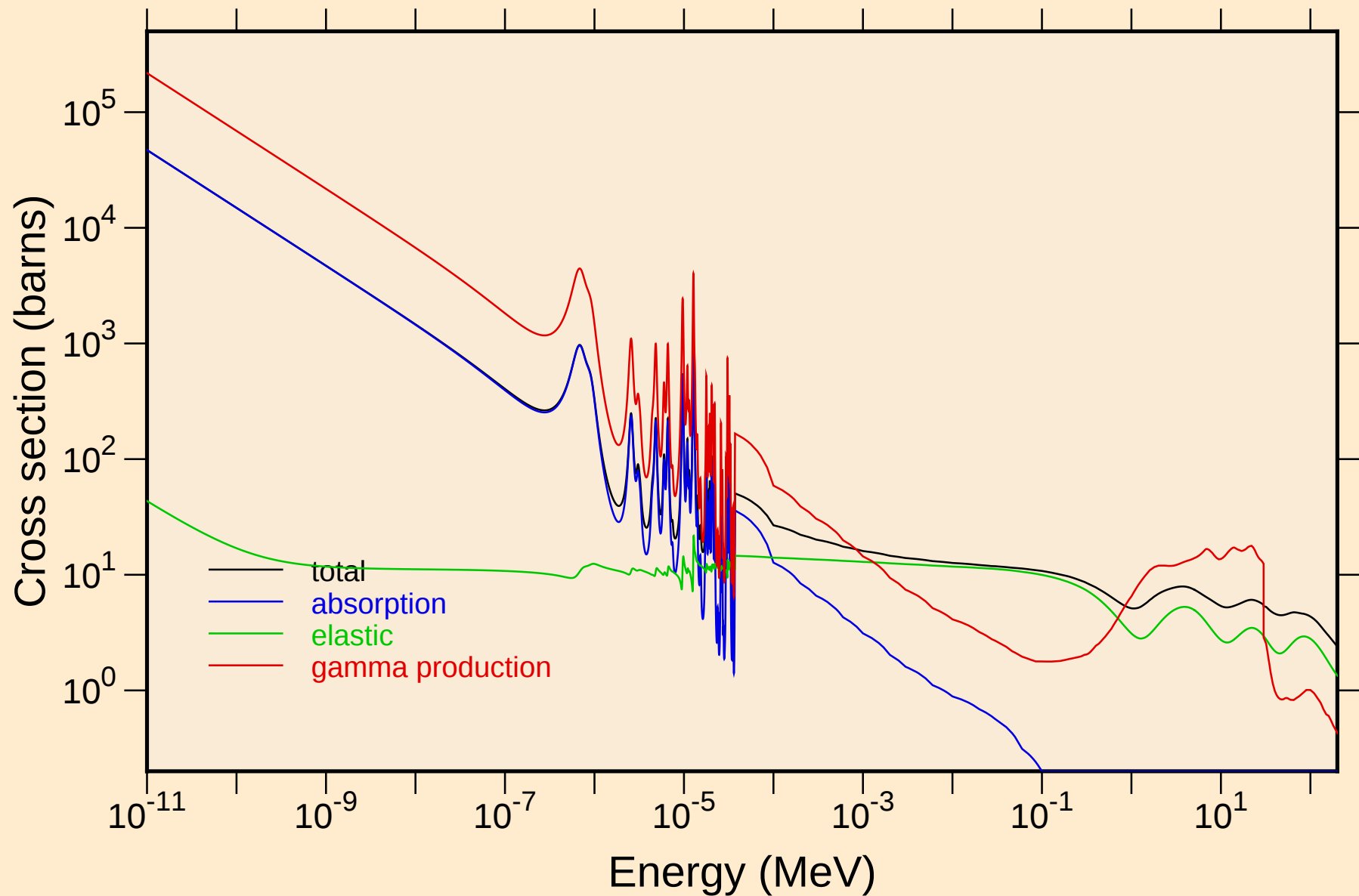
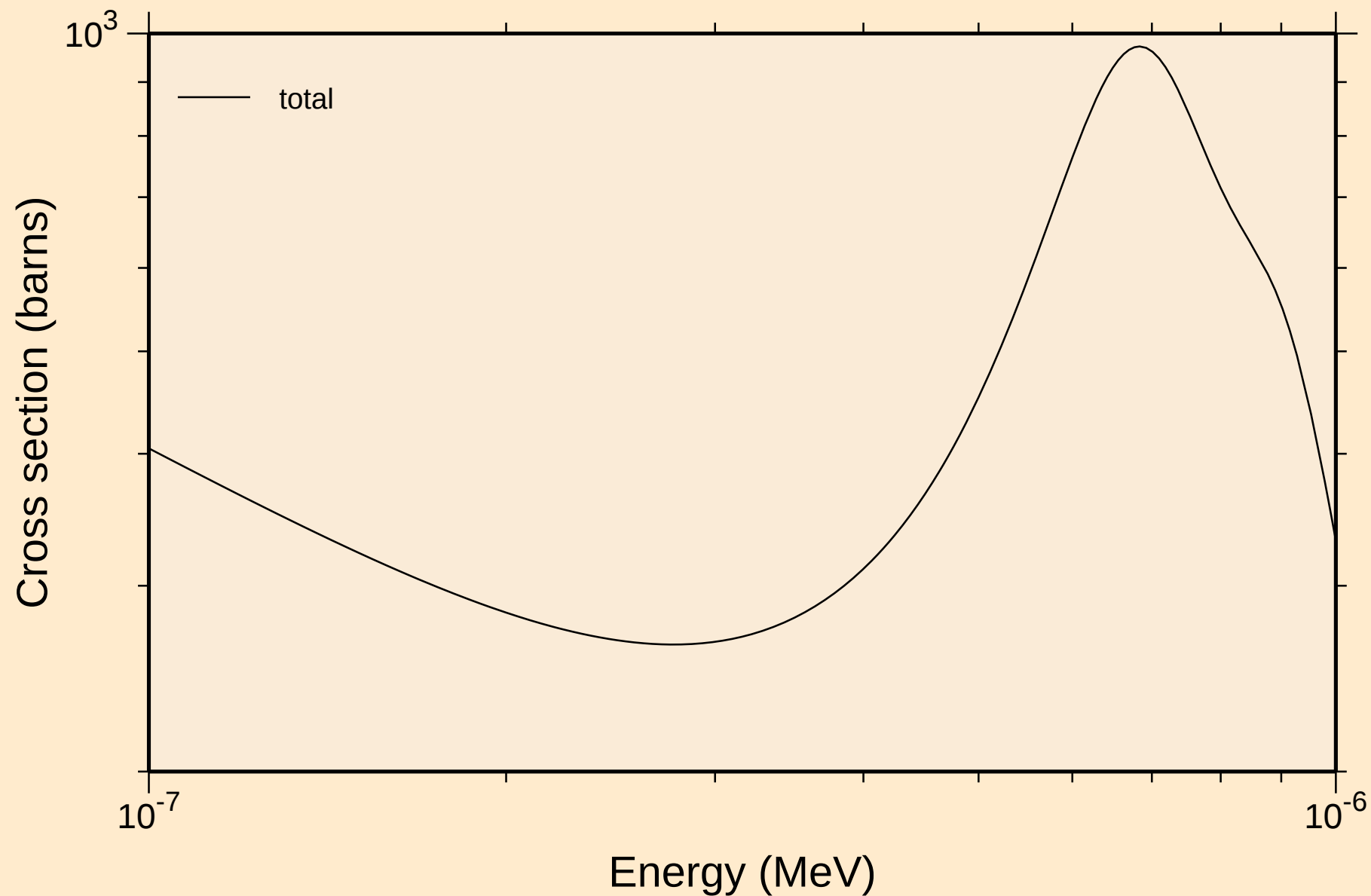


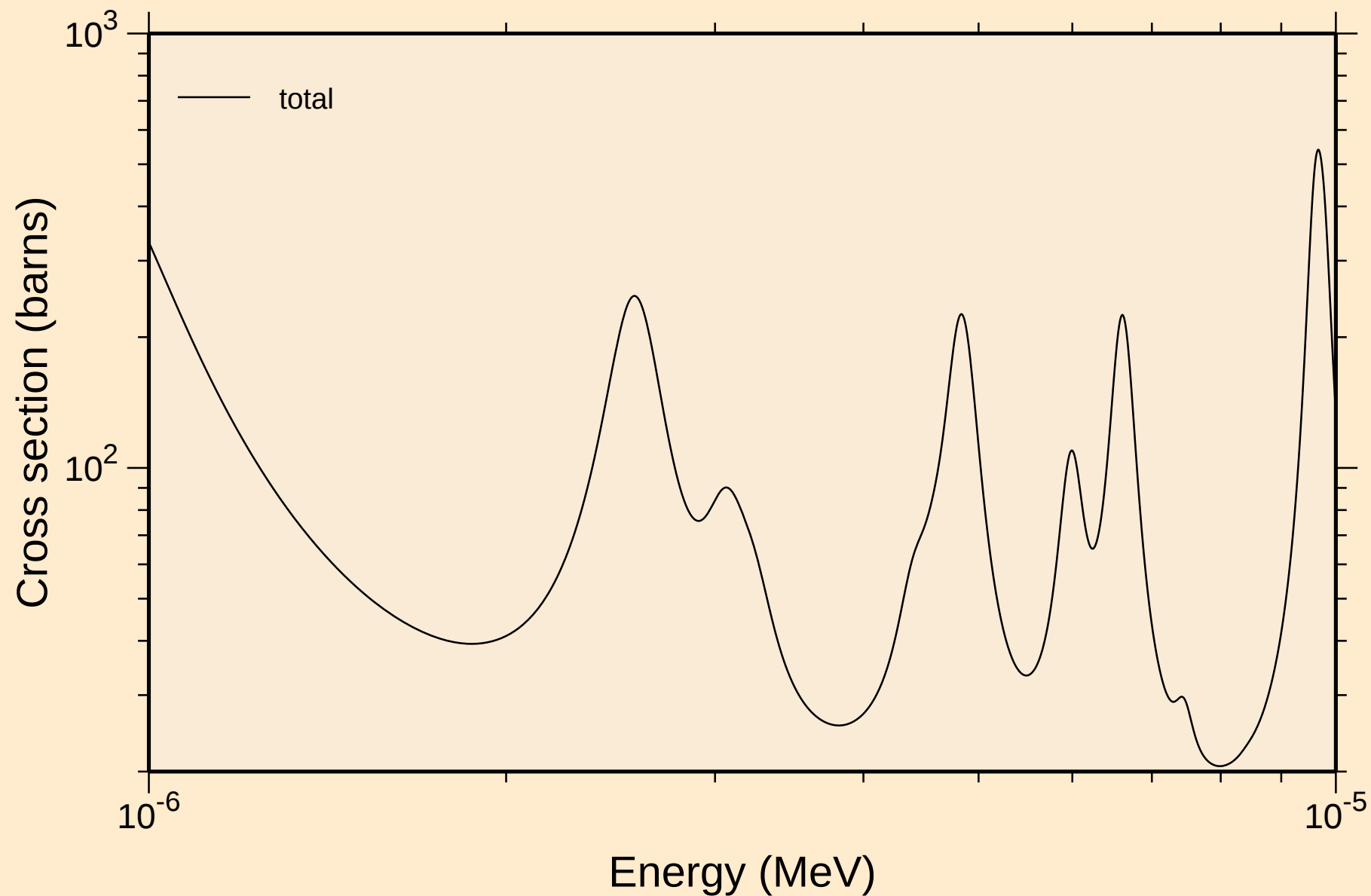
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Principal cross sections



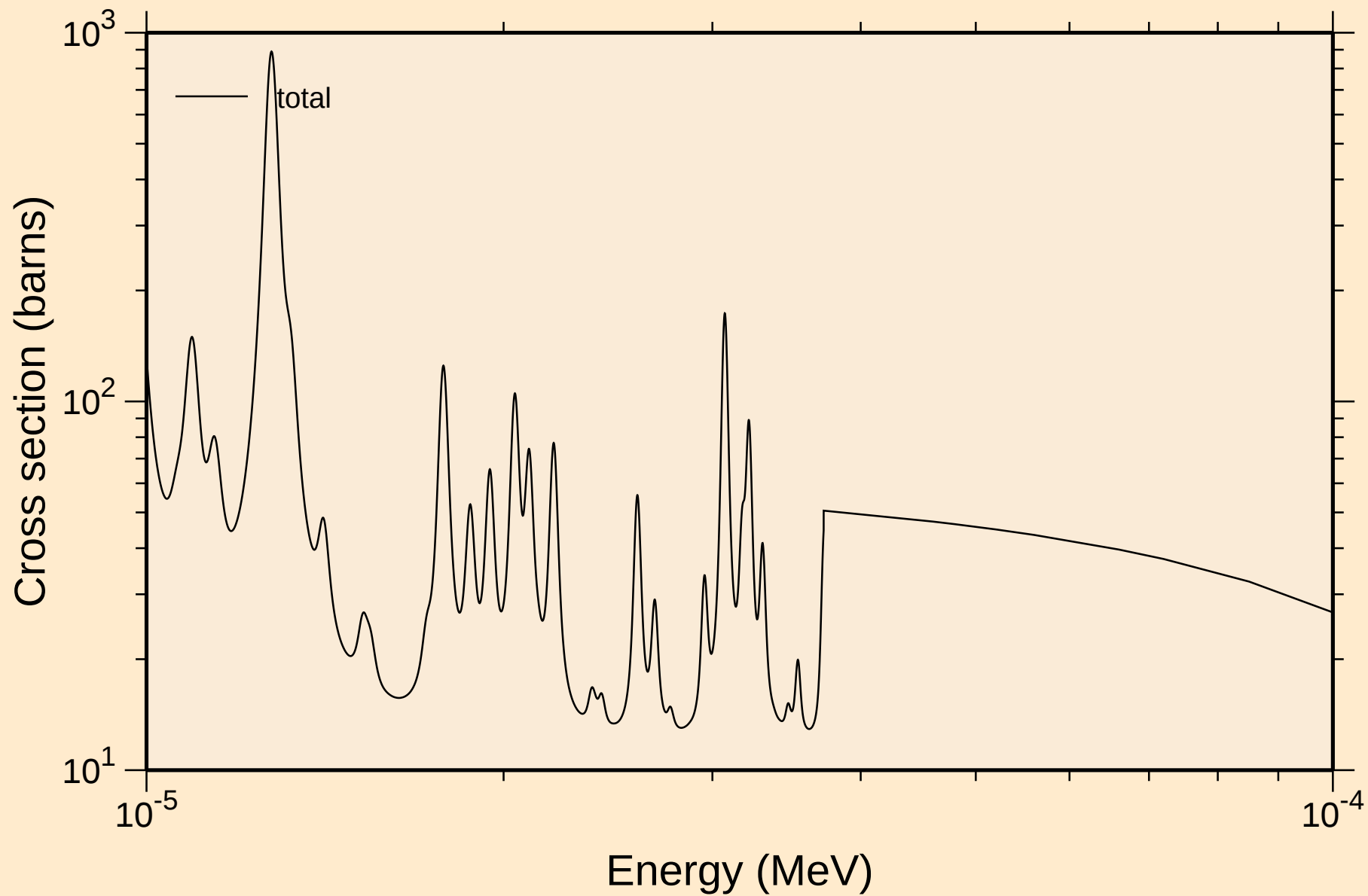
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



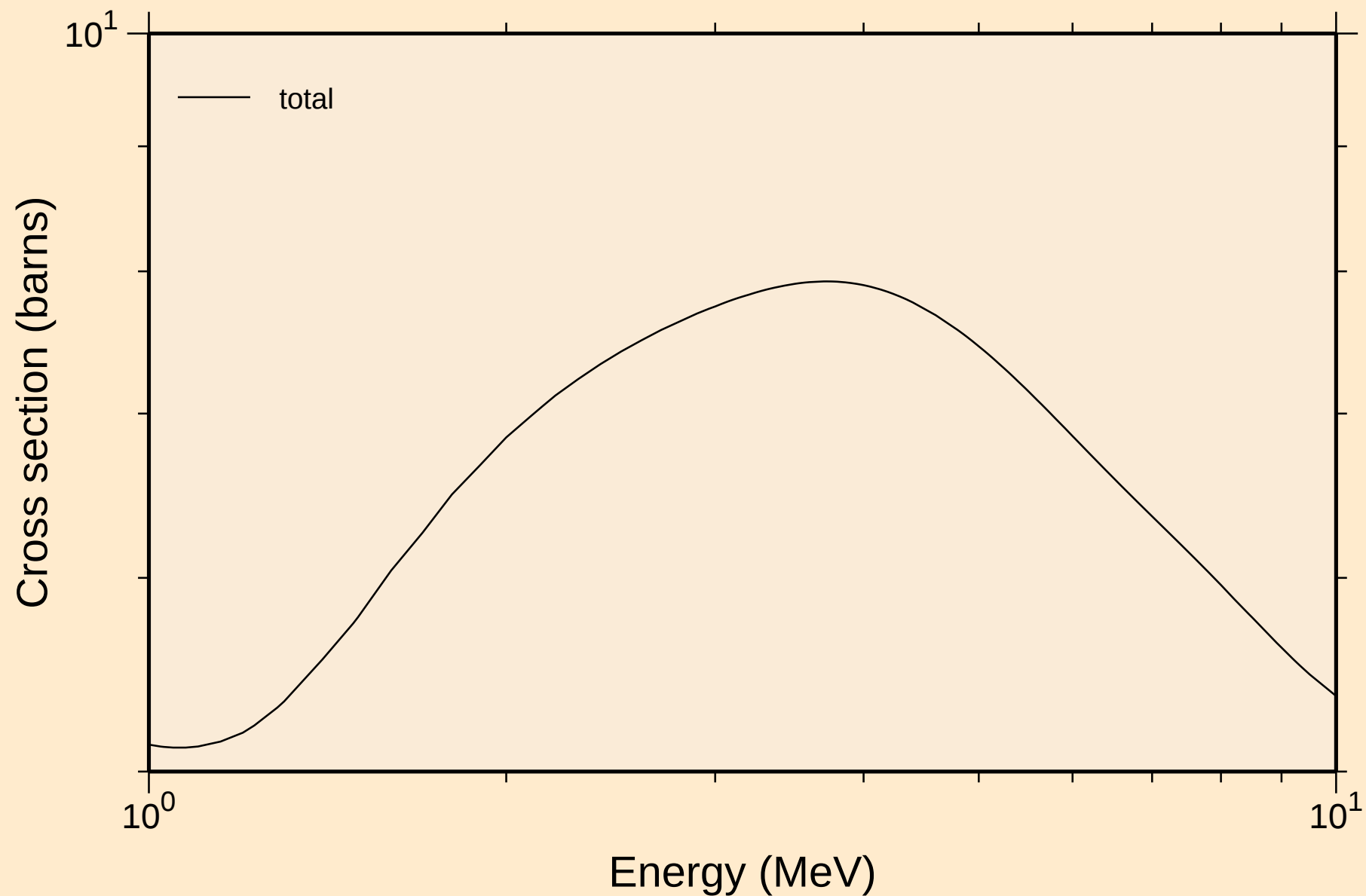
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



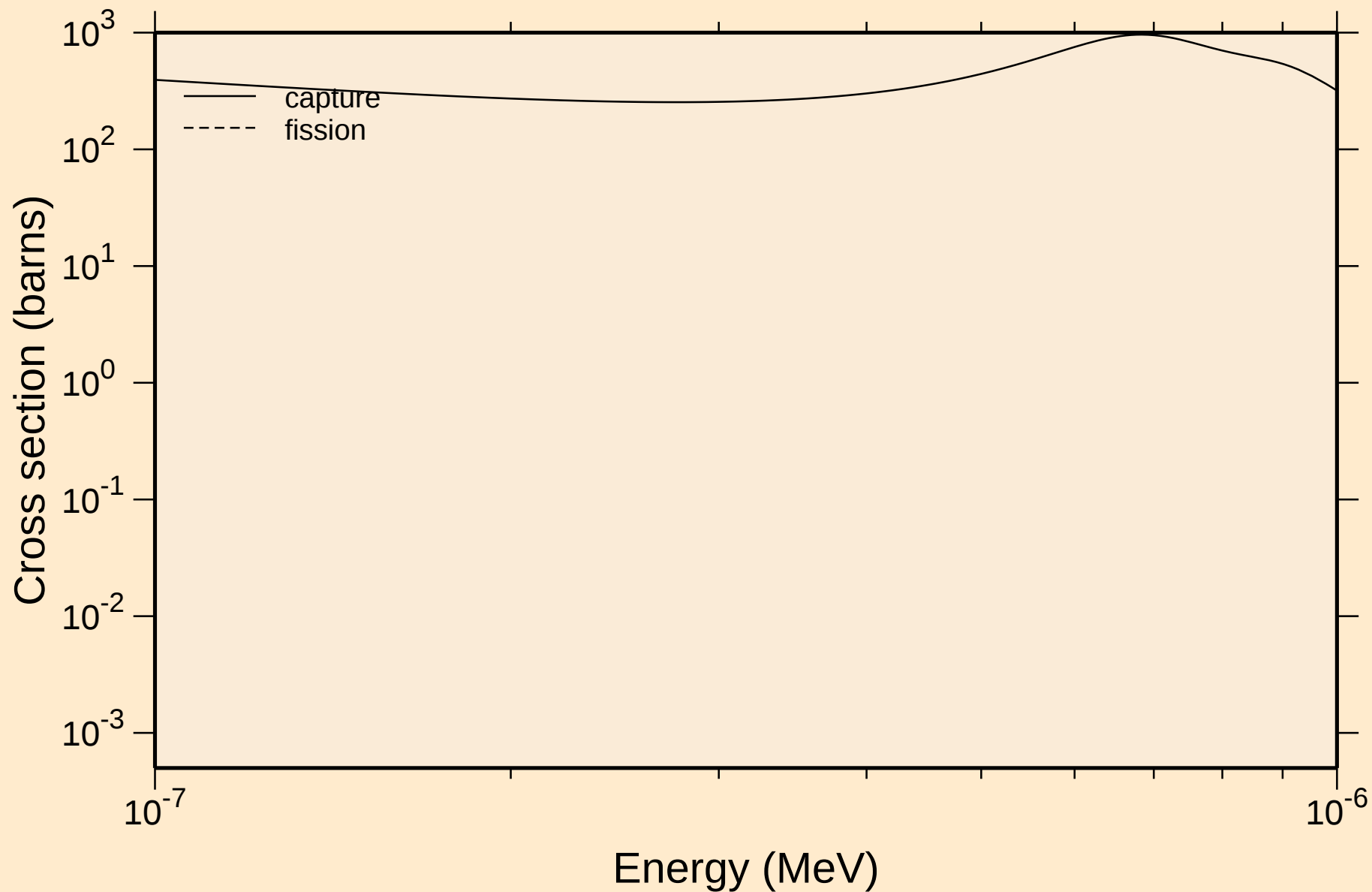
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



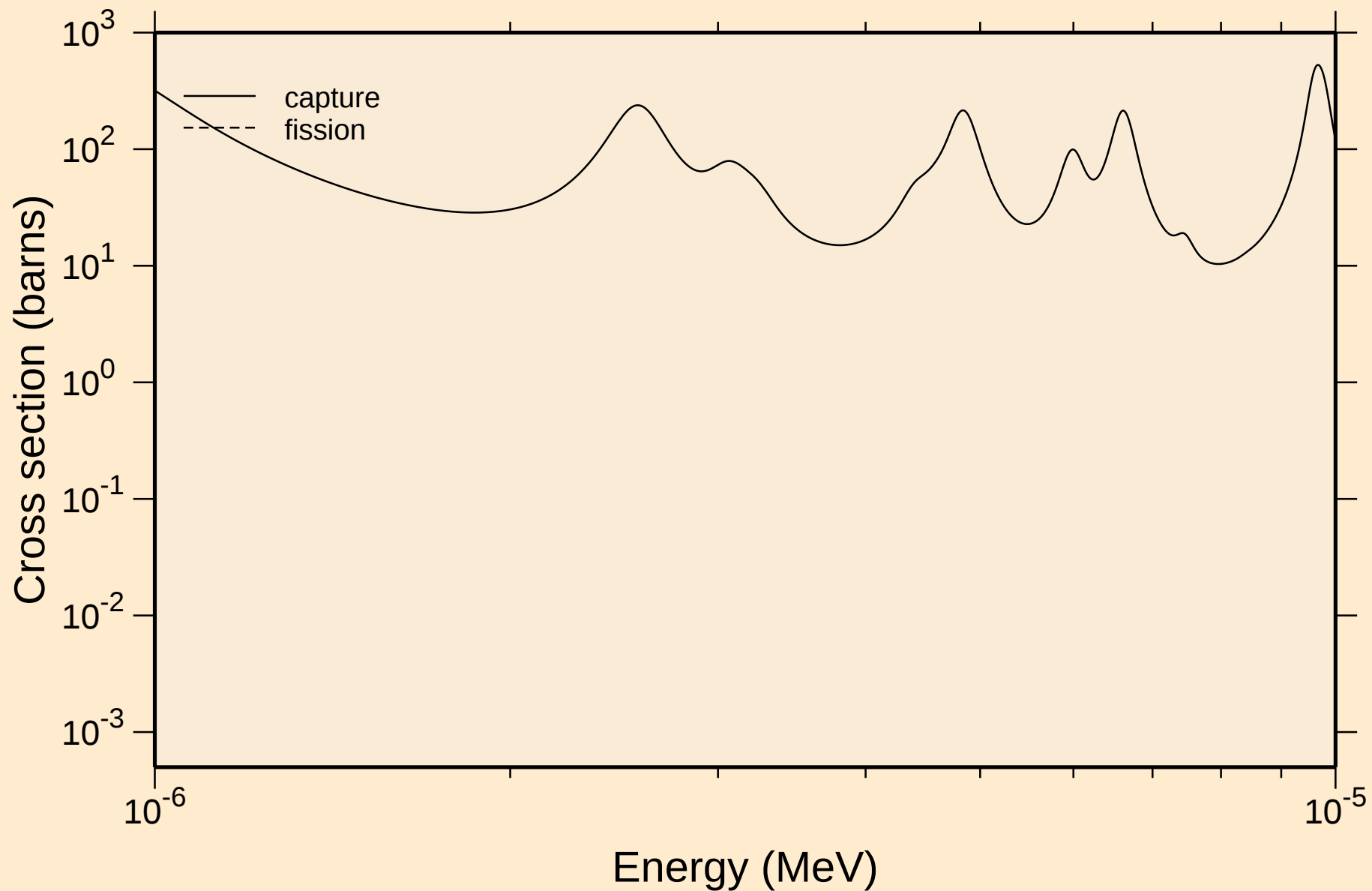
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



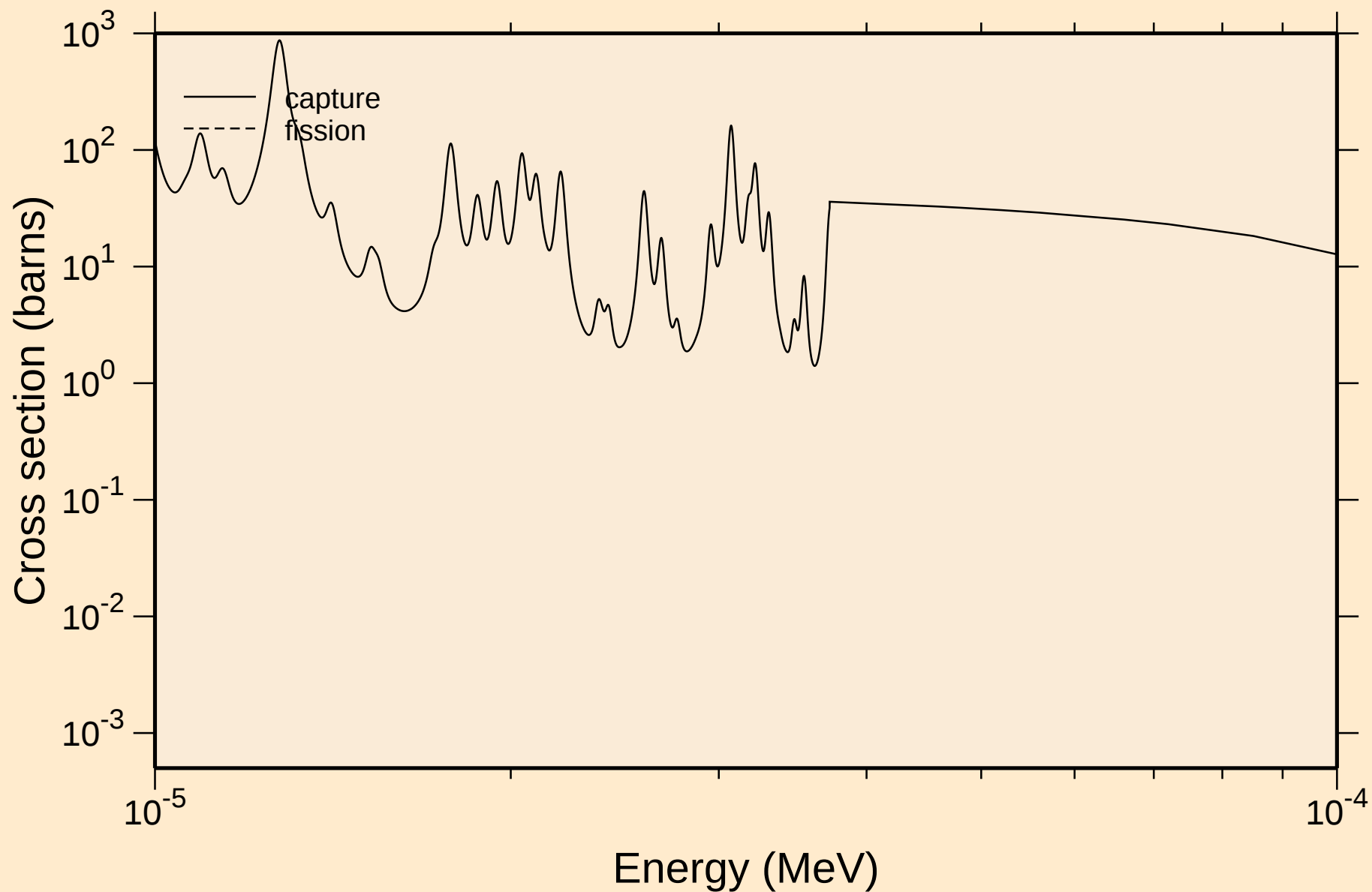
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



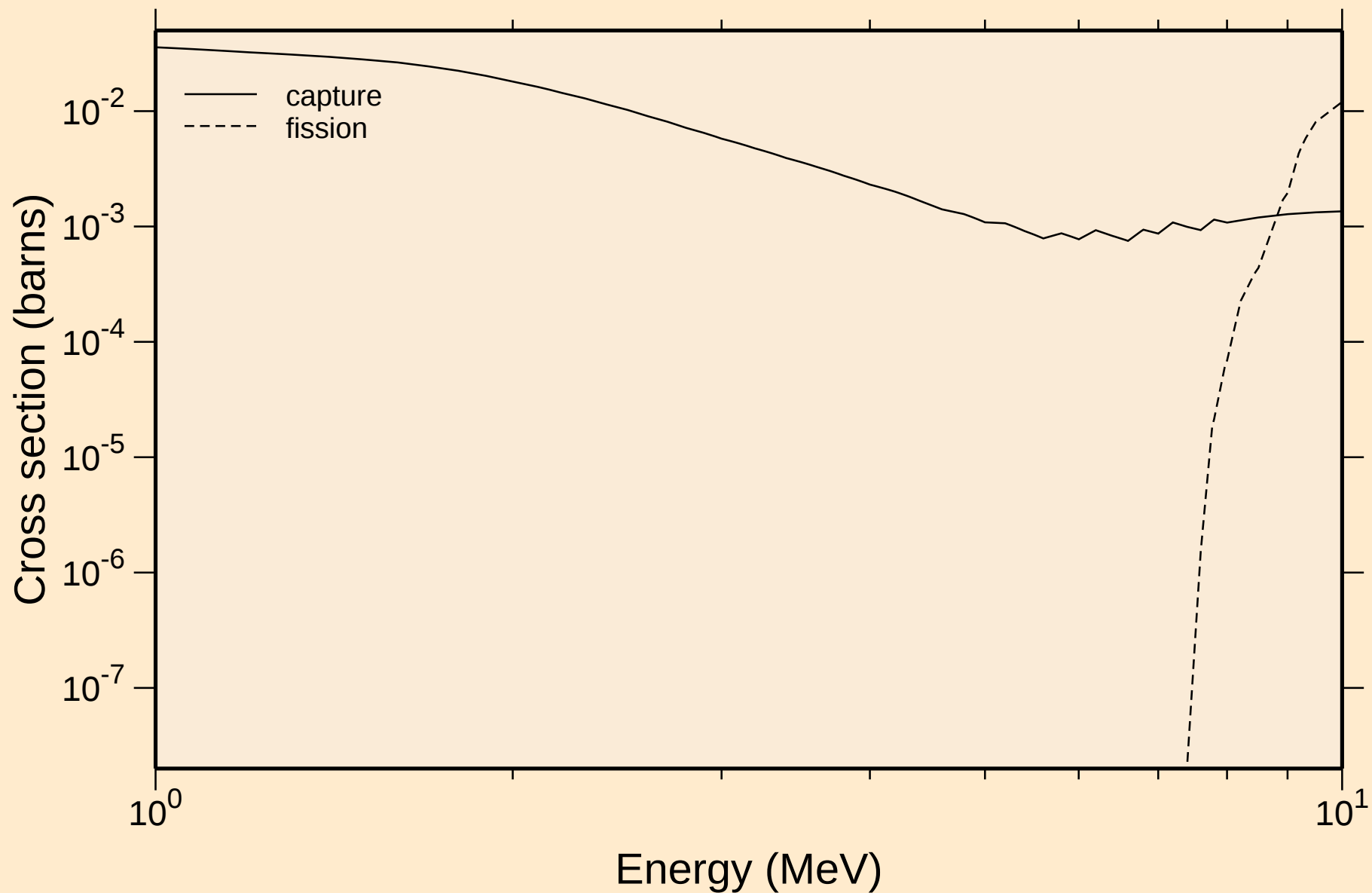
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections

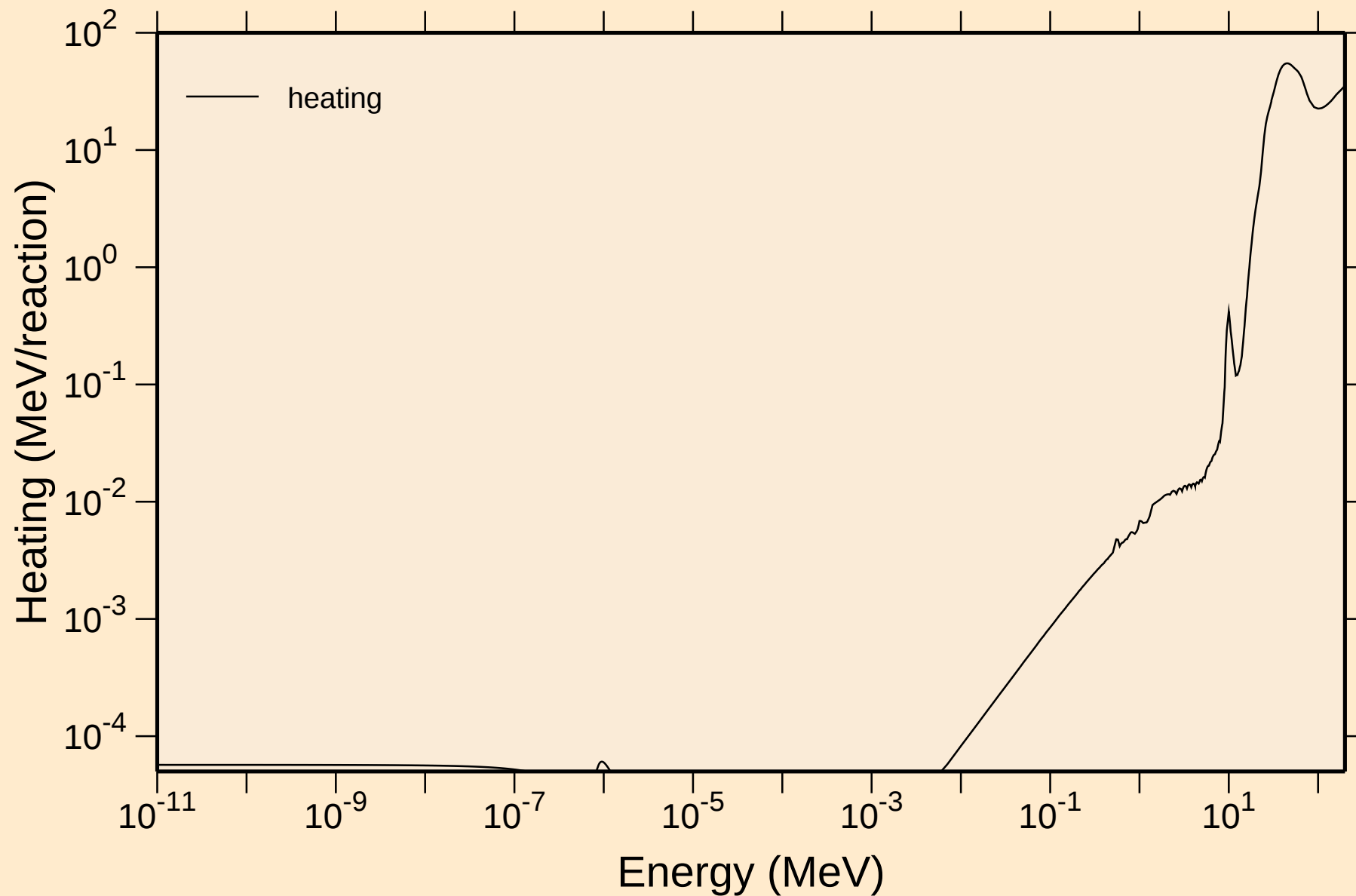


AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections

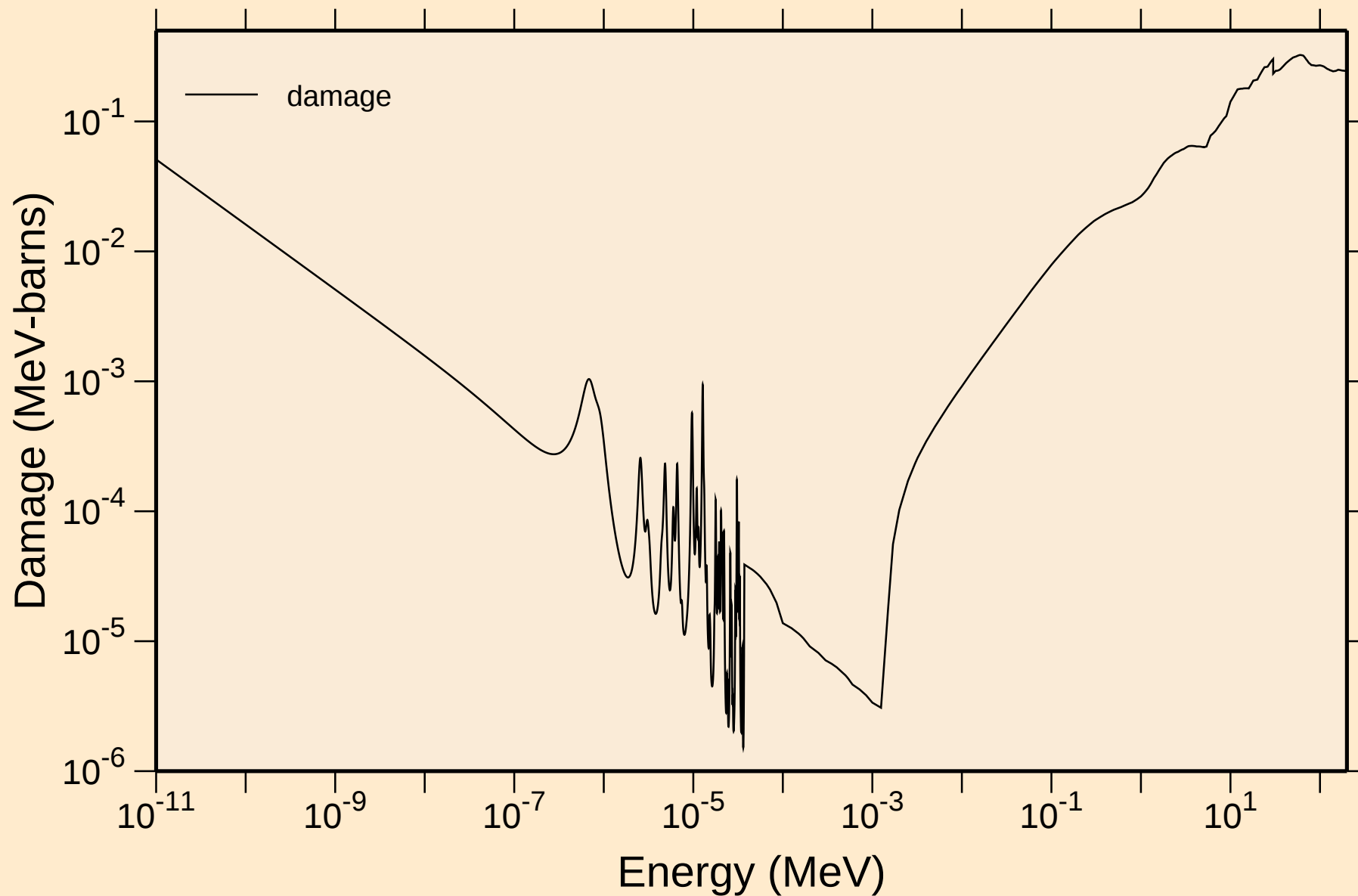


# AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

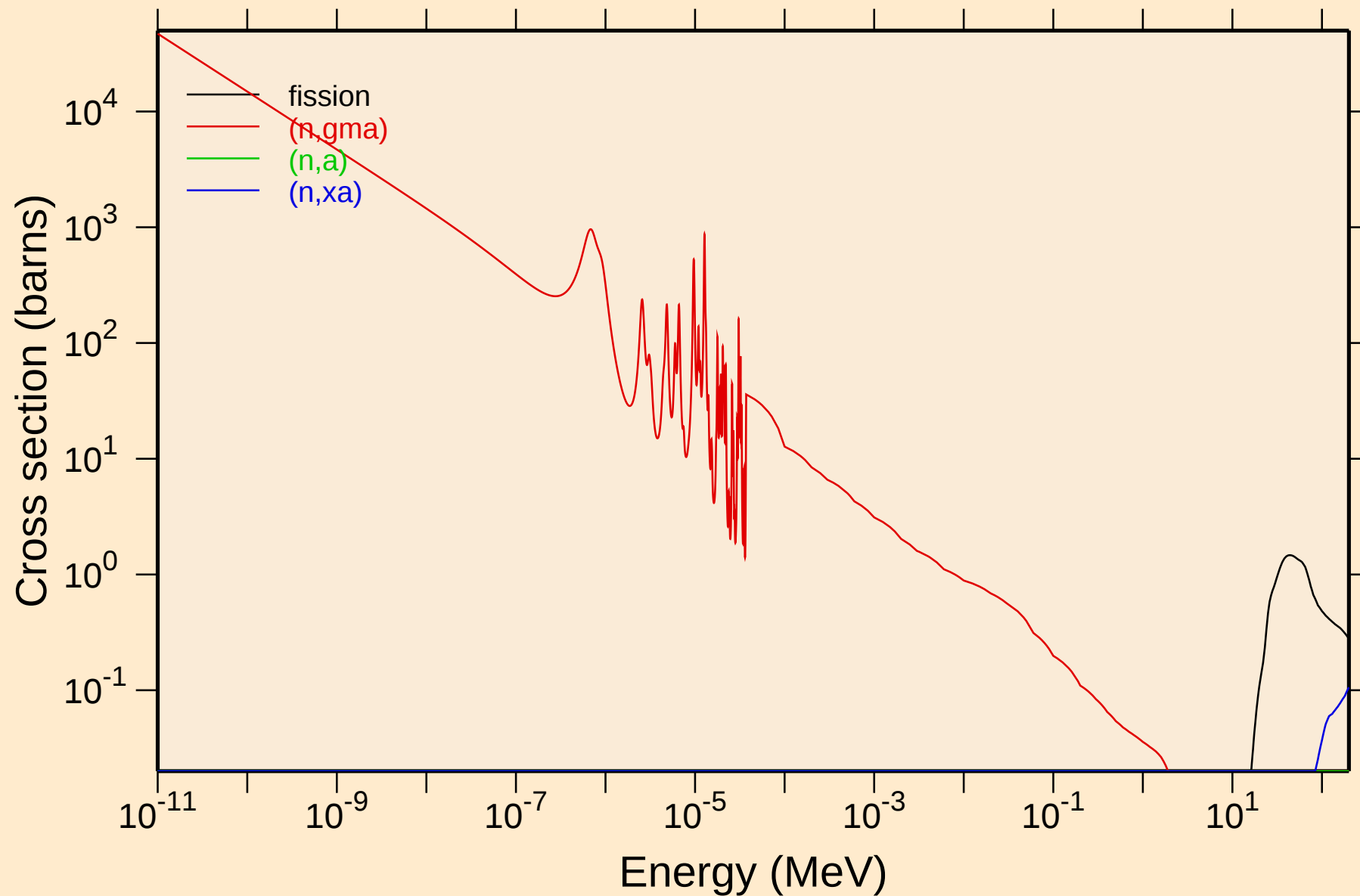
## Heating



AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage

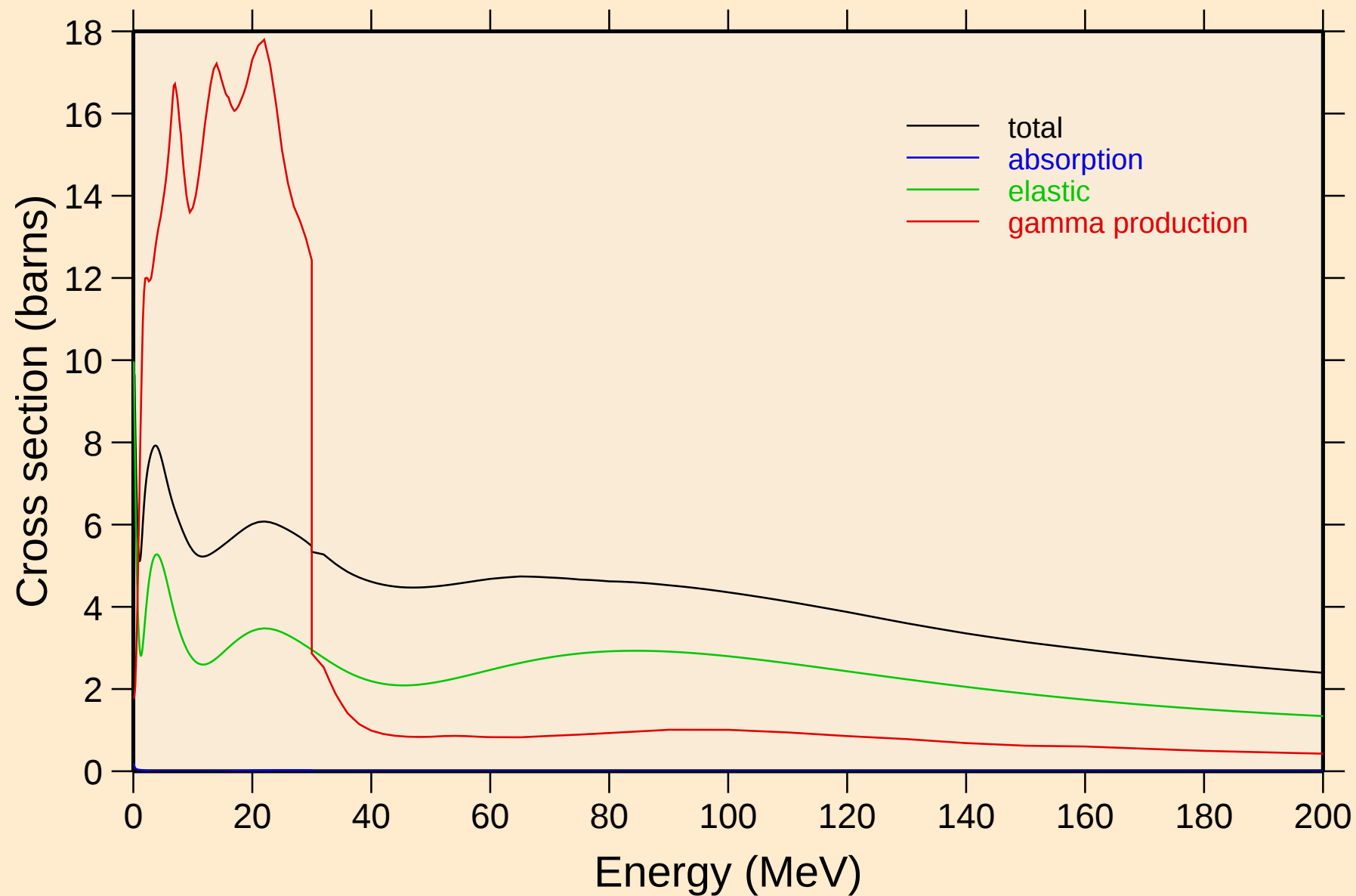


AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



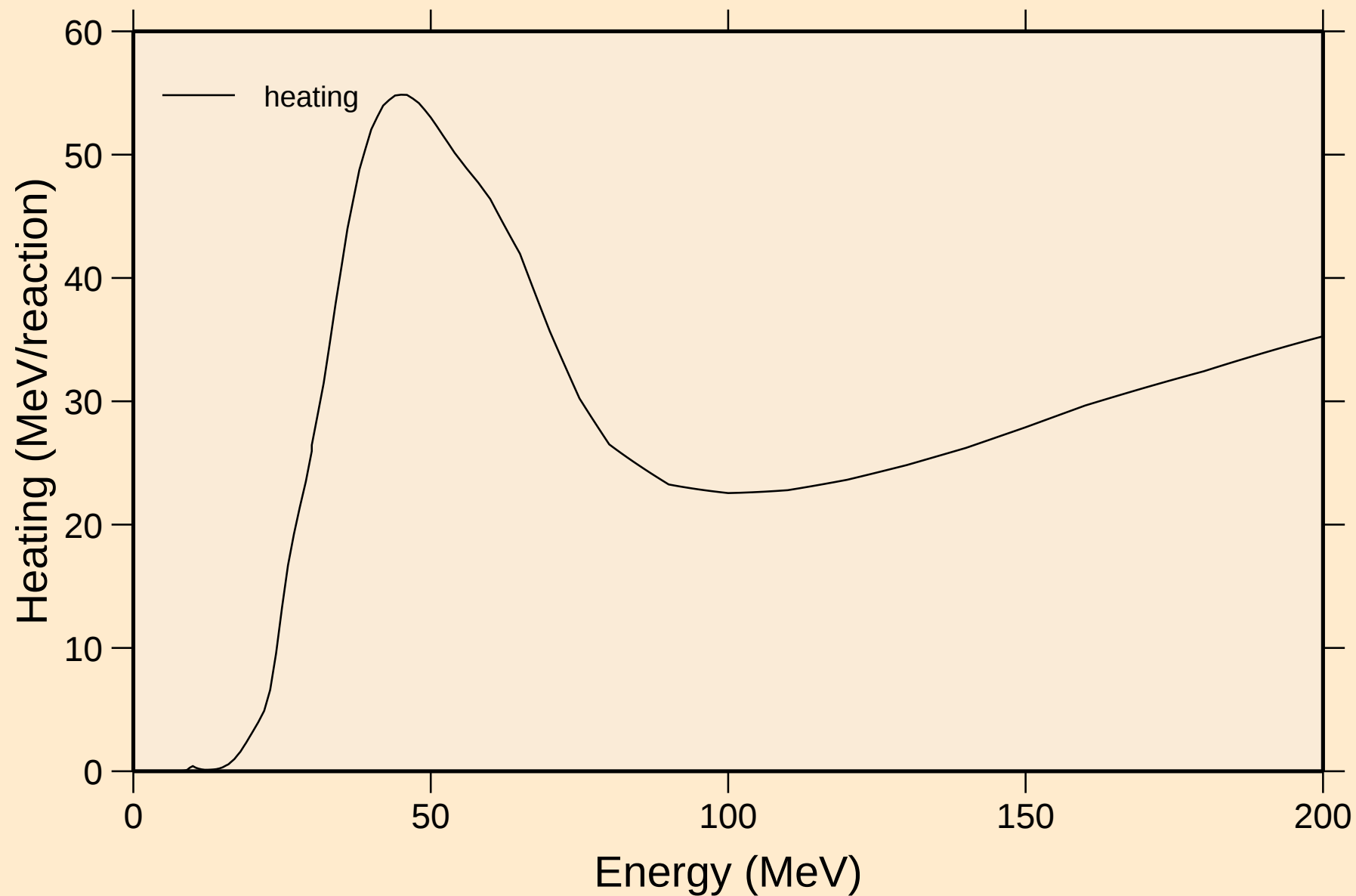
# AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Principal cross sections

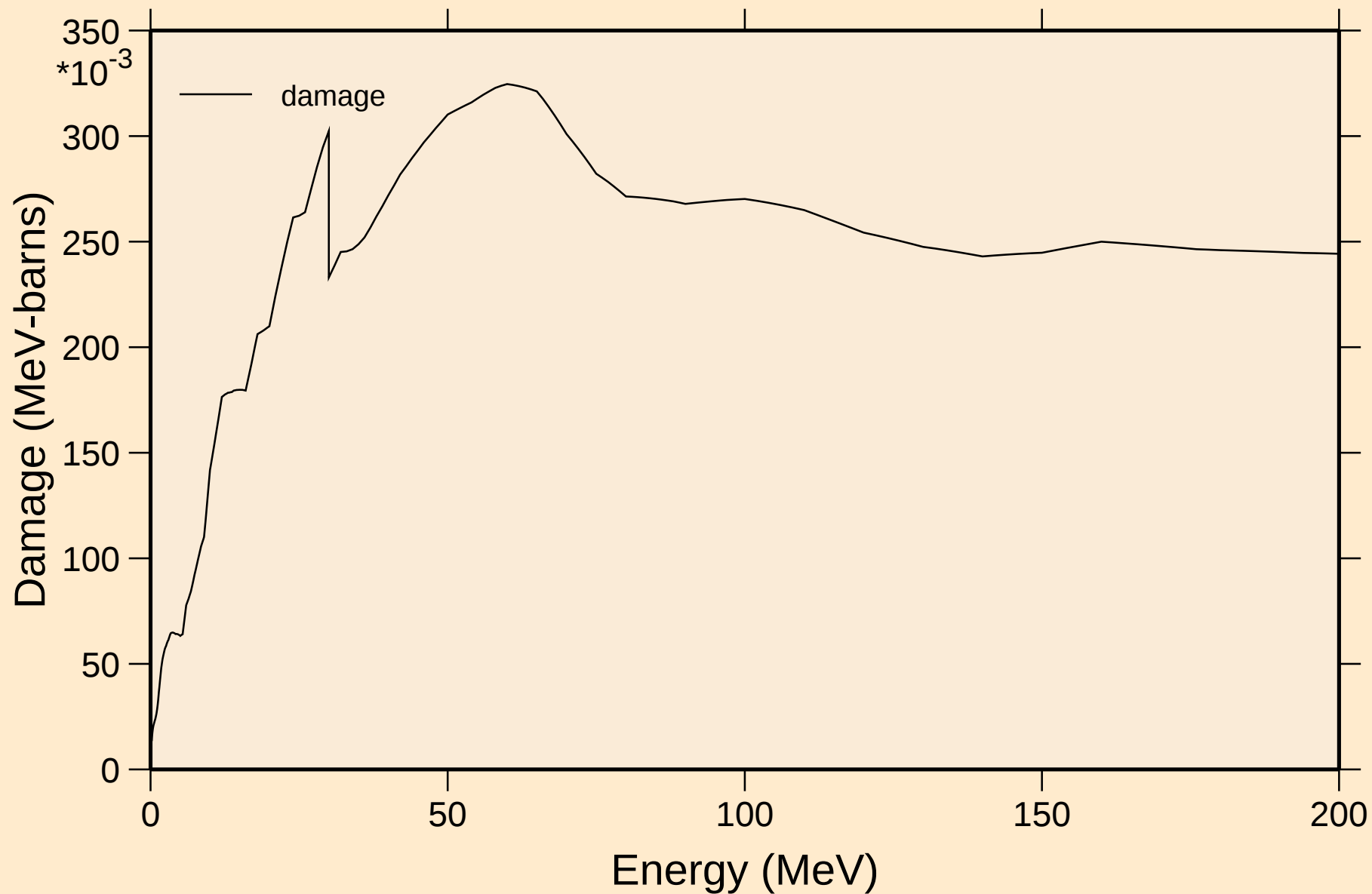


# AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

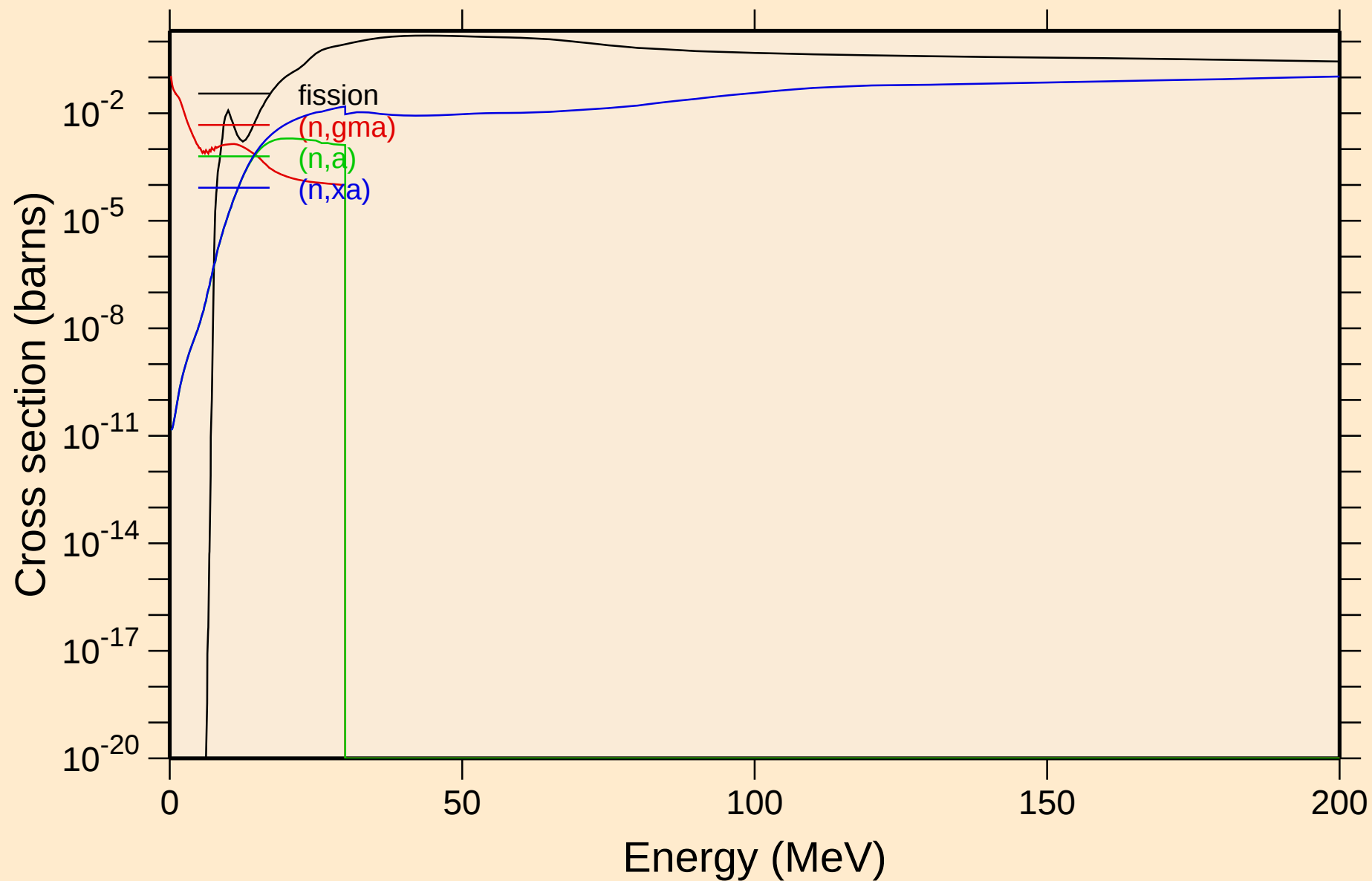
Heating



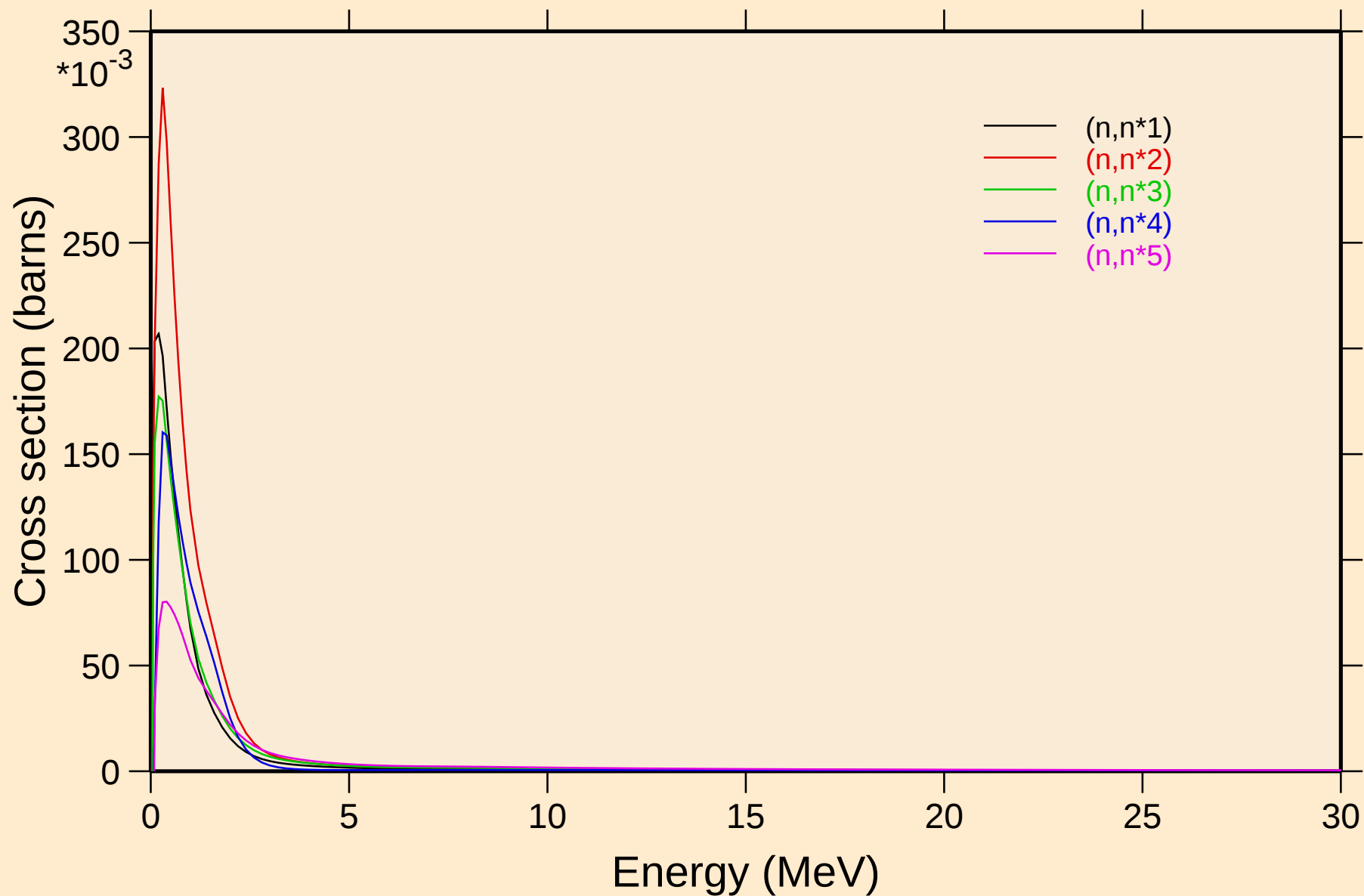
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage



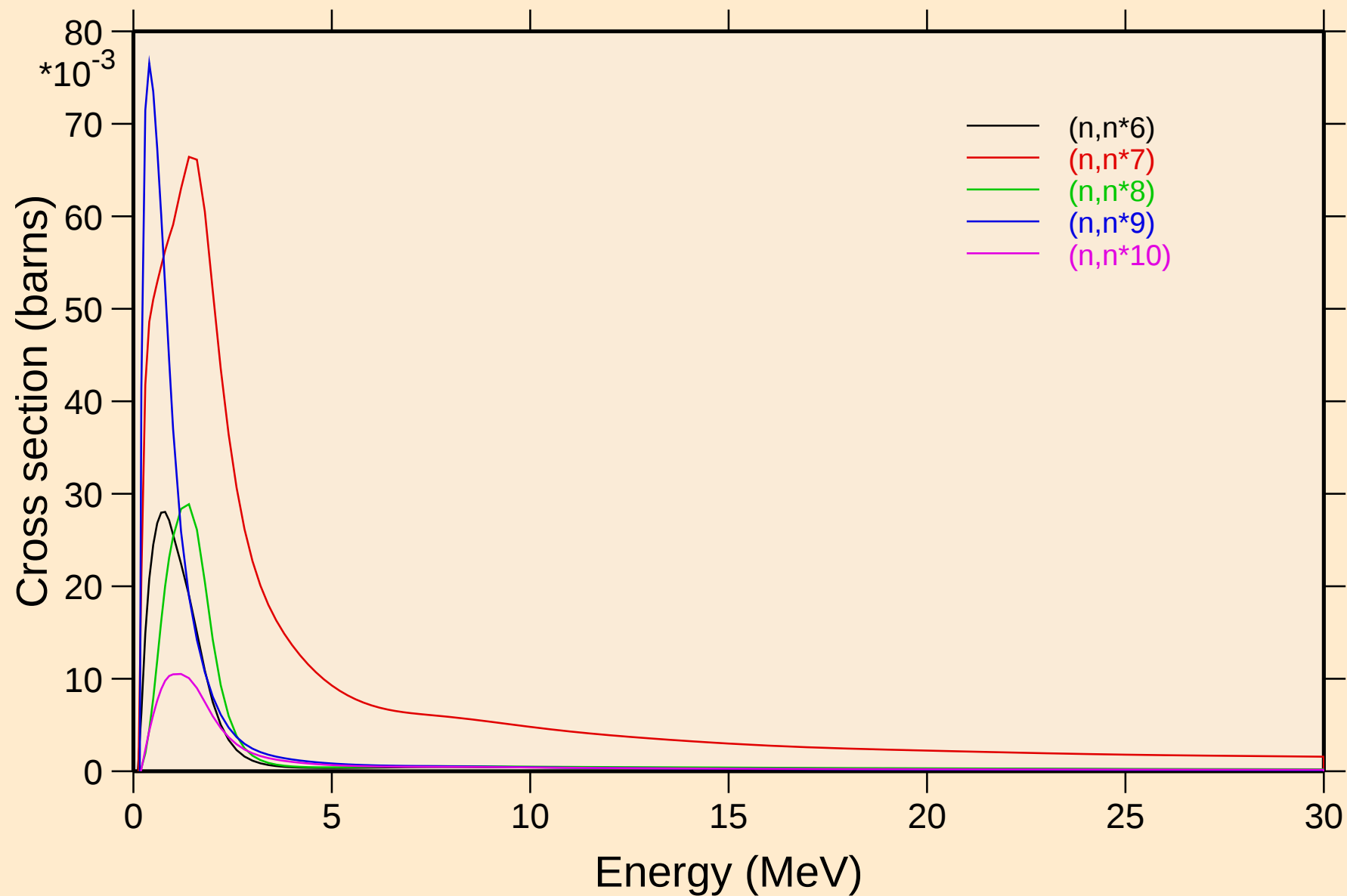
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

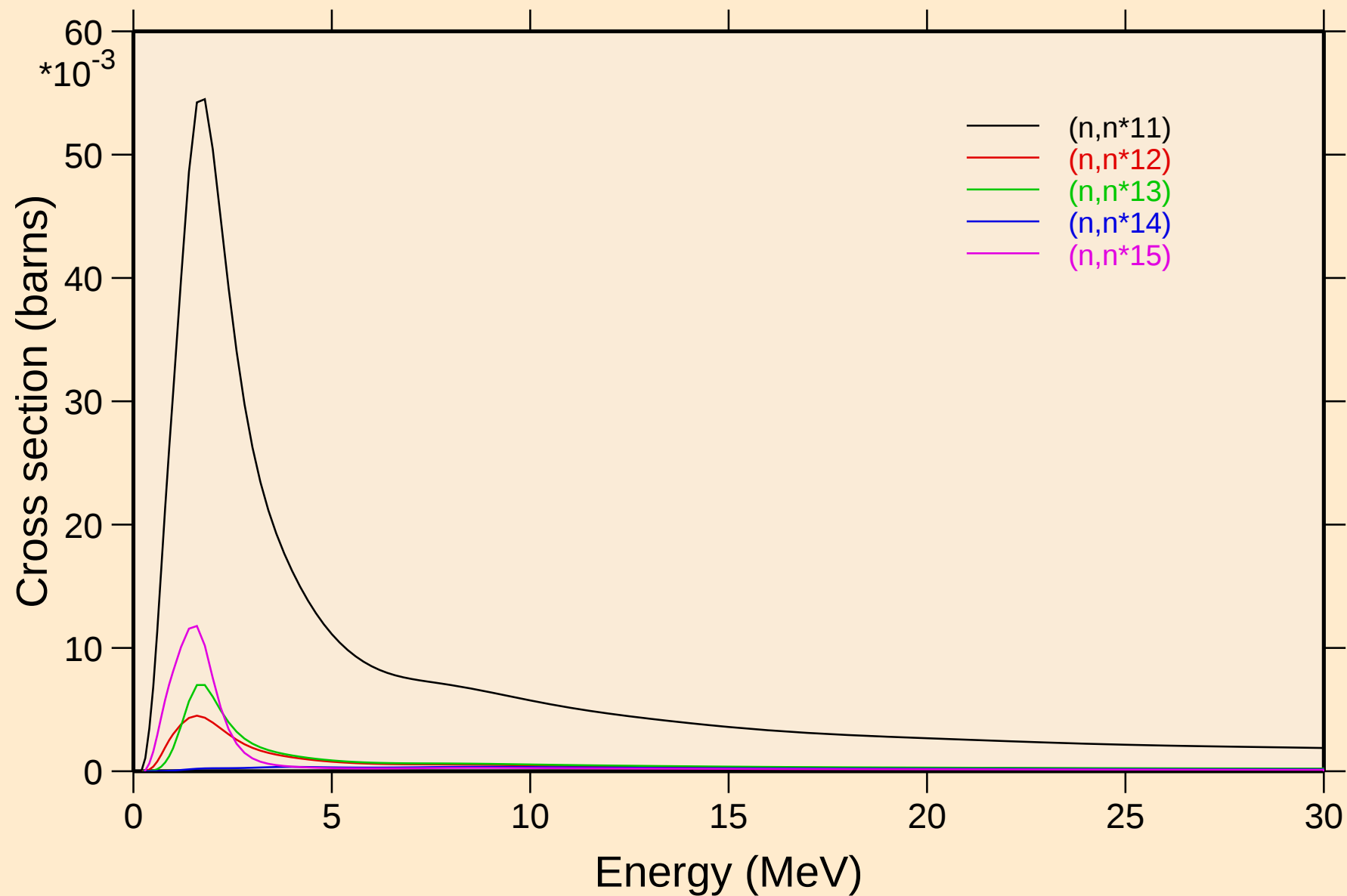


AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

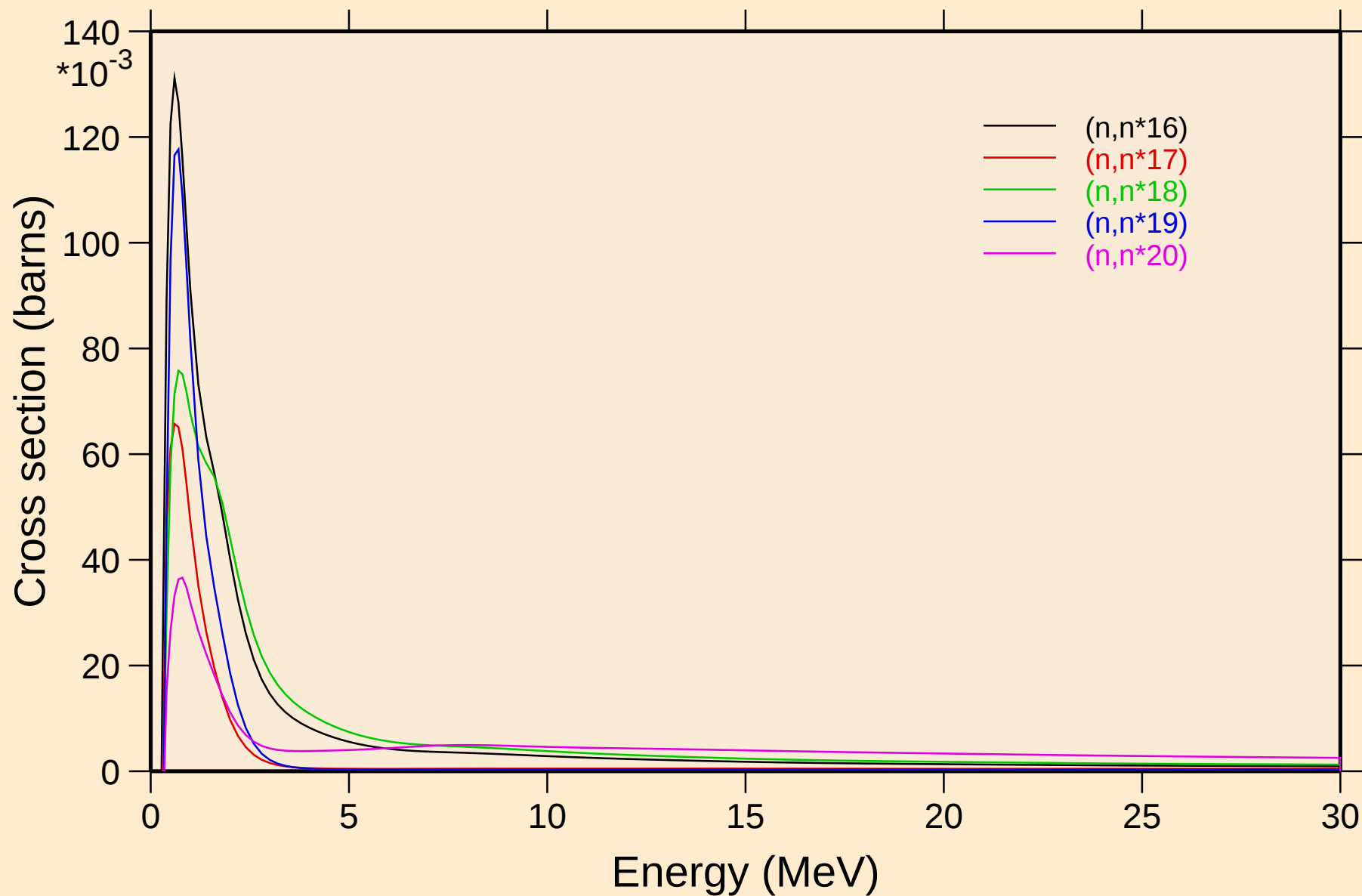


# AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

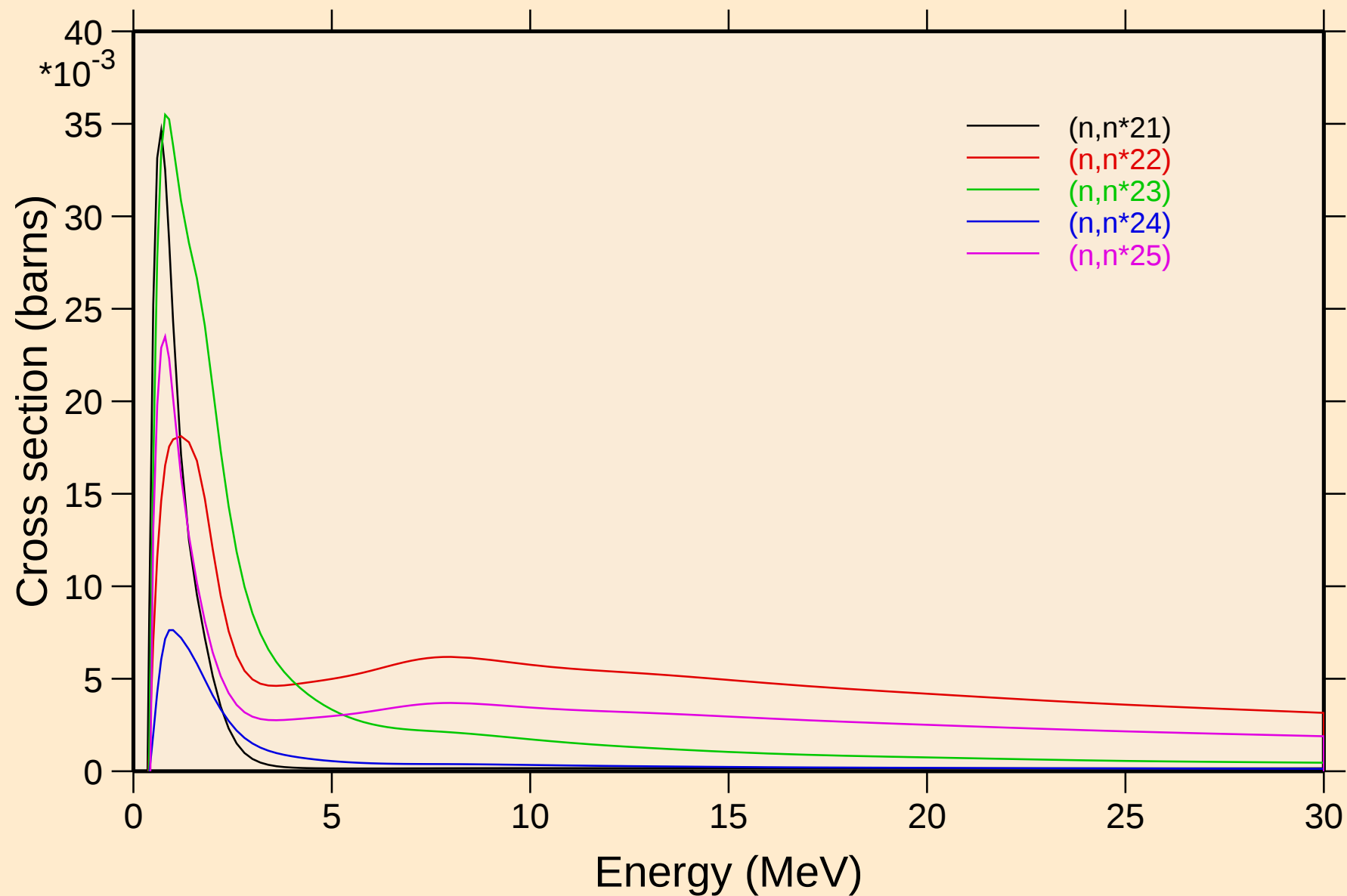
## Inelastic levels



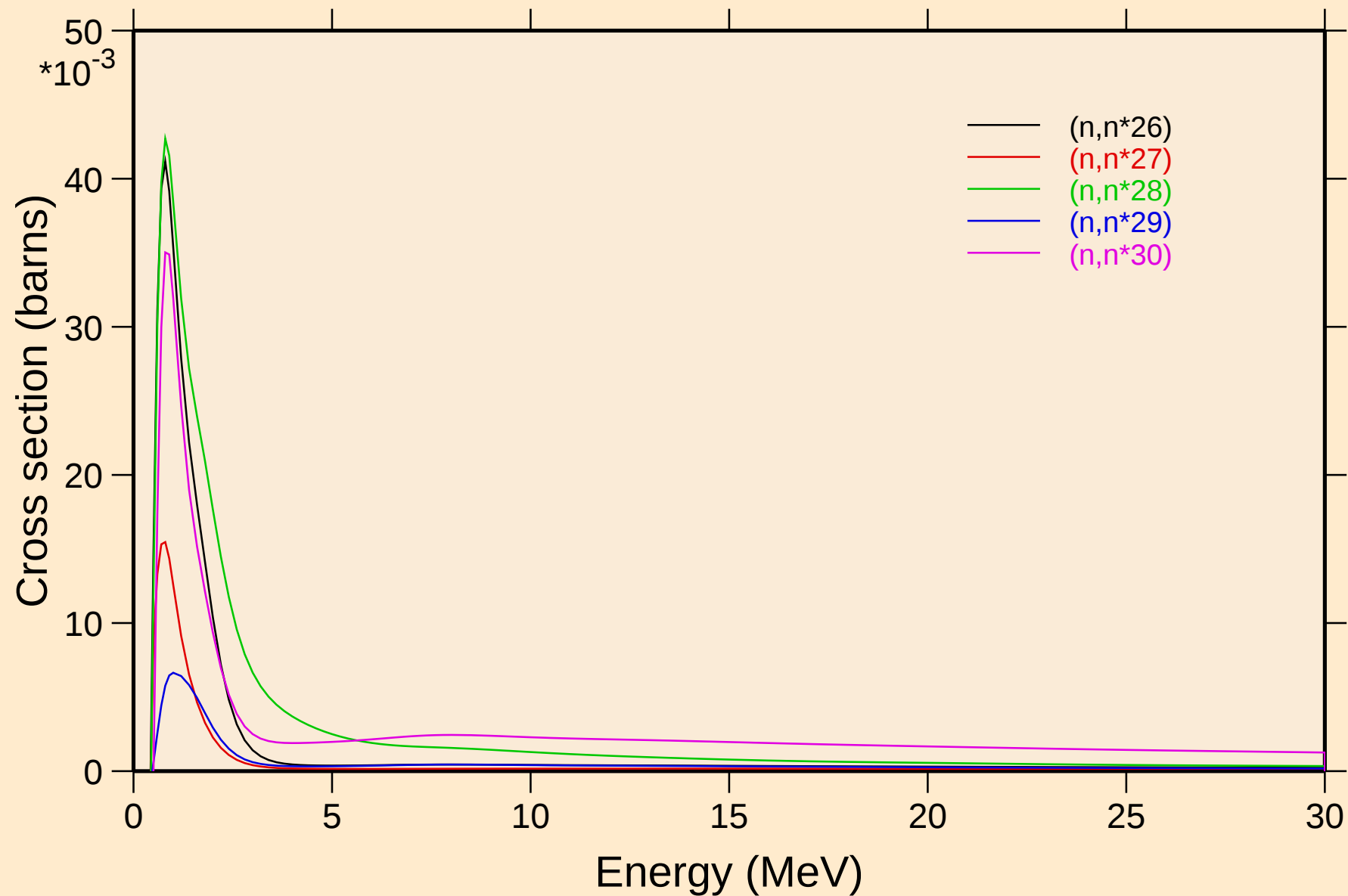
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



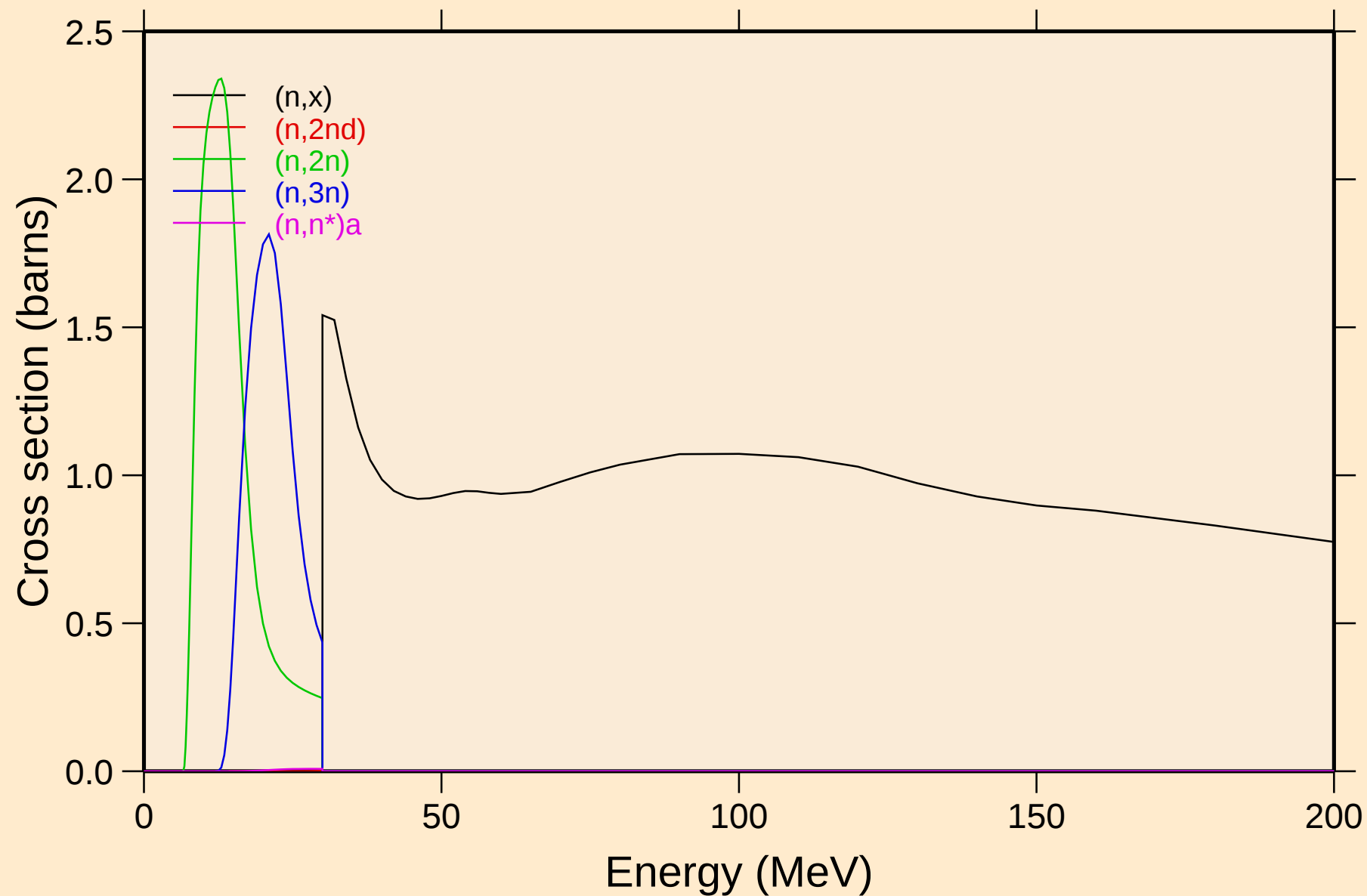
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



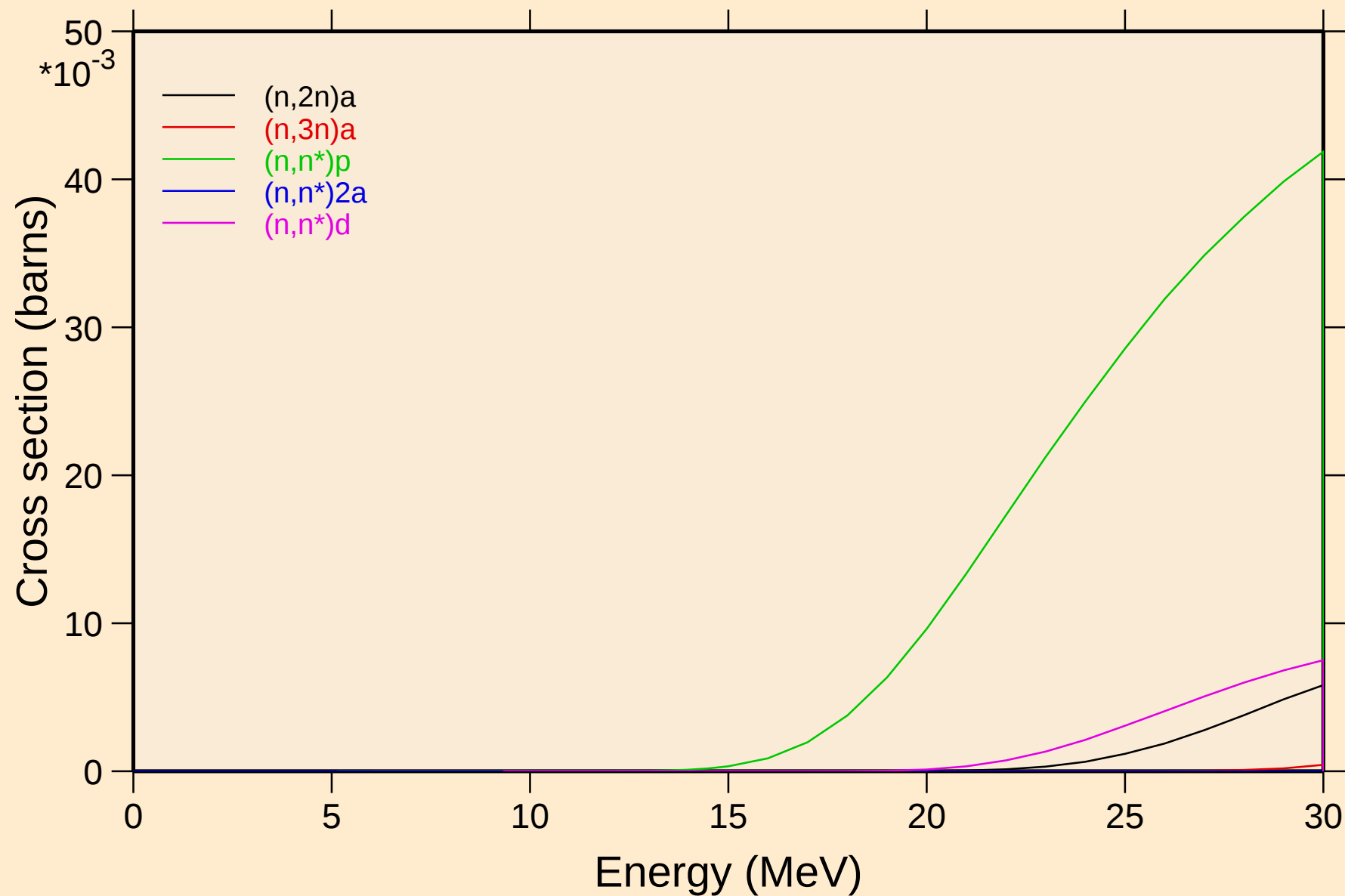
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



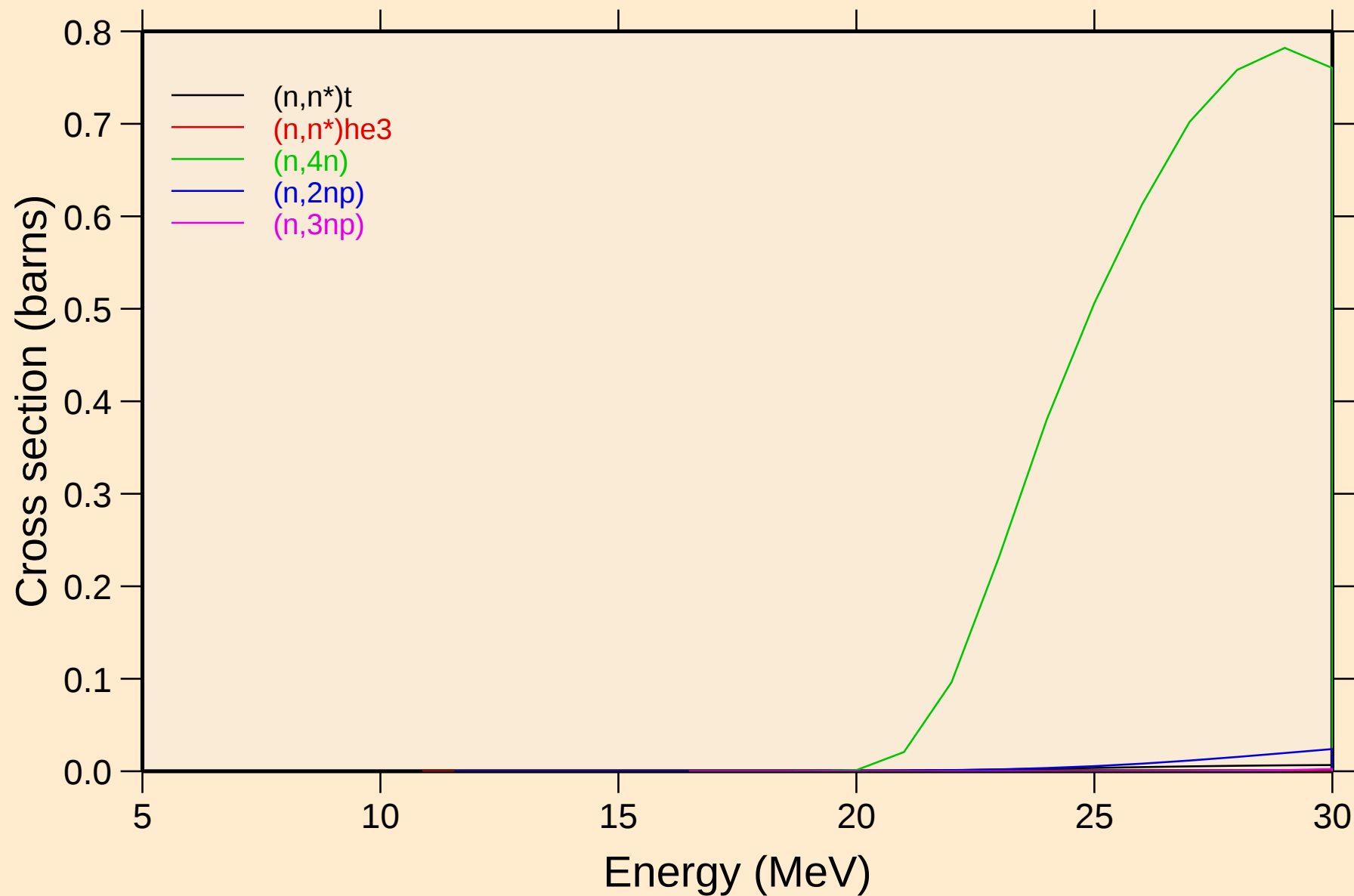
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



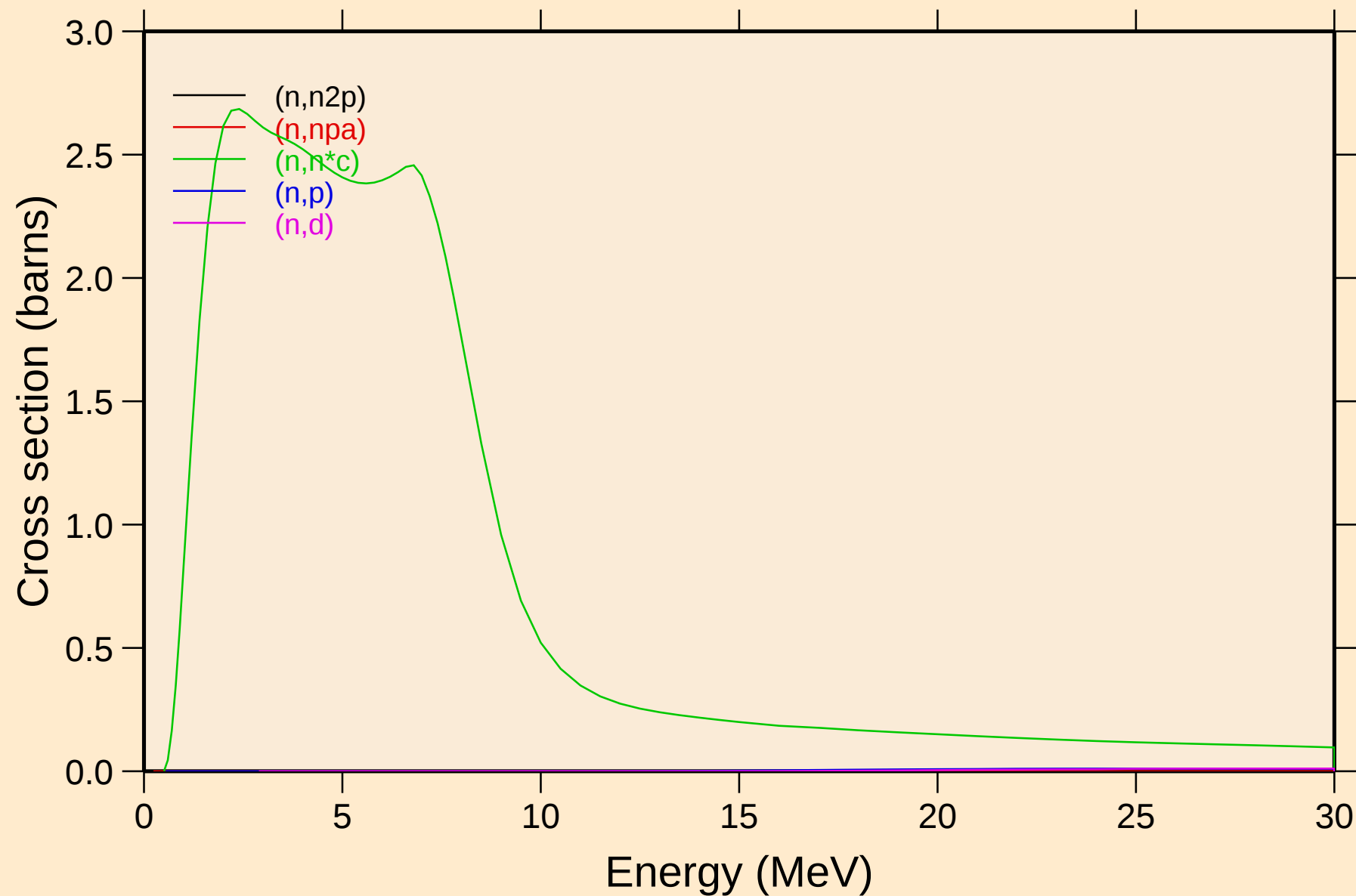
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



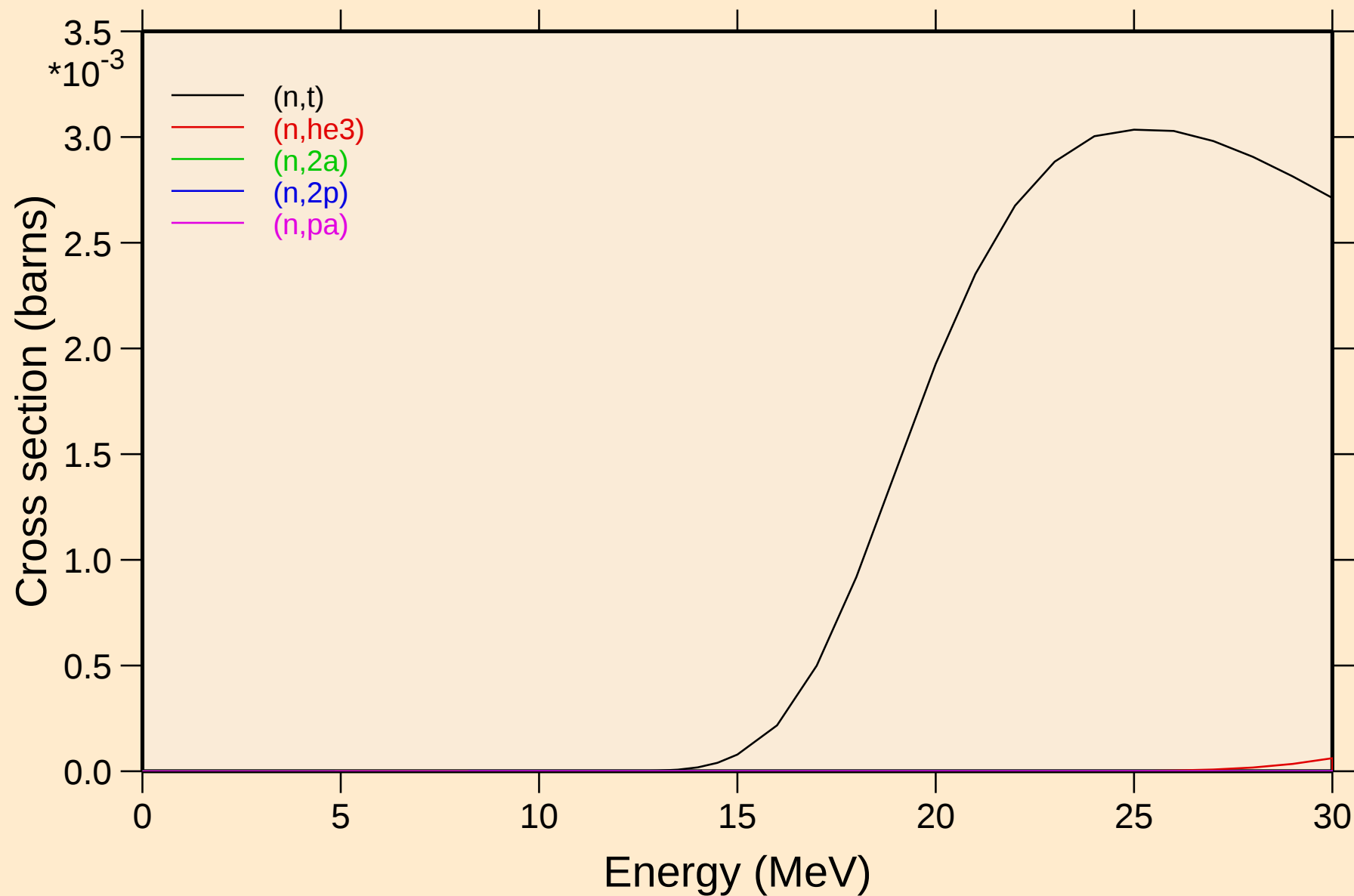
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



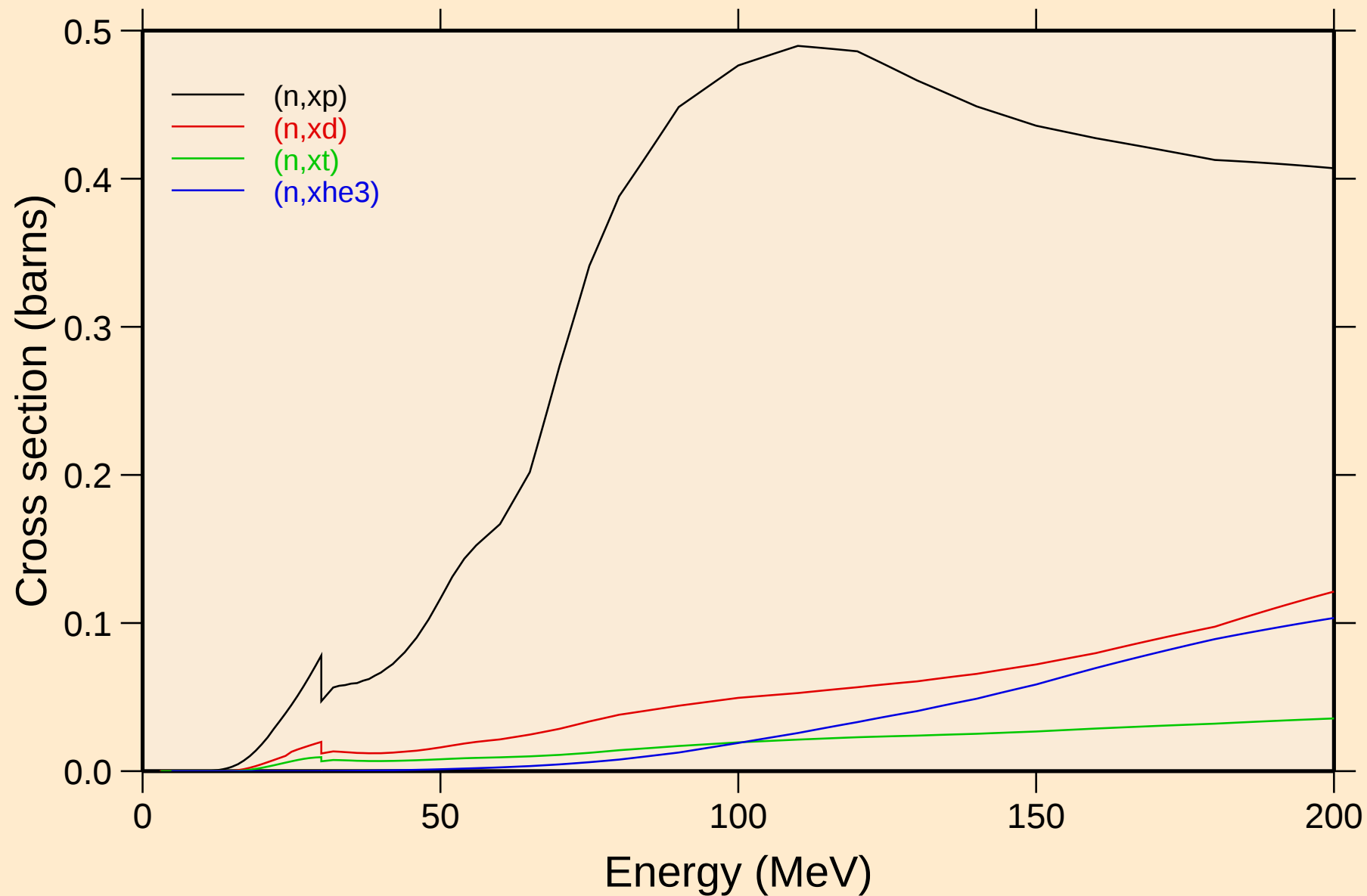
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



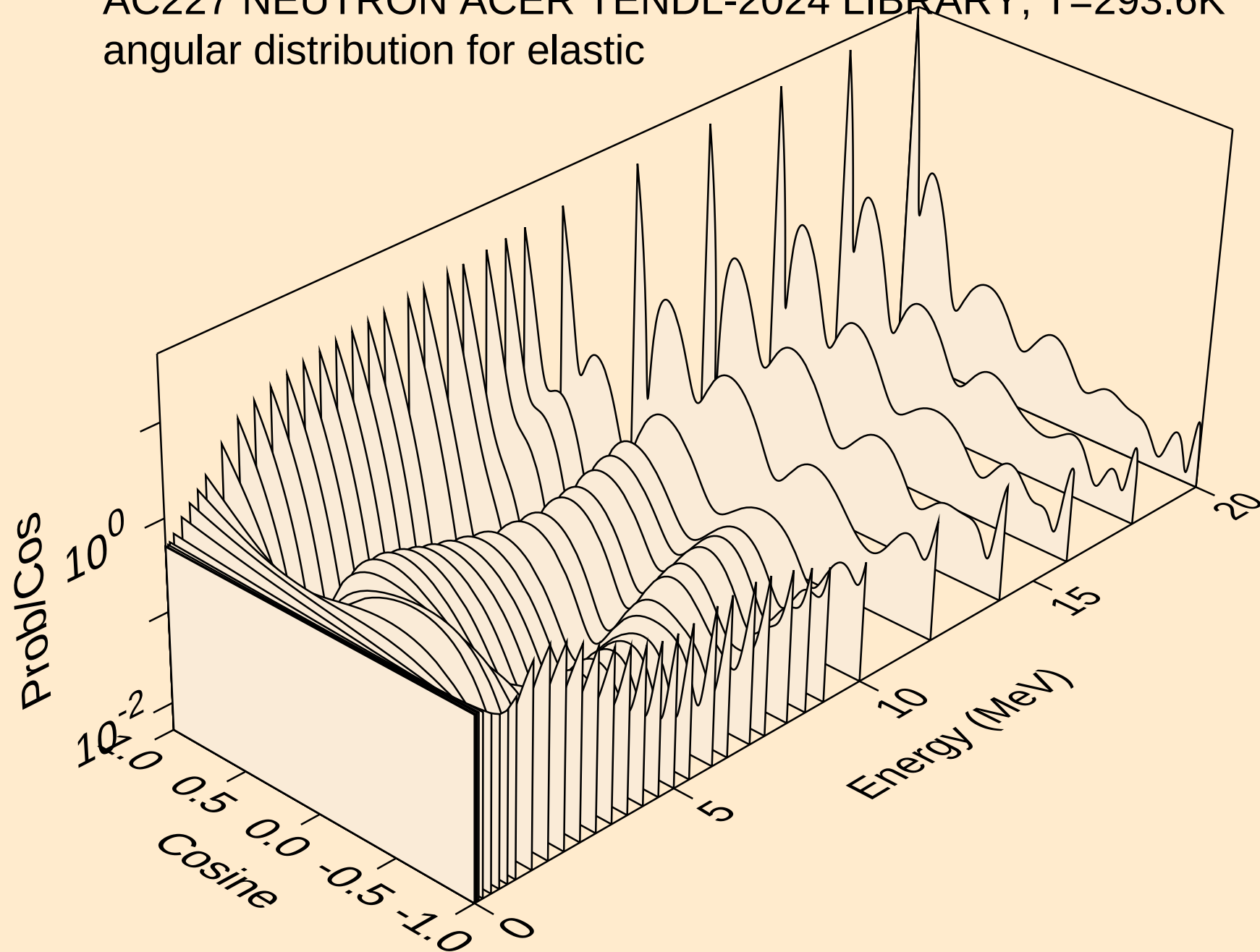
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



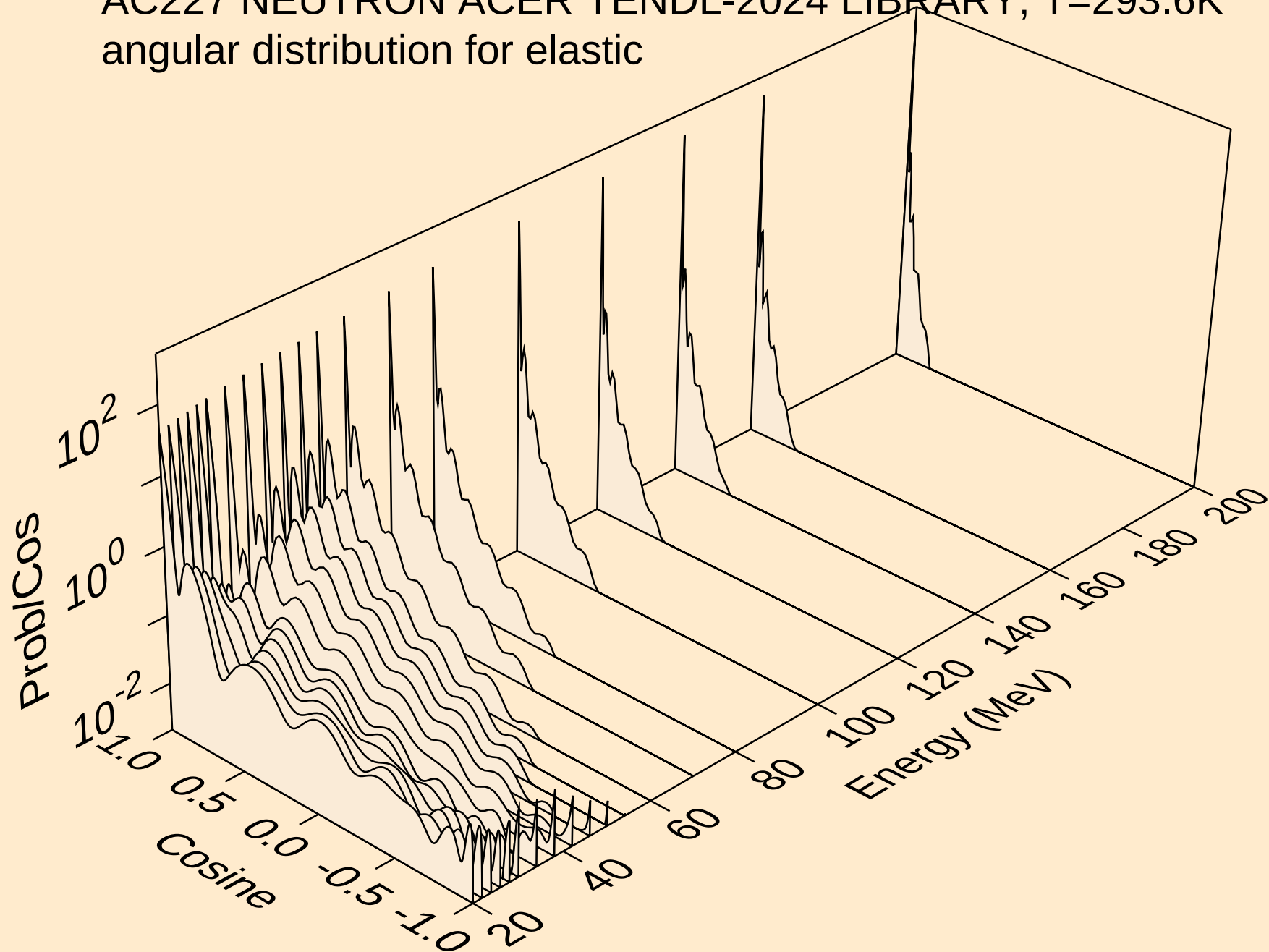
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



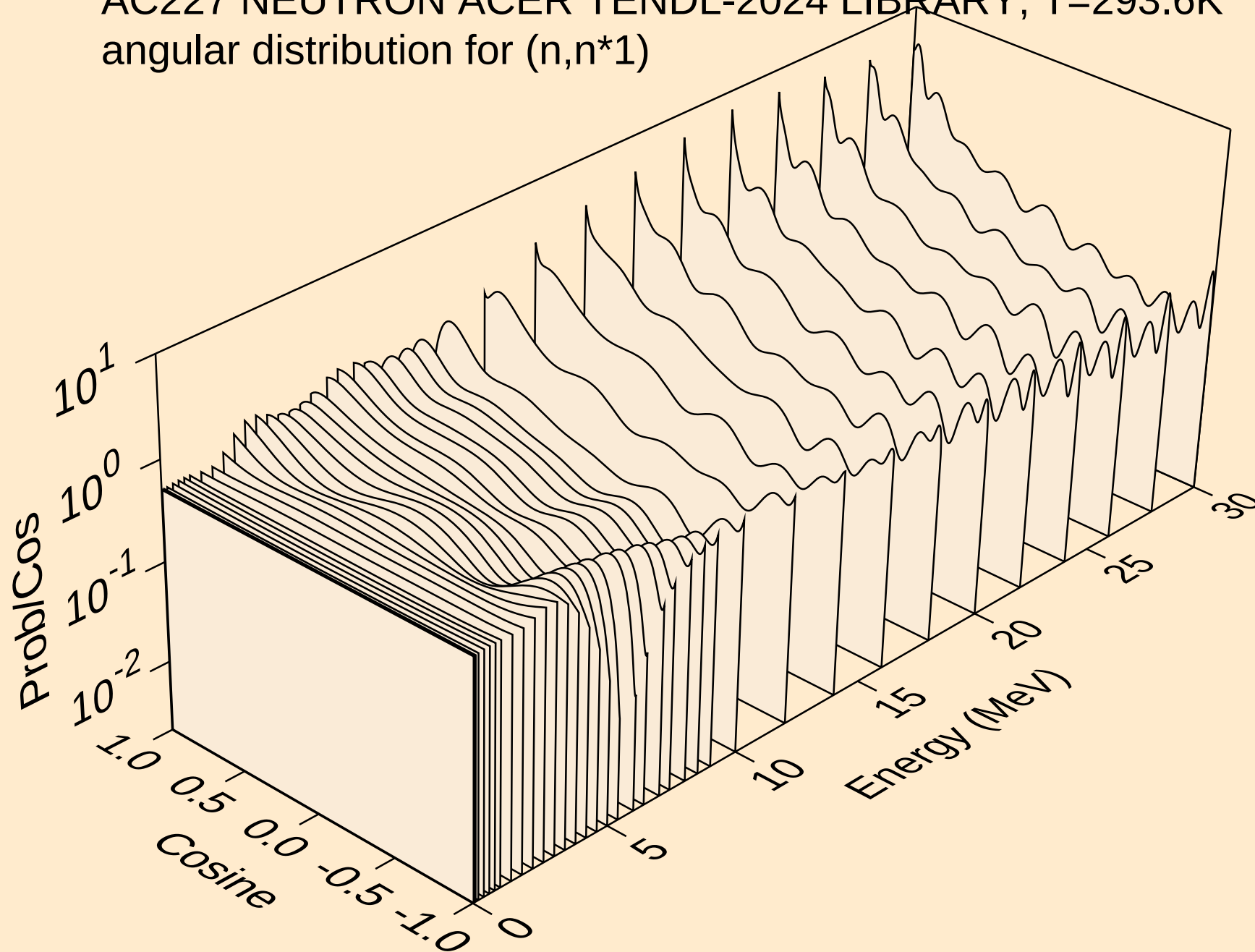
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



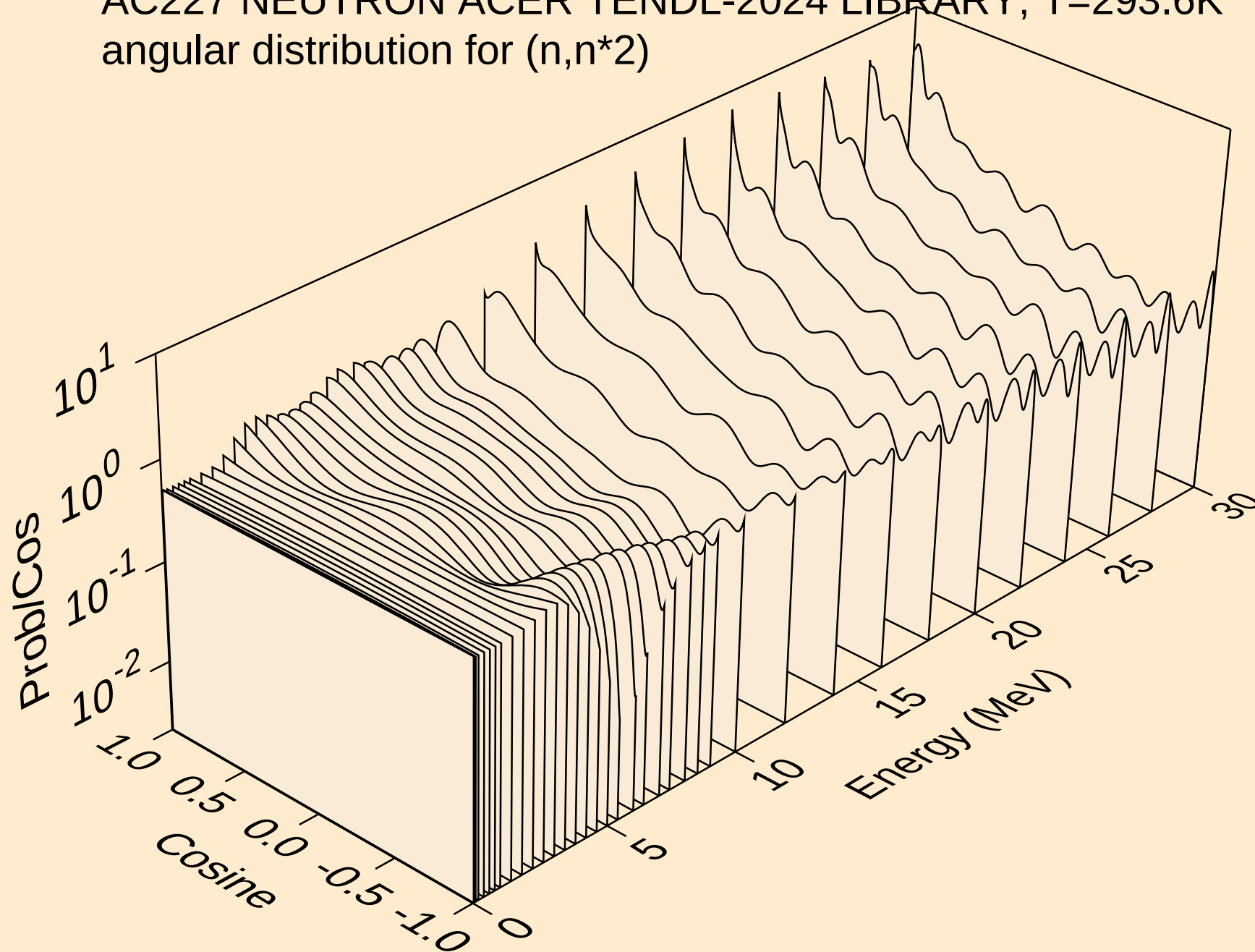
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



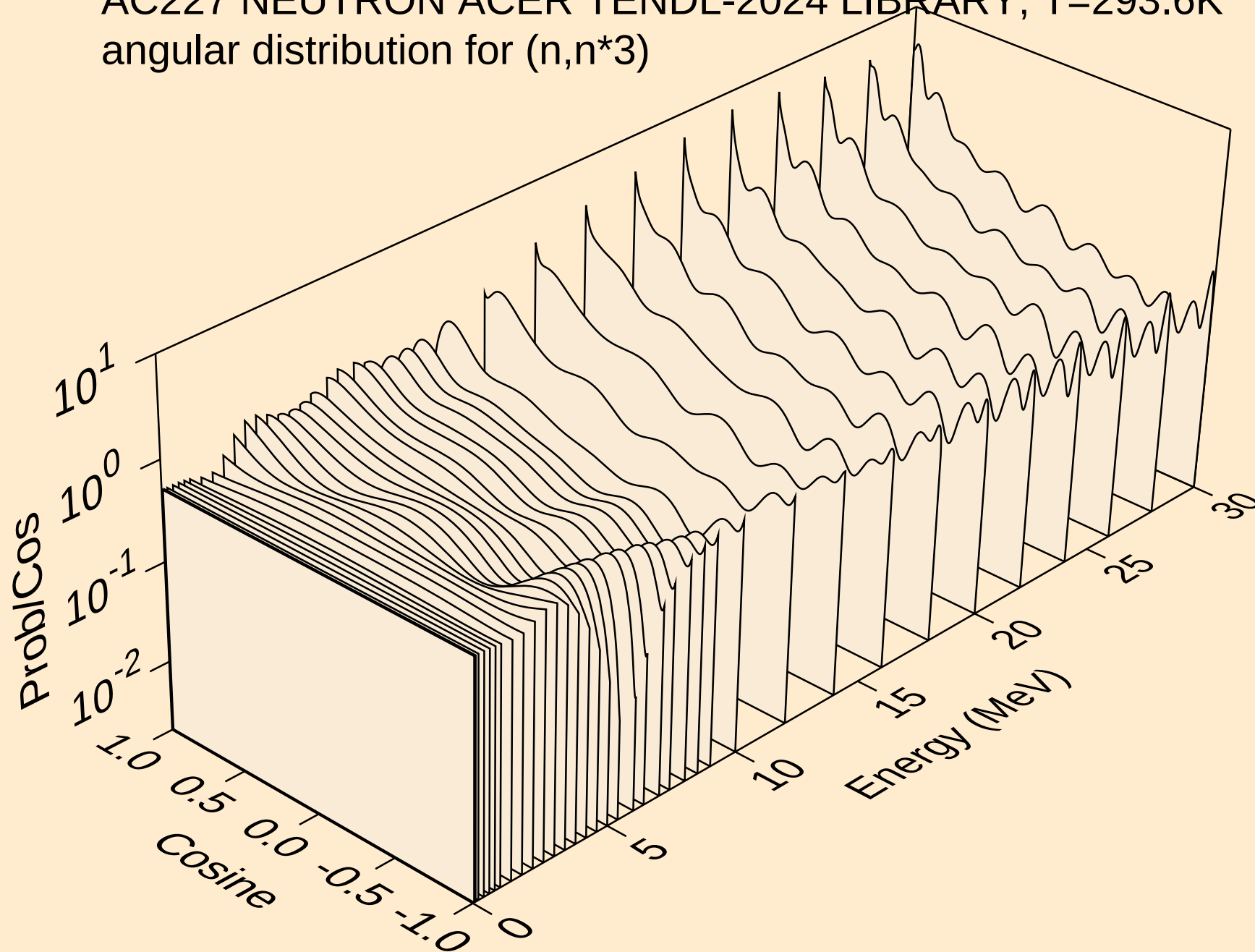
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



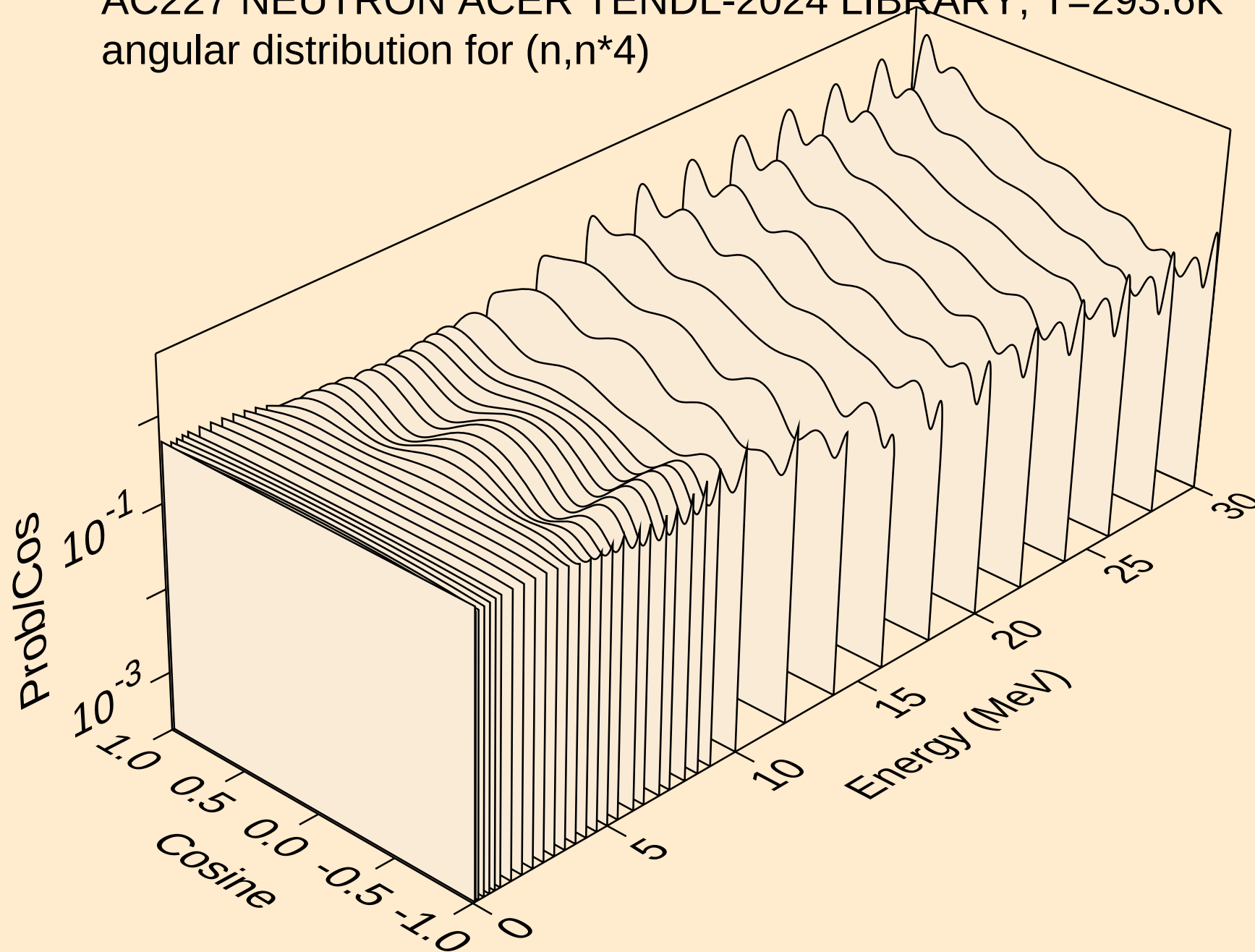
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



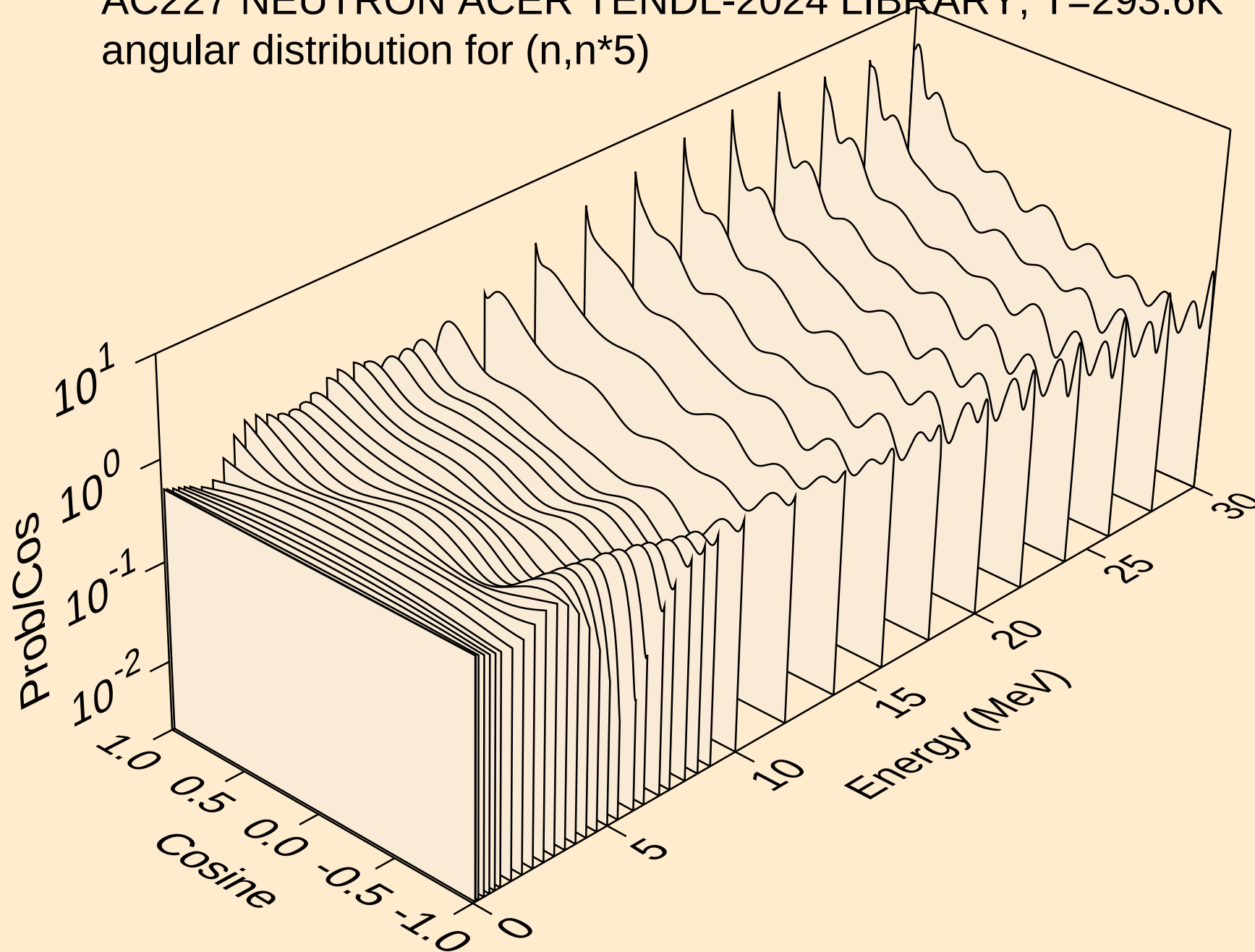
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



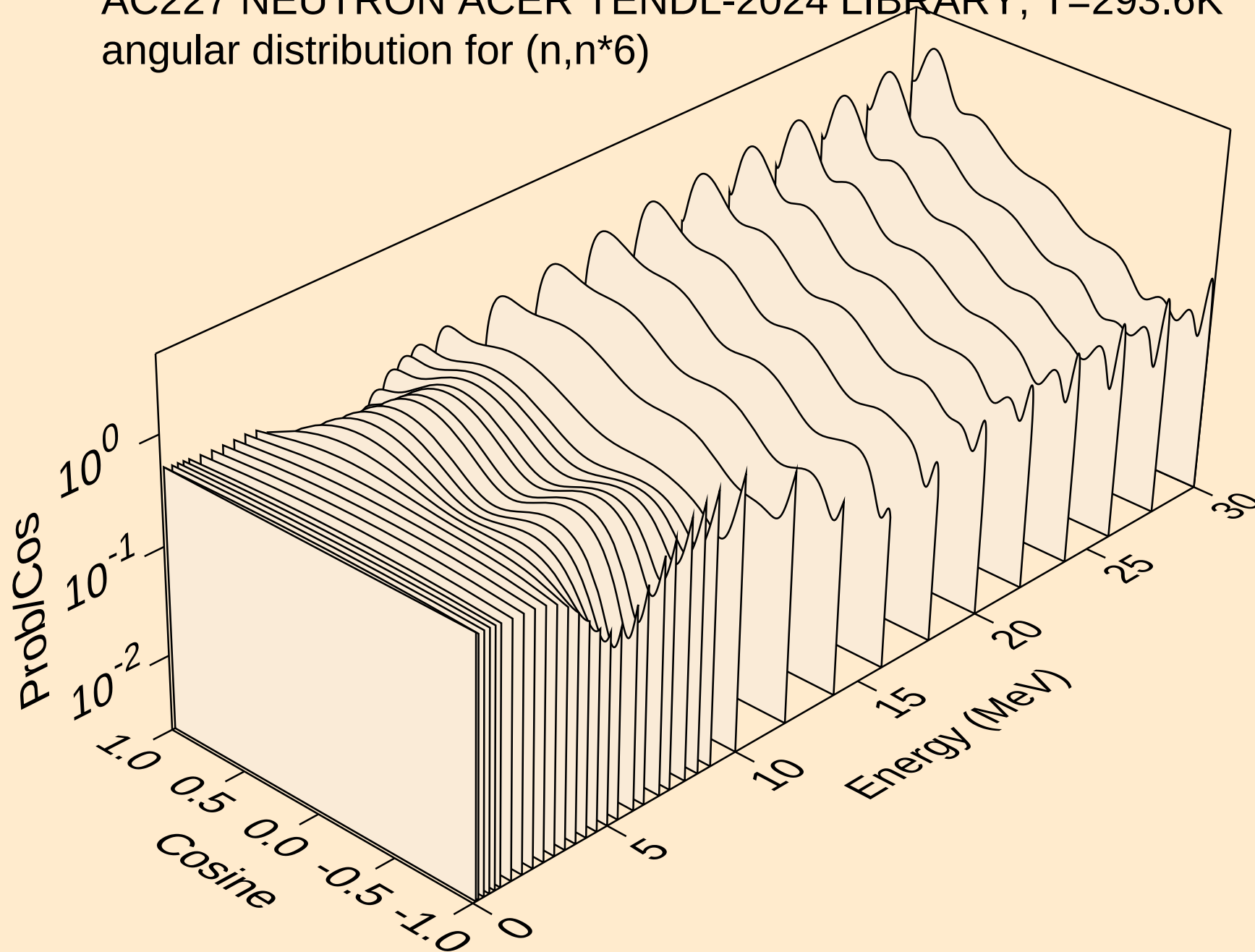
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



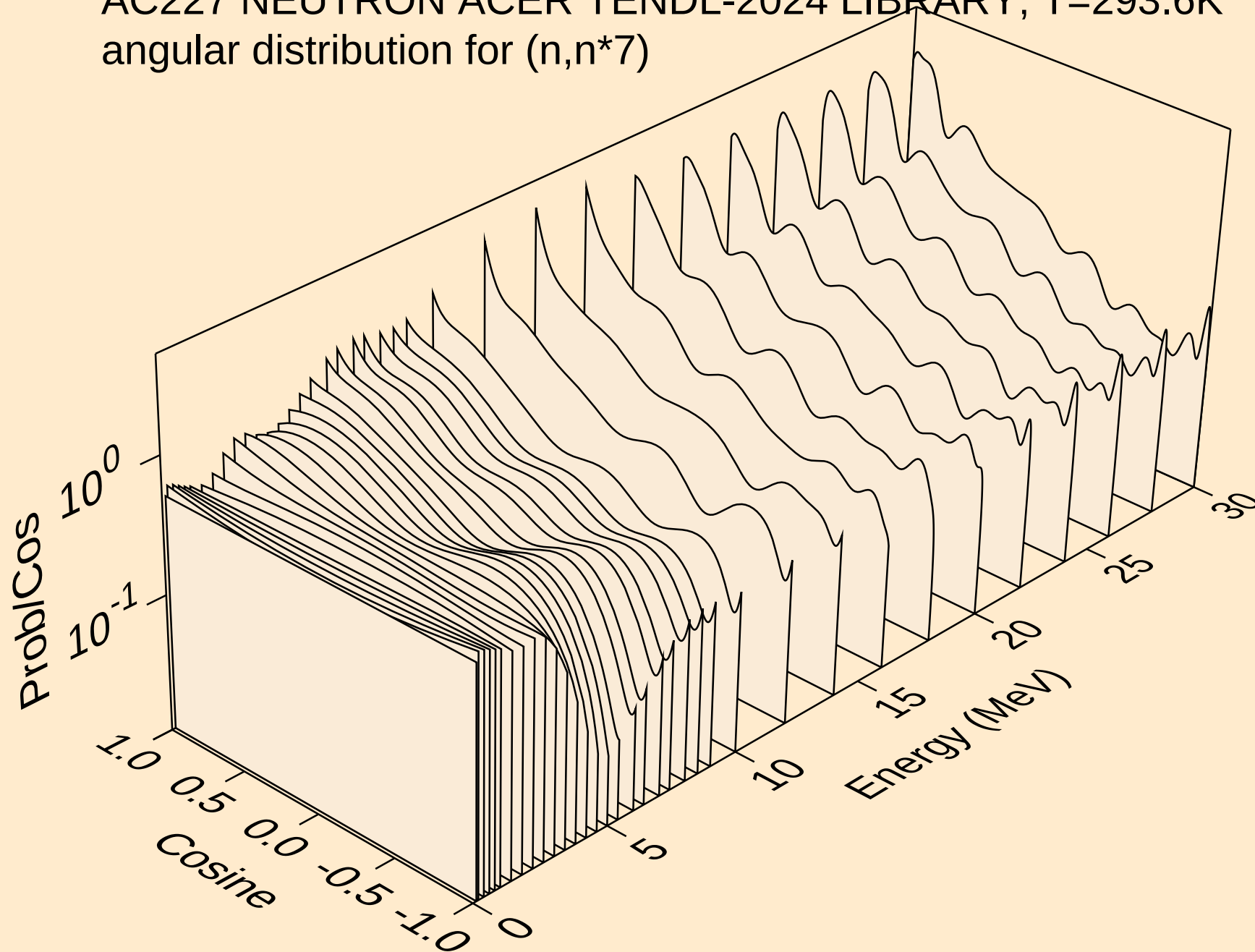
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



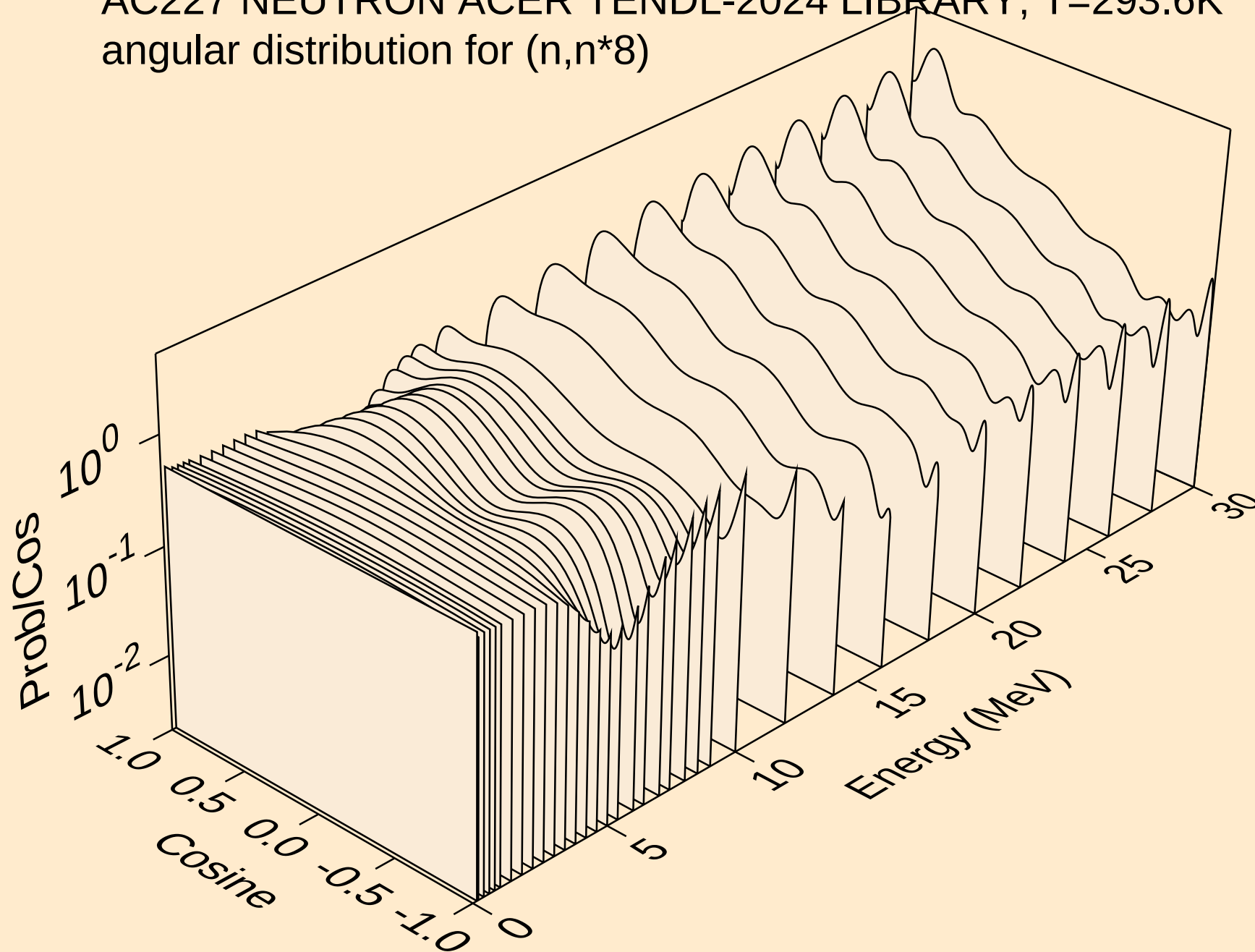
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



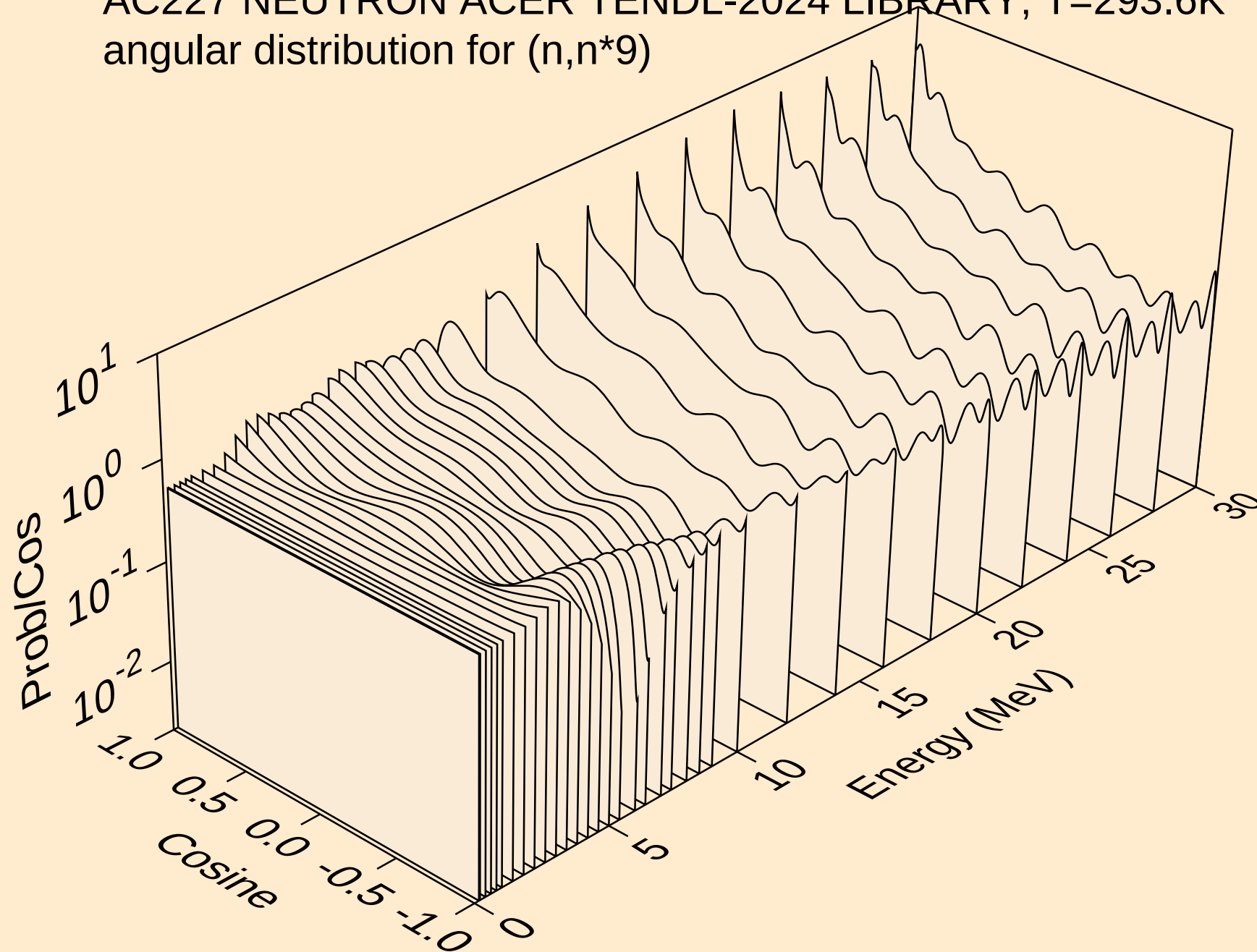
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



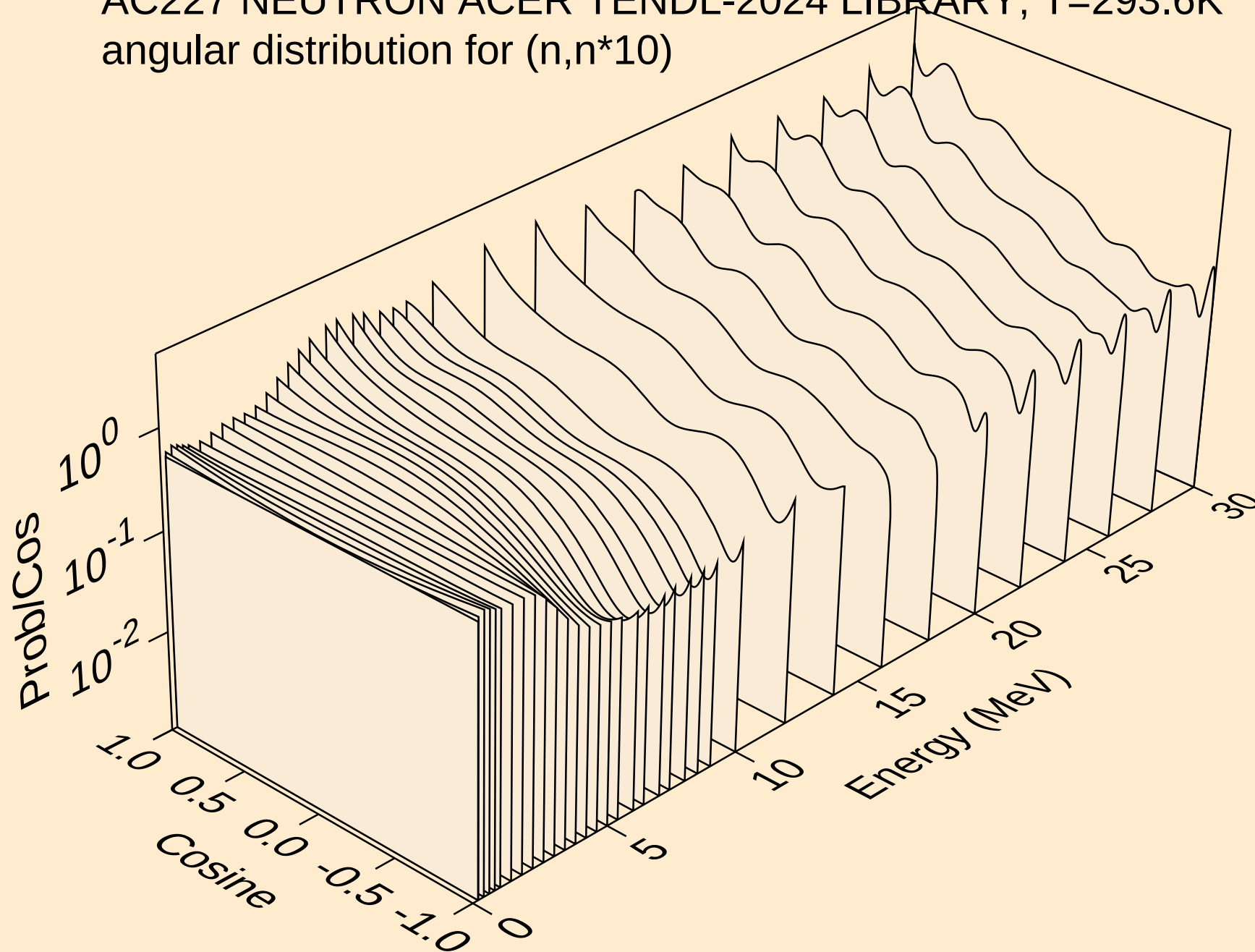
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



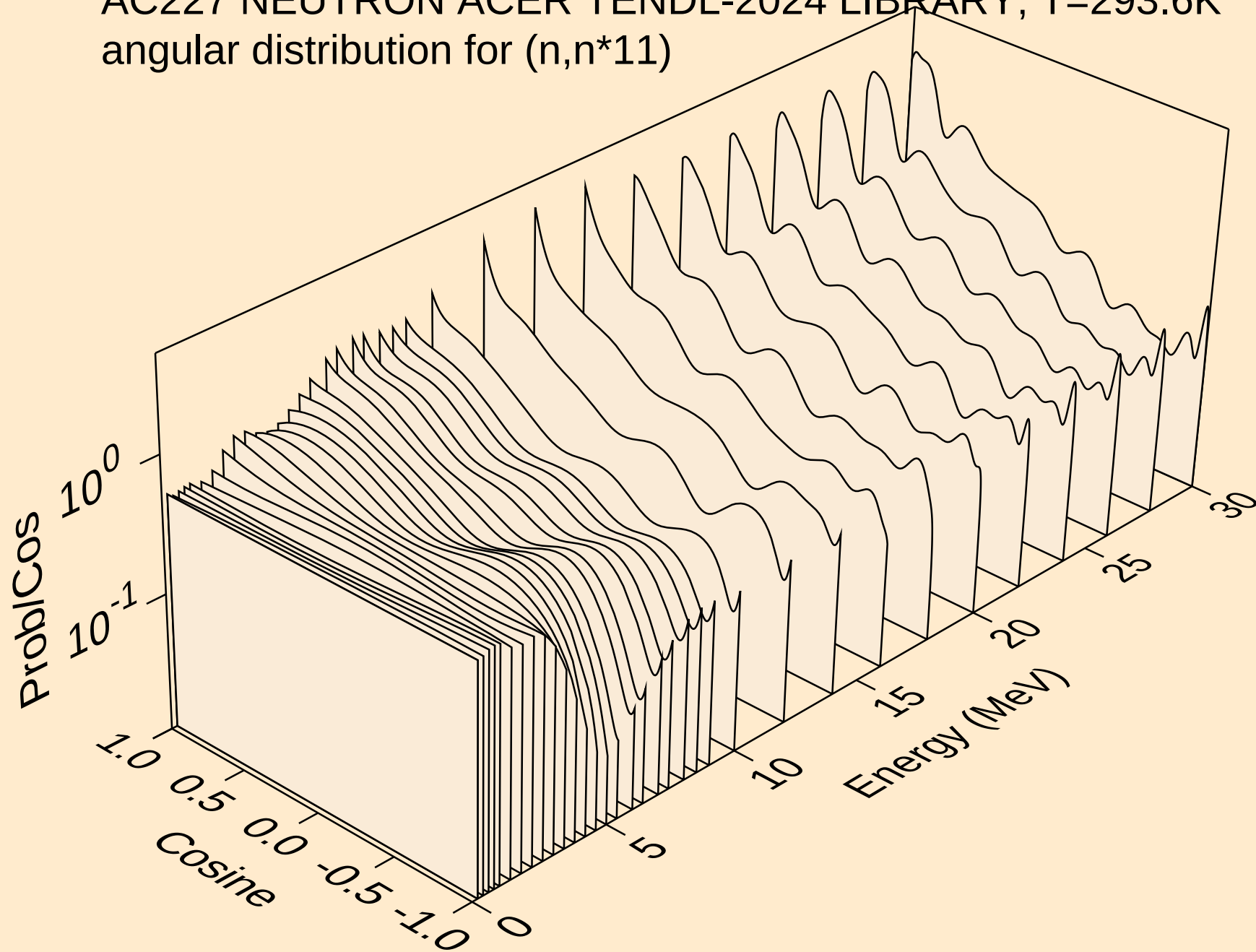
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



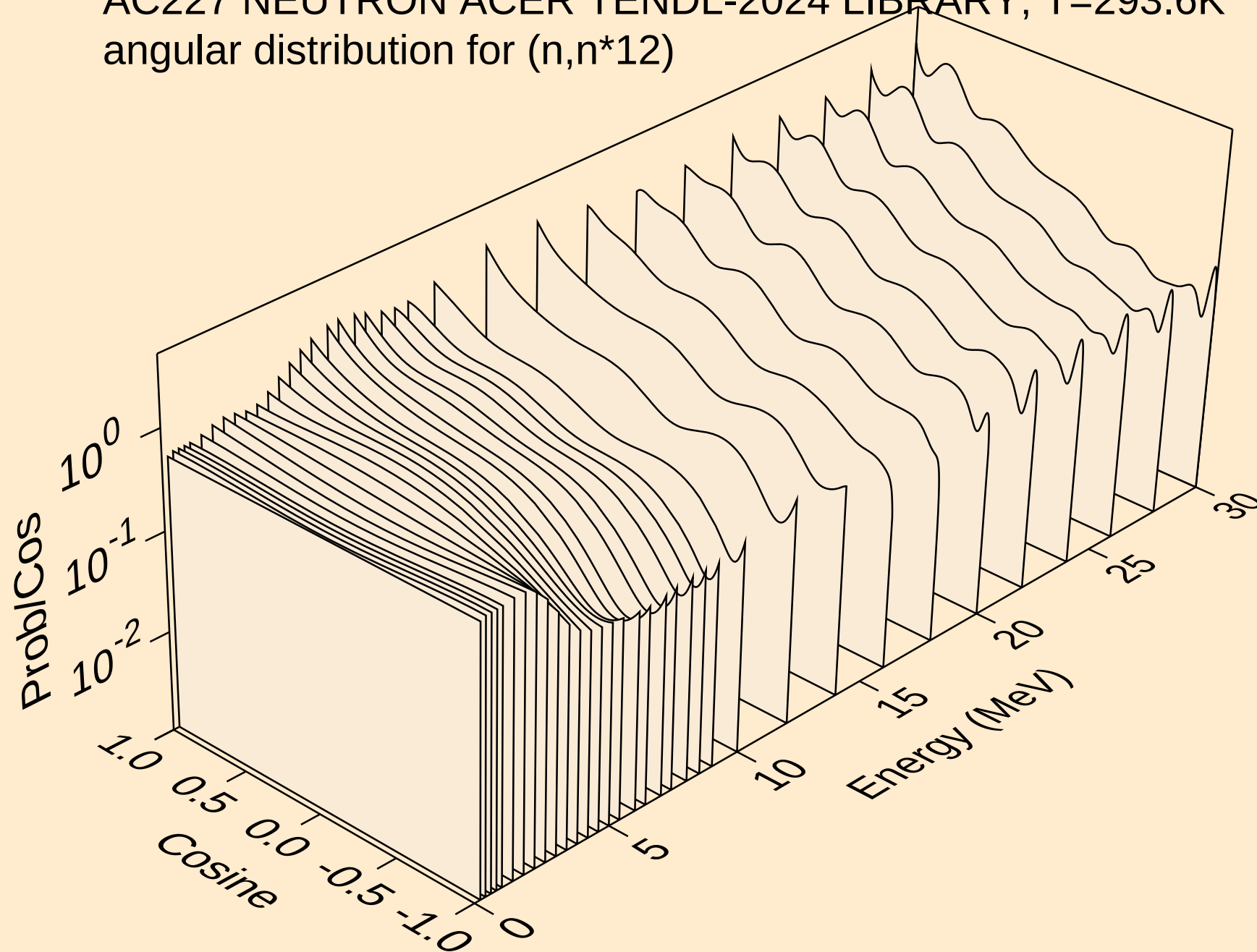
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



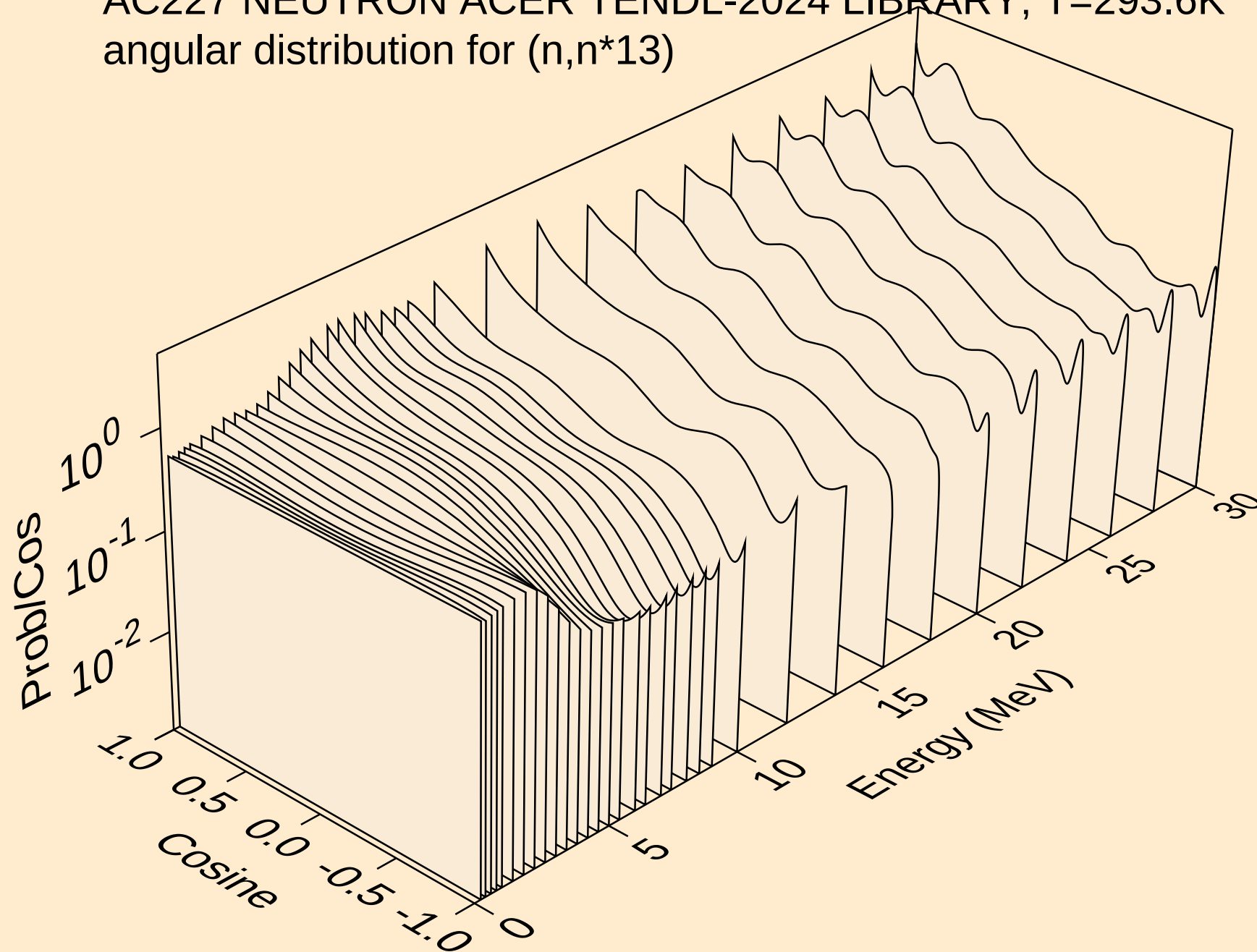
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



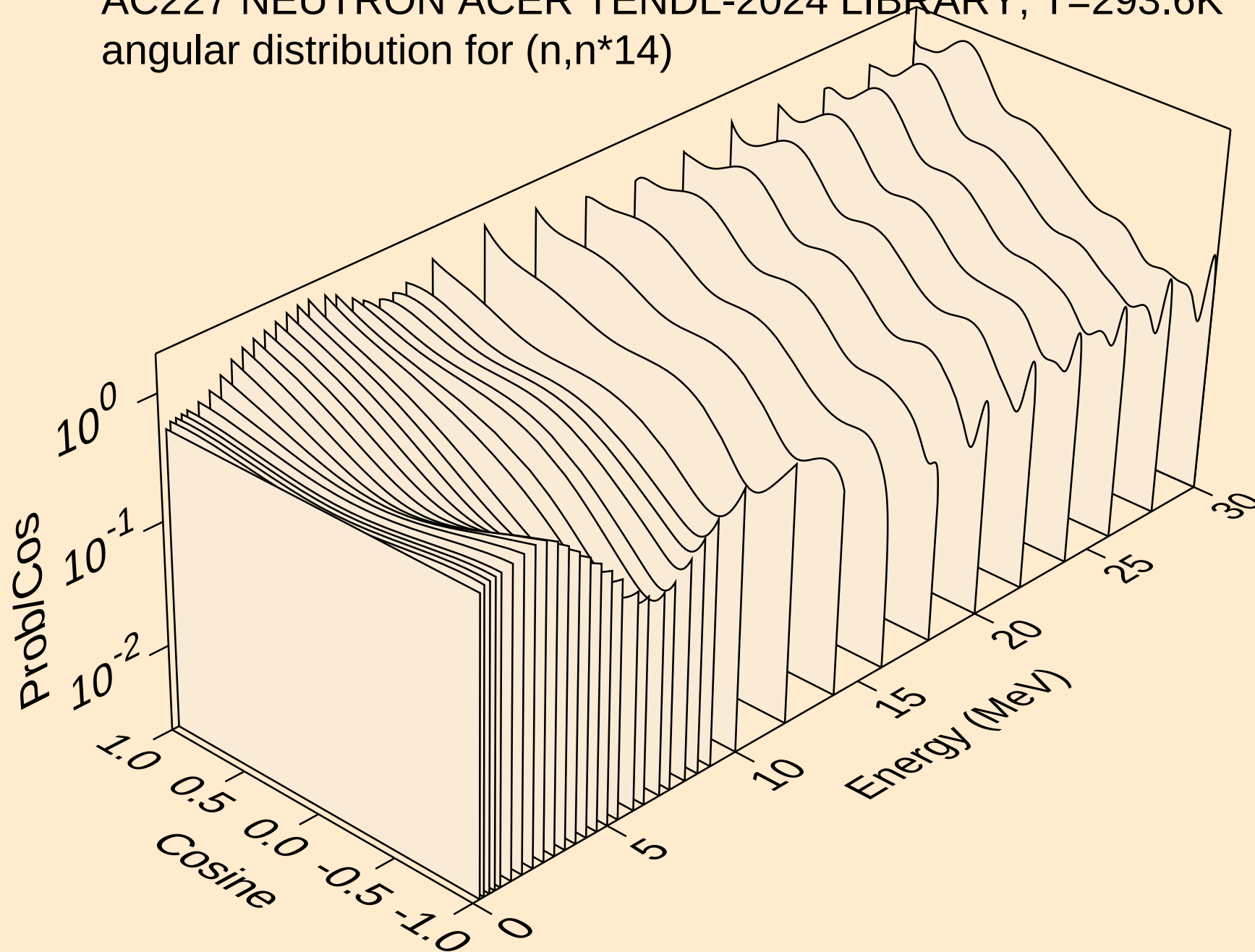
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angular distribution for (n,n\*12)



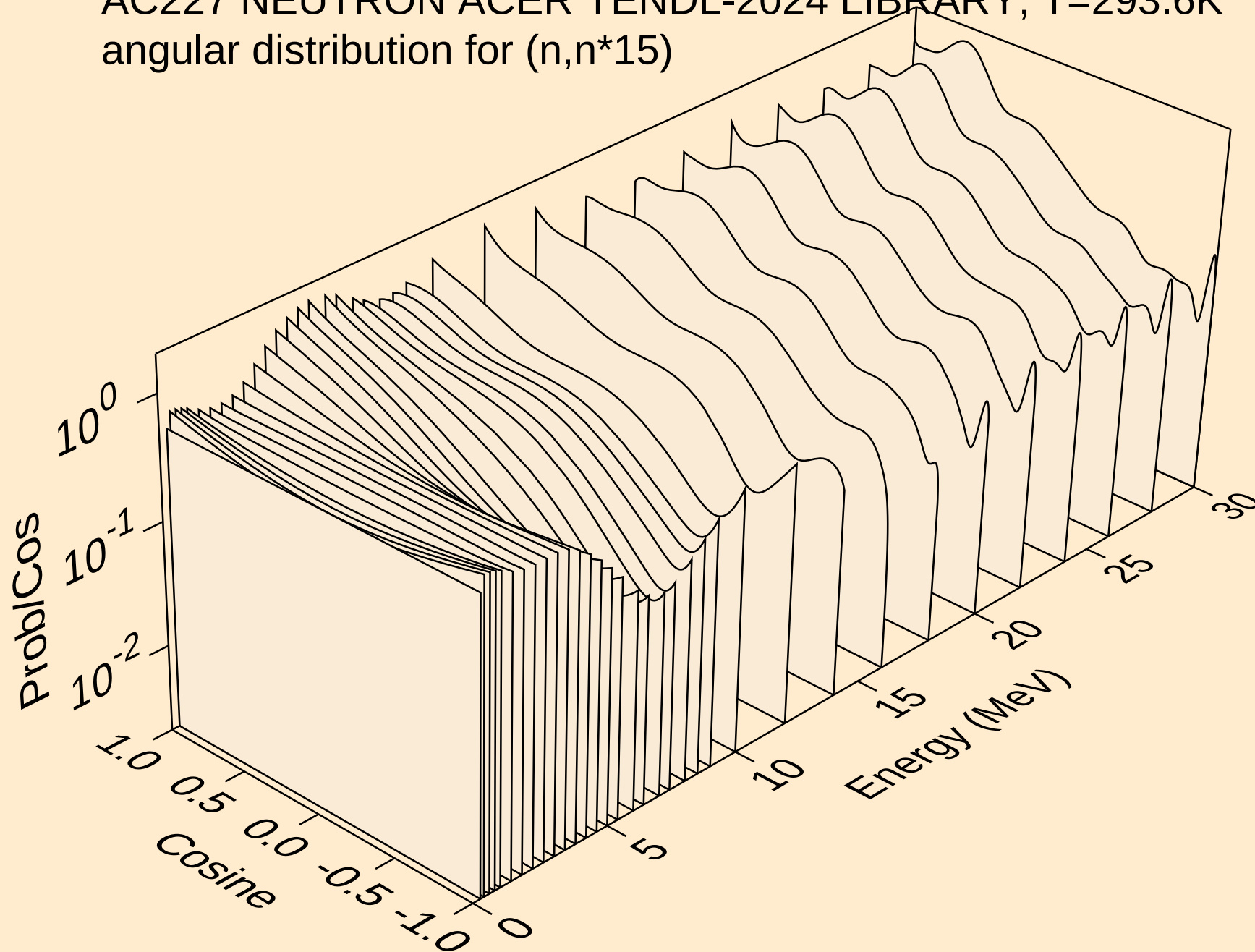
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angular distribution for (n,n\*13)



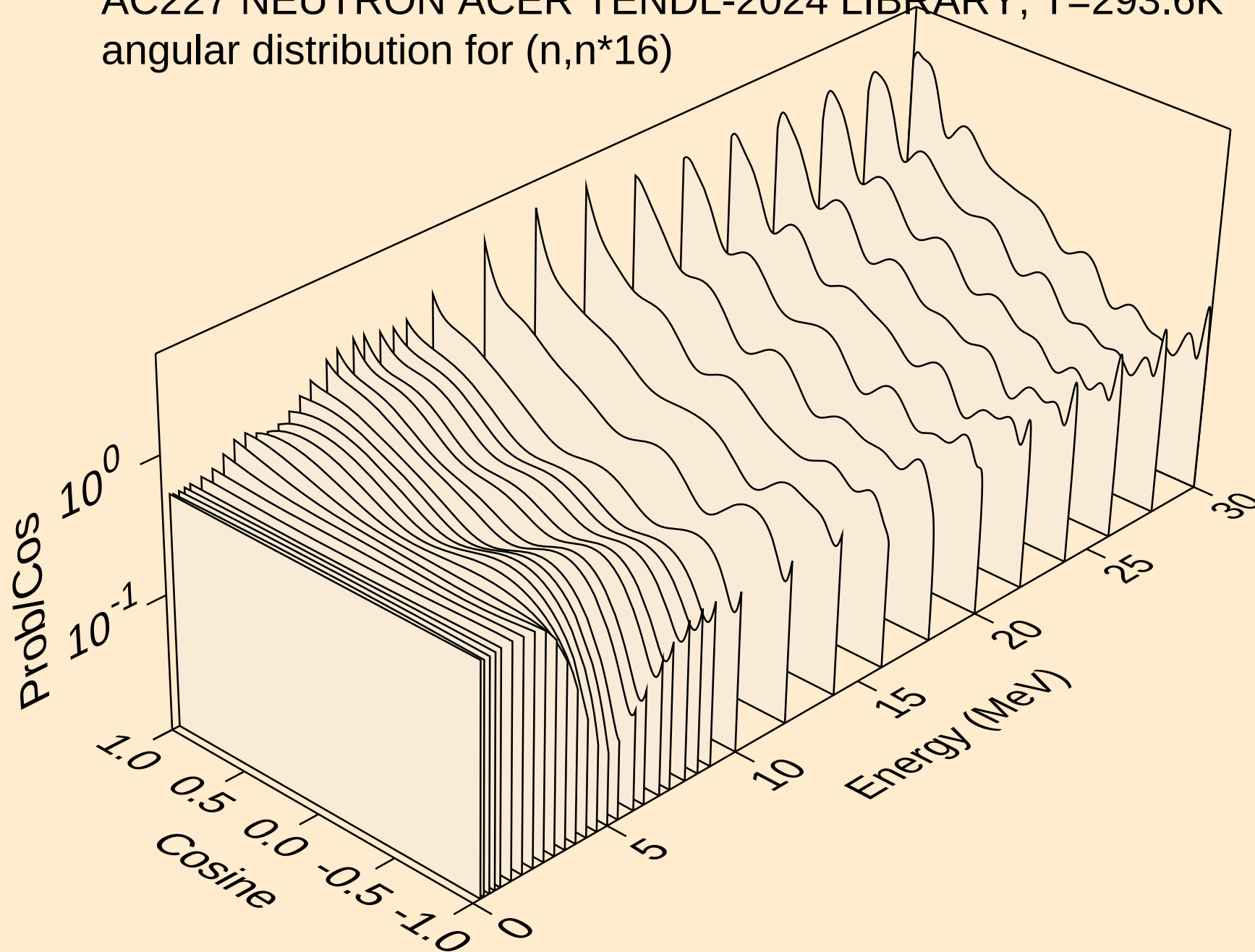
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angular distribution for (n,n\*14)



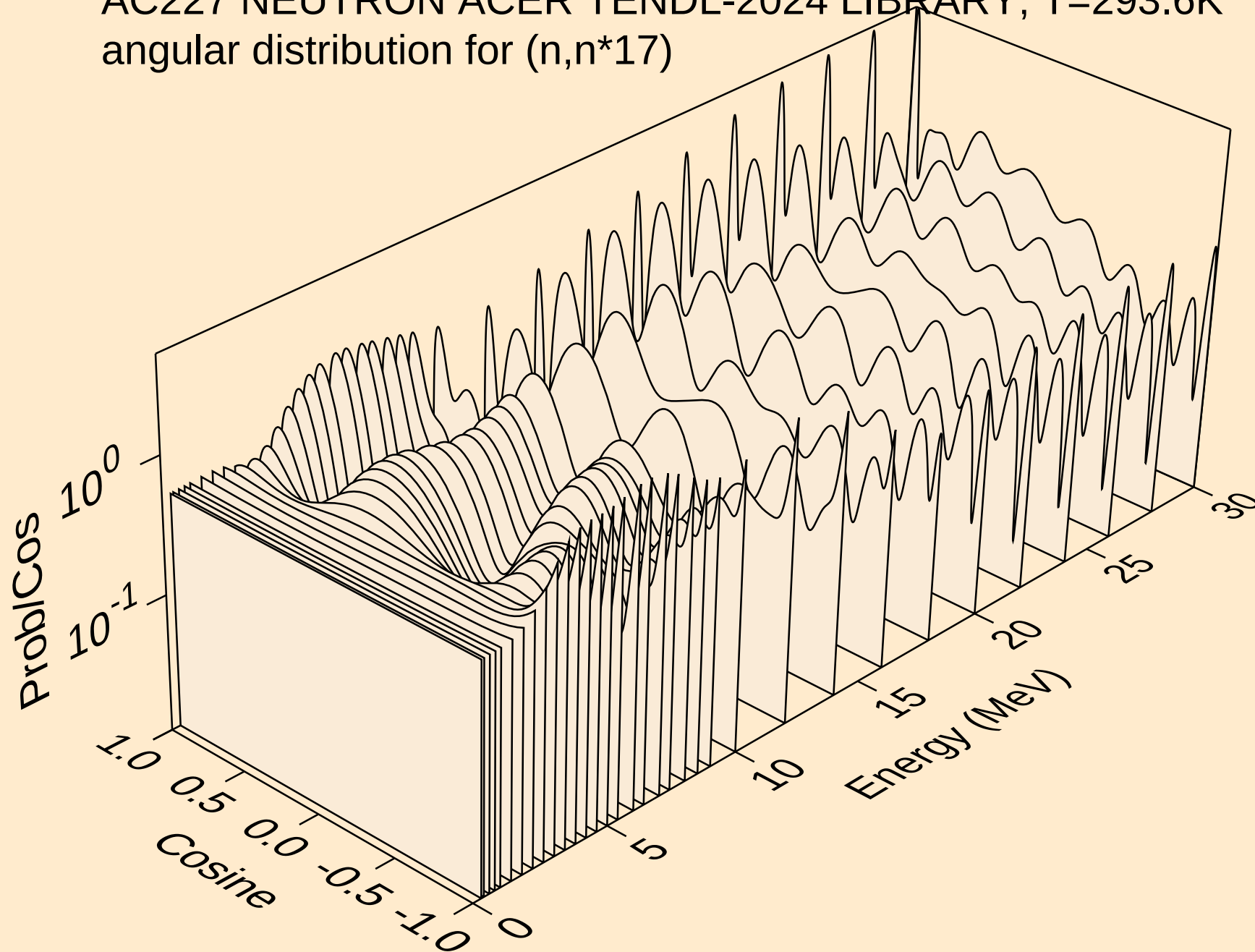
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



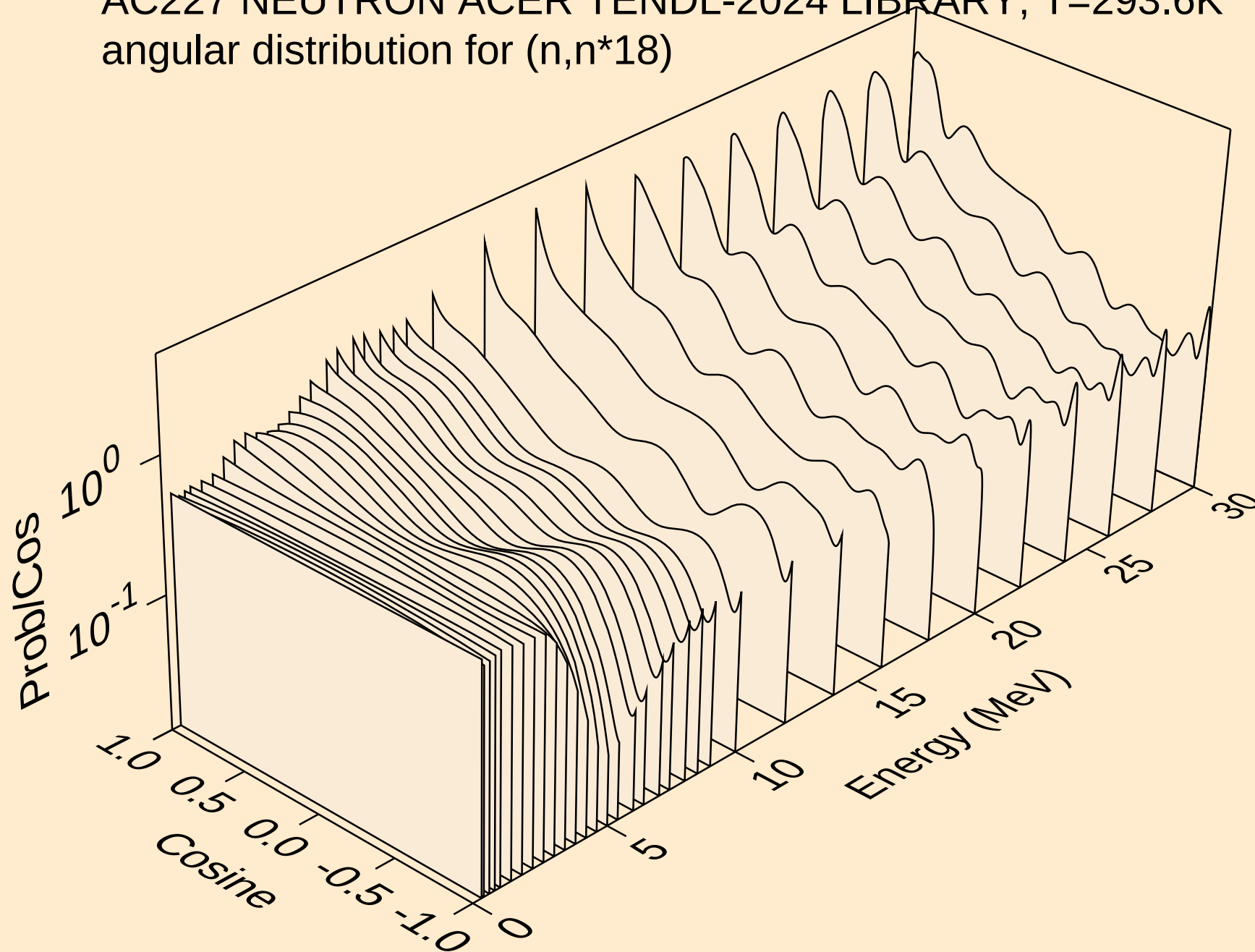
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



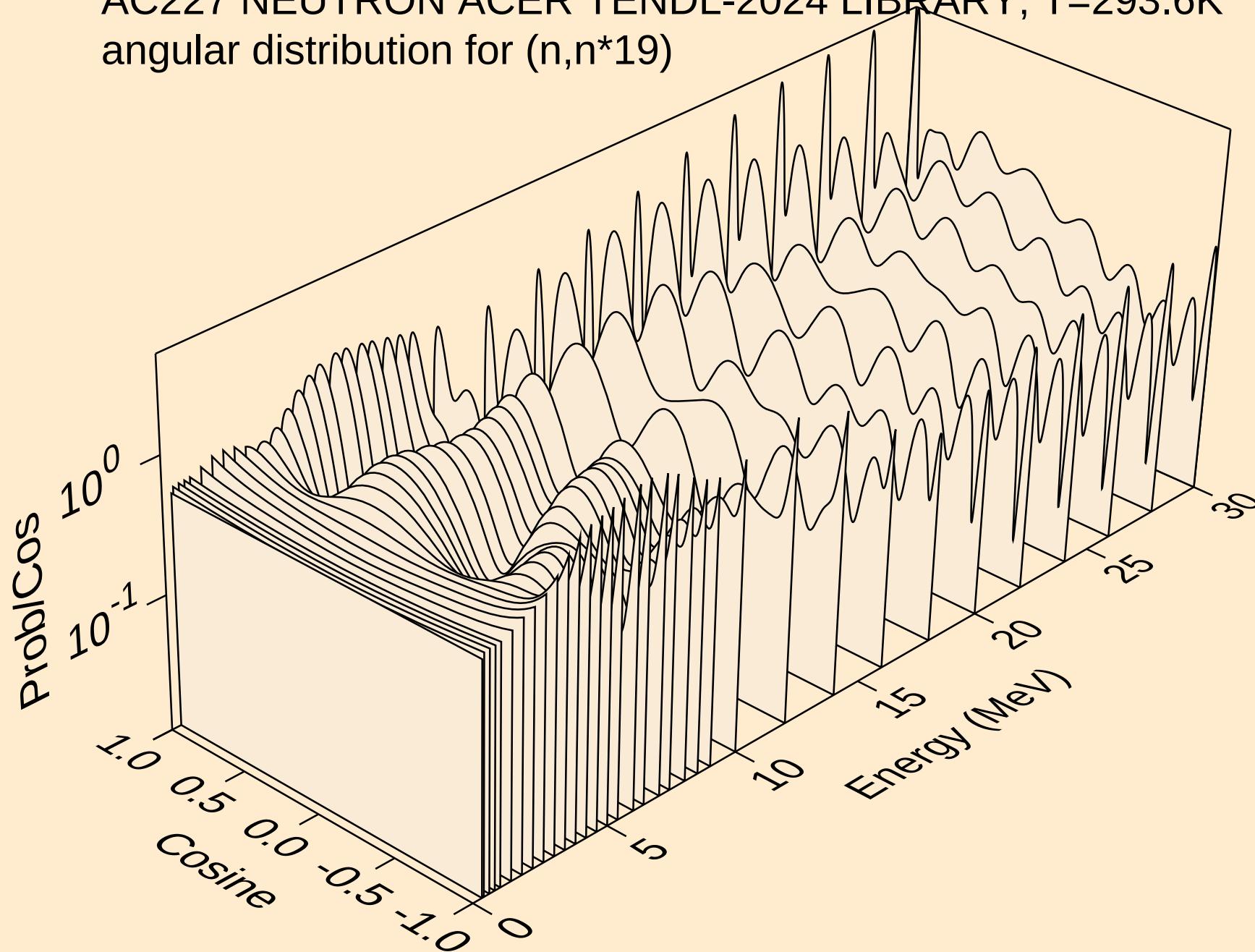
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angular distribution for (n,n\*17)



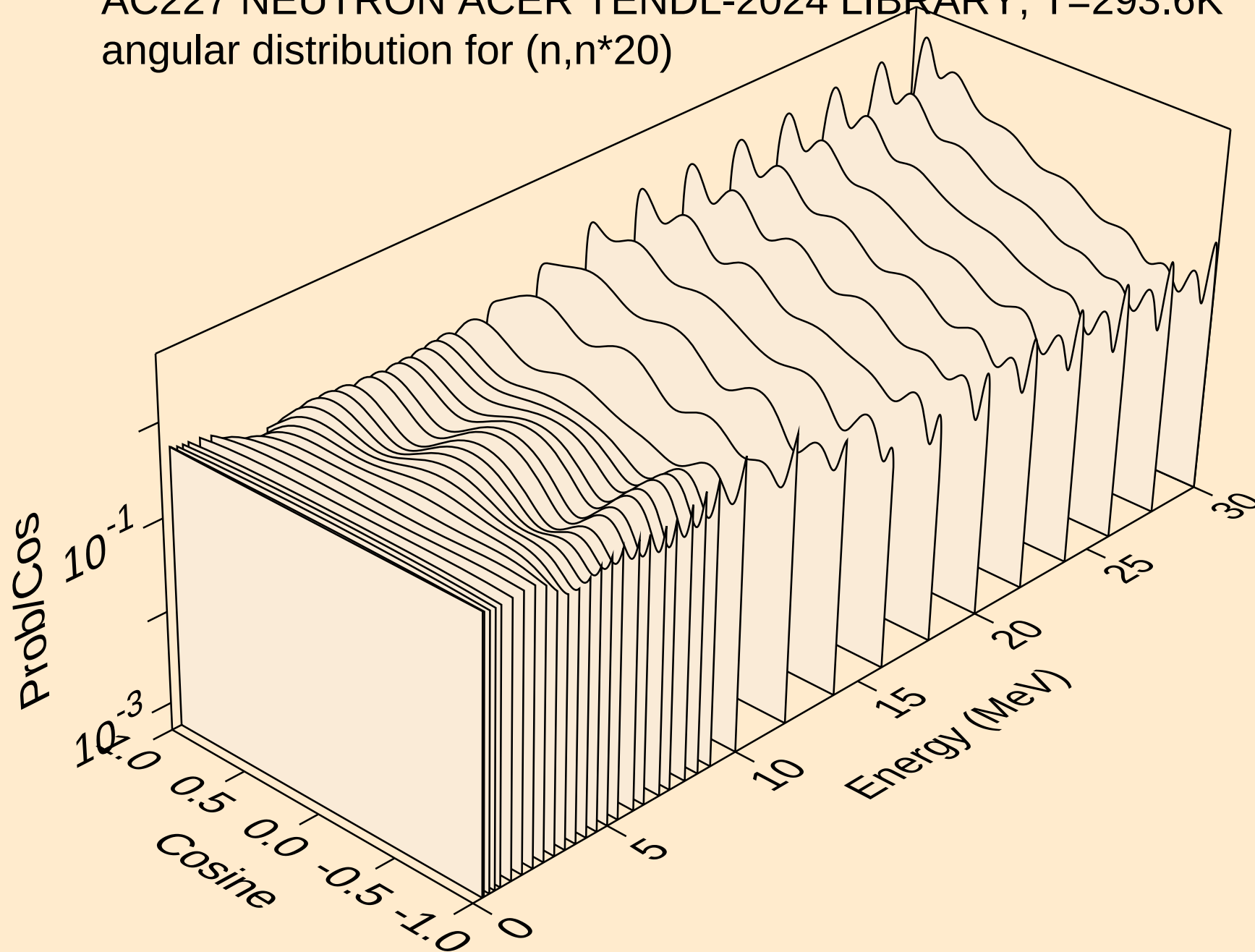
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



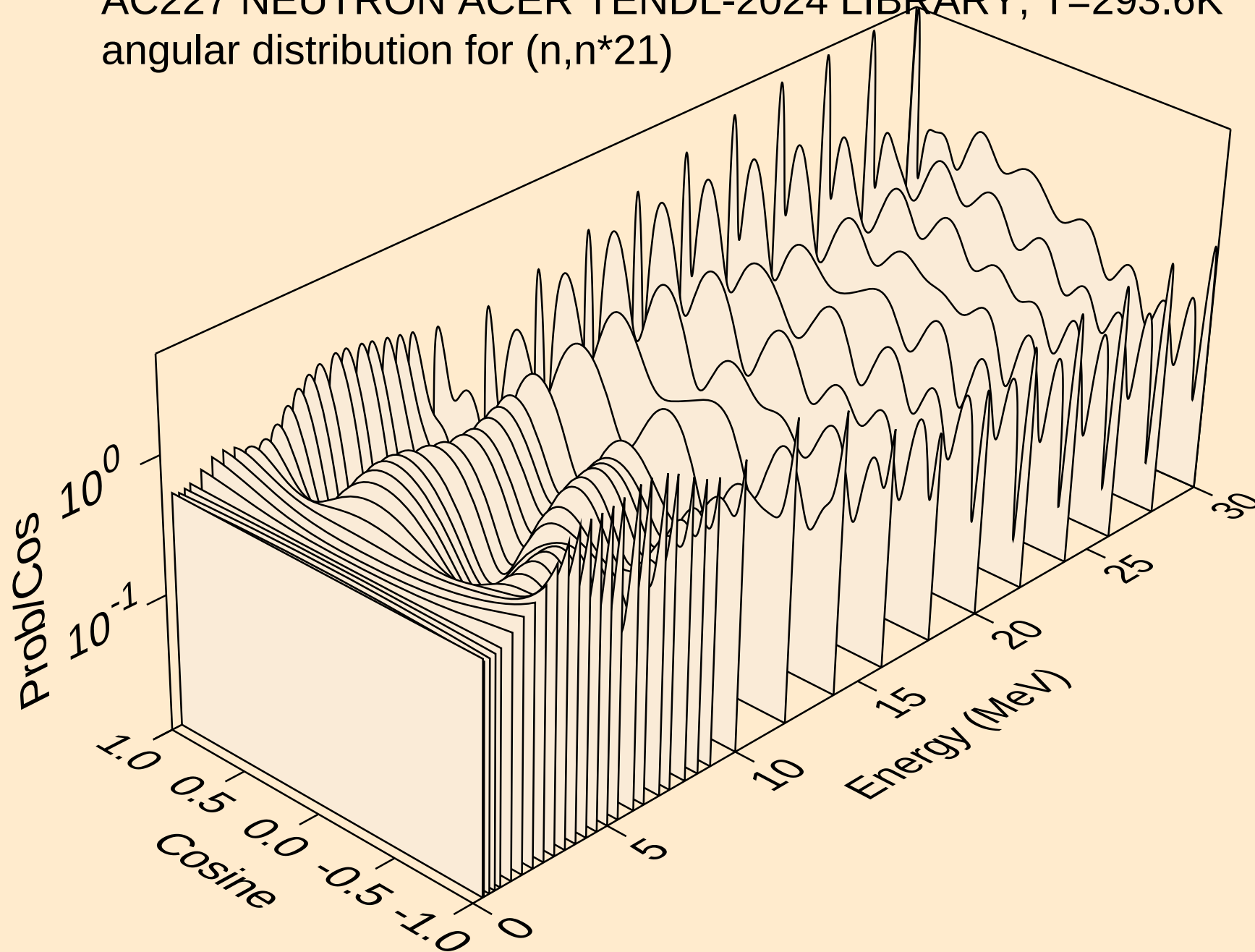
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angular distribution for (n,n\*19)



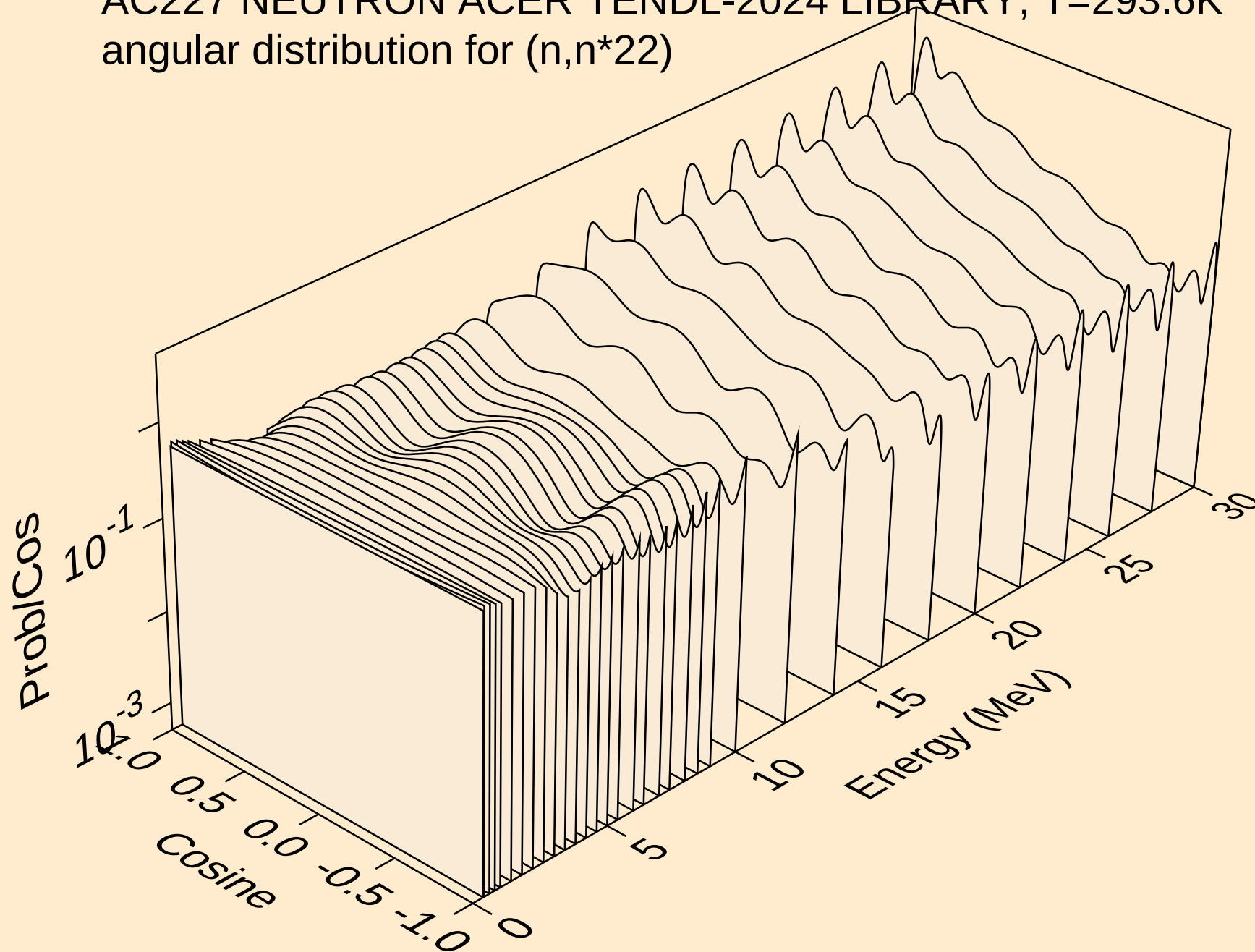
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



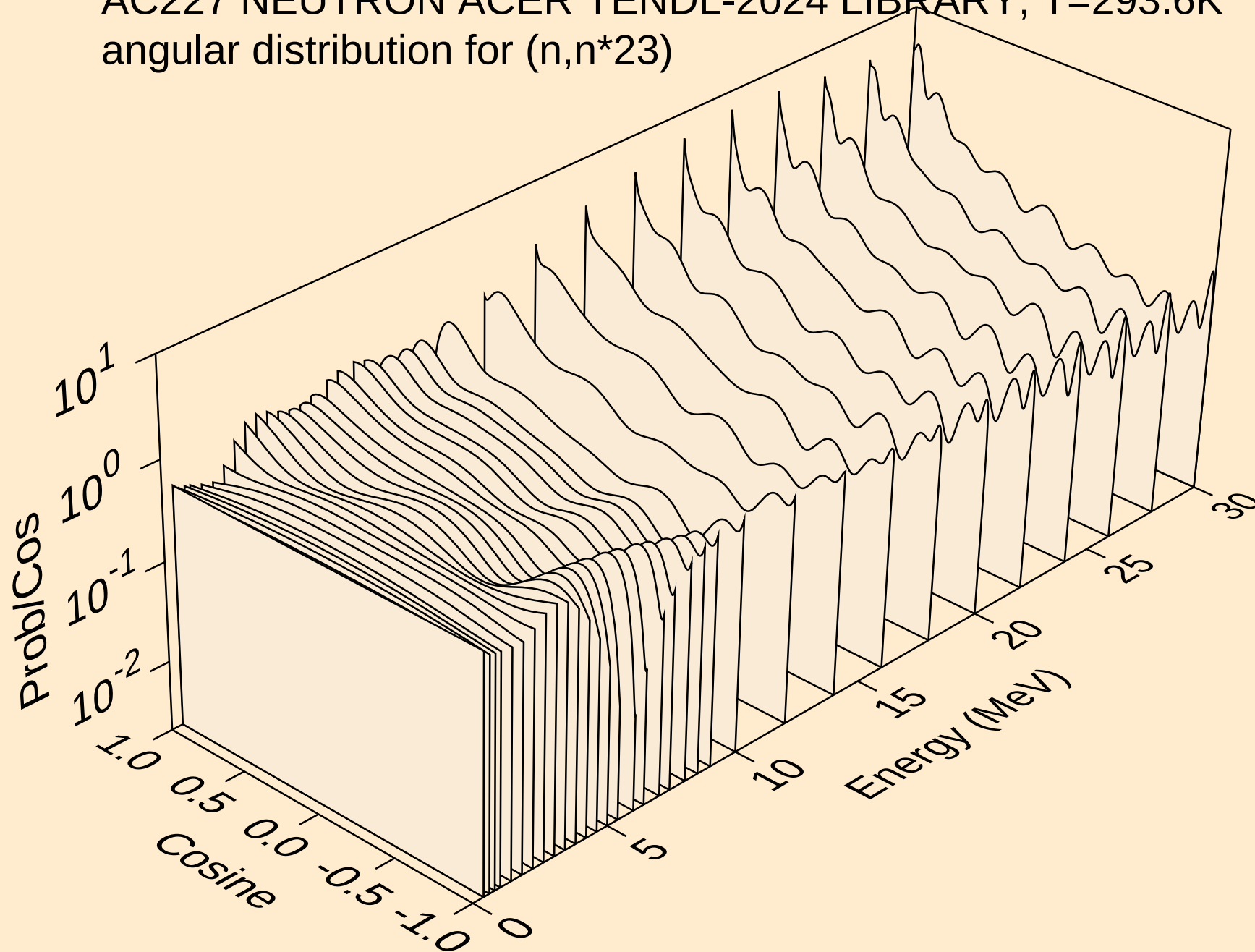
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



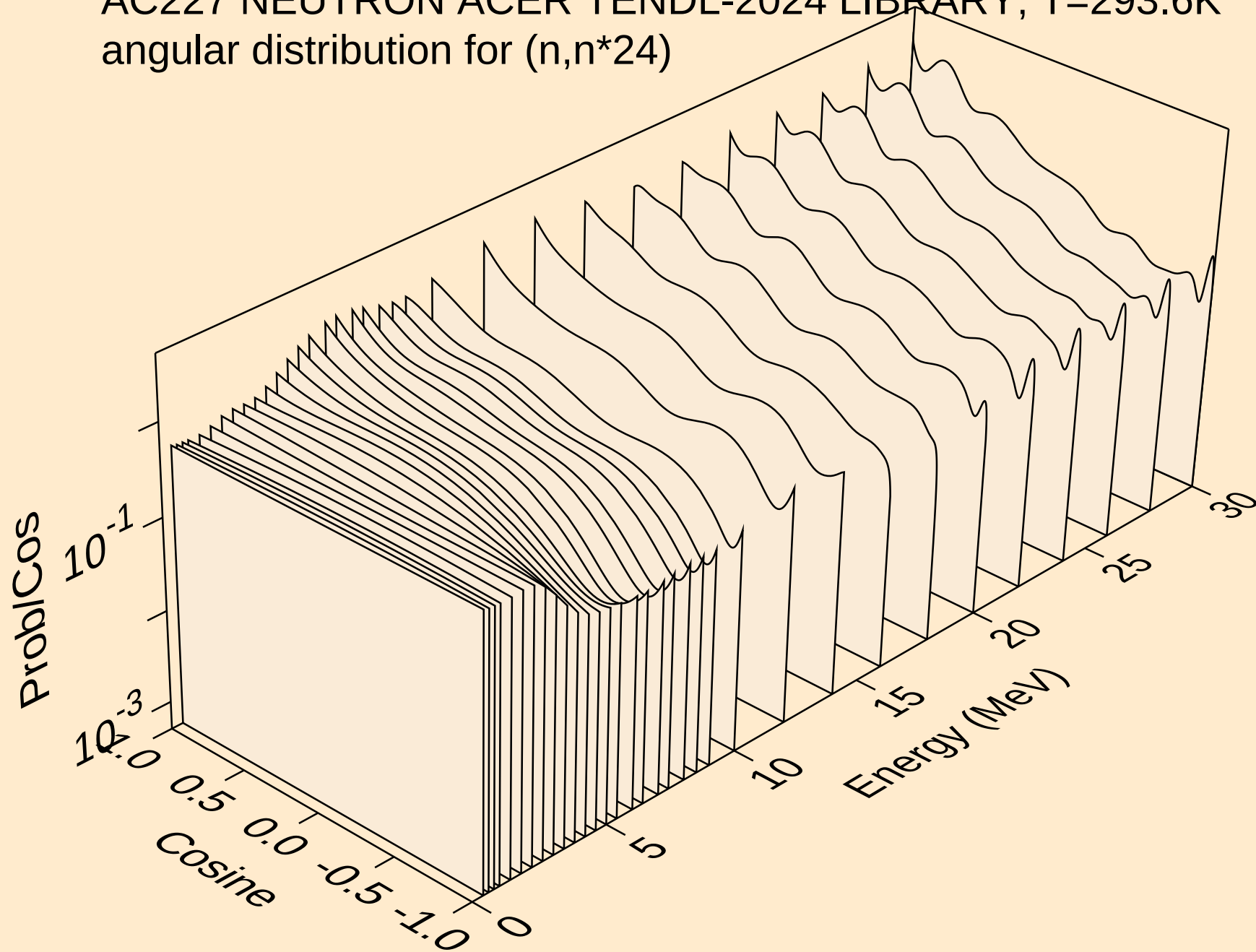
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angular distribution for (n,n\*22)



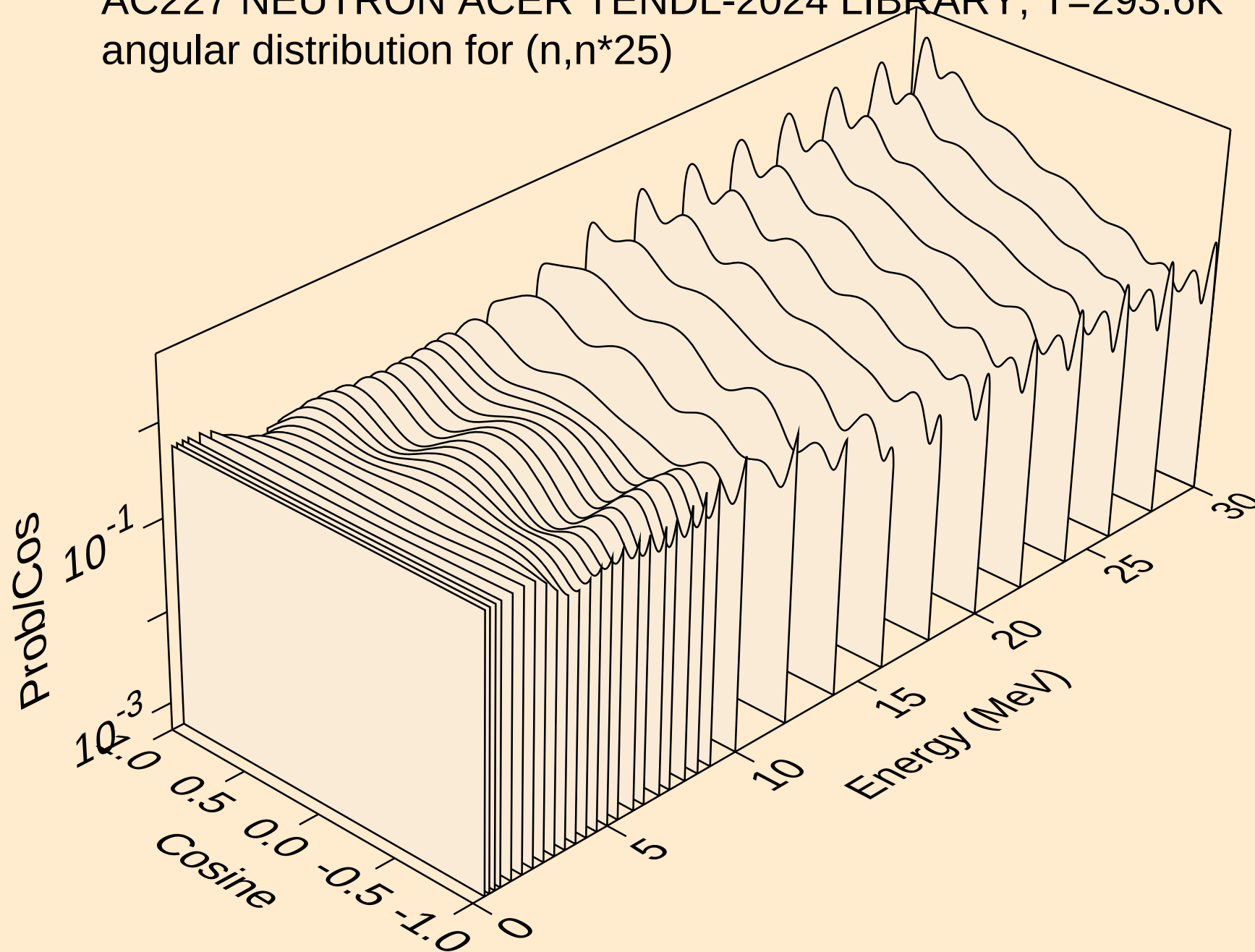
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



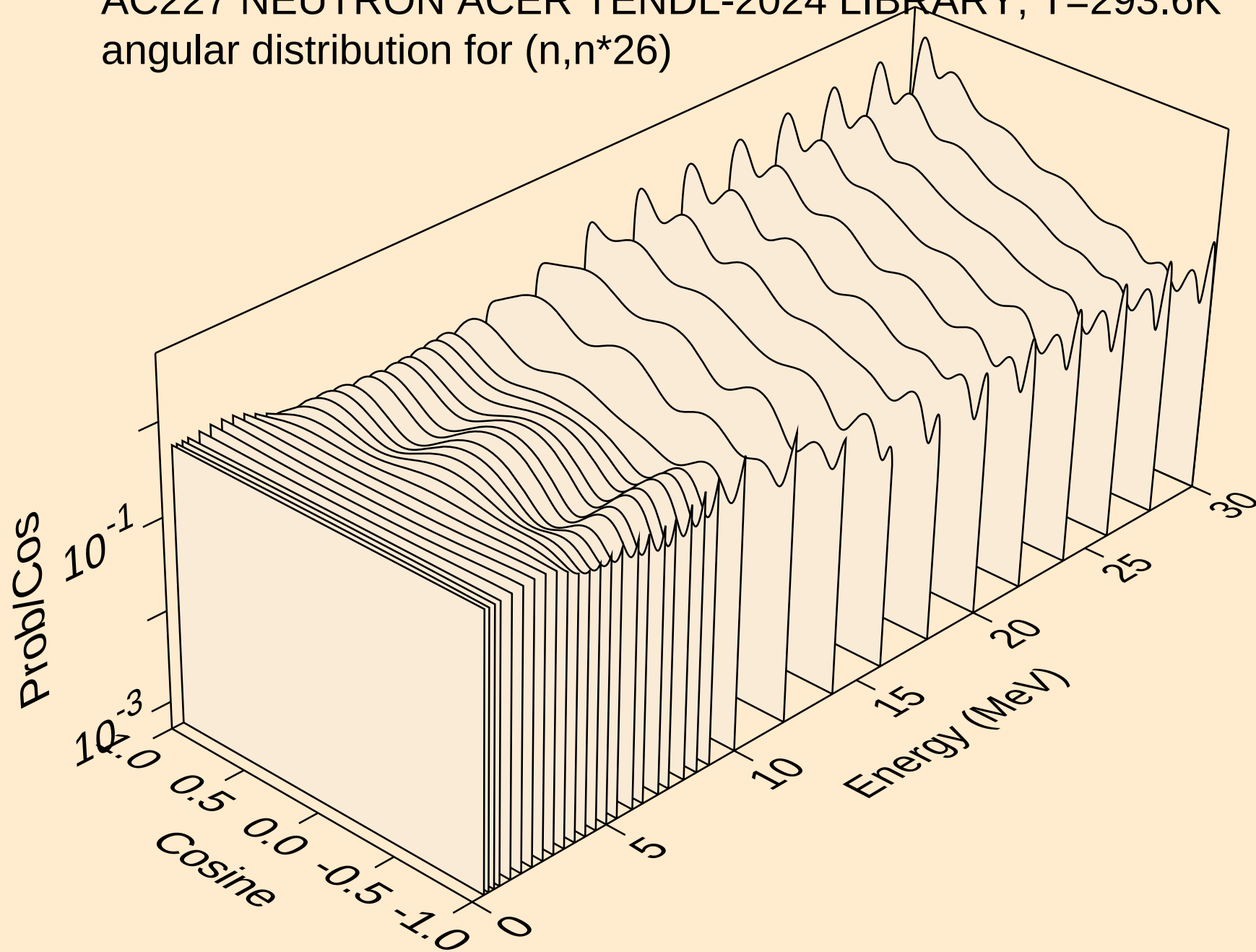
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angular distribution for (n,n\*24)



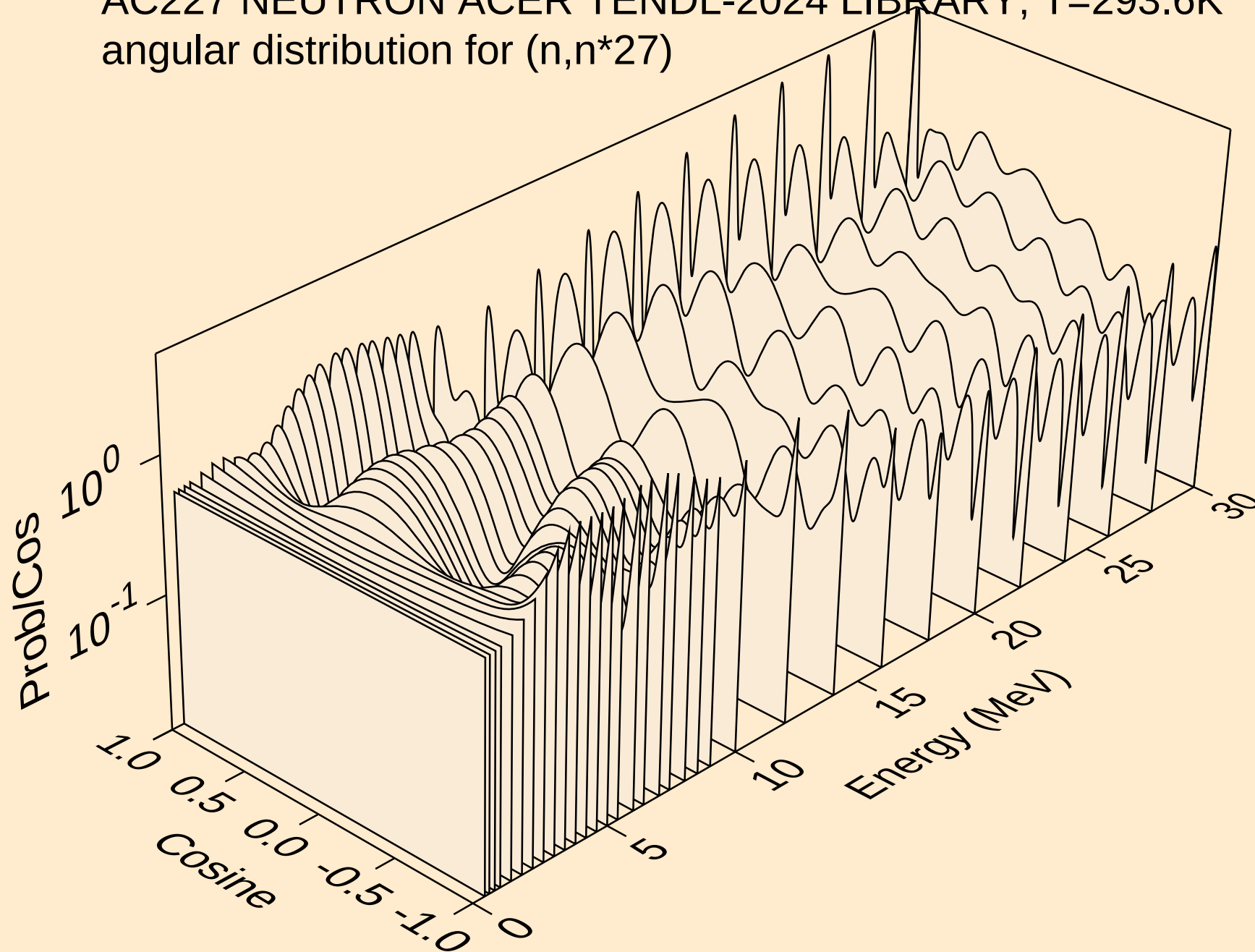
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



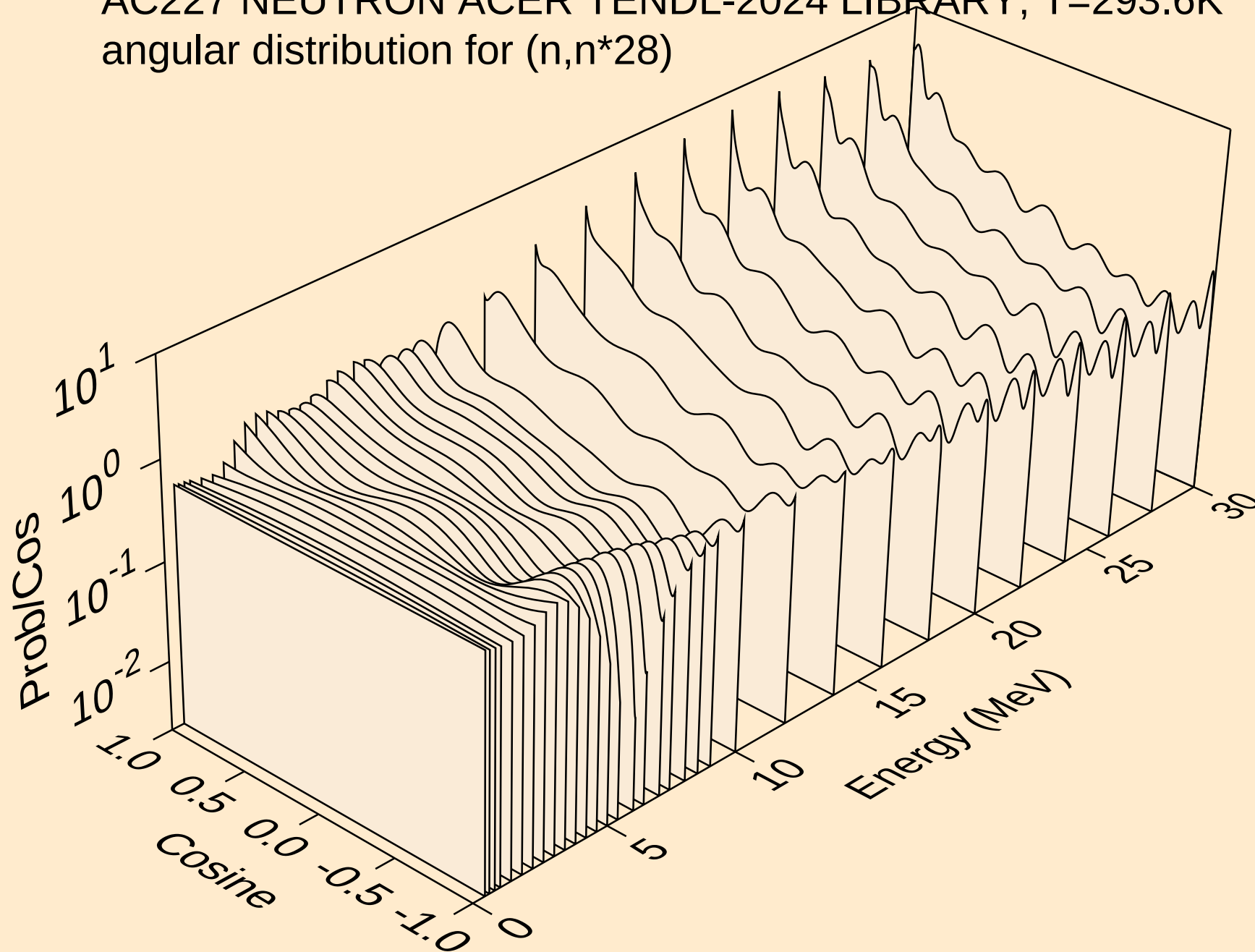
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



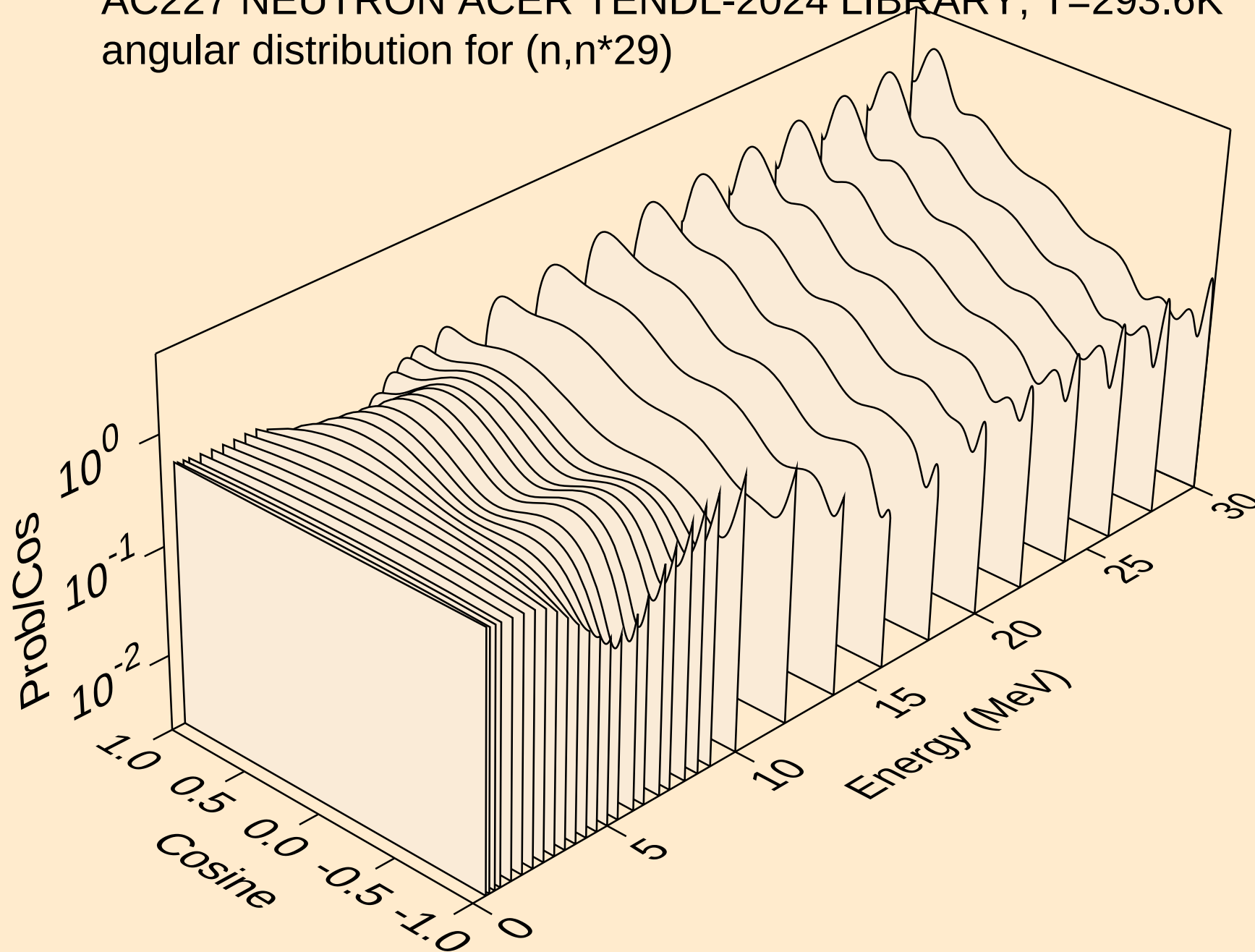
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



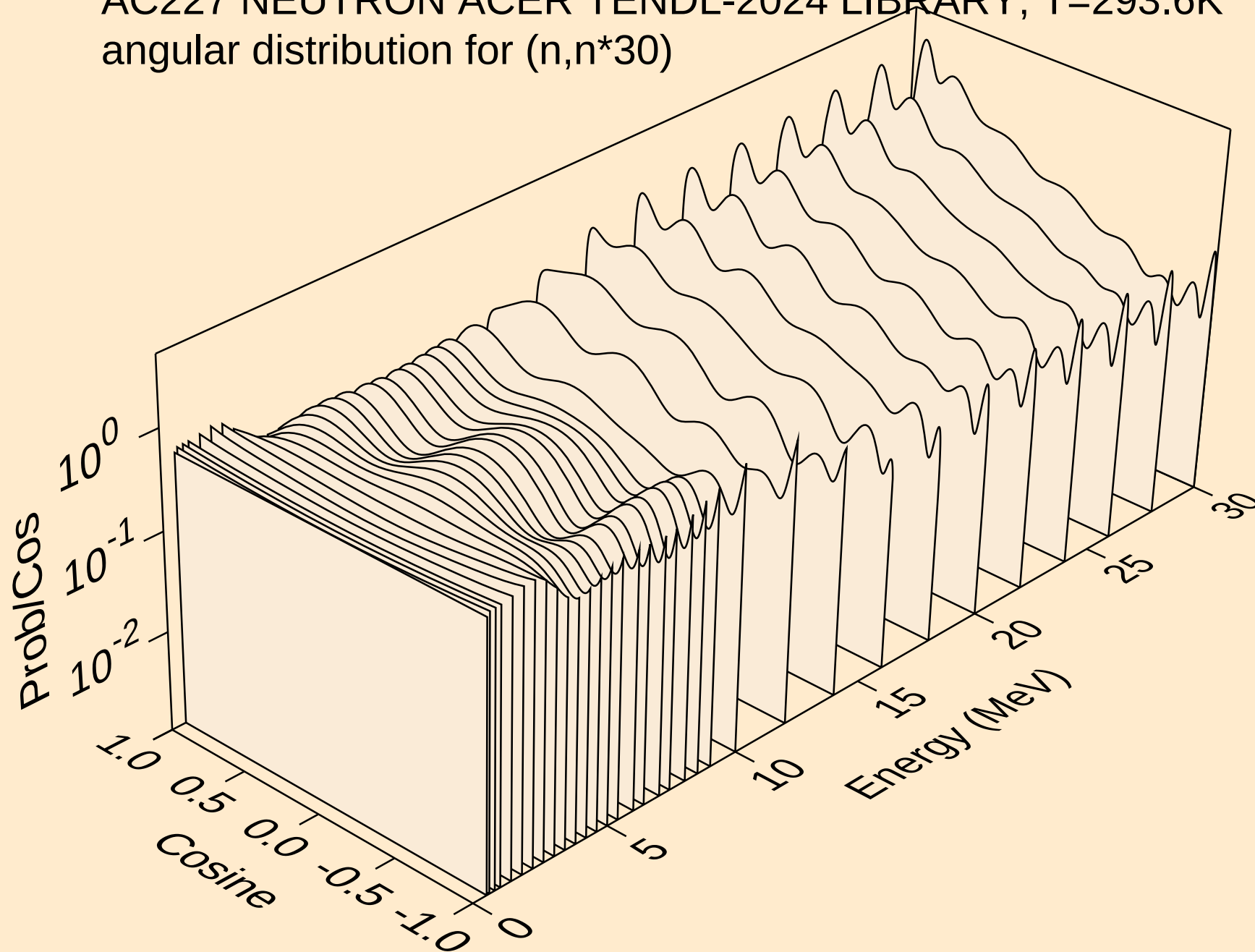
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)

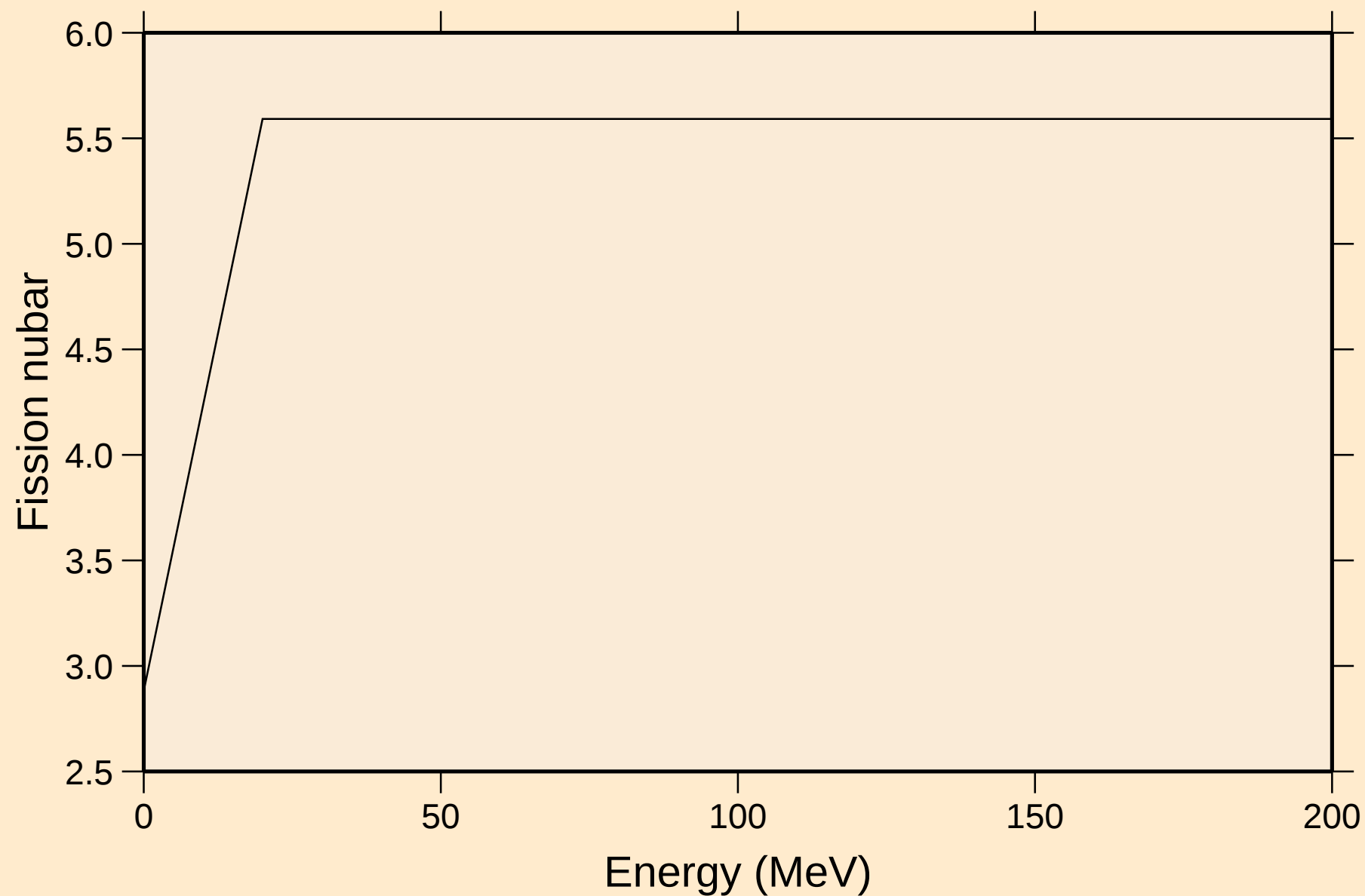


AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)

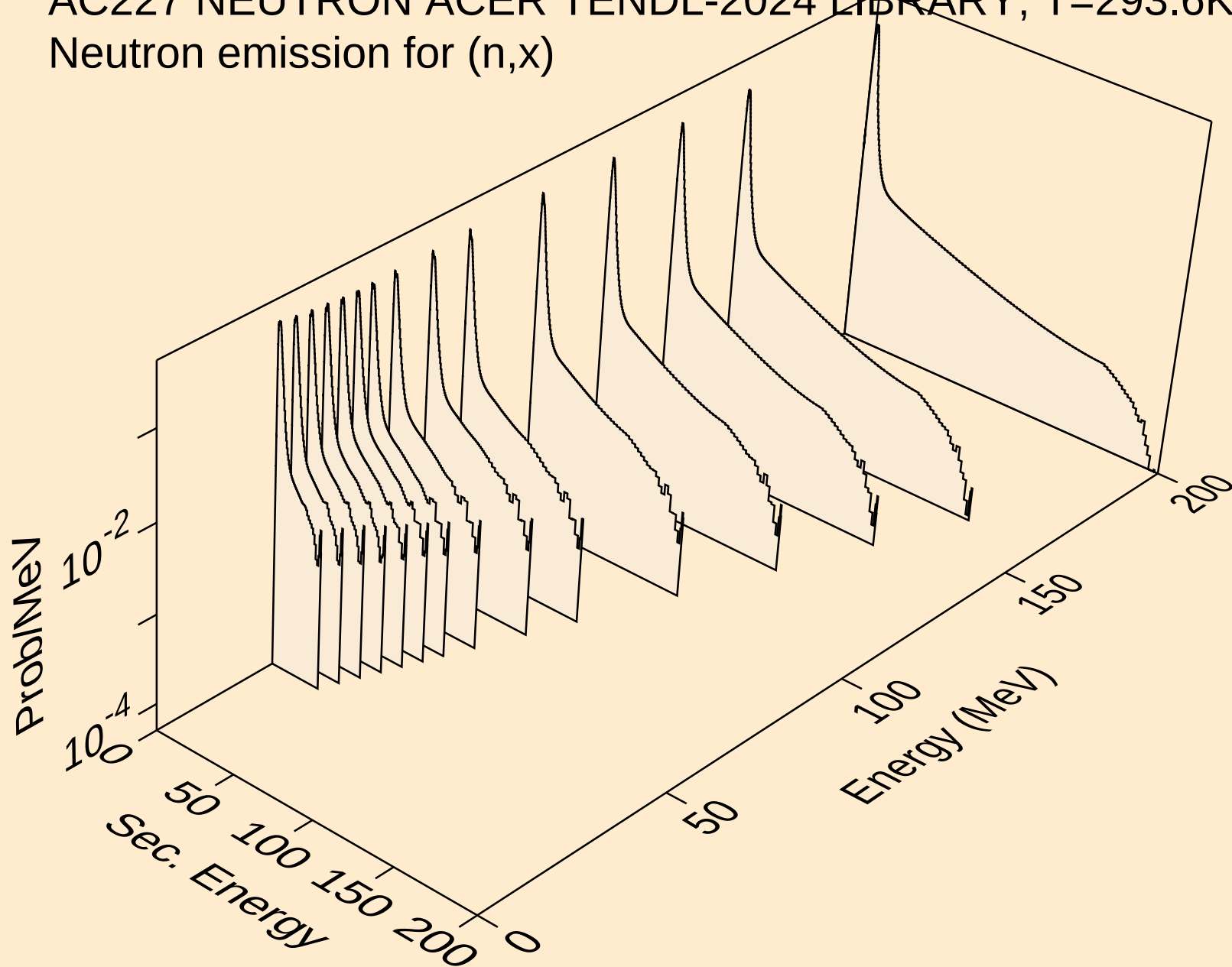


AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

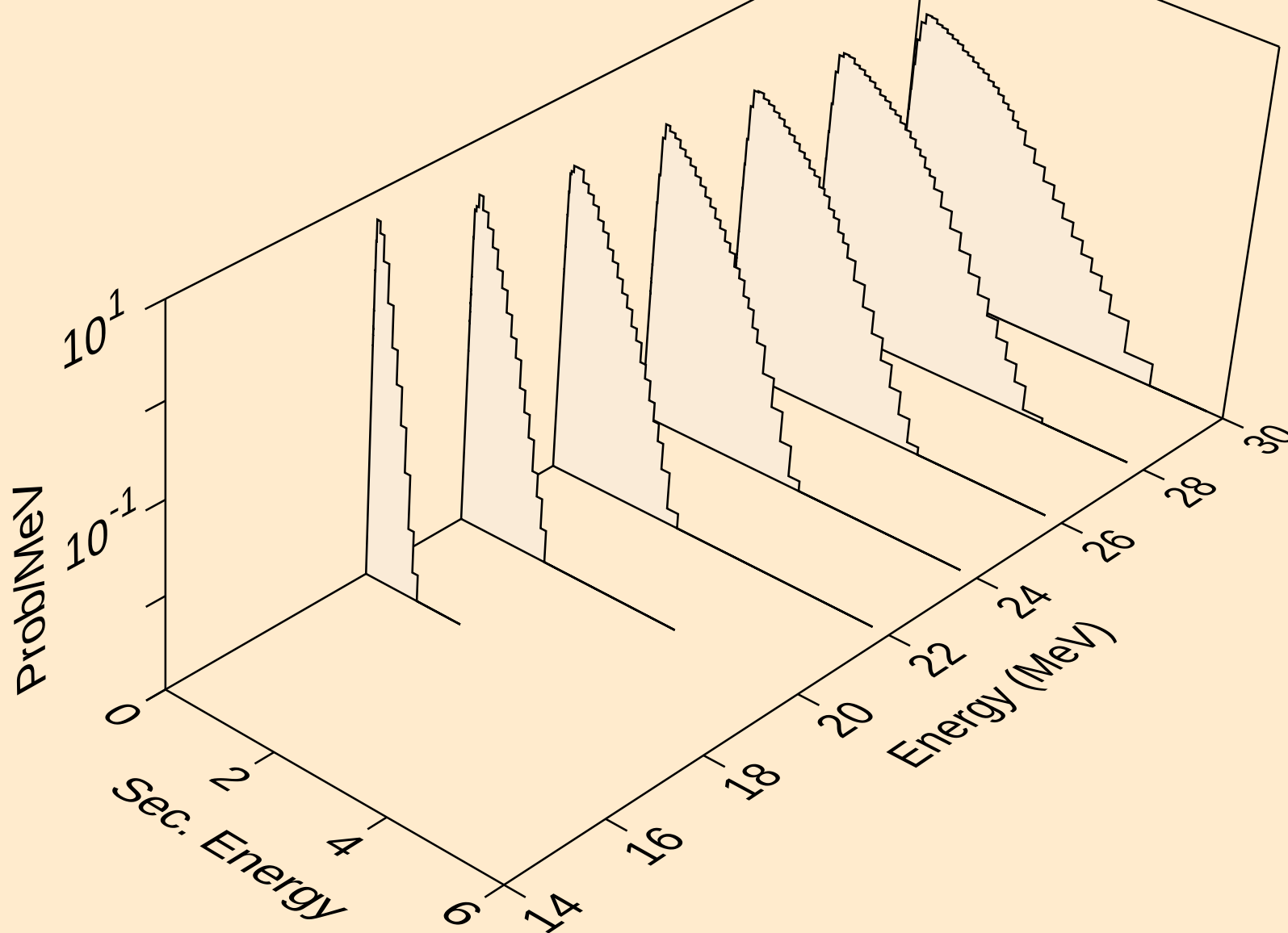
Total fission nubar



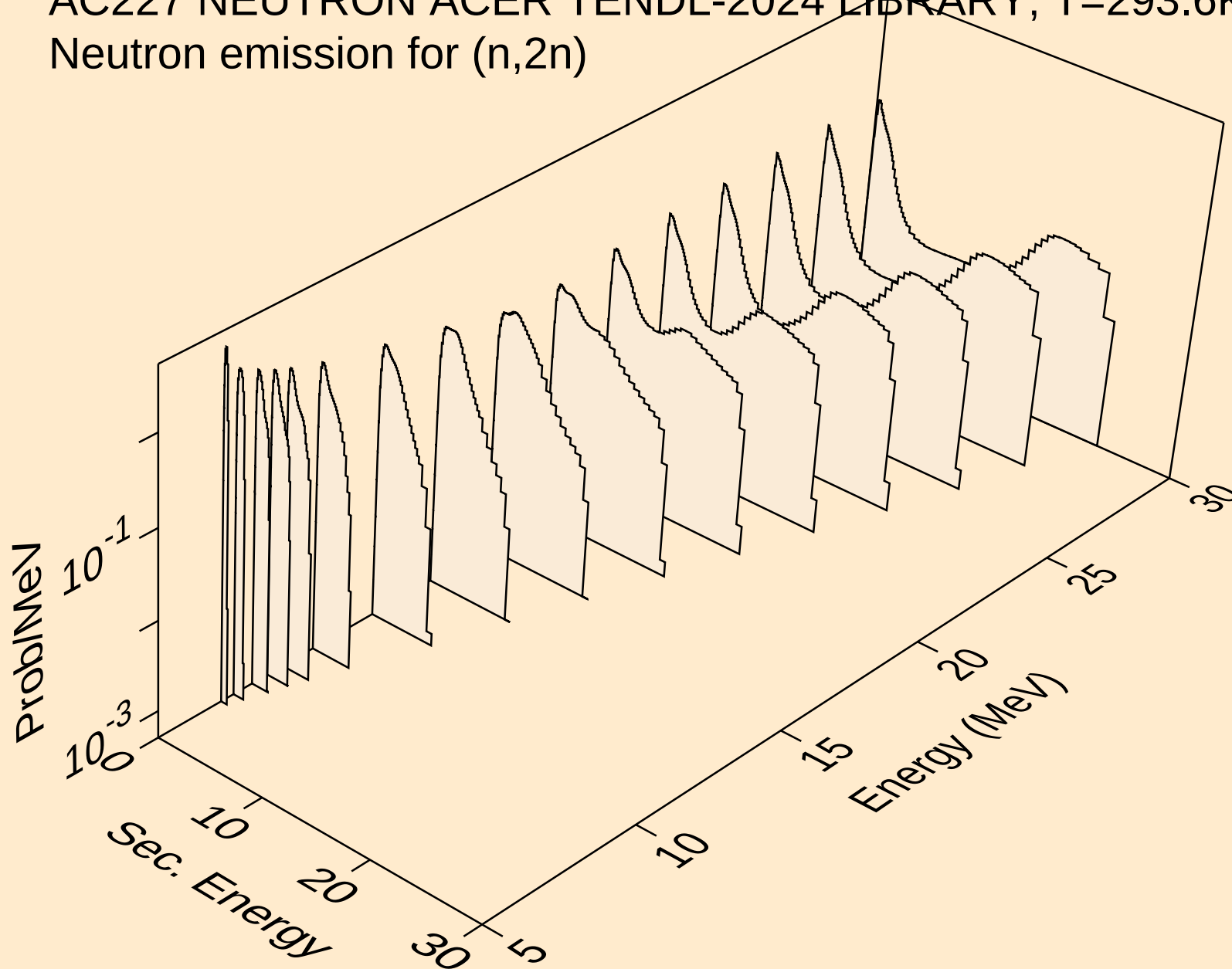
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



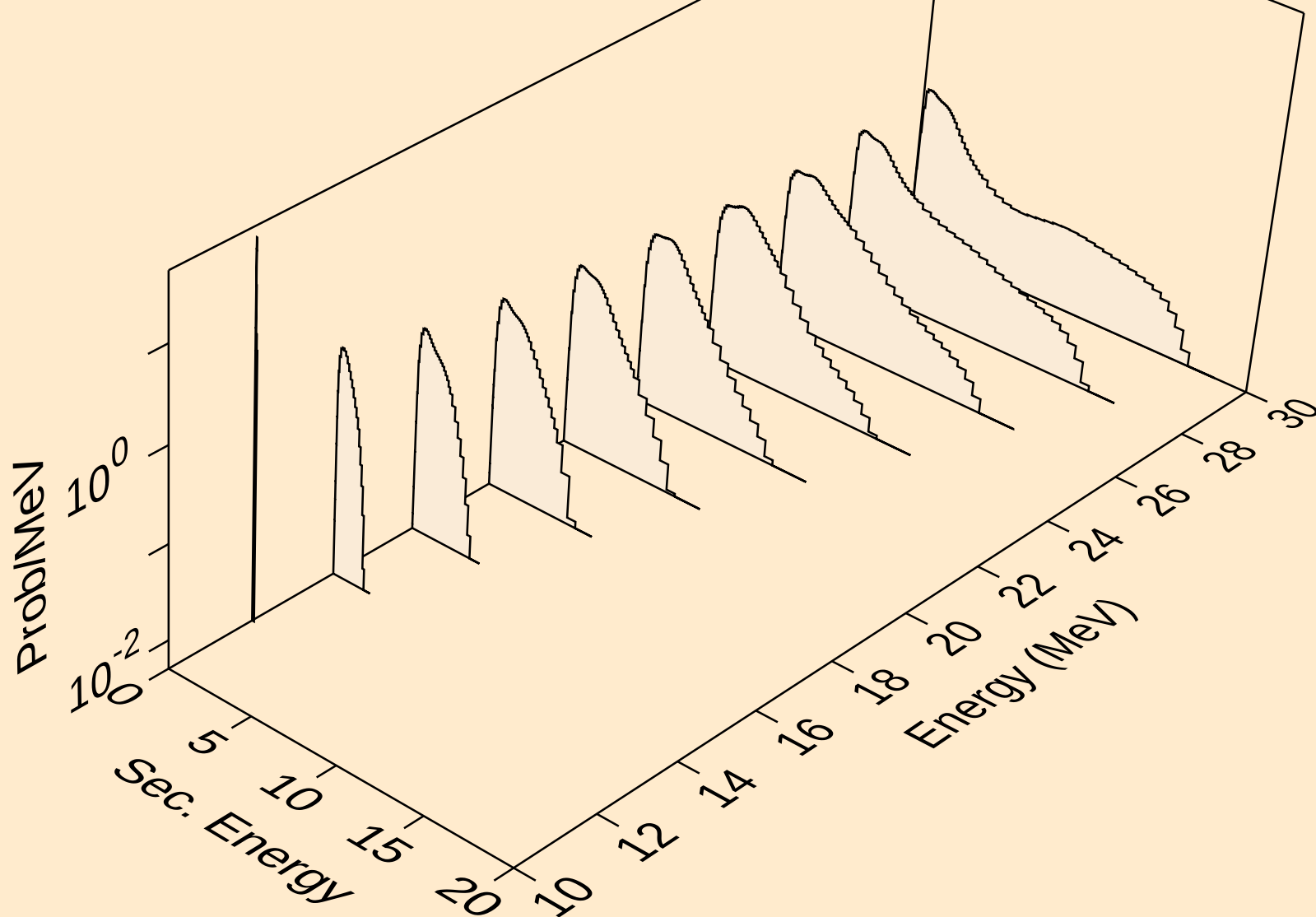
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



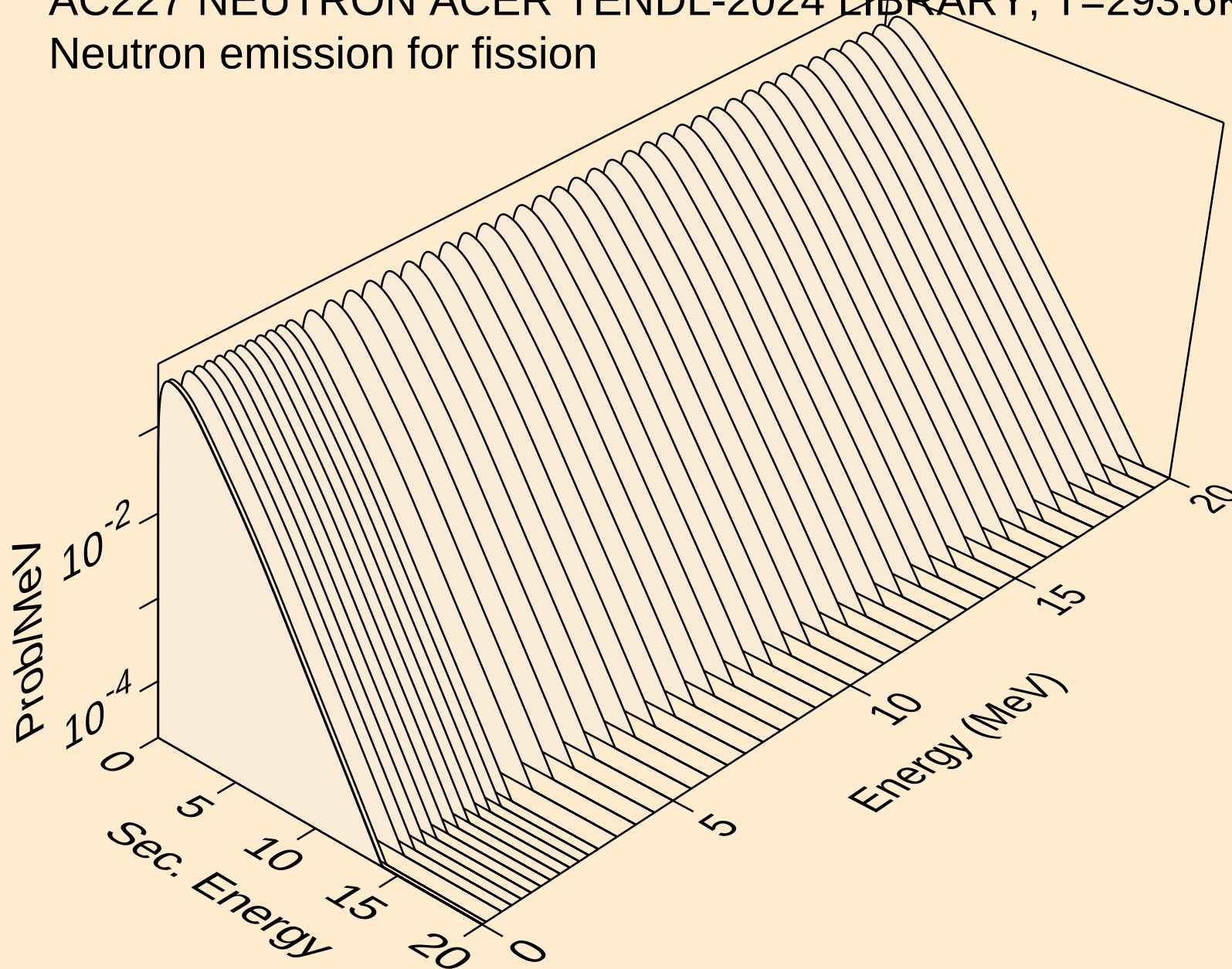
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



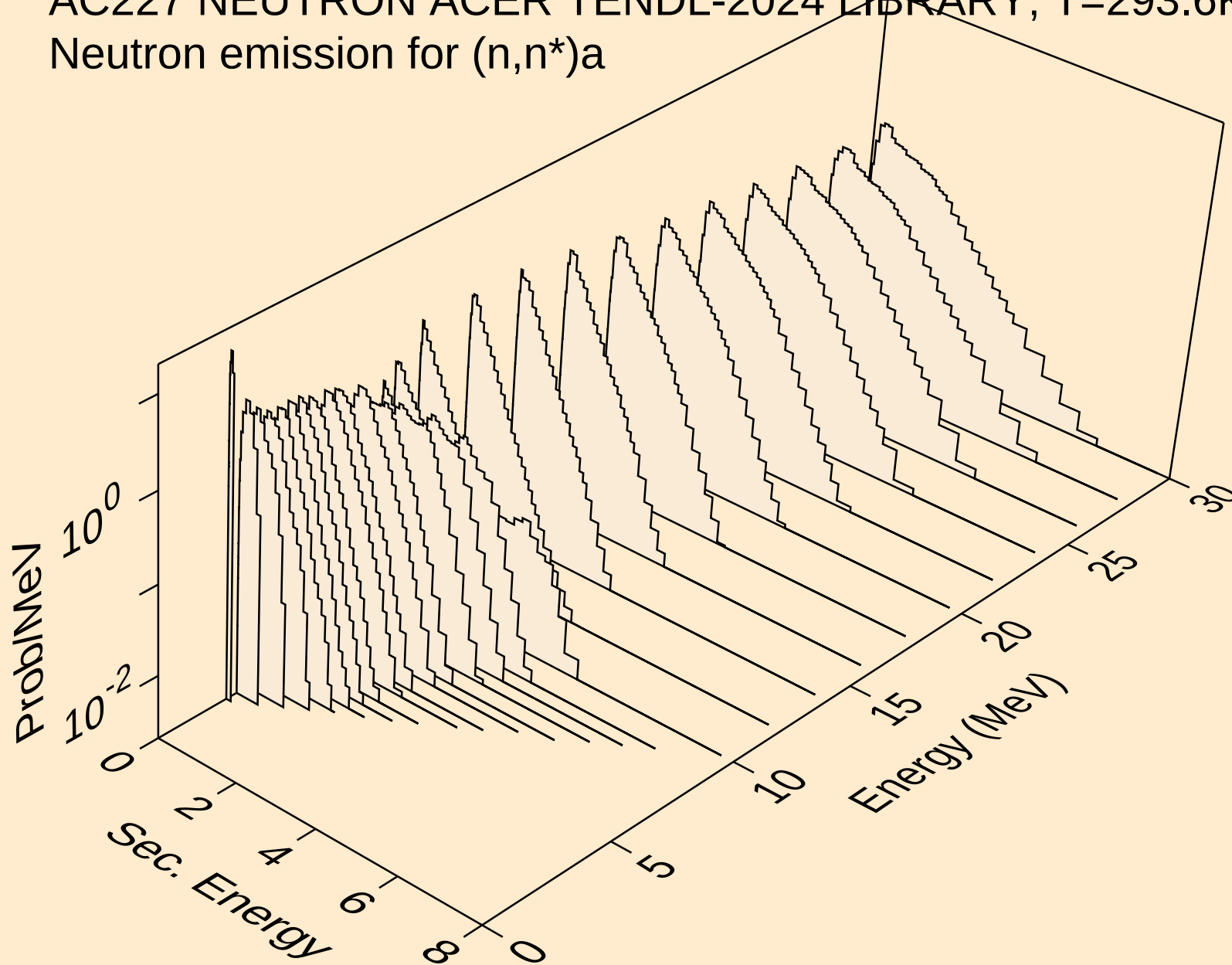
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



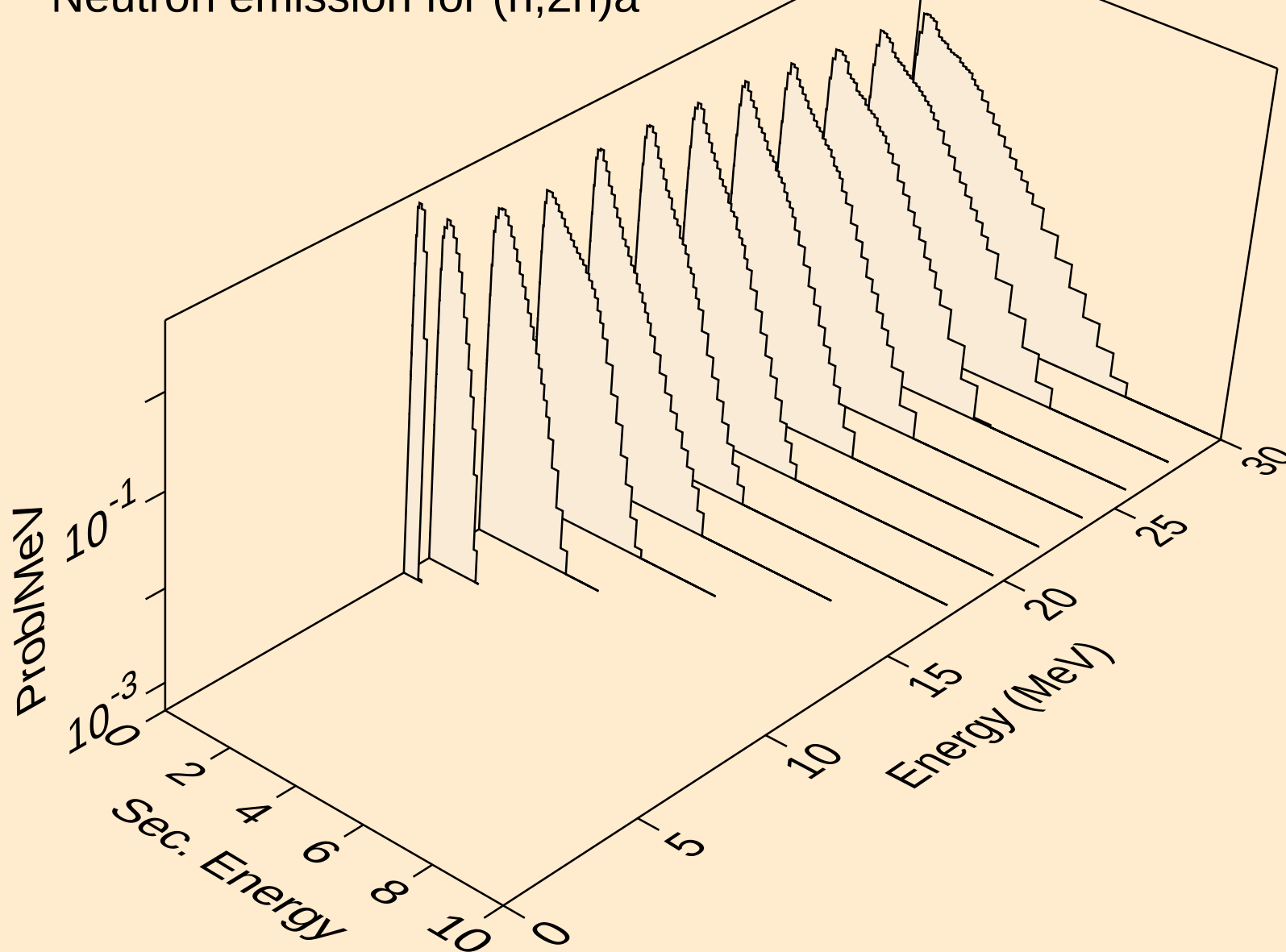
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for fission



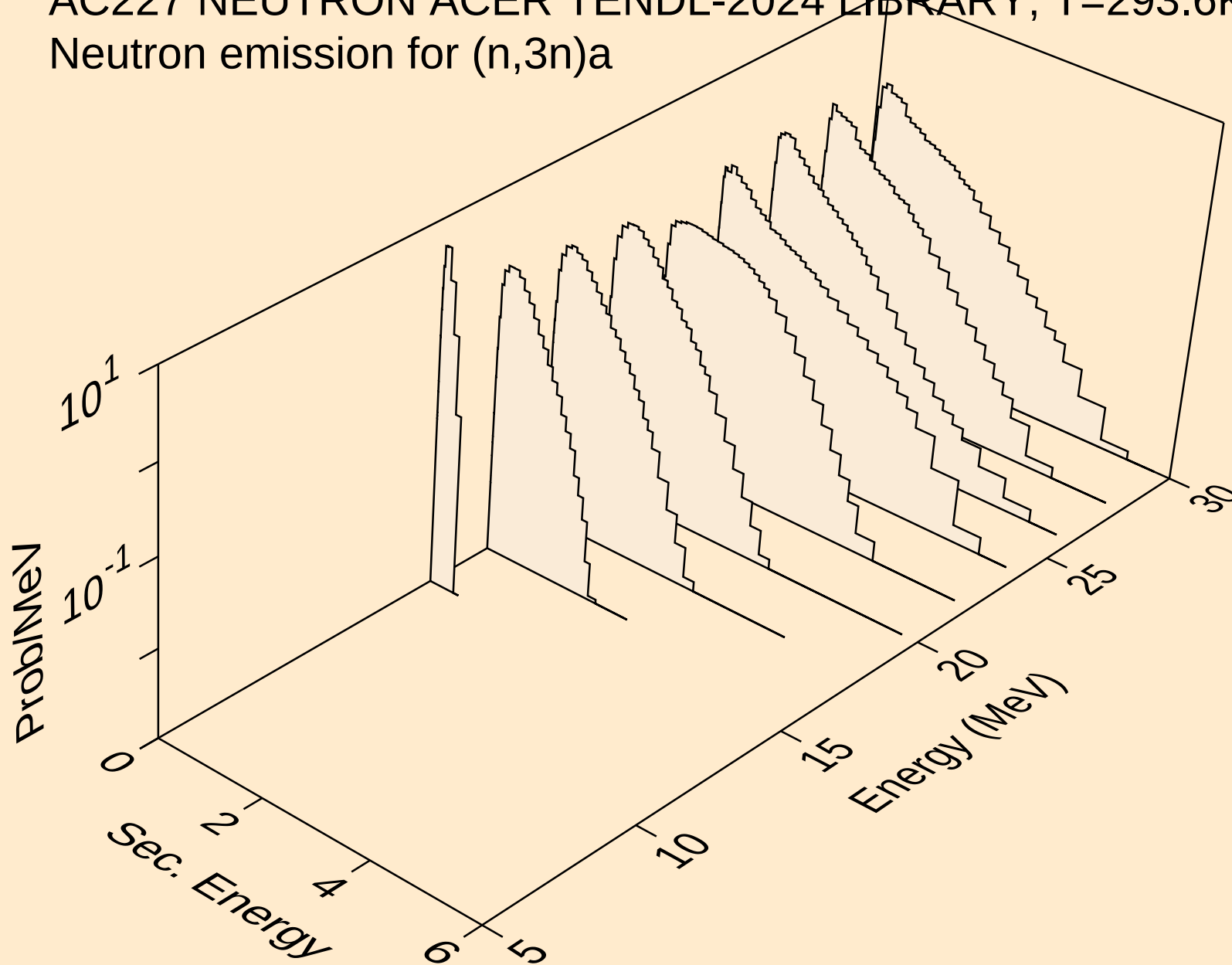
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



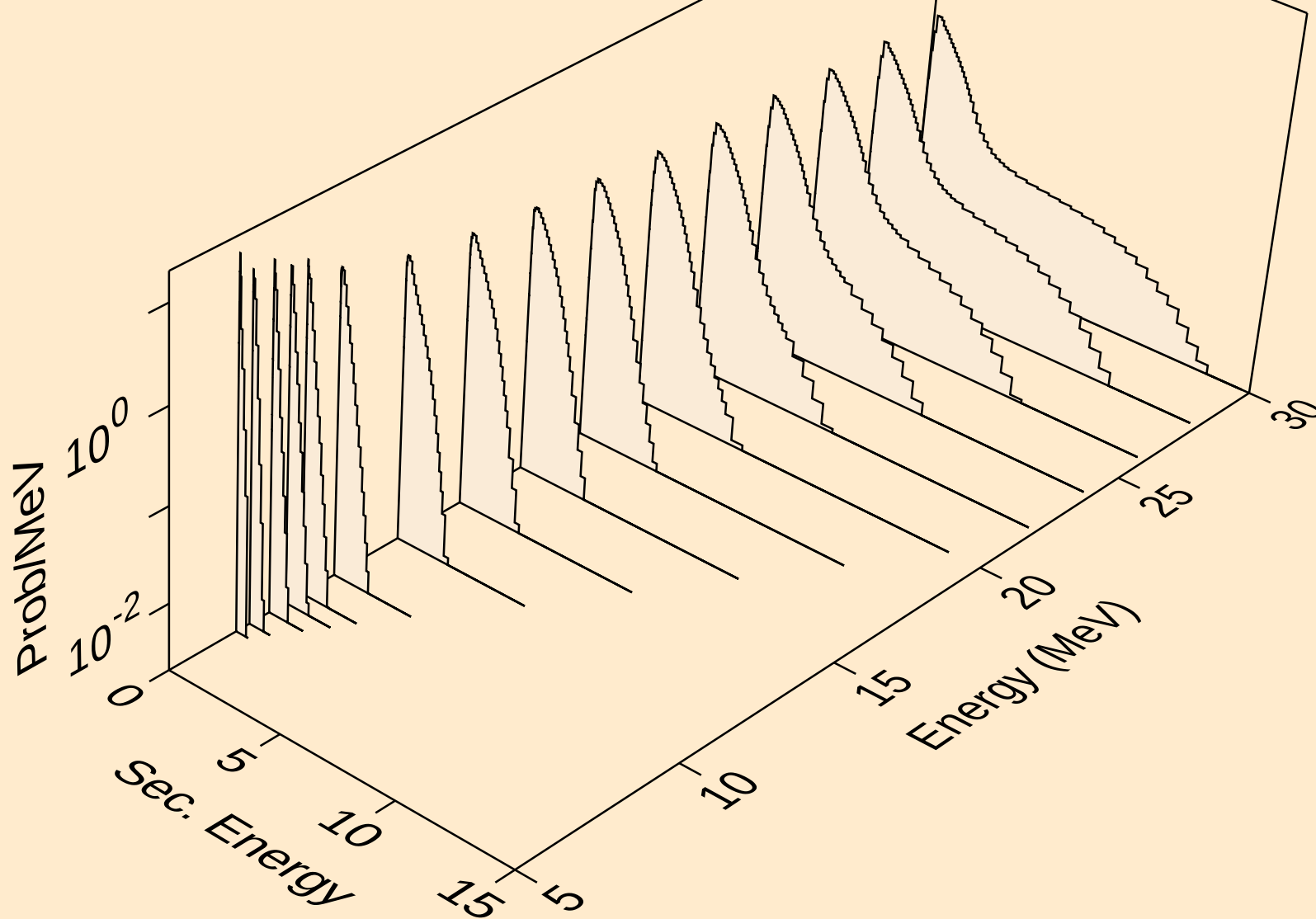
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



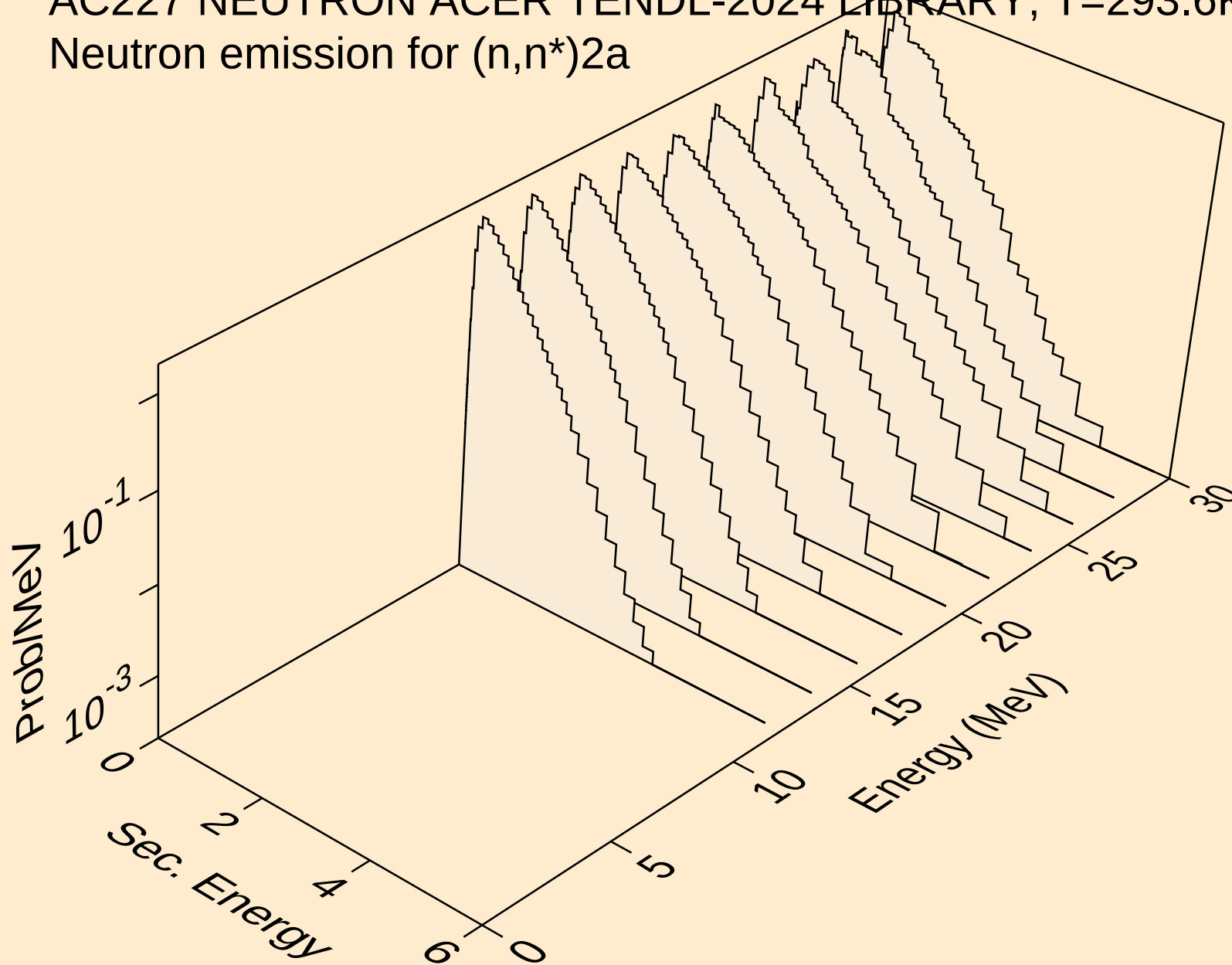
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n) $\alpha$



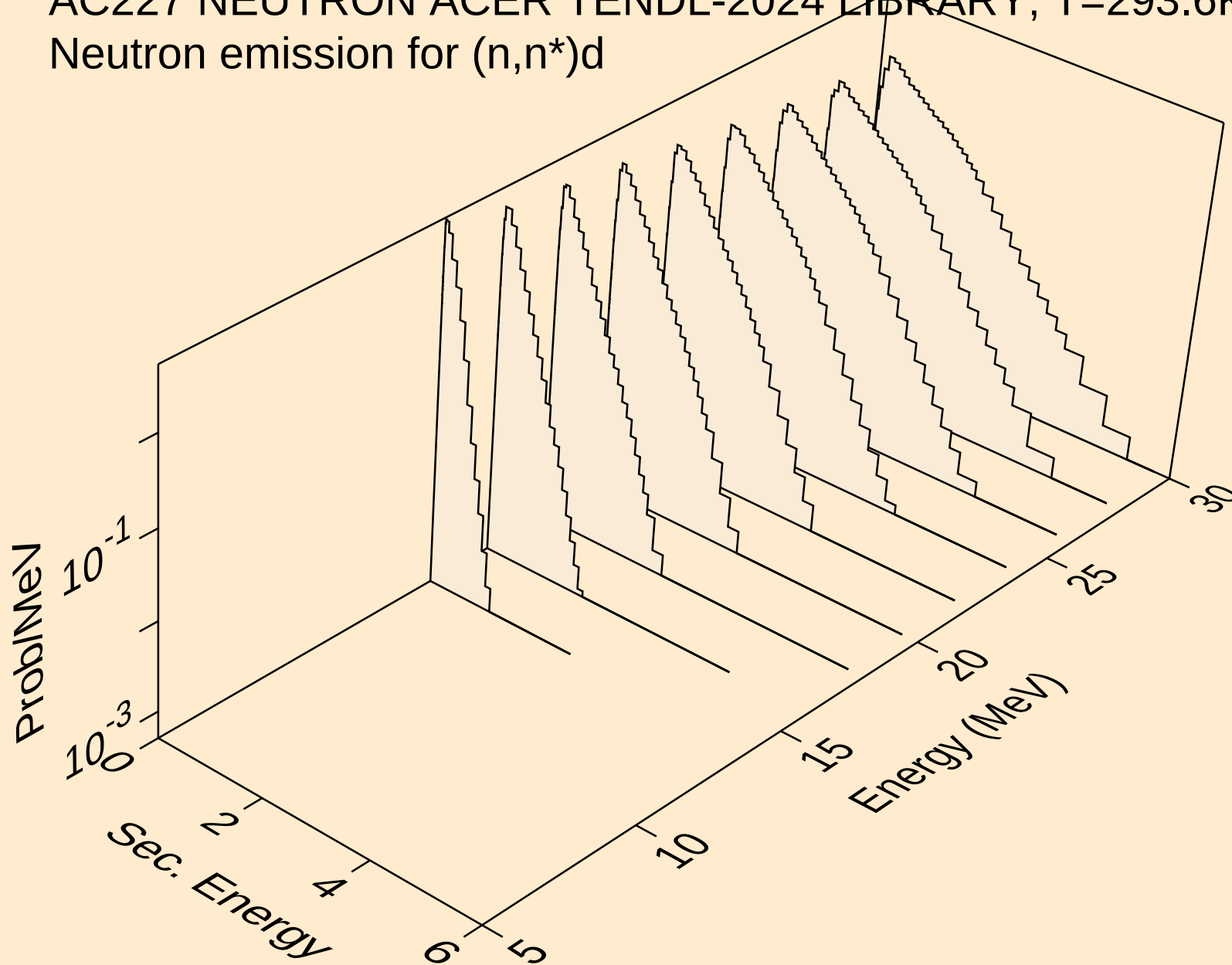
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



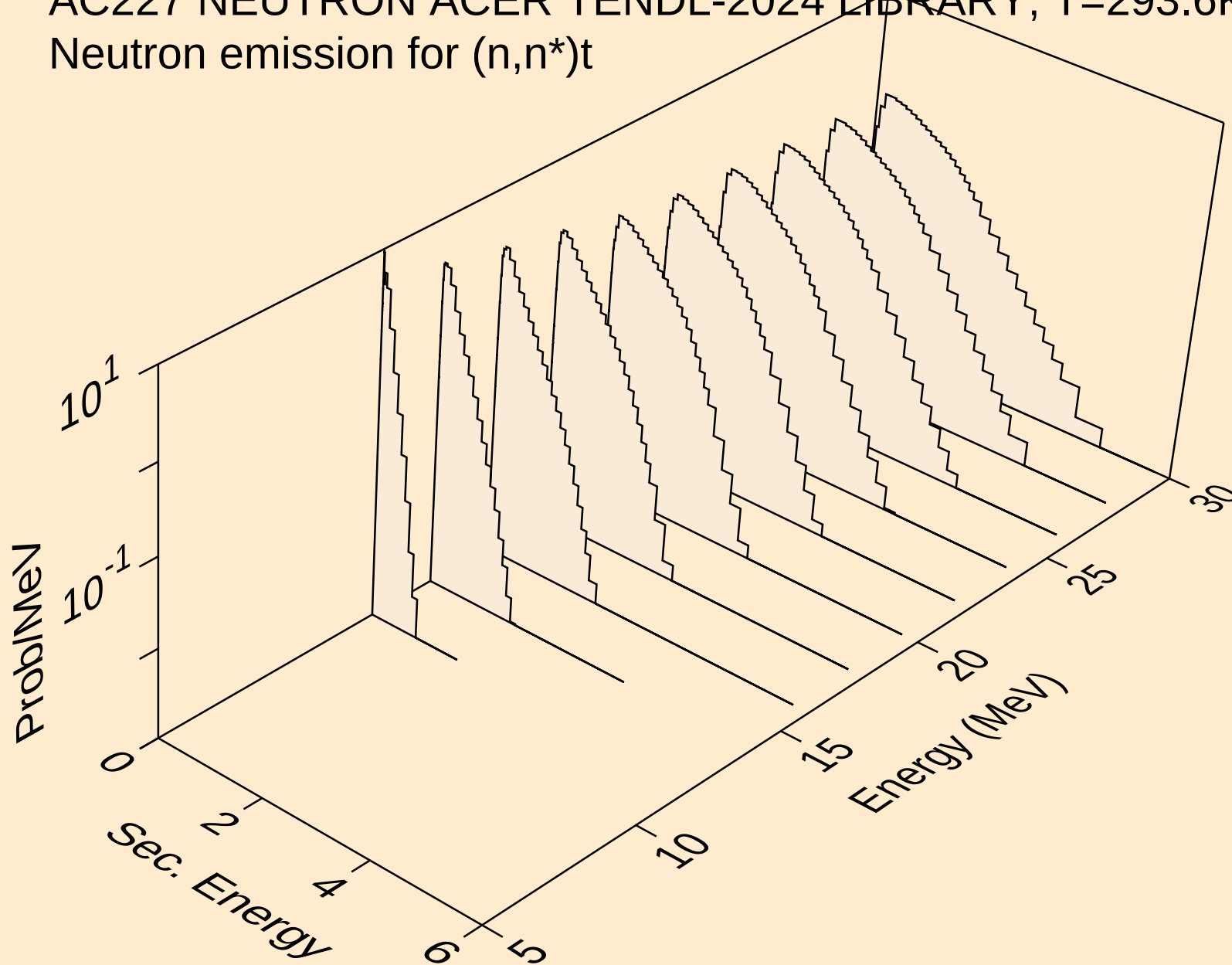
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



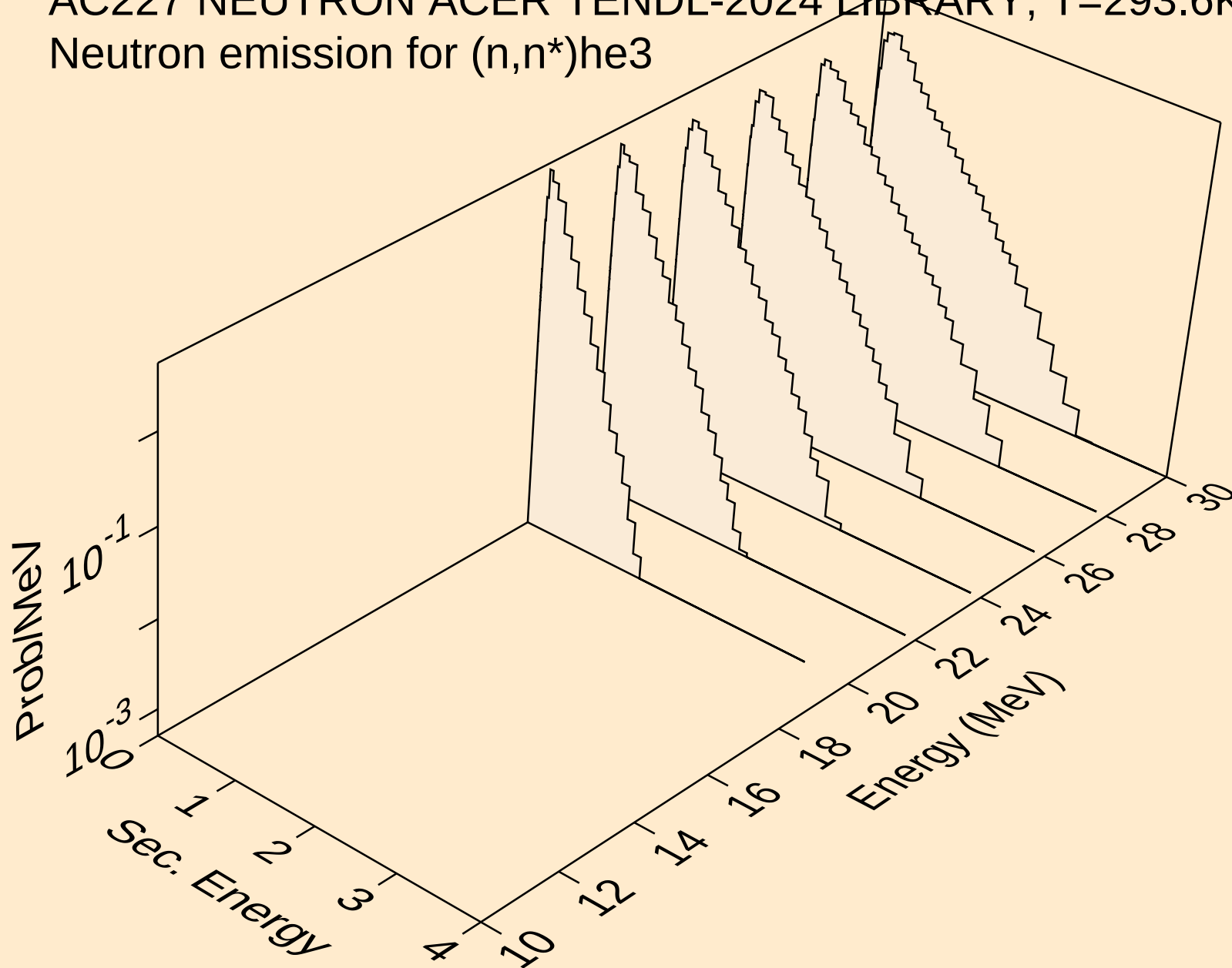
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



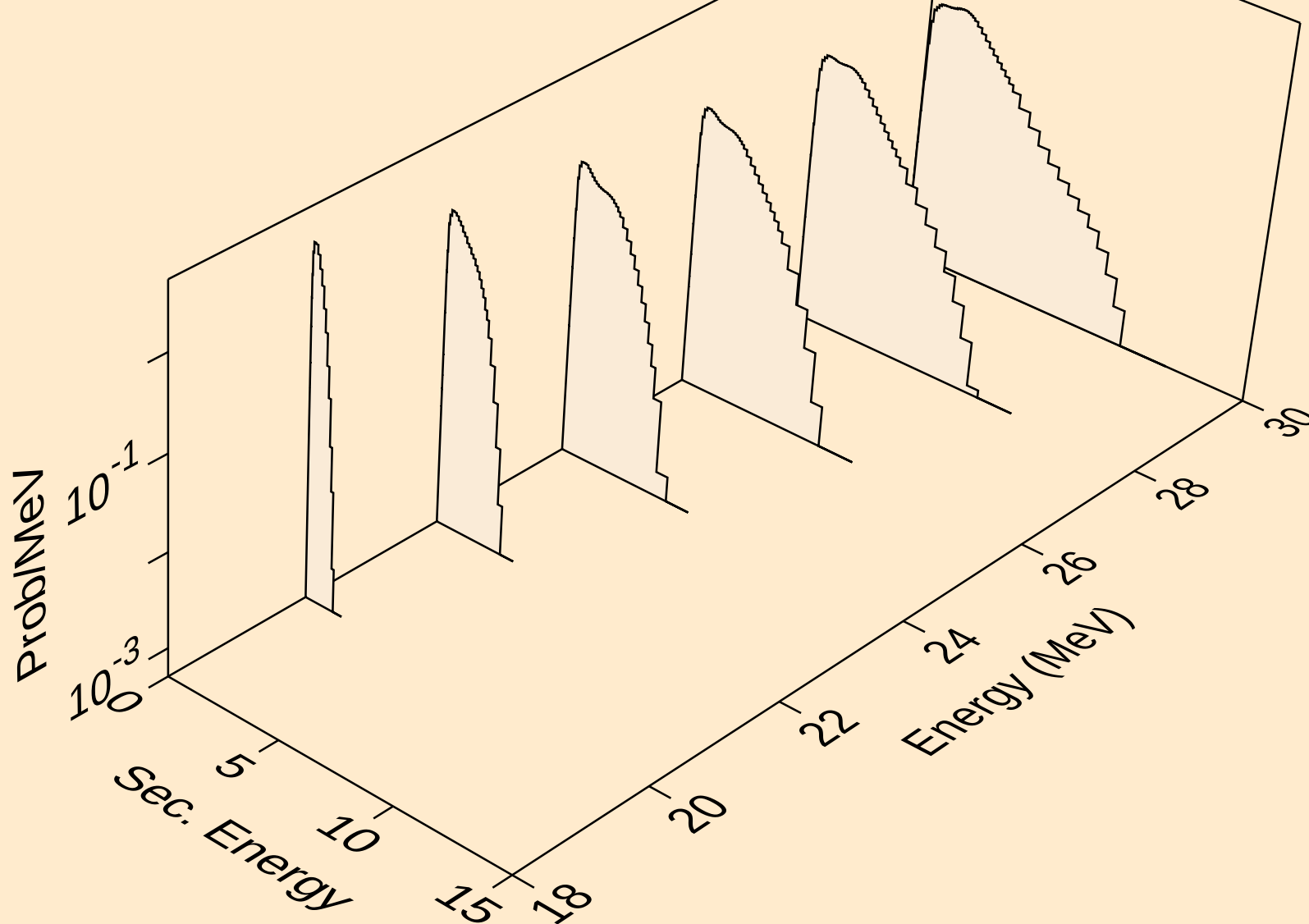
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



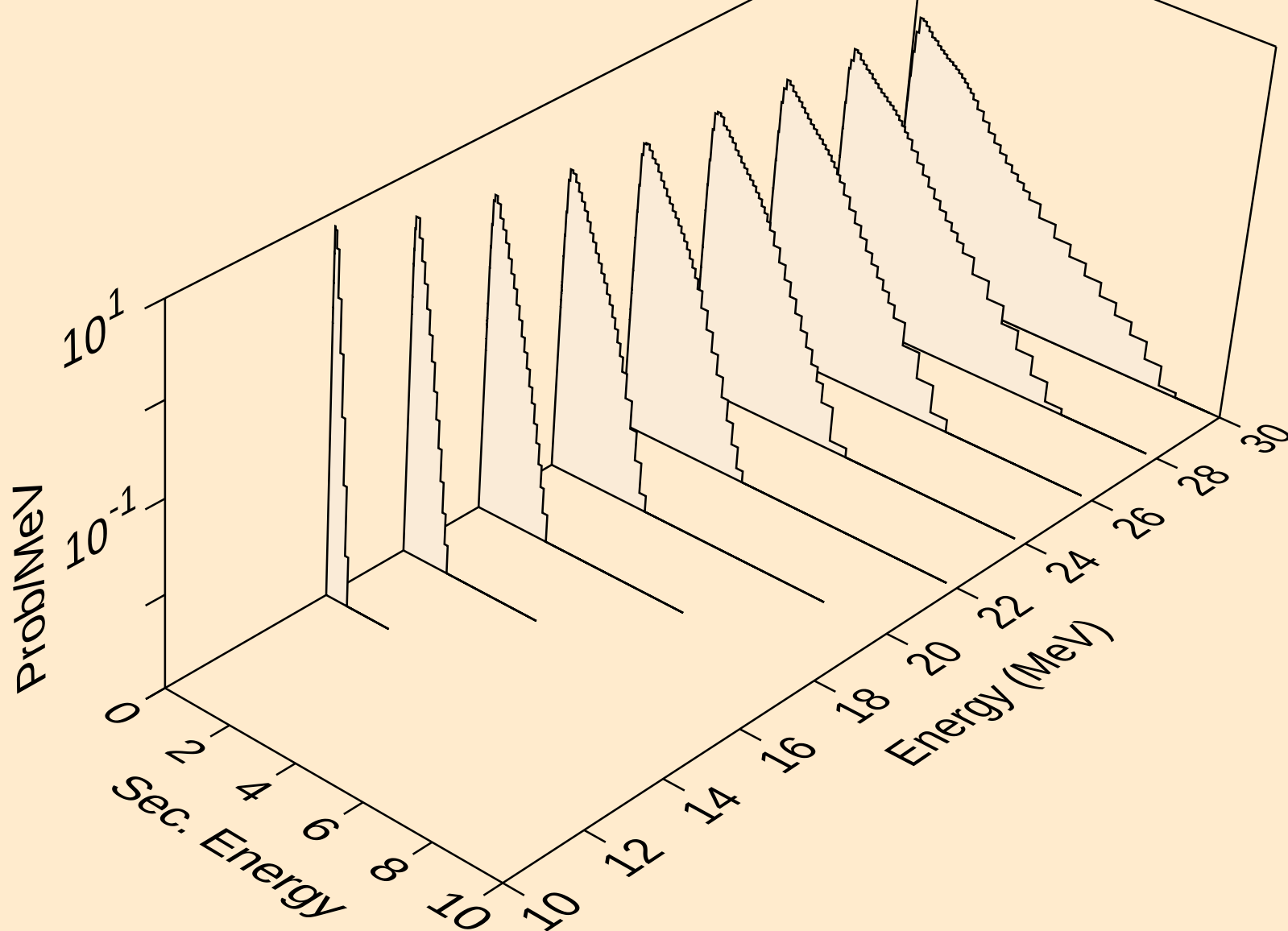
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



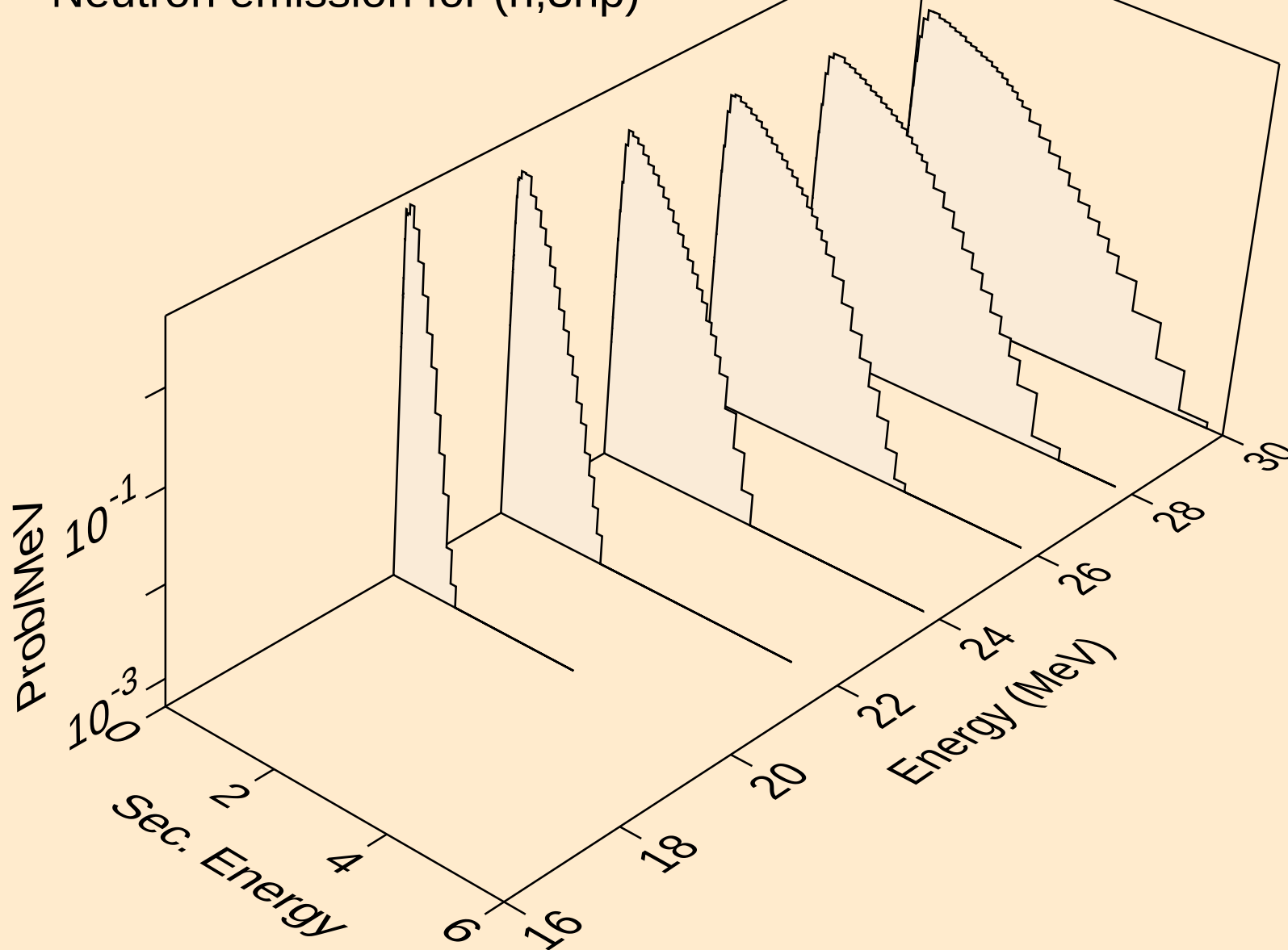
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



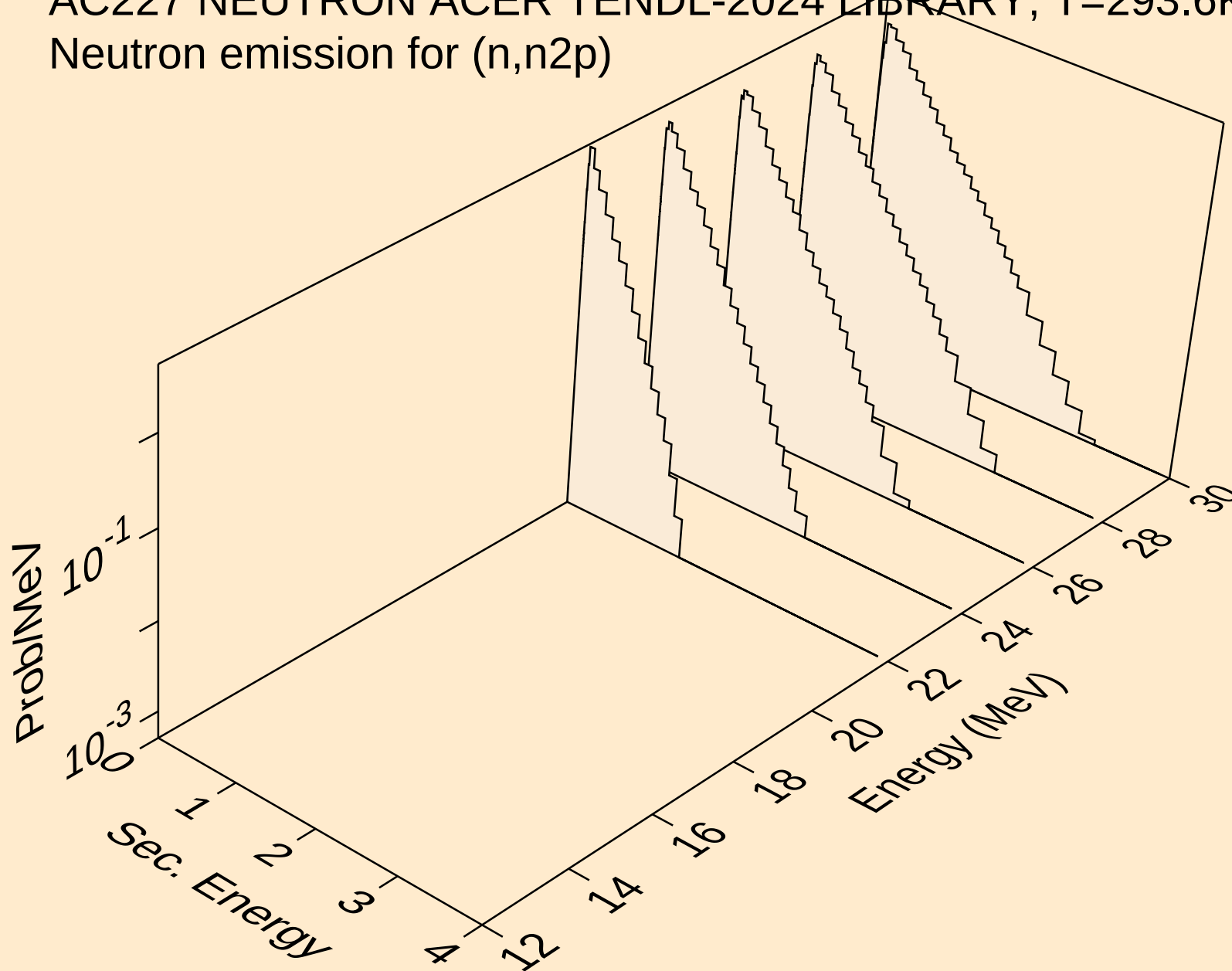
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



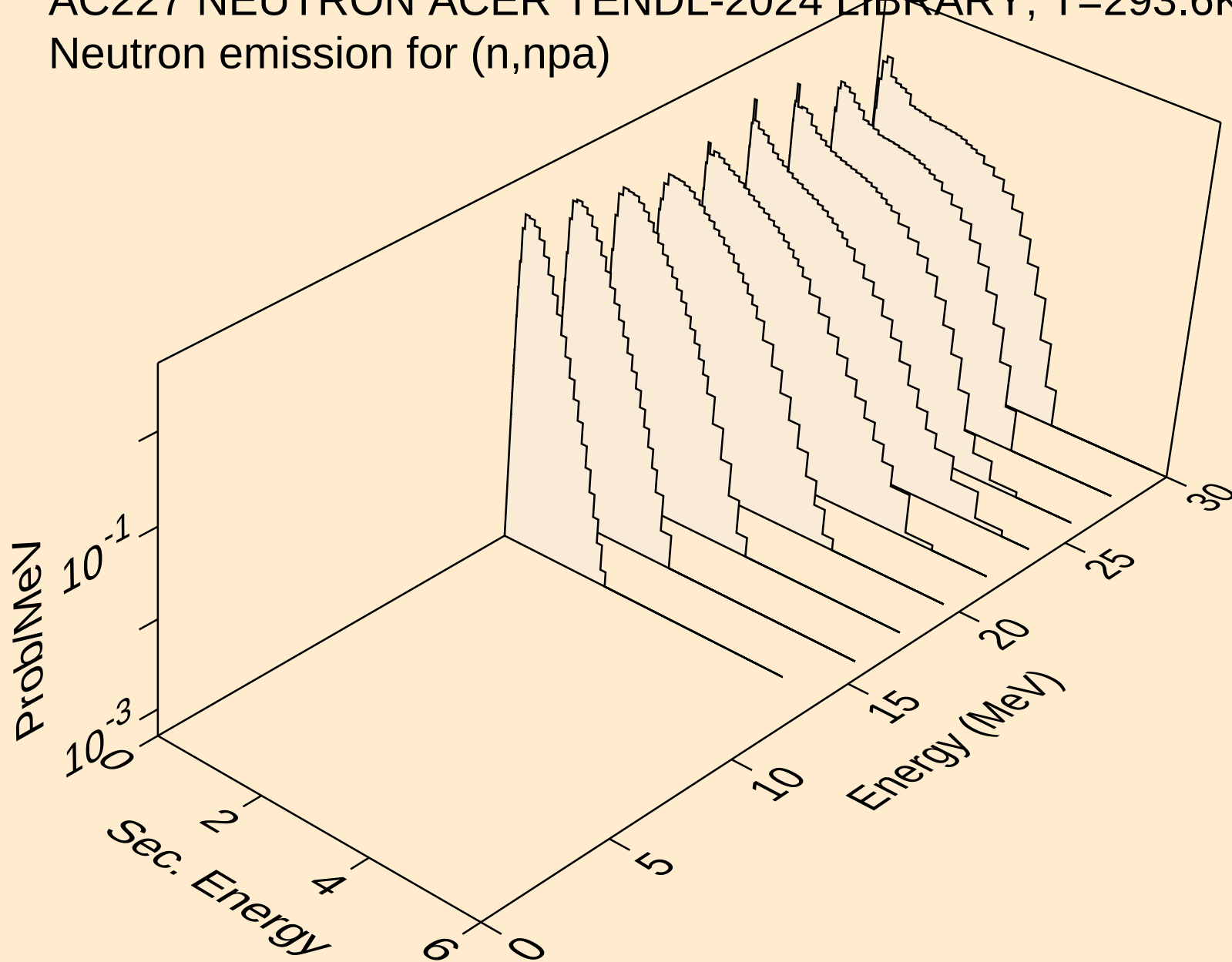
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Neutron emission for (n,3np)



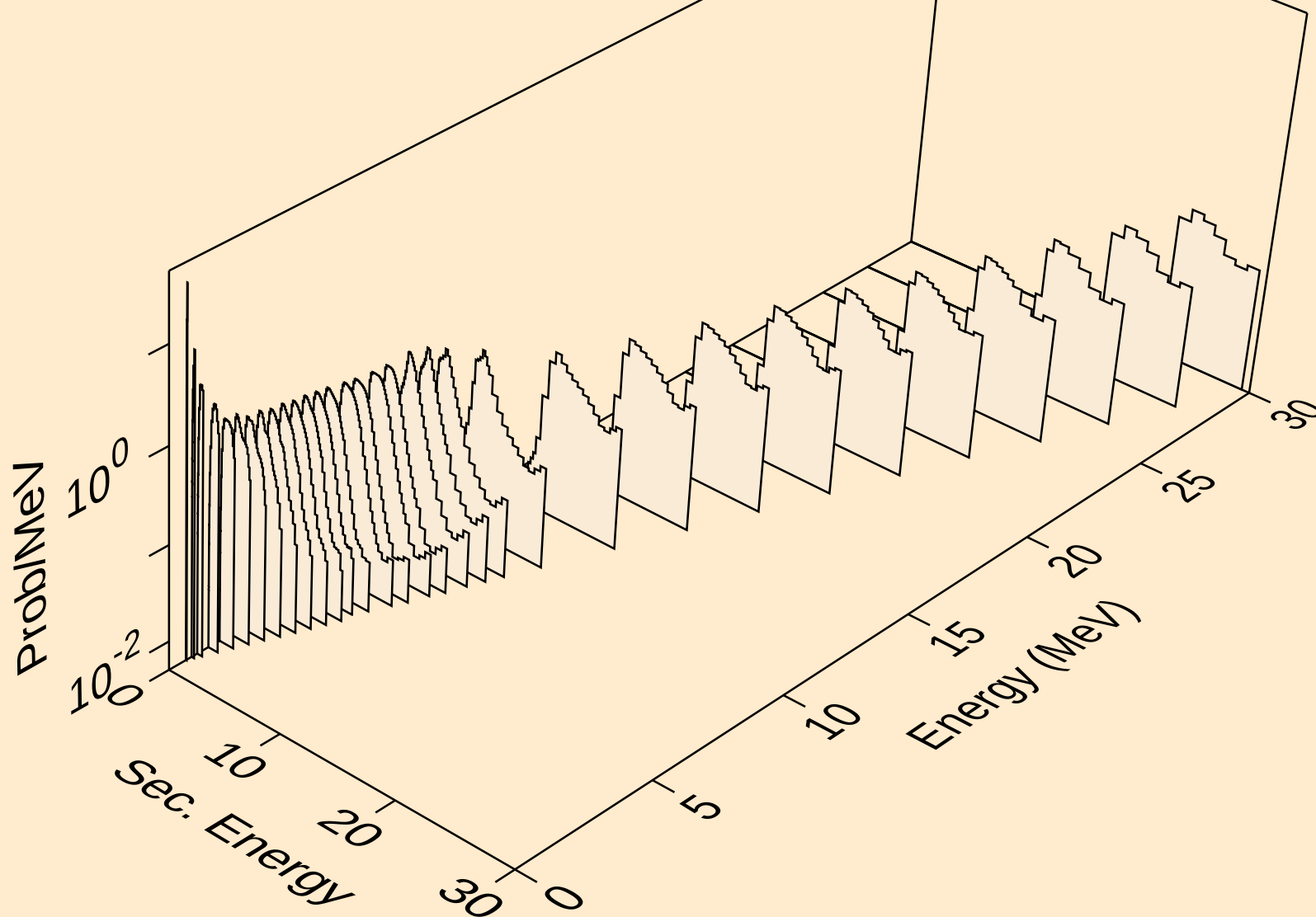
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n2p)



AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

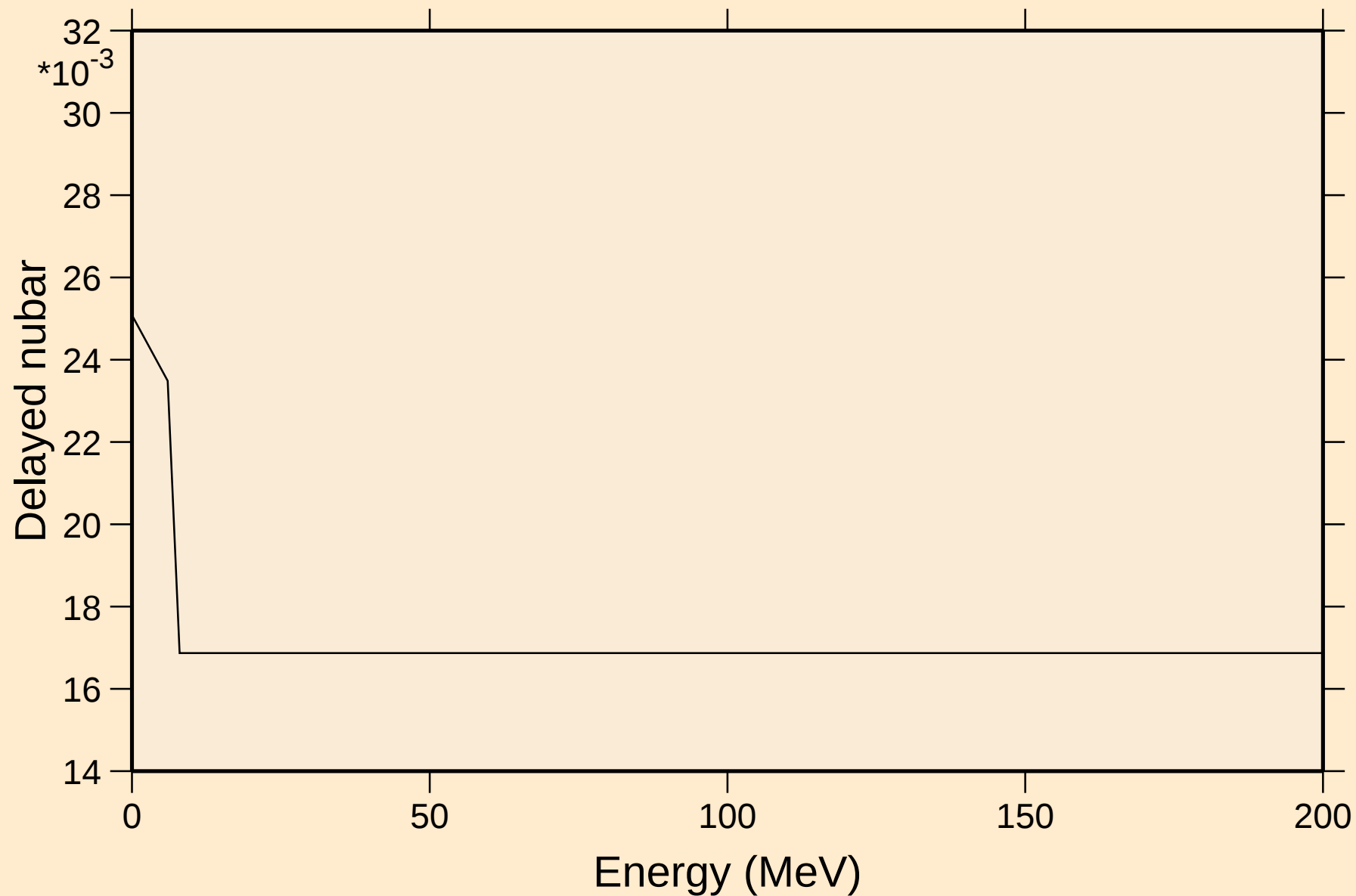


AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



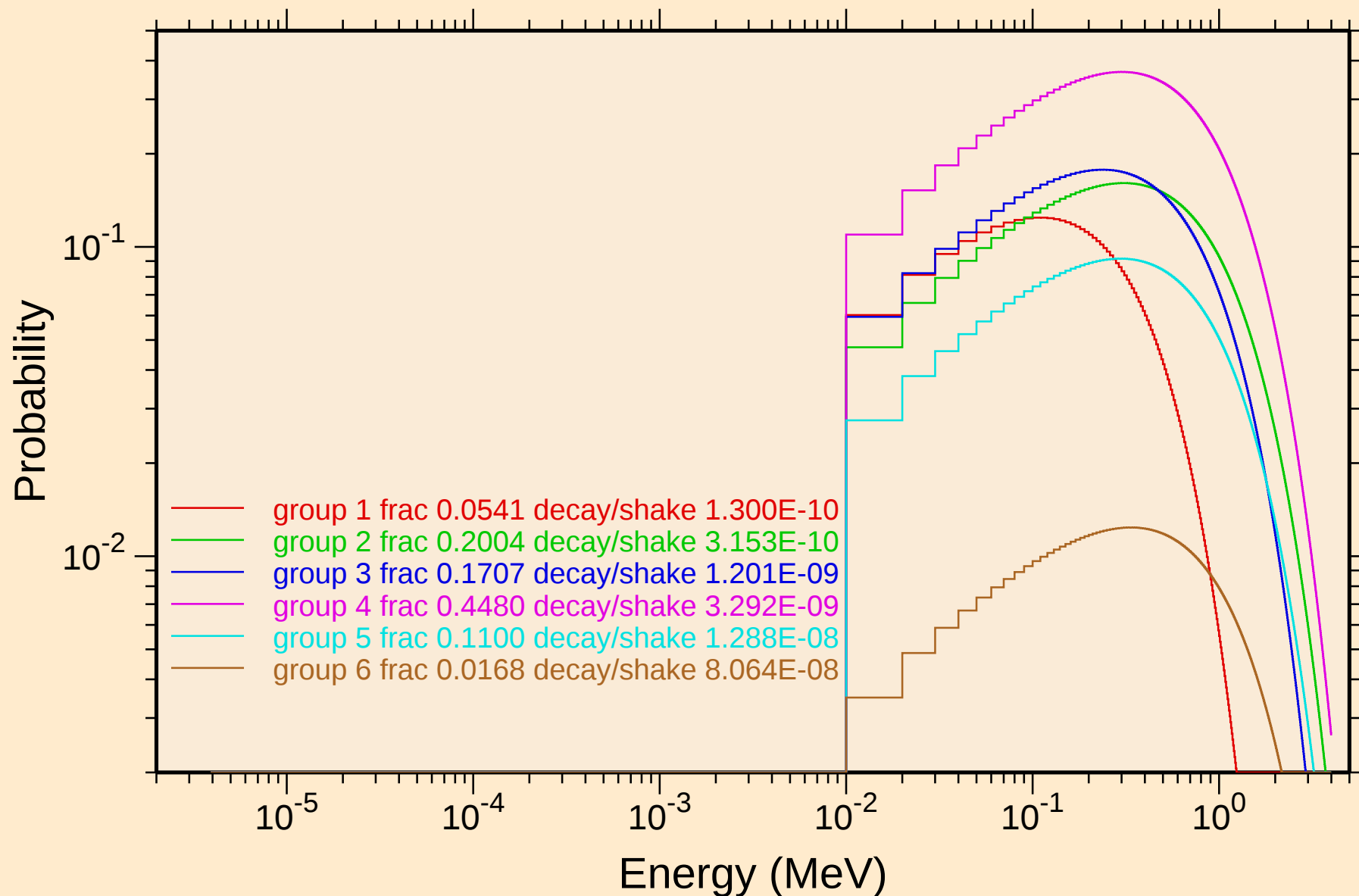
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Delayed nubar

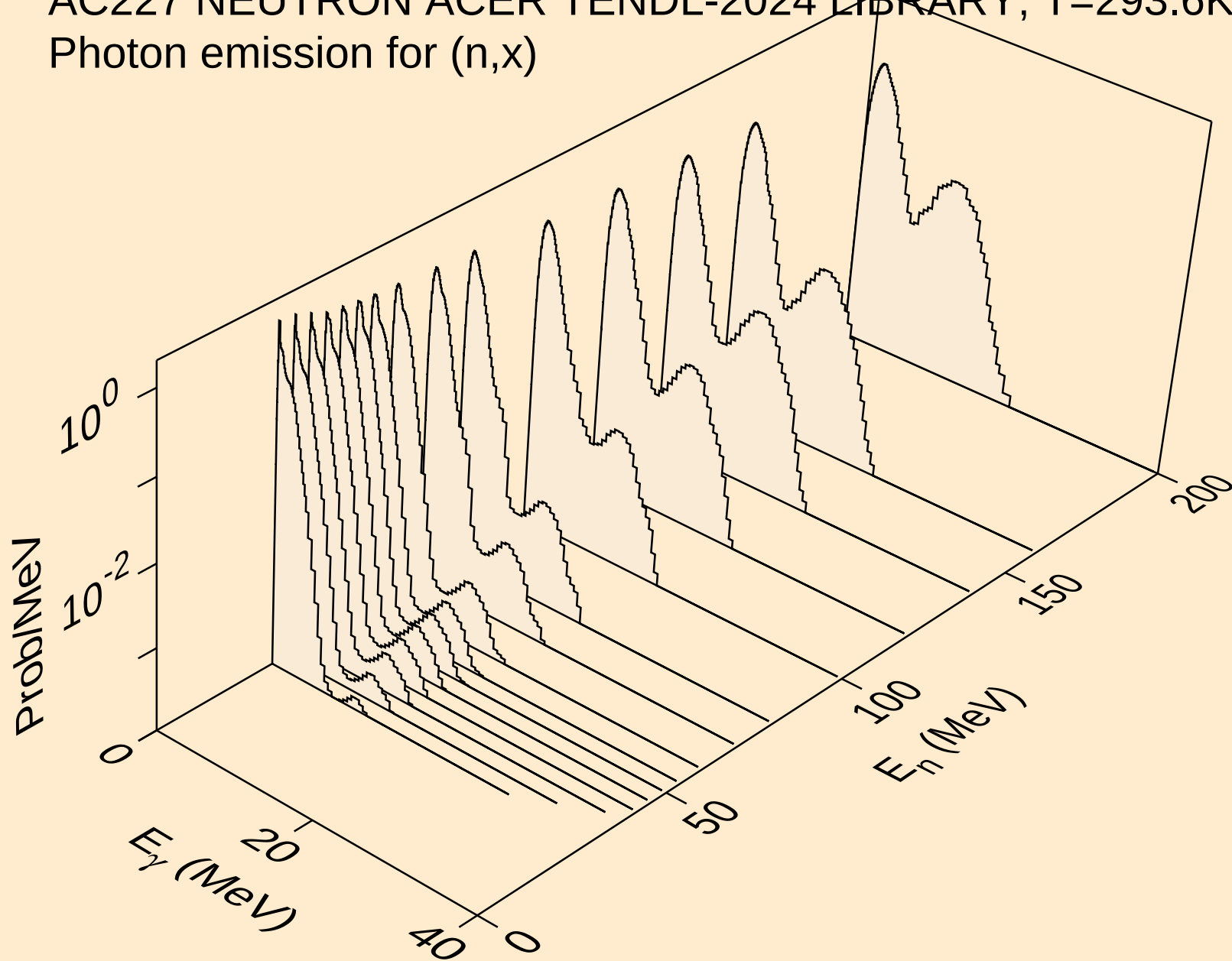


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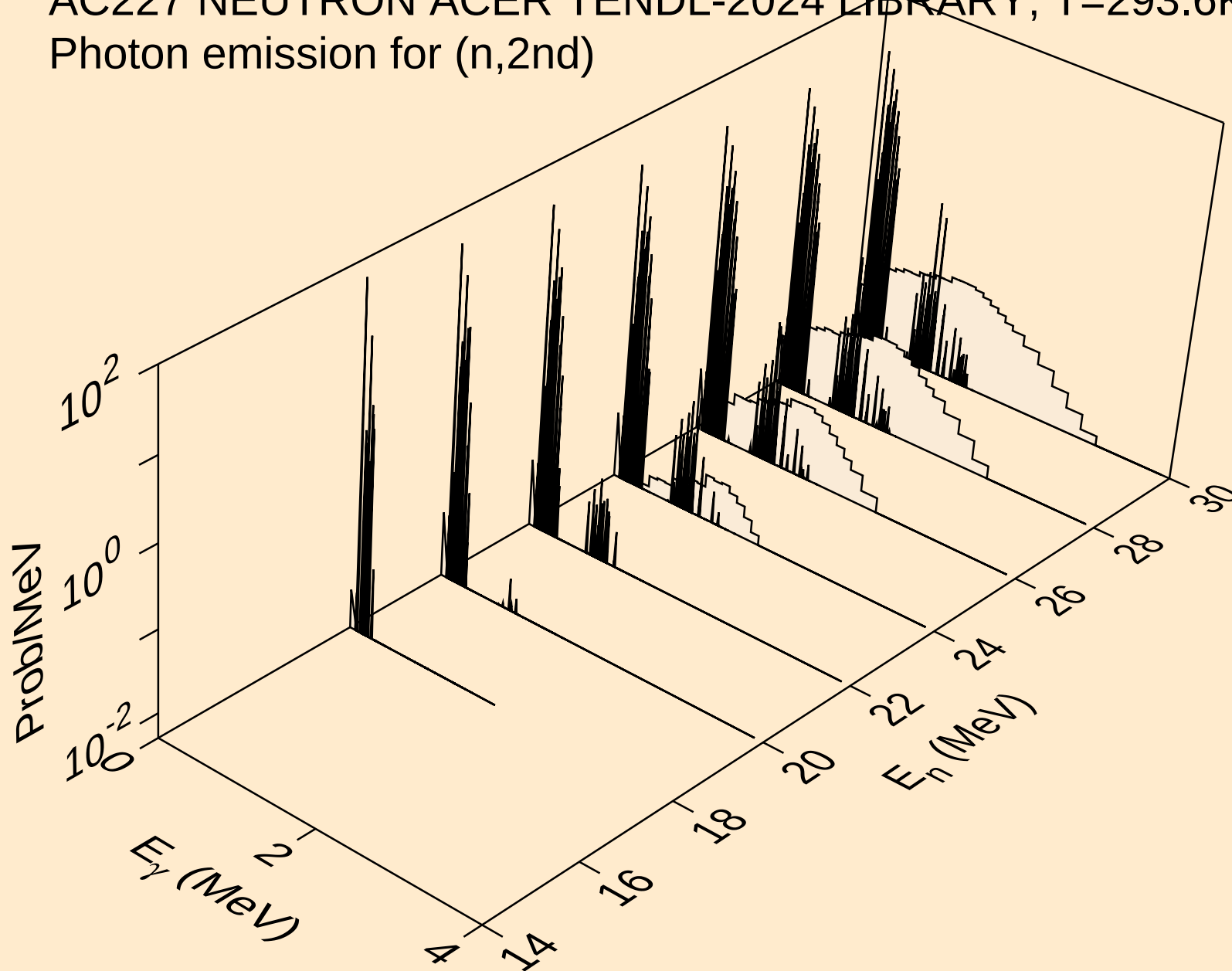
## Delayed neutron spectra



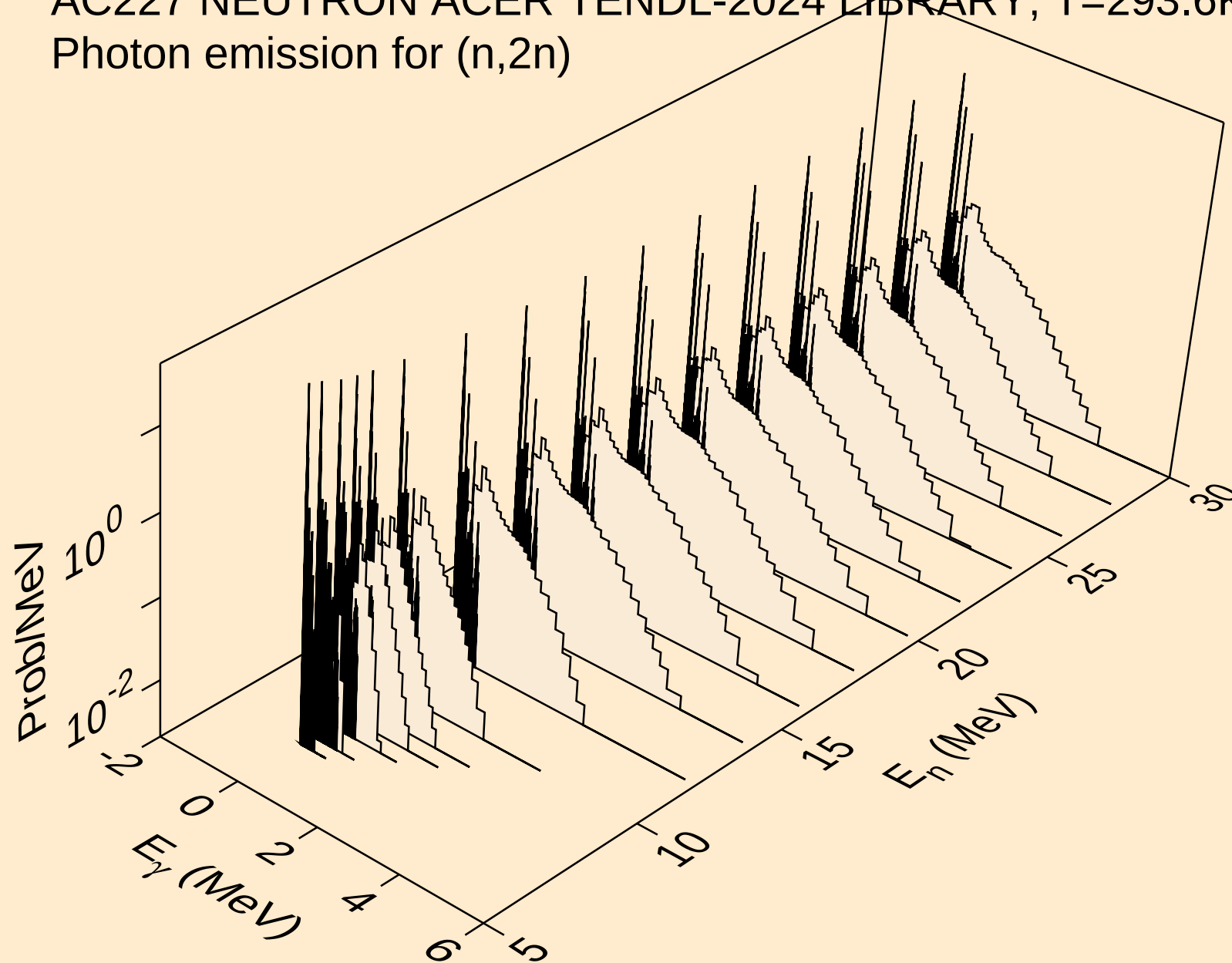
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



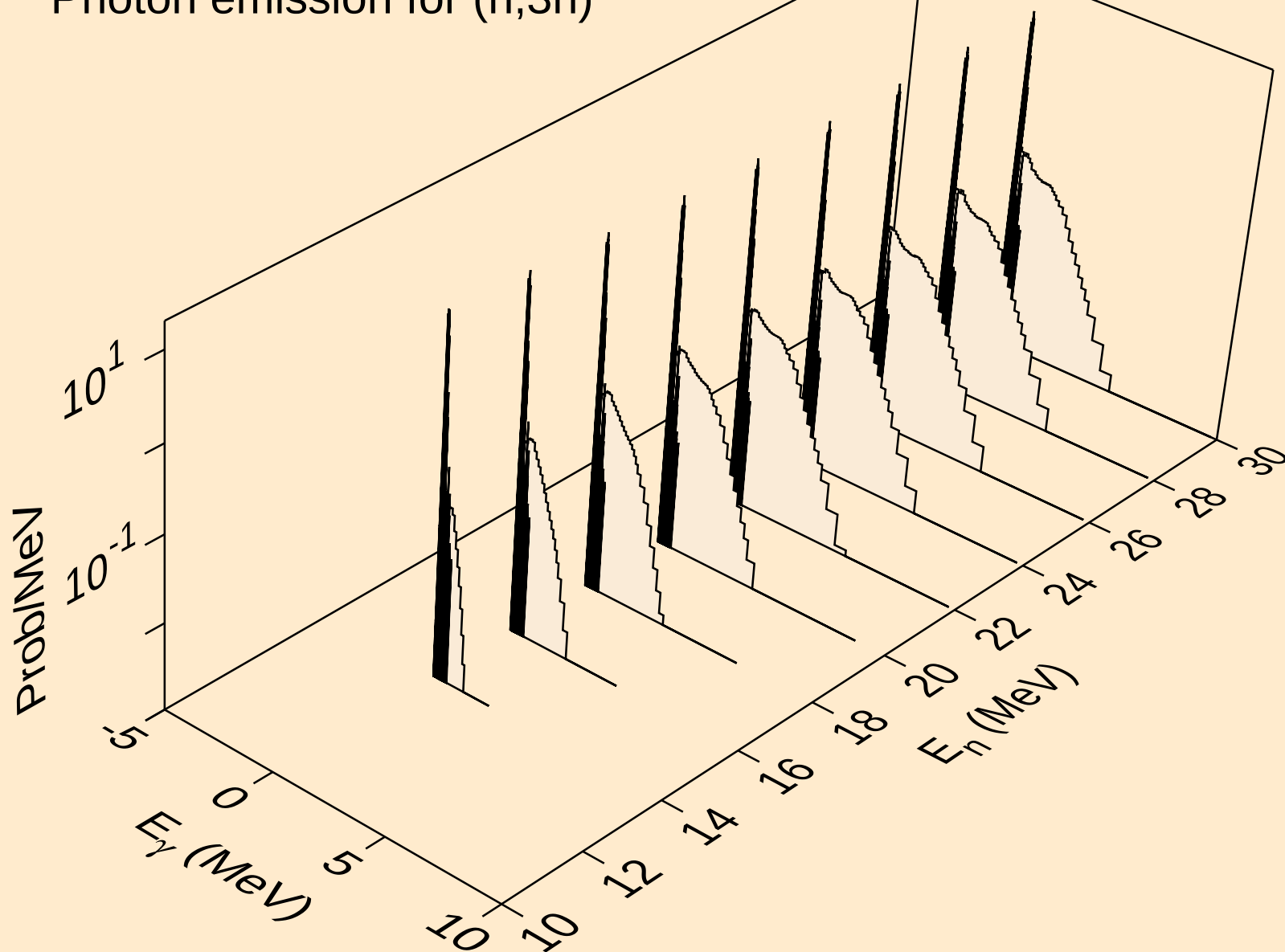
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



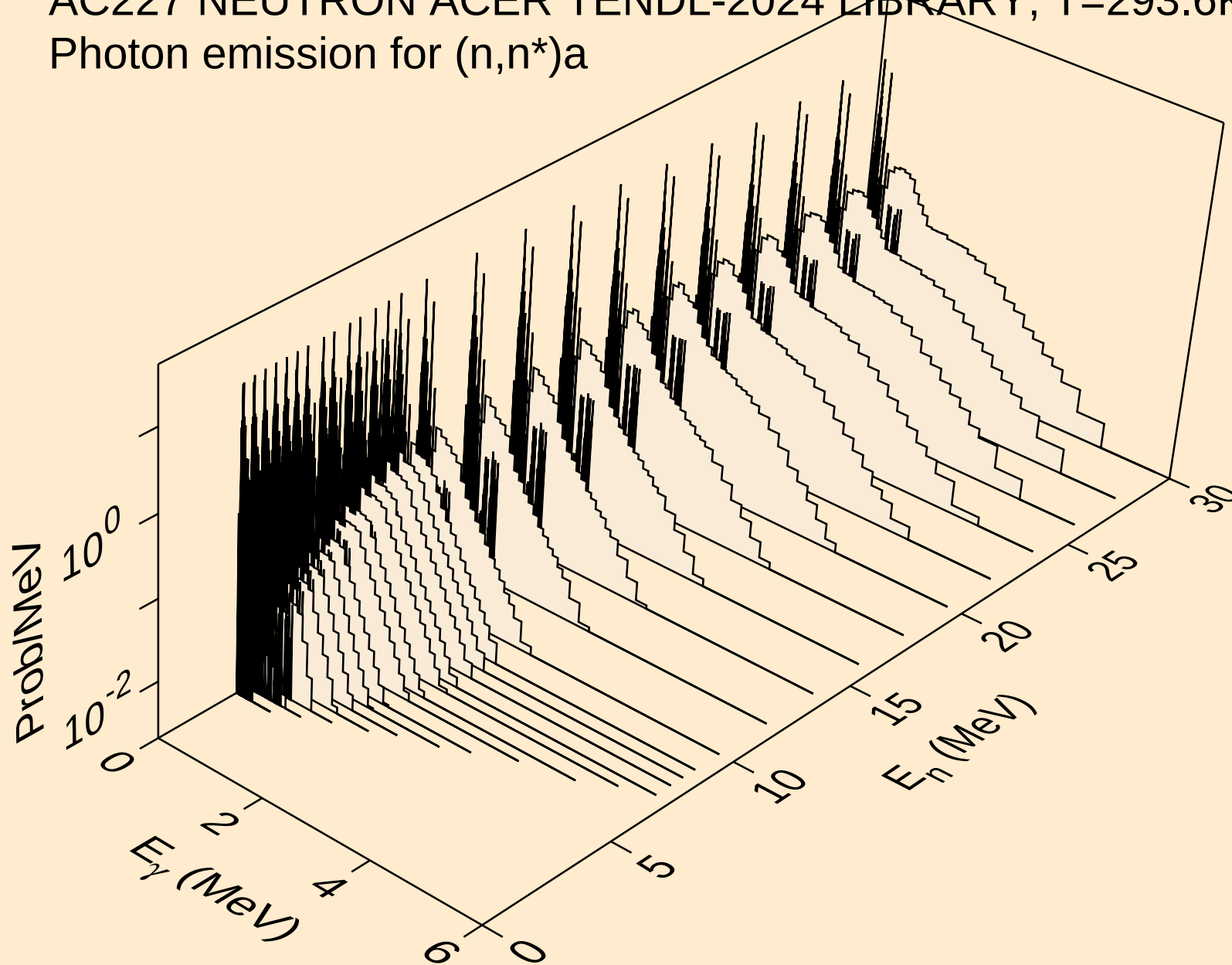
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



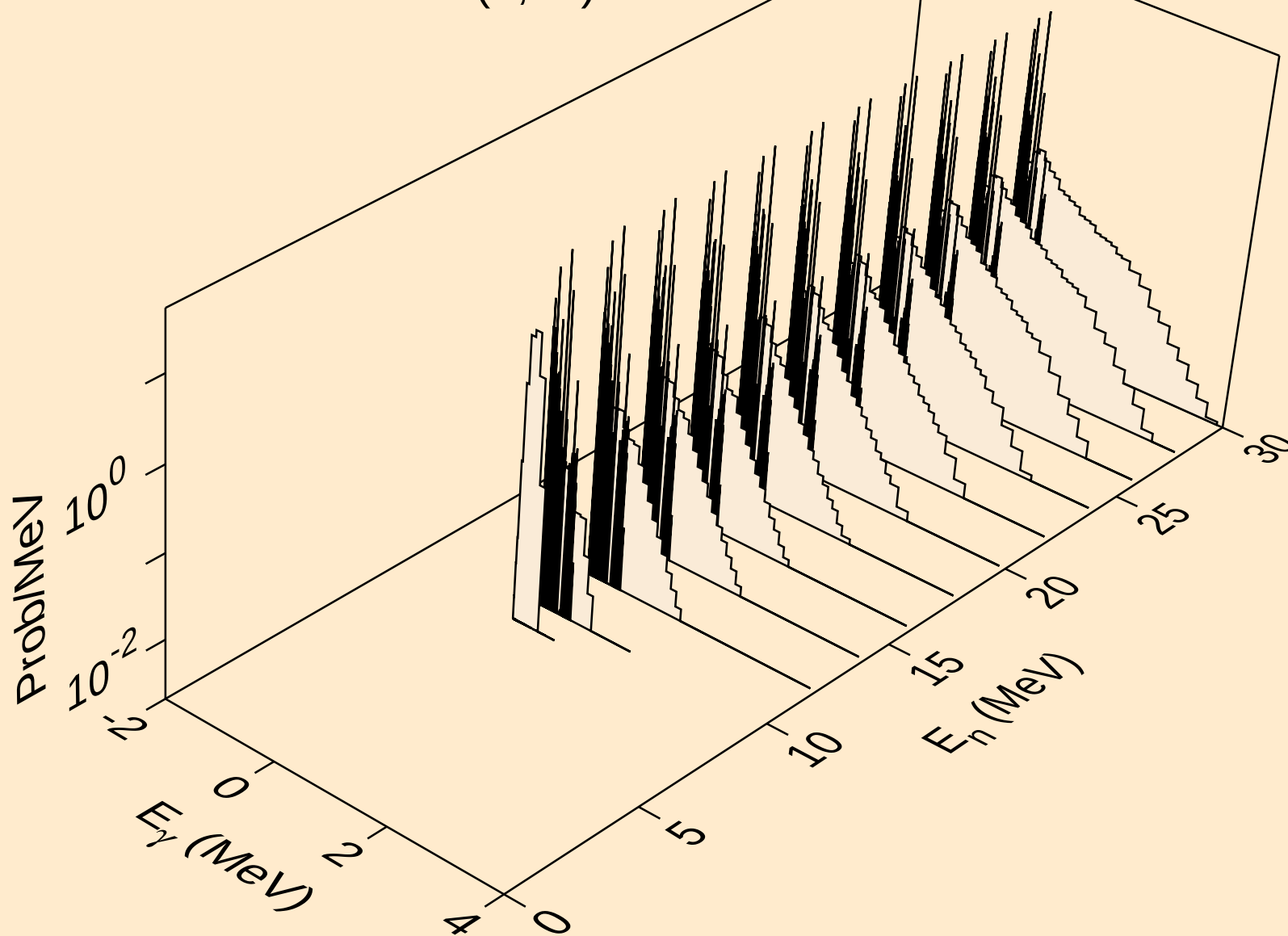
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



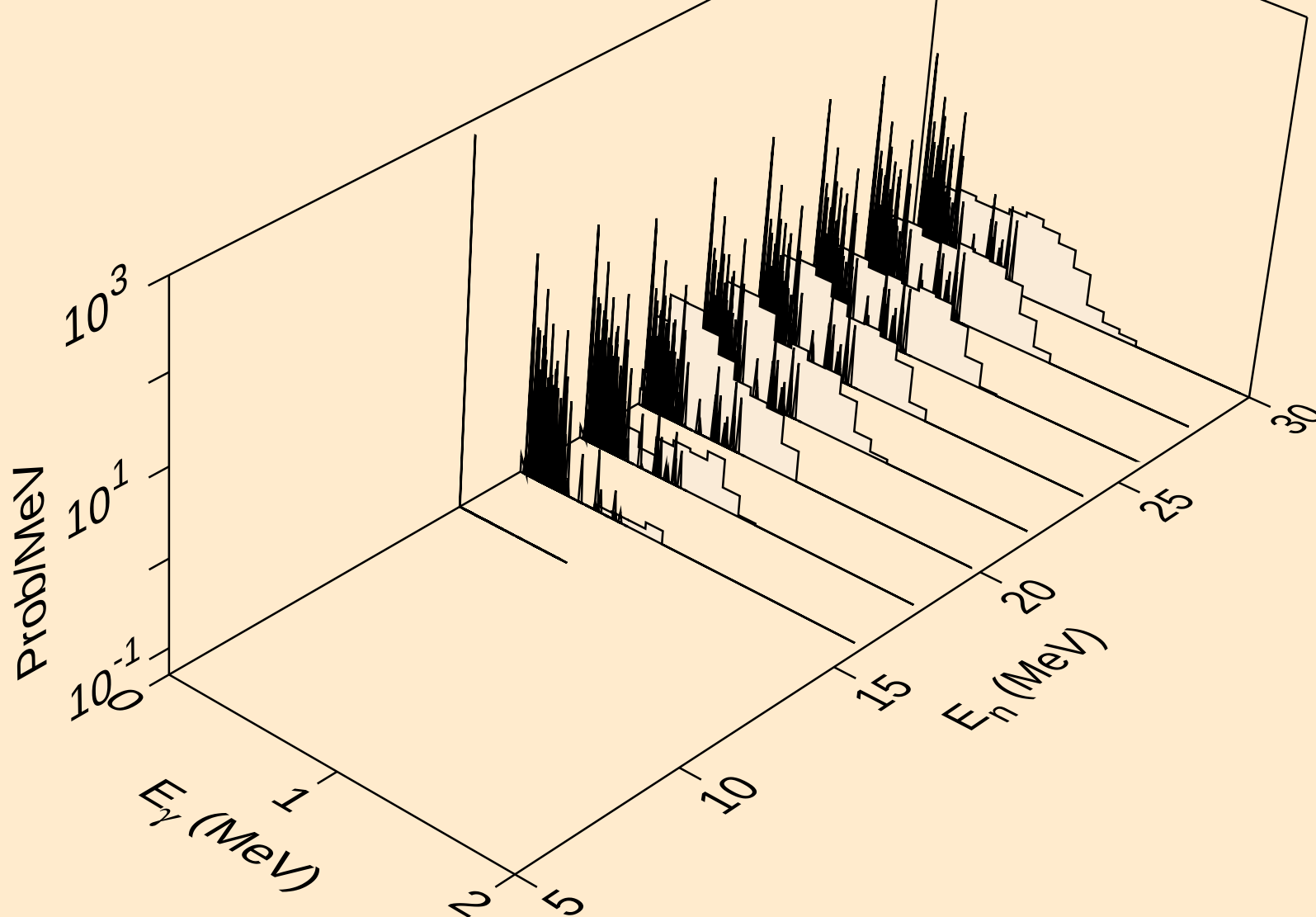
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



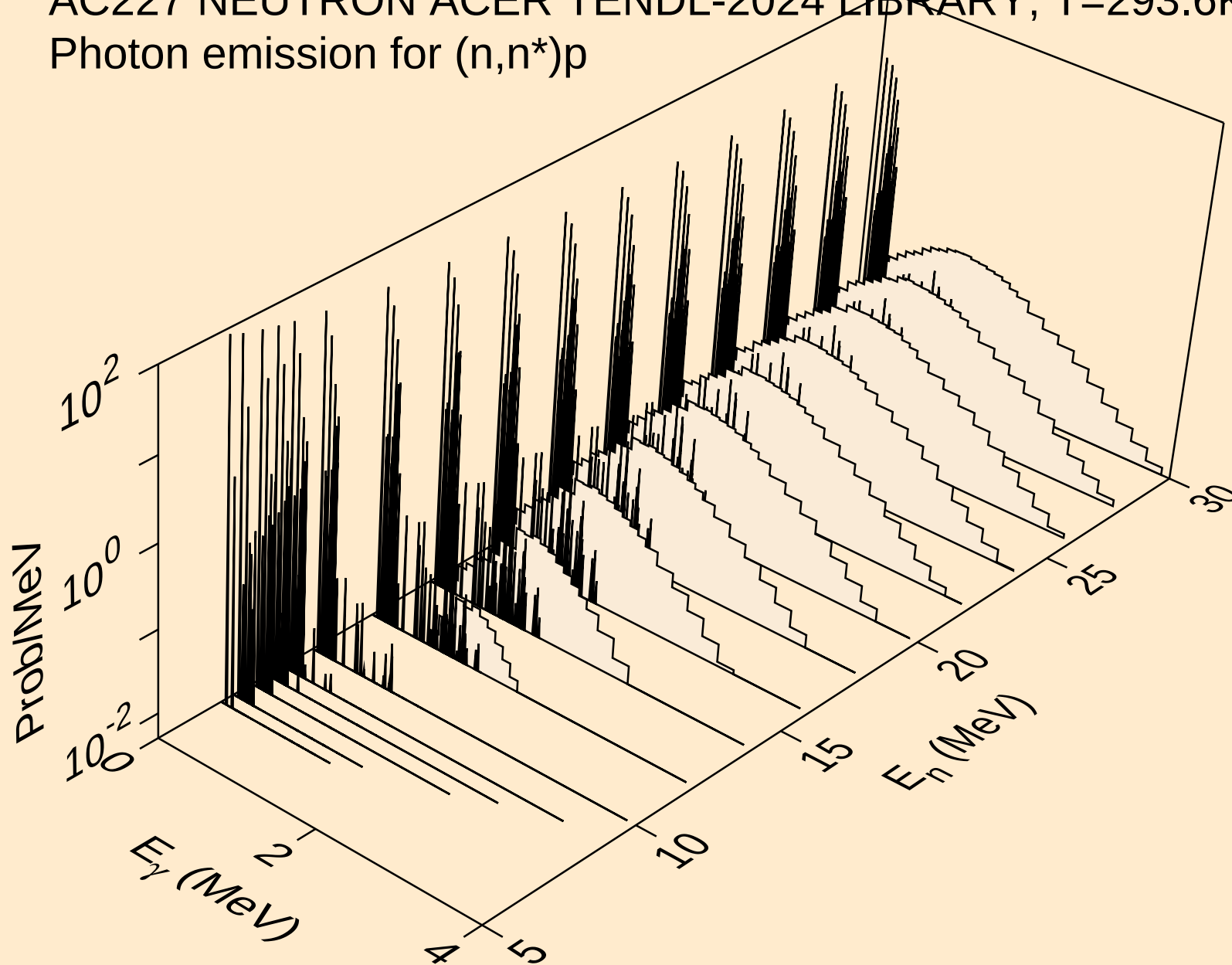
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n) $\alpha$



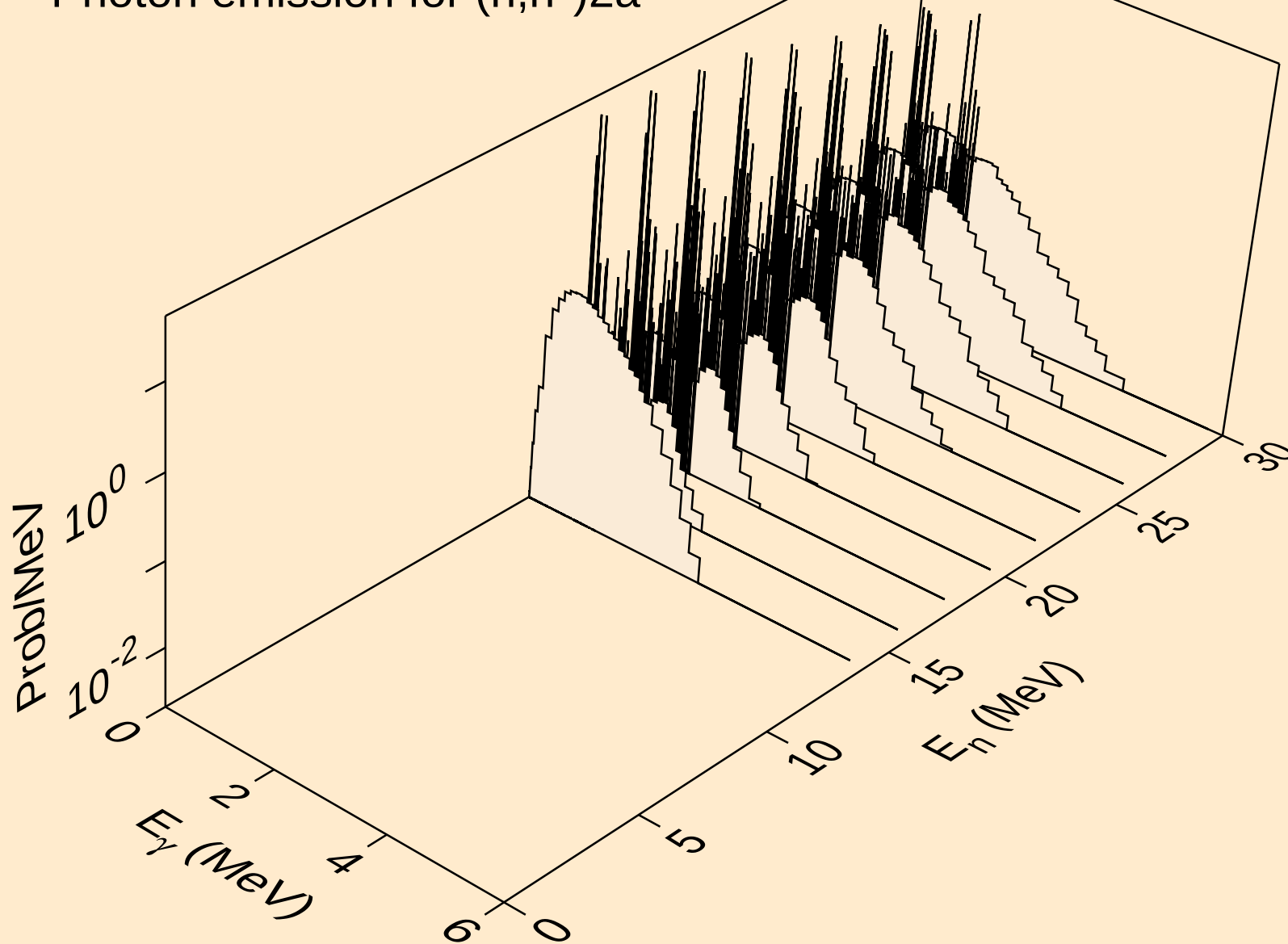
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n) $\alpha$



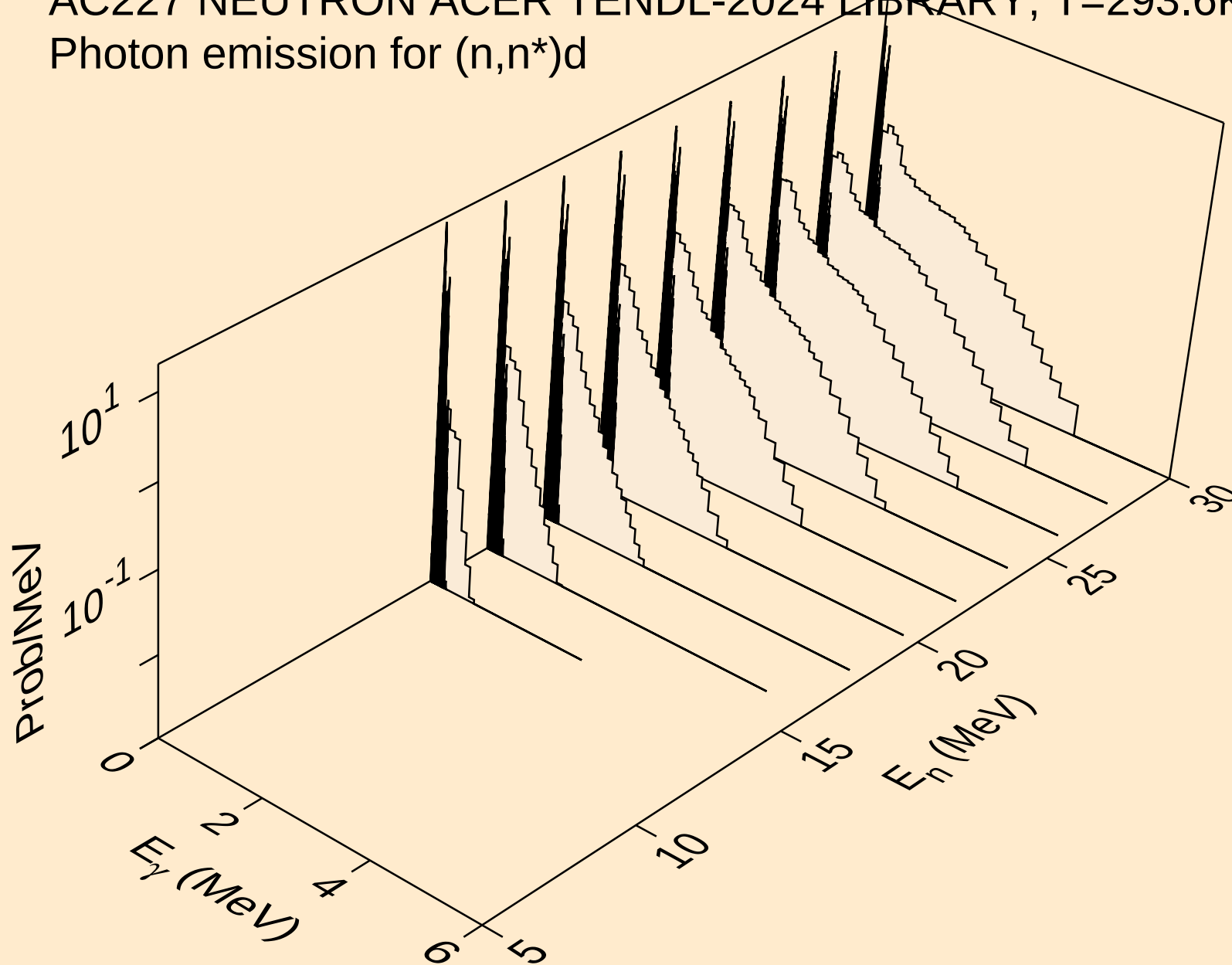
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



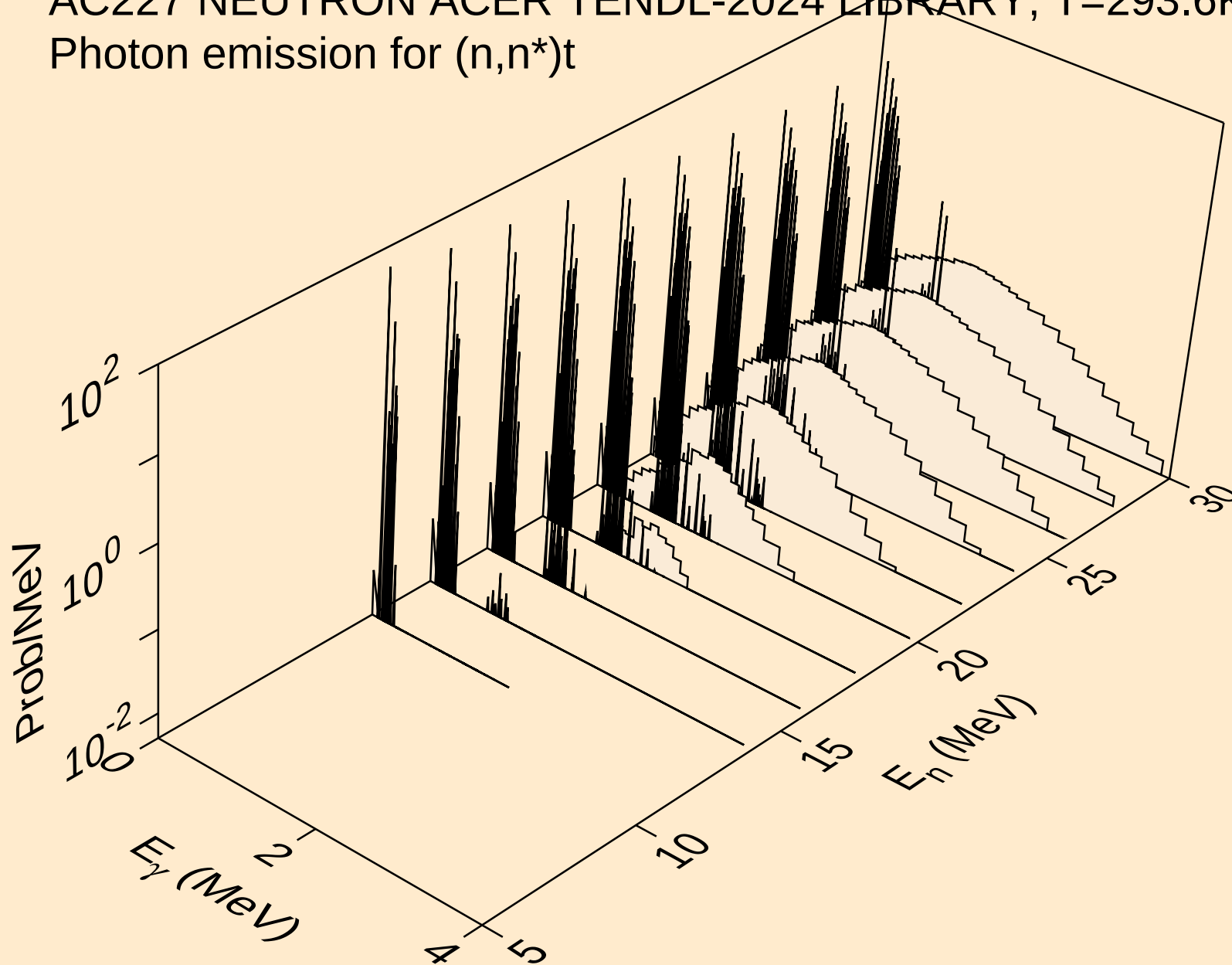
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



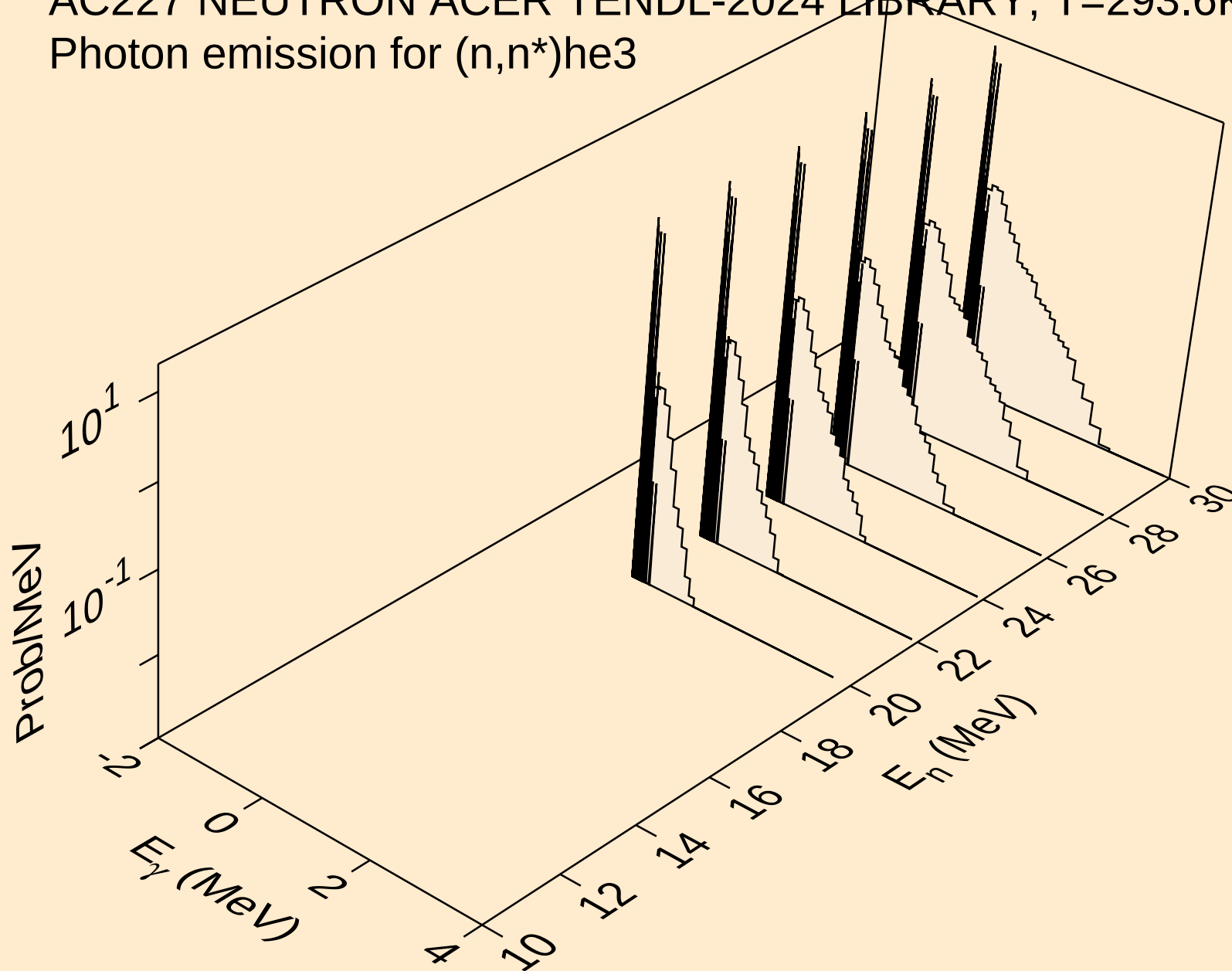
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



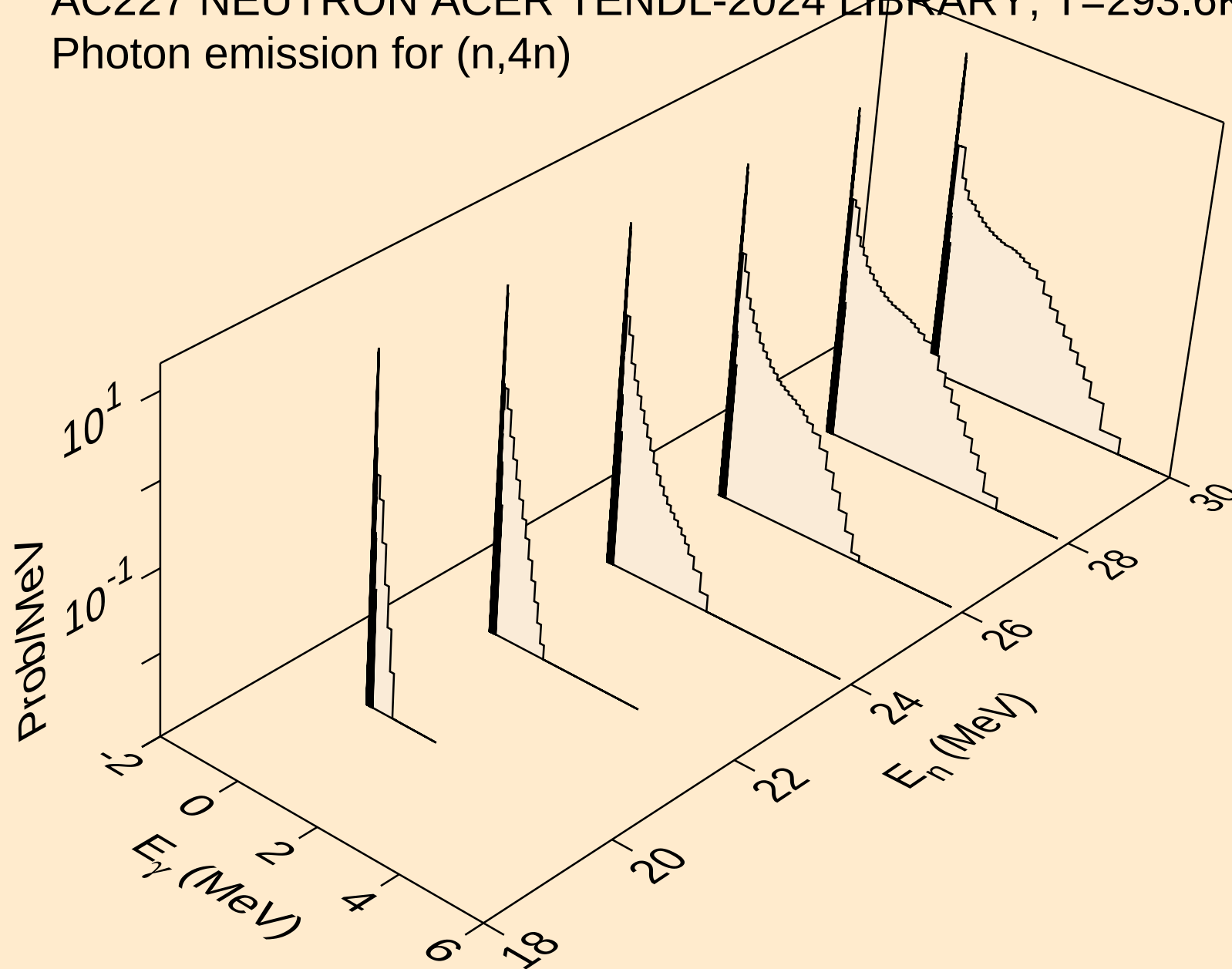
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Photon emission for (n,n\*)t



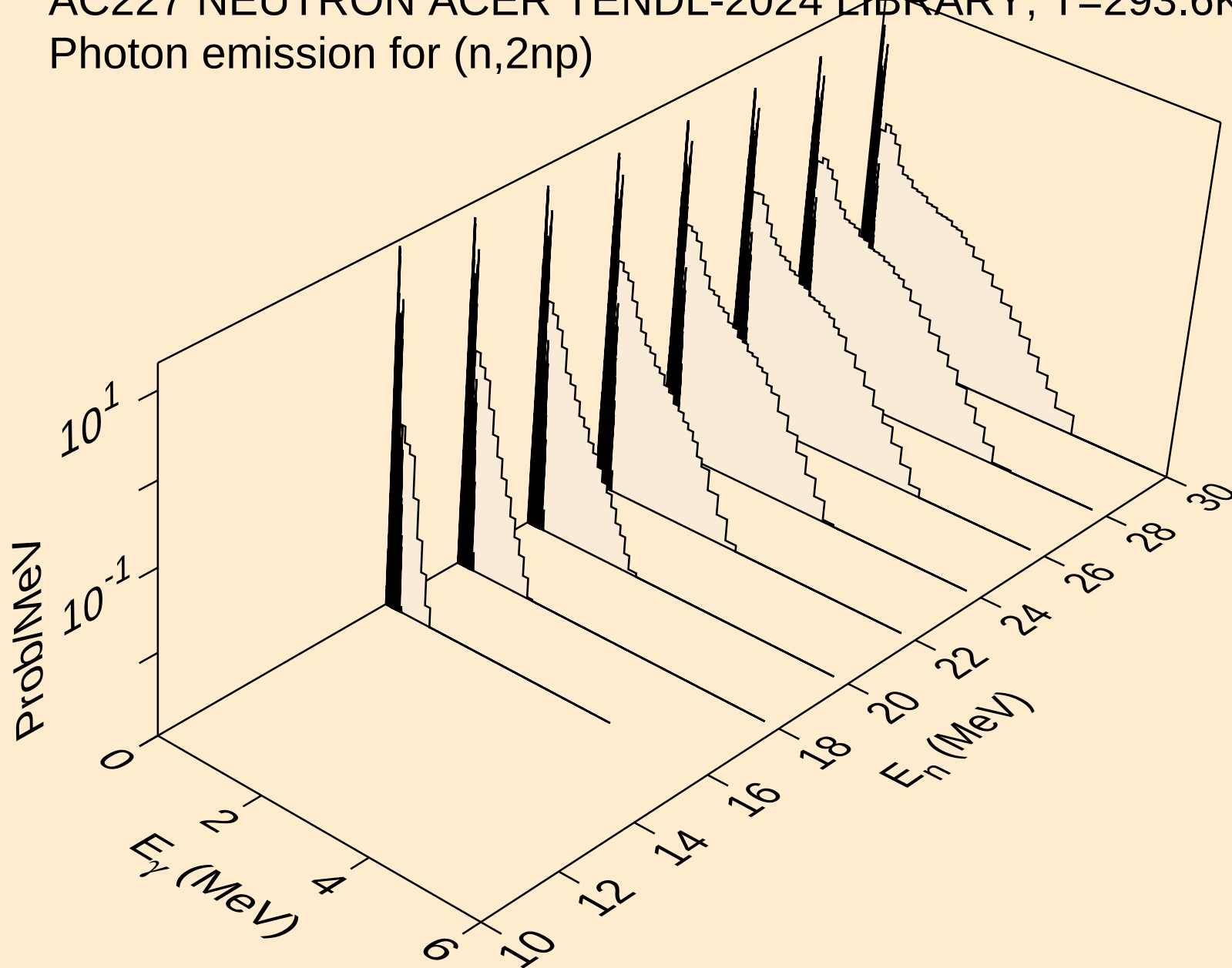
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



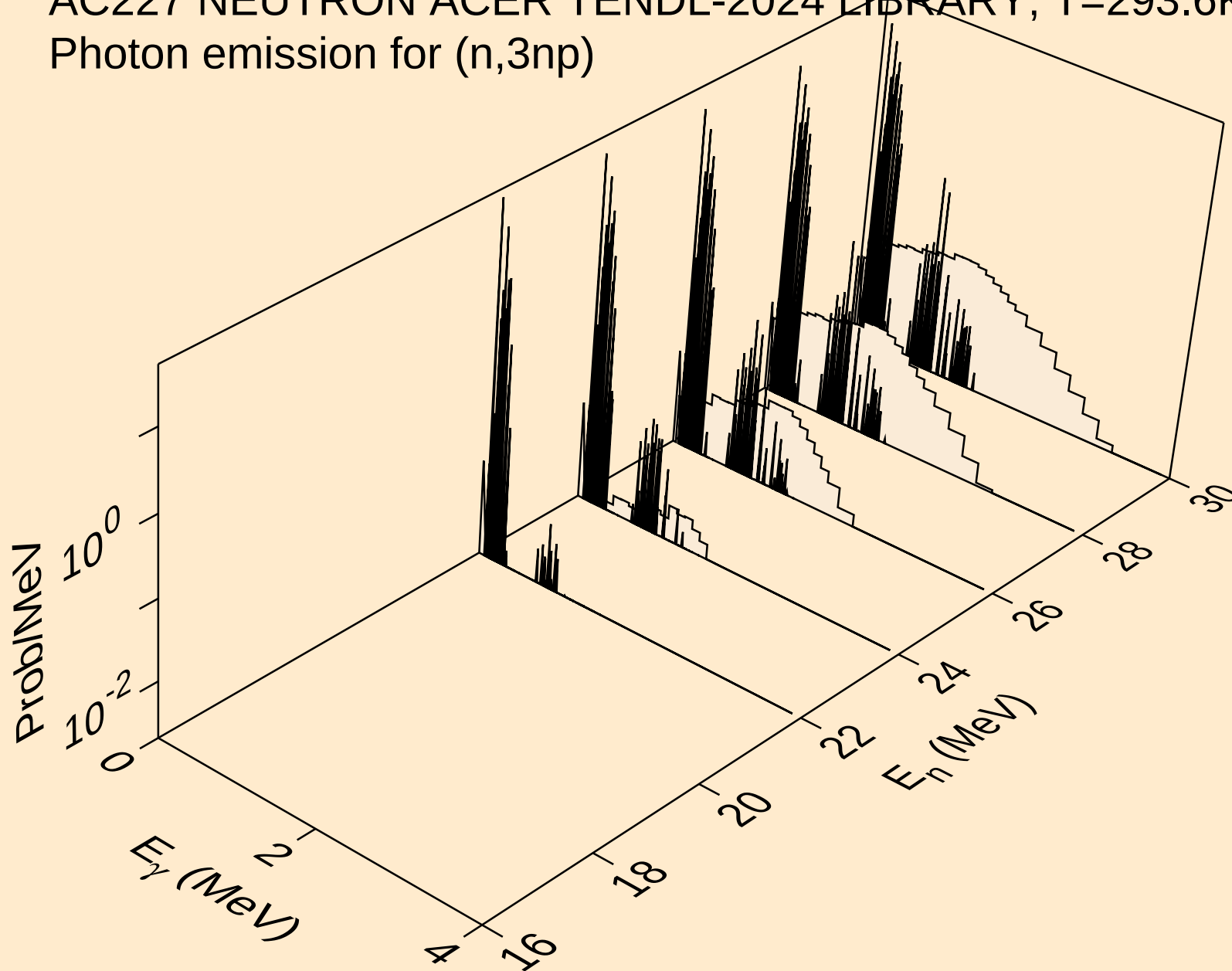
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Photon emission for (n,4n)



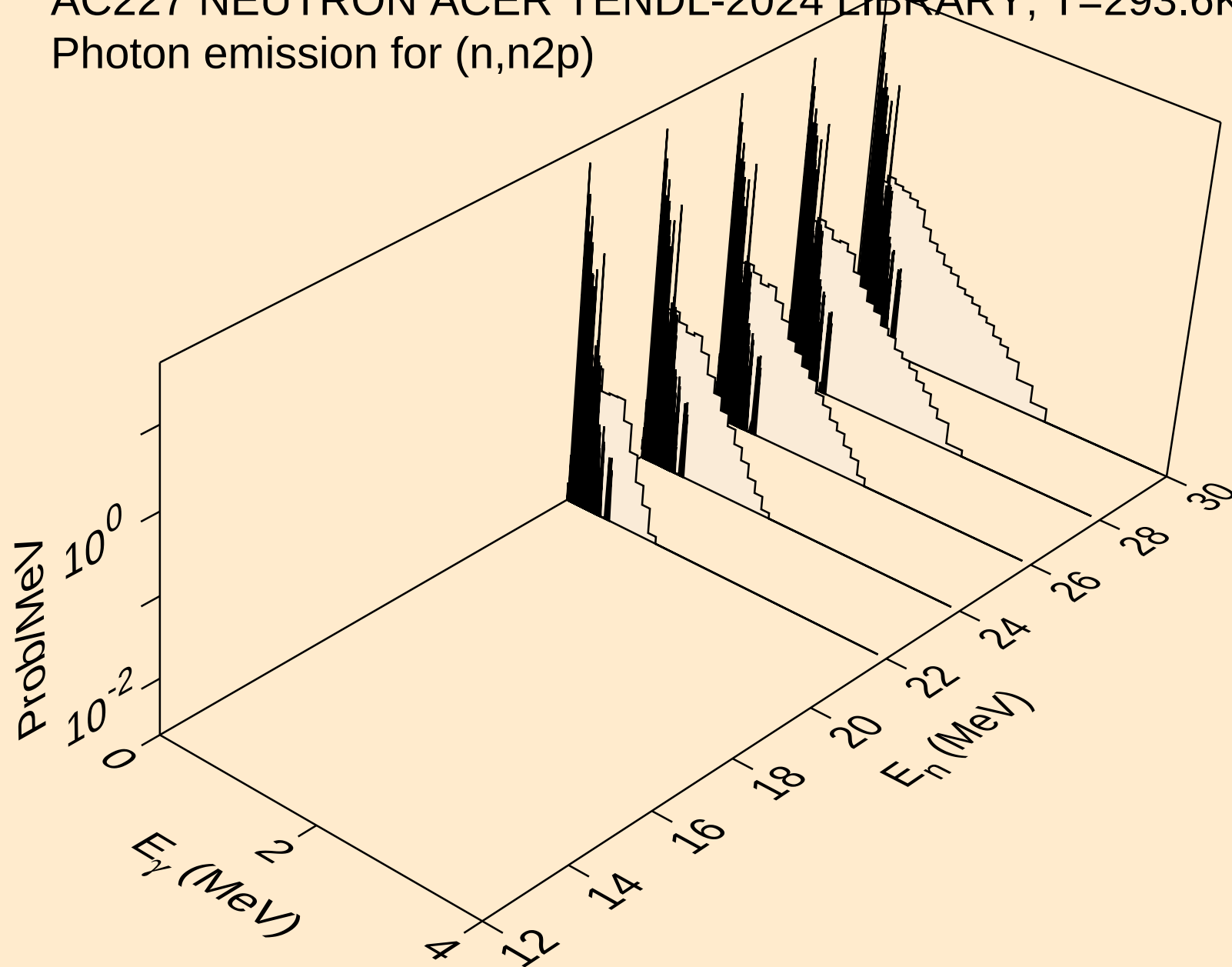
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Photon emission for (n,2np)



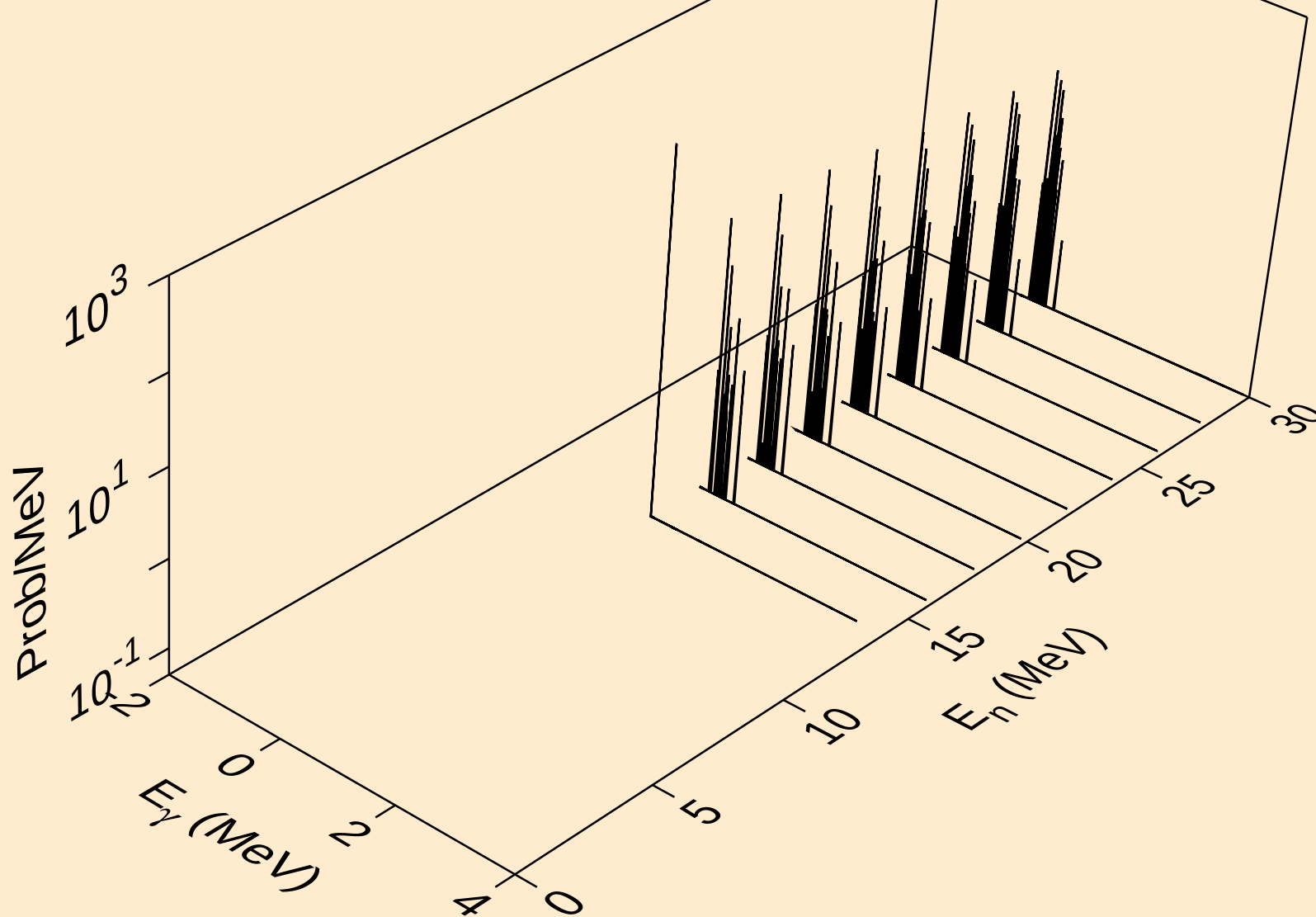
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Photon emission for (n,3np)



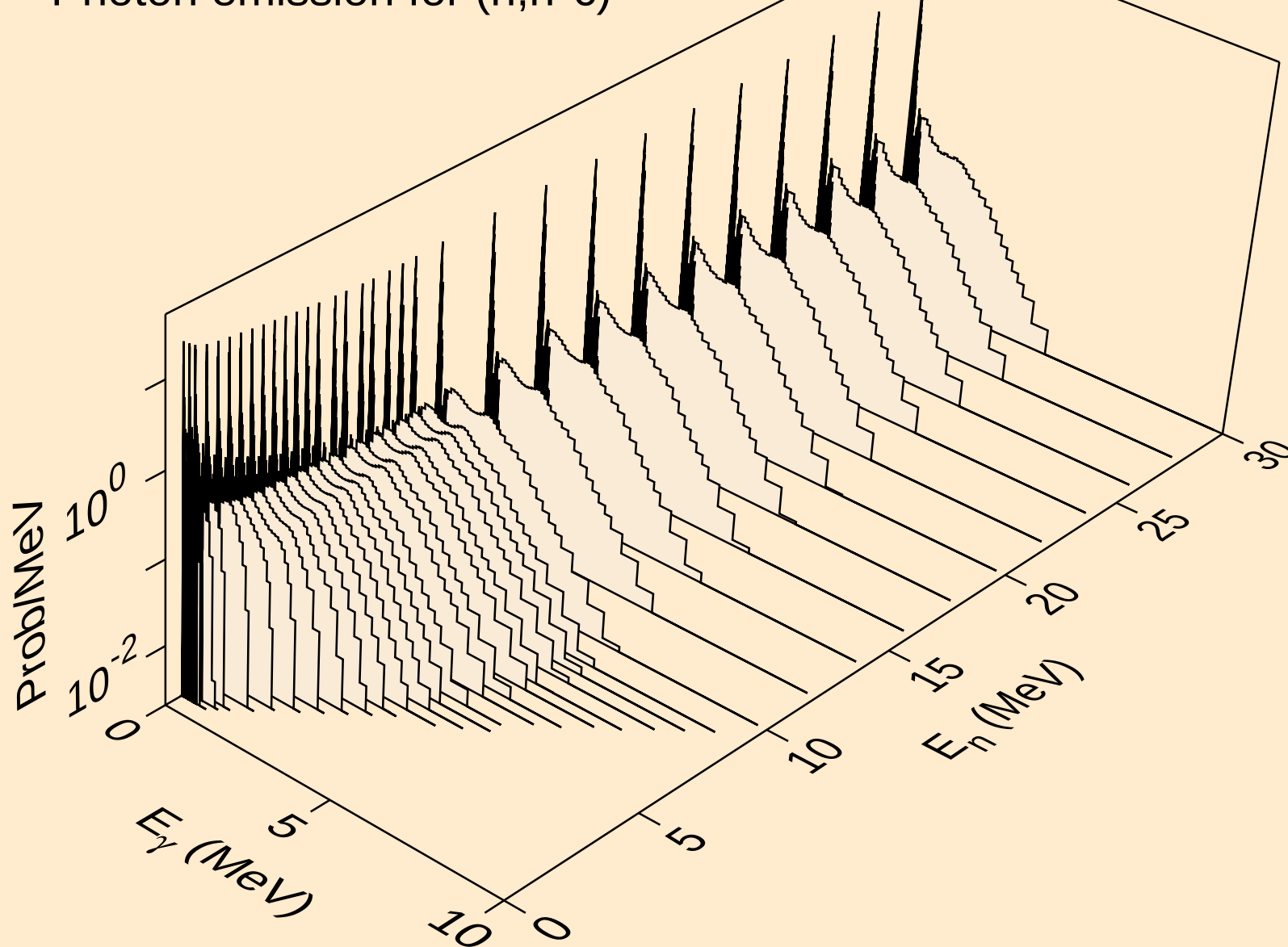
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Photon emission for (n,n2p)



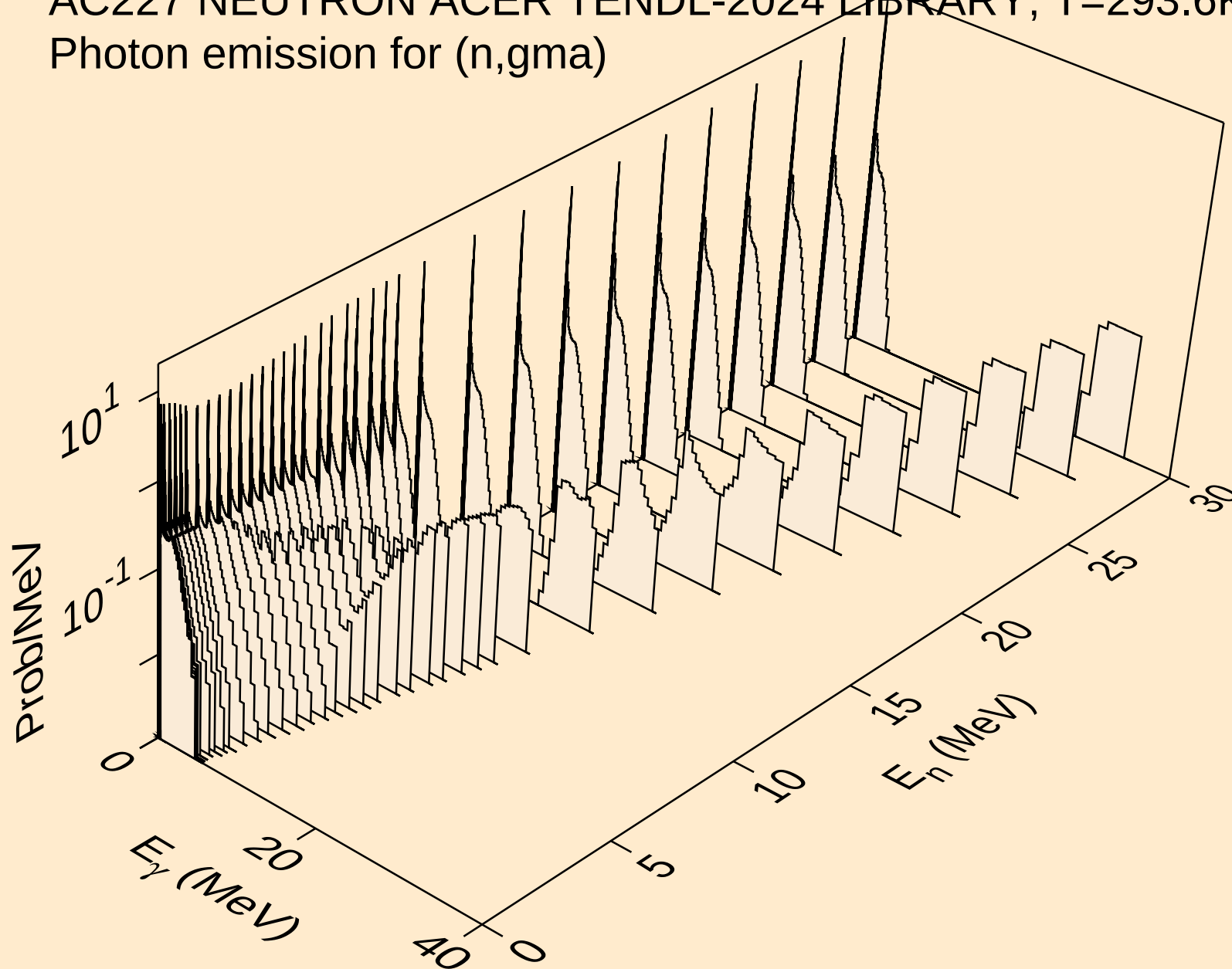
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Photon emission for (n,npa)



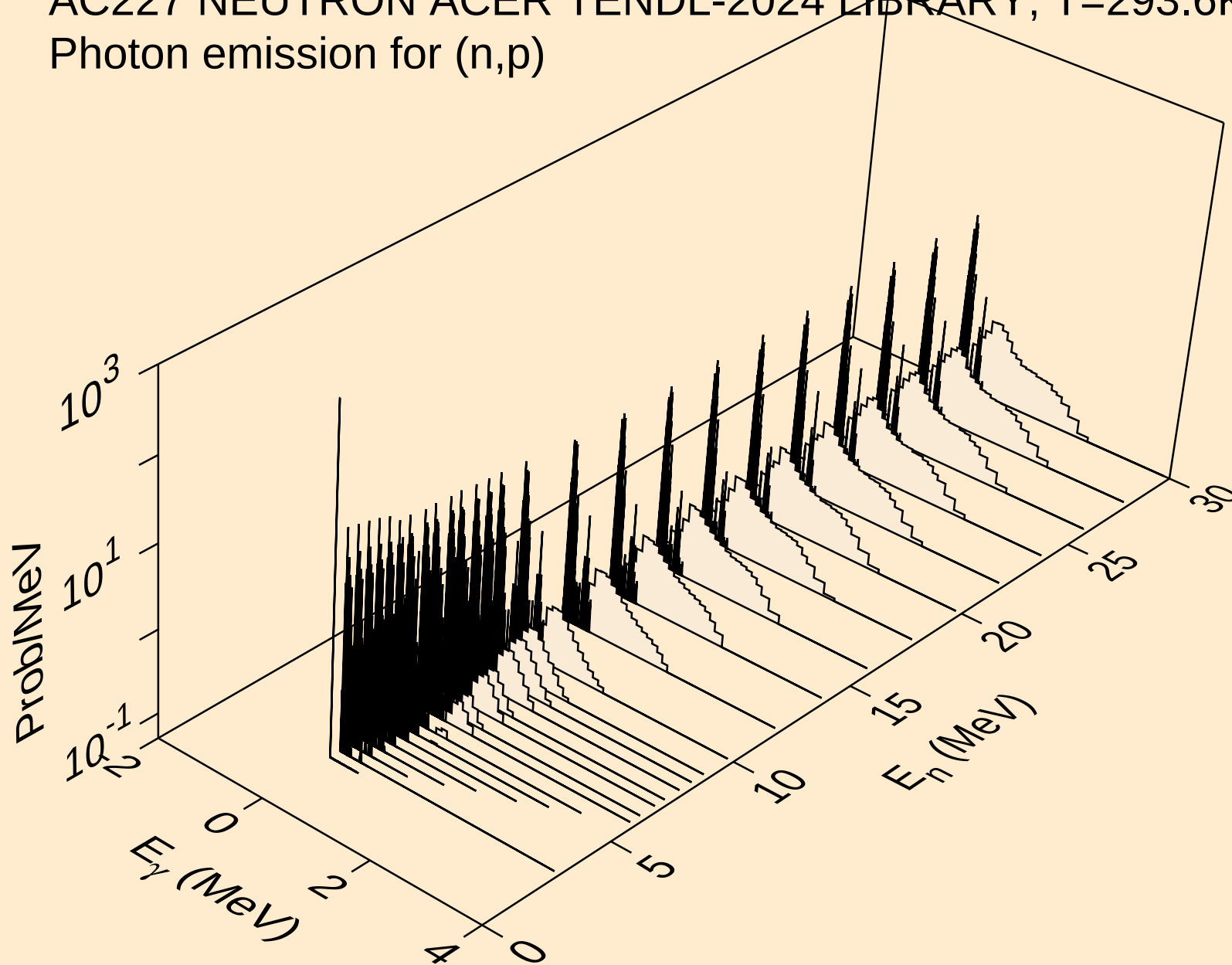
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Photon emission for (n,n\*c)



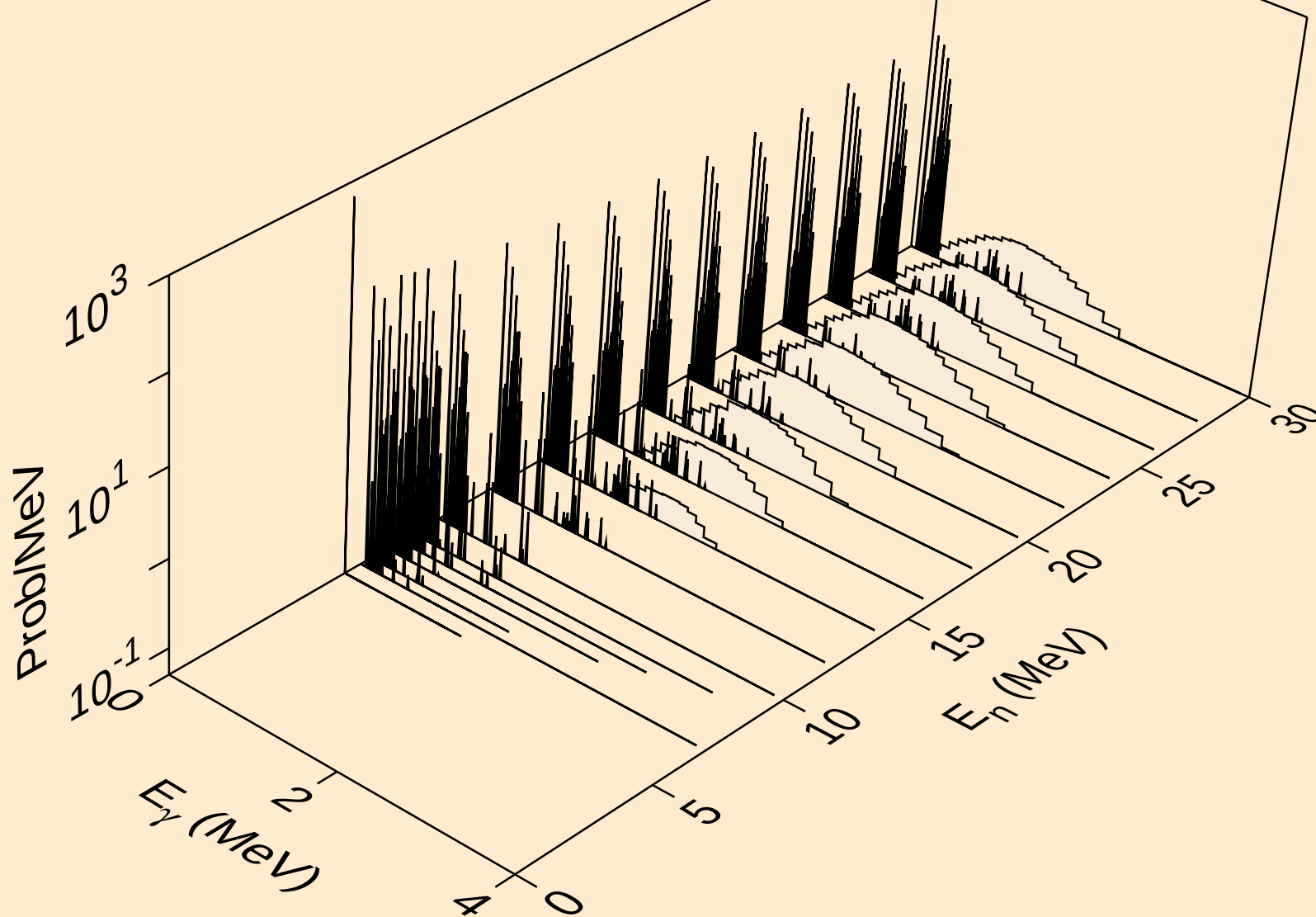
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Photon emission for (n,gma)



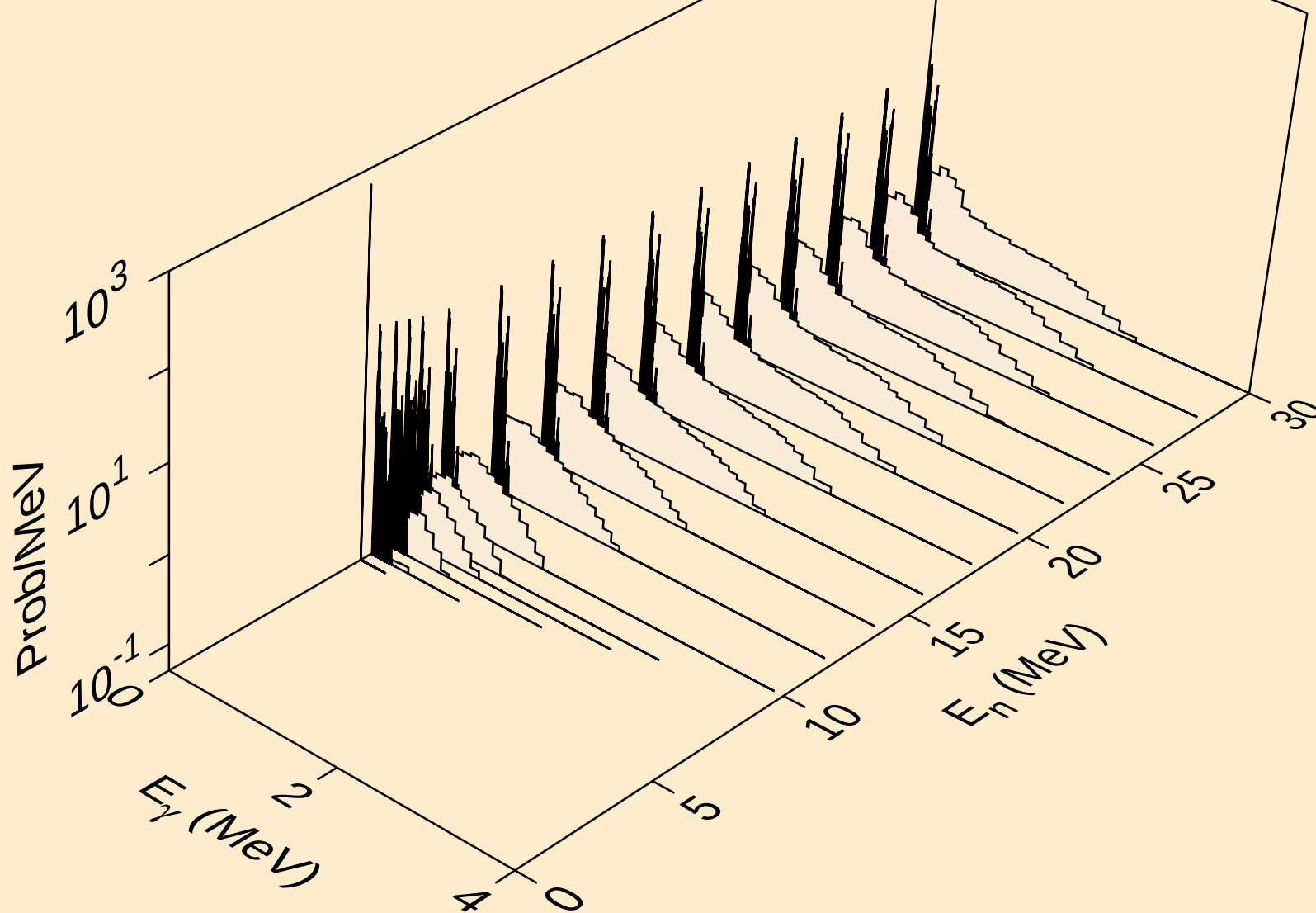
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Photon emission for (n,p)



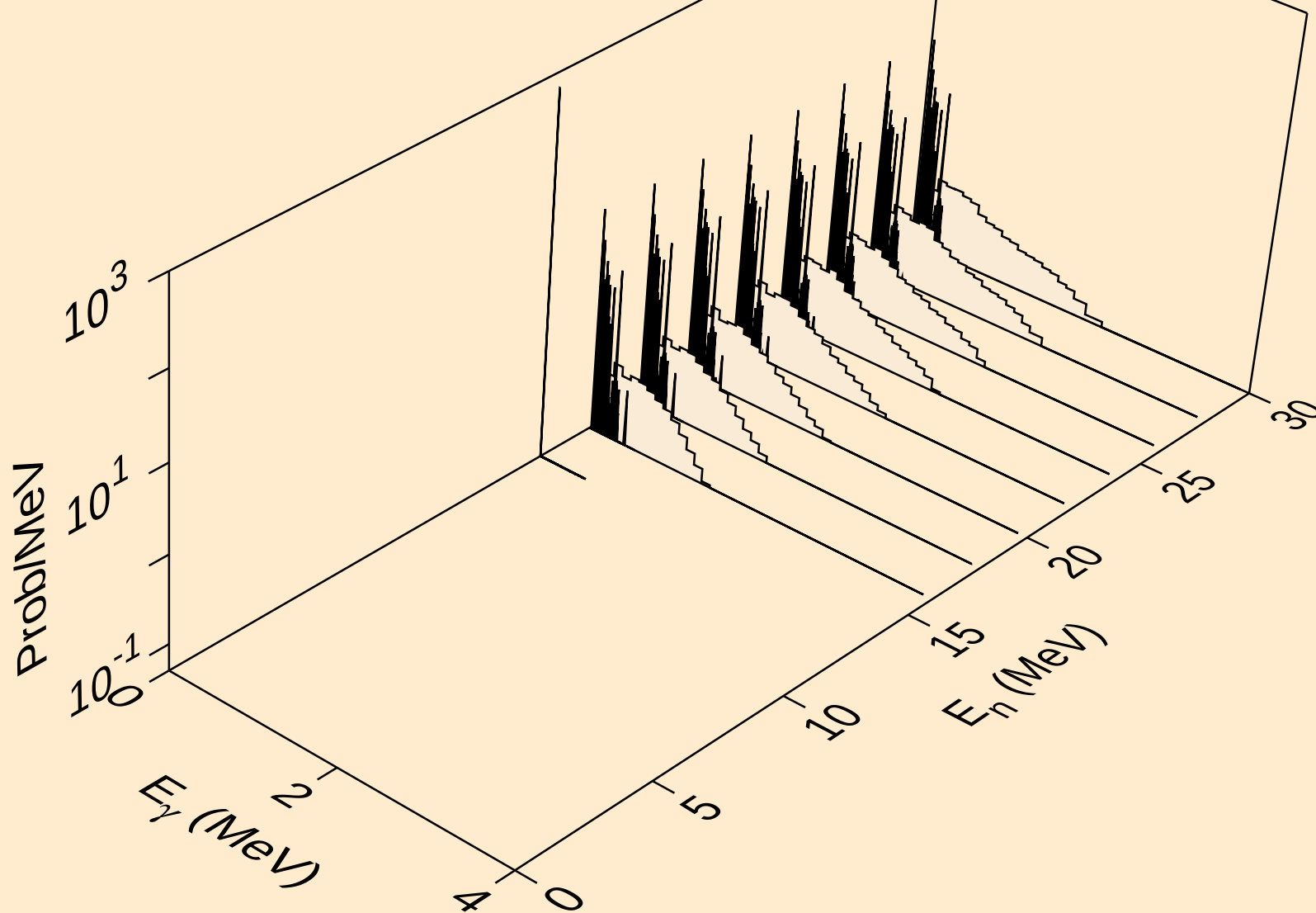
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Photon emission for (n,d)



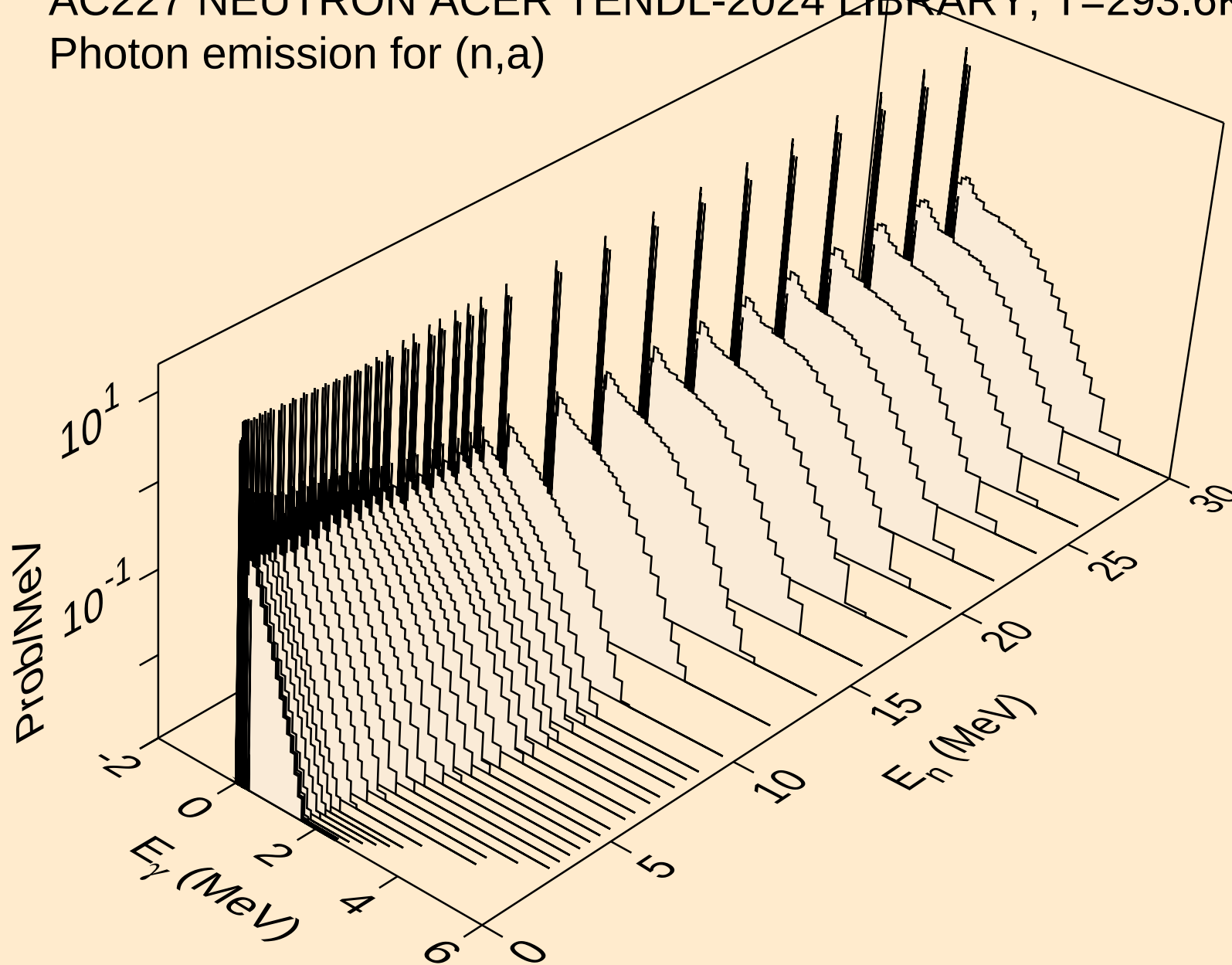
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Photon emission for (n,t)



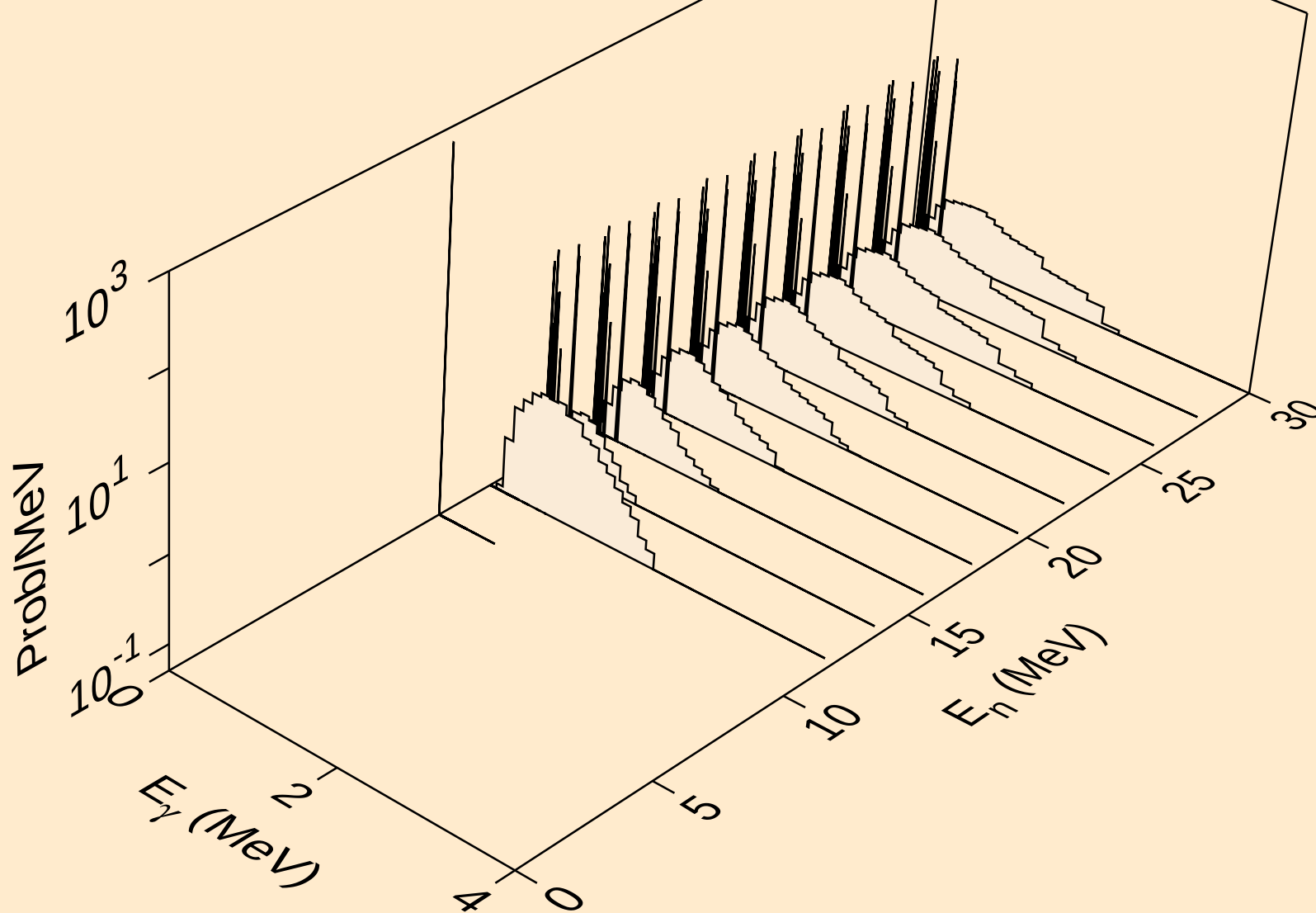
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Photon emission for (n,he3)



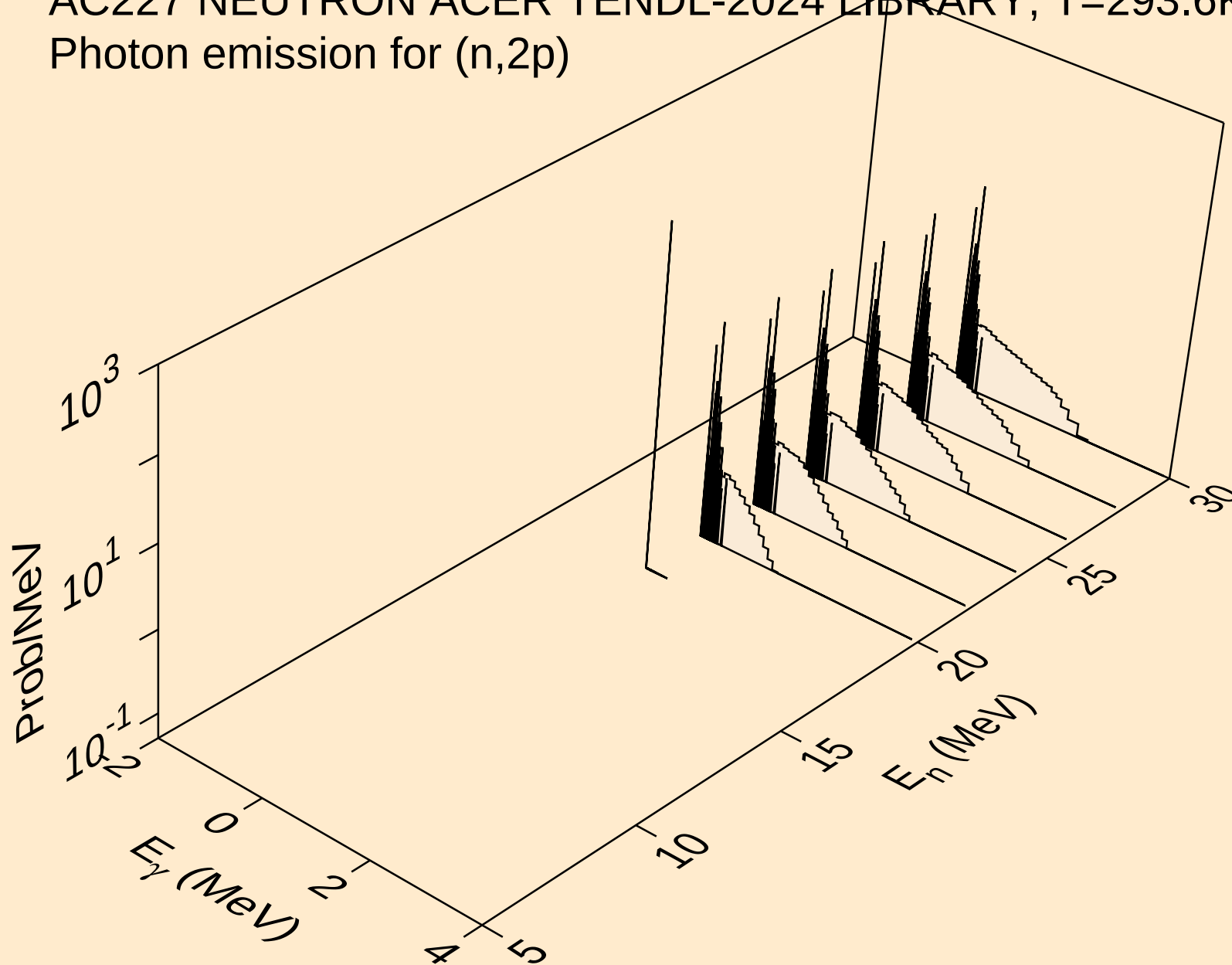
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Photon emission for (n,a)



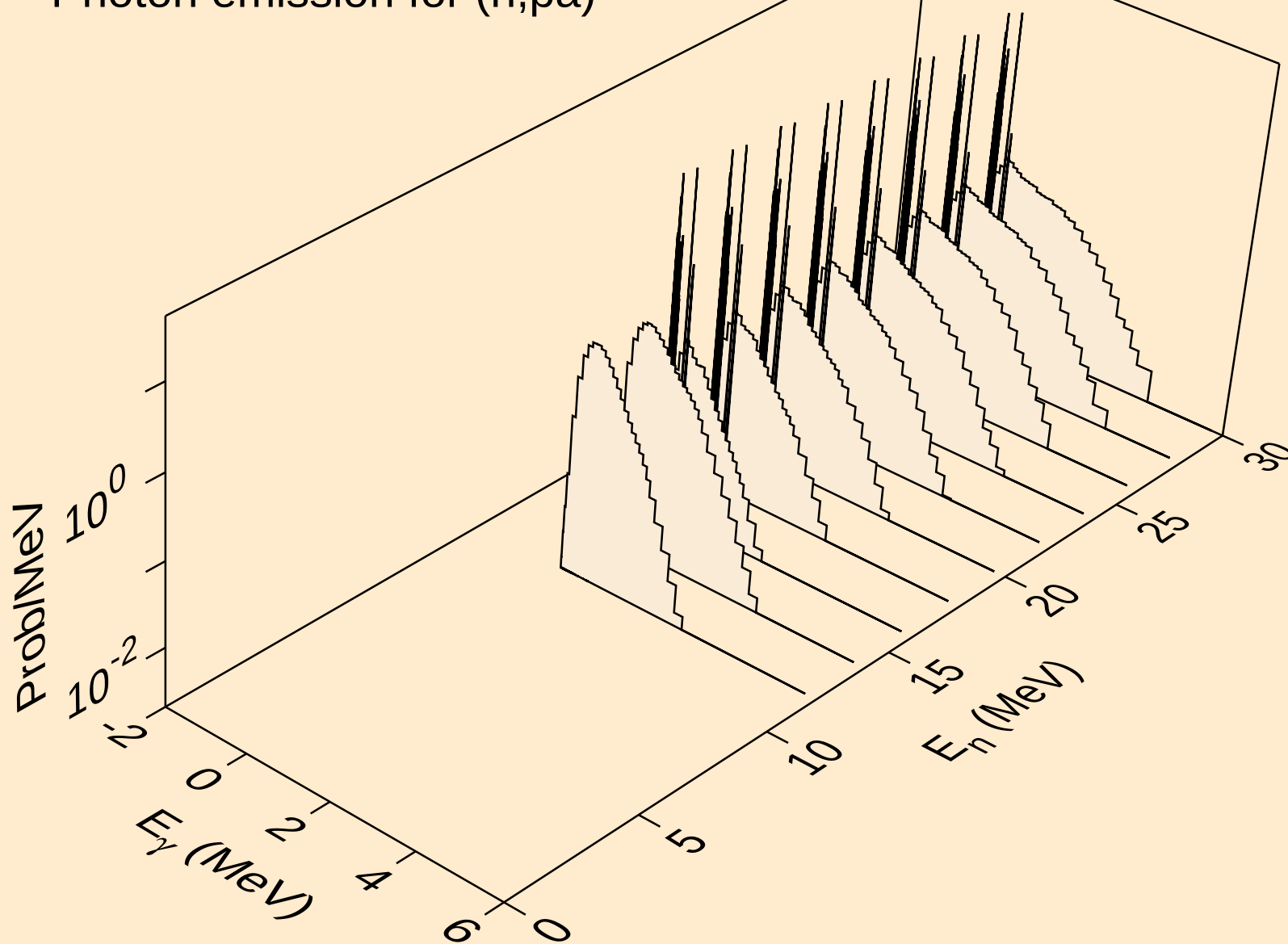
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2a)



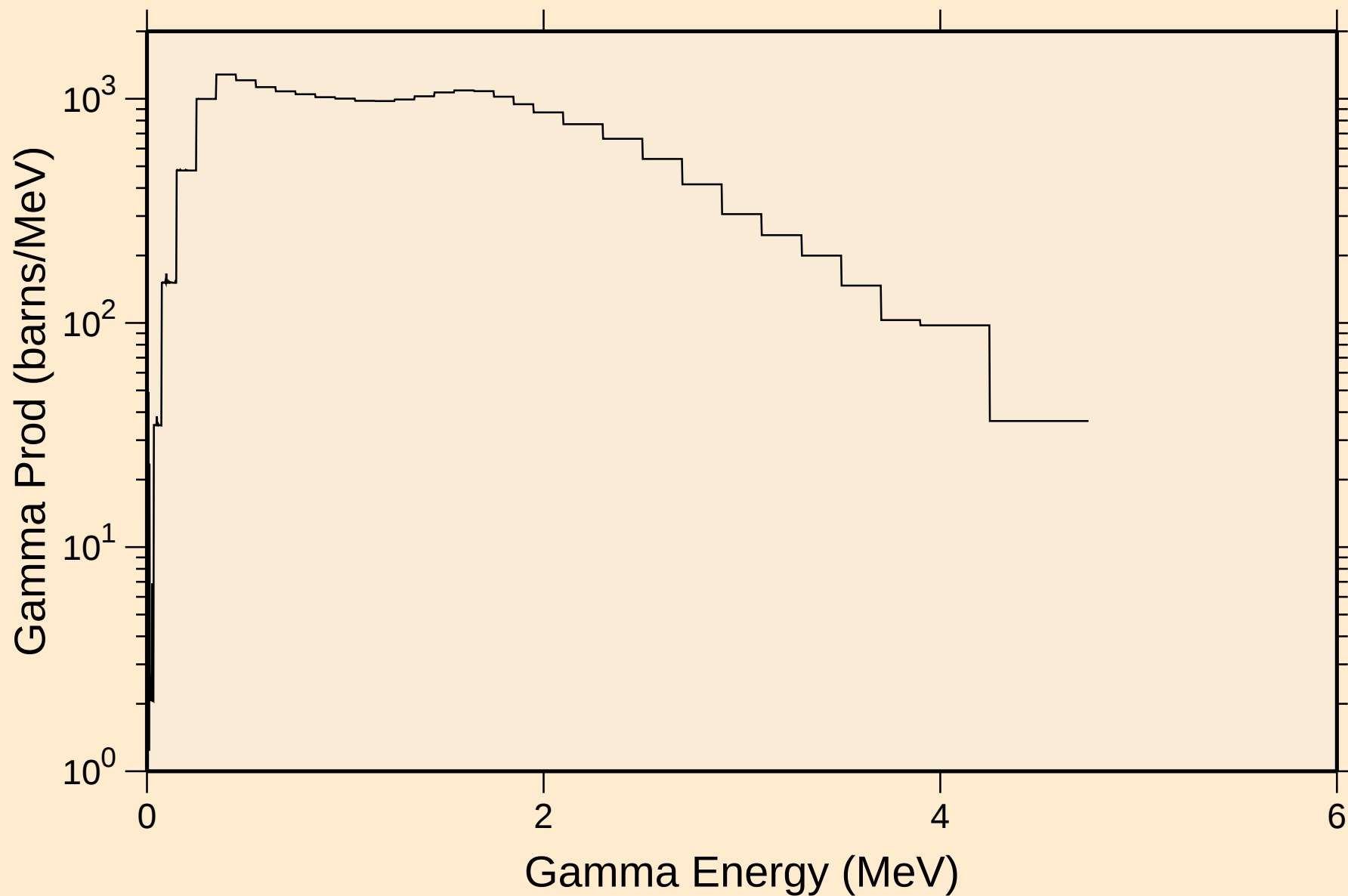
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)



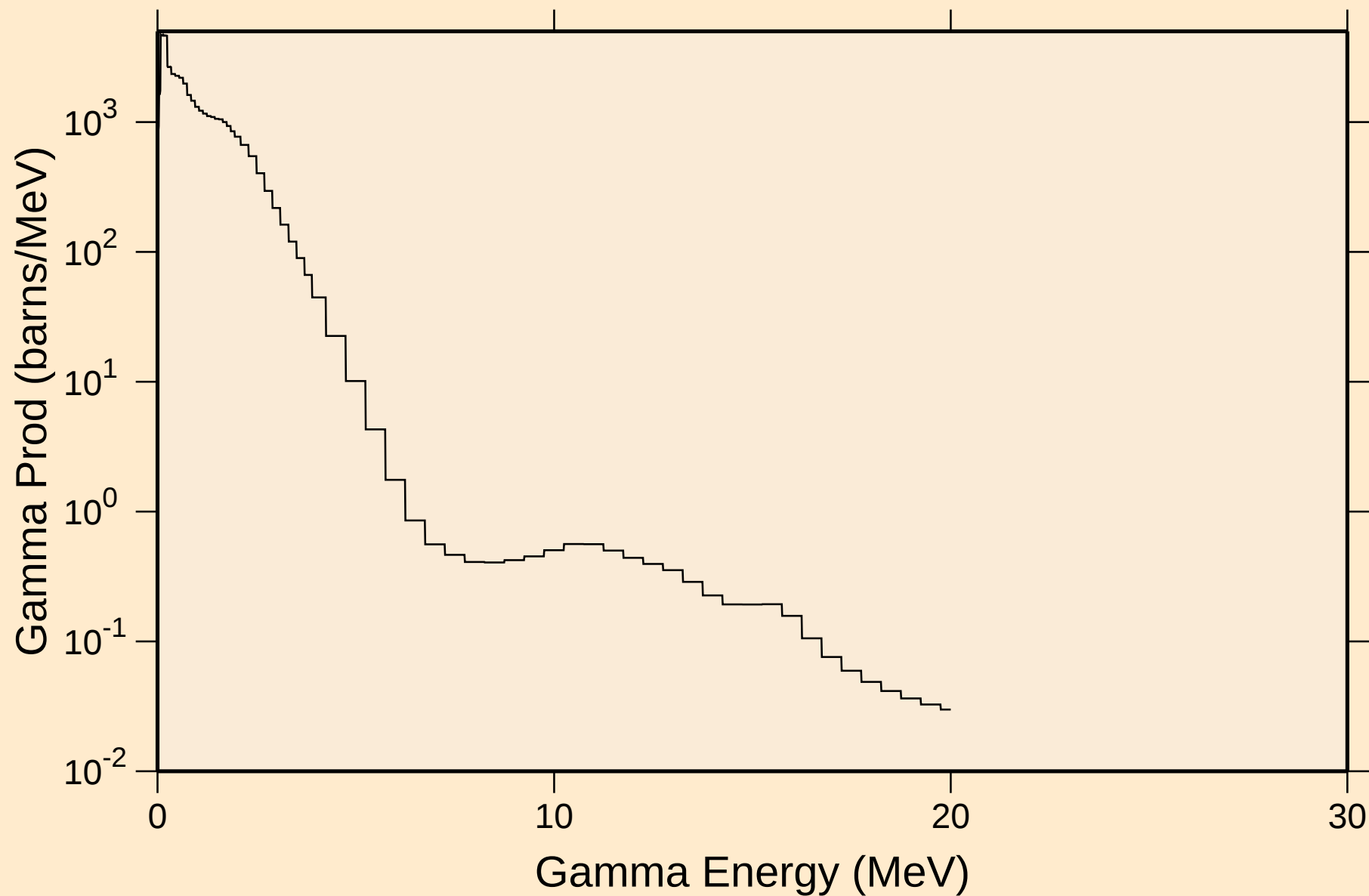
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



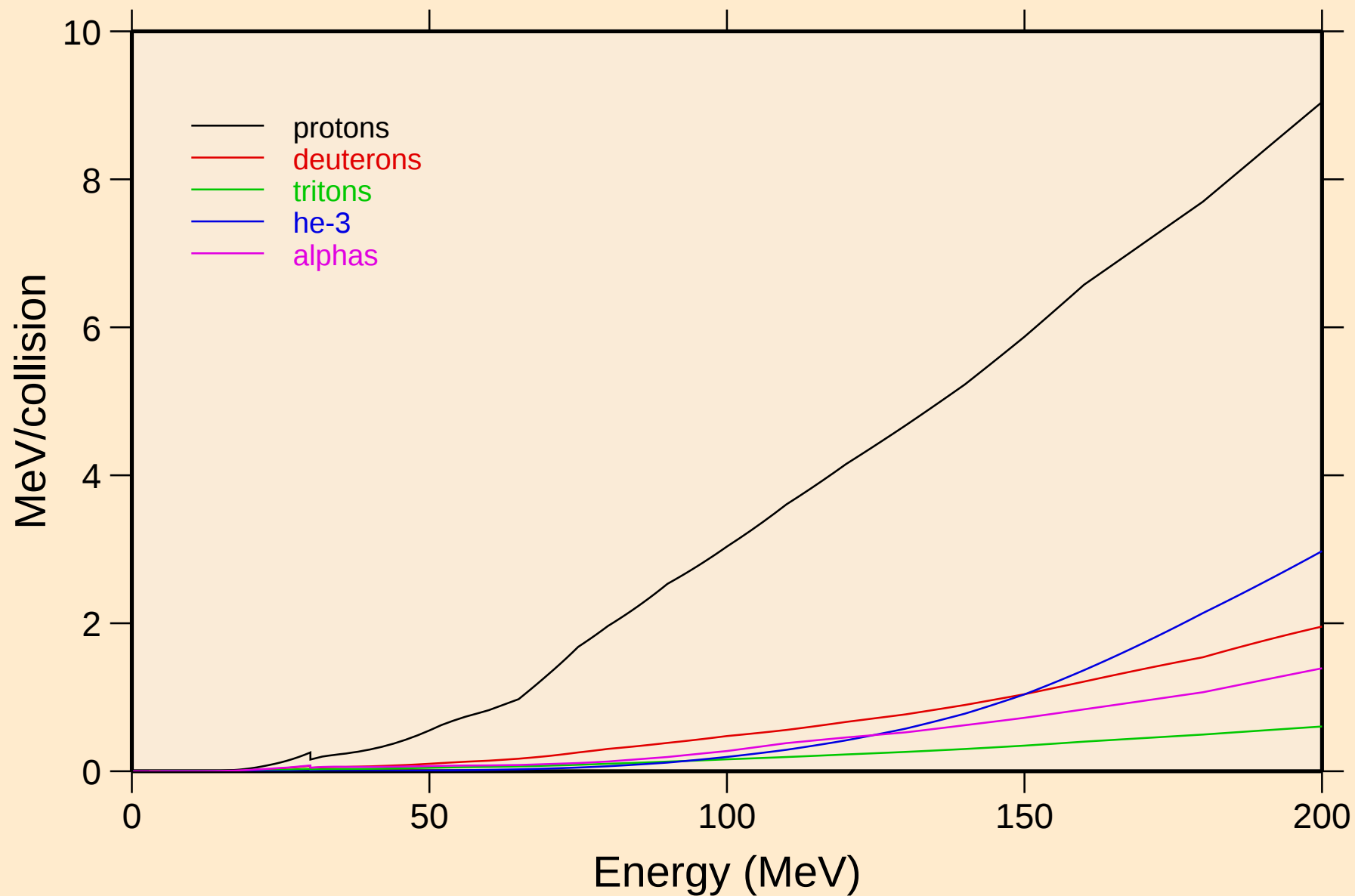
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum



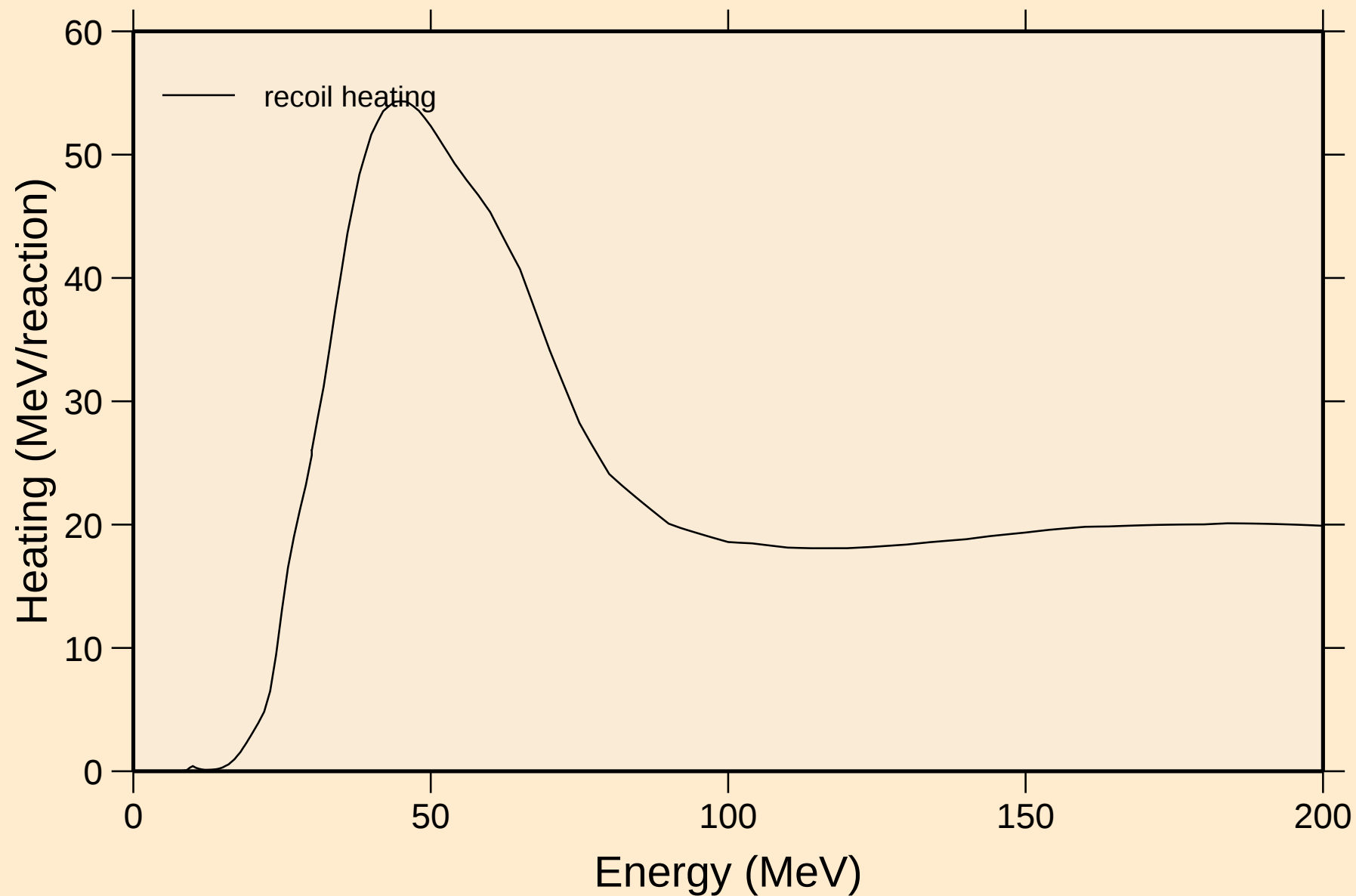
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14 MeV photon spectrum



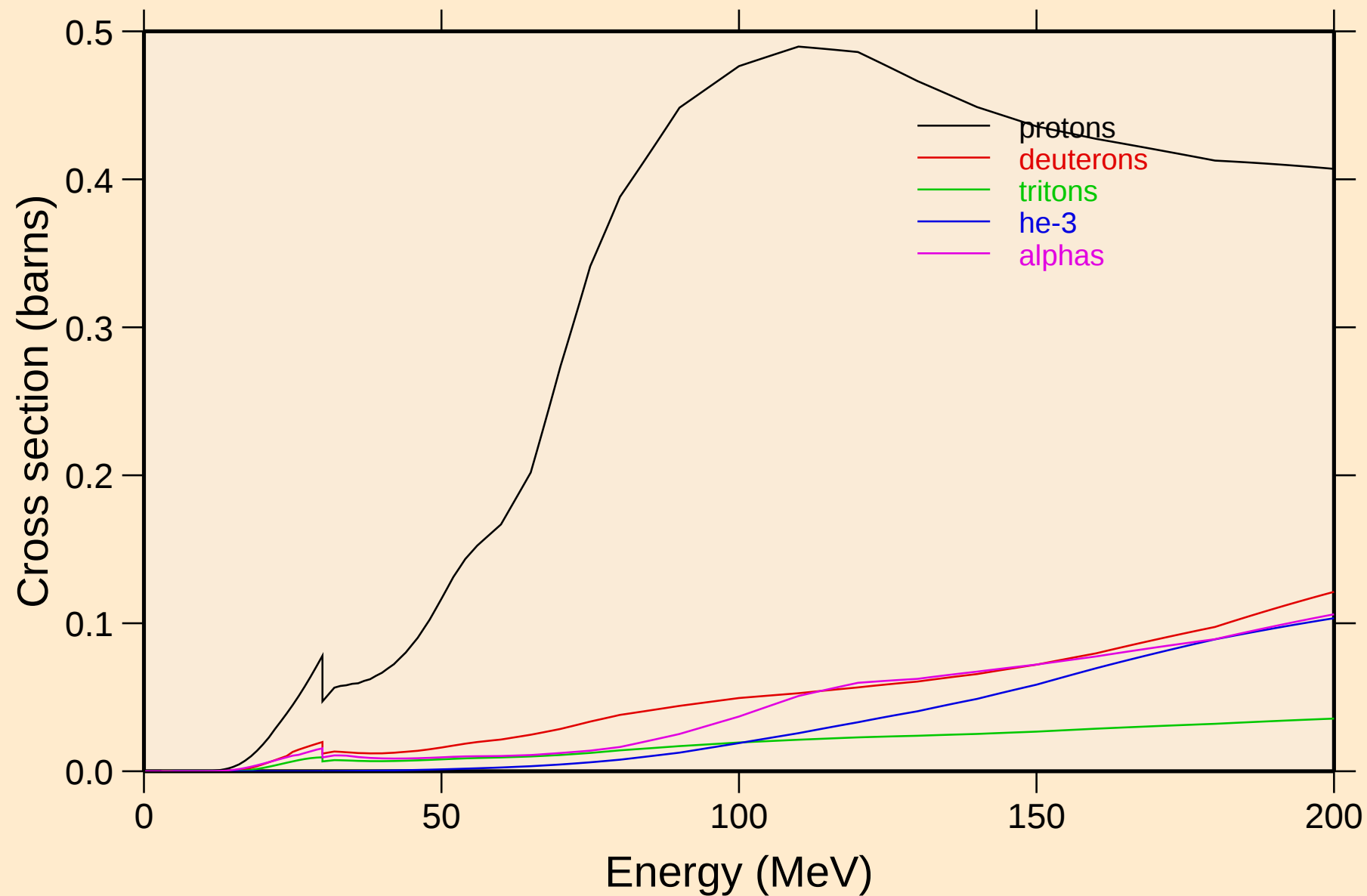
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle heating contributions



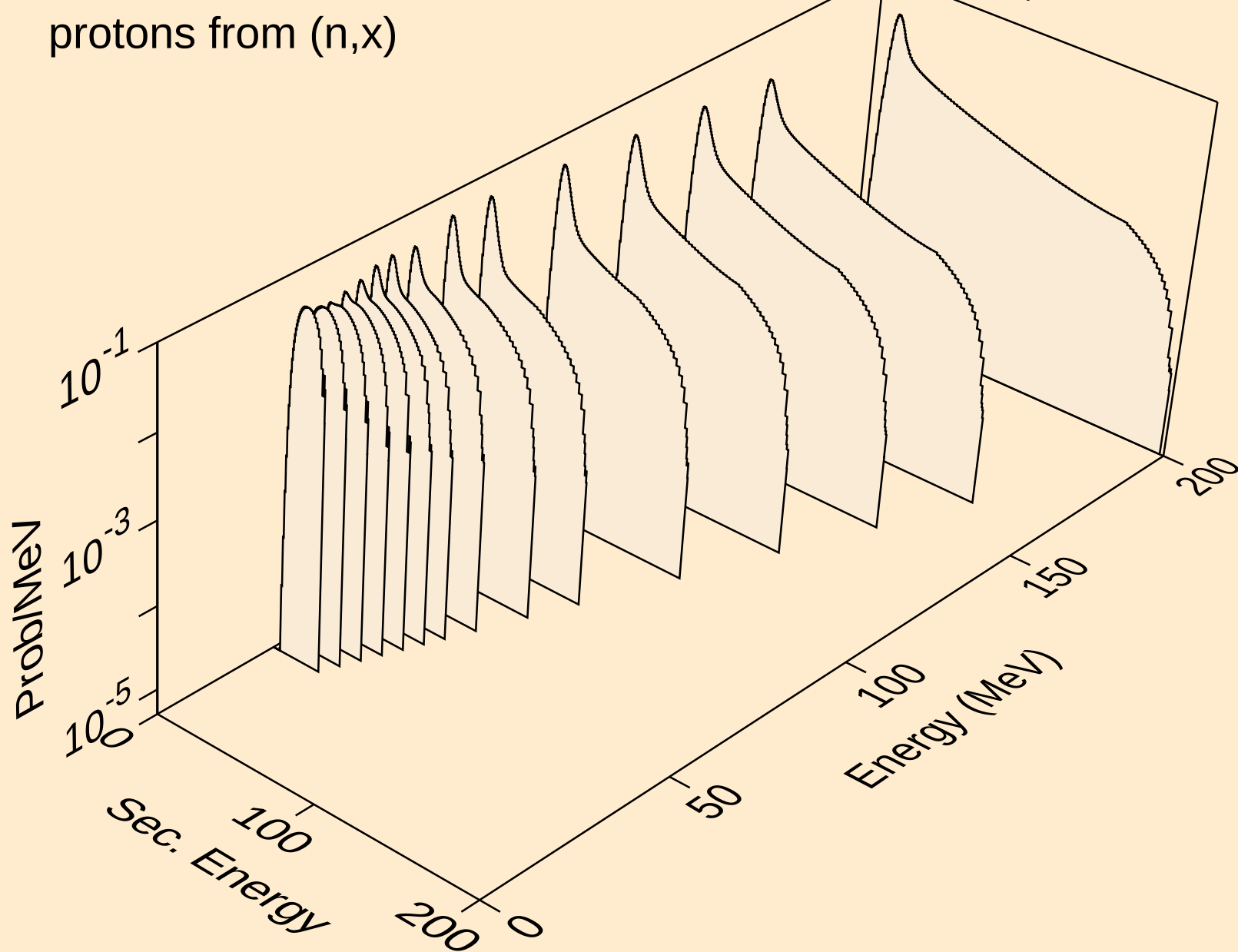
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Recoil Heating



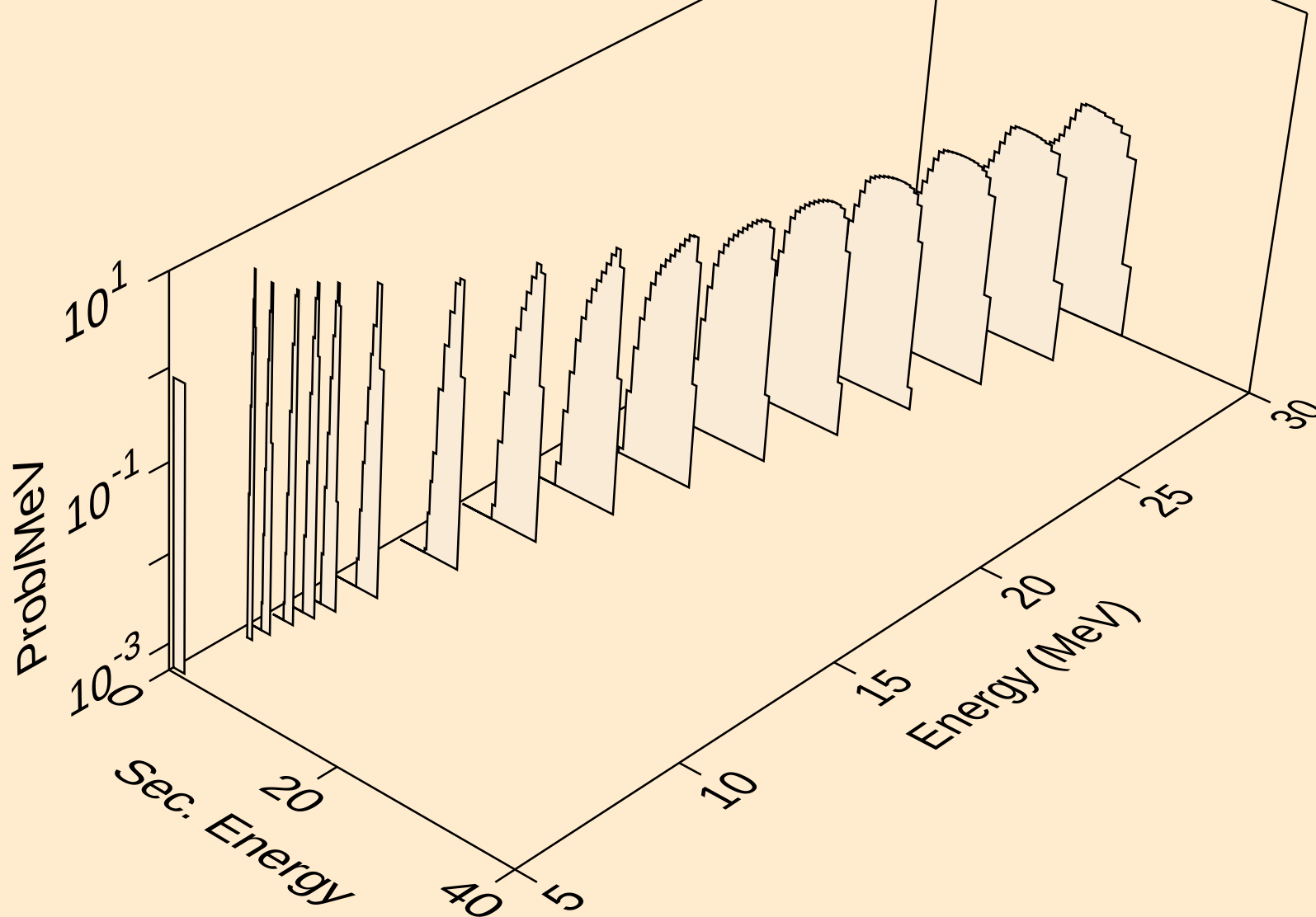
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle production cross sections



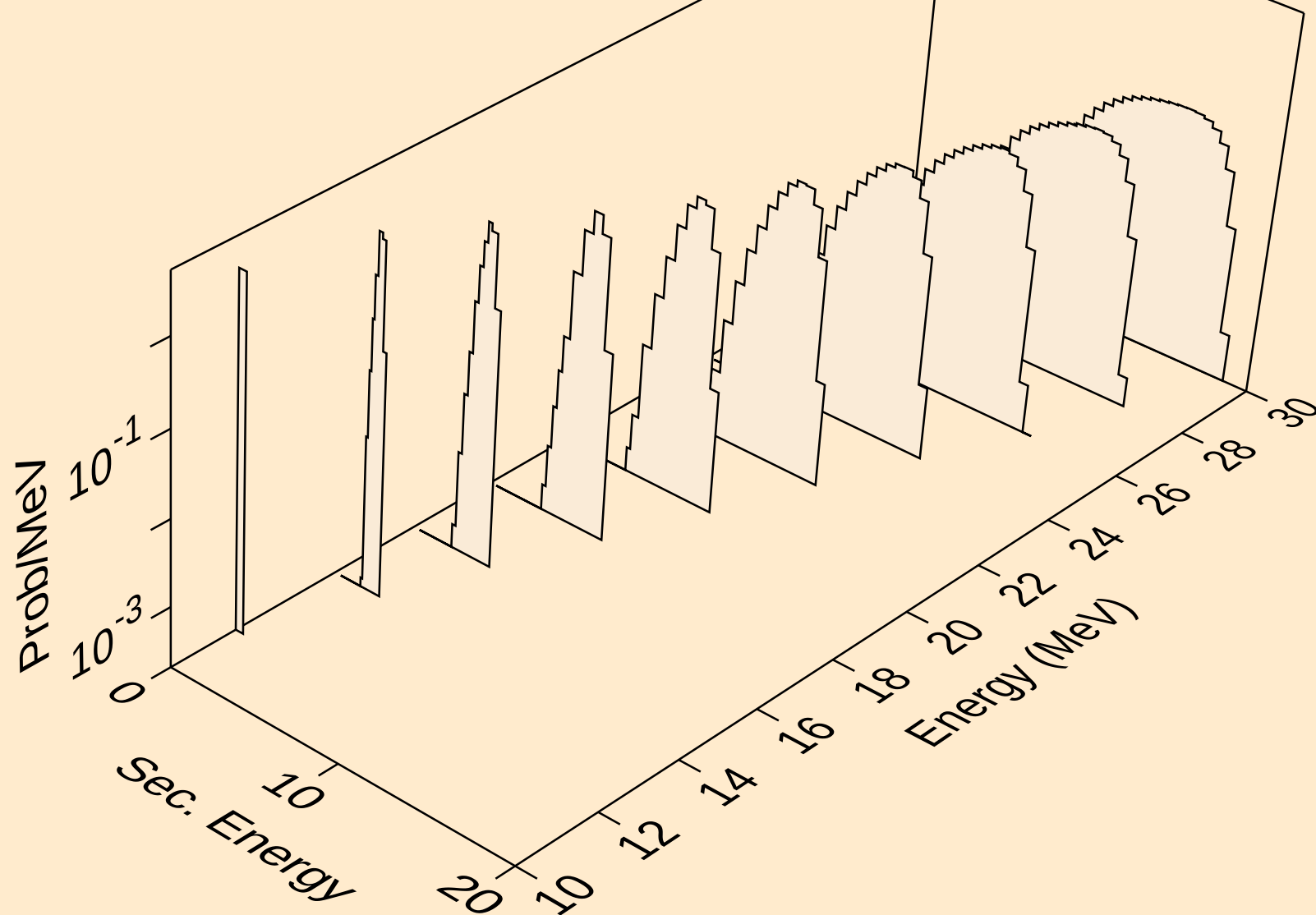
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



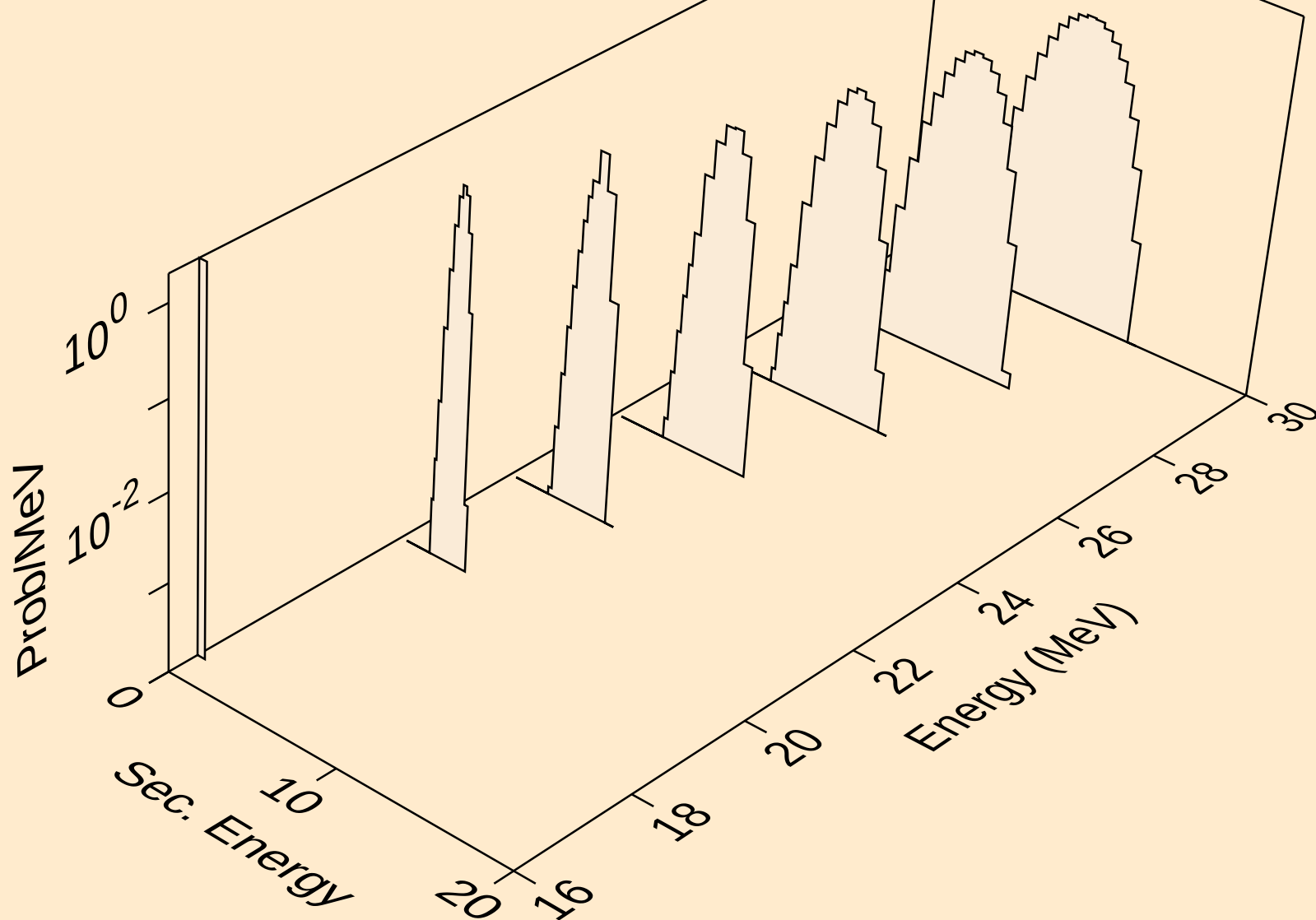
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protons from (n,n\*)p



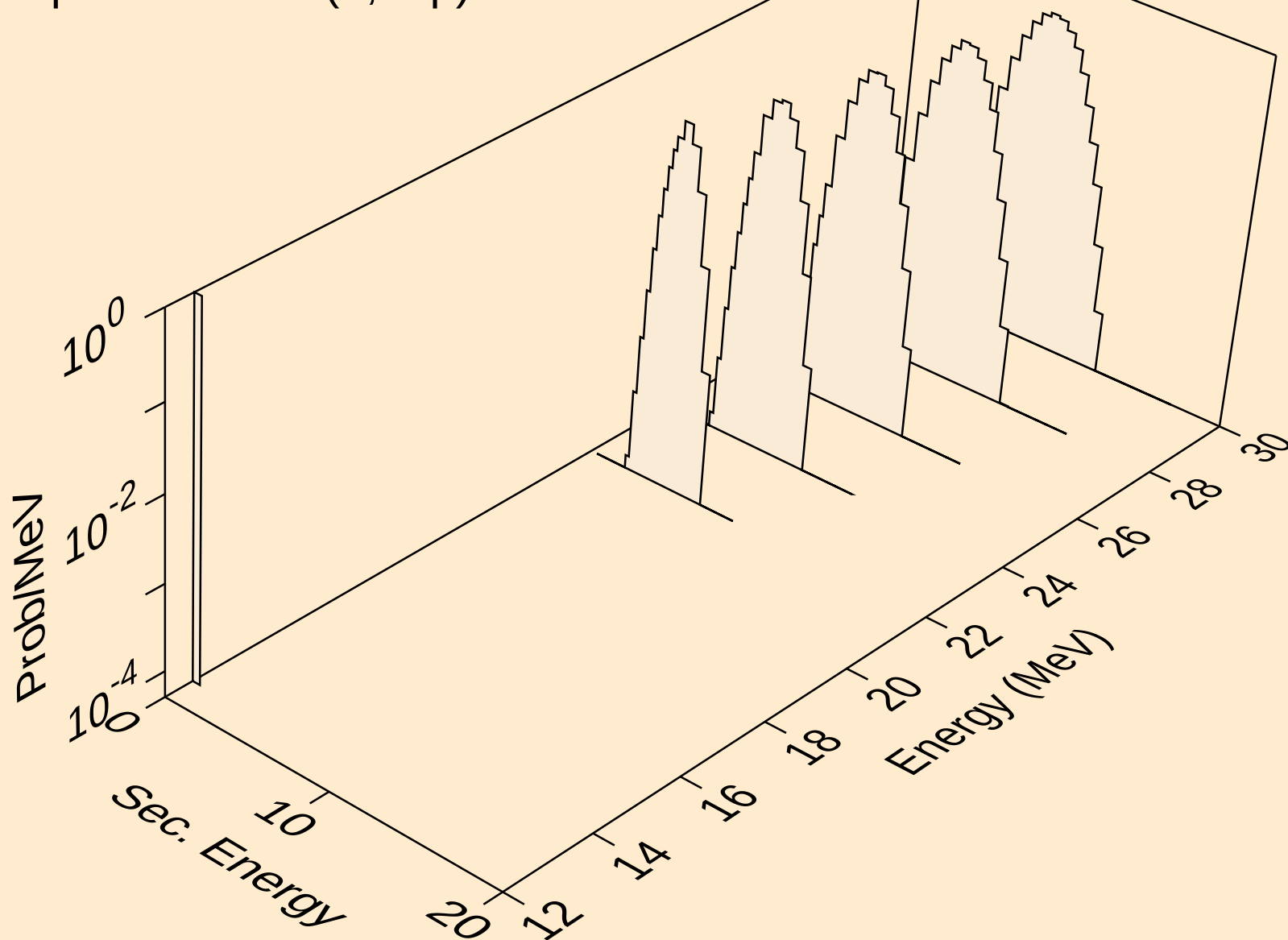
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protons from (n,2np)



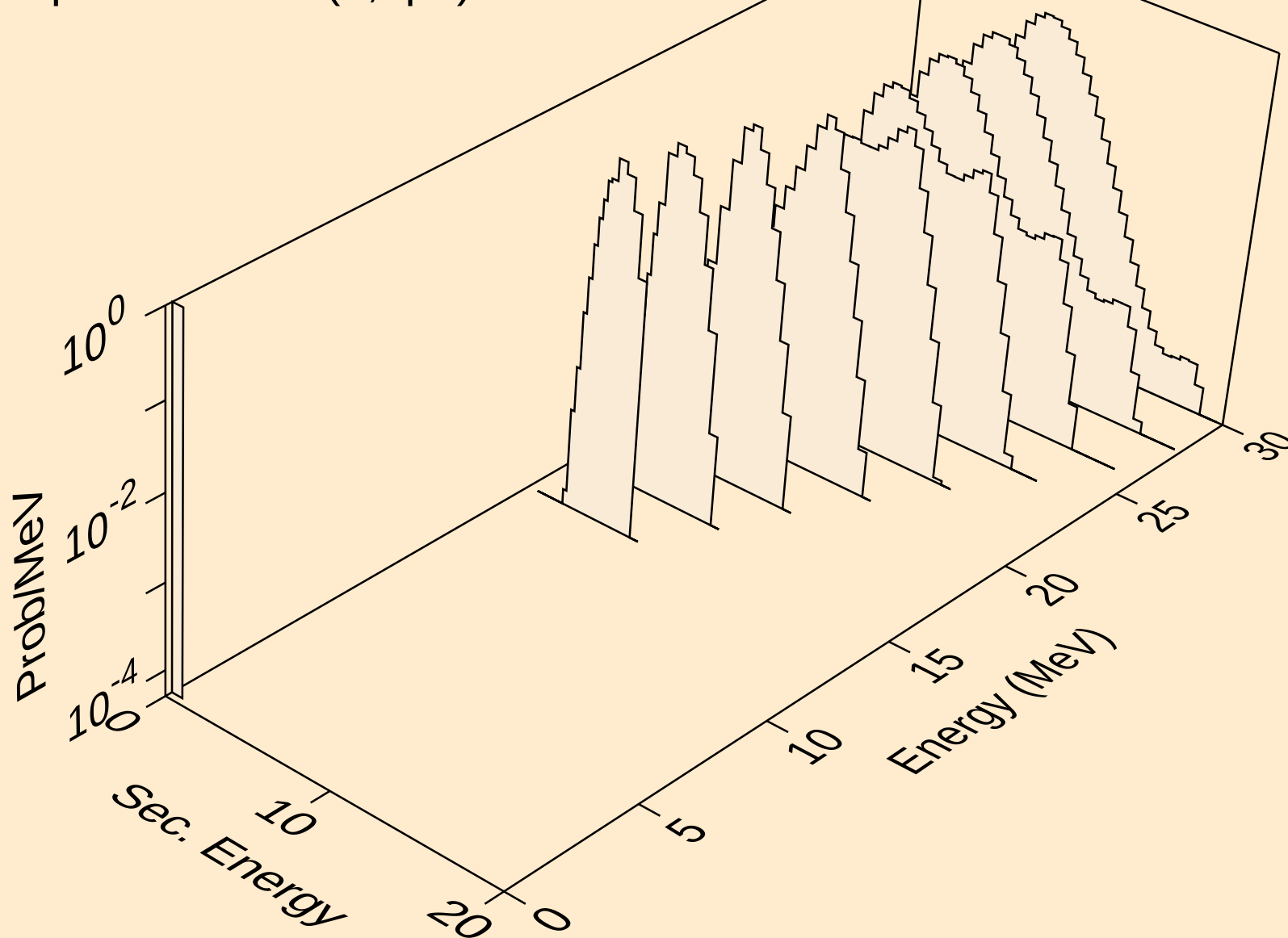
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protons from (n,3np)



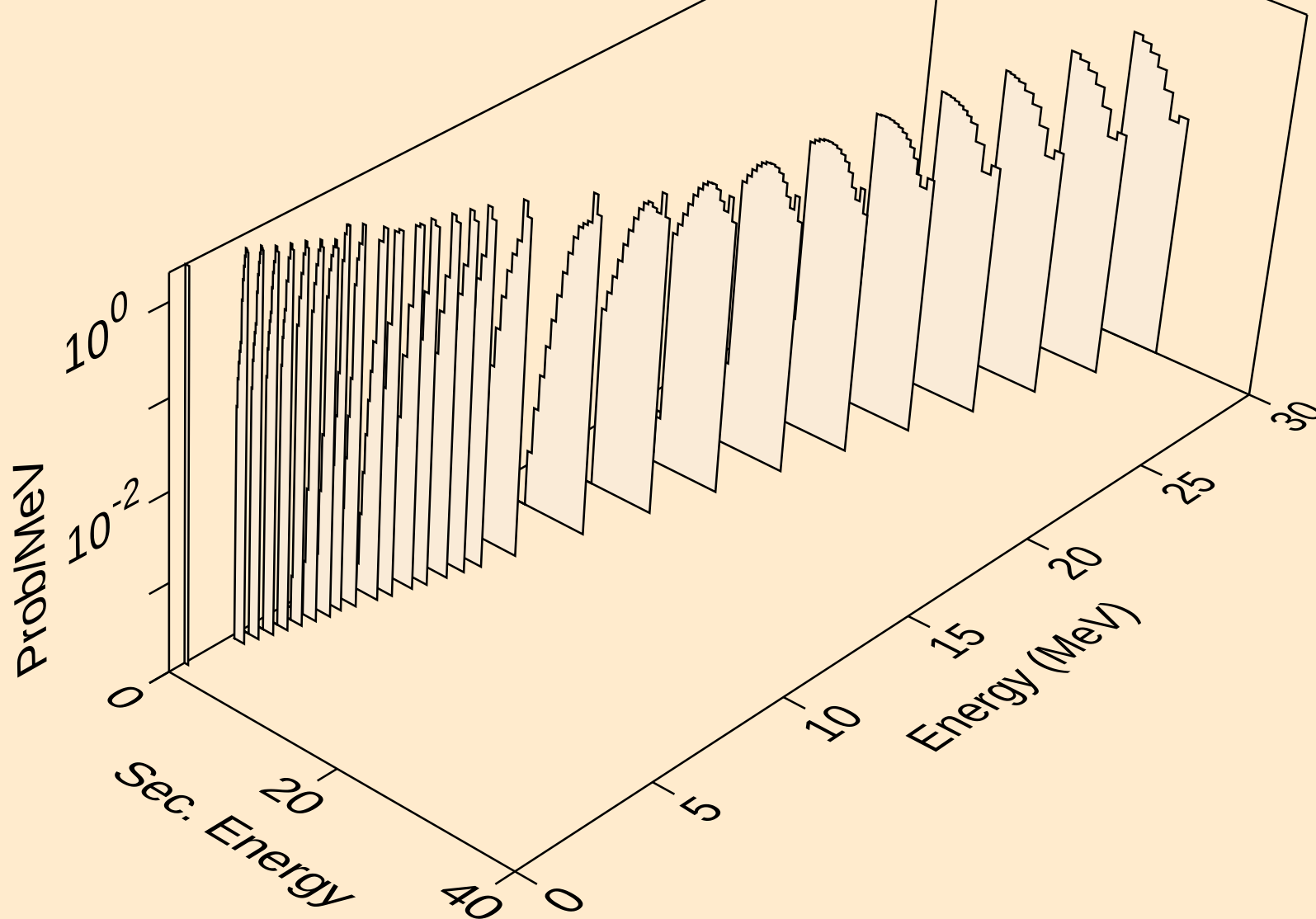
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protons from (n,n2p)



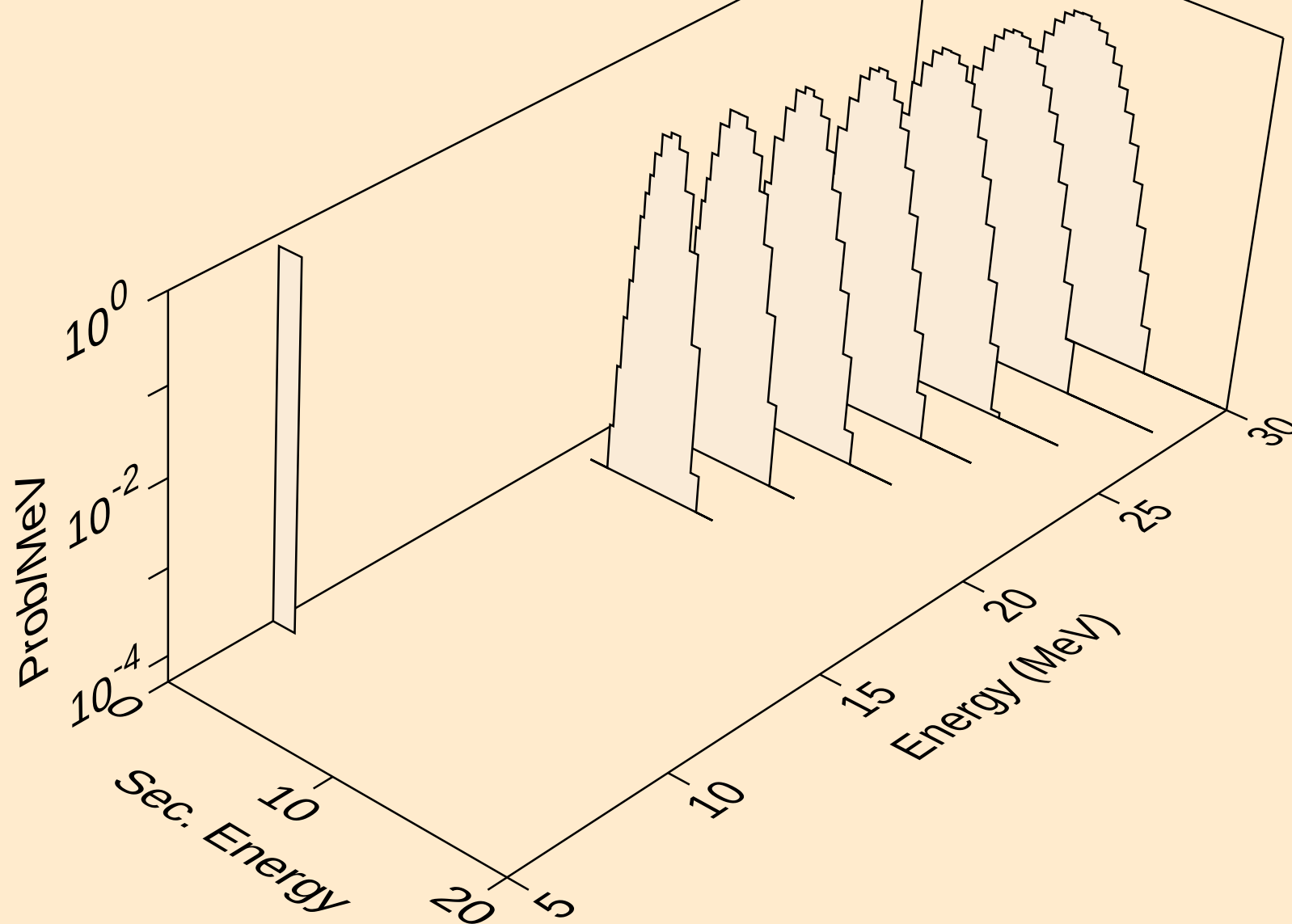
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protons from (n,npa)



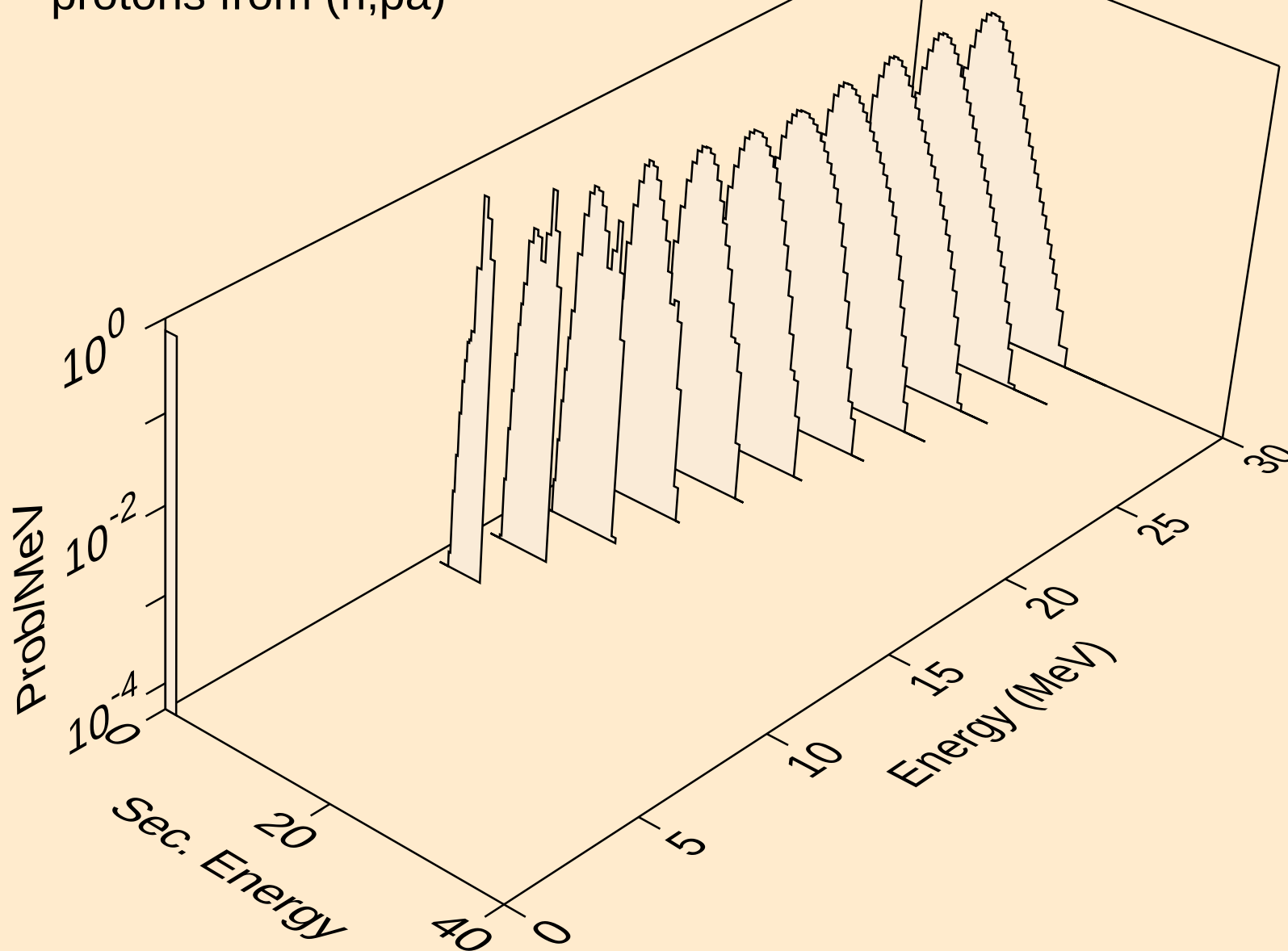
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protons from (n,p)



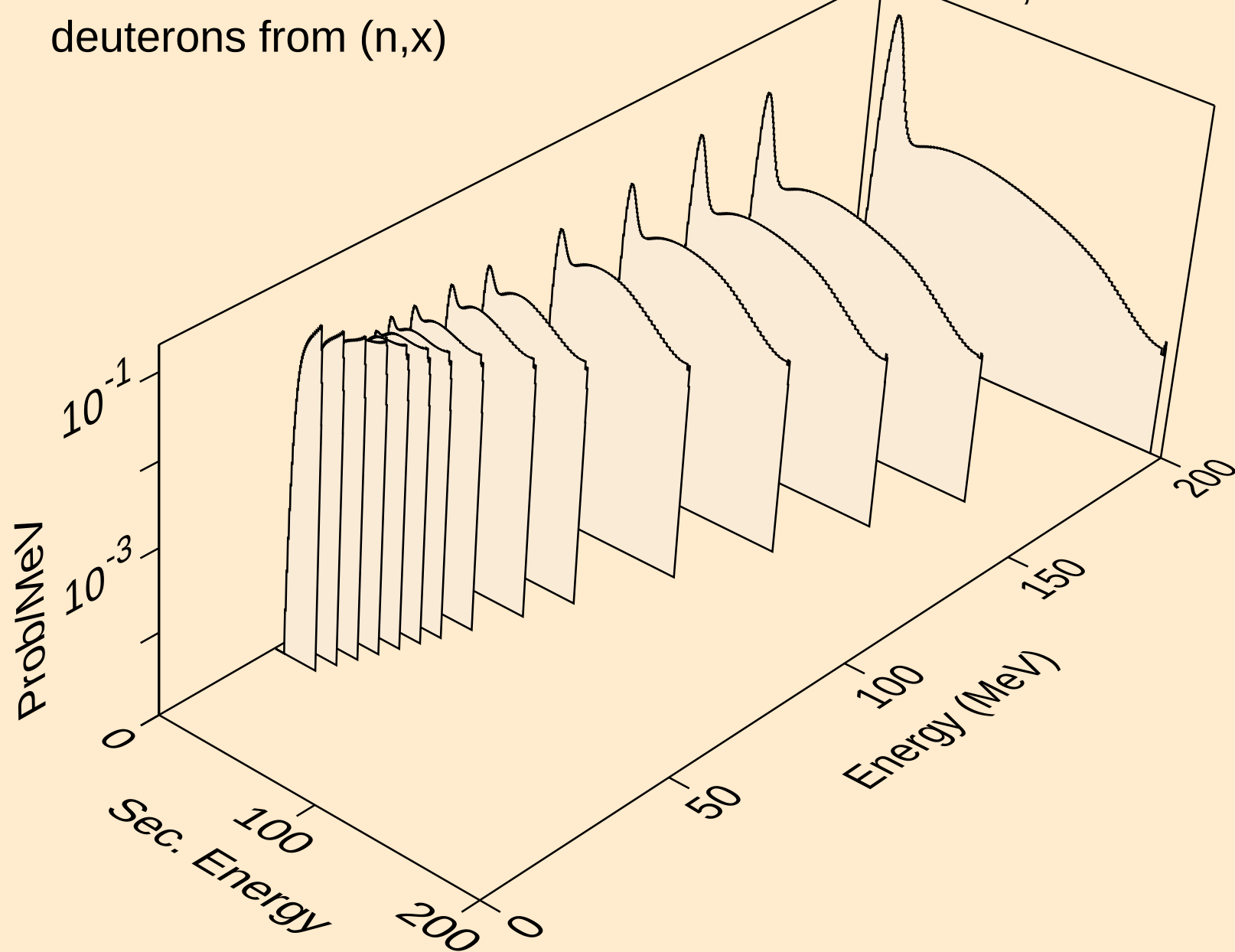
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protons from (n,2p)



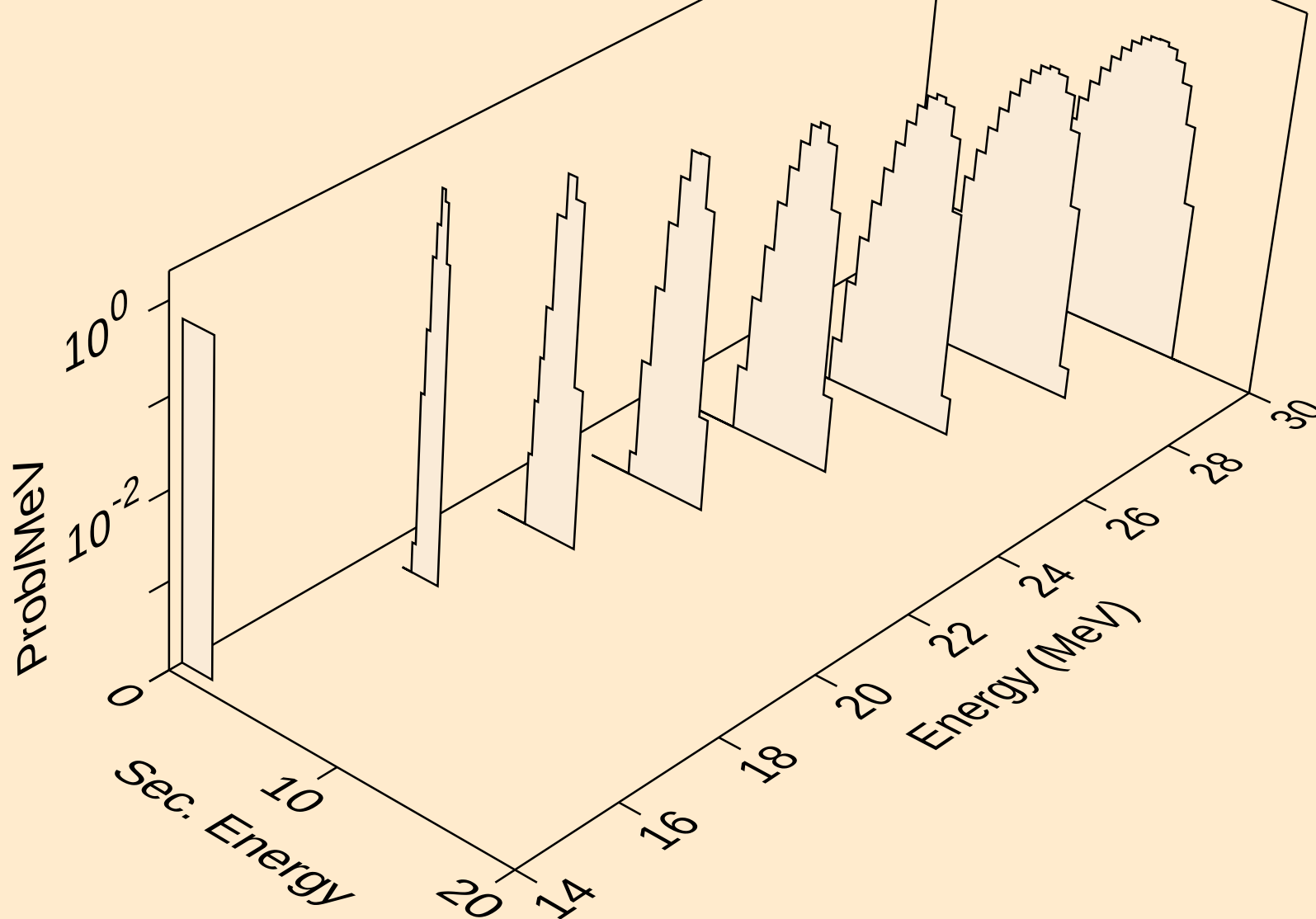
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protons from (n,p)



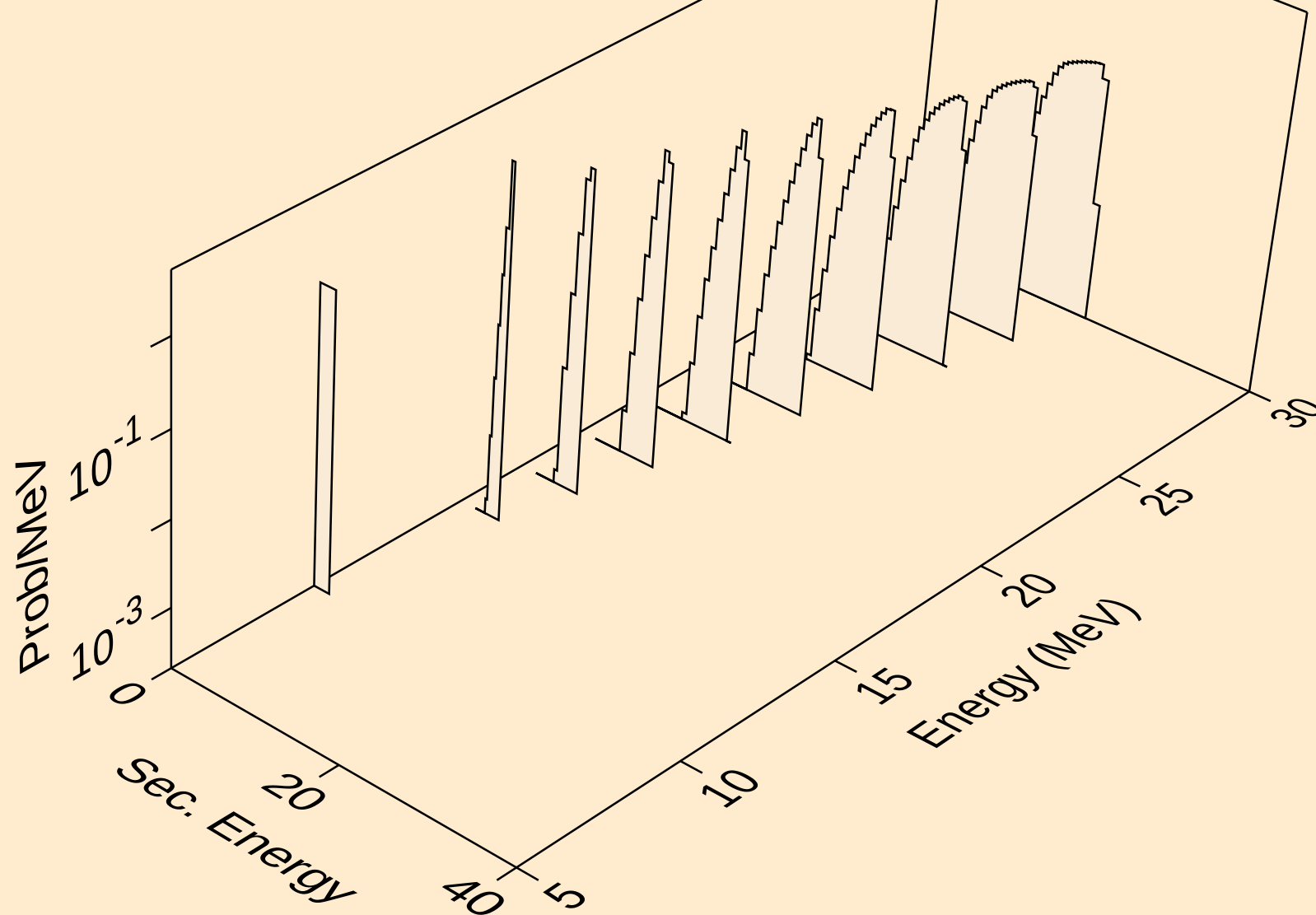
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deuterons from (n,x)



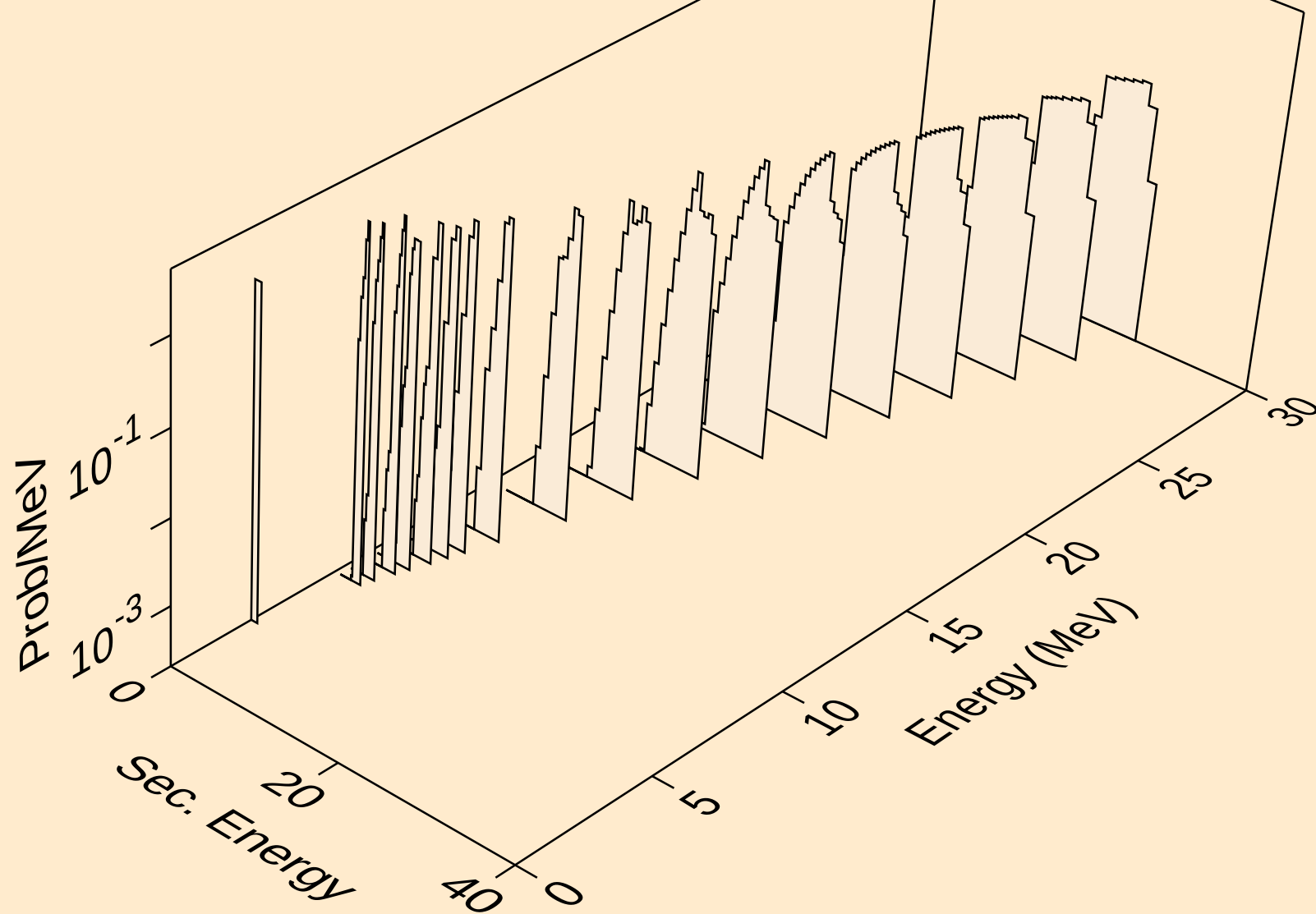
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deuterons from (n,2nd)



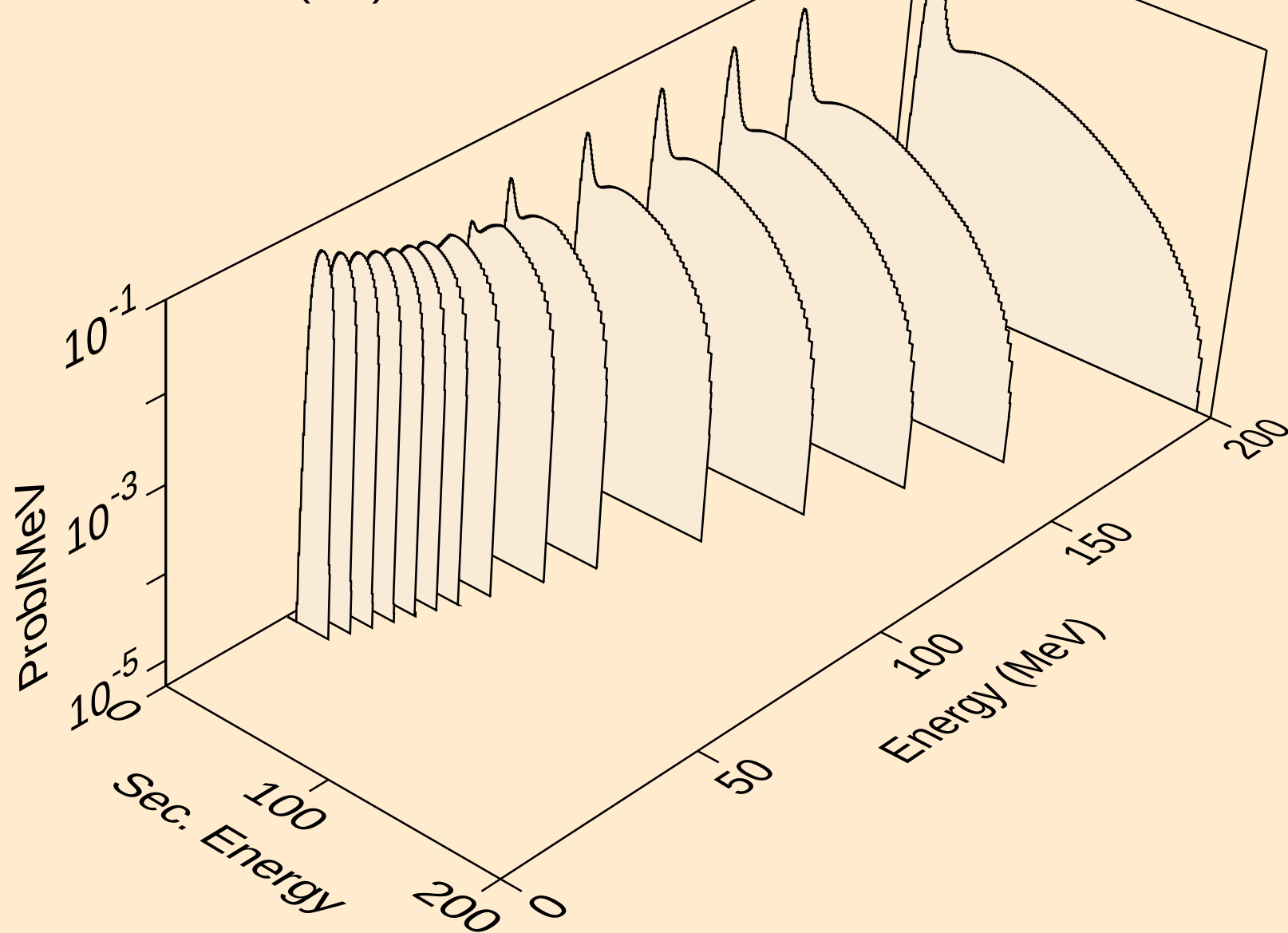
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deuterons from (n,n\*)d



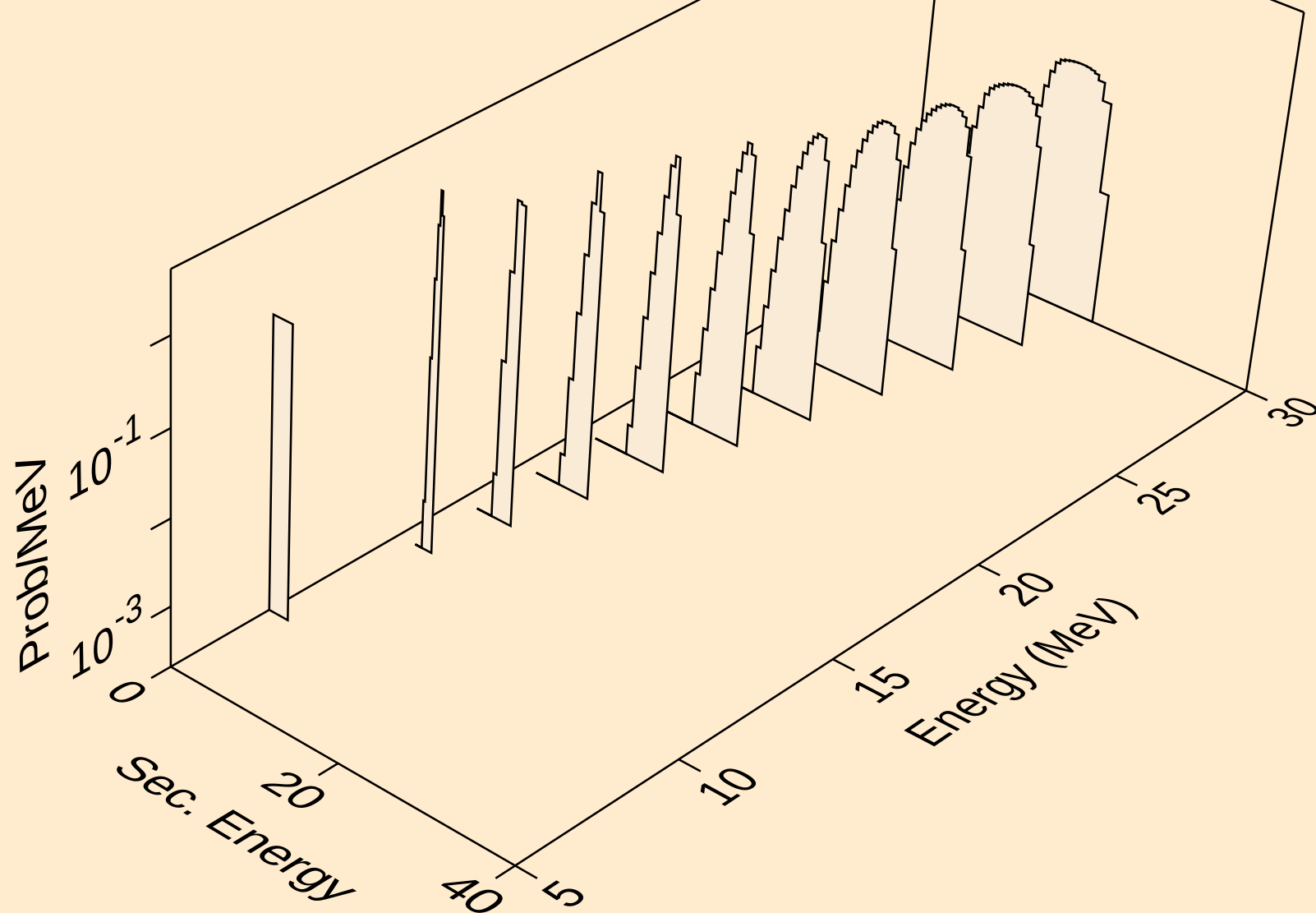
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deuterons from (n,d)



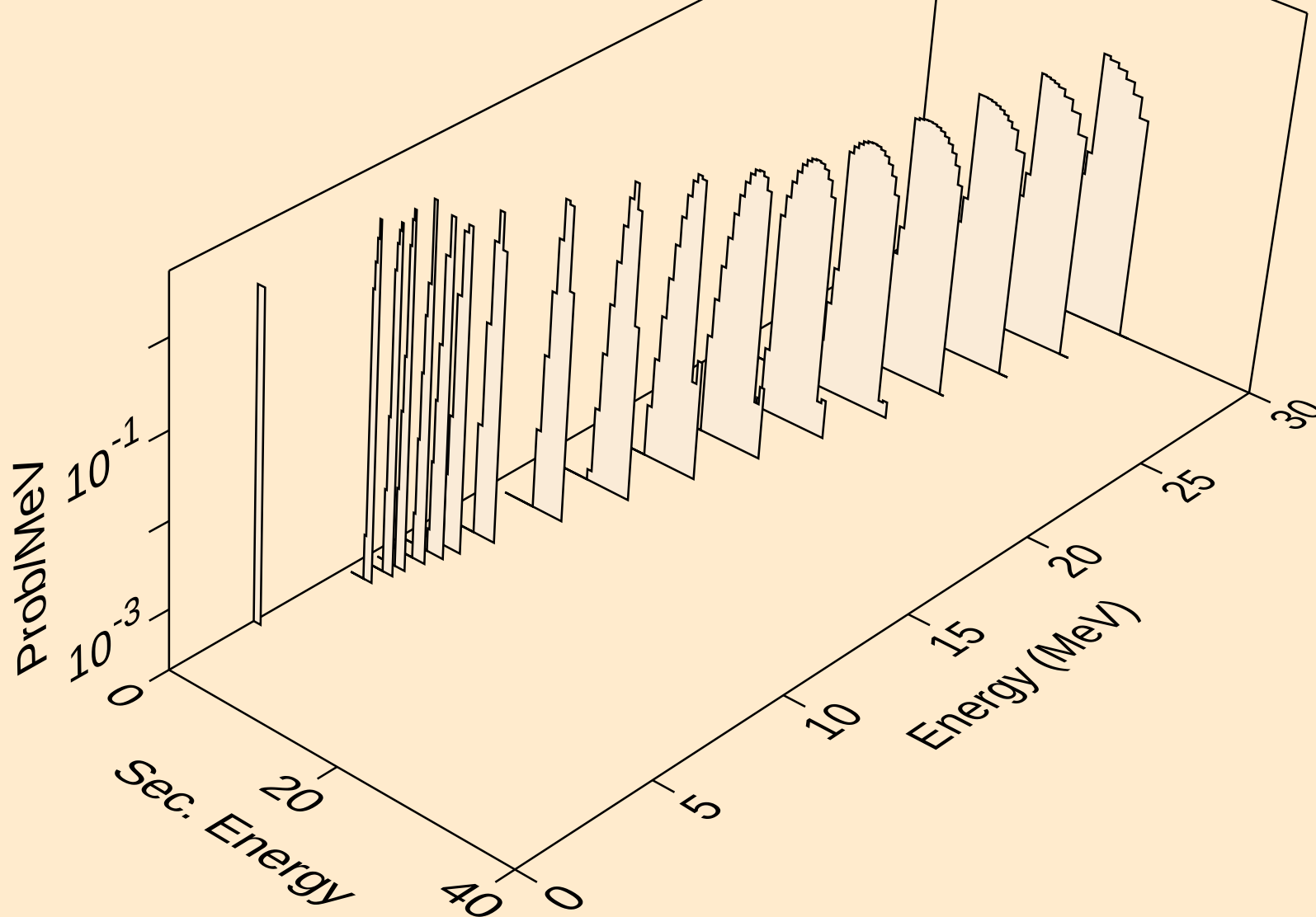
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tritons from (n,x)



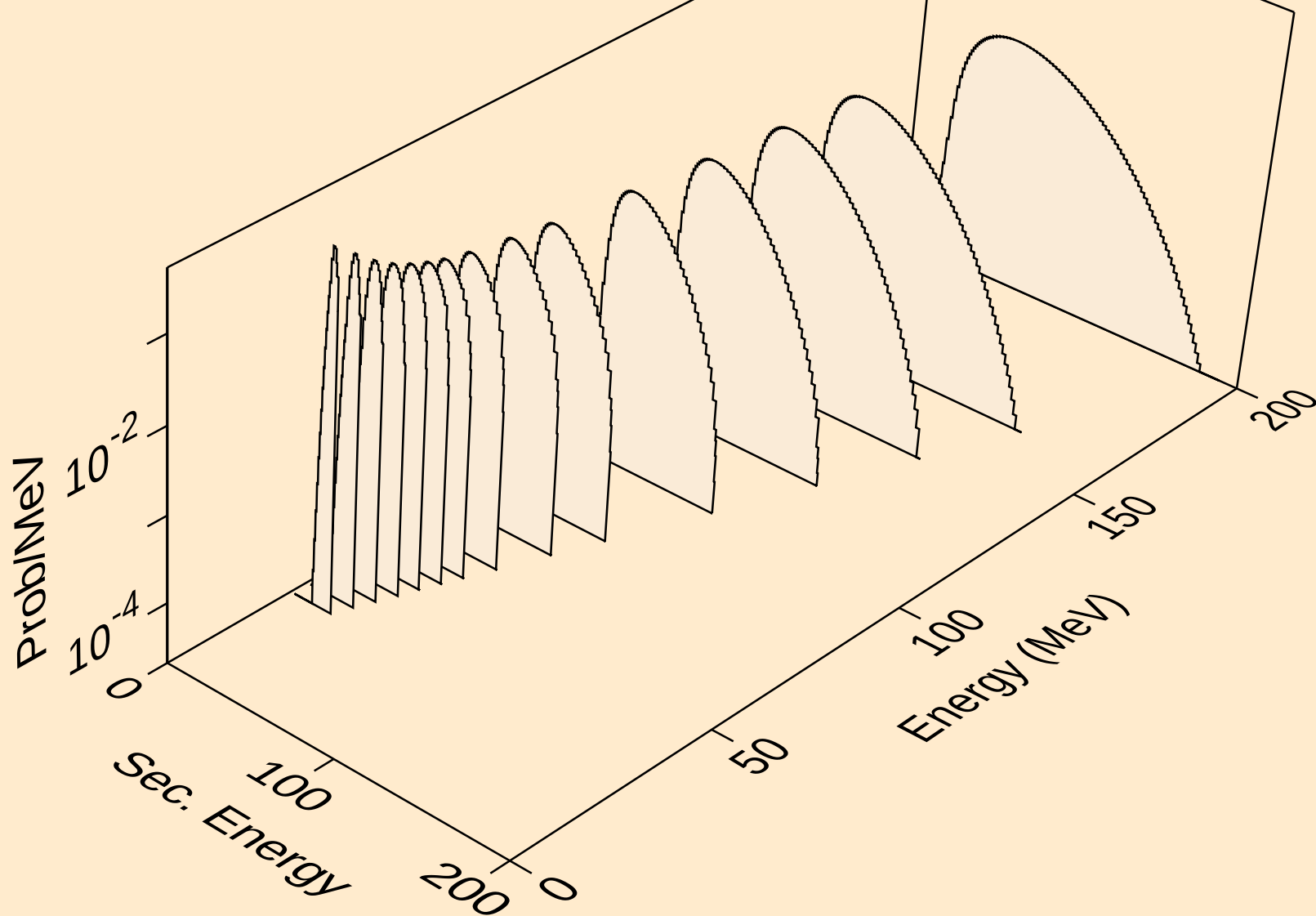
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tritons from (n,n\*)t



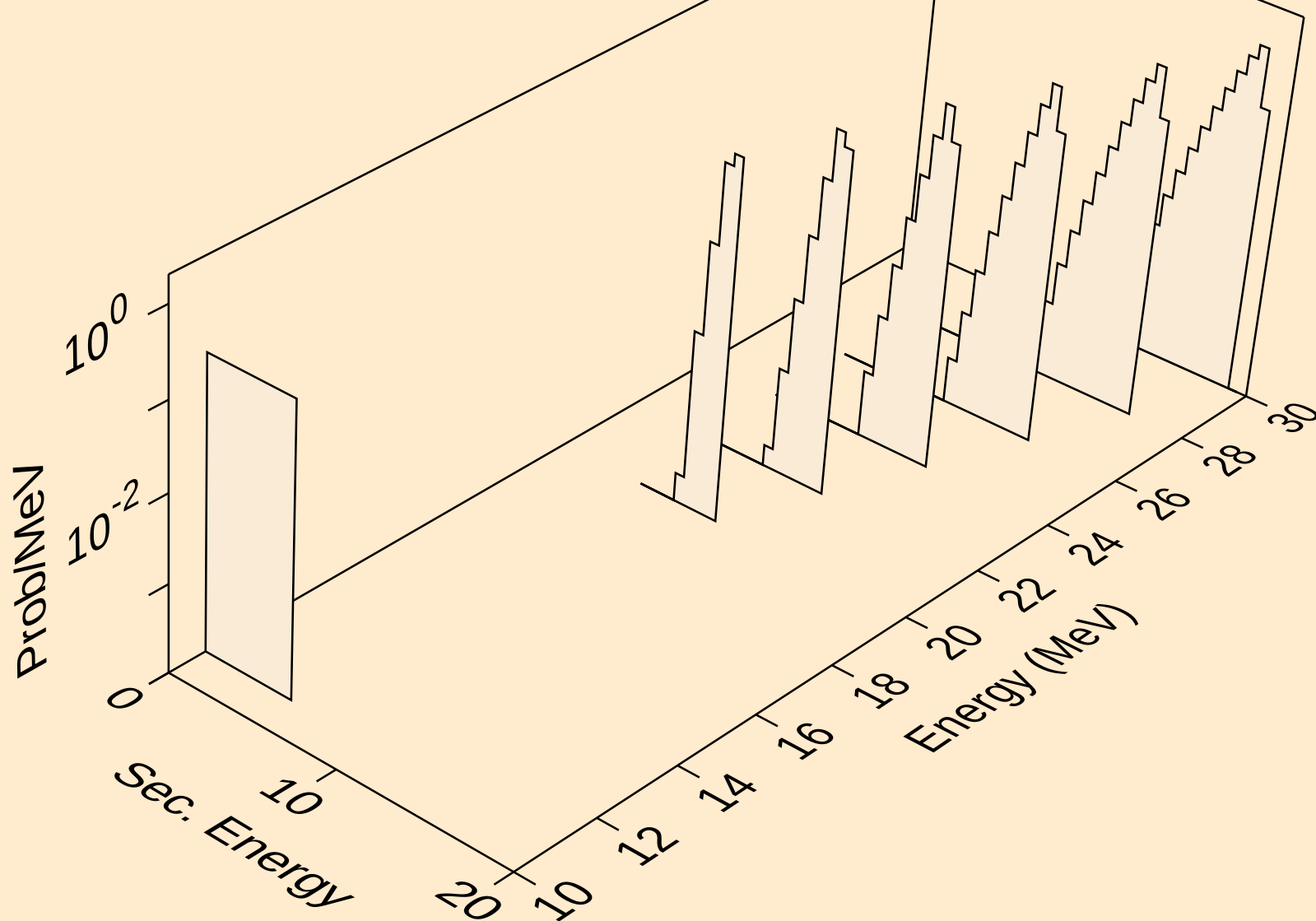
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tritons from (n,t)



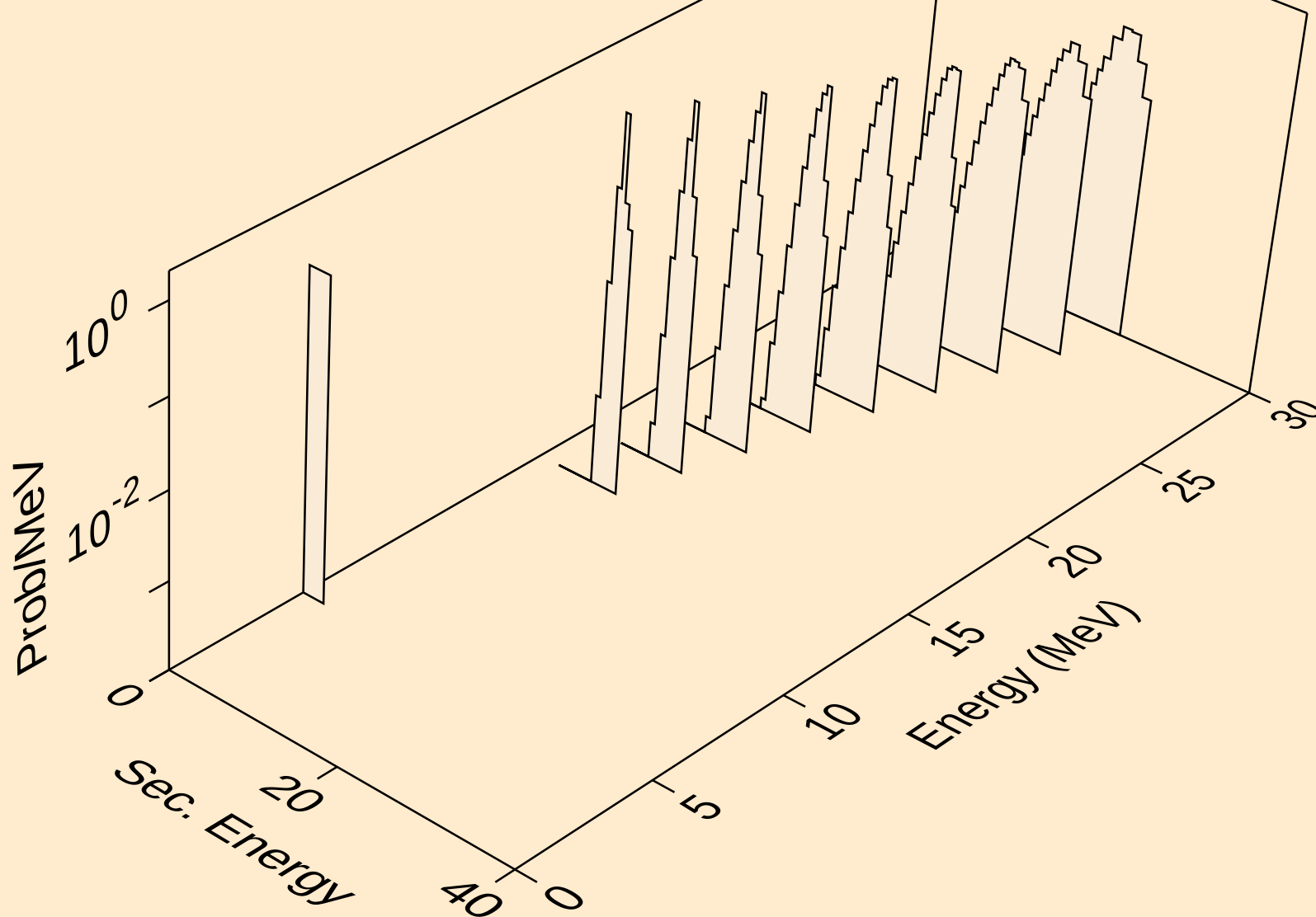
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



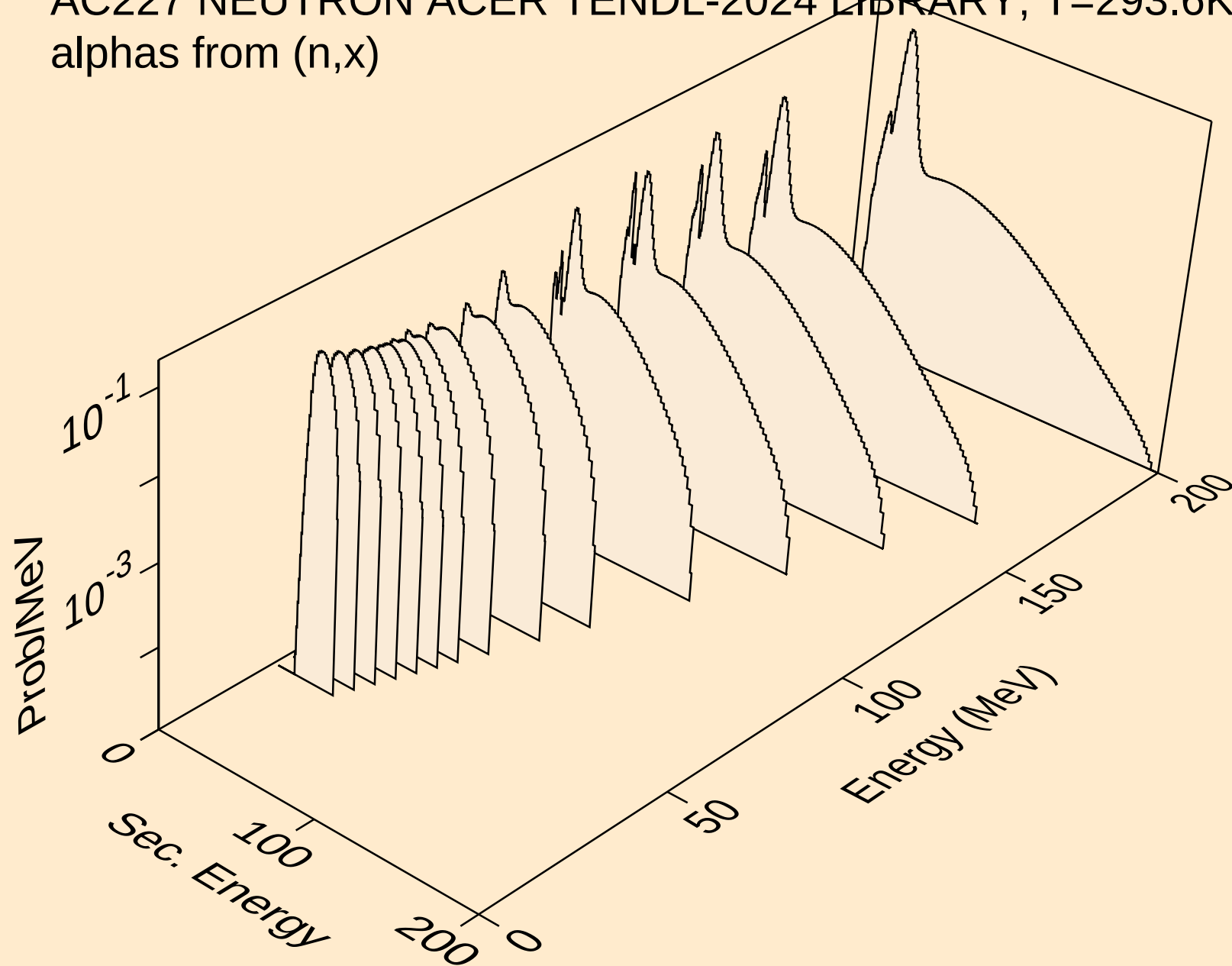
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



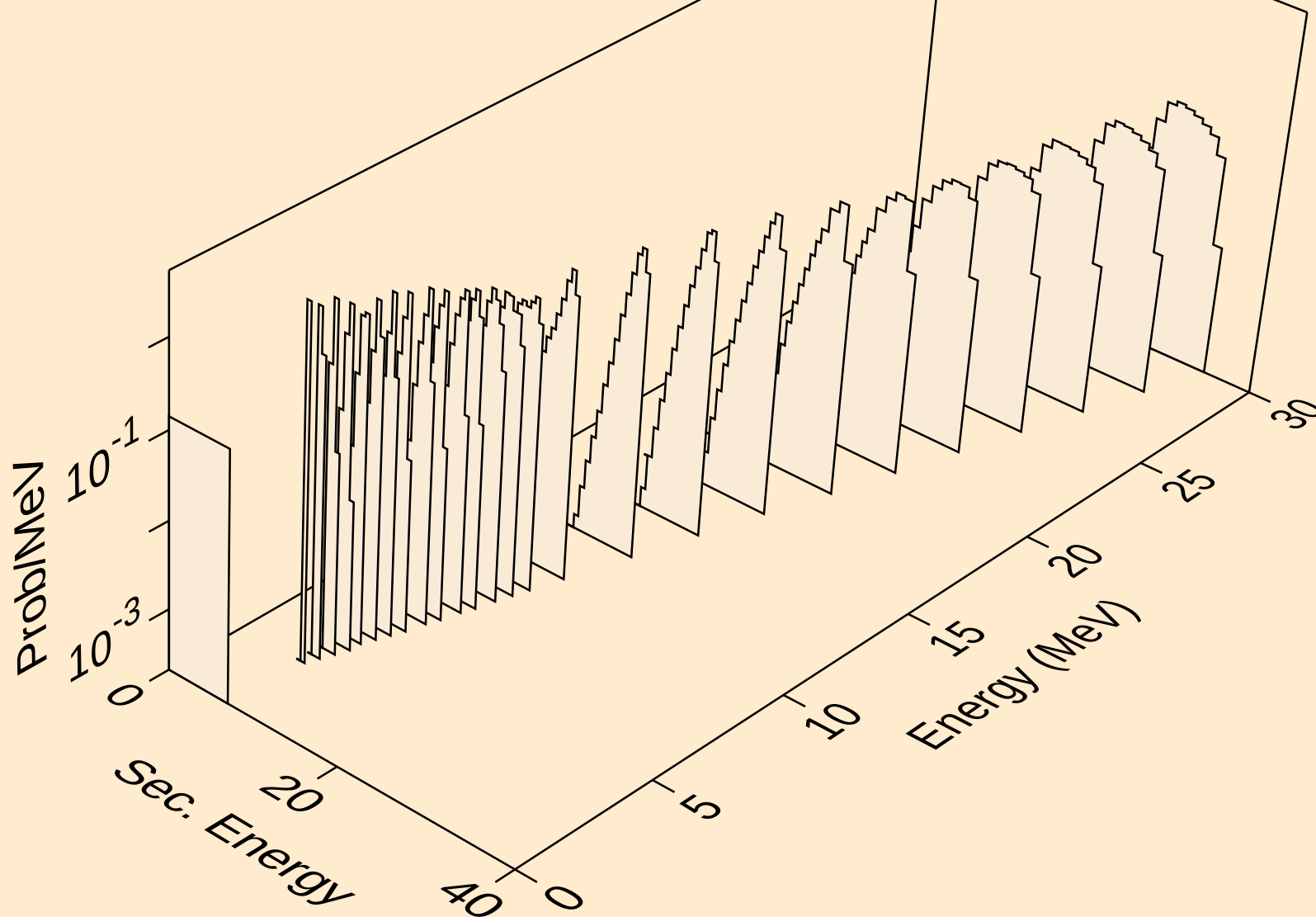
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,he3)



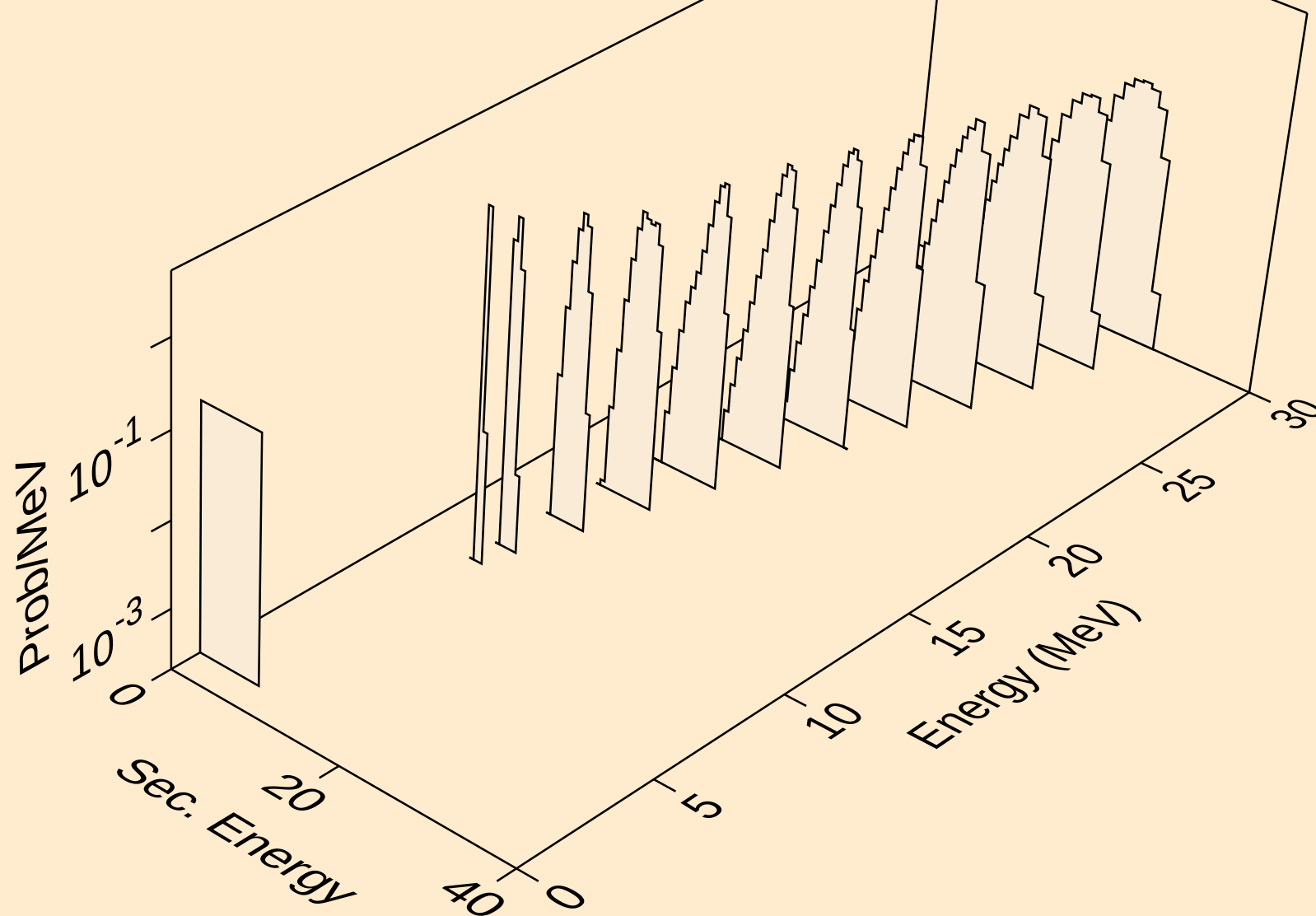
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



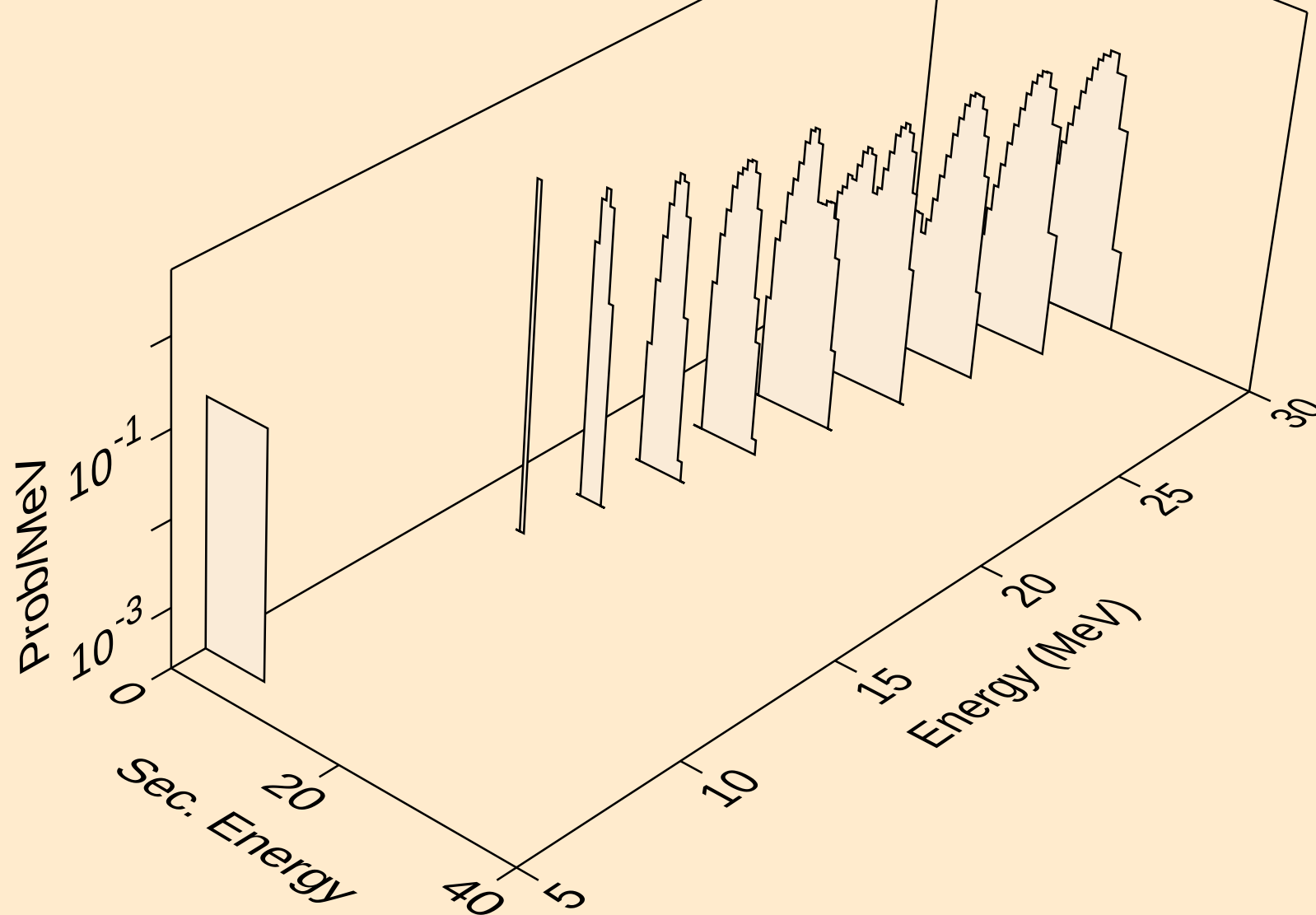
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



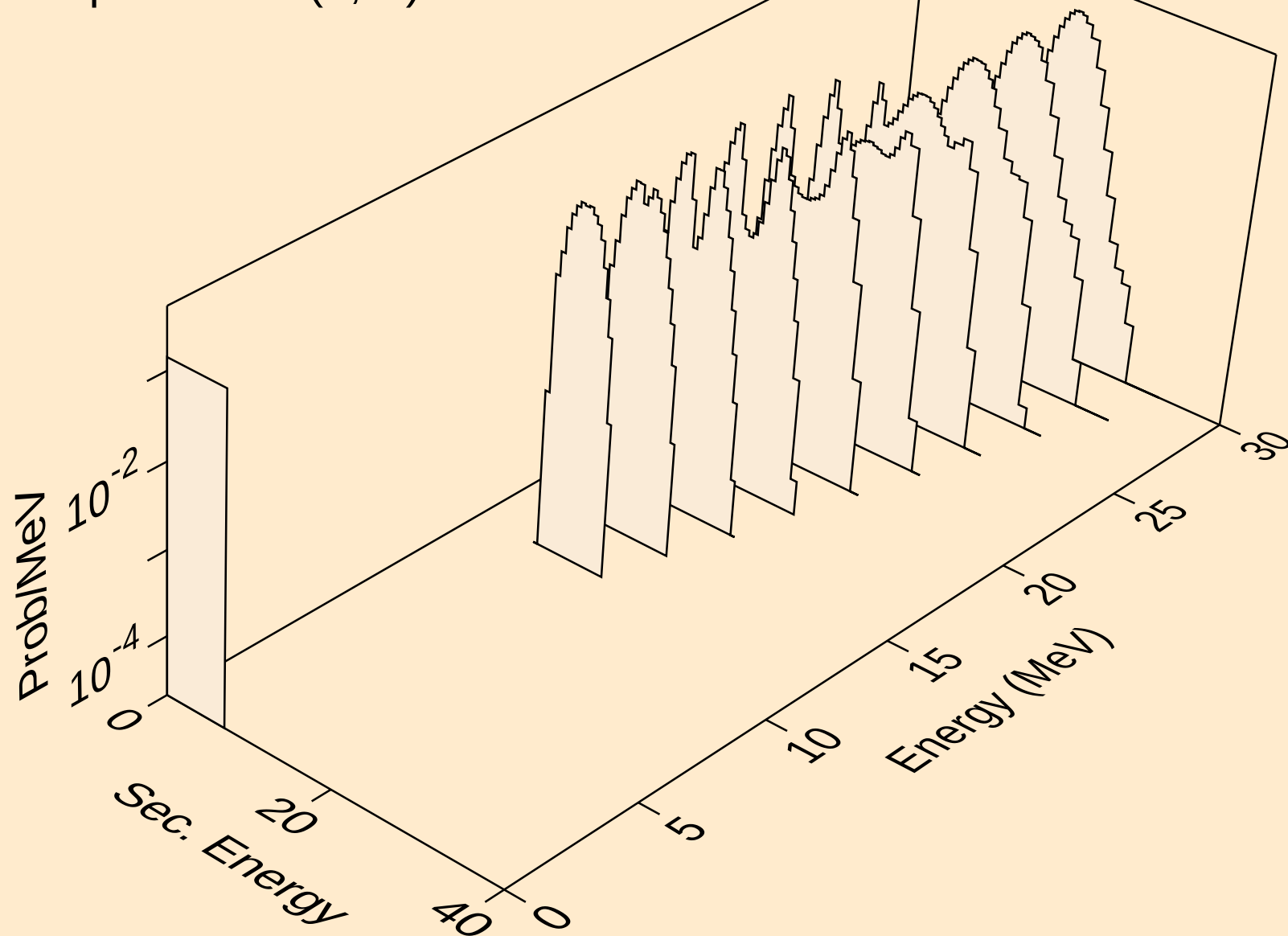
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



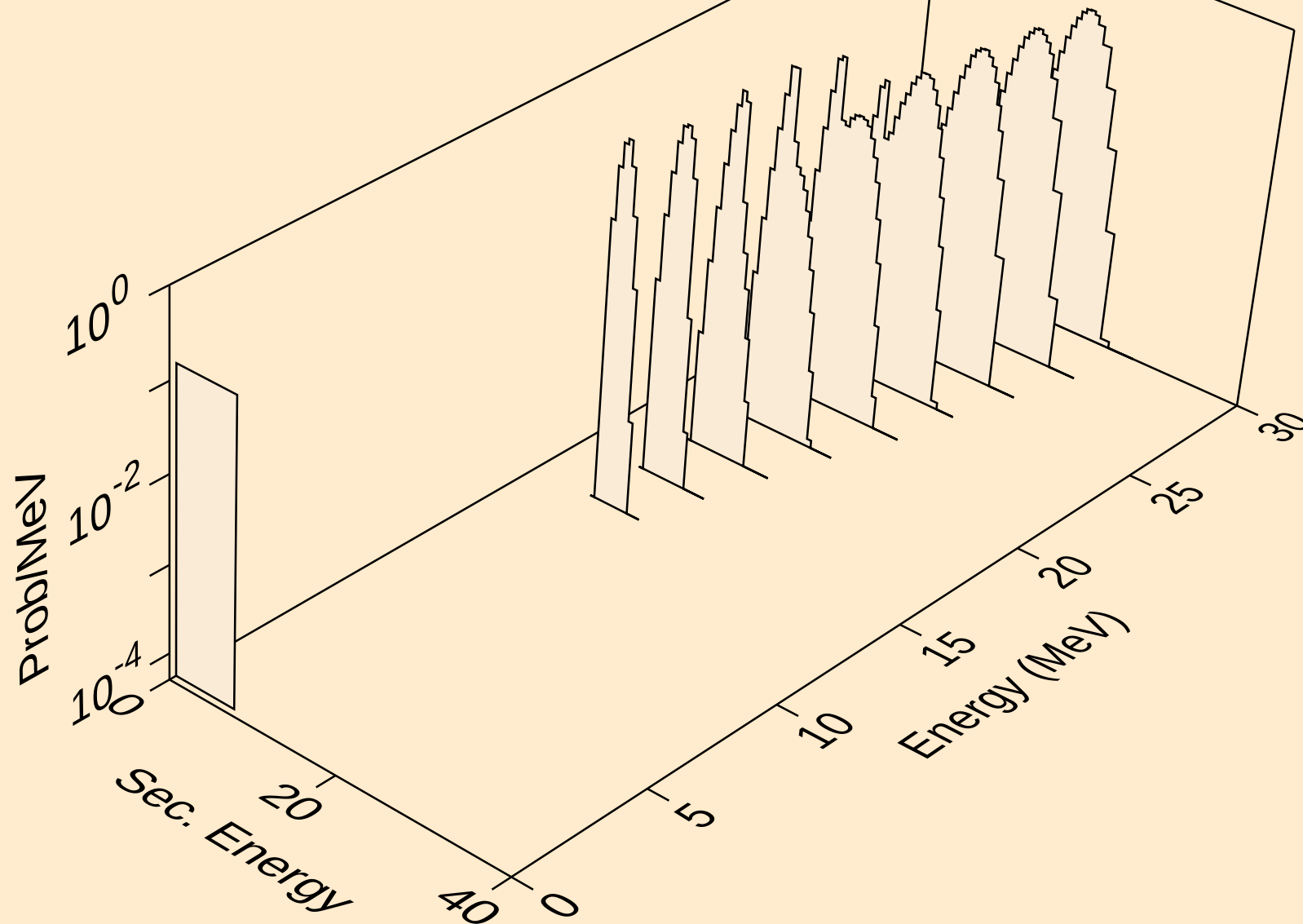
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3n) $\alpha$



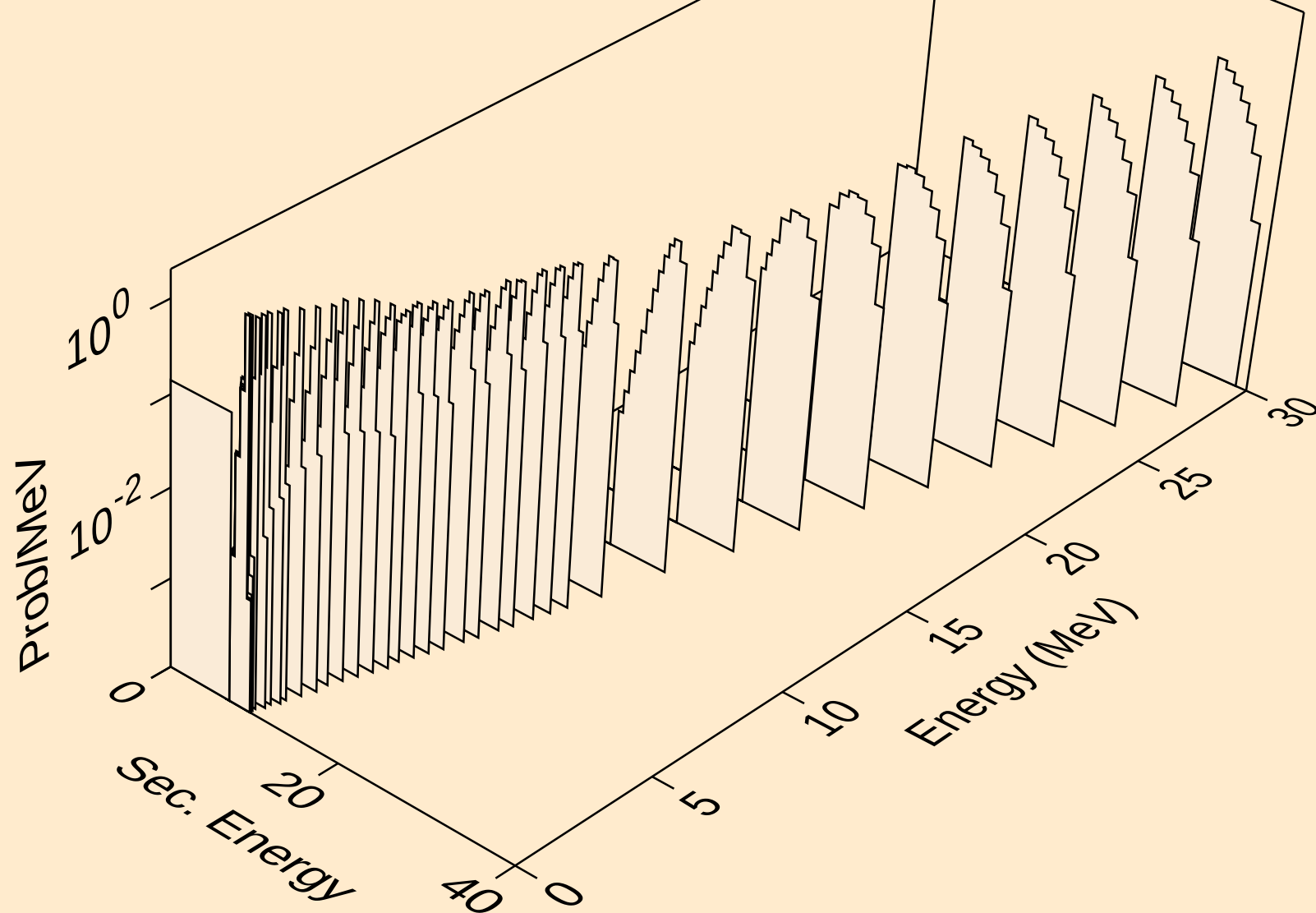
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



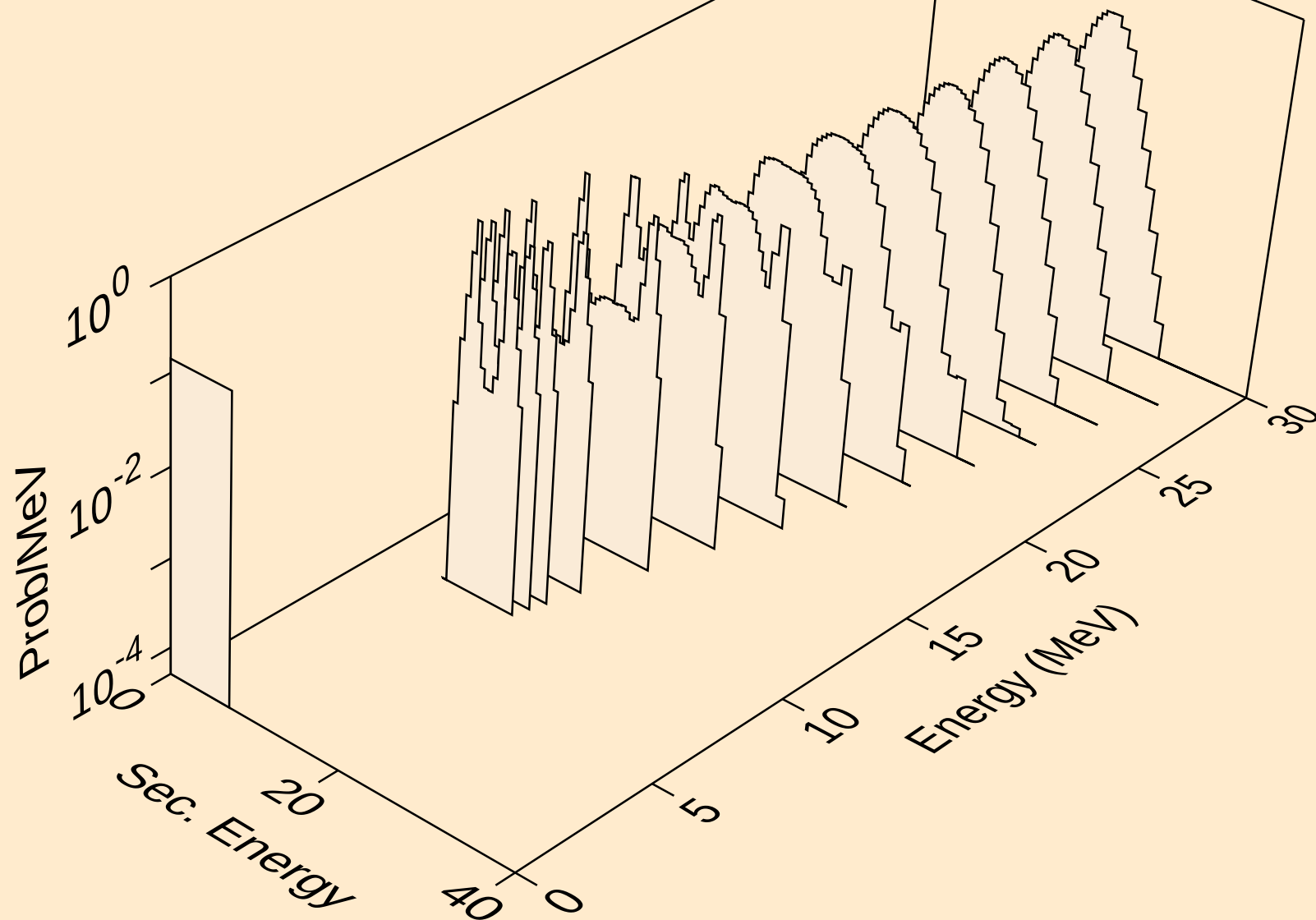
AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,npa)



AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)



AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2a)



AC227 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,pa)

