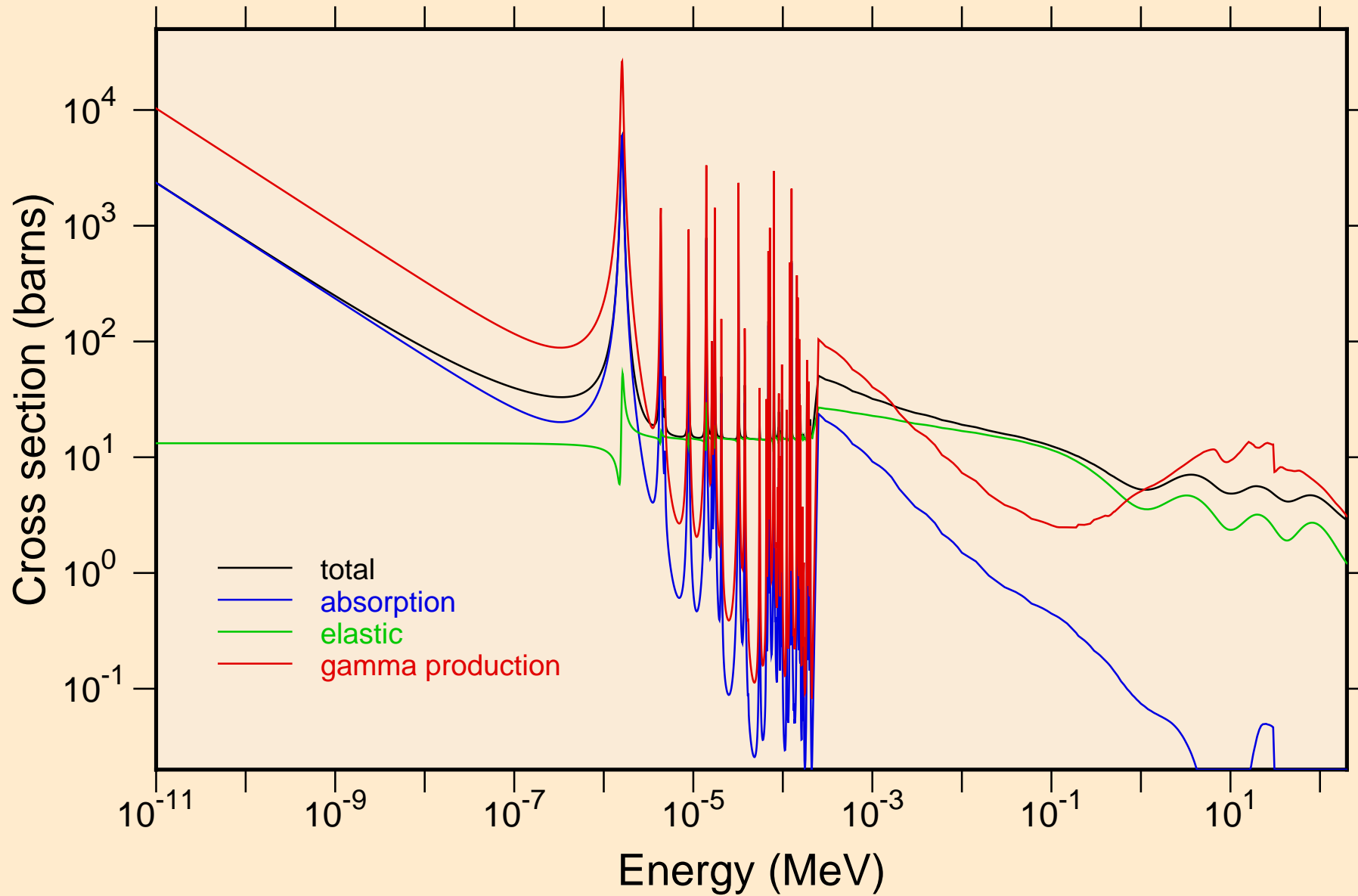
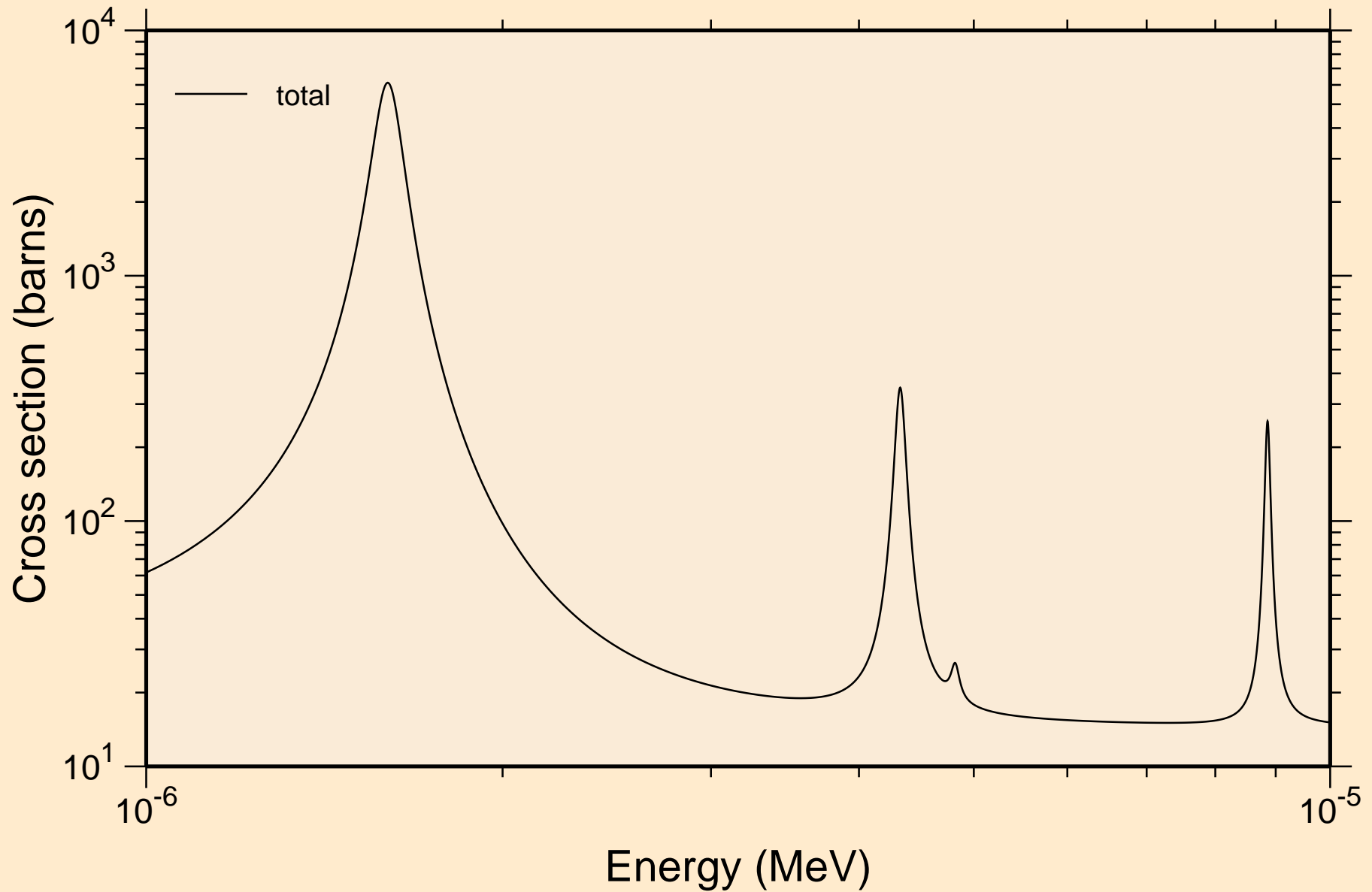


# PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

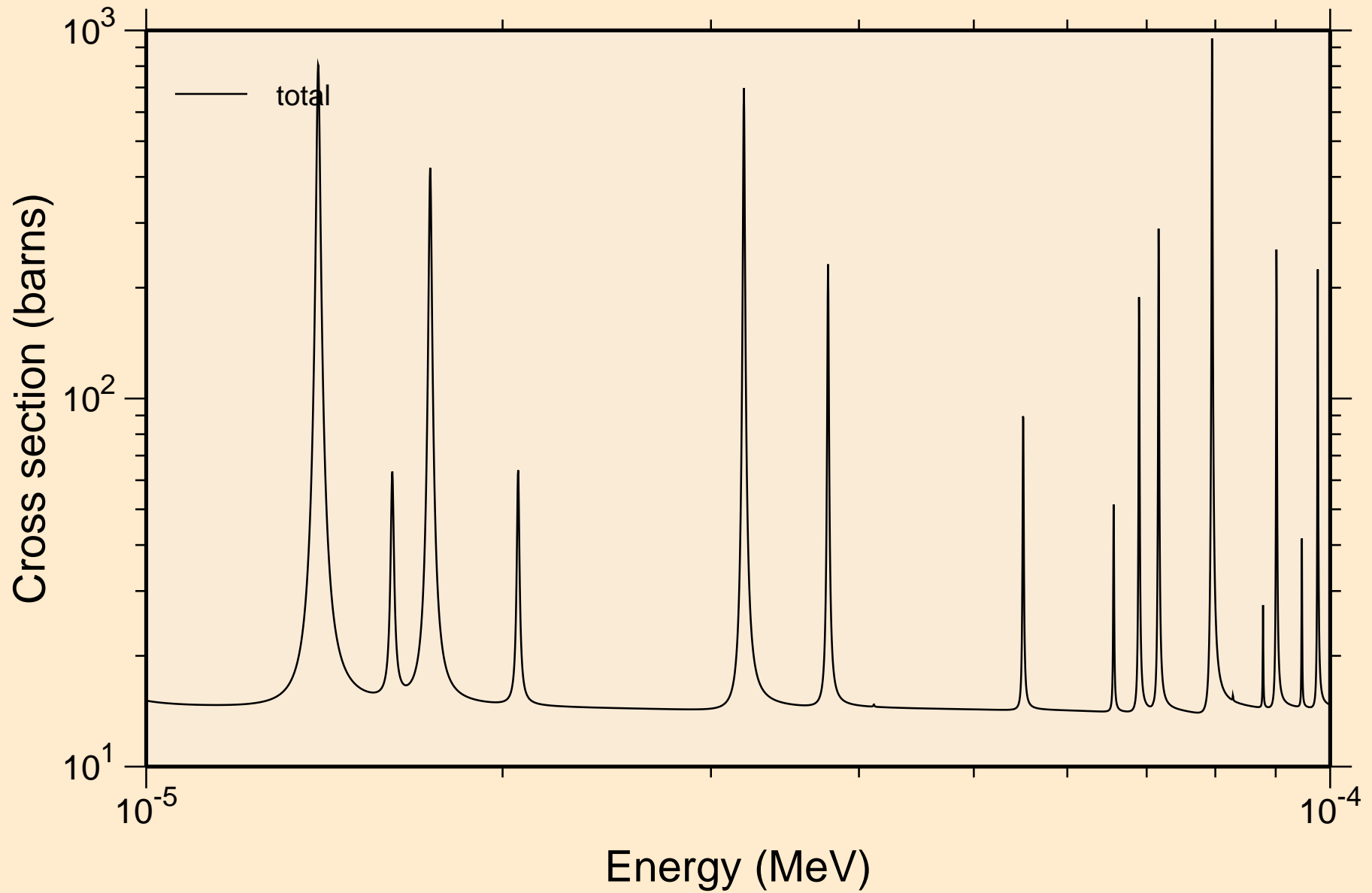
## Principal cross sections



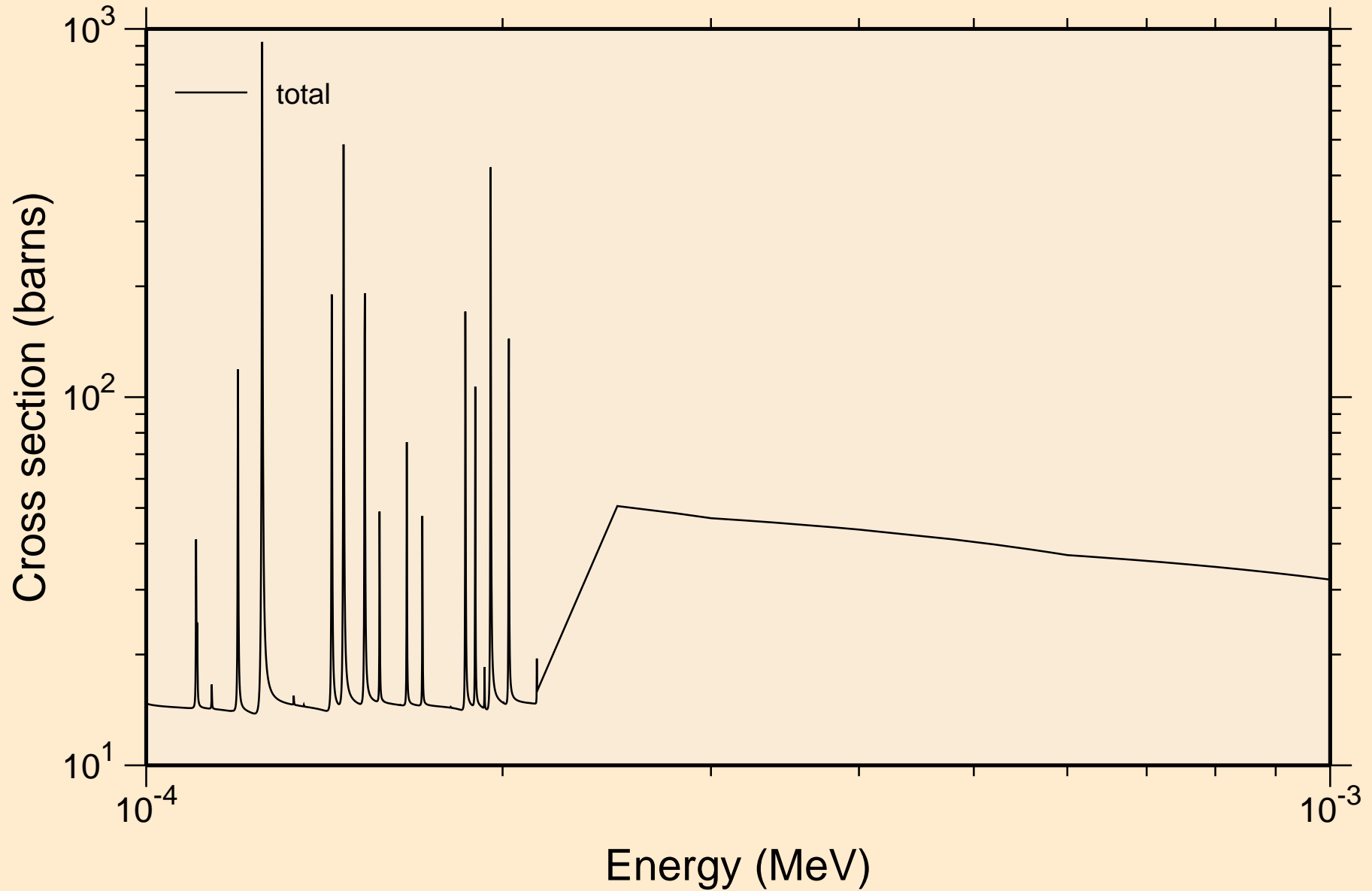
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



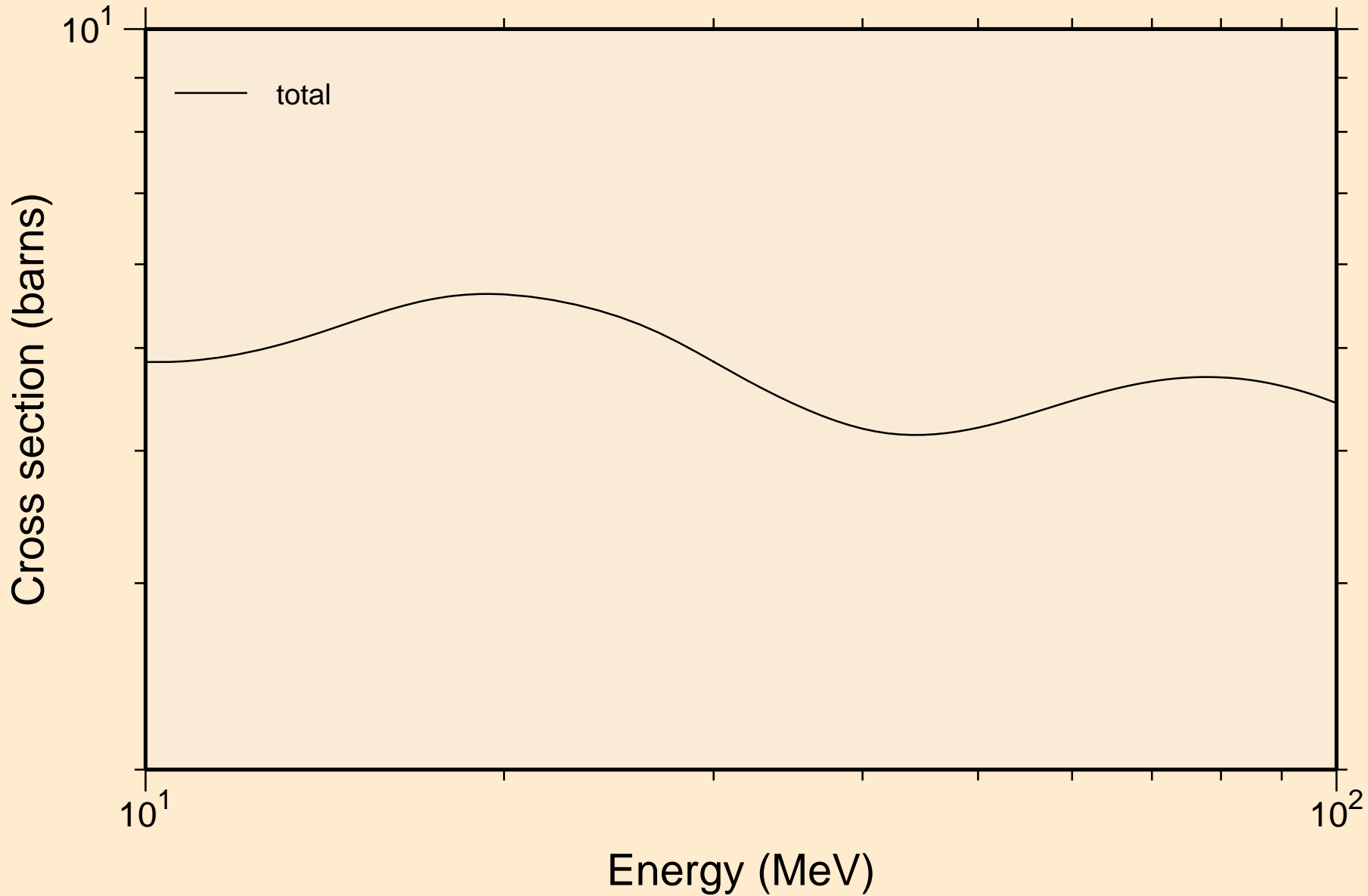
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resonance total cross section



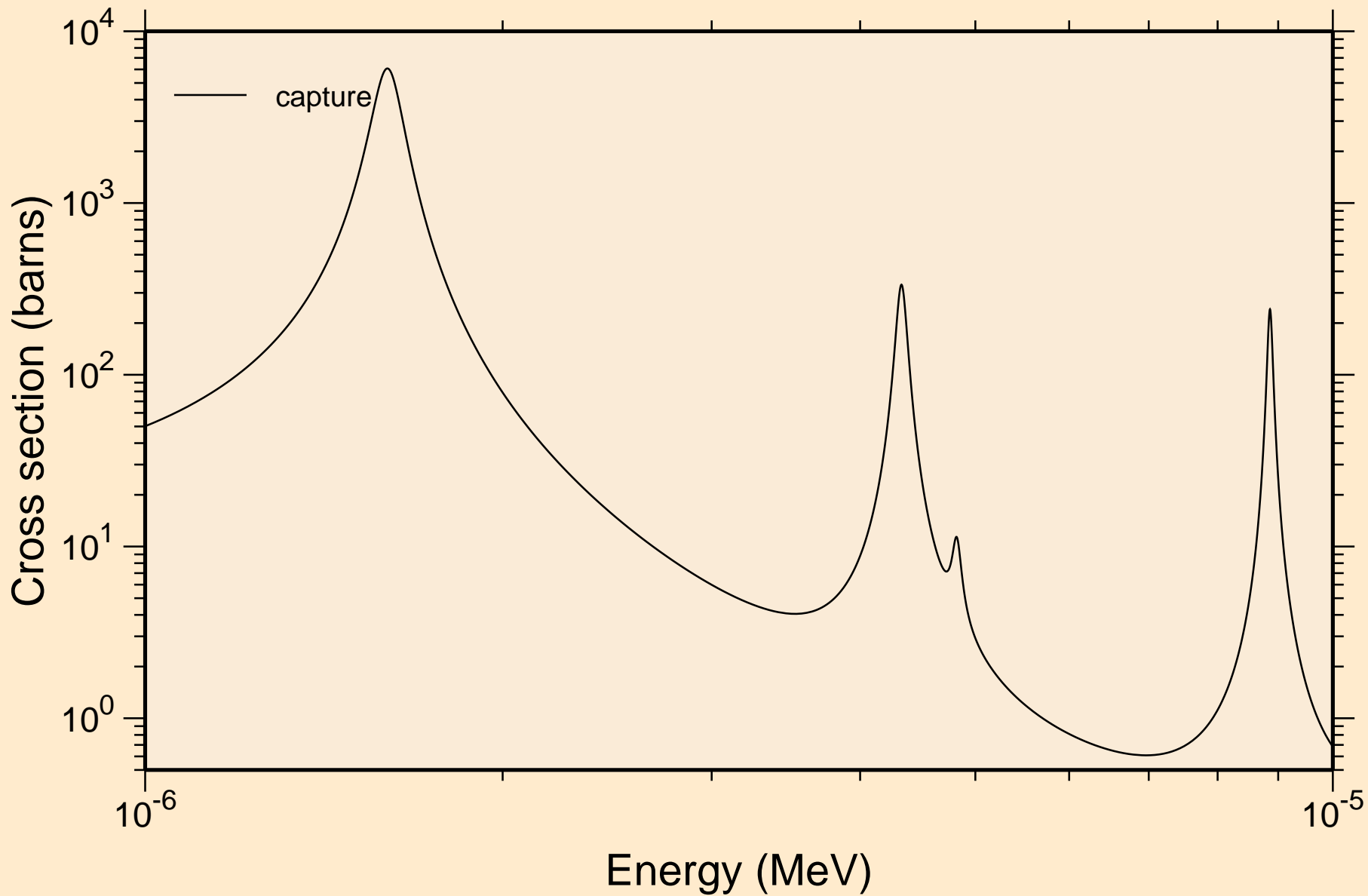
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resonance total cross section



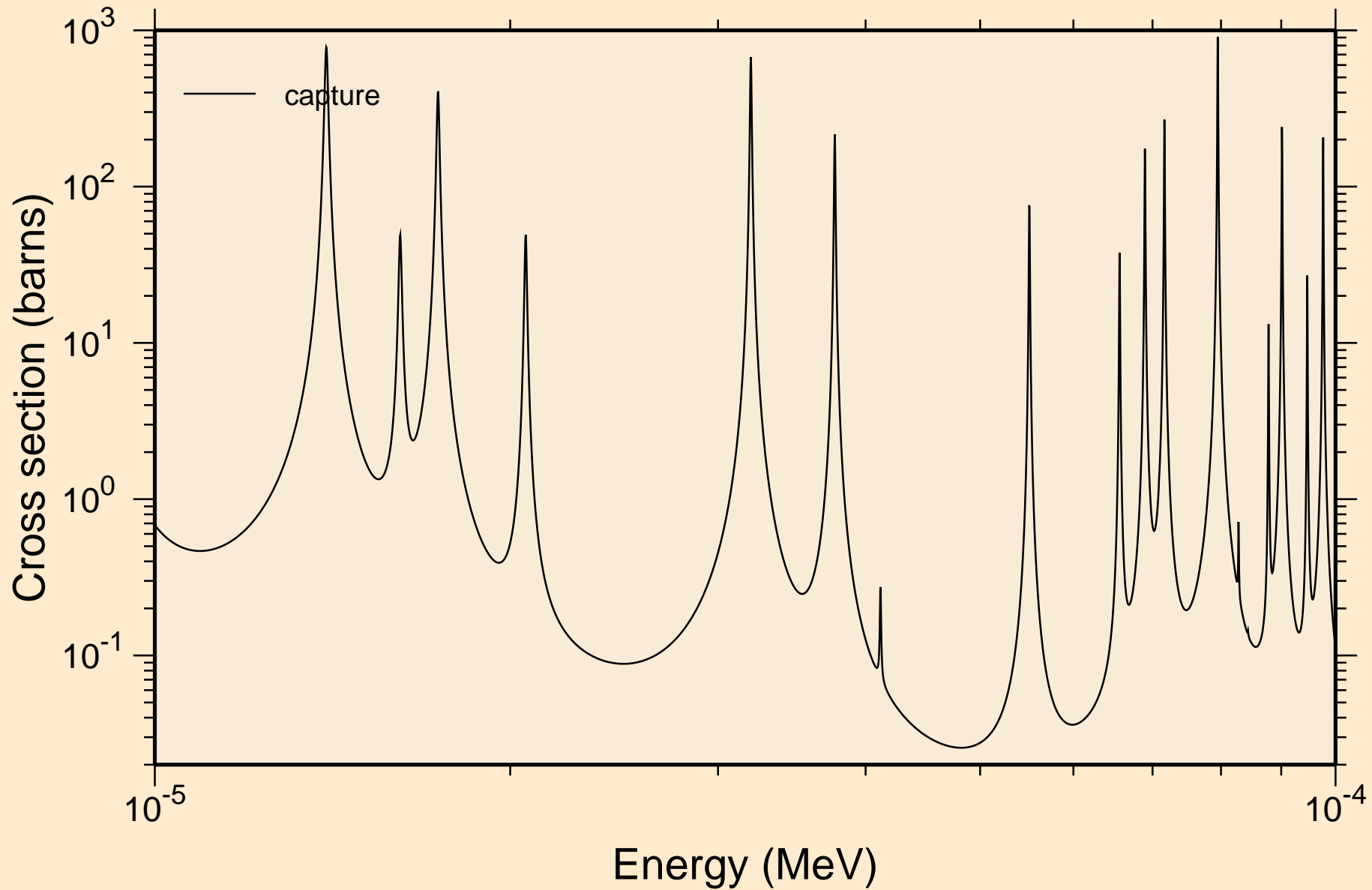
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



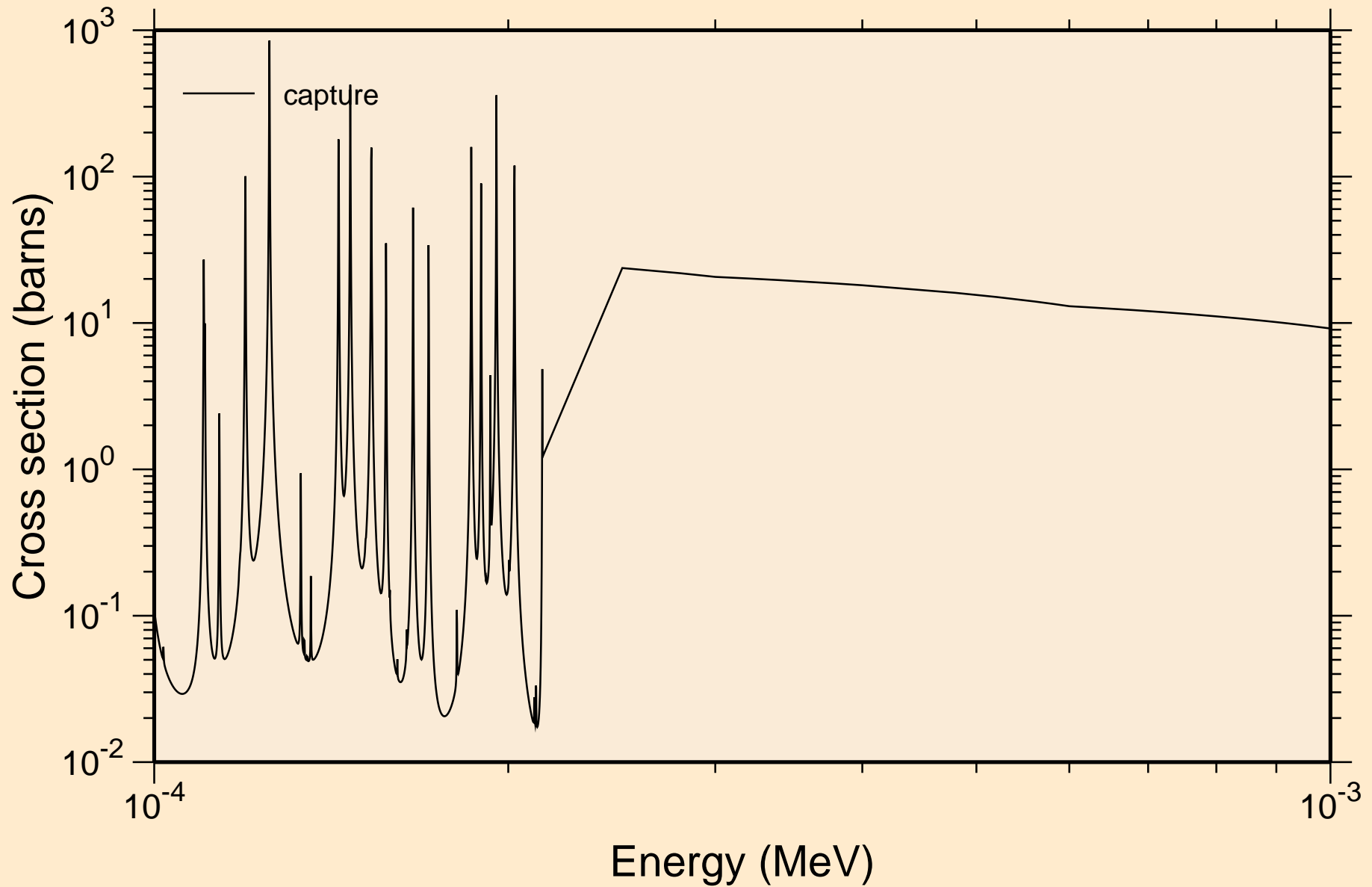
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

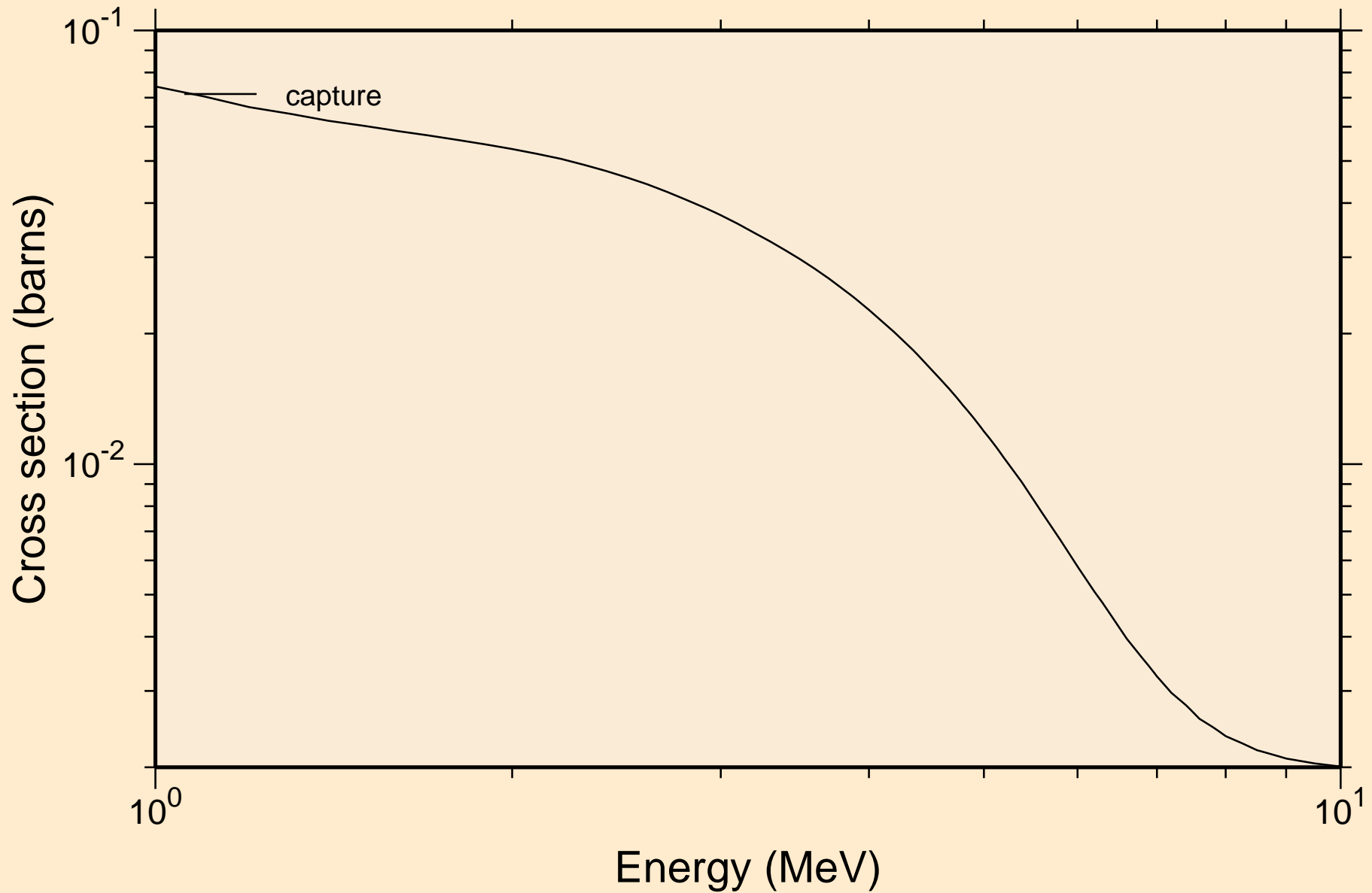


PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

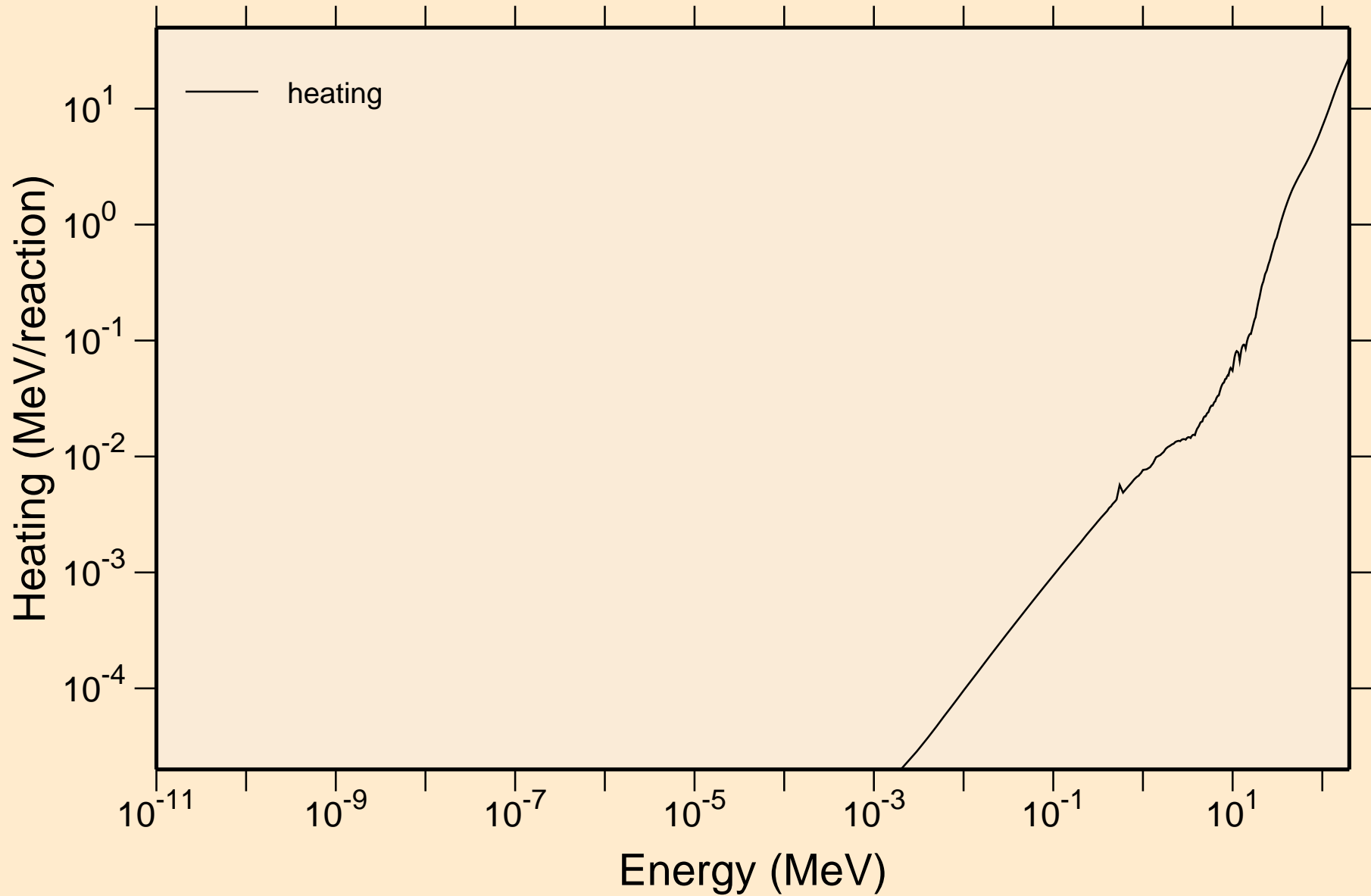




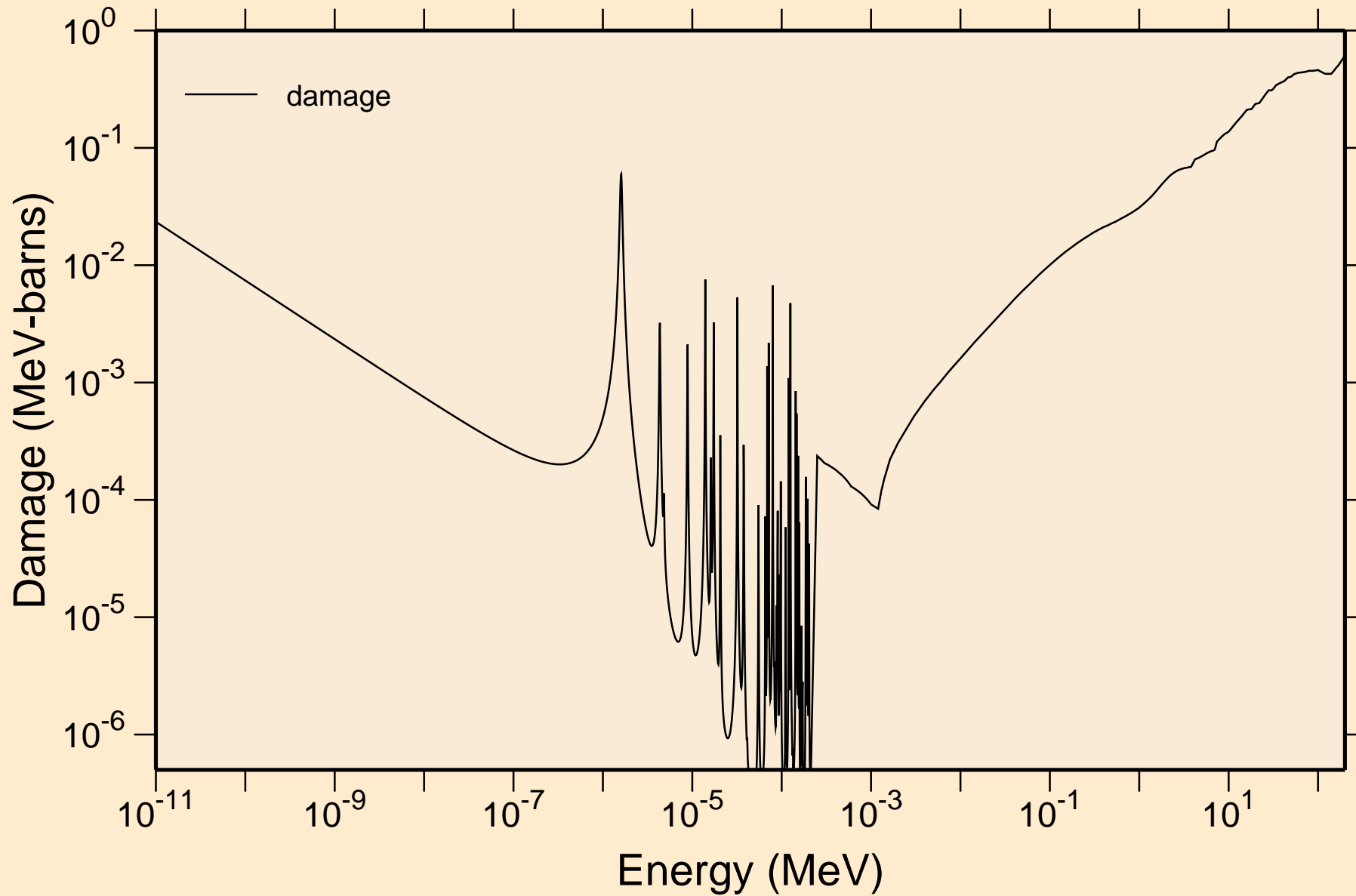
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



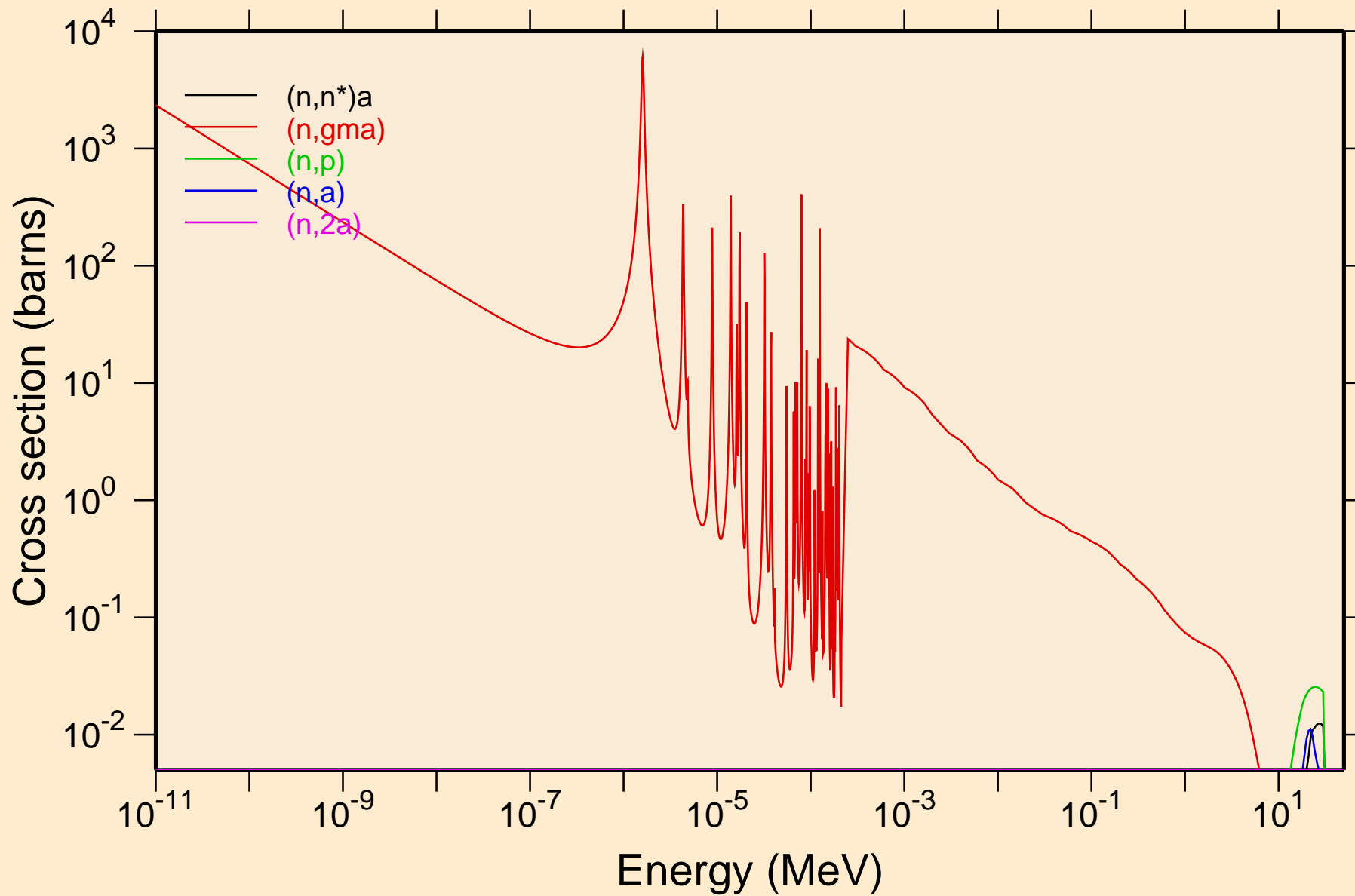
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



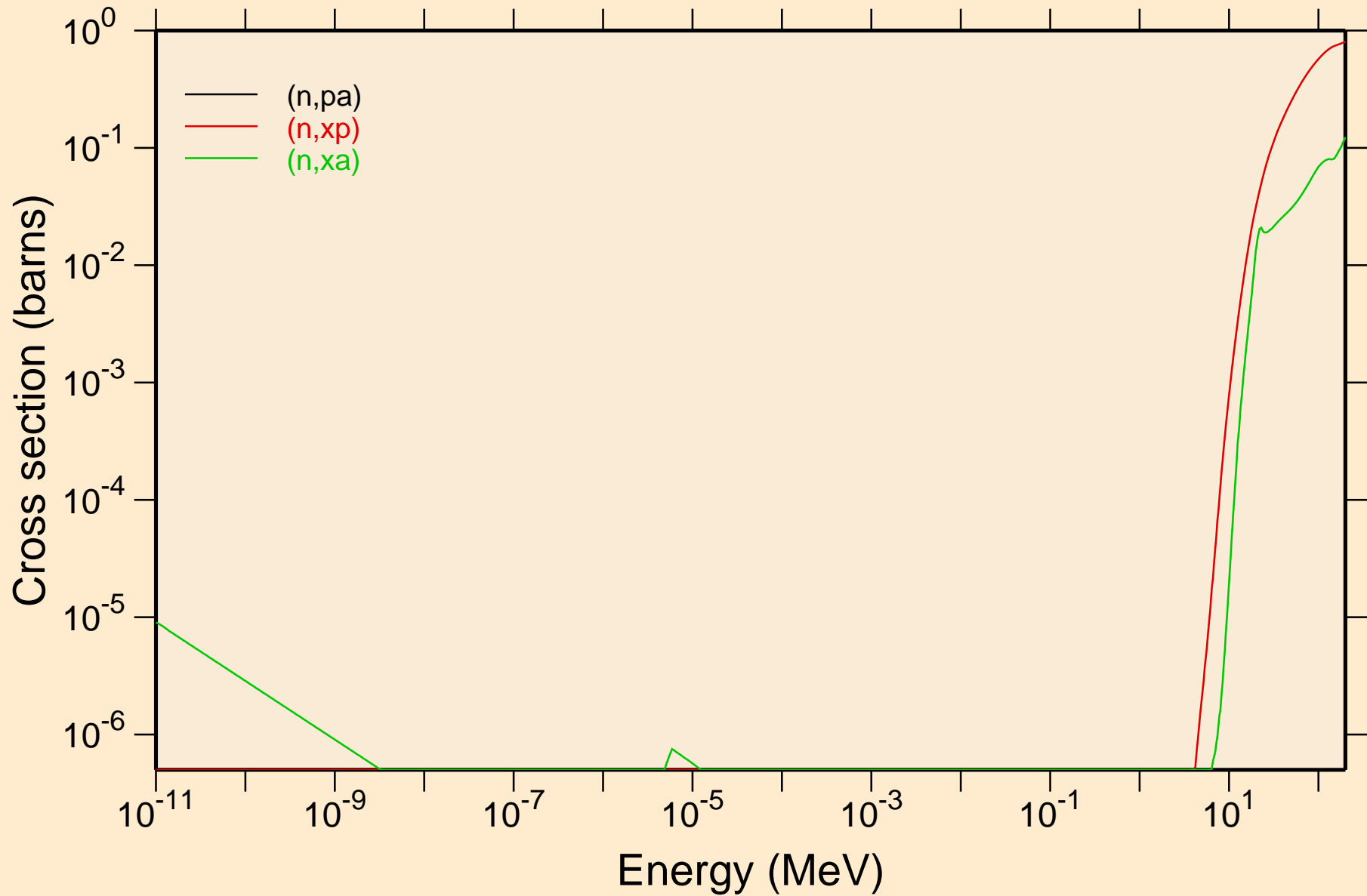
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



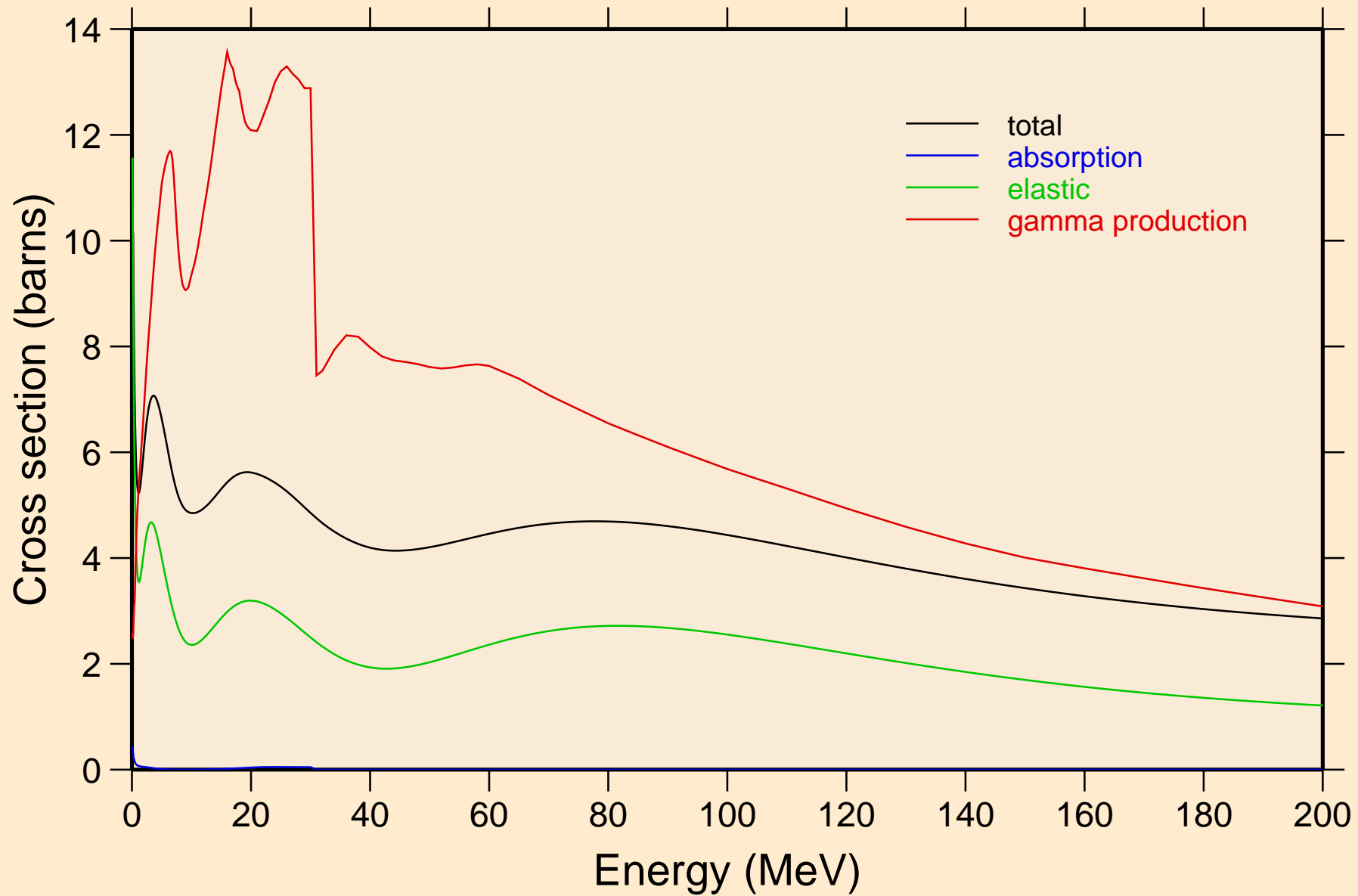
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

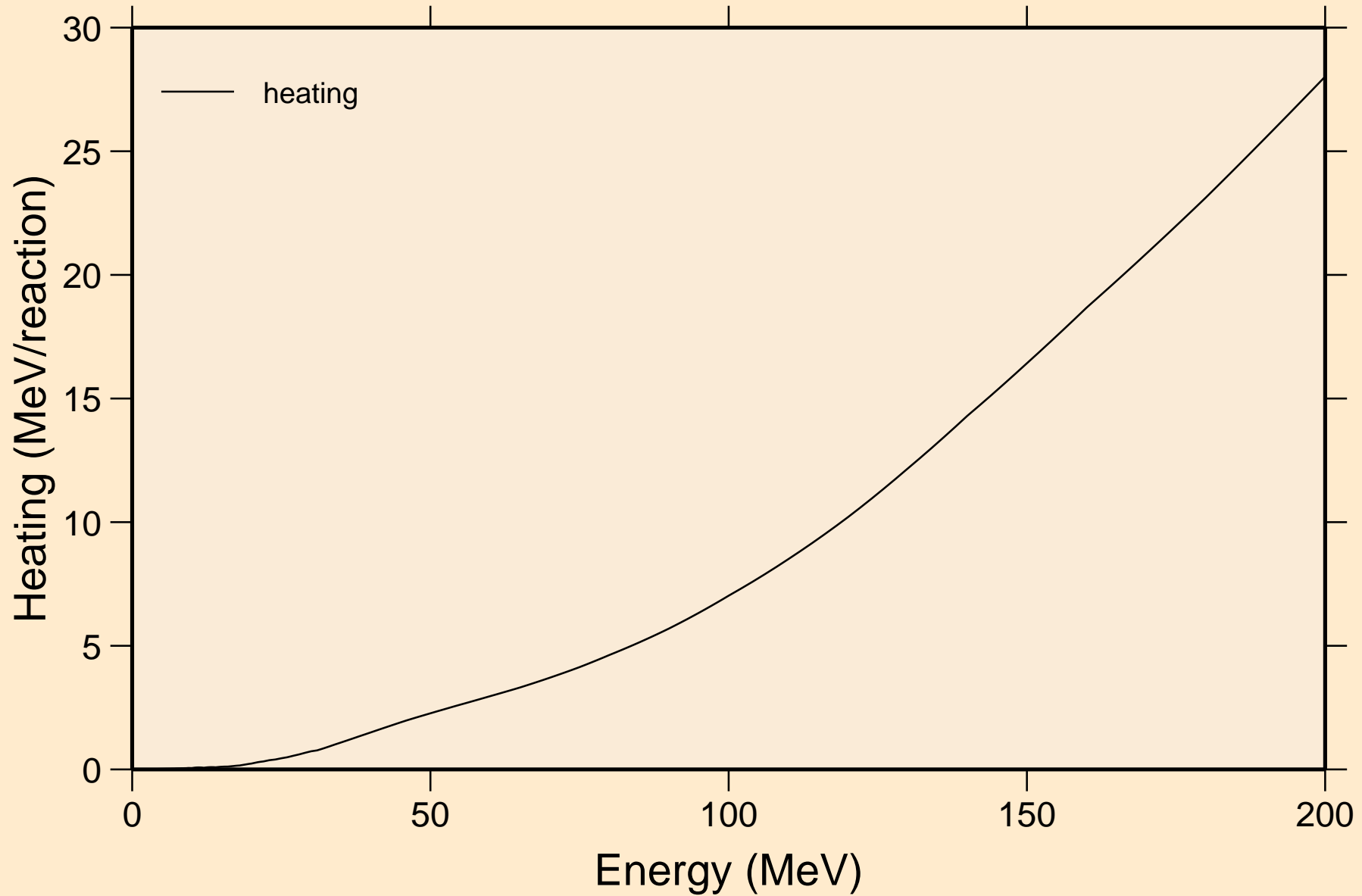


PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

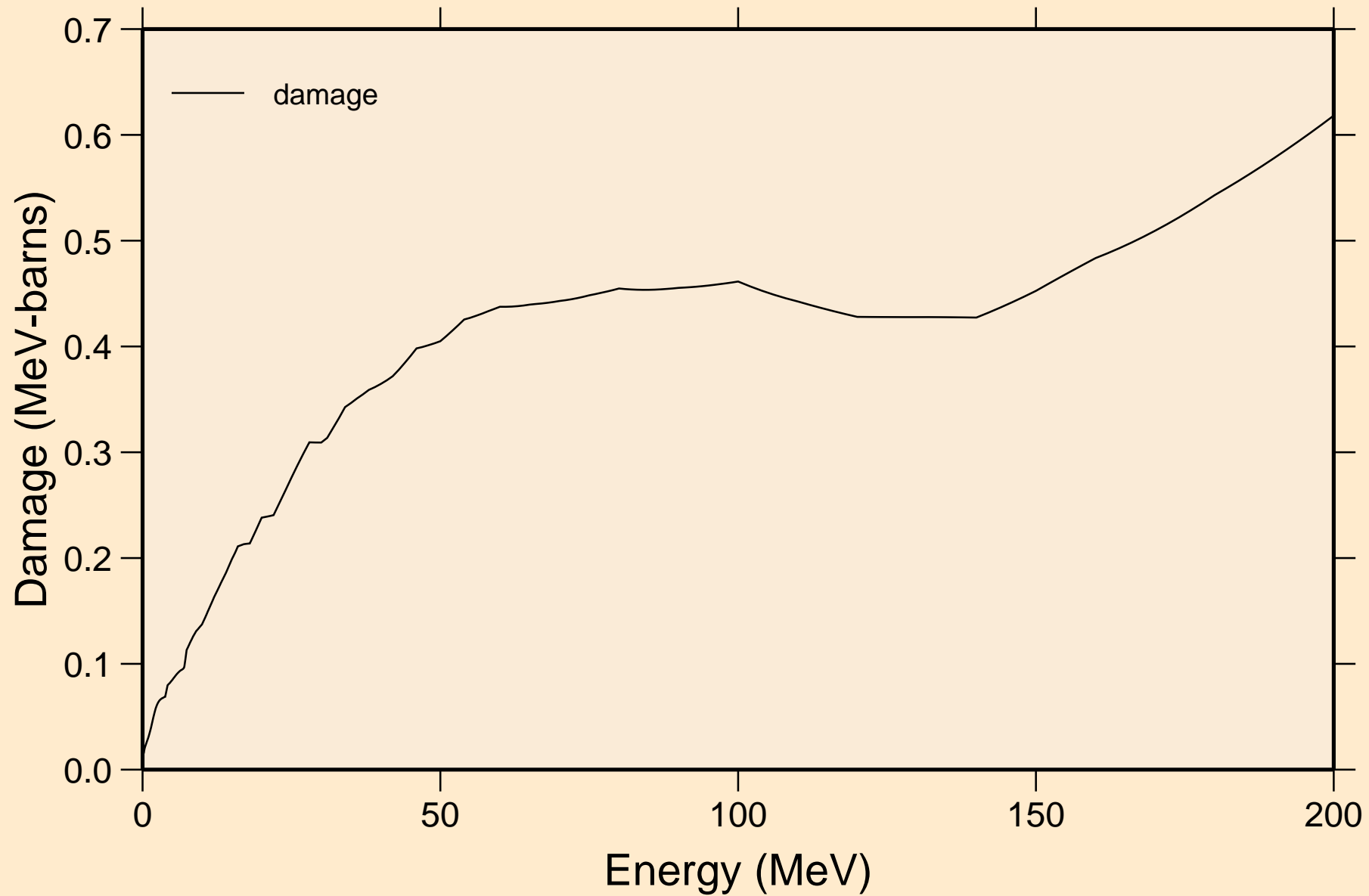


PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

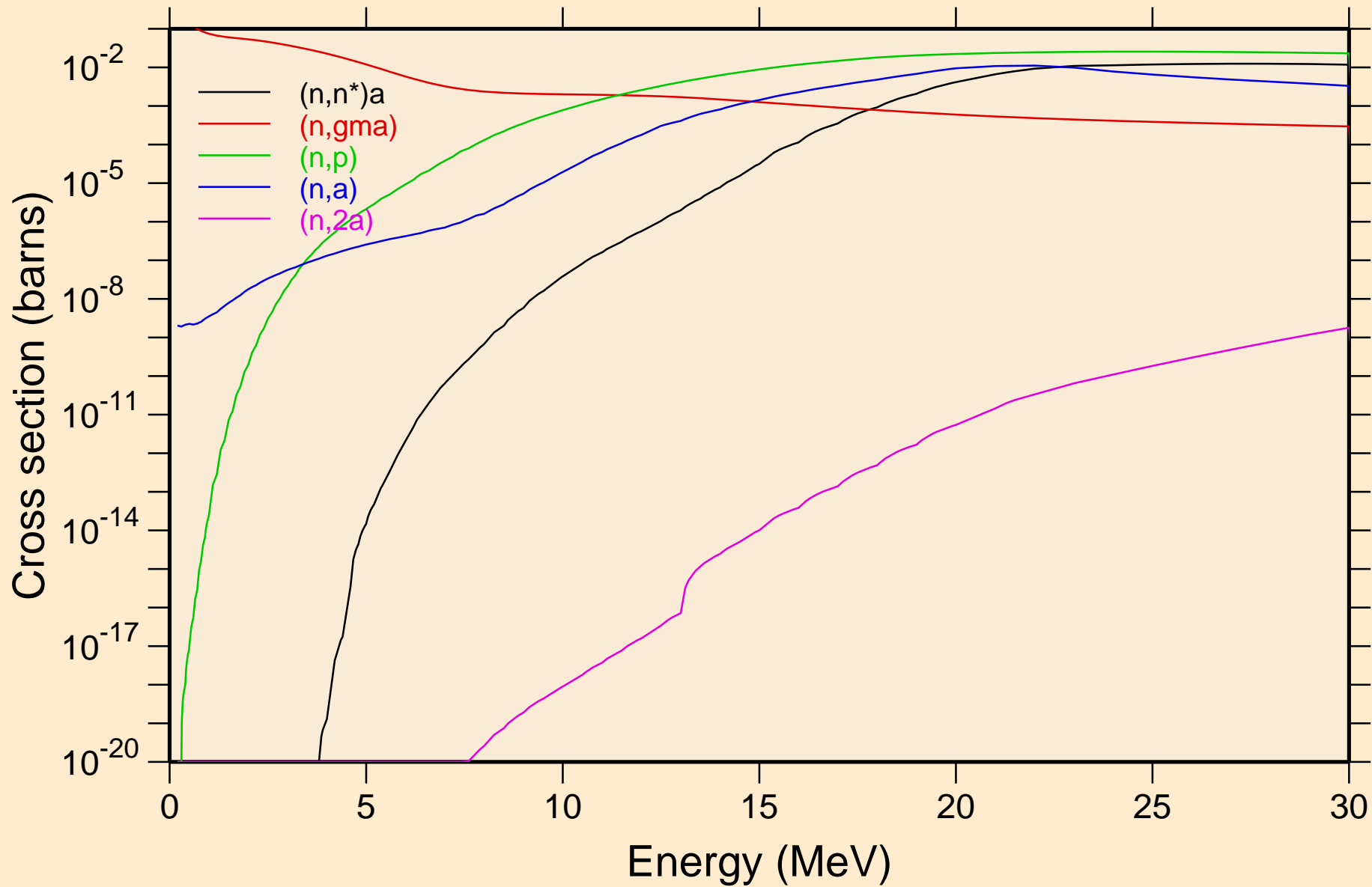


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Damage

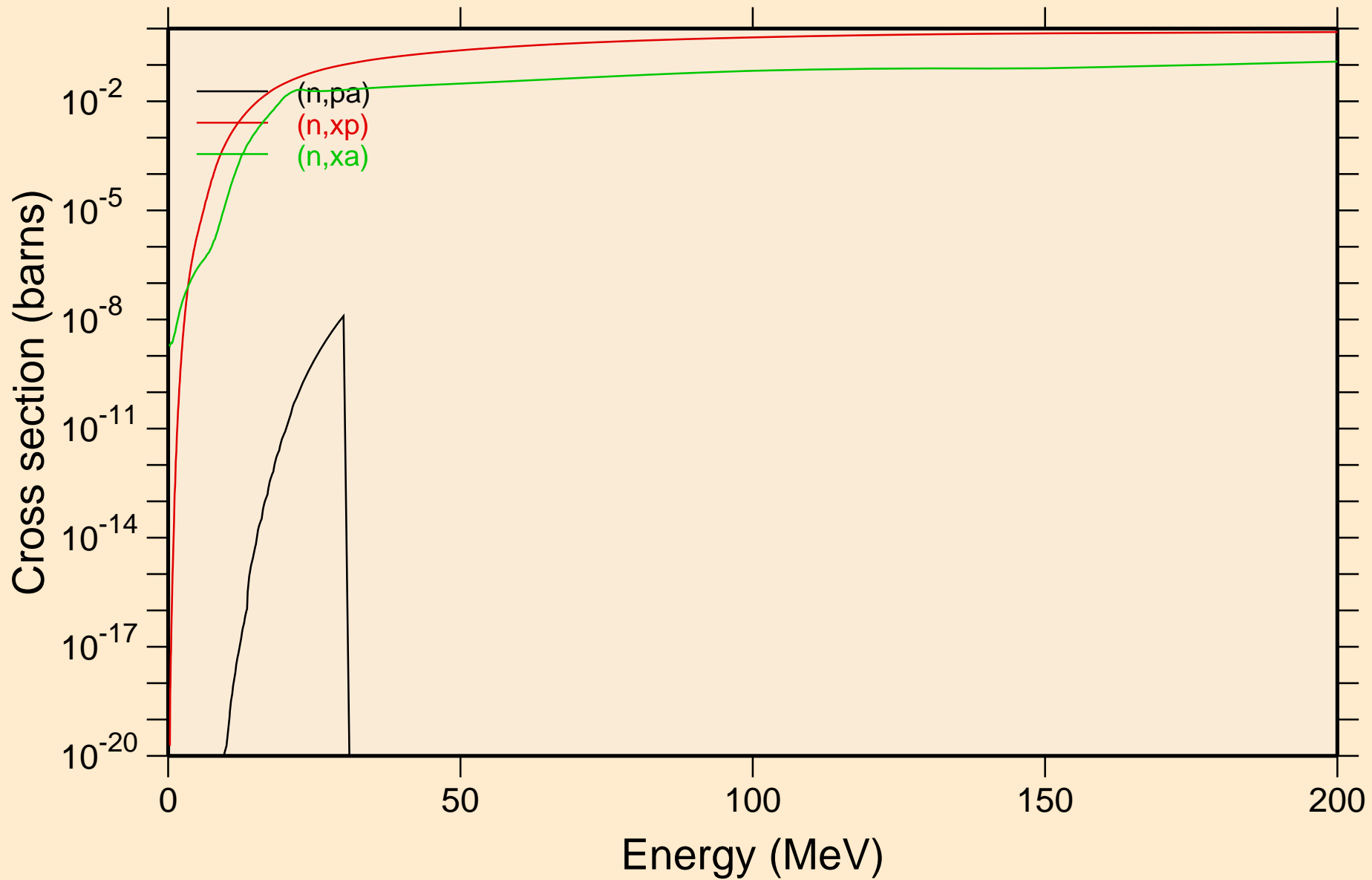




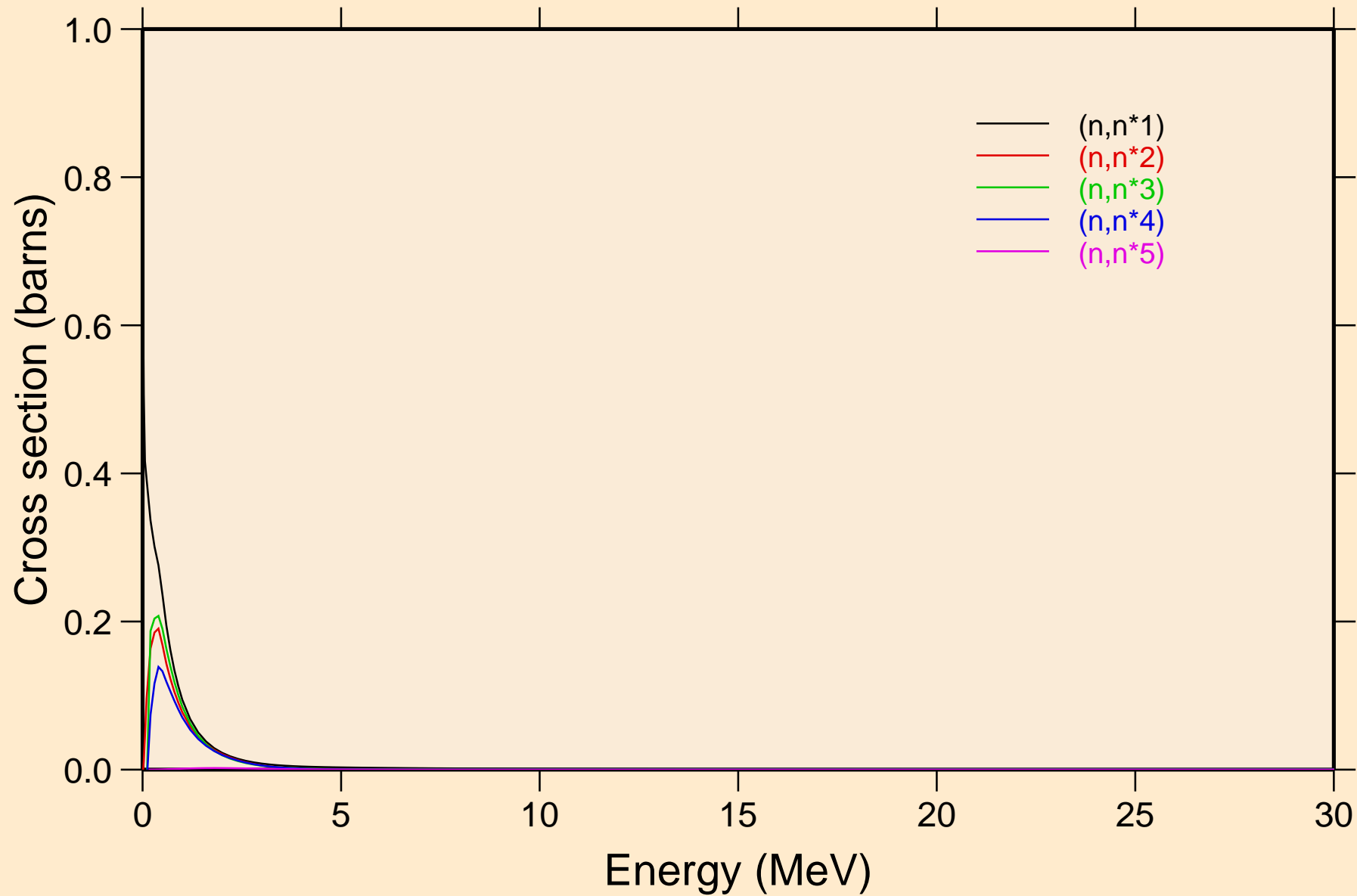
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Non-threshold reactions



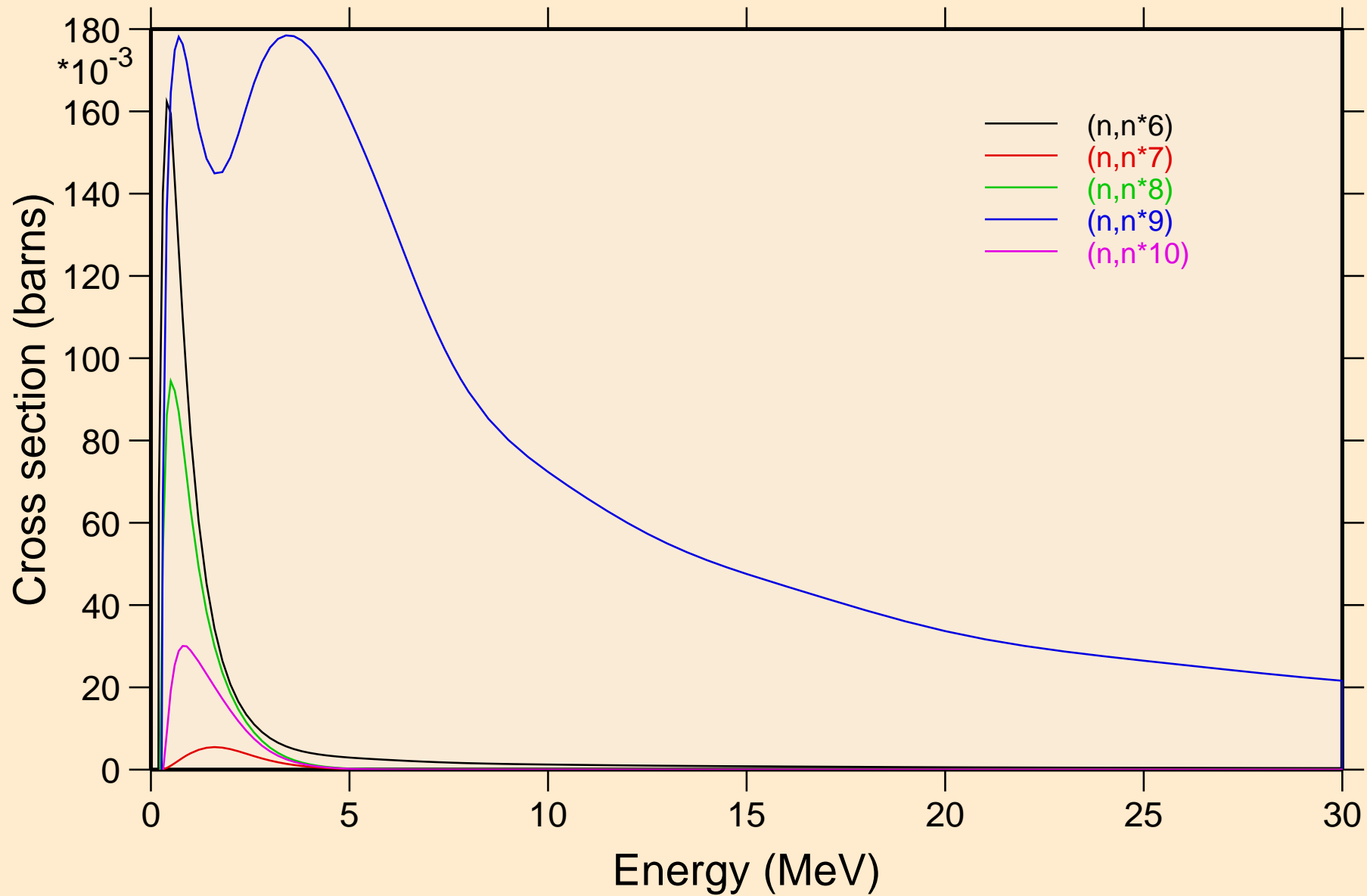
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Non-threshold reactions



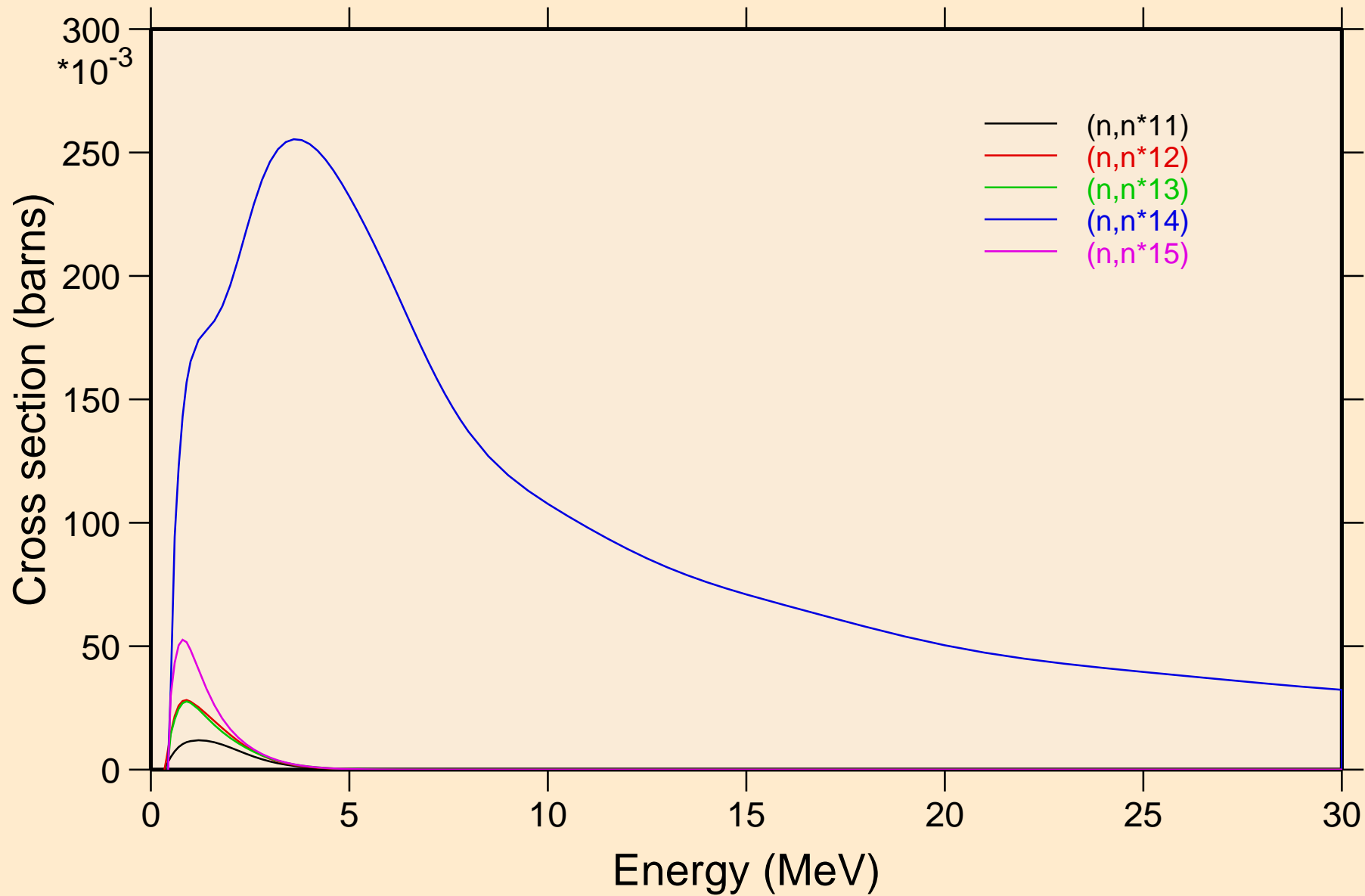
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



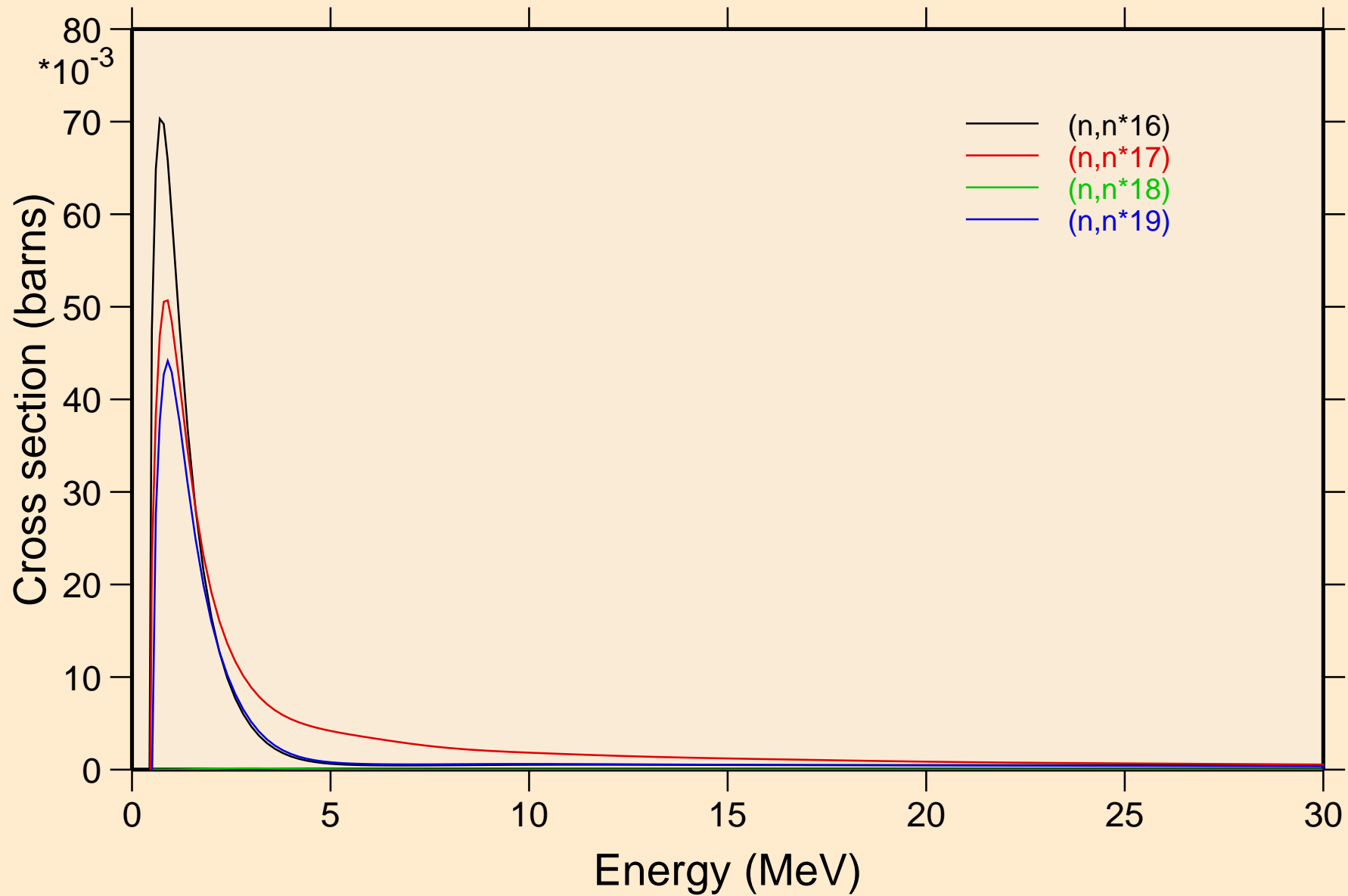
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Inelastic levels



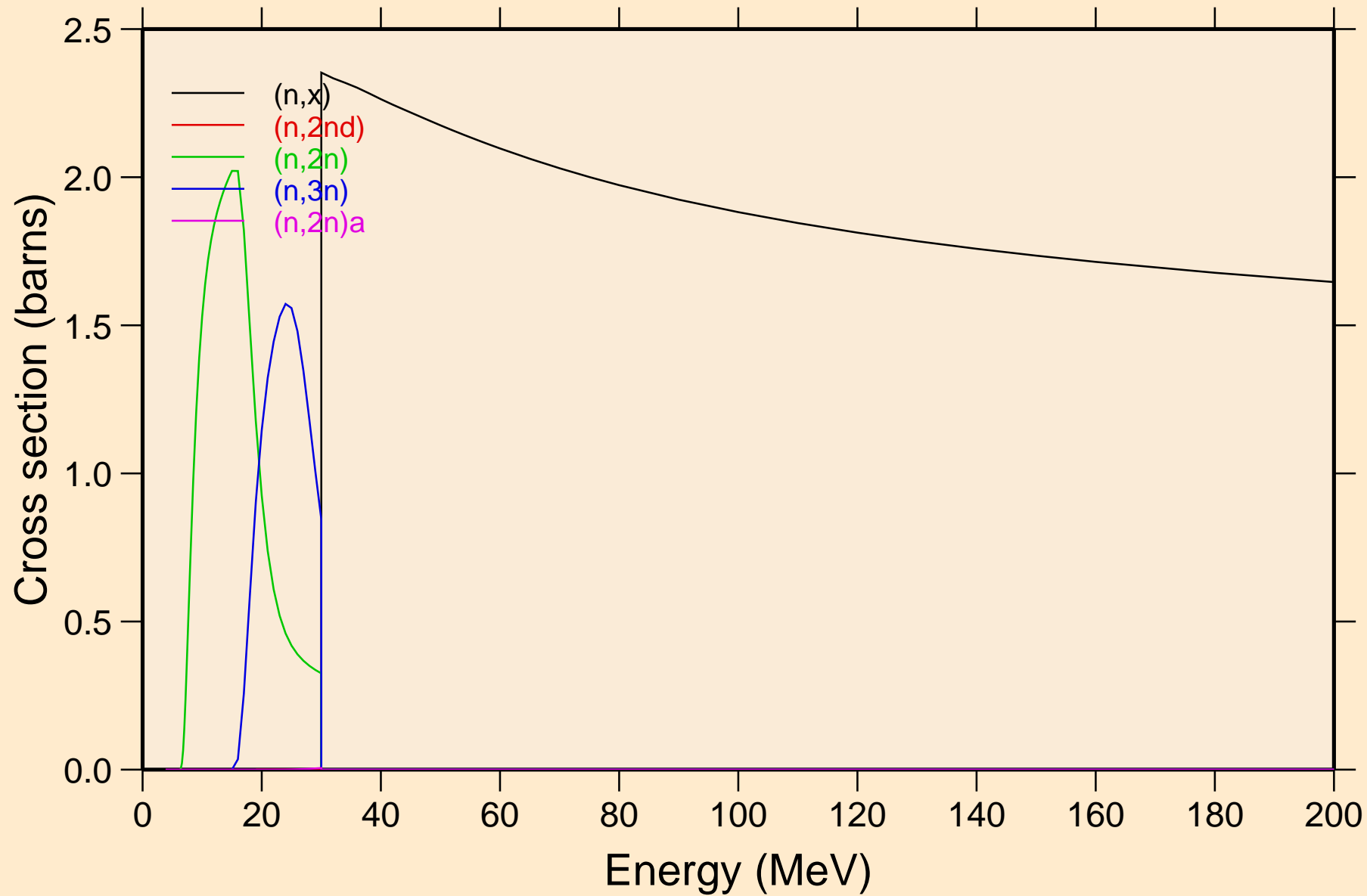
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



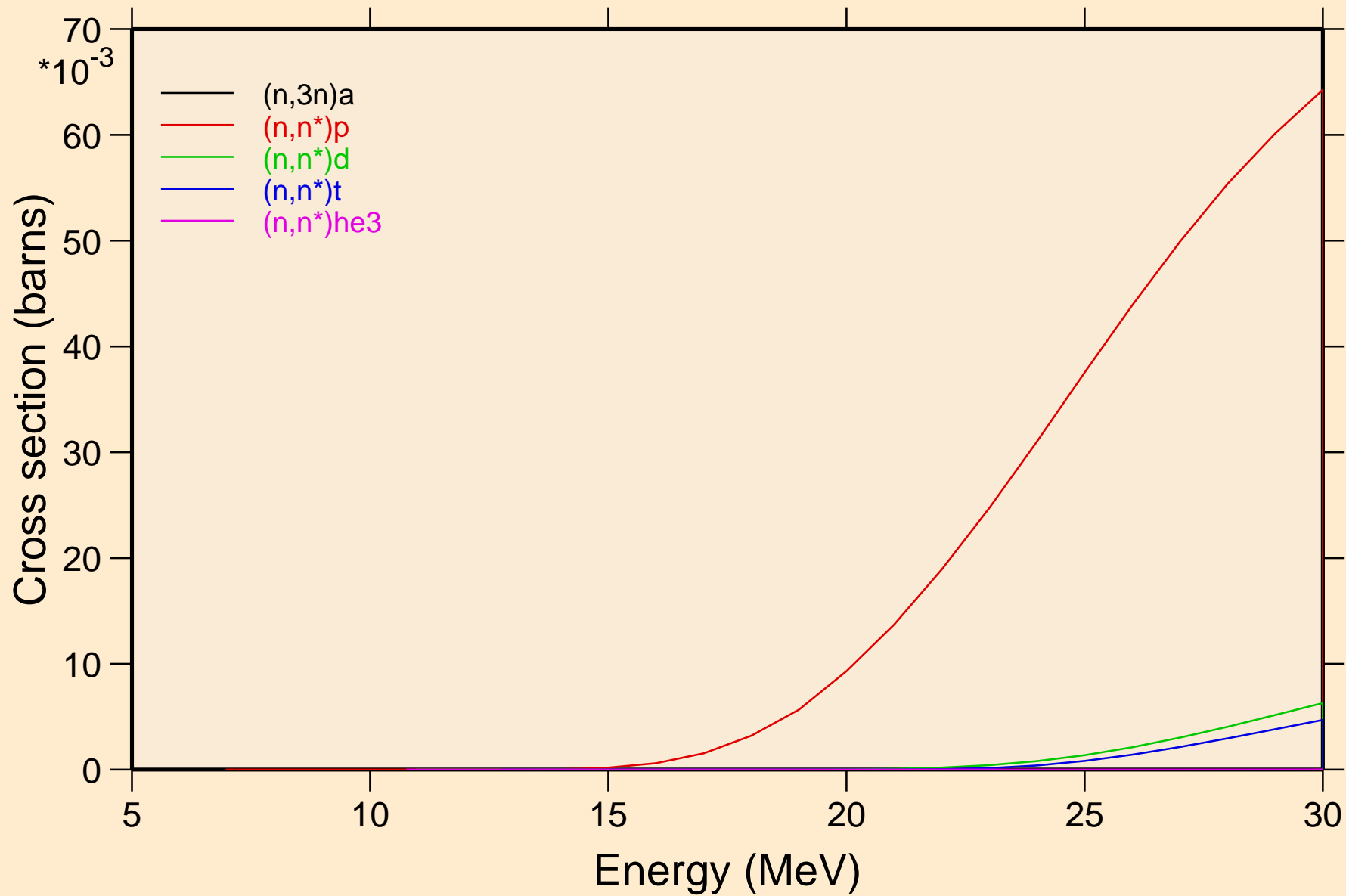
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

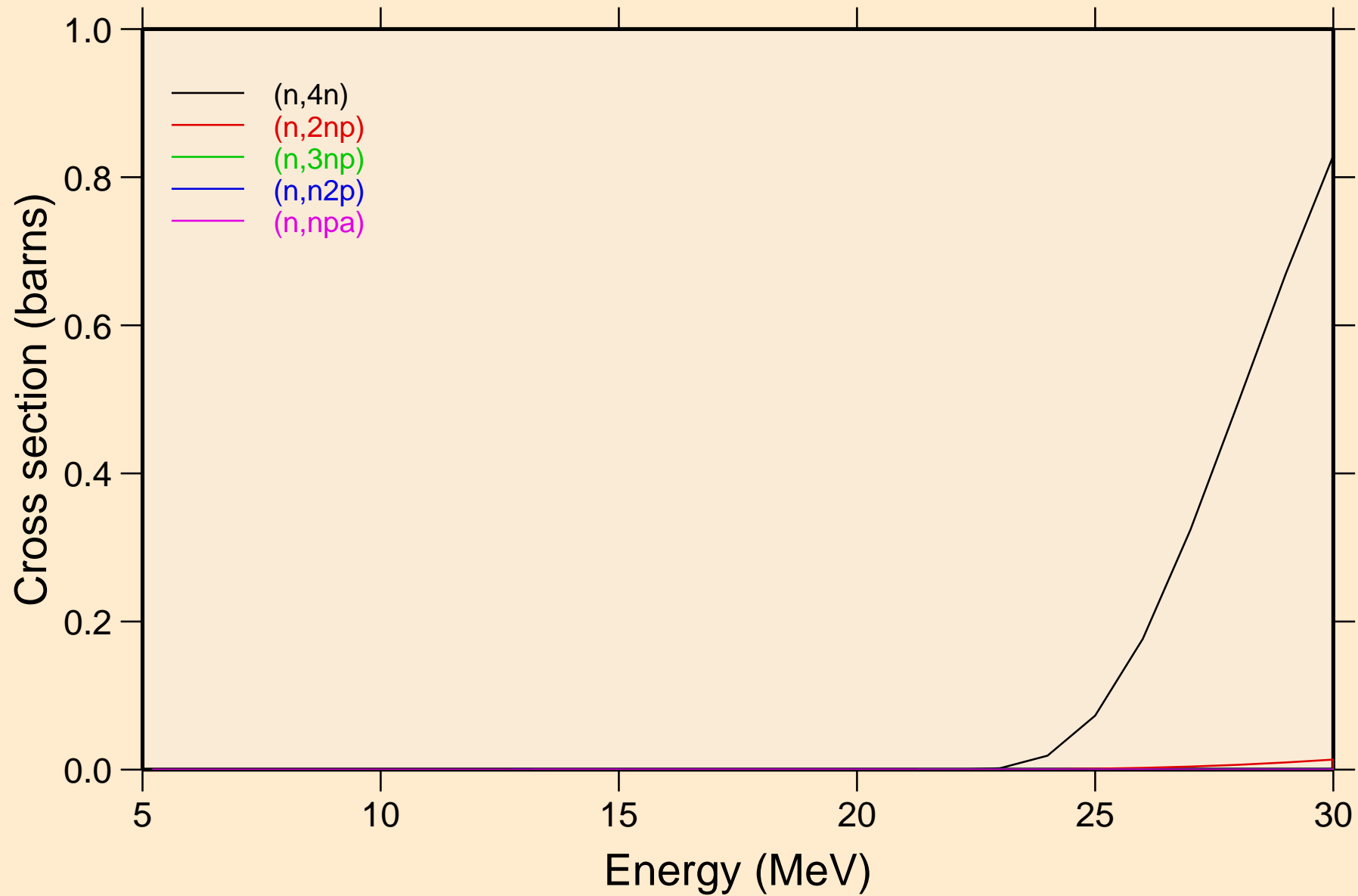


PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

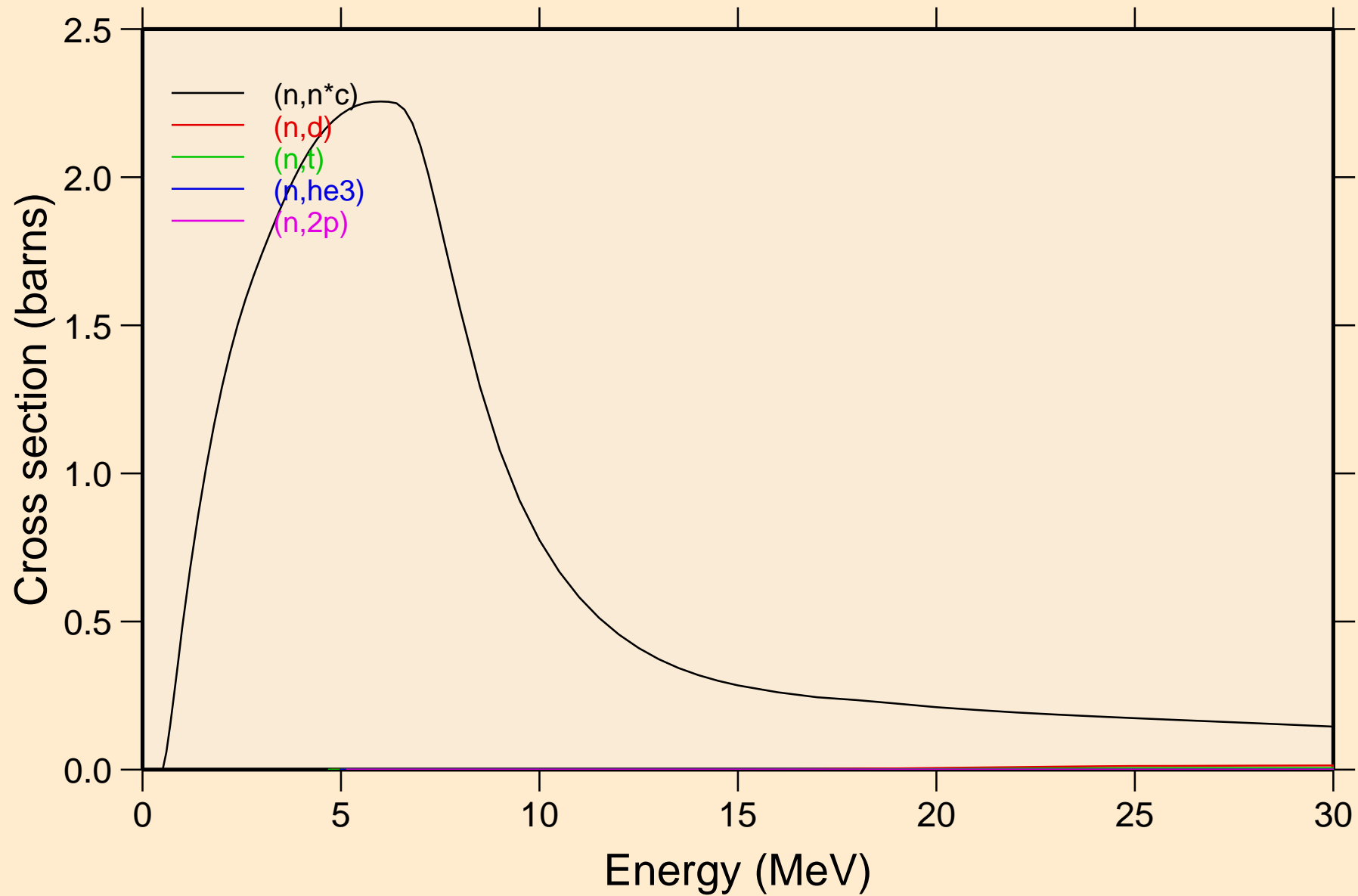




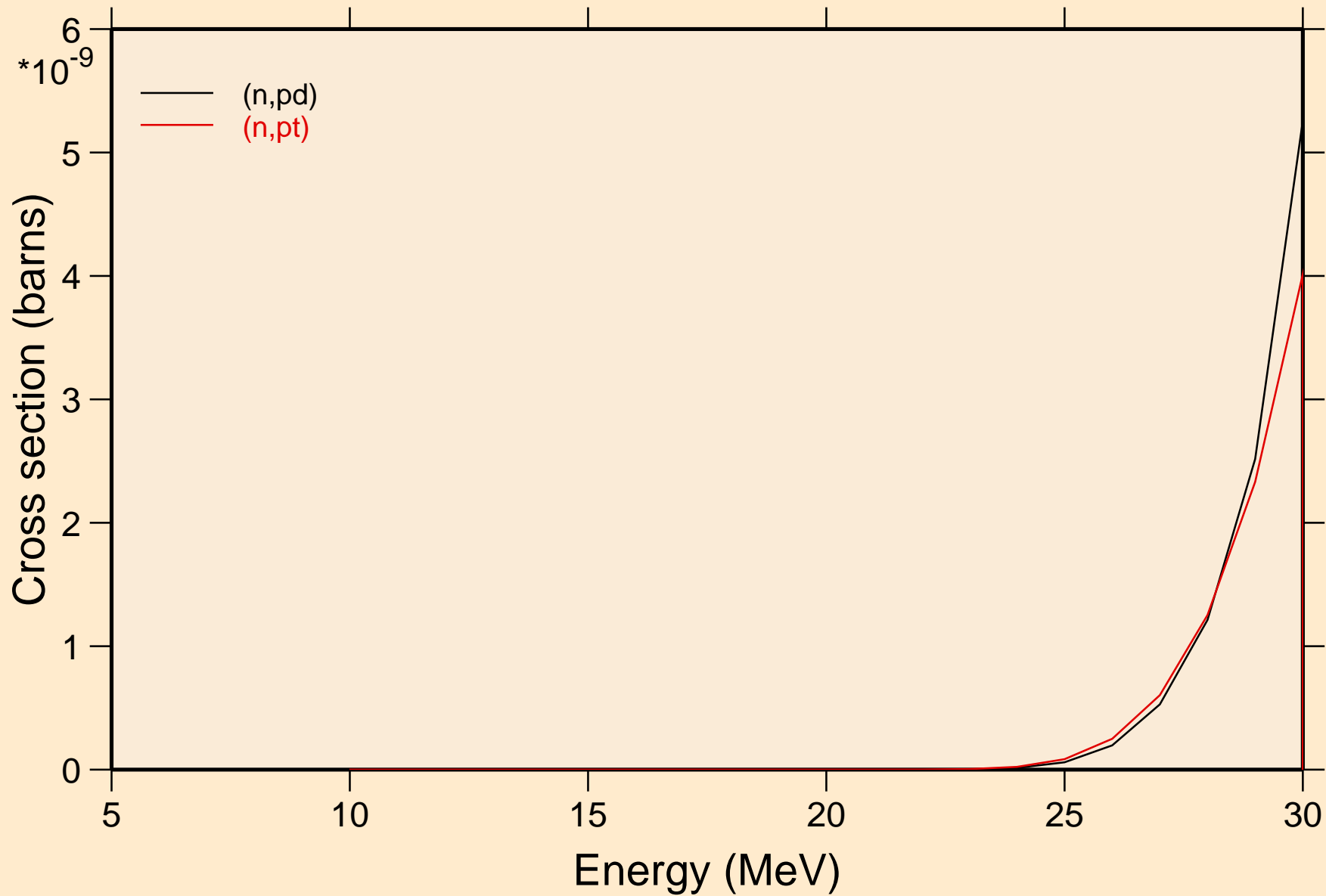
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



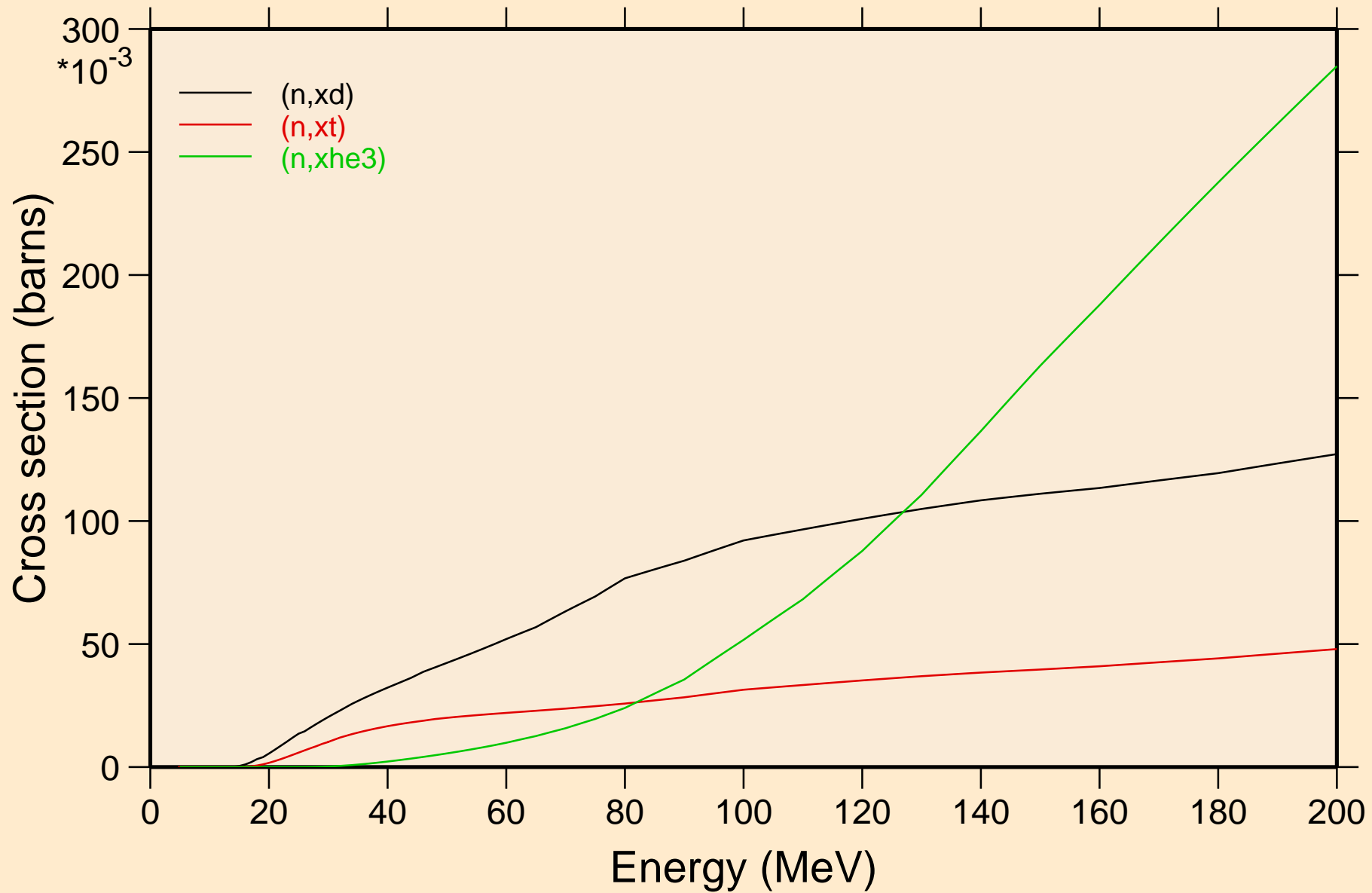
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



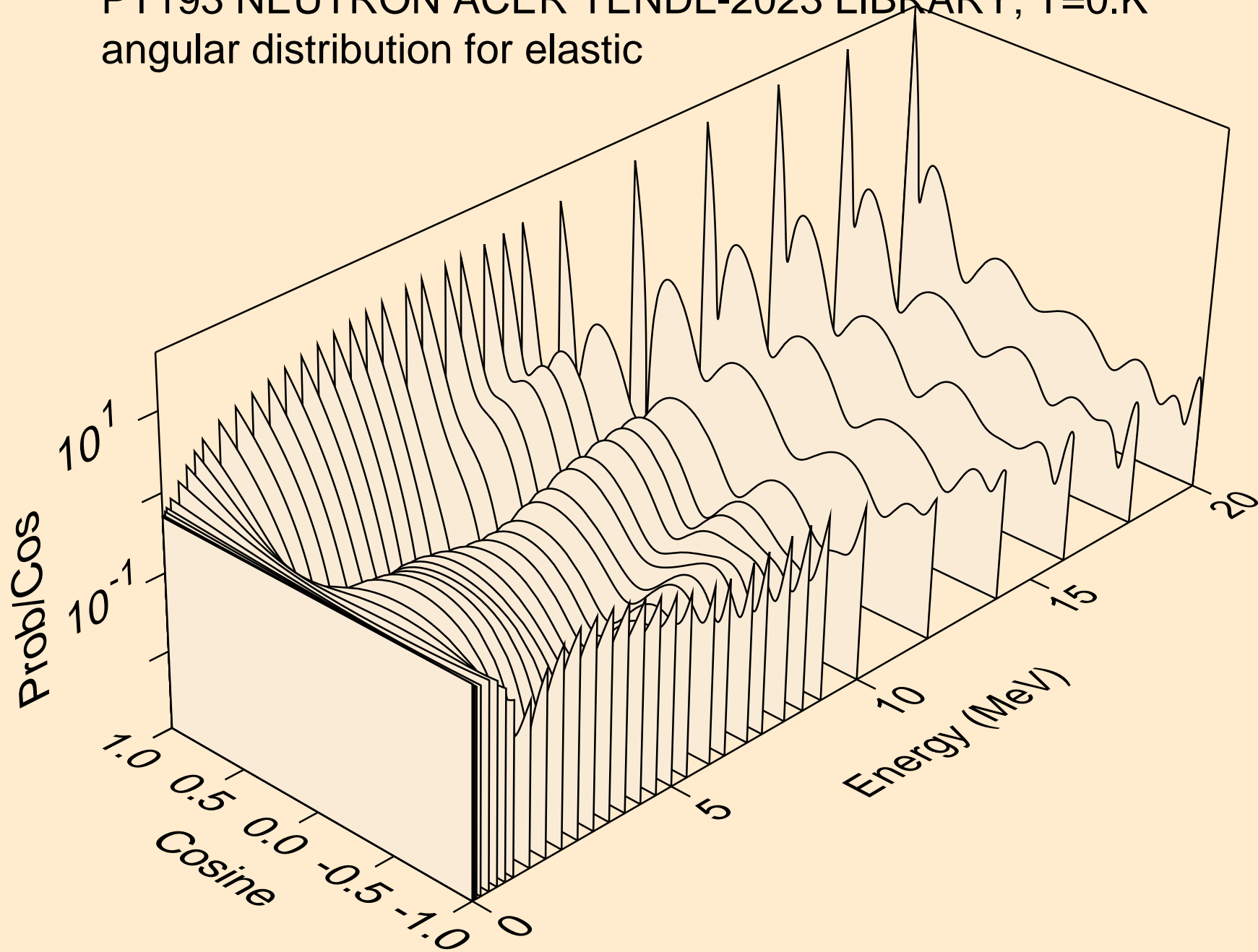
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Threshold reactions



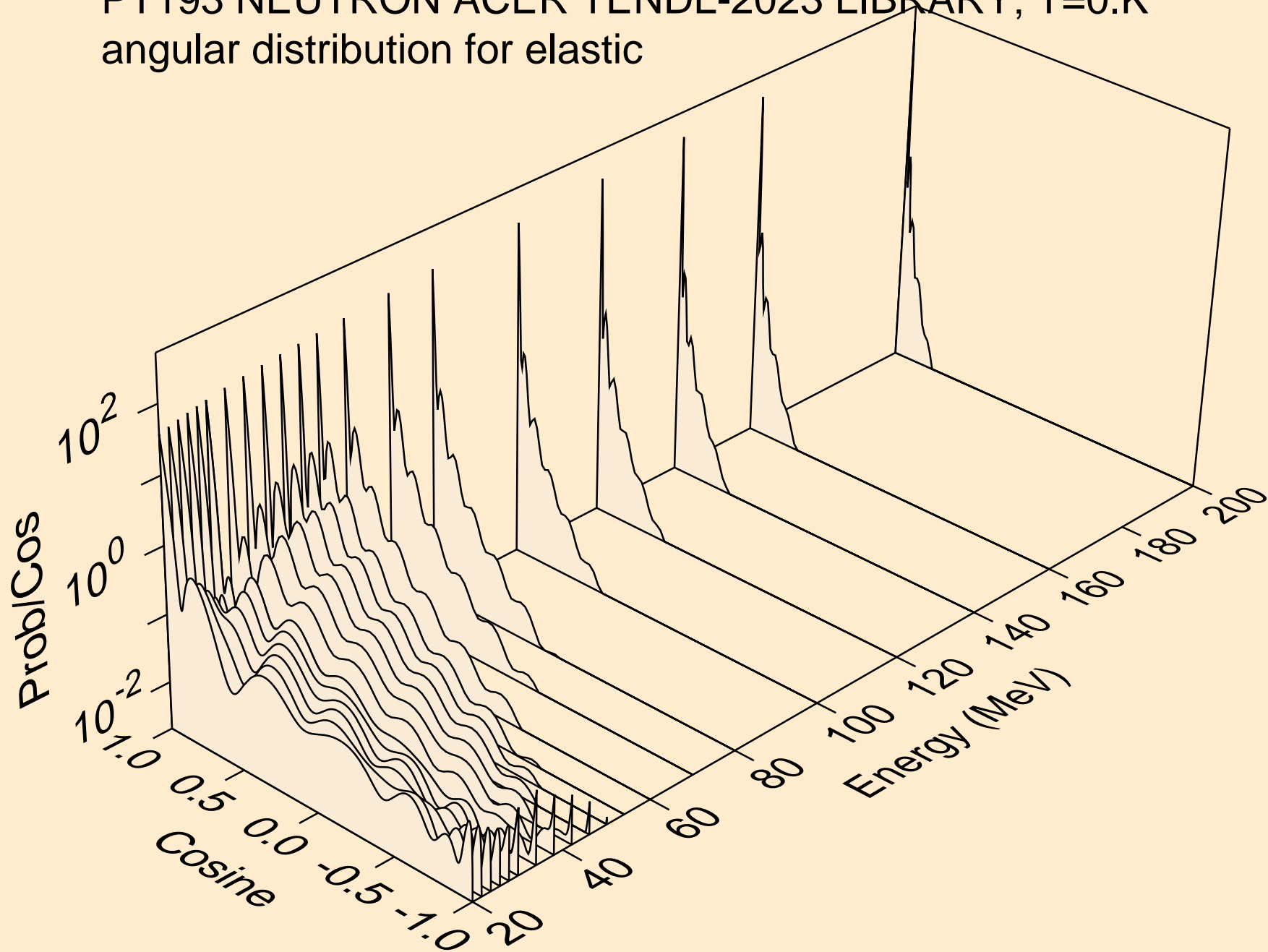
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Threshold reactions



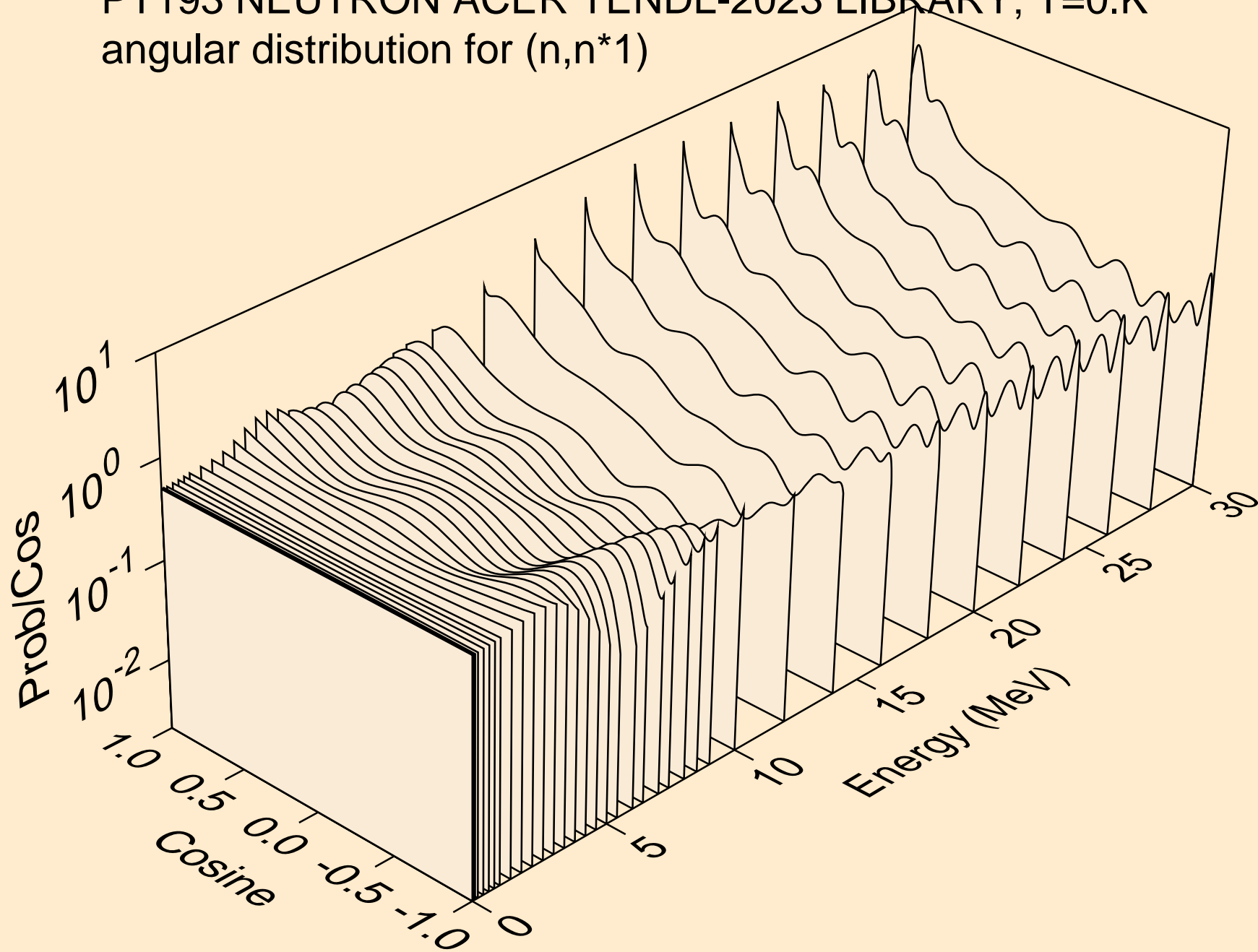
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



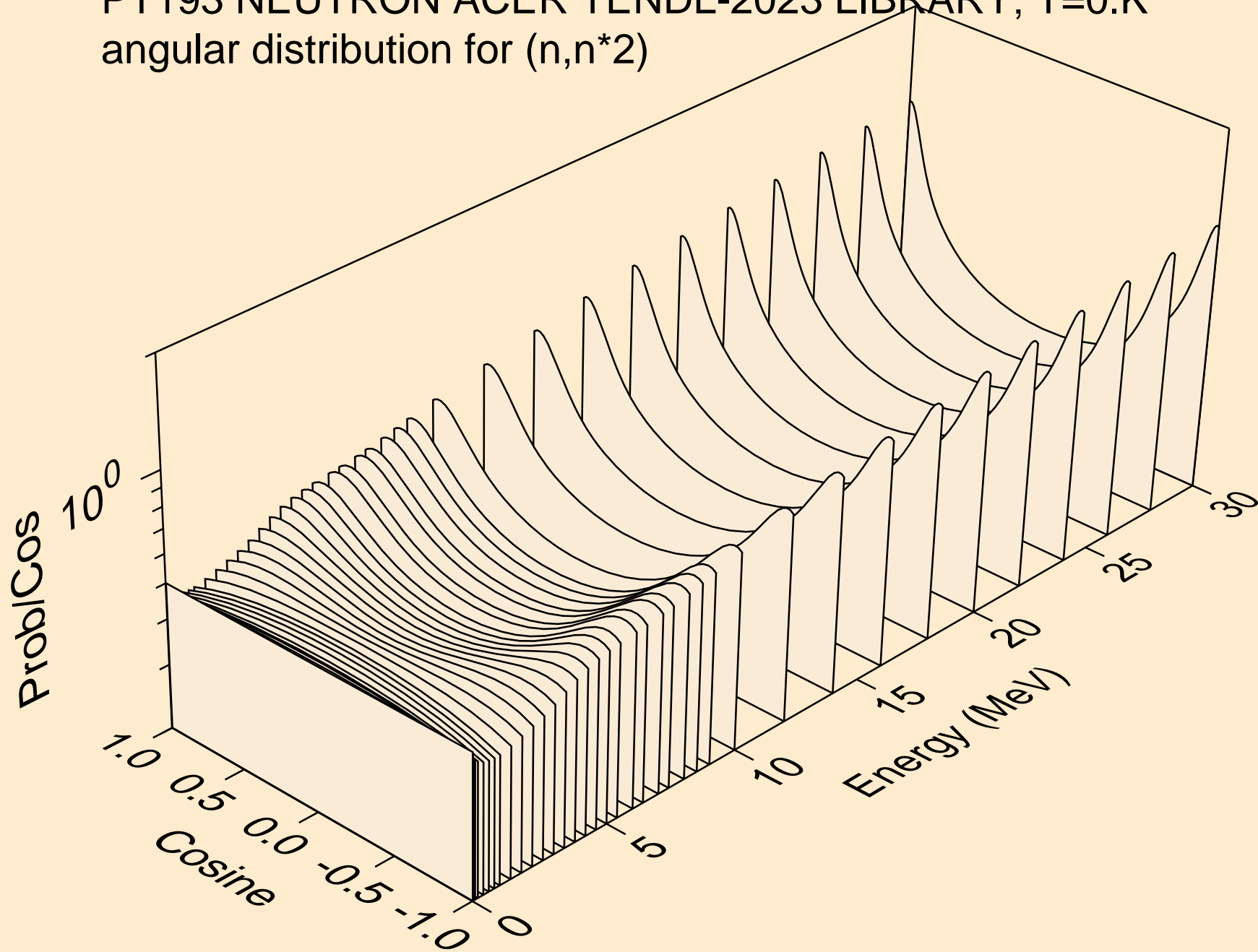
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

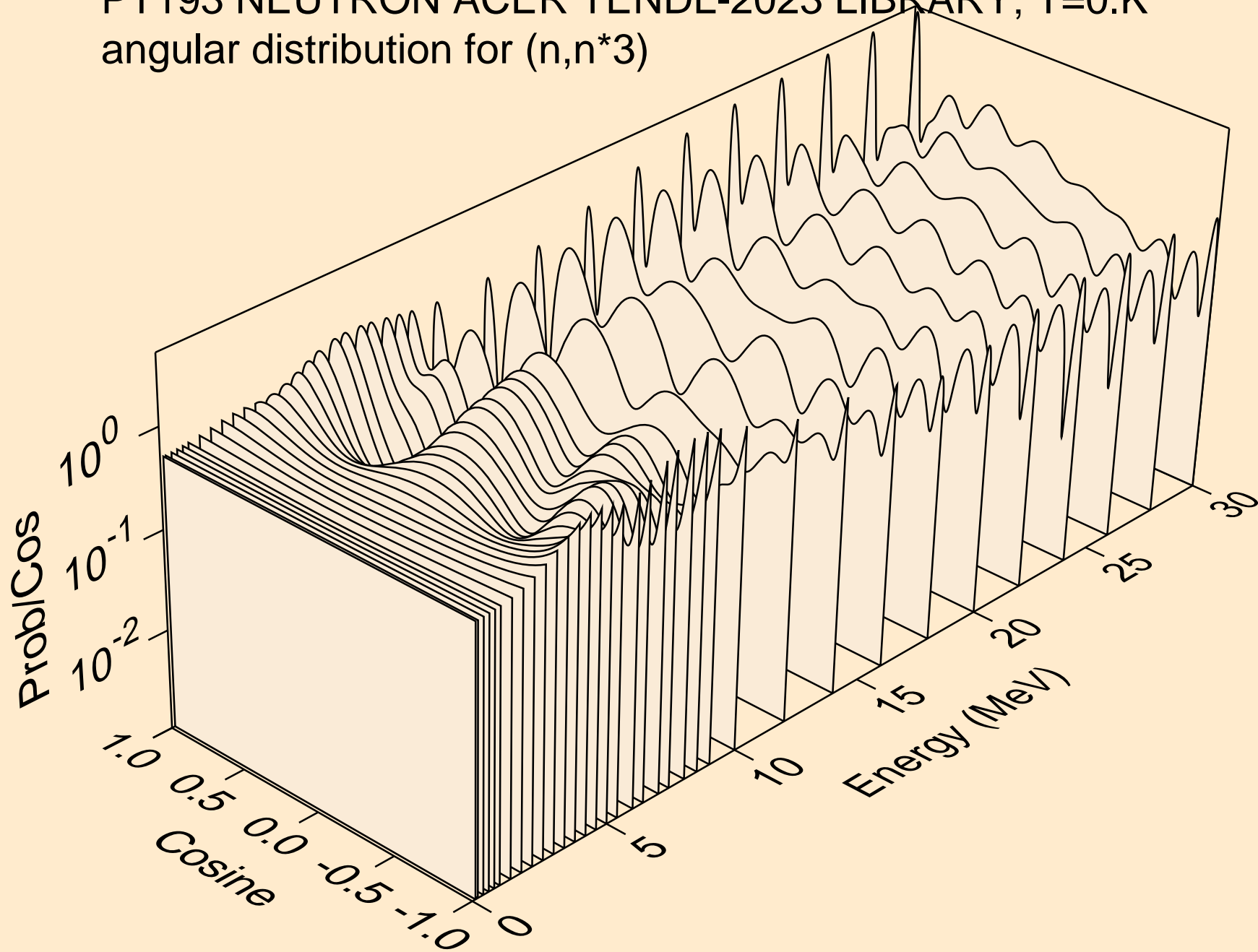


PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

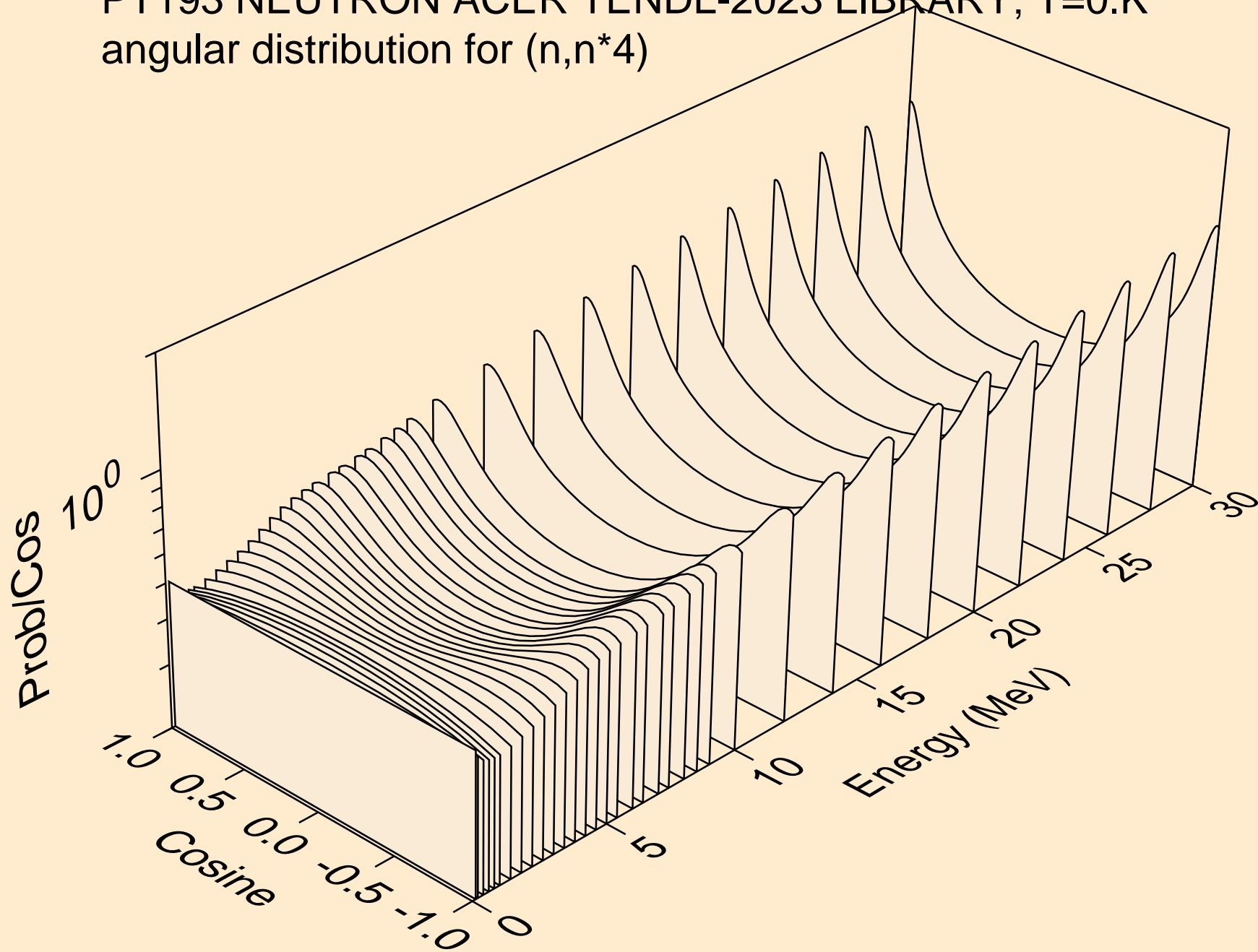




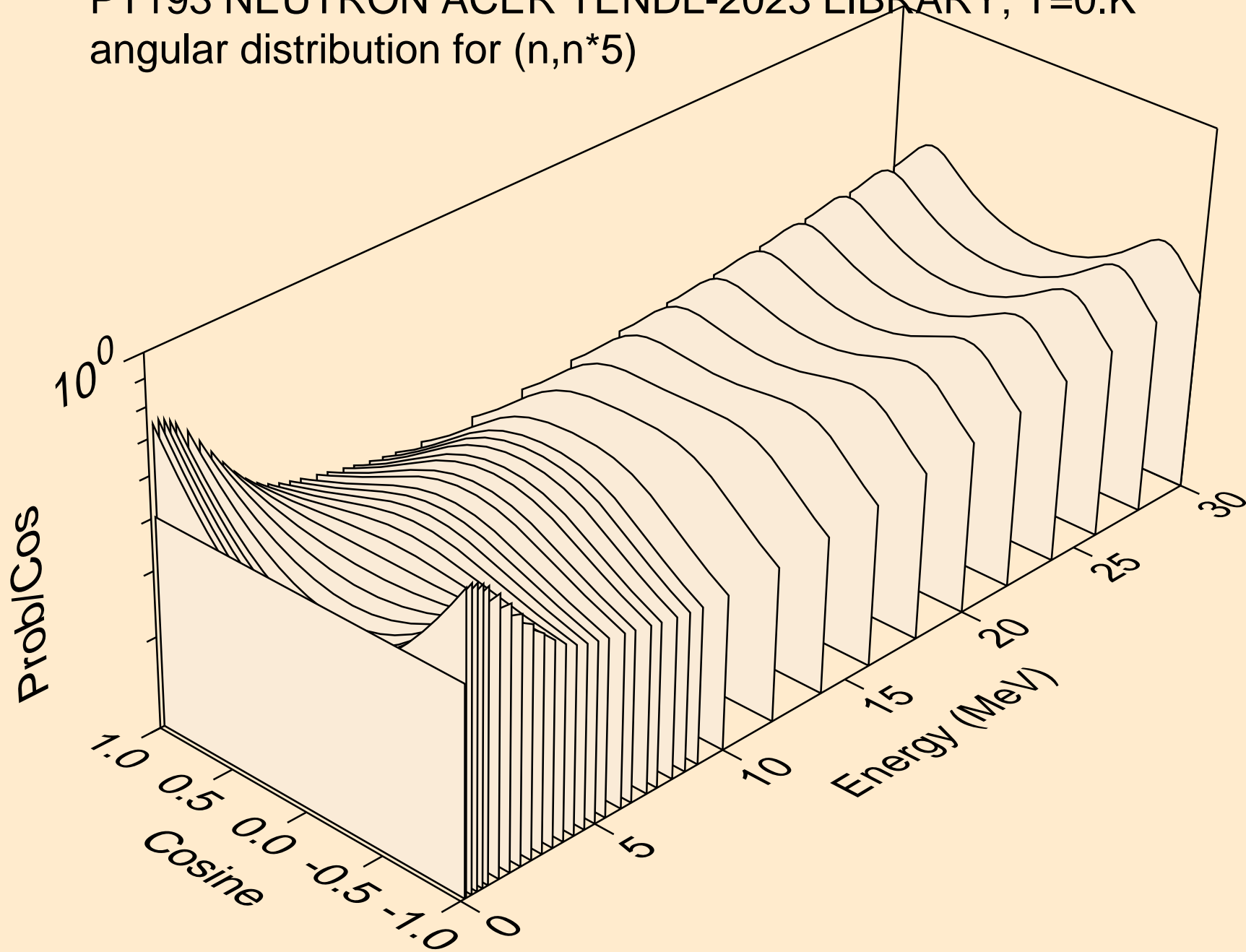
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angular distribution for (n,n\*3)



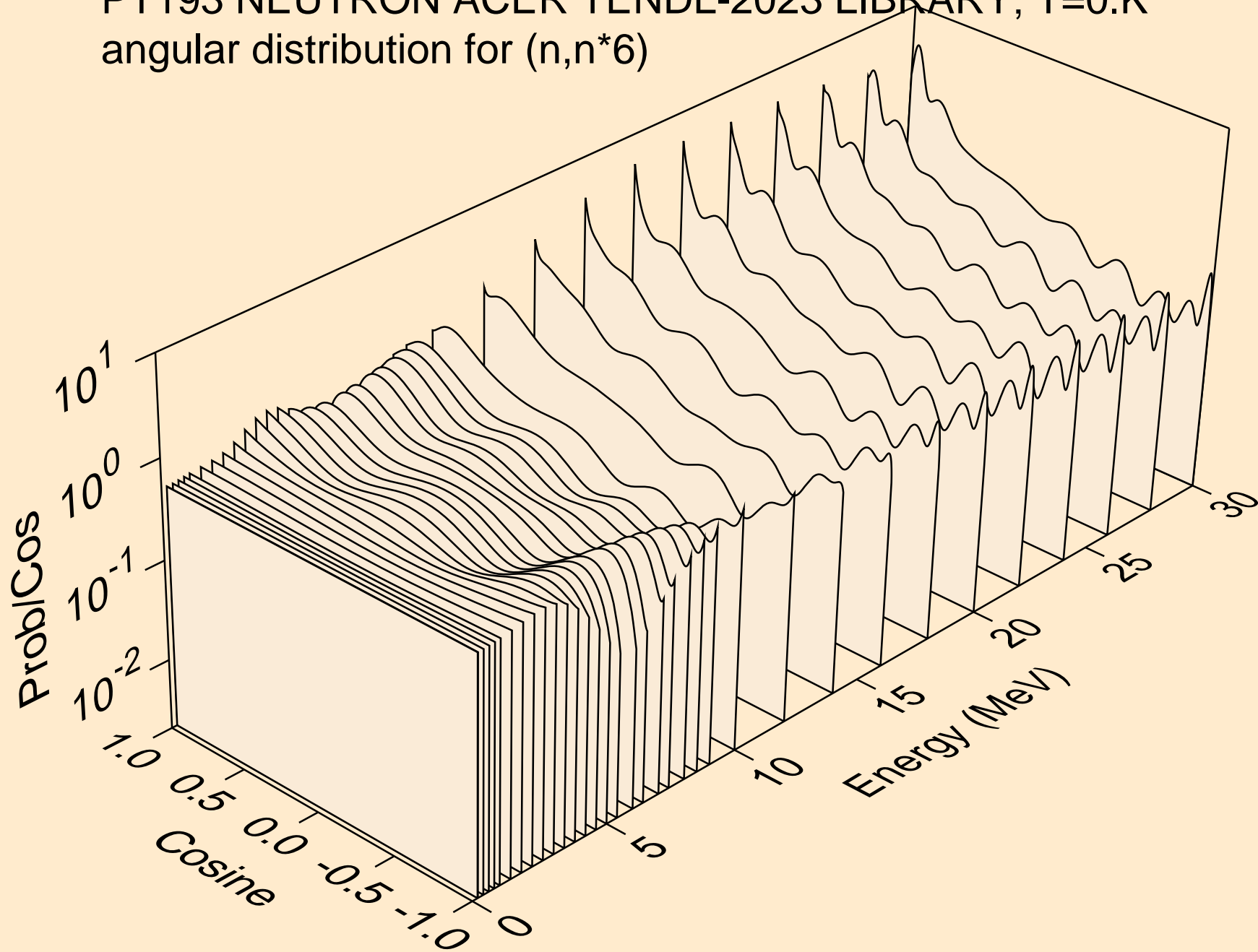
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angular distribution for (n,n\*4)



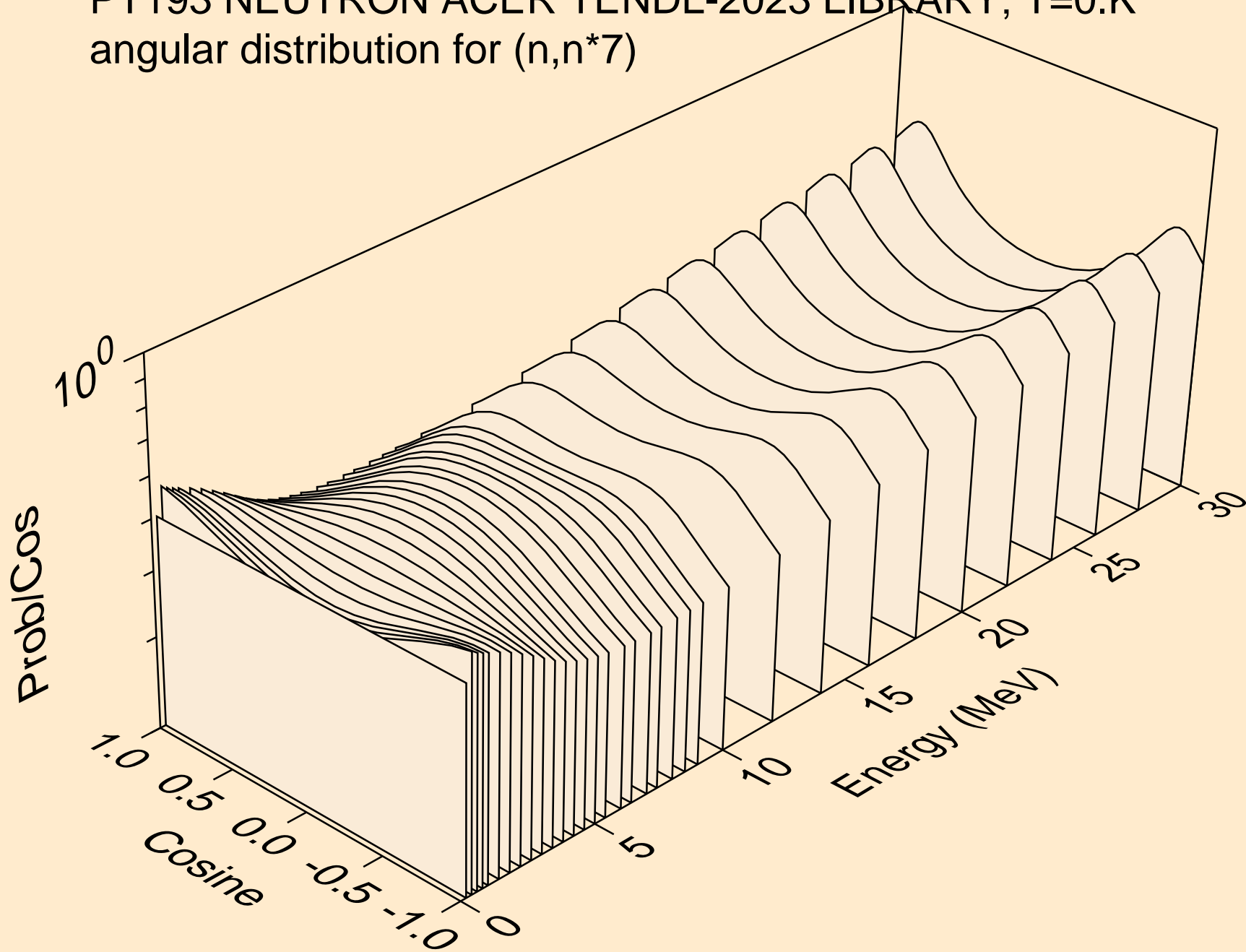
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angular distribution for (n,n\*5)



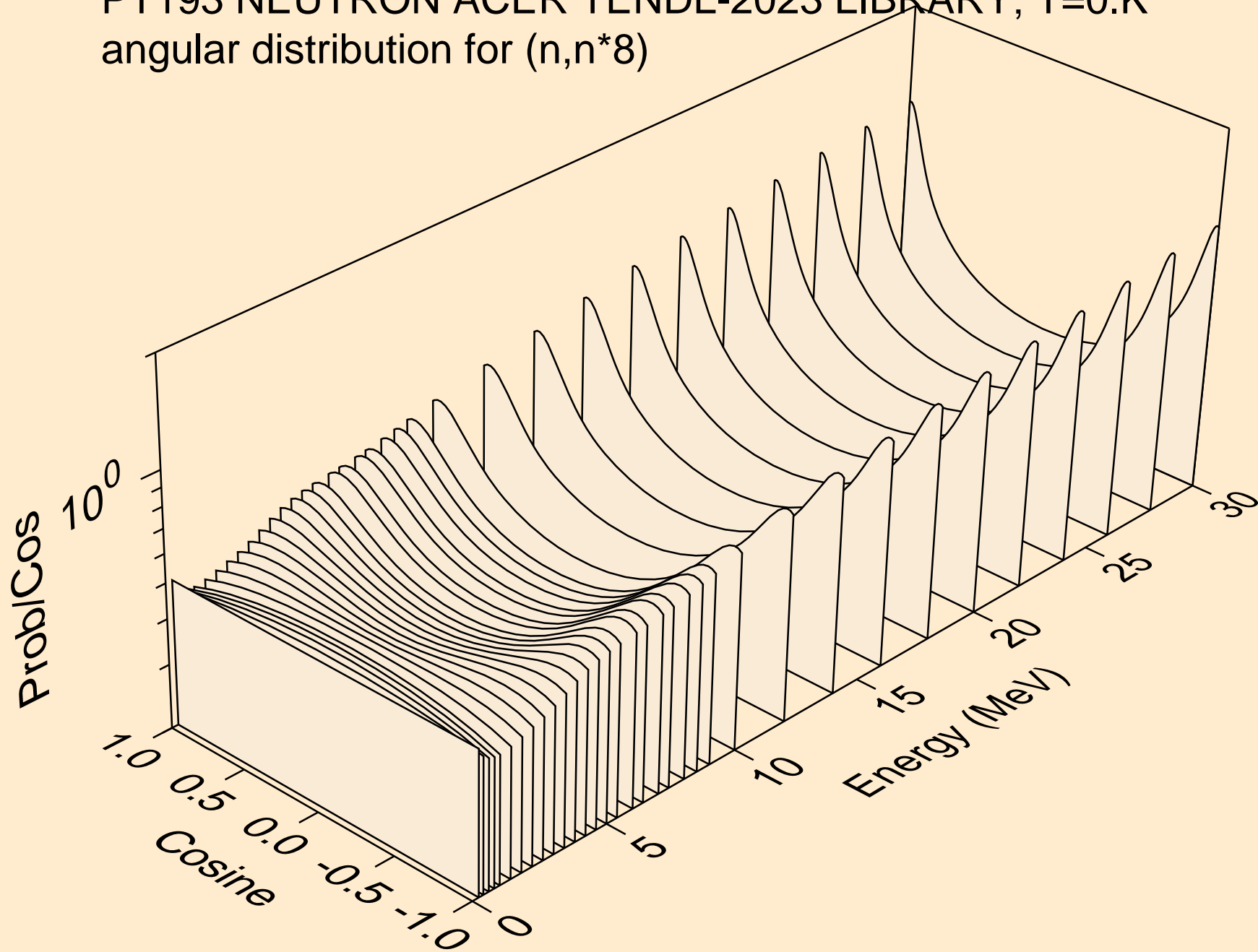
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angular distribution for (n,n\*6)



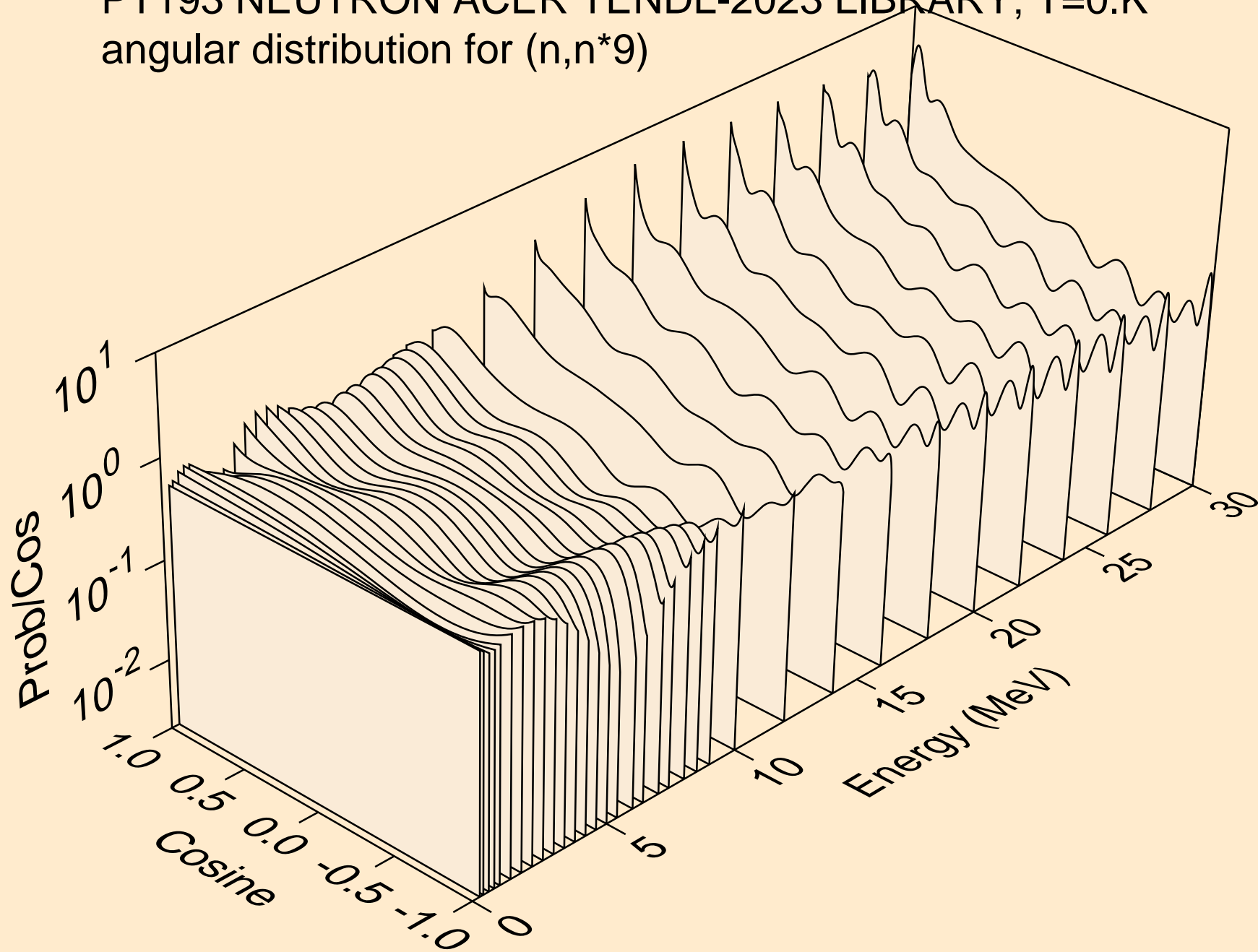
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angular distribution for (n,n\*7)



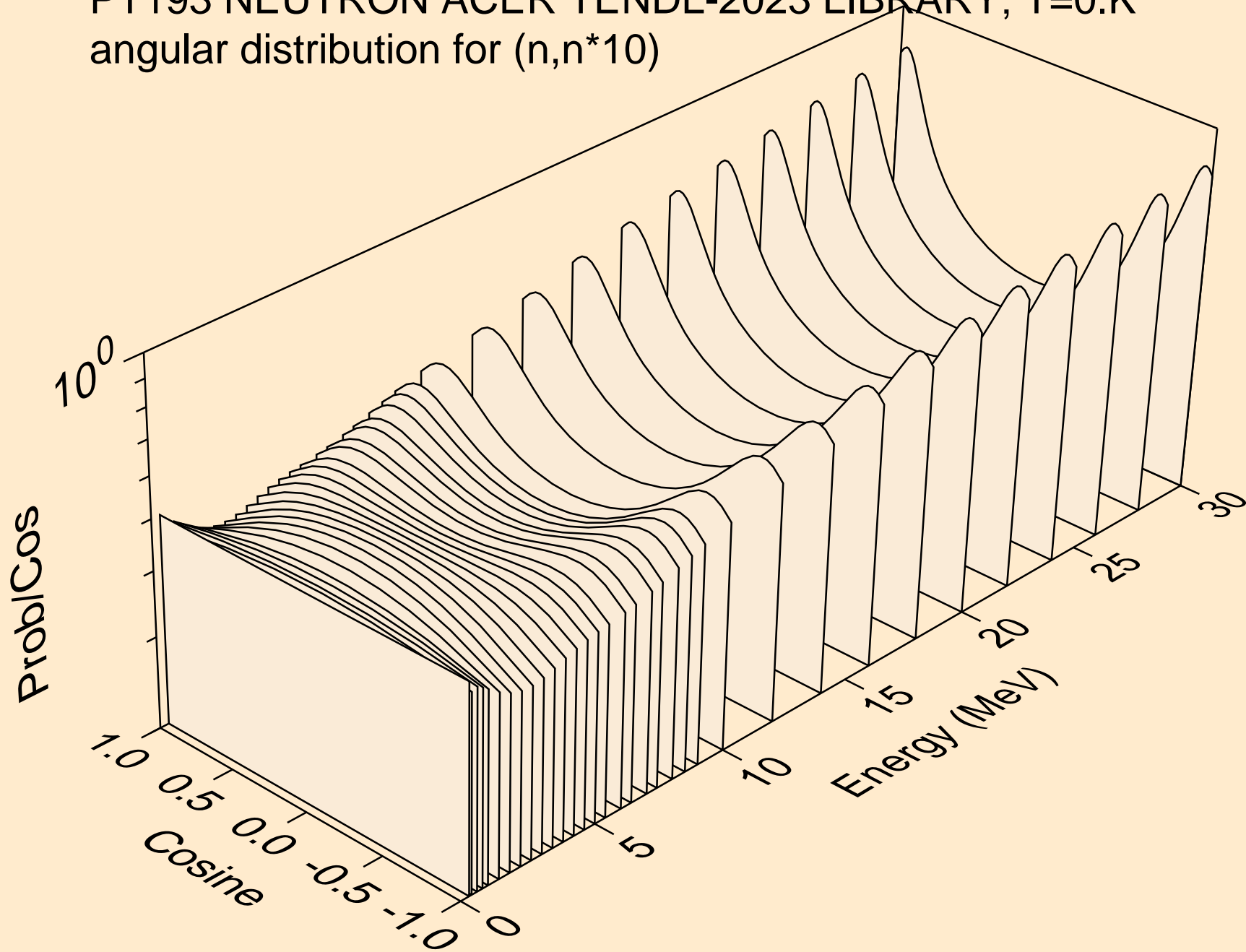
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

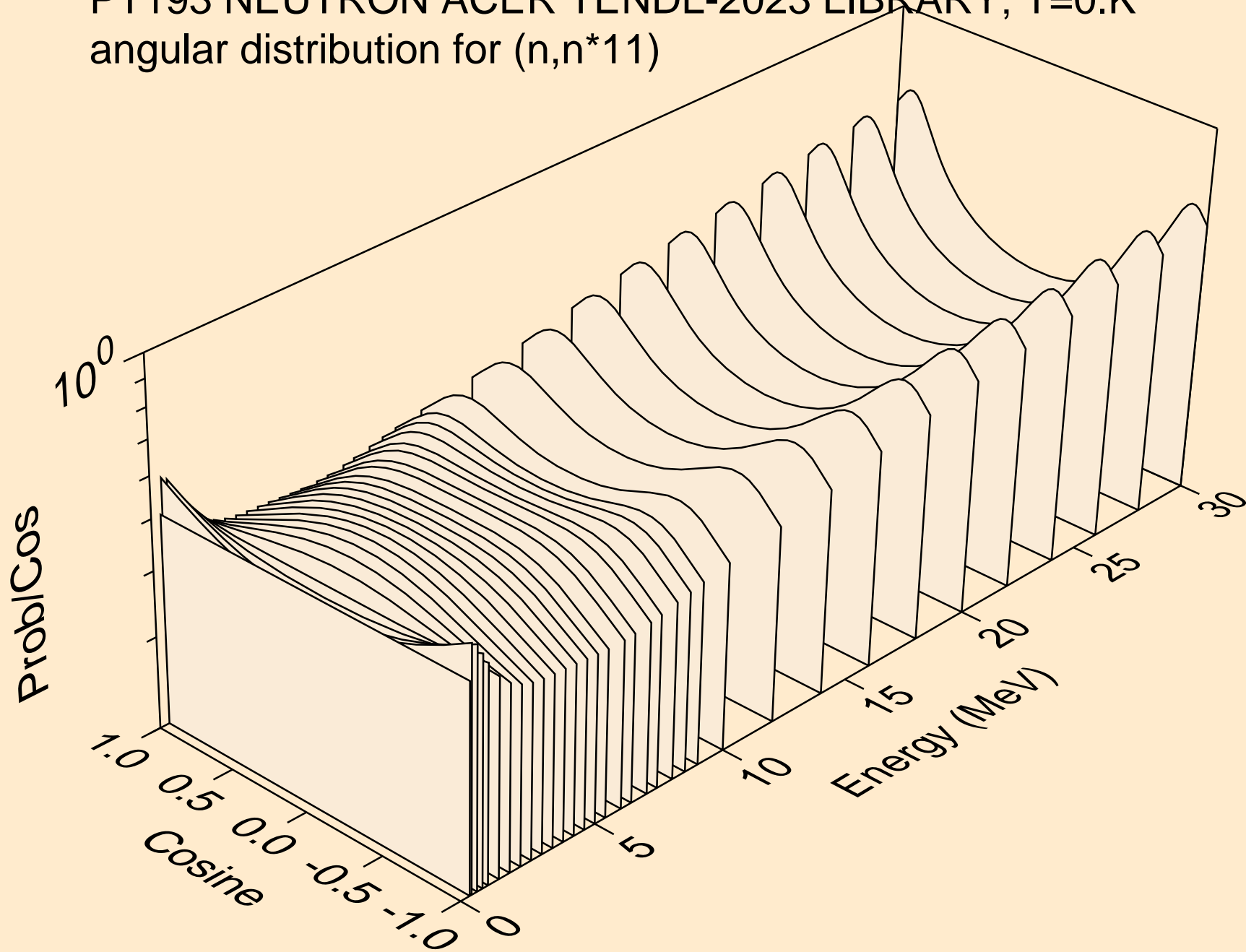


PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

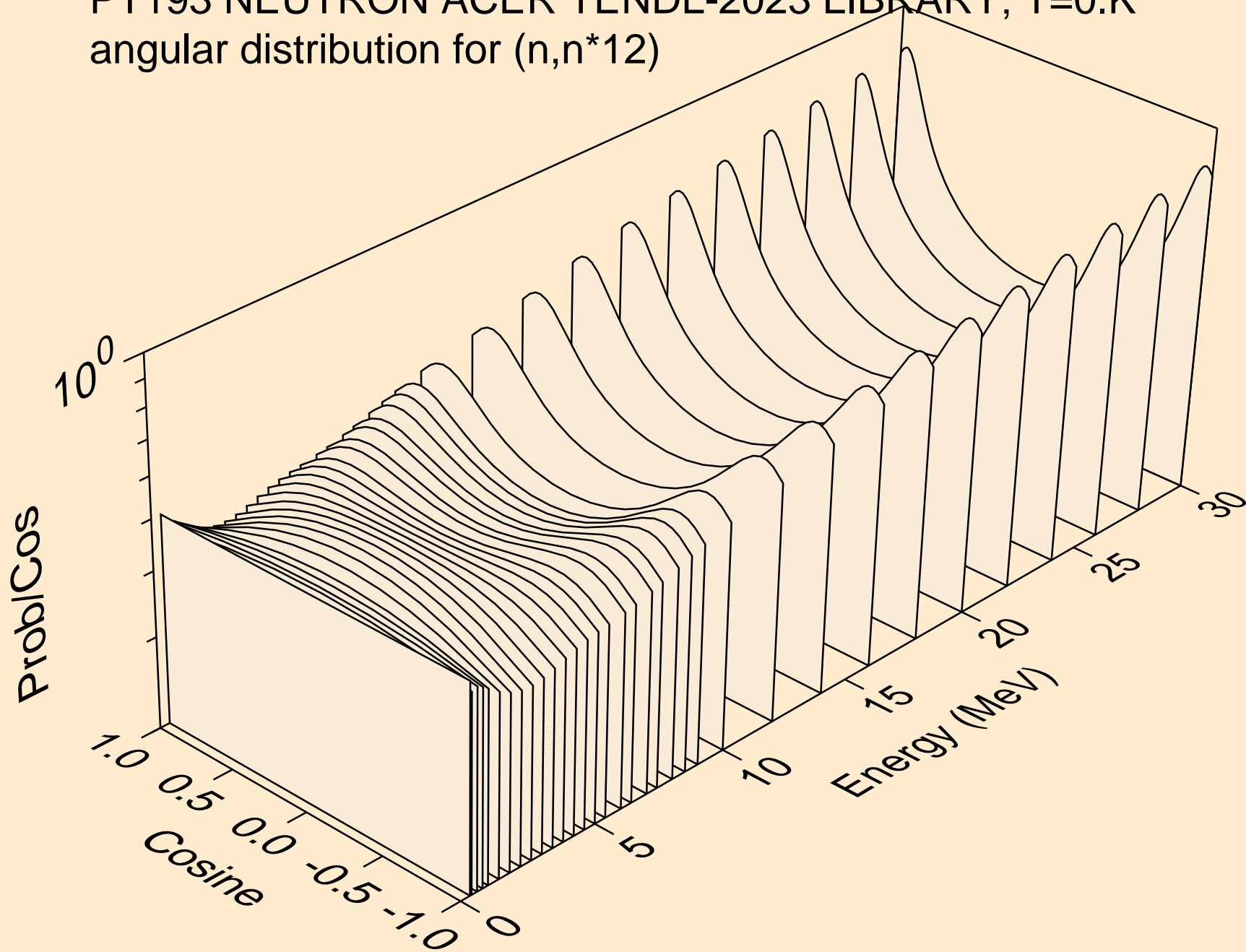




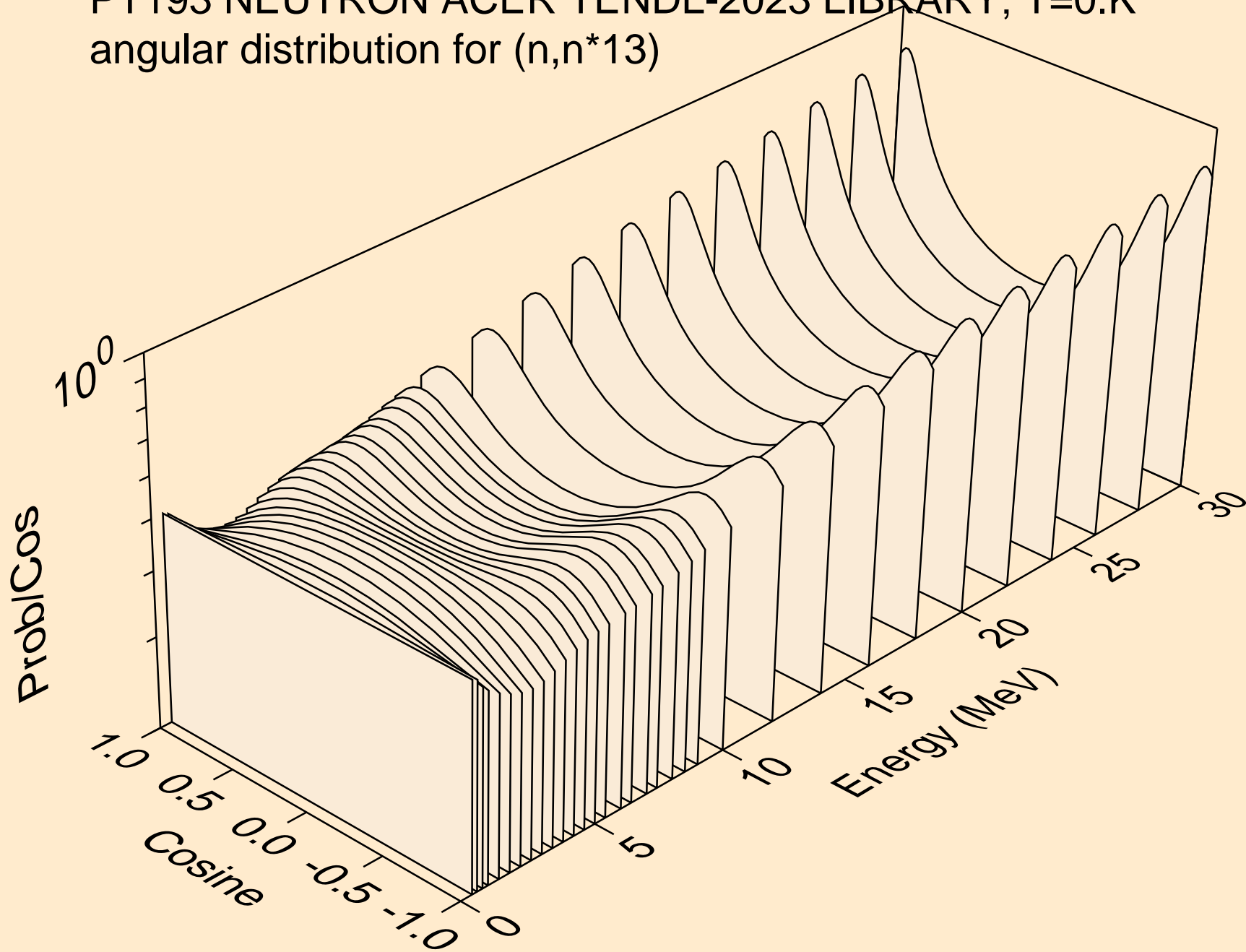
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angular distribution for (n,n\*11)



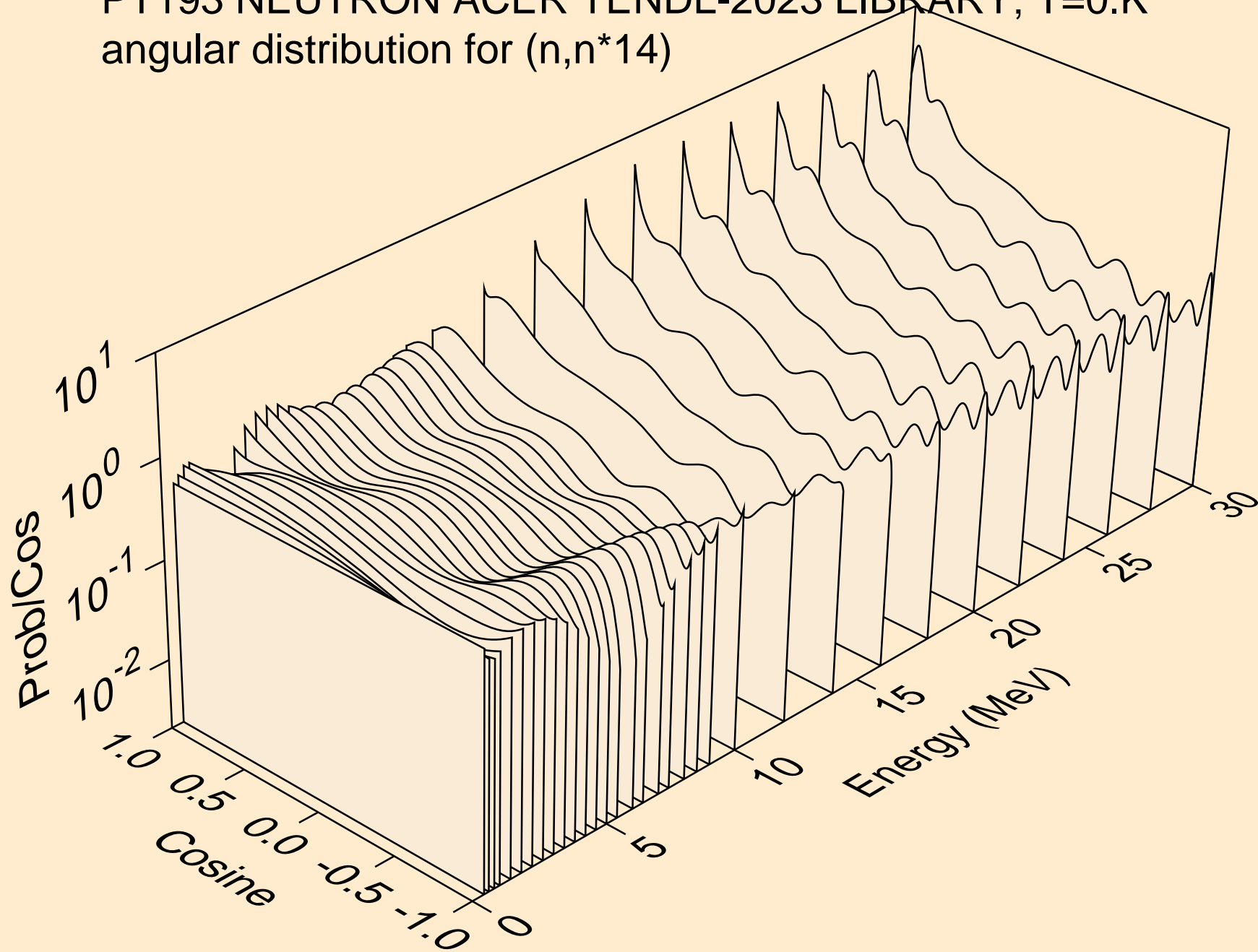
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angular distribution for (n,n\*12)



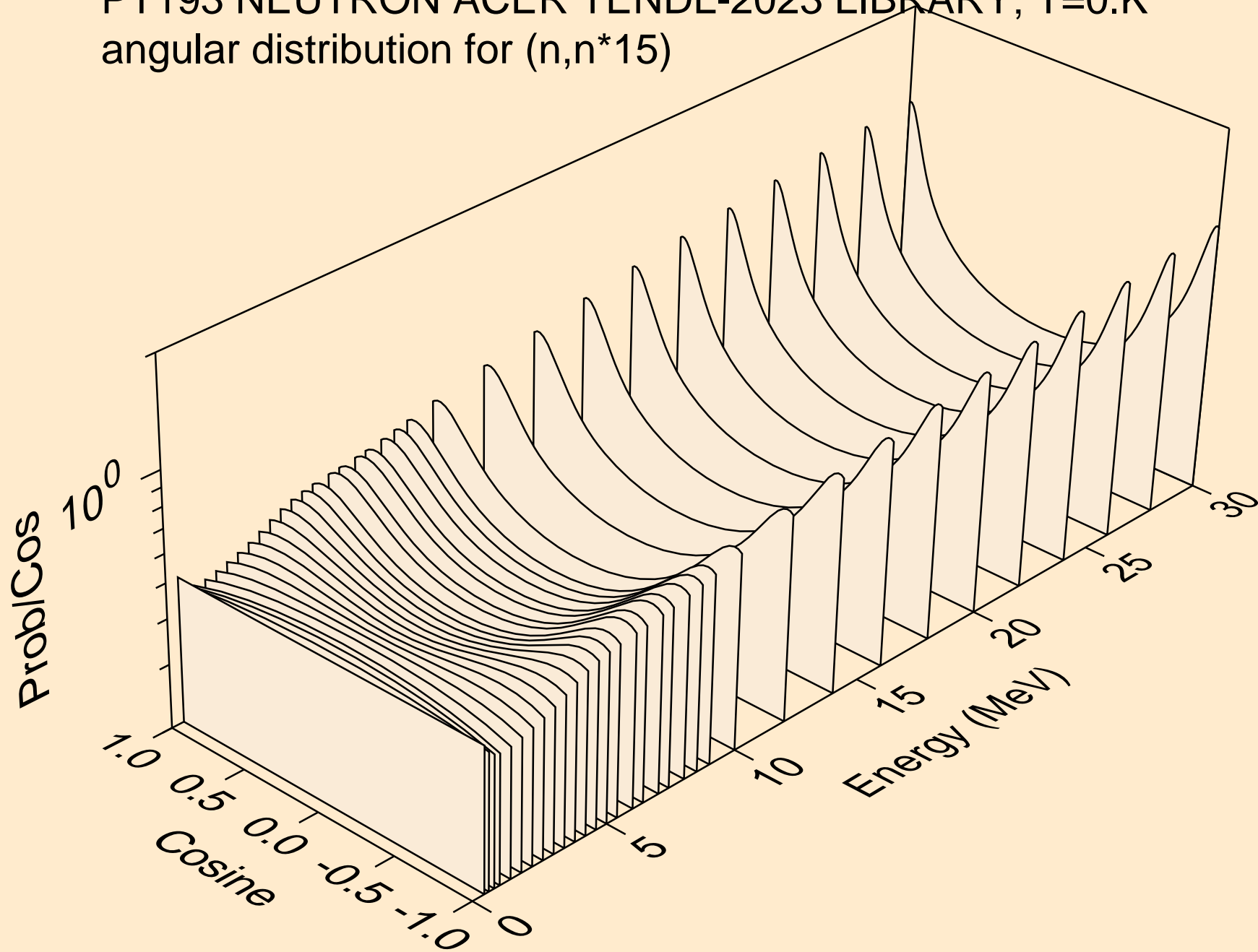
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angular distribution for (n,n\*13)



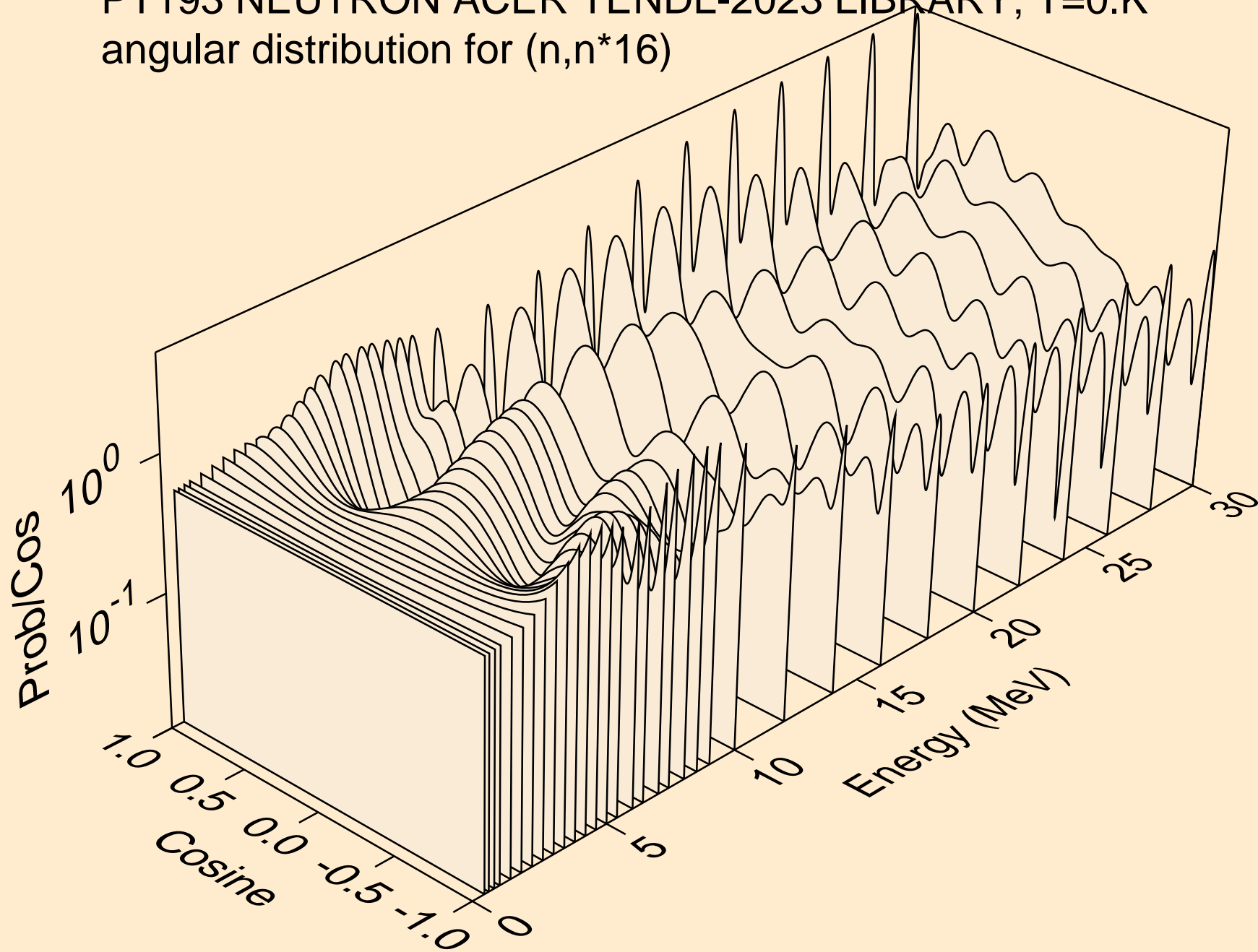
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angular distribution for (n,n\*14)



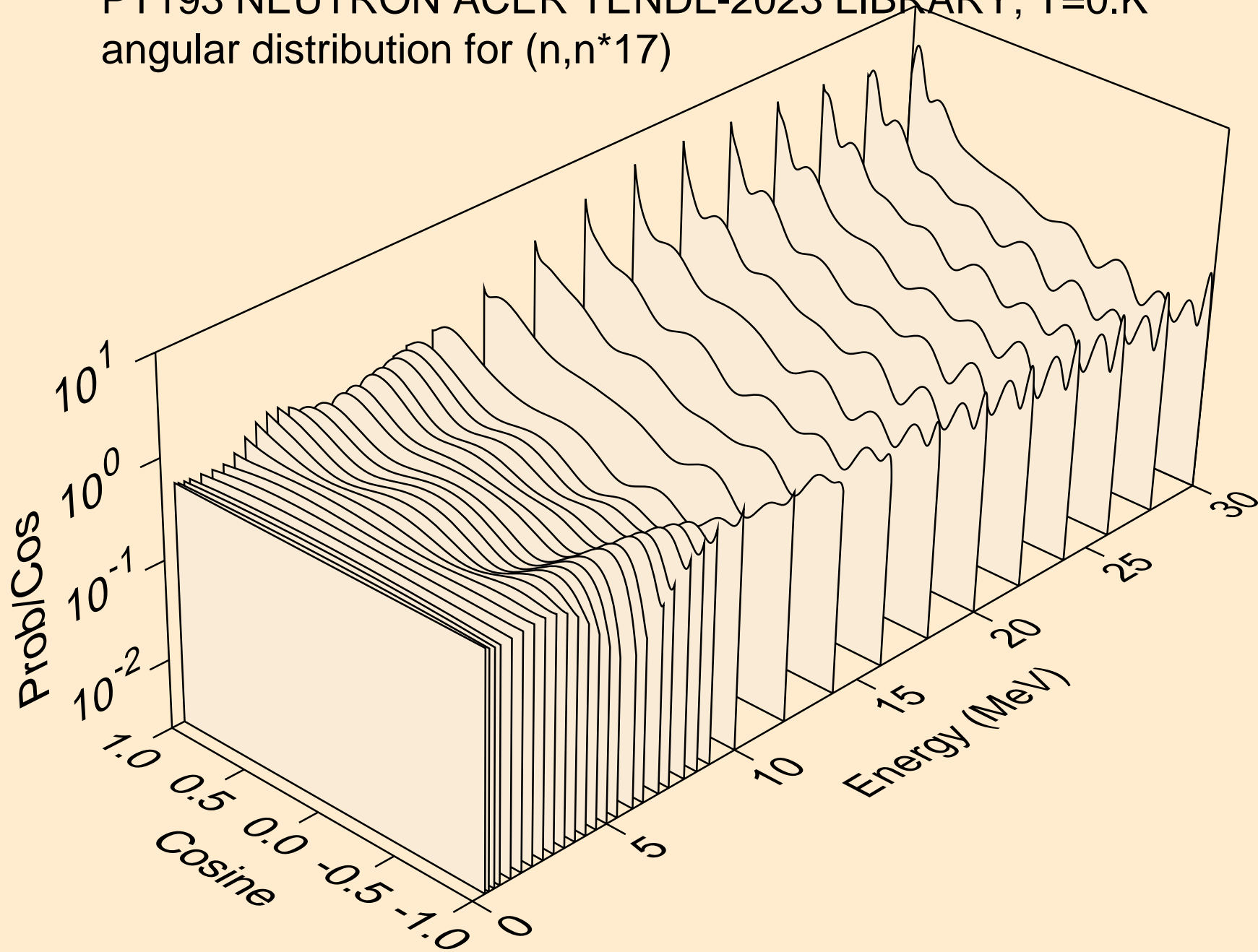
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angular distribution for (n,n\*15)



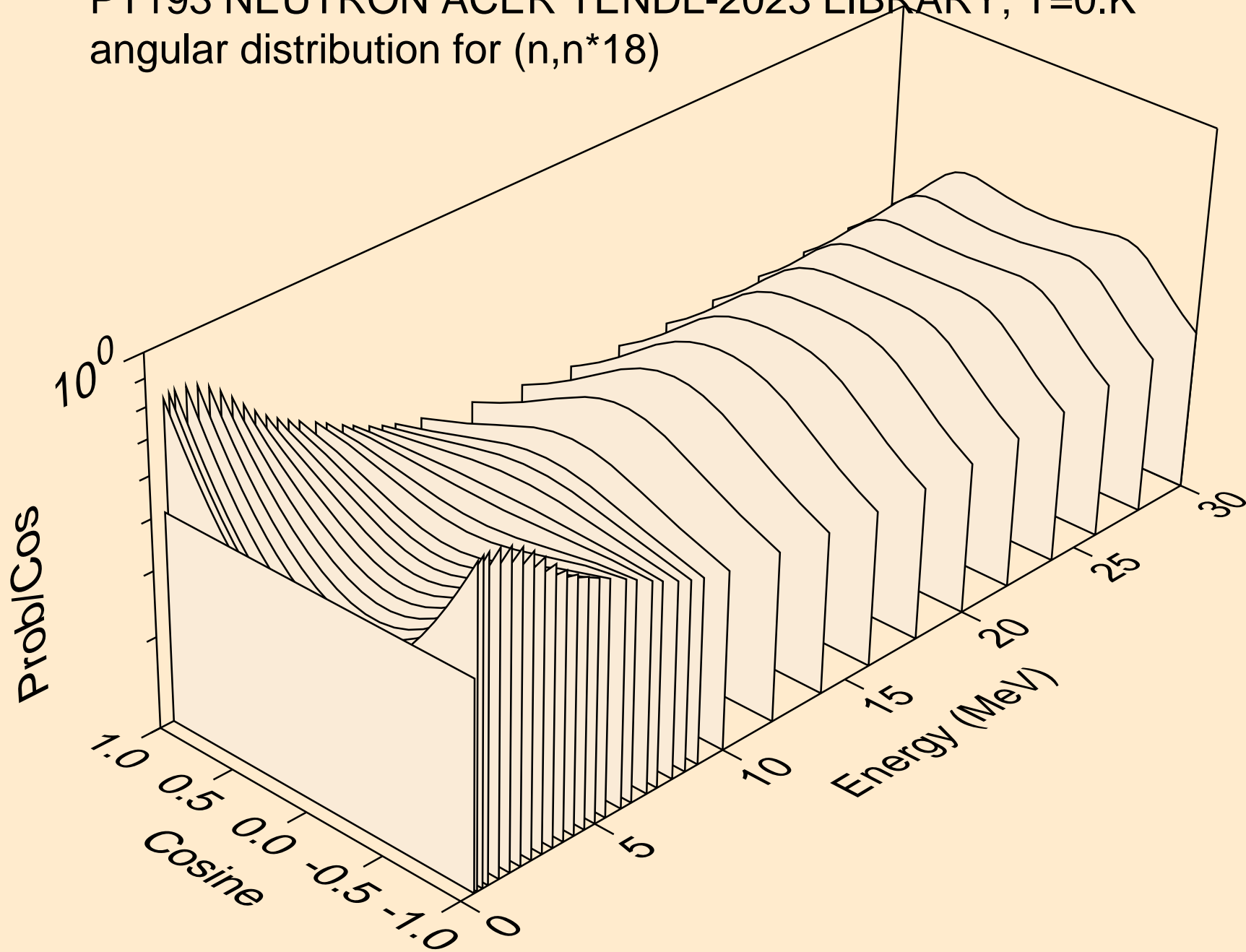
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

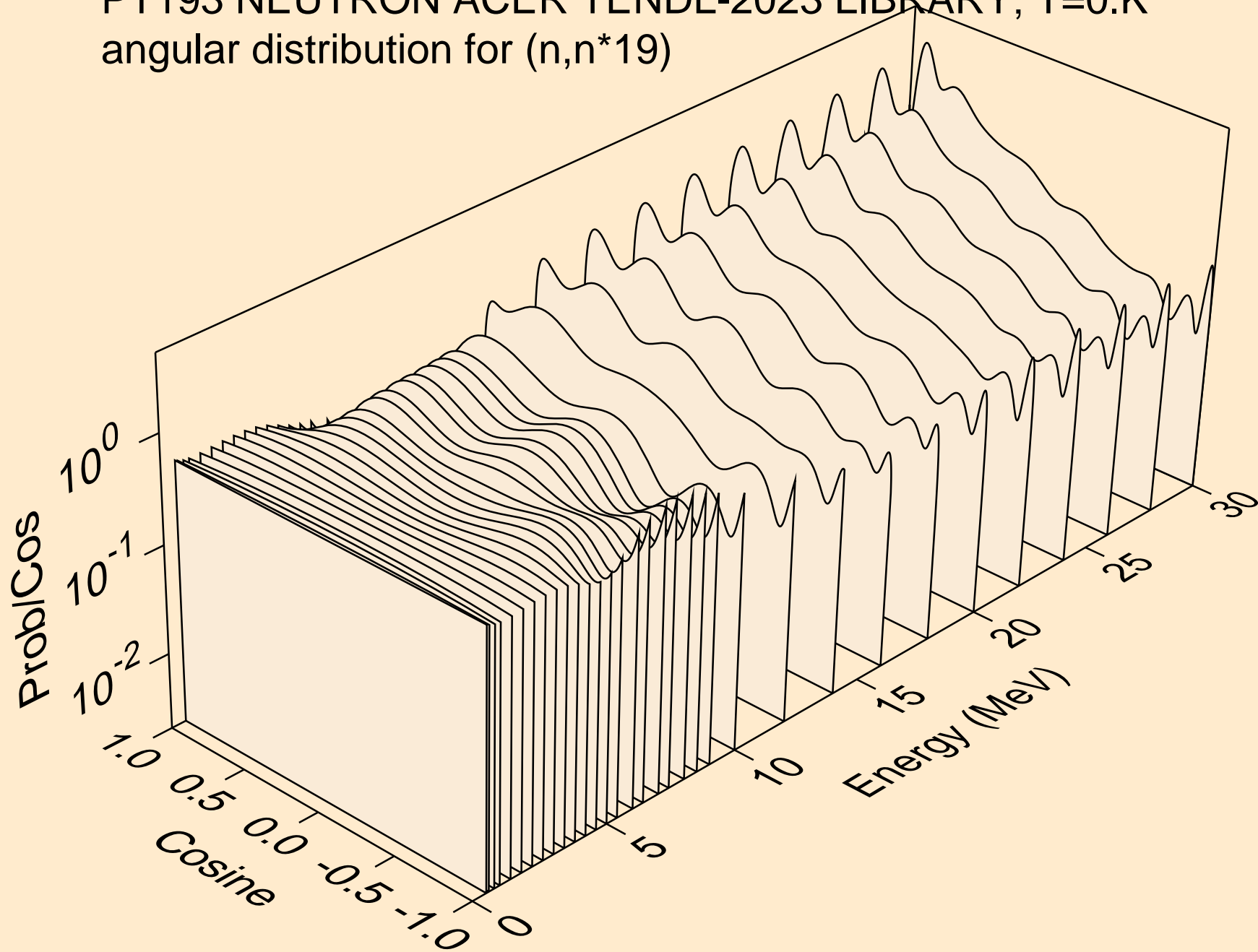


PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

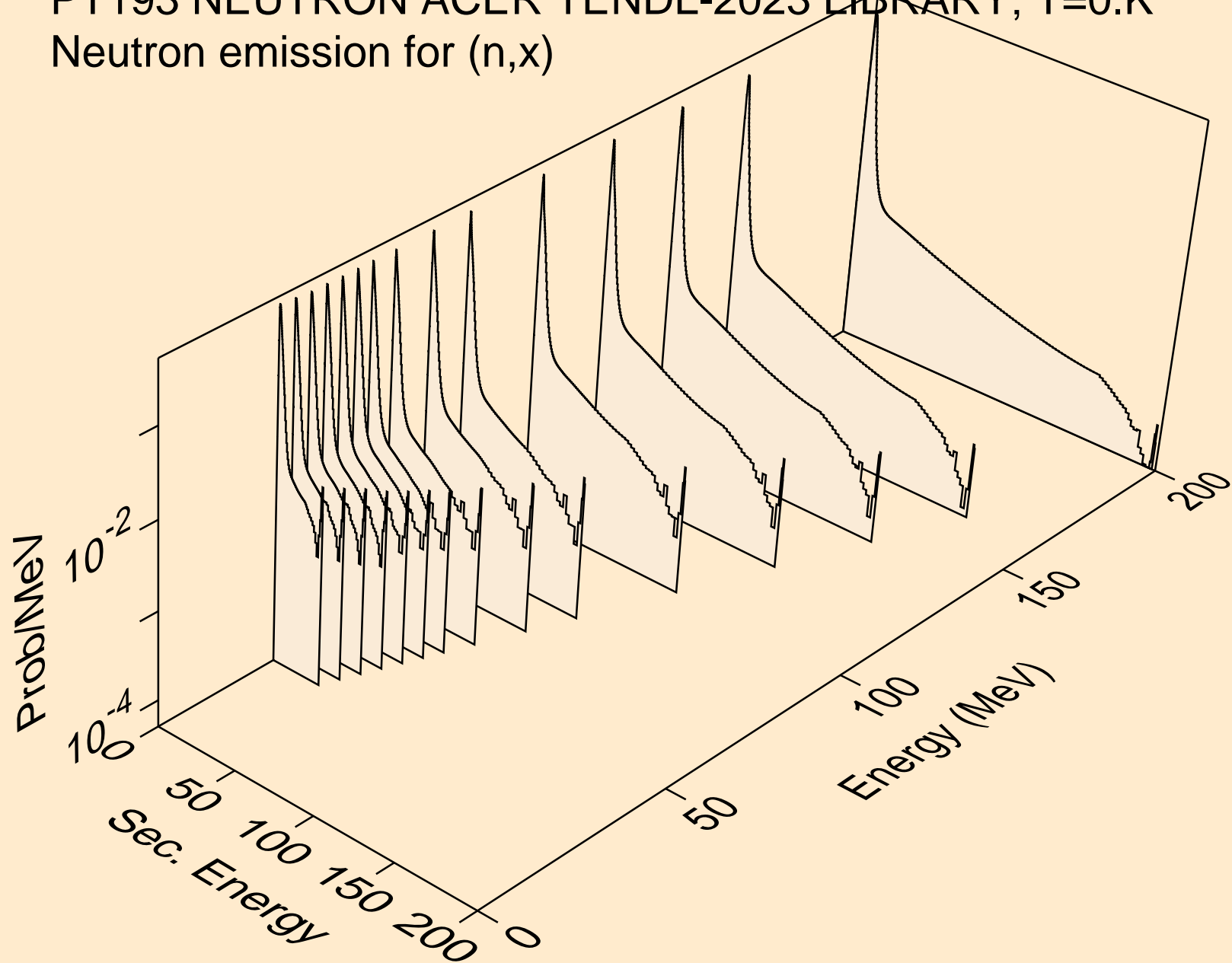




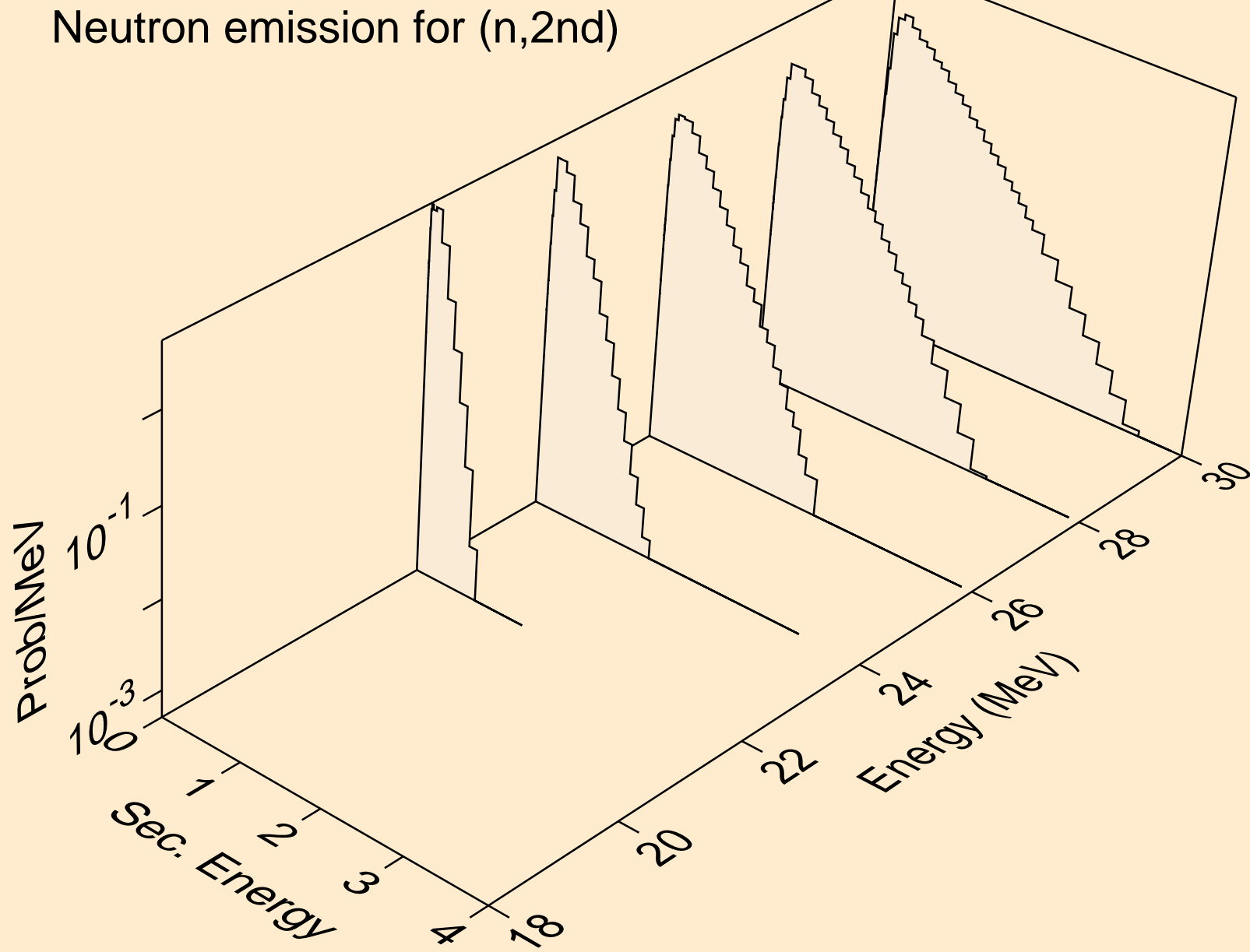
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angular distribution for (n,n\*19)



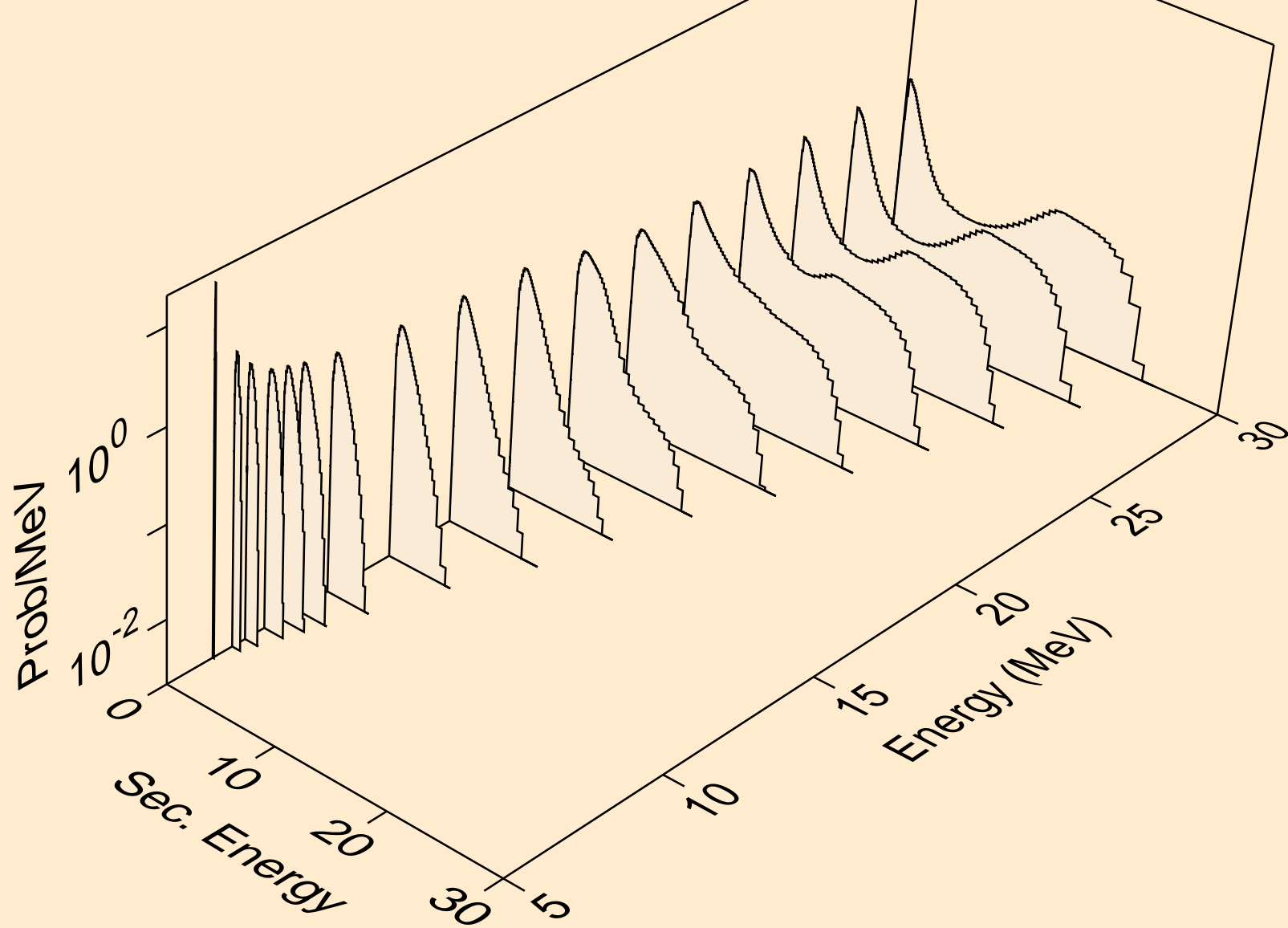
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



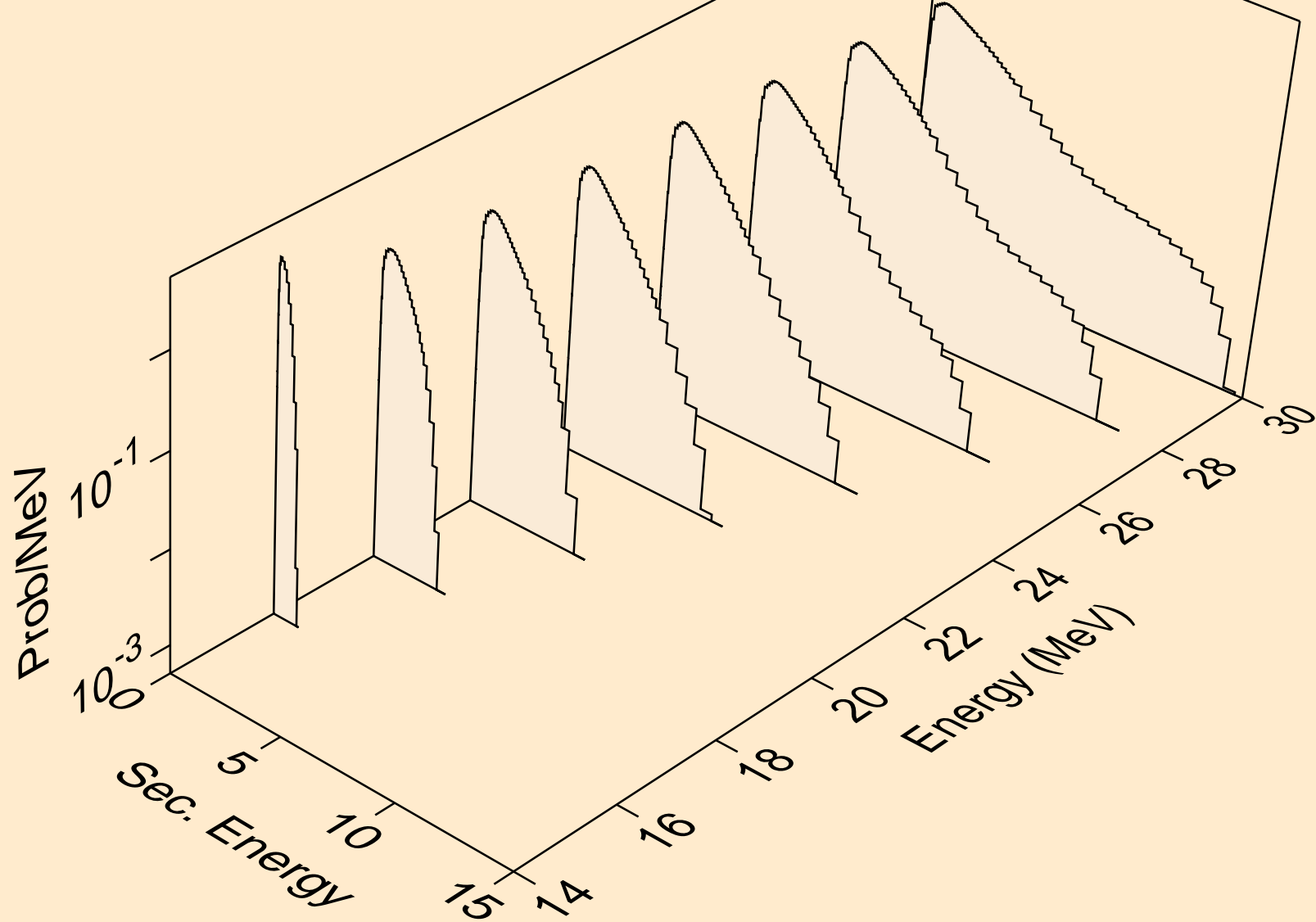
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



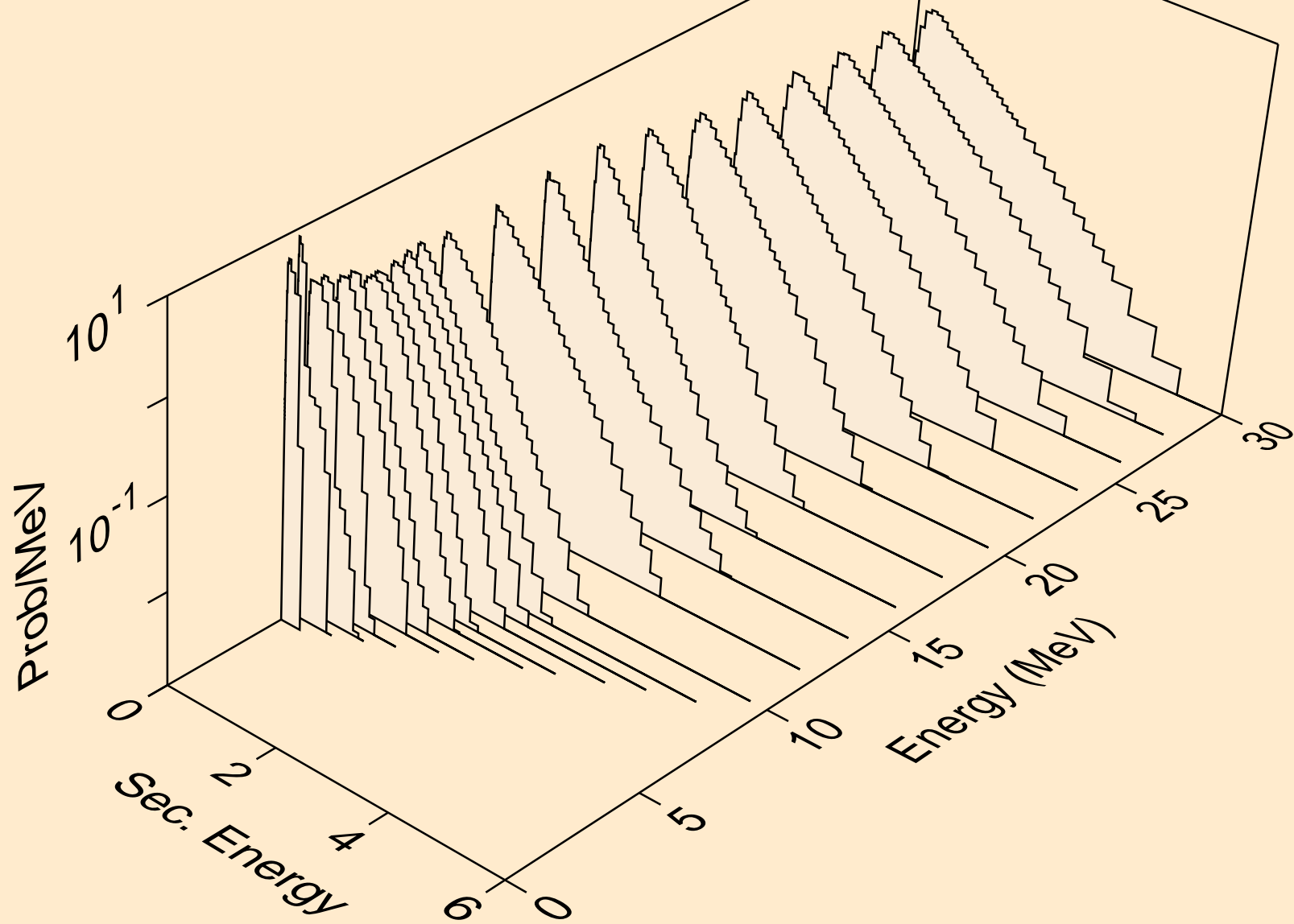
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



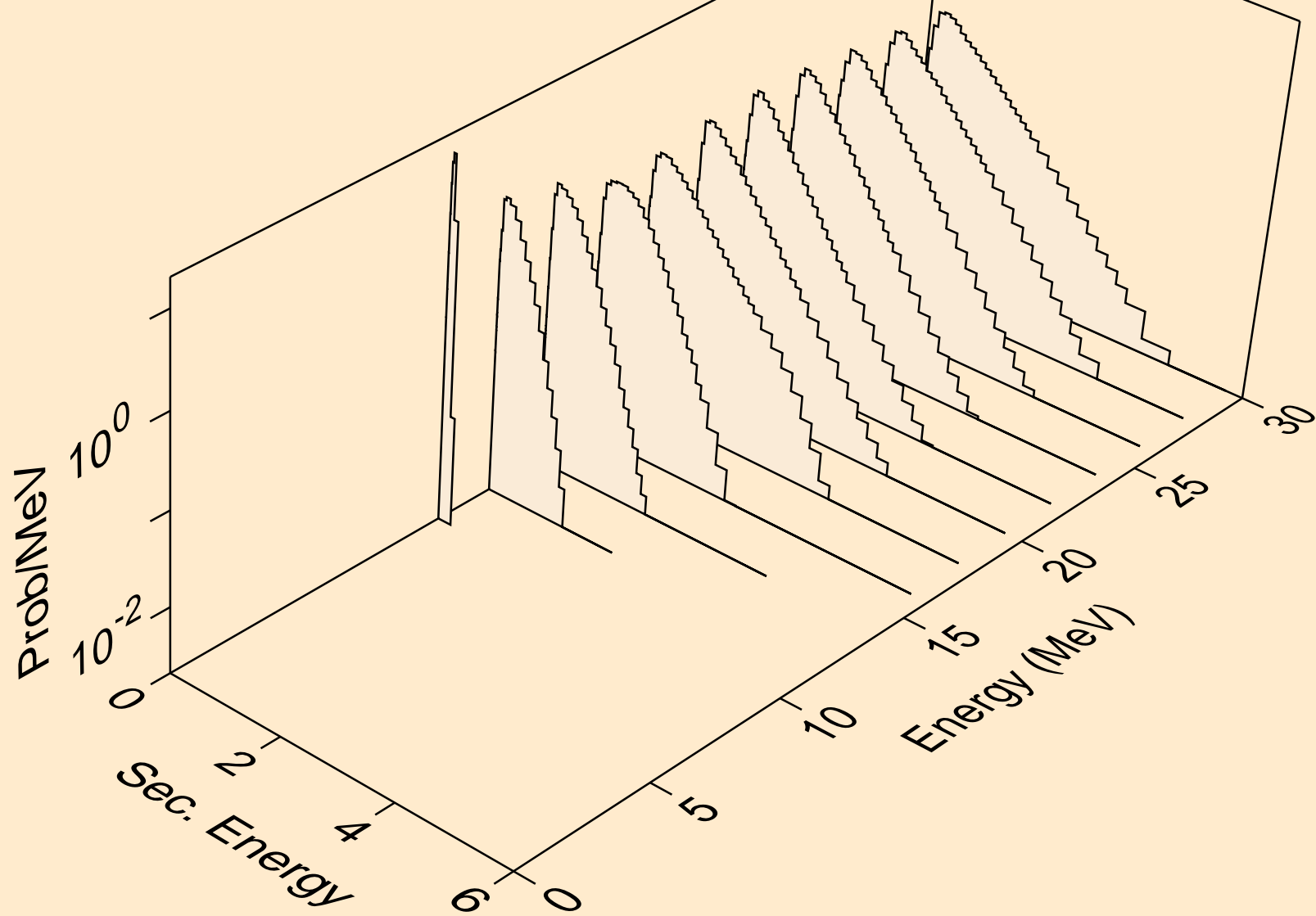
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



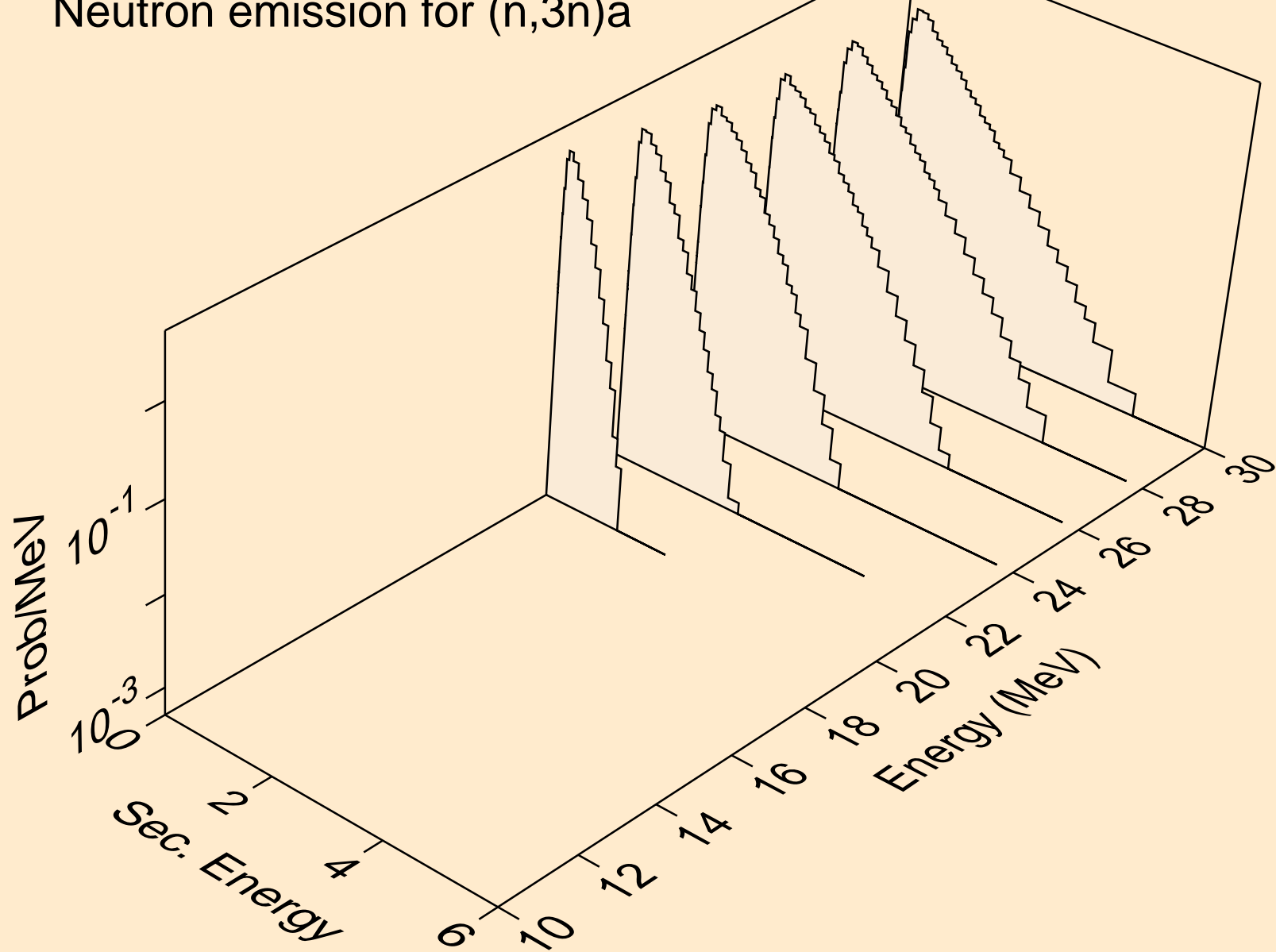
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

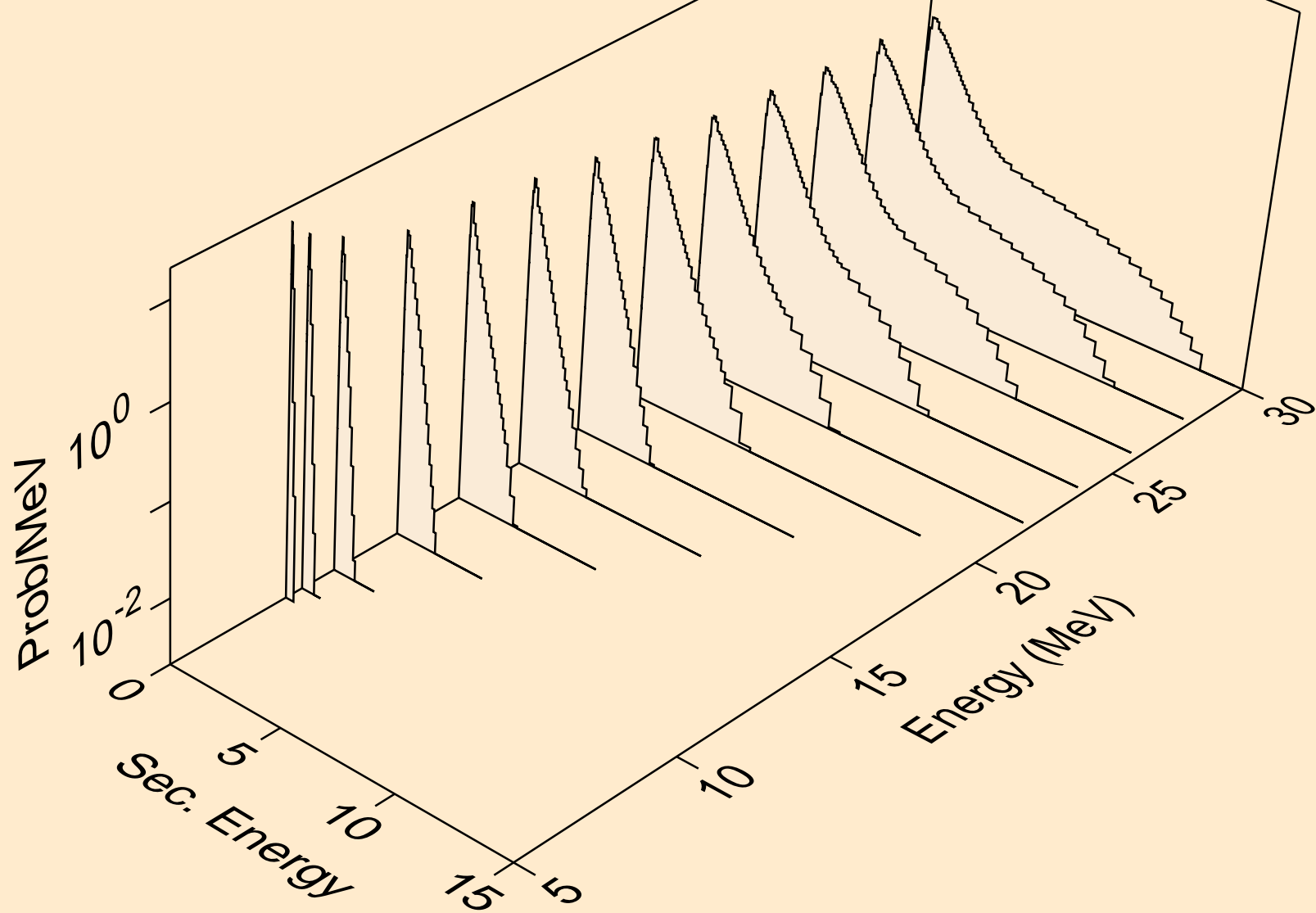


PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

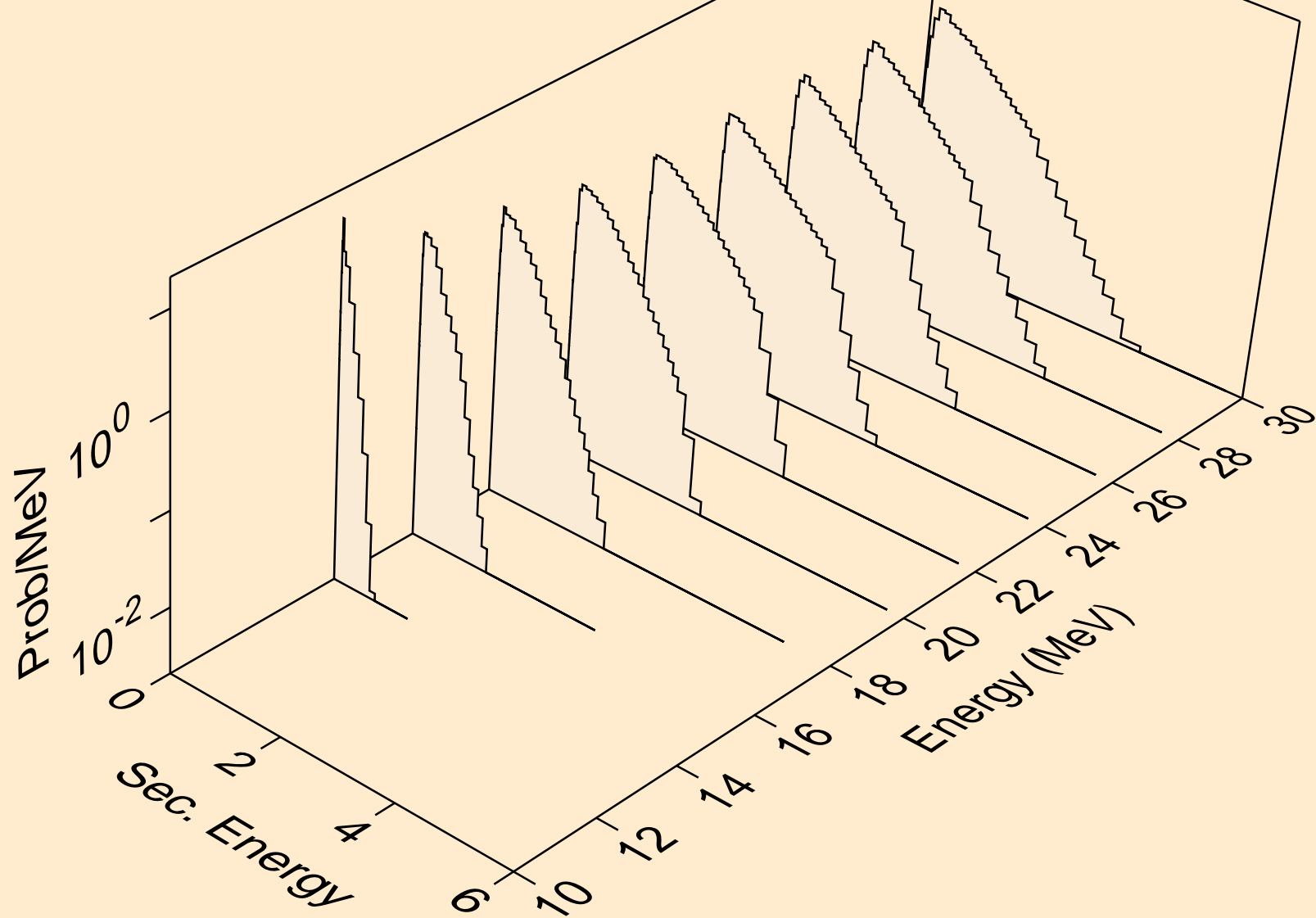




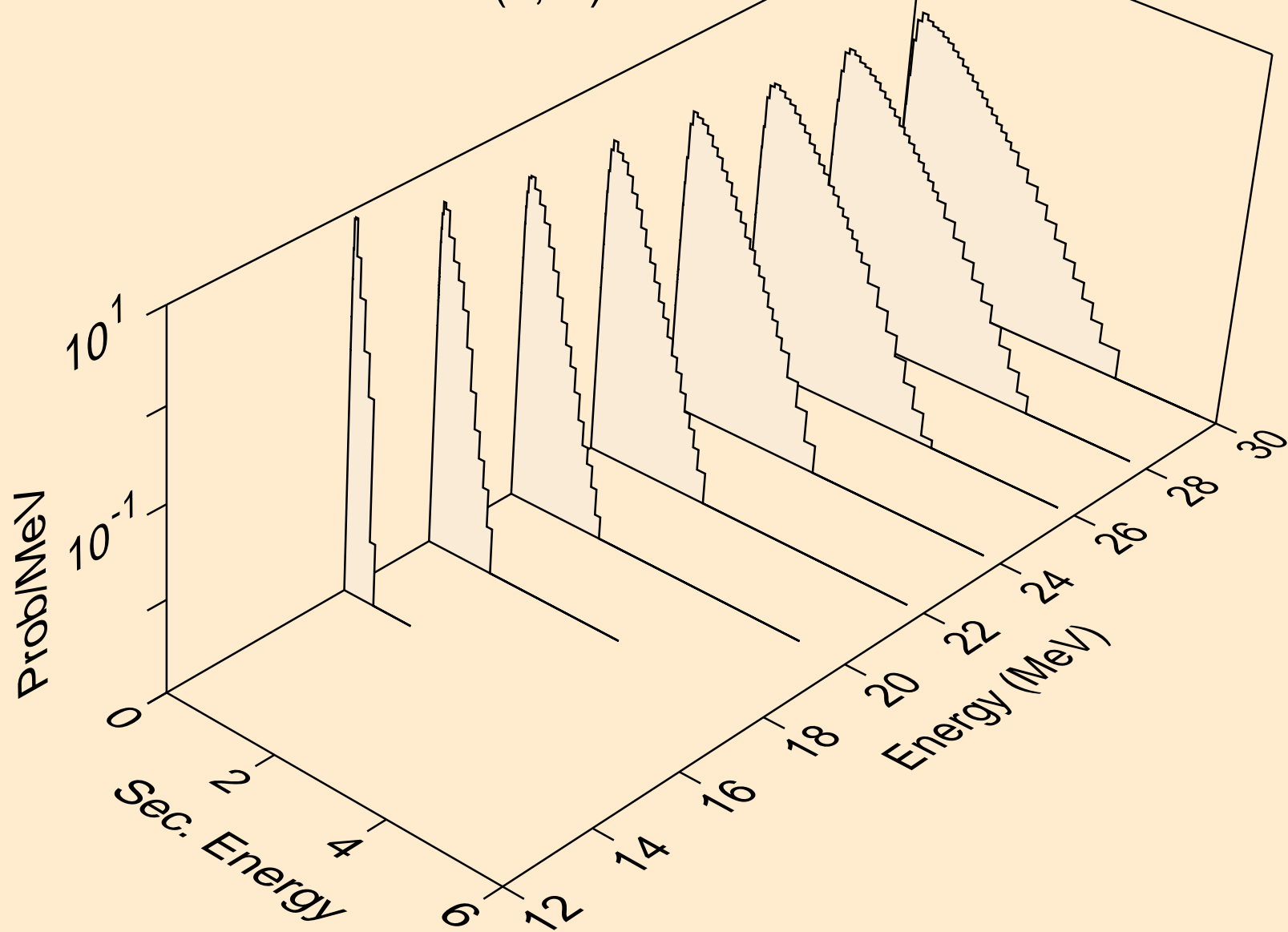
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



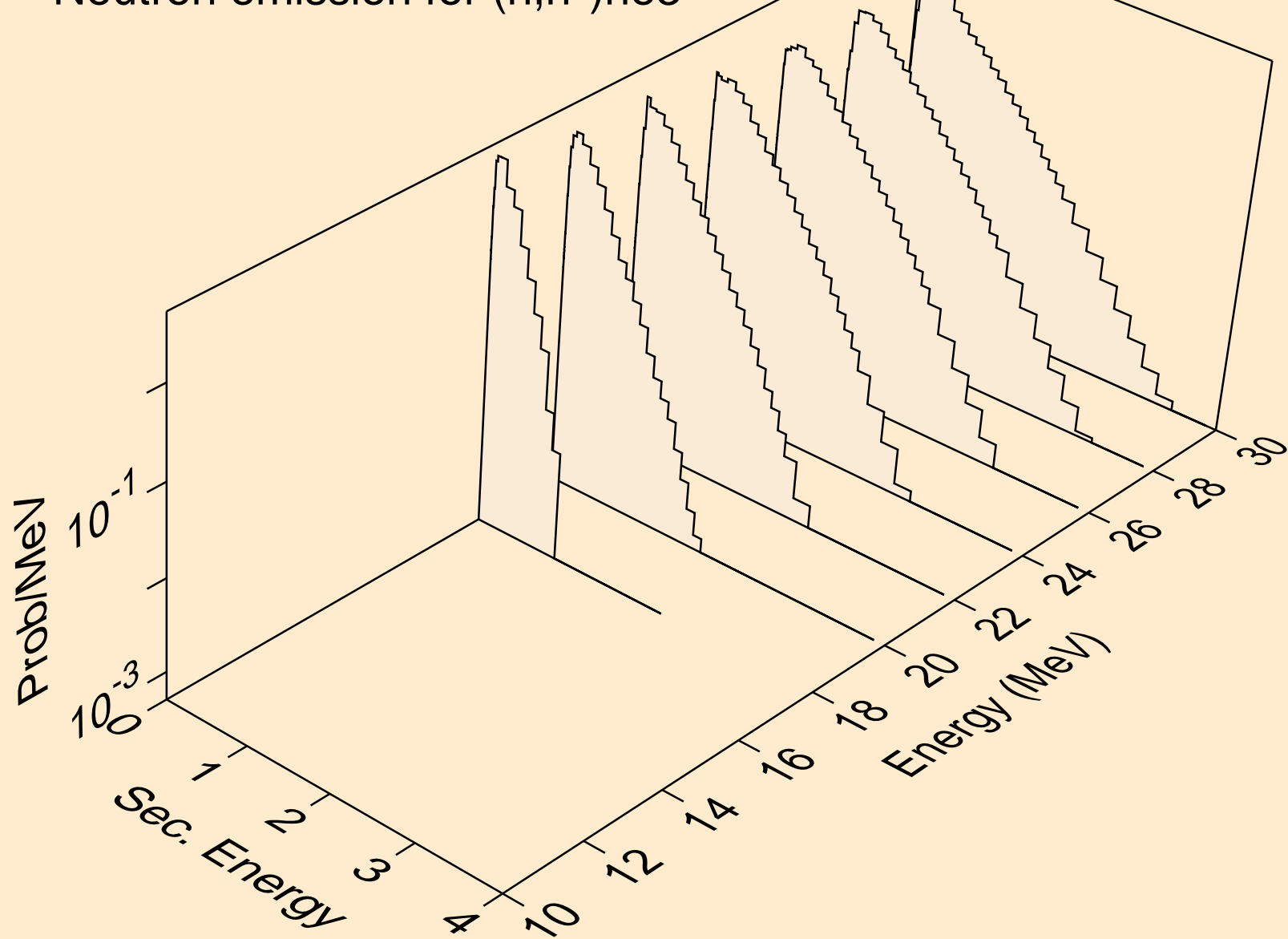
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



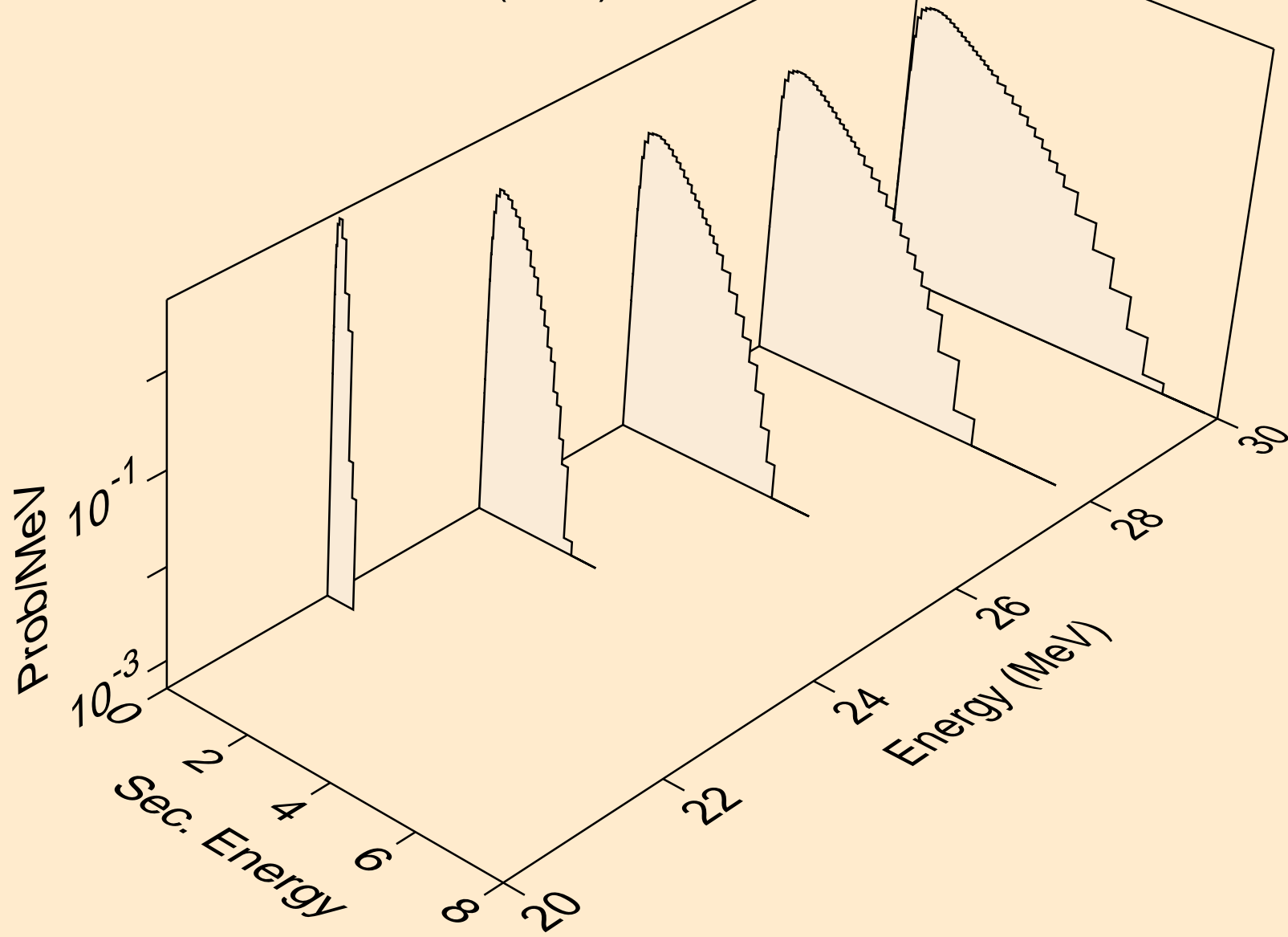
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



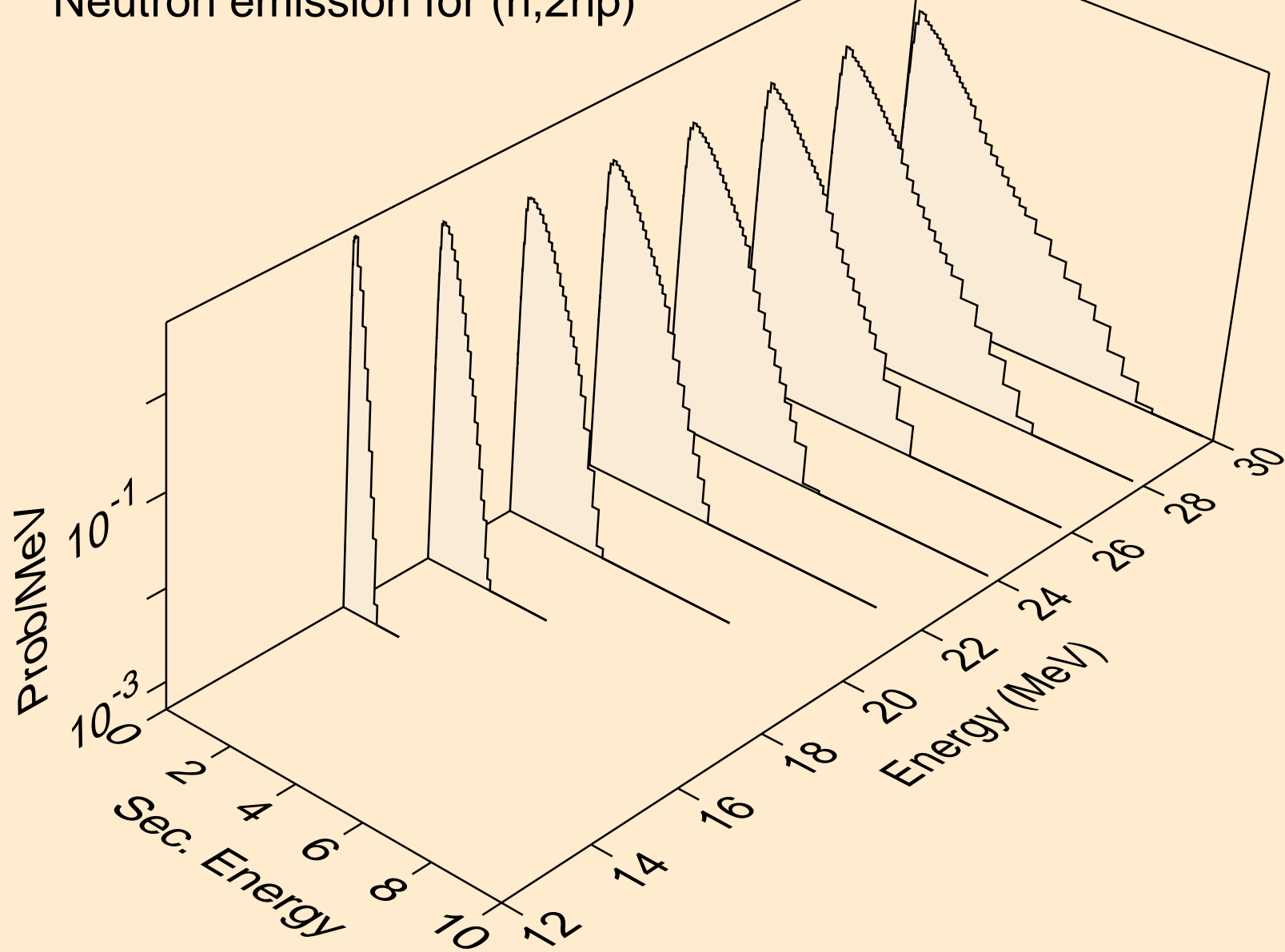
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



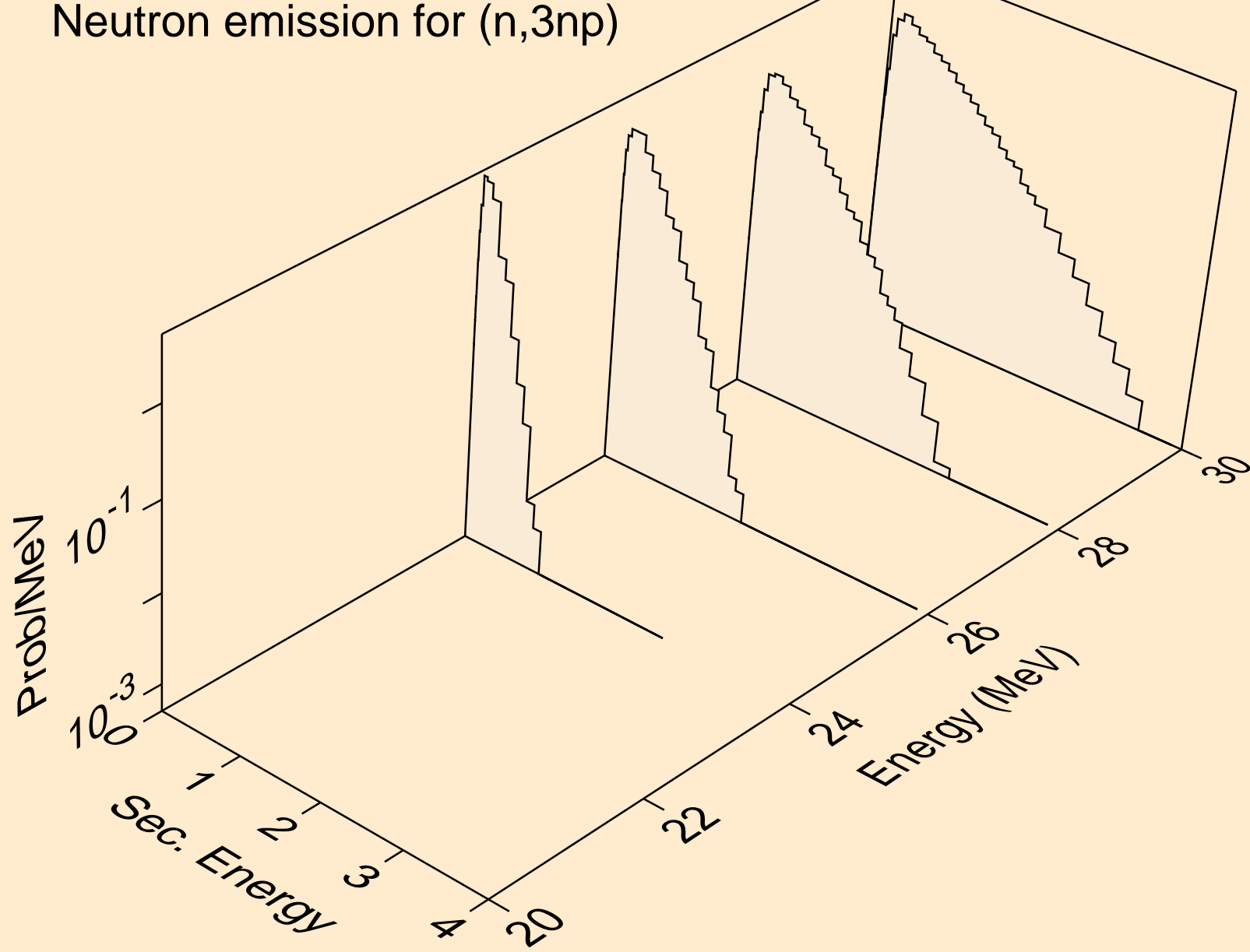
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



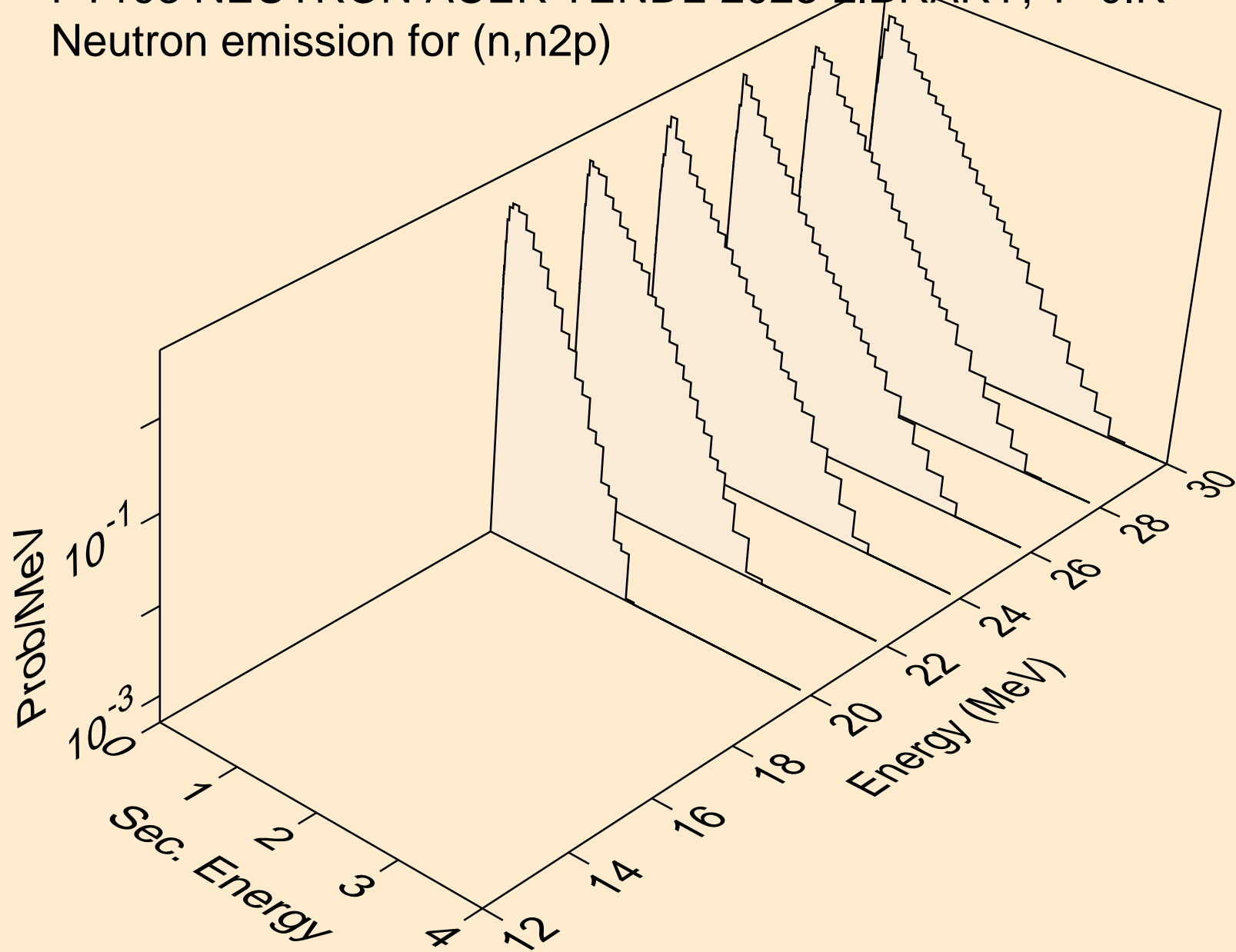
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

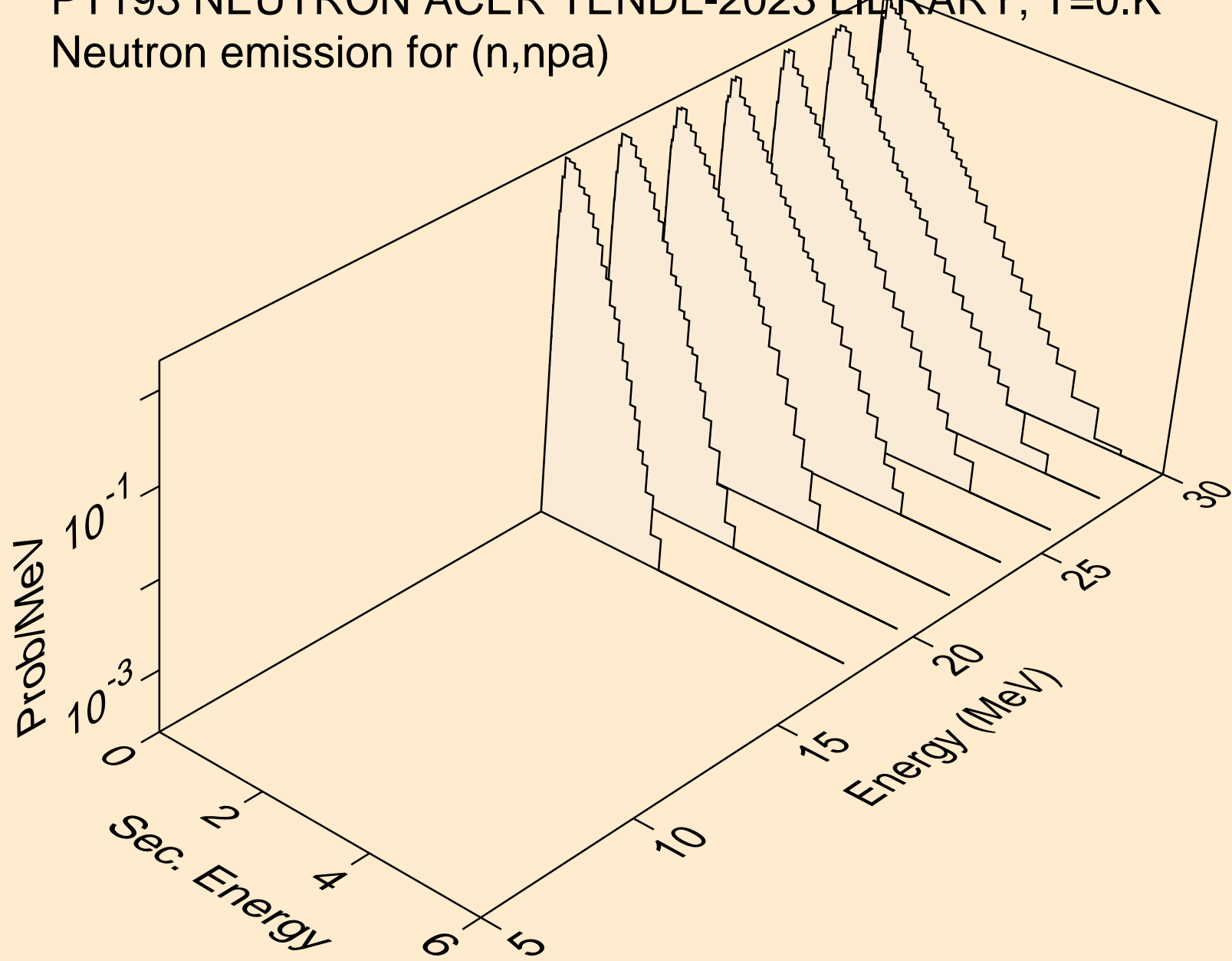


PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

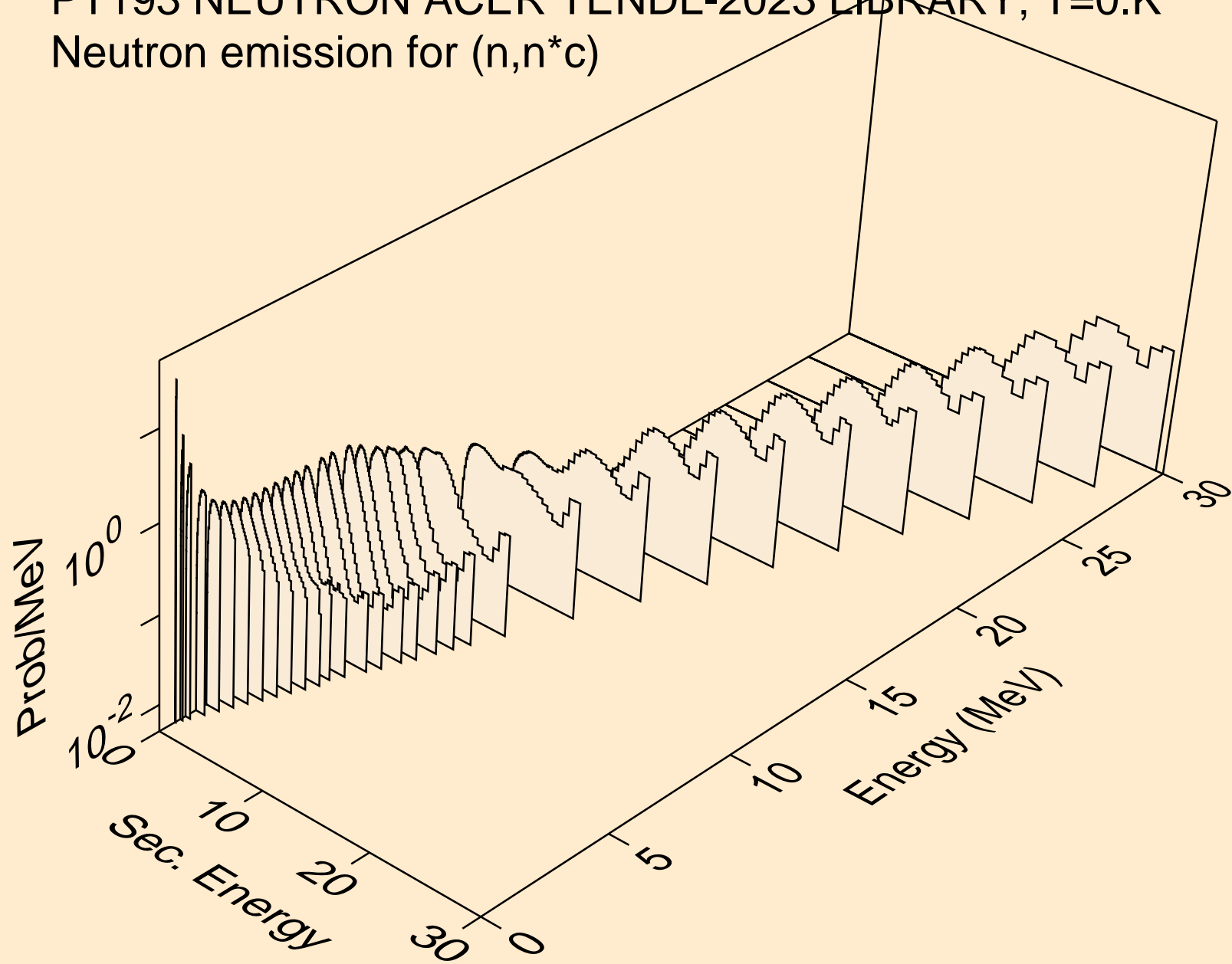




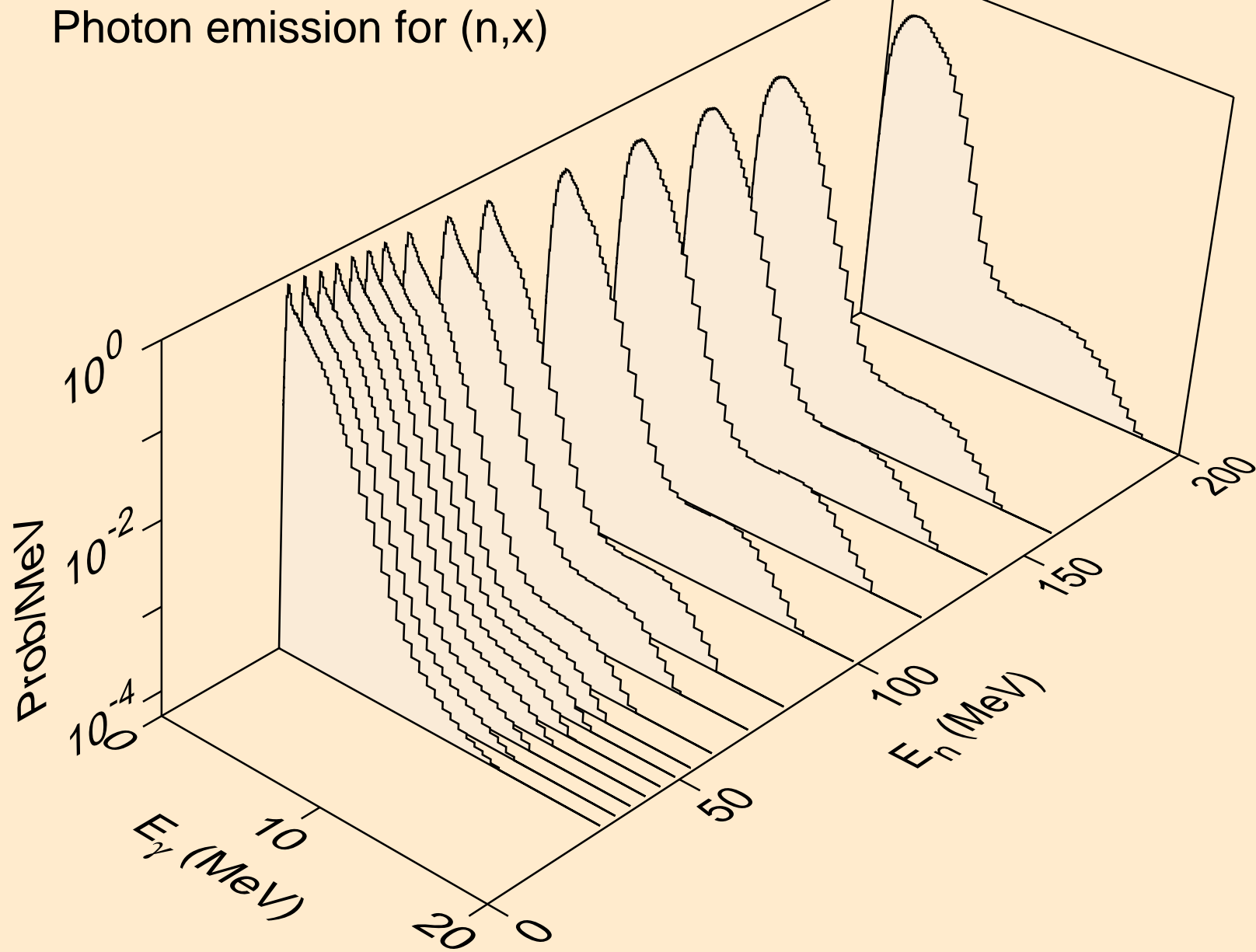
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



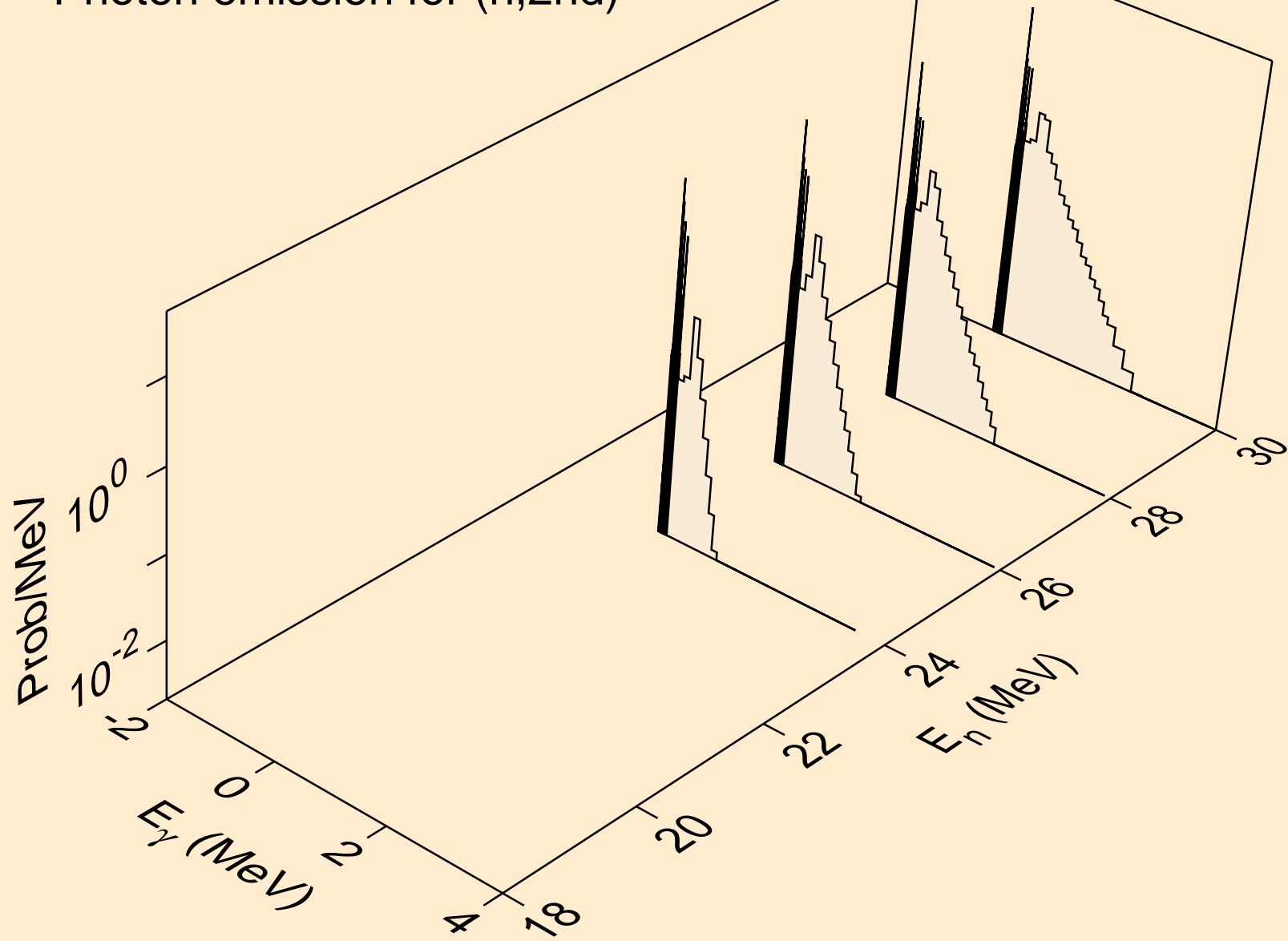
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



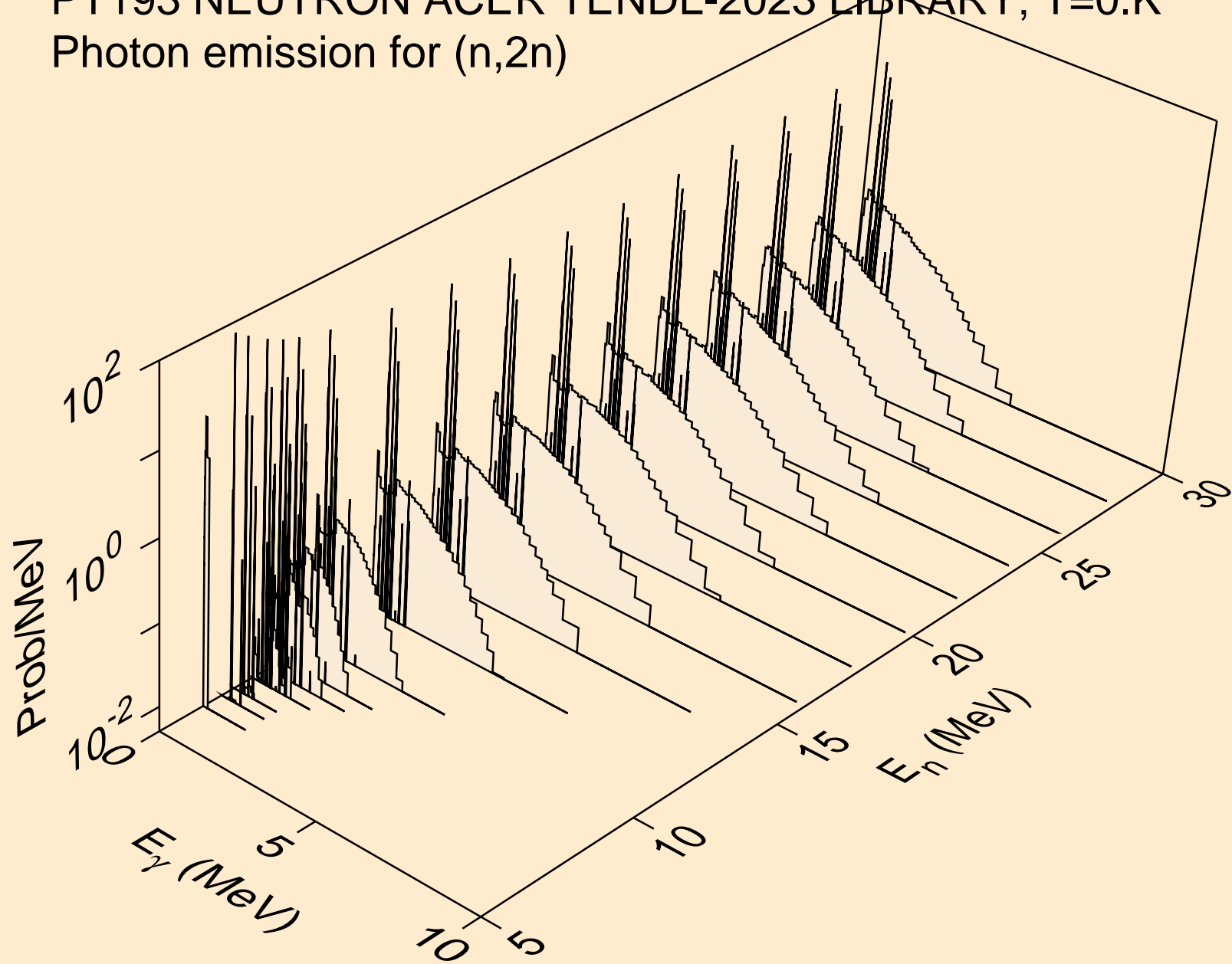
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



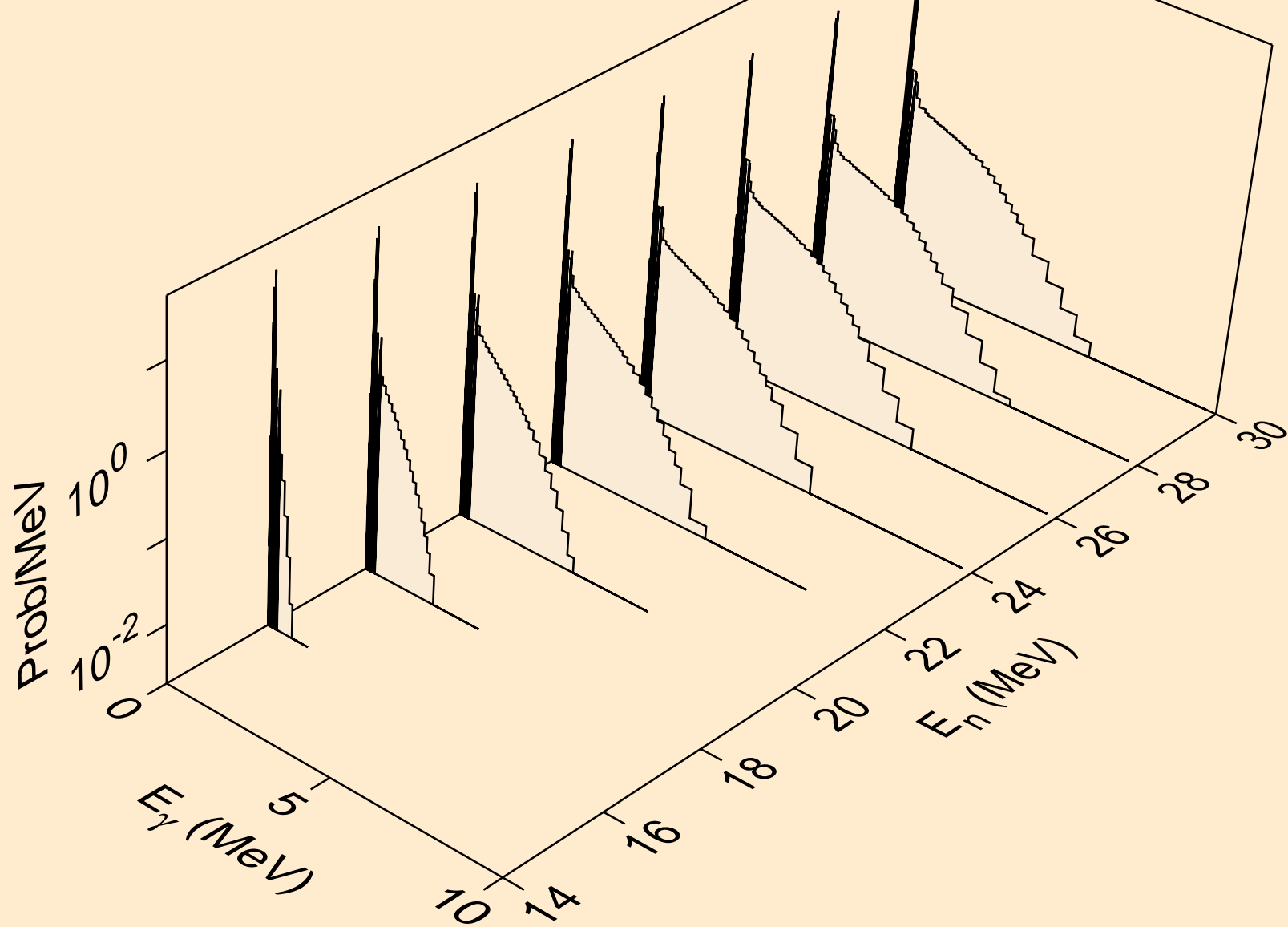
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



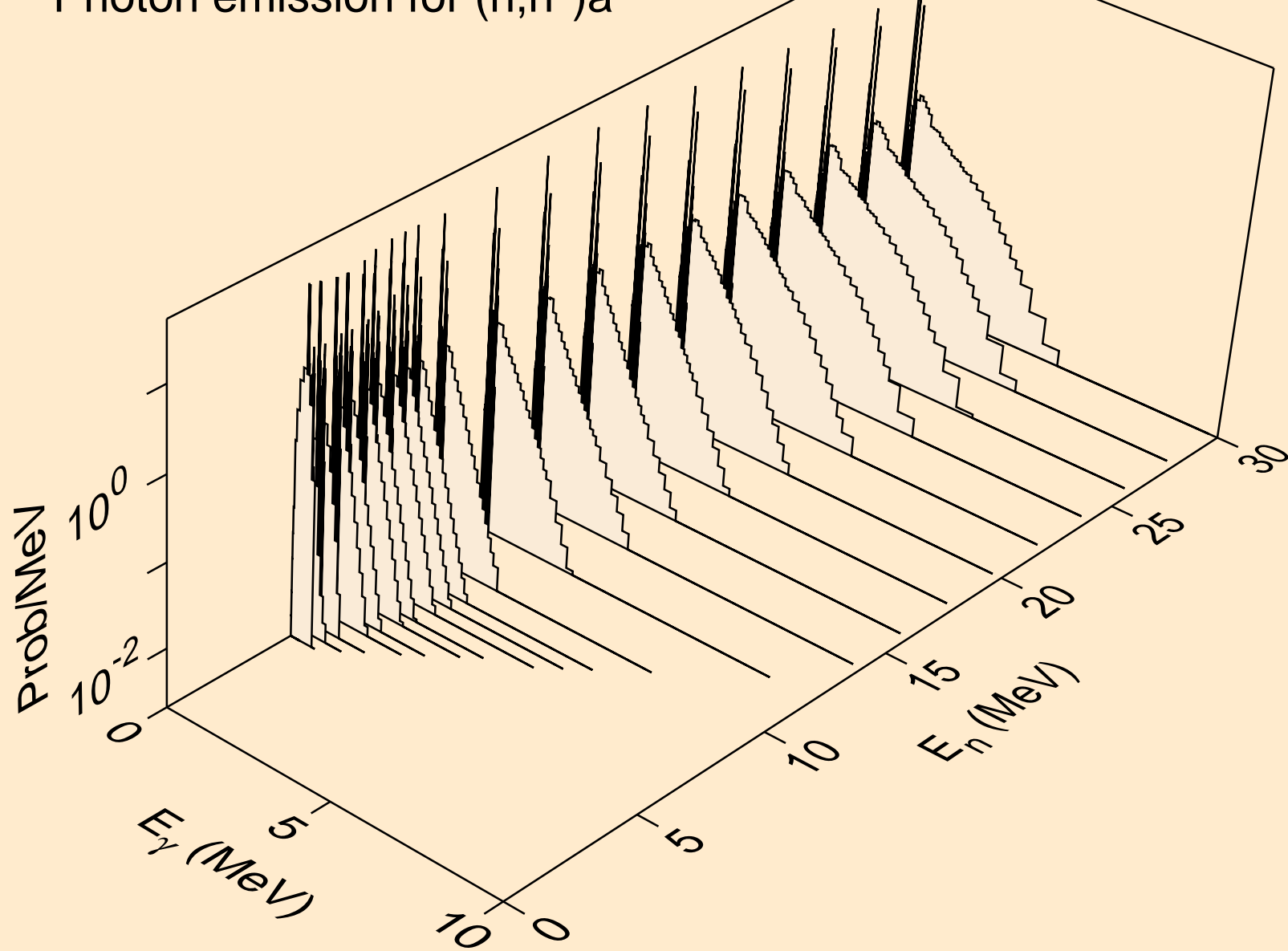
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



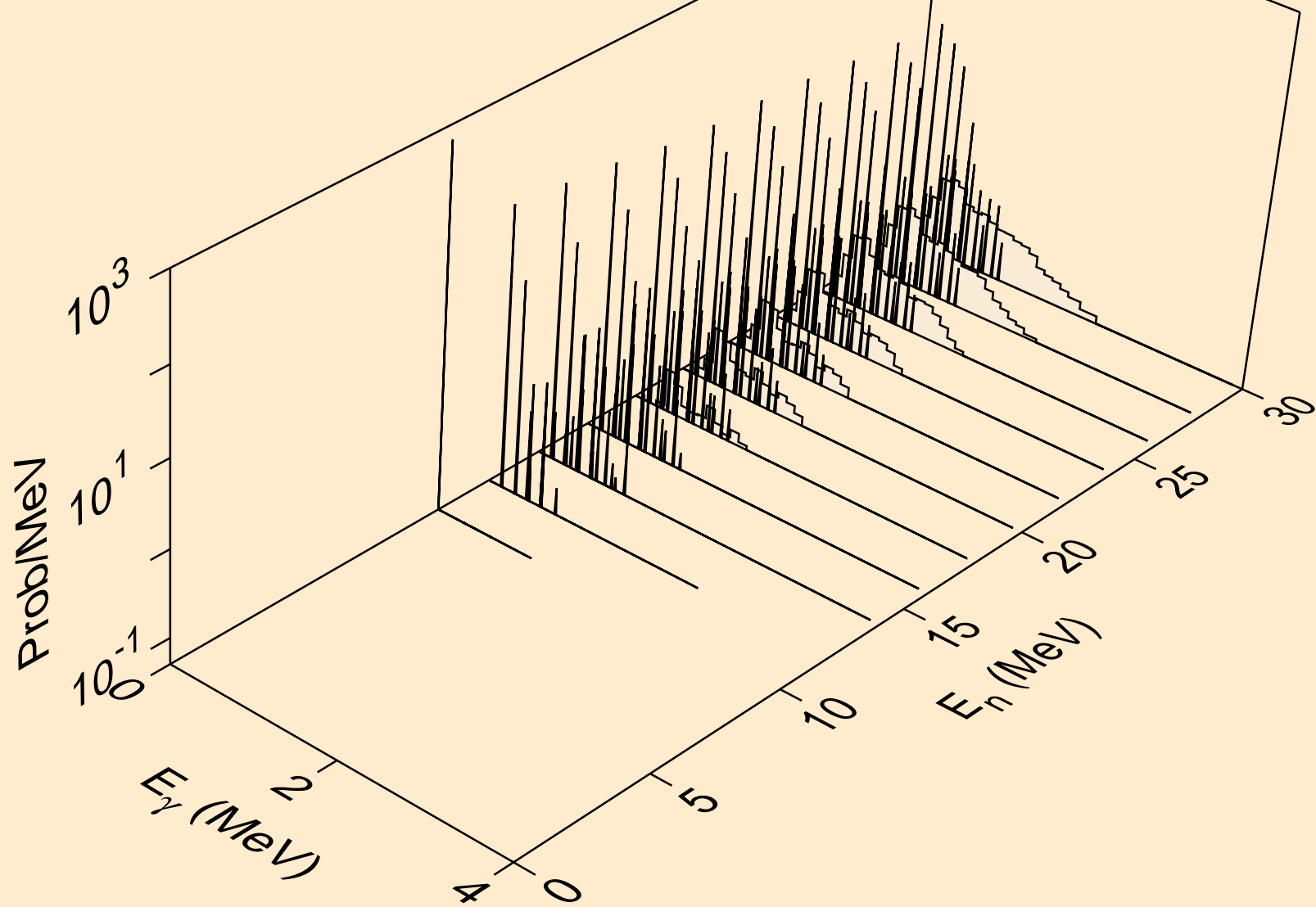
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

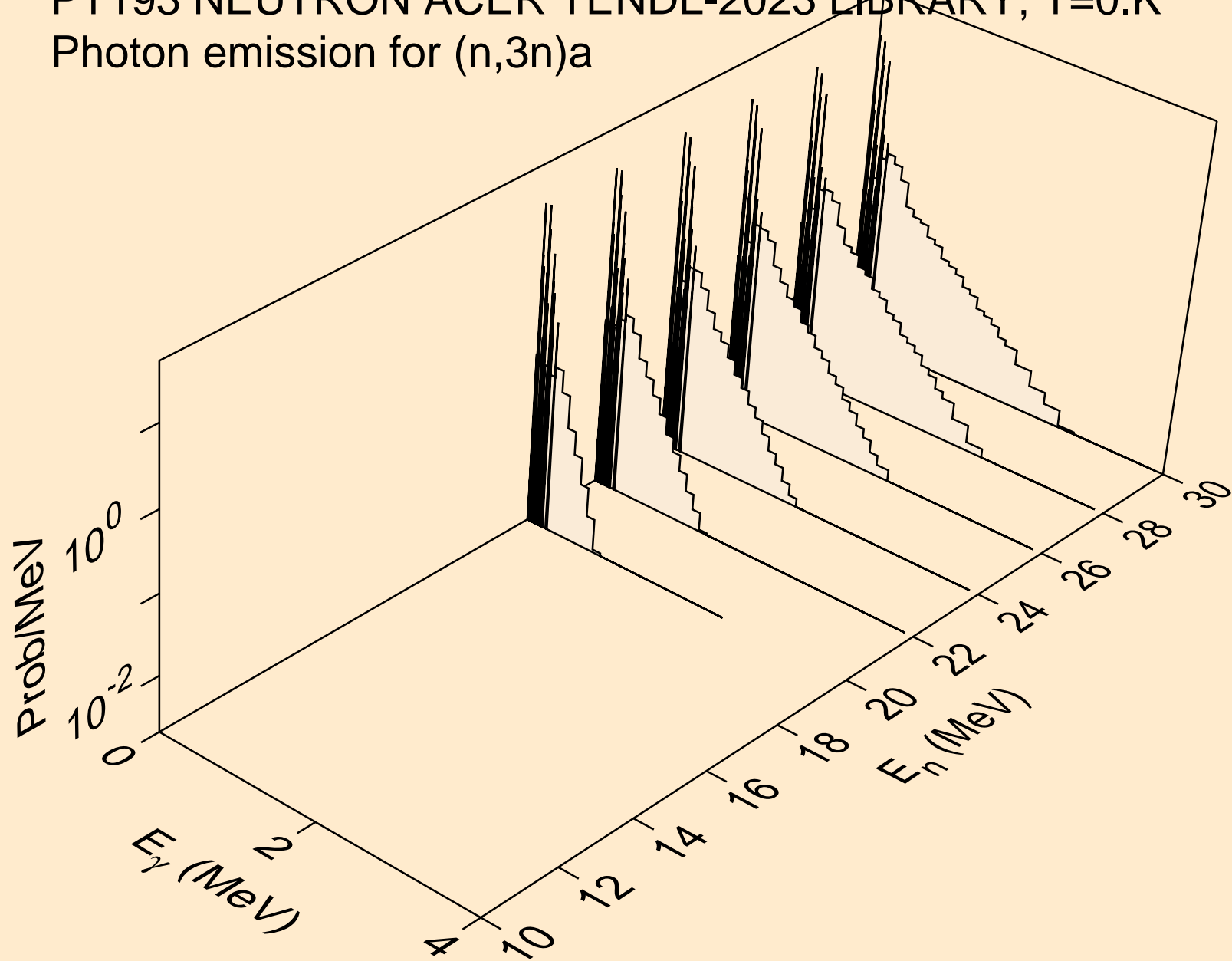


PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

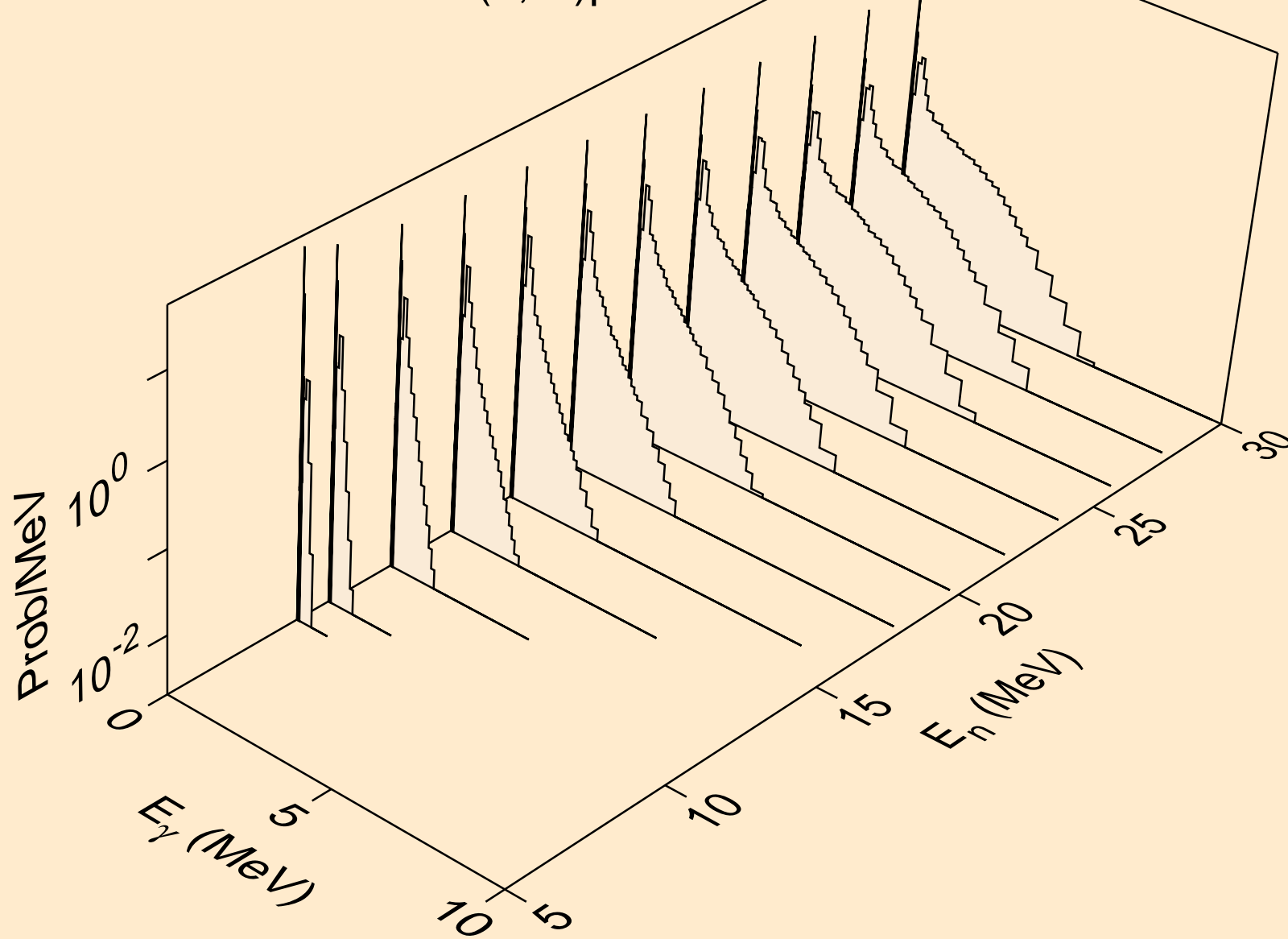




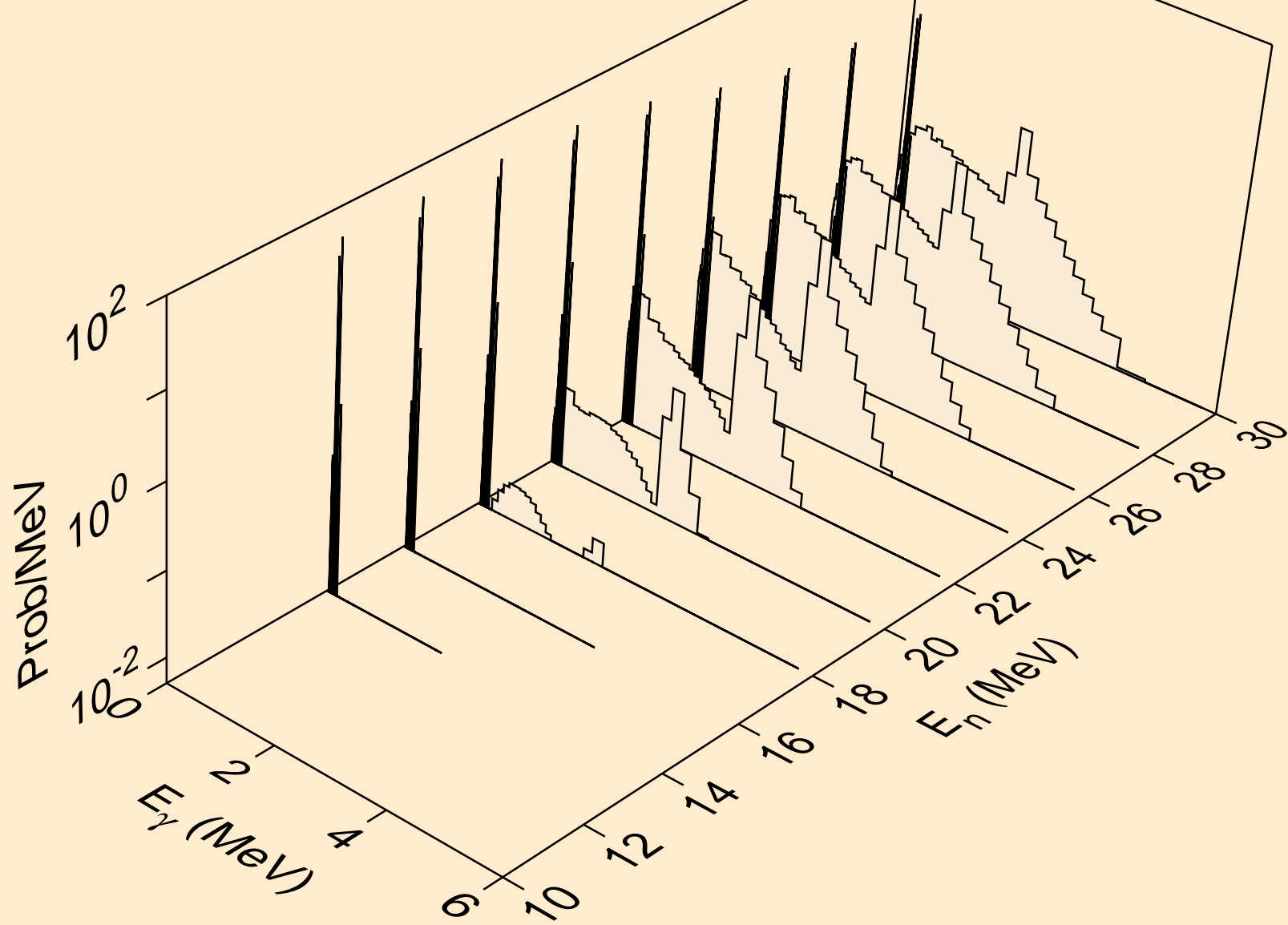
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



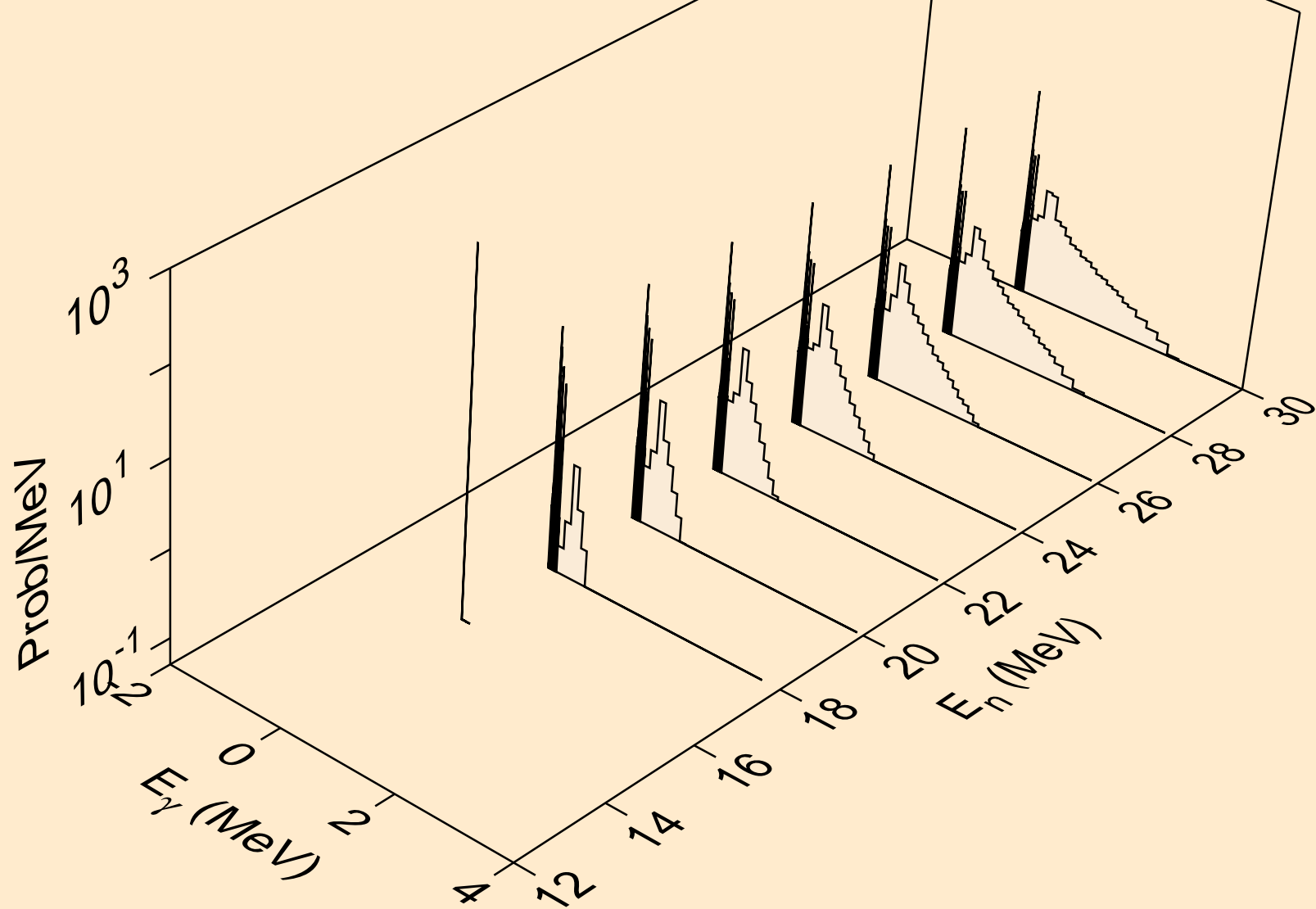
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



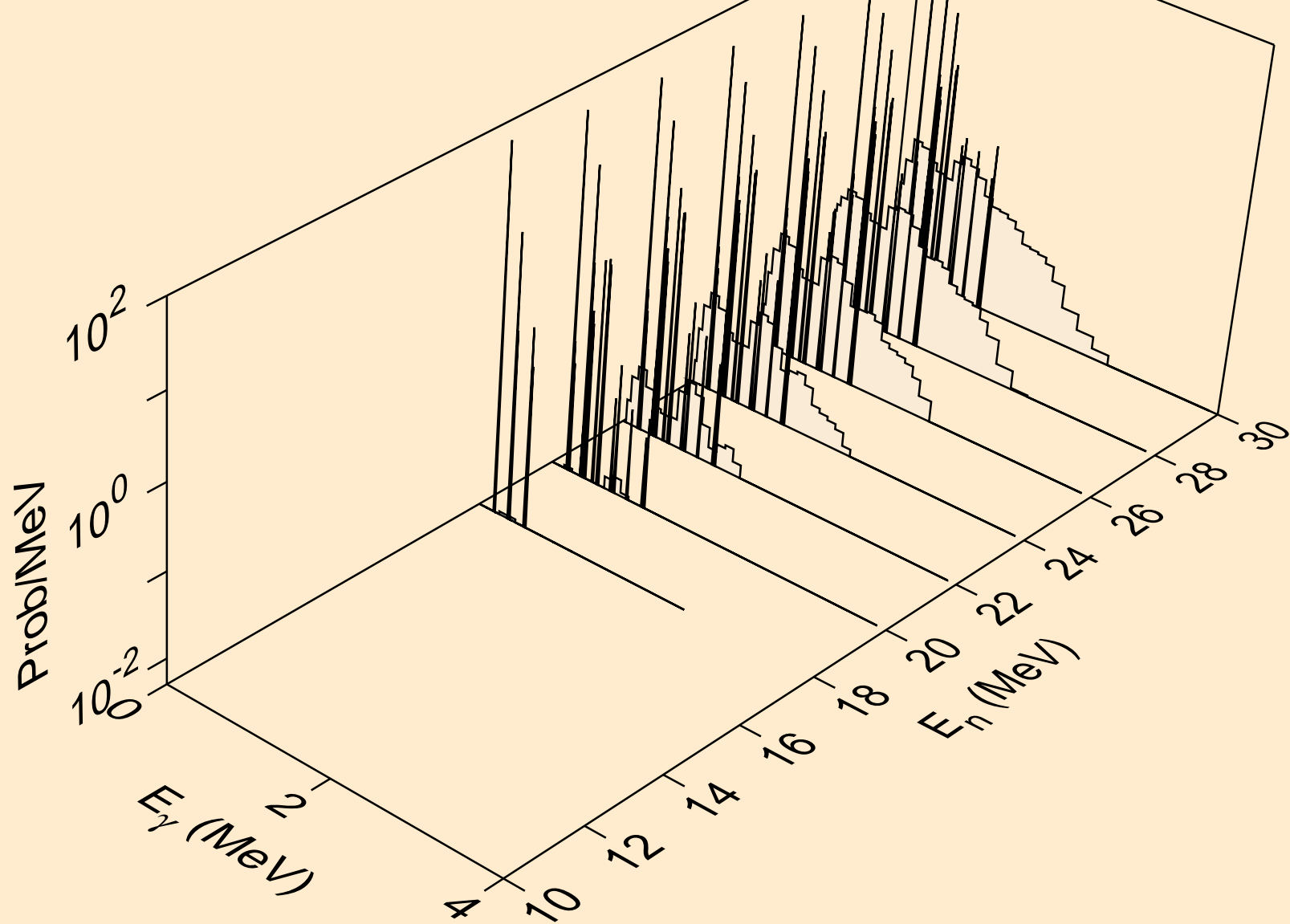
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



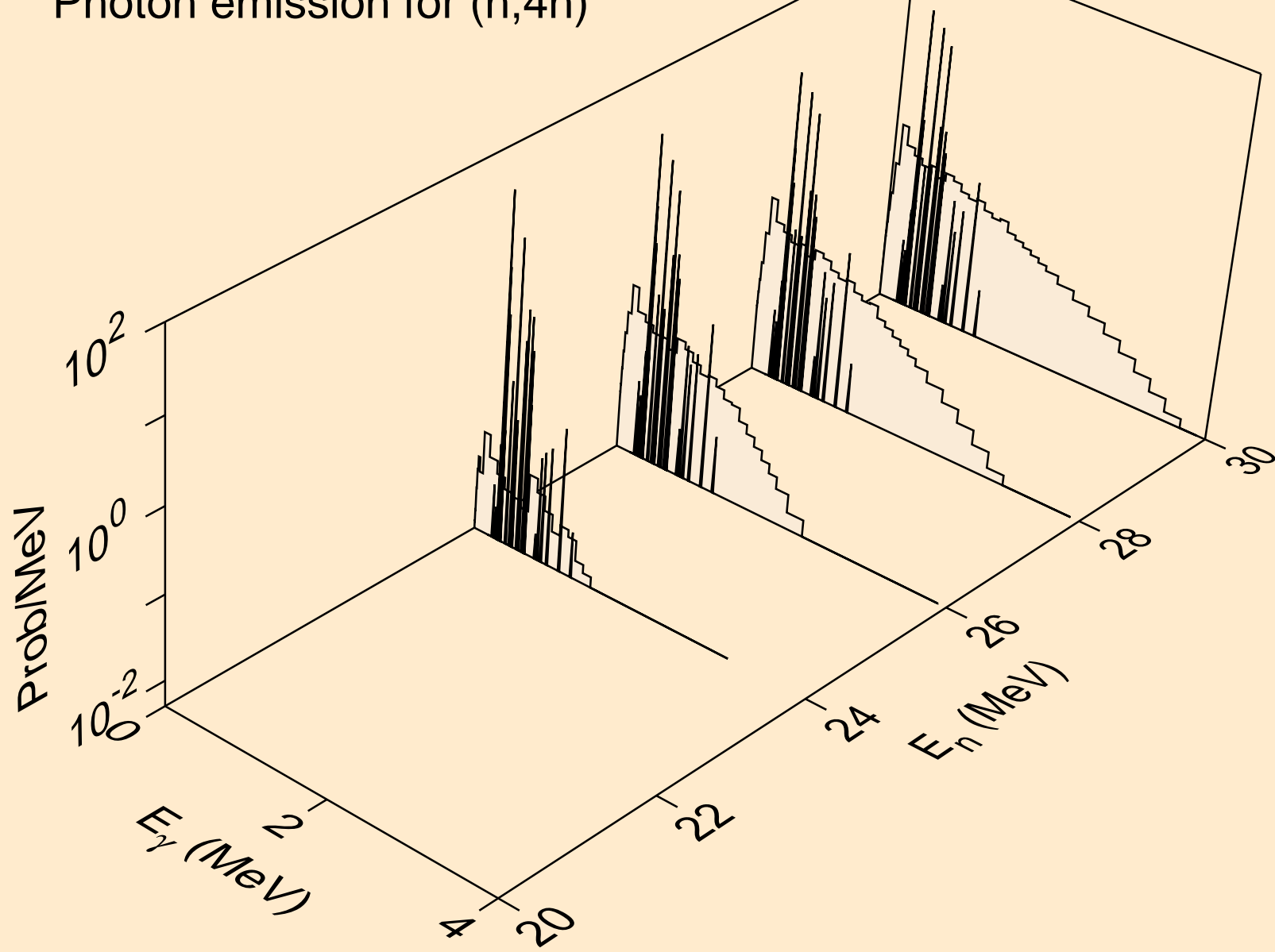
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



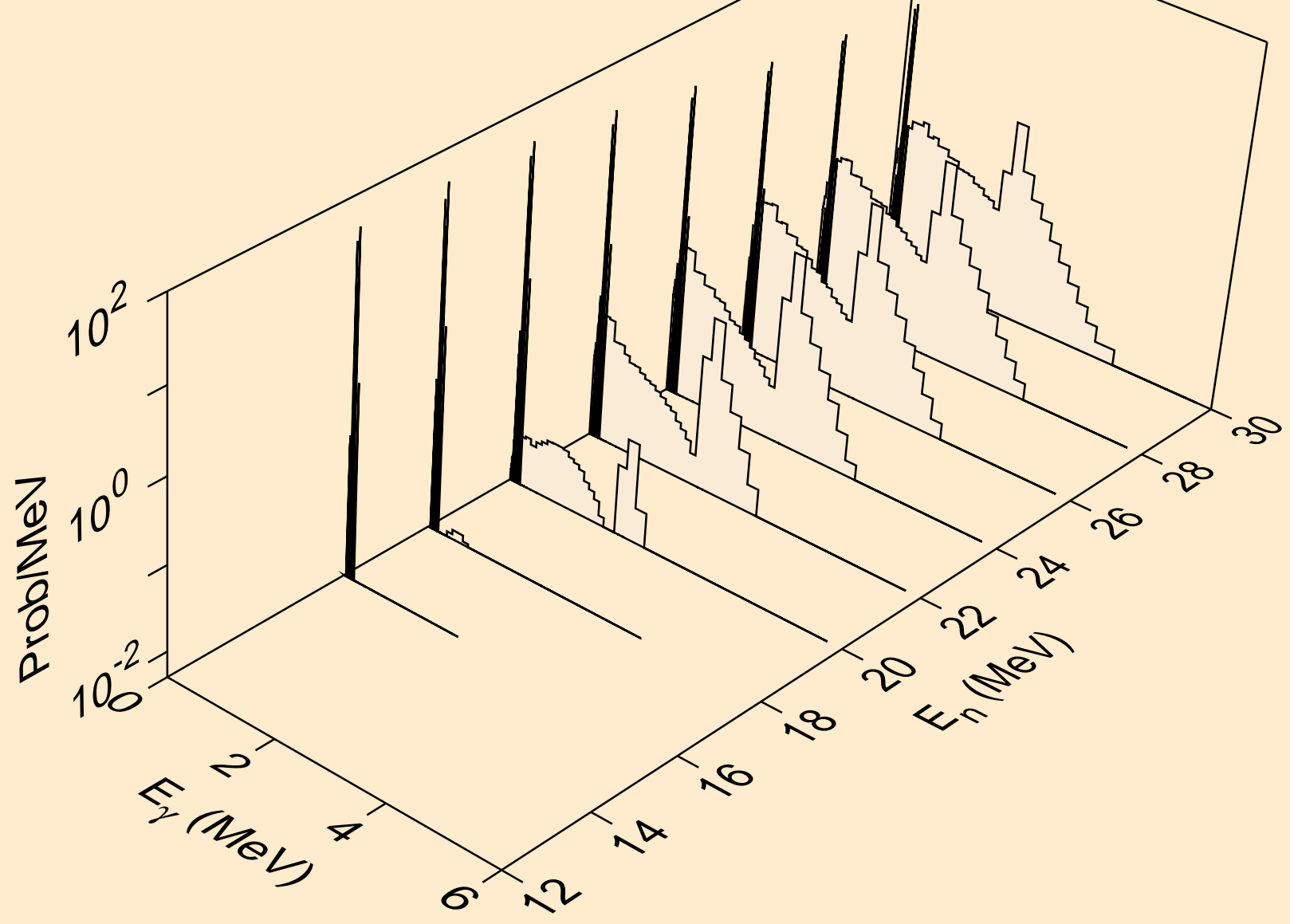
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



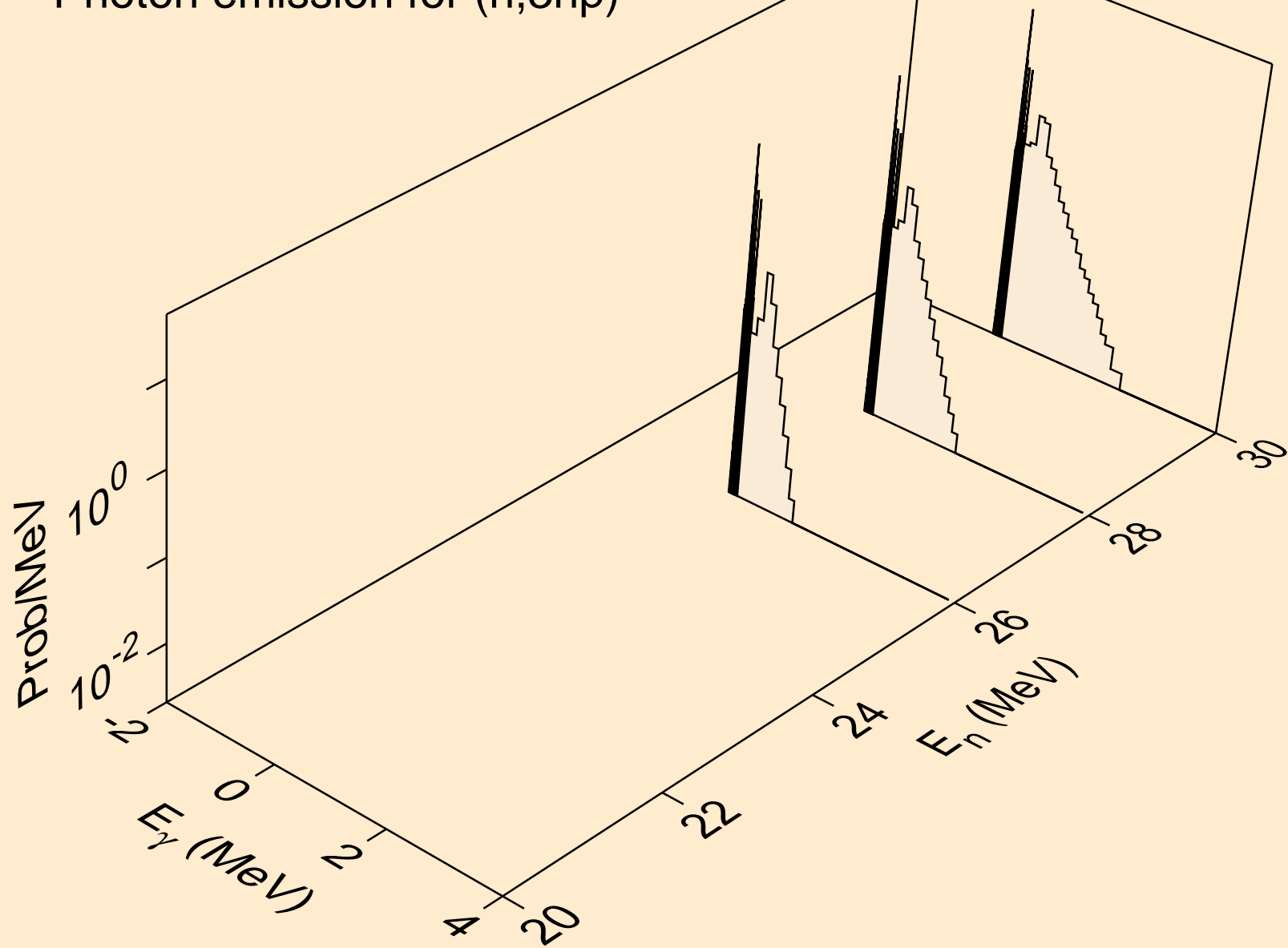
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

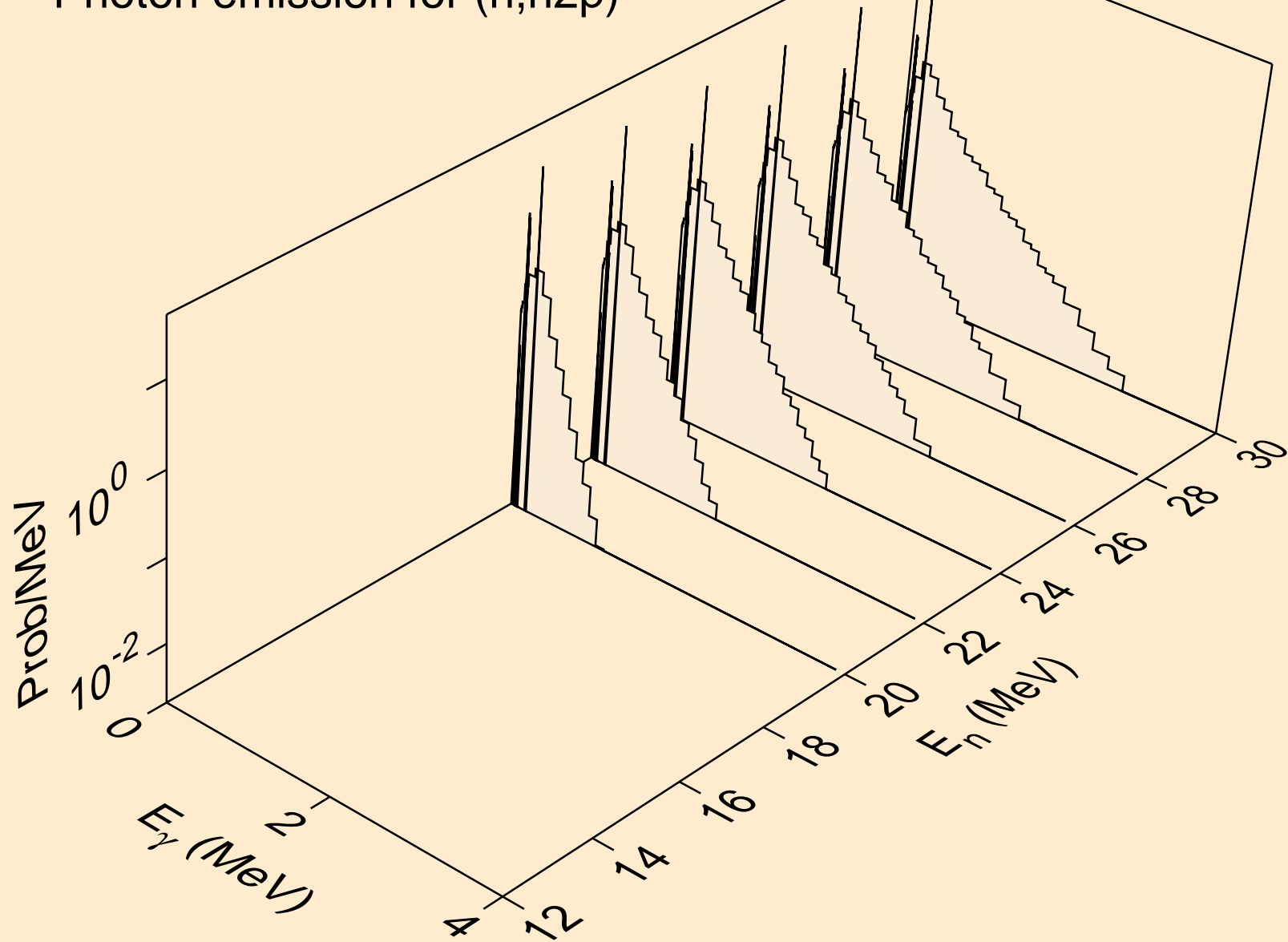


PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

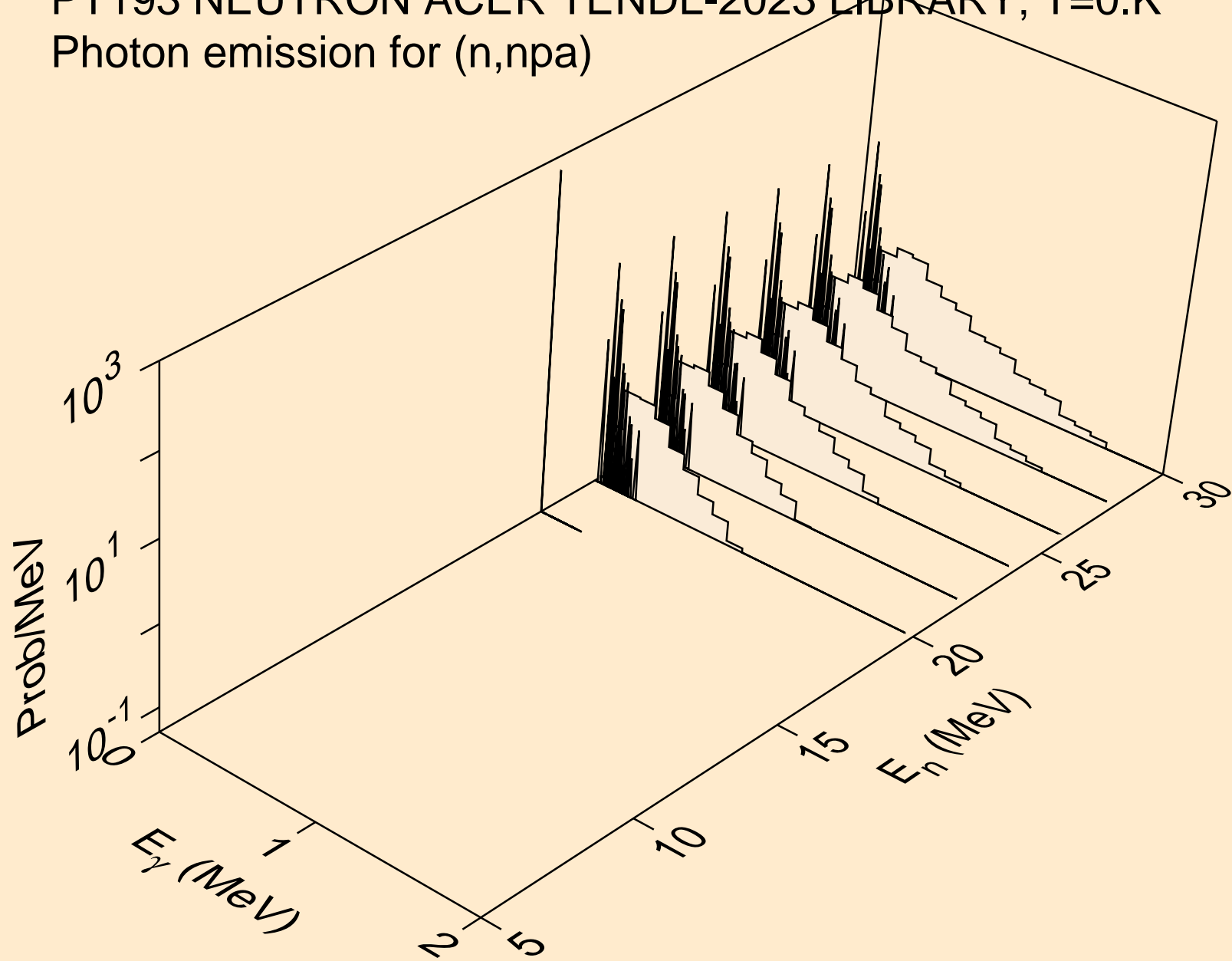




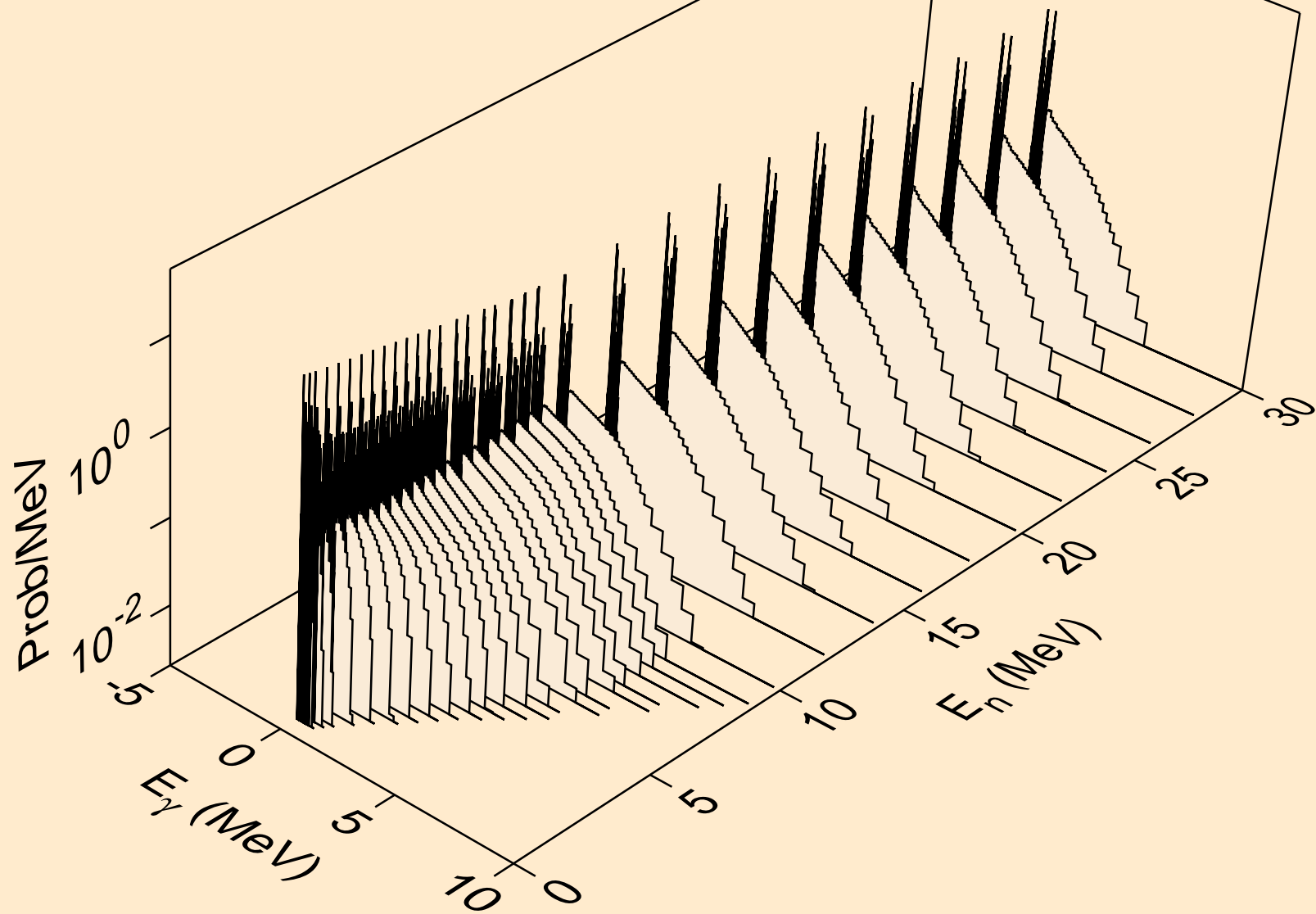
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



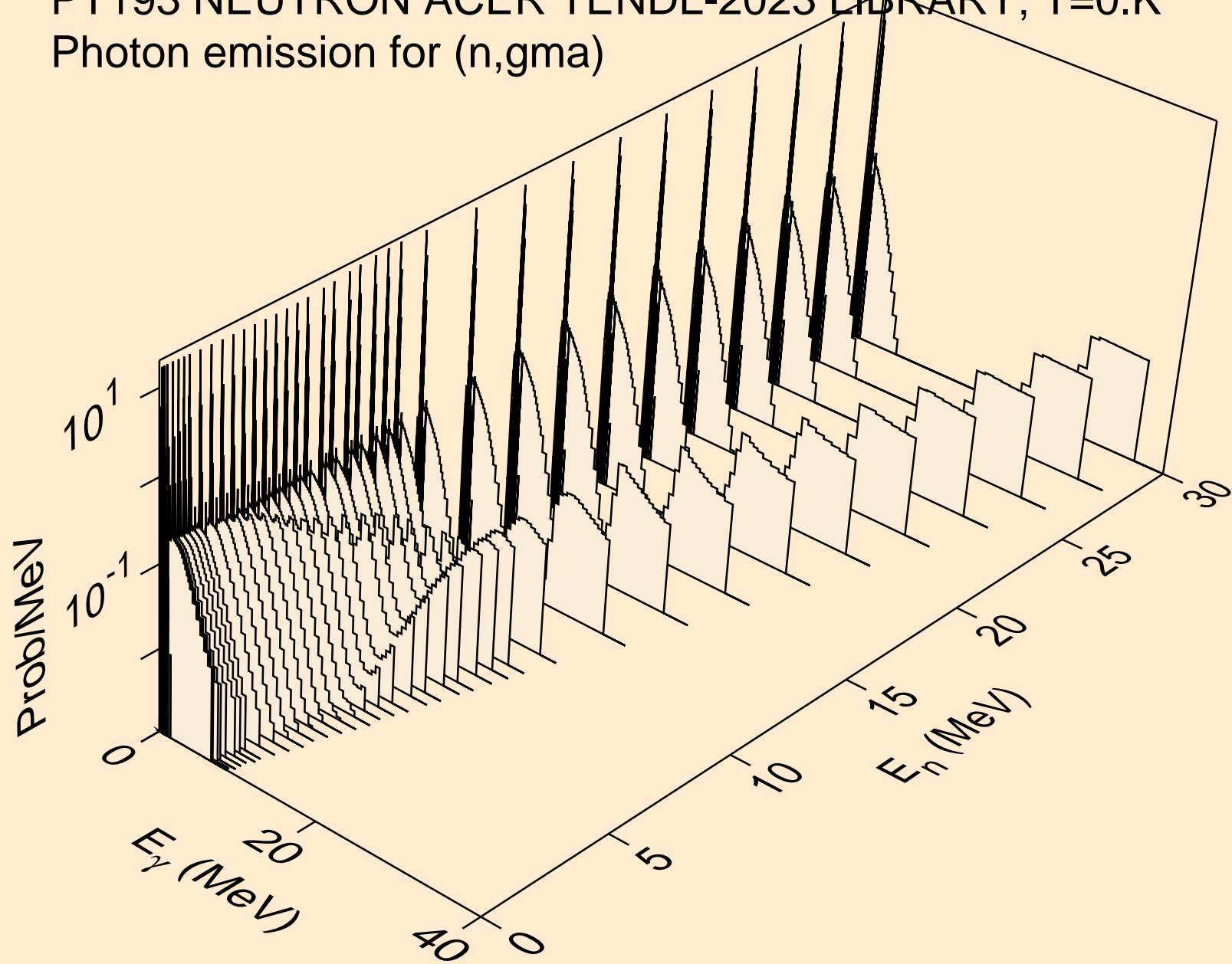
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



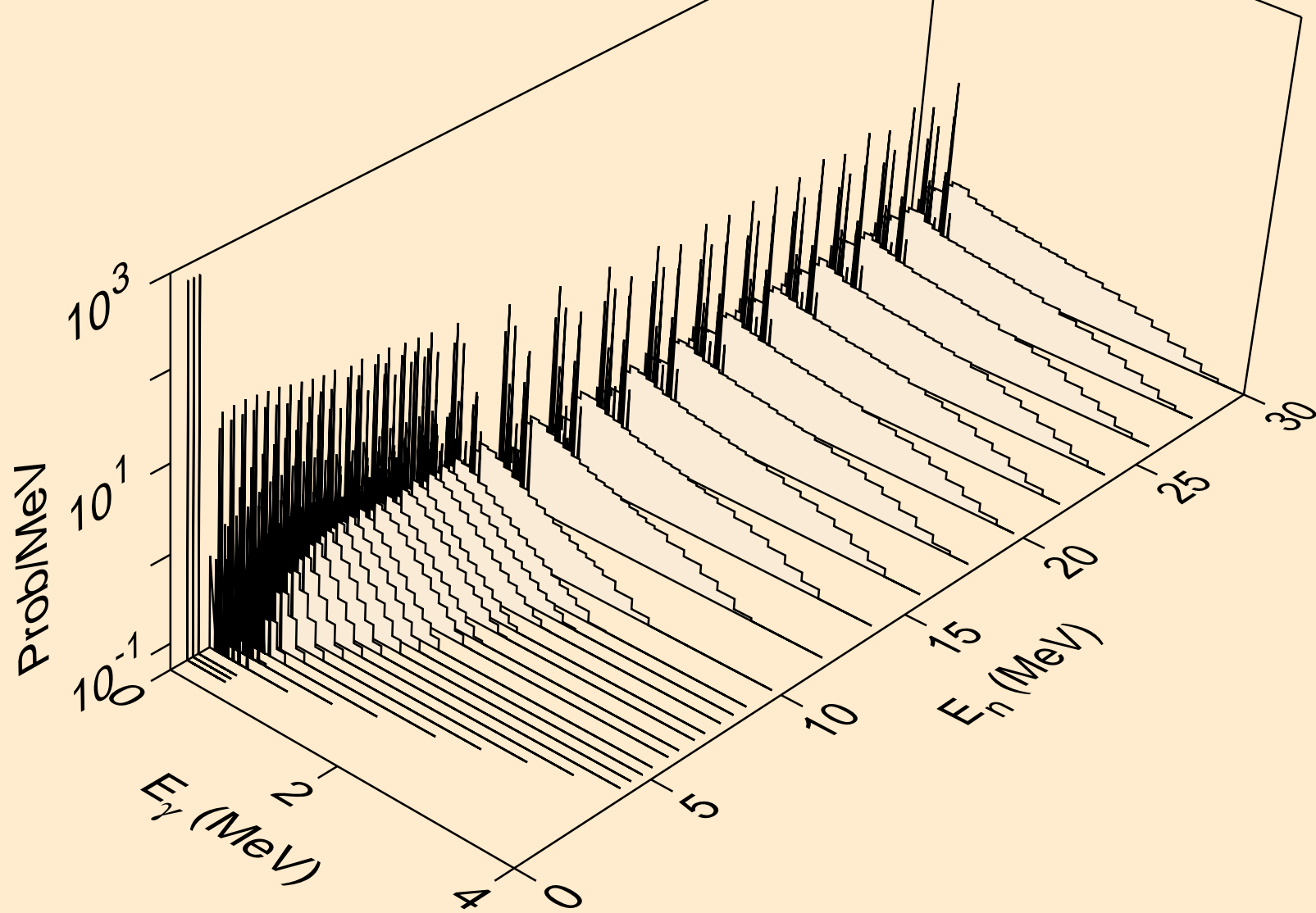
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



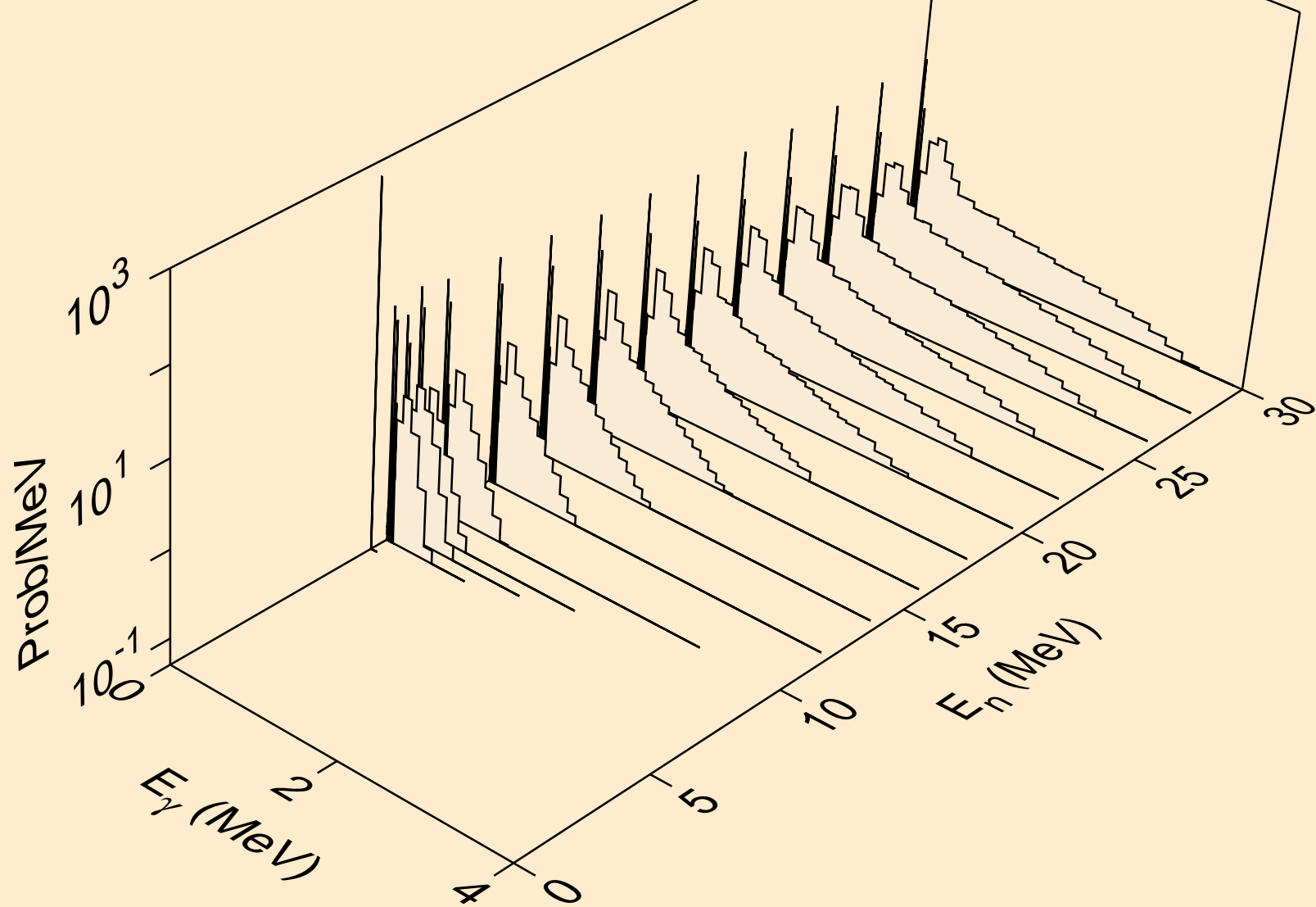
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



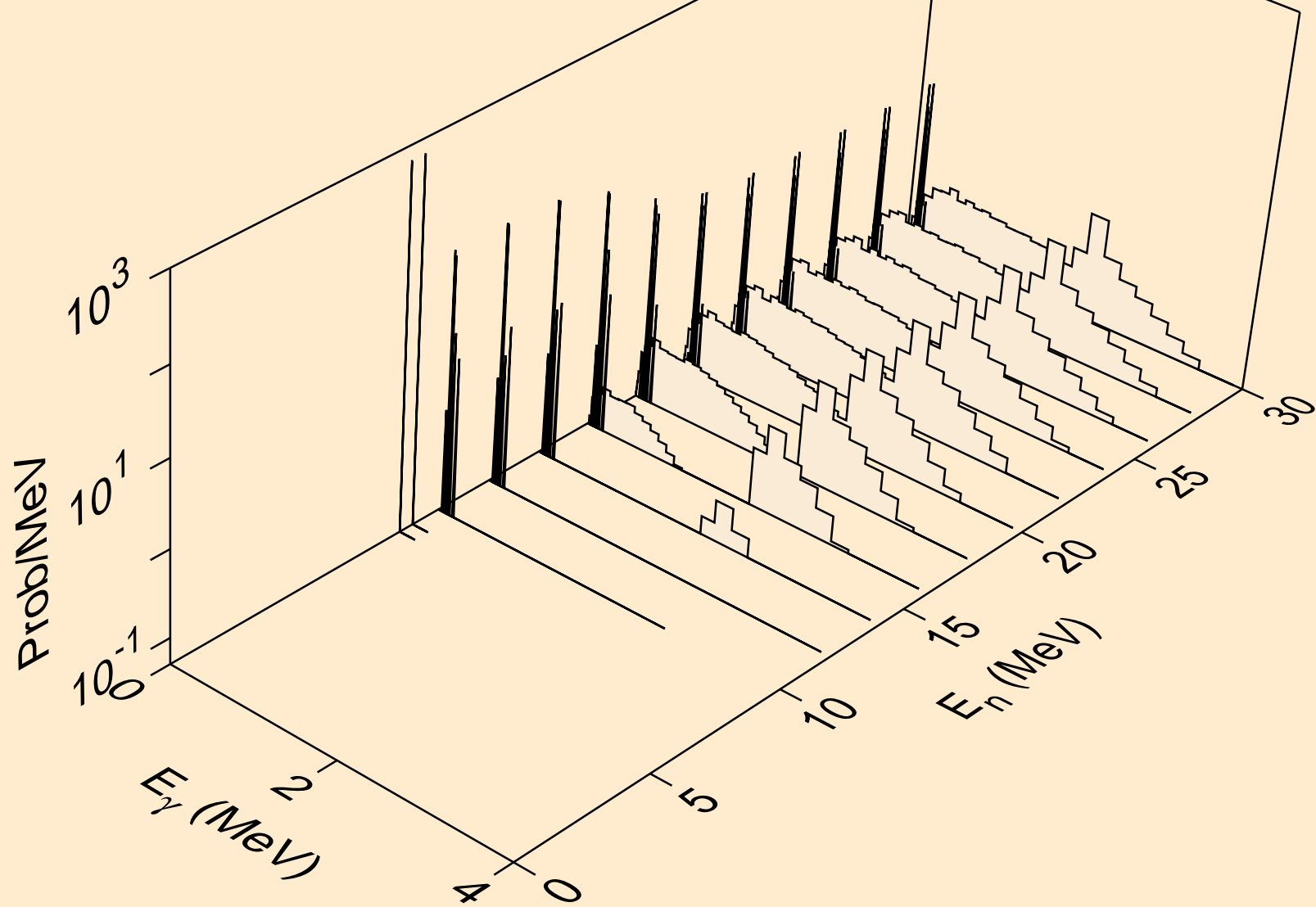
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



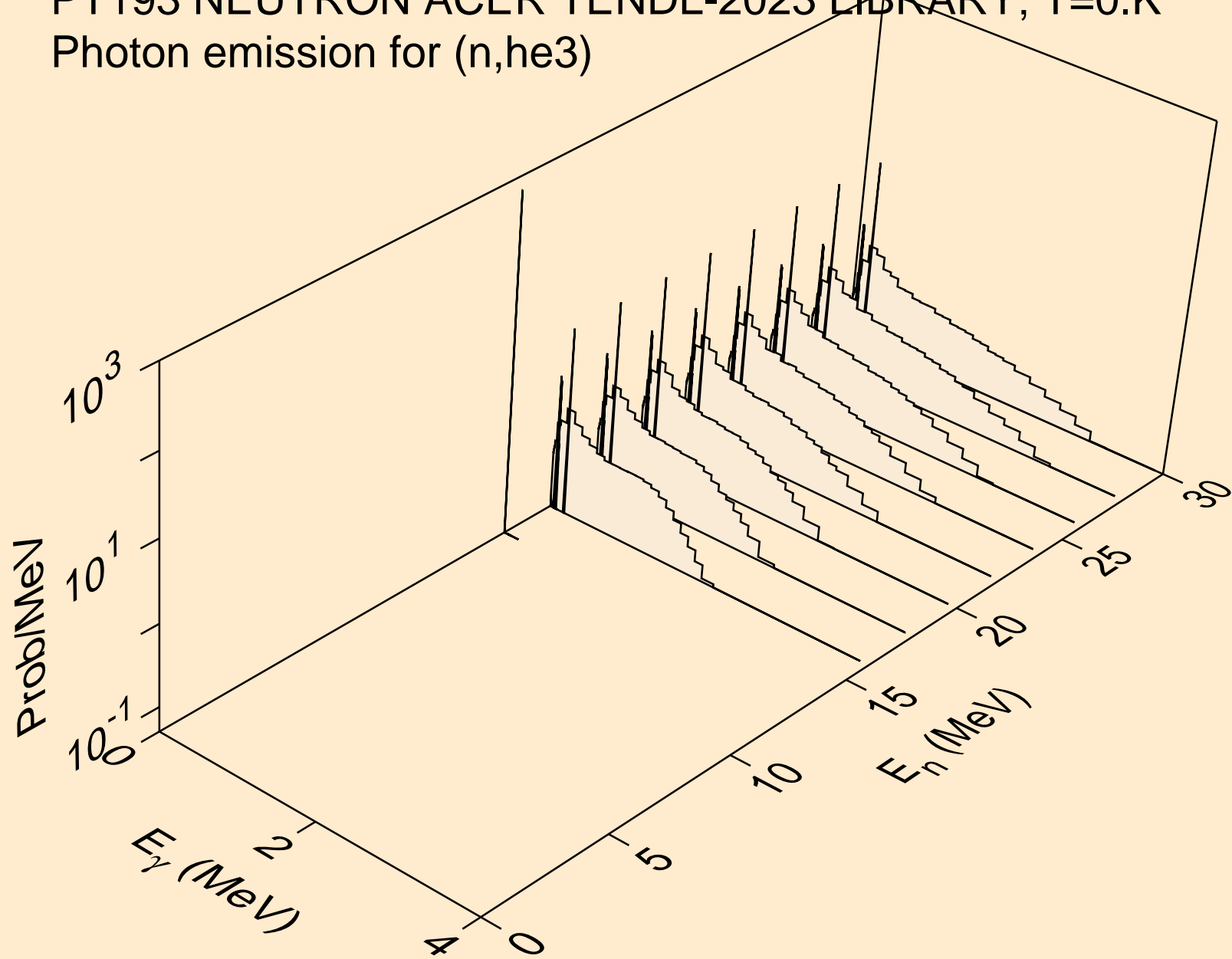
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

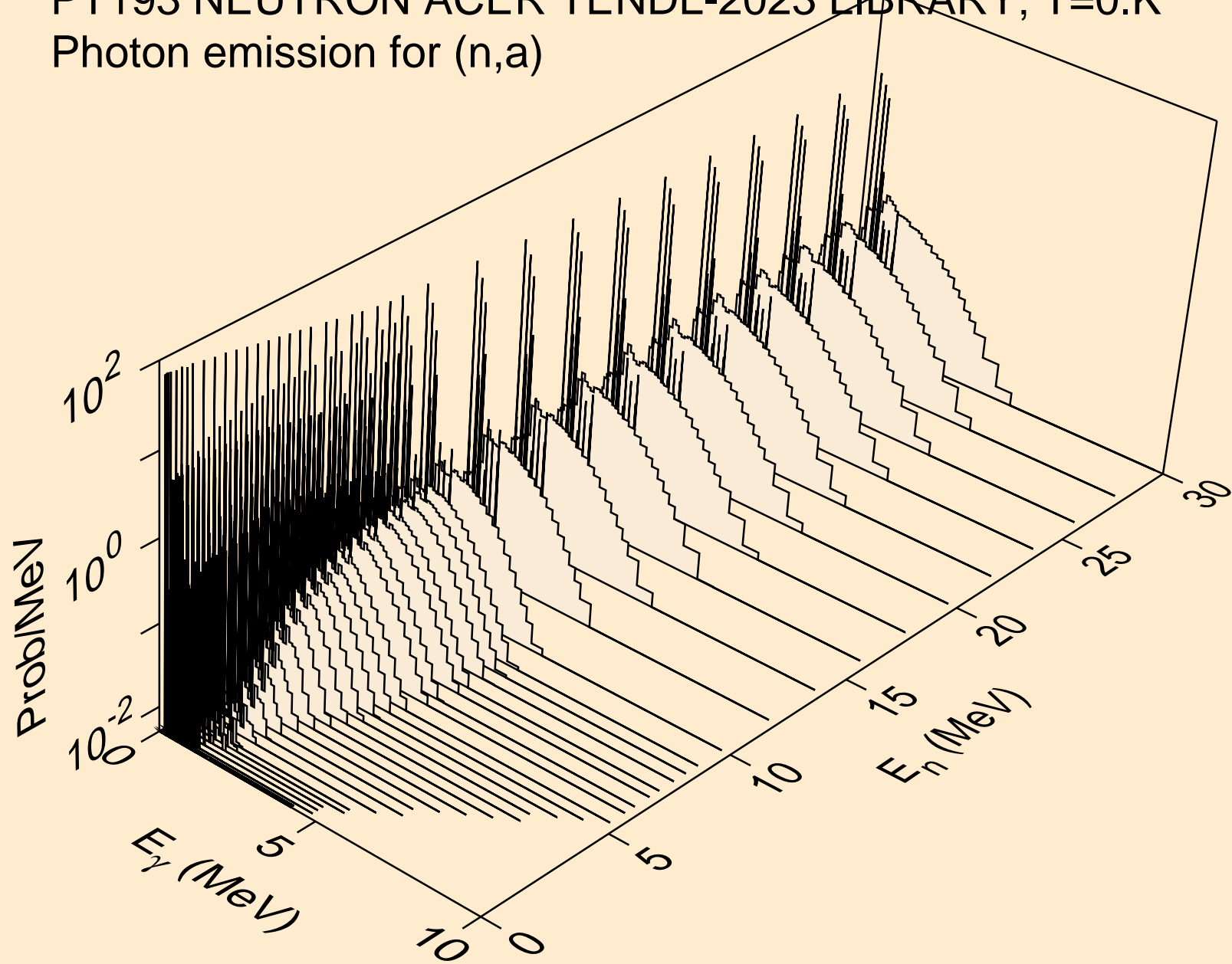


PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

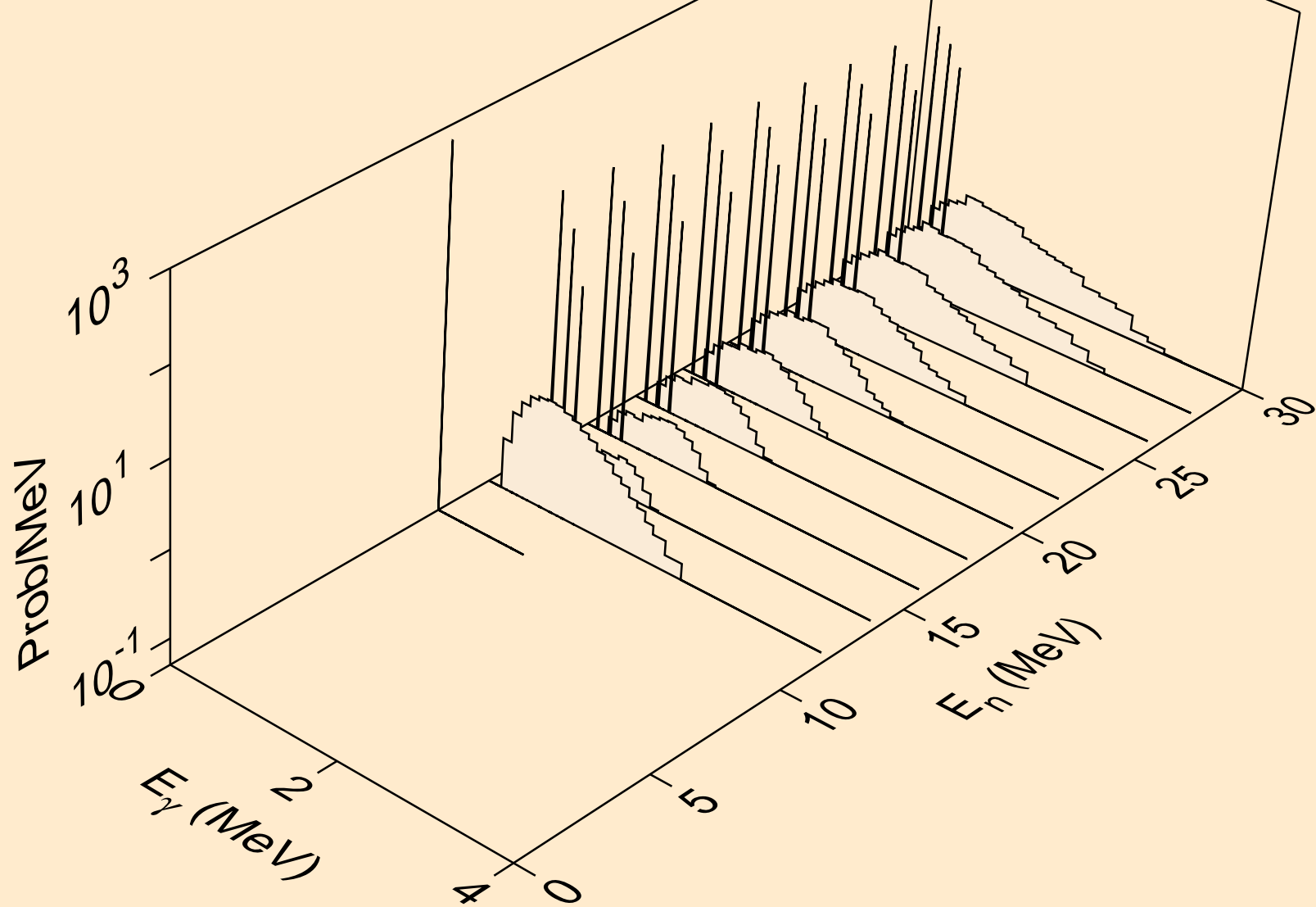




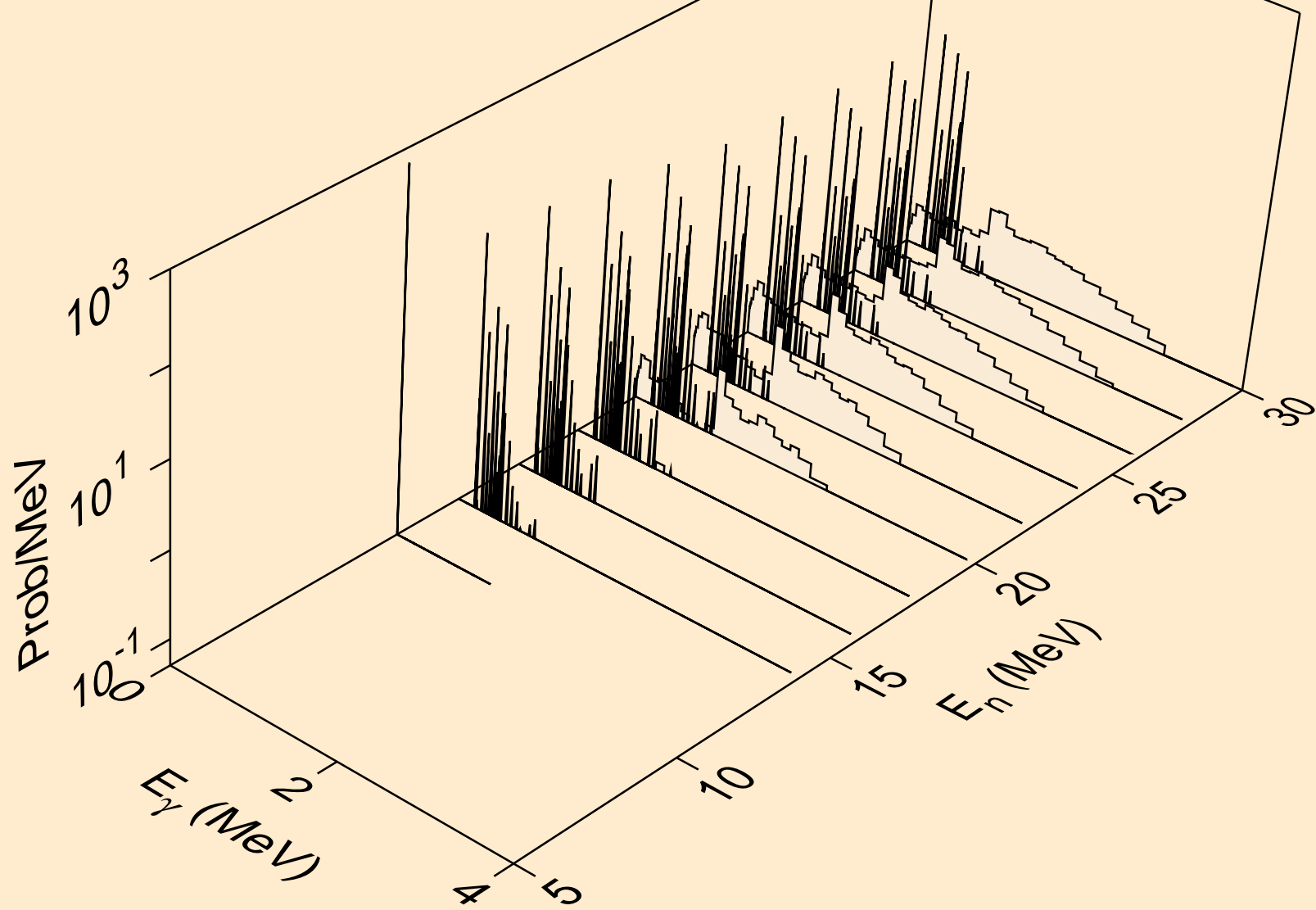
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



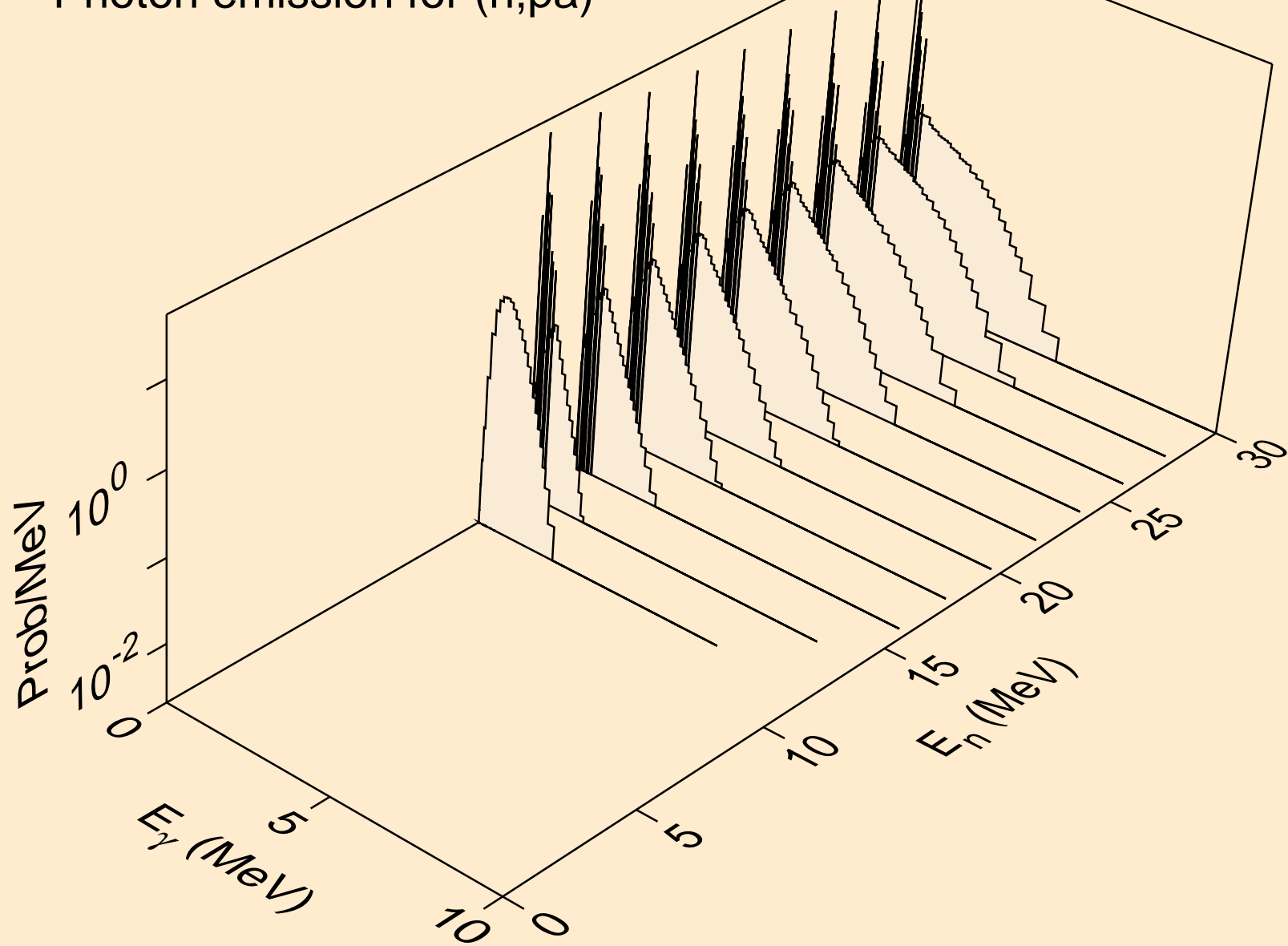
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



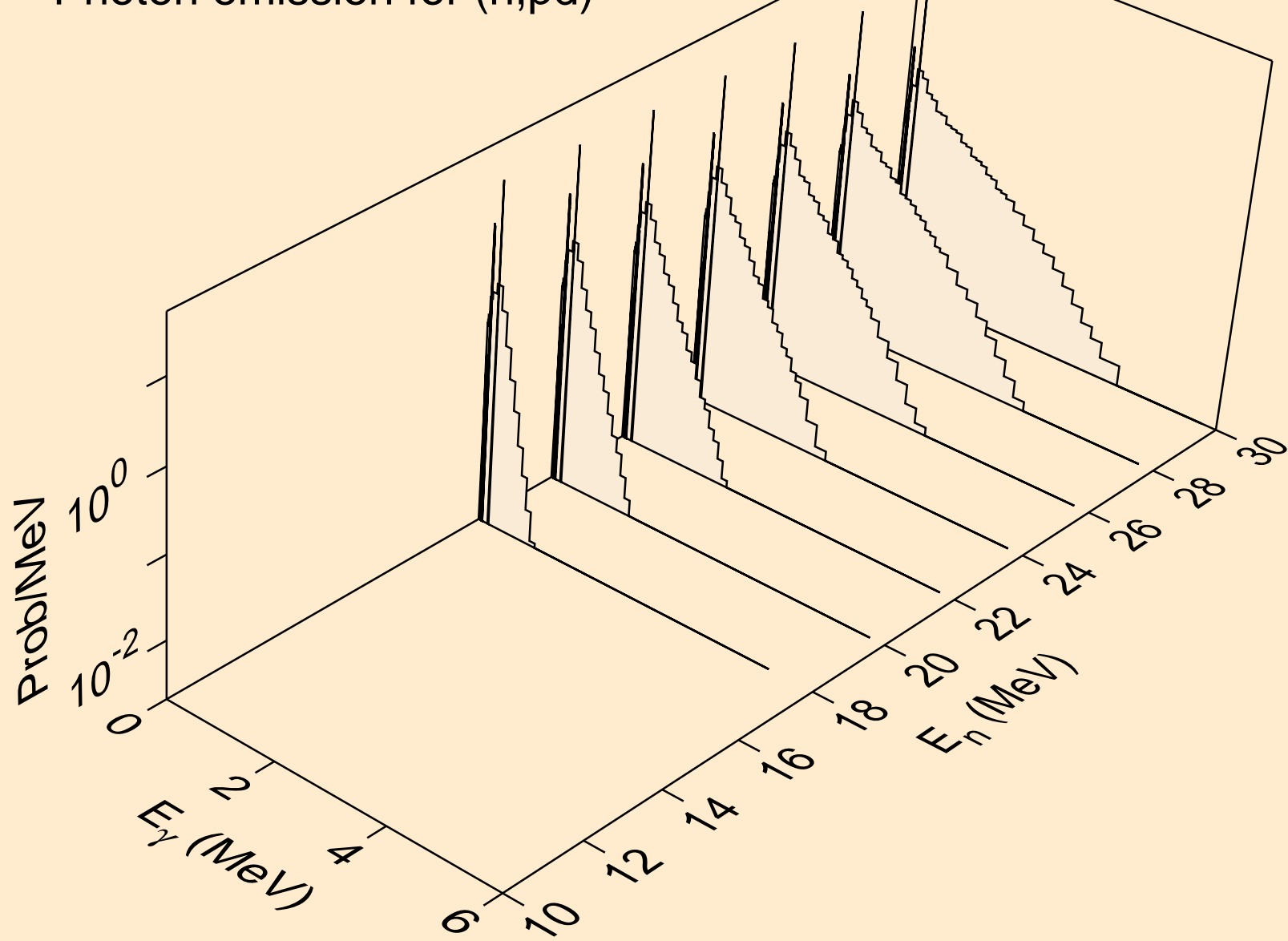
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



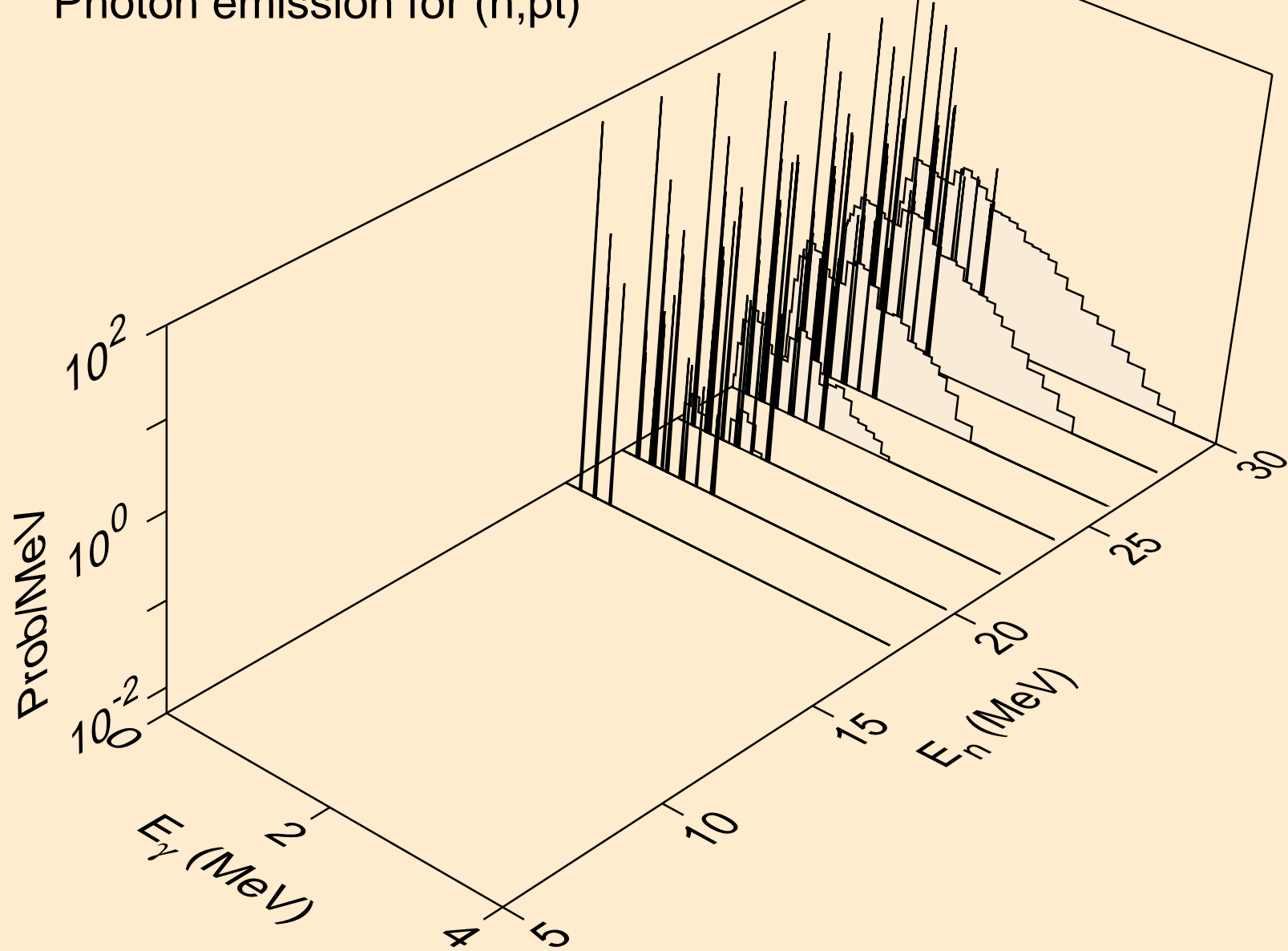
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



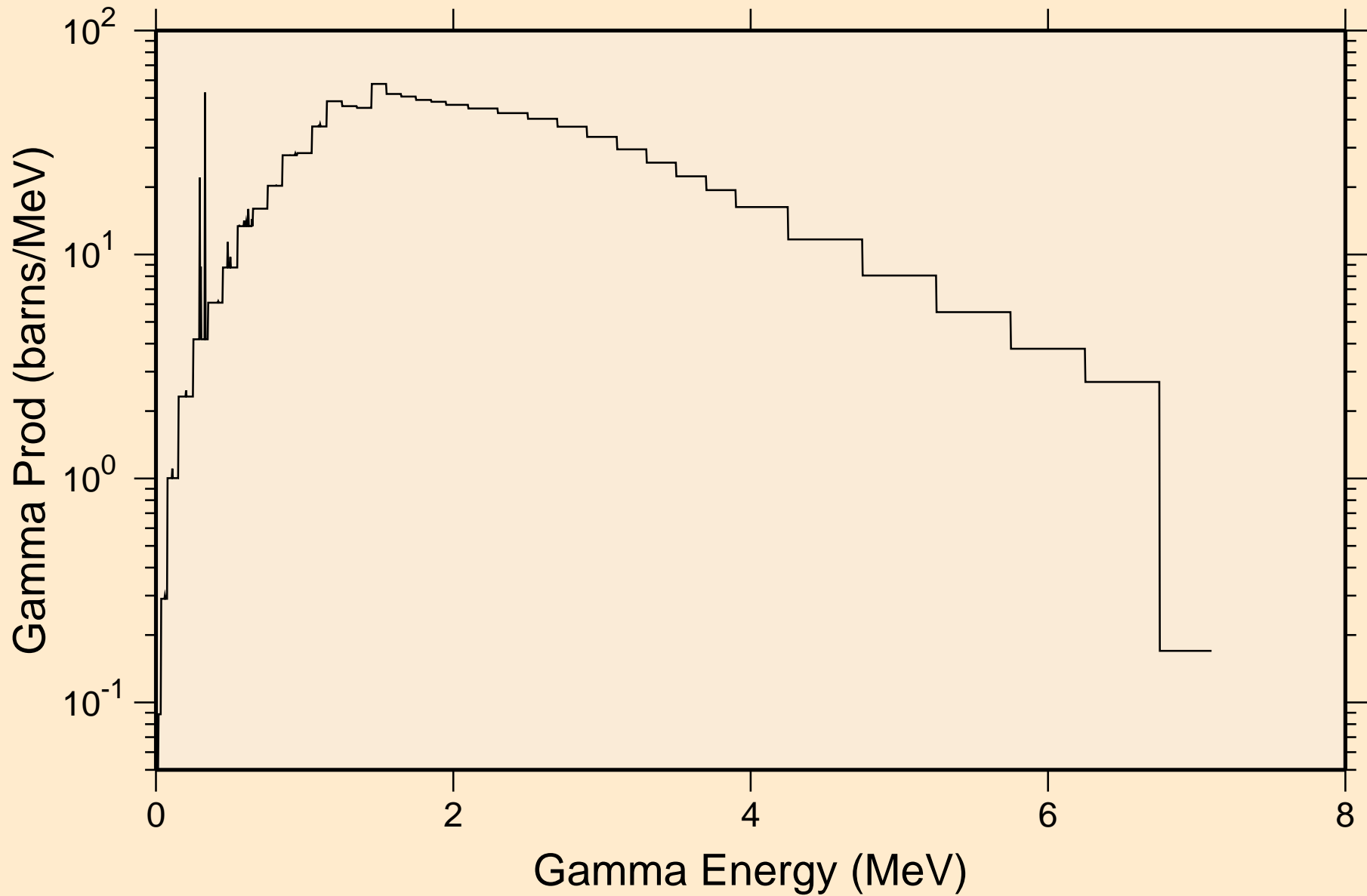
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



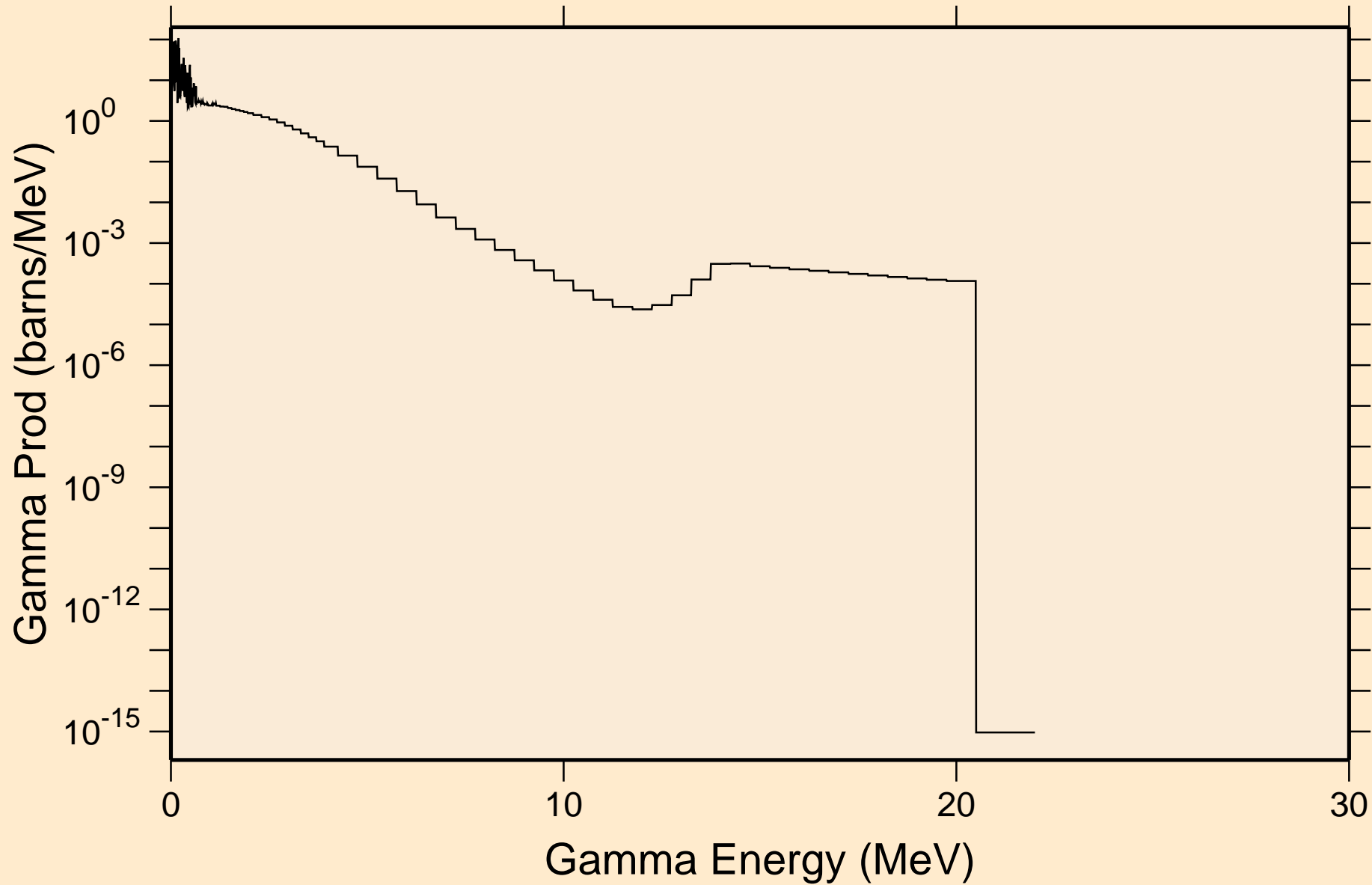
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

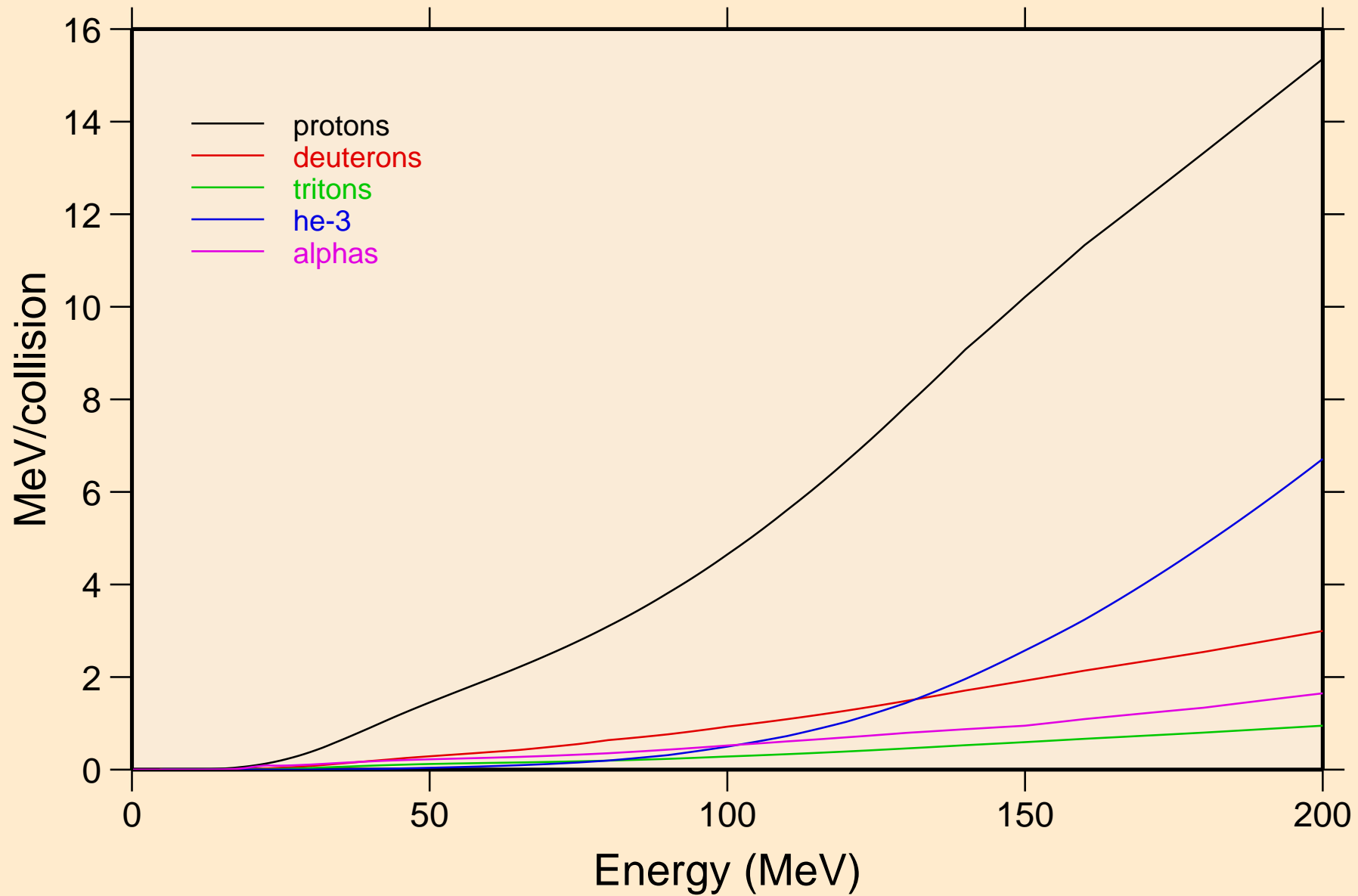


PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

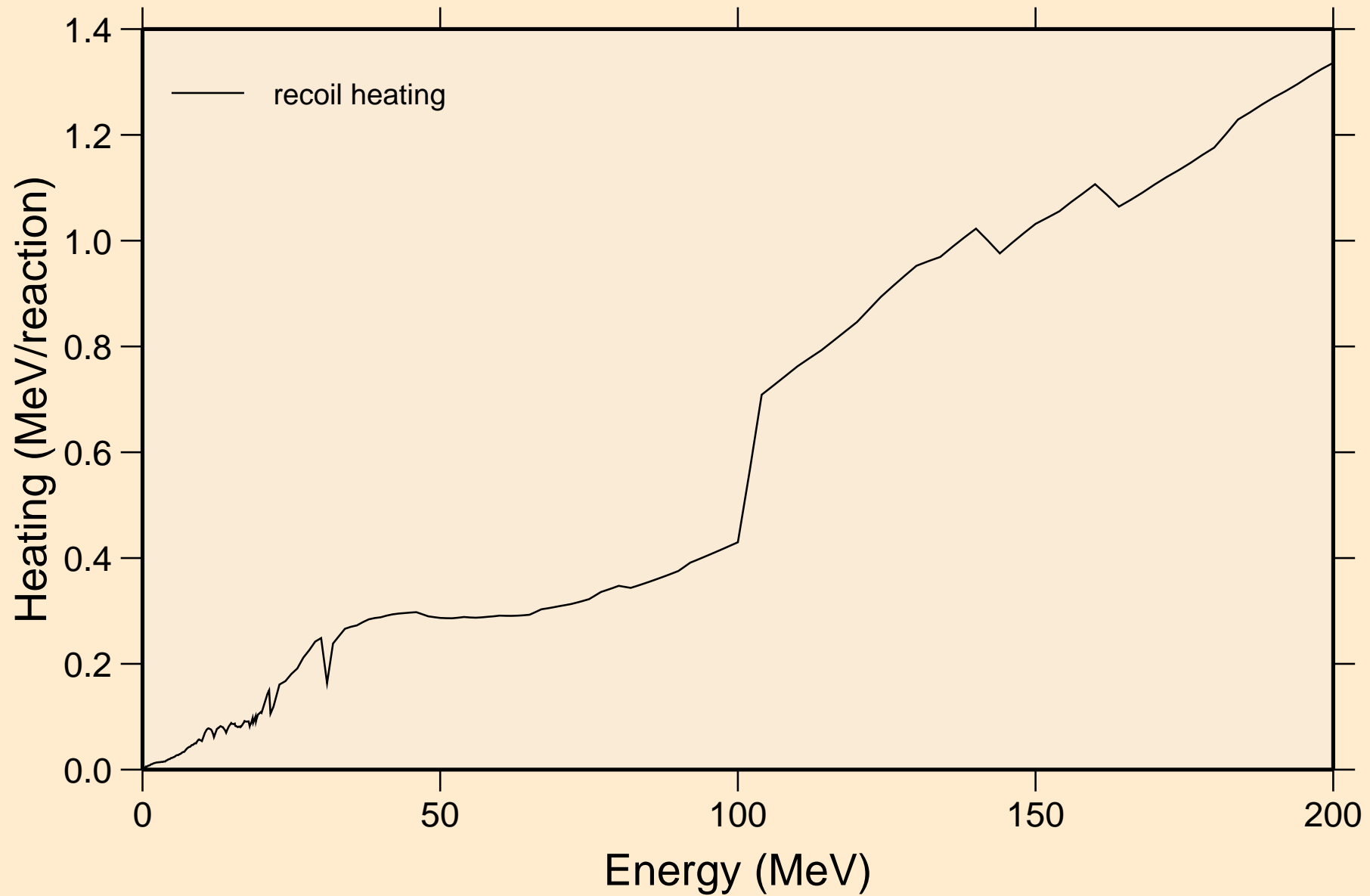




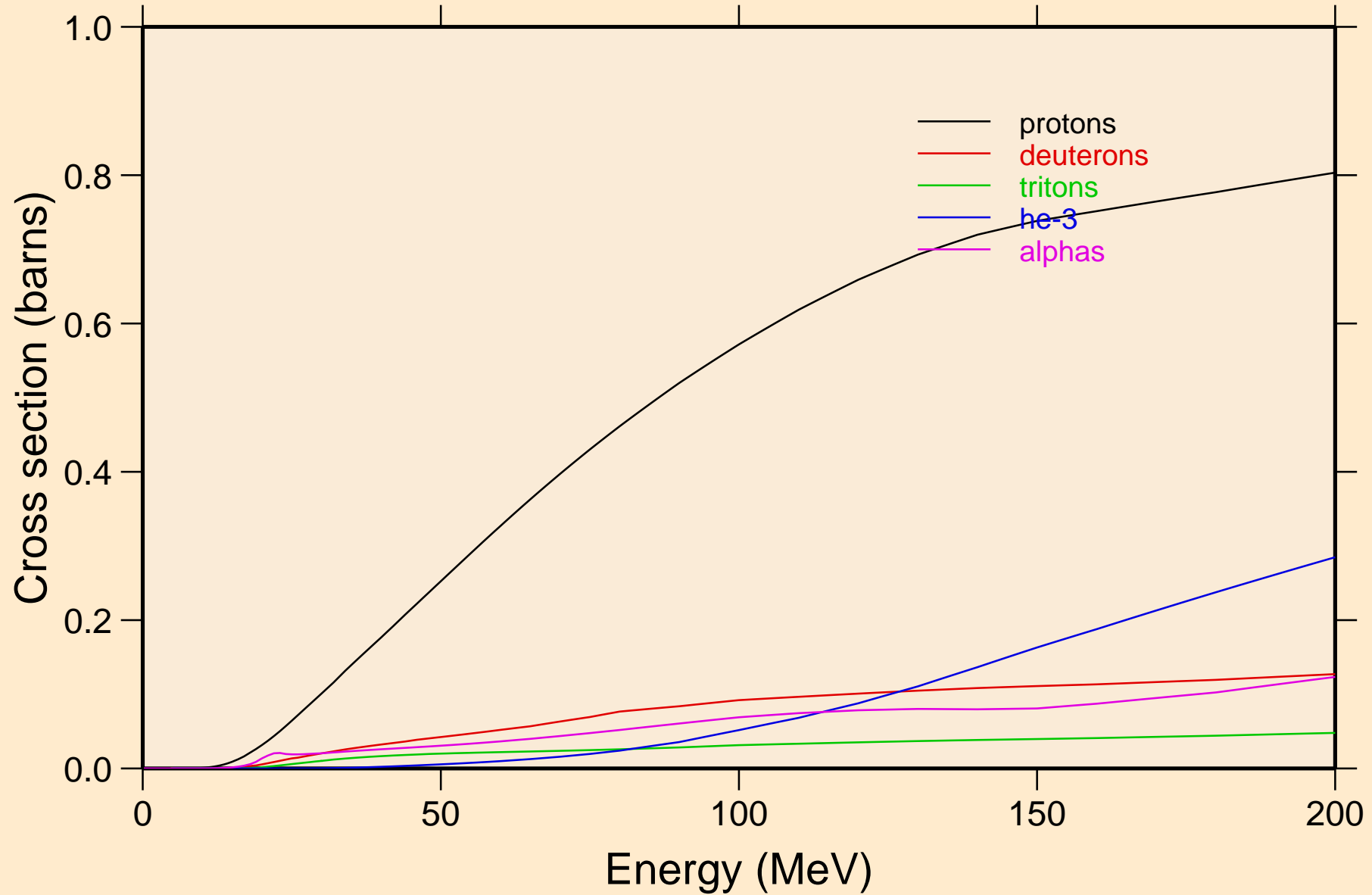
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



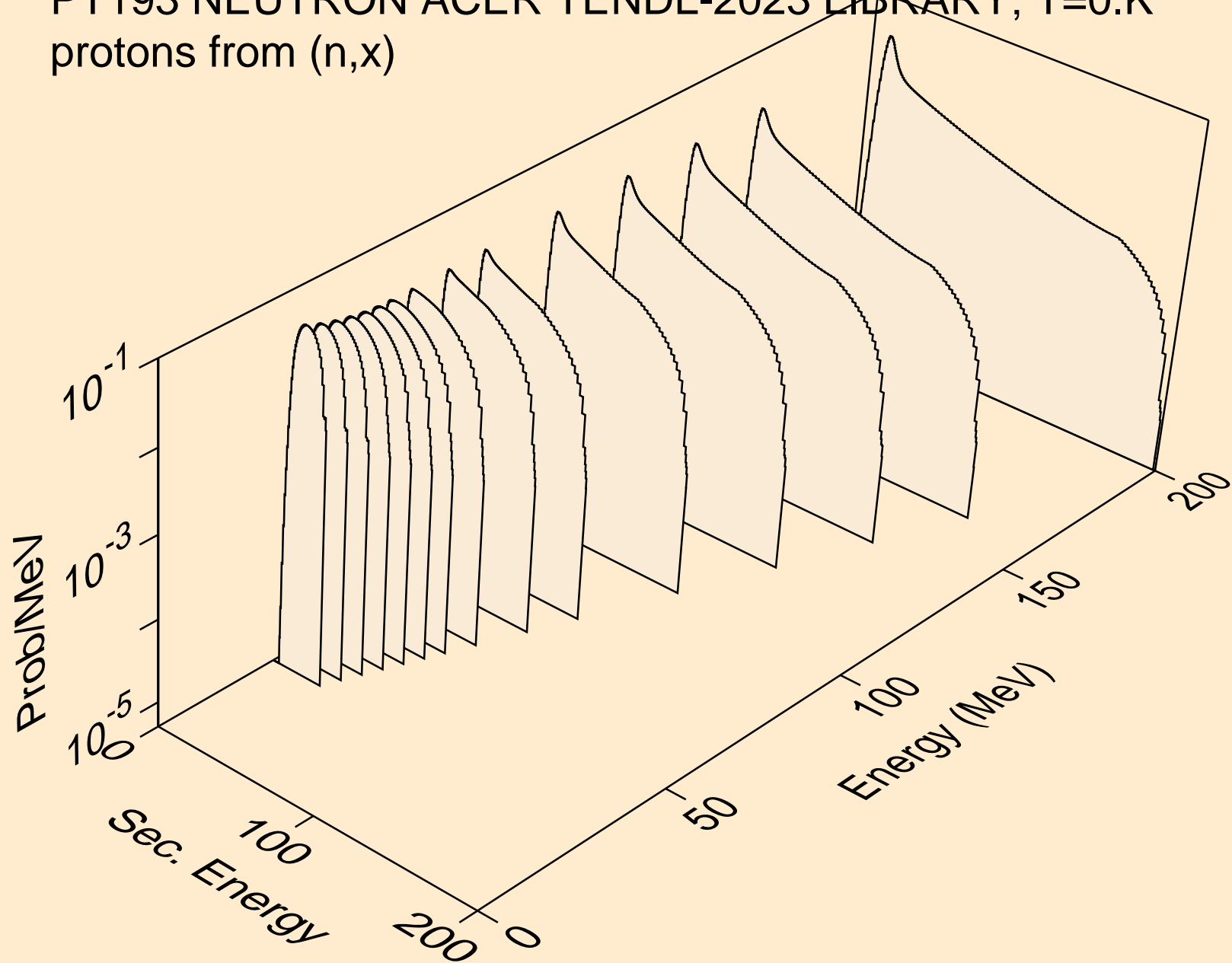
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



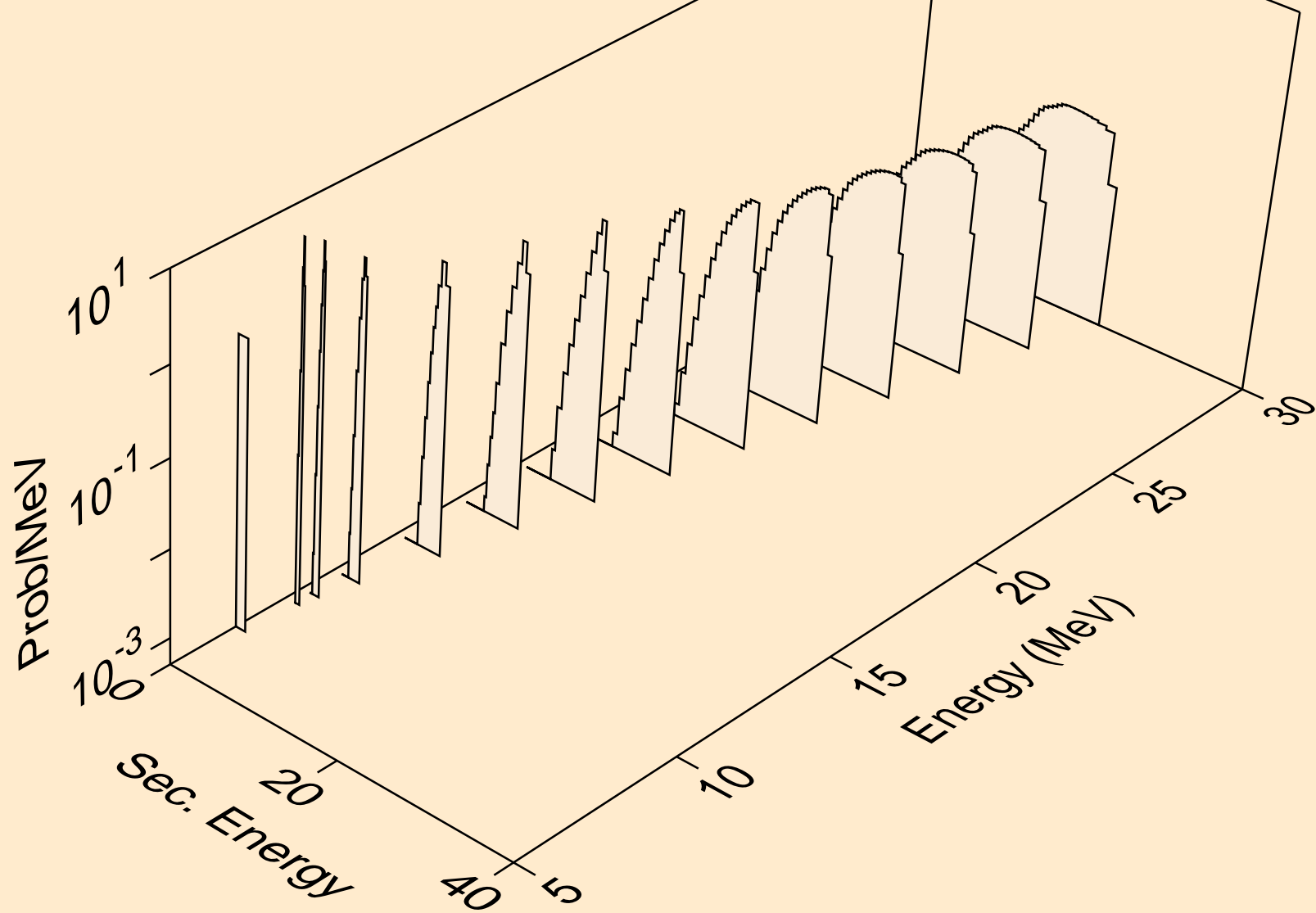
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



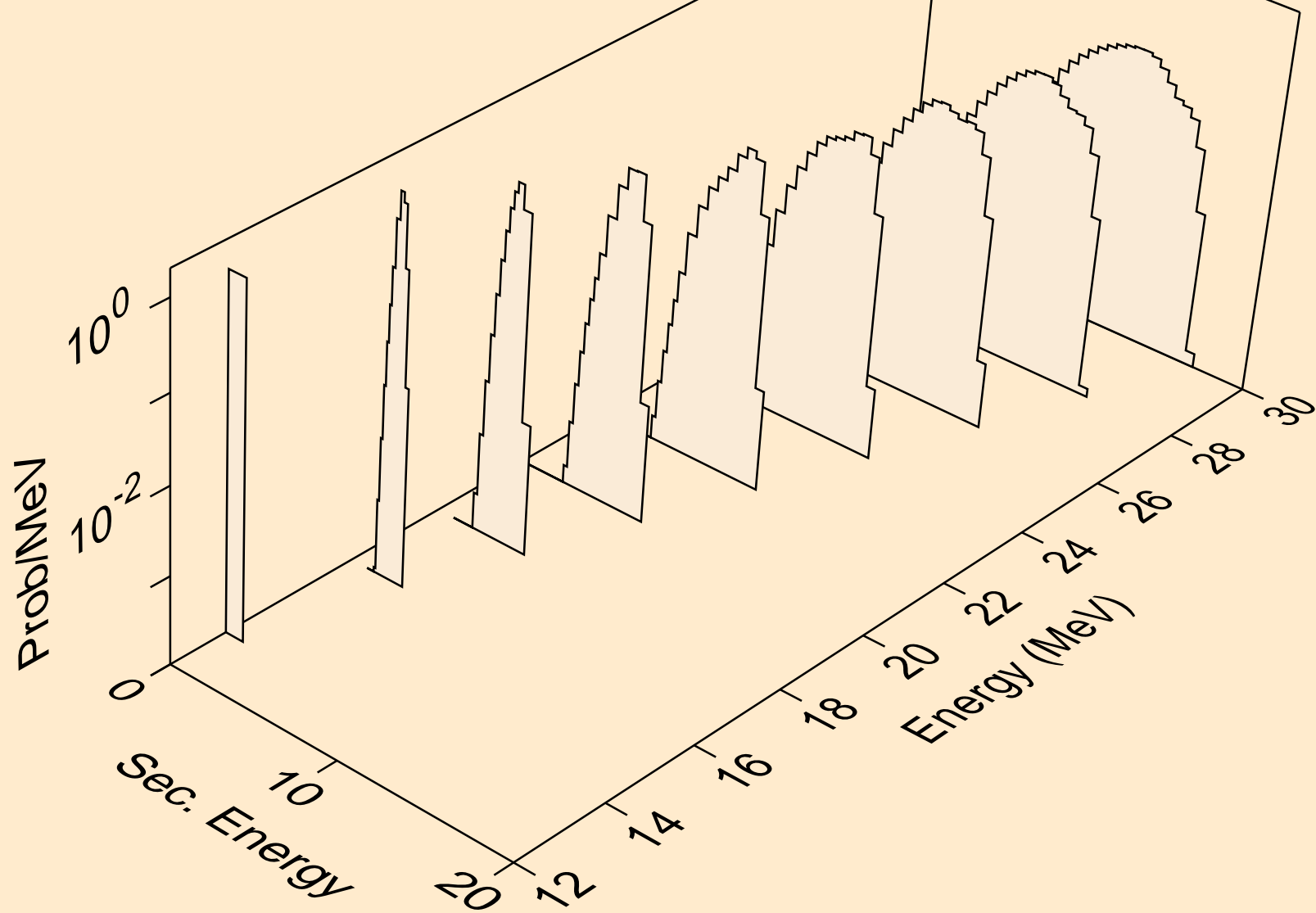
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



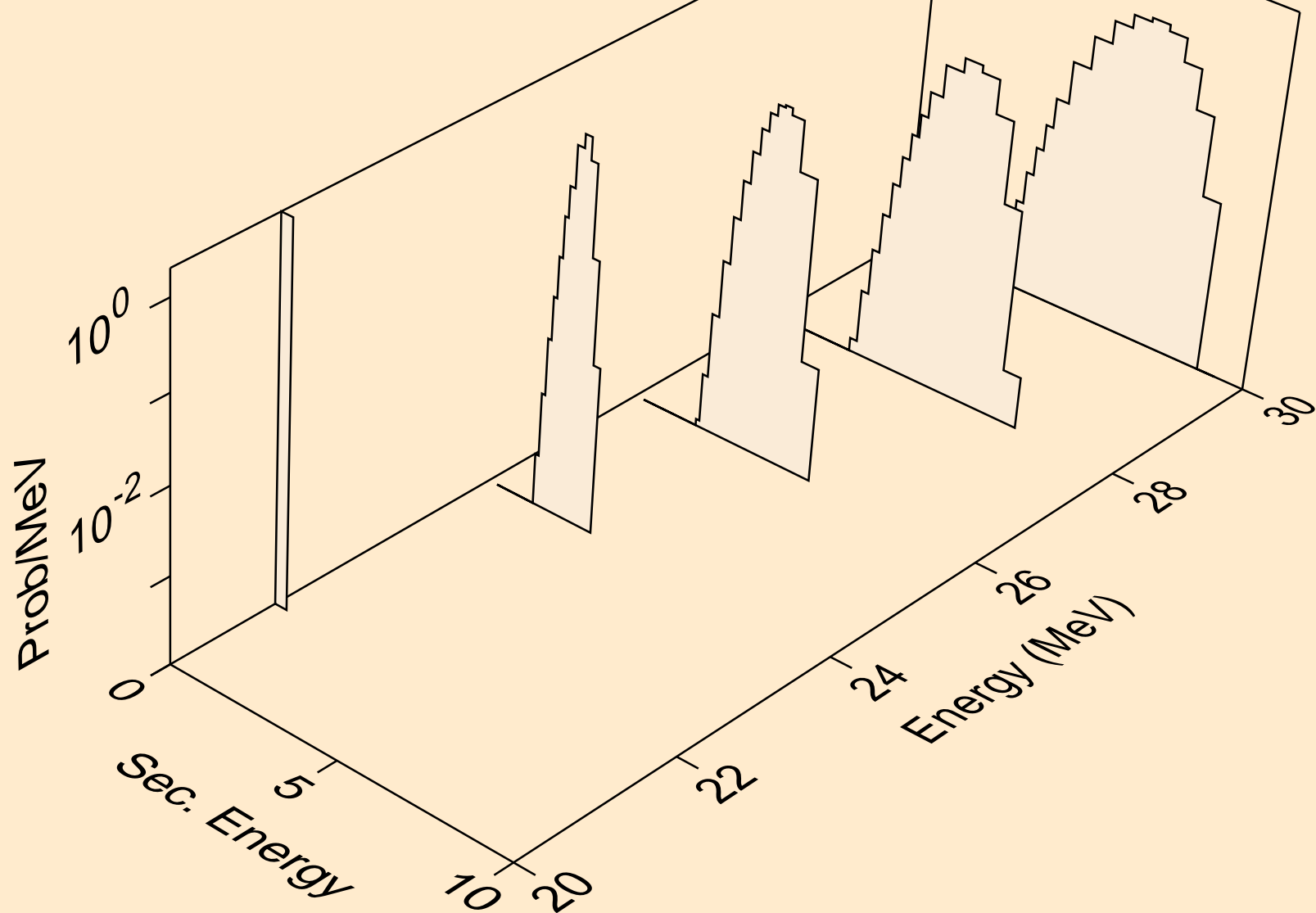
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



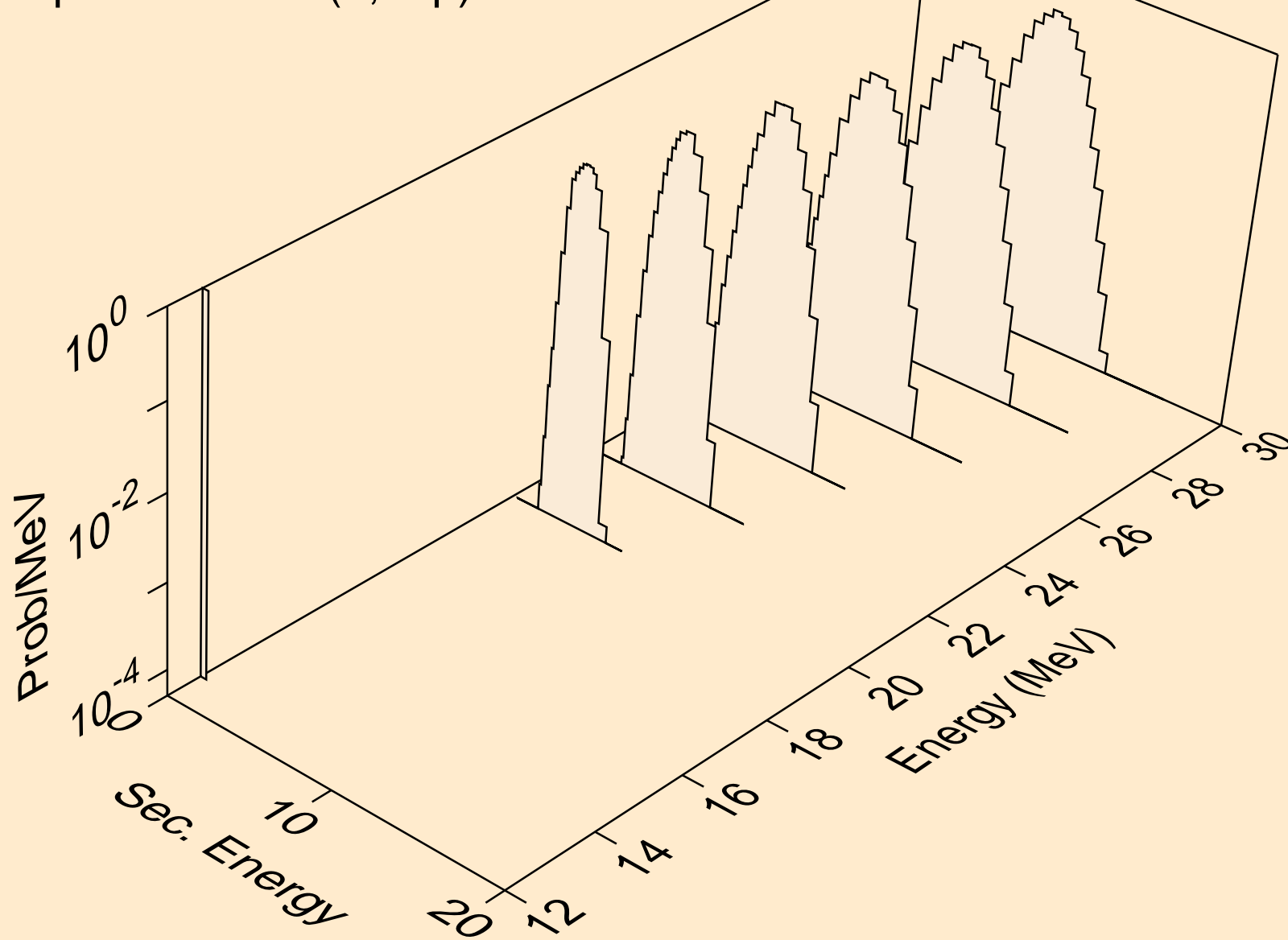
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)

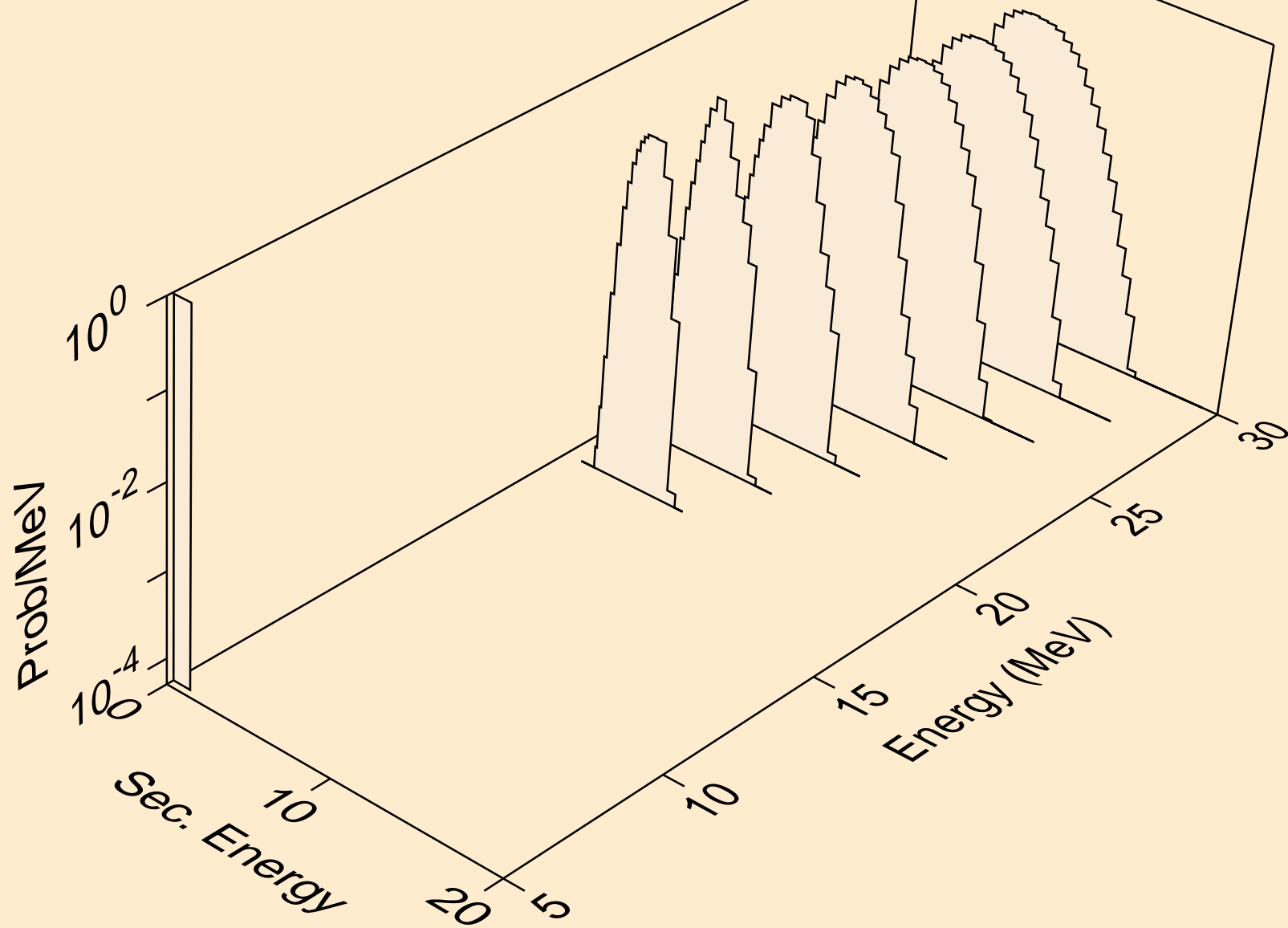


PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)

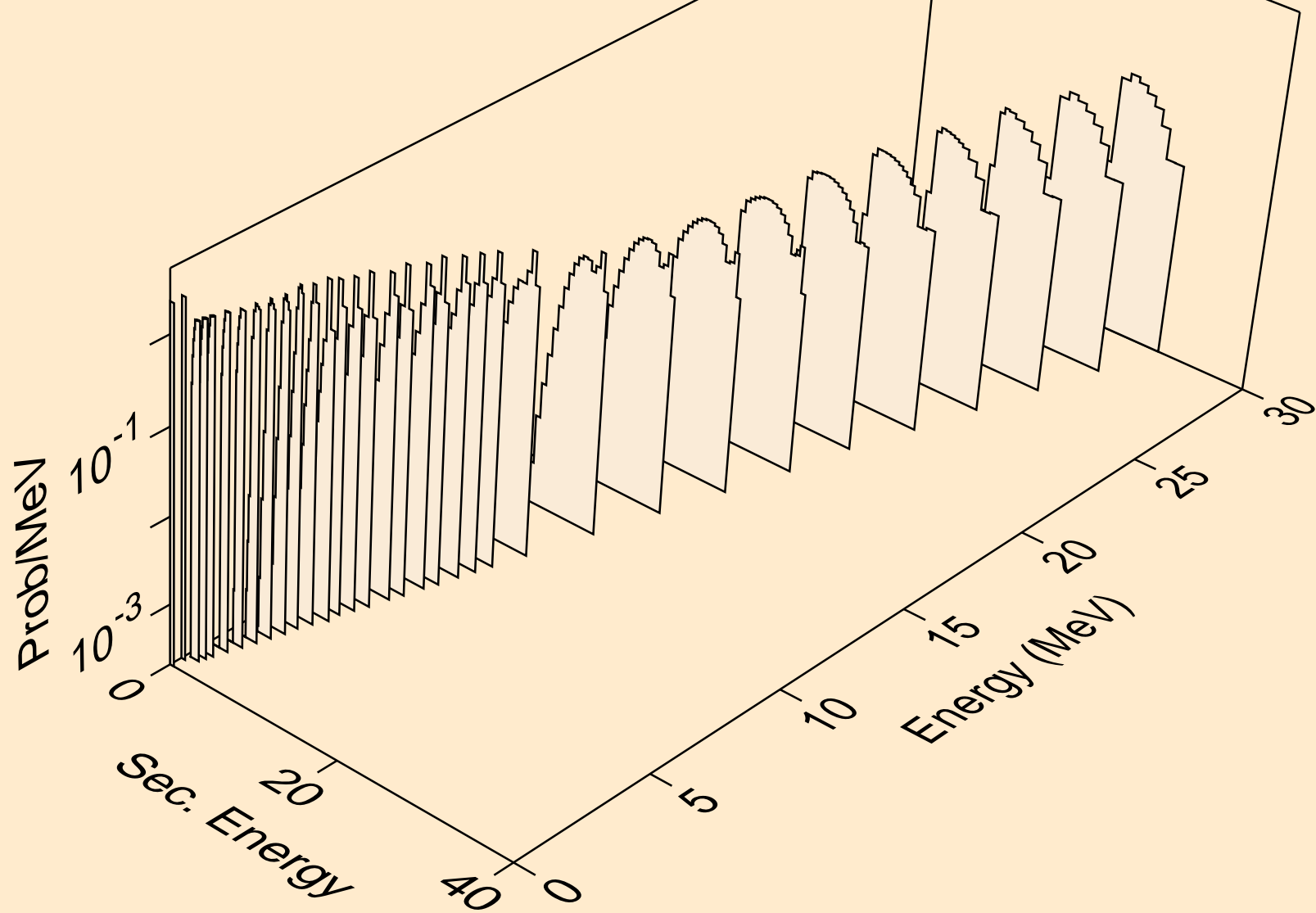




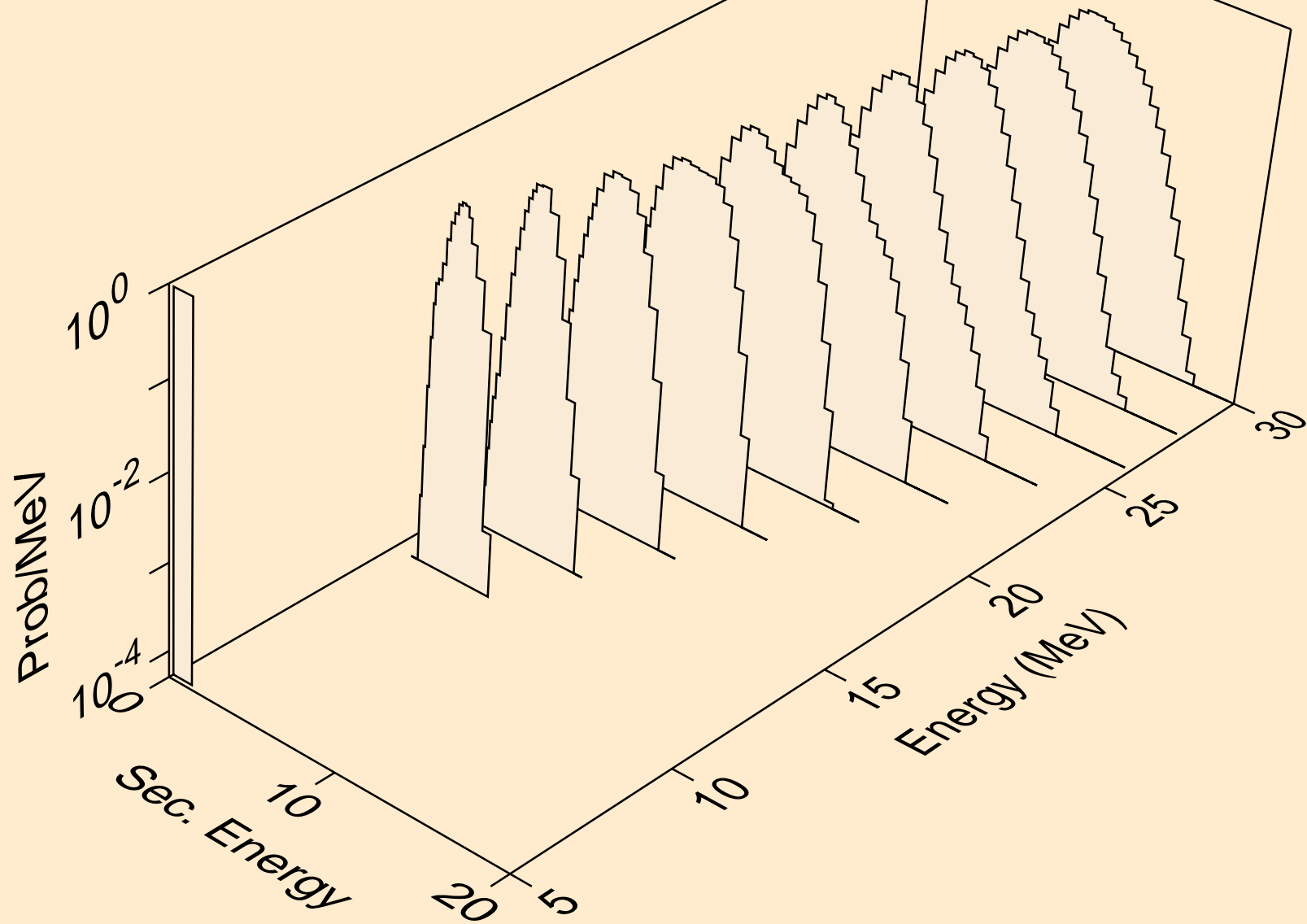
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protons from (n,npa)



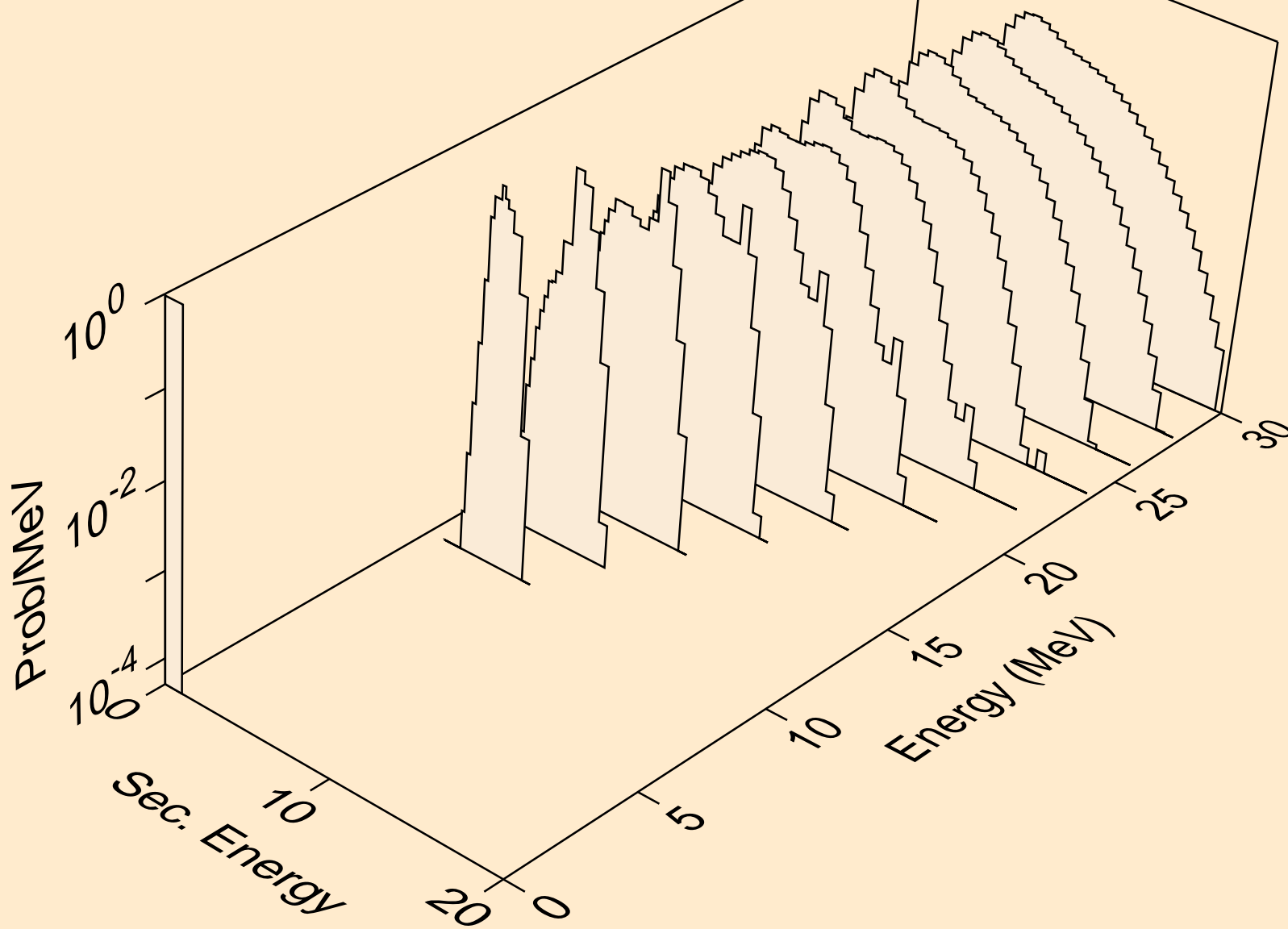
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



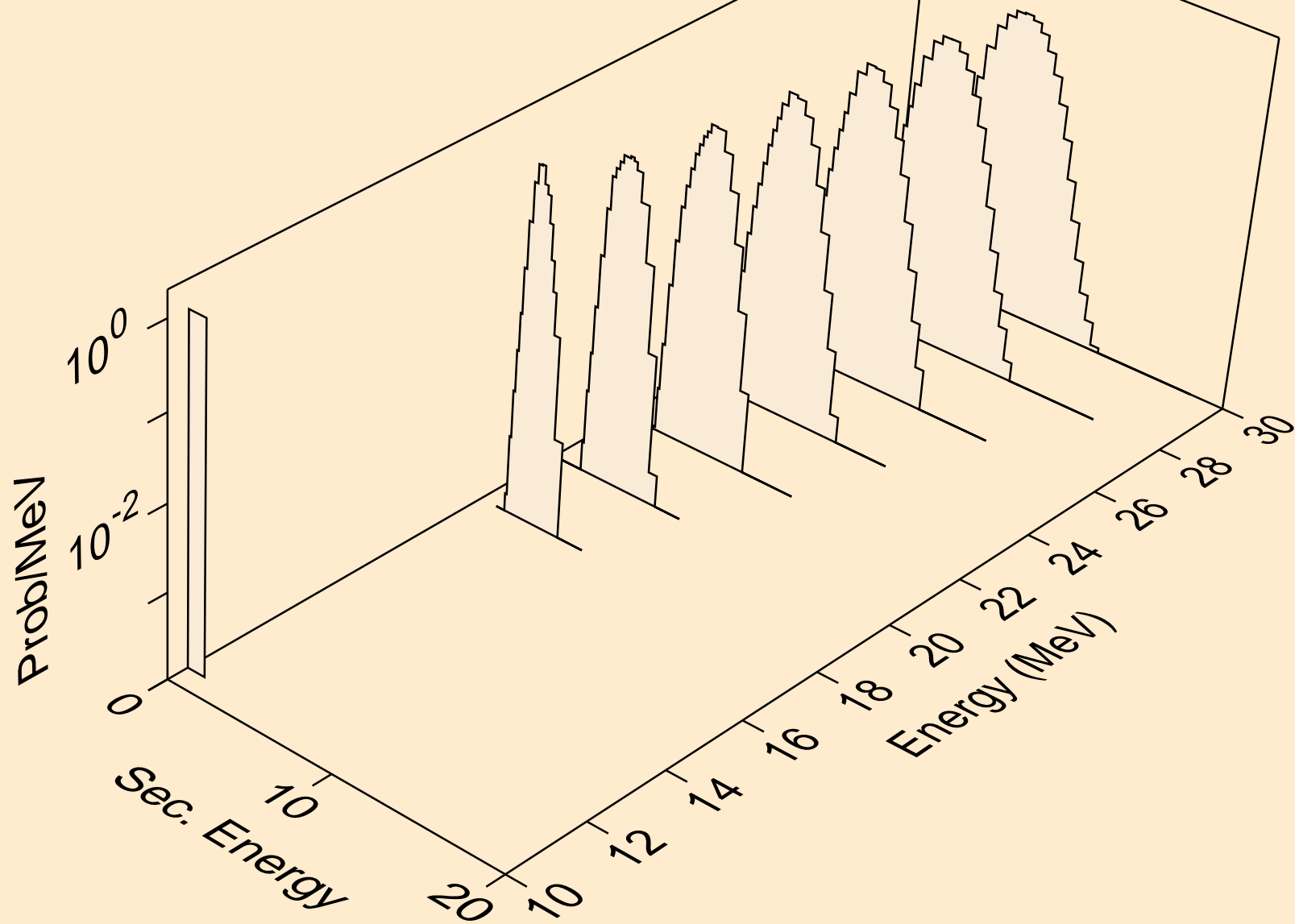
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protons from (n,2p)



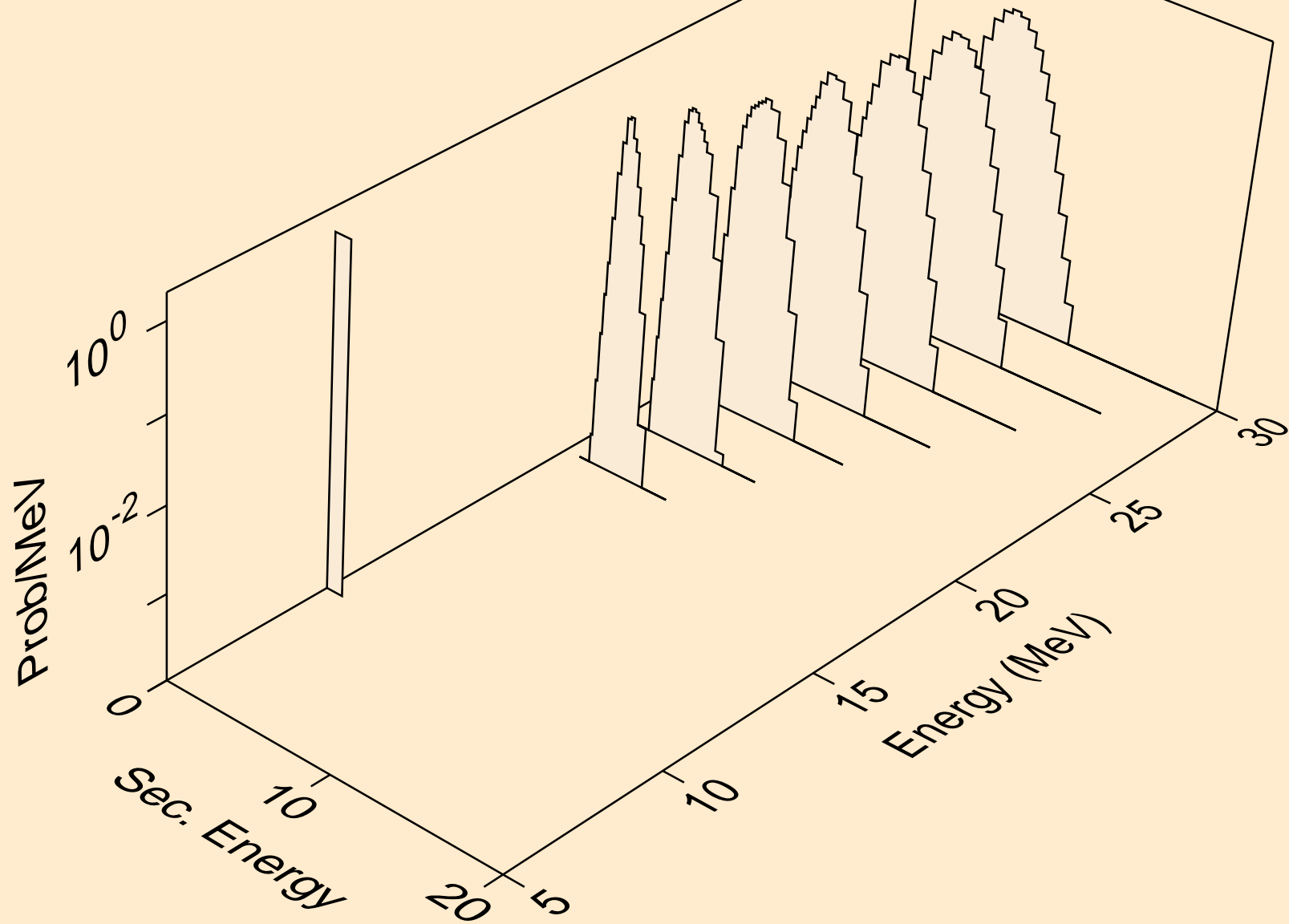
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protons from (n,pa)



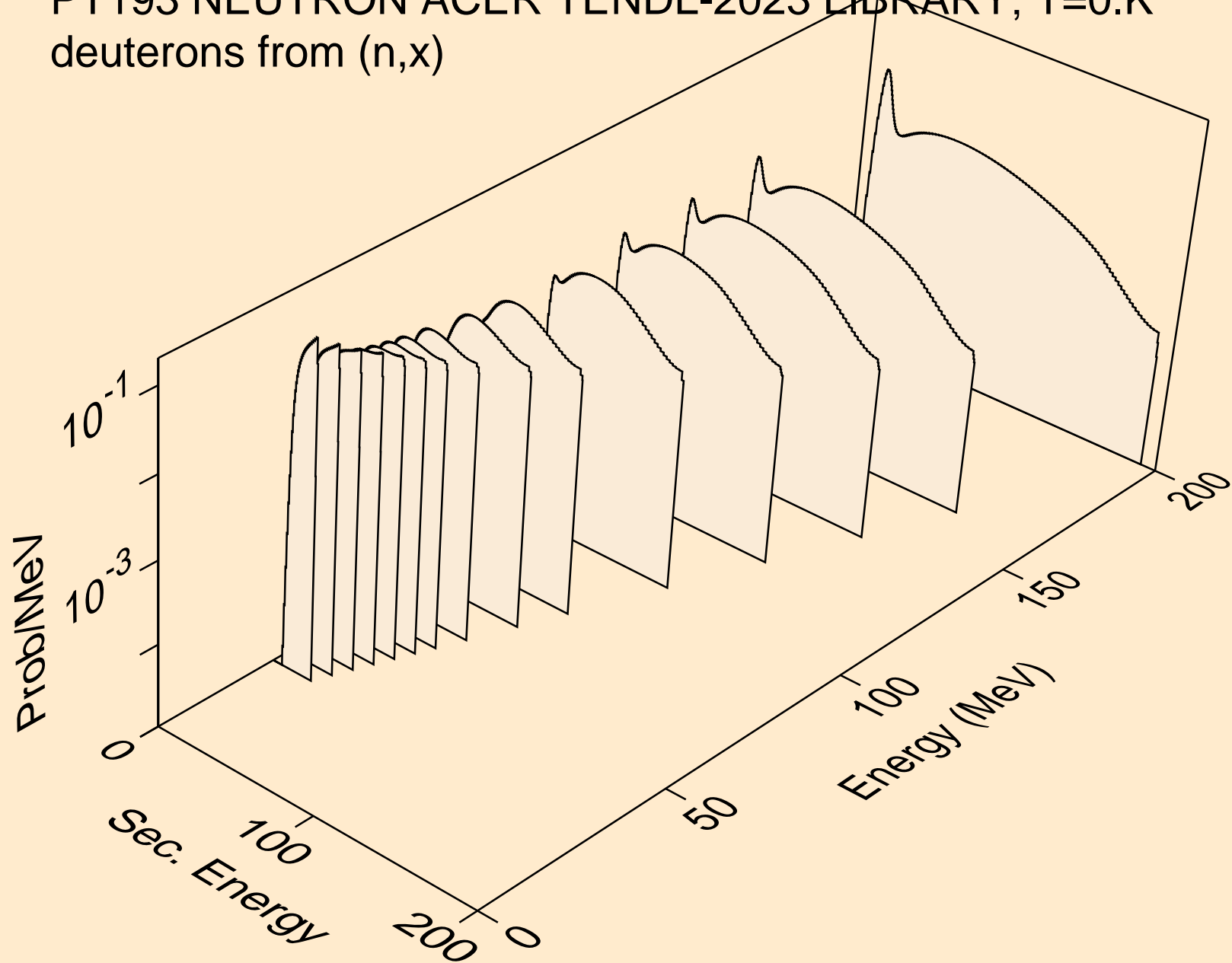
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)



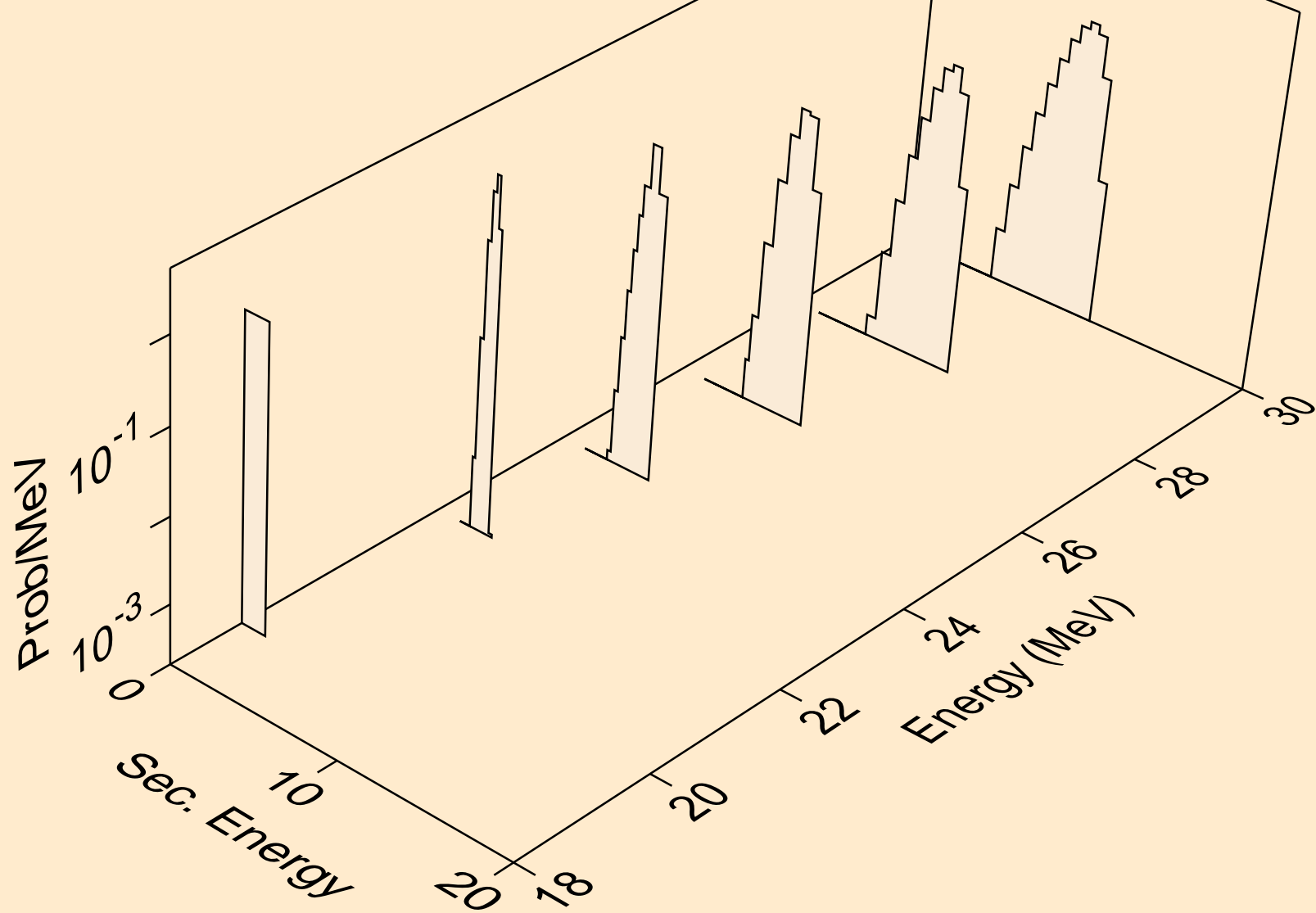
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pt)



PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

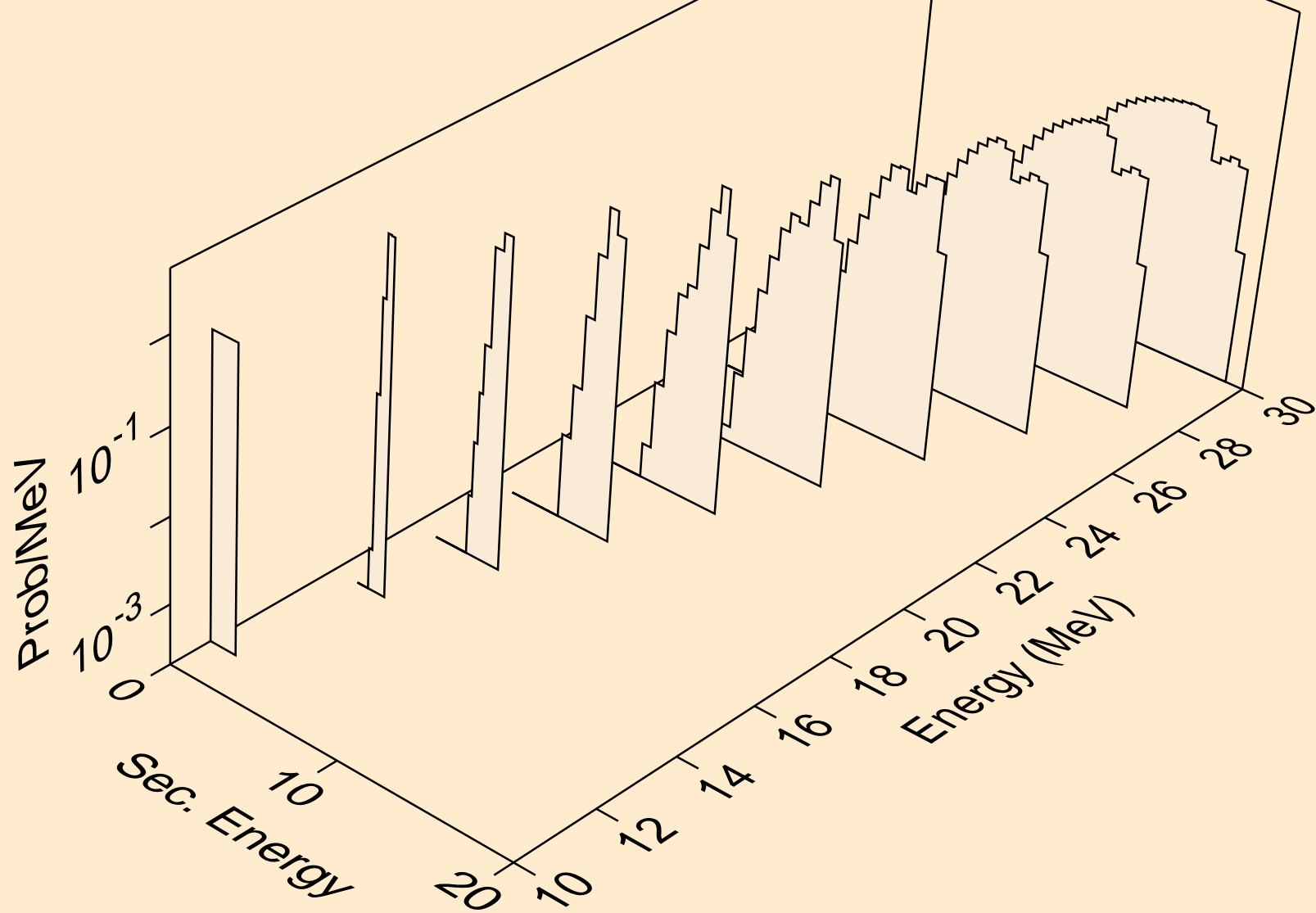


PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)

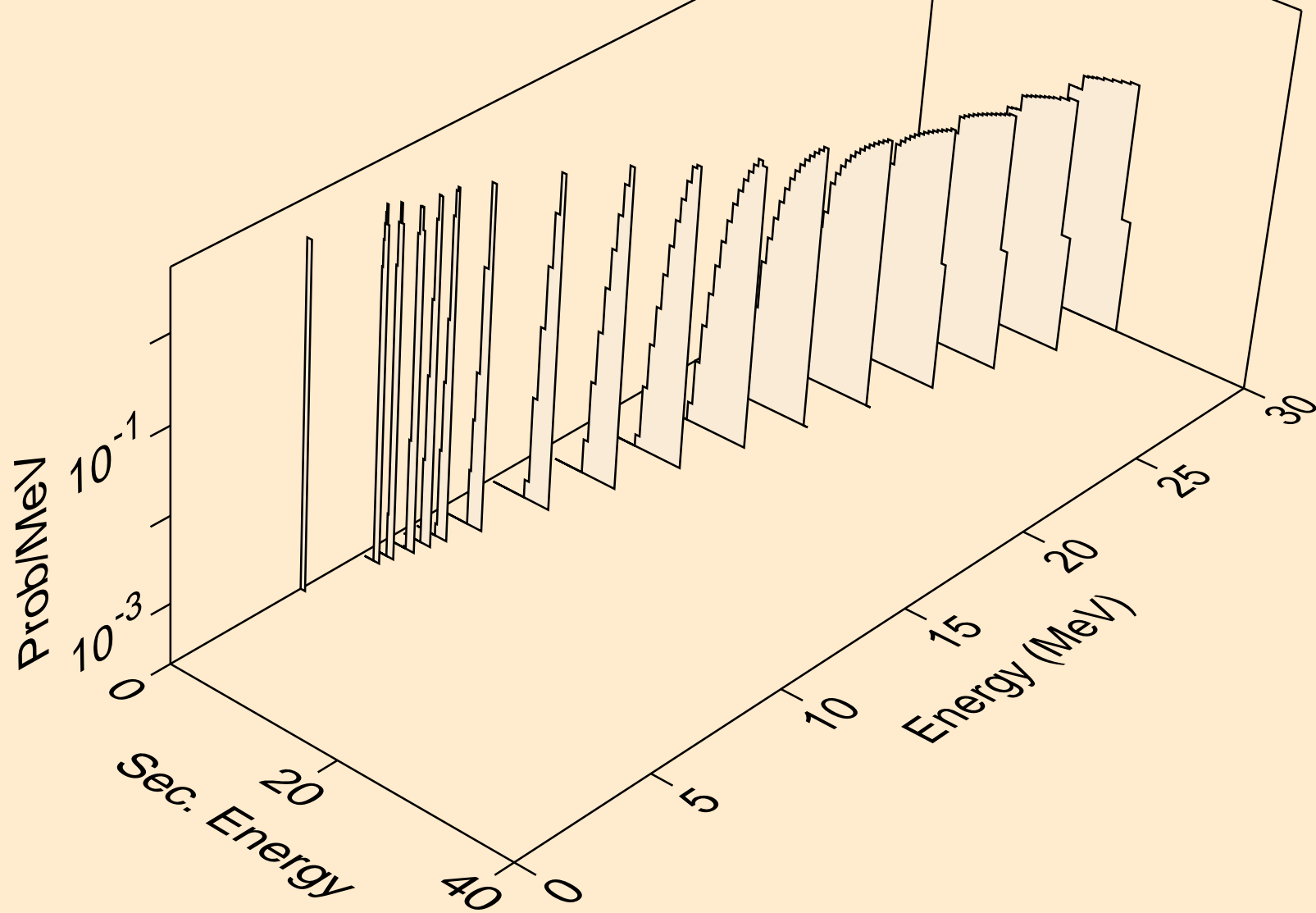




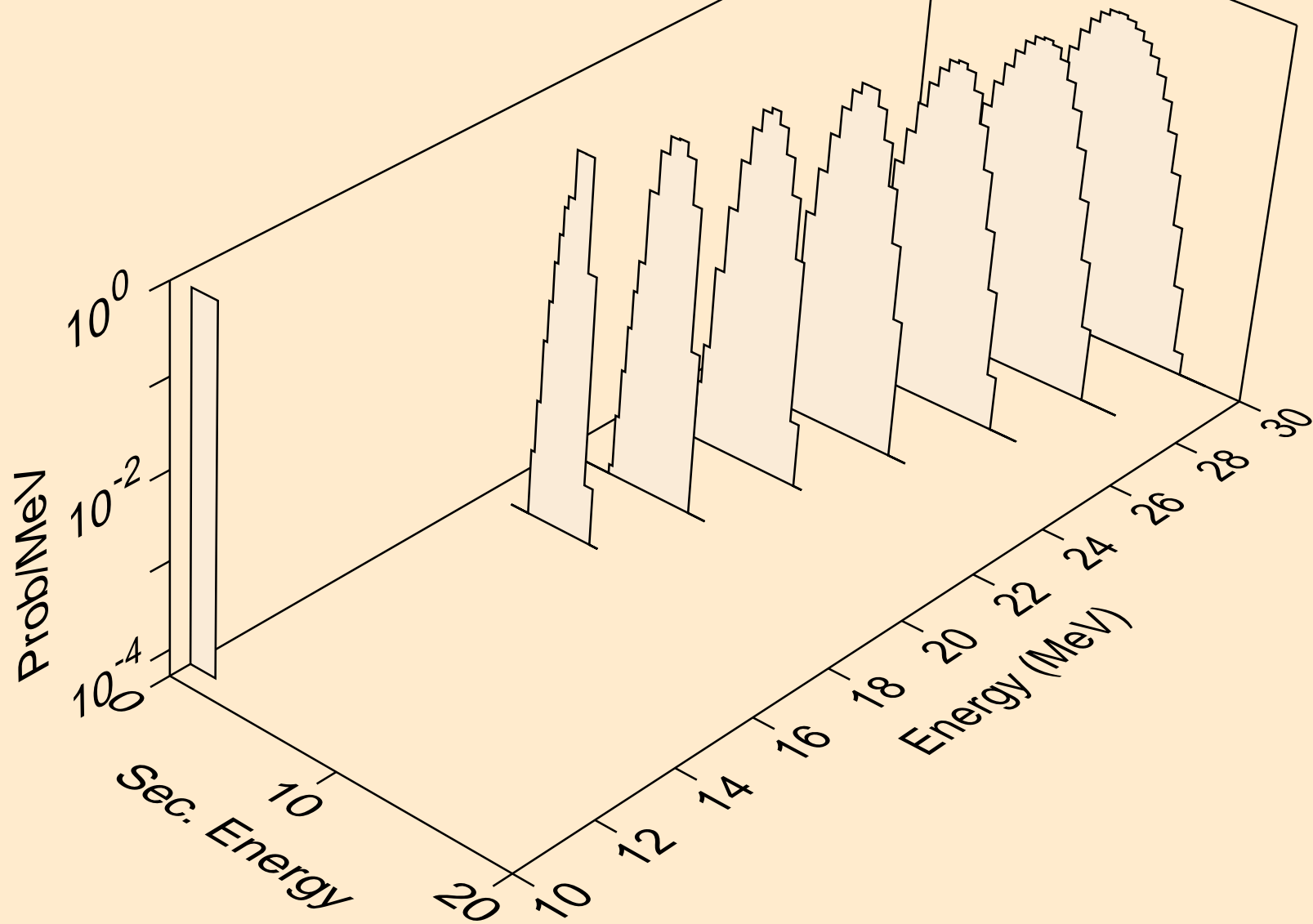
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



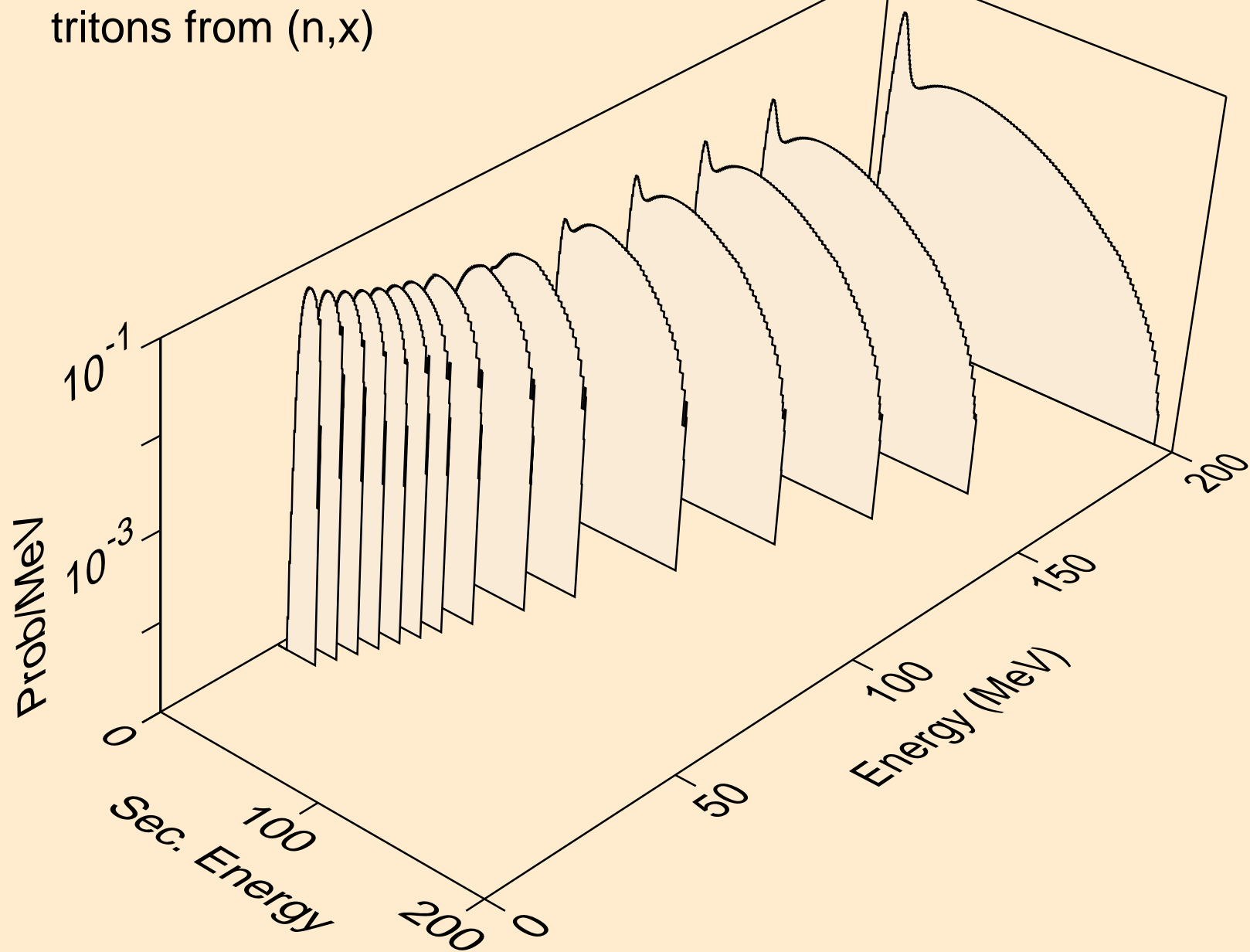
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deuterons from (n,d)



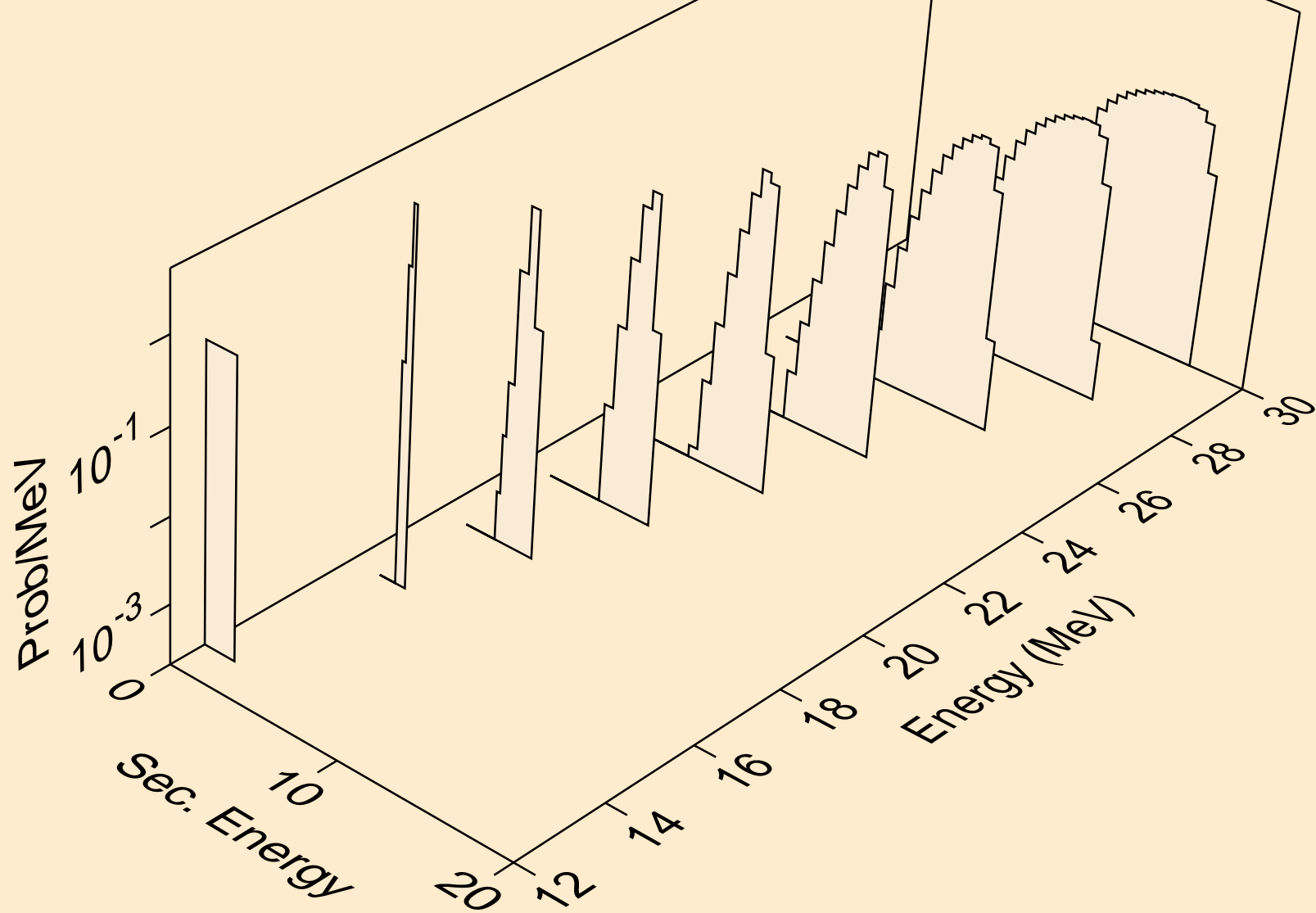
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)



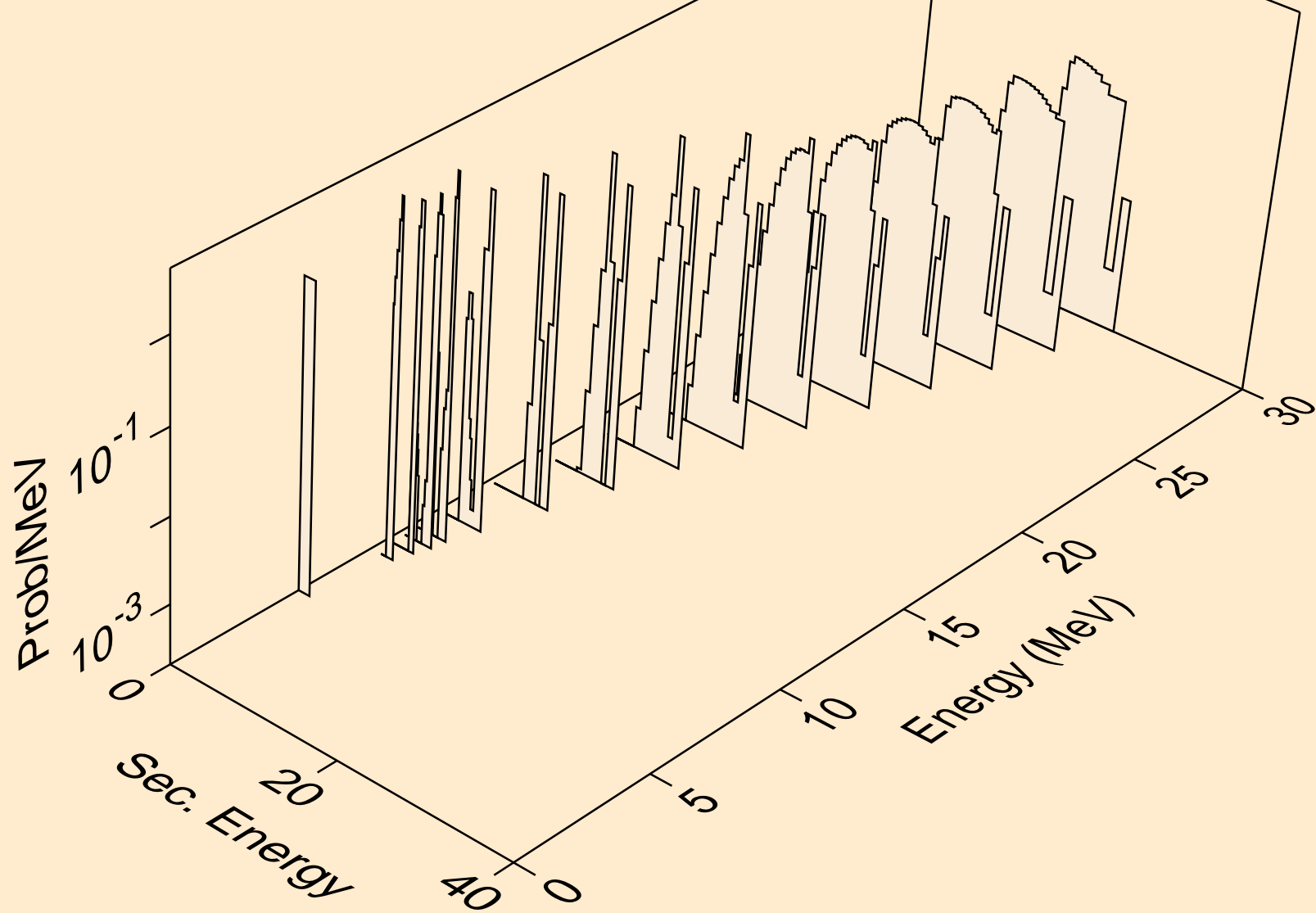
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



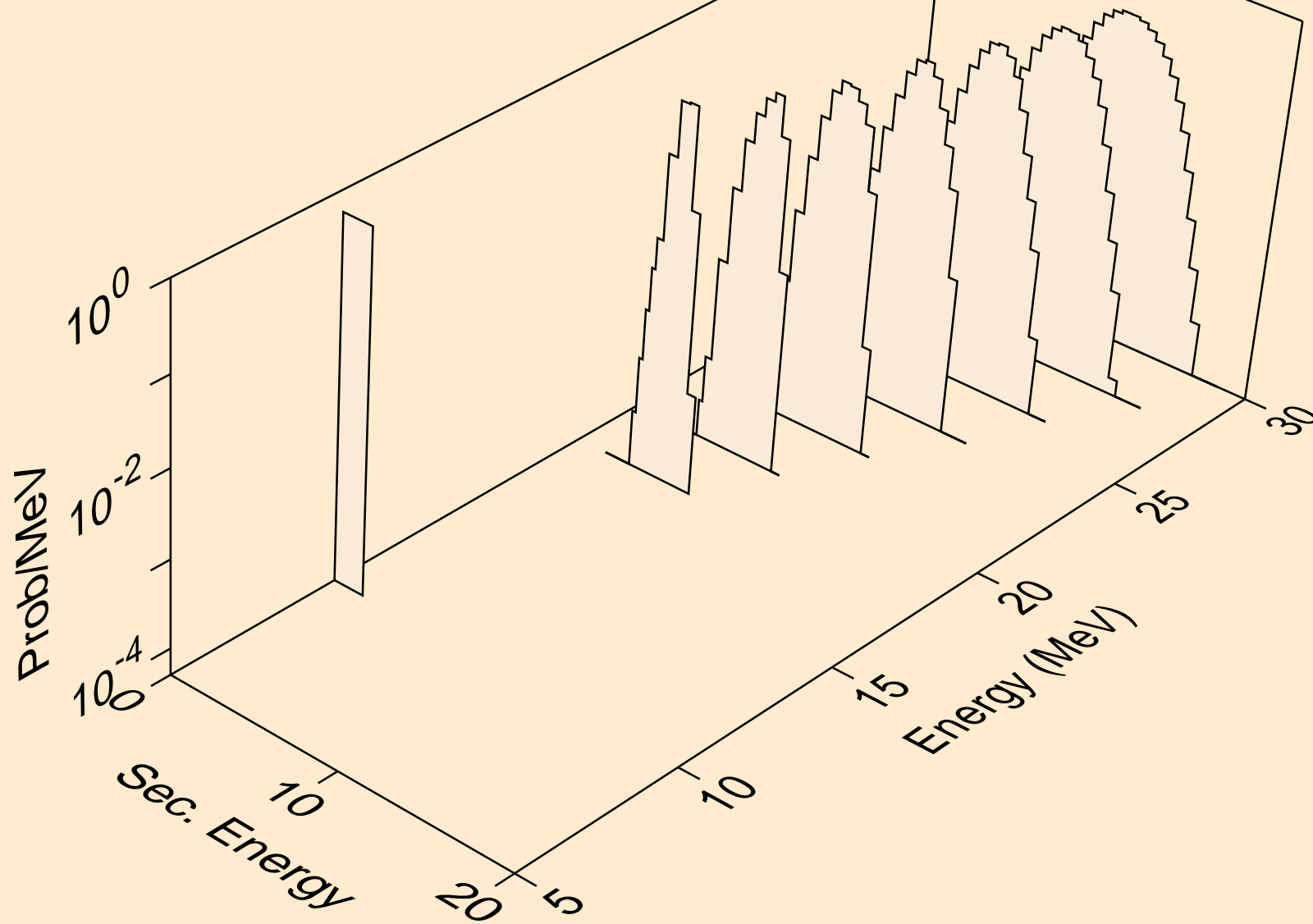
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



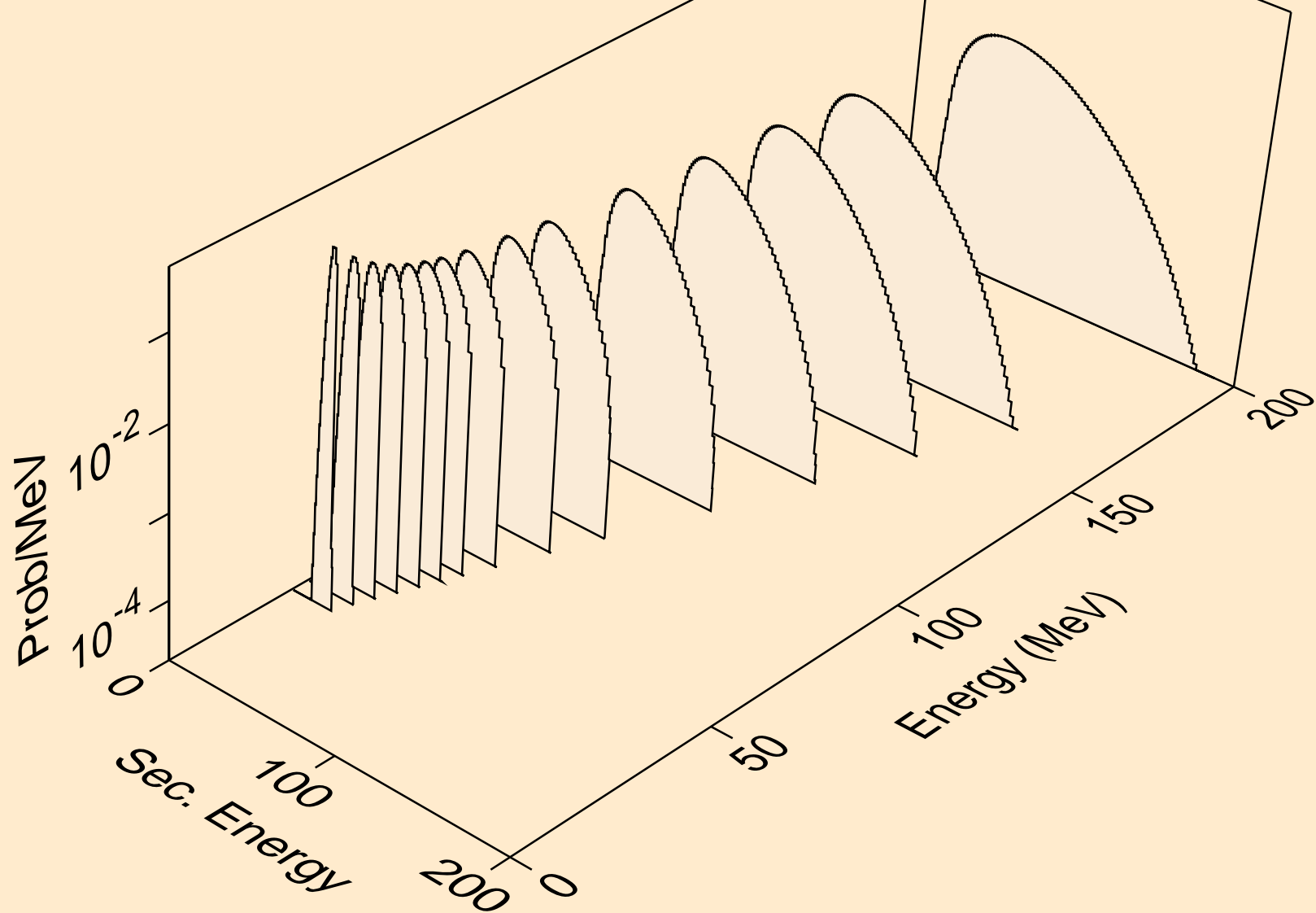
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)

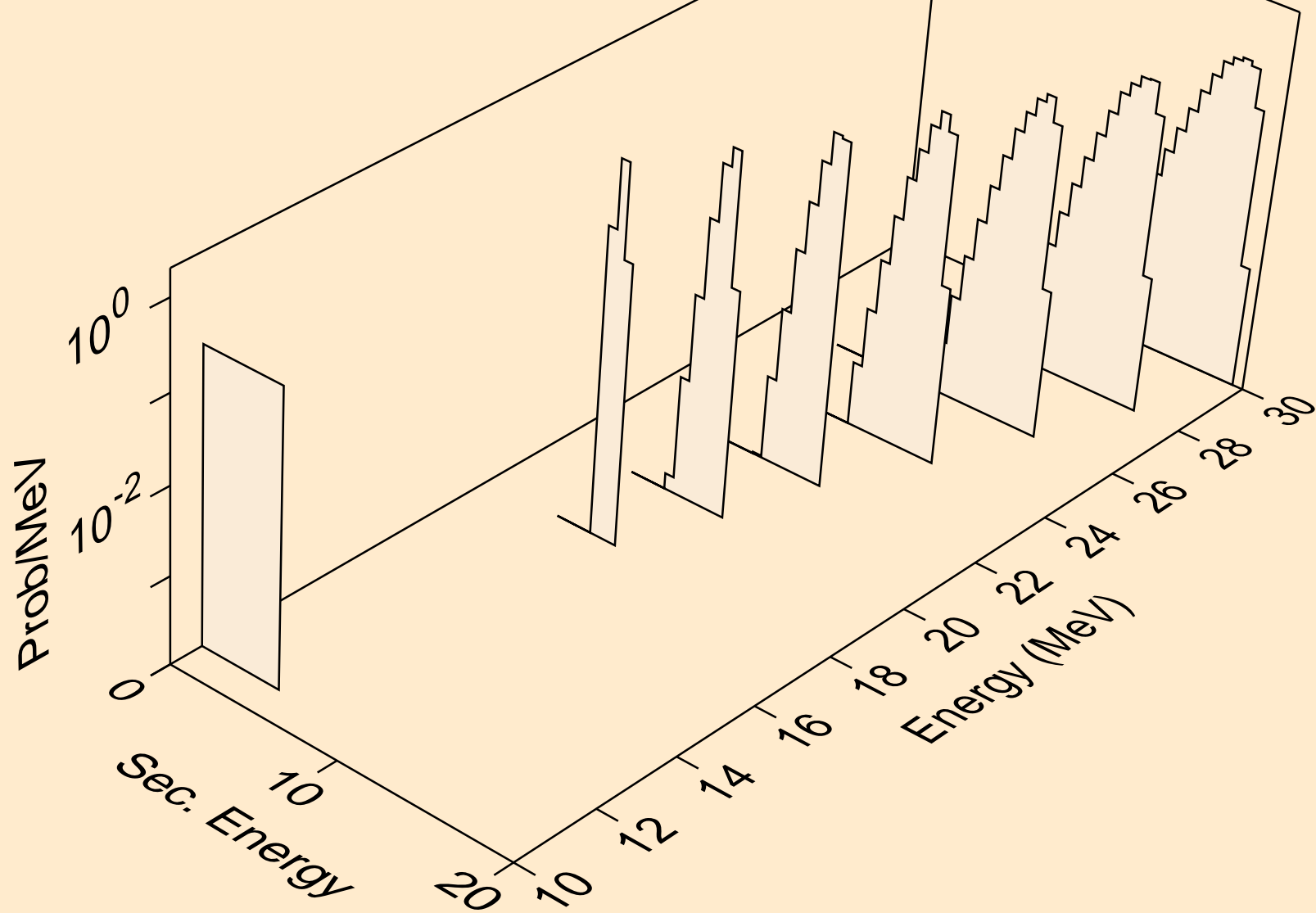


PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

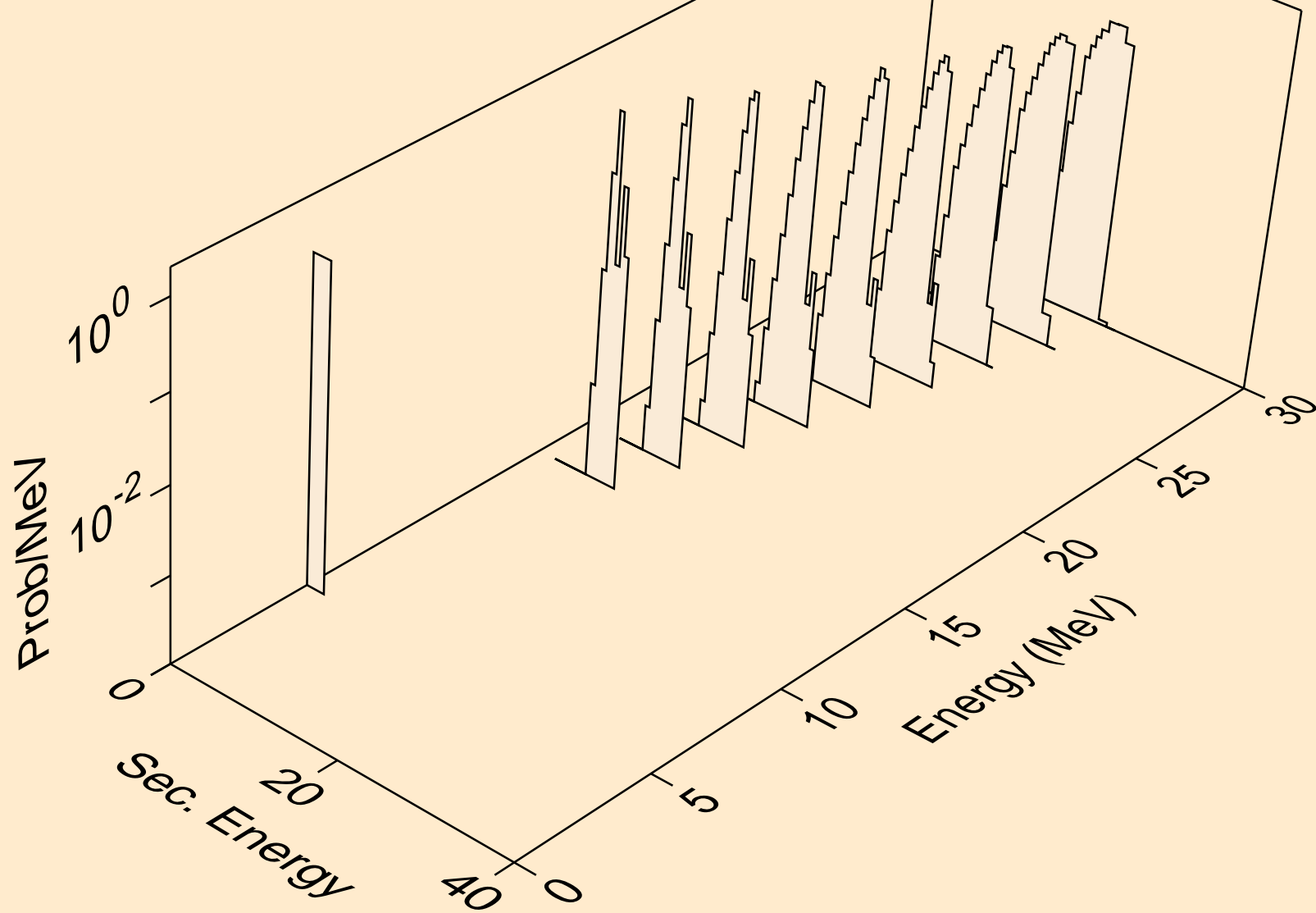




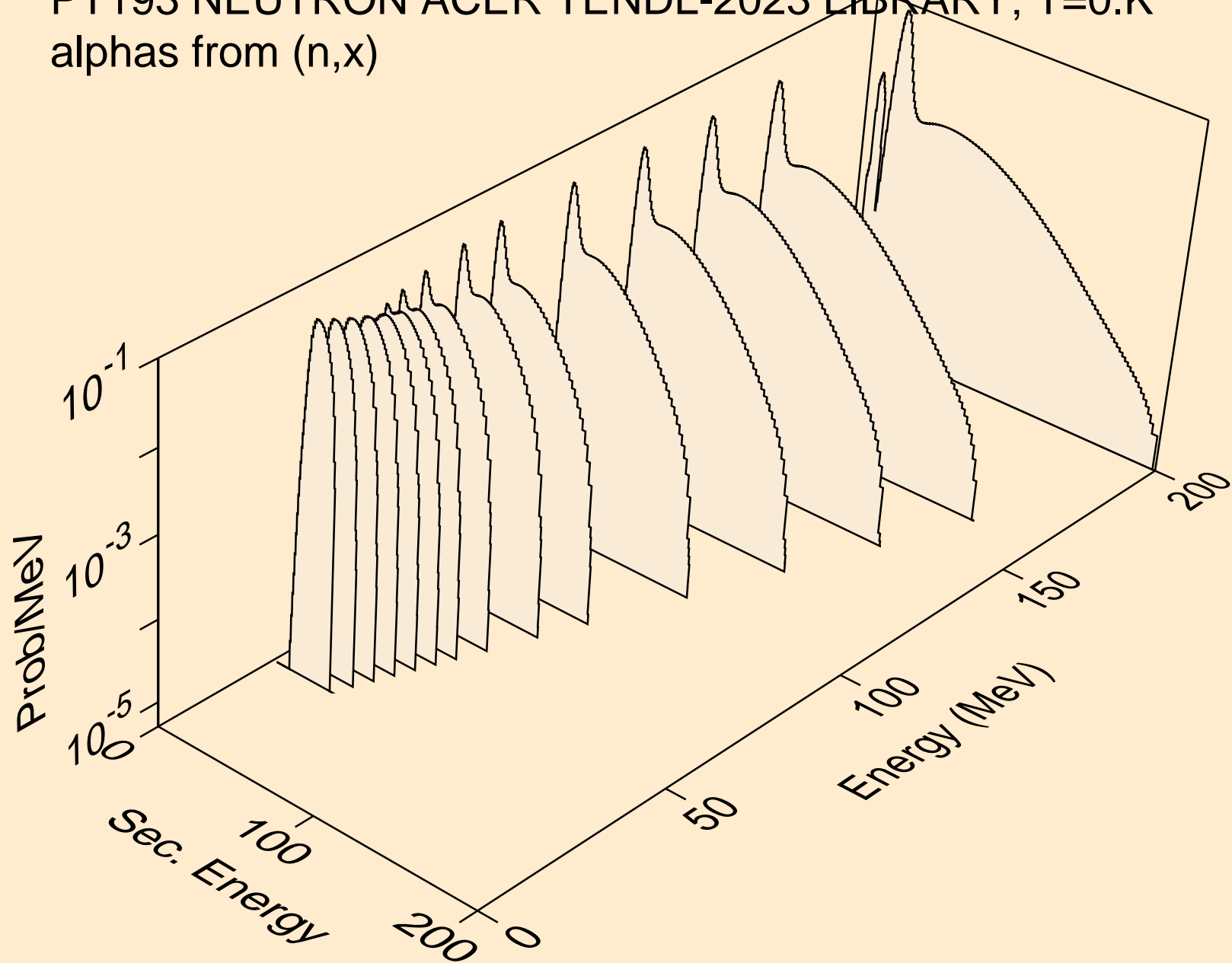
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



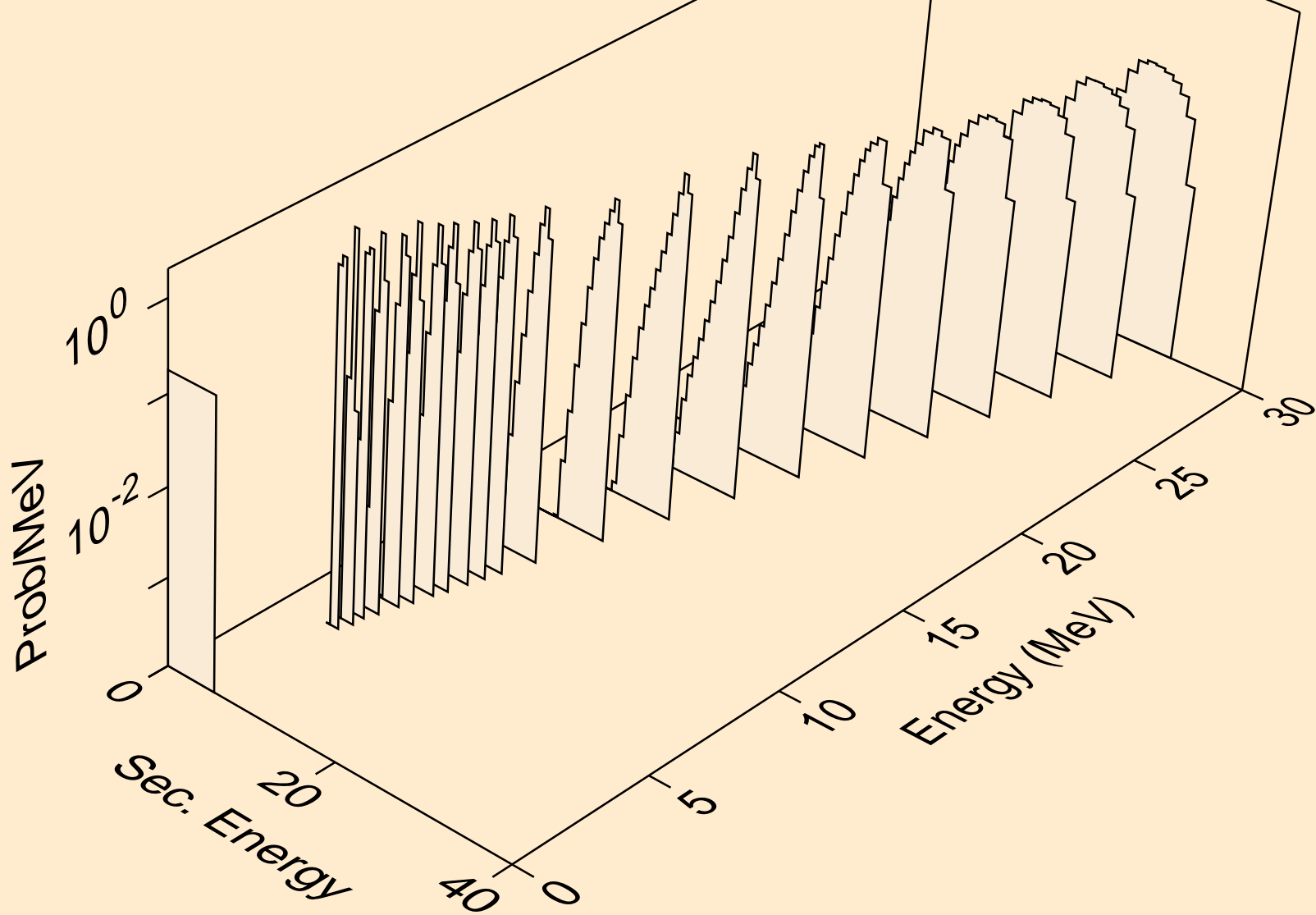
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he3s from (n,he3)



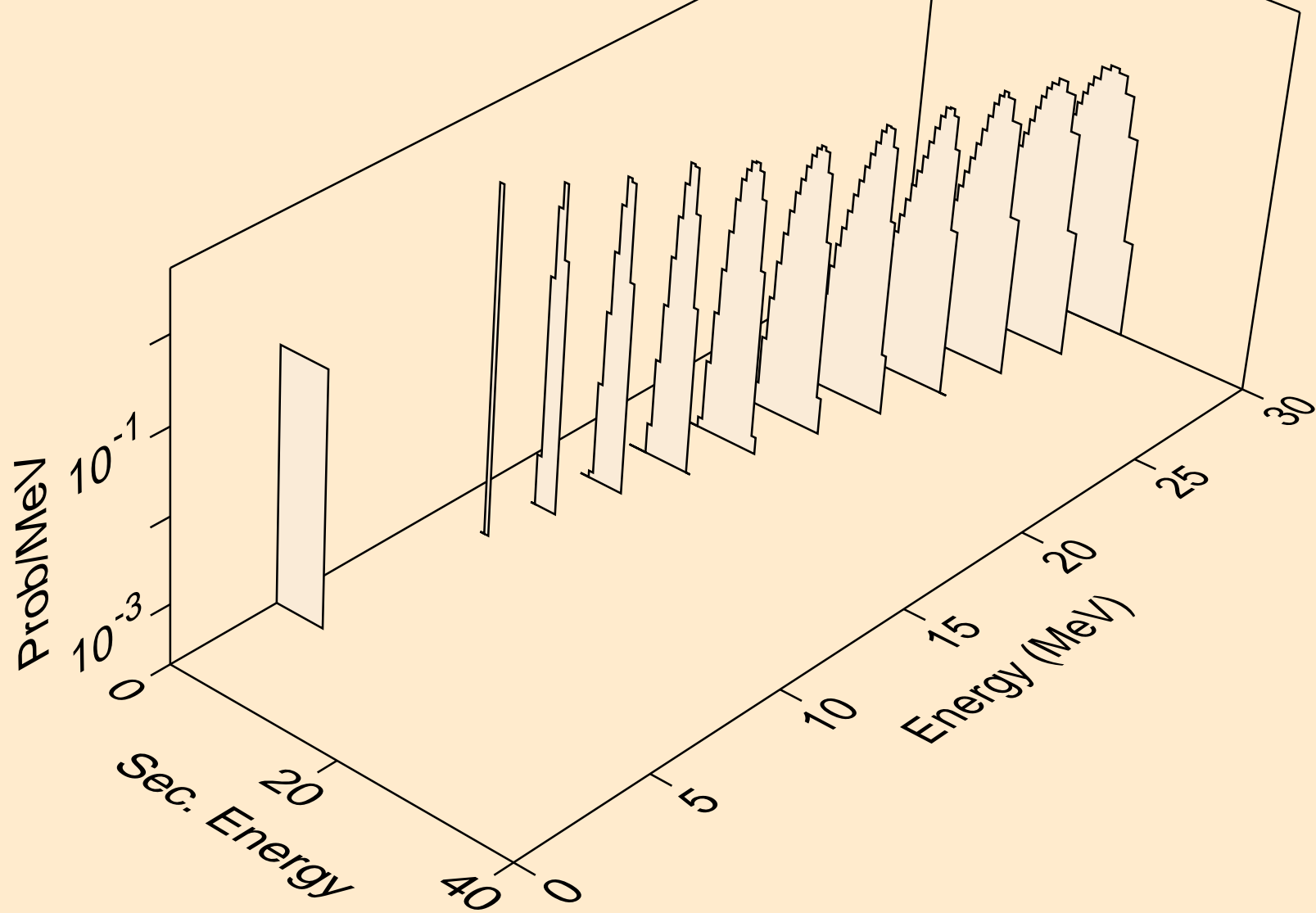
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



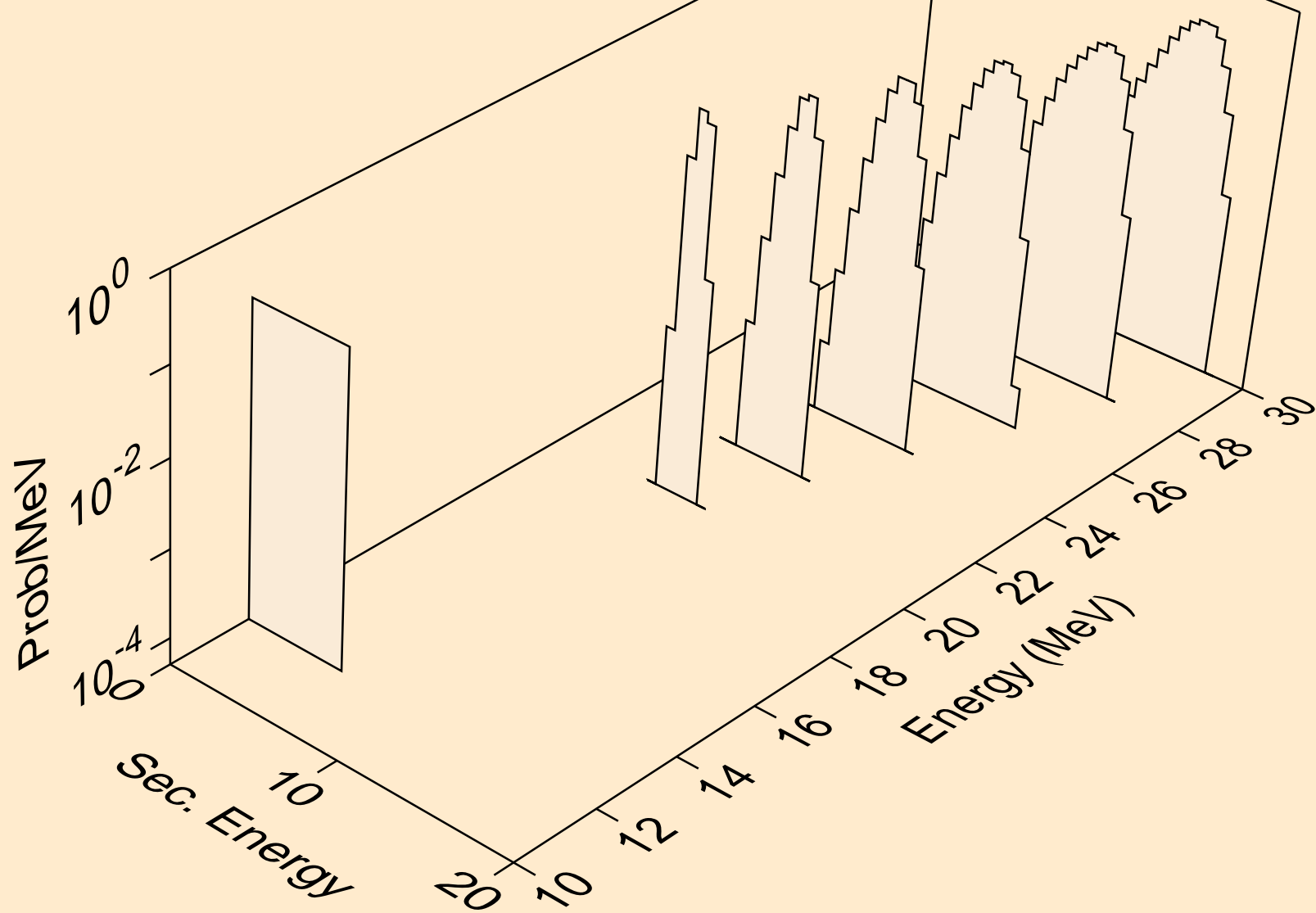
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alphas from (n,n\*)a



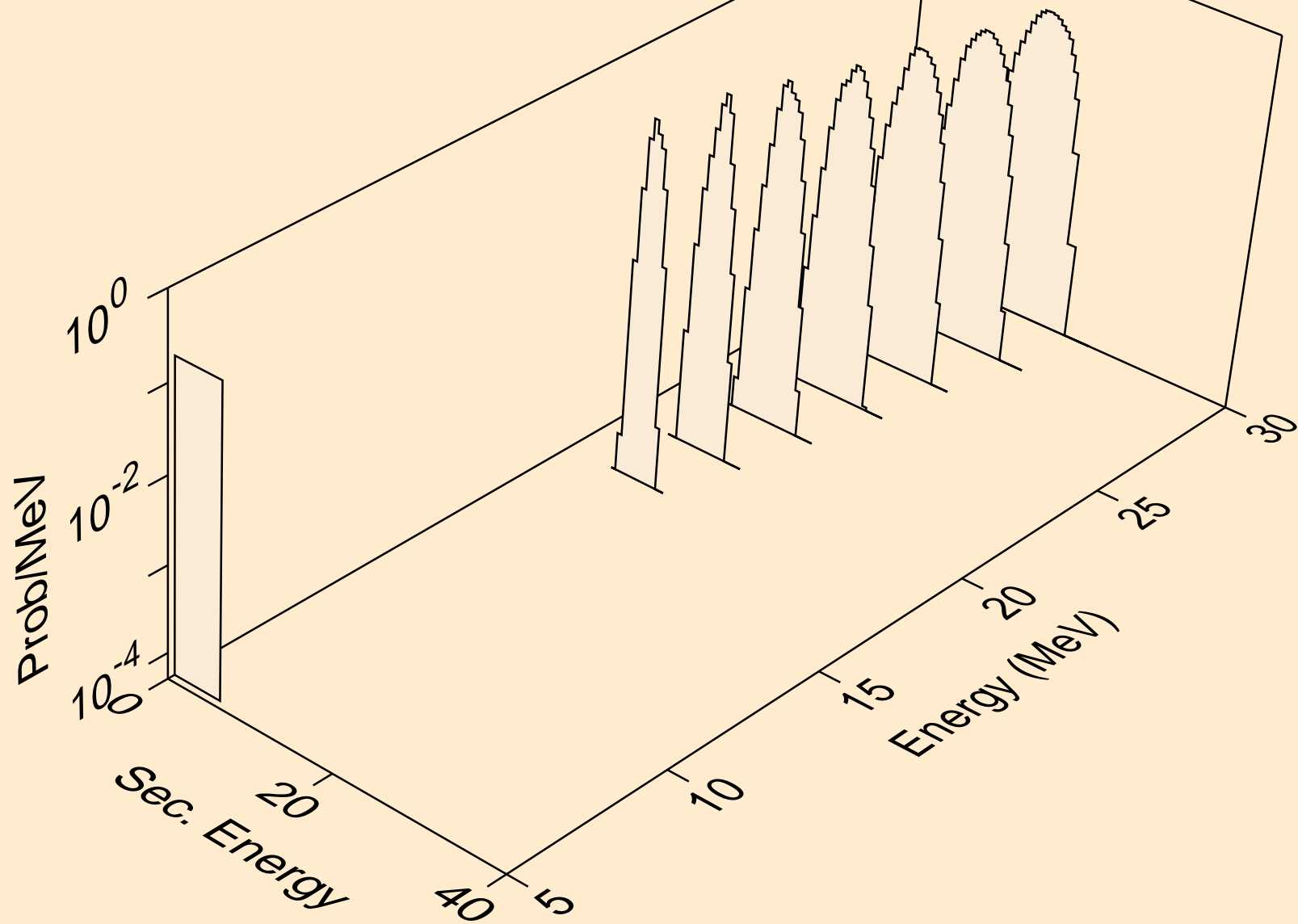
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alphas from (n,2n)a



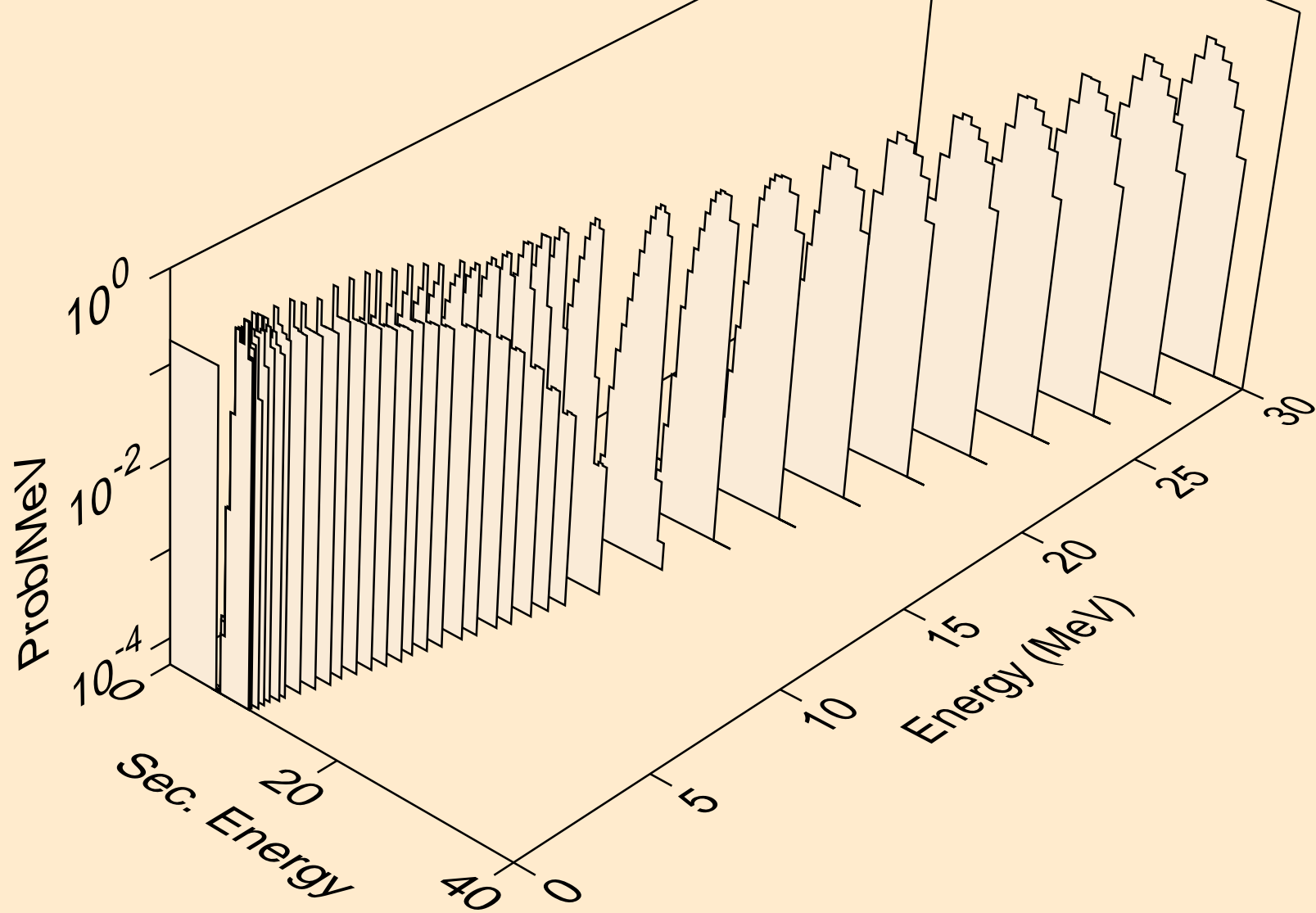
PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)

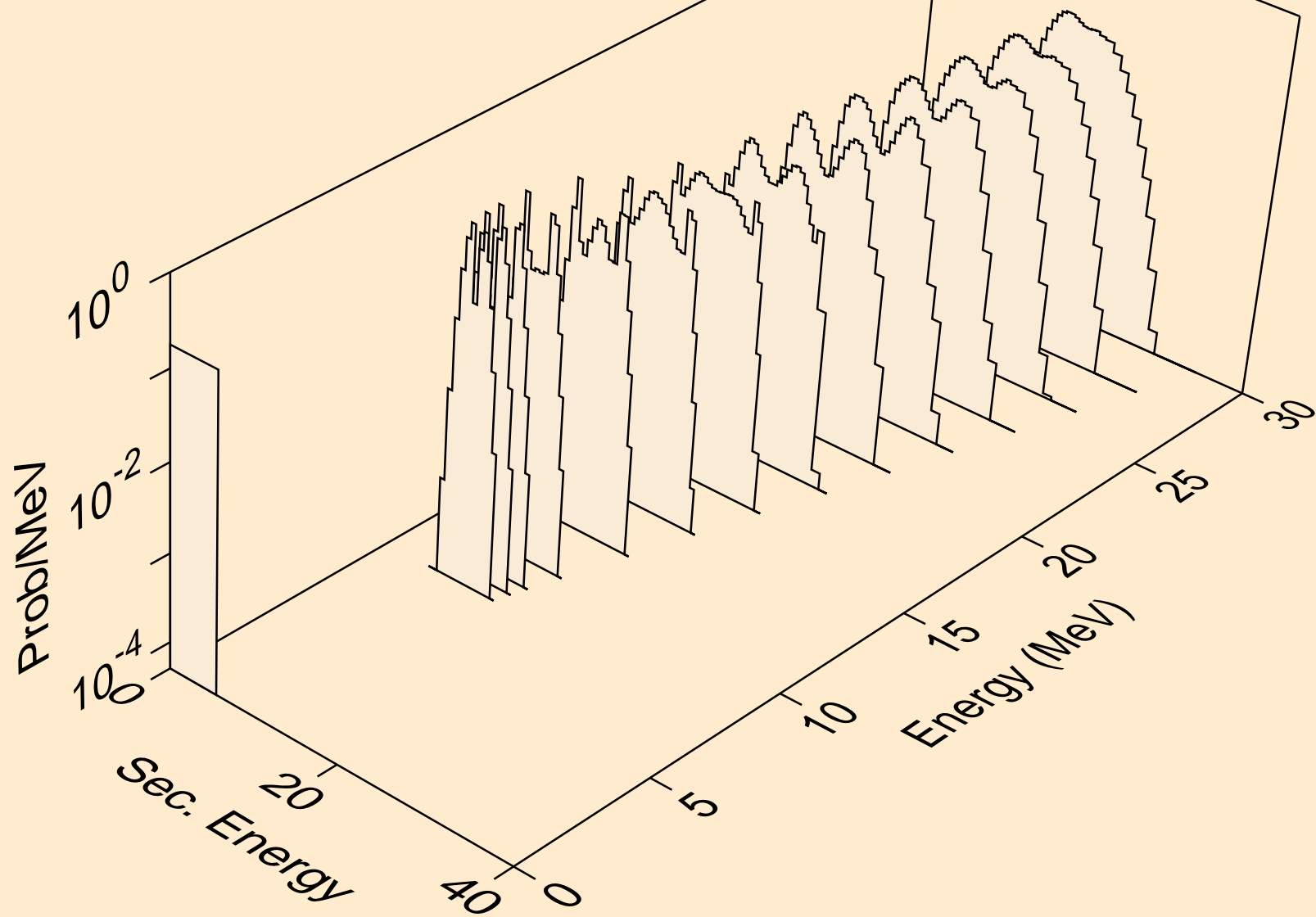


PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)





PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



PT193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)

