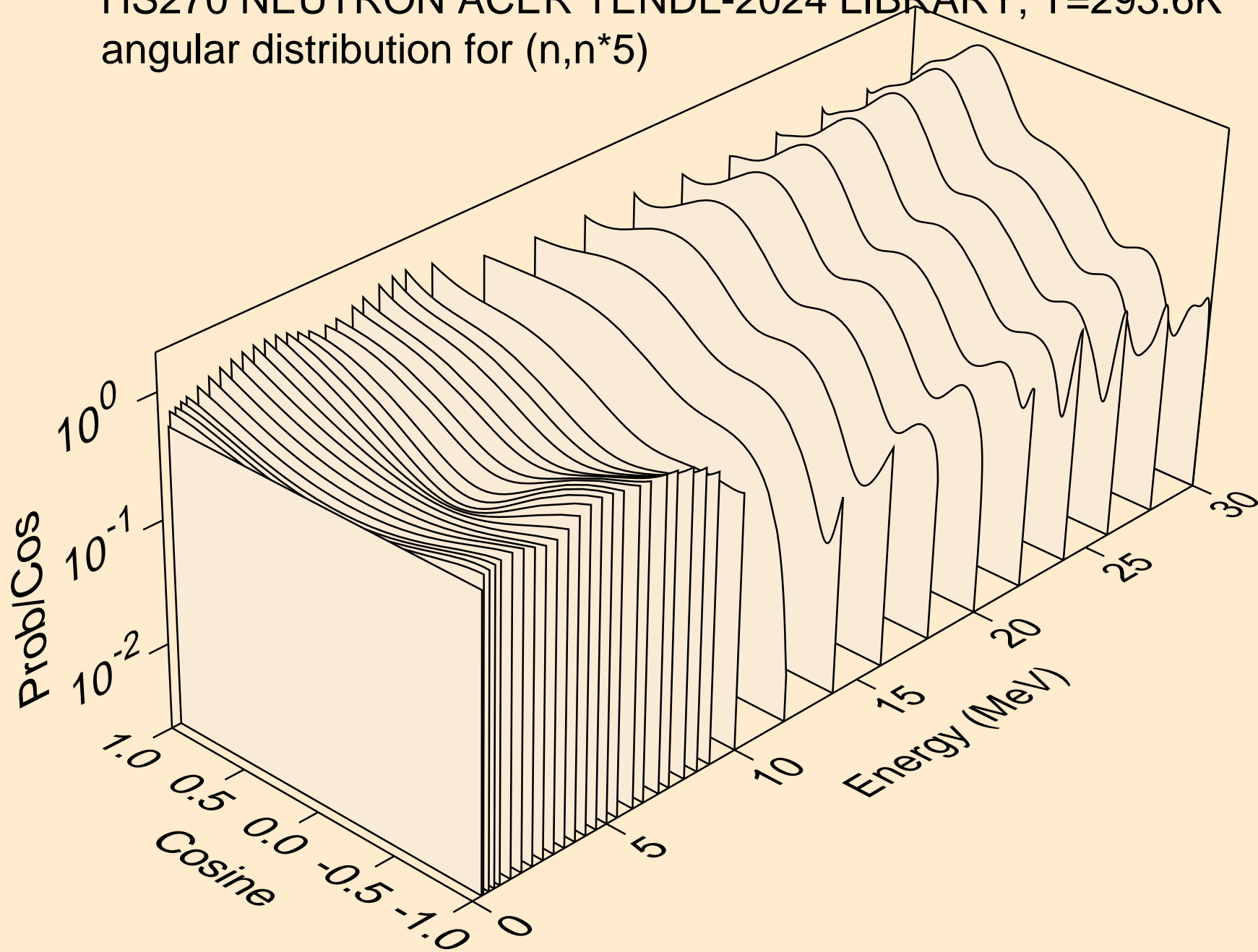
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



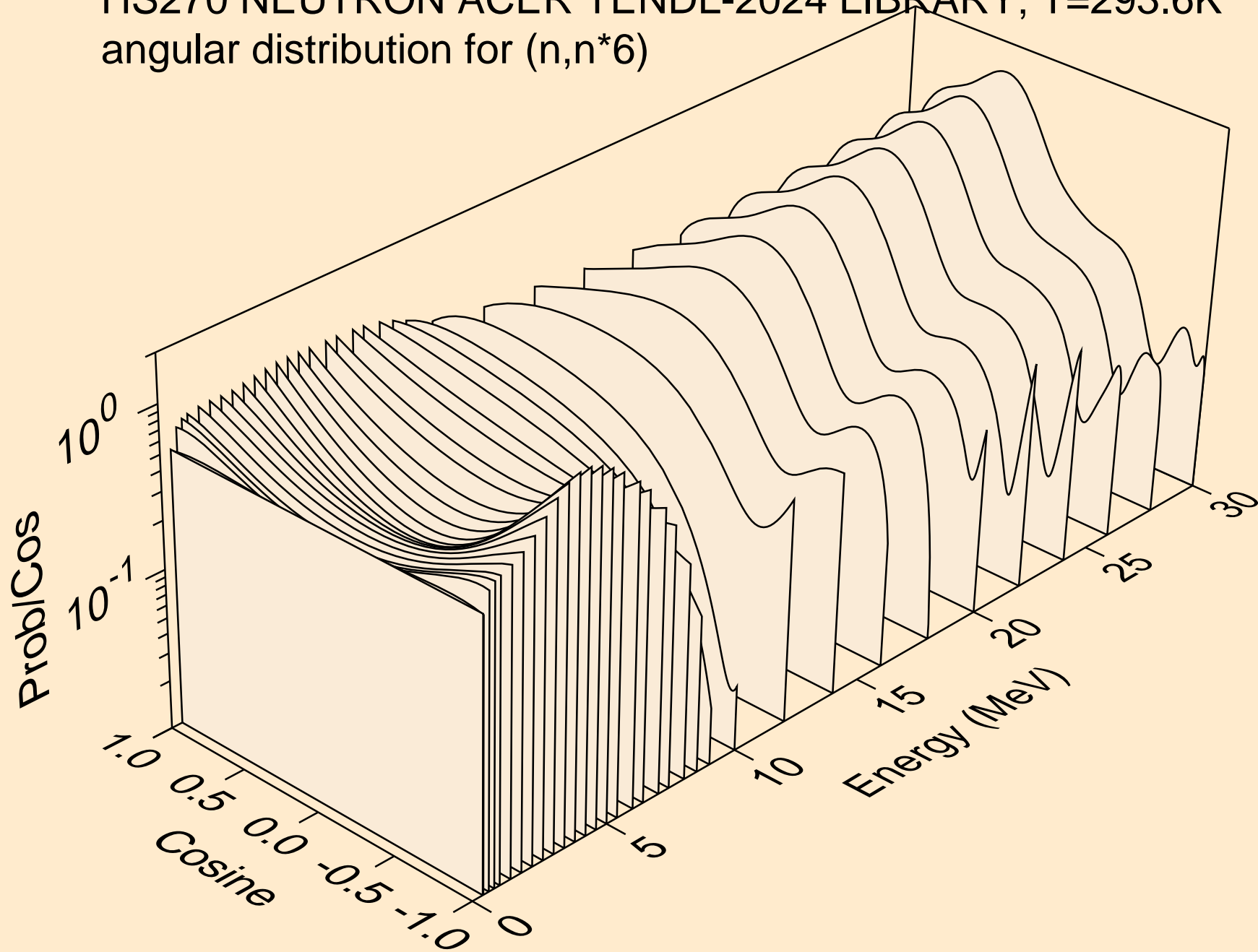
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



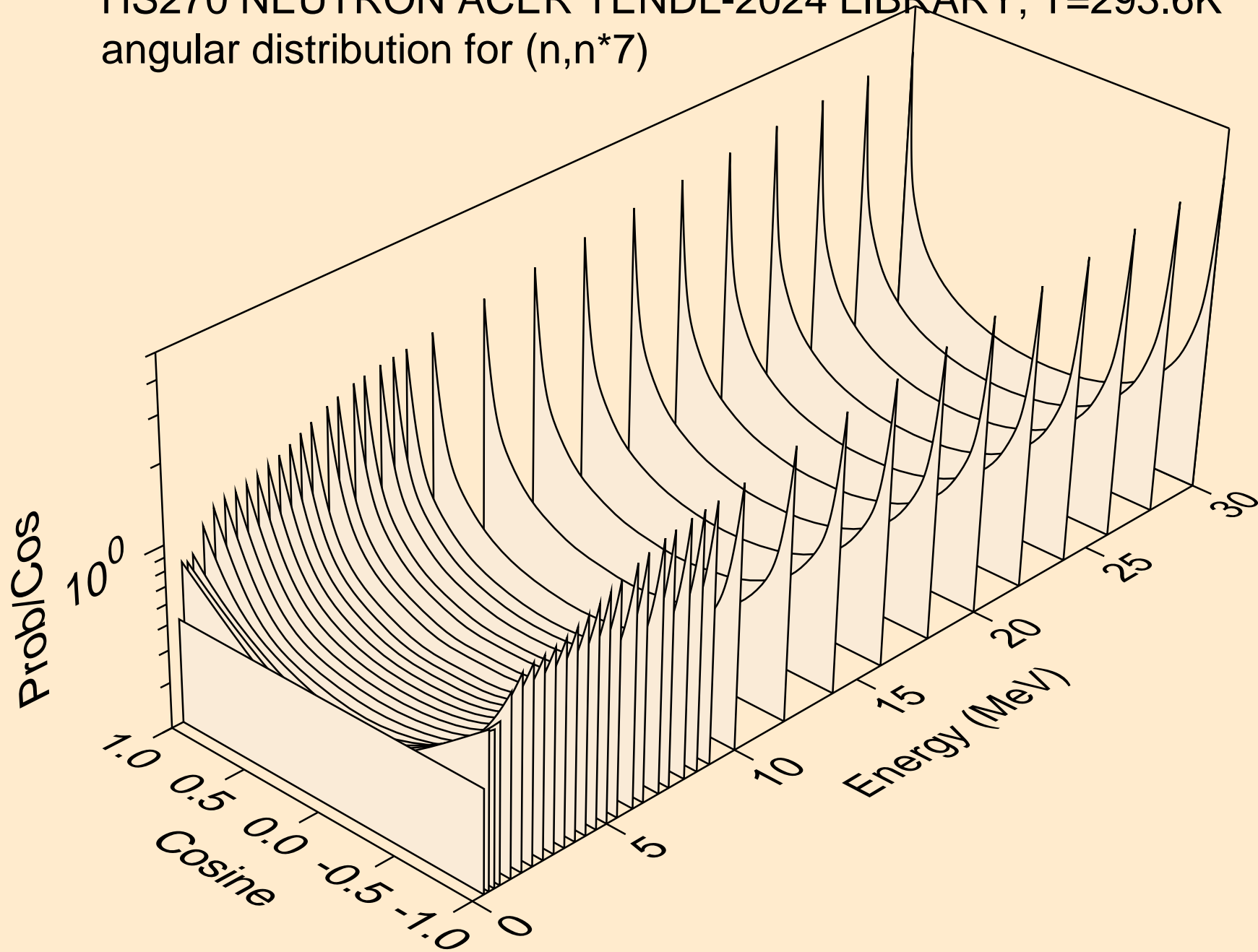
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



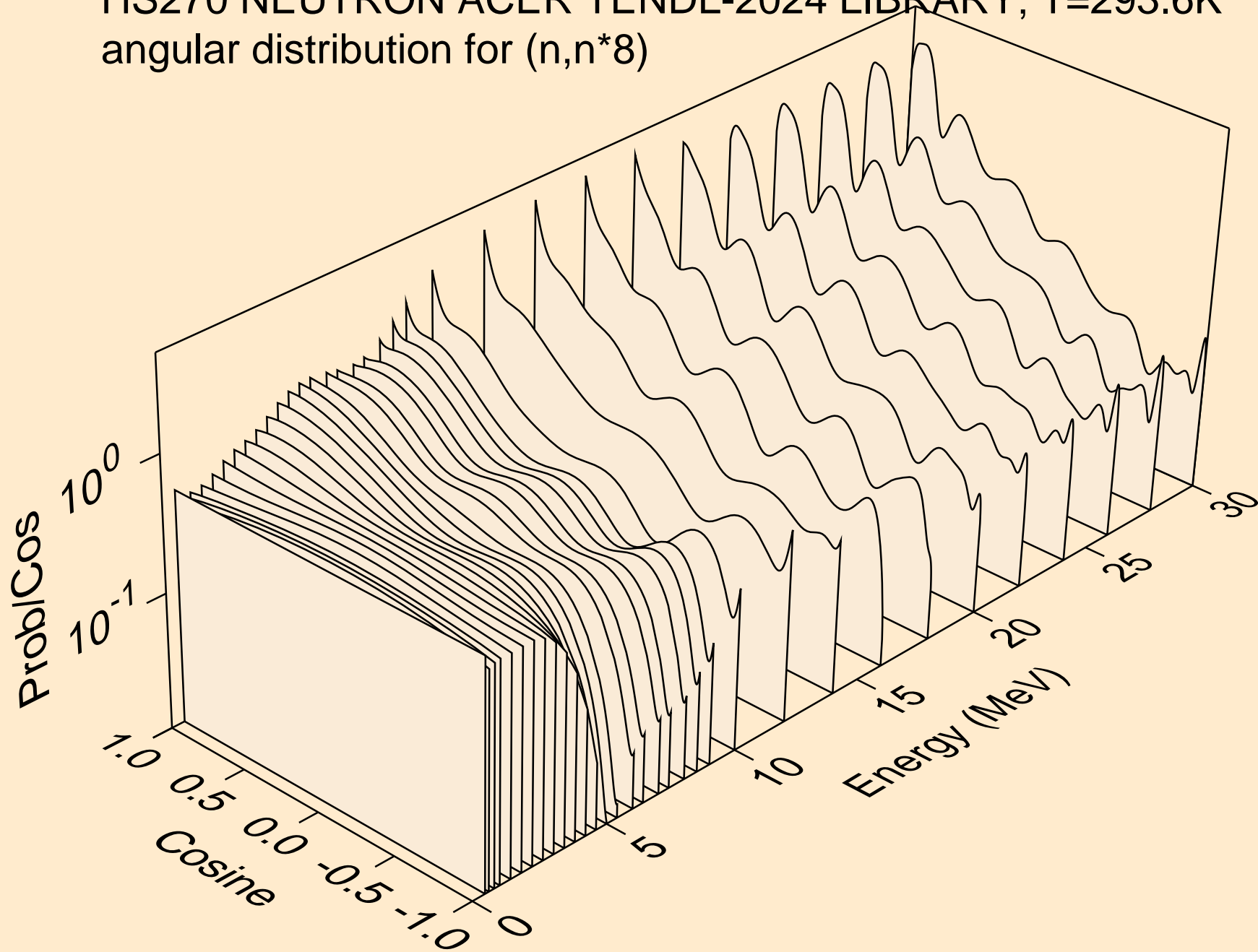
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angular distribution for (n,n\*6)



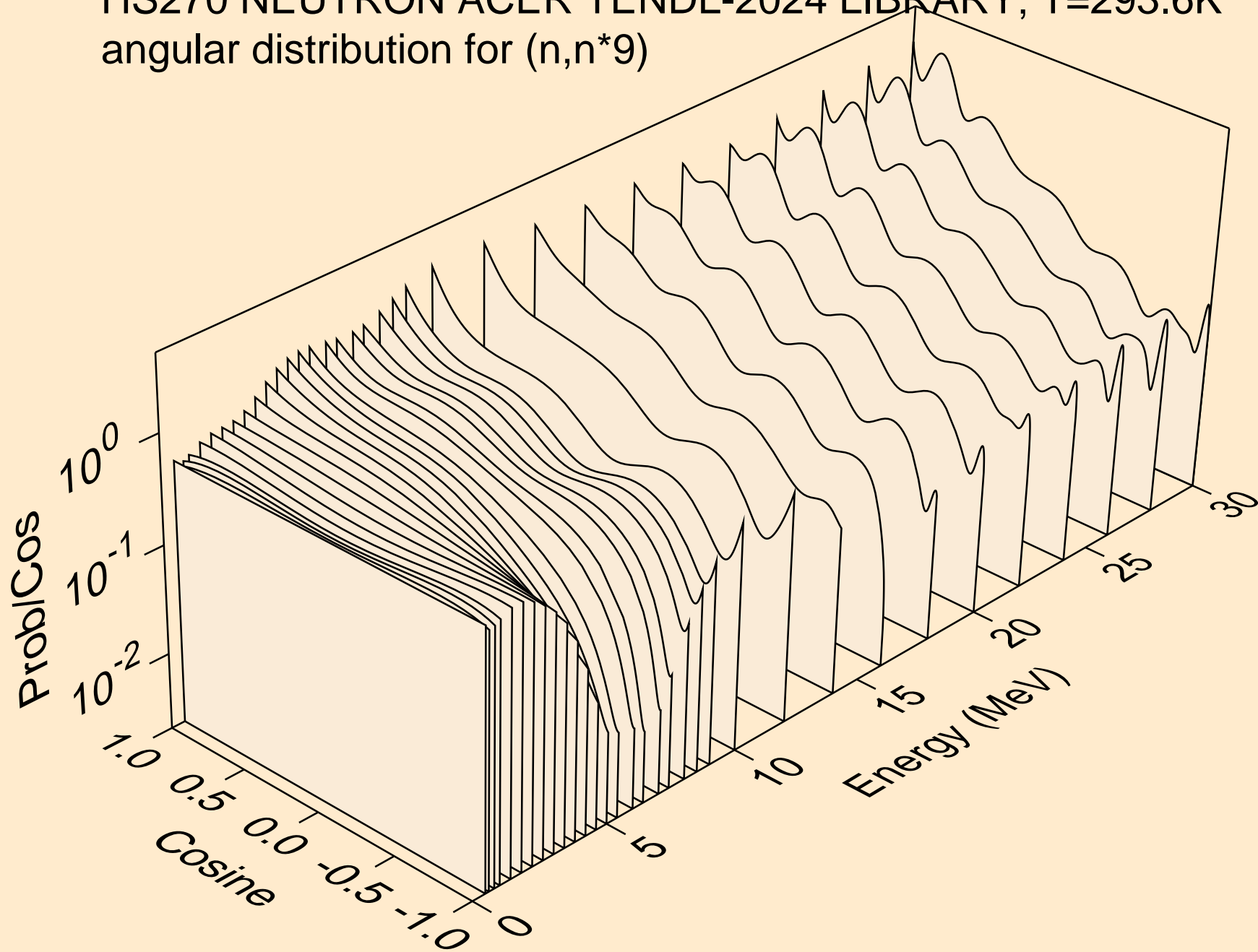
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angular distribution for (n,n\*7)



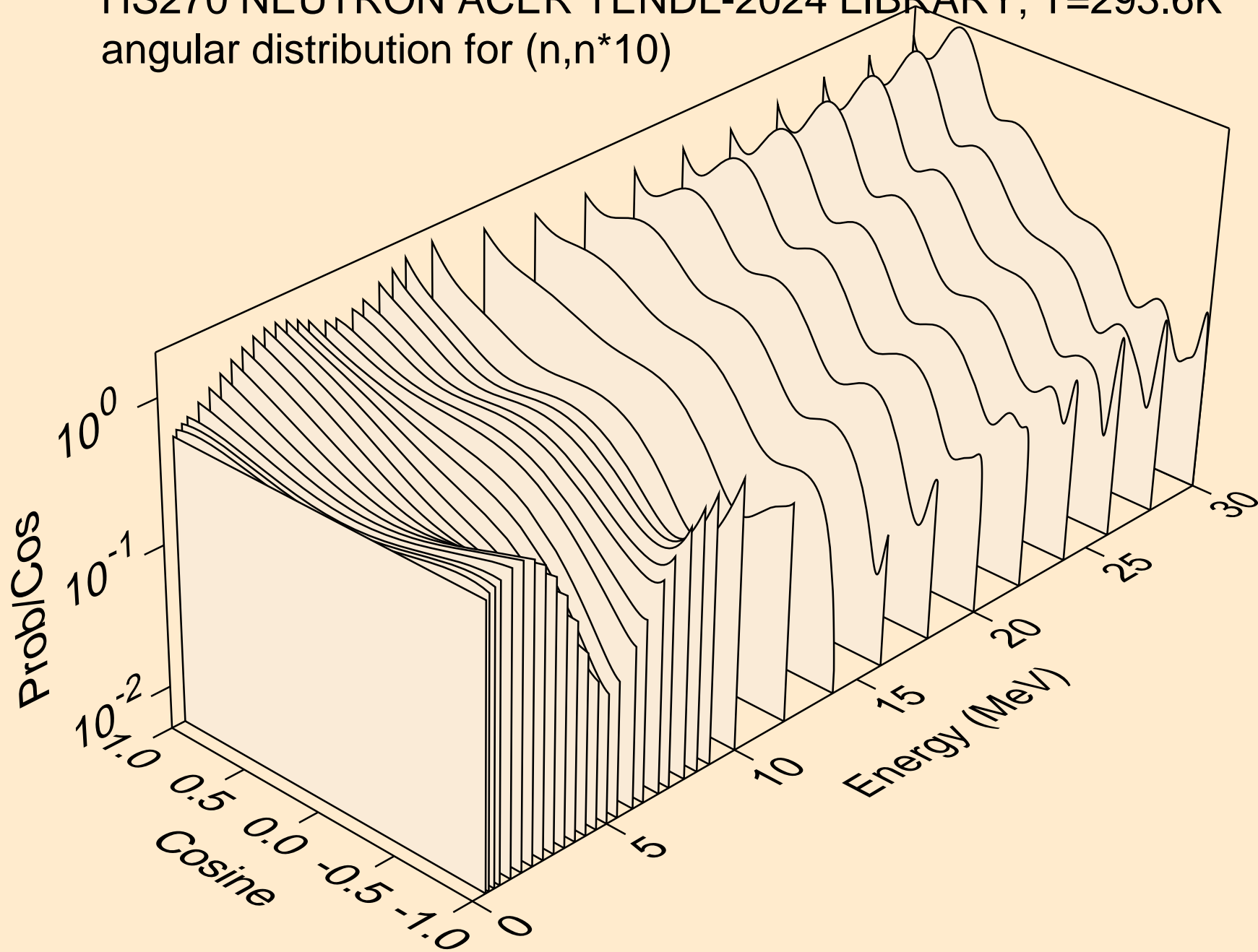
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angular distribution for (n,n\*8)



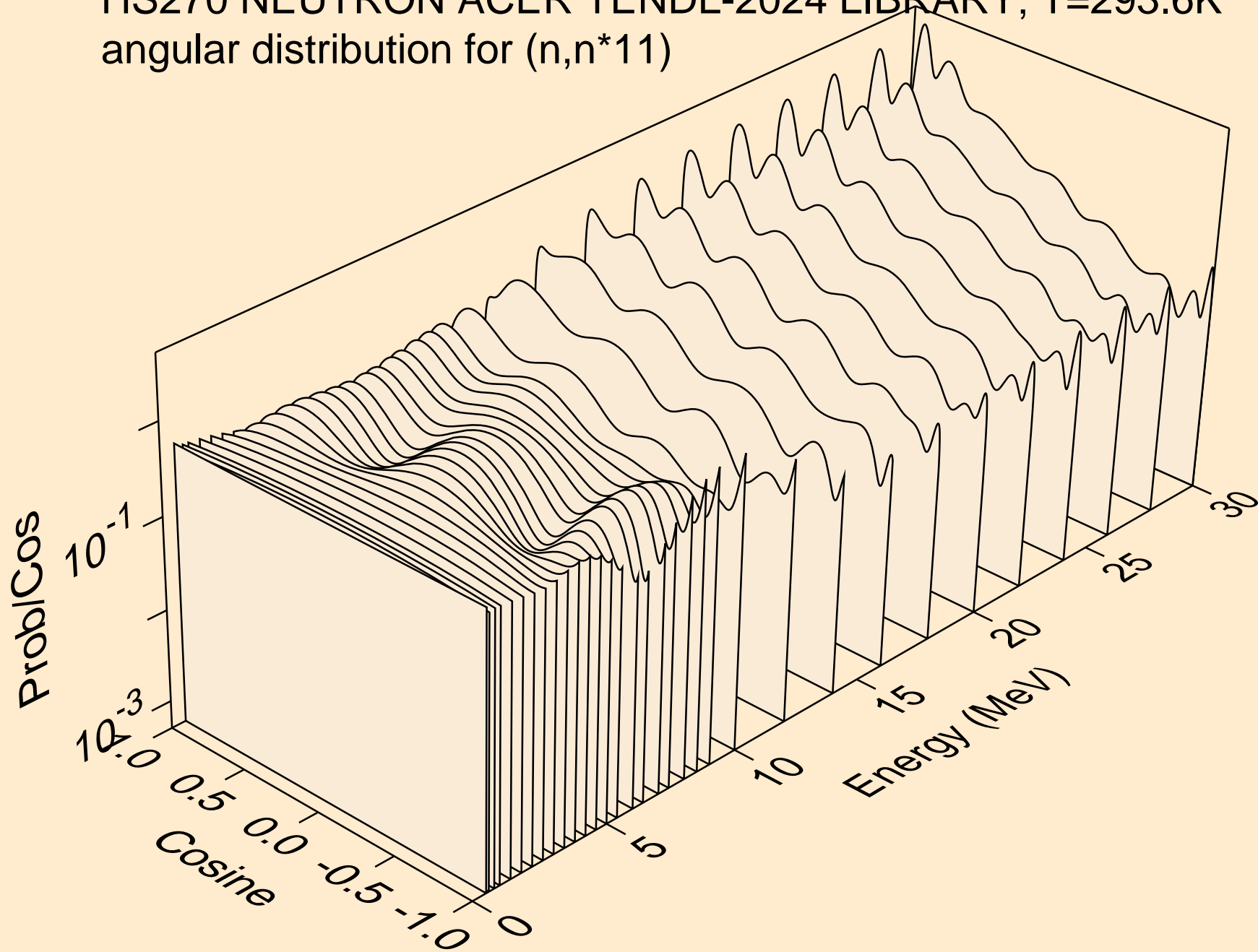
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angular distribution for (n,n\*9)



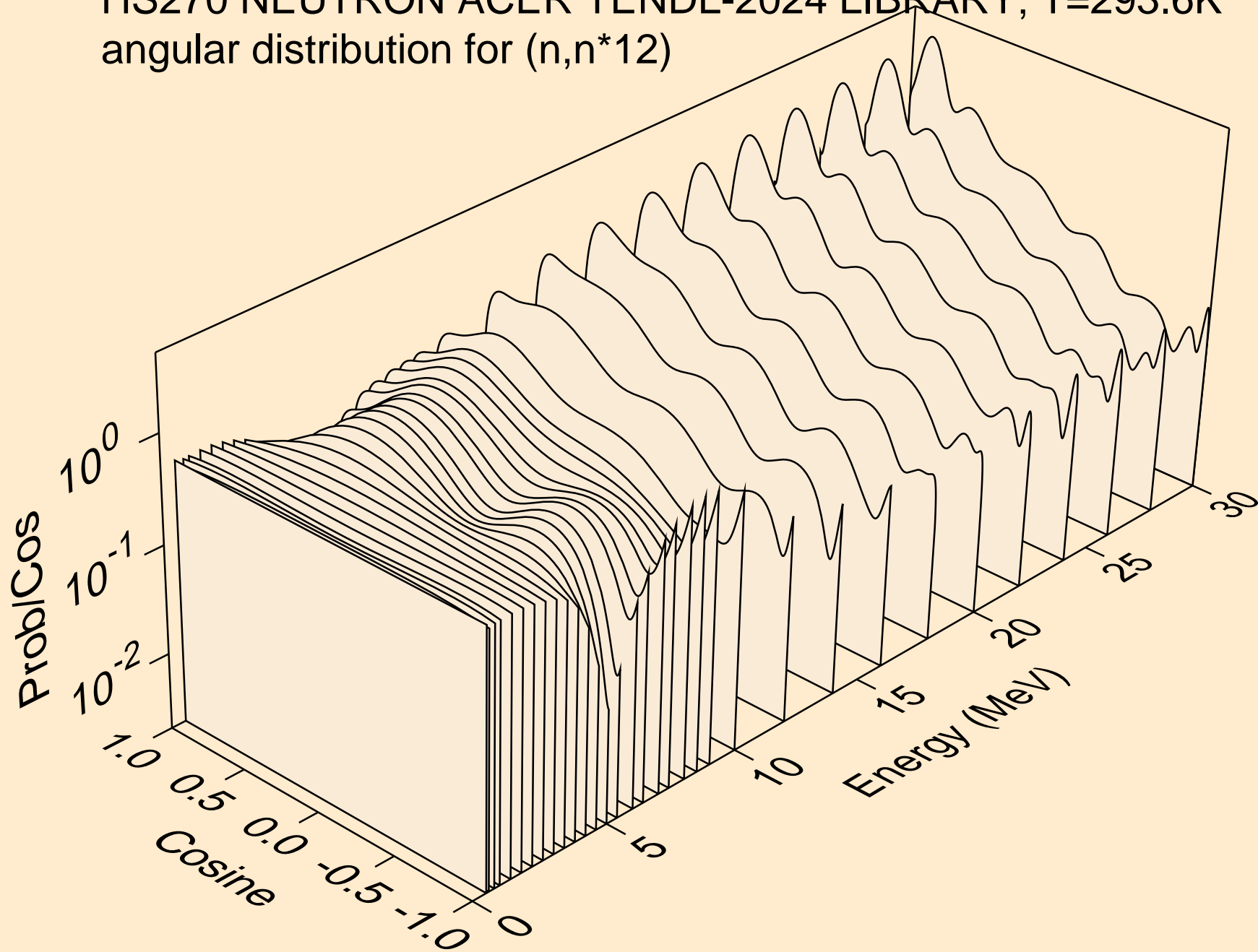
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angular distribution for (n,n\*10)



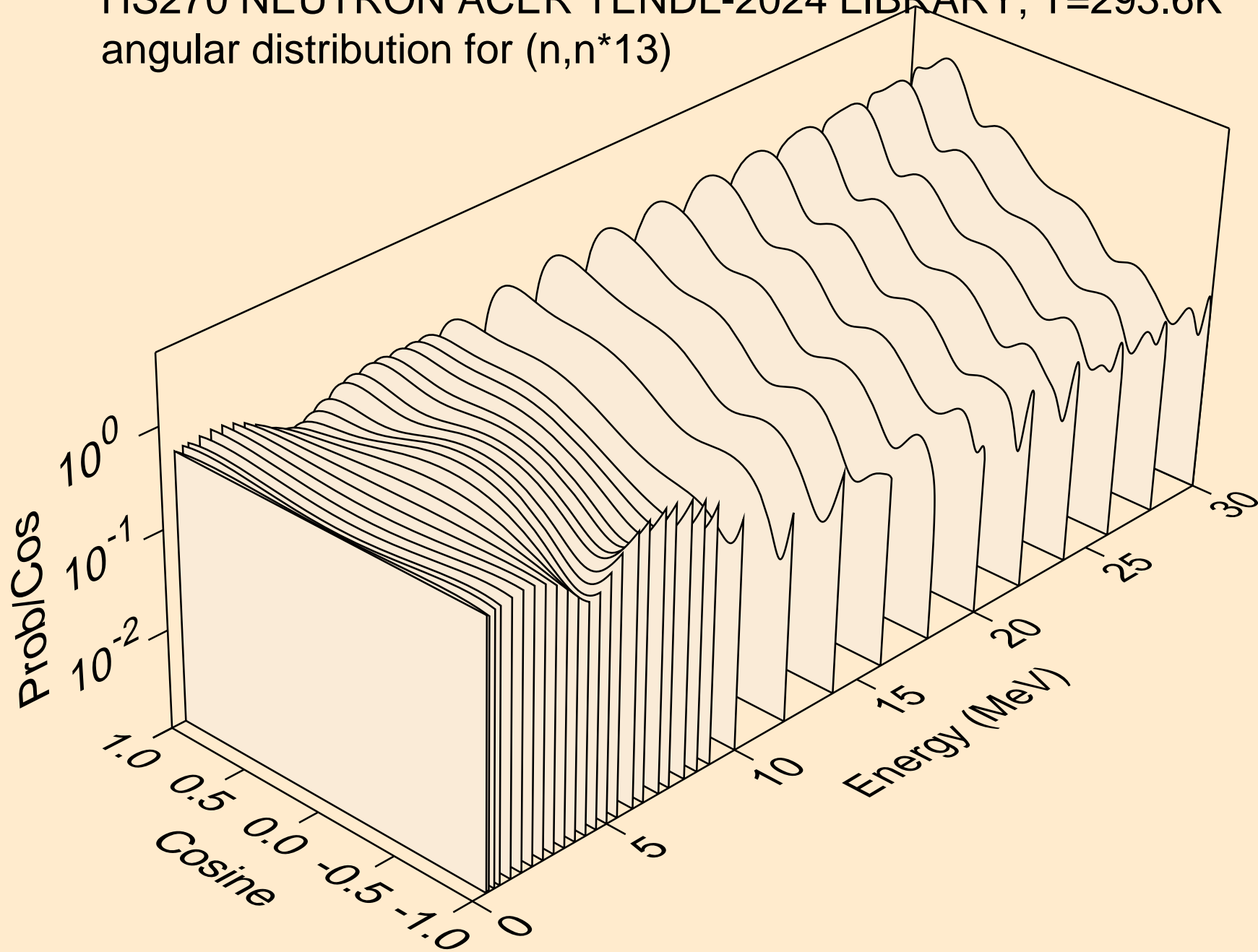
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



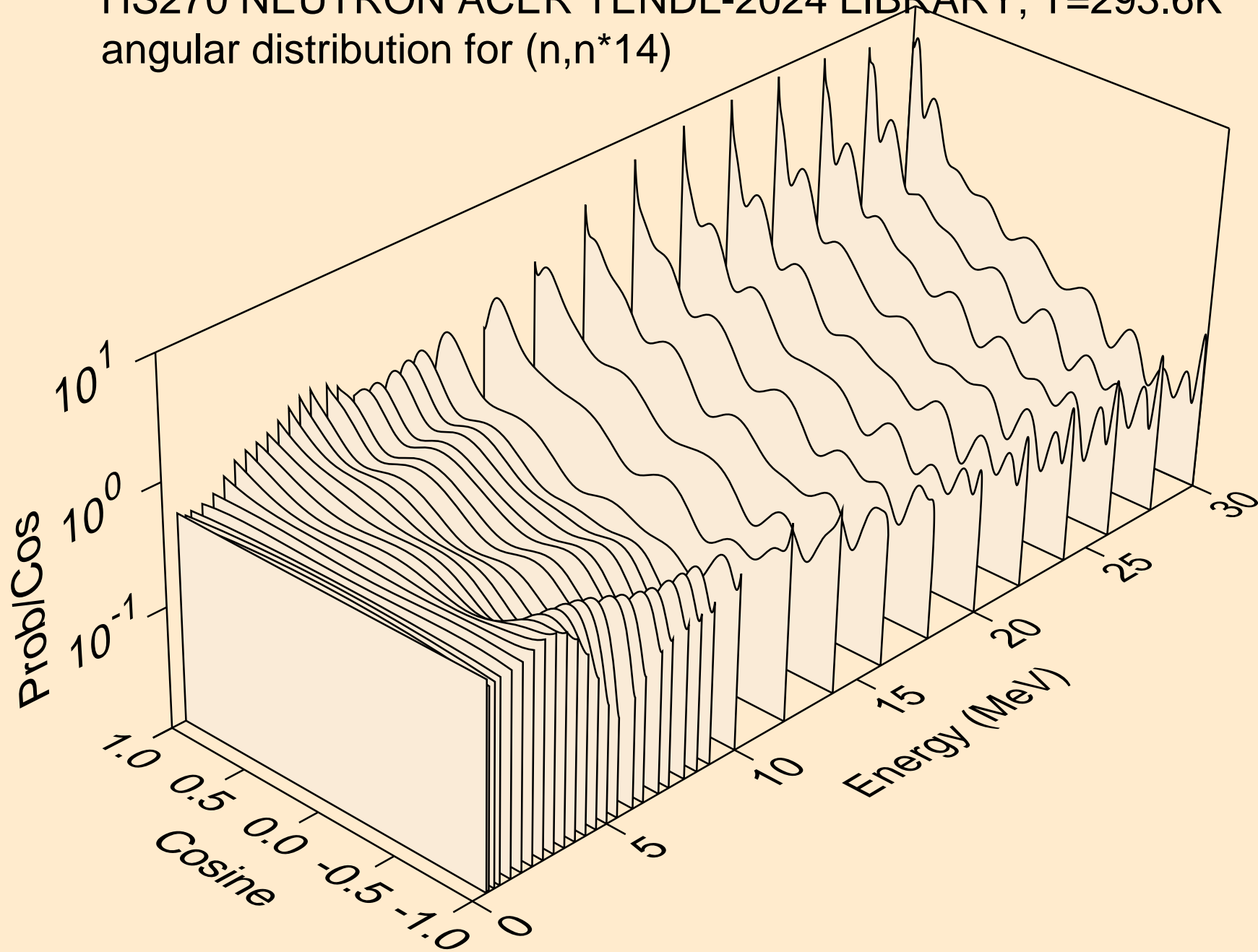
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angular distribution for (n,n\*12)



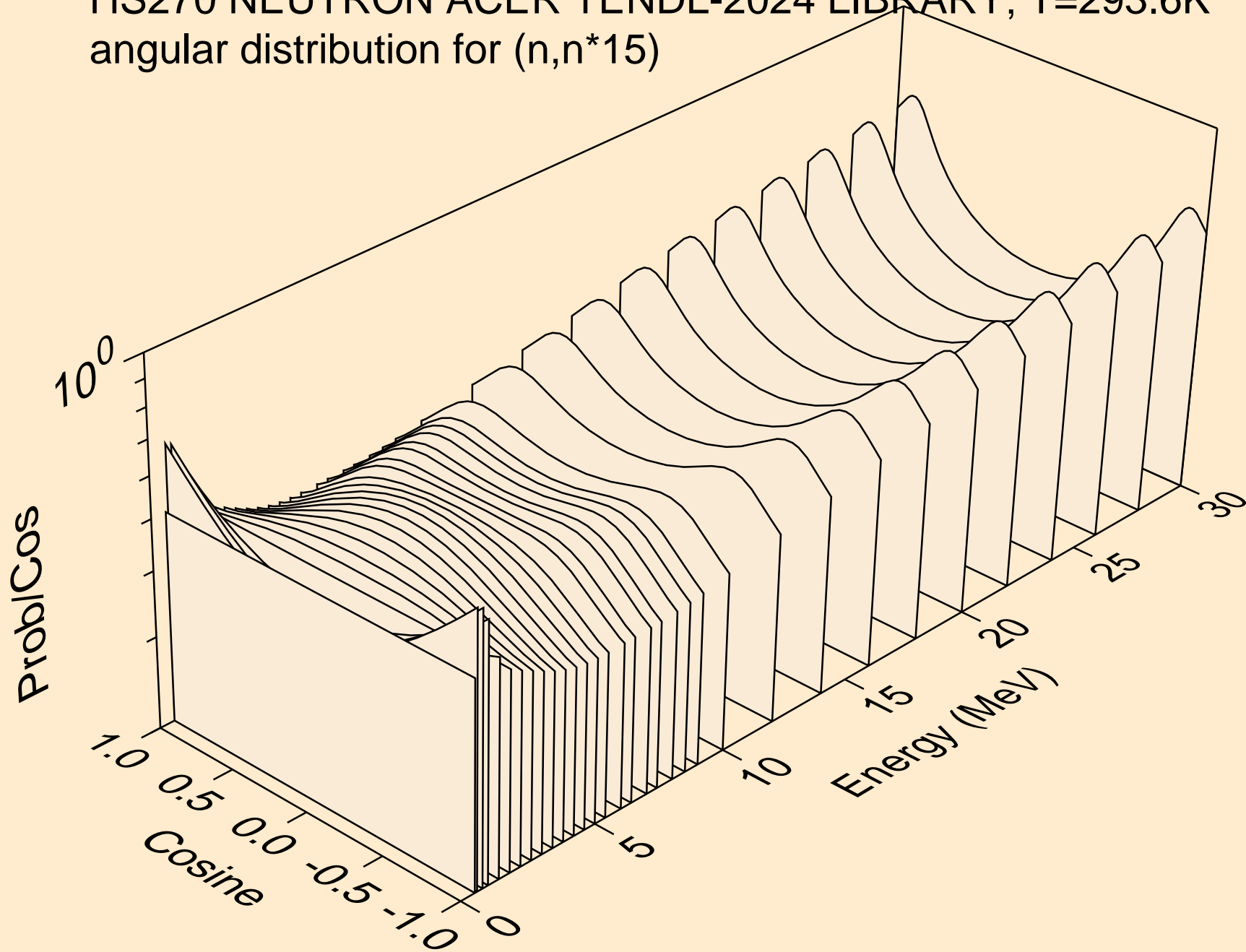
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angular distribution for (n,n\*13)



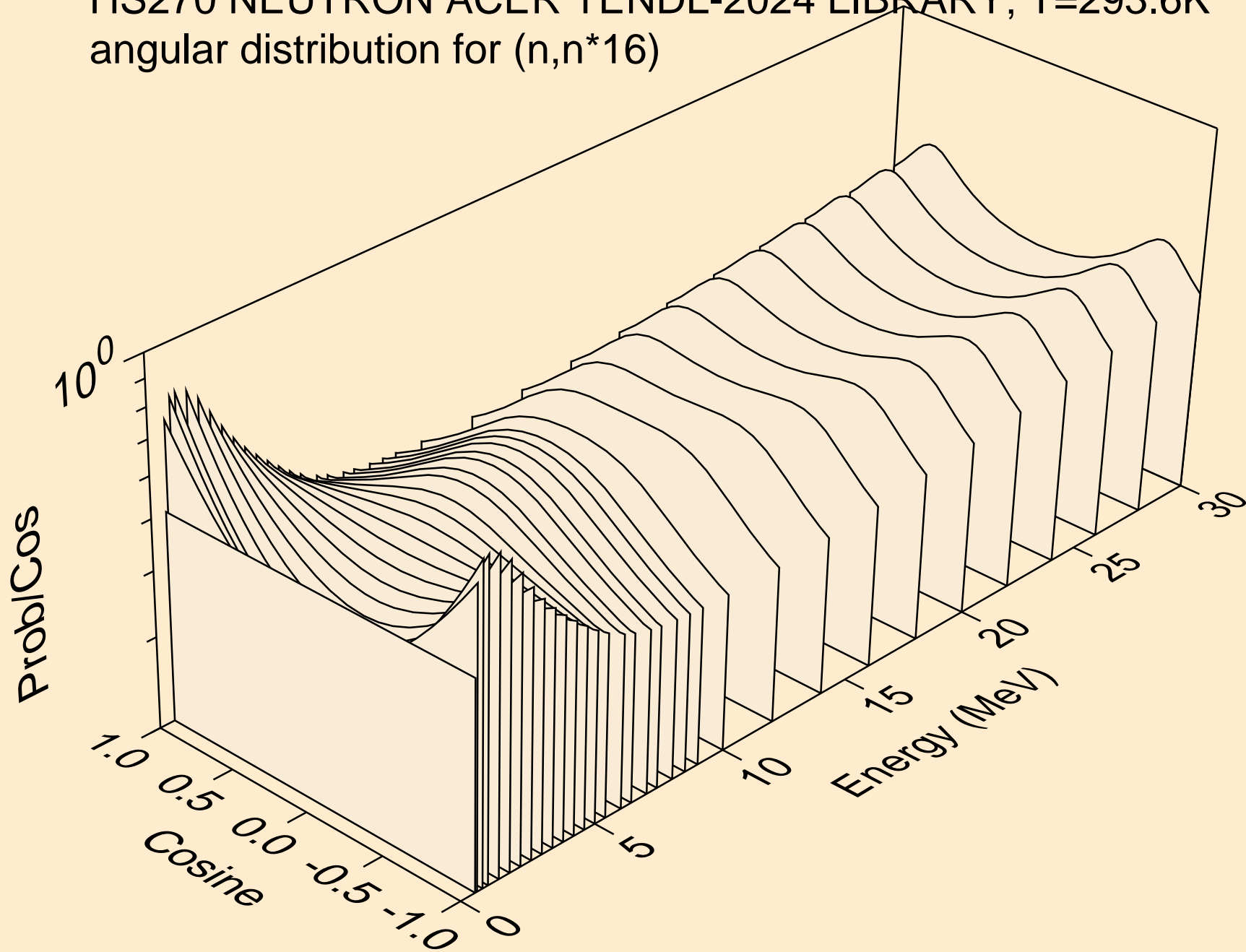
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angular distribution for (n,n\*14)



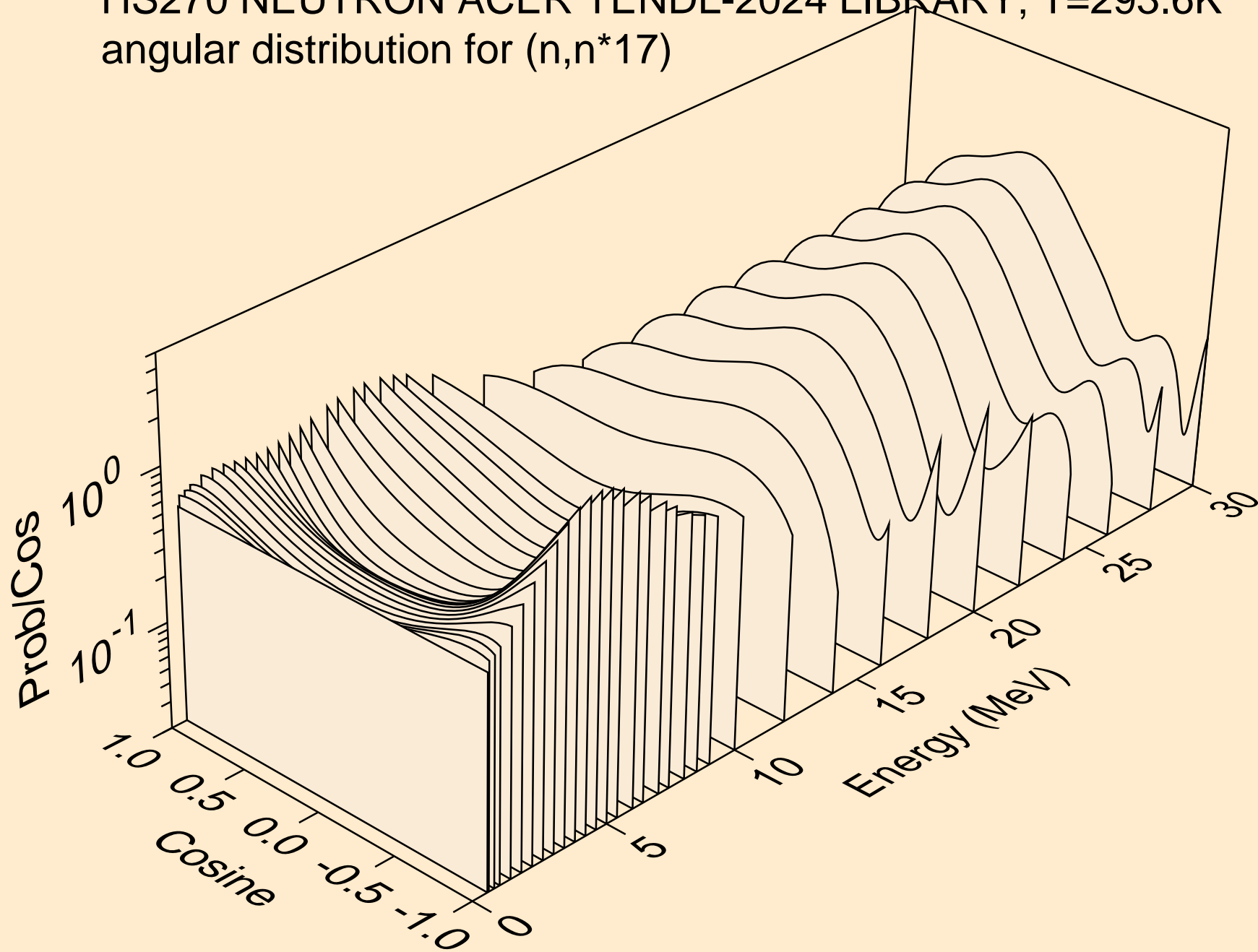
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angular distribution for (n,n\*15)



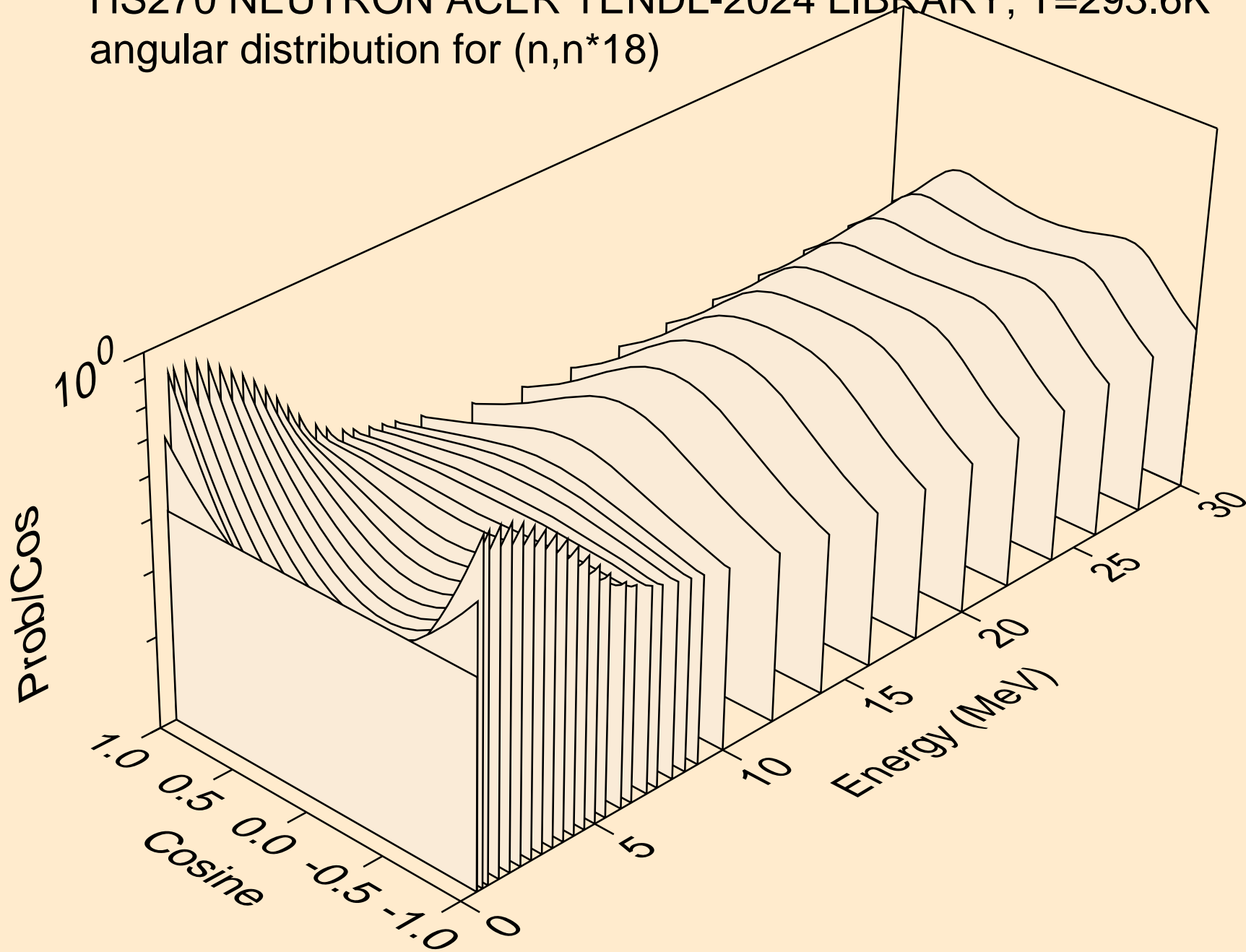
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angular distribution for (n,n\*16)



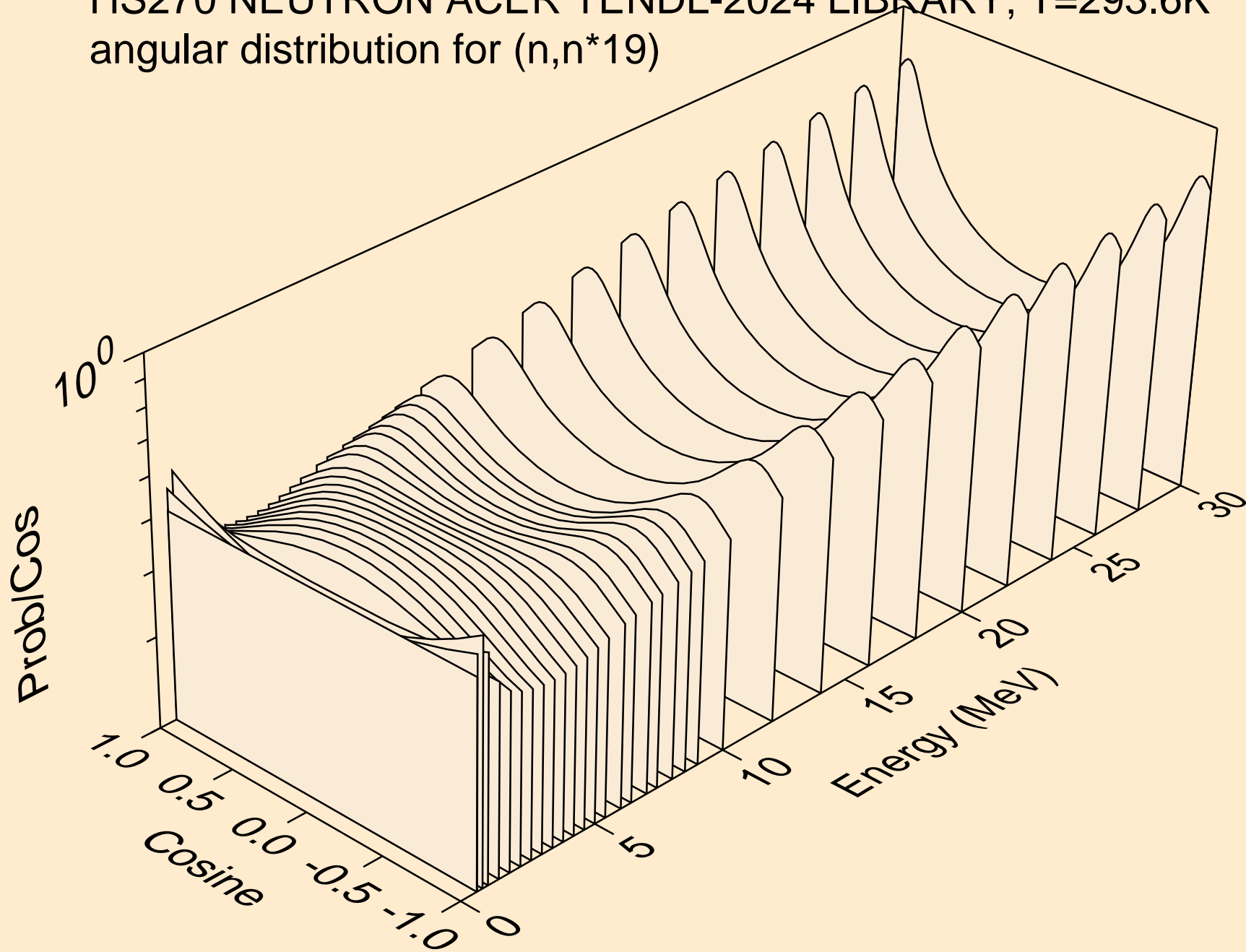
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angular distribution for (n,n\*17)



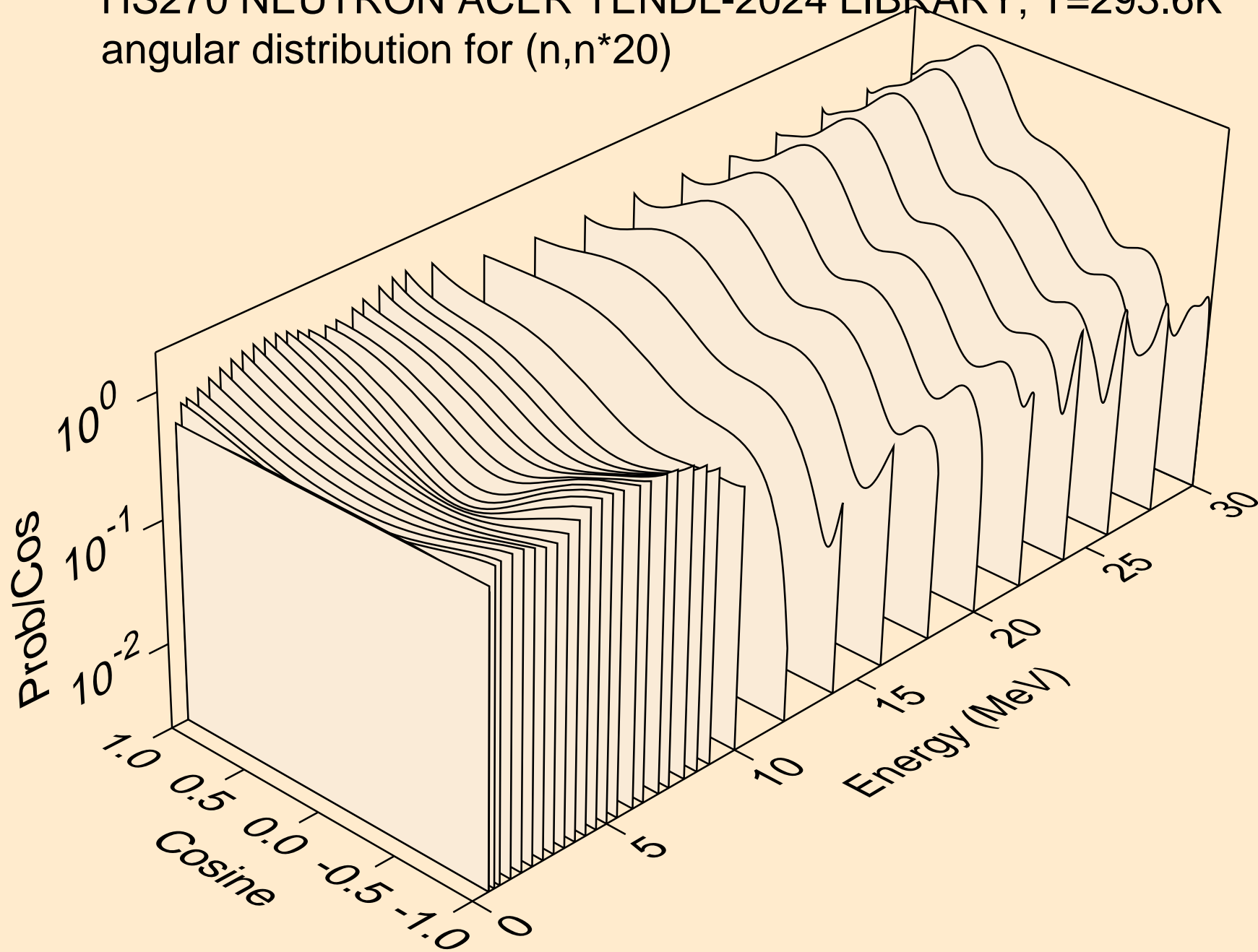
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angular distribution for (n,n\*18)



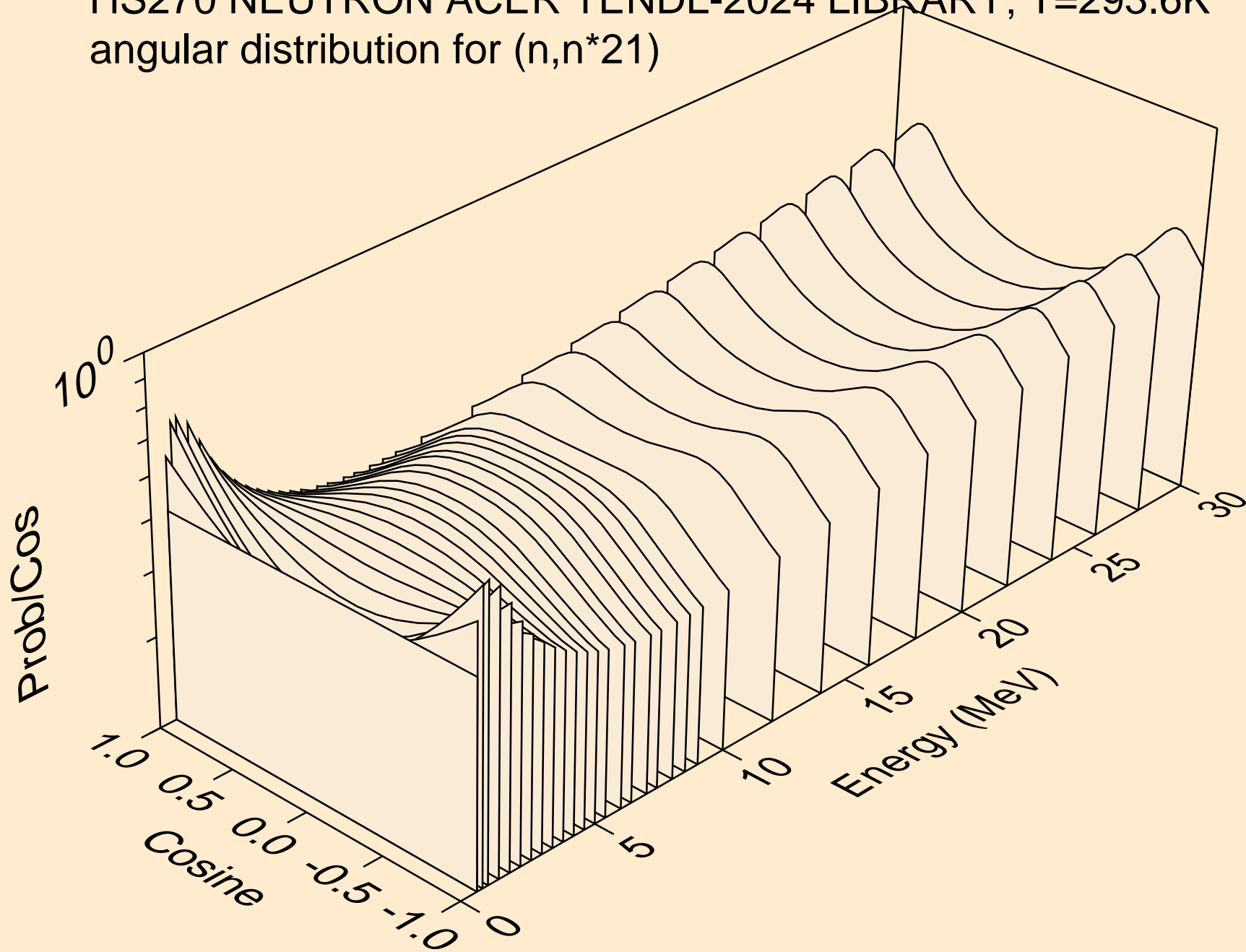
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angular distribution for (n,n\*19)



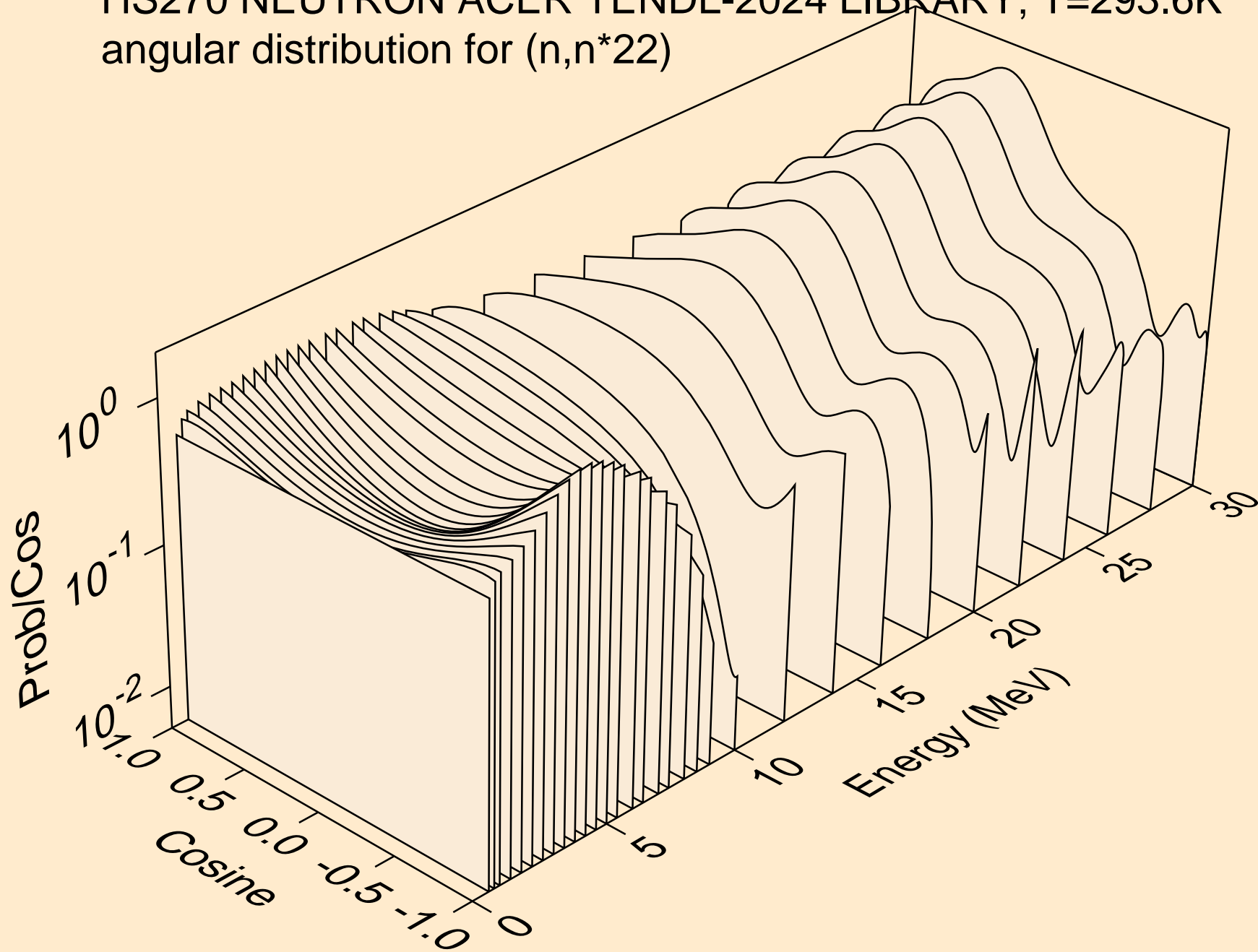
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angular distribution for (n,n\*20)



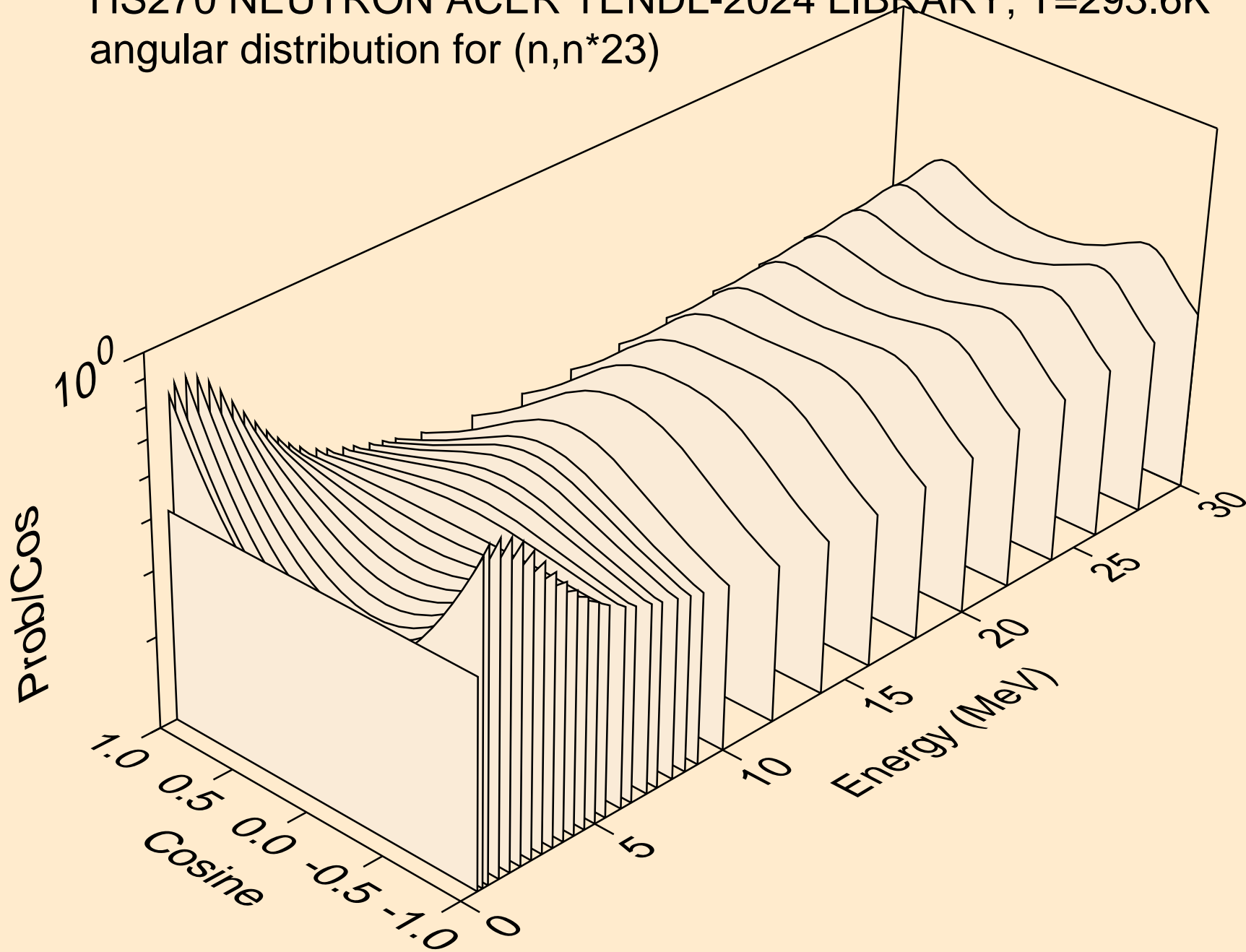
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angular distribution for (n,n\*21)



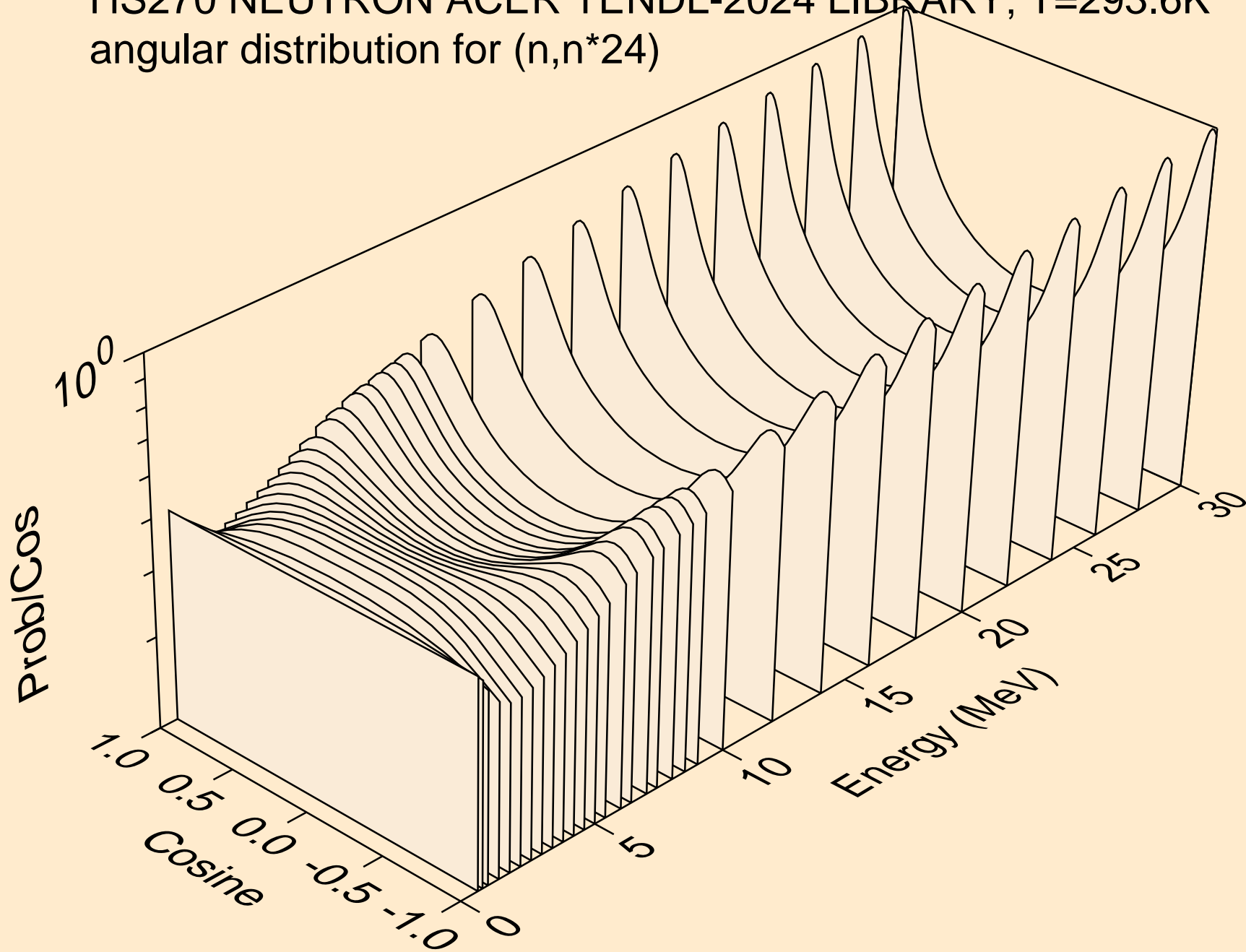
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angular distribution for (n,n\*22)



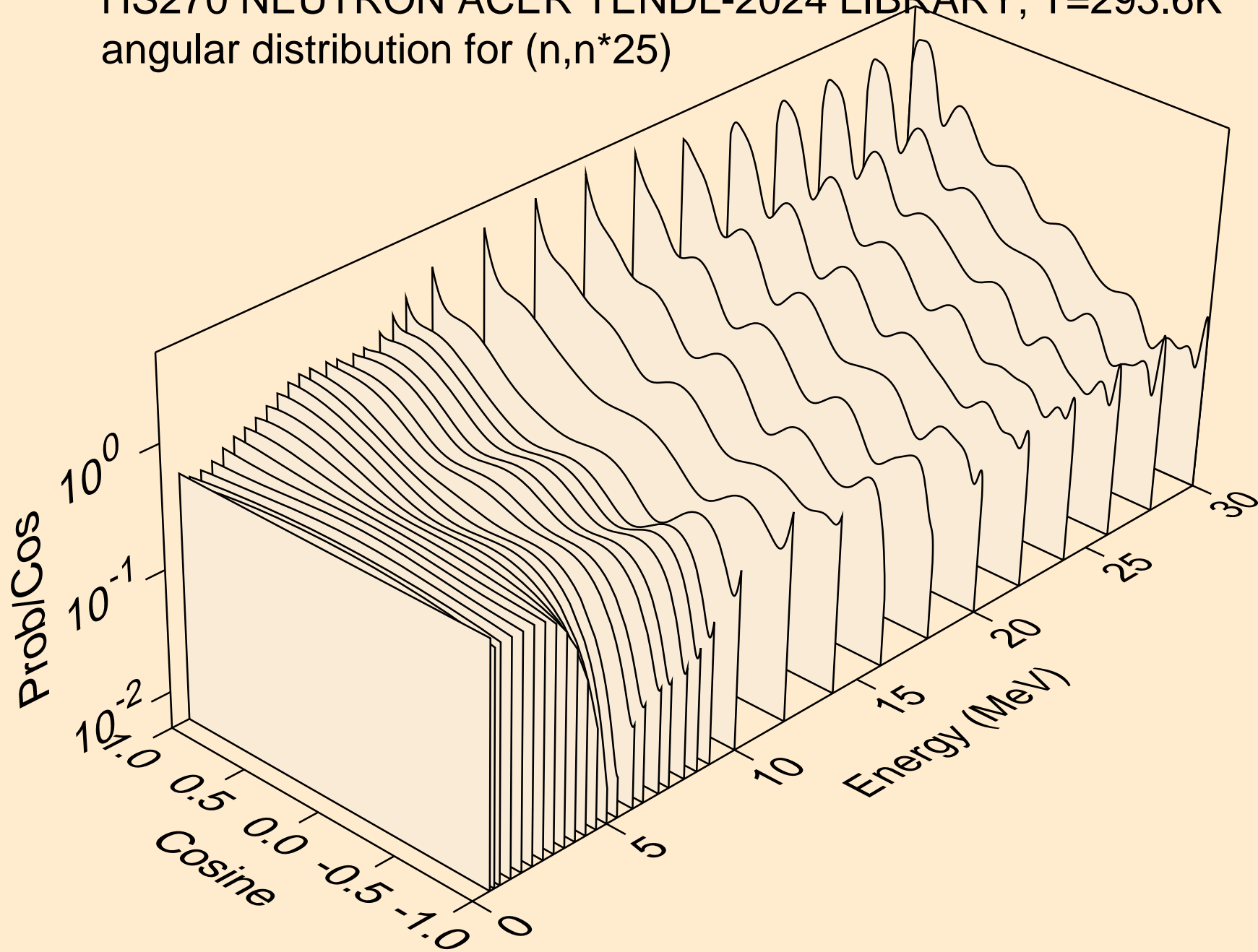
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angular distribution for (n,n\*23)



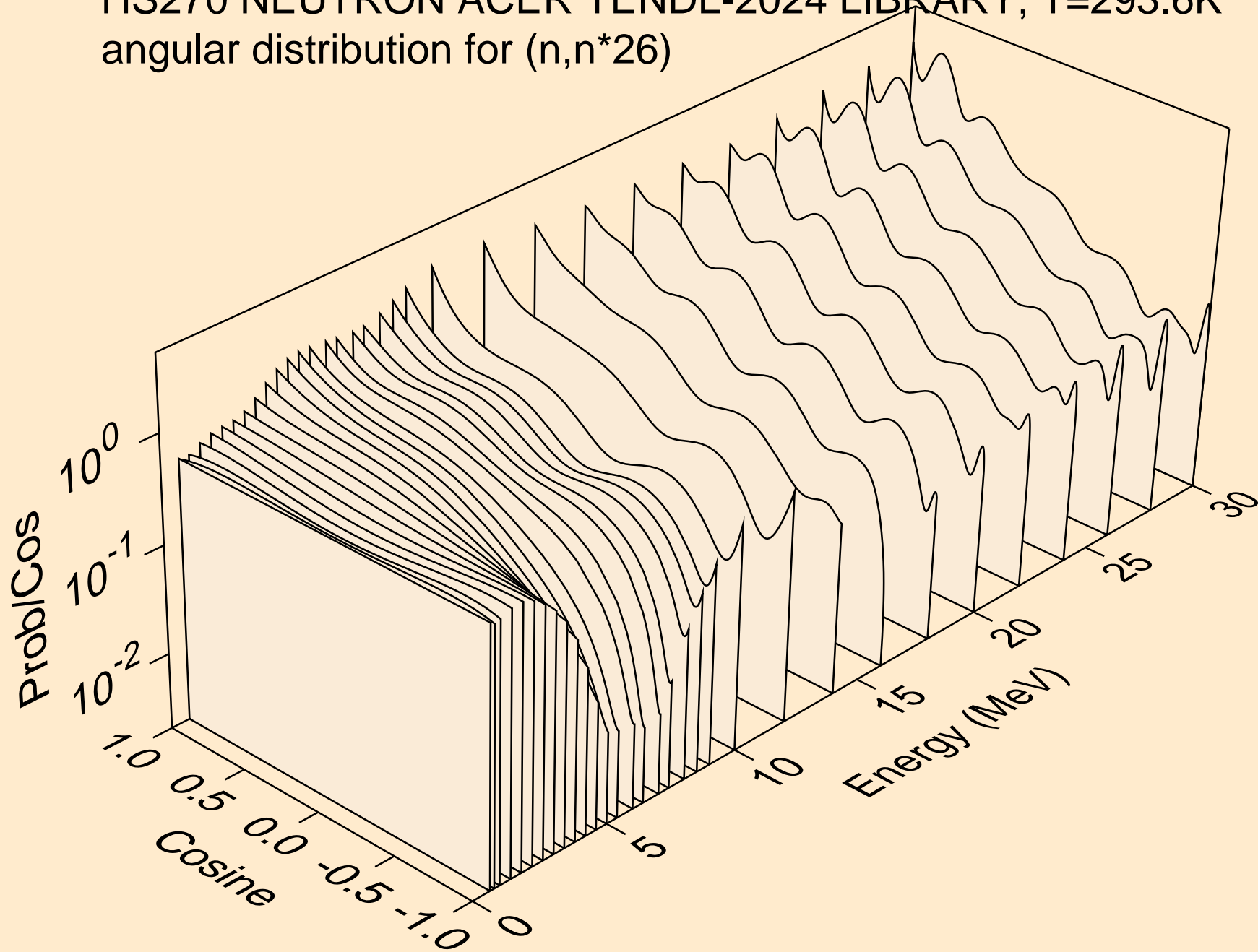
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angular distribution for (n,n\*24)



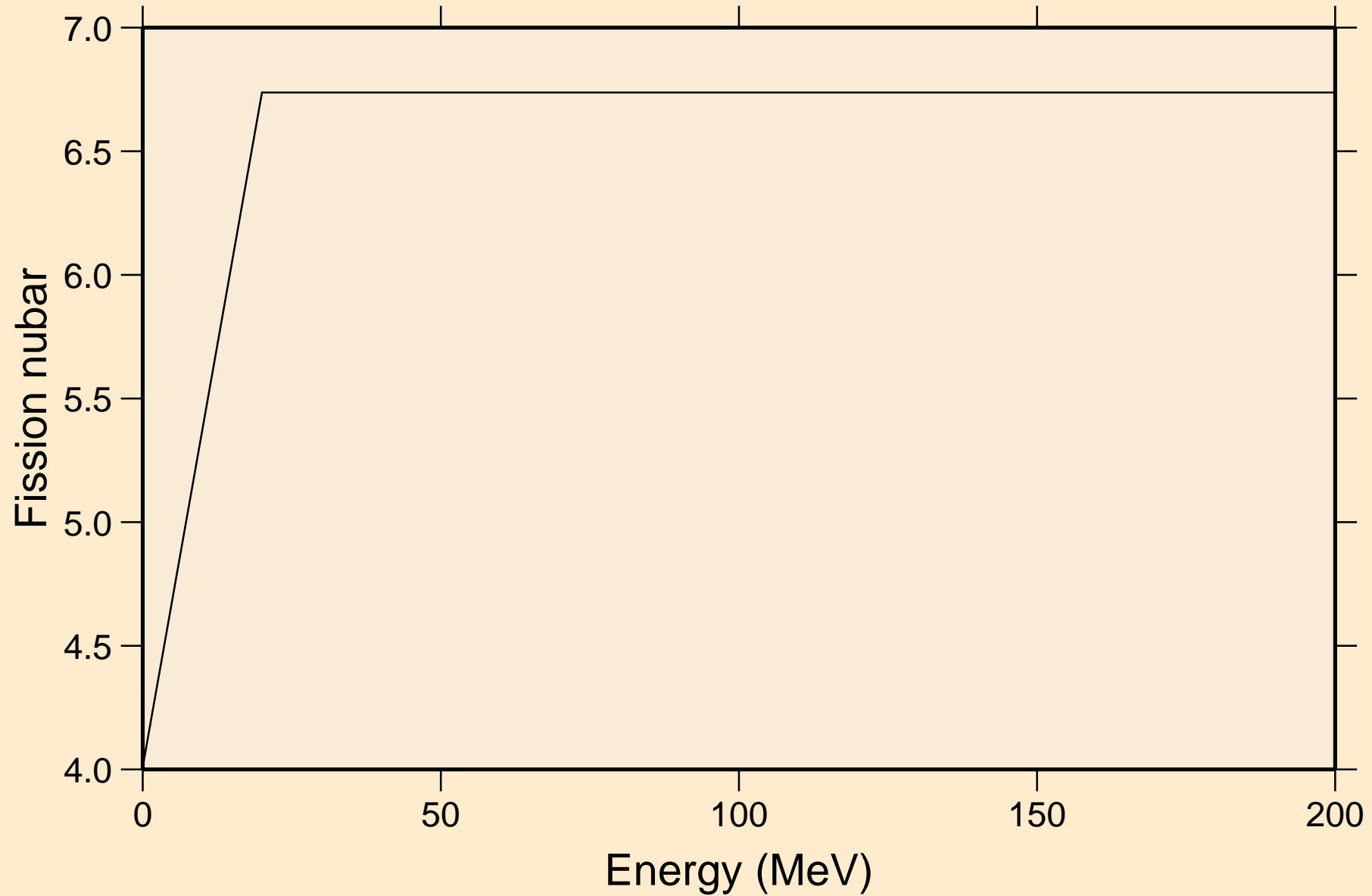
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angular distribution for (n,n\*25)



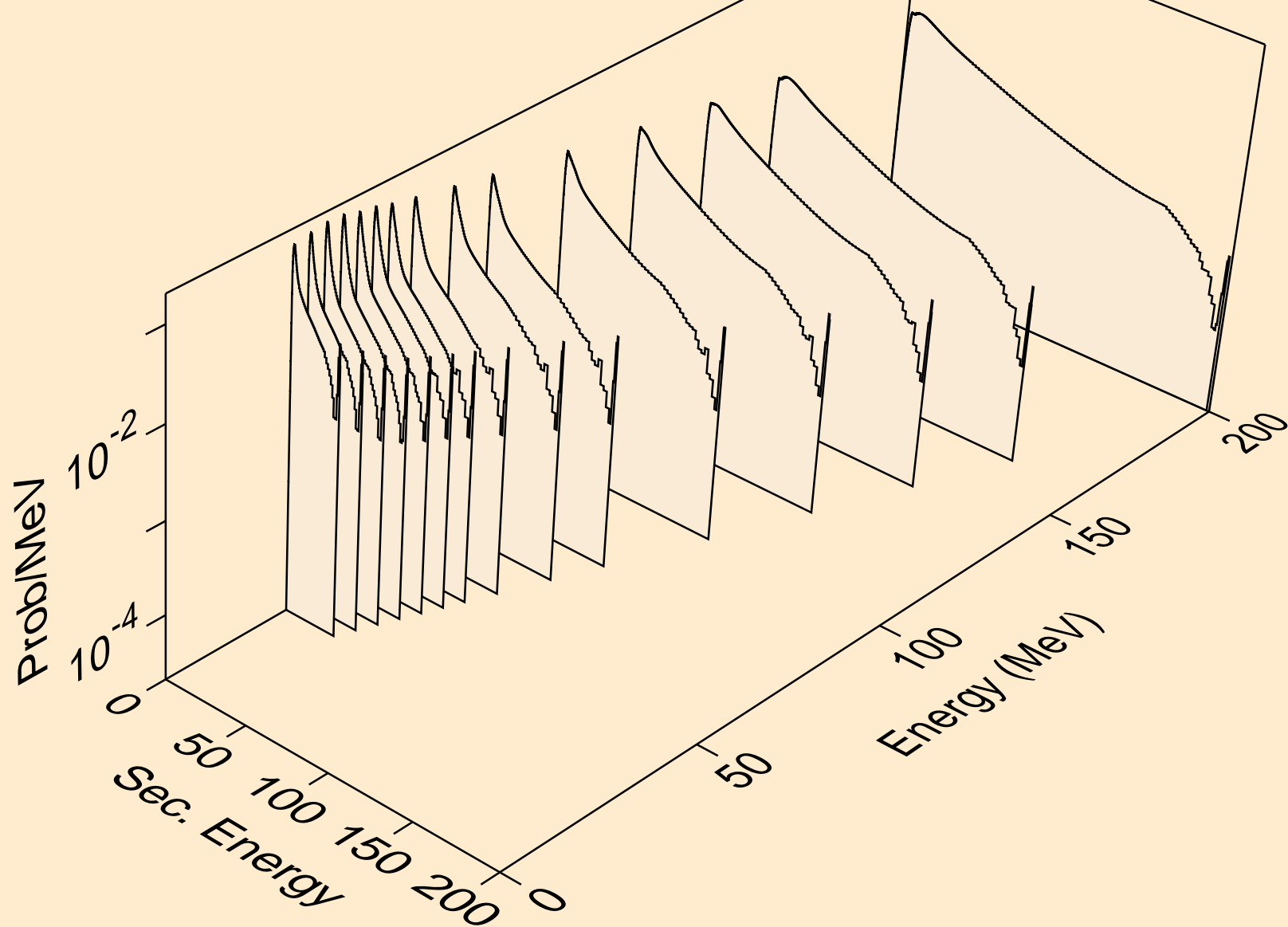
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angular distribution for (n,n\*26)



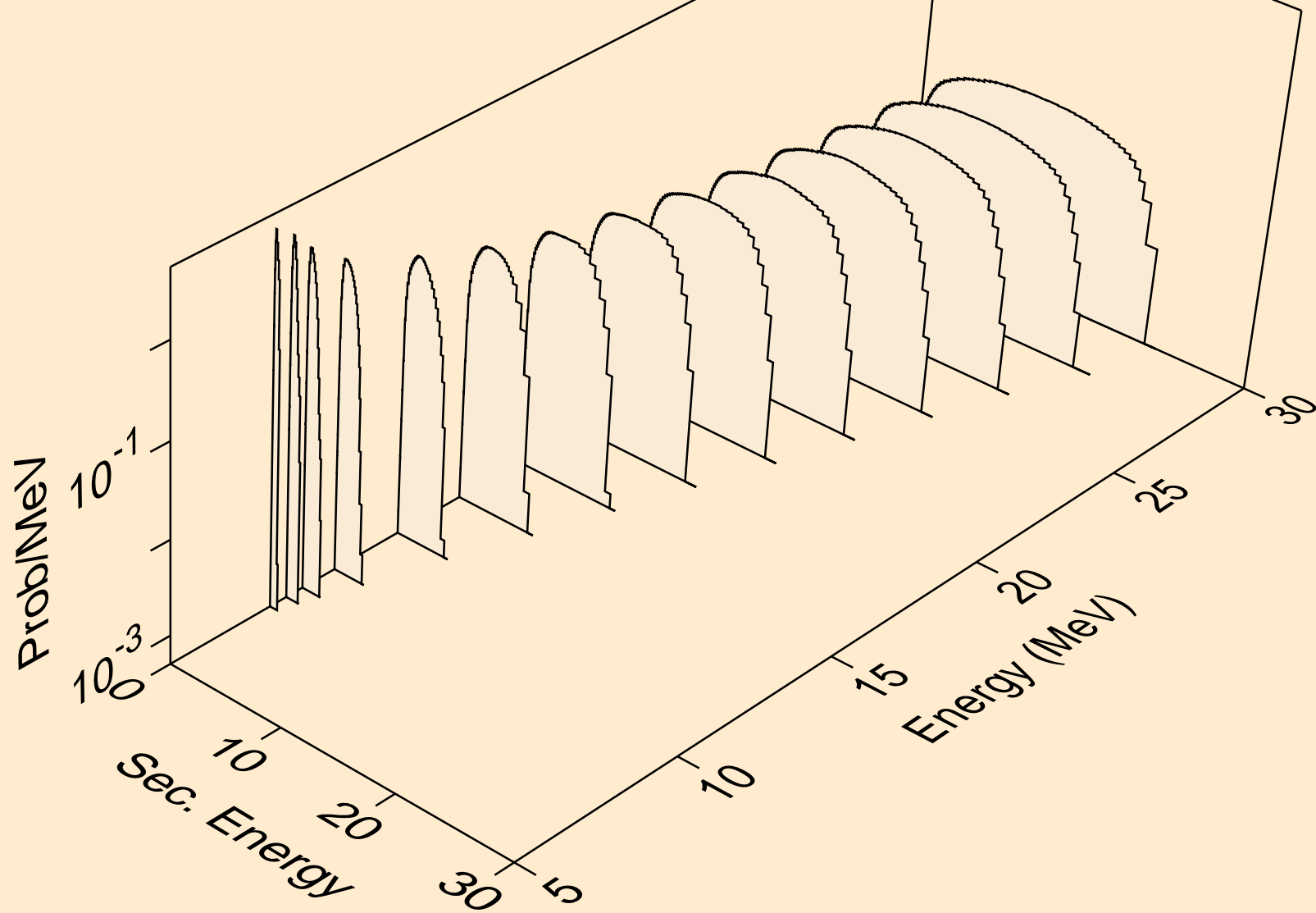
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Total fission nubar



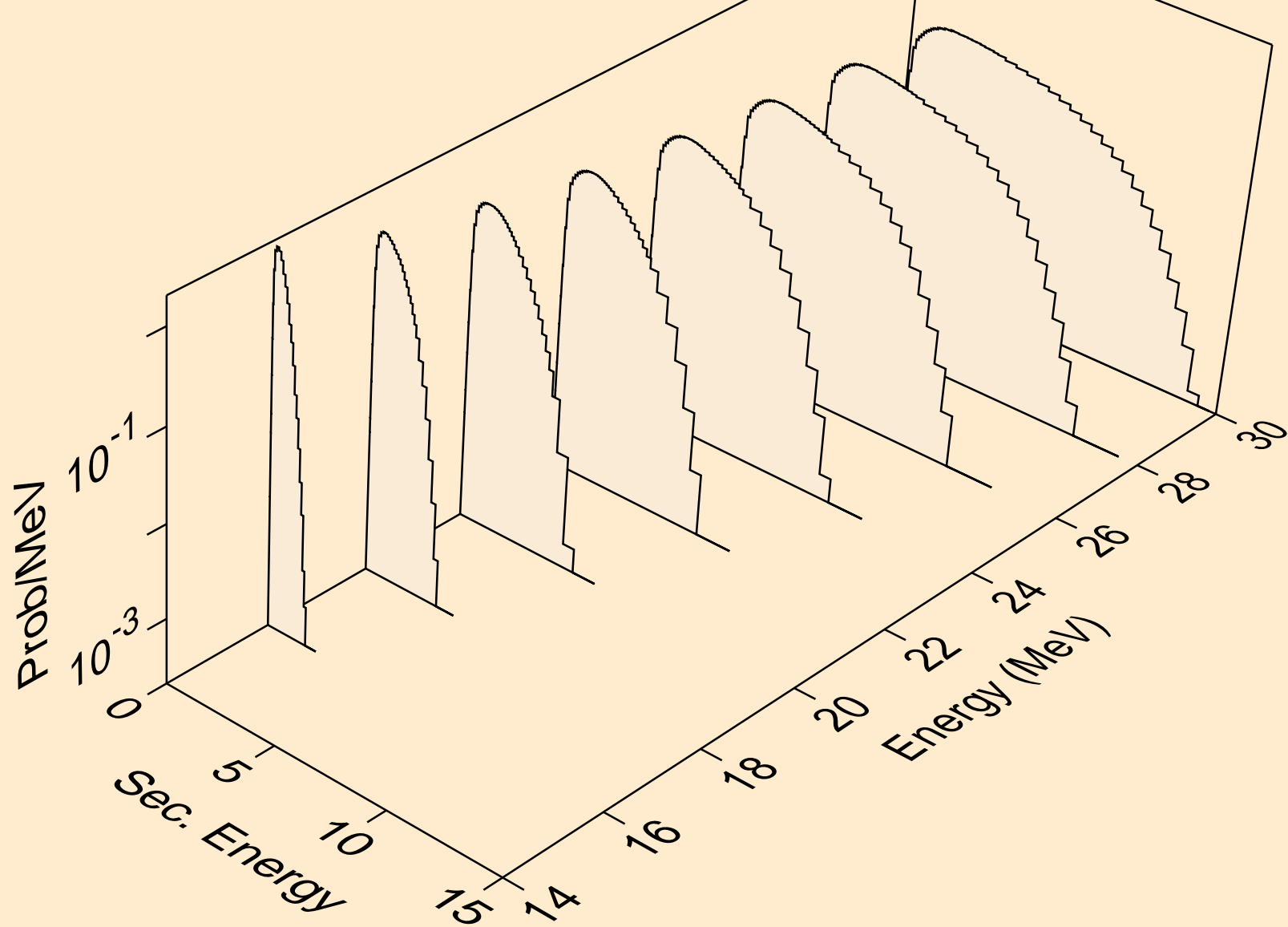
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



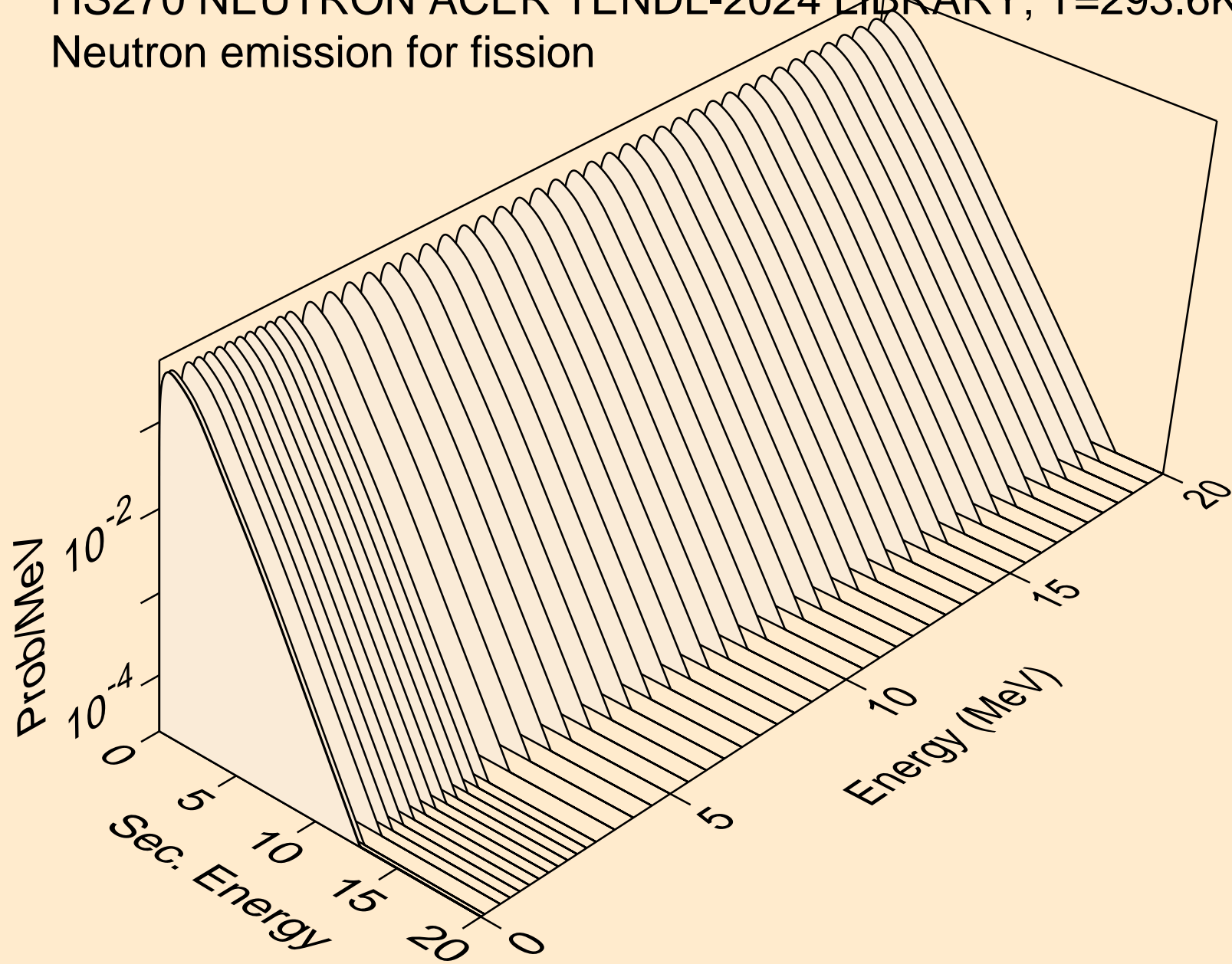
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



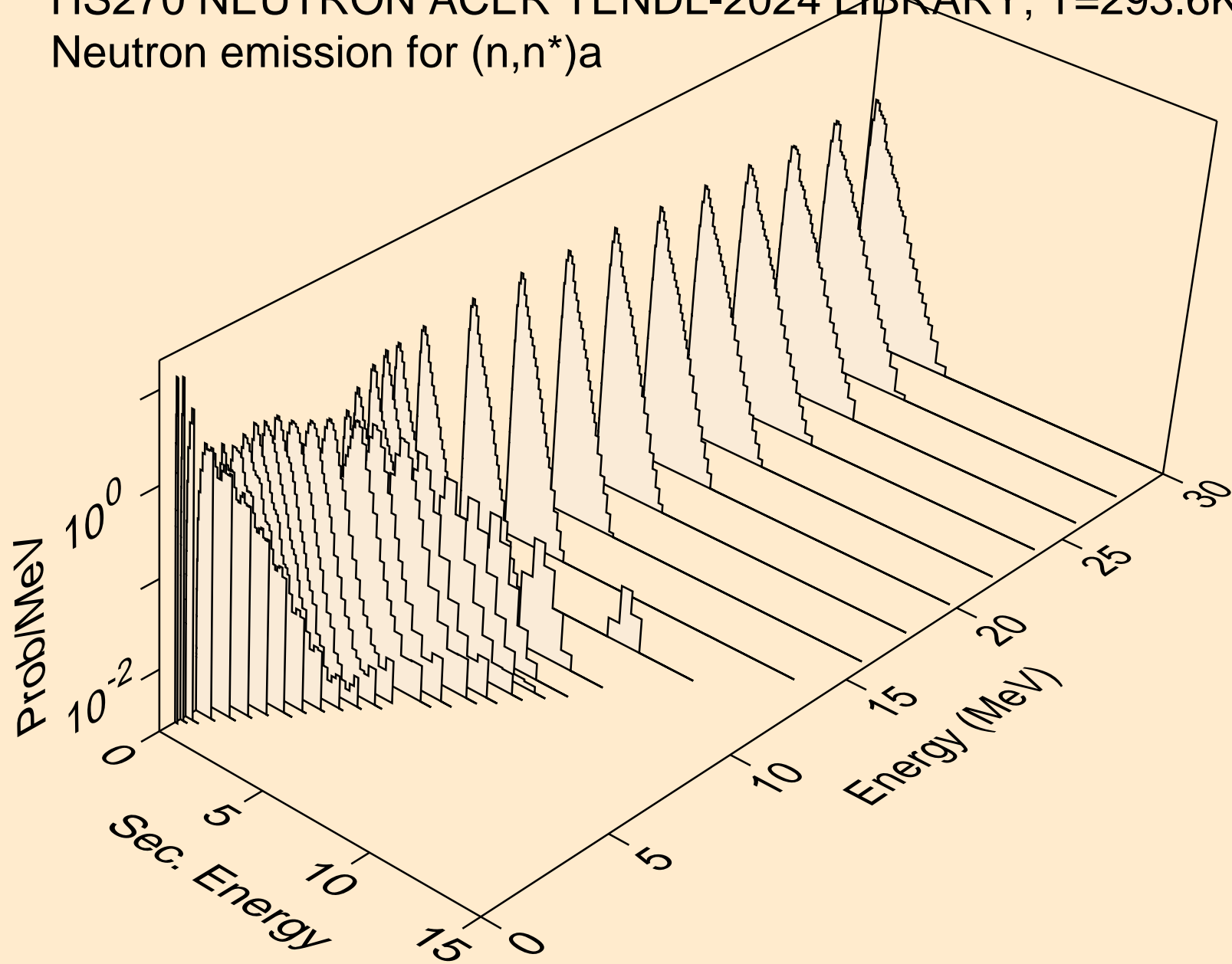
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



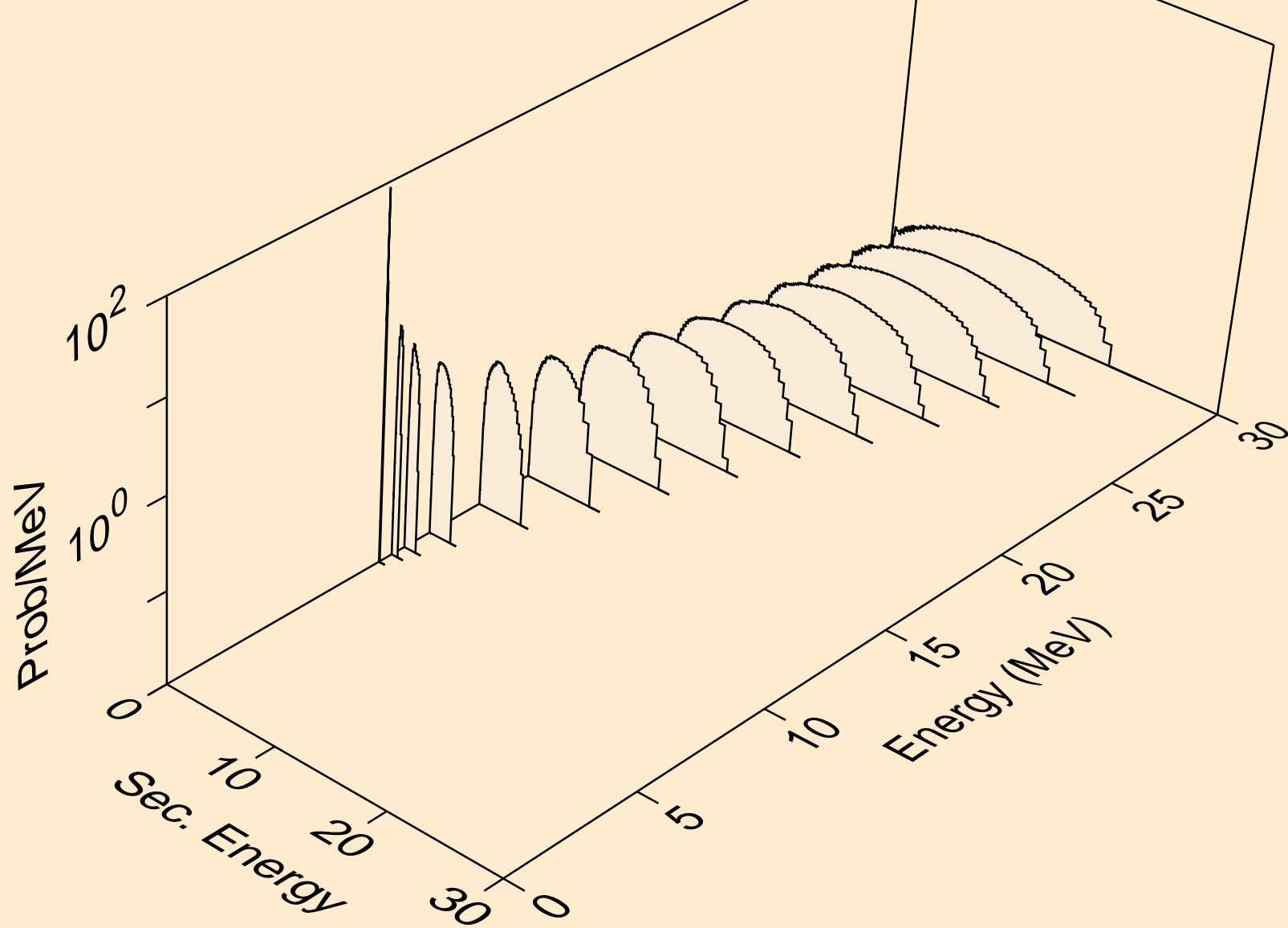
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for fission



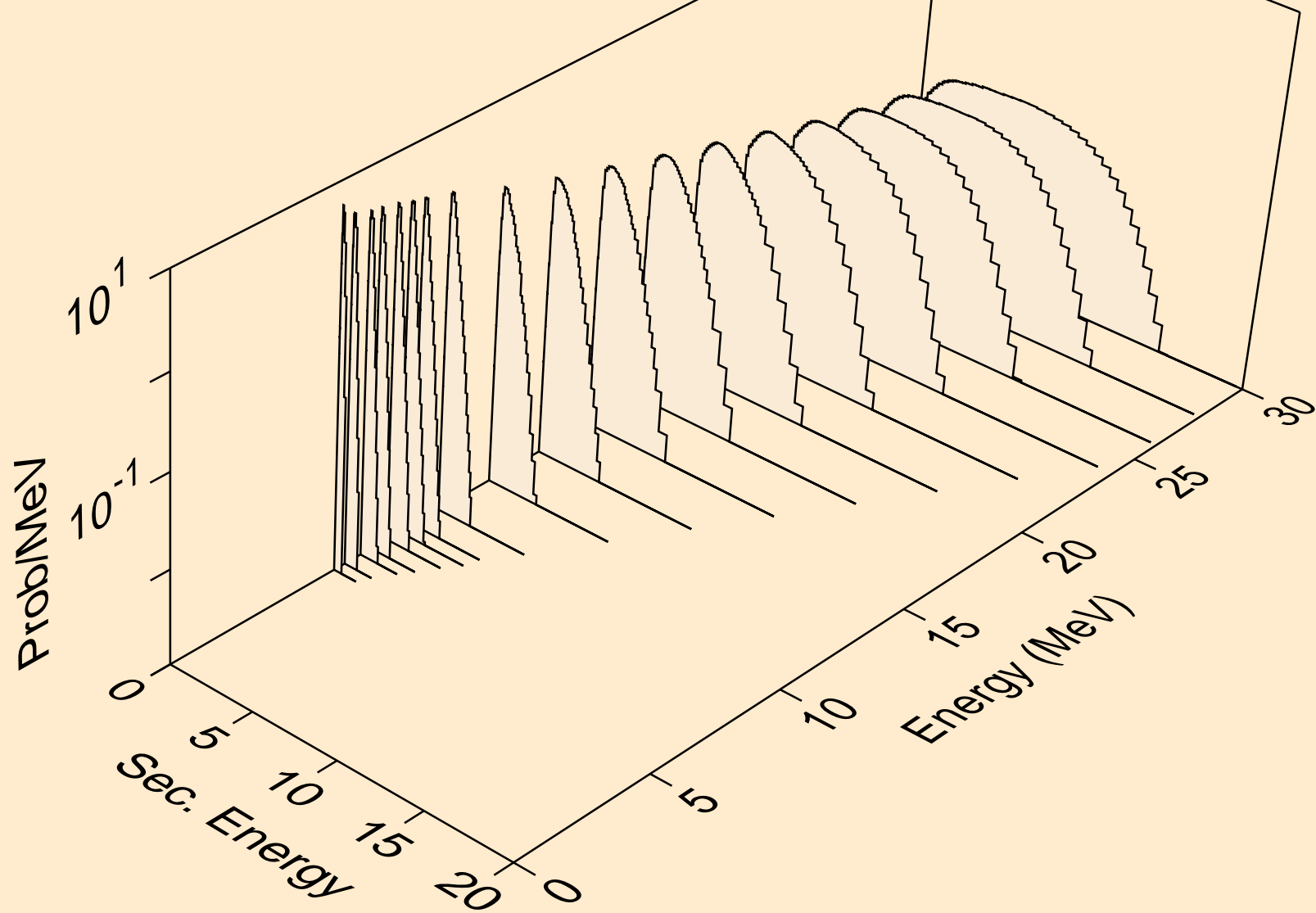
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



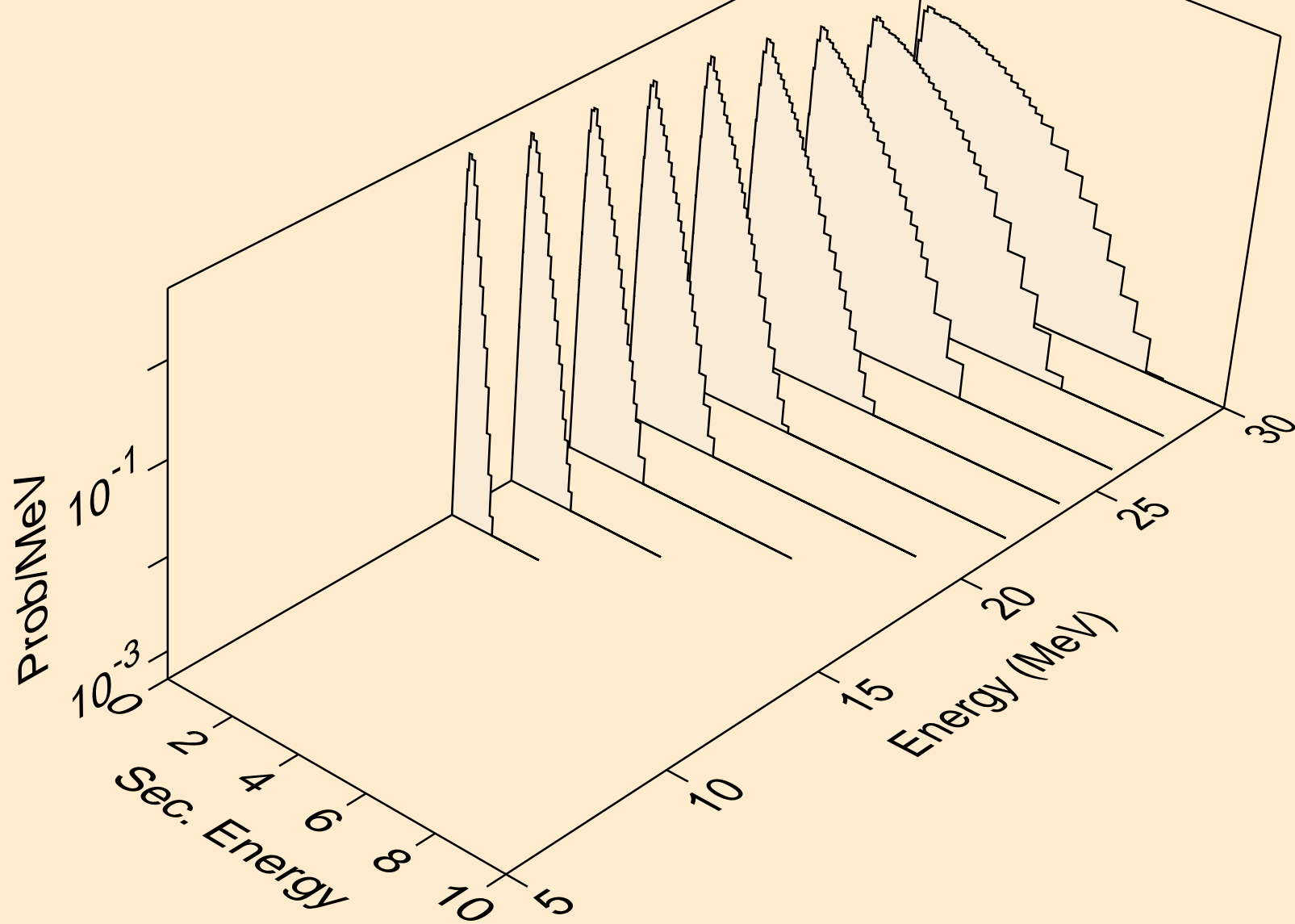
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



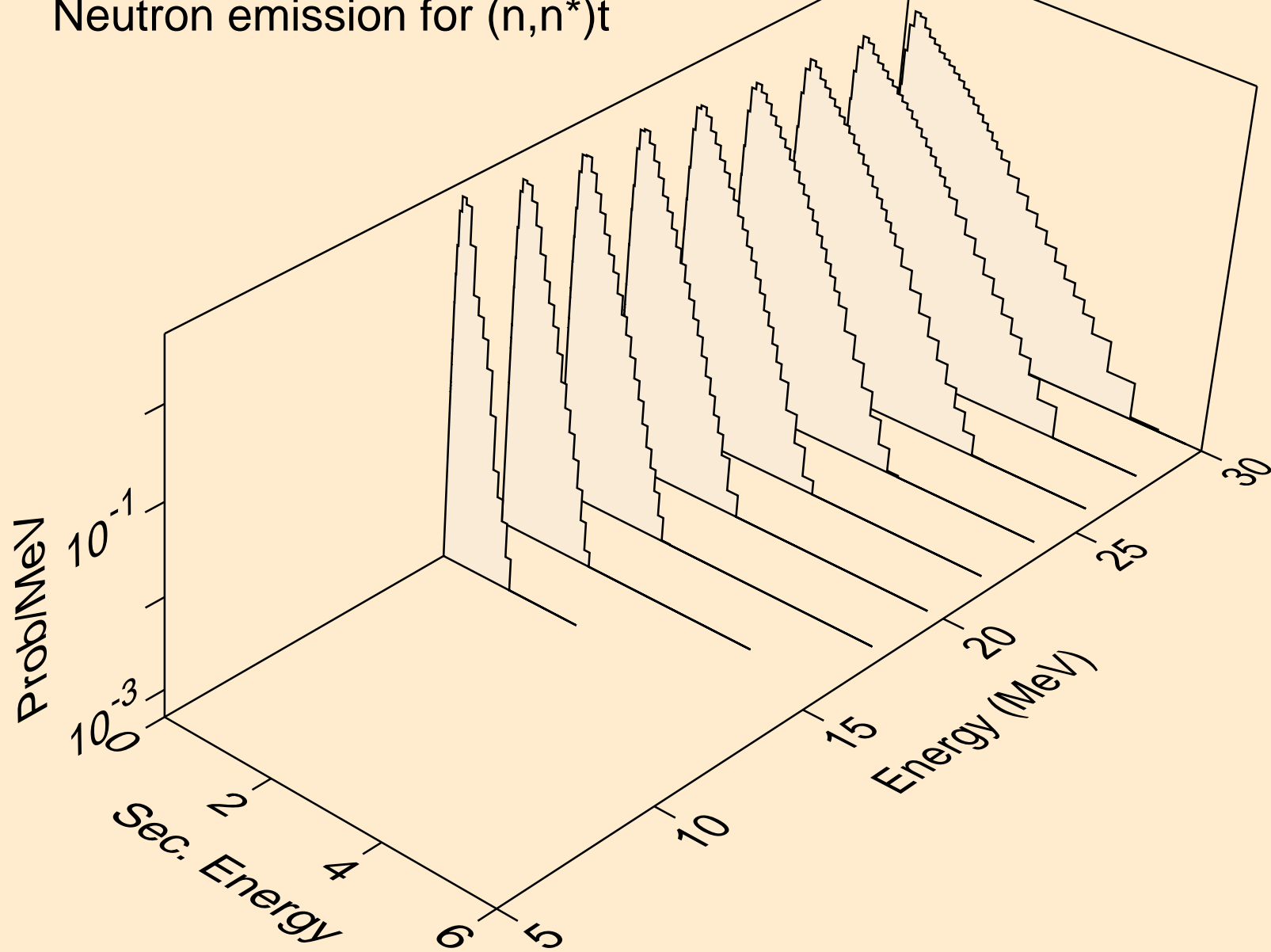
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



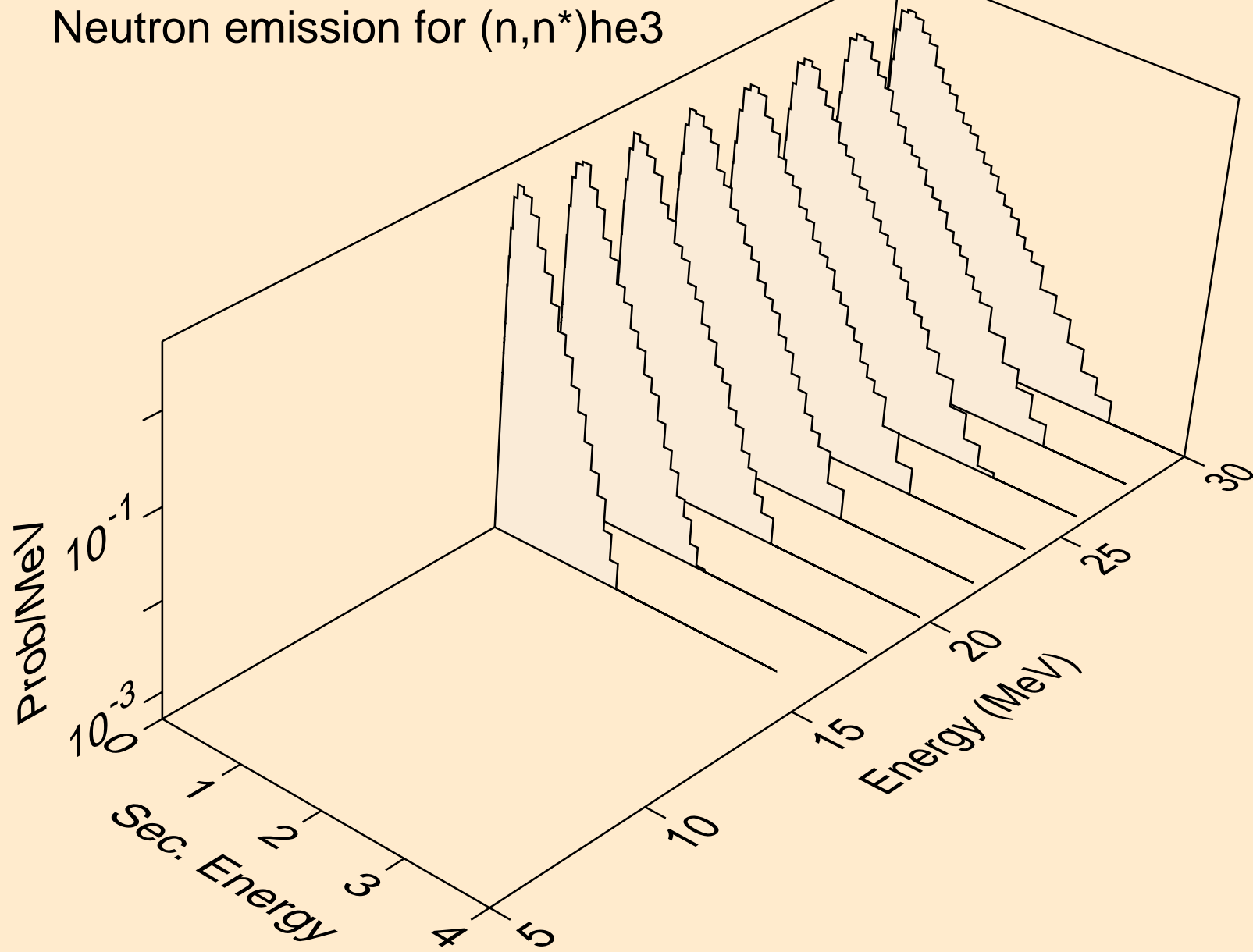
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



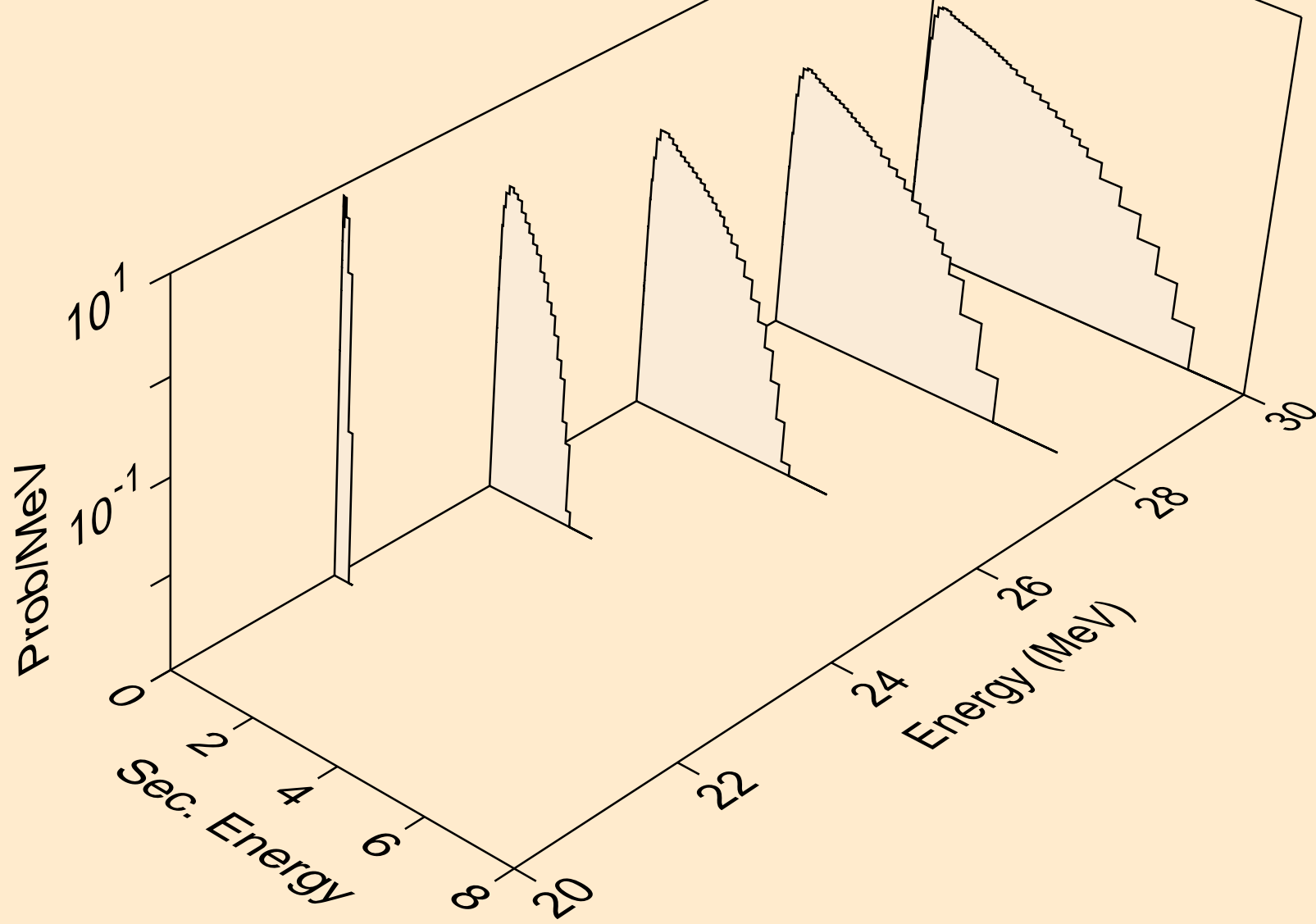
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



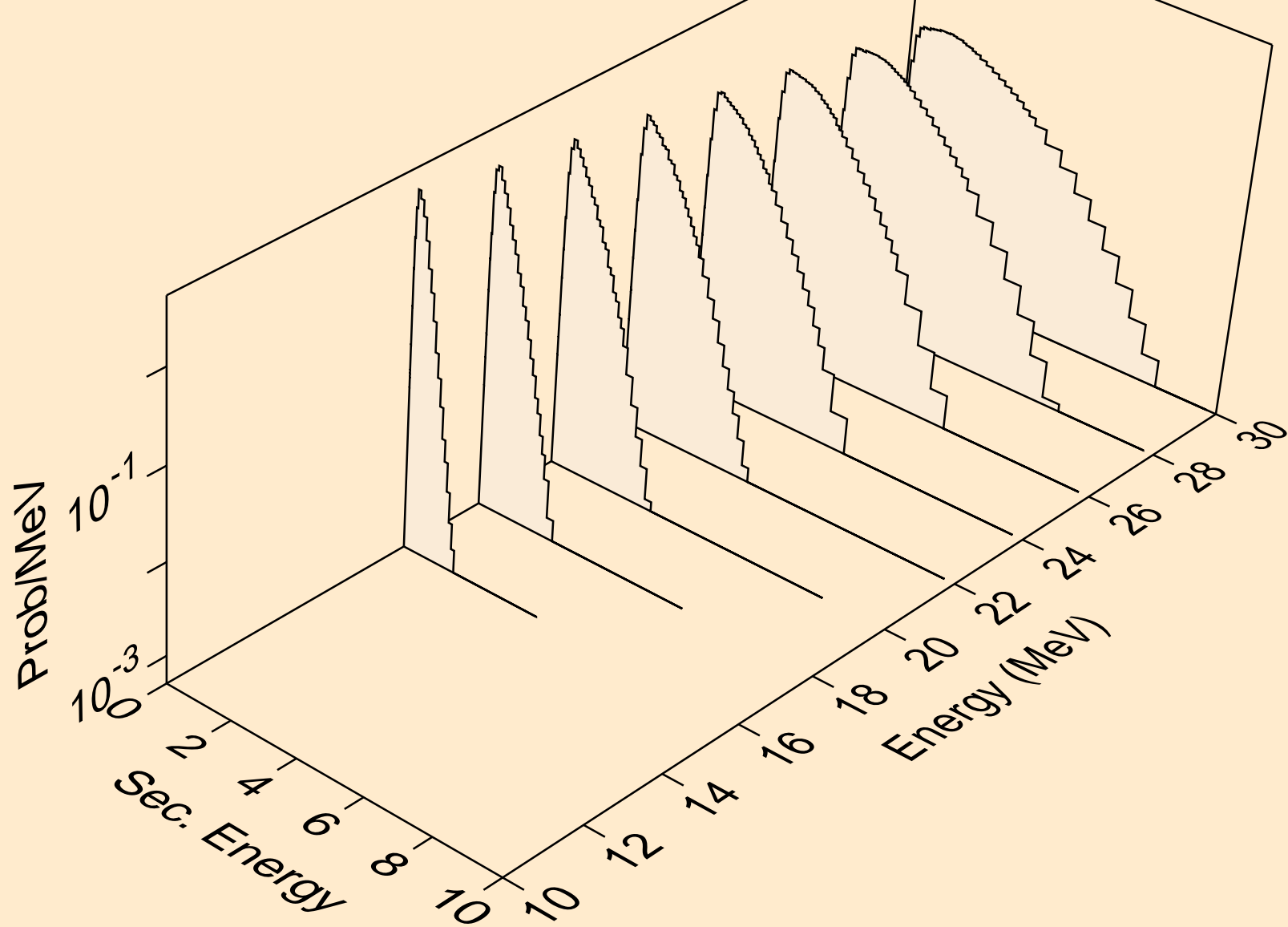
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



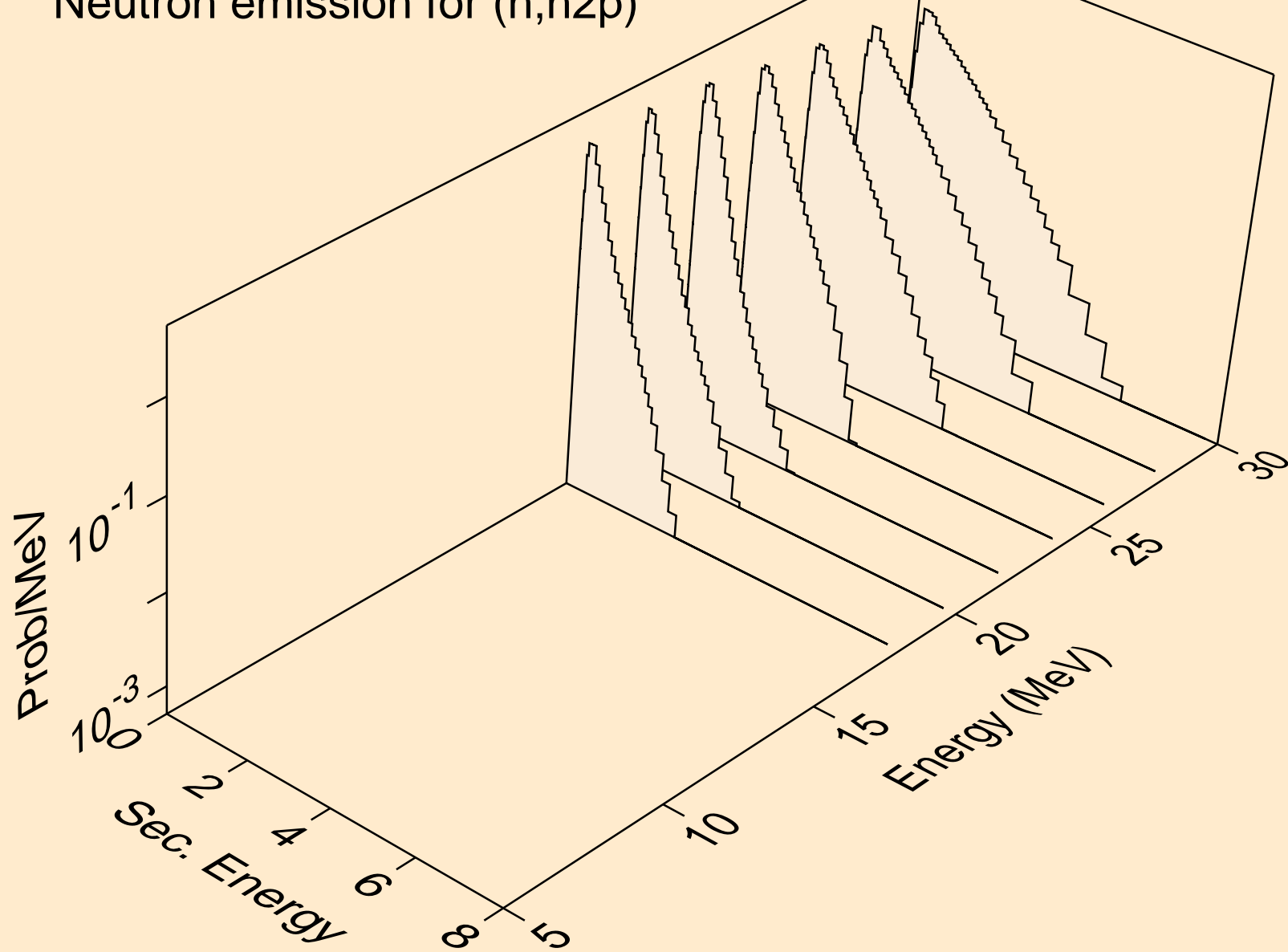
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



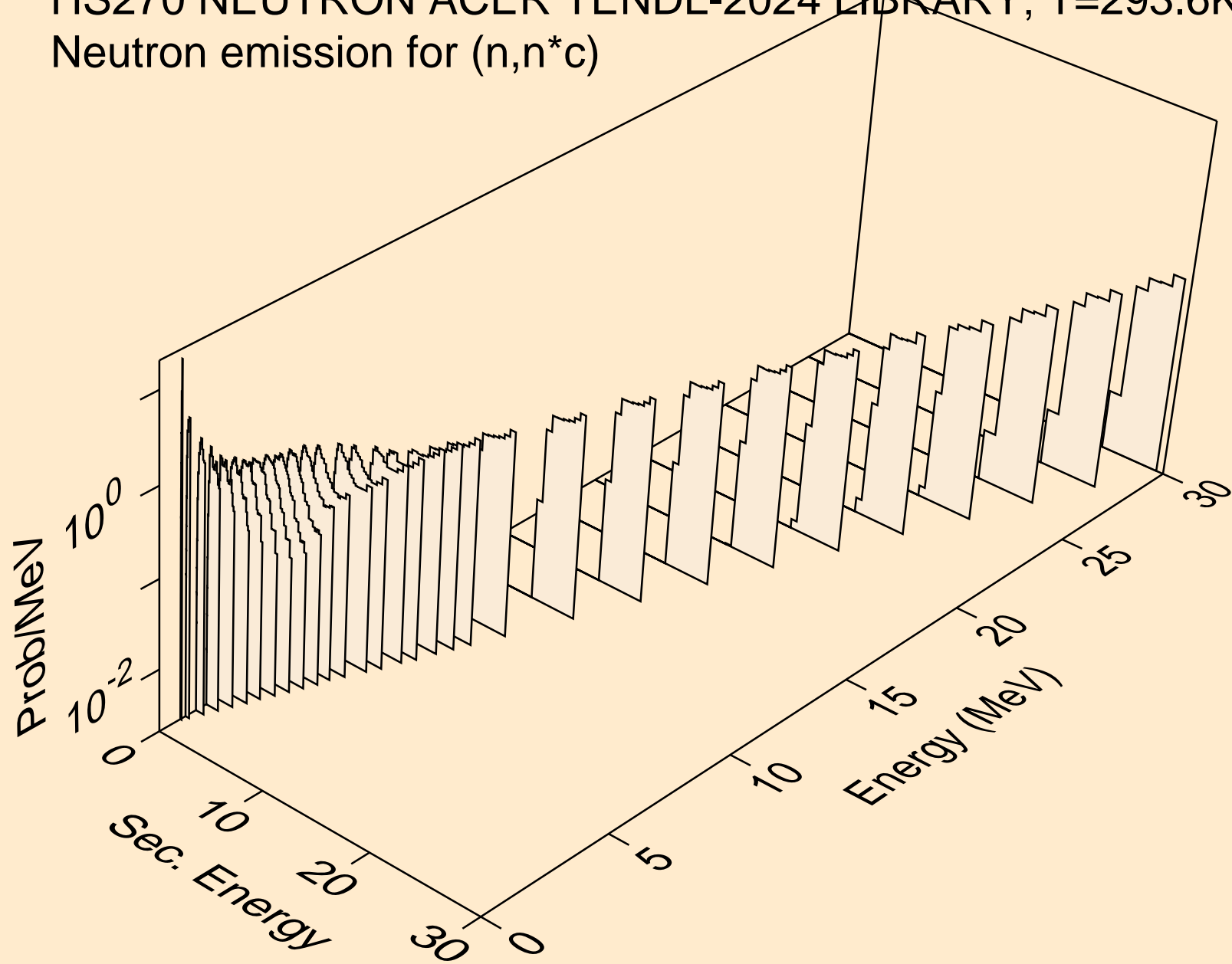
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n2p)

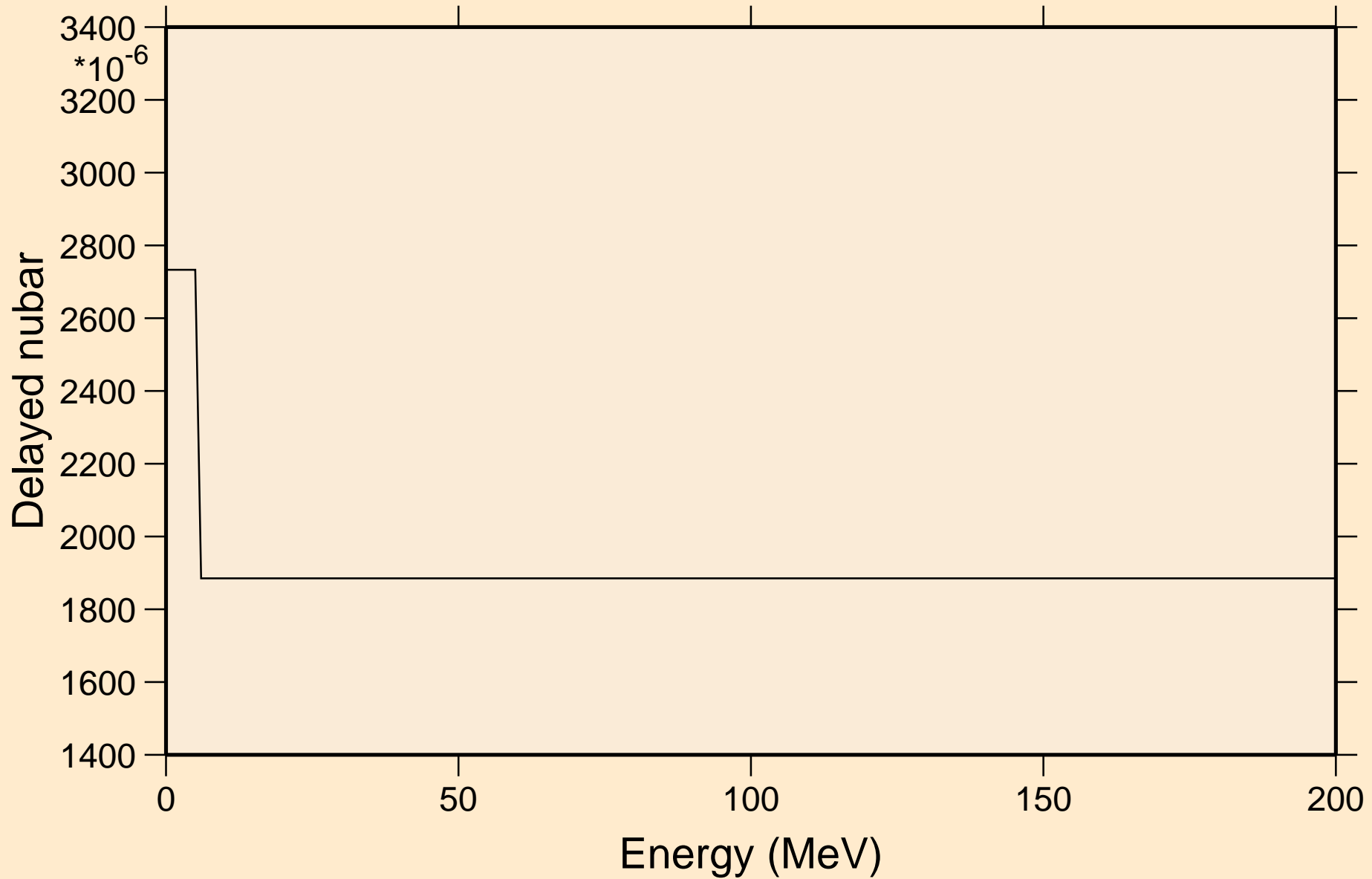


HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



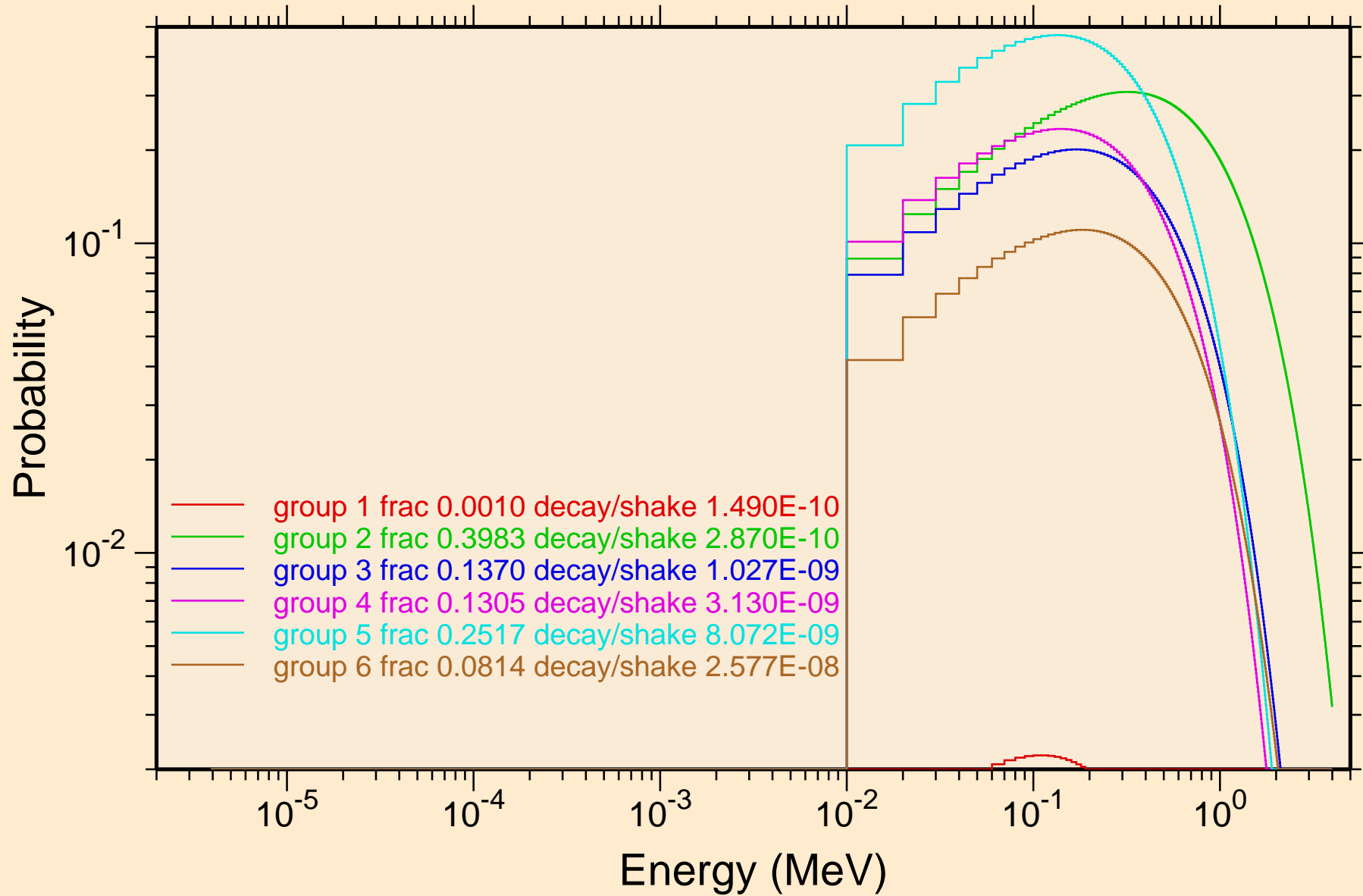
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## Delayed nubar

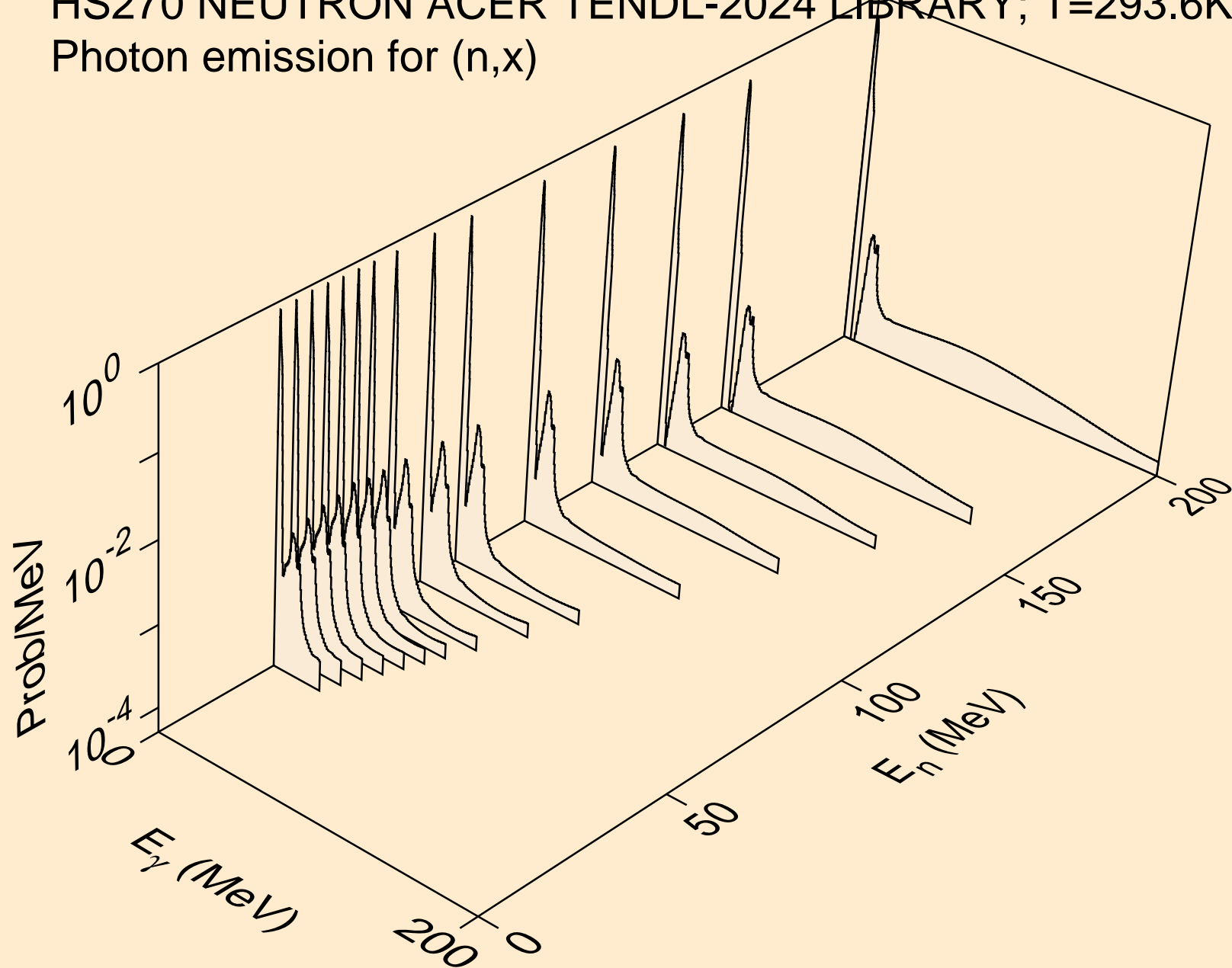


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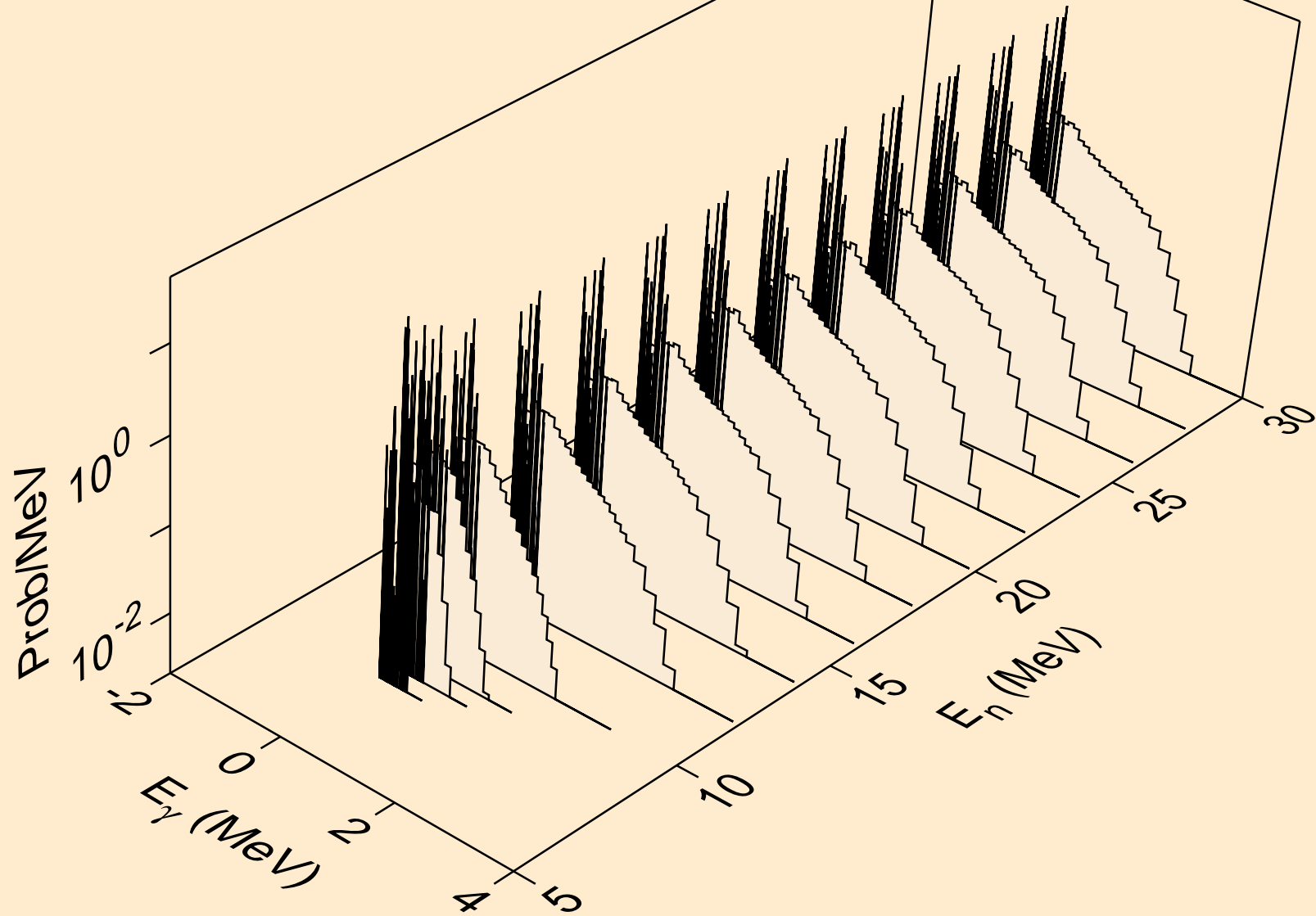
## Delayed neutron spectra



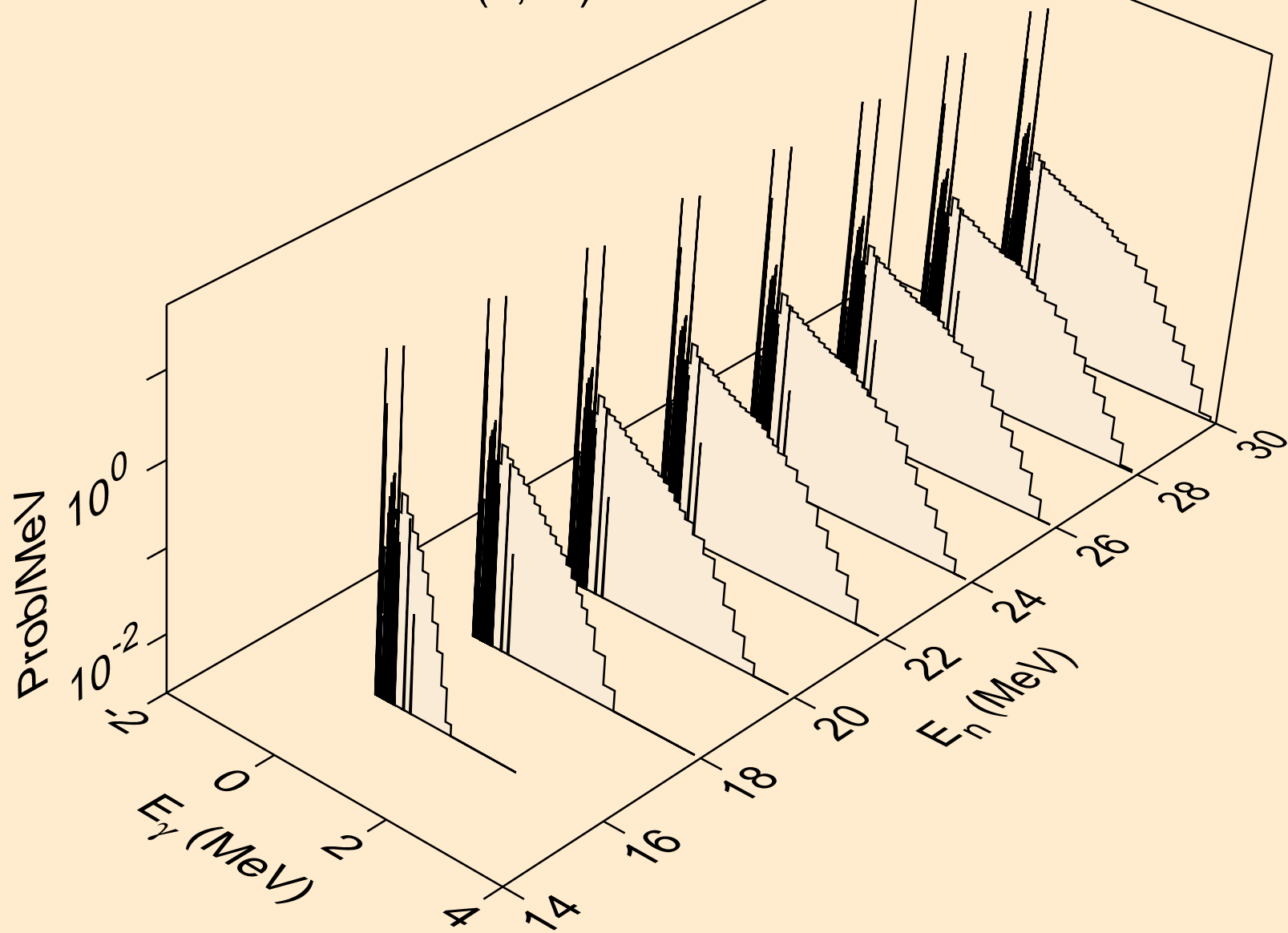
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



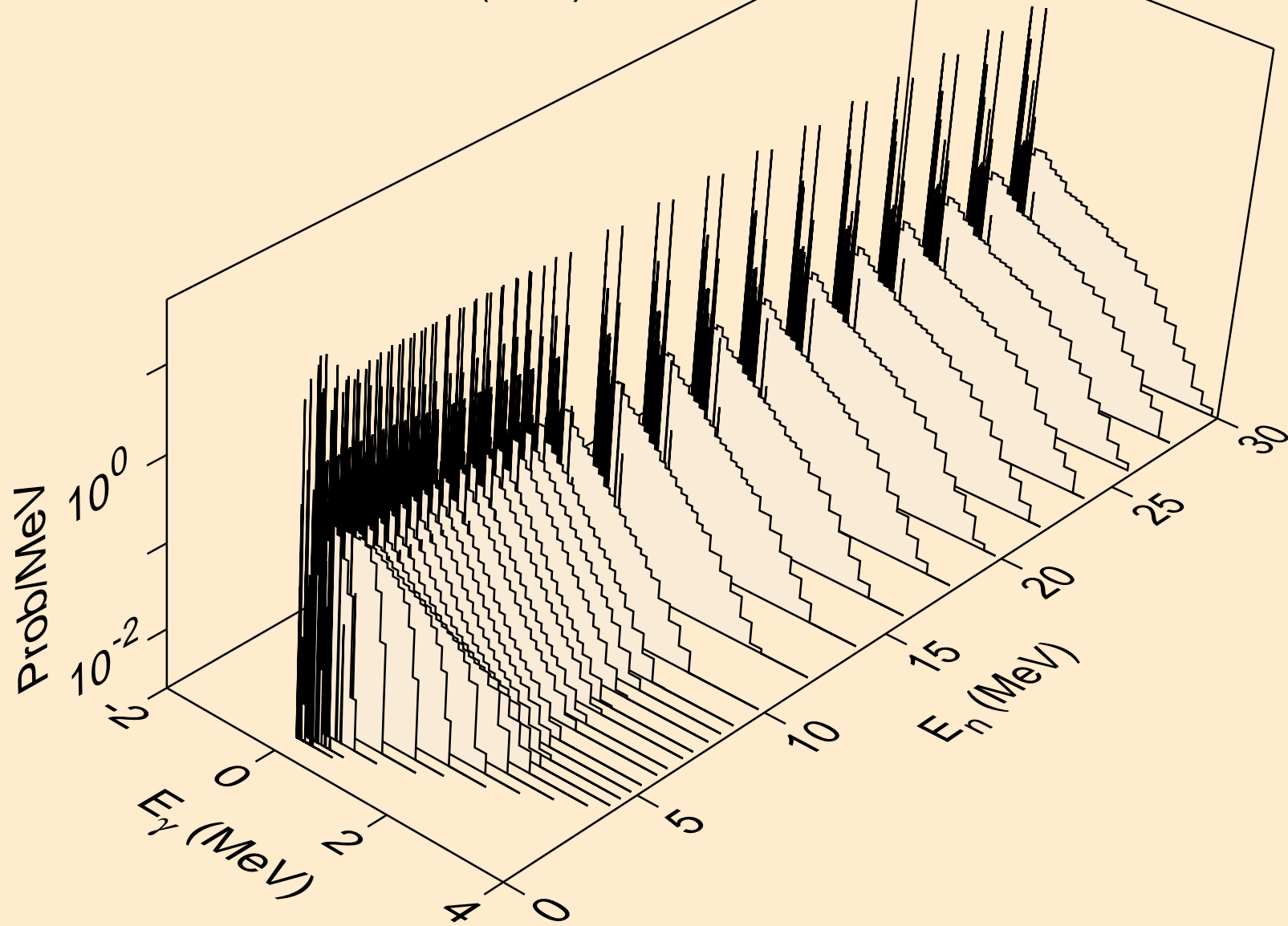
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



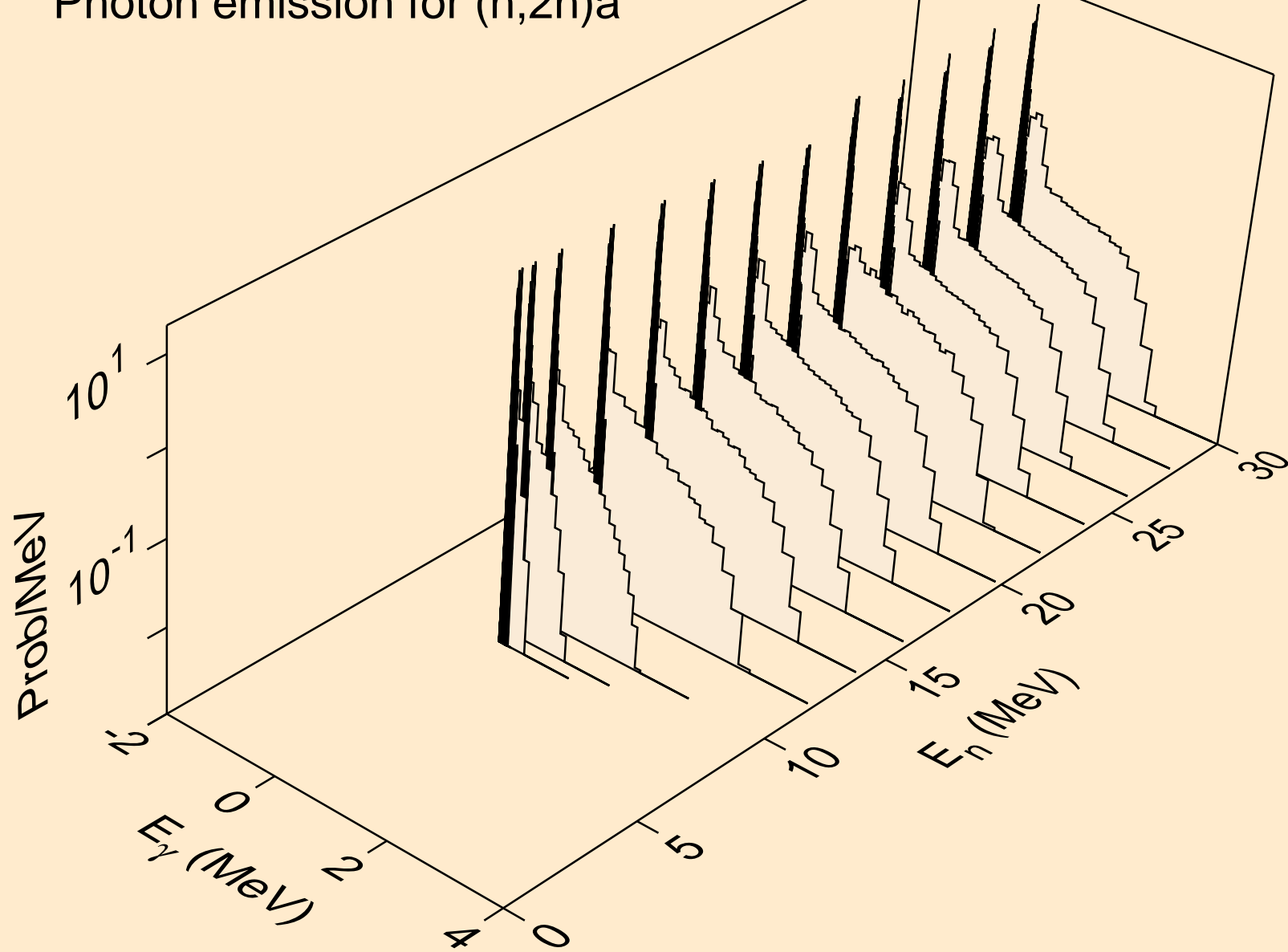
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



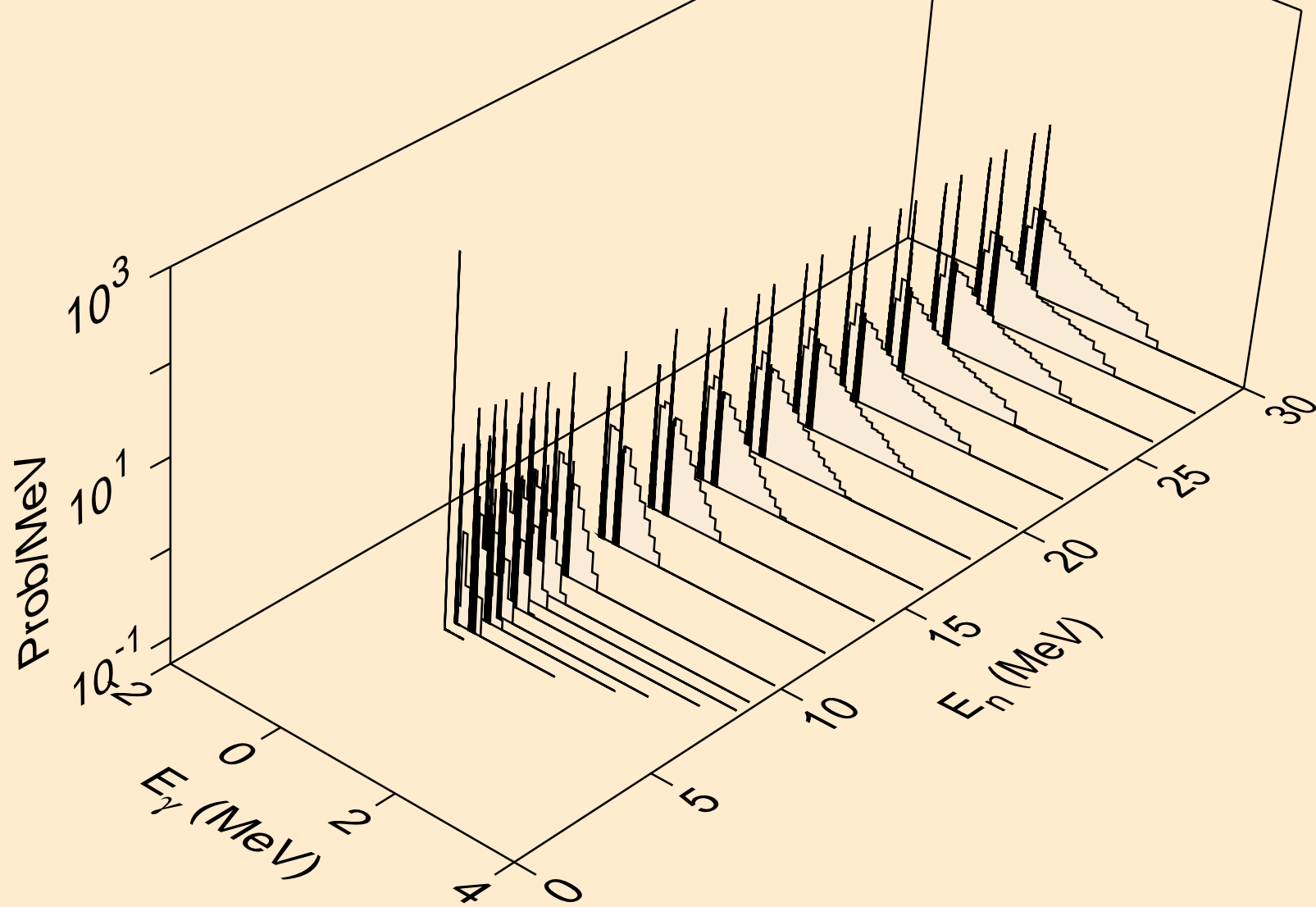
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



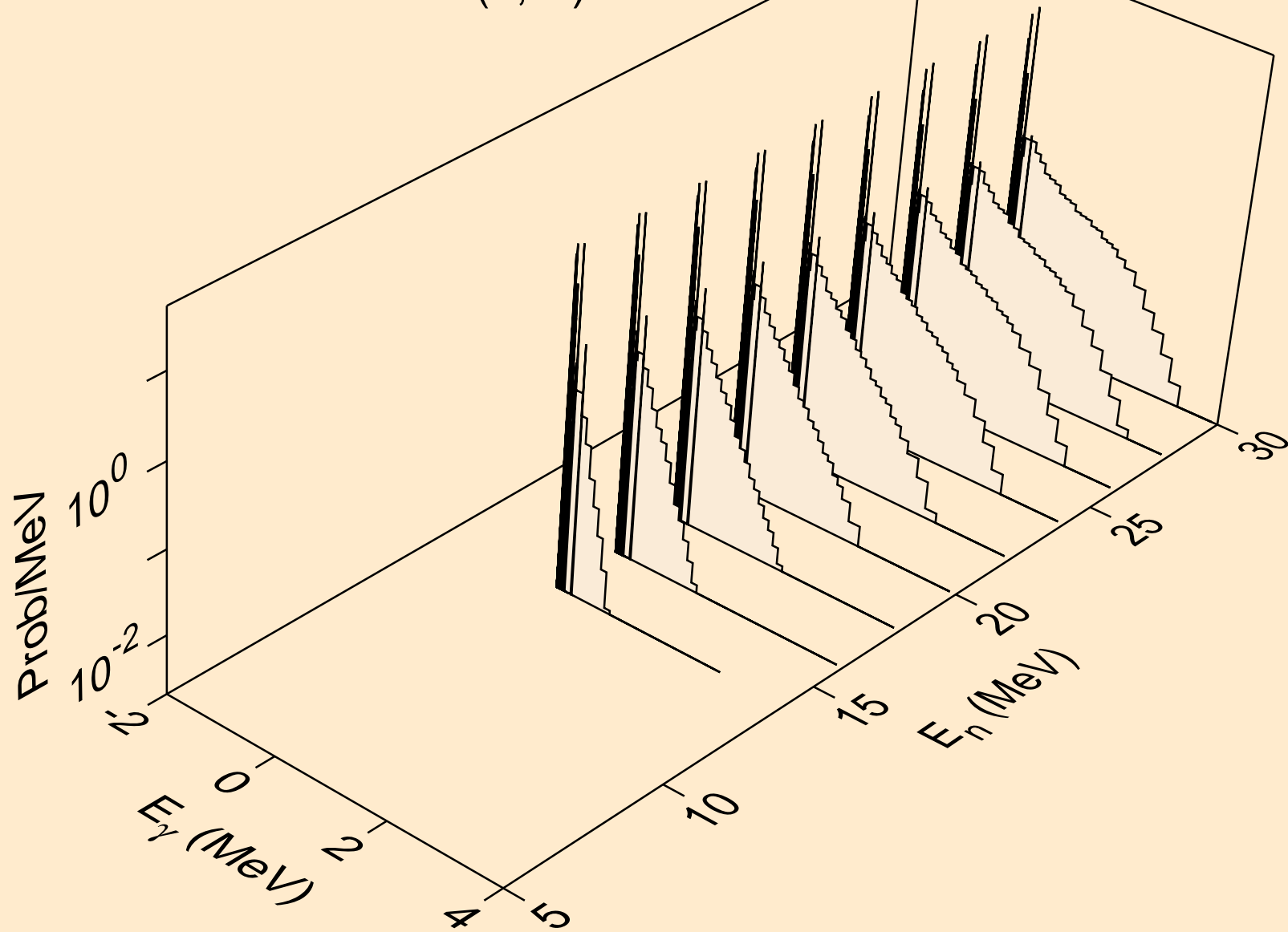
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



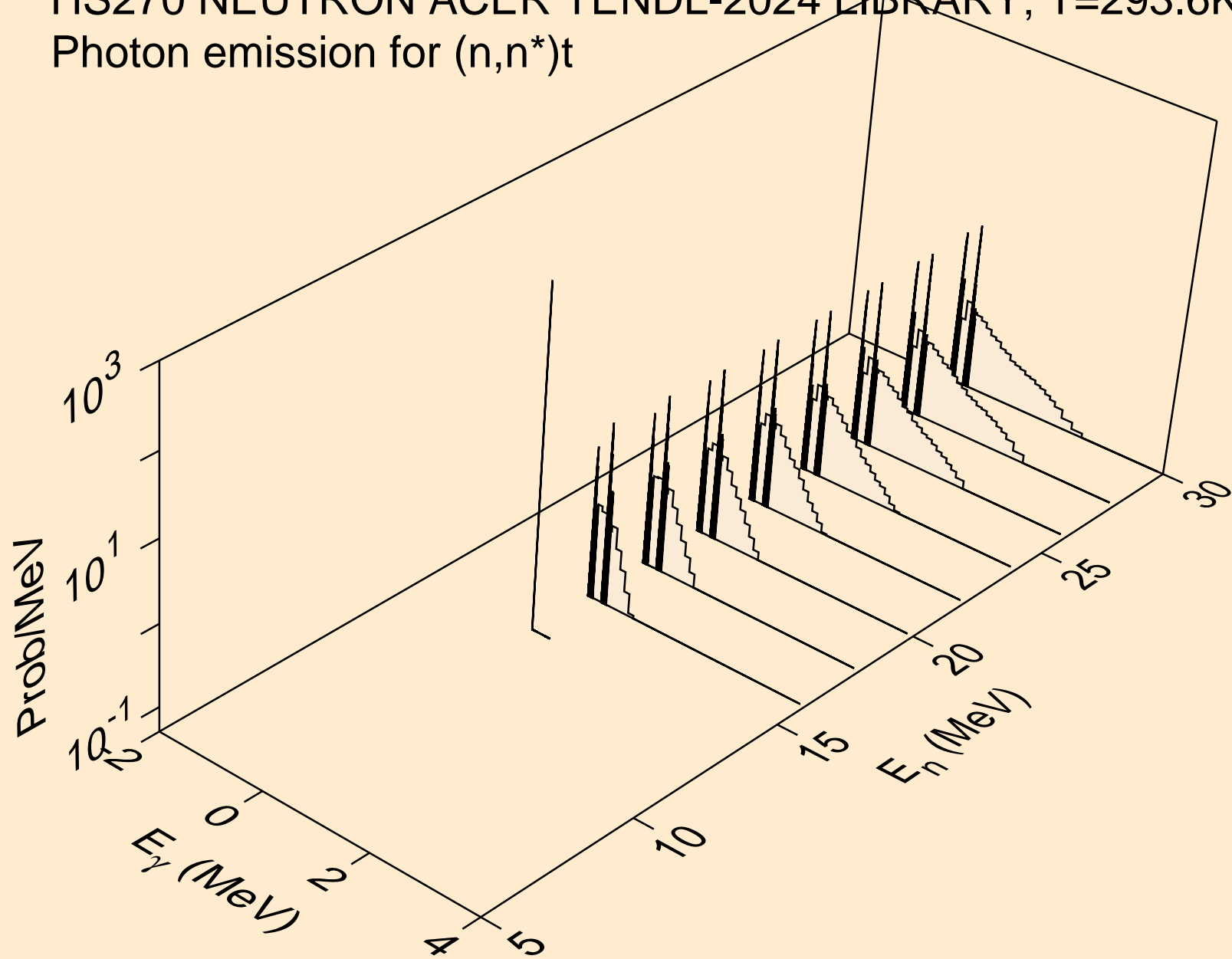
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



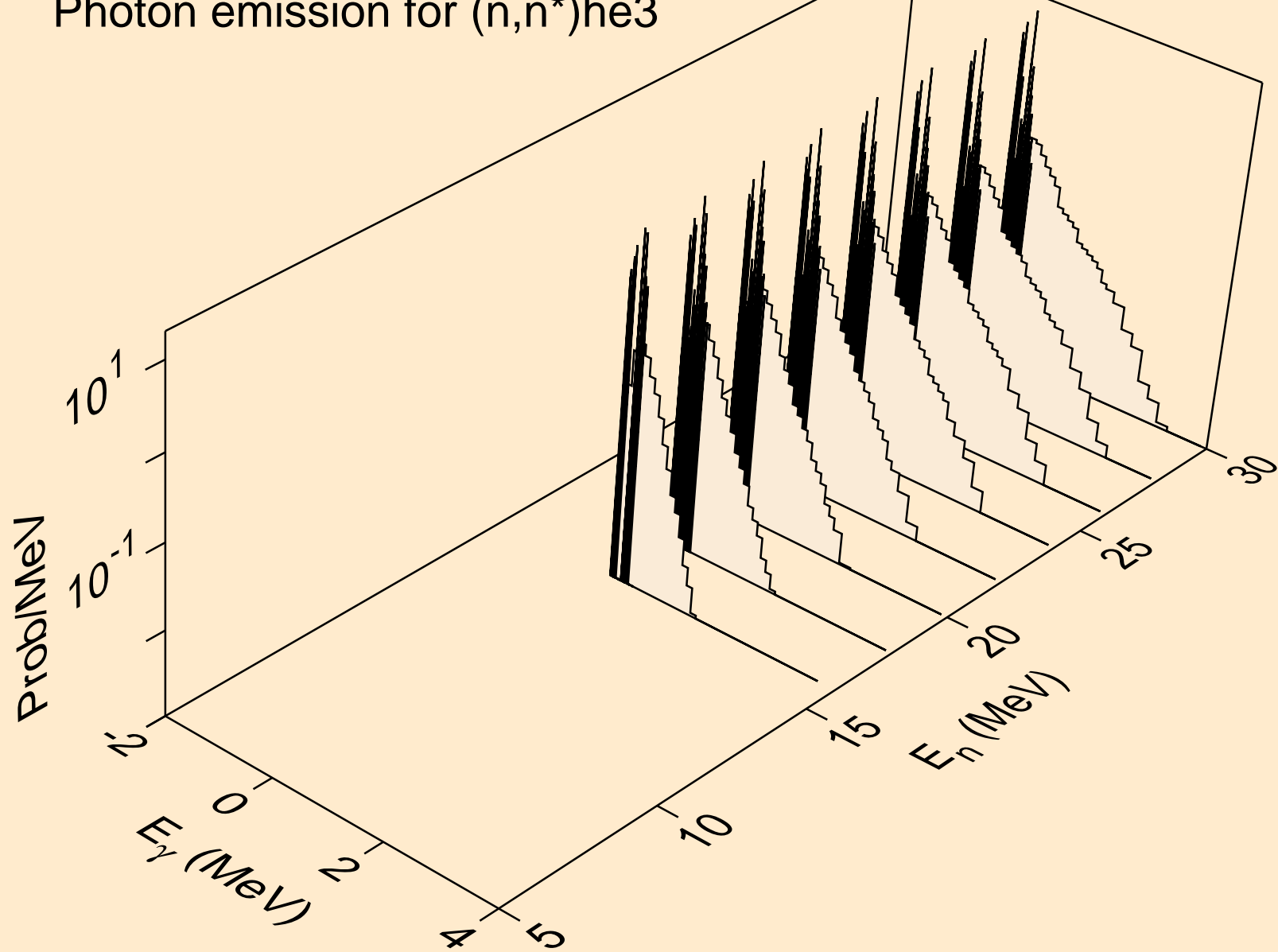
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



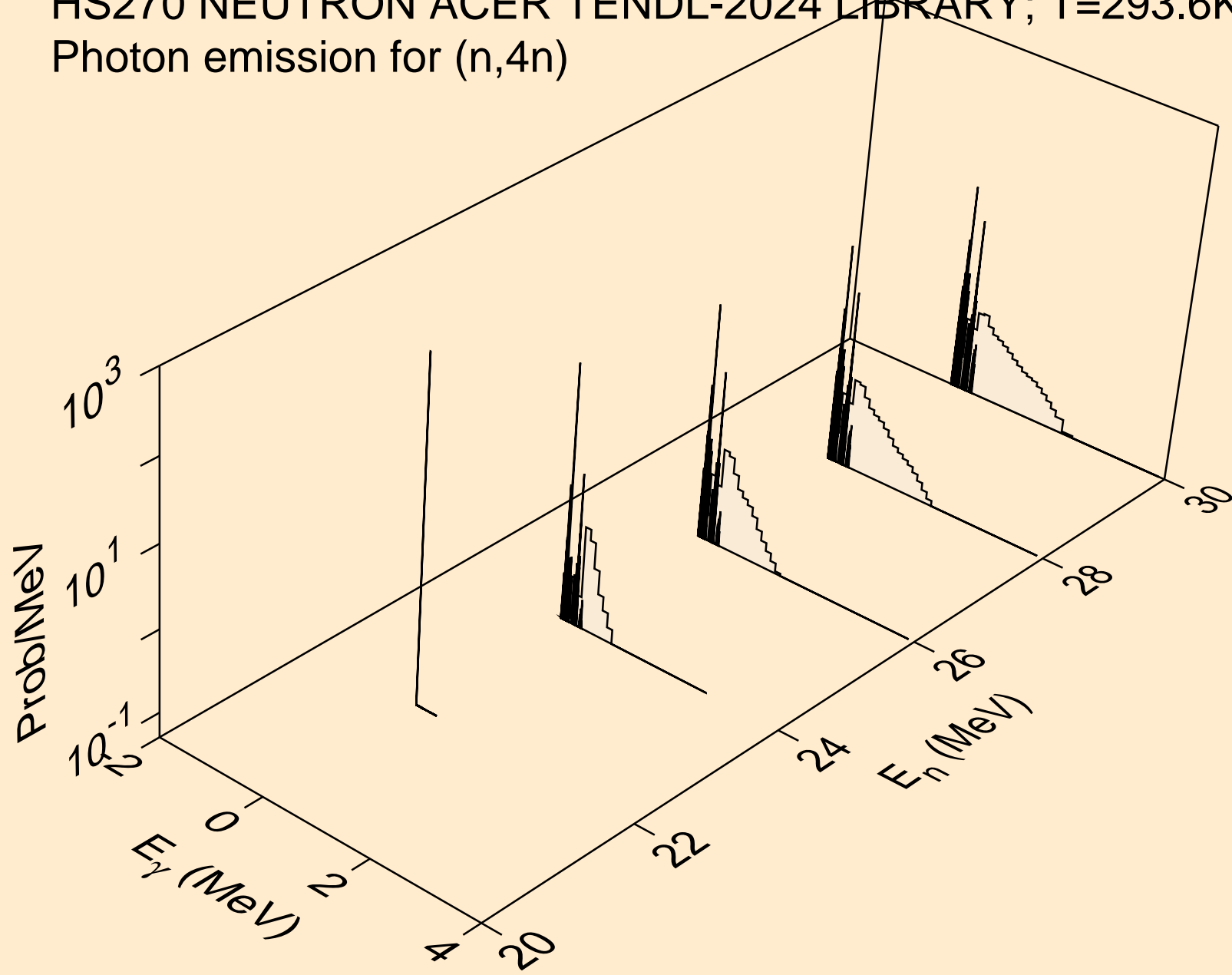
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



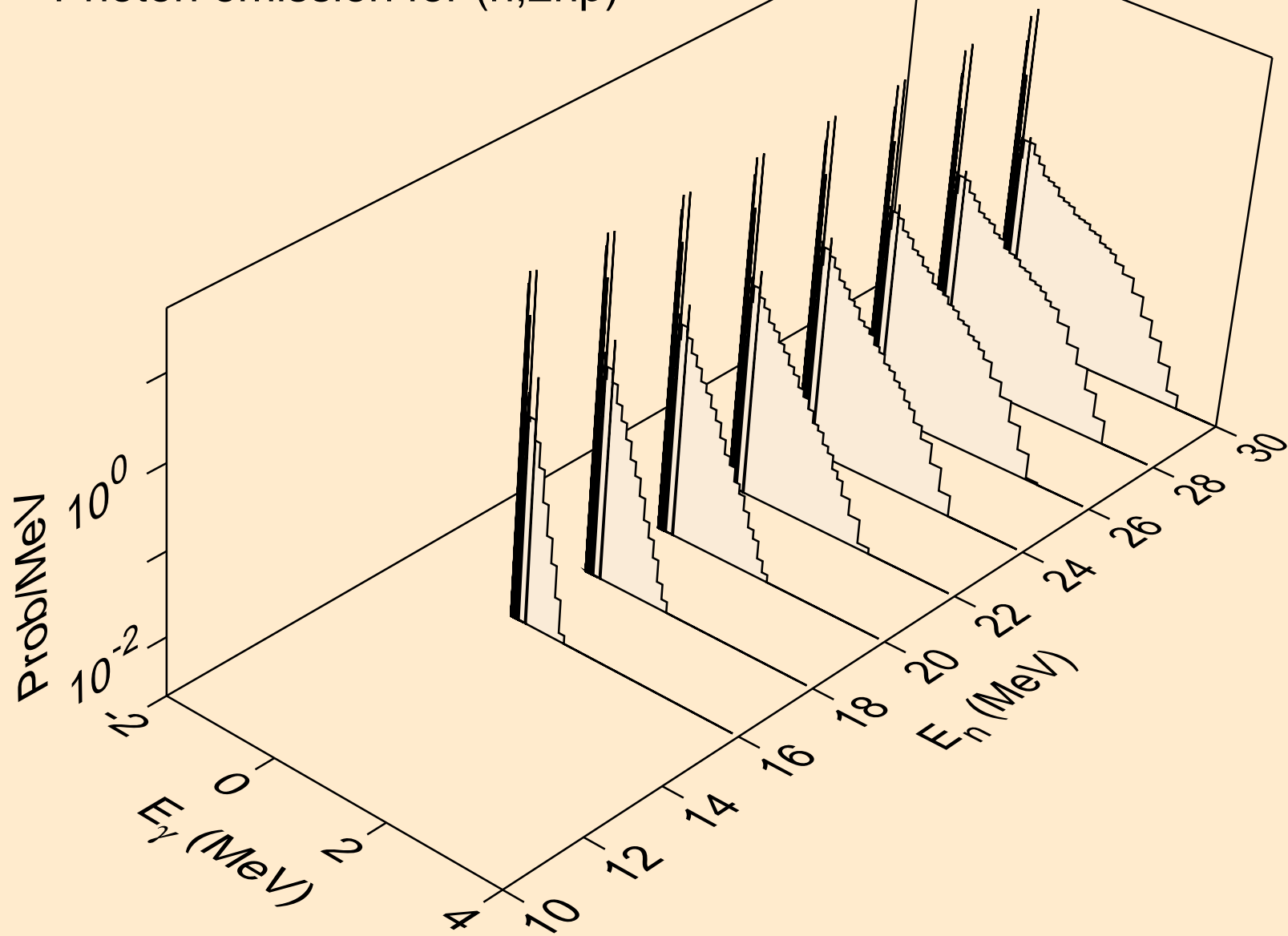
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



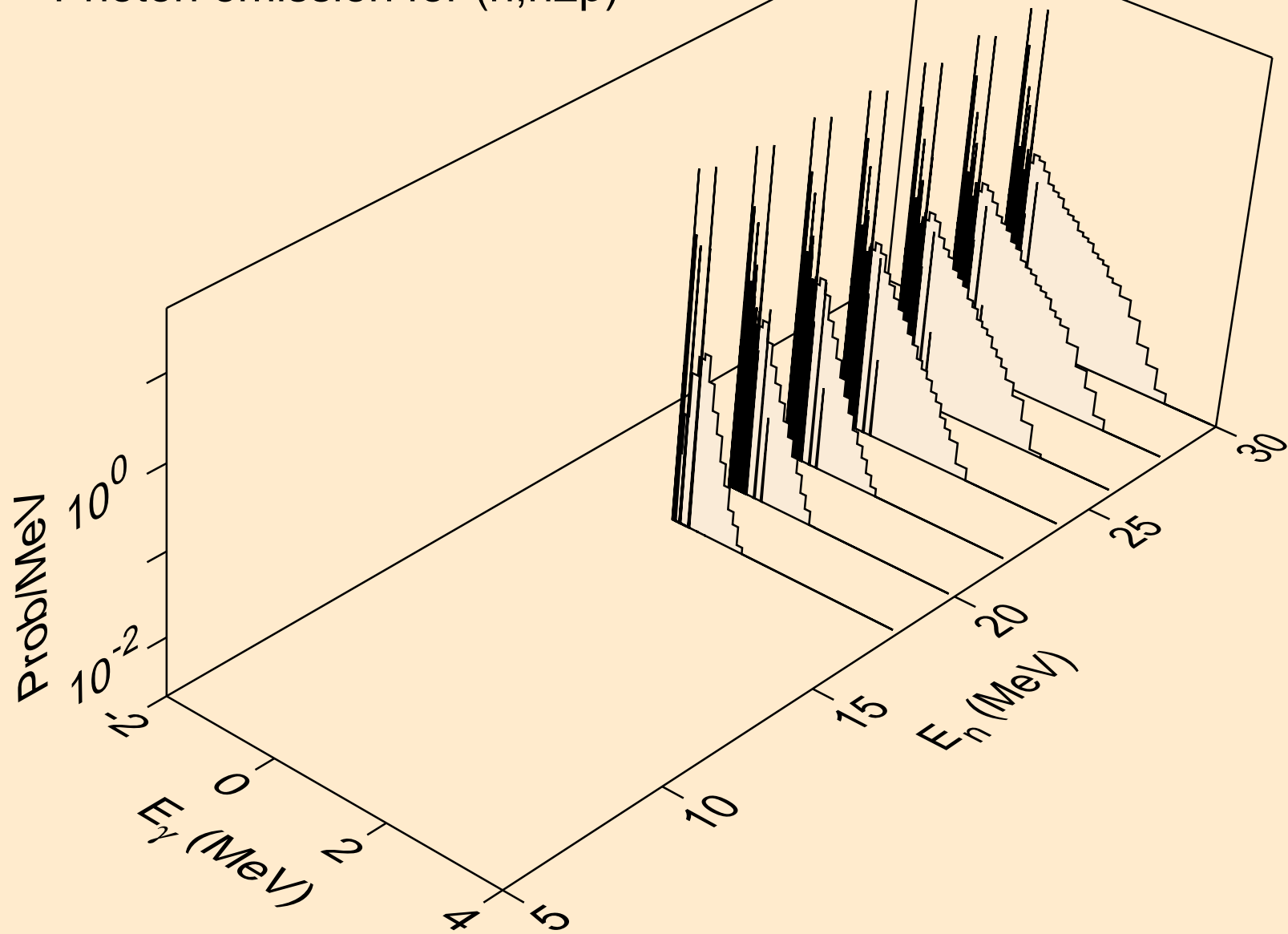
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,4n)



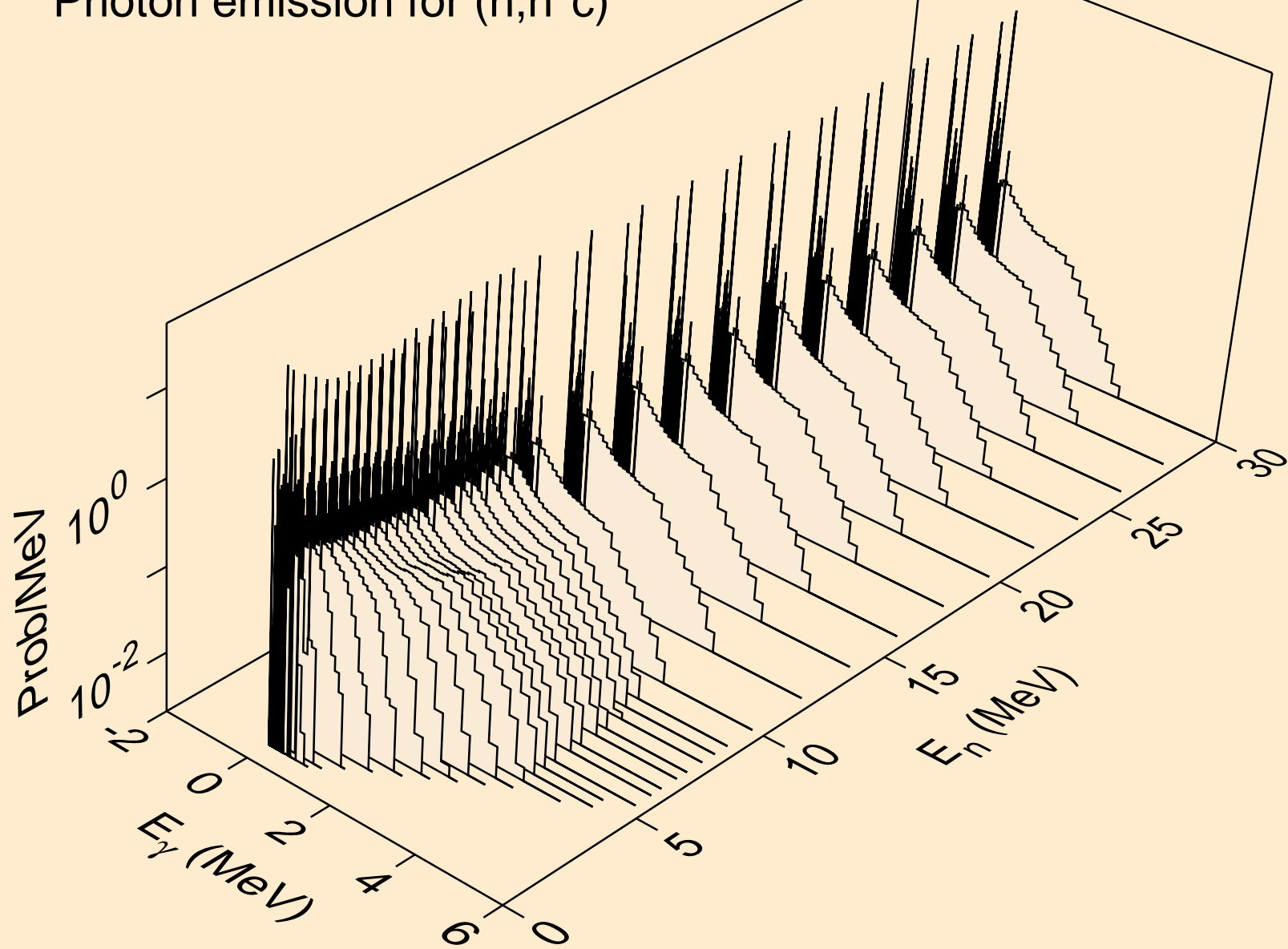
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



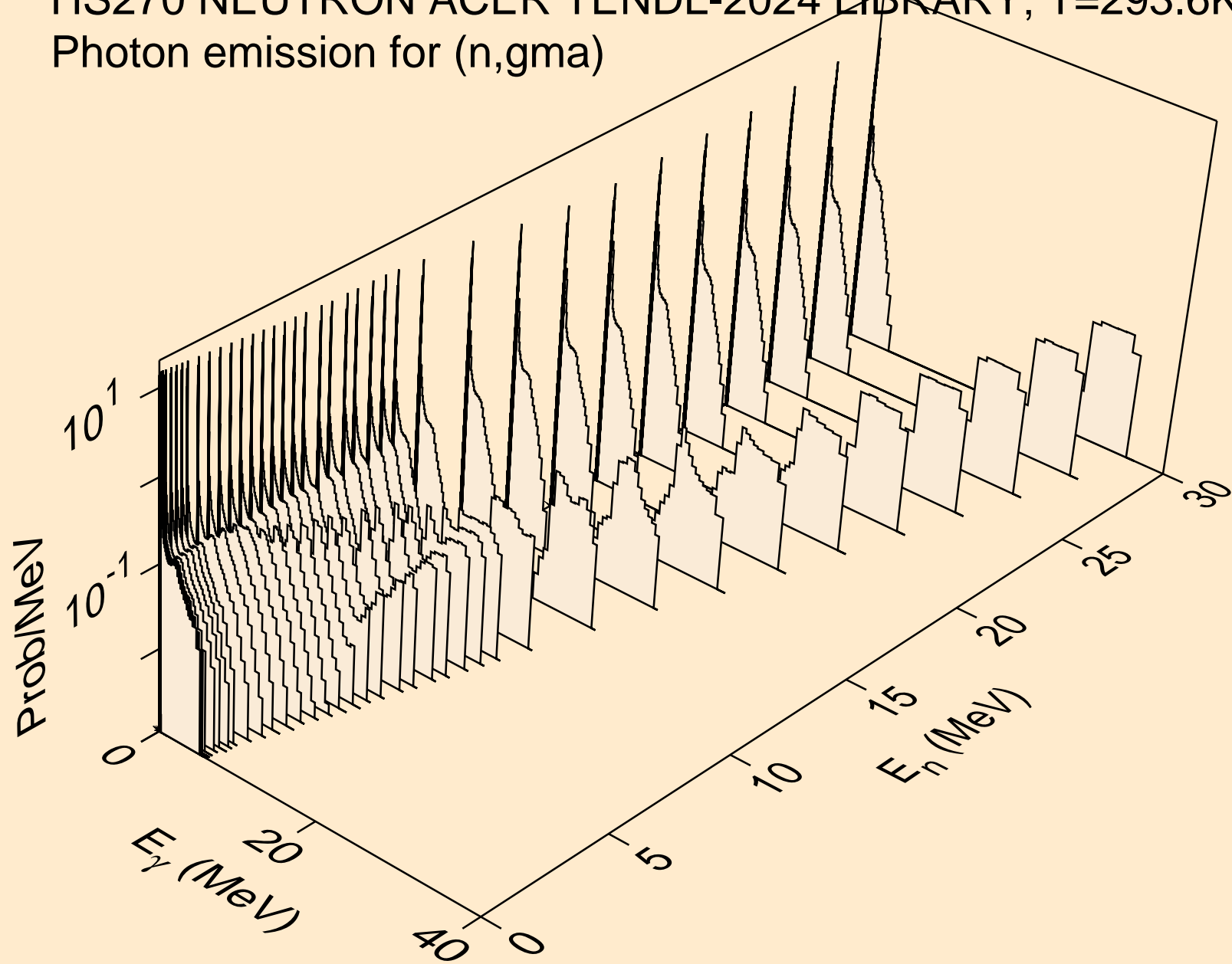
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n2p)



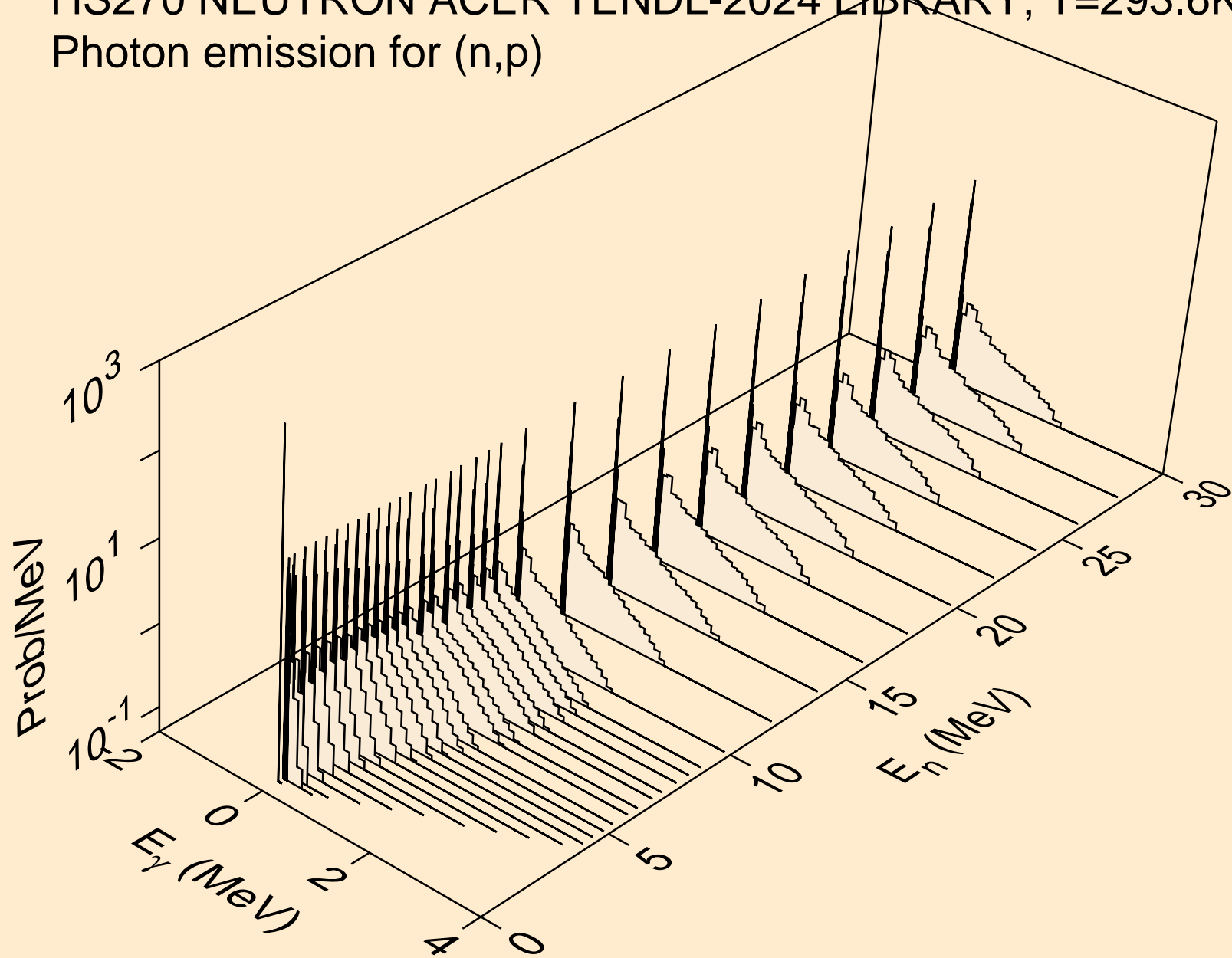
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



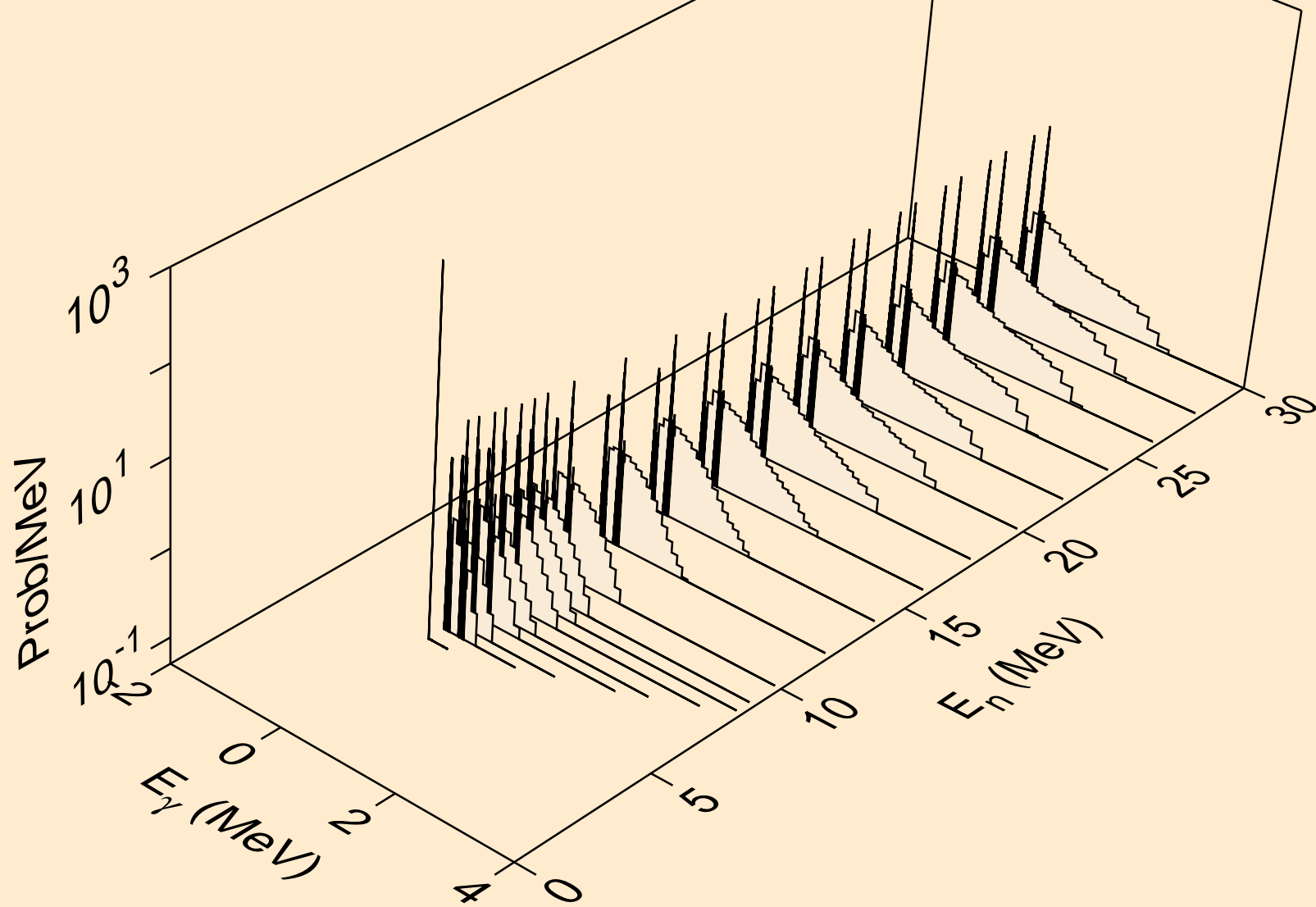
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,gma)



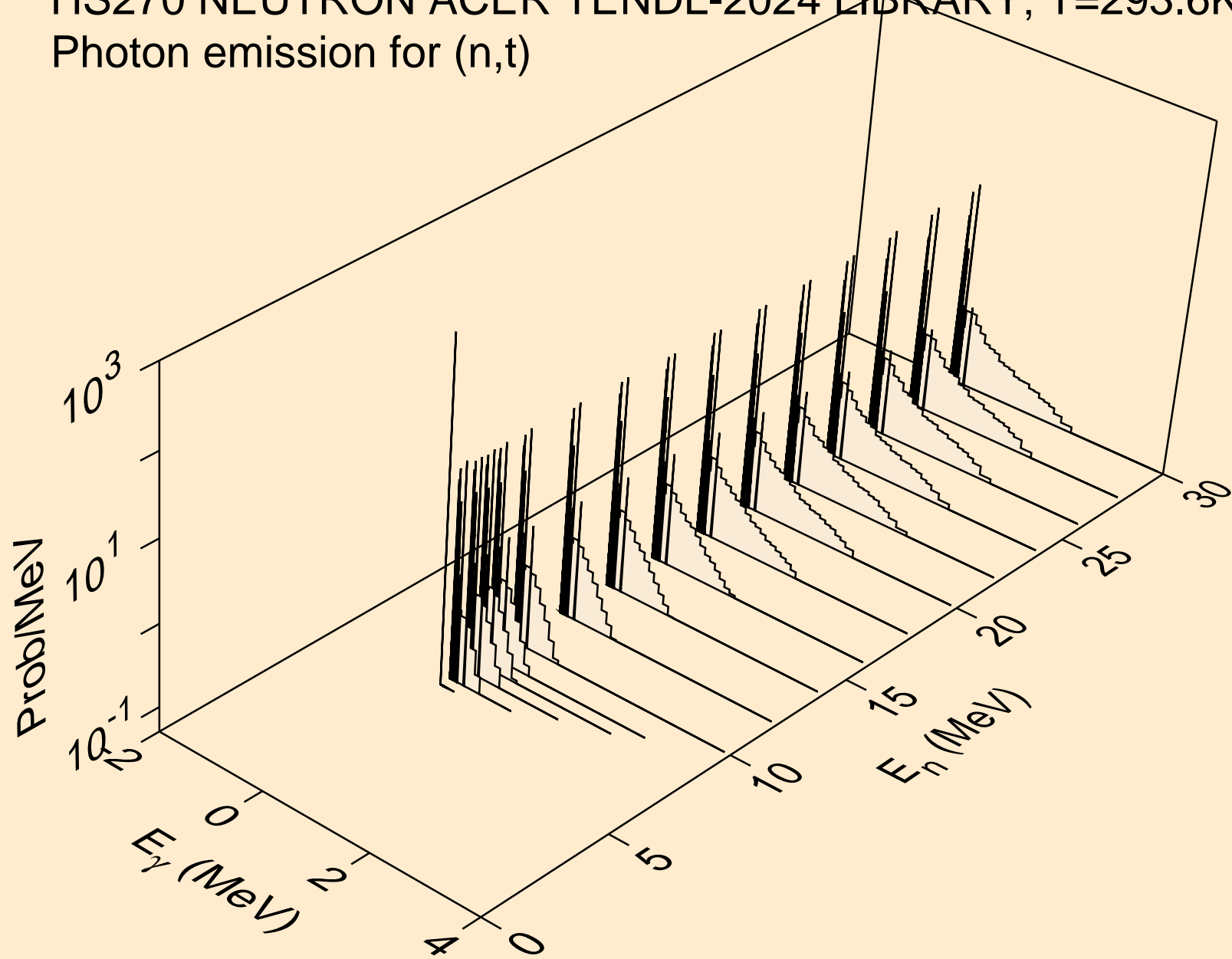
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



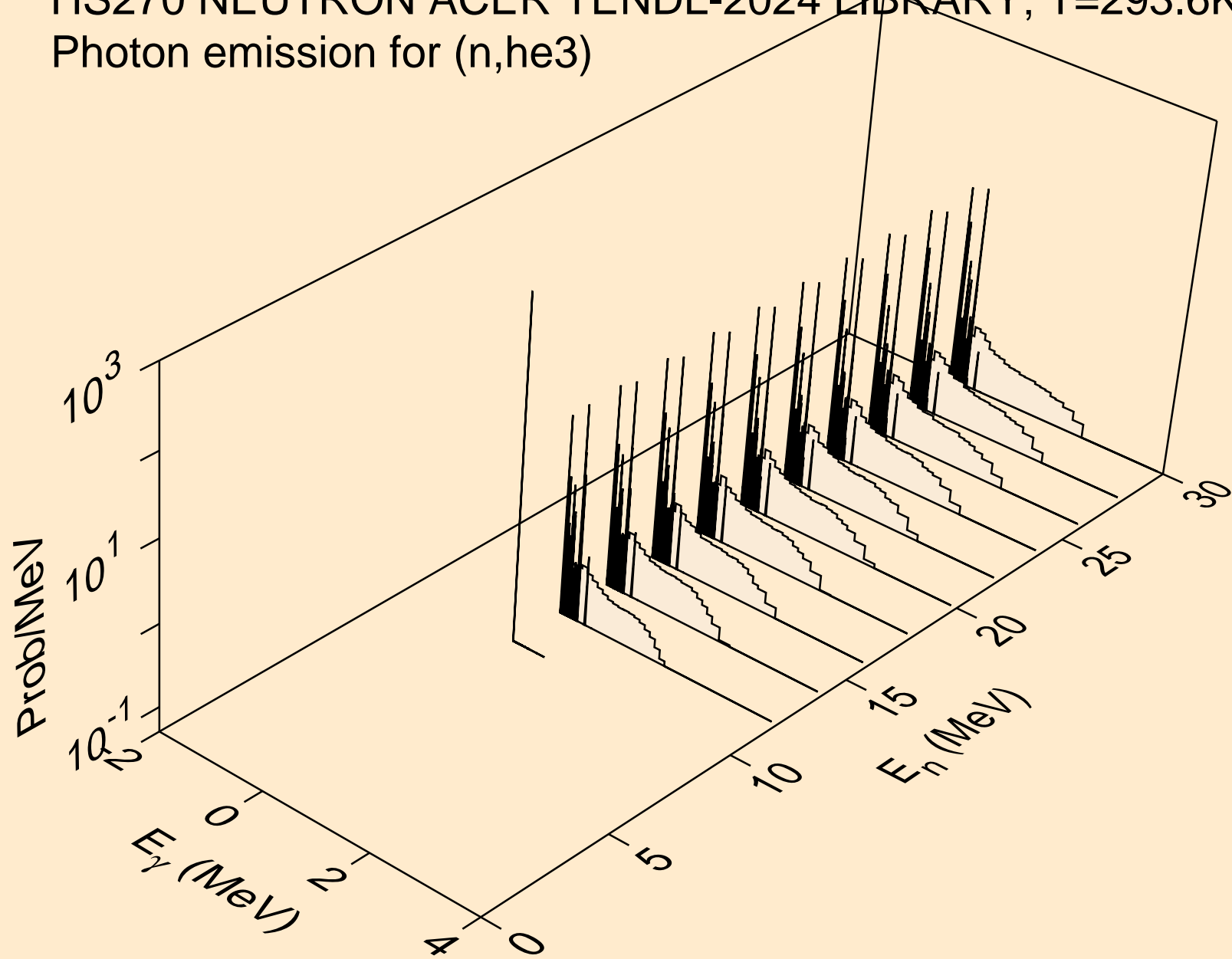
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



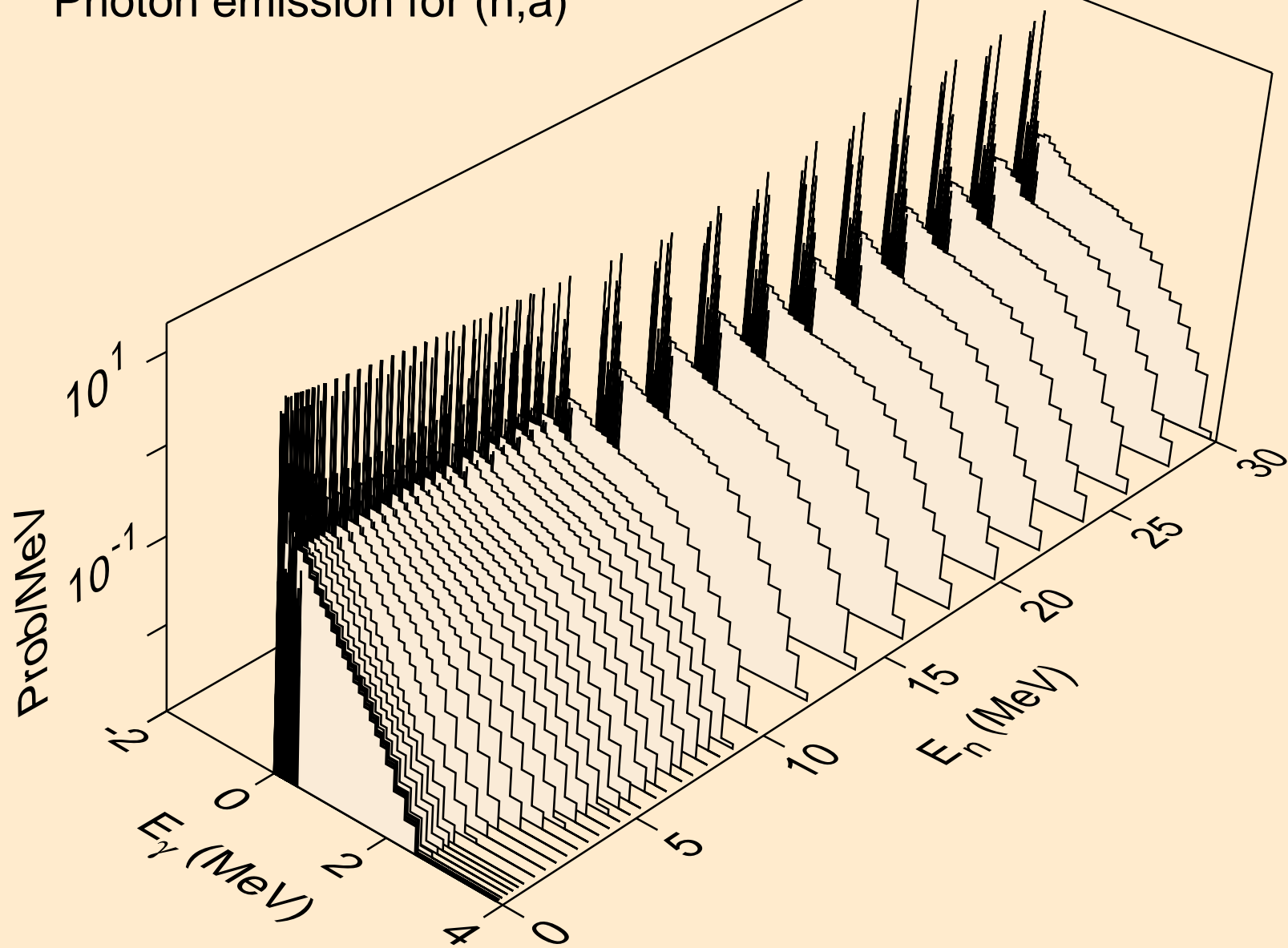
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



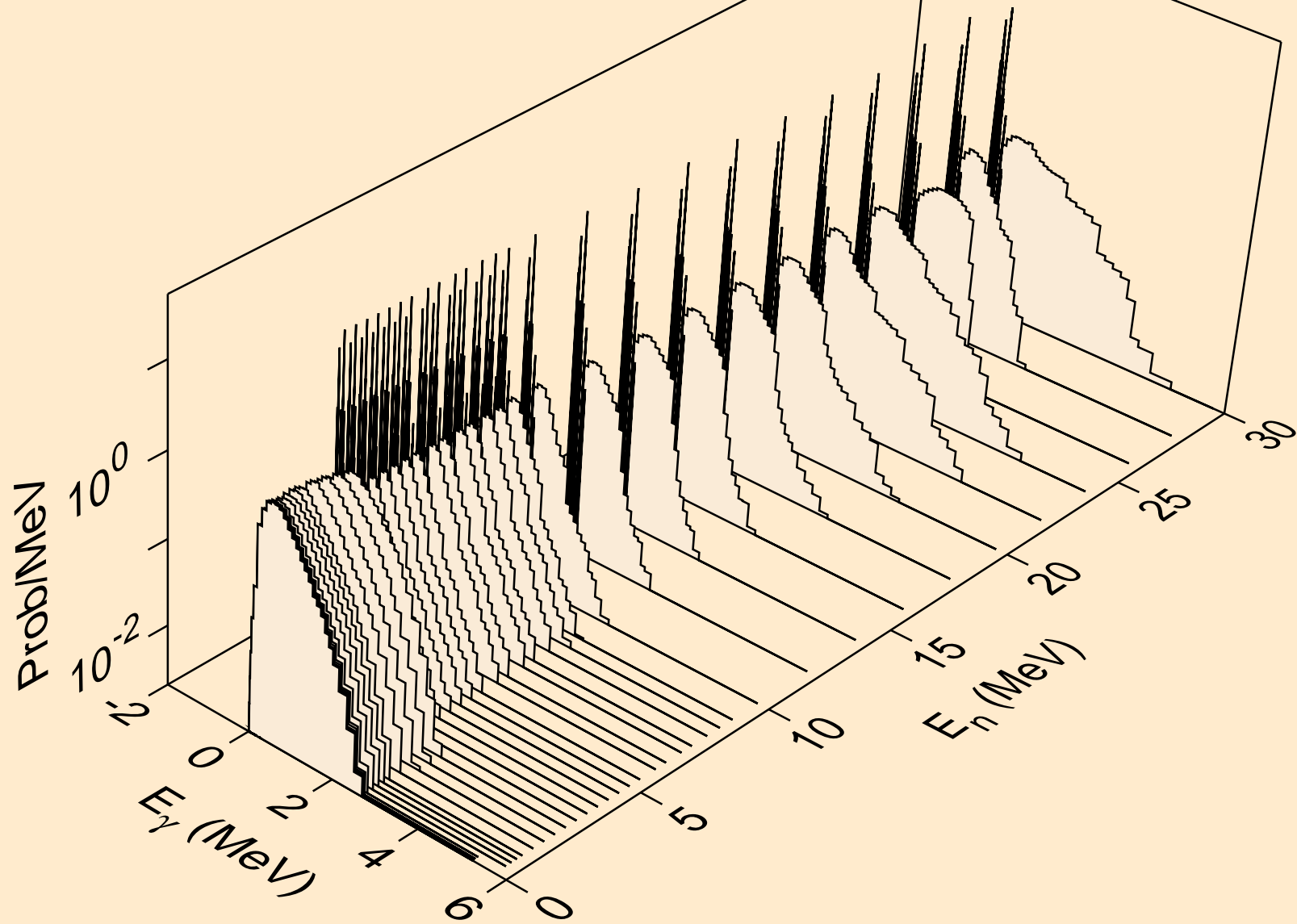
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



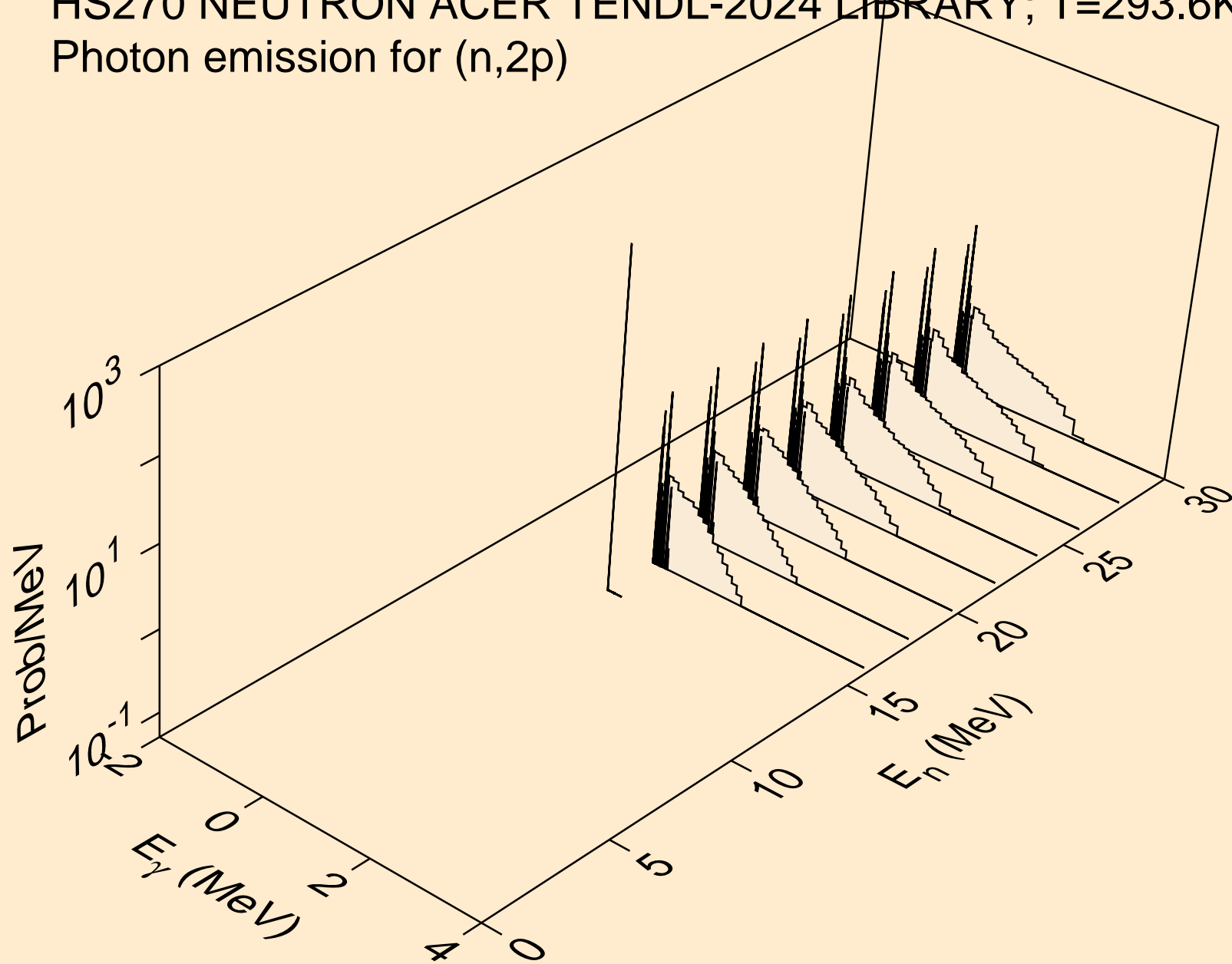
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



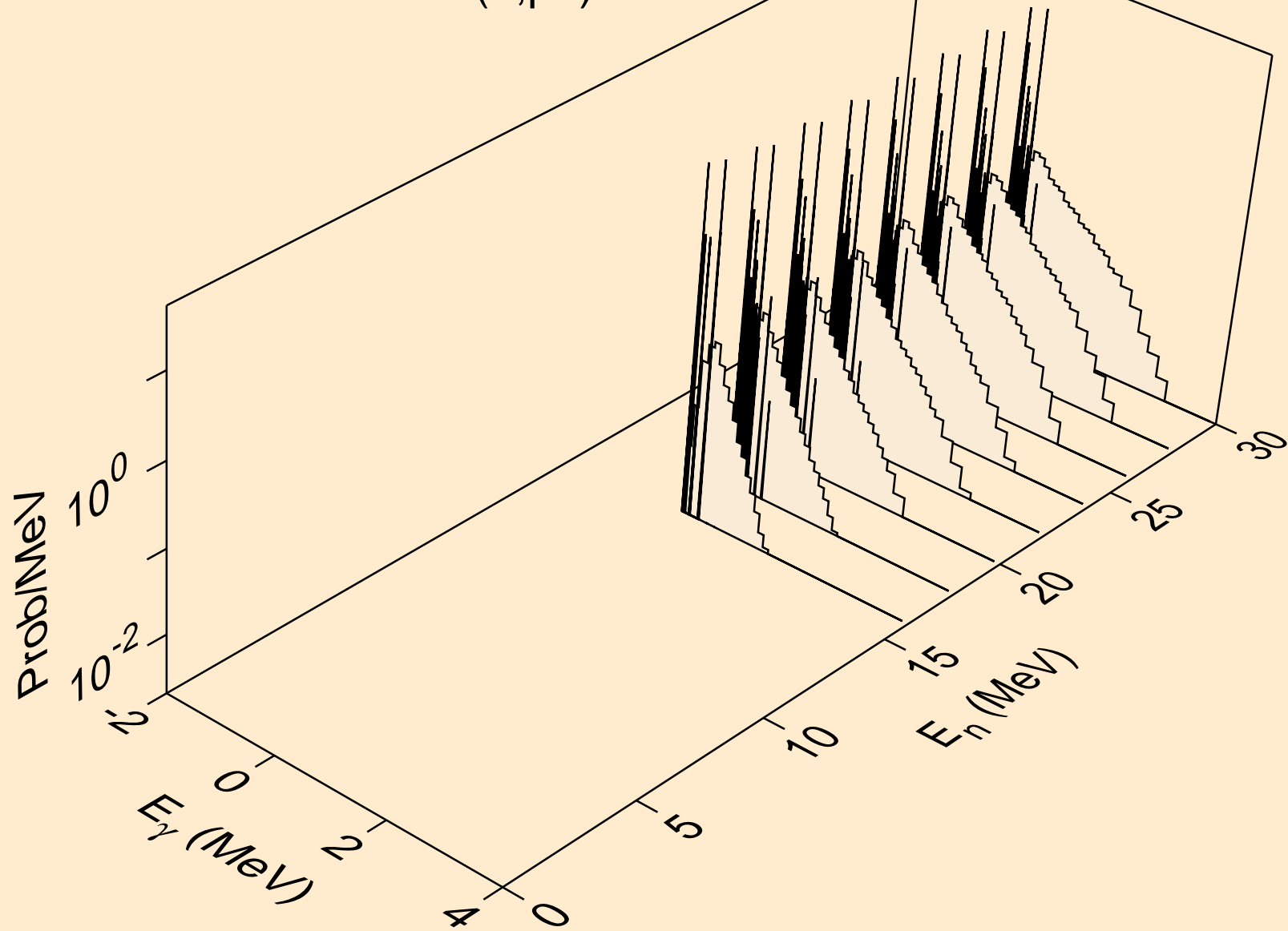
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Photon emission for (n,2a)



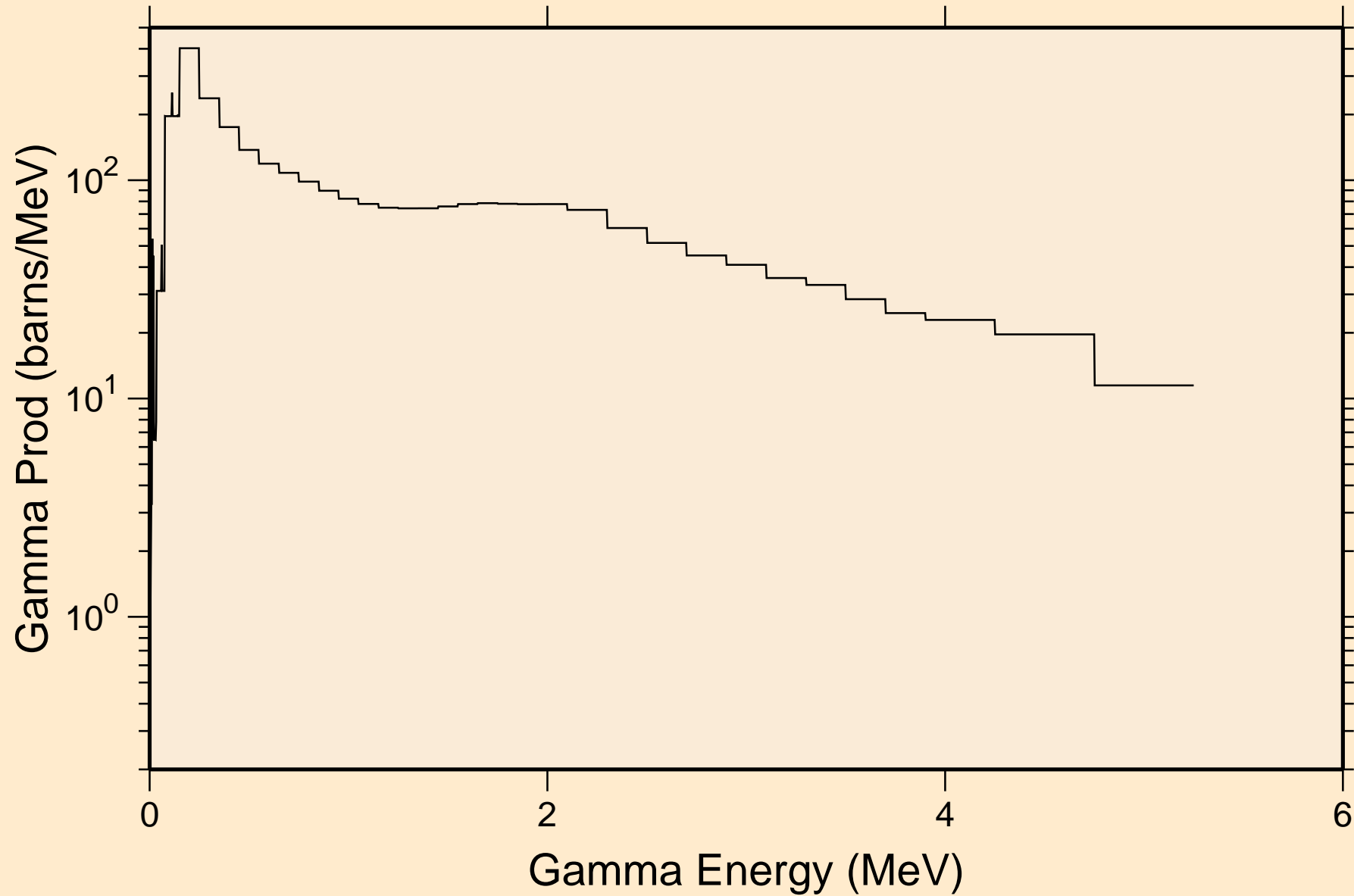
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)



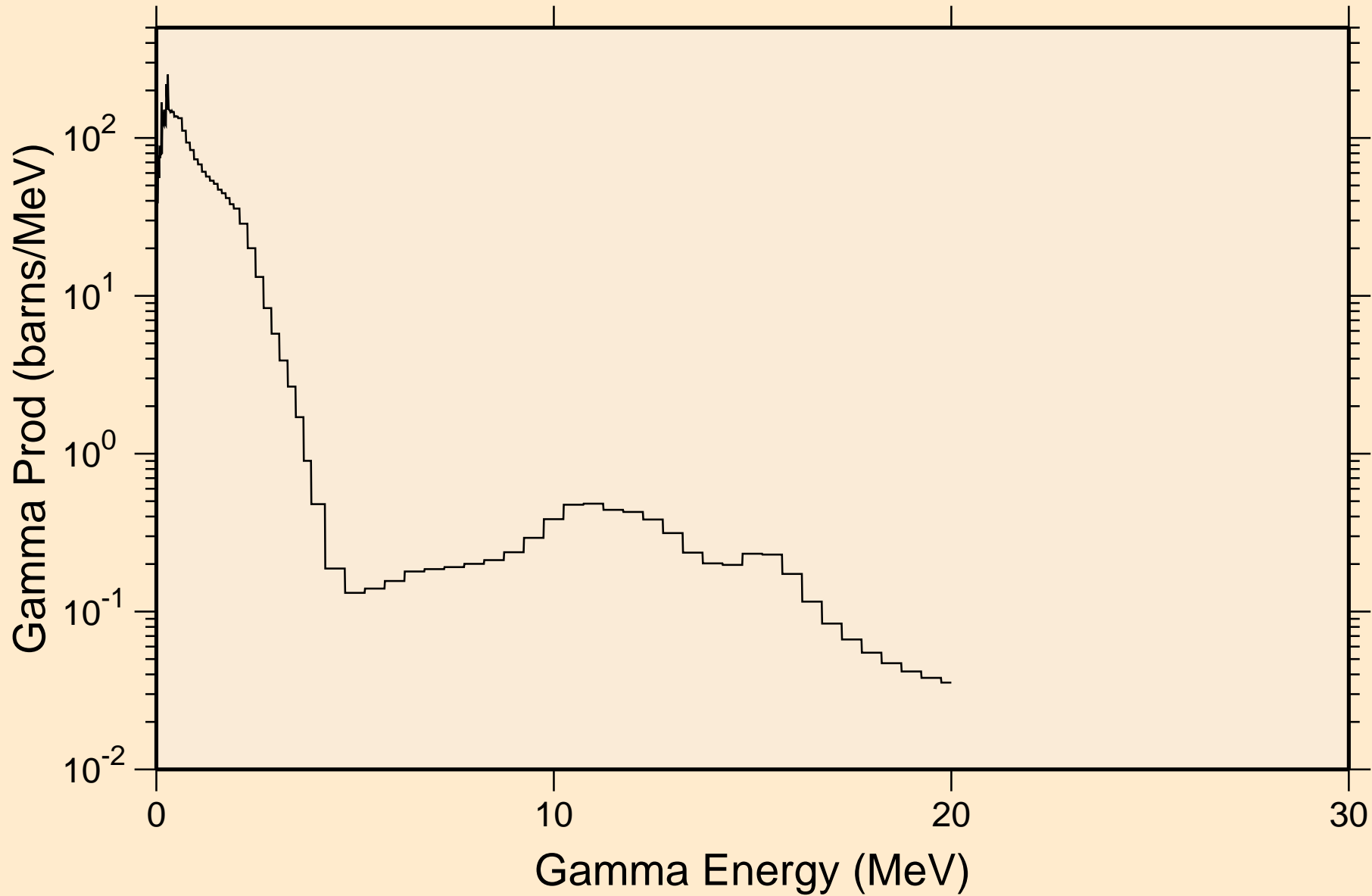
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pd)



HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum

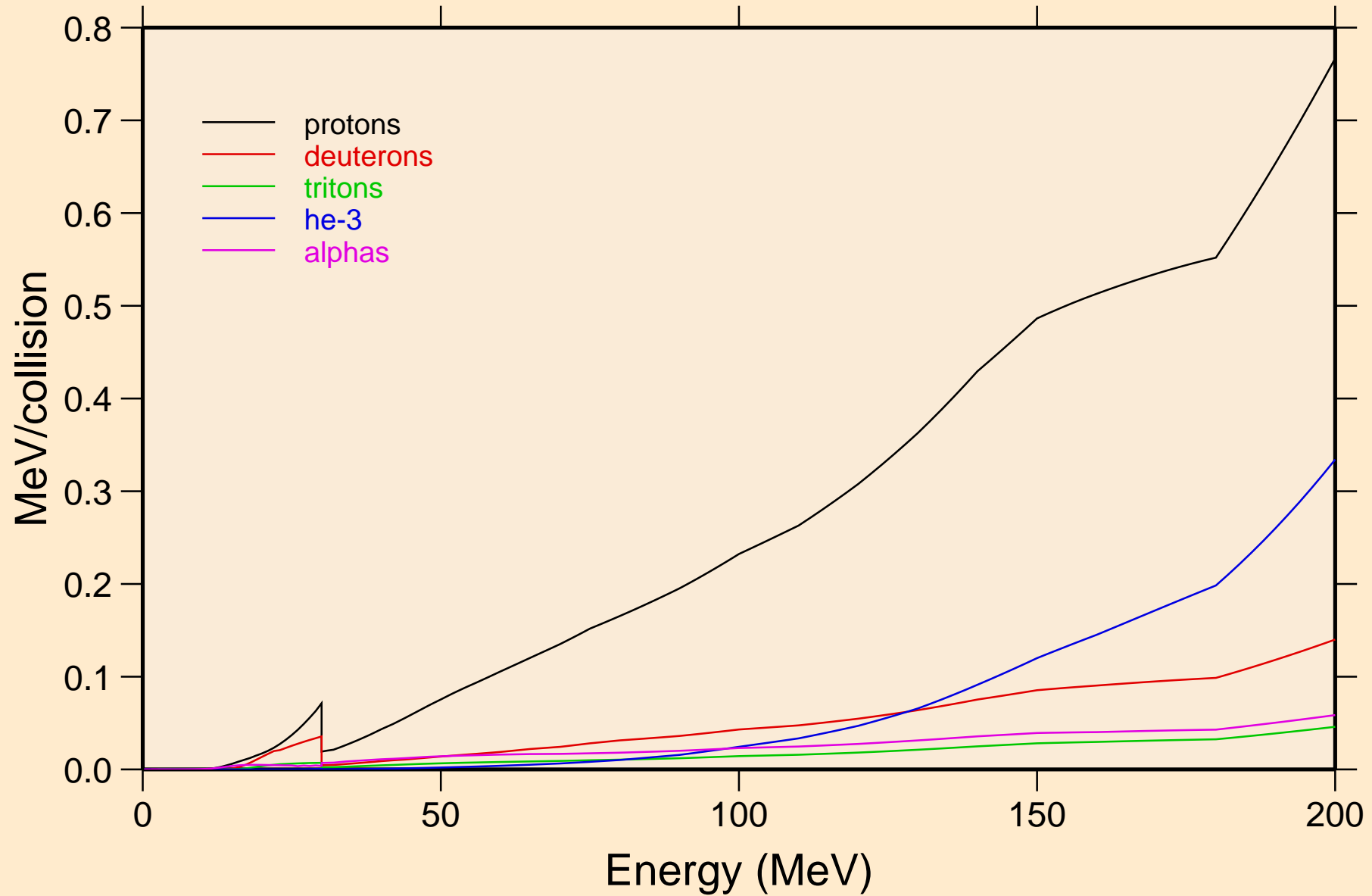


HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum

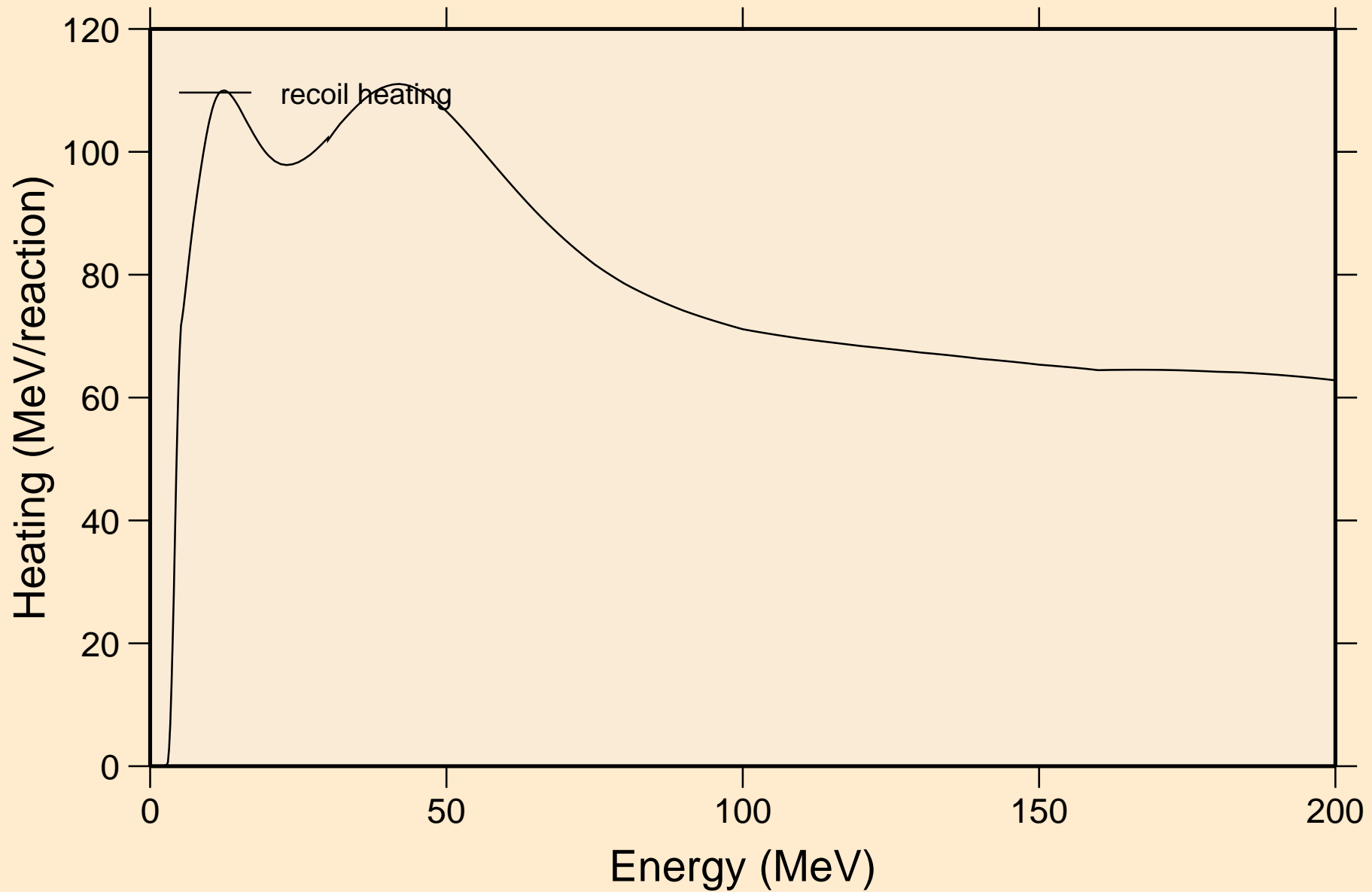


# HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Particle heating contributions

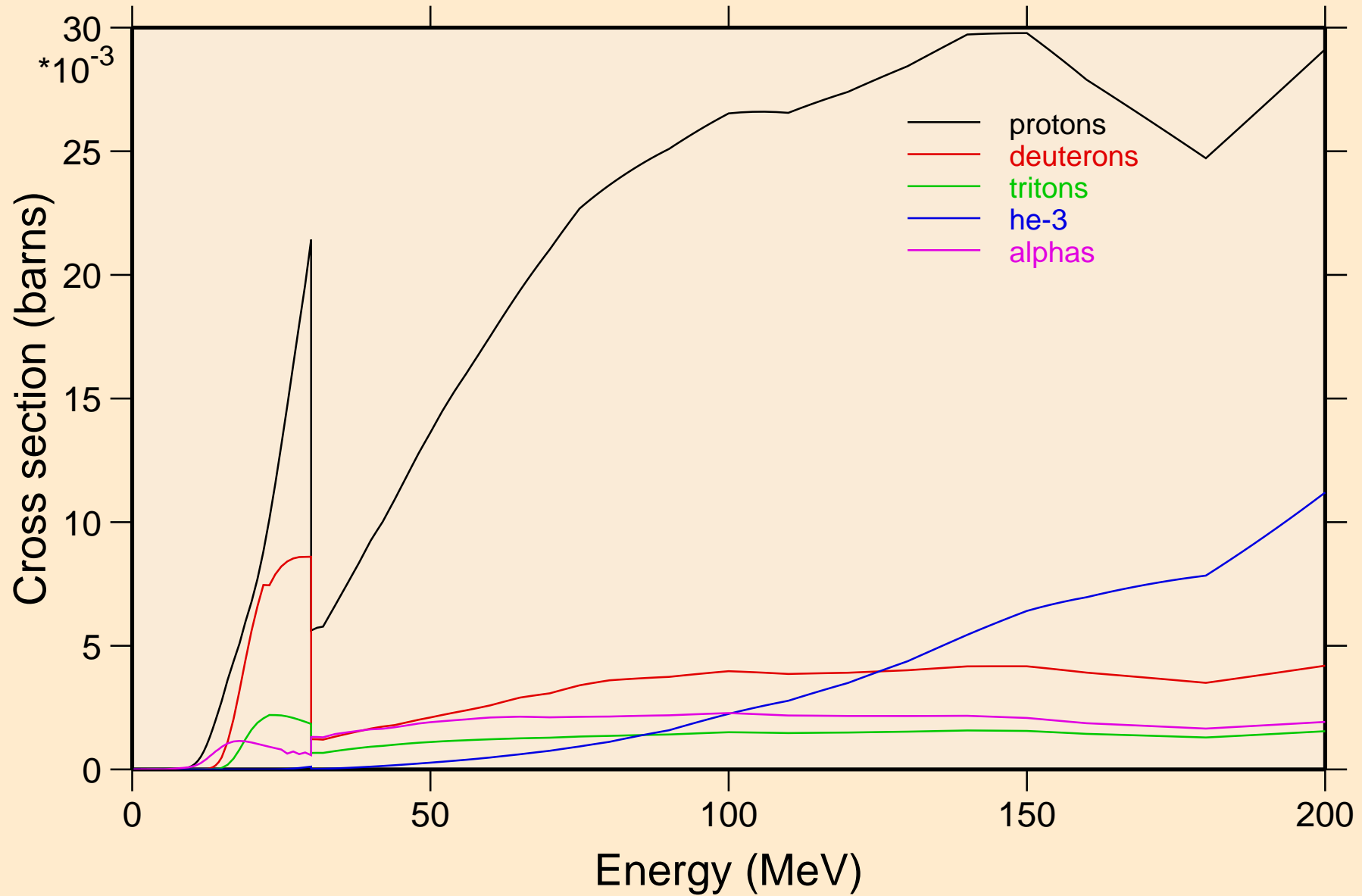


HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating

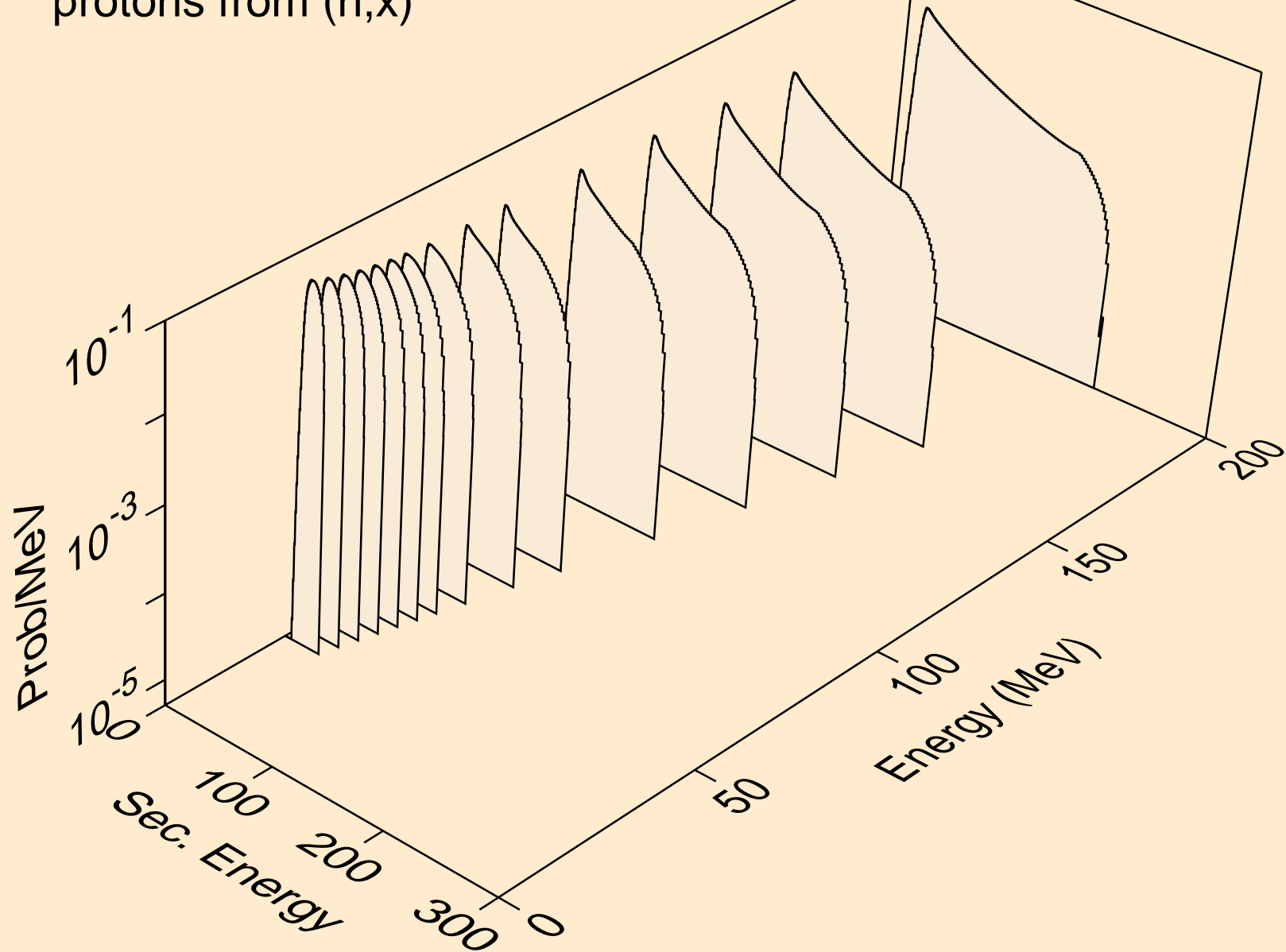


# HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

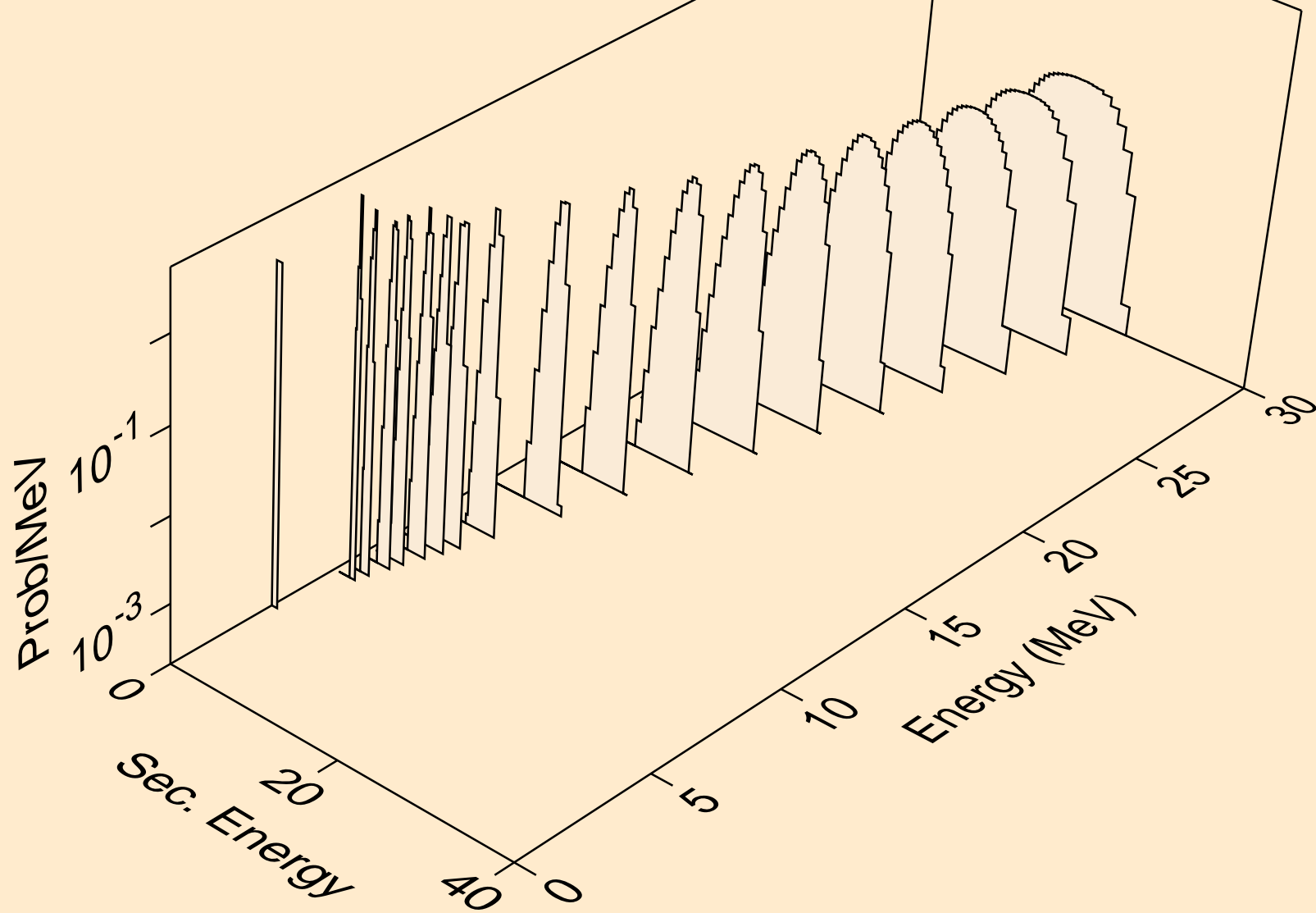
## Particle production cross sections



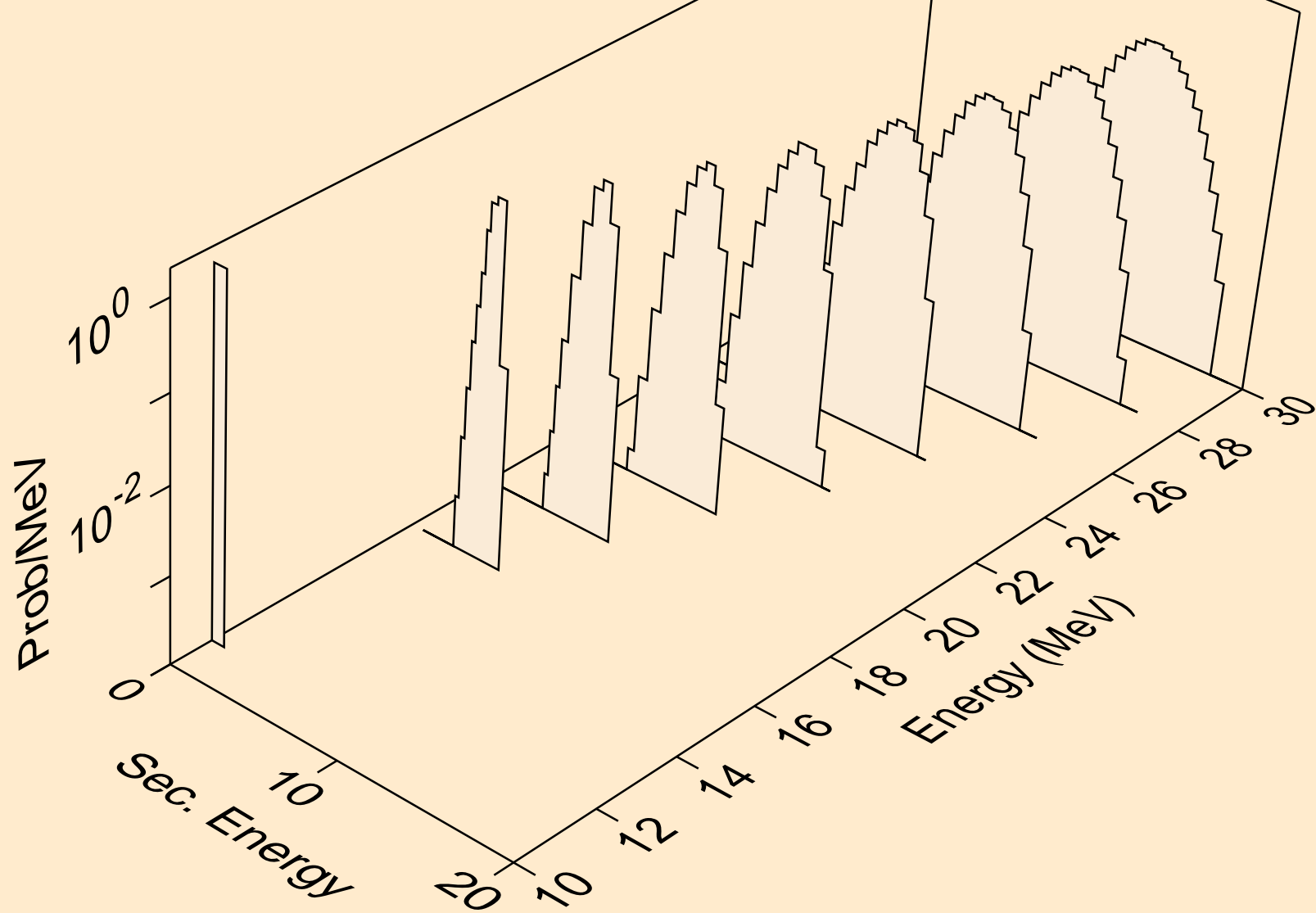
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



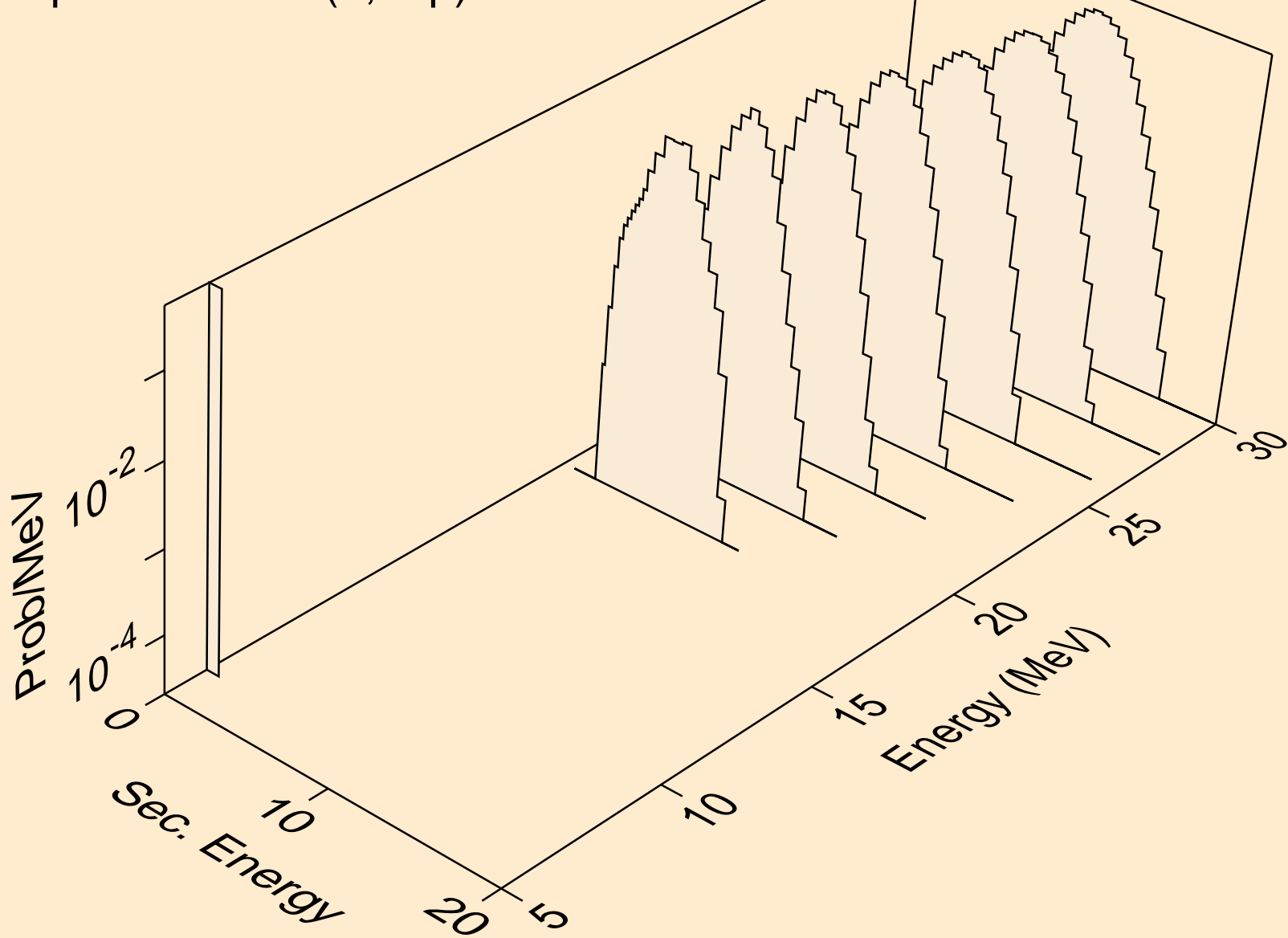
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



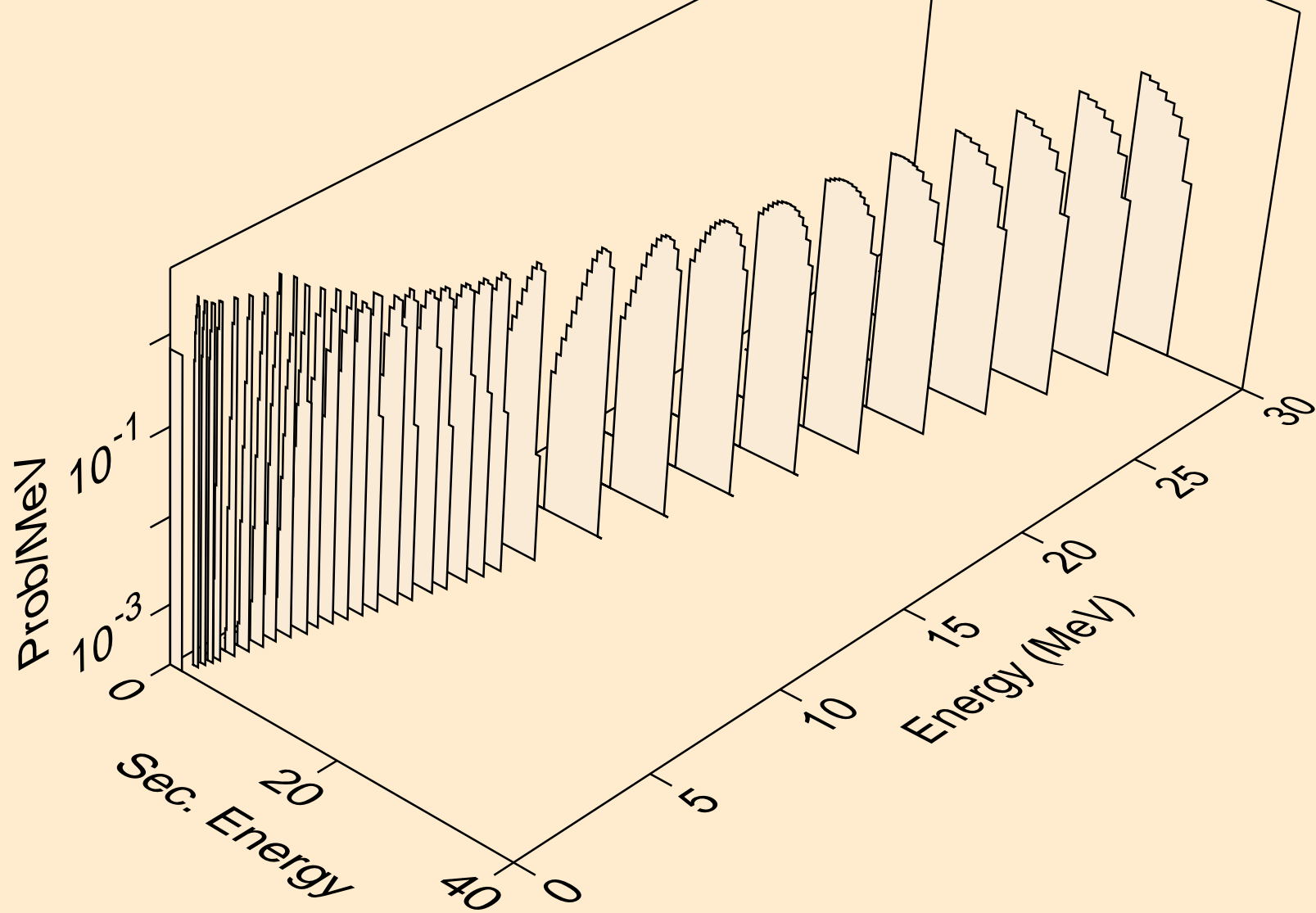
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protons from (n,2np)



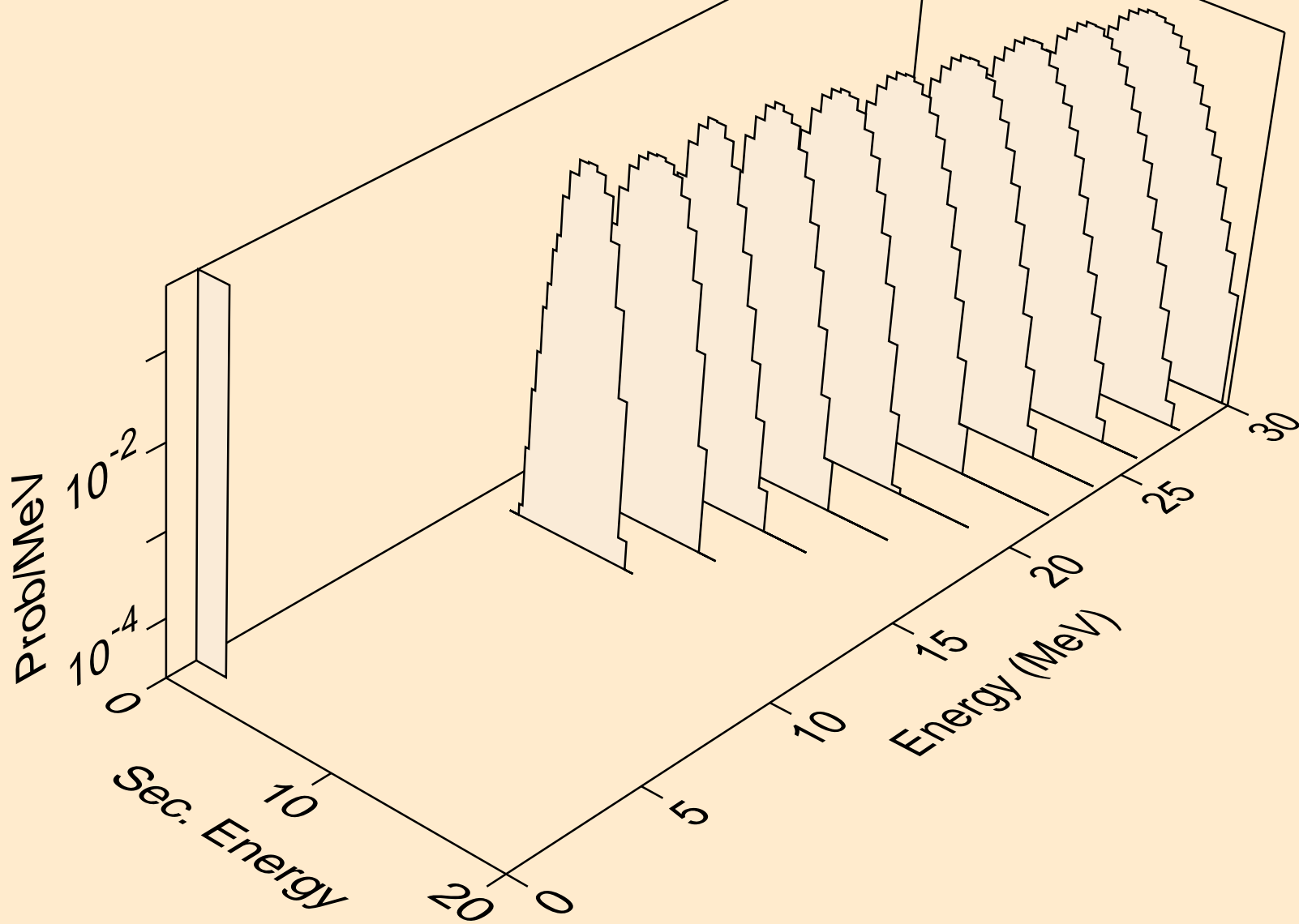
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protons from (n,n2p)



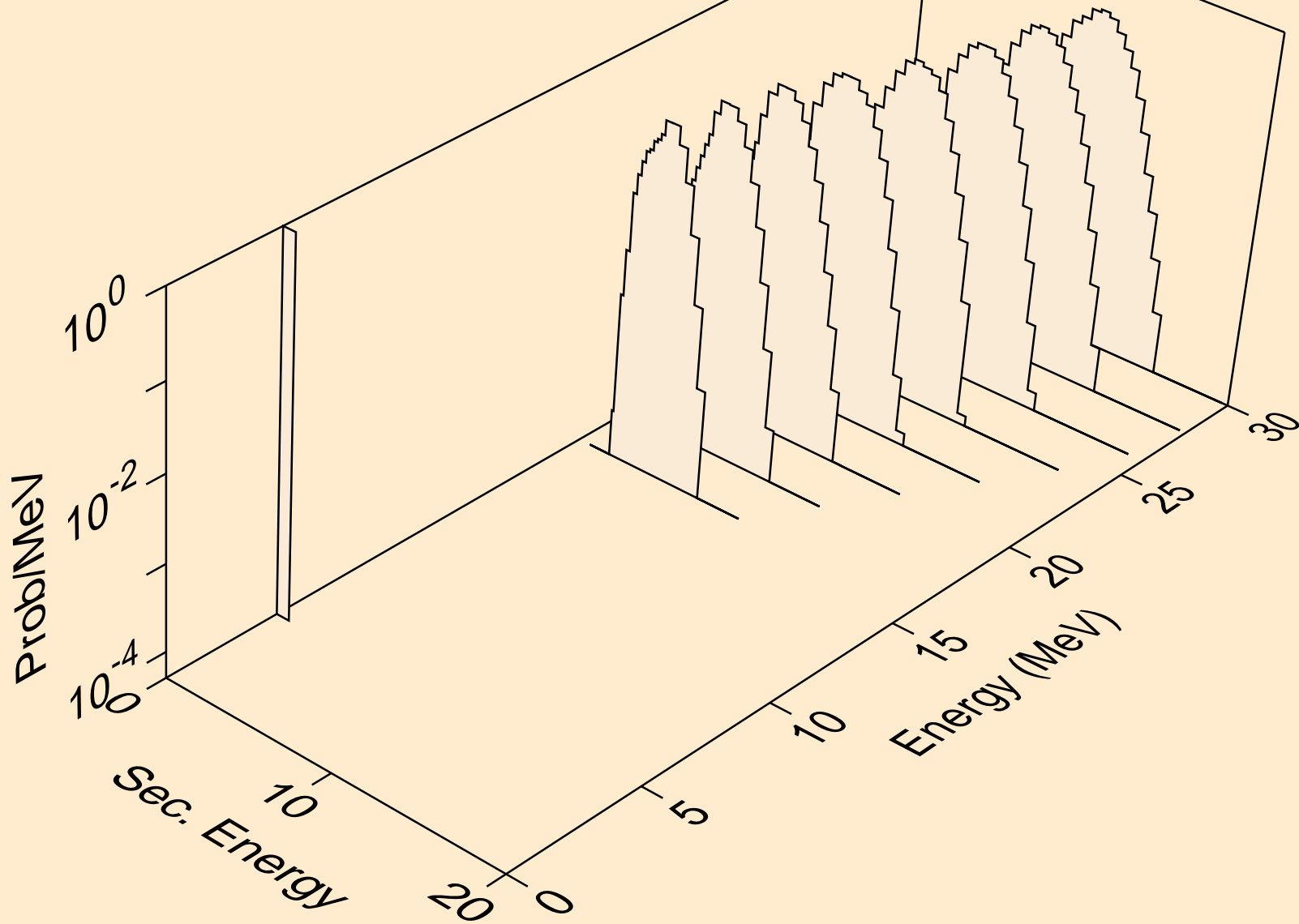
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protons from (n,p)



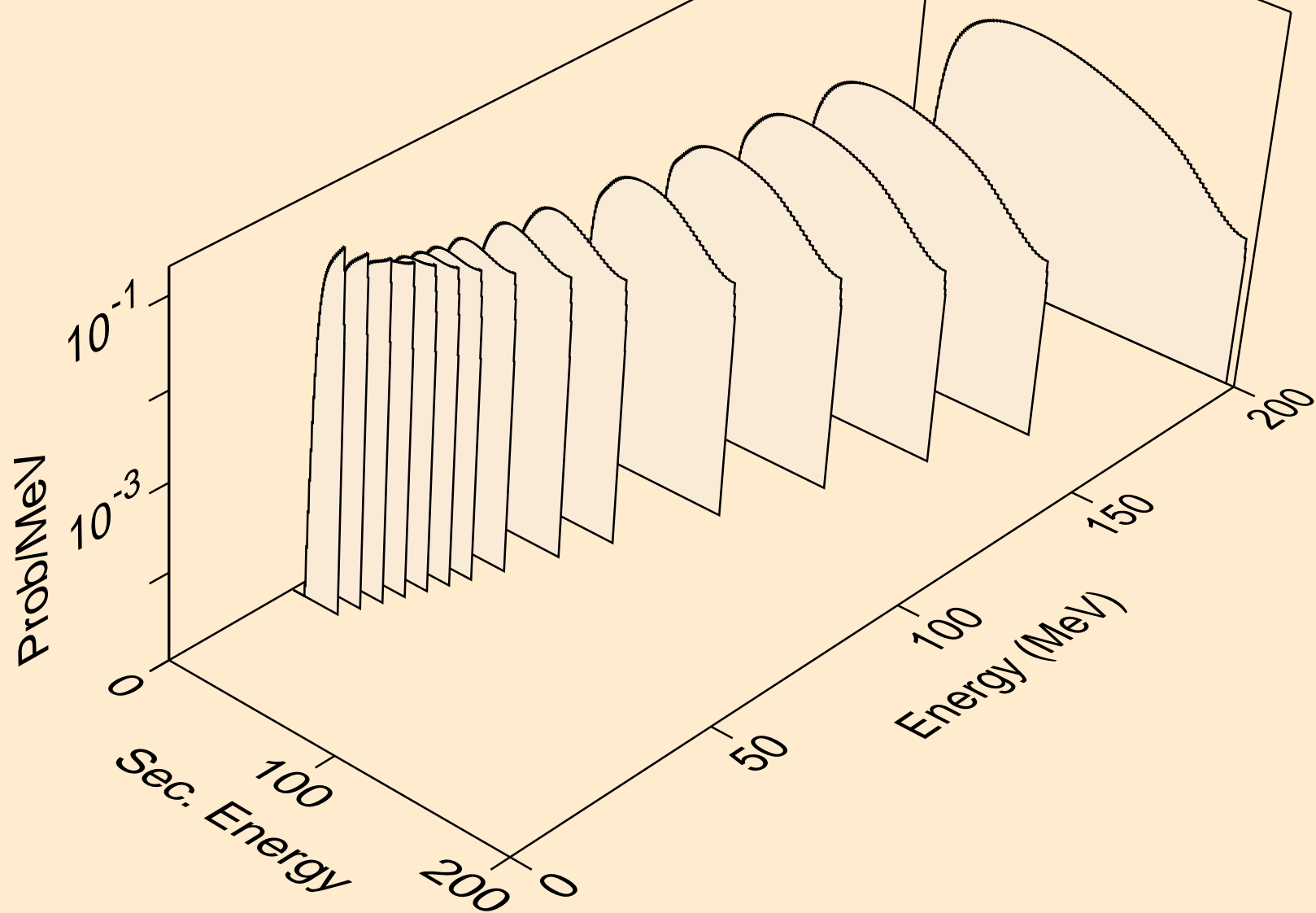
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protons from (n,2p)



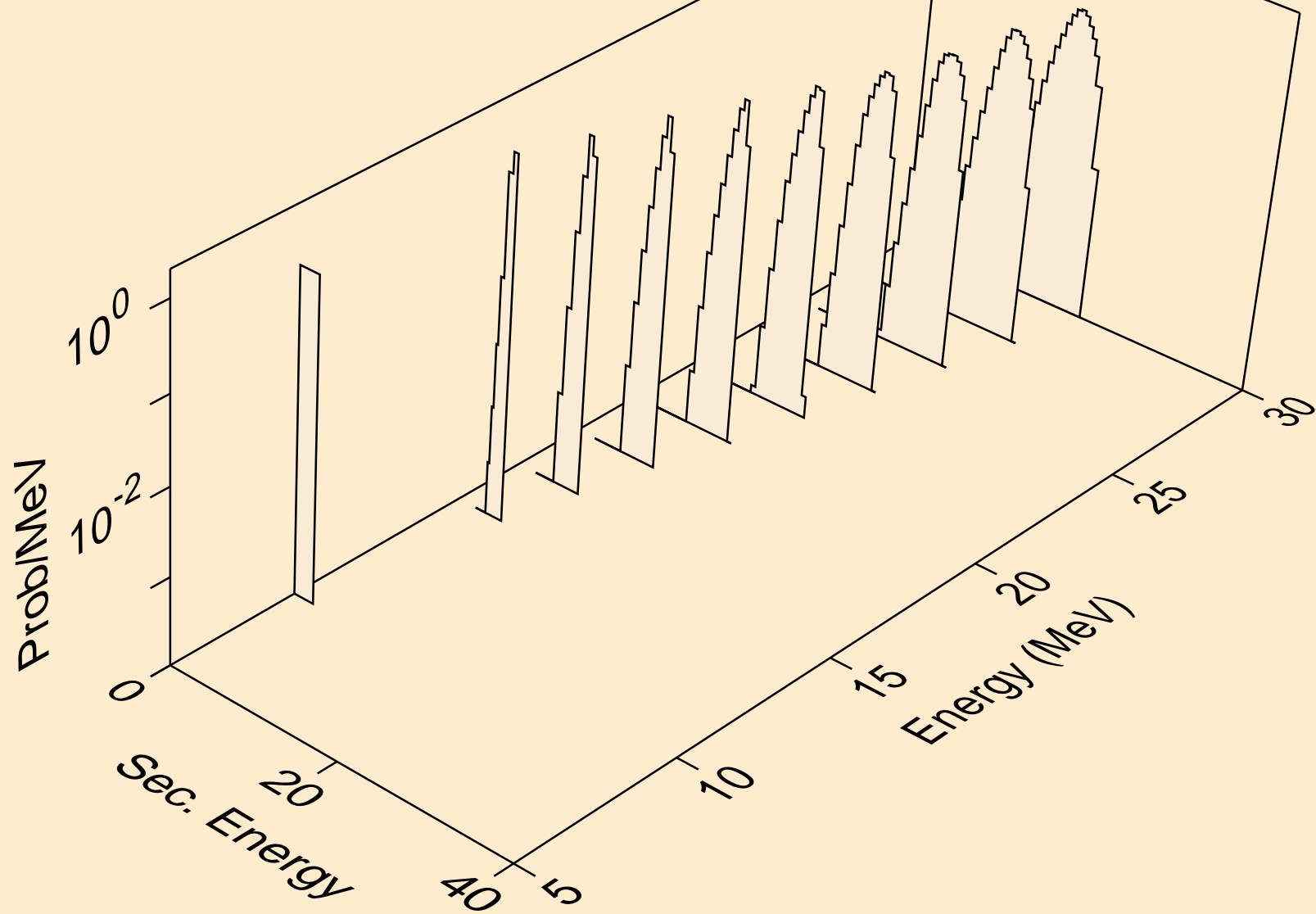
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,pd)



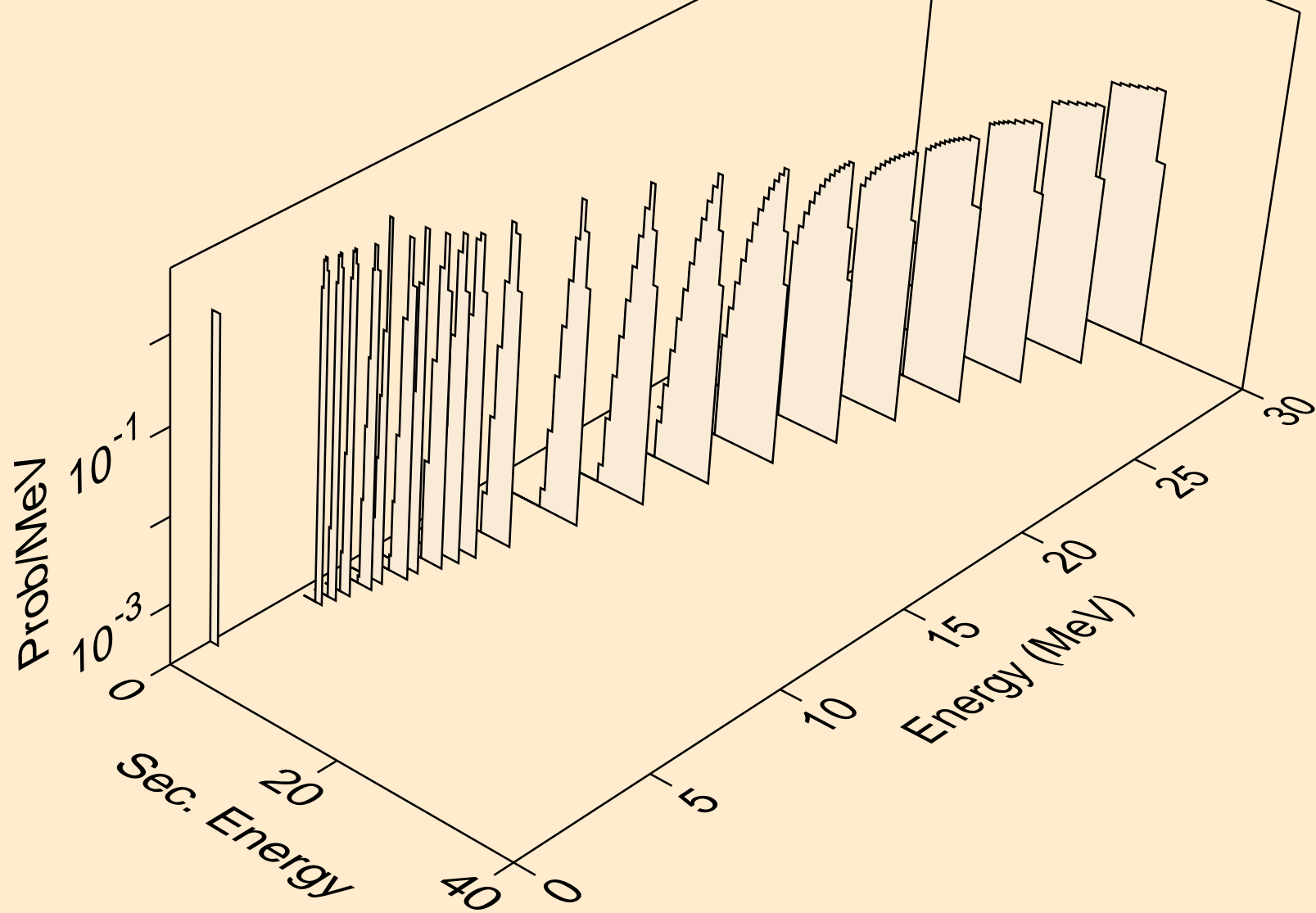
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deuterons from (n,x)



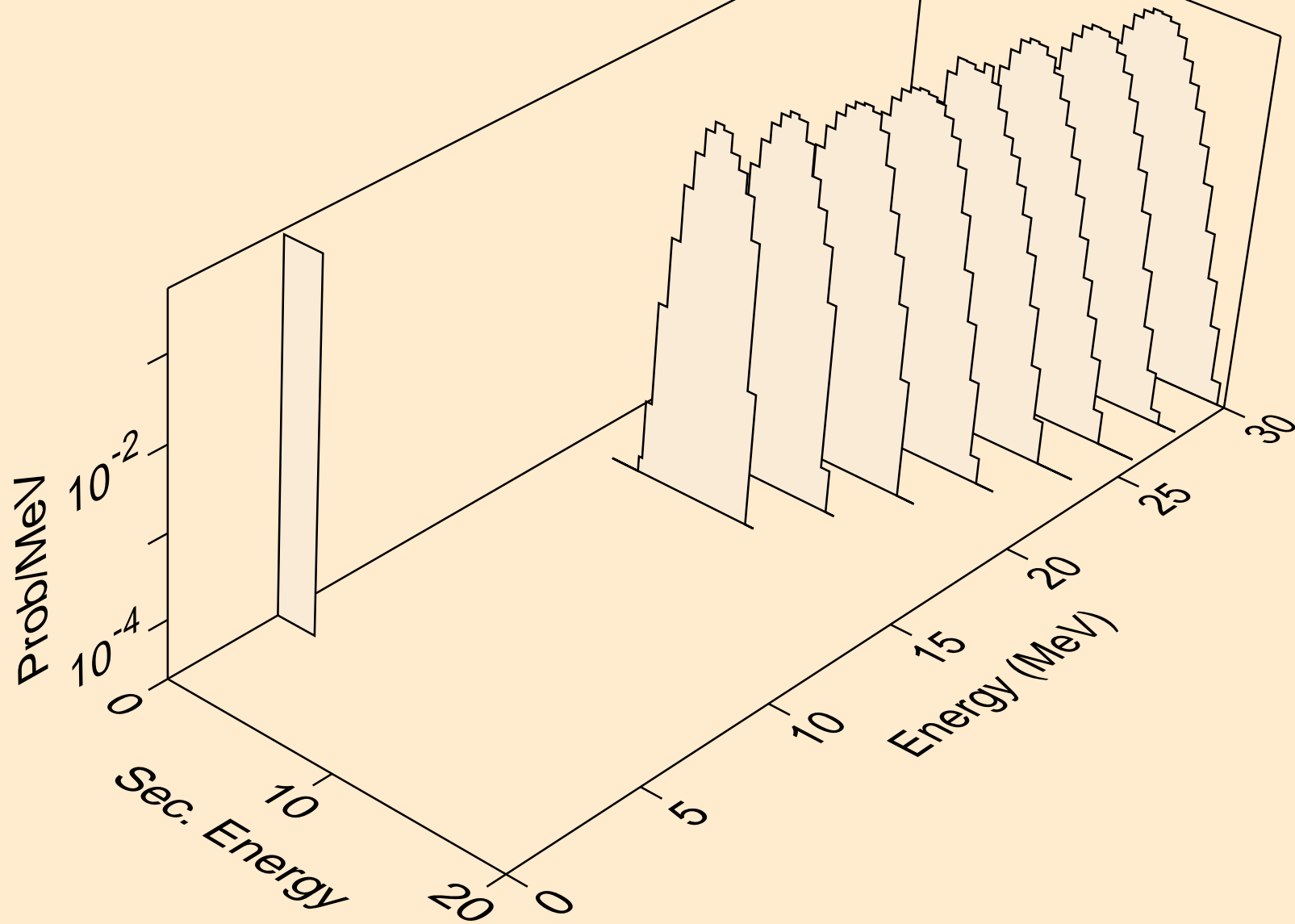
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deuterons from (n,n\*)d



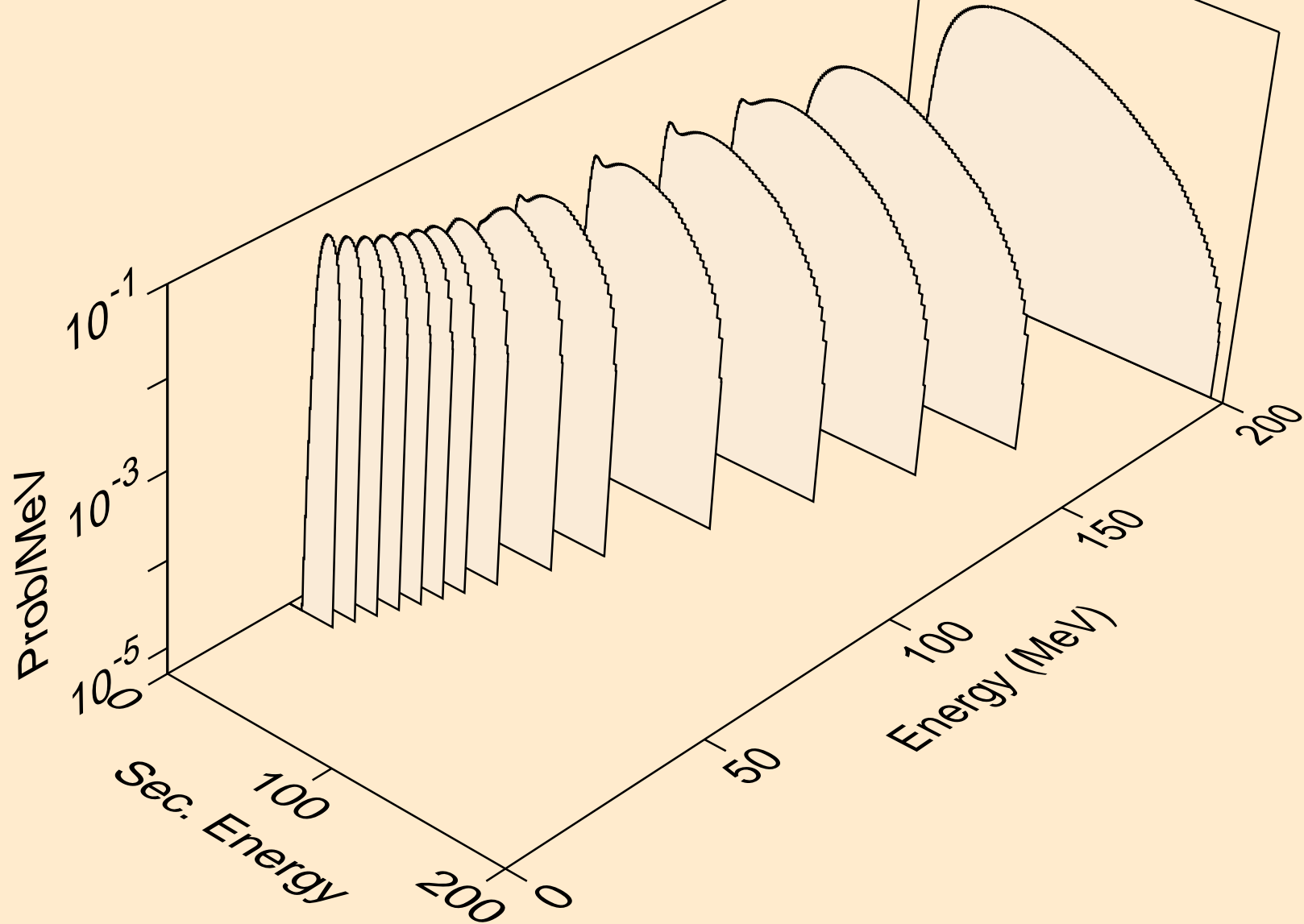
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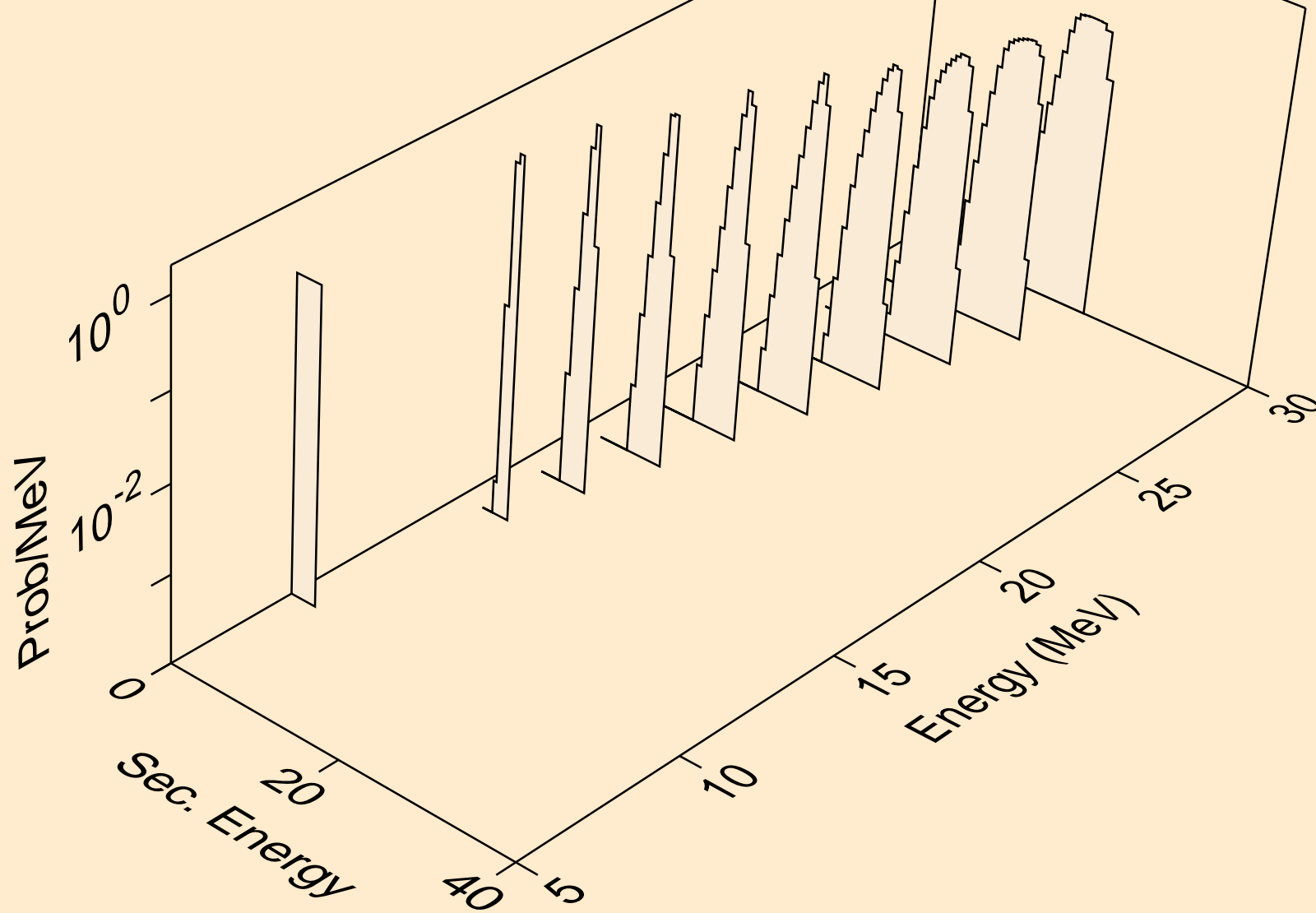
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deuterons from (n,pd)



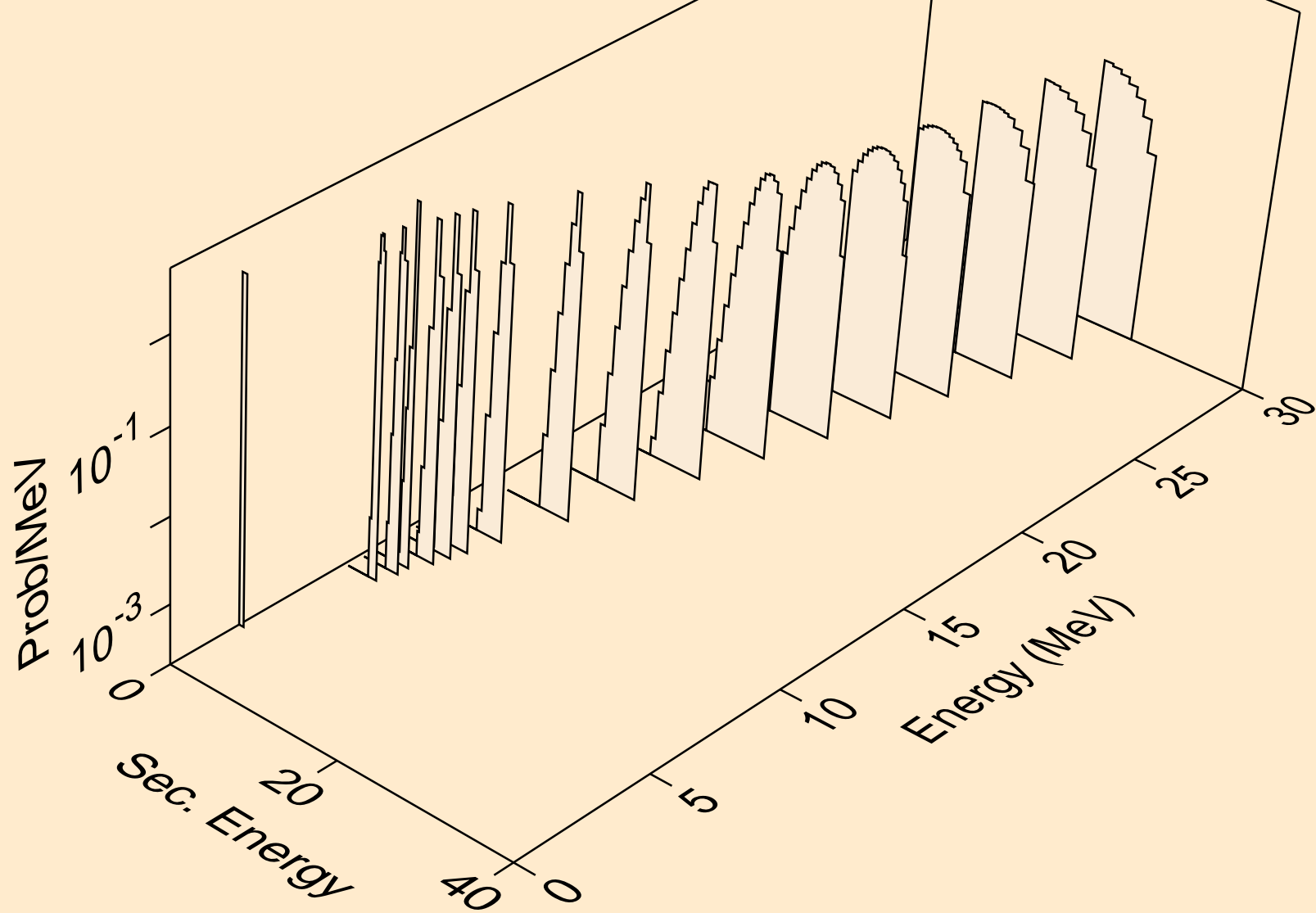
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



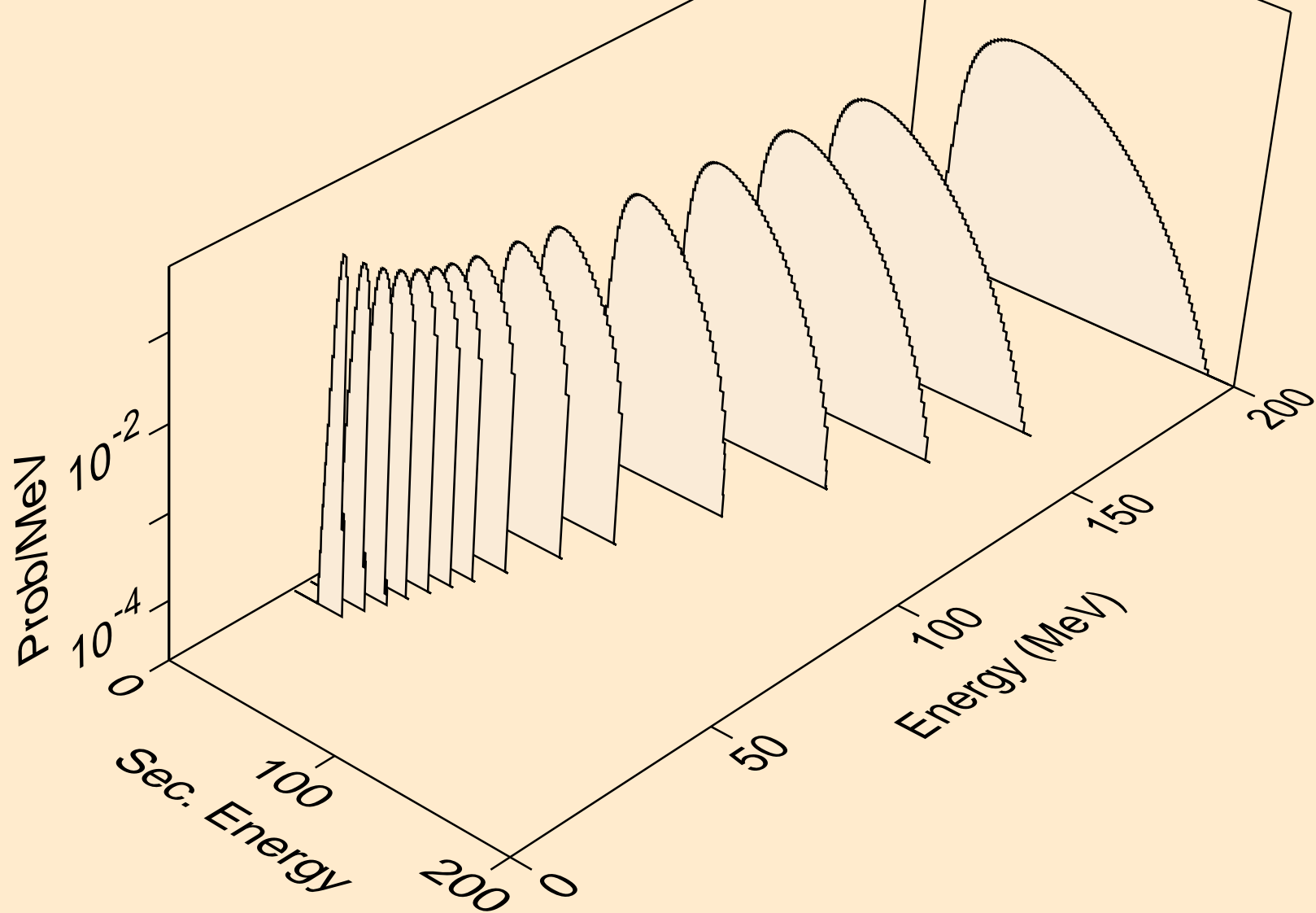
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



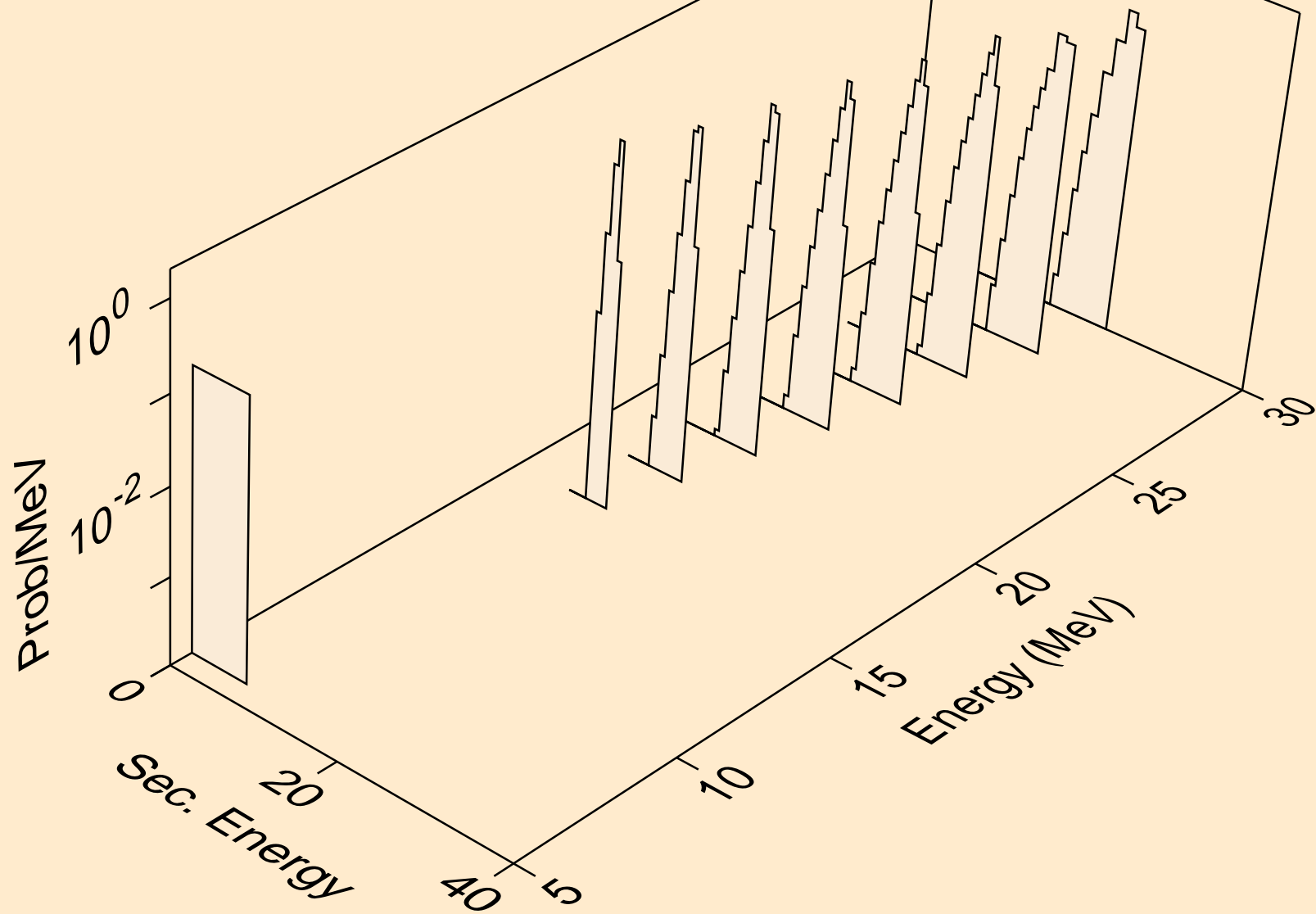
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tritons from (n,t)



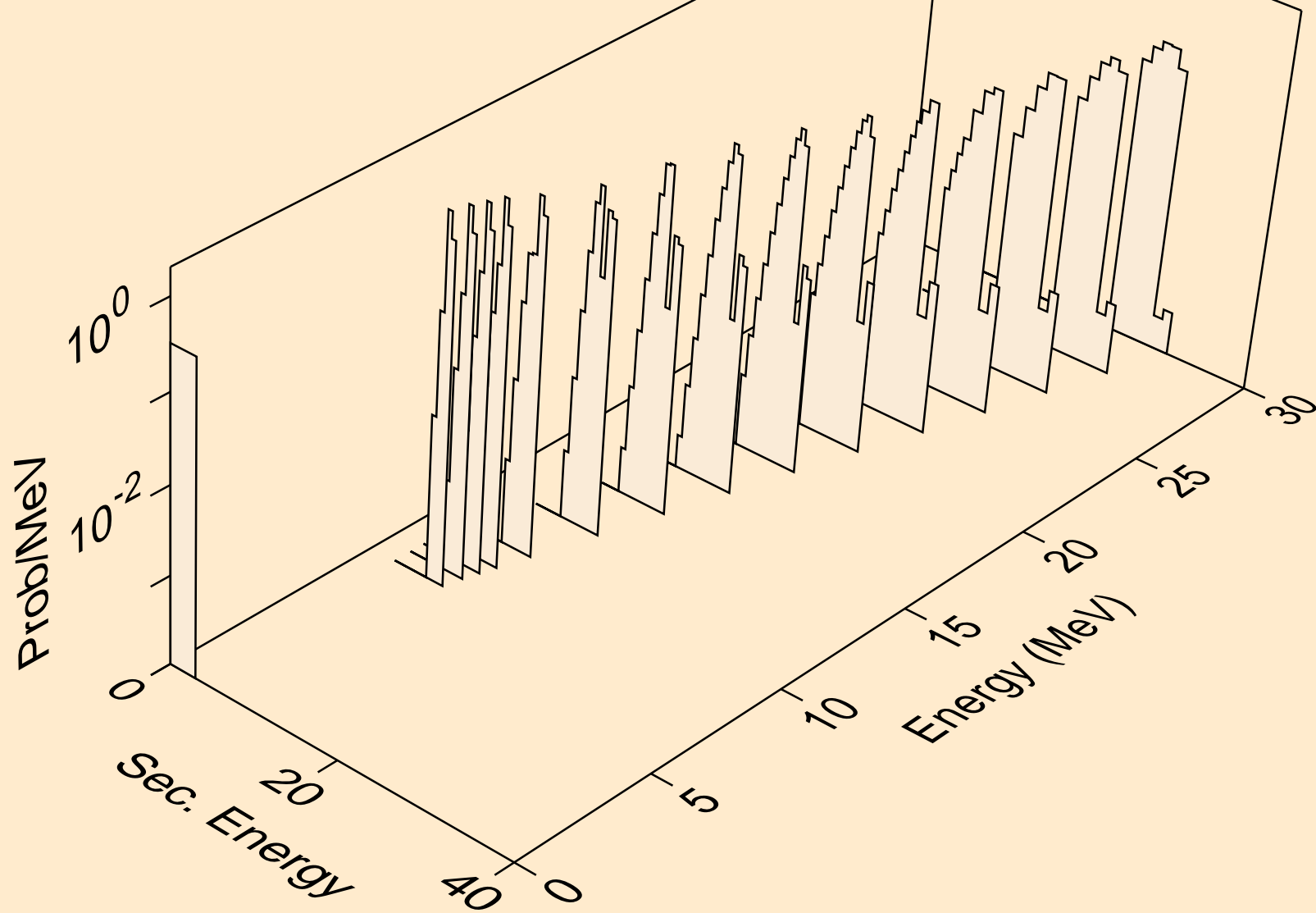
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



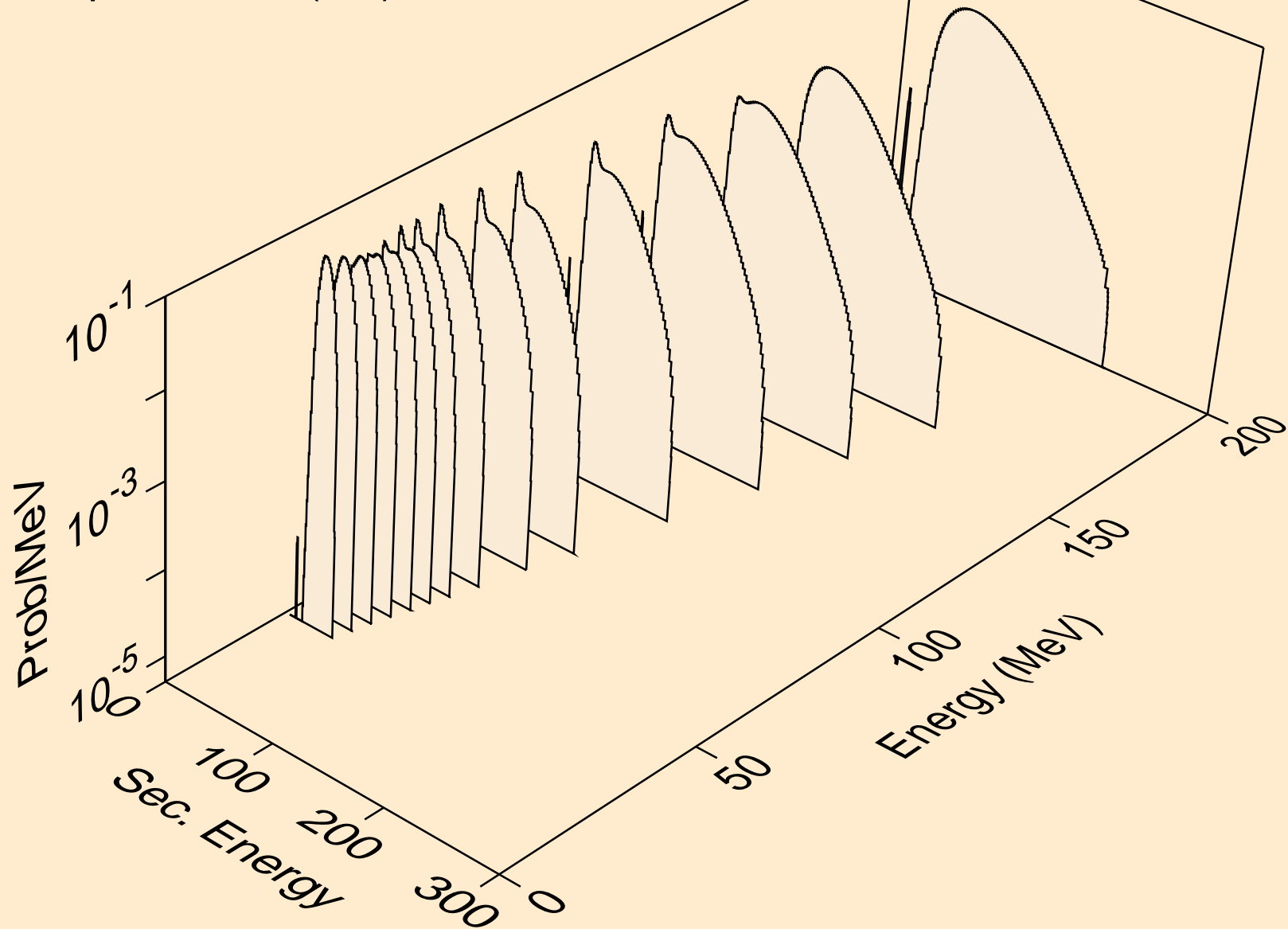
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he3s from (n,n\*)he3



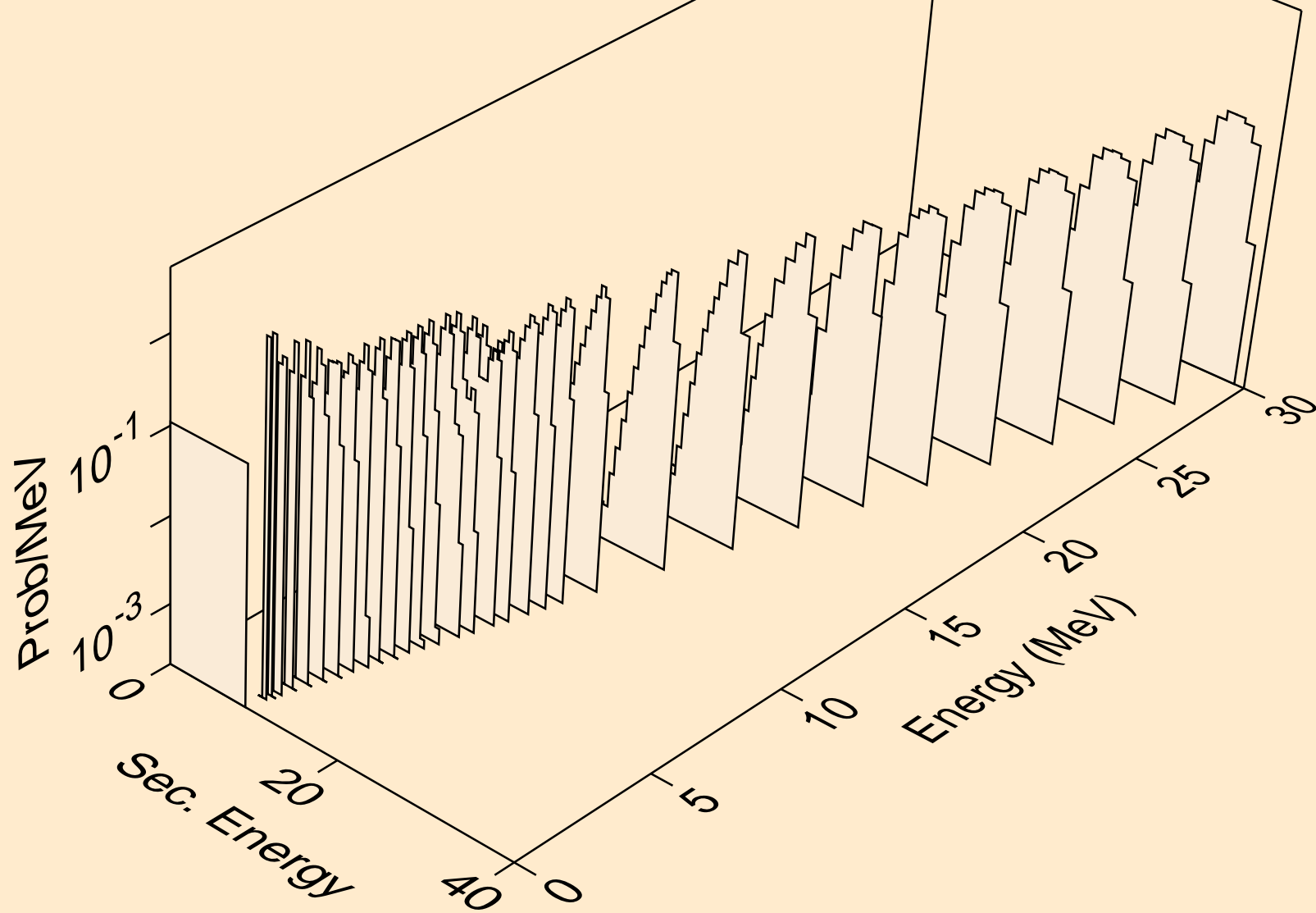
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,he3)



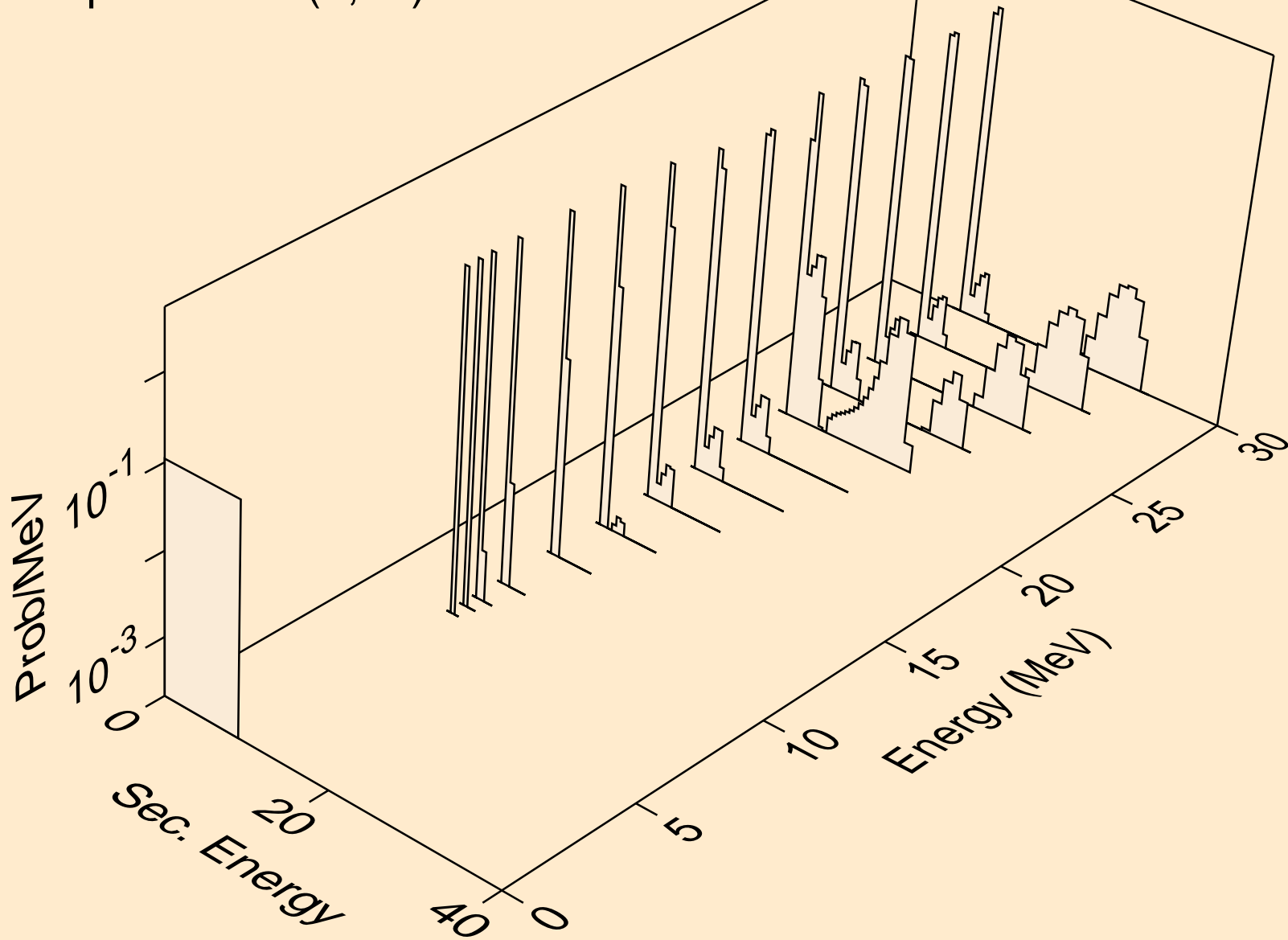
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



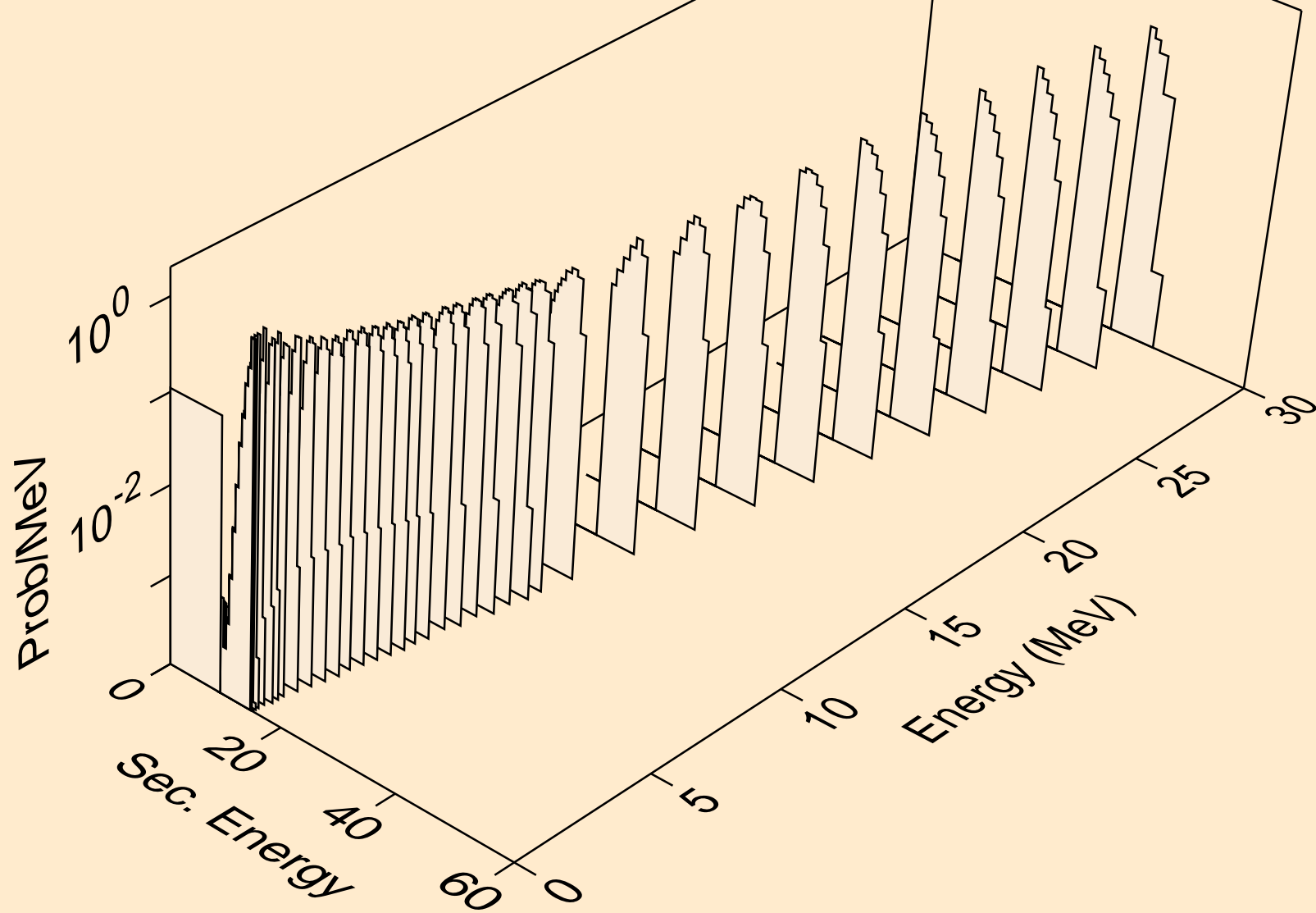
HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)



HS270 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2a)

