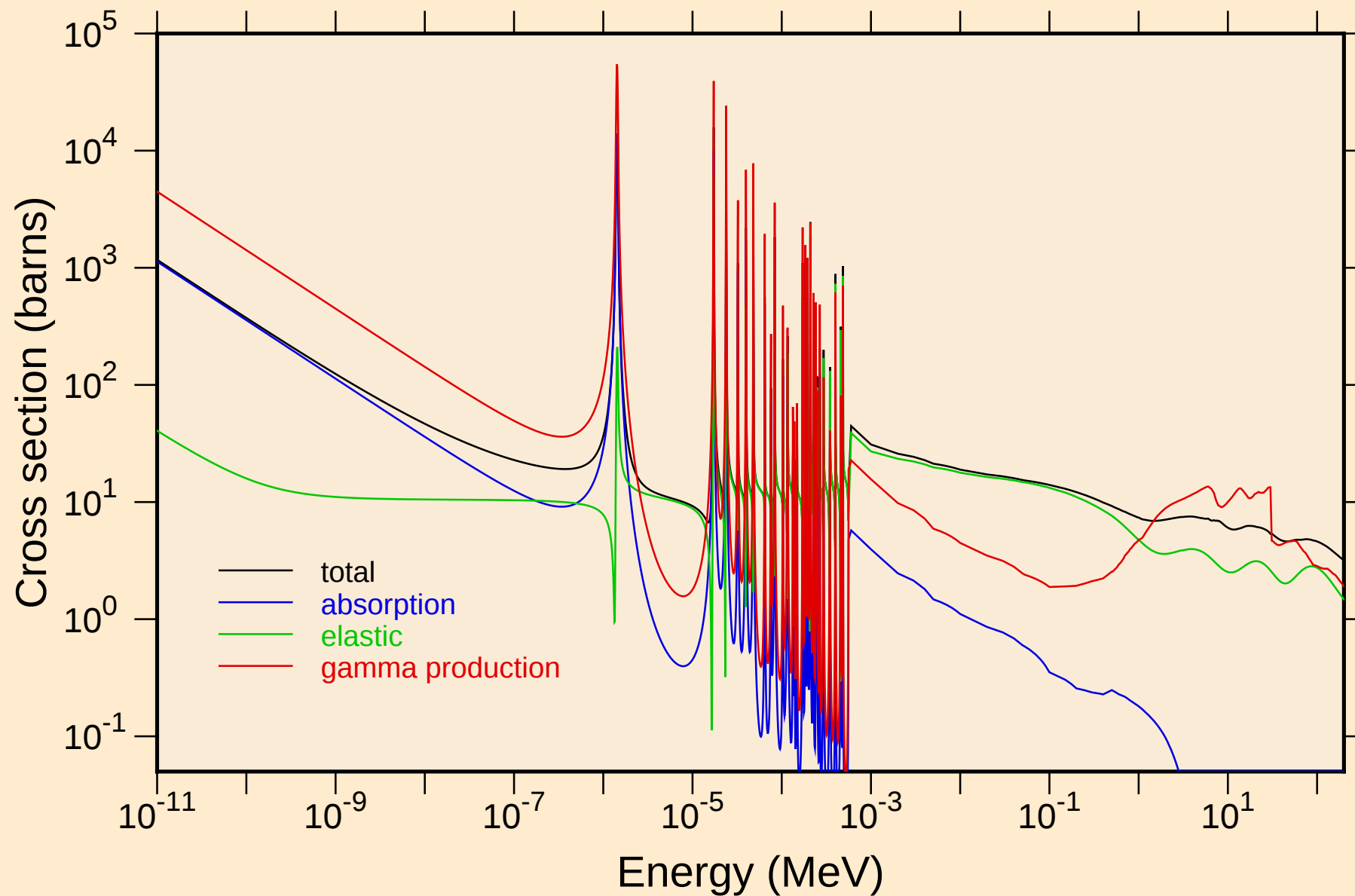
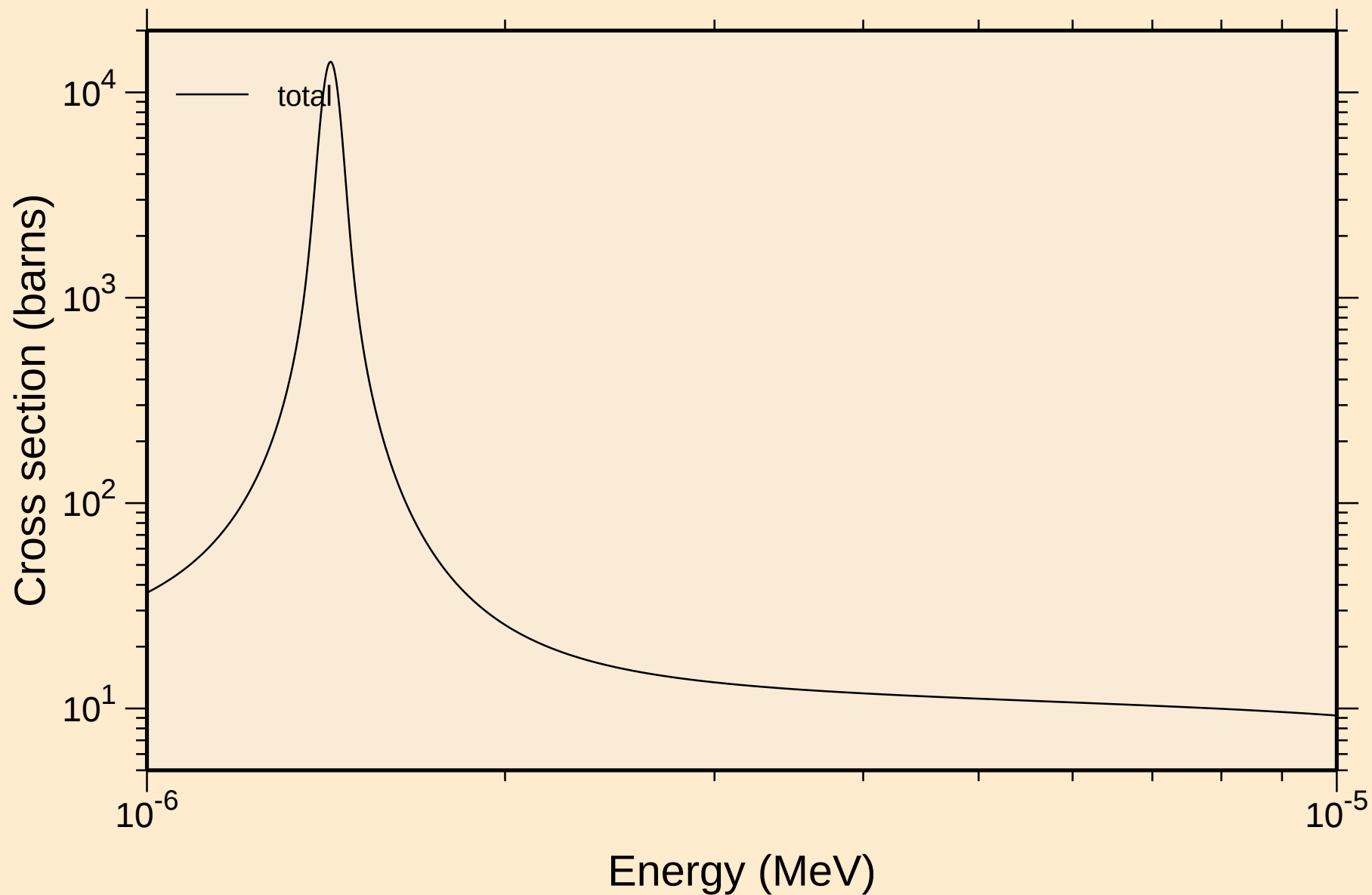


# TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

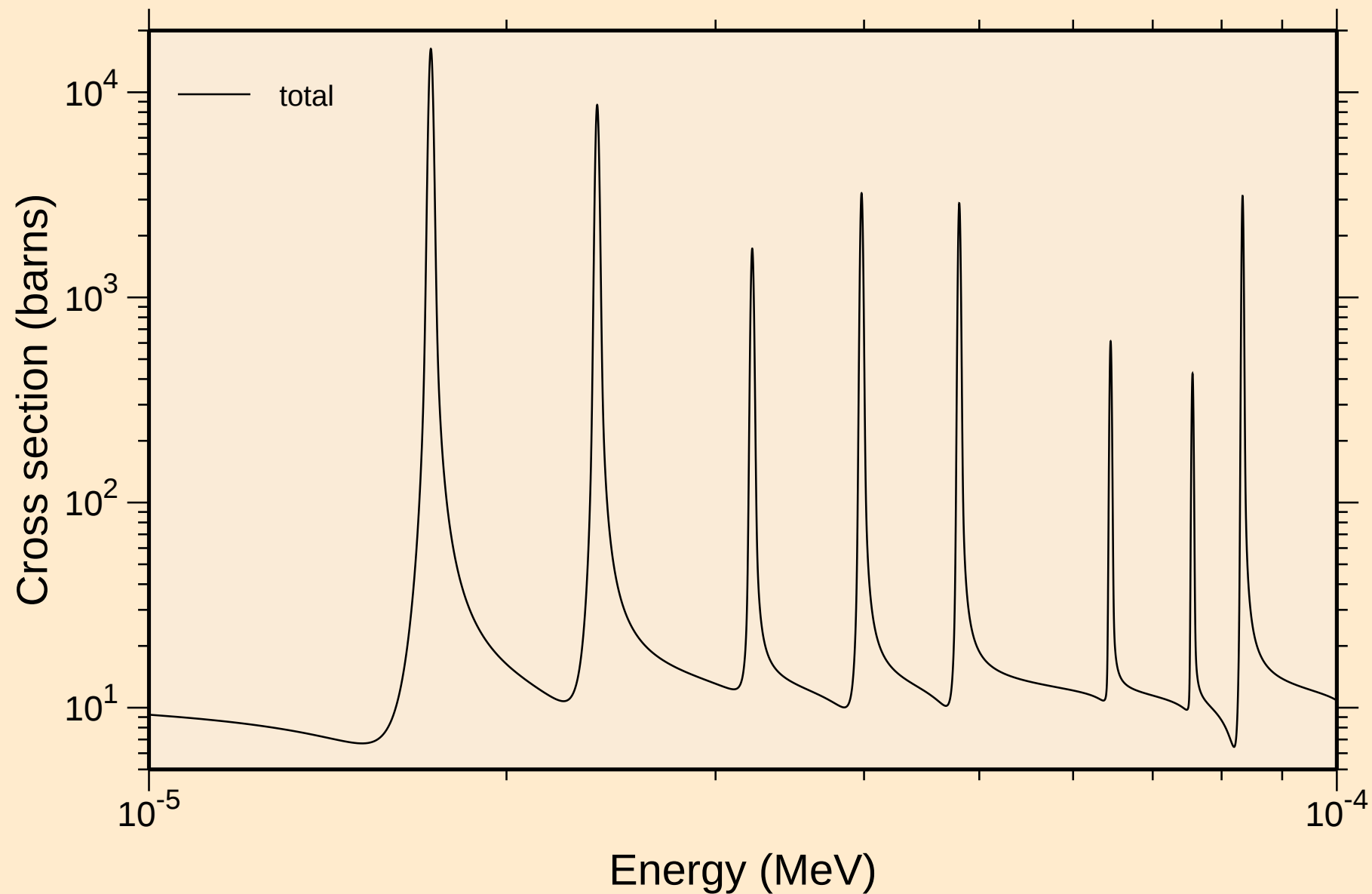
## Principal cross sections



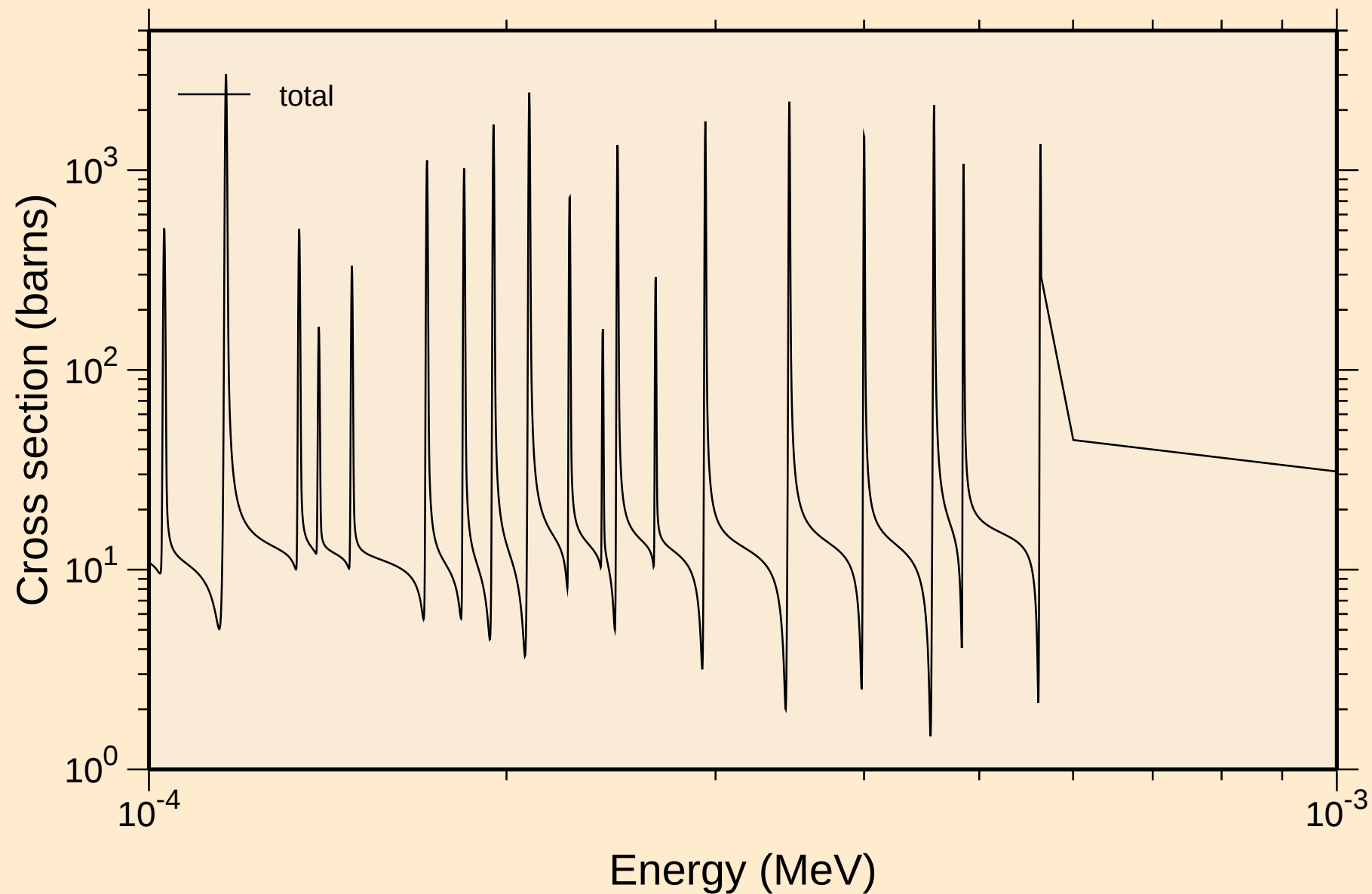
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



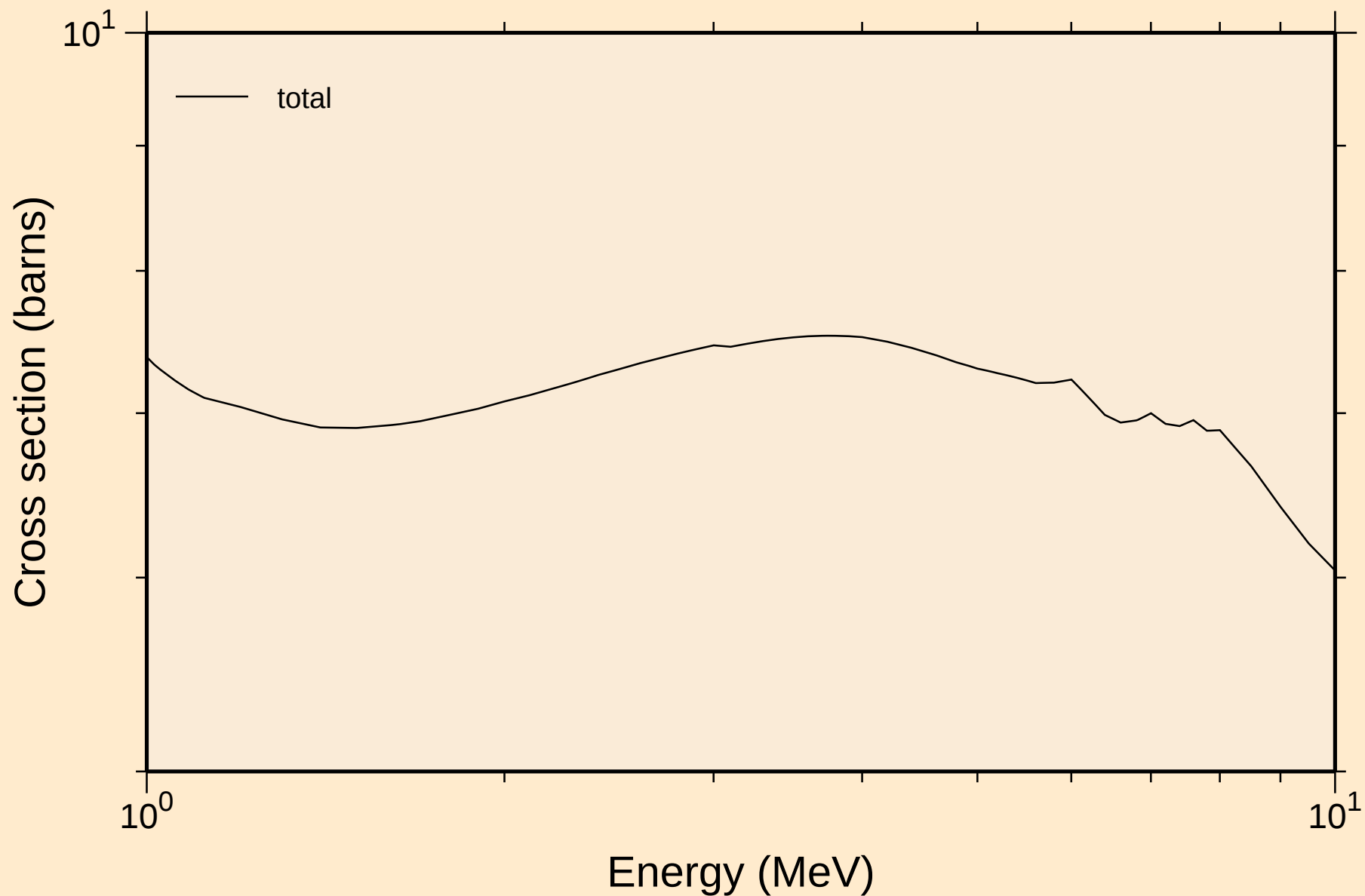
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



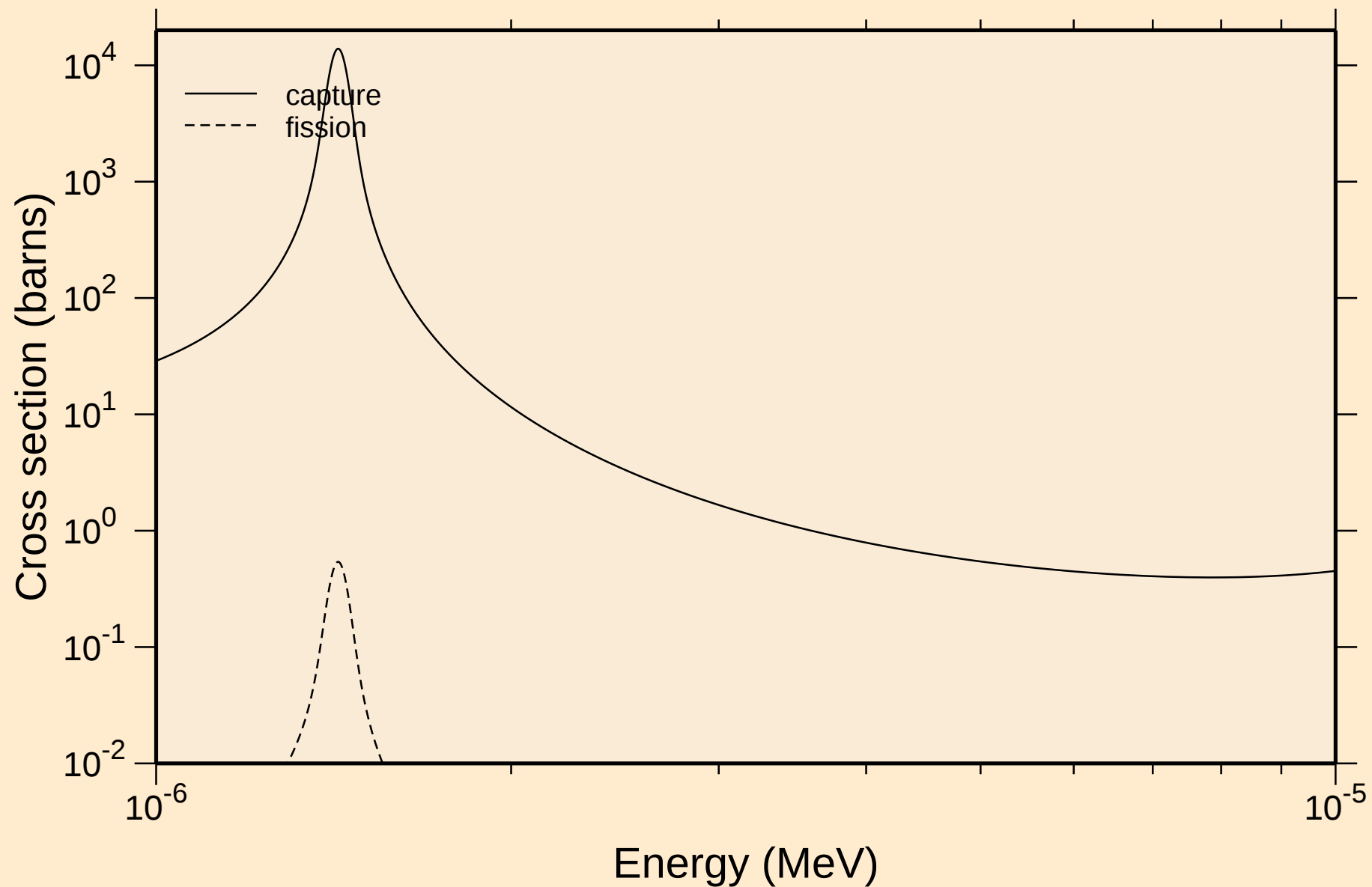
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



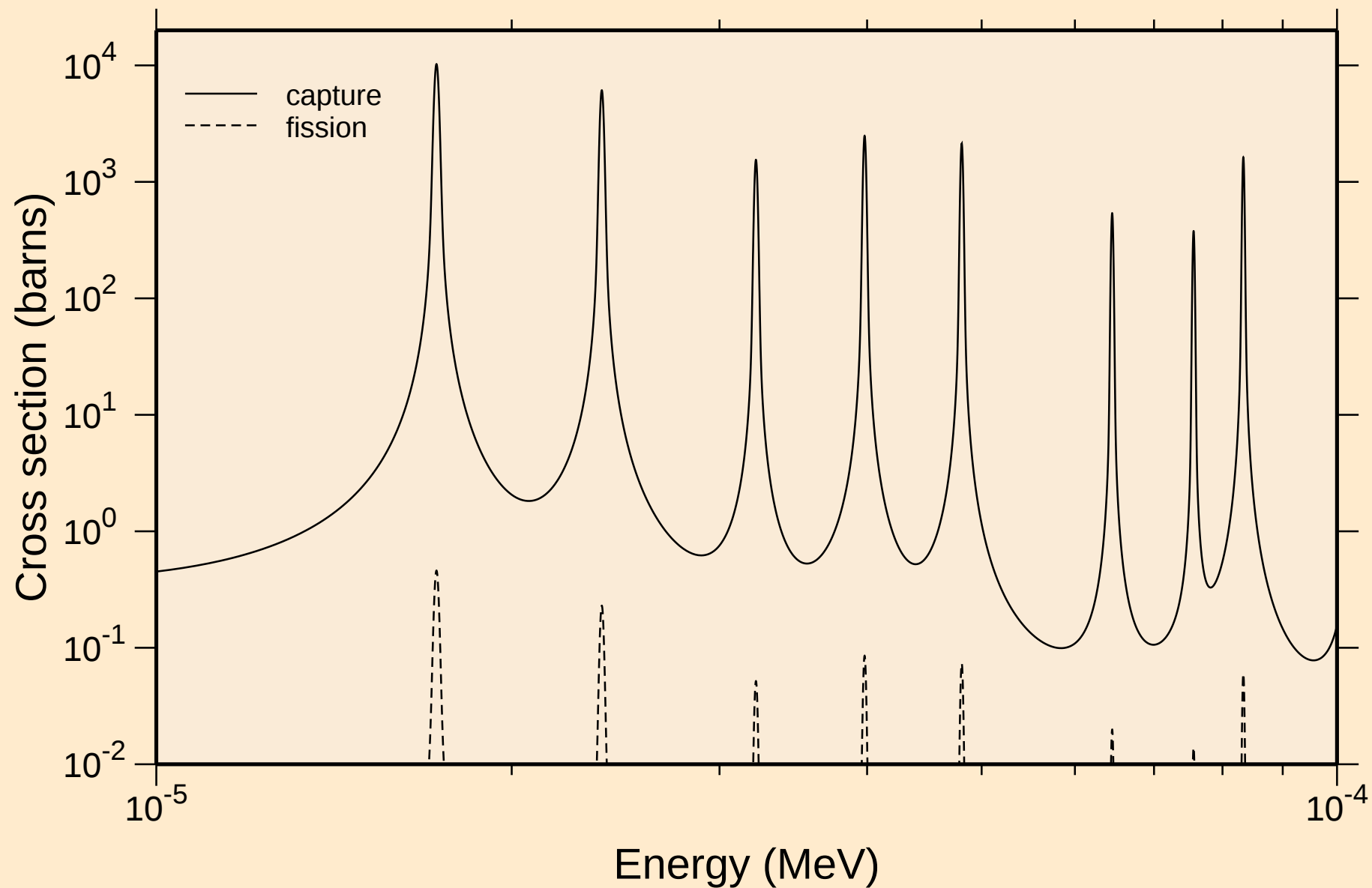
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



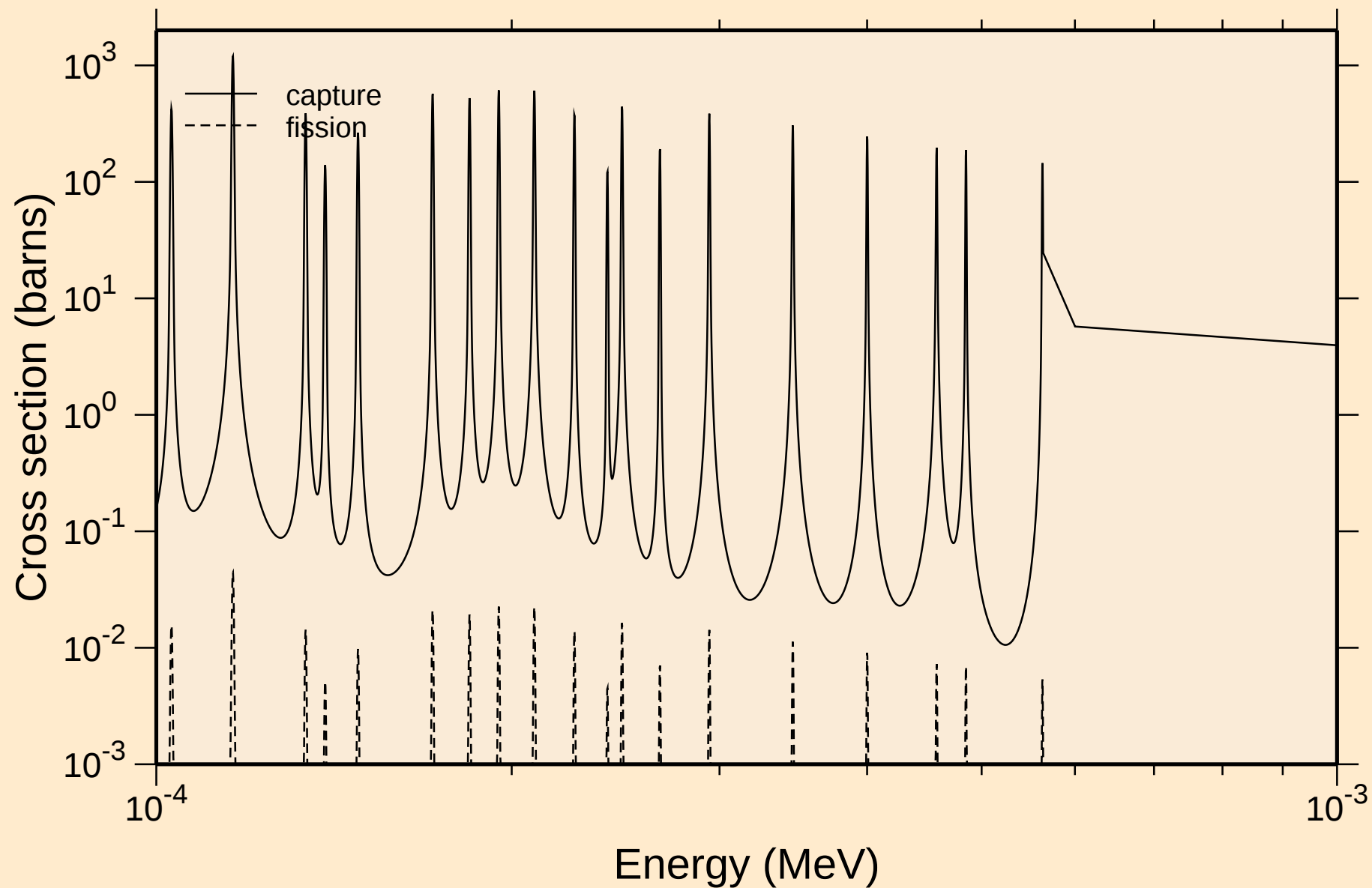
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



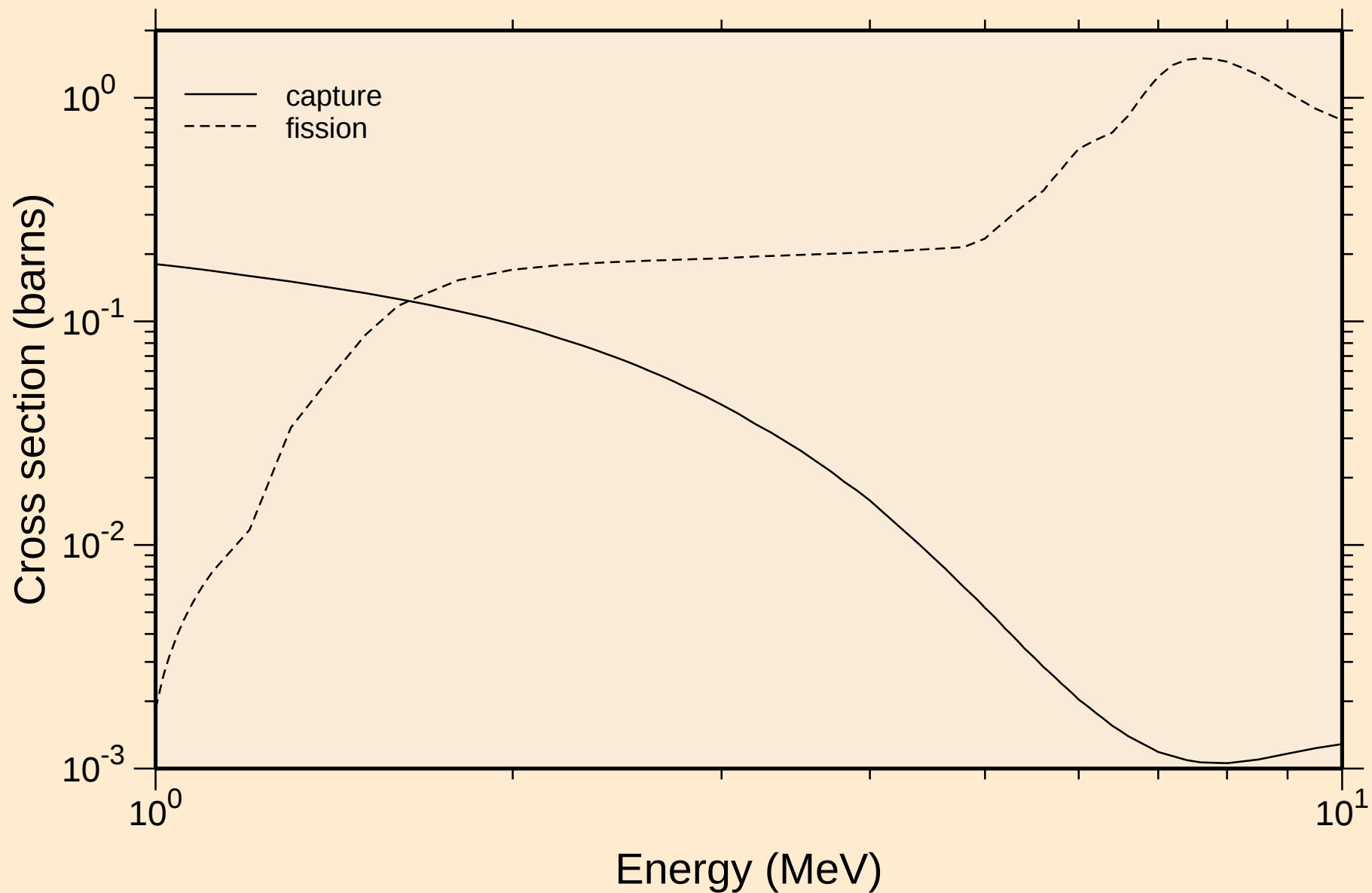
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections

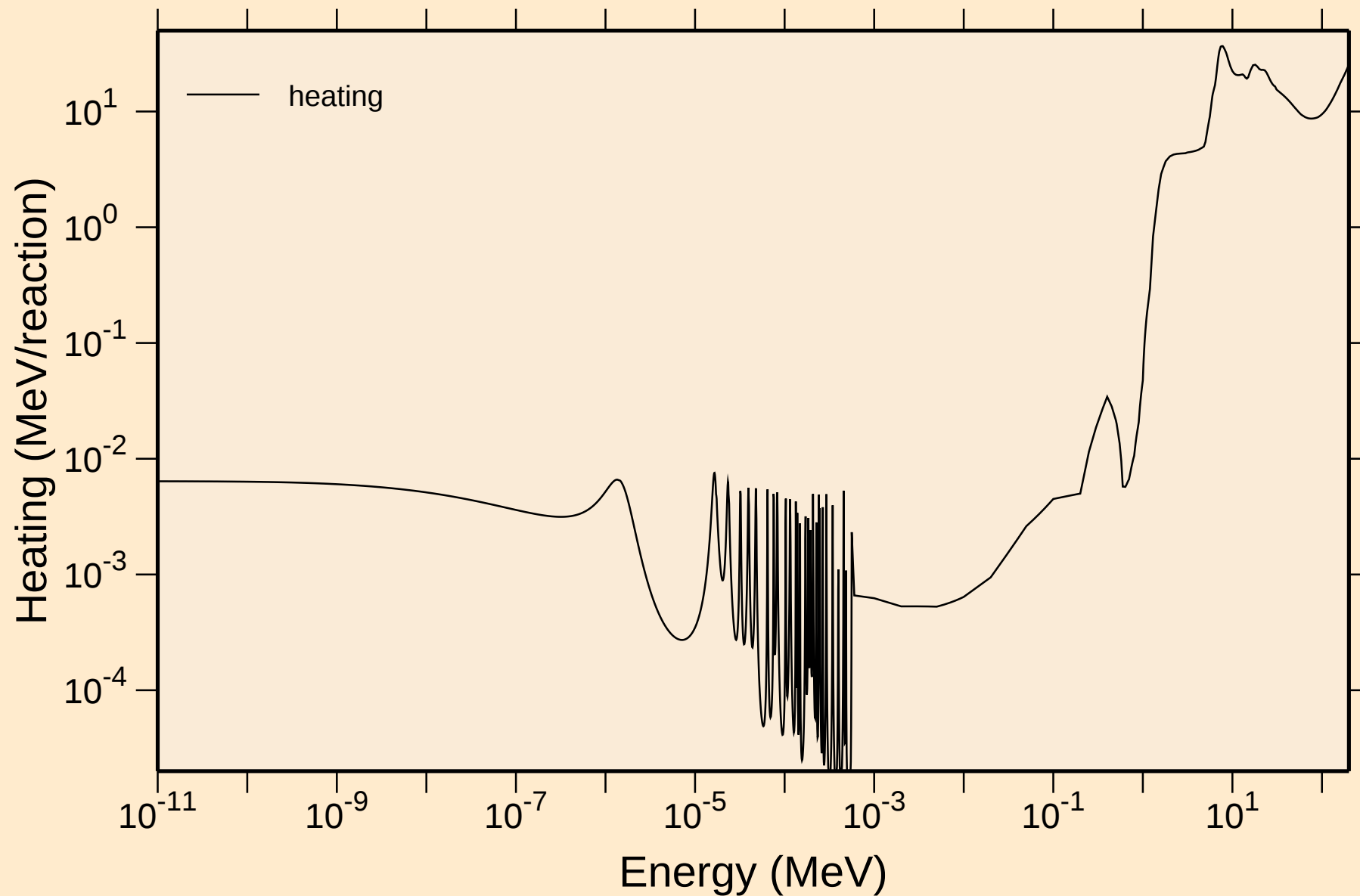


TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



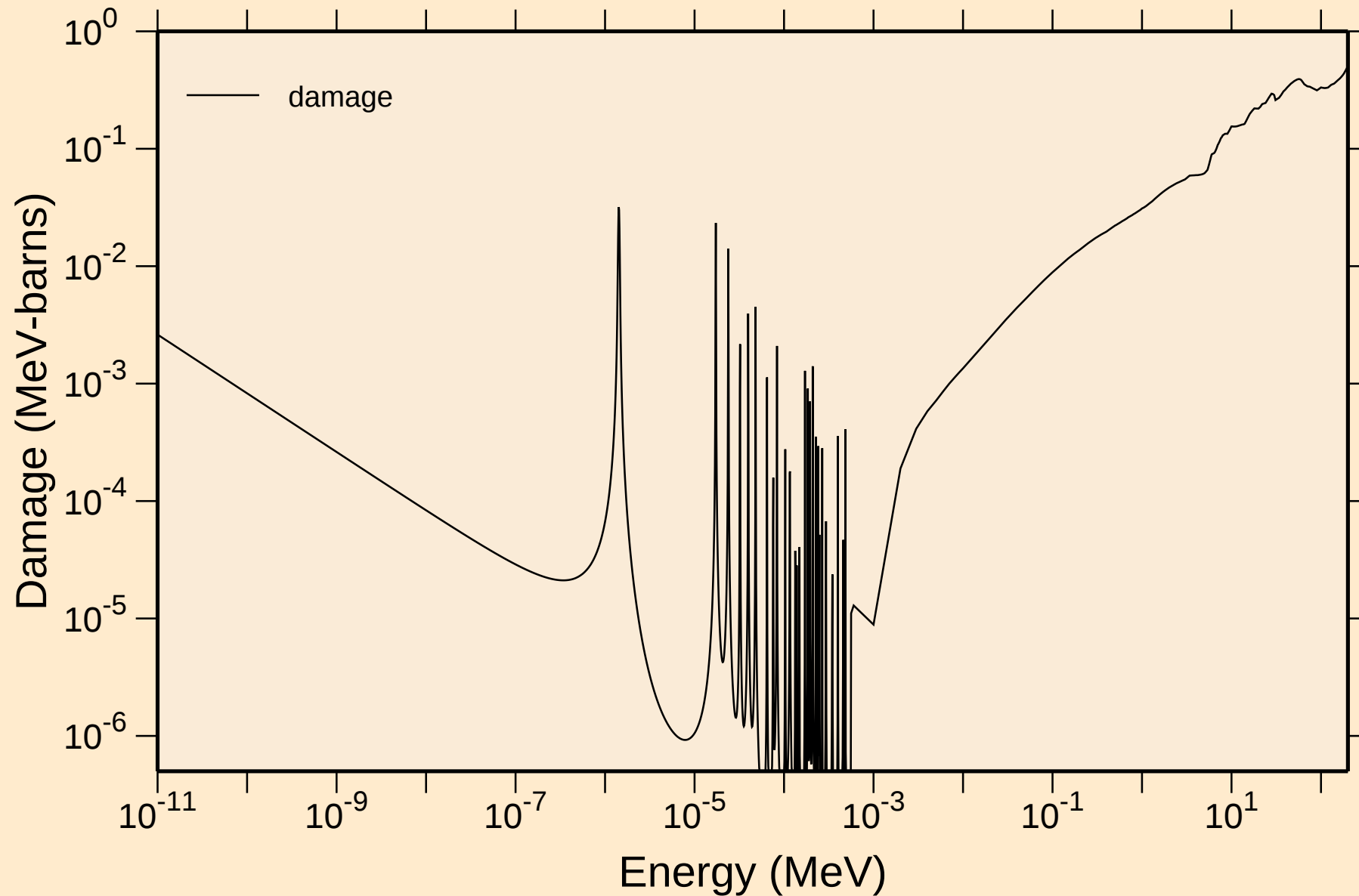
# TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

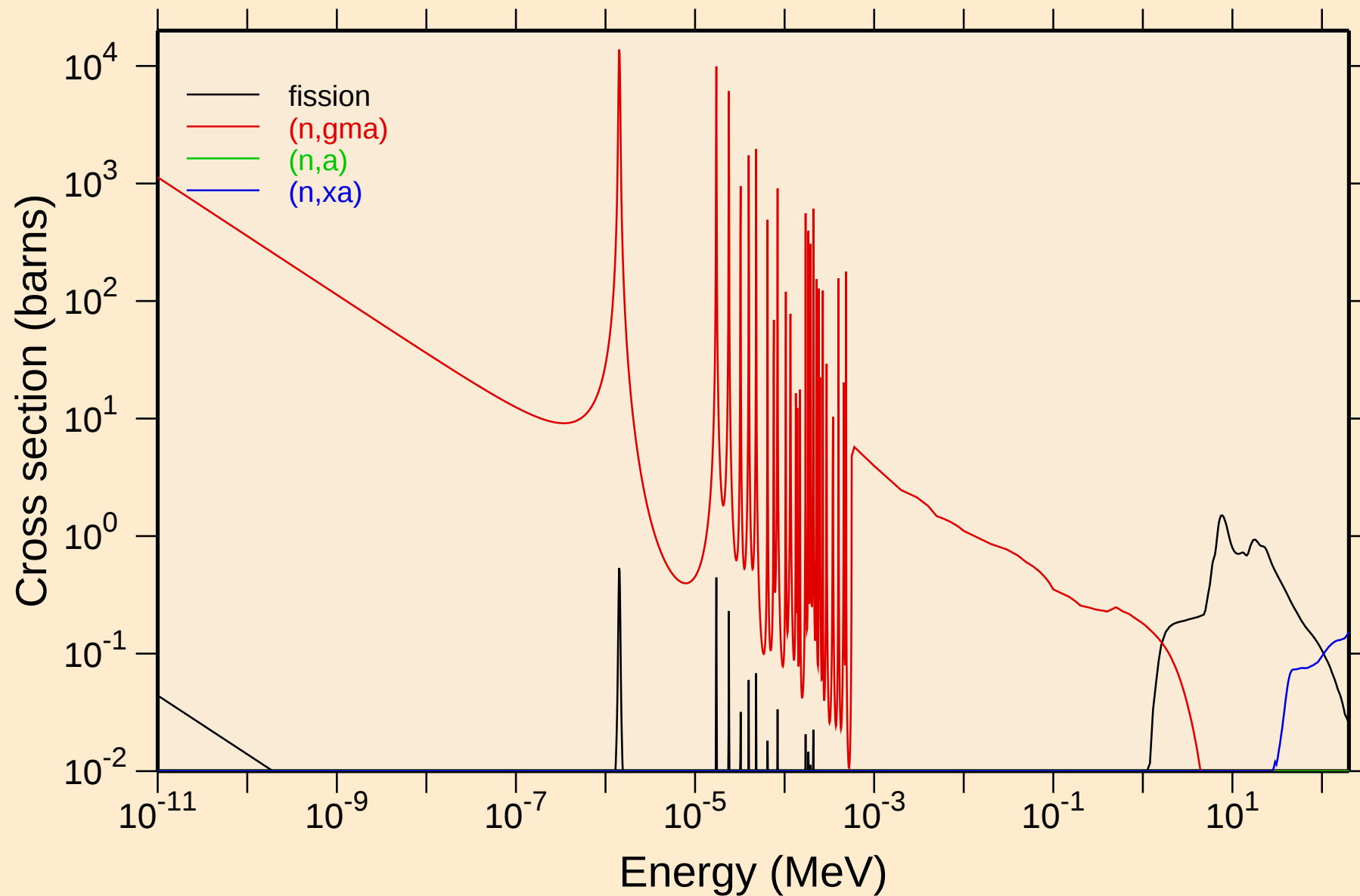


# TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Damage

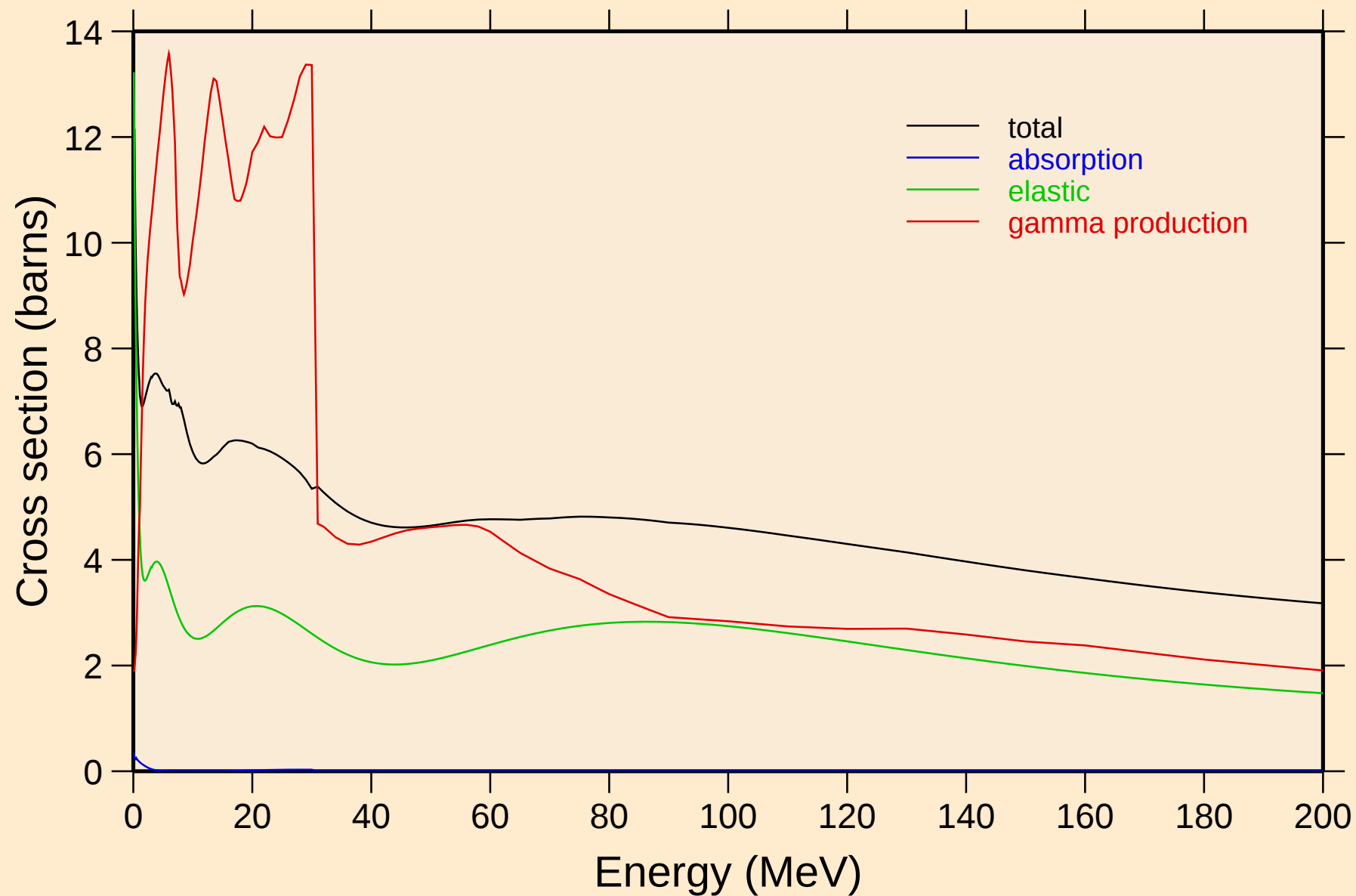


TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



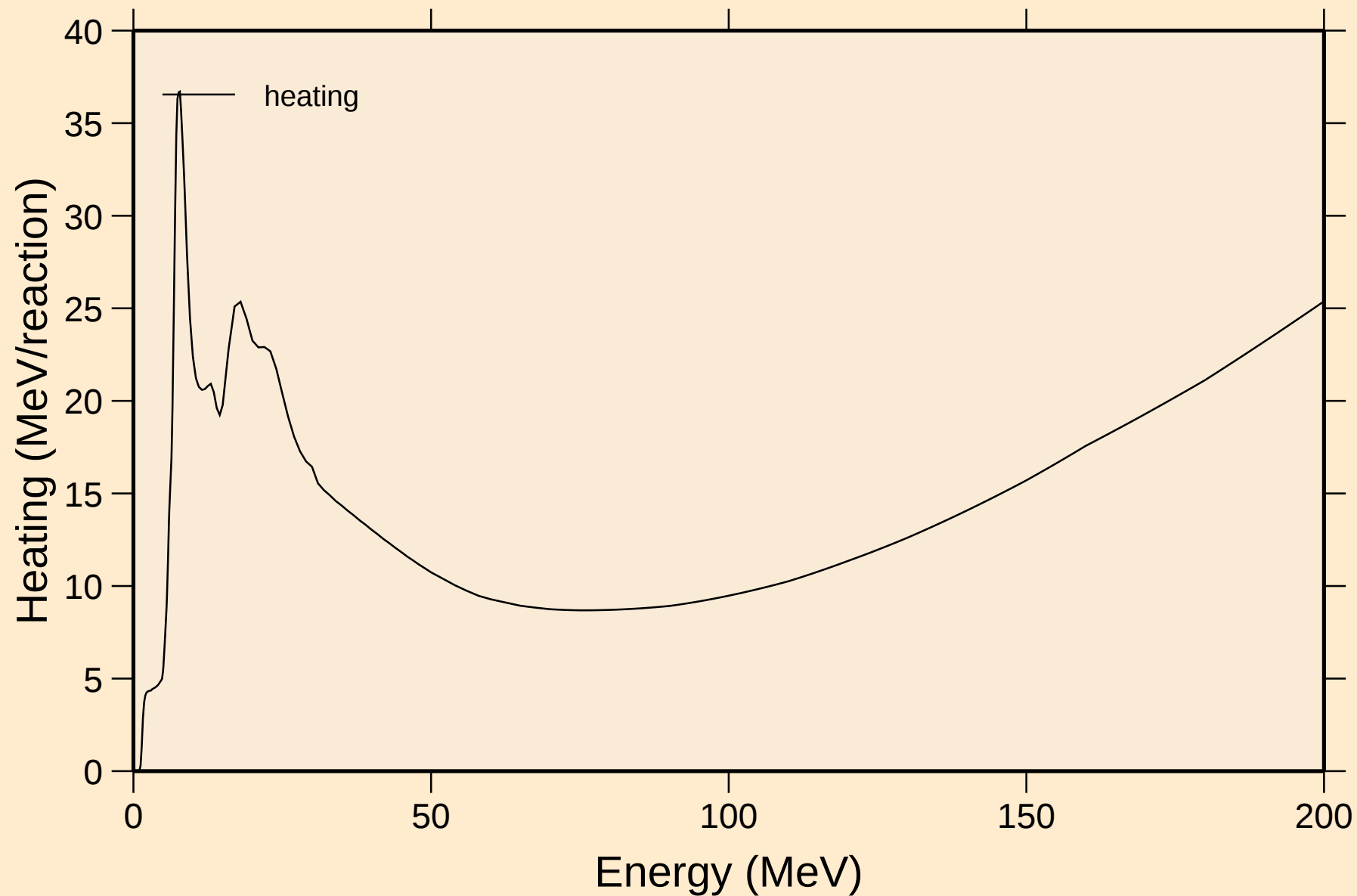
# TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Principal cross sections



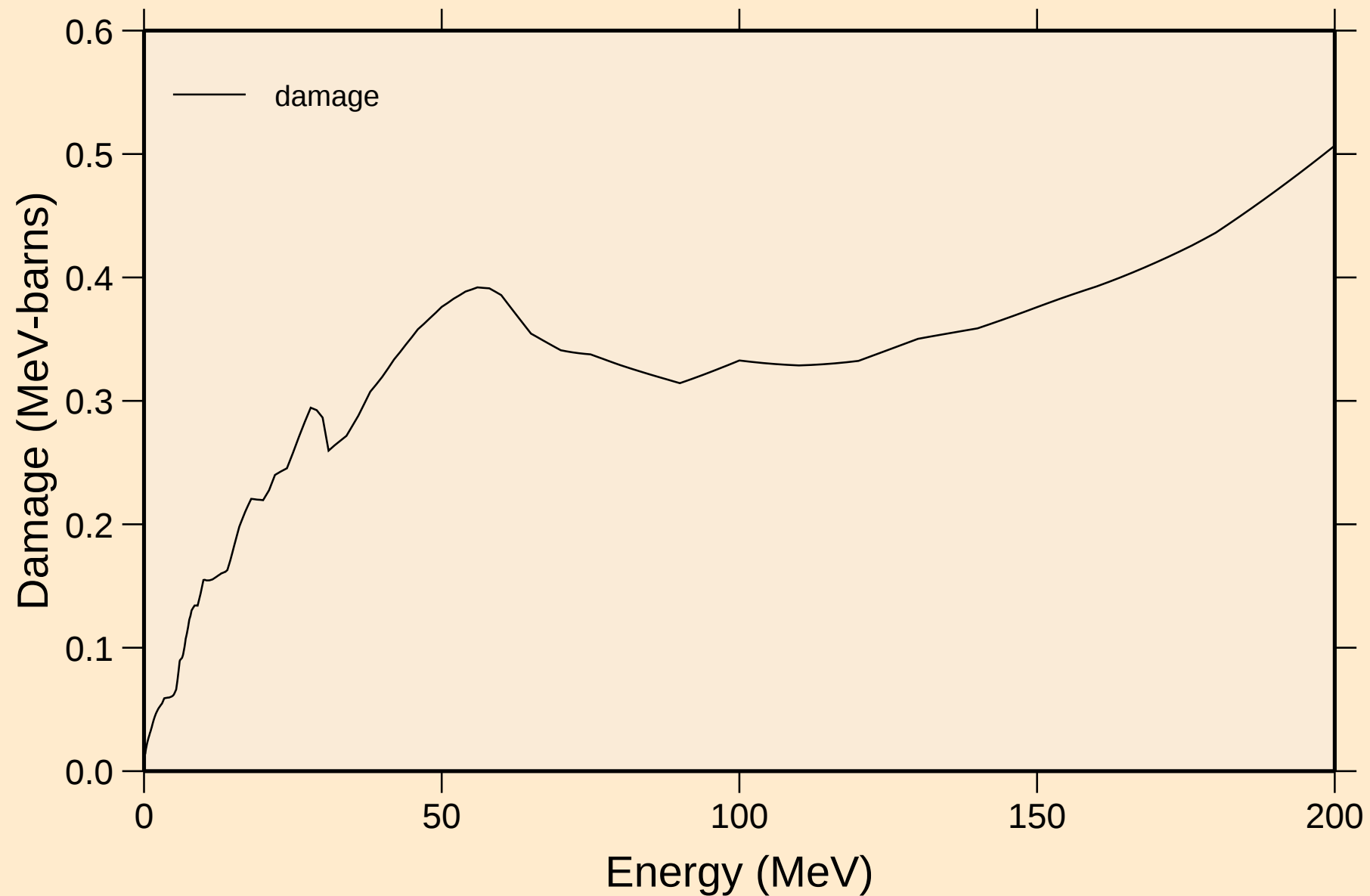
# TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

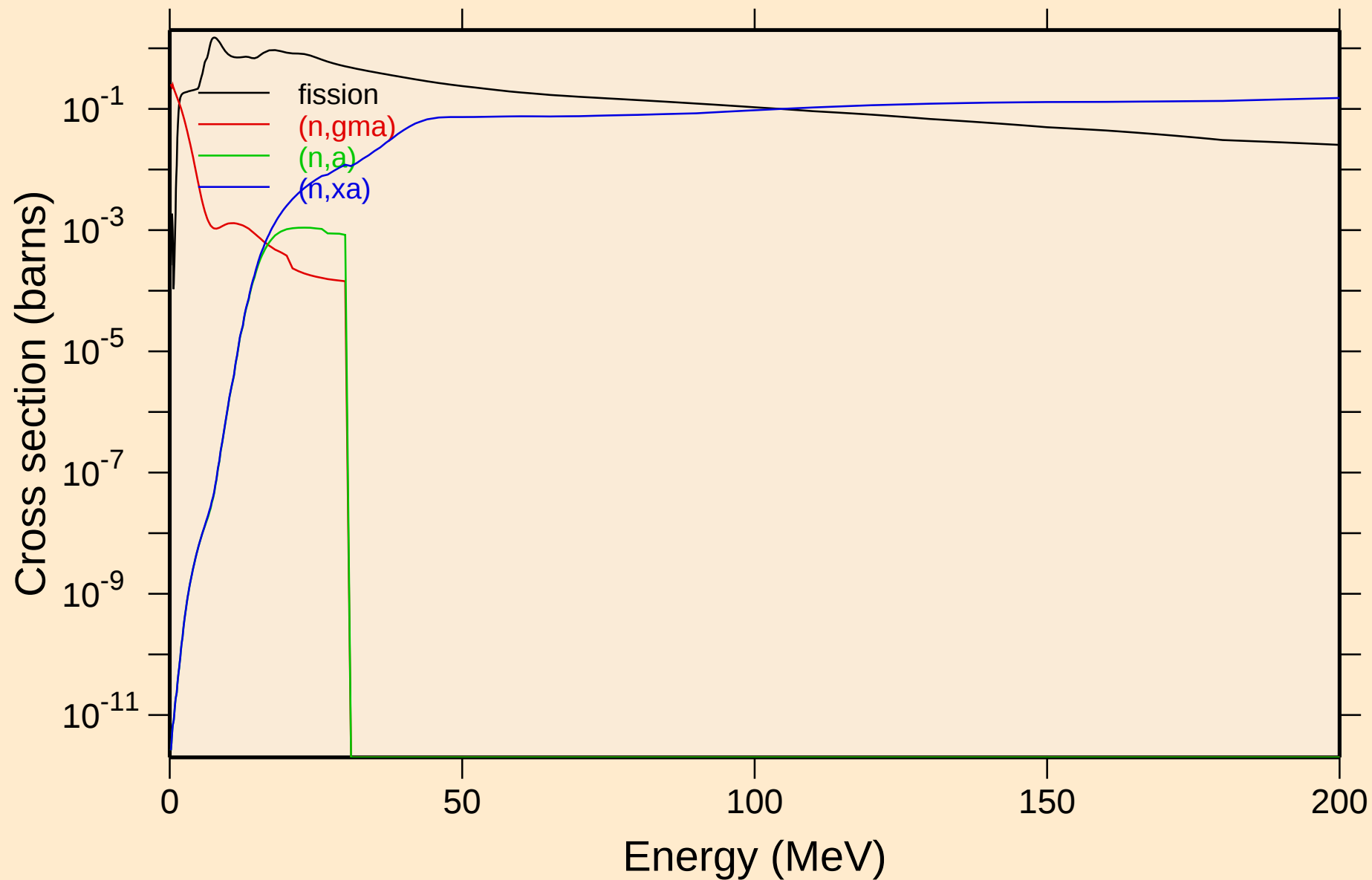


# TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

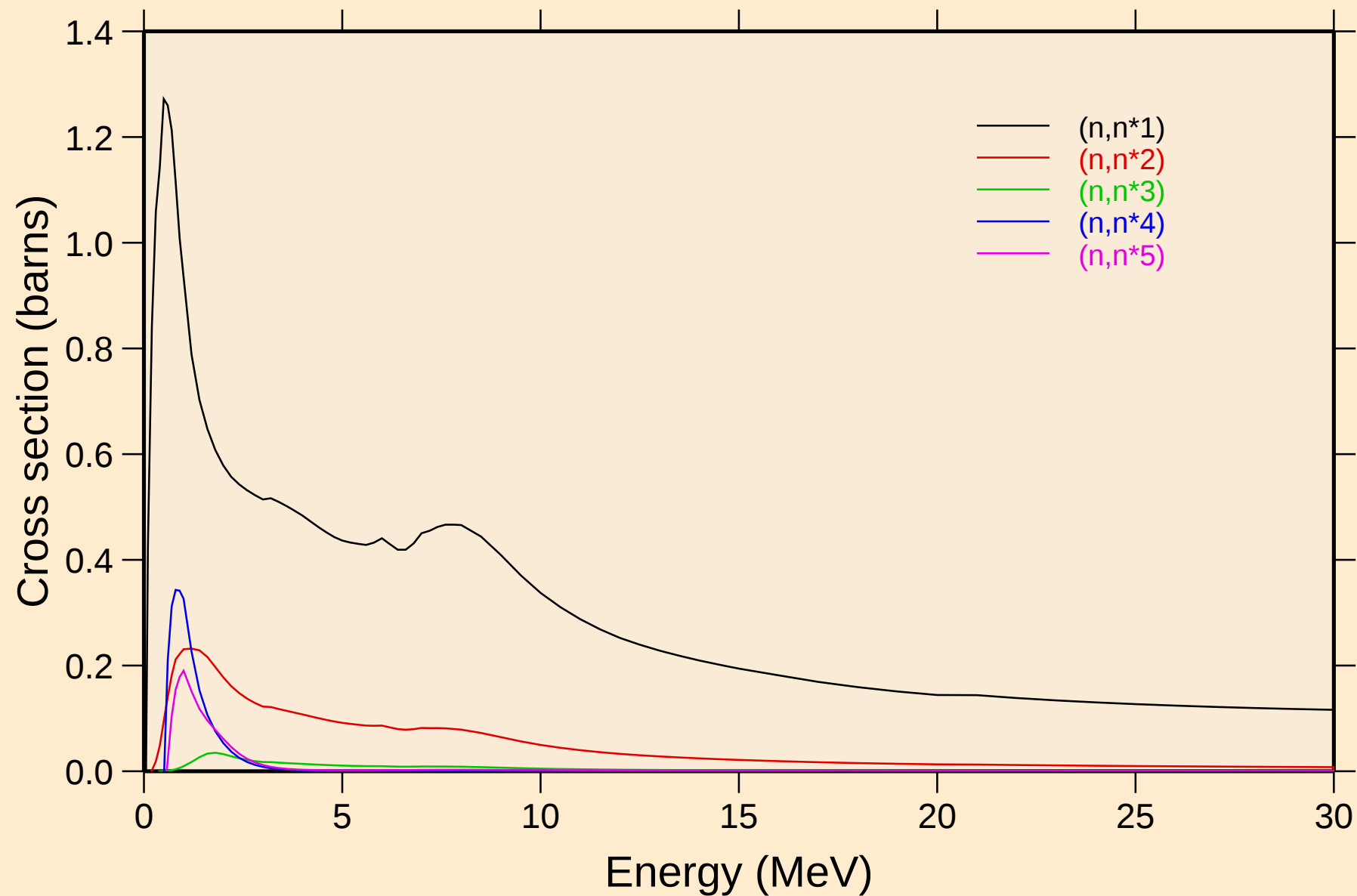
Damage



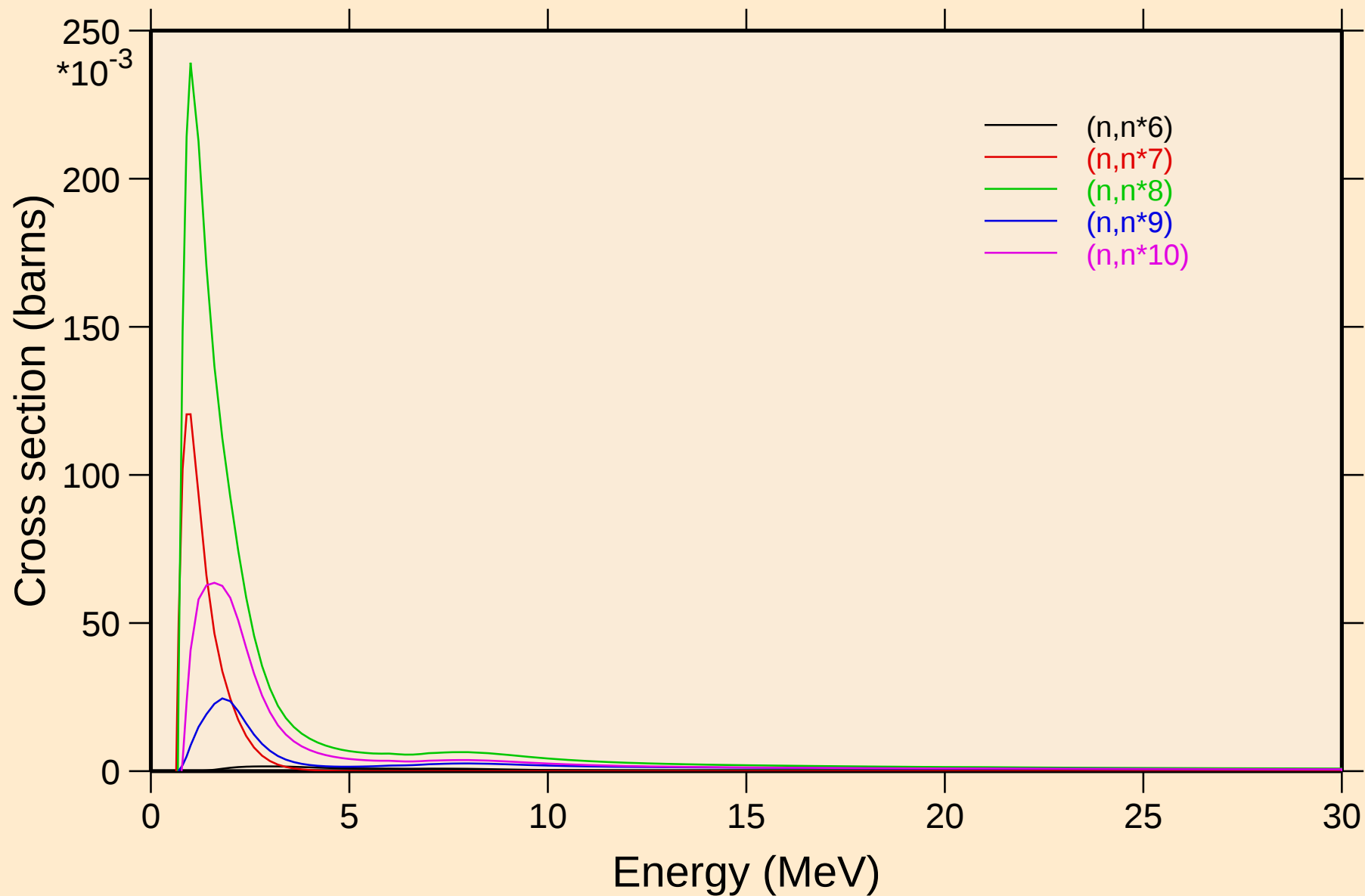
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



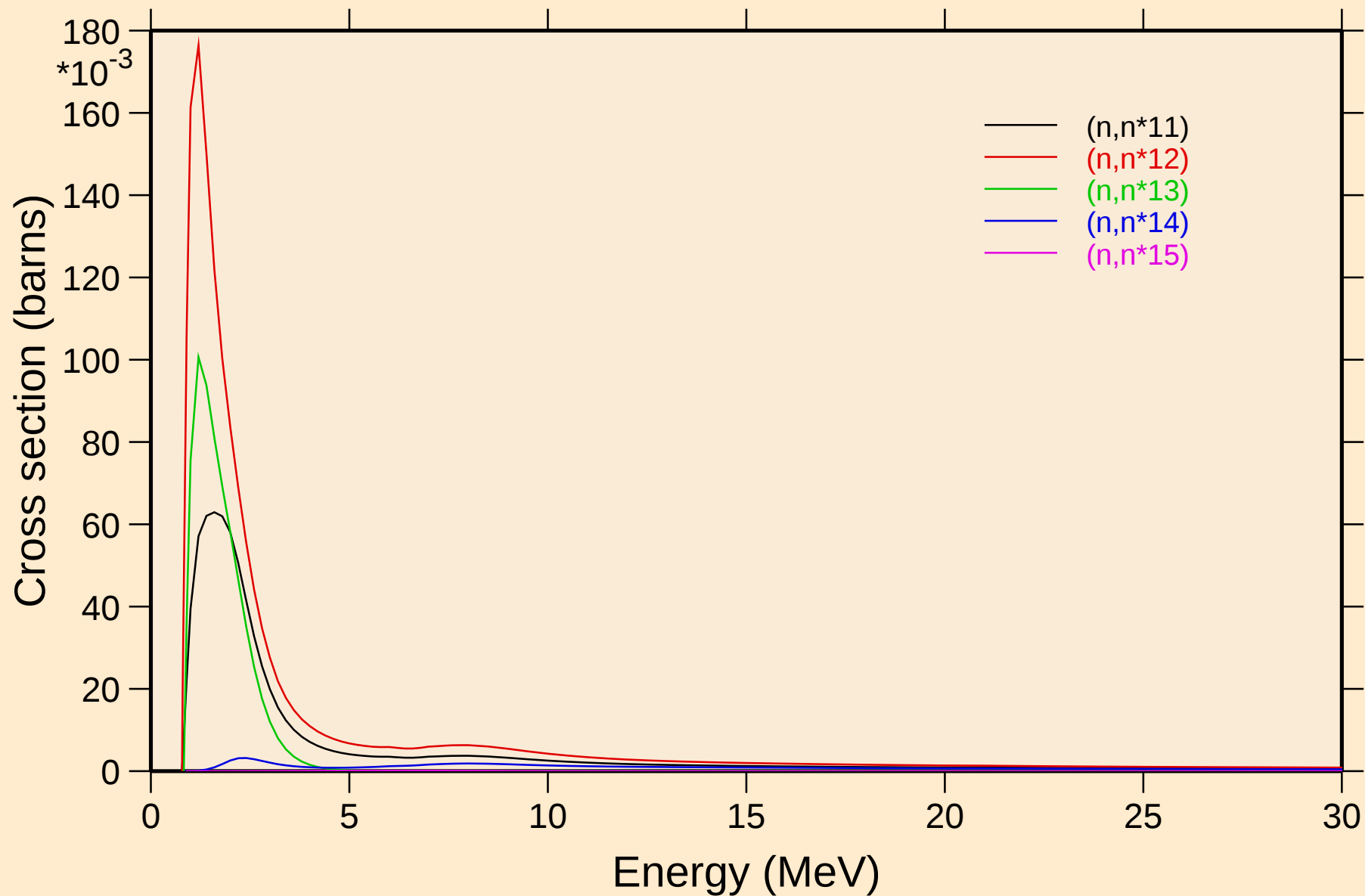
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



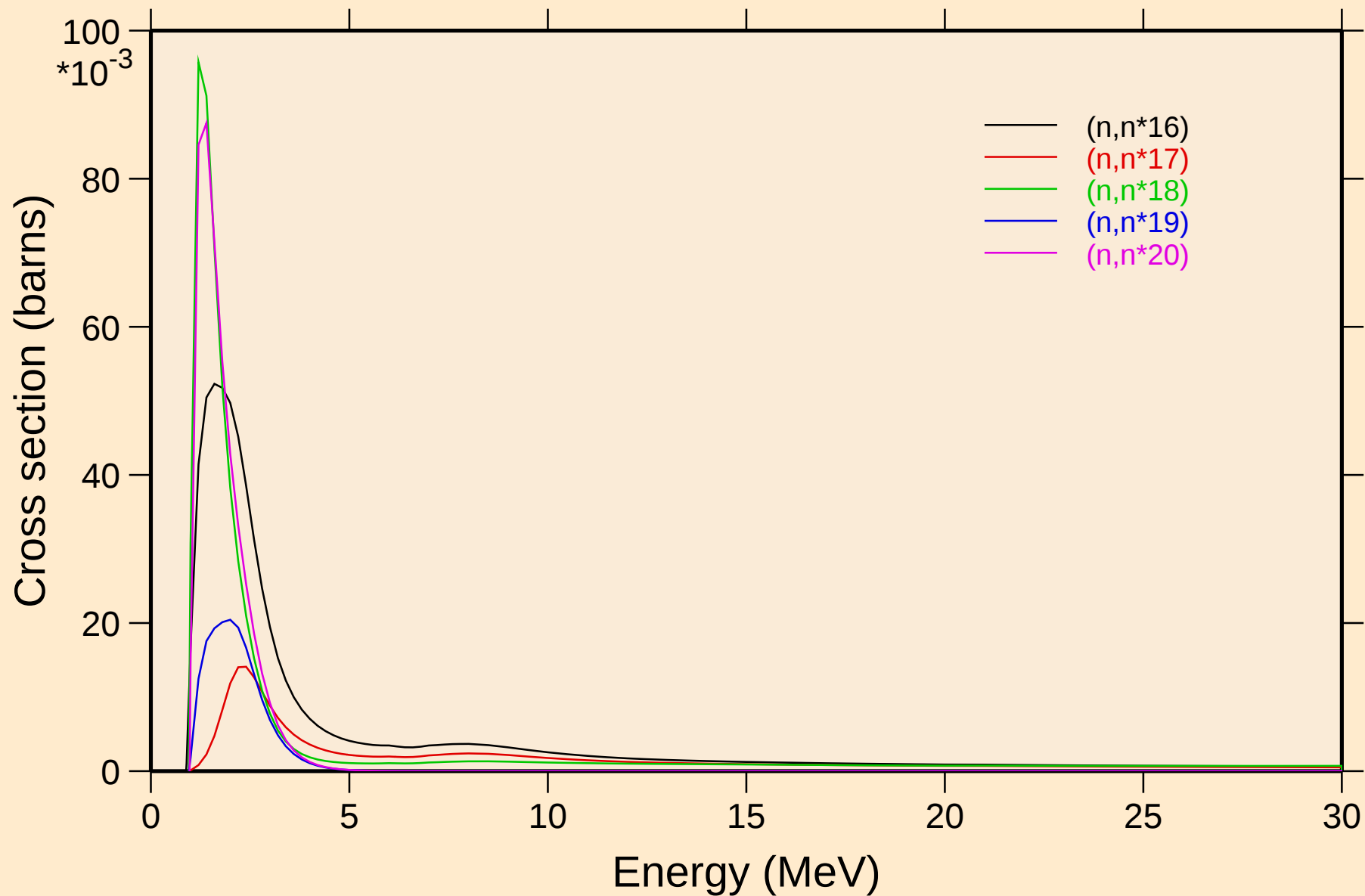
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



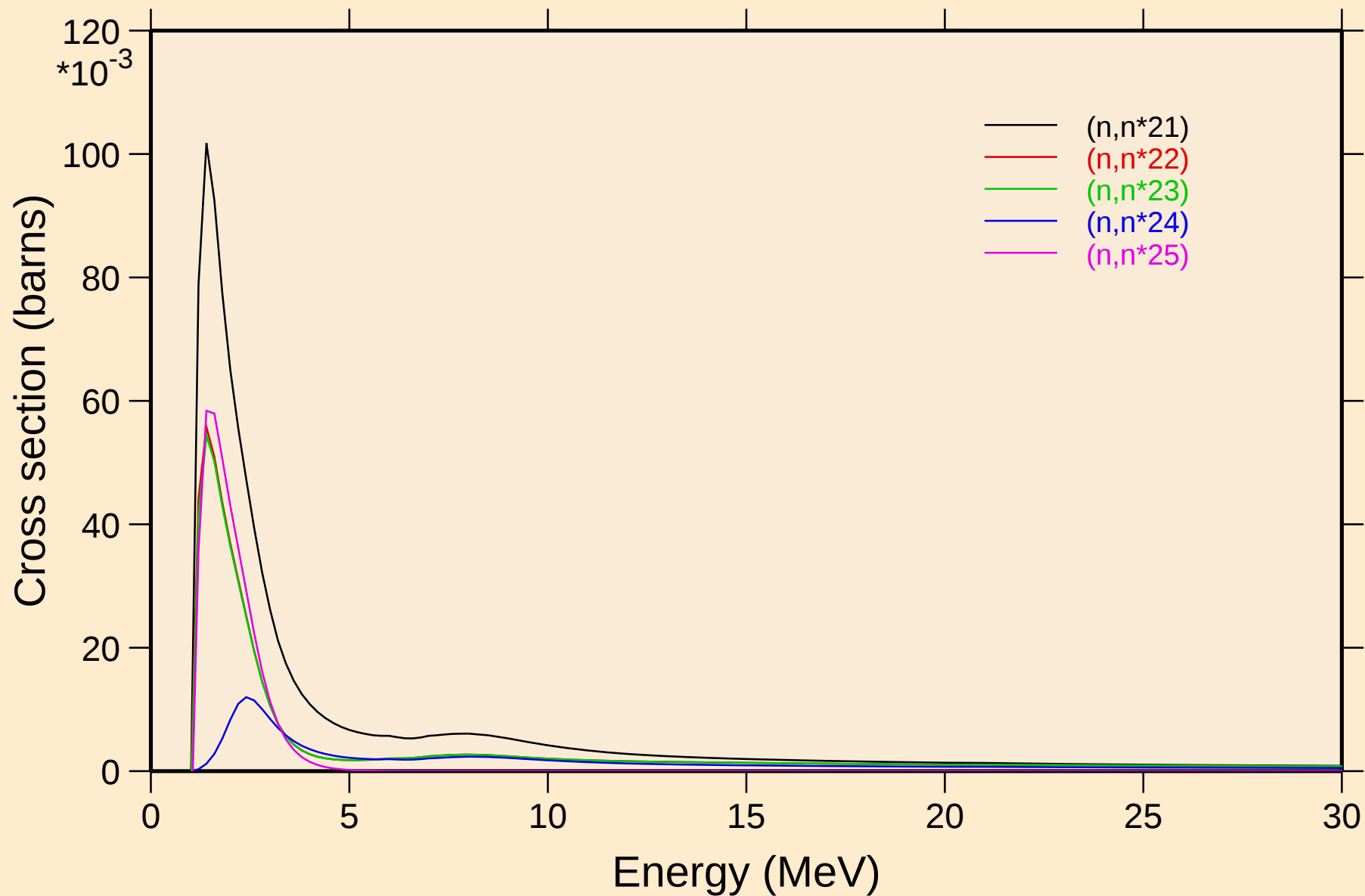
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



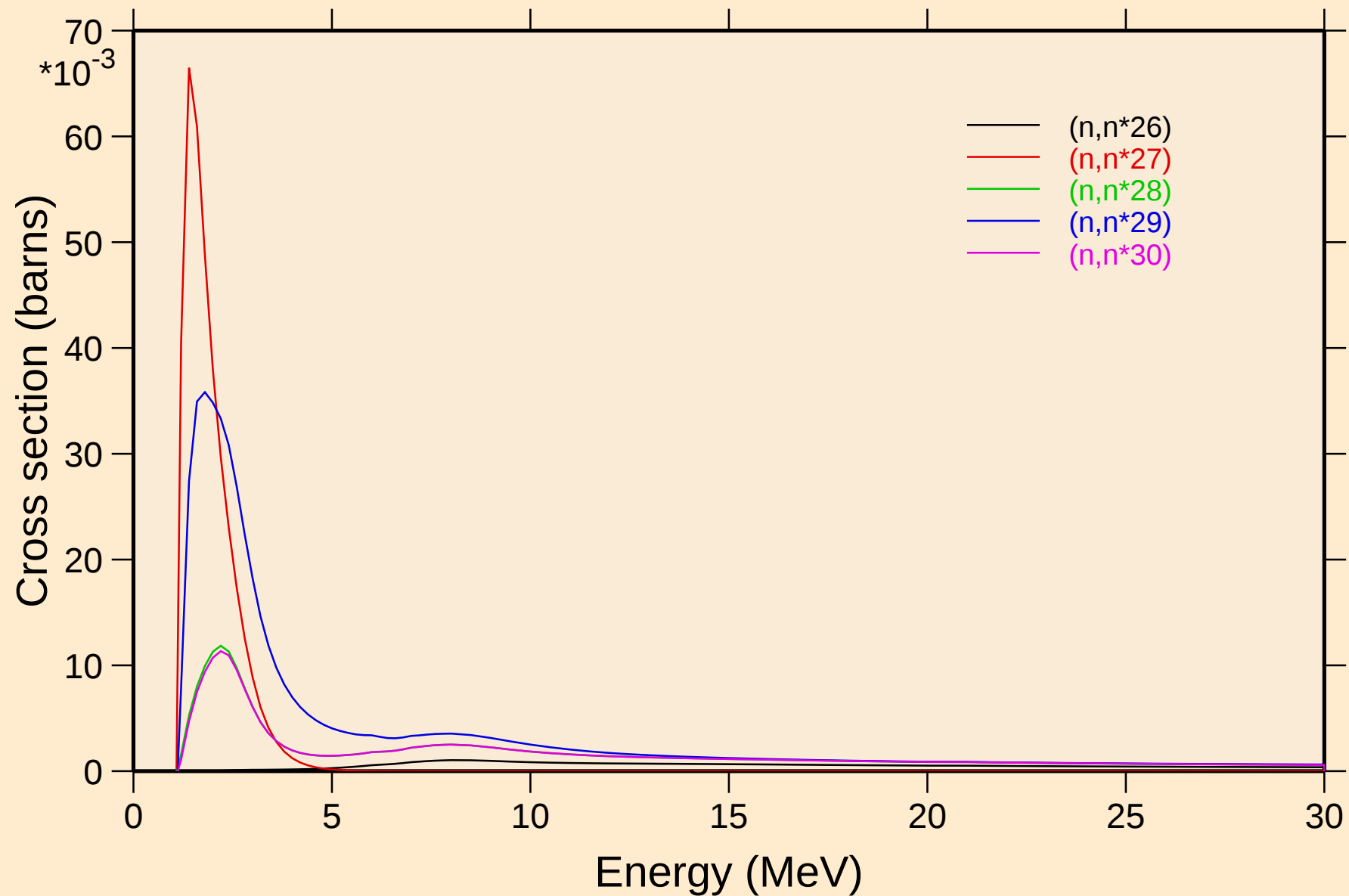
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



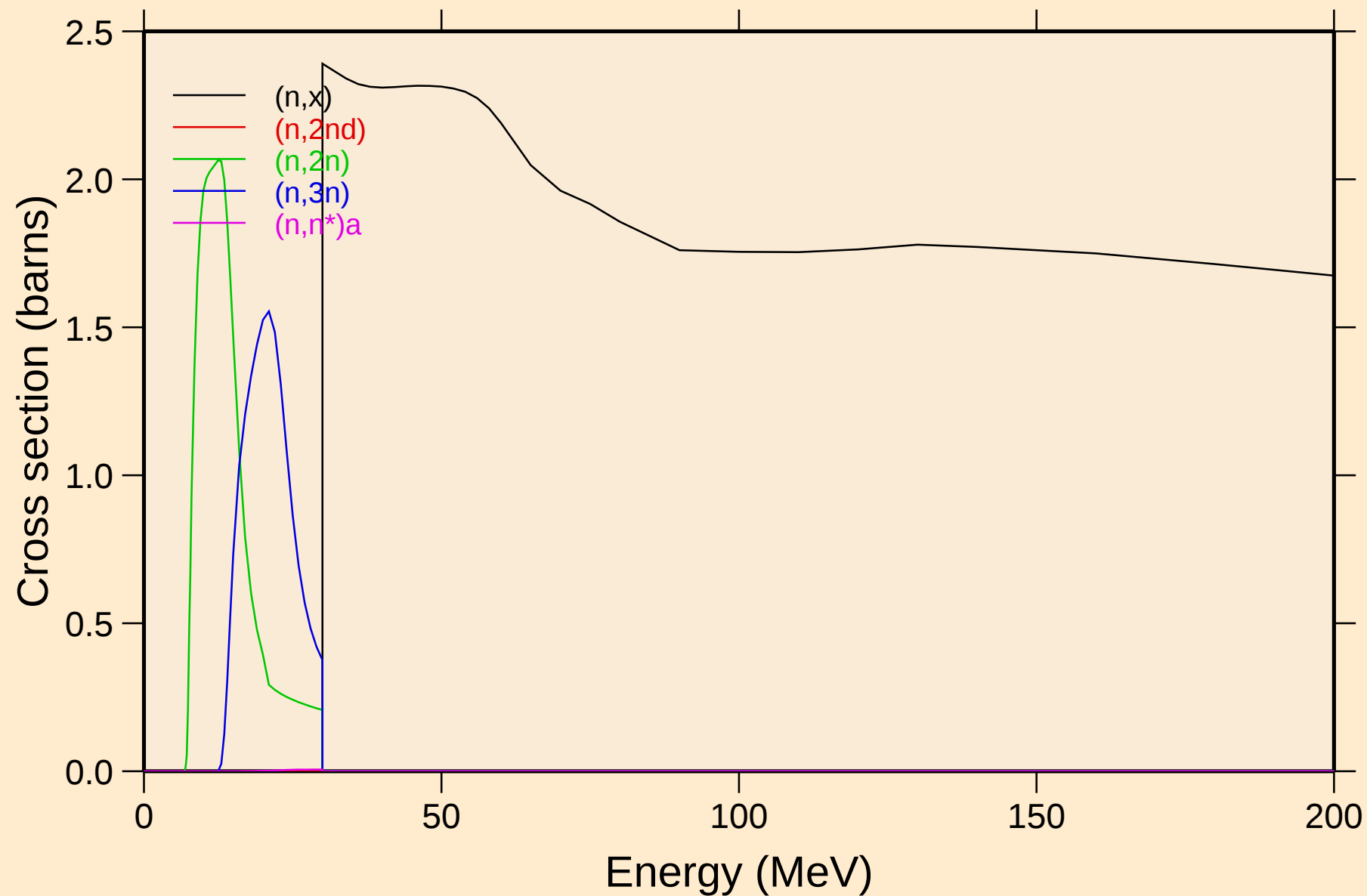
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



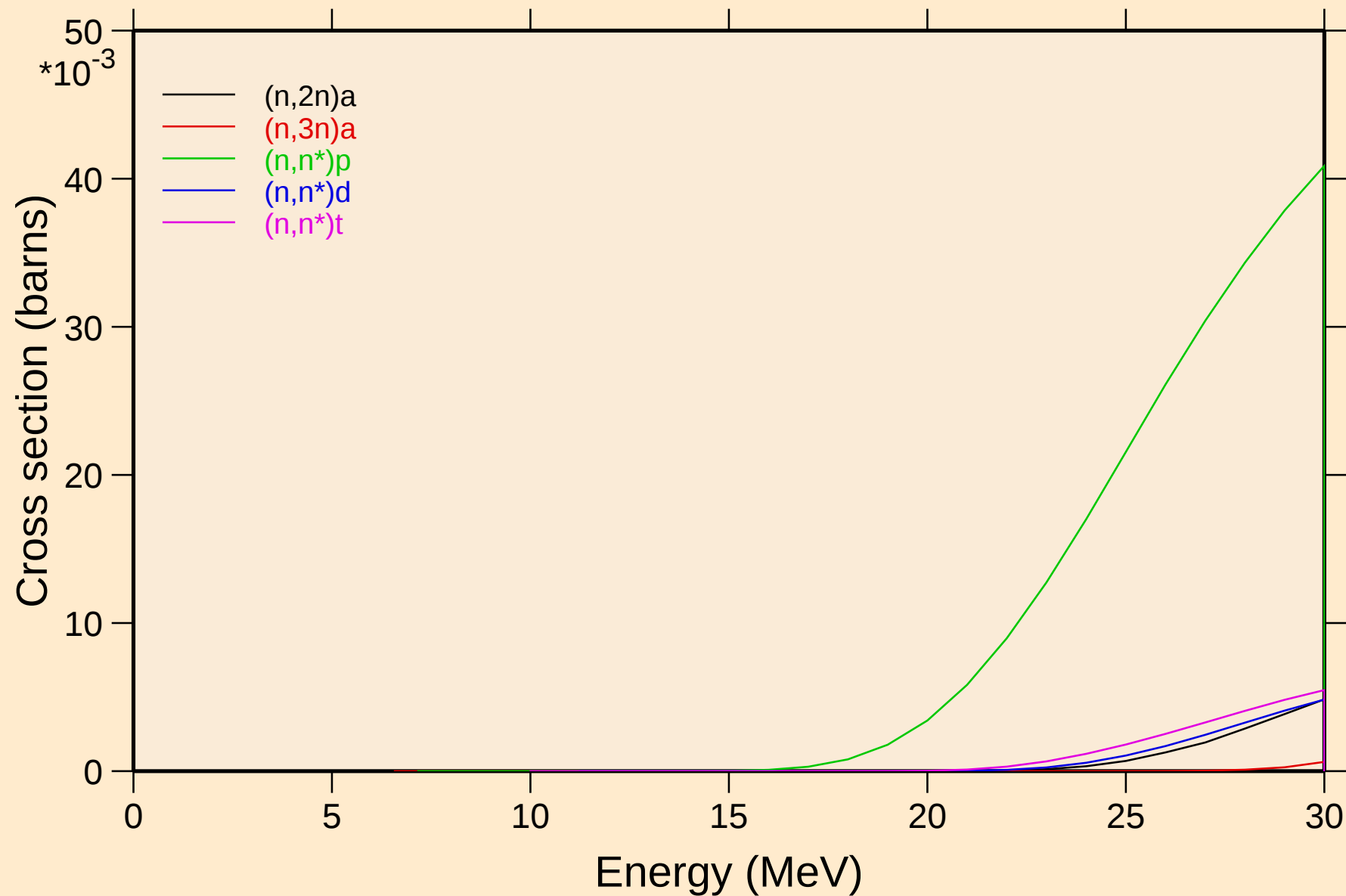
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



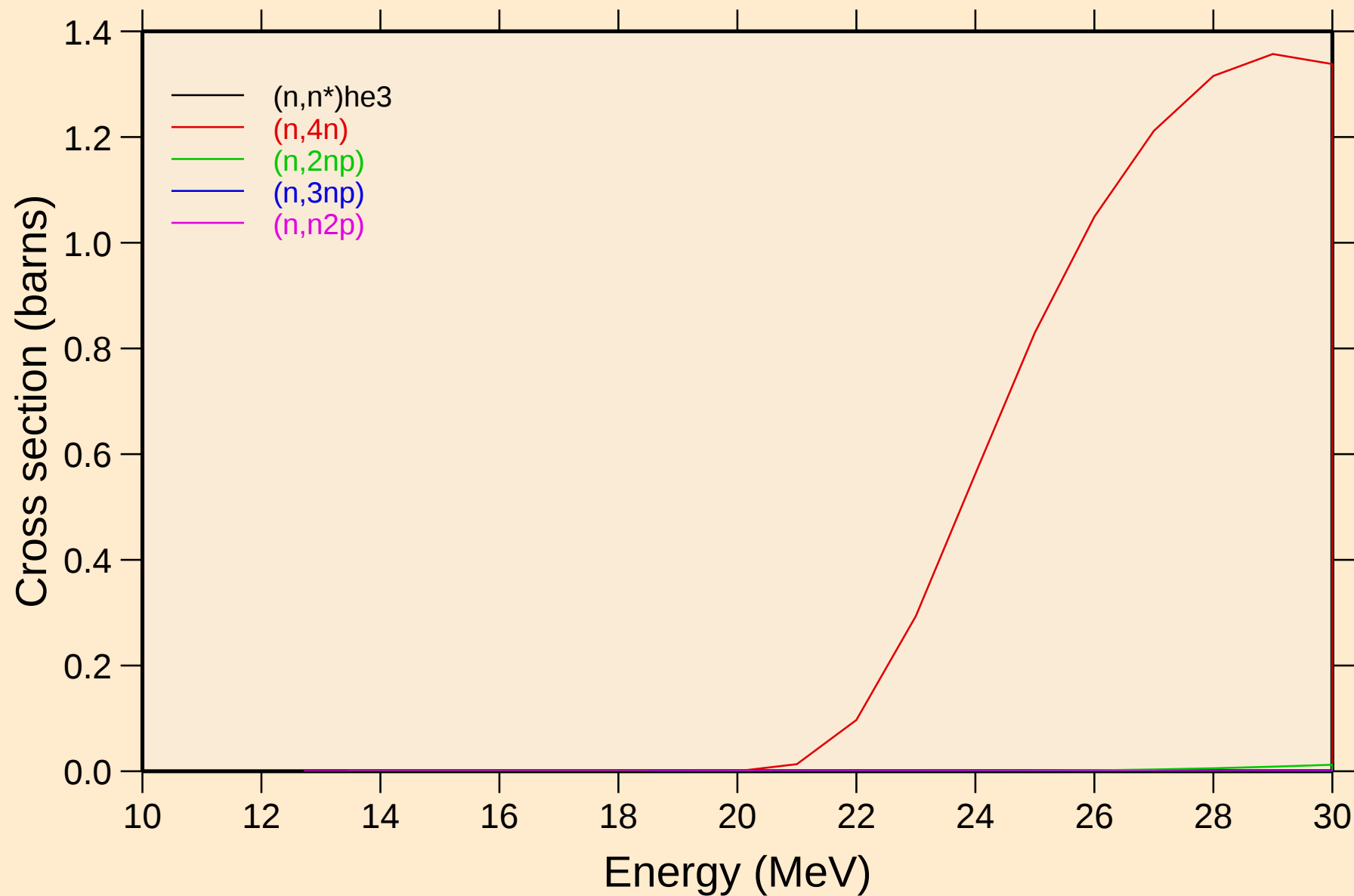
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



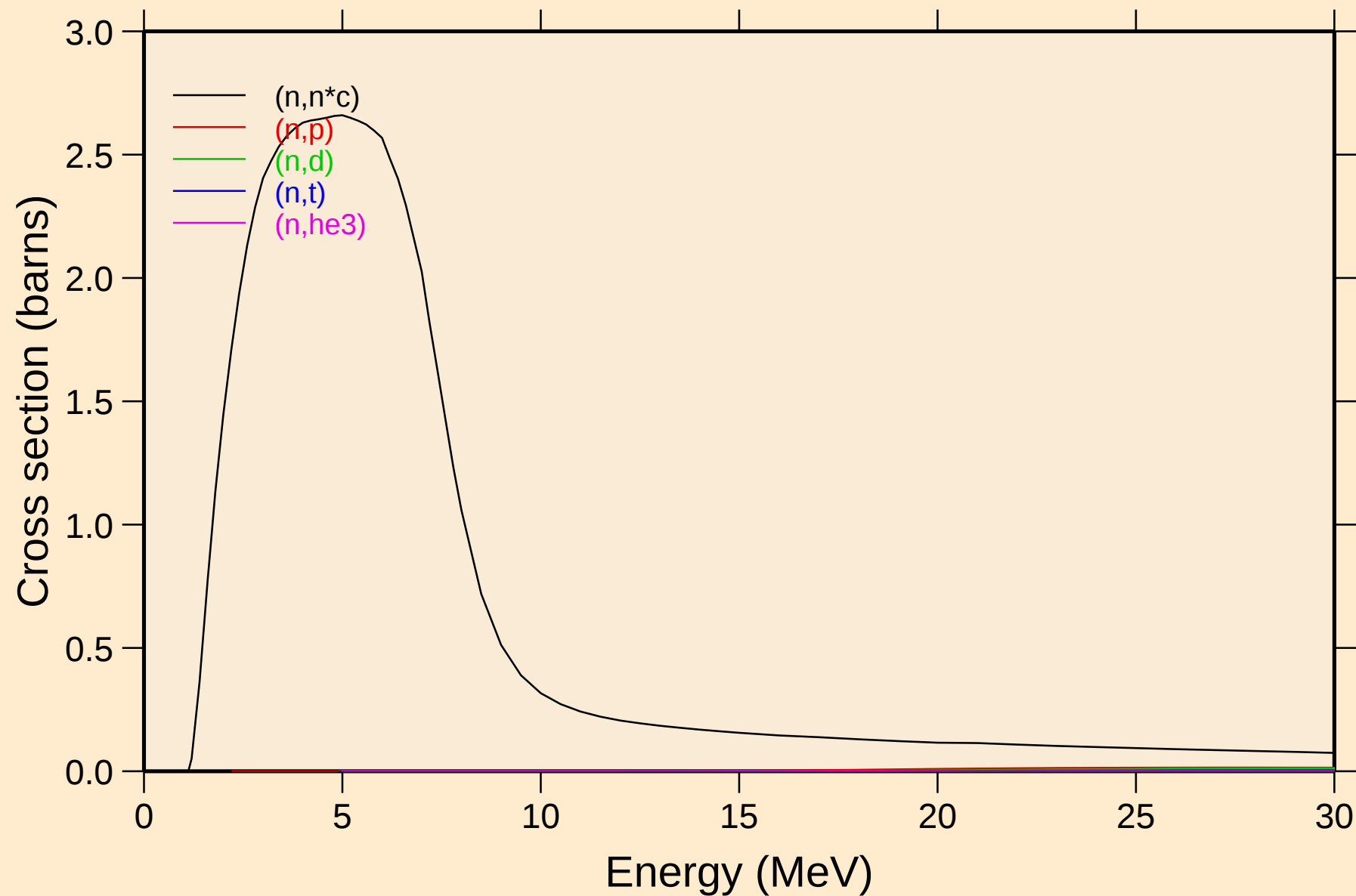
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



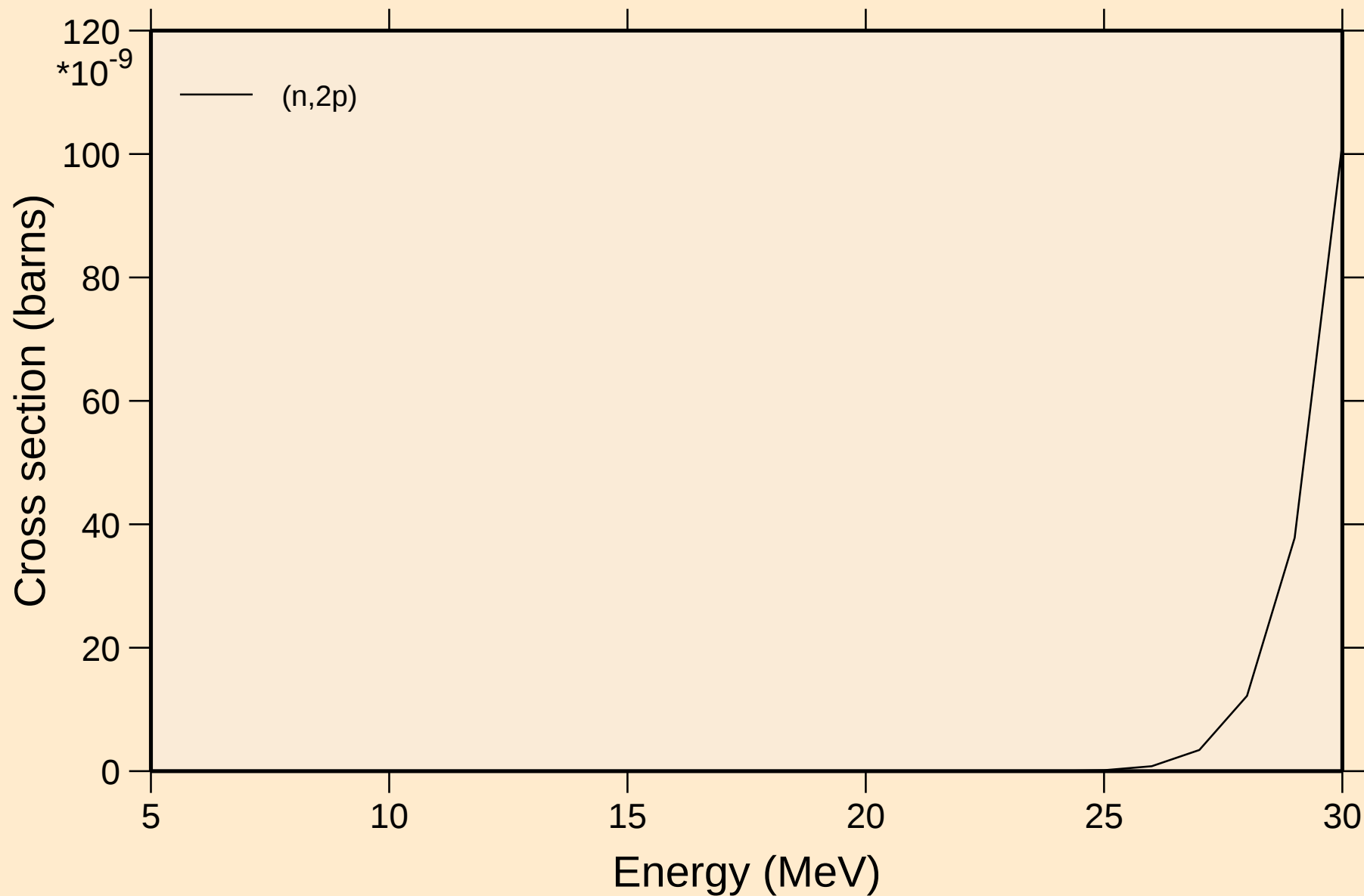
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



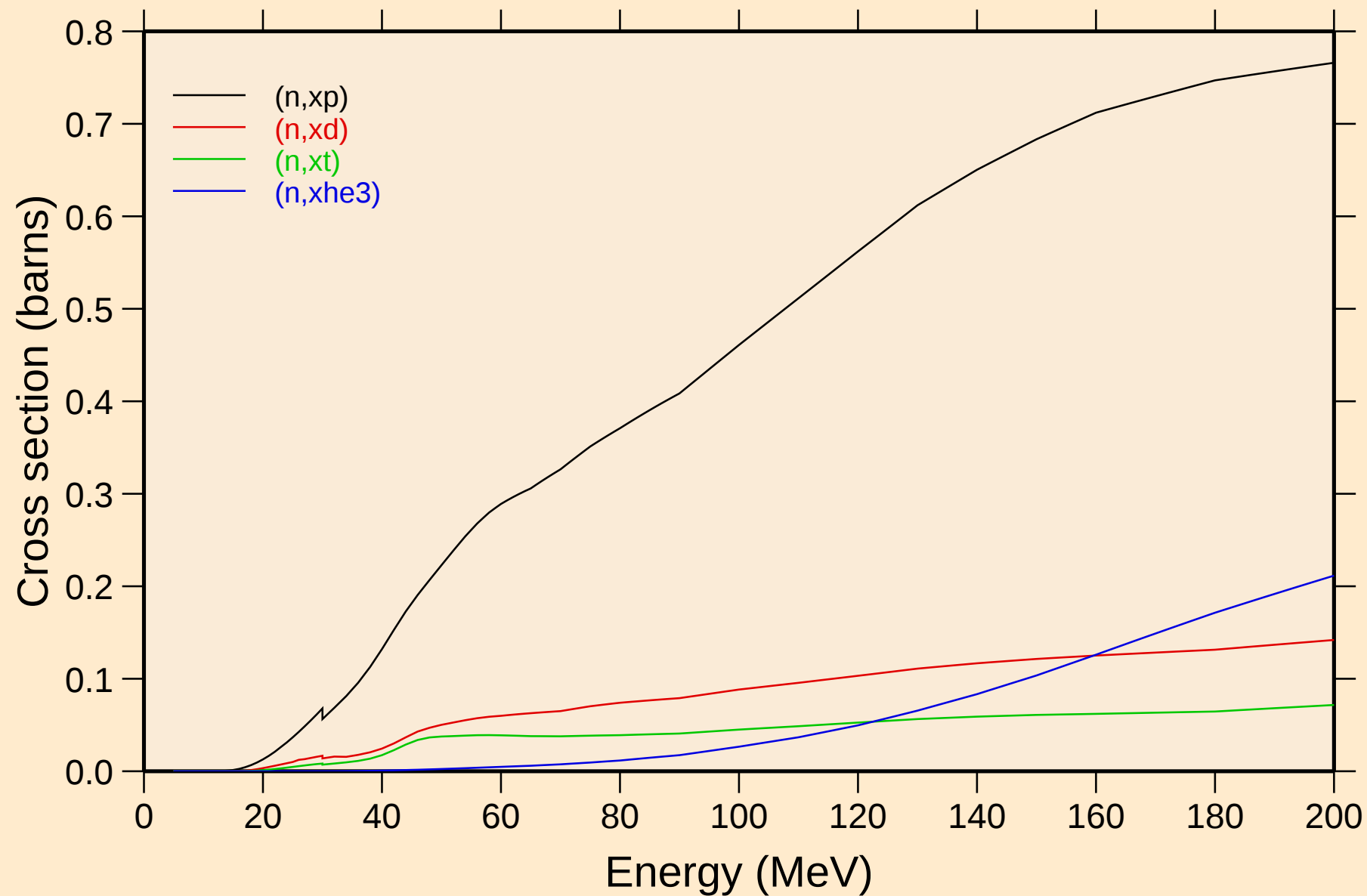
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



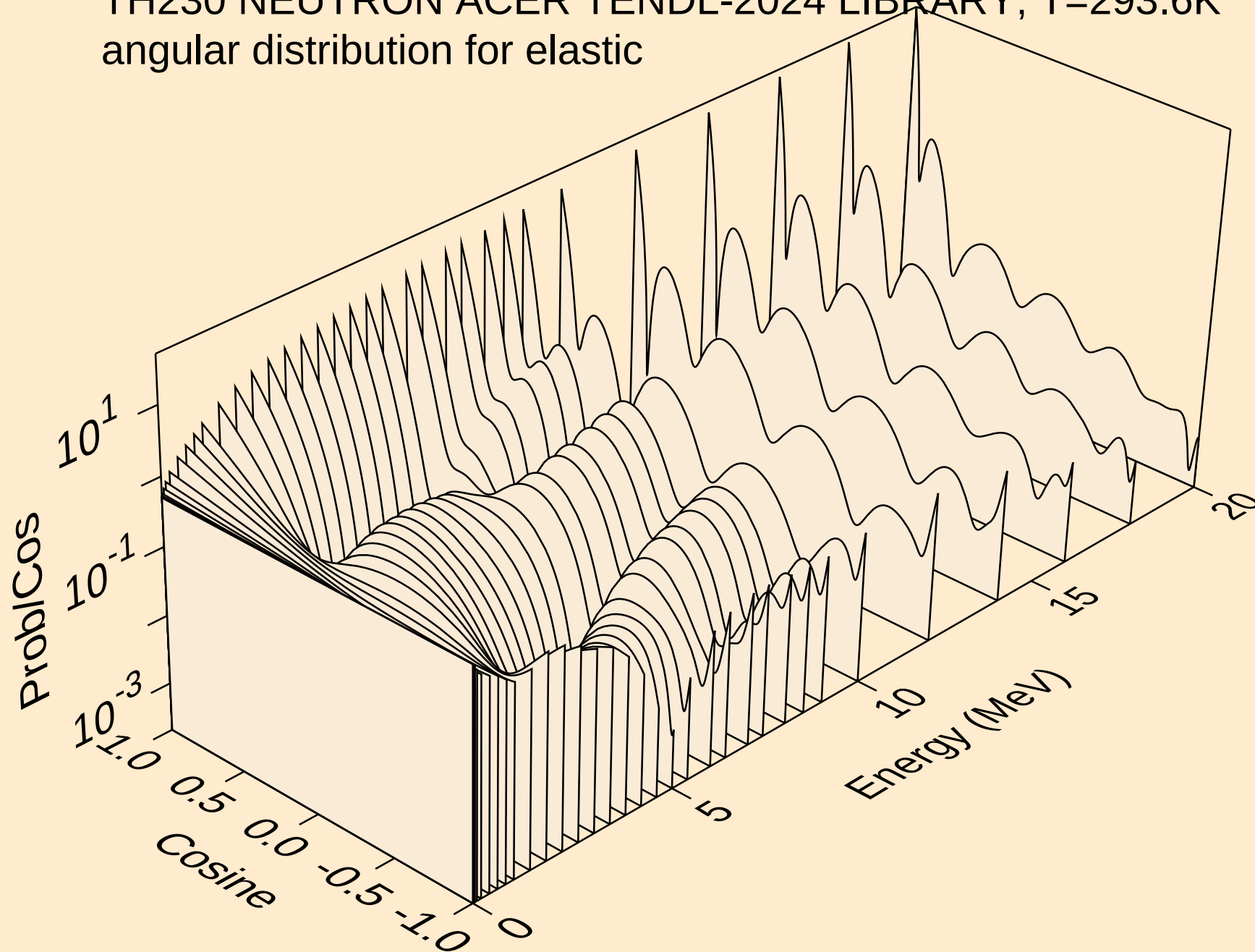
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



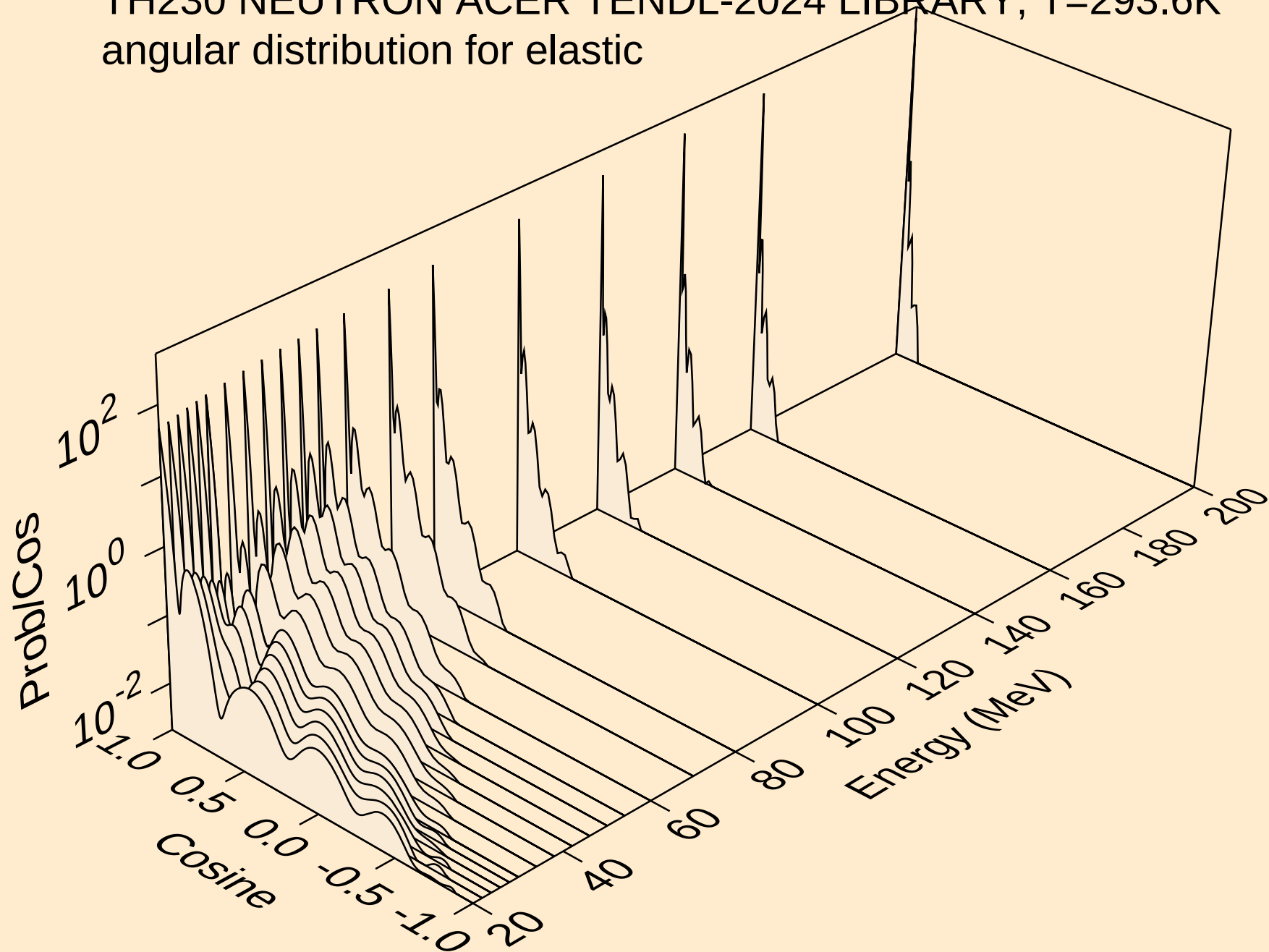
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



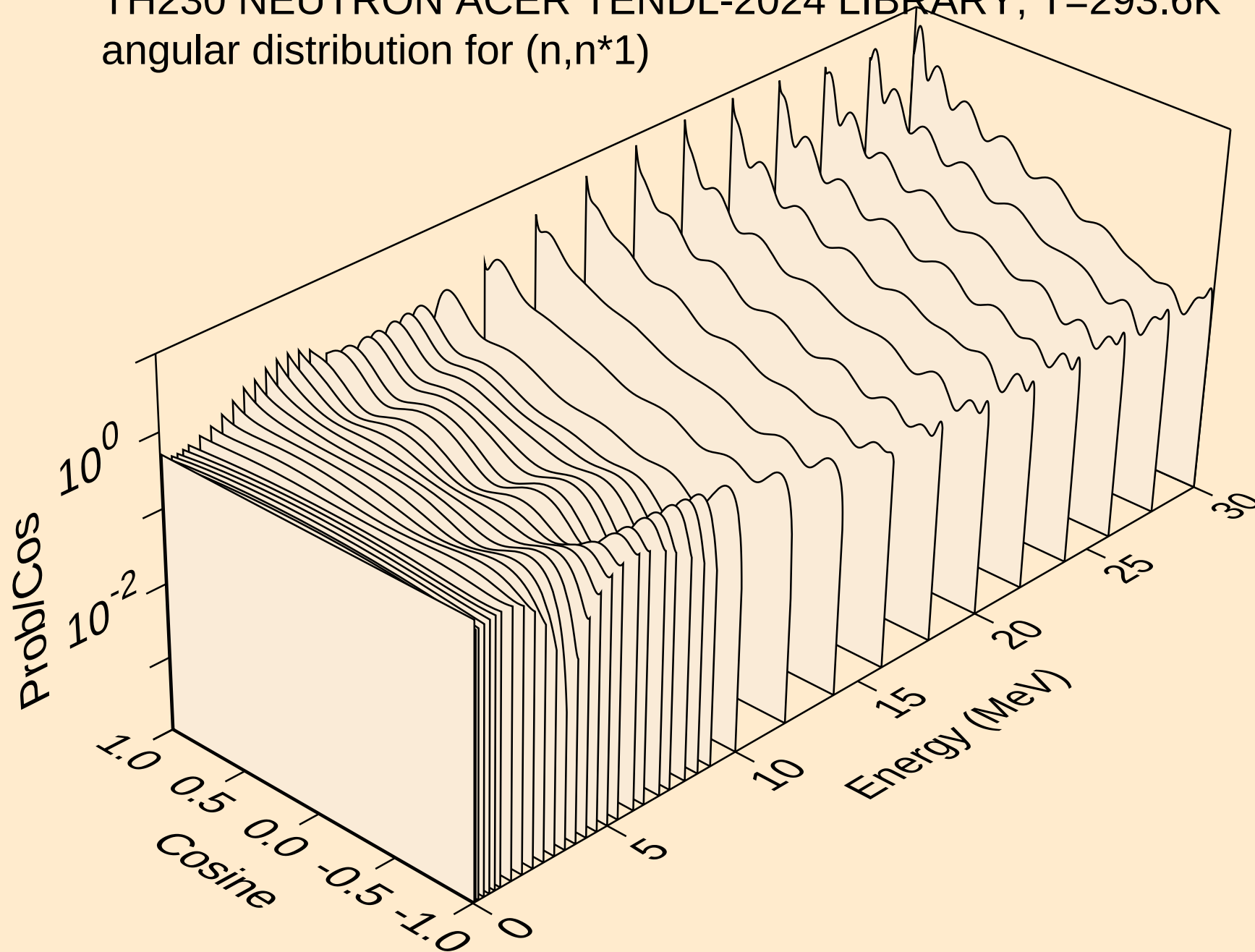
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



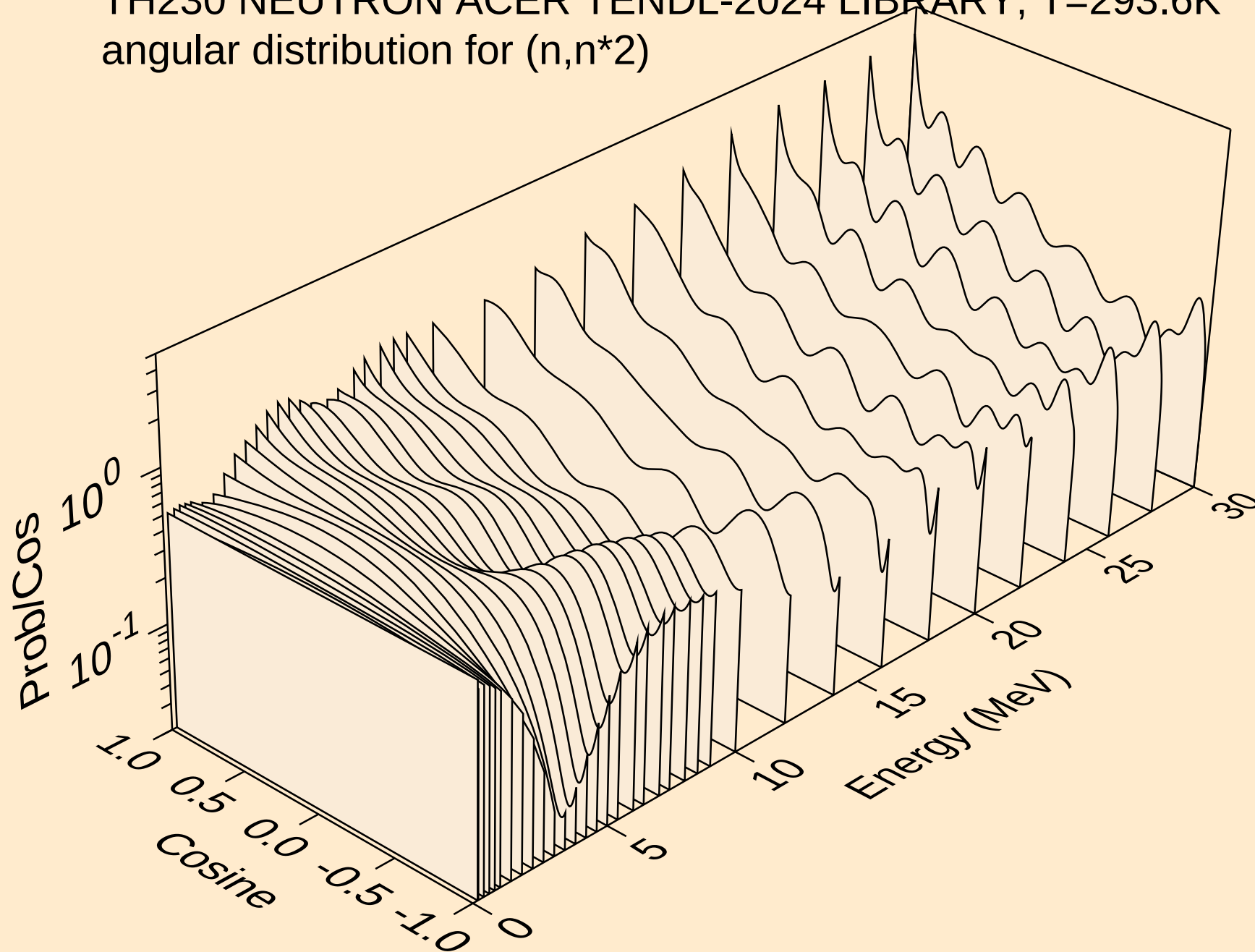
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



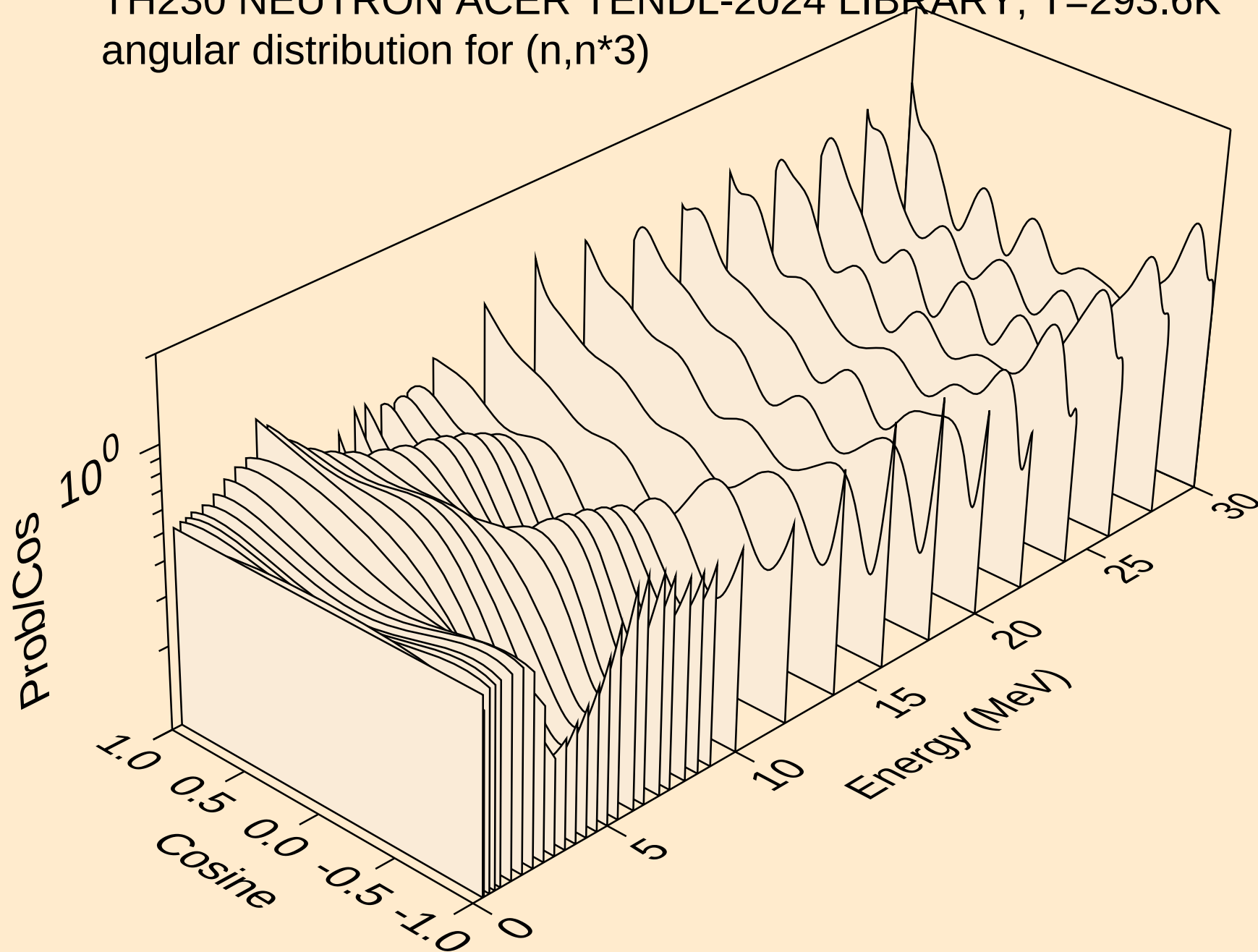
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



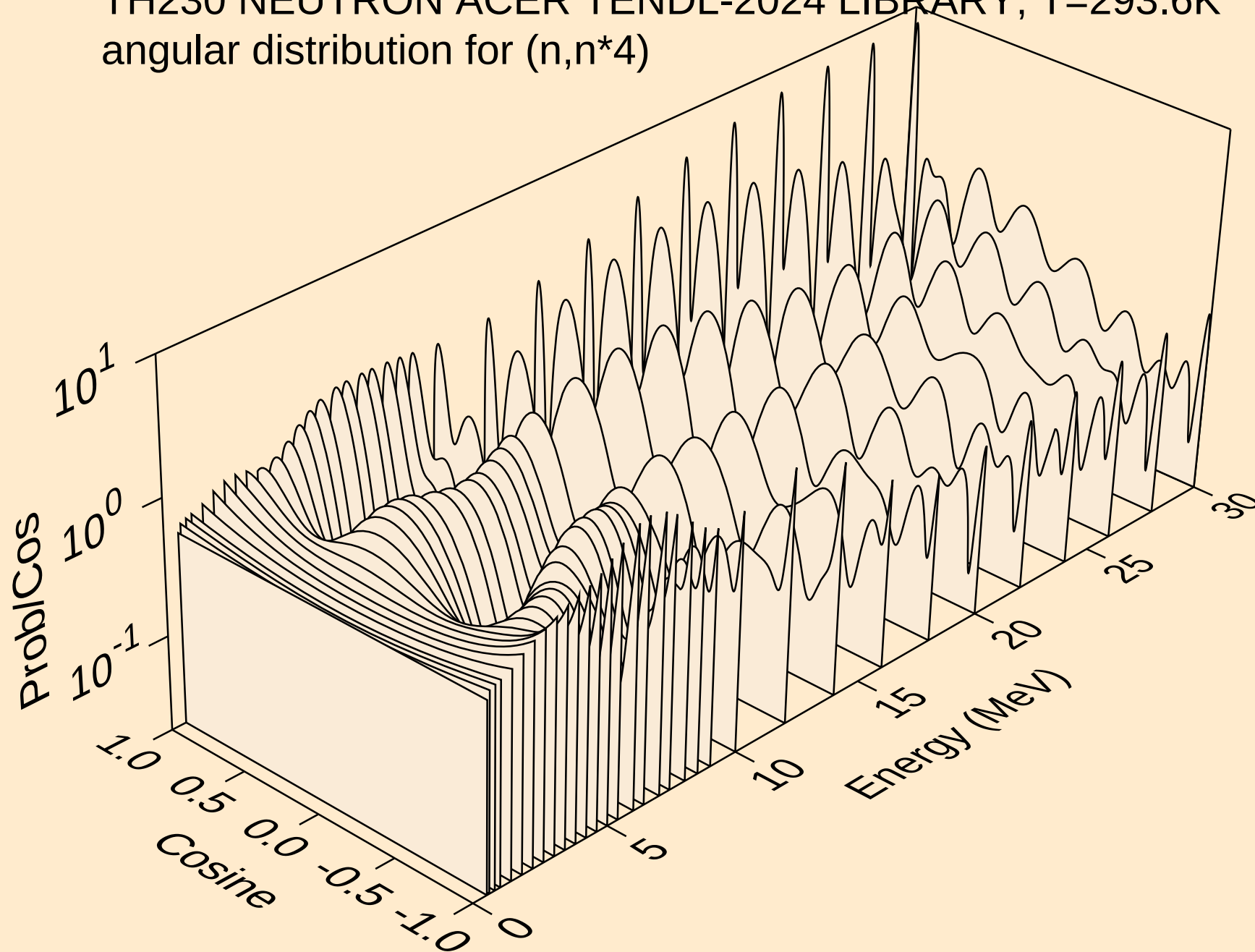
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



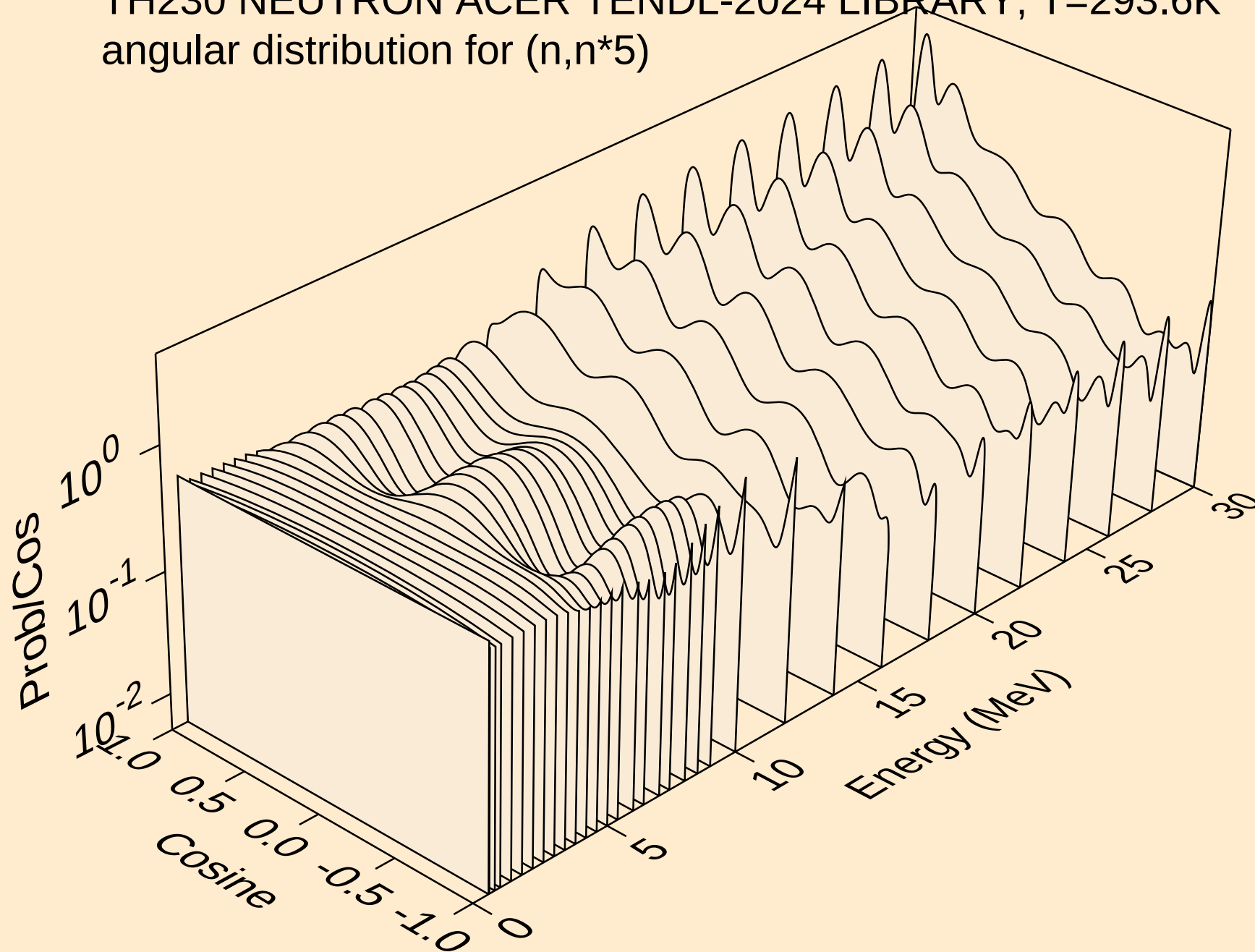
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



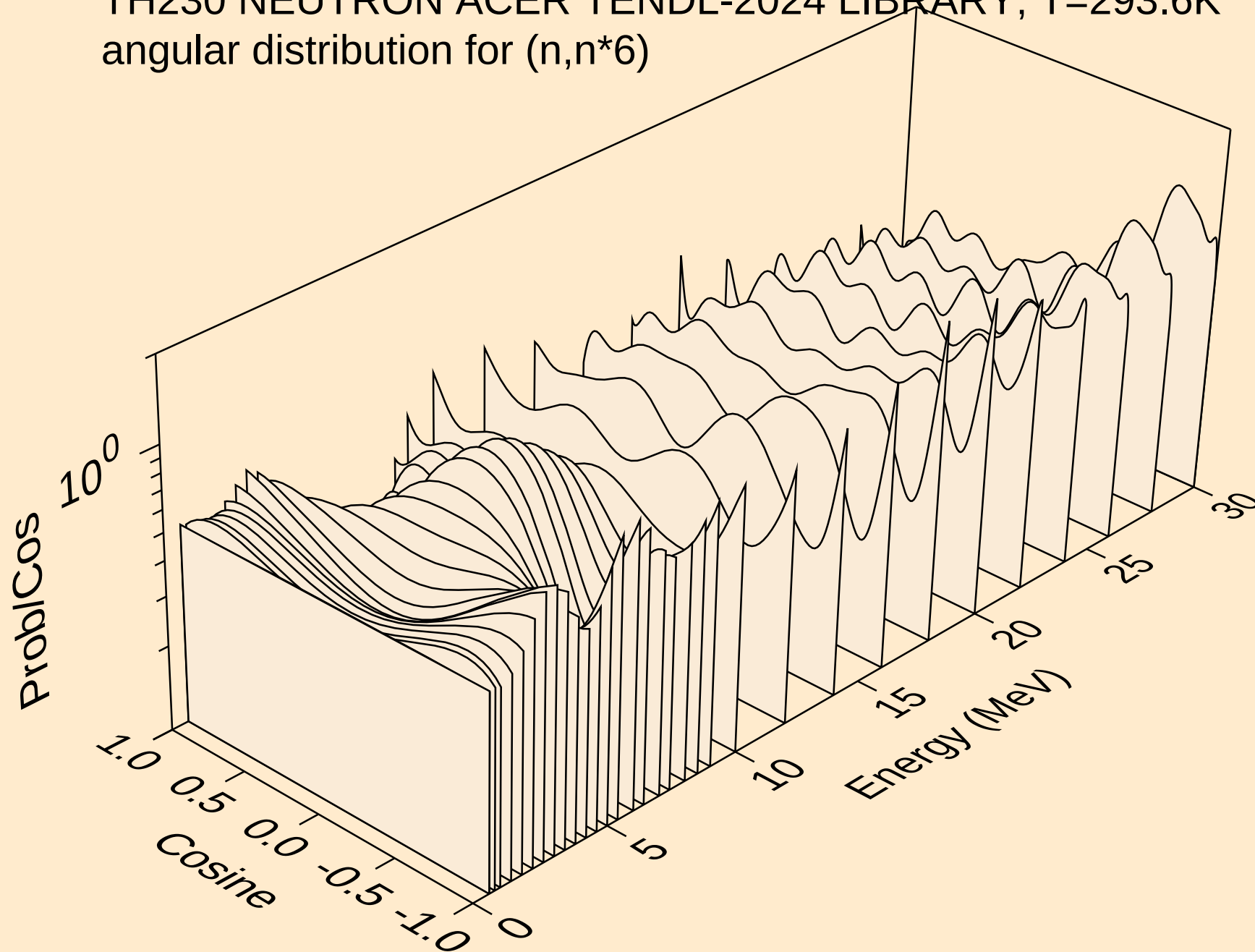
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



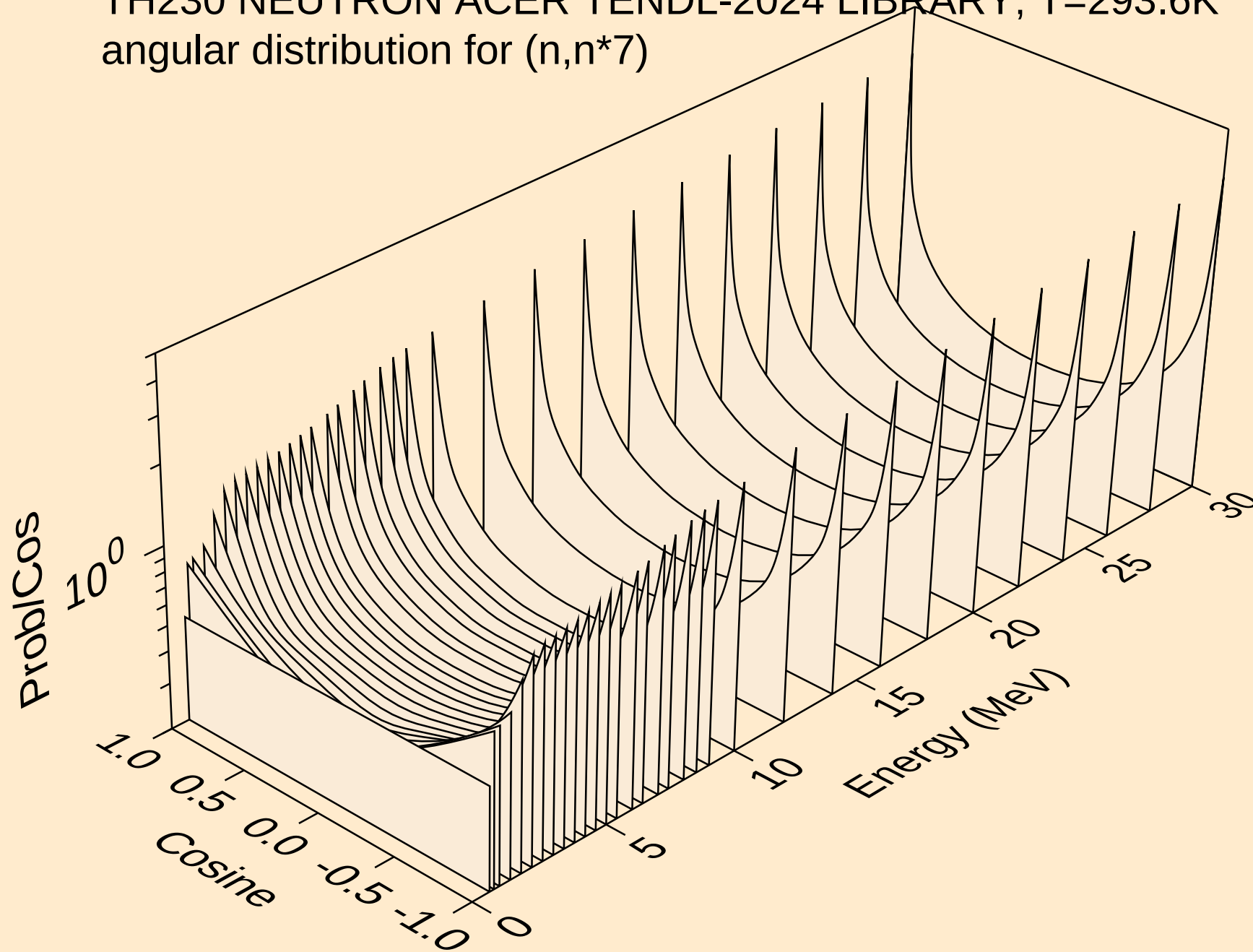
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



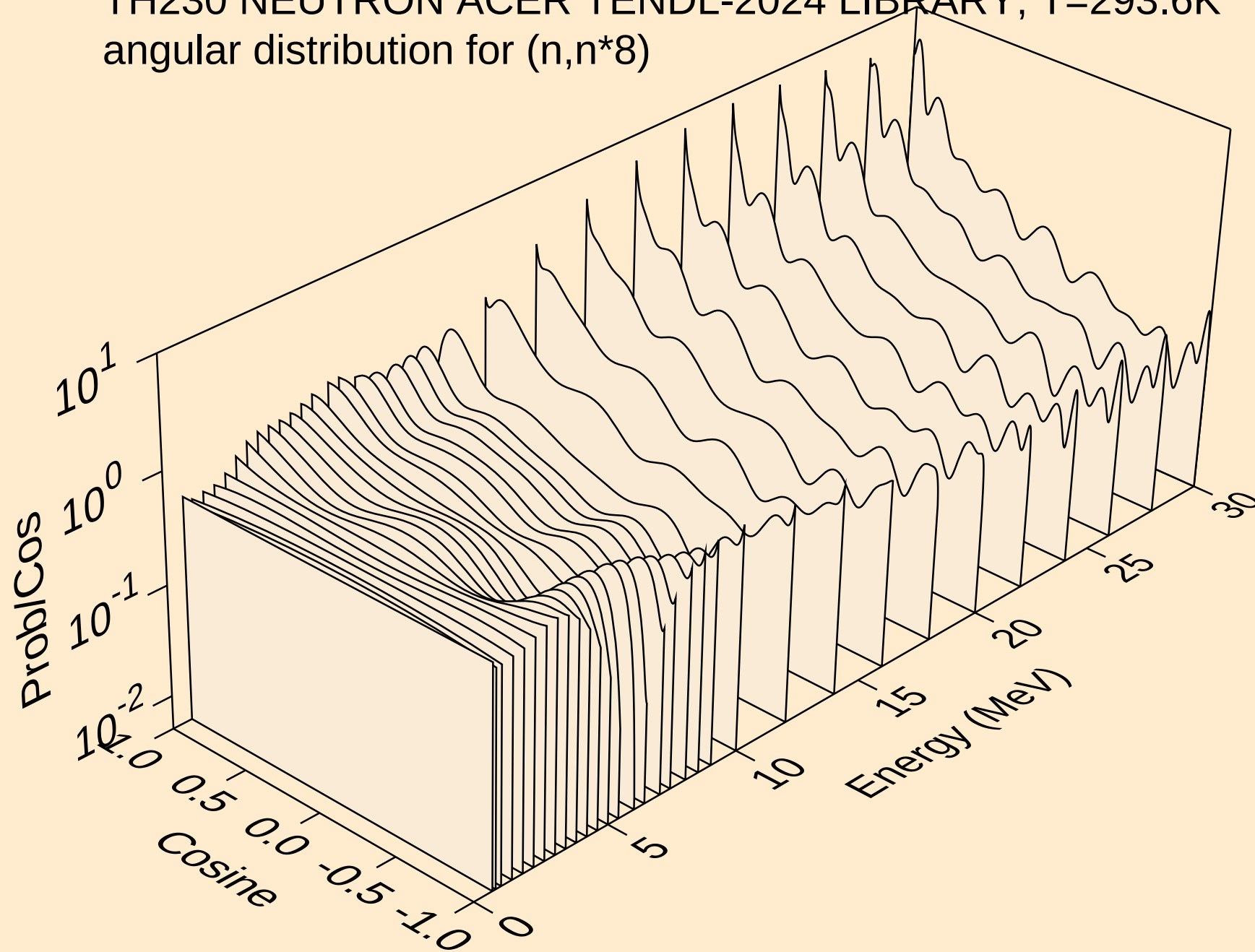
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



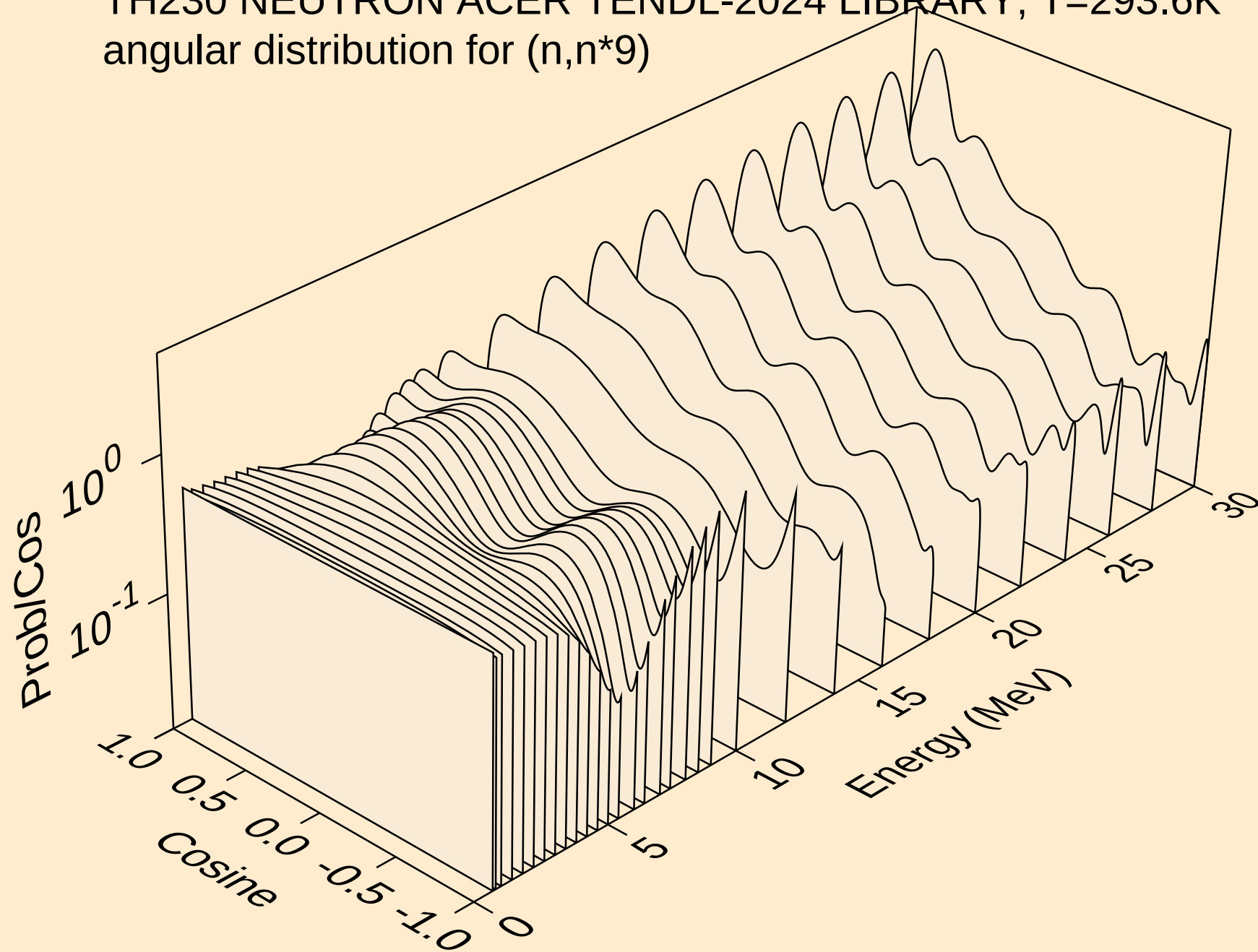
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



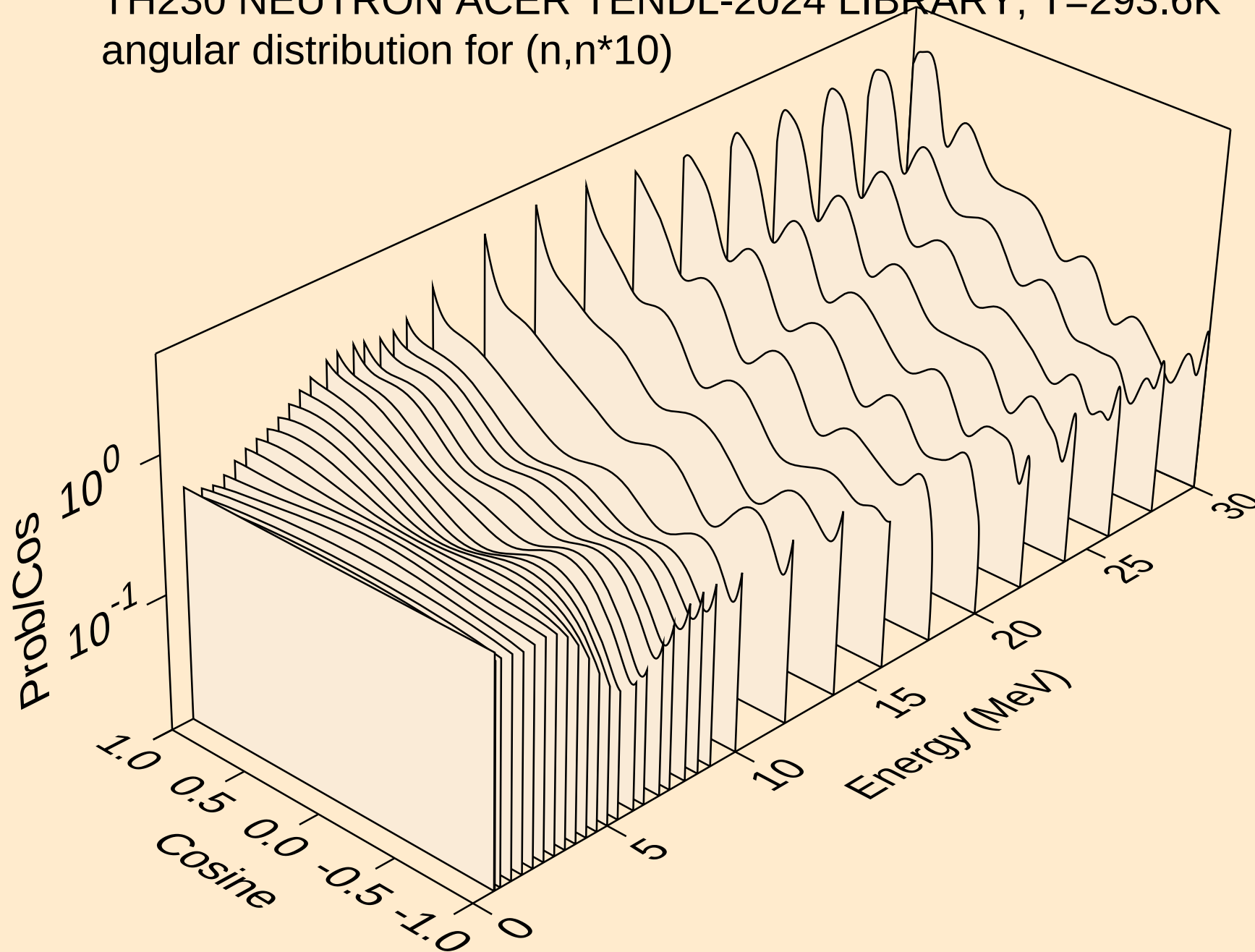
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



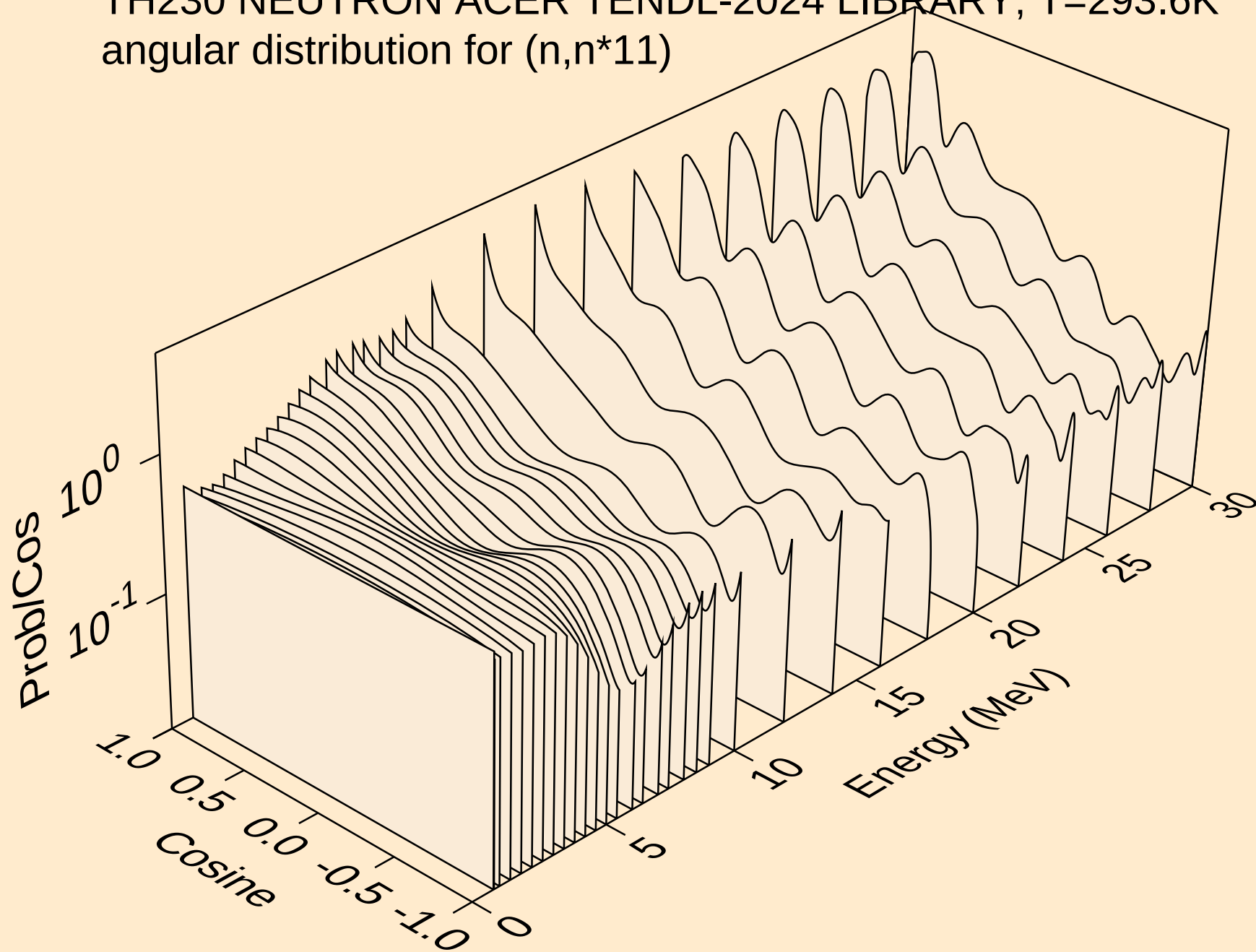
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



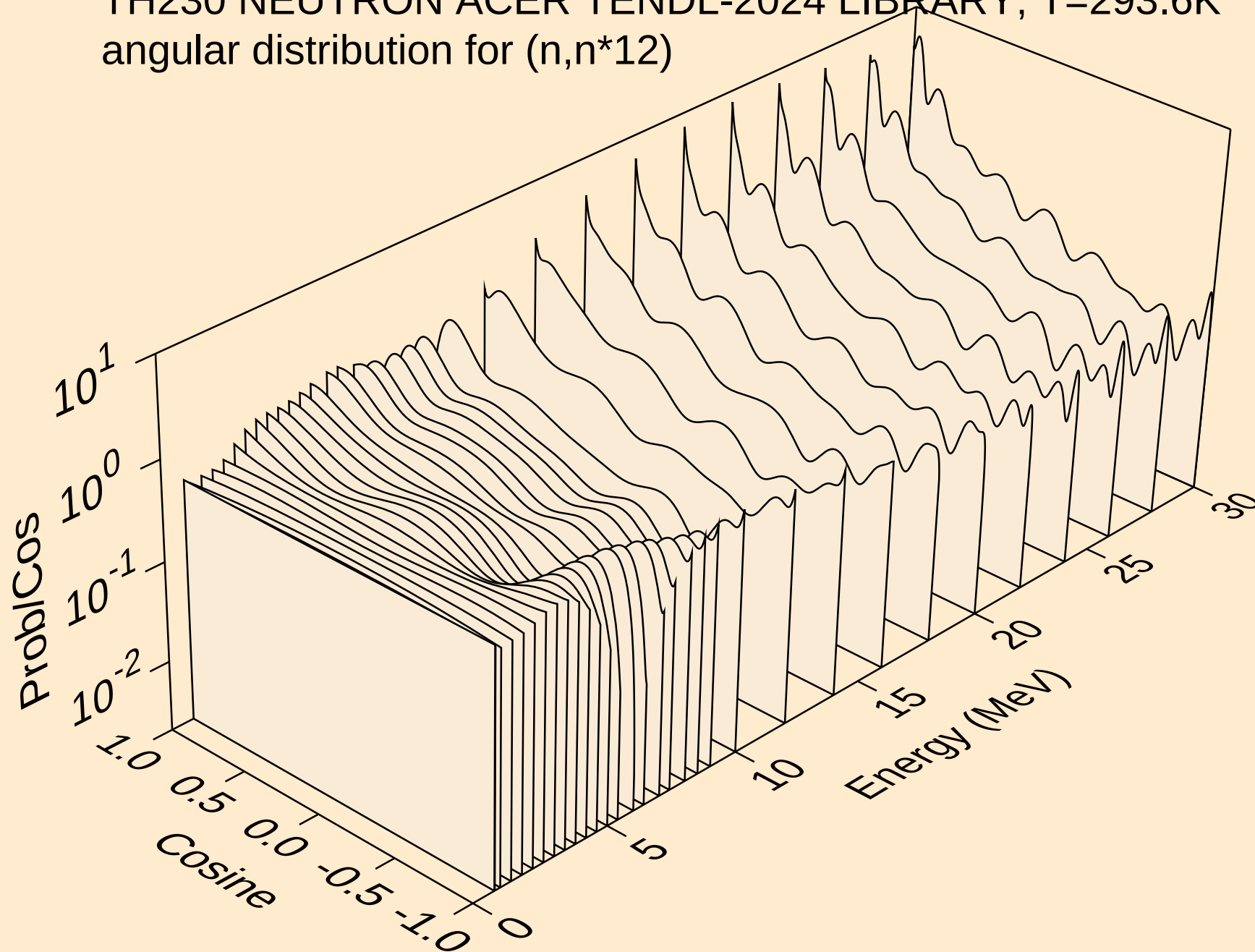
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



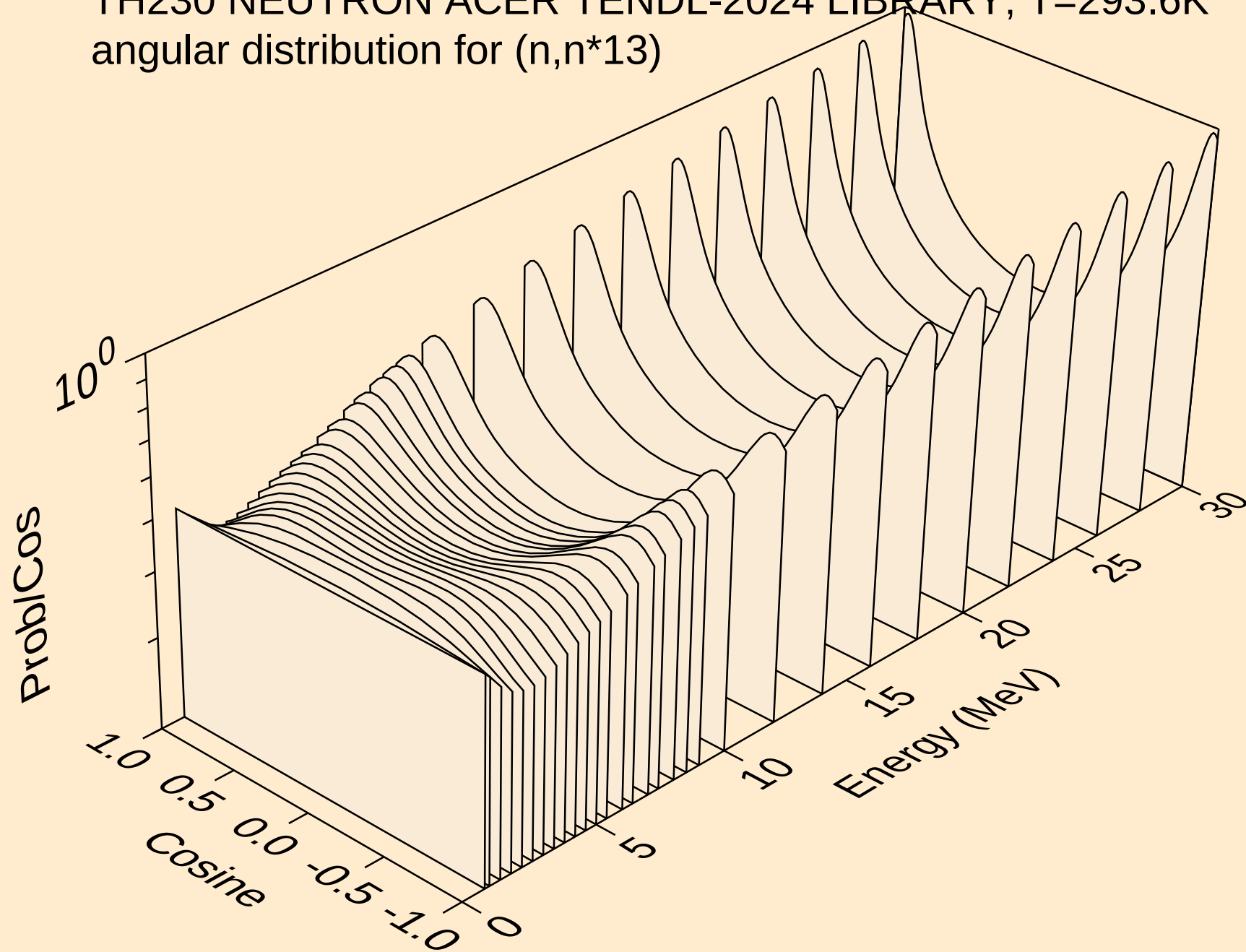
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



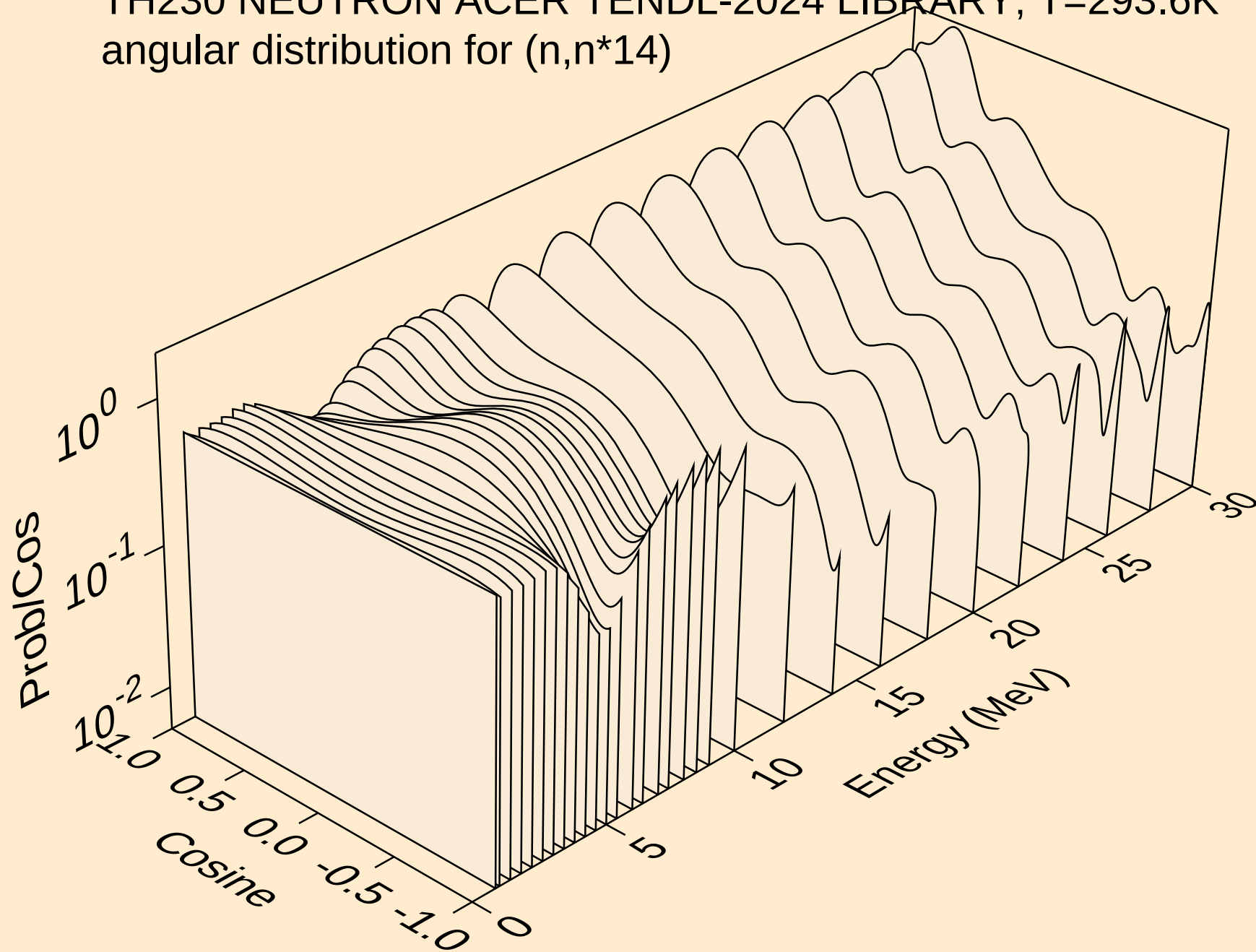
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



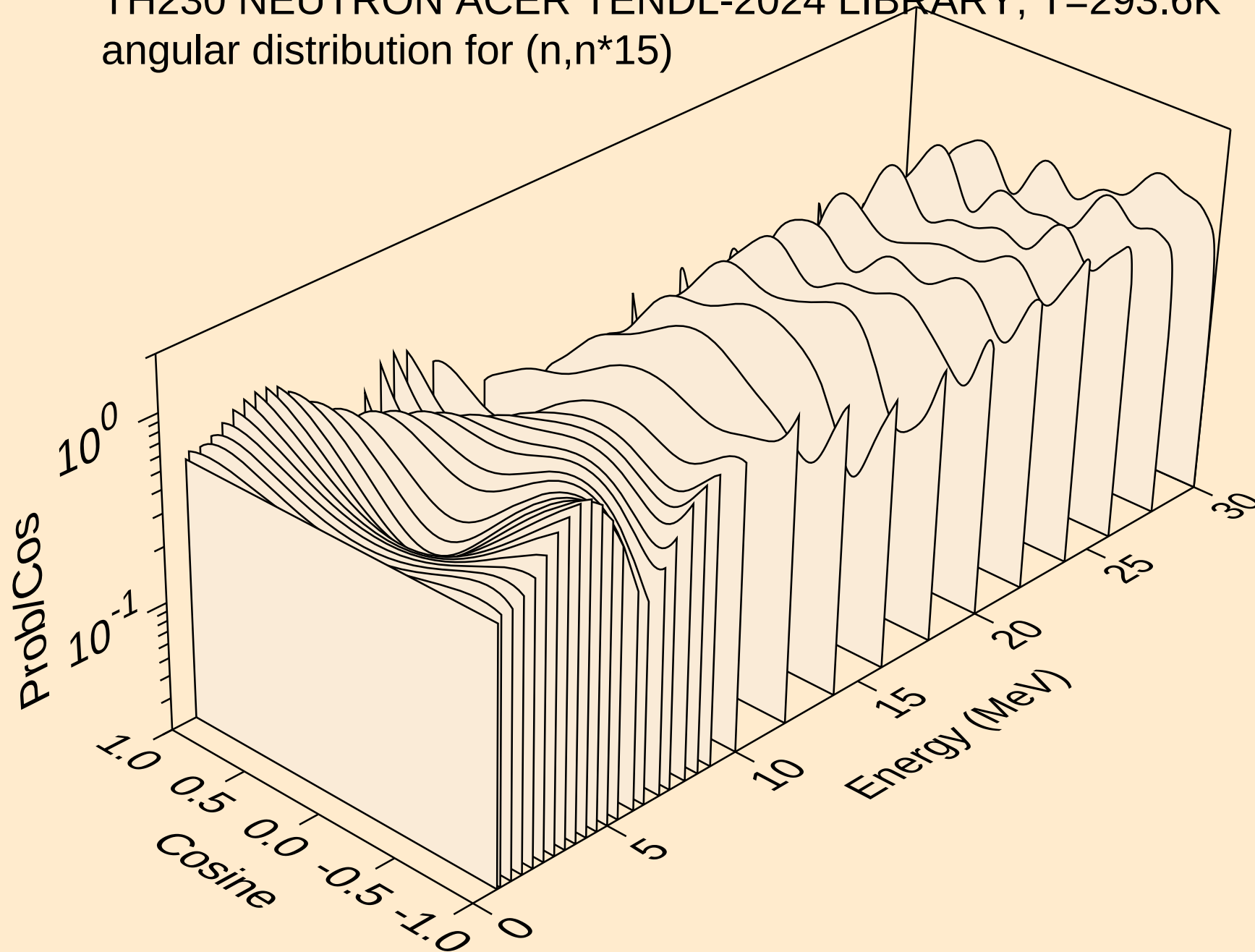
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



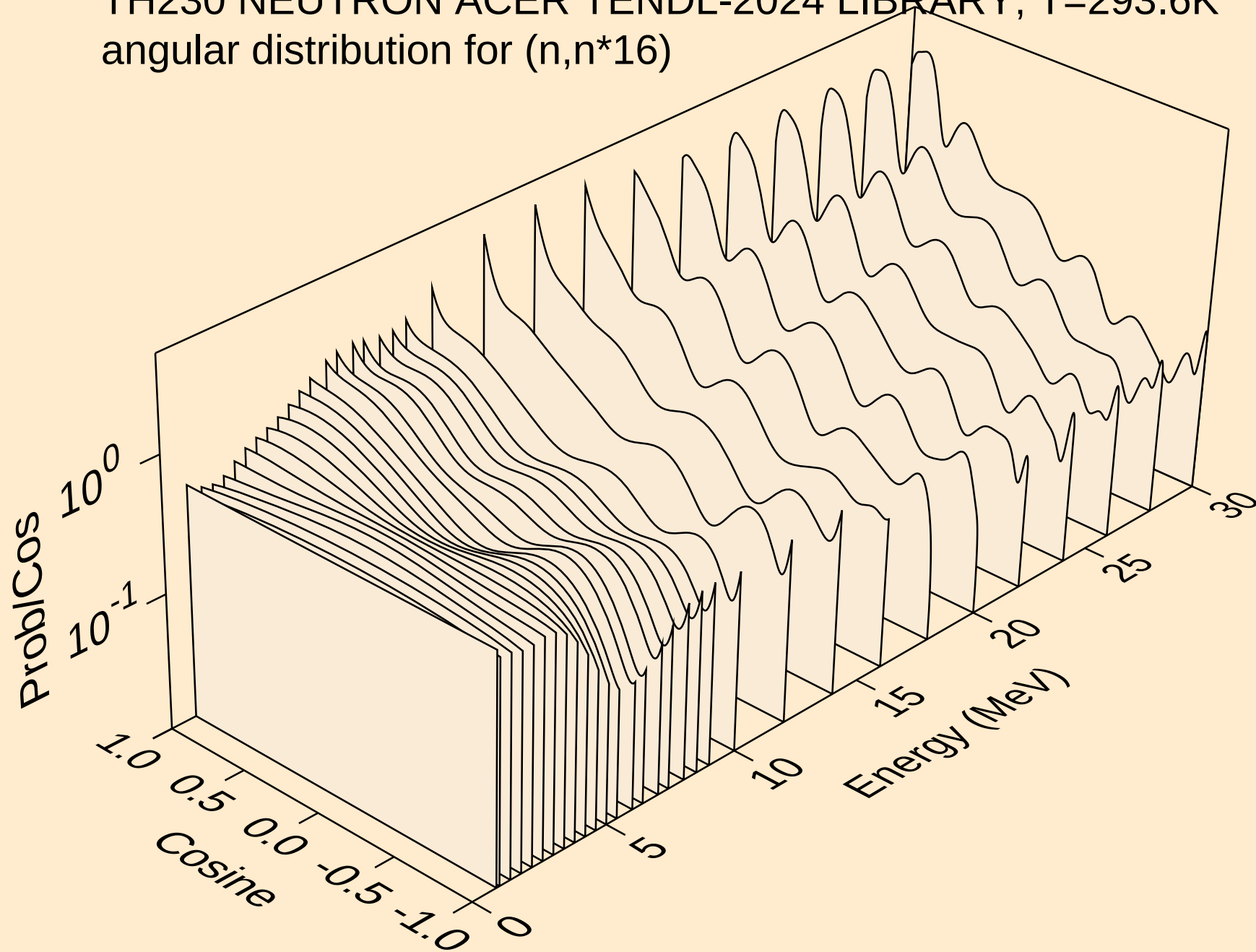
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)



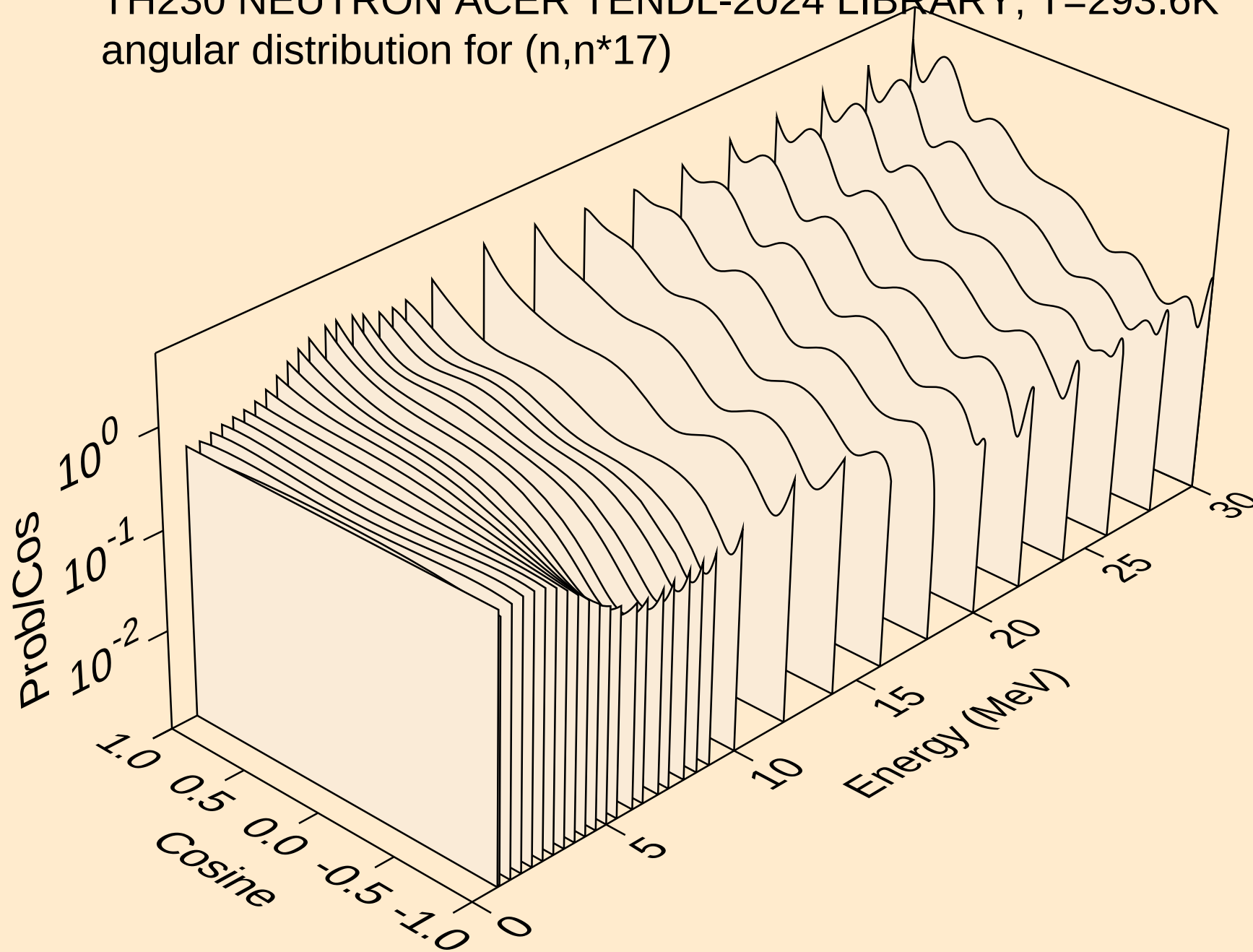
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



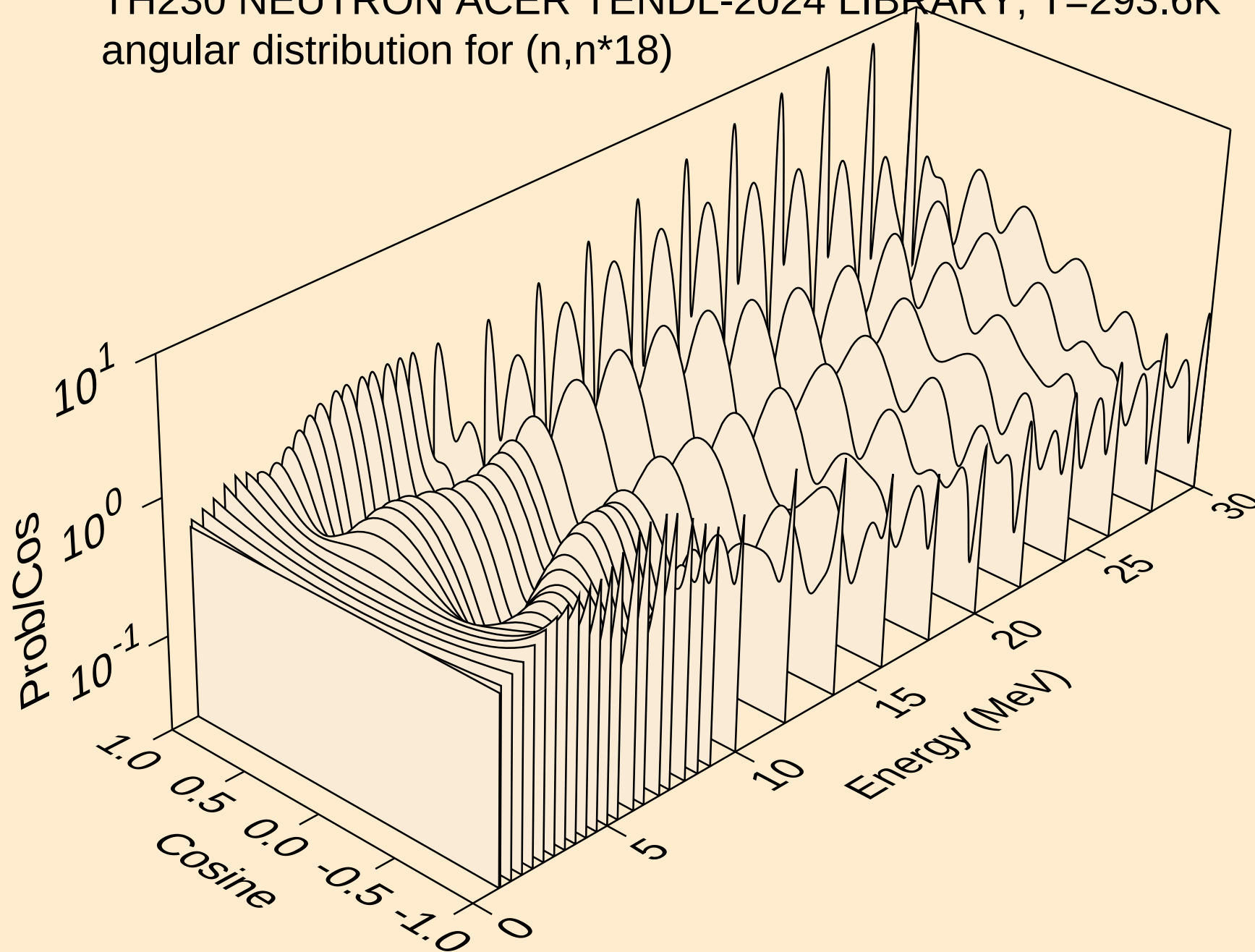
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



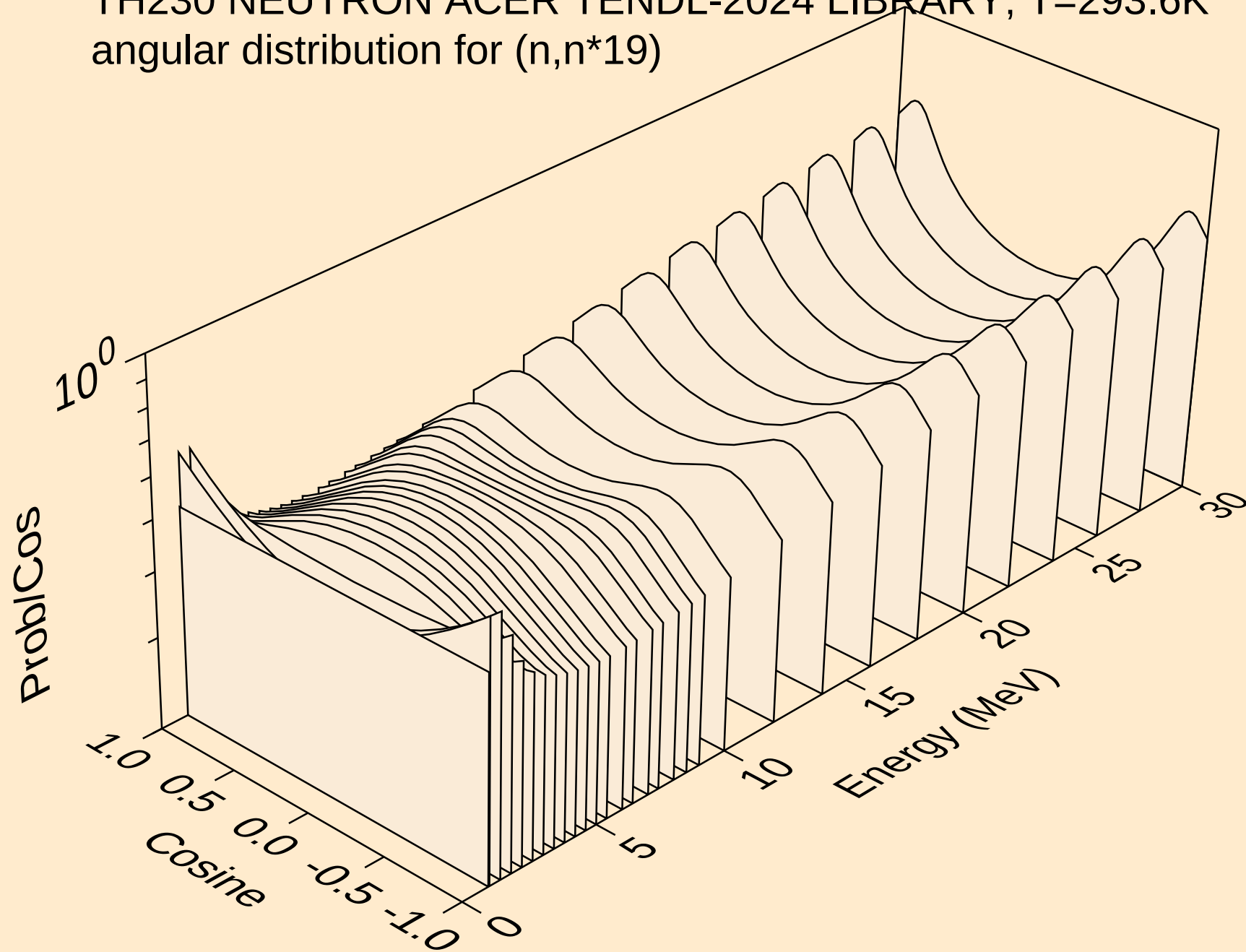
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



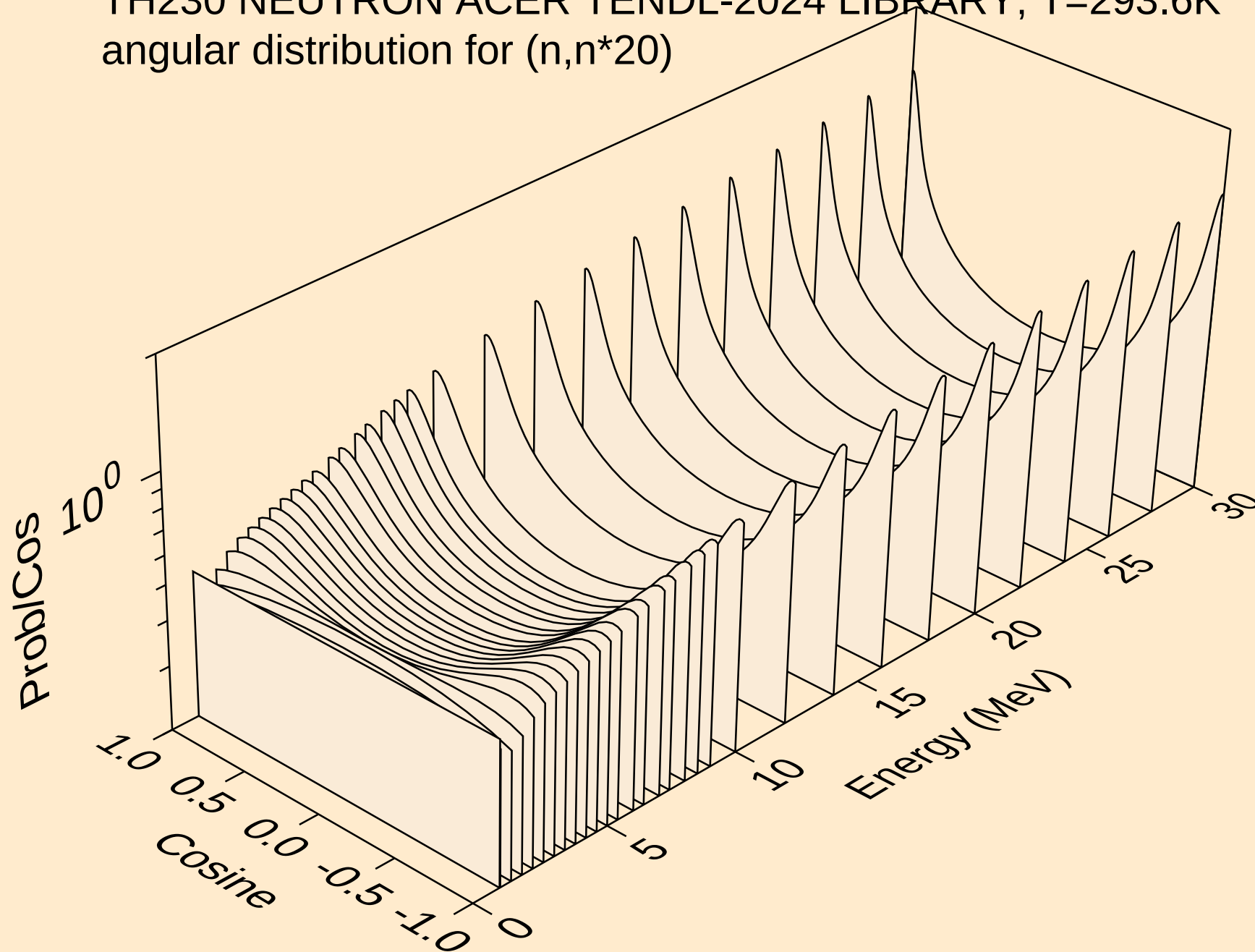
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



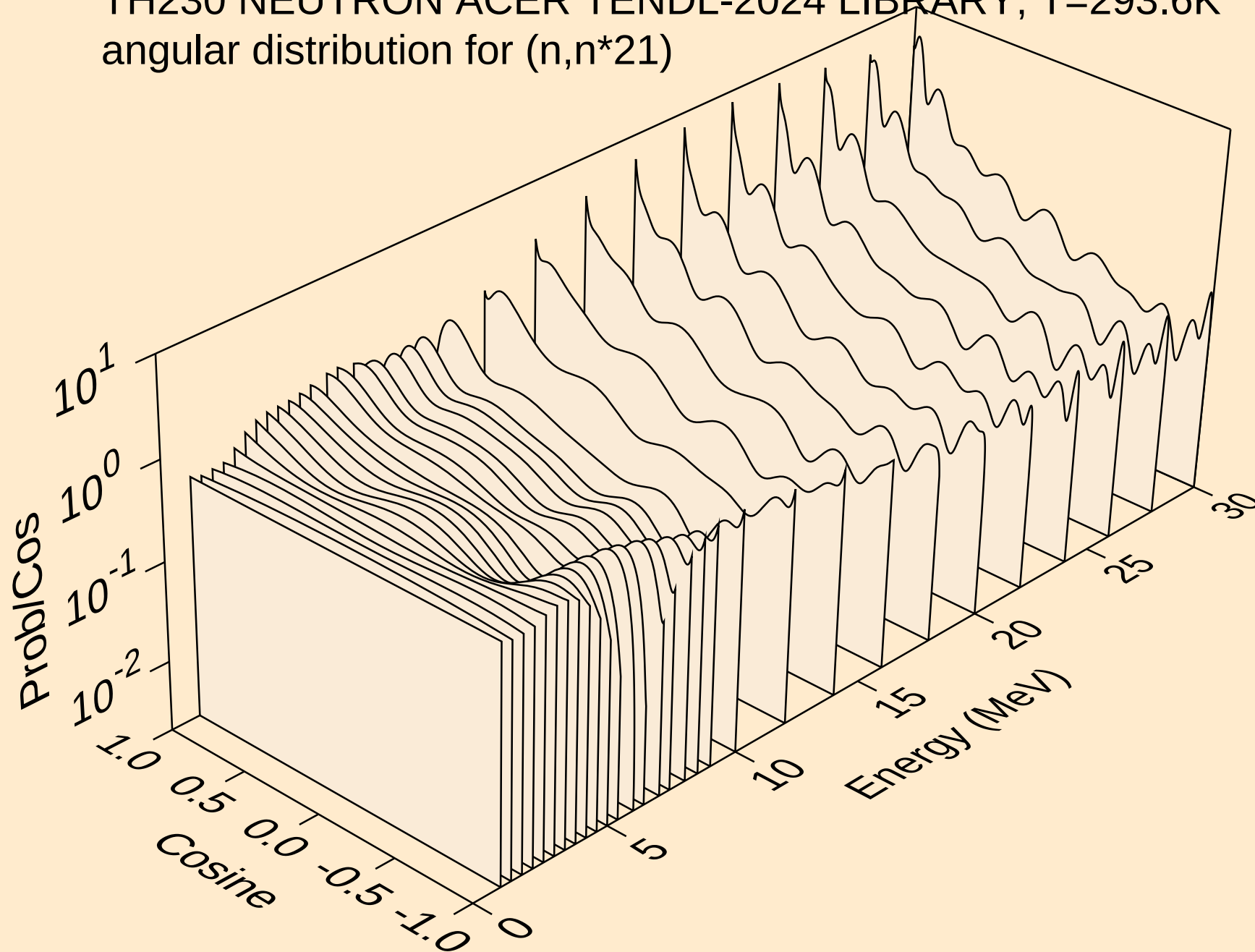
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



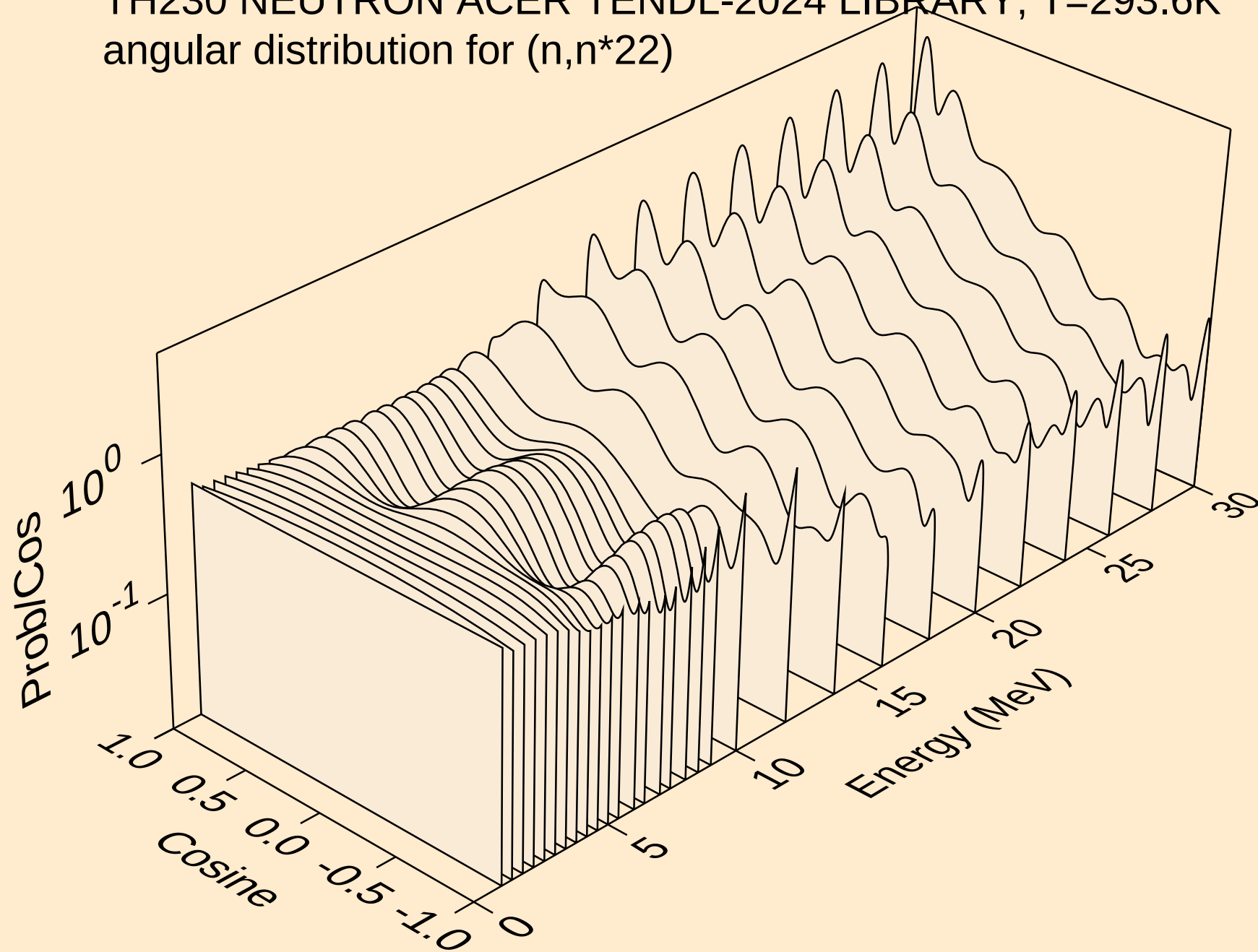
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



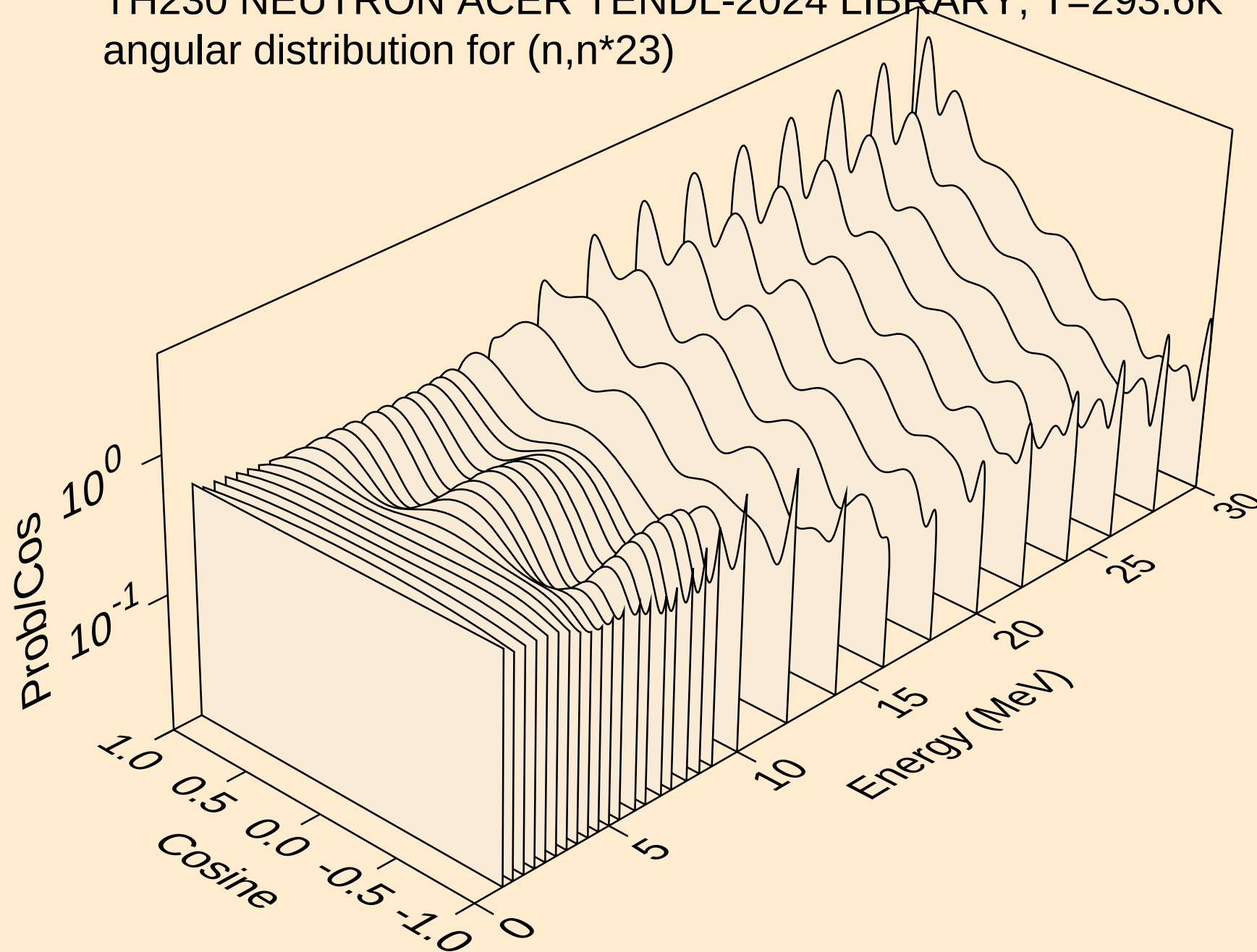
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



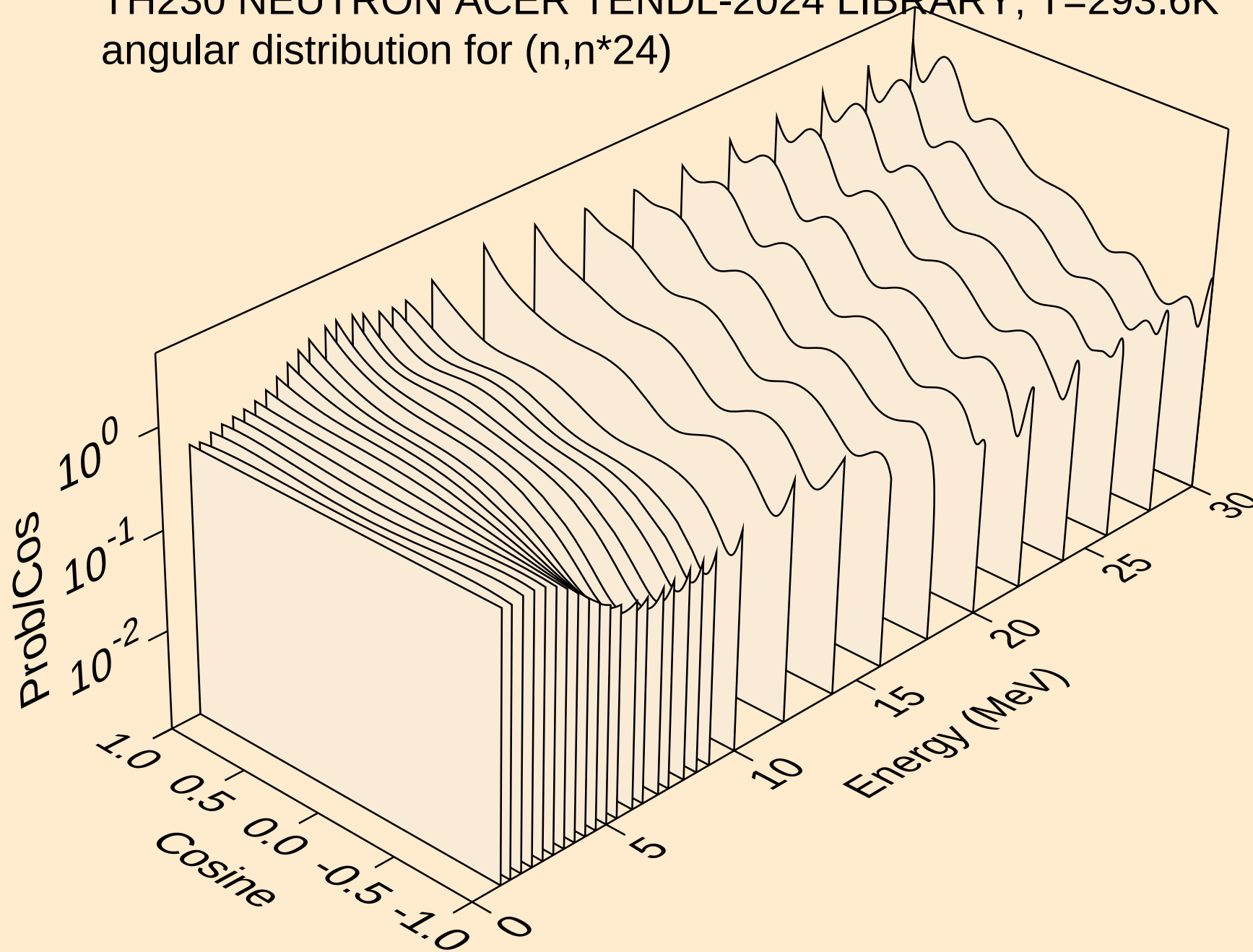
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



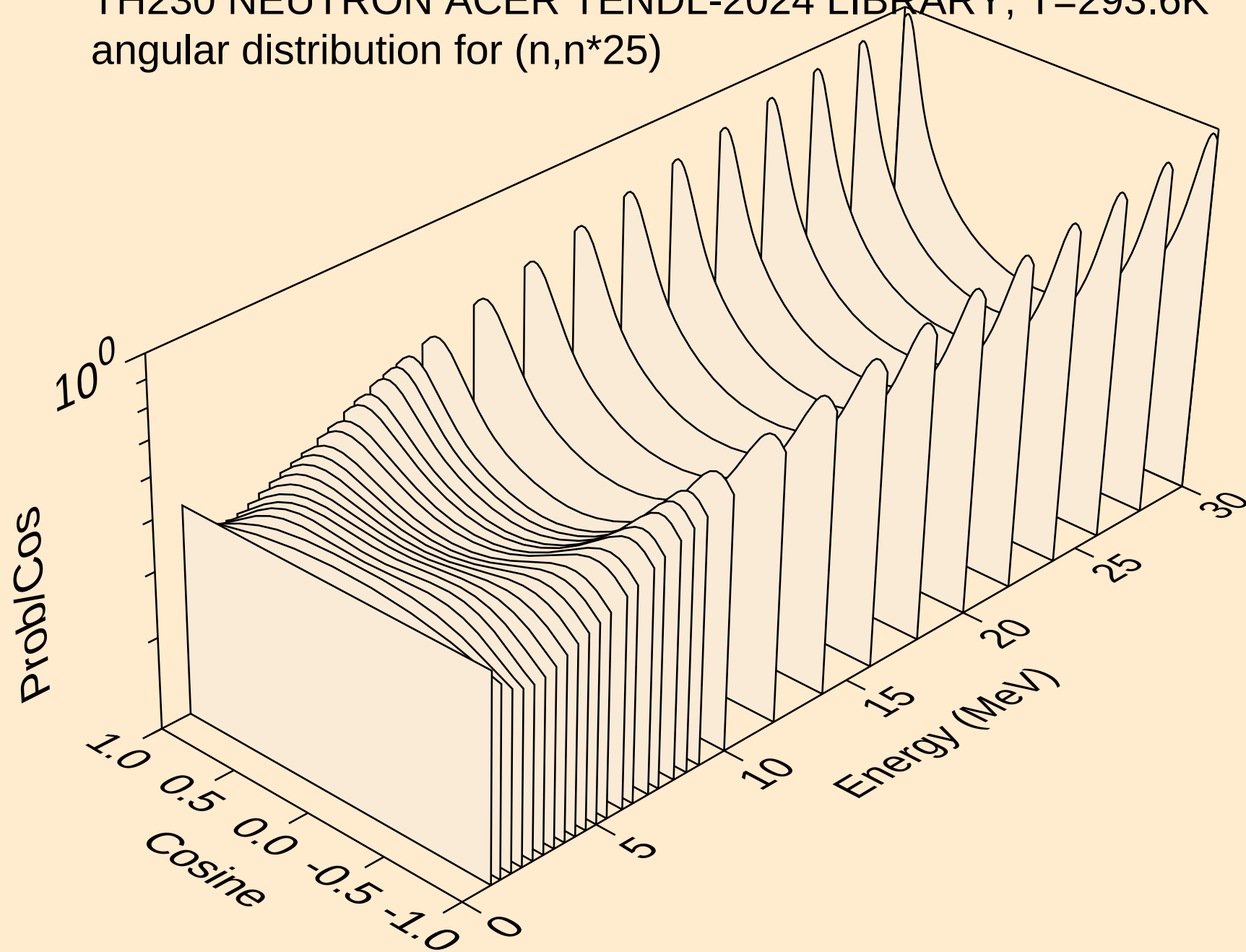
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



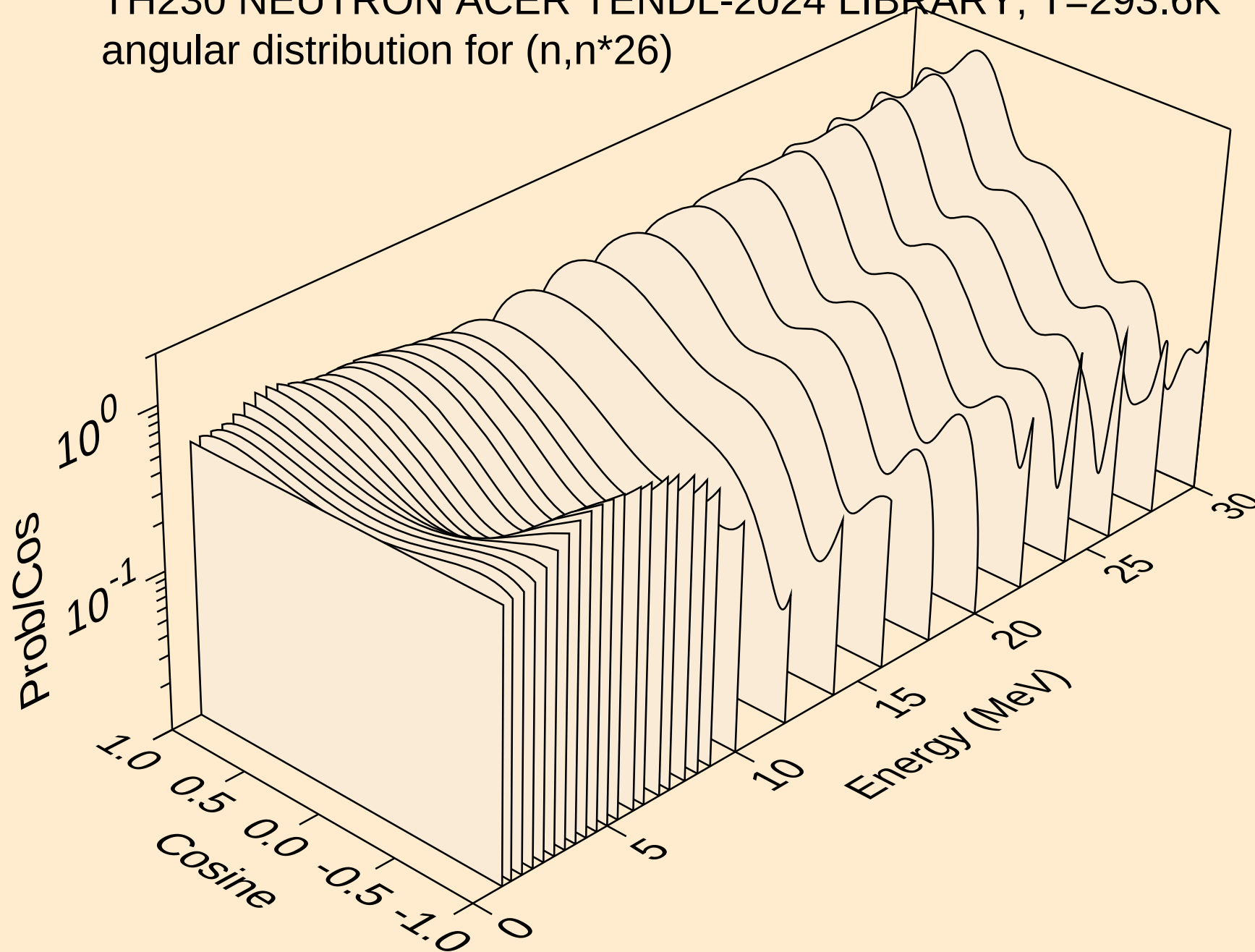
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)



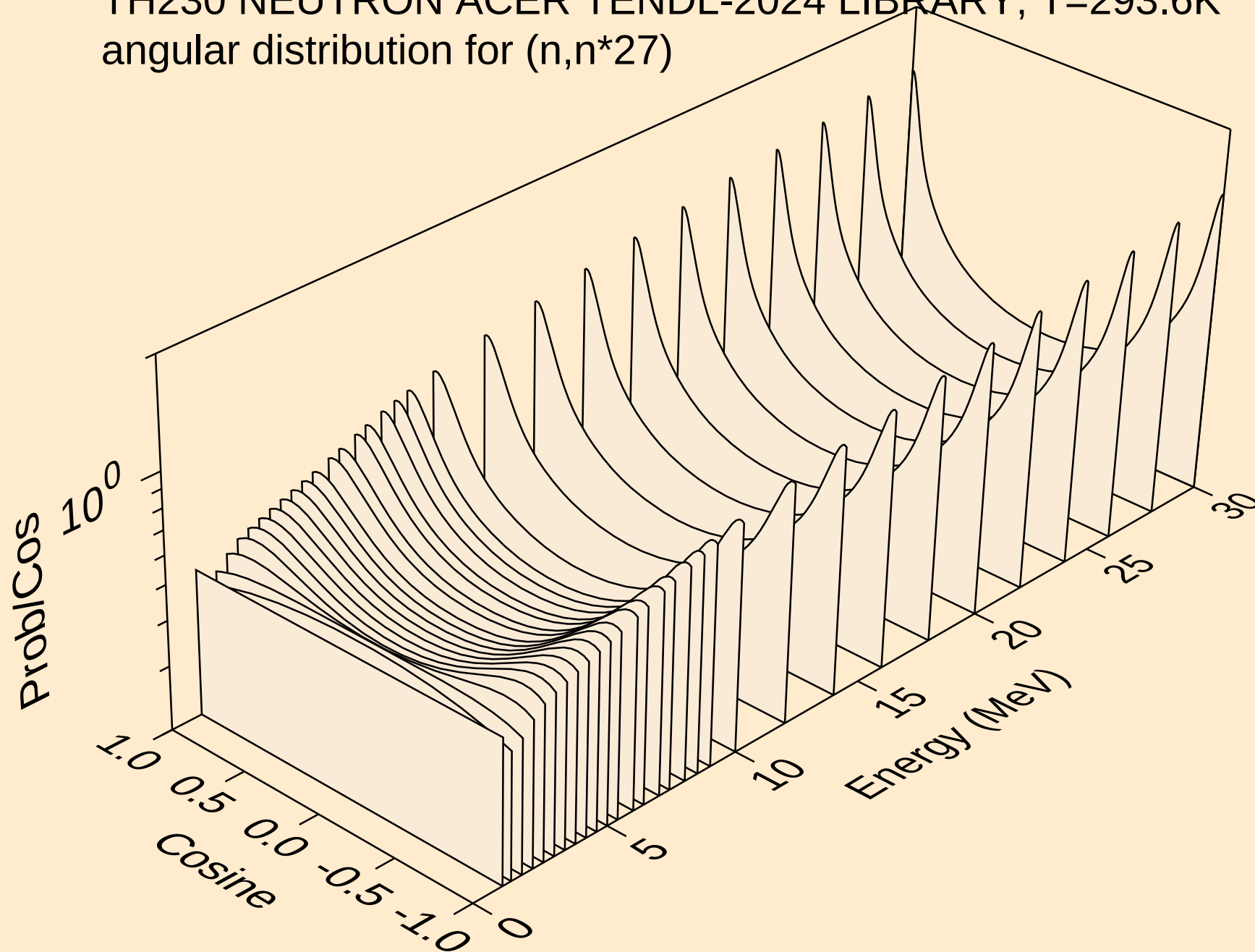
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



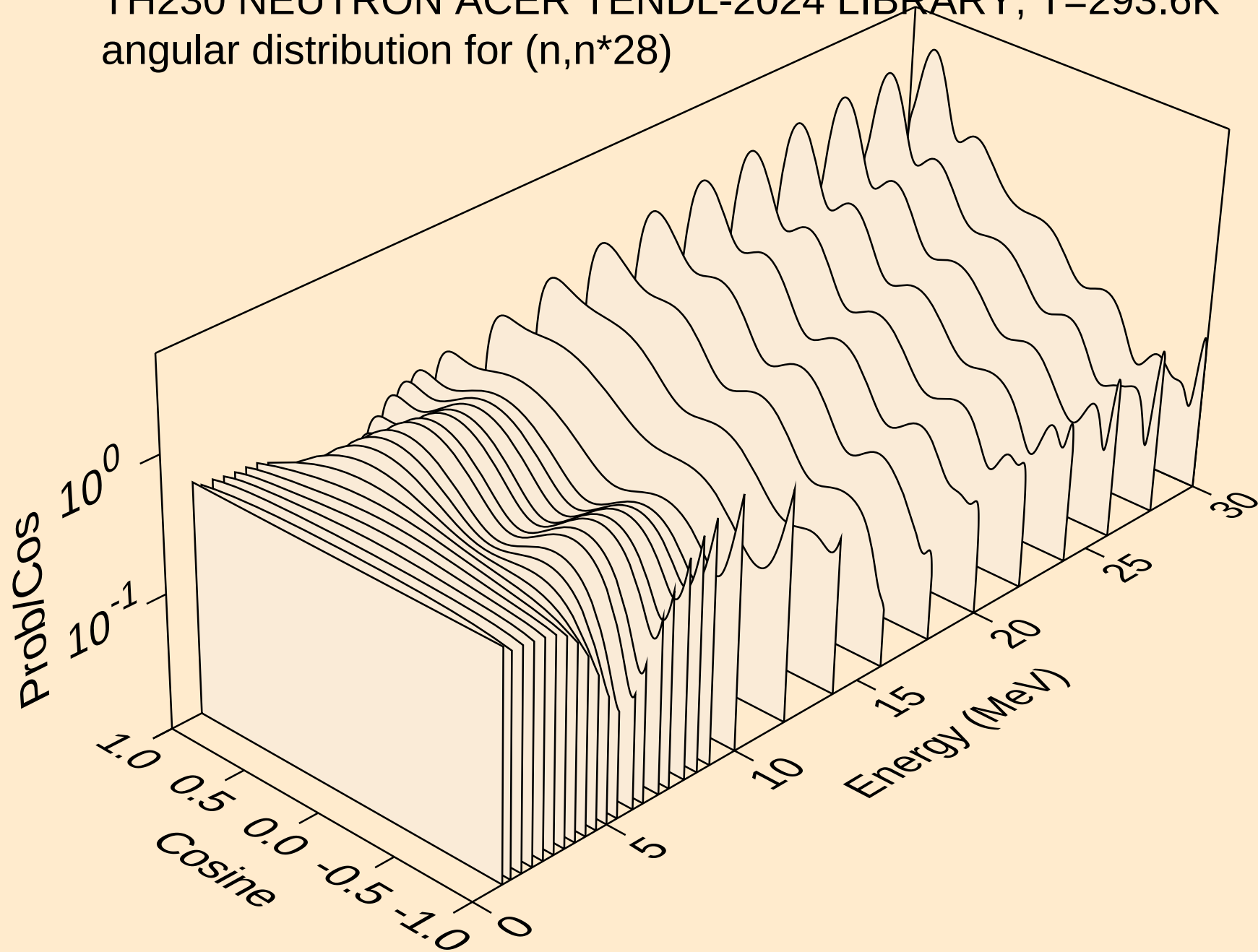
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



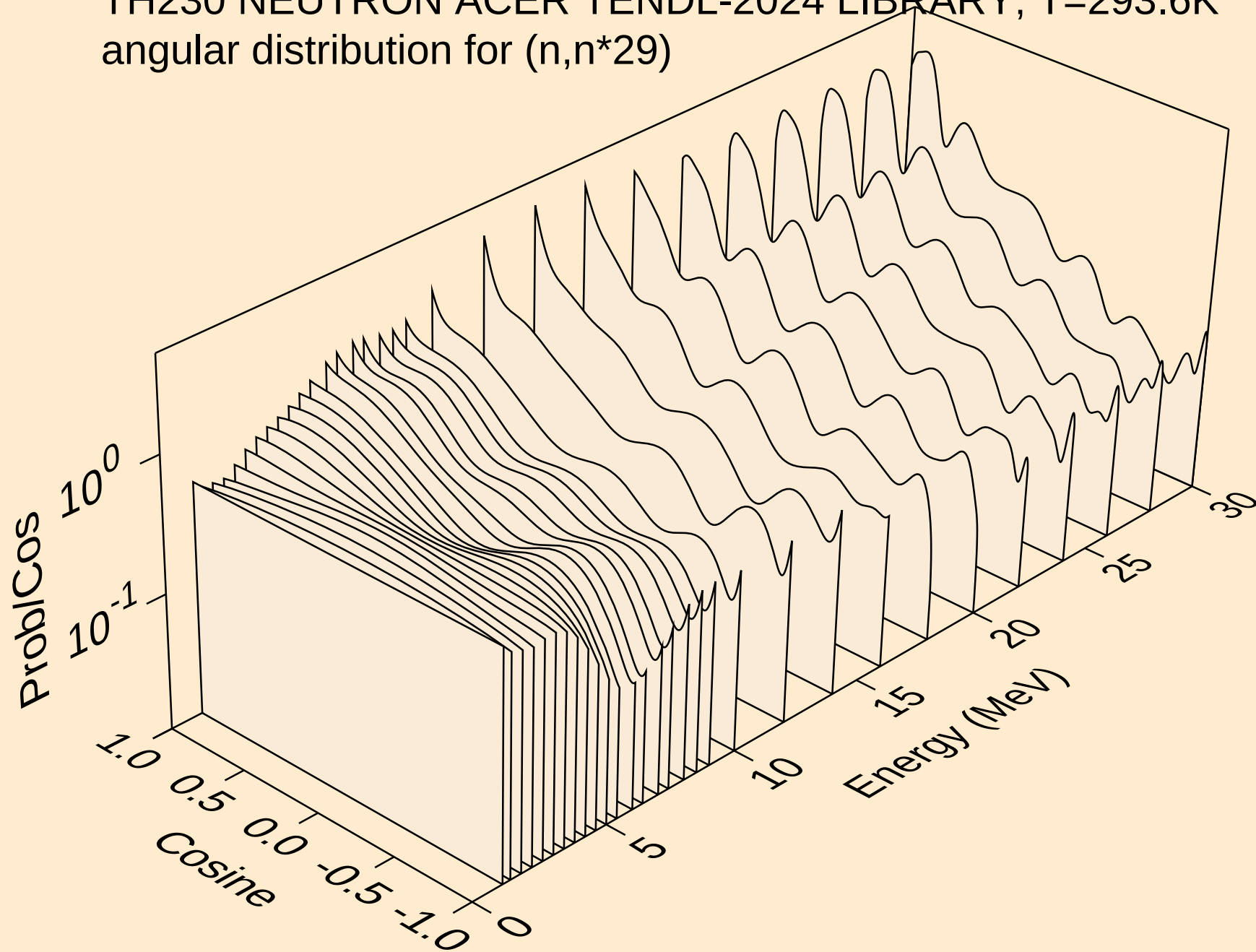
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



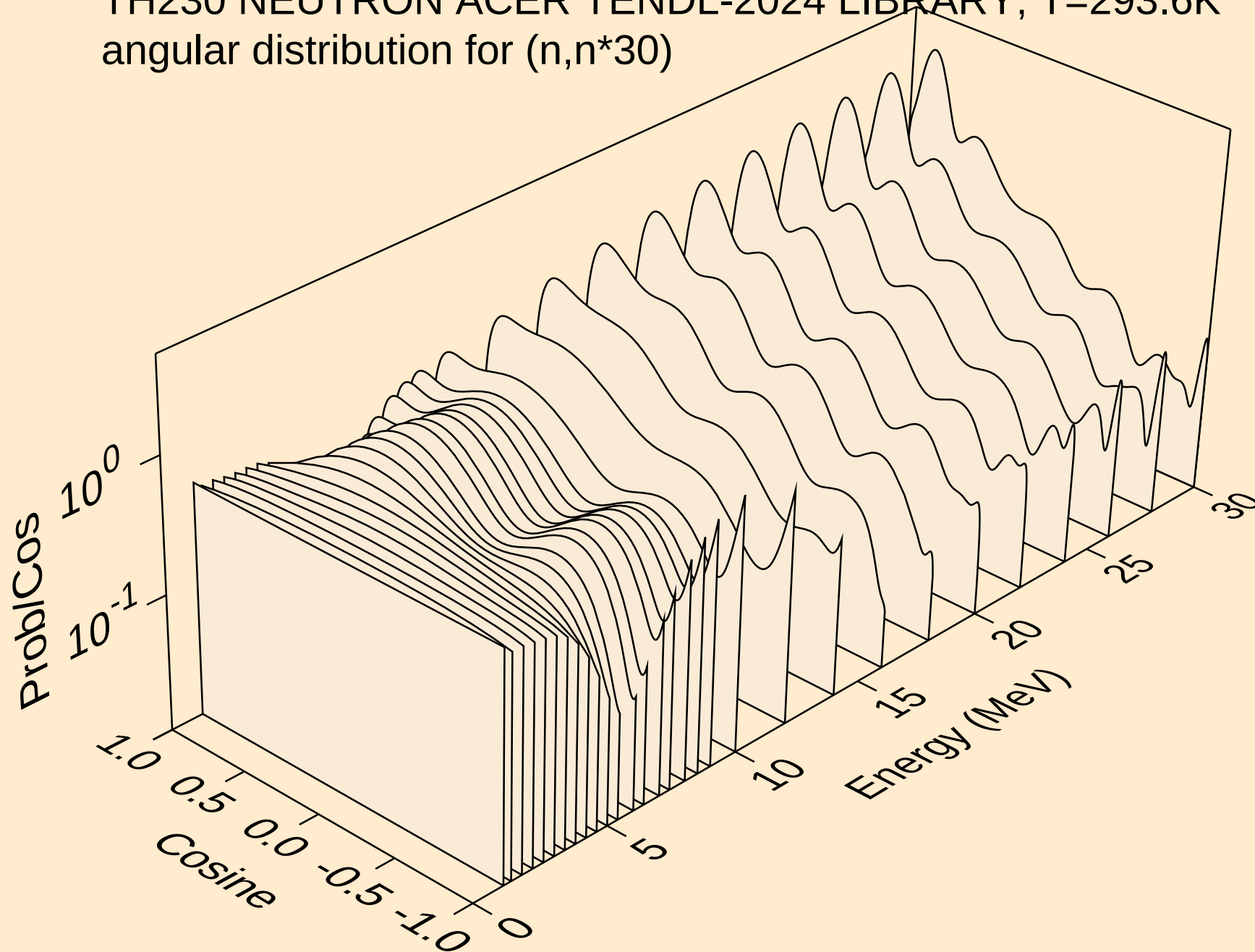
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)

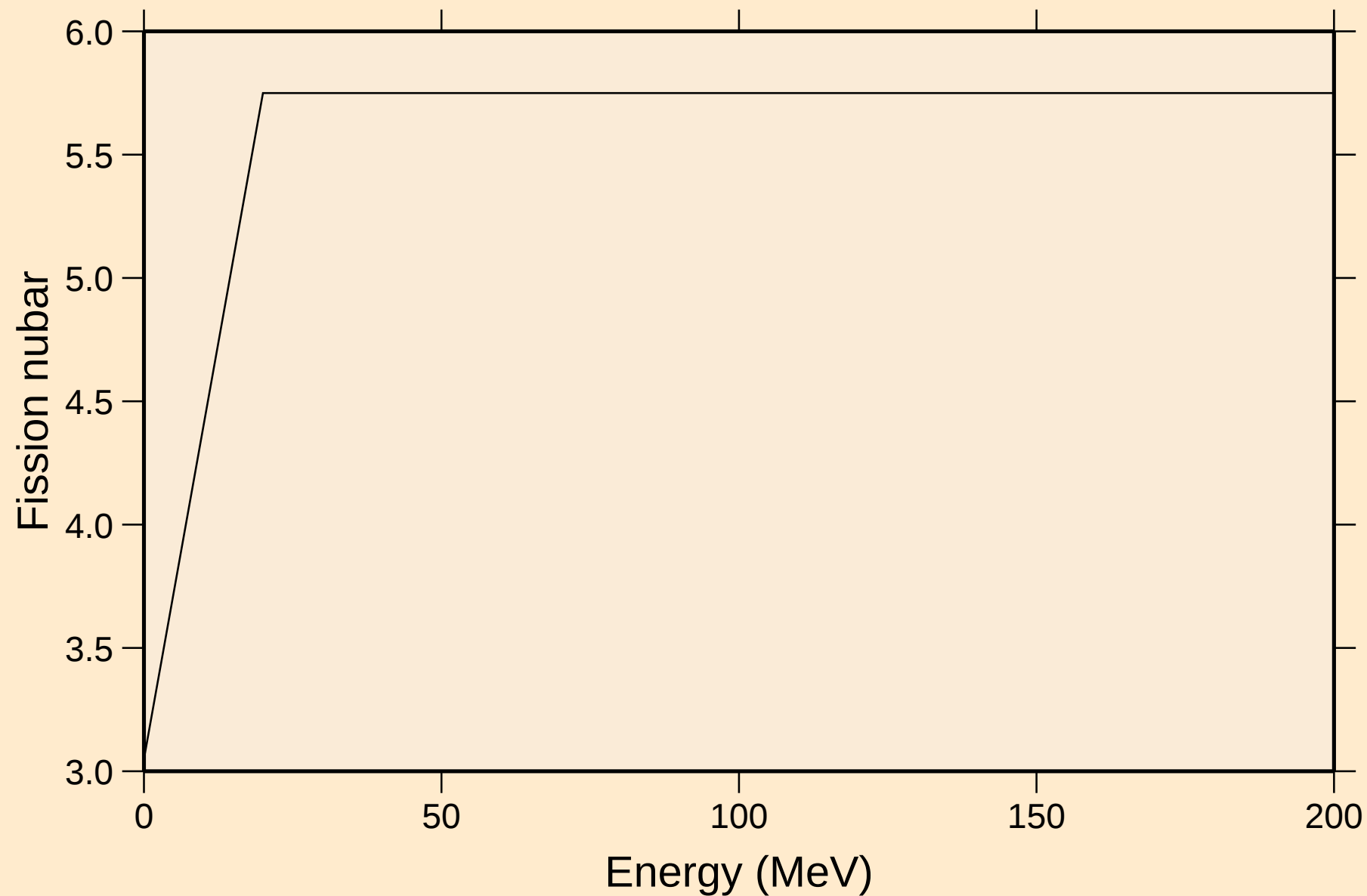


TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)

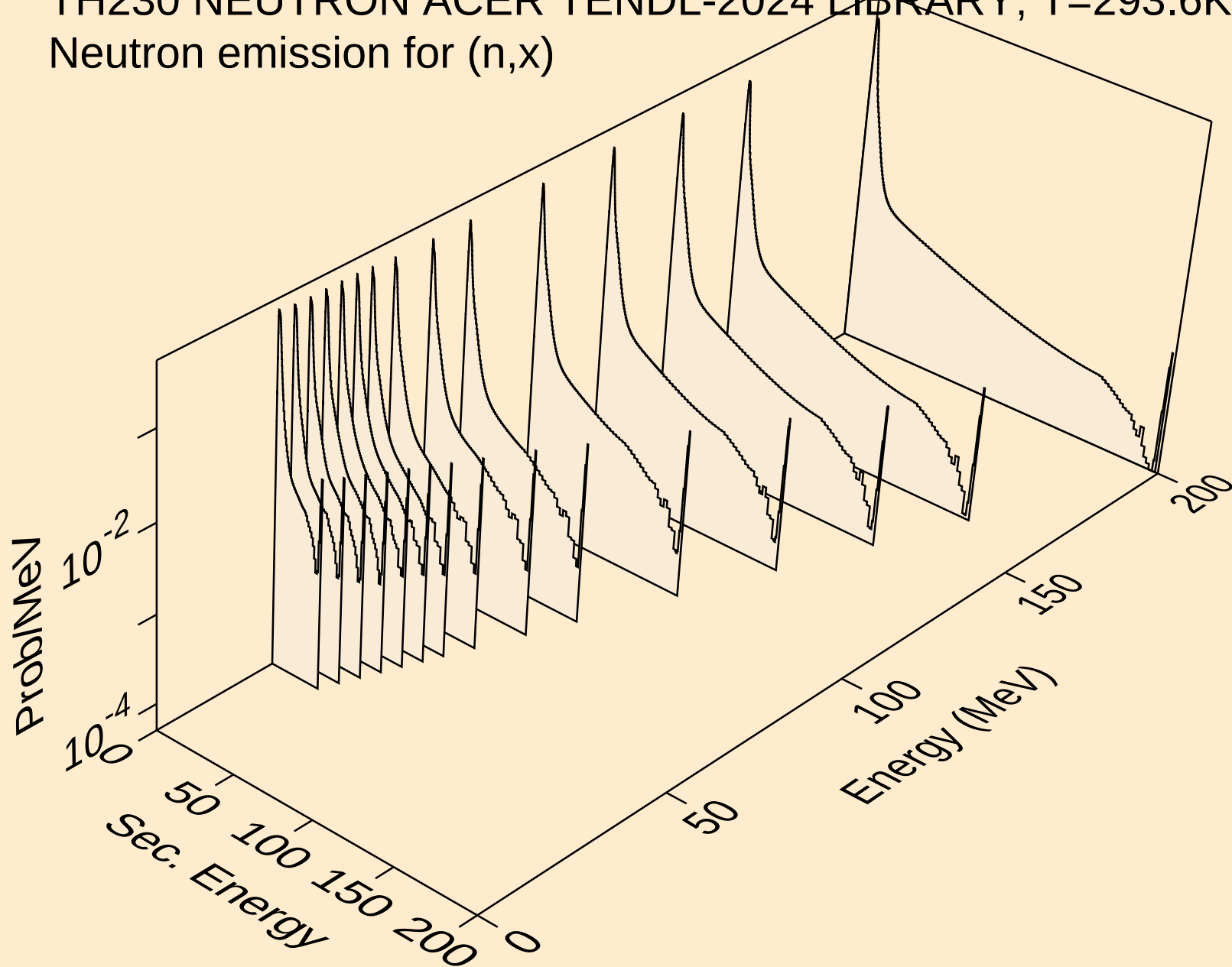


TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

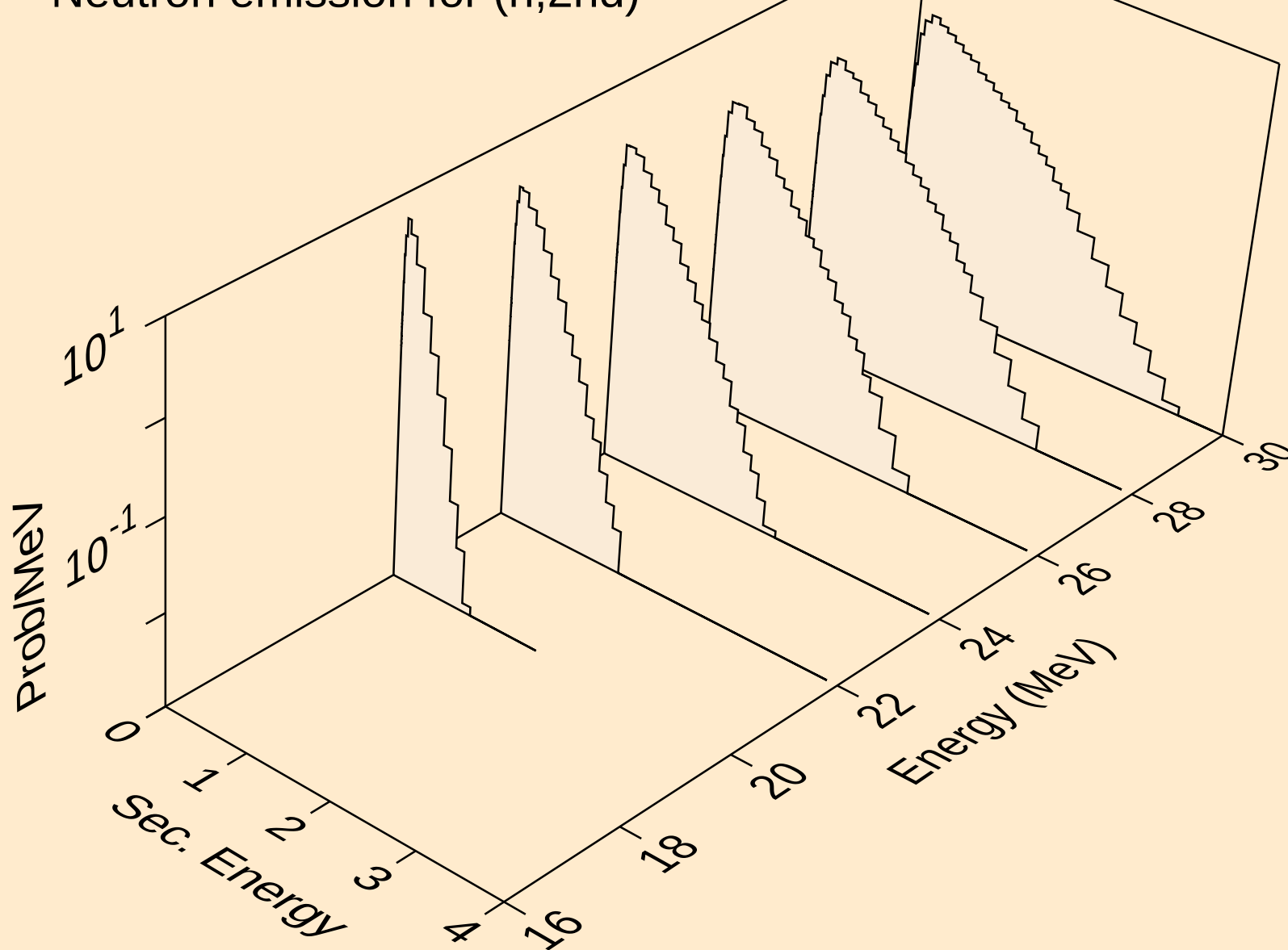
Total fission nubar



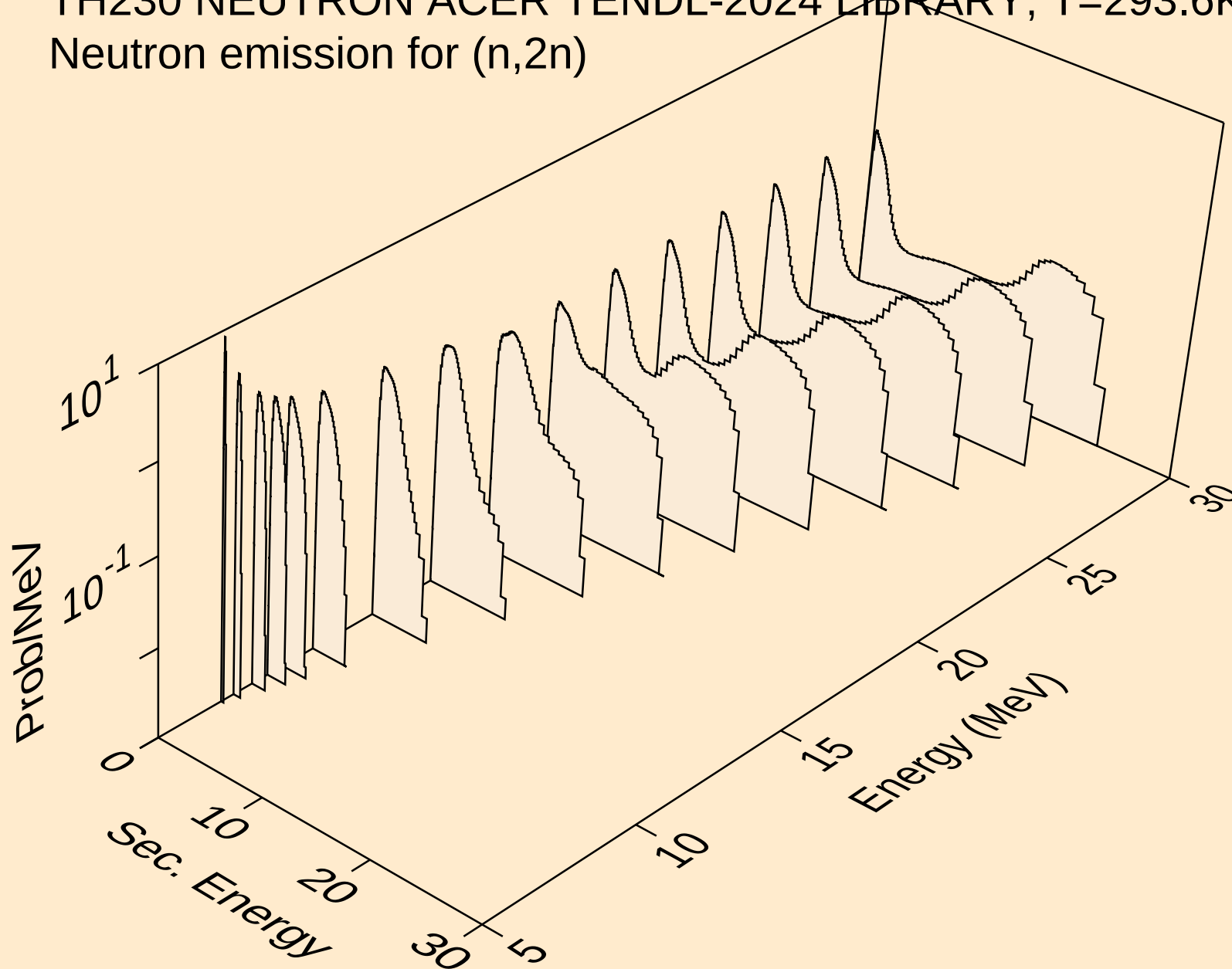
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



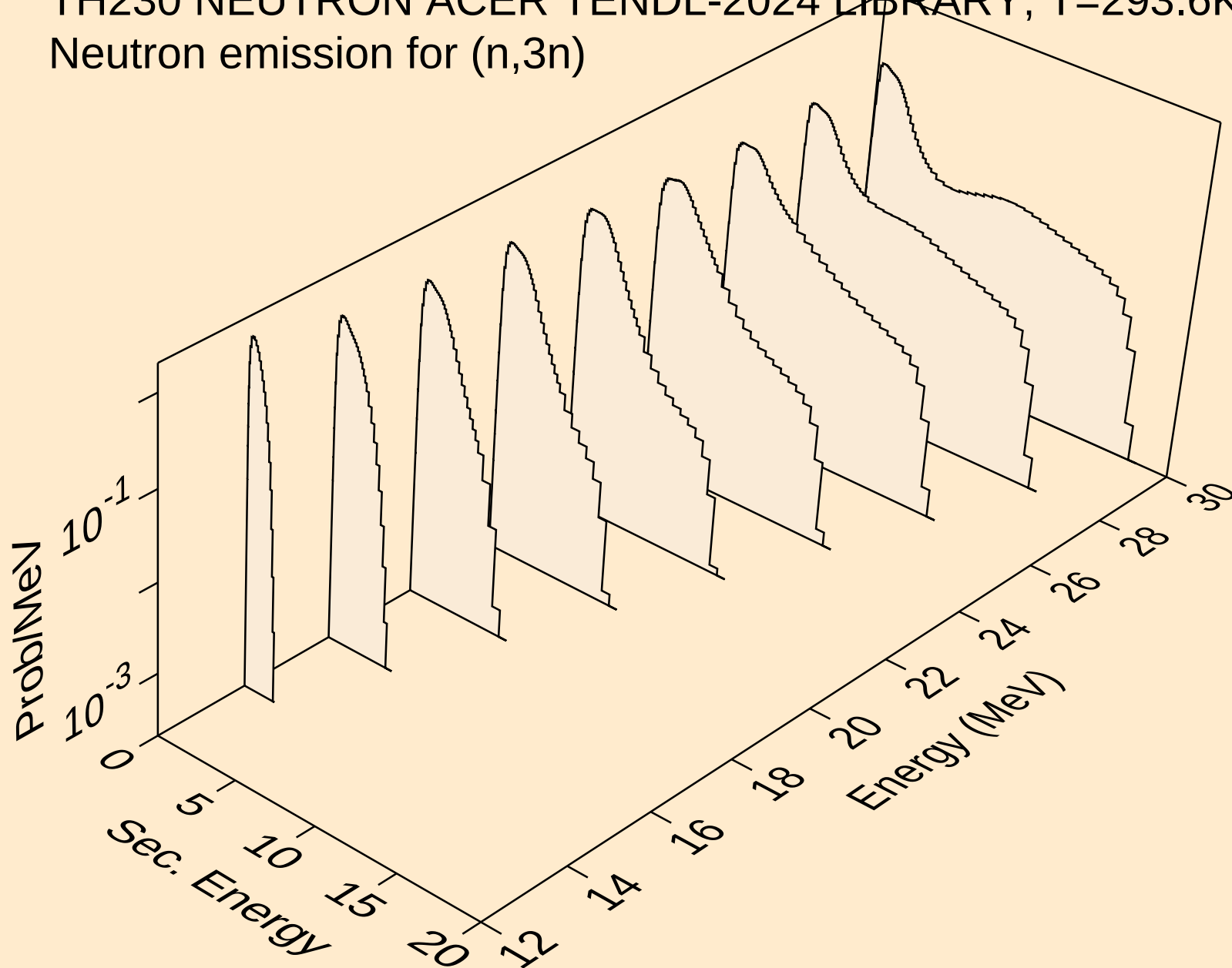
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



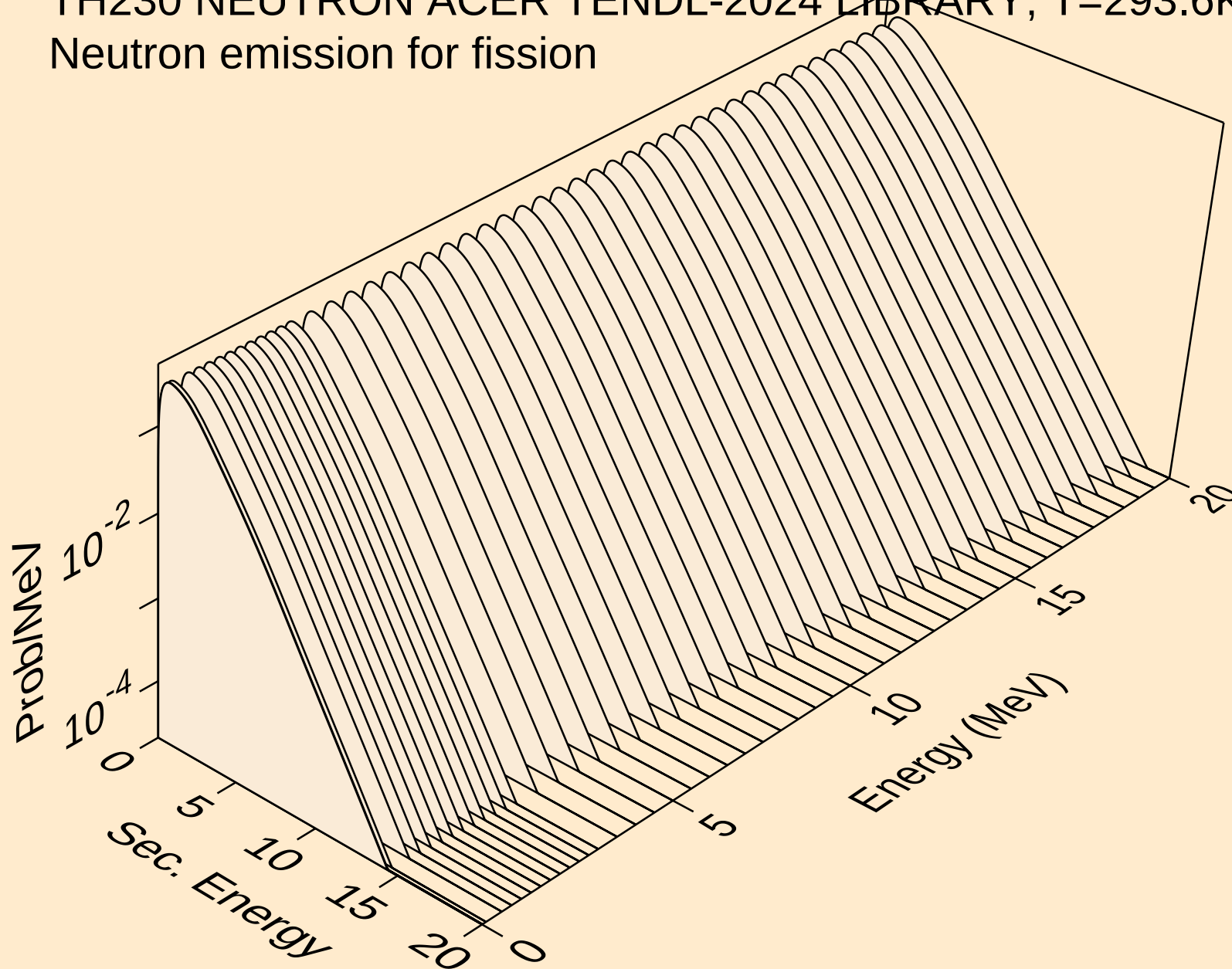
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



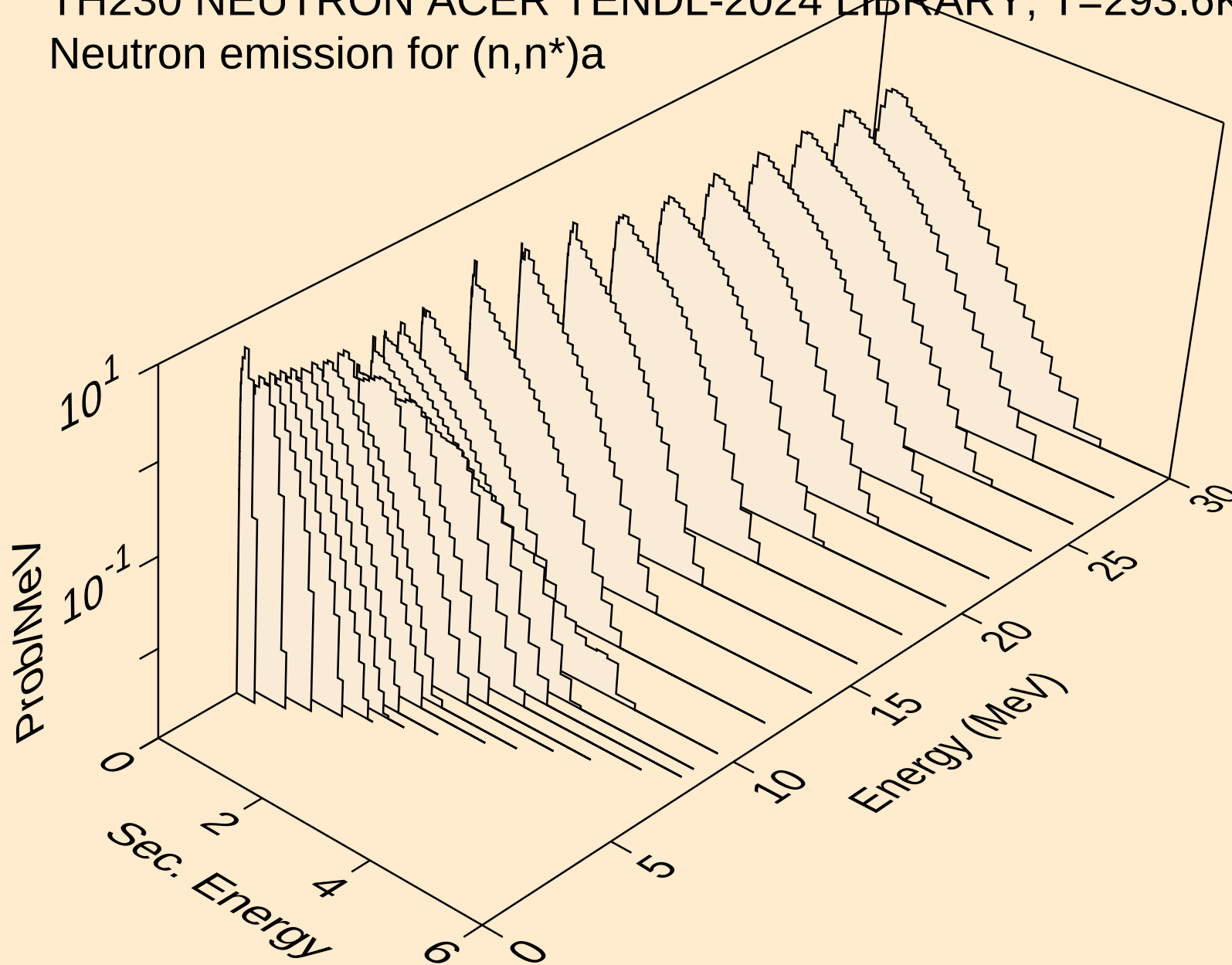
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



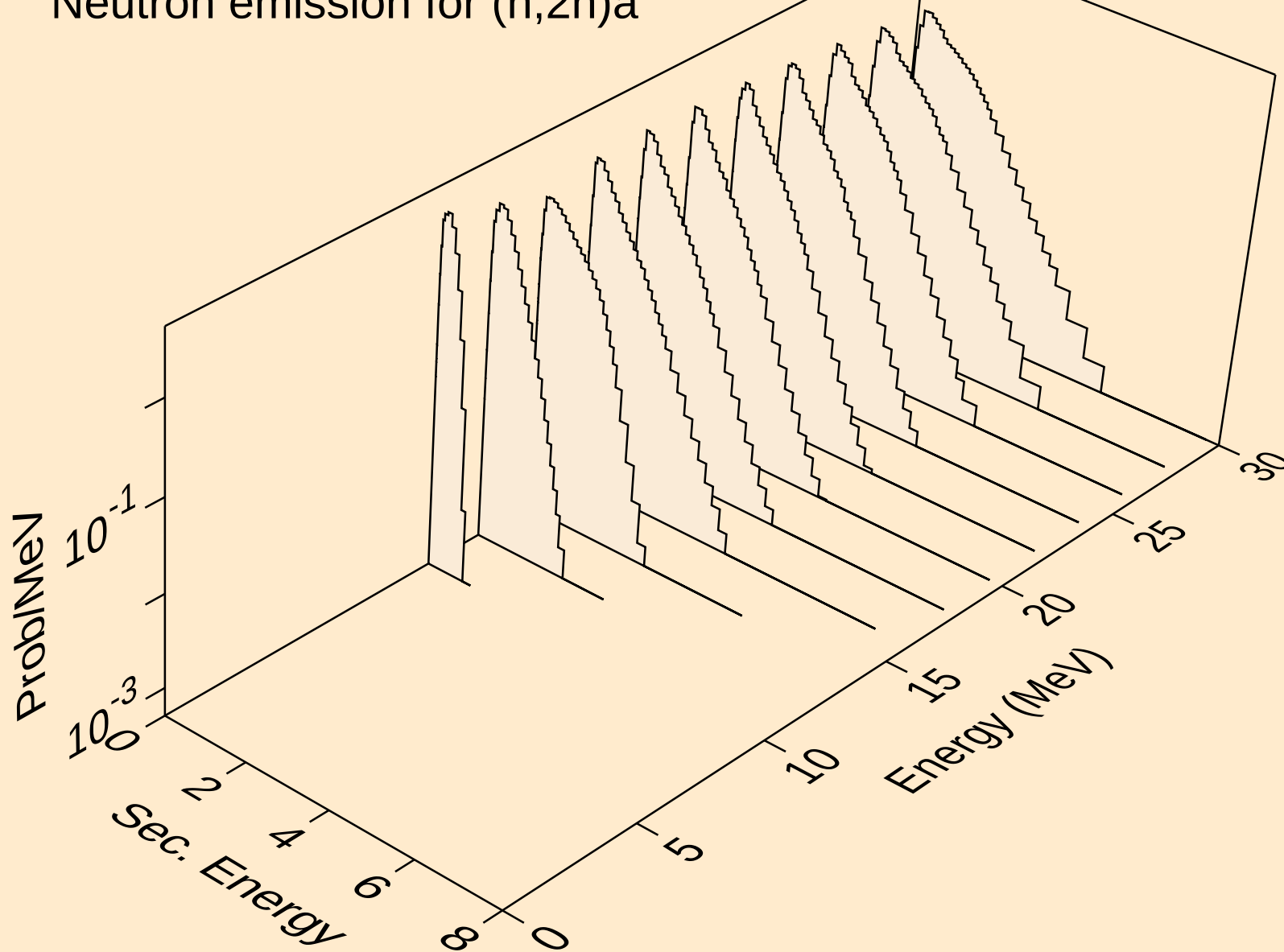
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for fission



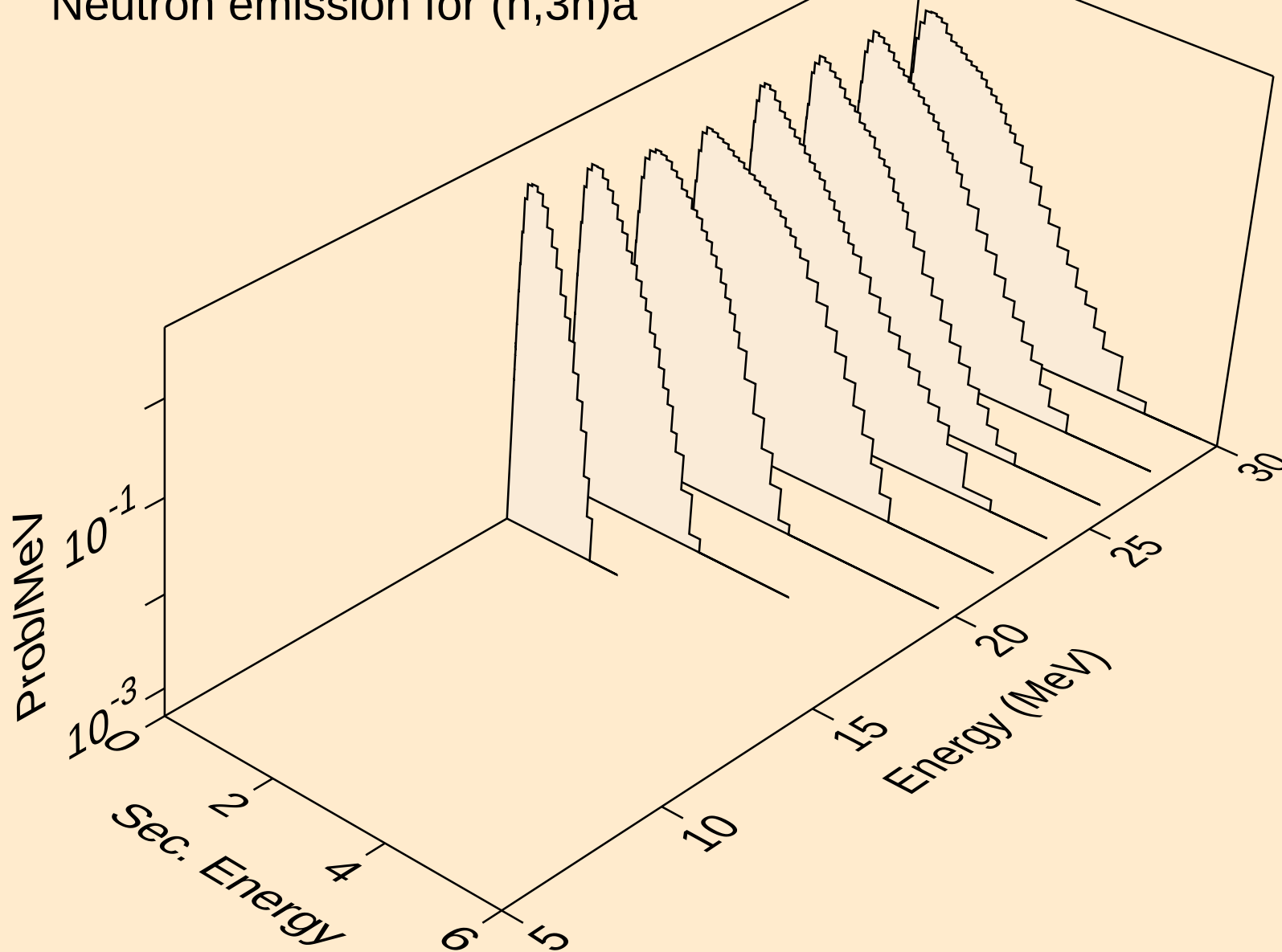
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



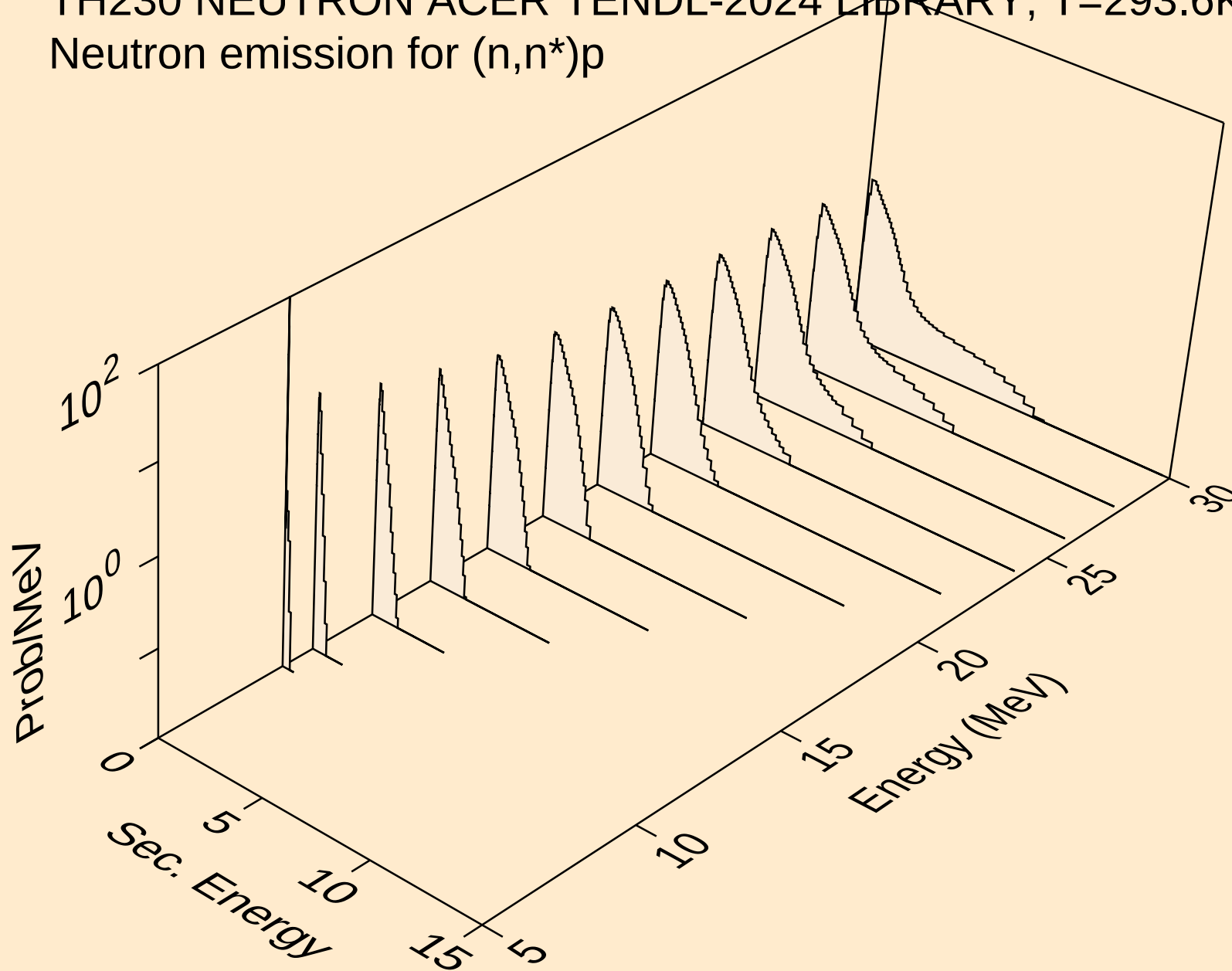
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



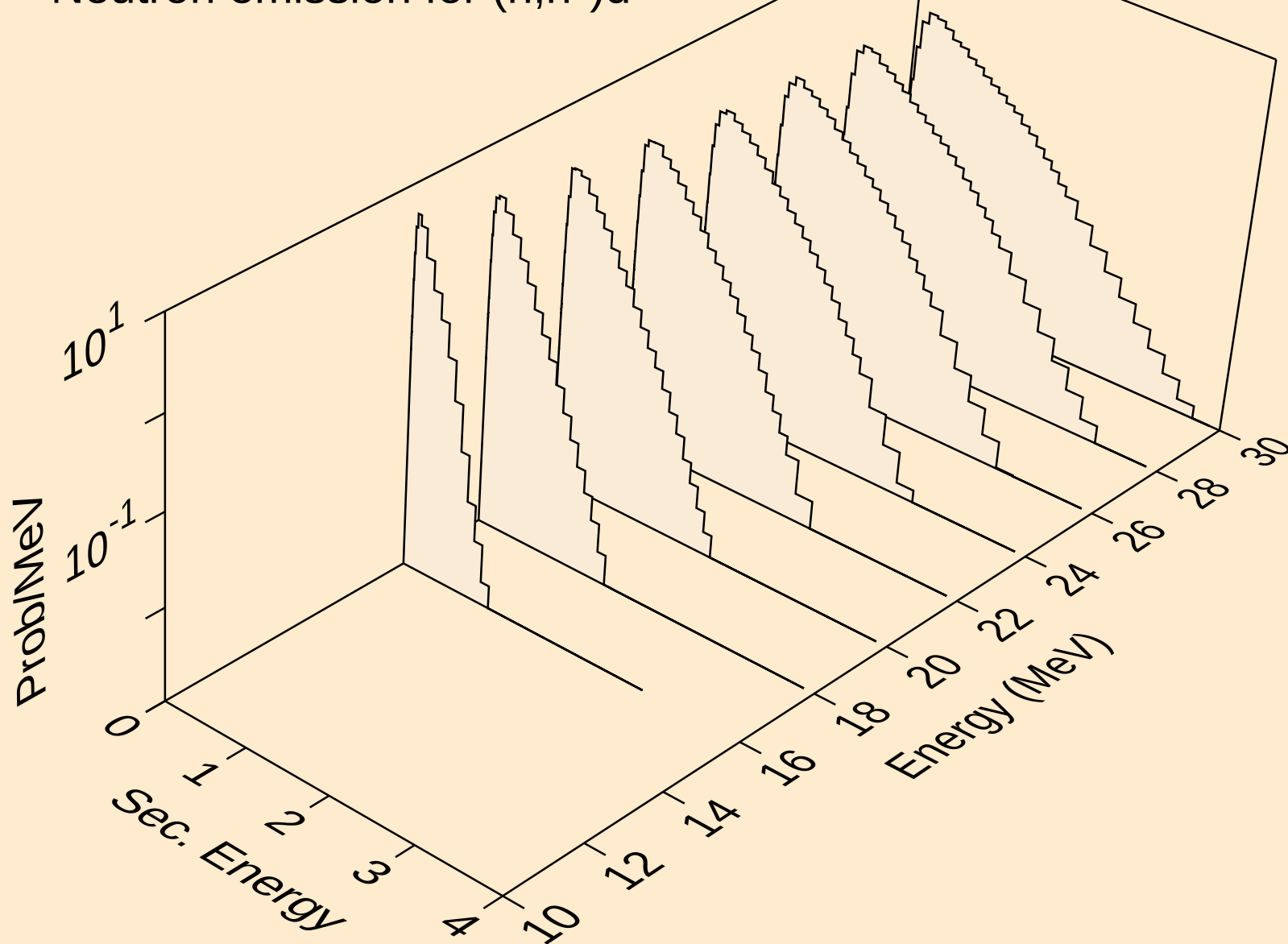
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n) $\alpha$



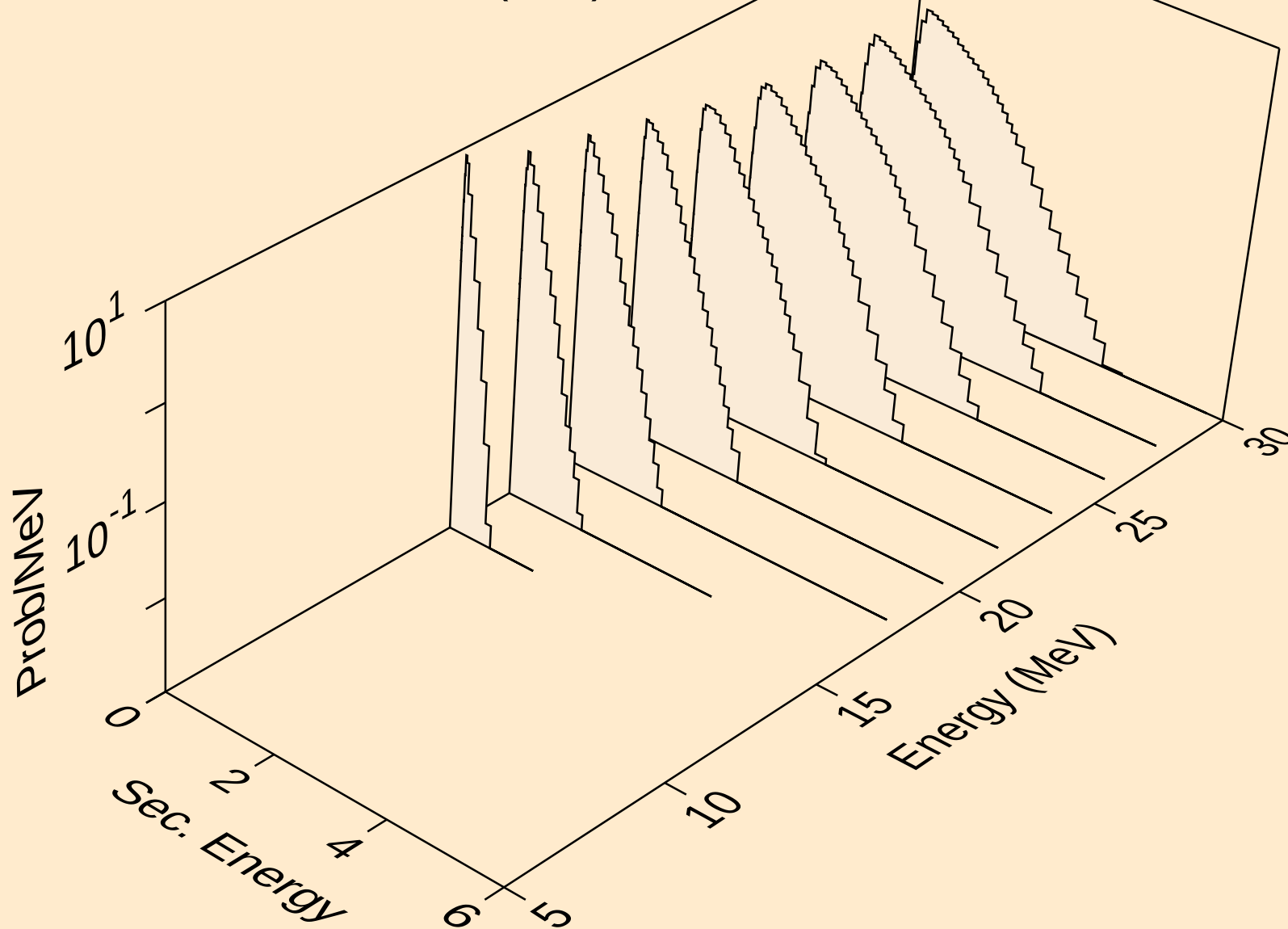
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



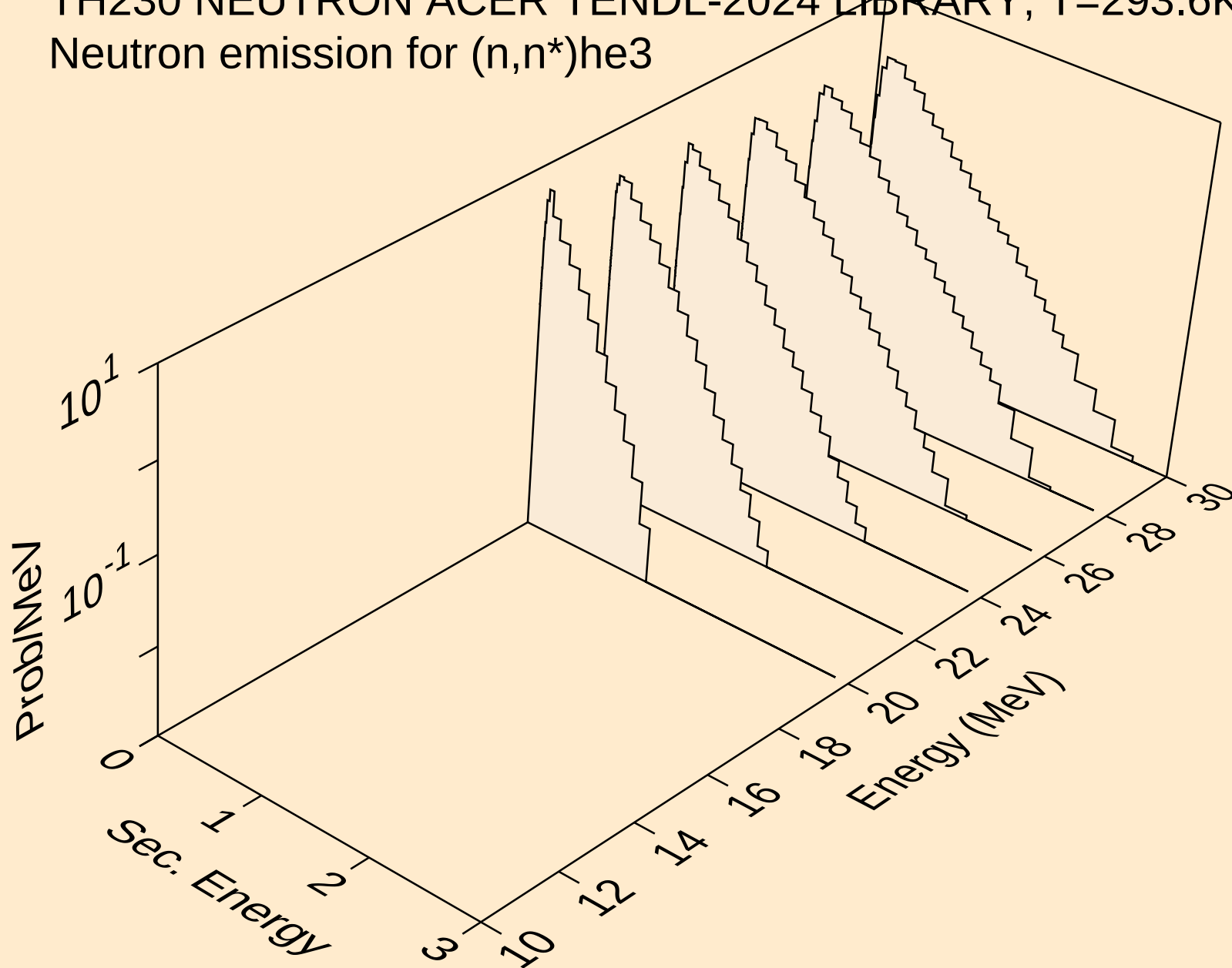
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



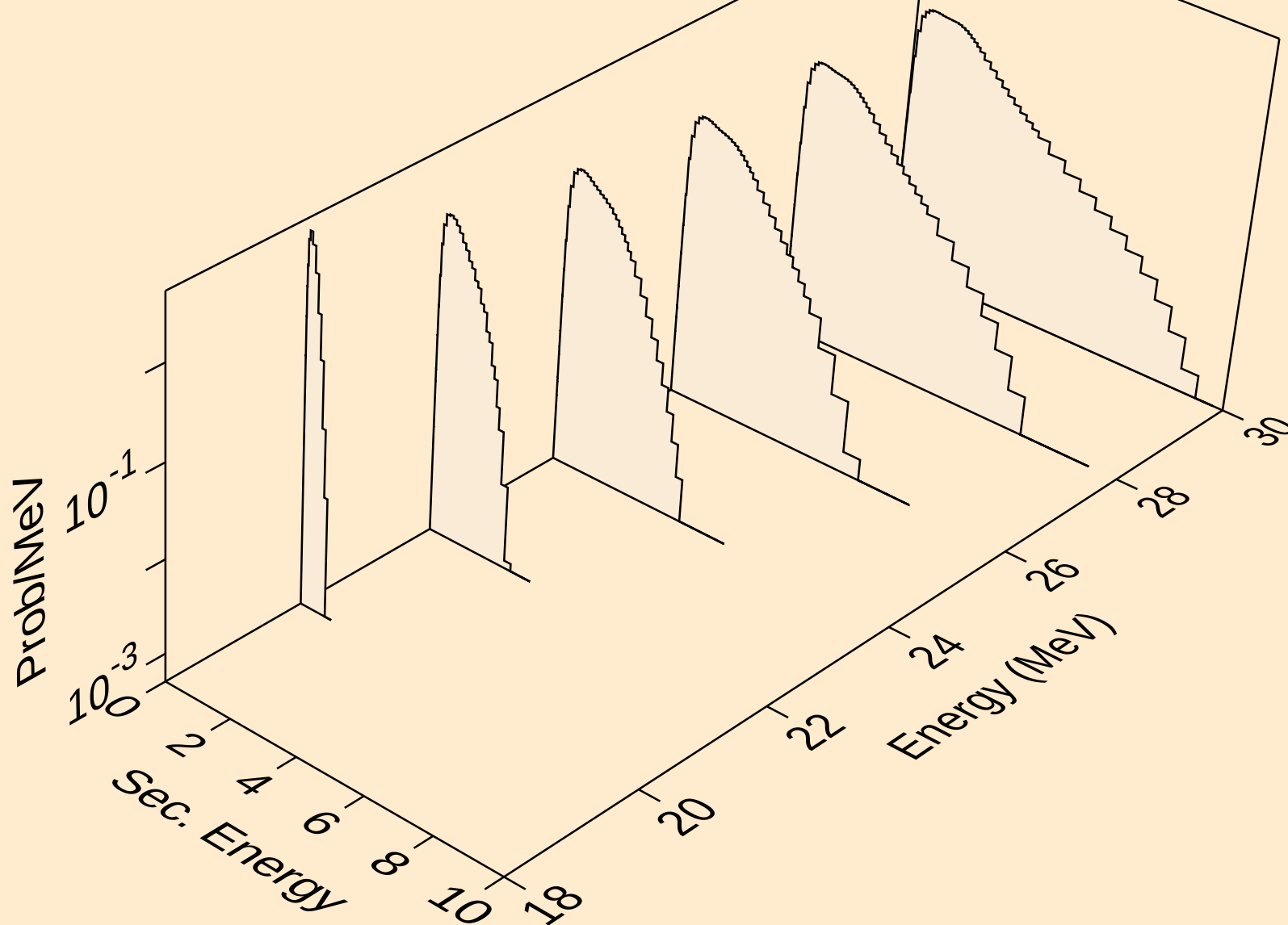
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



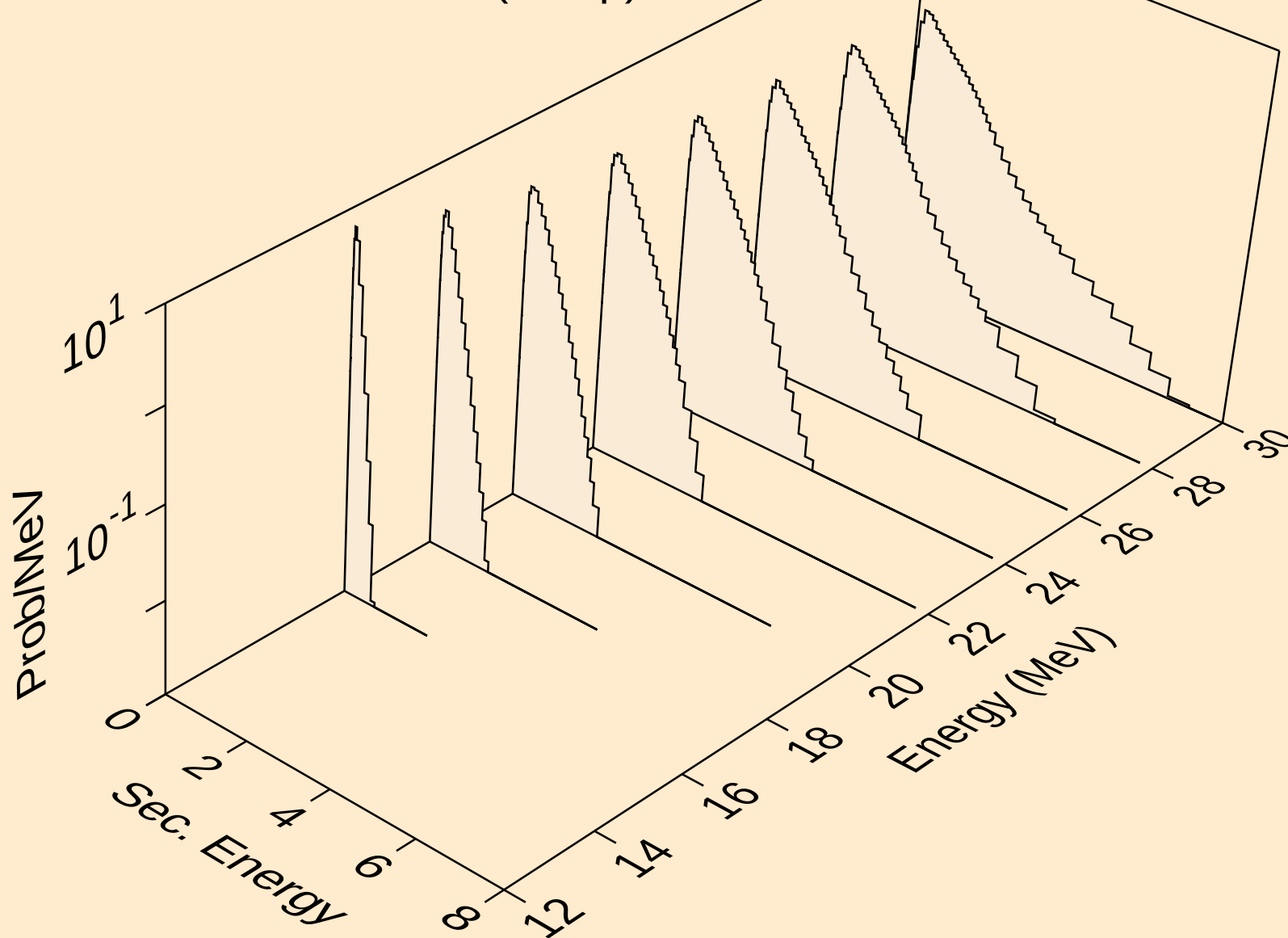
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



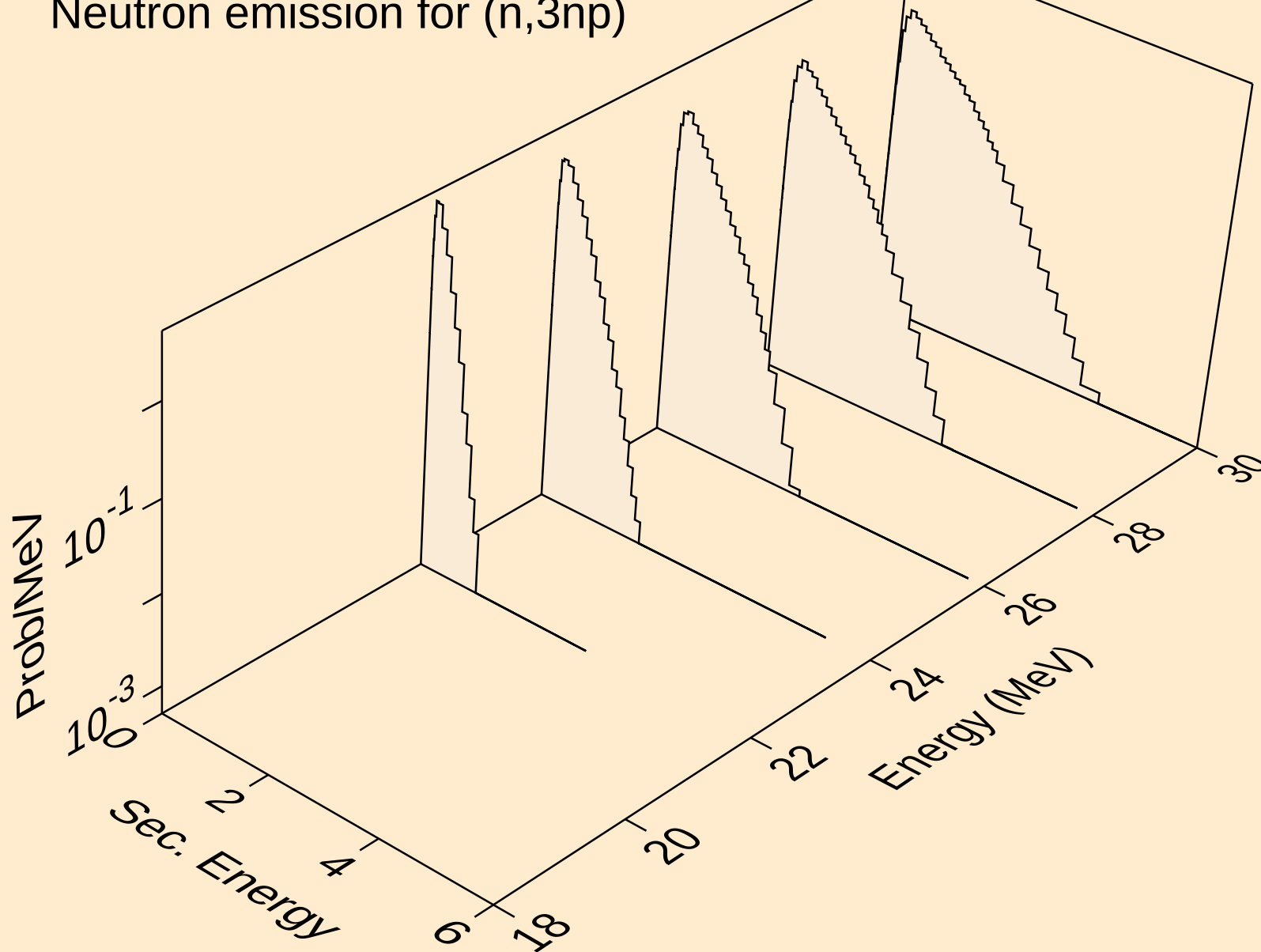
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



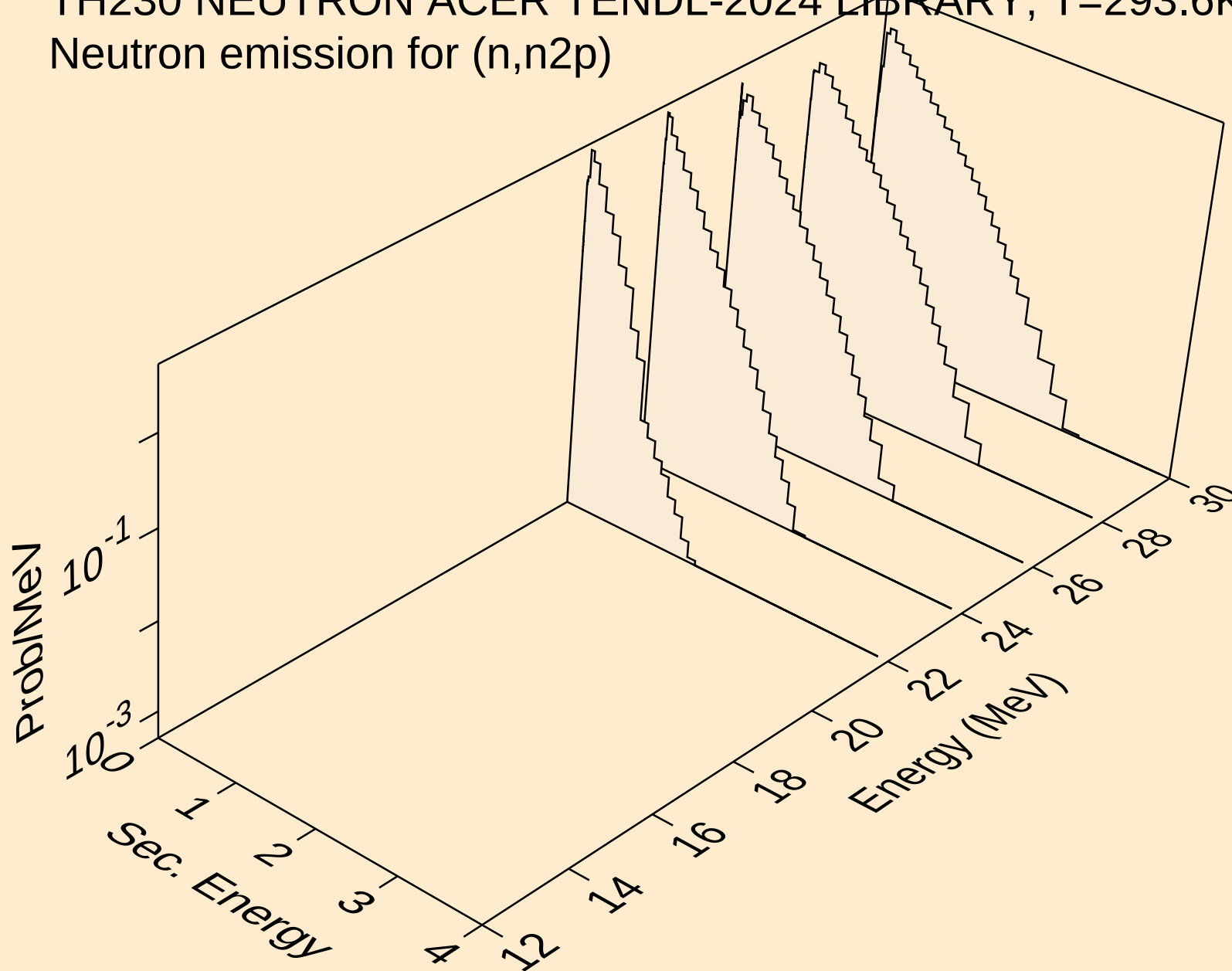
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



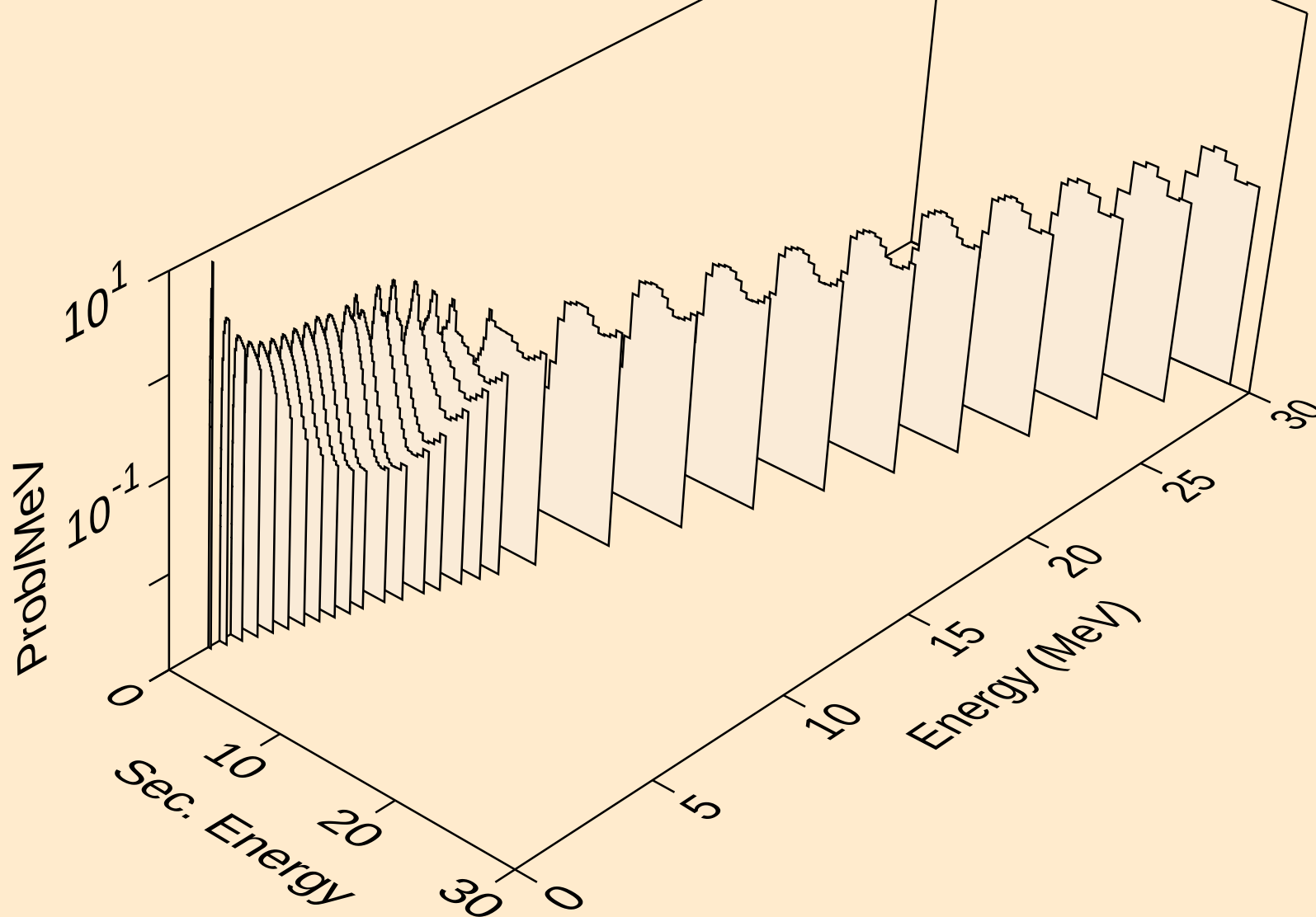
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n2p)

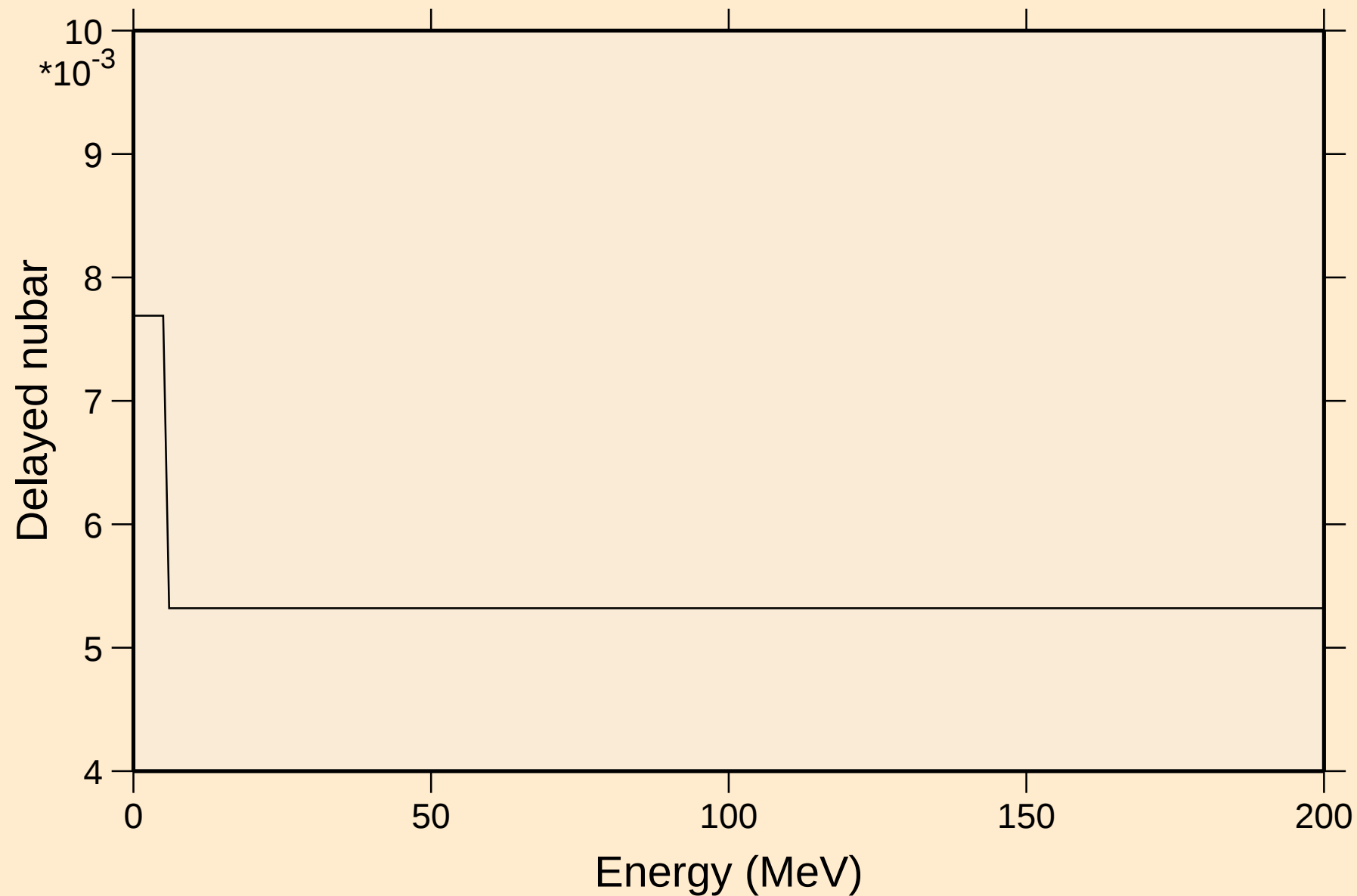


TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



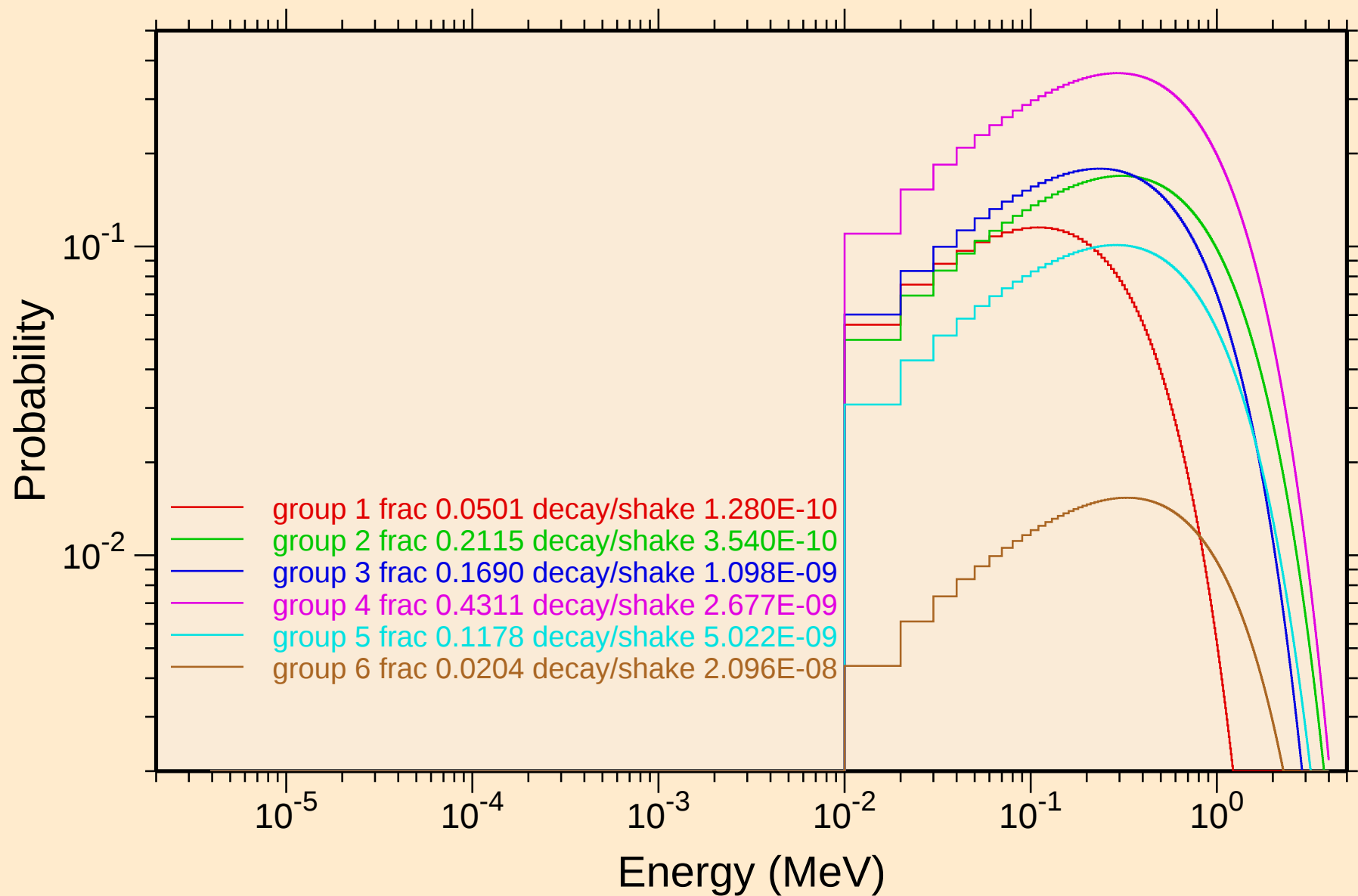
# TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Delayed nubar

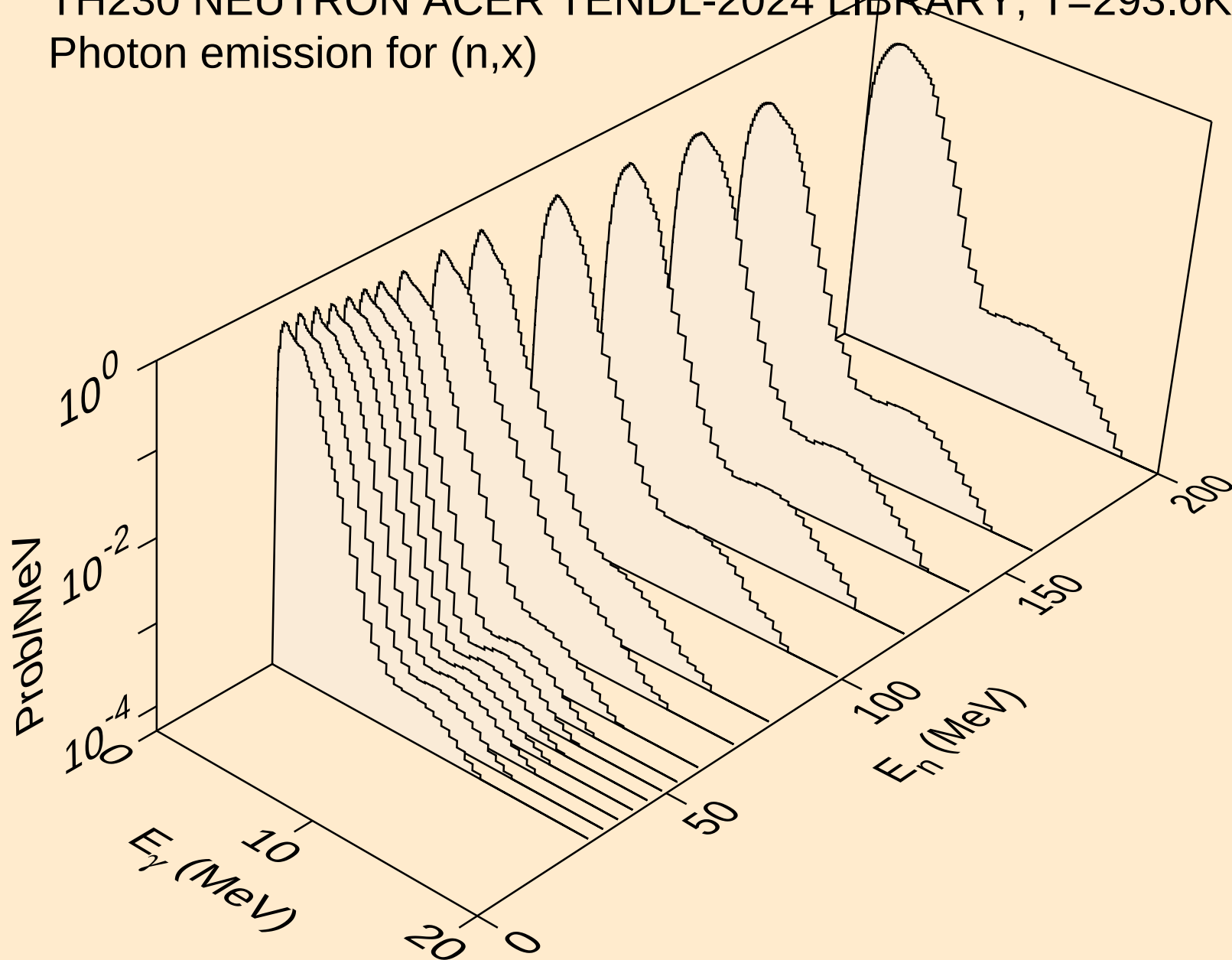


# TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

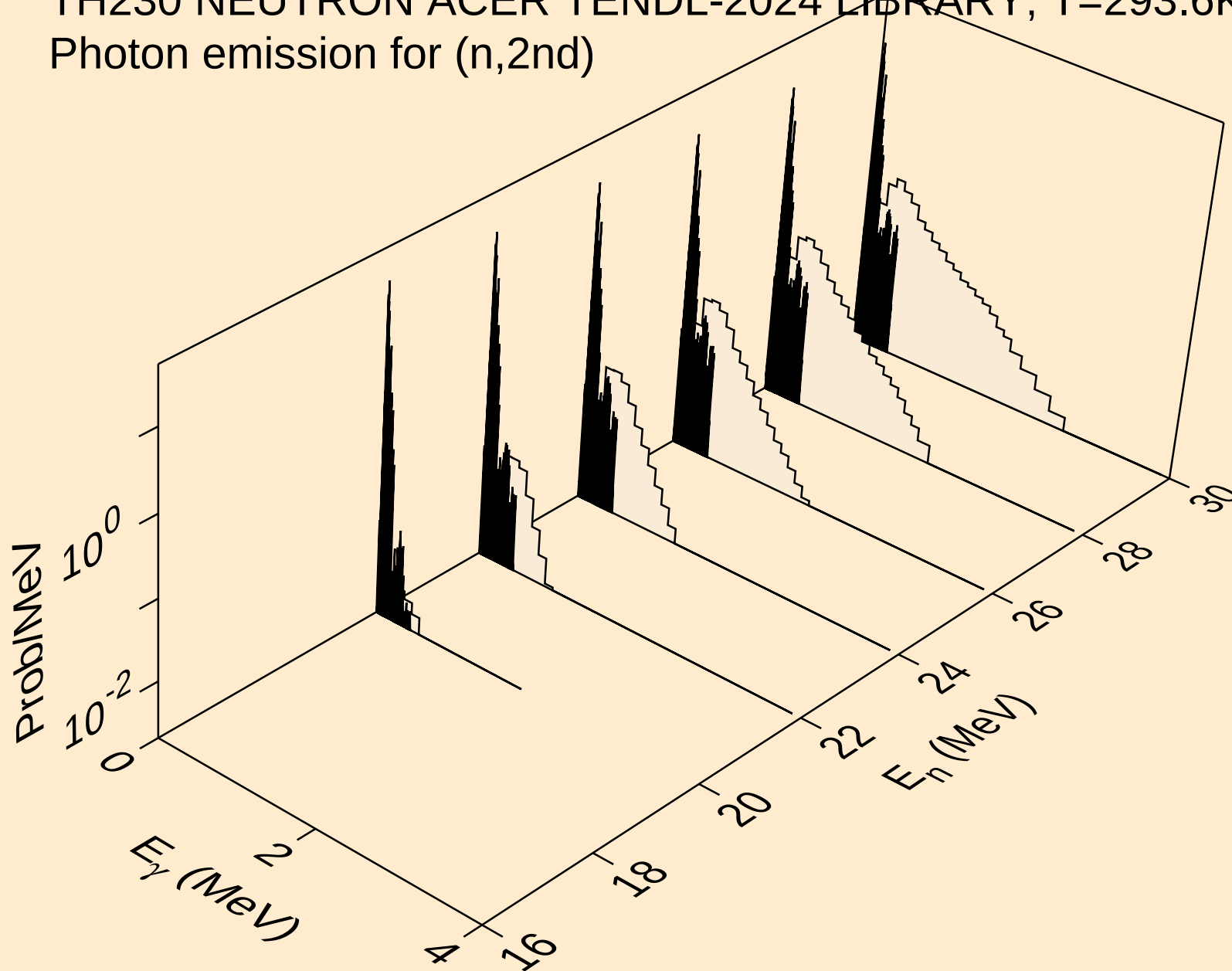
## Delayed neutron spectra



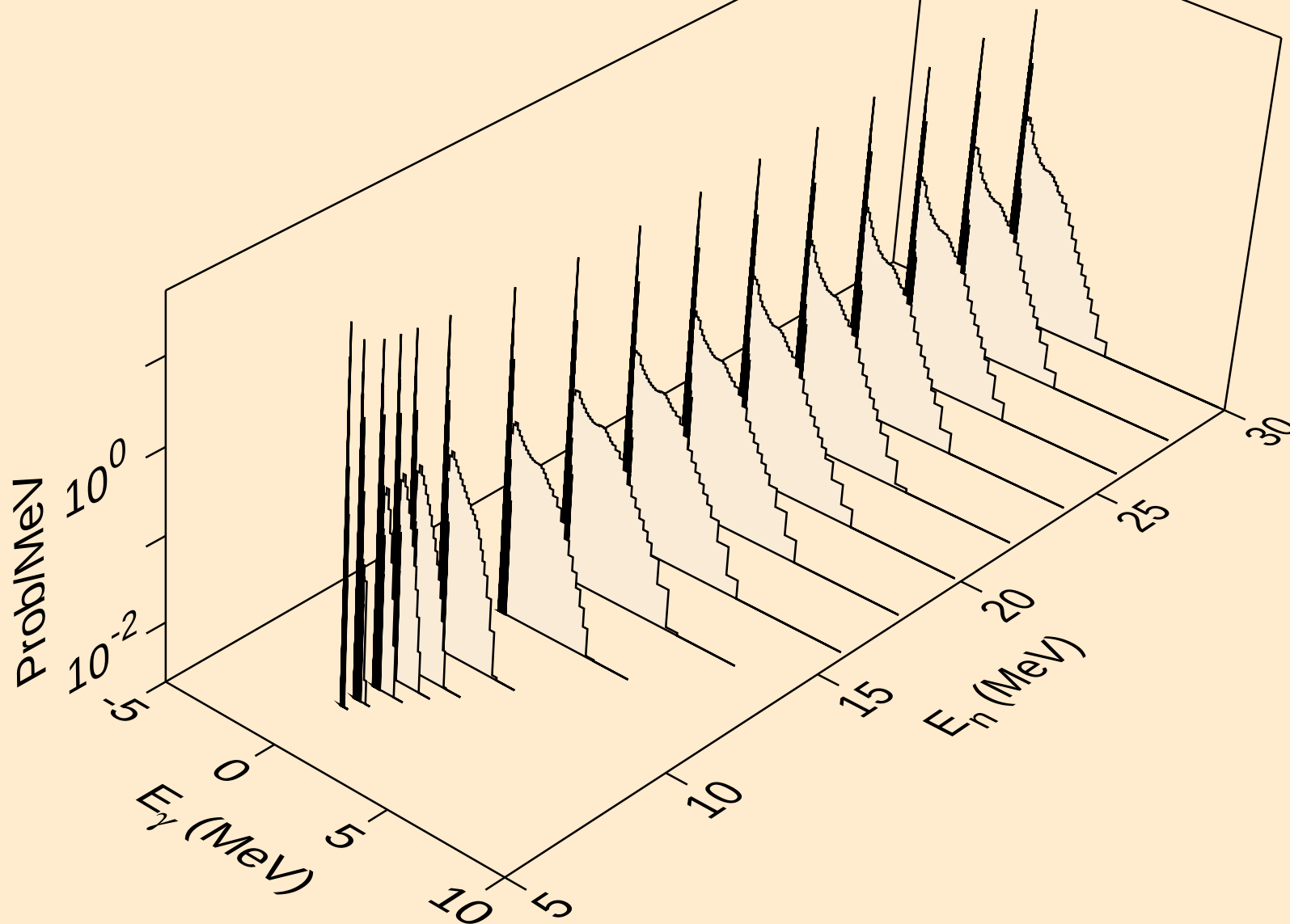
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



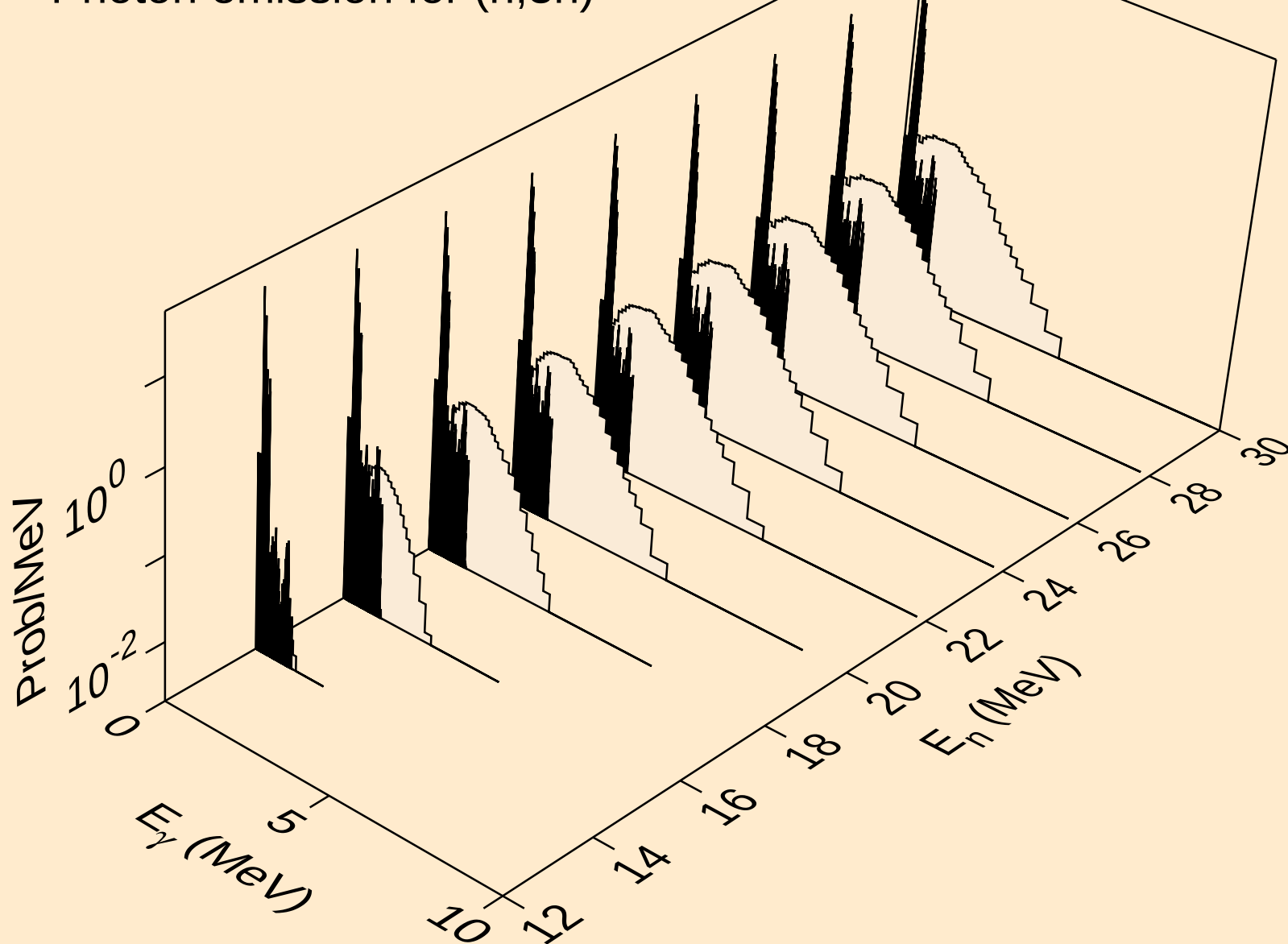
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



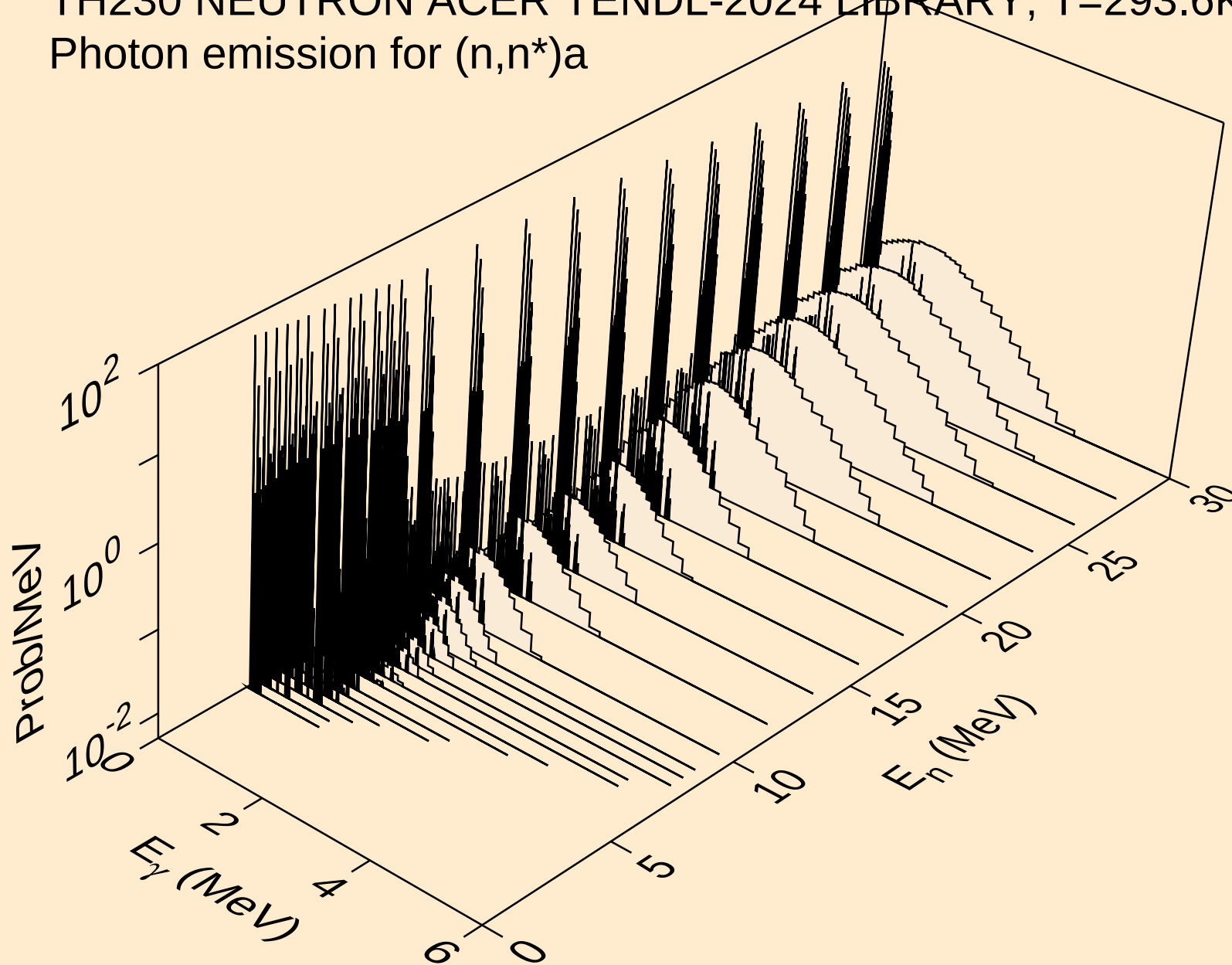
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



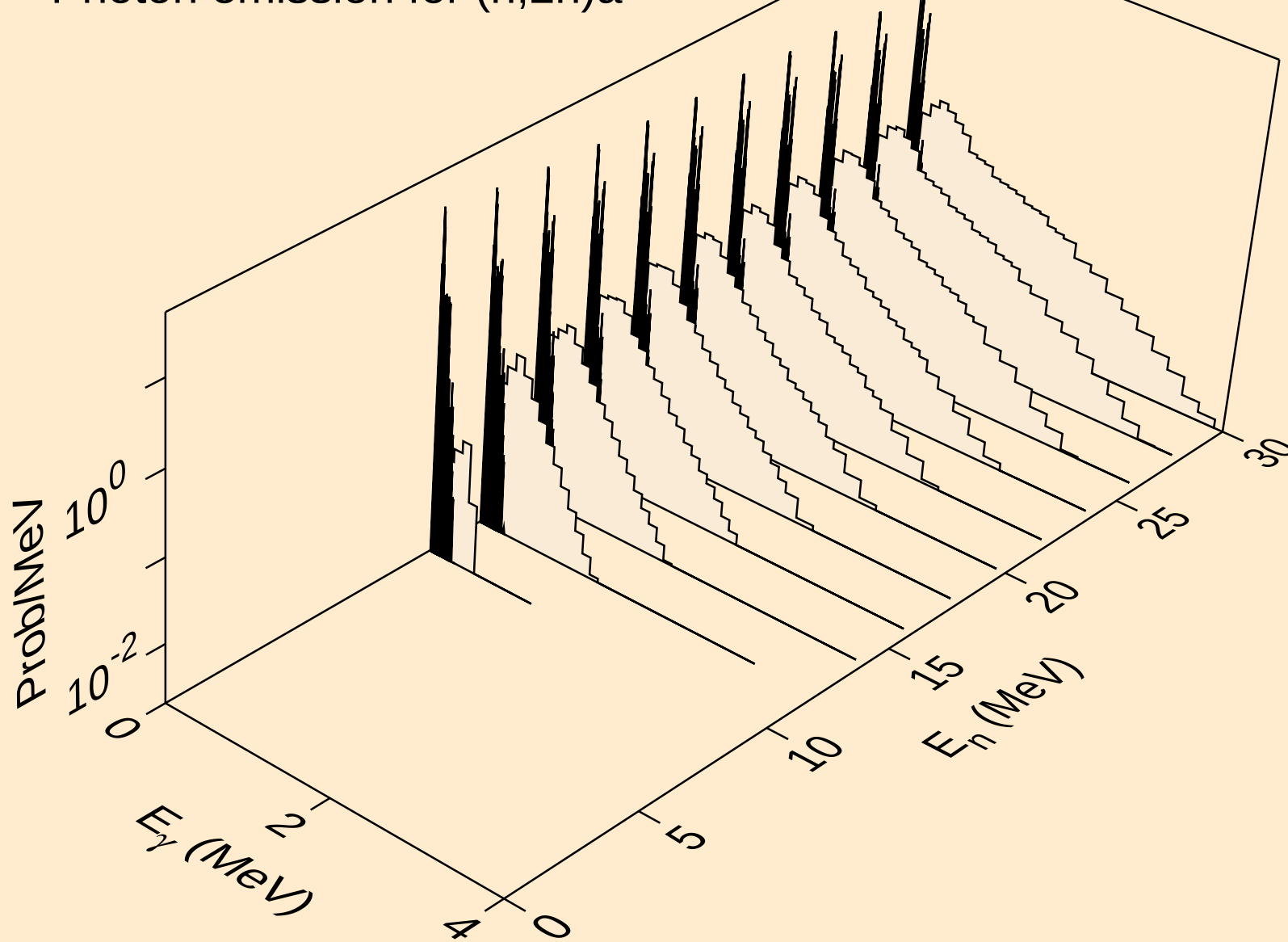
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

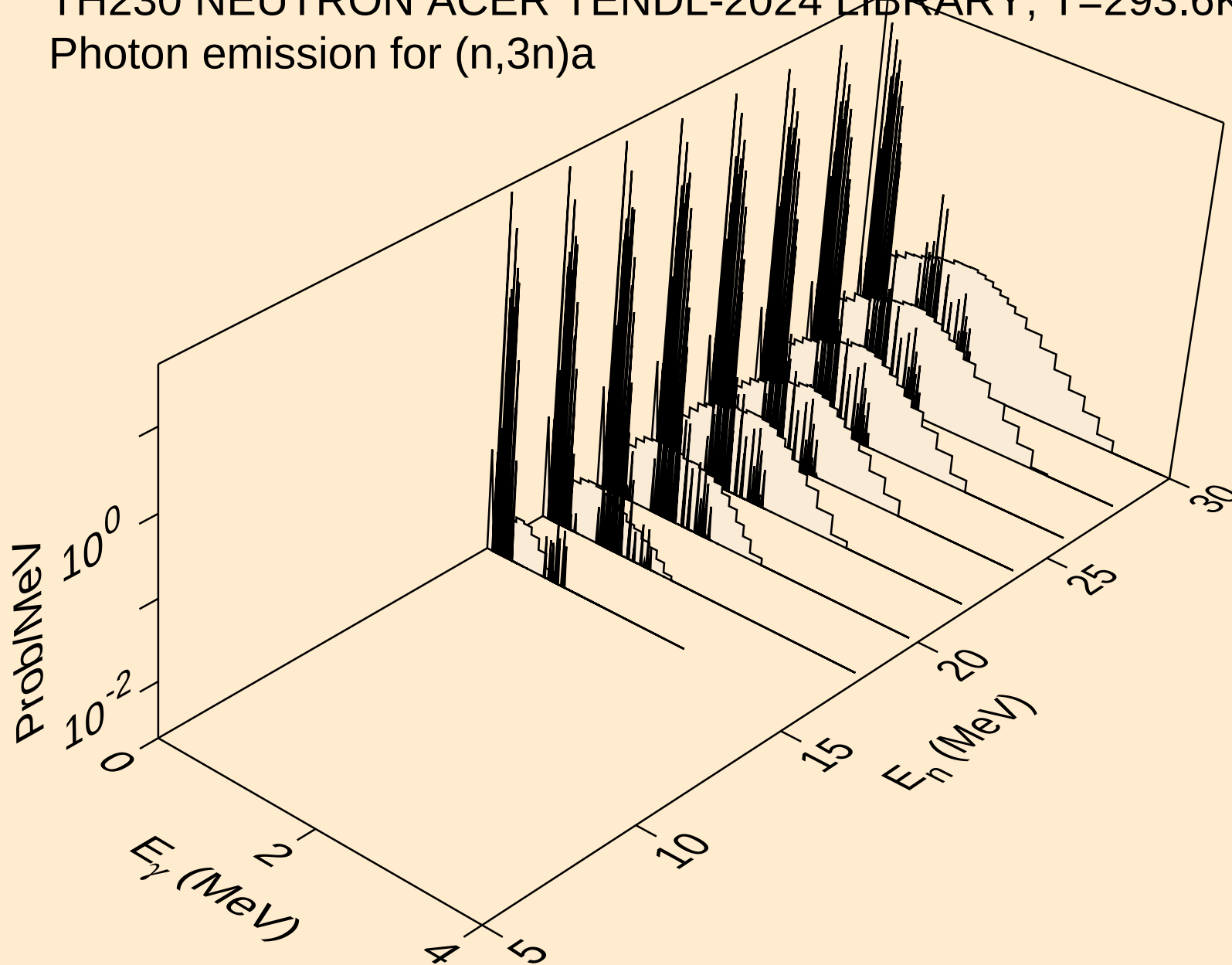


TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n) $\alpha$

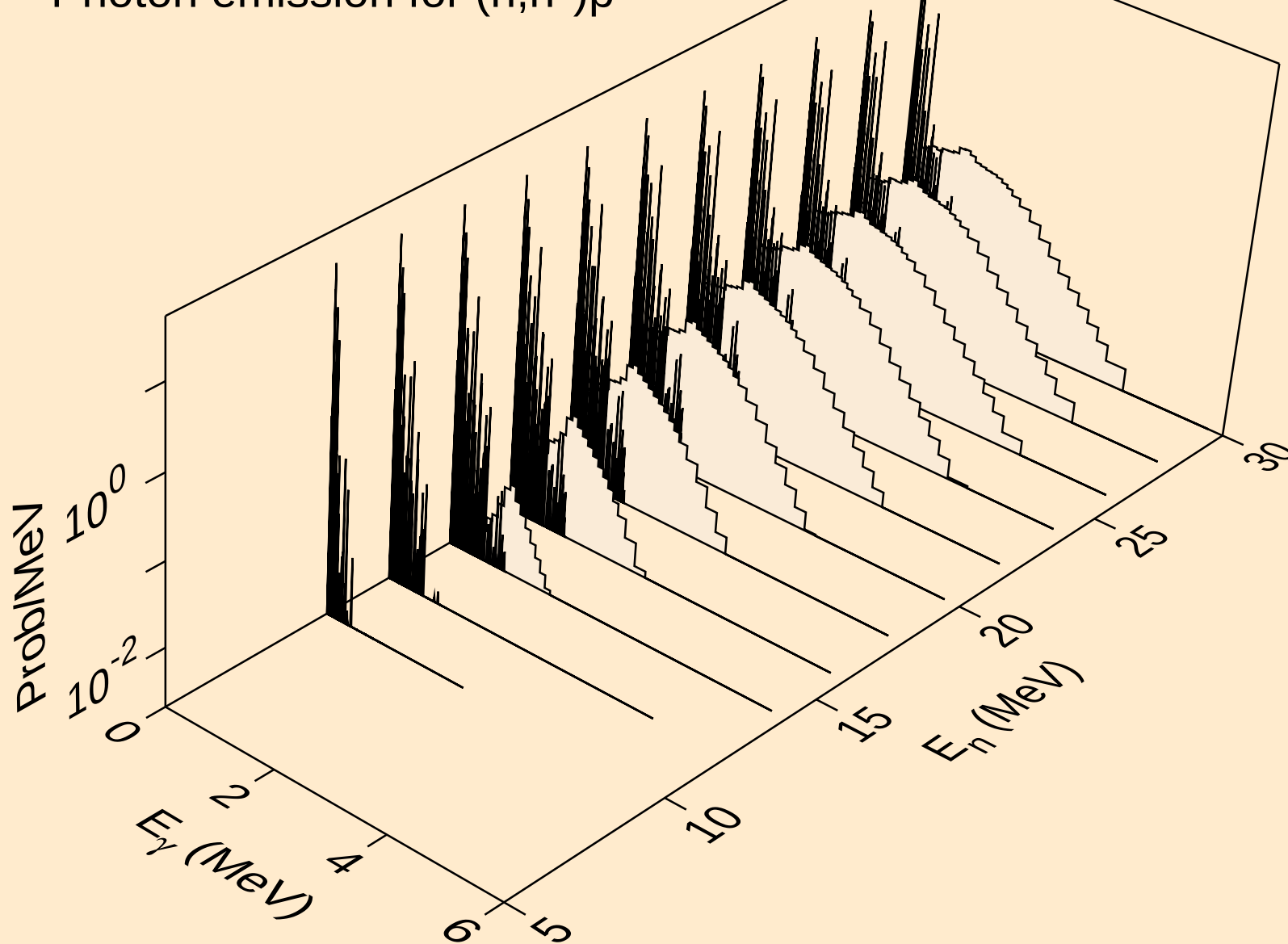


TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,3n) $\alpha$

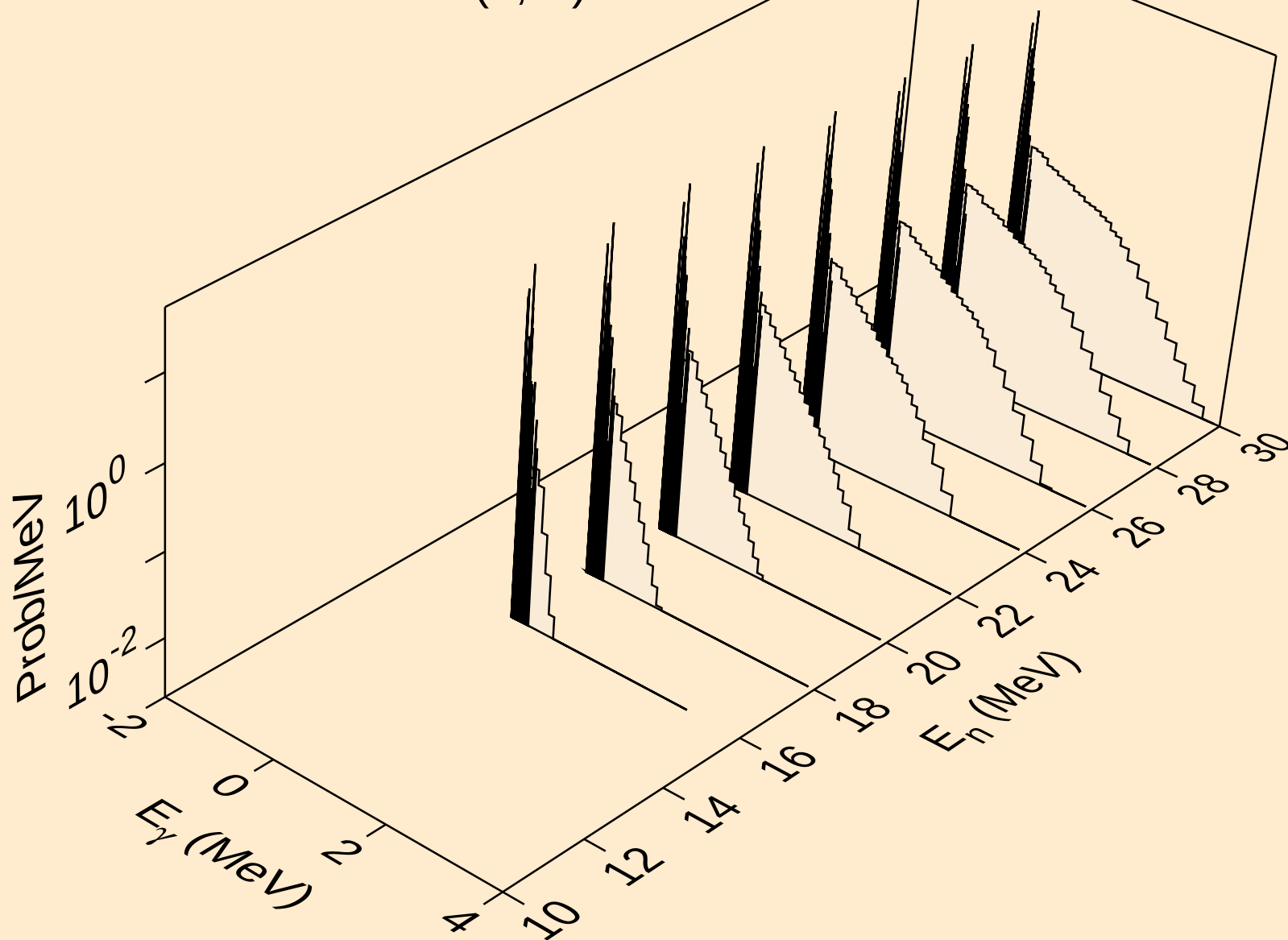


TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p

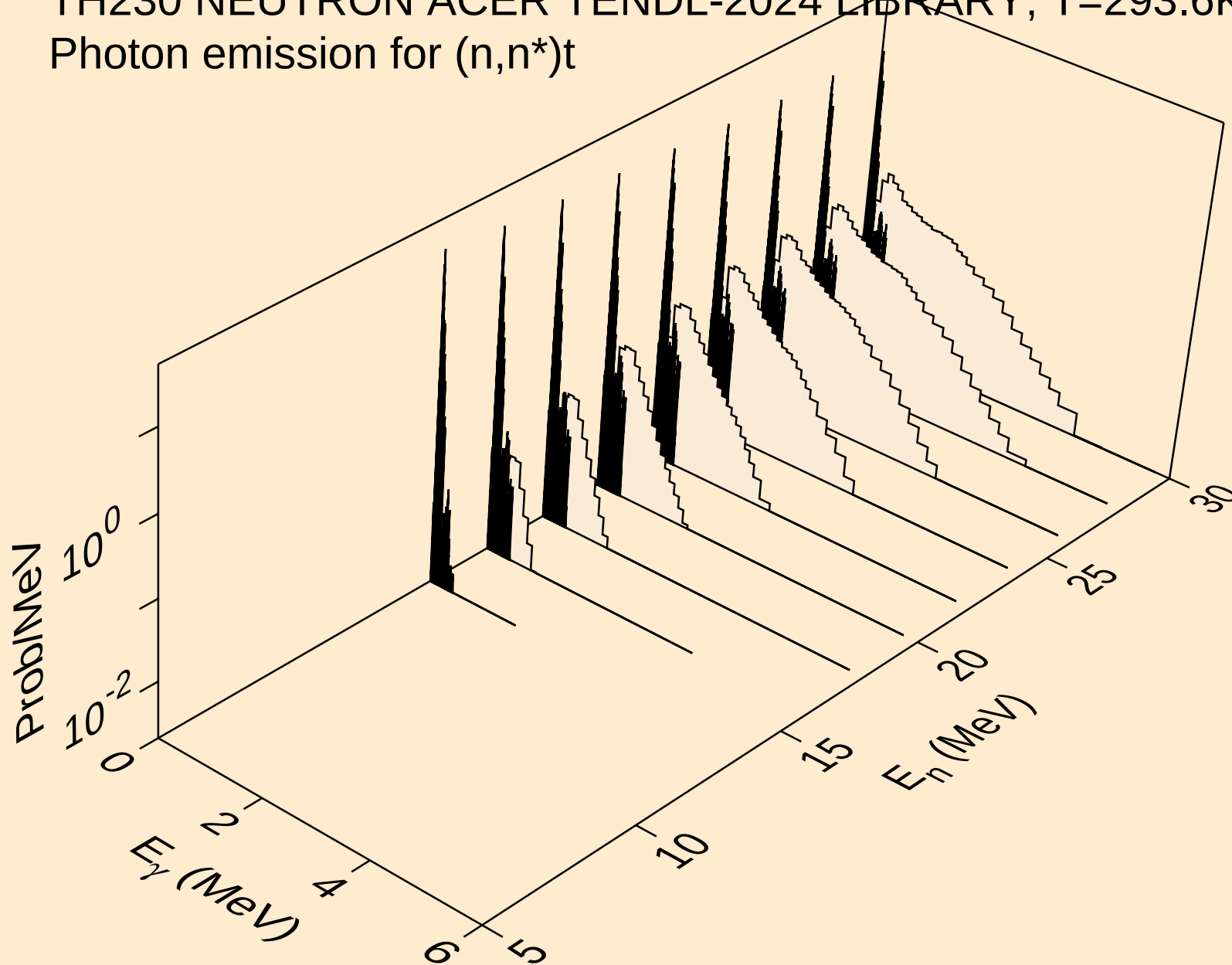


TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

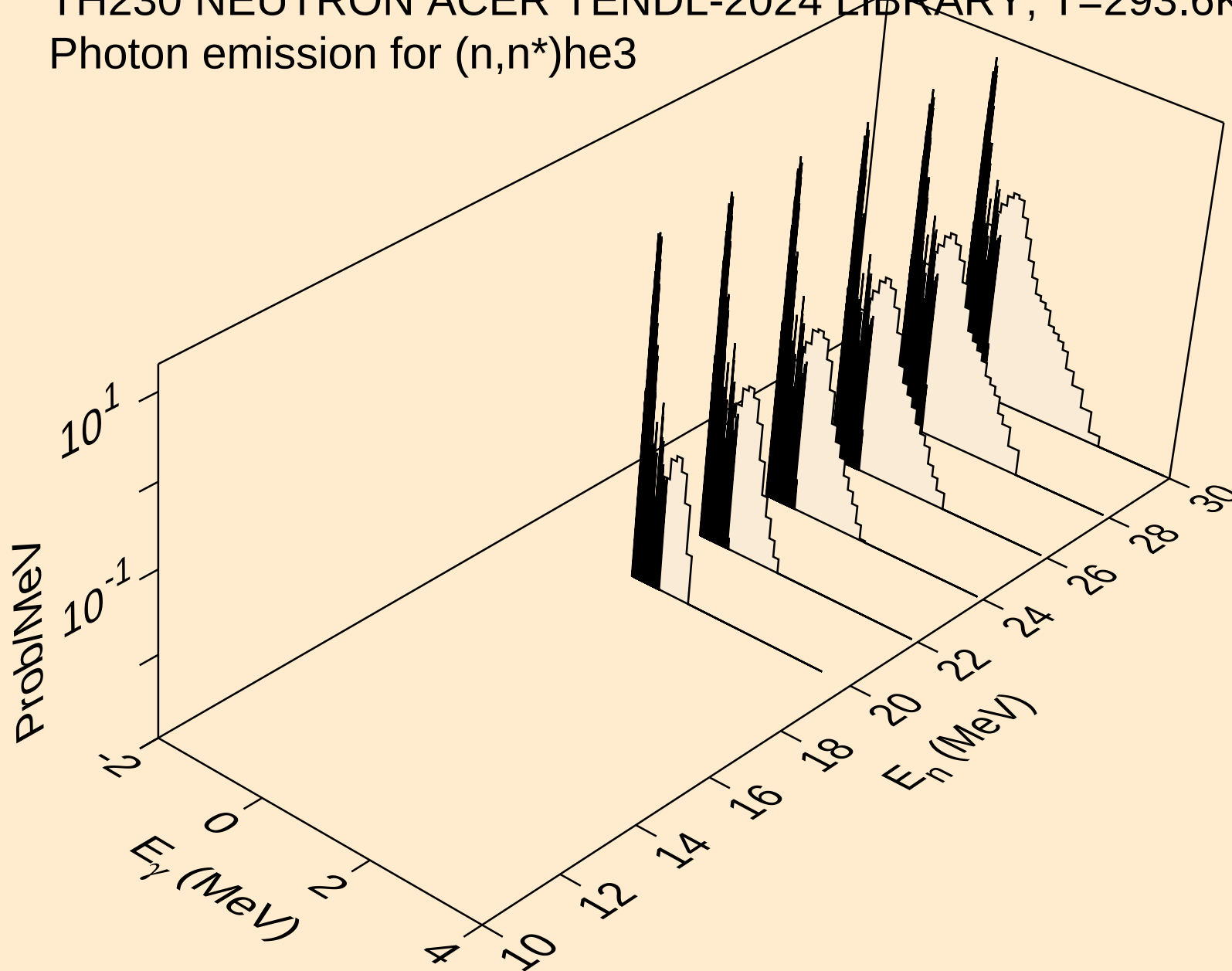
Photon emission for (n,n\*)d



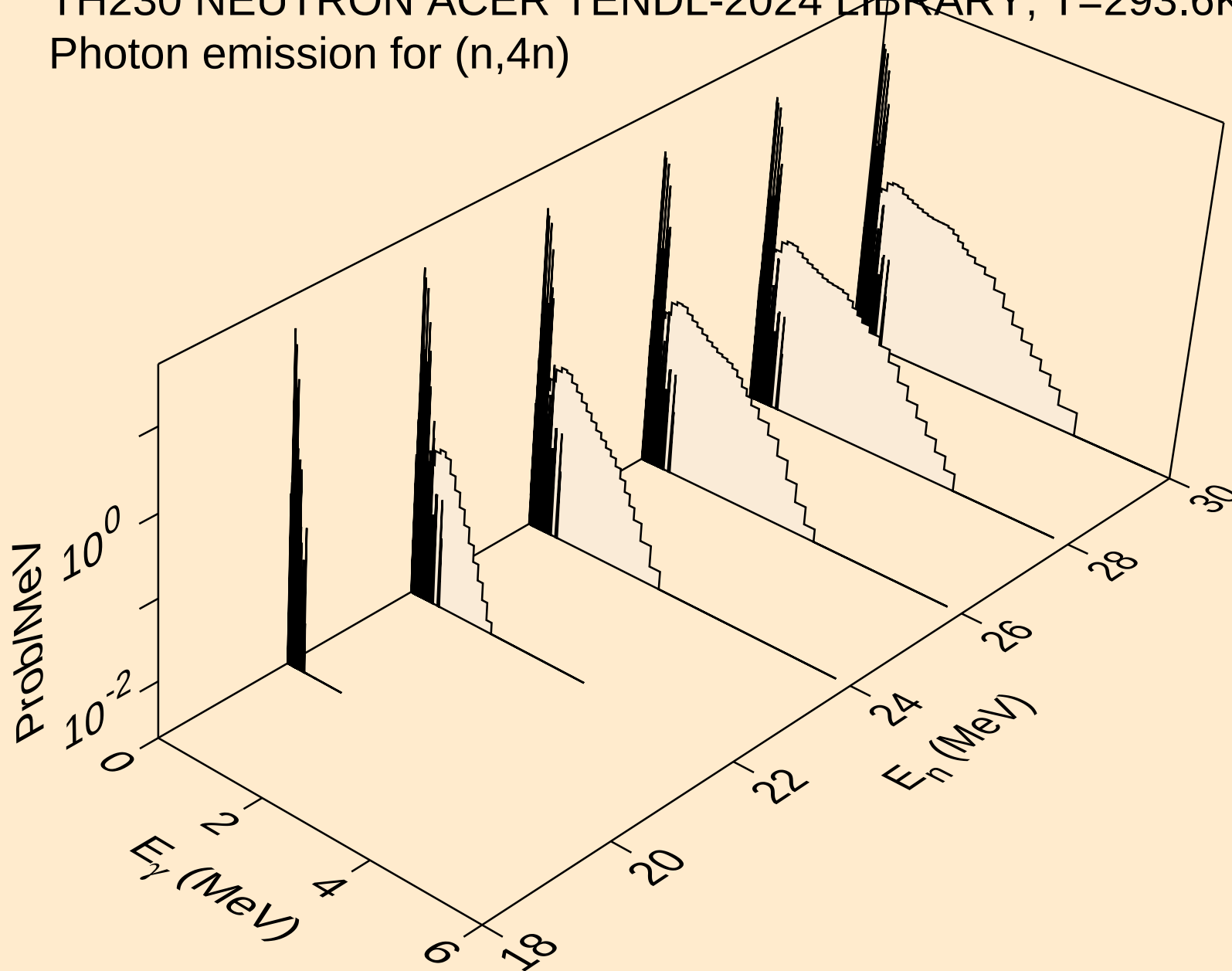
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



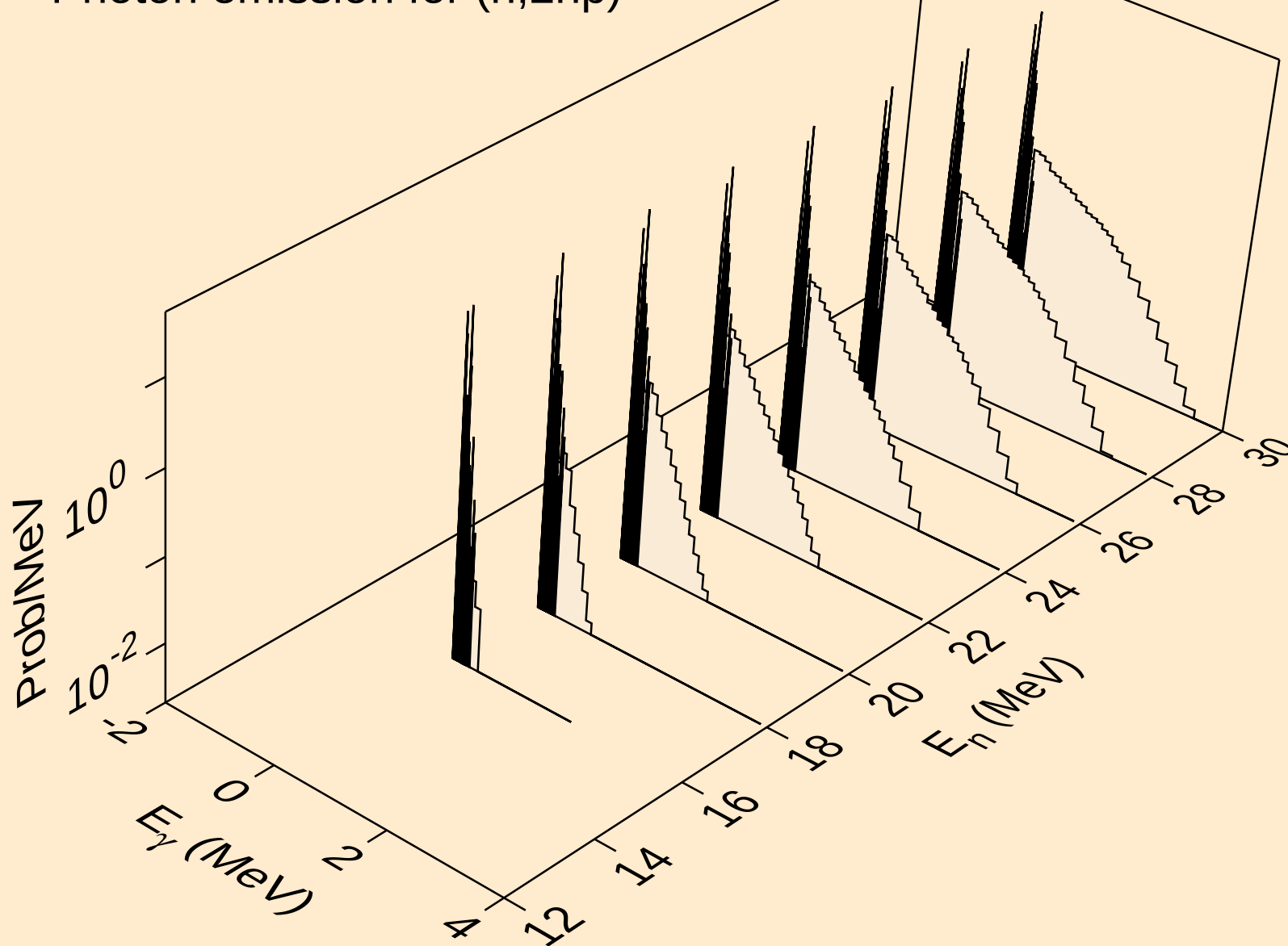
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



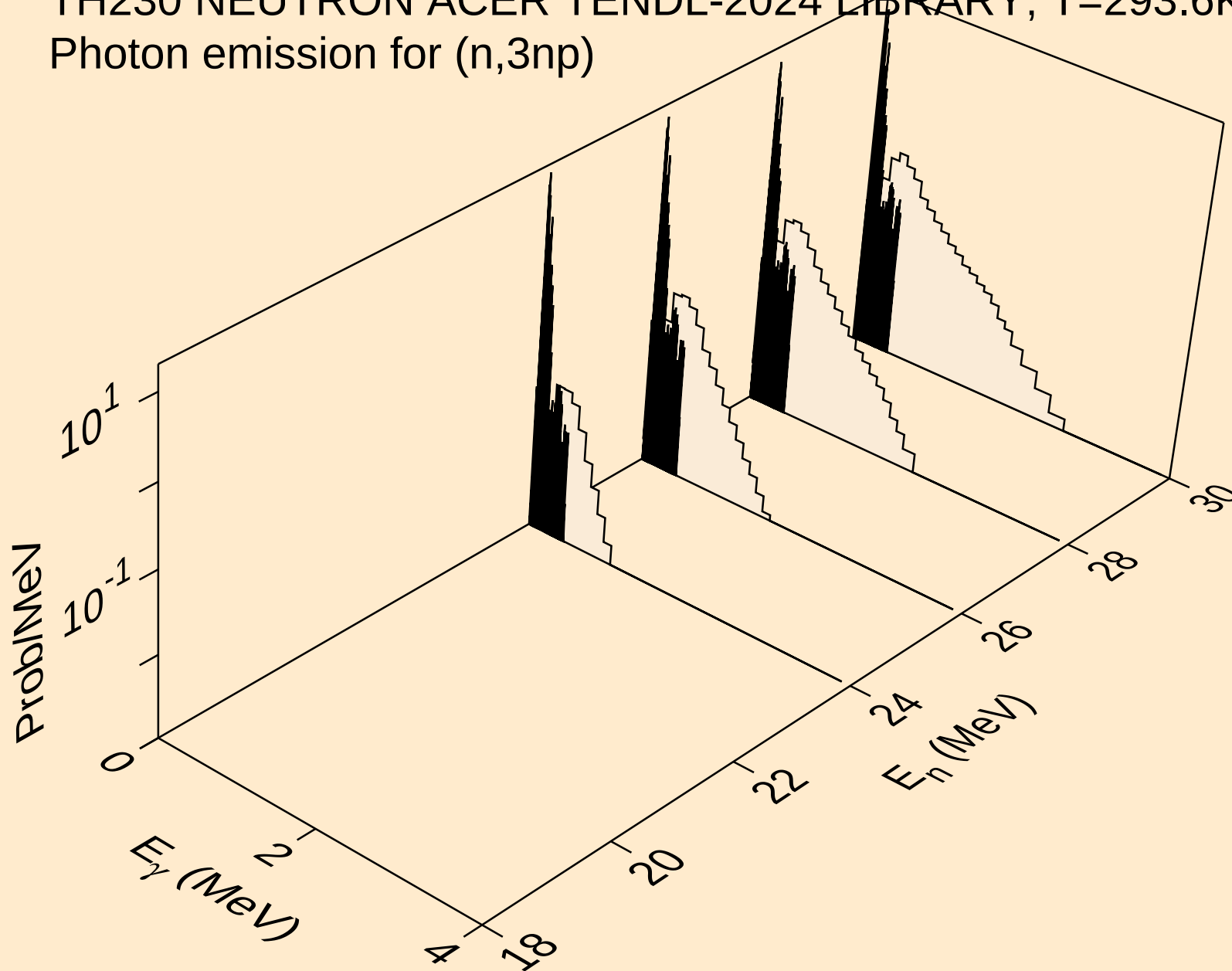
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,4n)



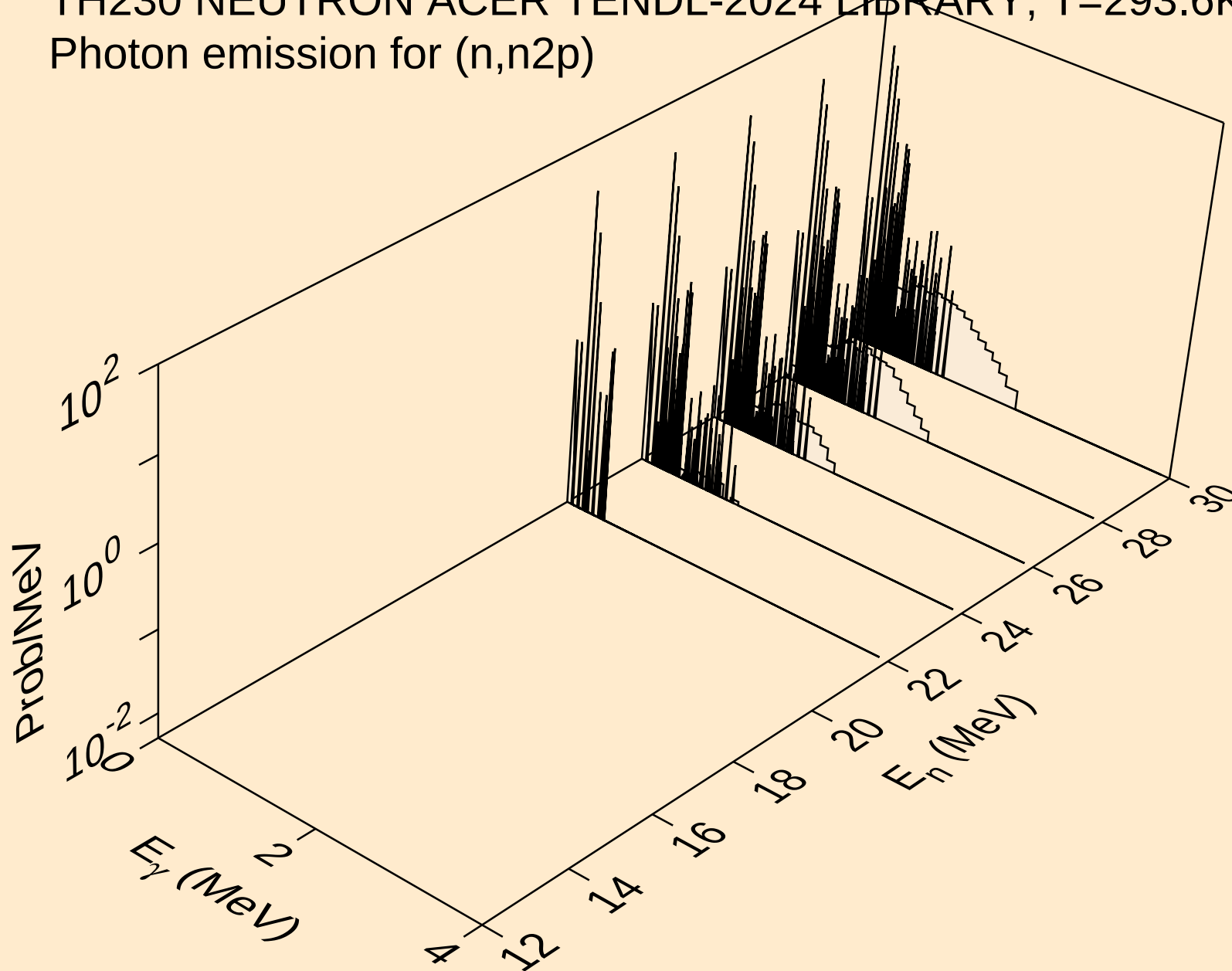
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



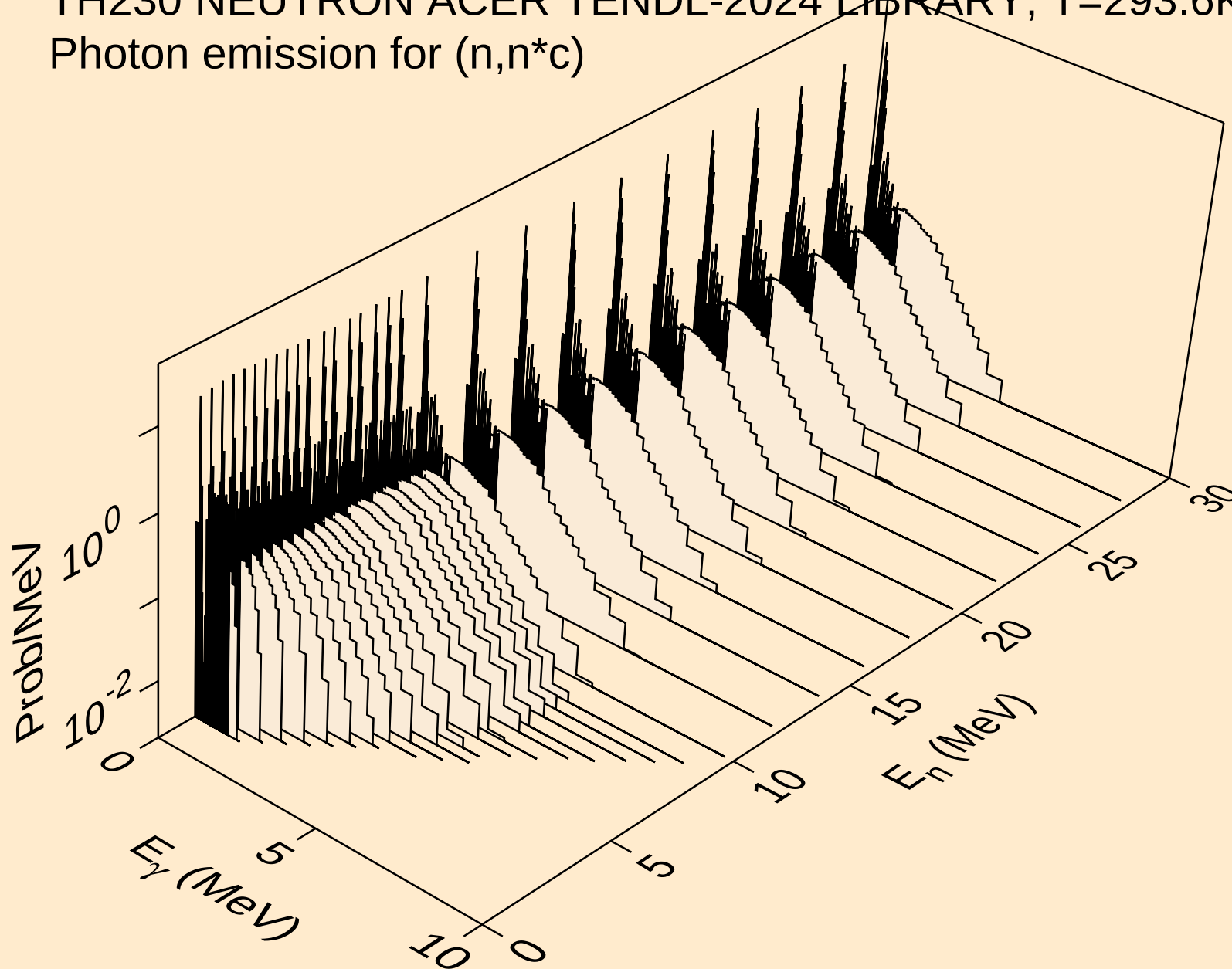
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Photon emission for (n,3np)



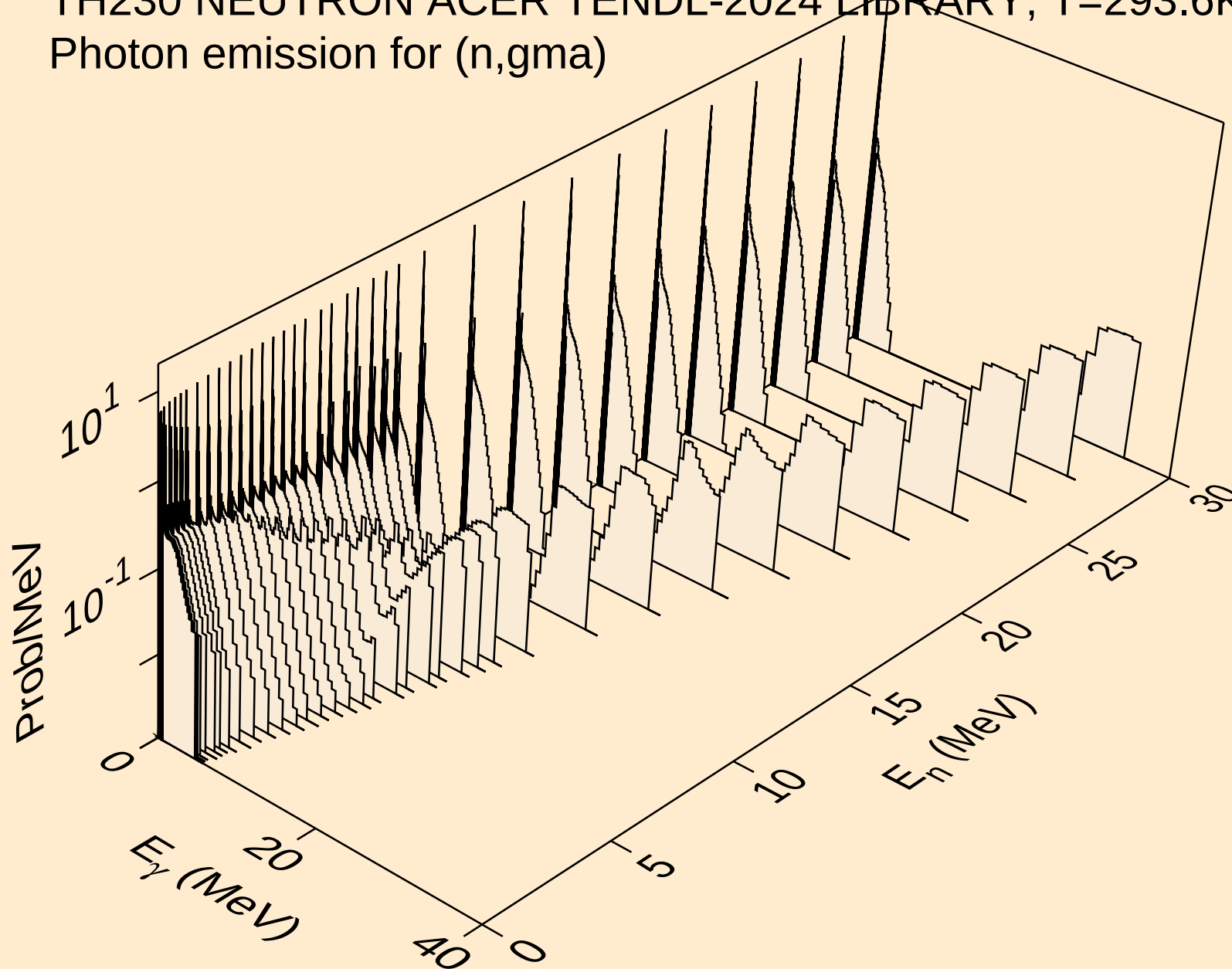
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n2p)



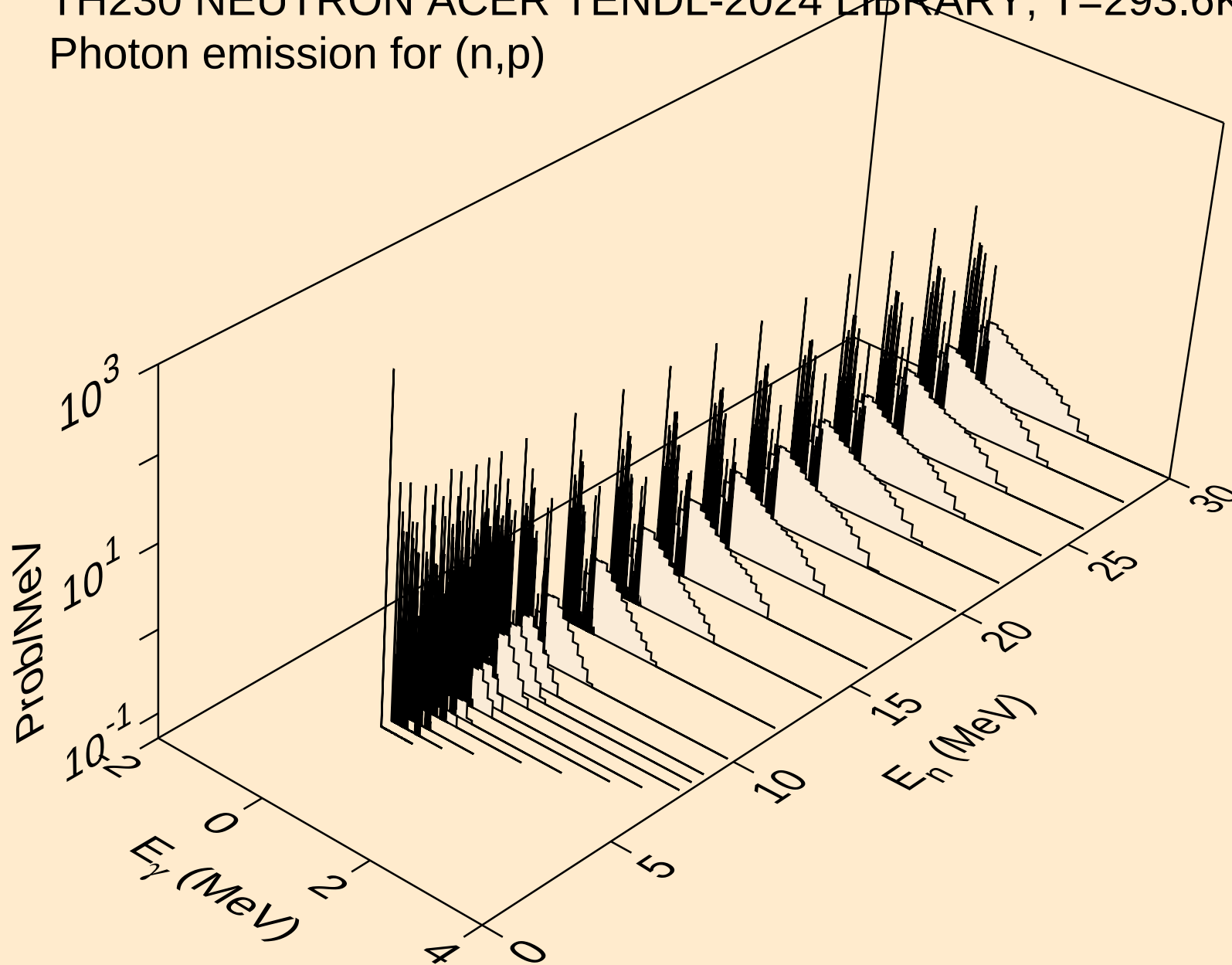
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



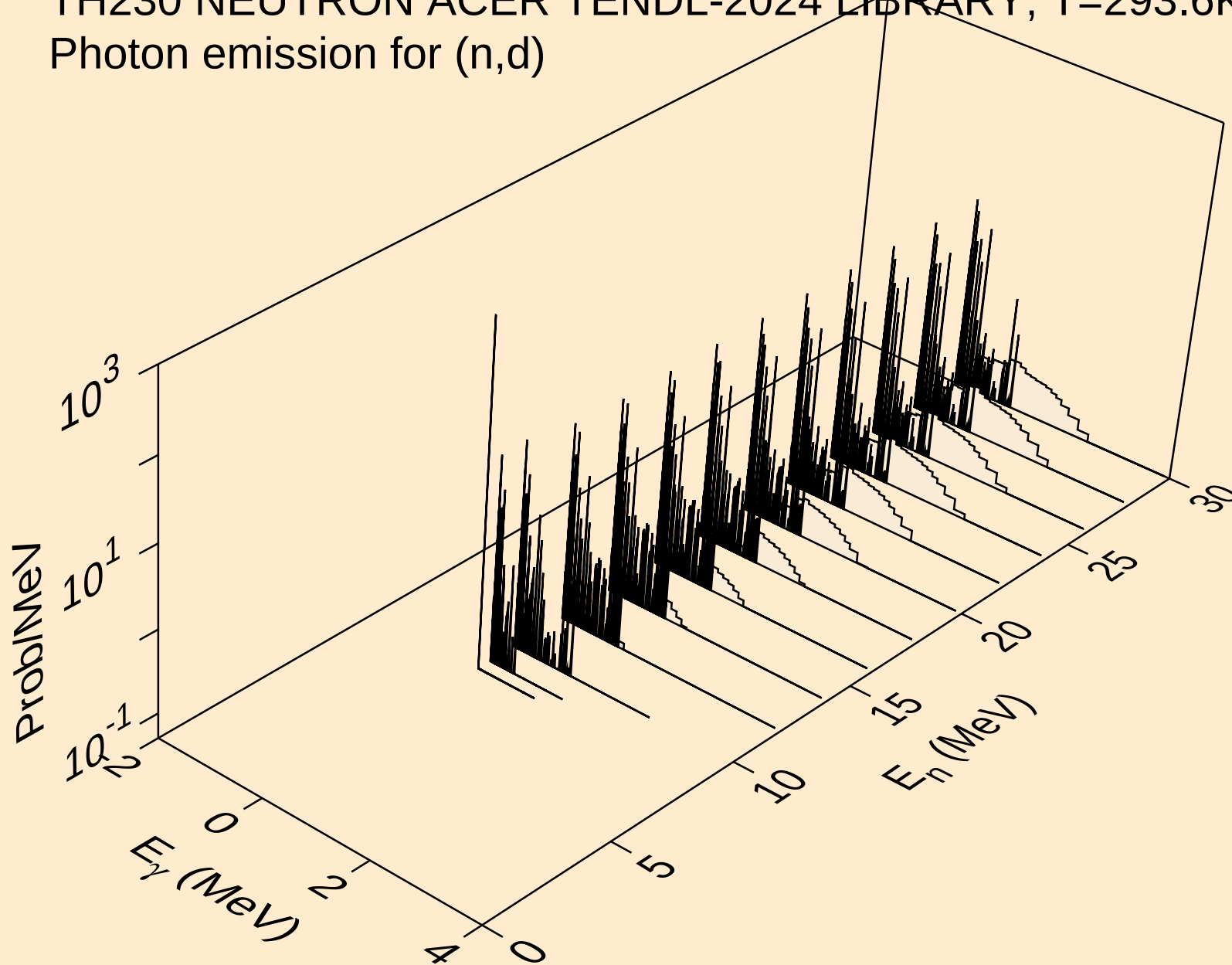
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,gma)



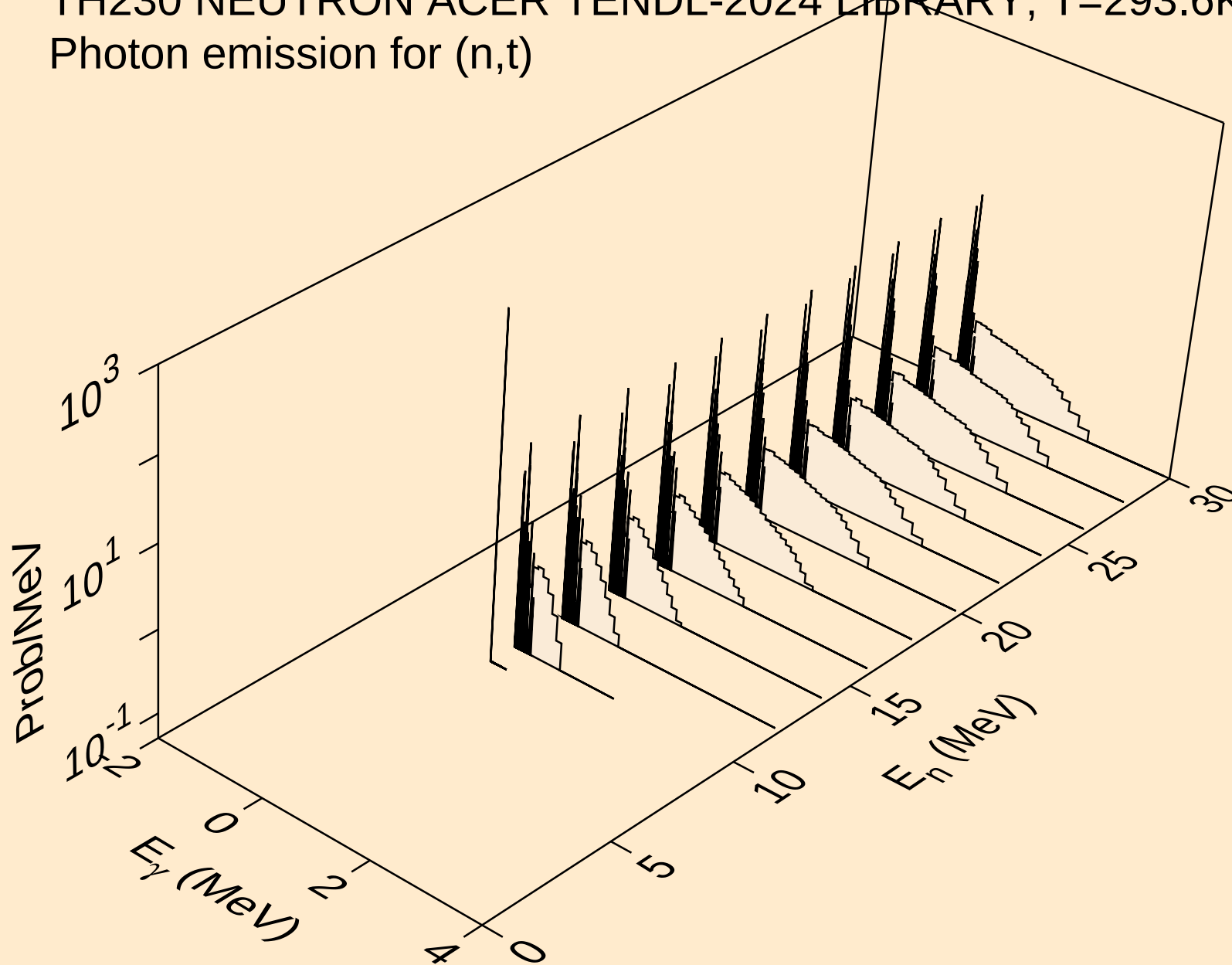
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



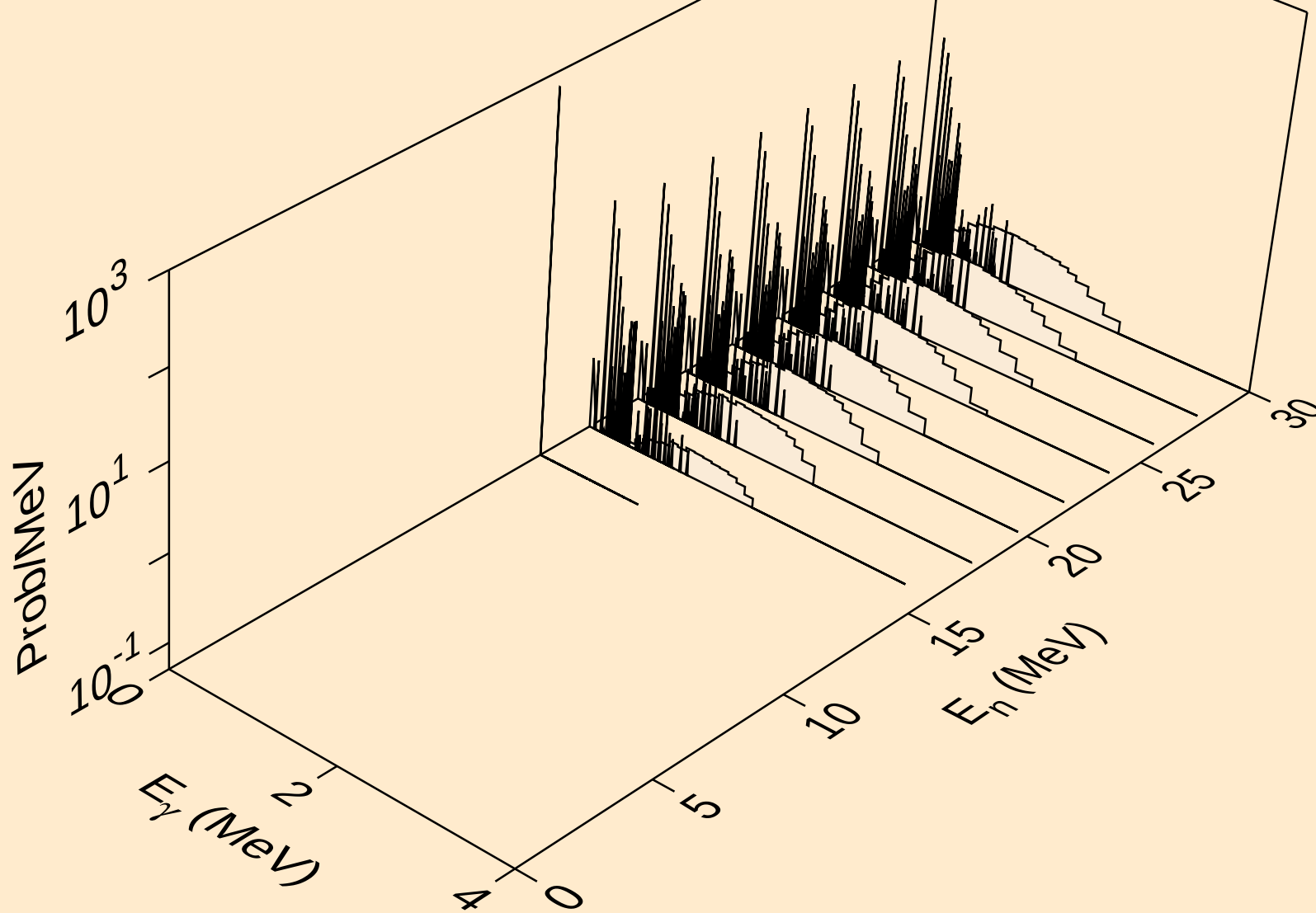
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Photon emission for (n,d)



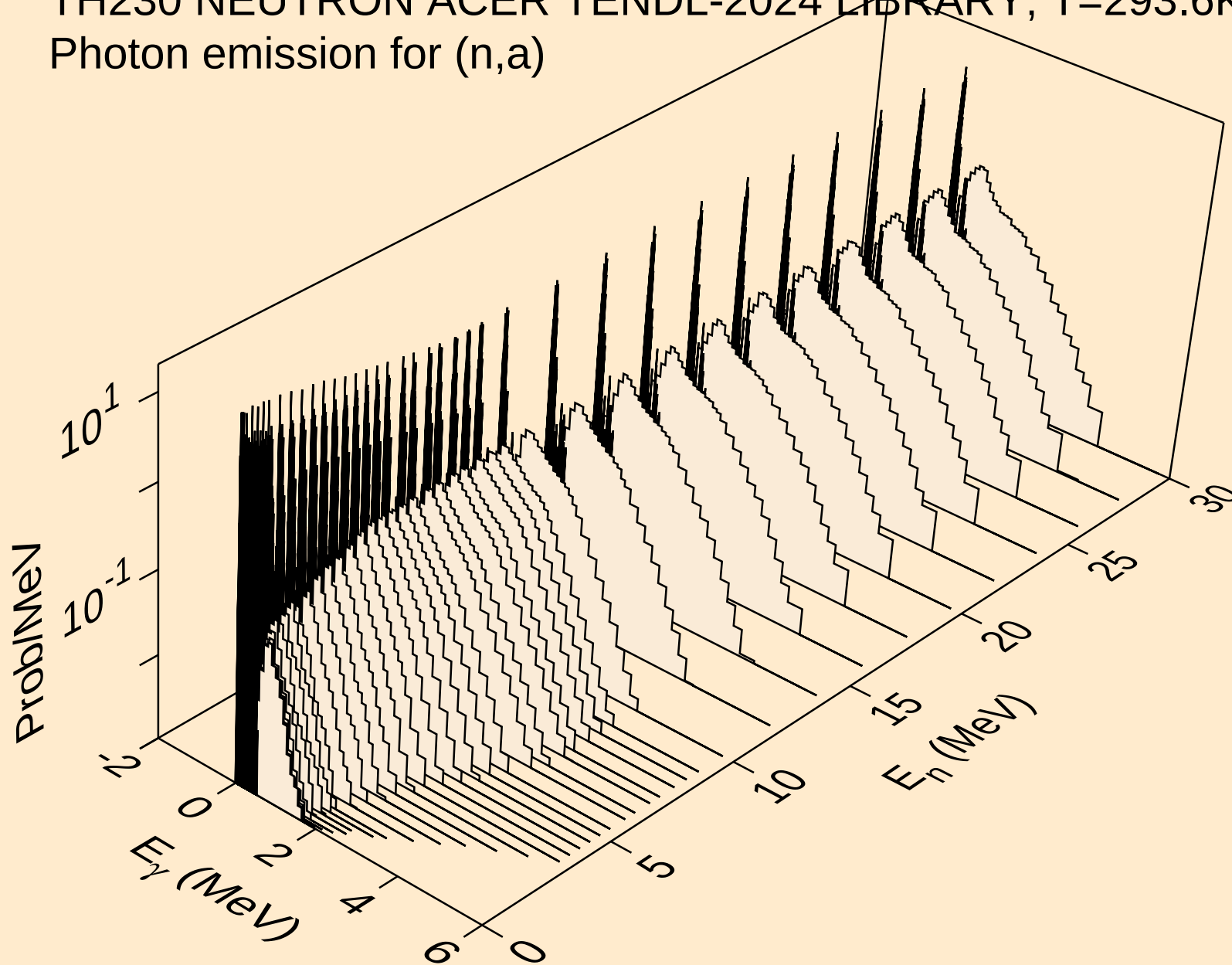
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



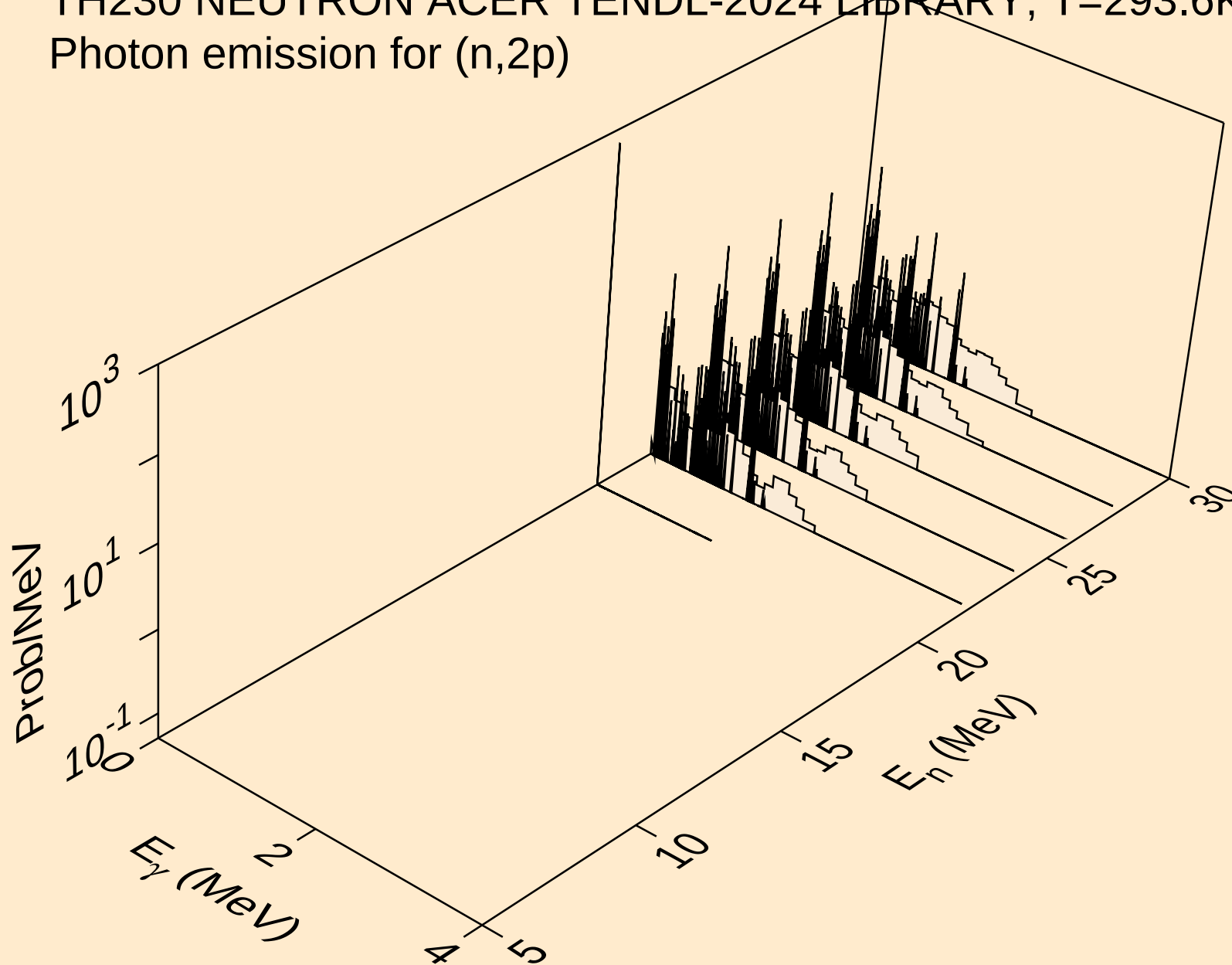
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



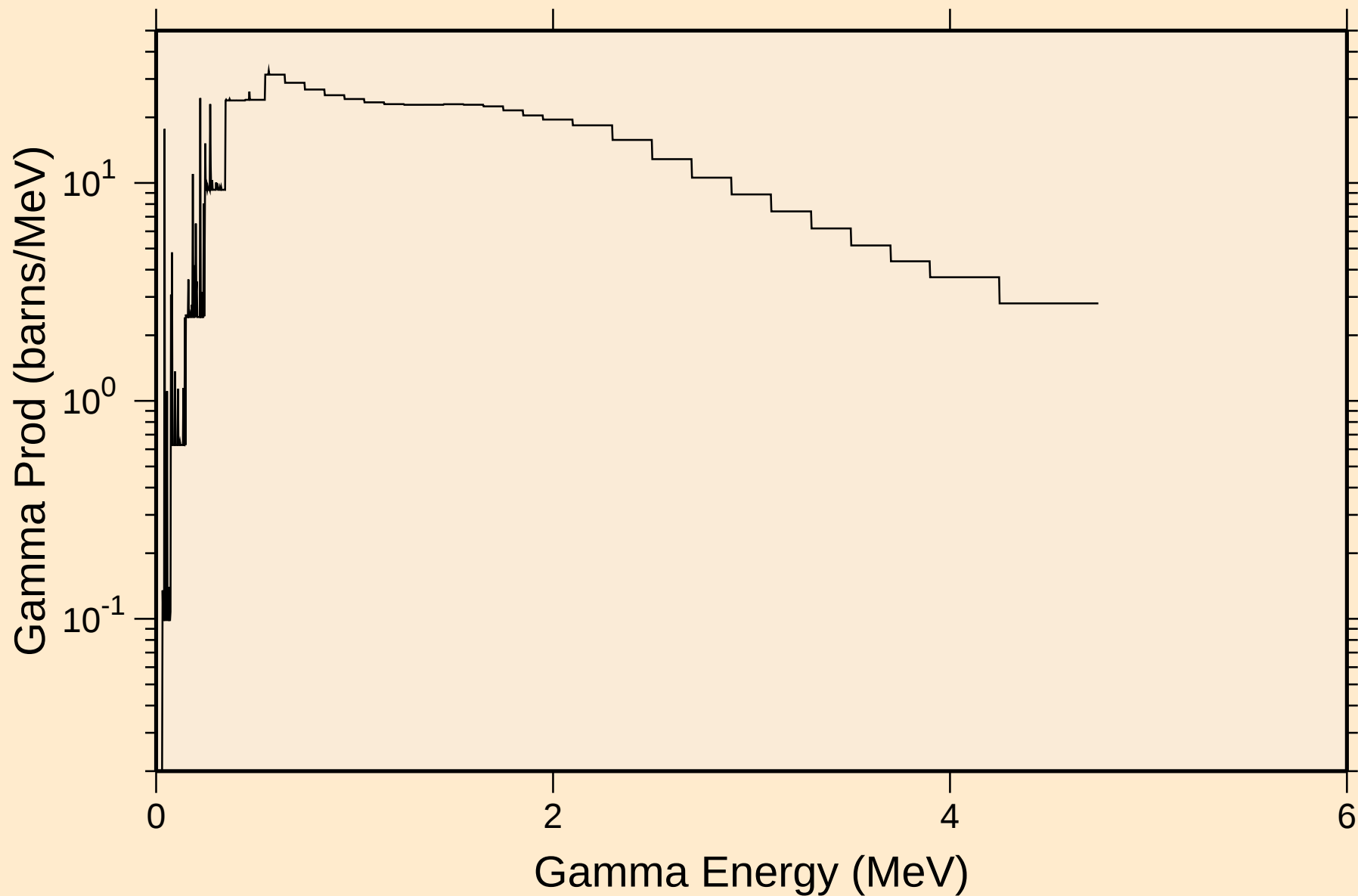
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



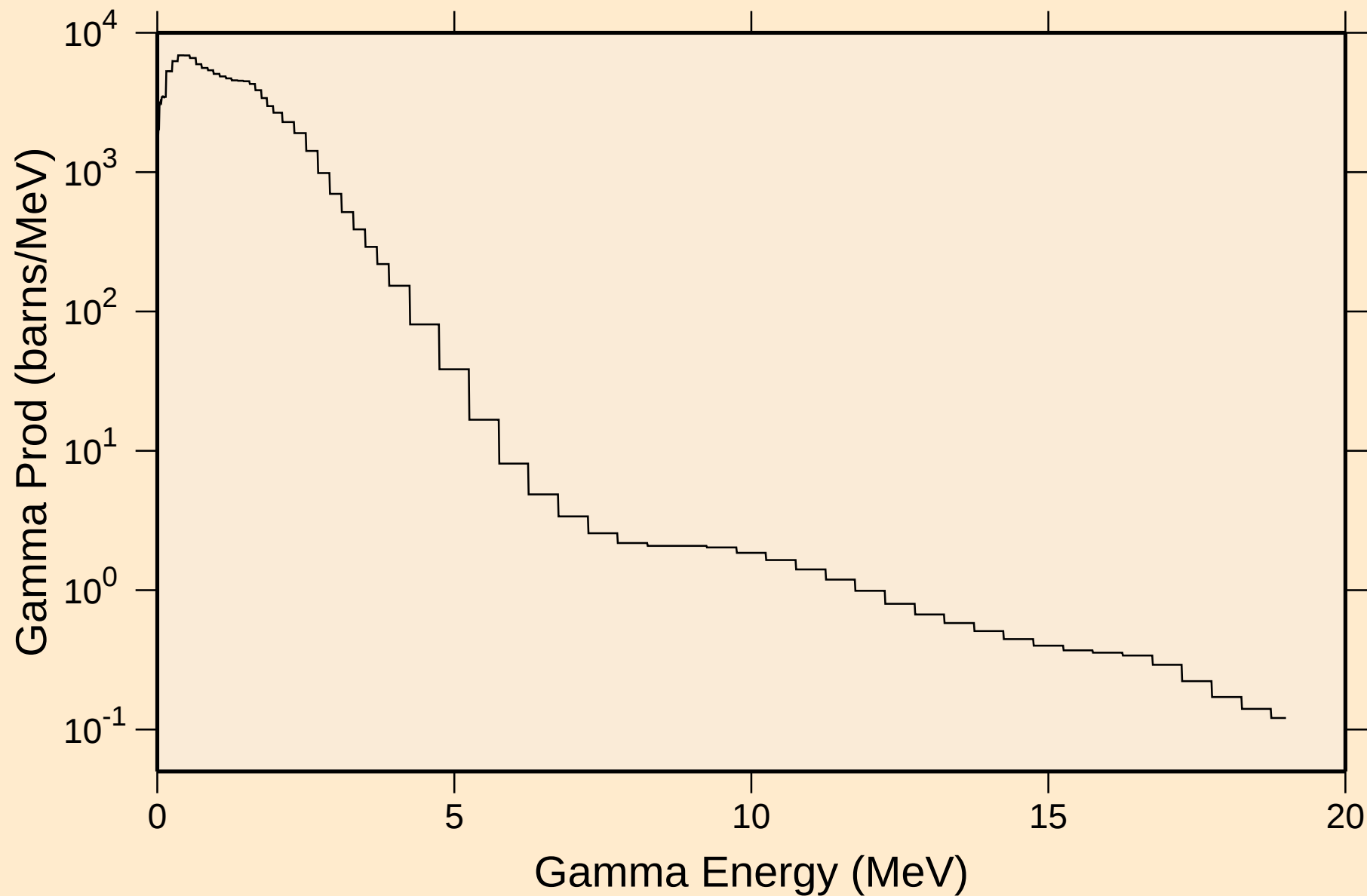
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)



TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum

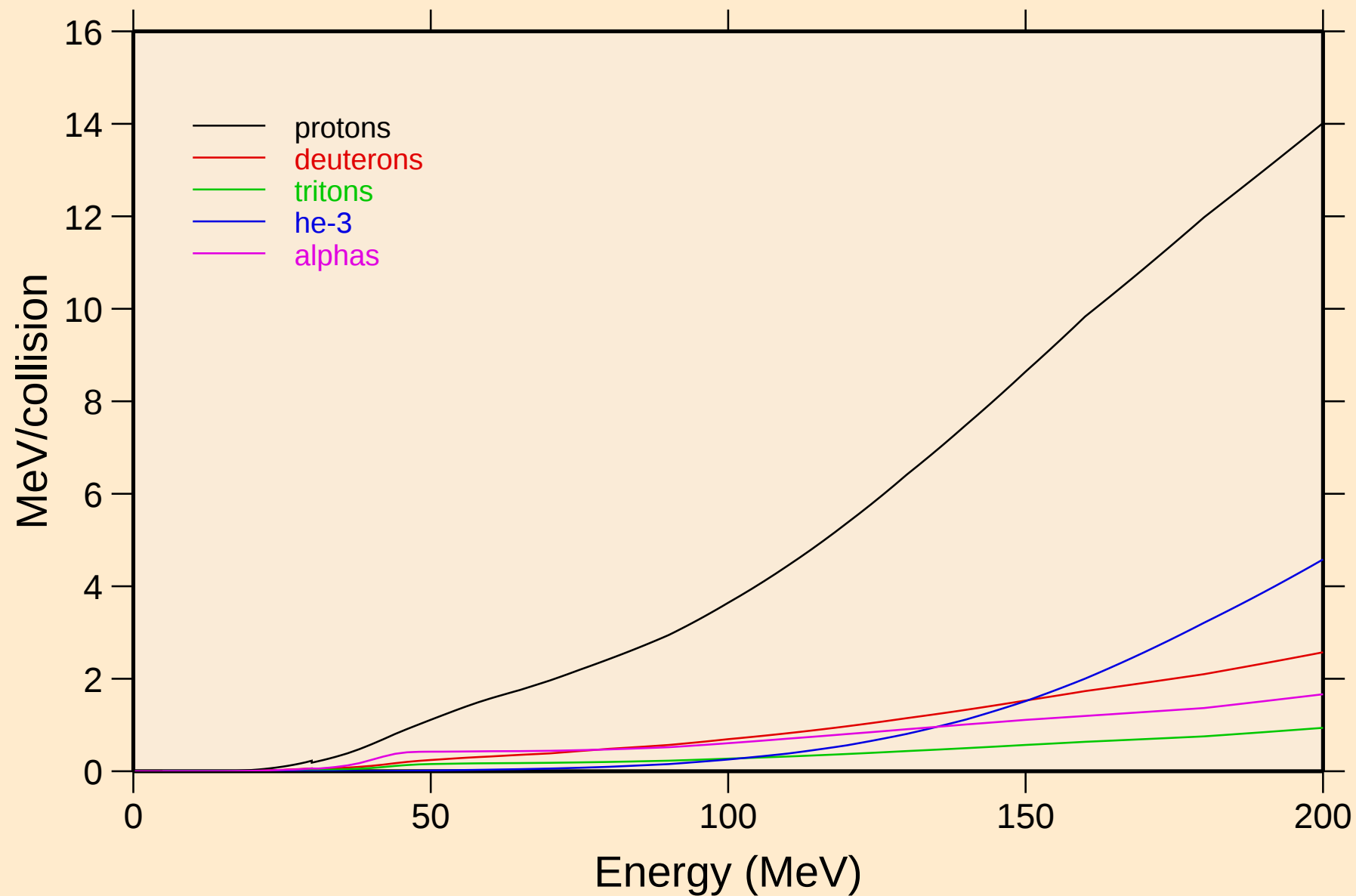


TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum

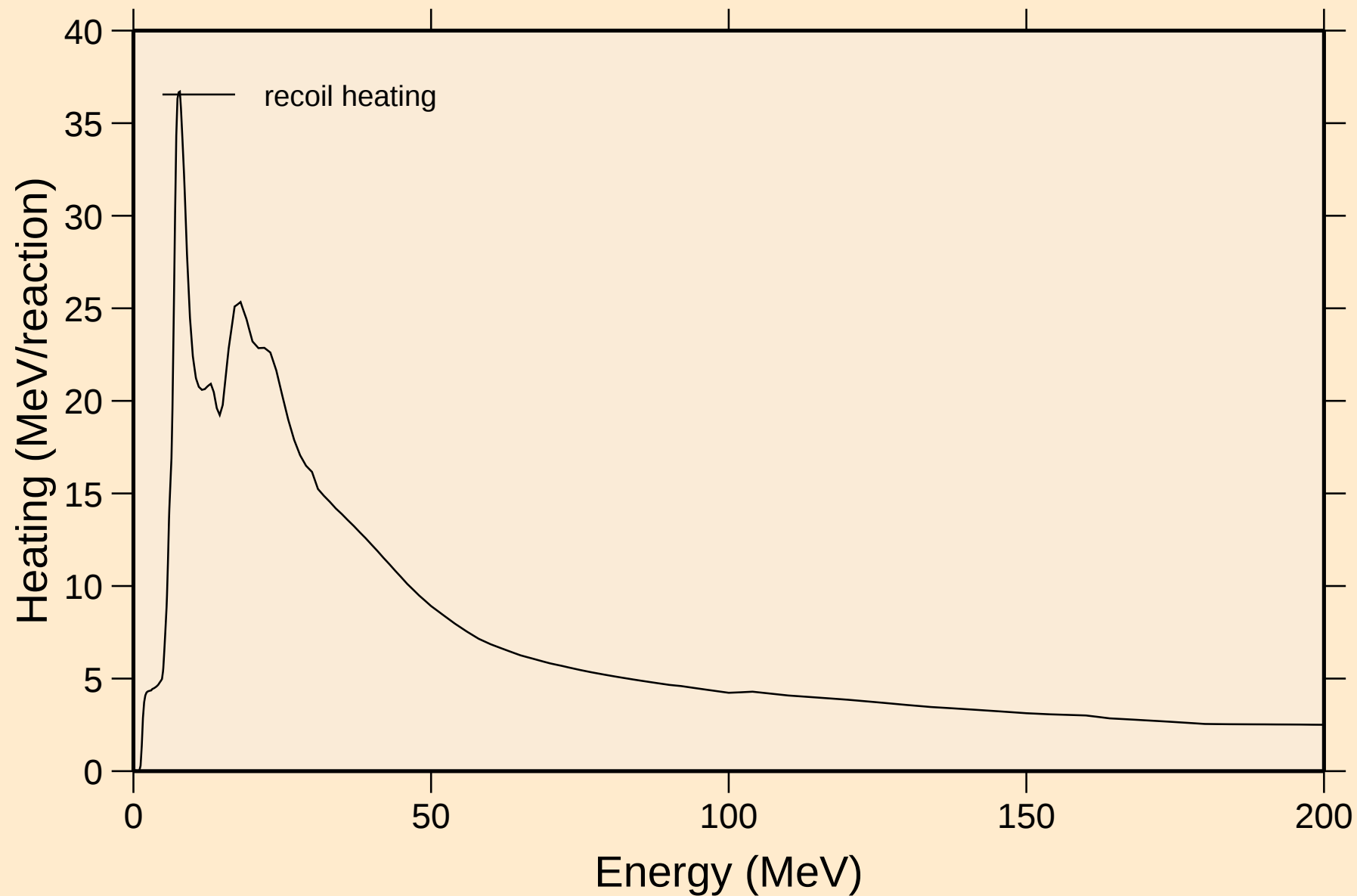


# TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

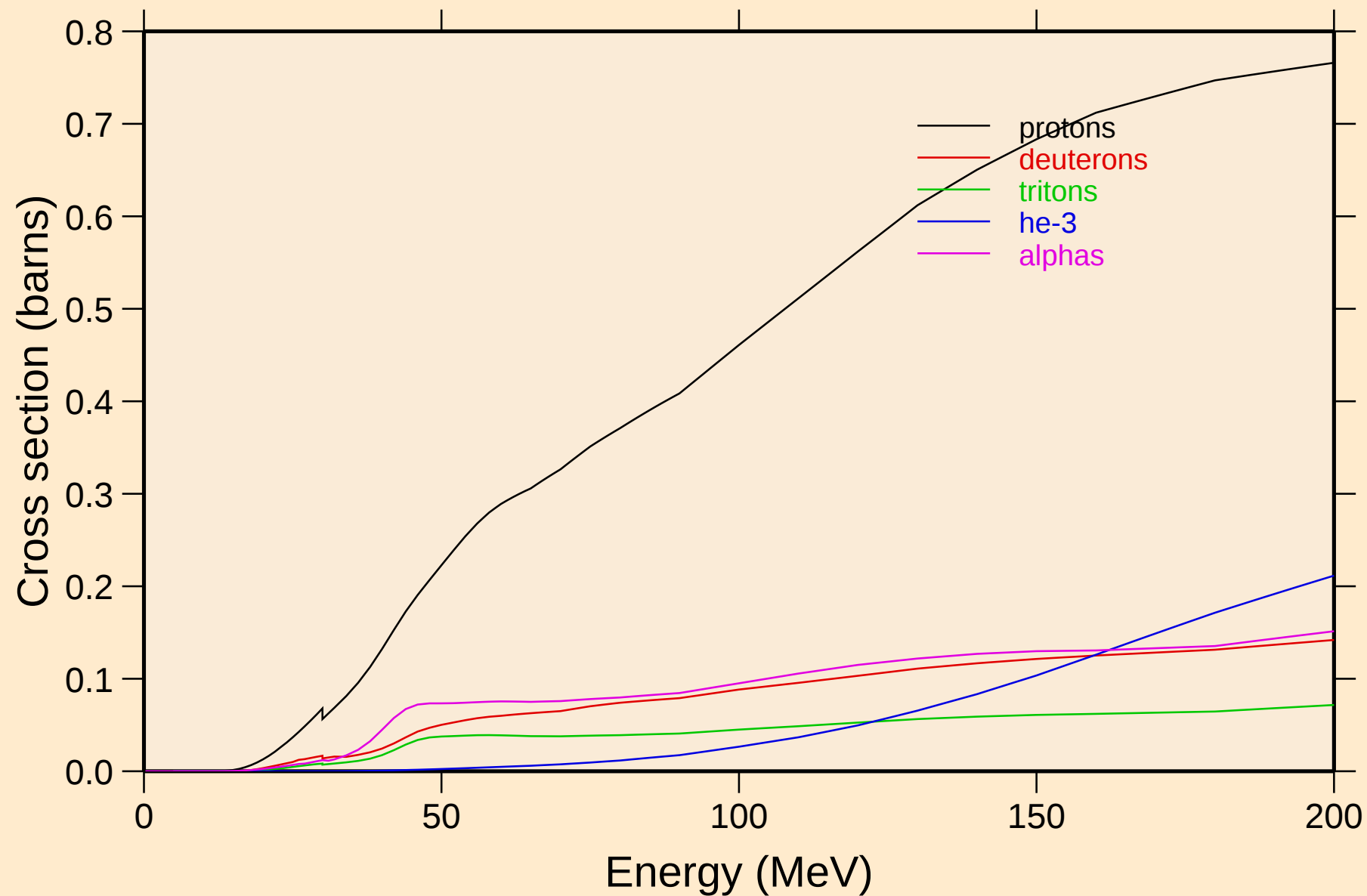
## Particle heating contributions



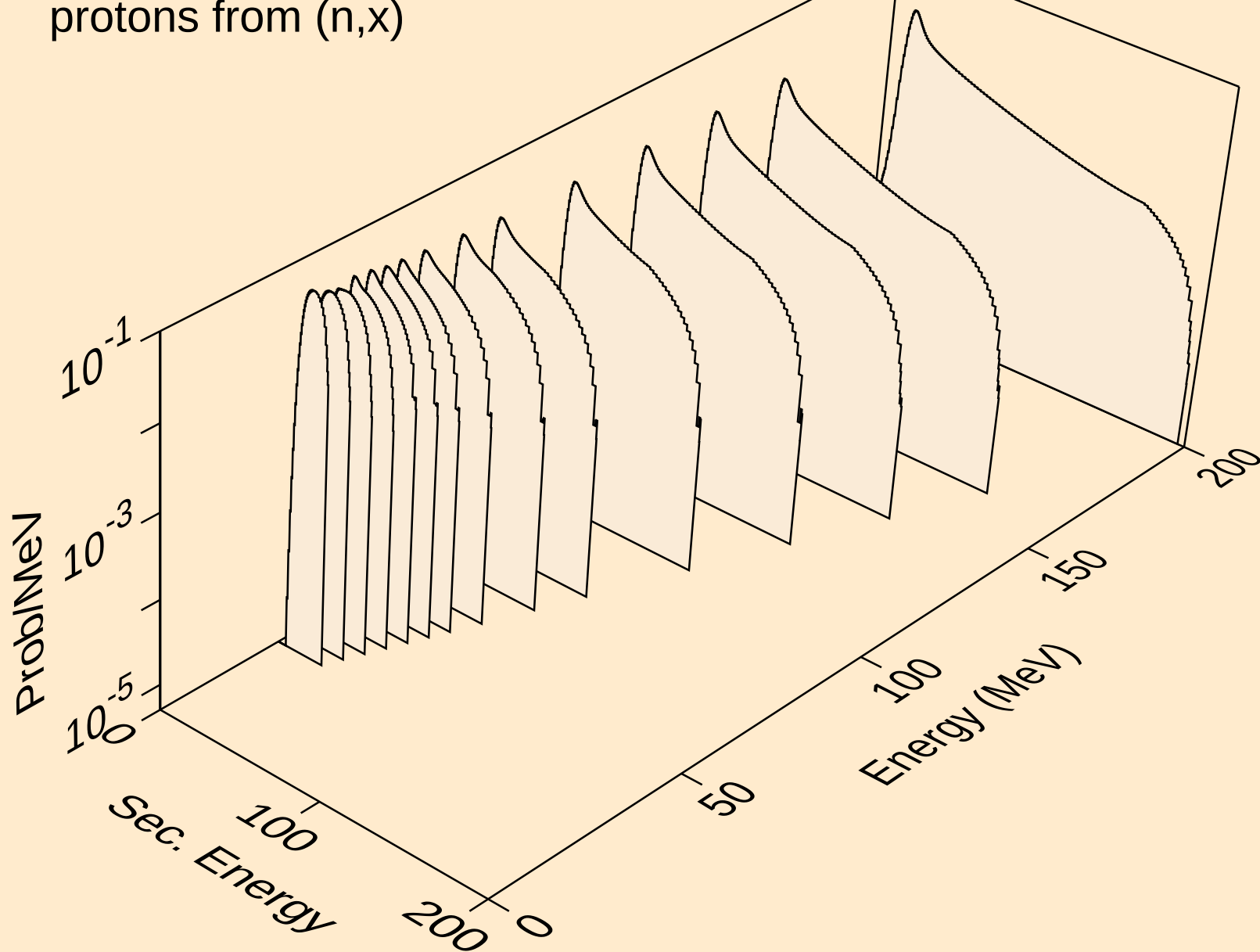
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating



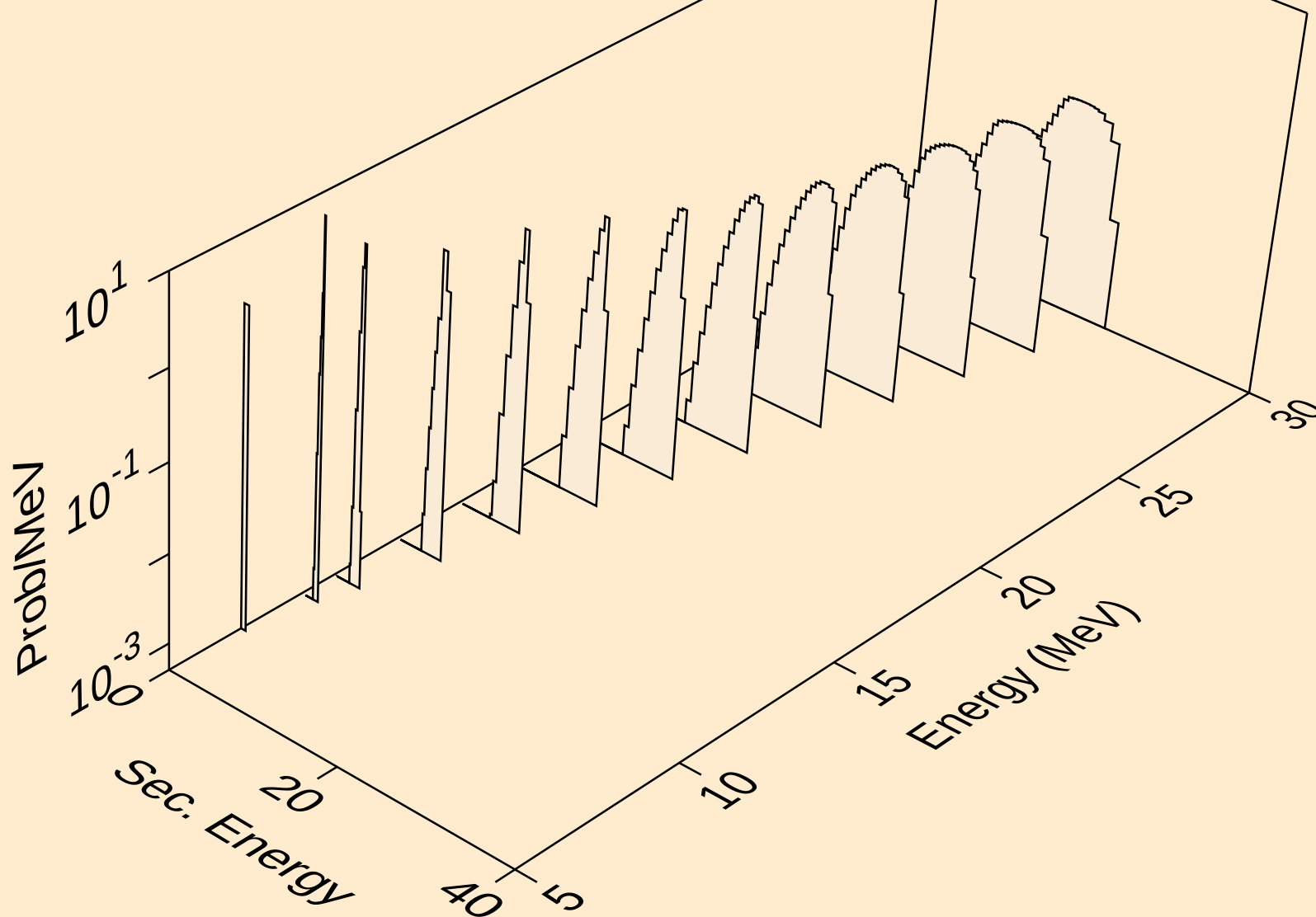
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle production cross sections



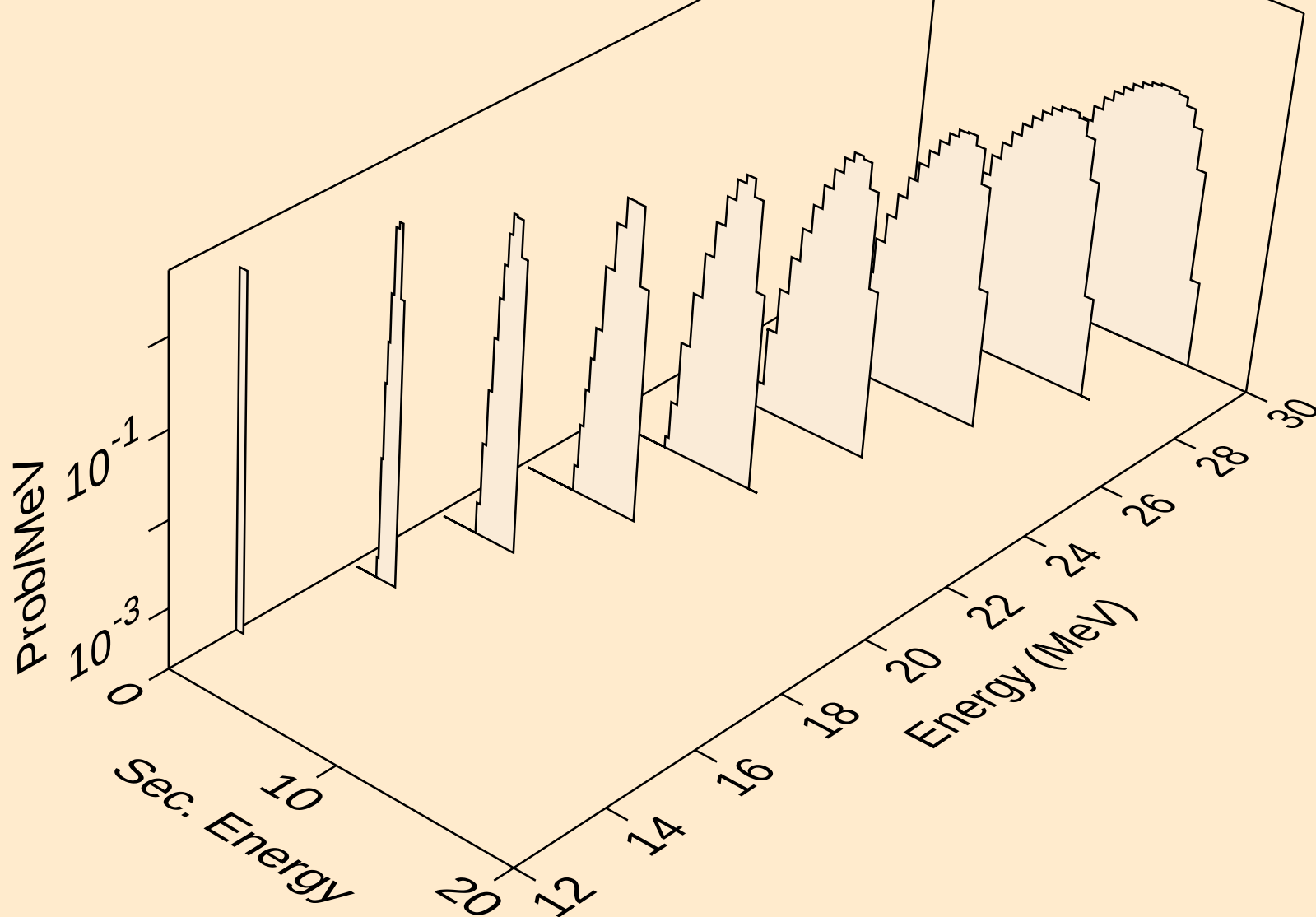
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



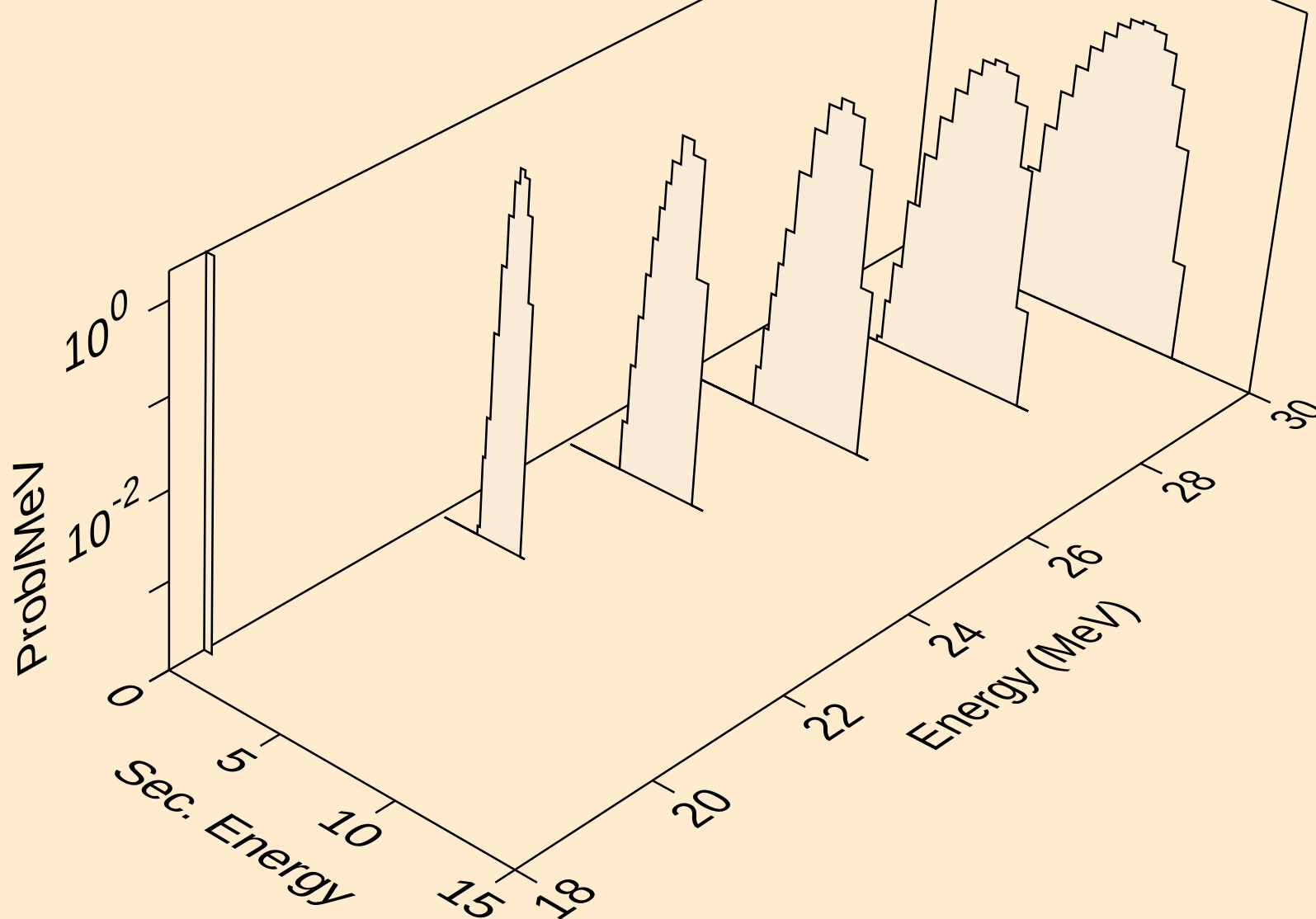
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



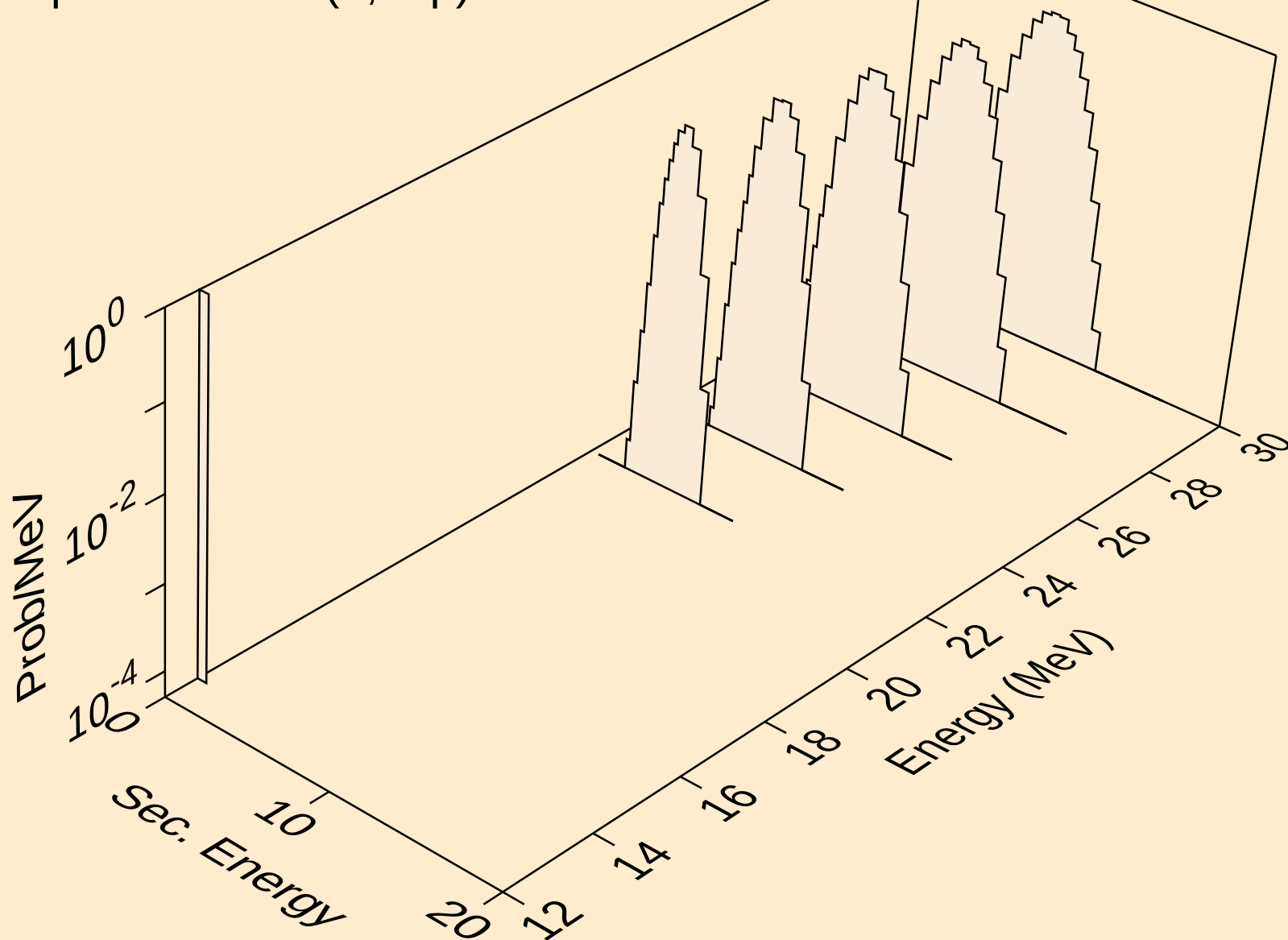
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2np)



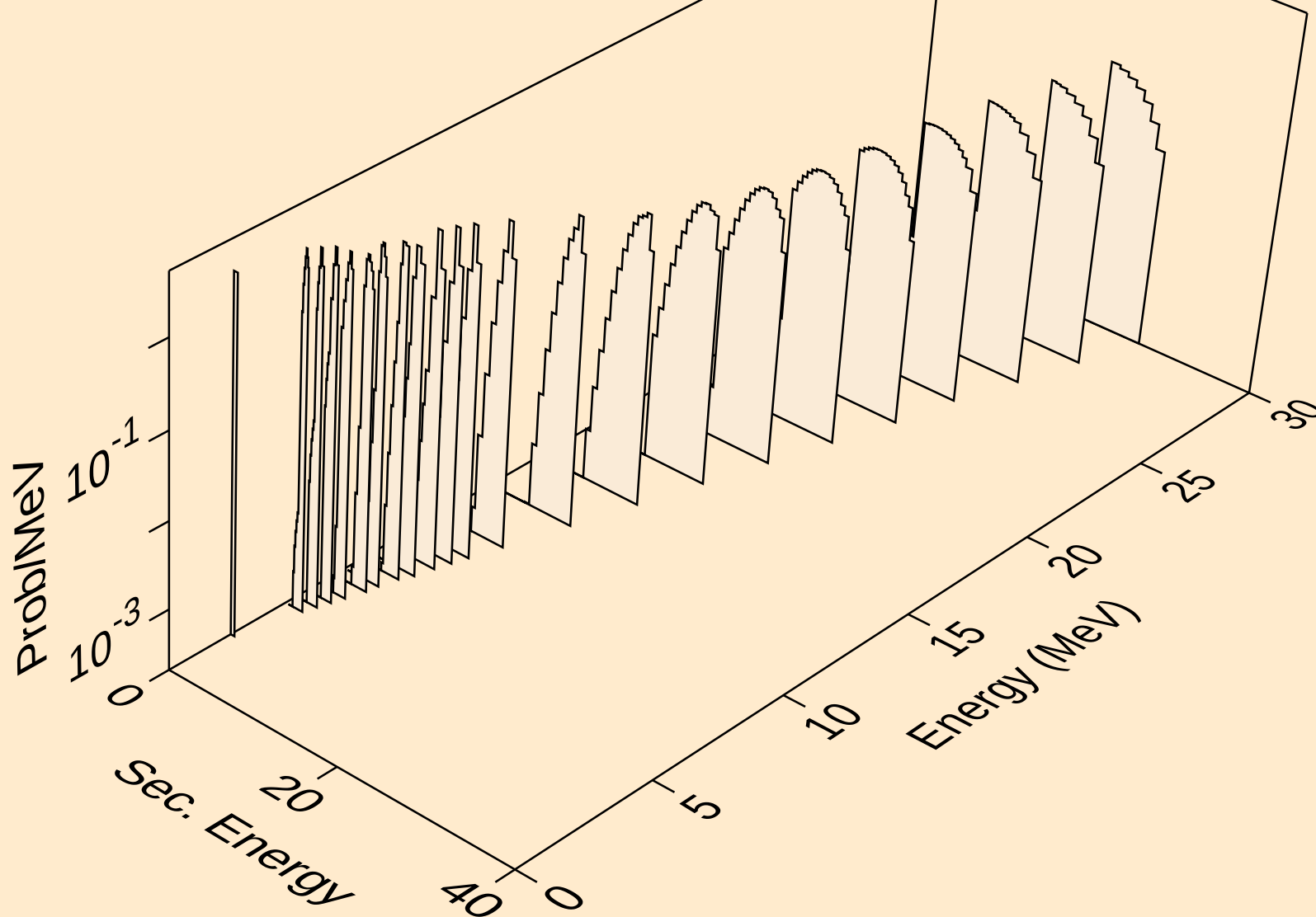
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protons from (n,3np)



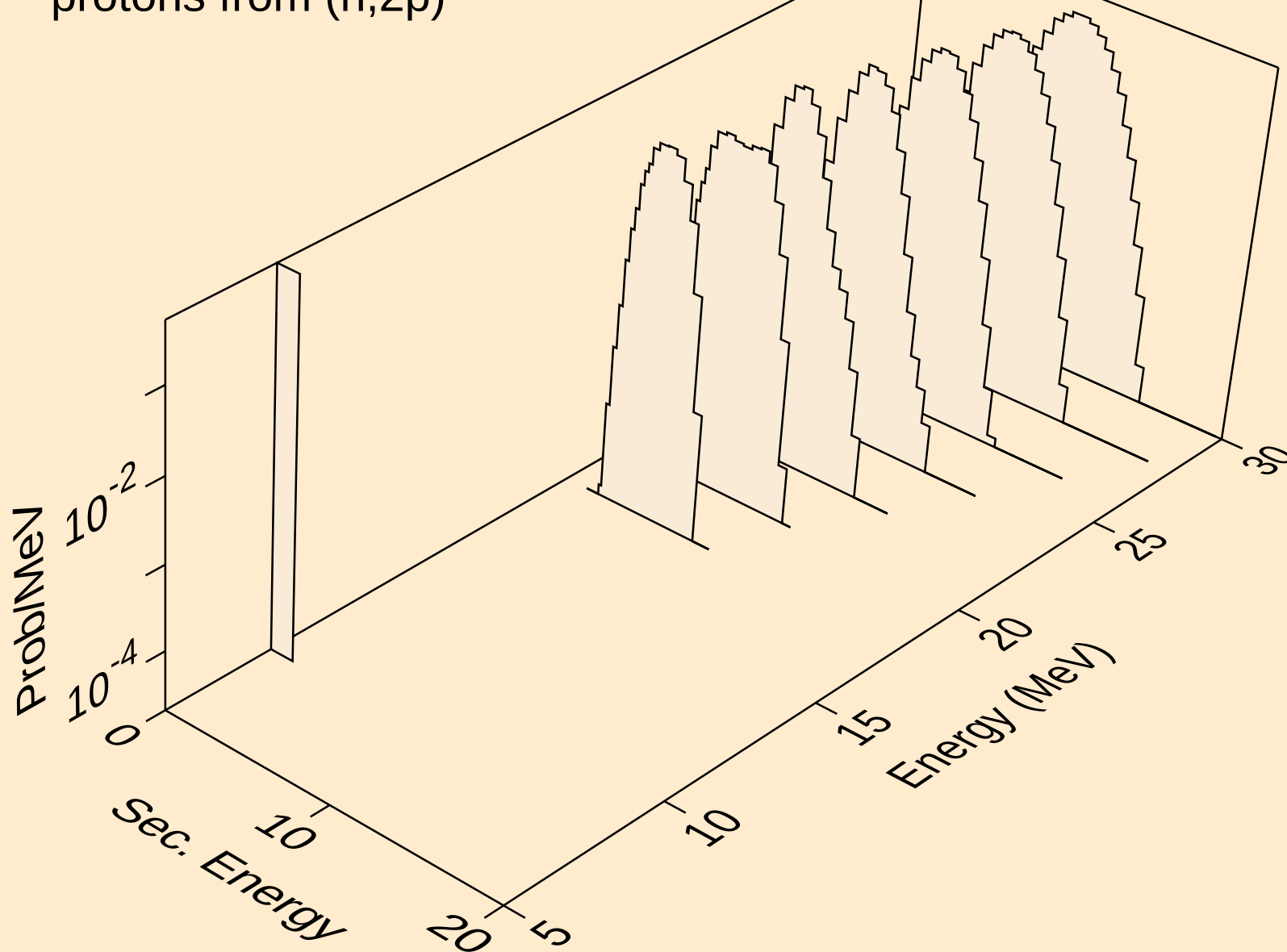
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protons from (n,n2p)



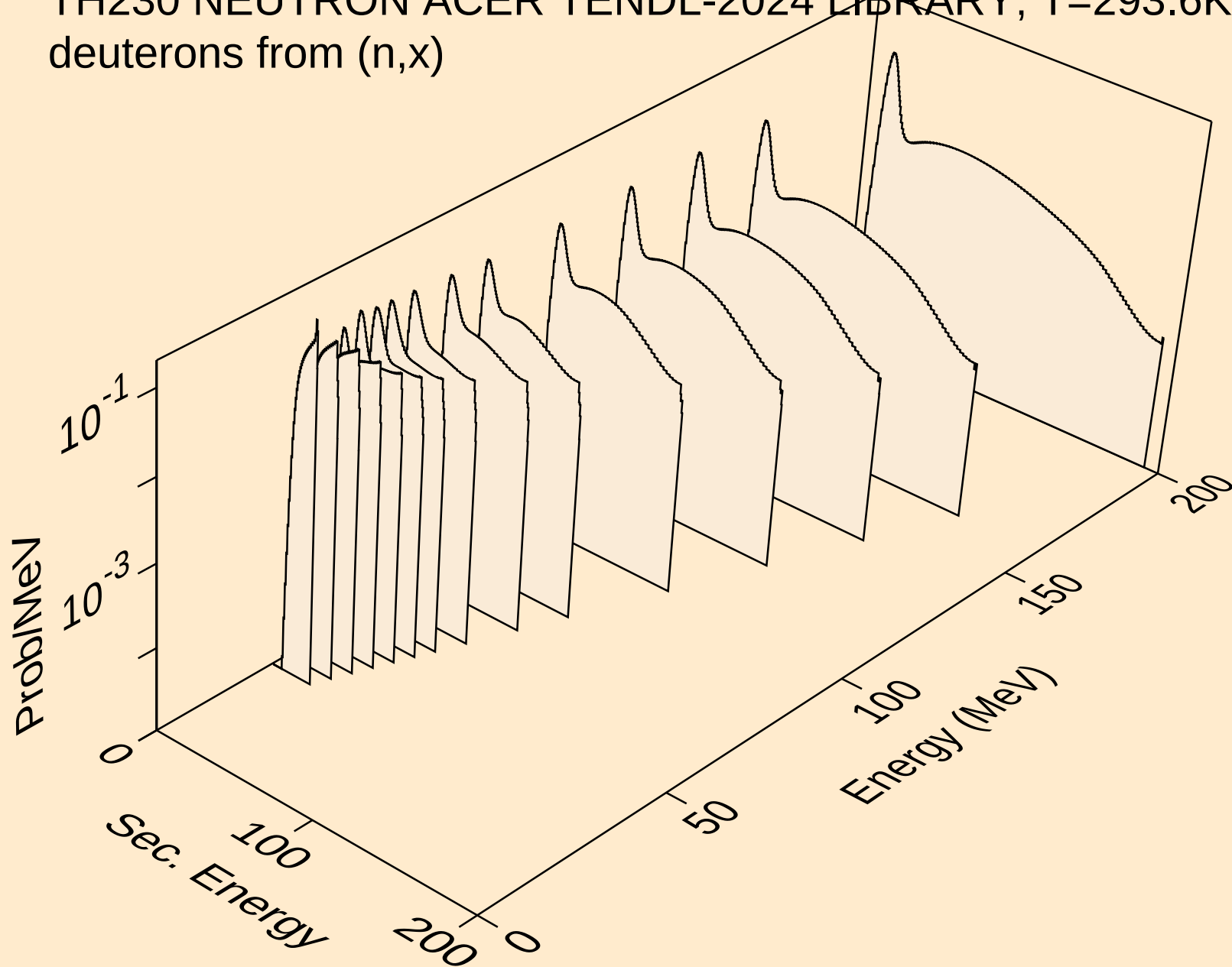
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protons from (n,p)



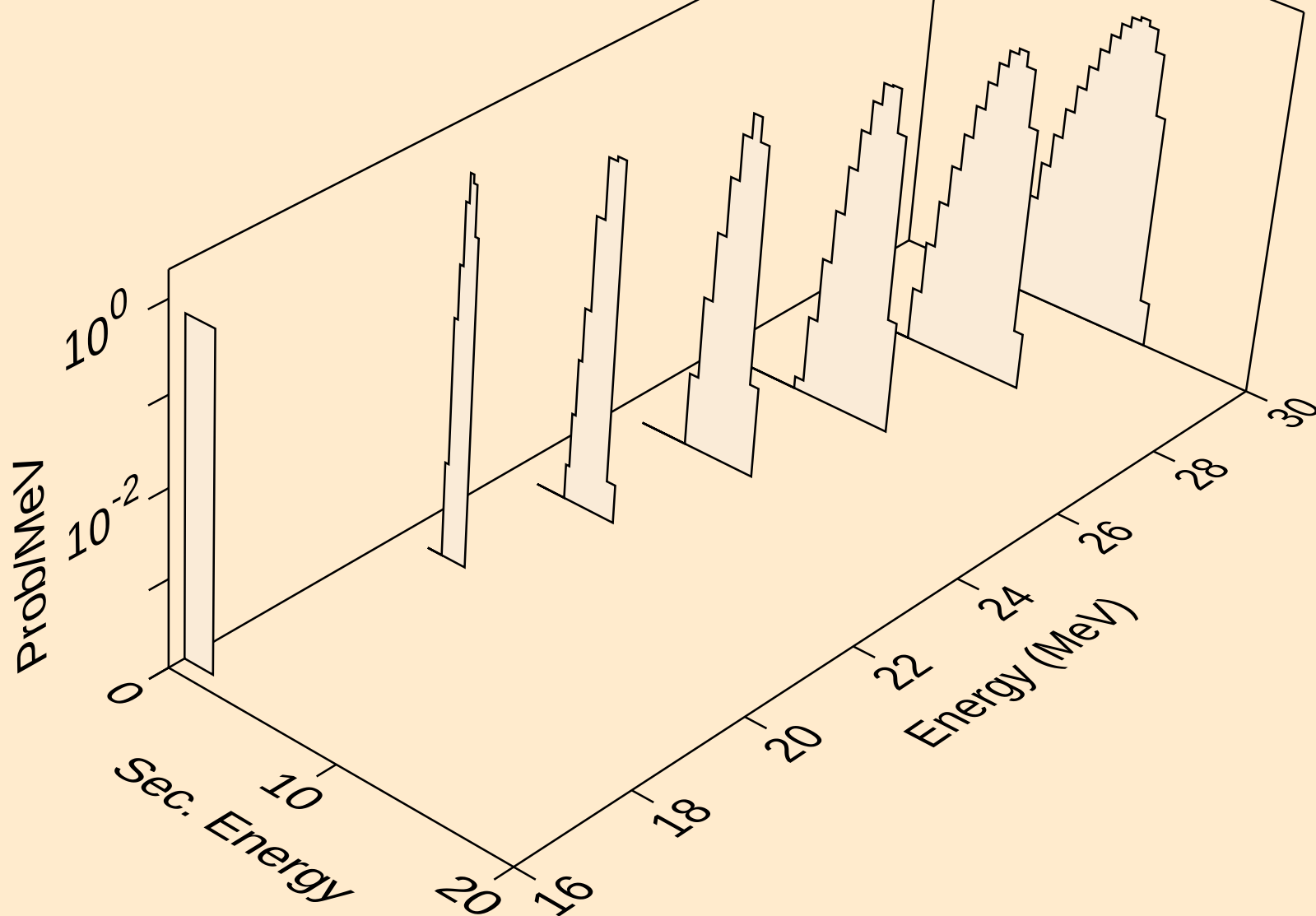
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protons from (n,2p)



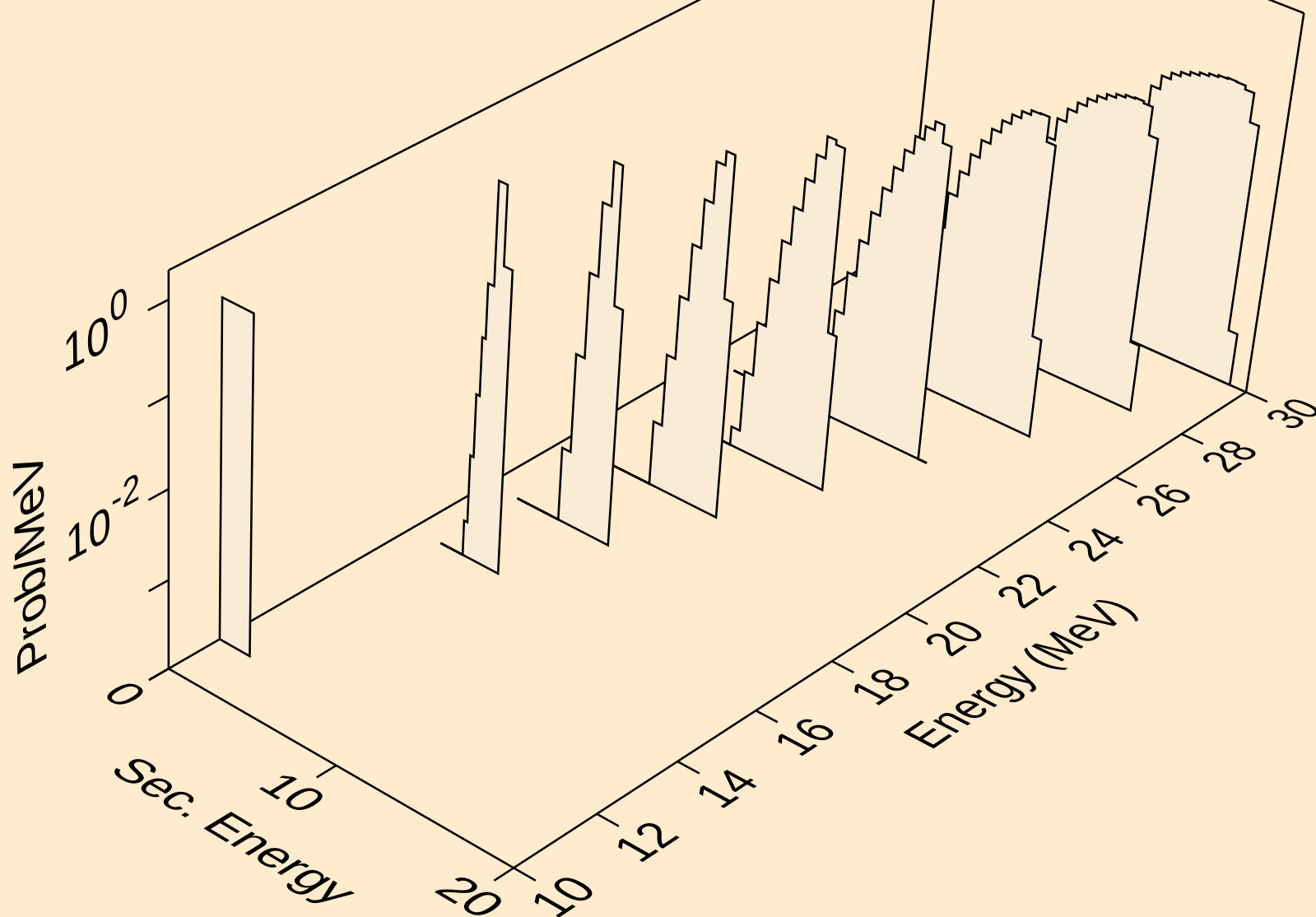
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deuterons from (n,x)



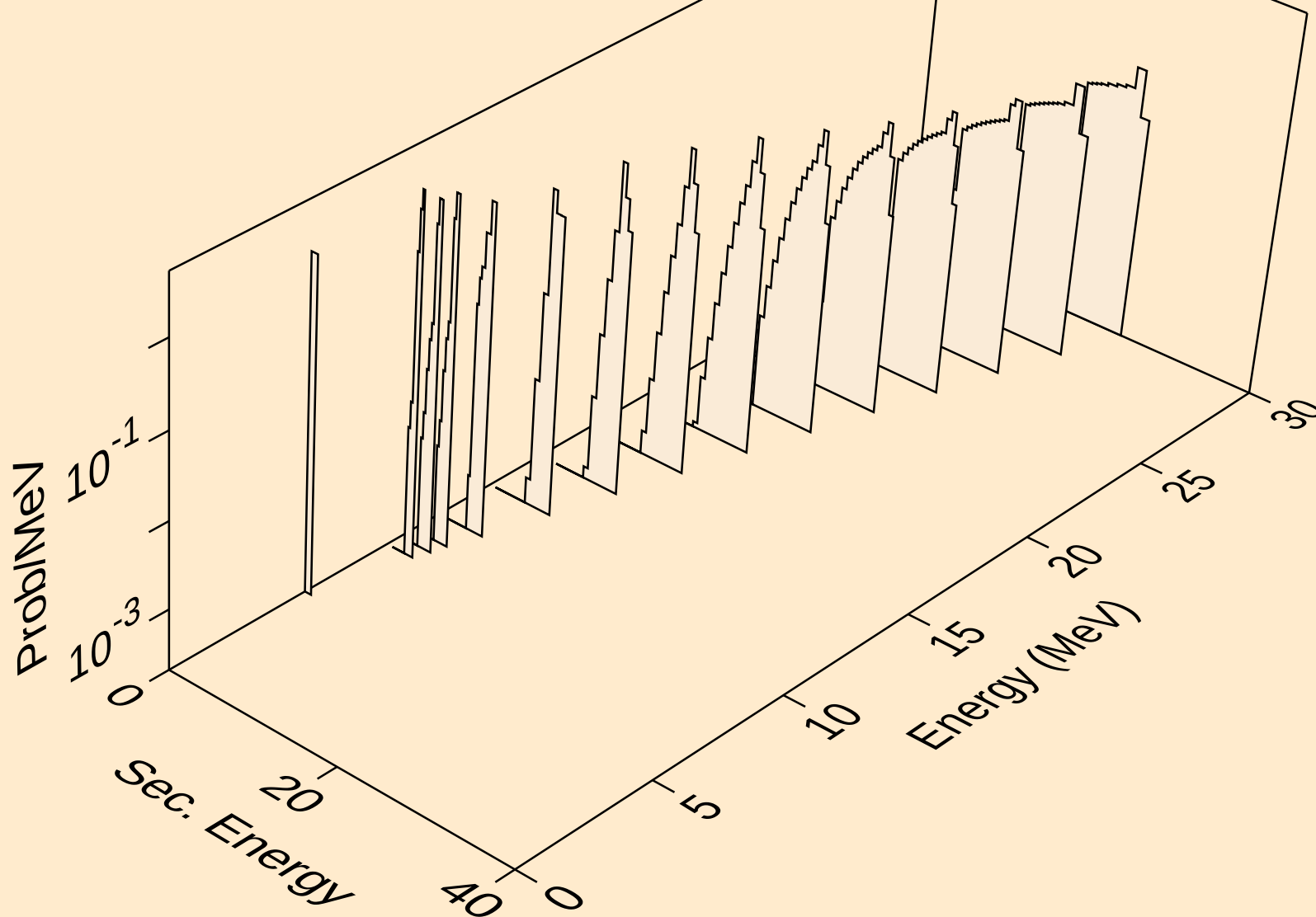
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deuterons from (n,2nd)



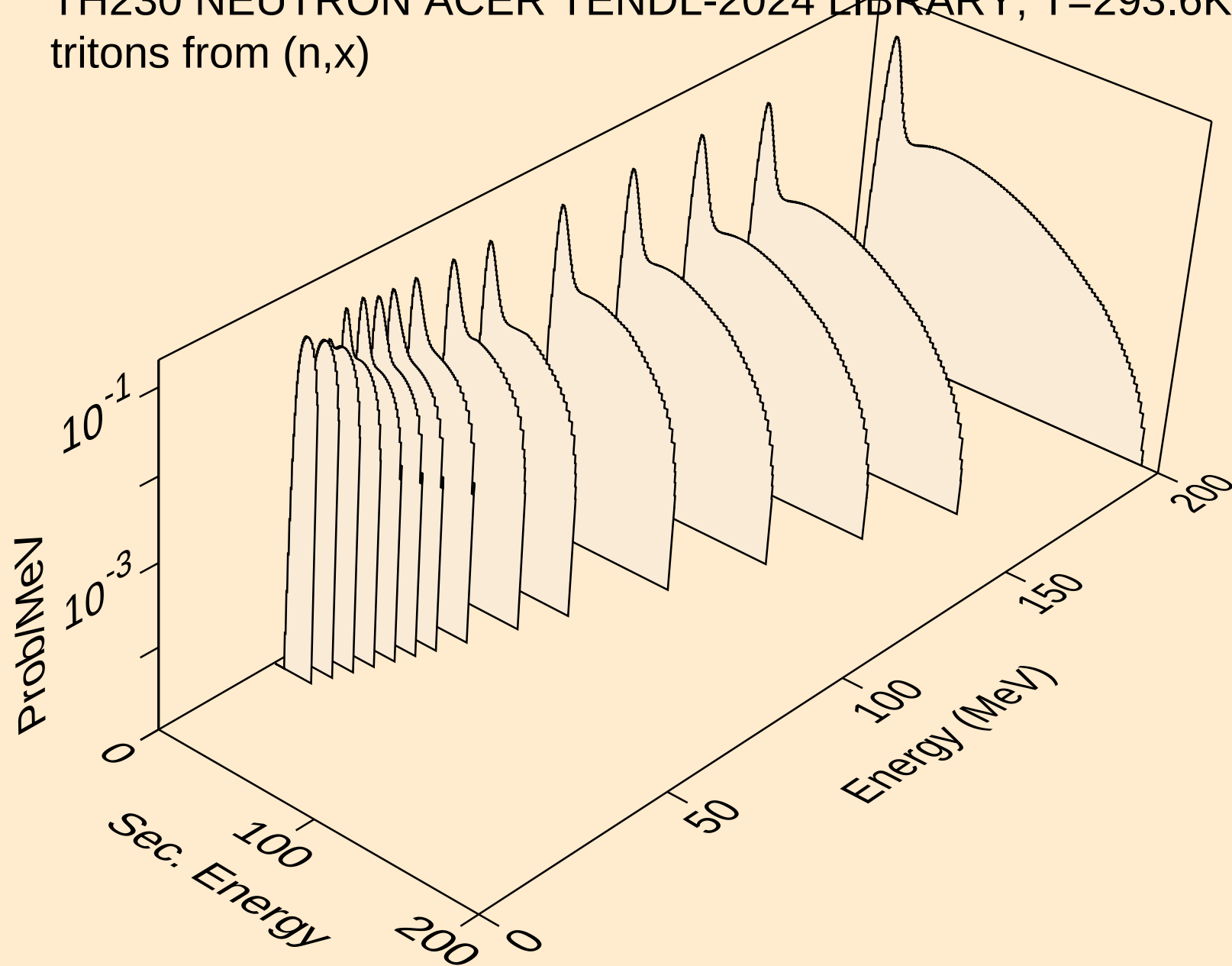
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



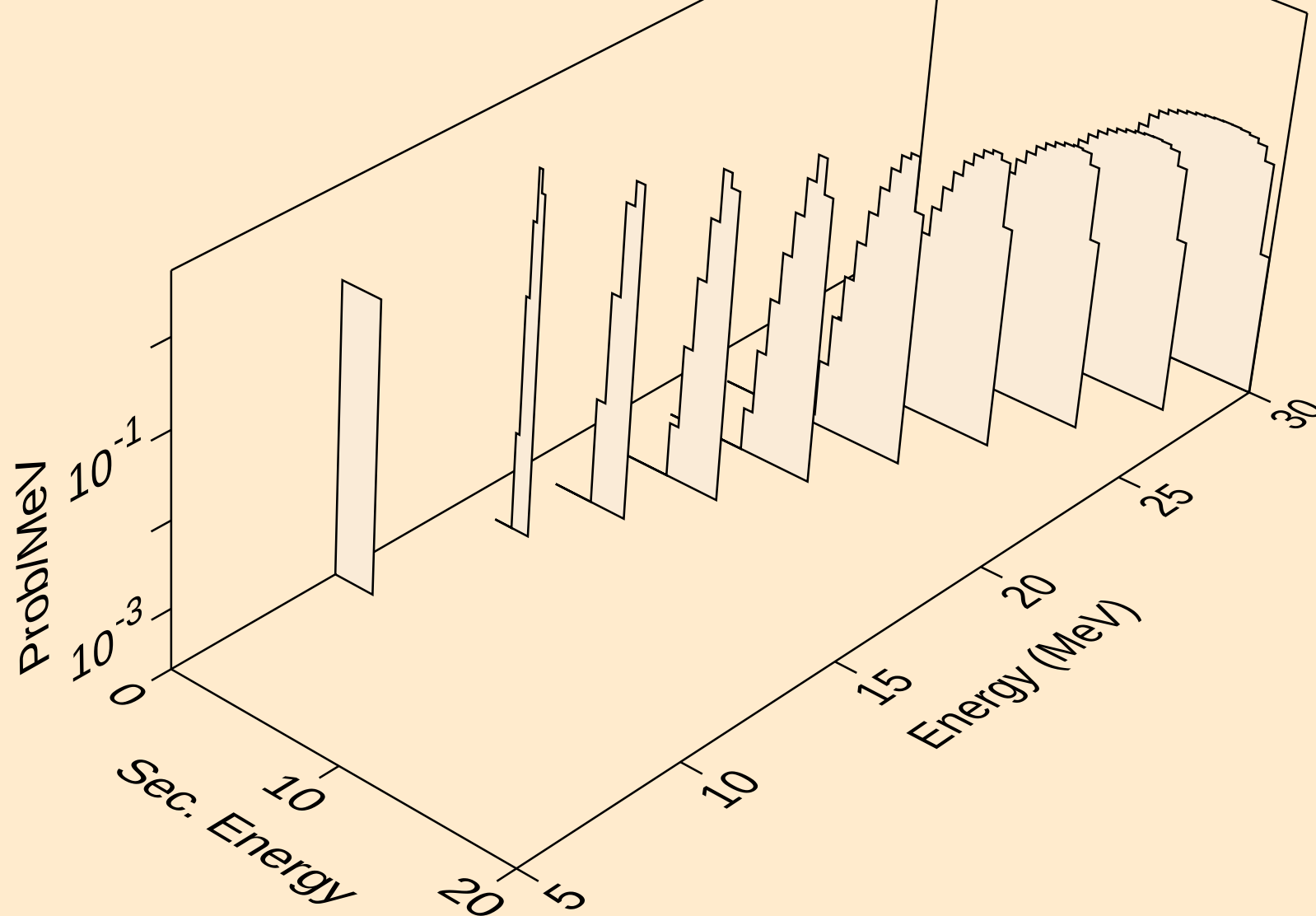
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deuterons from (n,d)



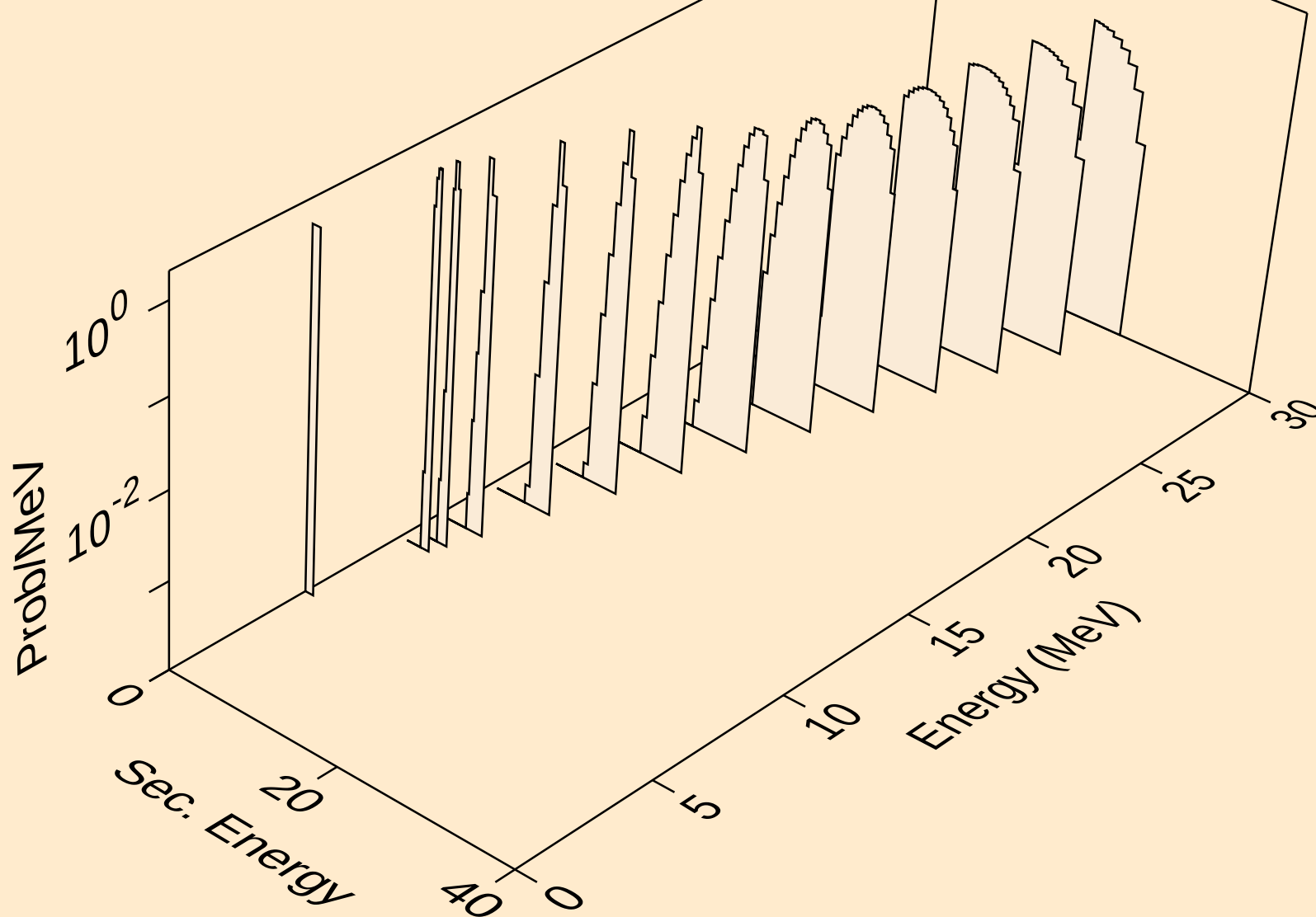
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



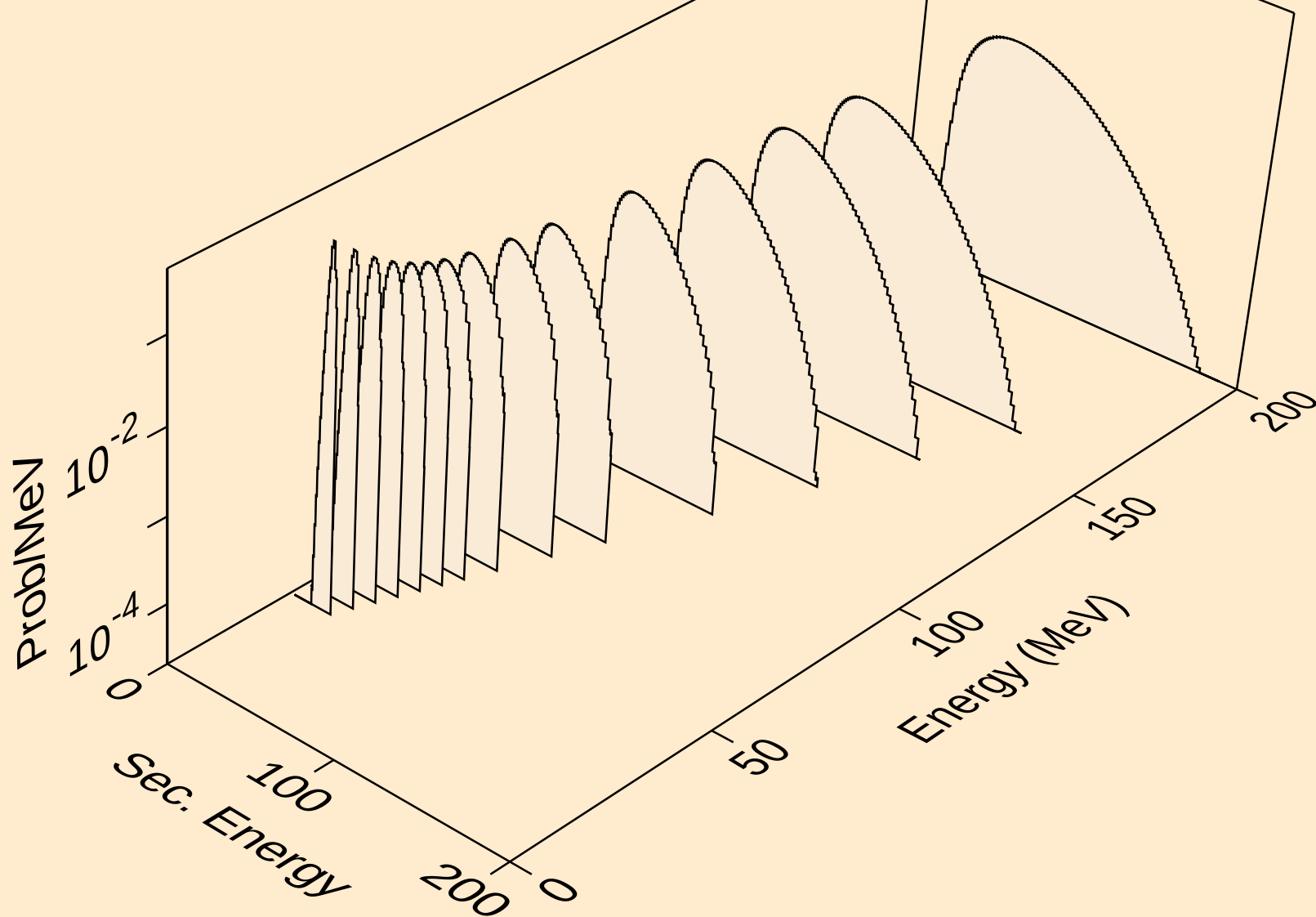
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



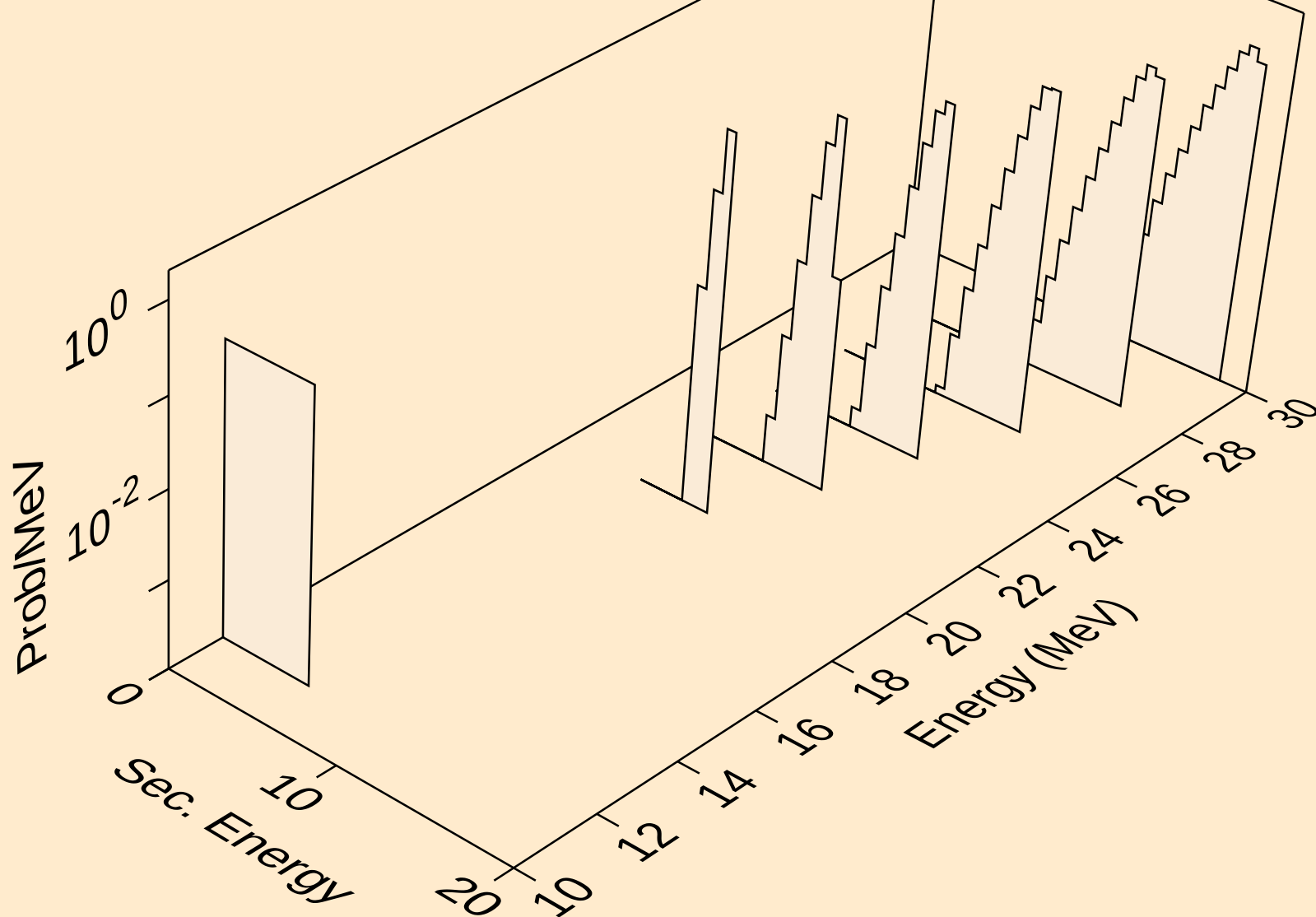
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,t)



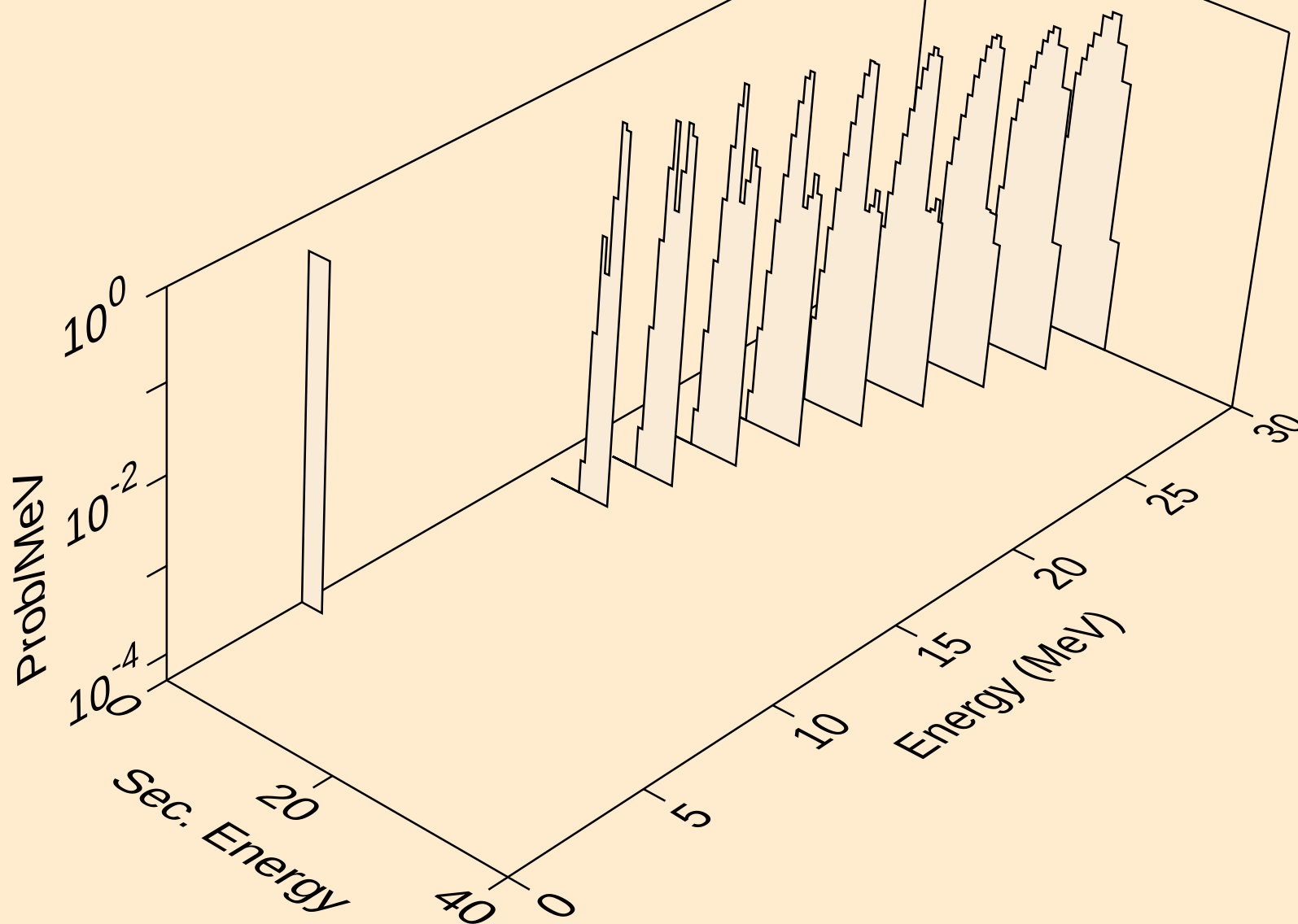
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



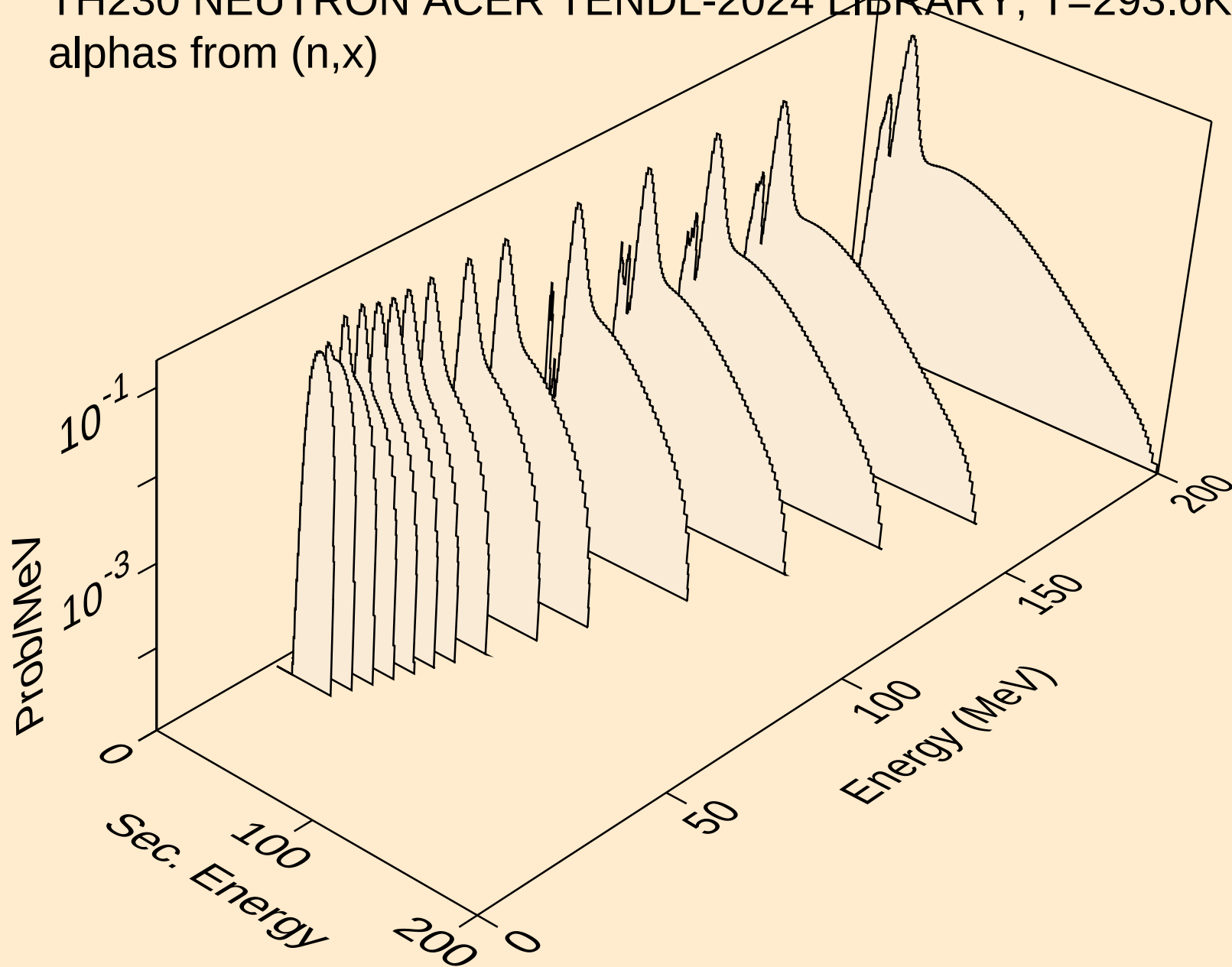
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



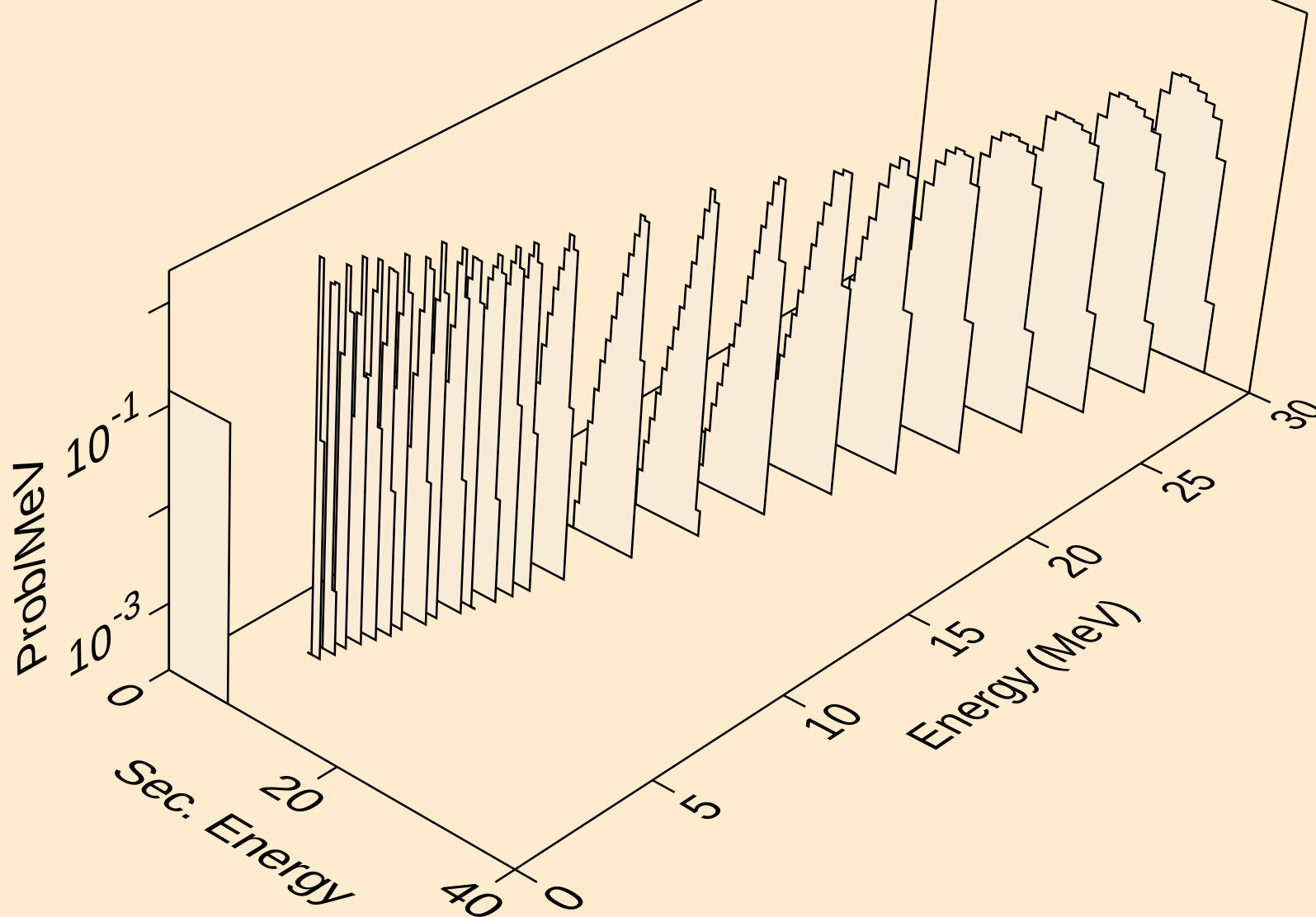
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,he3)



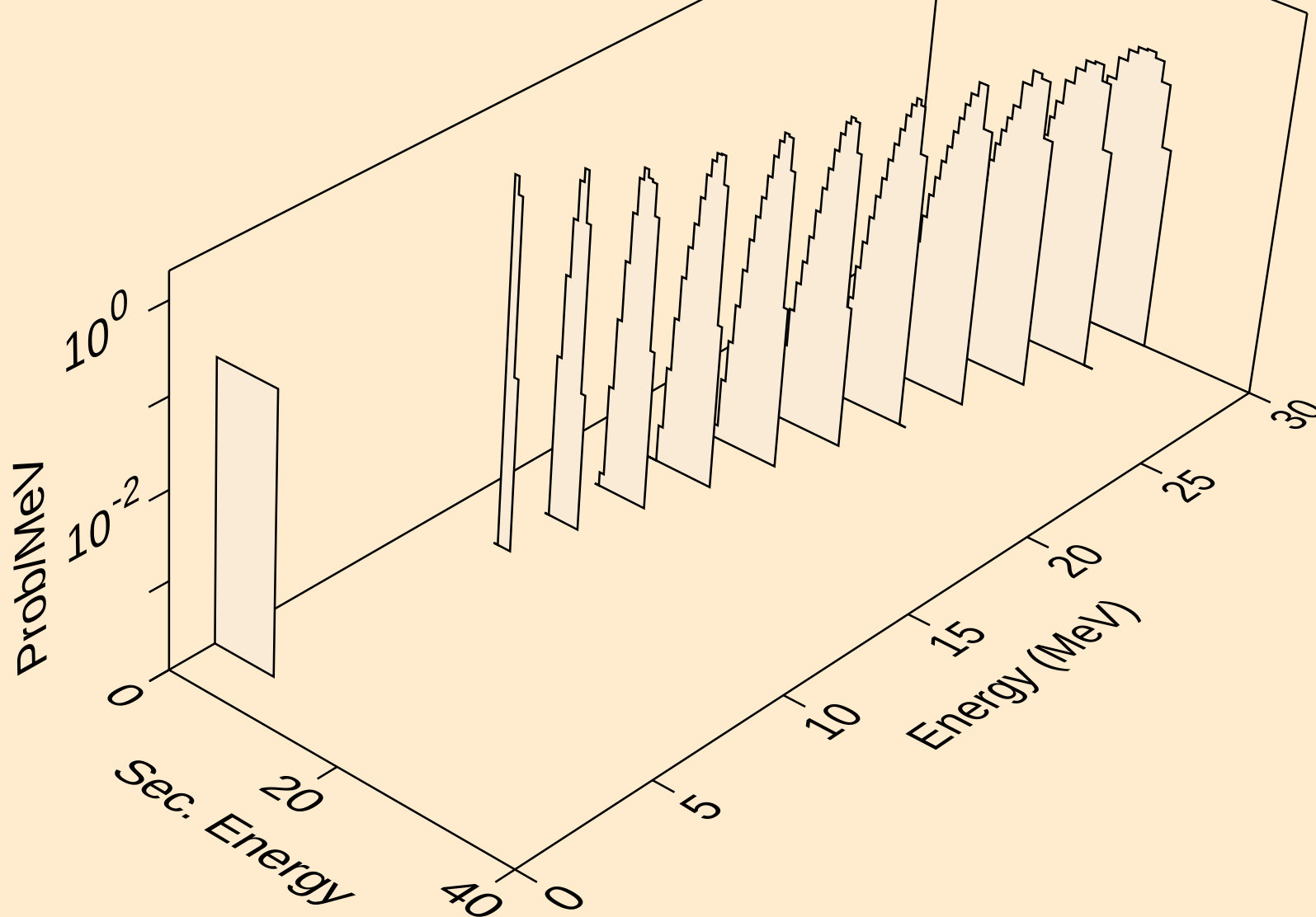
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



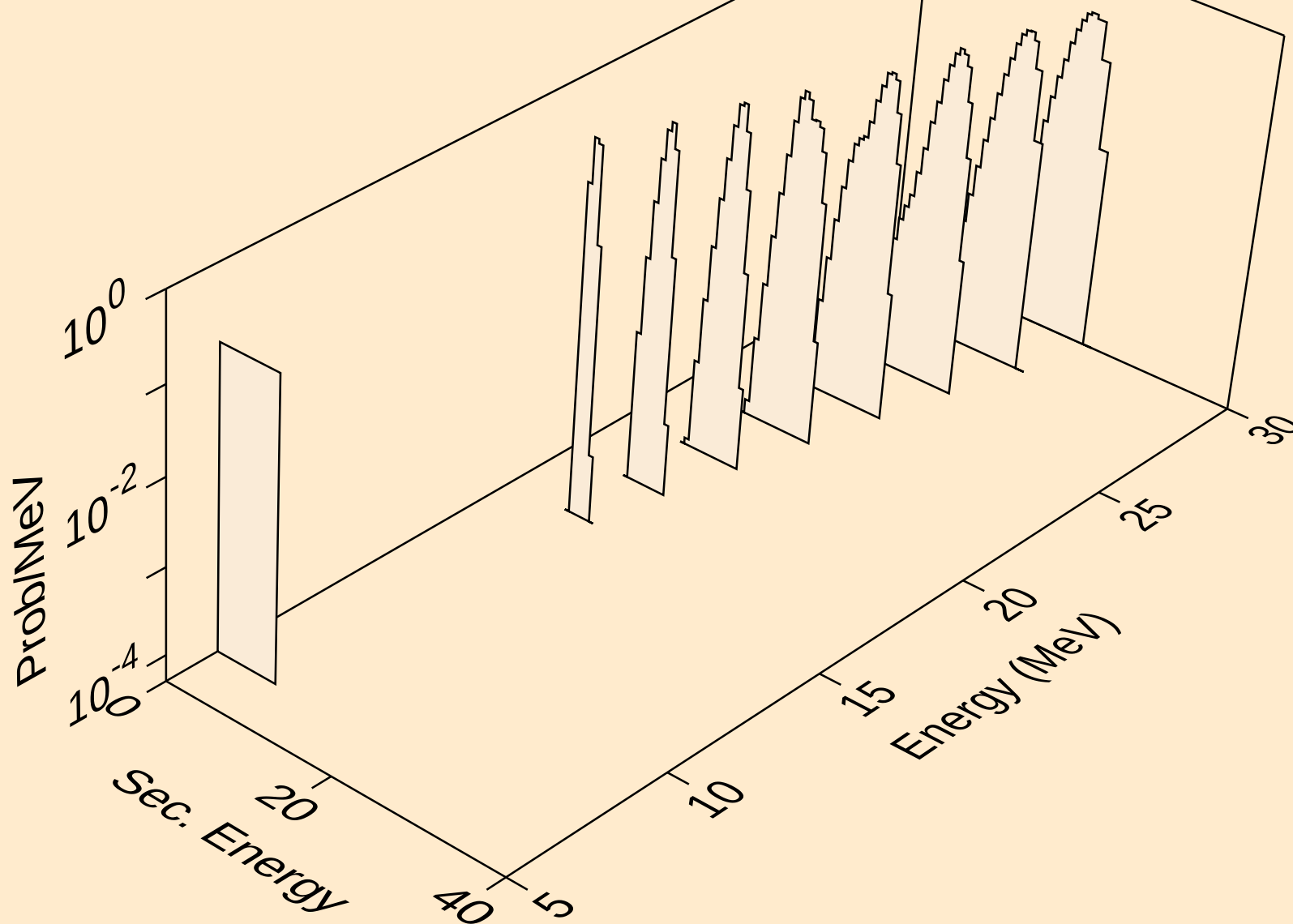
TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3n)a



TH230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)

