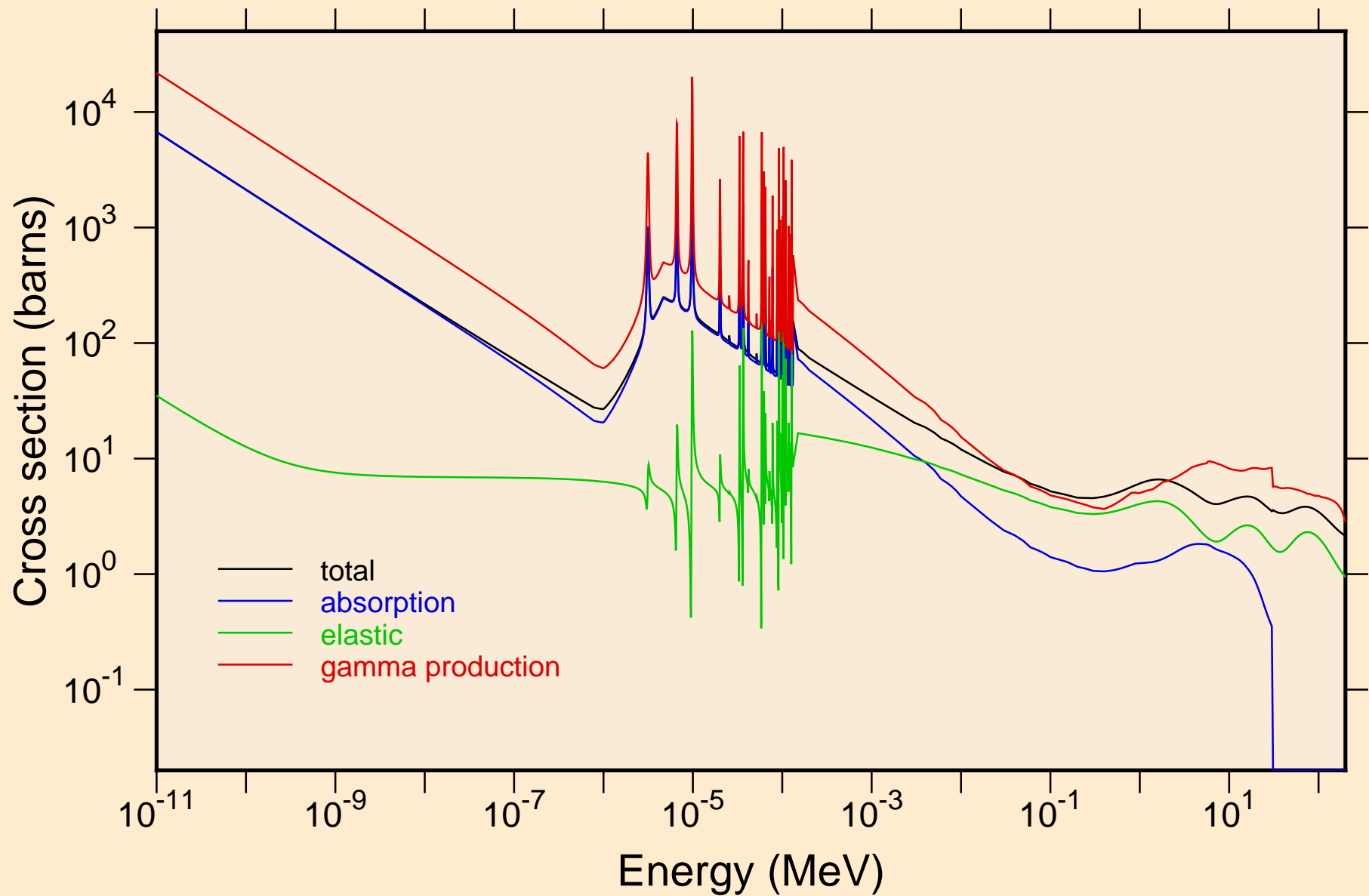
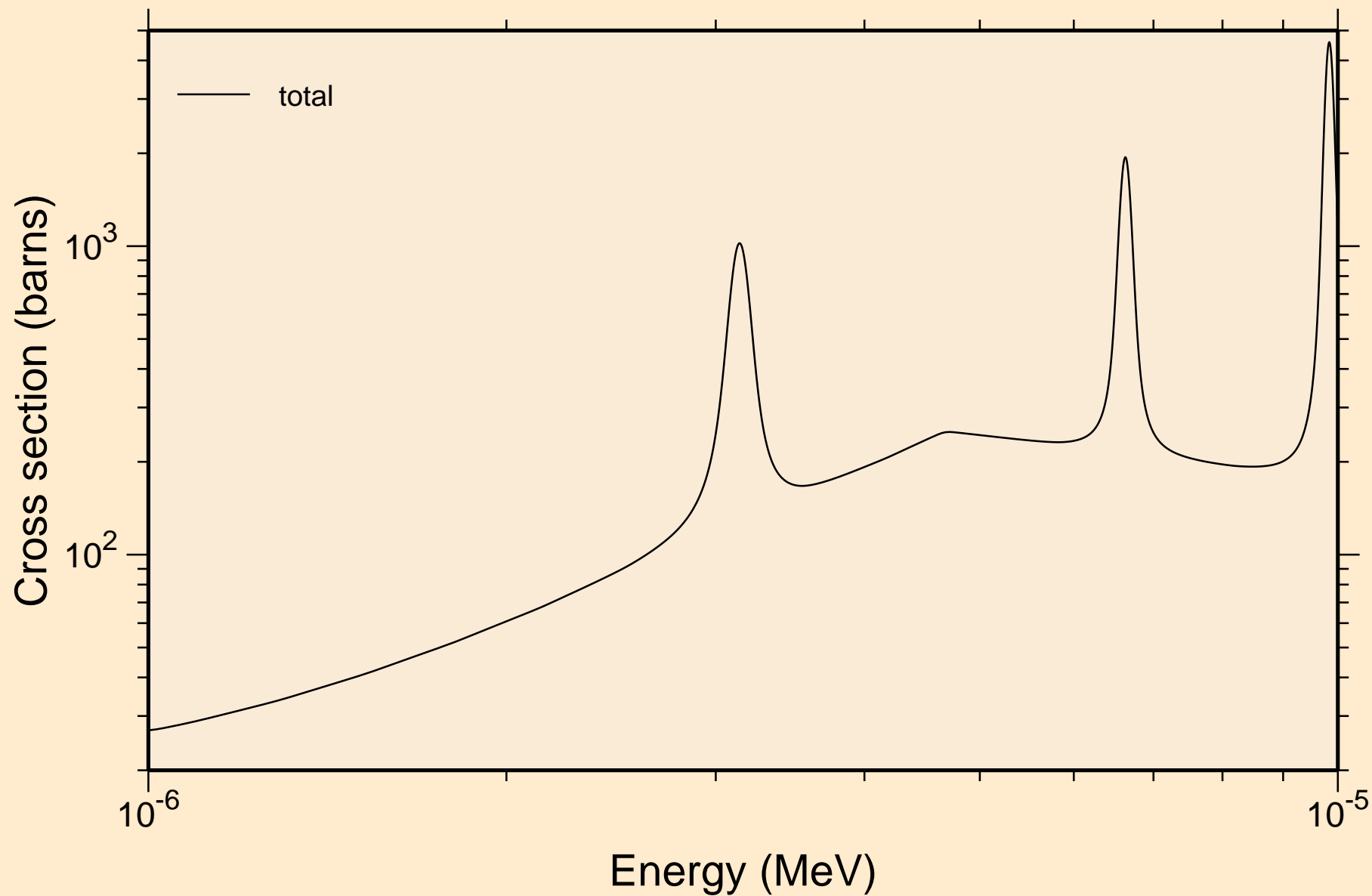


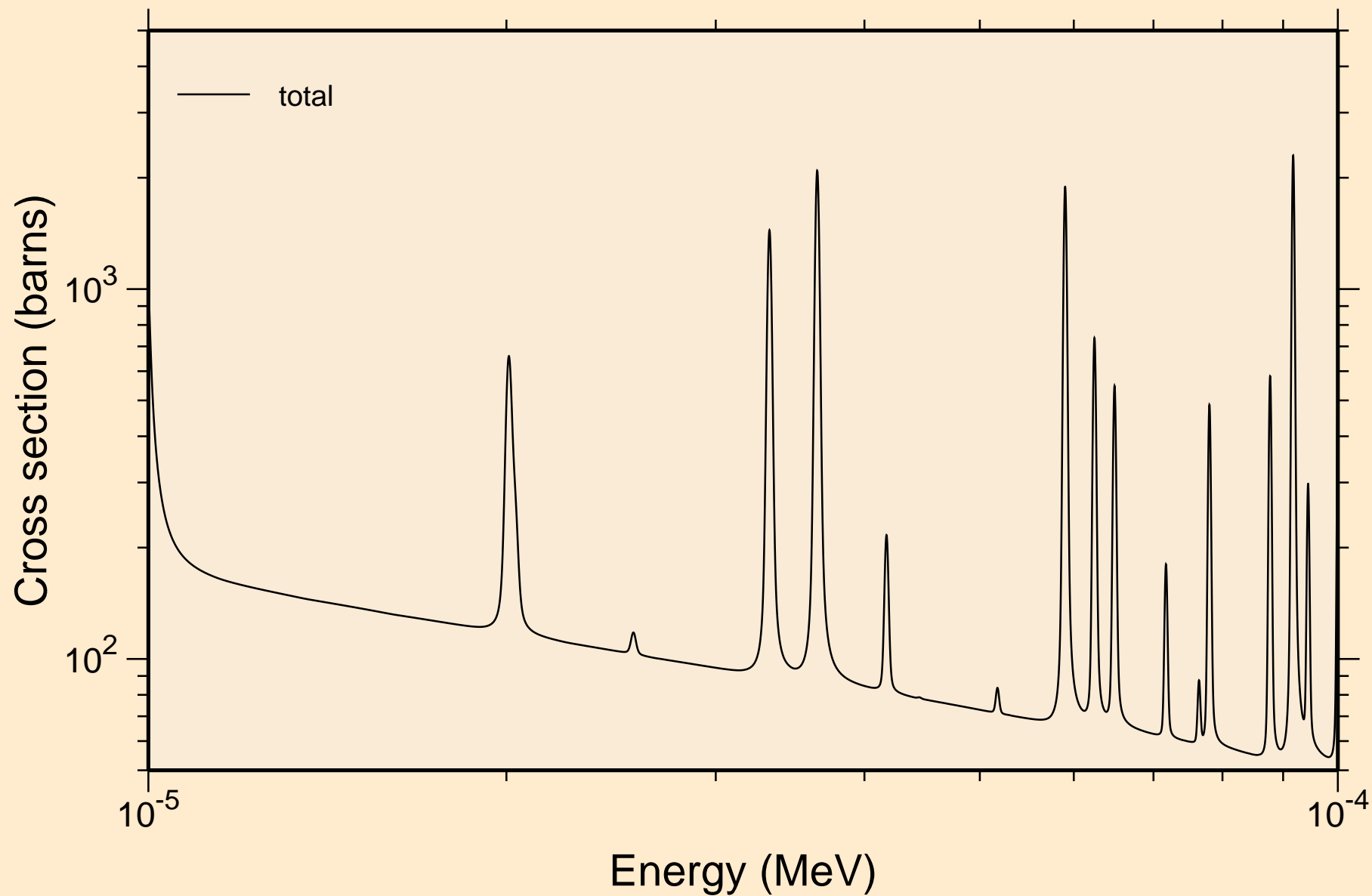
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



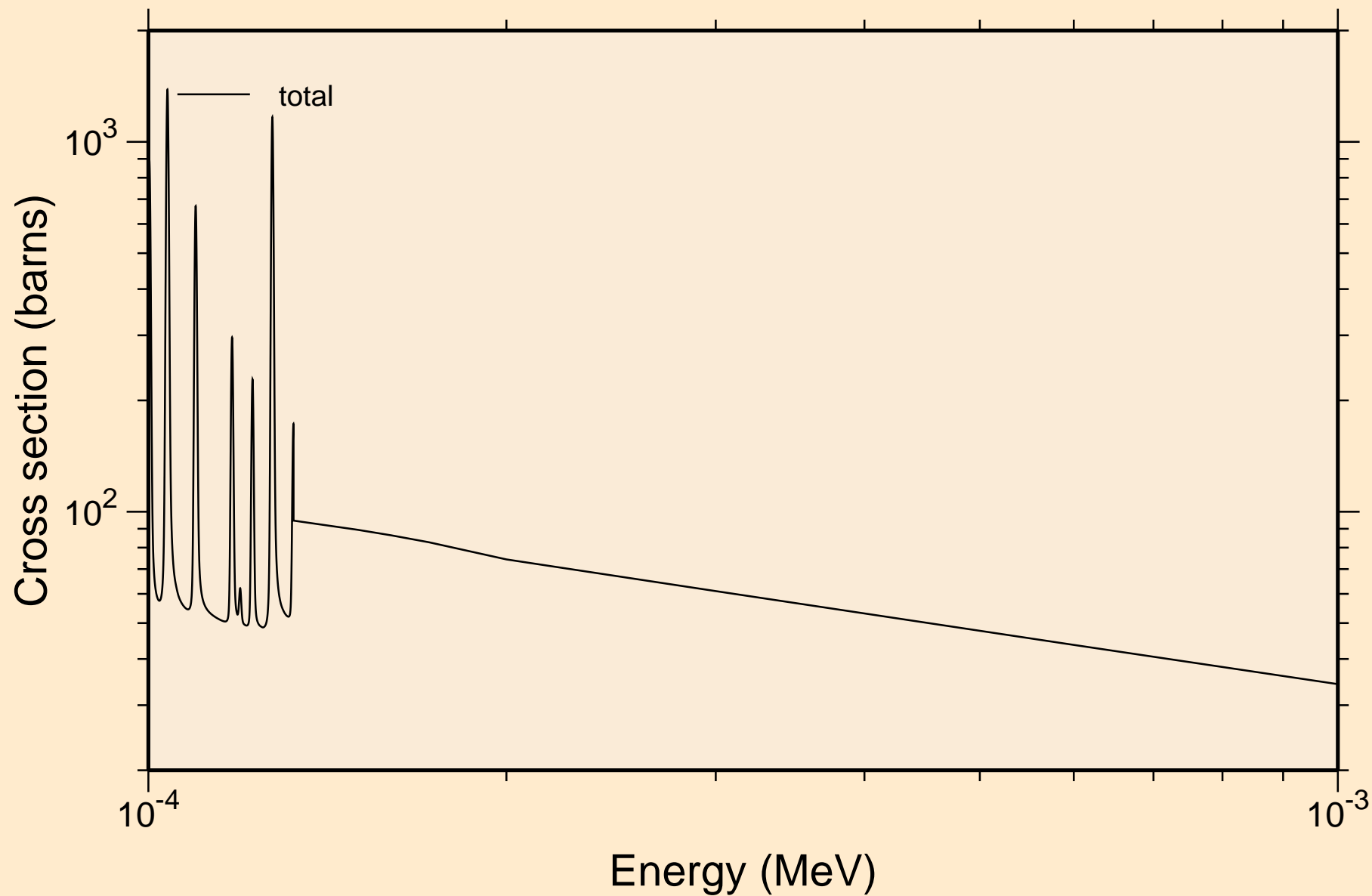
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



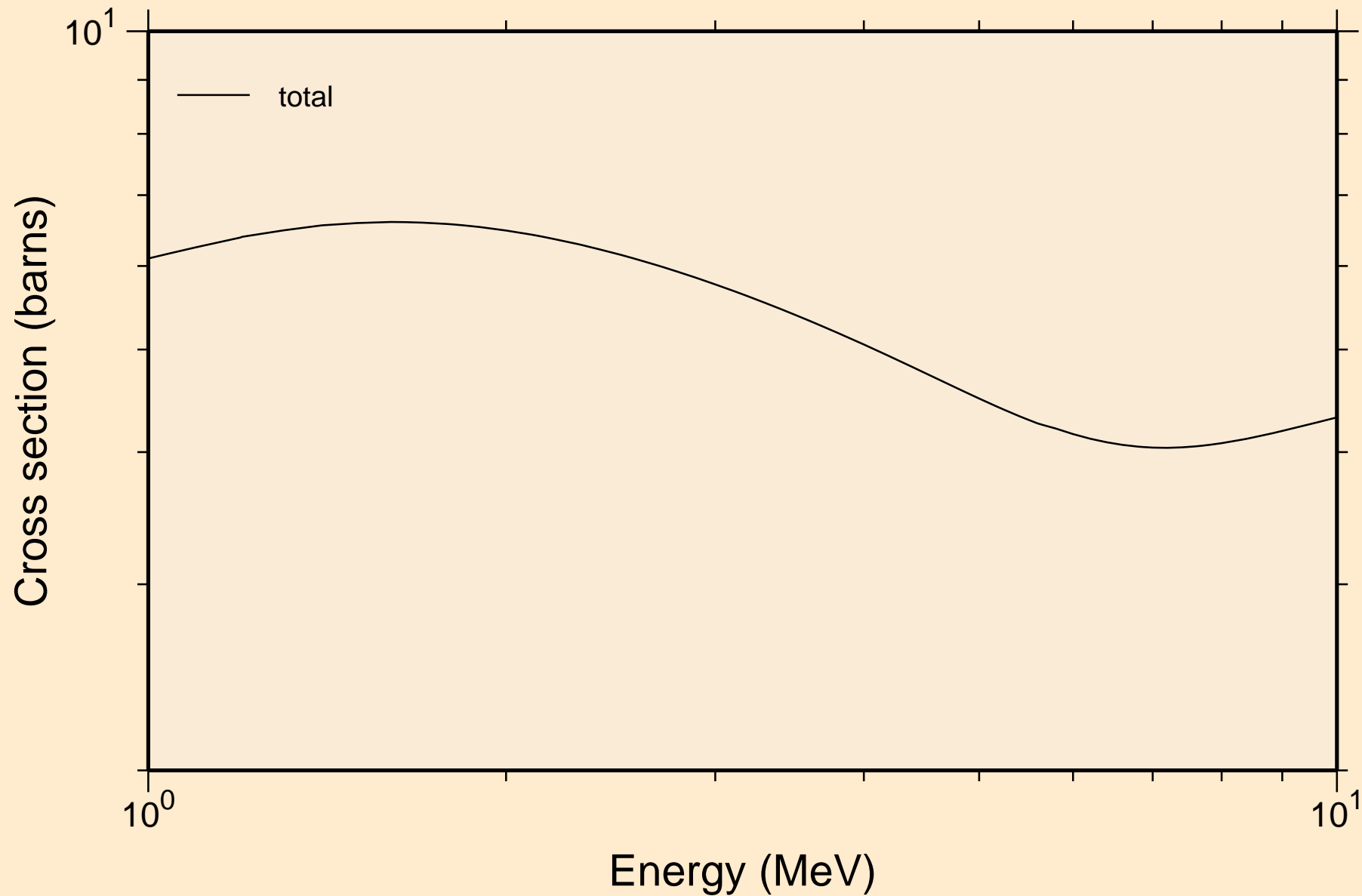
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



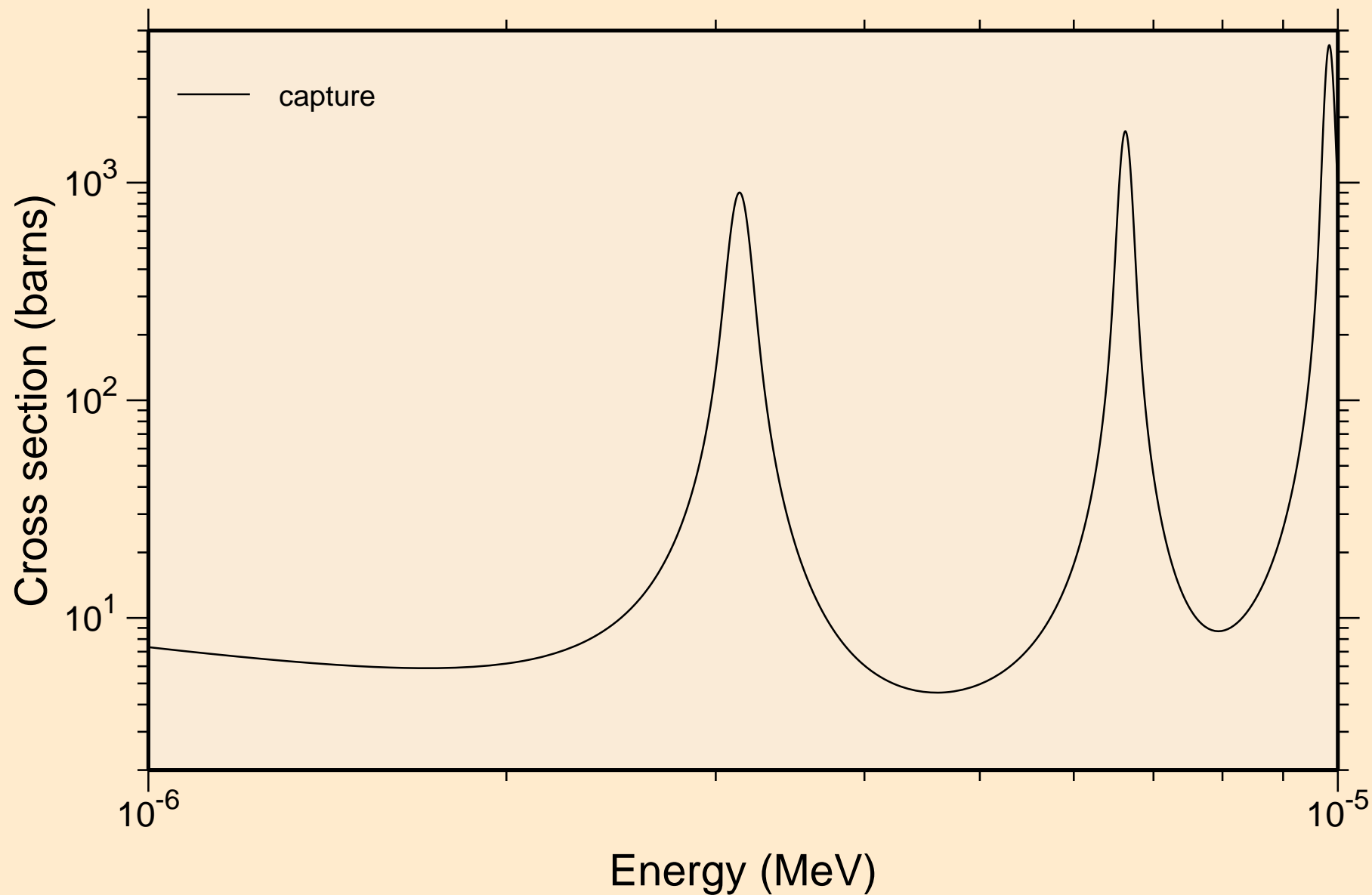
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resonance total cross section



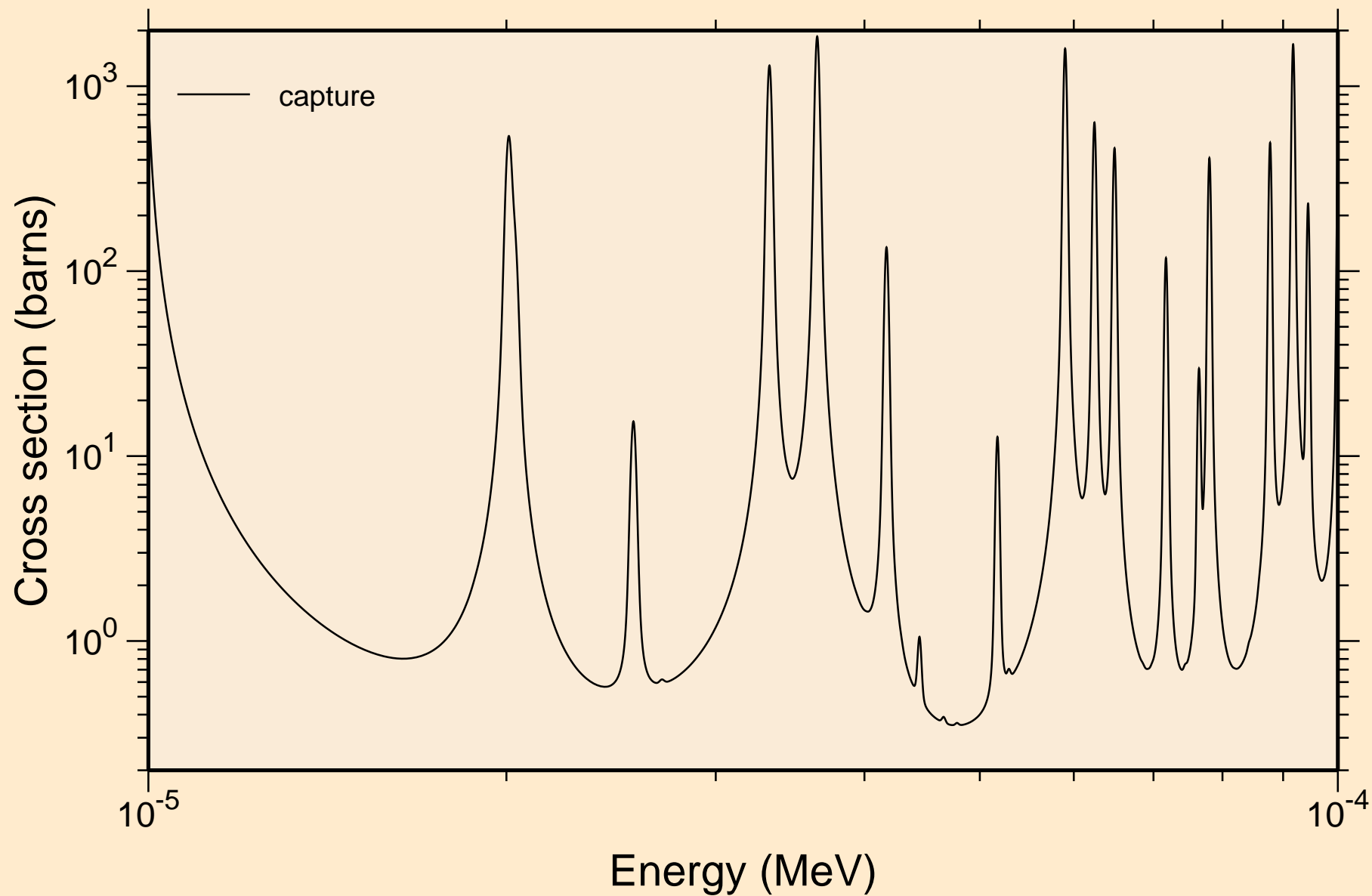
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resonance total cross section



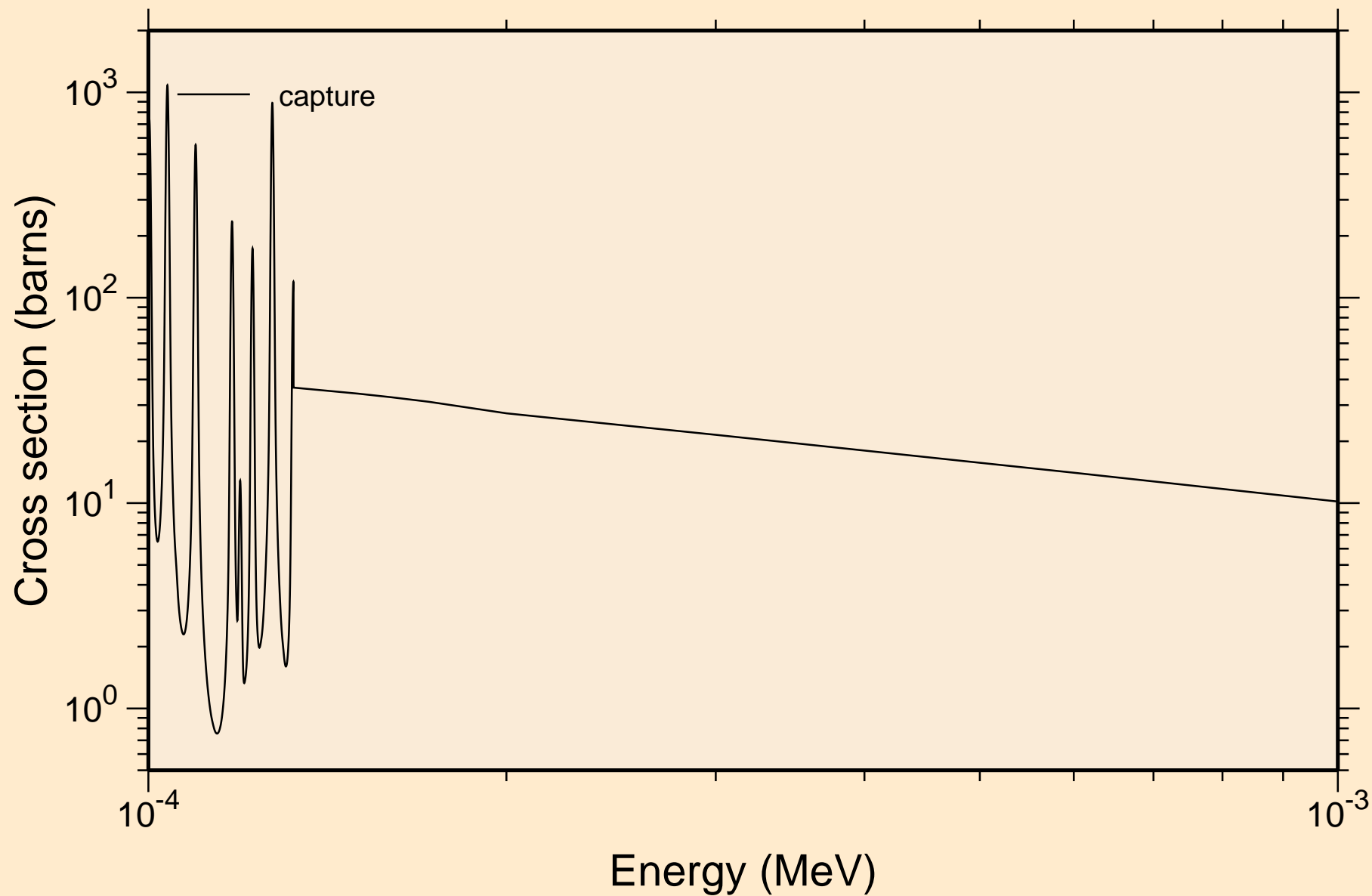
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

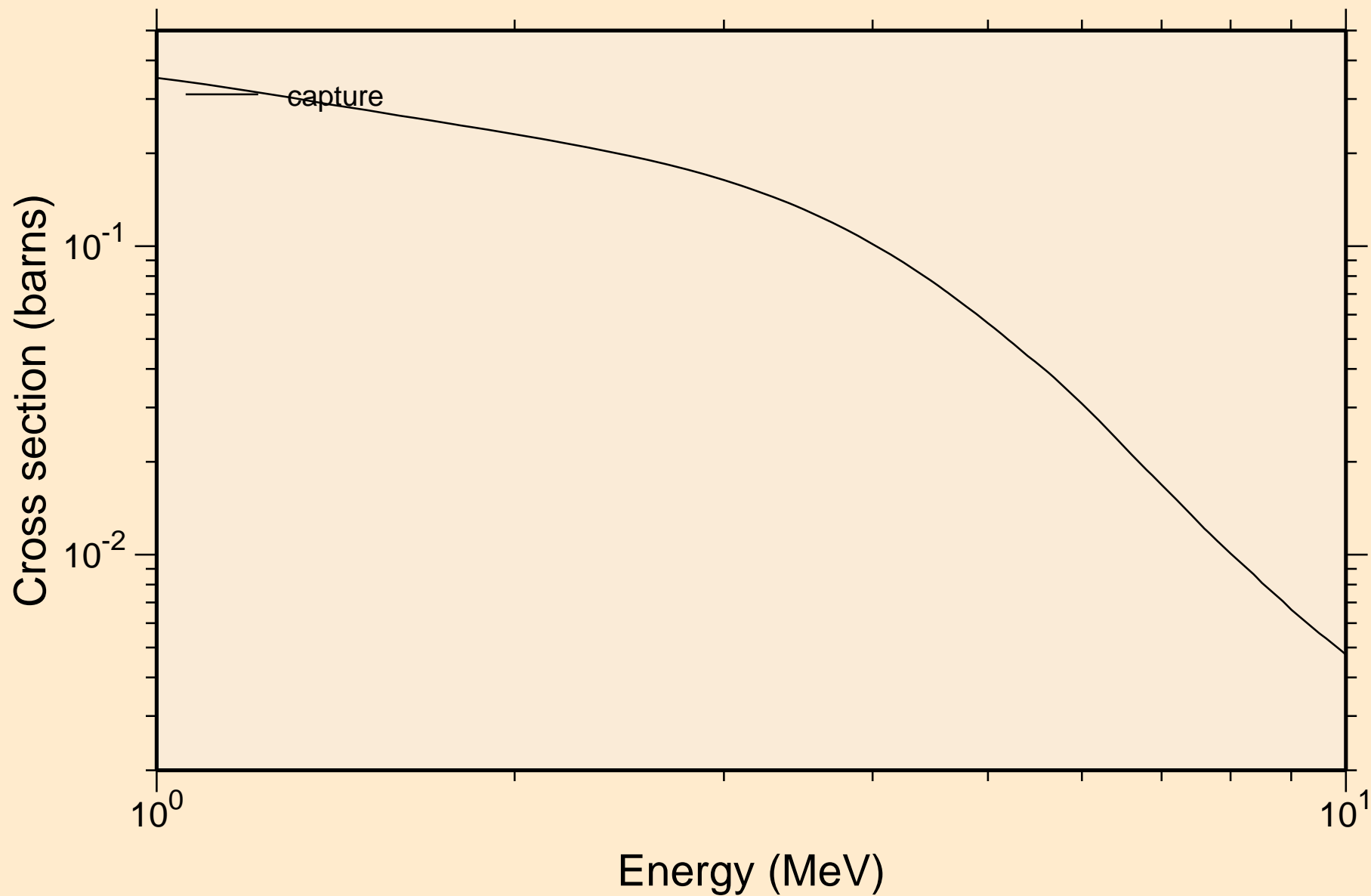


ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

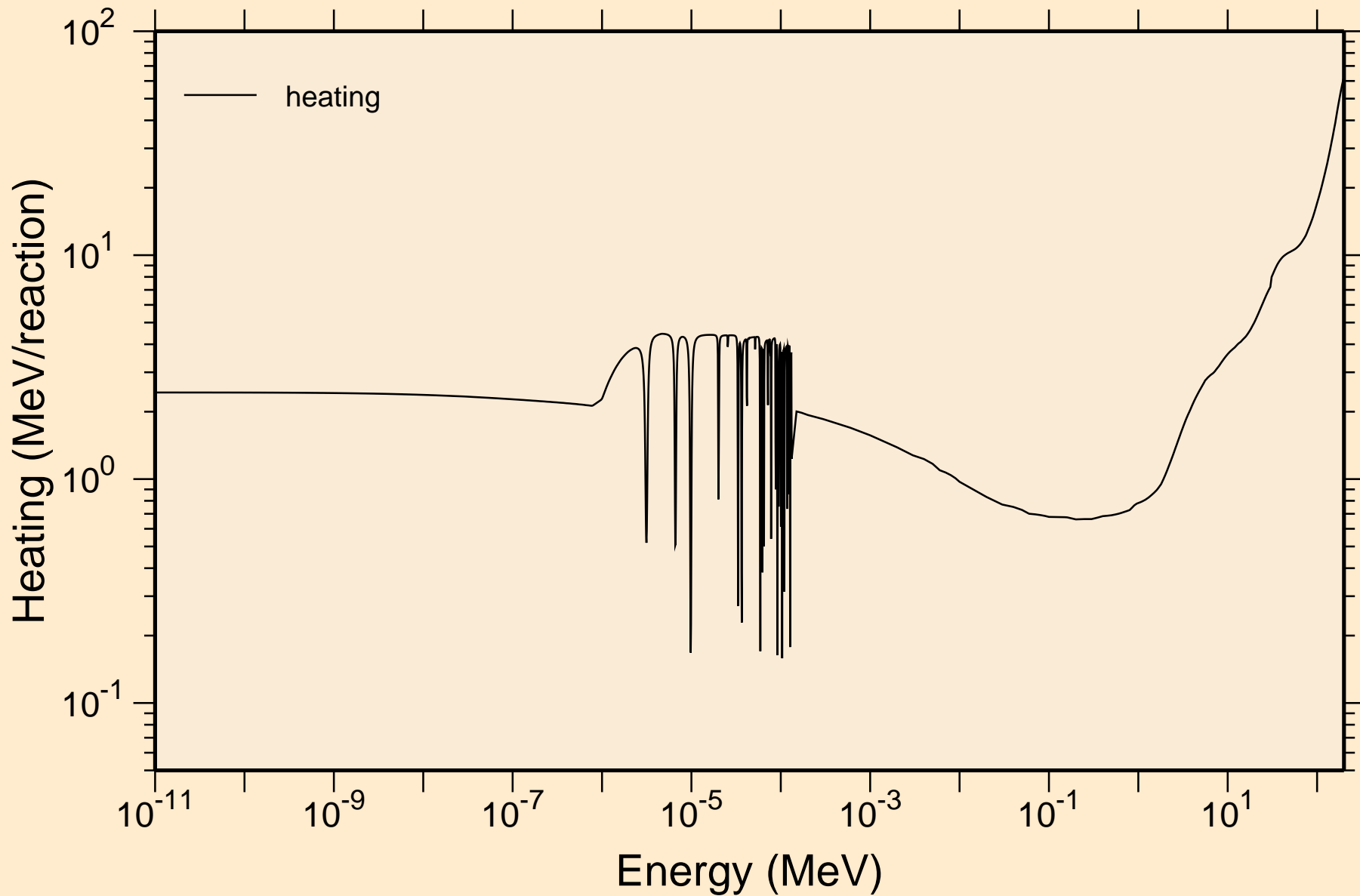




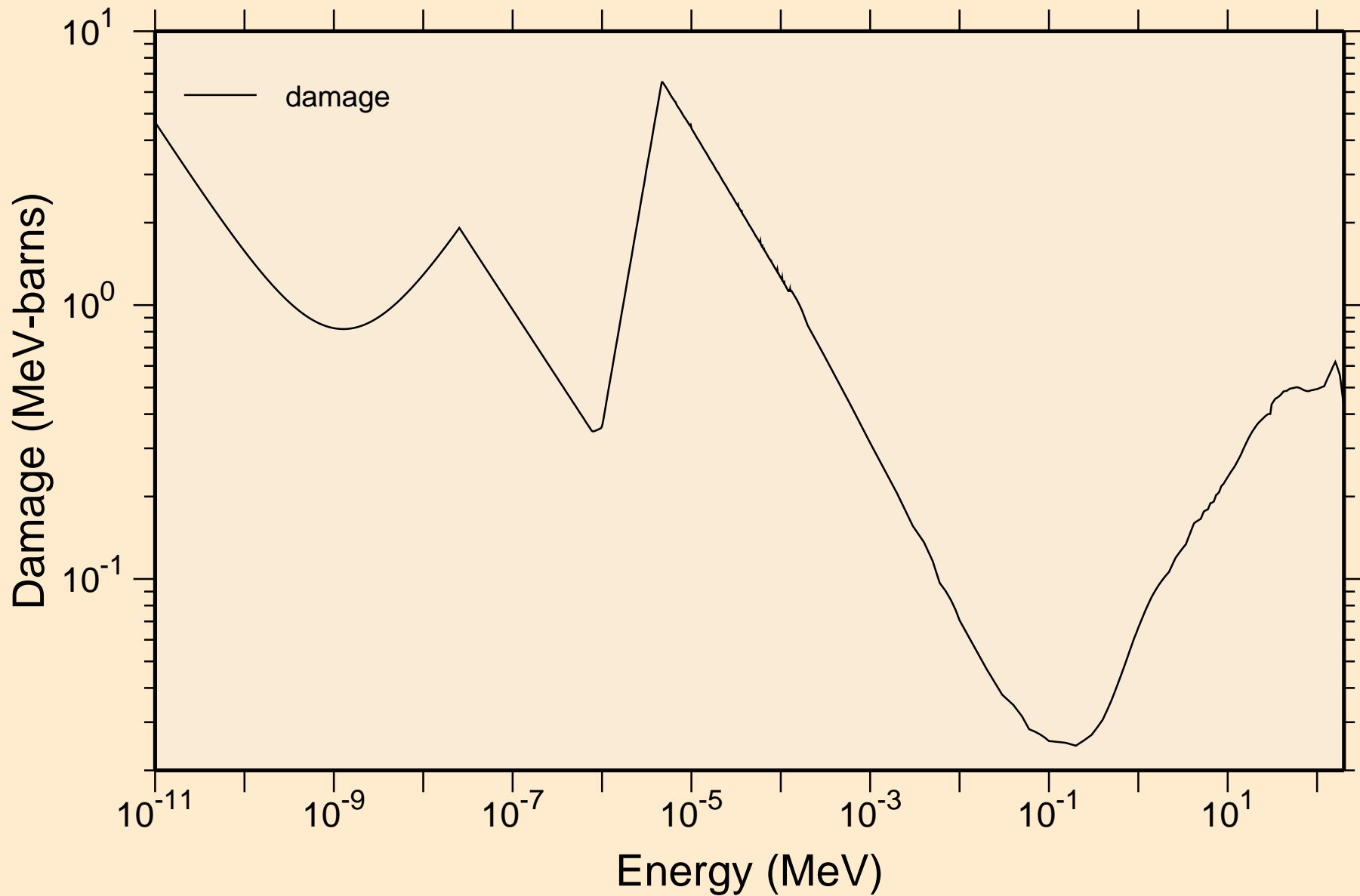
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resonance absorption cross sections



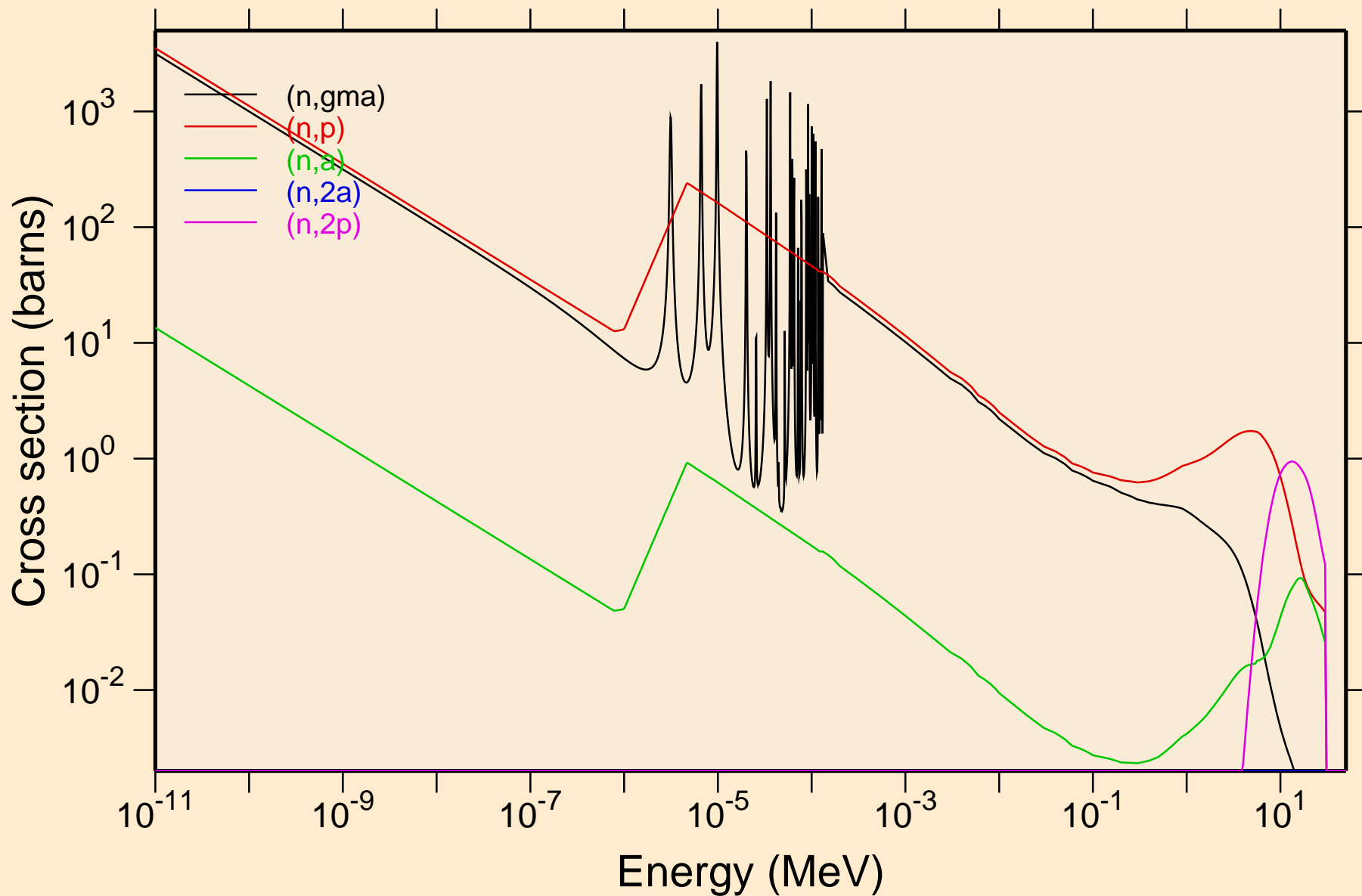
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



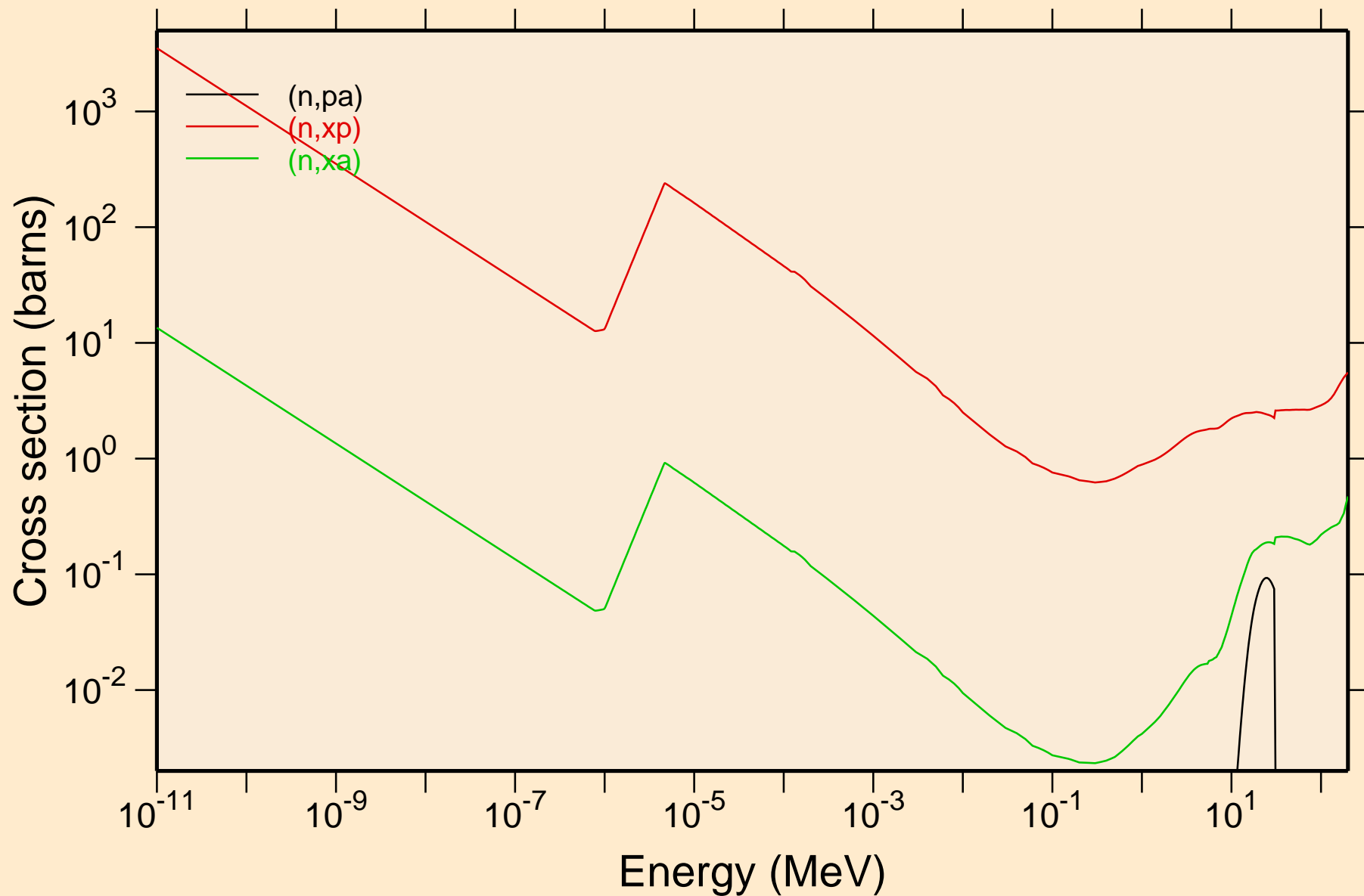
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



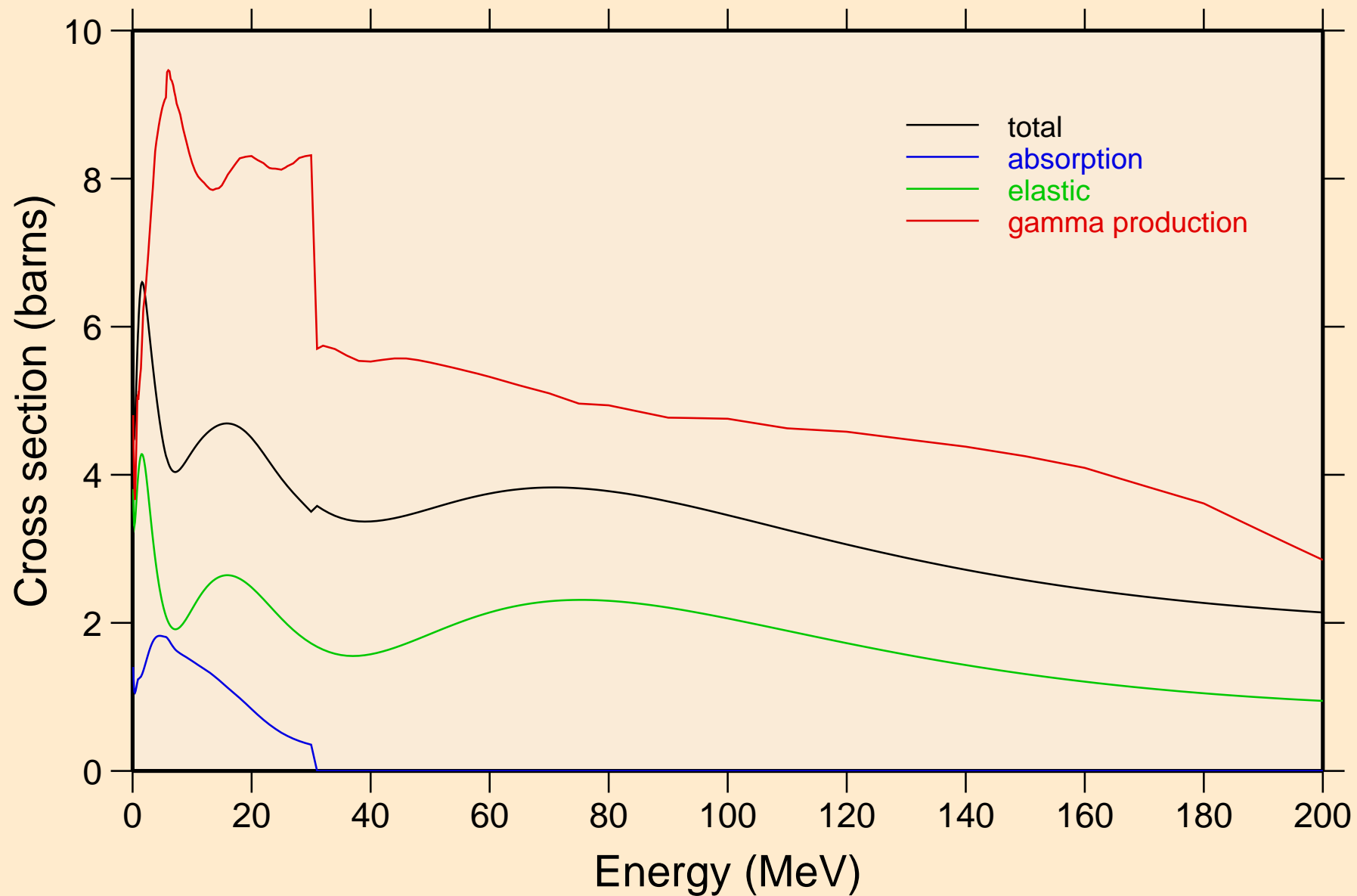
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



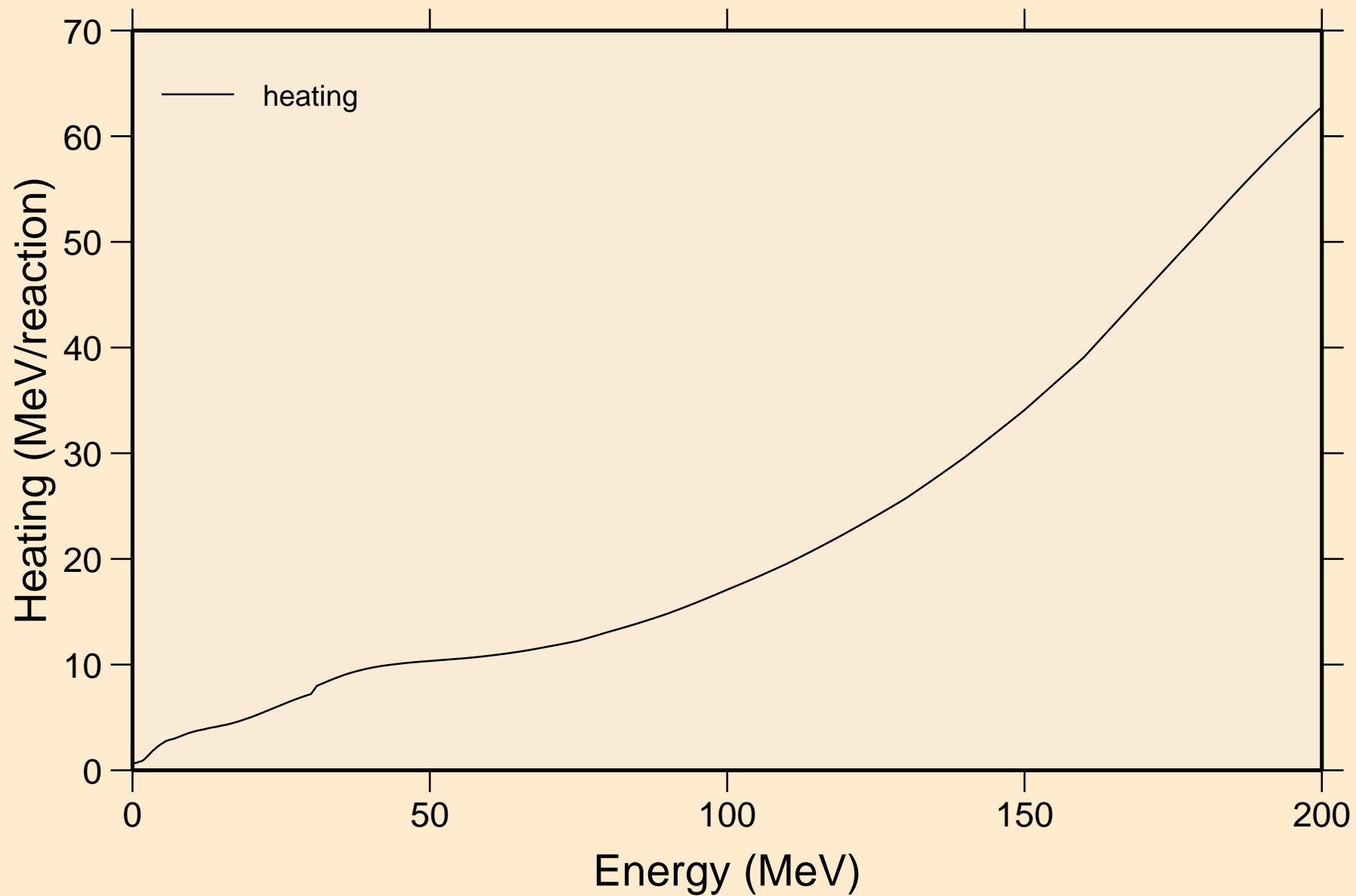
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



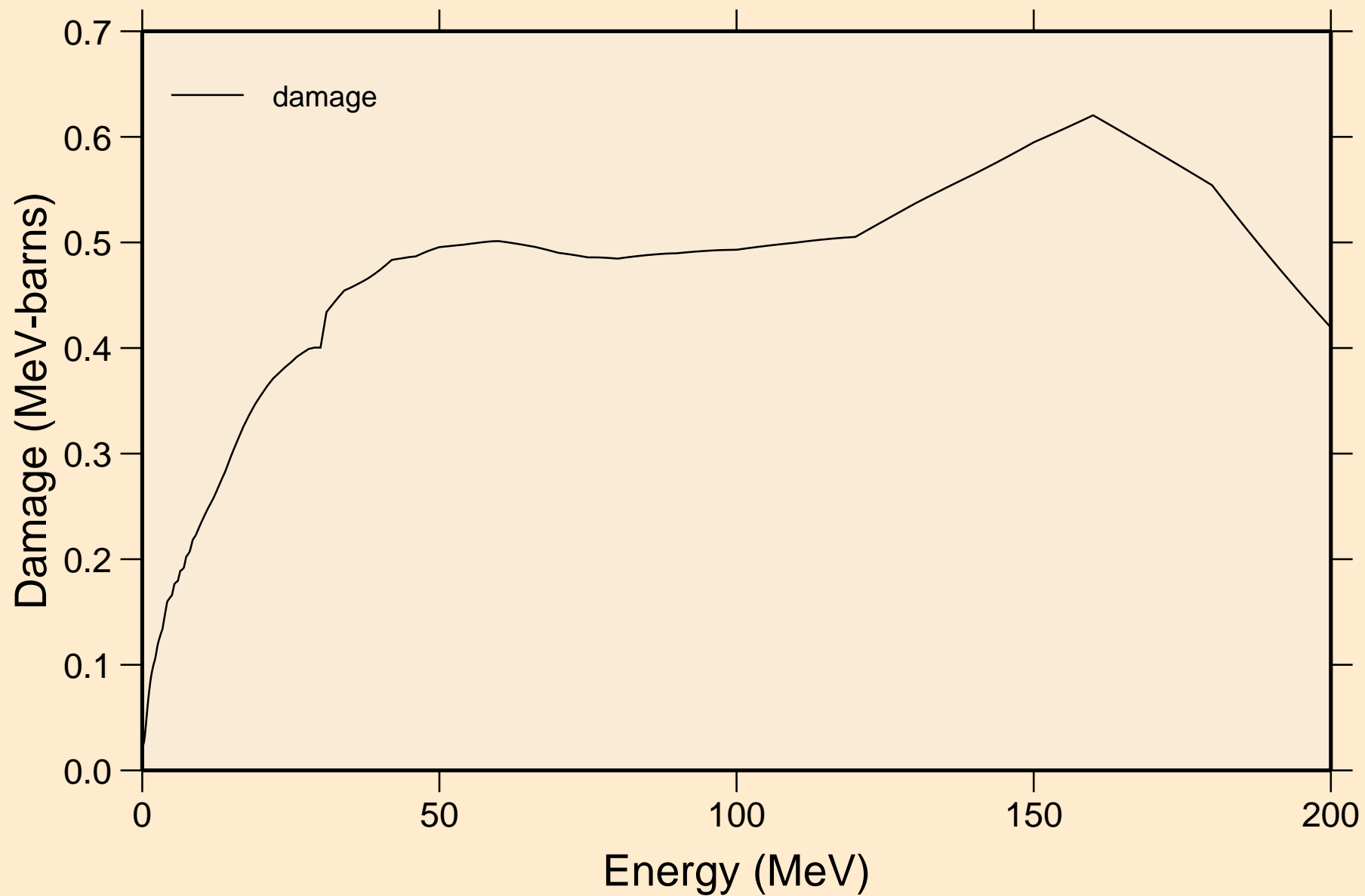
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

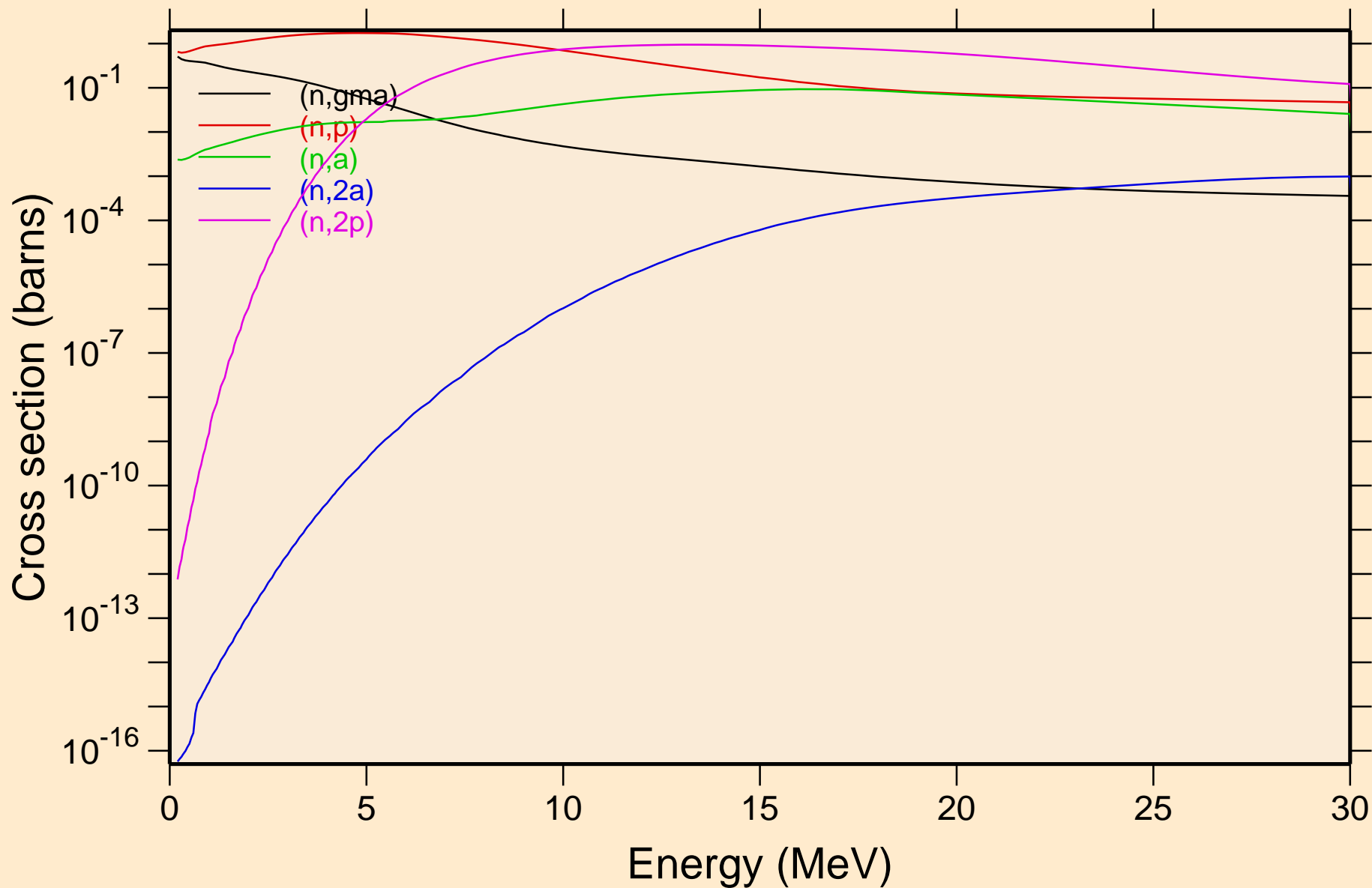


ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

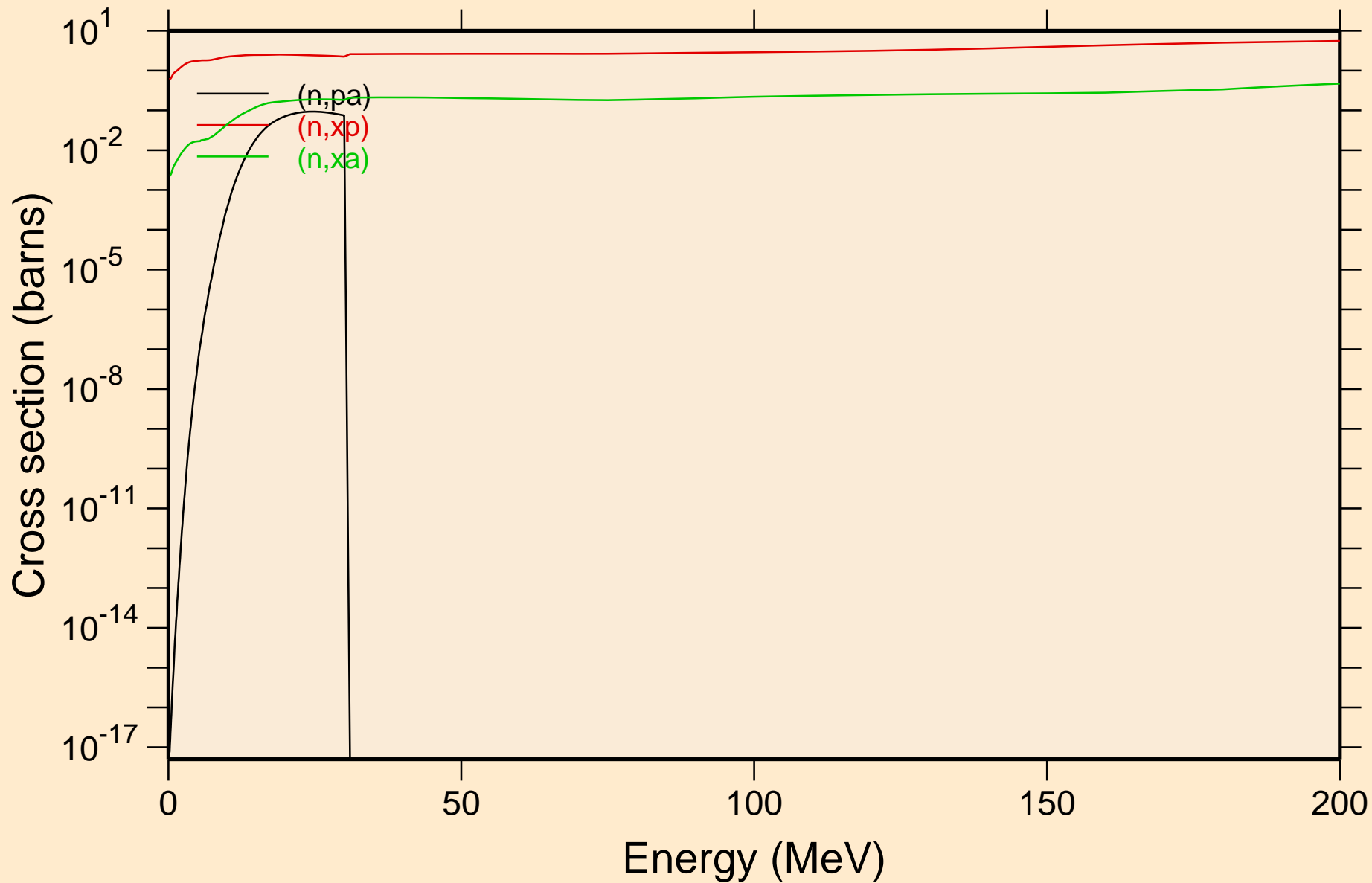




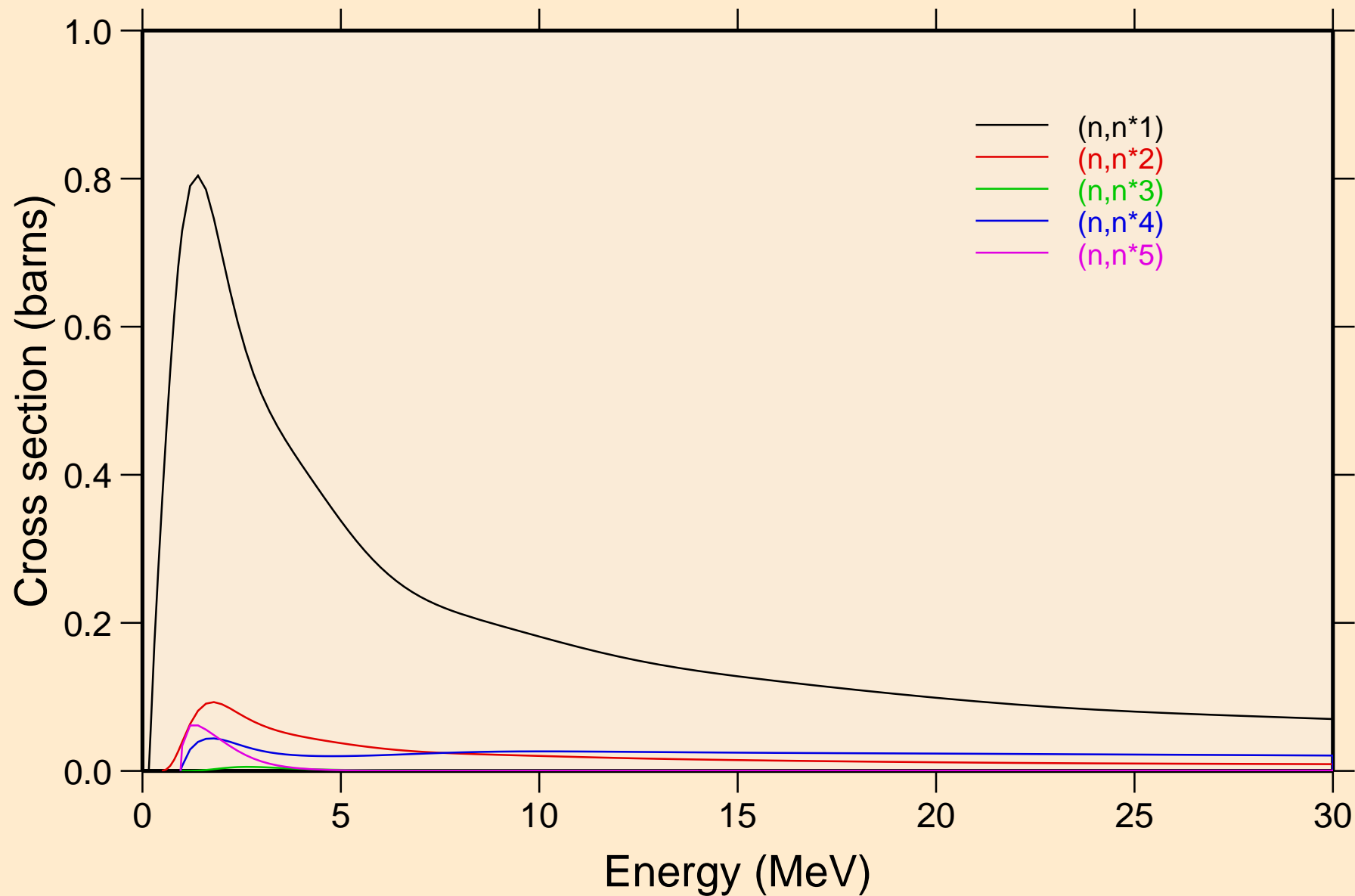
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Non-threshold reactions



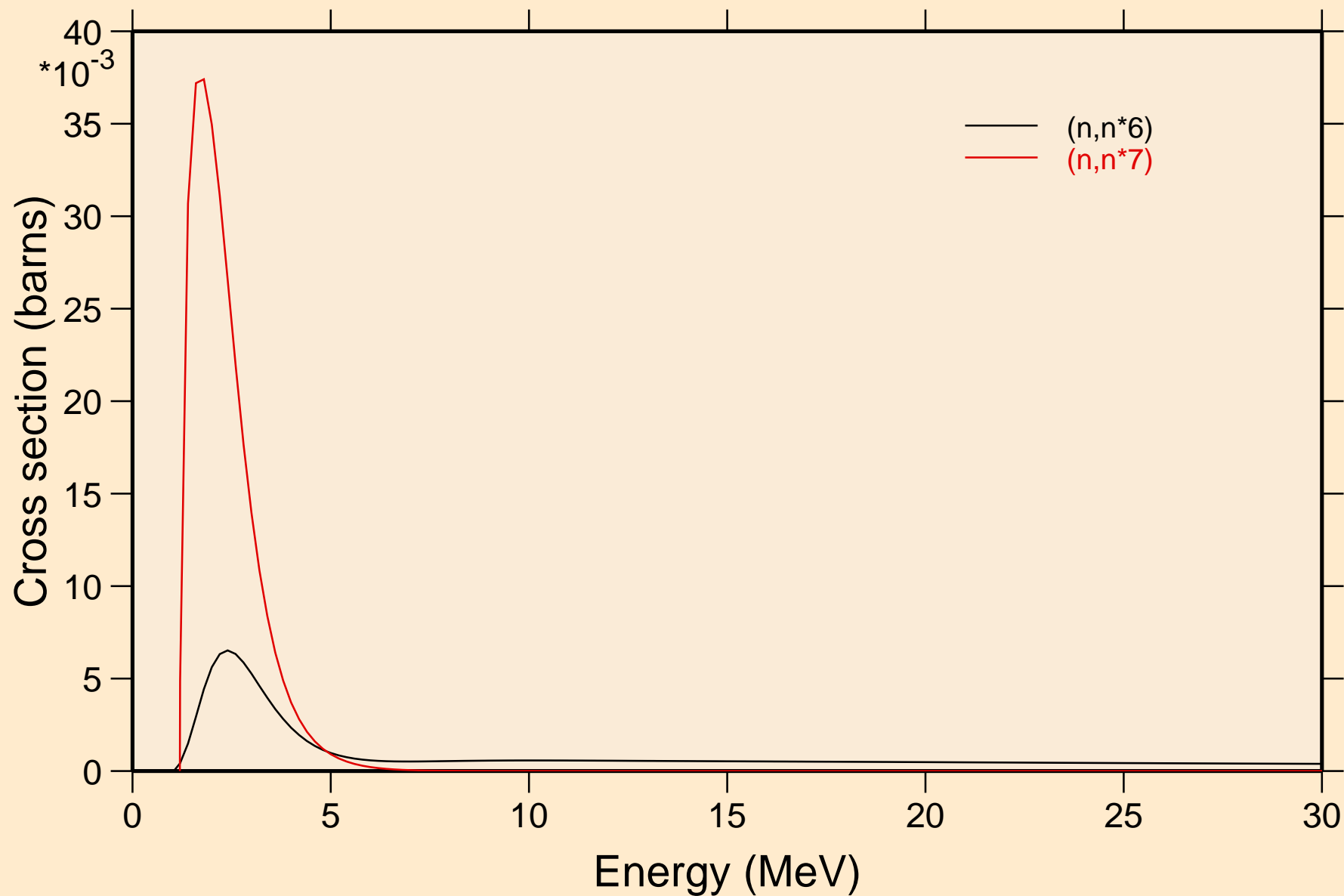
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Non-threshold reactions



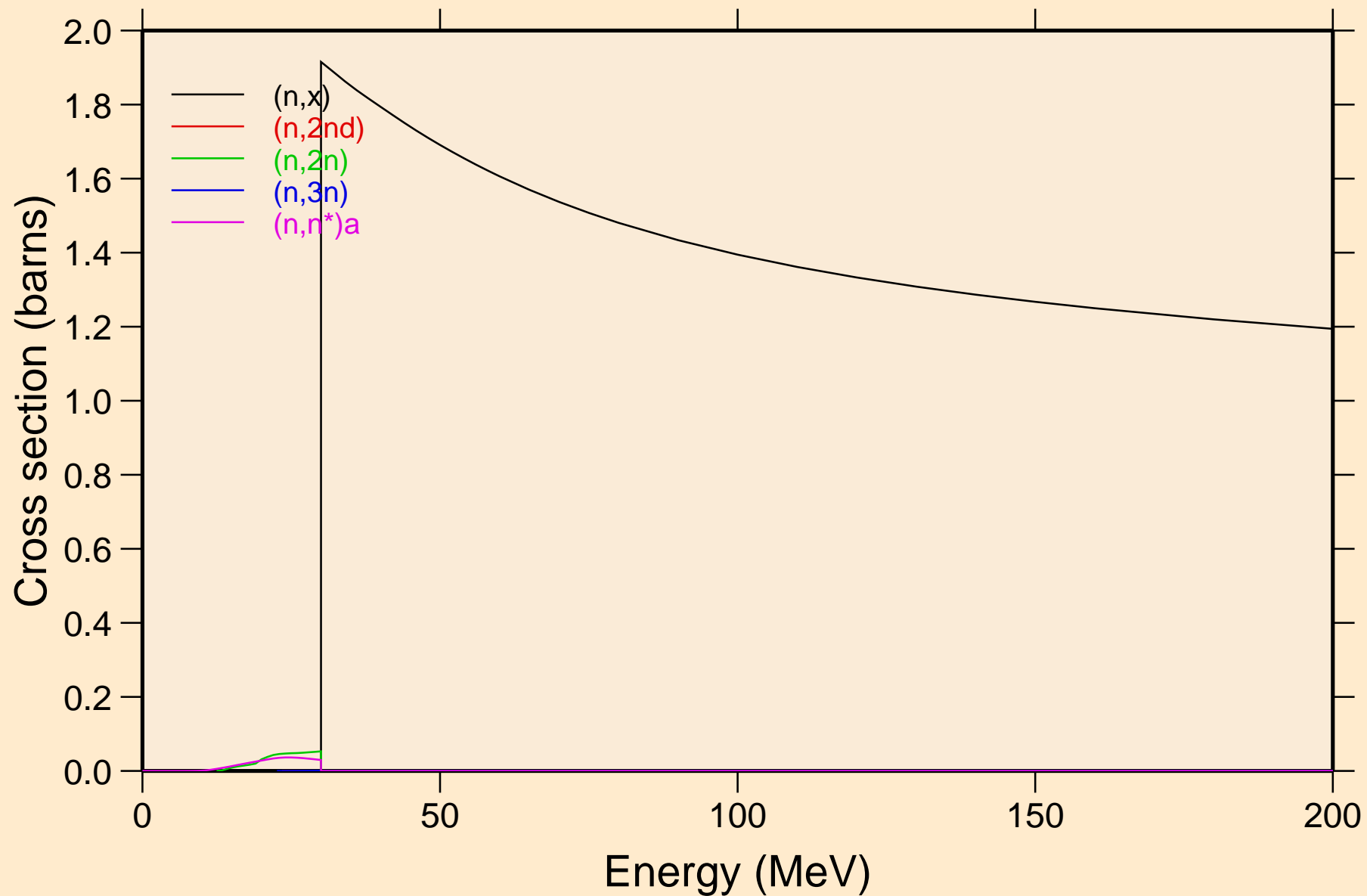
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



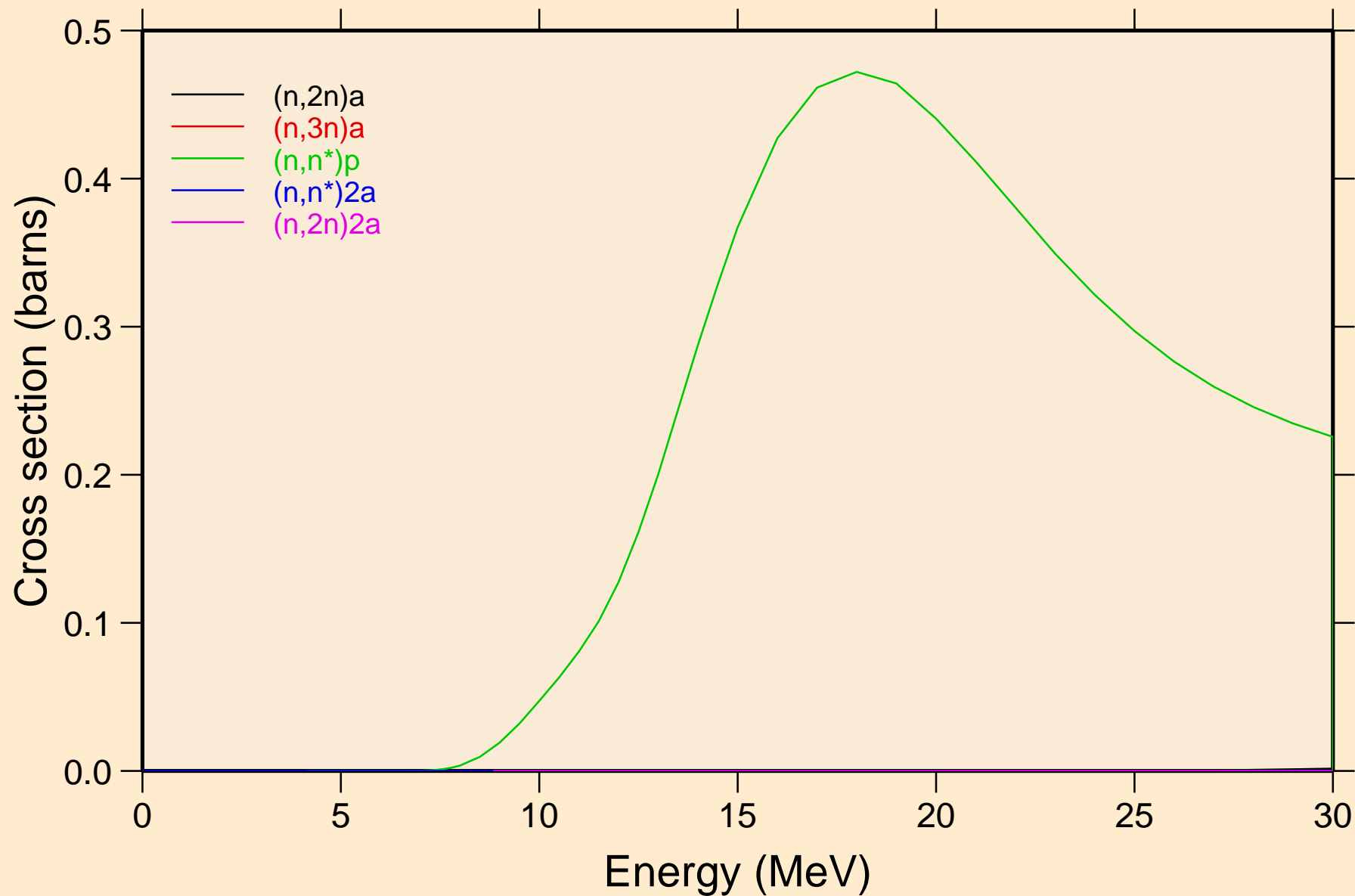
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



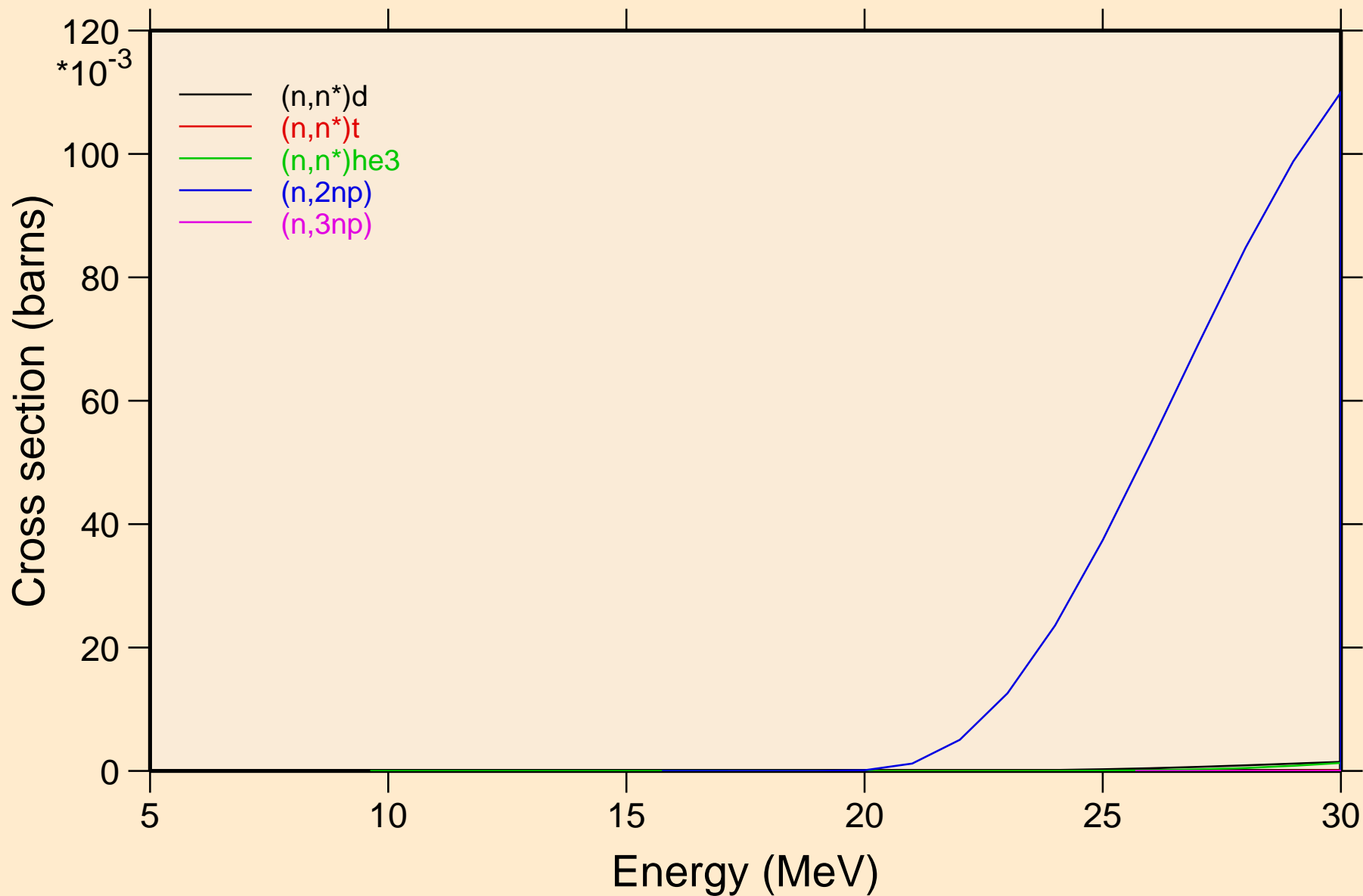
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



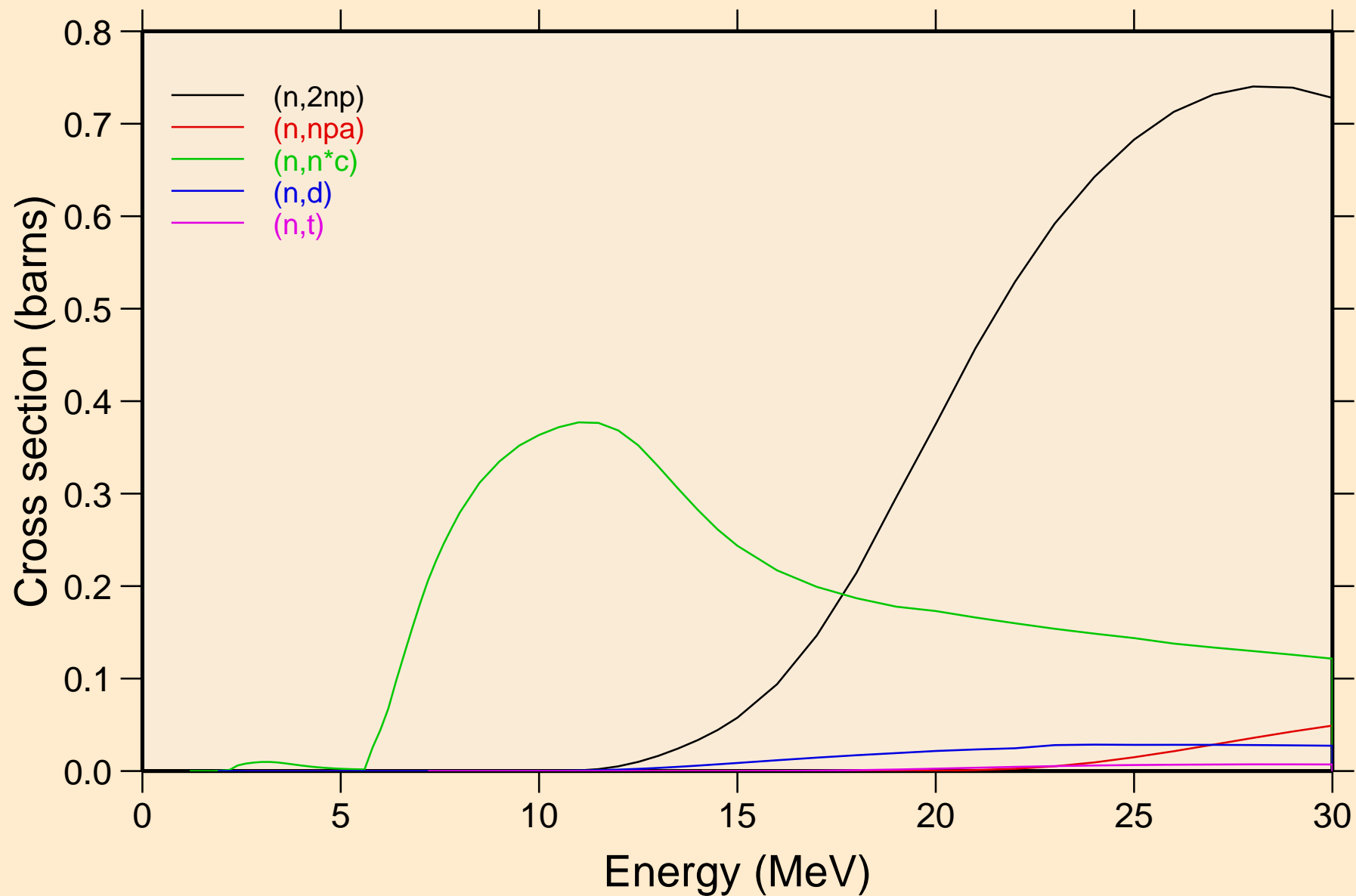
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

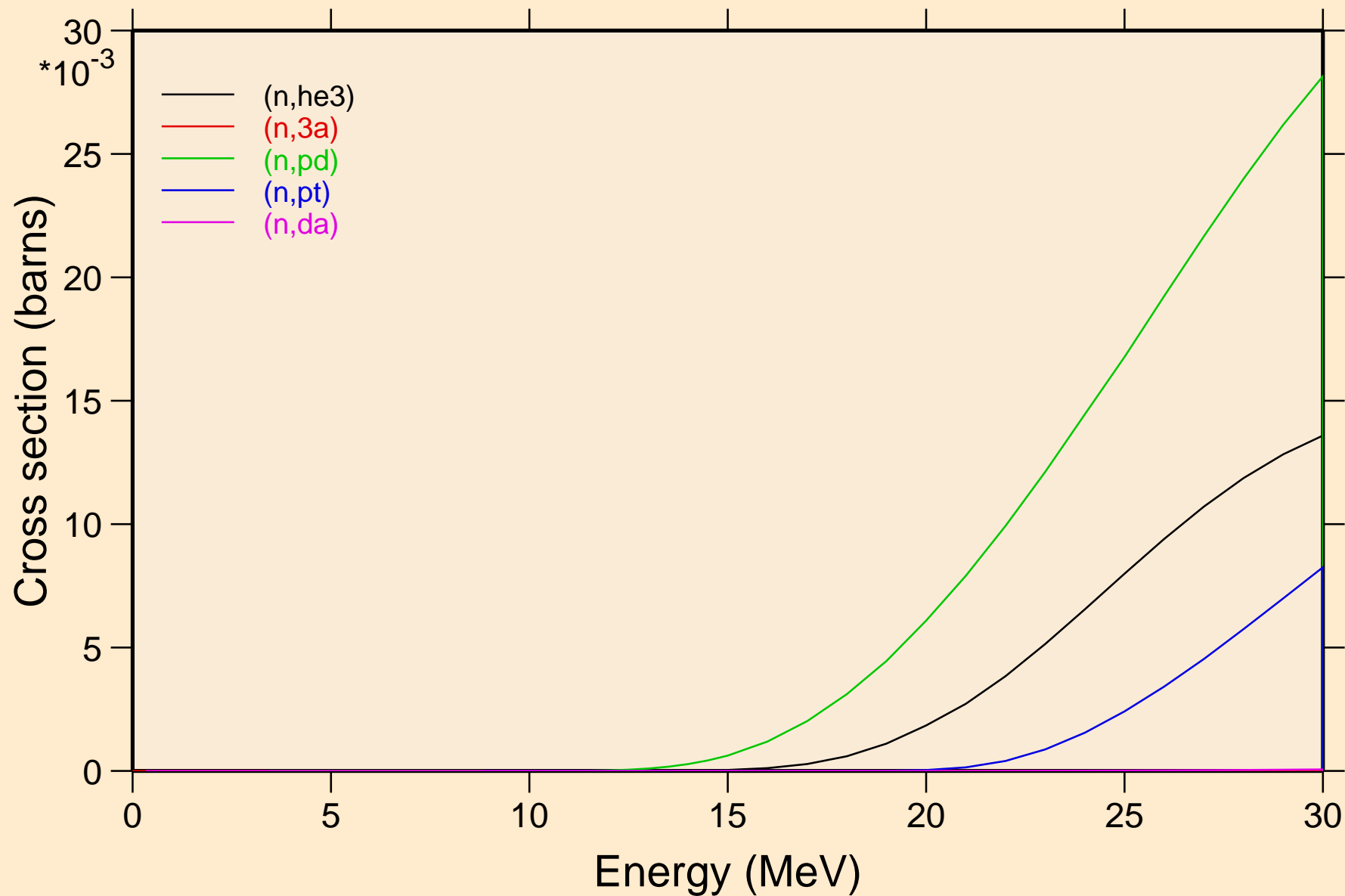


ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

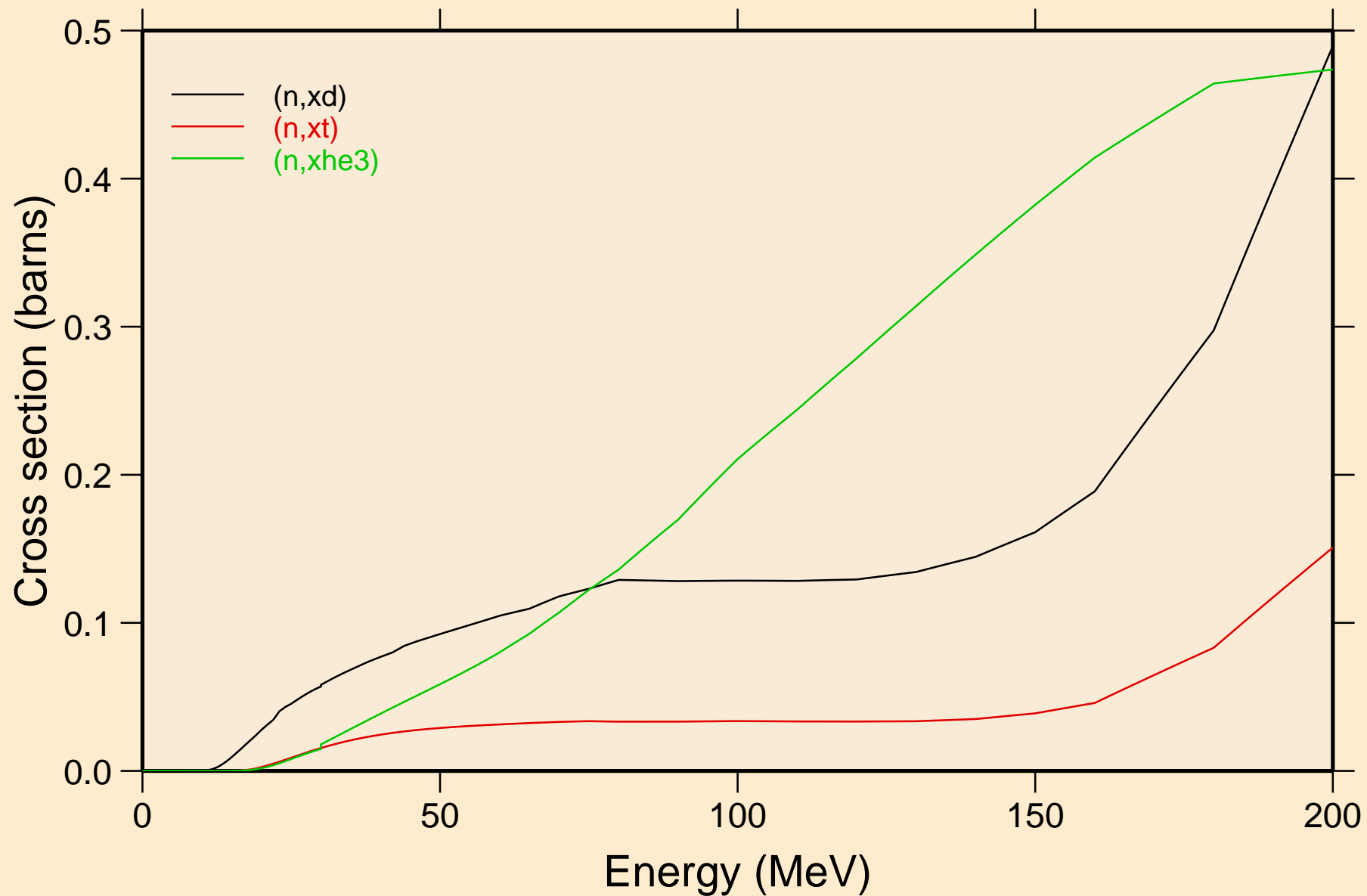




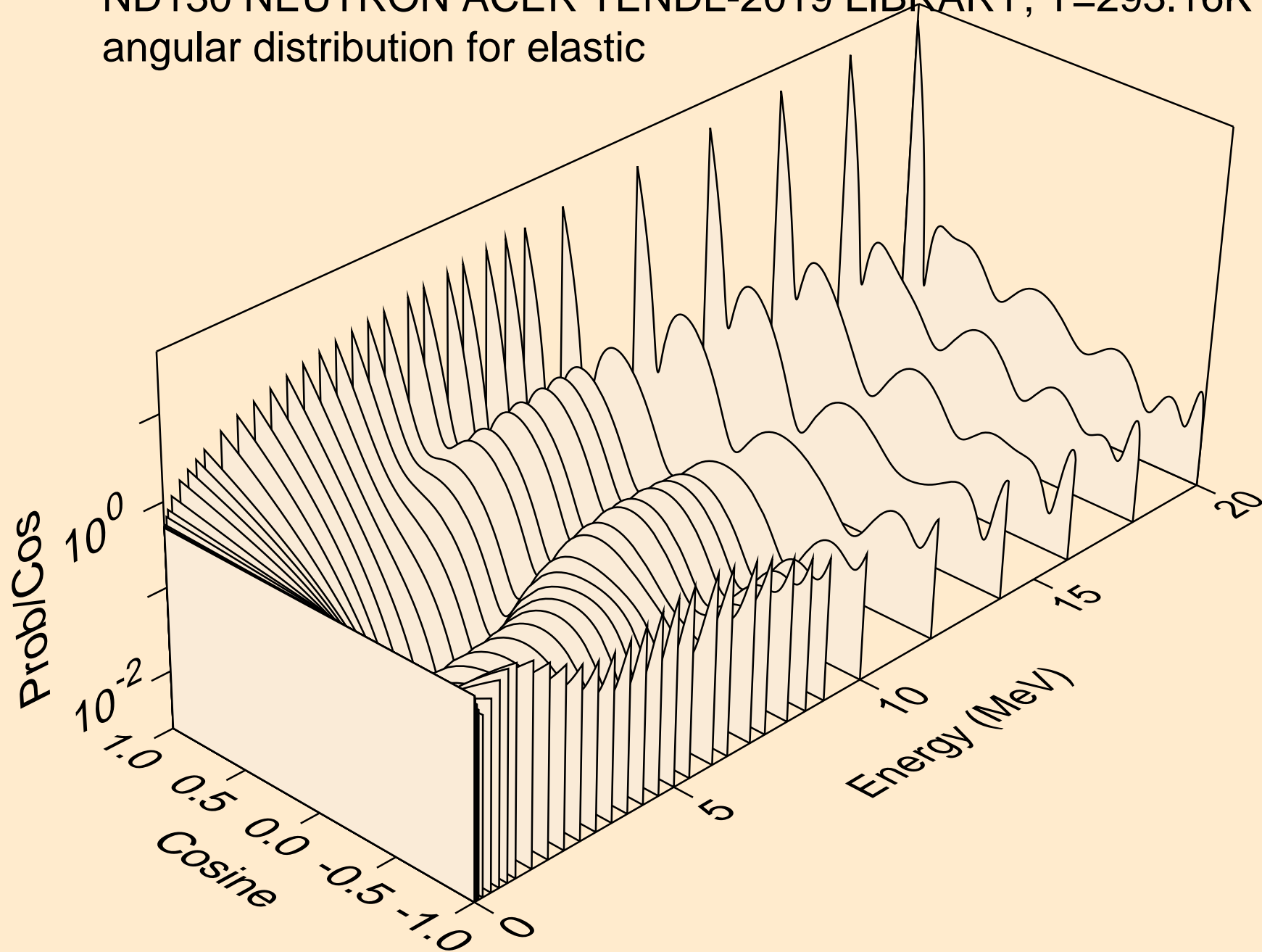
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



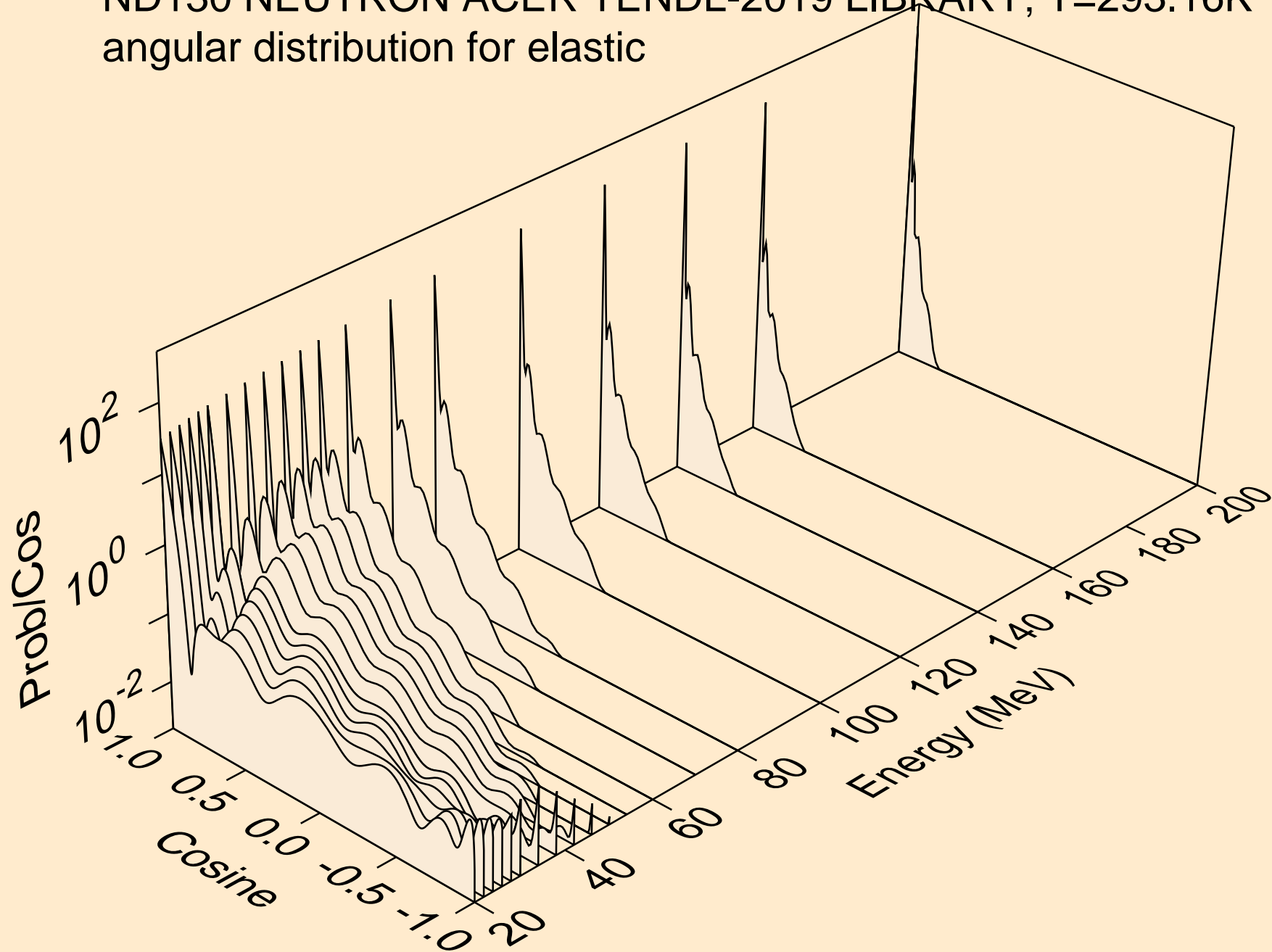
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



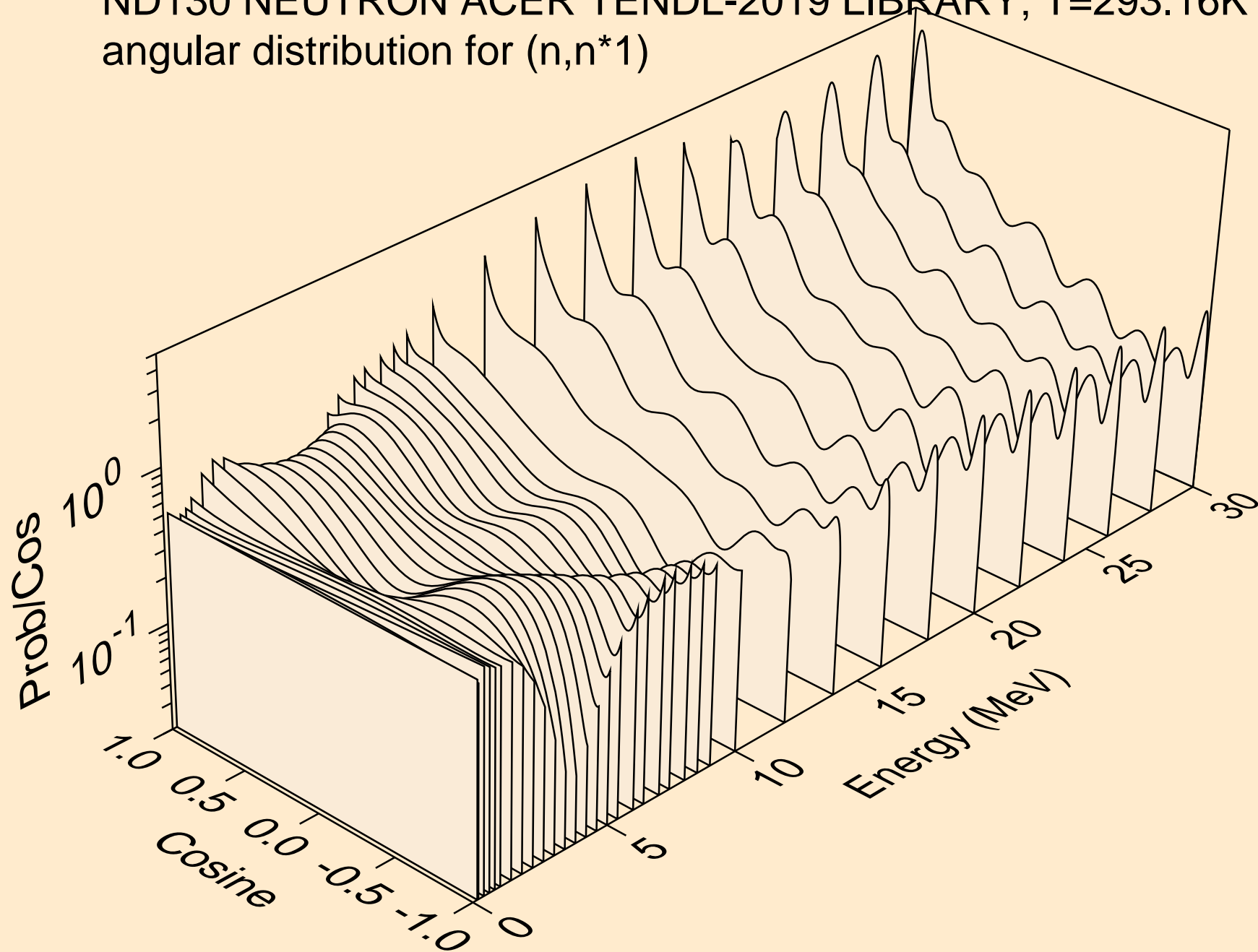
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



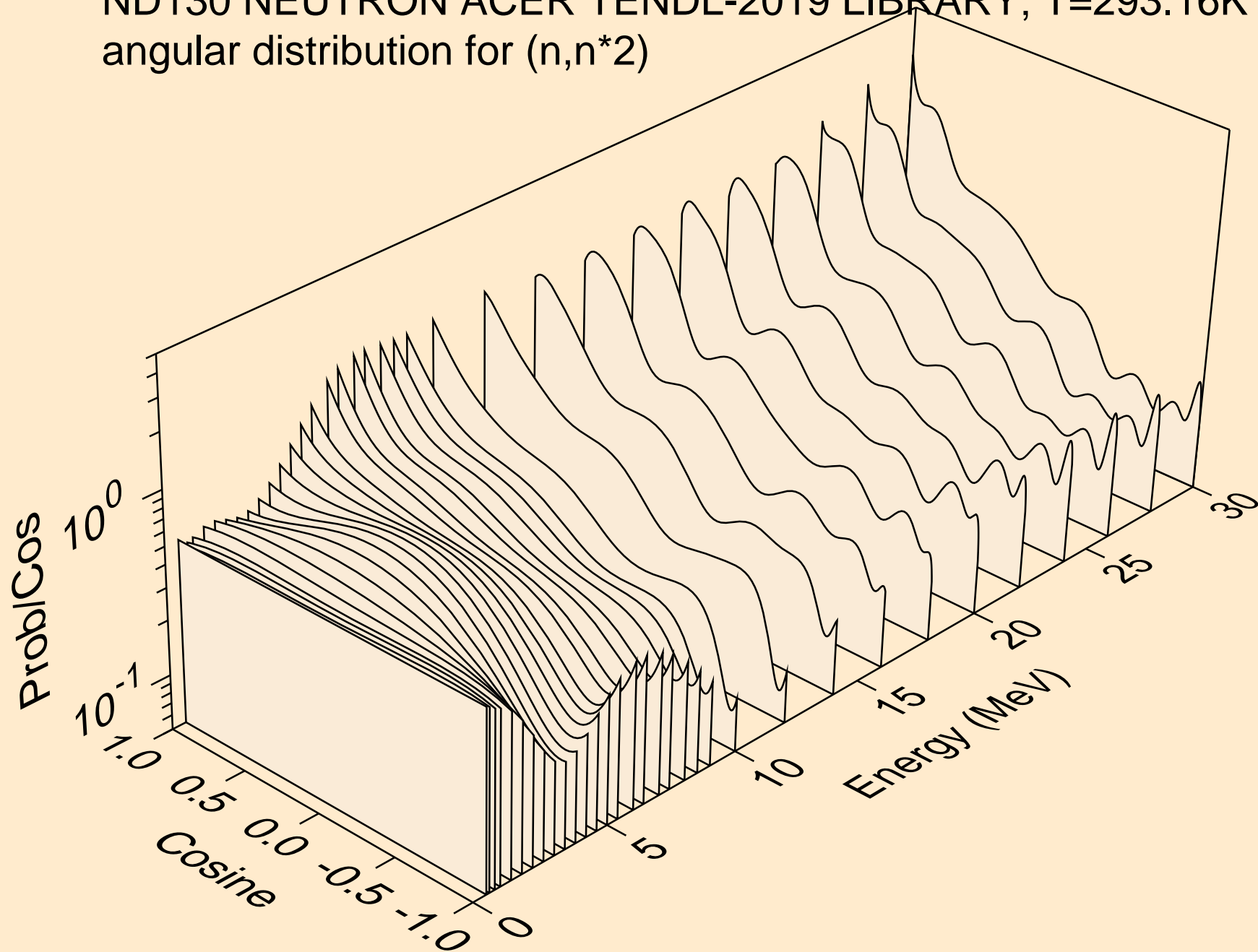
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



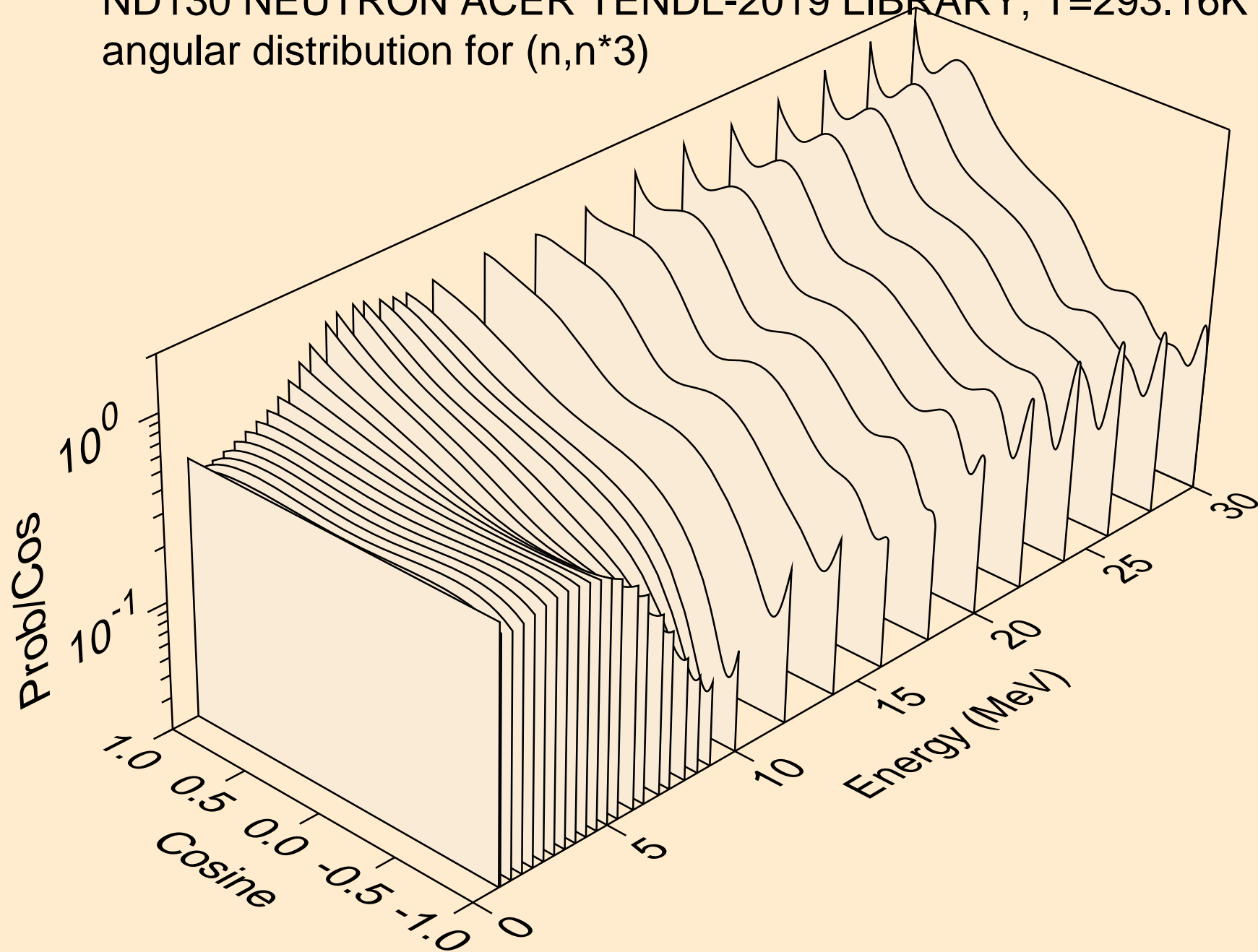
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



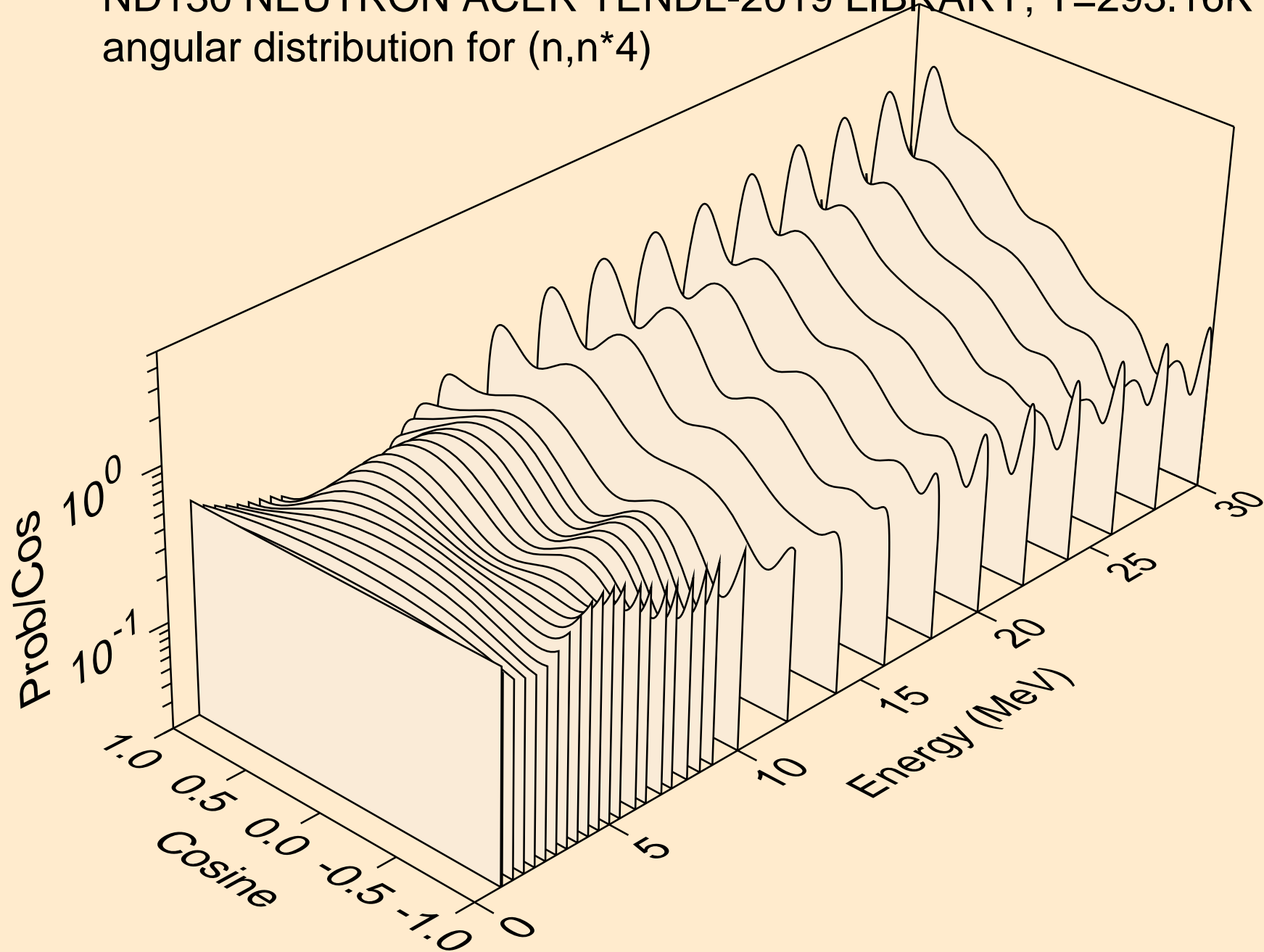
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)



ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)

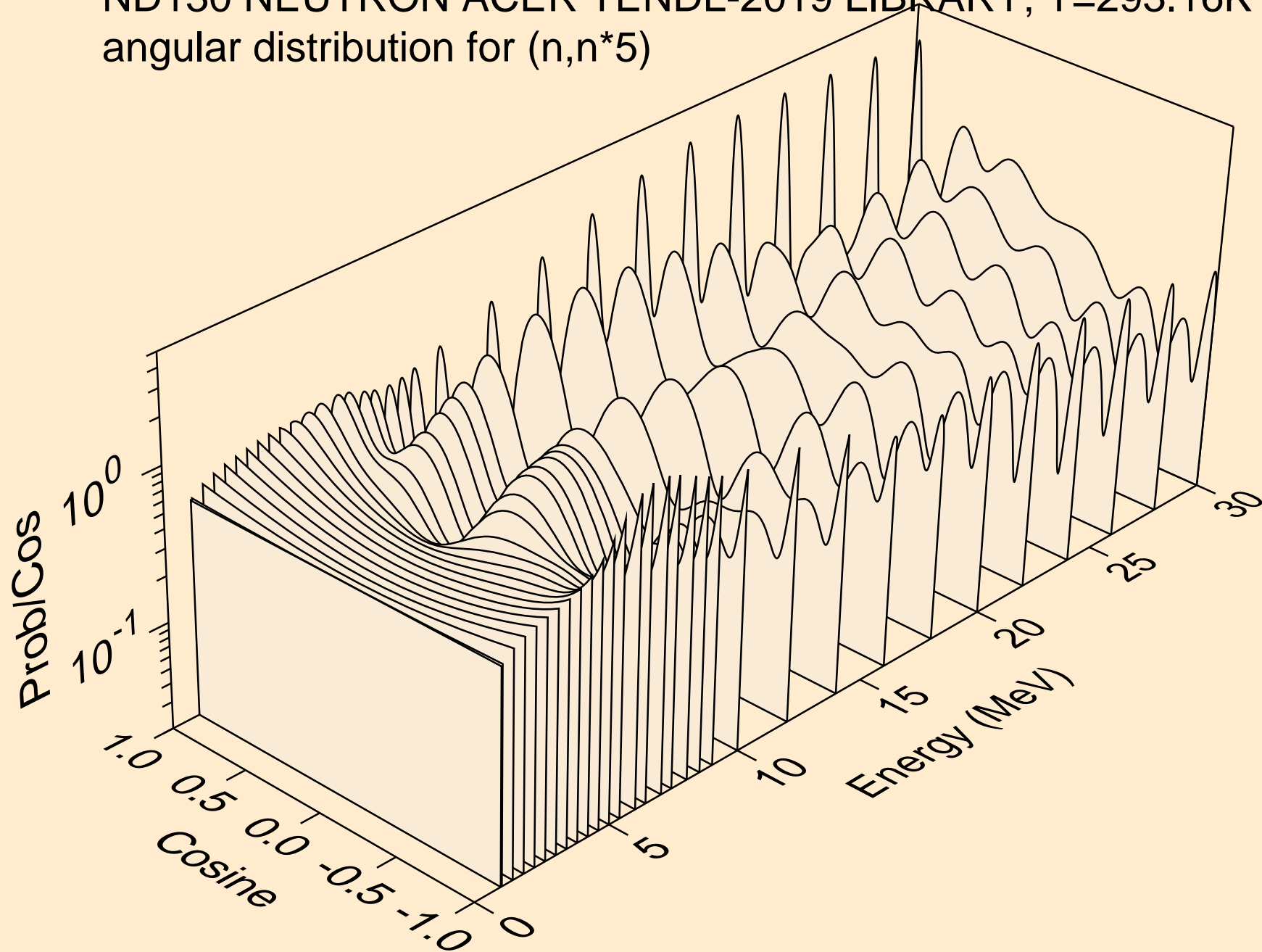


ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*4)

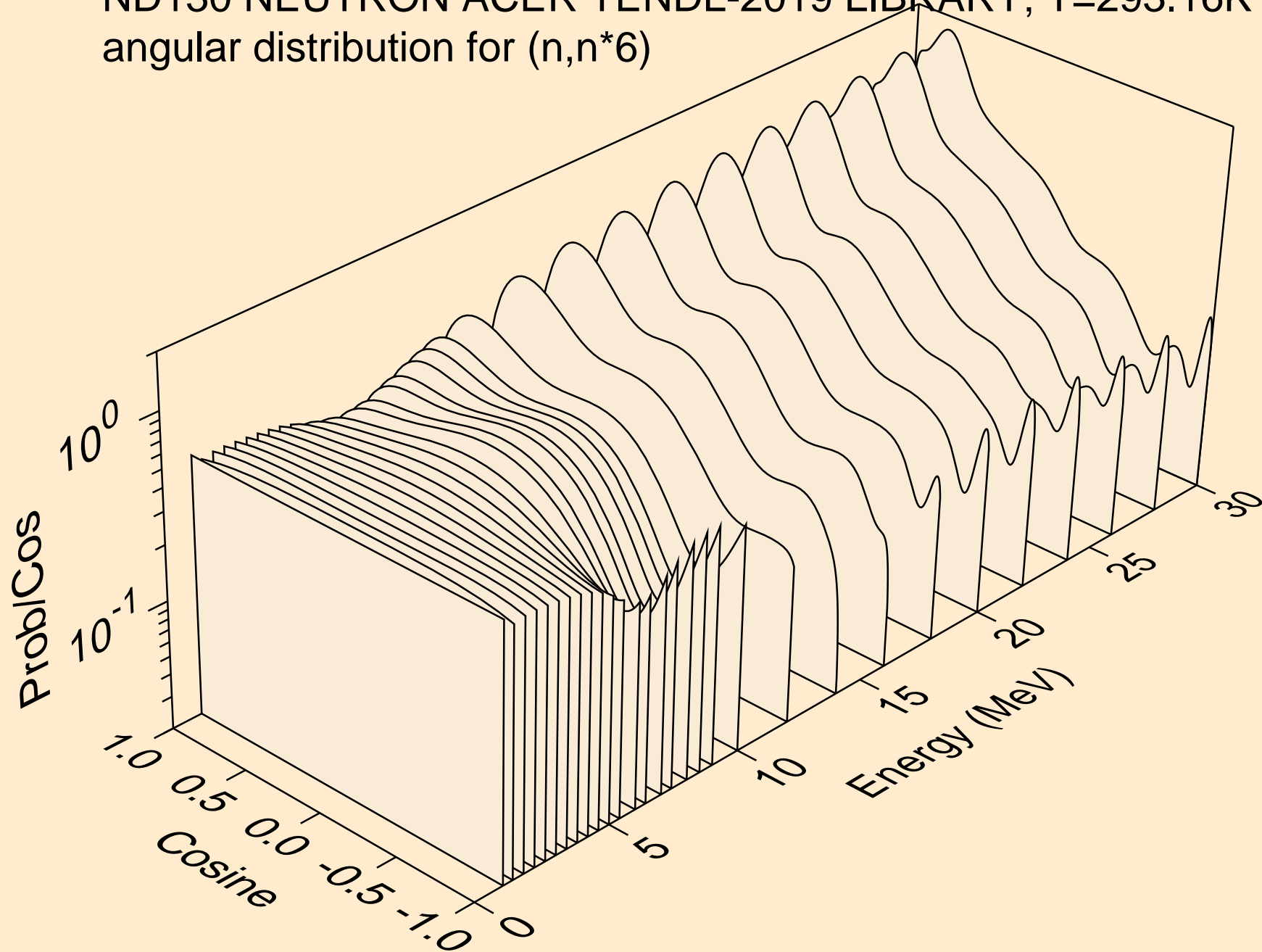




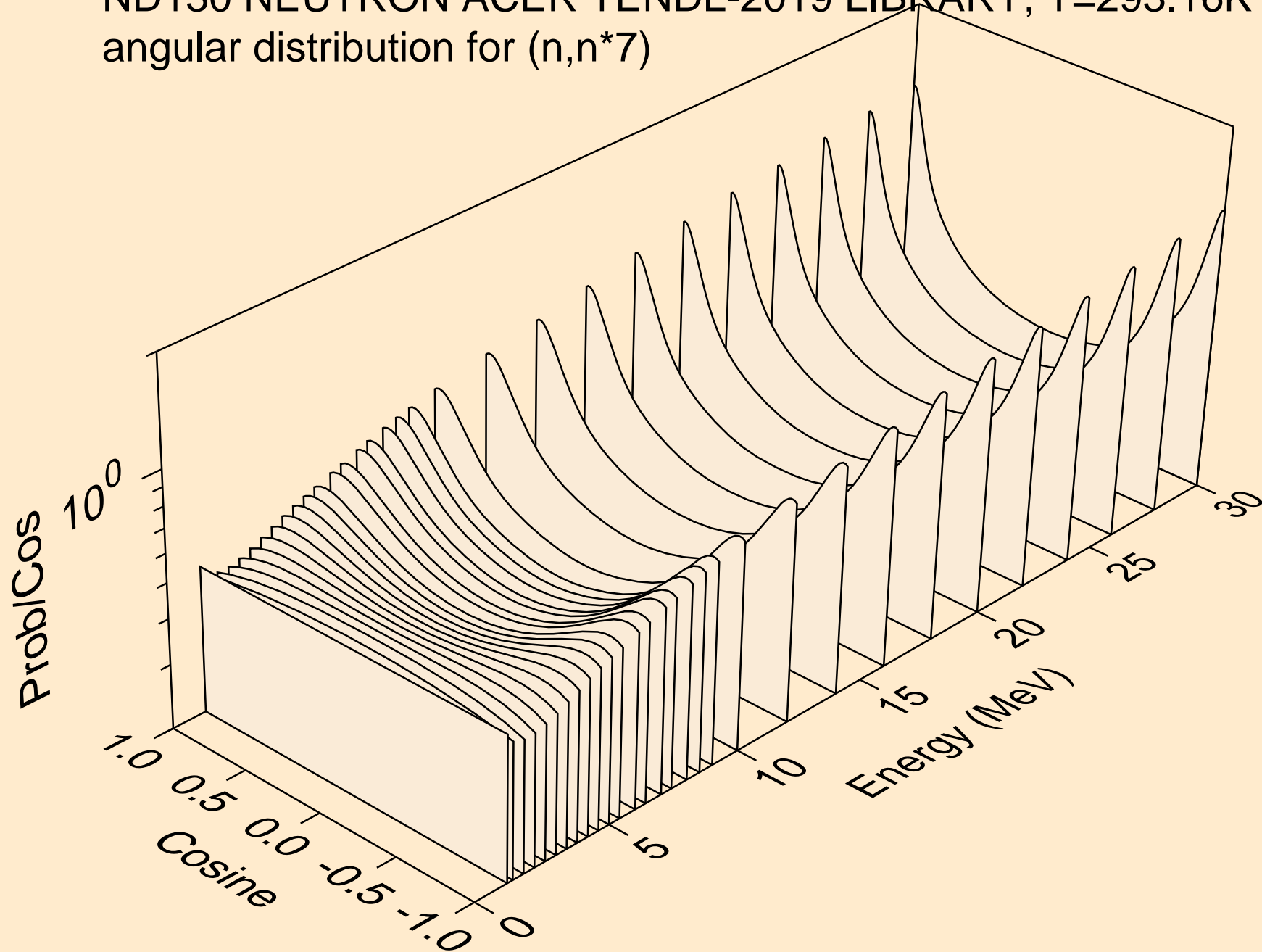
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*5)



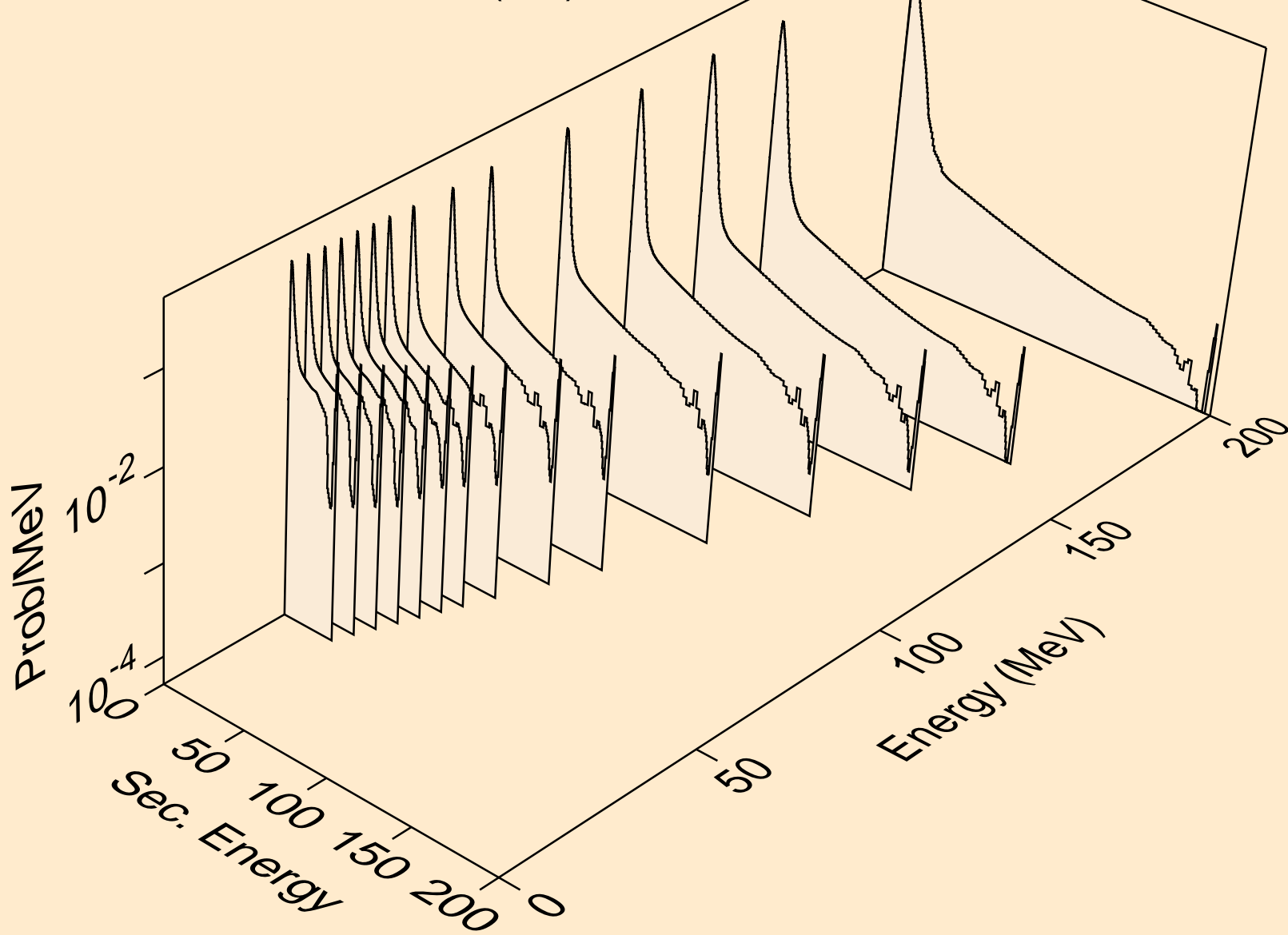
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*6)



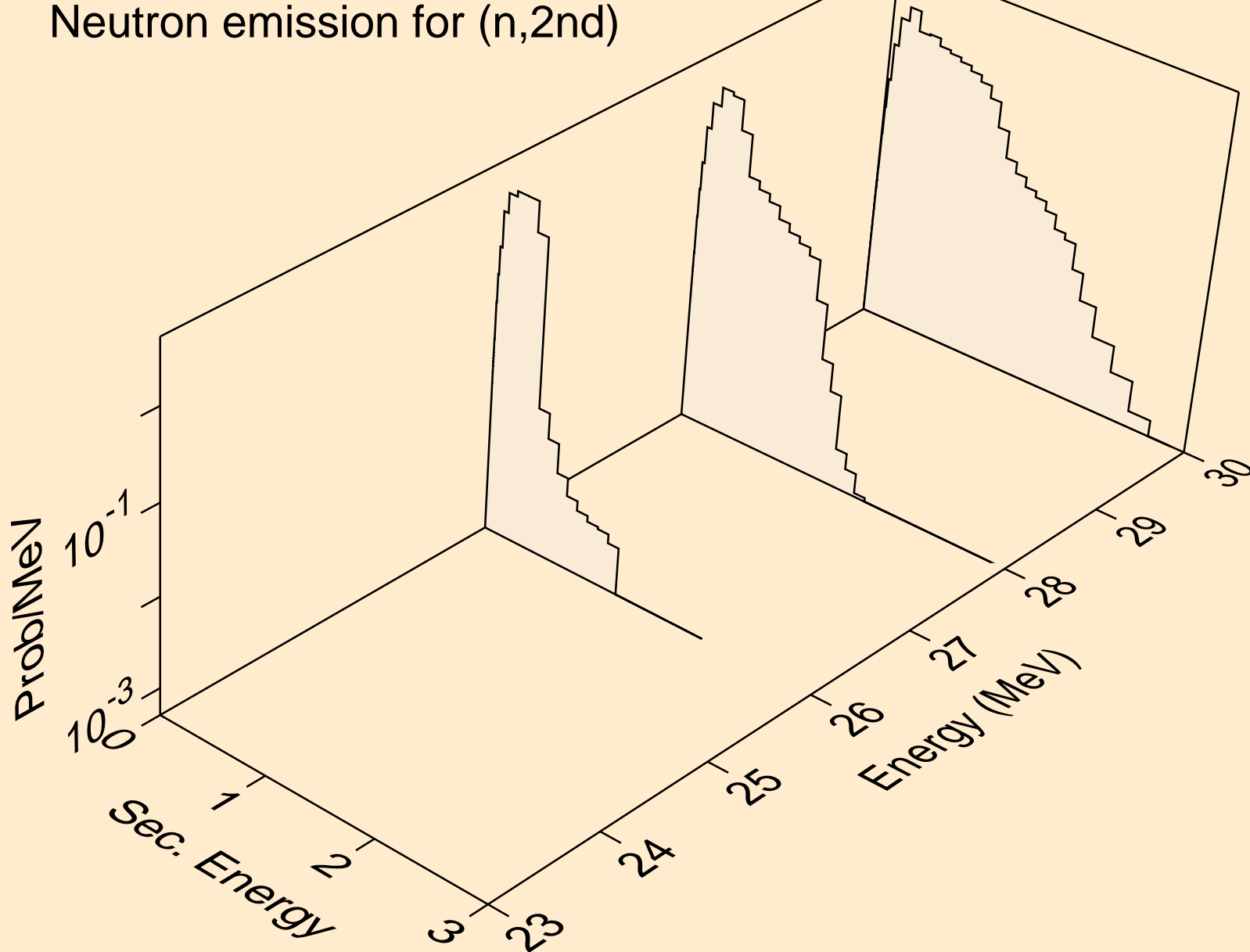
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angular distribution for (n,n\*7)



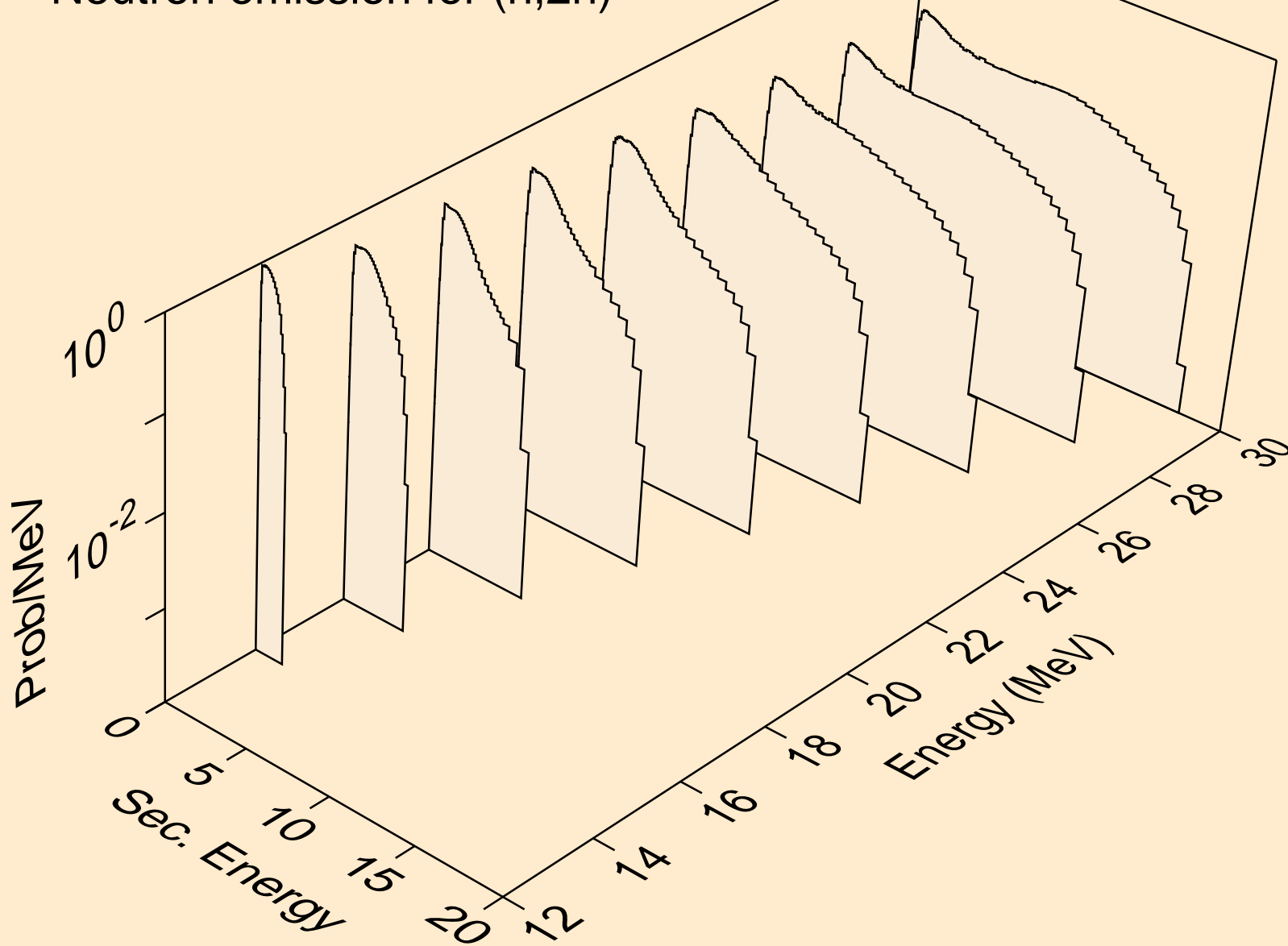
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



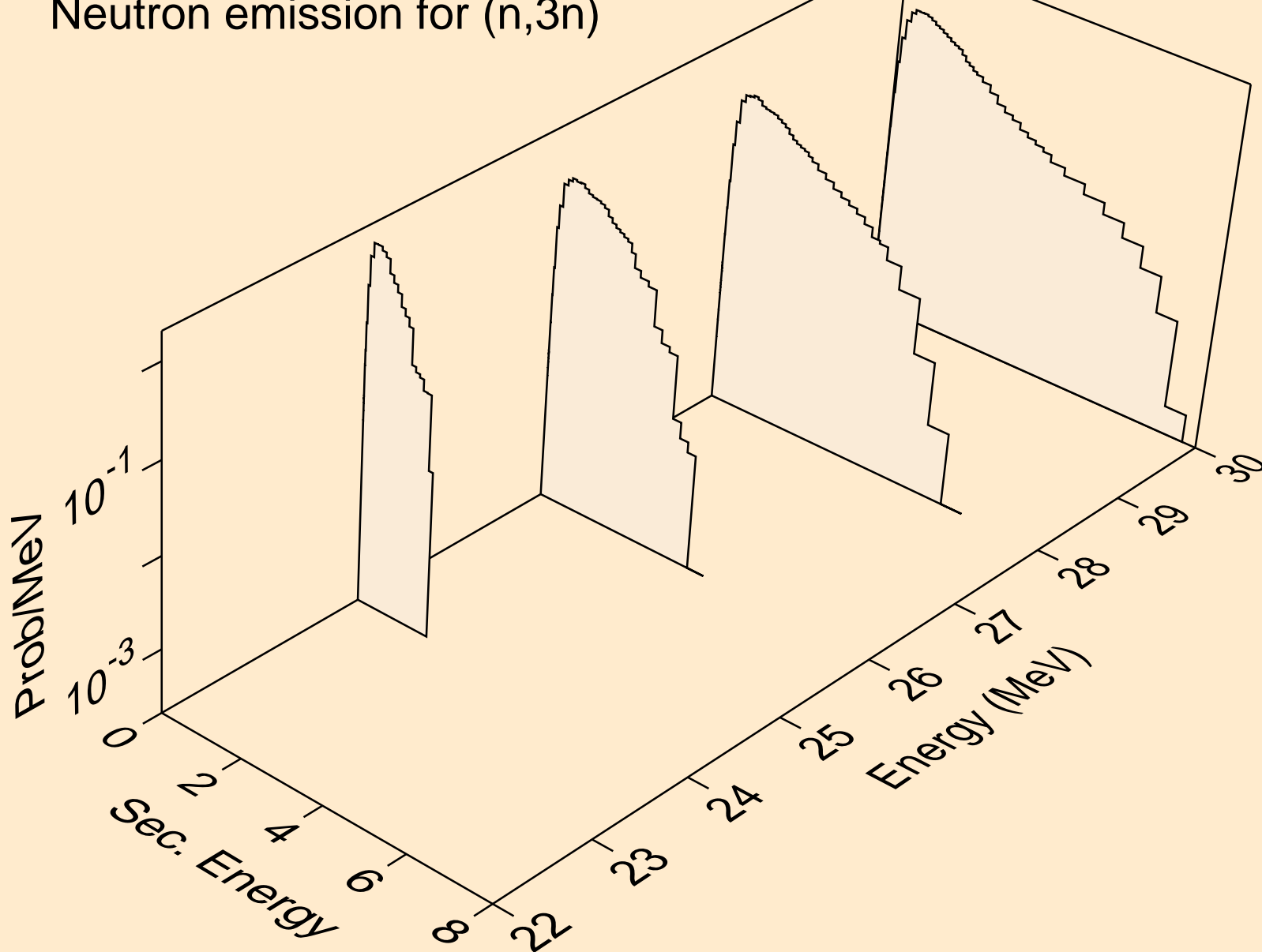
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



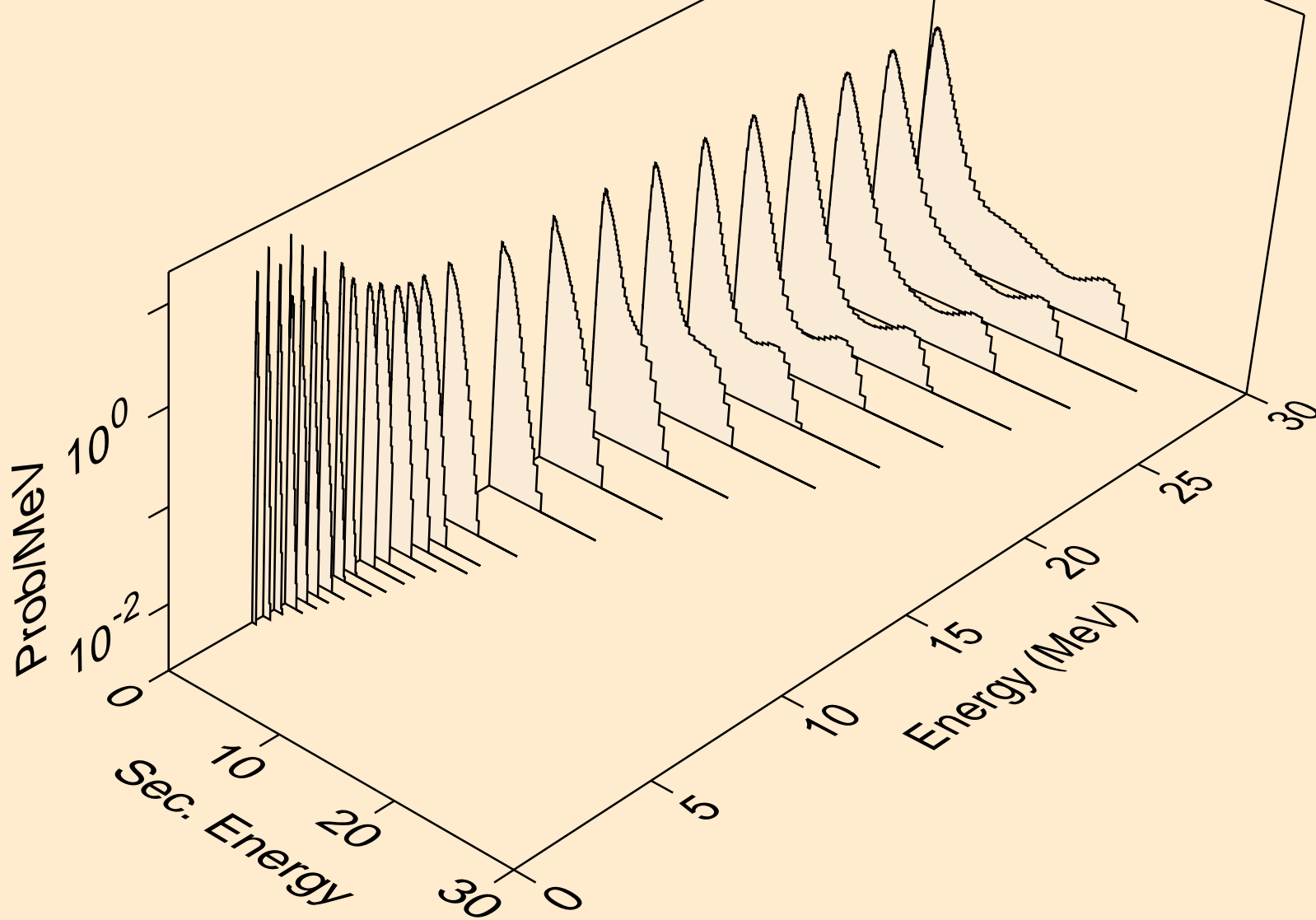
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)

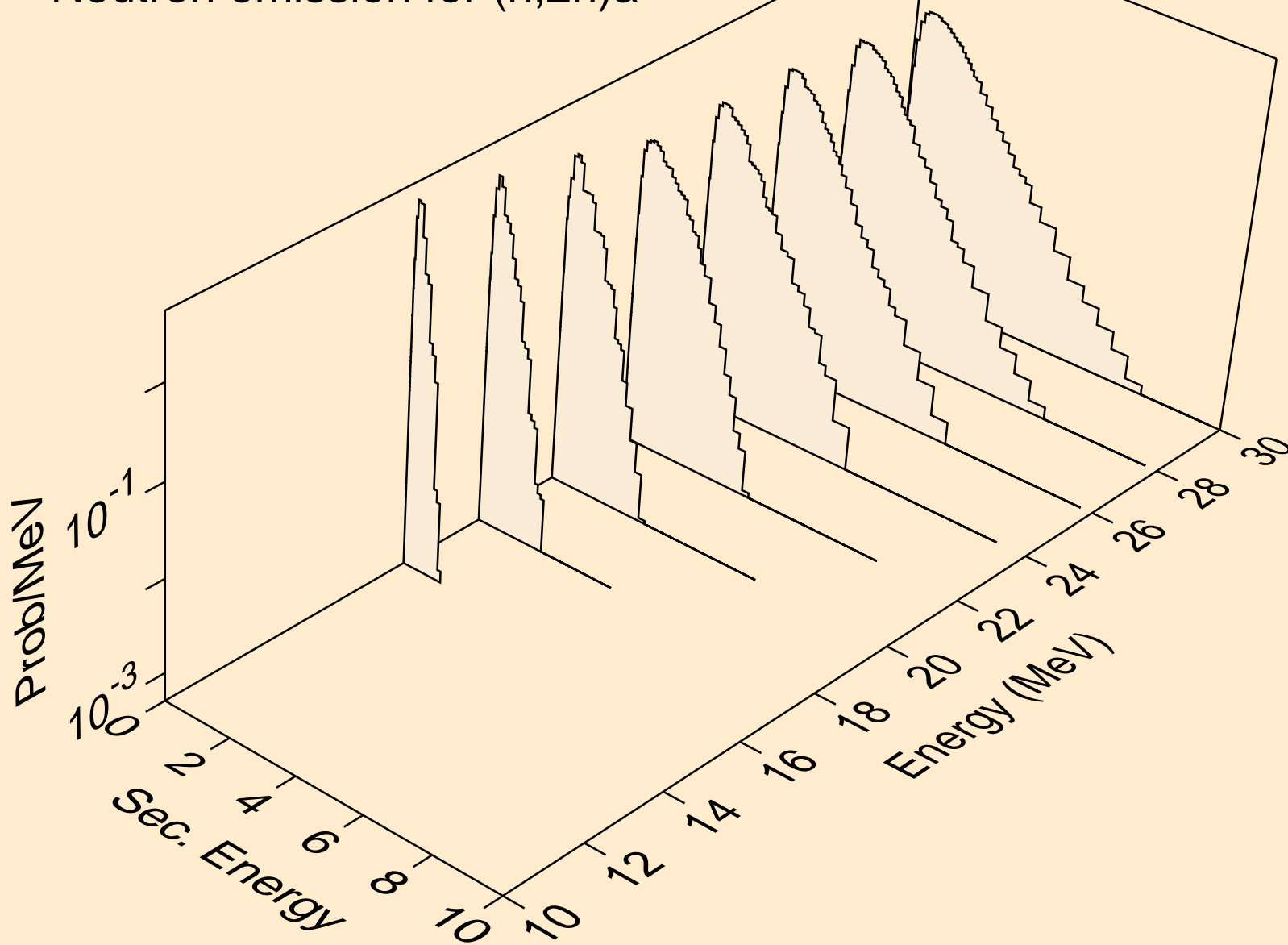


ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a

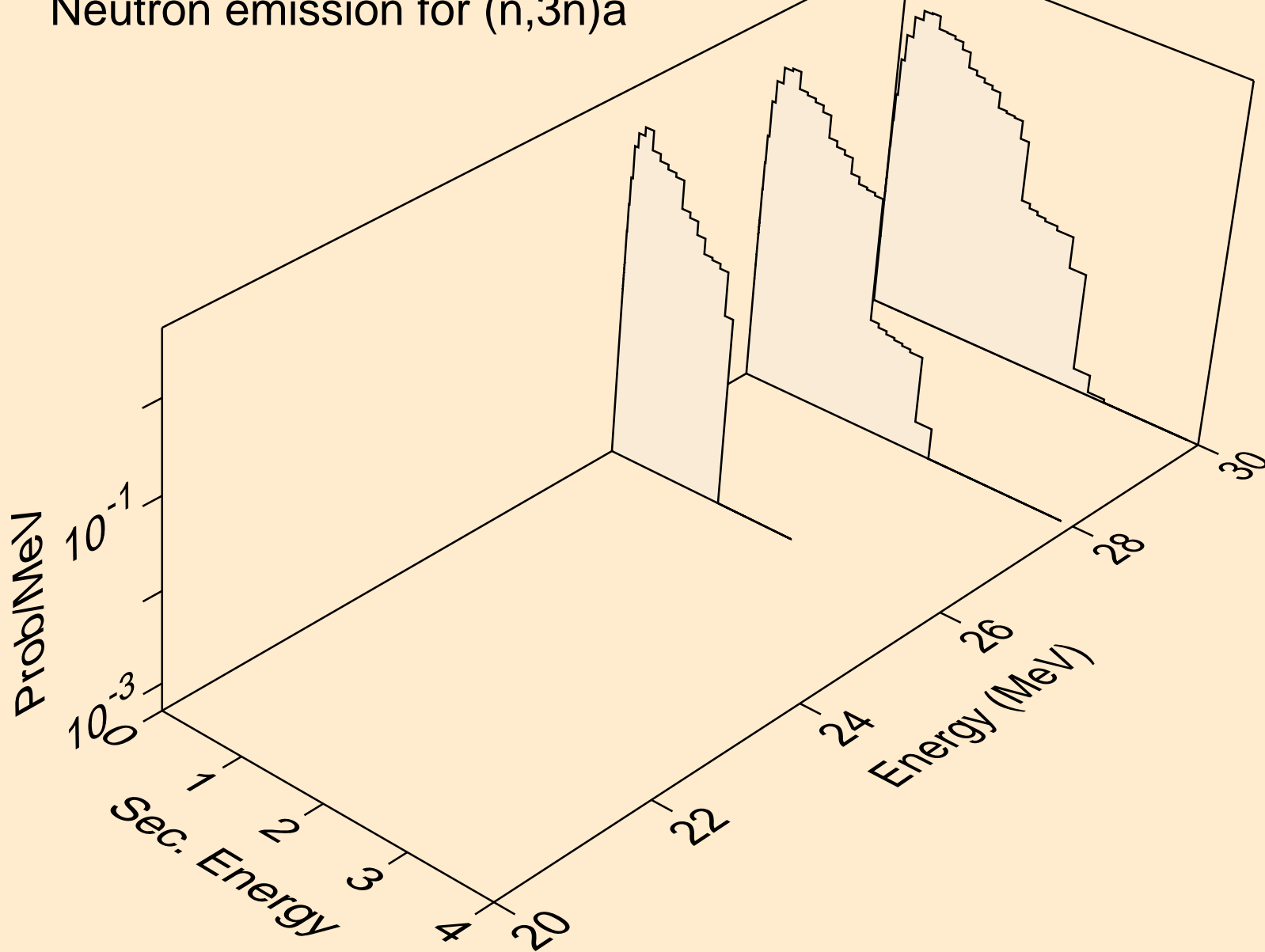




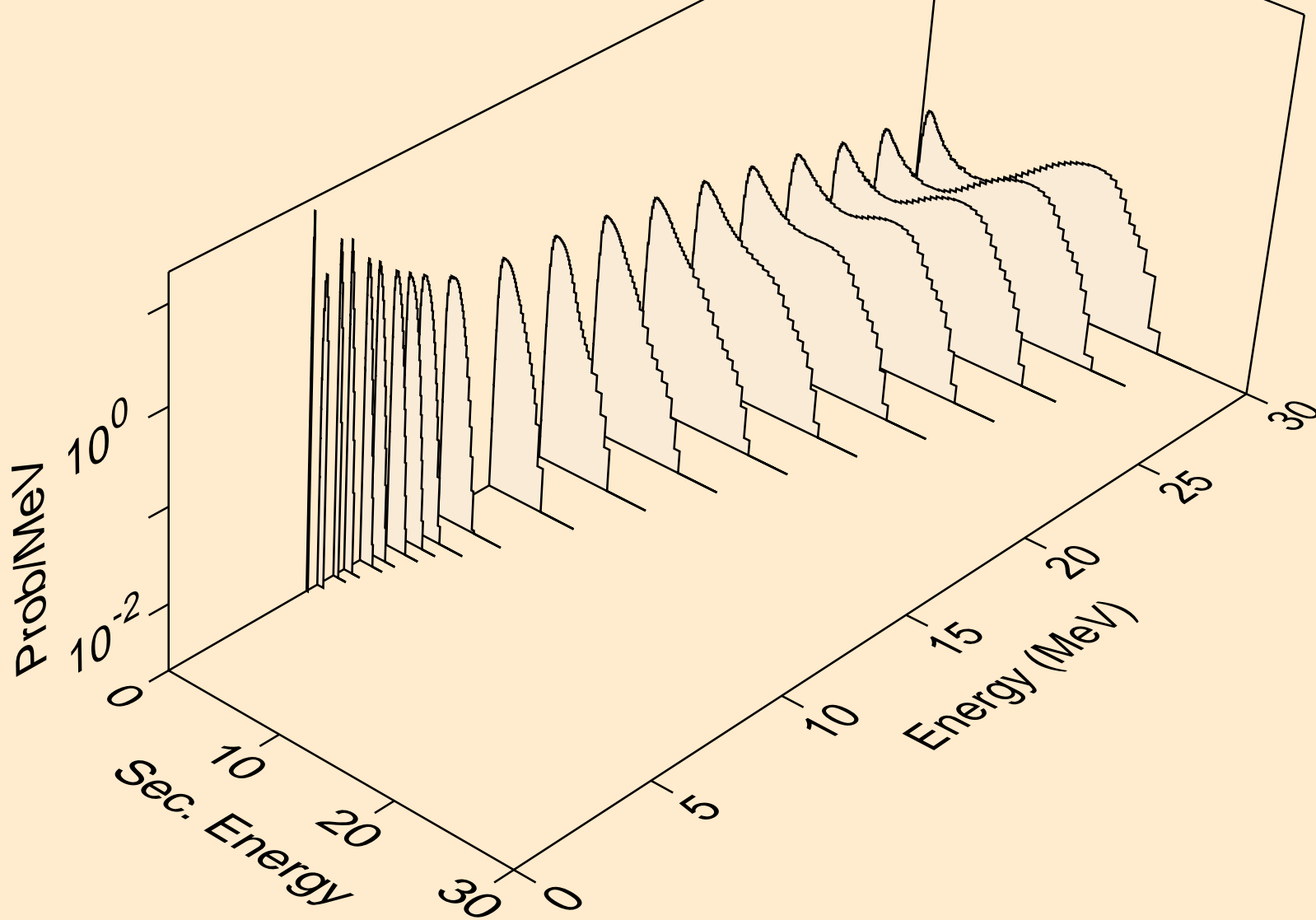
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



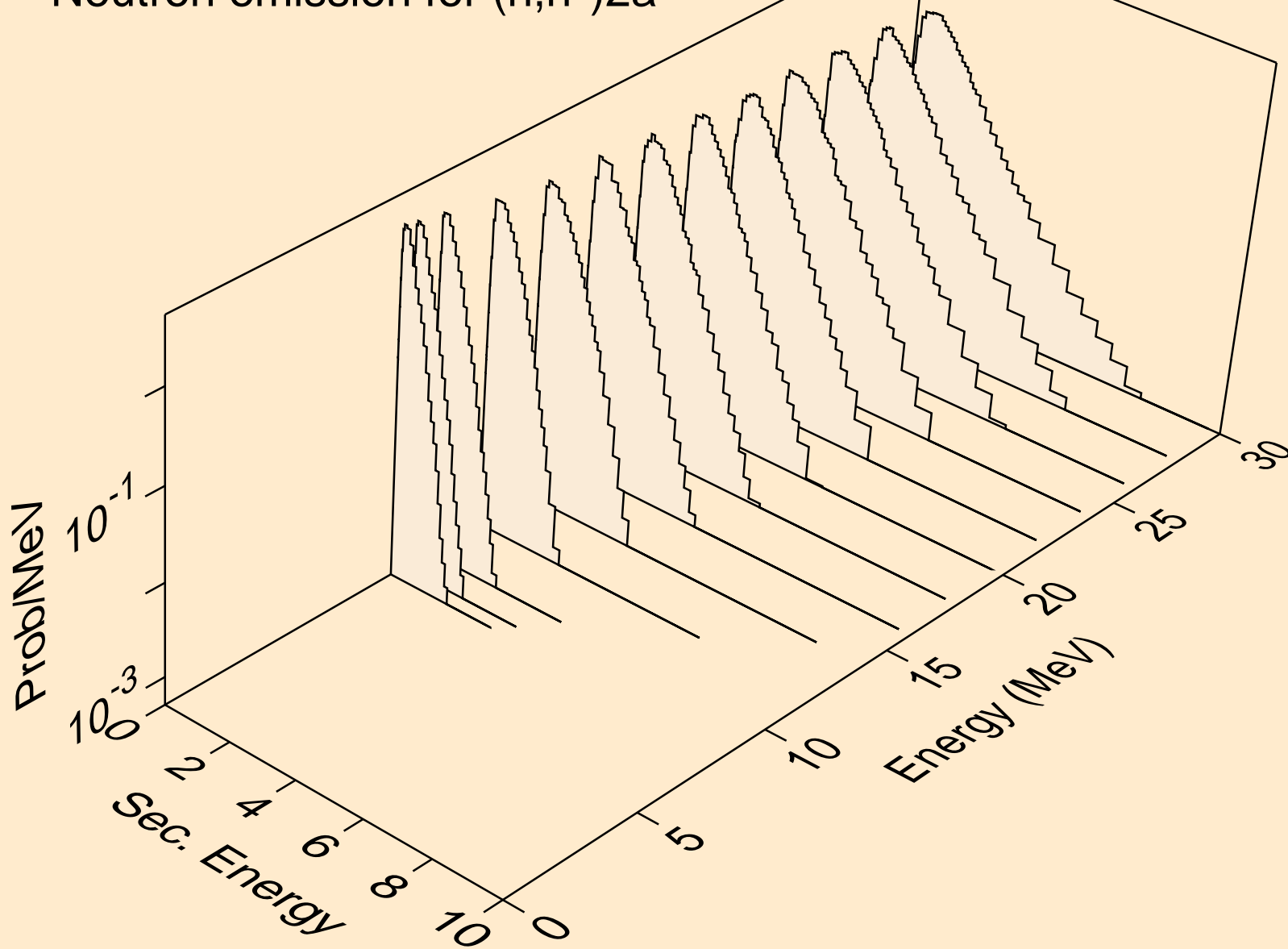
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



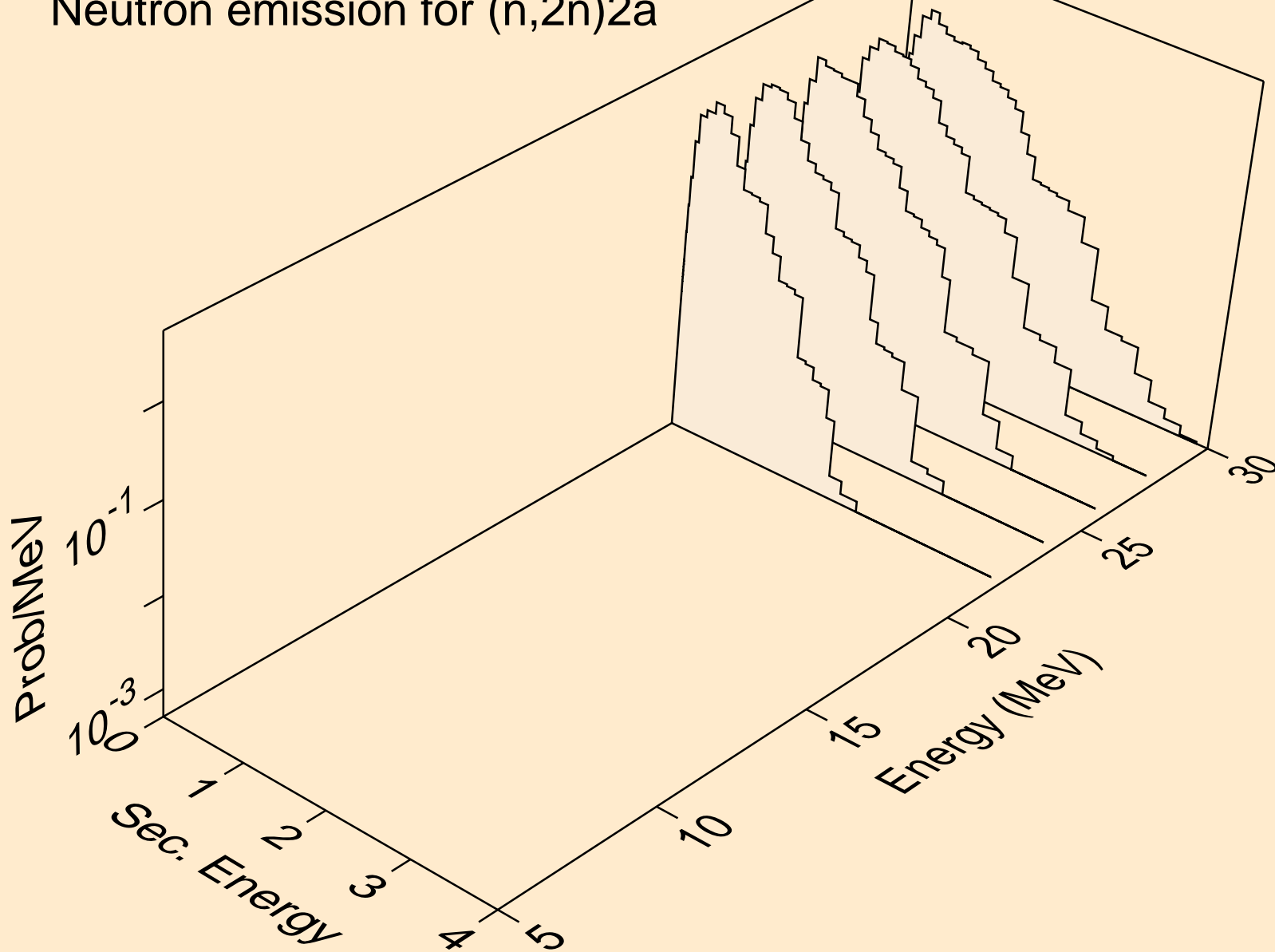
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



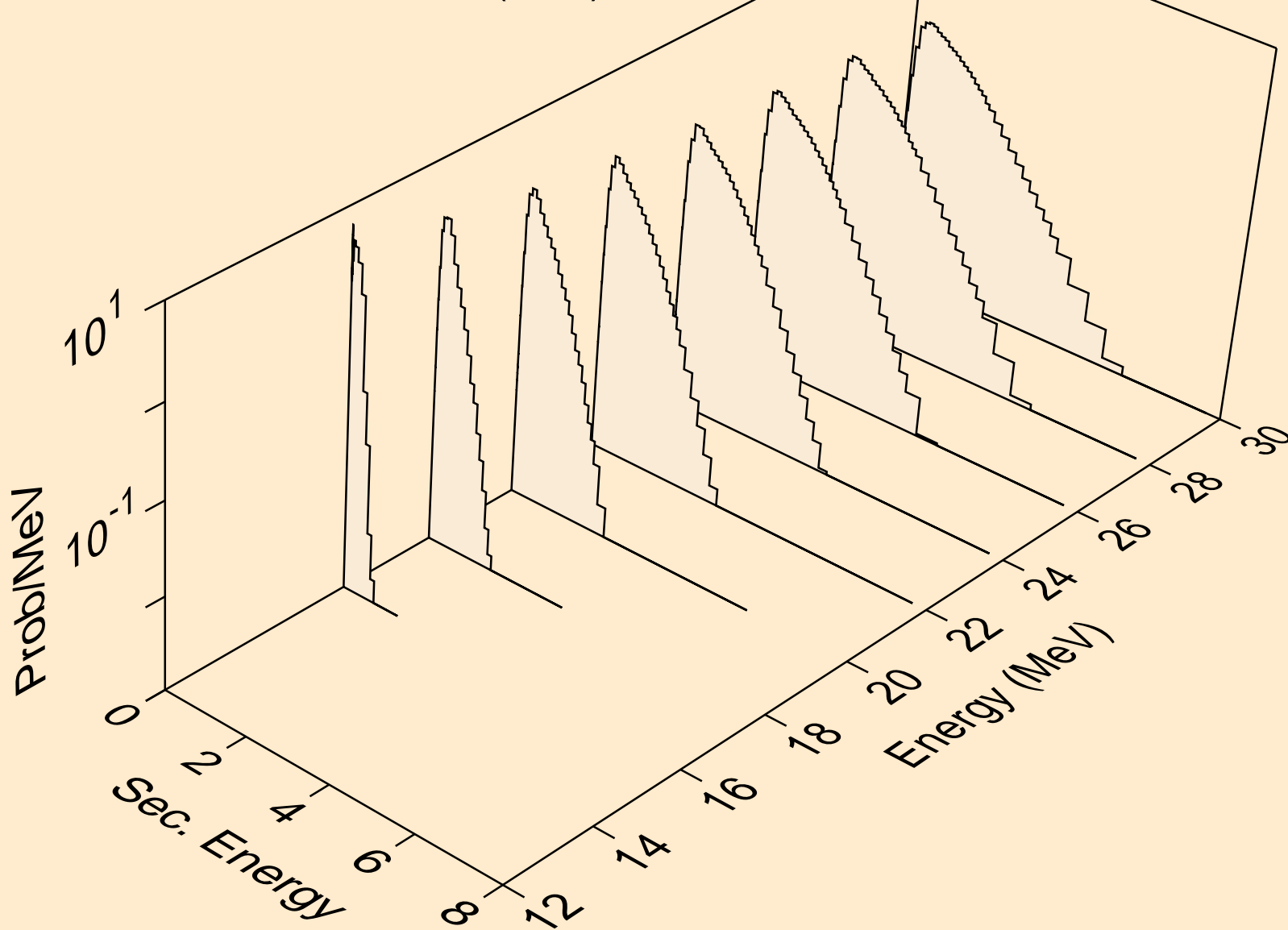
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)2a



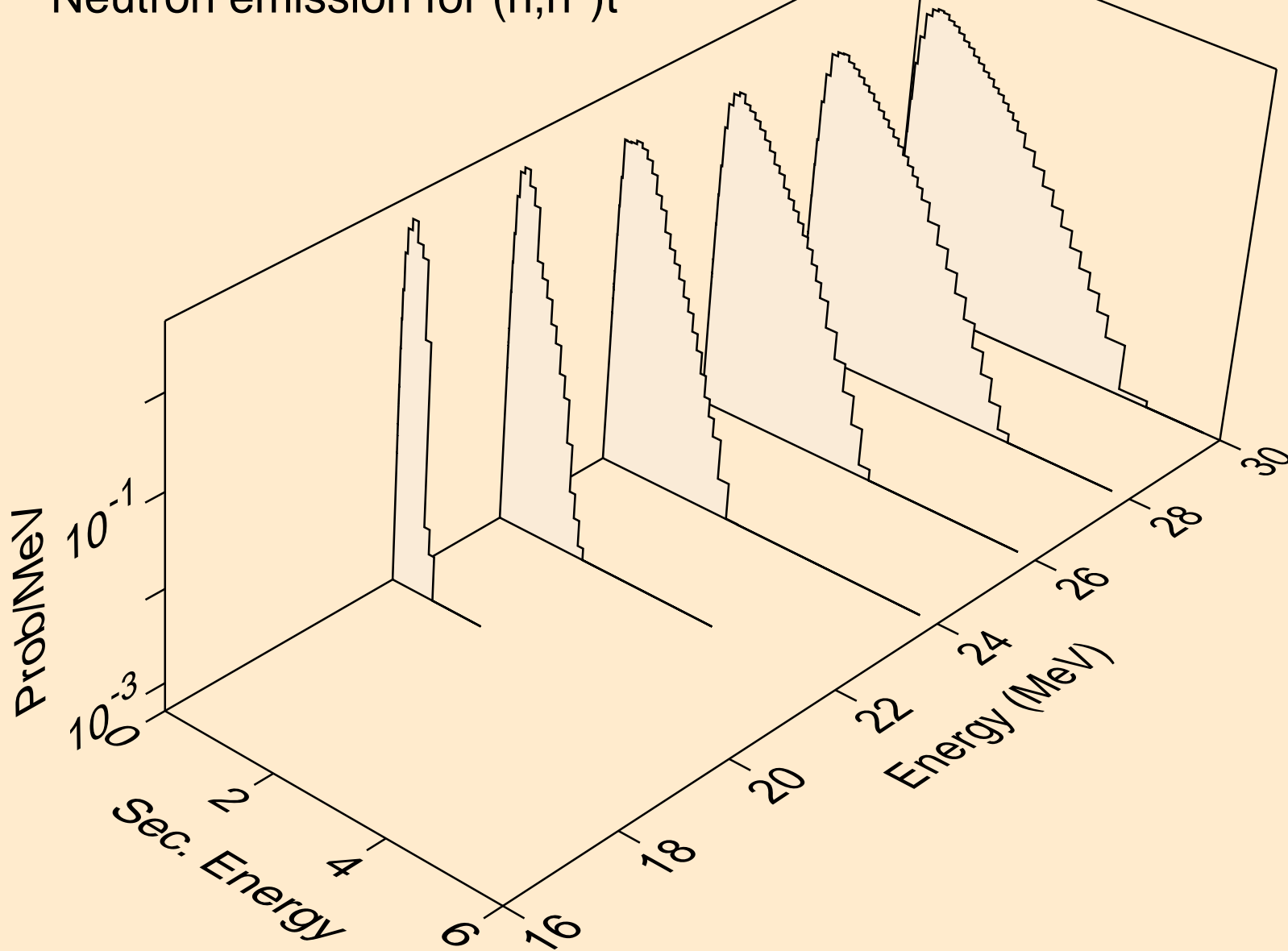
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)2a



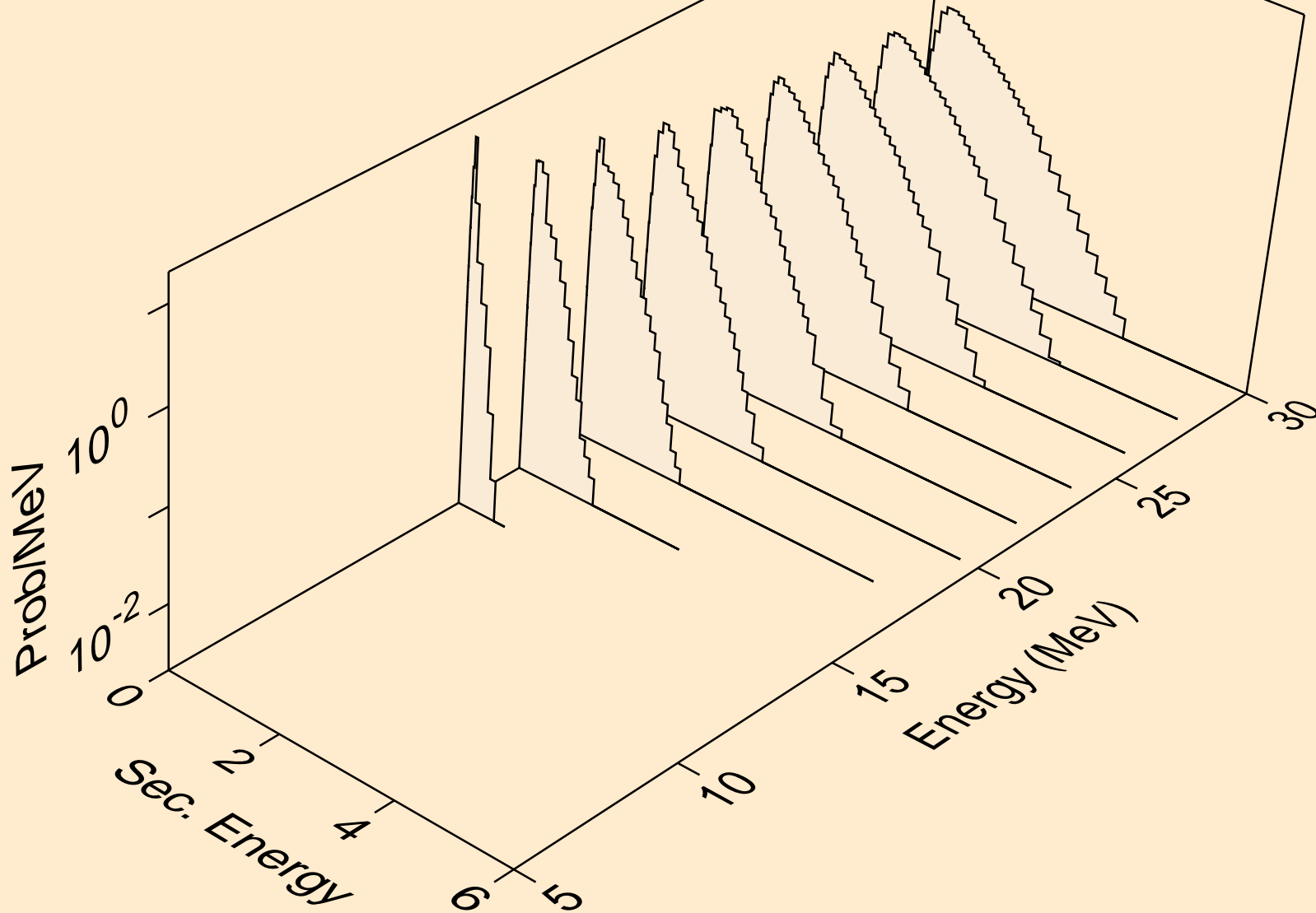
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t

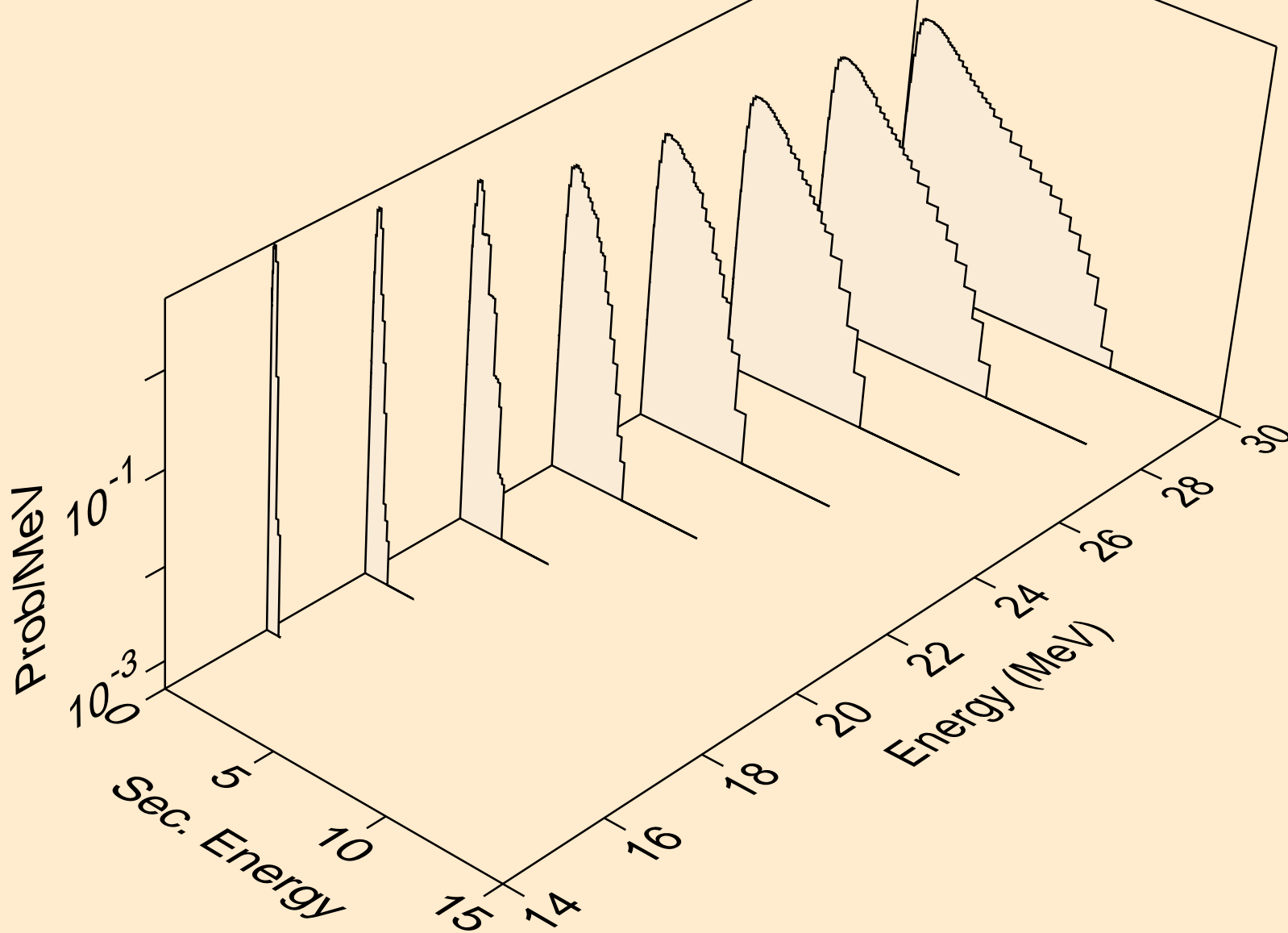


ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3

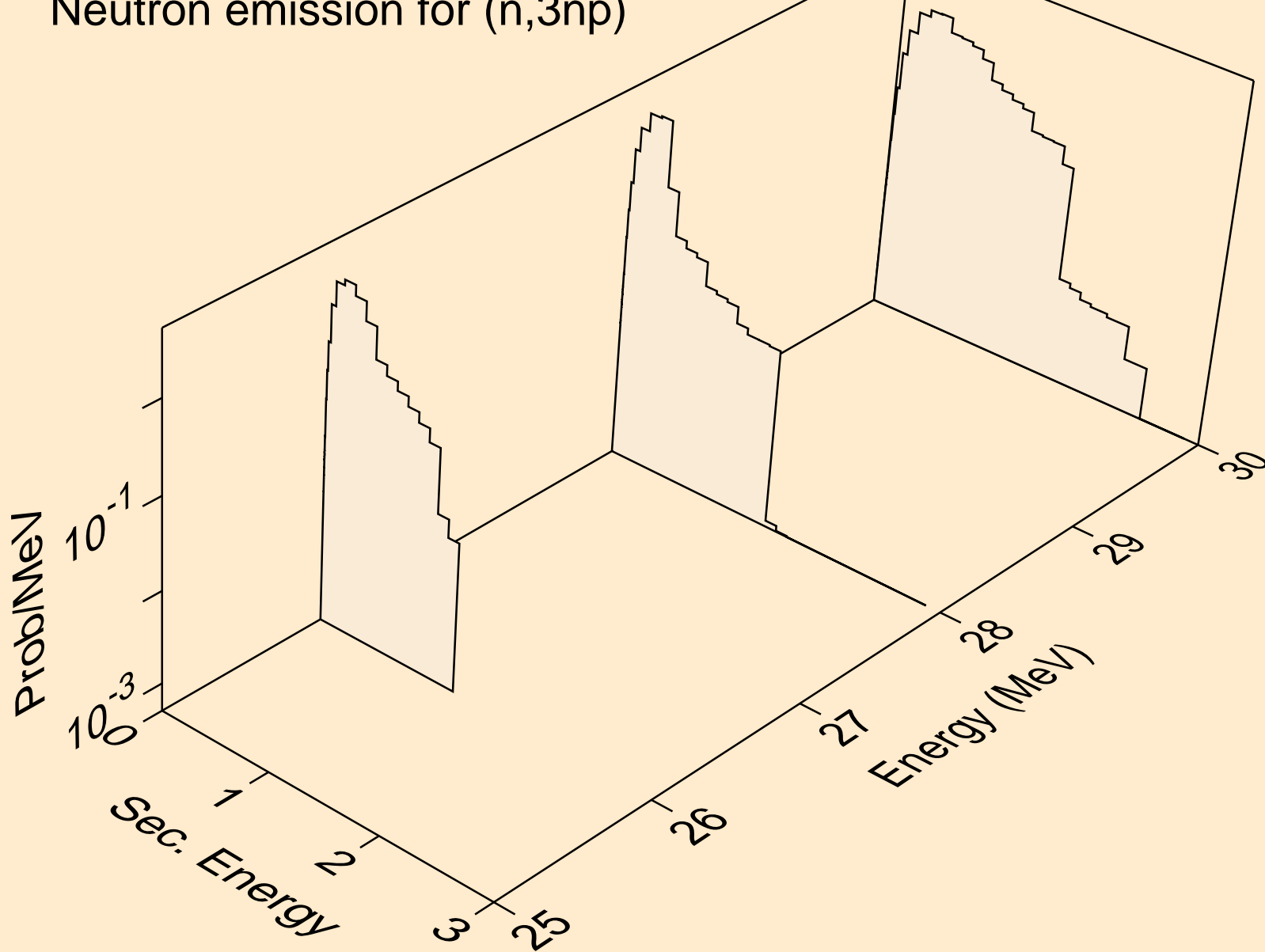




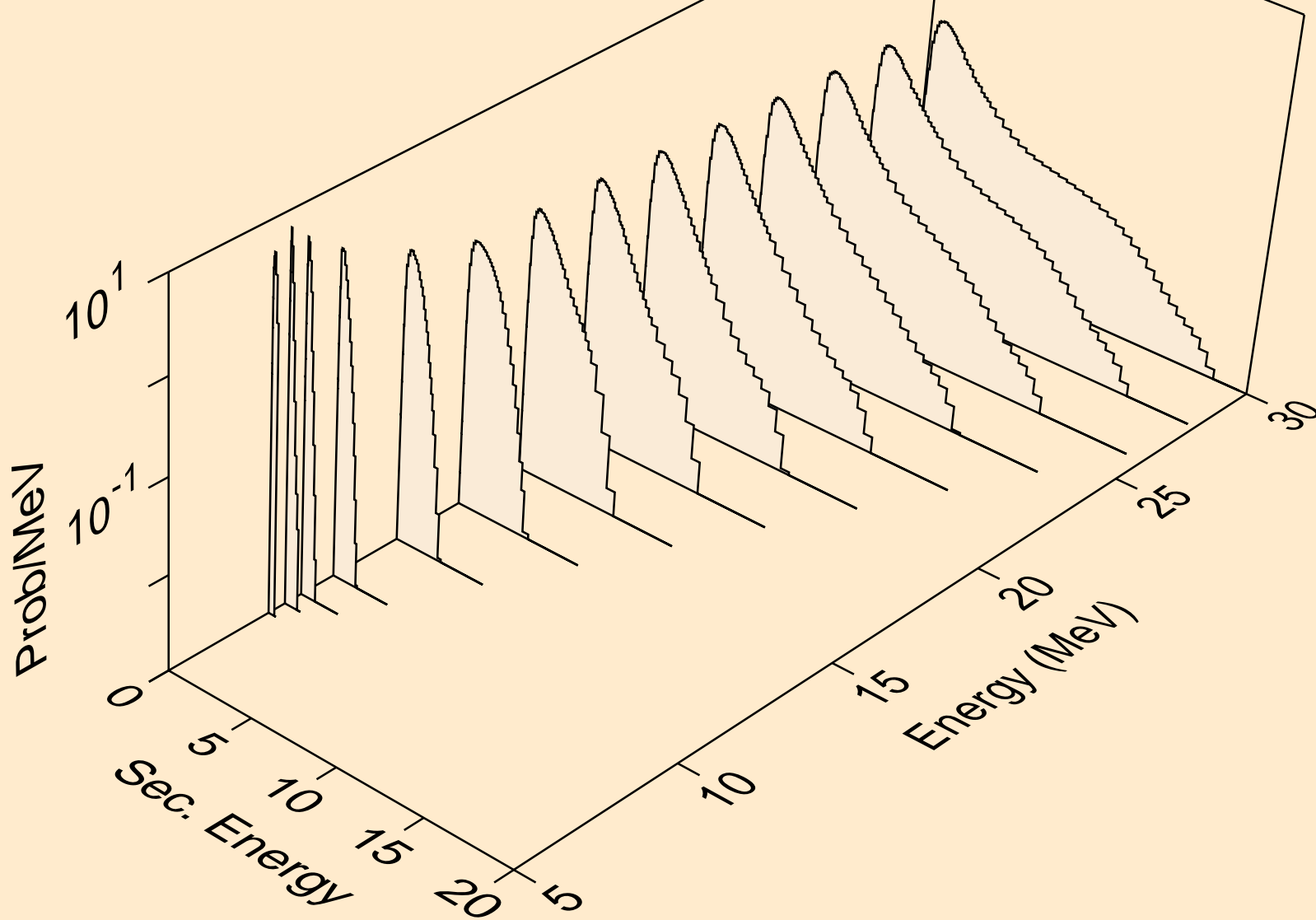
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



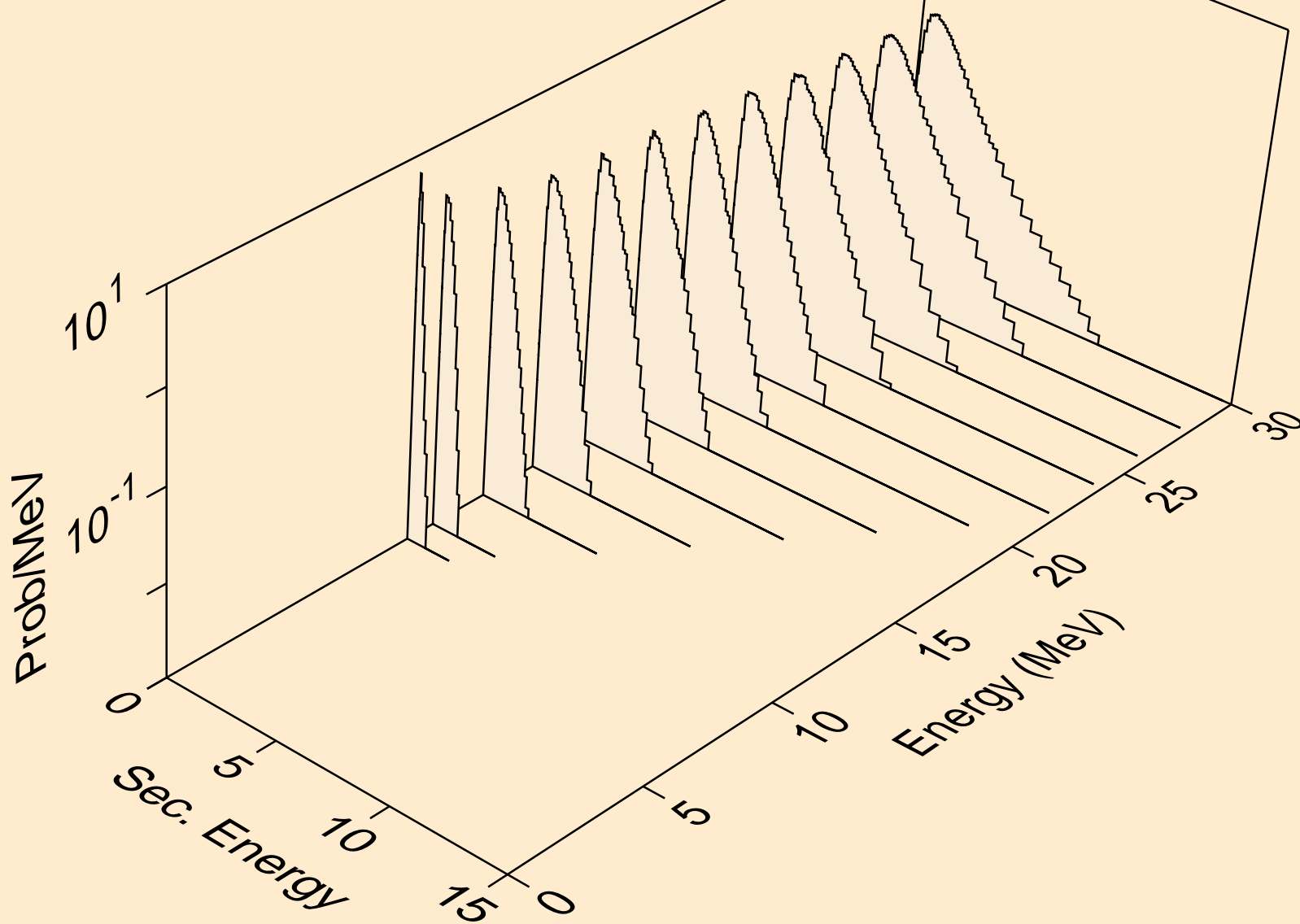
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)



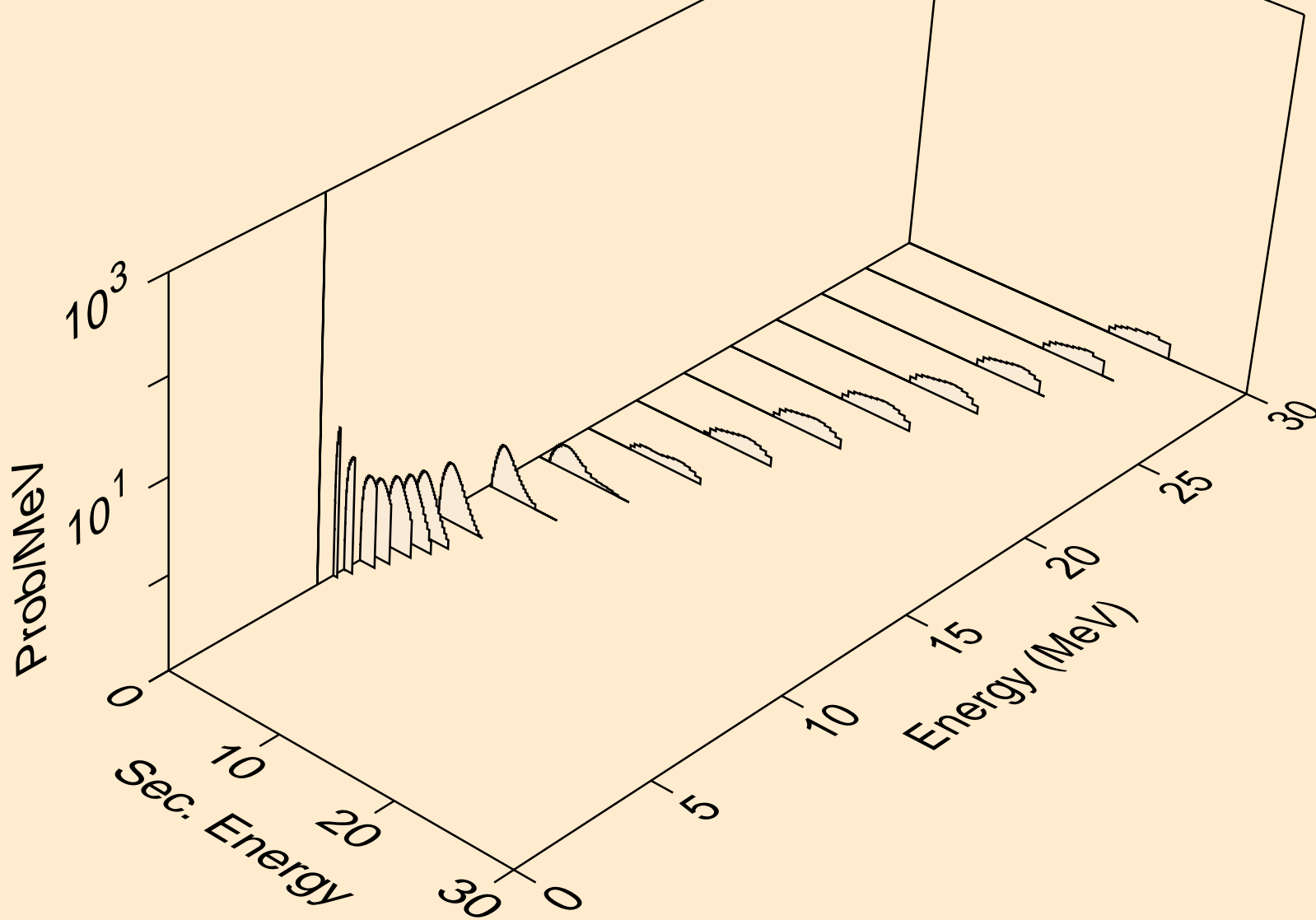
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



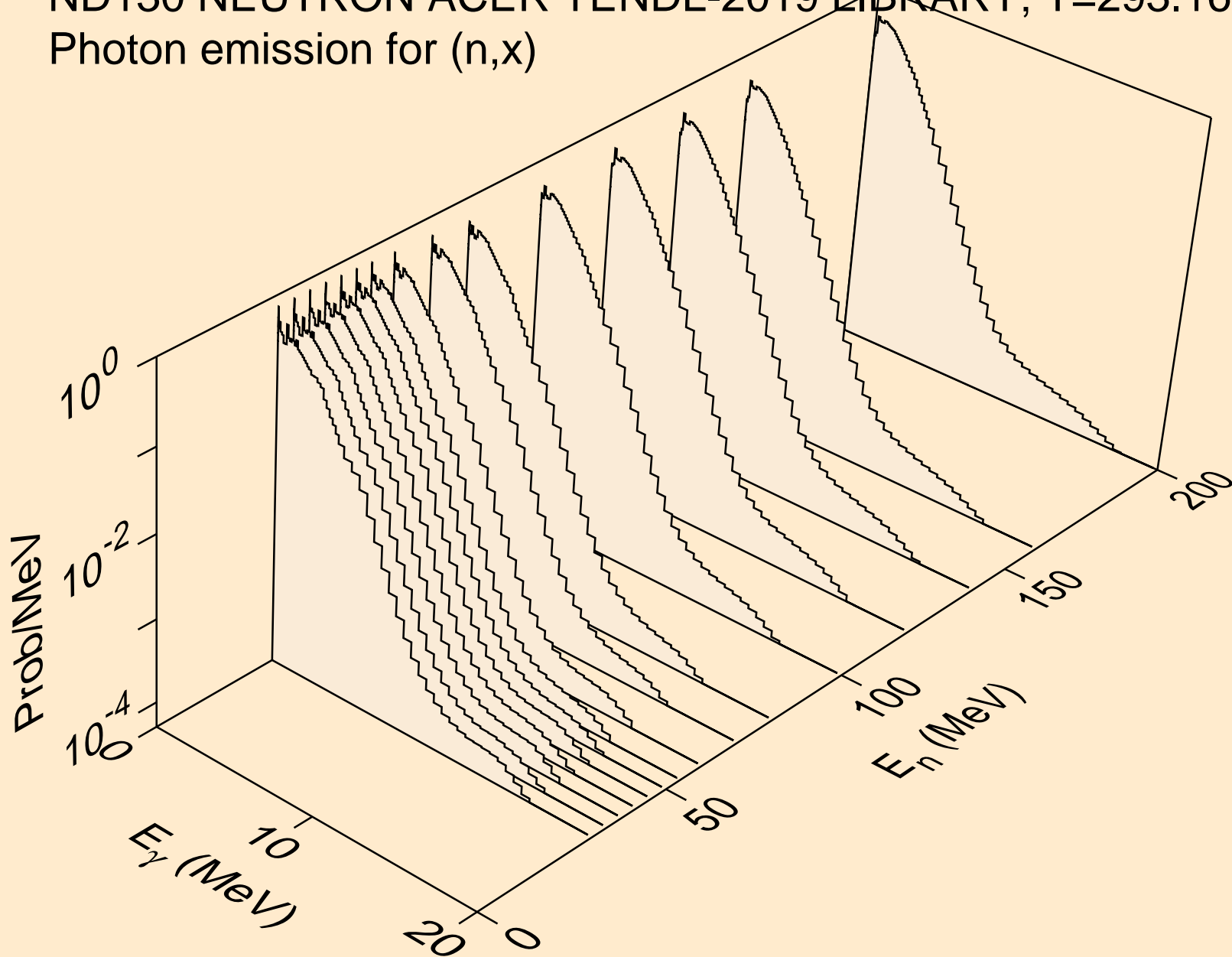
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Neutron emission for (n,npa)



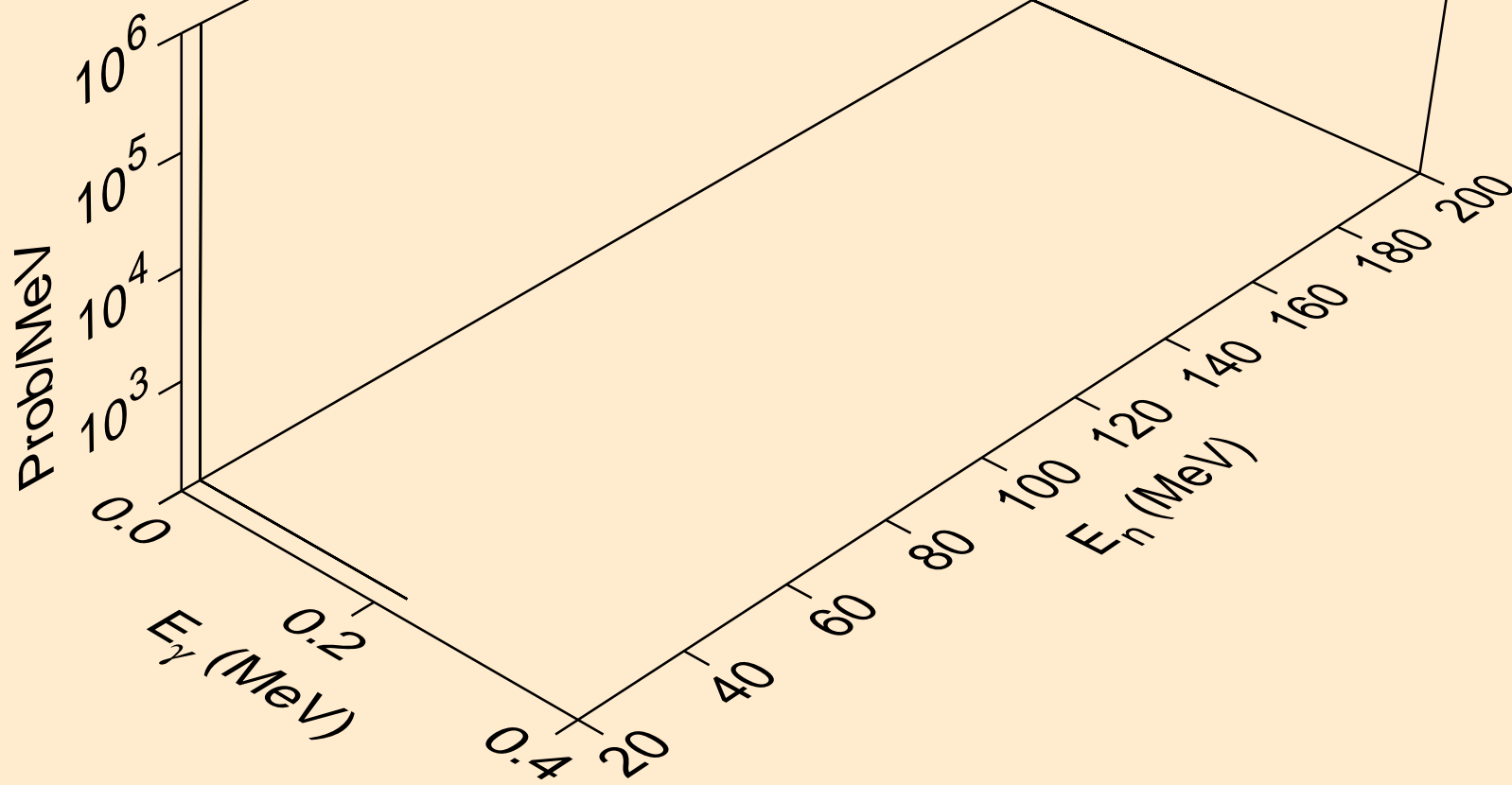
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



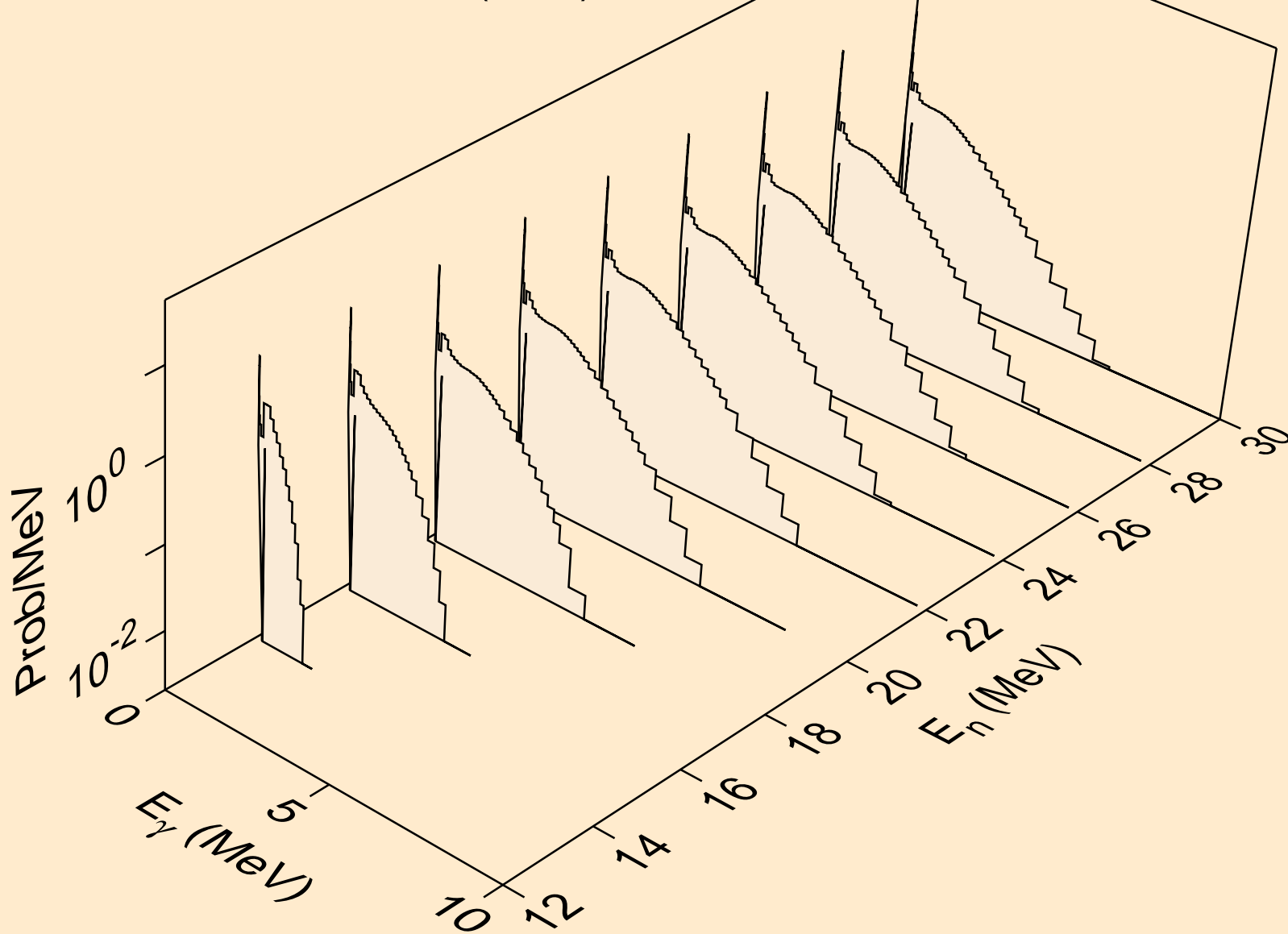
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)

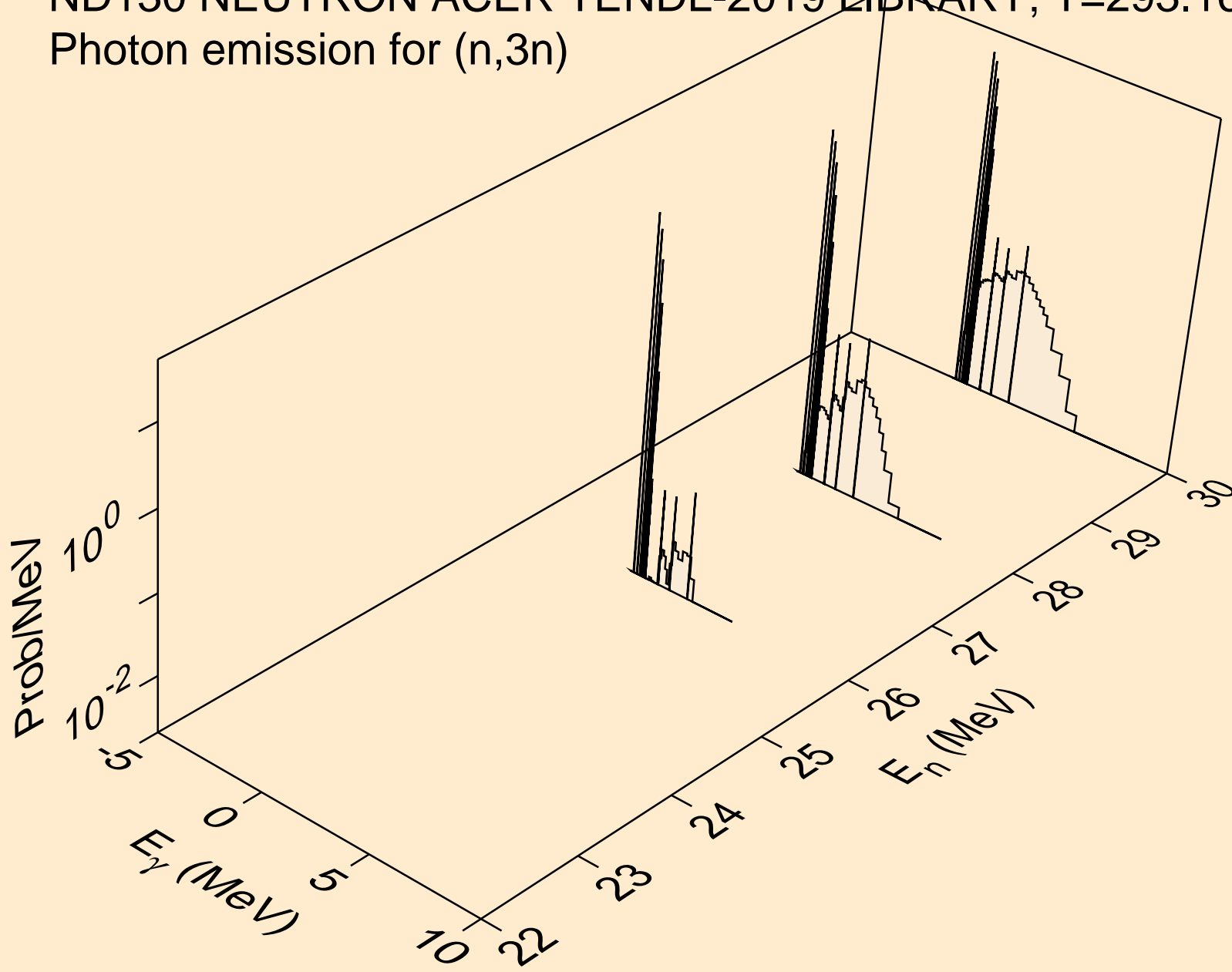


ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)

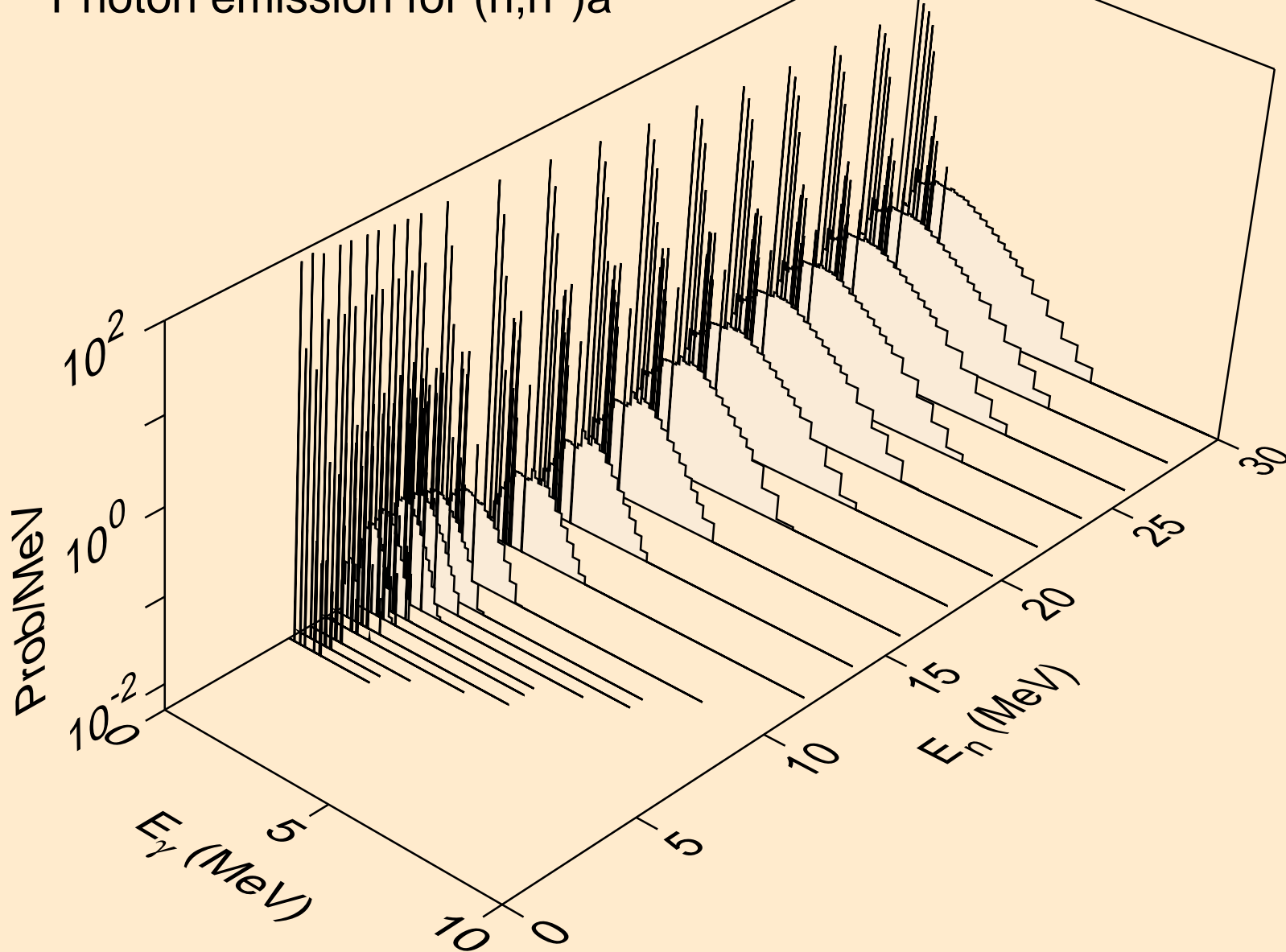




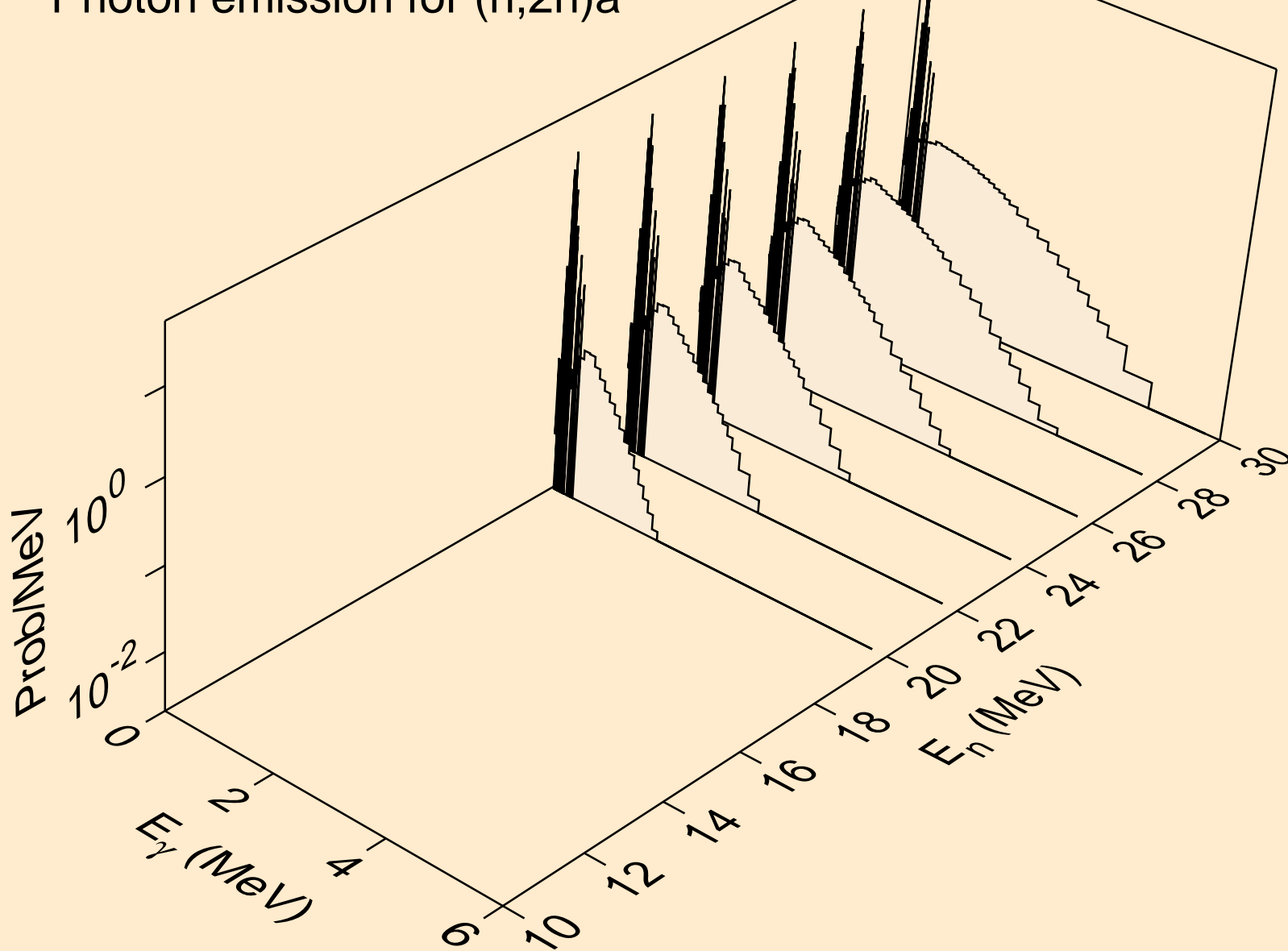
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



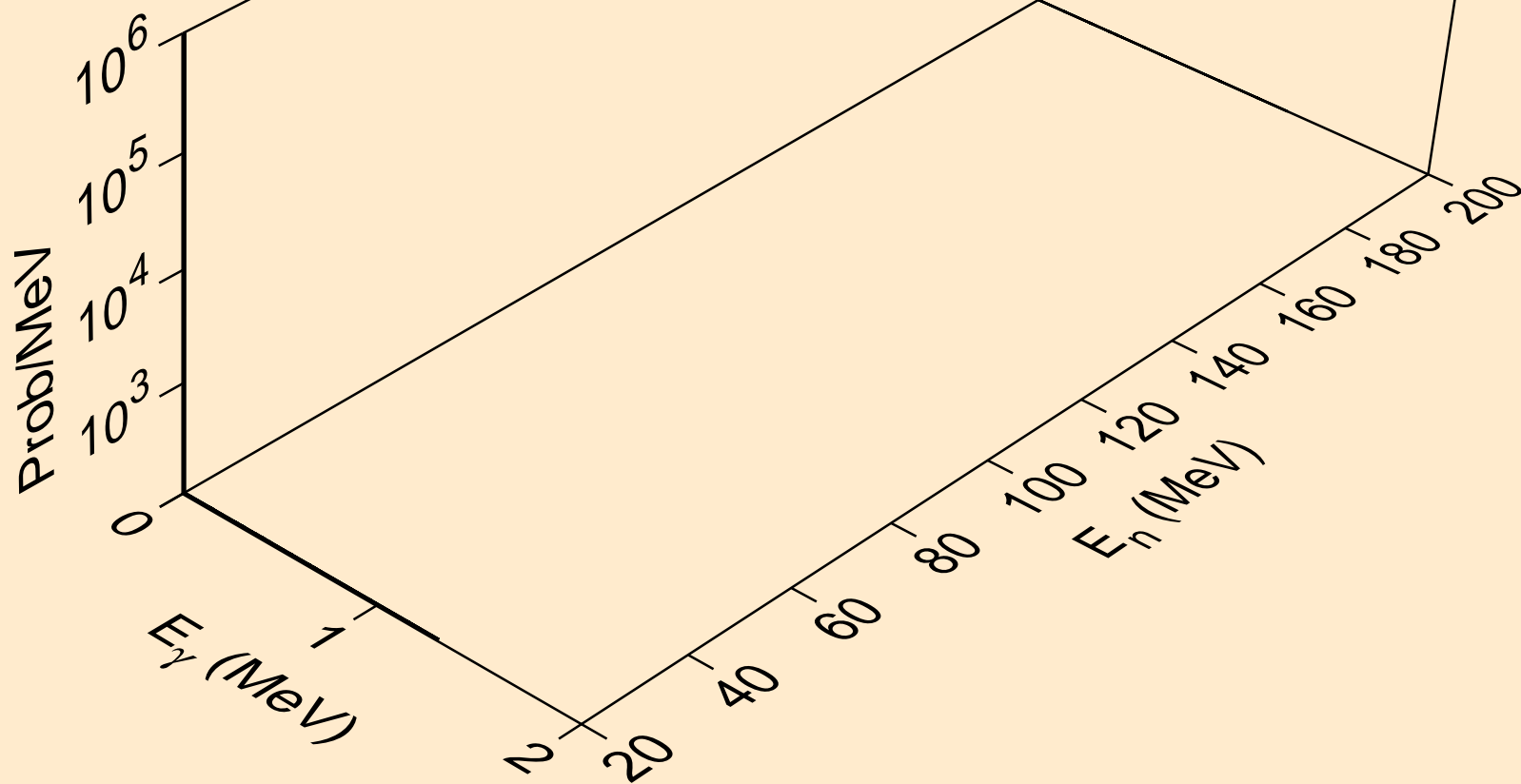
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



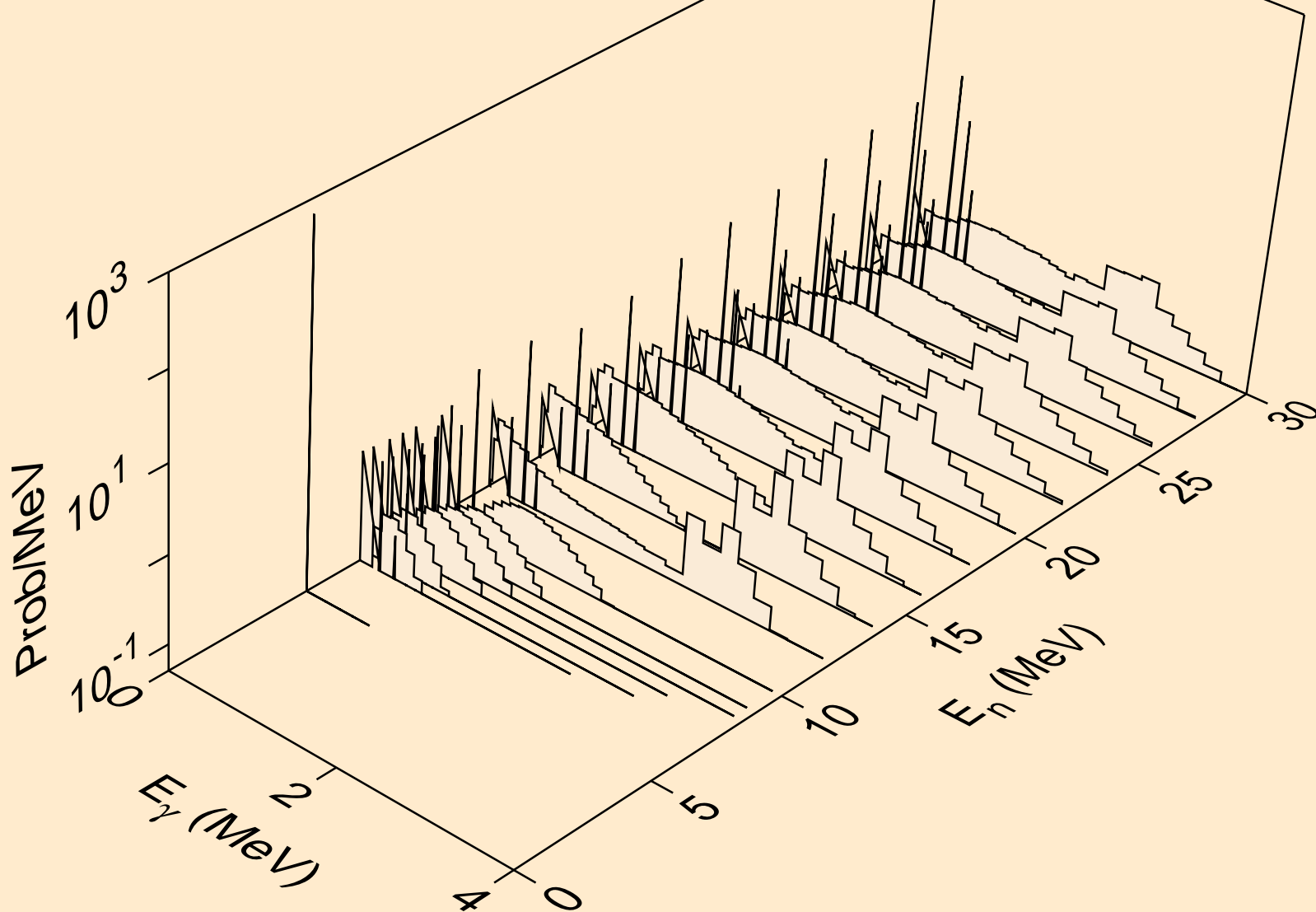
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a



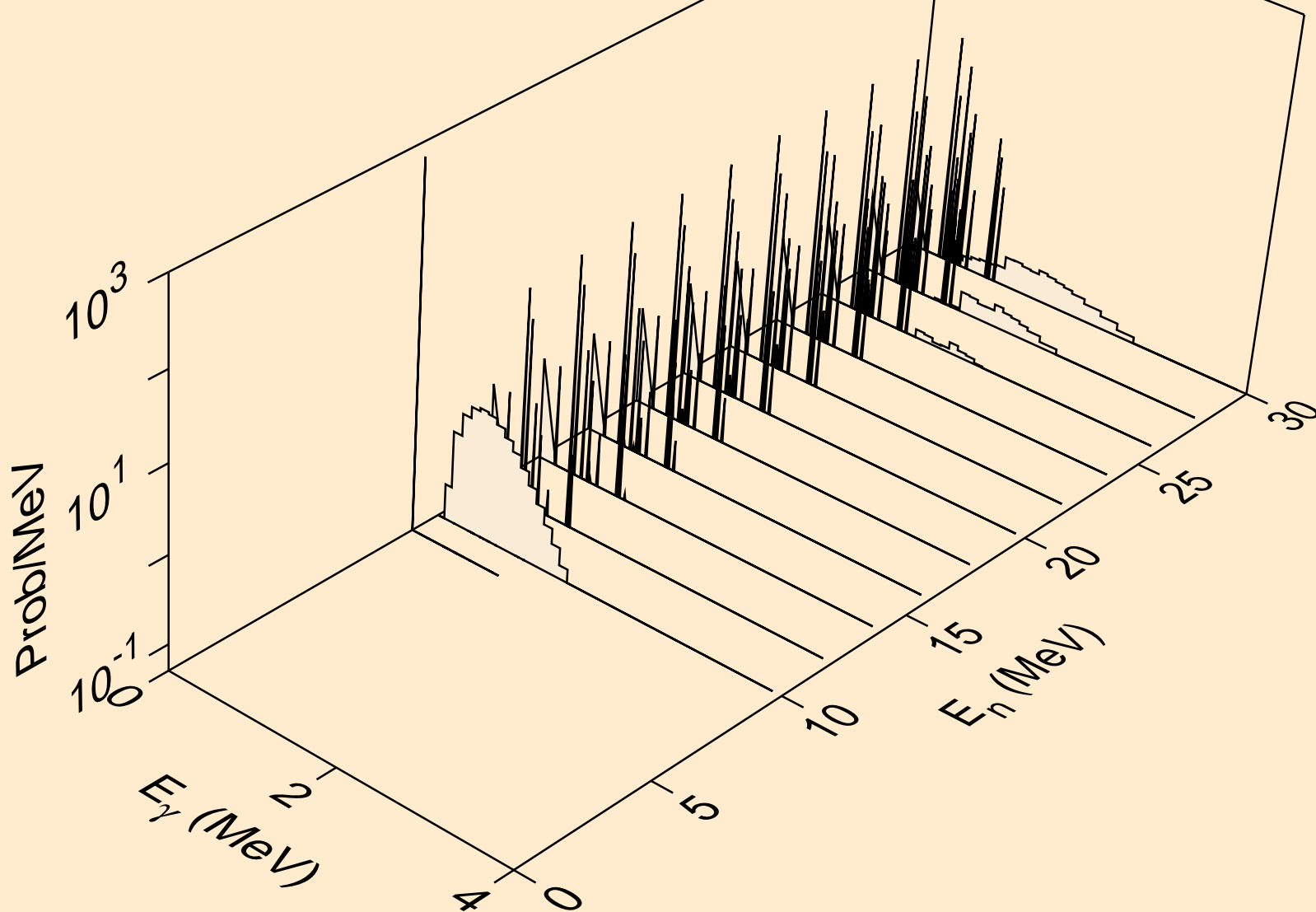
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Photon emission for (n,3n)a



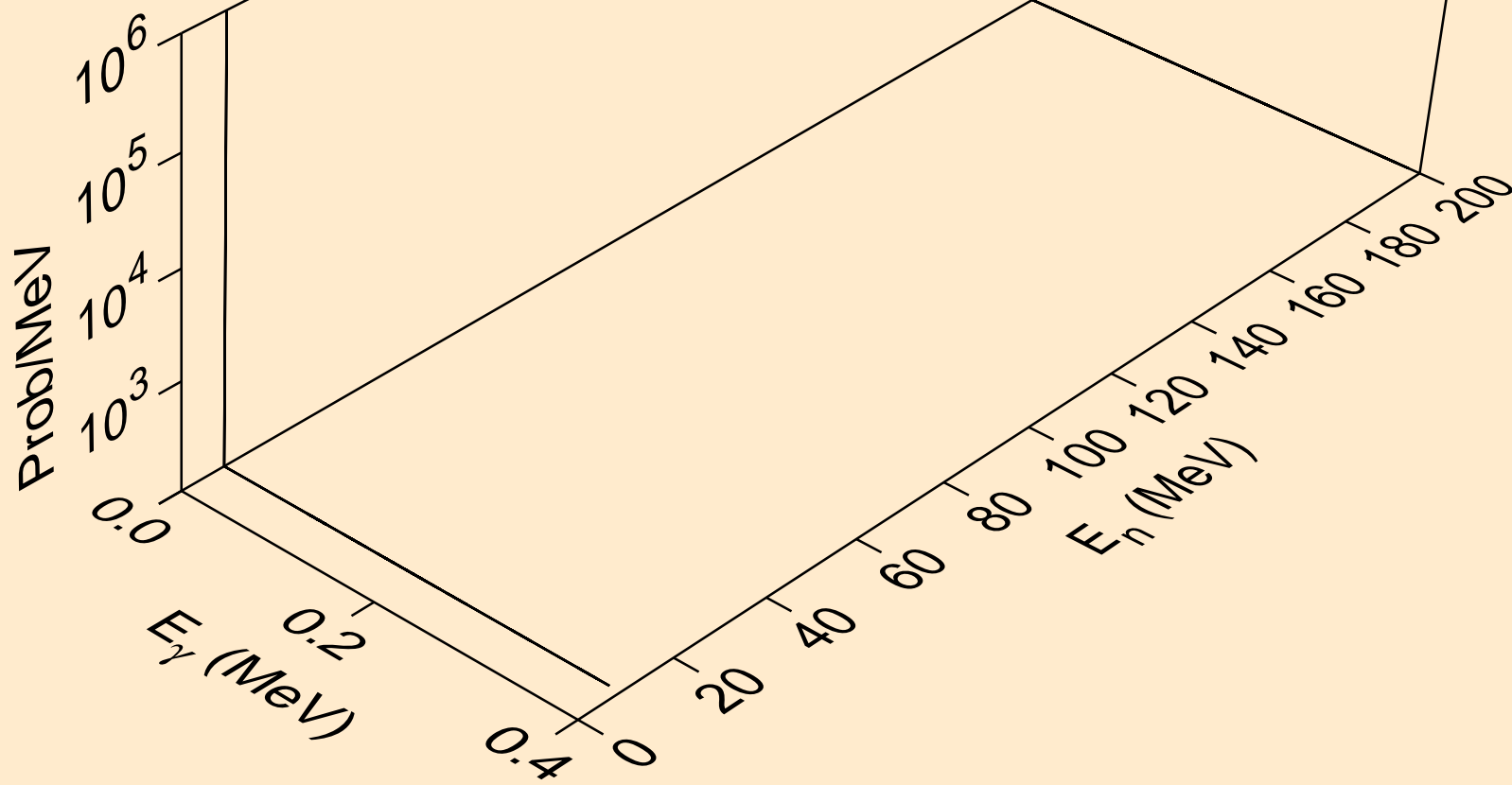
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



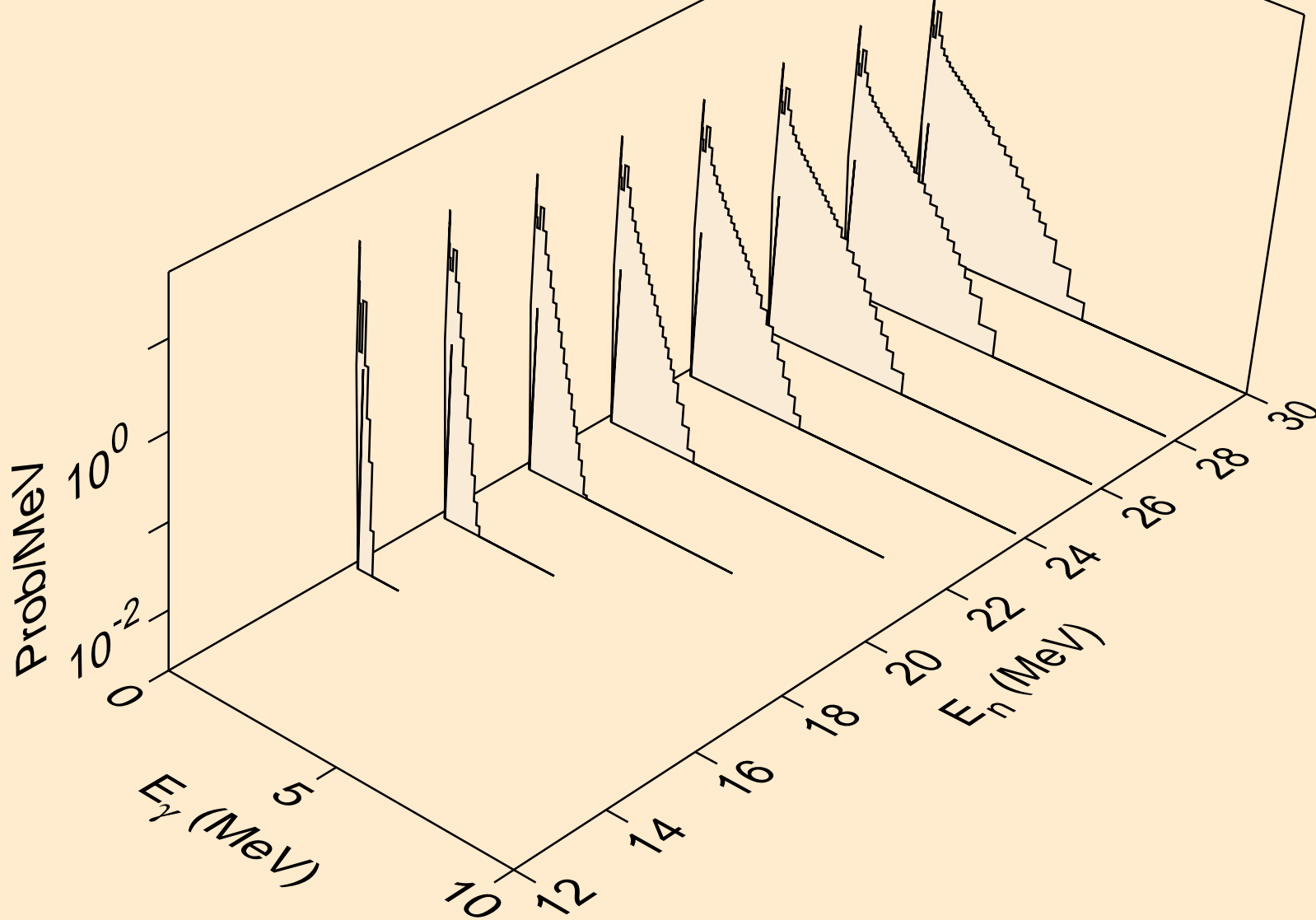
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)2a



ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)2a

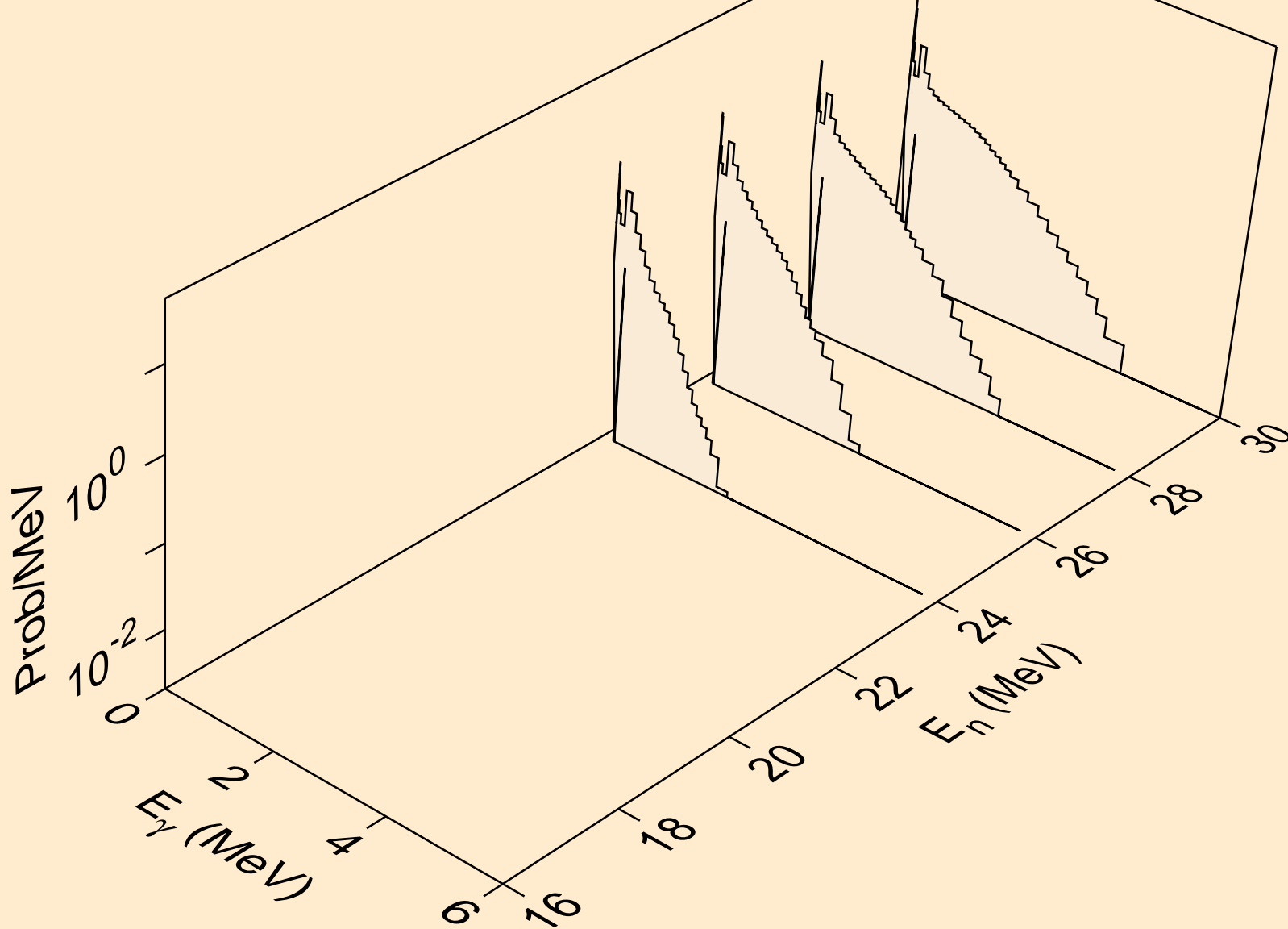


ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d

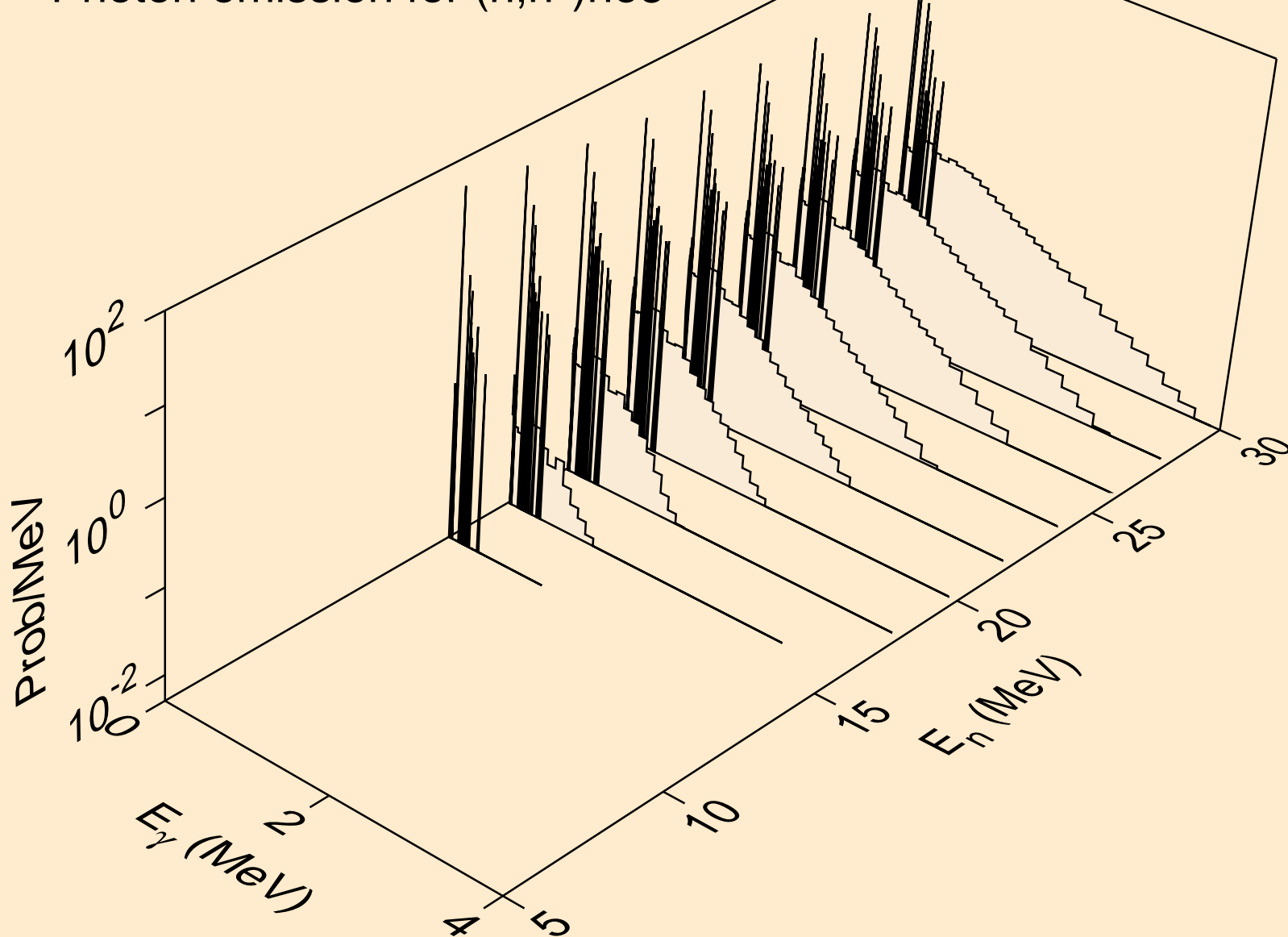




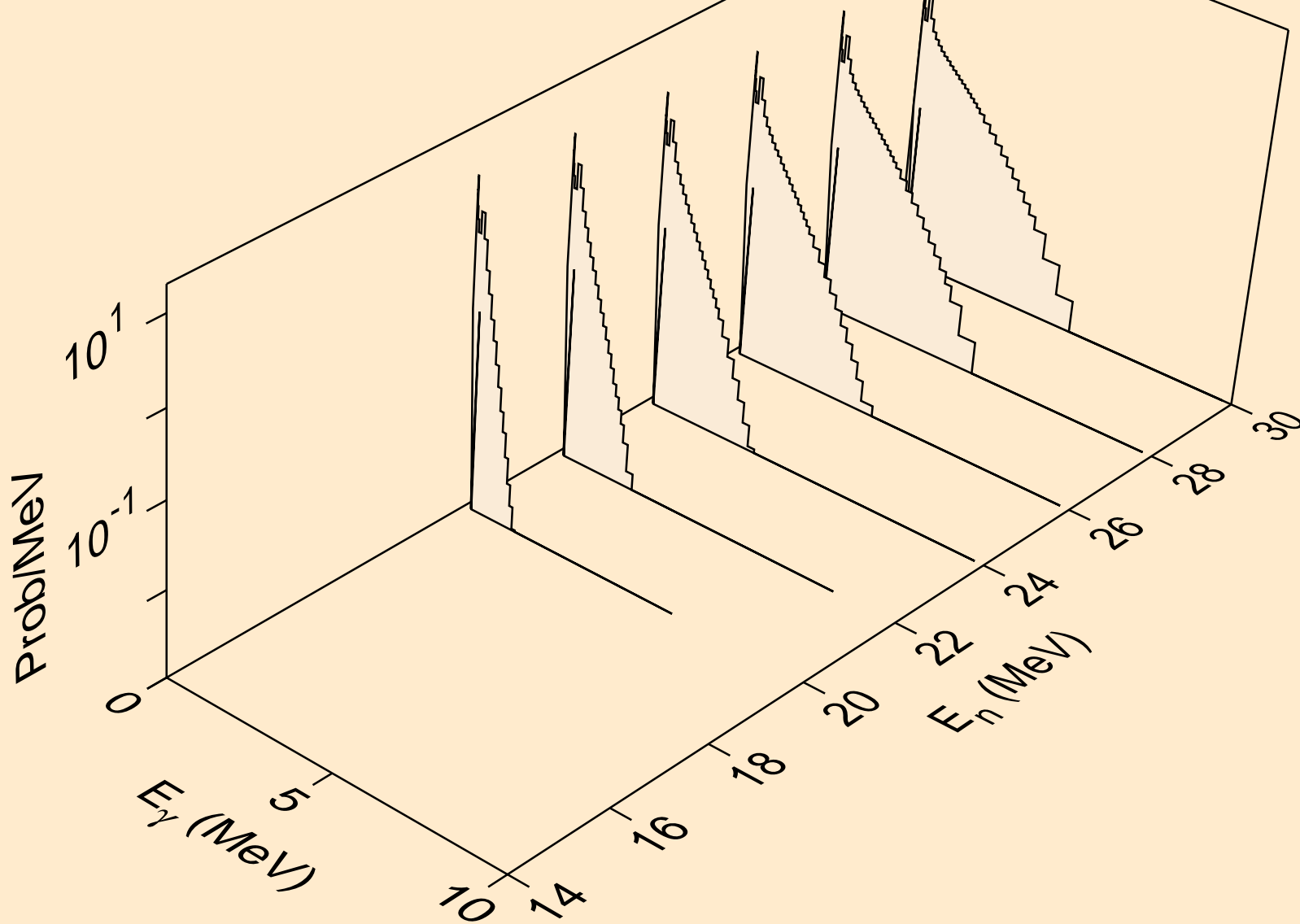
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



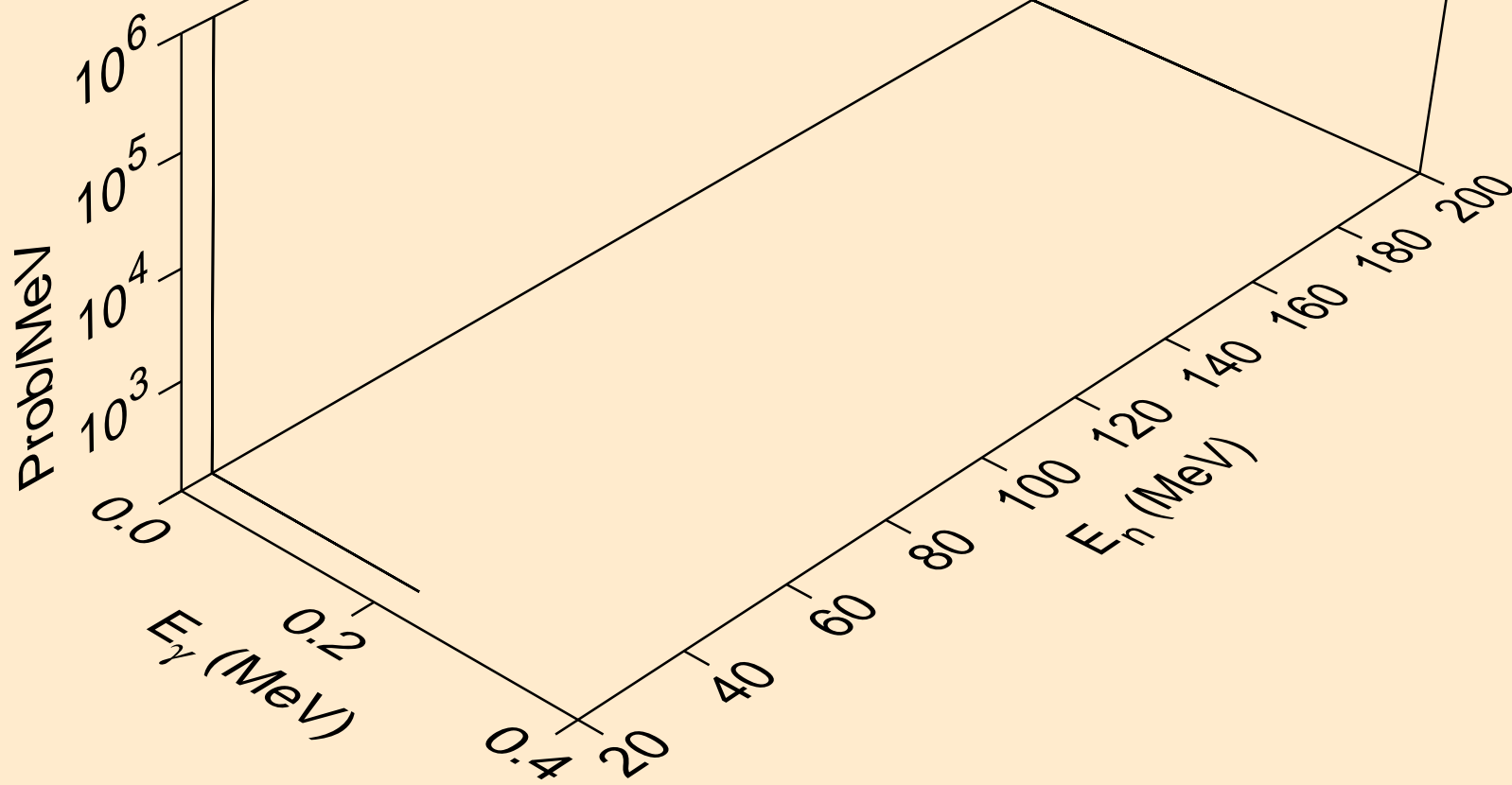
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



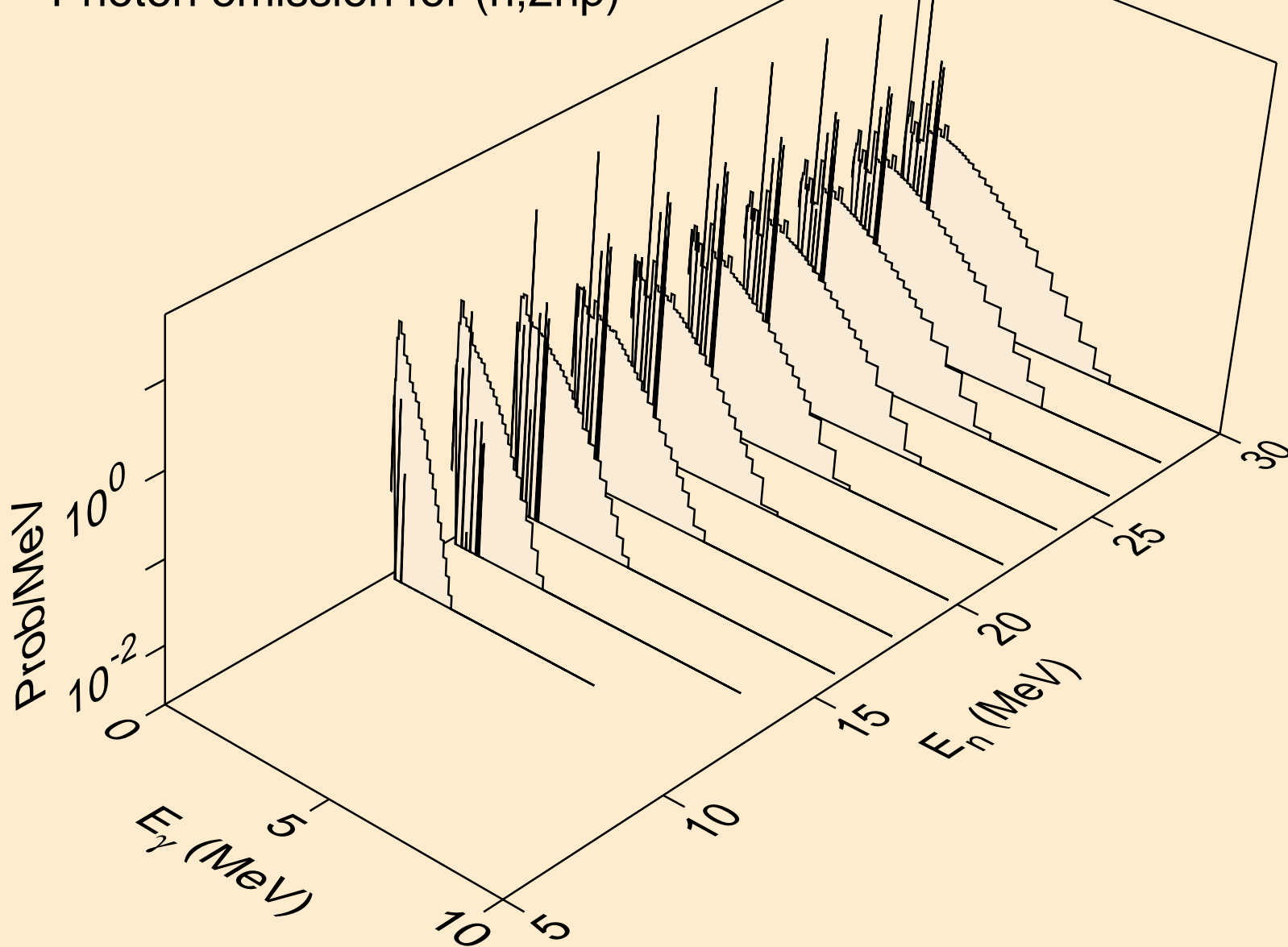
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



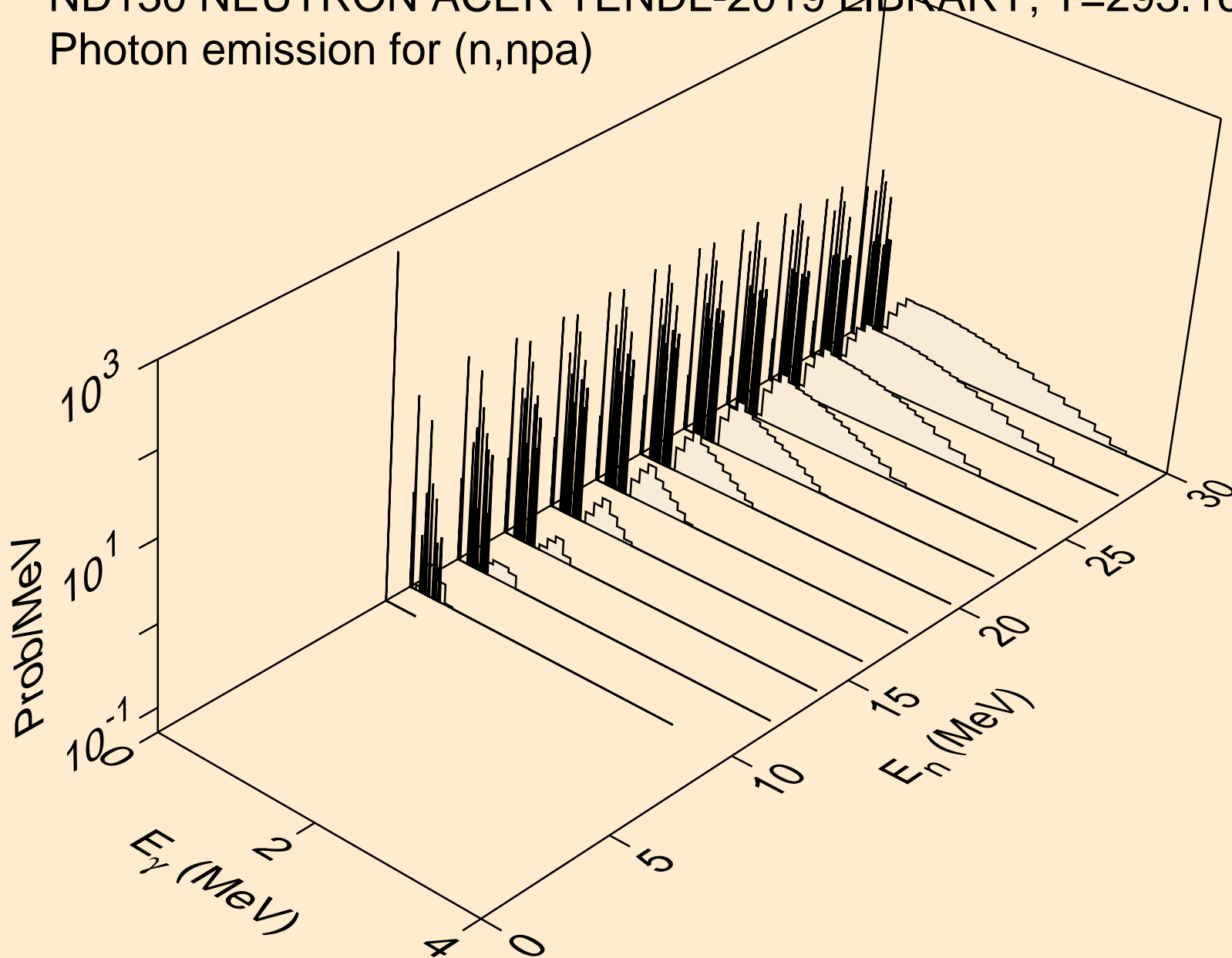
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



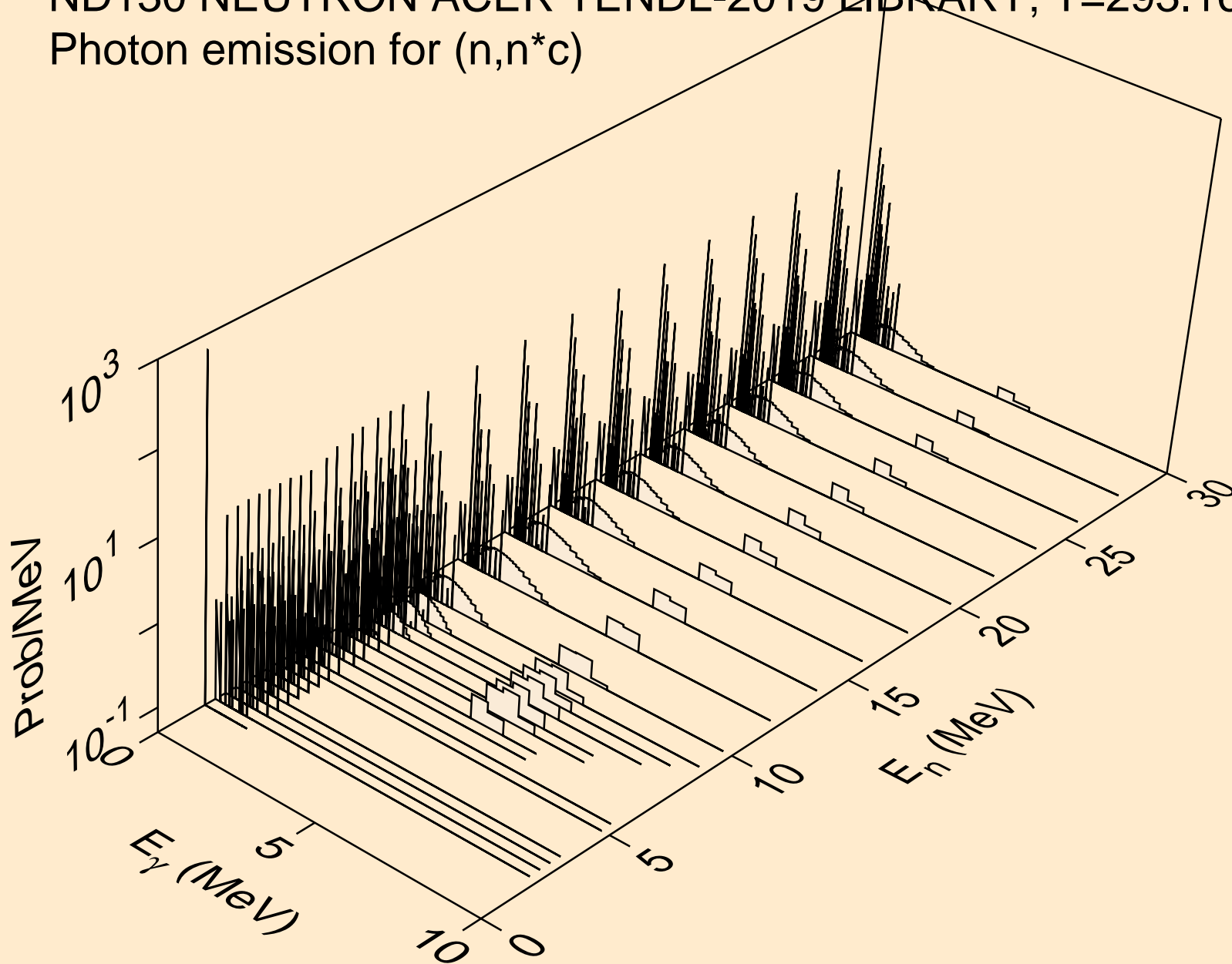
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



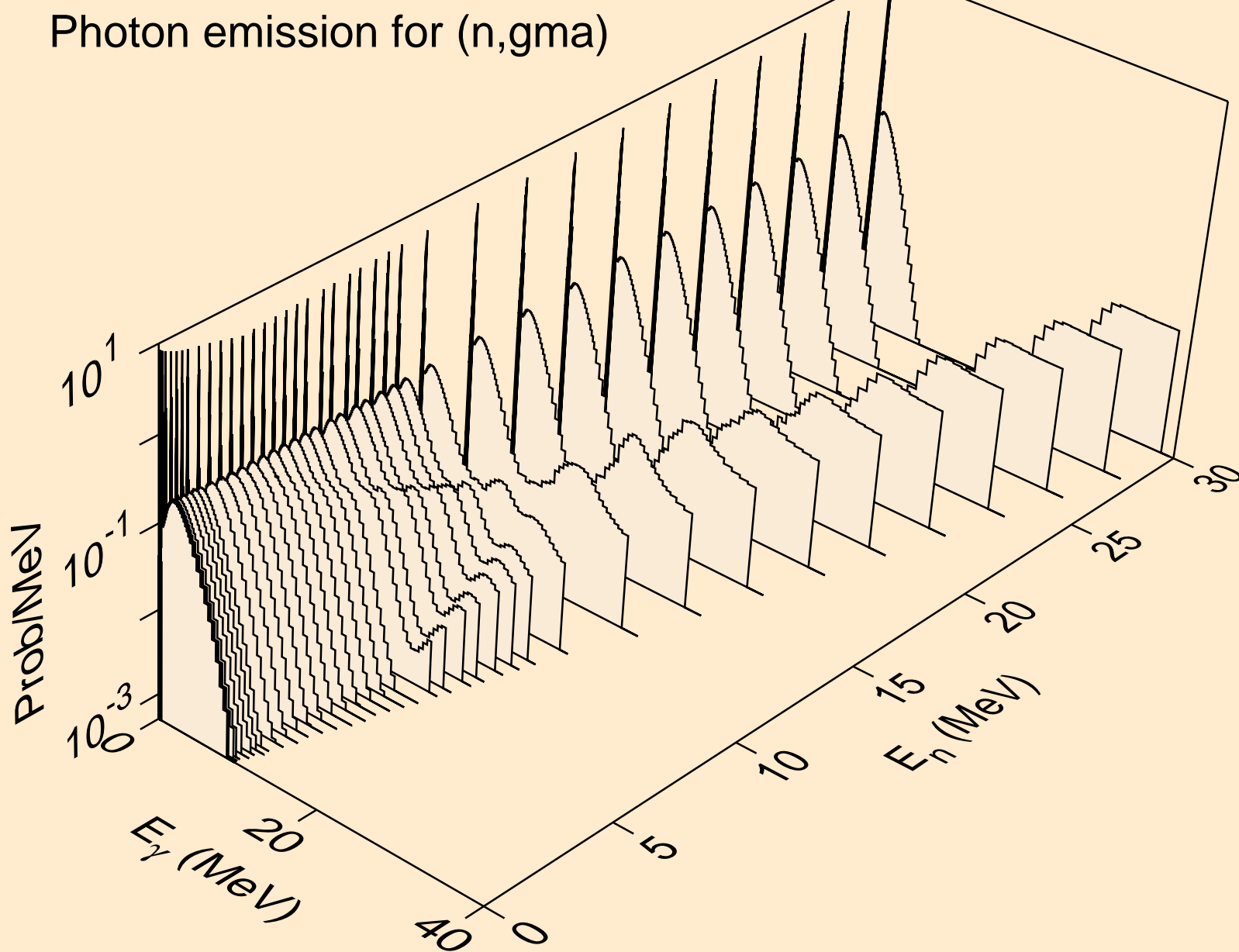
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)



ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)

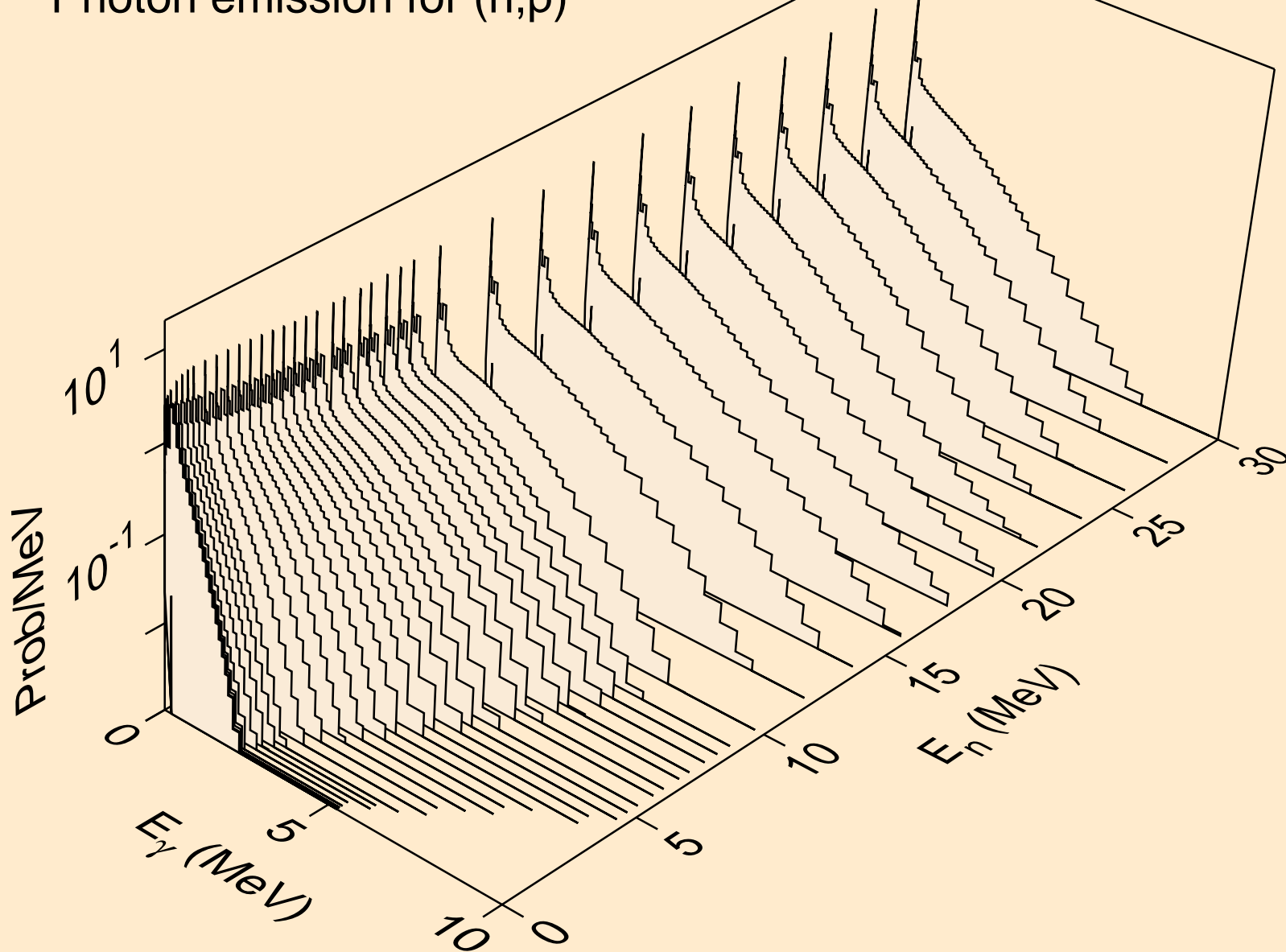


ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)

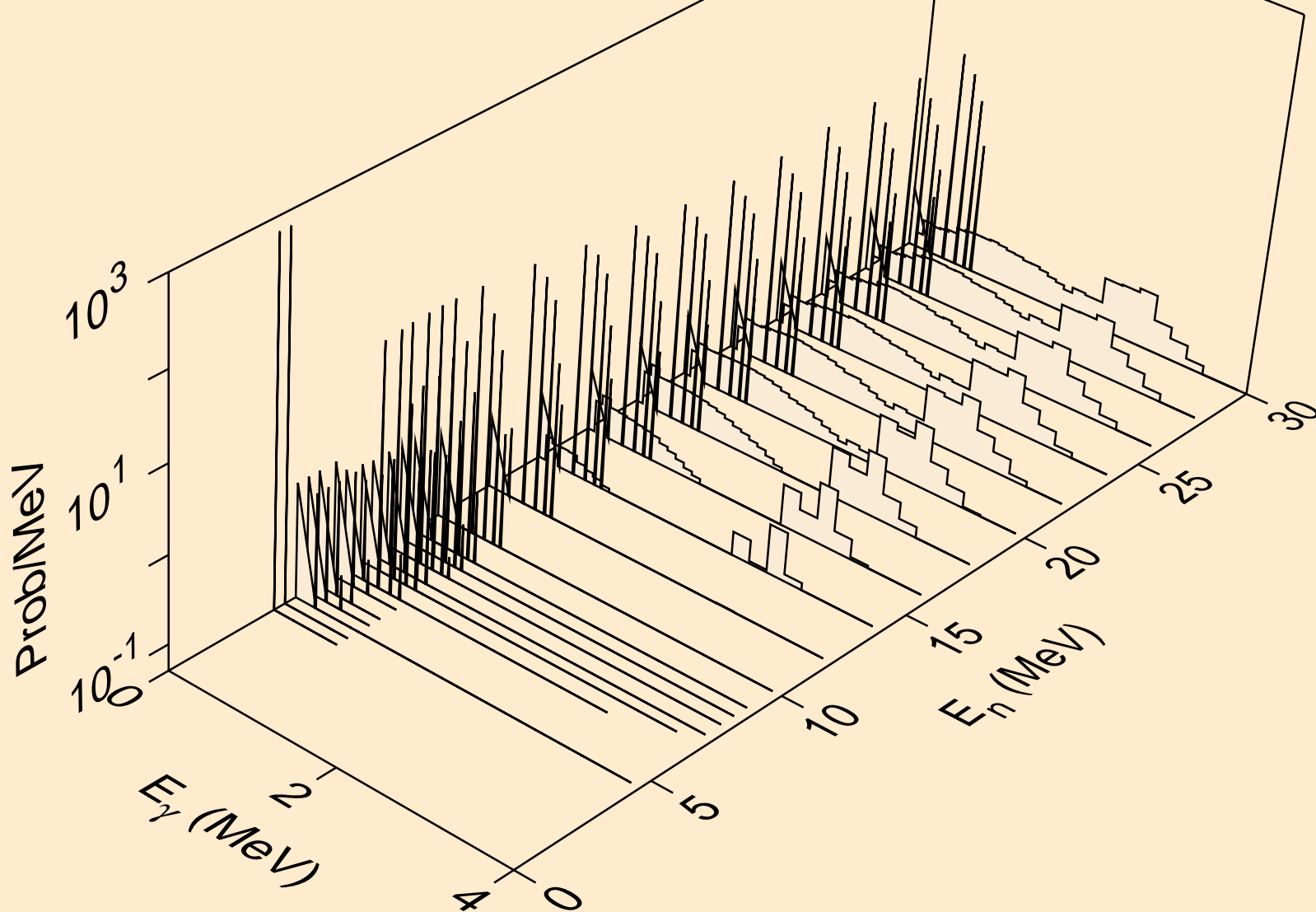




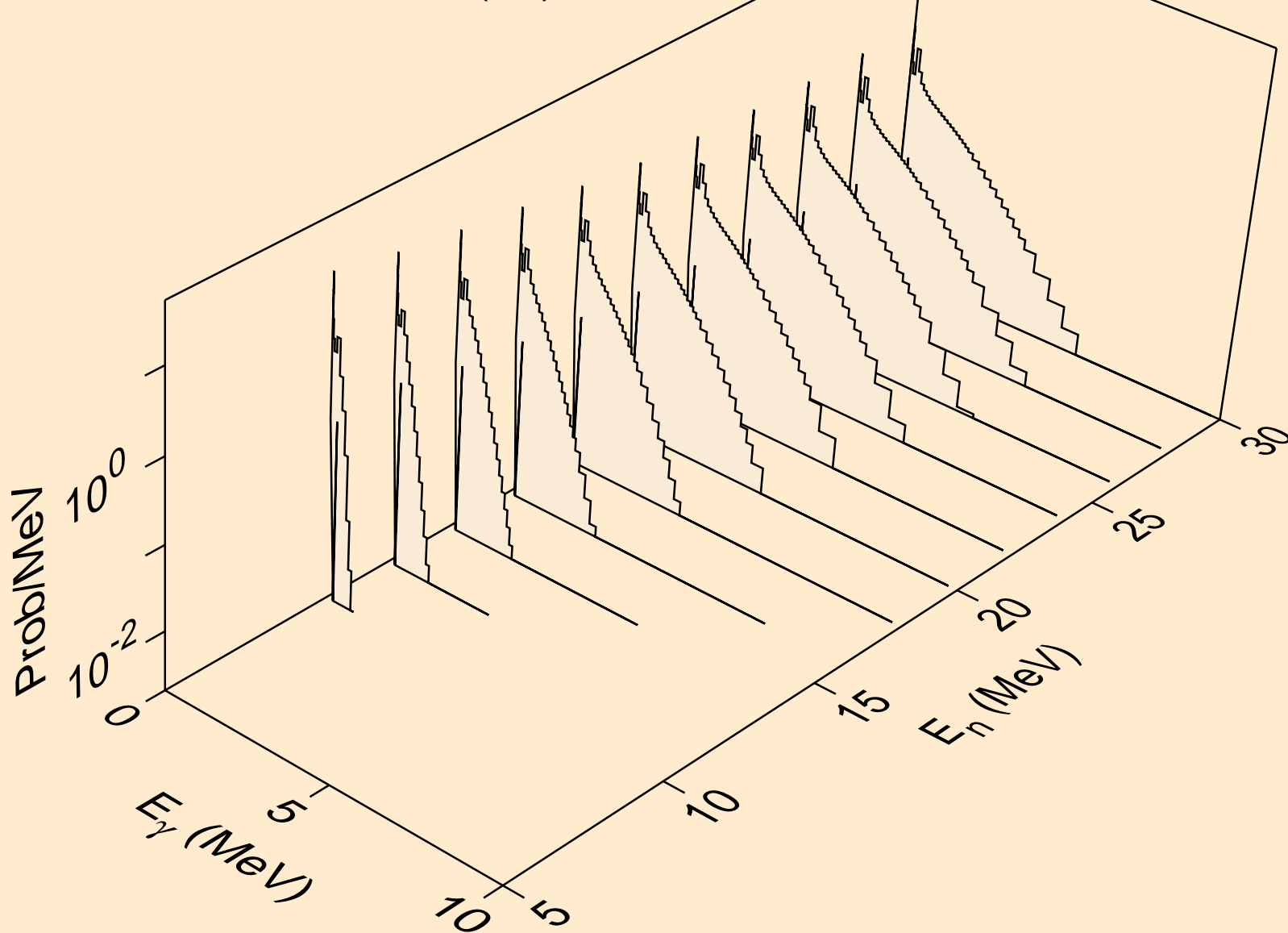
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



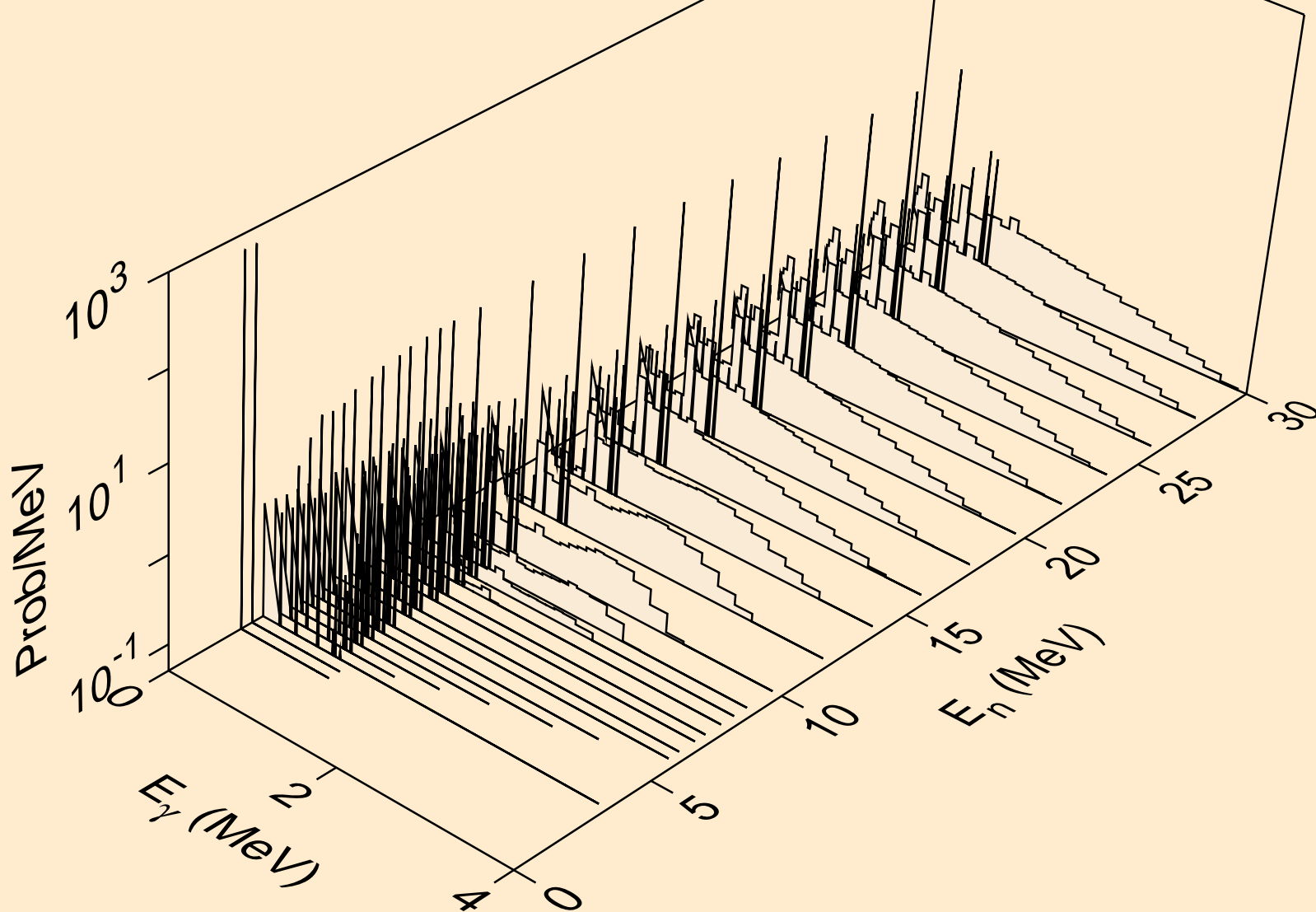
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



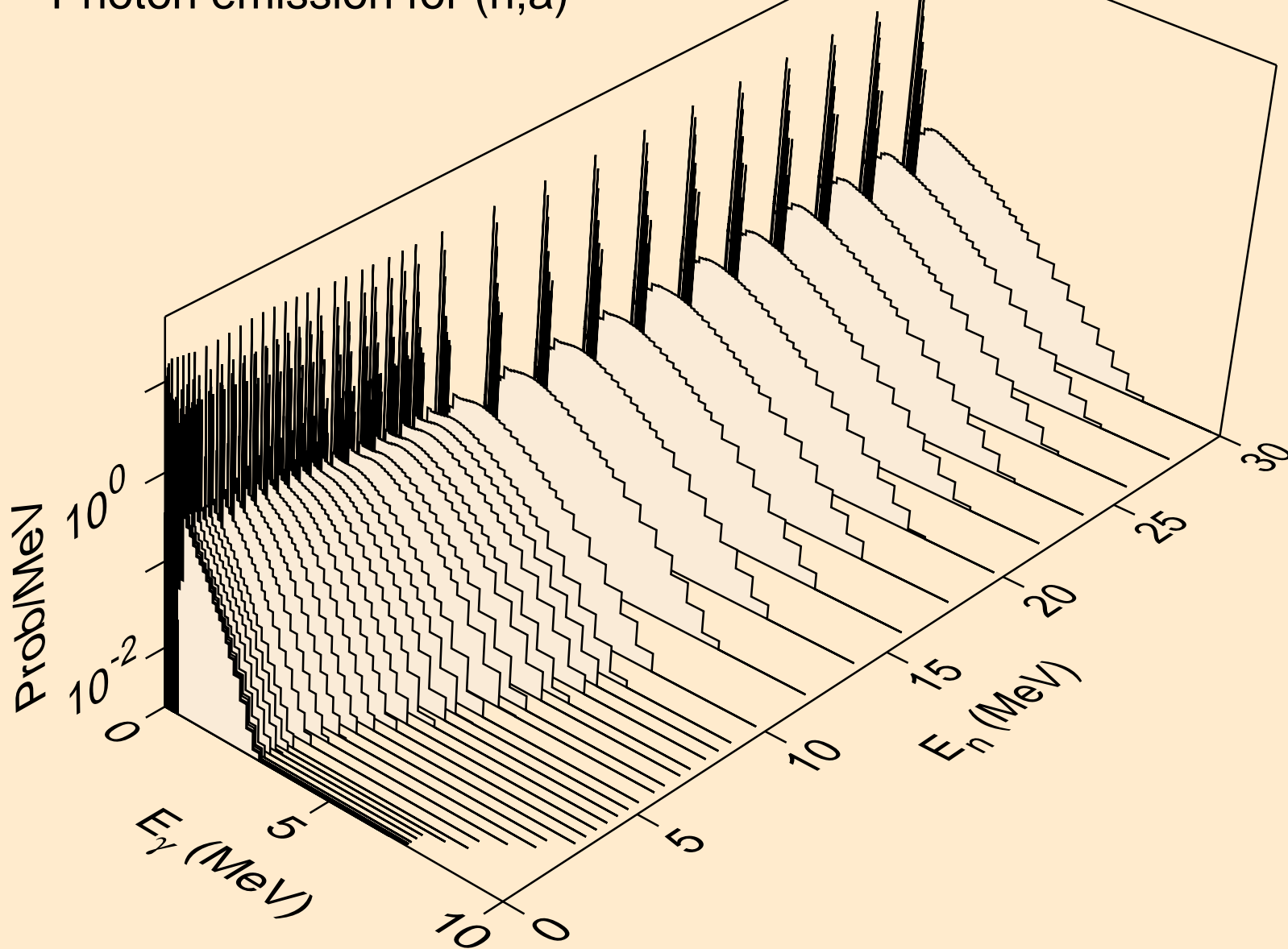
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



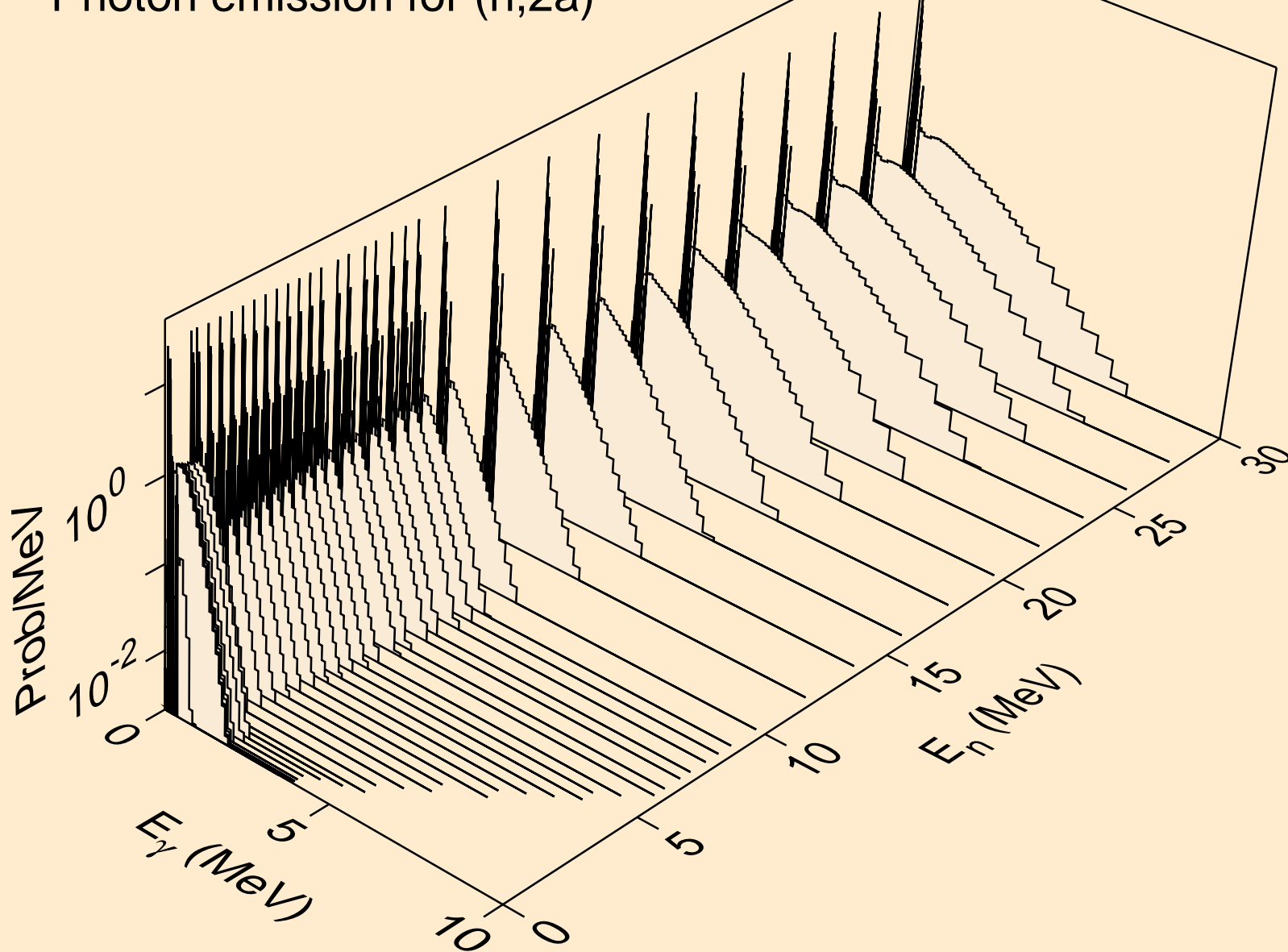
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



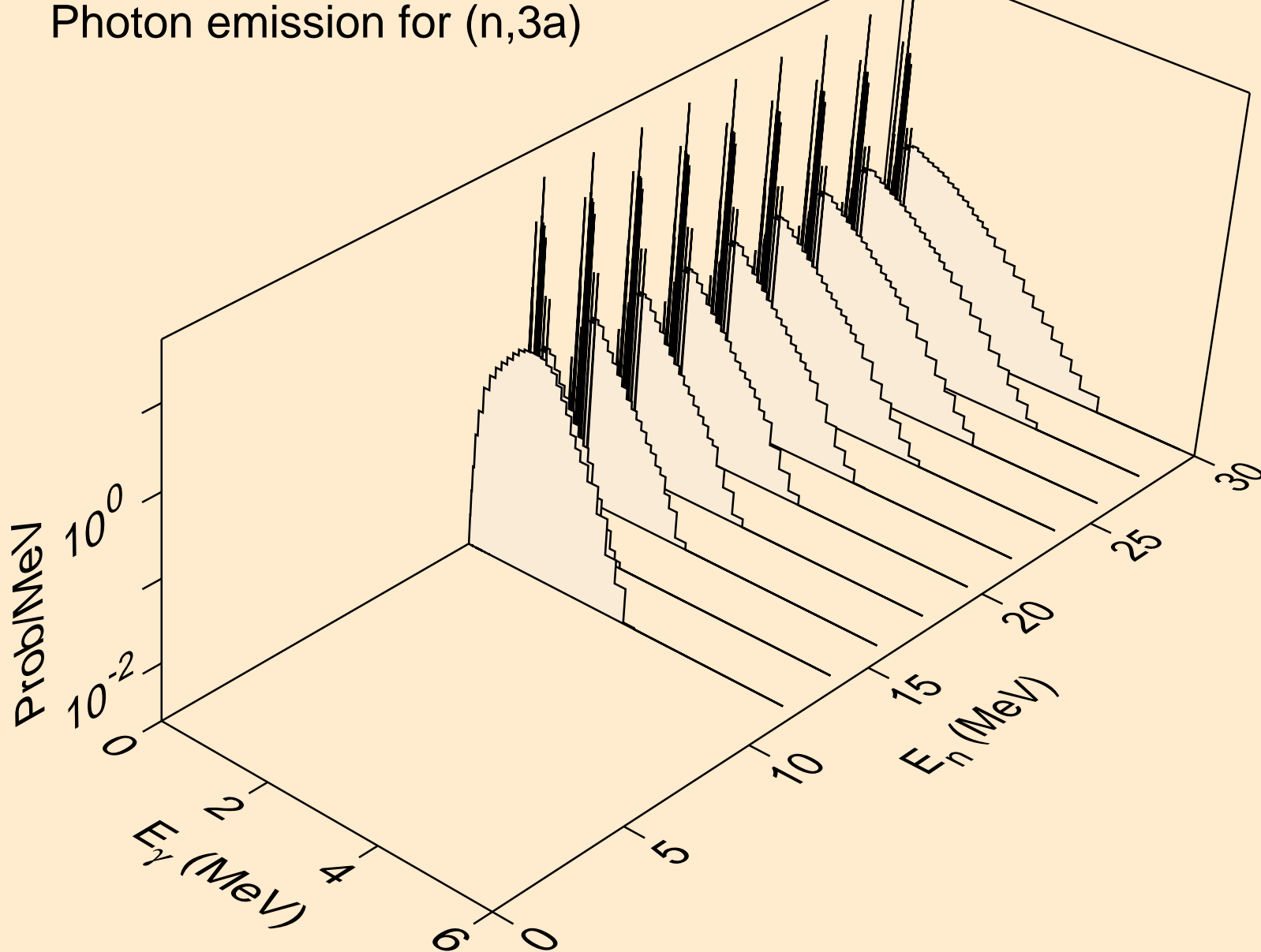
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



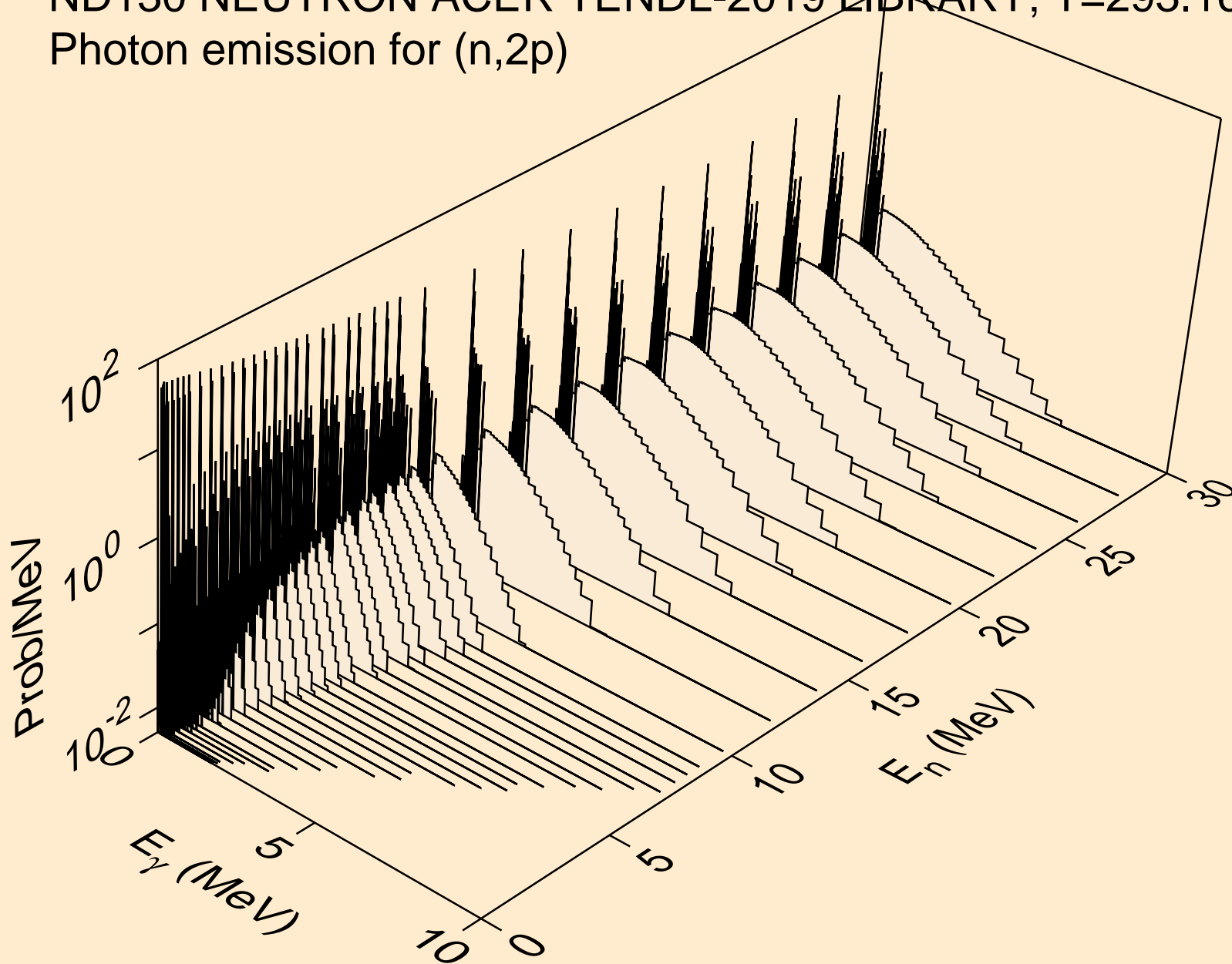
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2a)



ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3a)

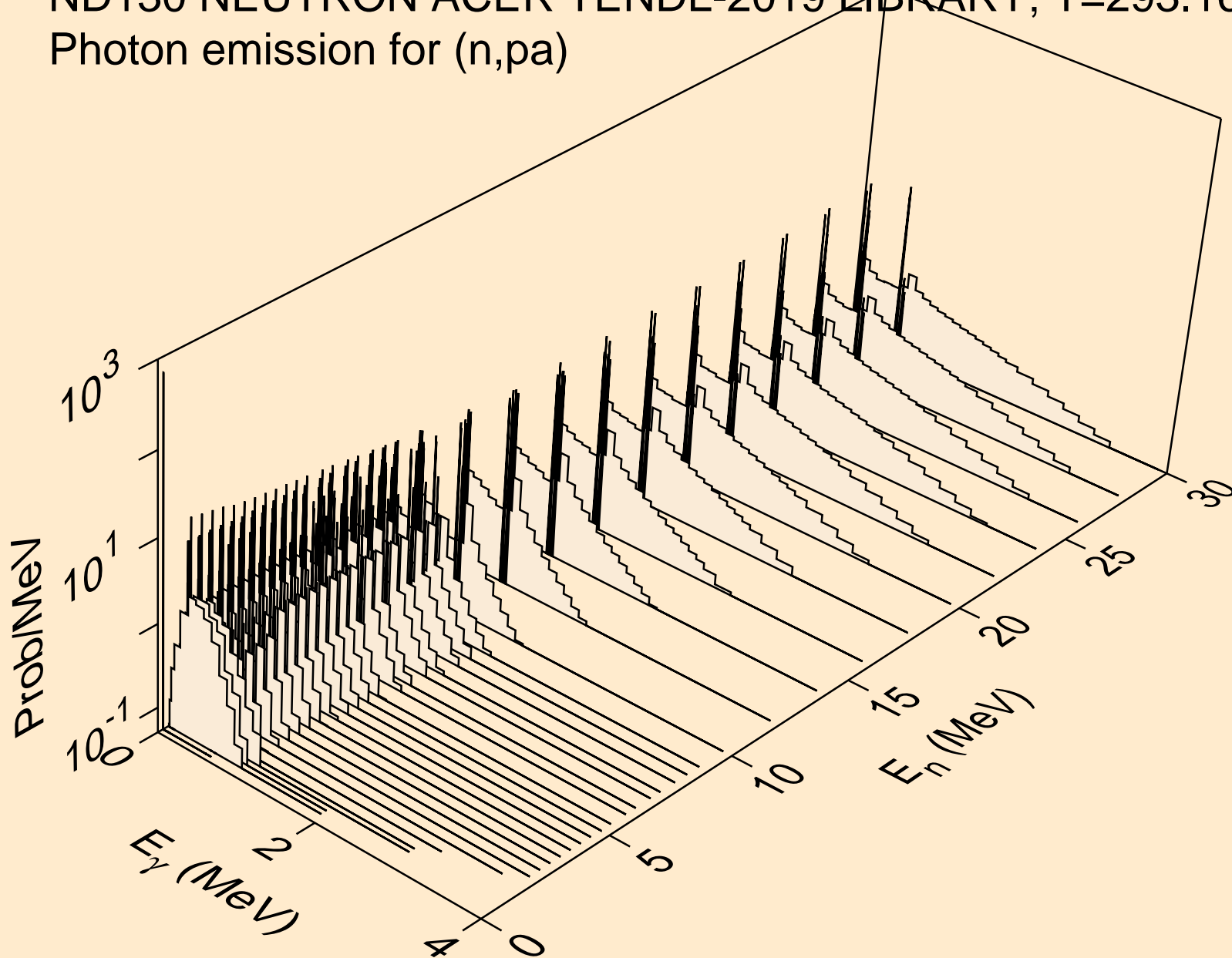


ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)

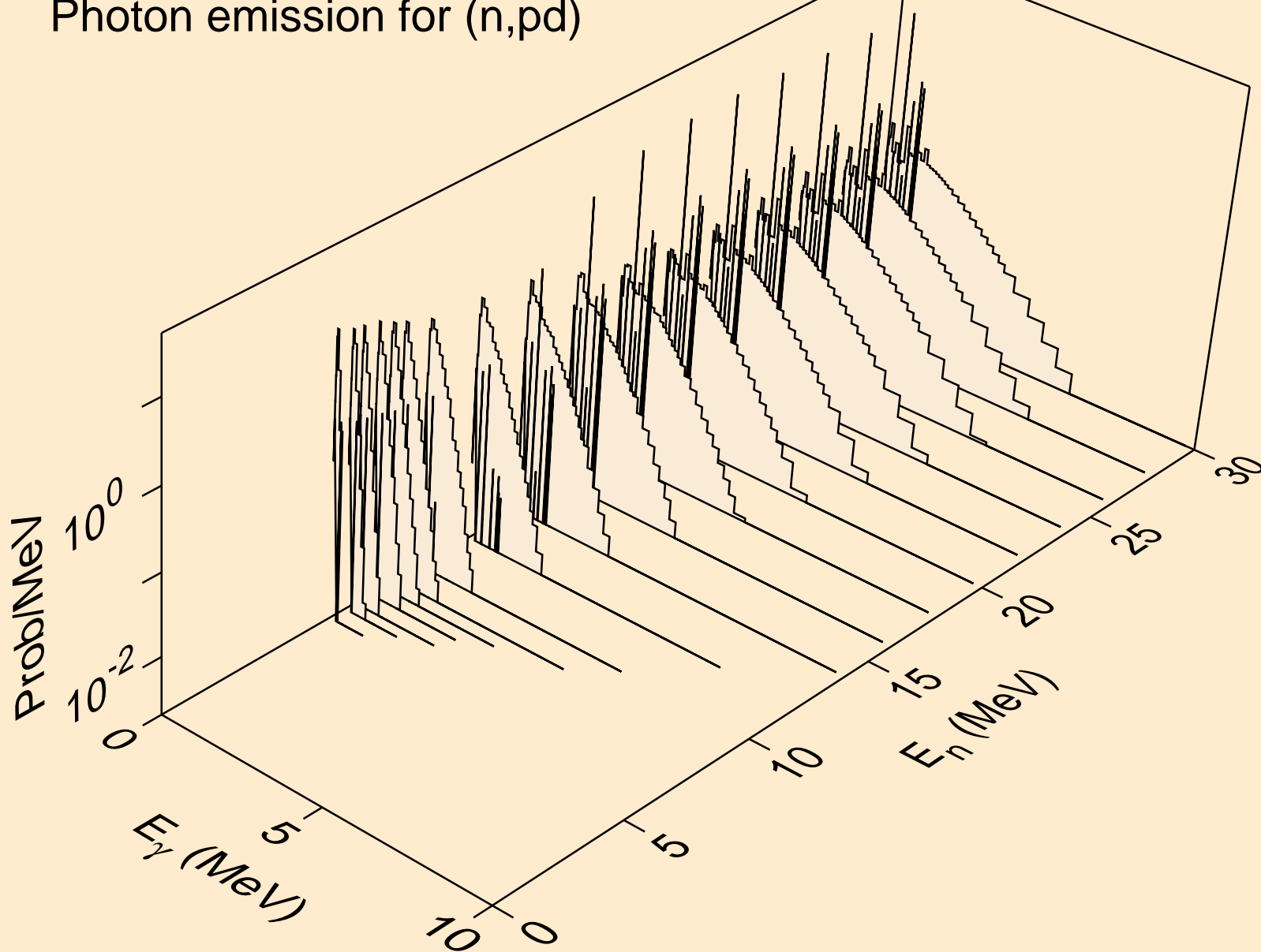




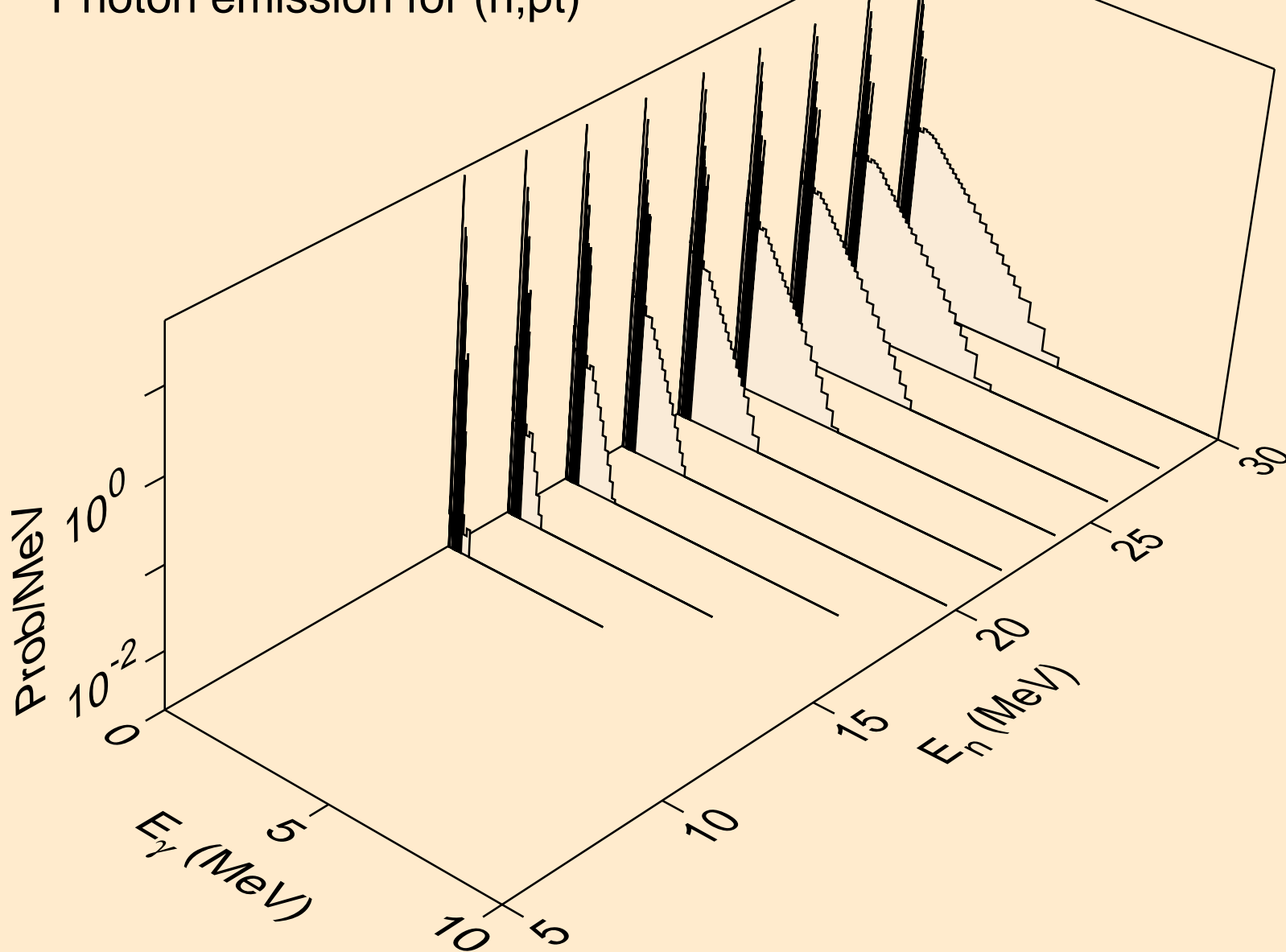
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



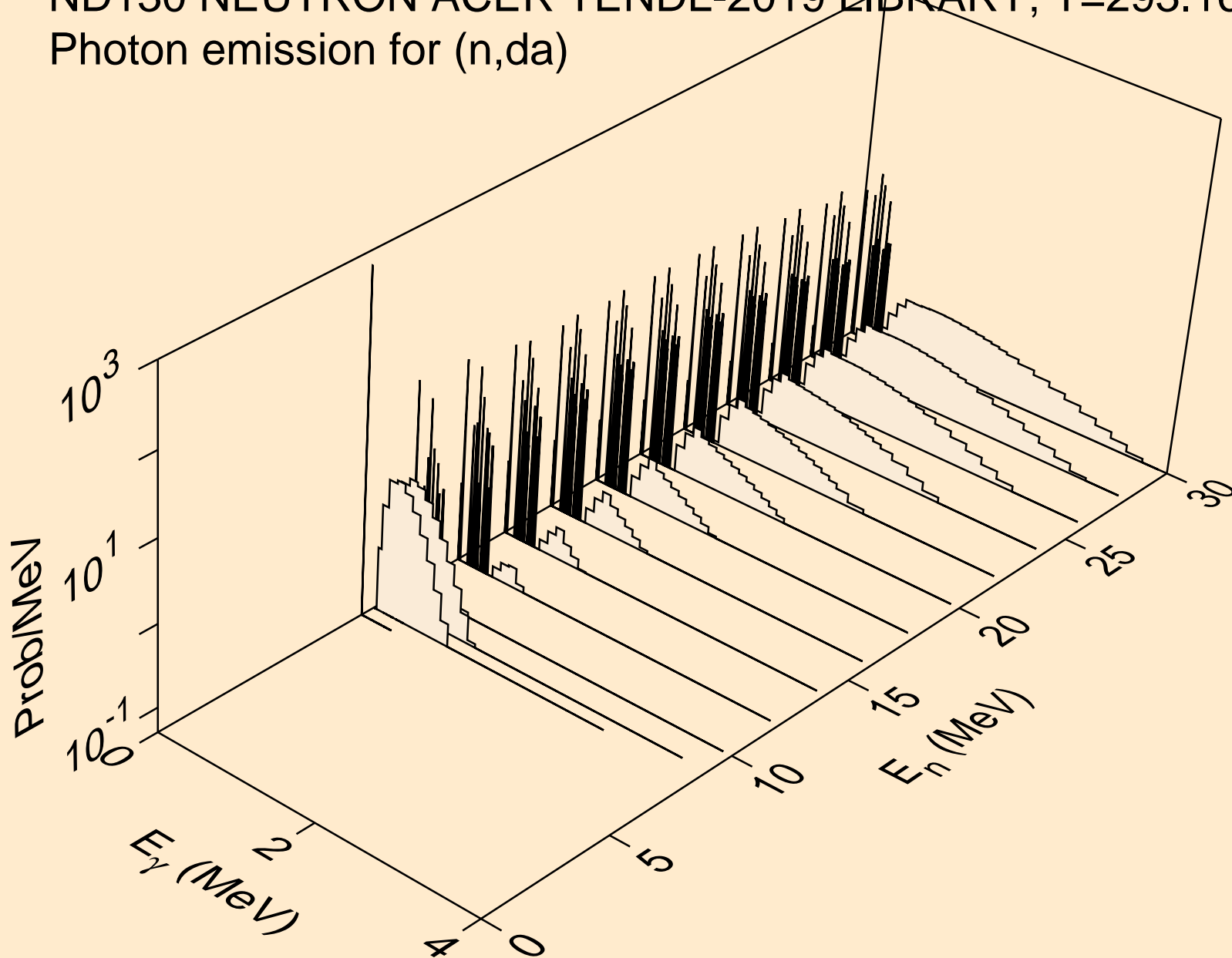
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pd)



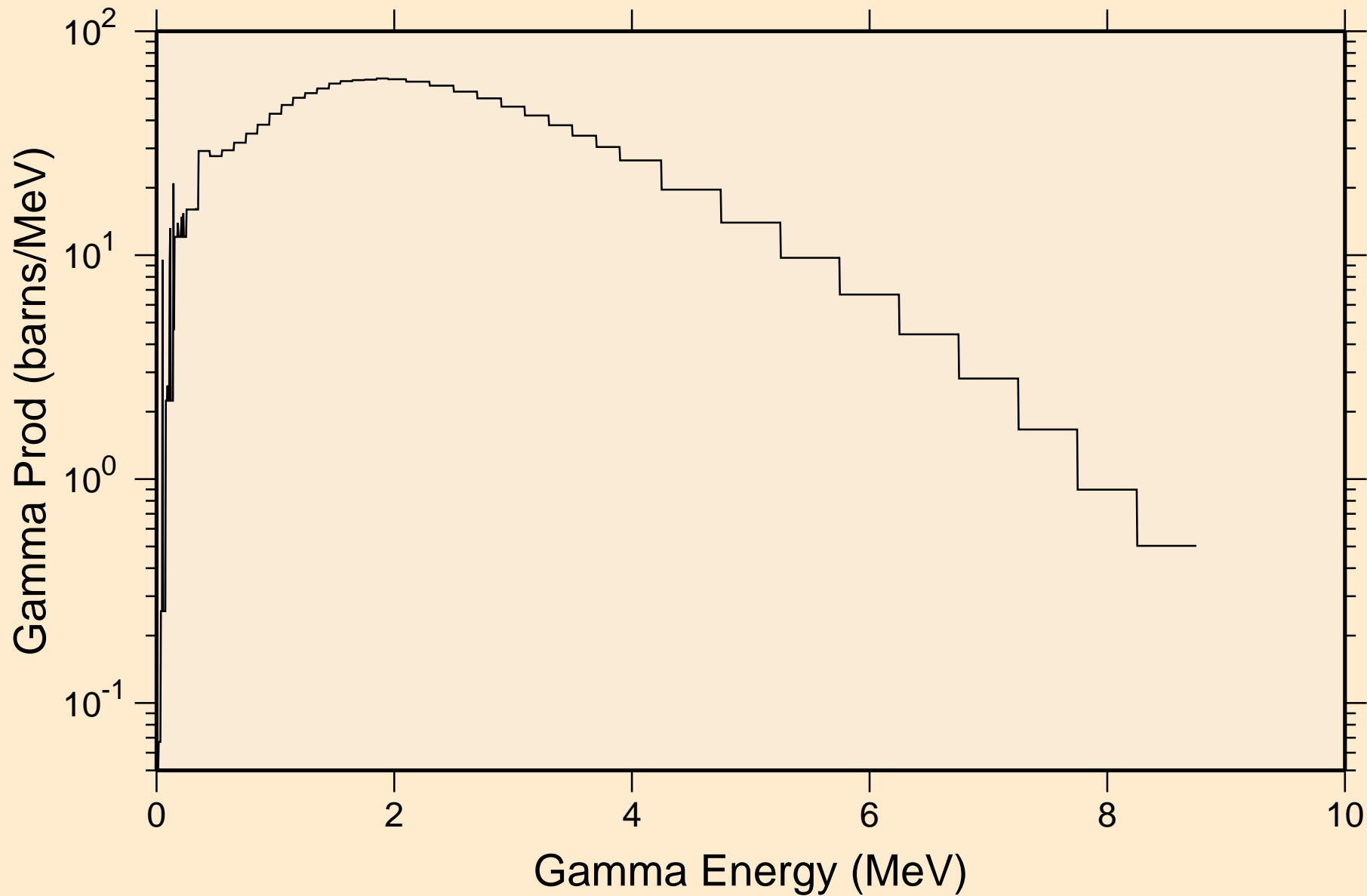
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pt)



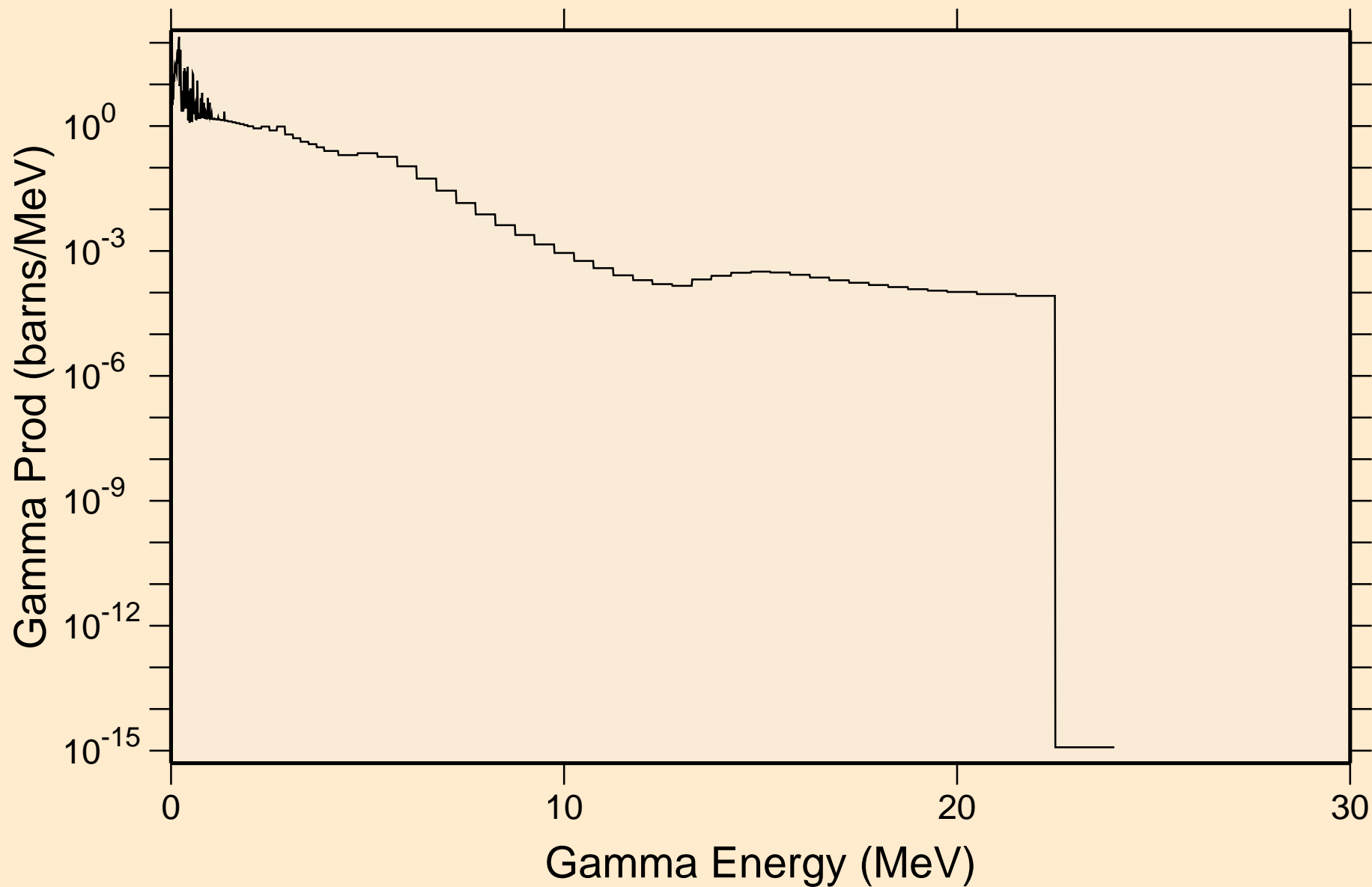
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)



ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

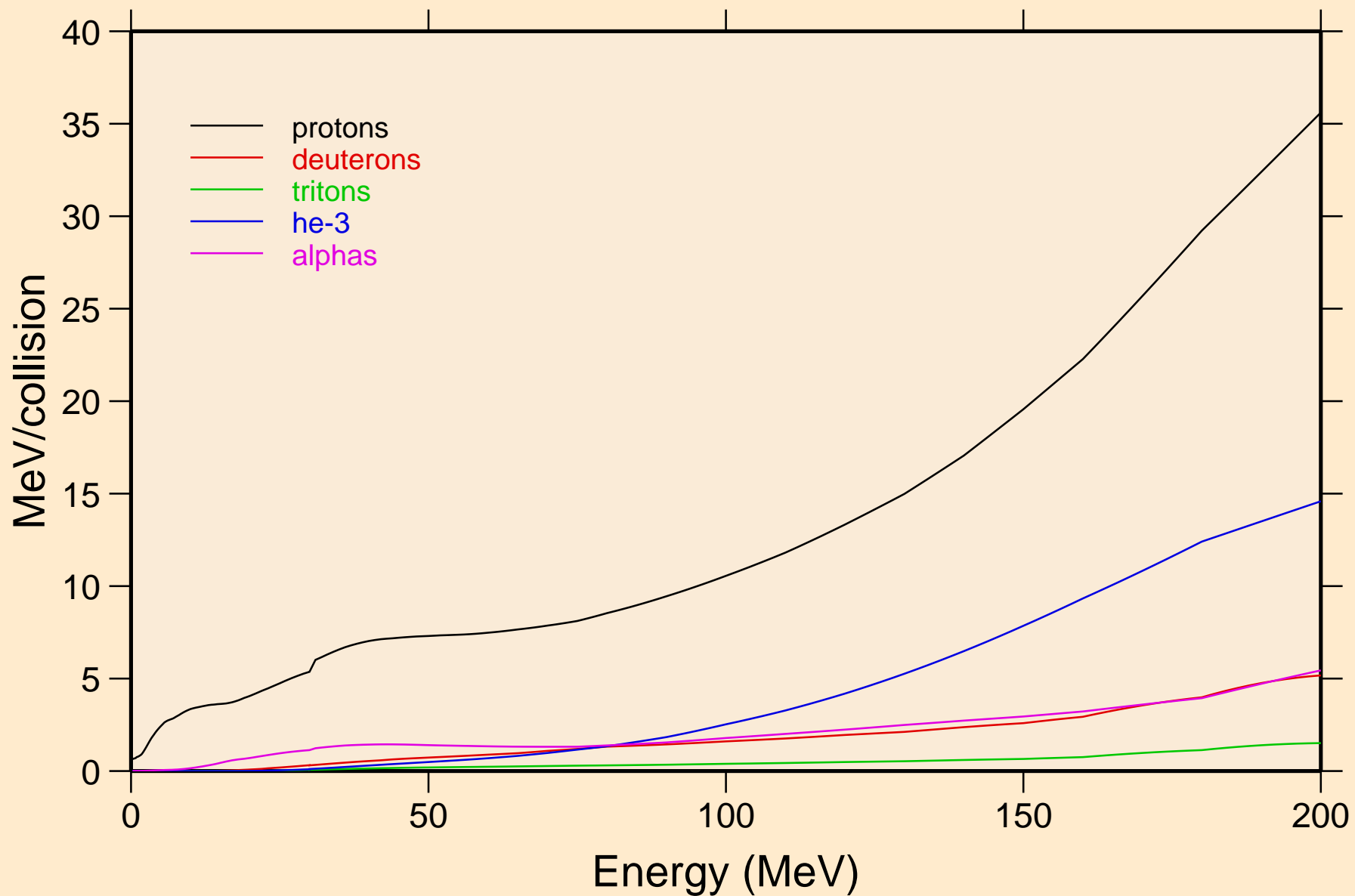


ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

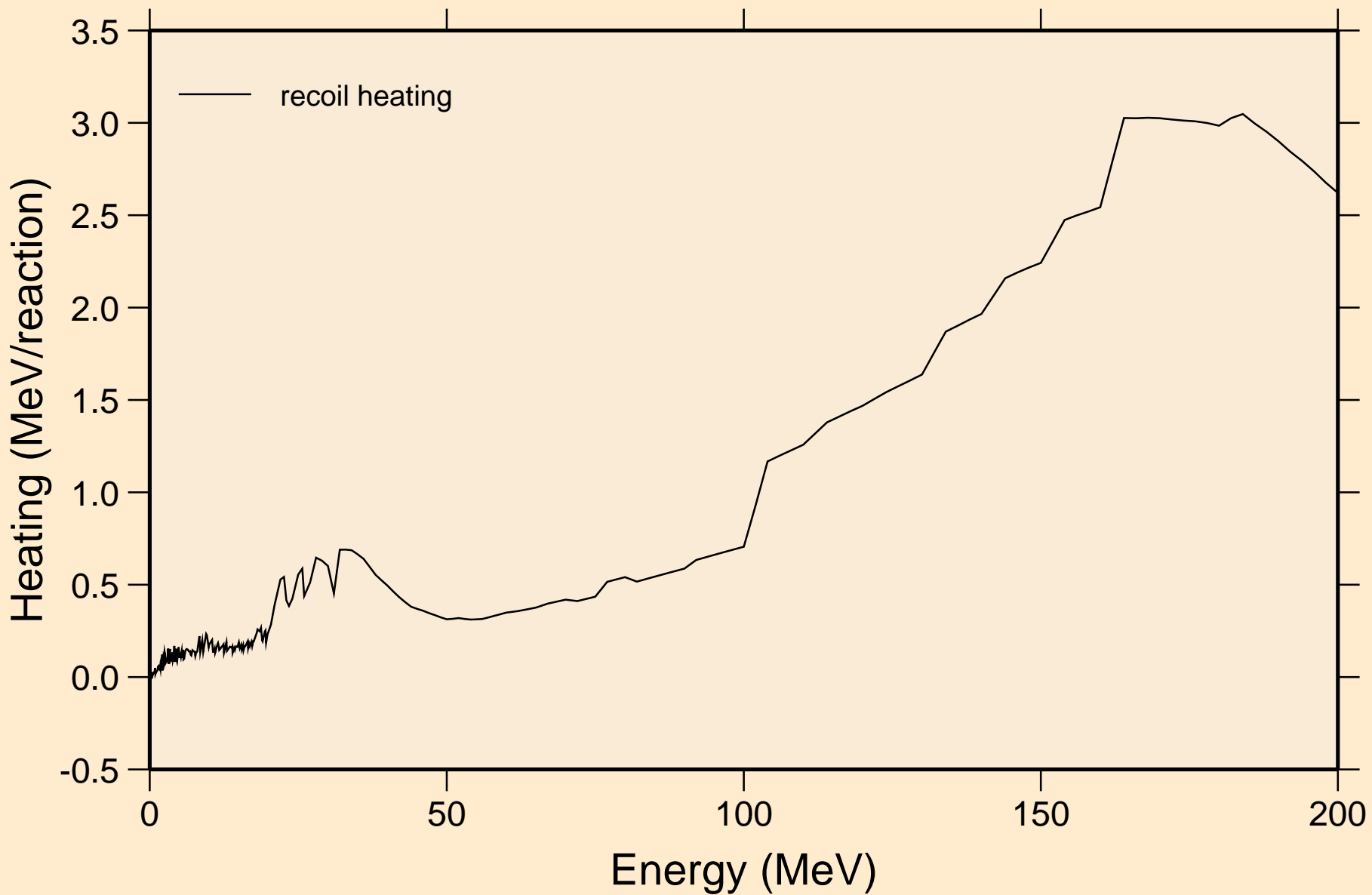


# ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Particle heating contributions

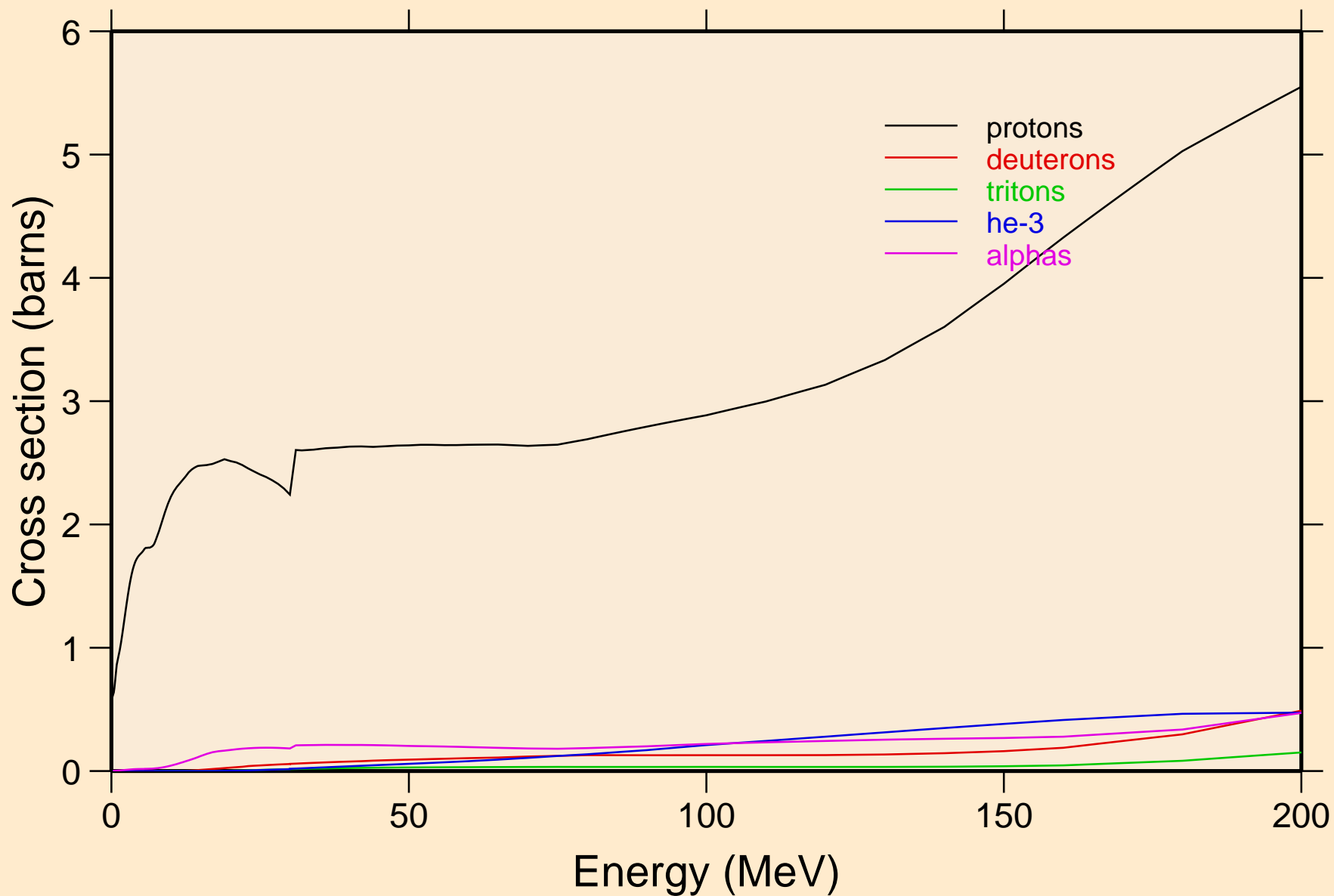


ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating

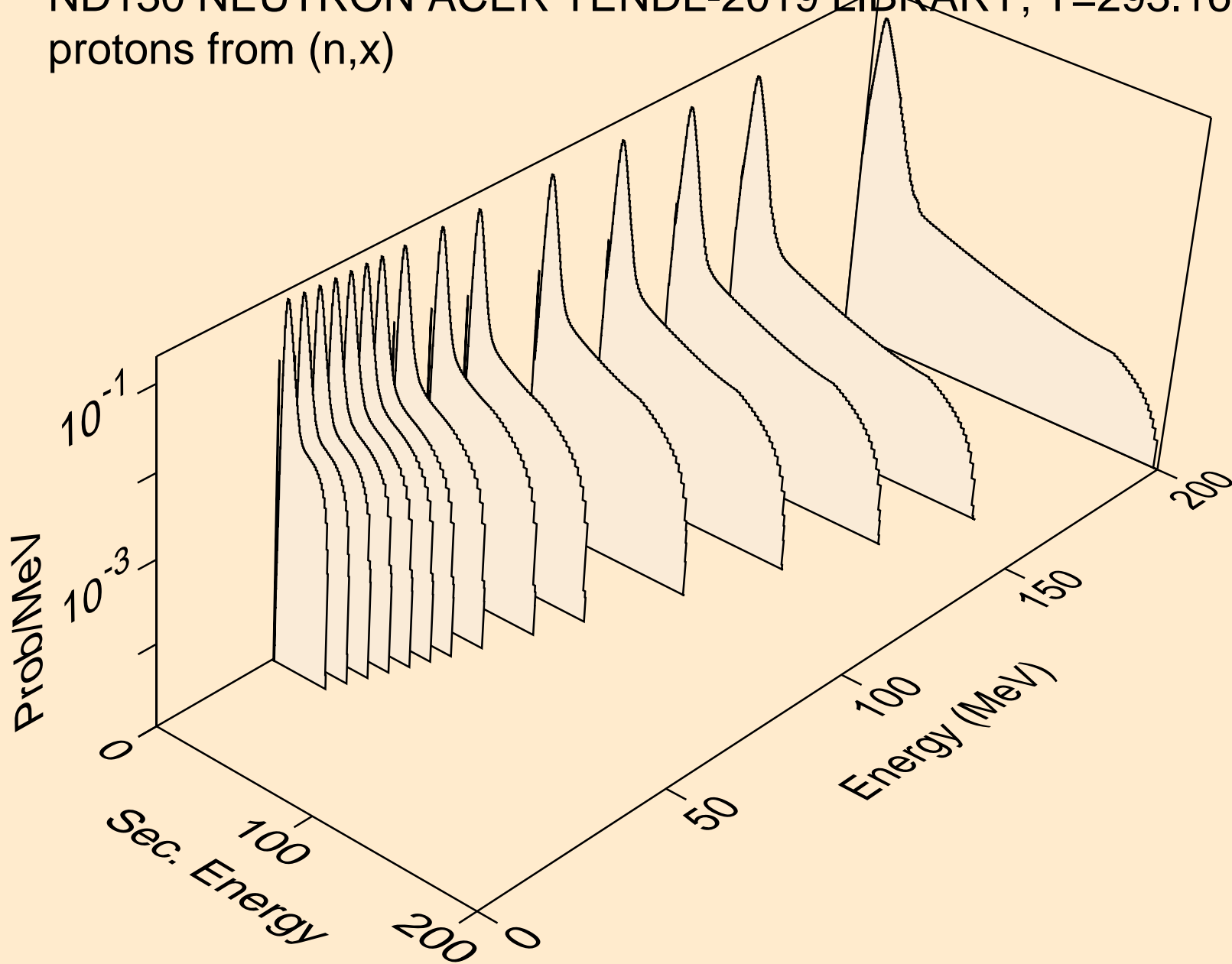




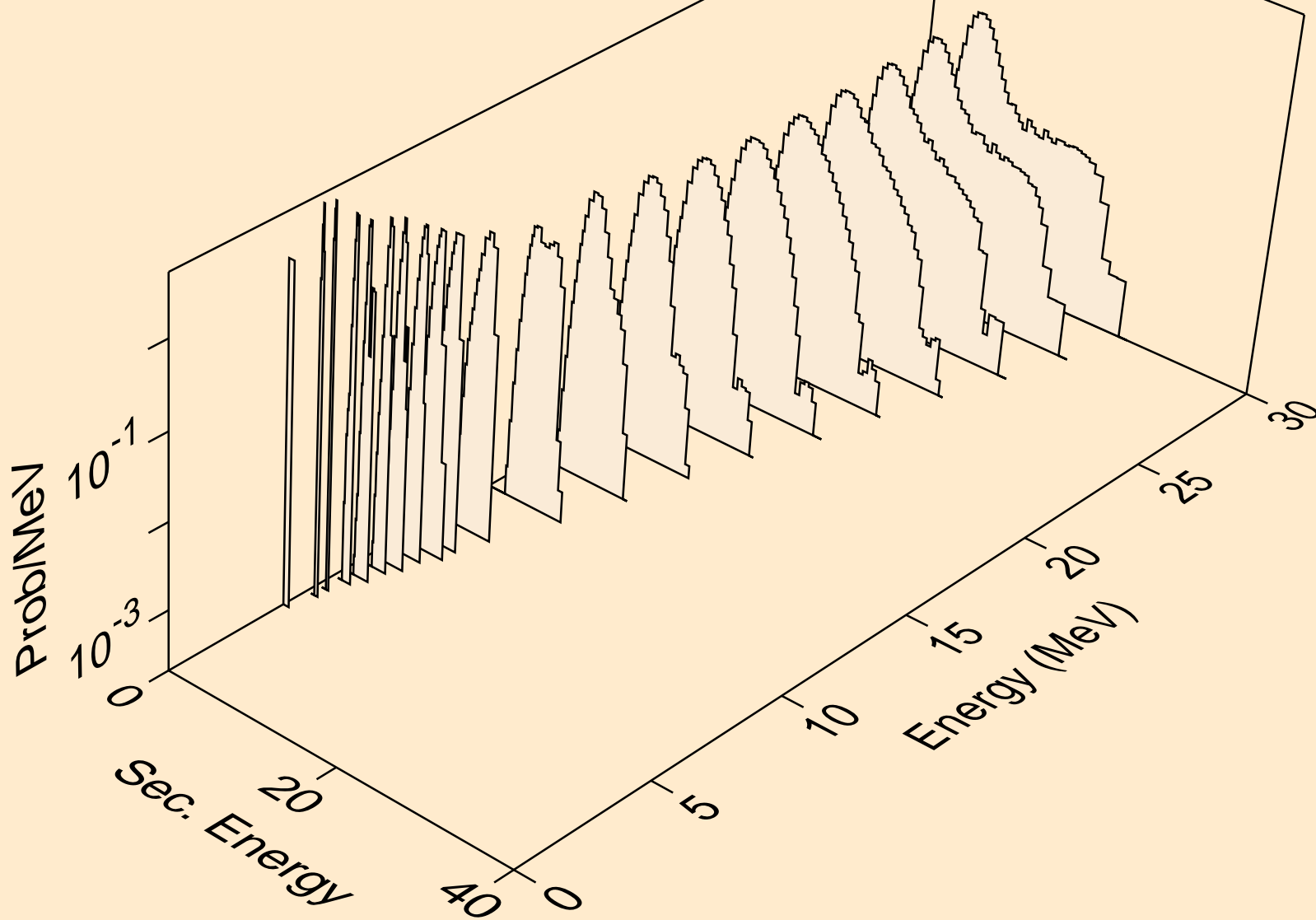
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



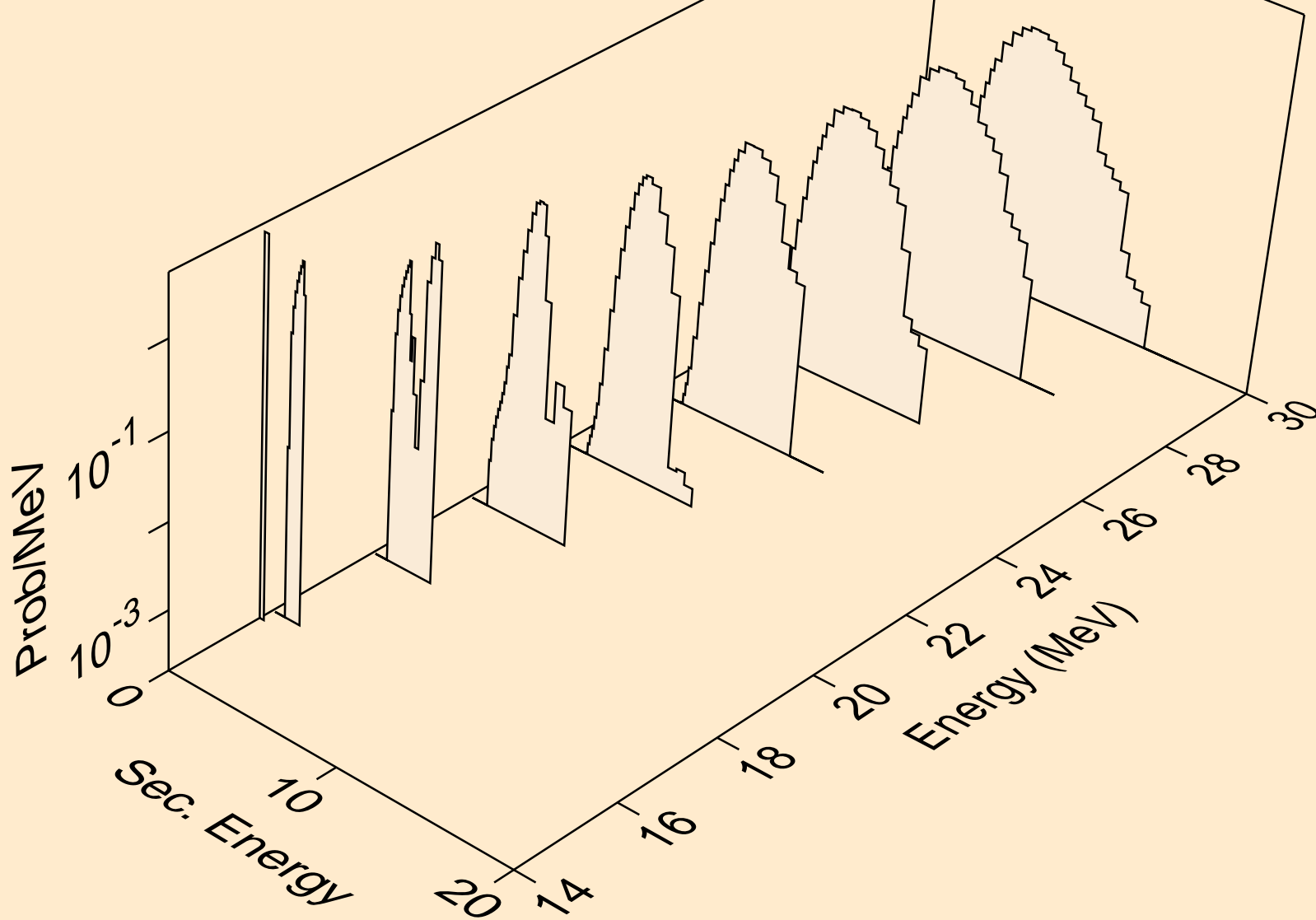
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



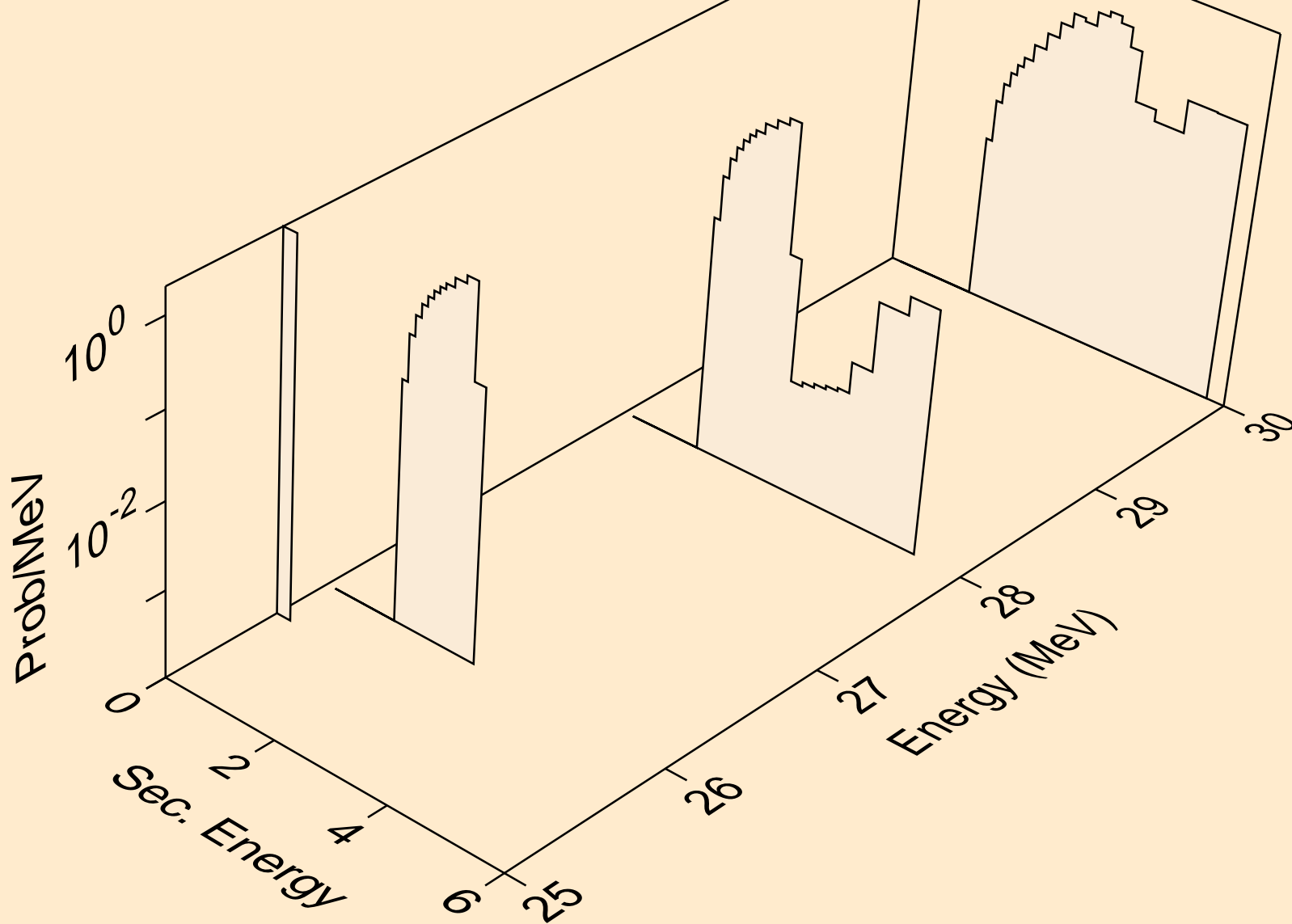
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



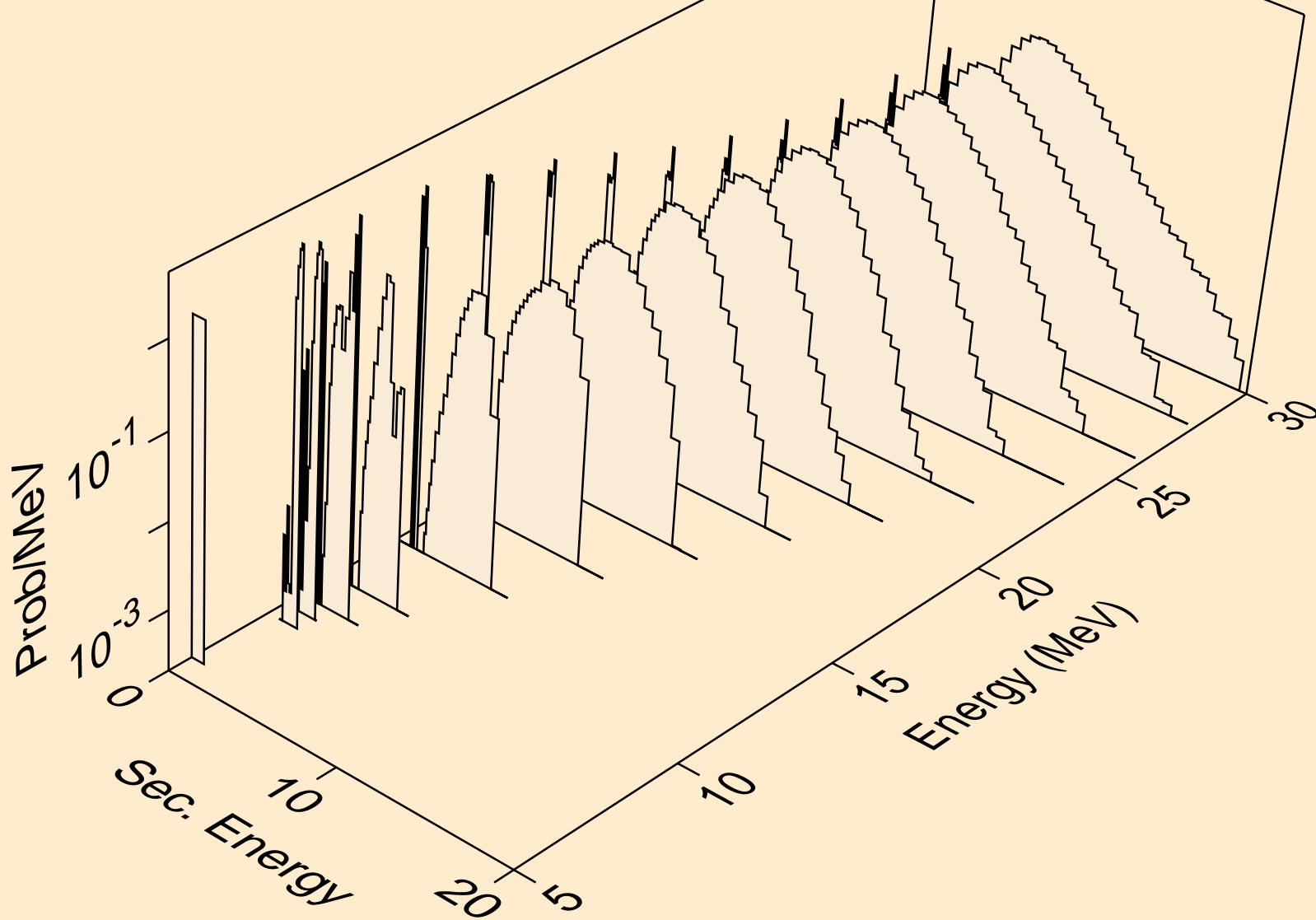
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



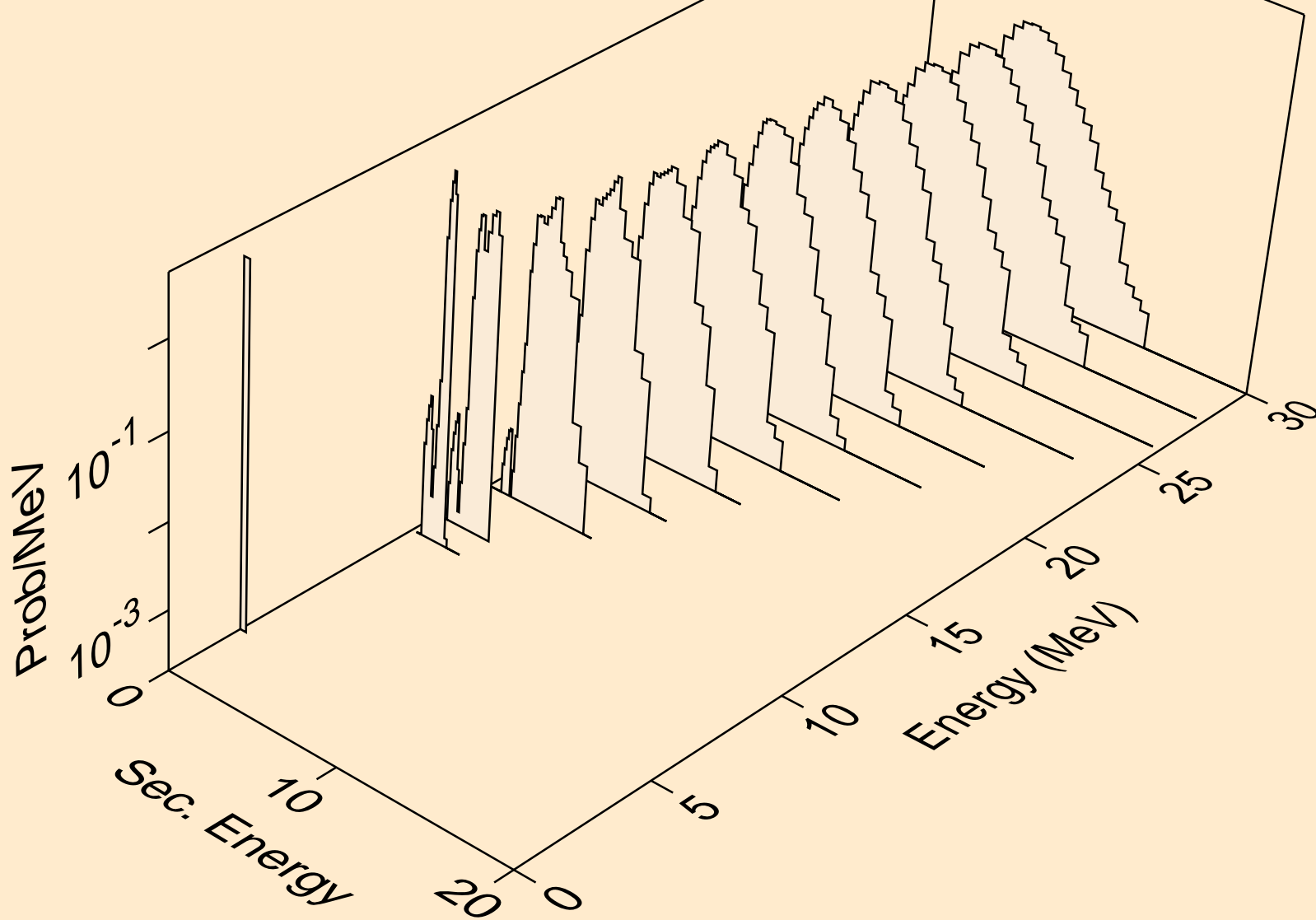
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



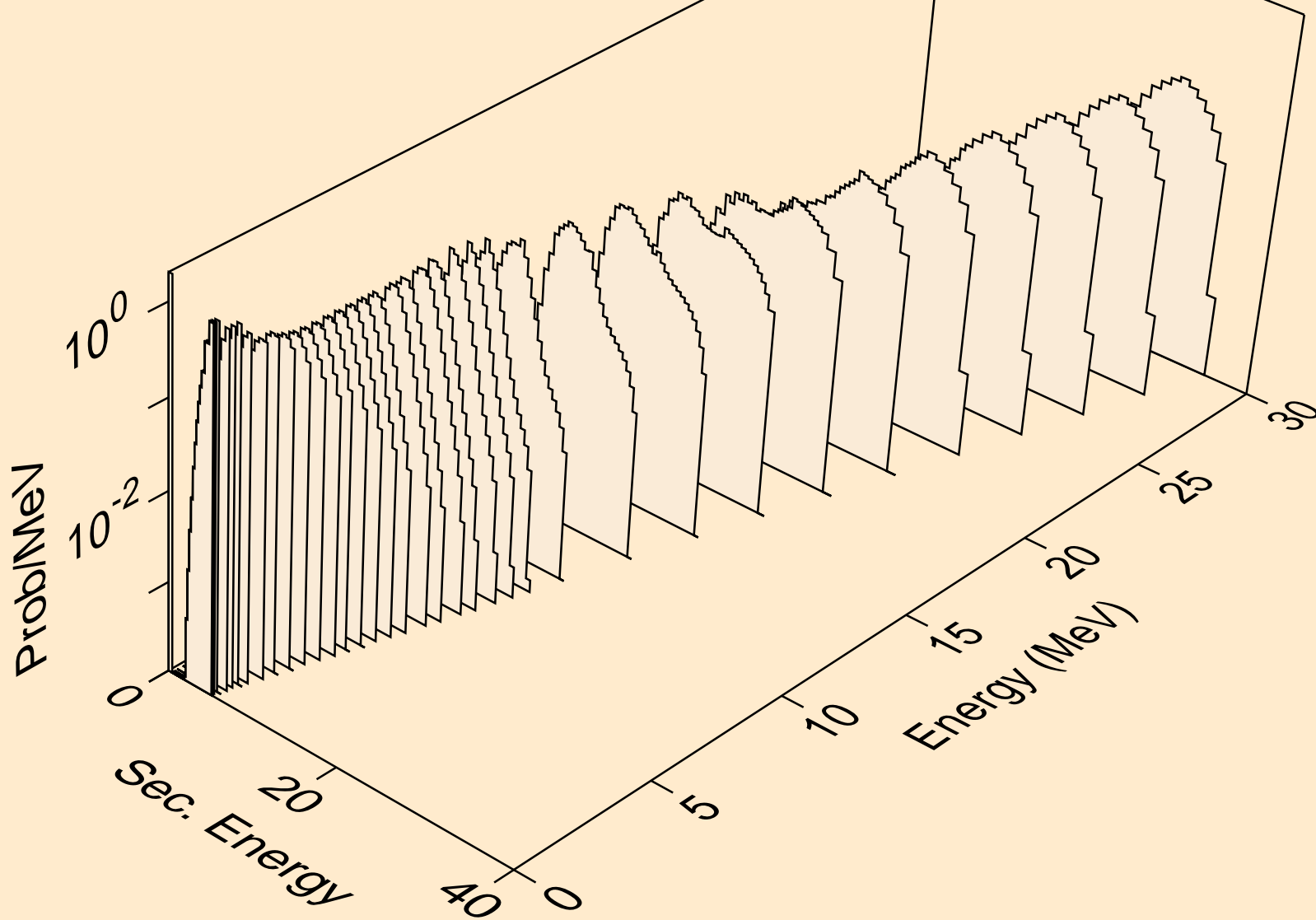
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,npa)

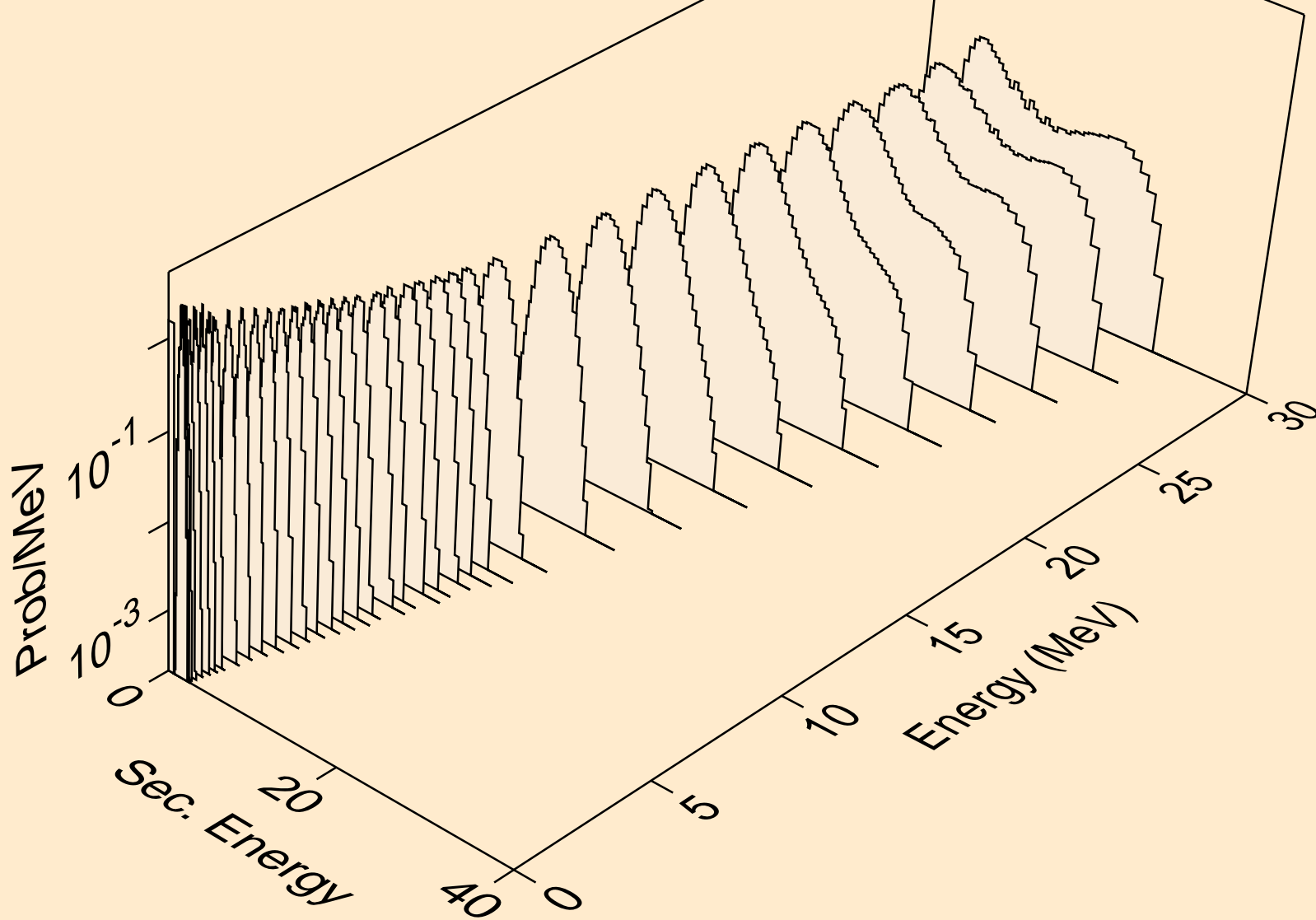


ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)

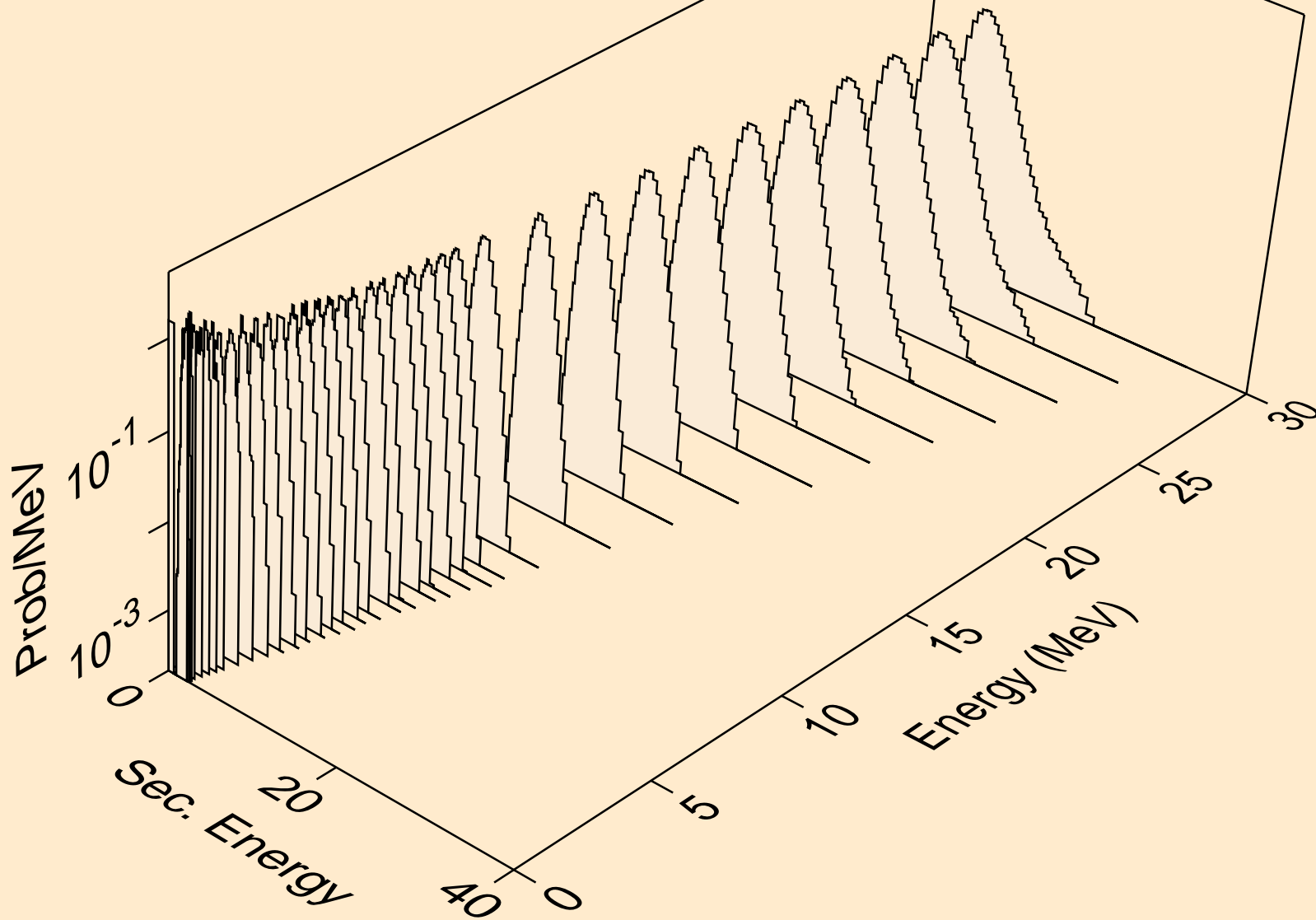




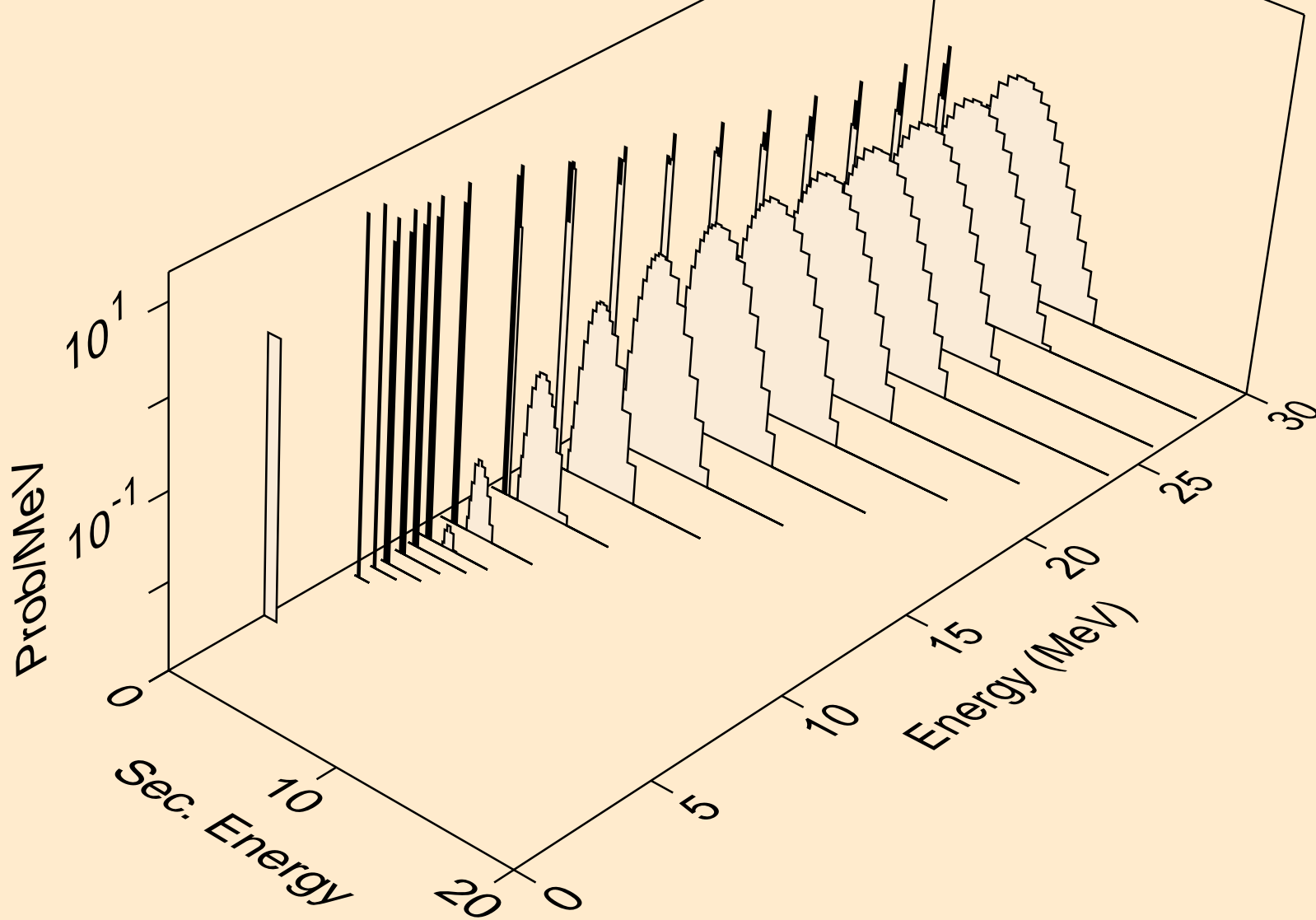
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)



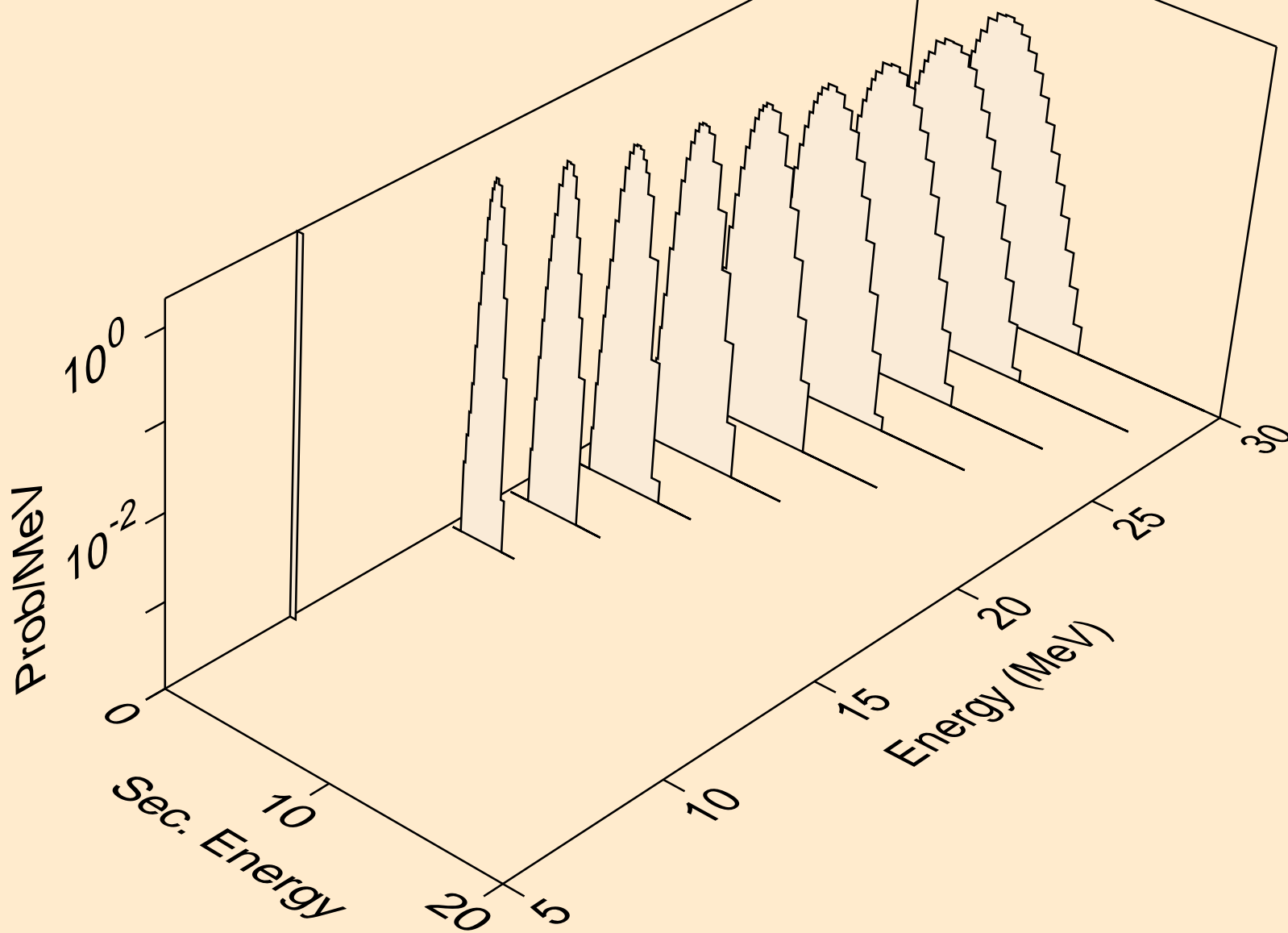
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



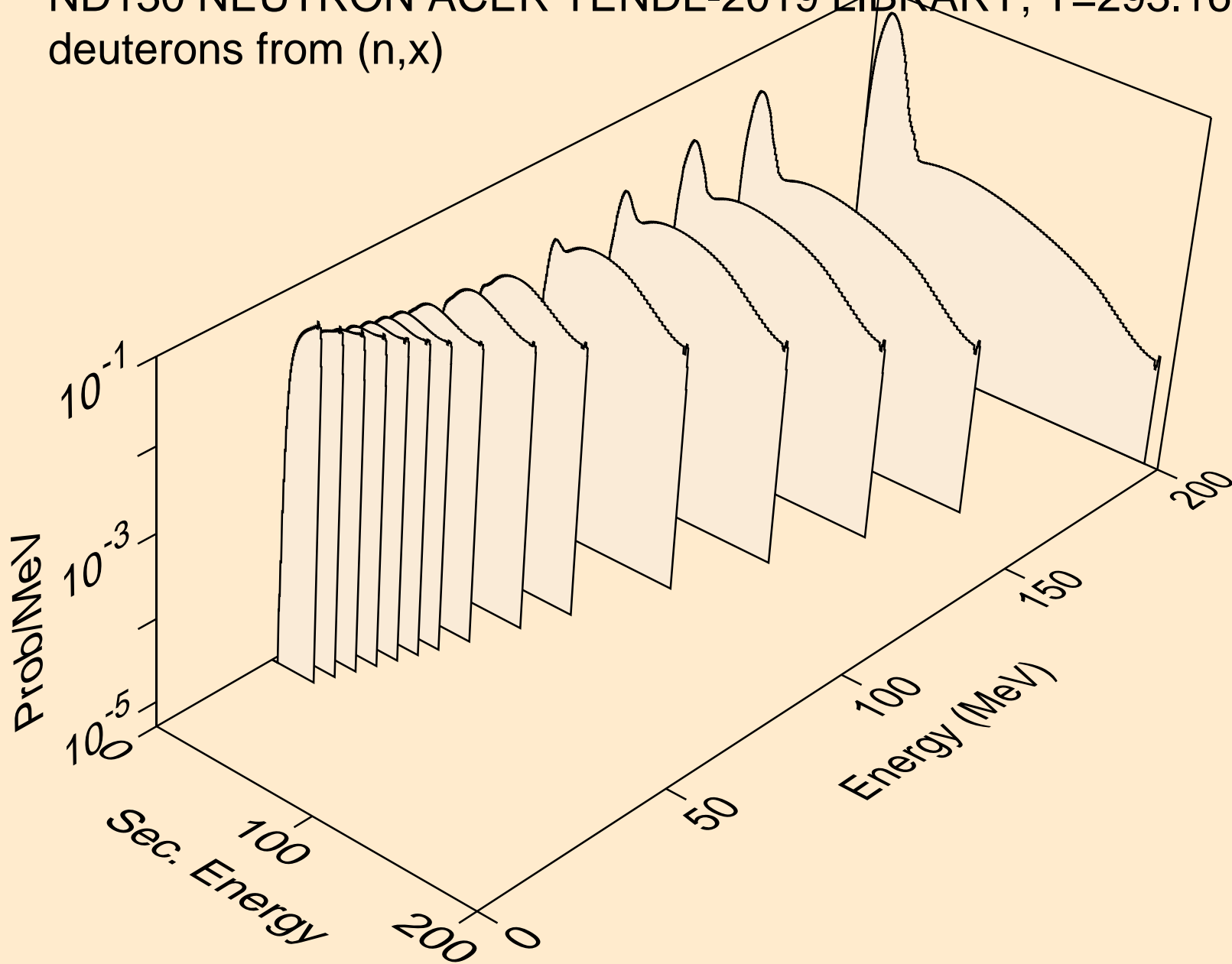
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protons from (n,pd)



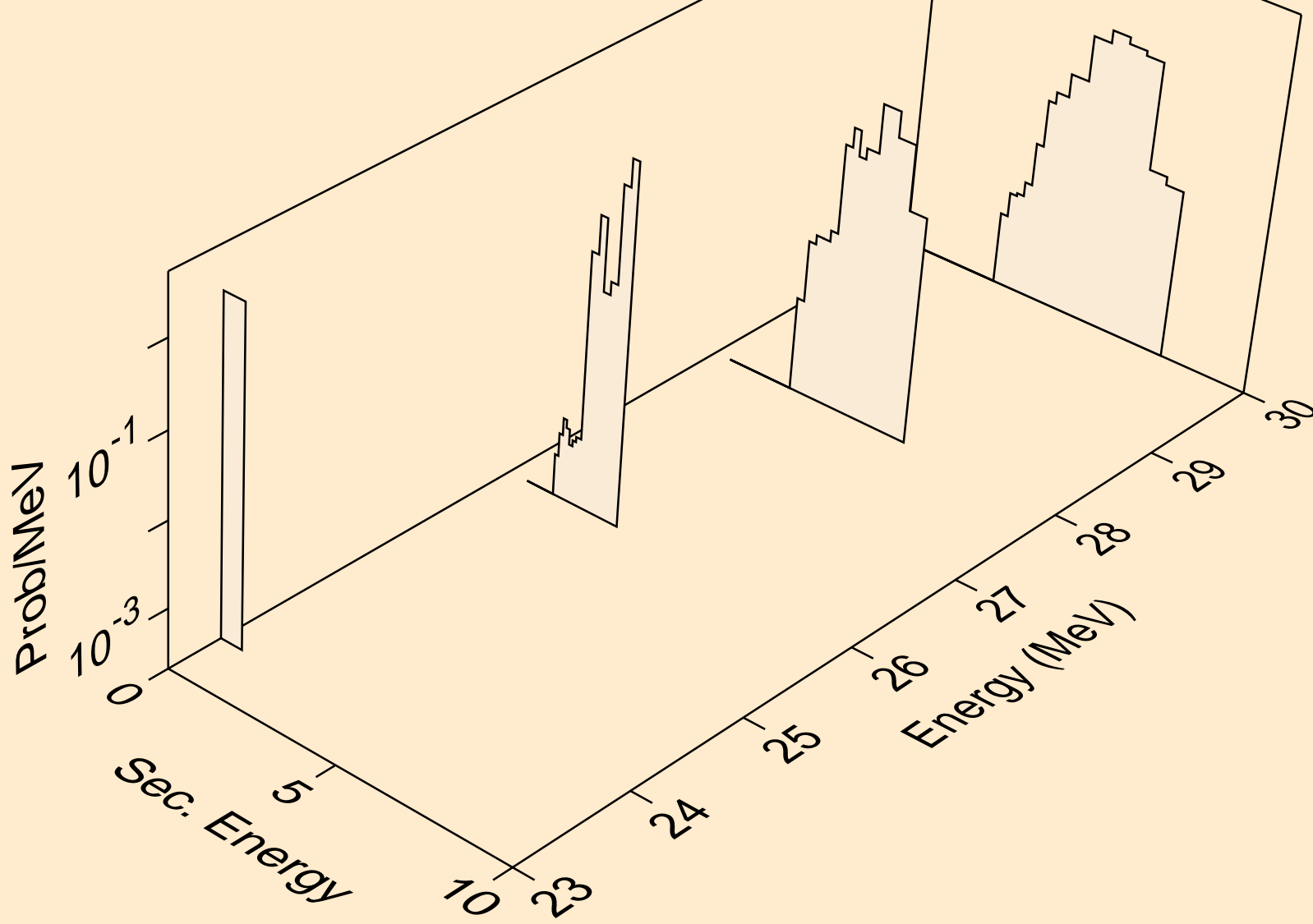
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)



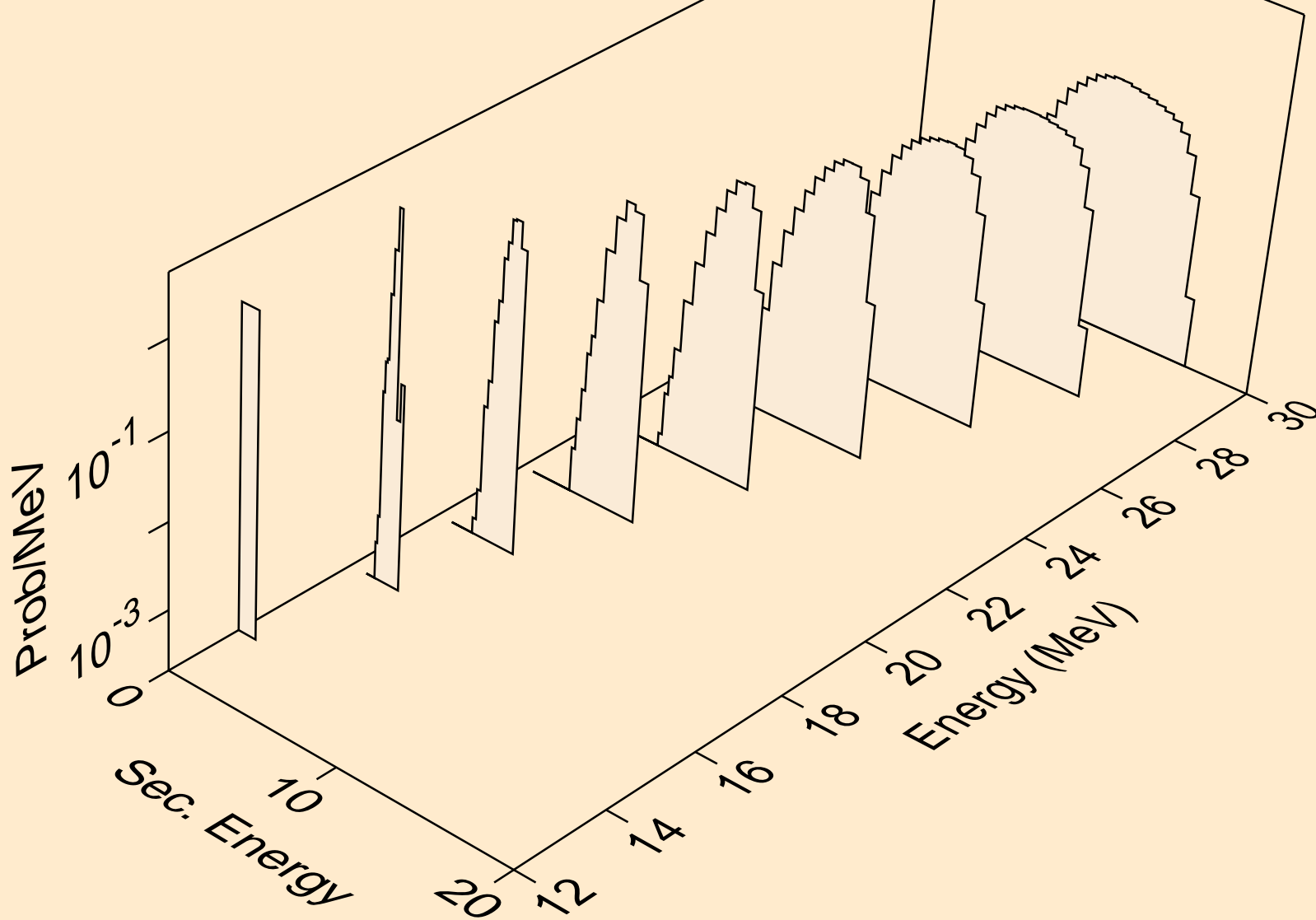
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



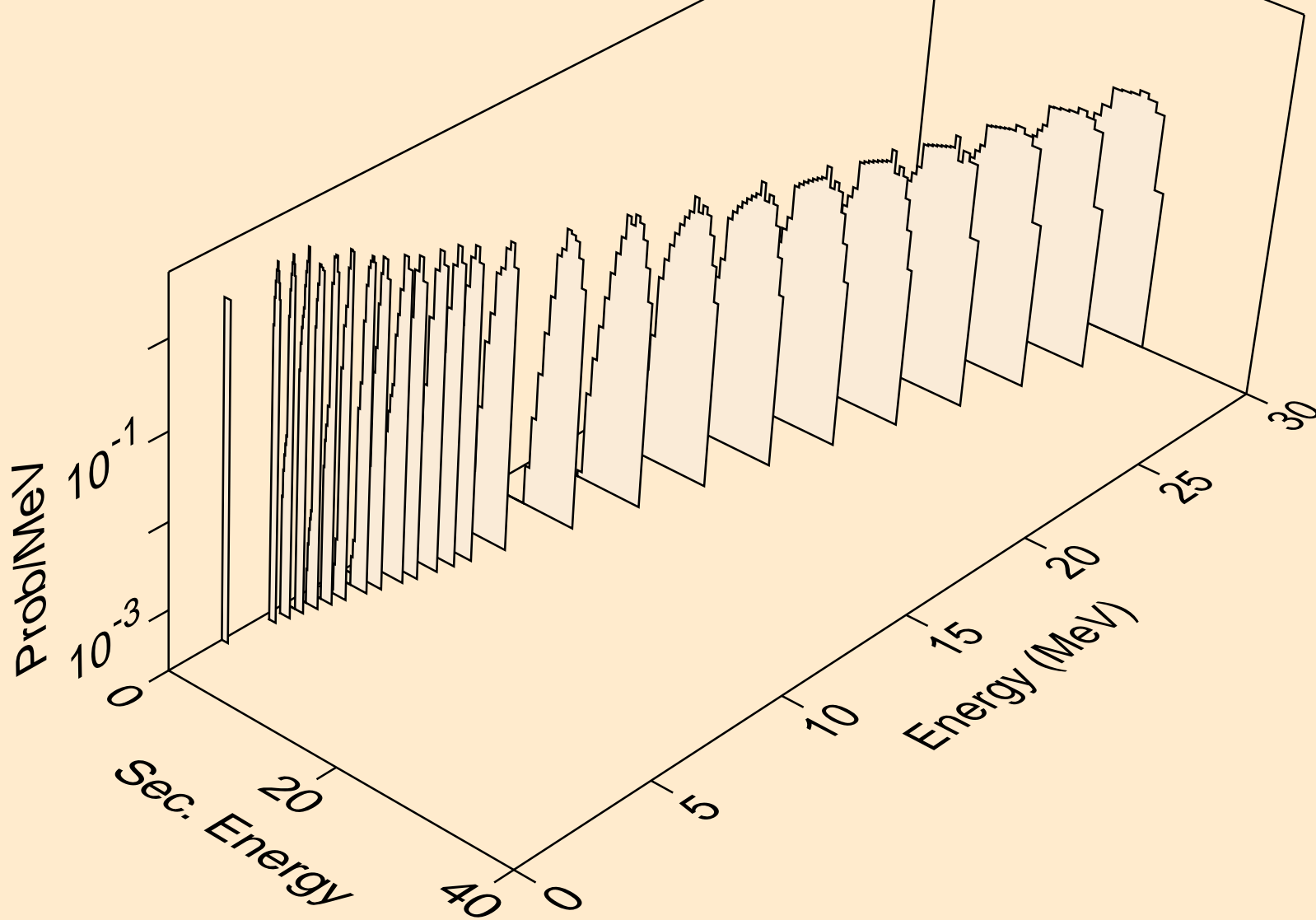
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d

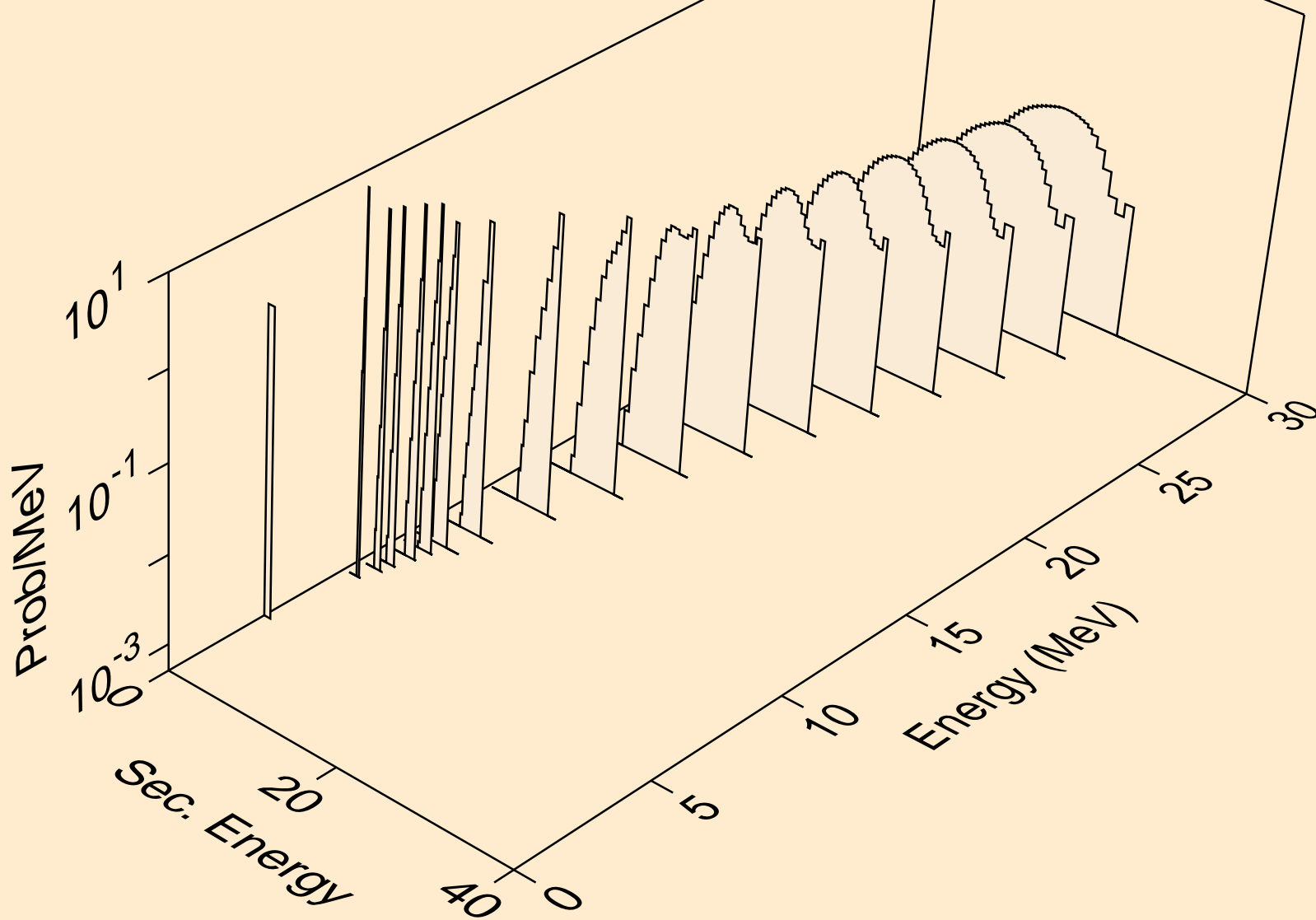


ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)

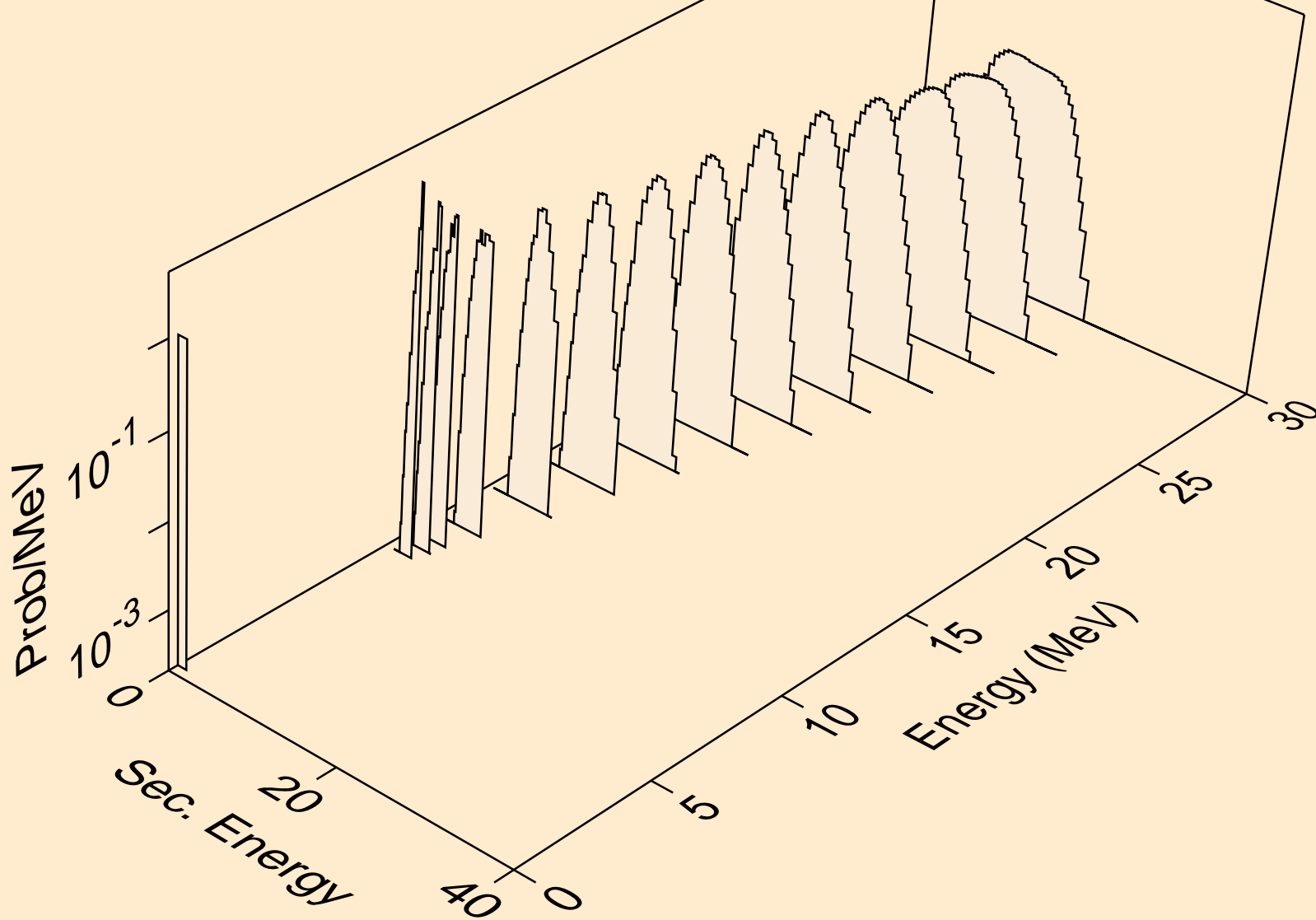




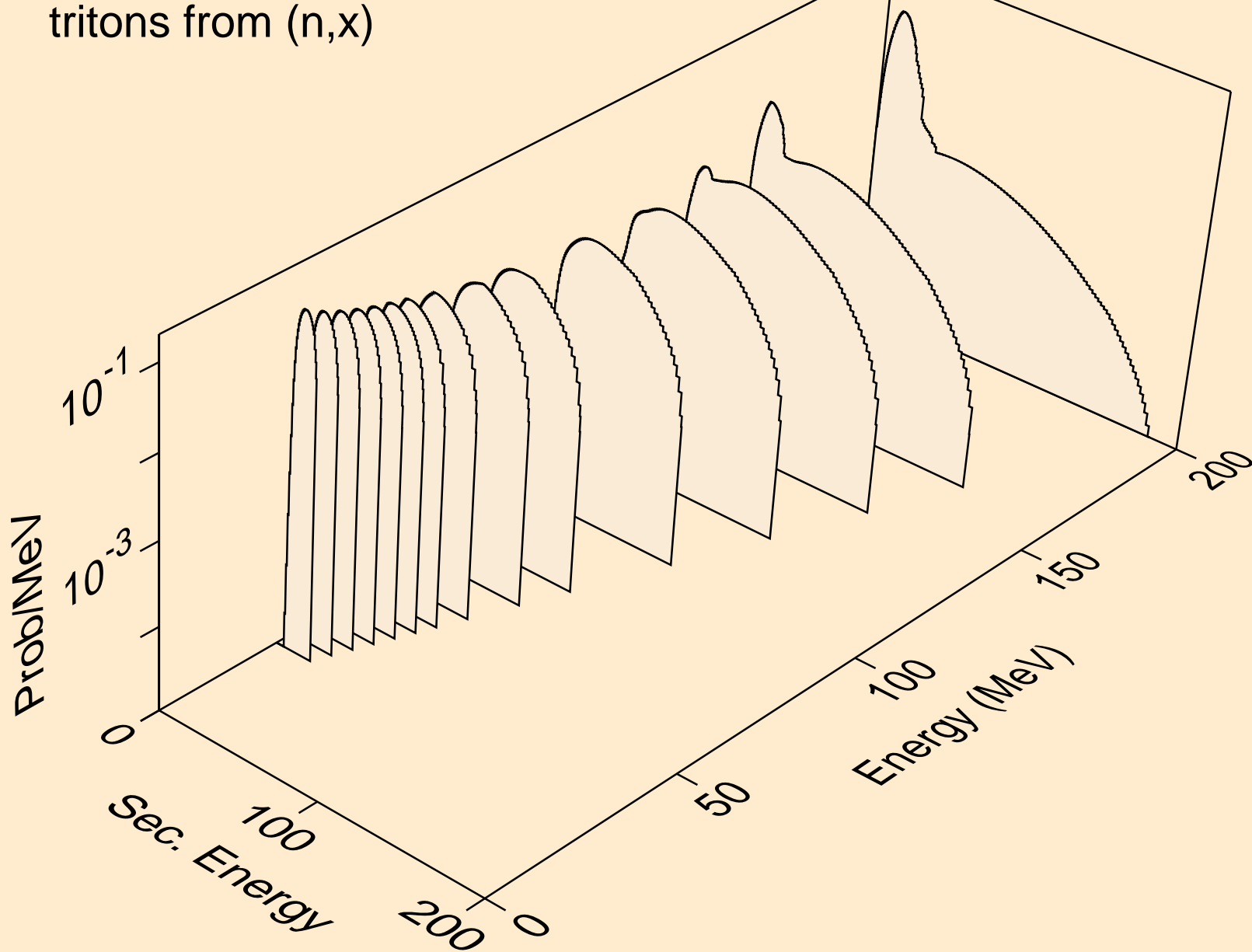
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,pd)



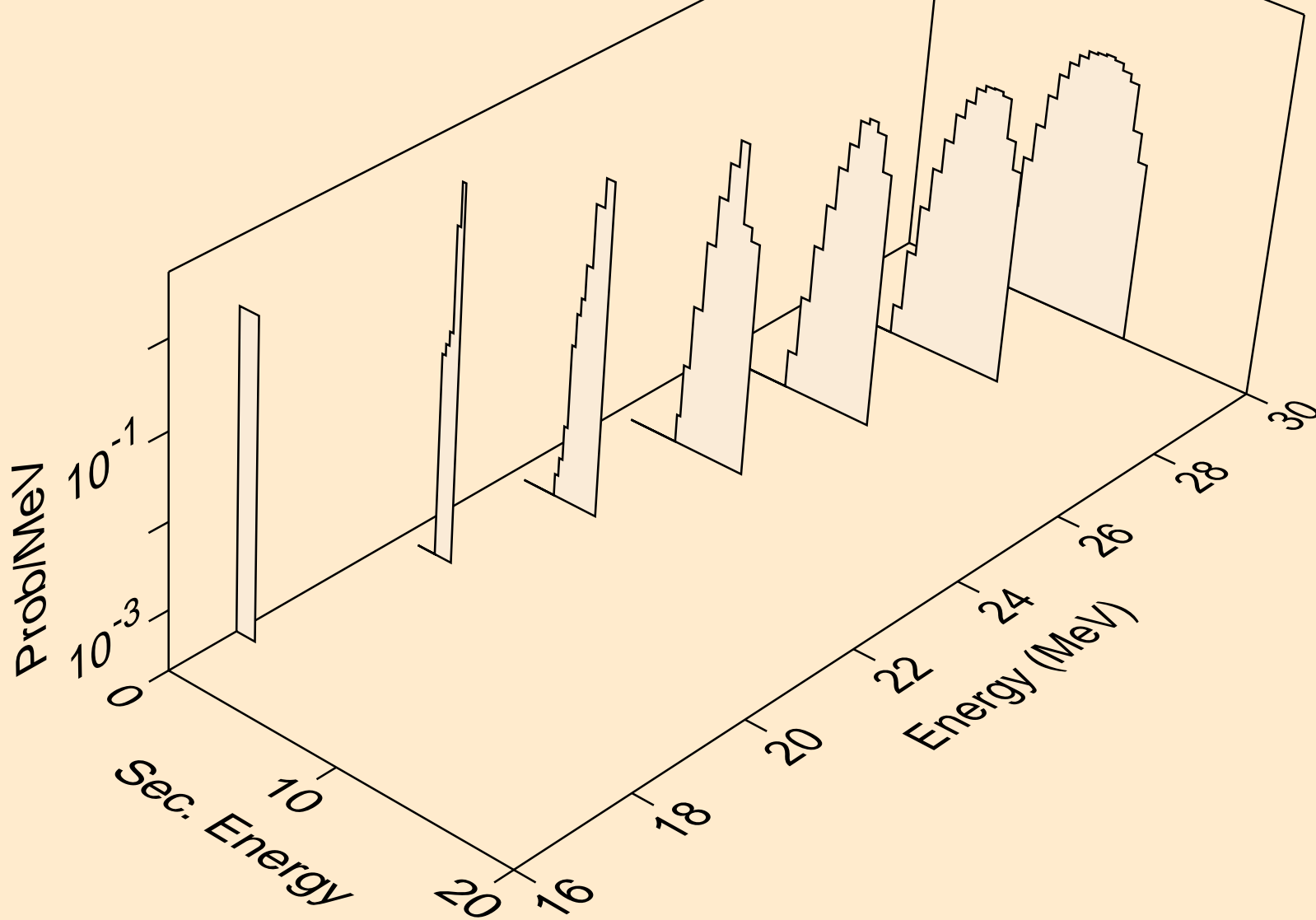
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deuterons from (n,da)



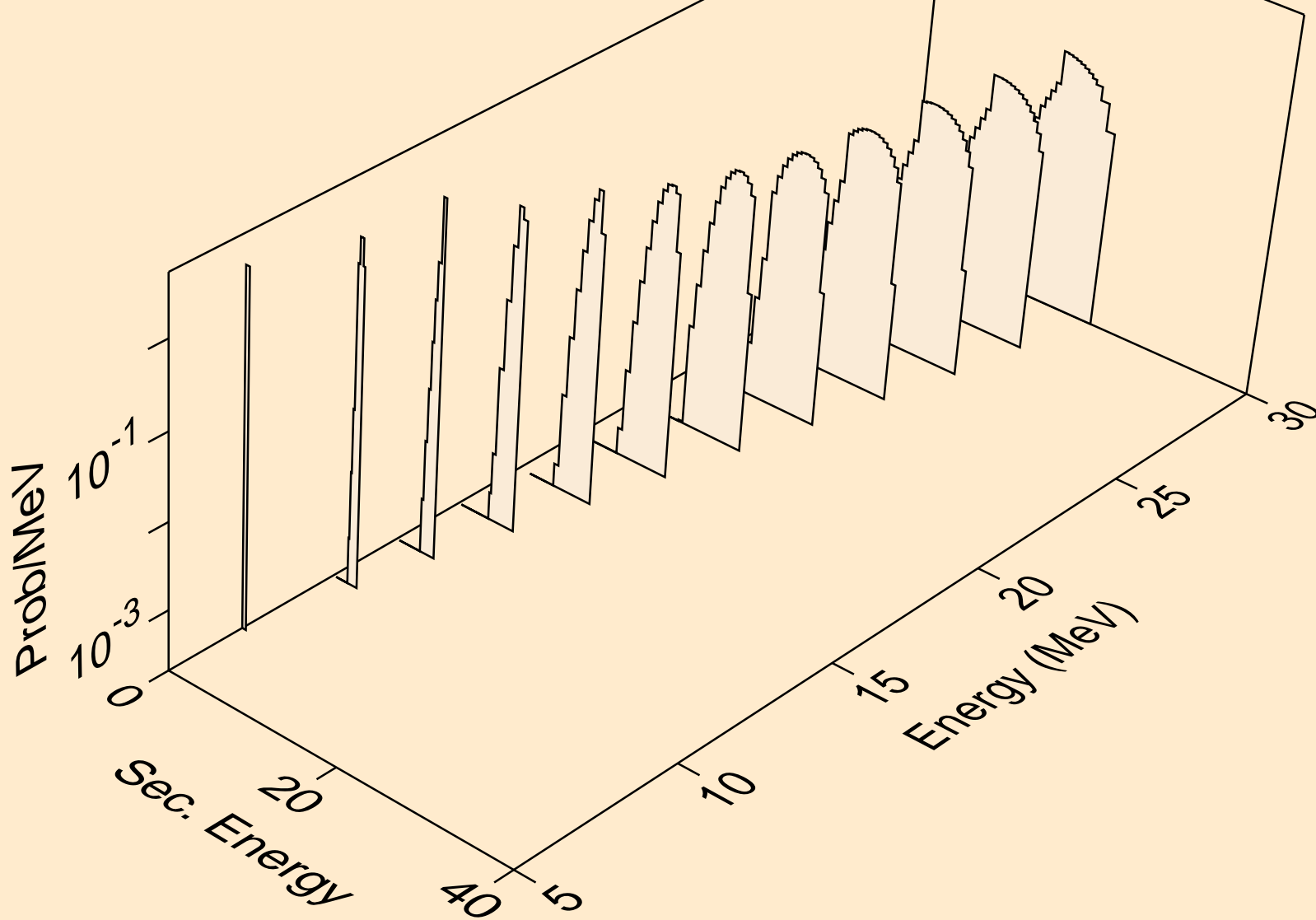
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



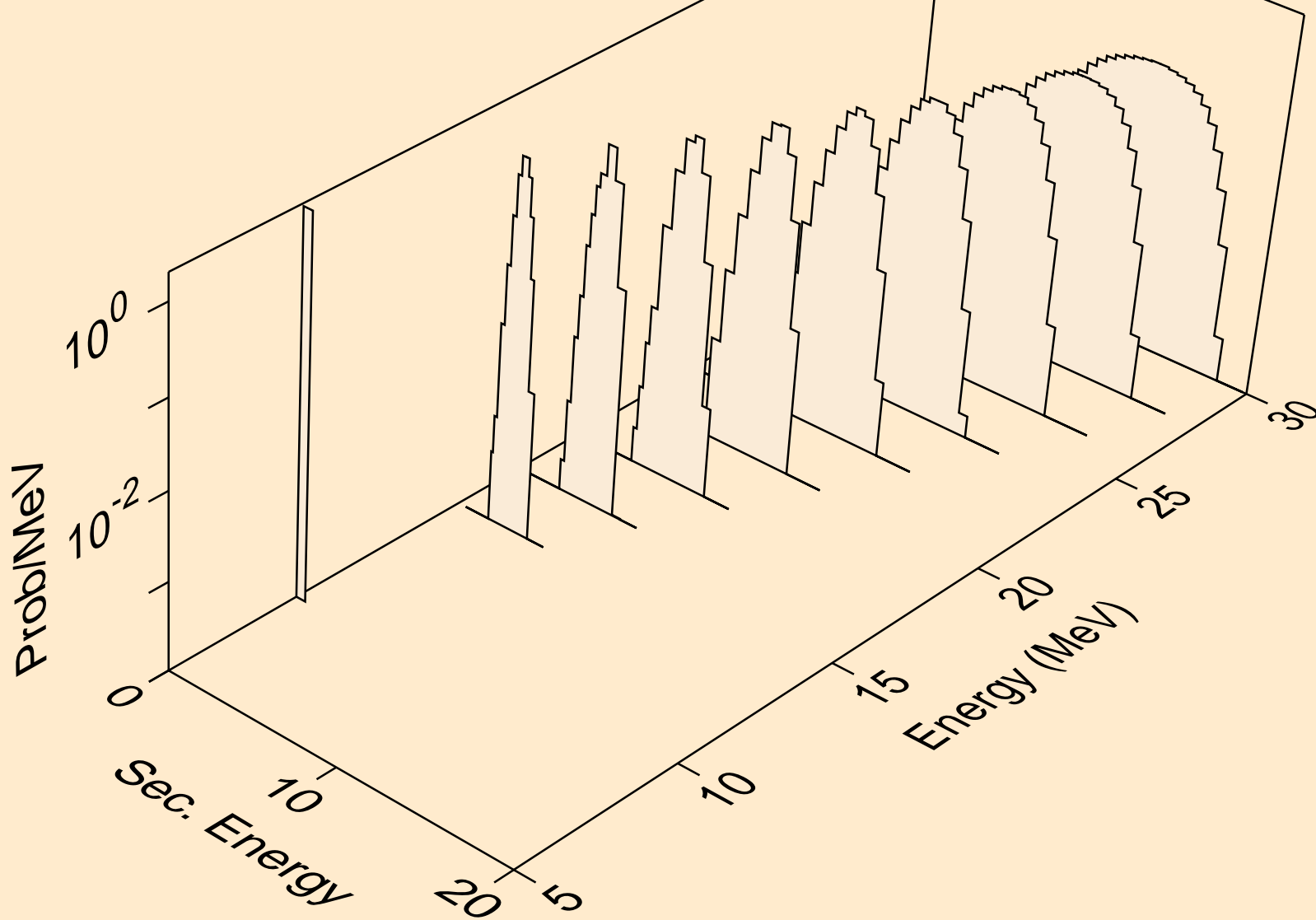
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



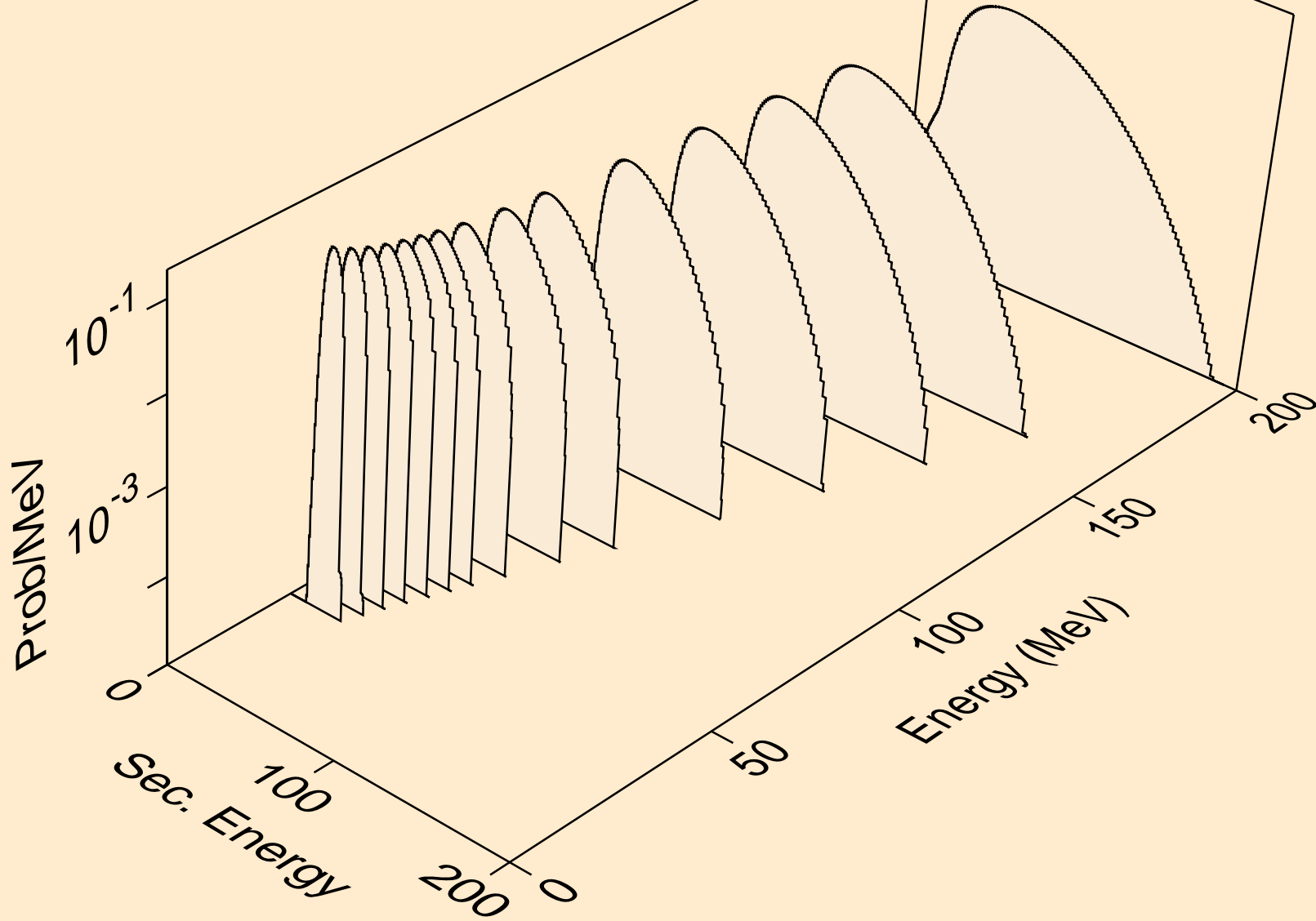
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tritons from (n,t)



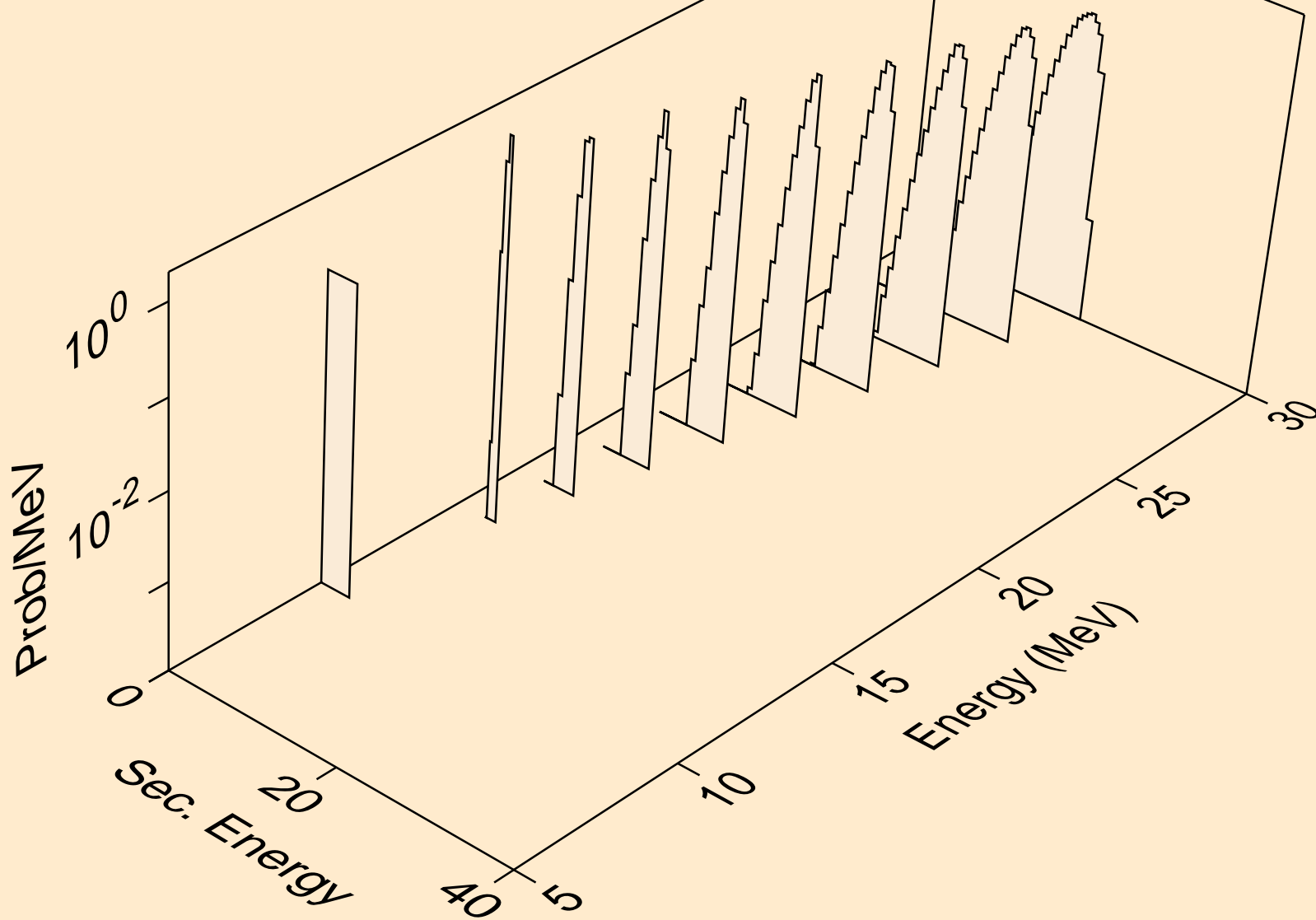
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,pt)



ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)

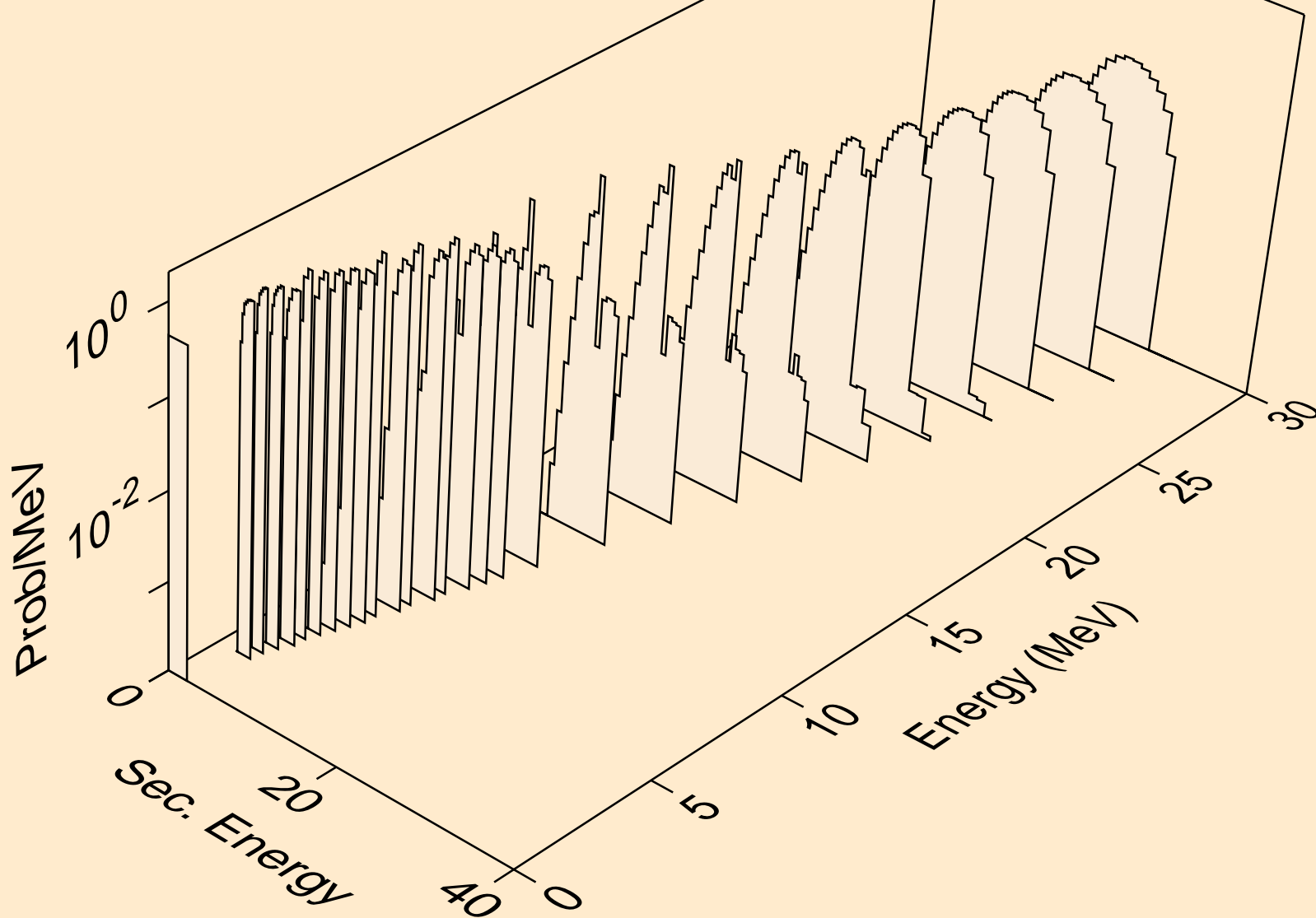


ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3

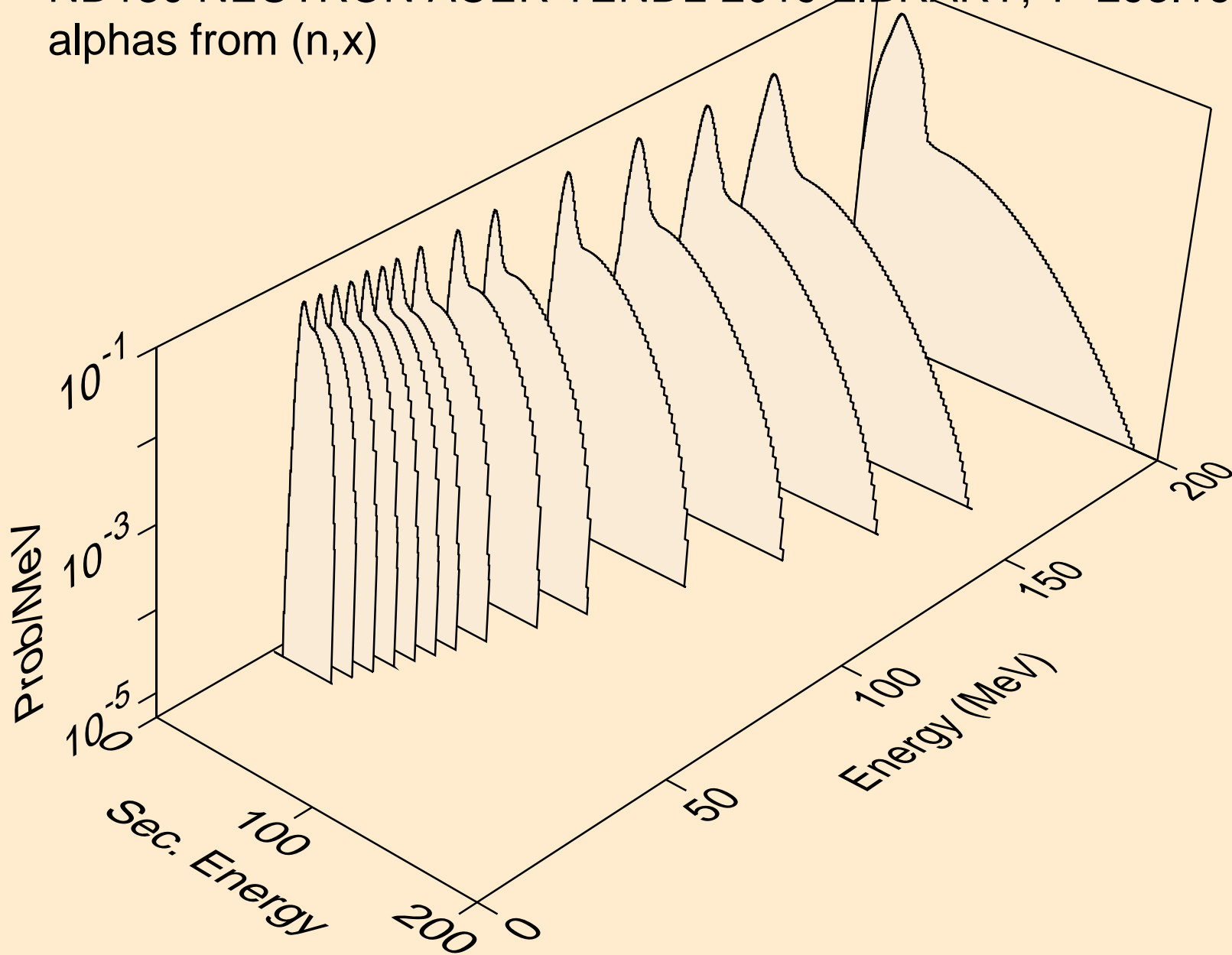




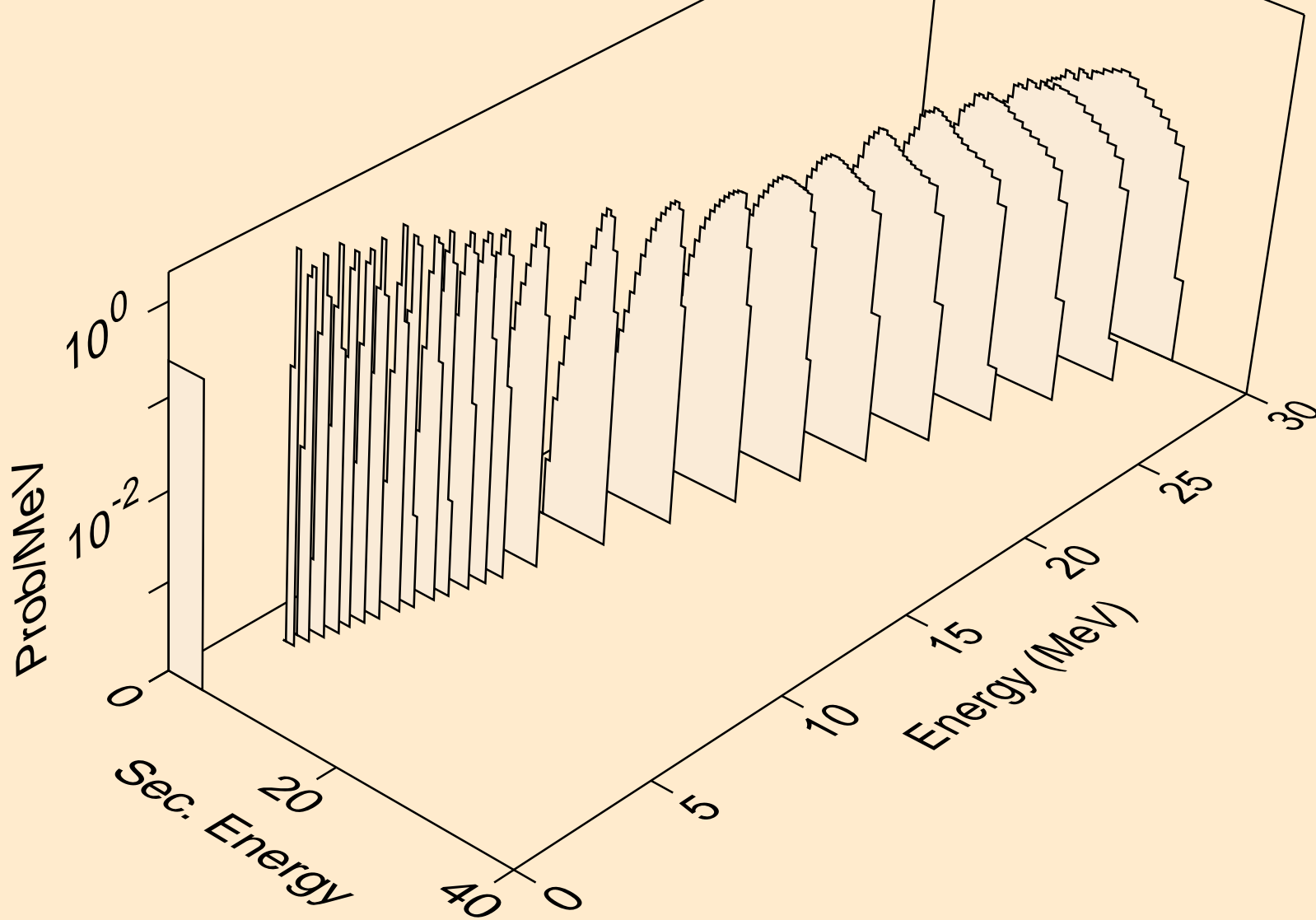
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



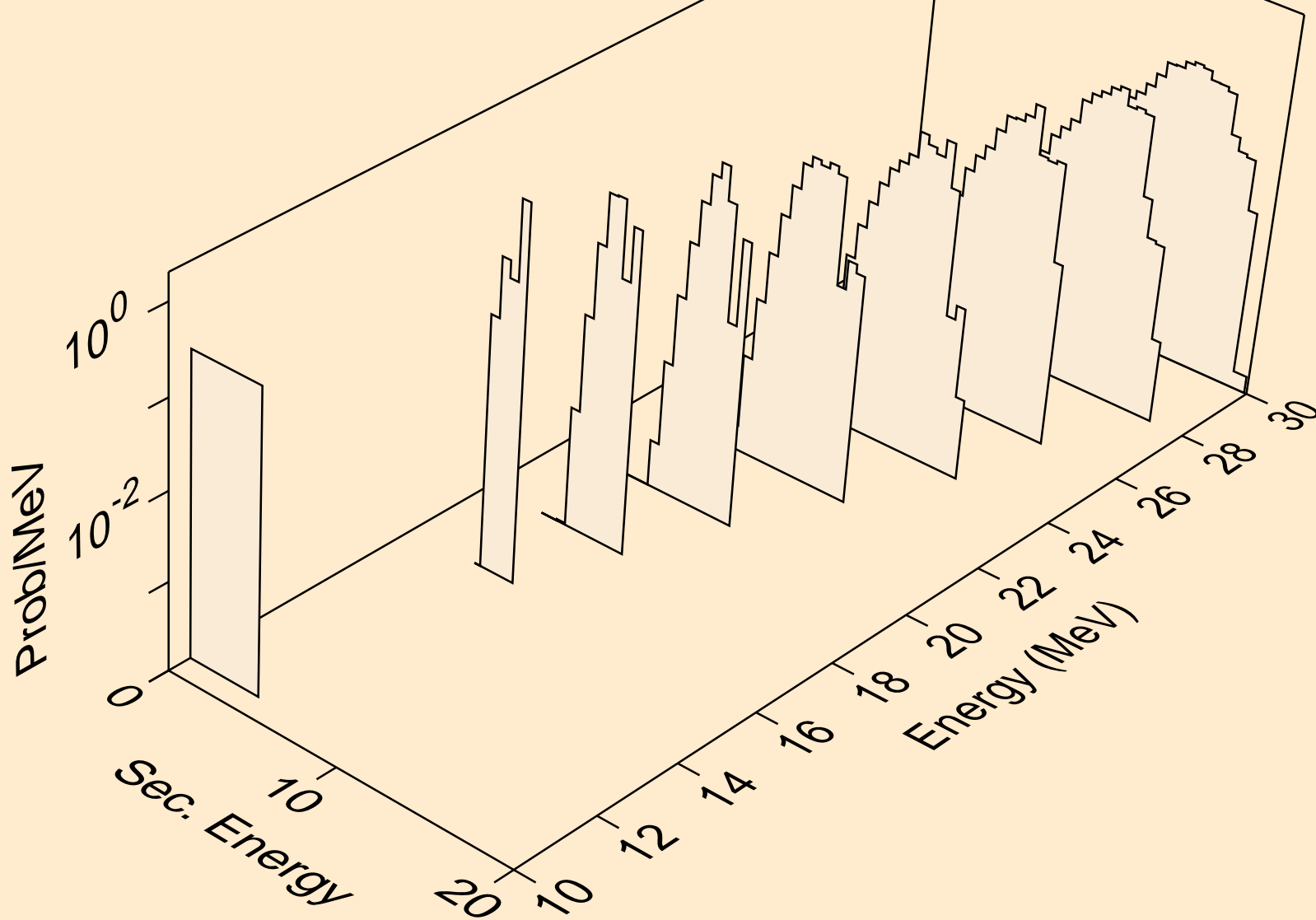
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



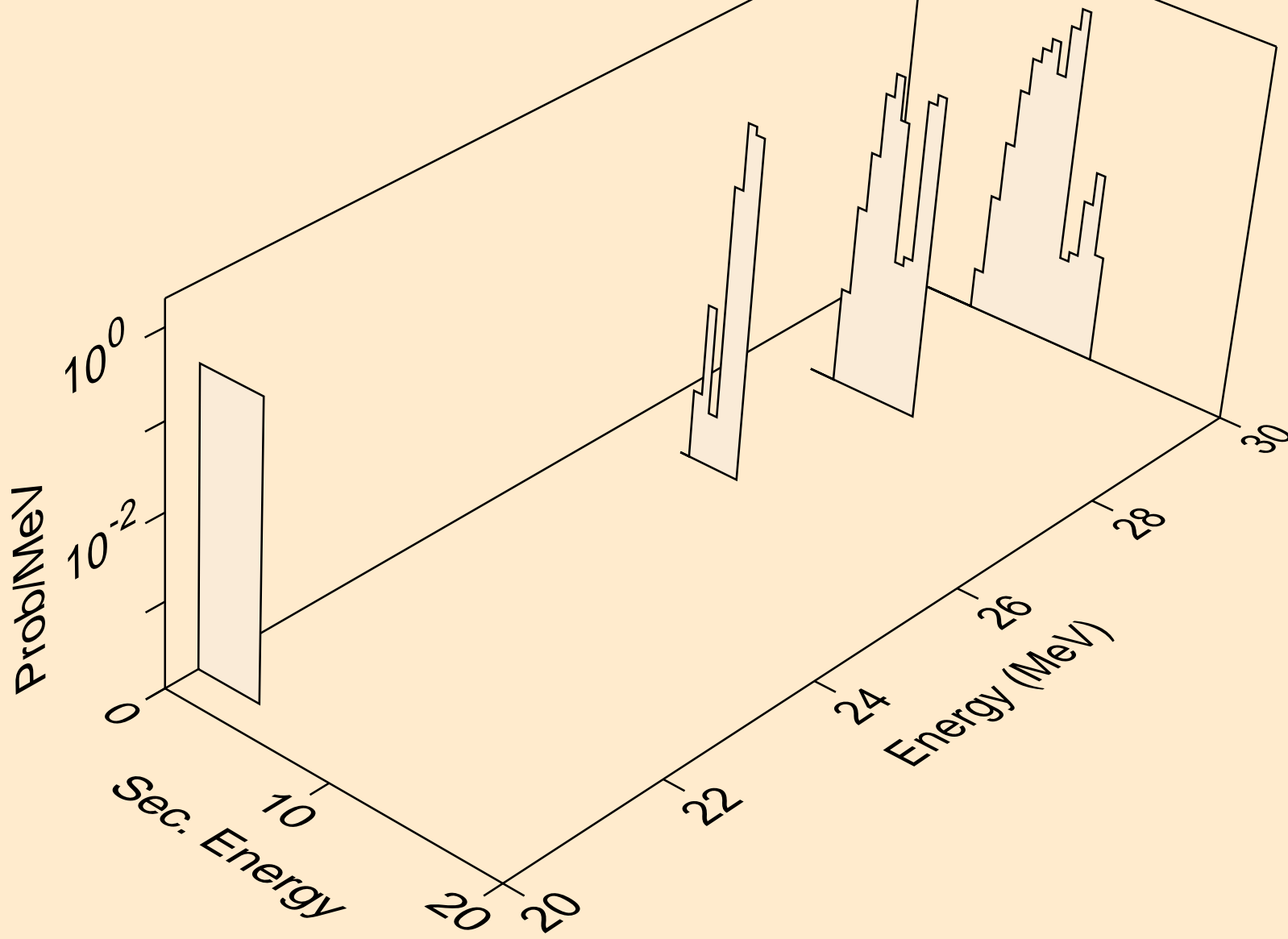
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



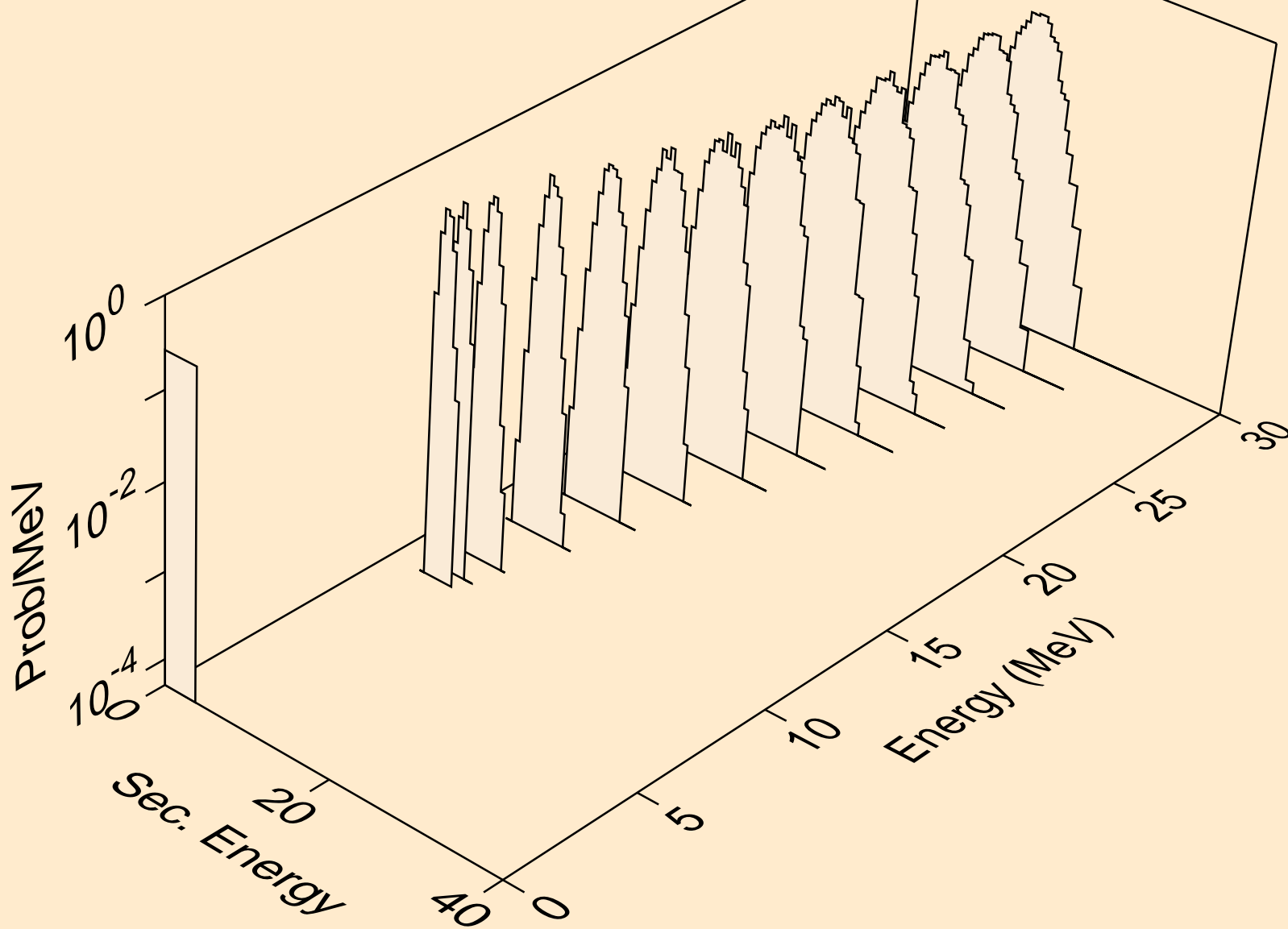
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



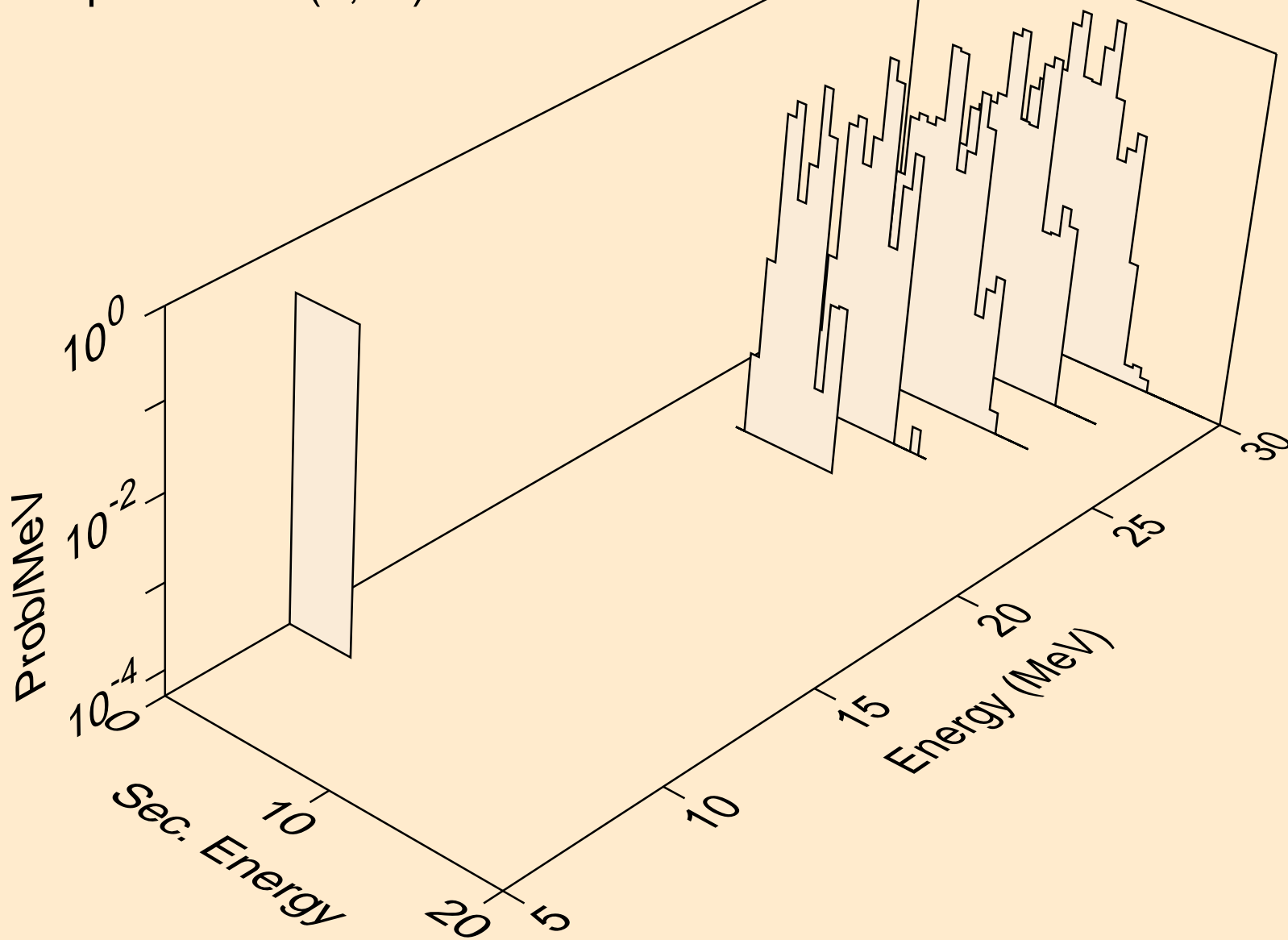
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



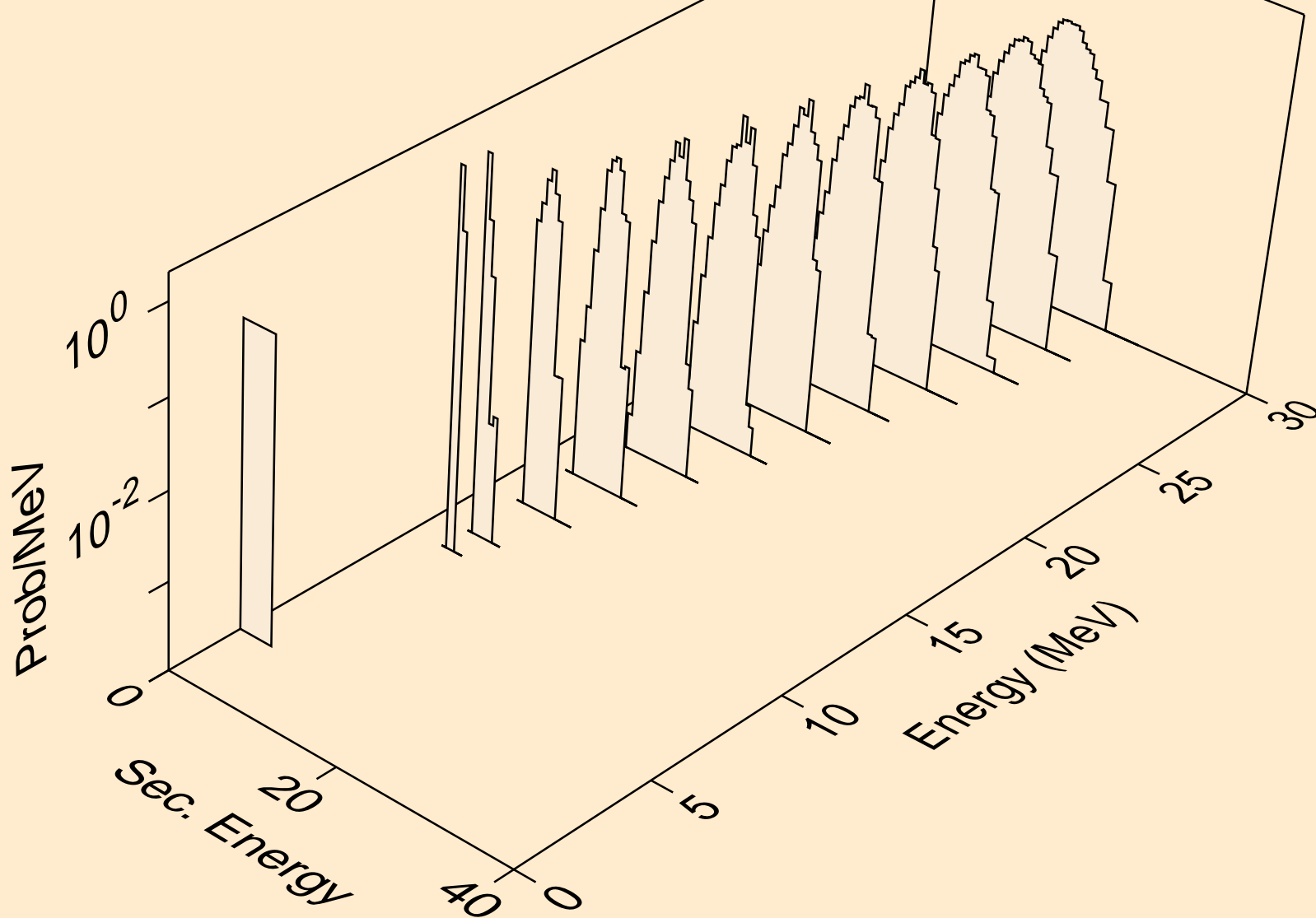
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)2a



ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)2a

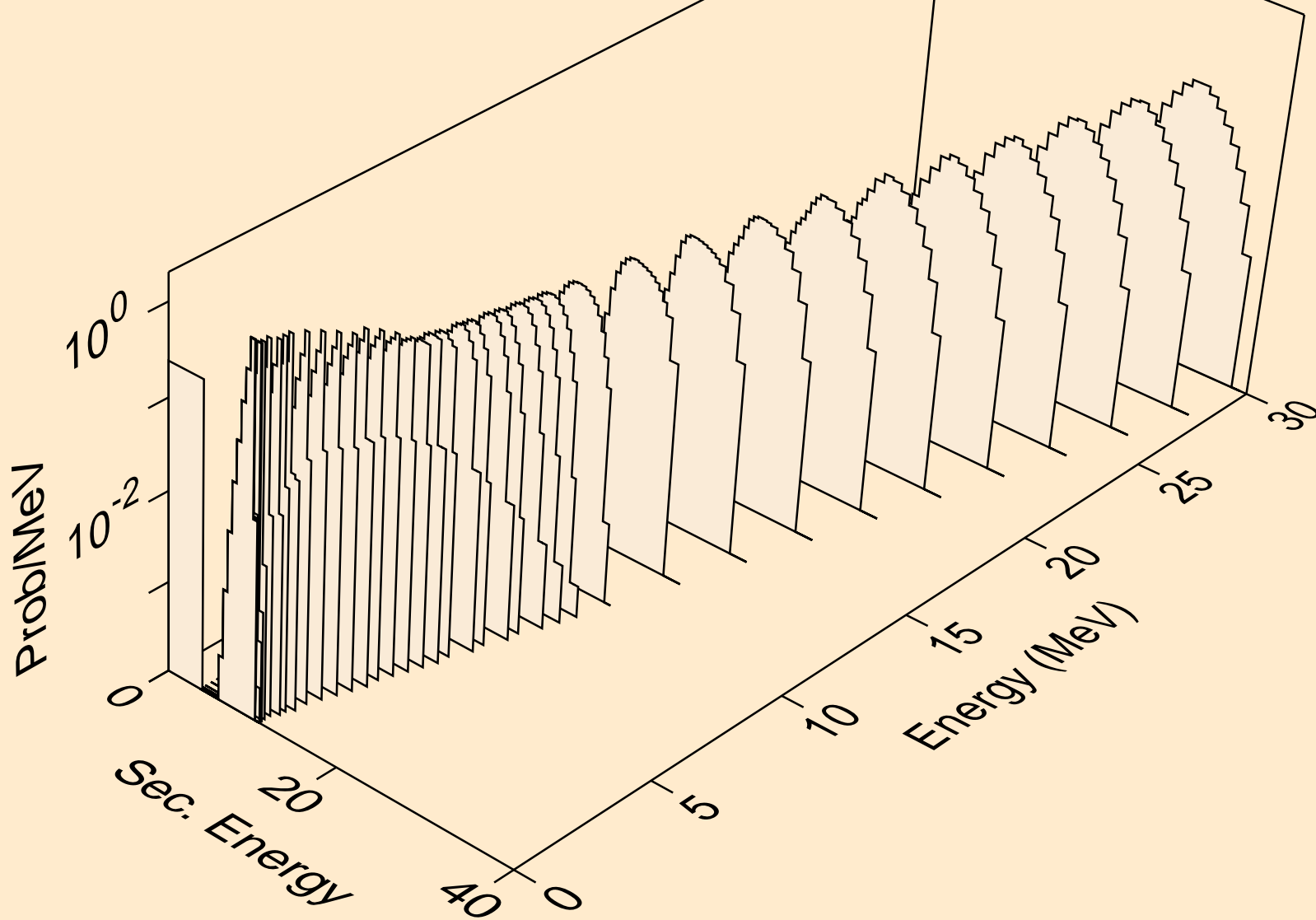


ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)

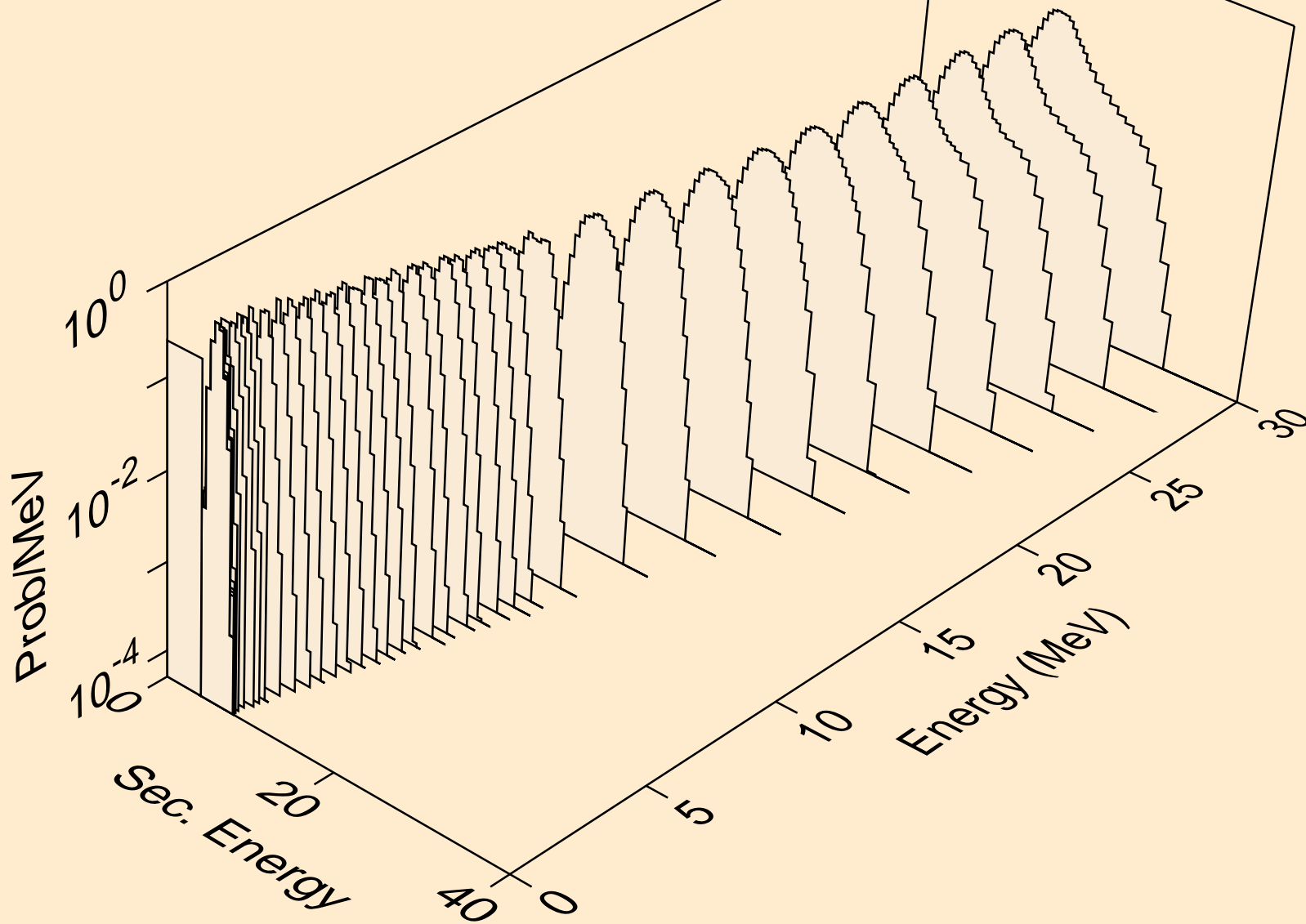




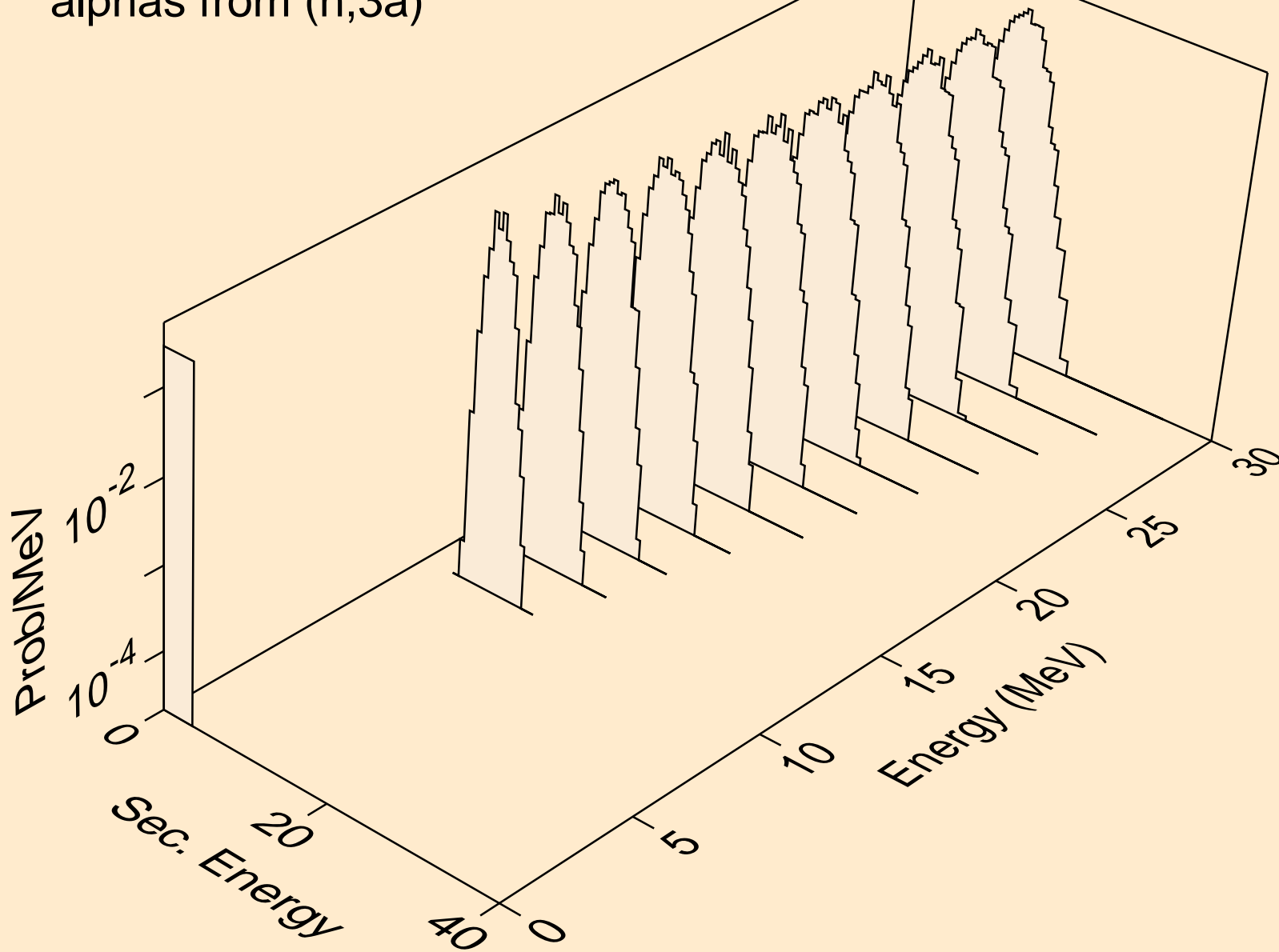
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



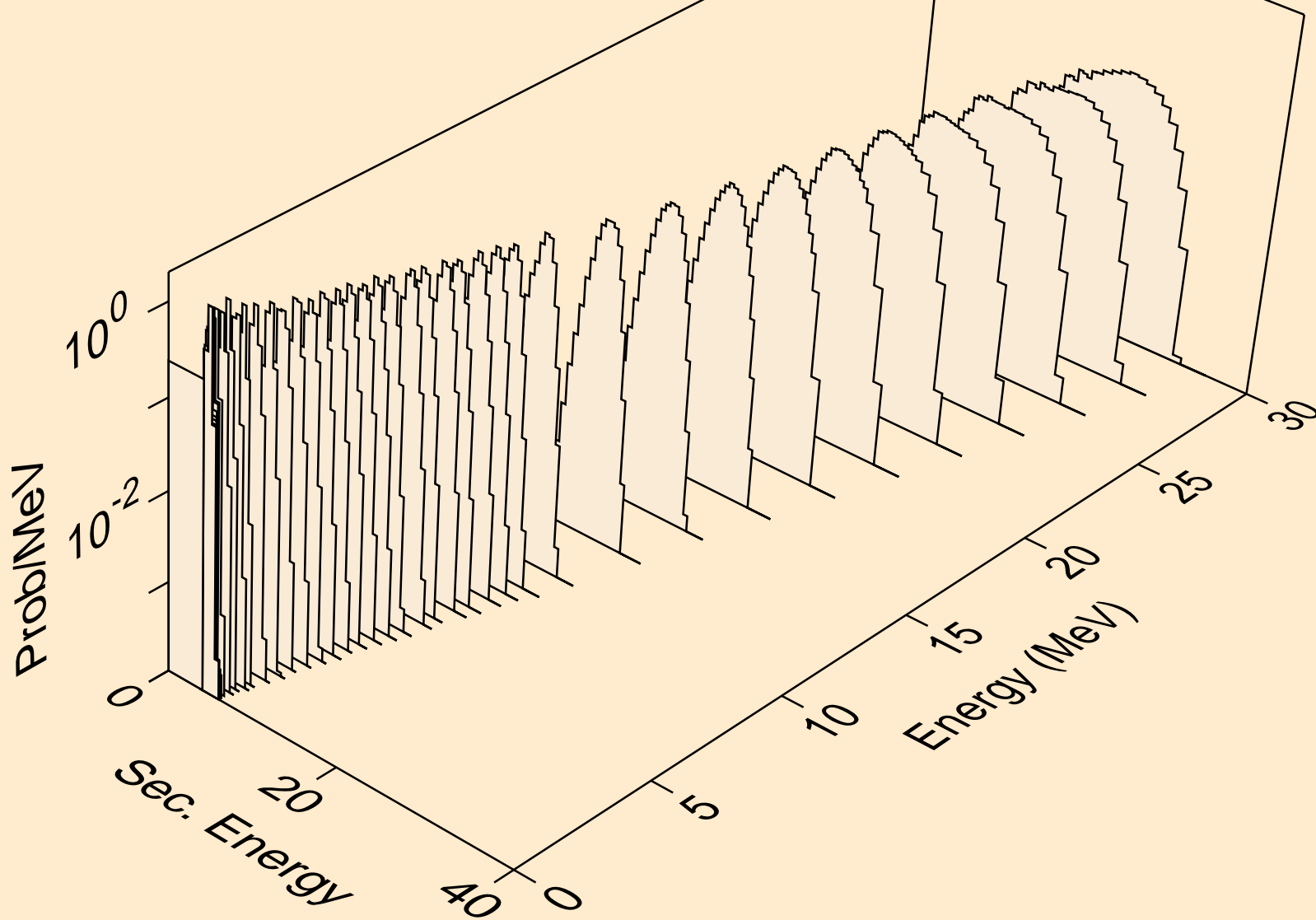
ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)



ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3a)



ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)



ND130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

