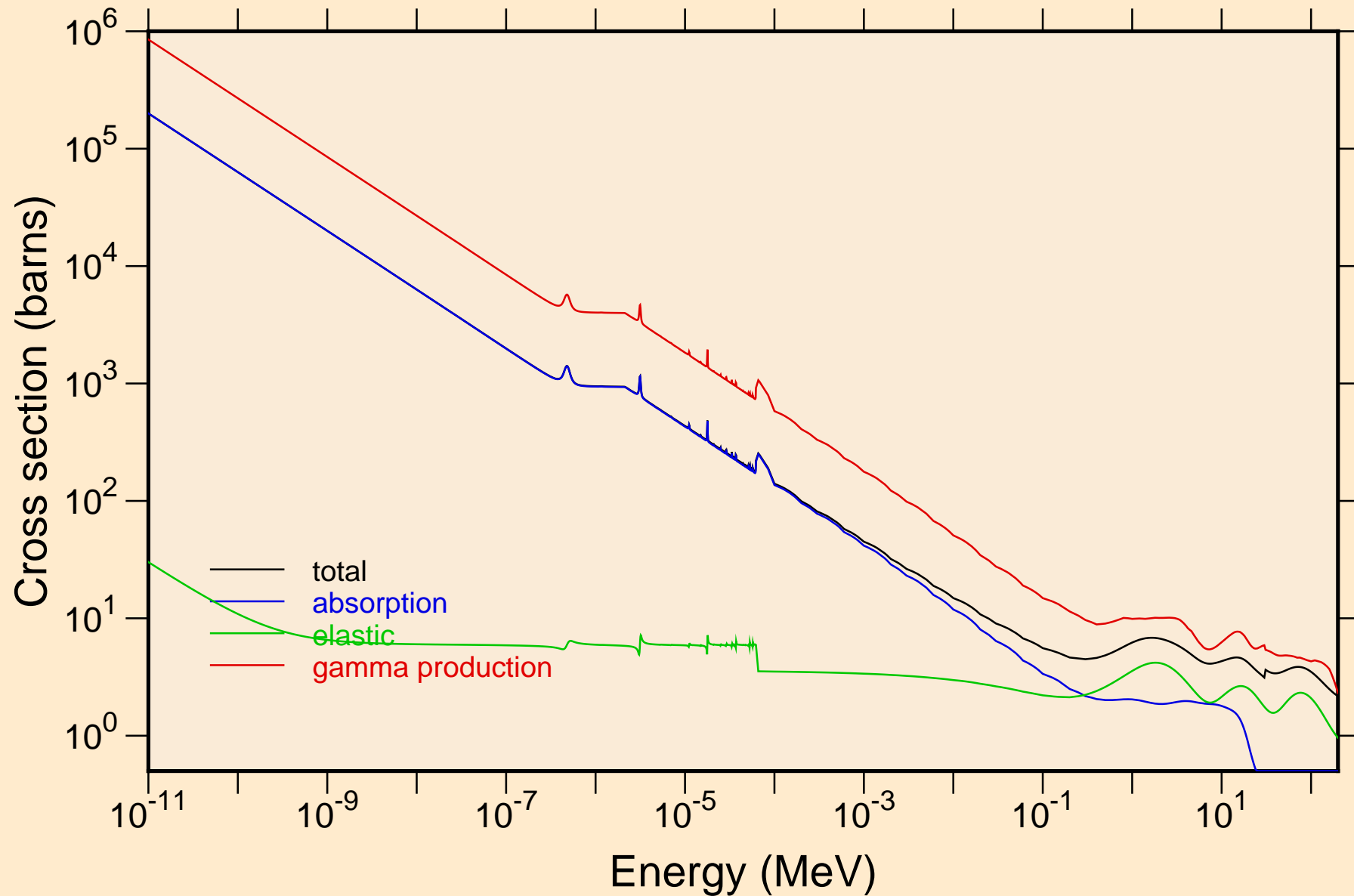
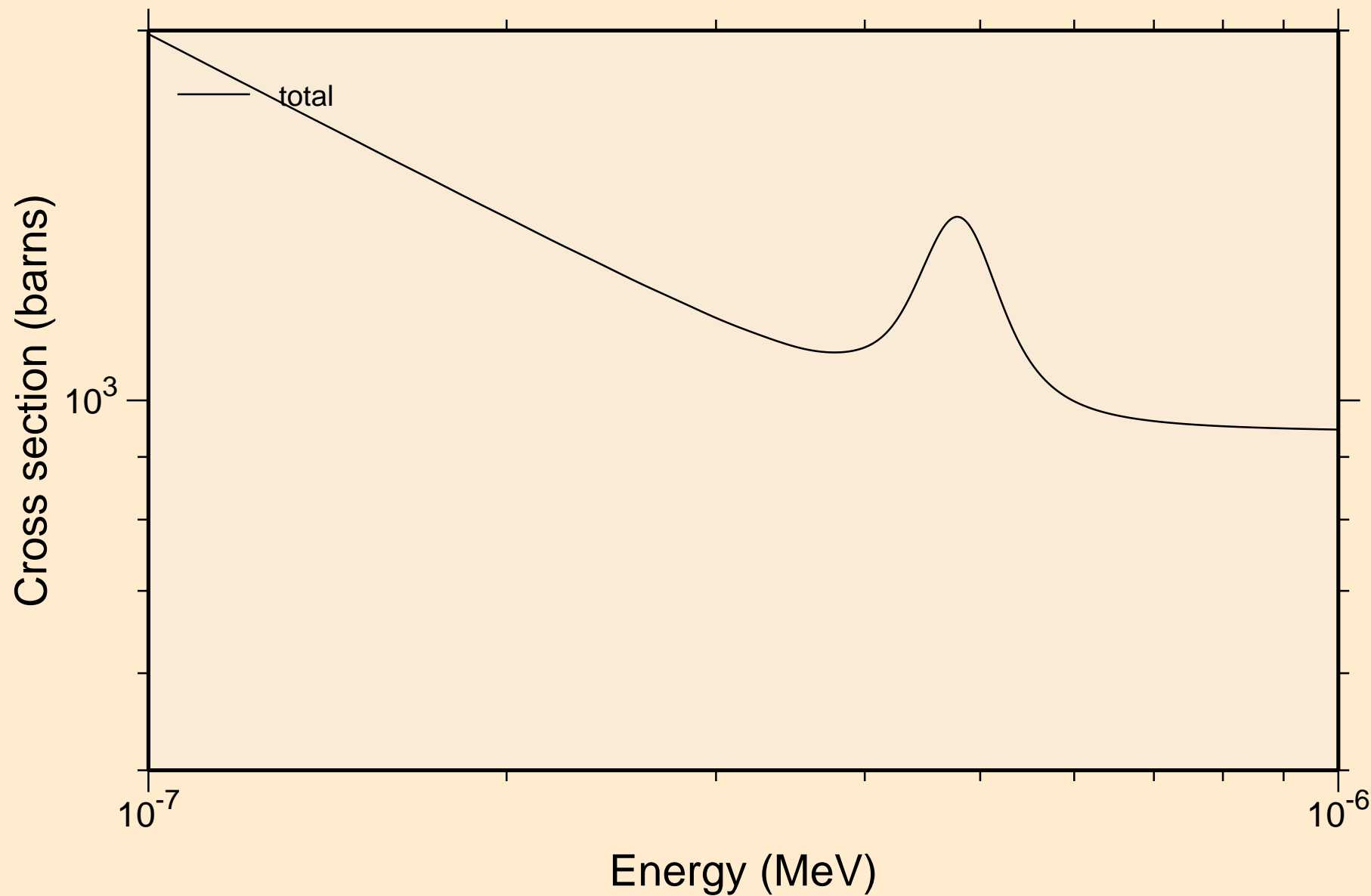


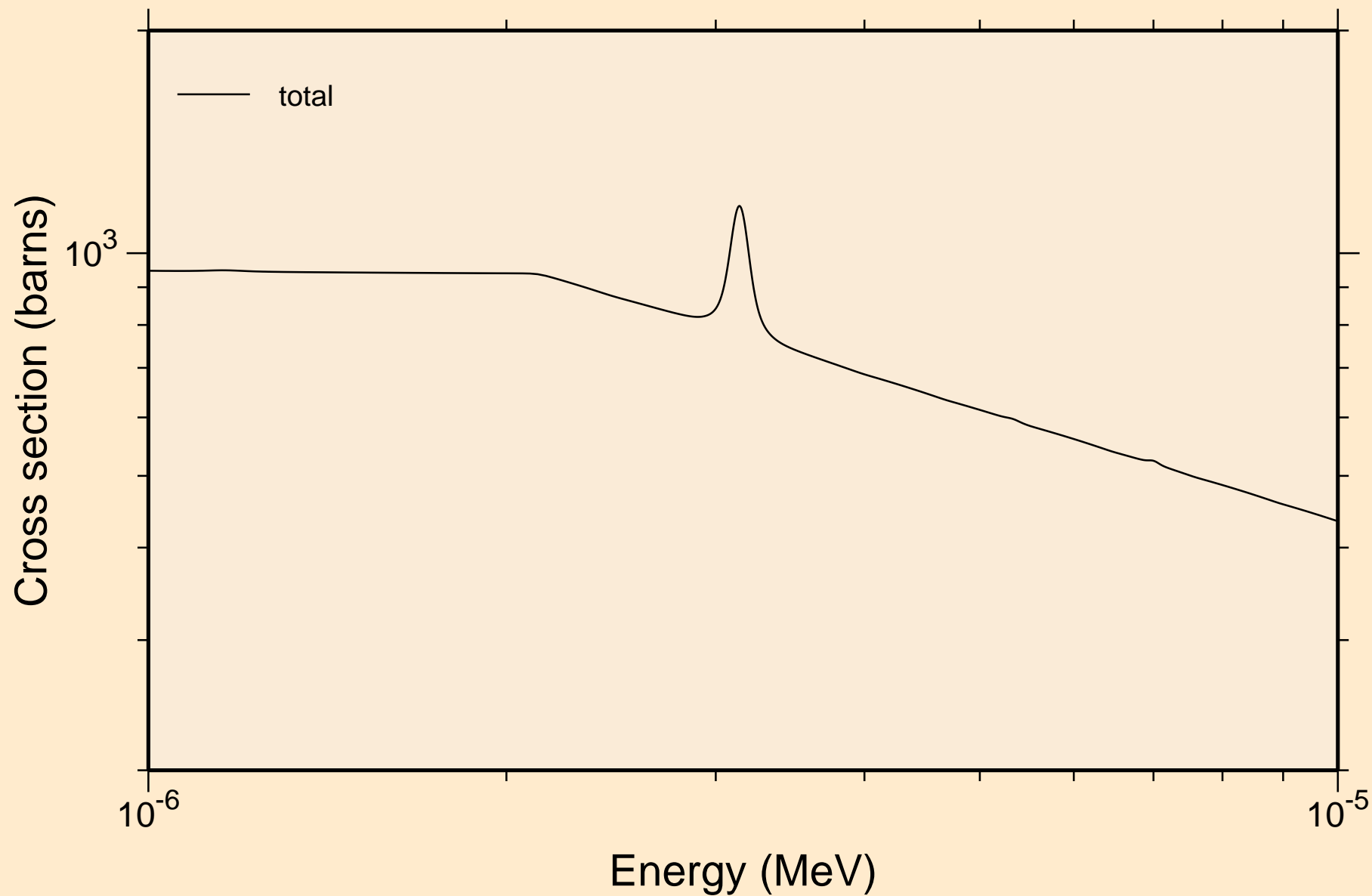
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



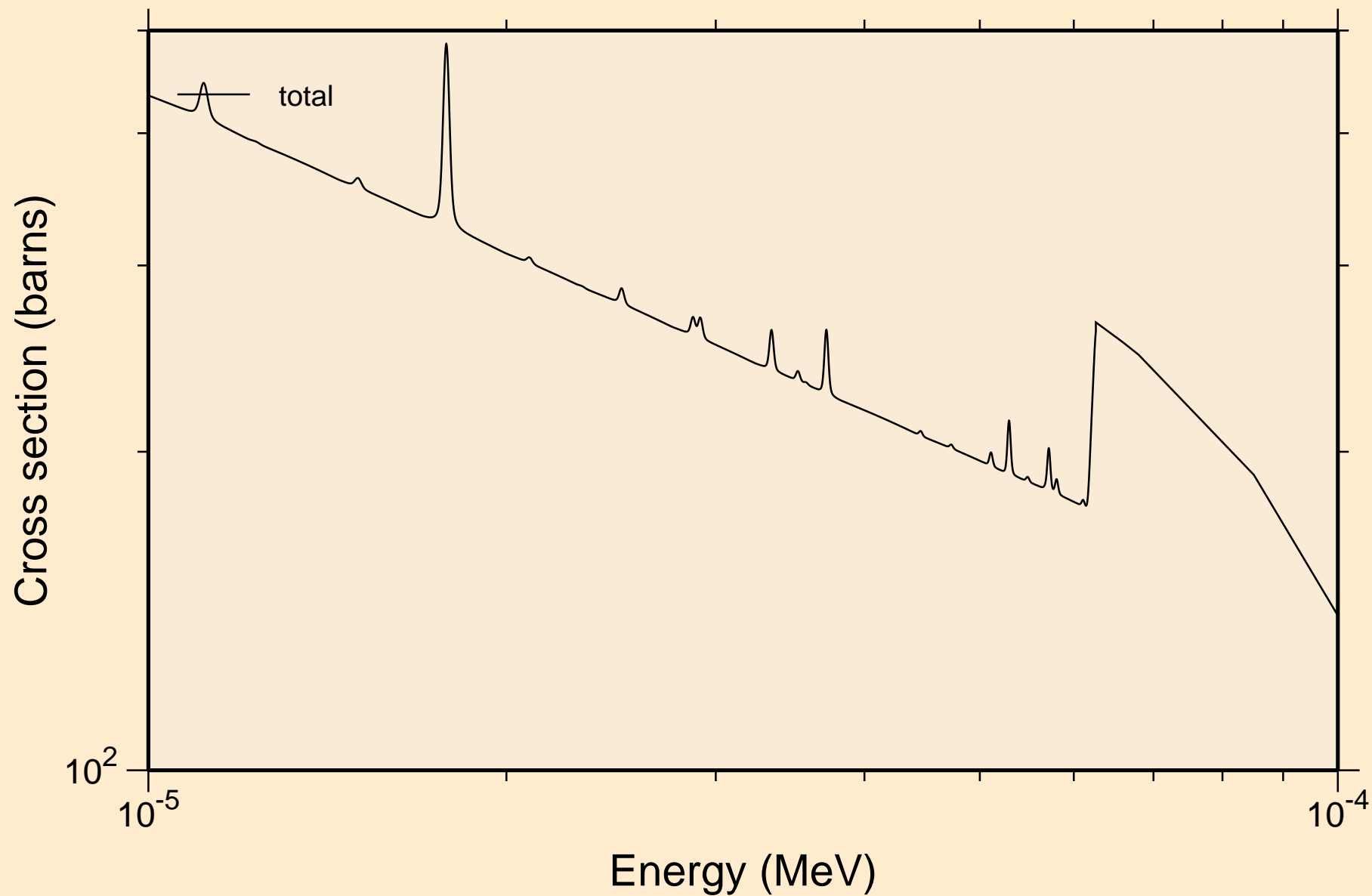
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



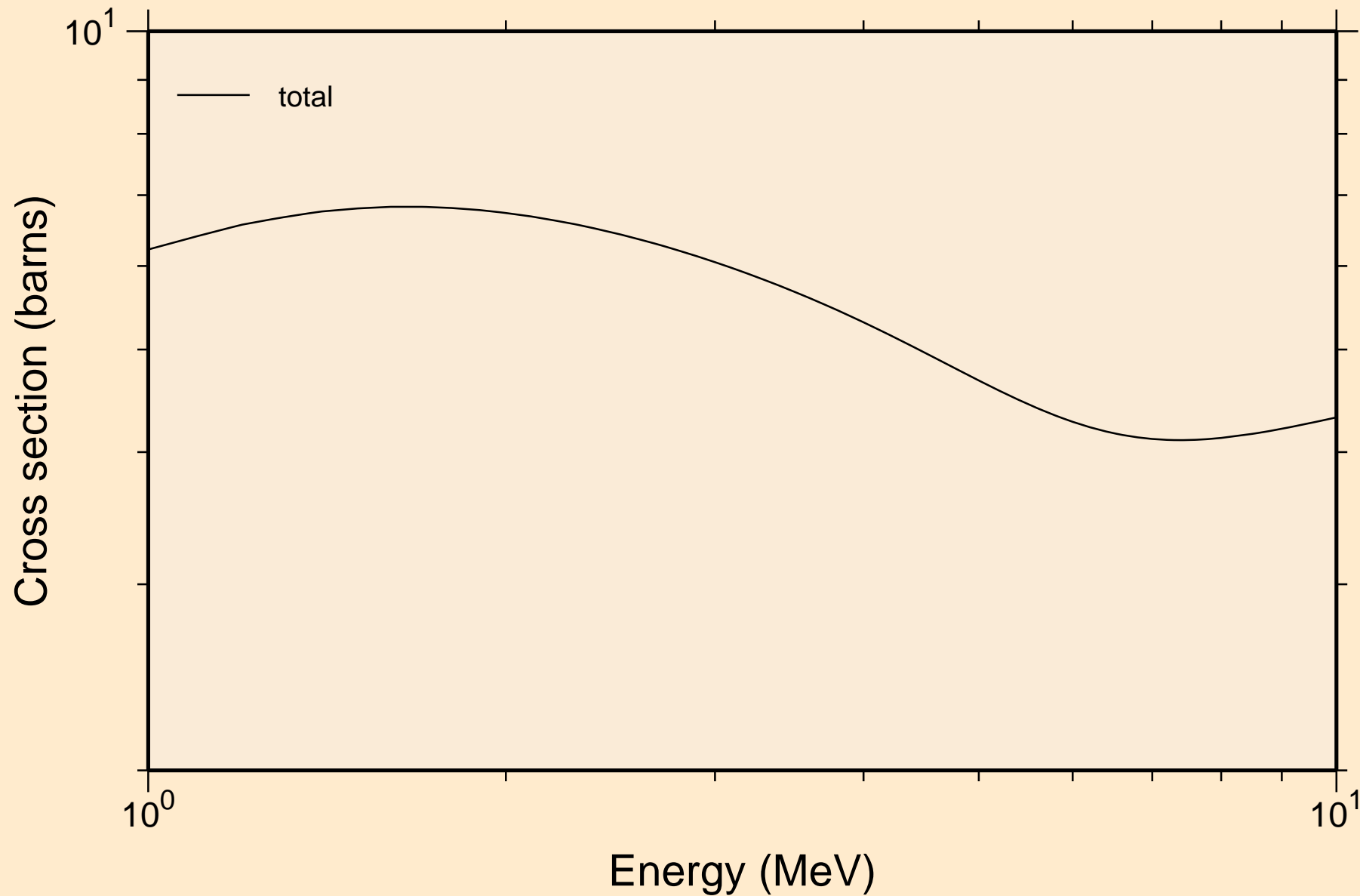
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



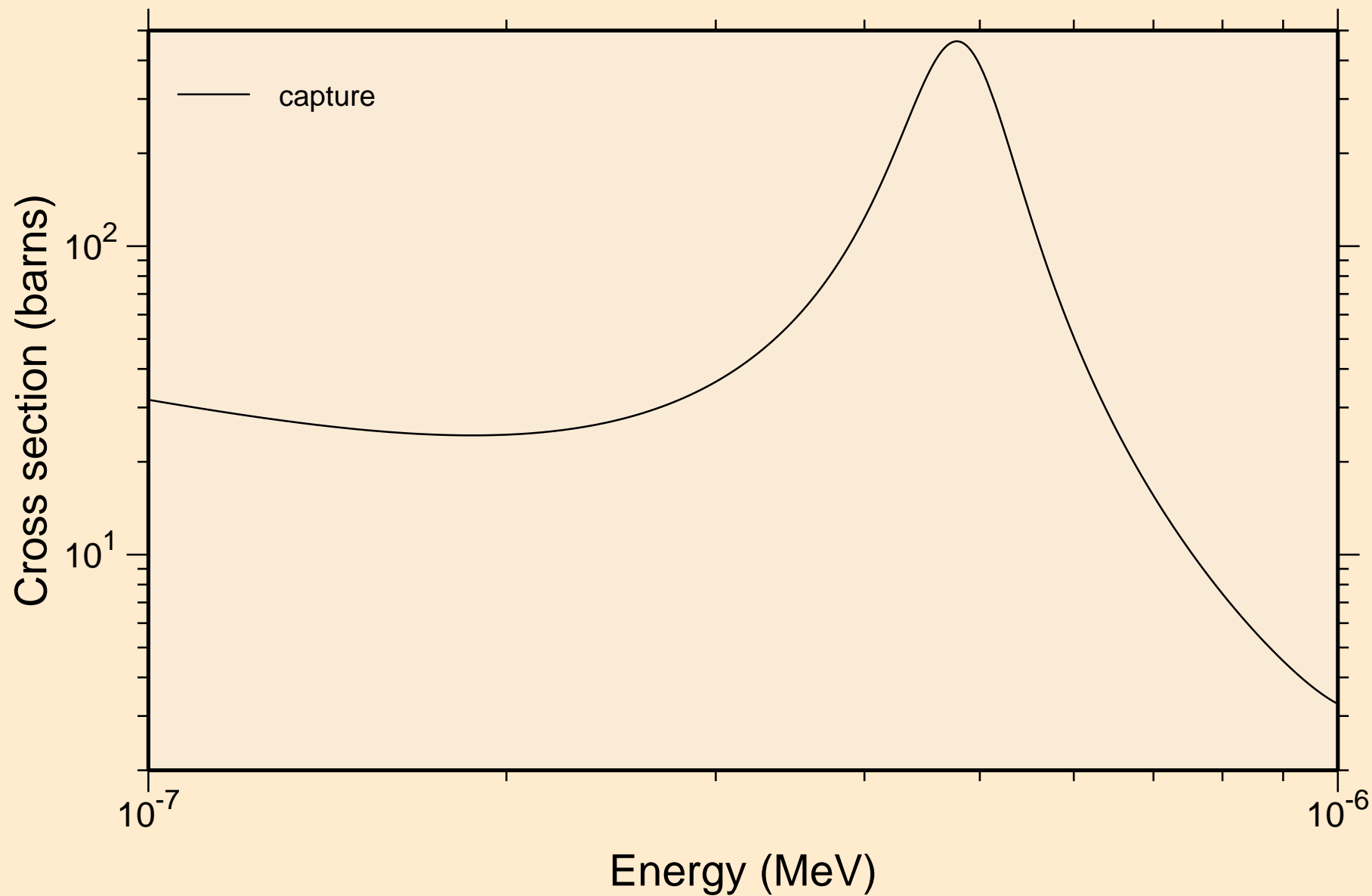
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resonance total cross section



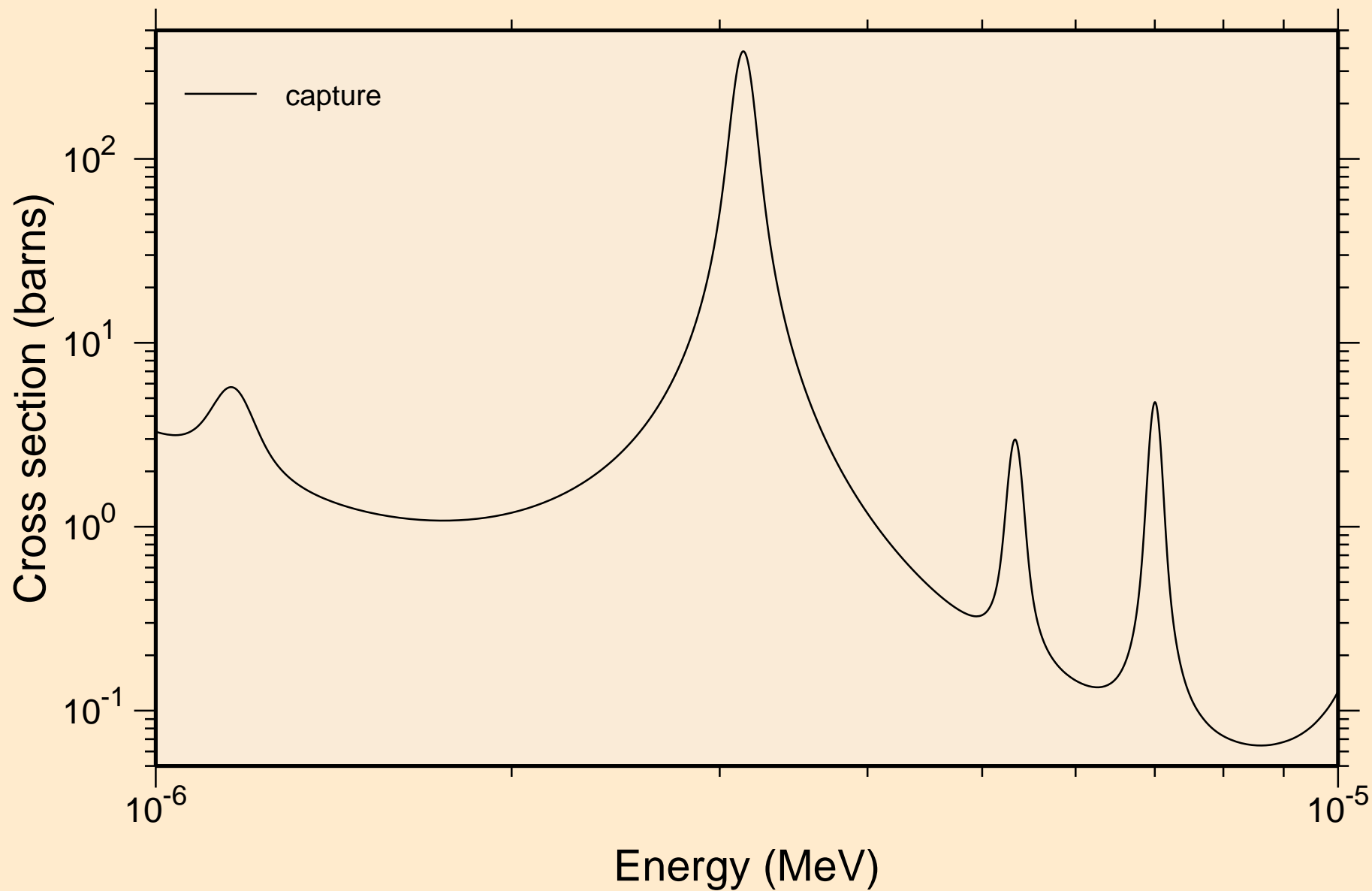
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resonance total cross section



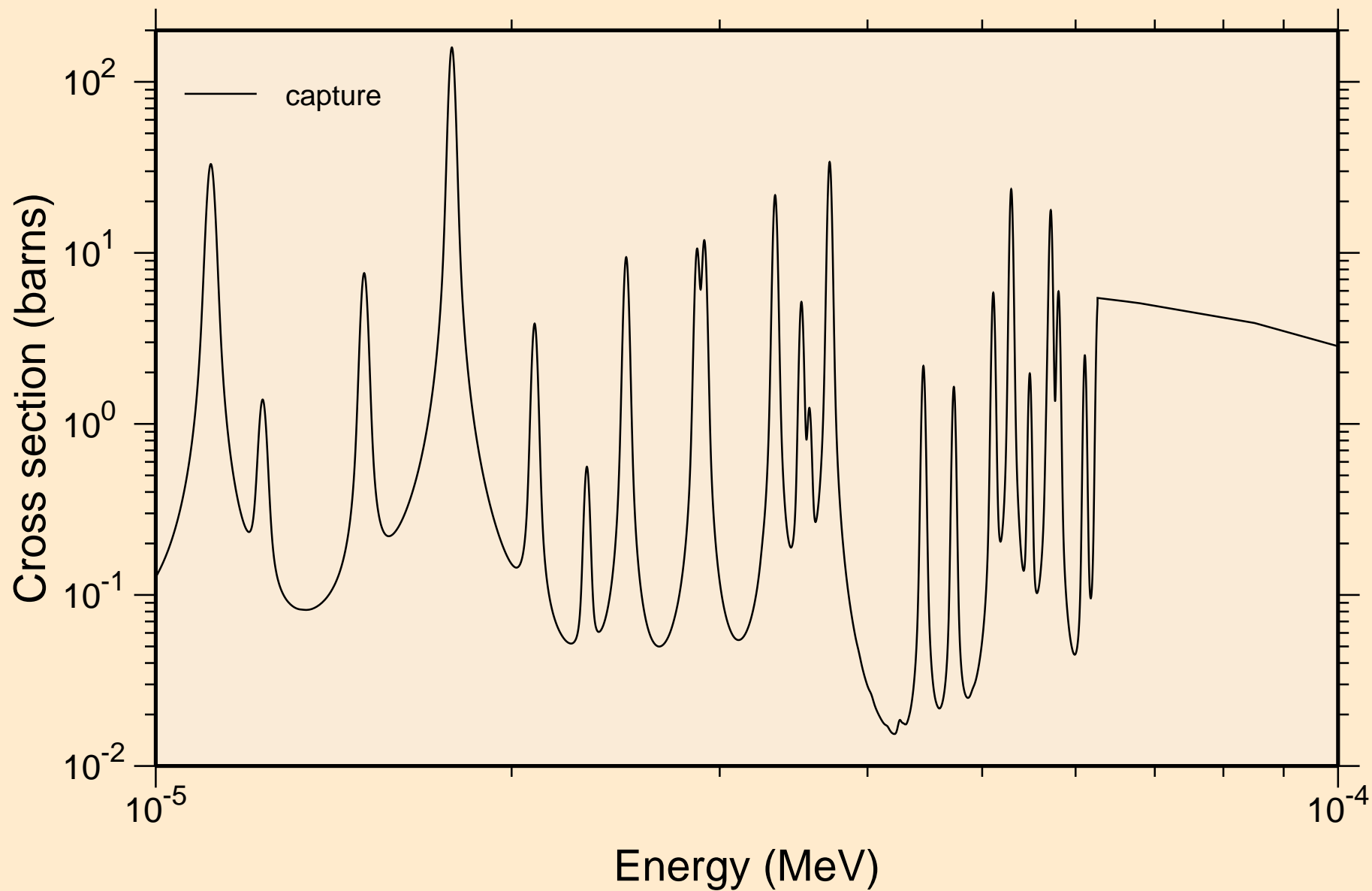
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

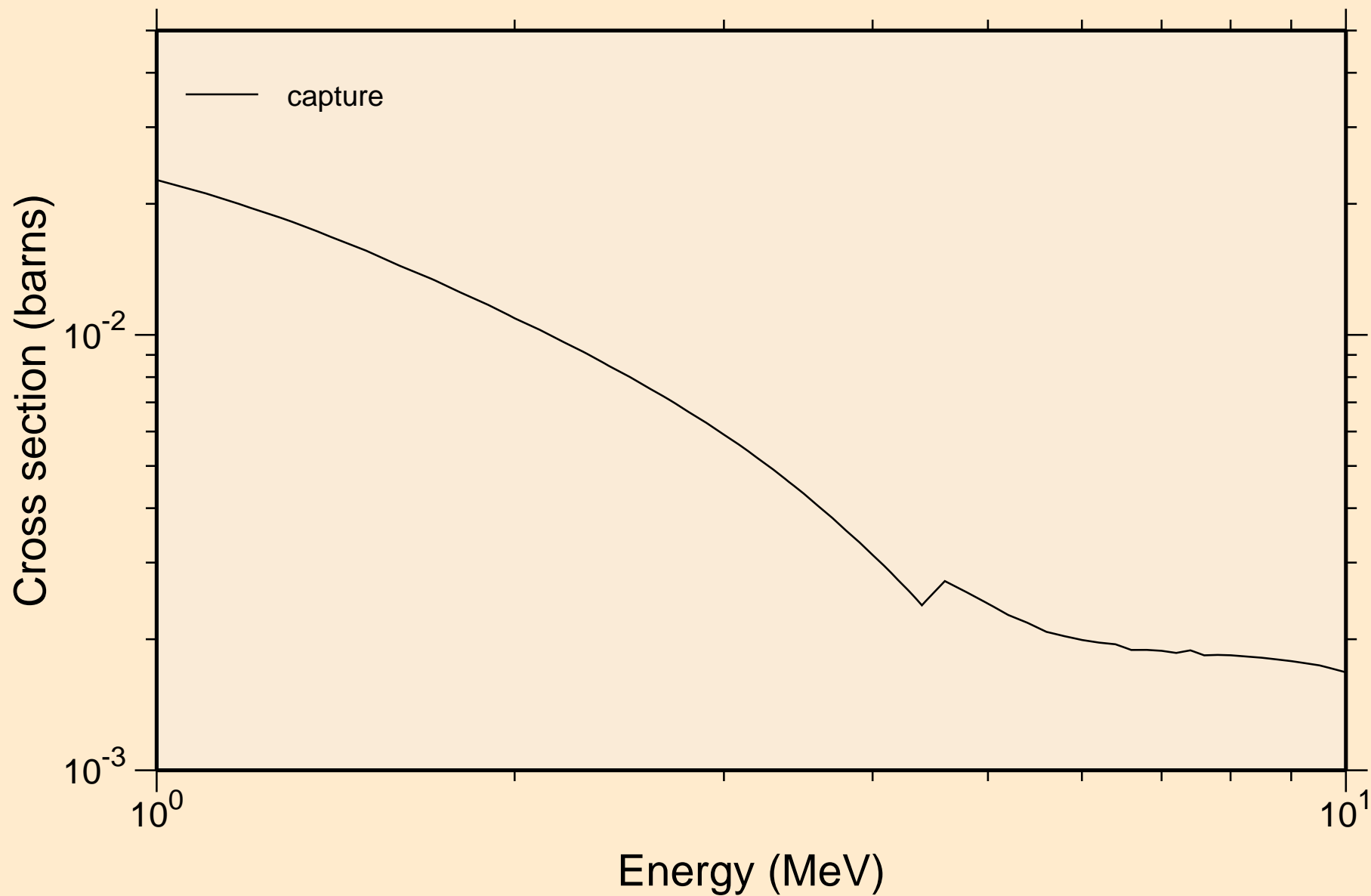


SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

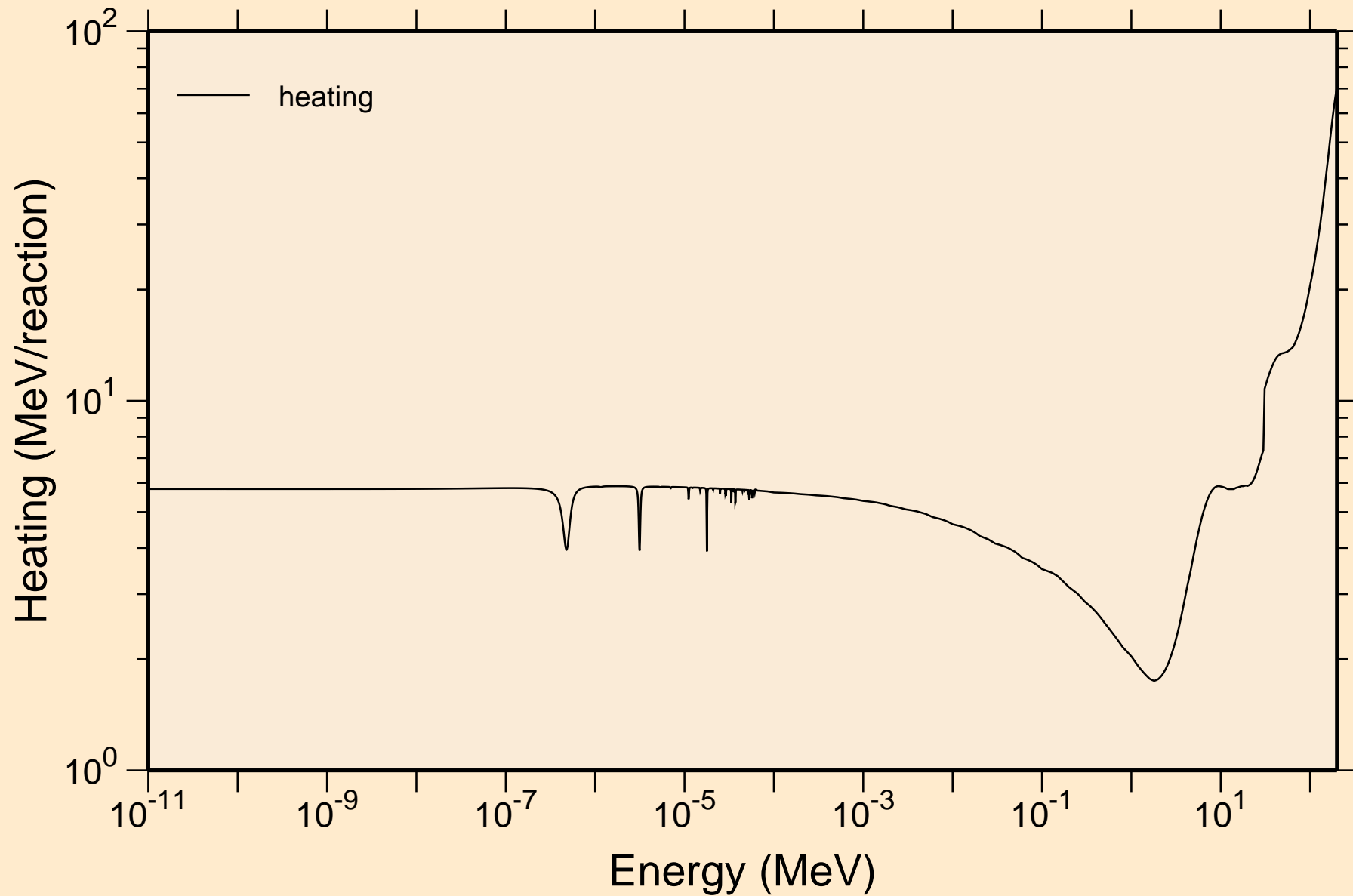




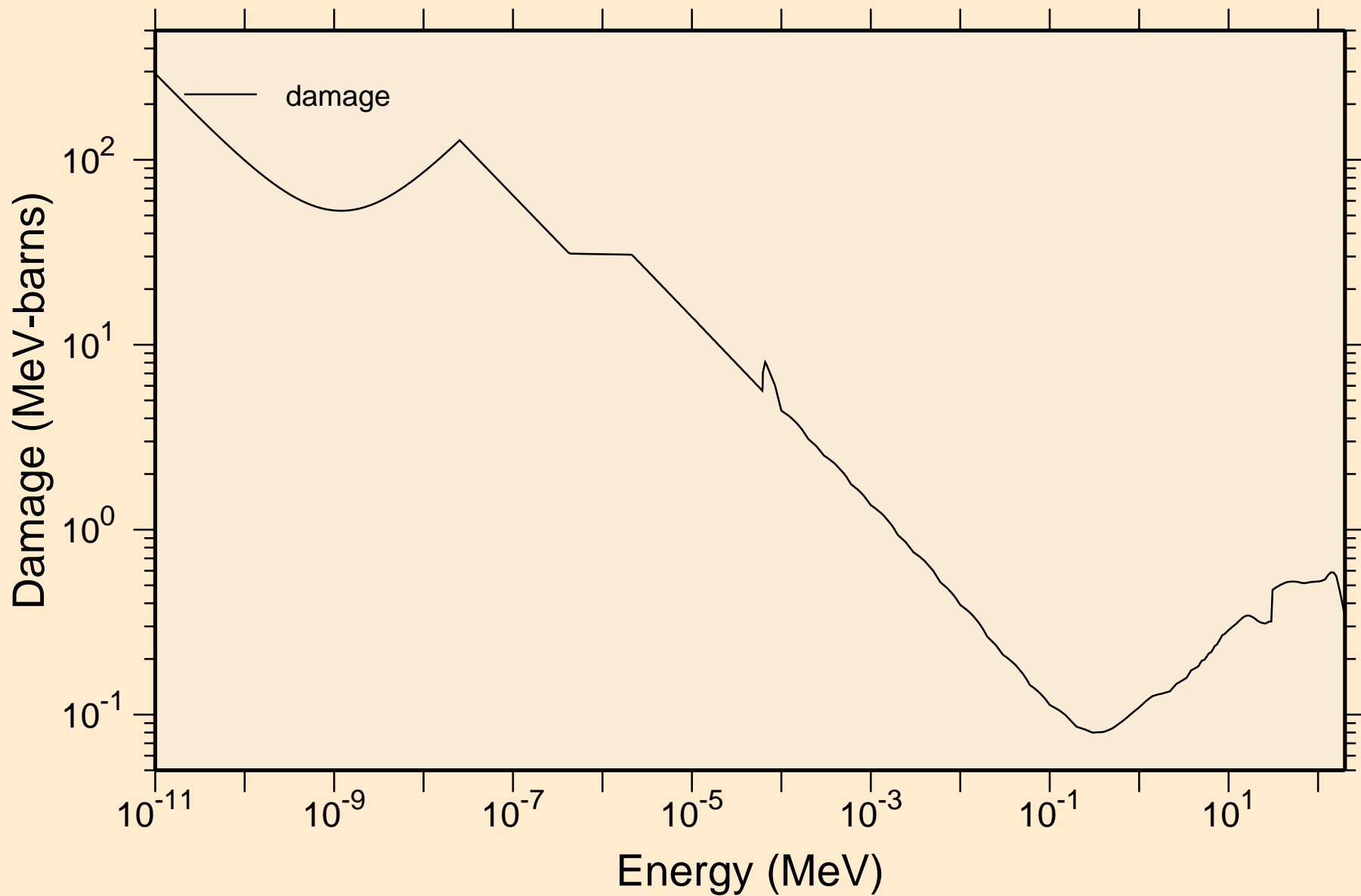
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resonance absorption cross sections



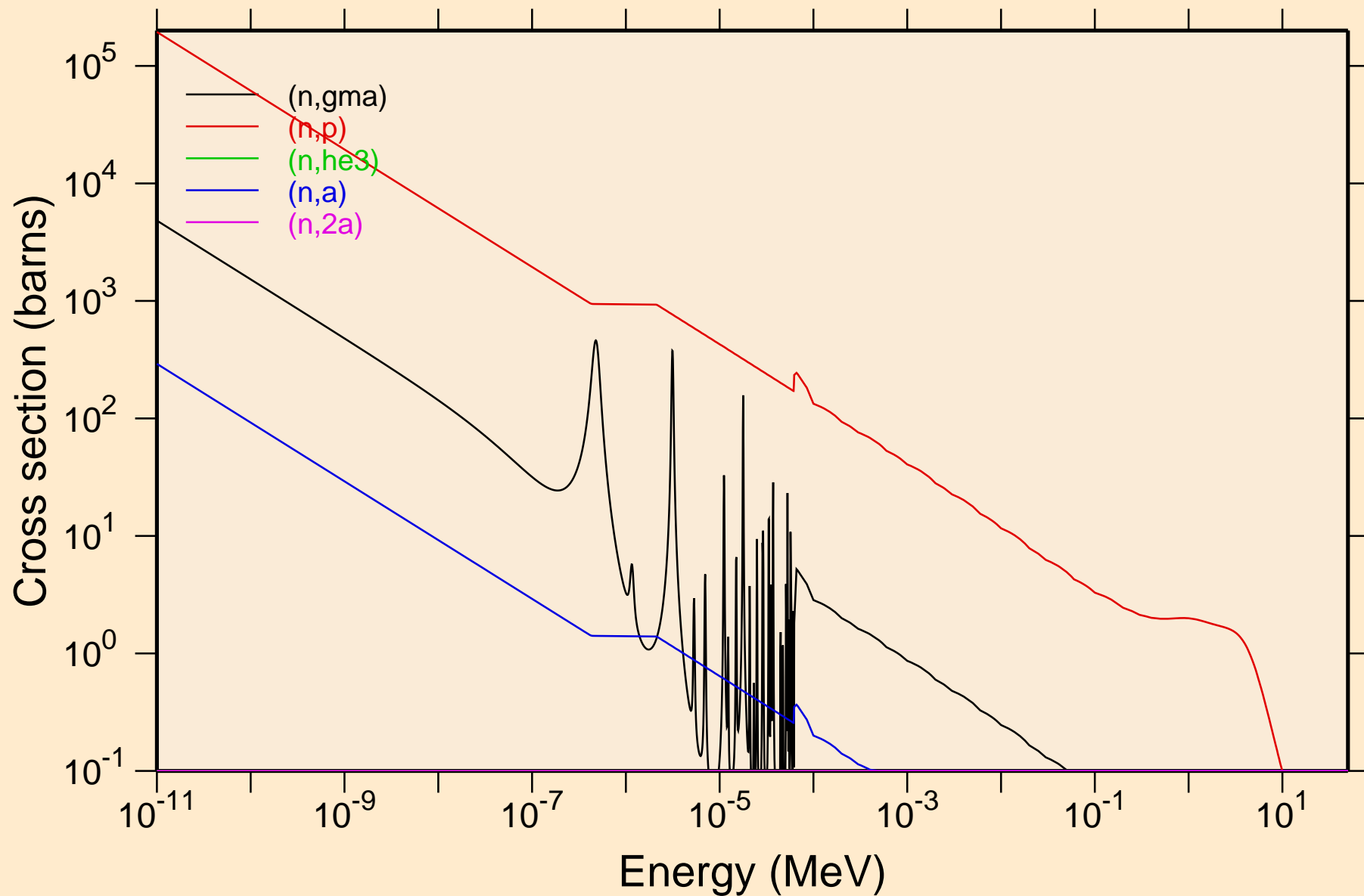
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

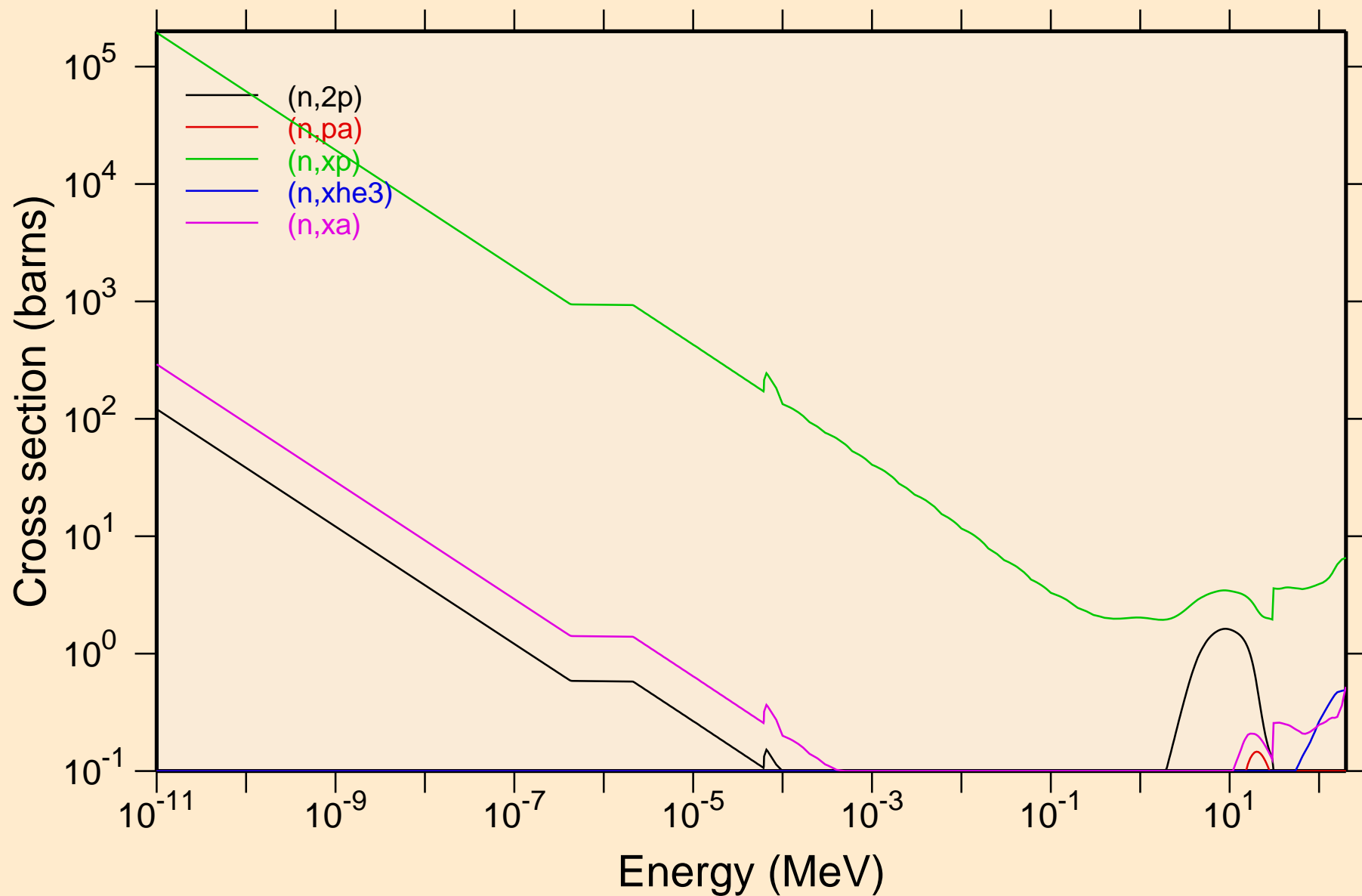


SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

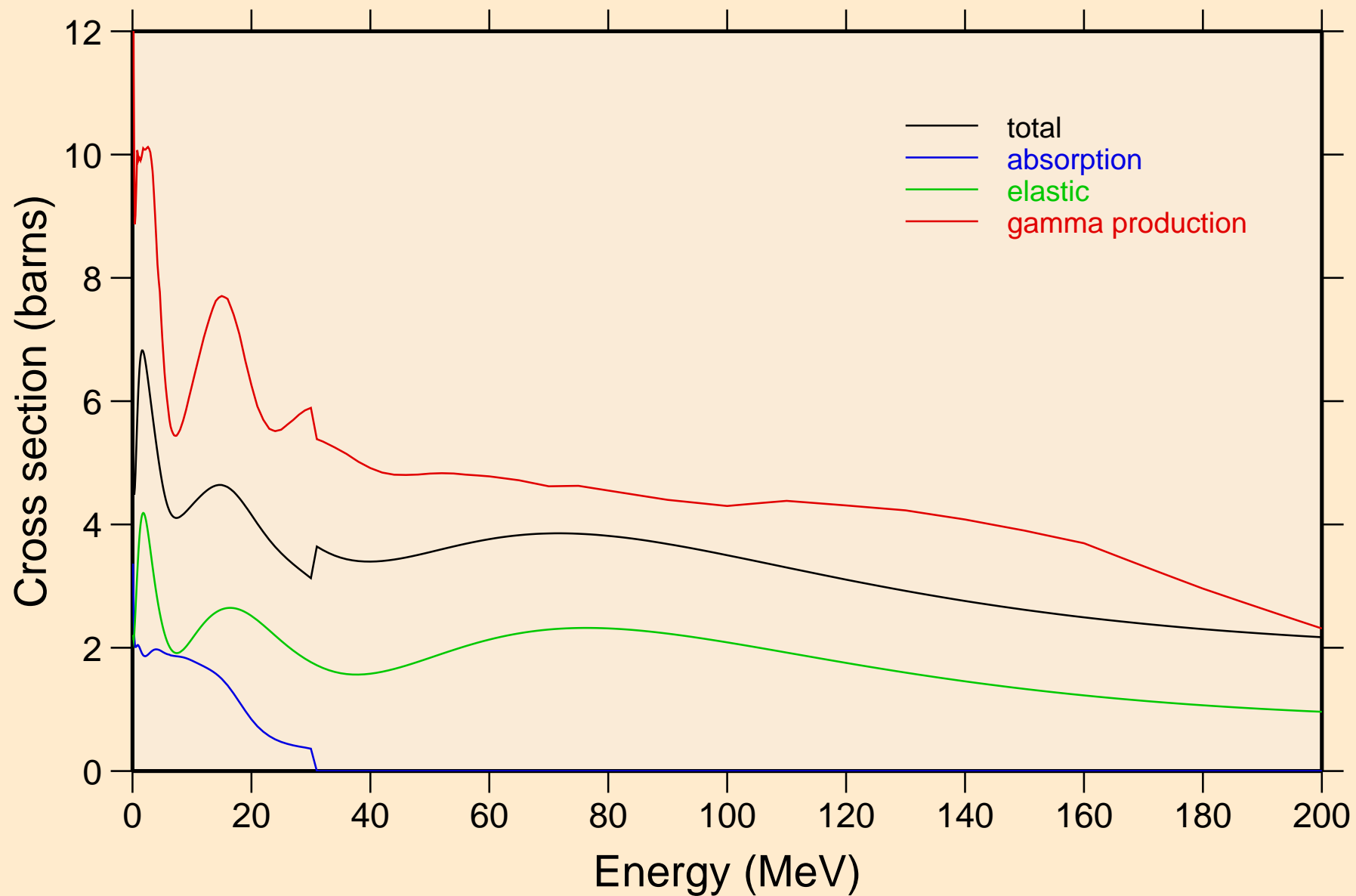


# SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

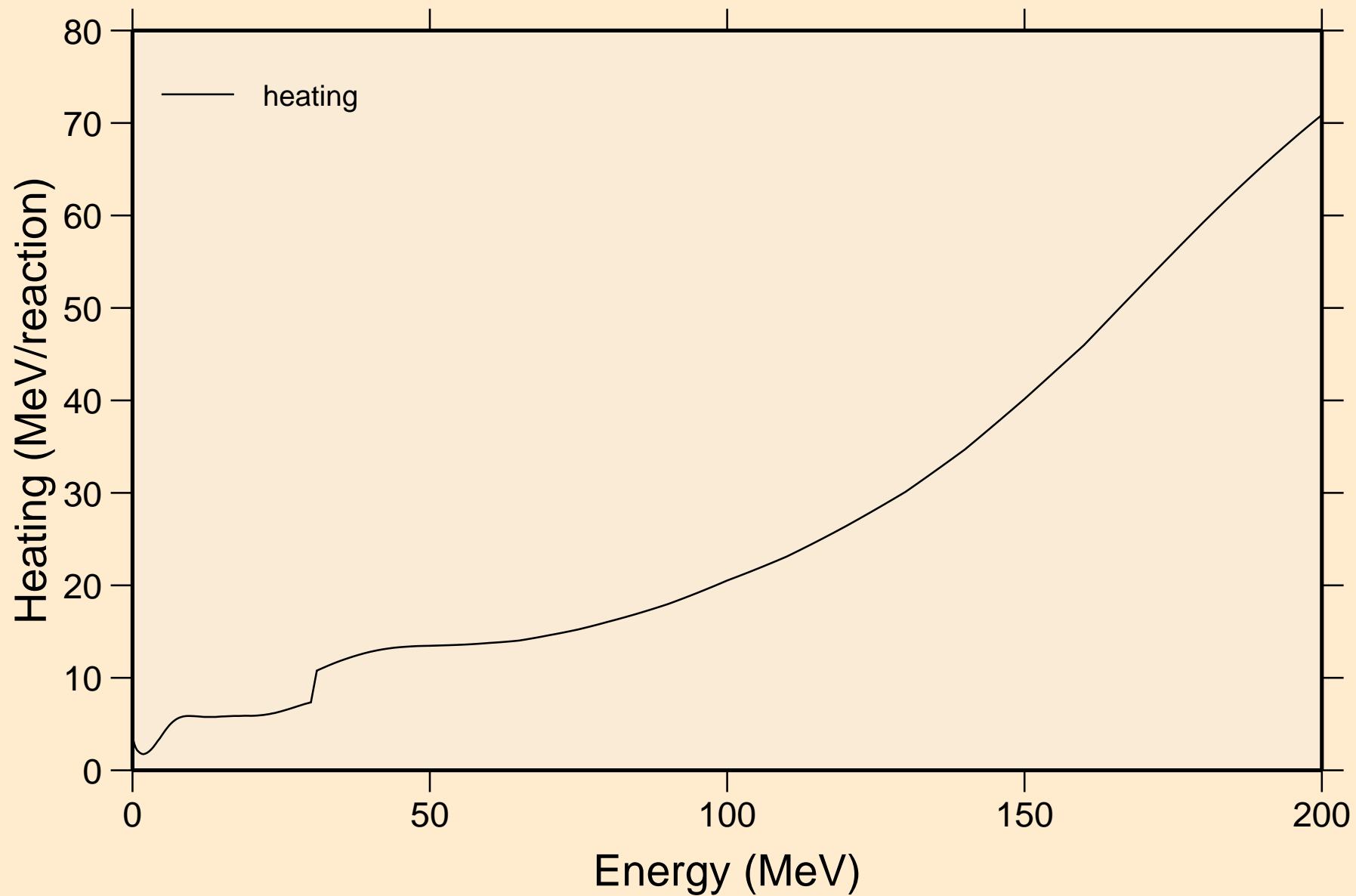
## Non-threshold reactions



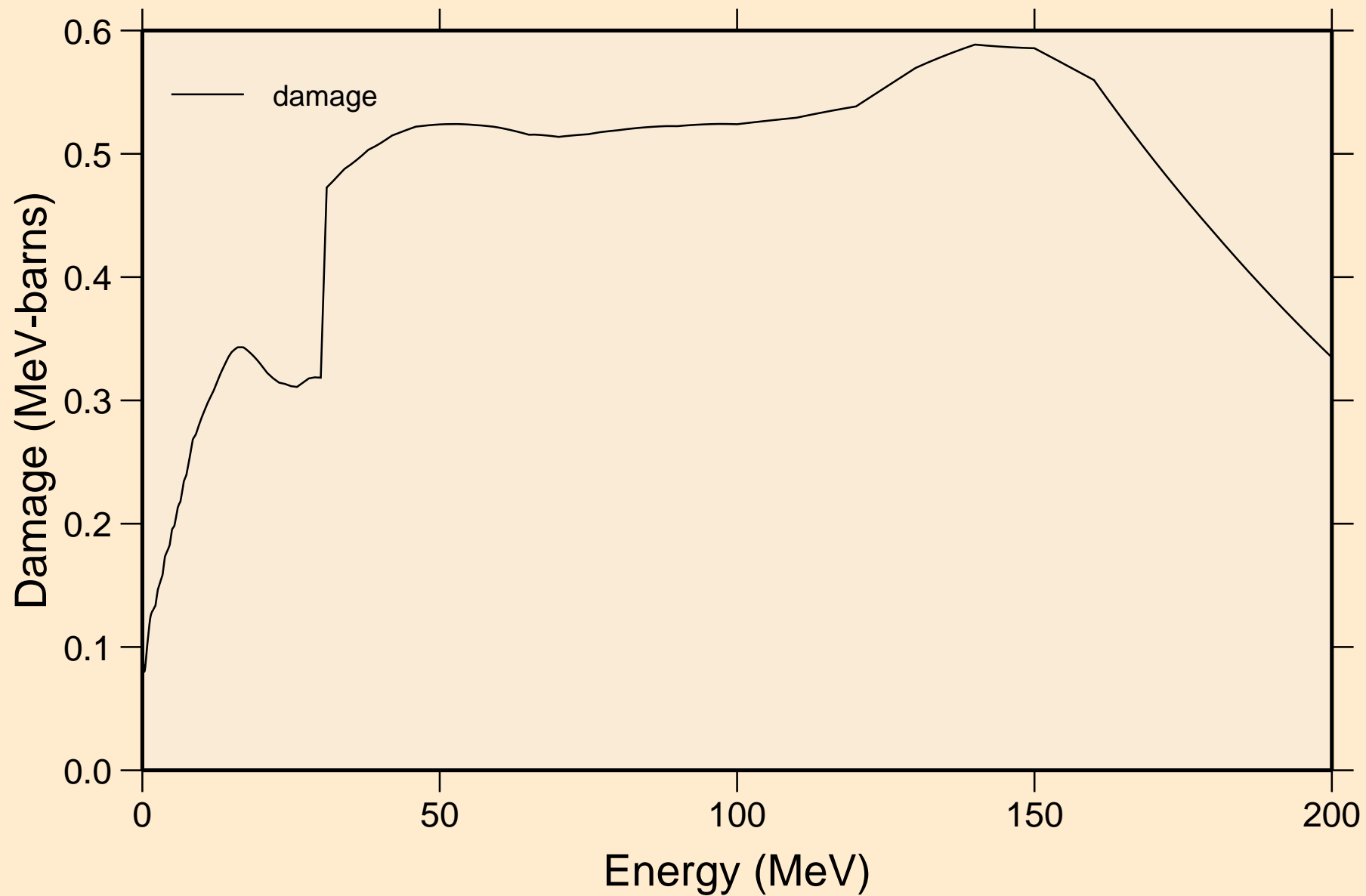
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

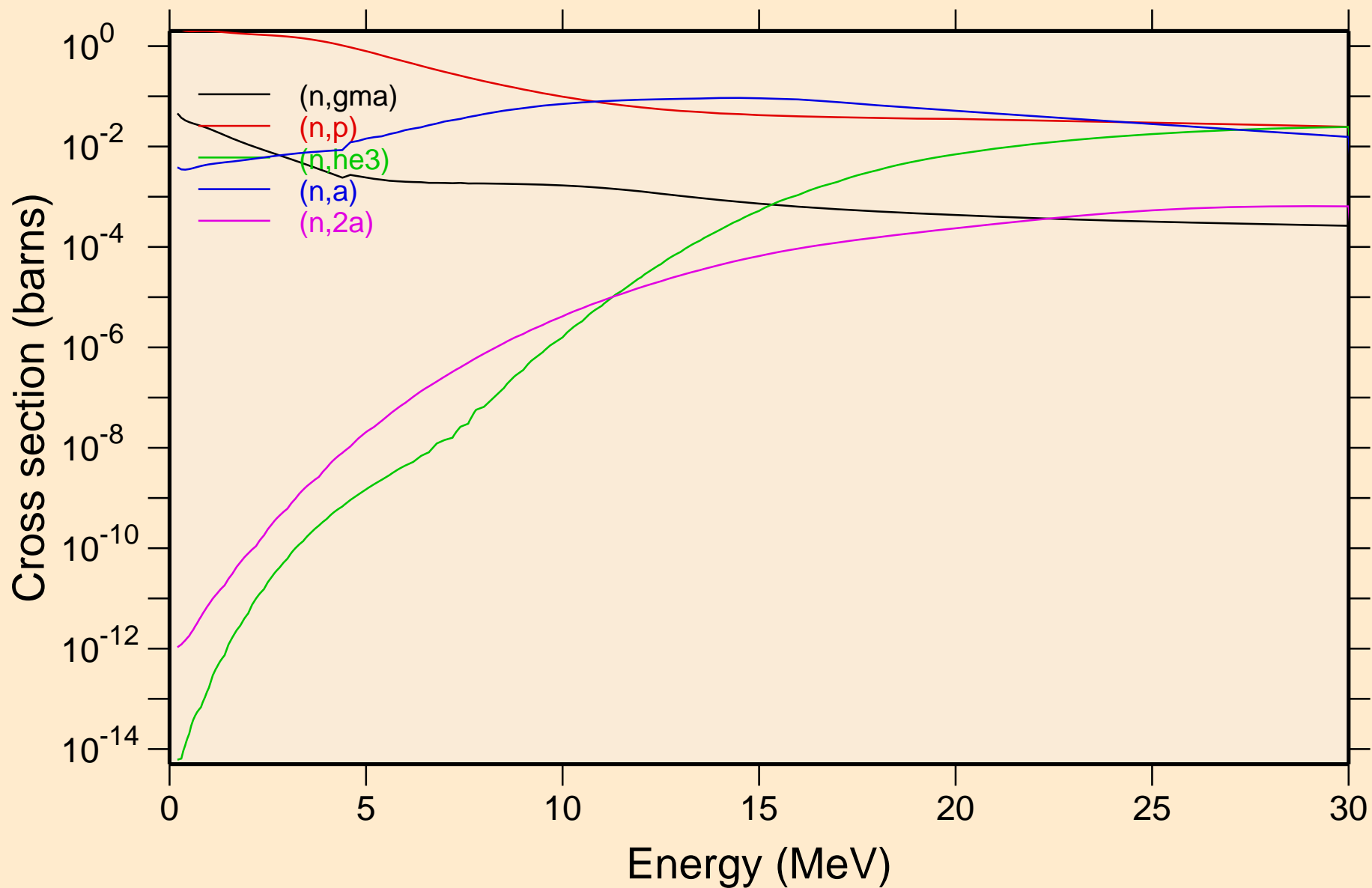


SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

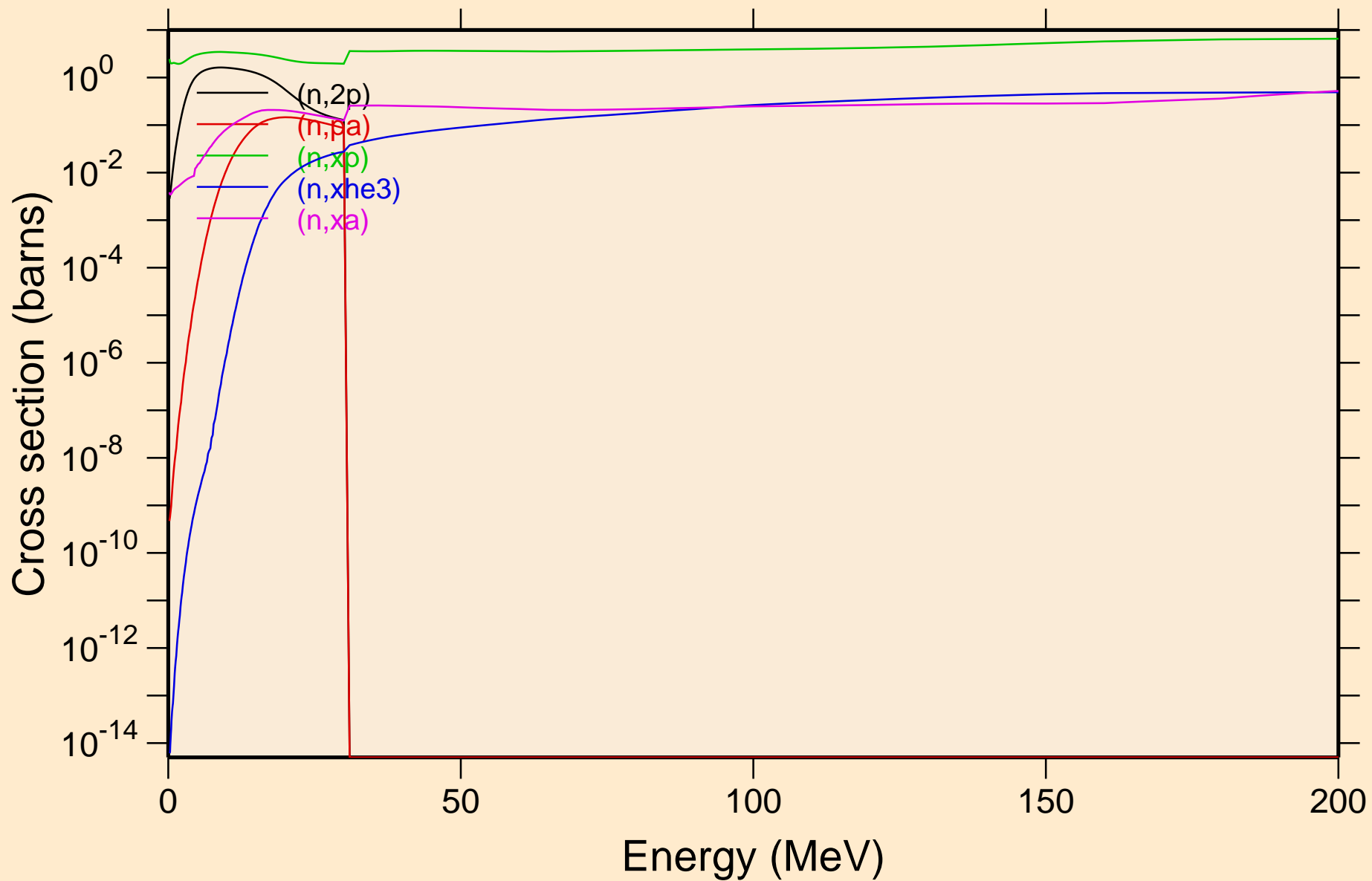




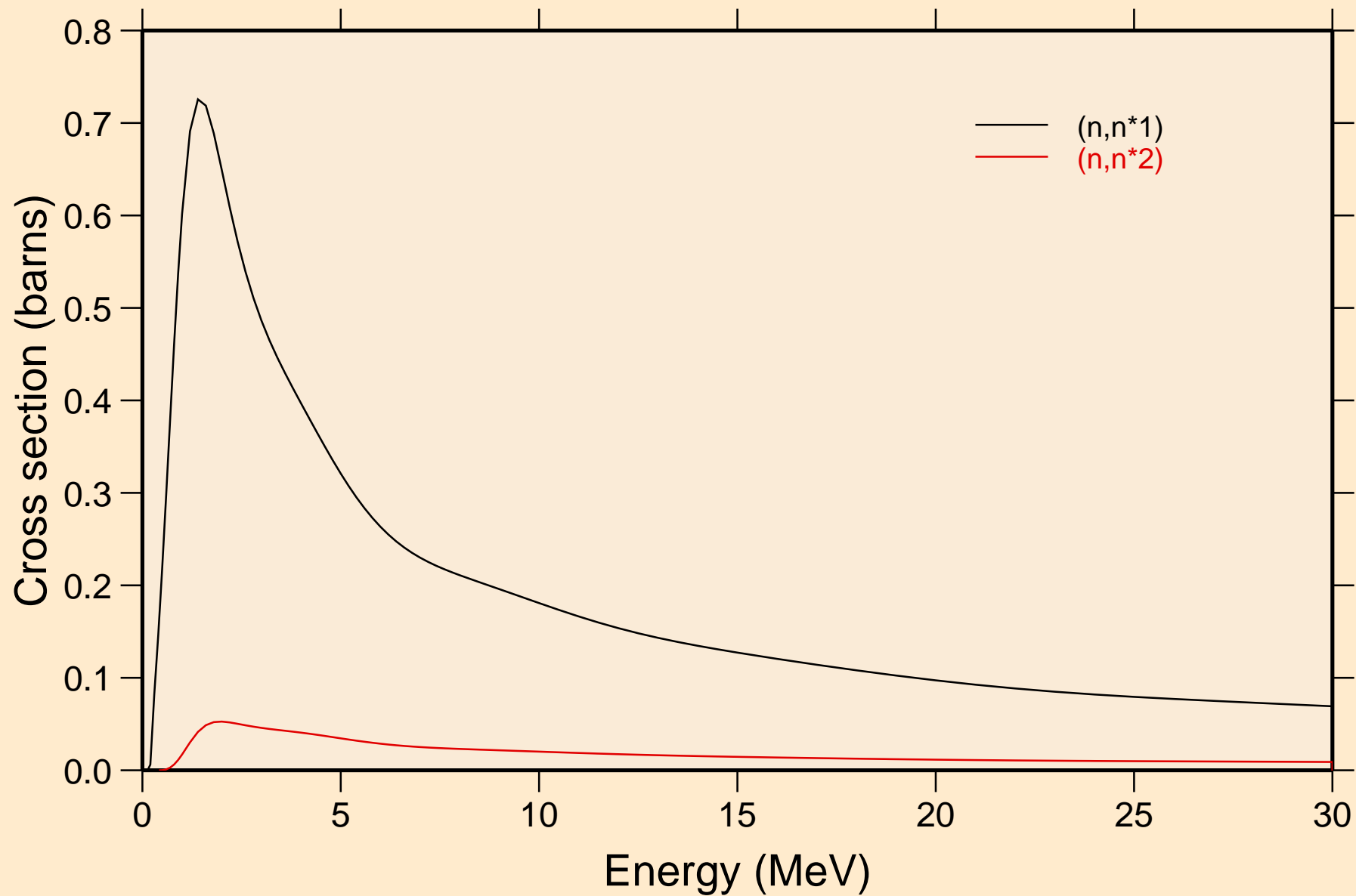
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



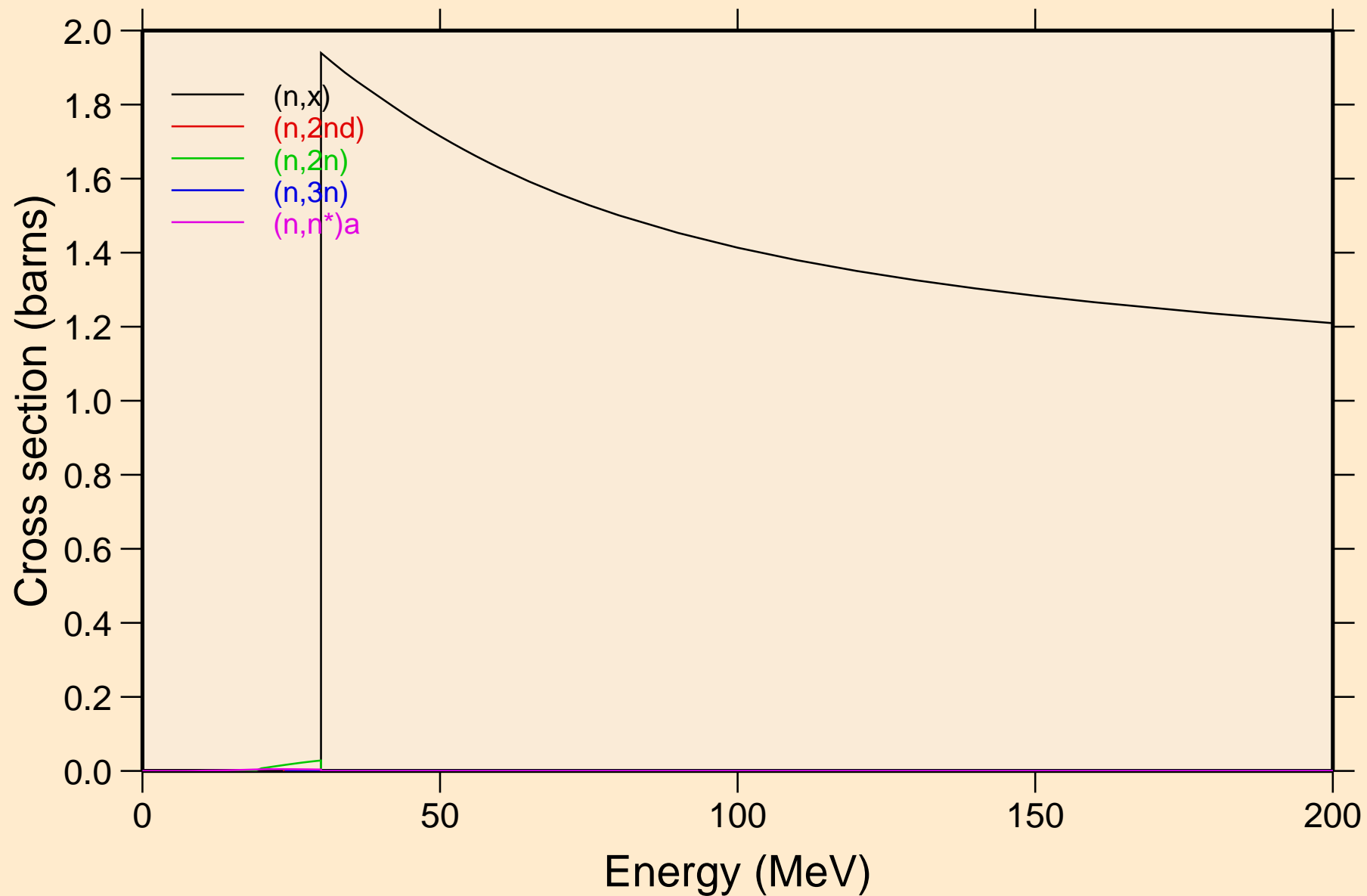
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Non-threshold reactions



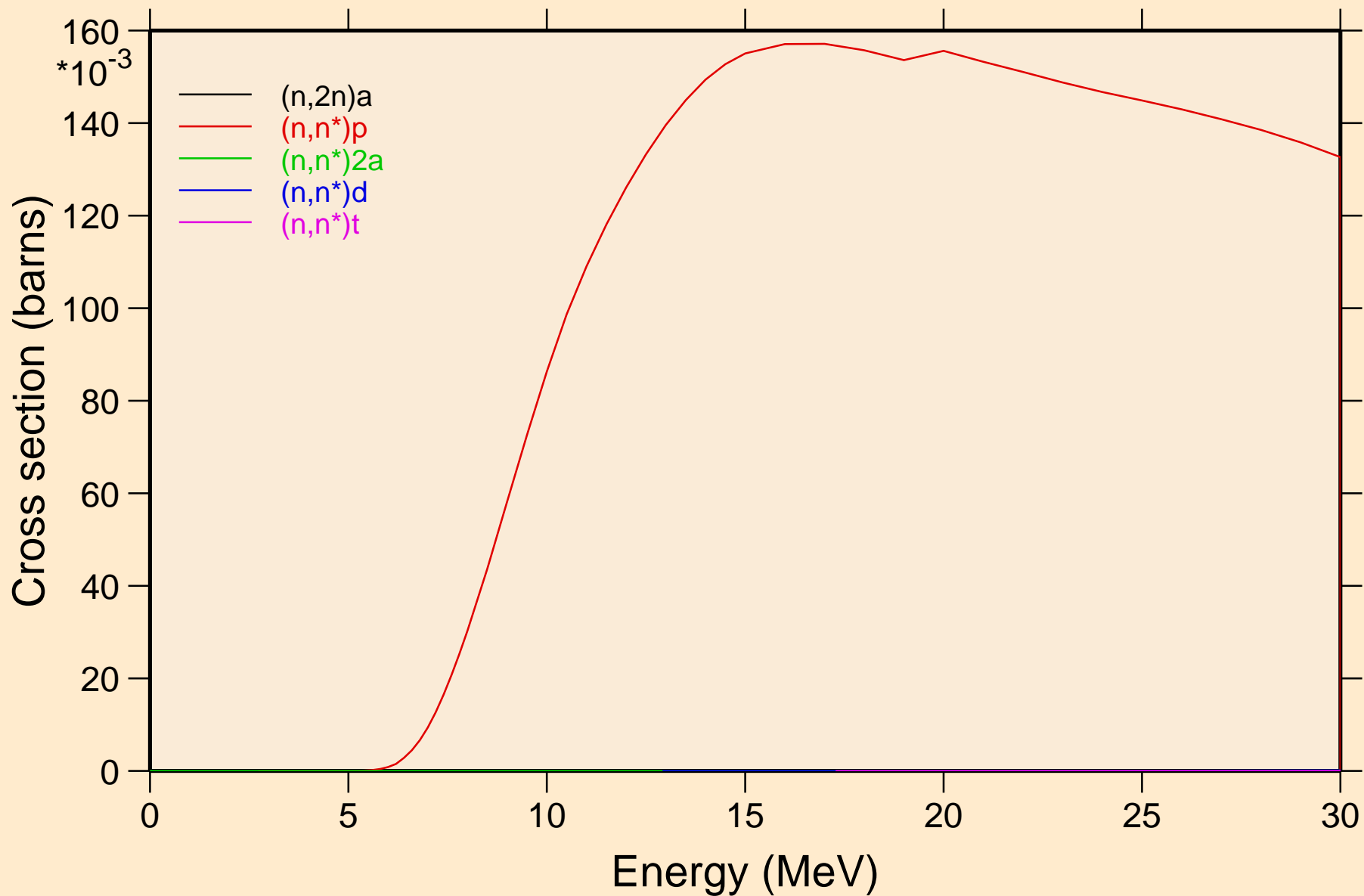
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



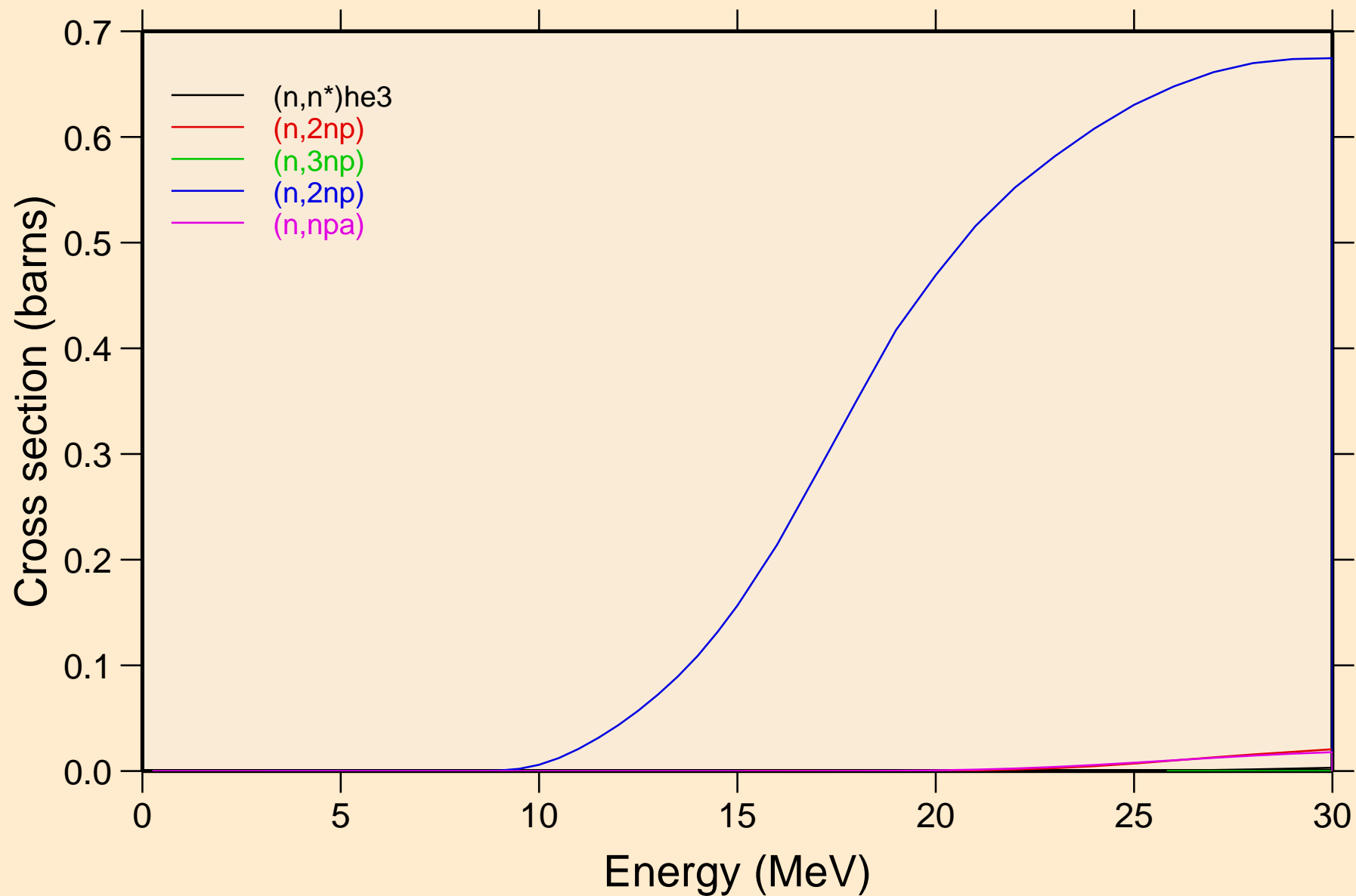
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



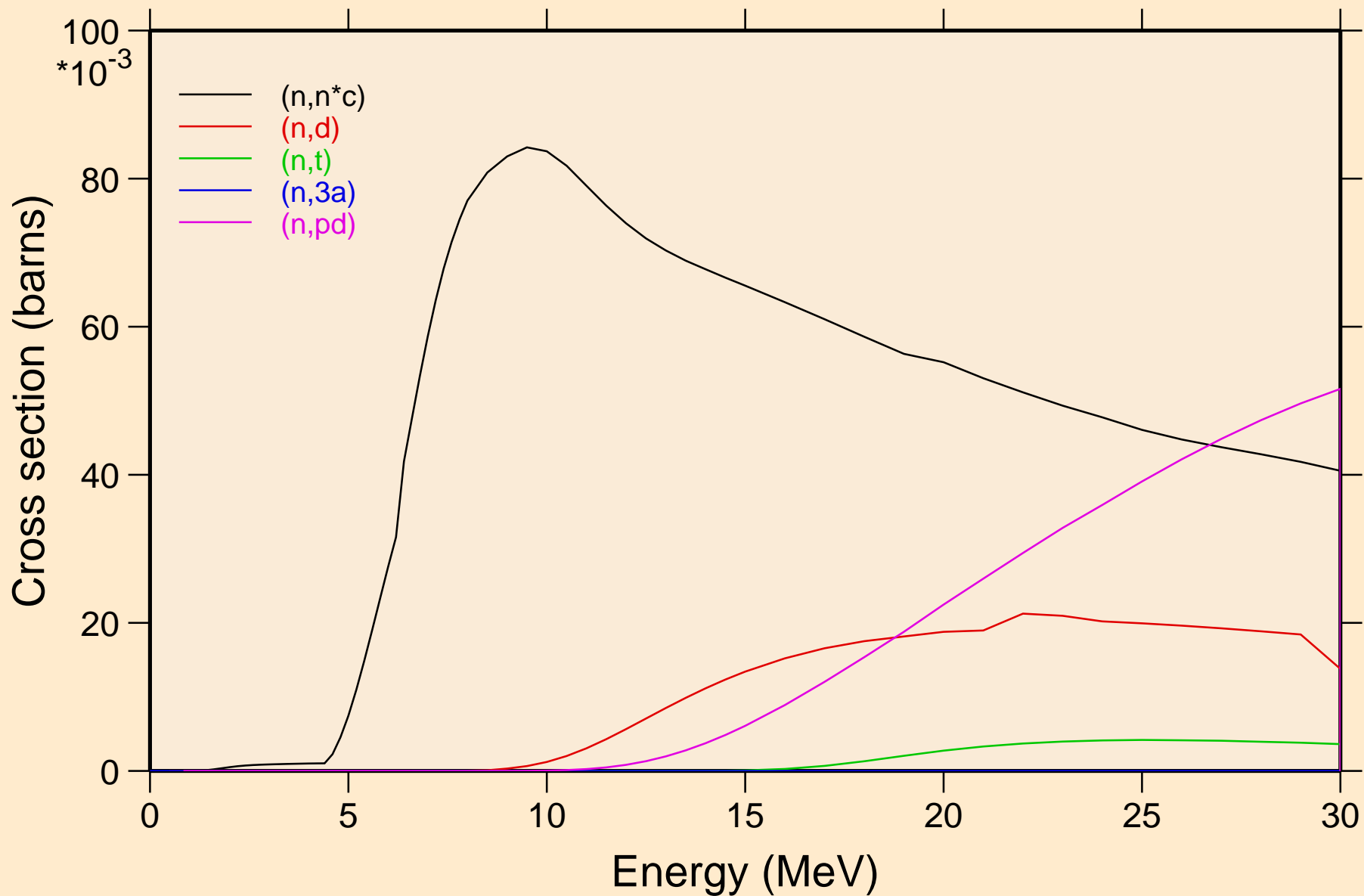
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



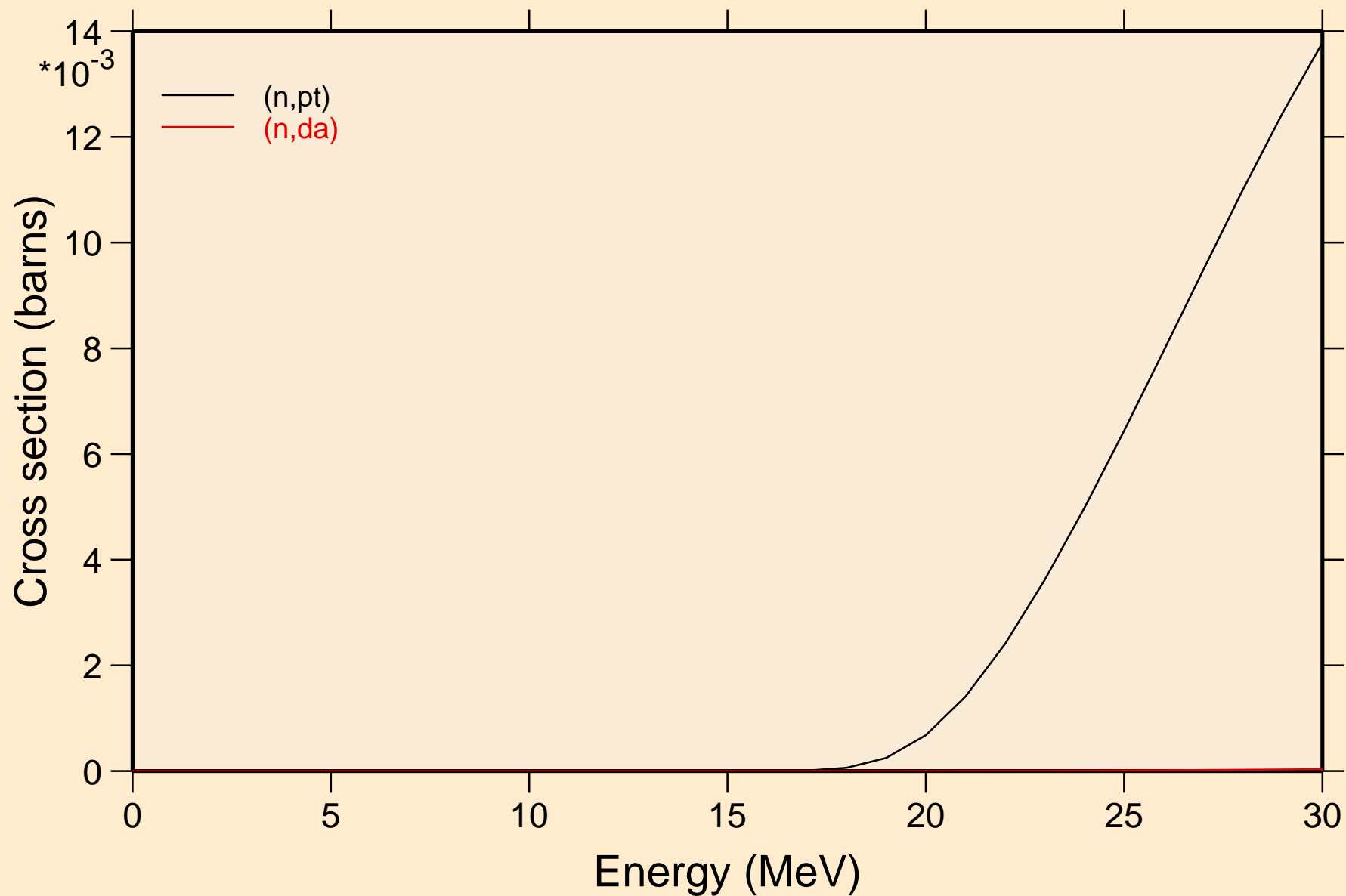
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

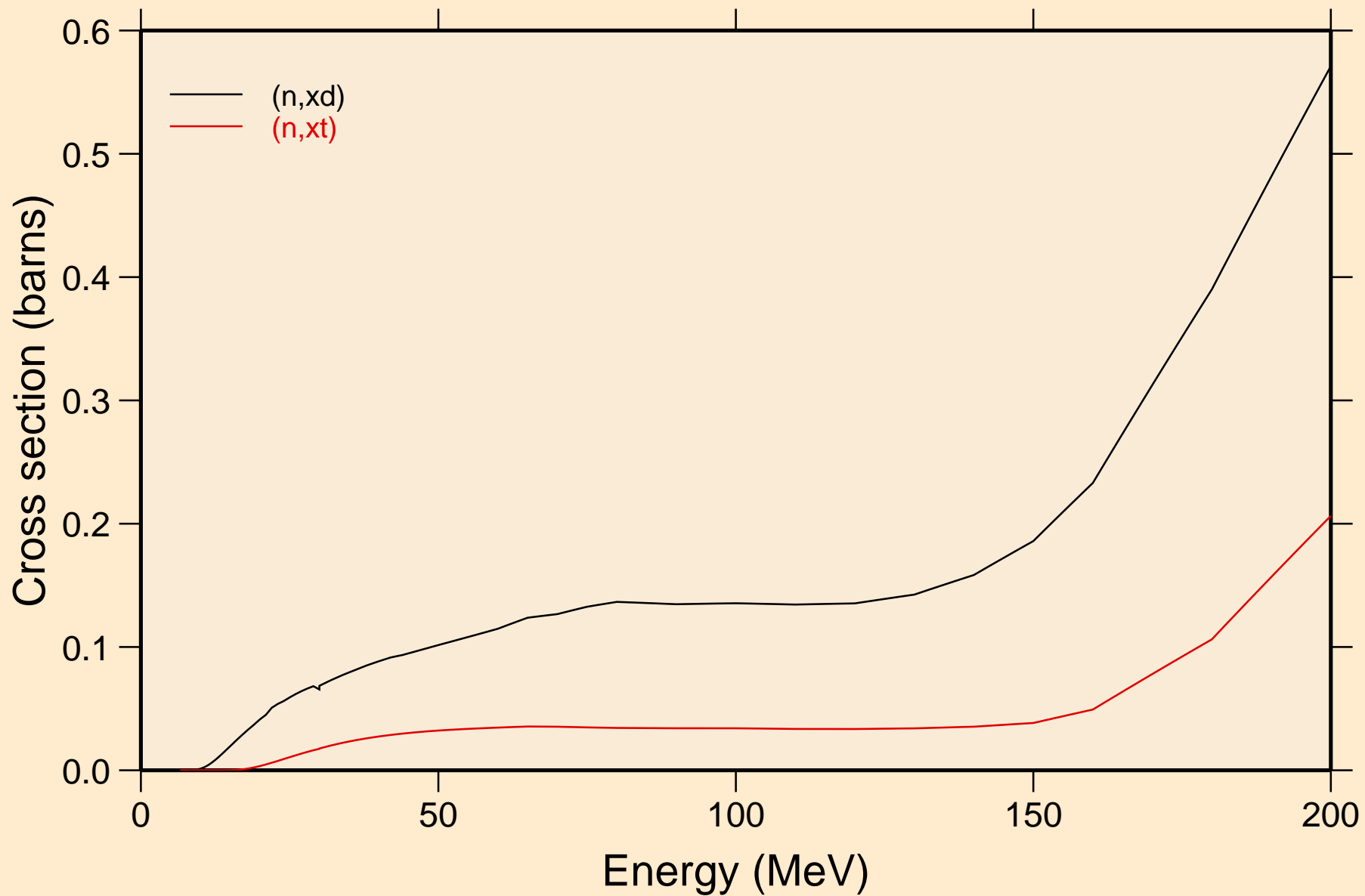


SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

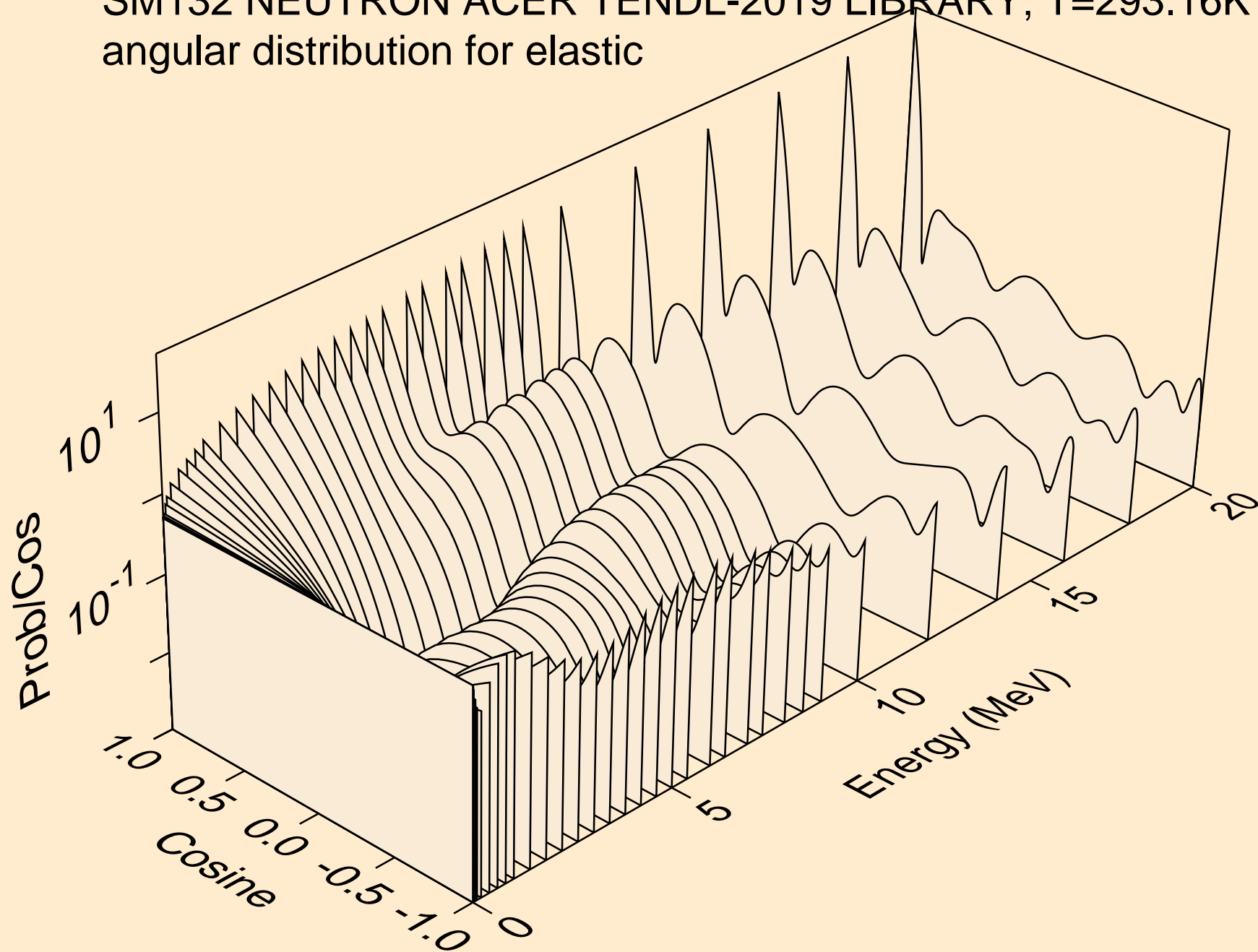




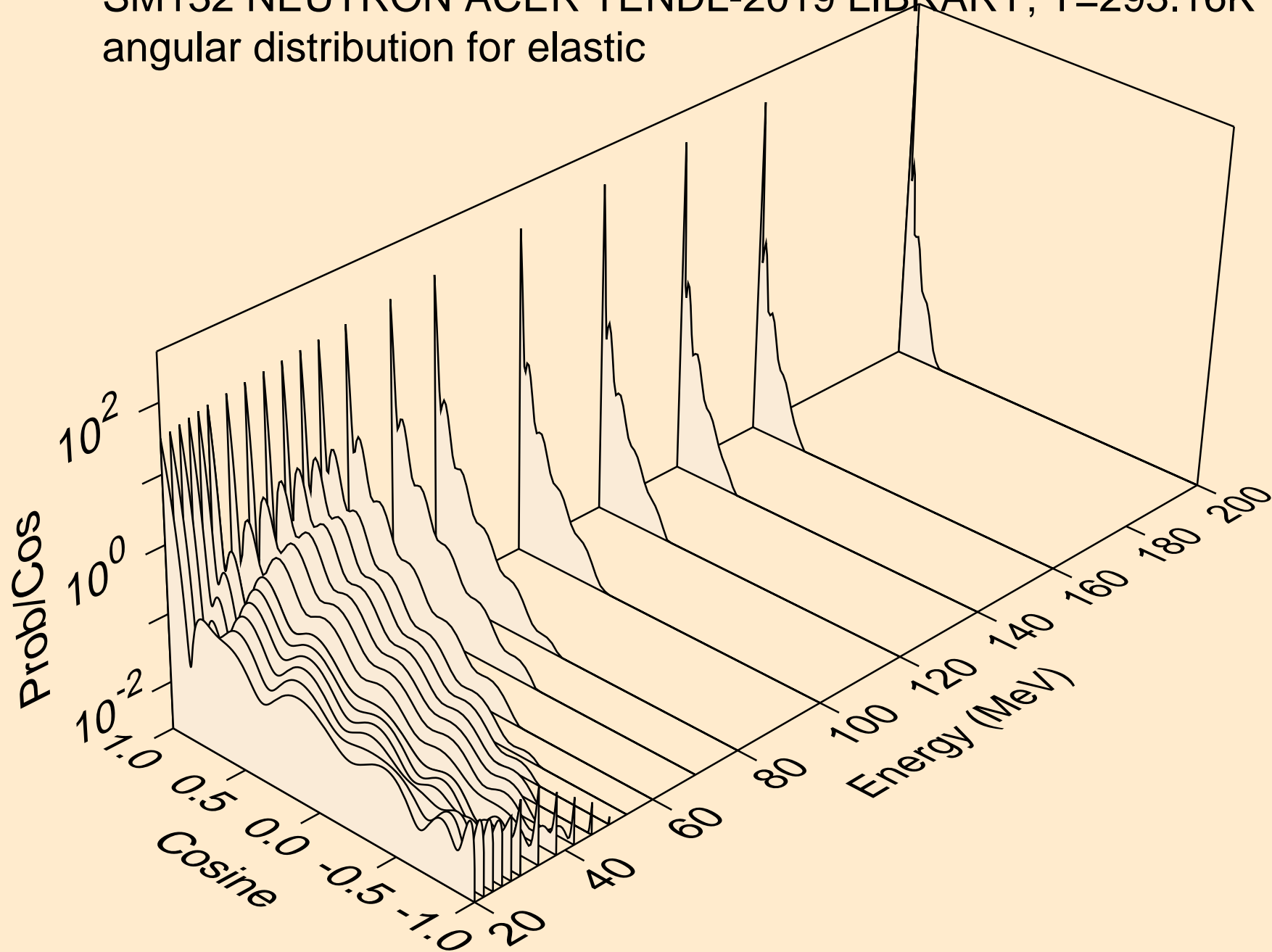
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



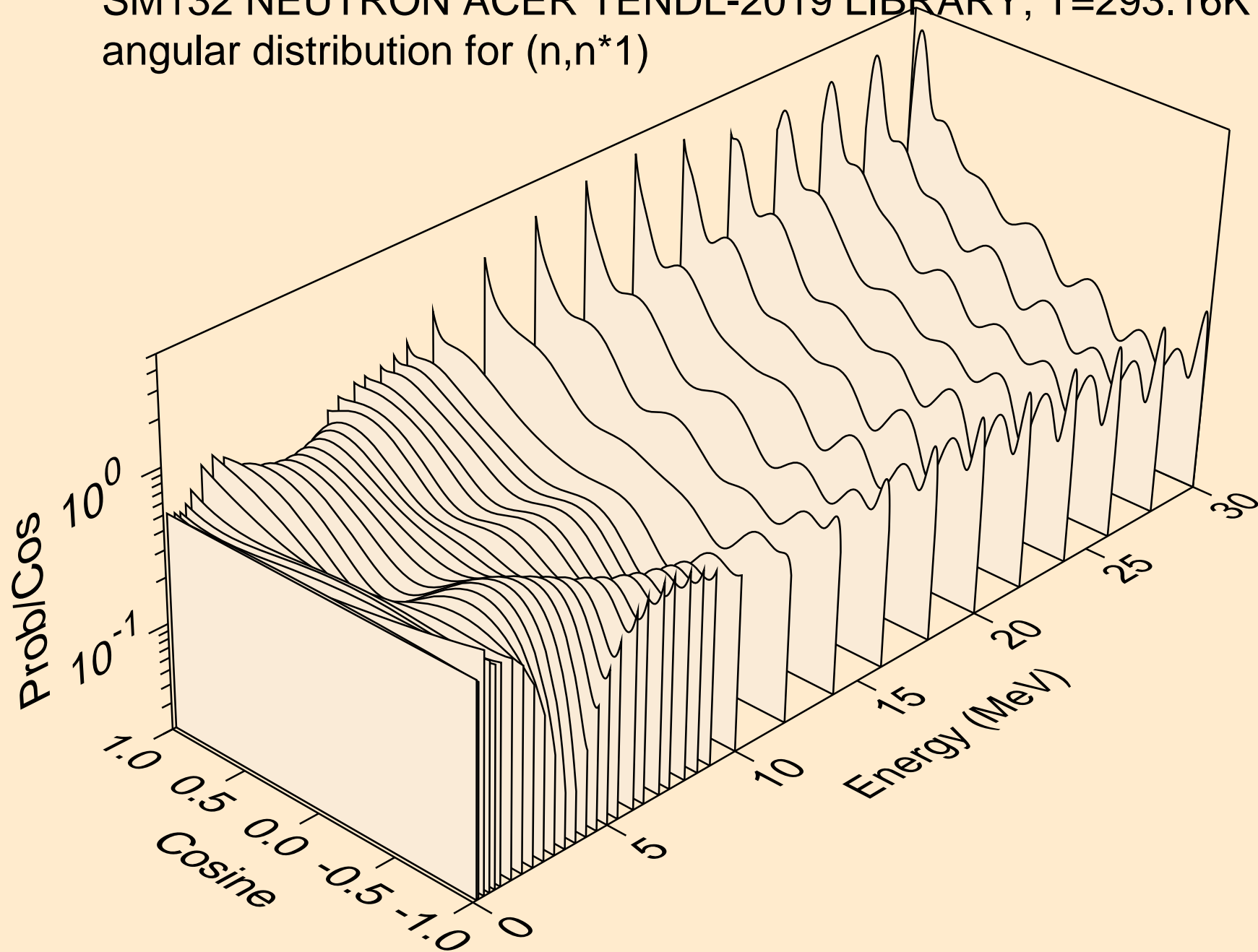
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



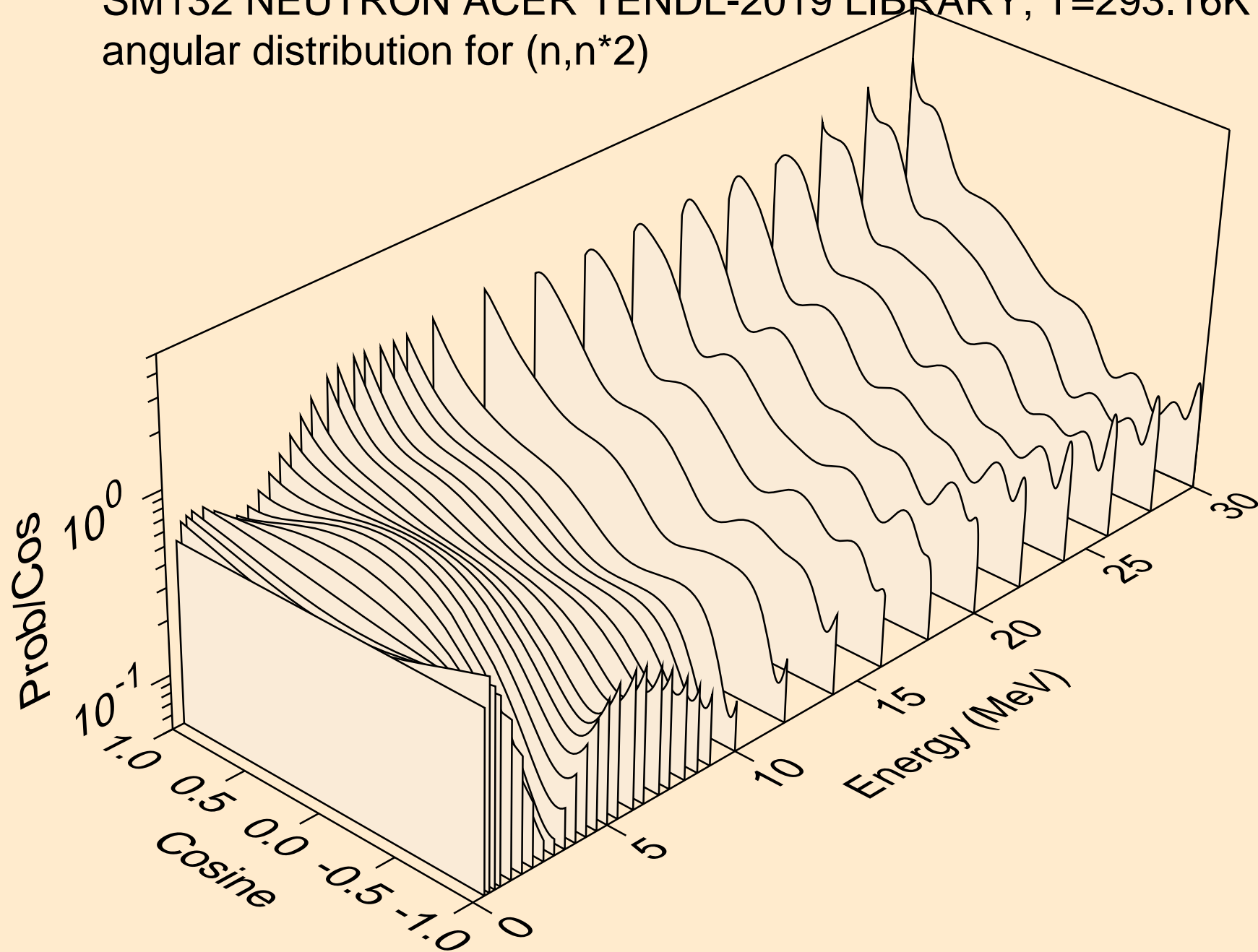
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



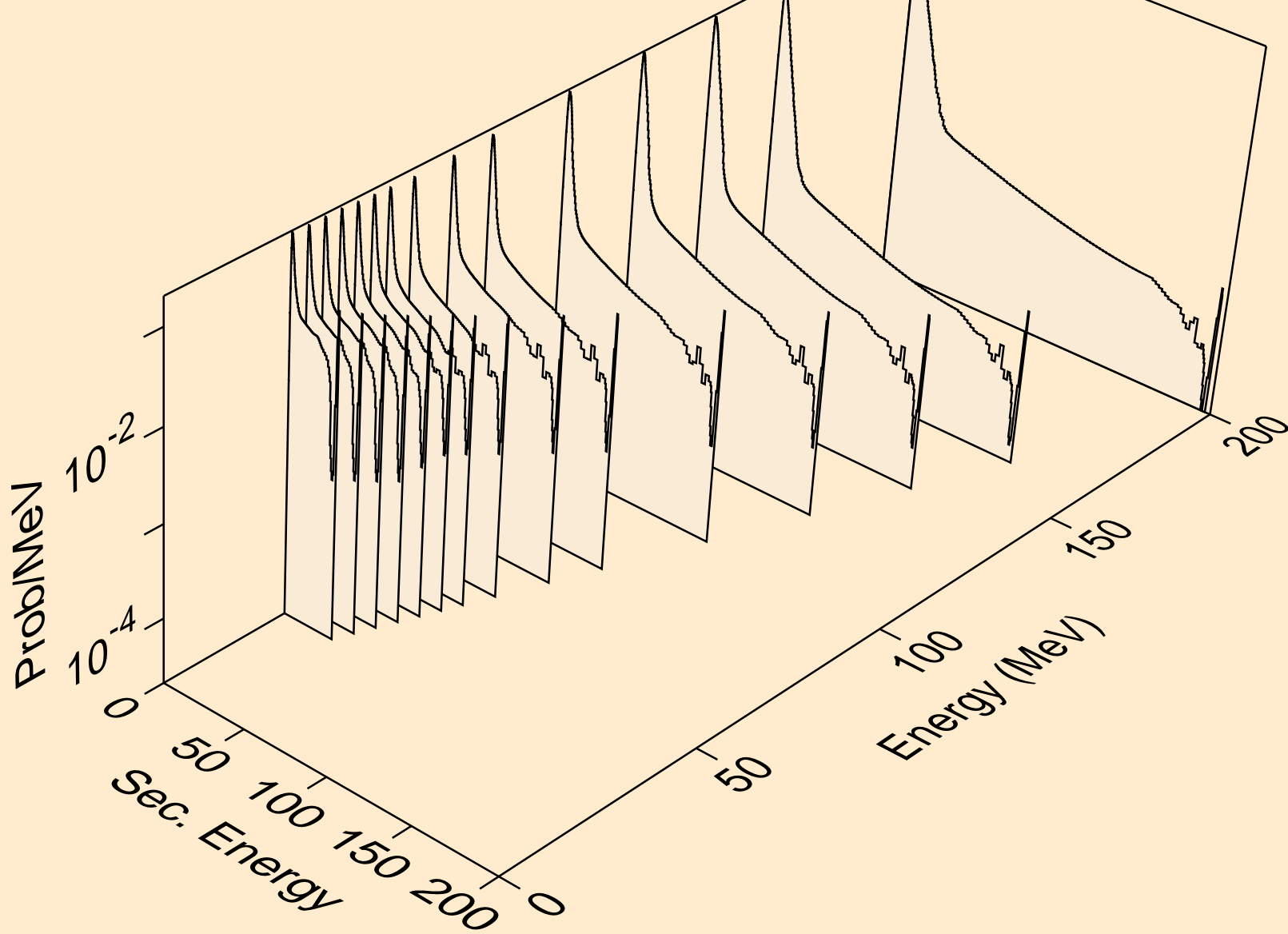
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



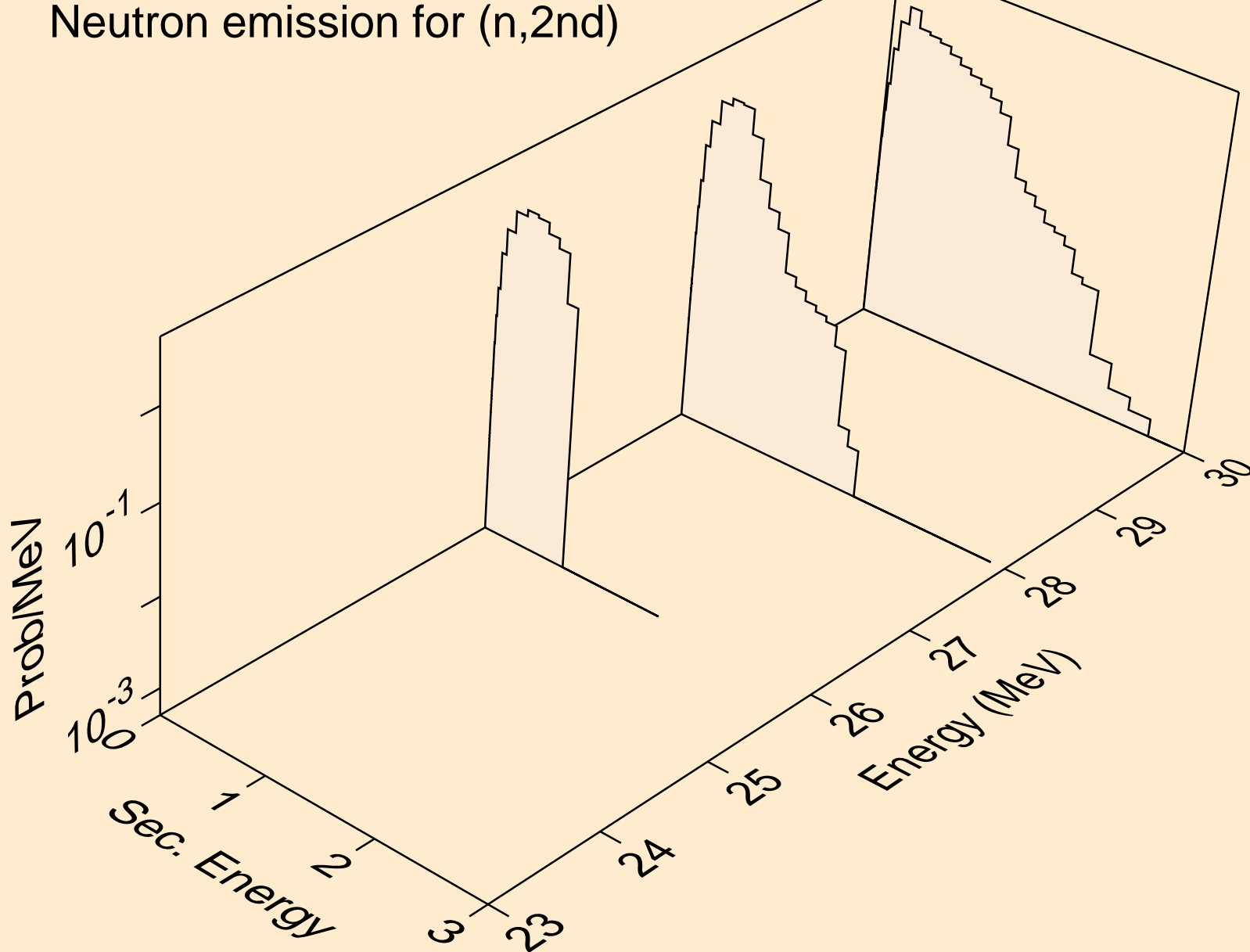
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angular distribution for (n,n\*2)



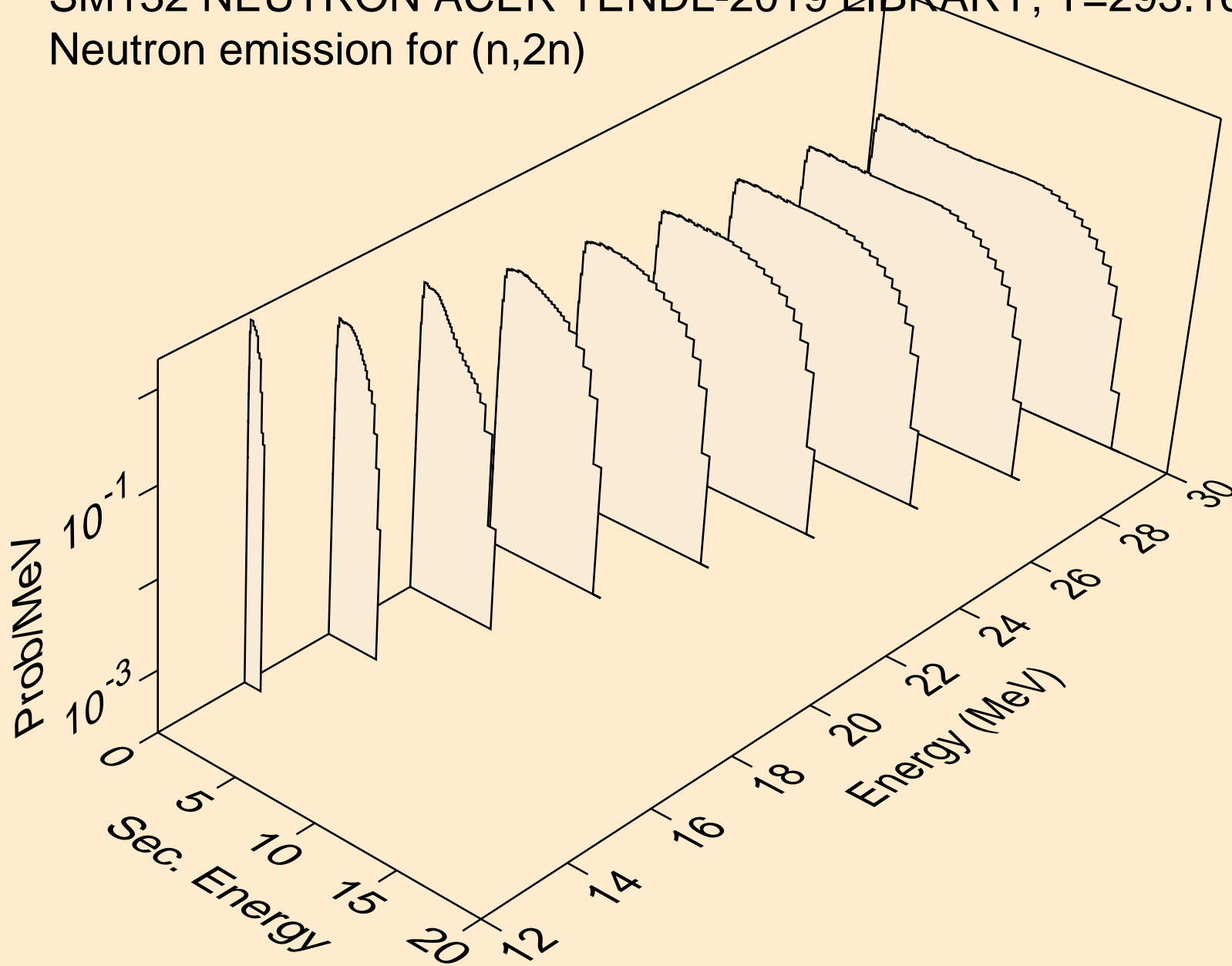
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)

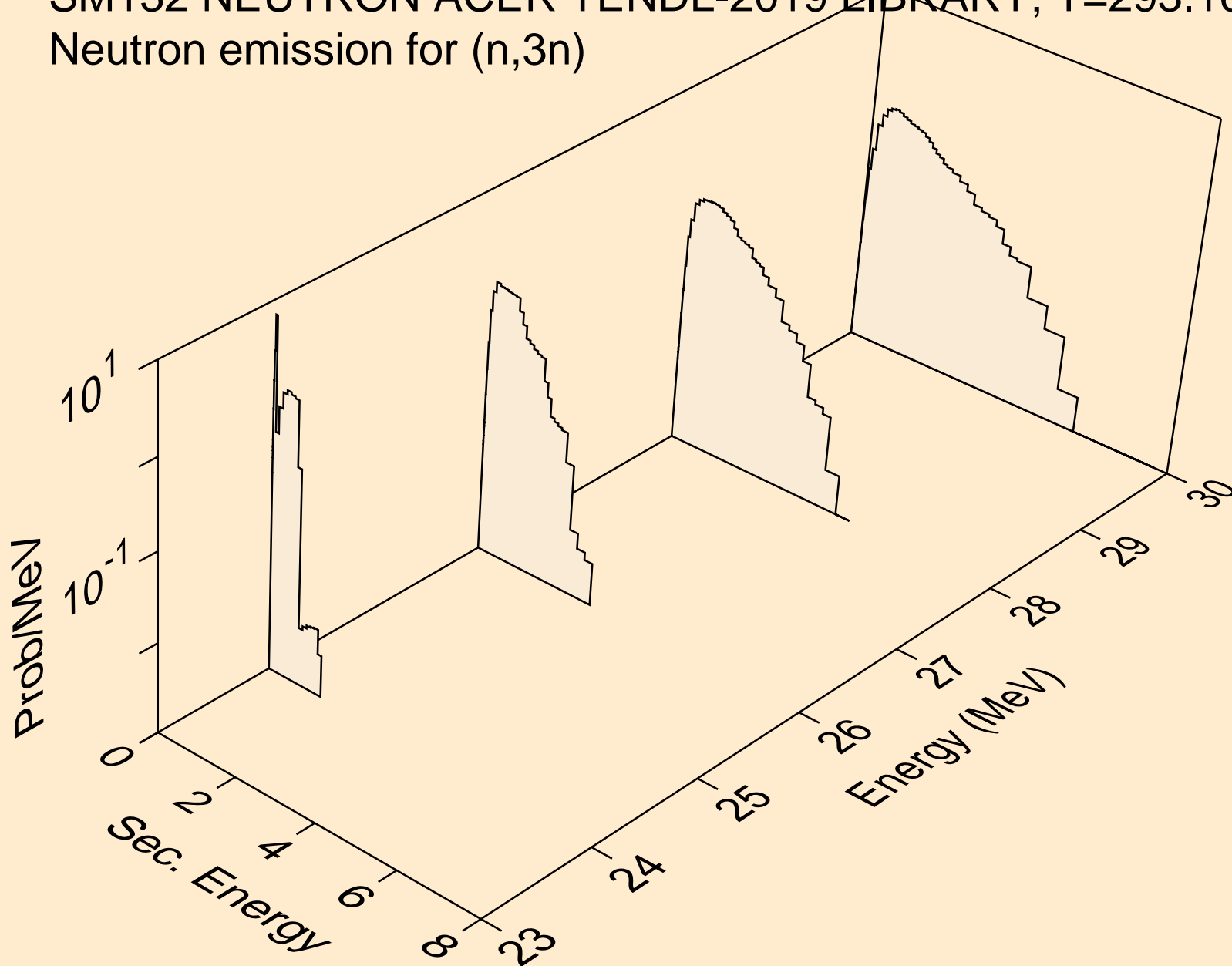


SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)

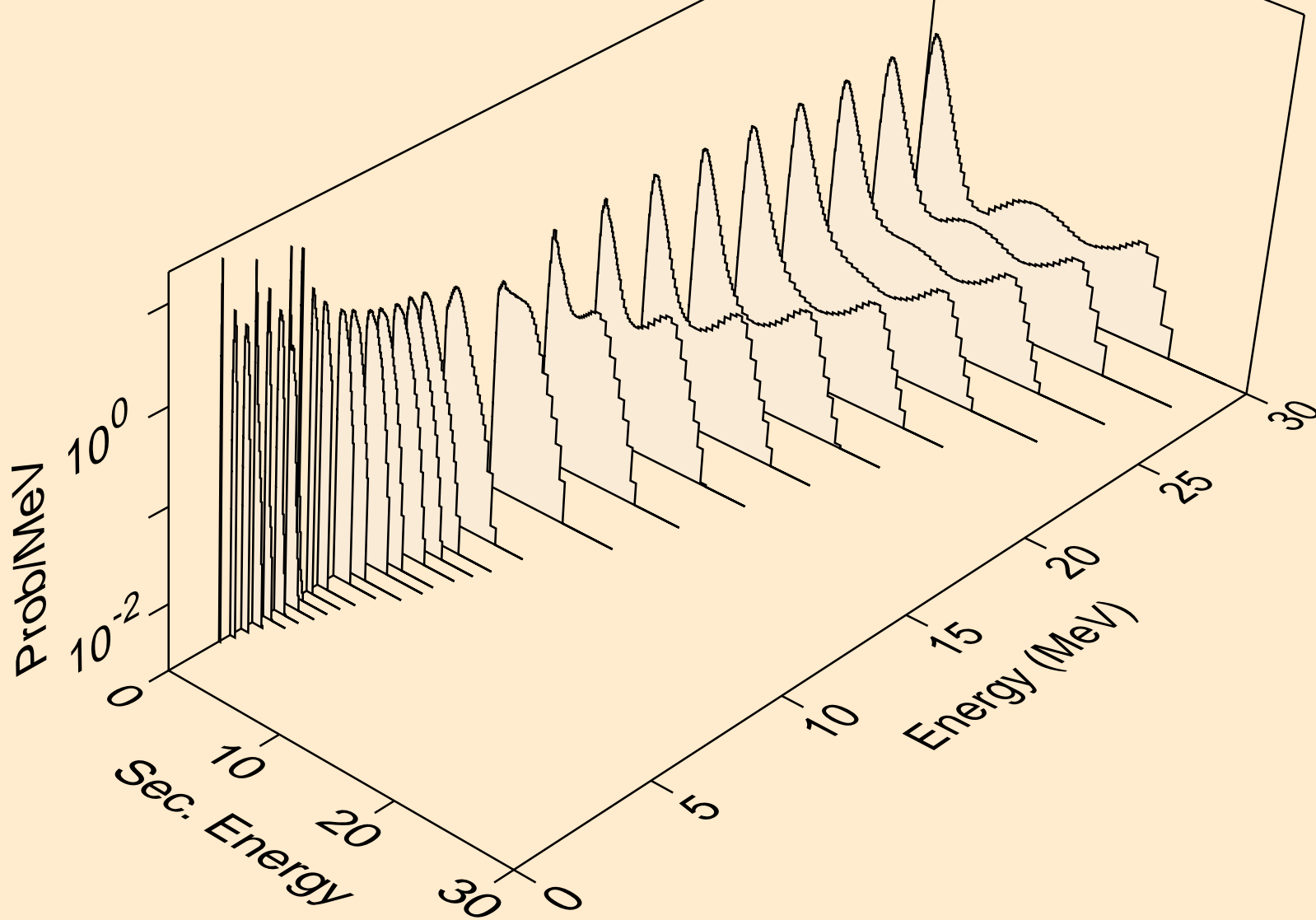




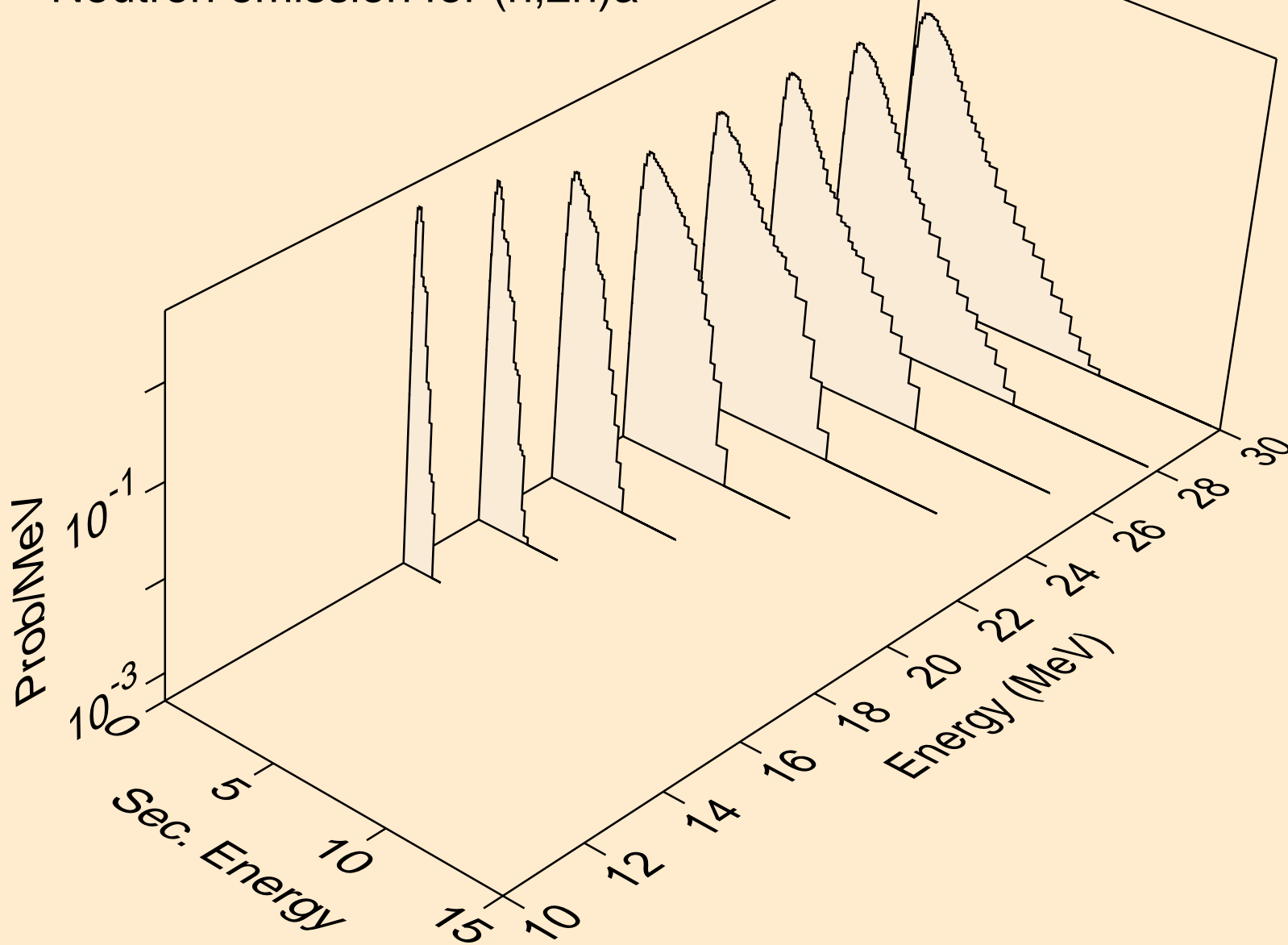
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



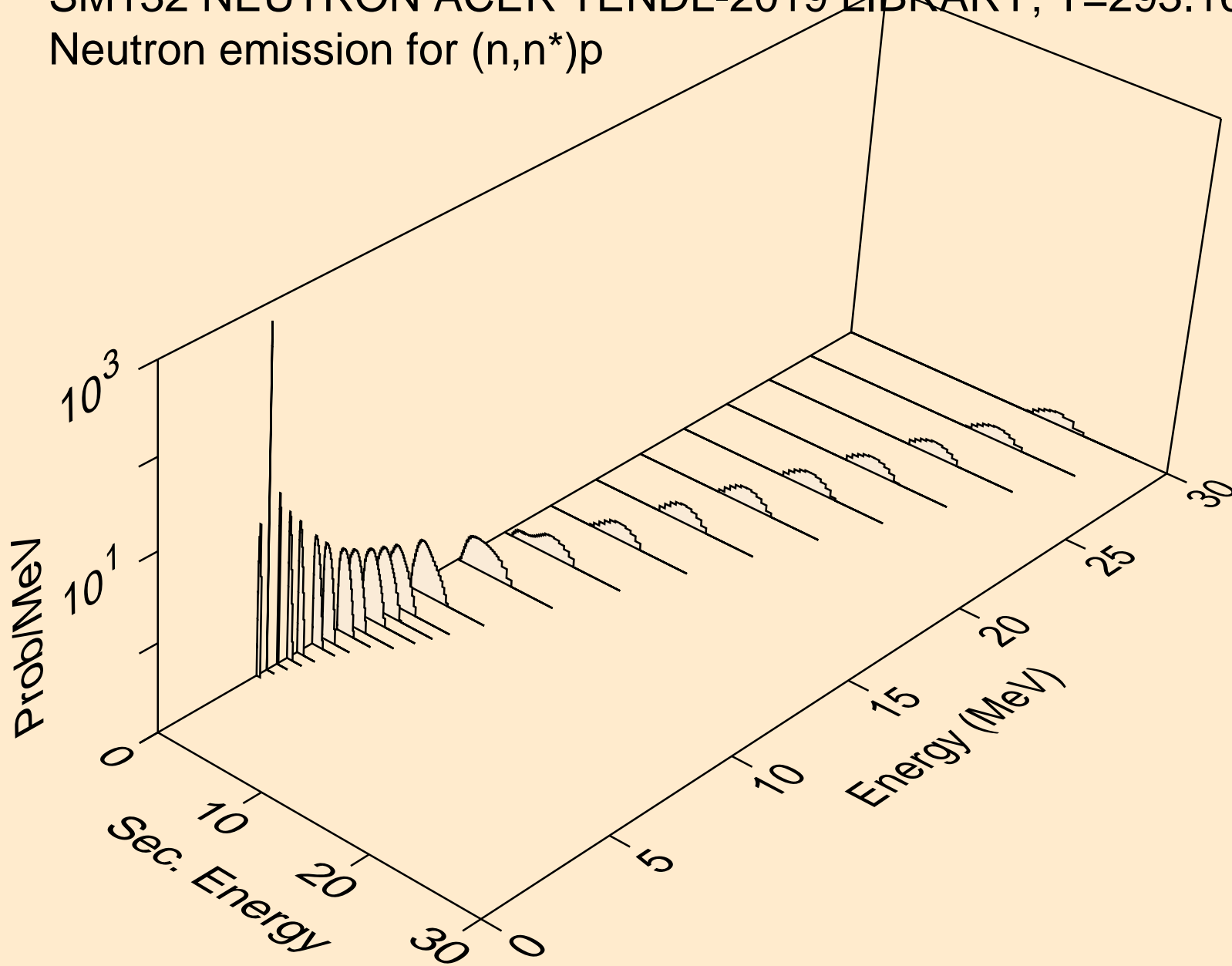
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



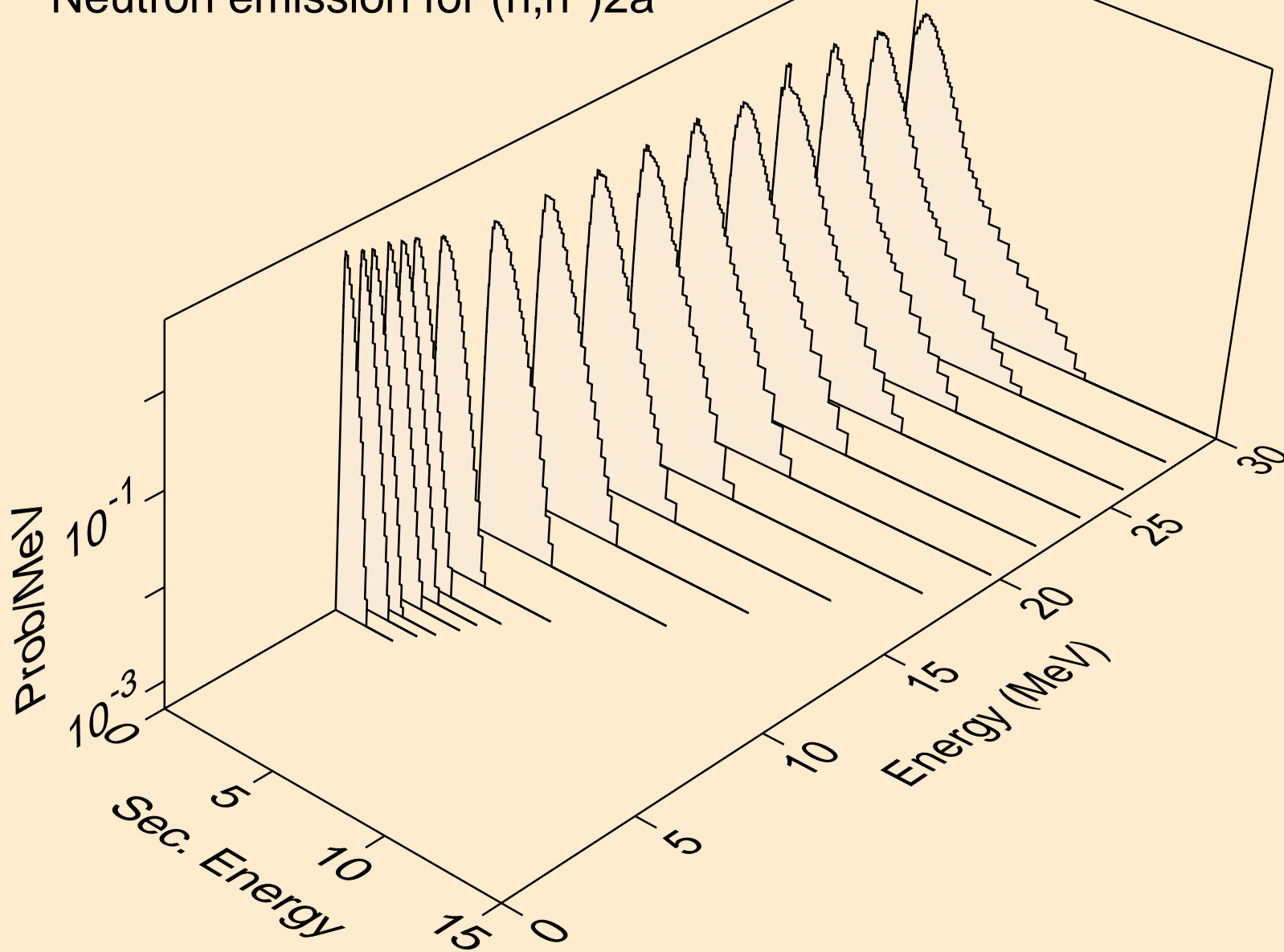
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Neutron emission for (n,2n)a



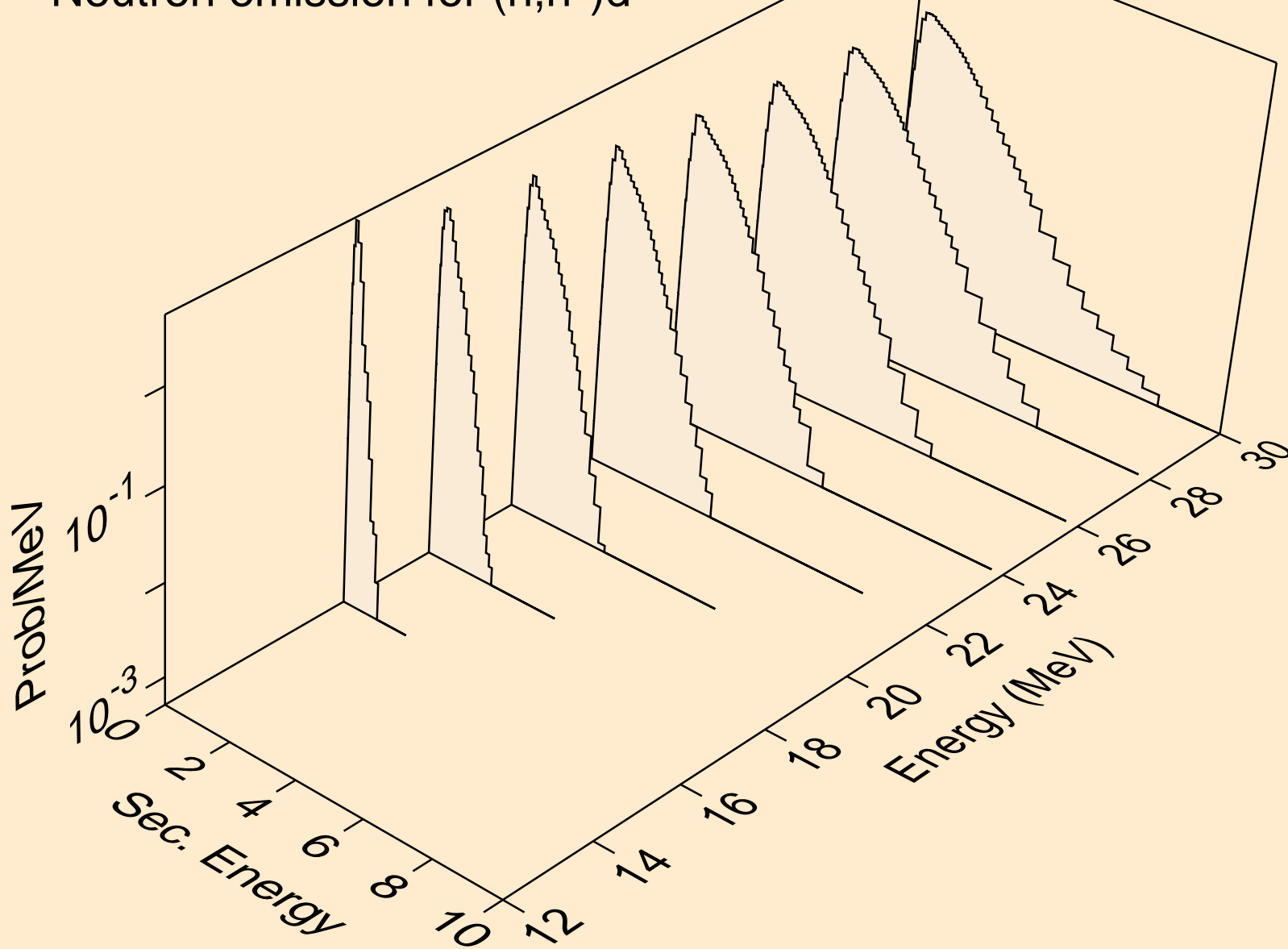
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



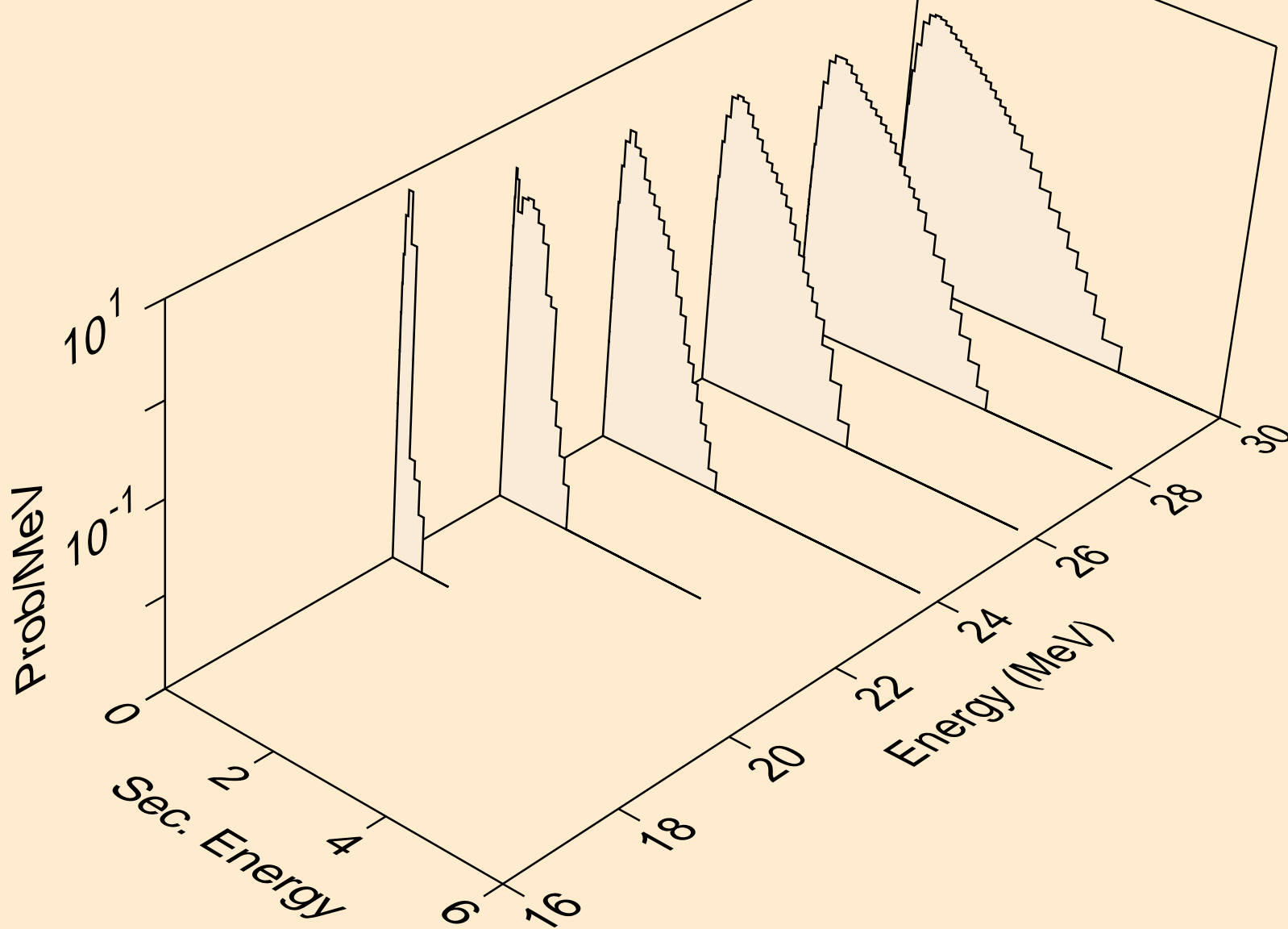
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)2a



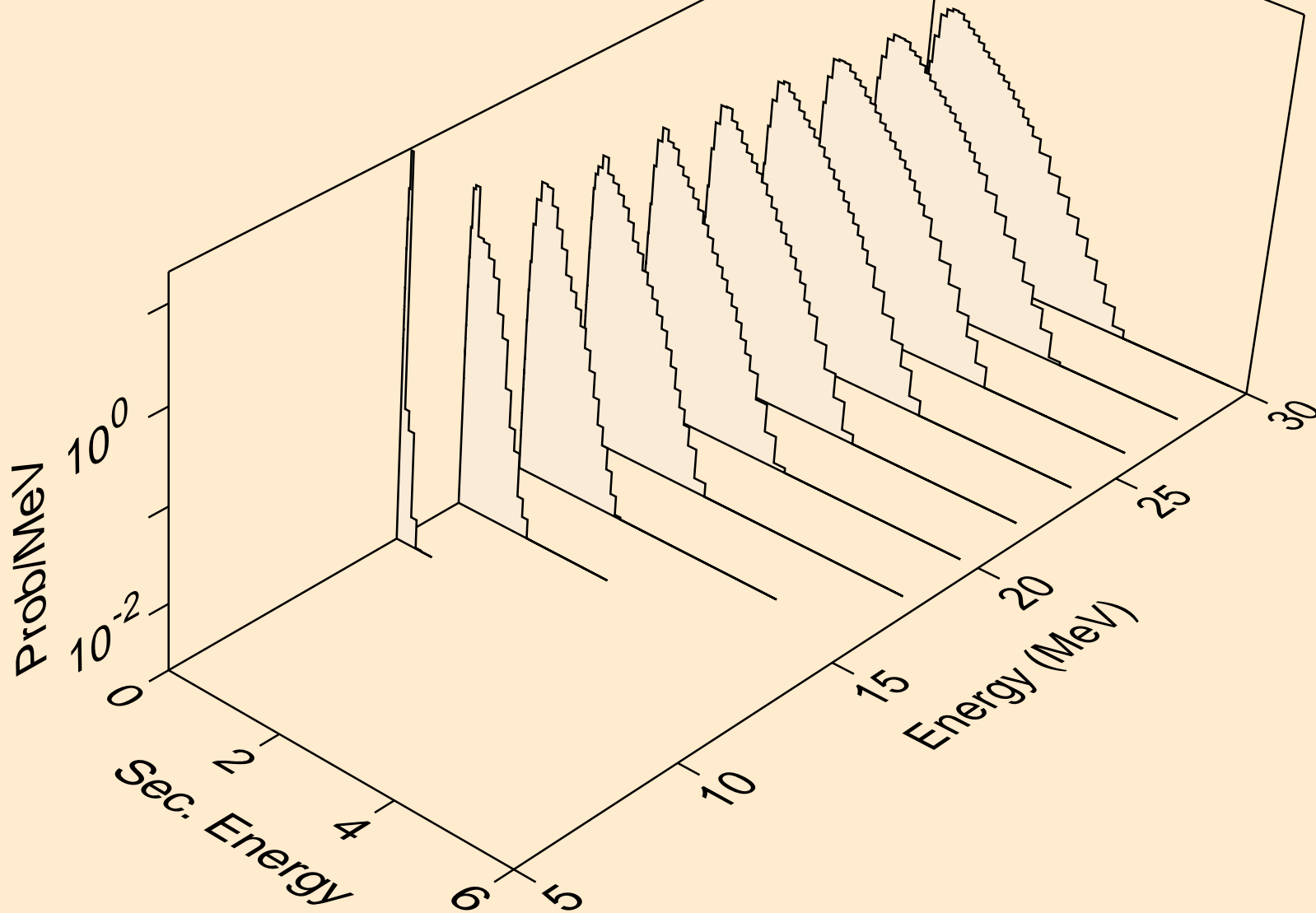
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t

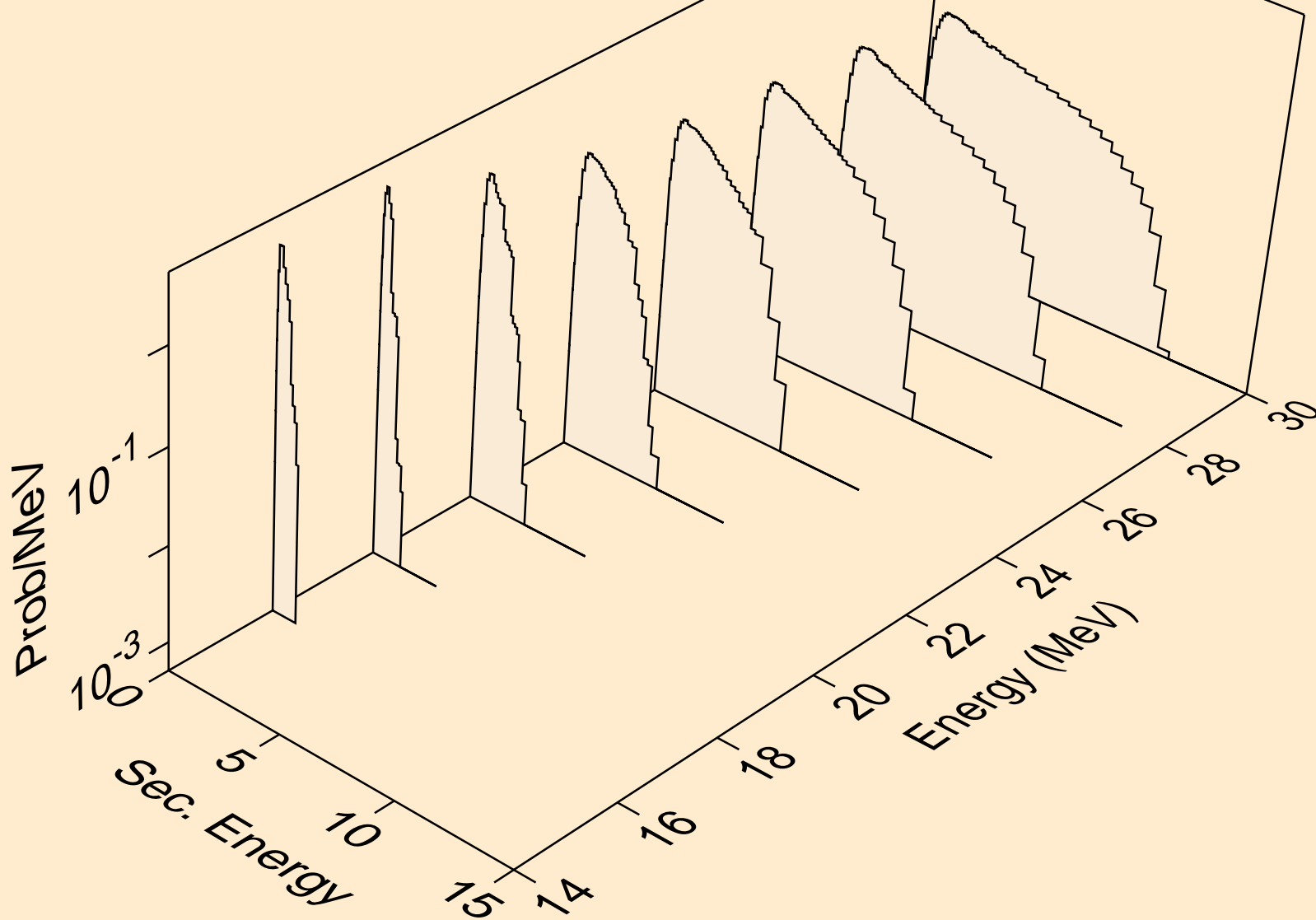


SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3

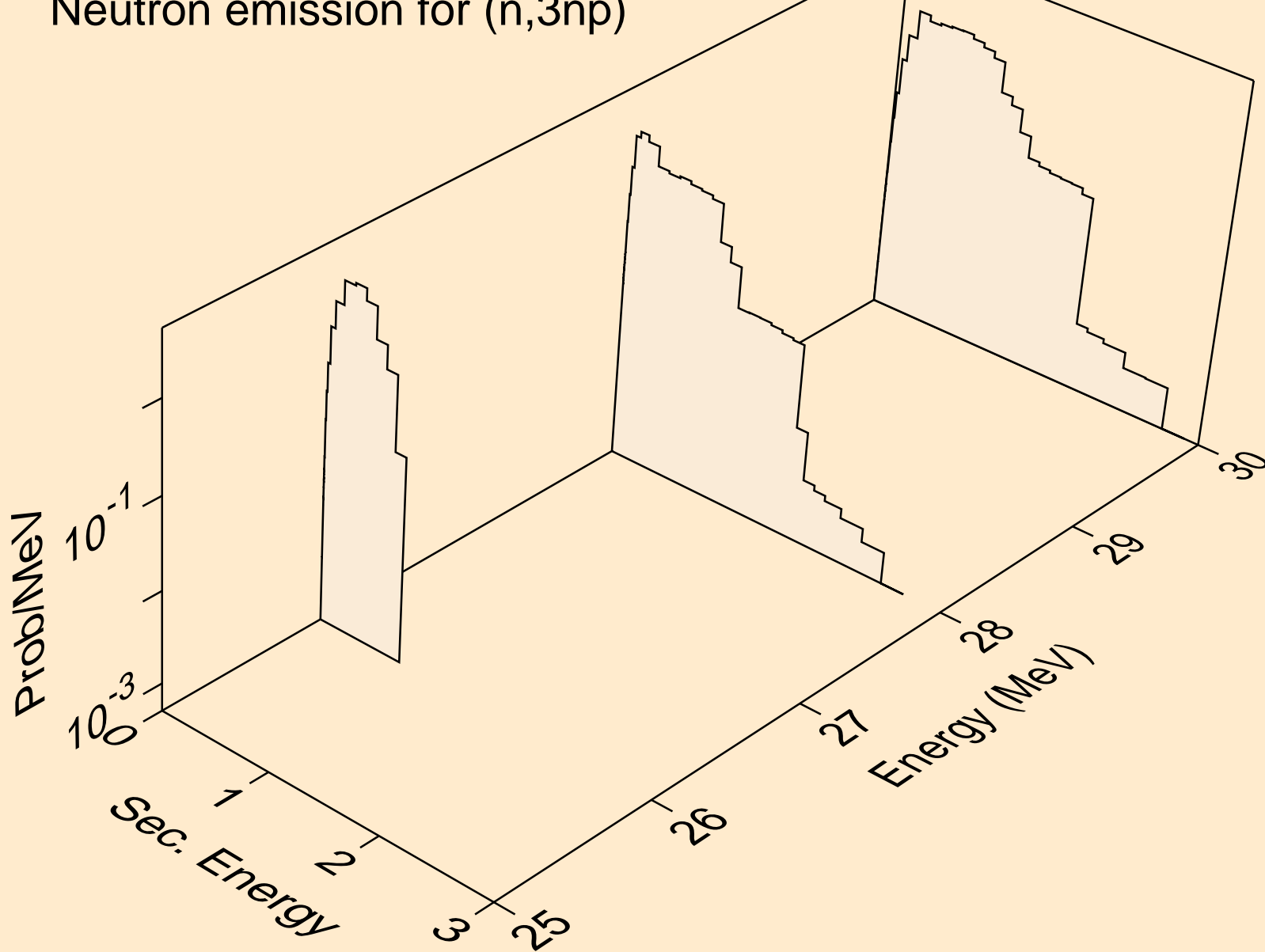




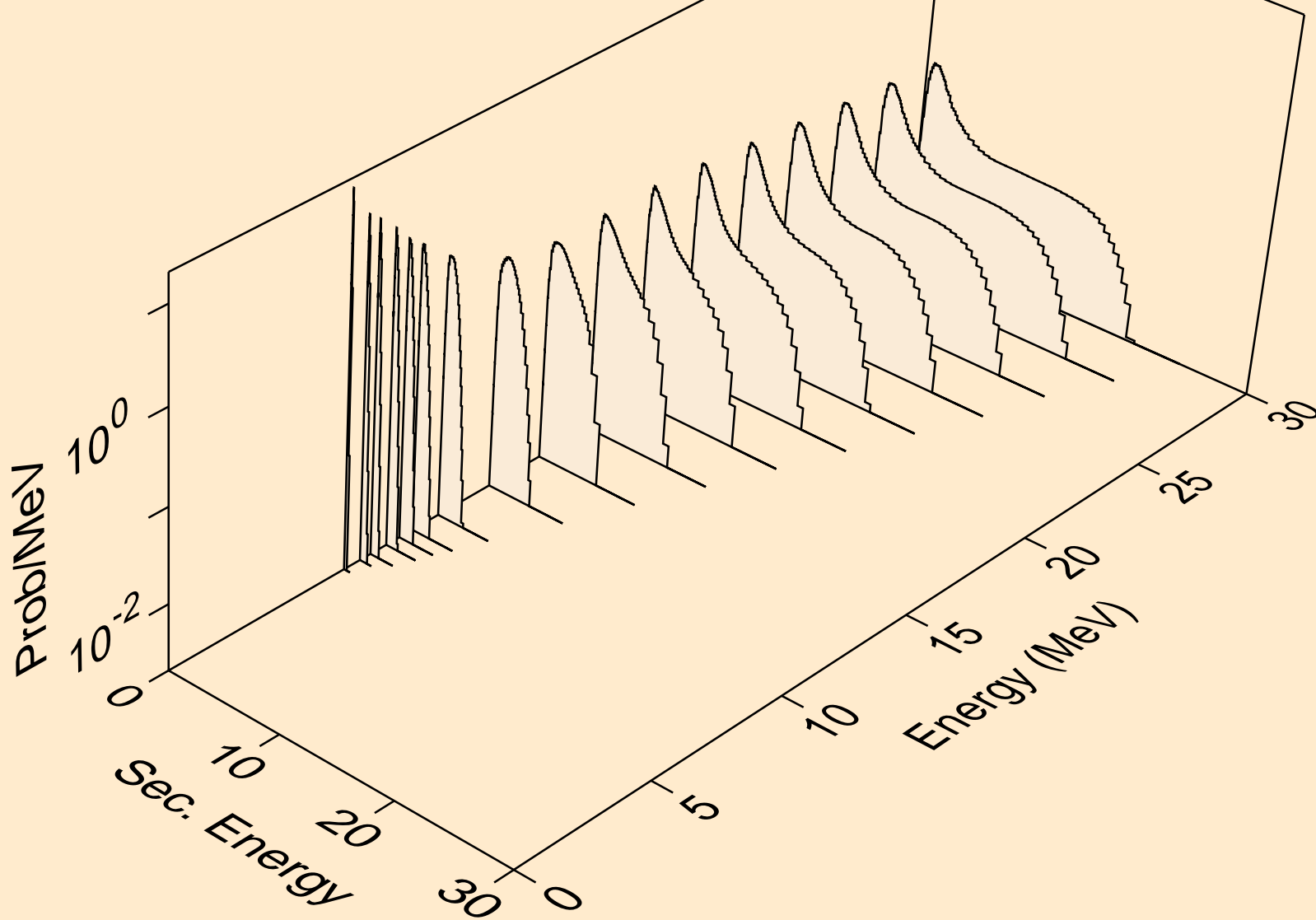
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



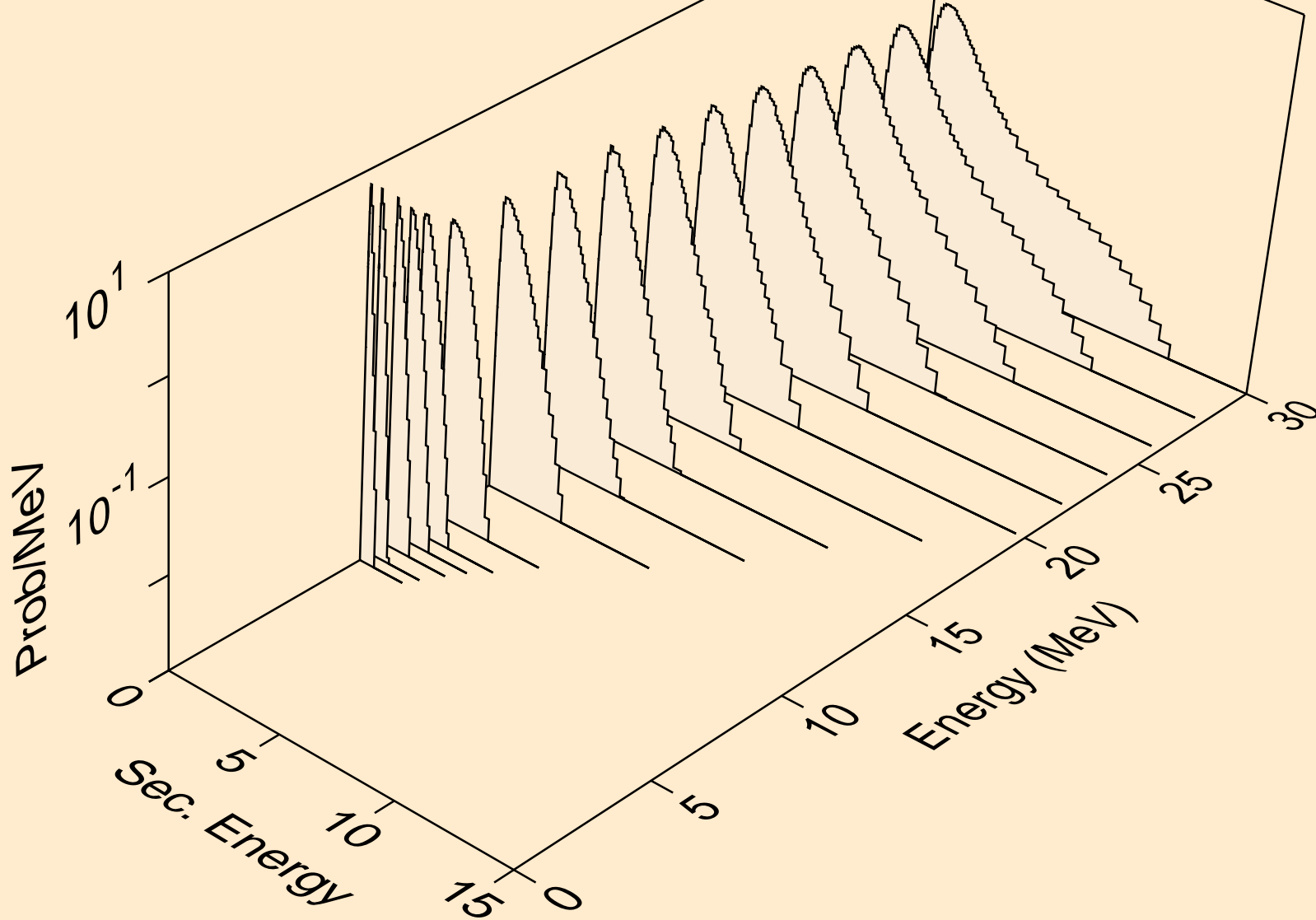
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)



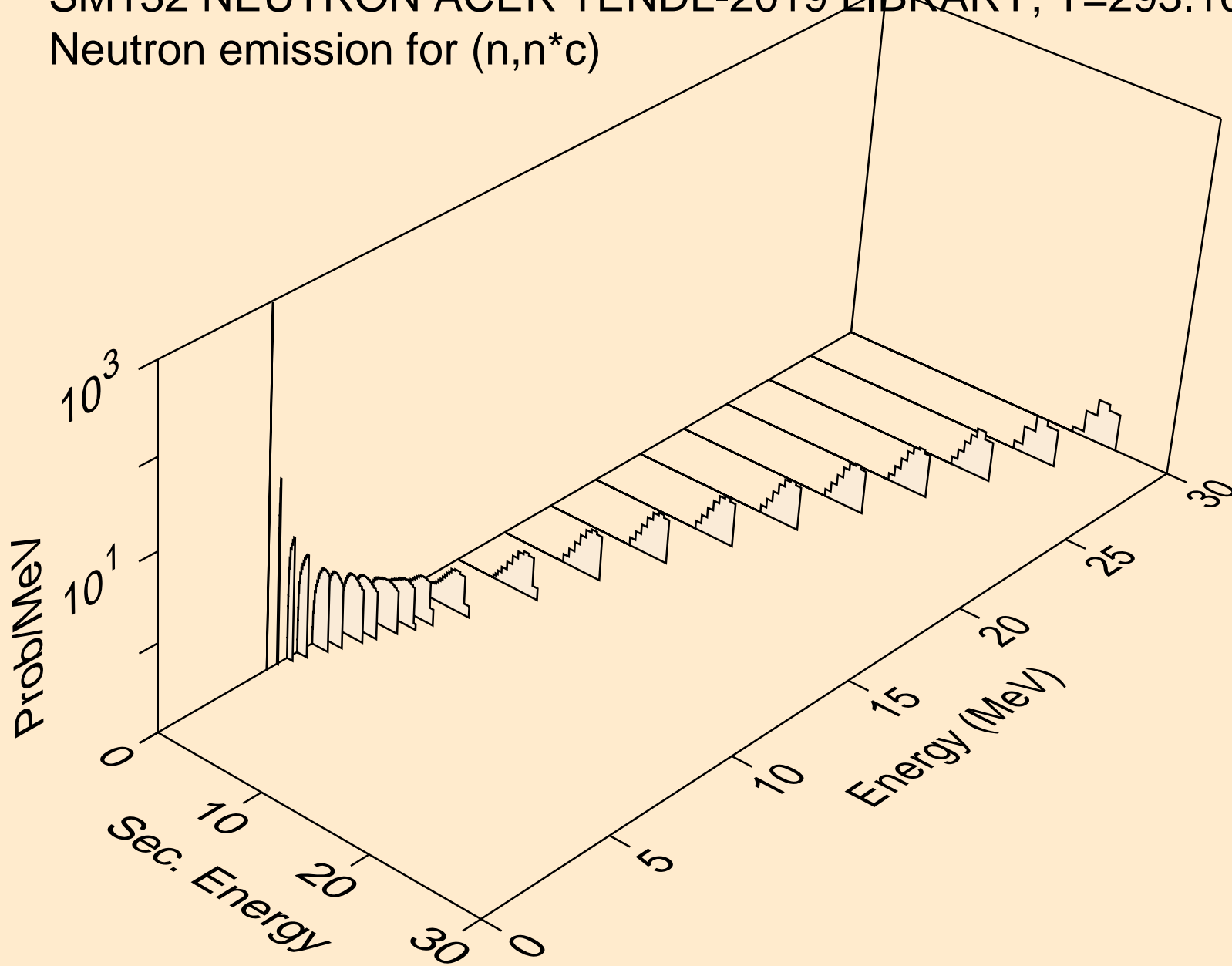
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



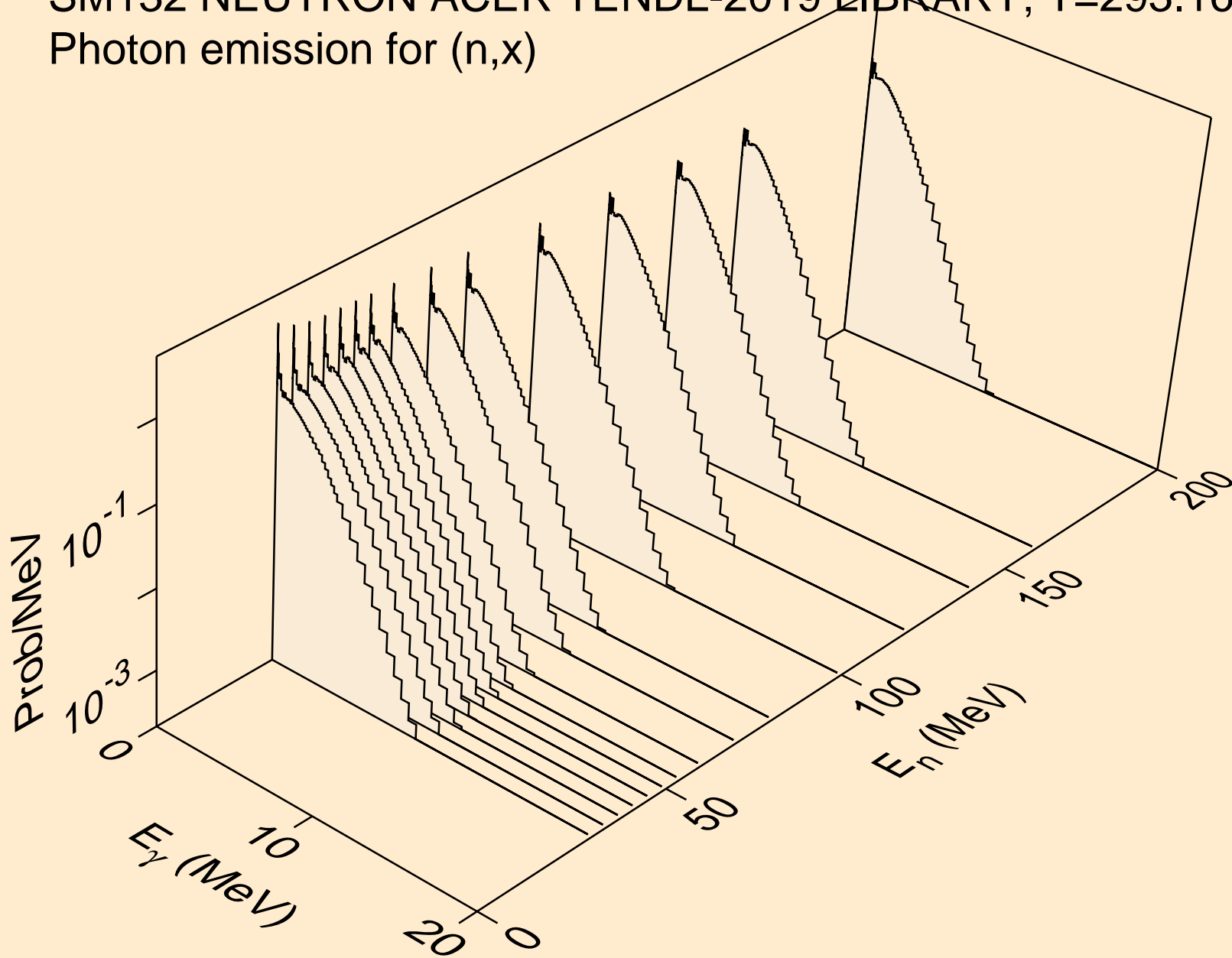
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,npa)



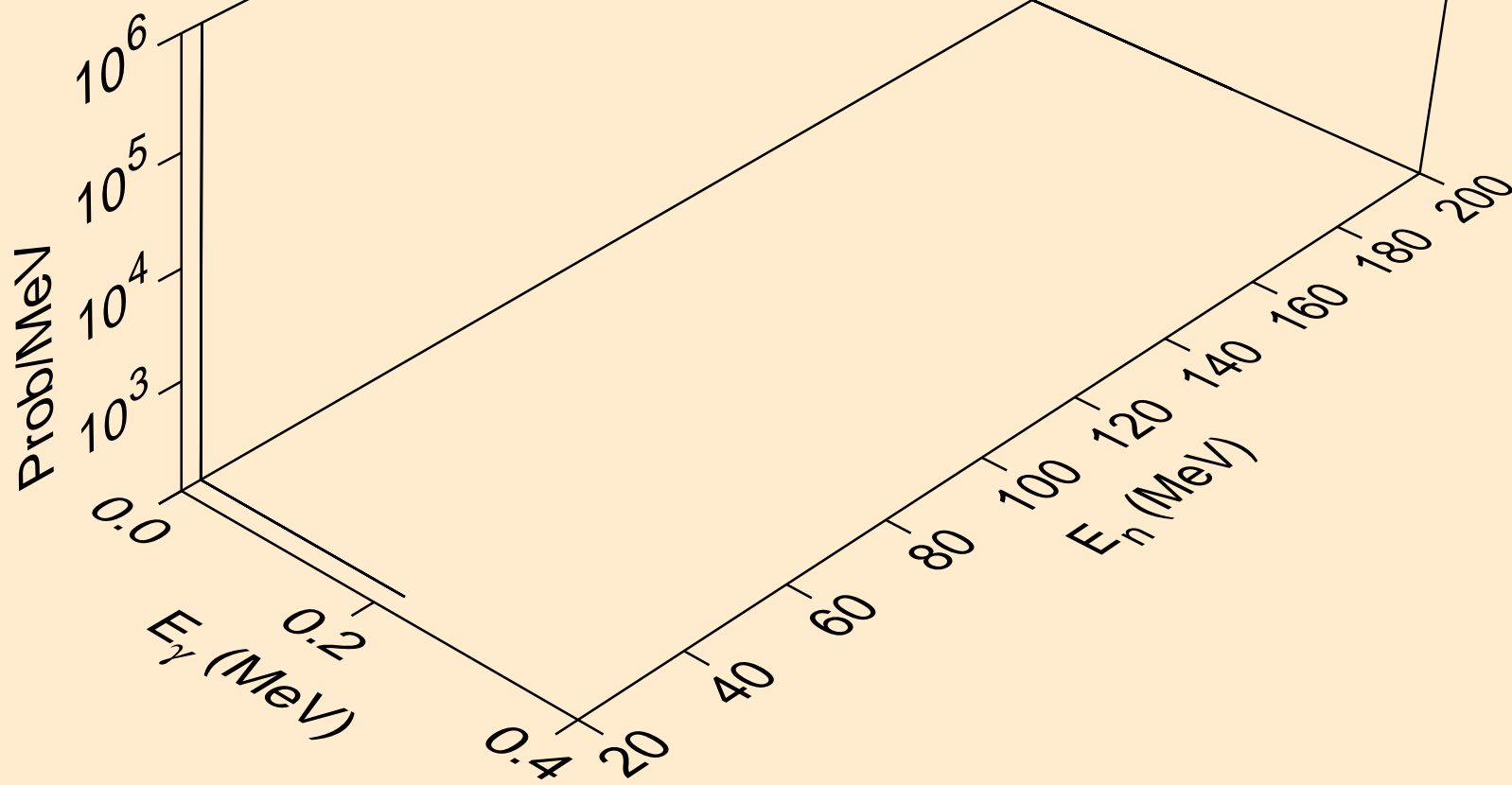
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



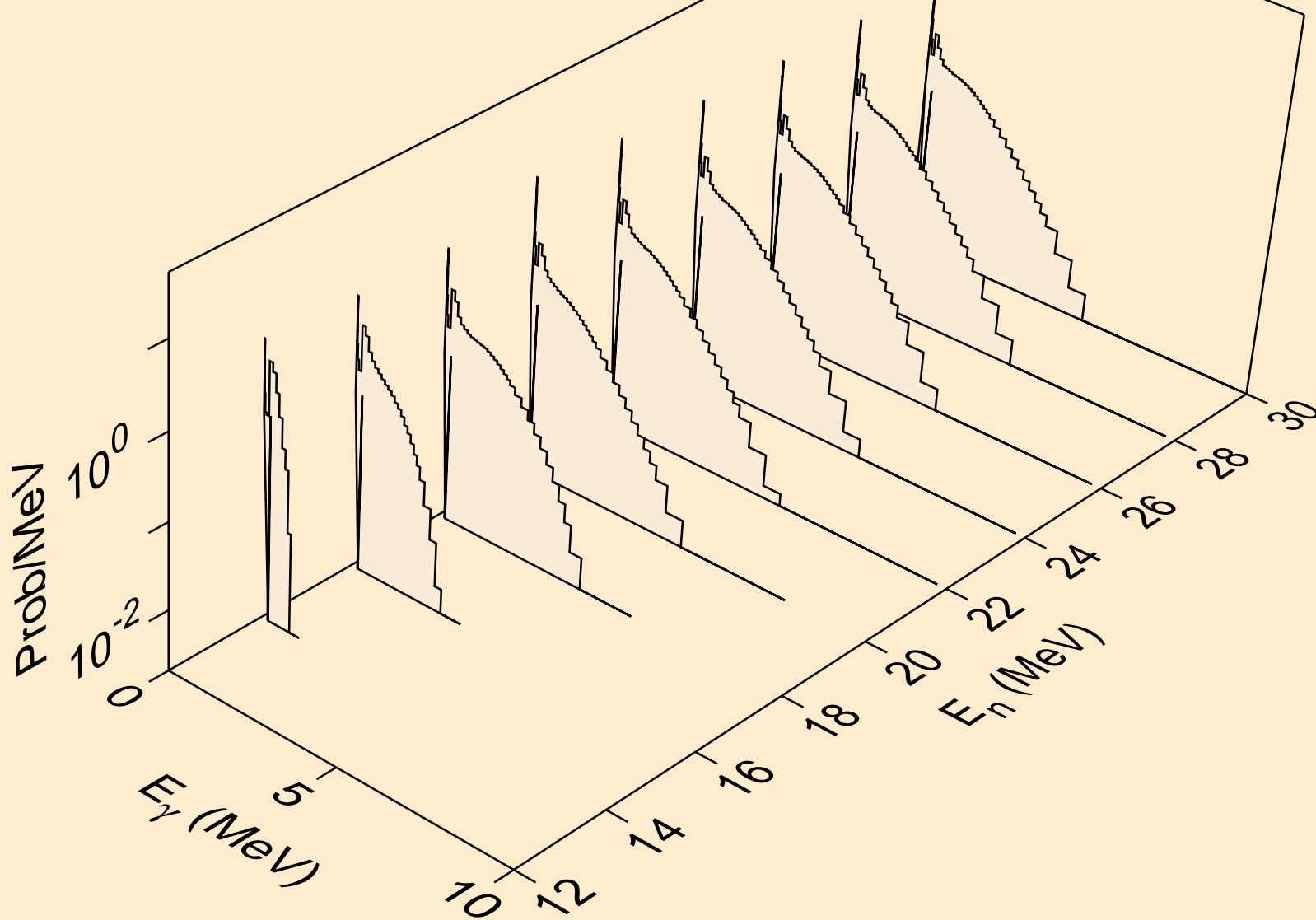
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)

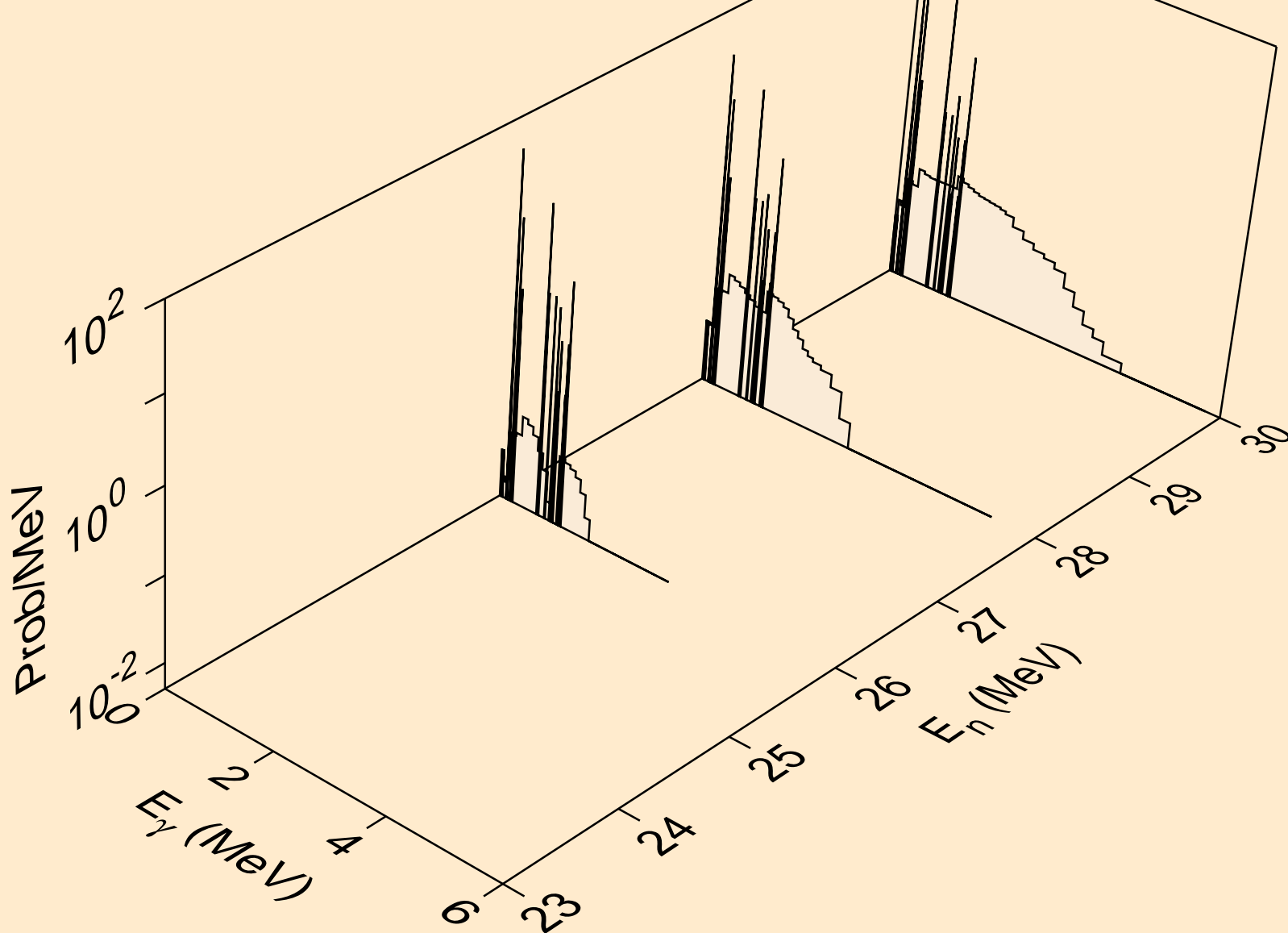


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Photon emission for (n,2n)

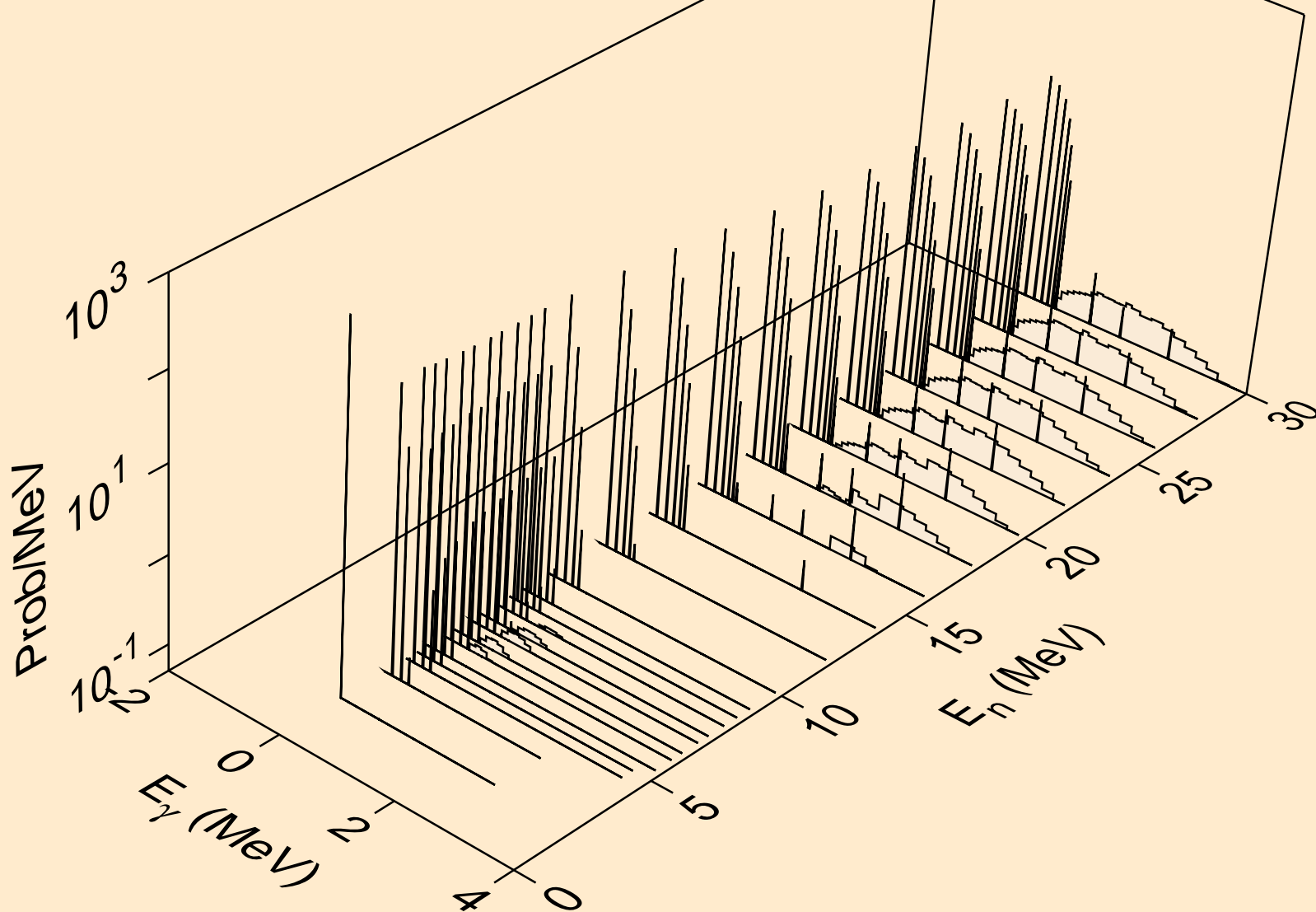




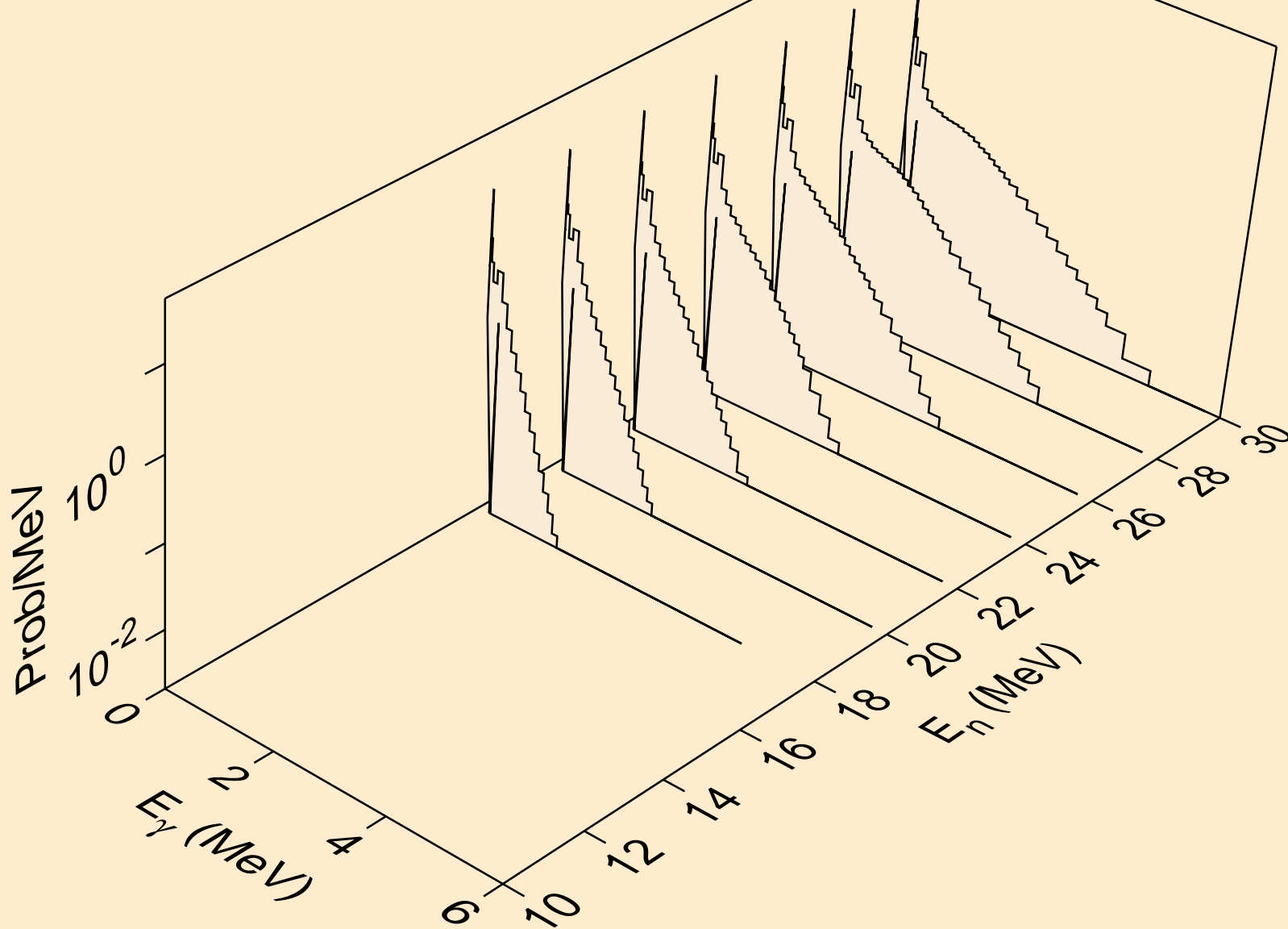
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Photon emission for (n,3n)



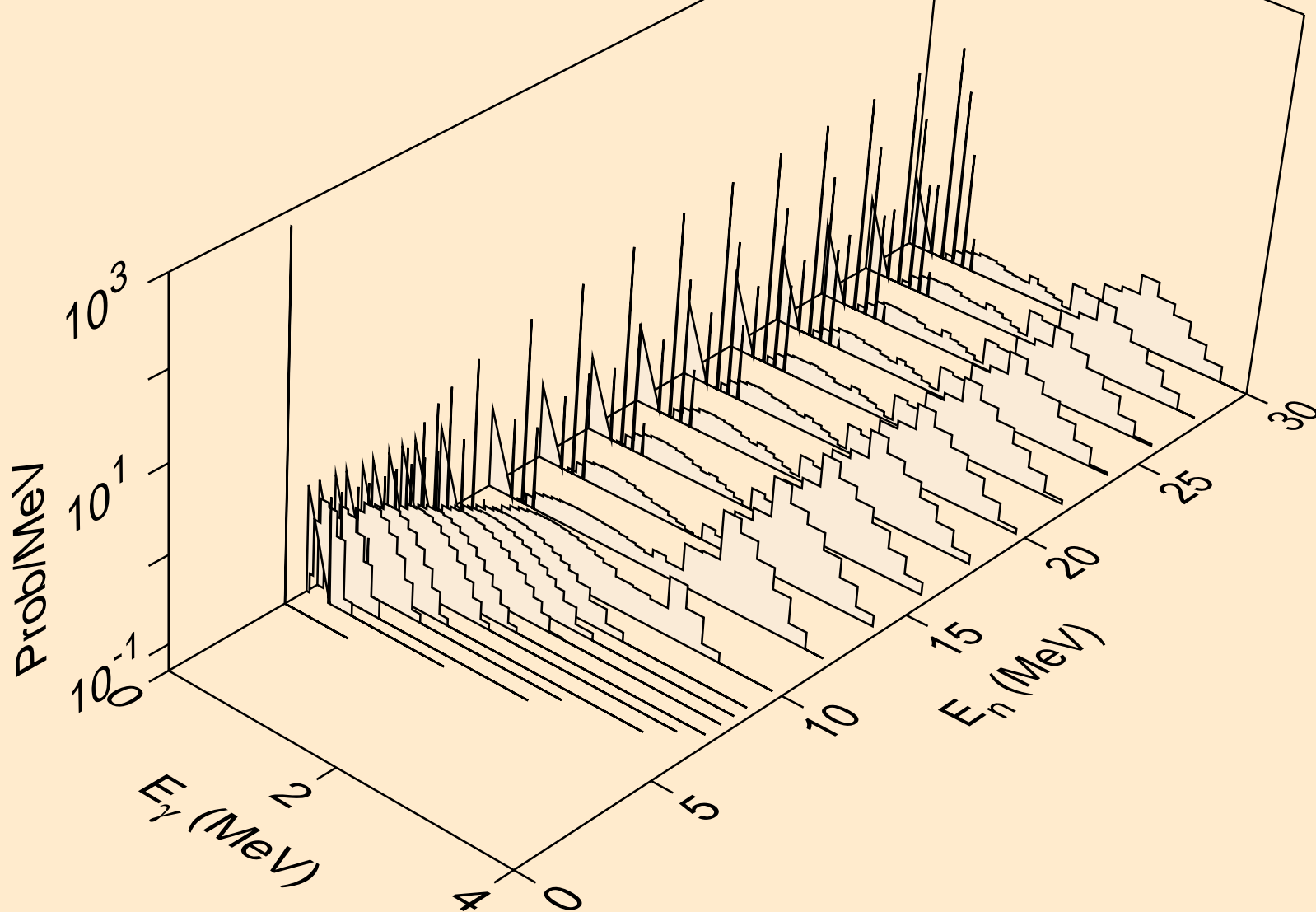
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Photon emission for (n,n\*)a



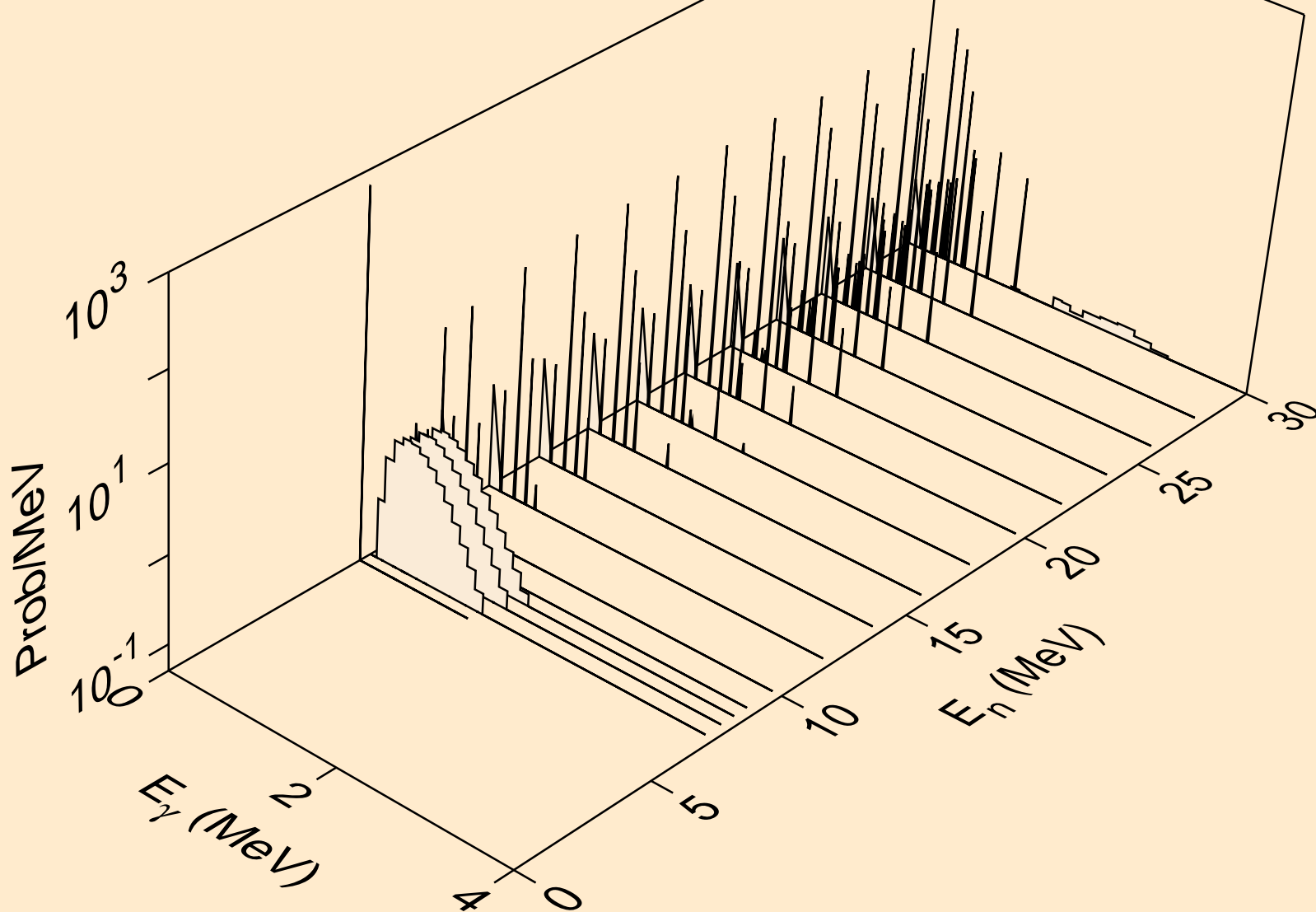
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Photon emission for (n,2n)a



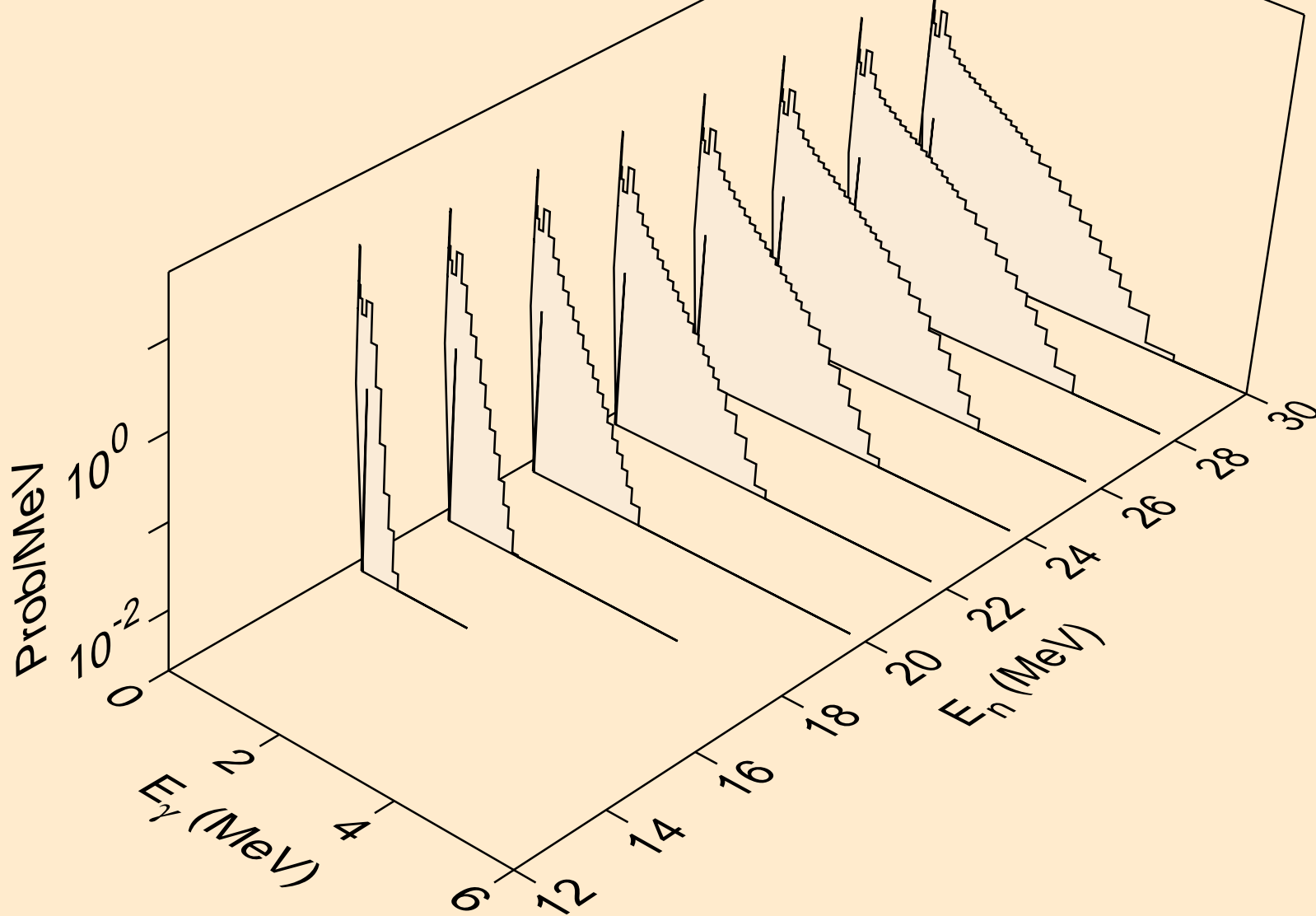
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Photon emission for (n,n\*)p



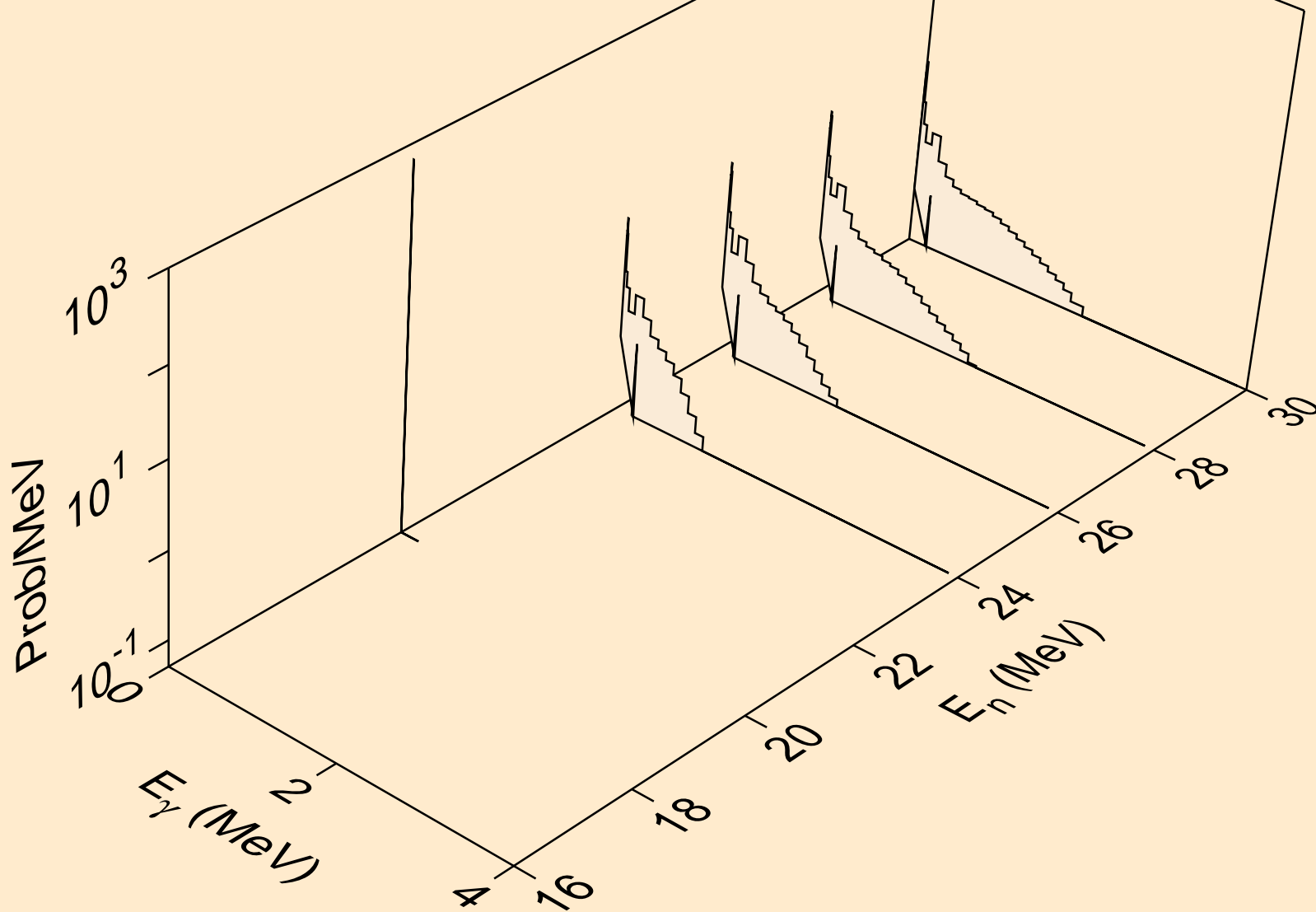
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Photon emission for (n,n\*)2a



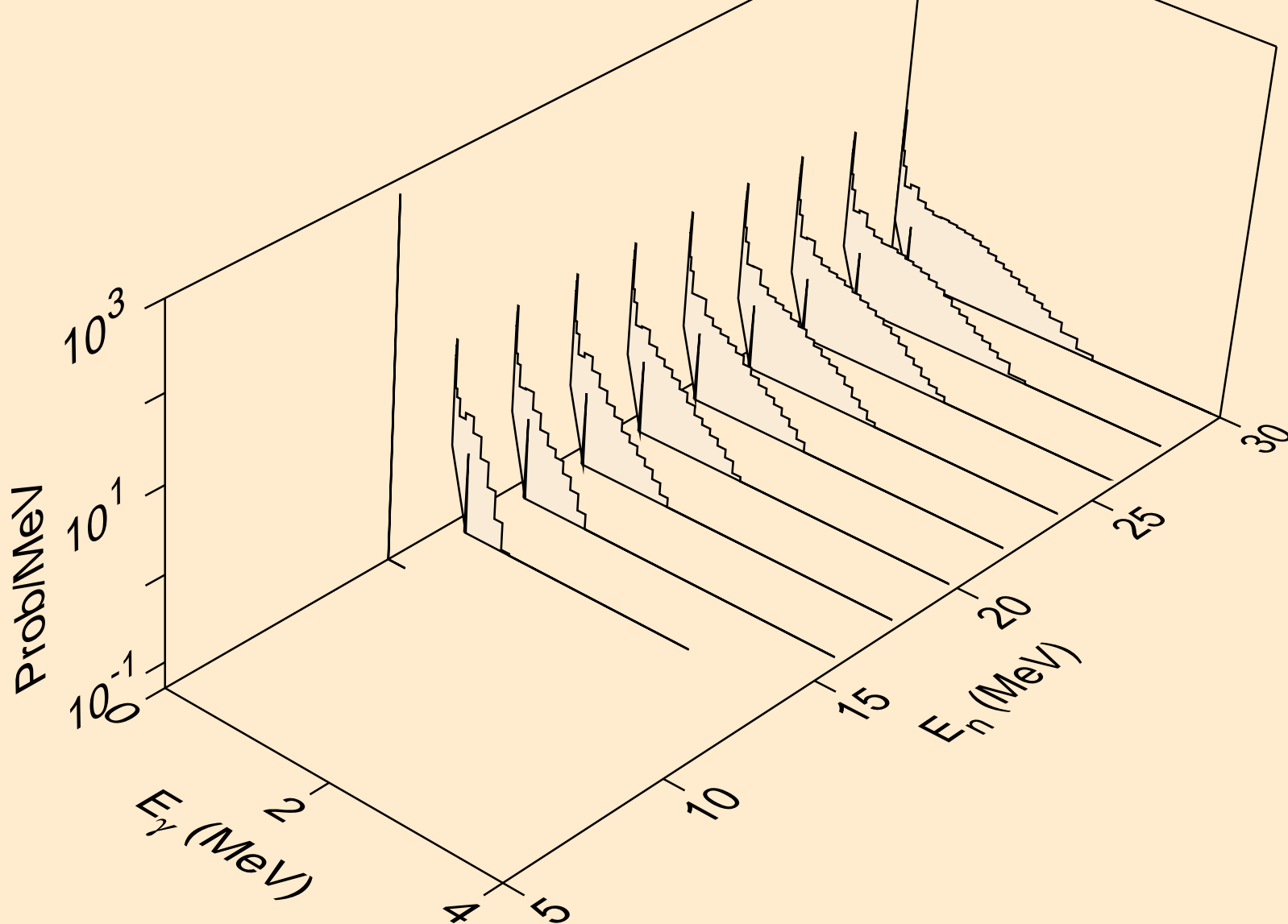
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t

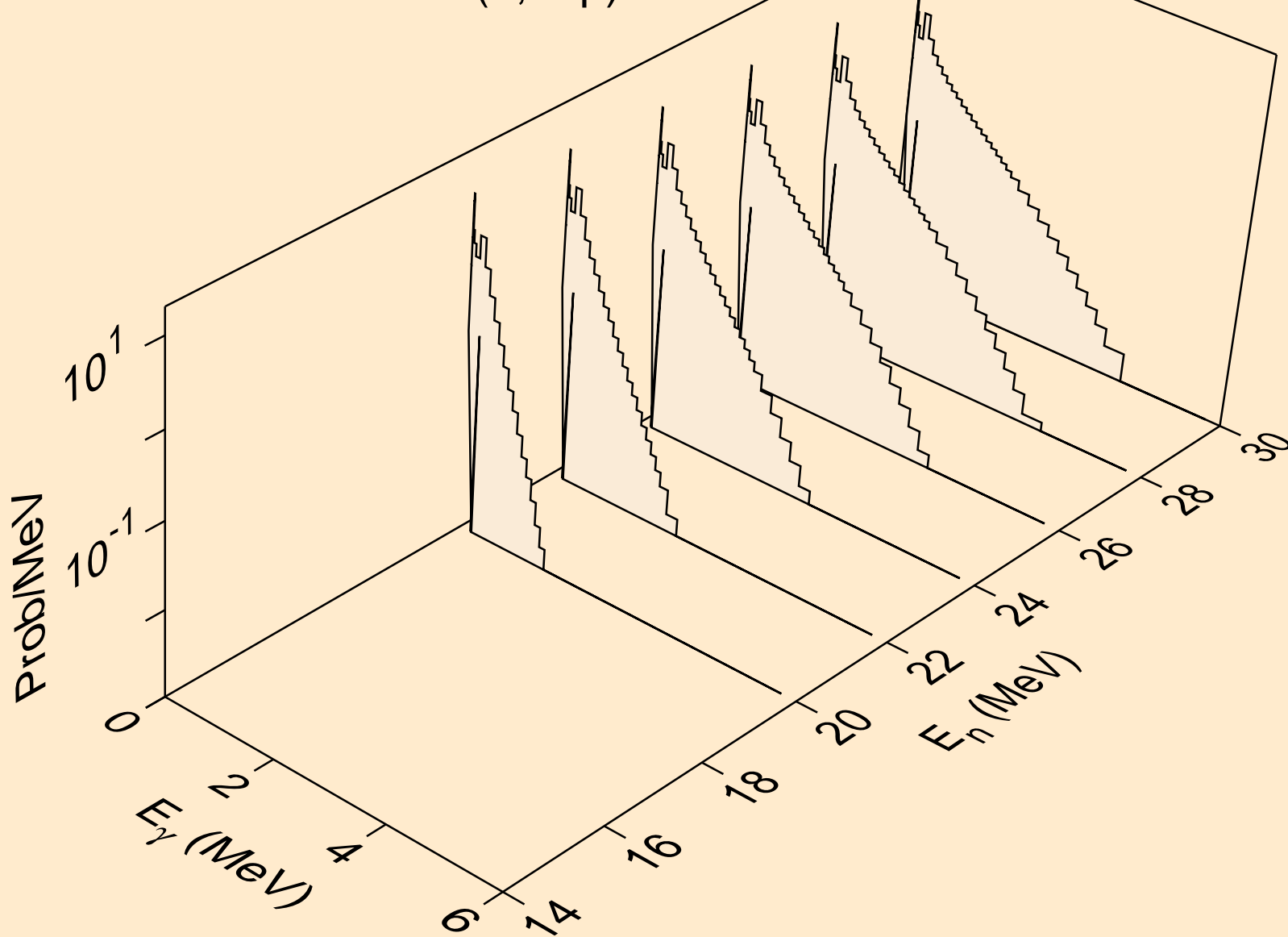


SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3

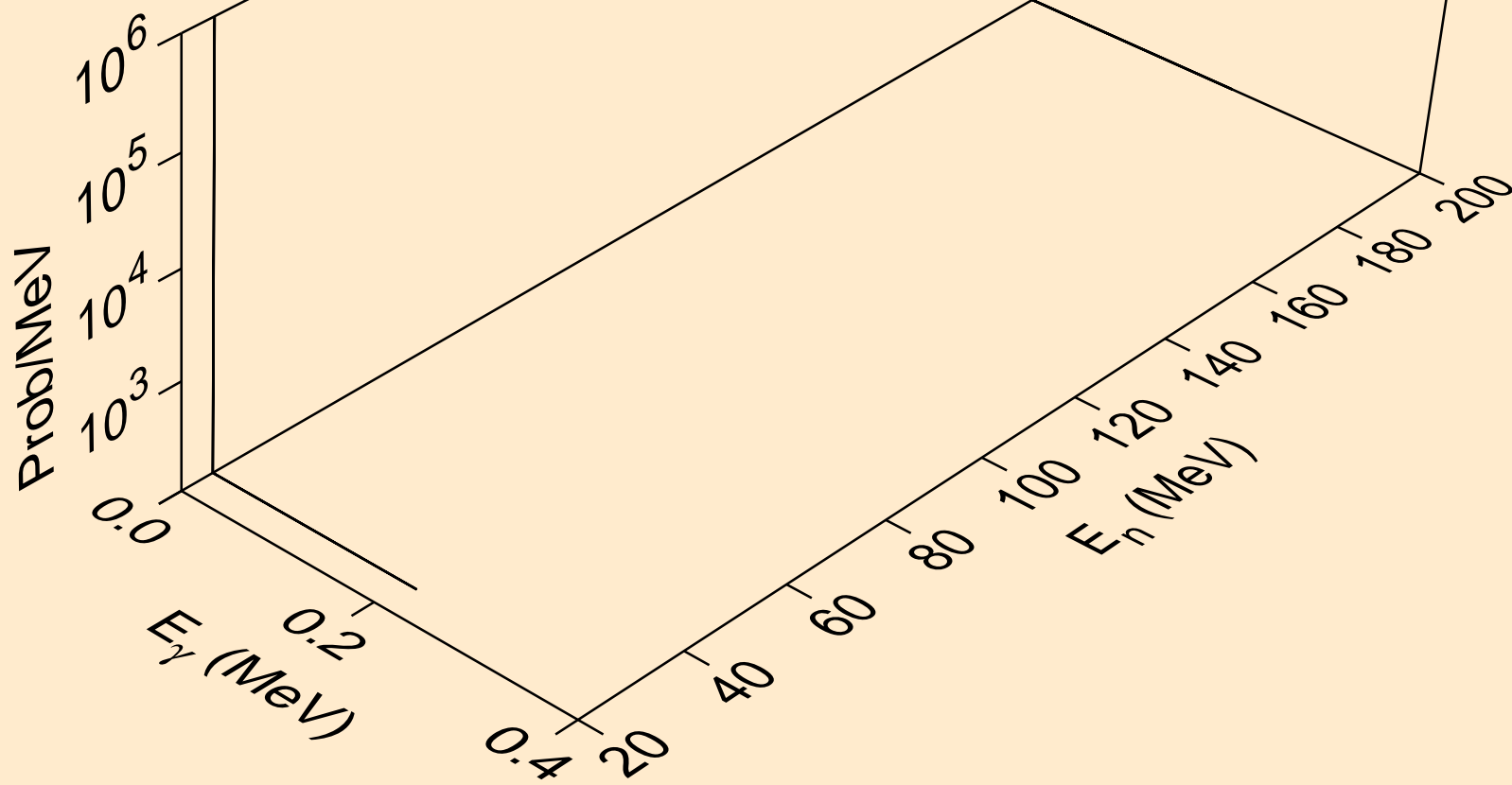




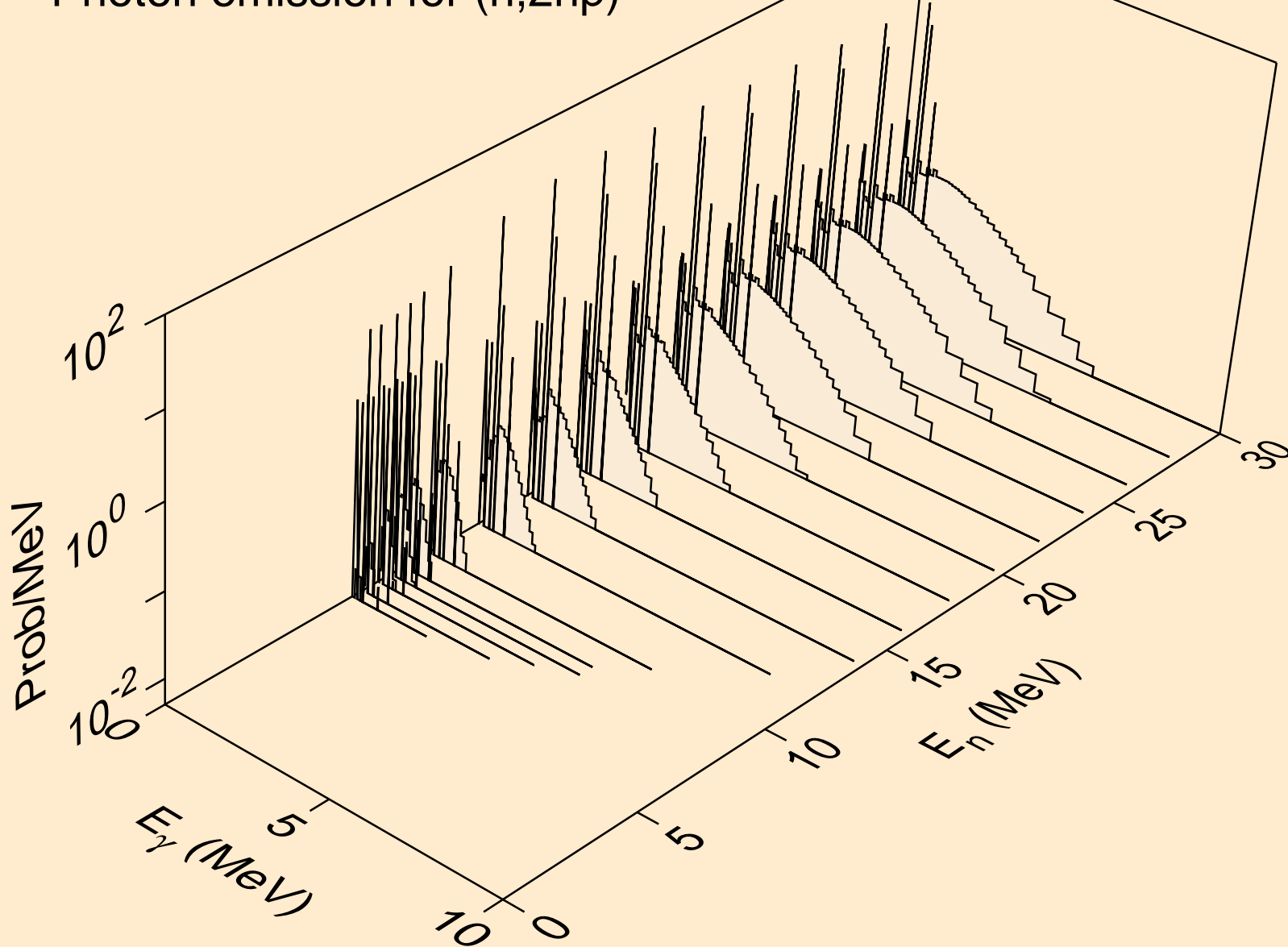
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



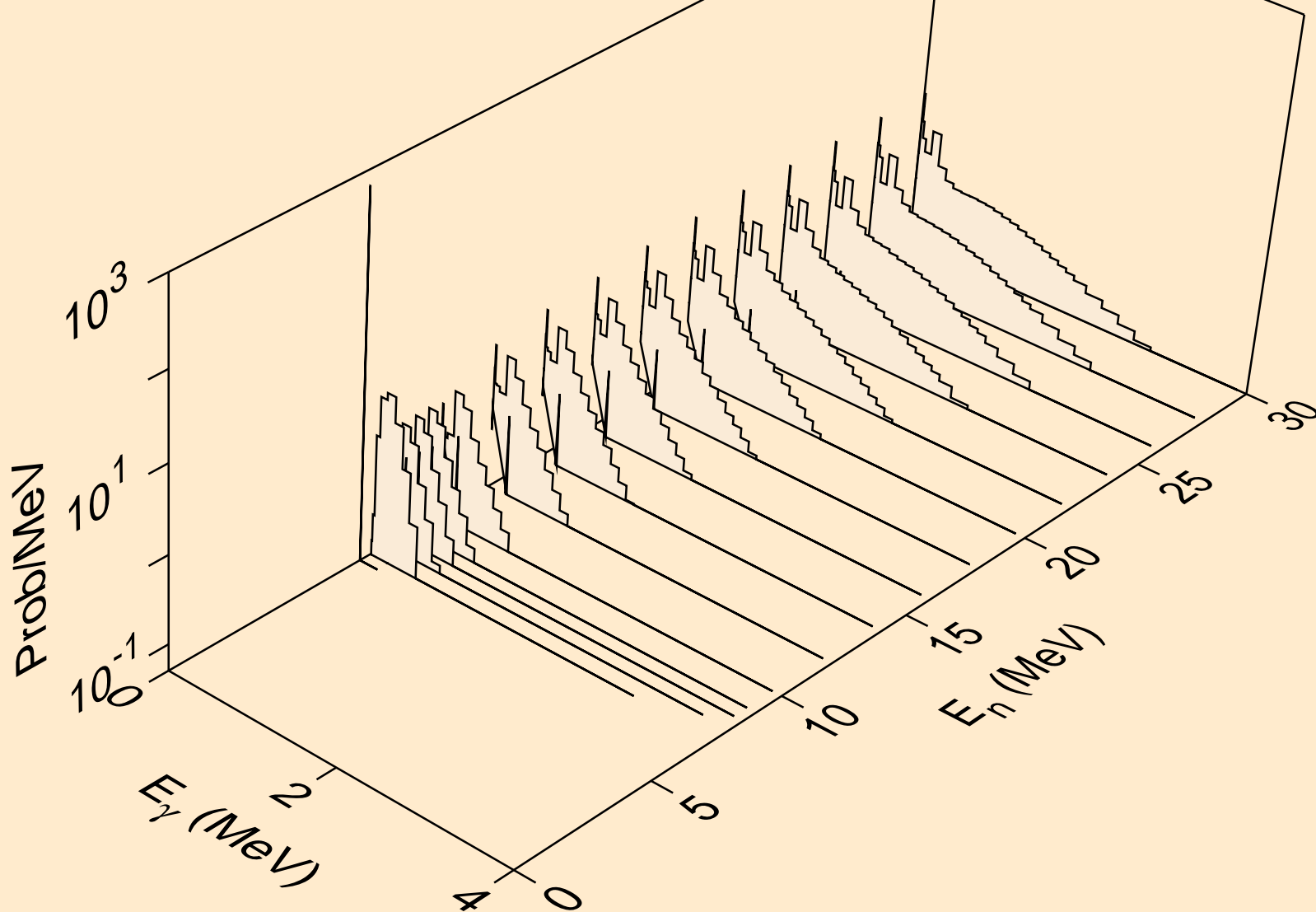
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



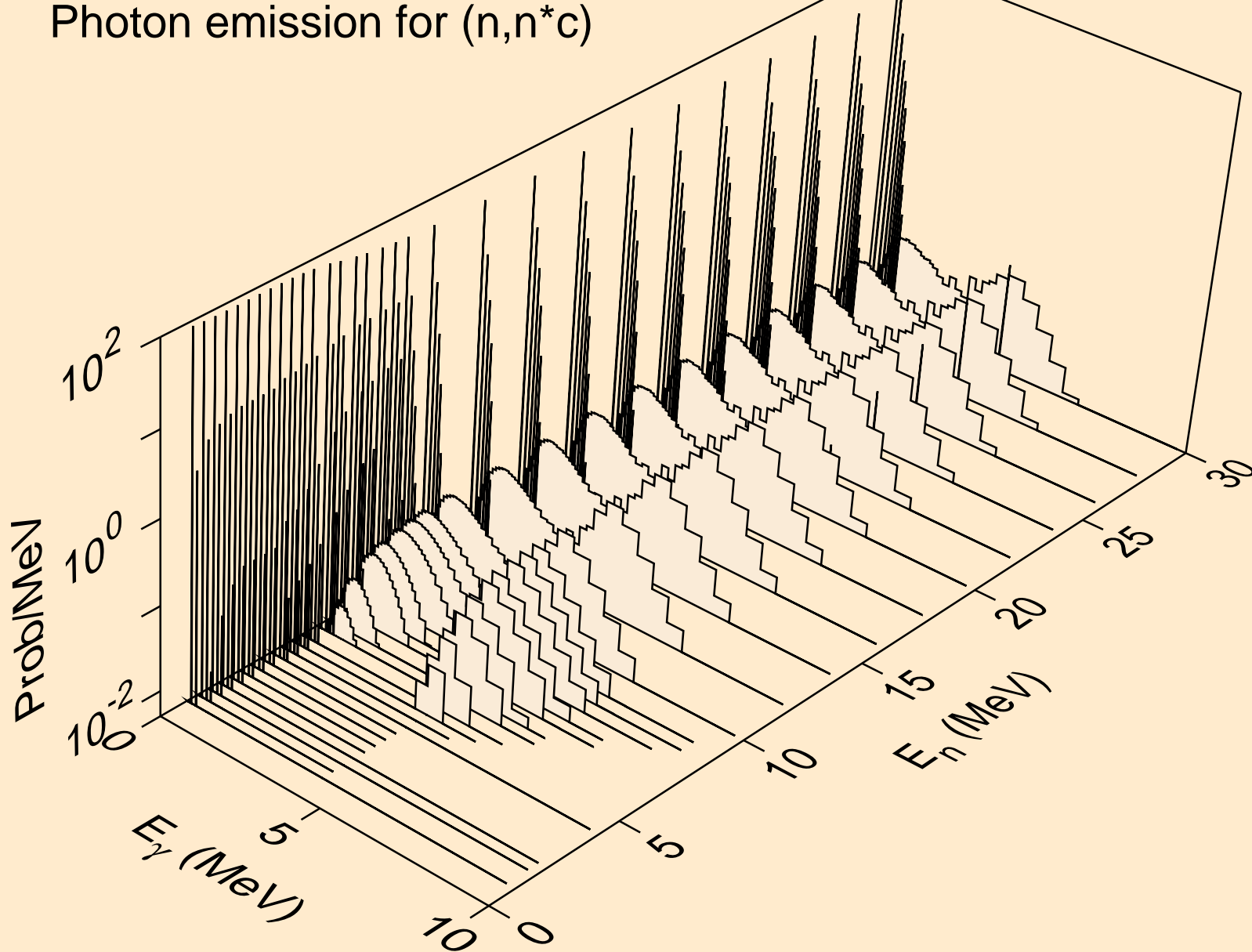
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



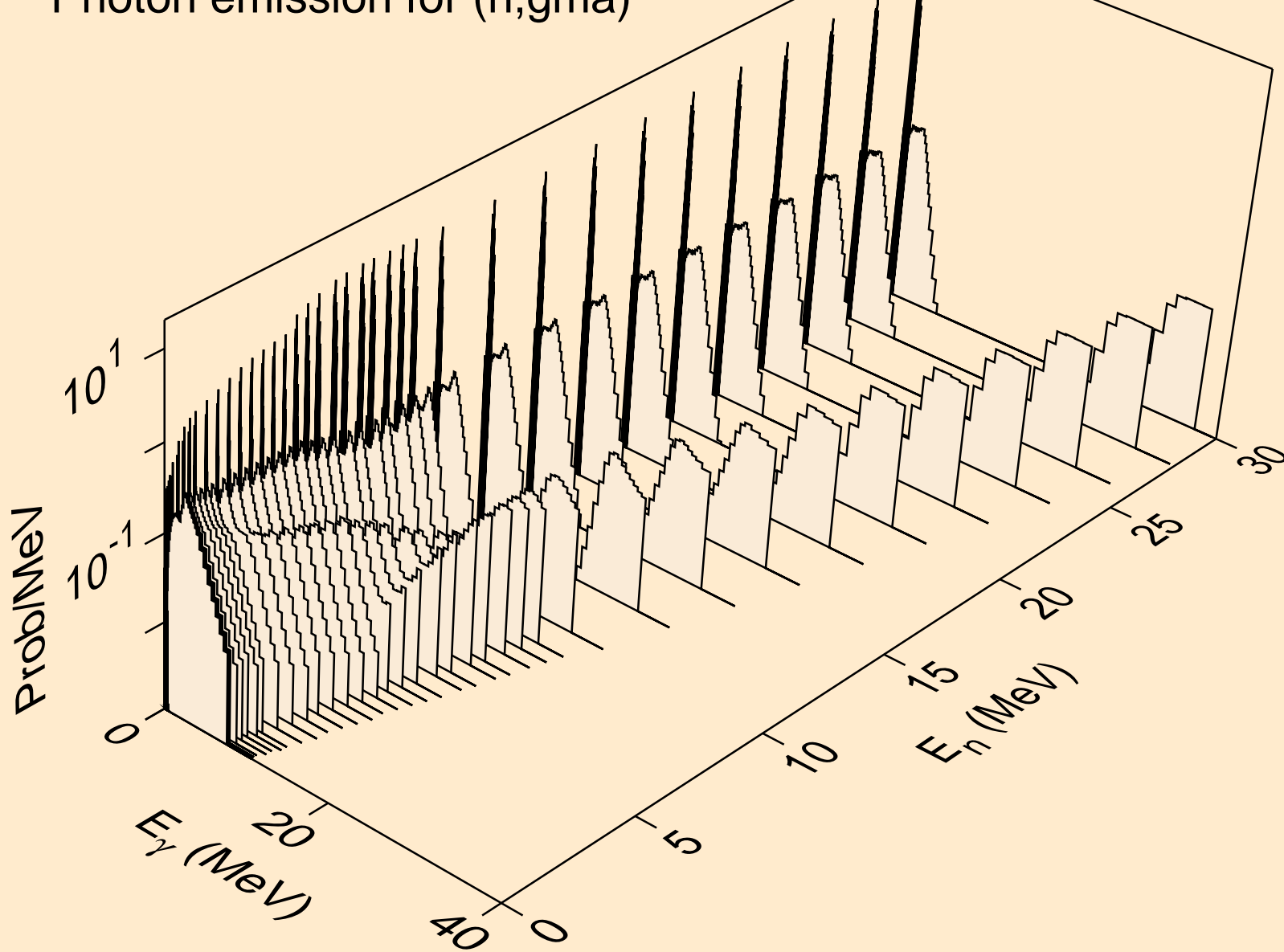
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Photon emission for (n,npa)



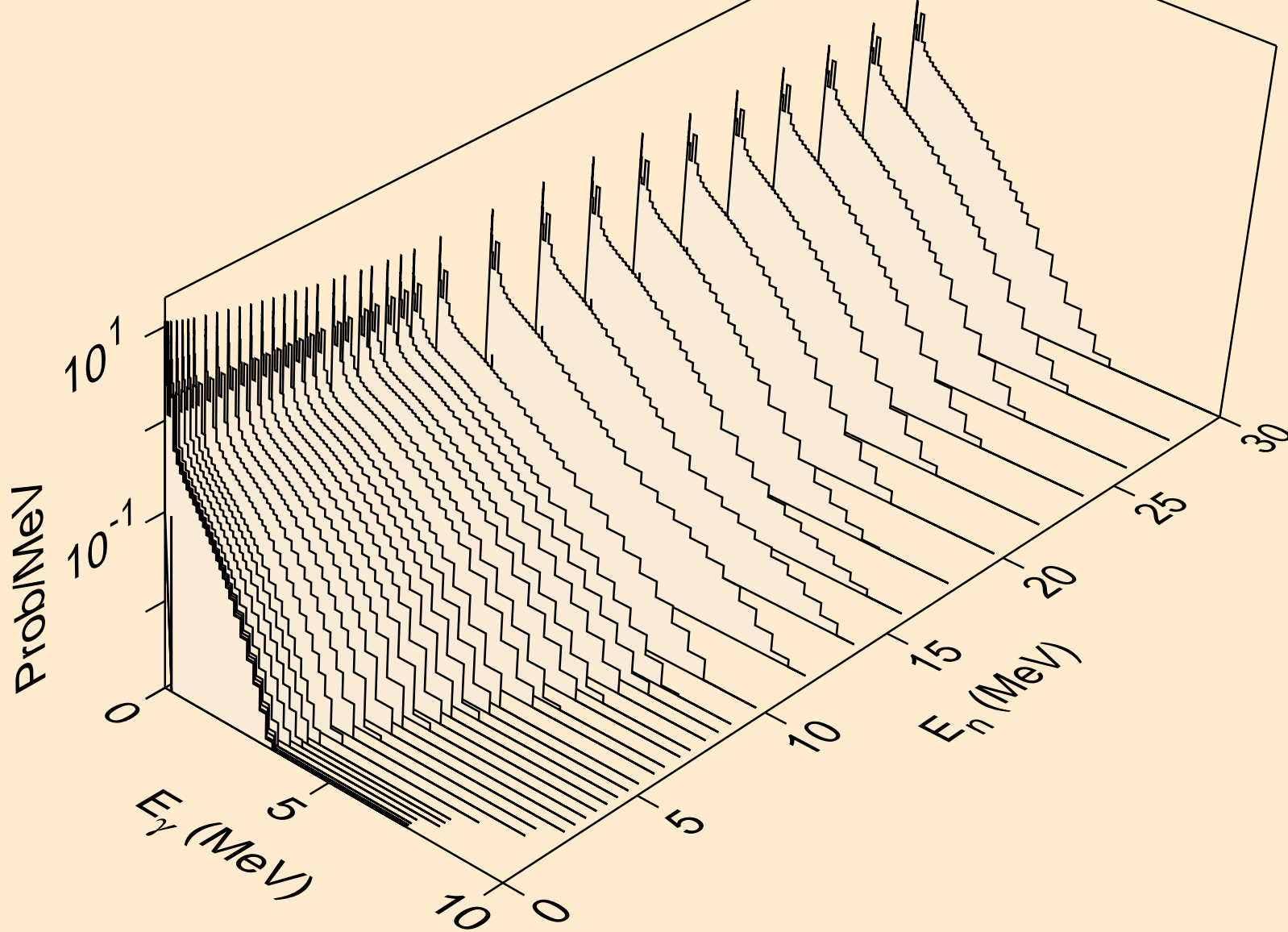
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



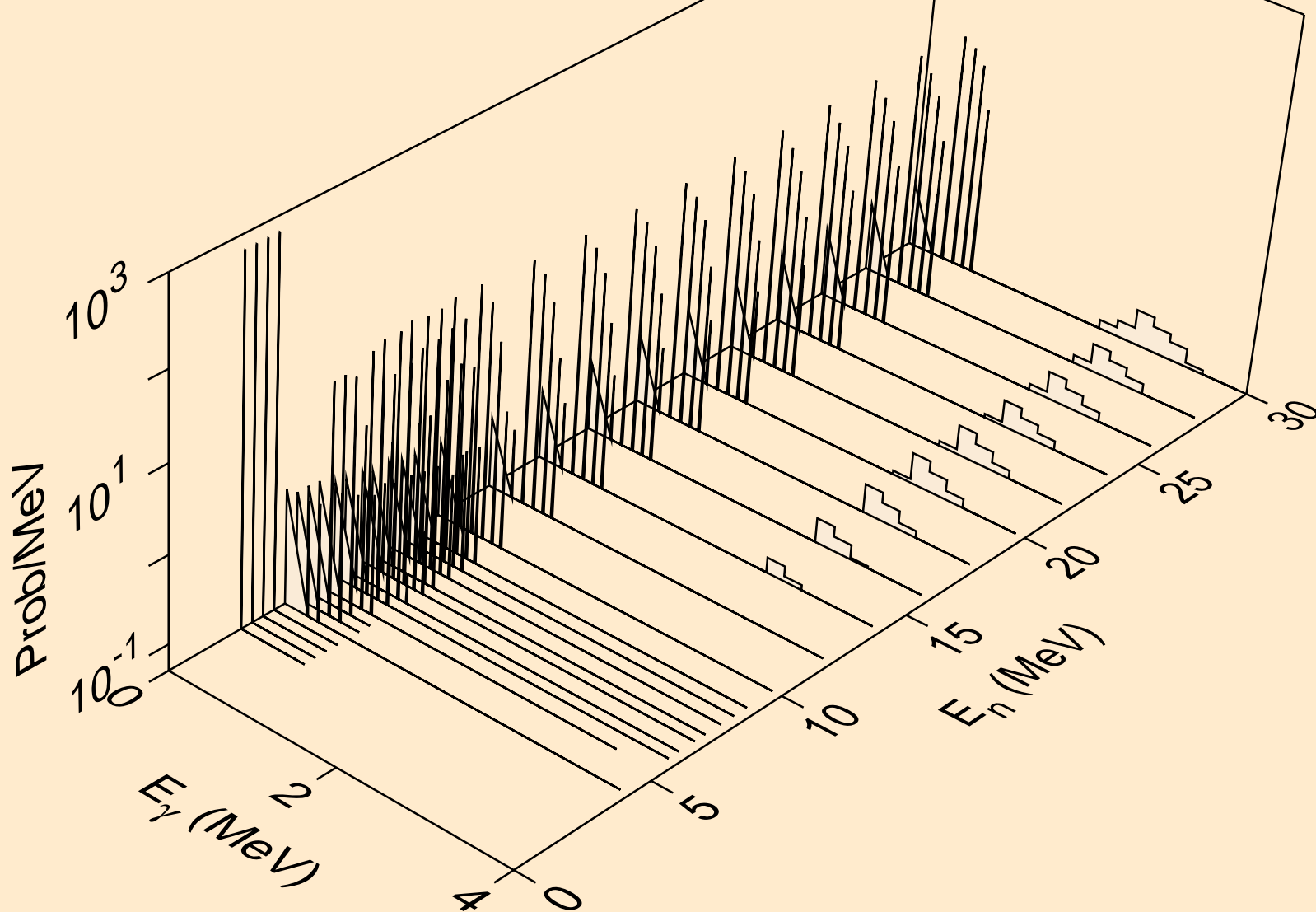
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)

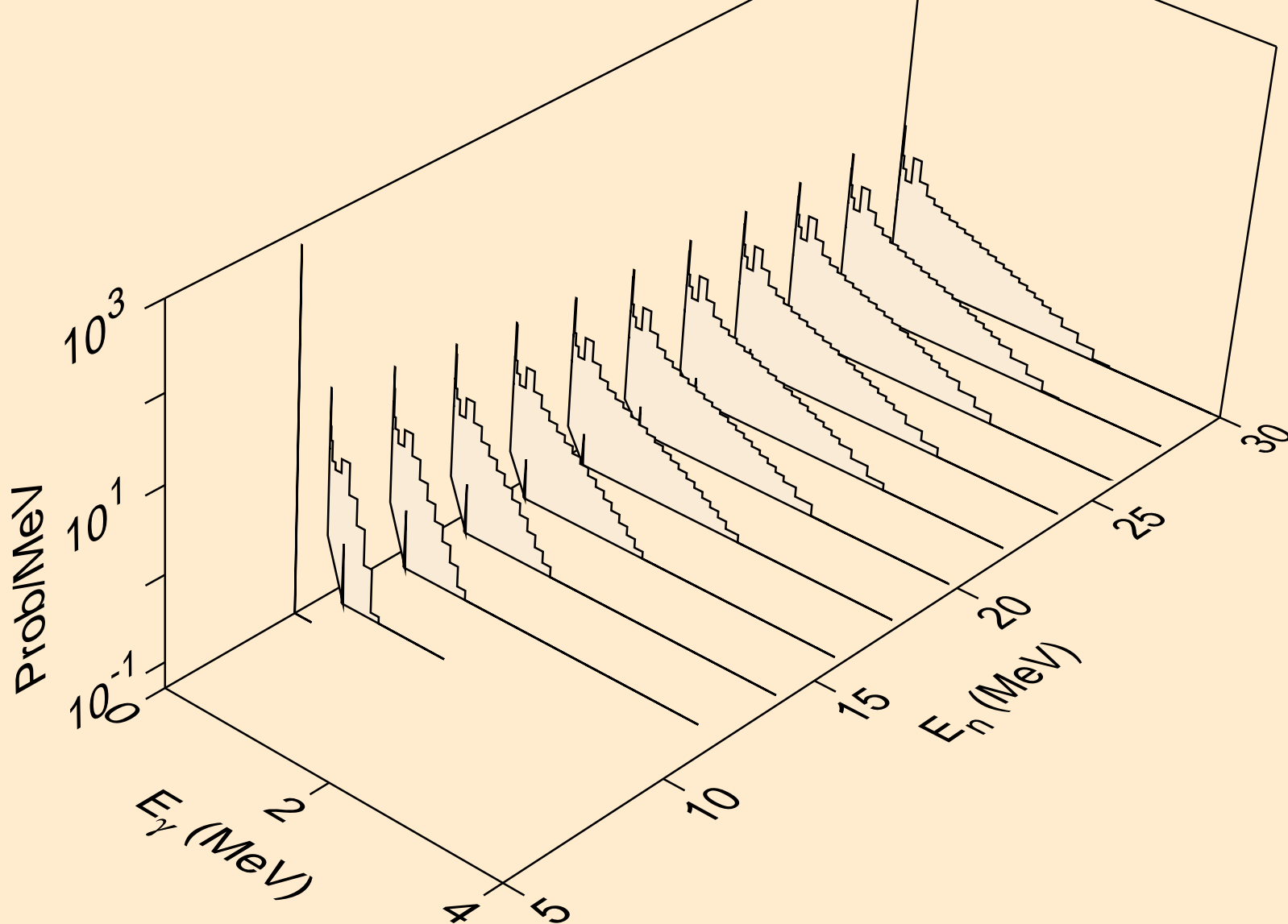


SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)

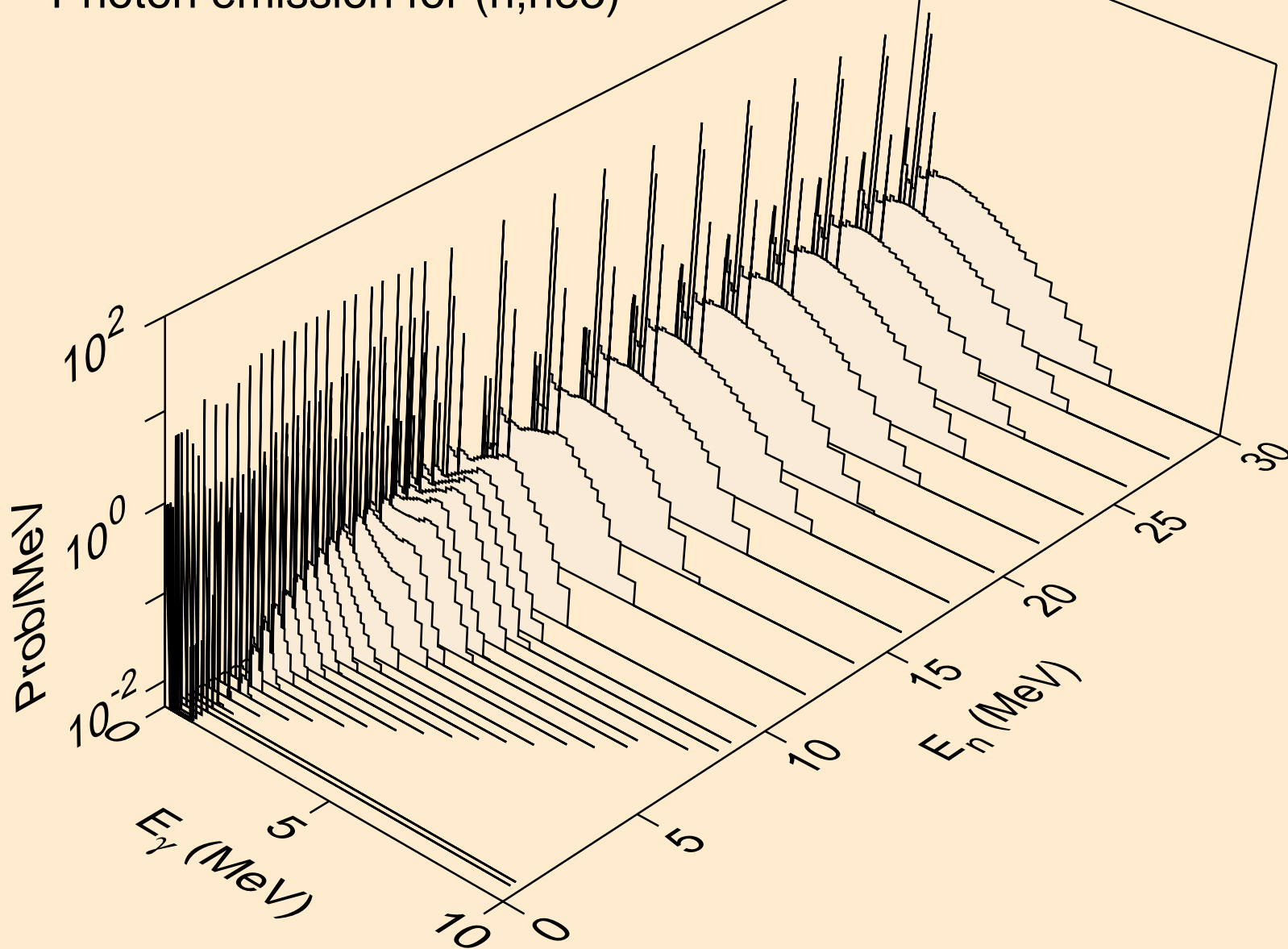




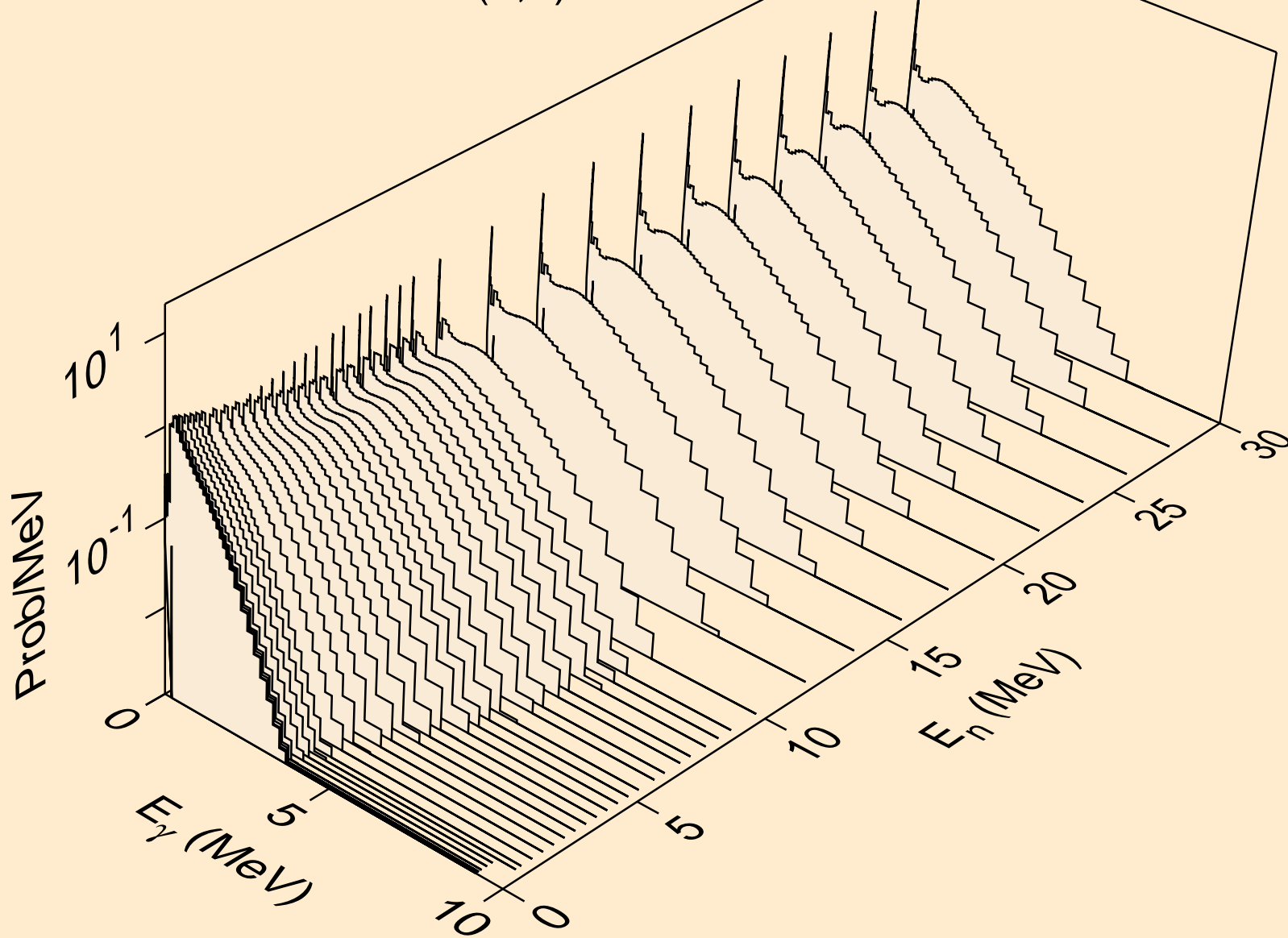
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



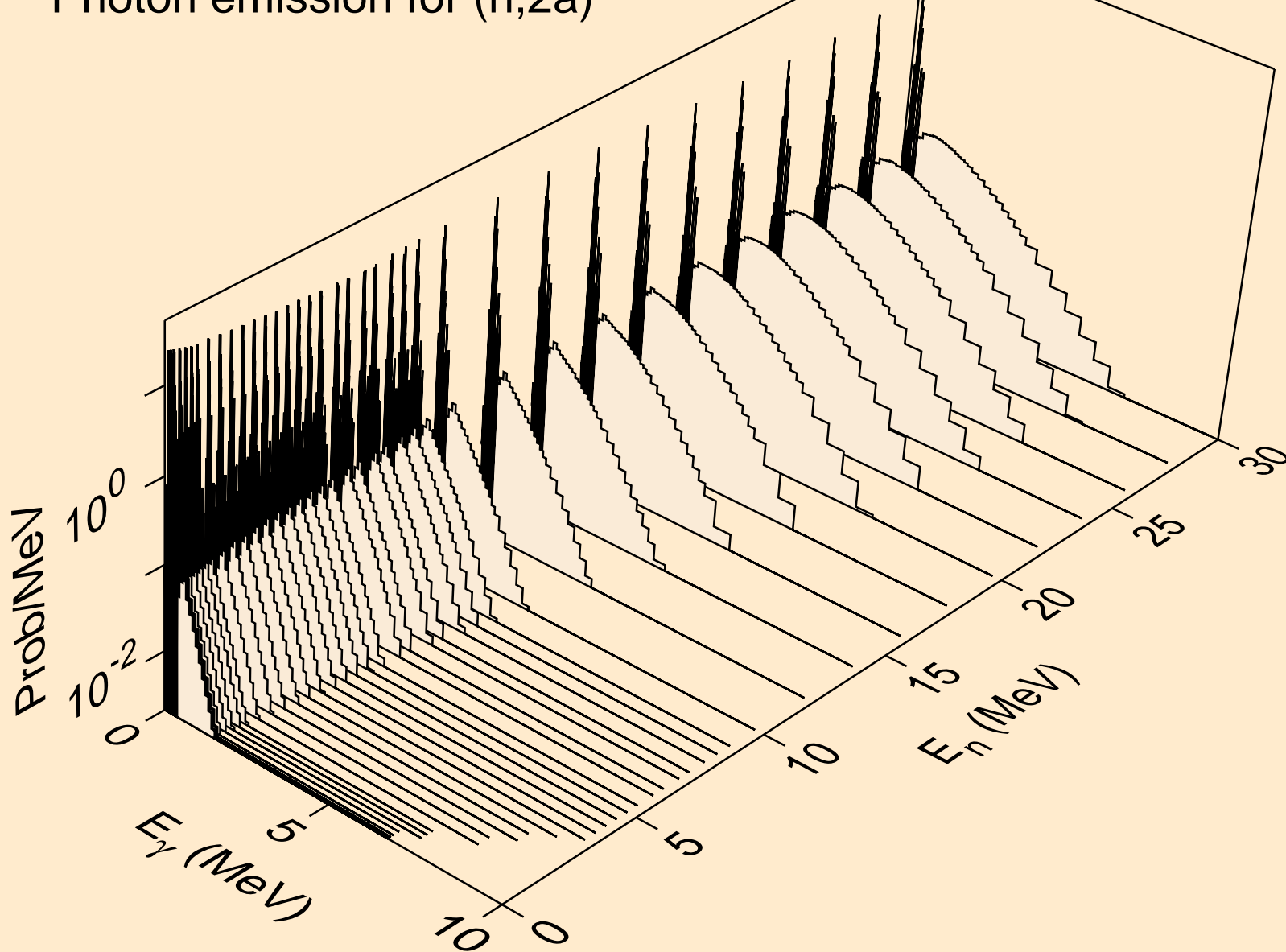
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



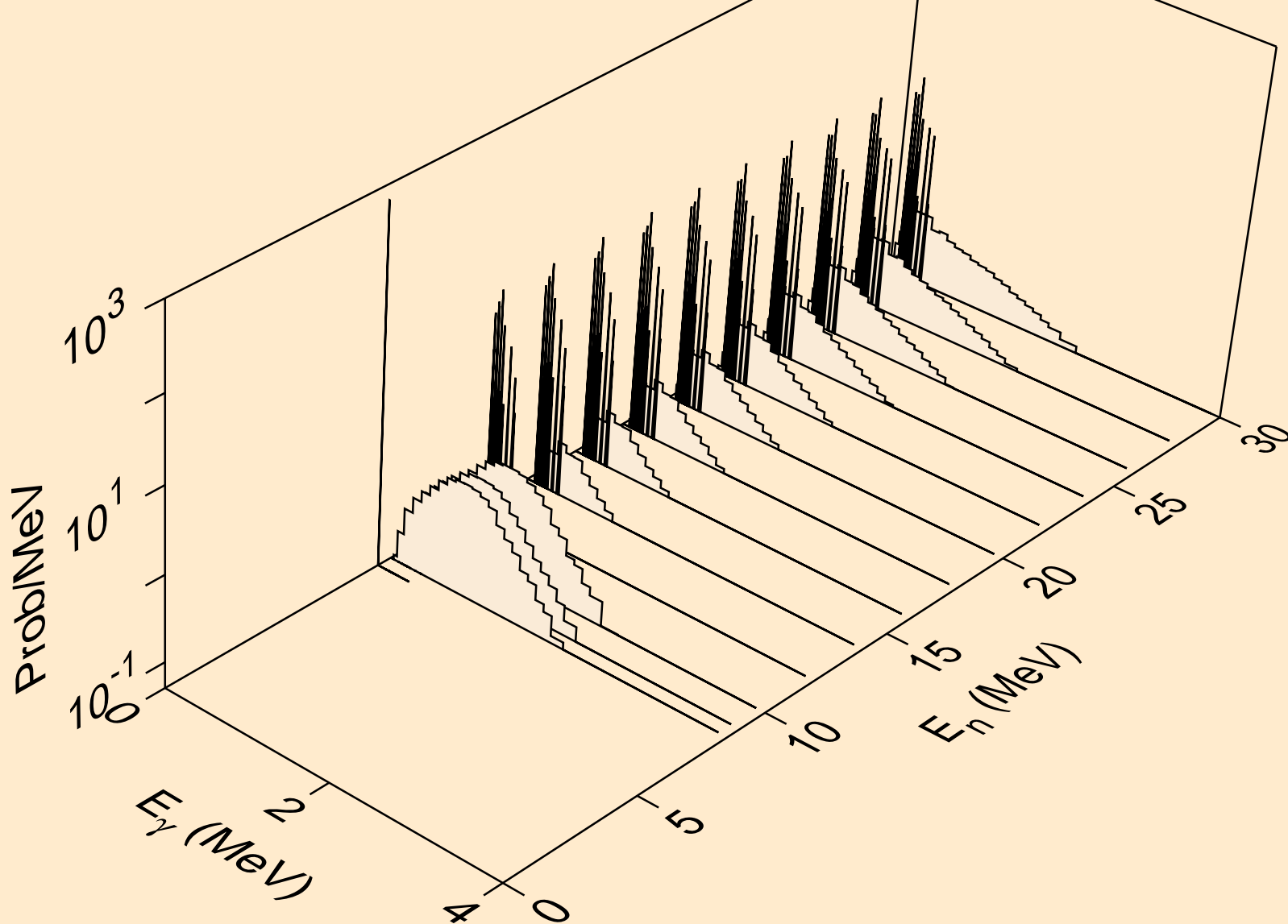
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



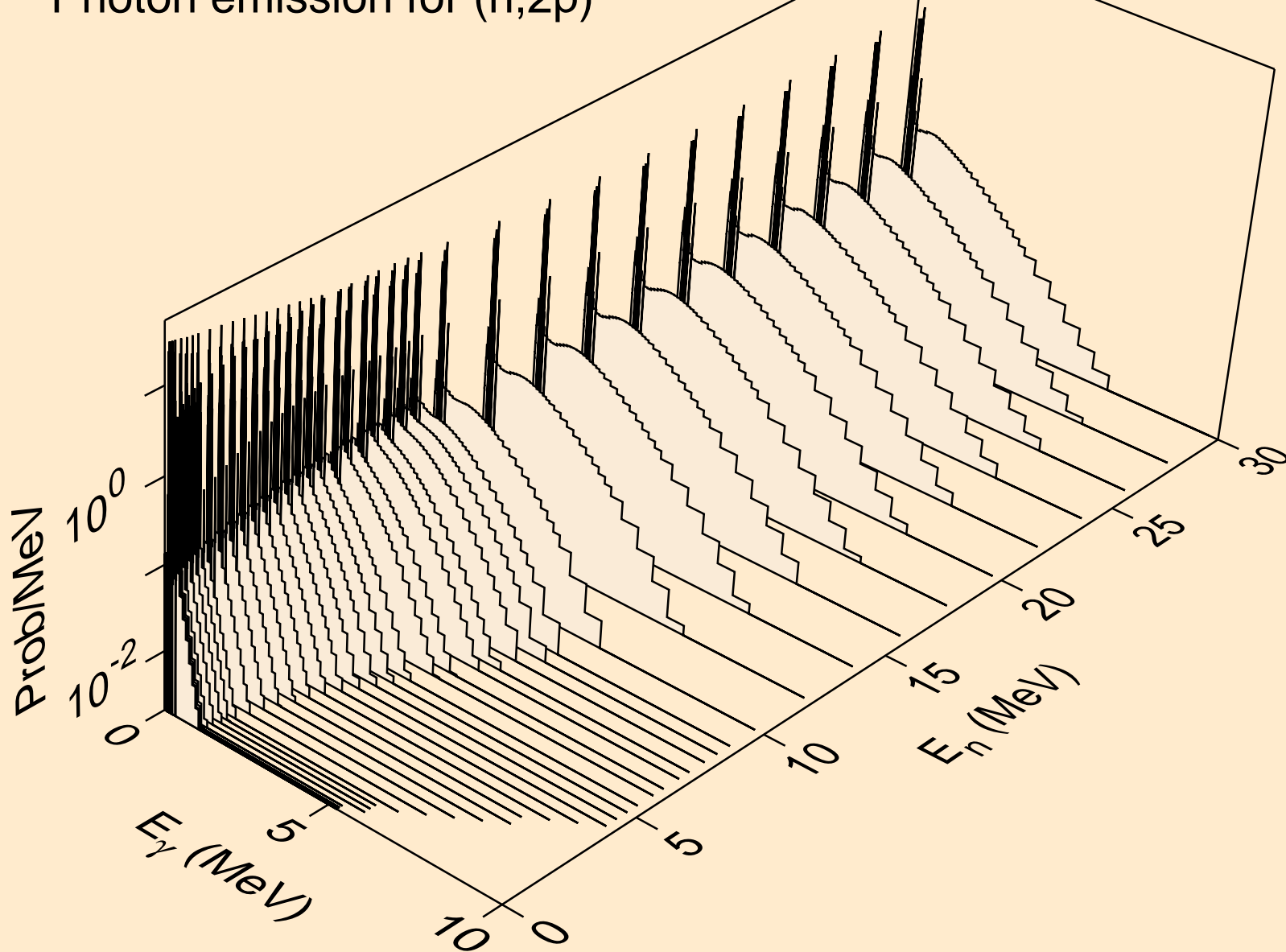
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2a)



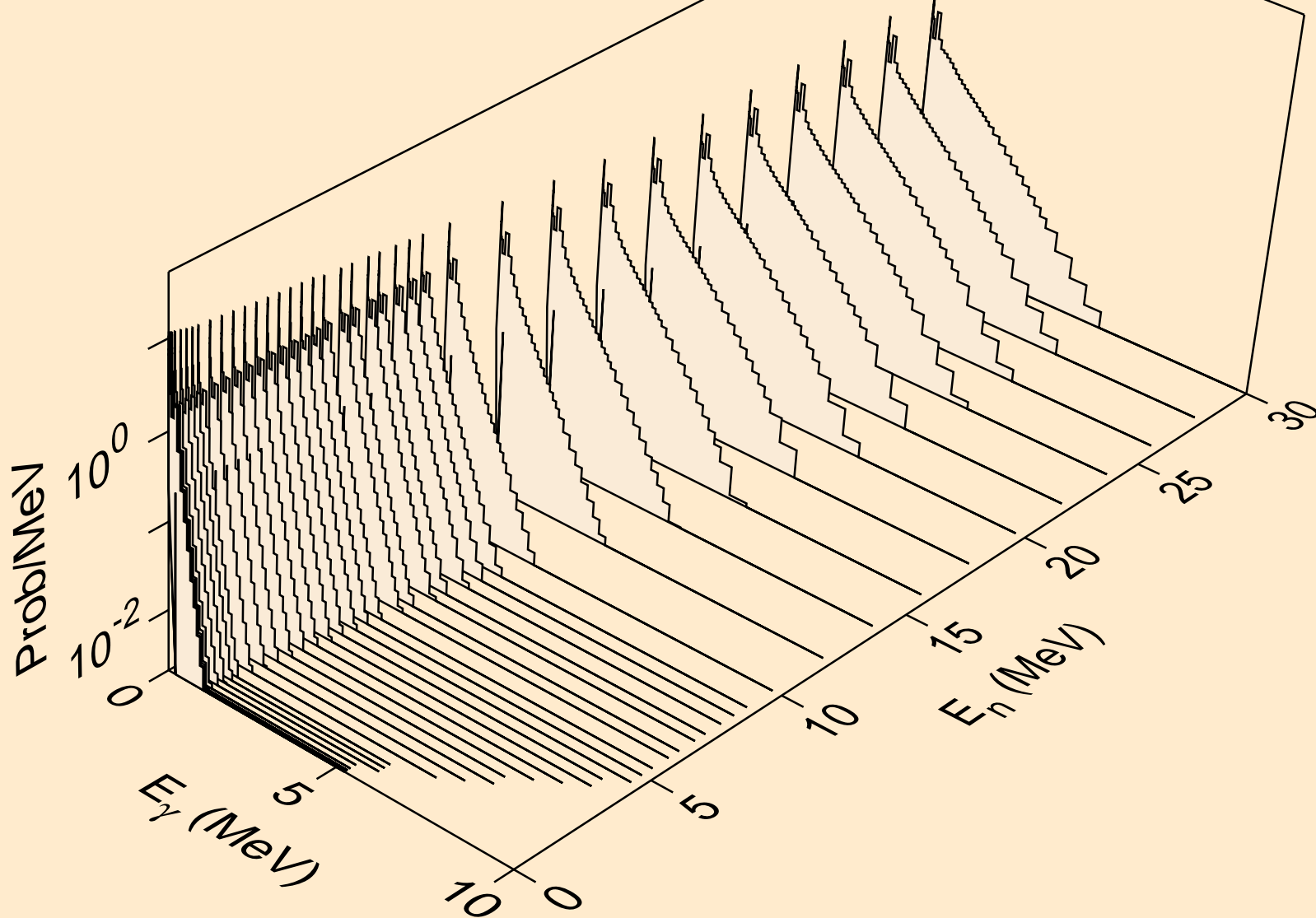
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3a)



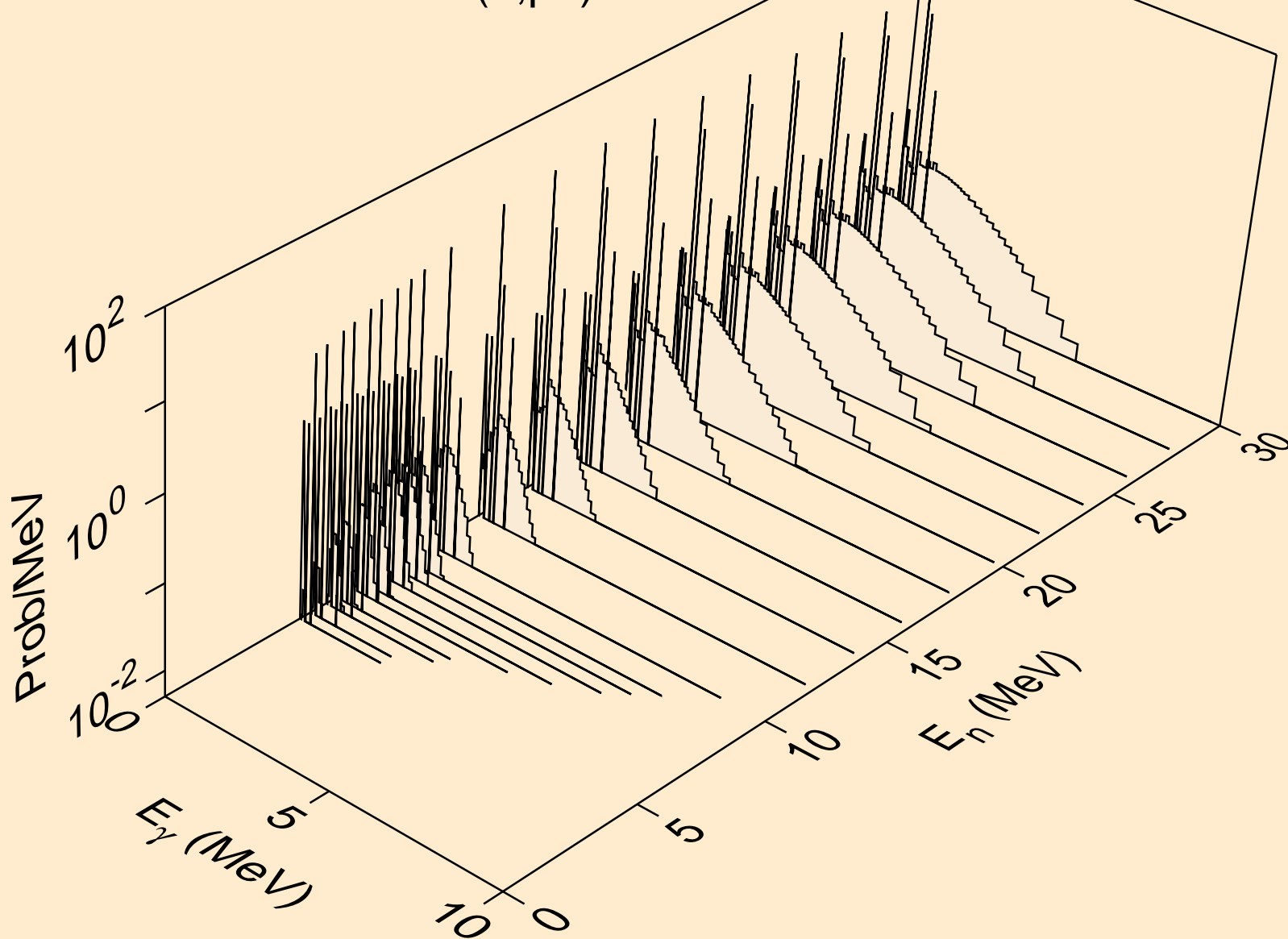
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p $\alpha$ )

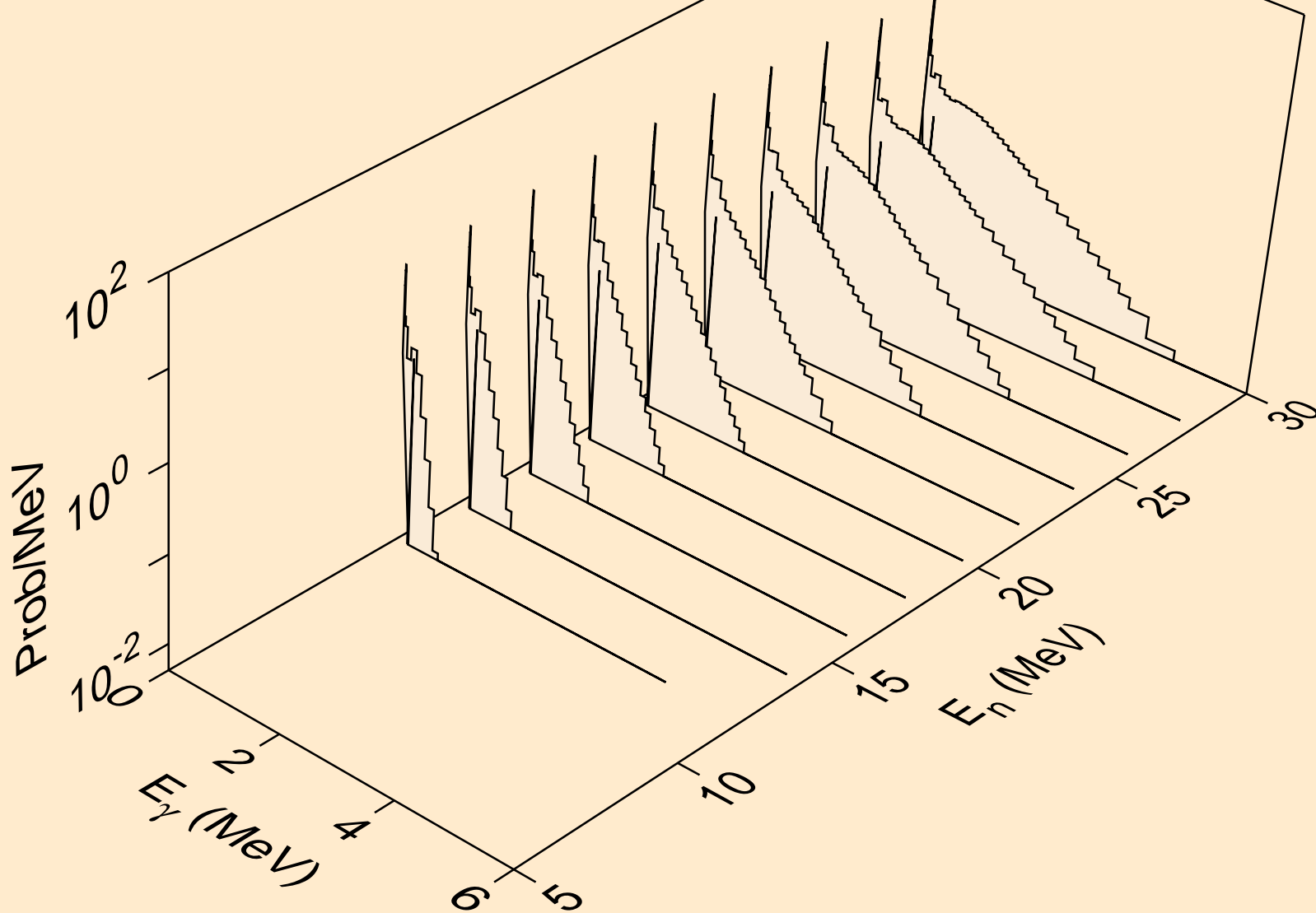


SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pd)

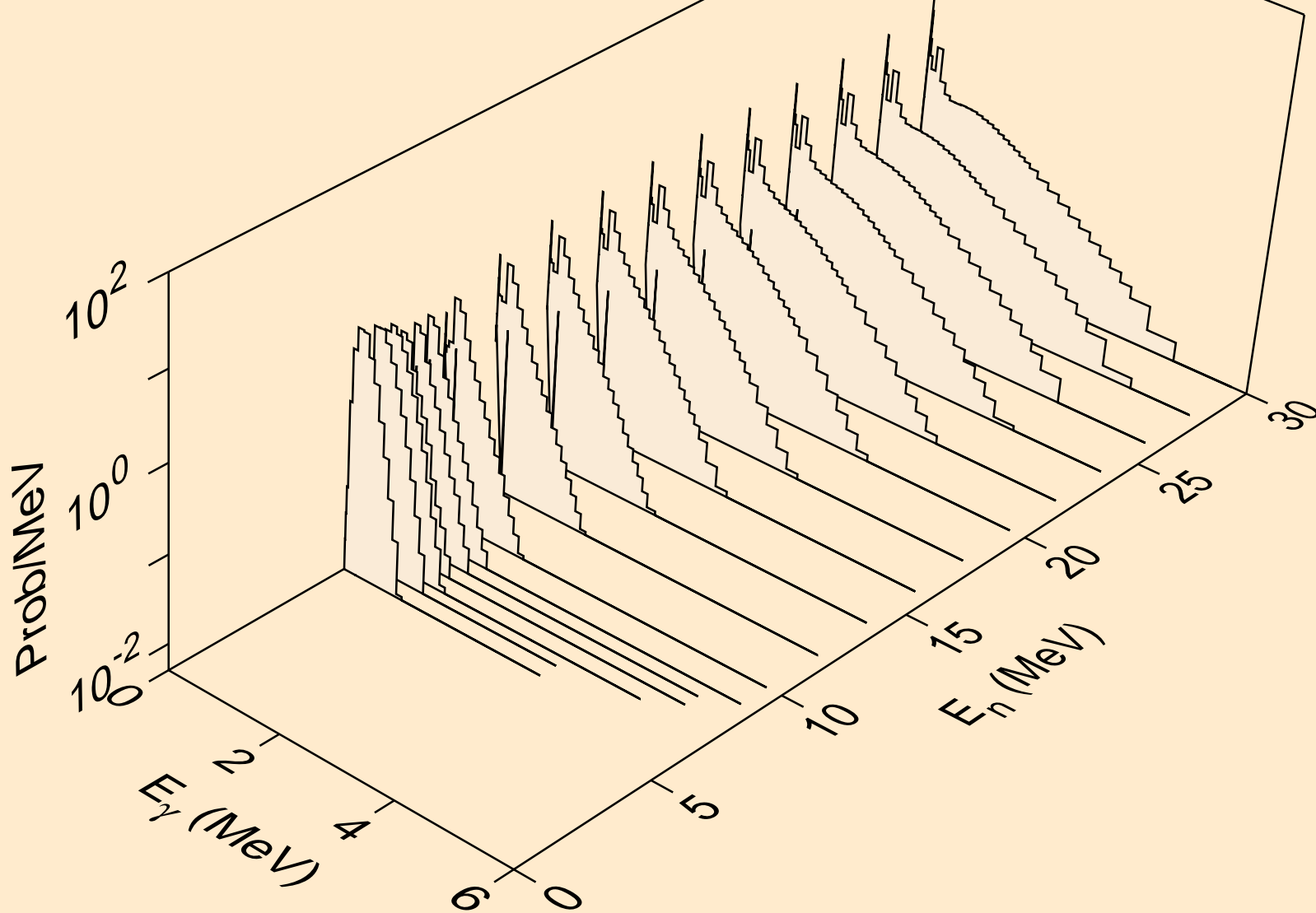




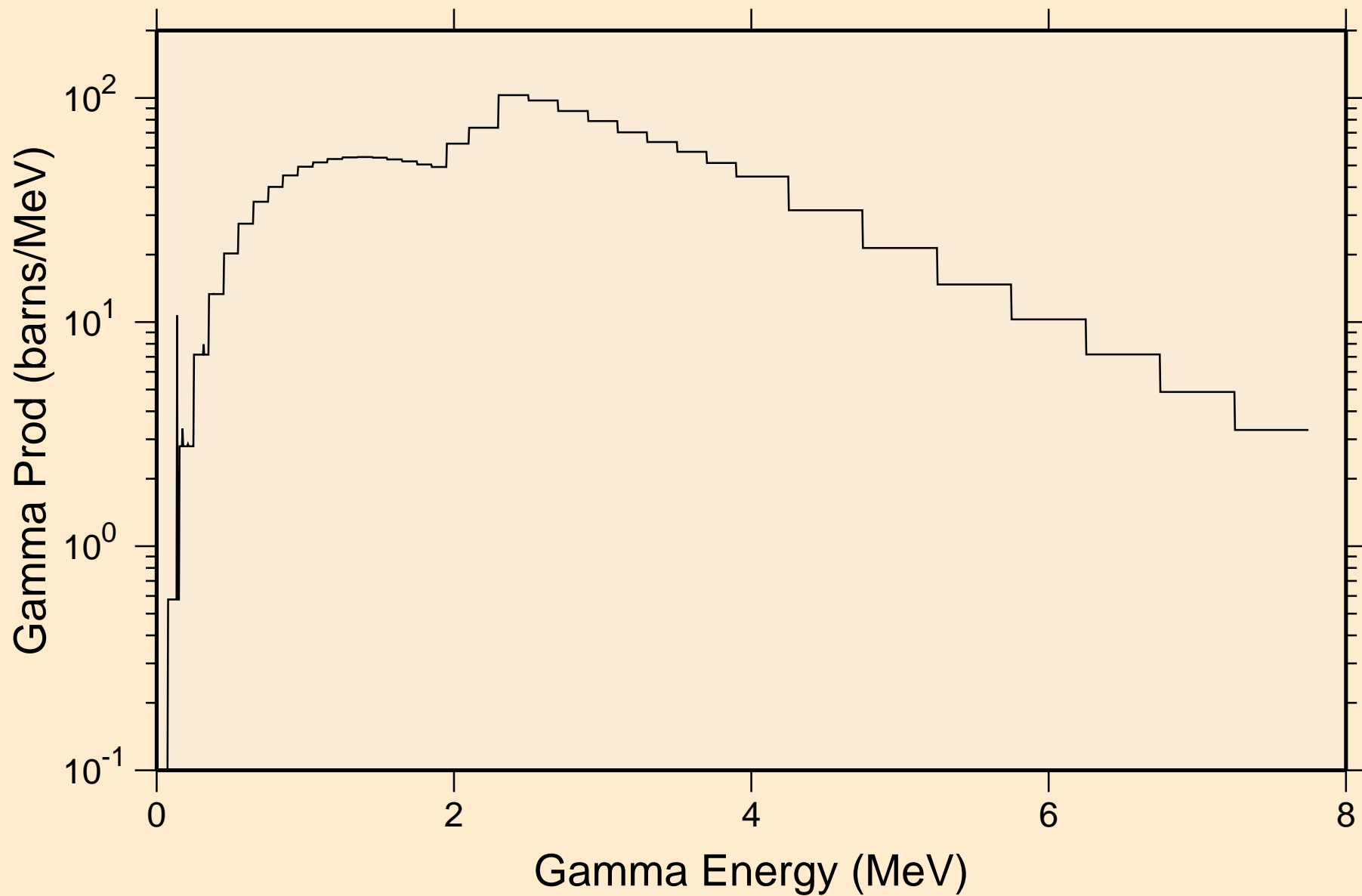
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pt)



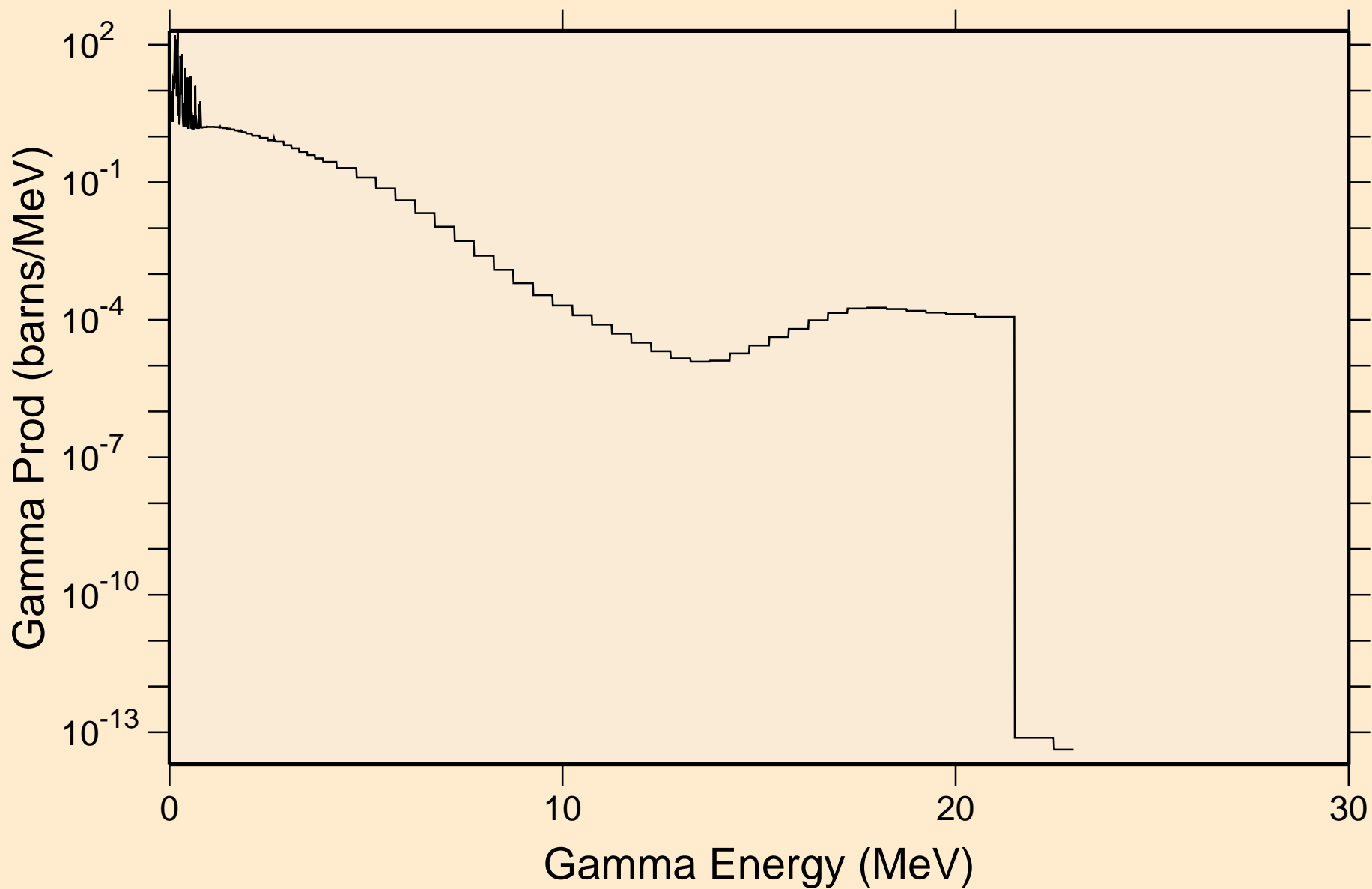
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)



SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

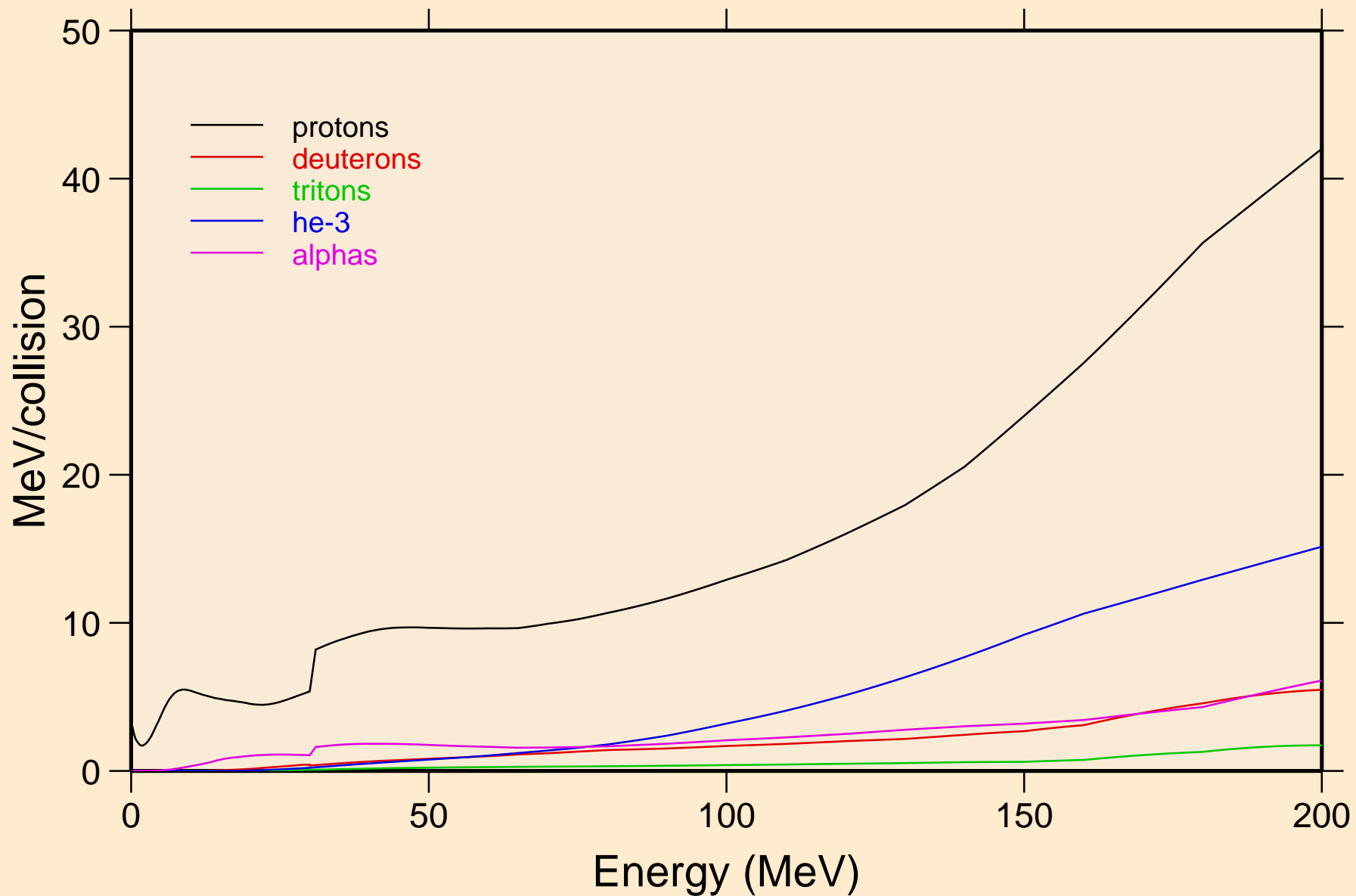


SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

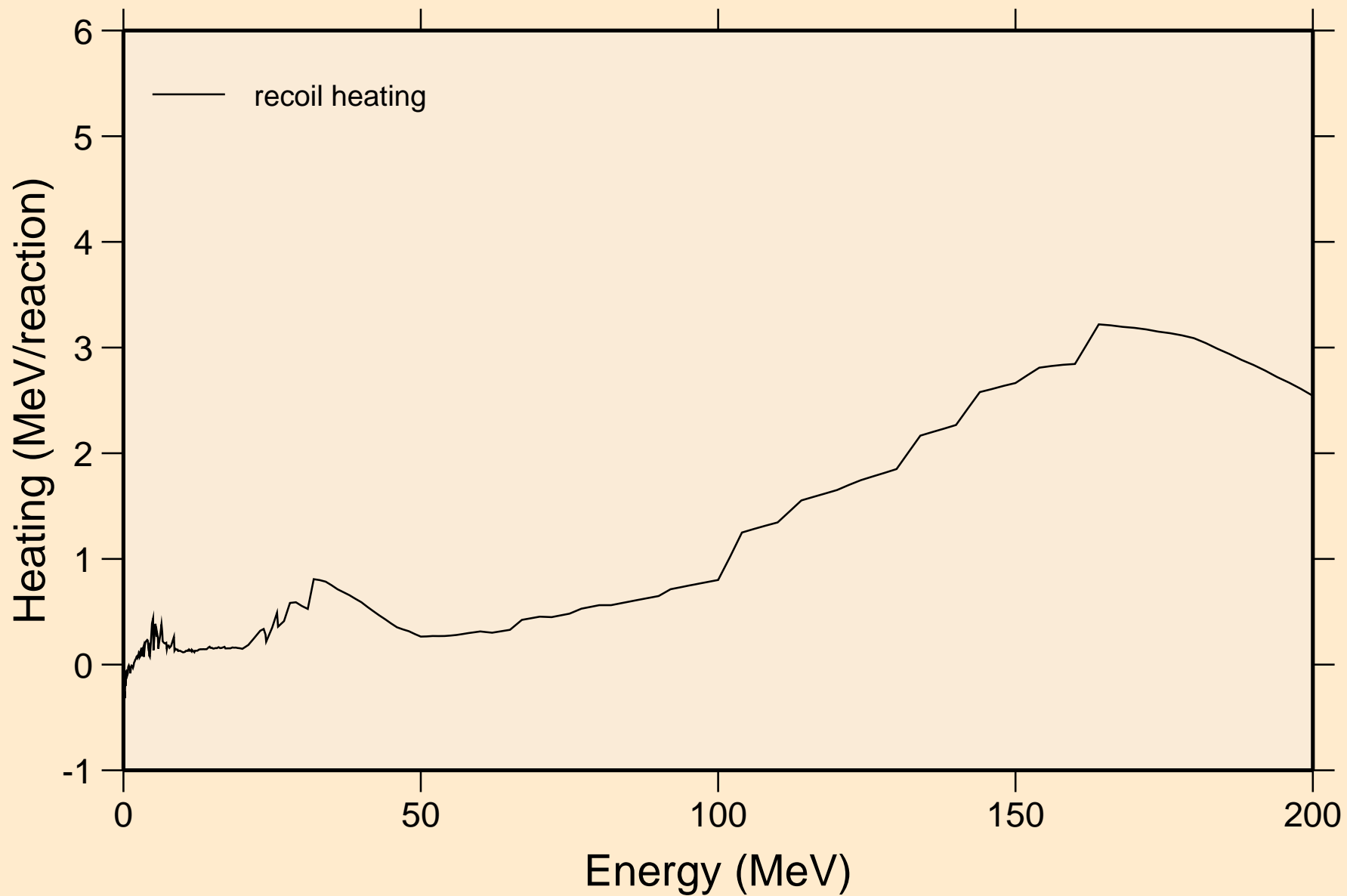


# SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

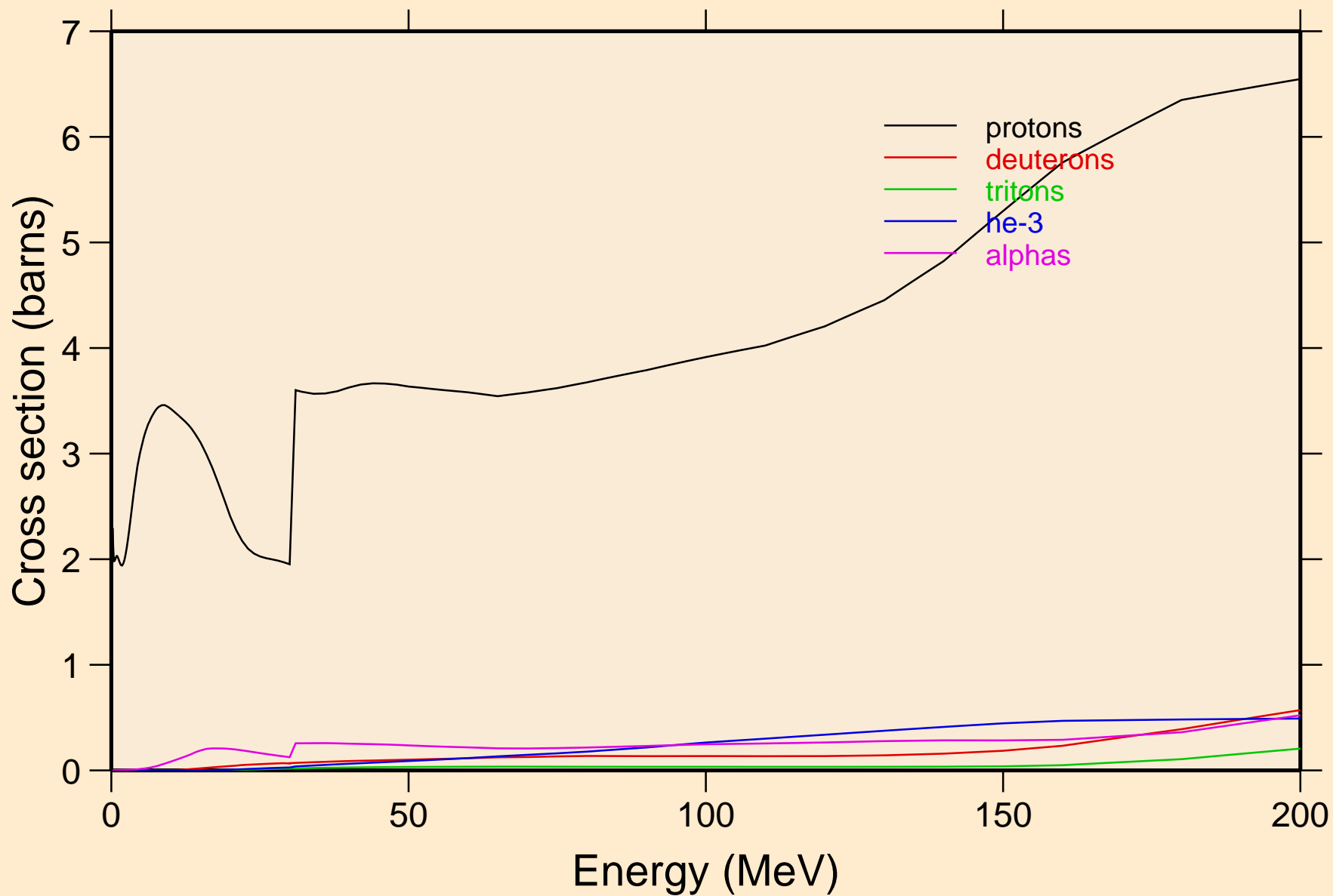
## Particle heating contributions



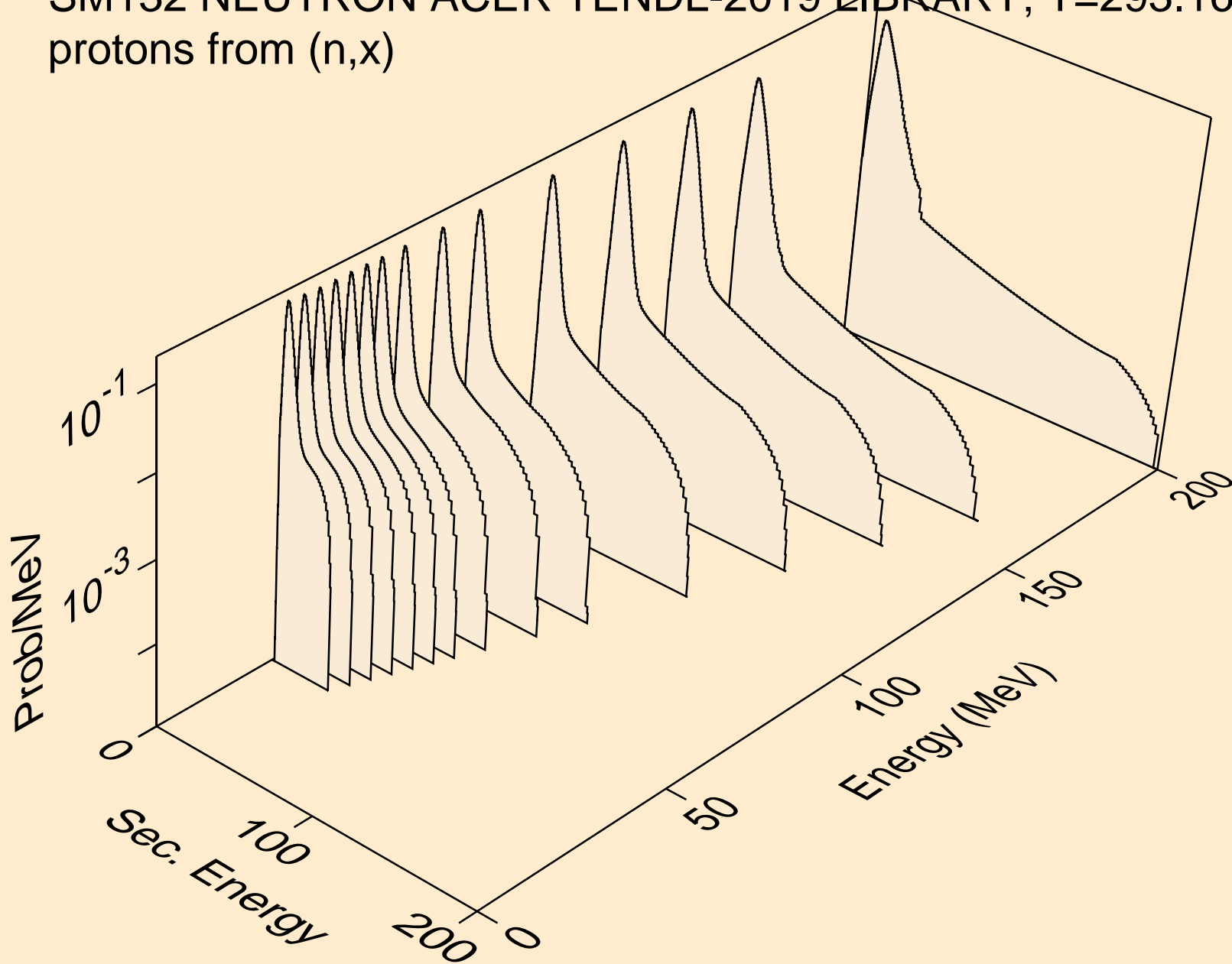
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections

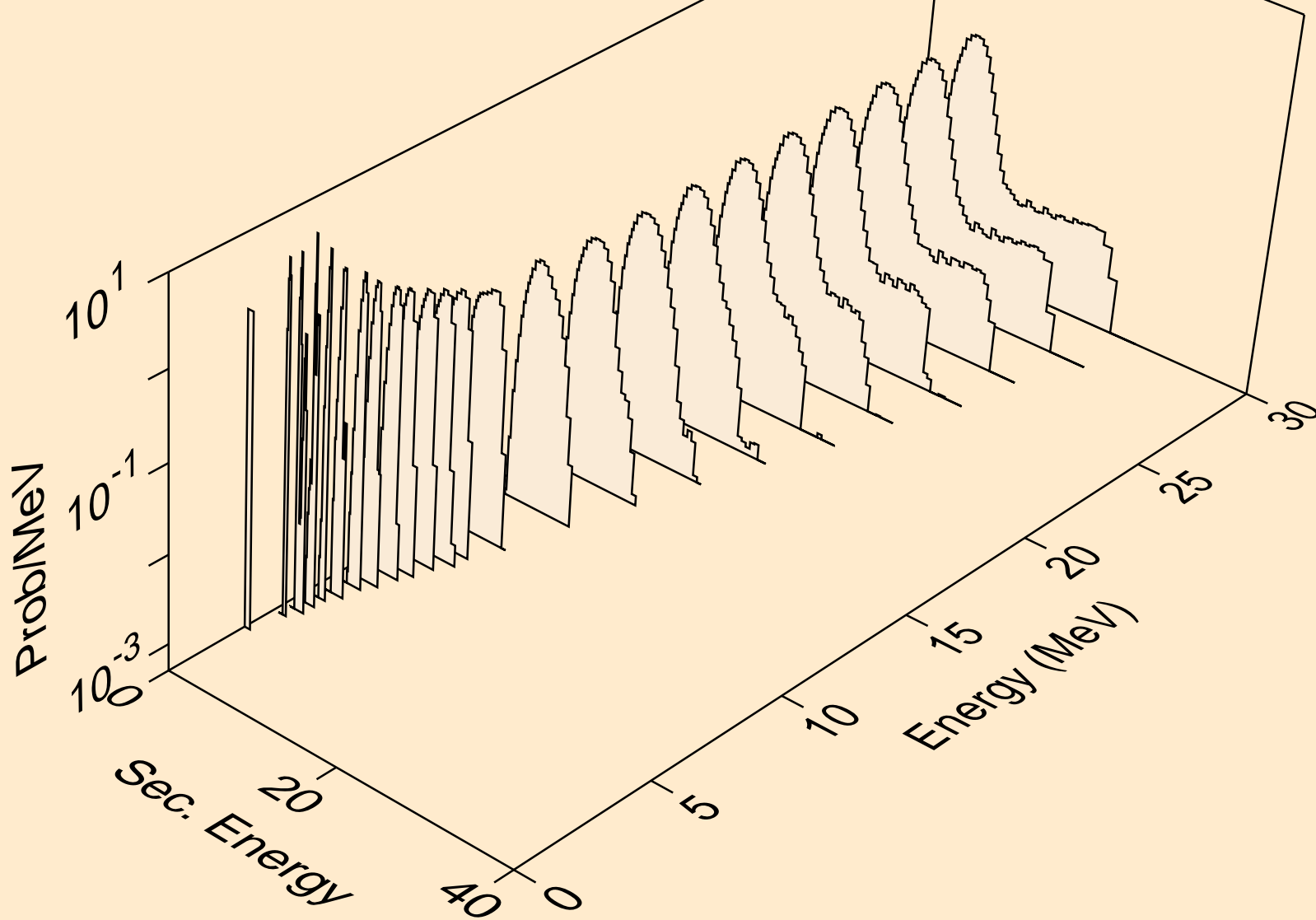


SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)

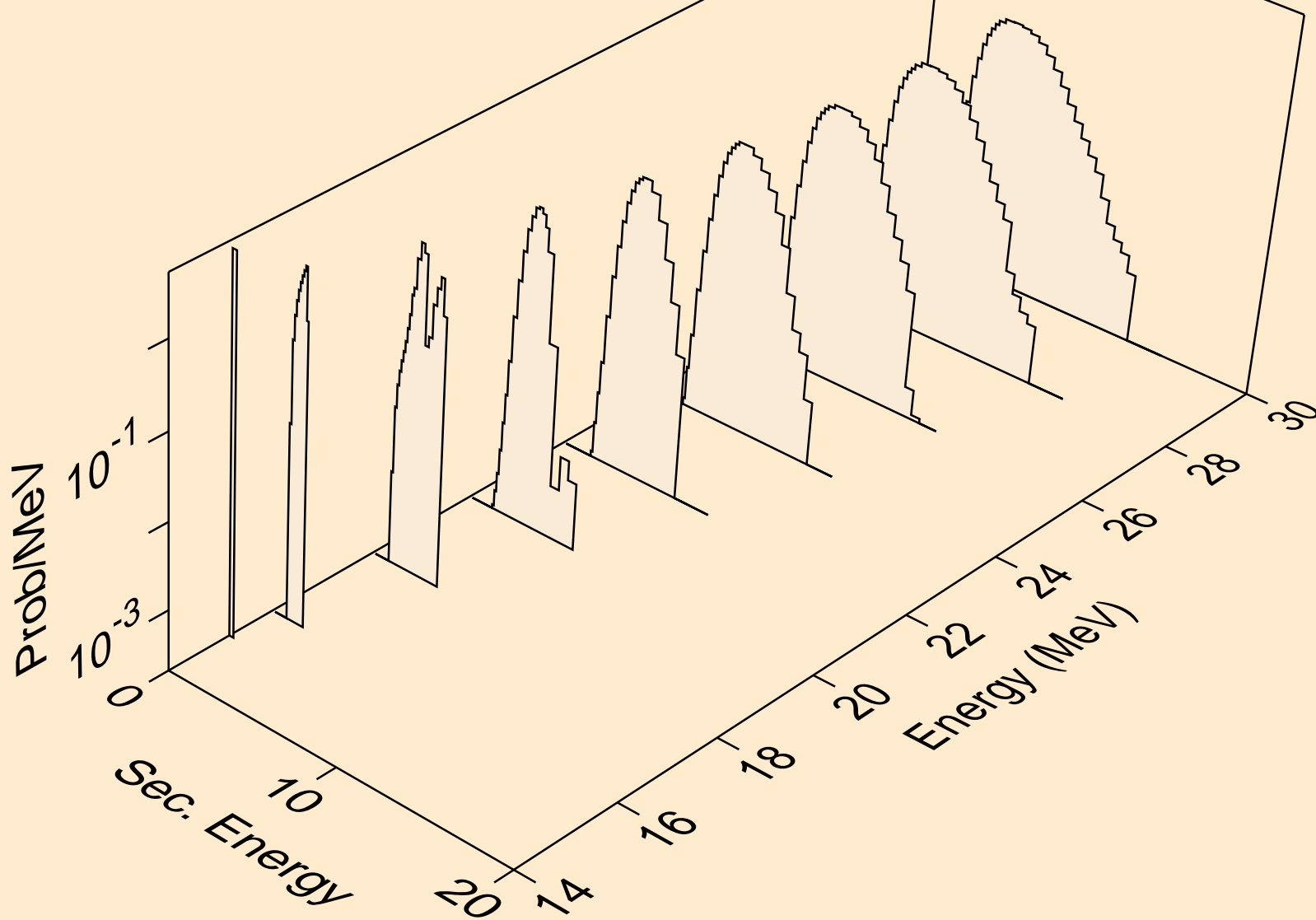




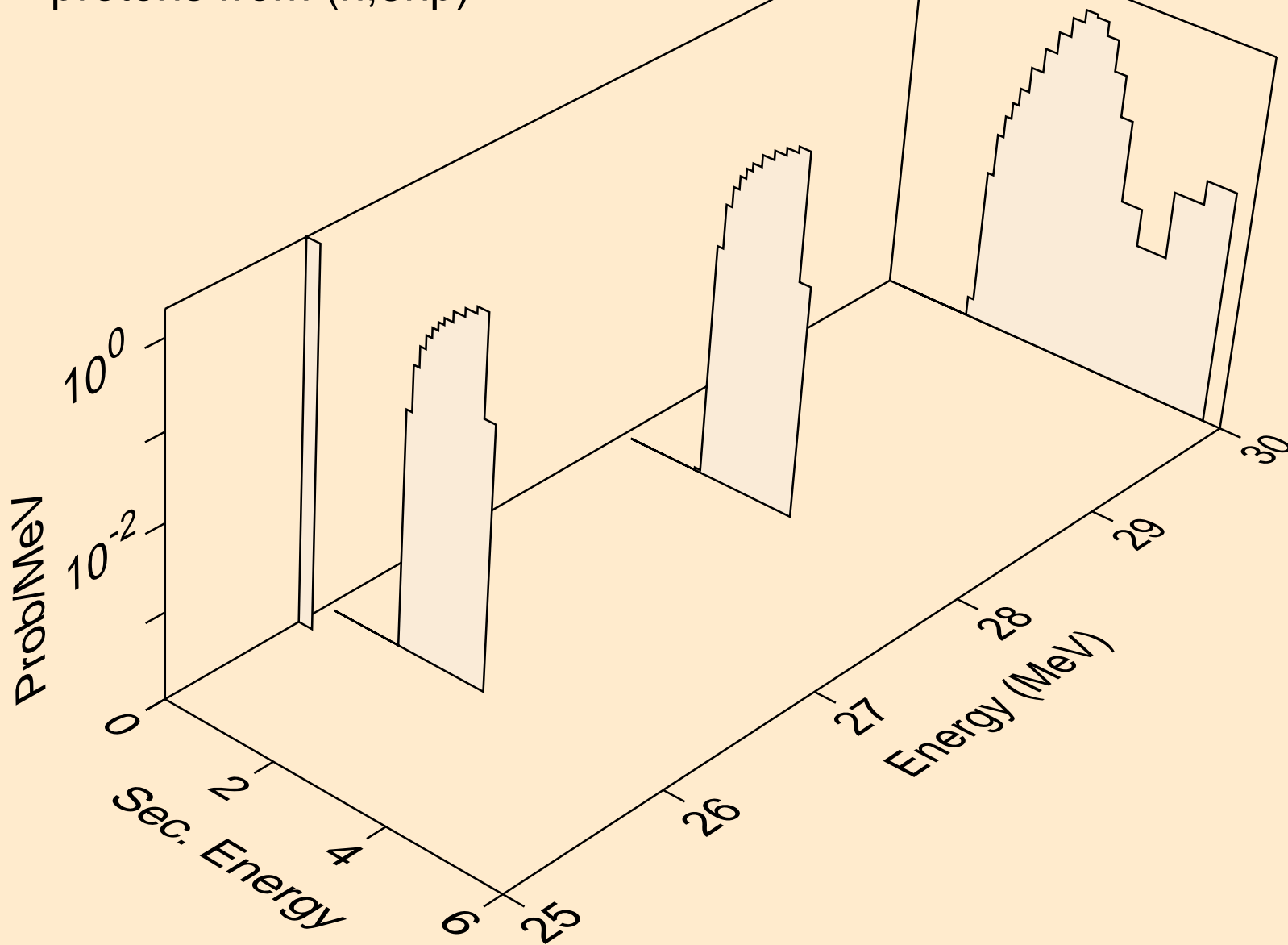
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



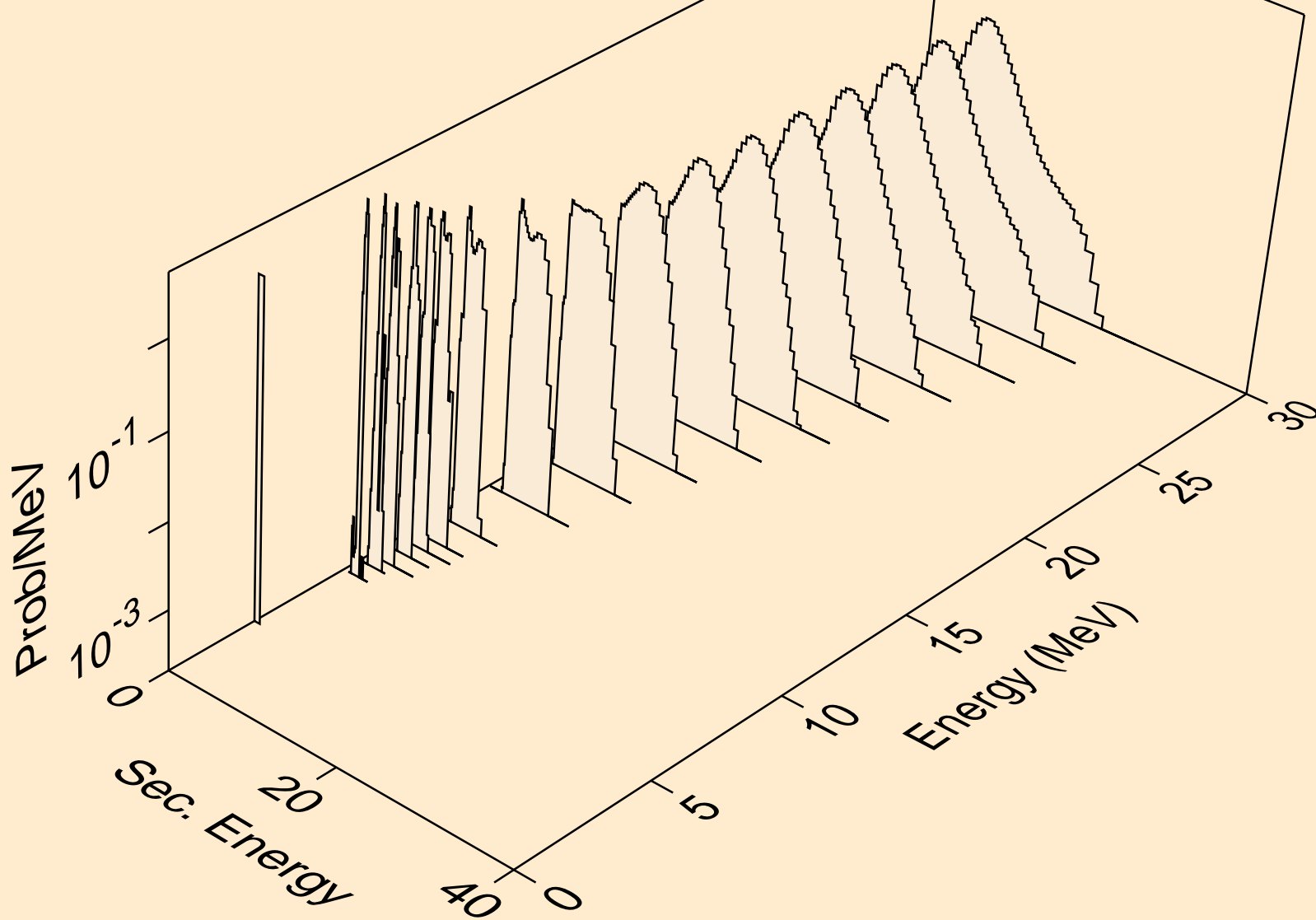
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



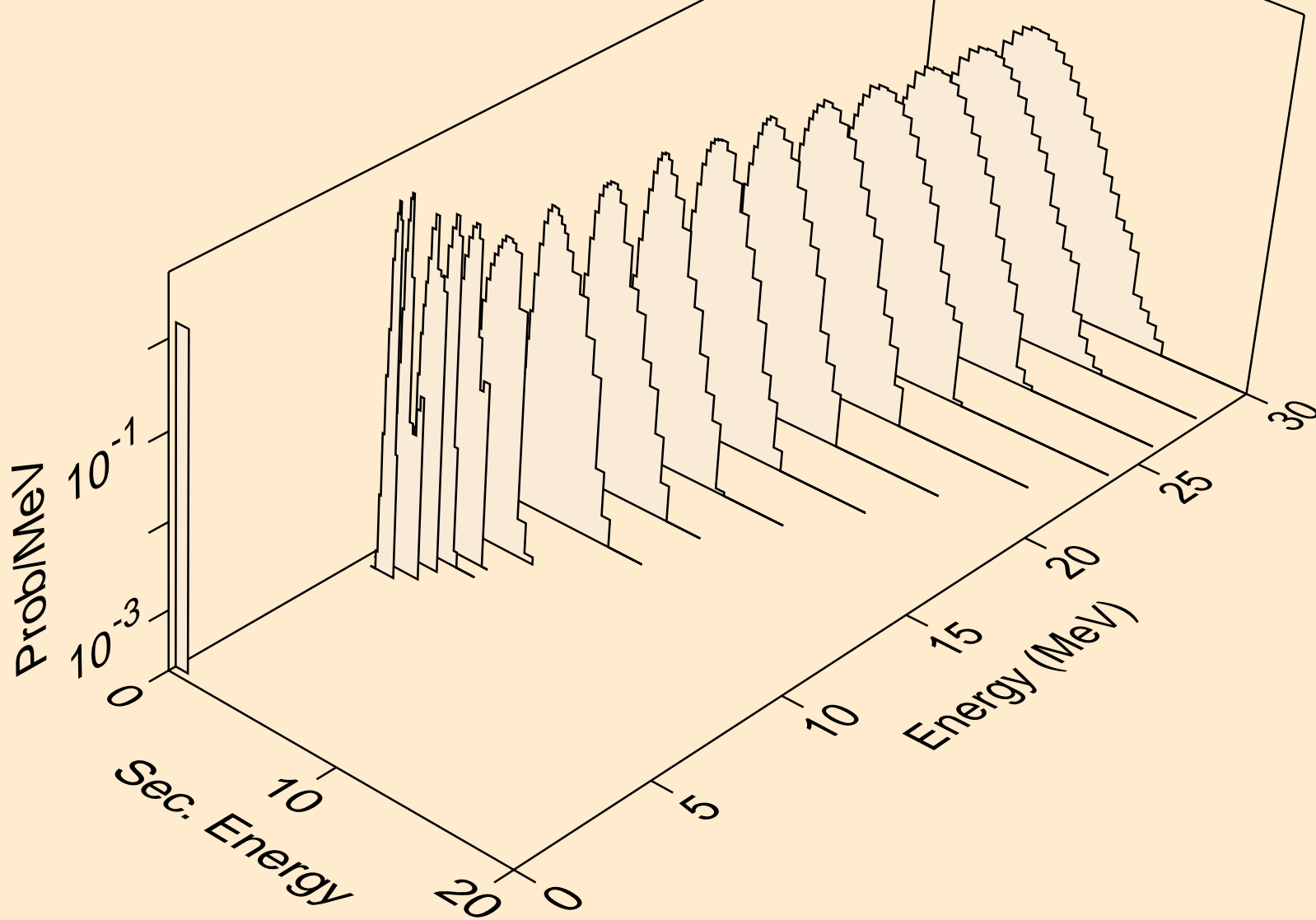
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



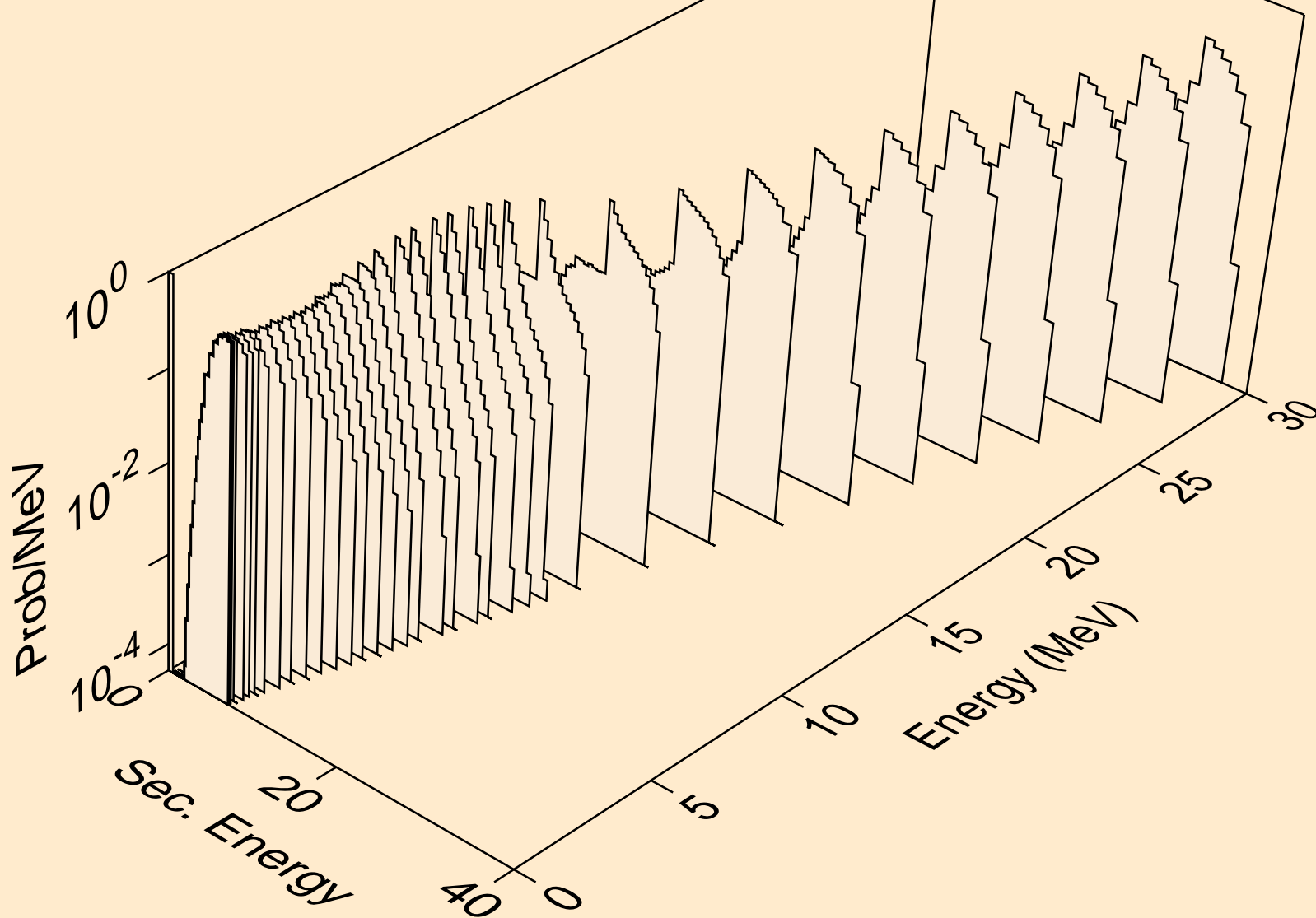
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



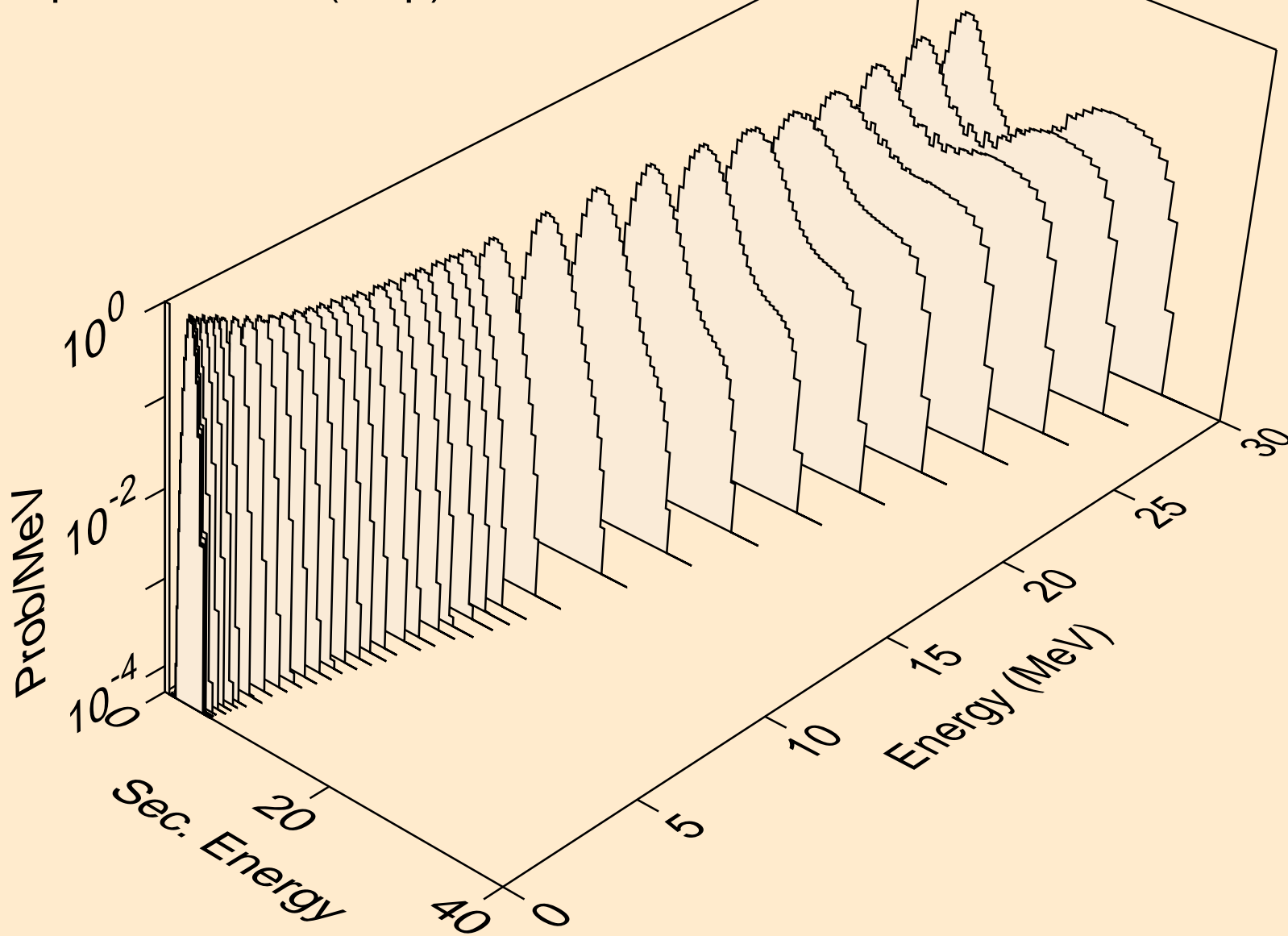
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,npa)



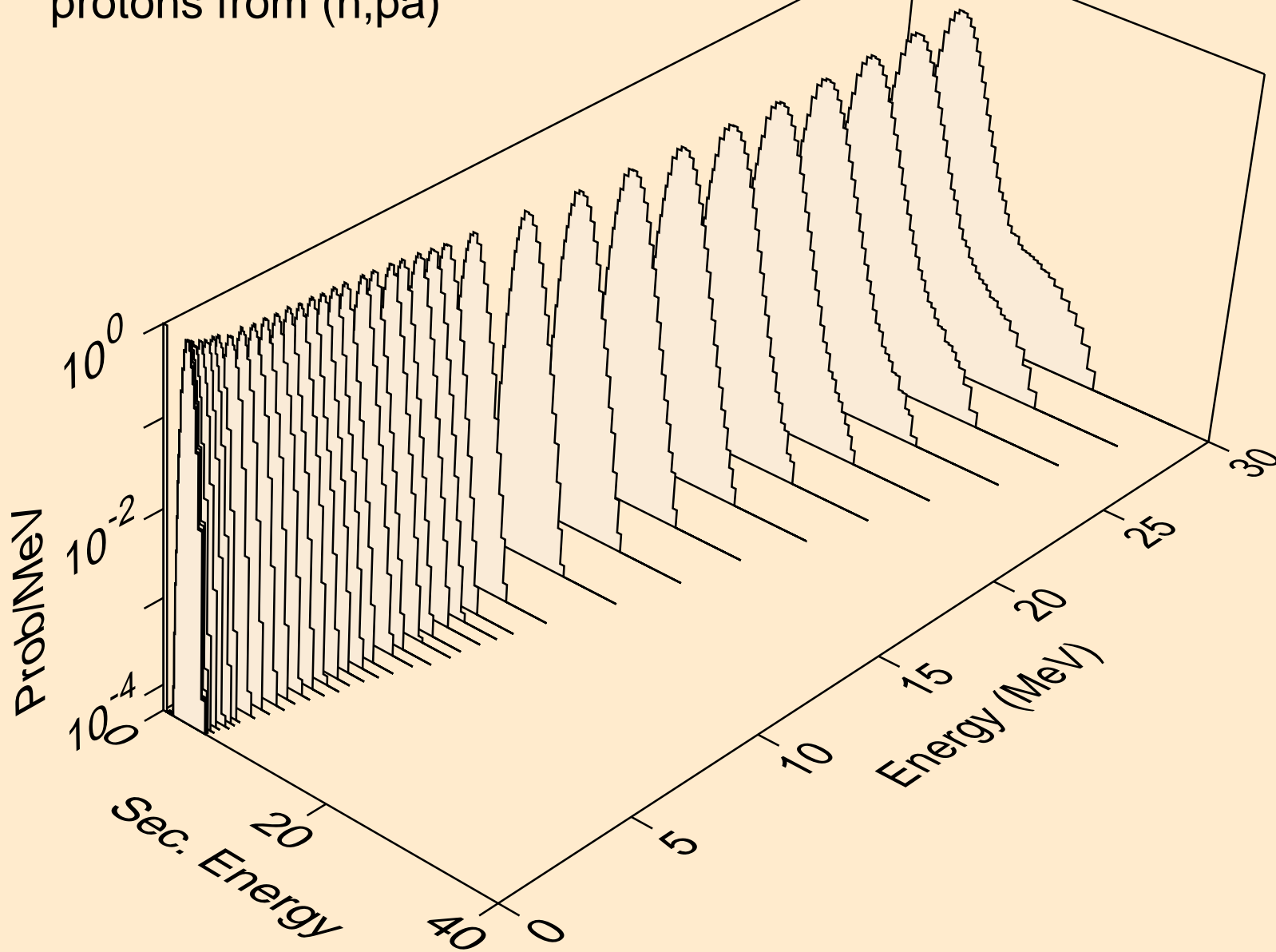
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)

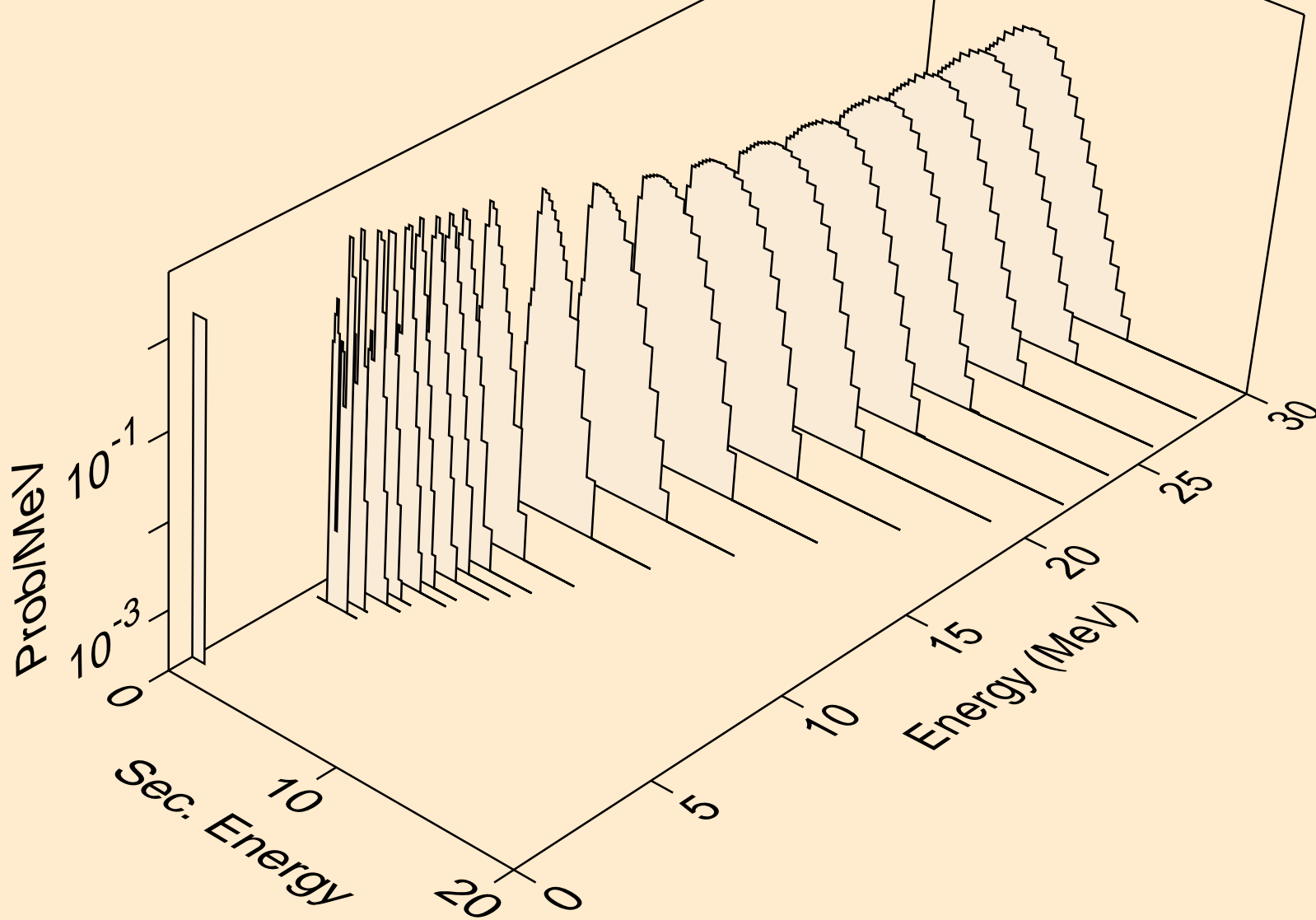


SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)

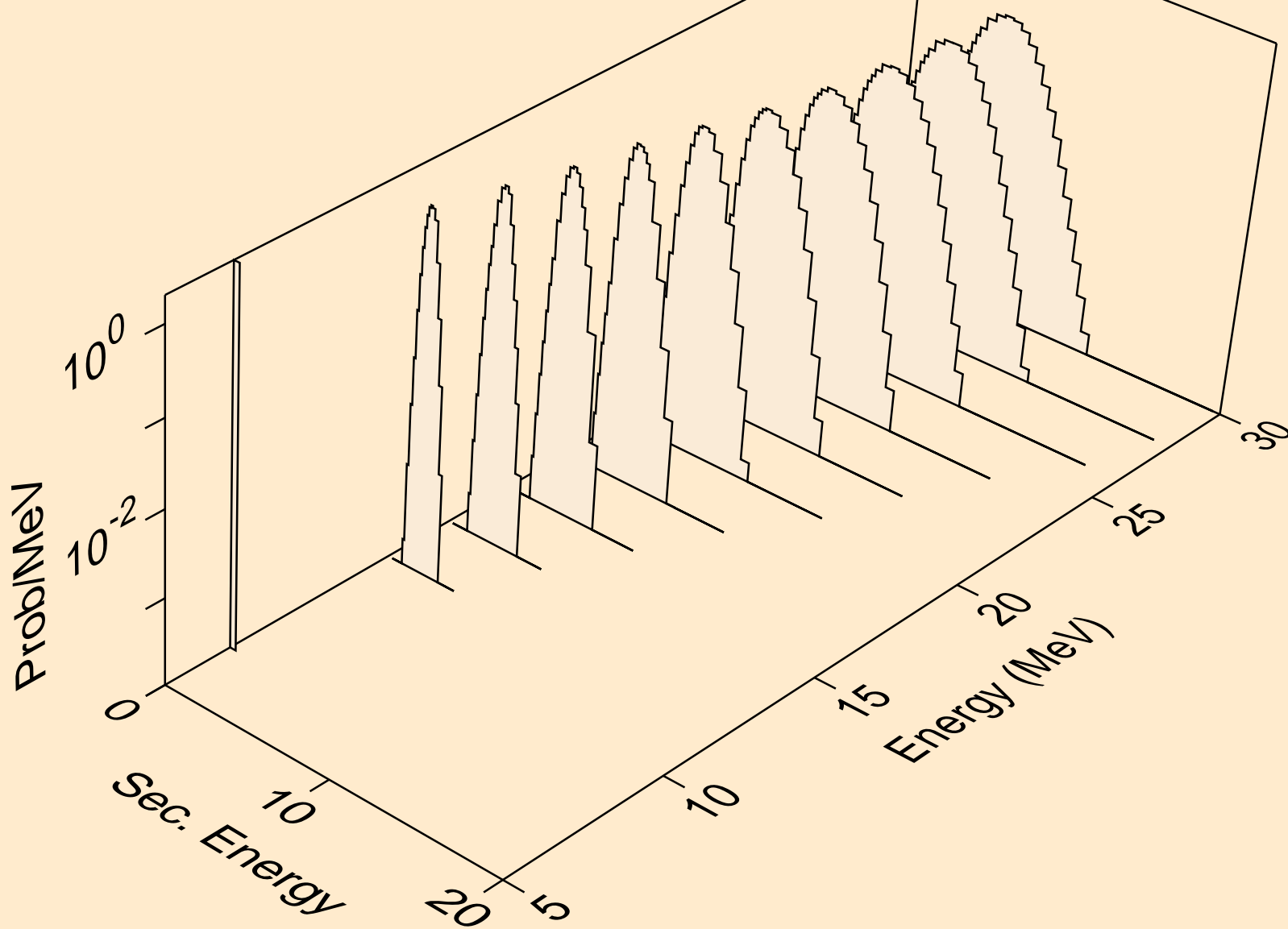




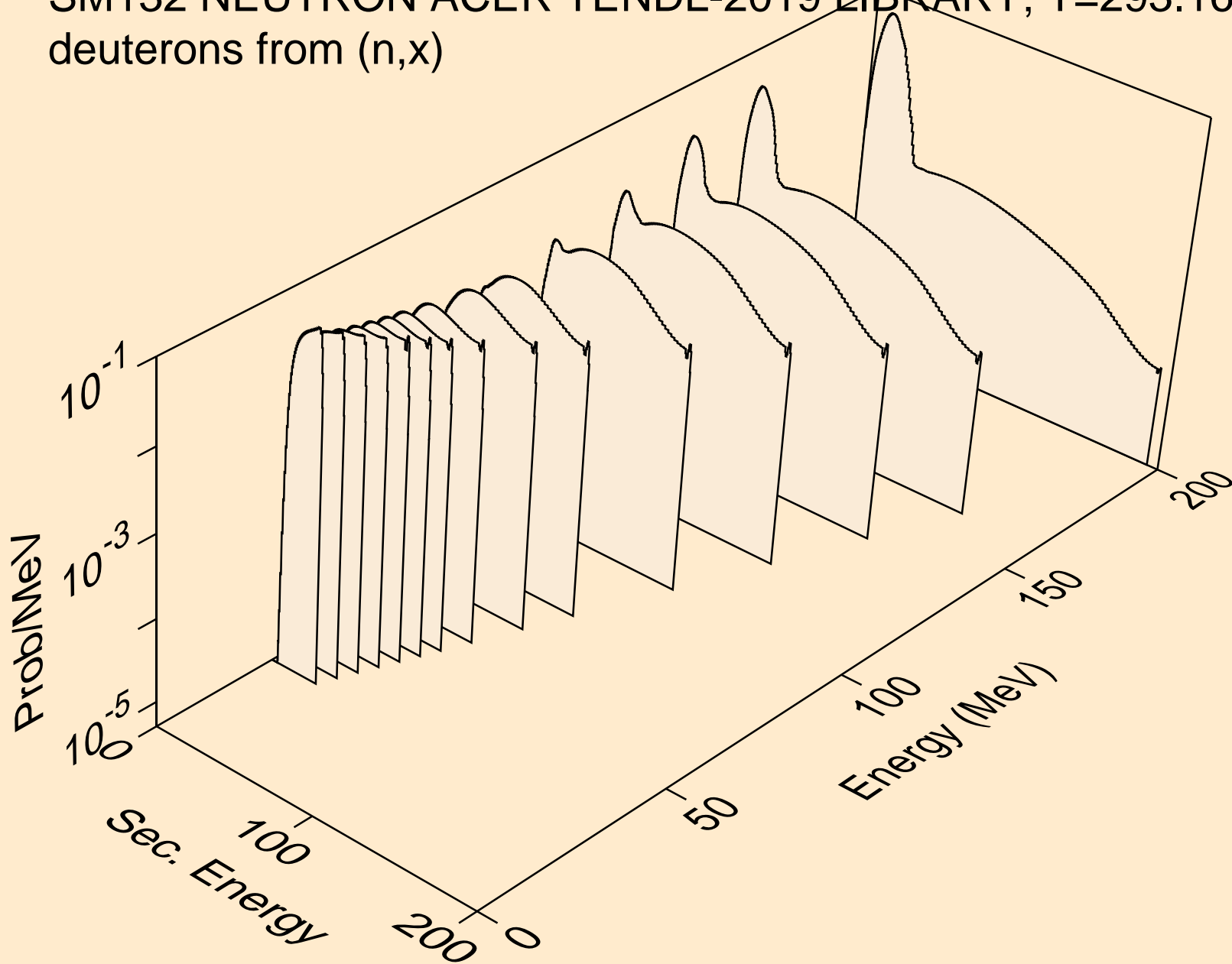
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pd)



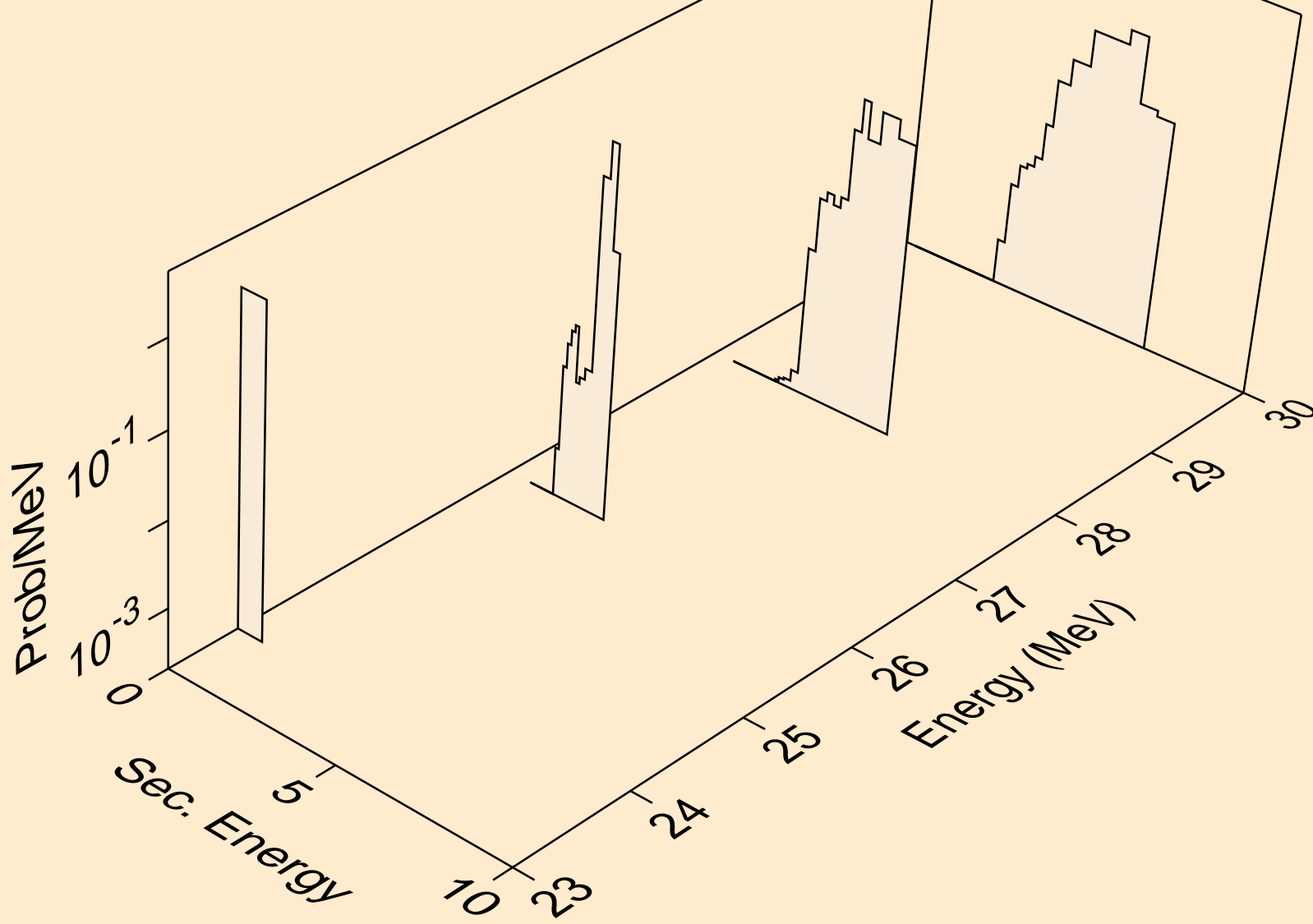
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)



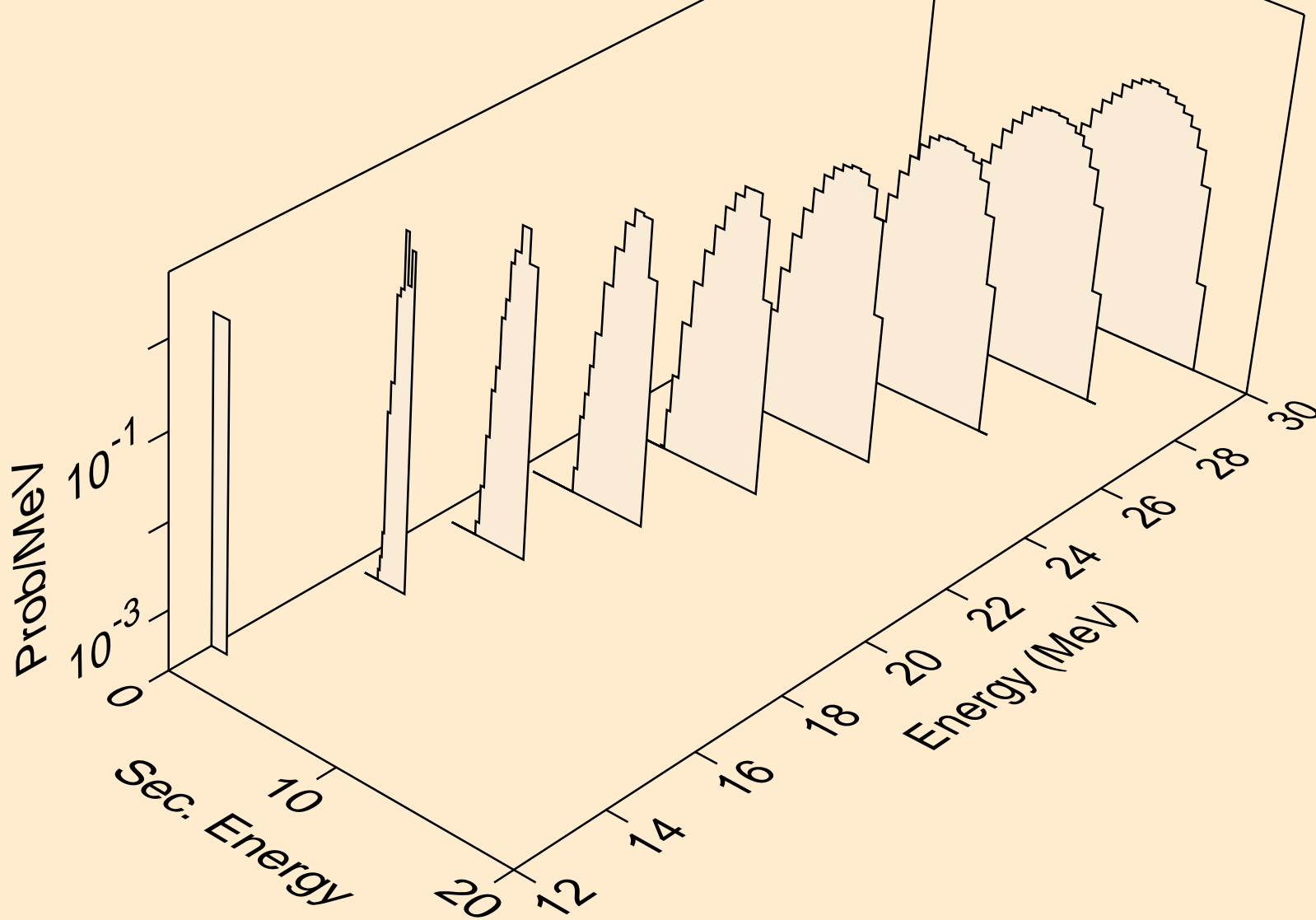
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



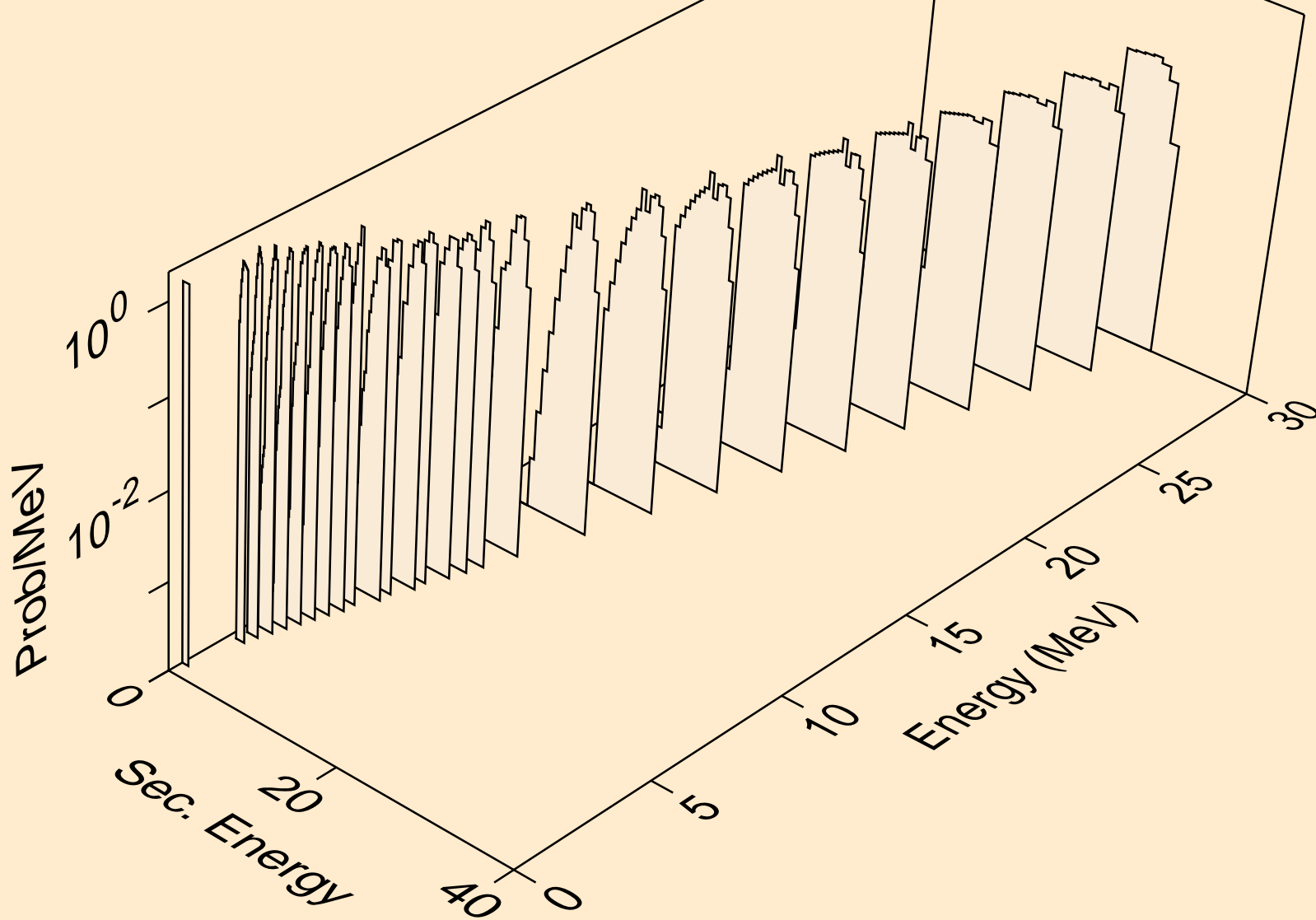
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



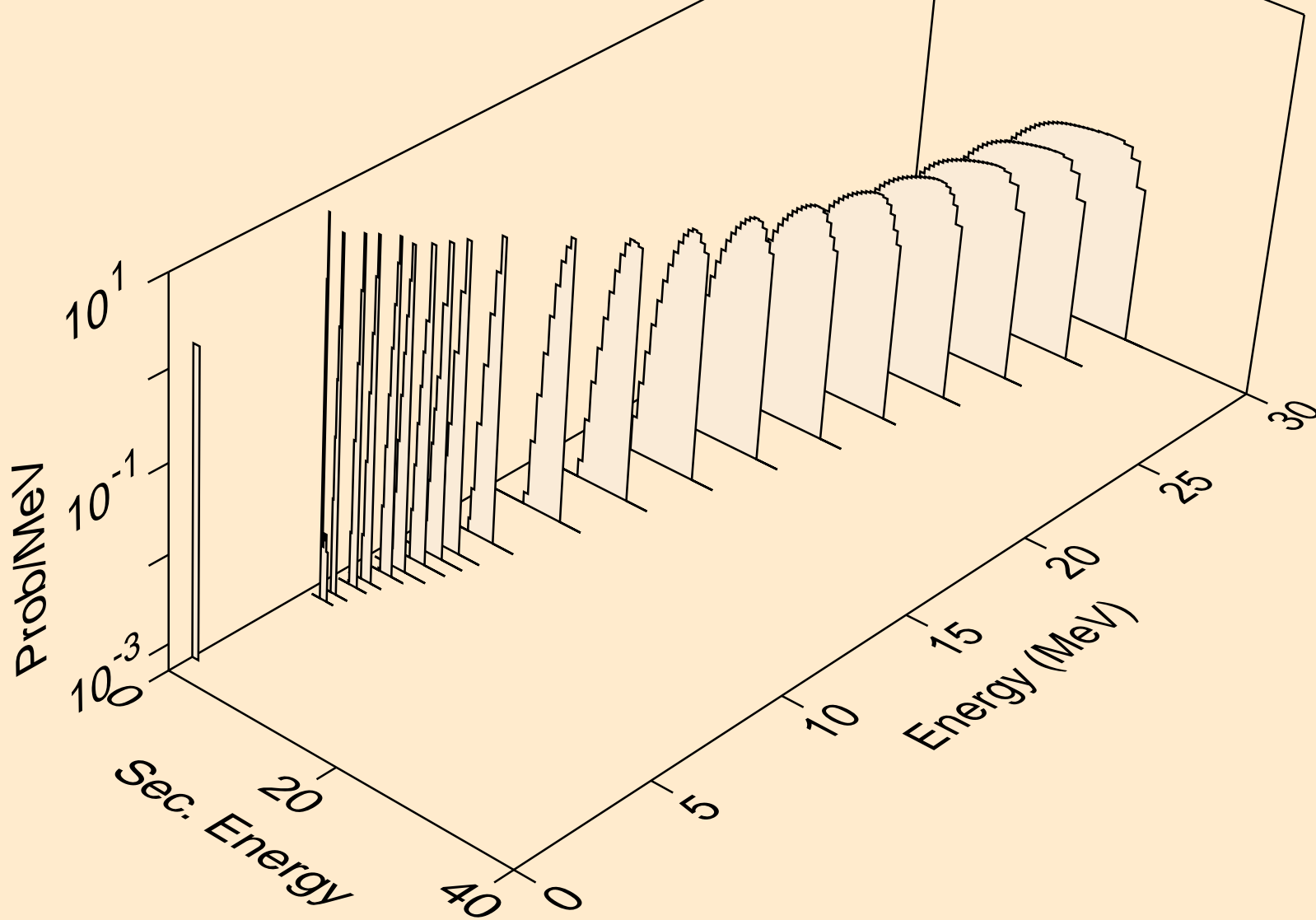
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



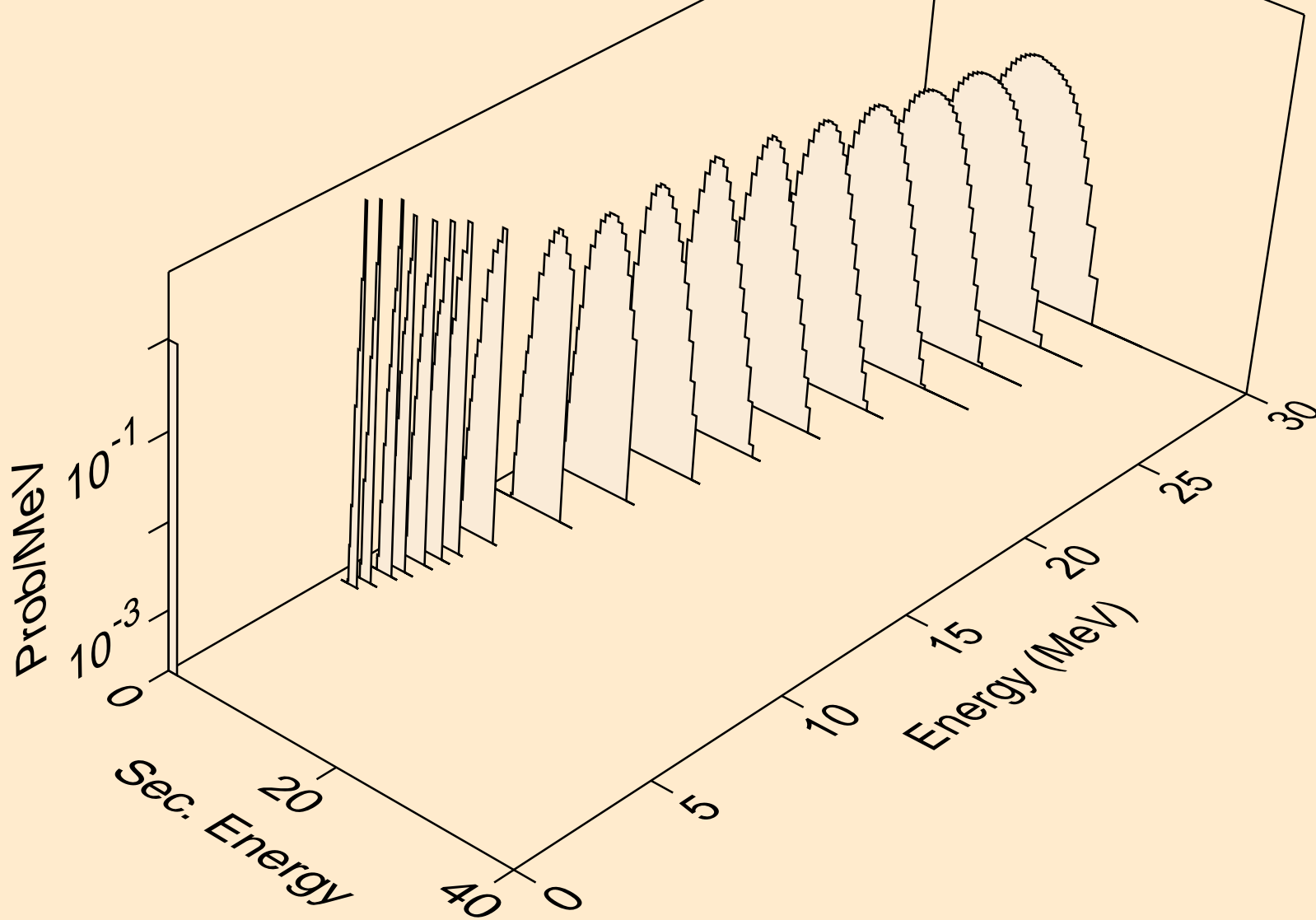
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,pd)

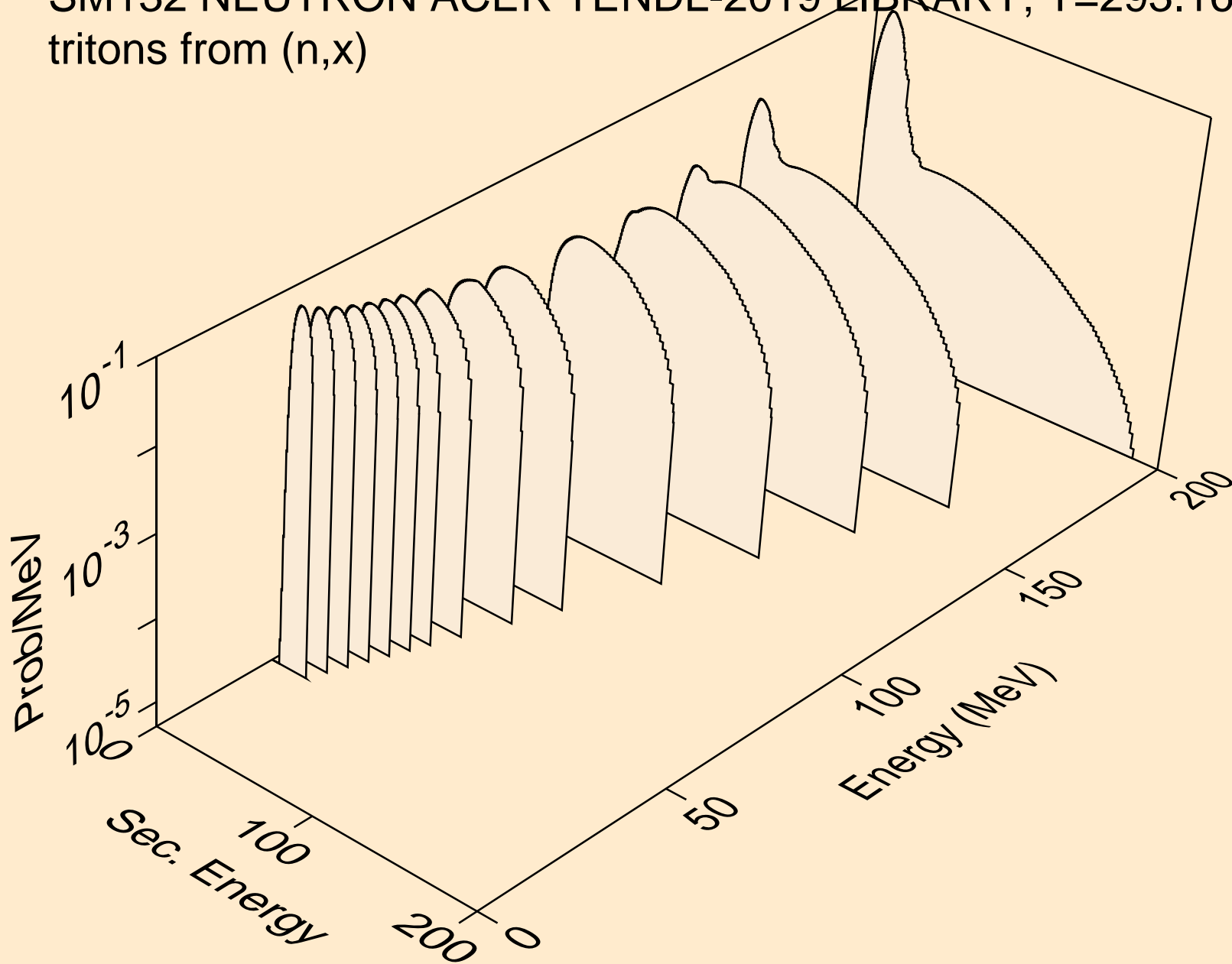


SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,da)

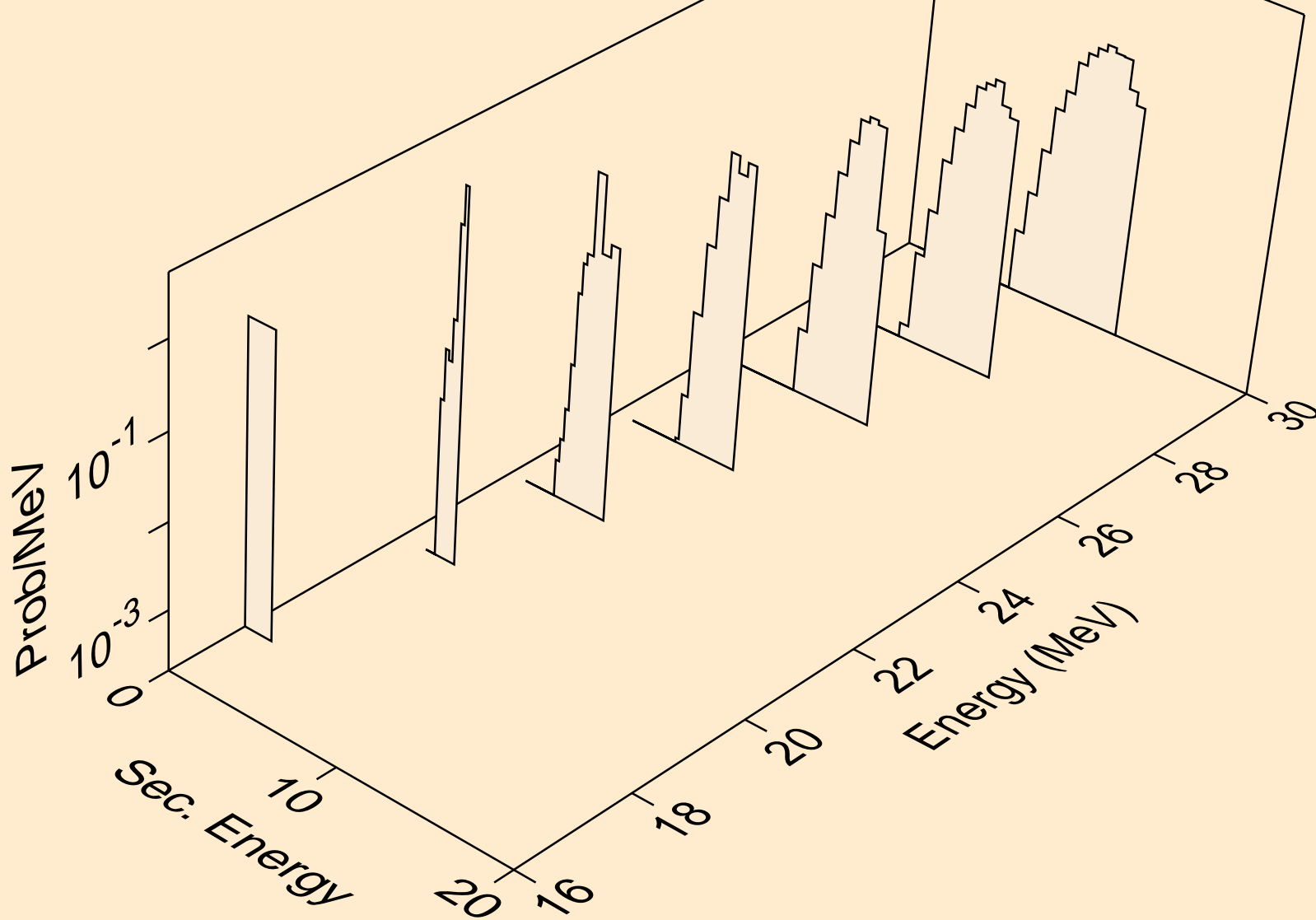




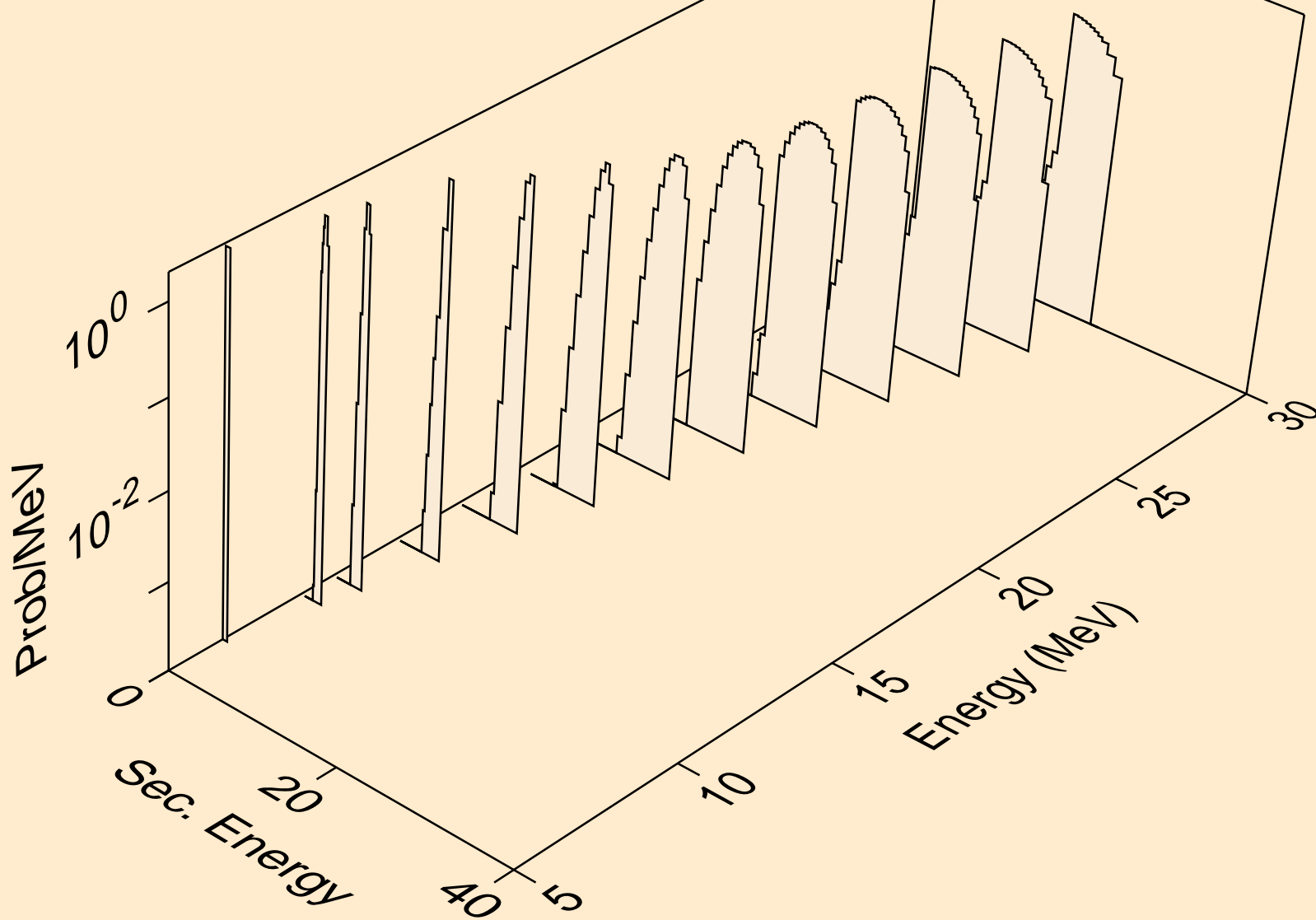
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



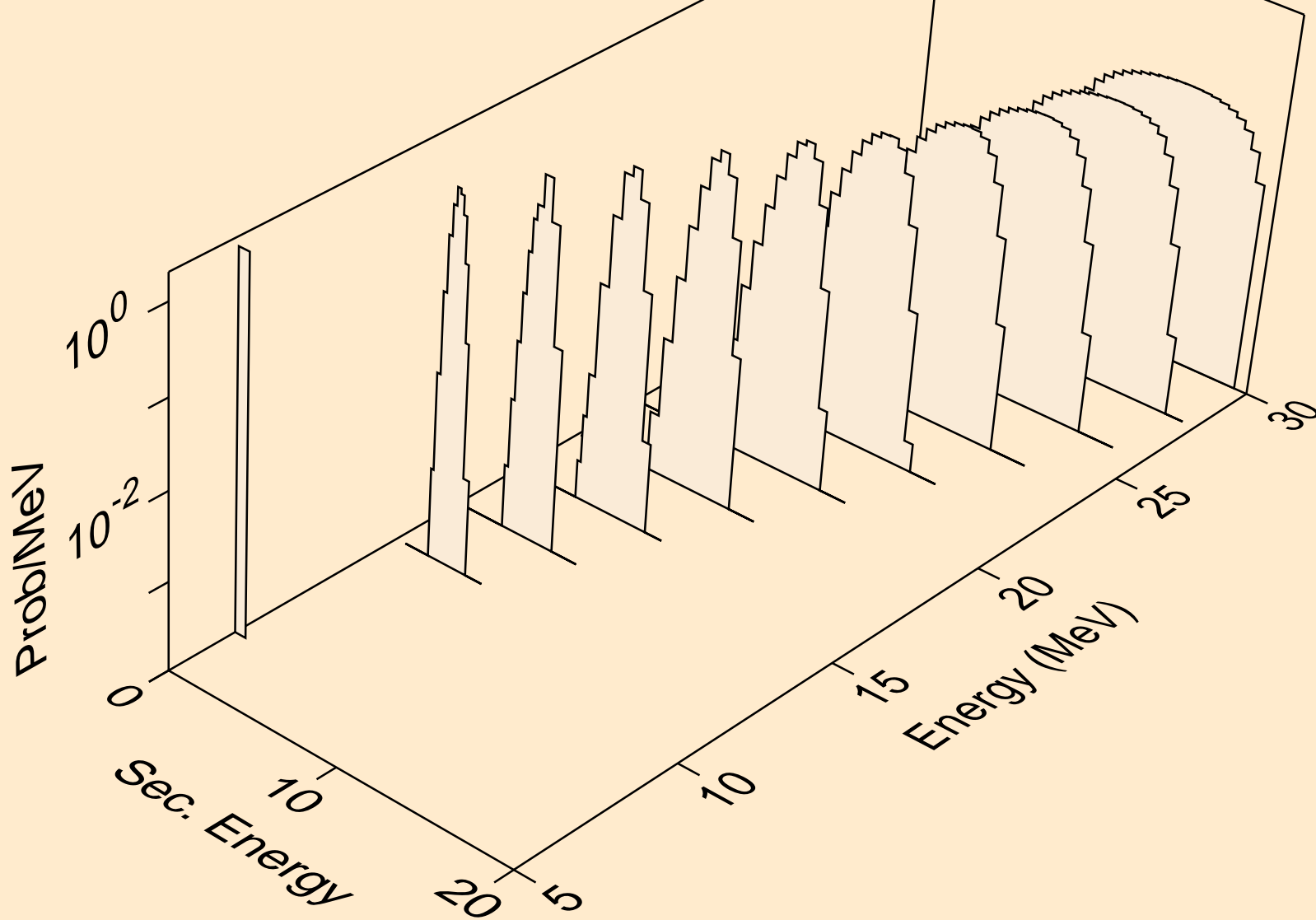
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



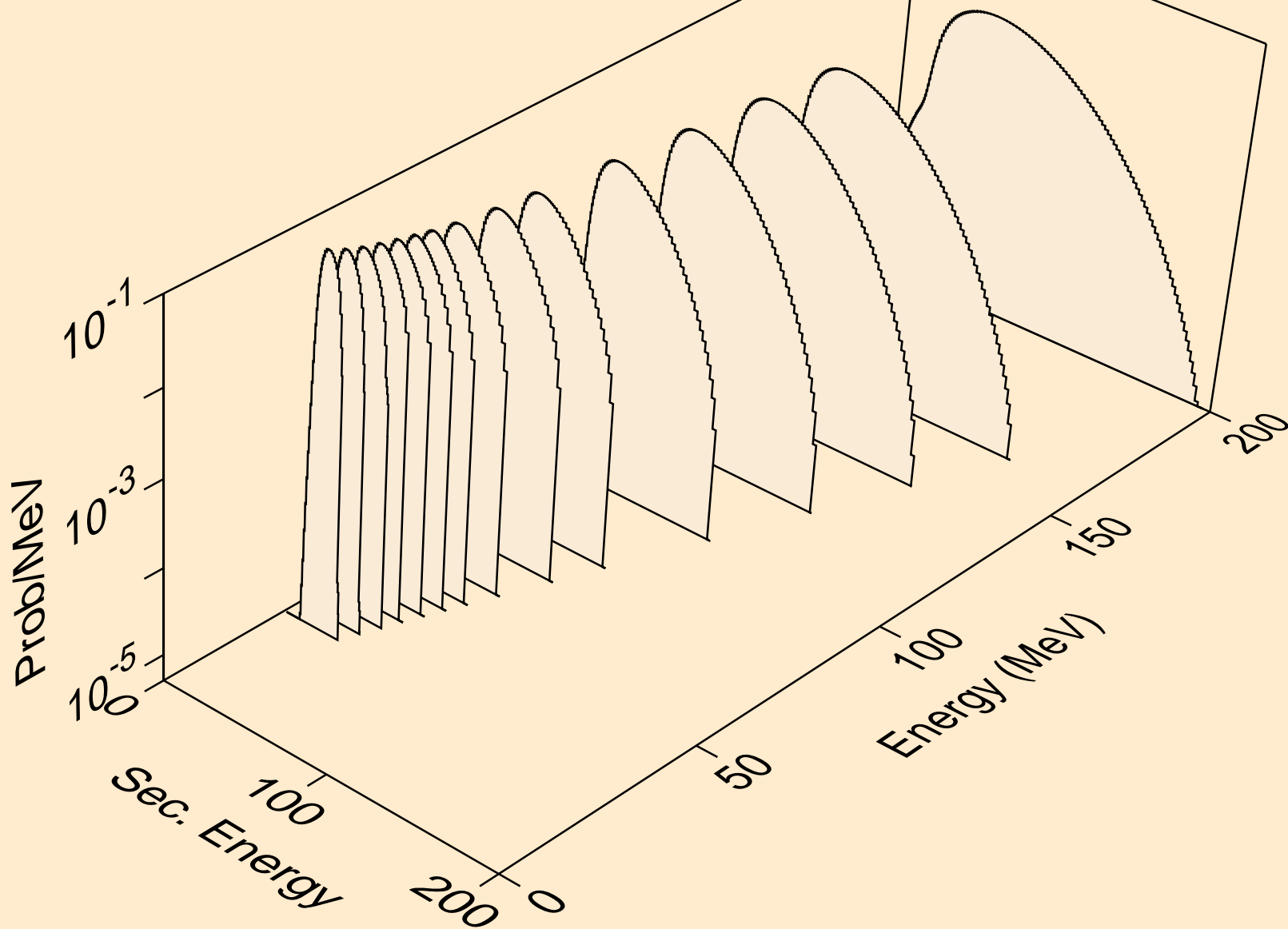
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tritons from (n,t)



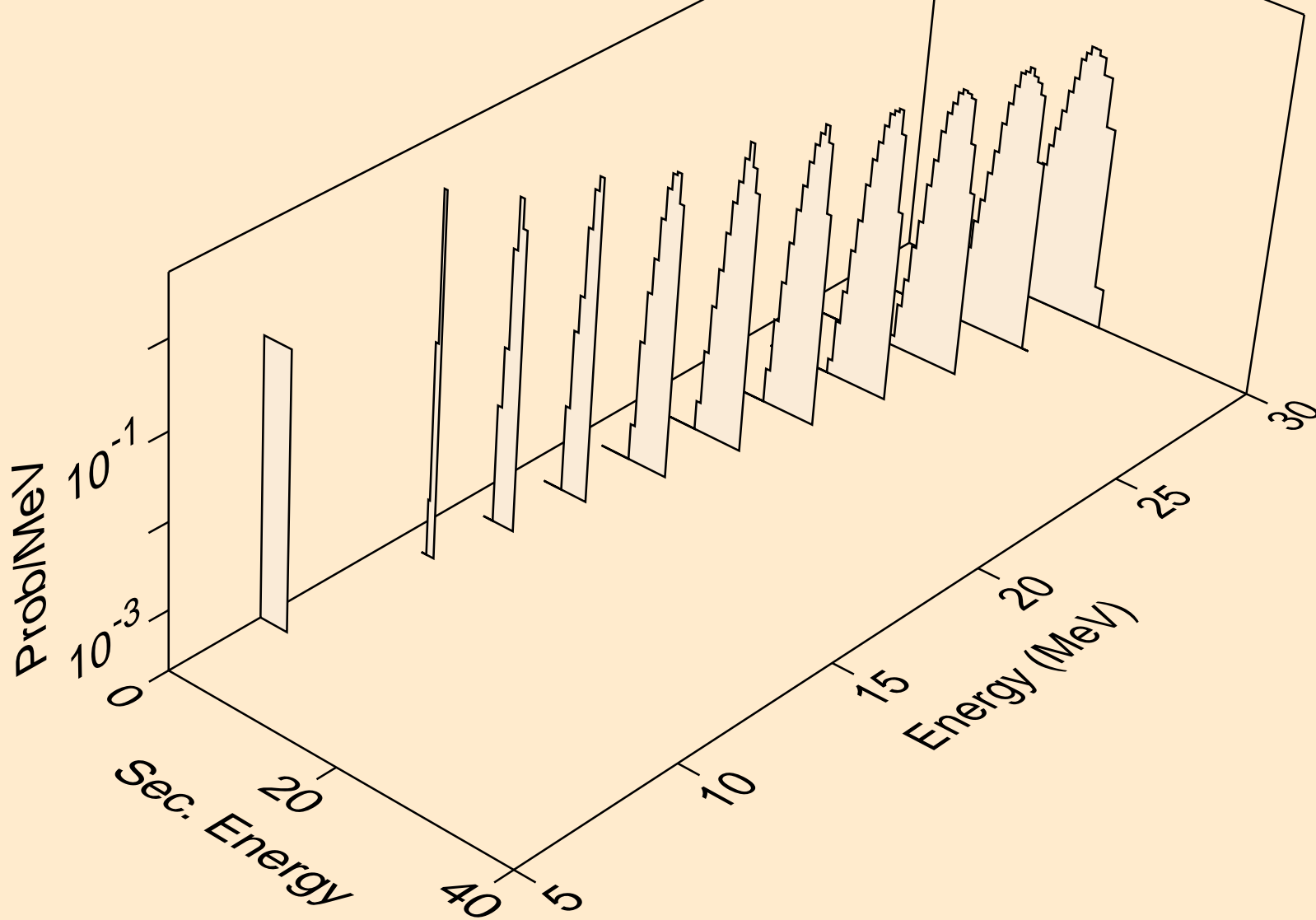
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,pt)



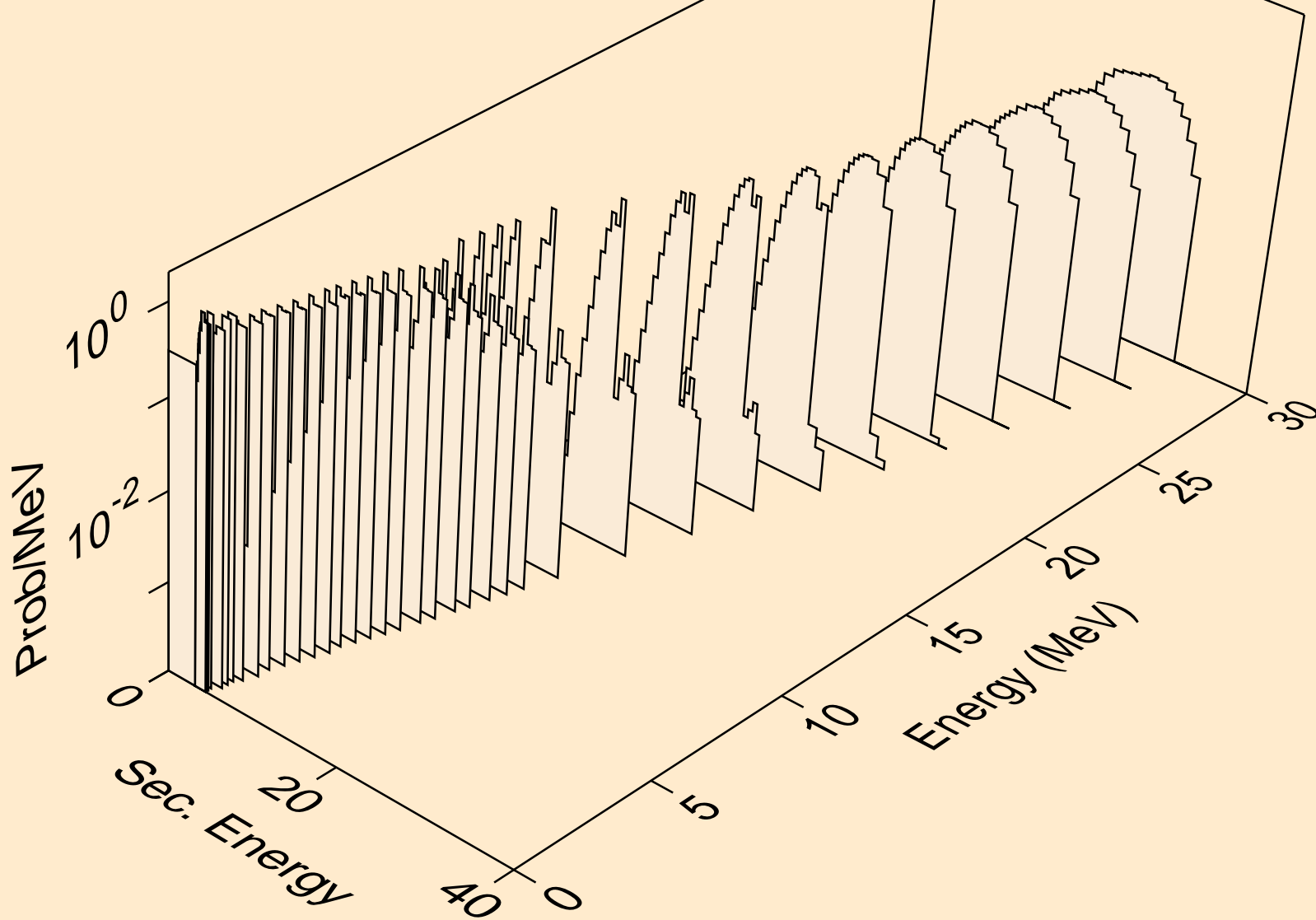
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



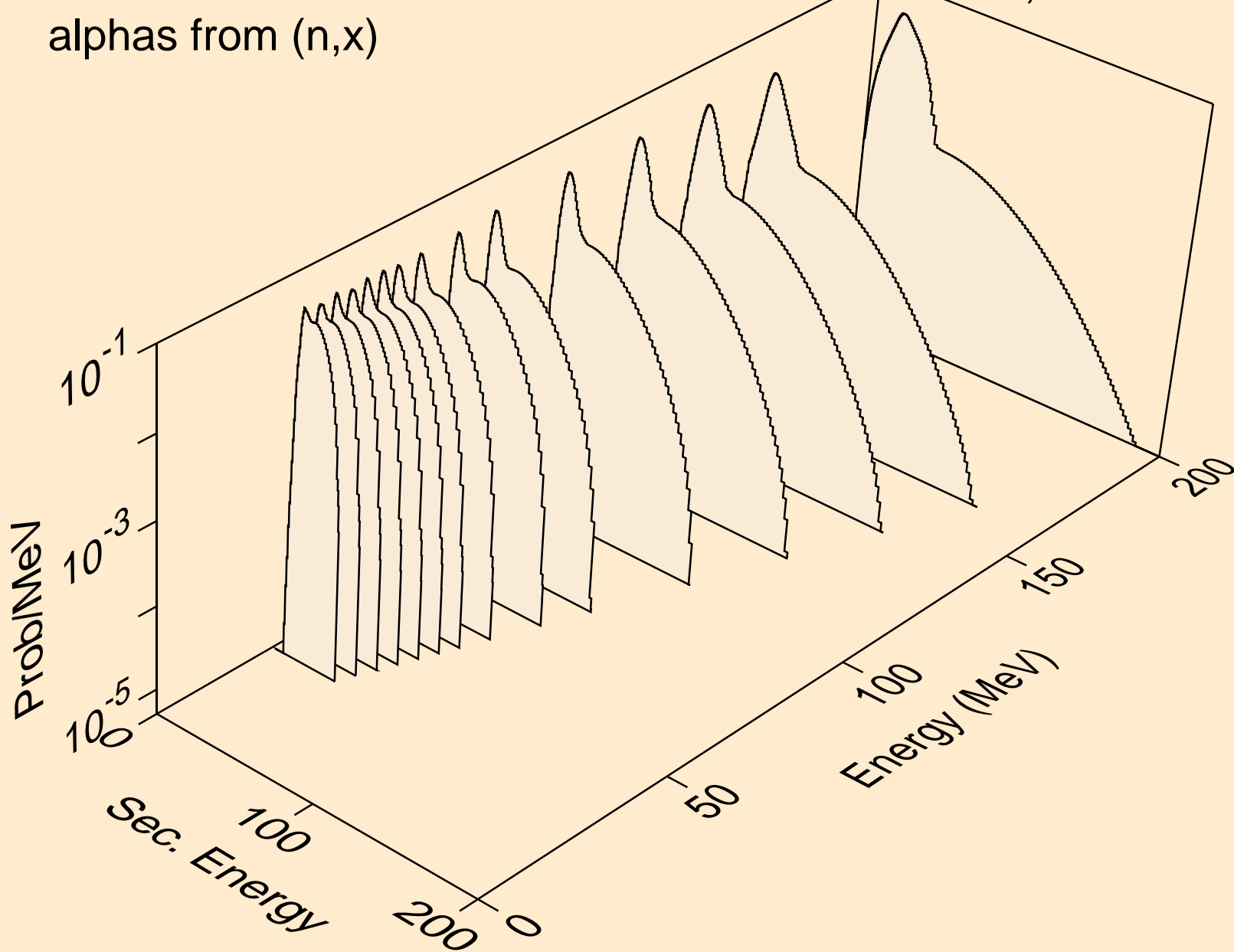
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)

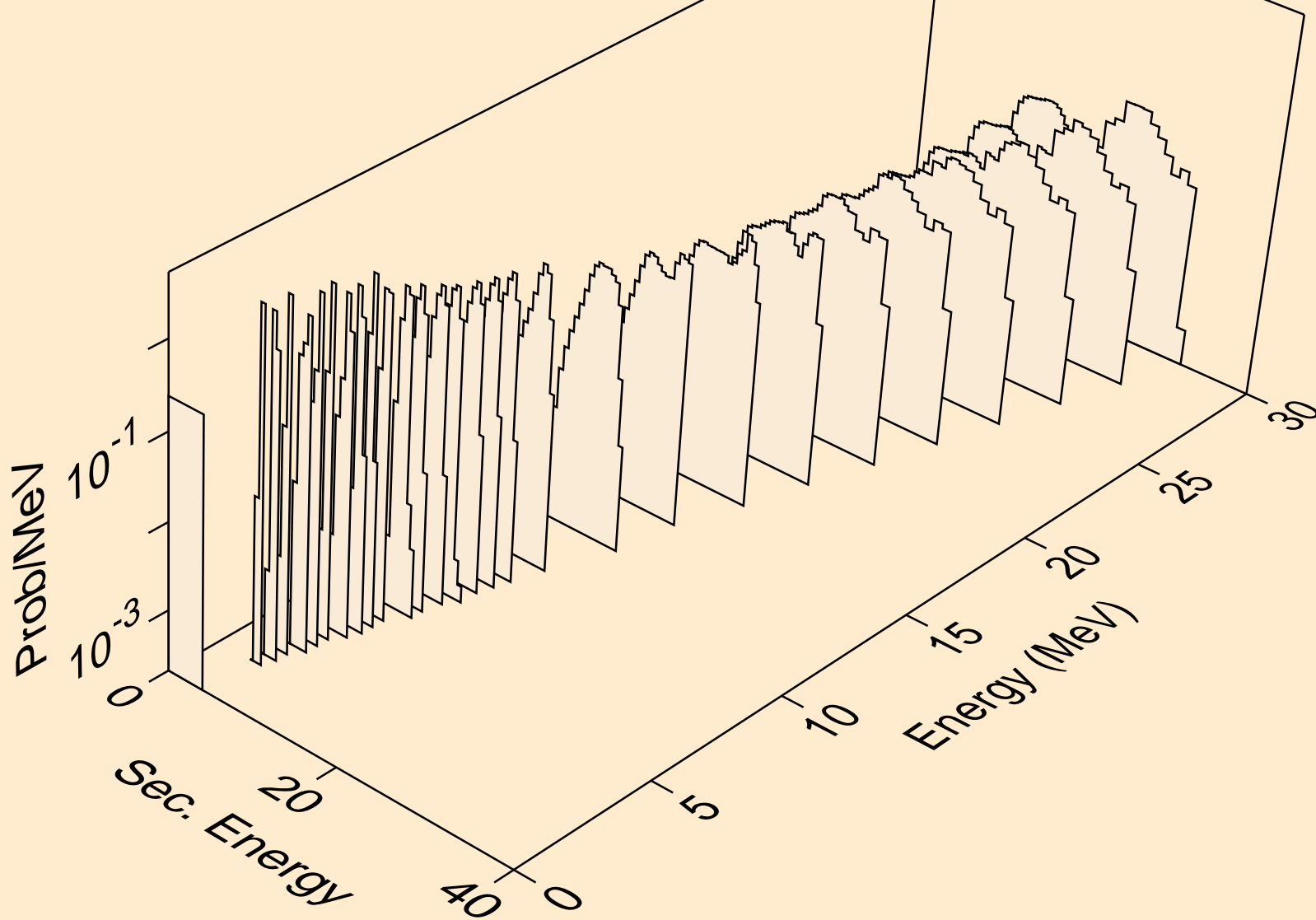


SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)

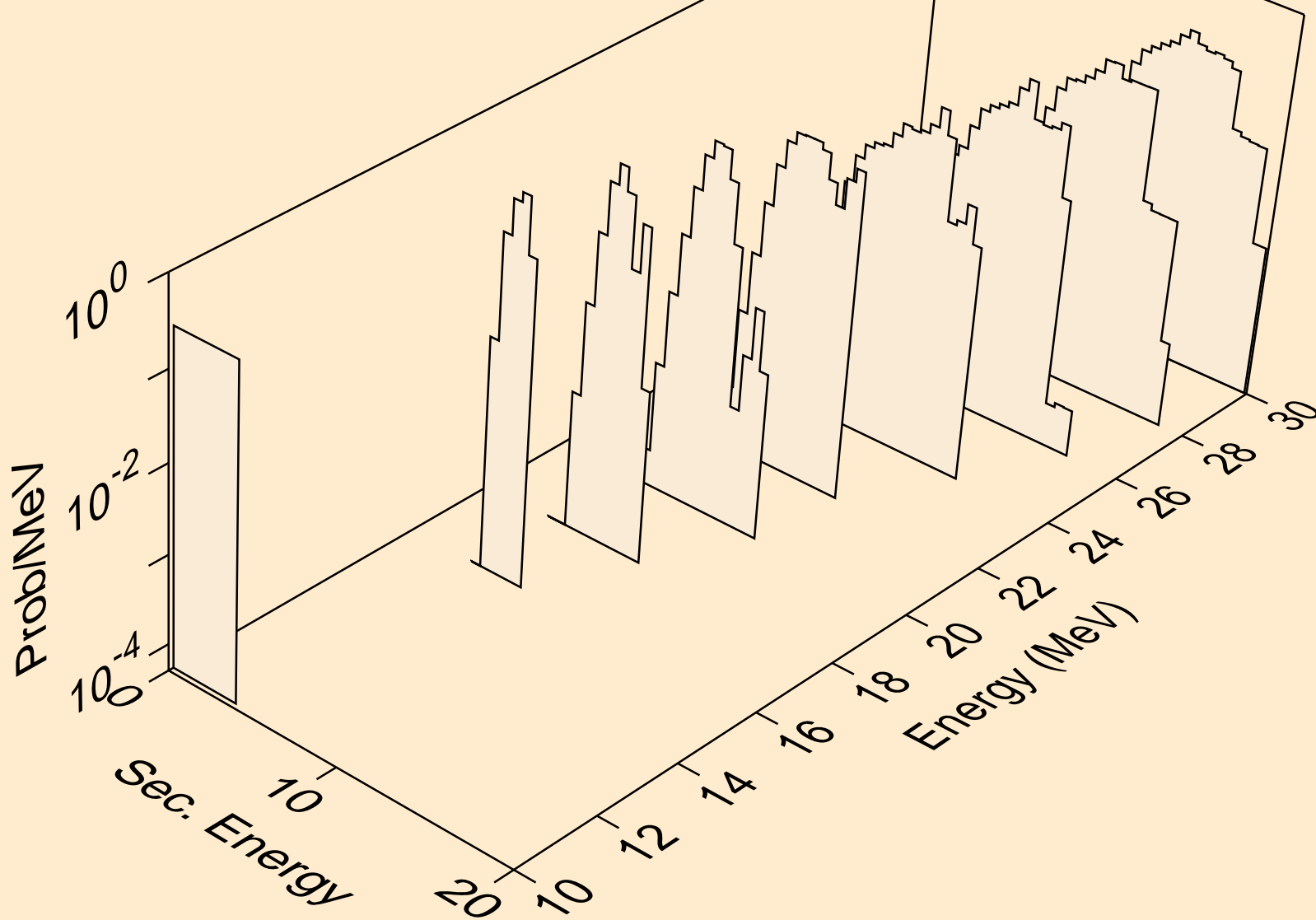




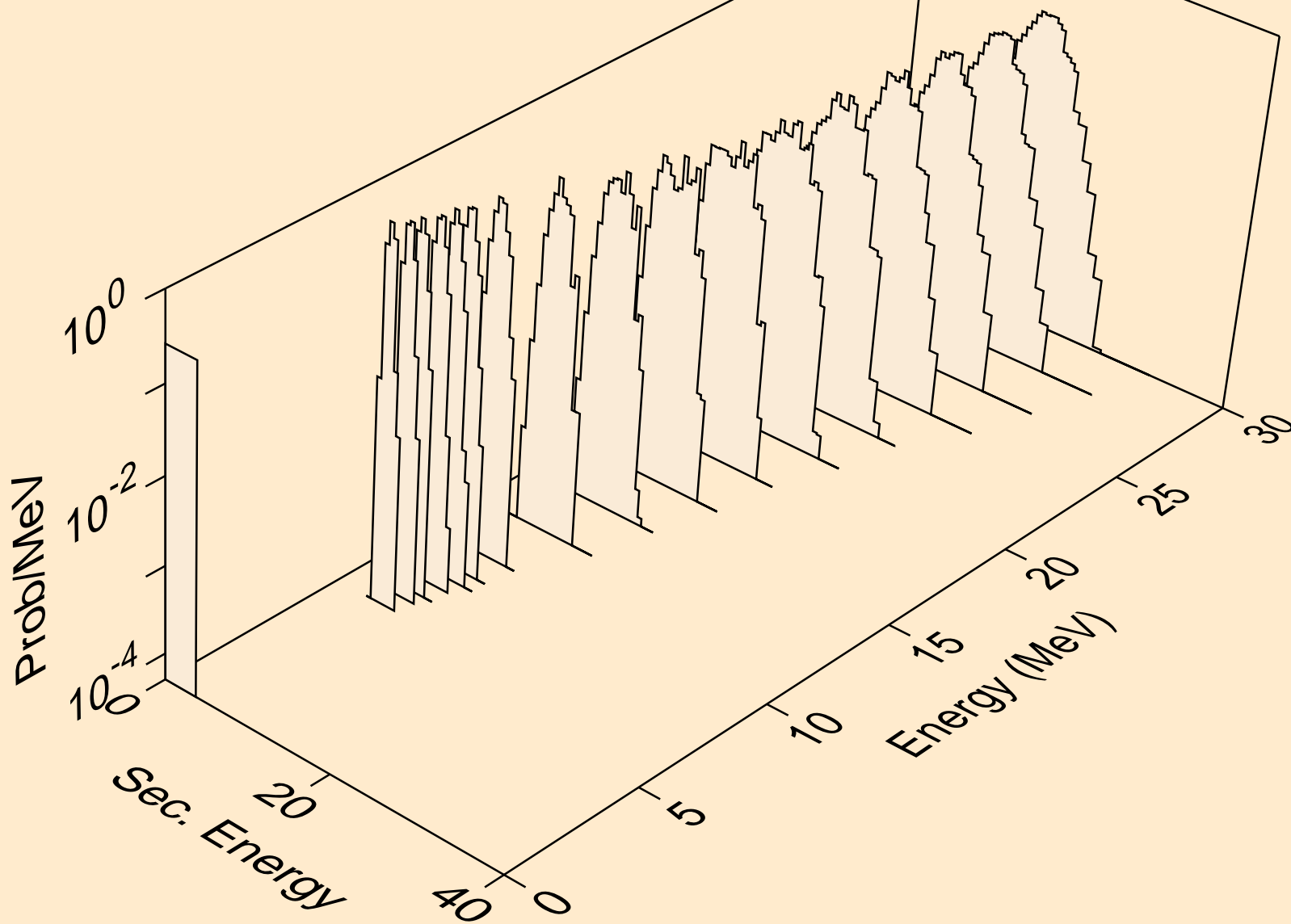
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



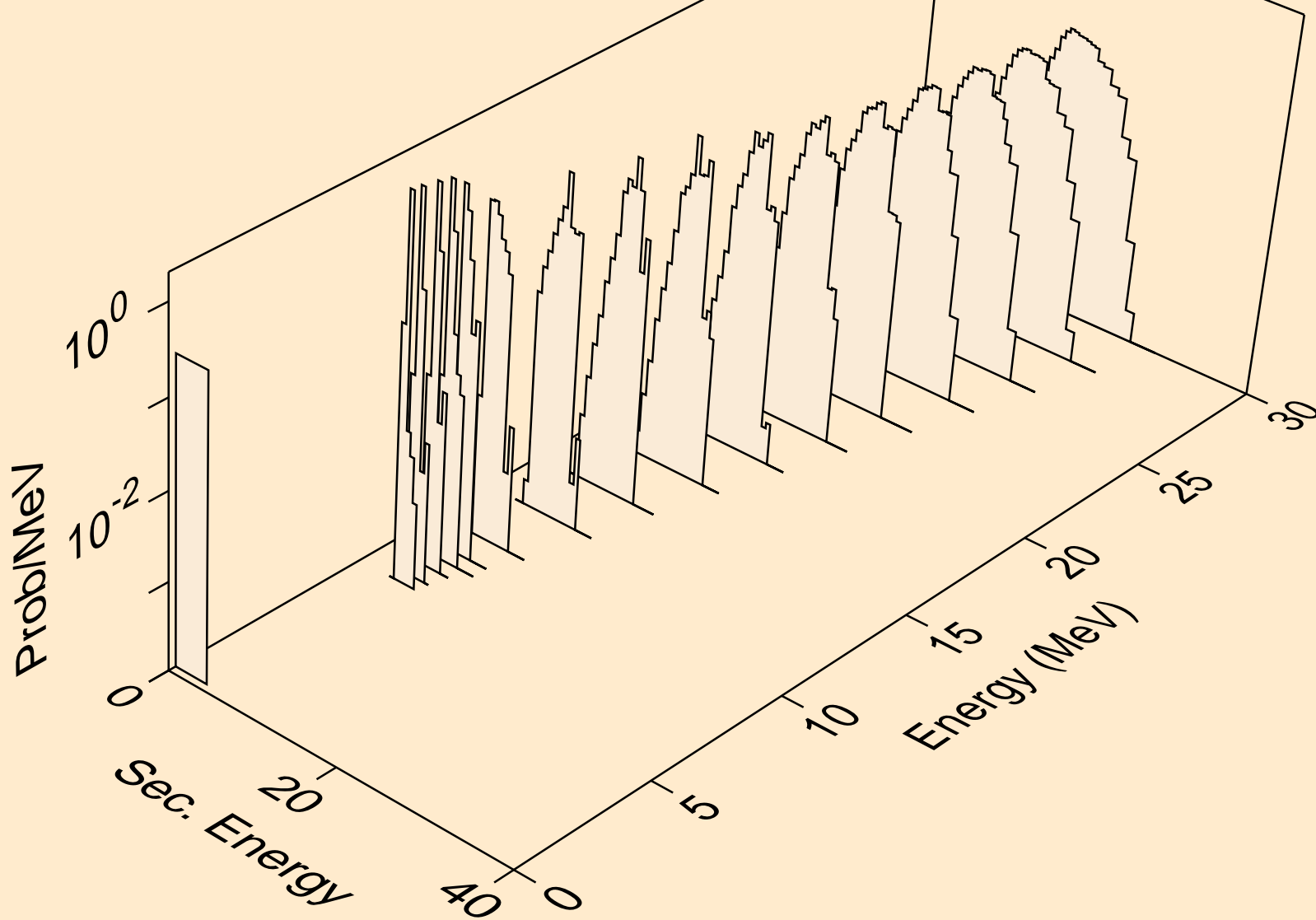
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



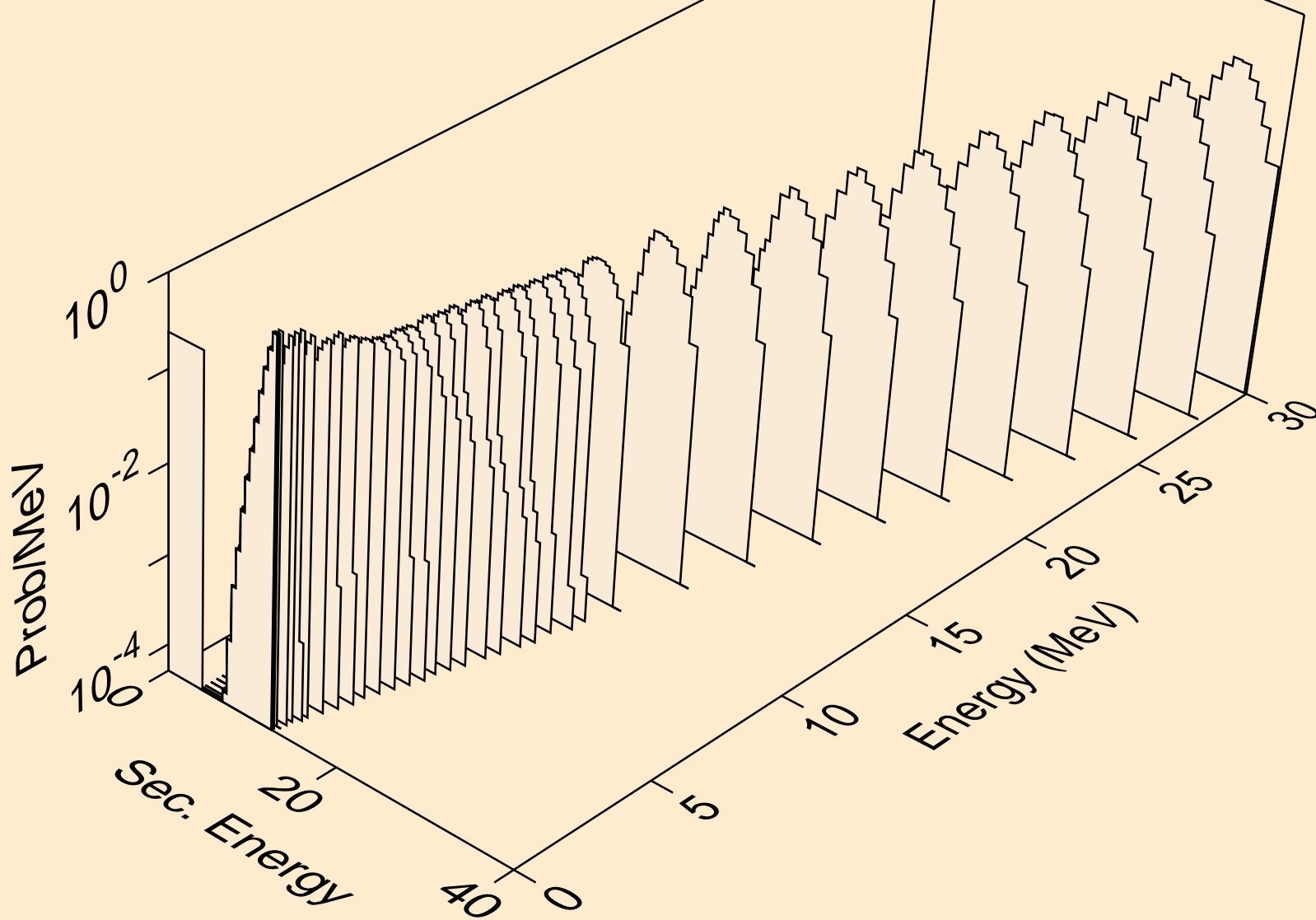
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)2a



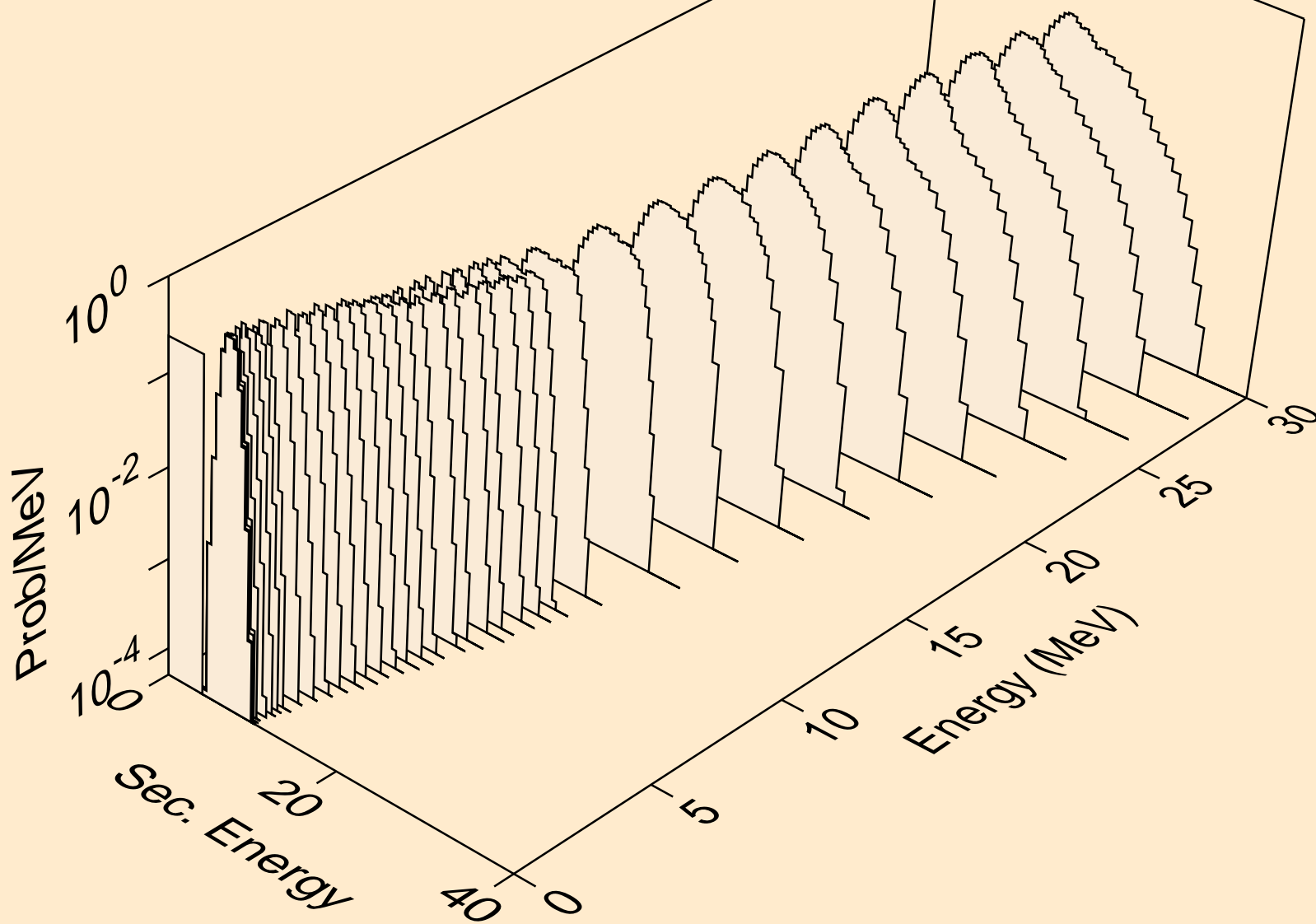
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)



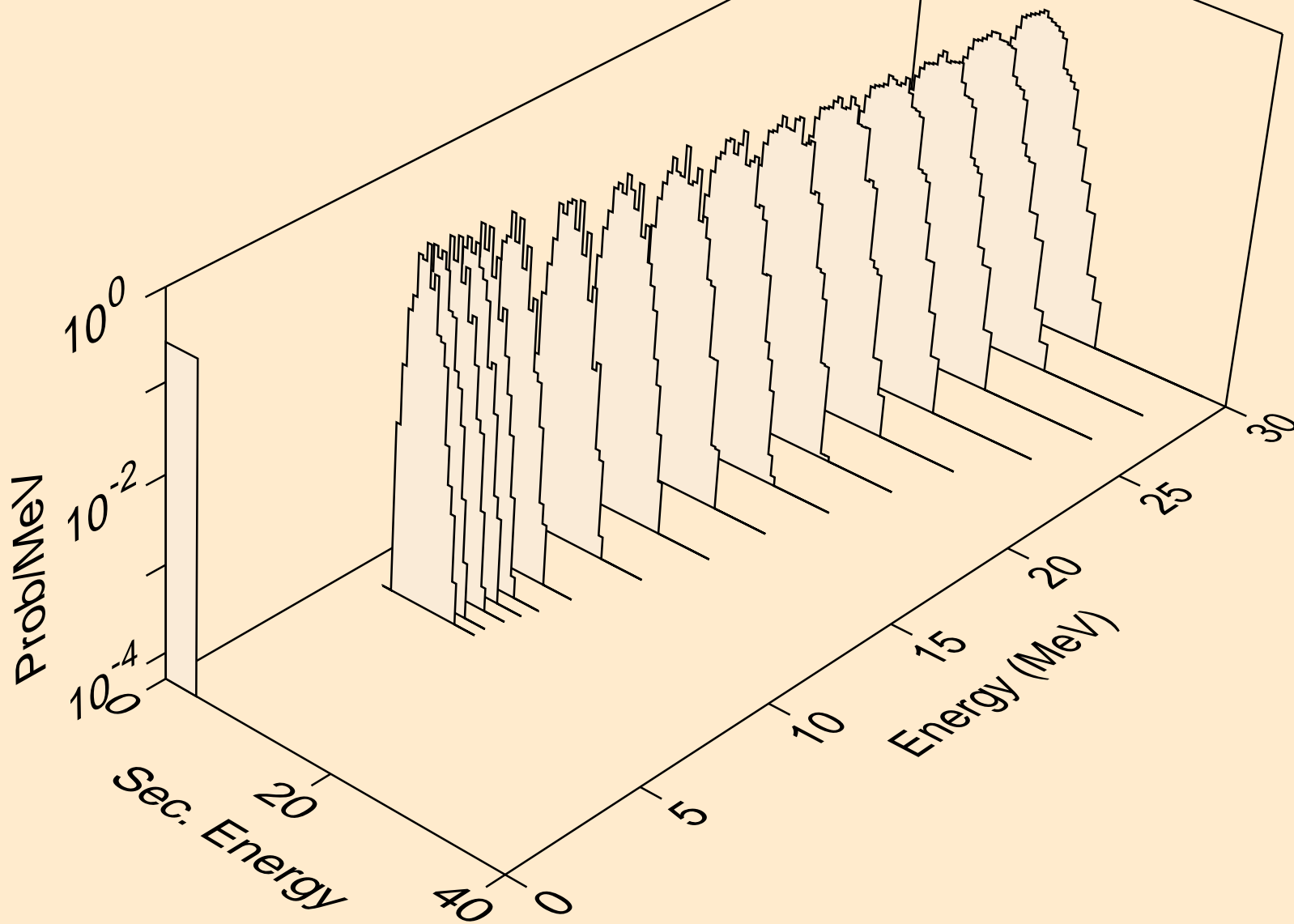
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



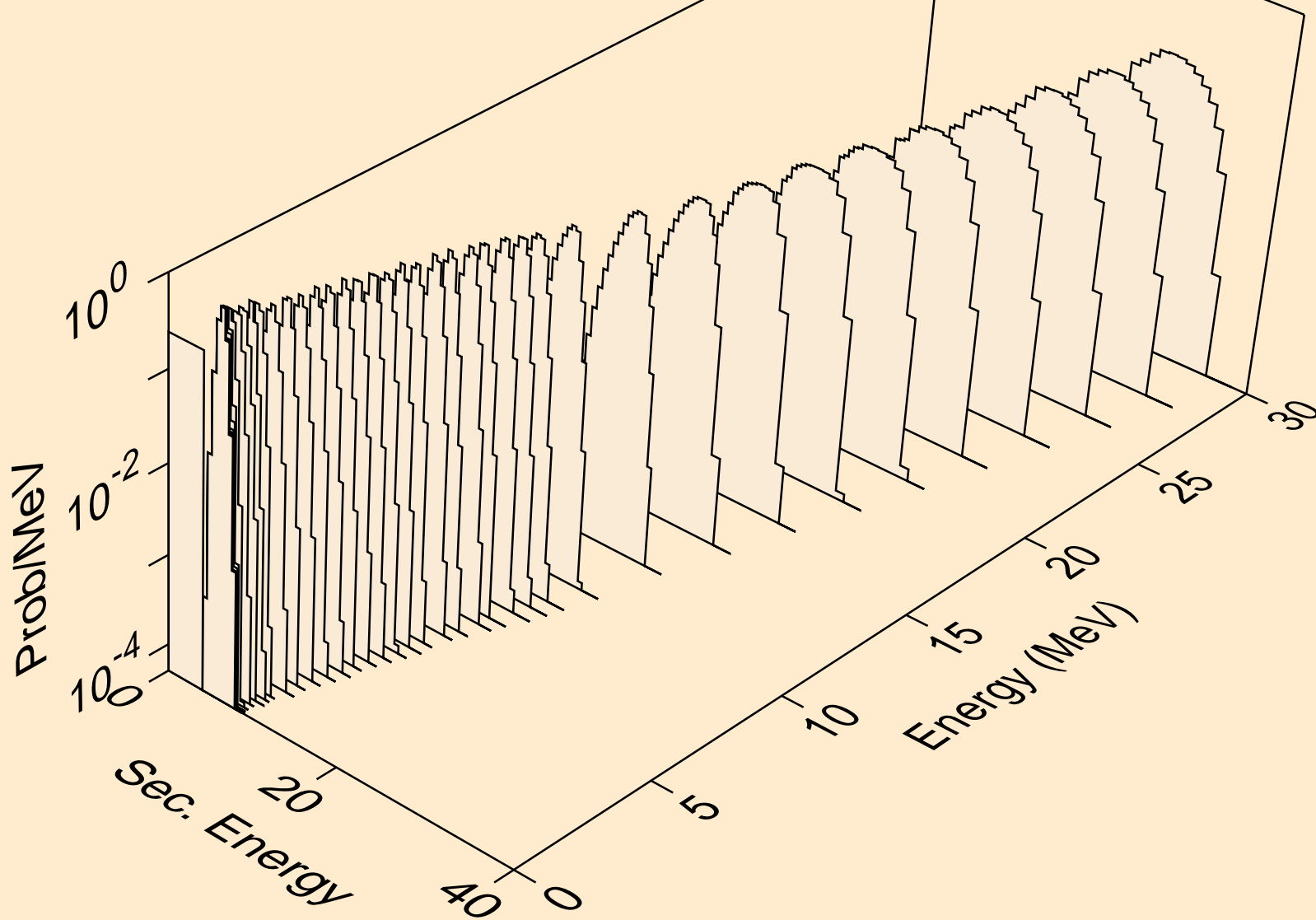
SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)



SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3a)



SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)





SM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

