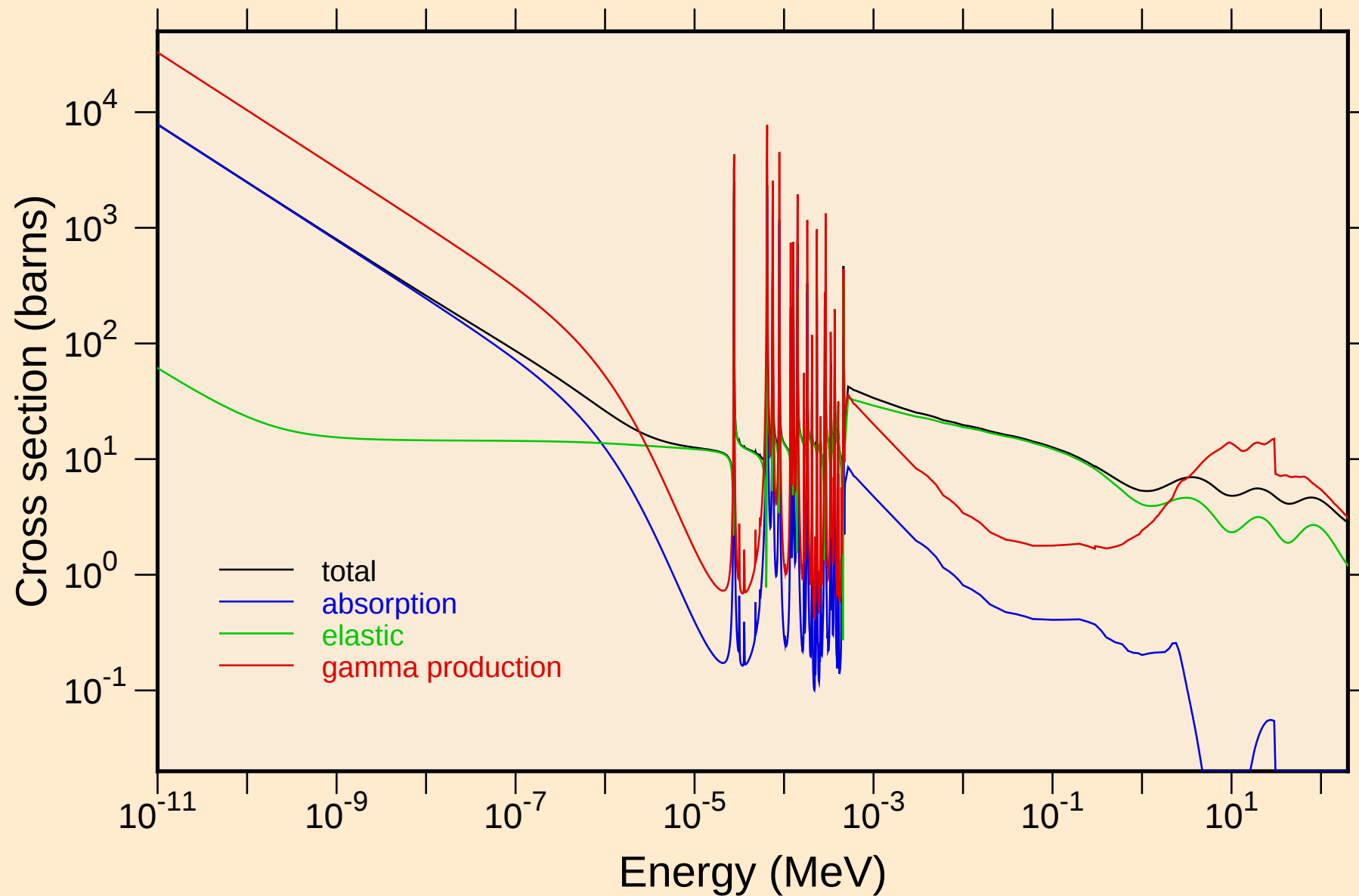
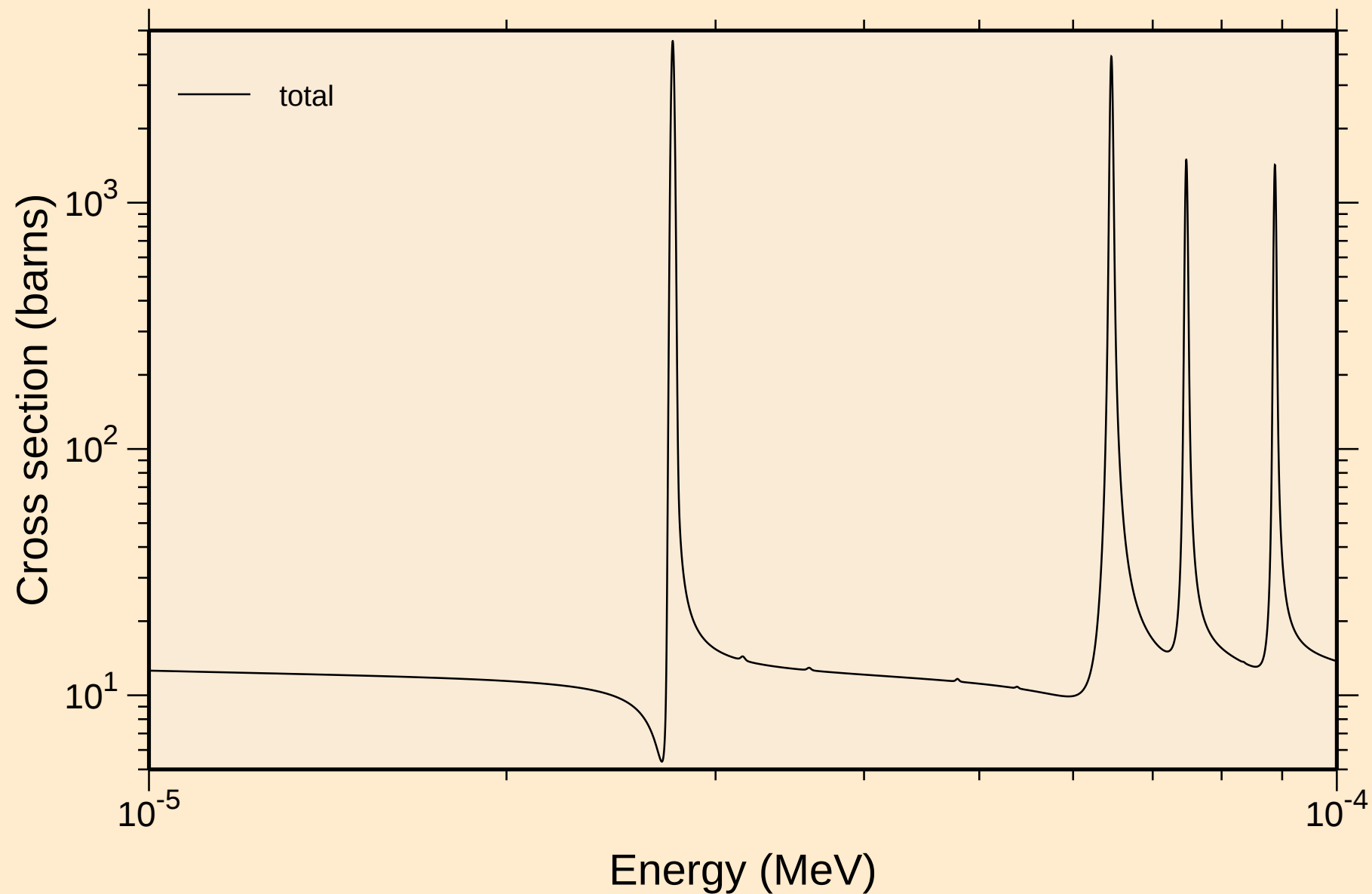


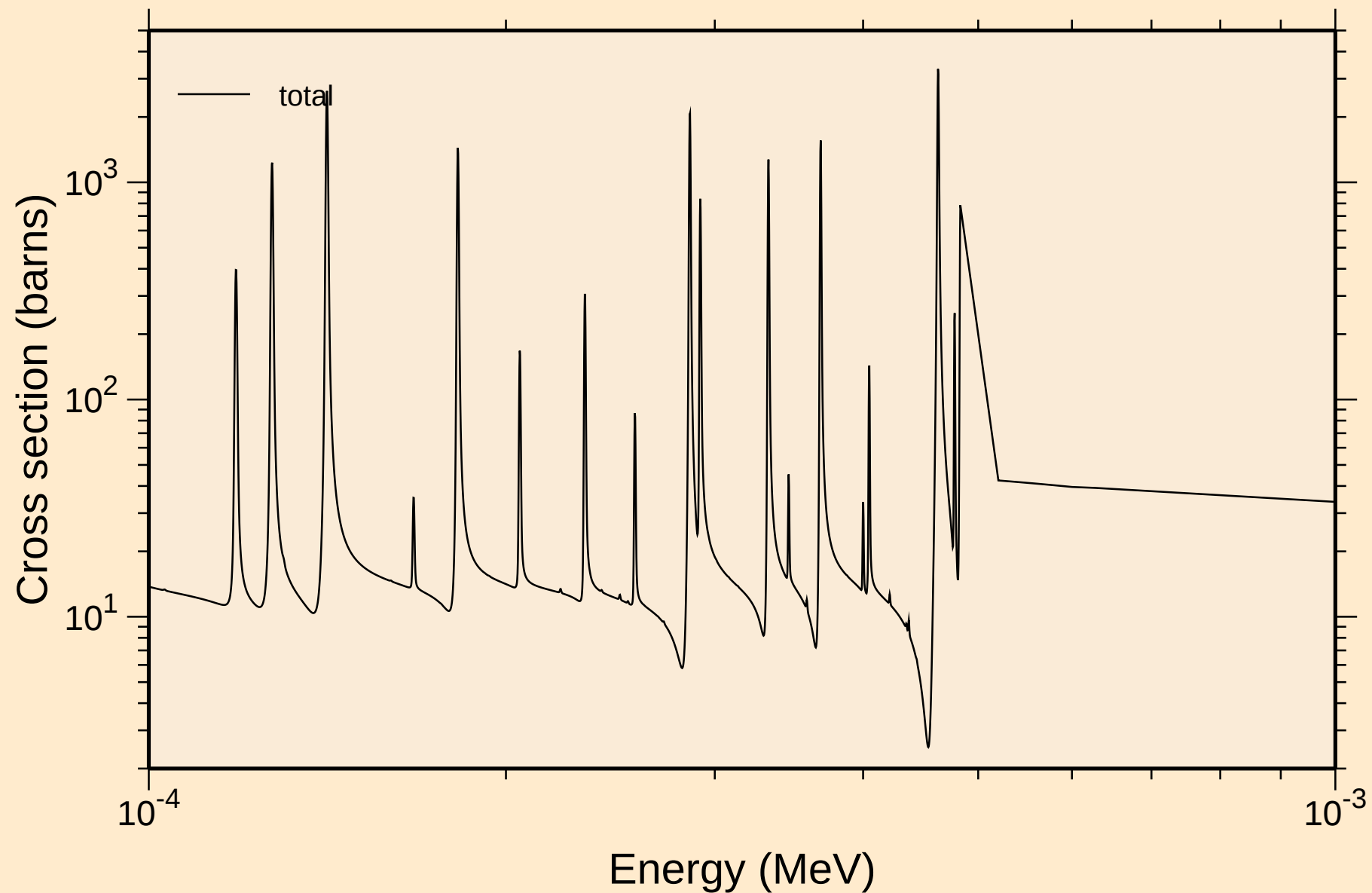
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Principal cross sections



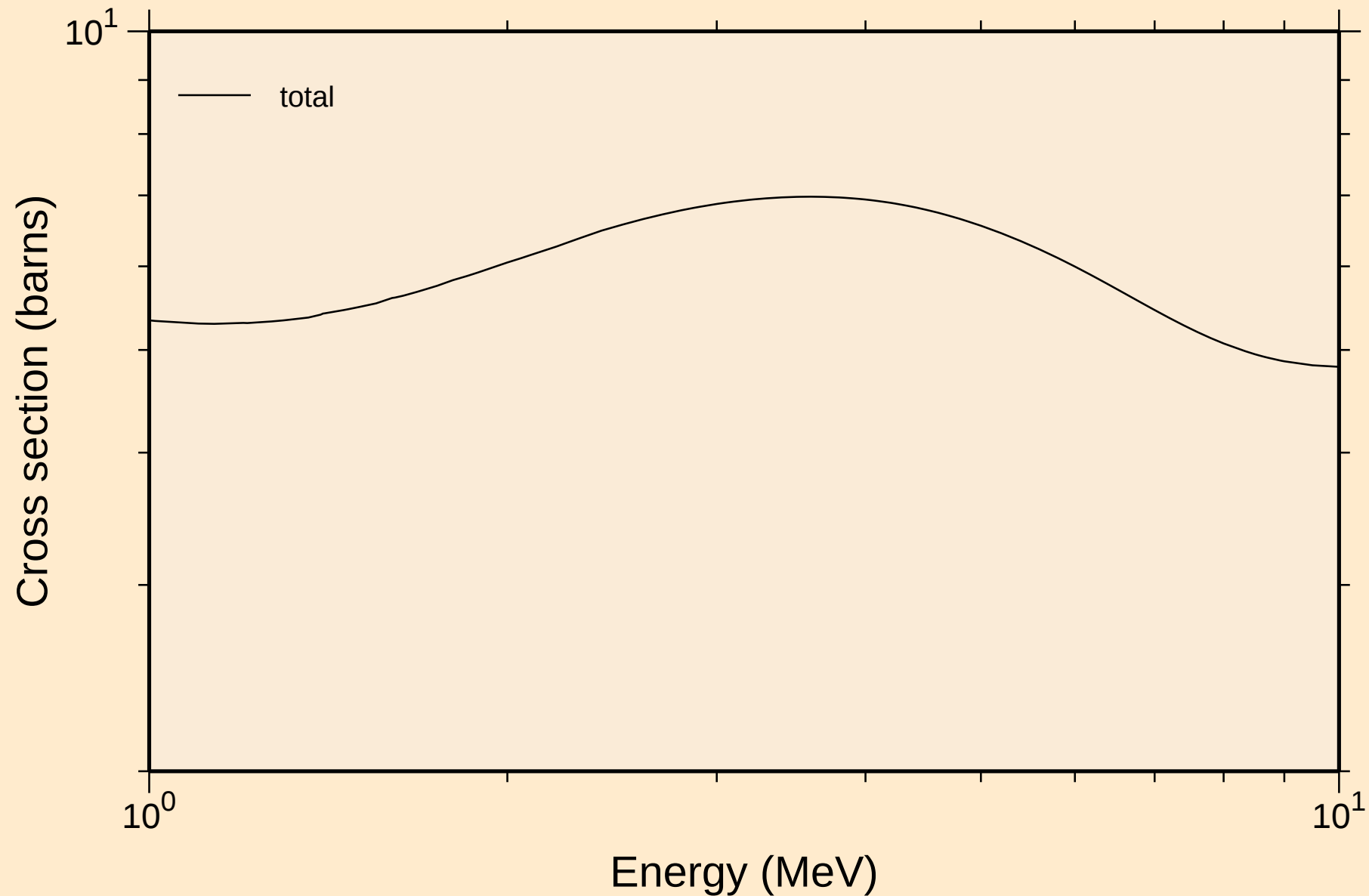
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



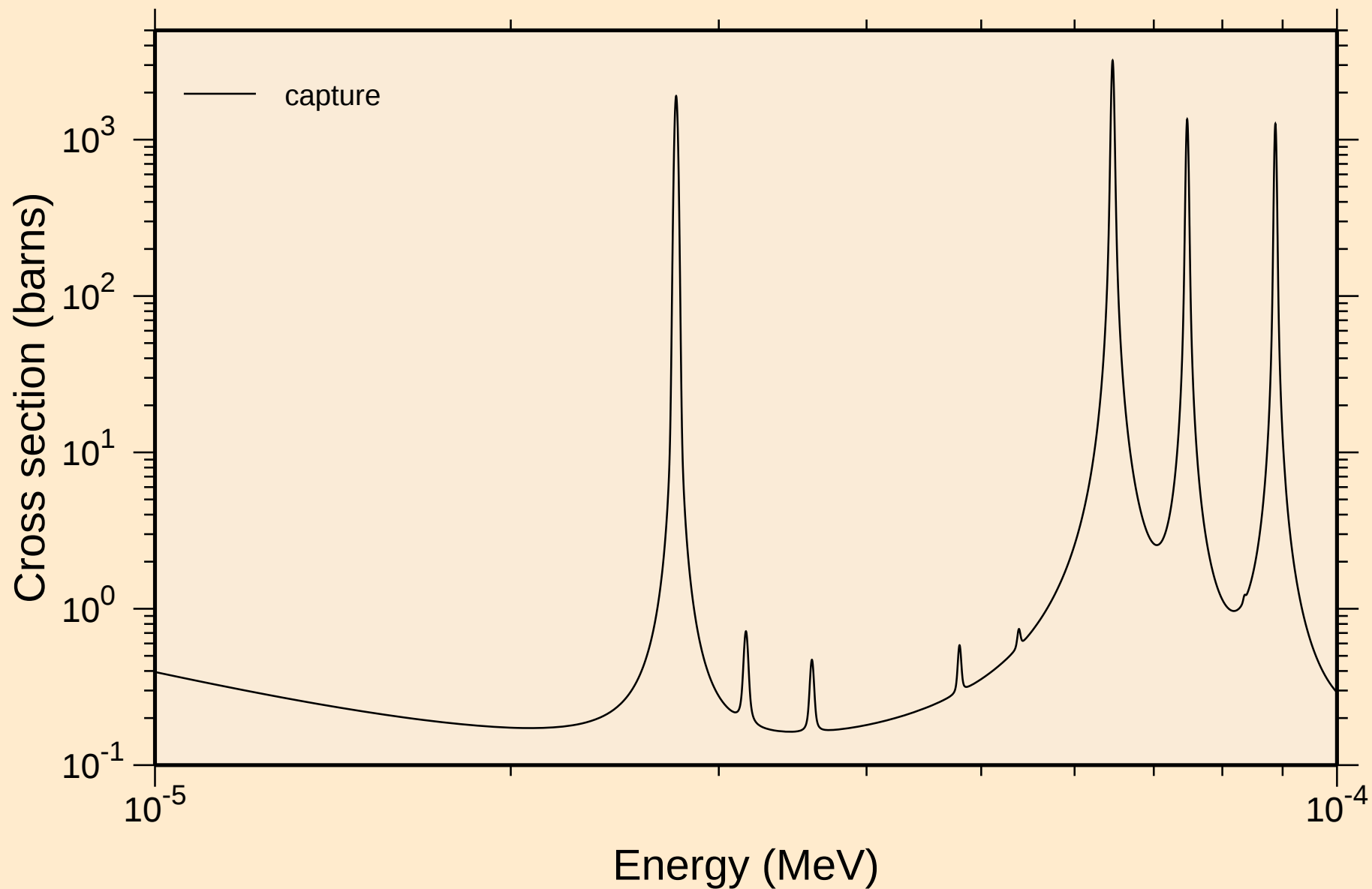
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



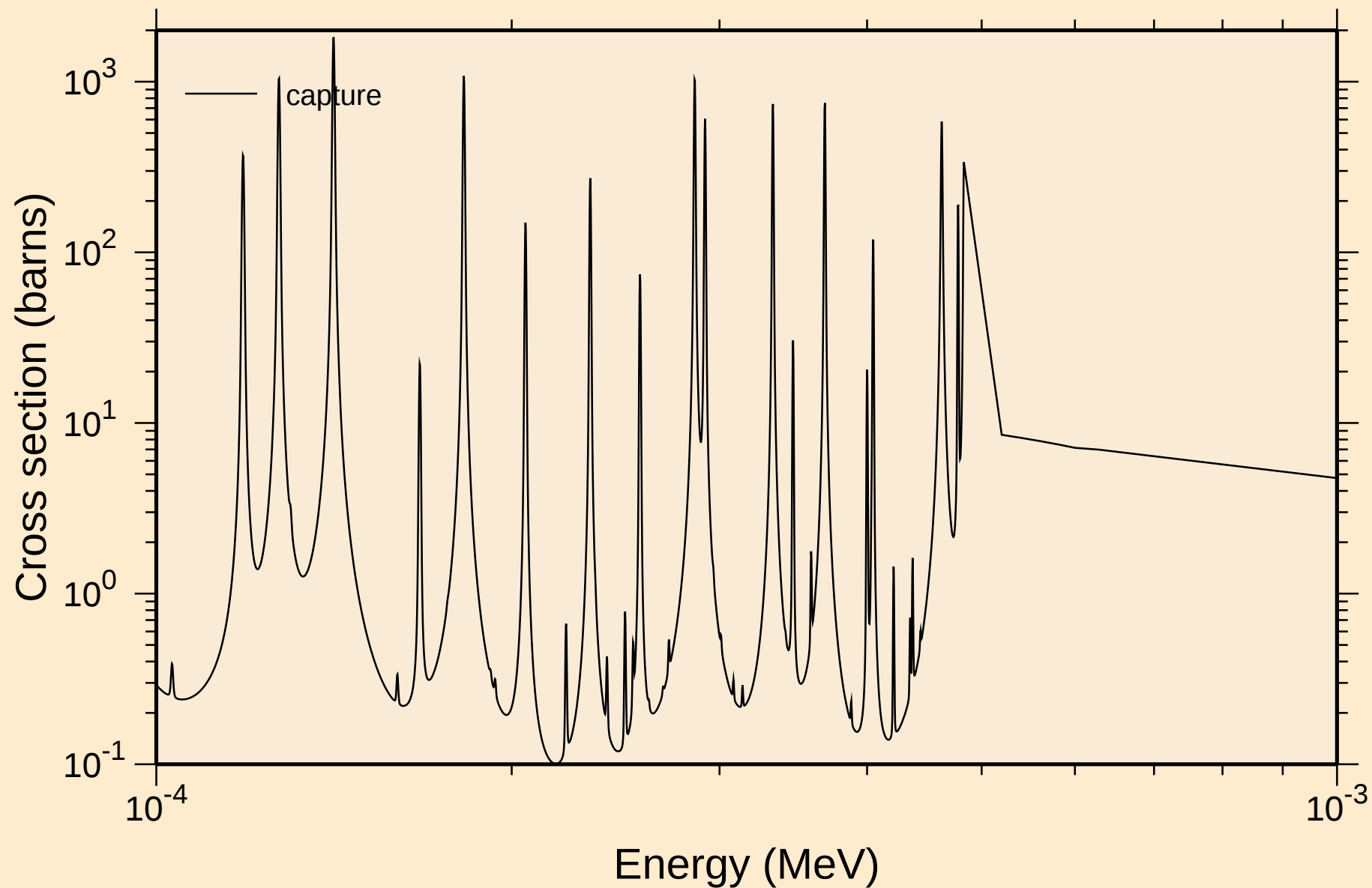
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



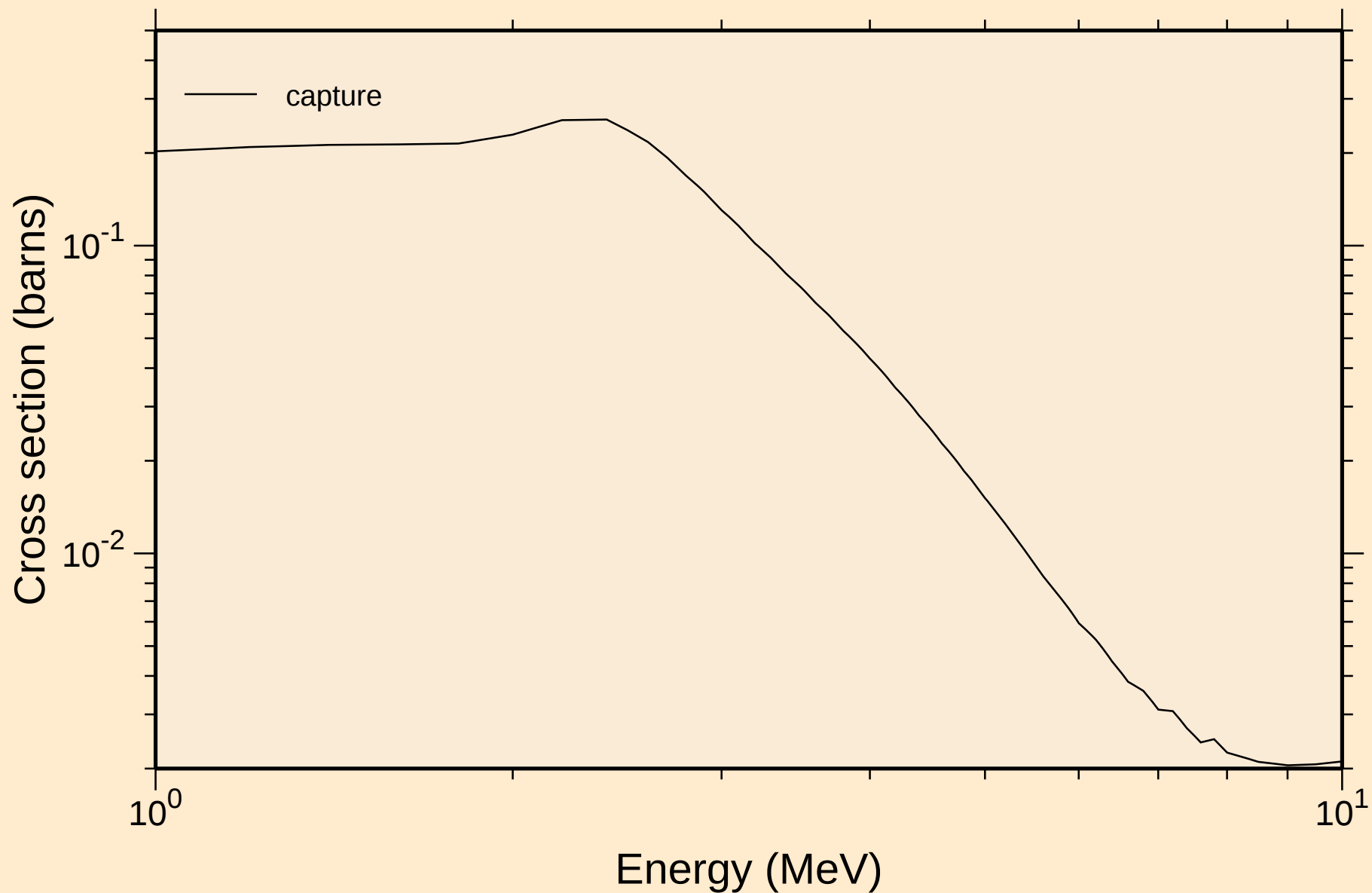
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections

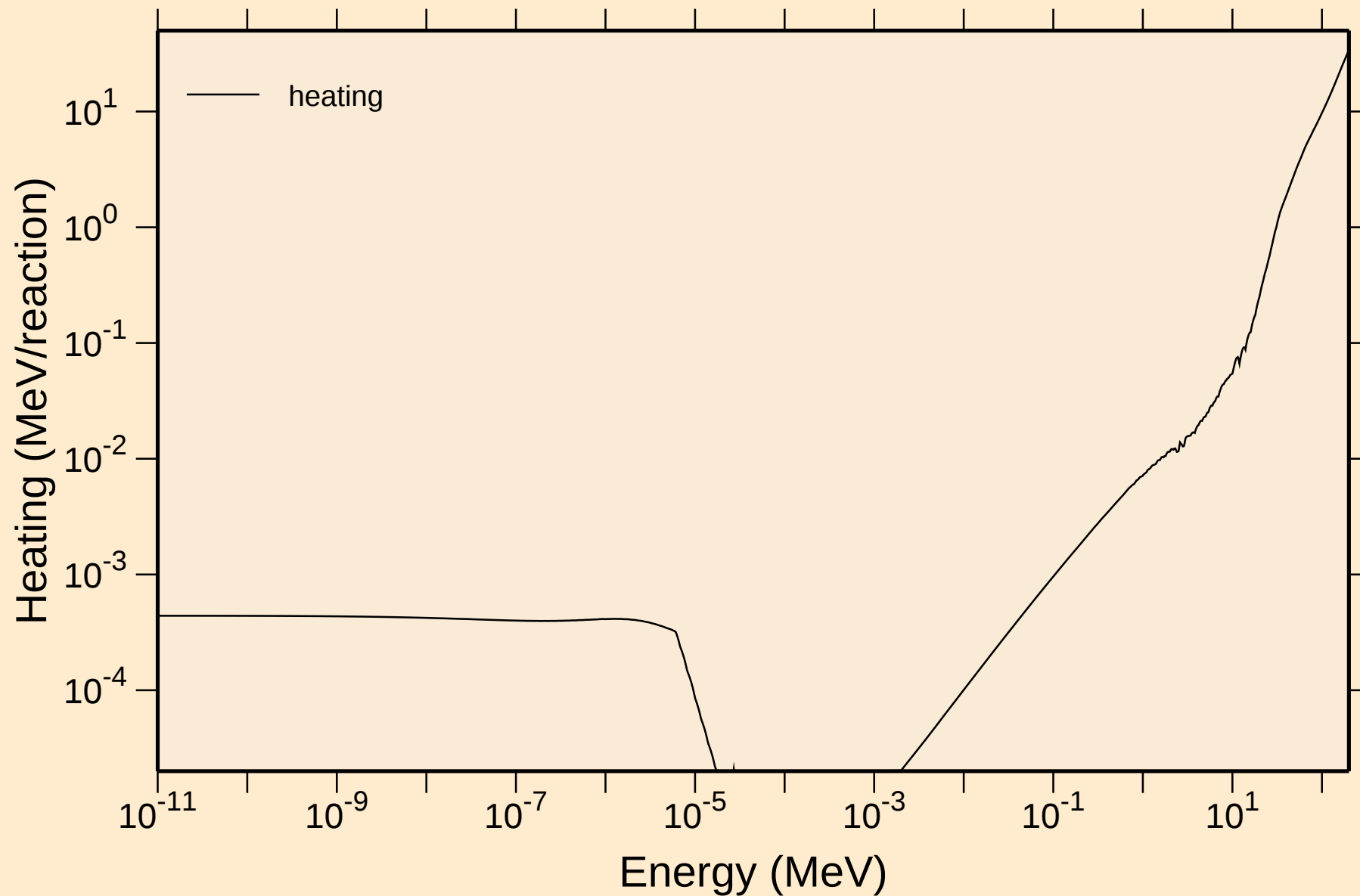


PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



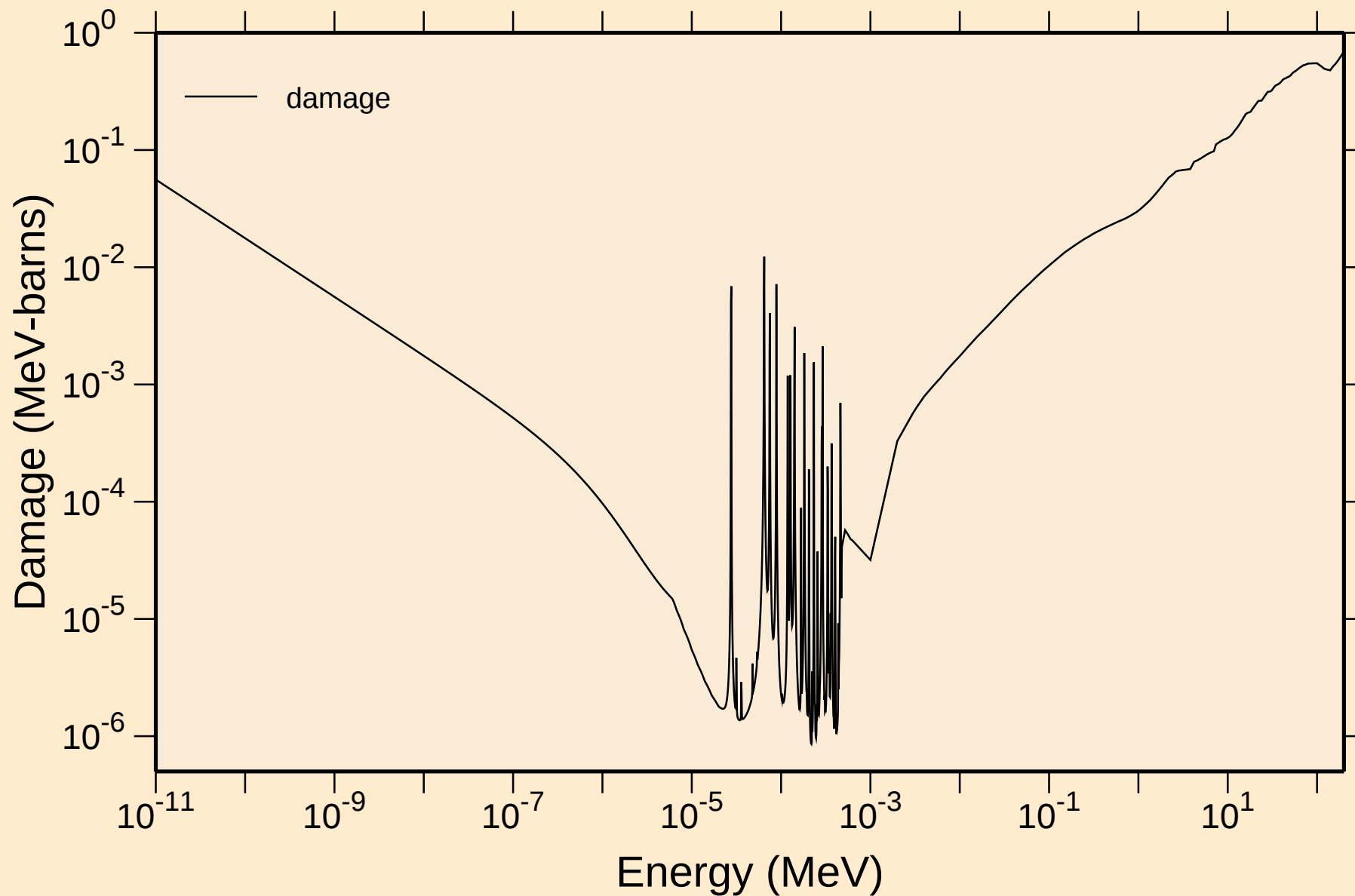
# PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Heating

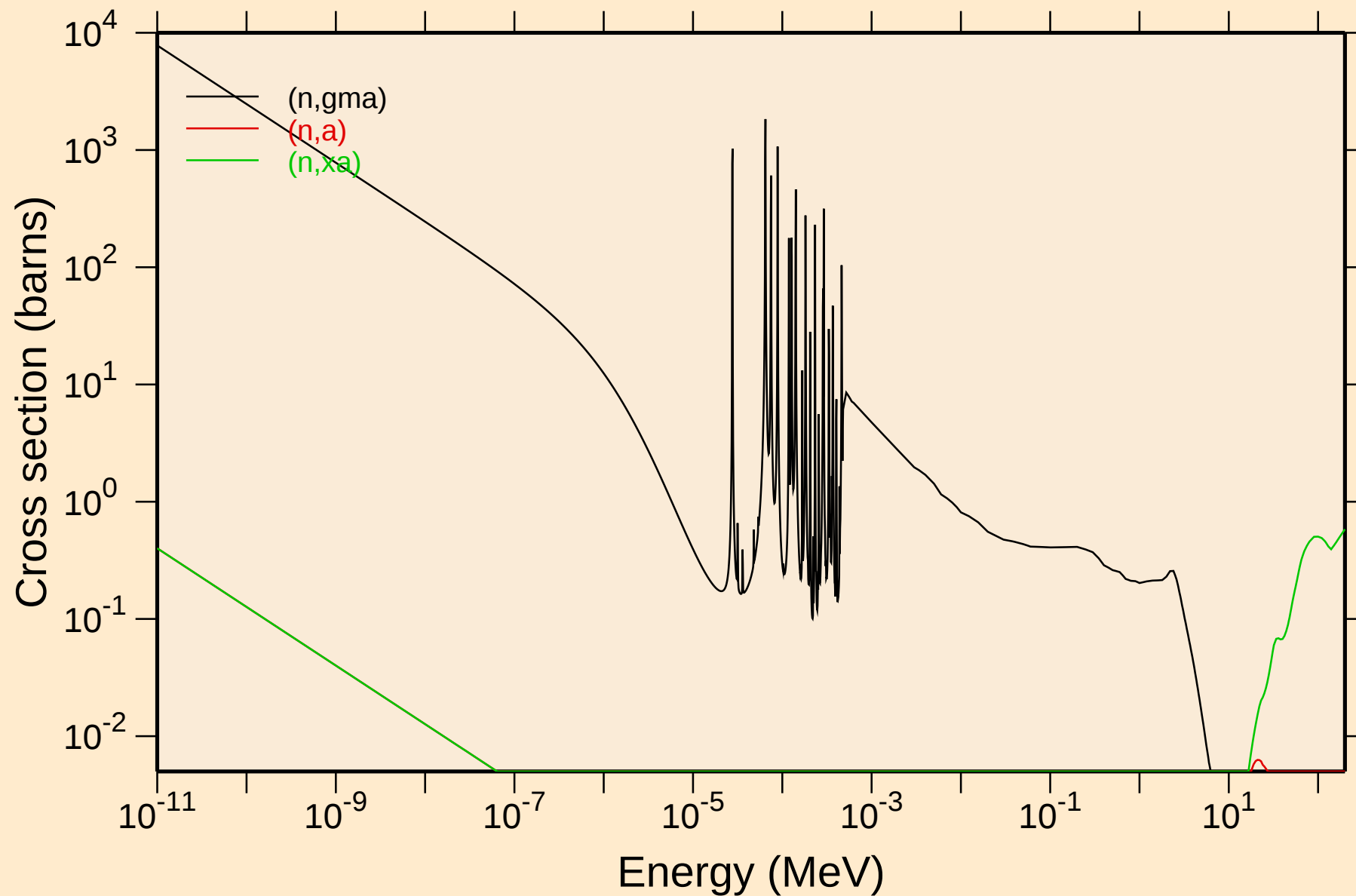


# PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Damage

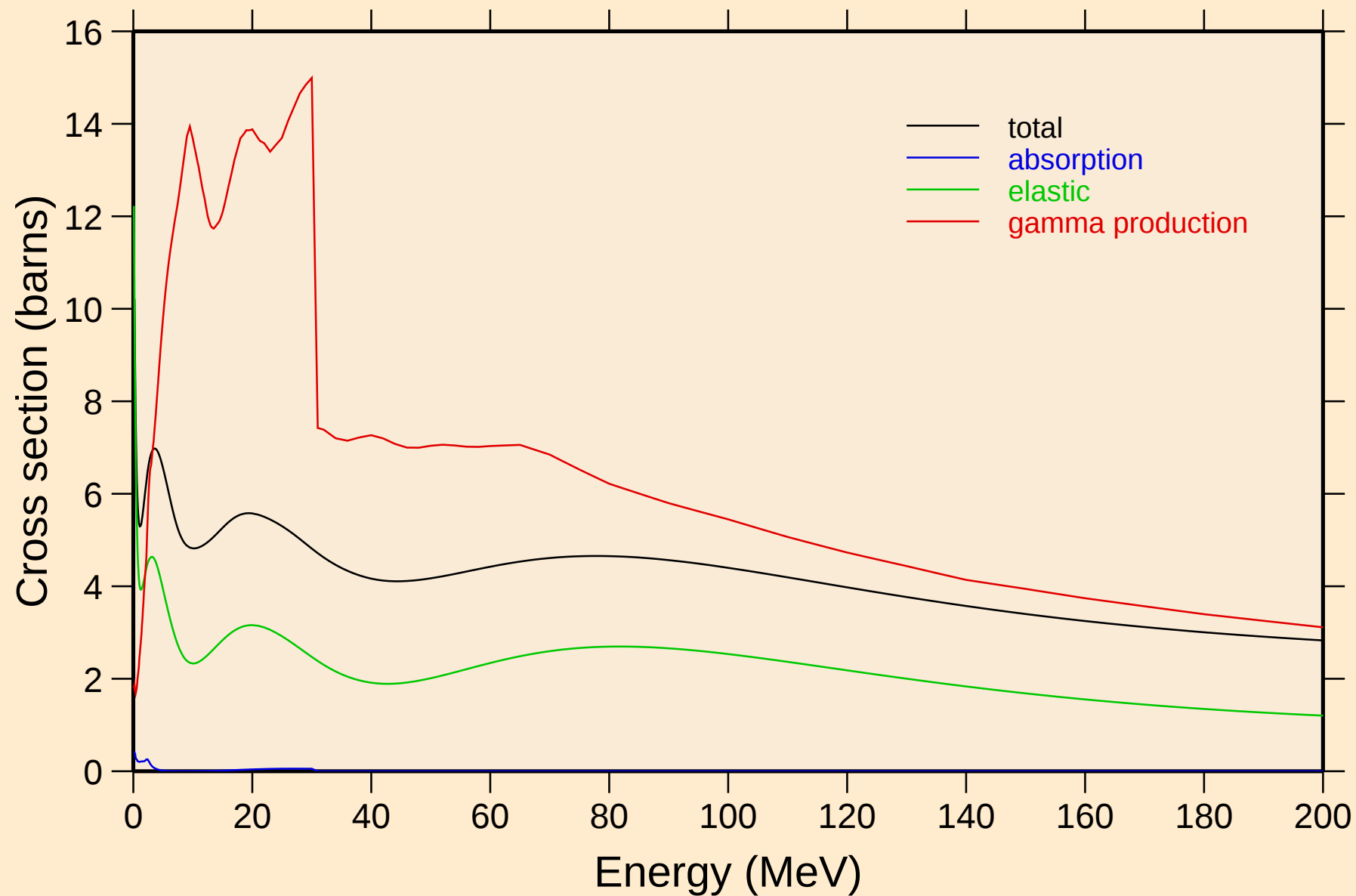


PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



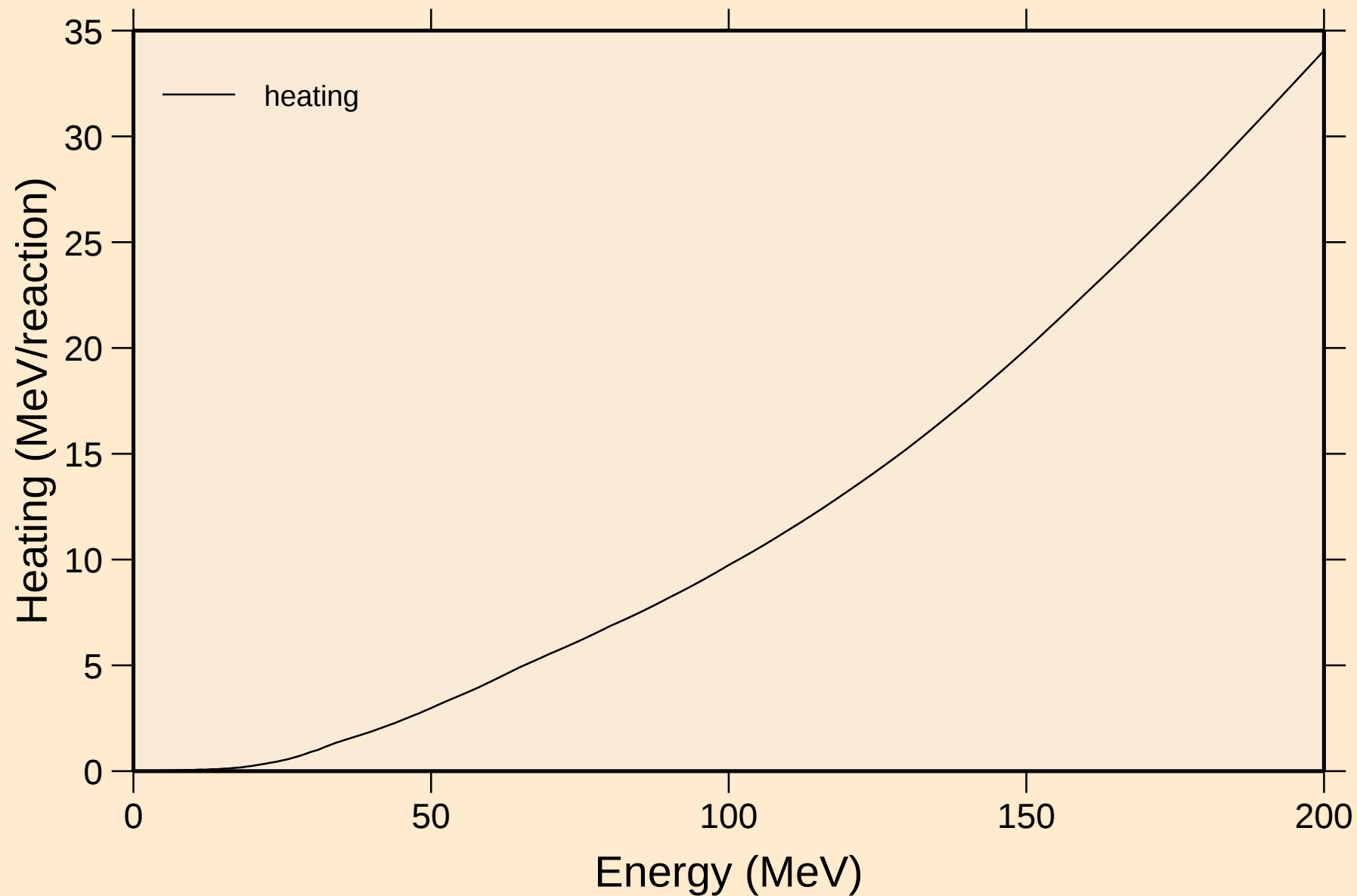
# PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Principal cross sections



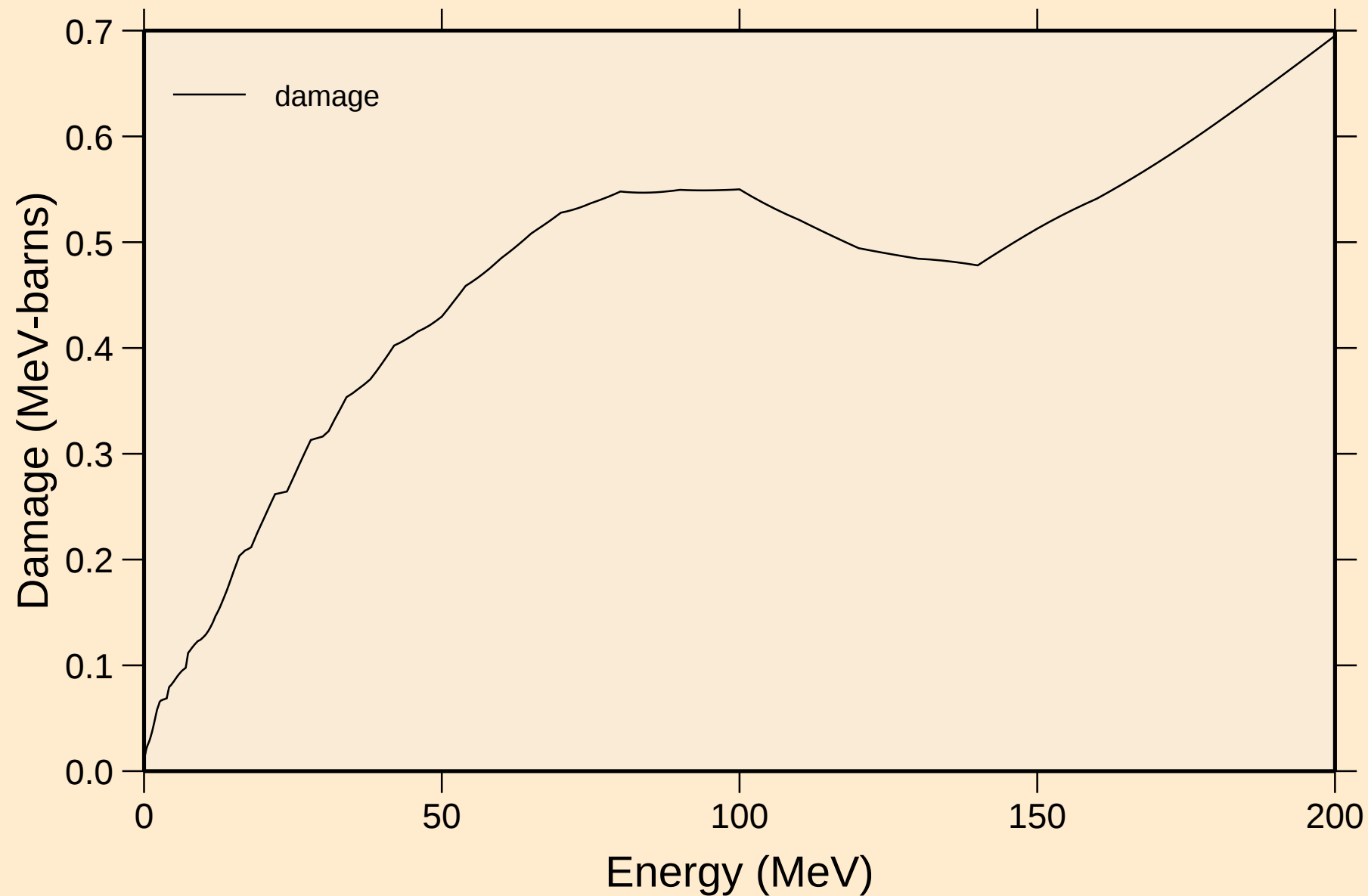
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

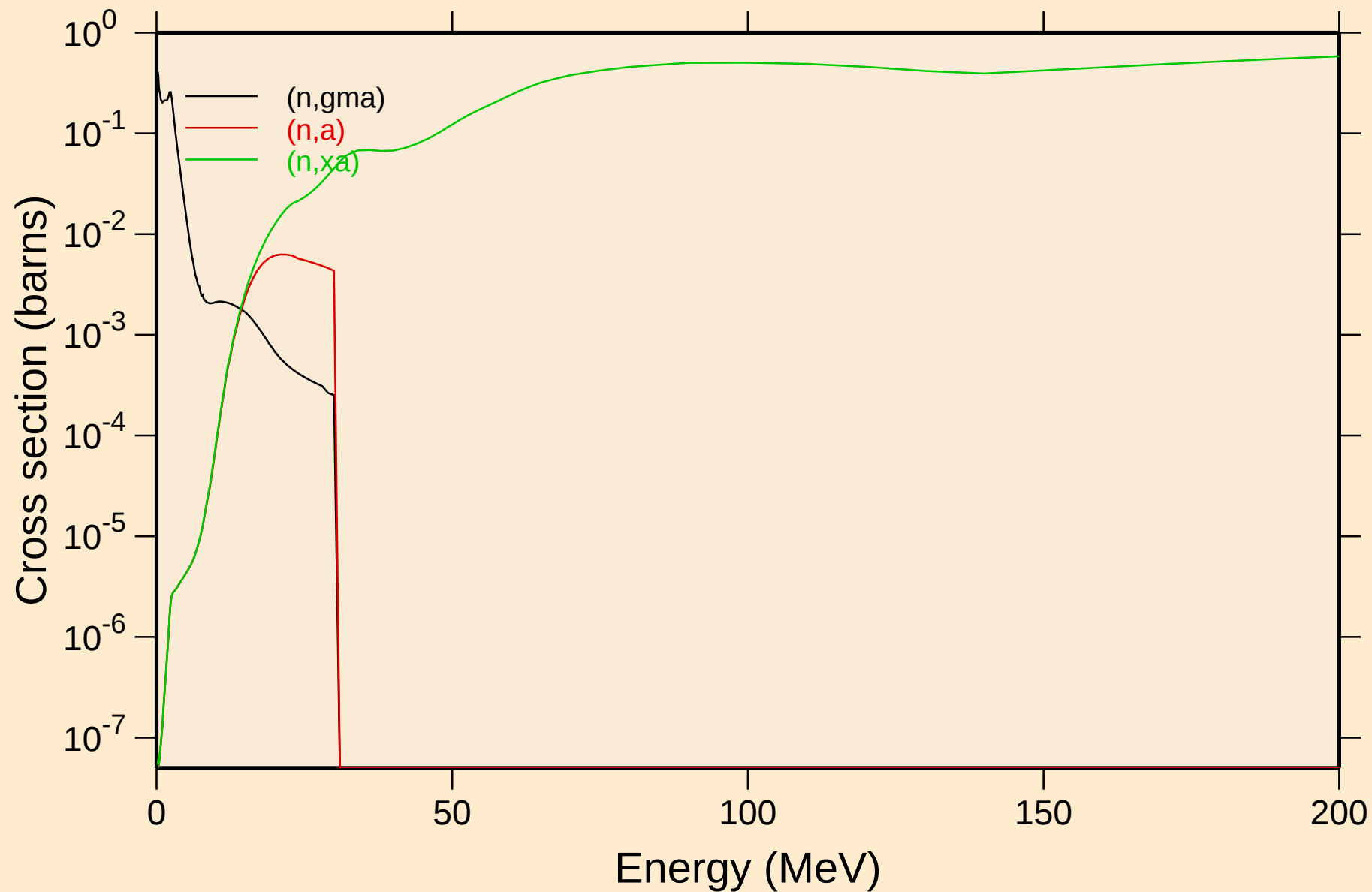


# PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Damage

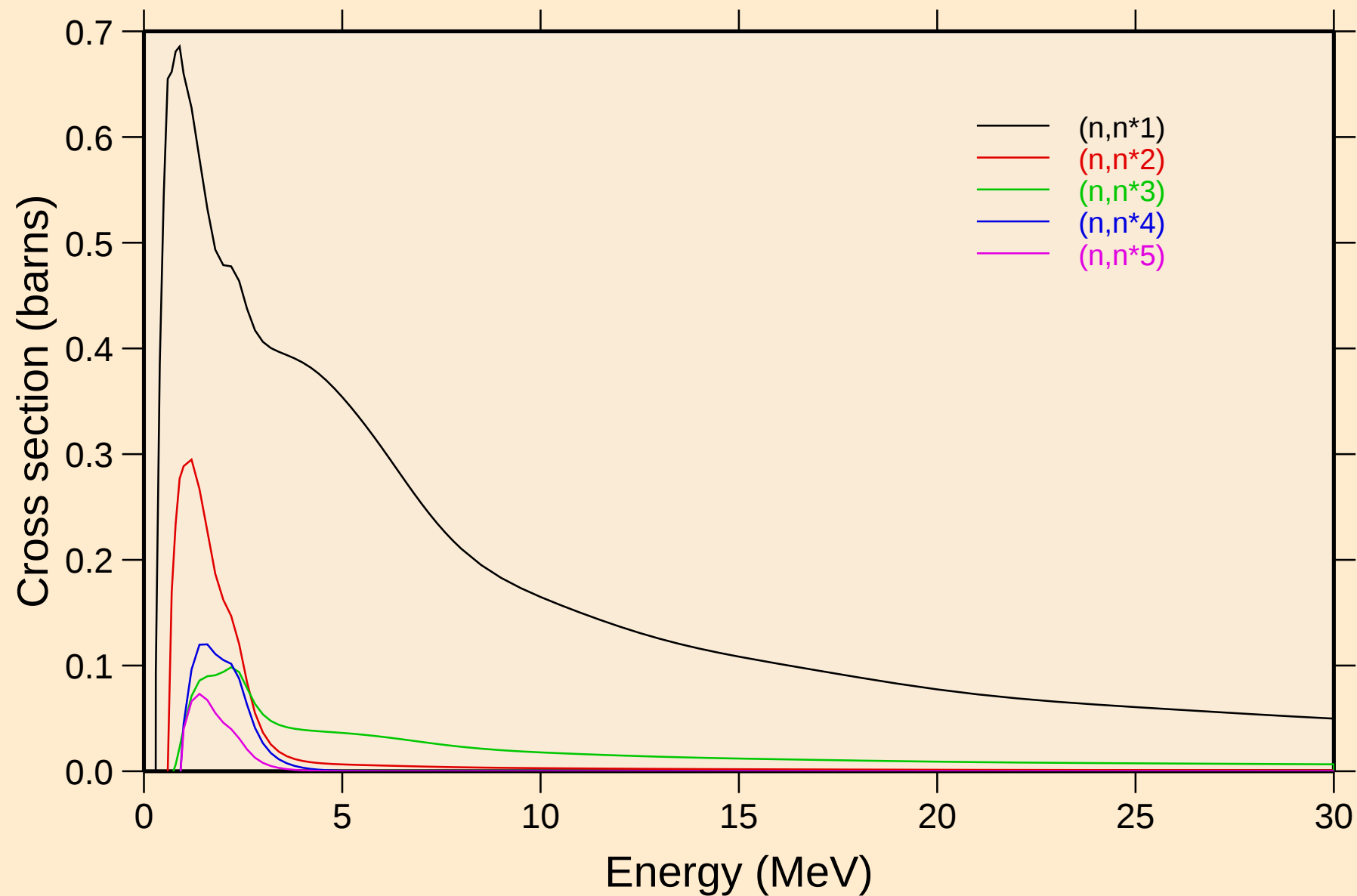


PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

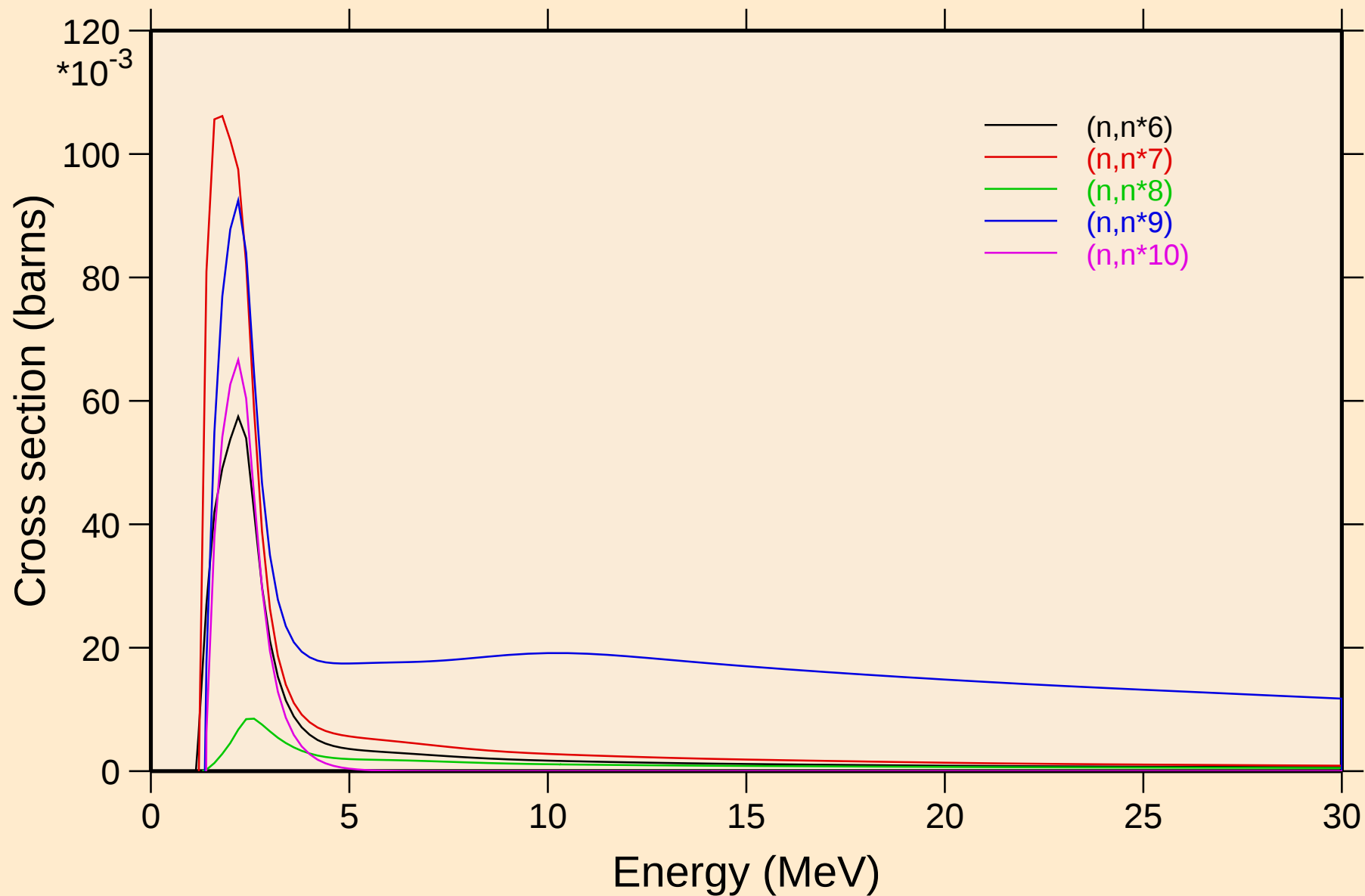


# PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

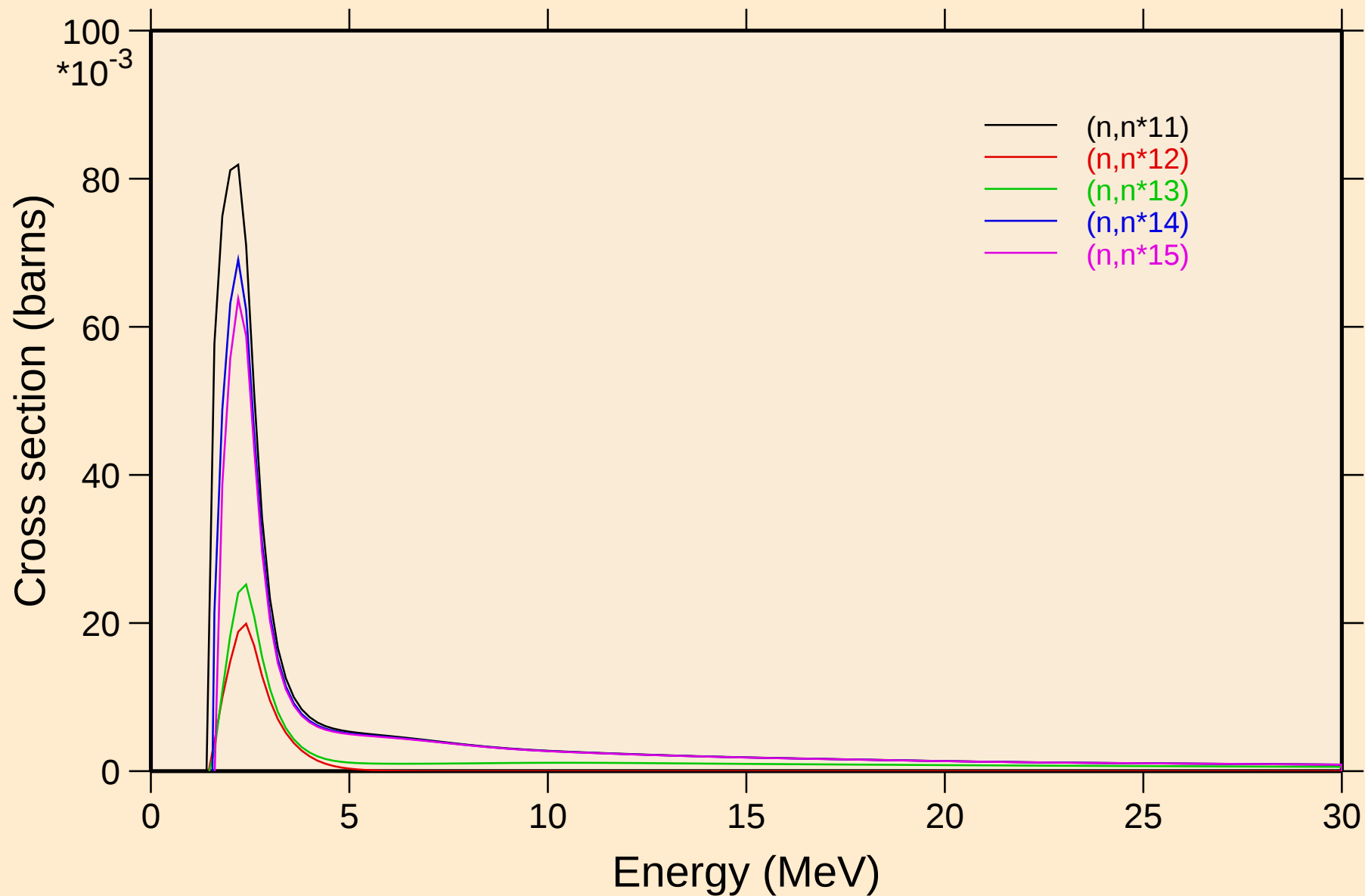
## Inelastic levels



PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

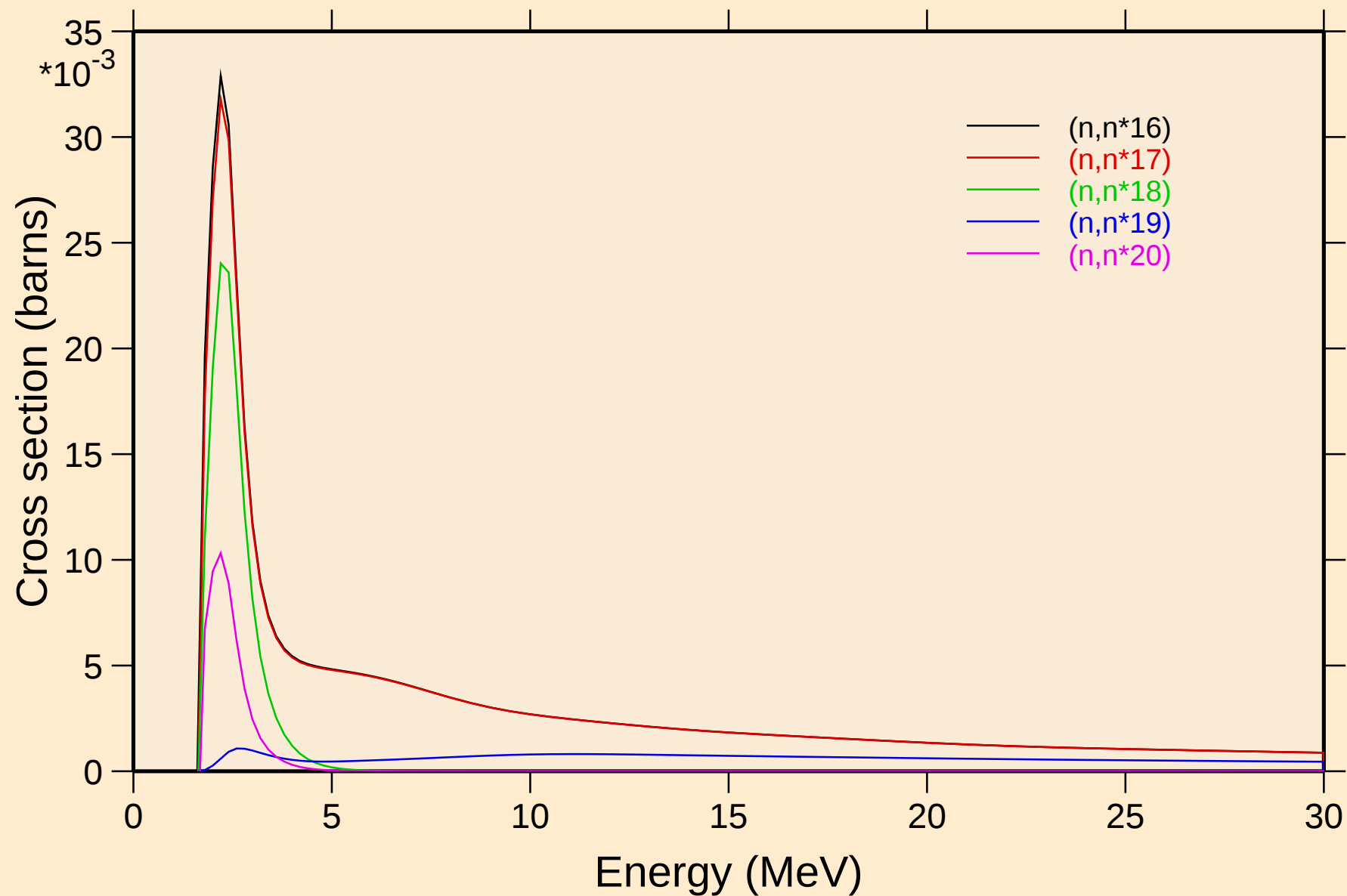


PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



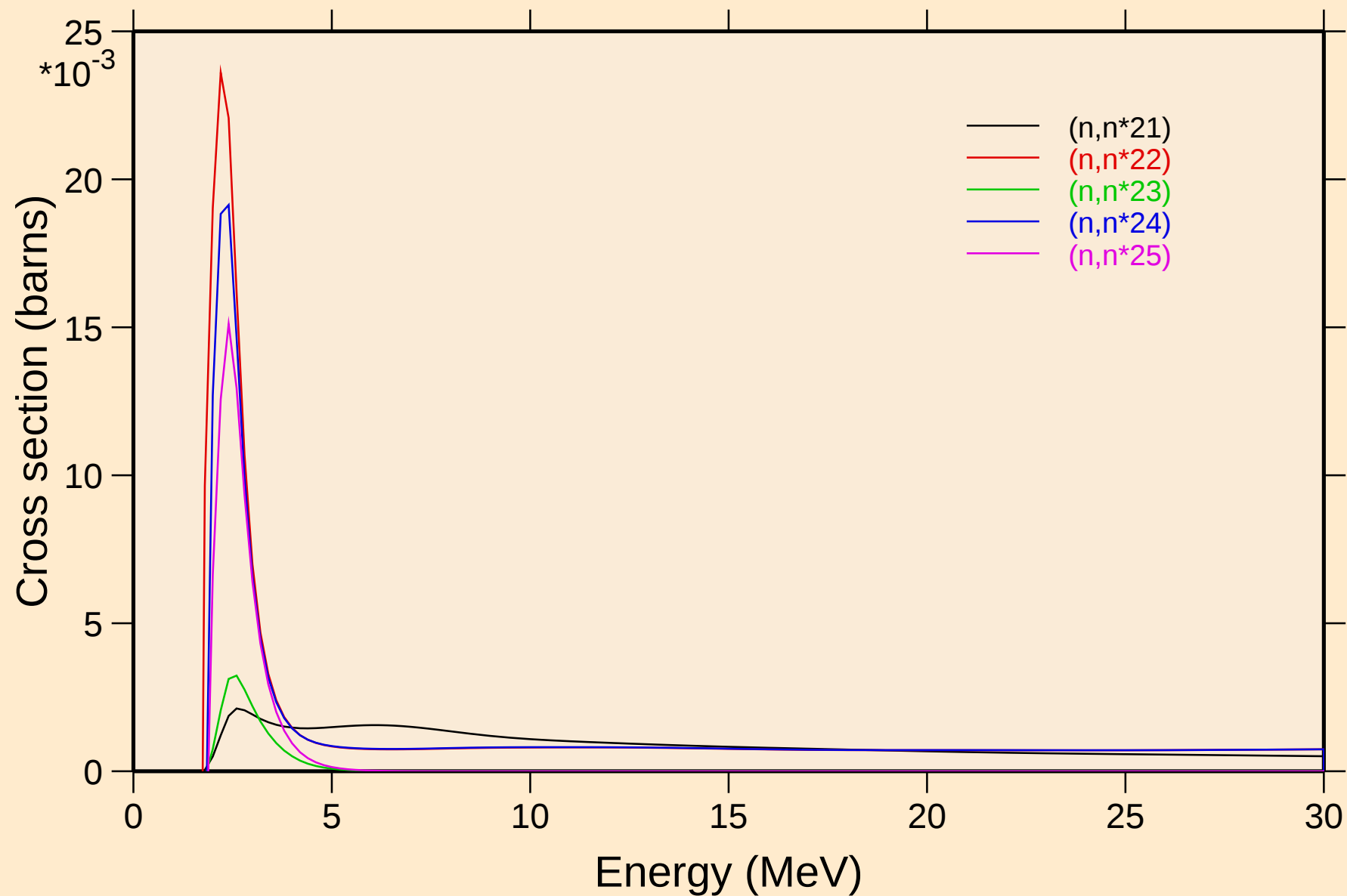
# PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Inelastic levels



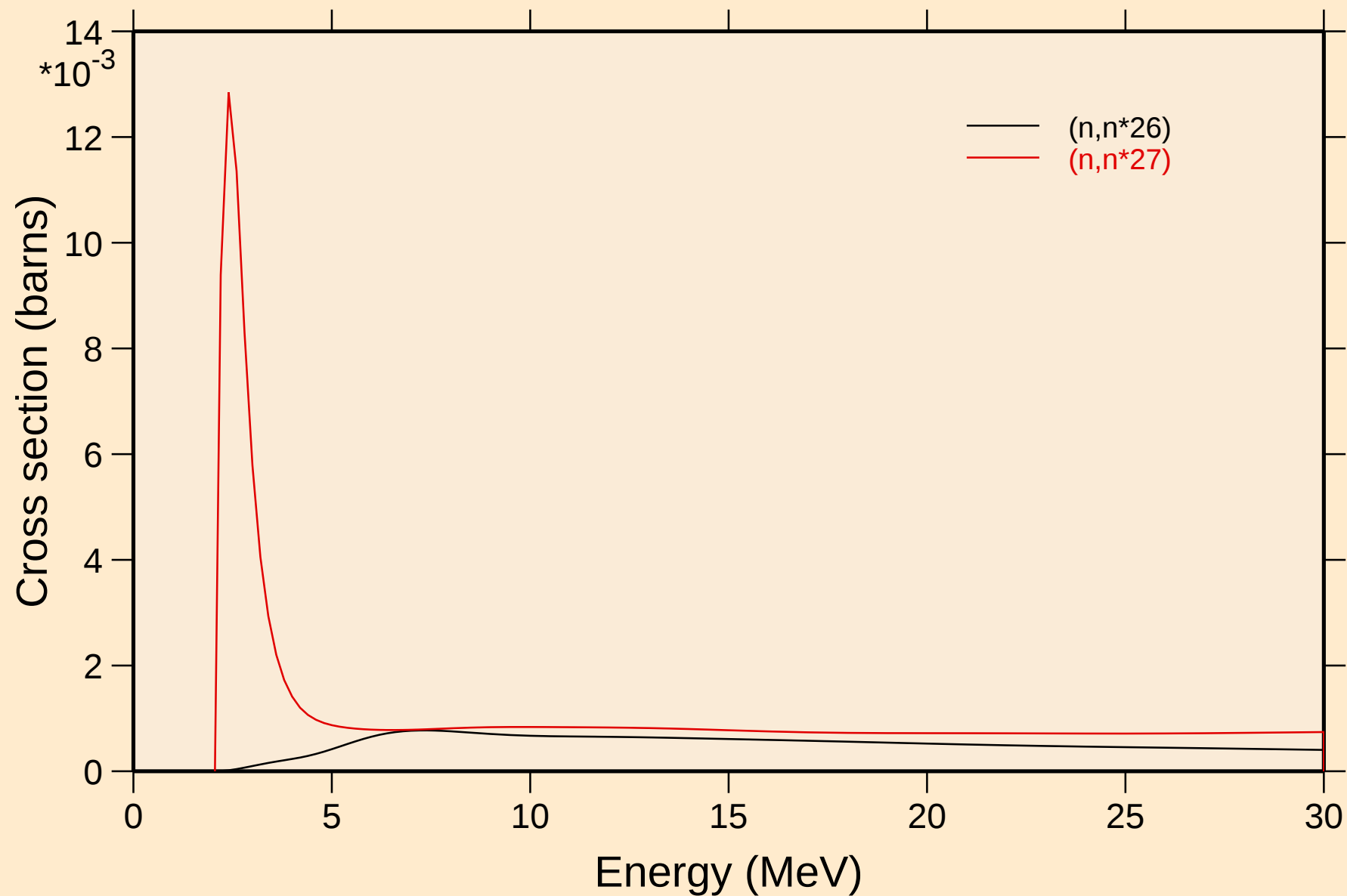
# PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Inelastic levels



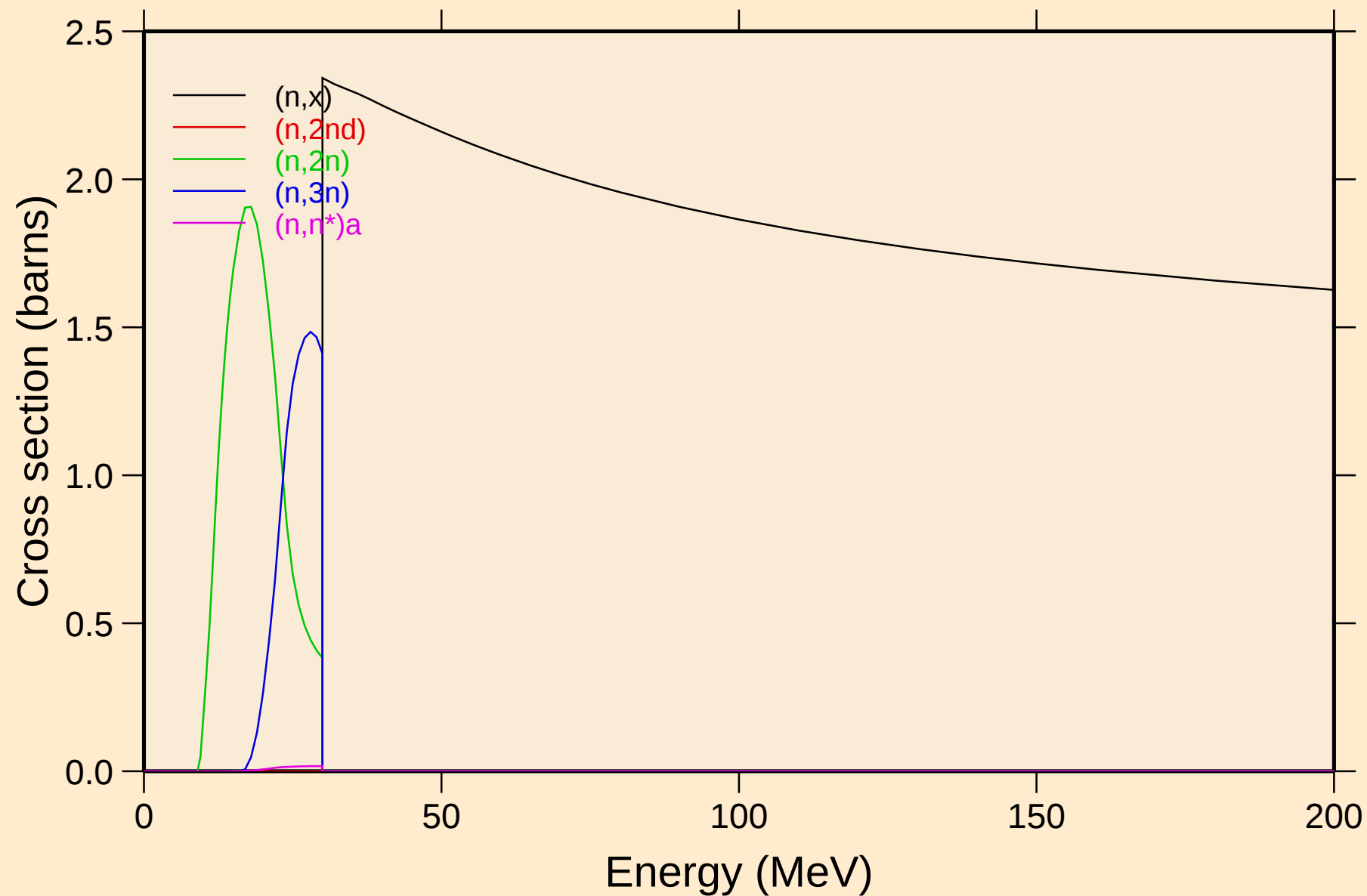
# PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Inelastic levels

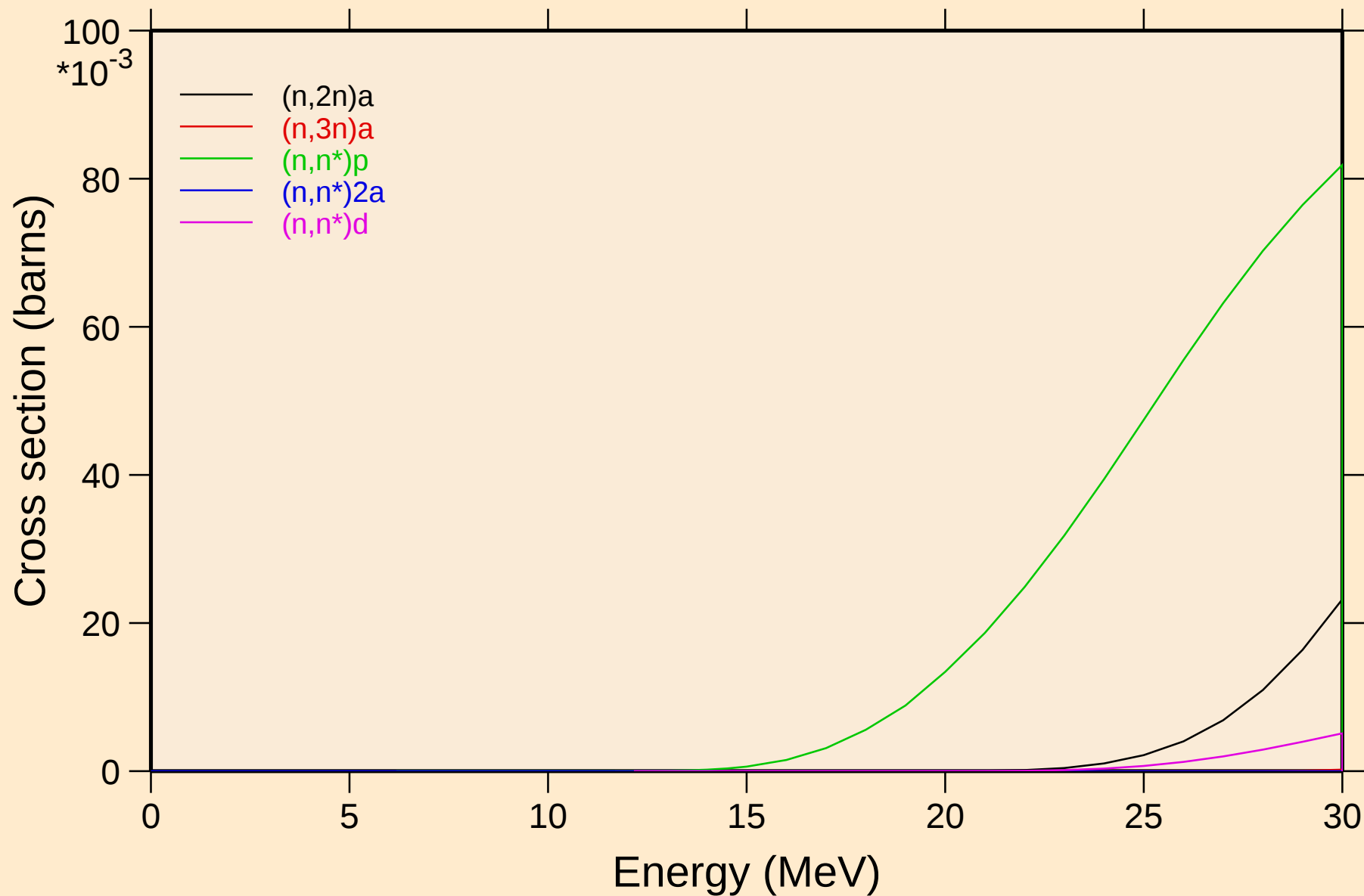


# PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

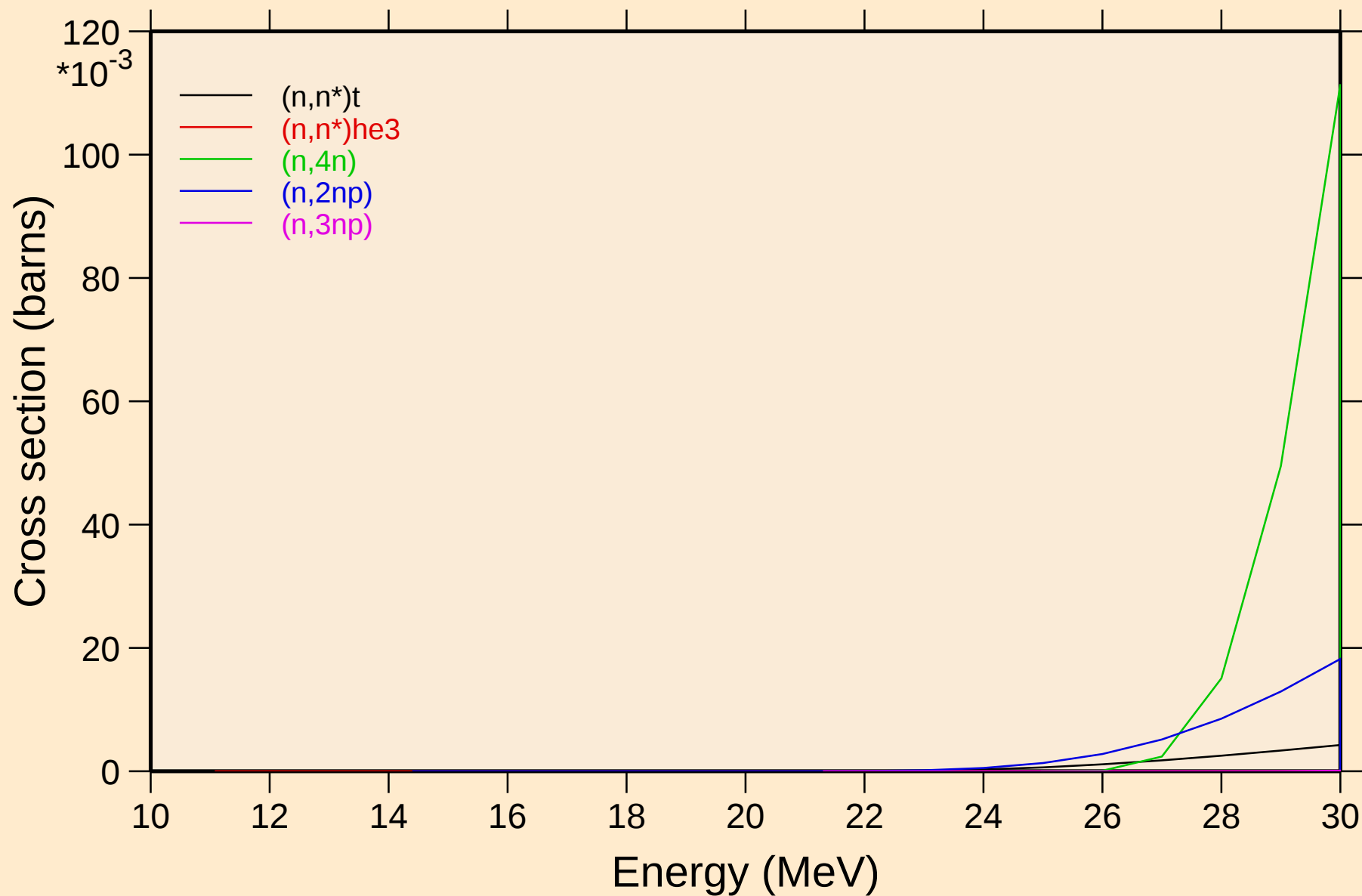
## Threshold reactions



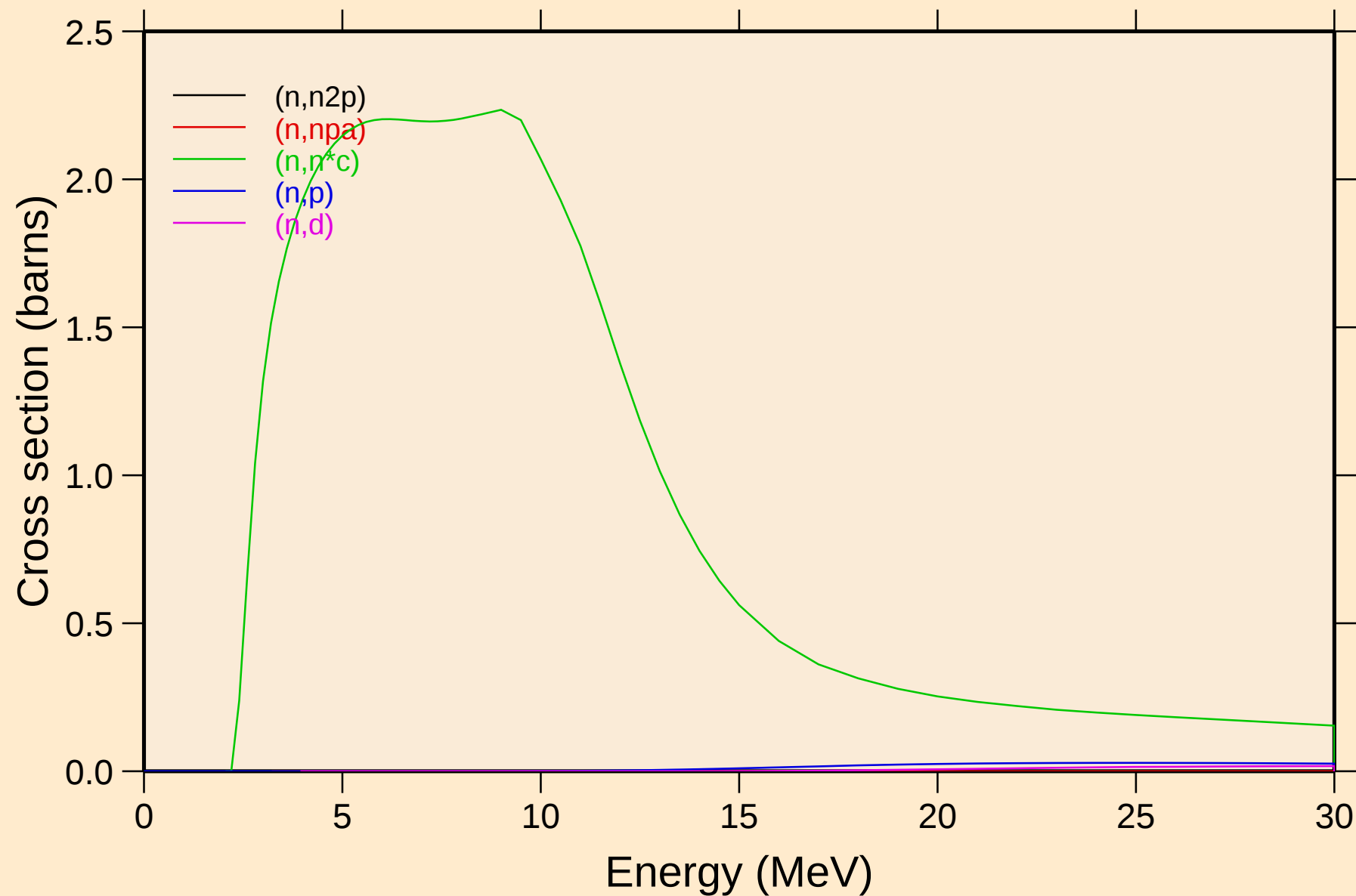
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

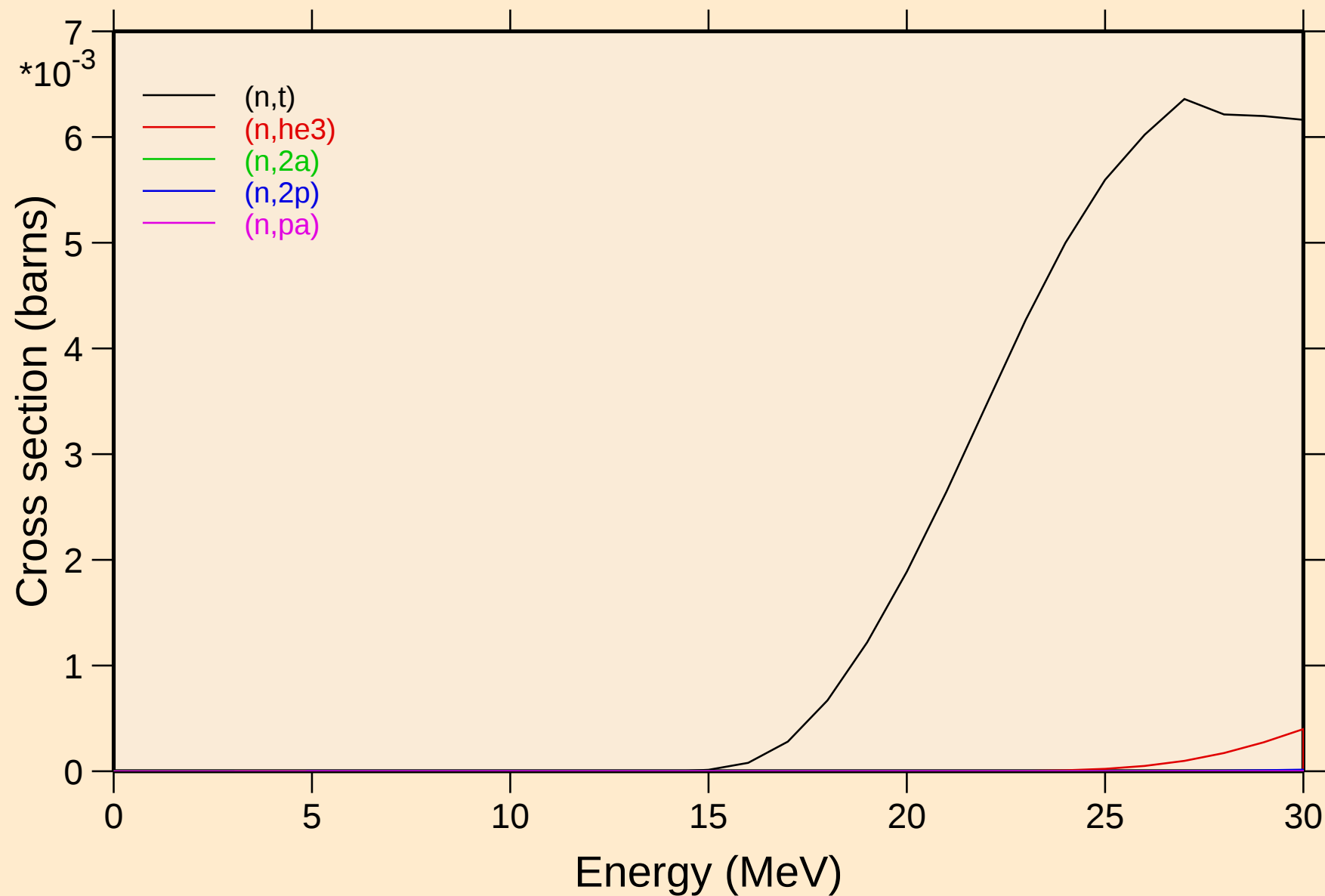


PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



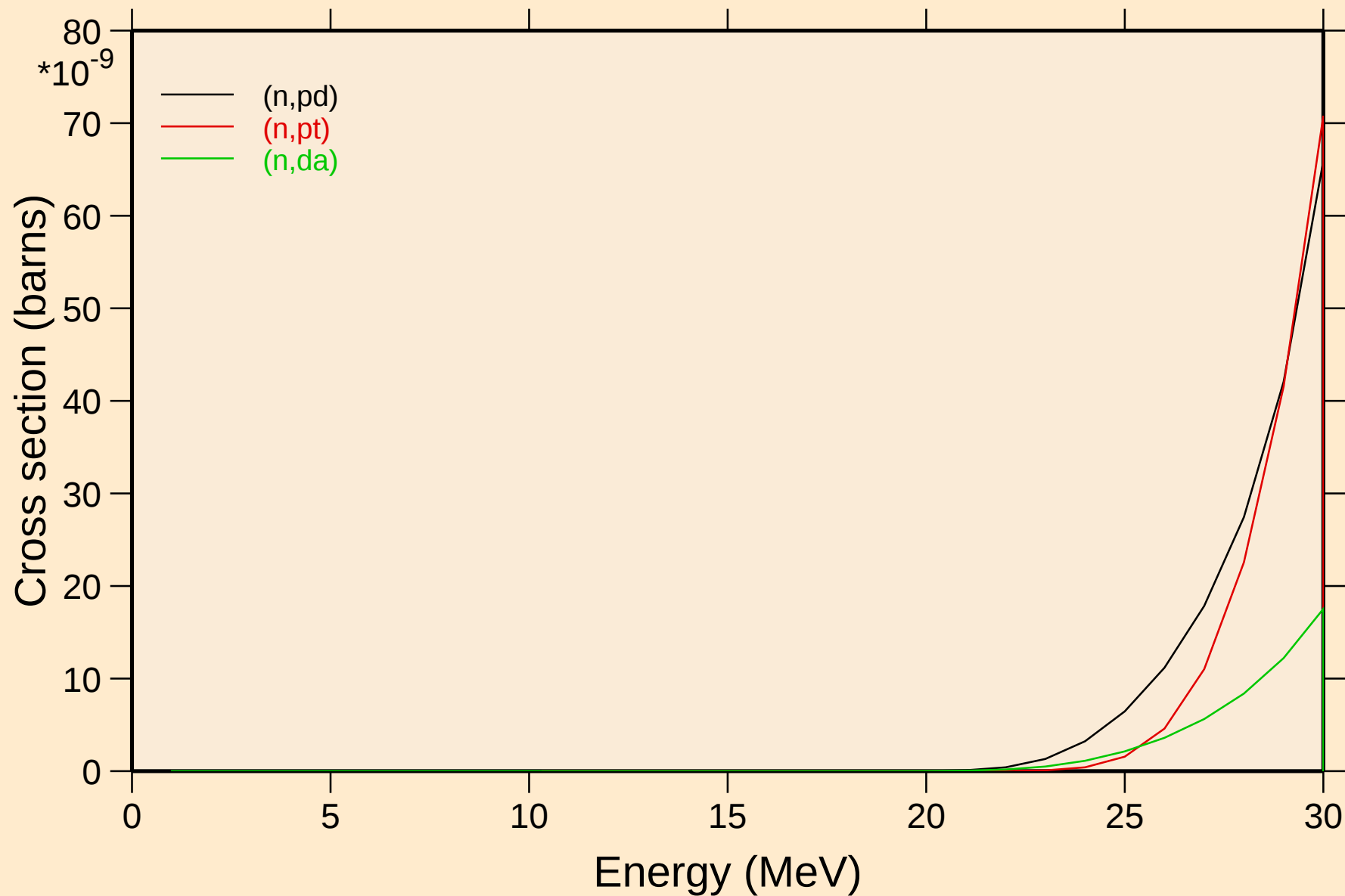
# PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Threshold reactions

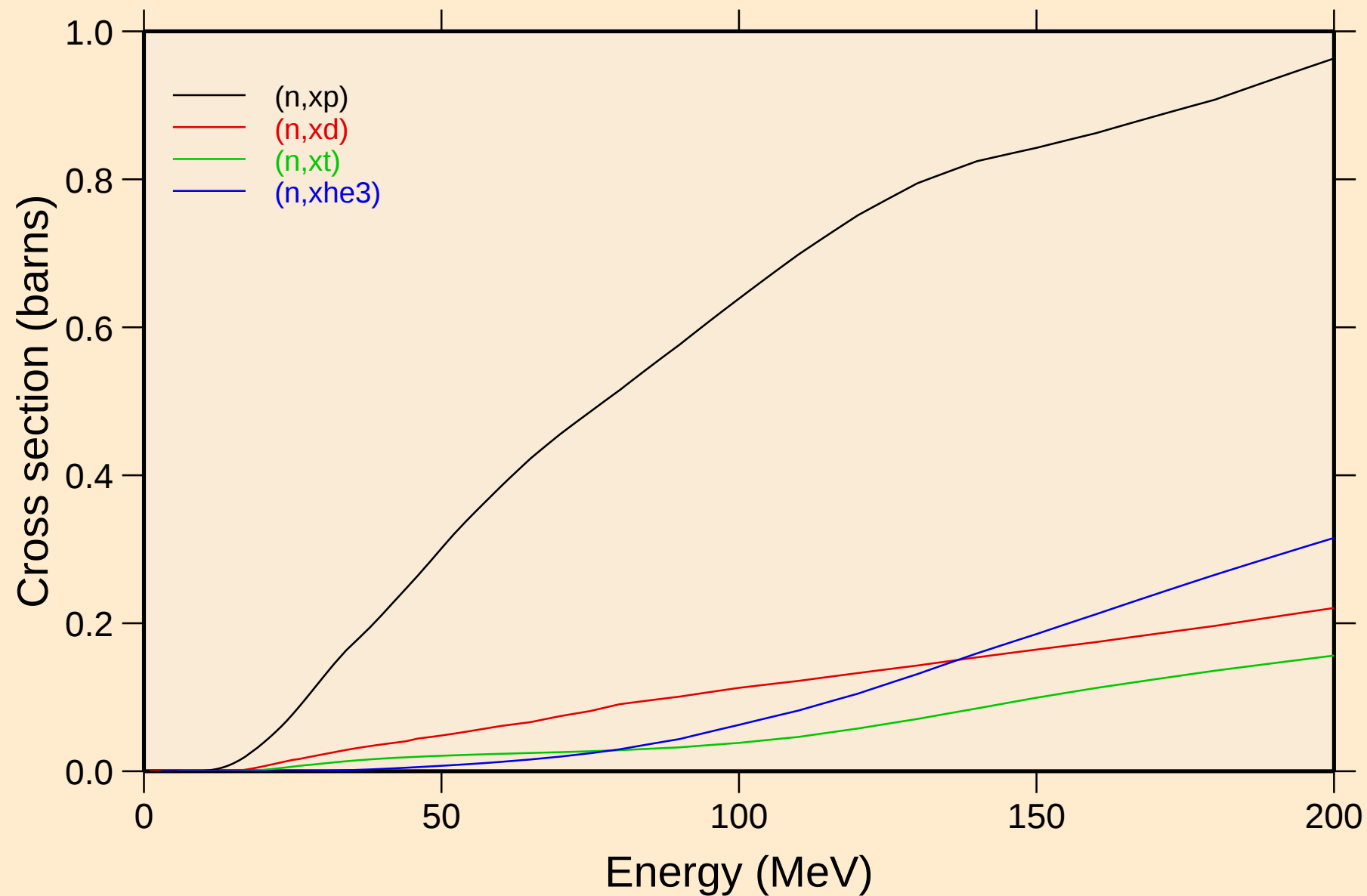


# PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

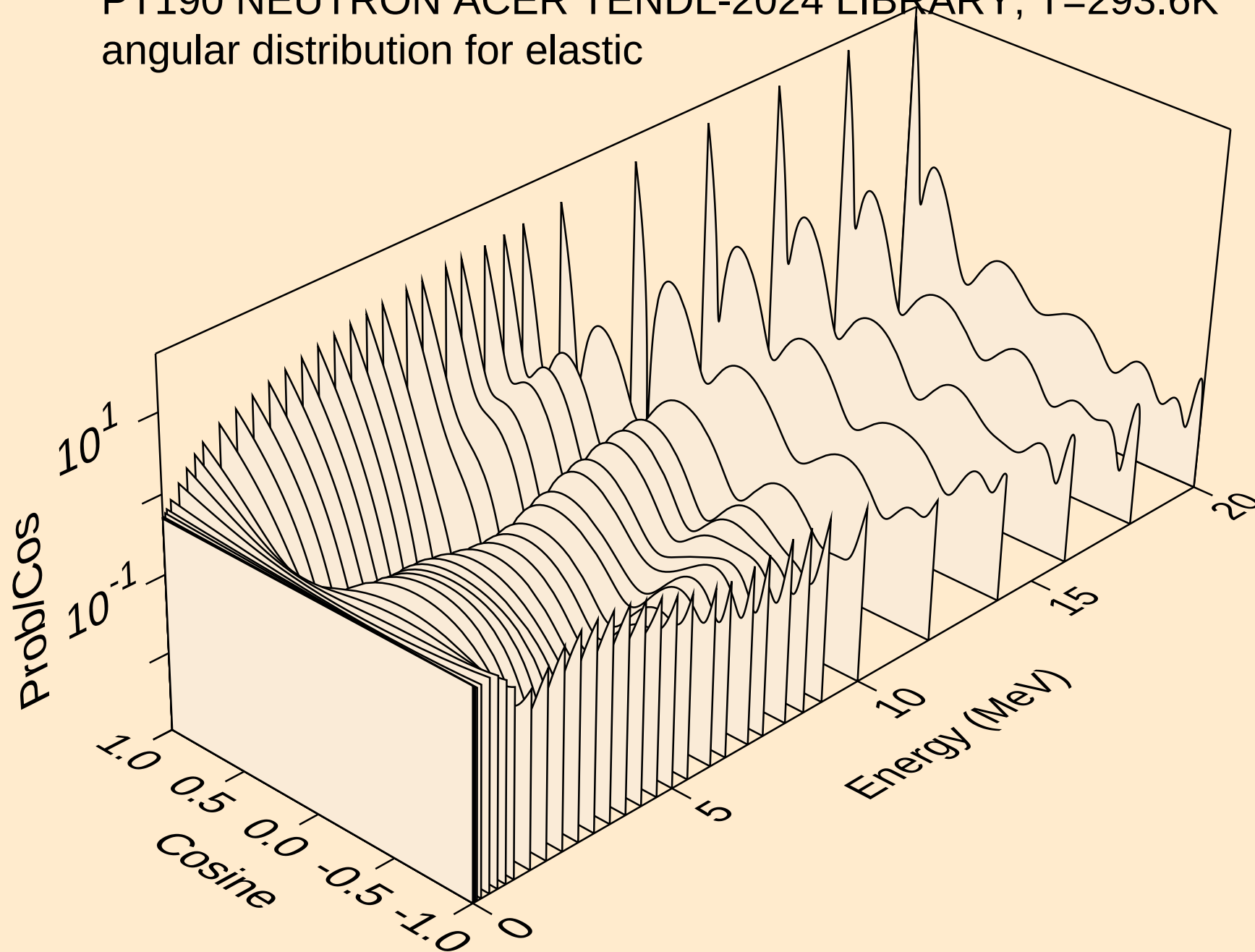
## Threshold reactions



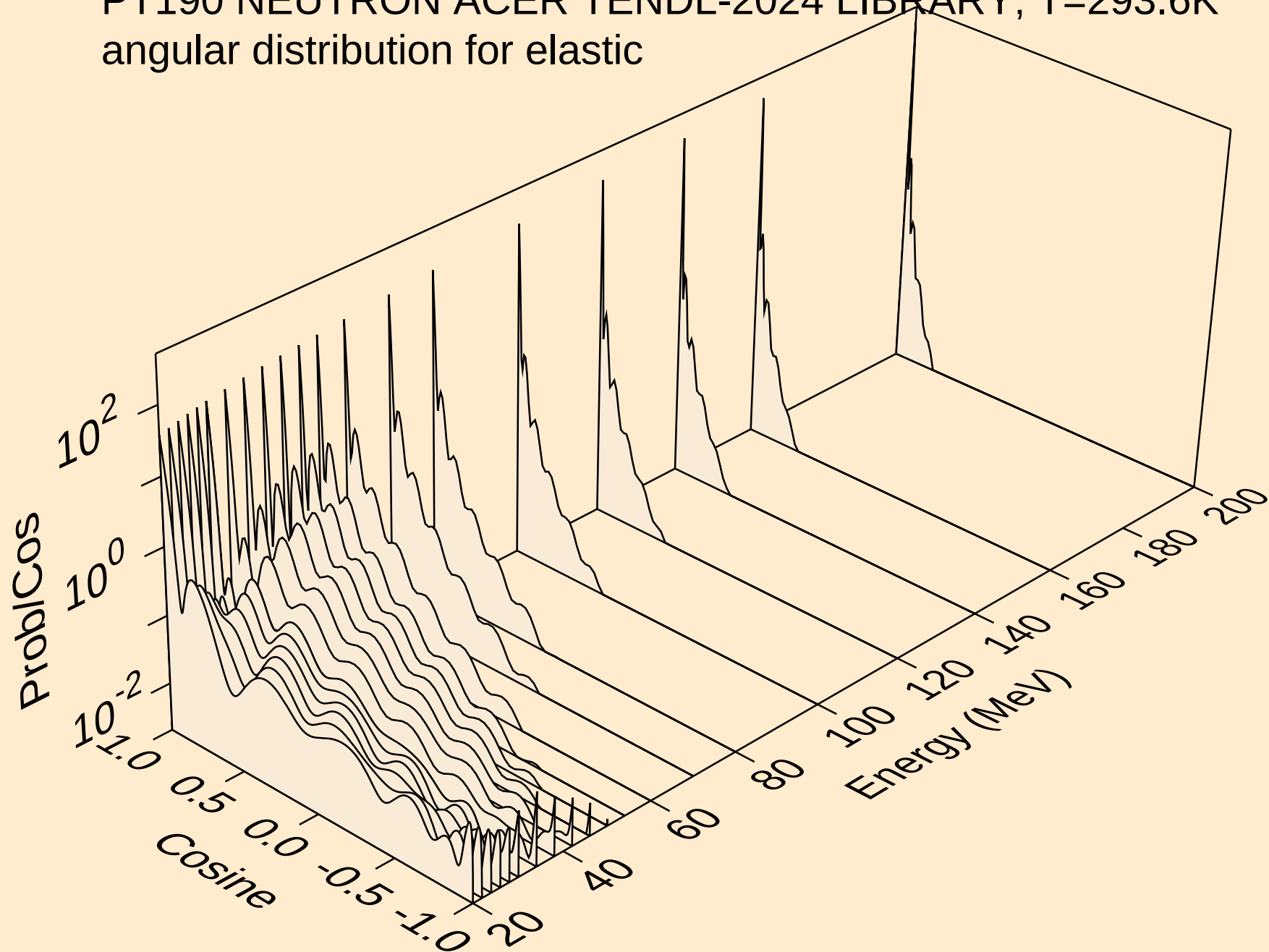
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



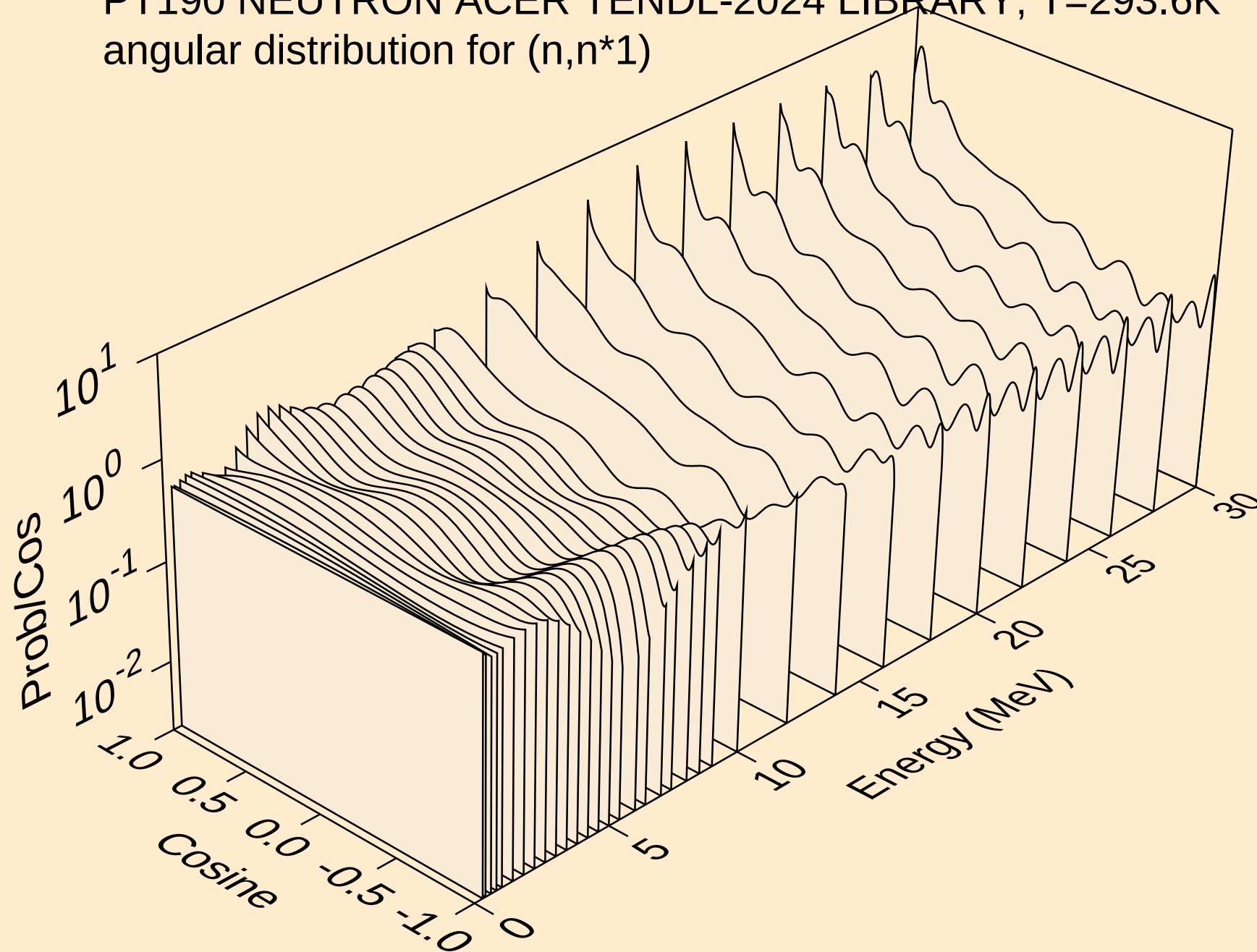
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



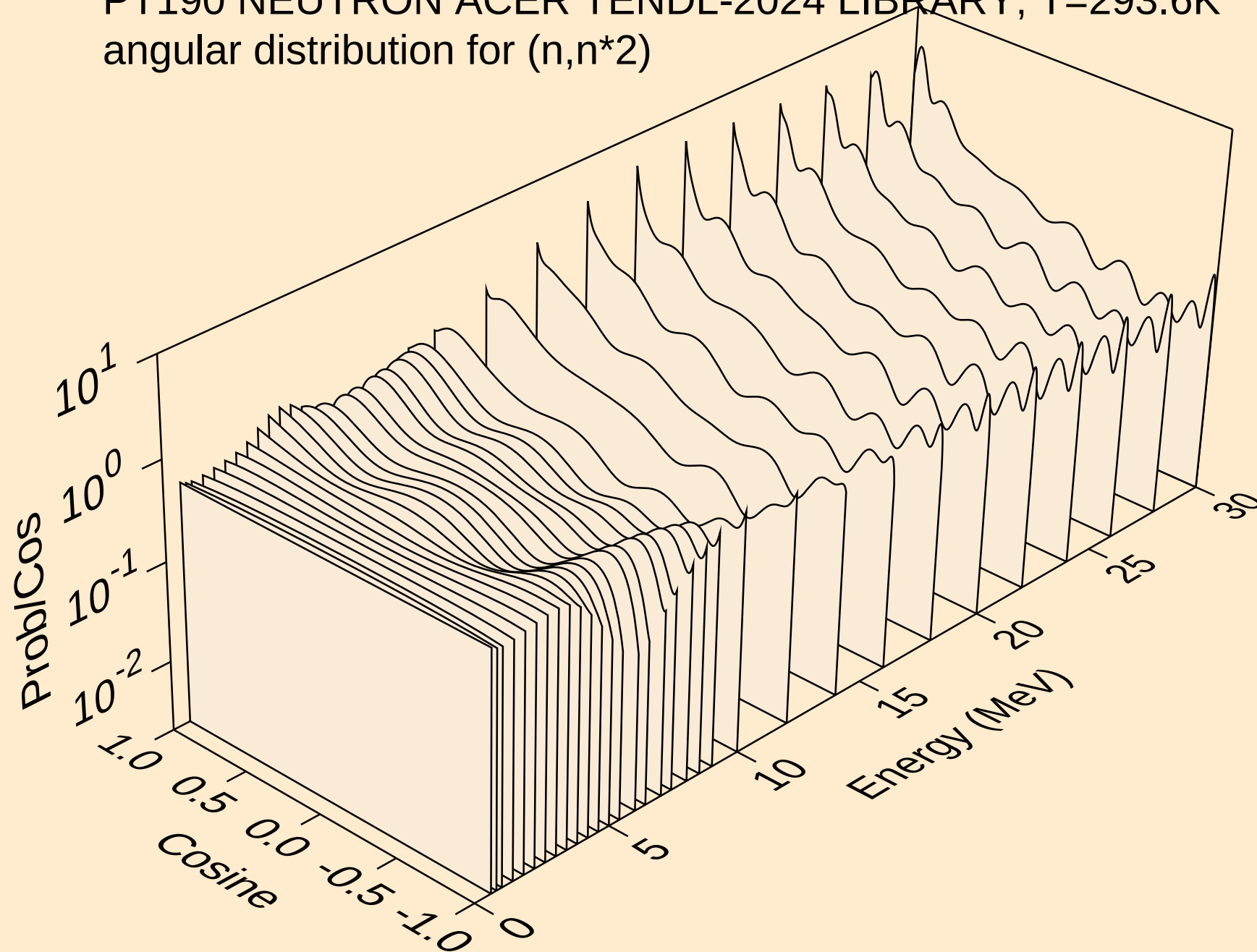
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



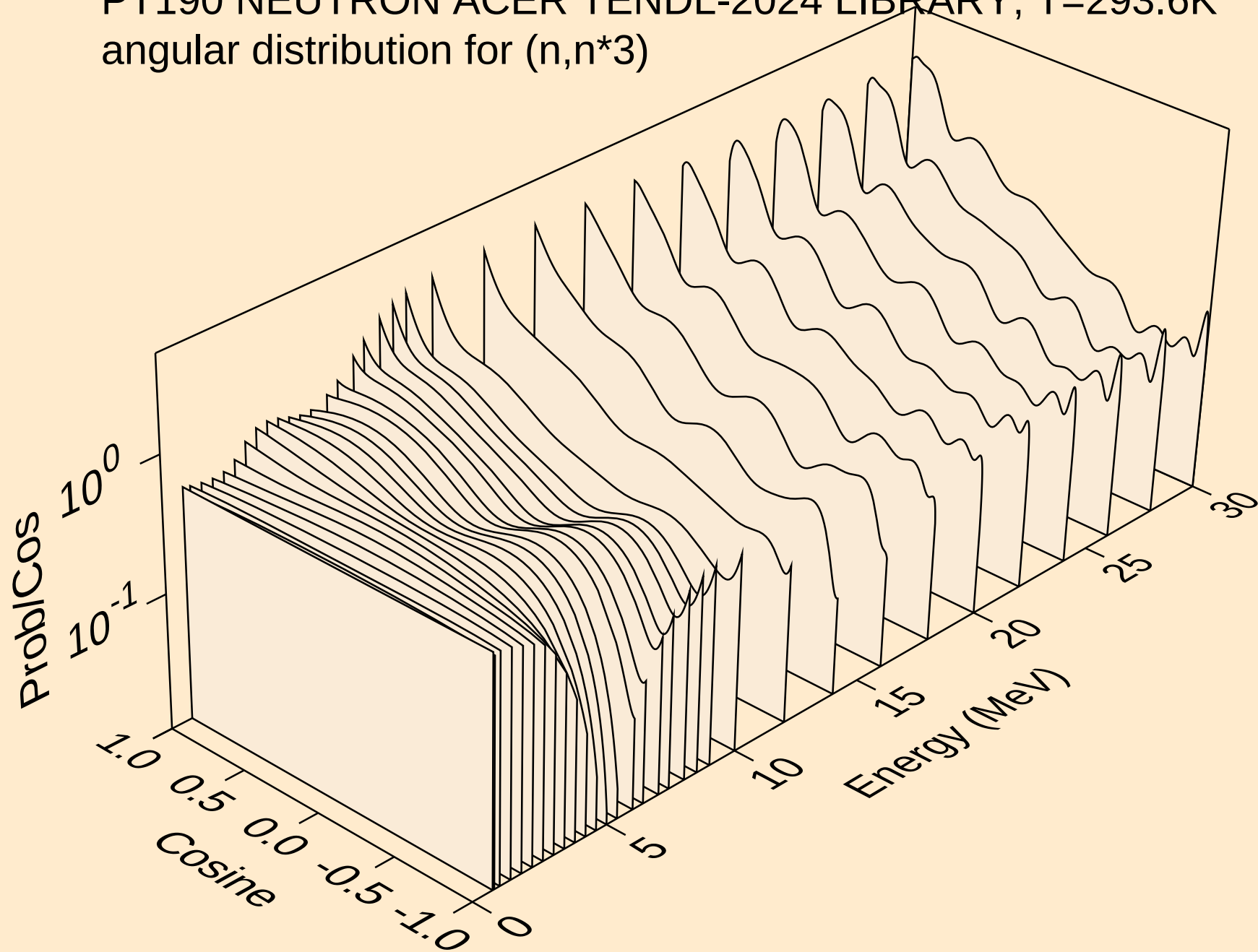
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



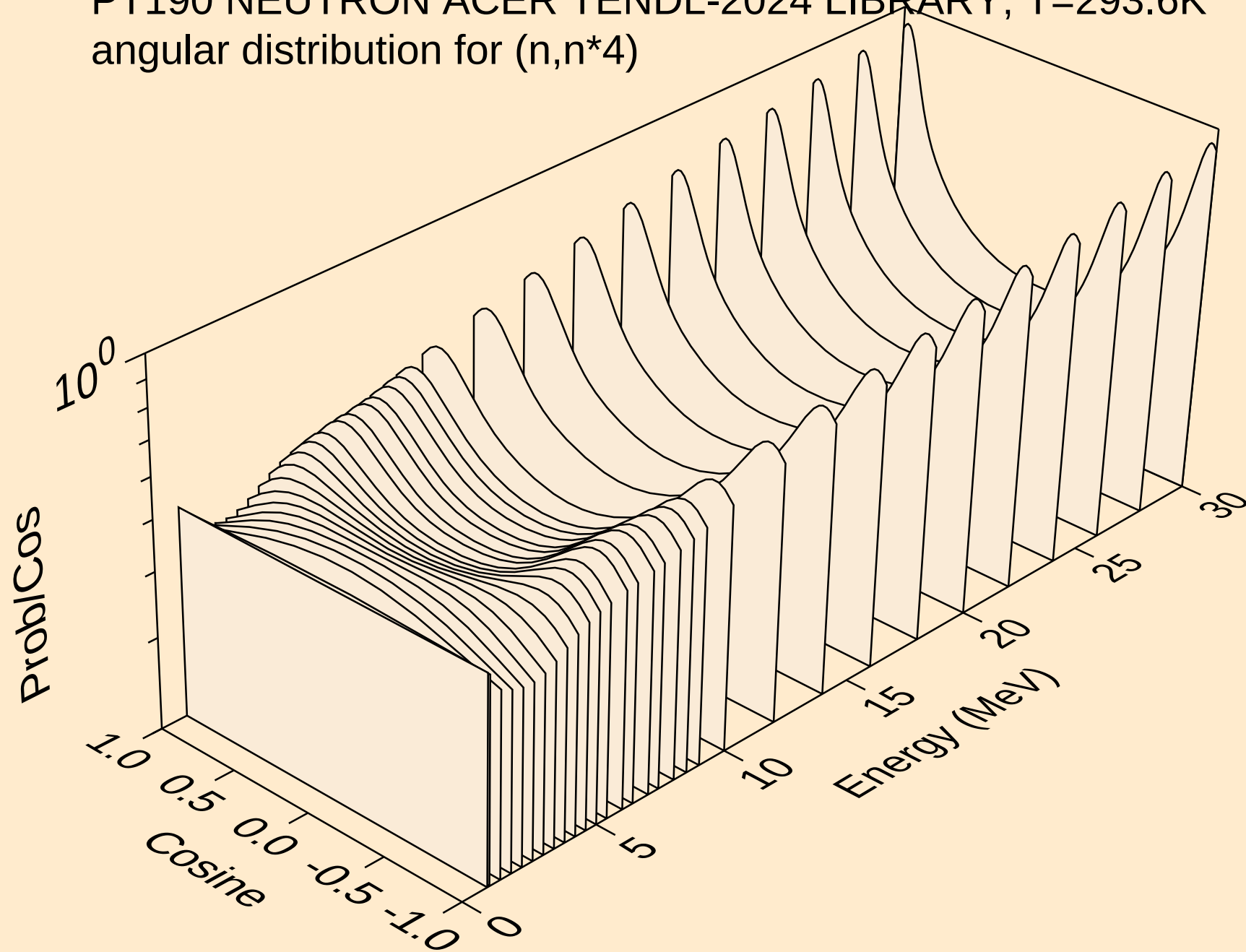
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



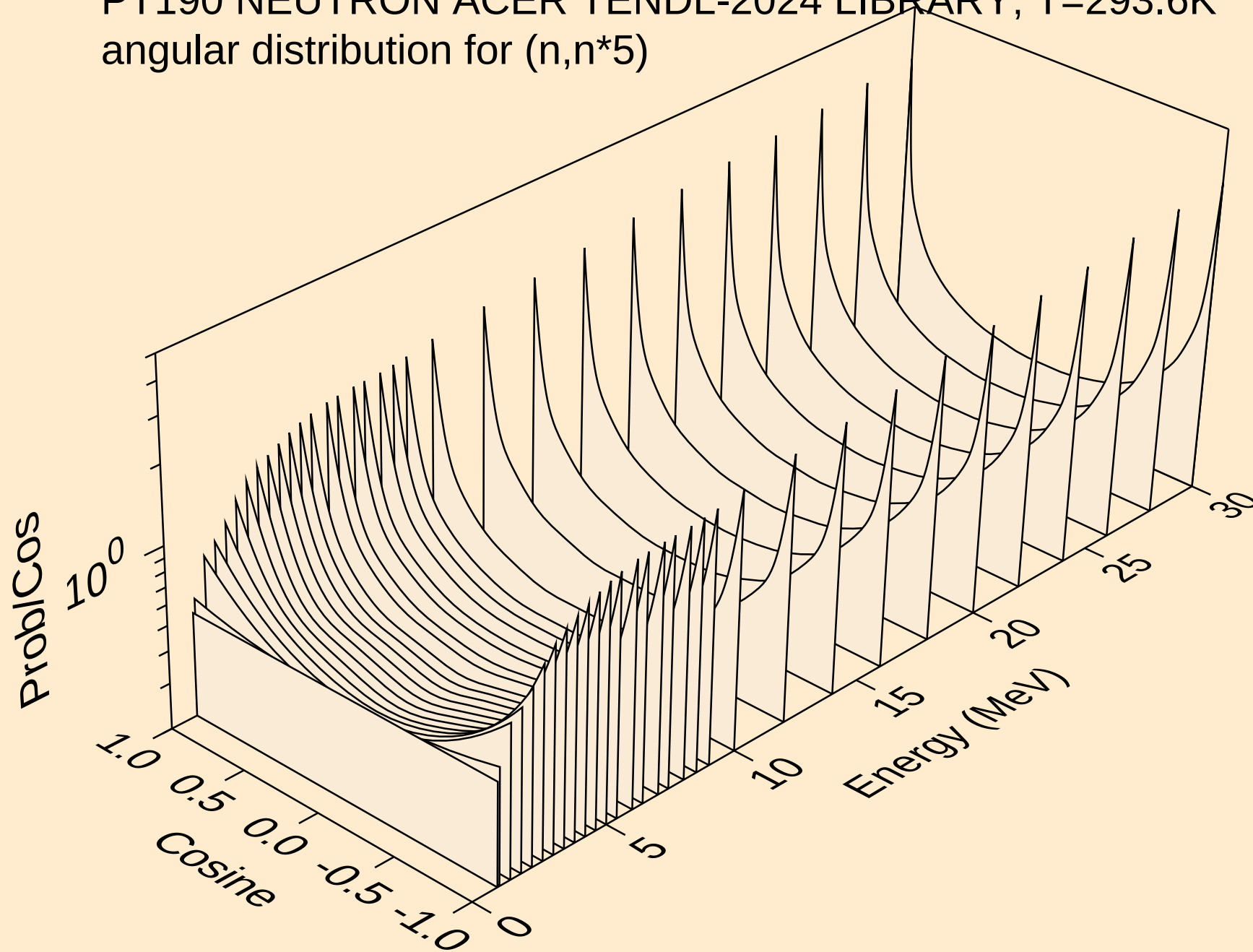
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



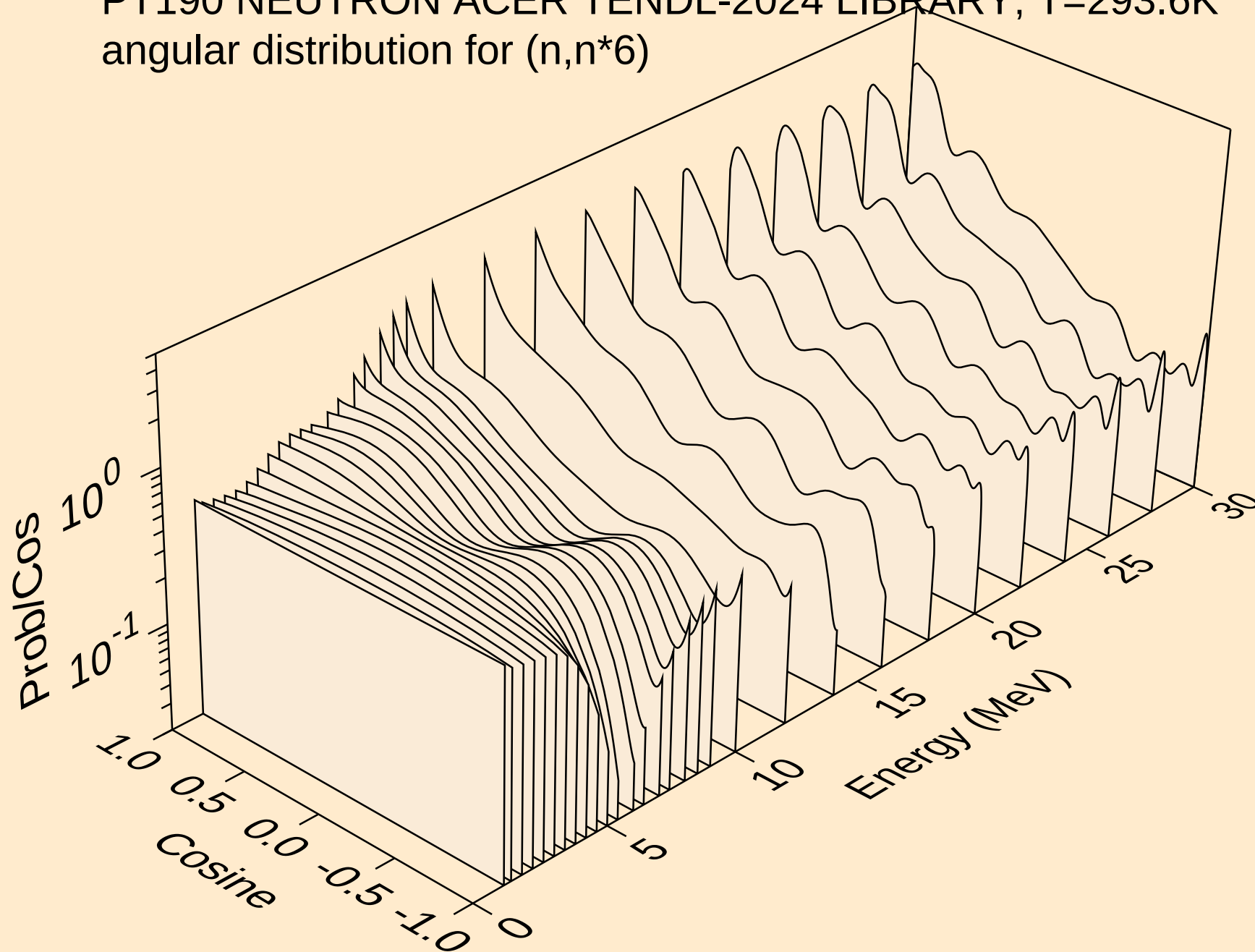
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



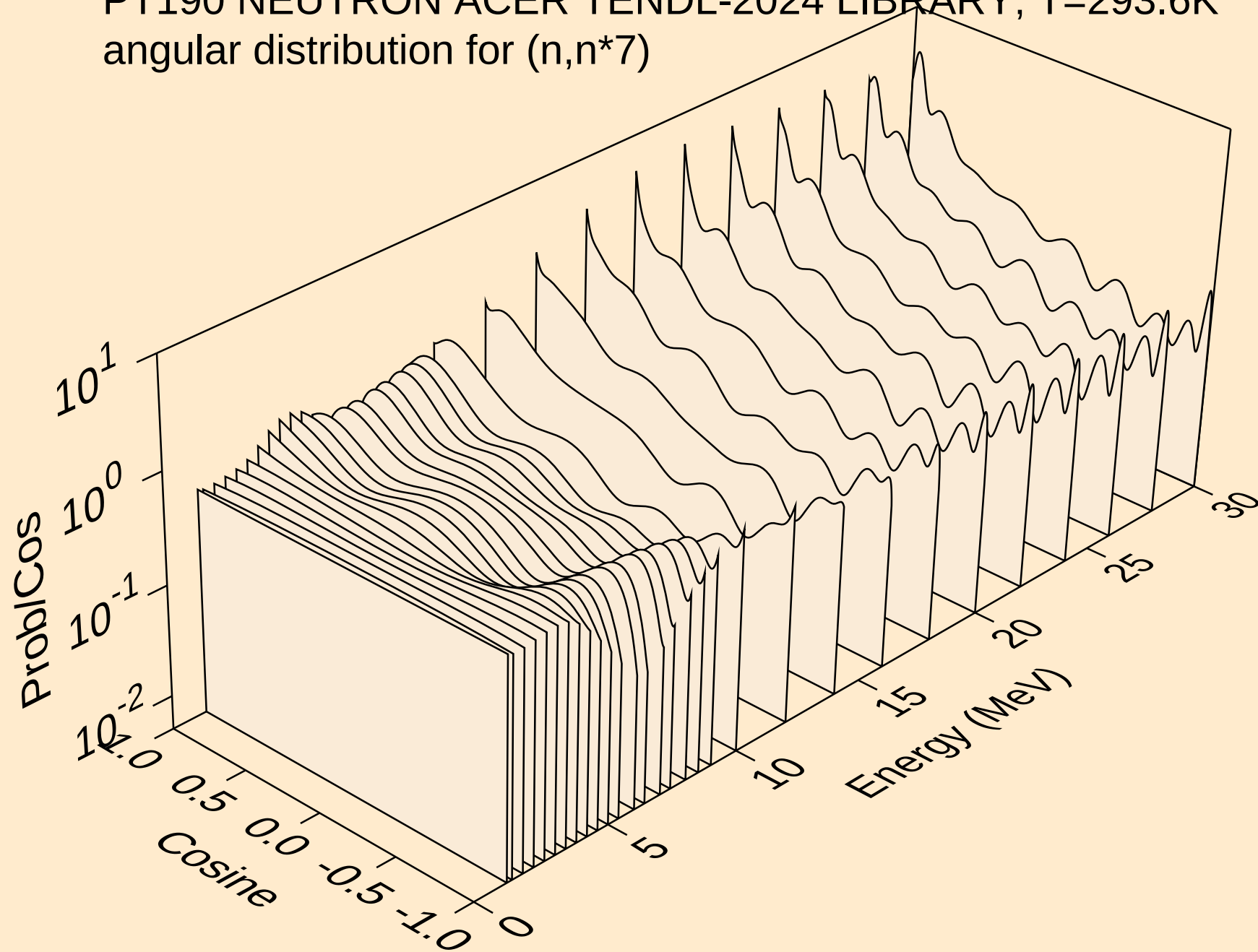
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



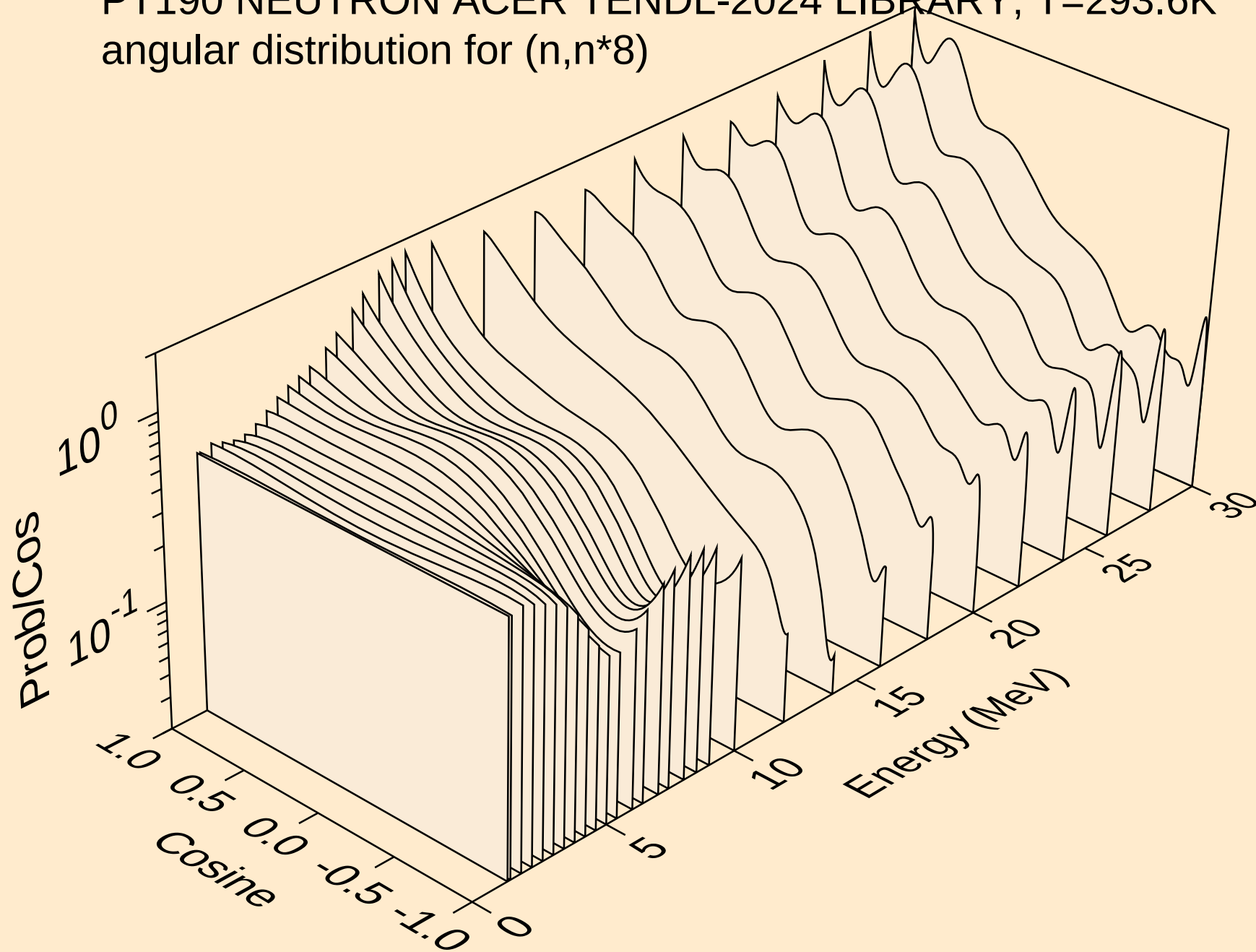
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



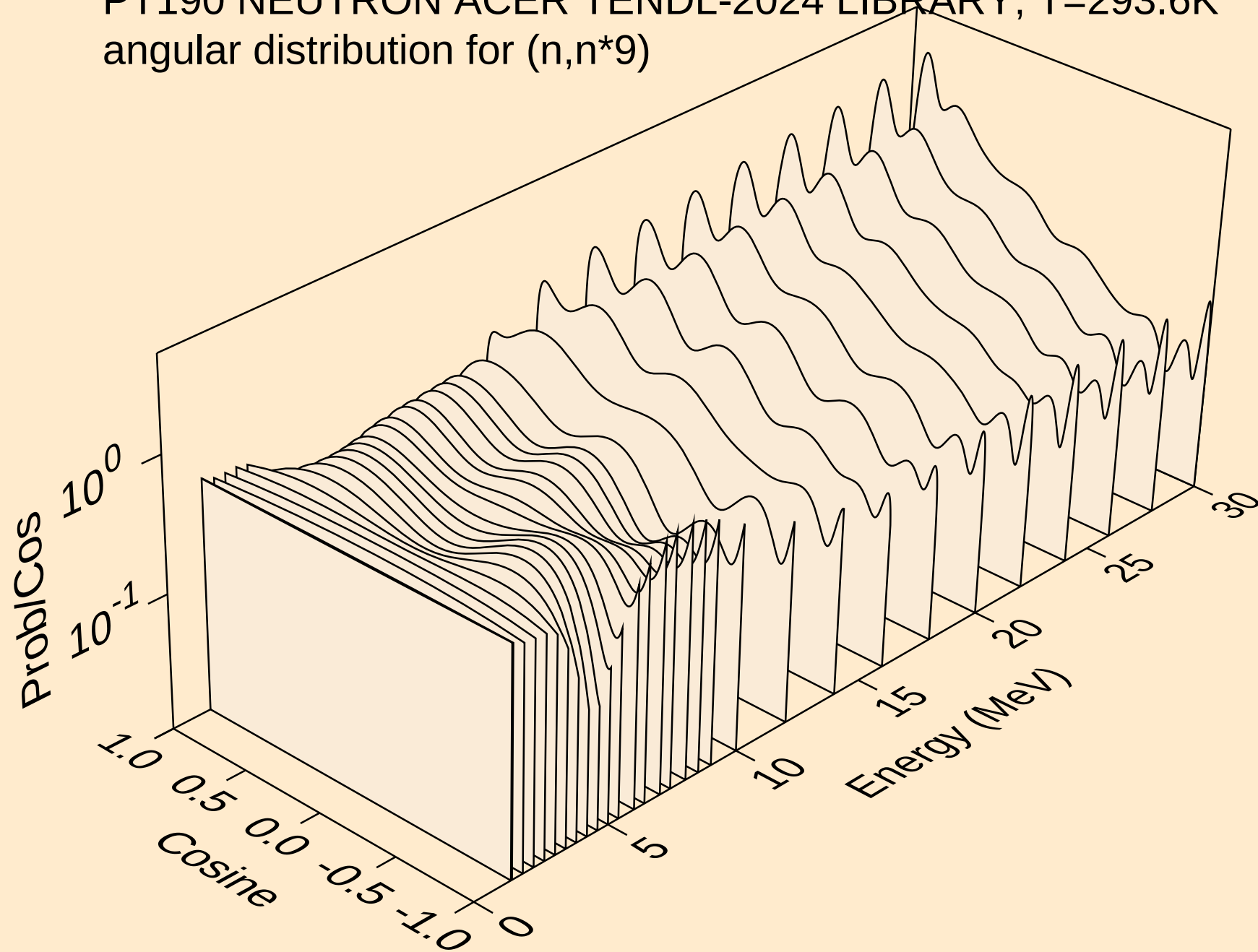
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



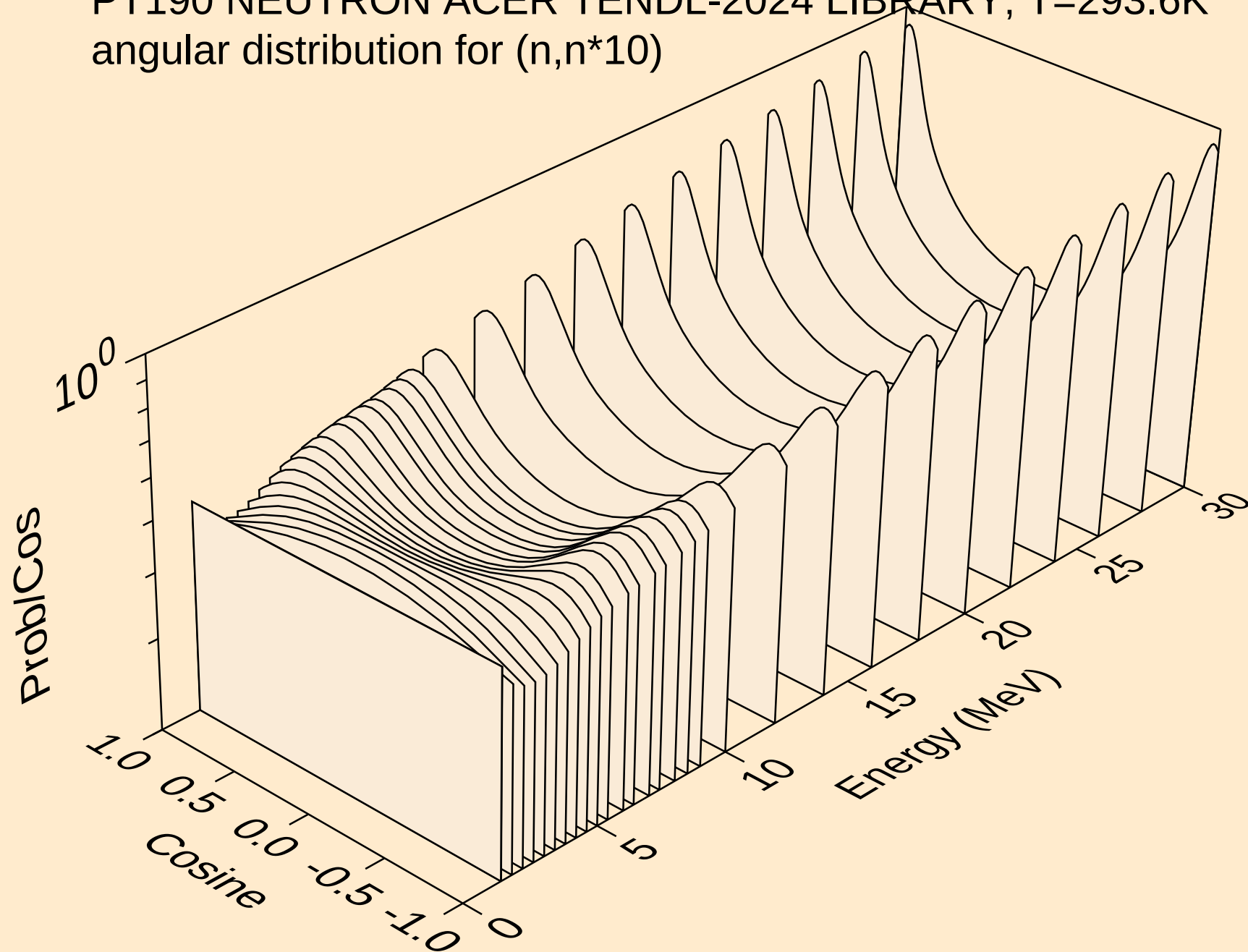
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



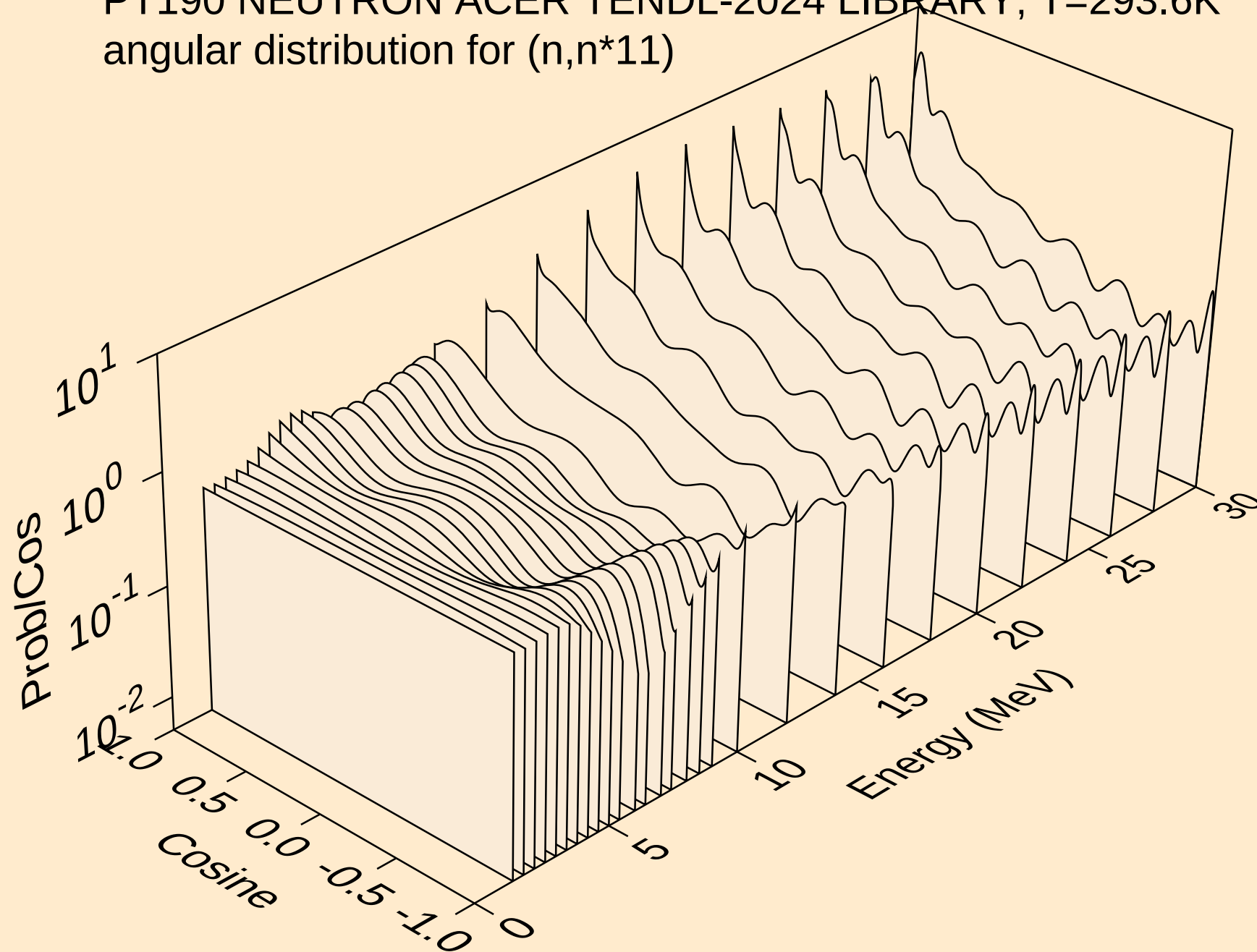
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



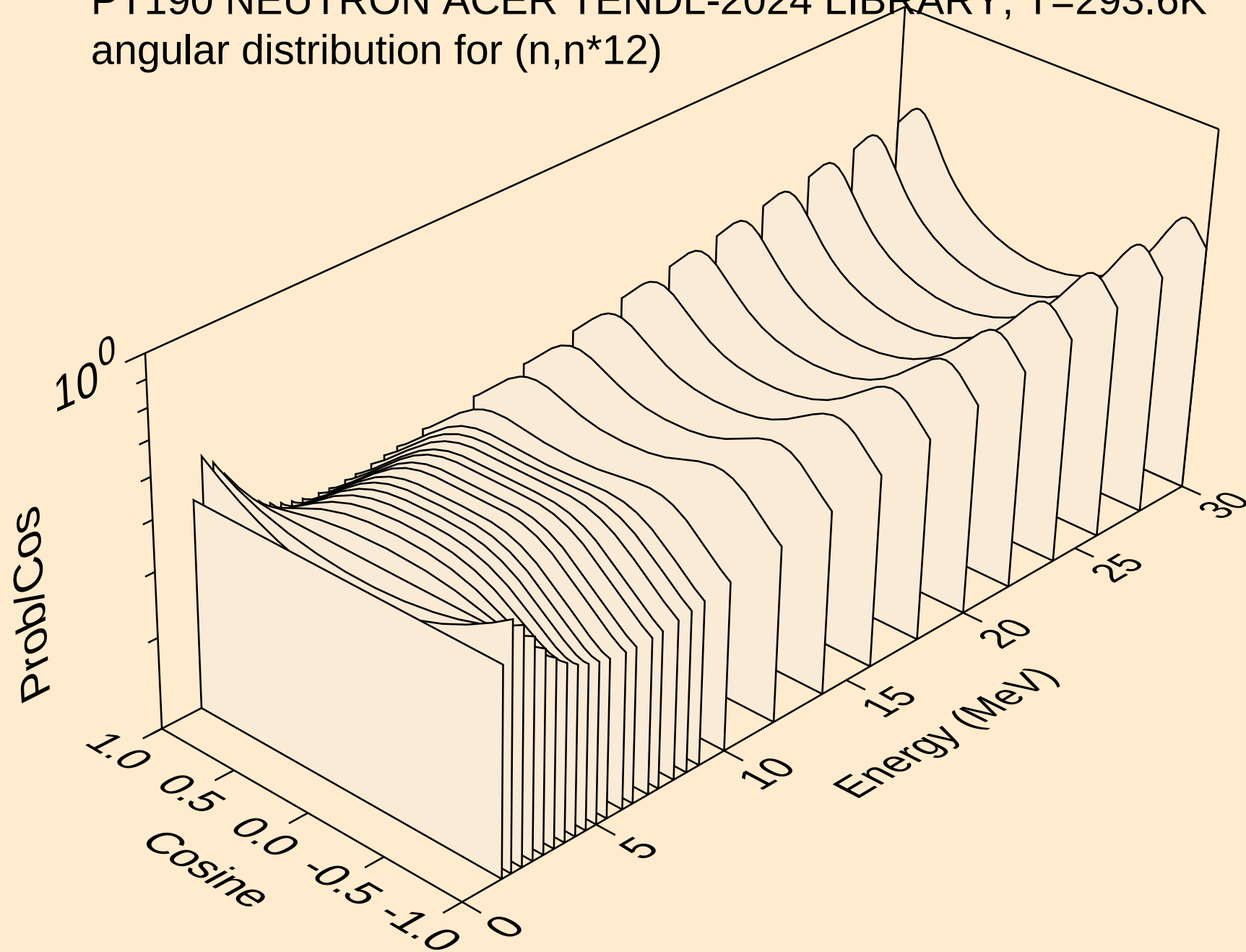
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



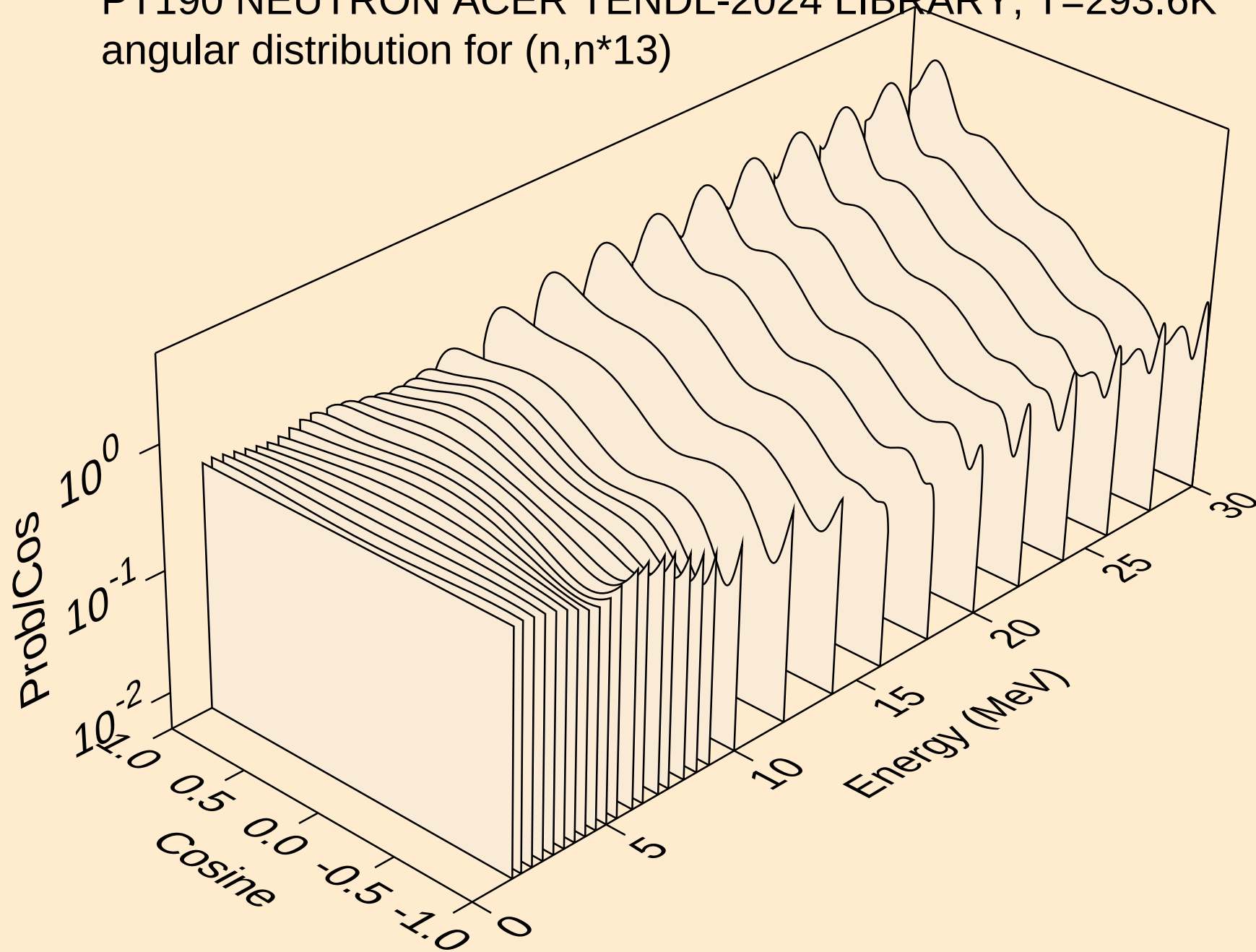
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



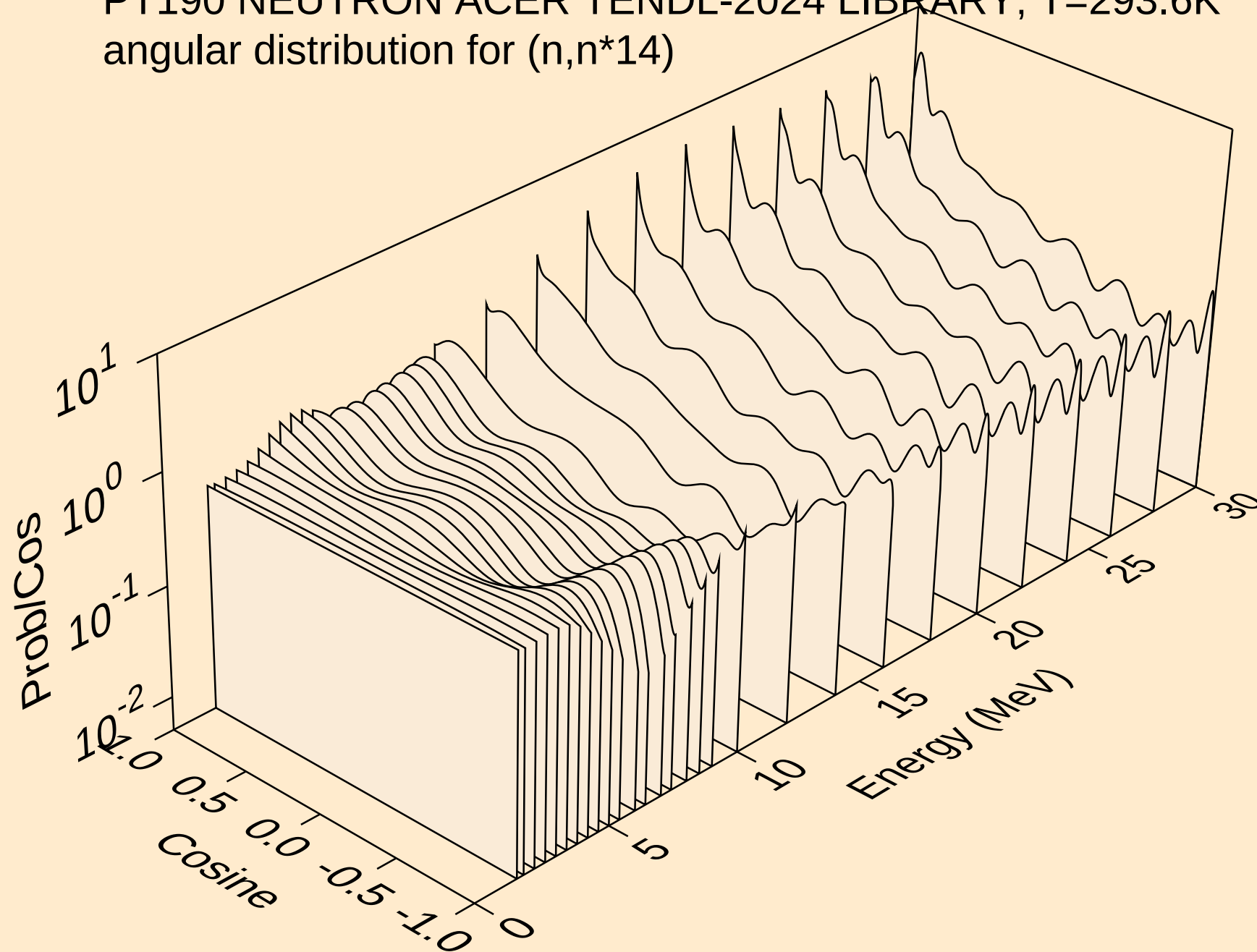
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



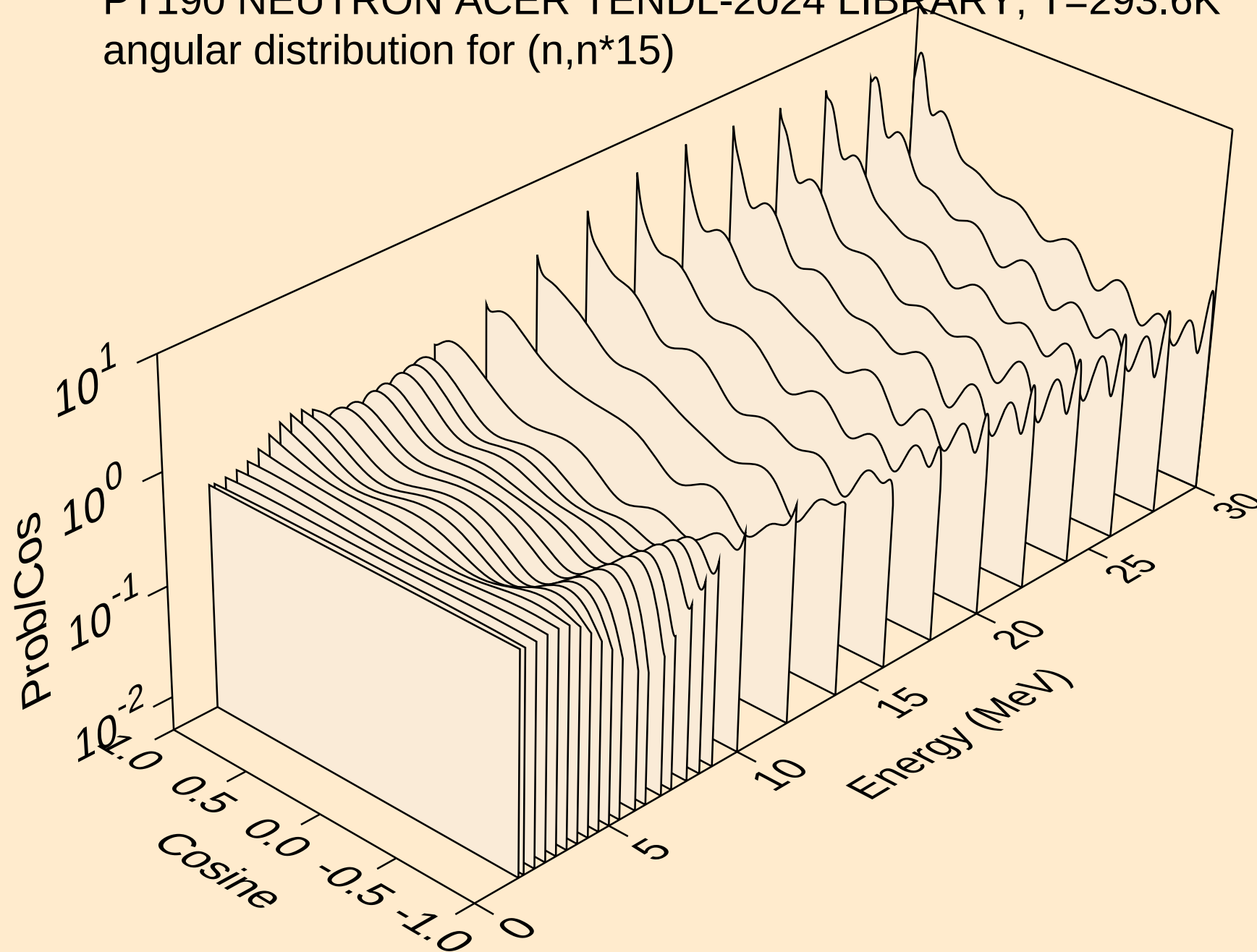
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



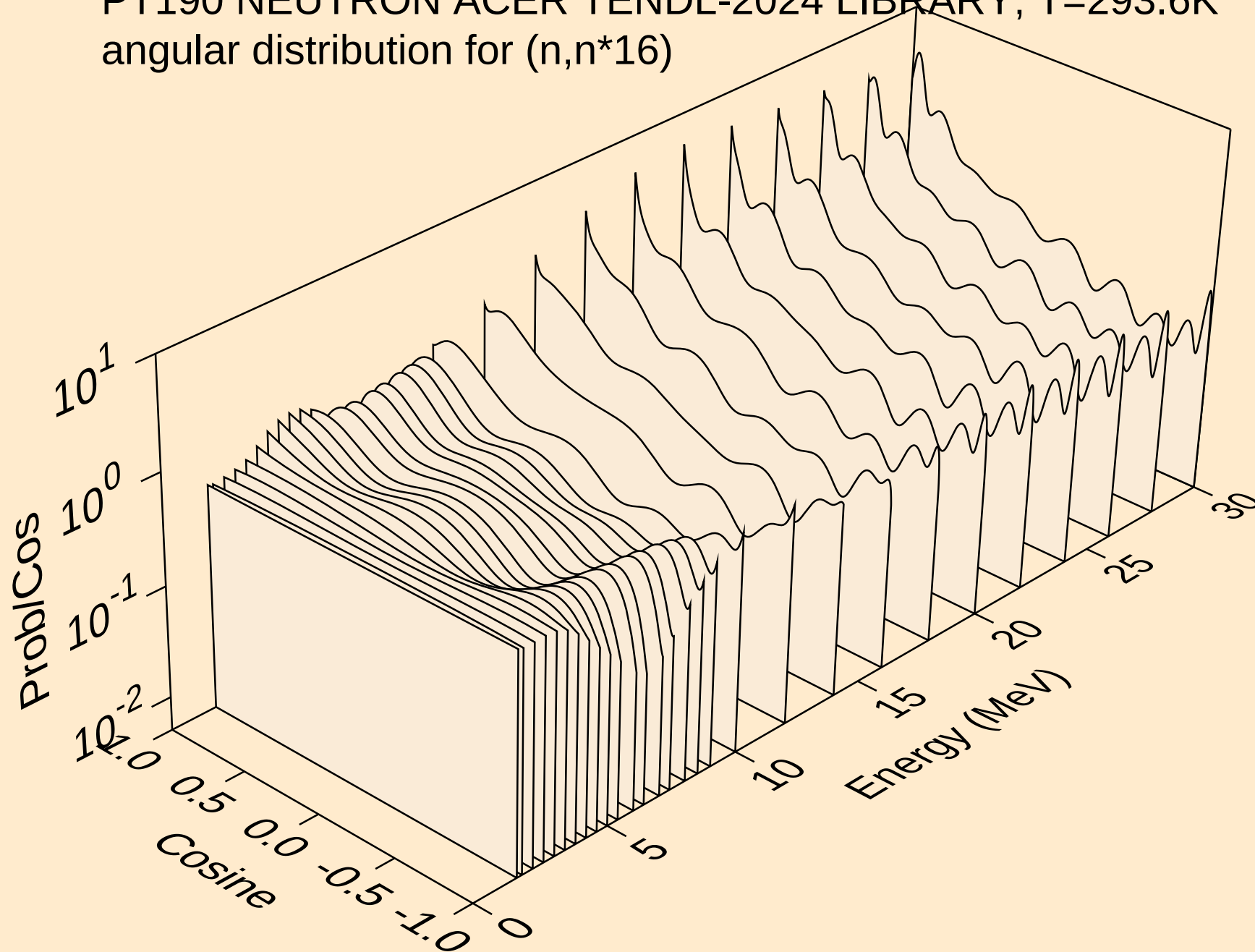
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angular distribution for (n,n\*14)



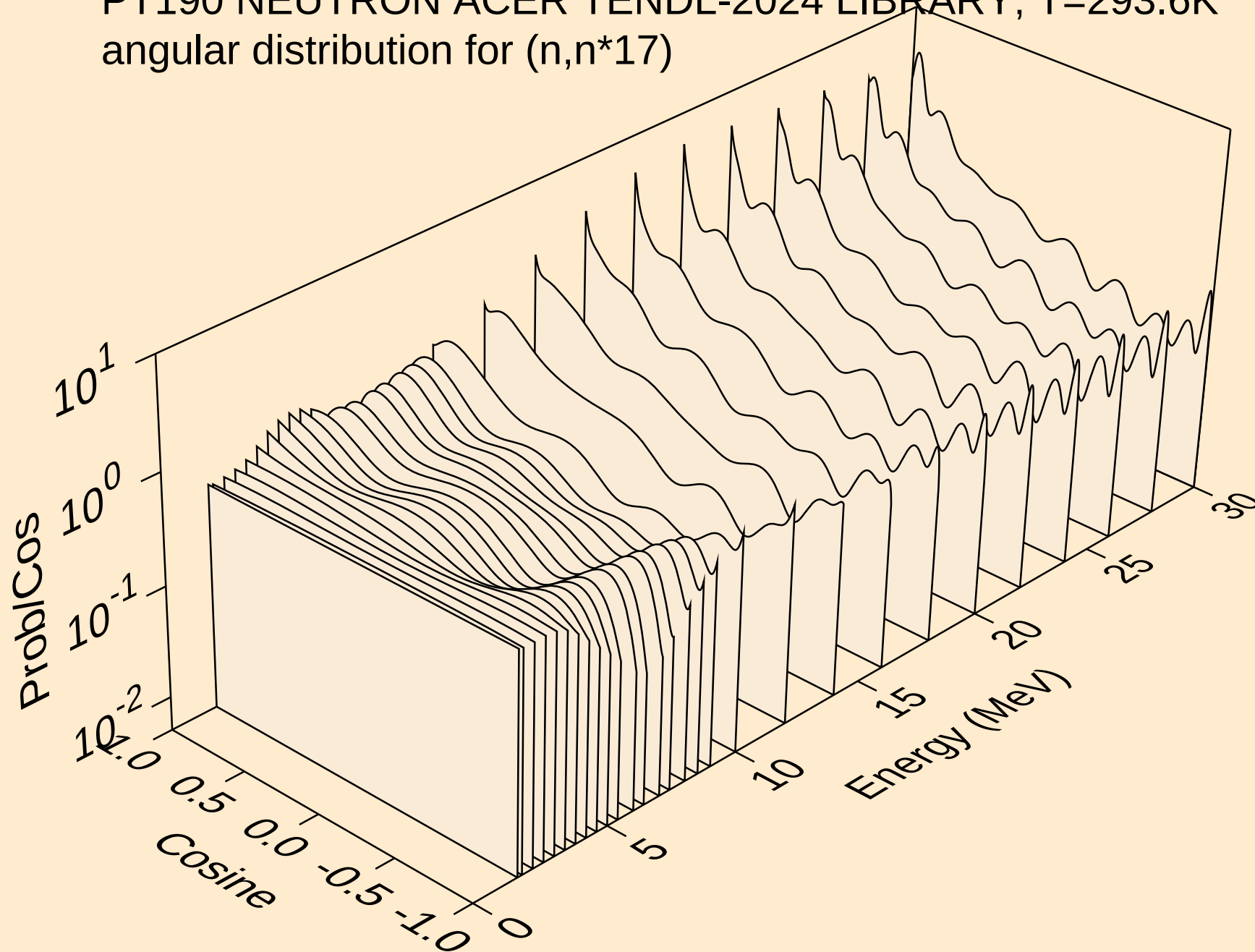
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angular distribution for (n,n\*15)



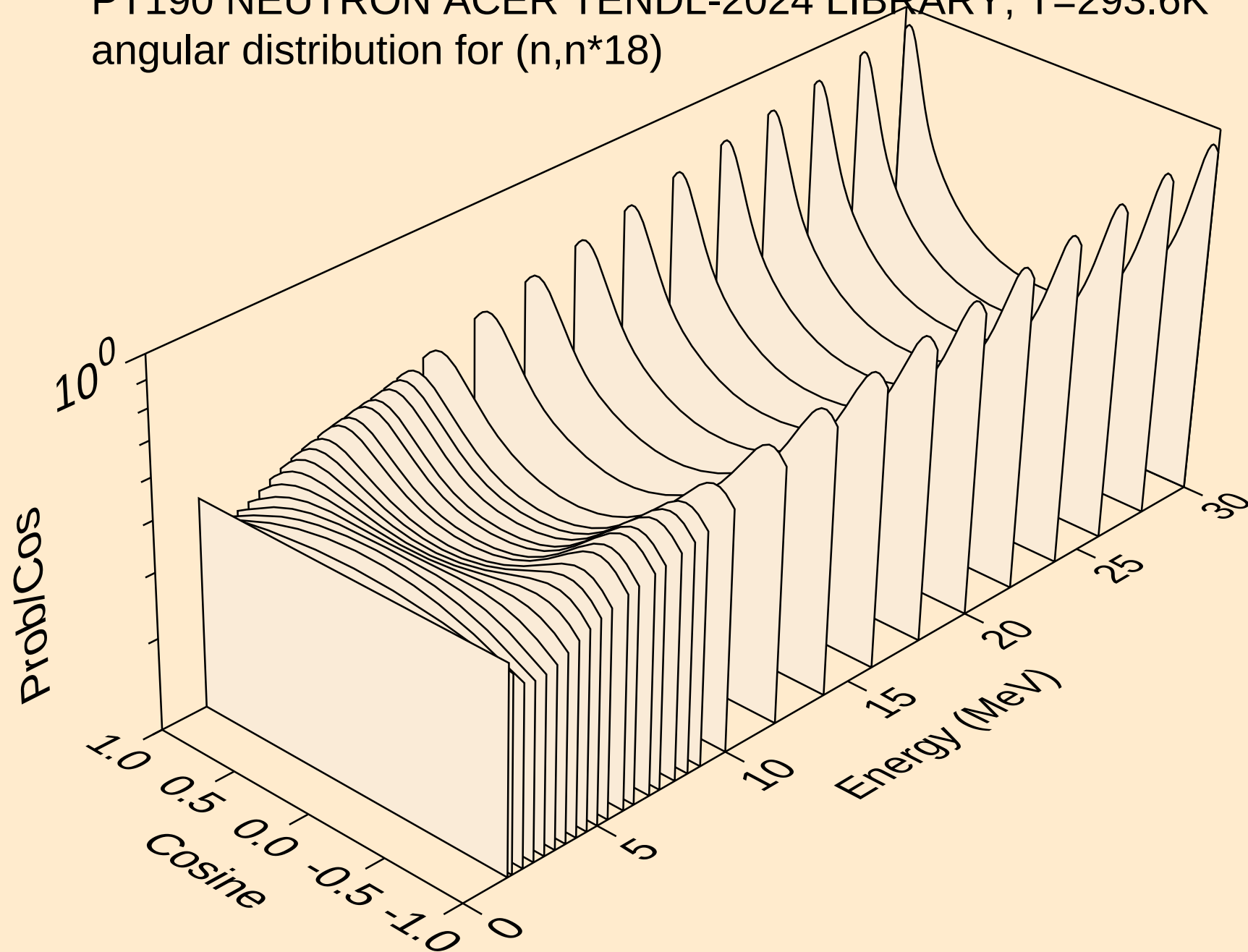
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



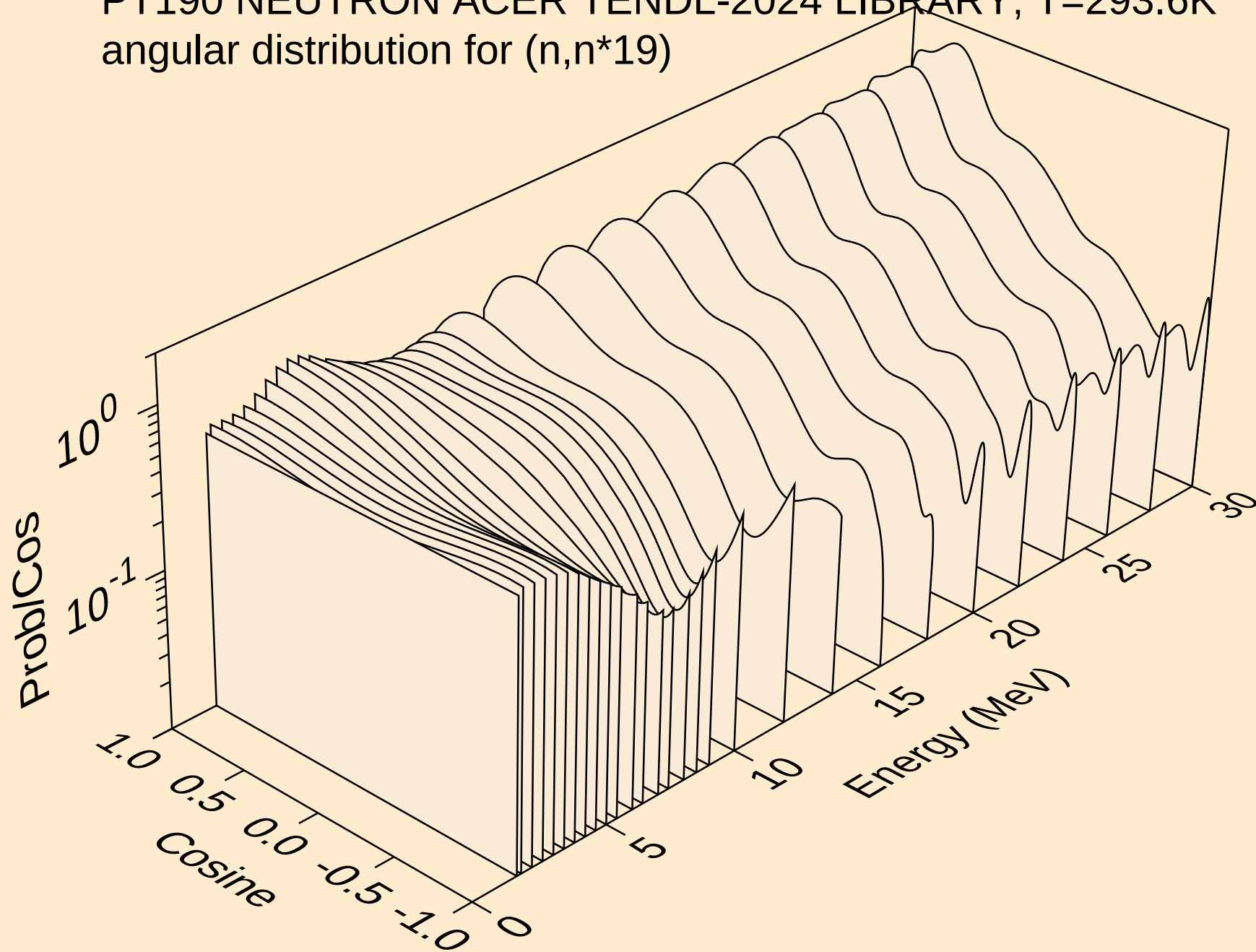
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



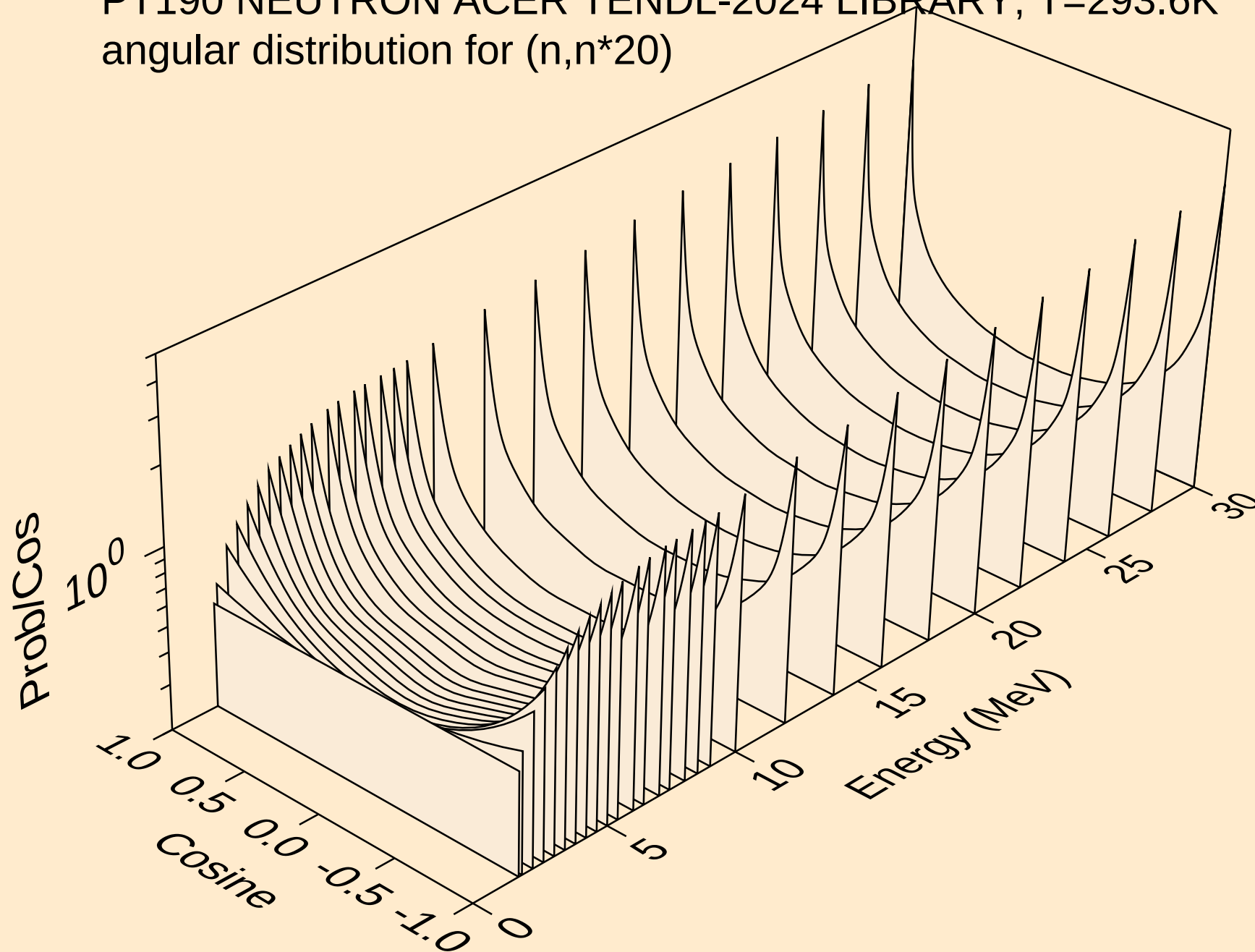
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



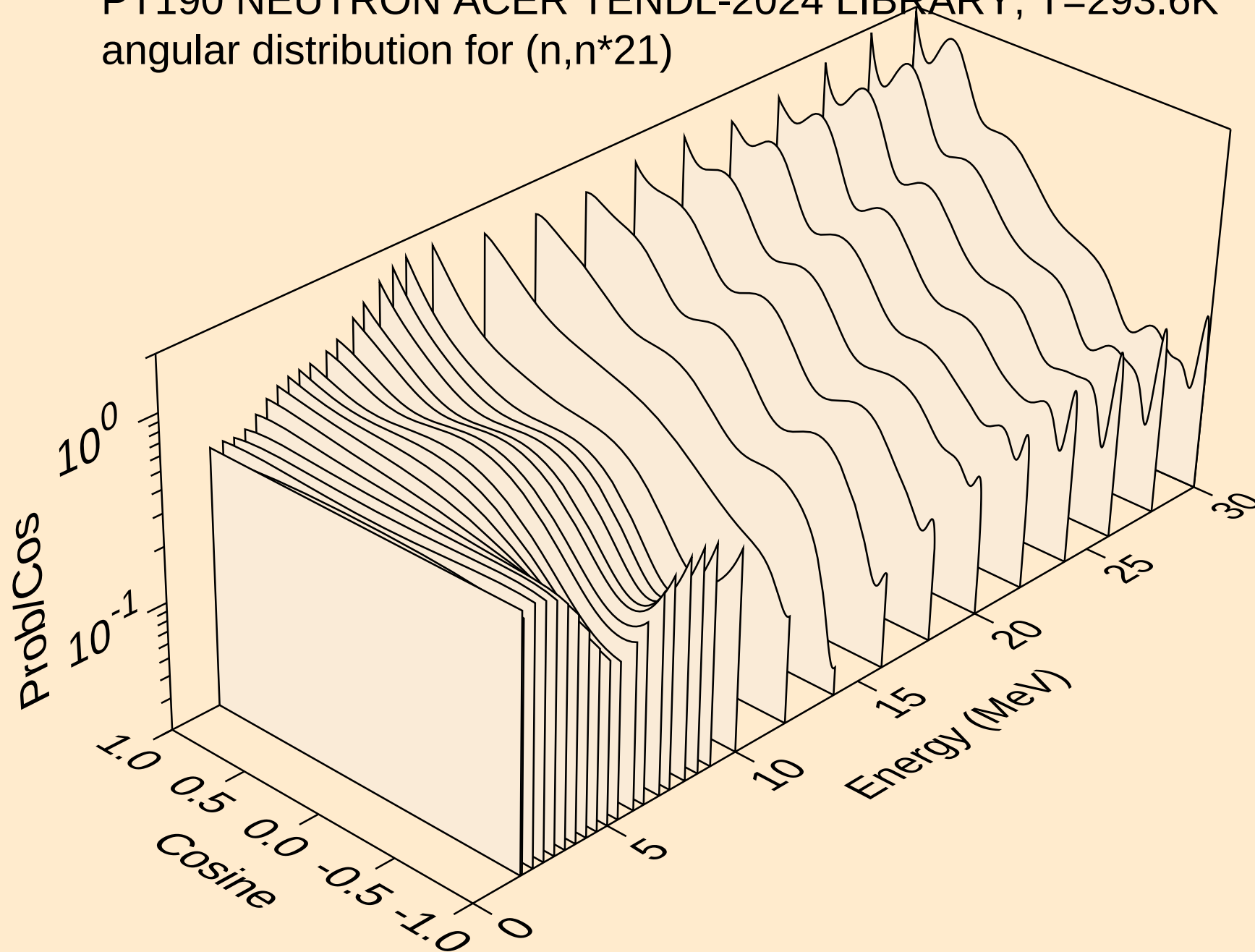
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



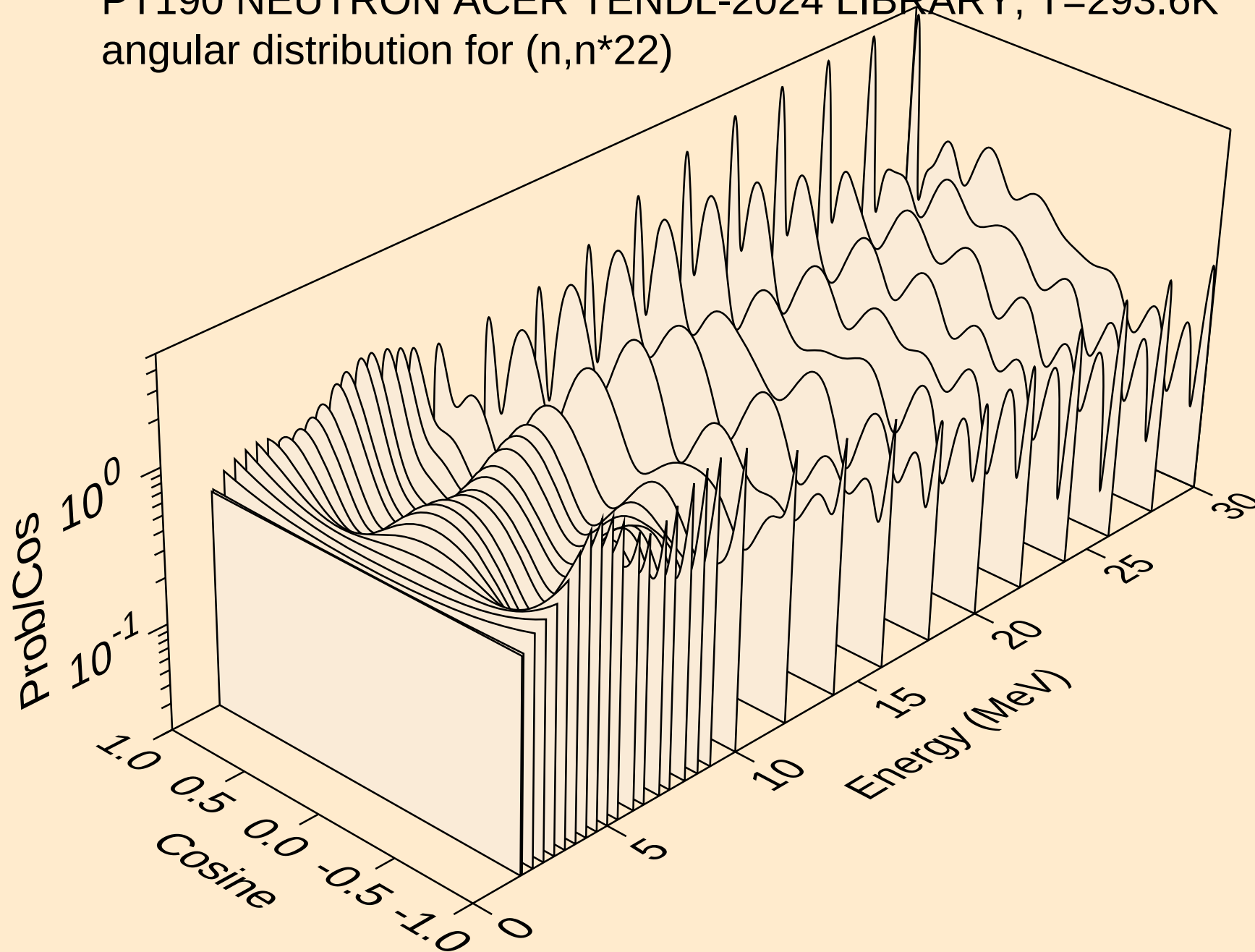
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



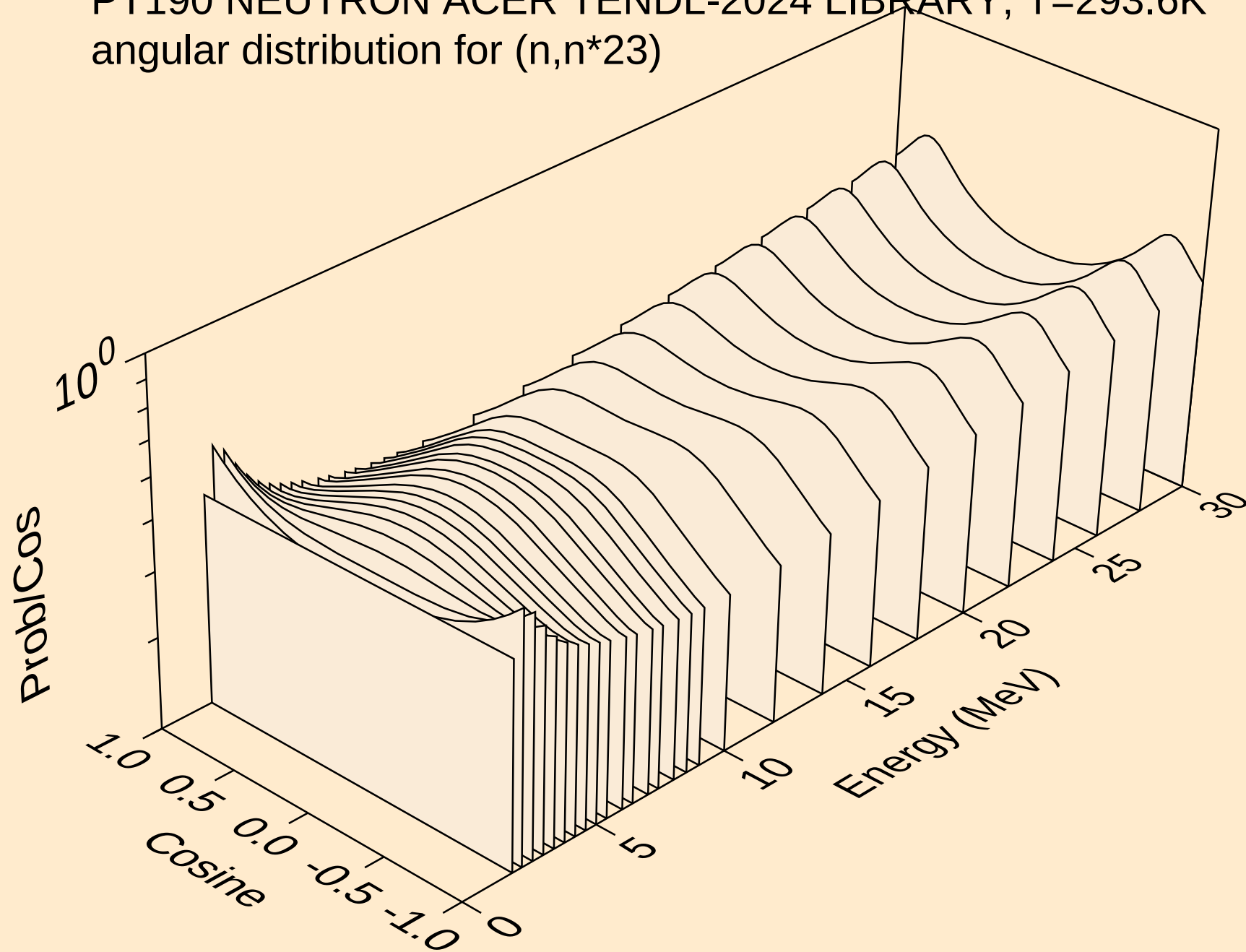
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



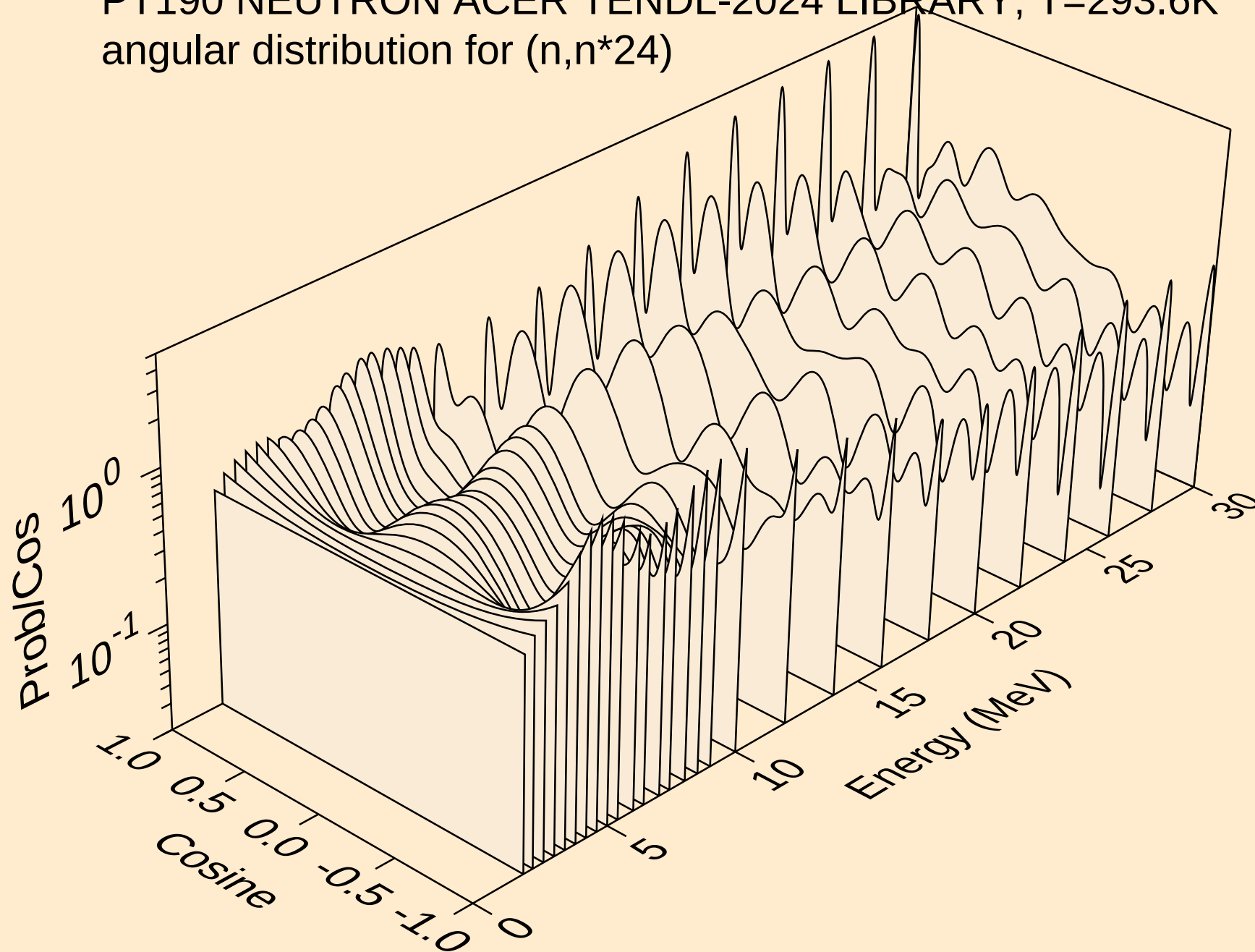
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



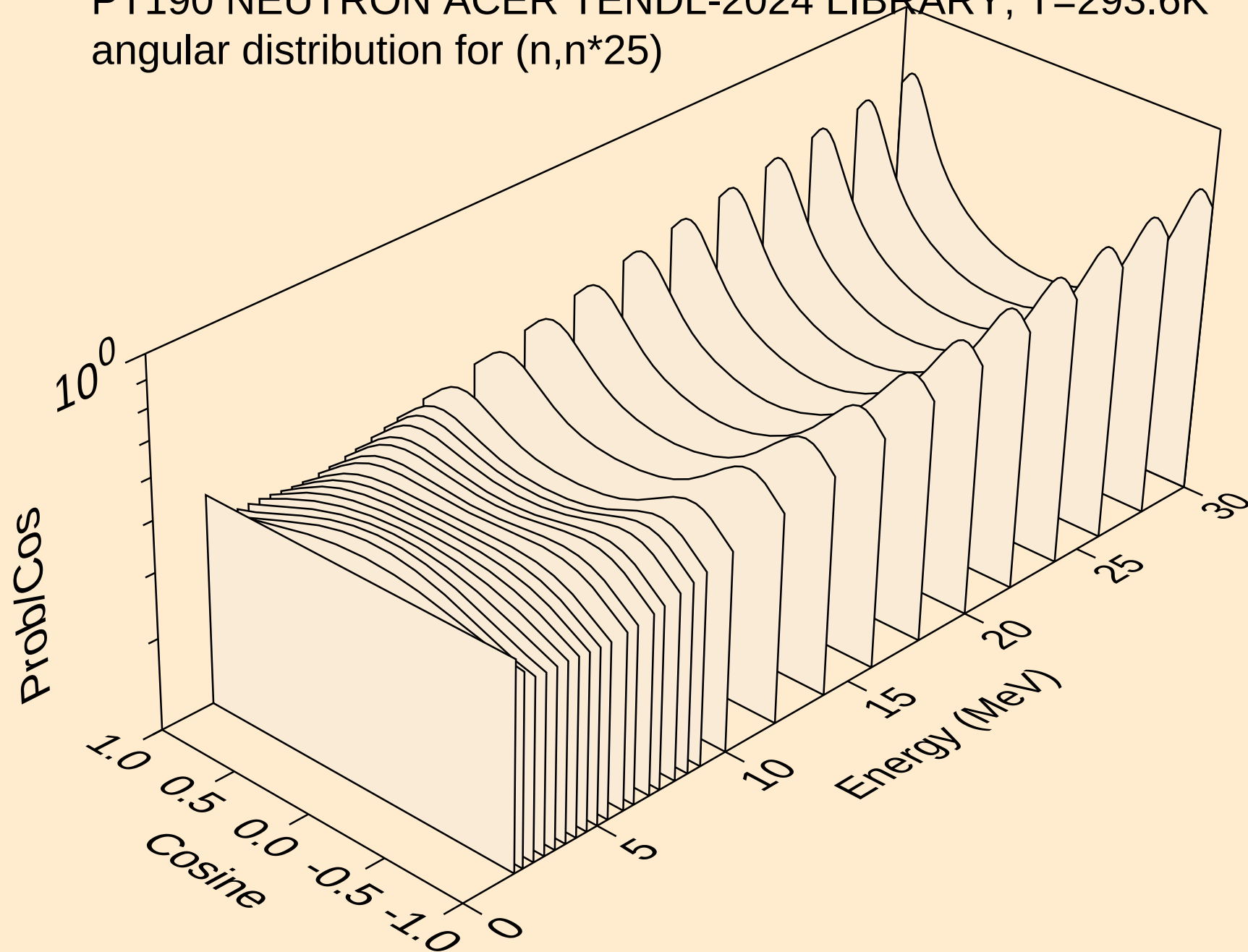
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



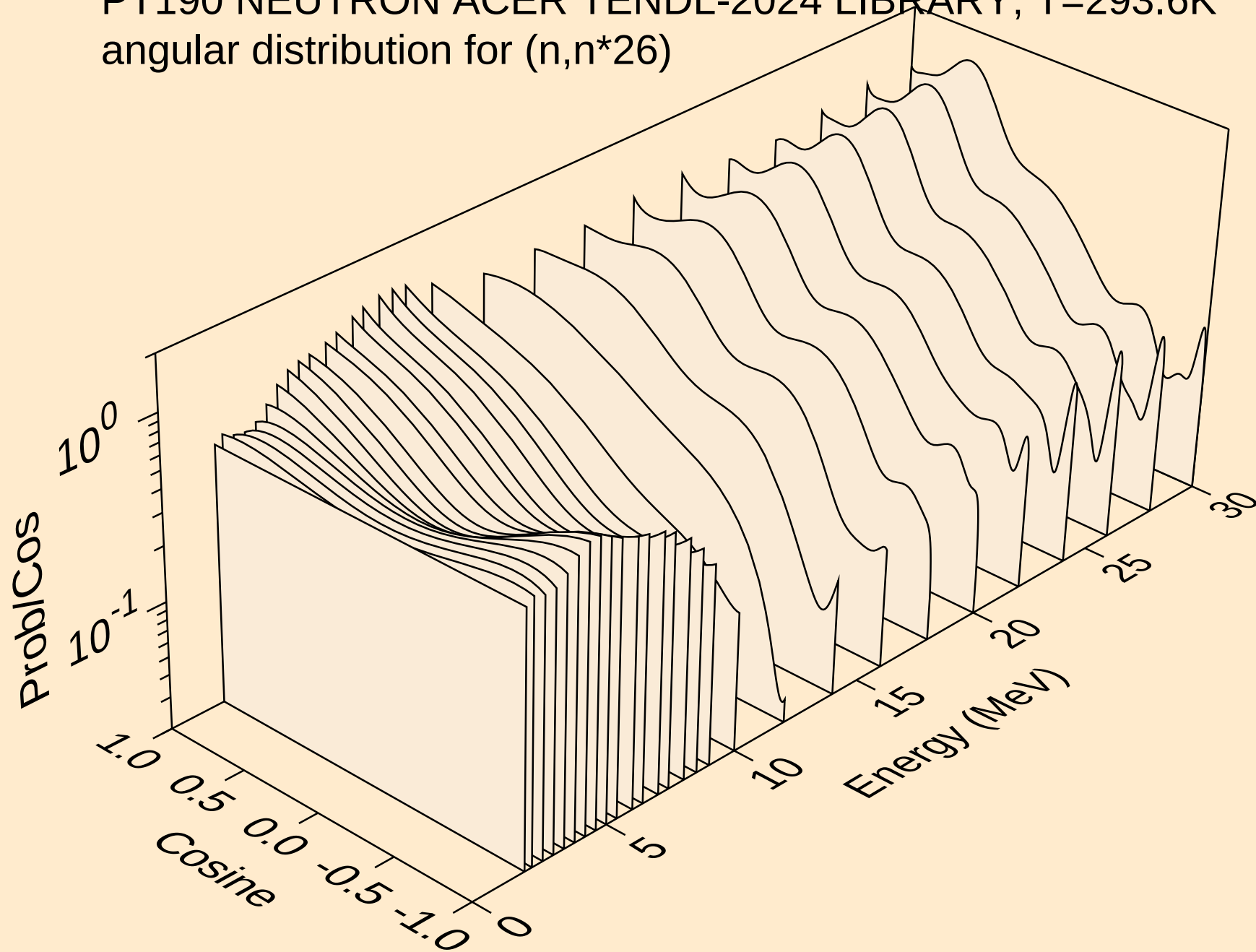
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)



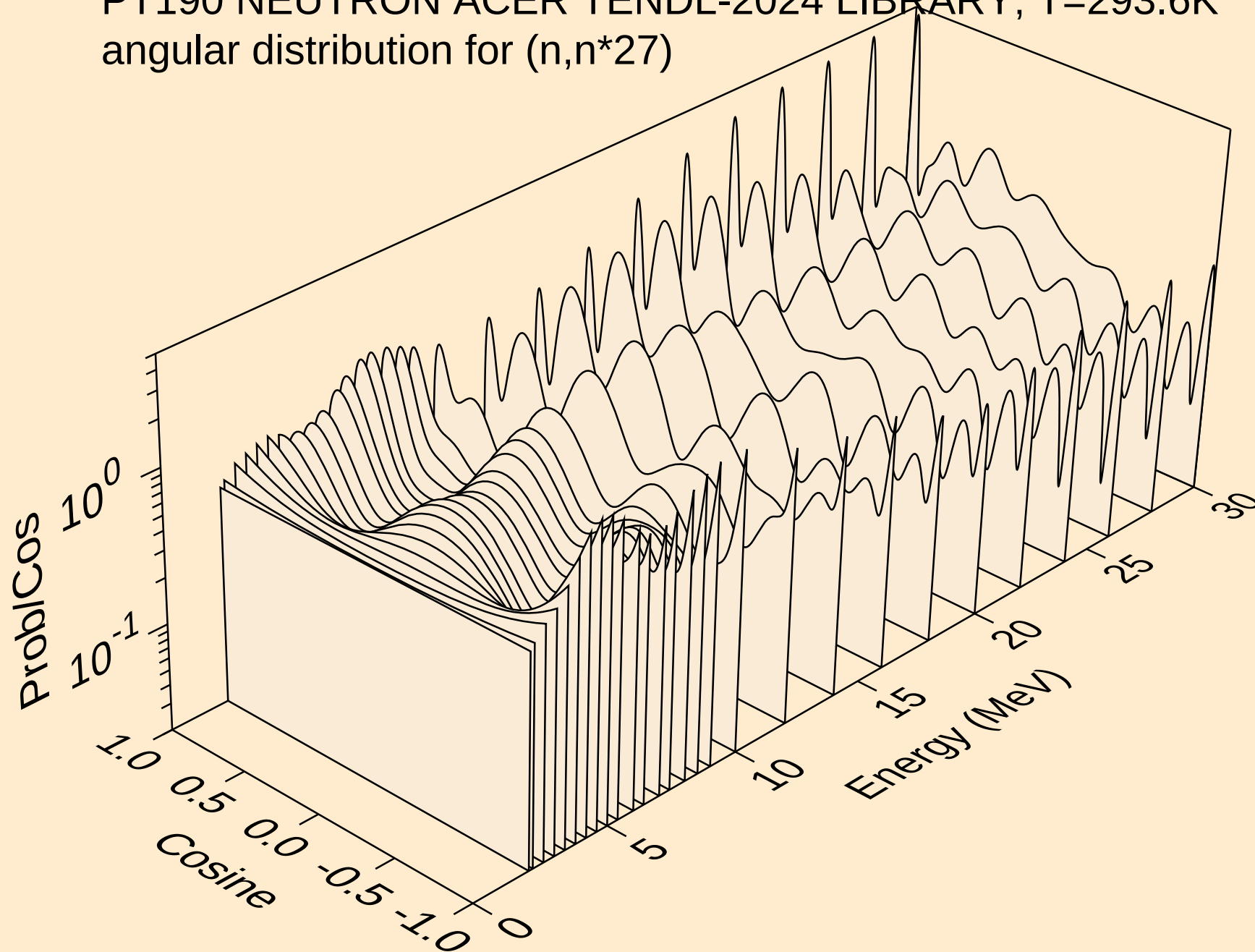
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angular distribution for (n,n\*25)



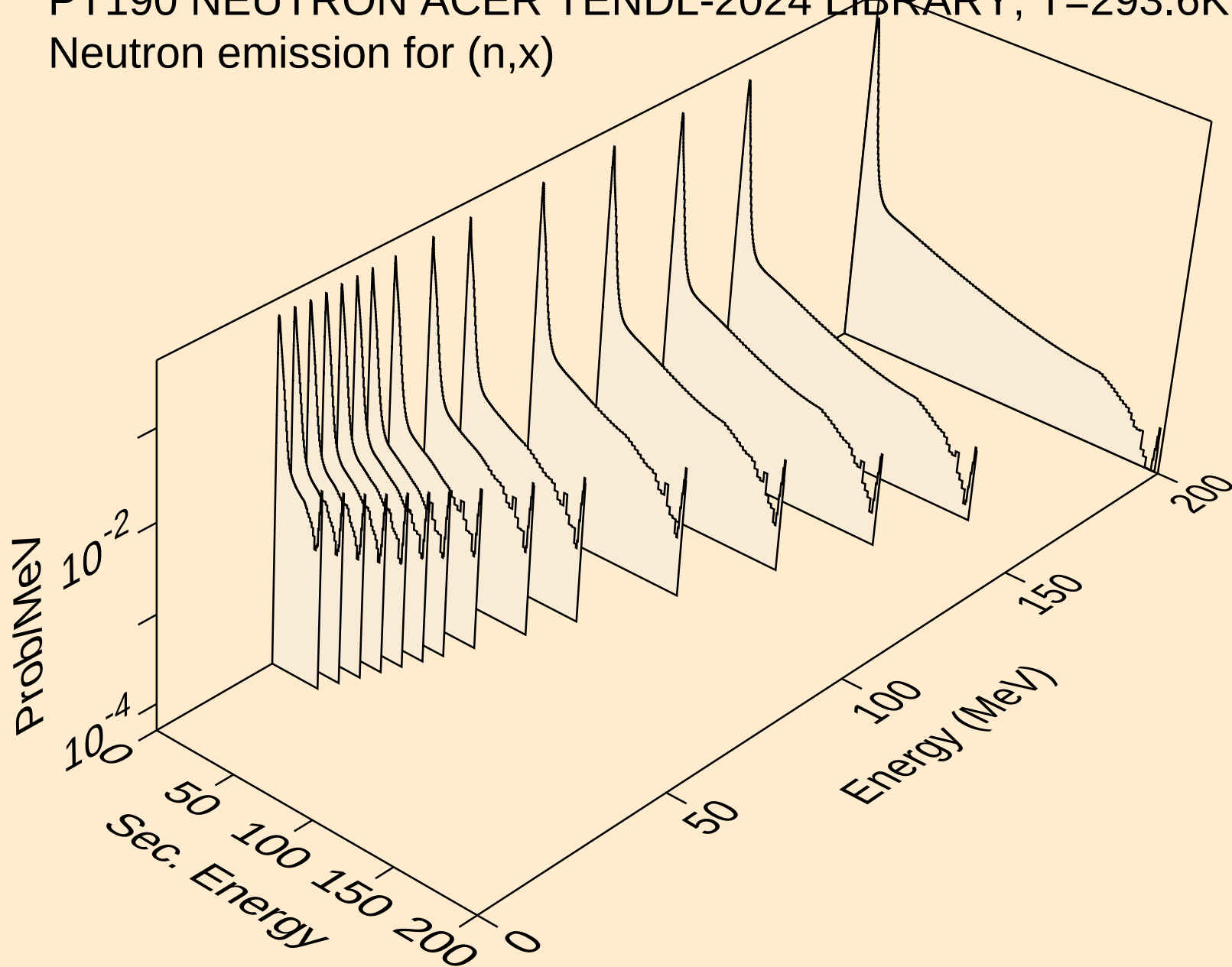
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



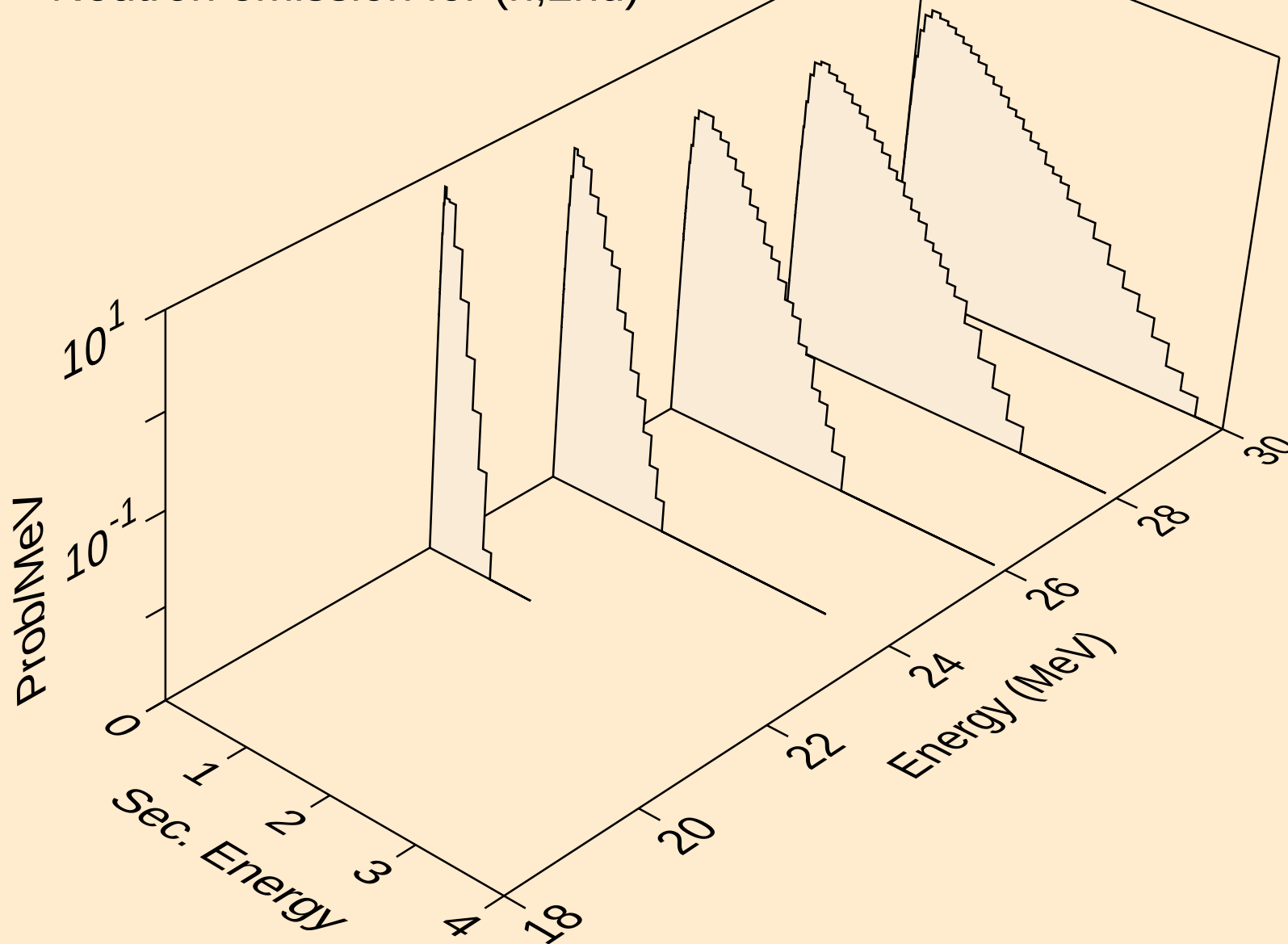
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



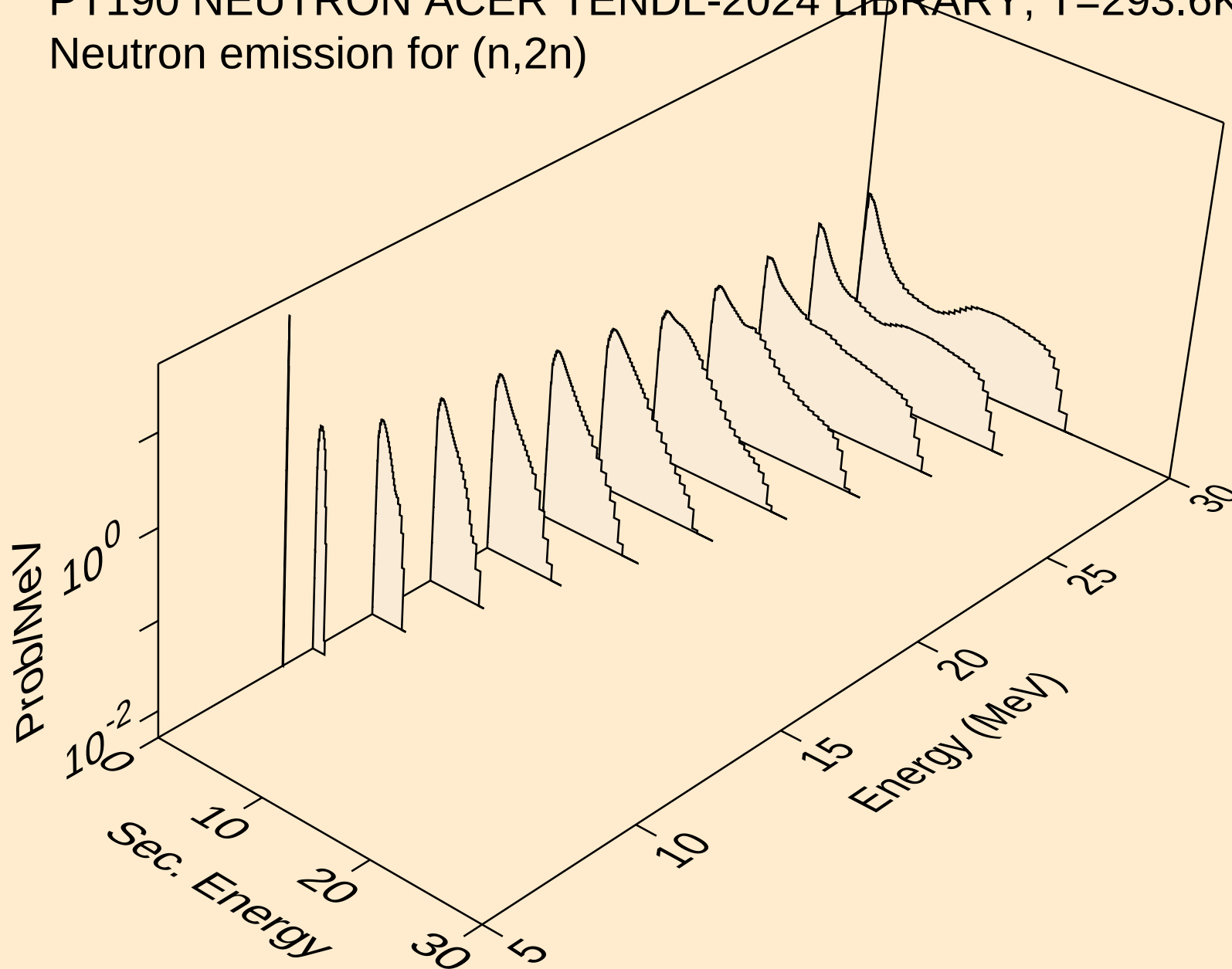
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



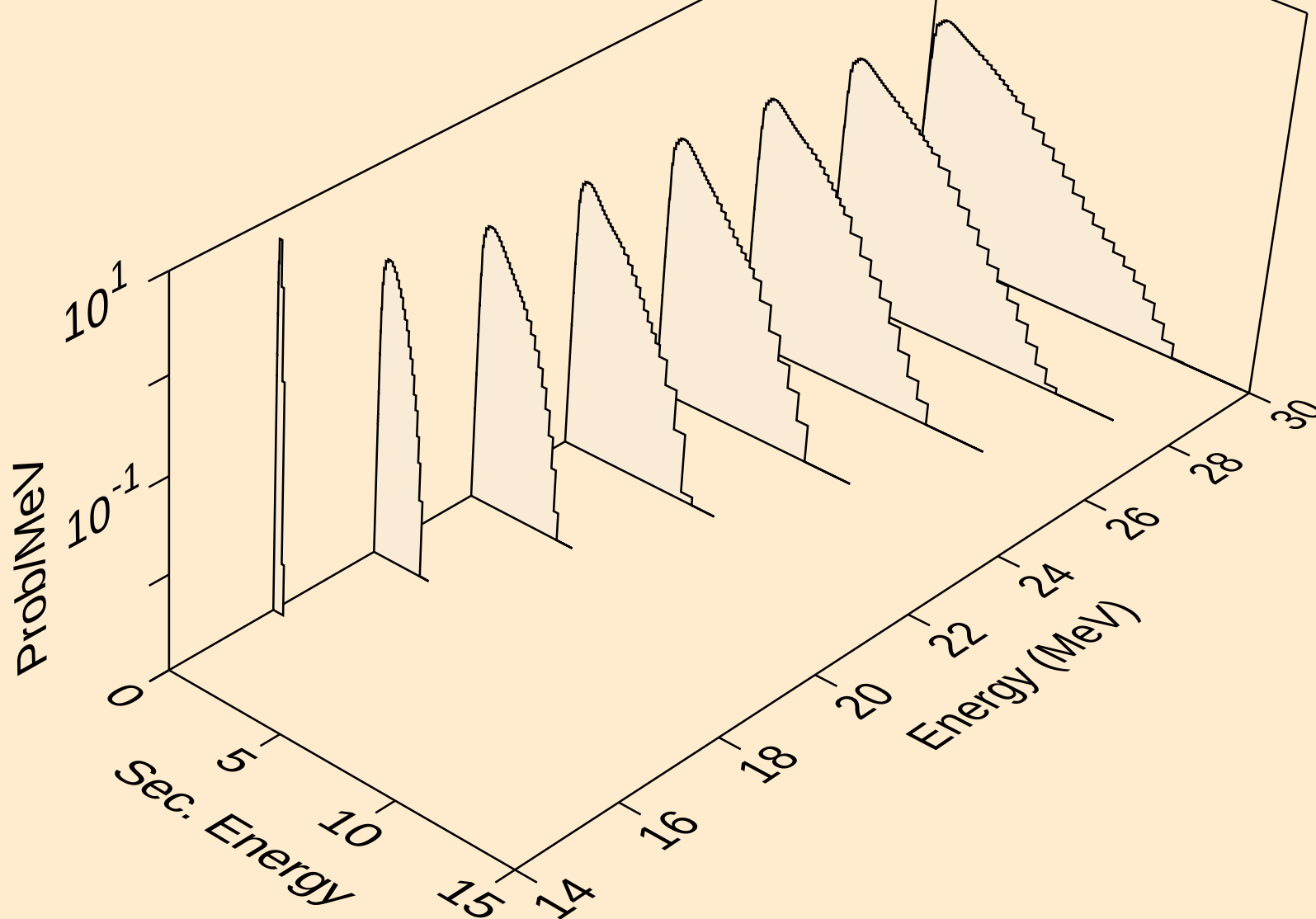
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



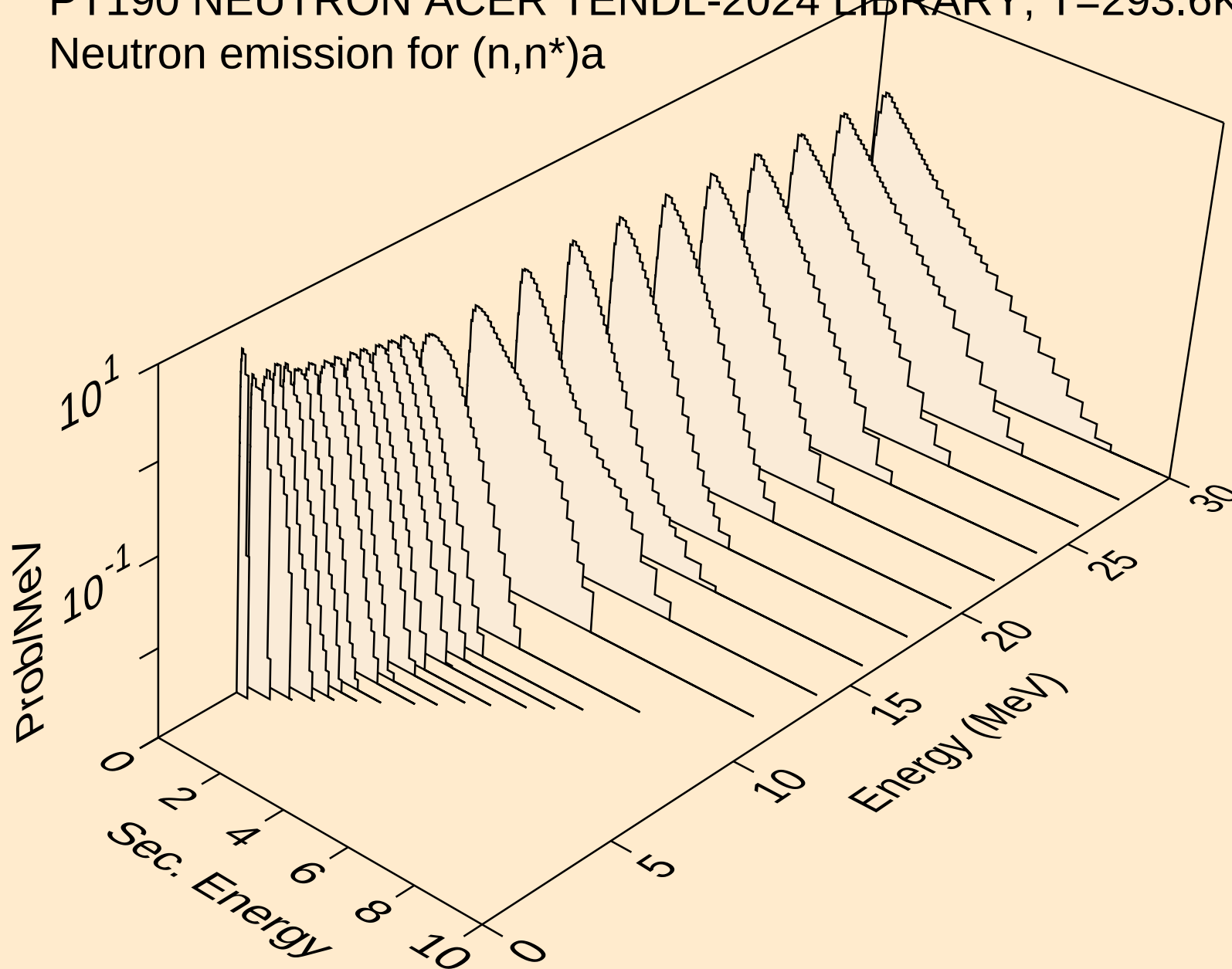
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



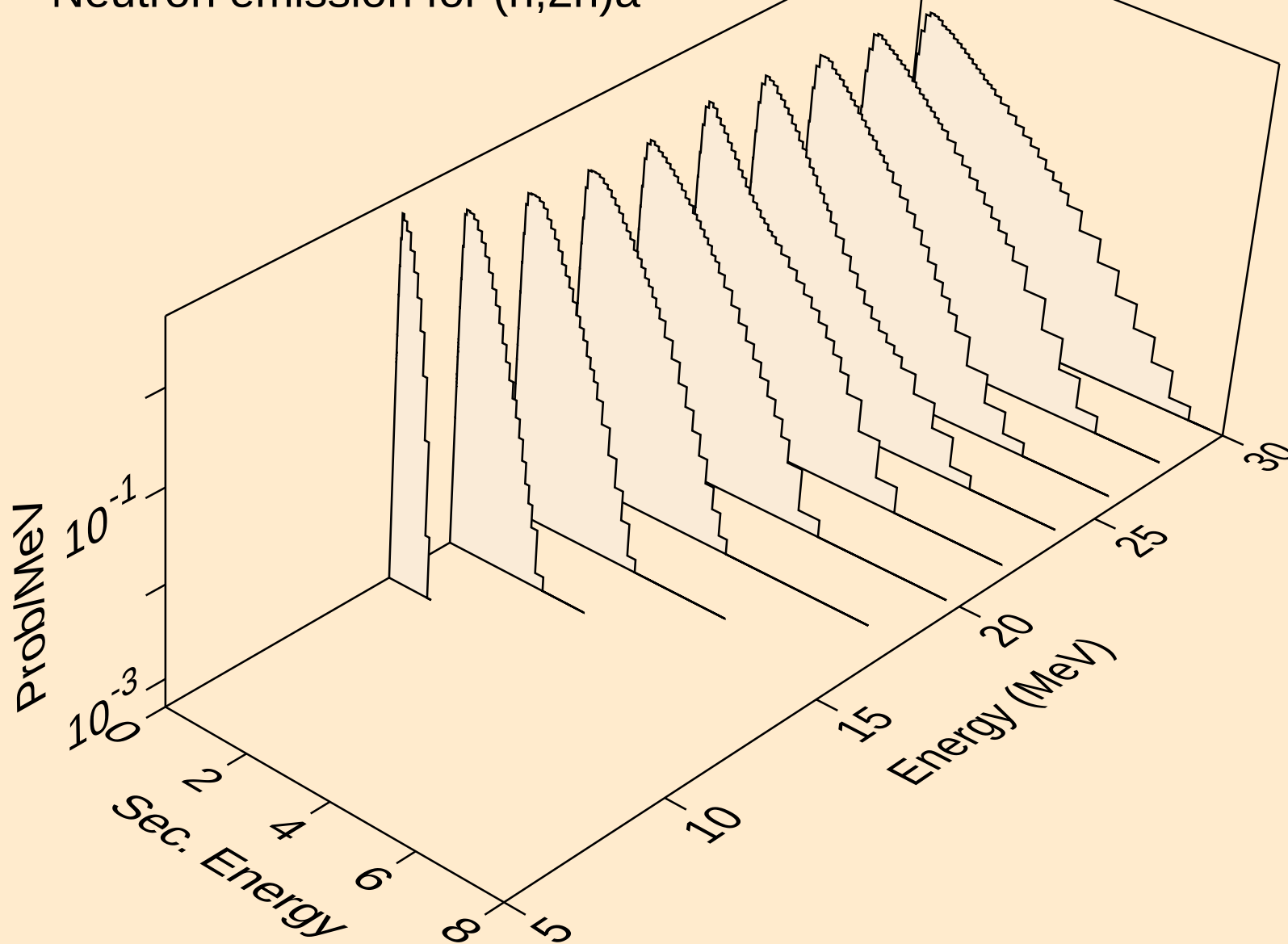
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



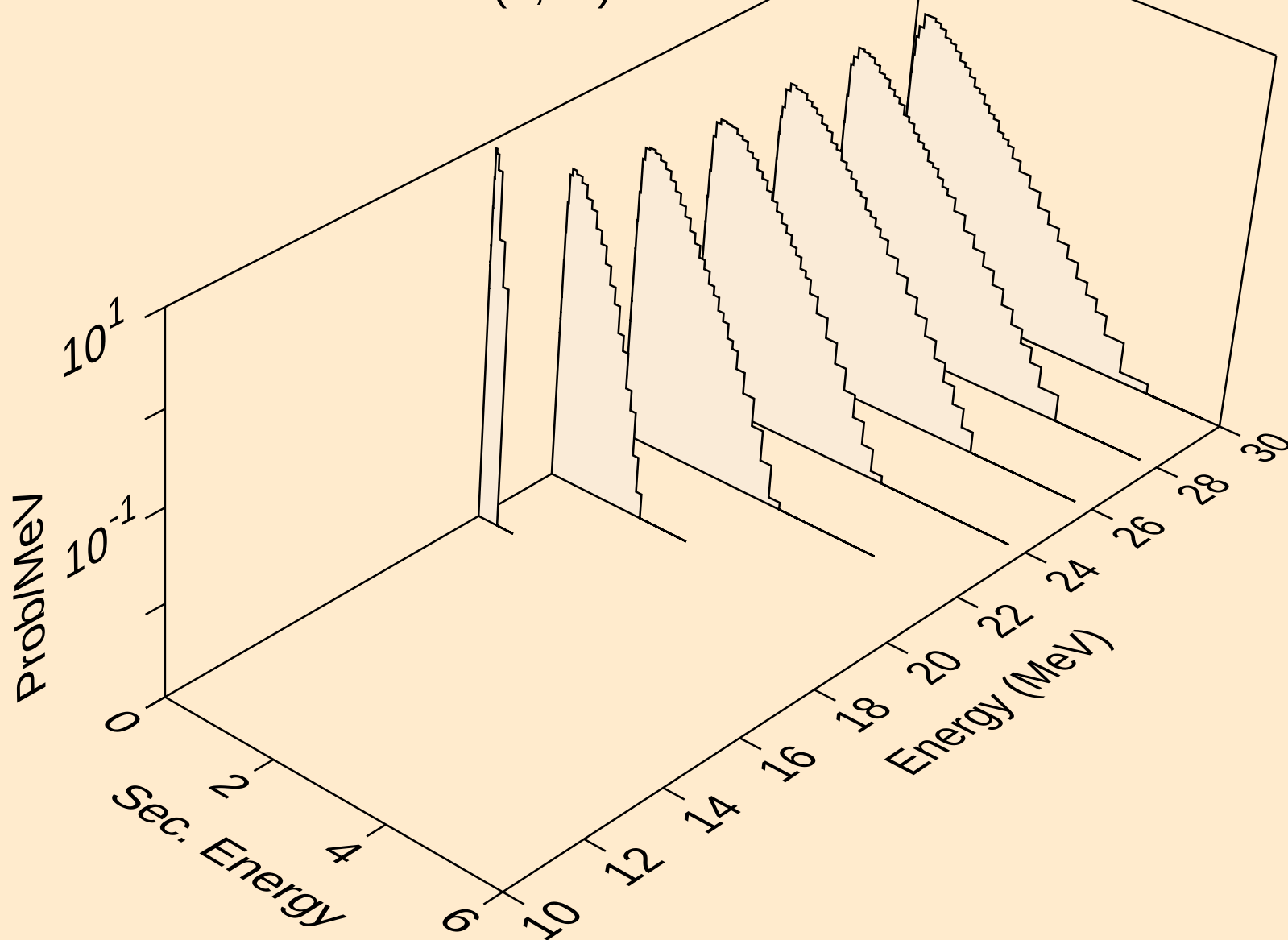
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



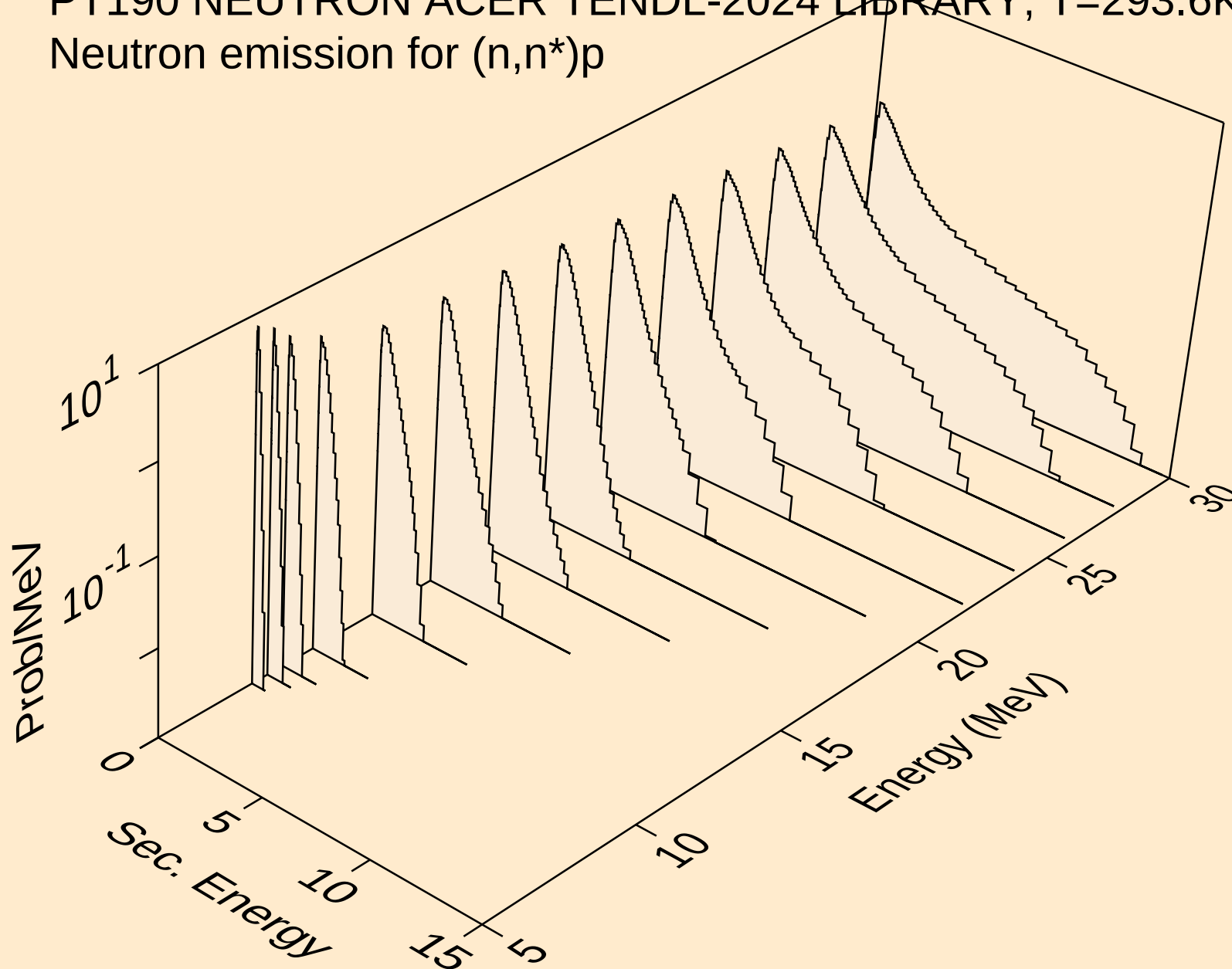
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



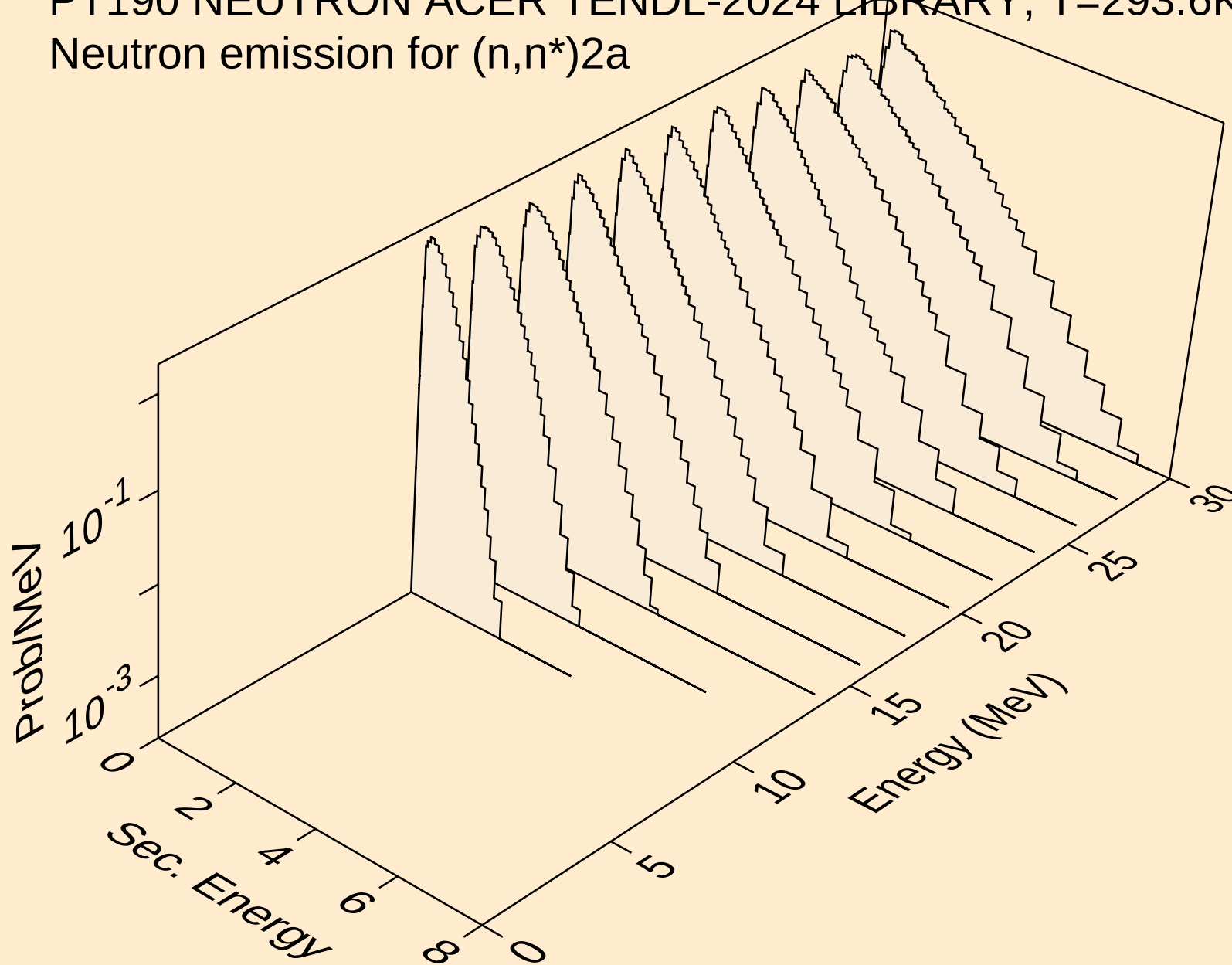
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)<sub>a</sub>



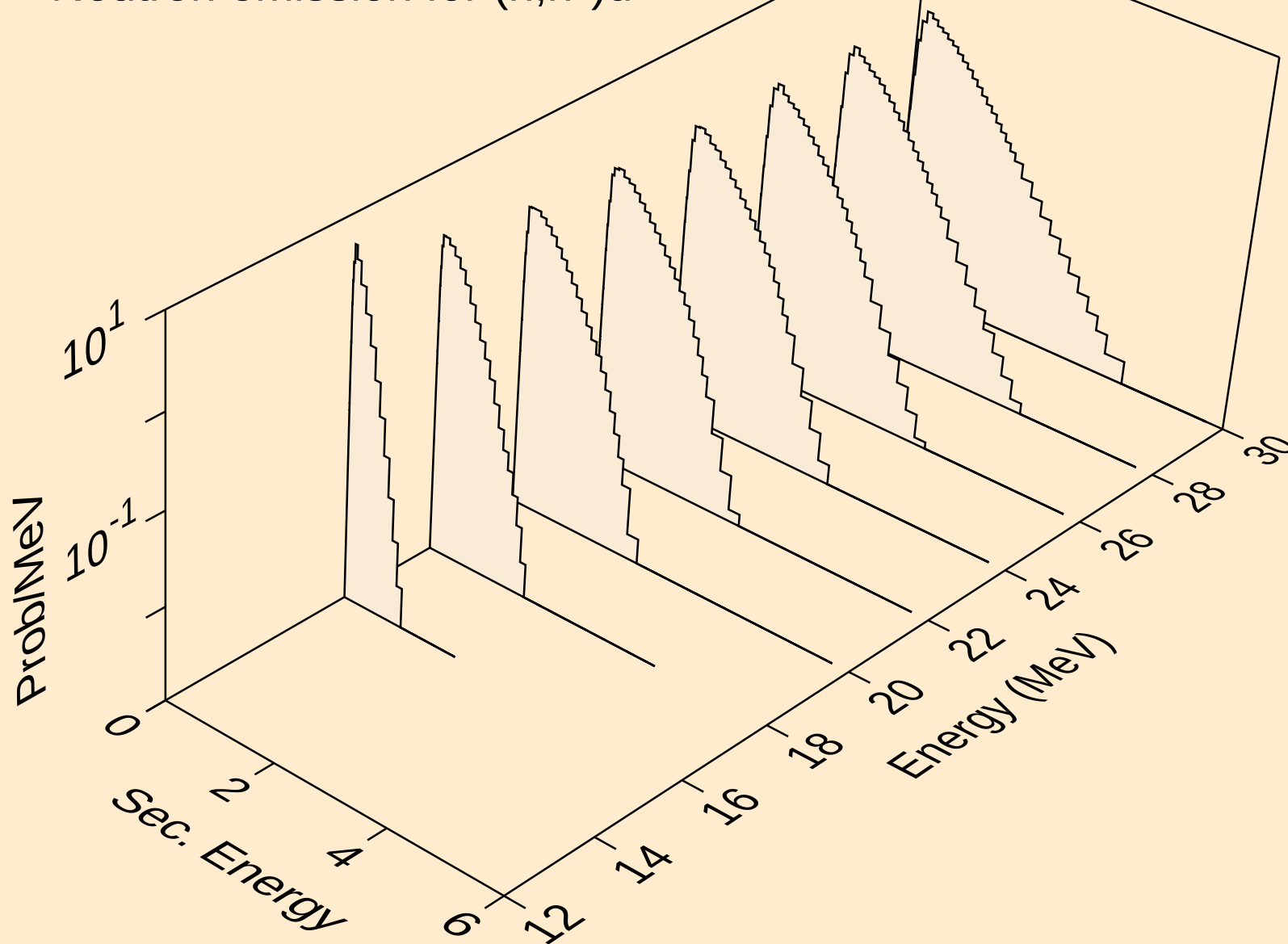
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



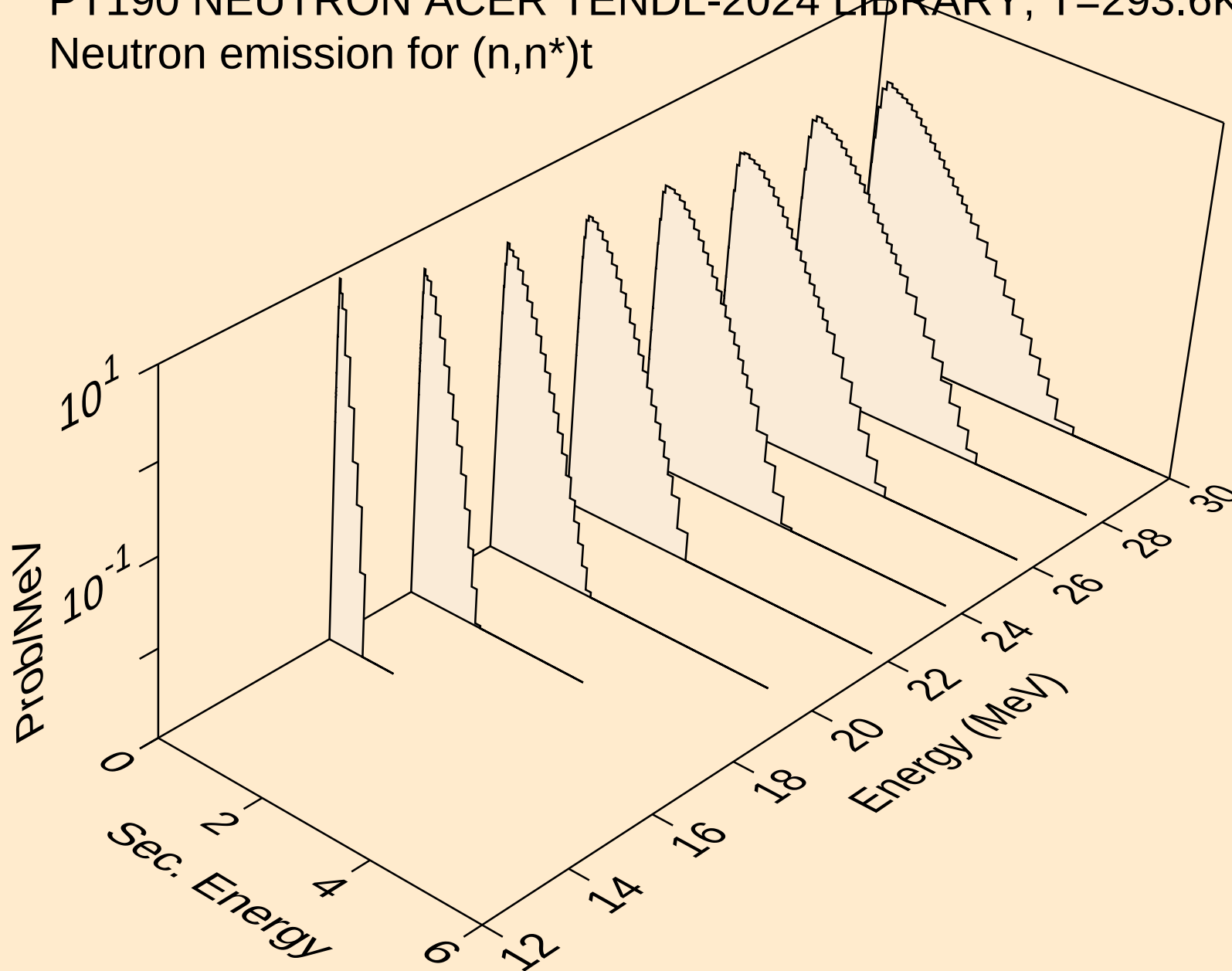
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



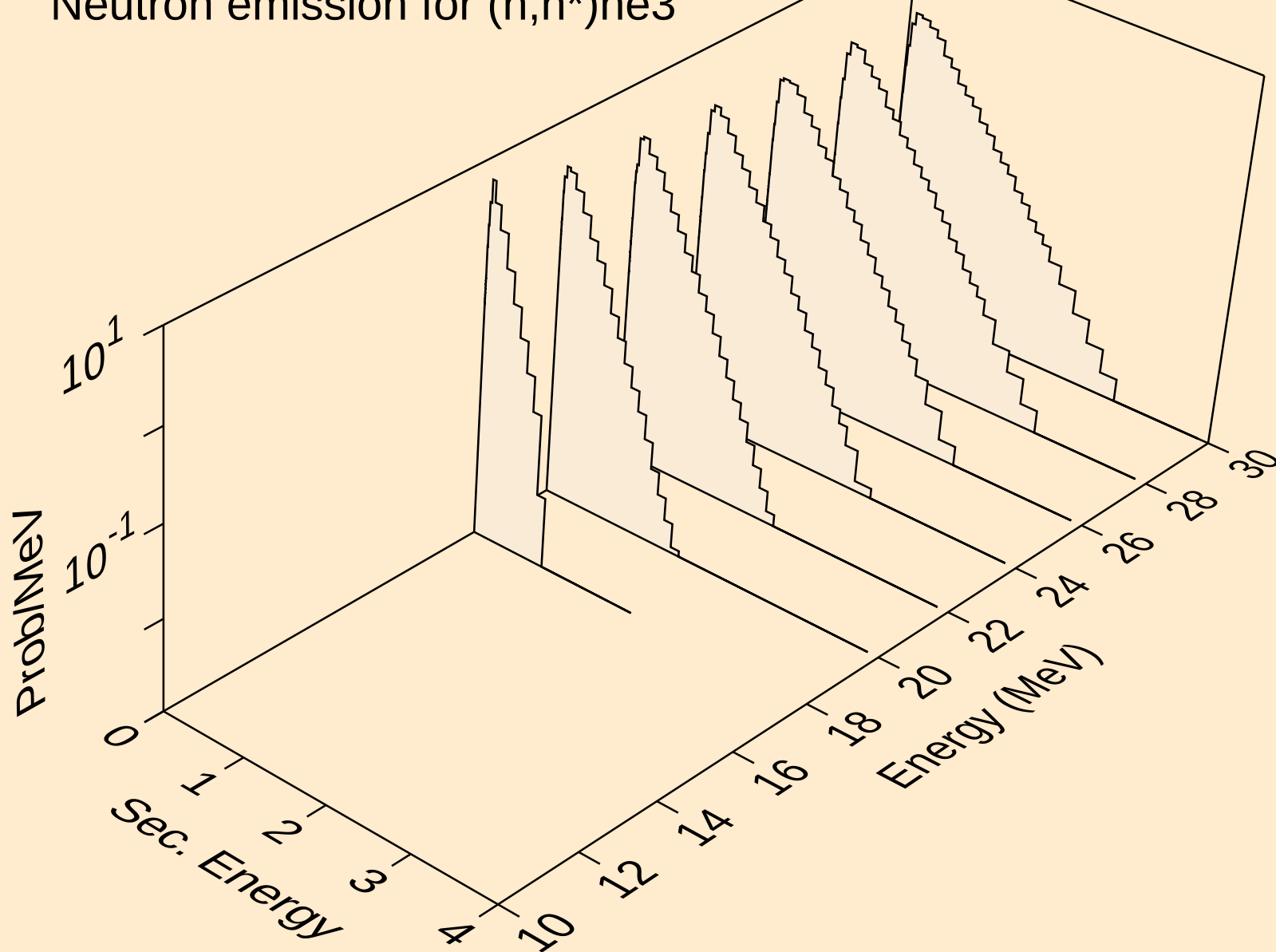
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



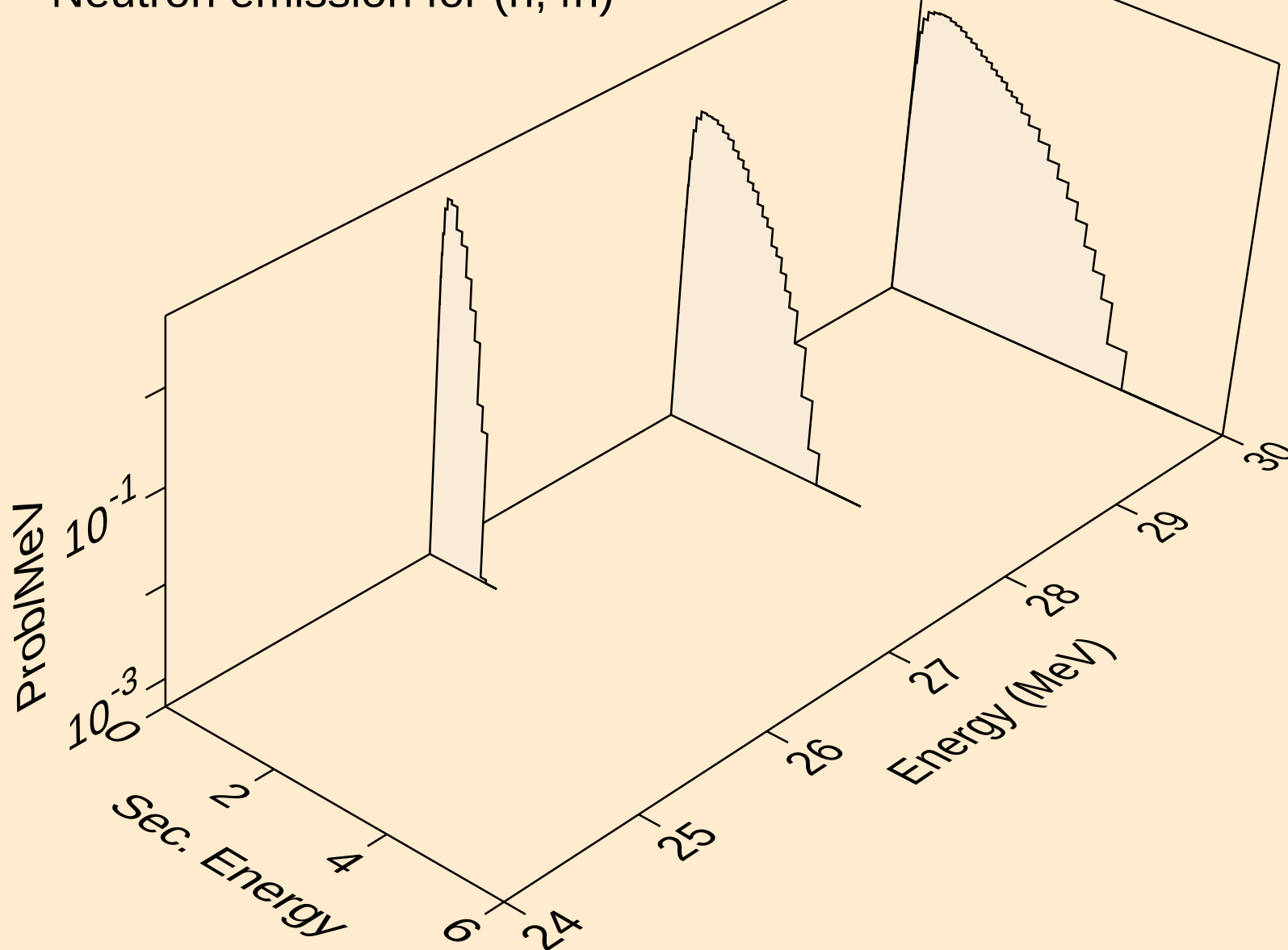
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



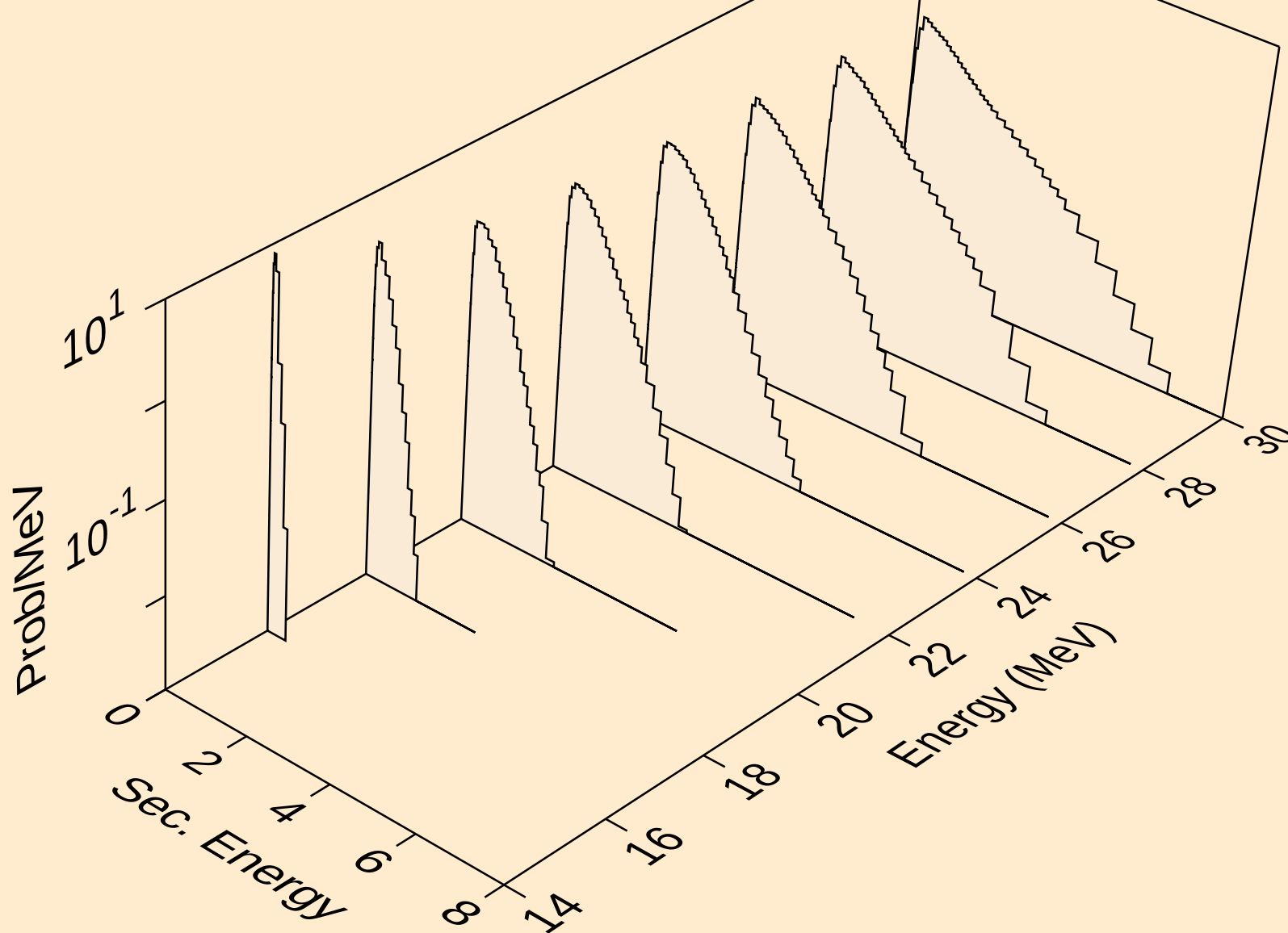
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



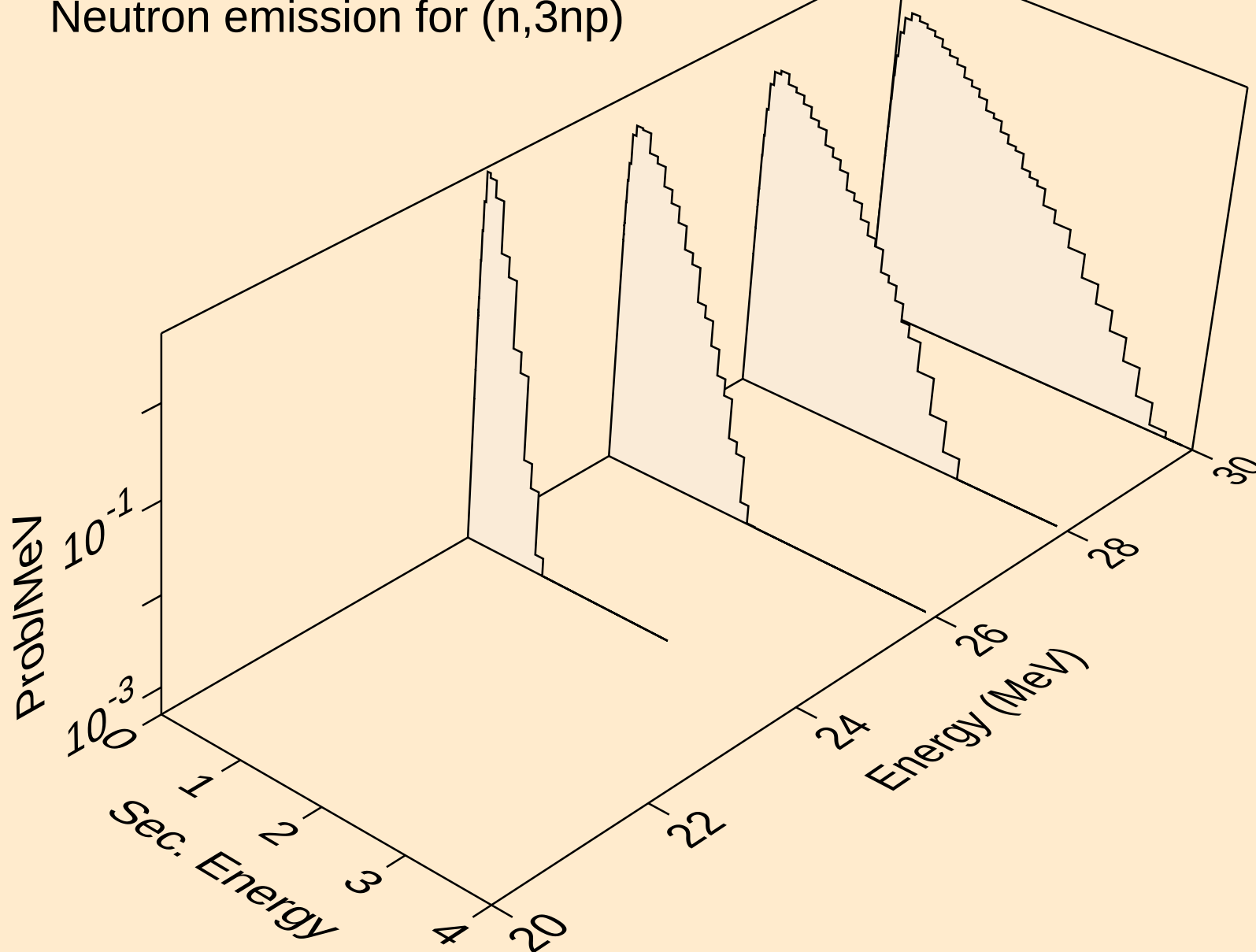
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



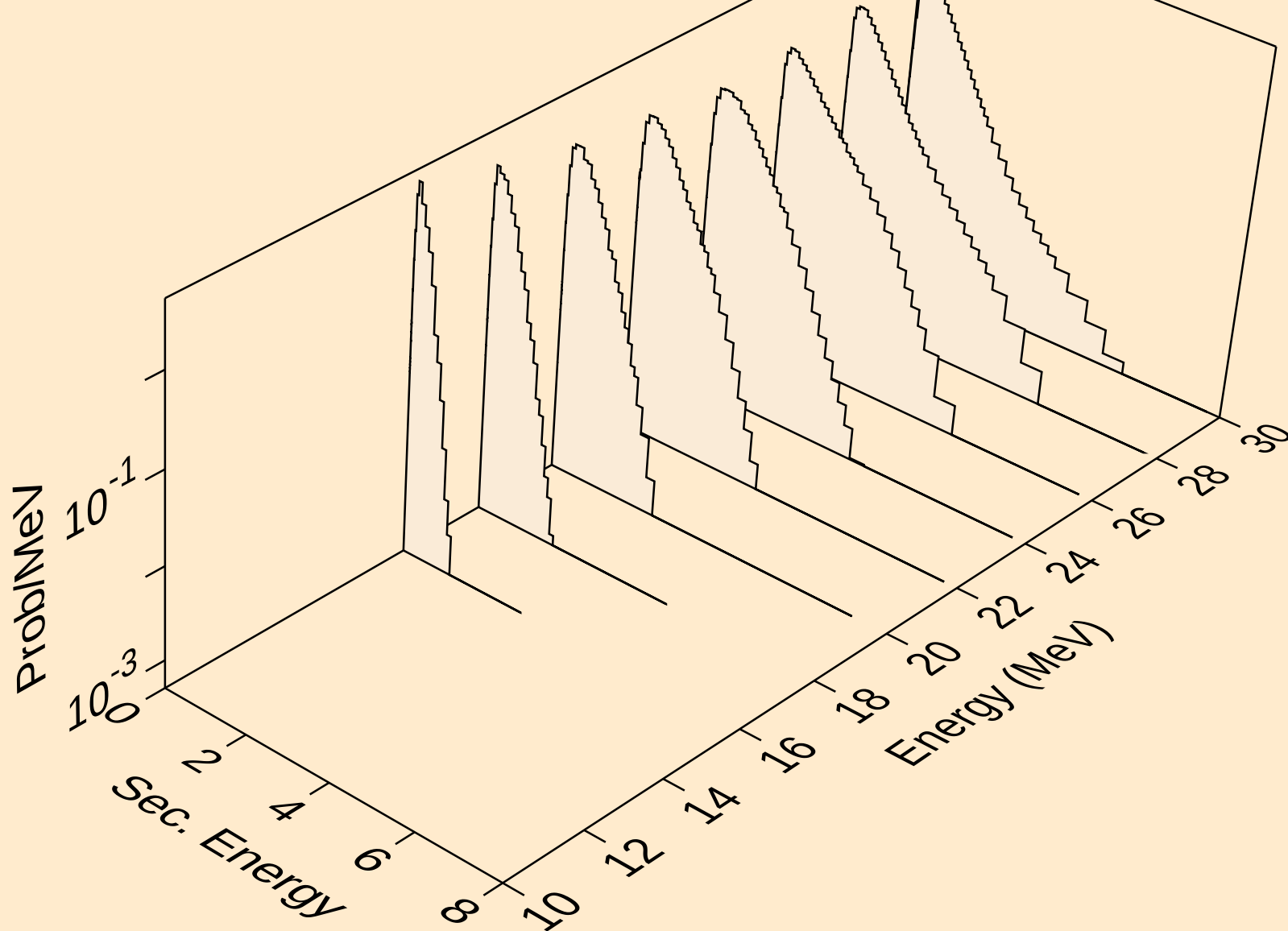
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



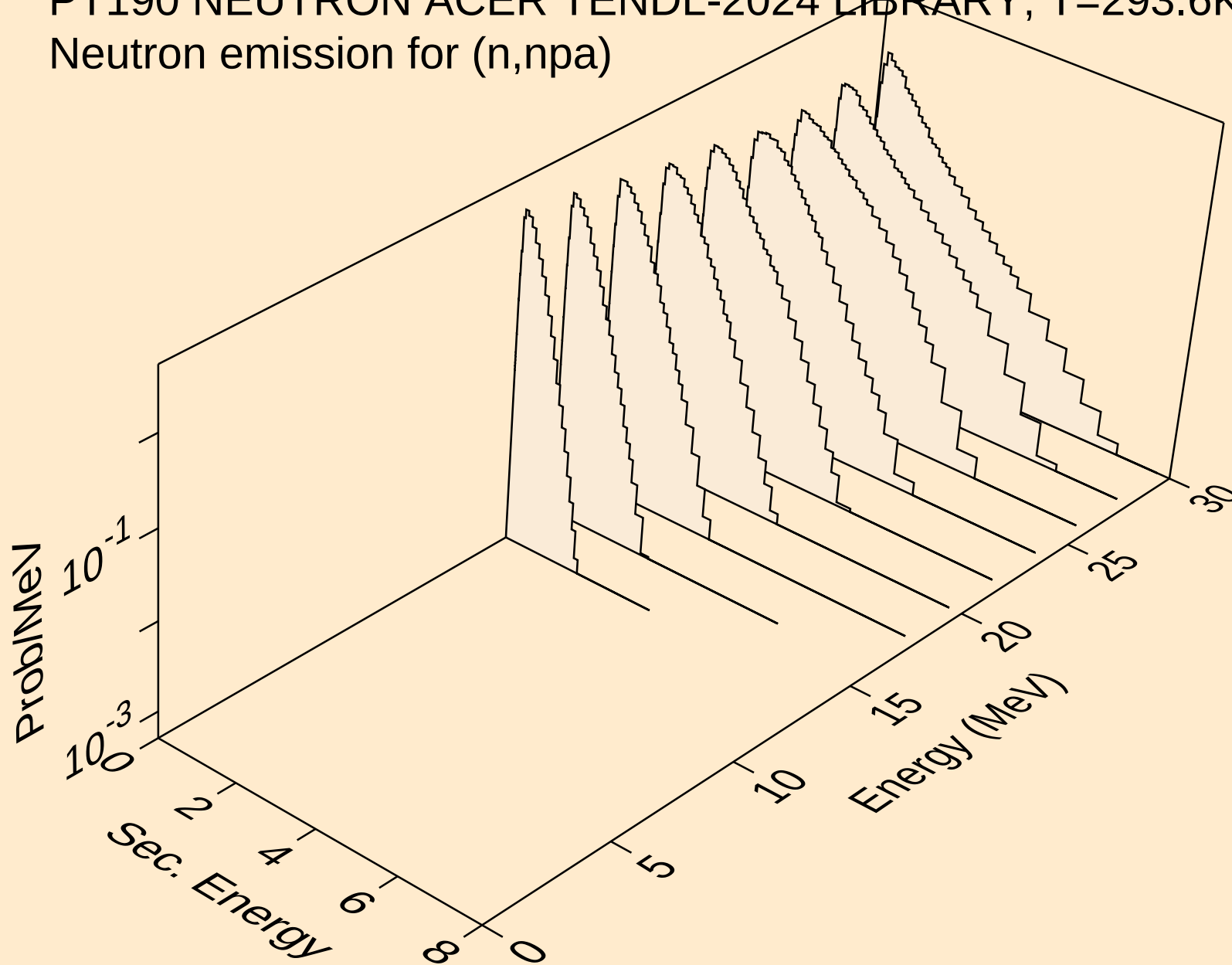
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



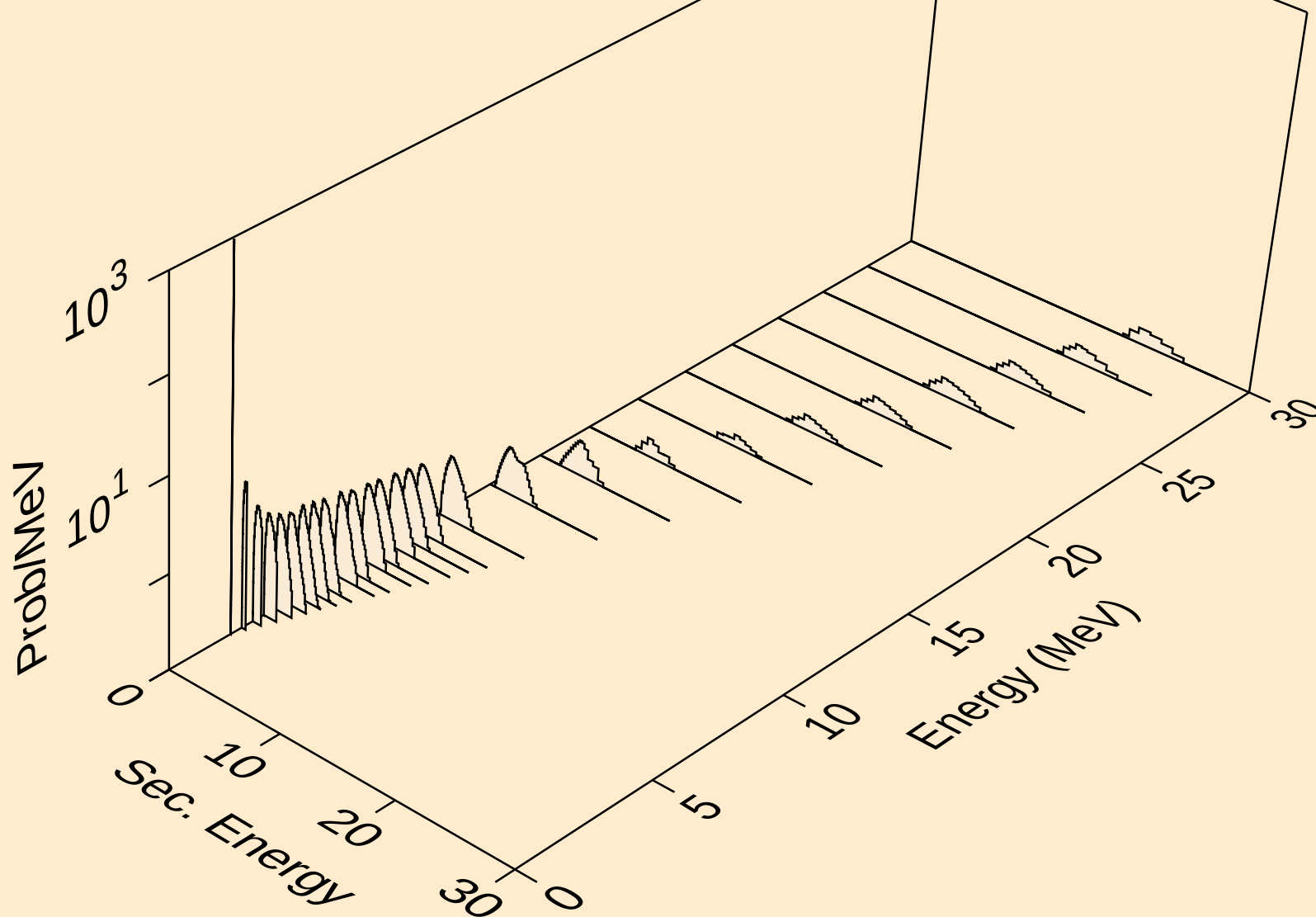
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n2p)



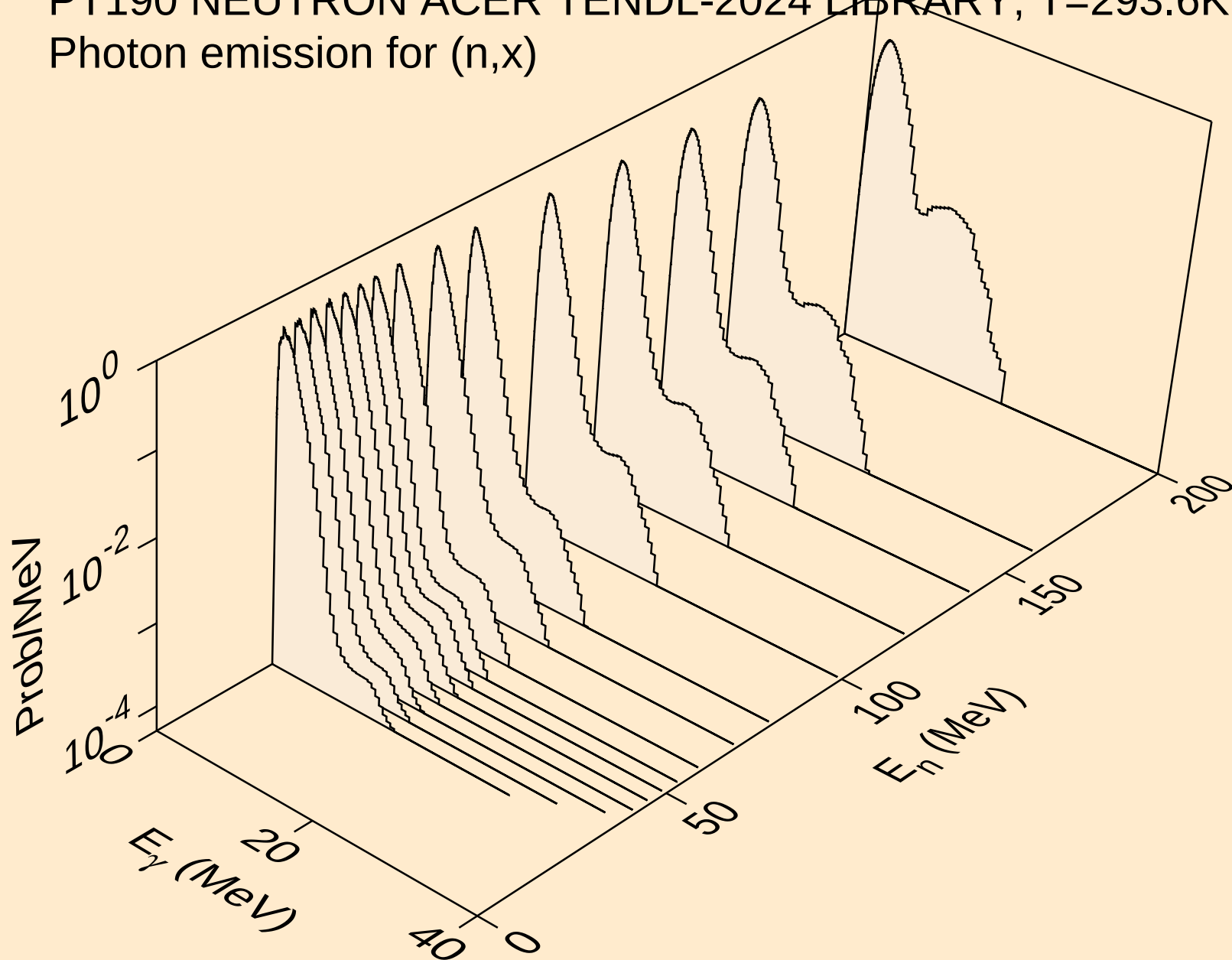
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



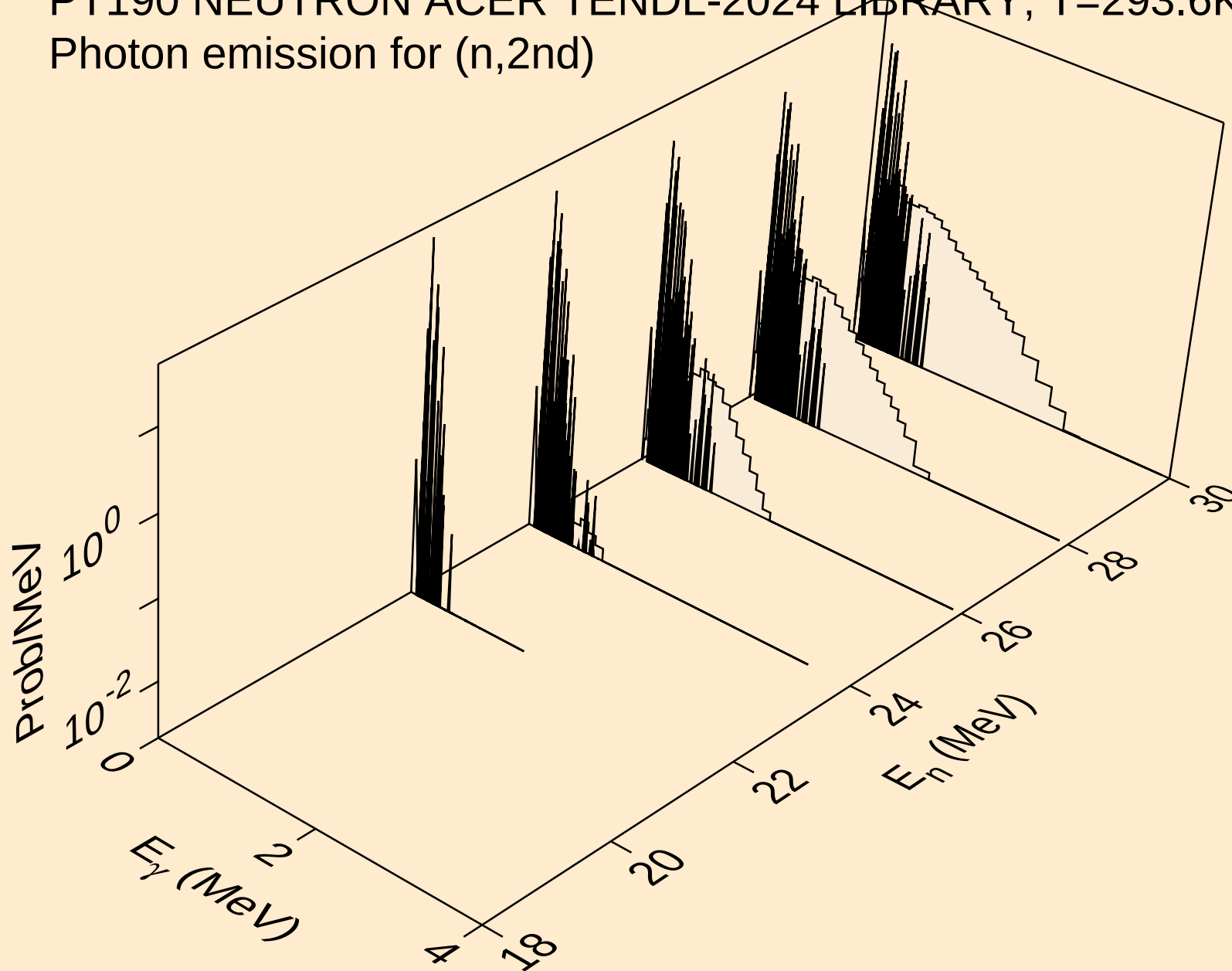
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



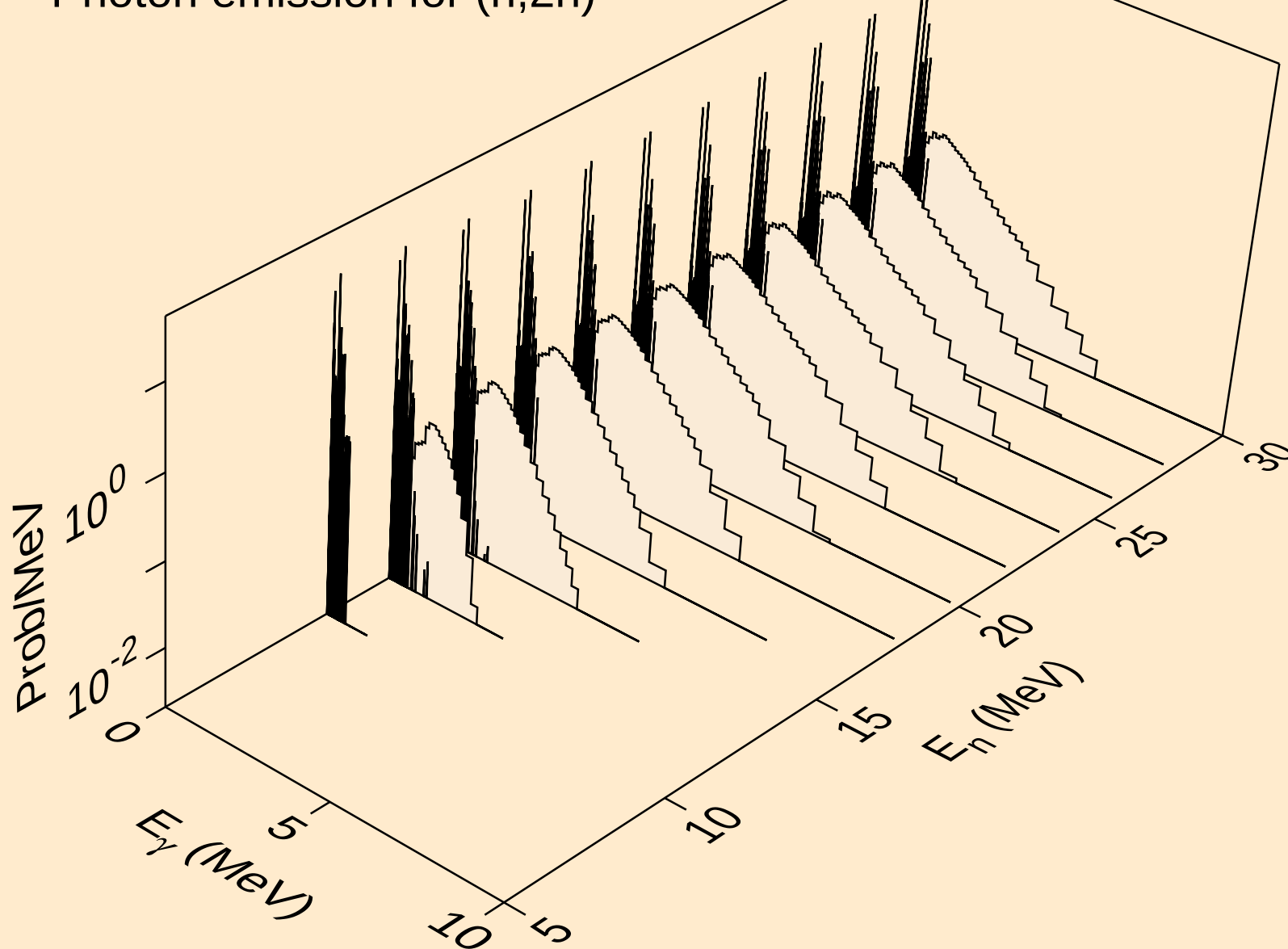
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



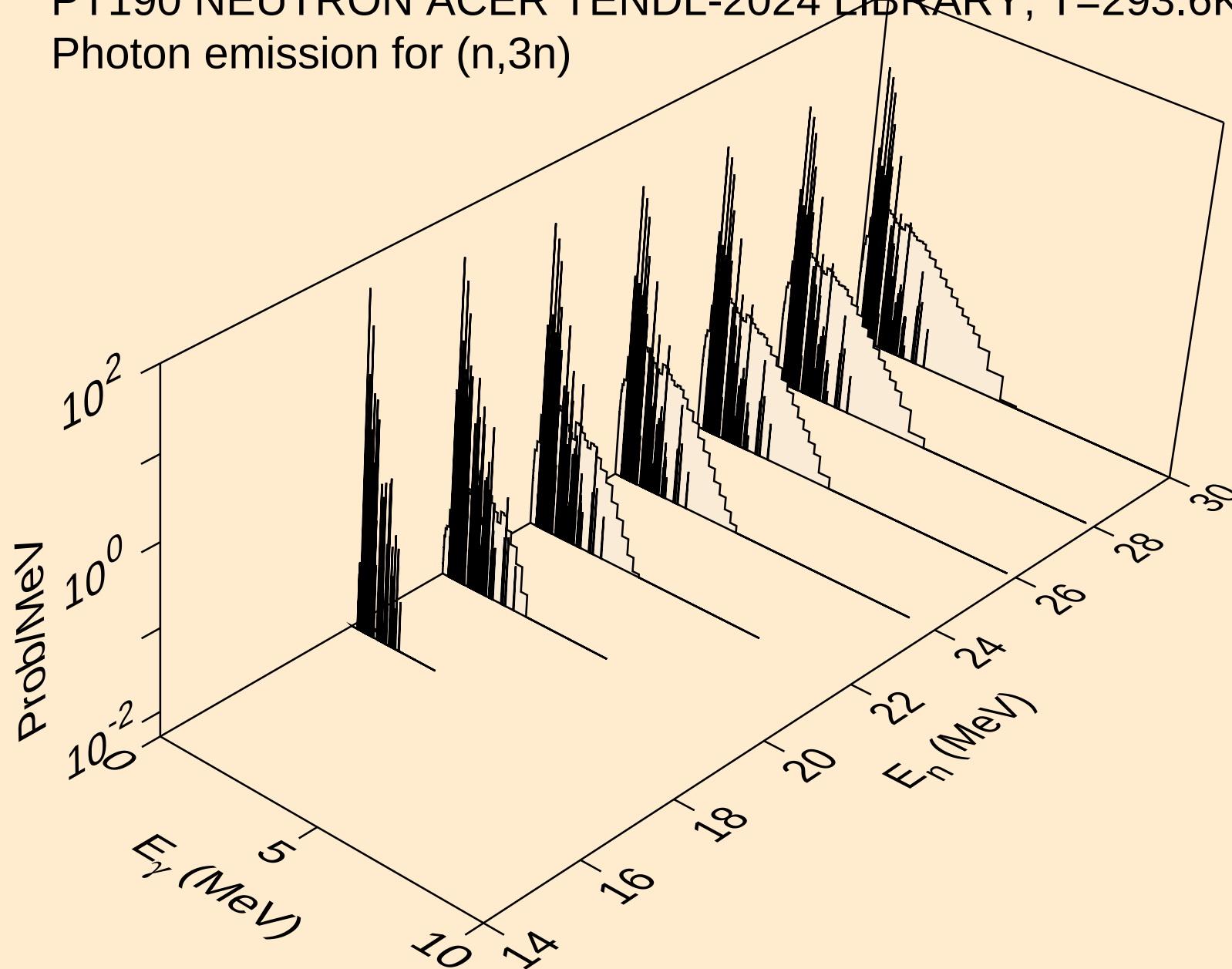
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



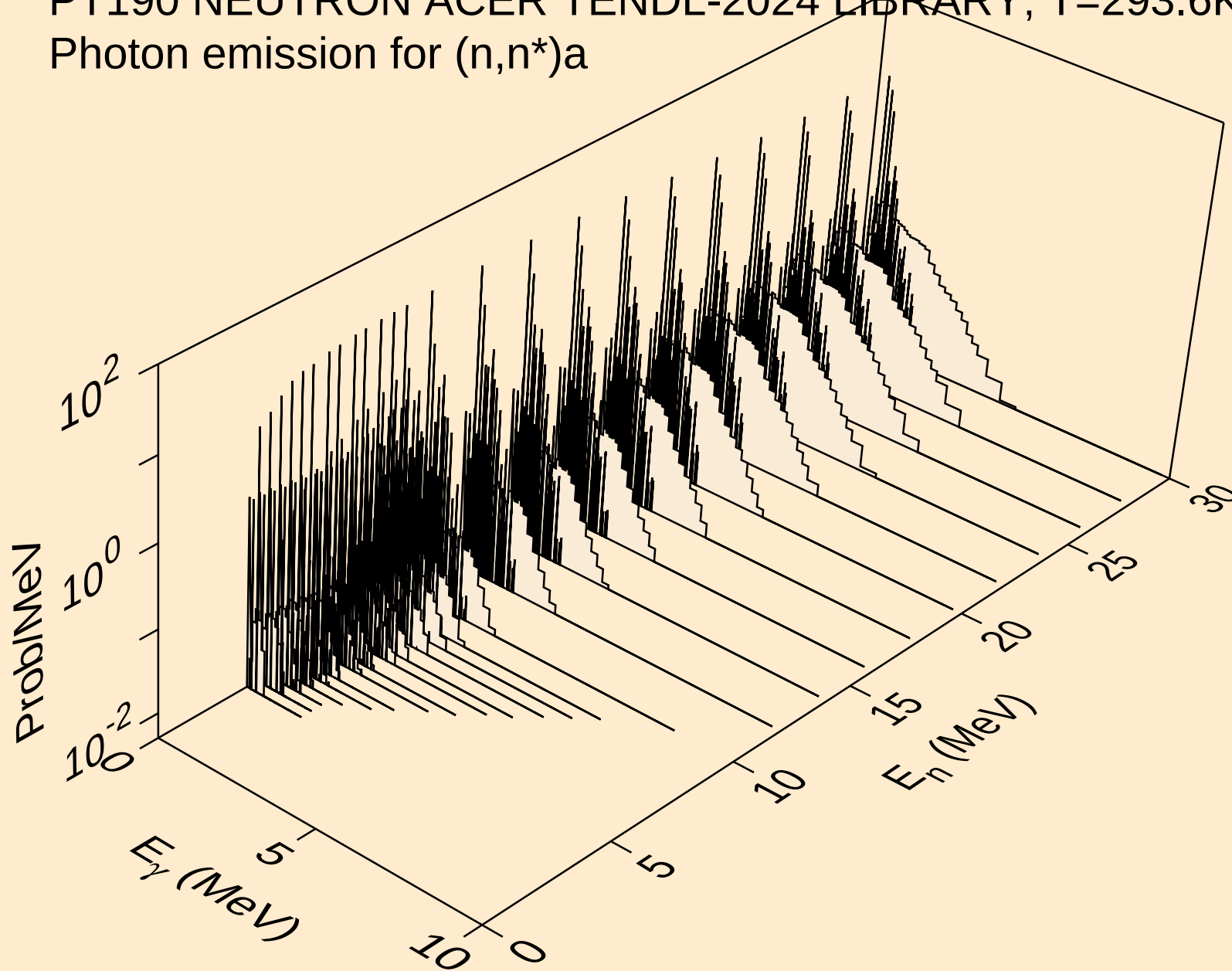
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



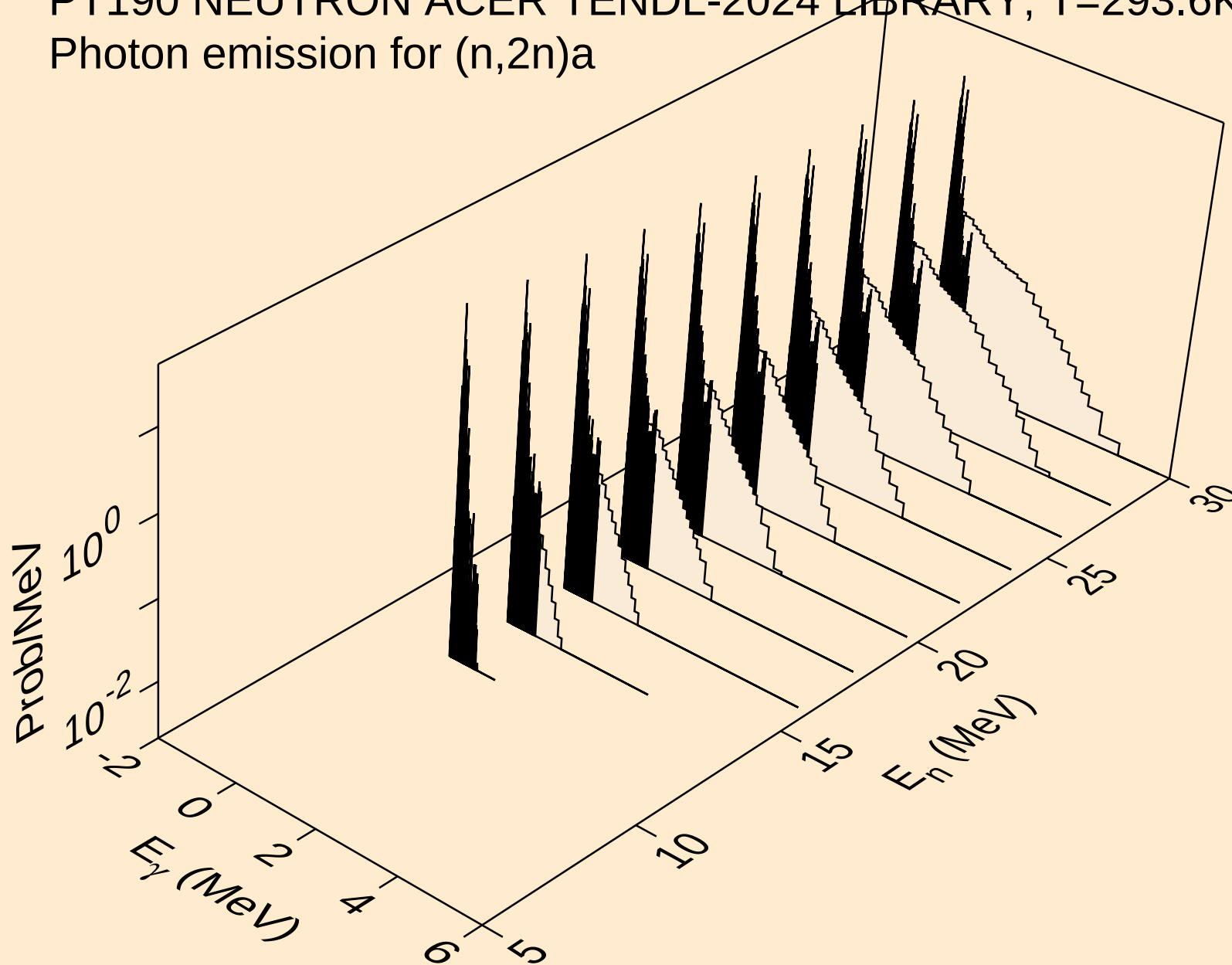
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



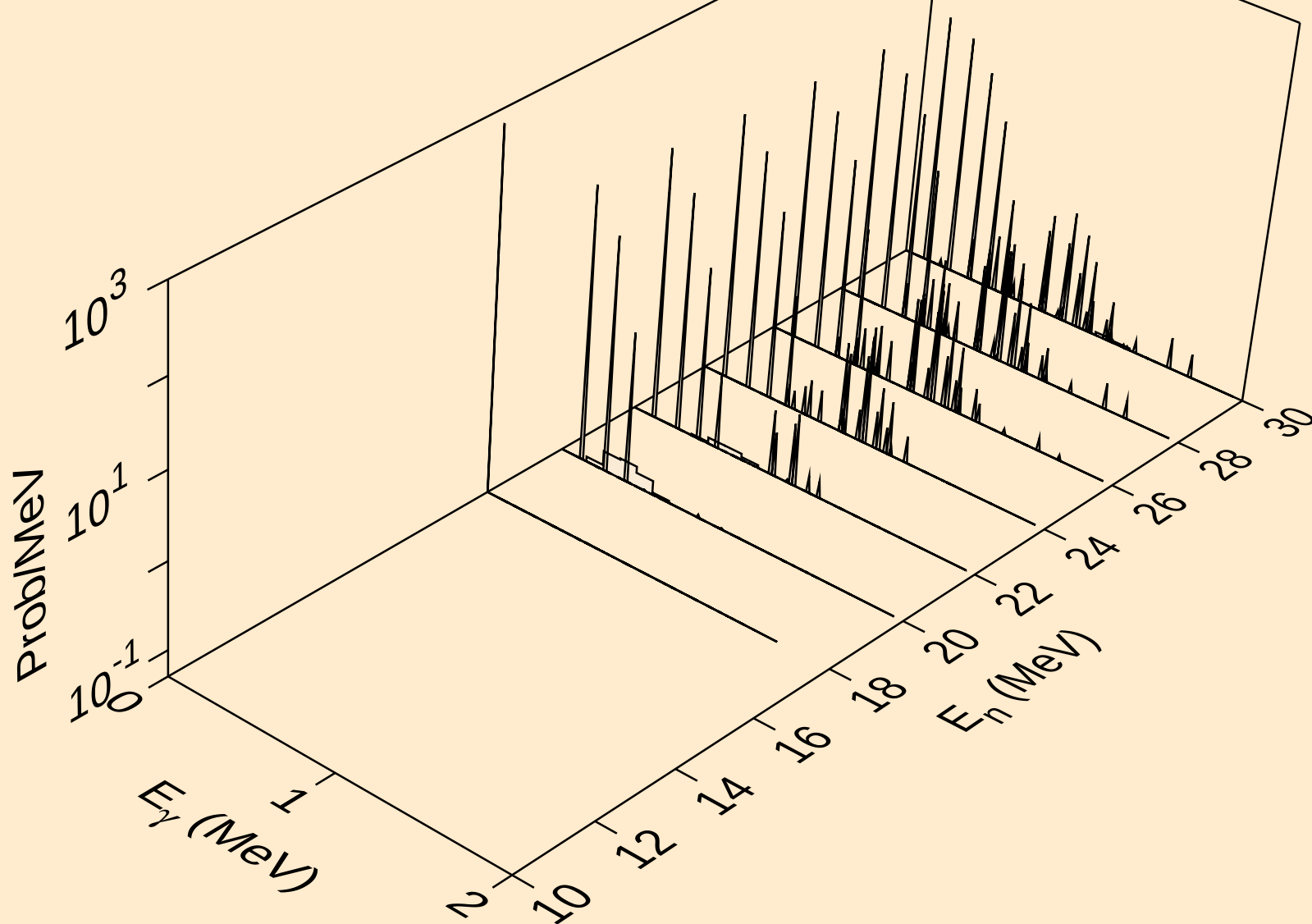
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



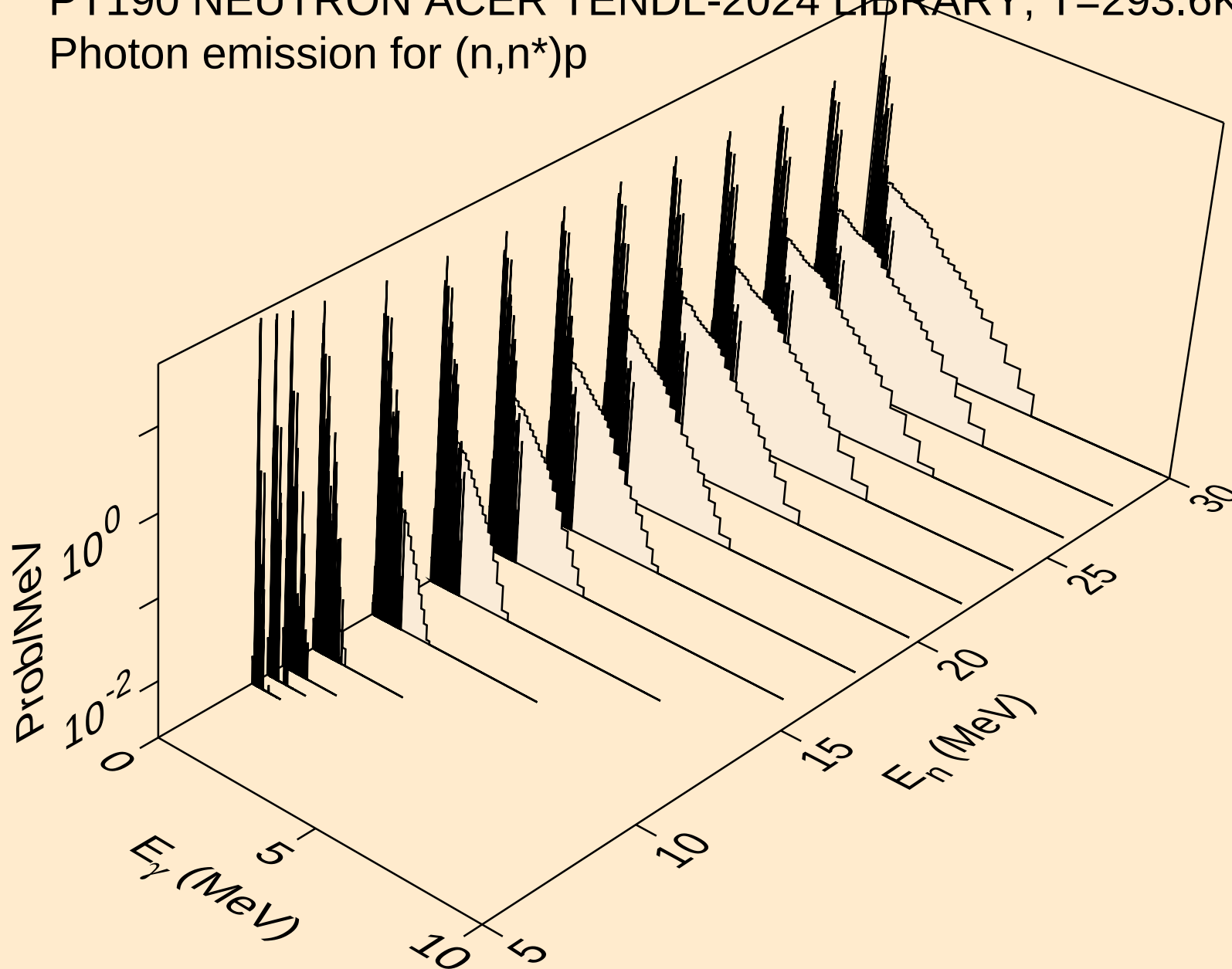
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



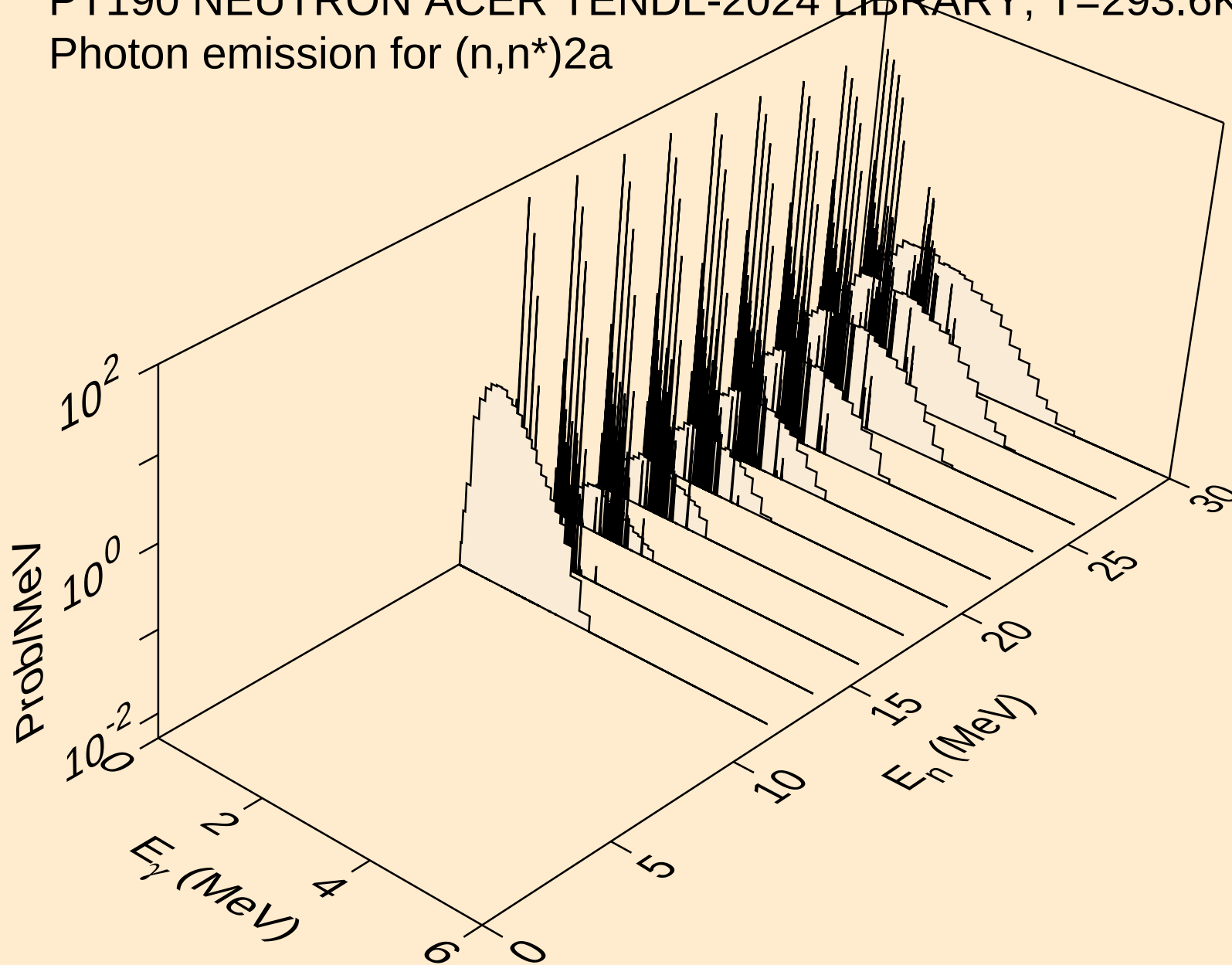
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



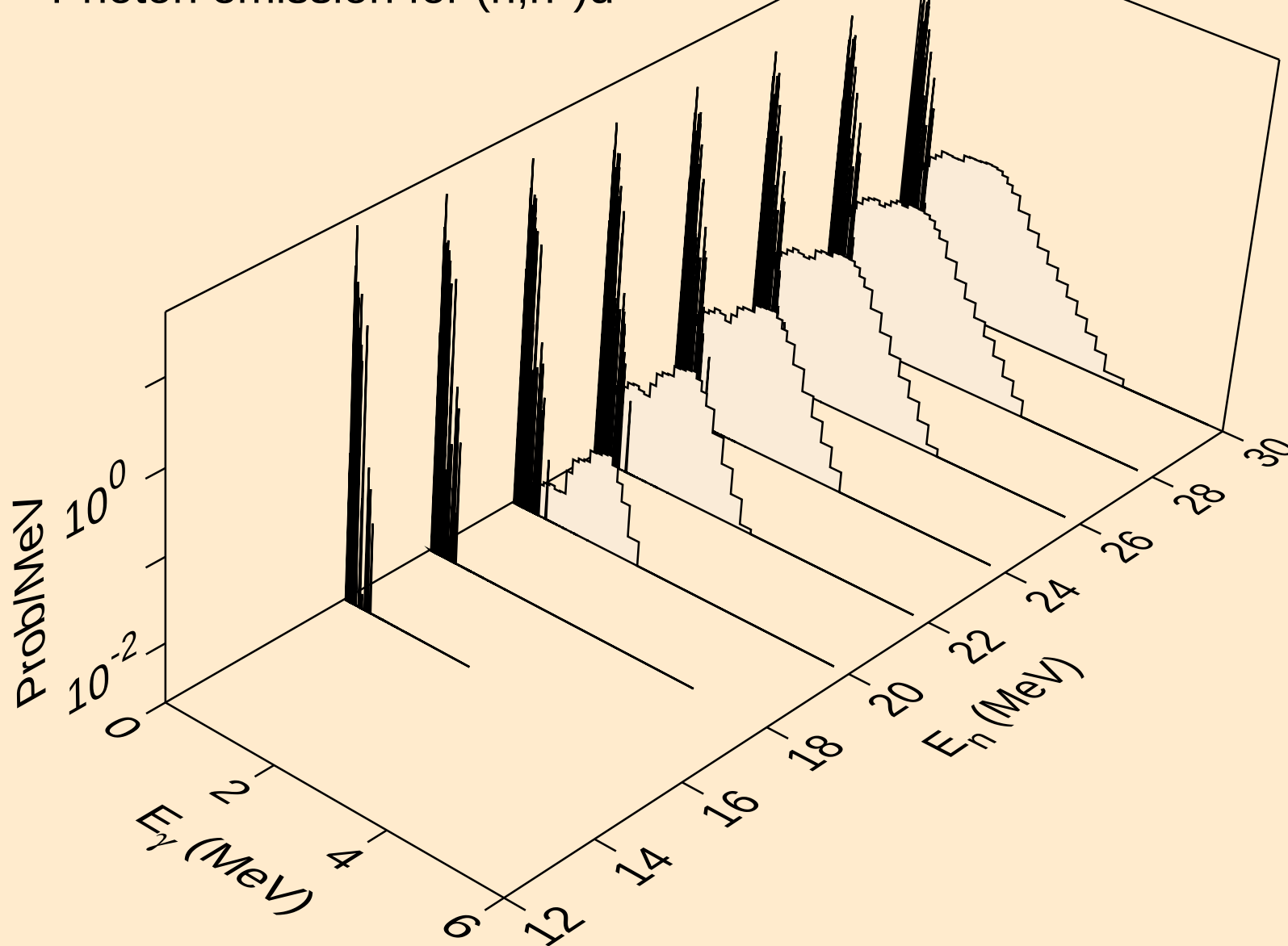
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



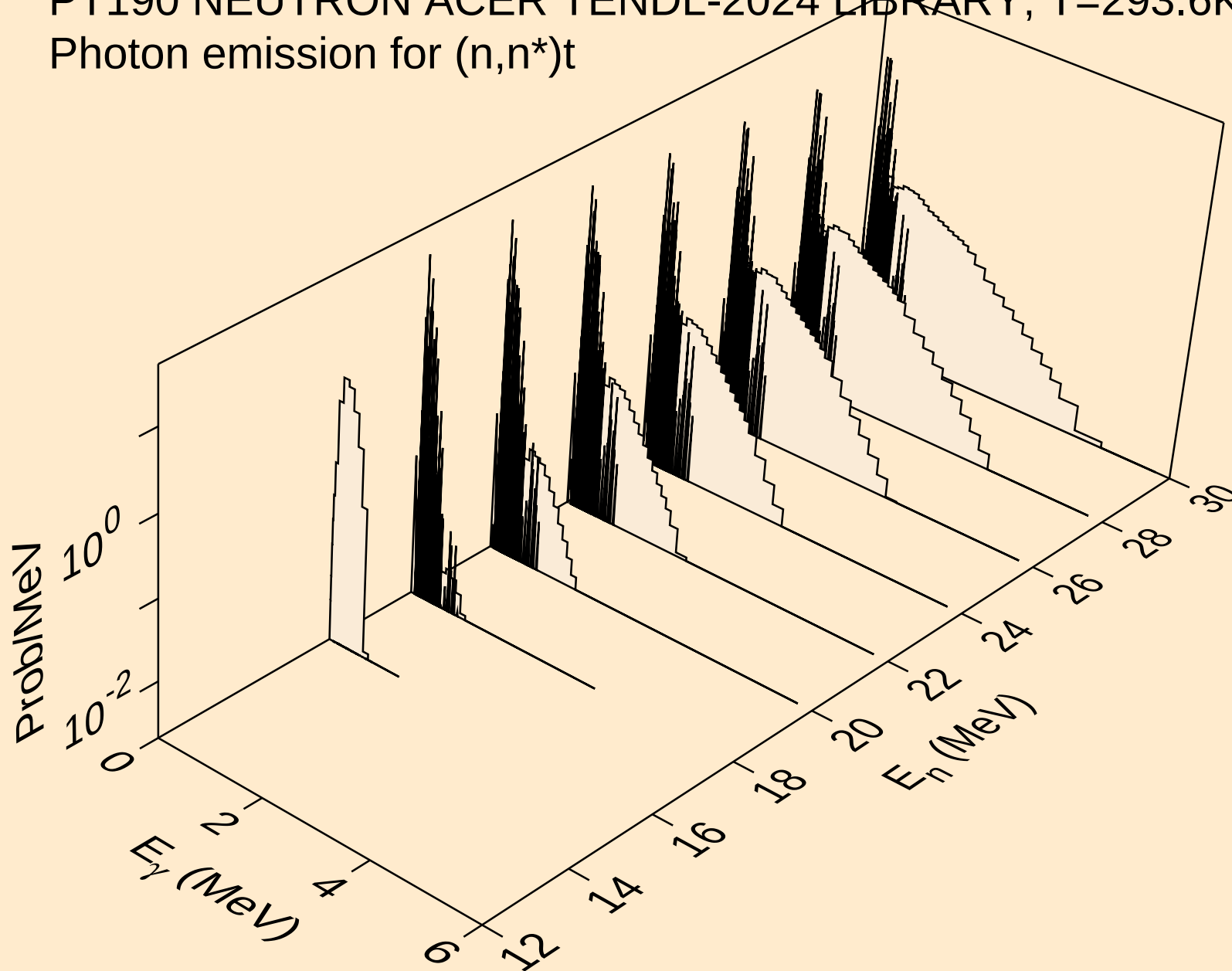
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



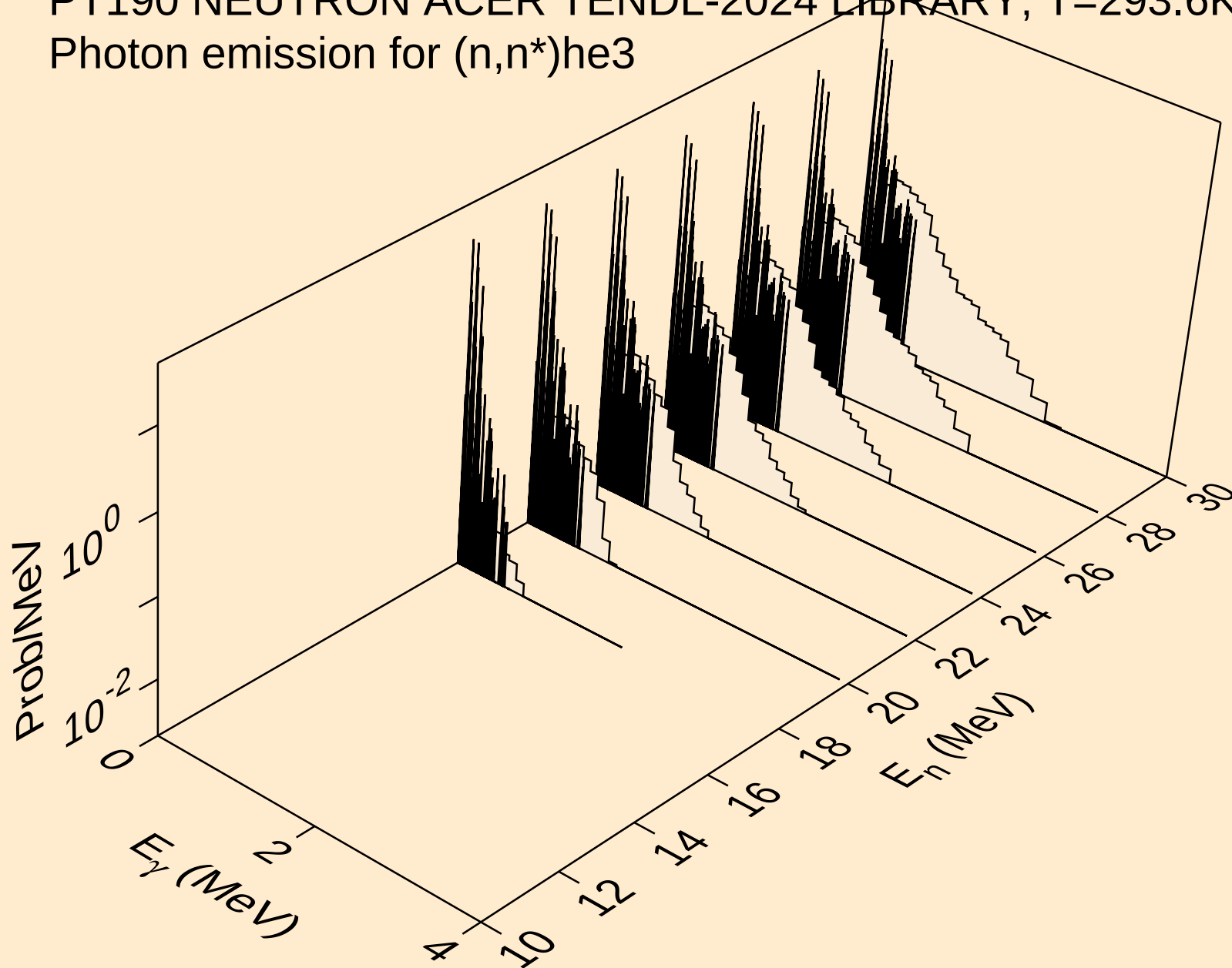
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



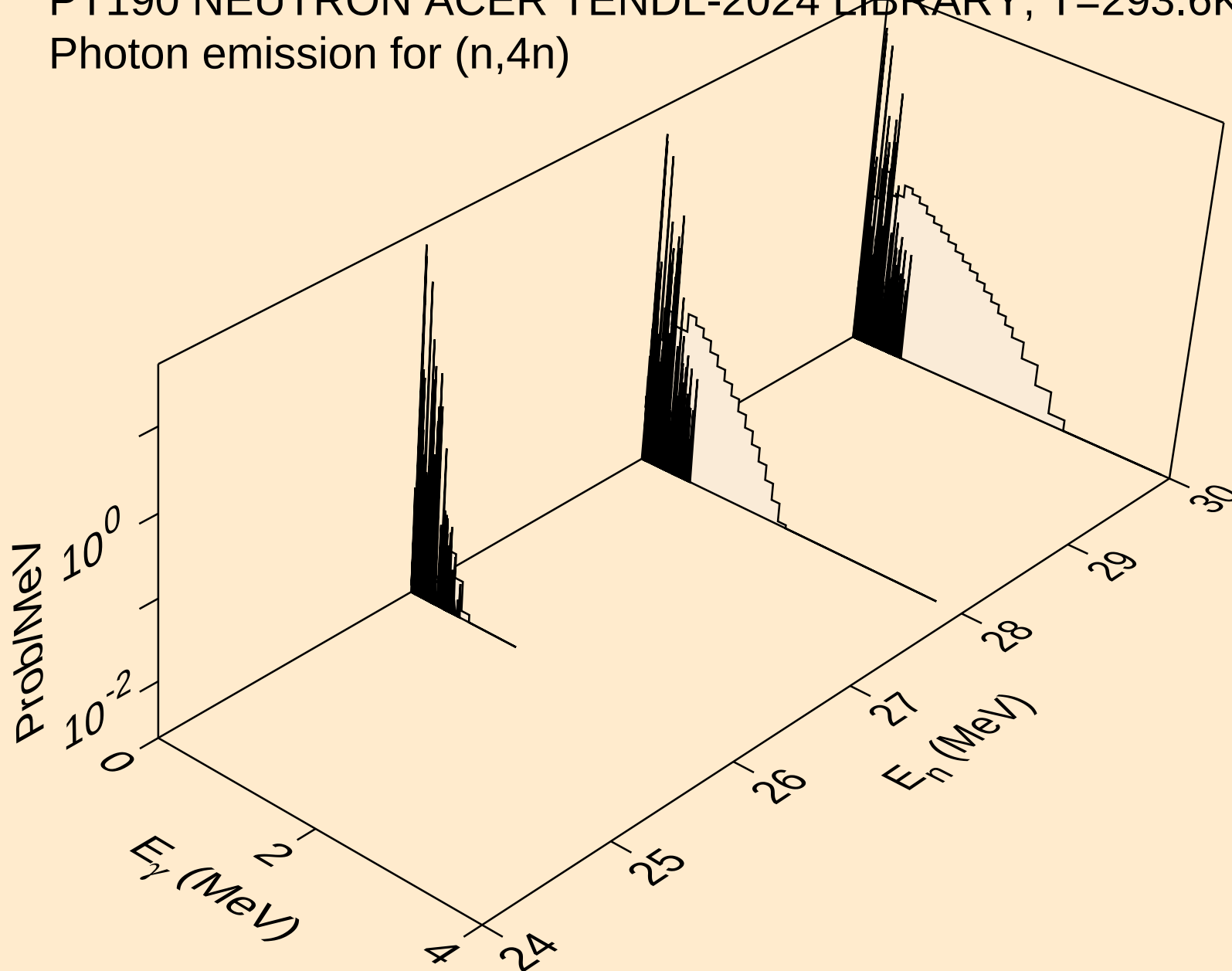
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



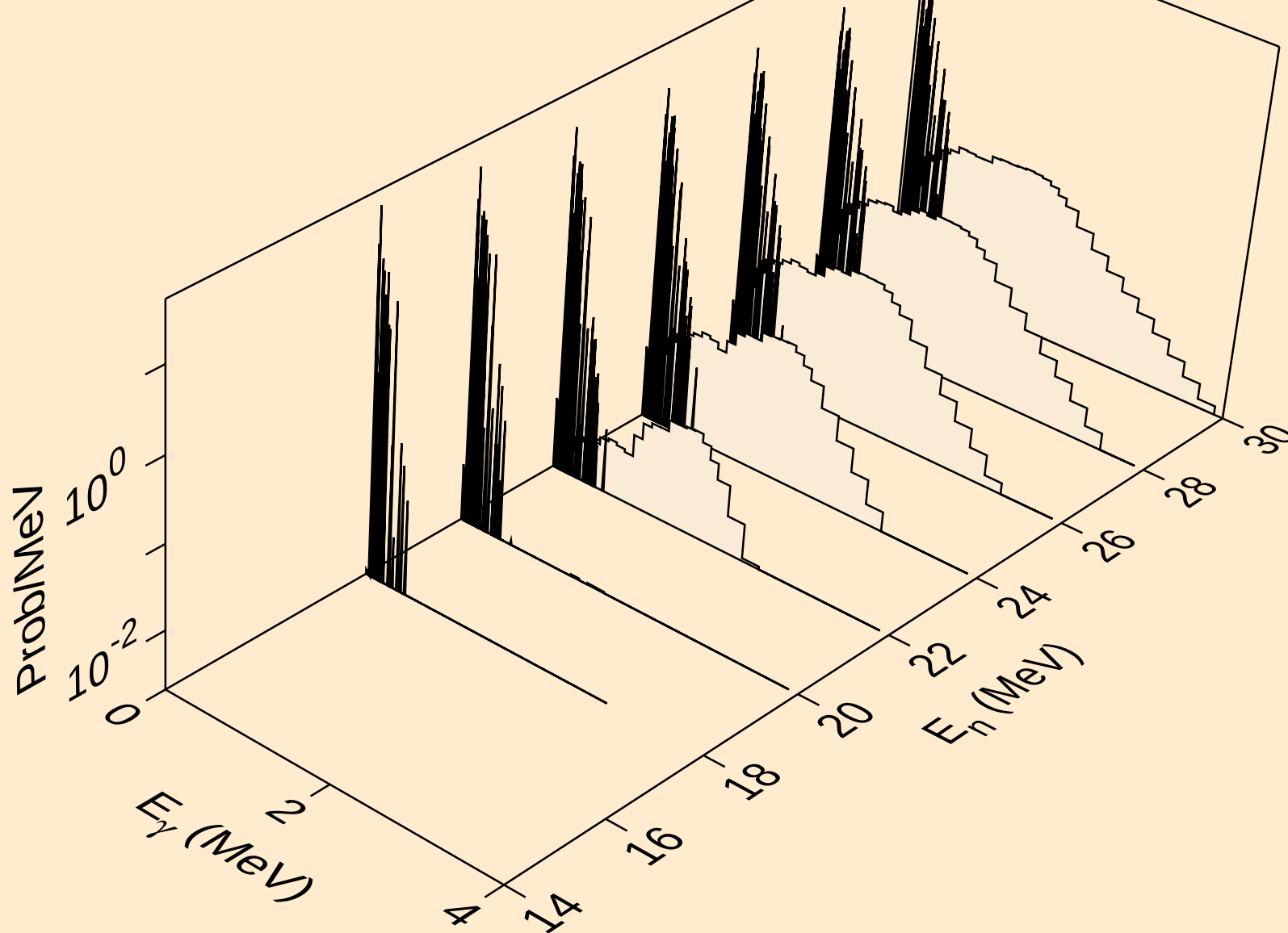
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



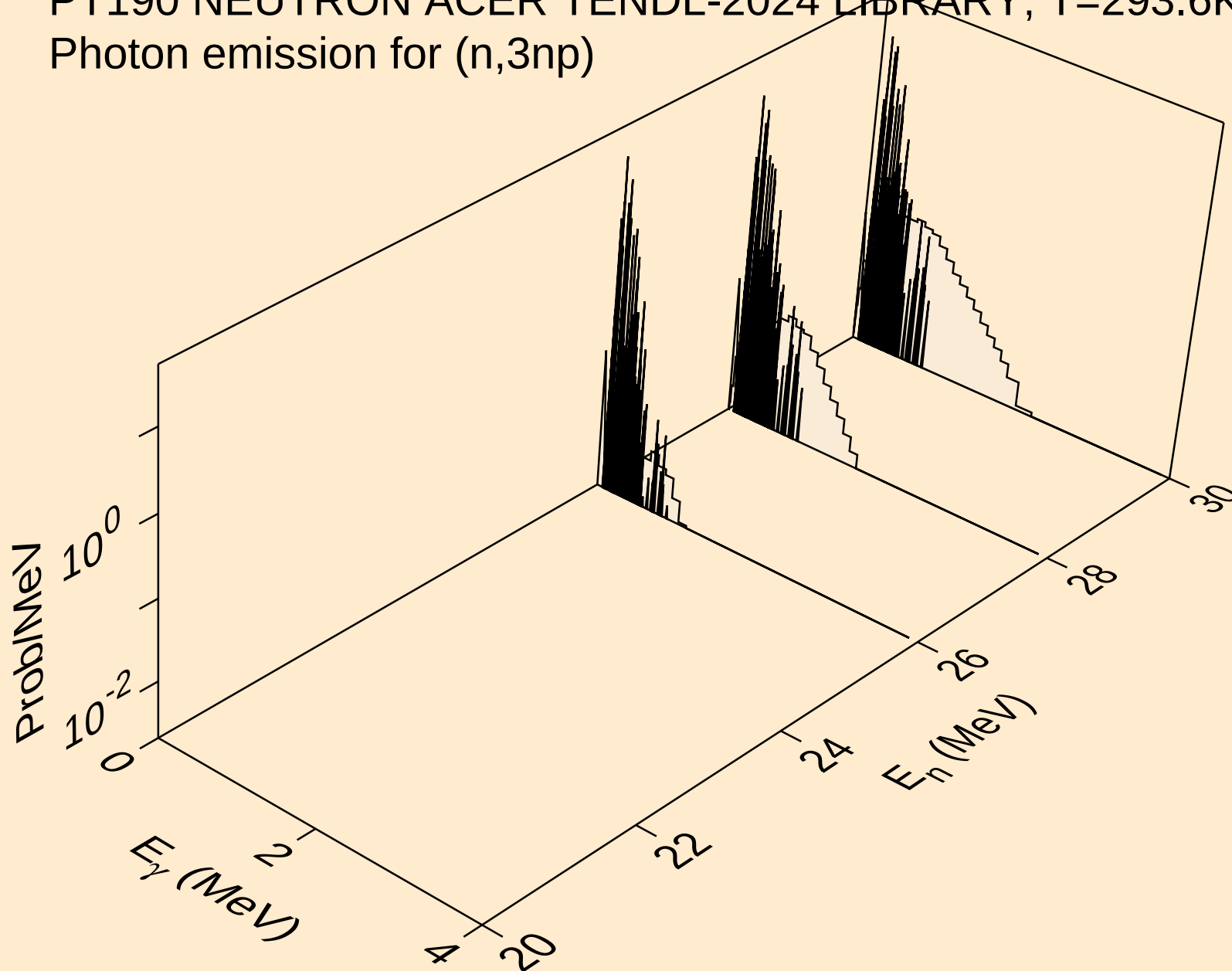
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,4n)



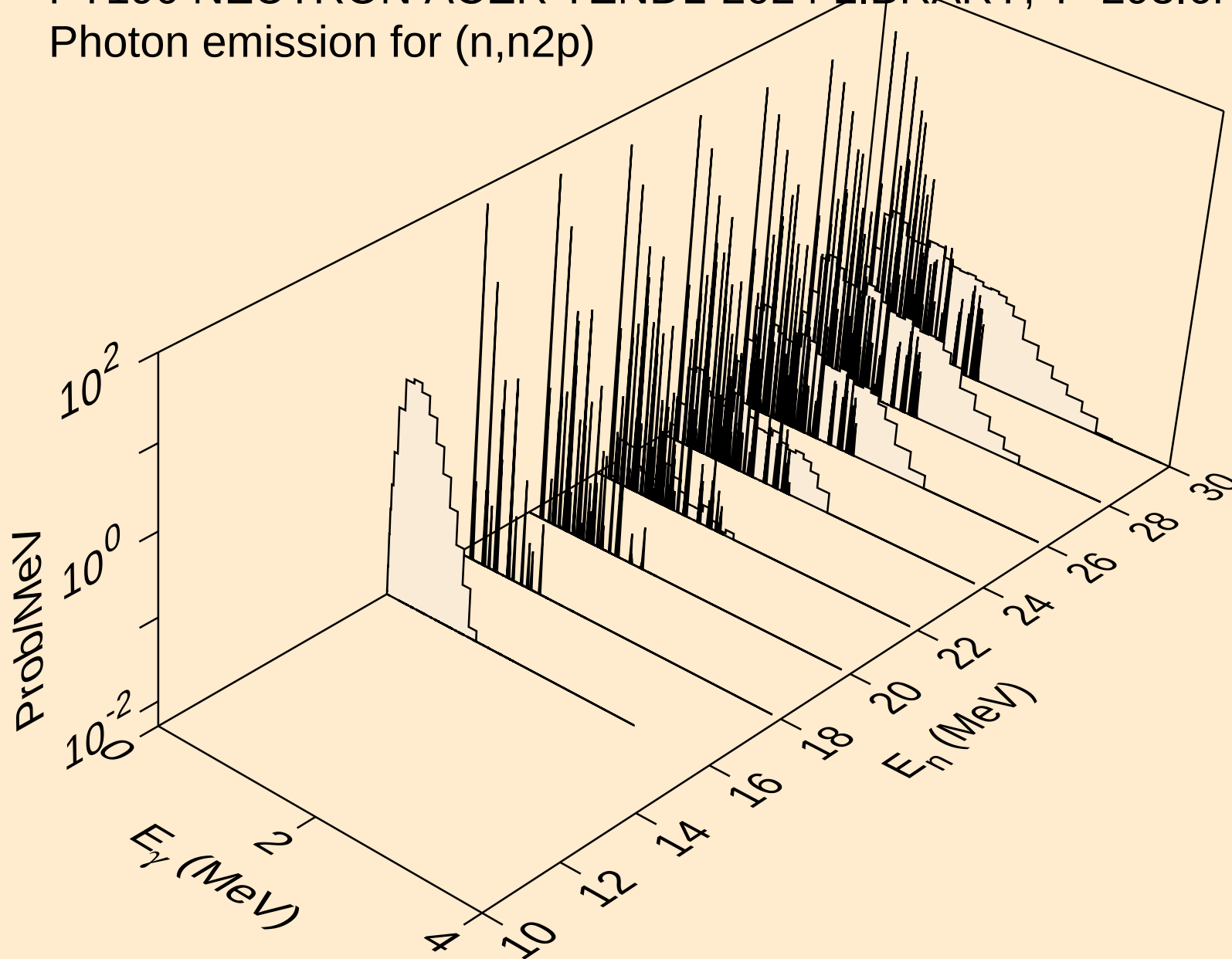
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



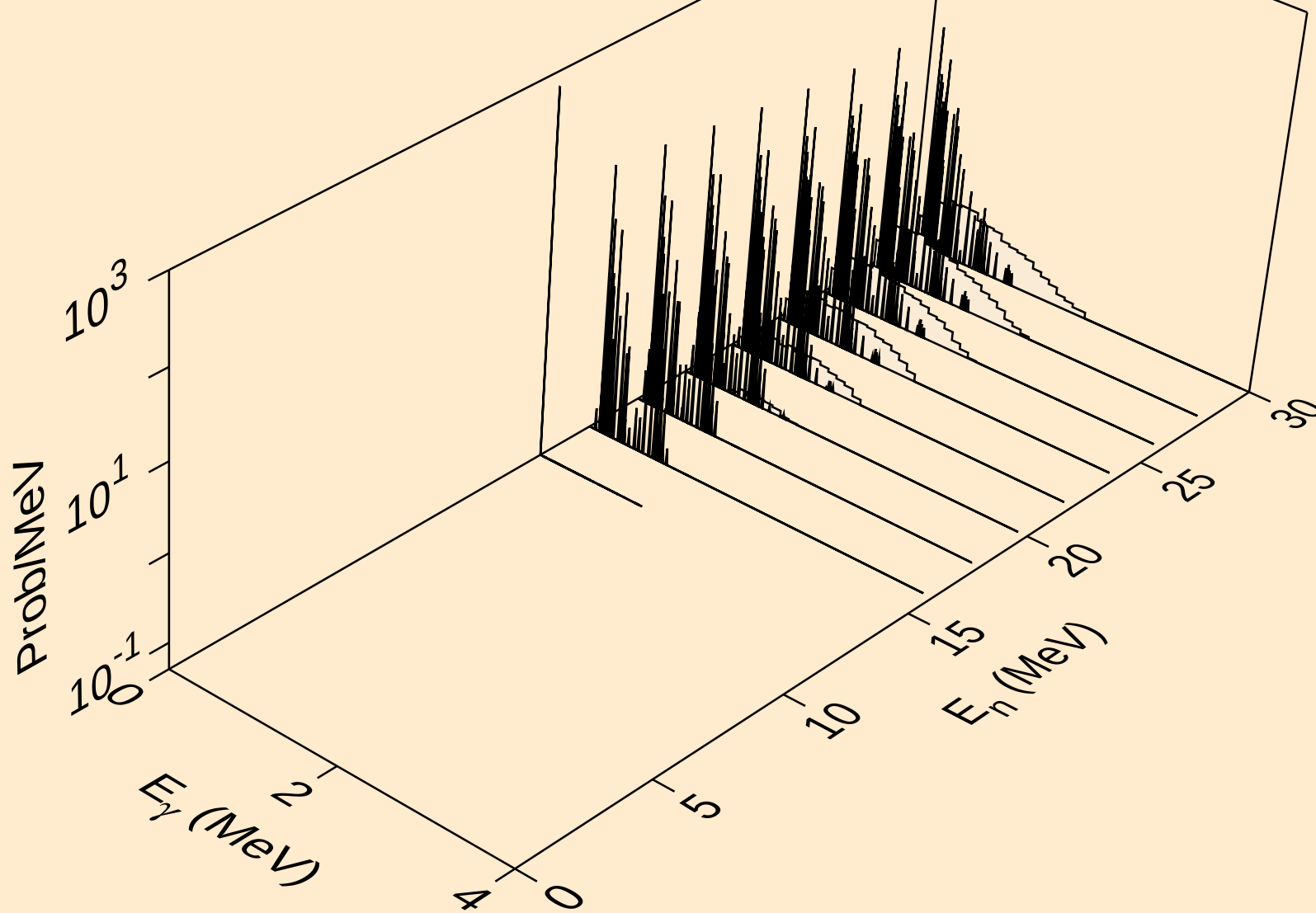
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Photon emission for (n,3np)



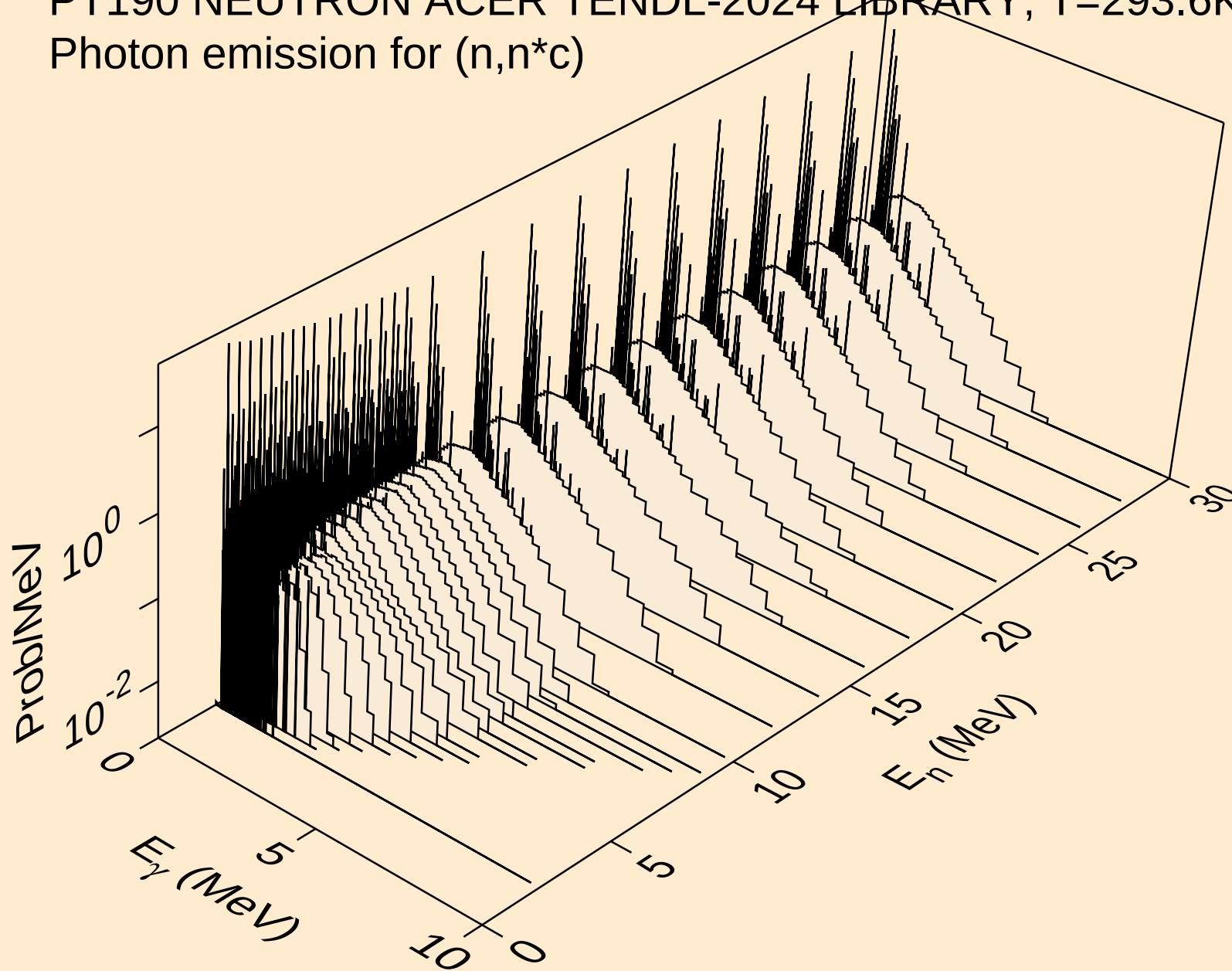
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n2p)



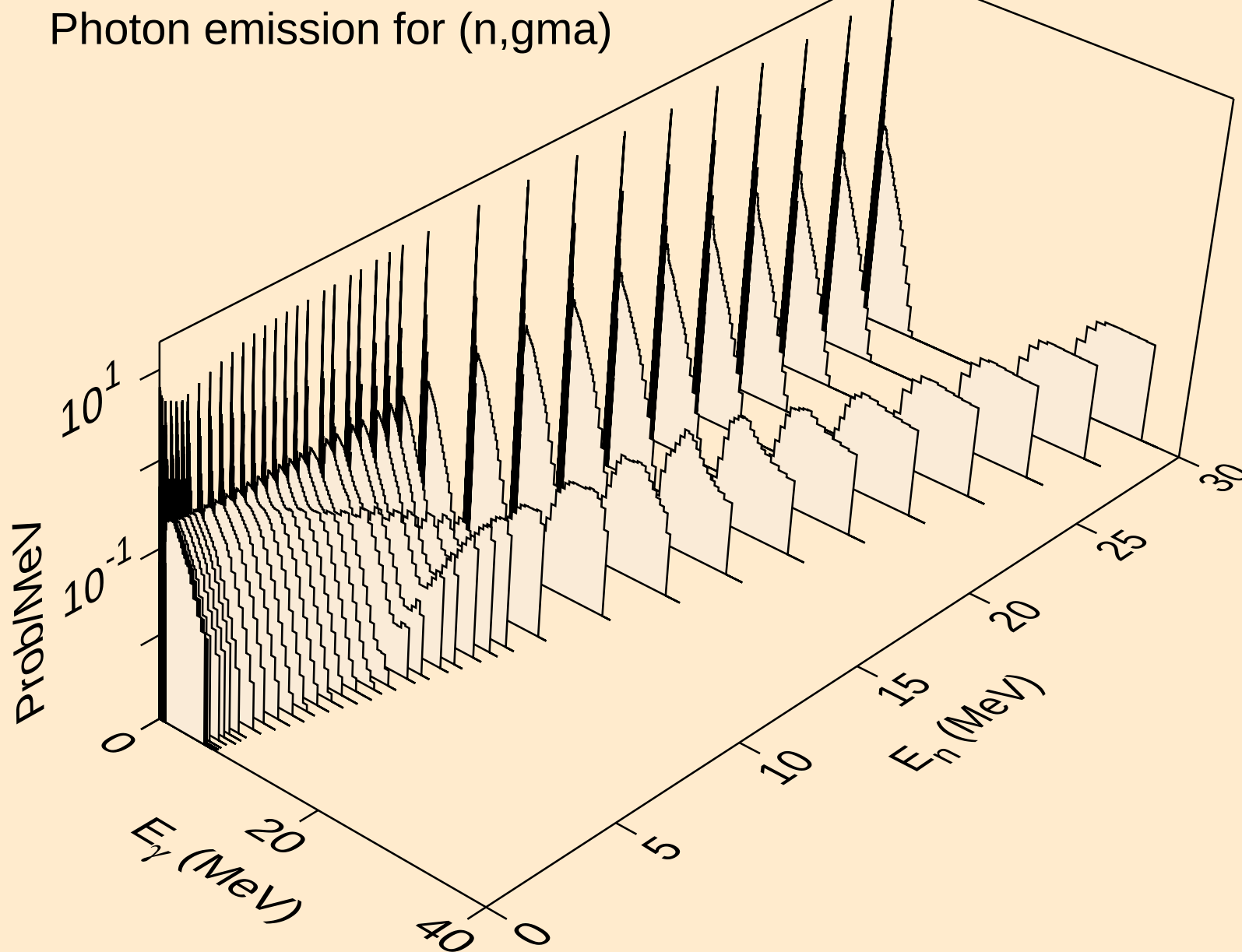
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,npa)



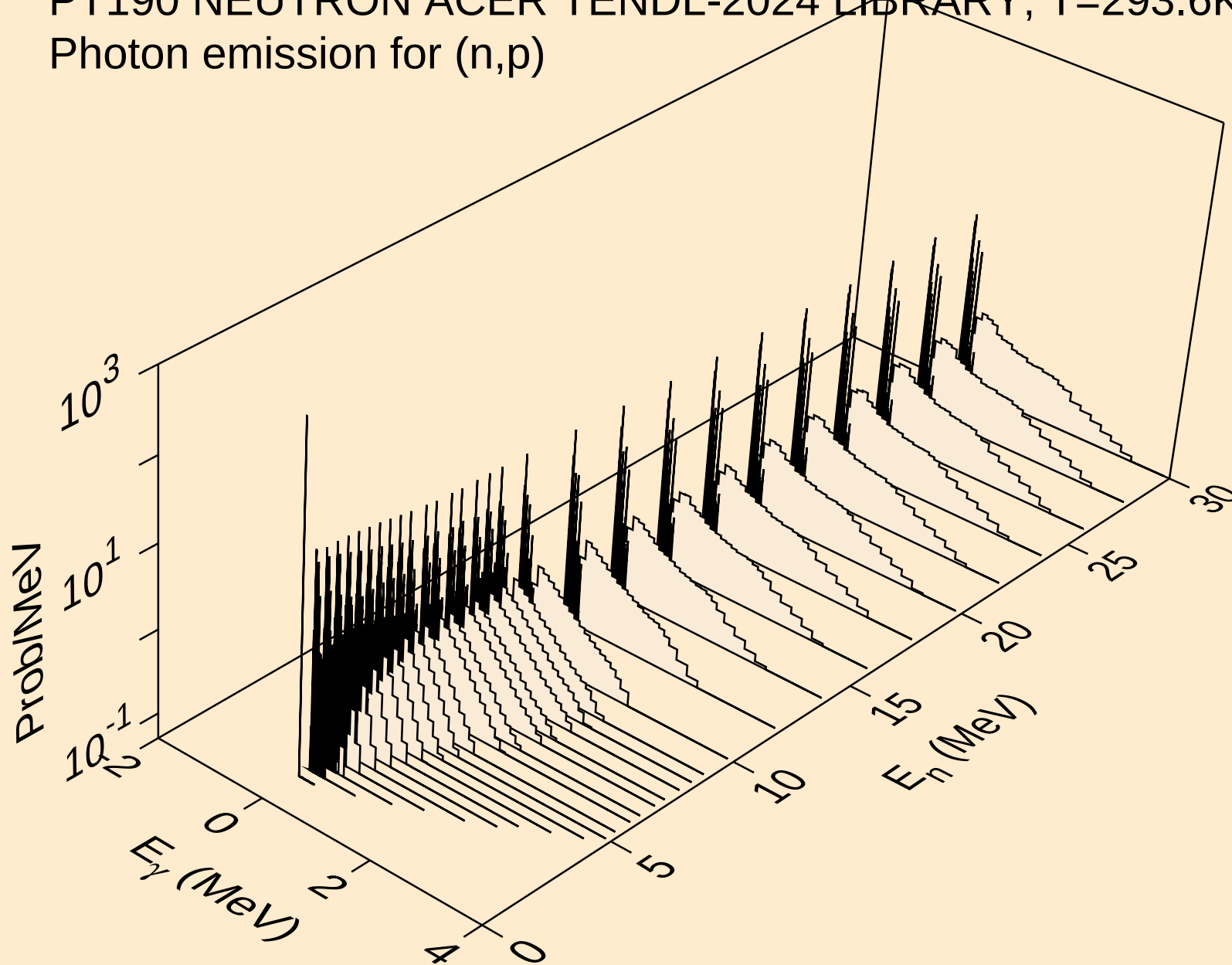
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



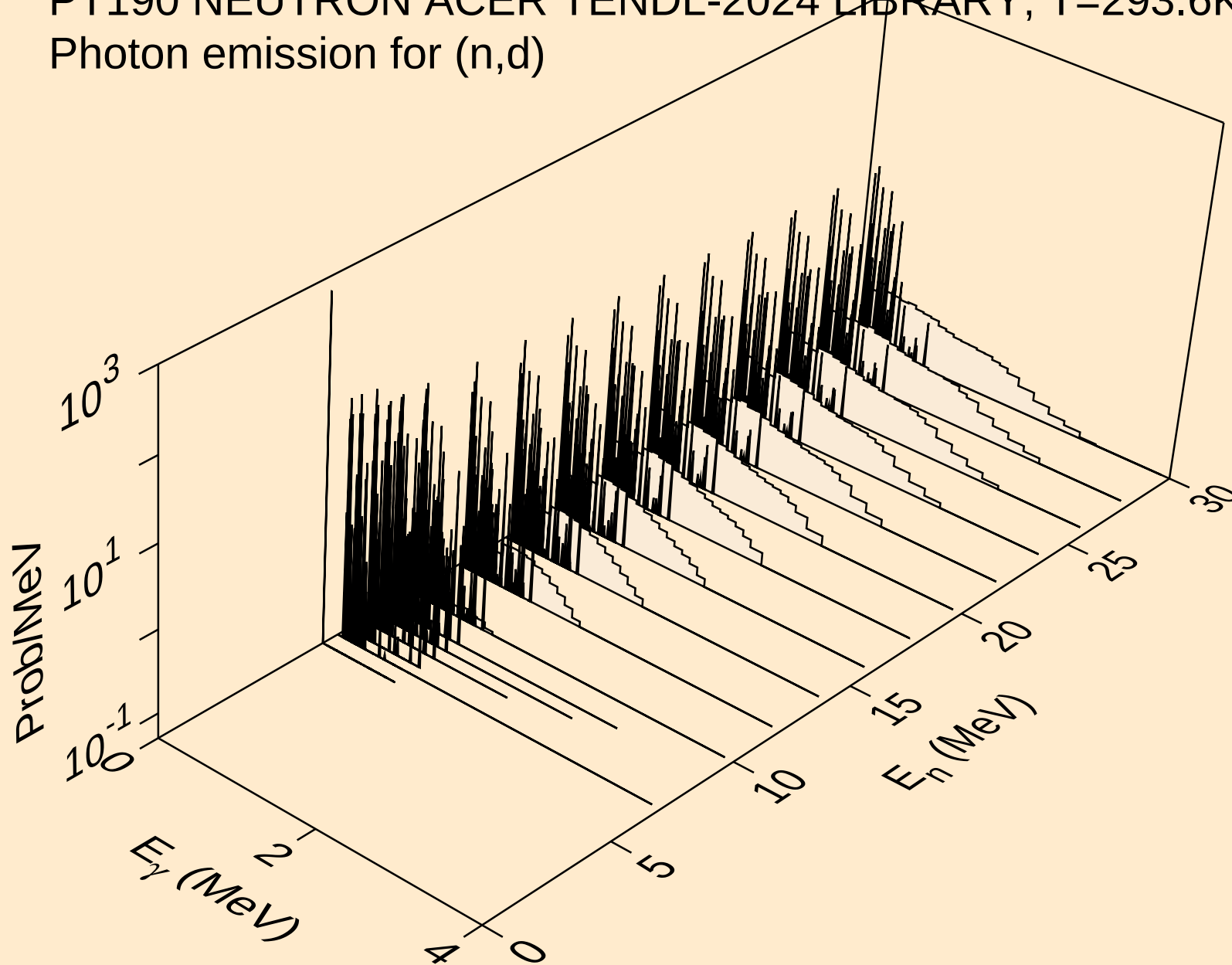
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,gma)



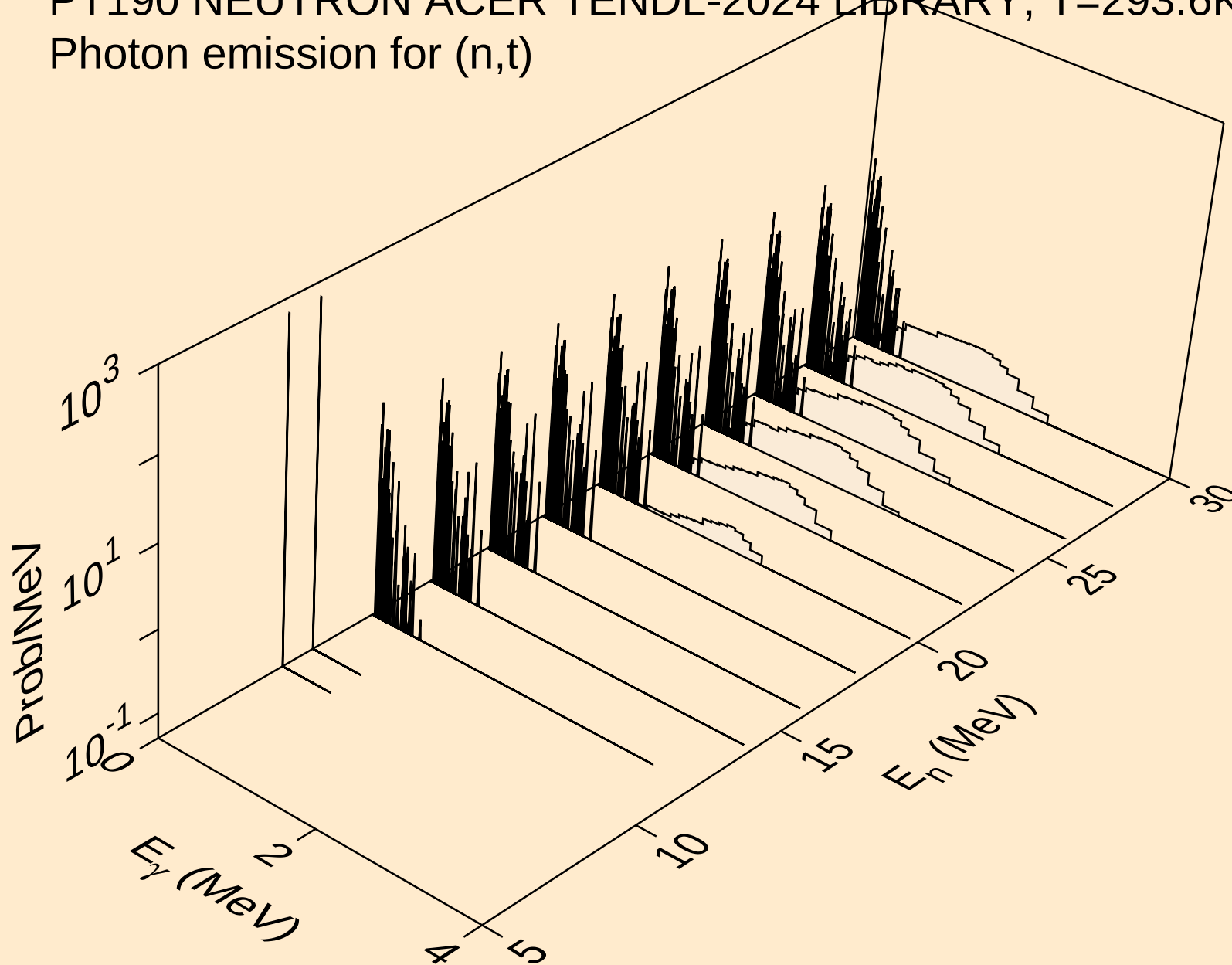
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



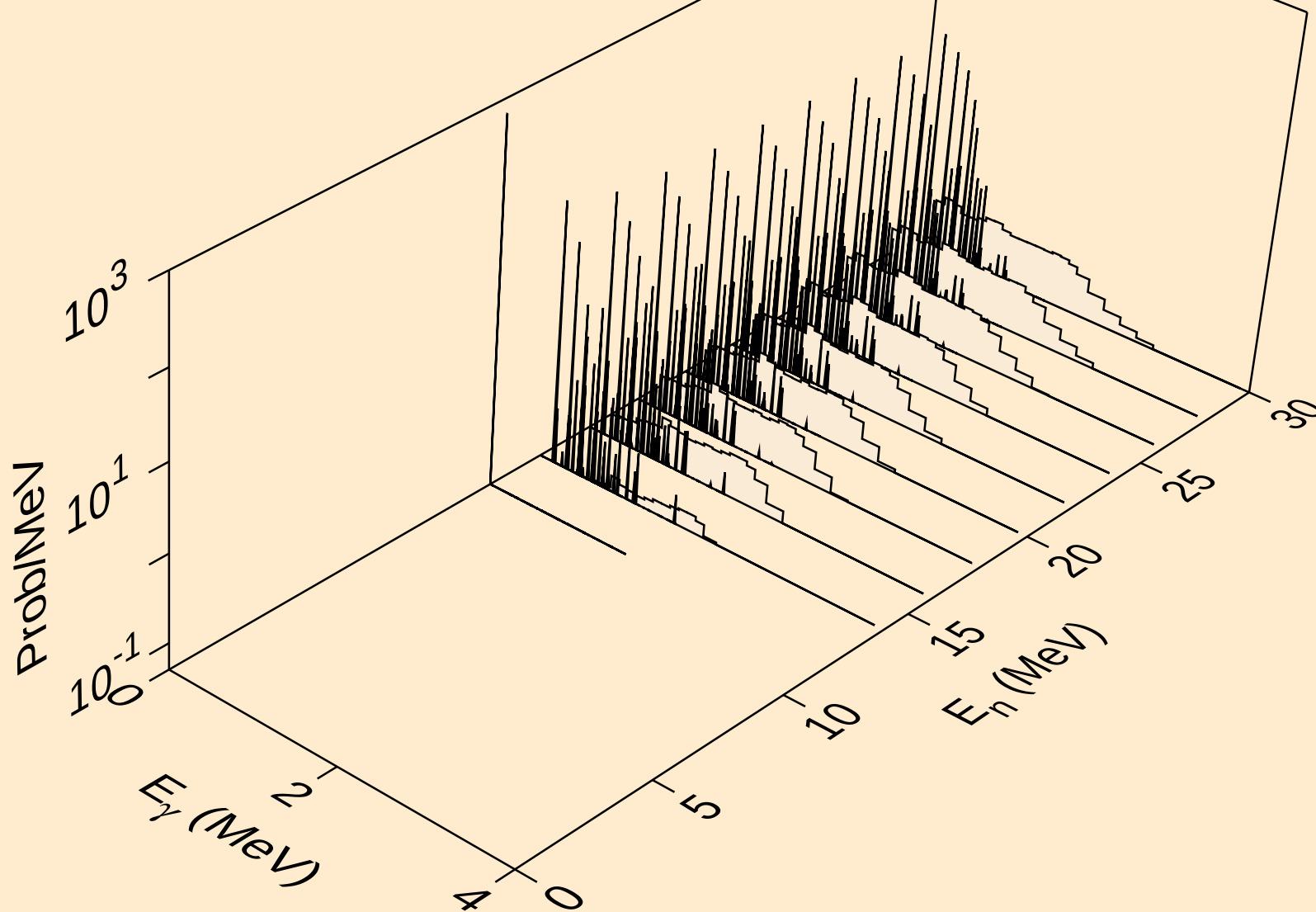
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



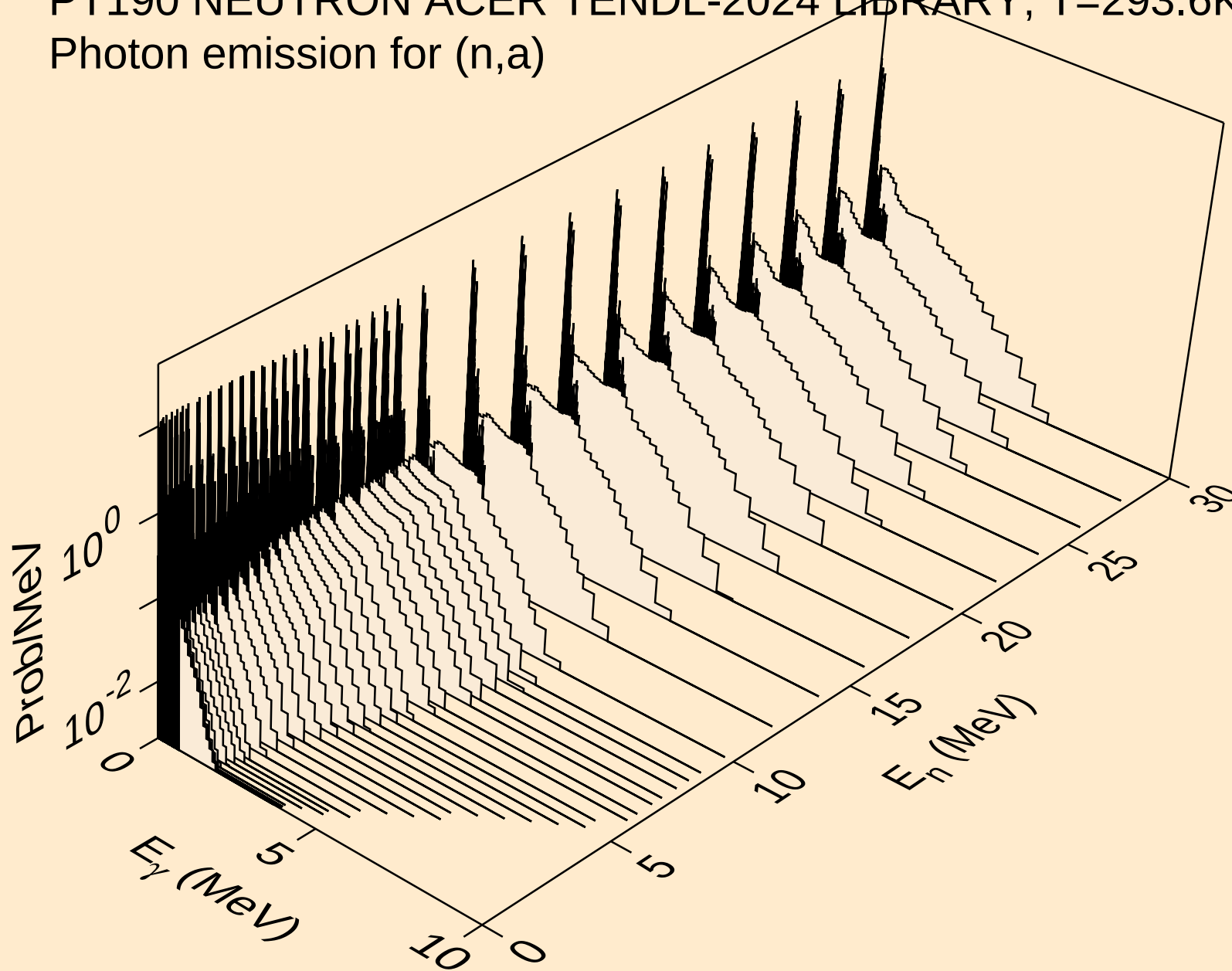
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



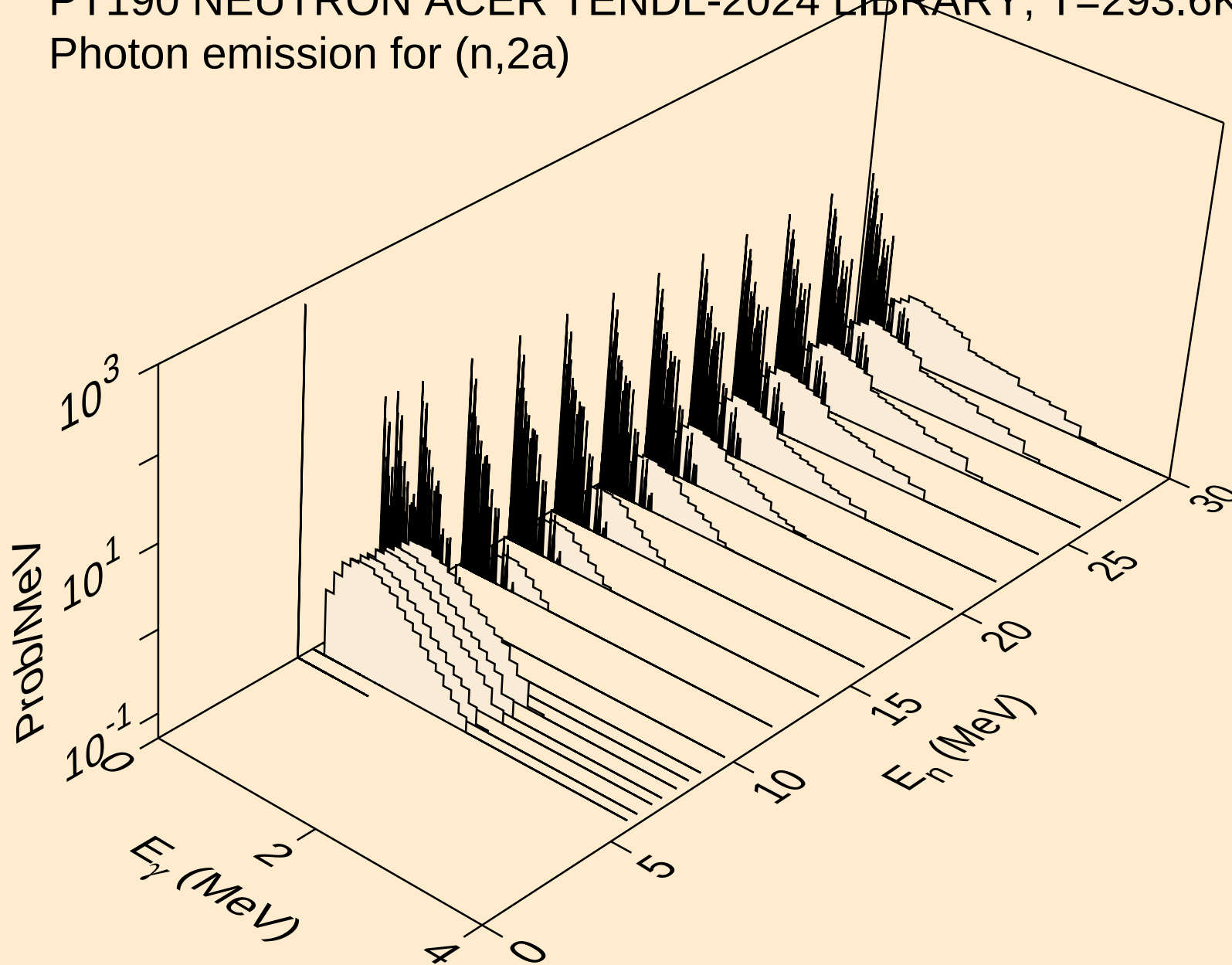
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



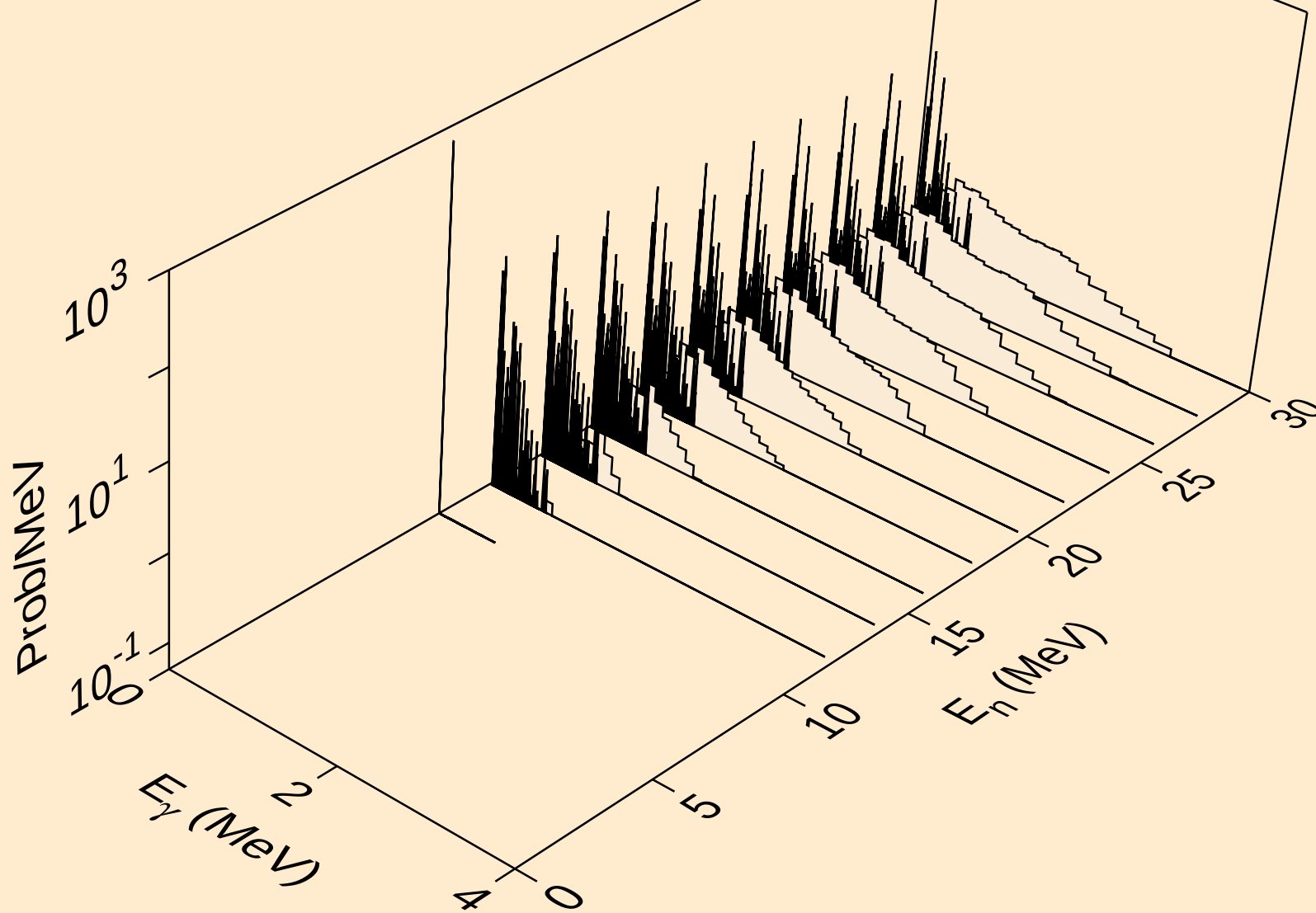
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



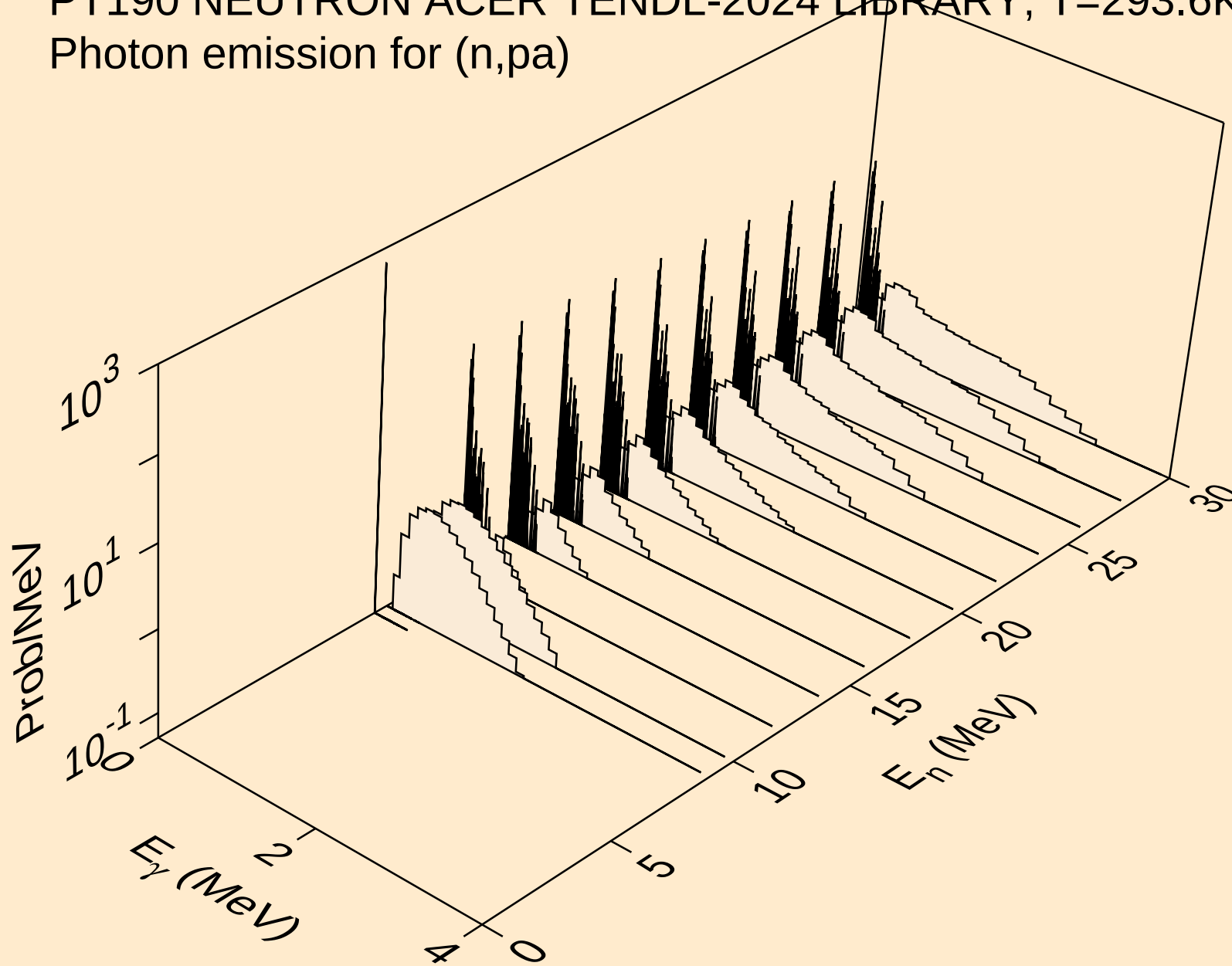
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2a)



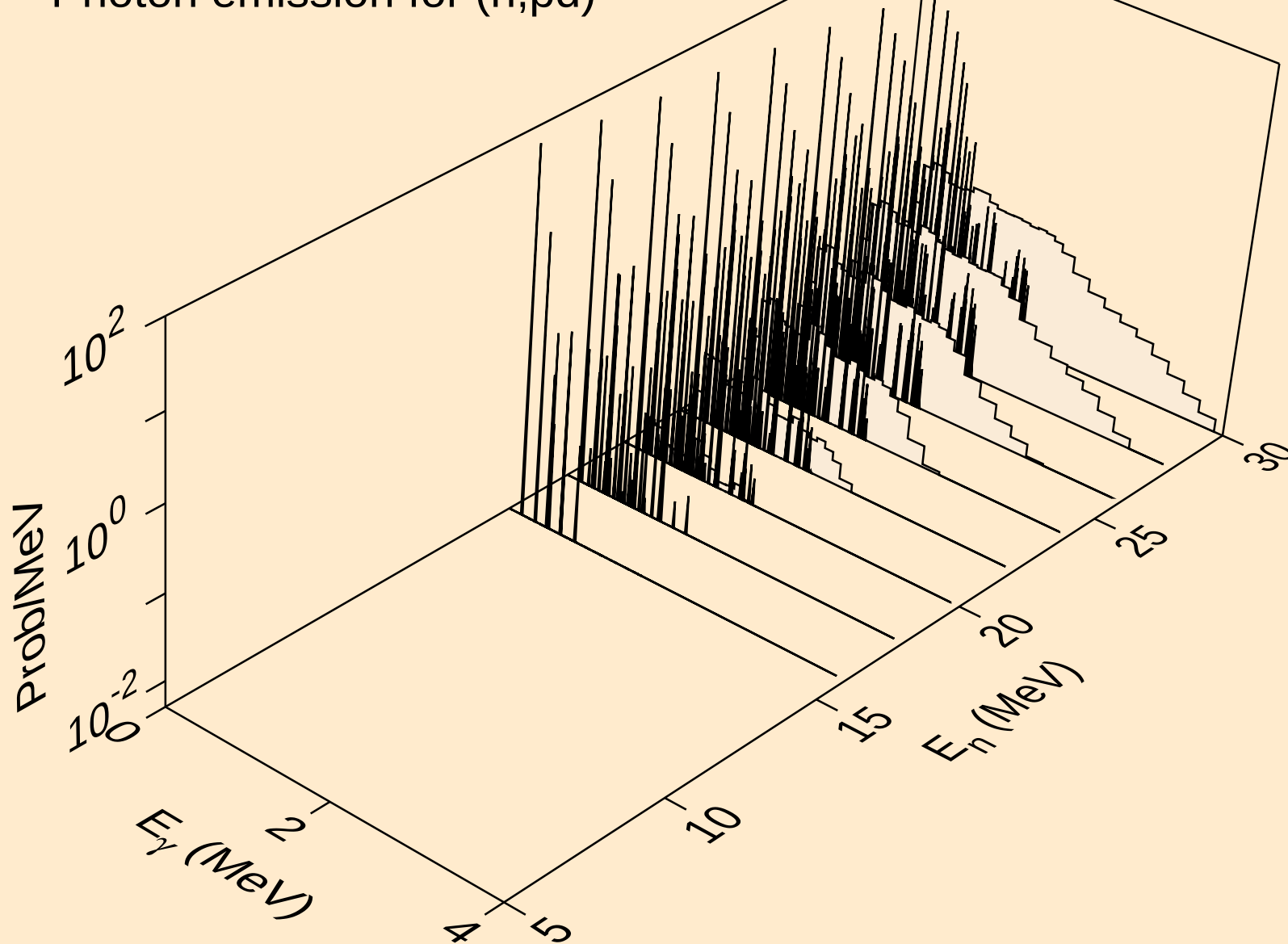
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Photon emission for (n,2p)



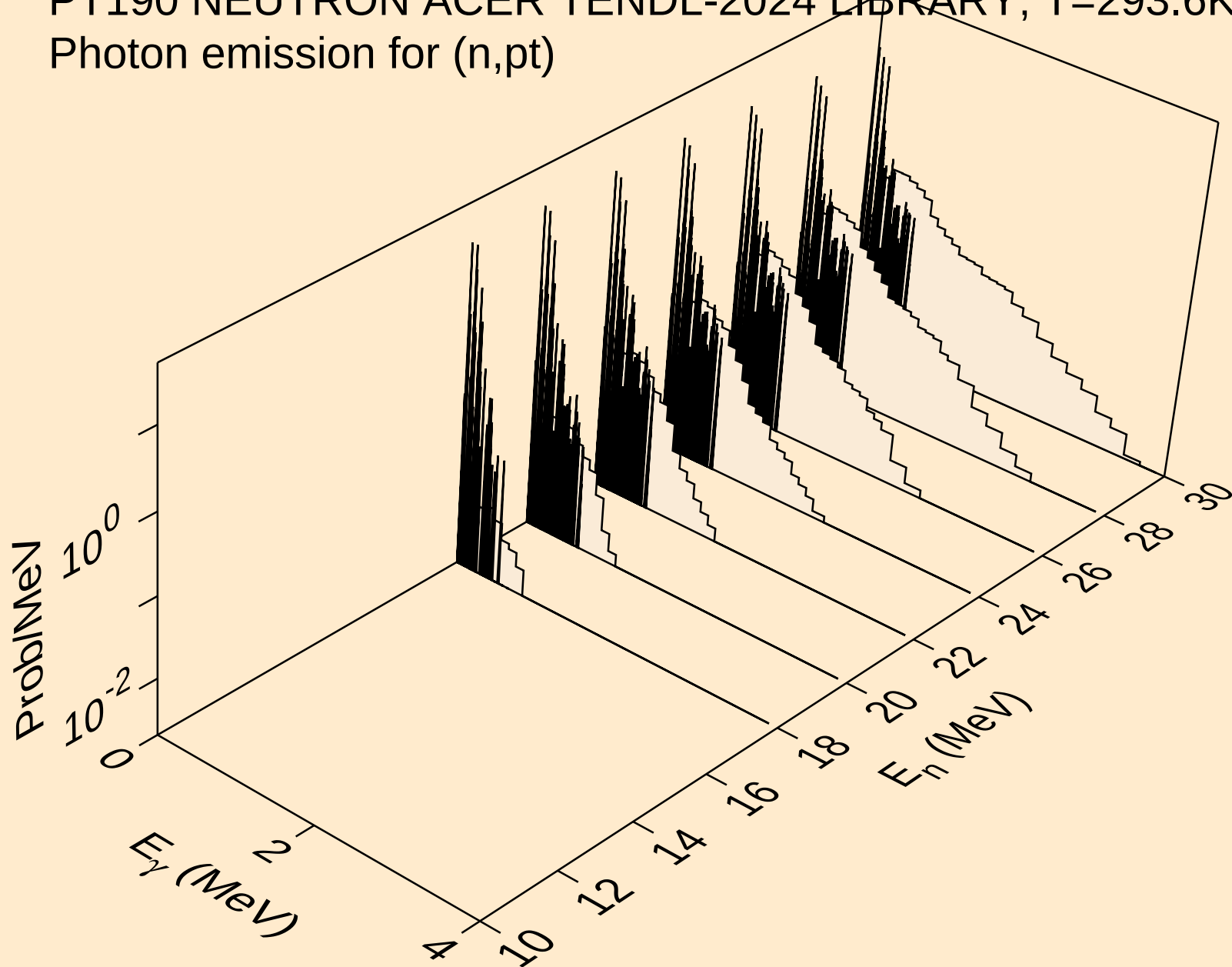
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



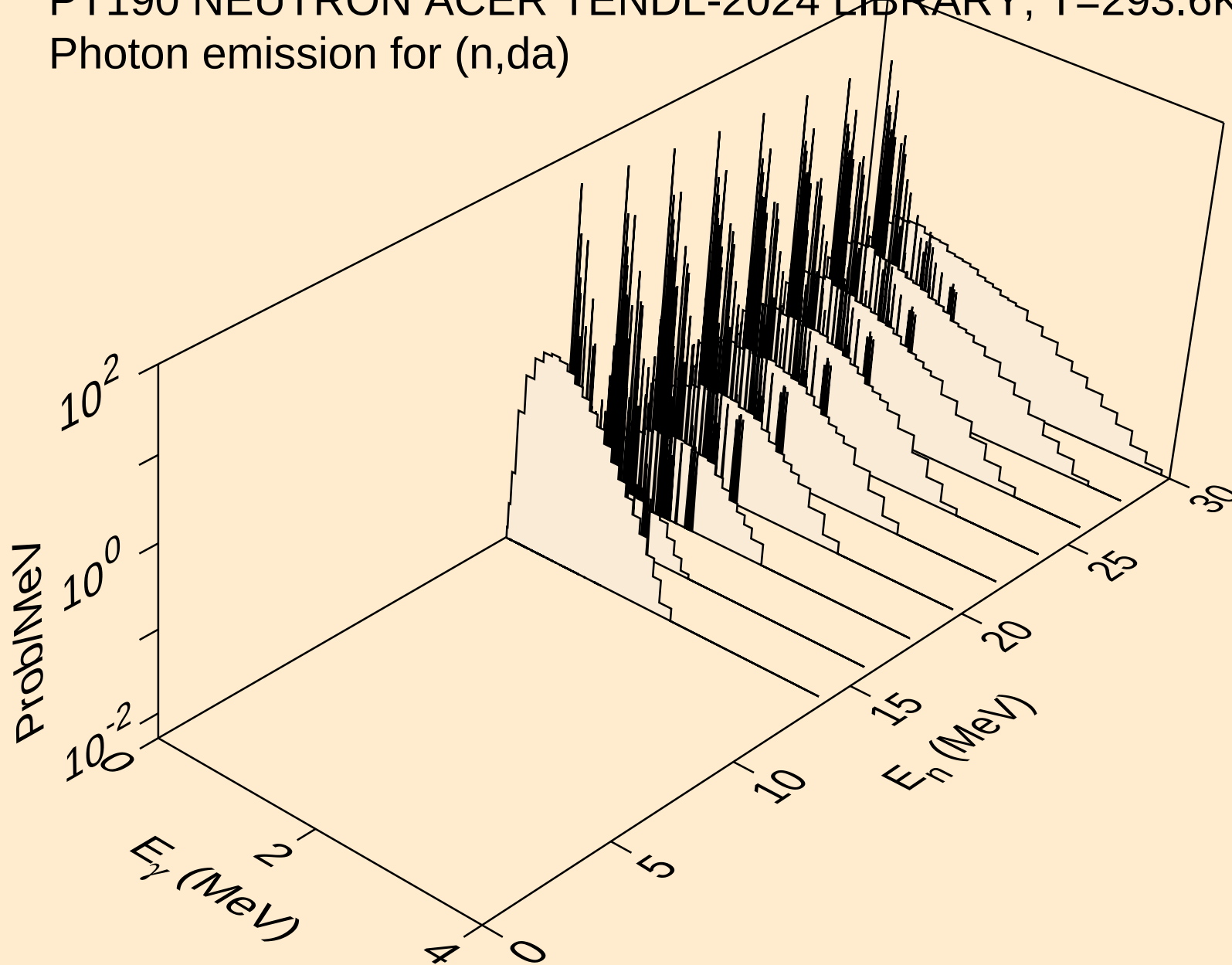
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pd)



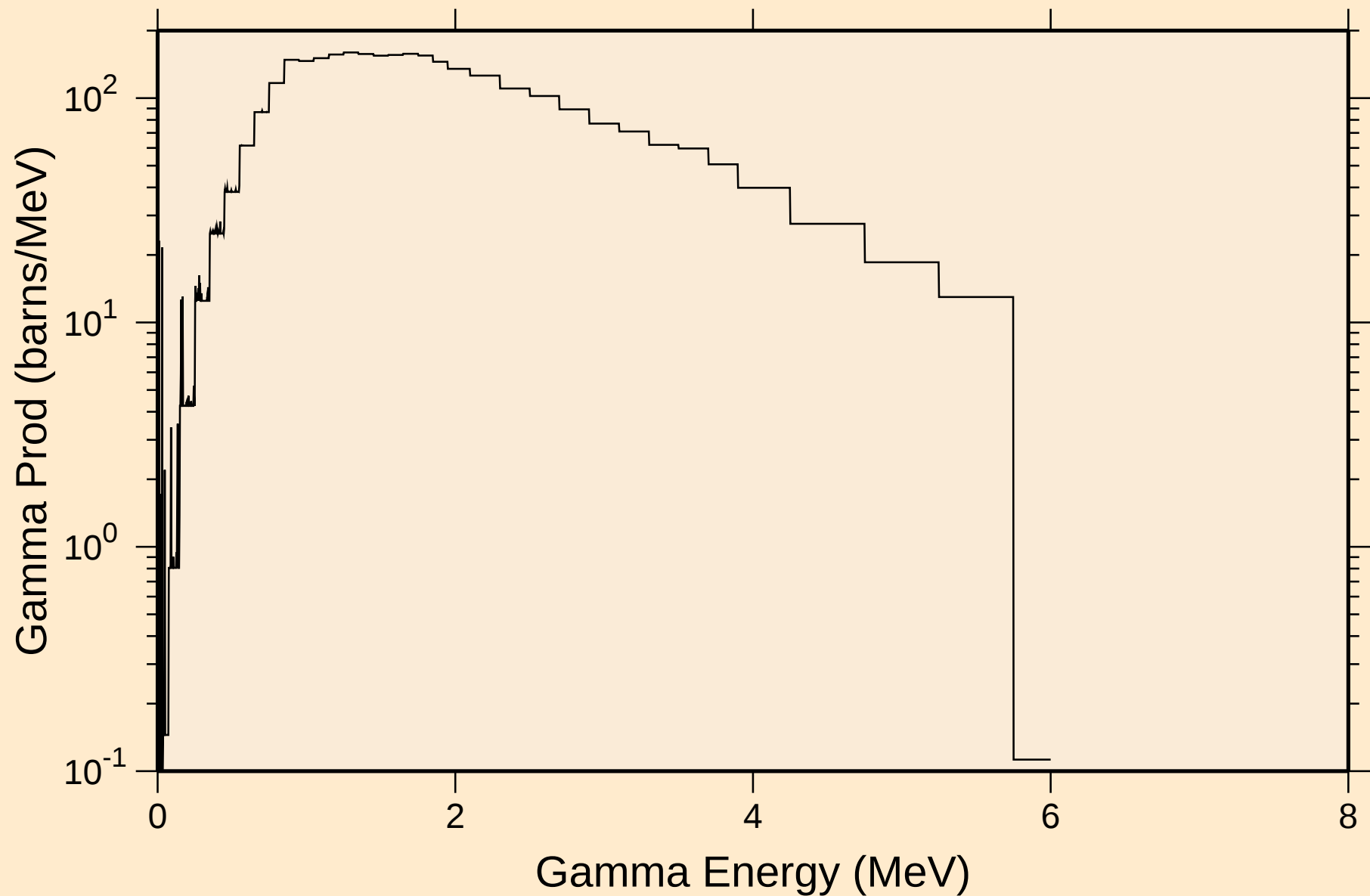
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pt)



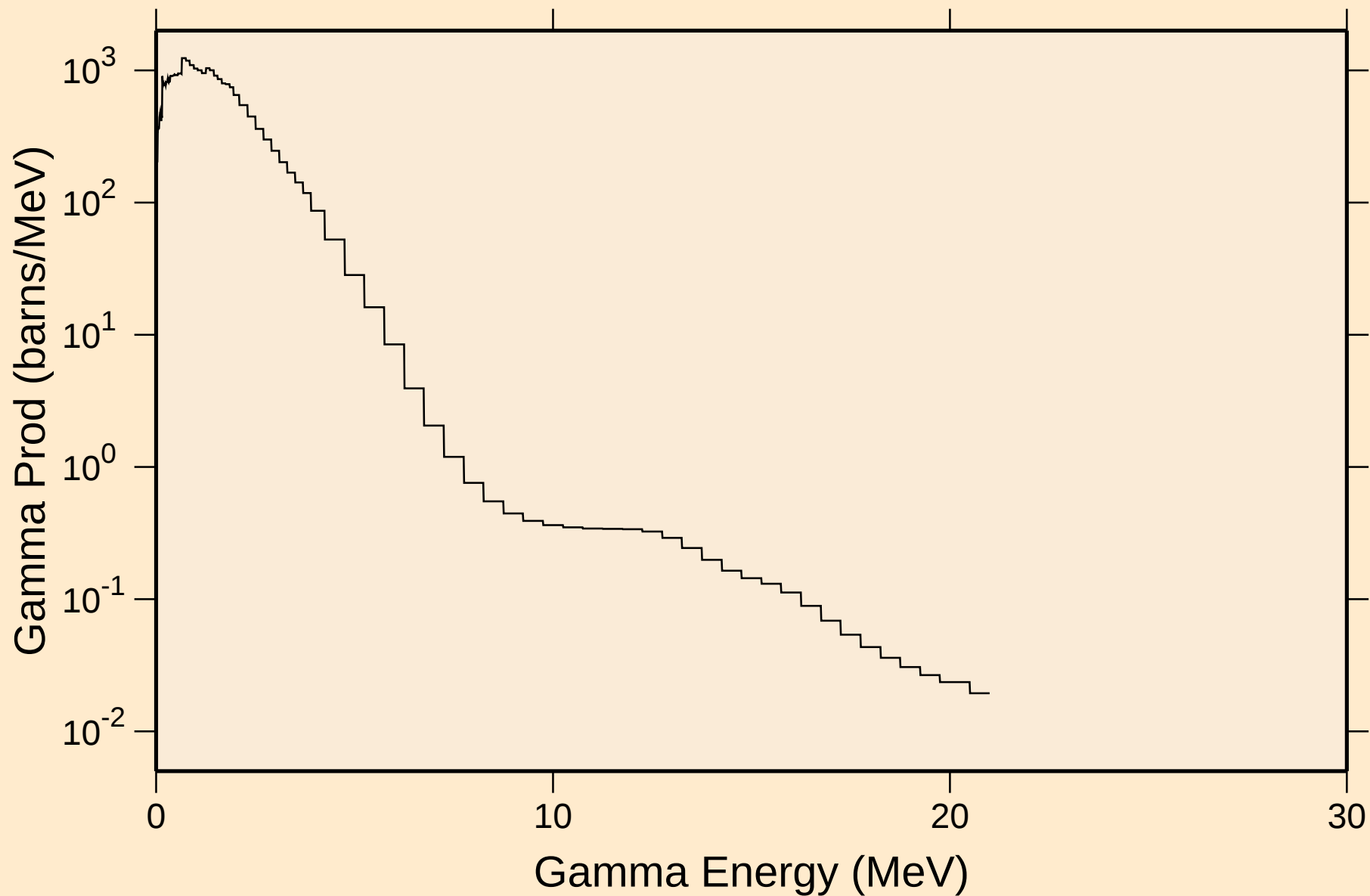
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,da)



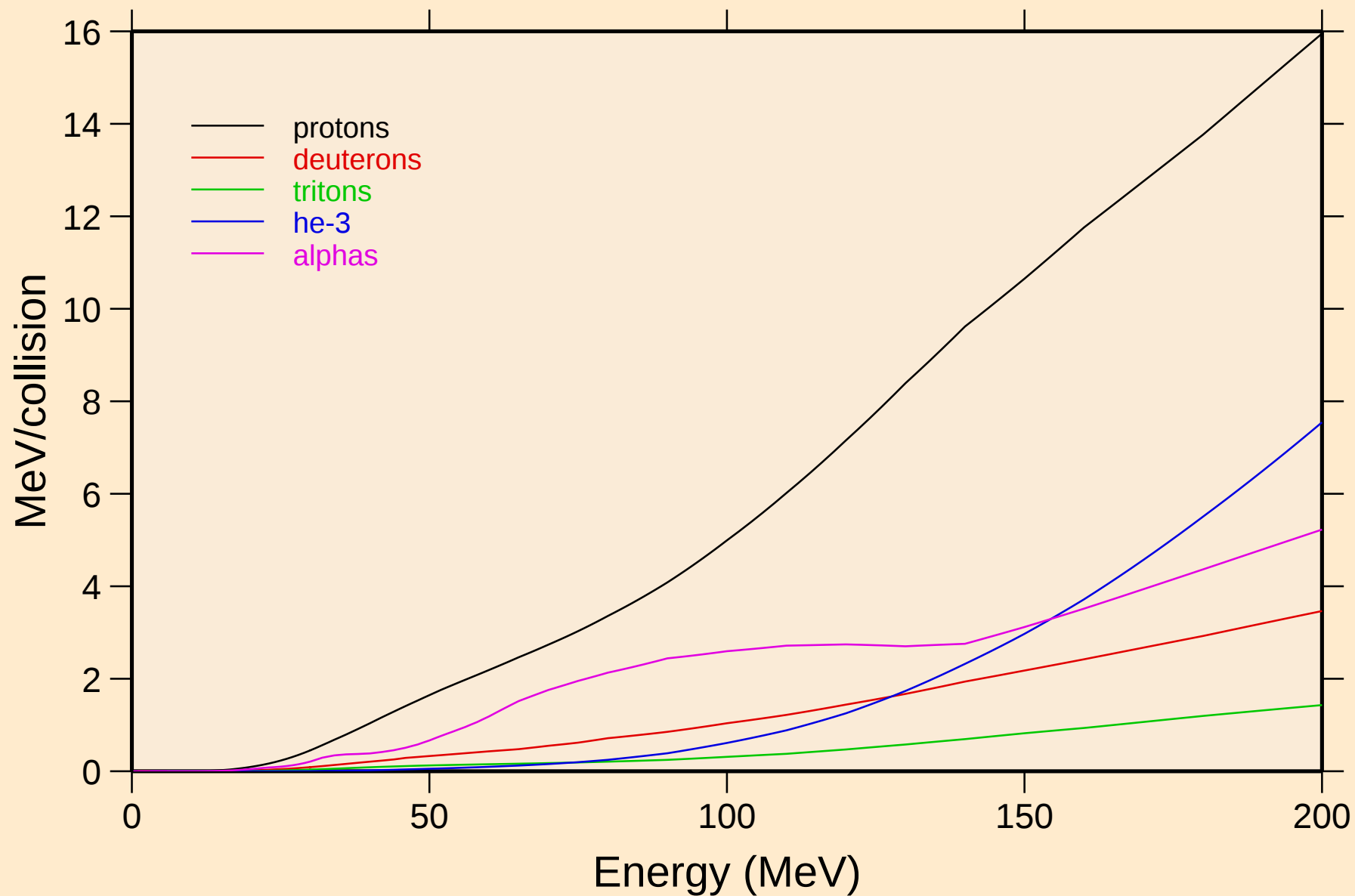
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum



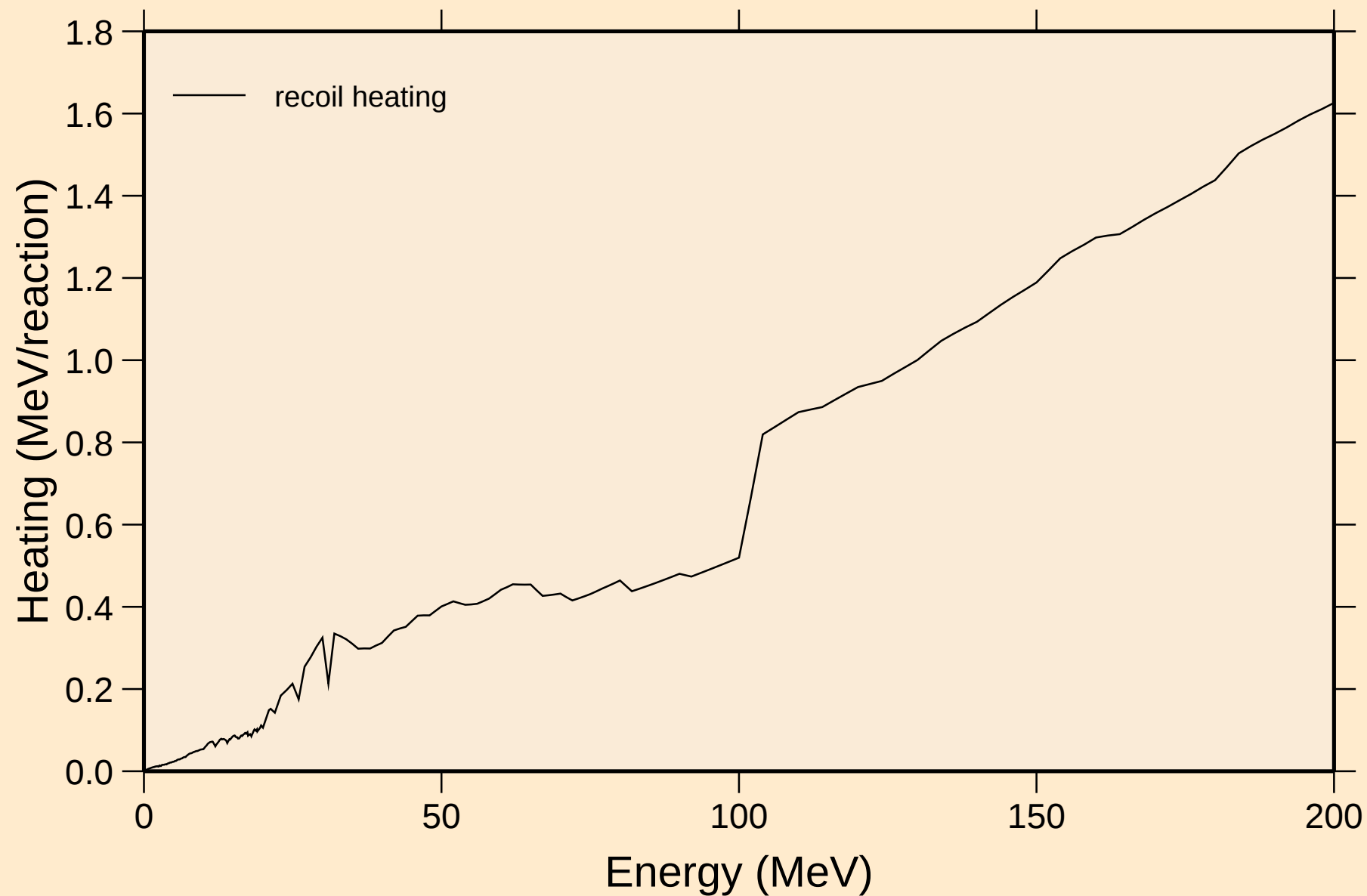
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum



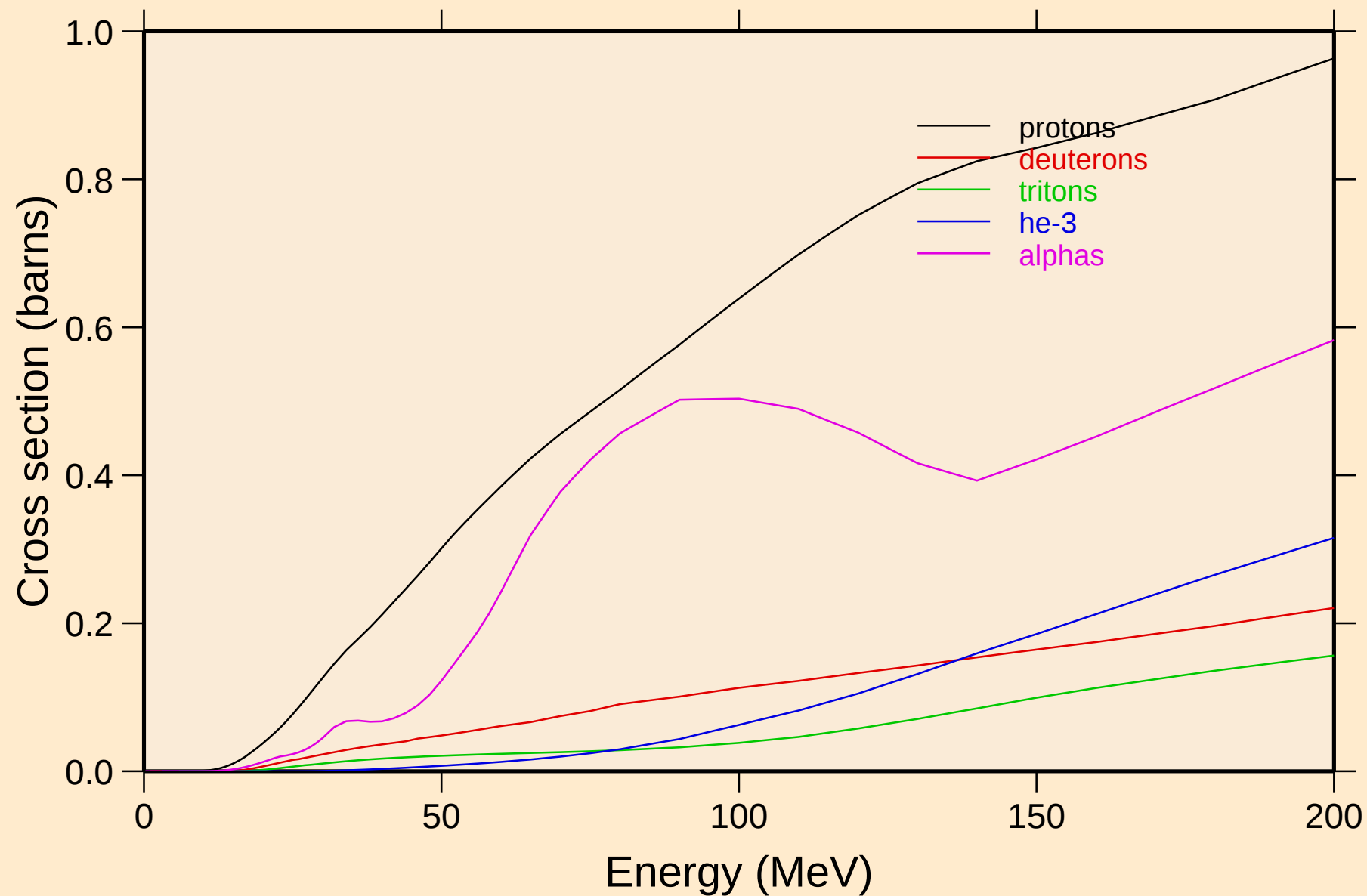
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle heating contributions



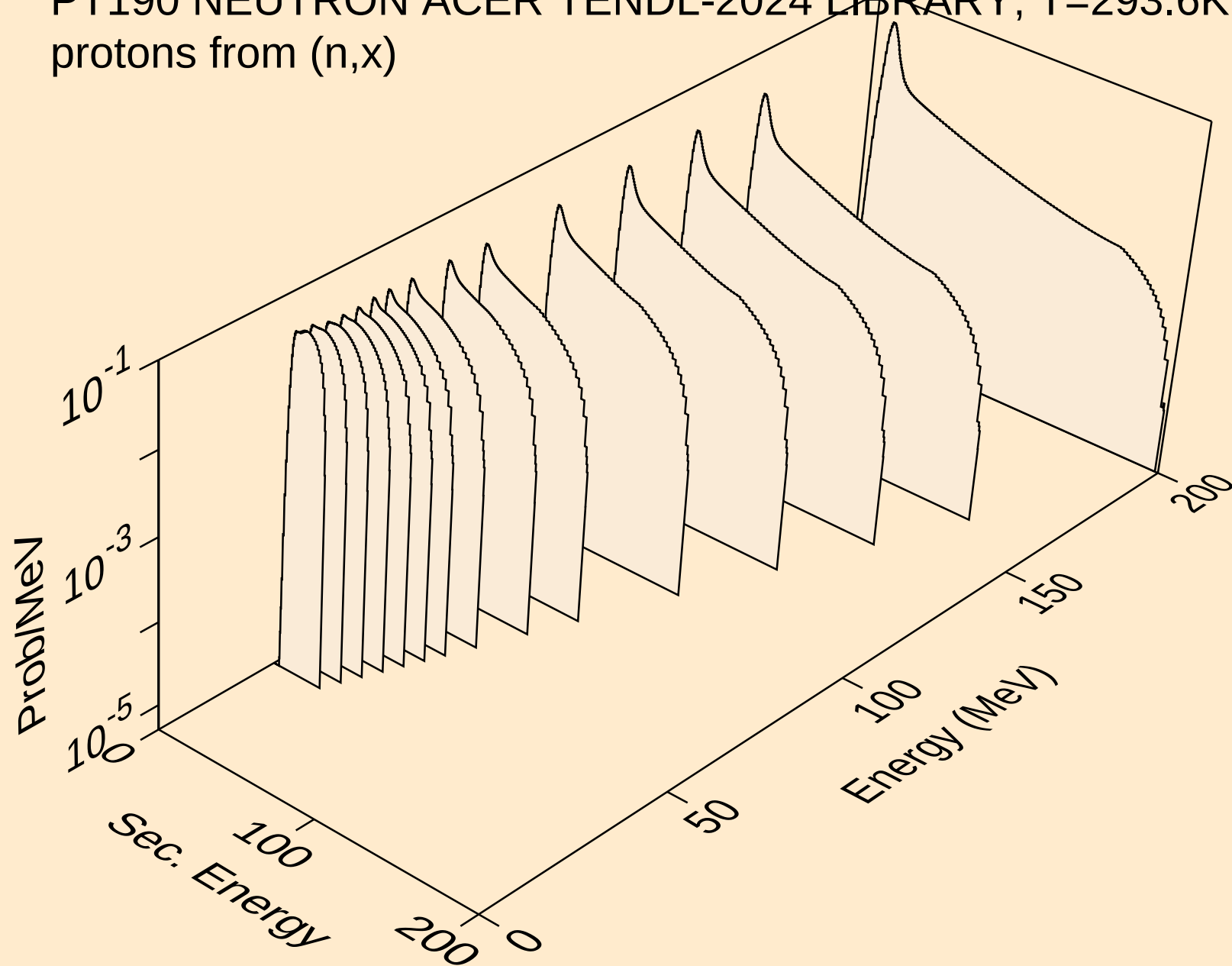
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating



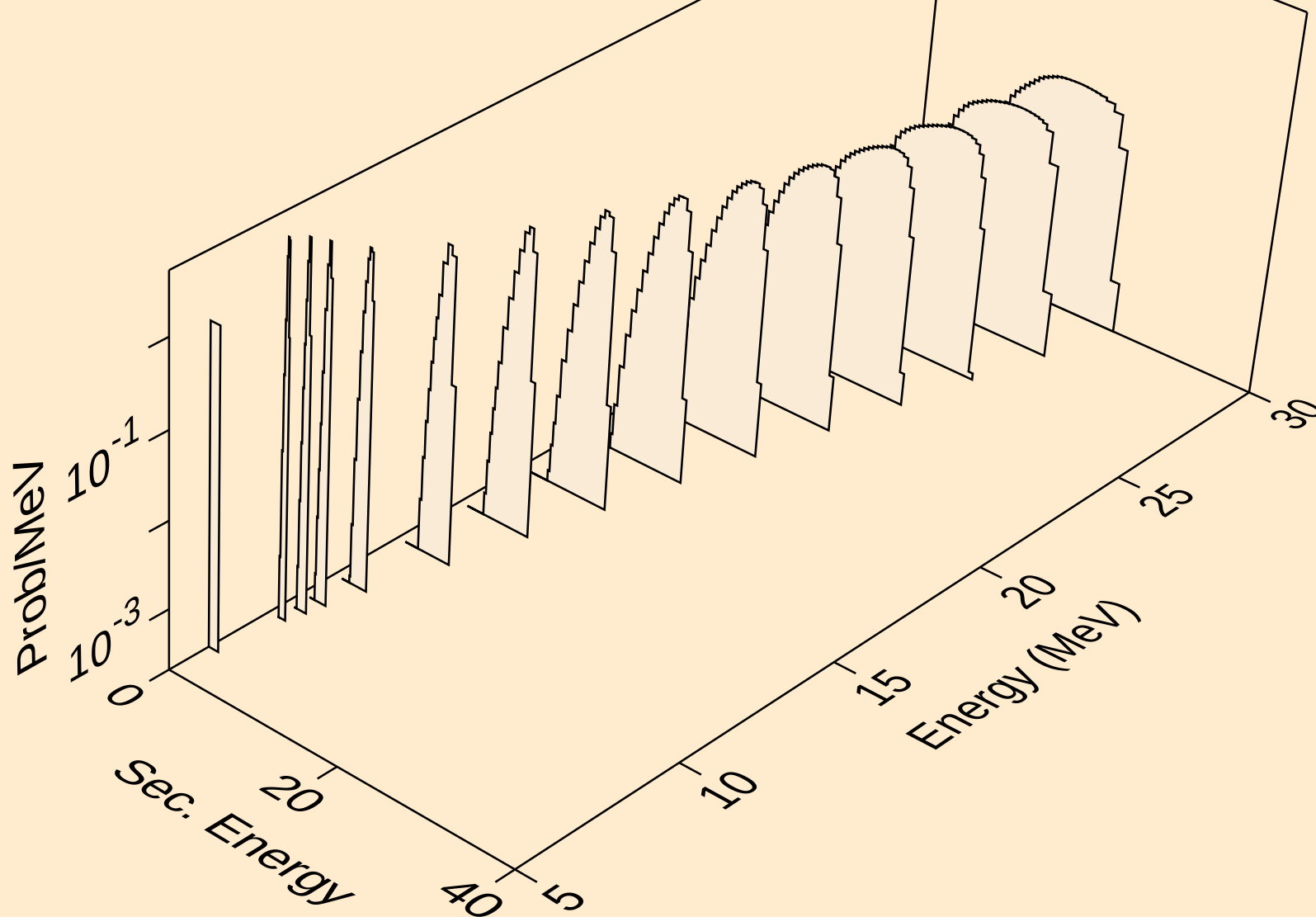
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle production cross sections



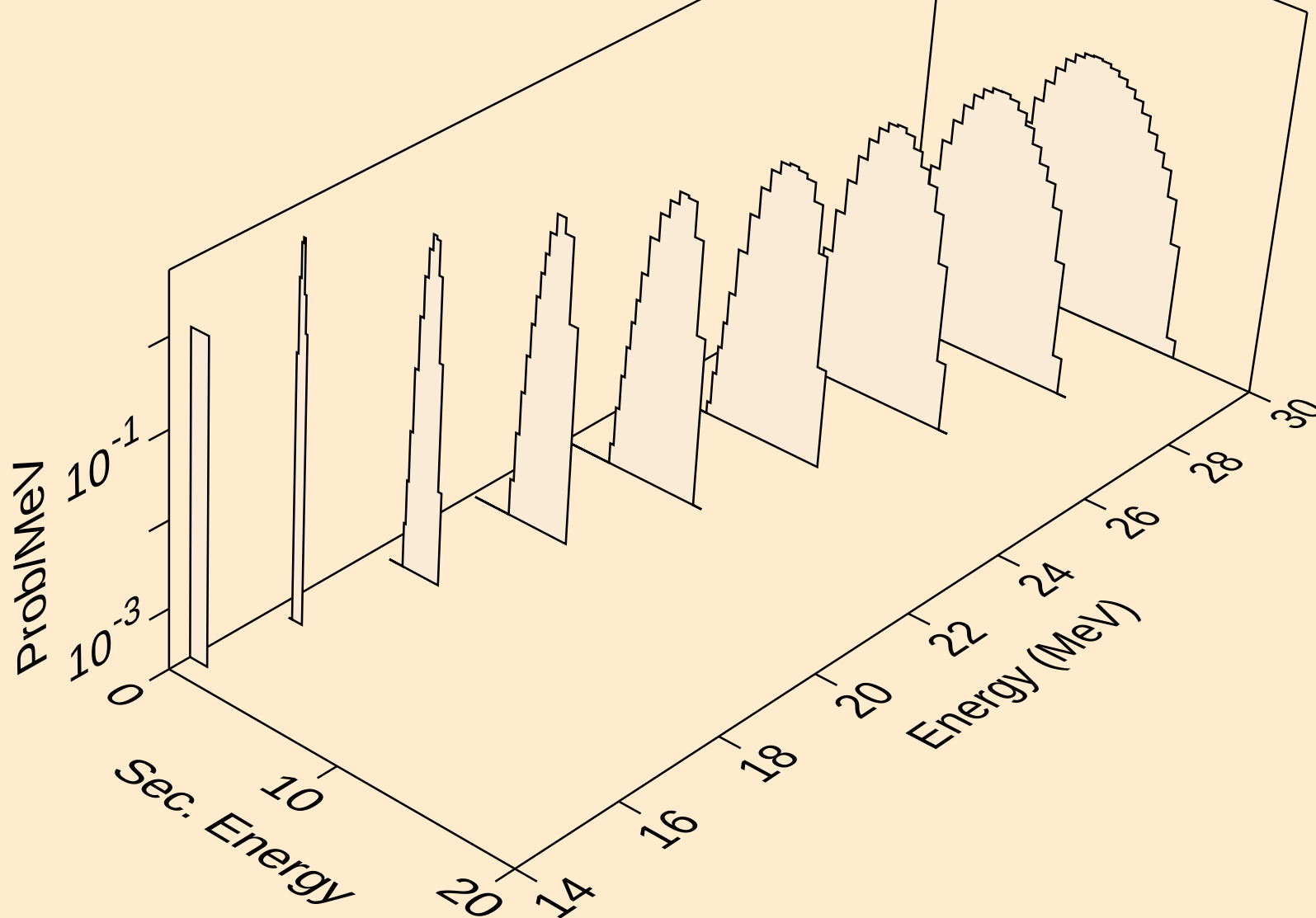
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



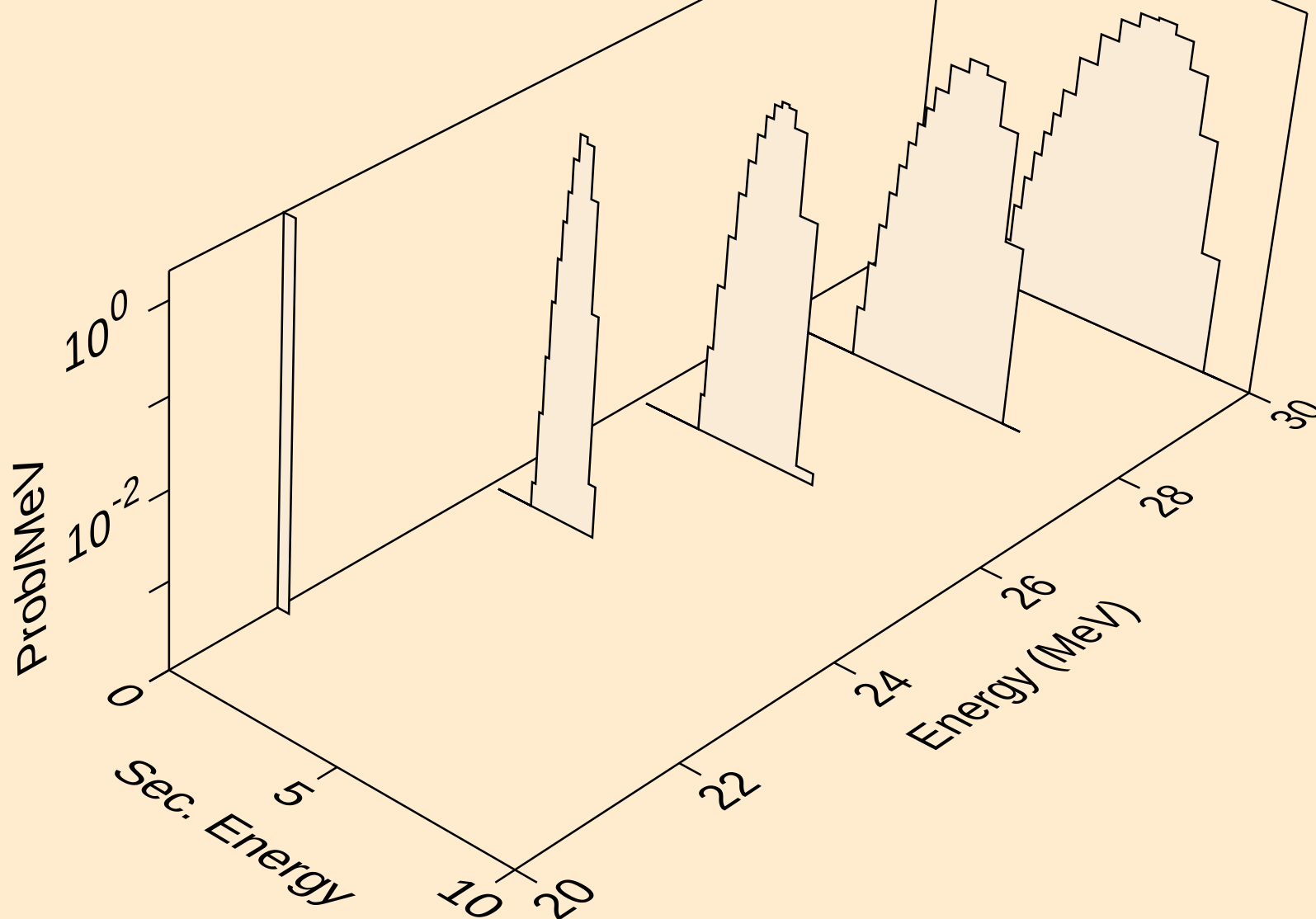
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



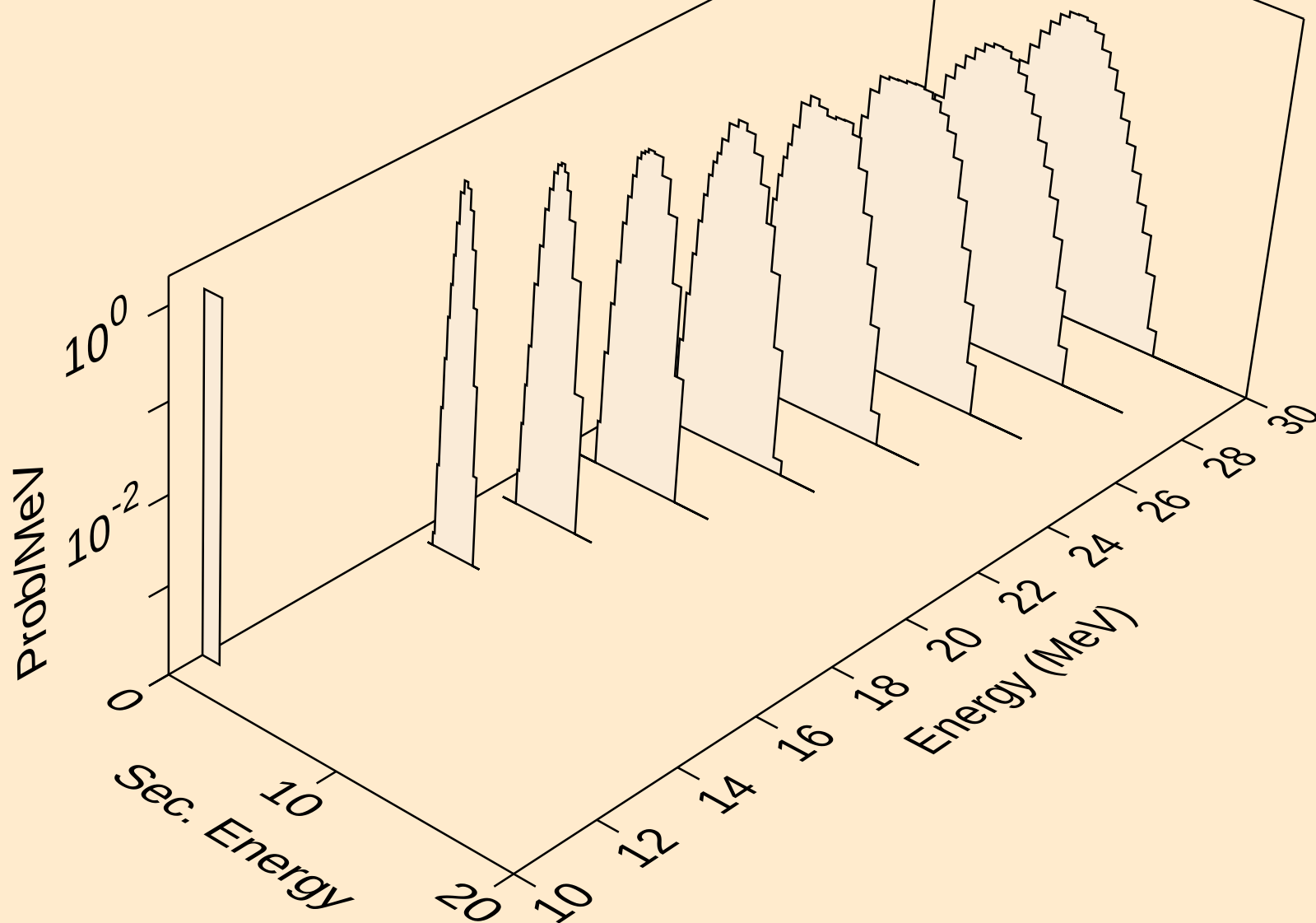
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protons from (n,2np)



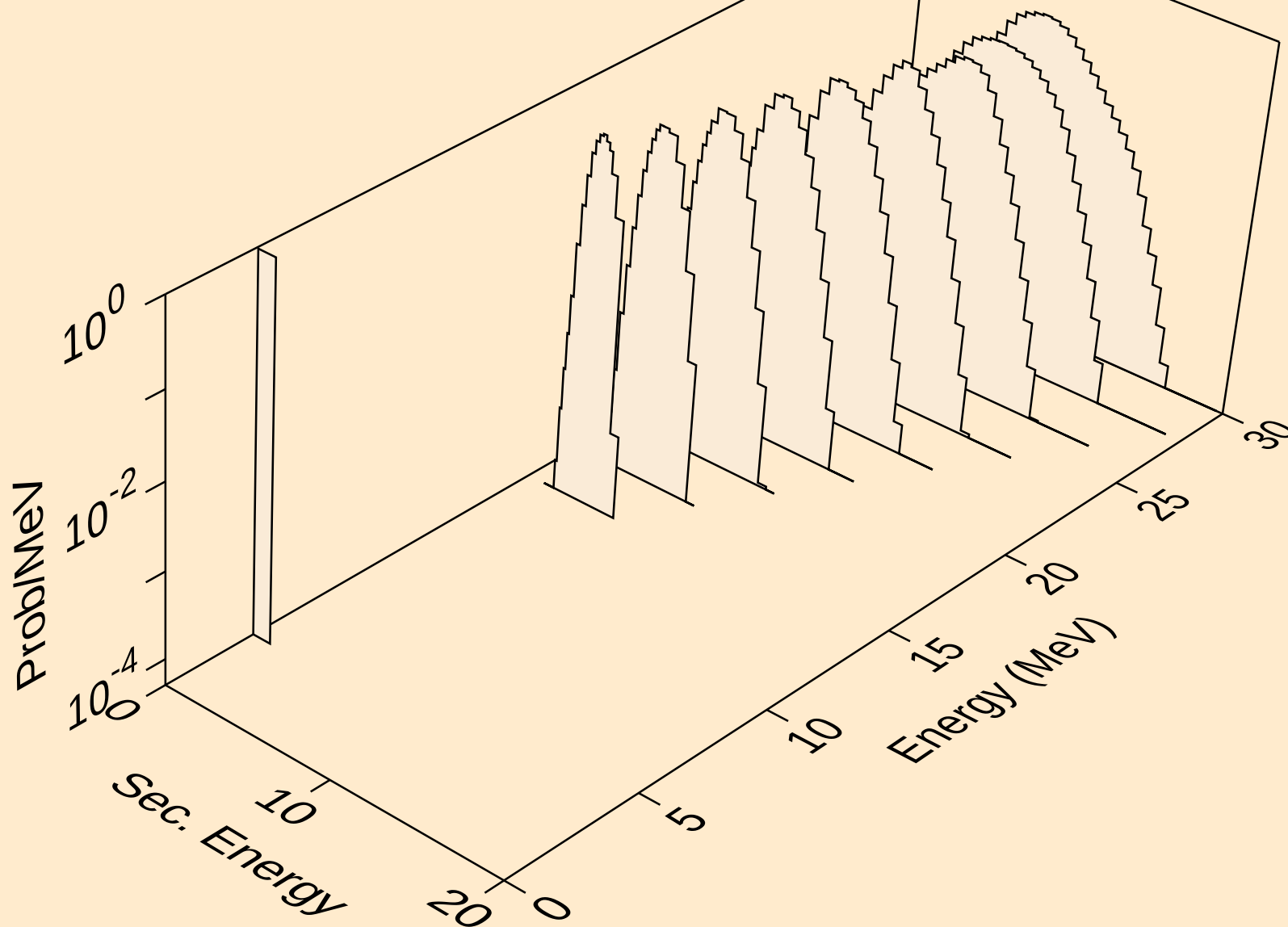
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protons from (n,3np)



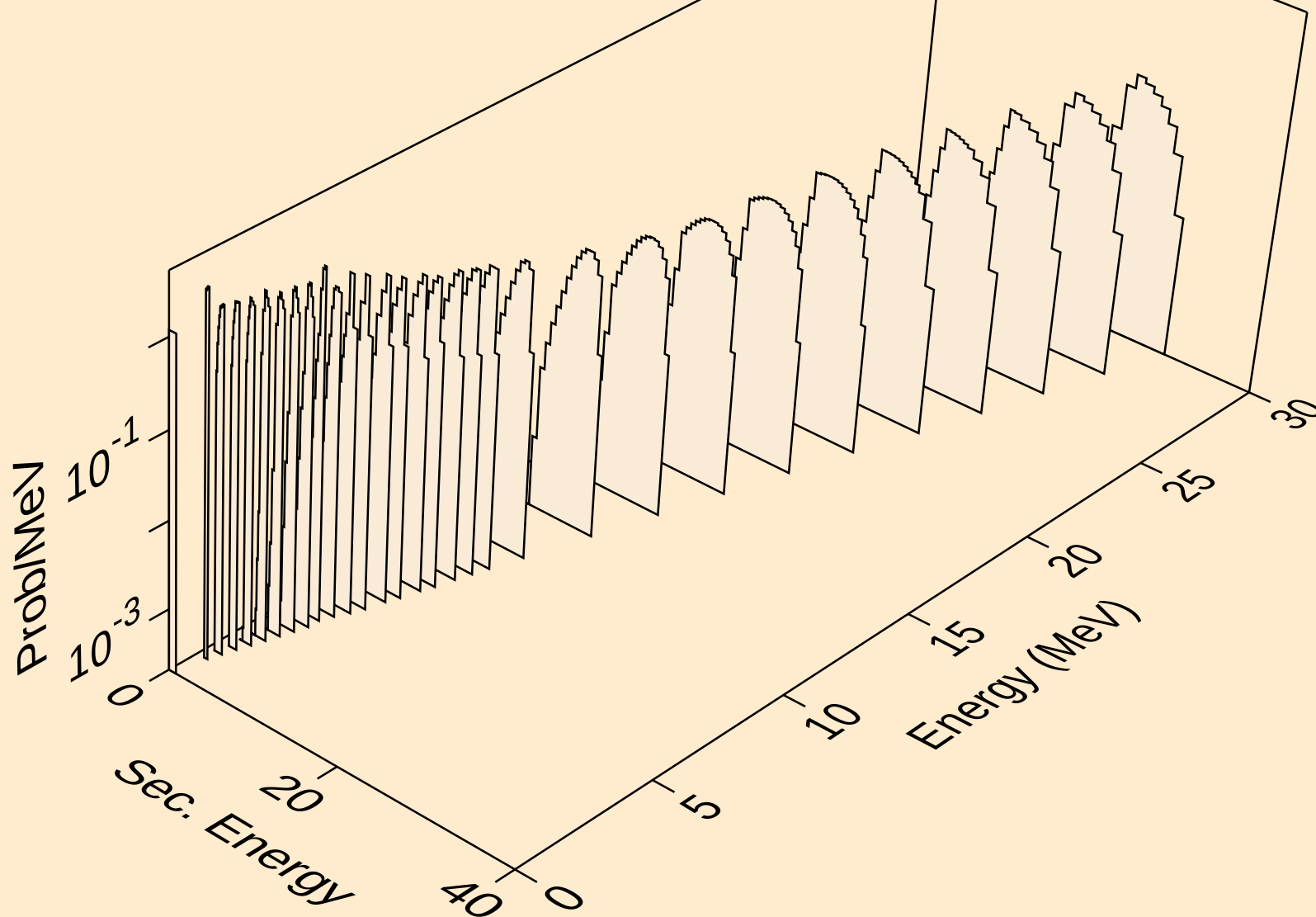
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protons from (n,n2p)



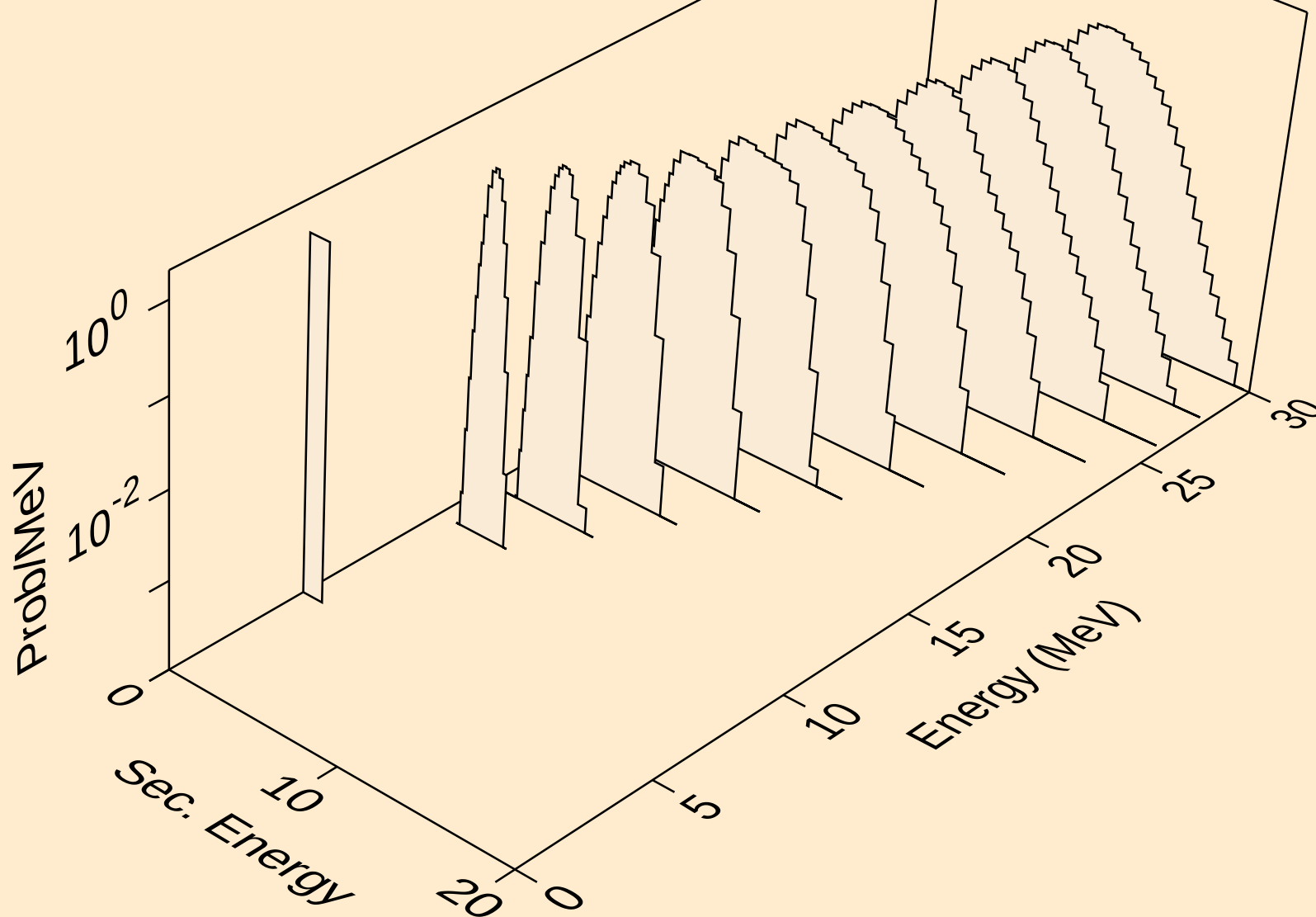
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protons from (n,npa)



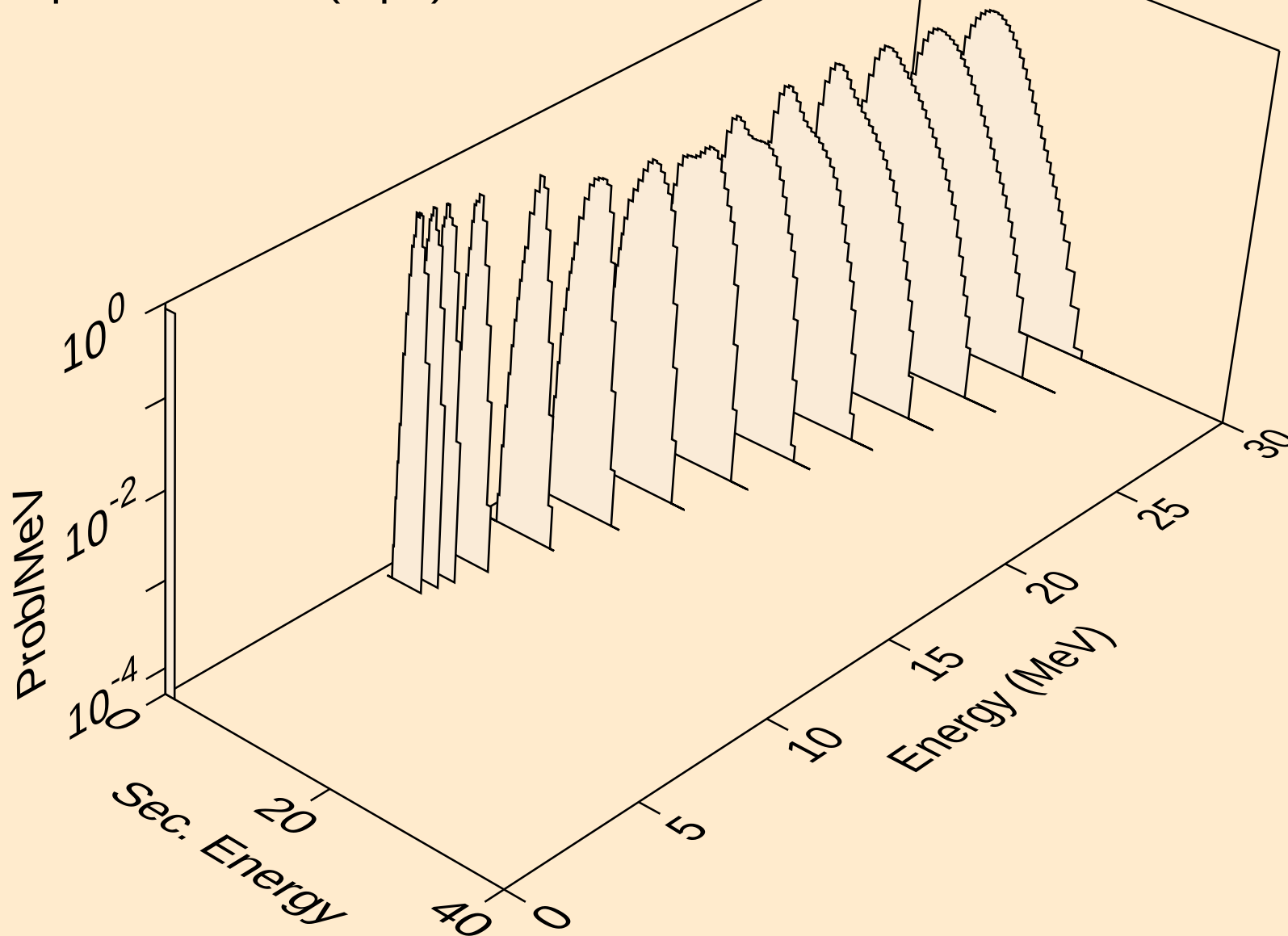
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protons from (n,p)



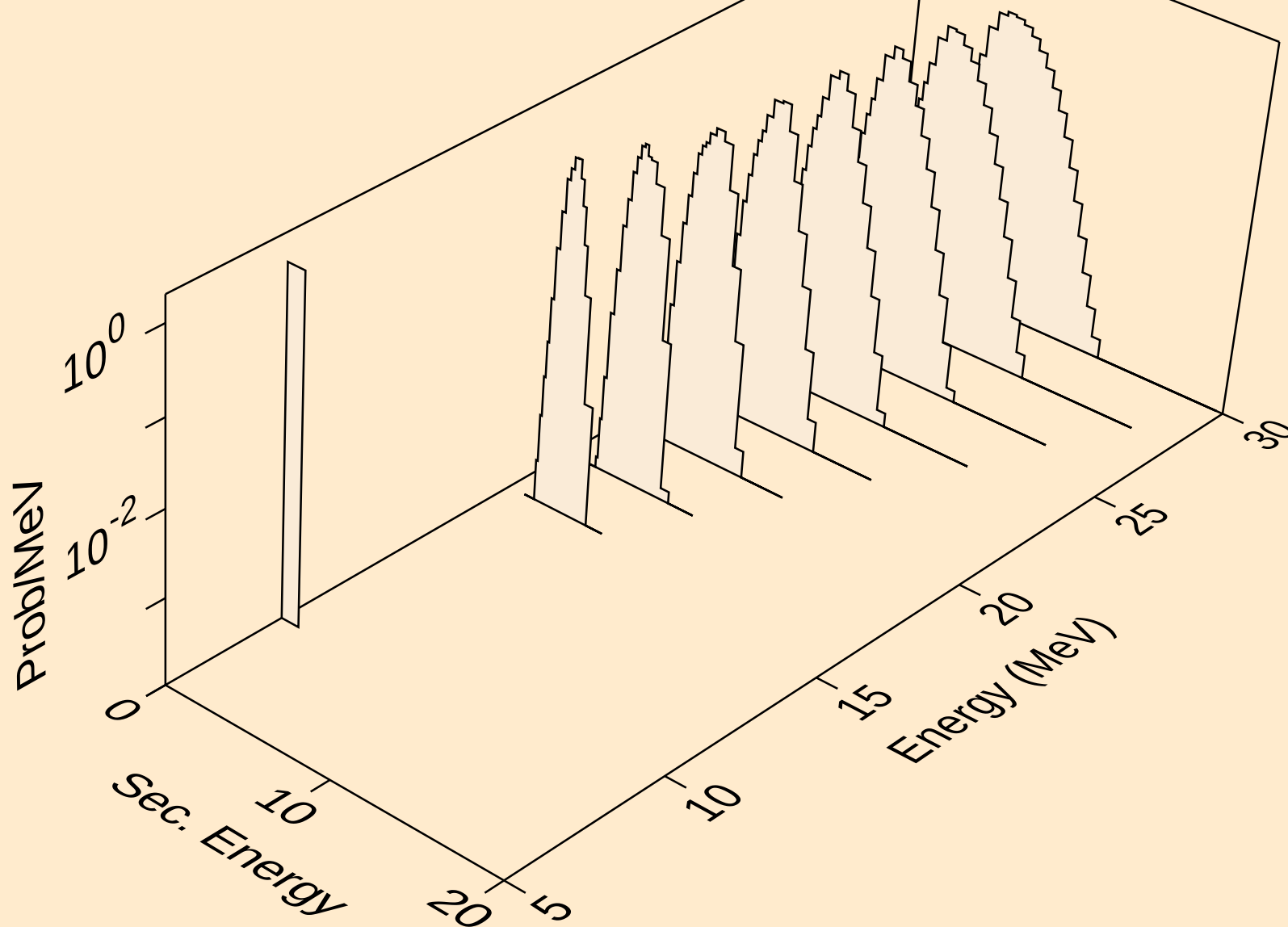
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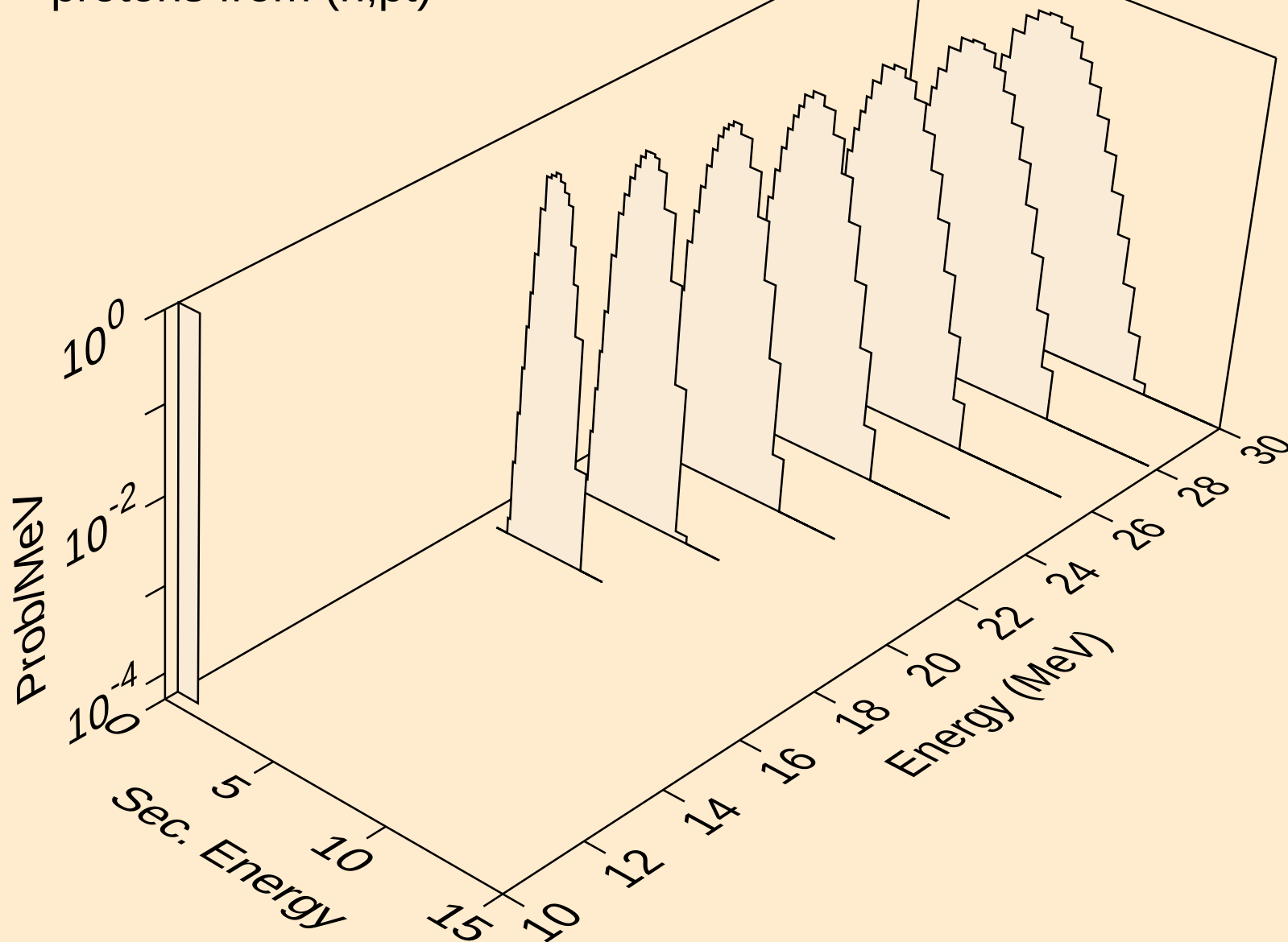
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protons from (n,p)



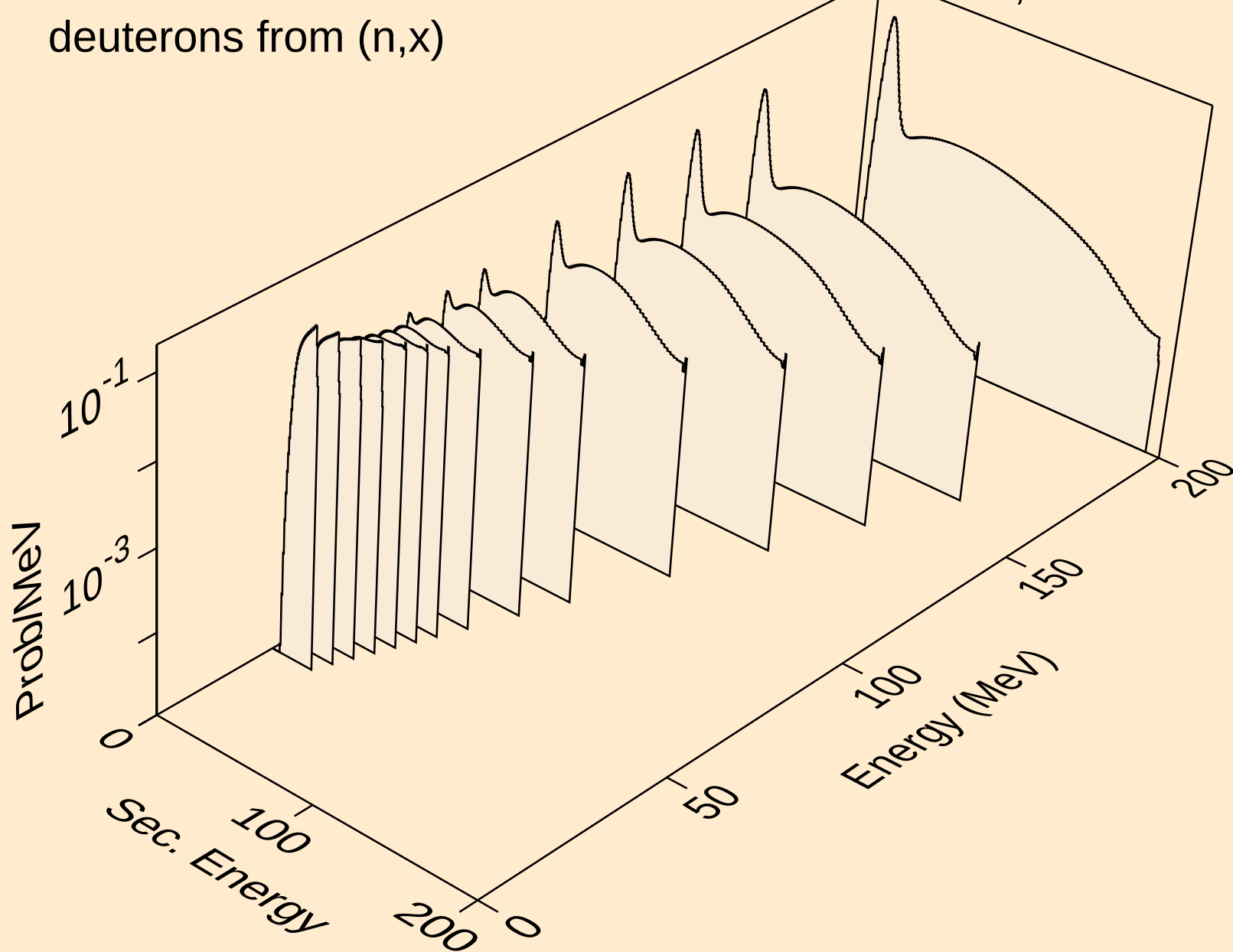
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,pd)



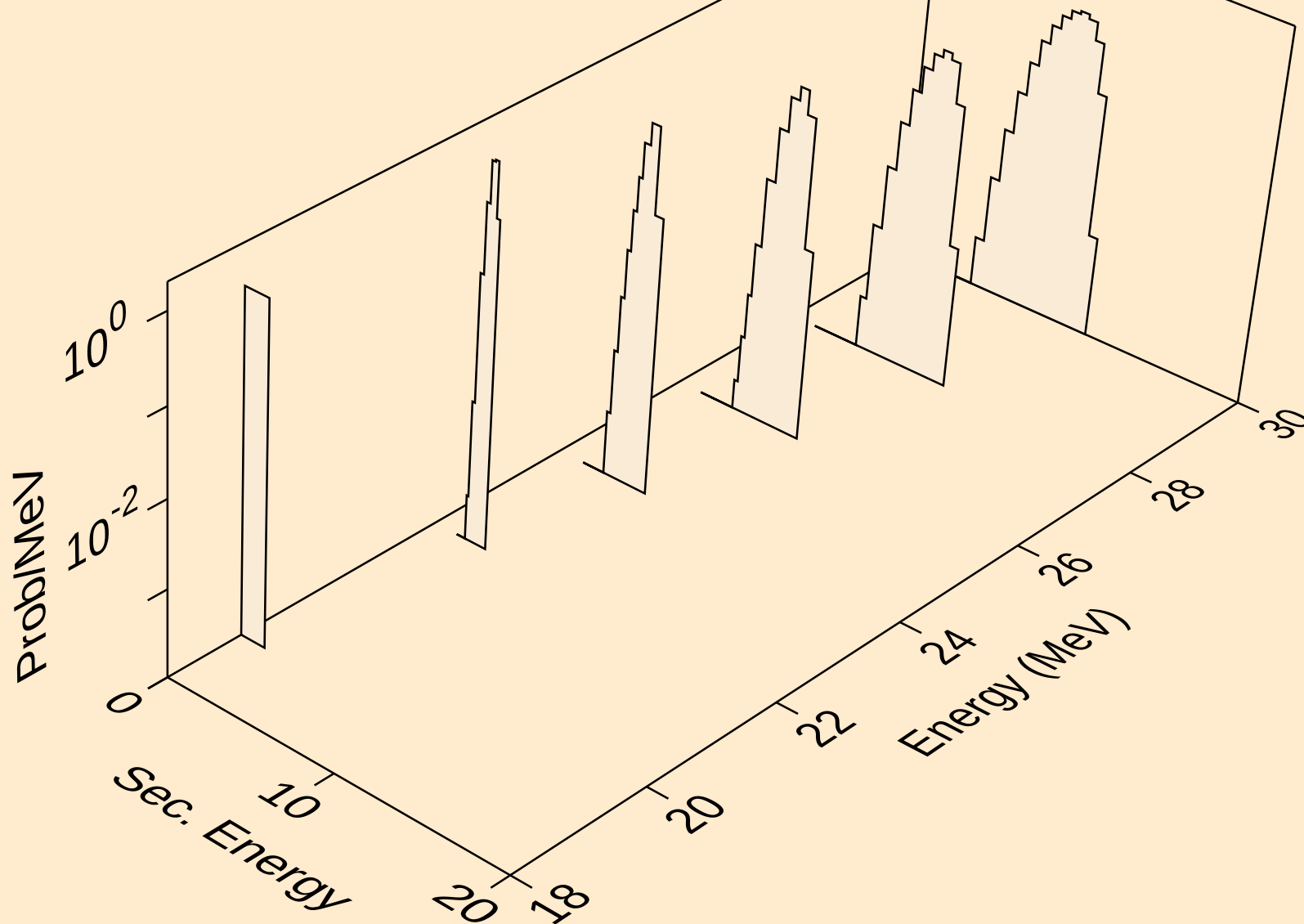
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protons from (n,pt)



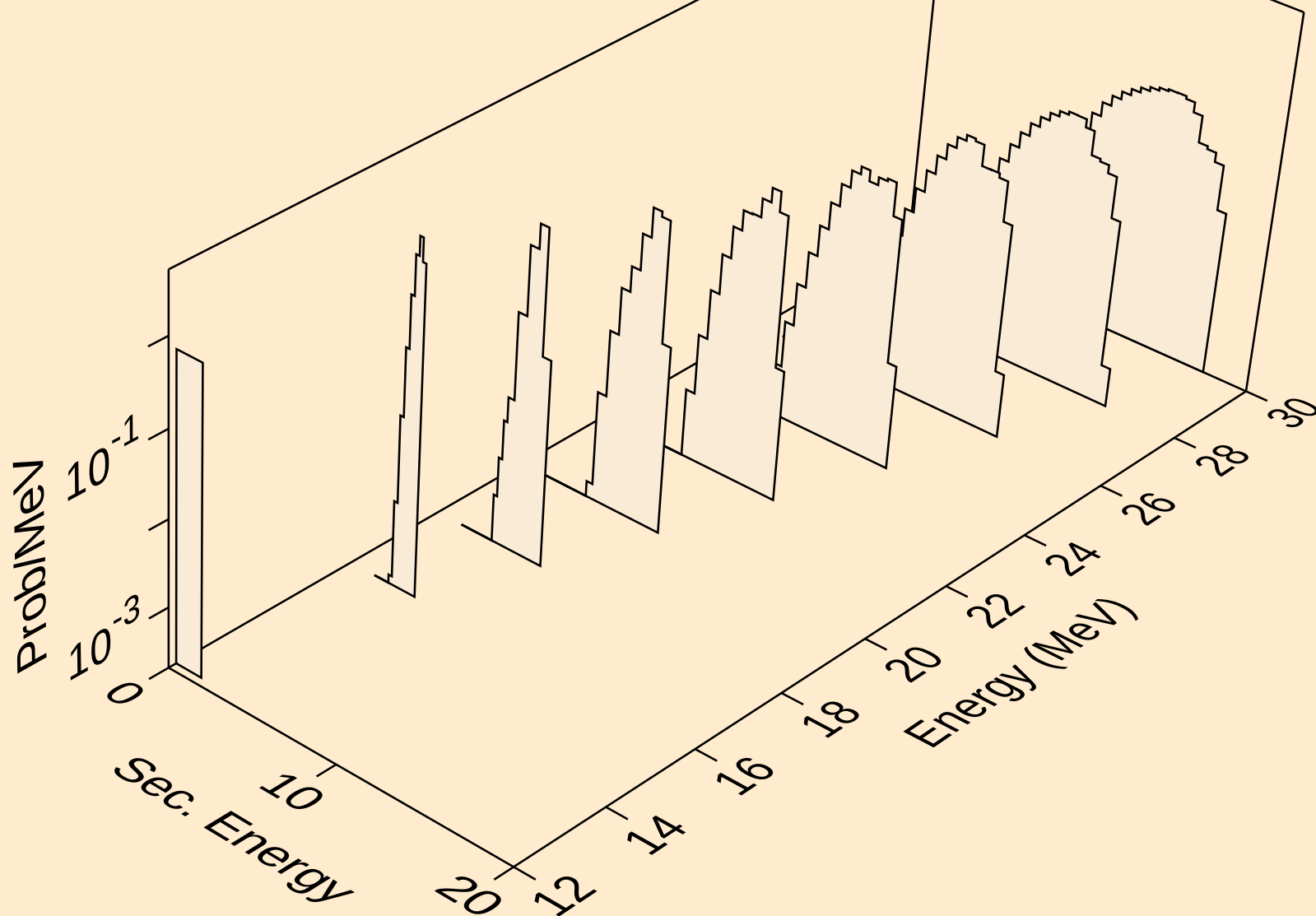
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



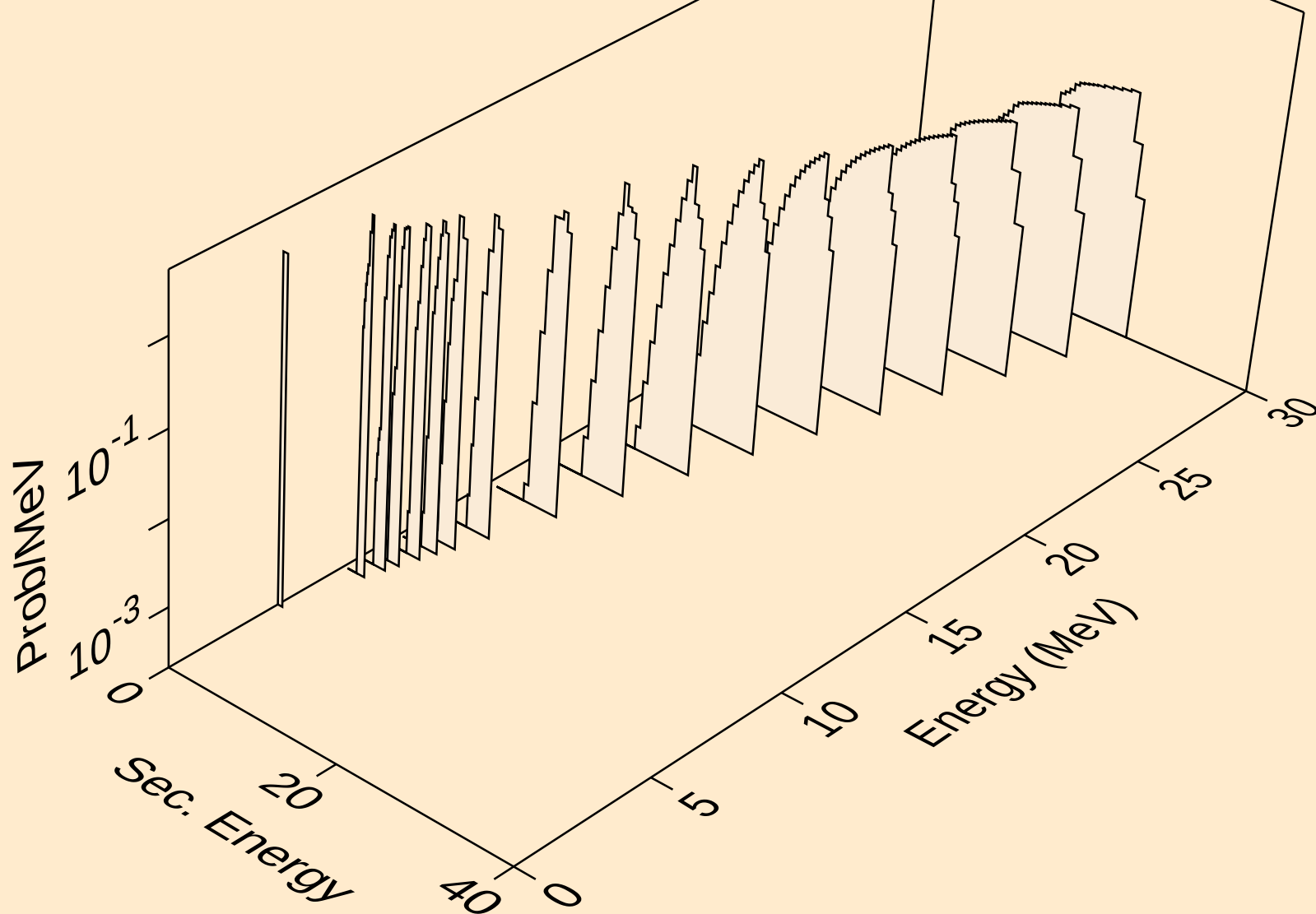
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deuterons from (n,2nd)



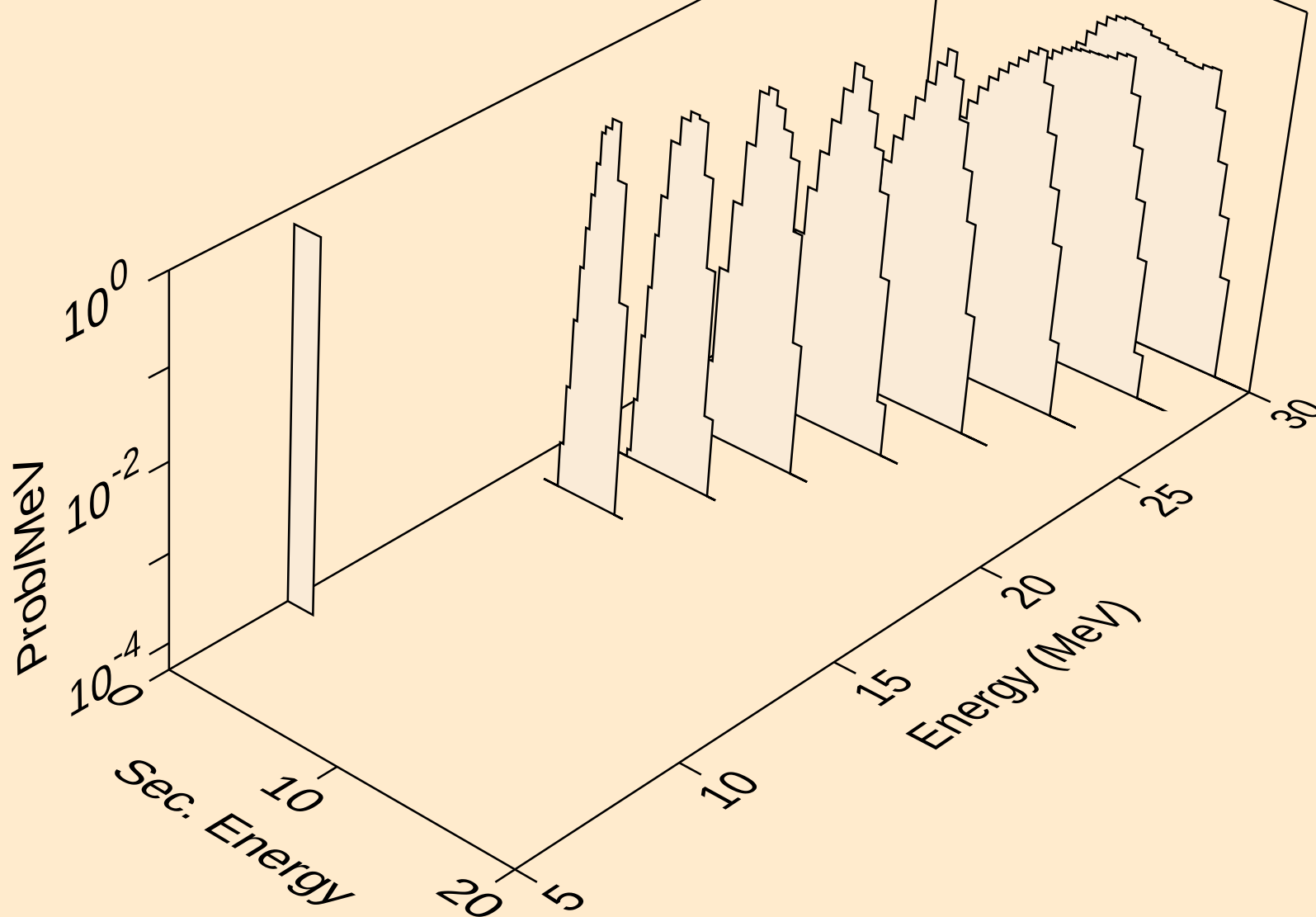
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



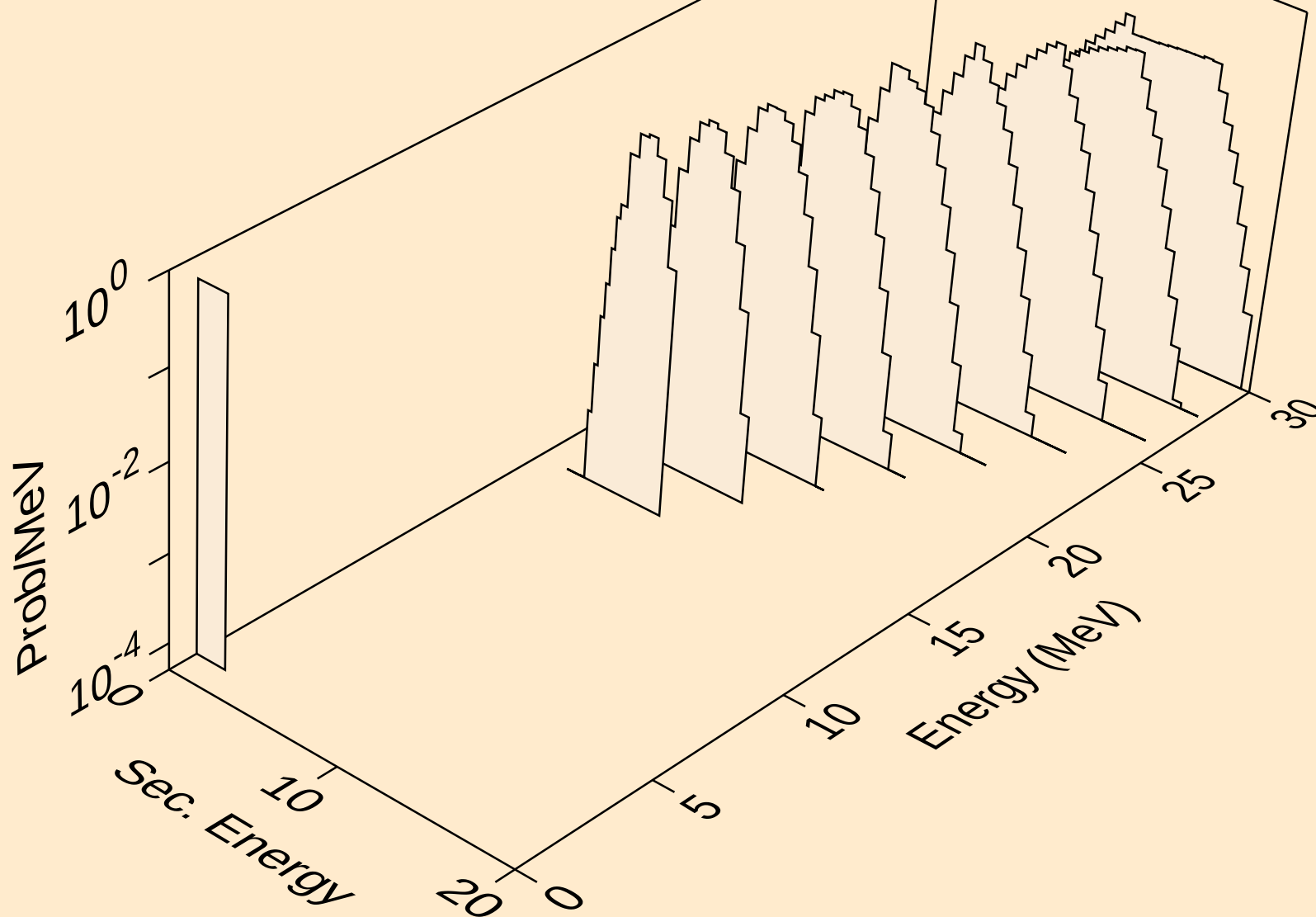
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deuterons from (n,d)



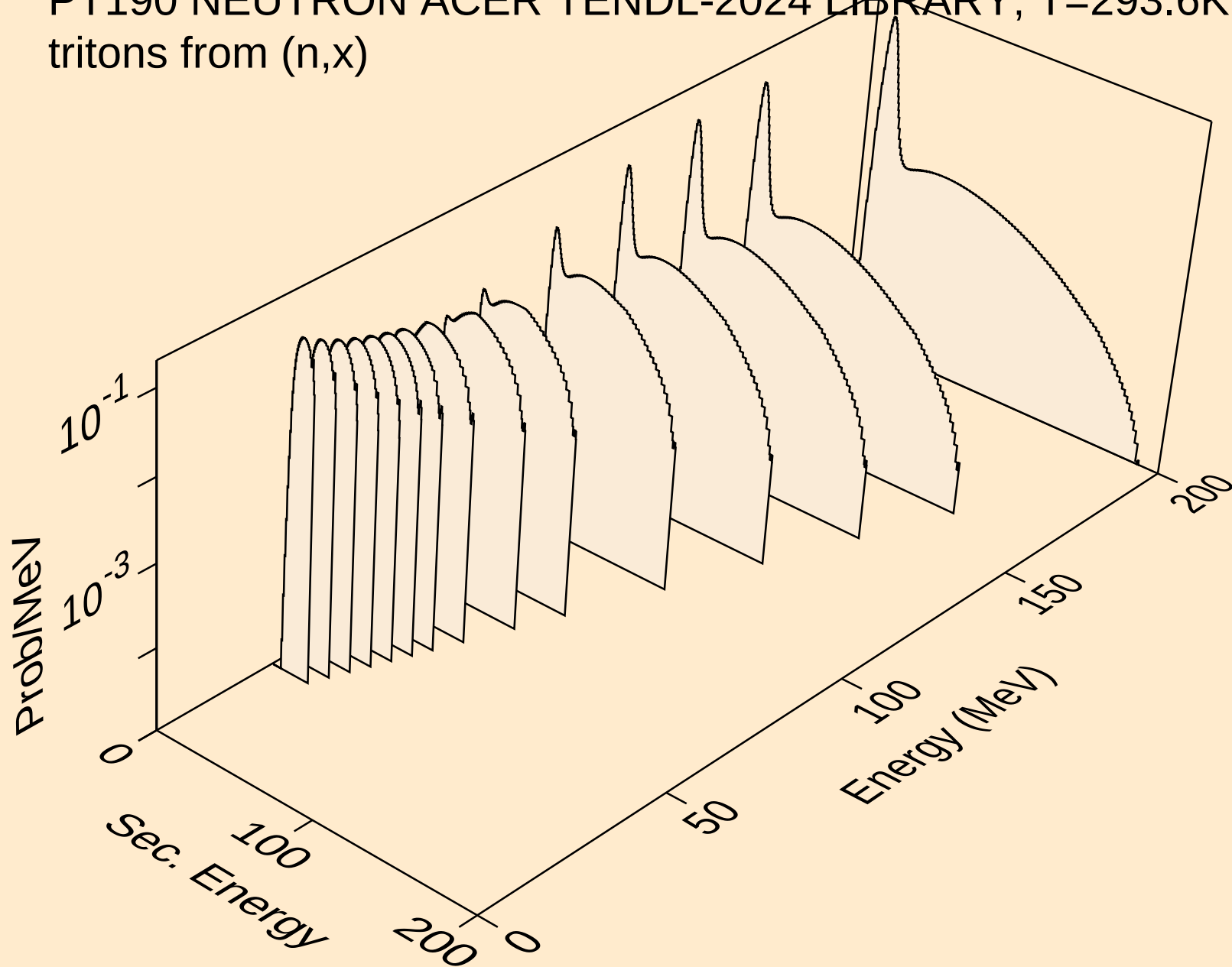
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,pd)



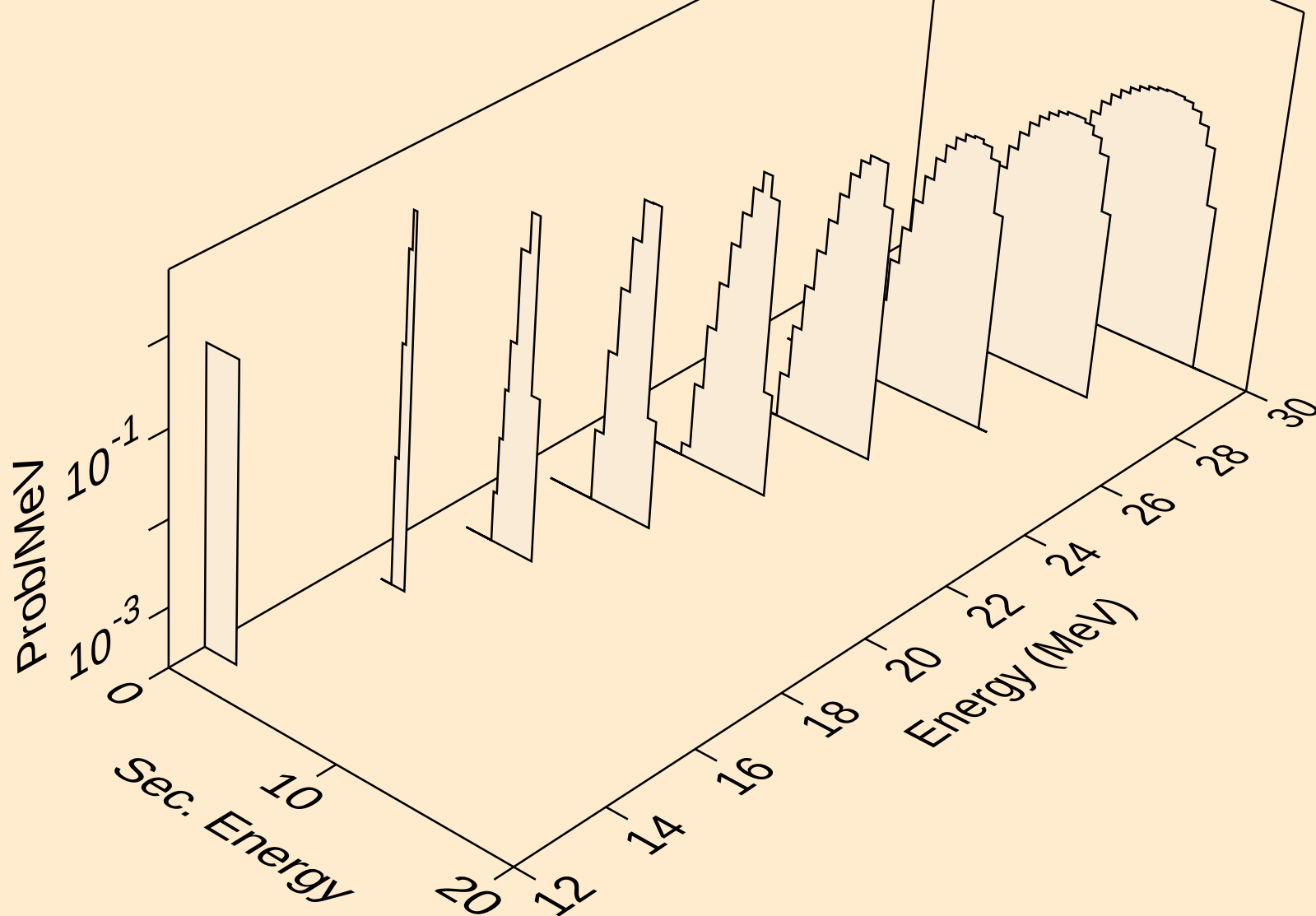
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deuterons from (n,da)



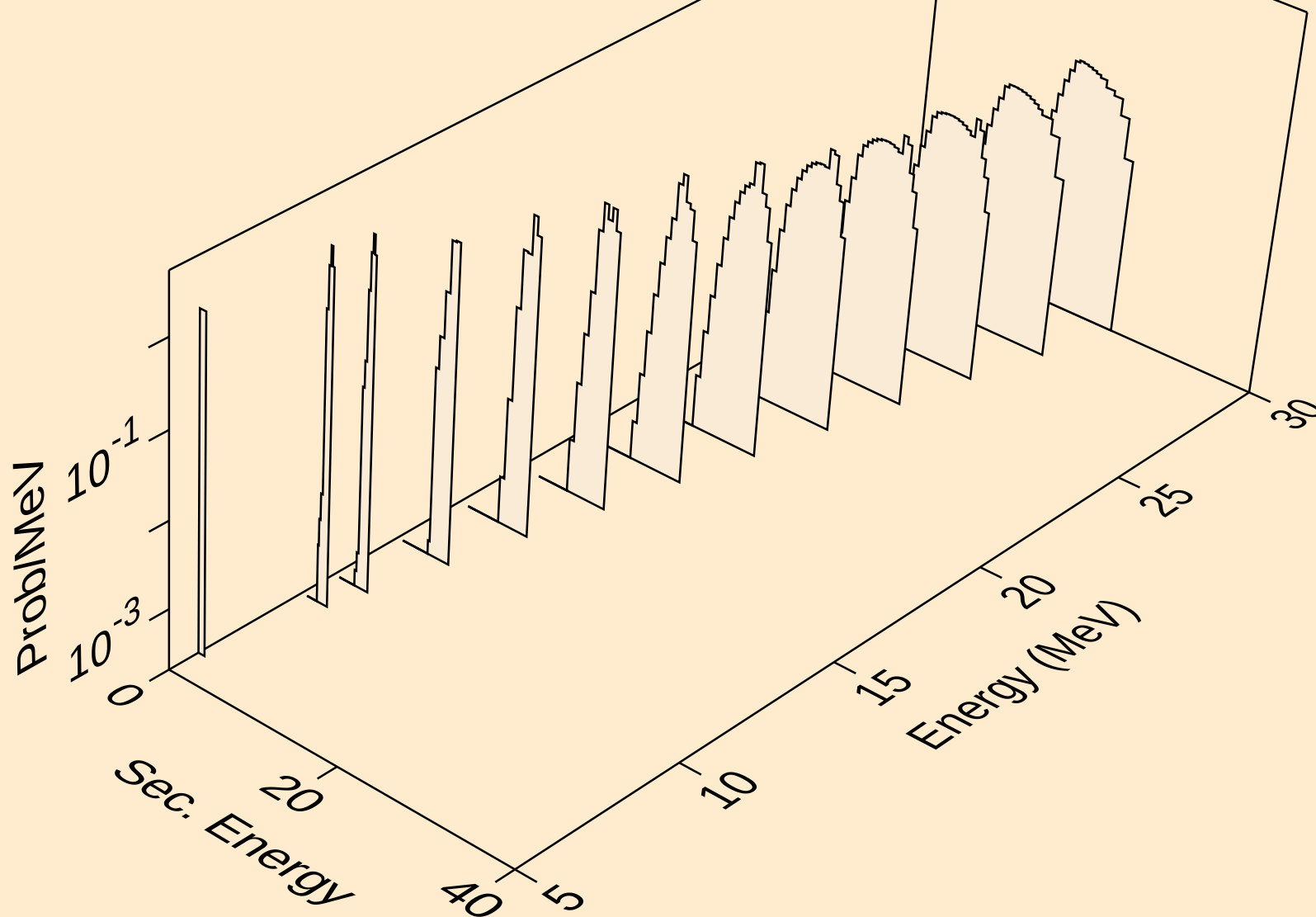
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



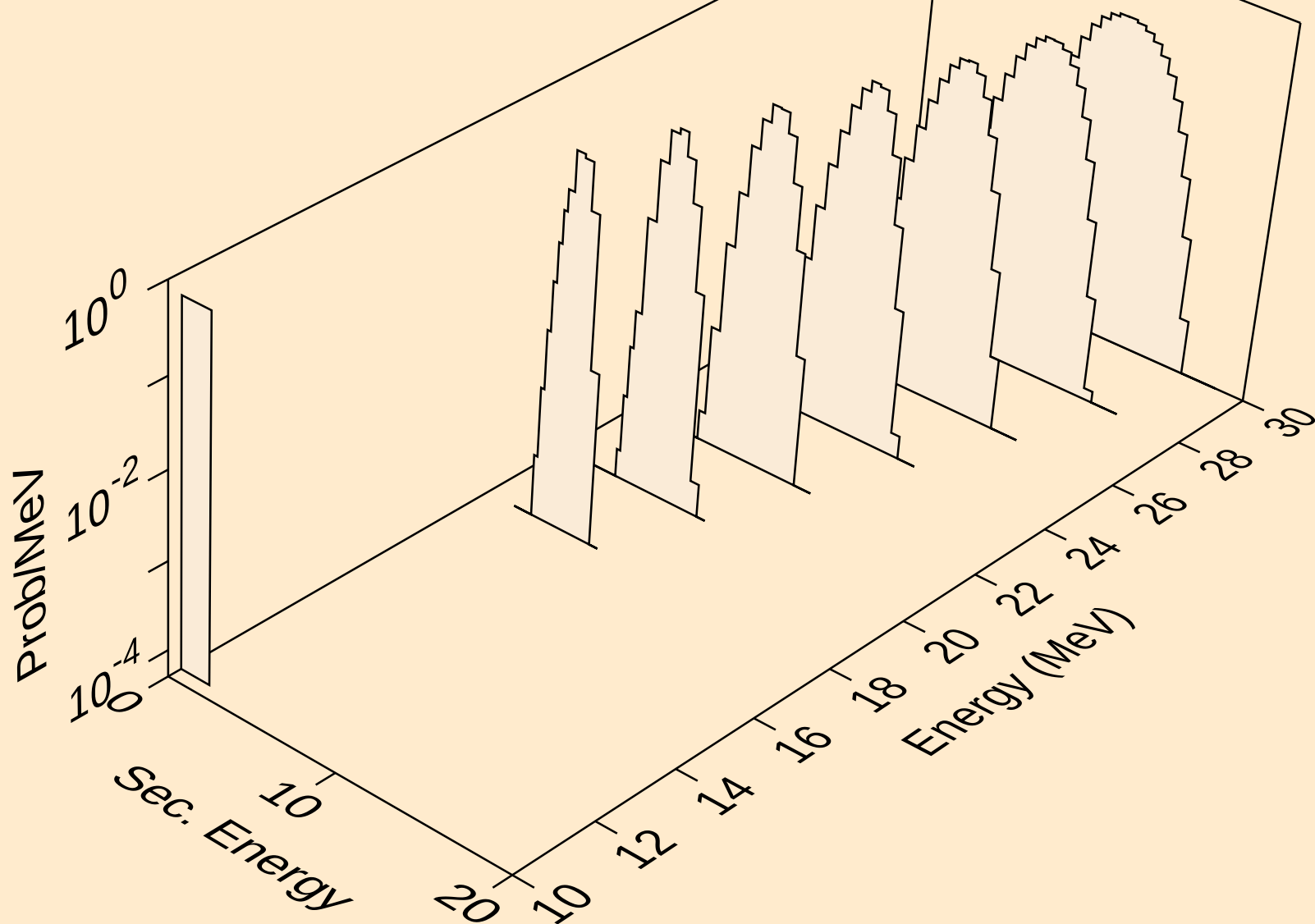
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



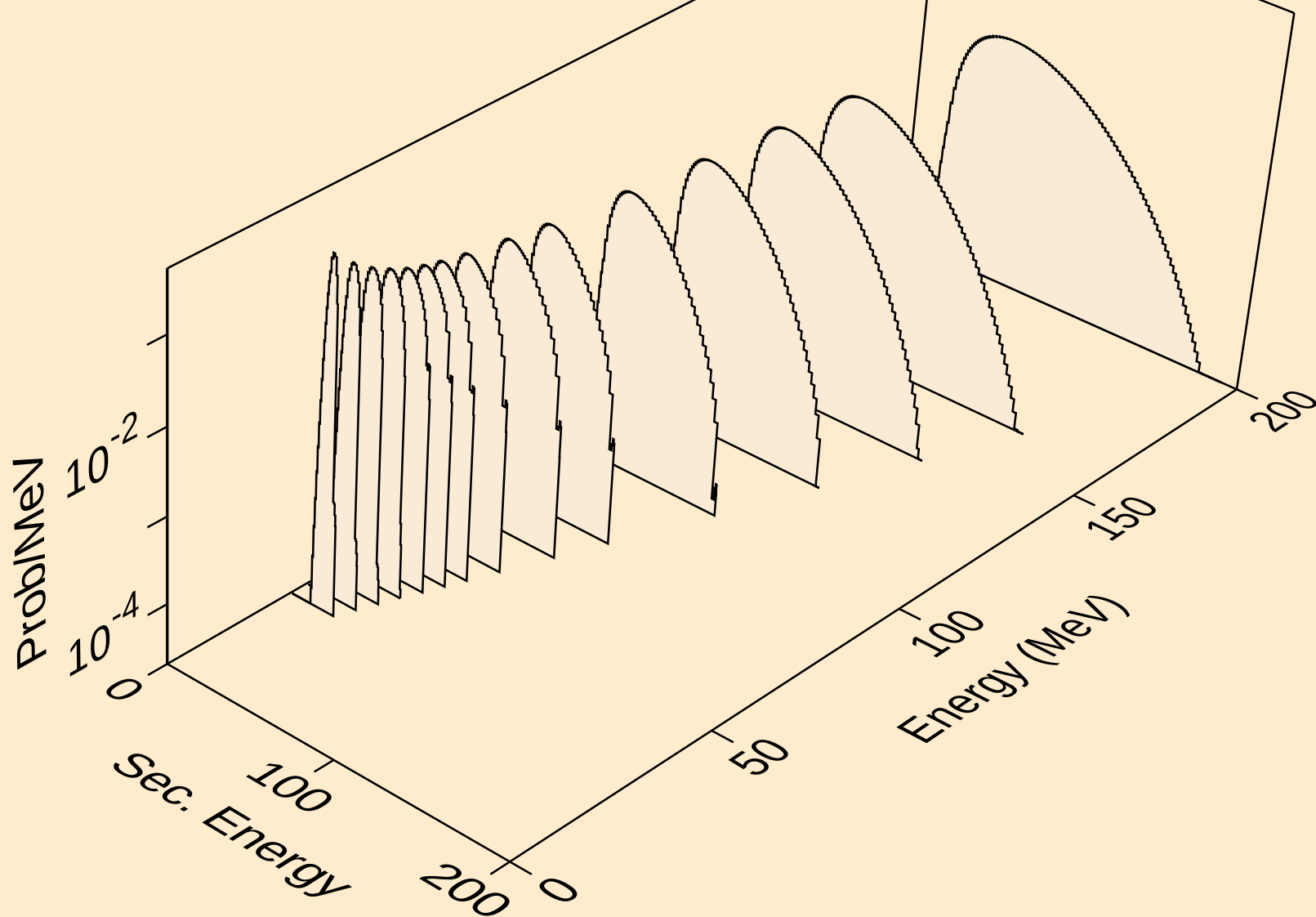
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tritons from (n,t)



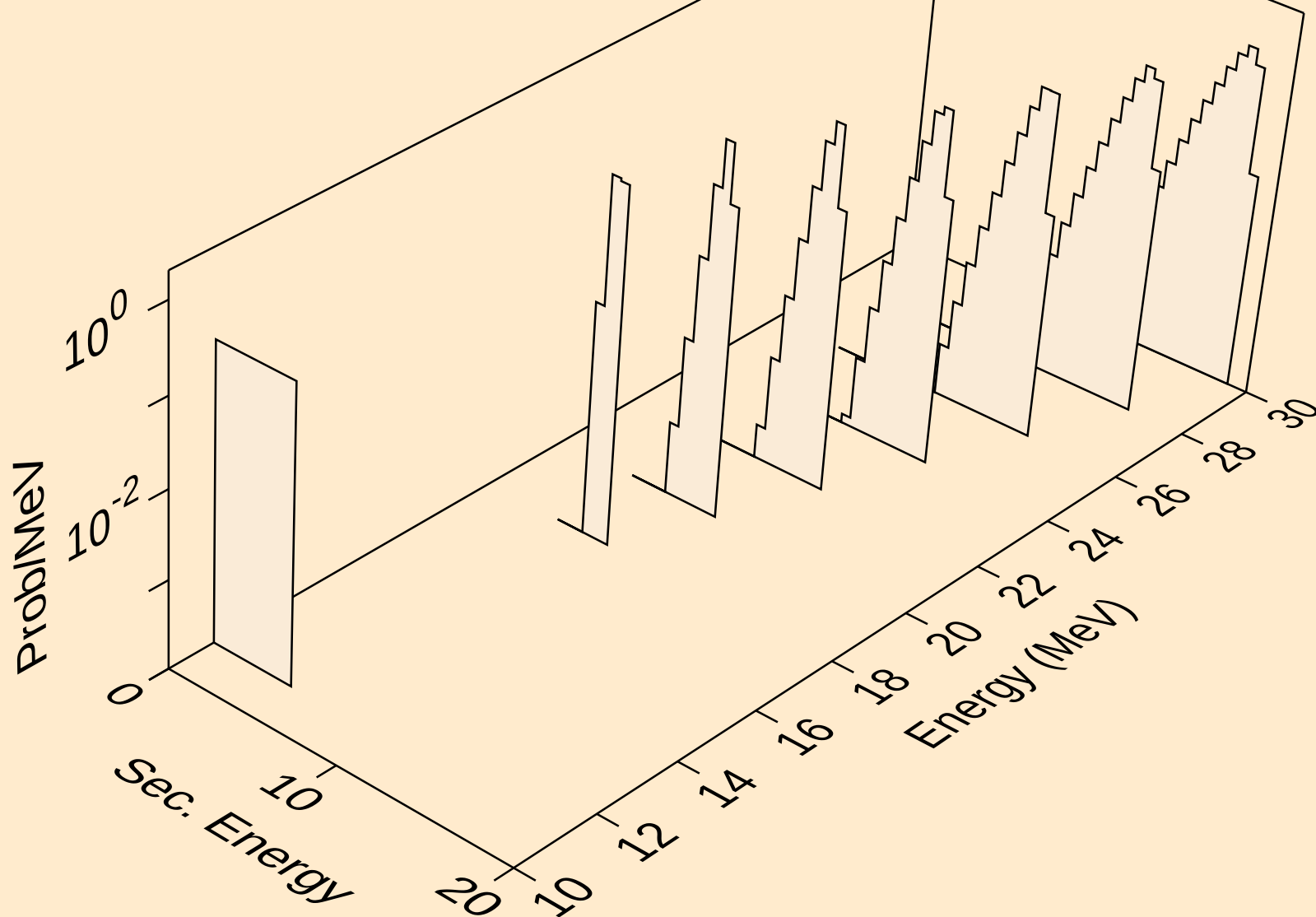
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tritons from (n,pt)



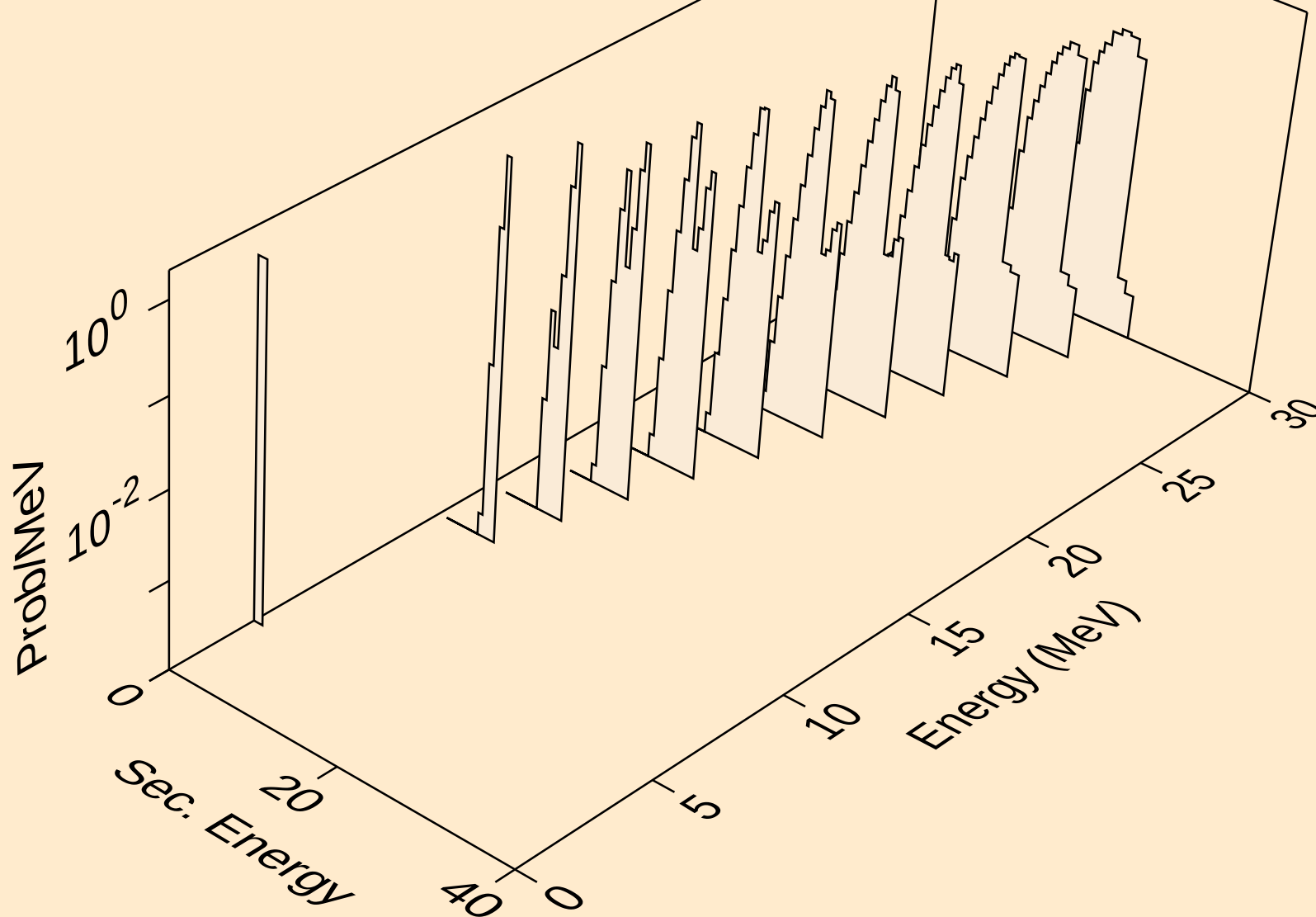
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



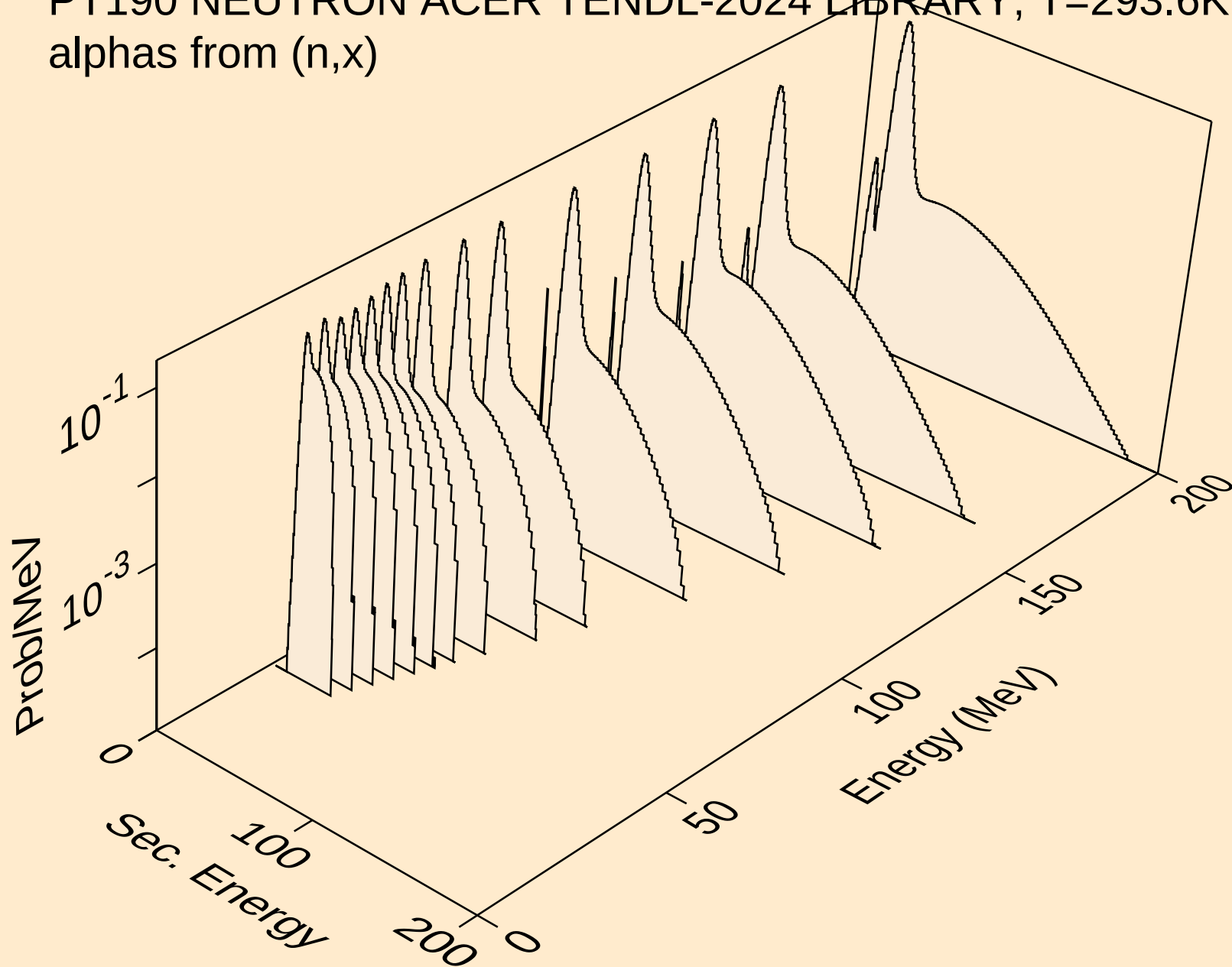
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



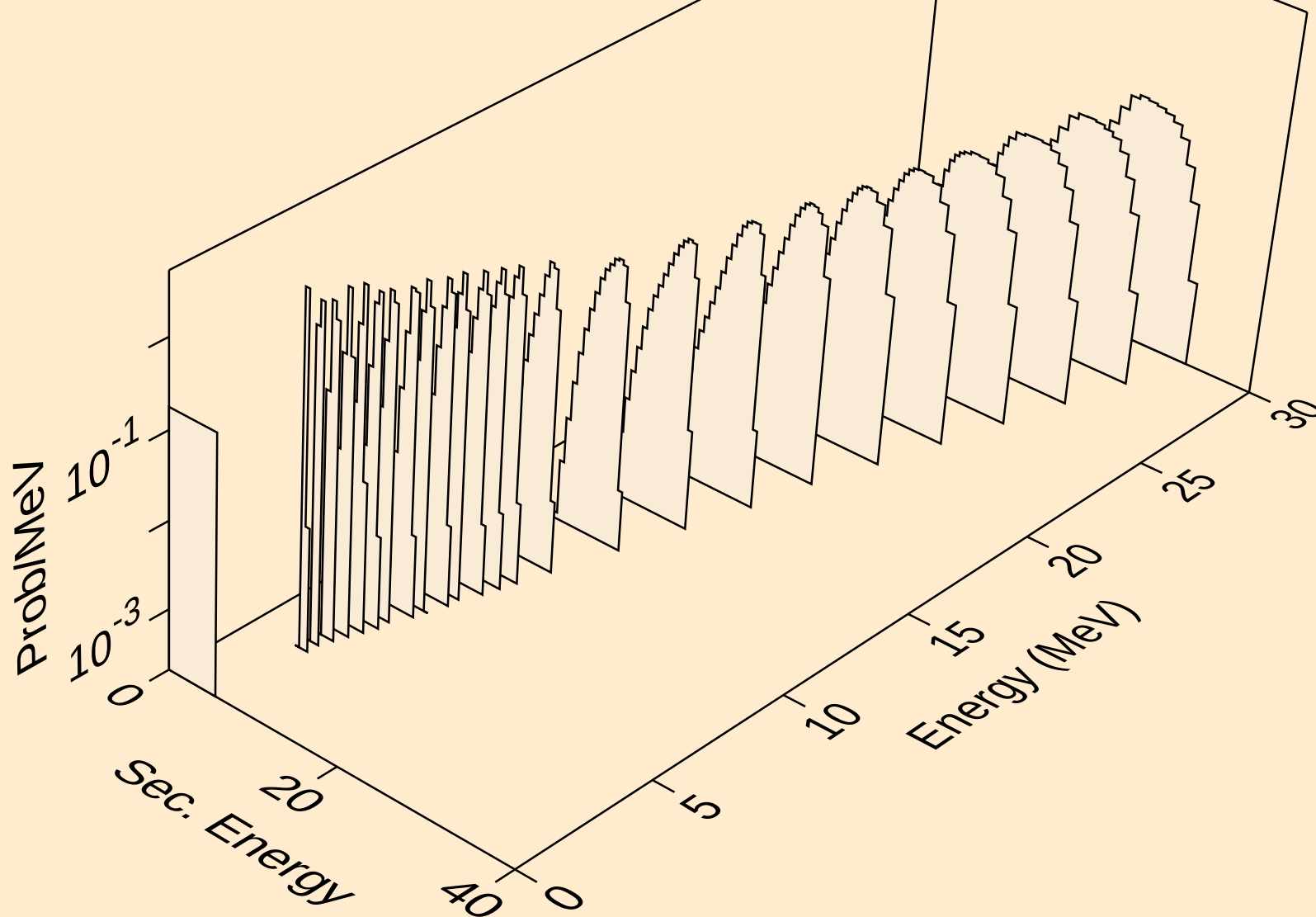
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,he3)



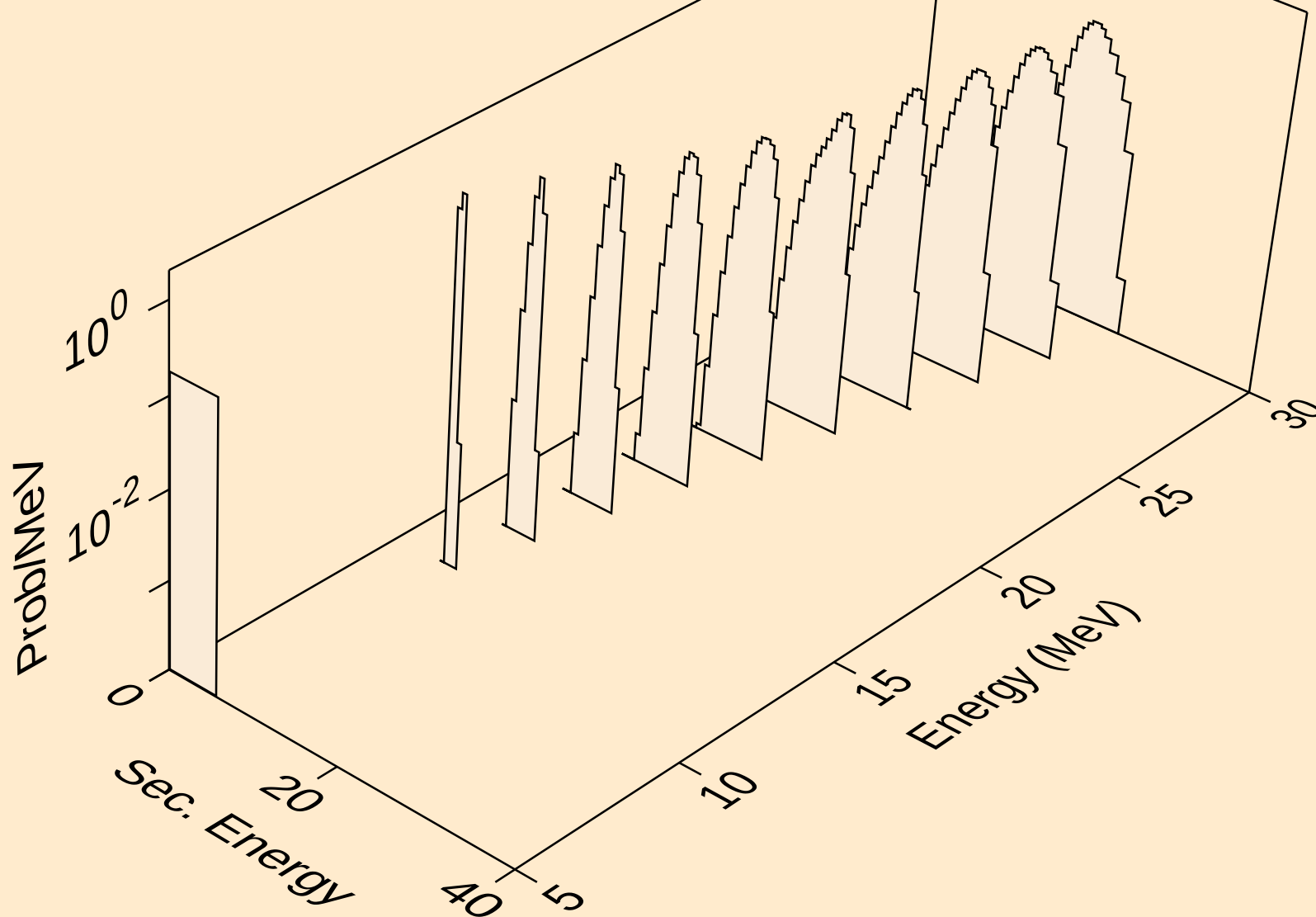
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



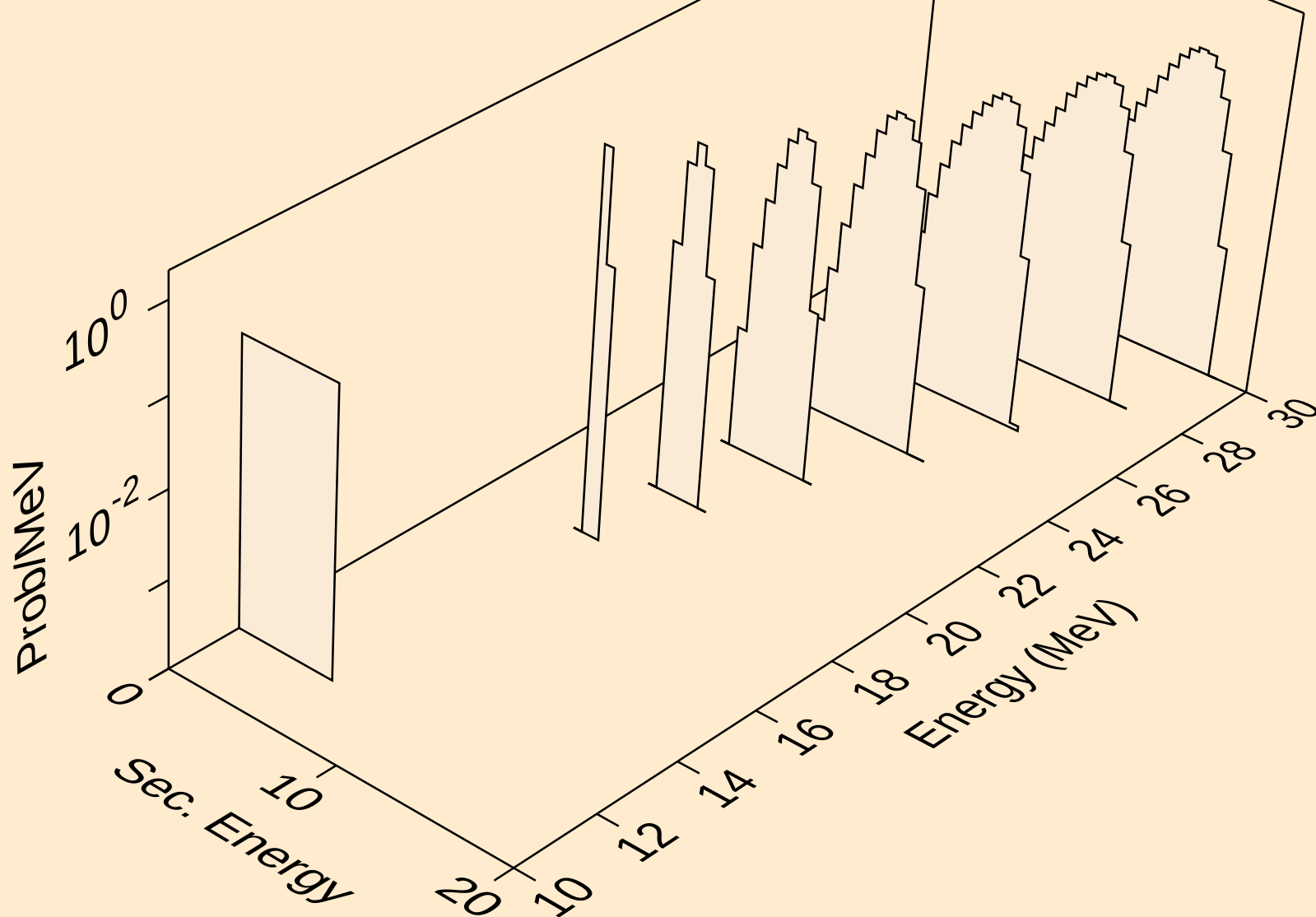
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



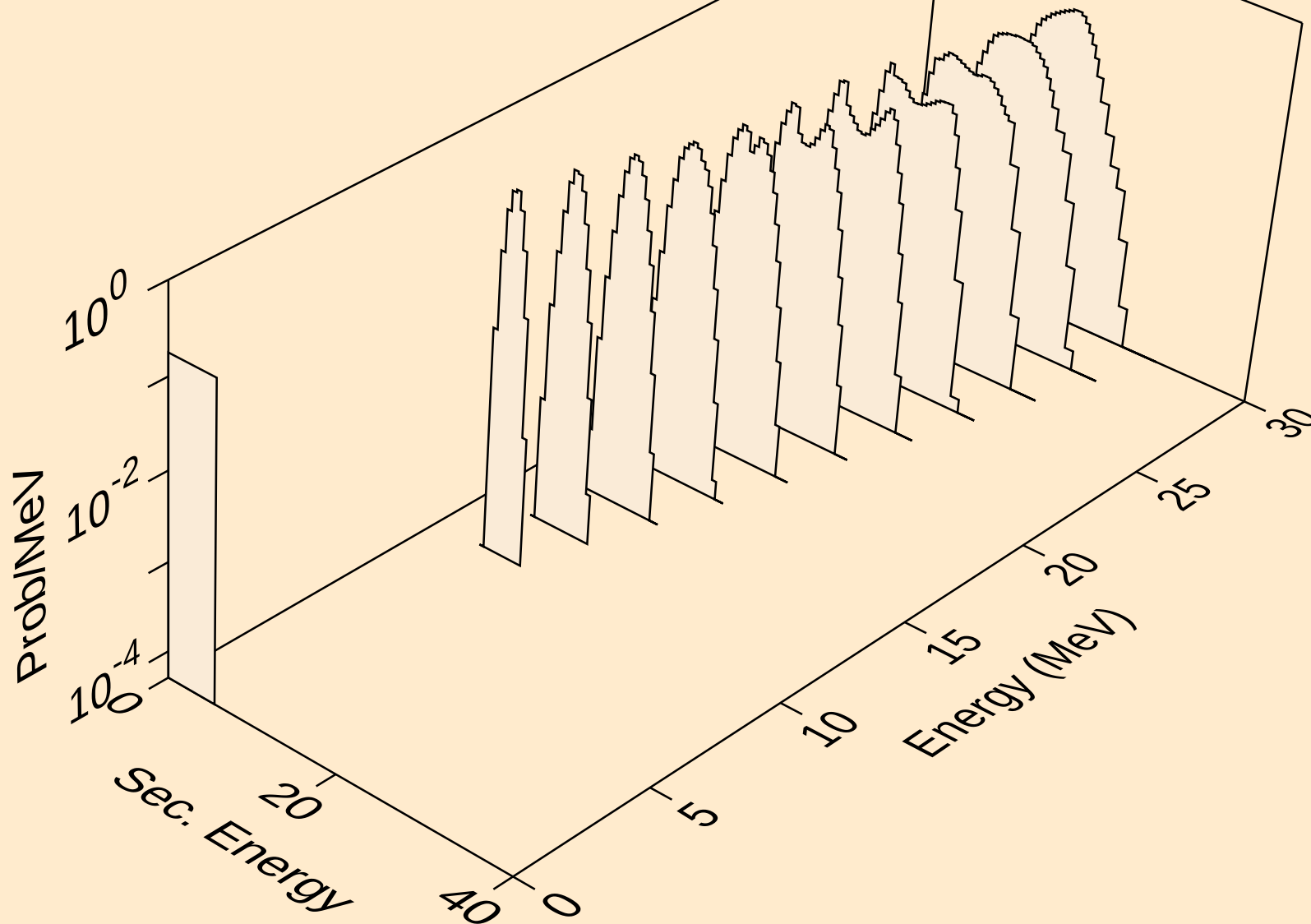
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



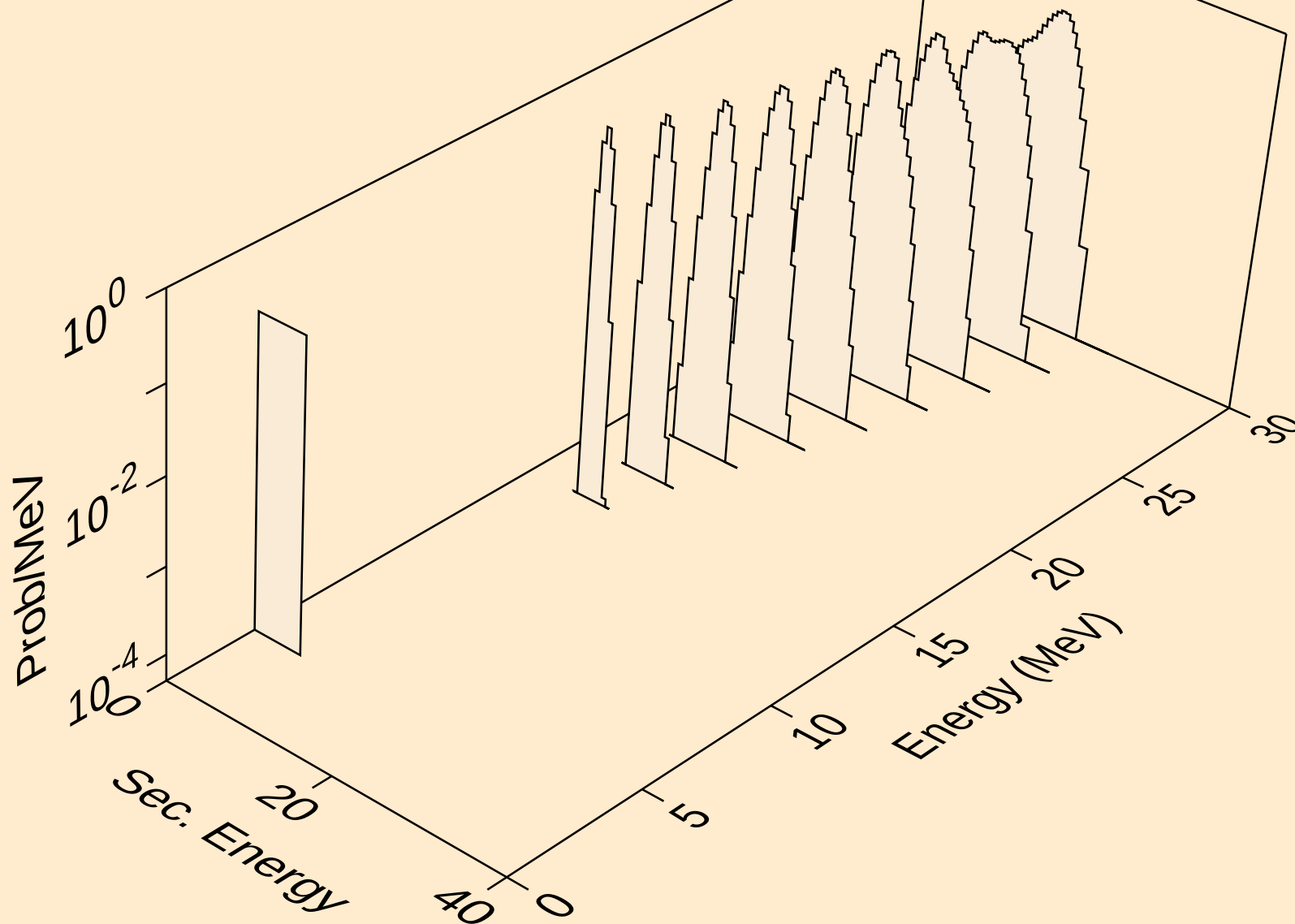
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3n)a



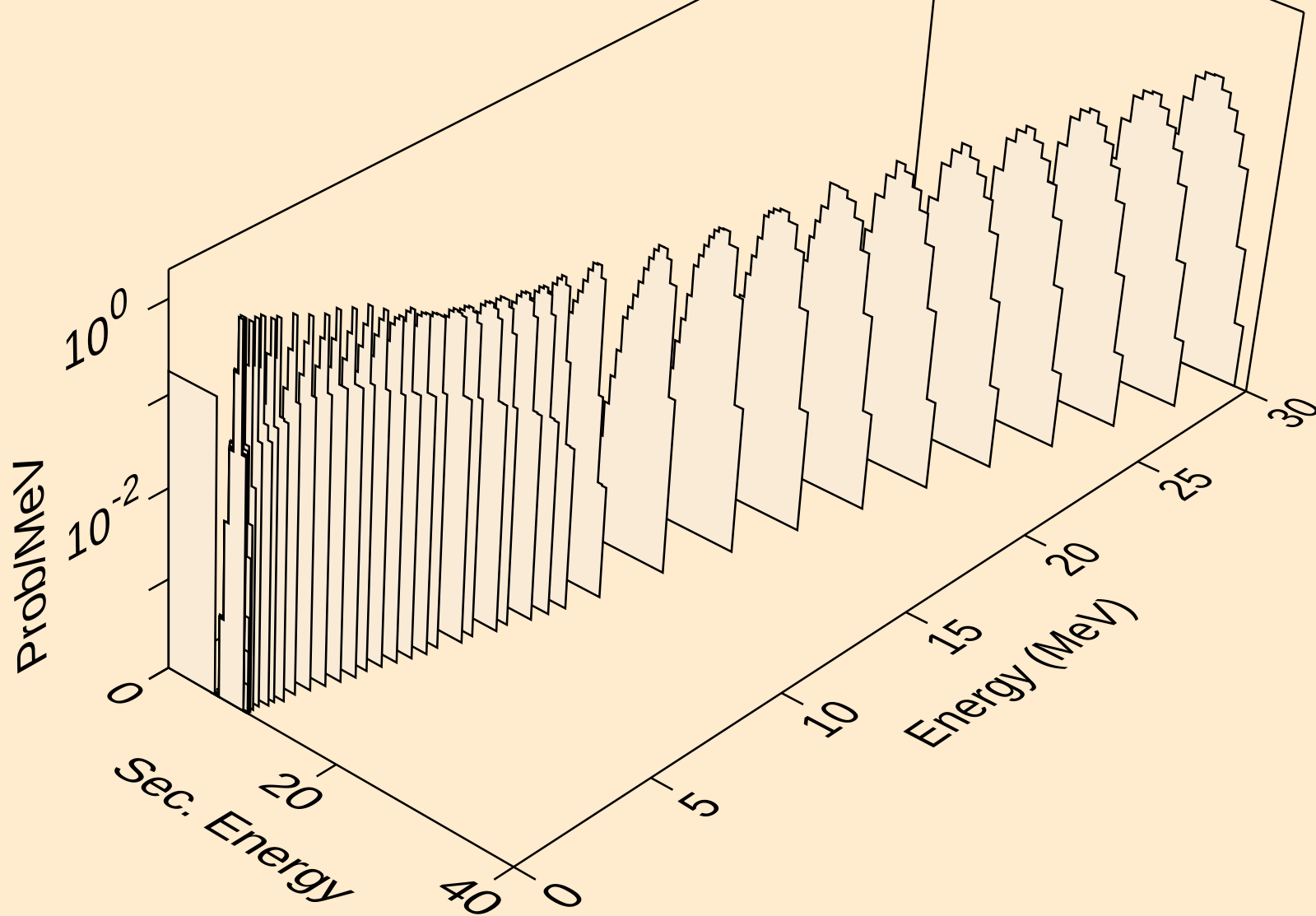
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



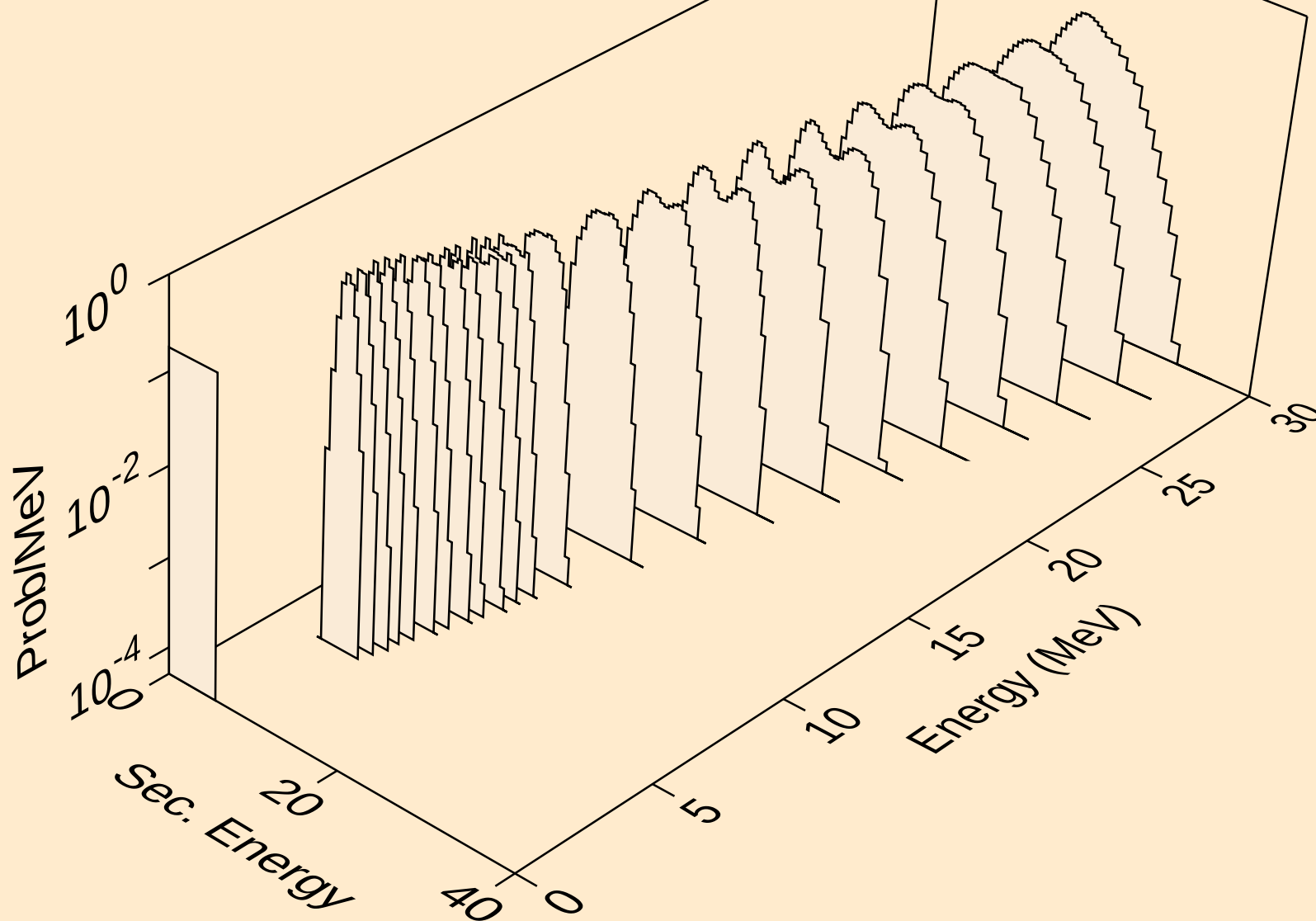
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,npa)



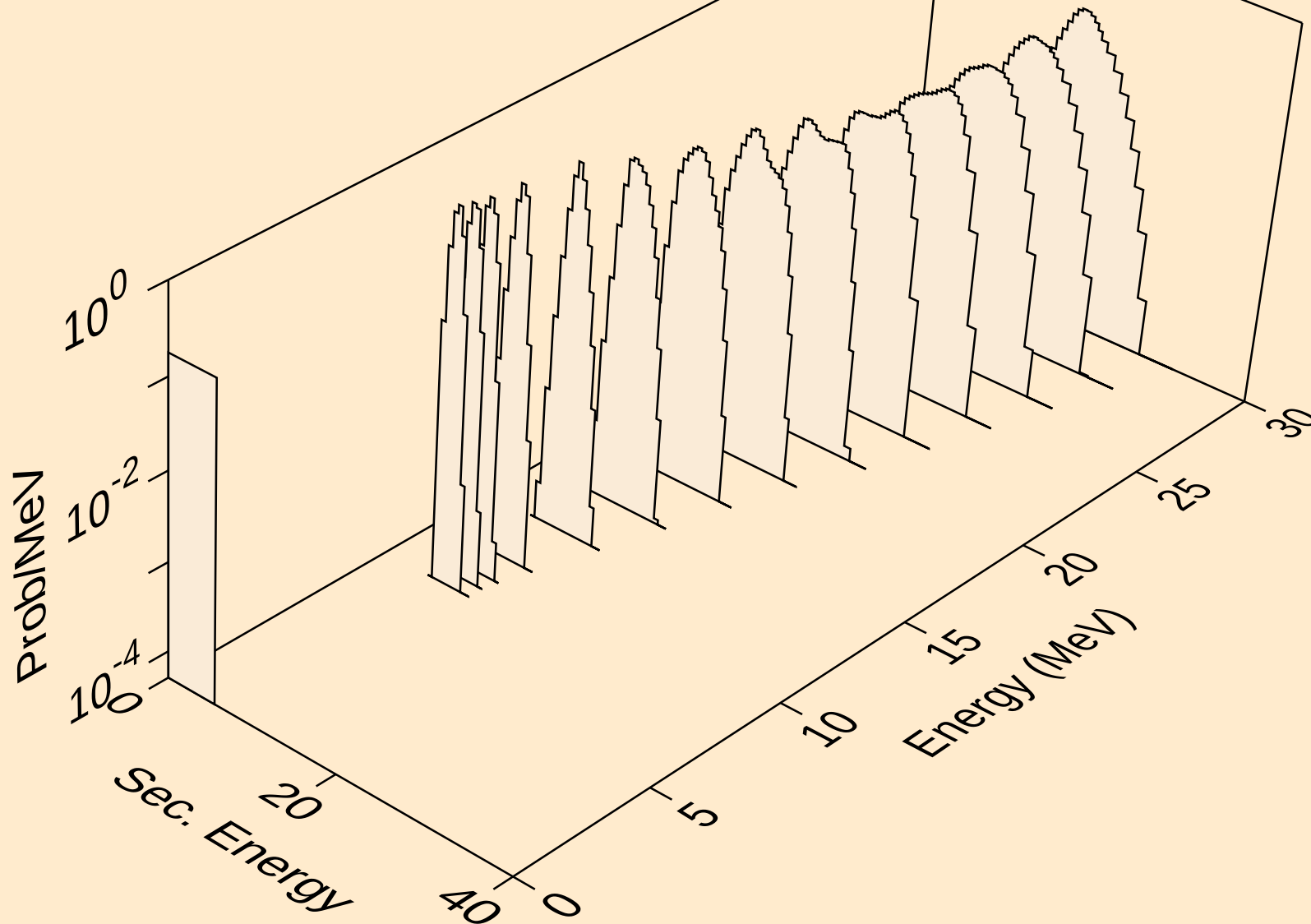
PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)



PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2a)



PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,pa)



PT190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,da)

