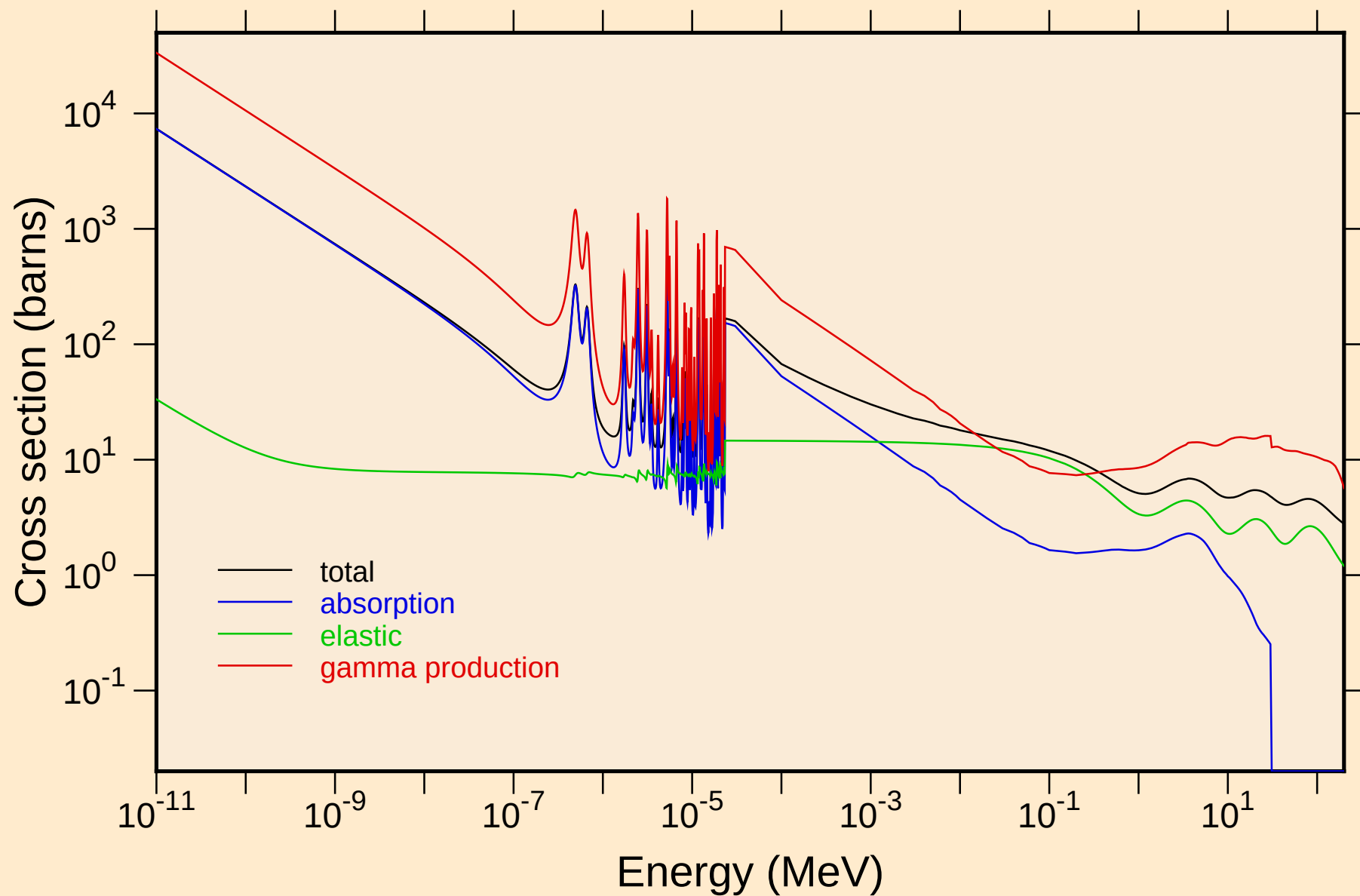
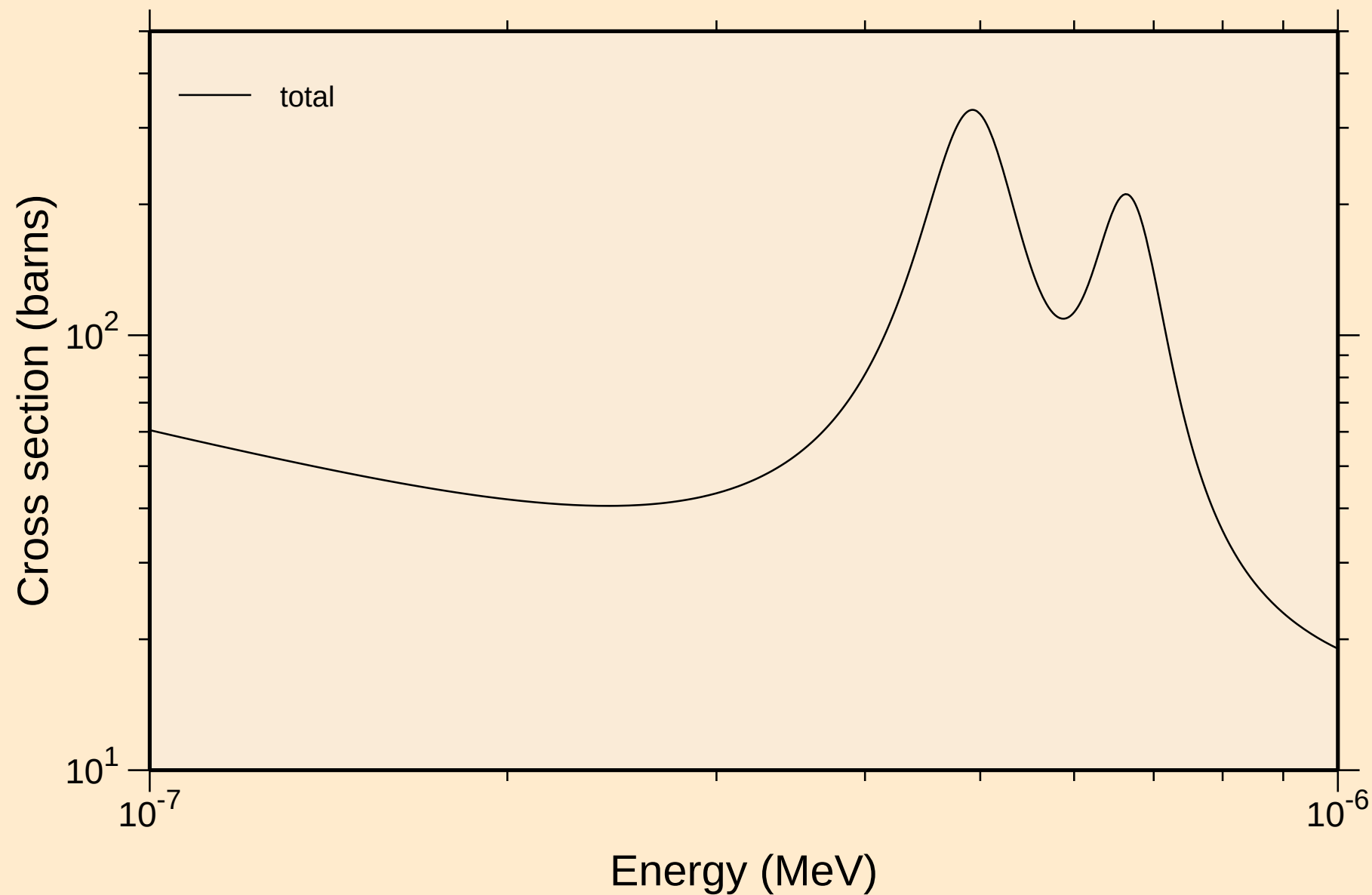


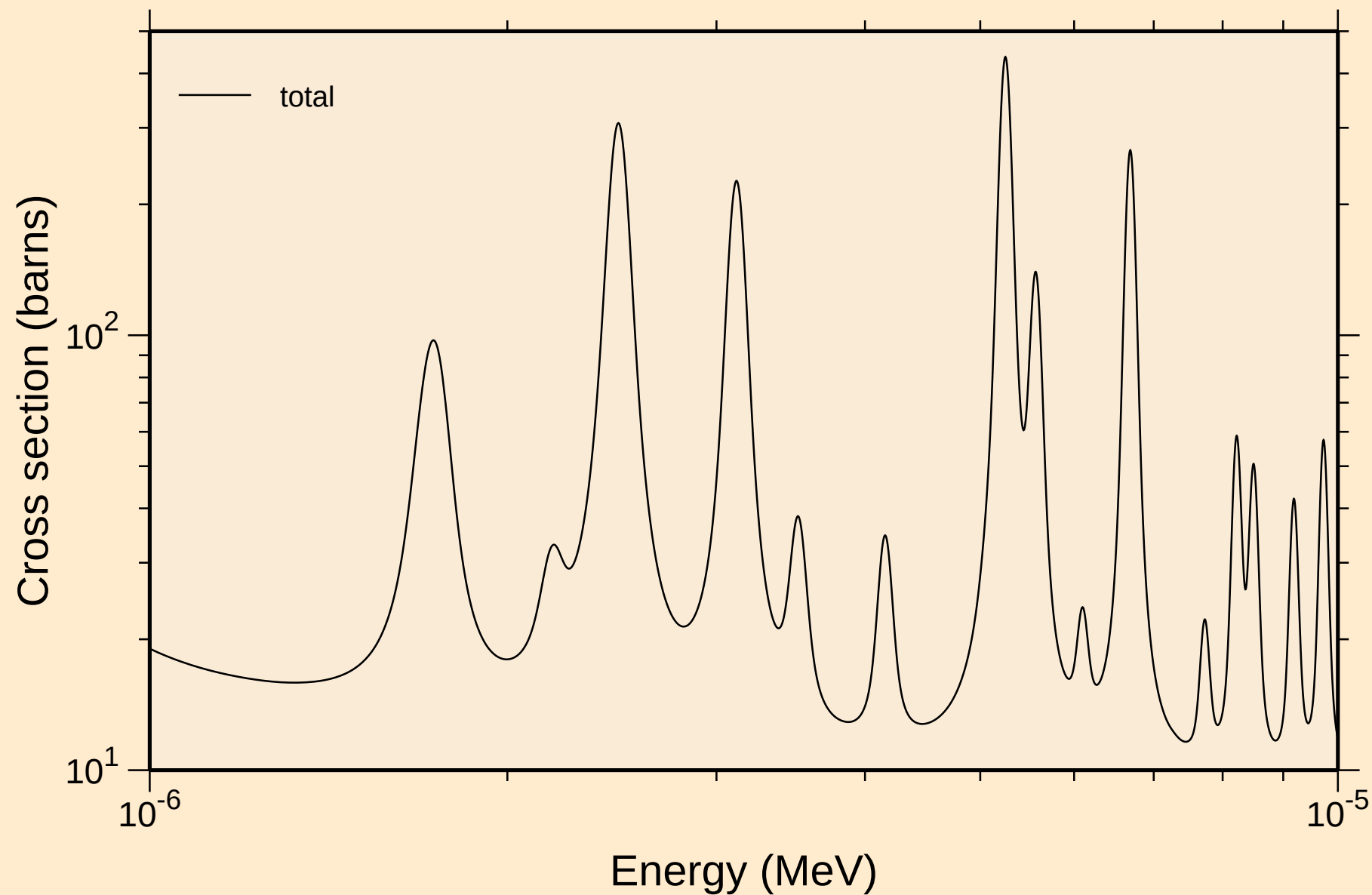
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



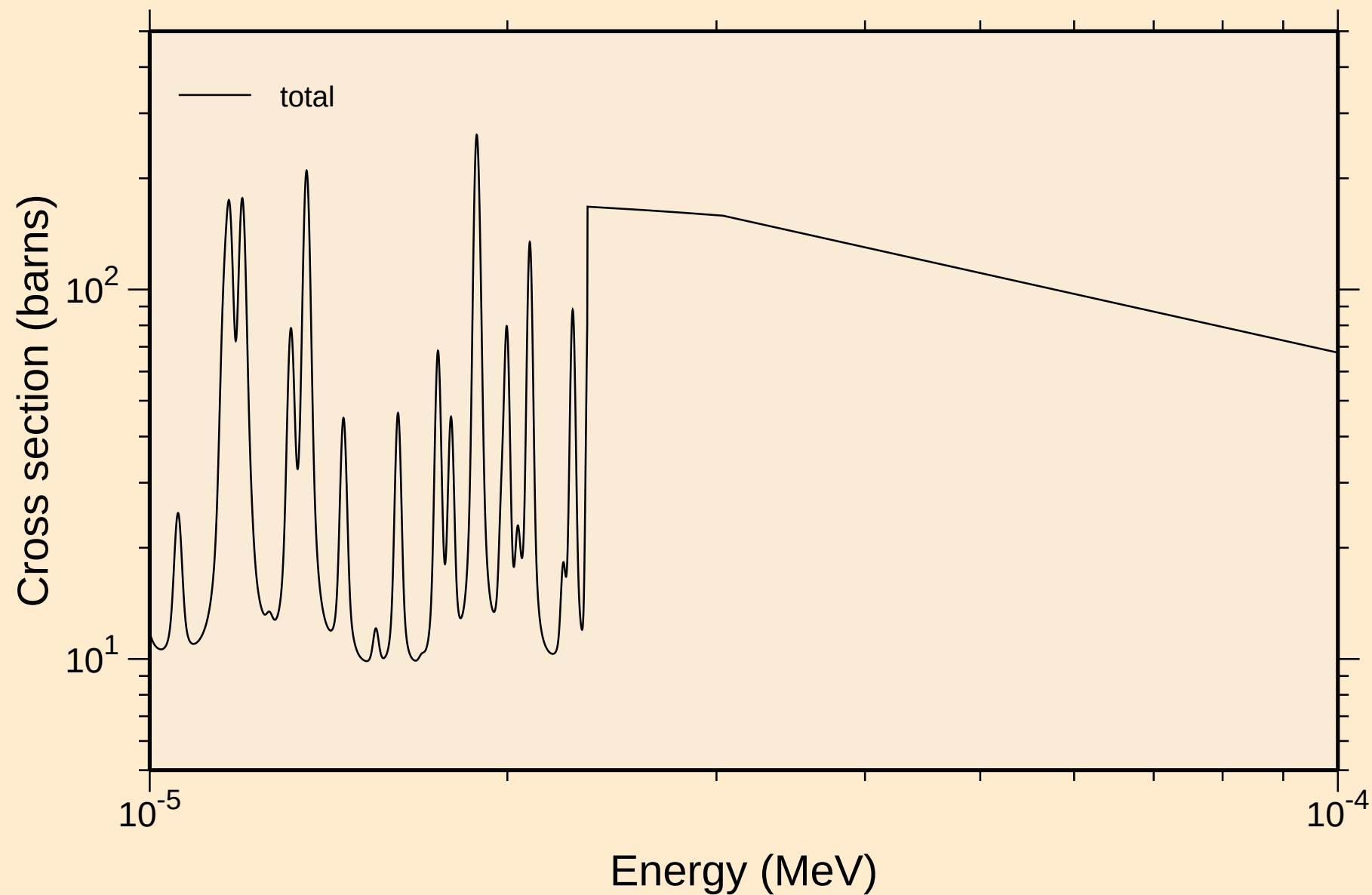
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resonance total cross section



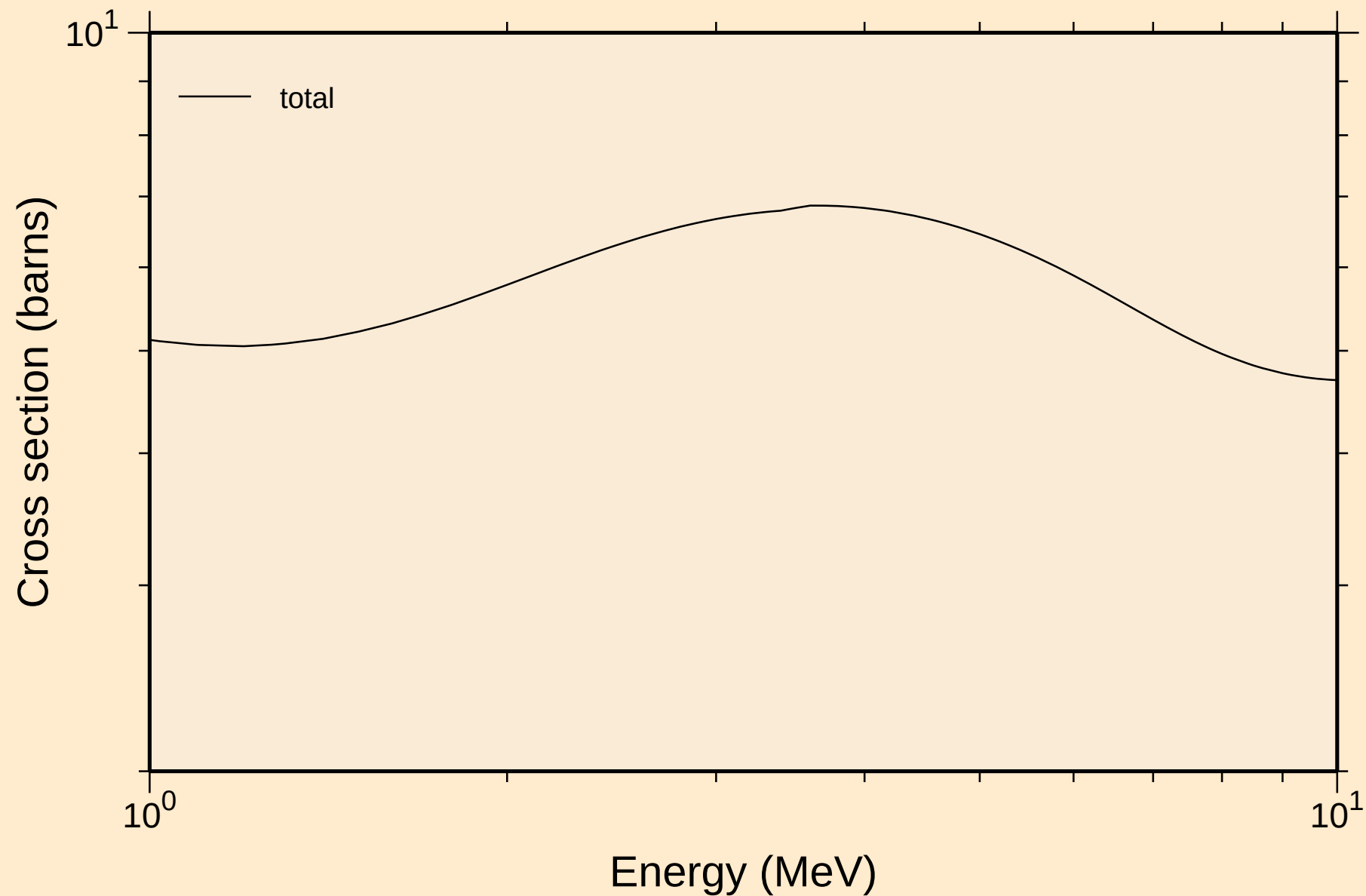
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



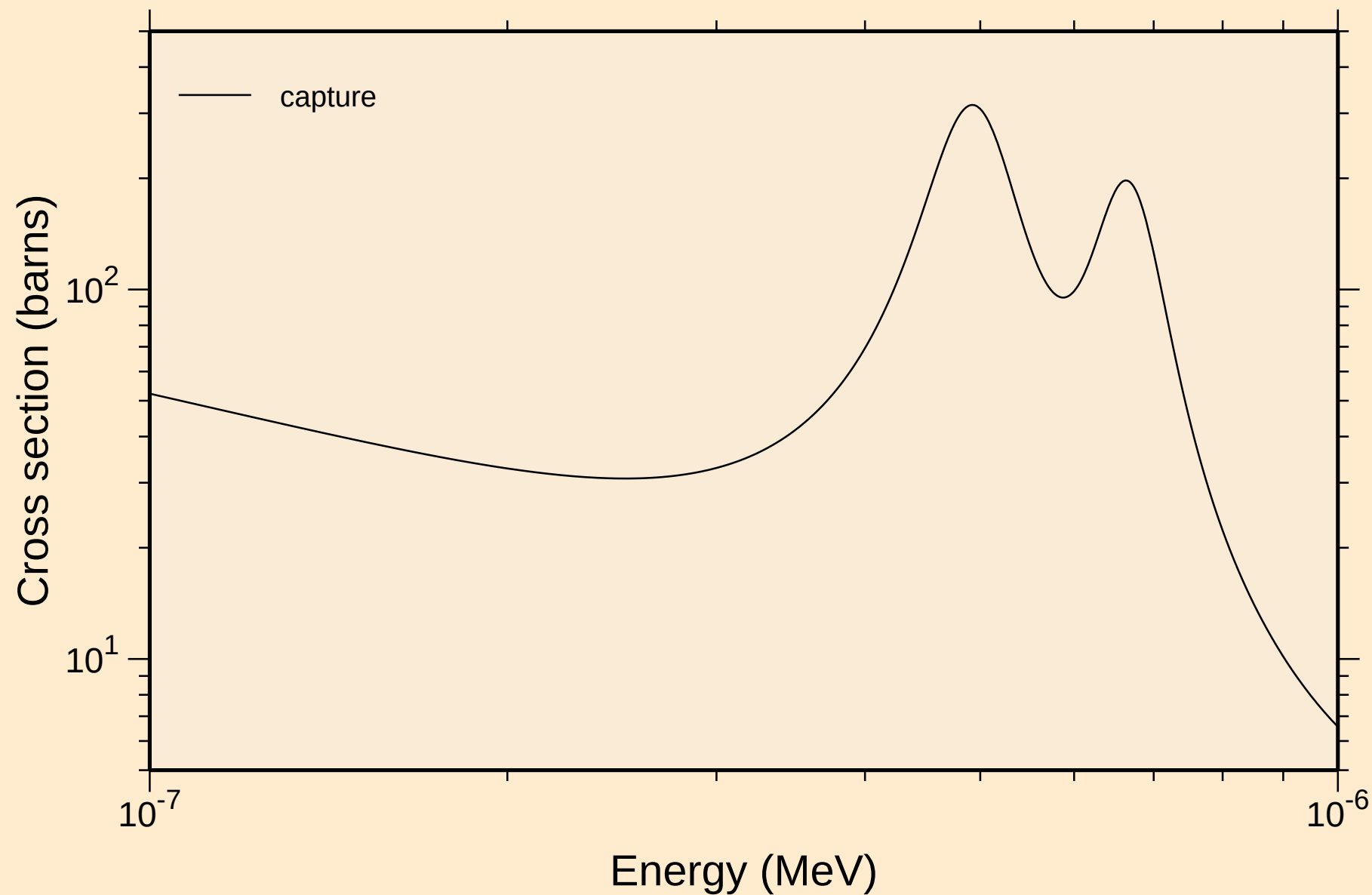
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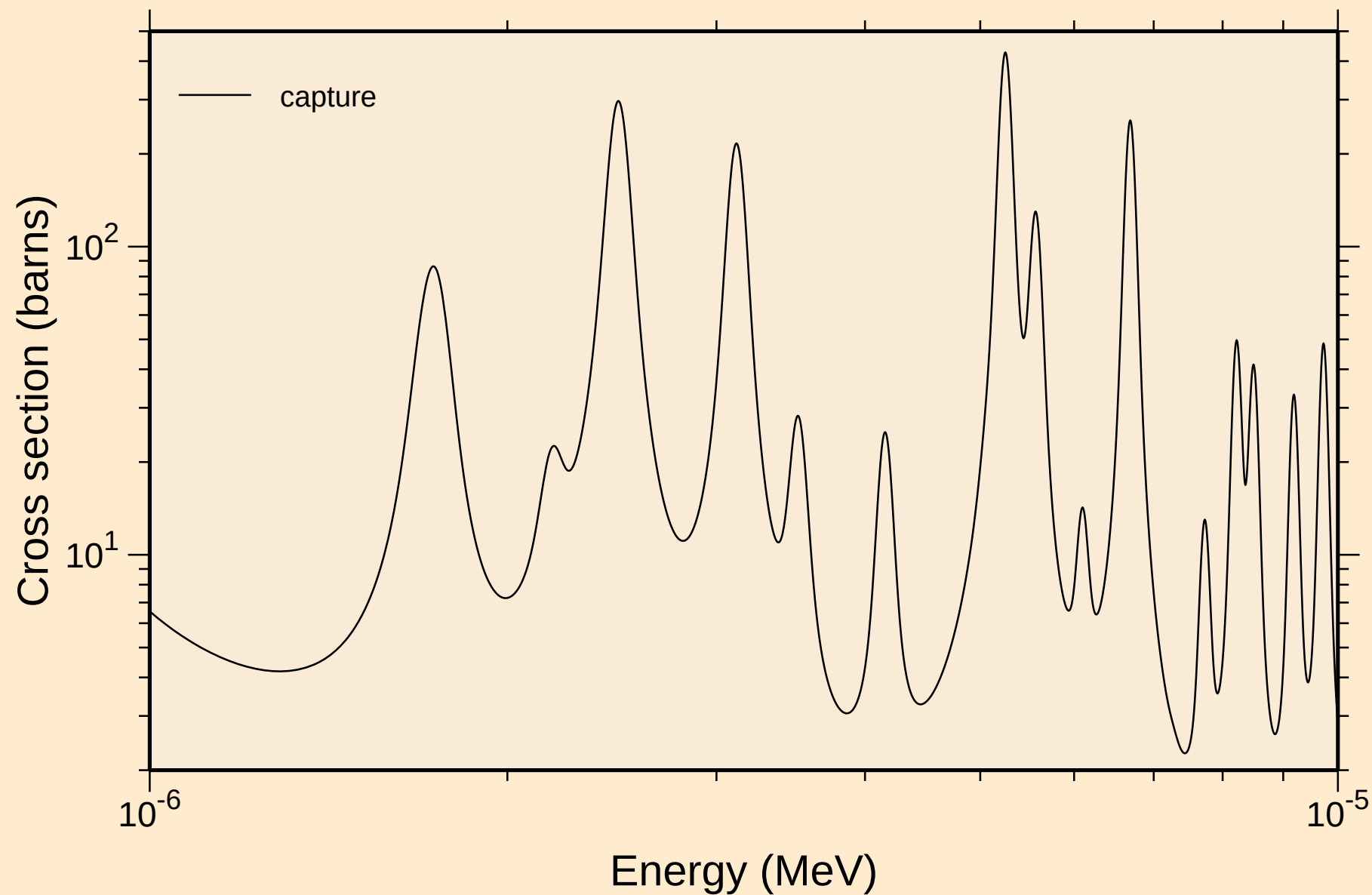
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resonance total cross section



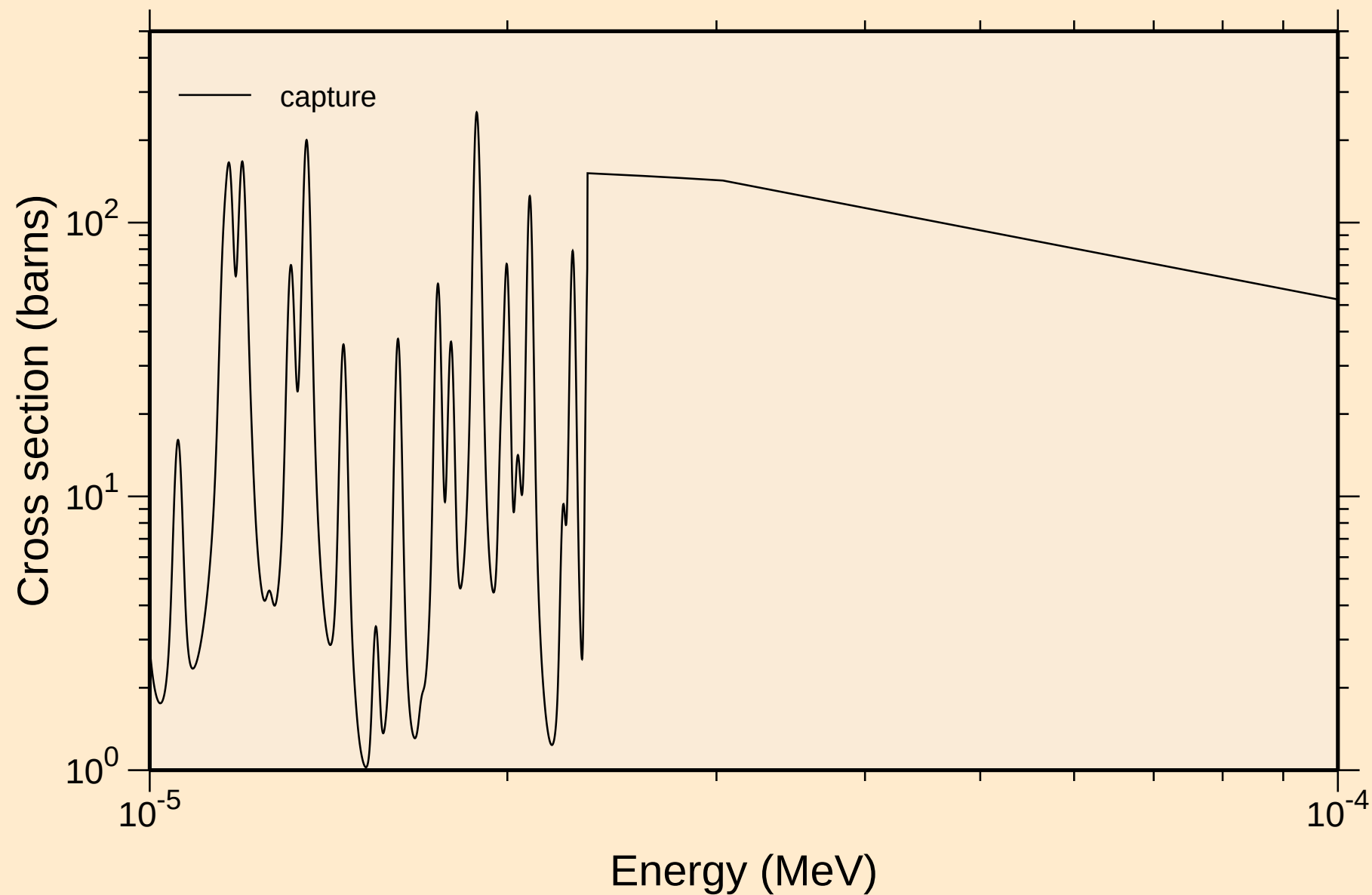
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

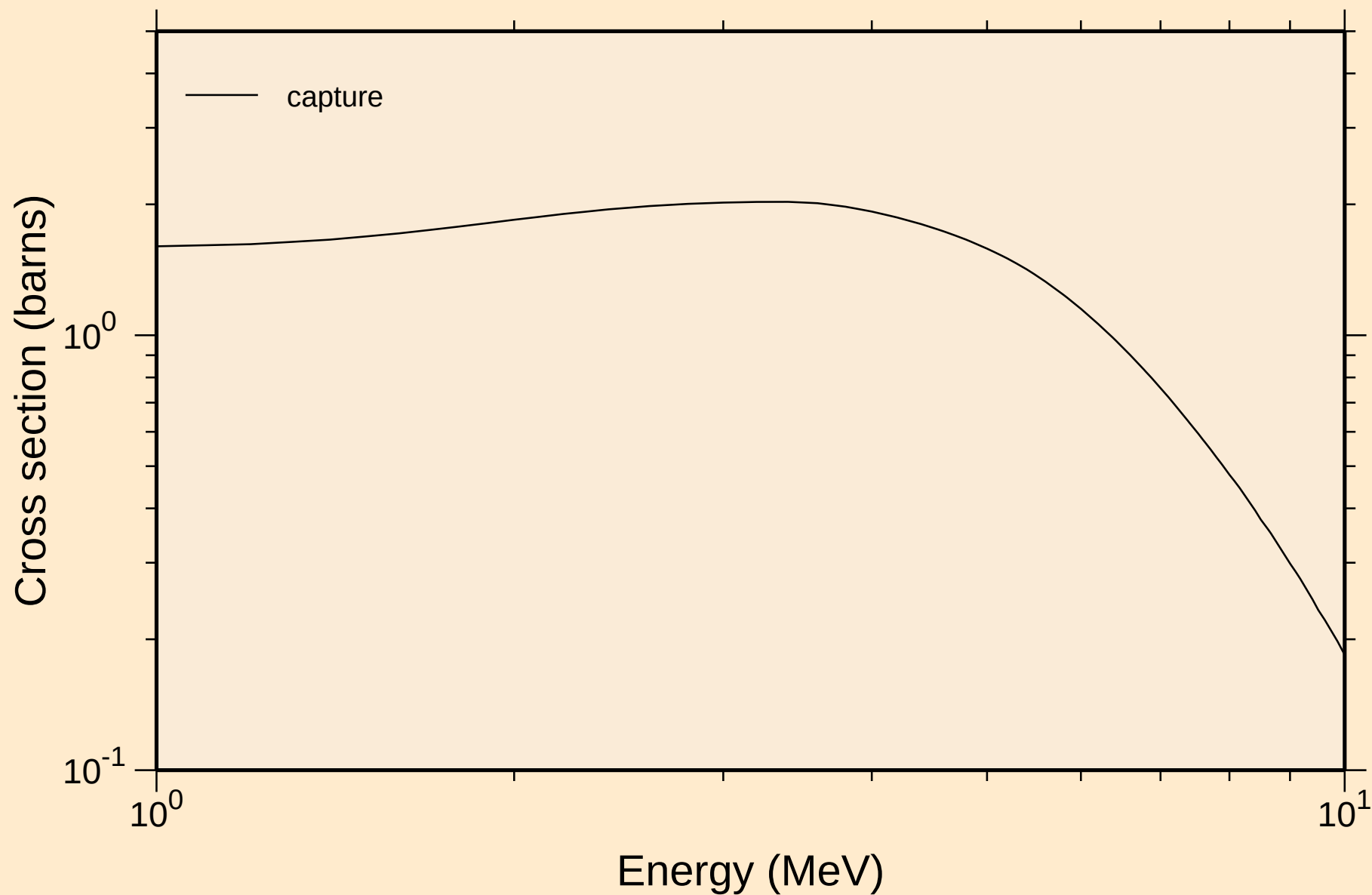


PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

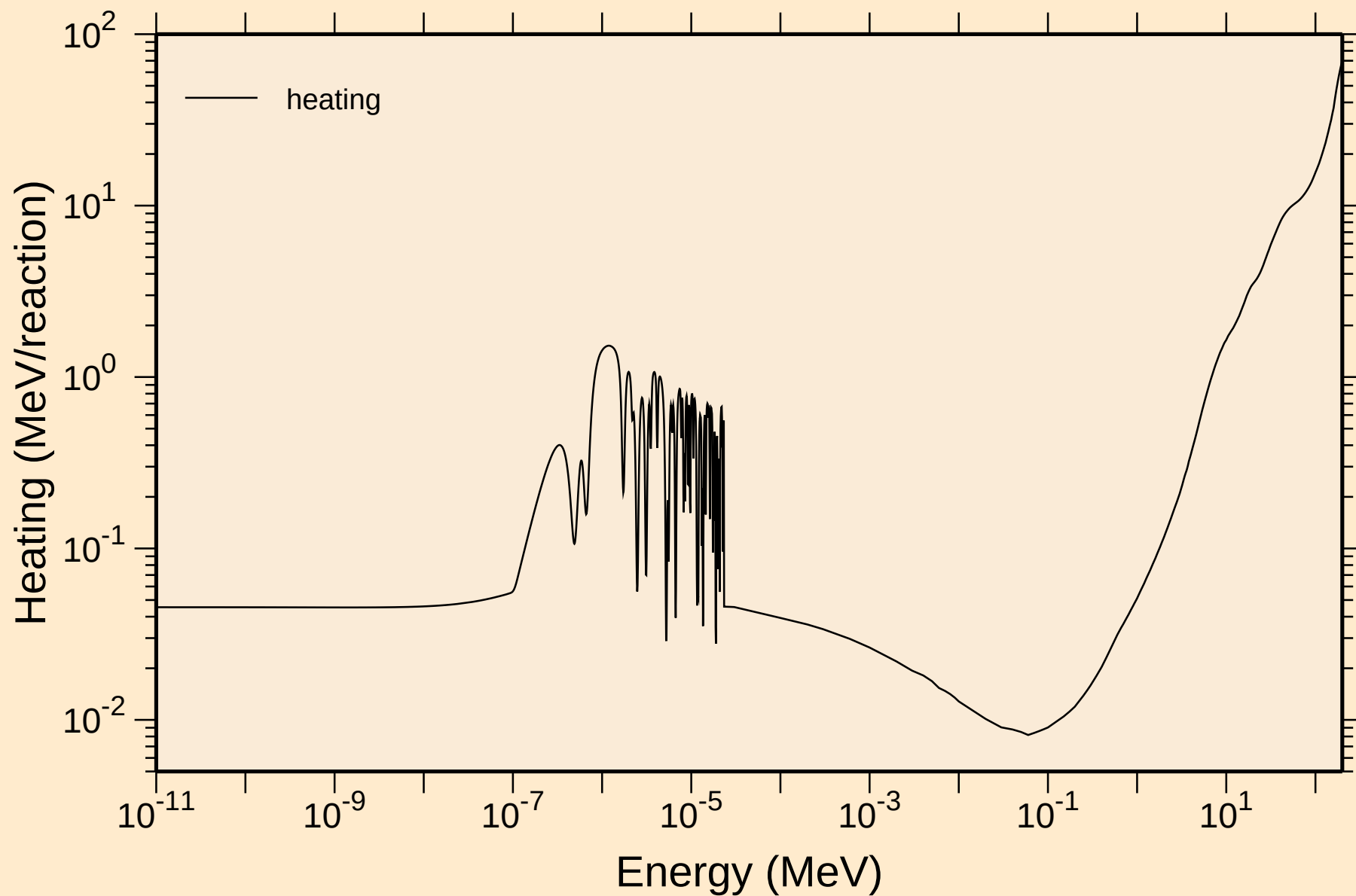




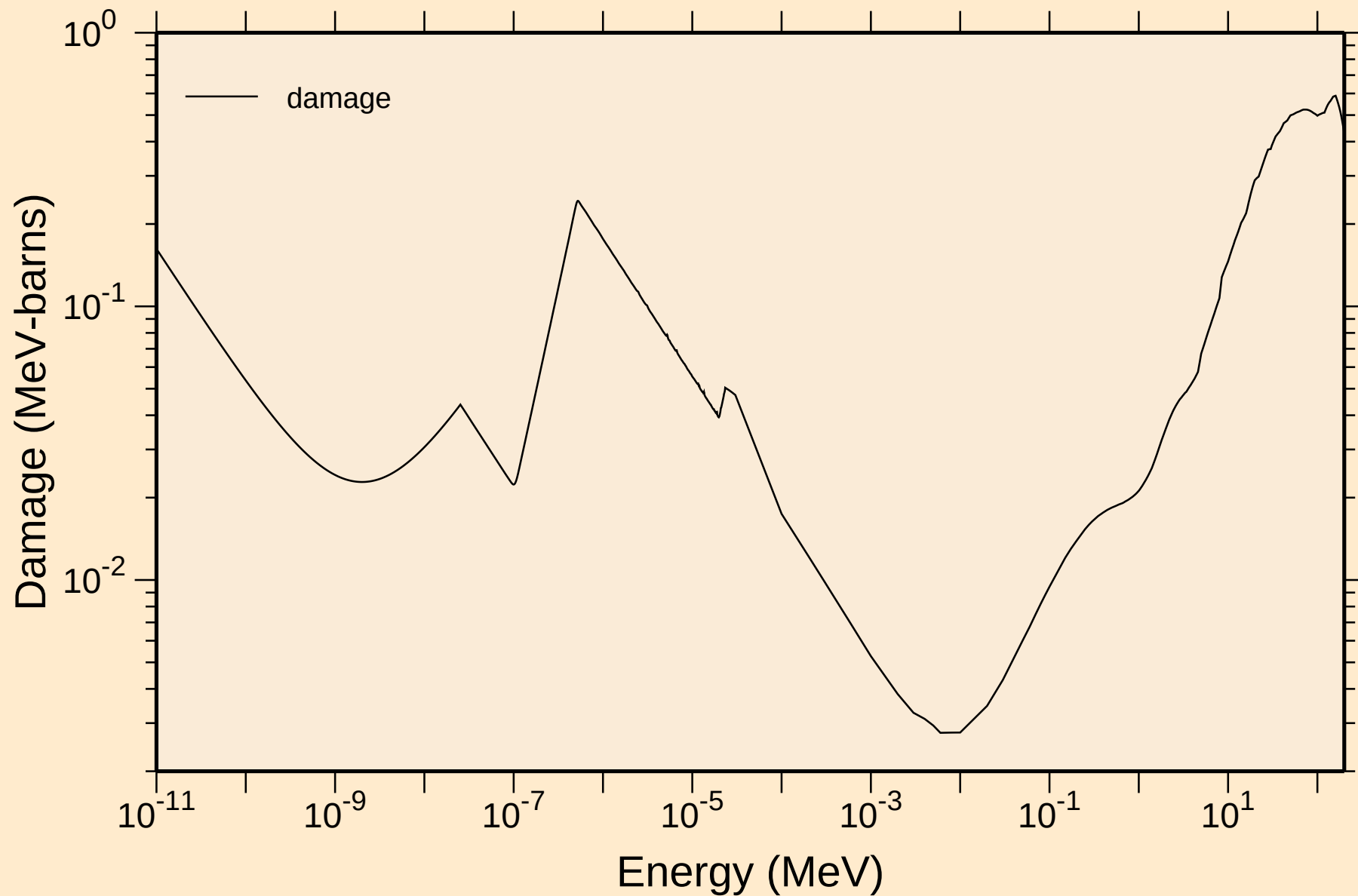
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resonance absorption cross sections



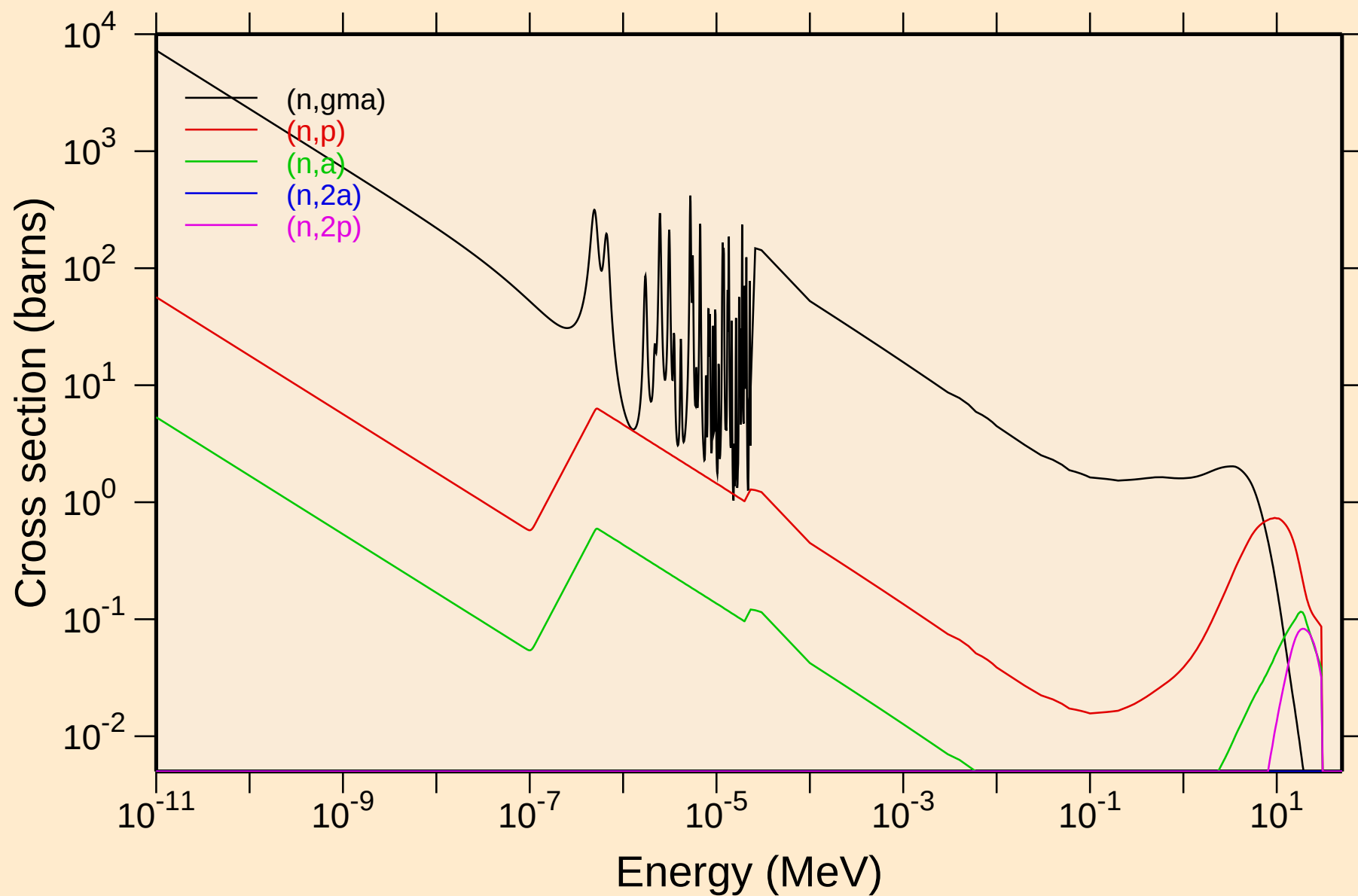
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



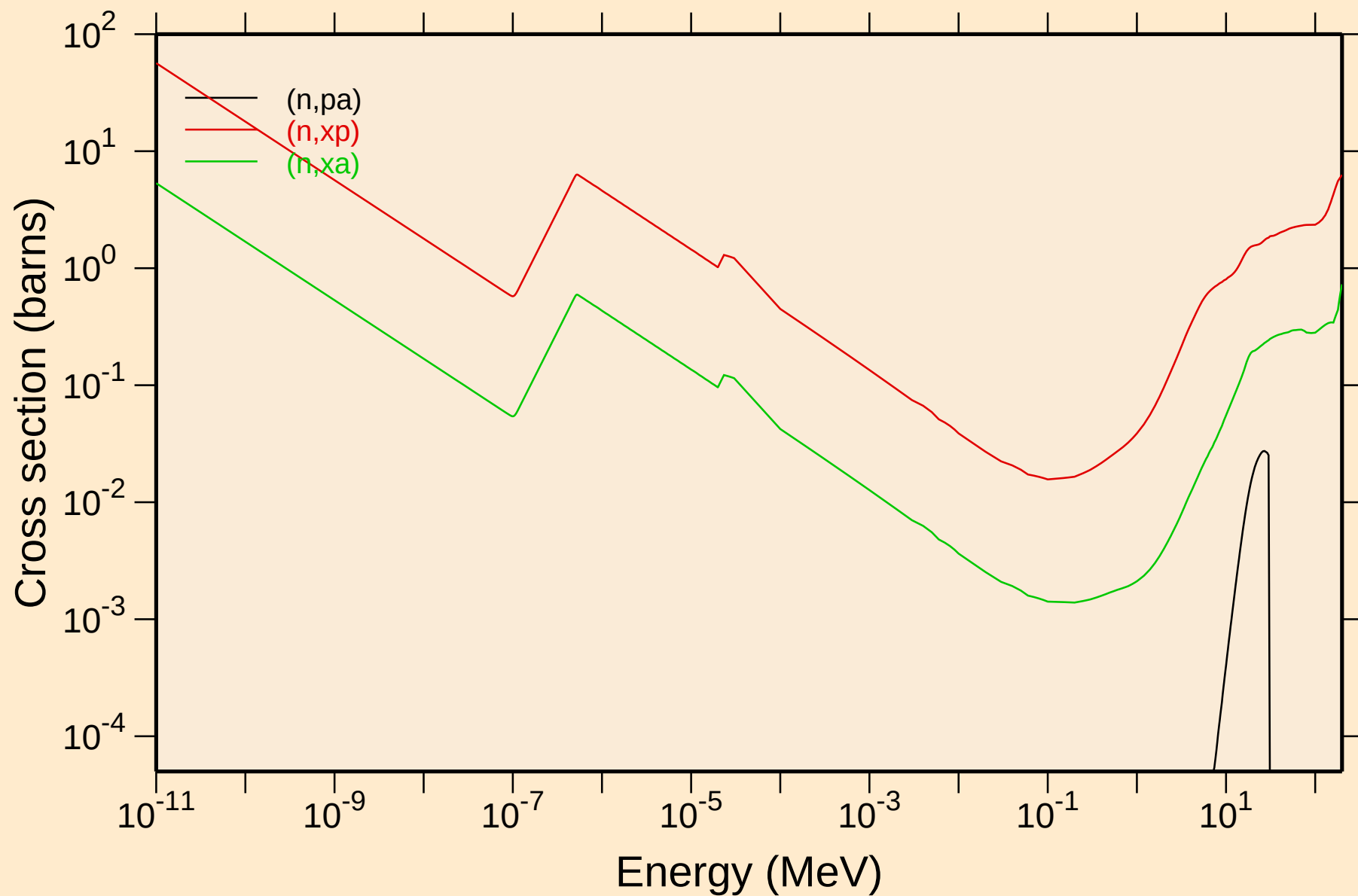
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

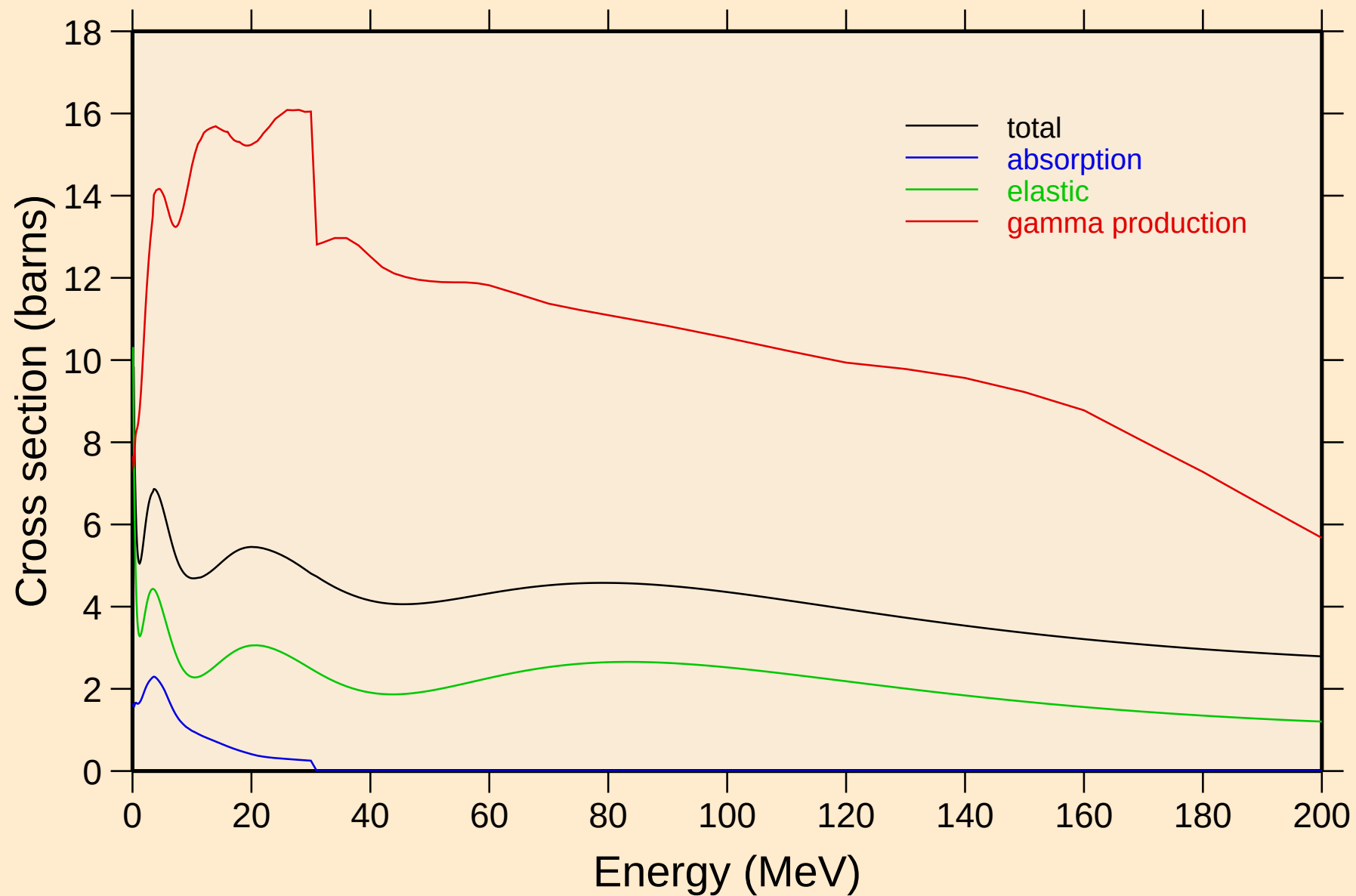


PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

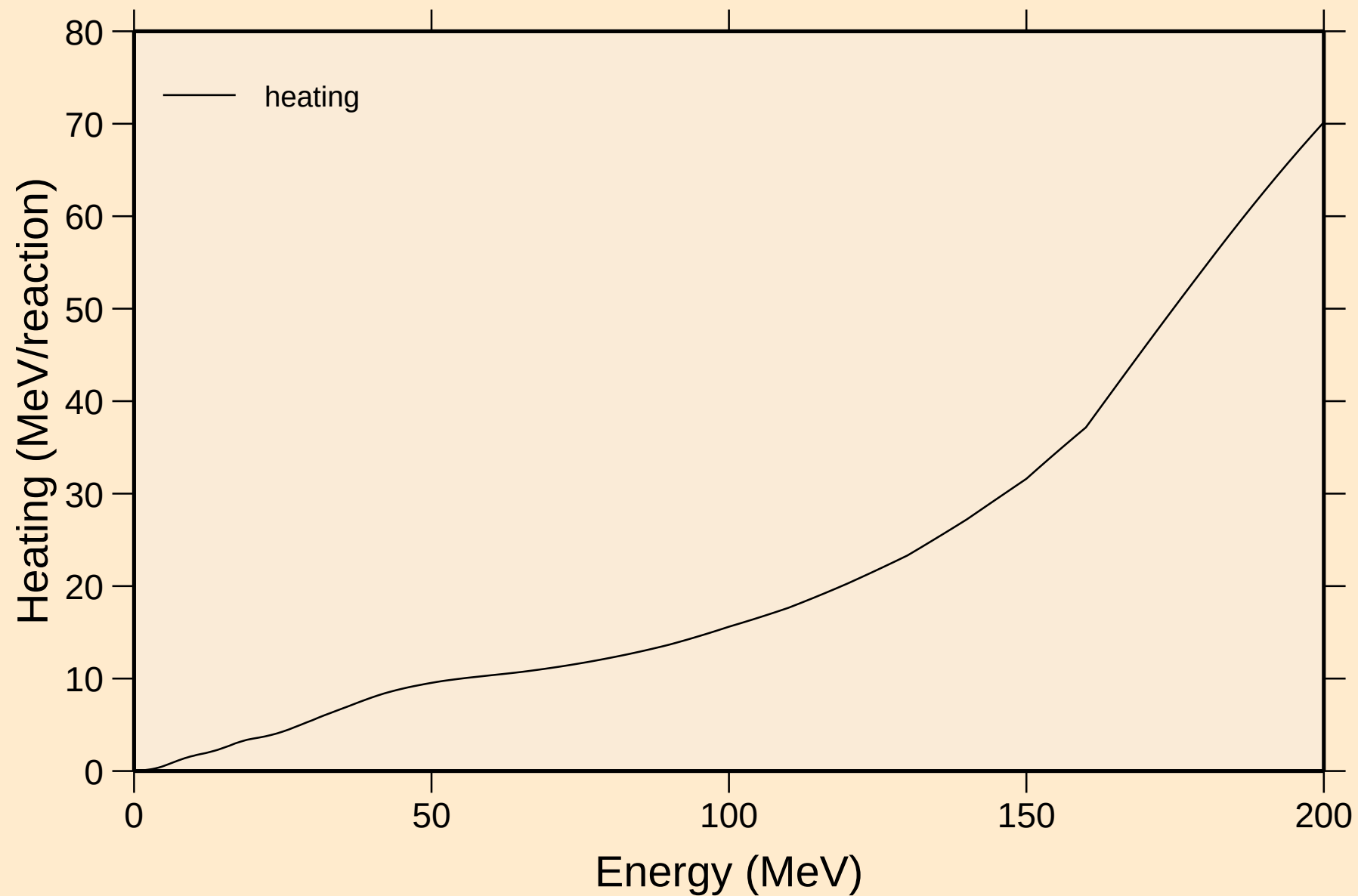


# PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

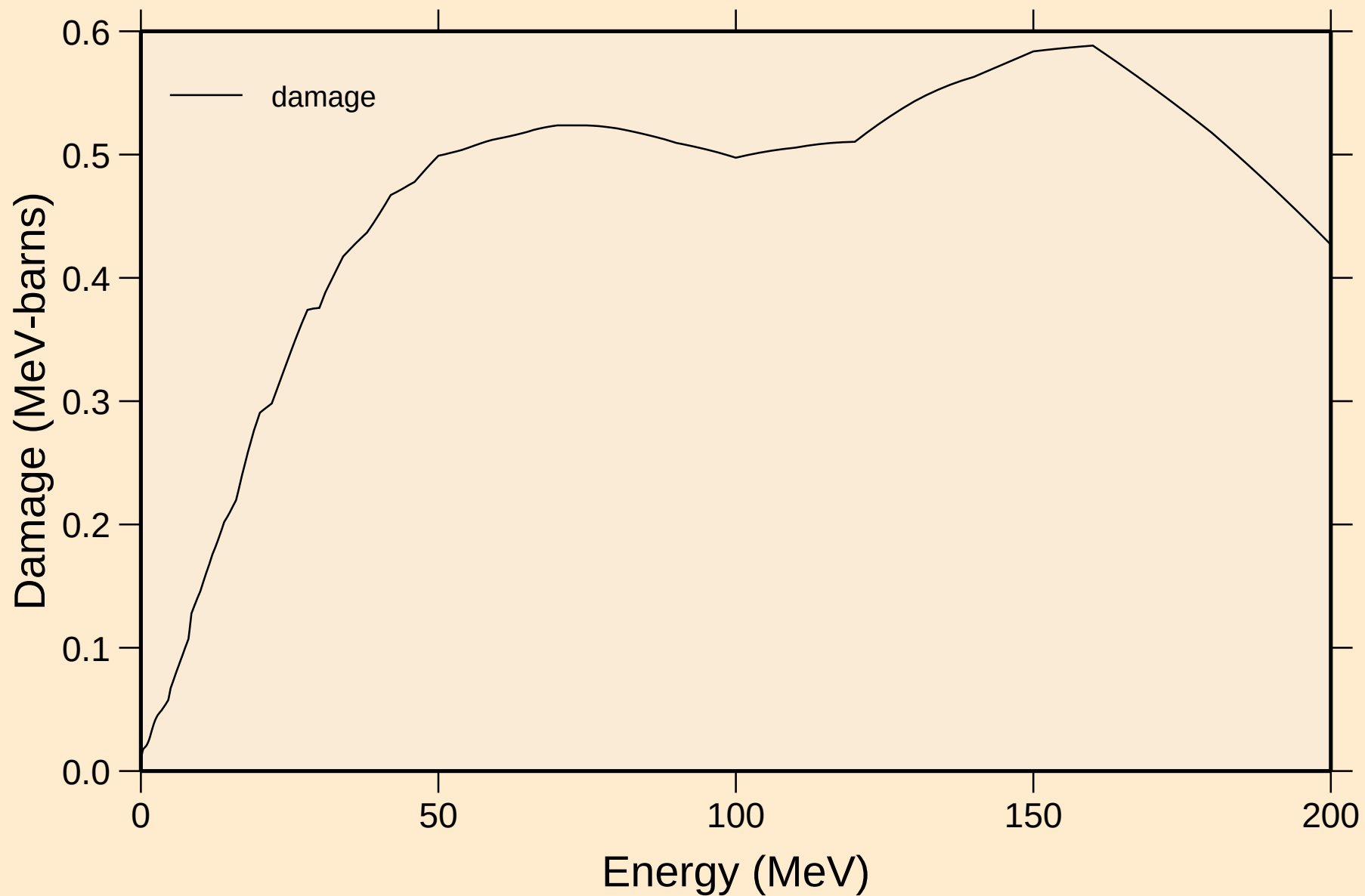
## Principal cross sections



PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

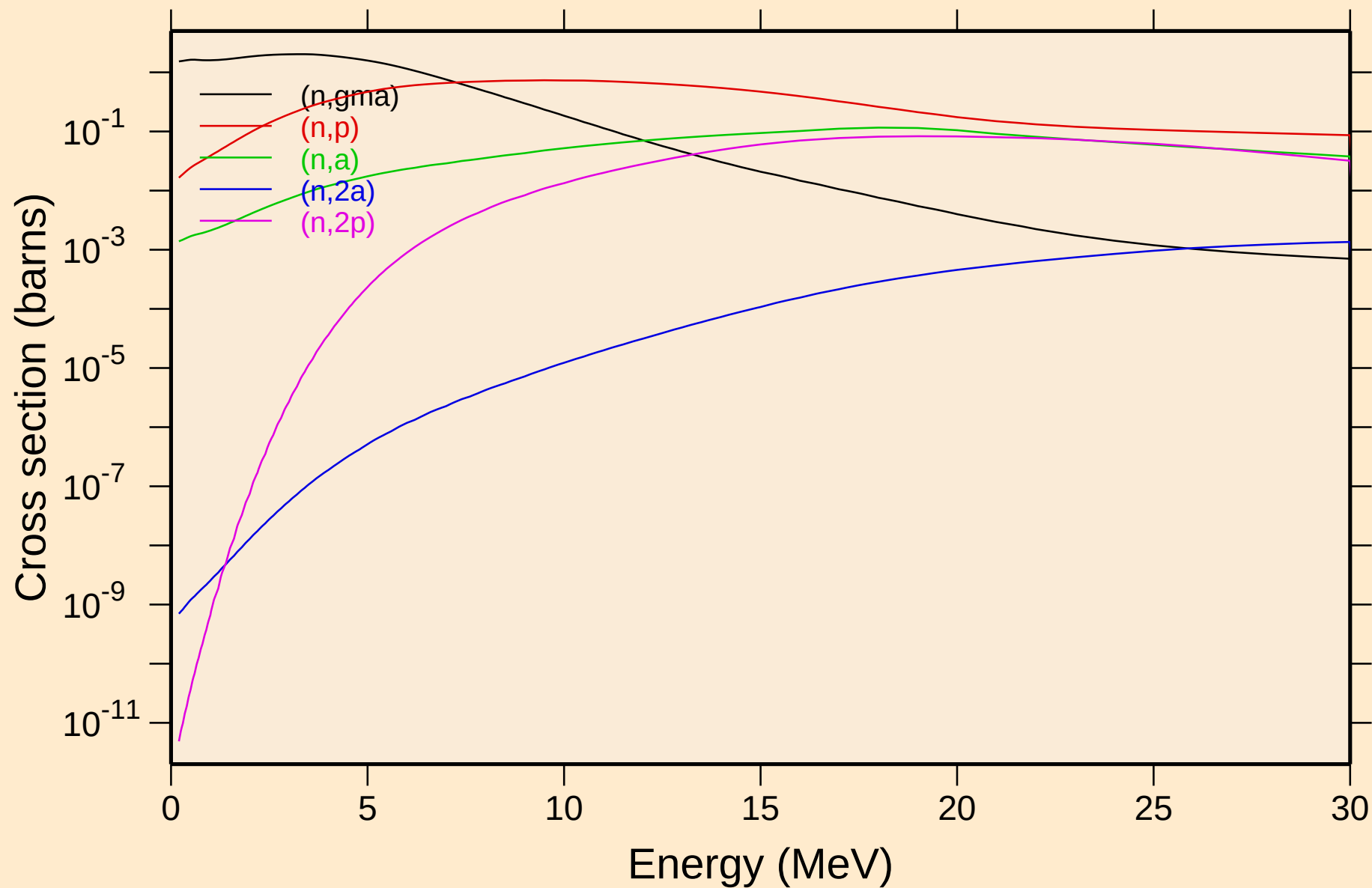


PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

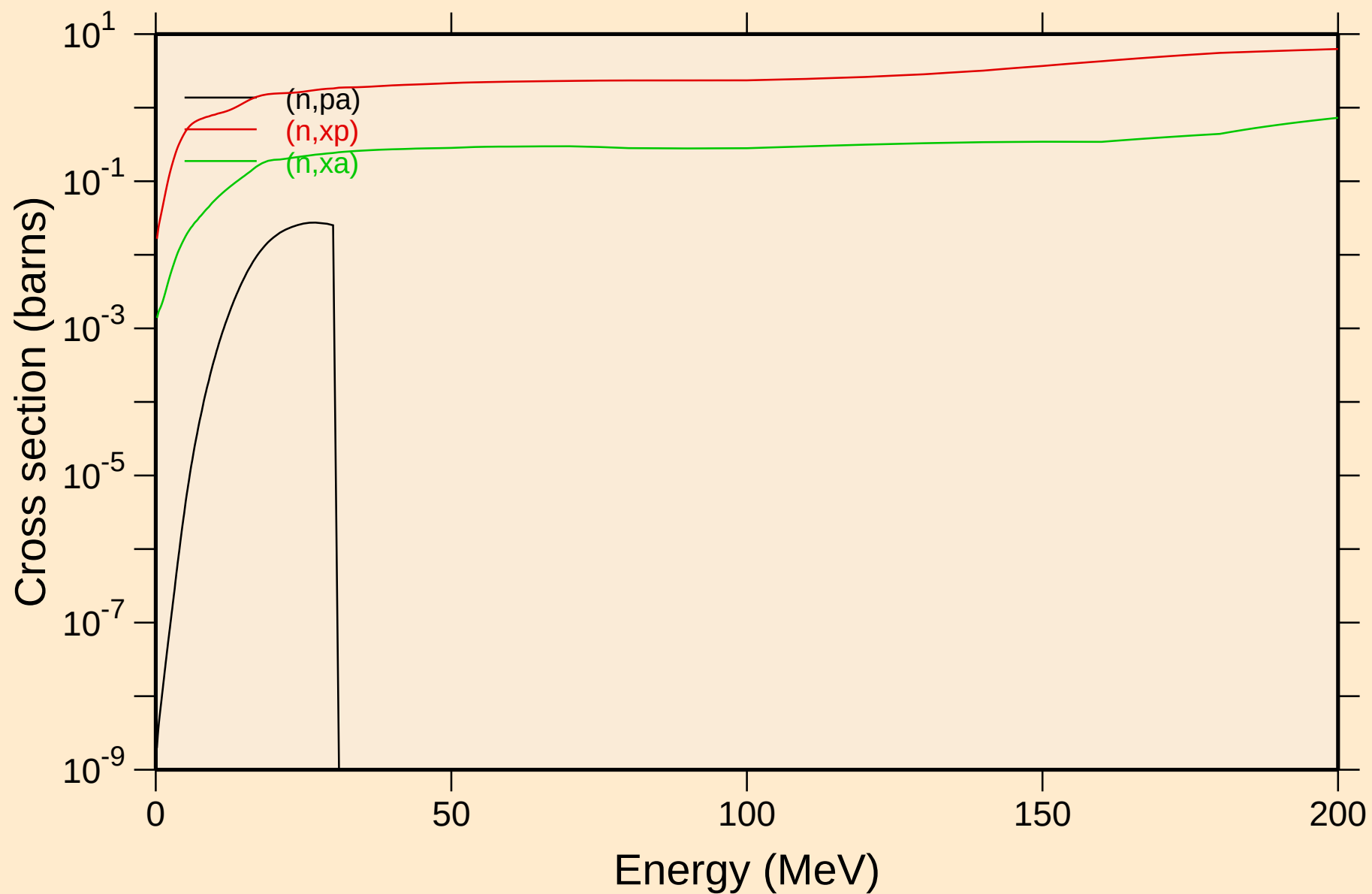




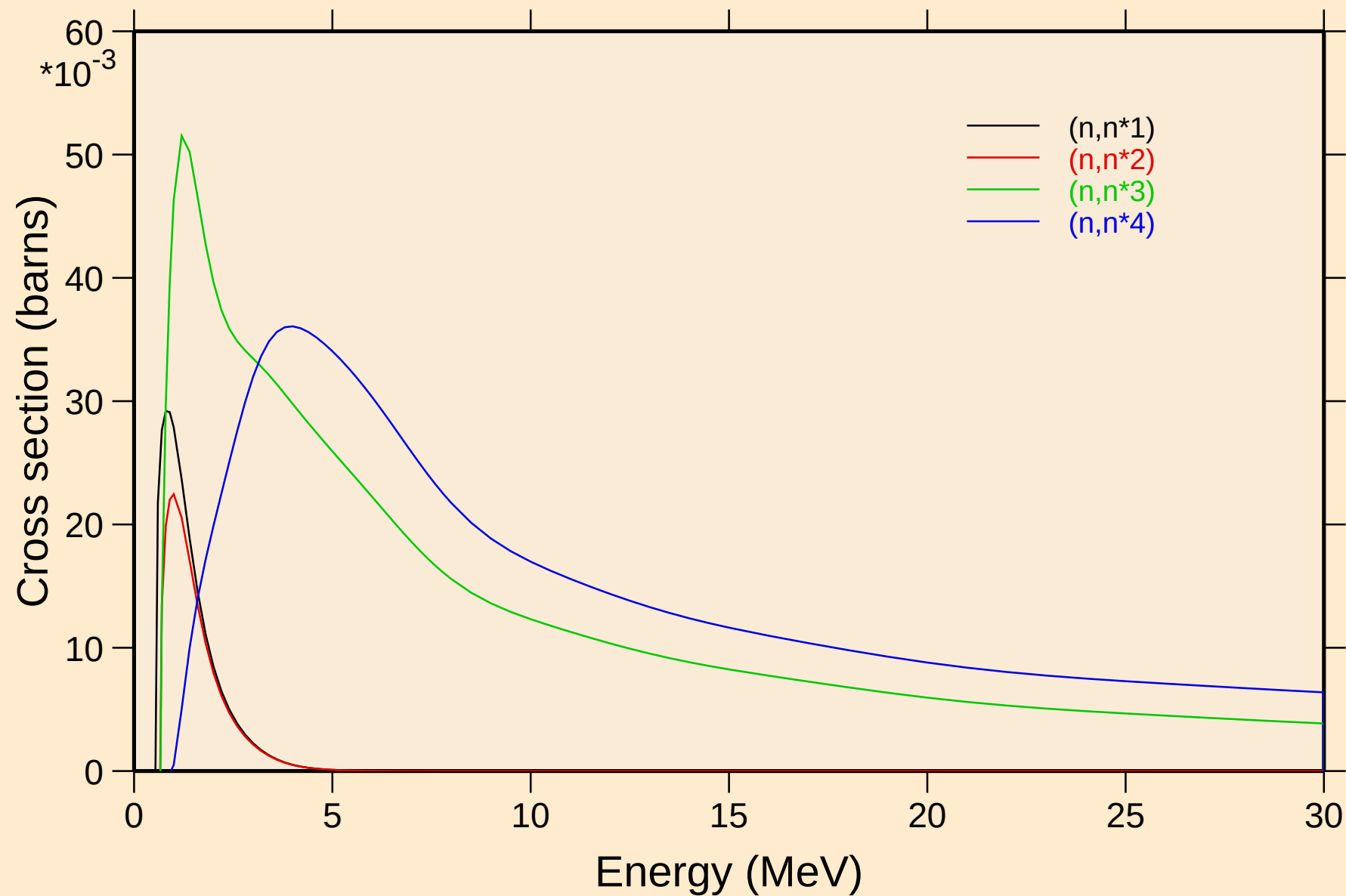
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Non-threshold reactions



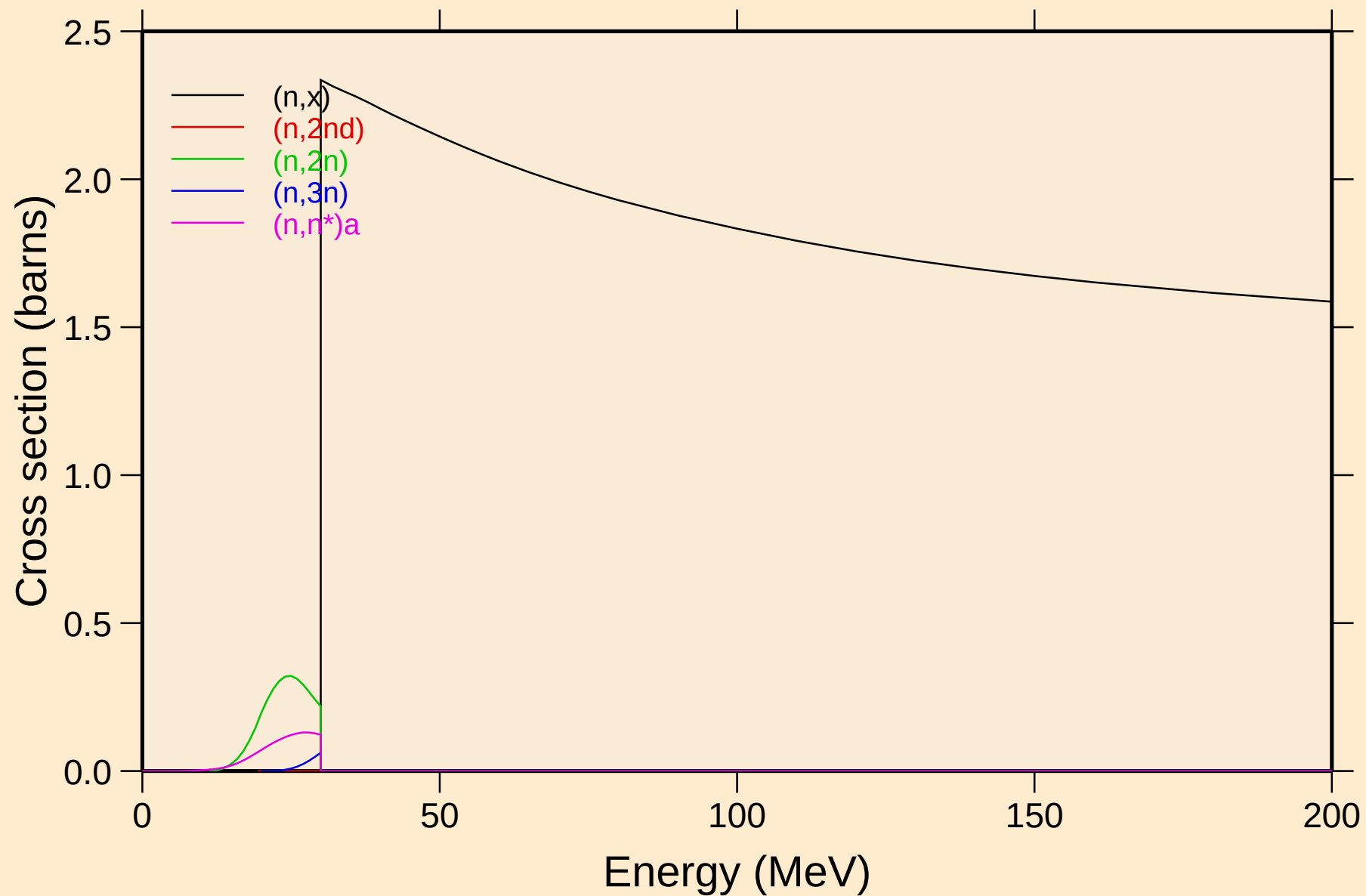
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



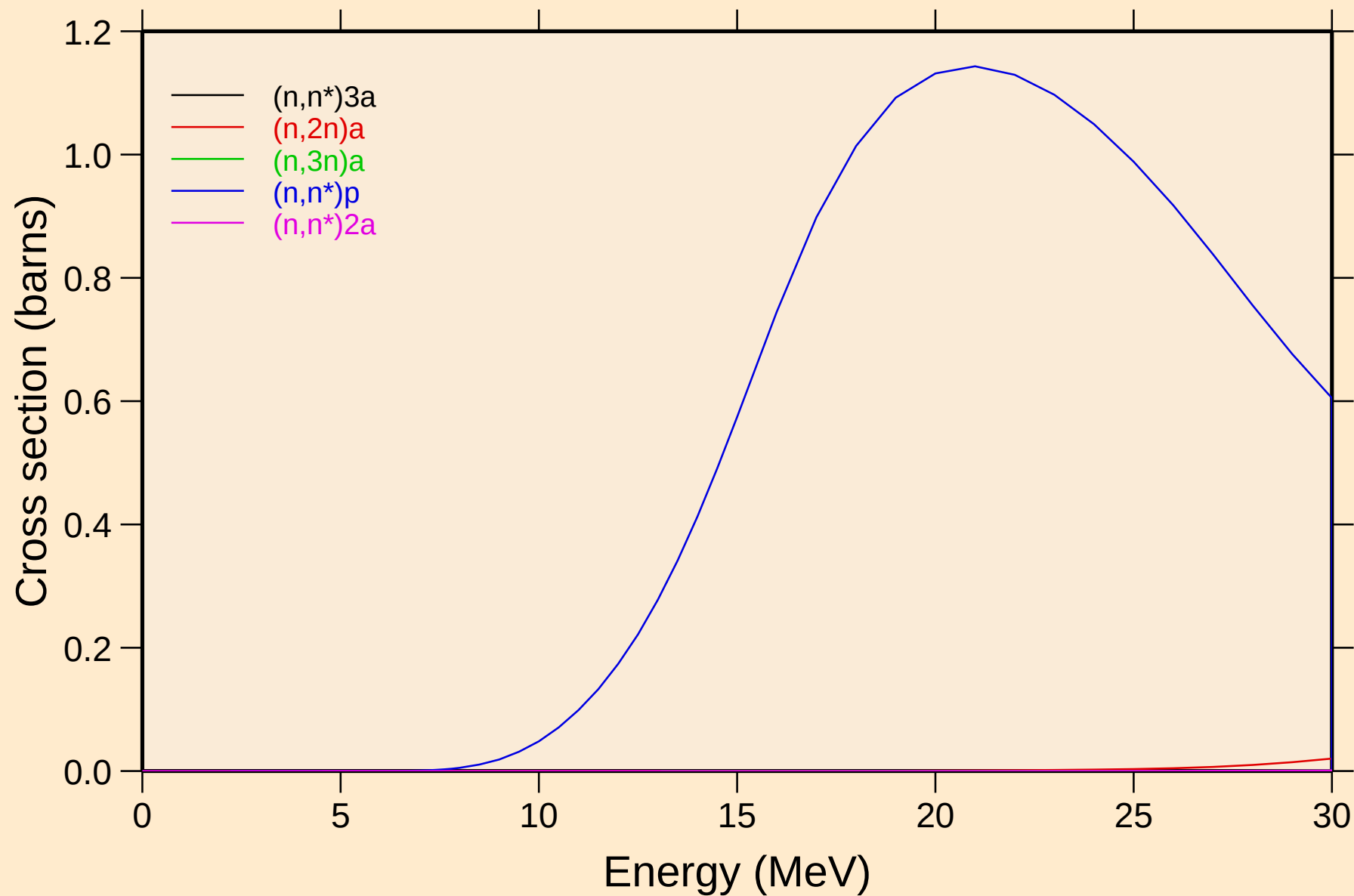
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



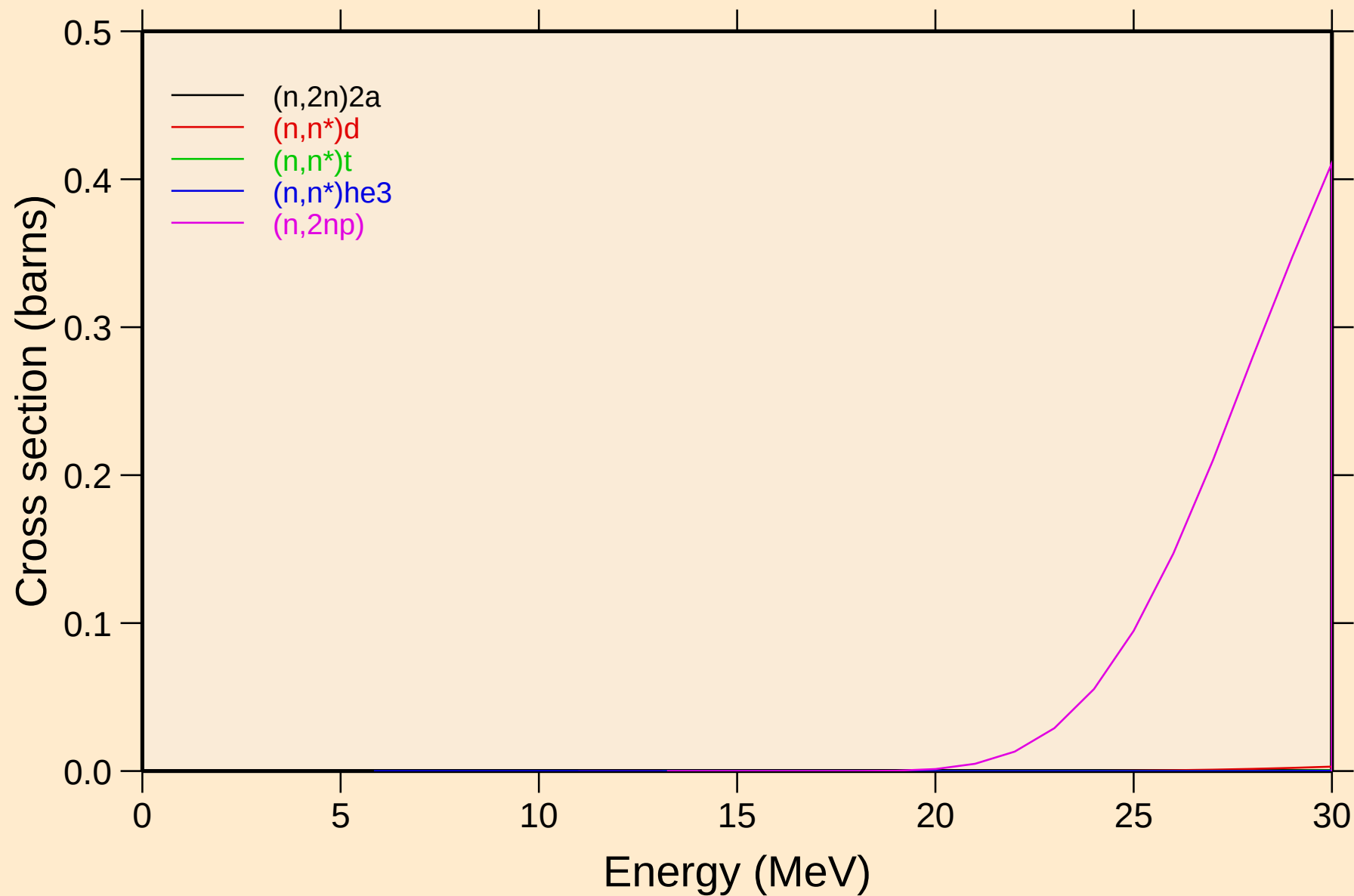
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



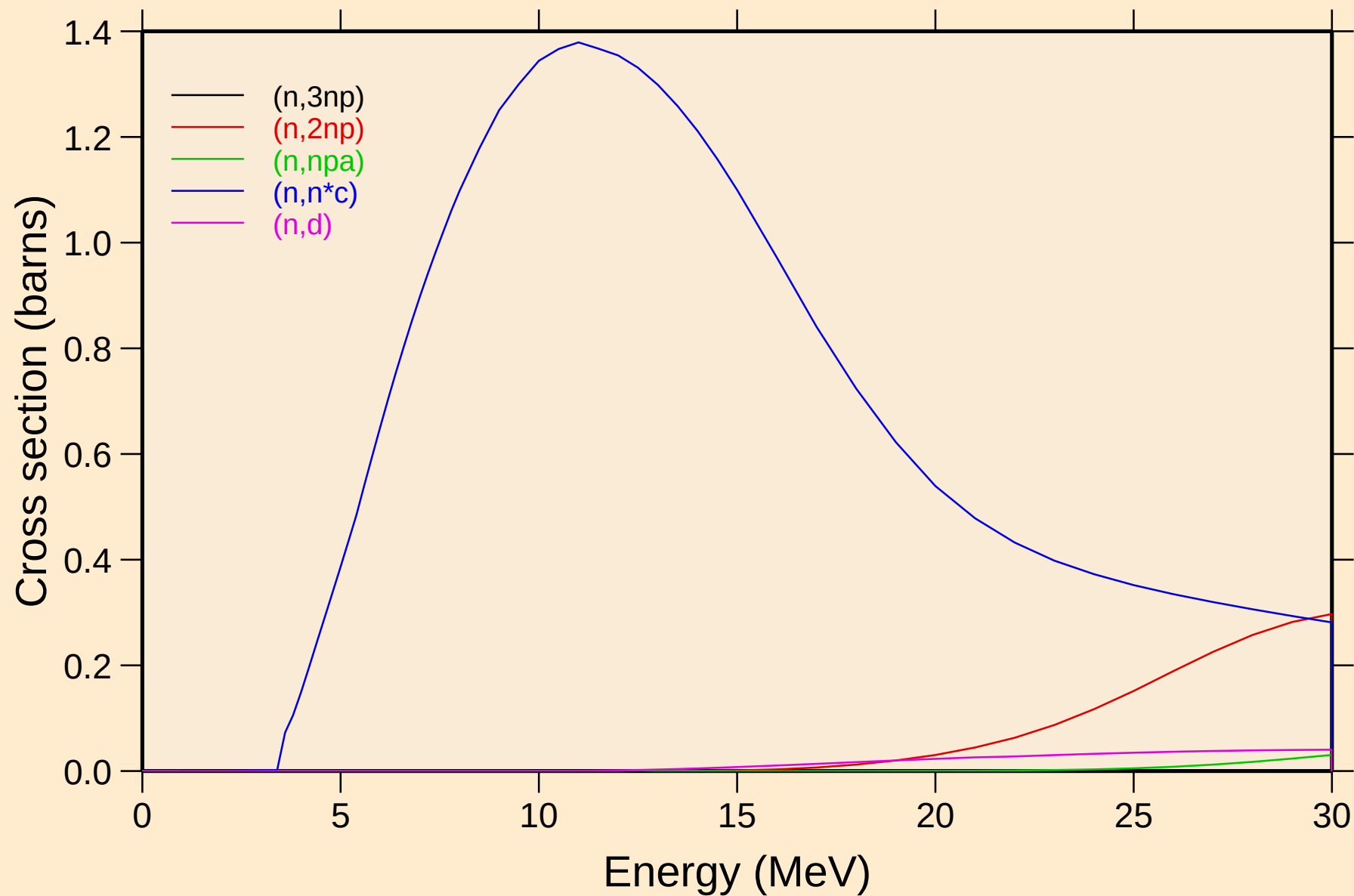
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



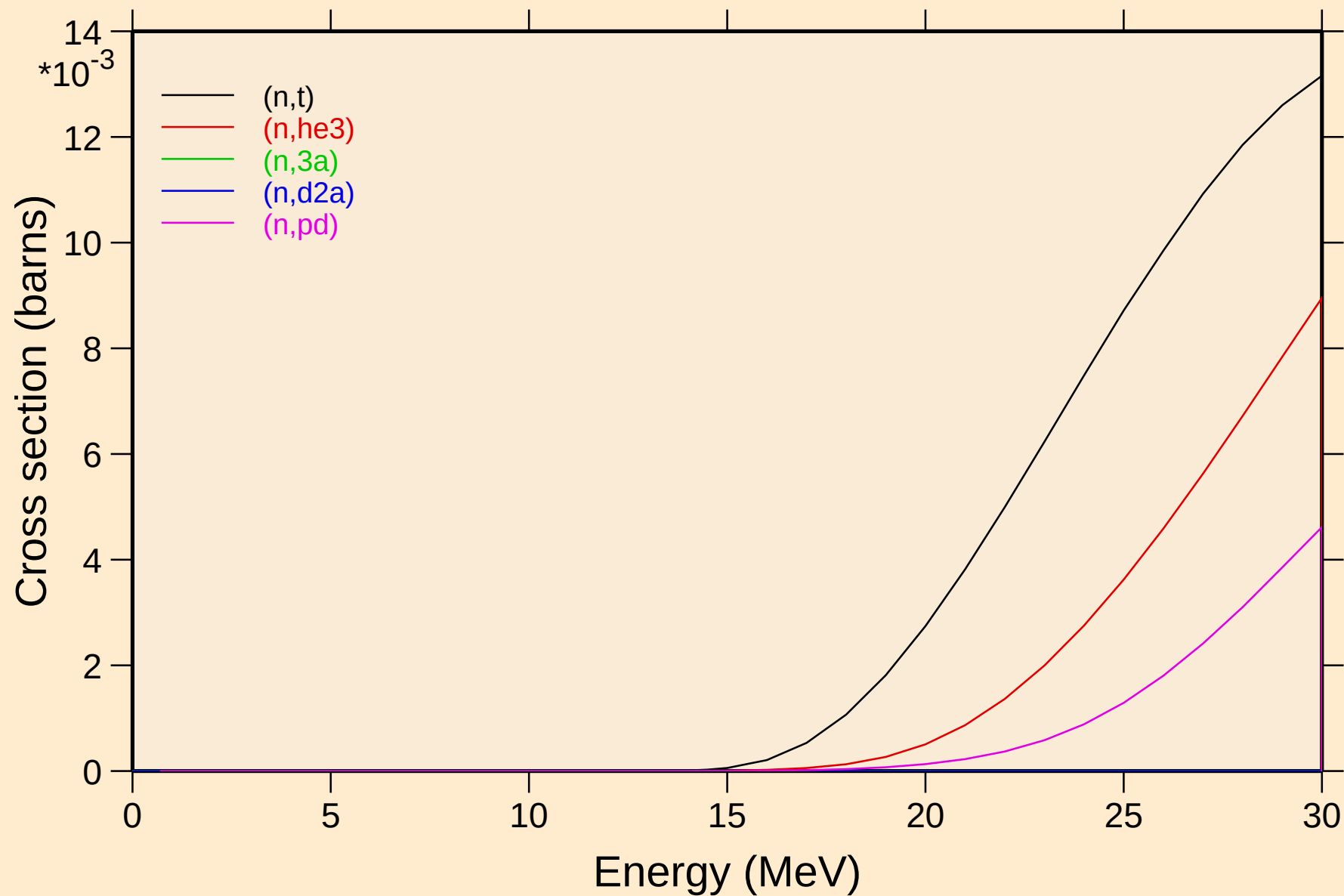
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

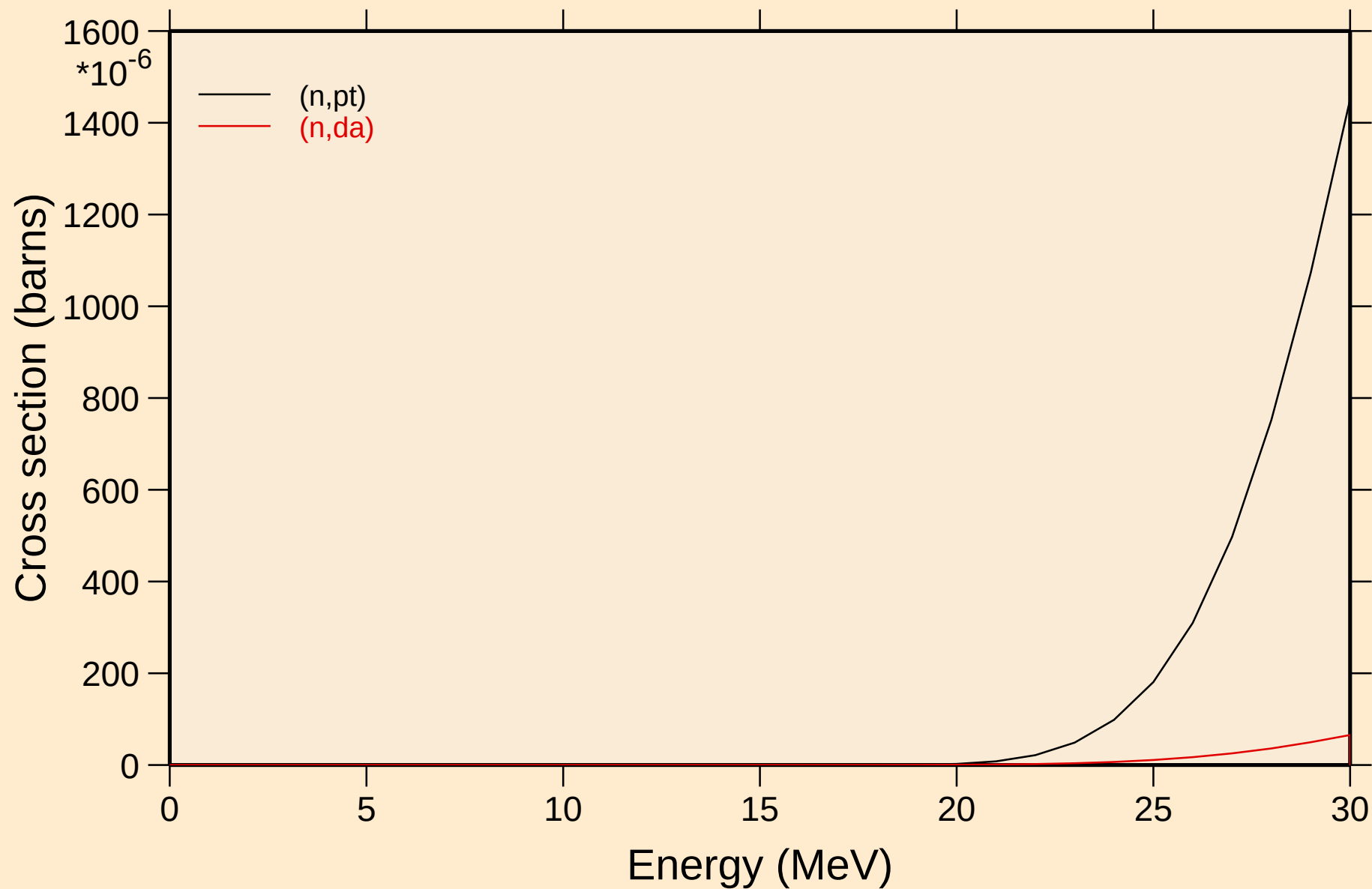


PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

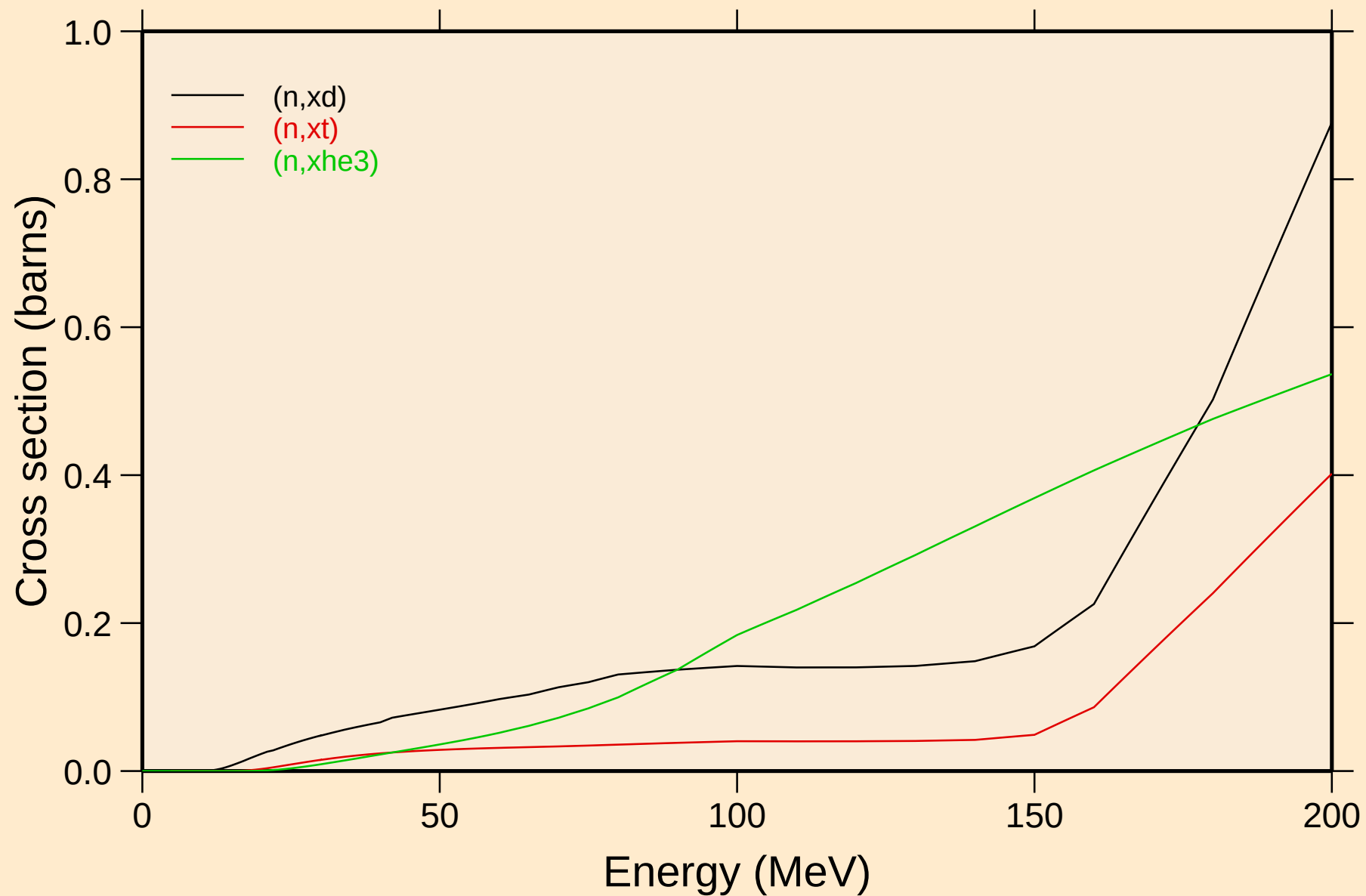




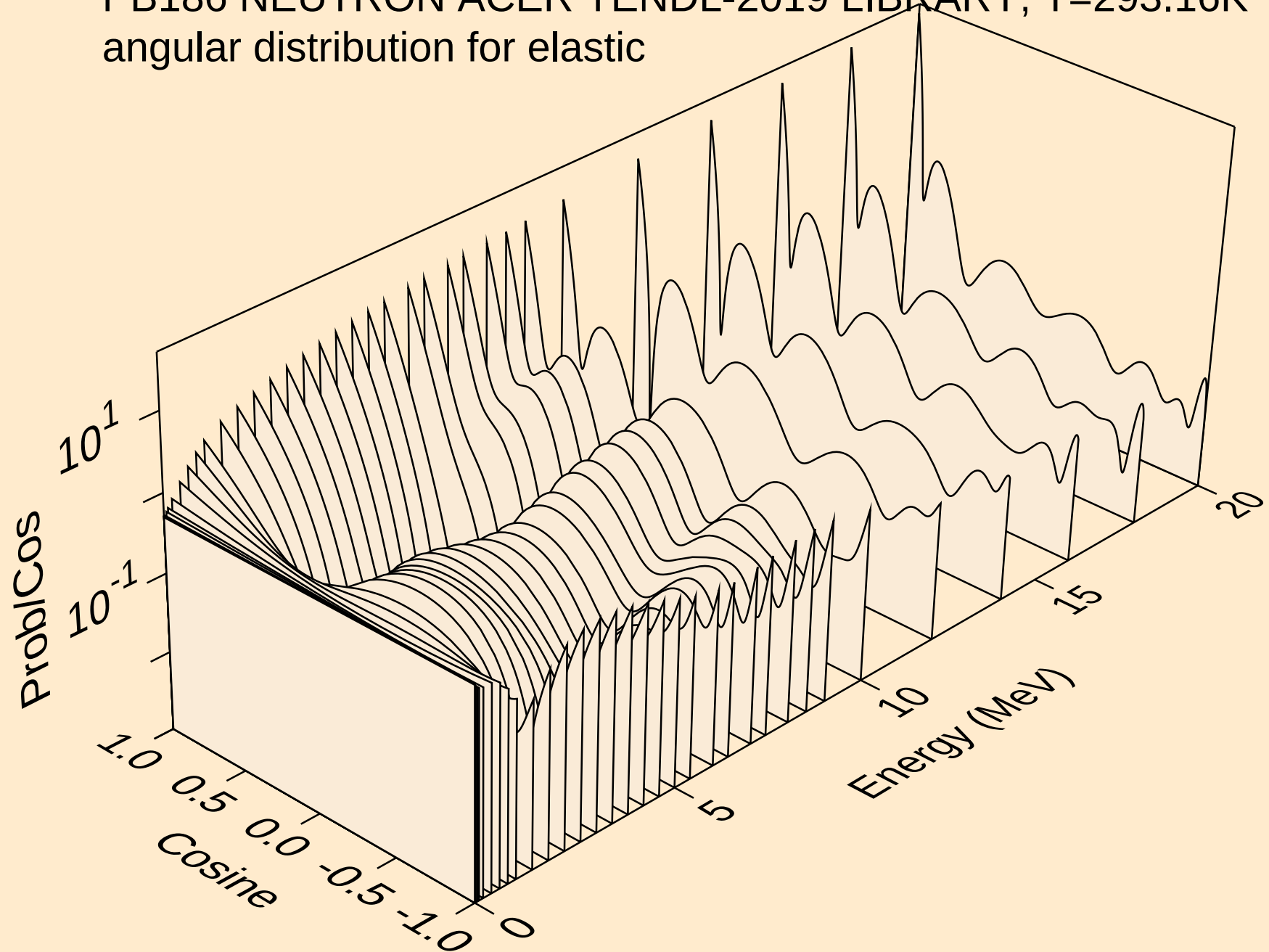
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



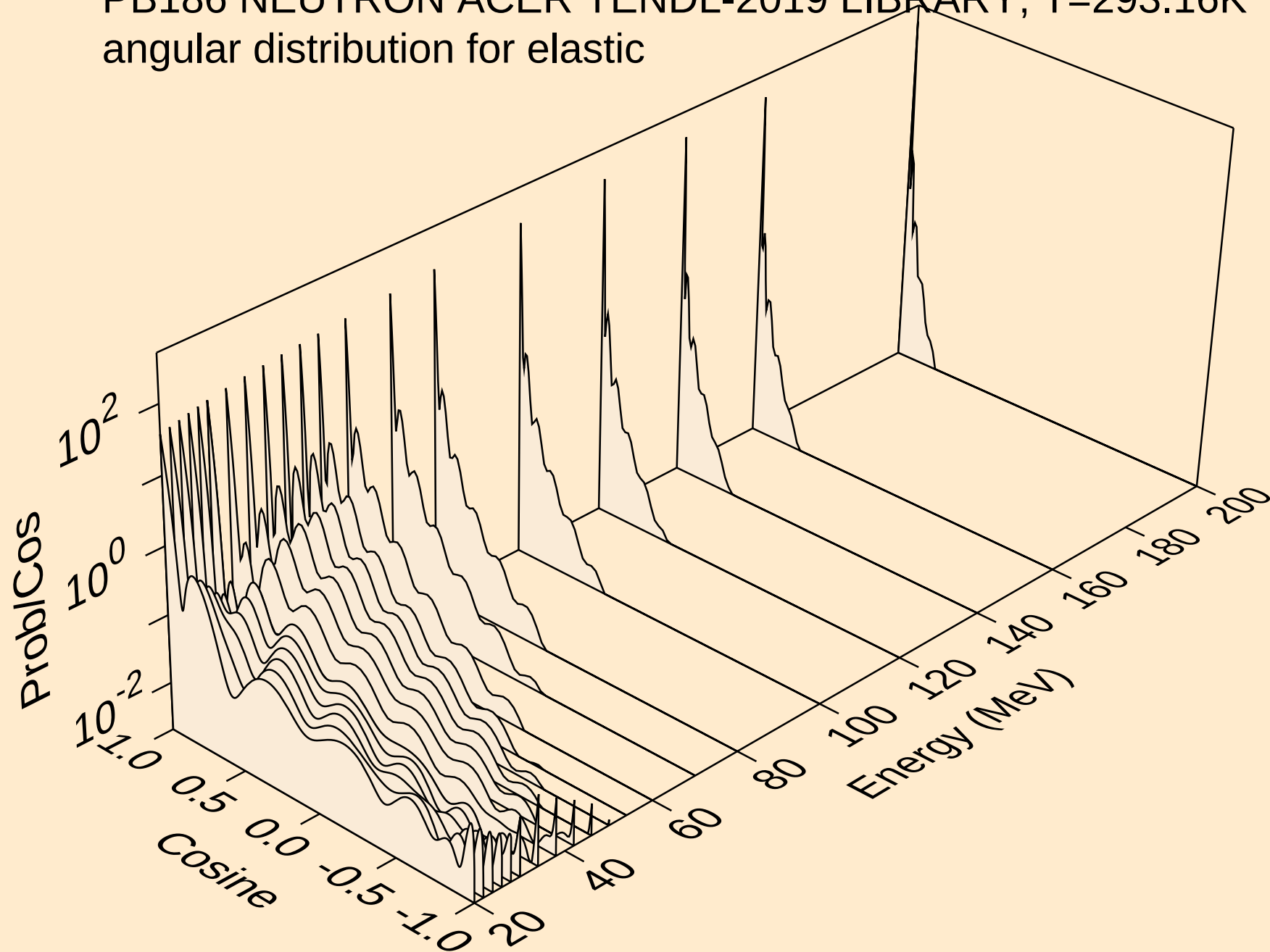
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



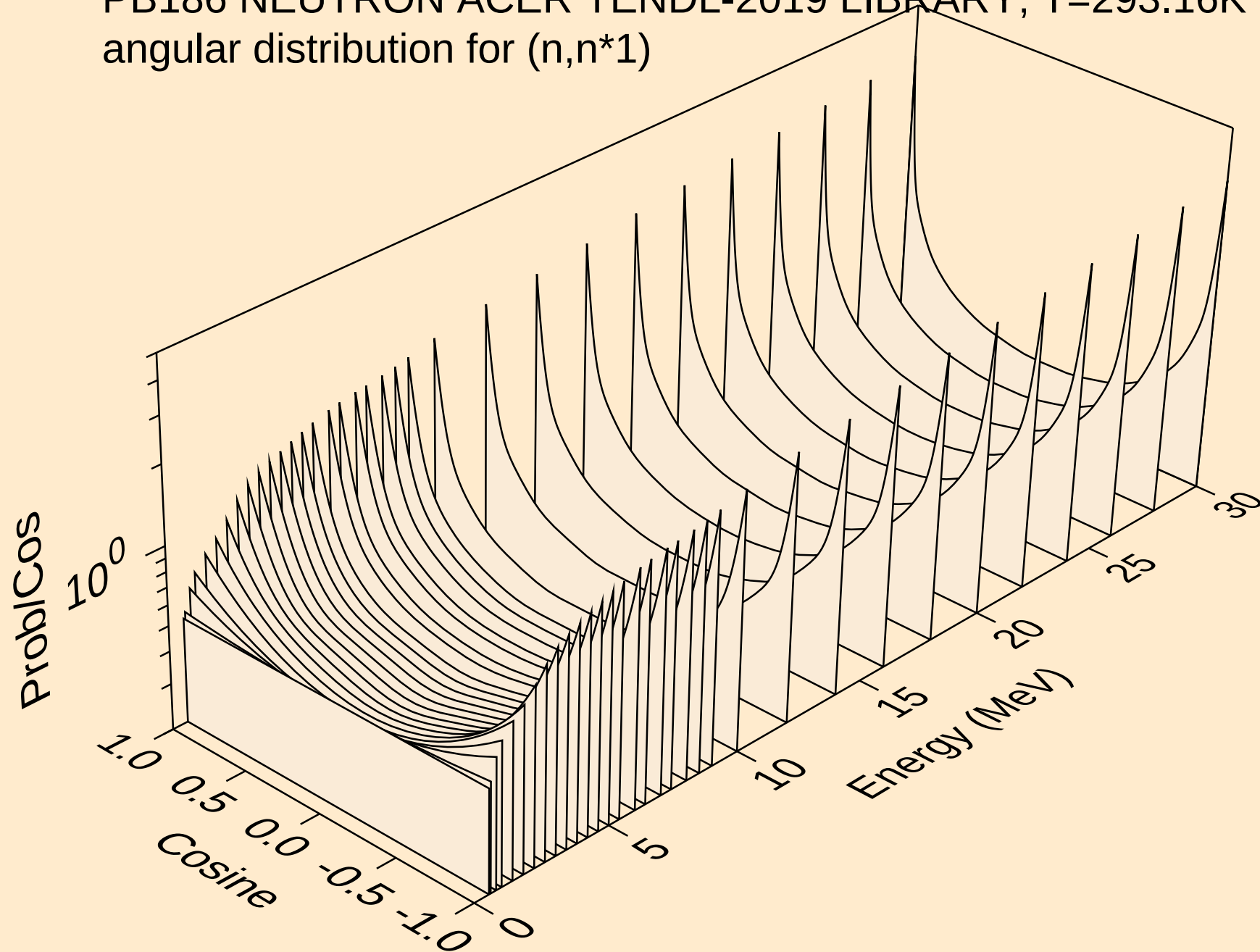
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



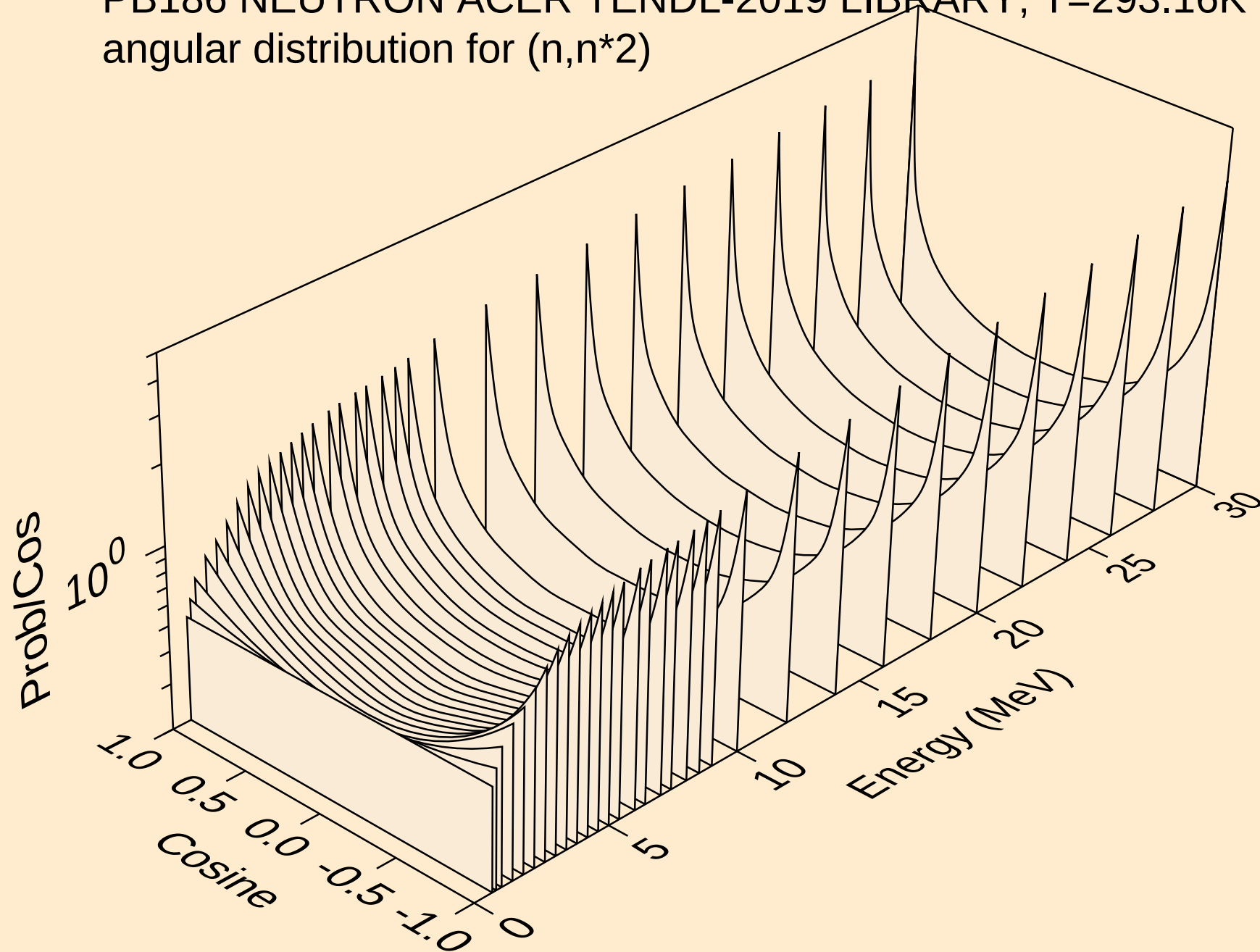
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angular distribution for elastic



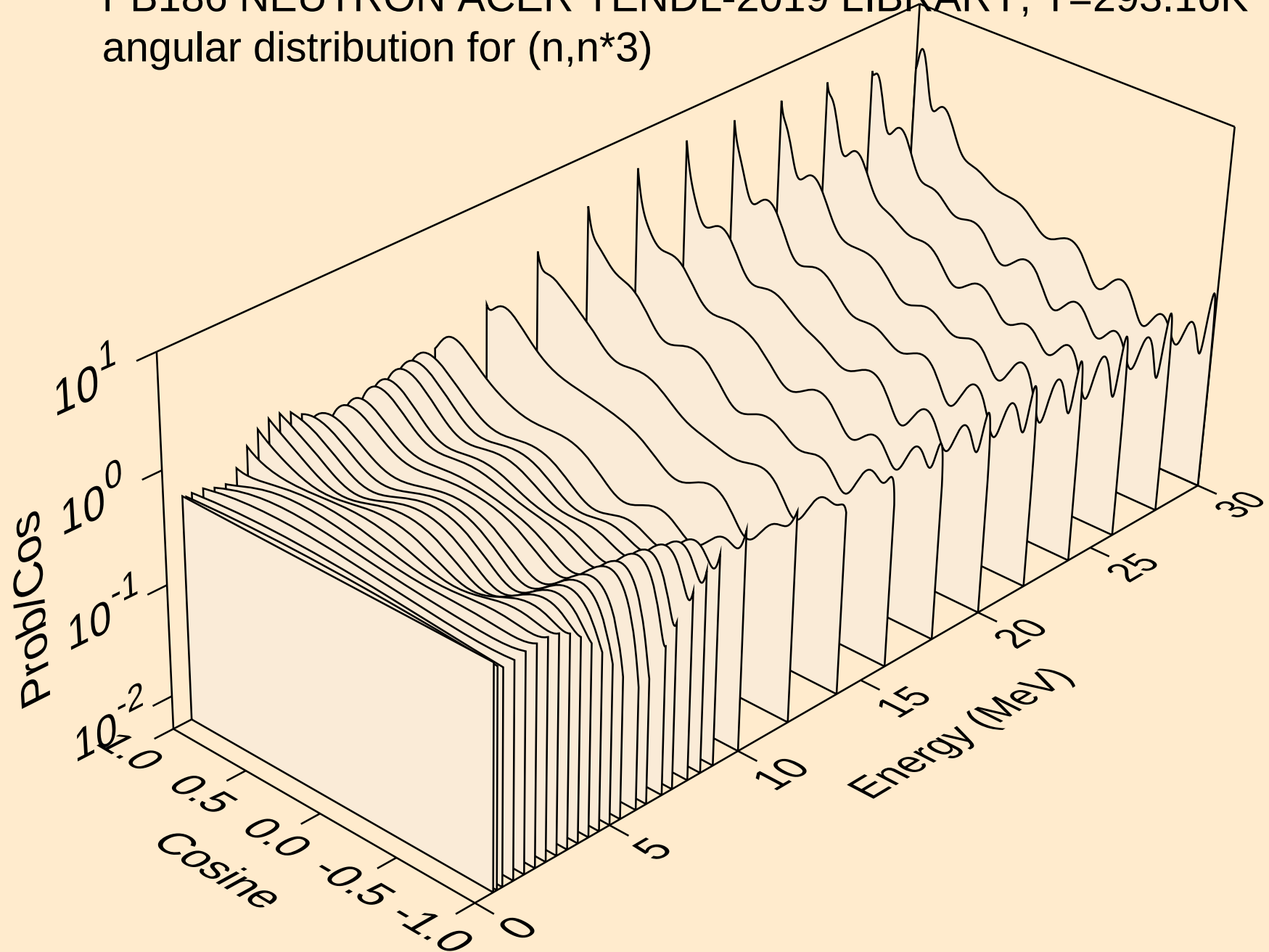
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



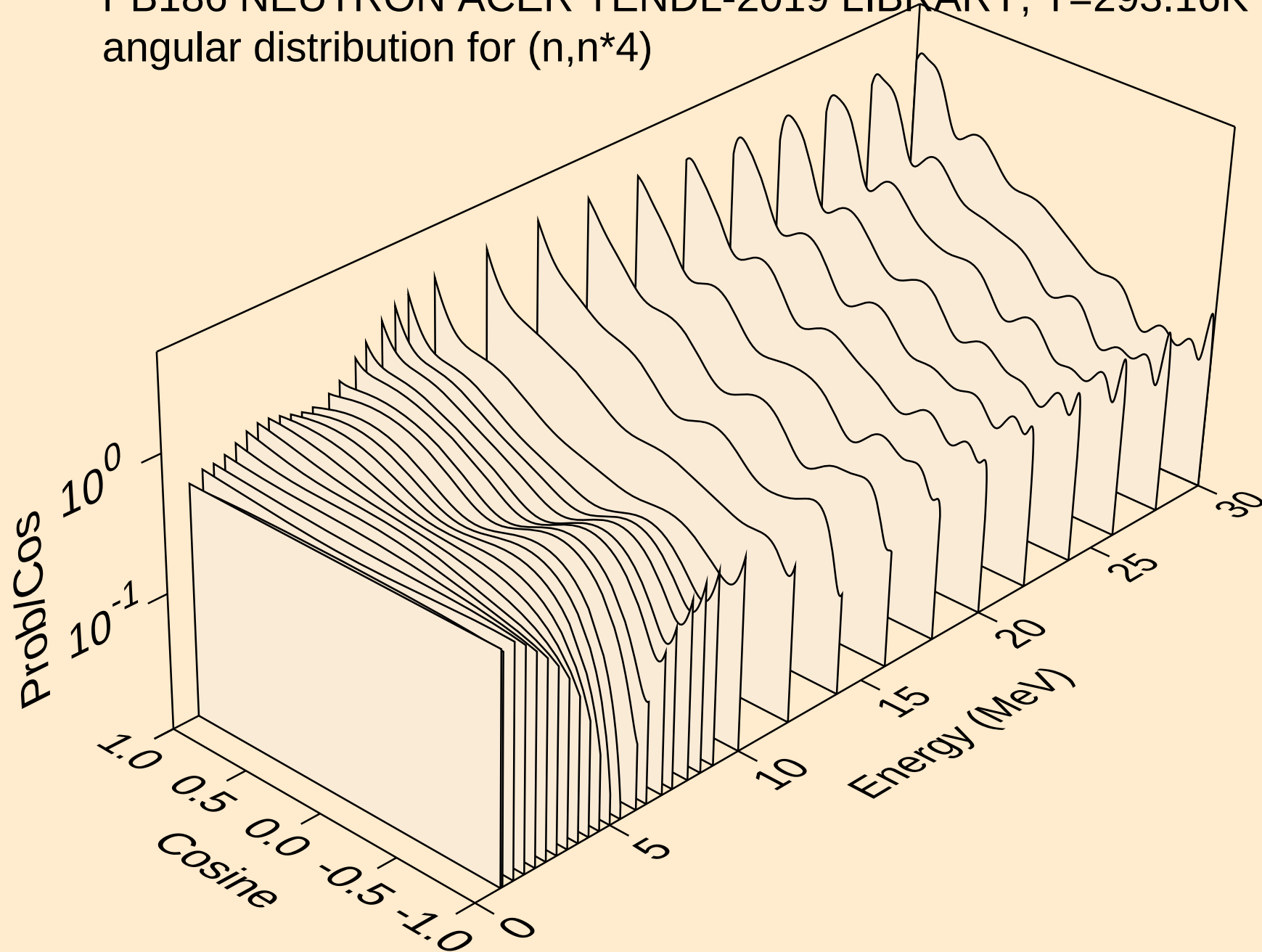
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)



PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)

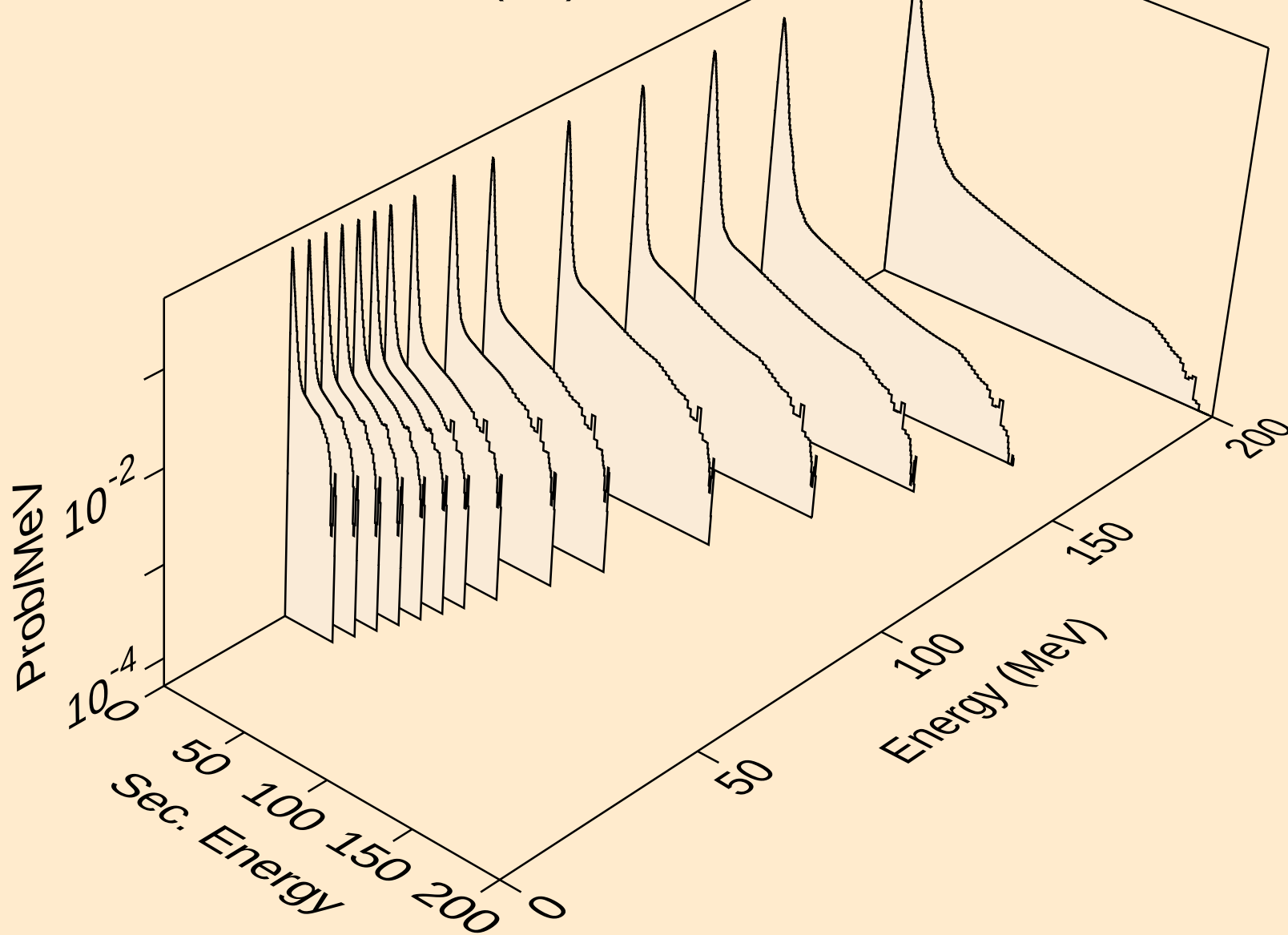


PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*4)

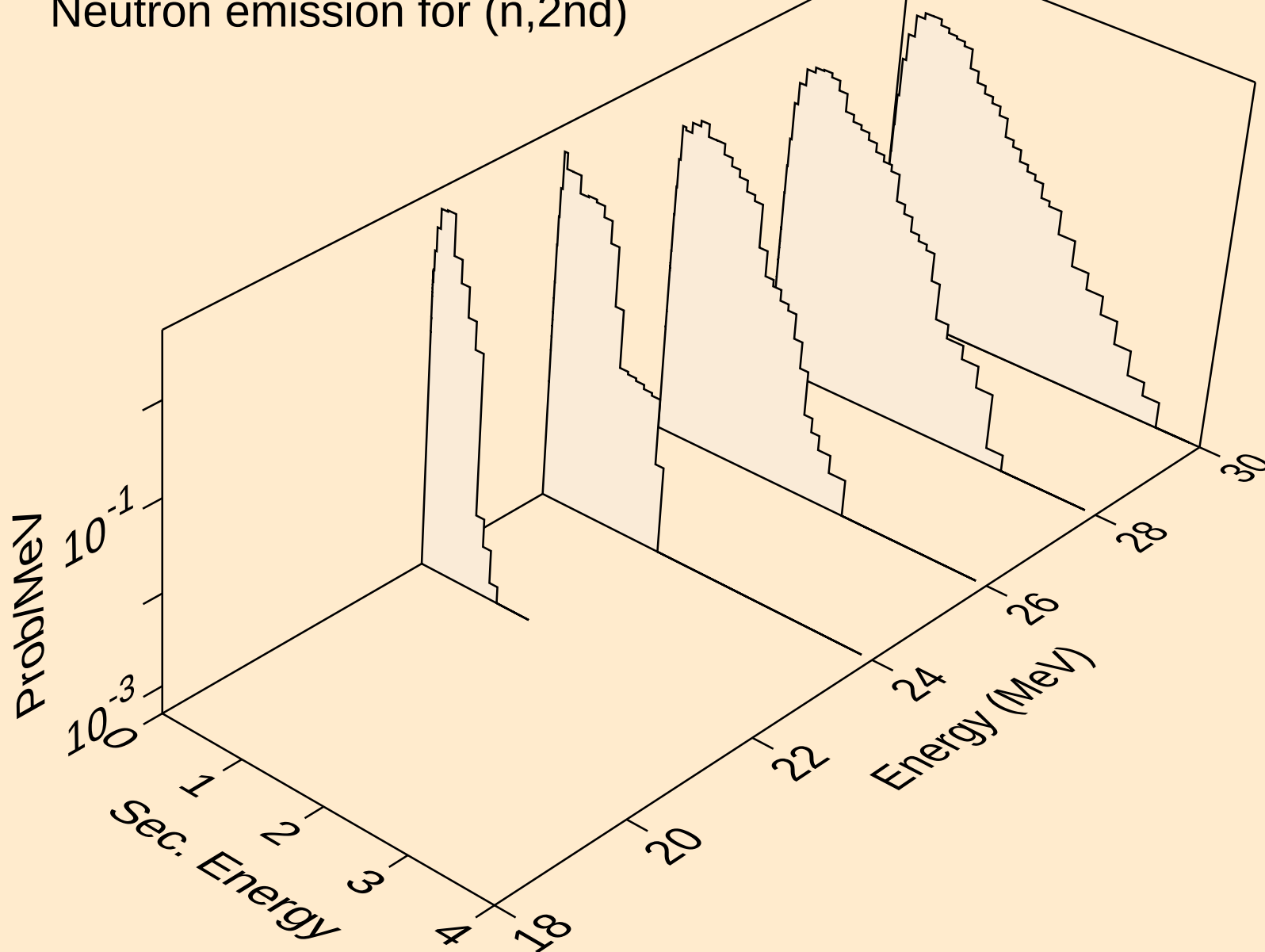




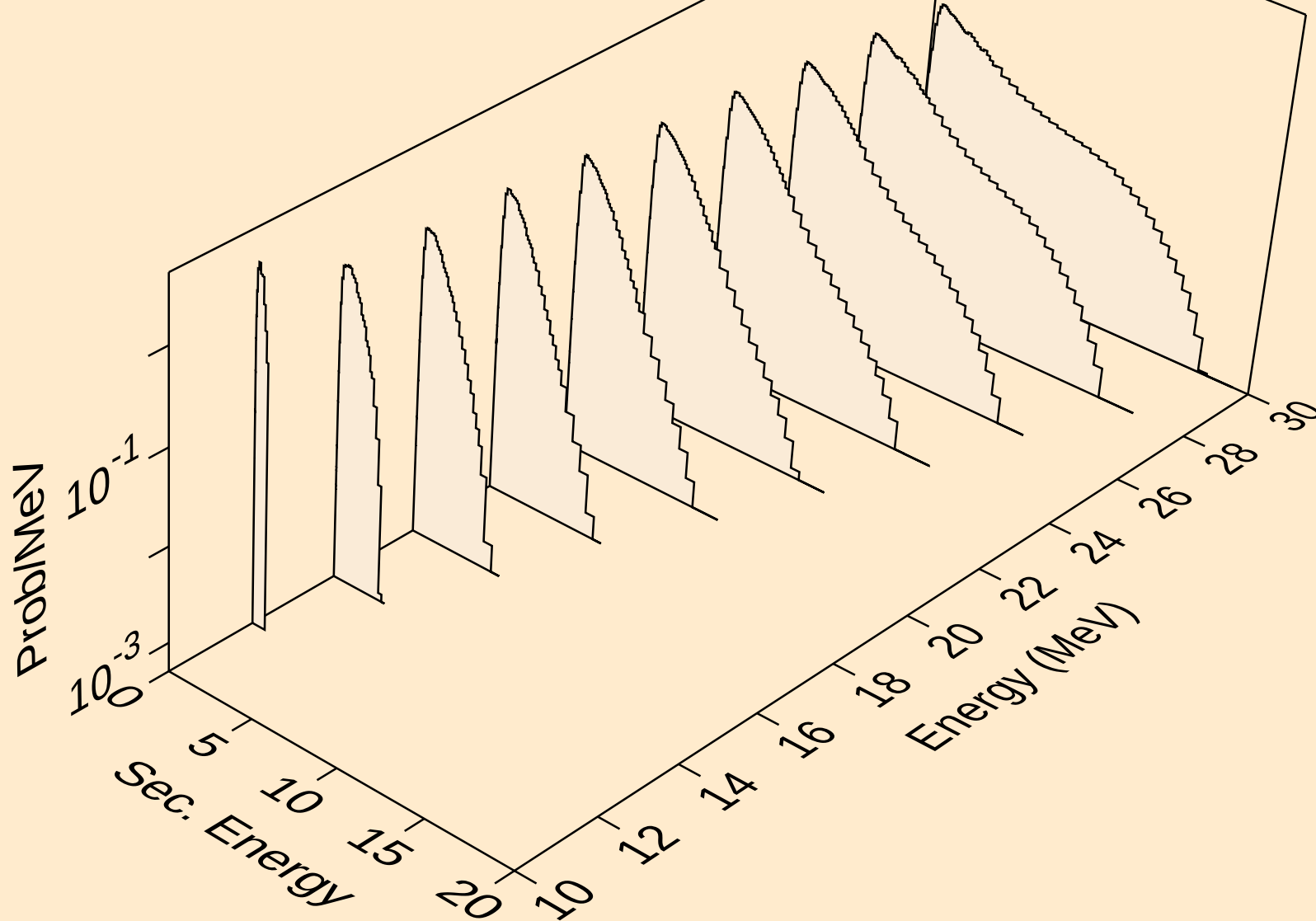
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



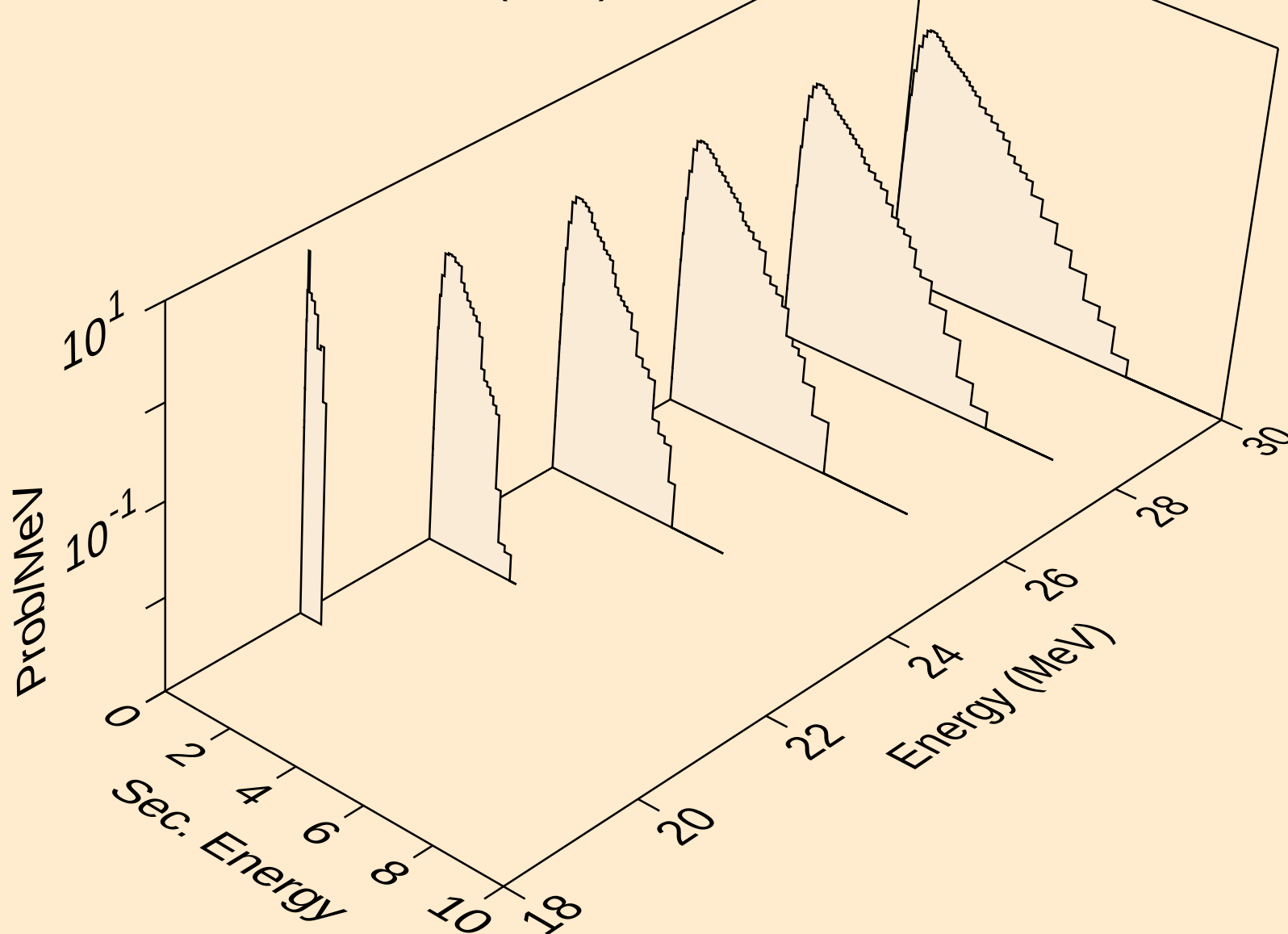
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



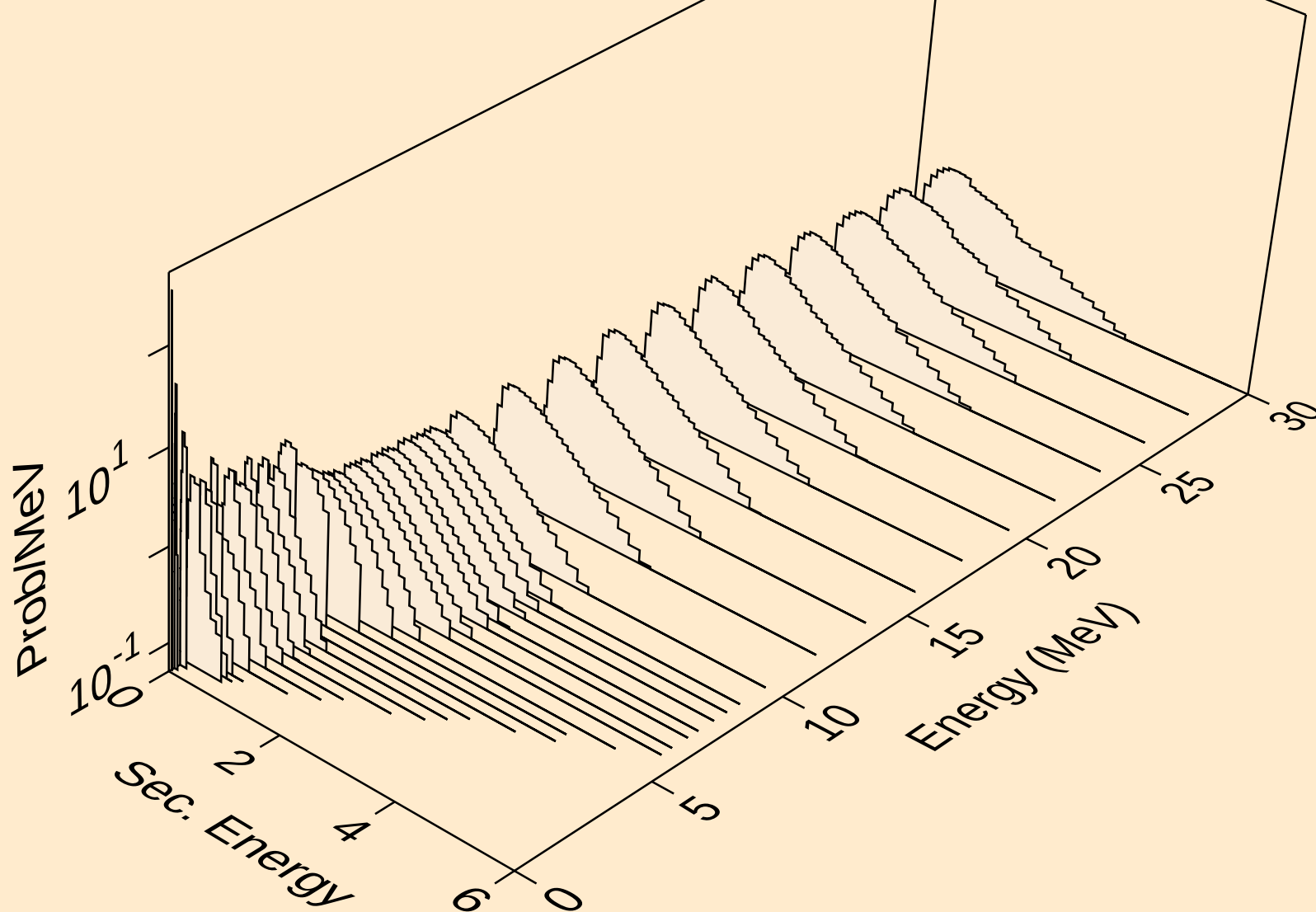
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Neutron emission for (n,2n)



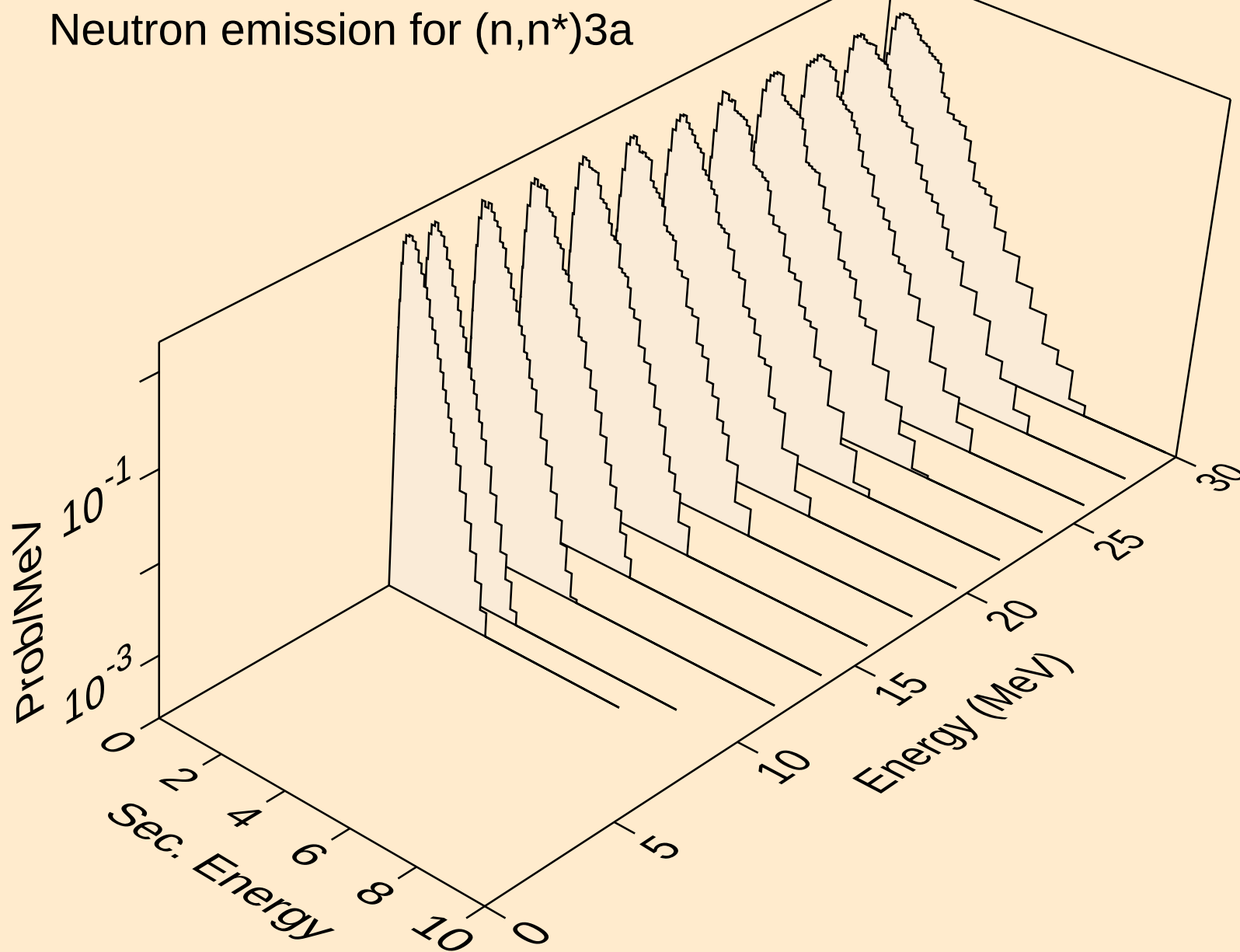
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Neutron emission for (n,3n)



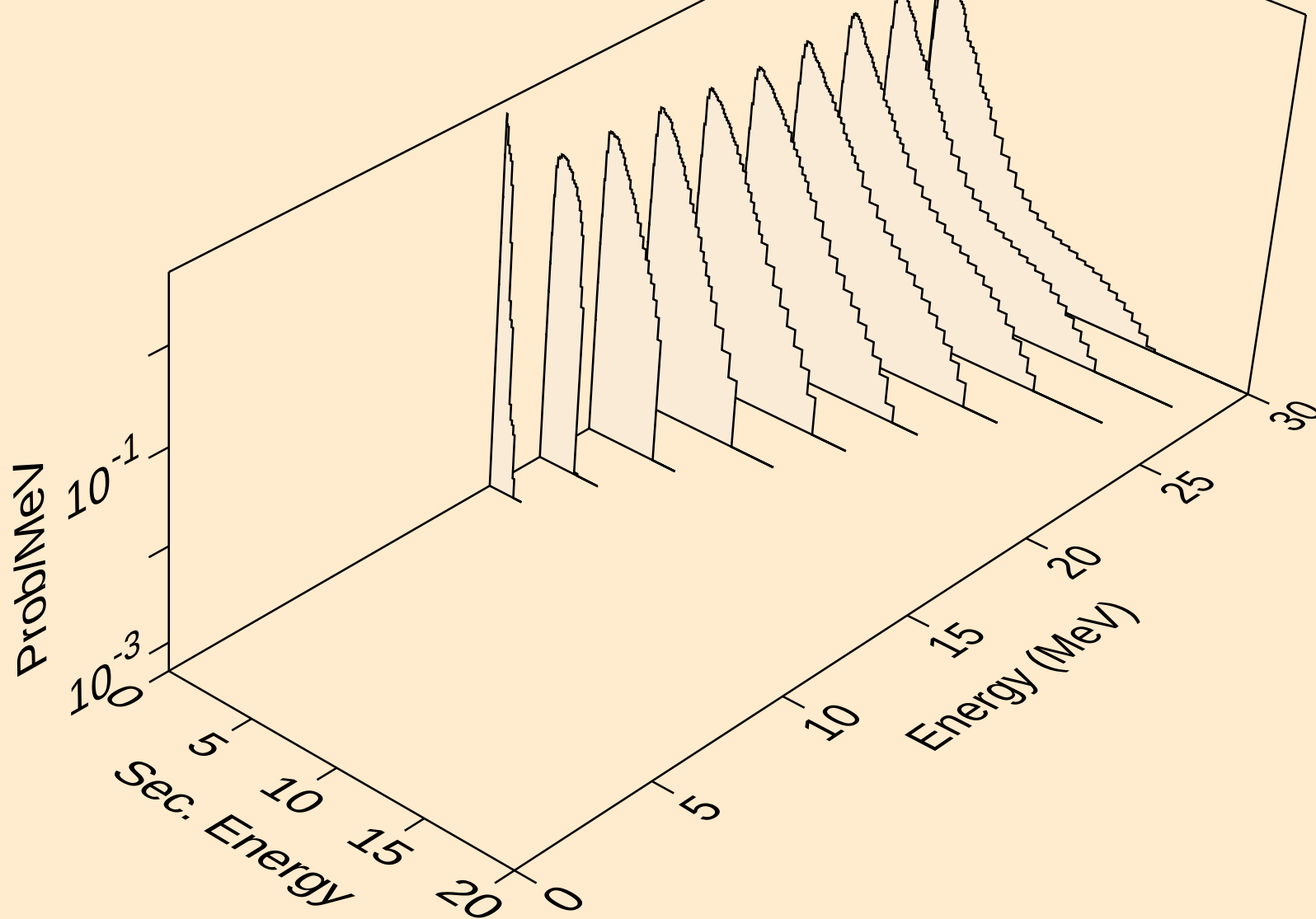
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



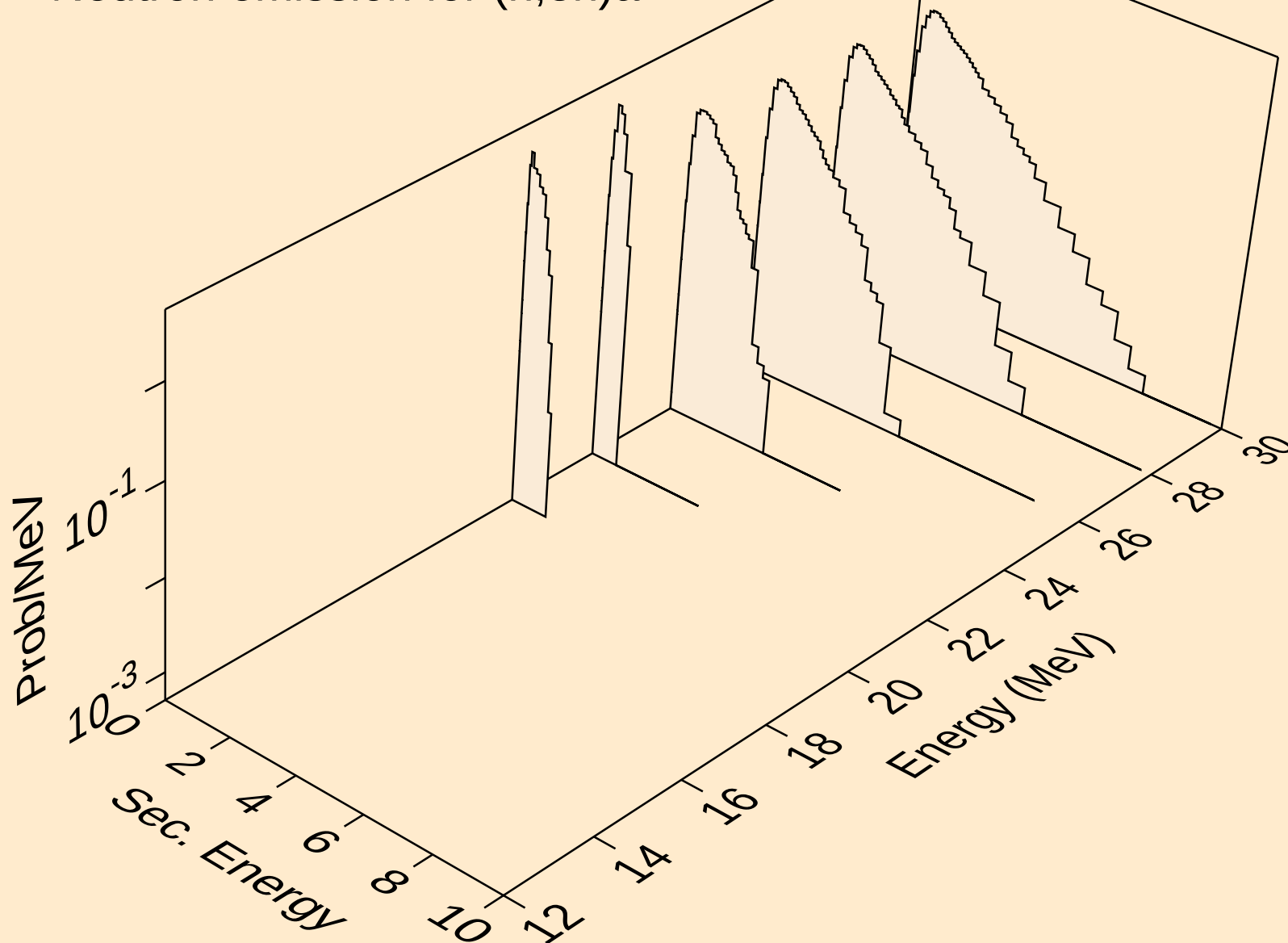
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)3a



PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)<sub>a</sub>

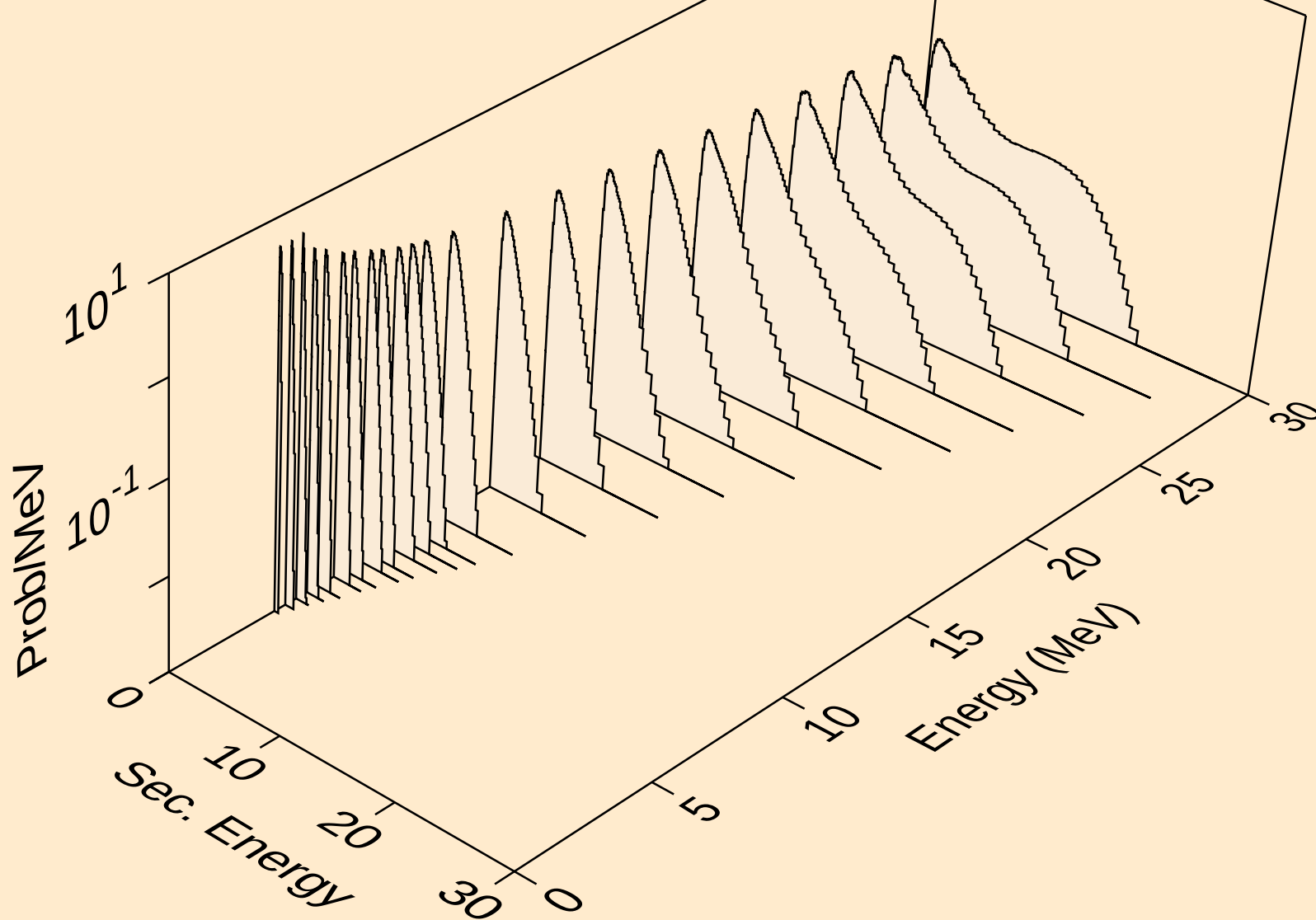


PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)<sub>a</sub>

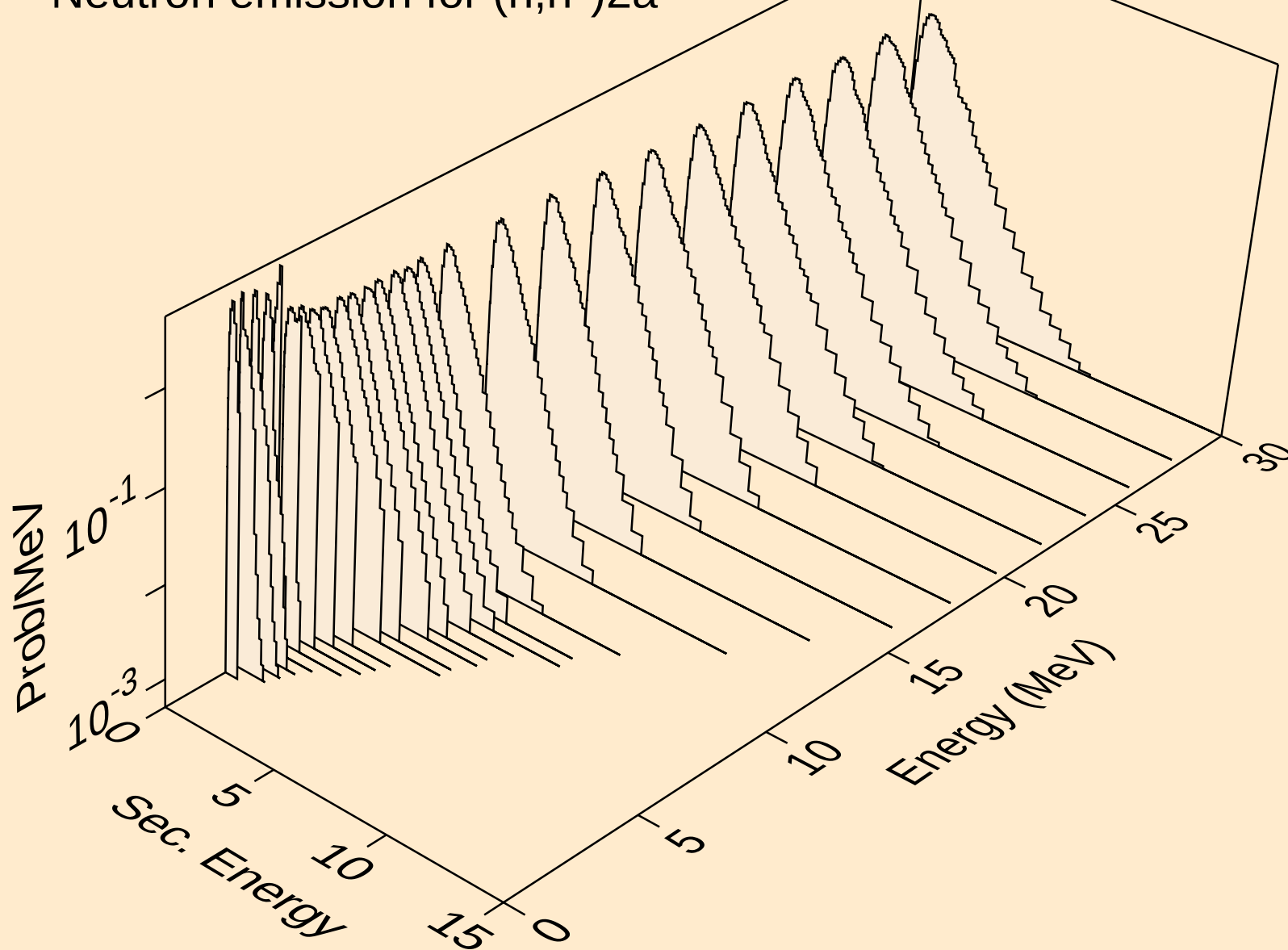




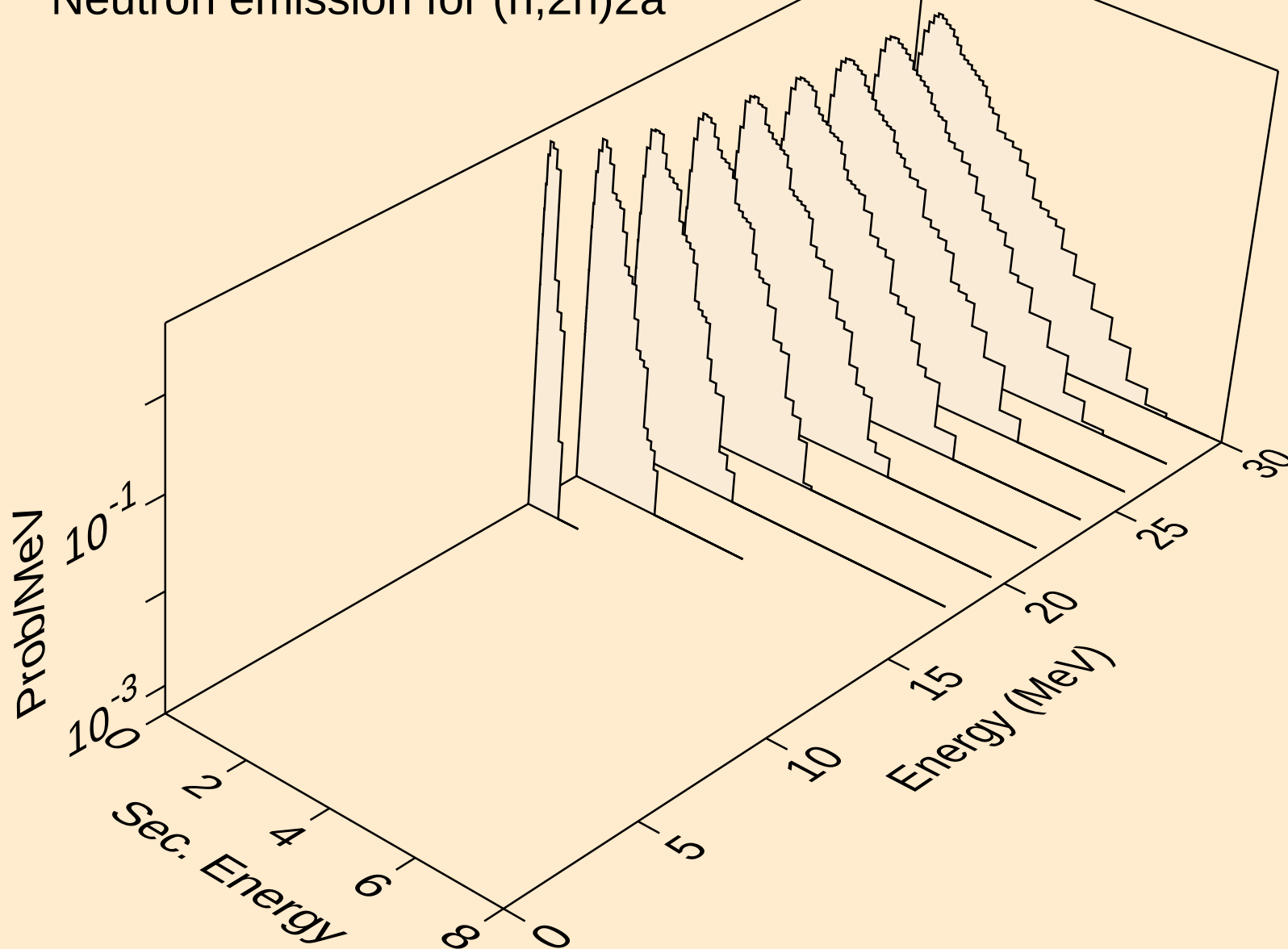
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



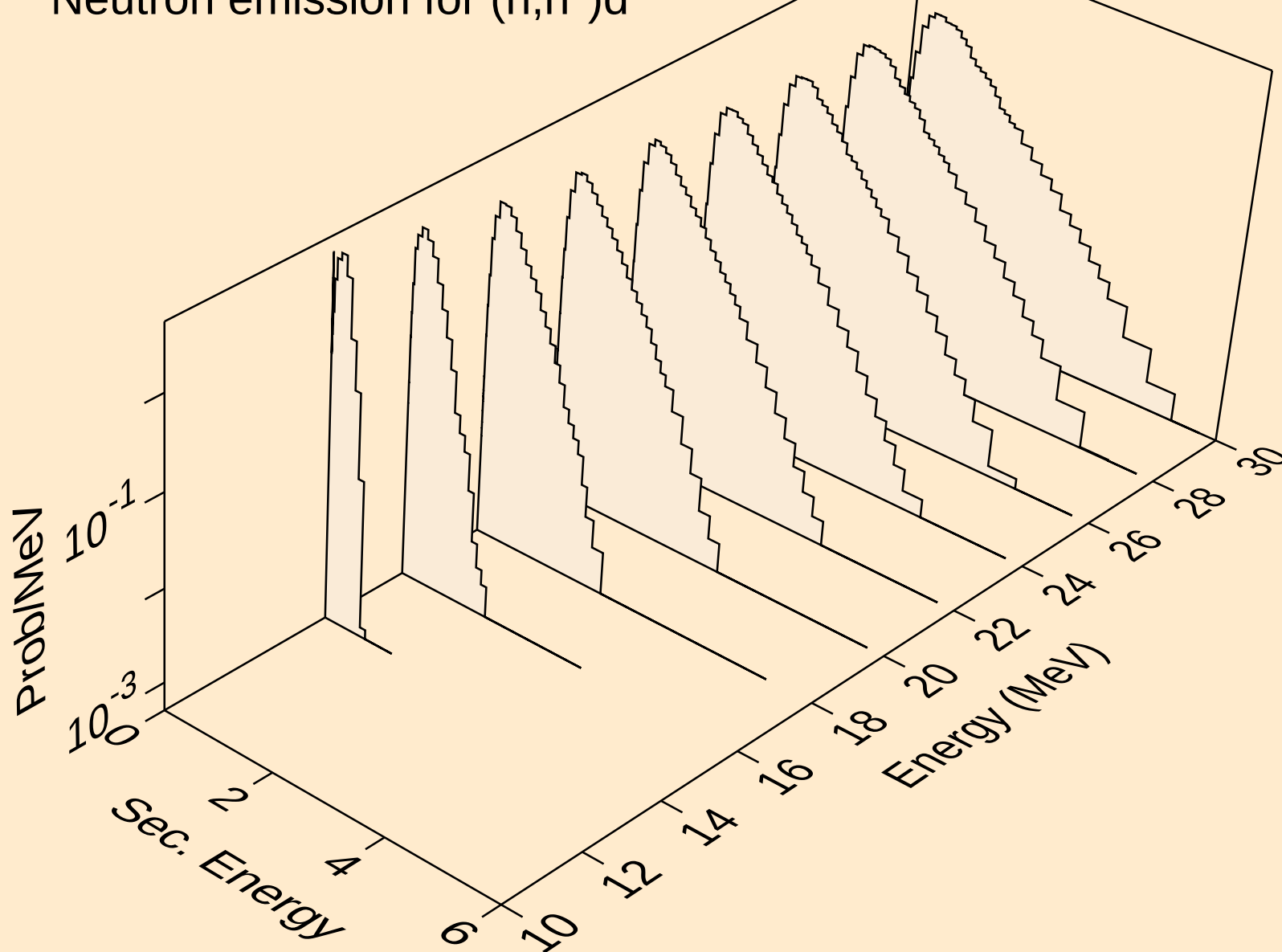
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)2a



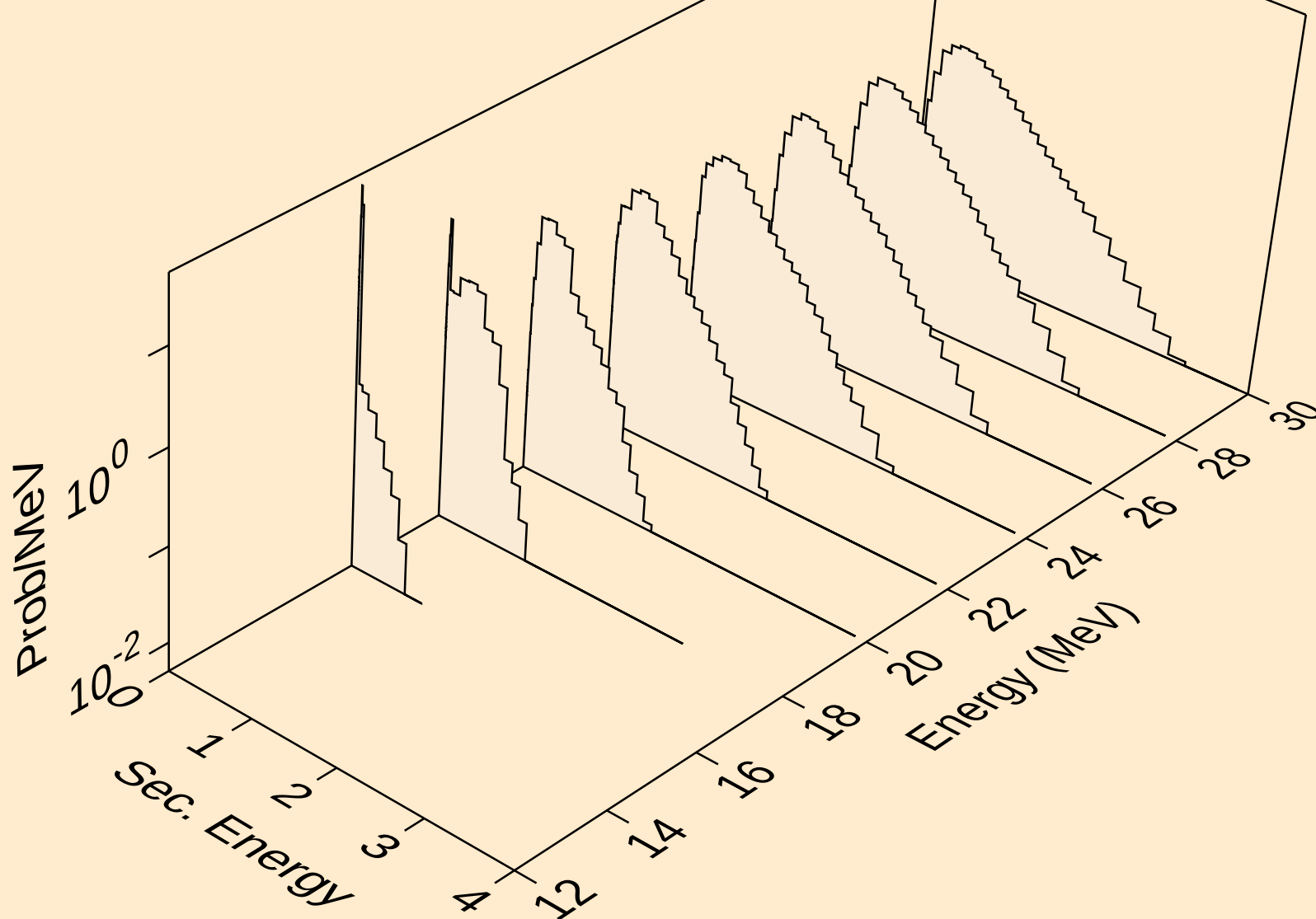
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)2a



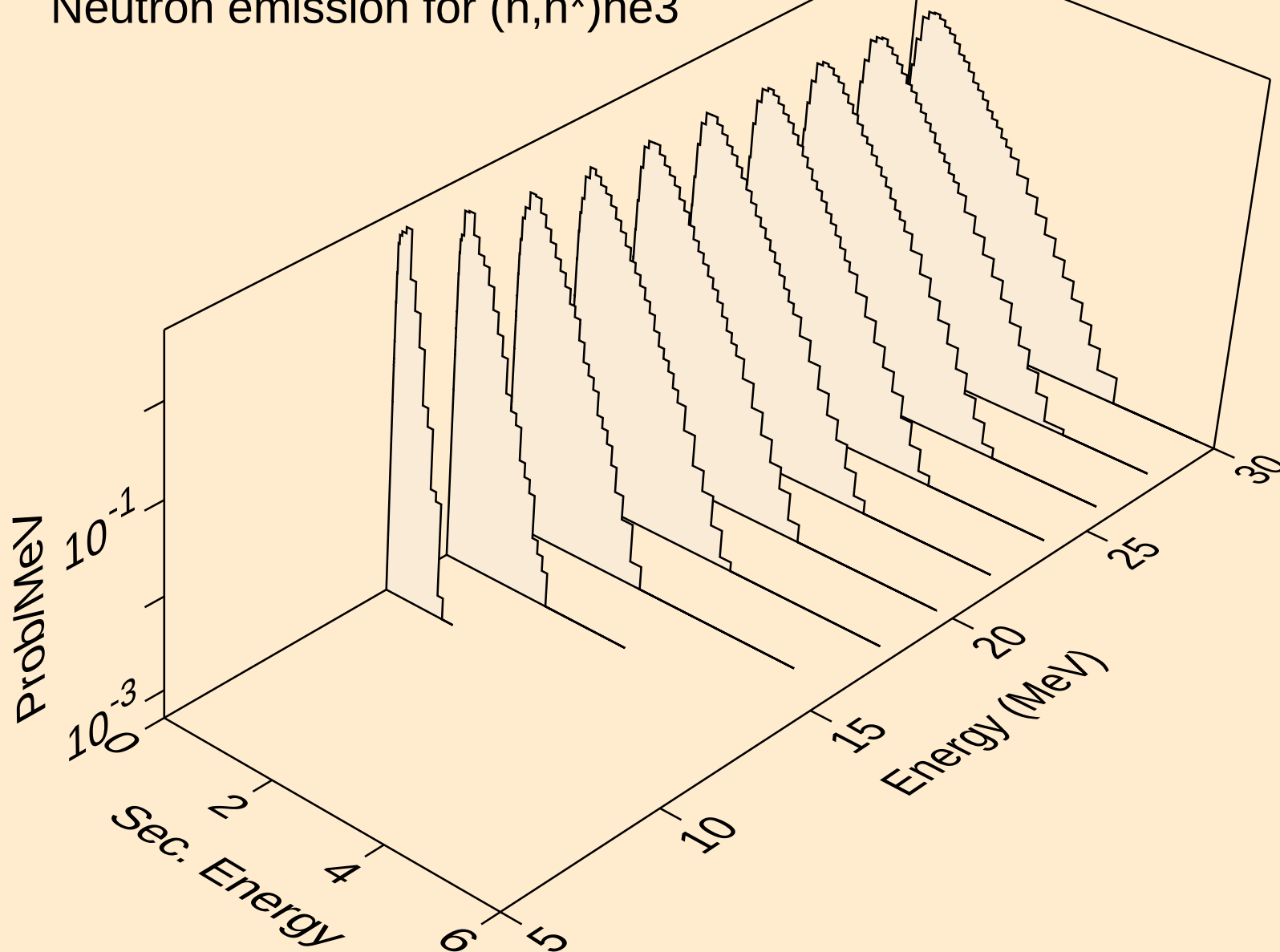
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



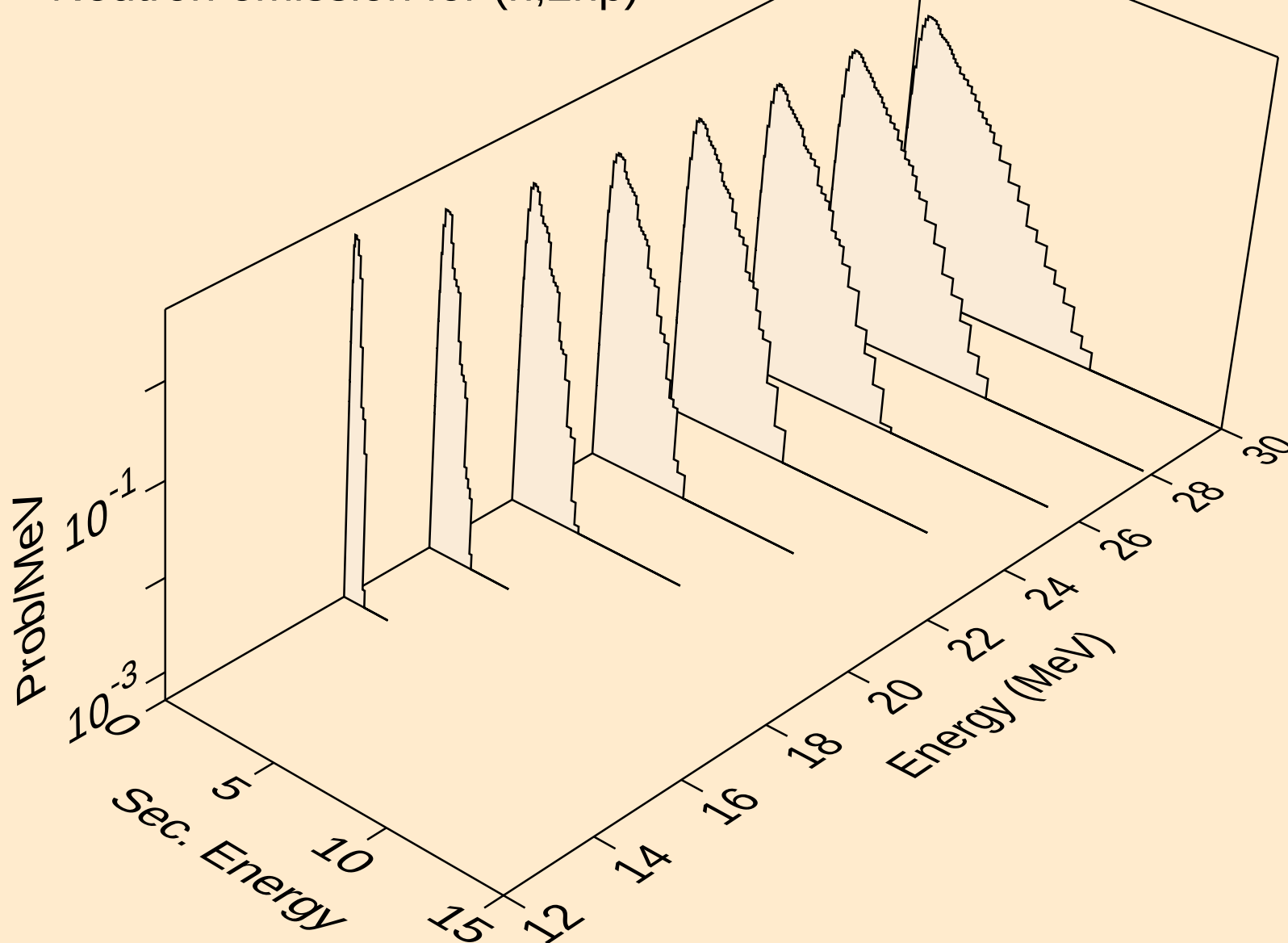
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Neutron emission for (n,n\*)t



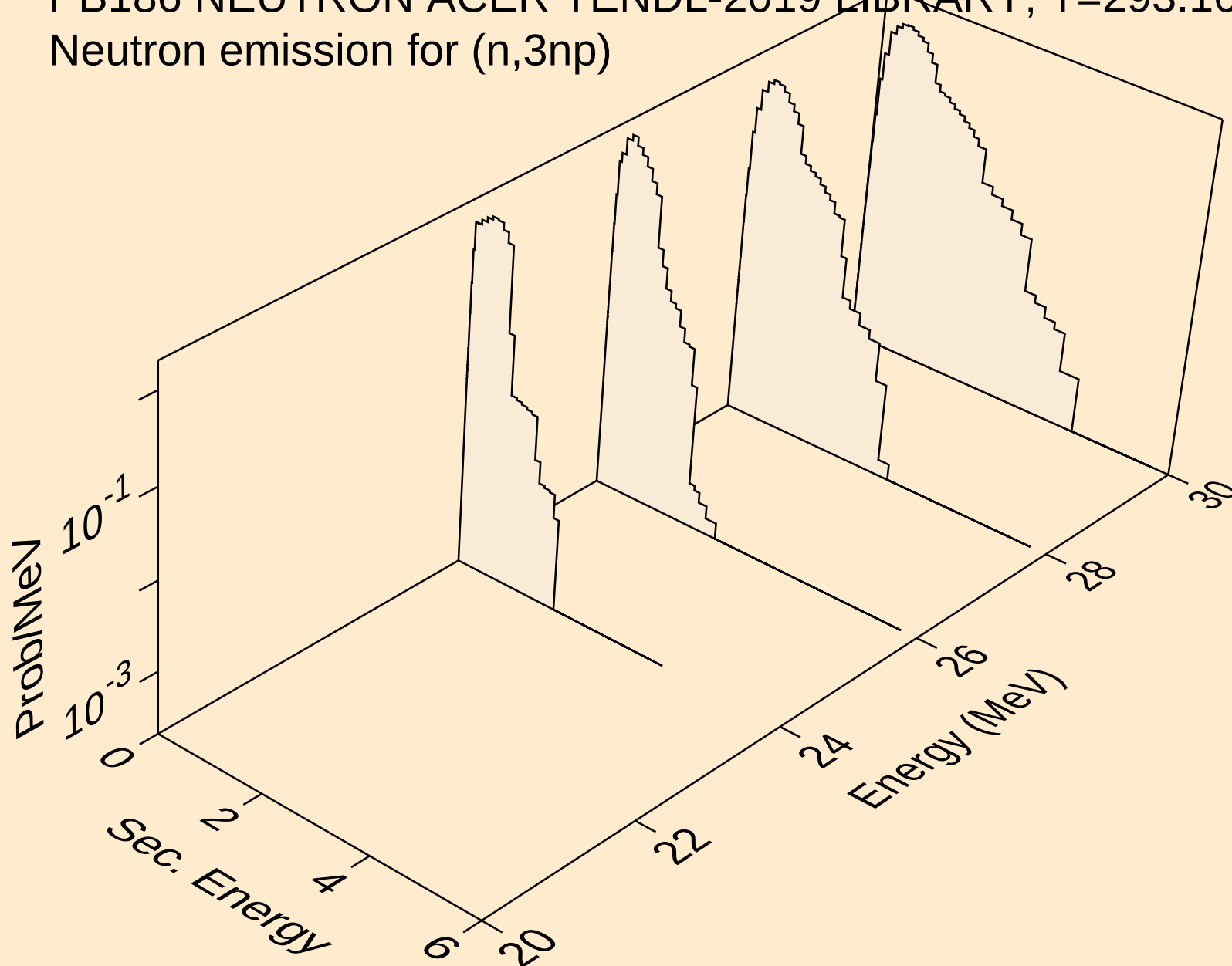
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)

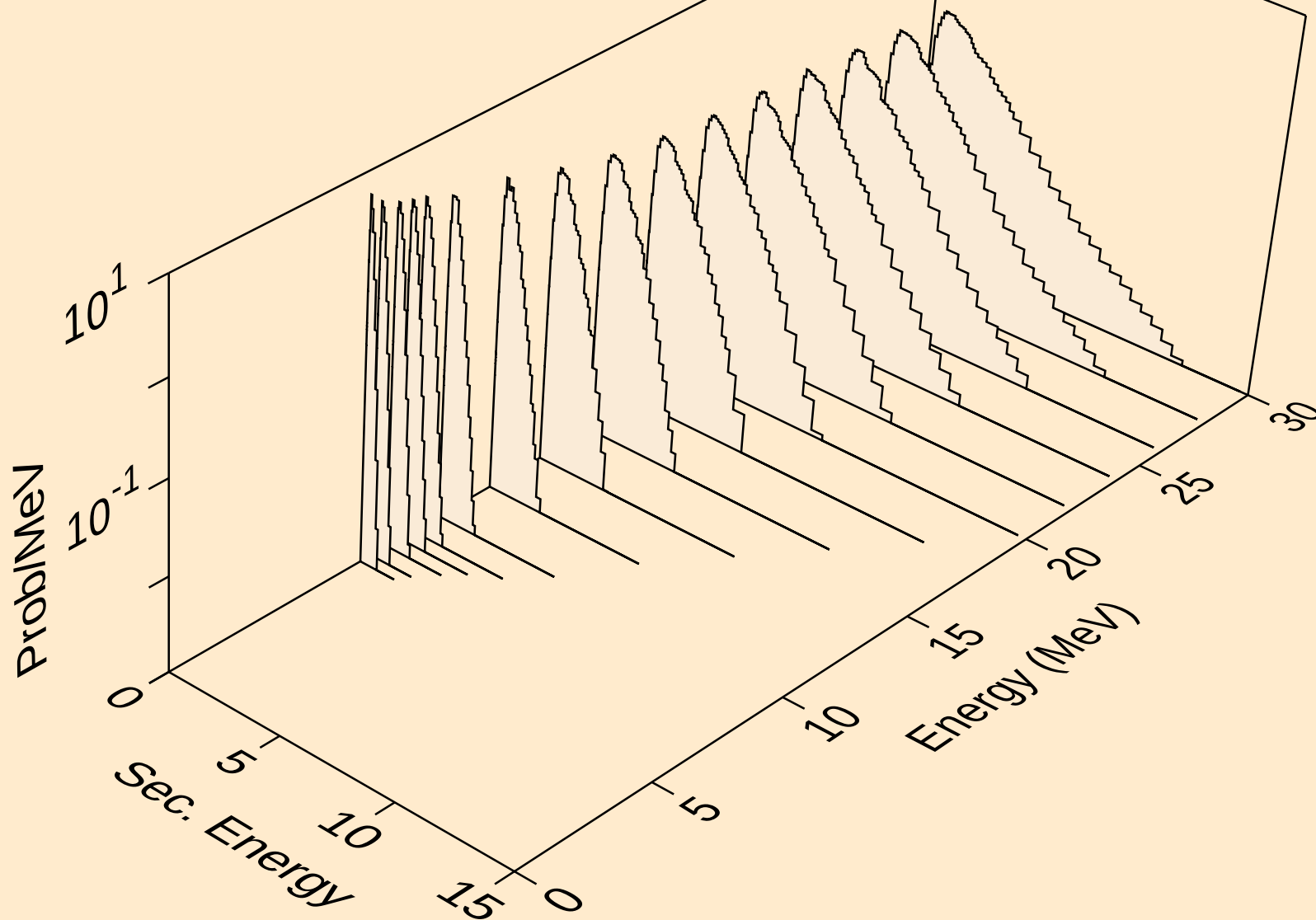


PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)

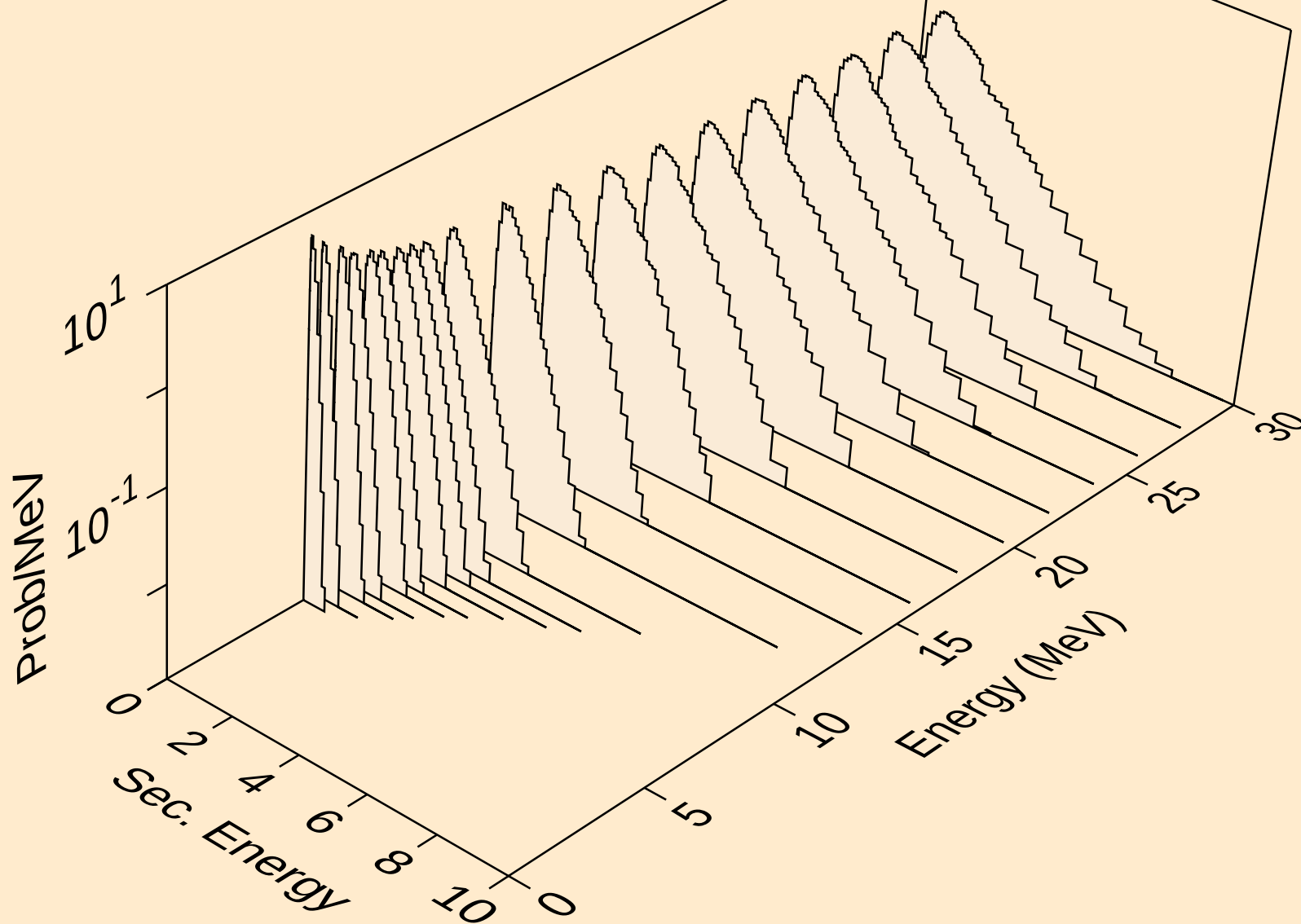




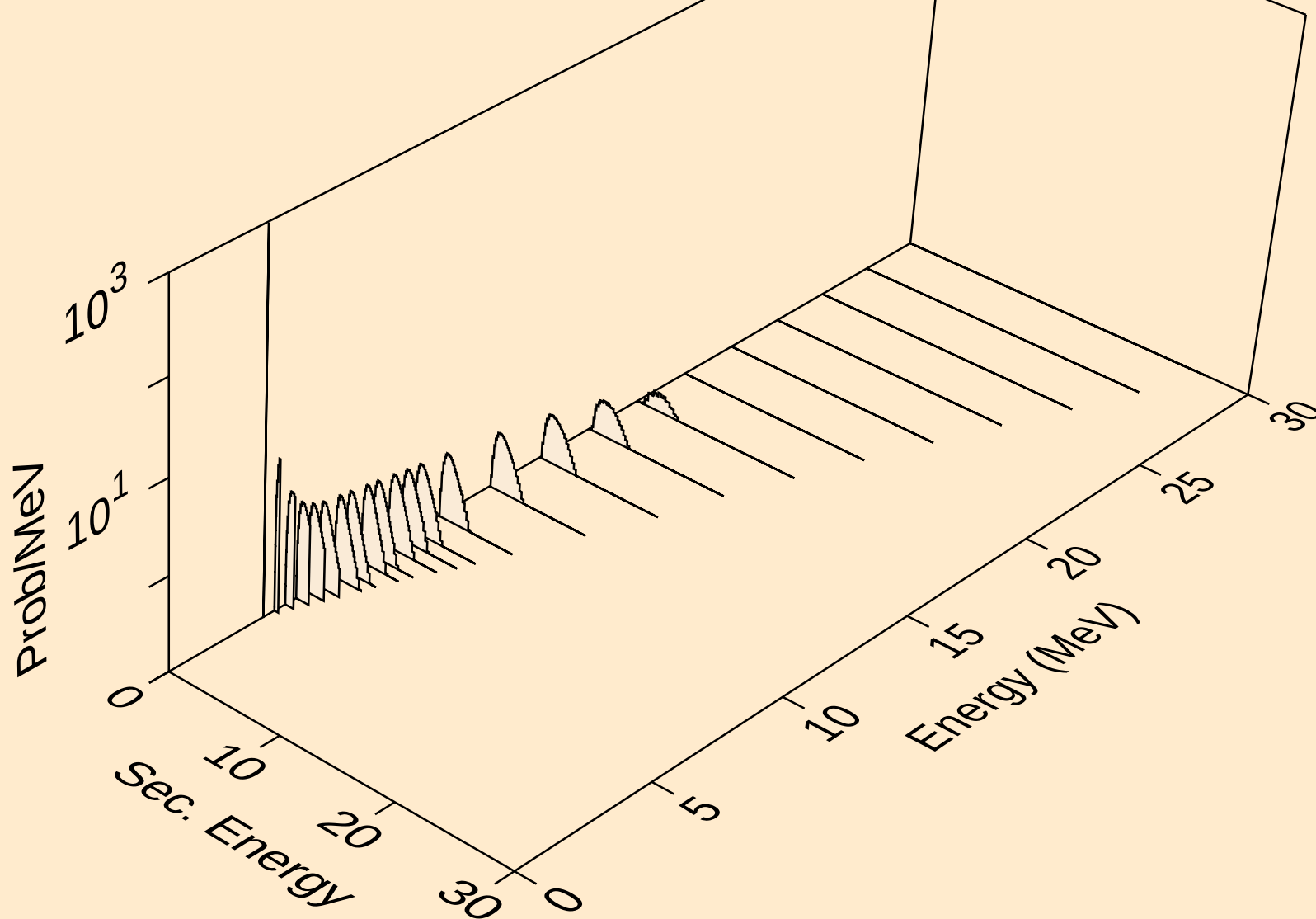
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Neutron emission for (n,2np)



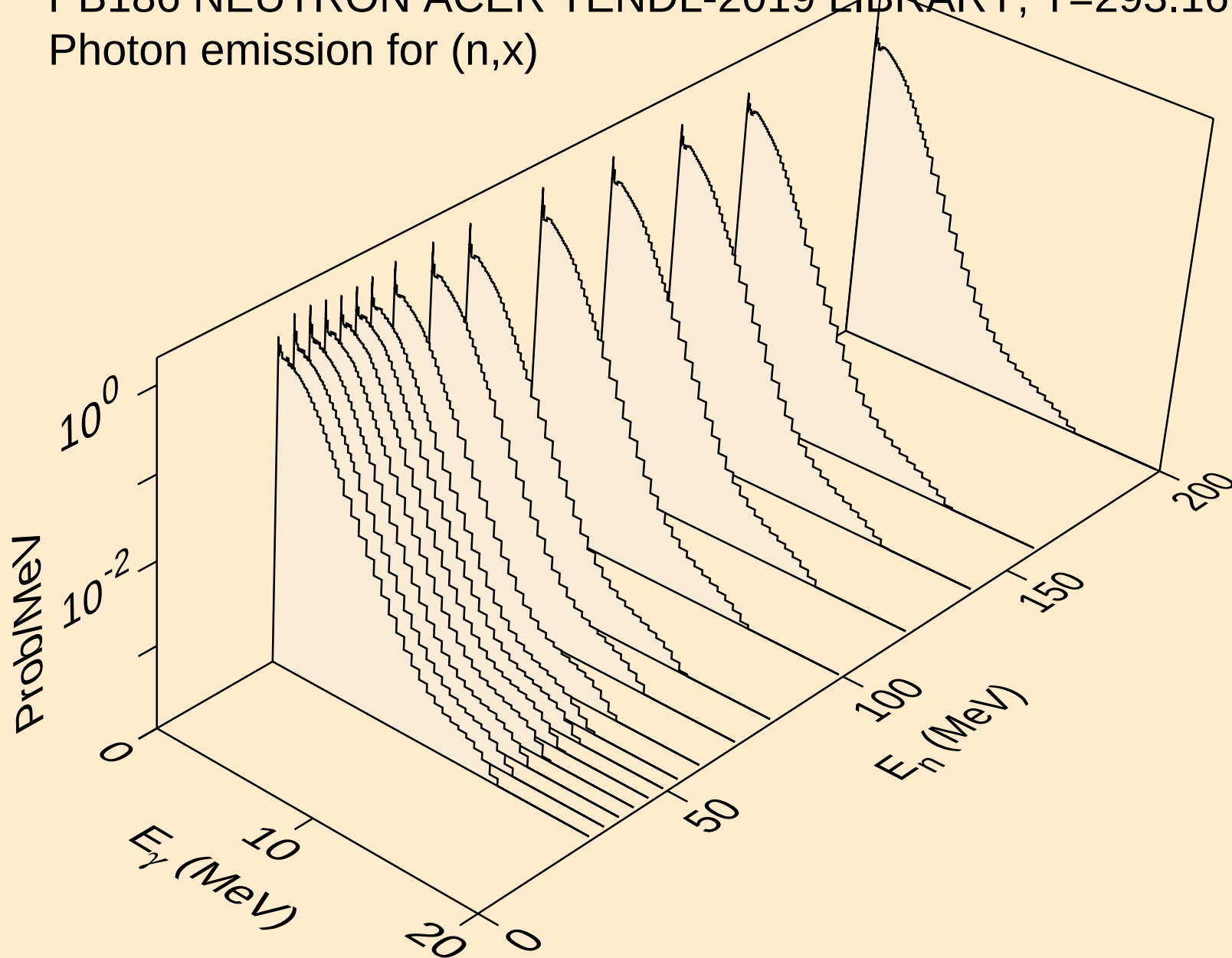
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Neutron emission for (n,npa)



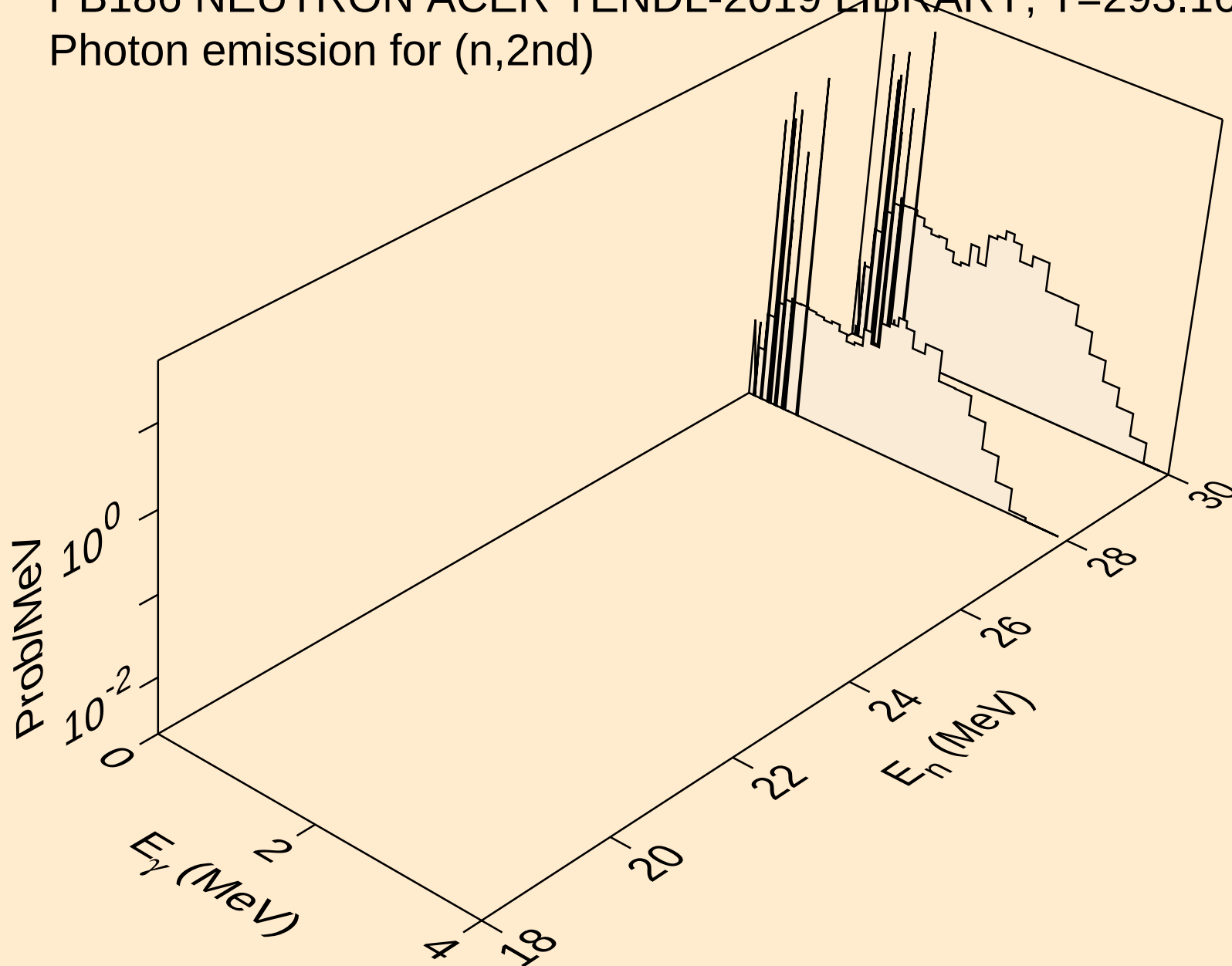
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



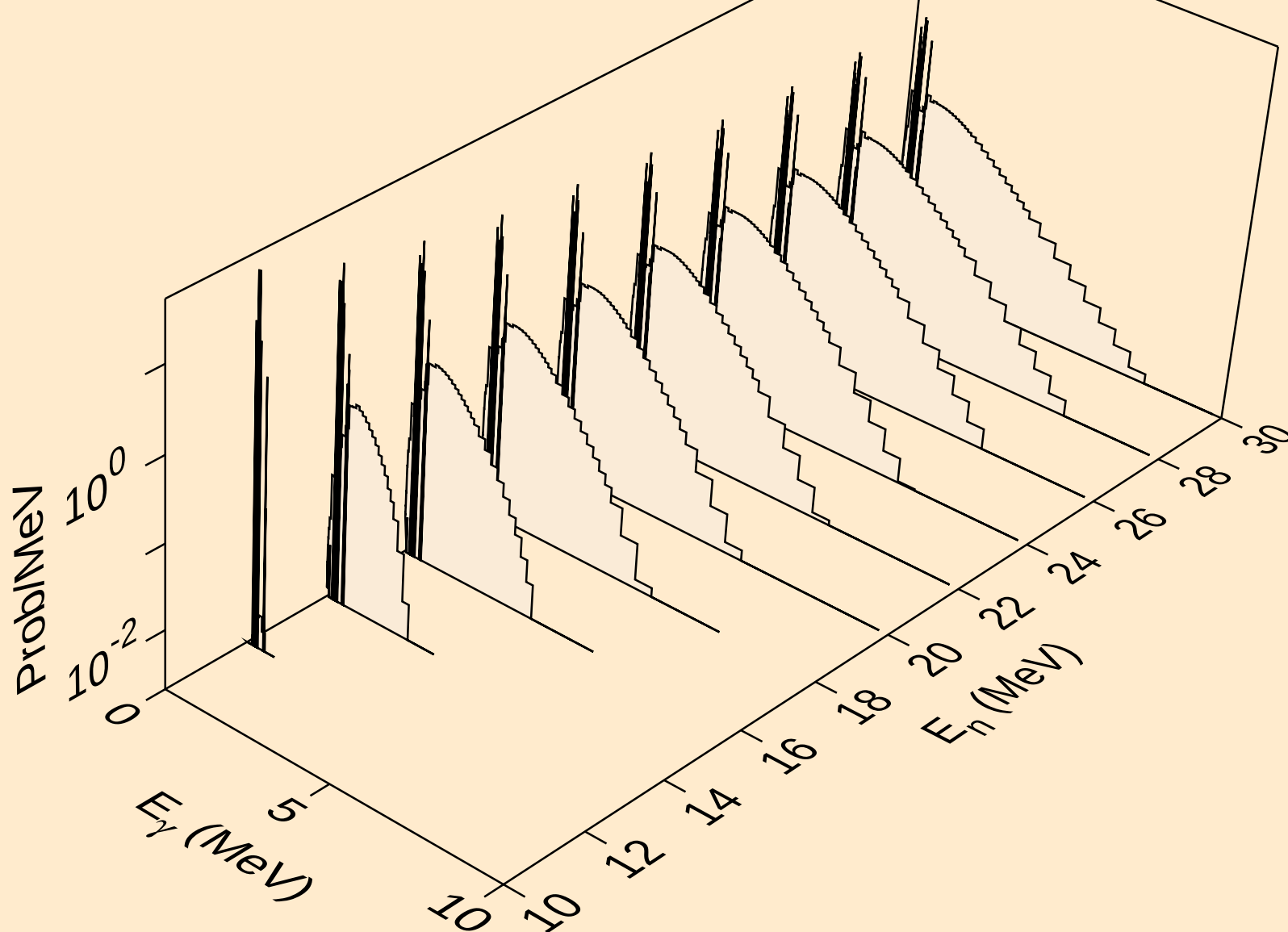
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Photon emission for (n,x)



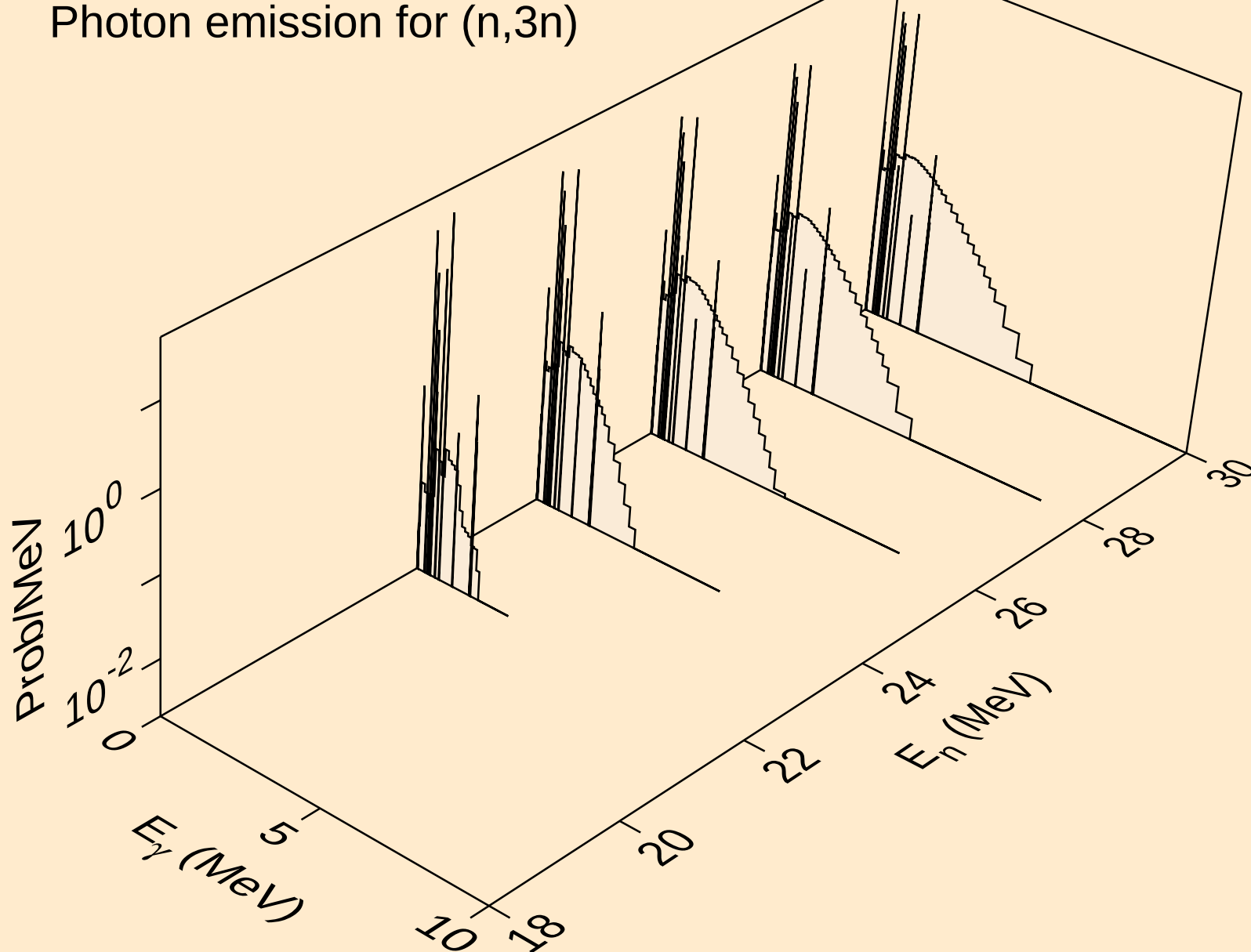
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Photon emission for (n,2nd)



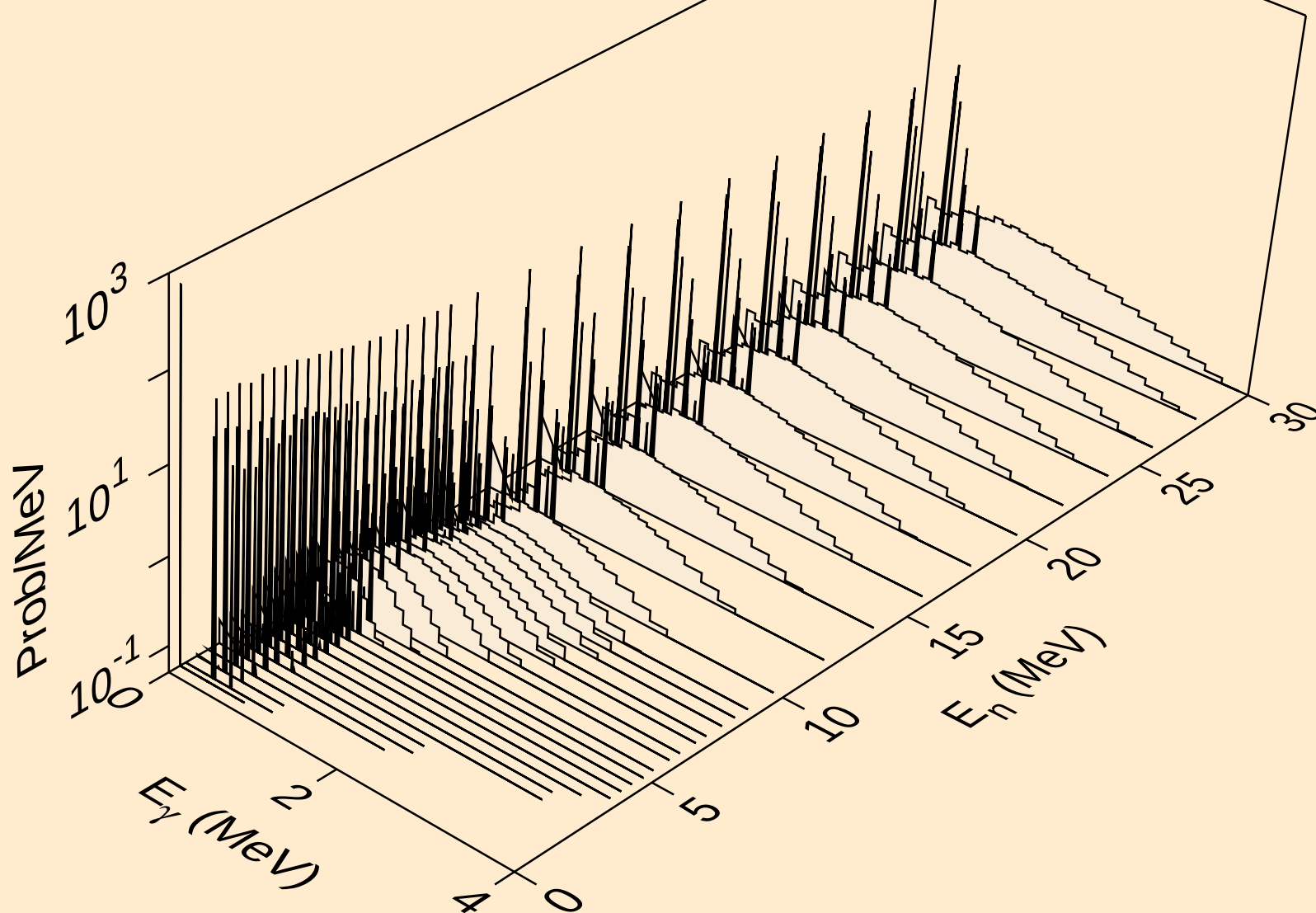
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)

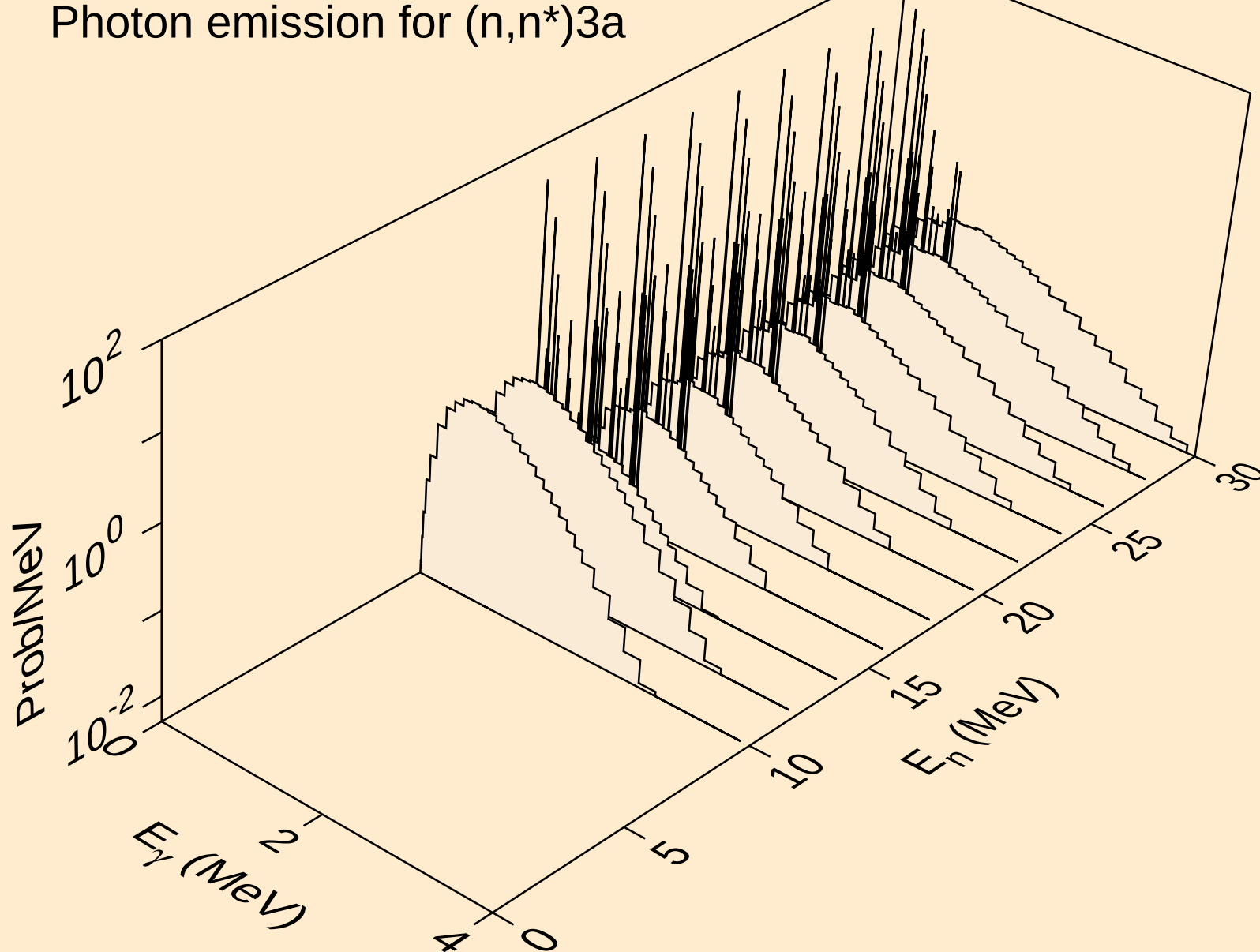


PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a

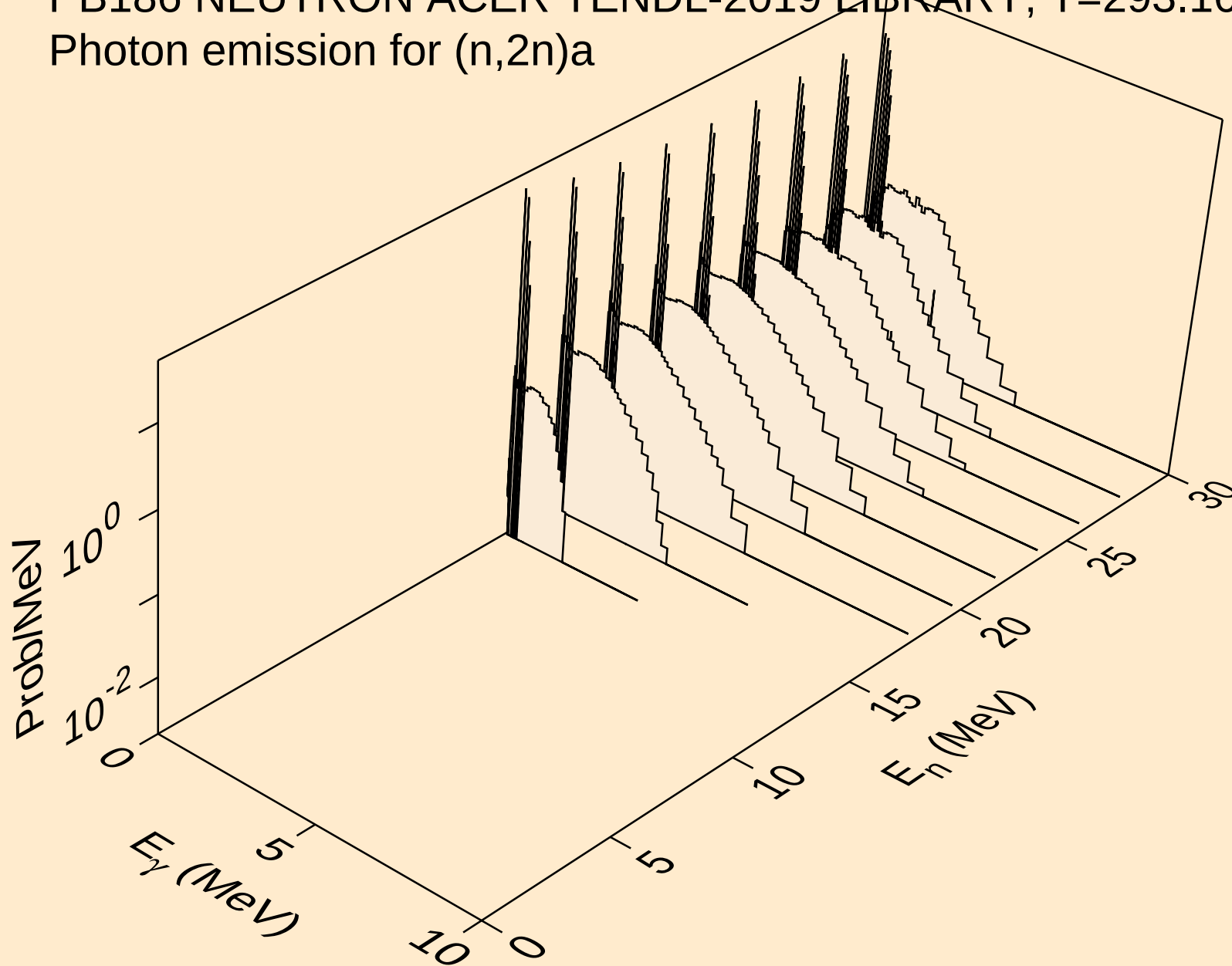




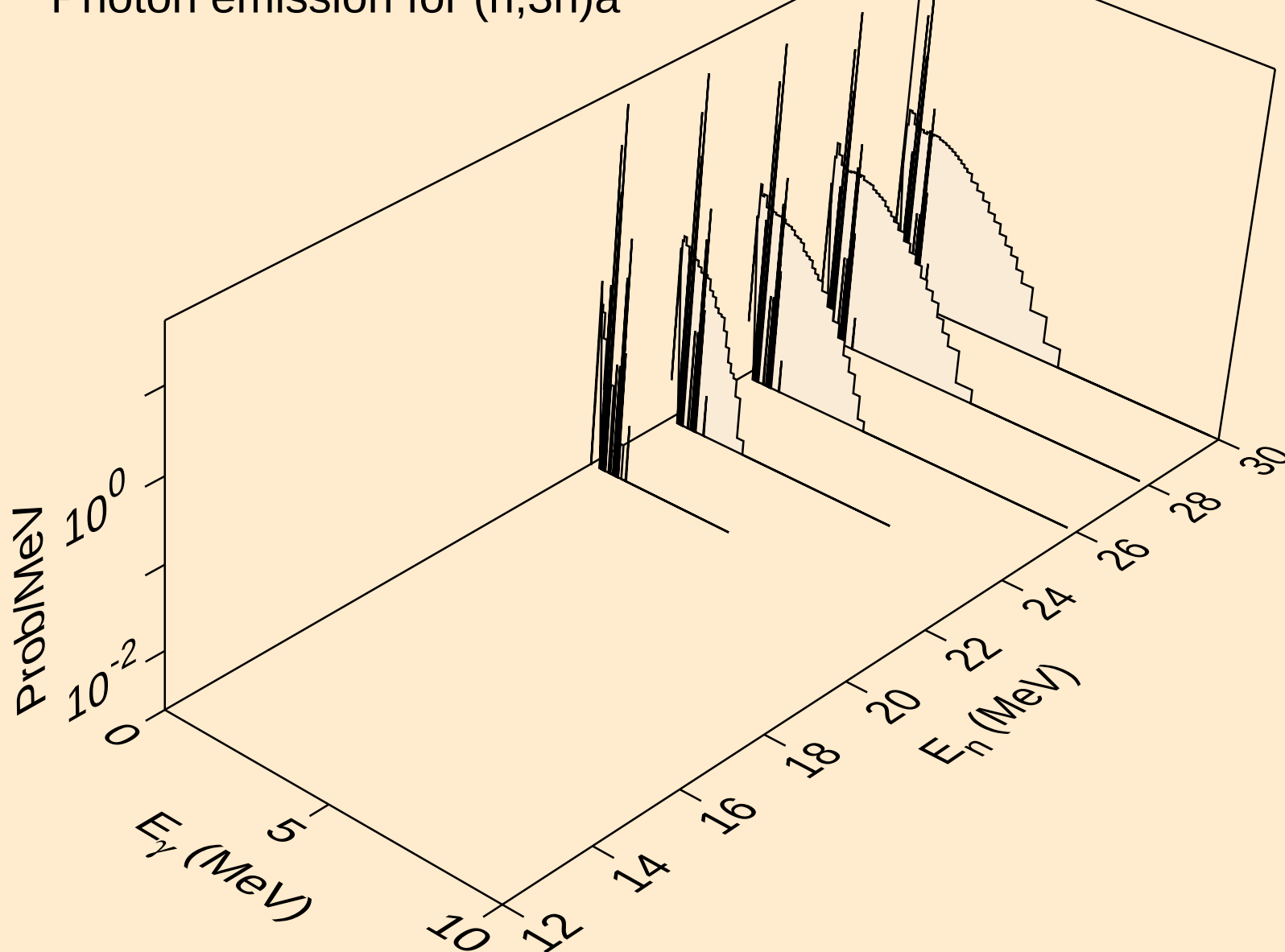
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)<sup>3</sup>a



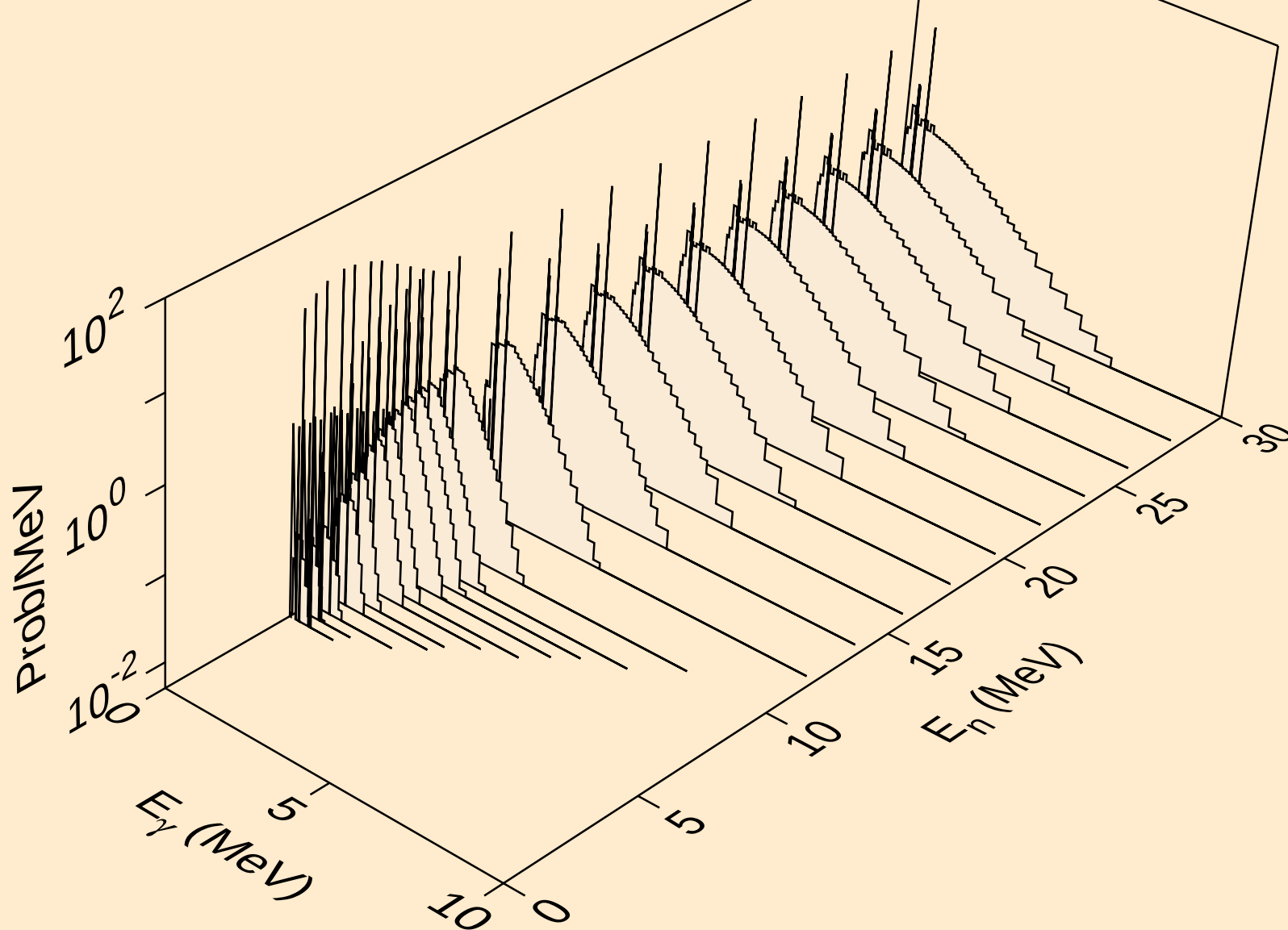
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n) $\alpha$



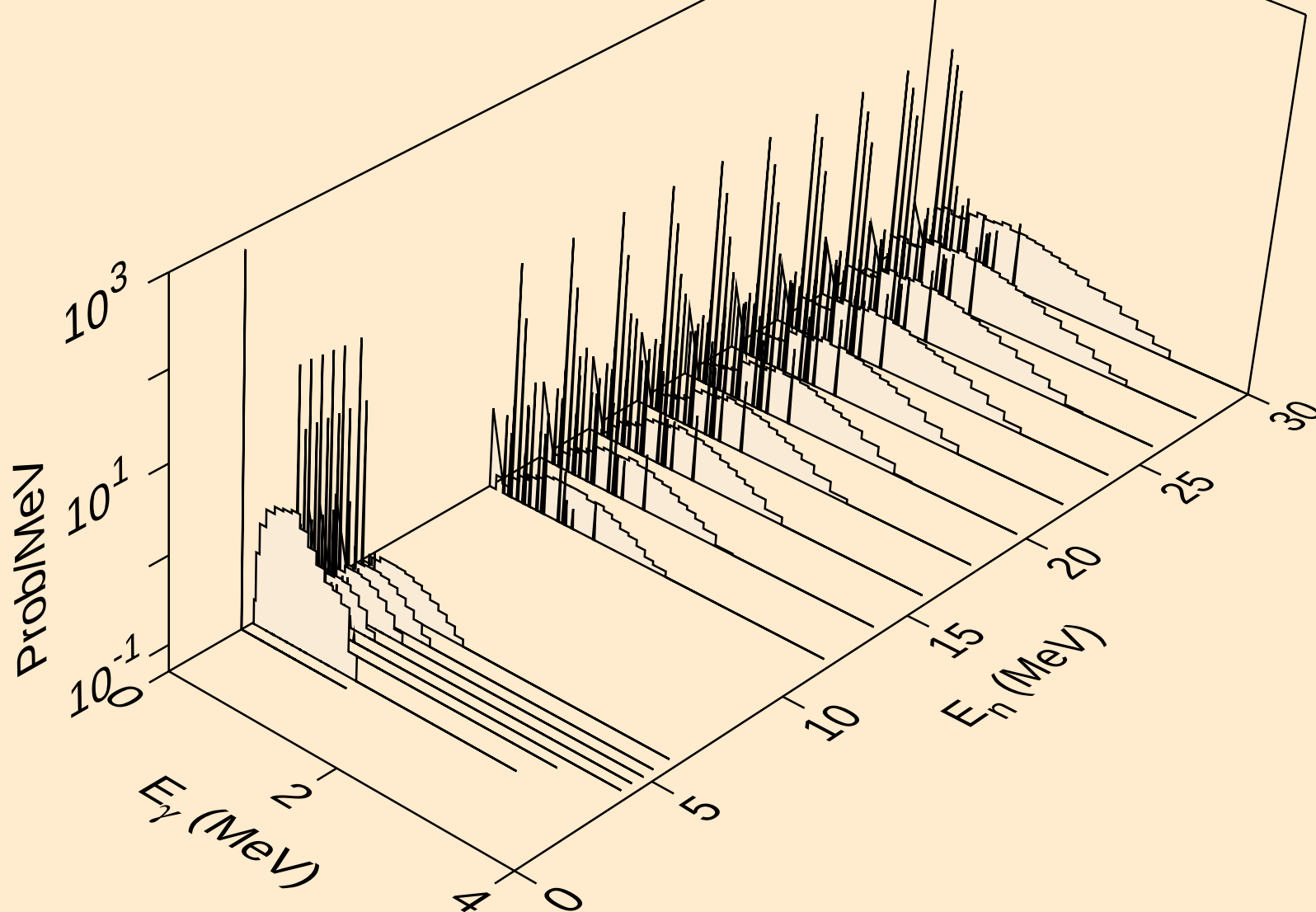
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n) $\alpha$



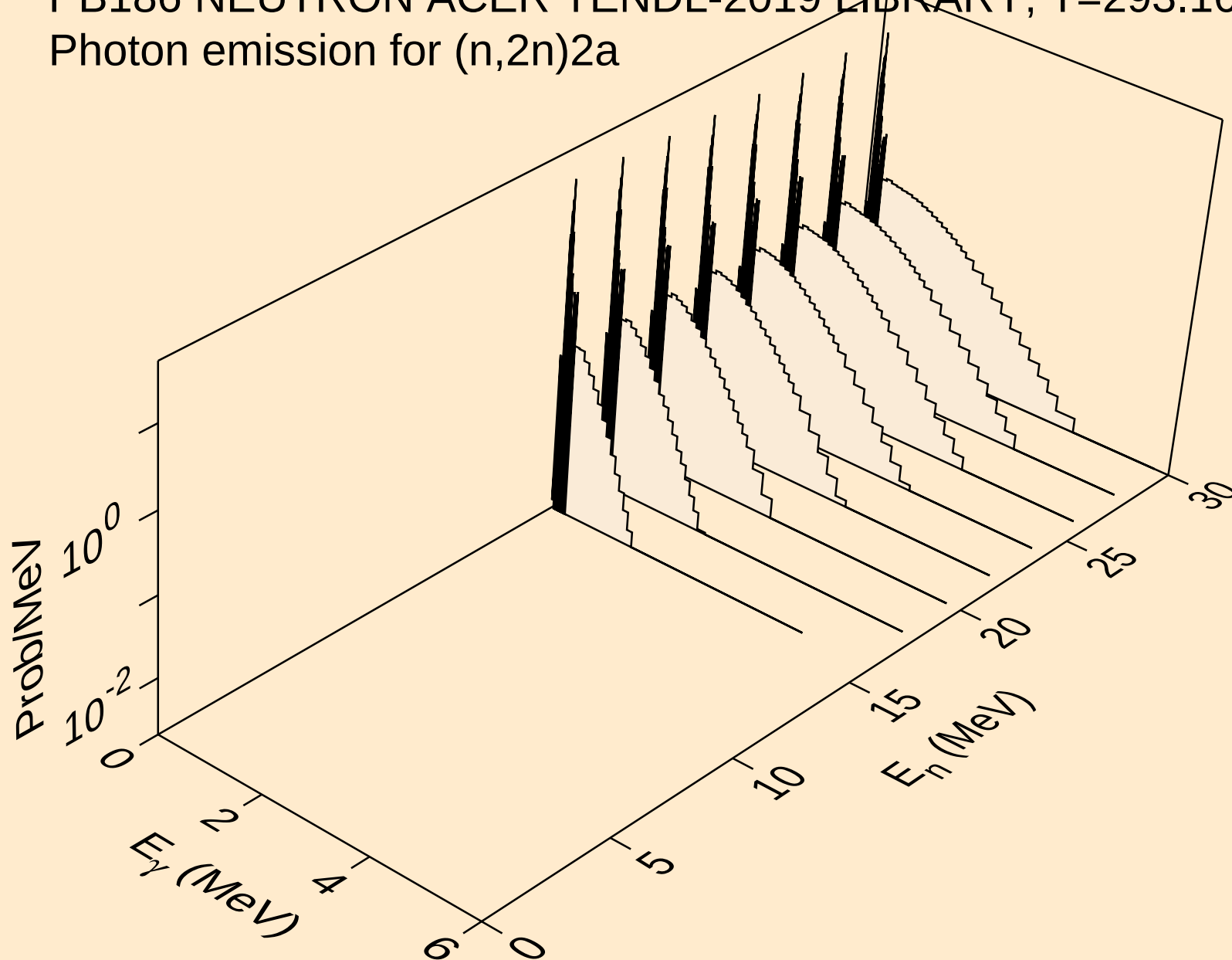
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



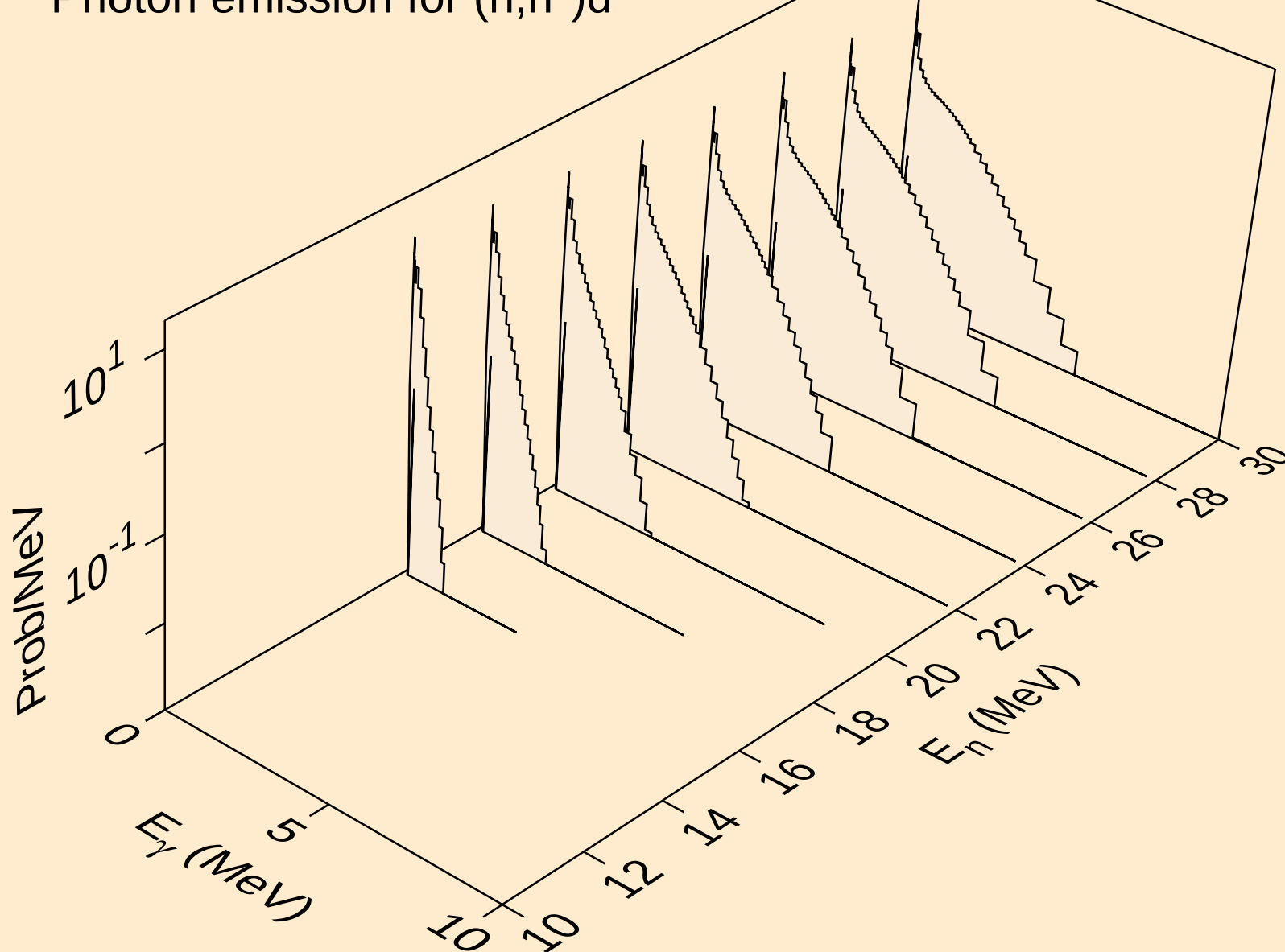
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)2a



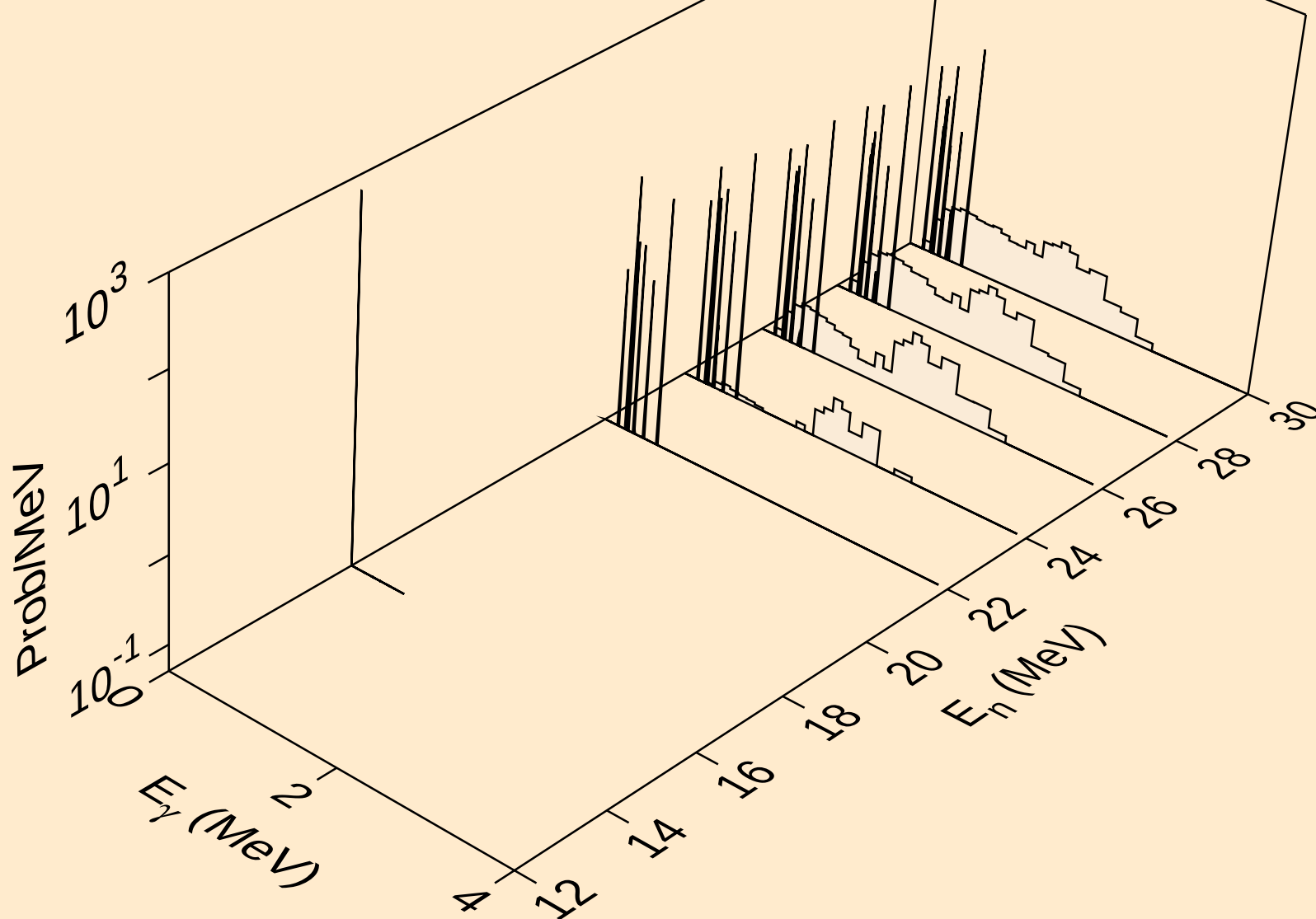
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)2a



PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d

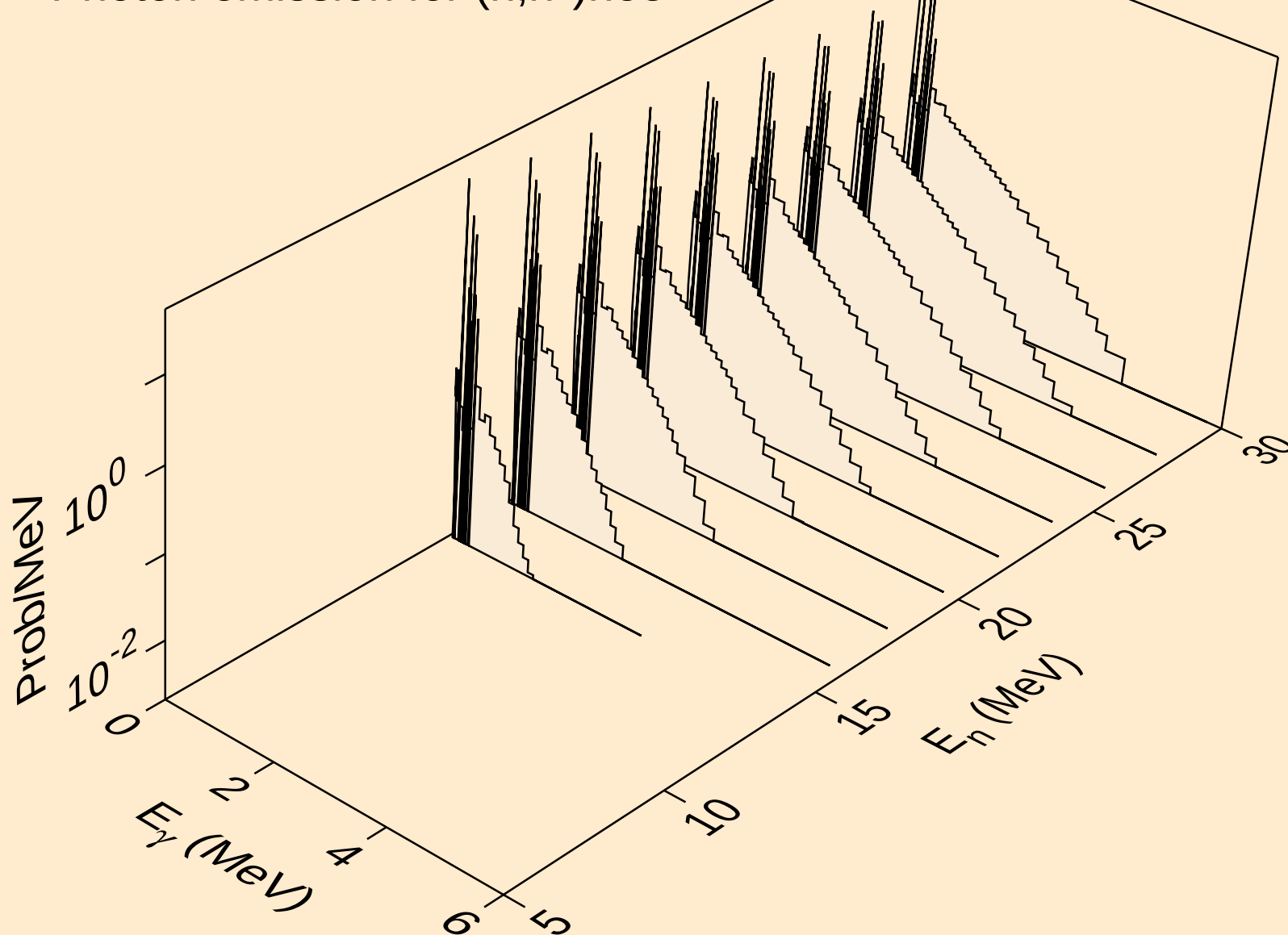


PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t

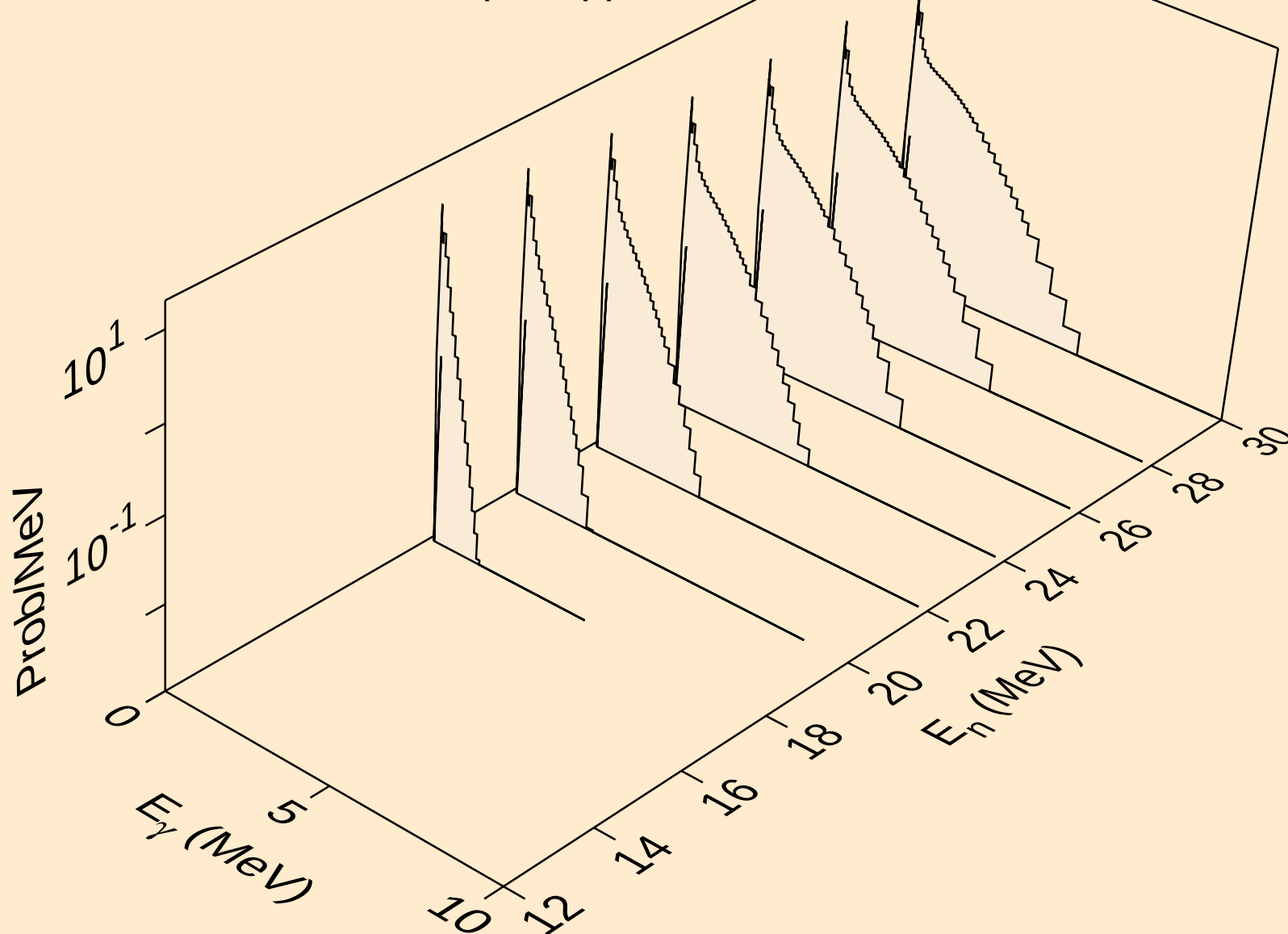




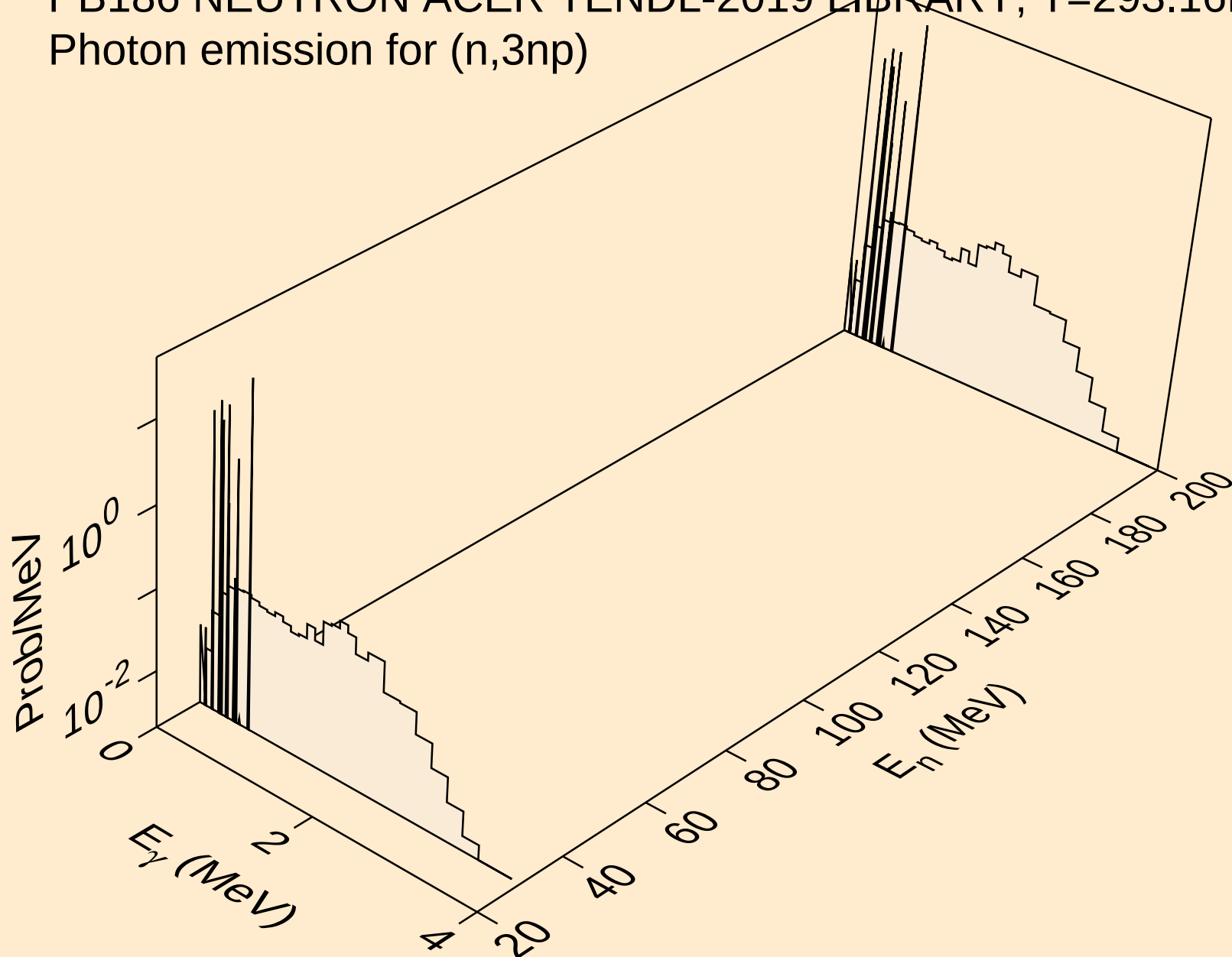
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



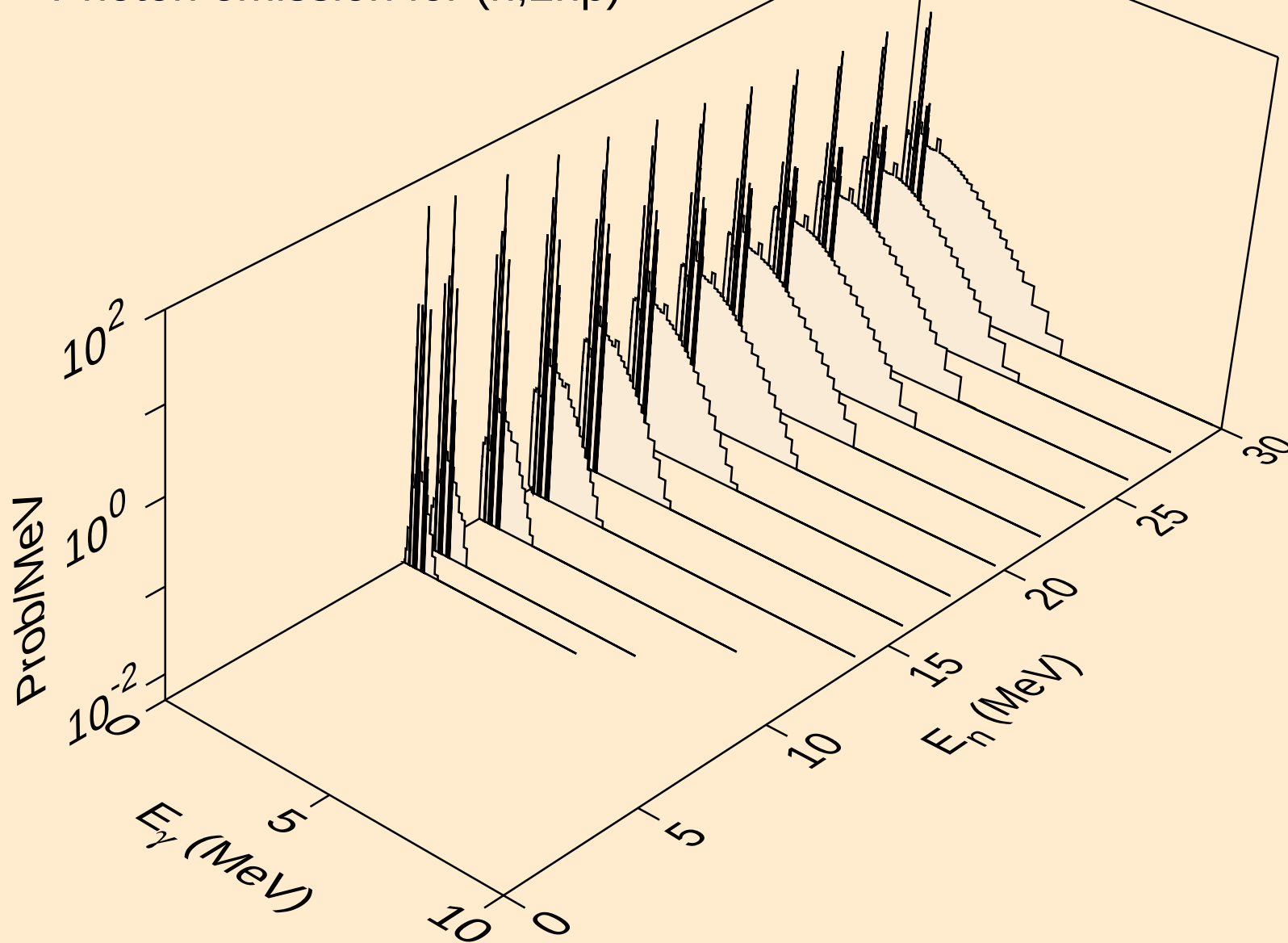
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Photon emission for (n,2np)



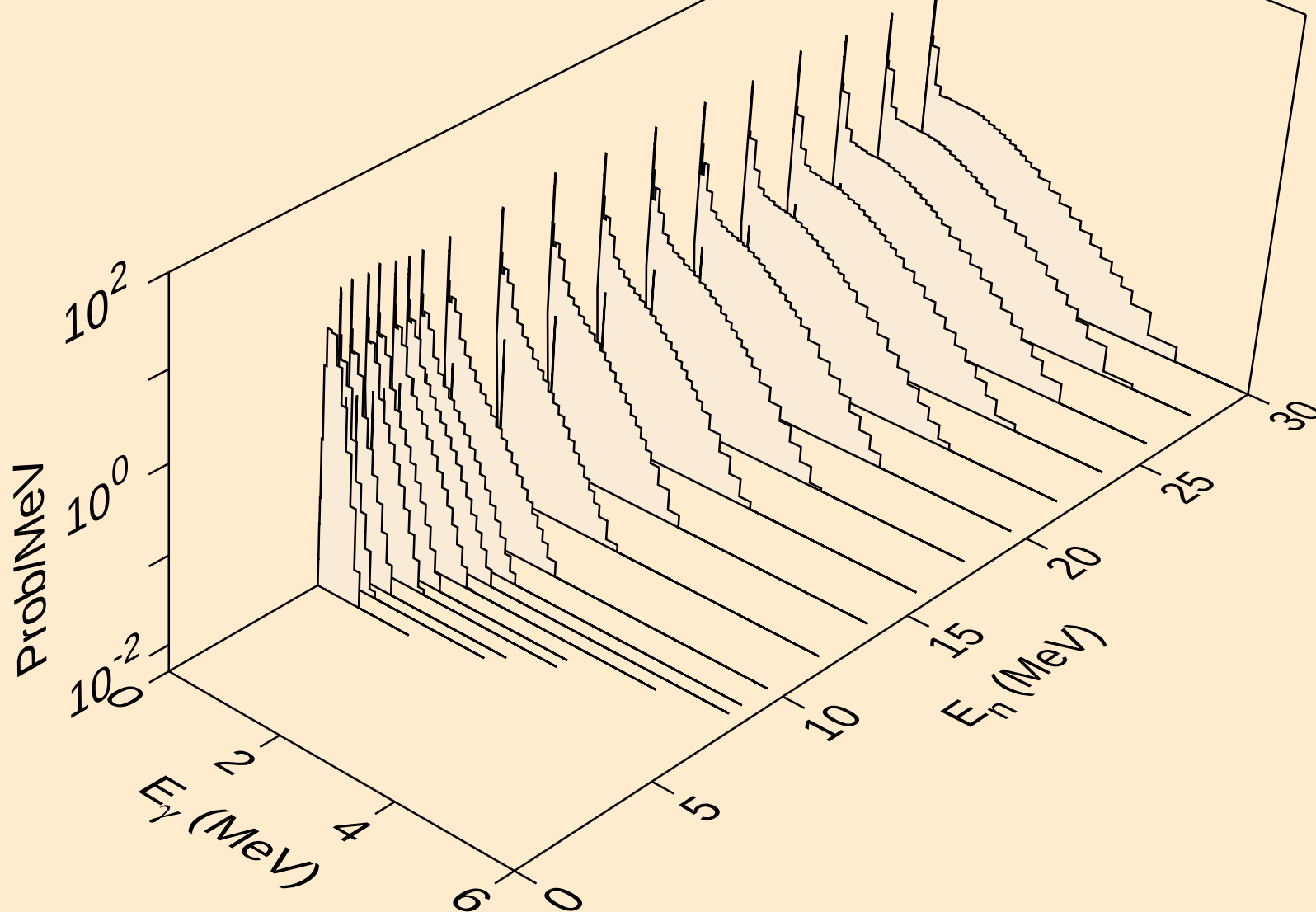
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Photon emission for (n,3np)



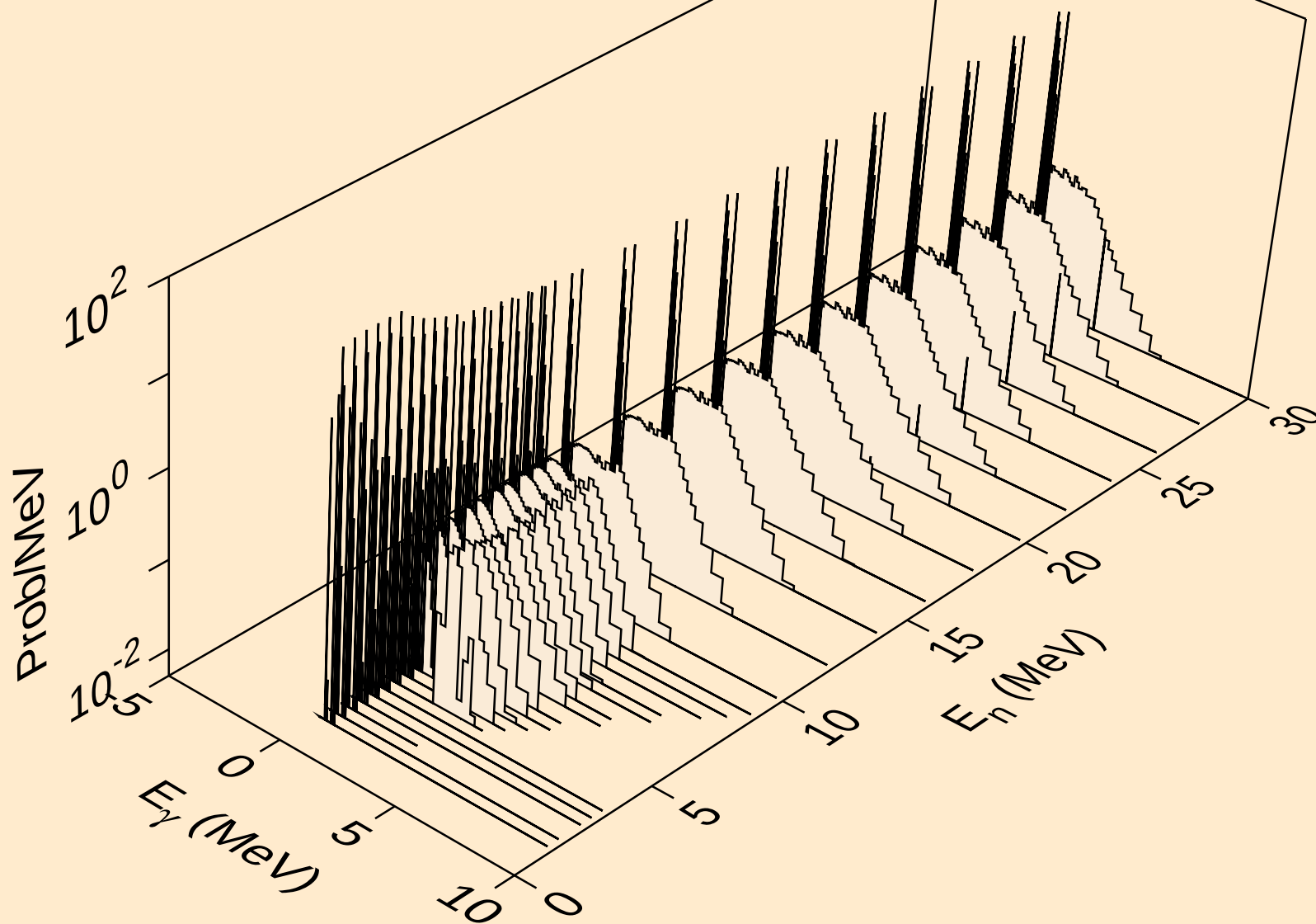
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



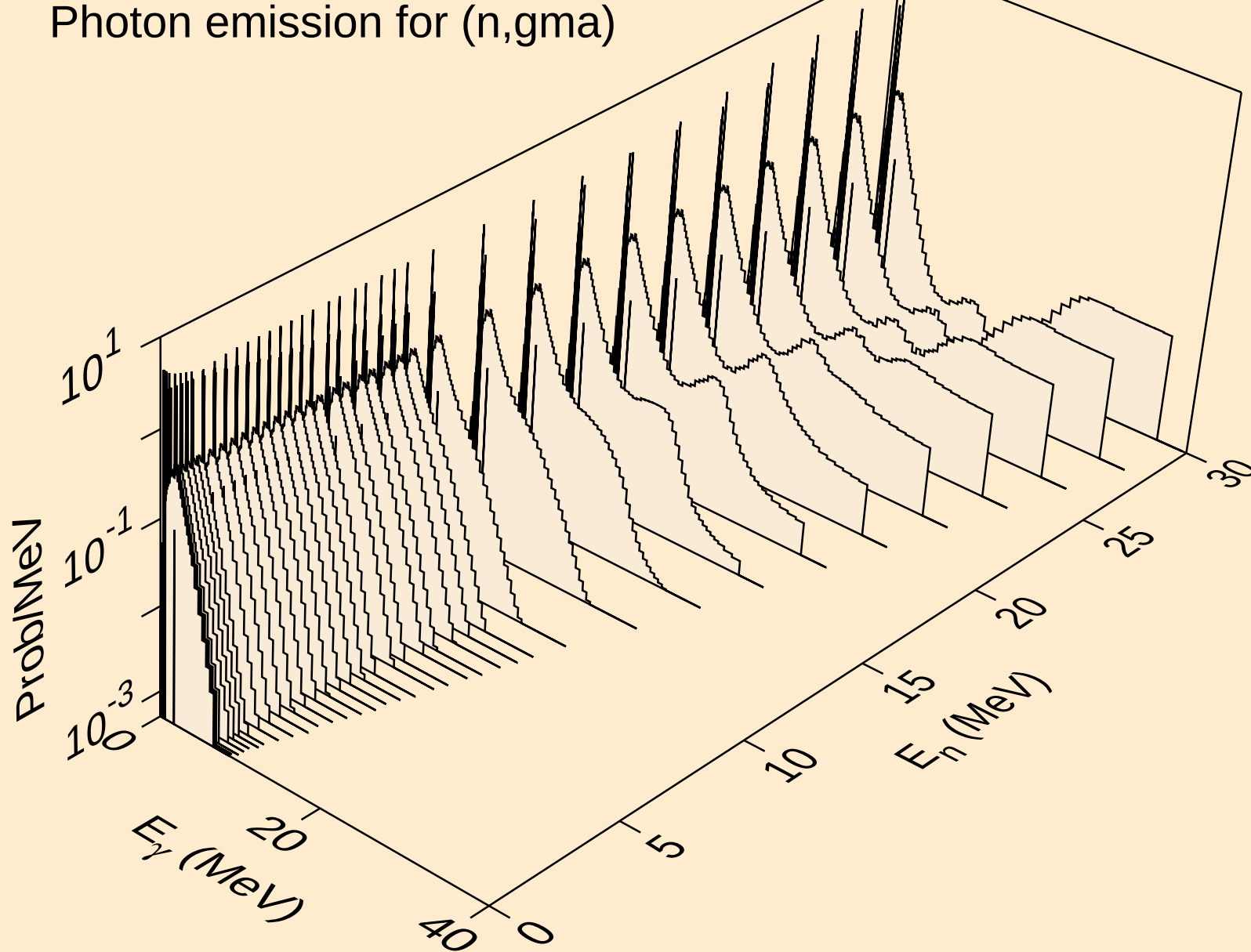
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)



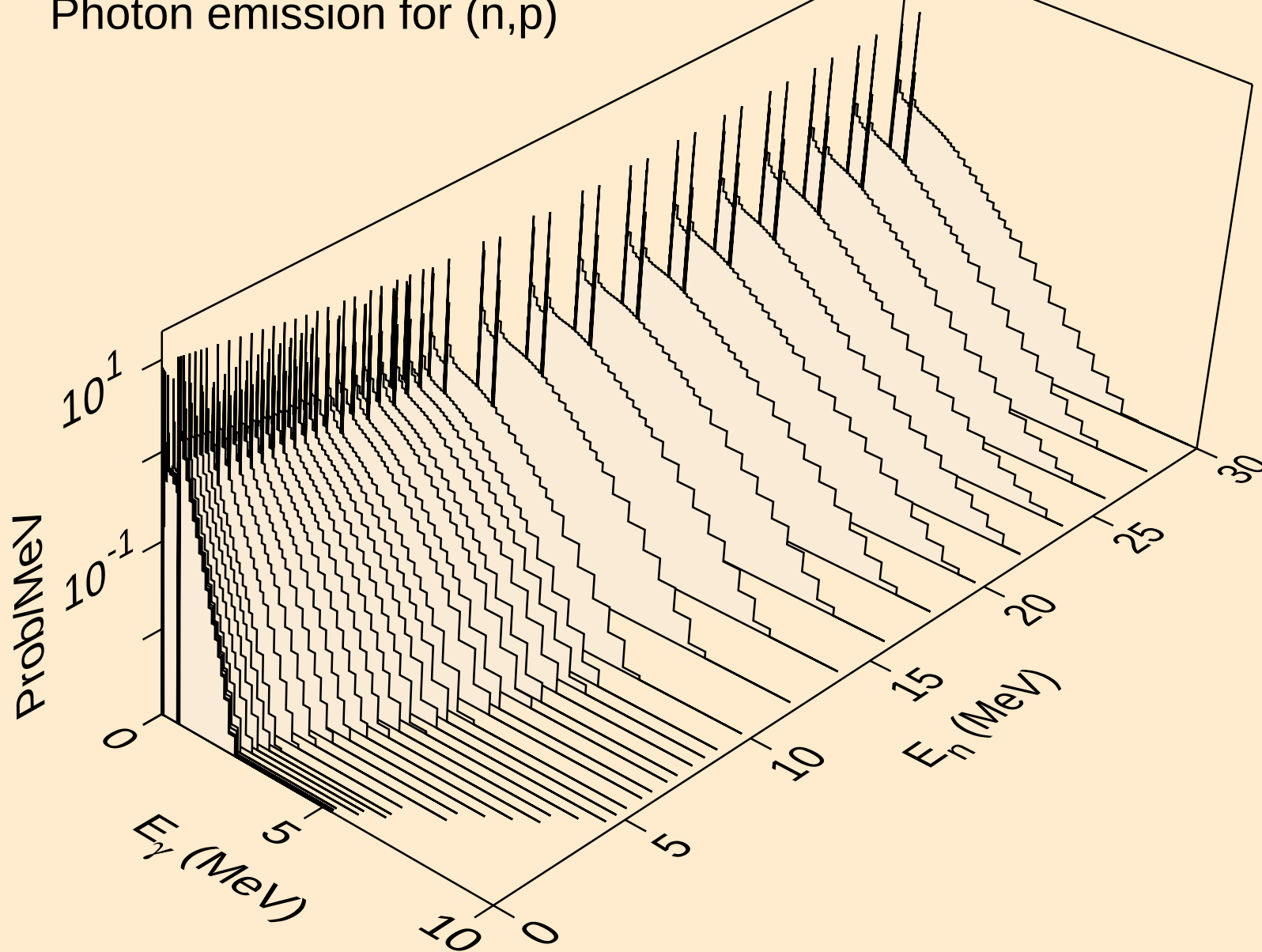
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)

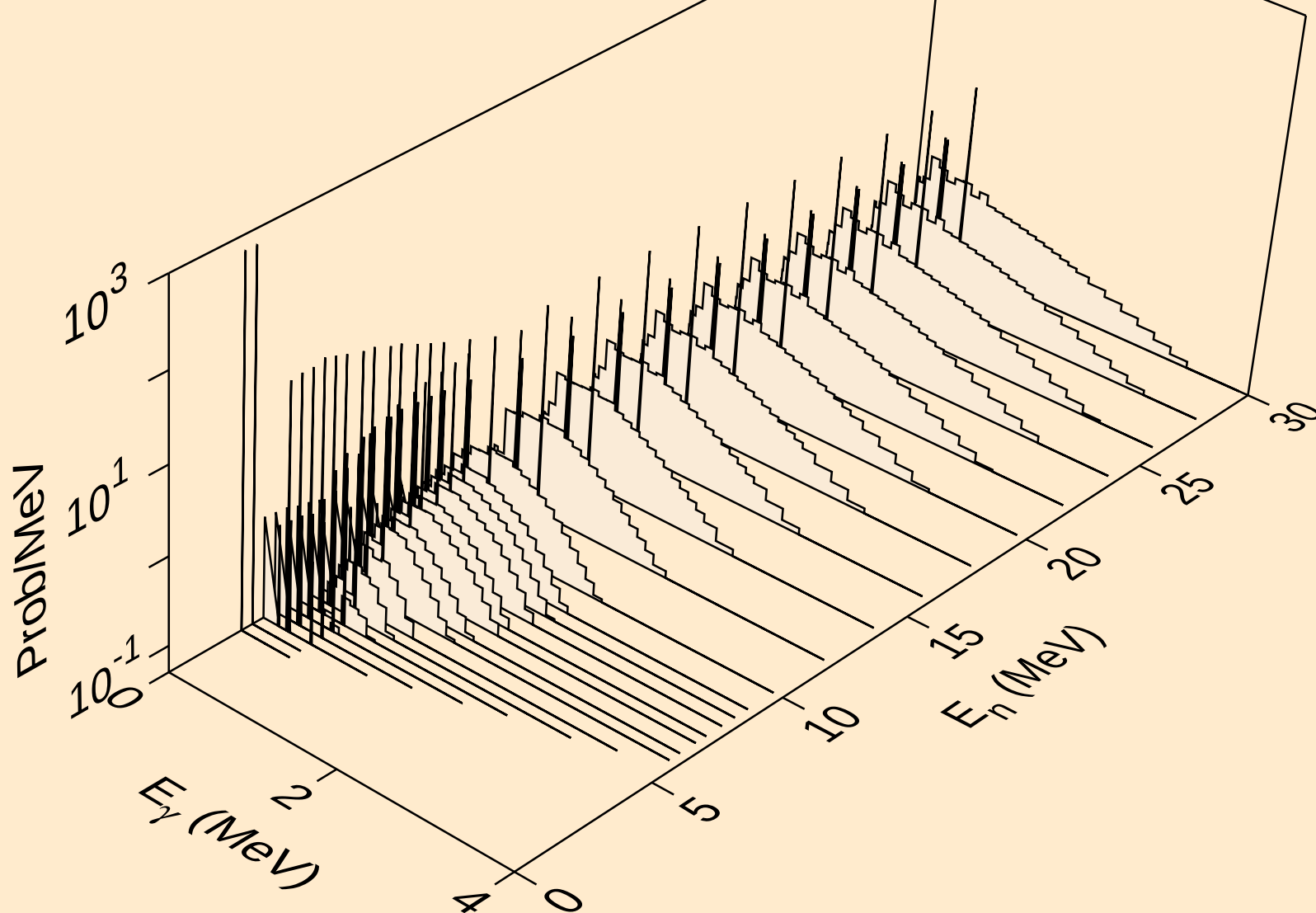


PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)

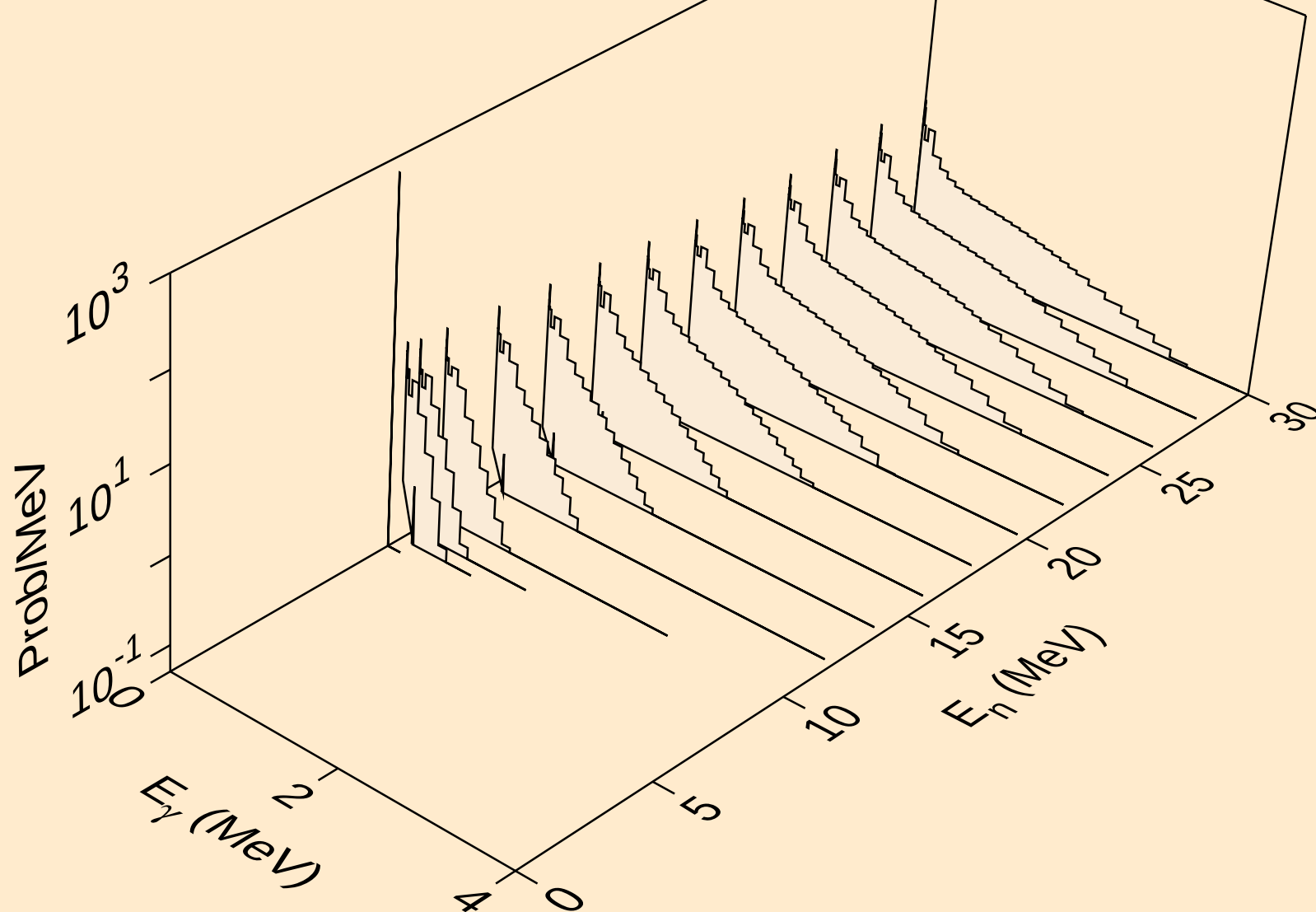




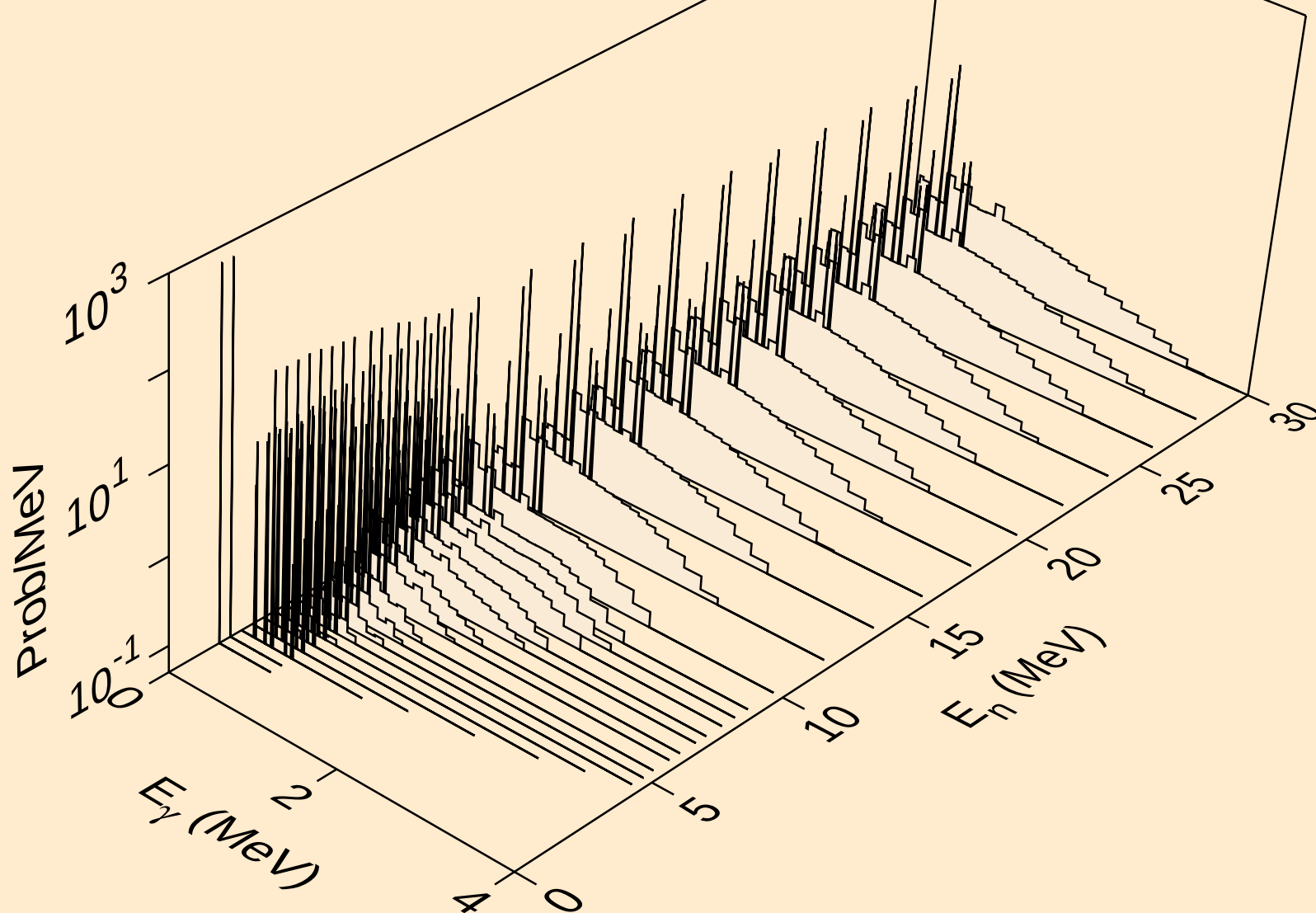
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



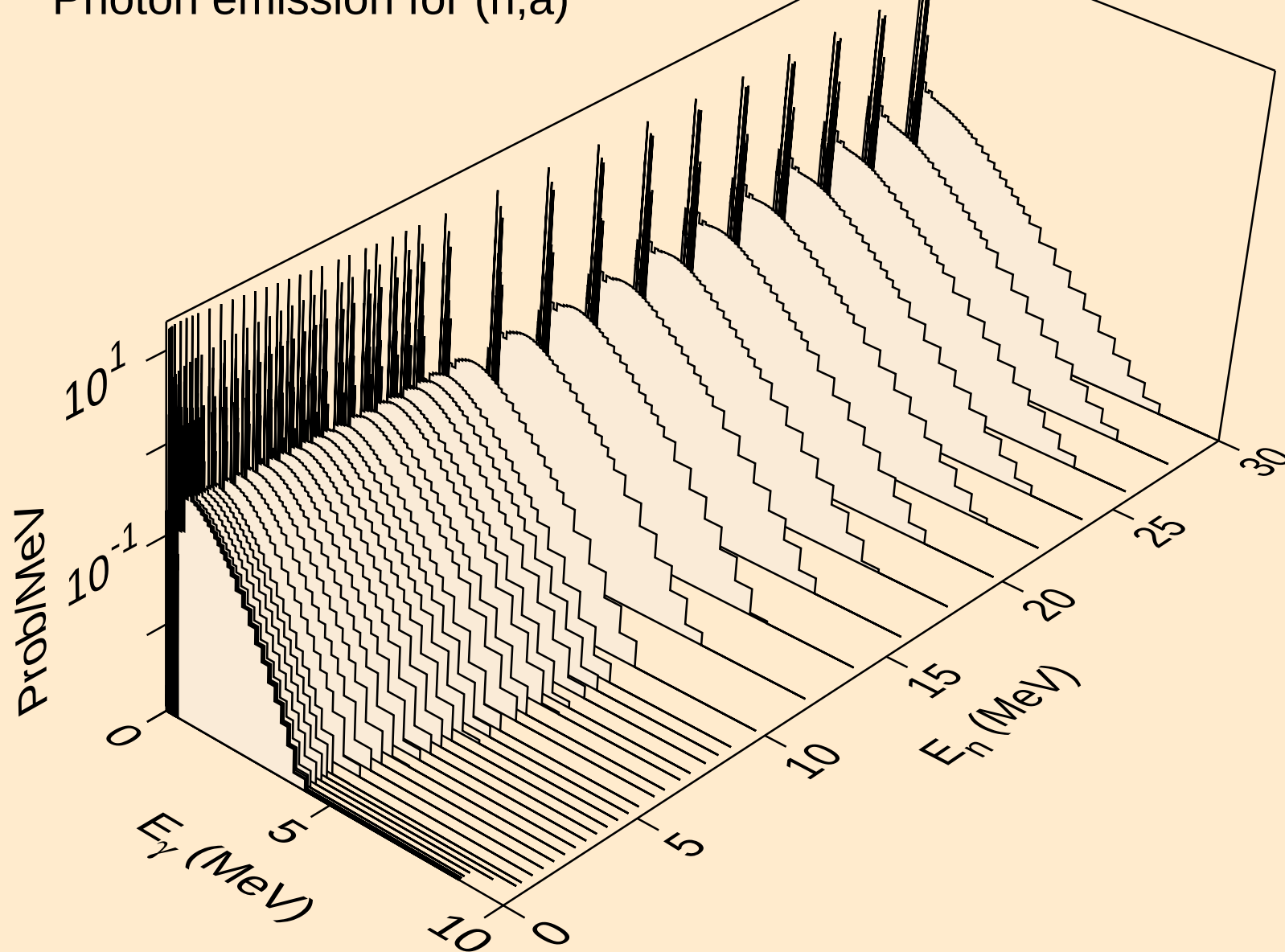
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



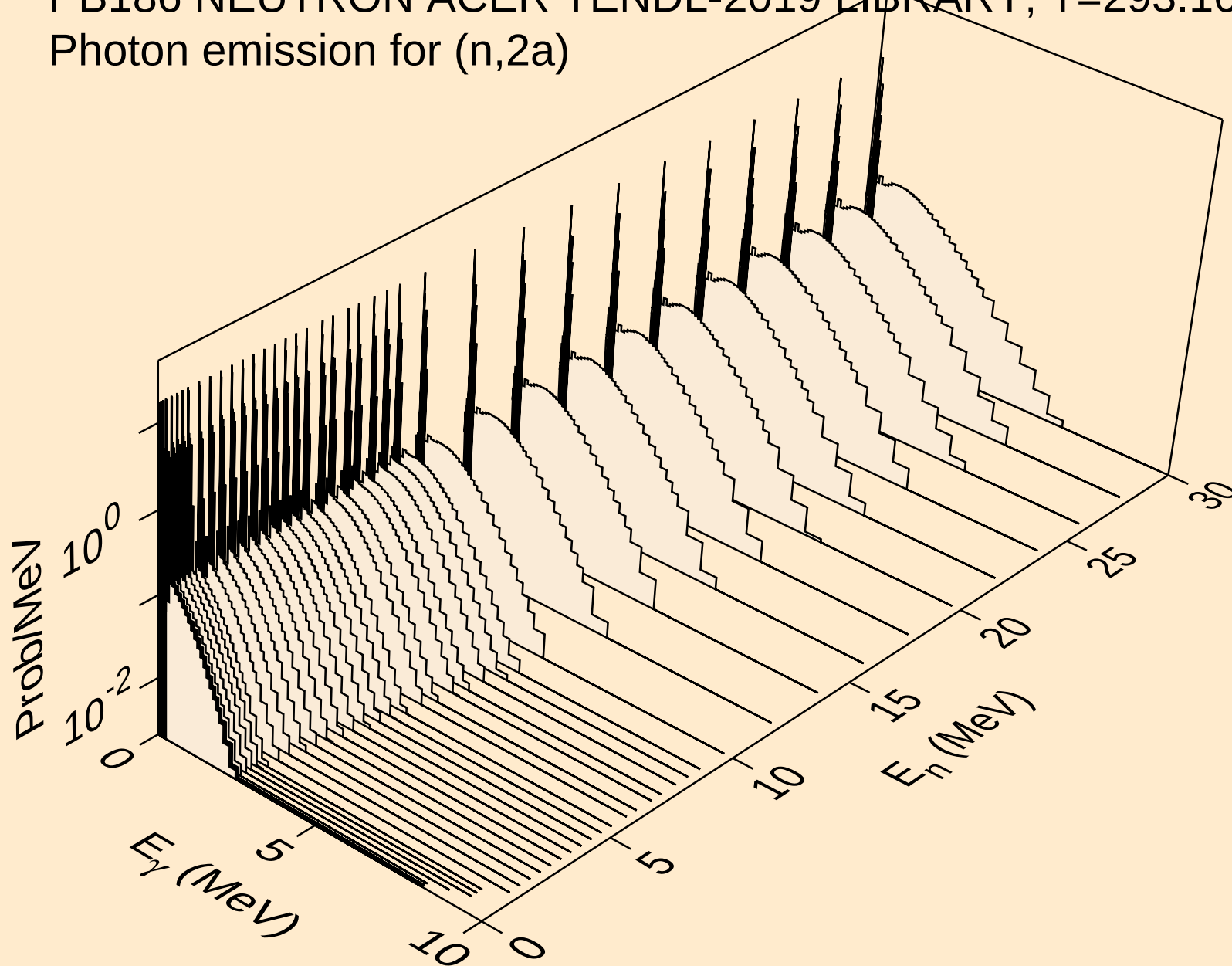
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



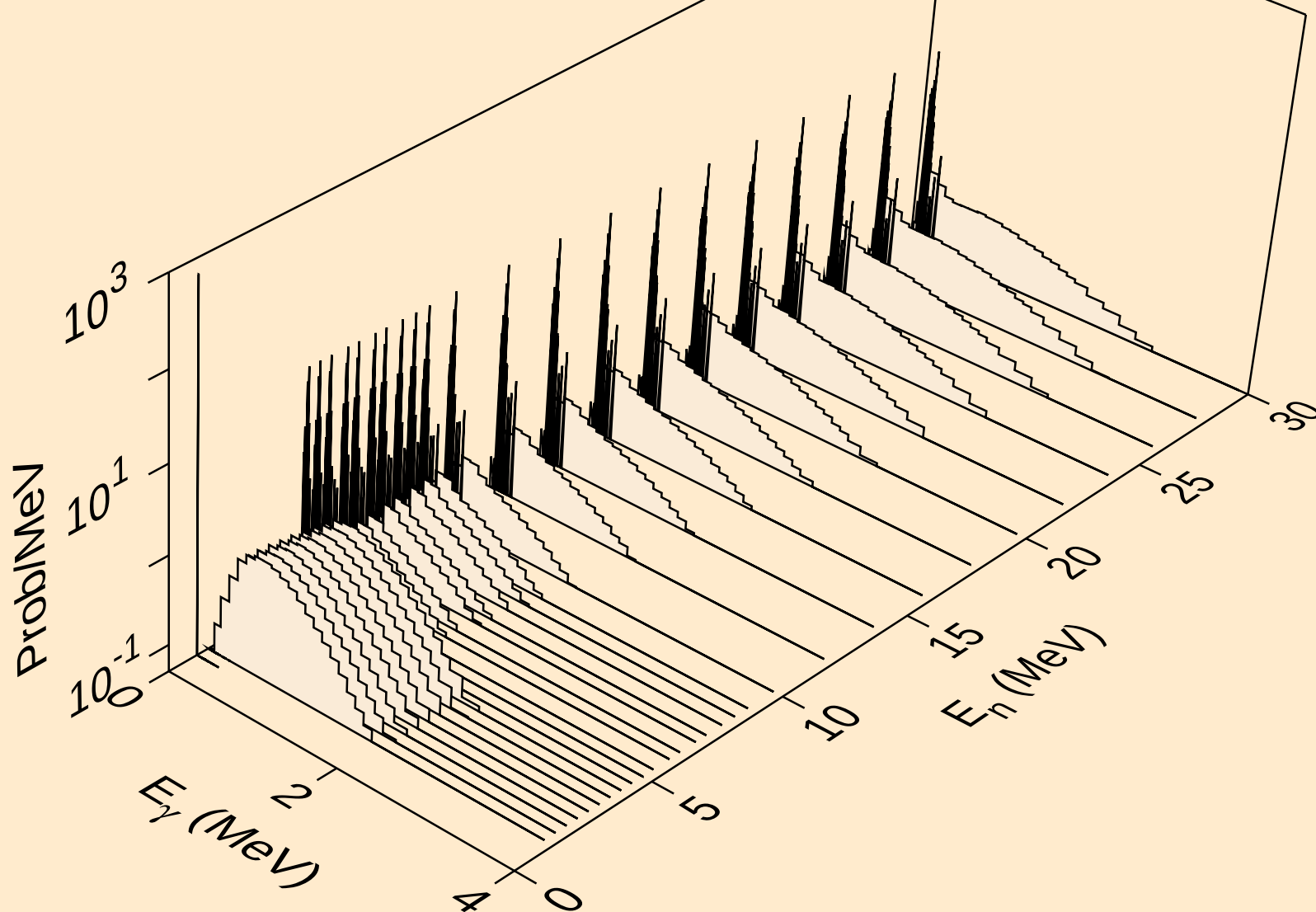
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



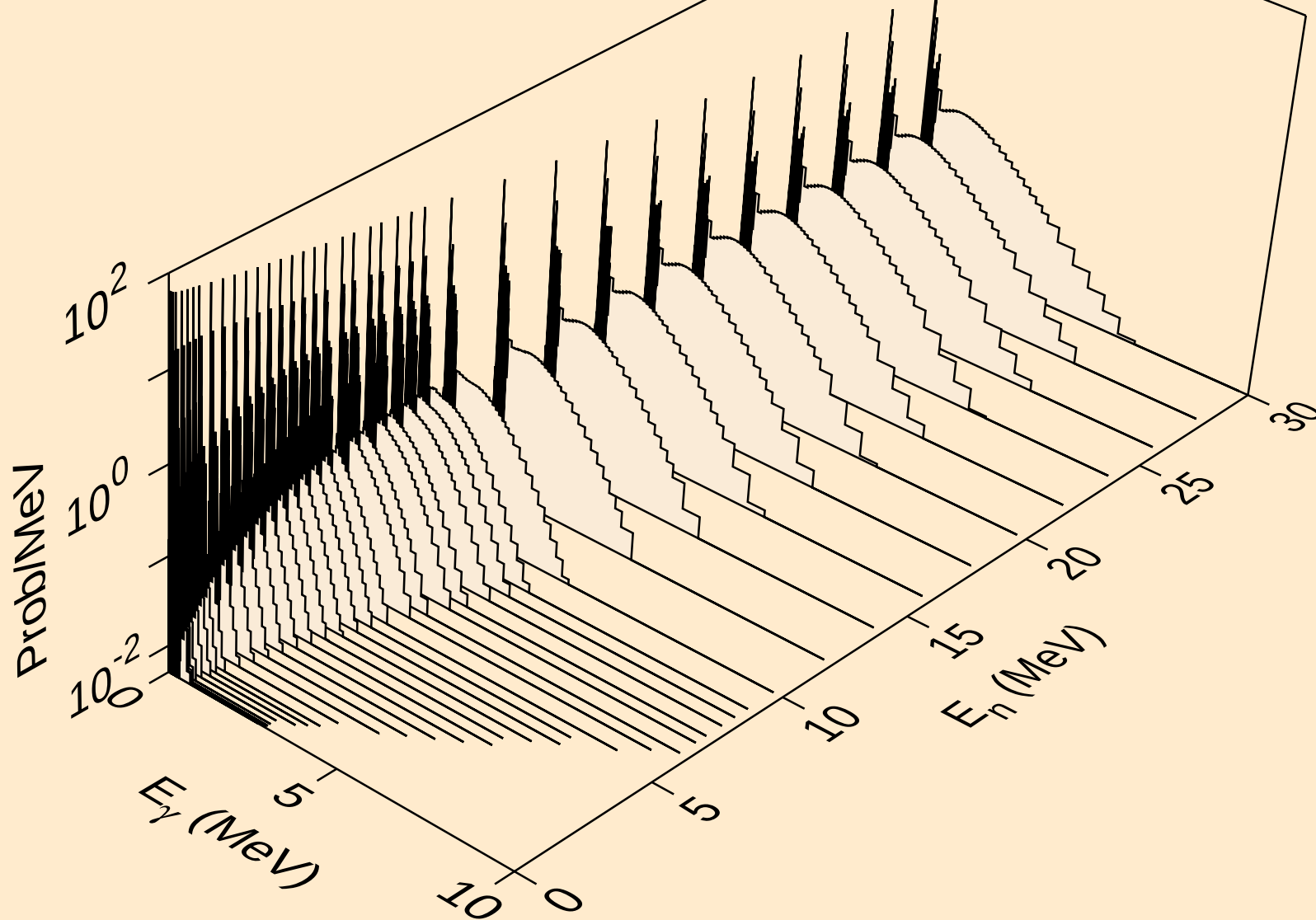
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2a)



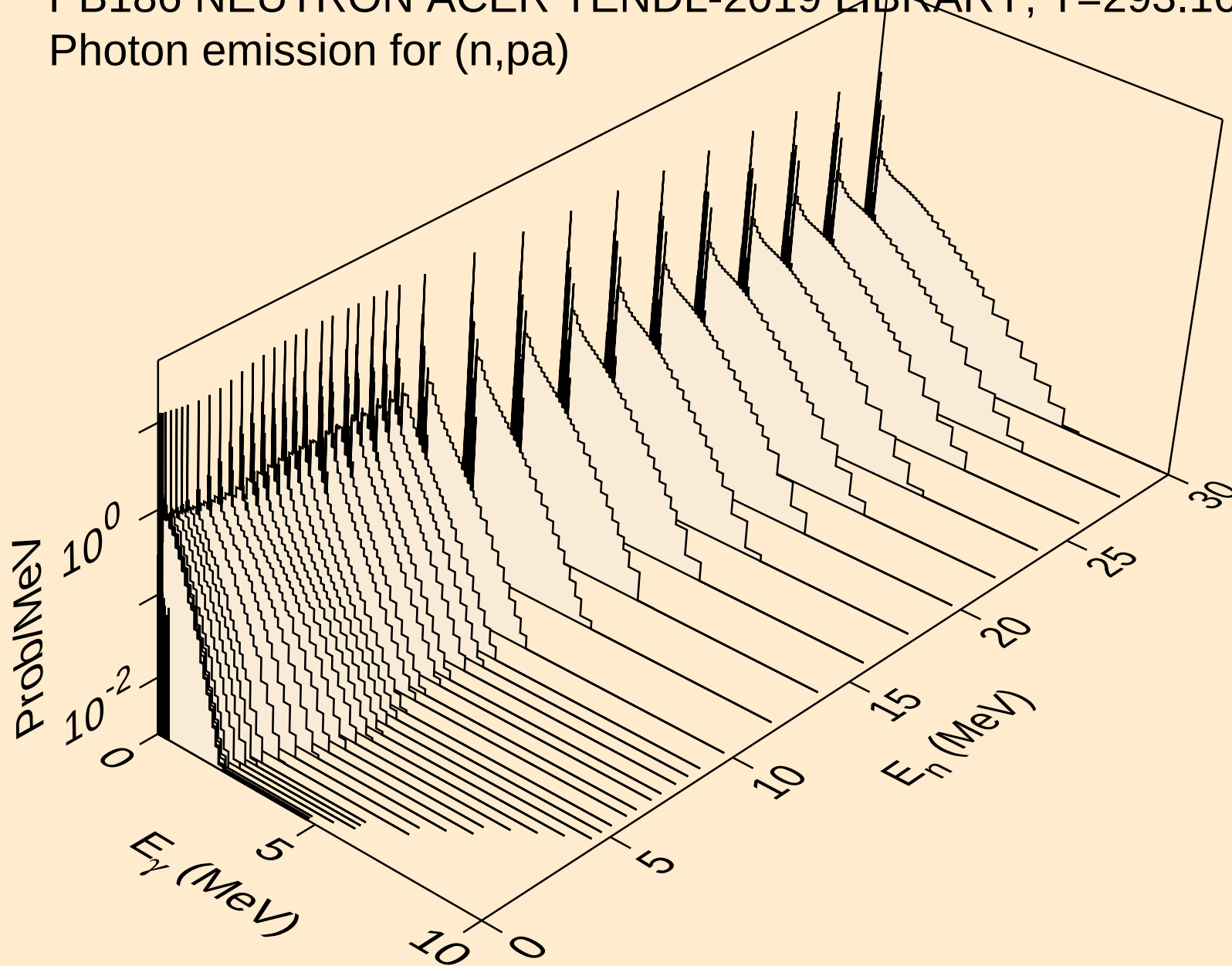
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3a)



PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)

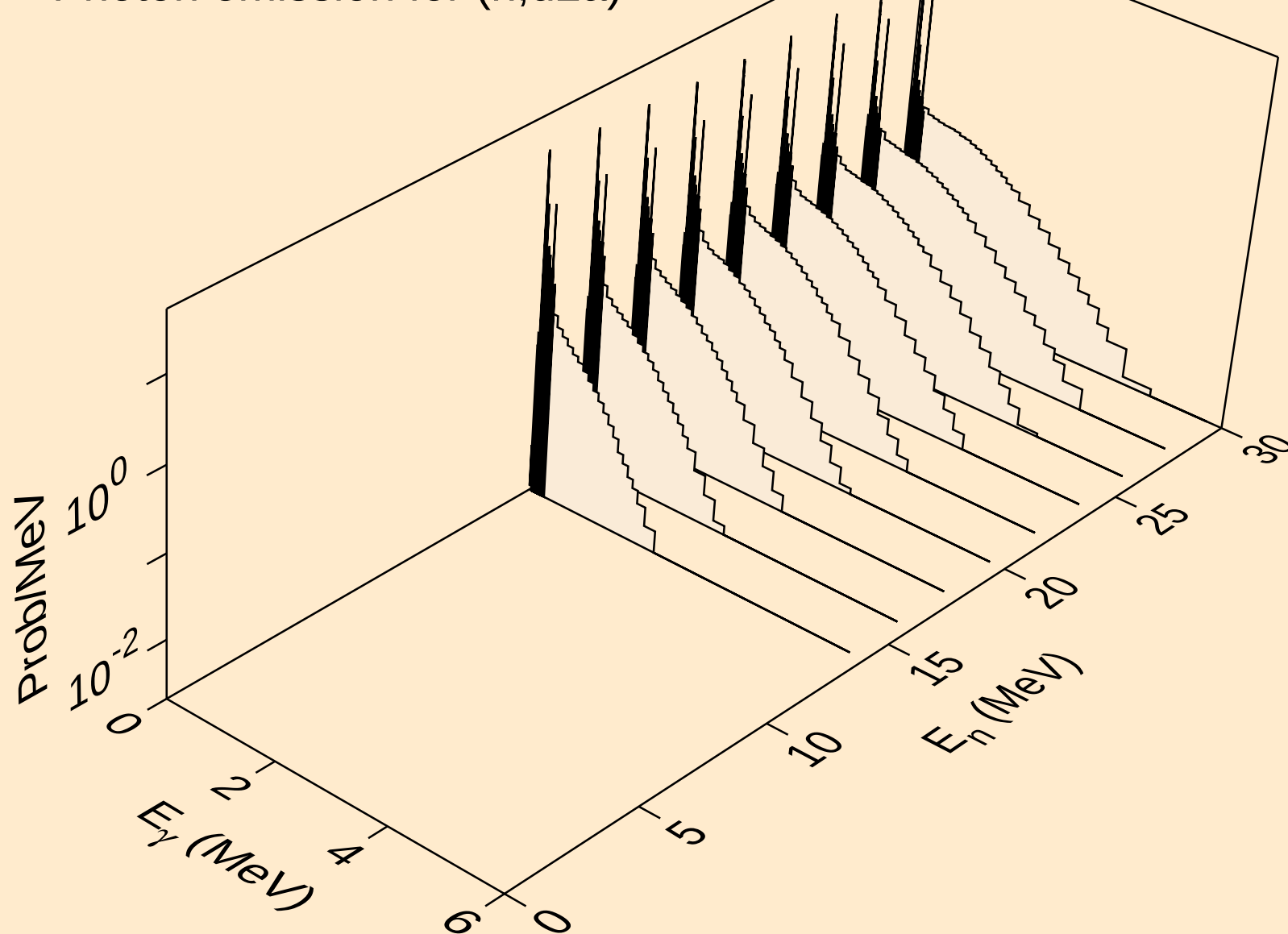


PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p $\alpha$ )

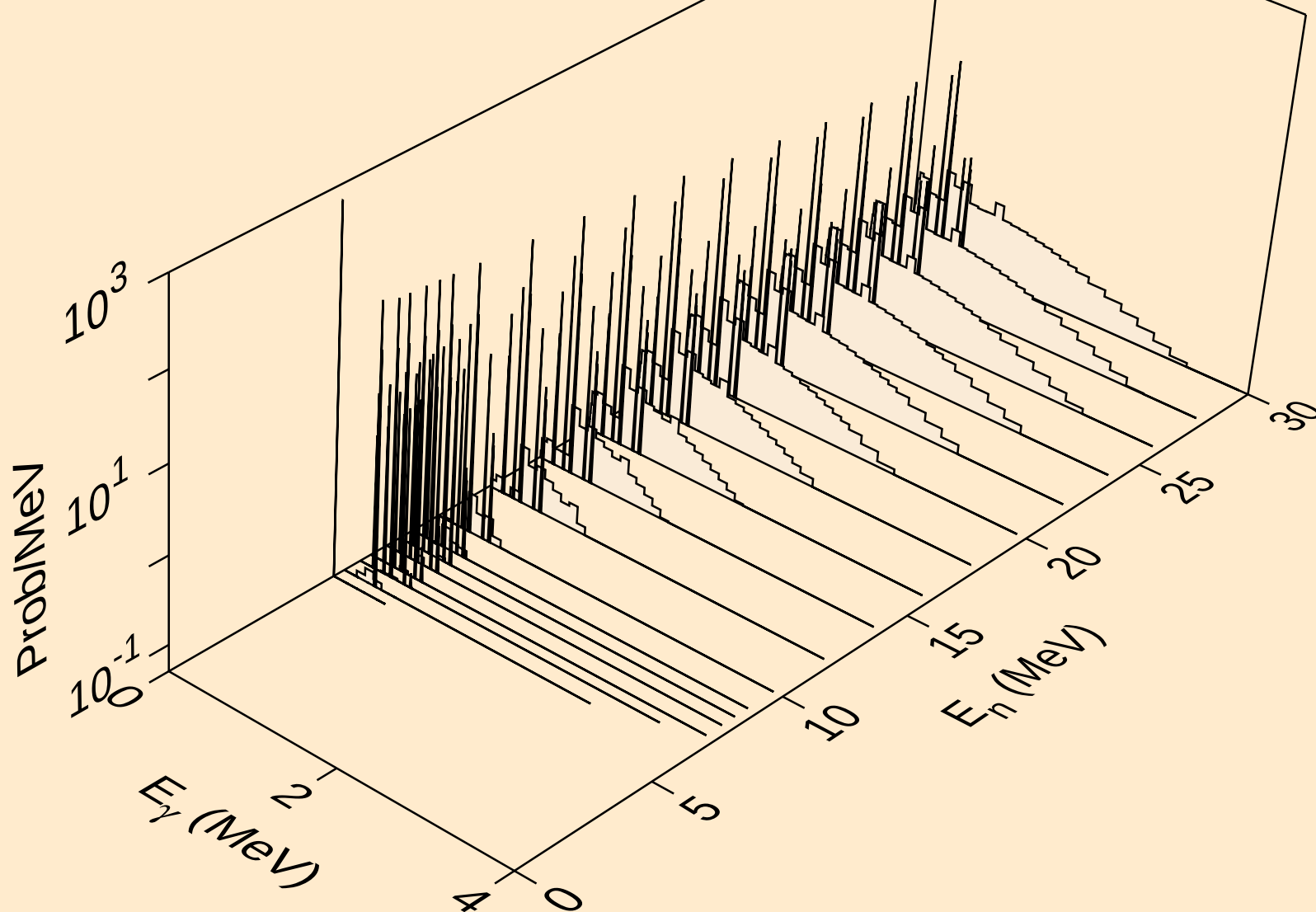




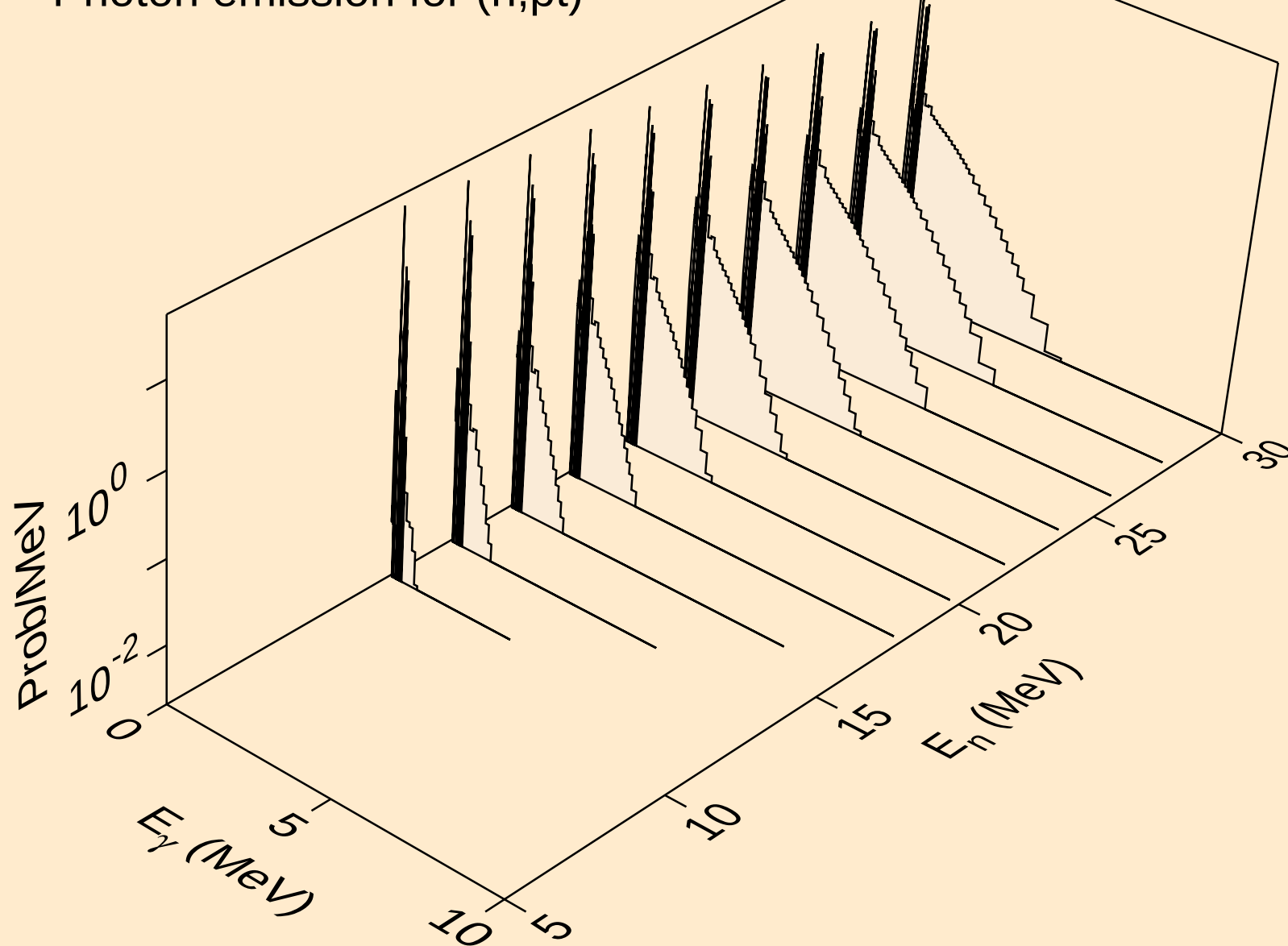
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d2a)



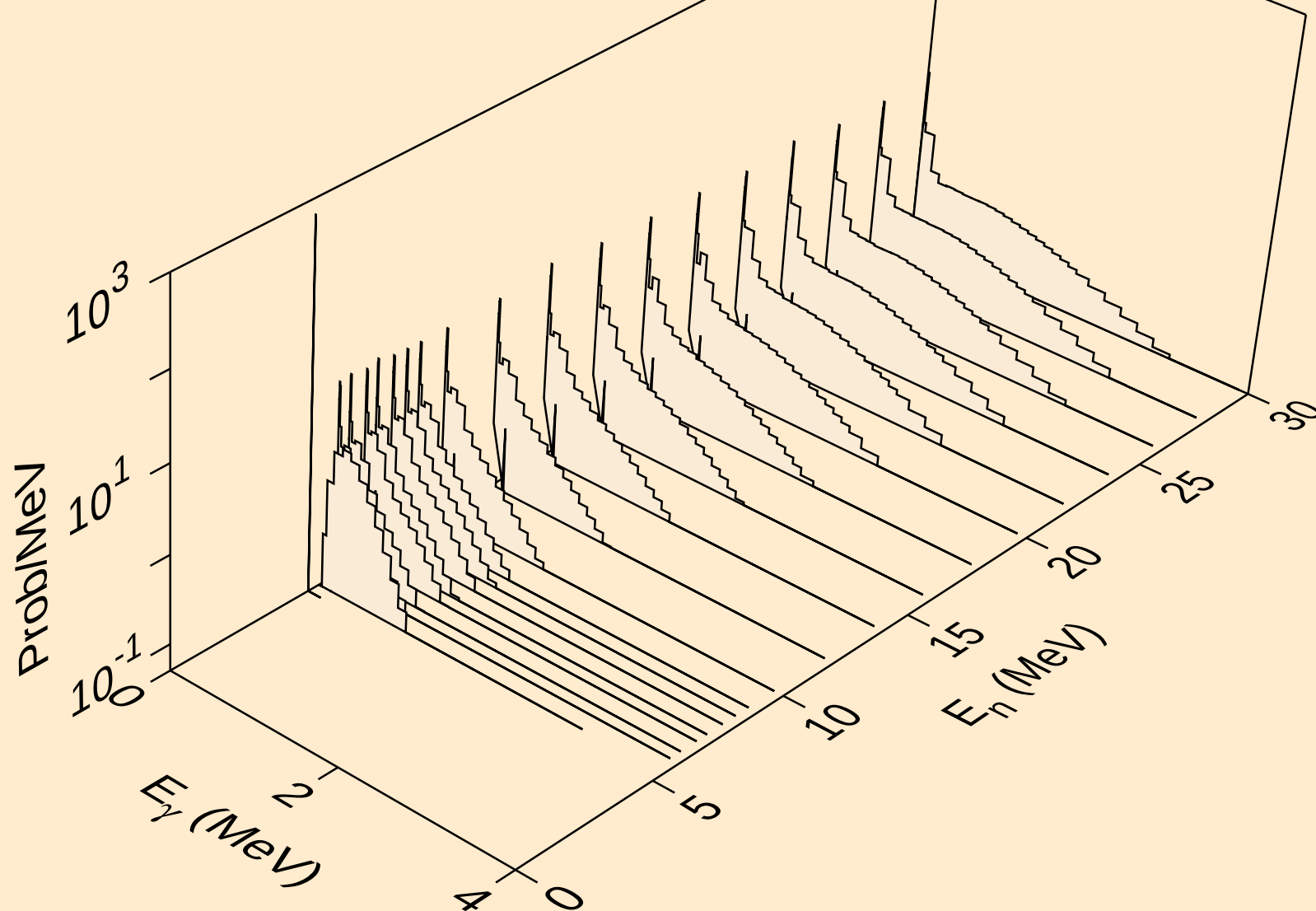
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pd)



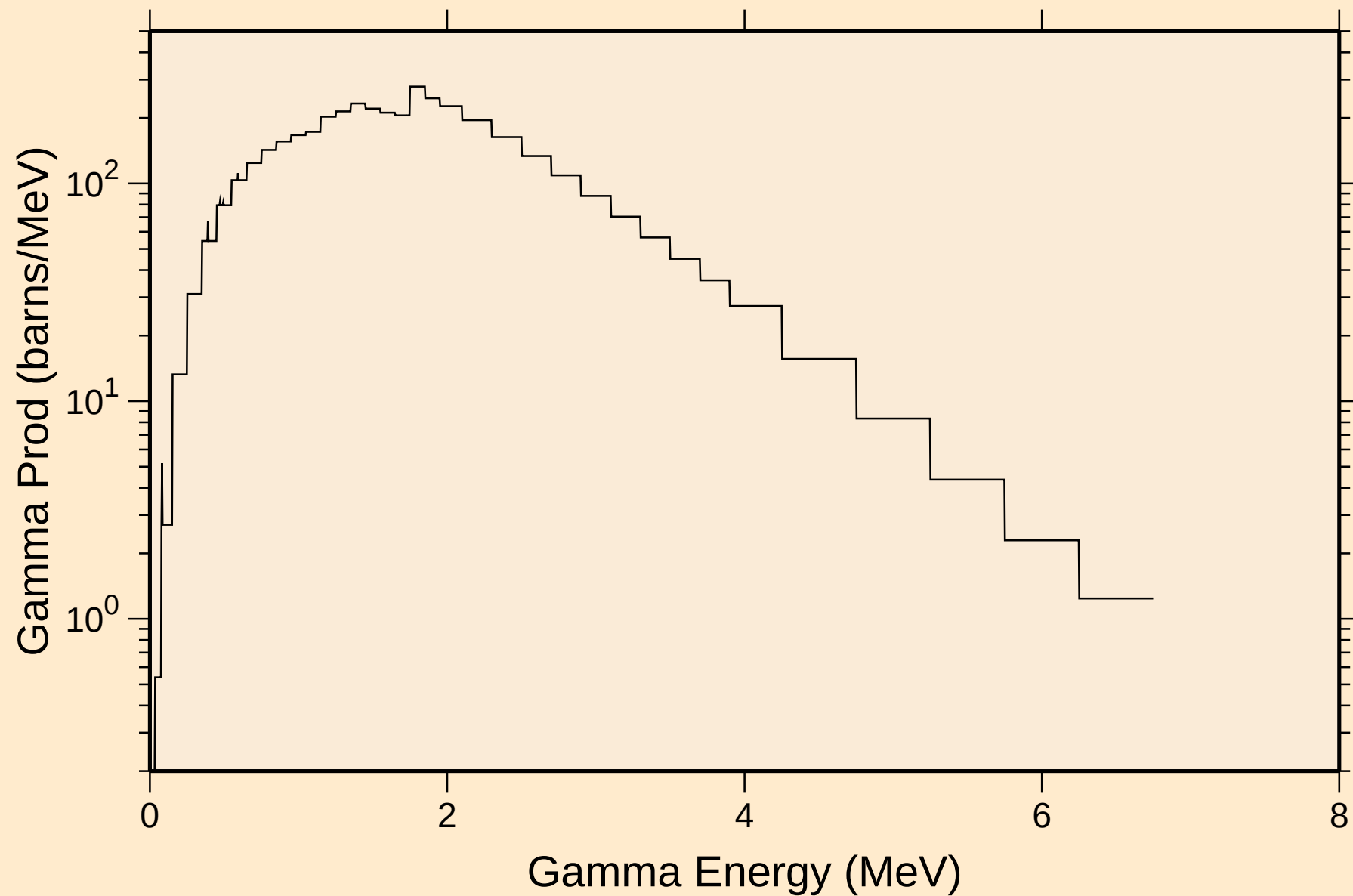
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pt)



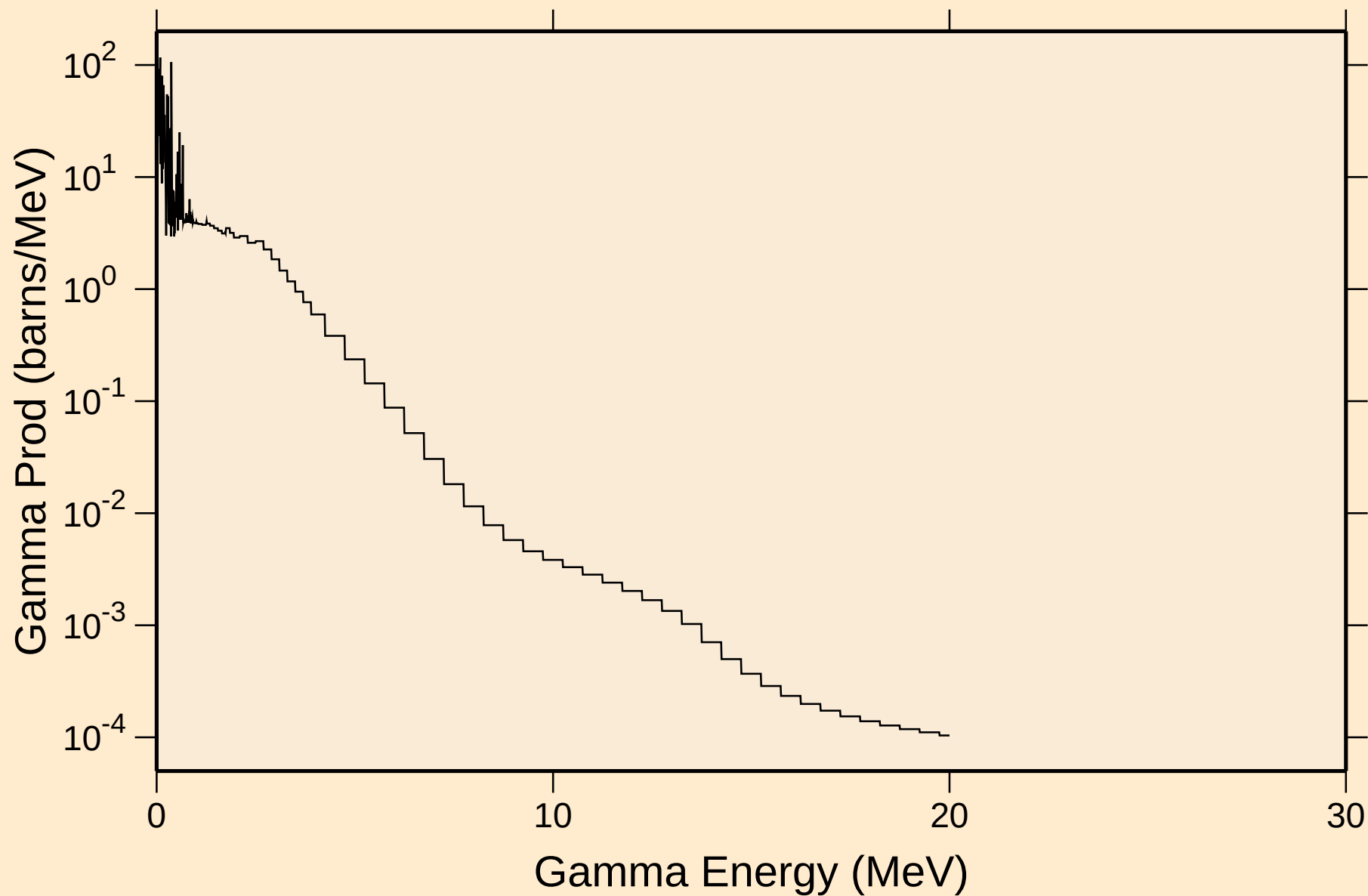
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)



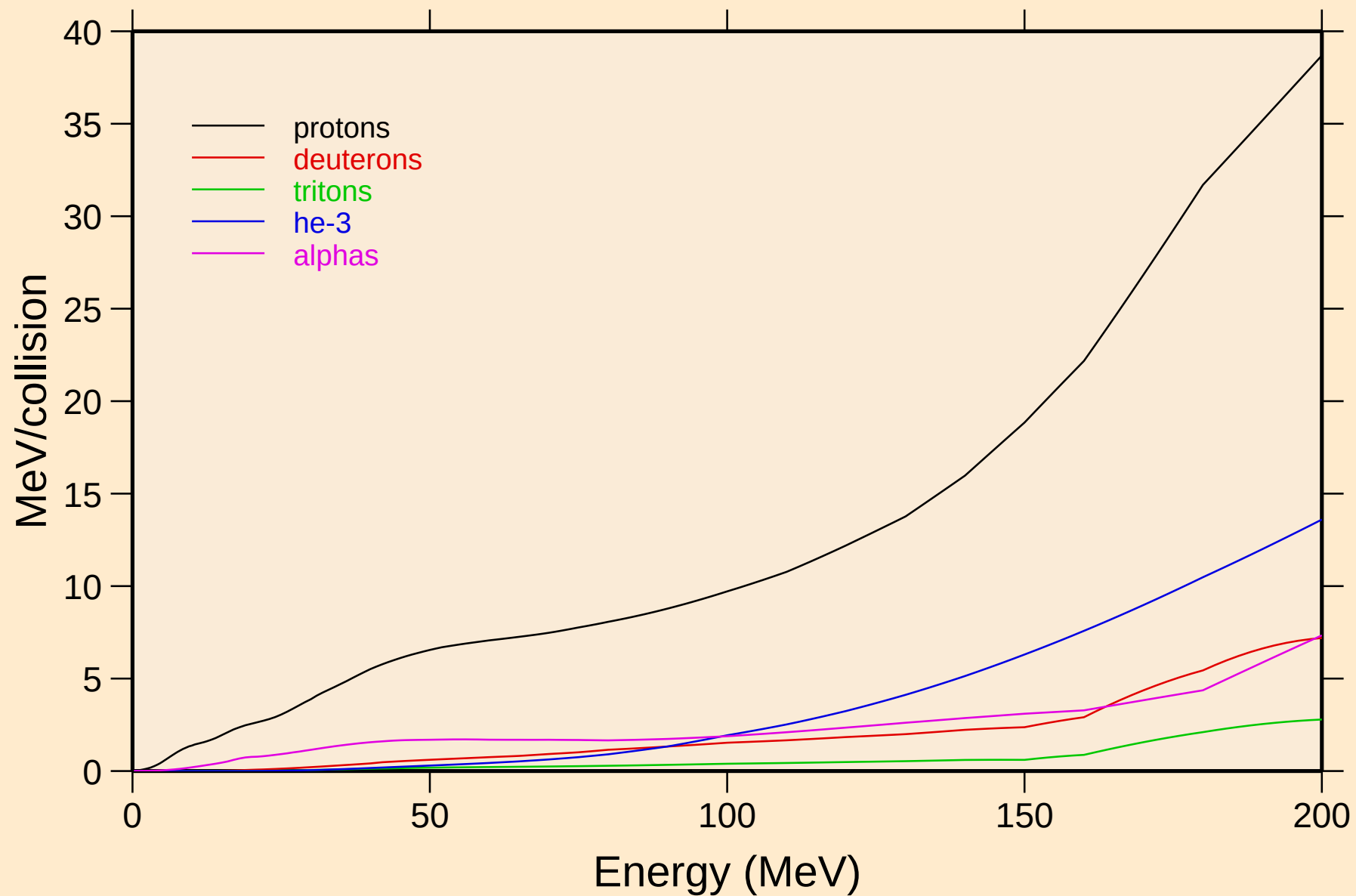
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum



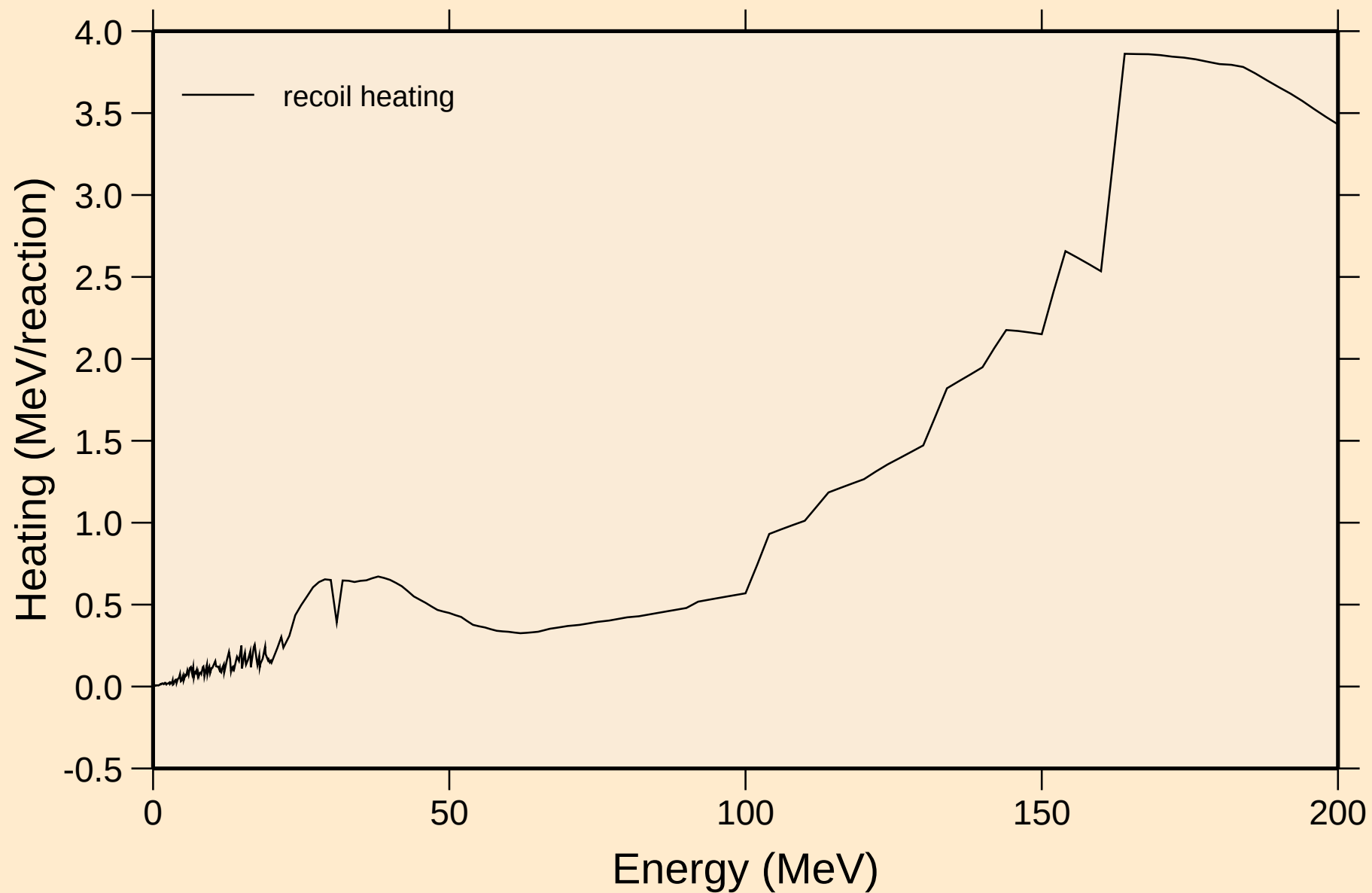
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum



PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle heating contributions



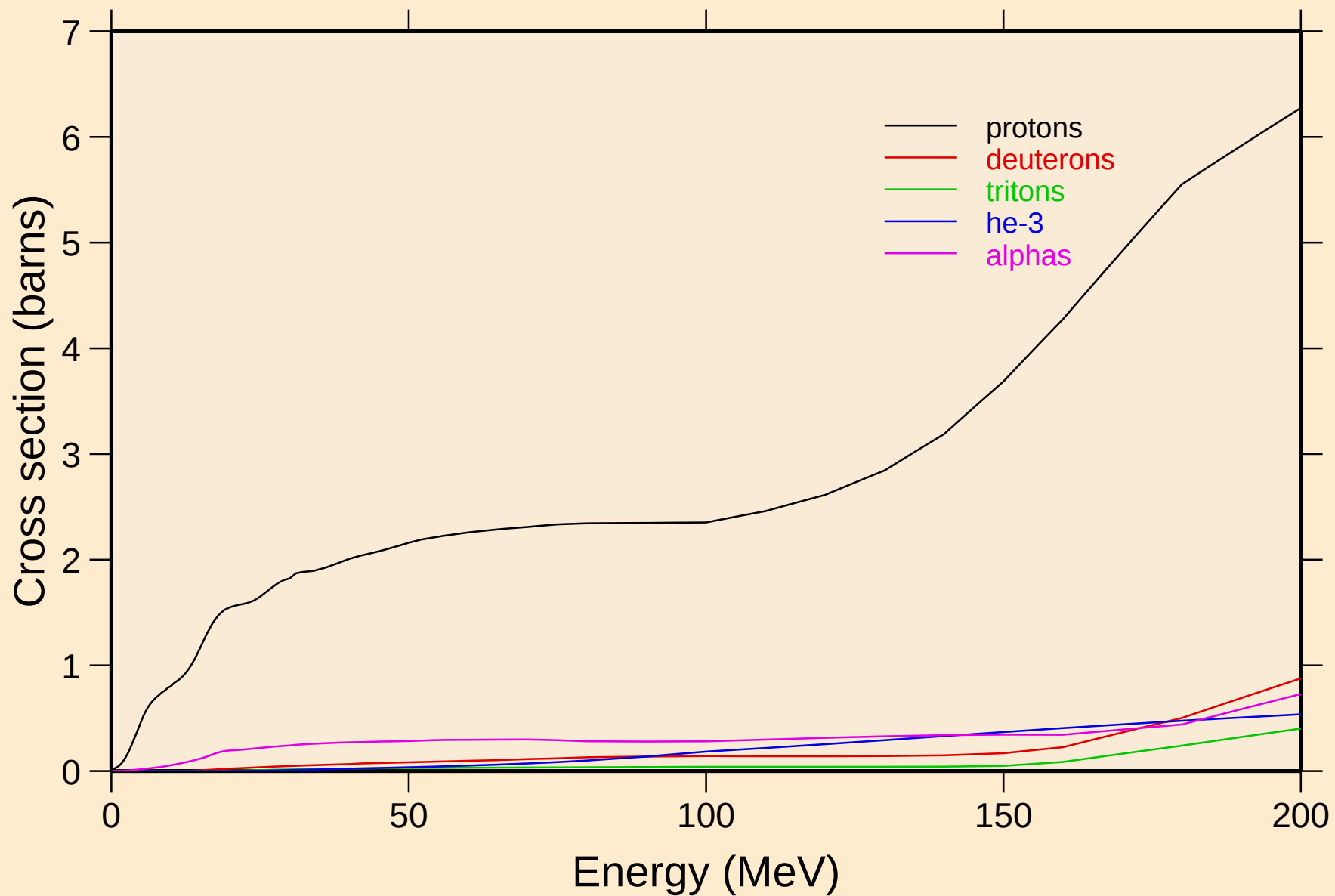
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



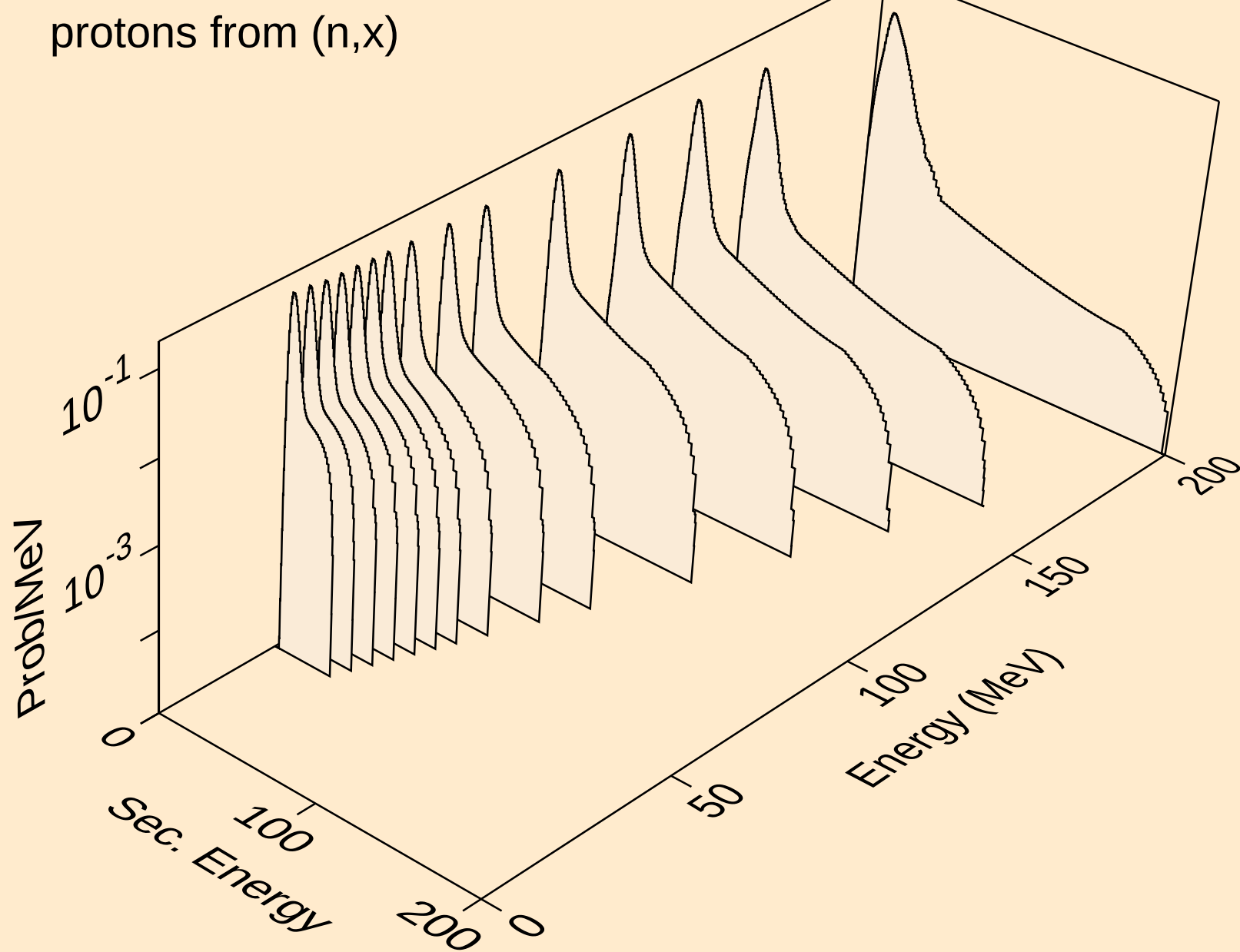


# PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

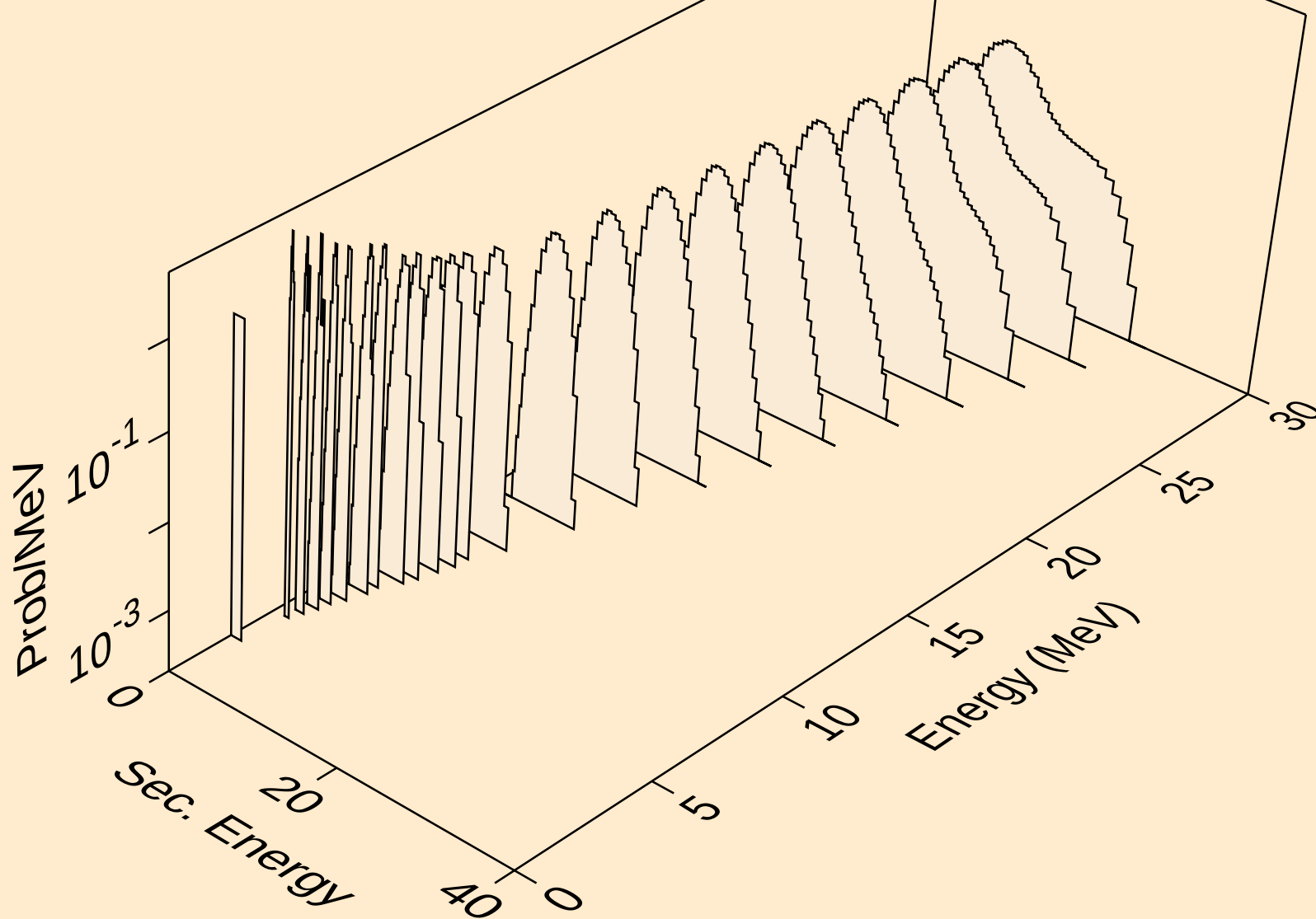
## Particle production cross sections



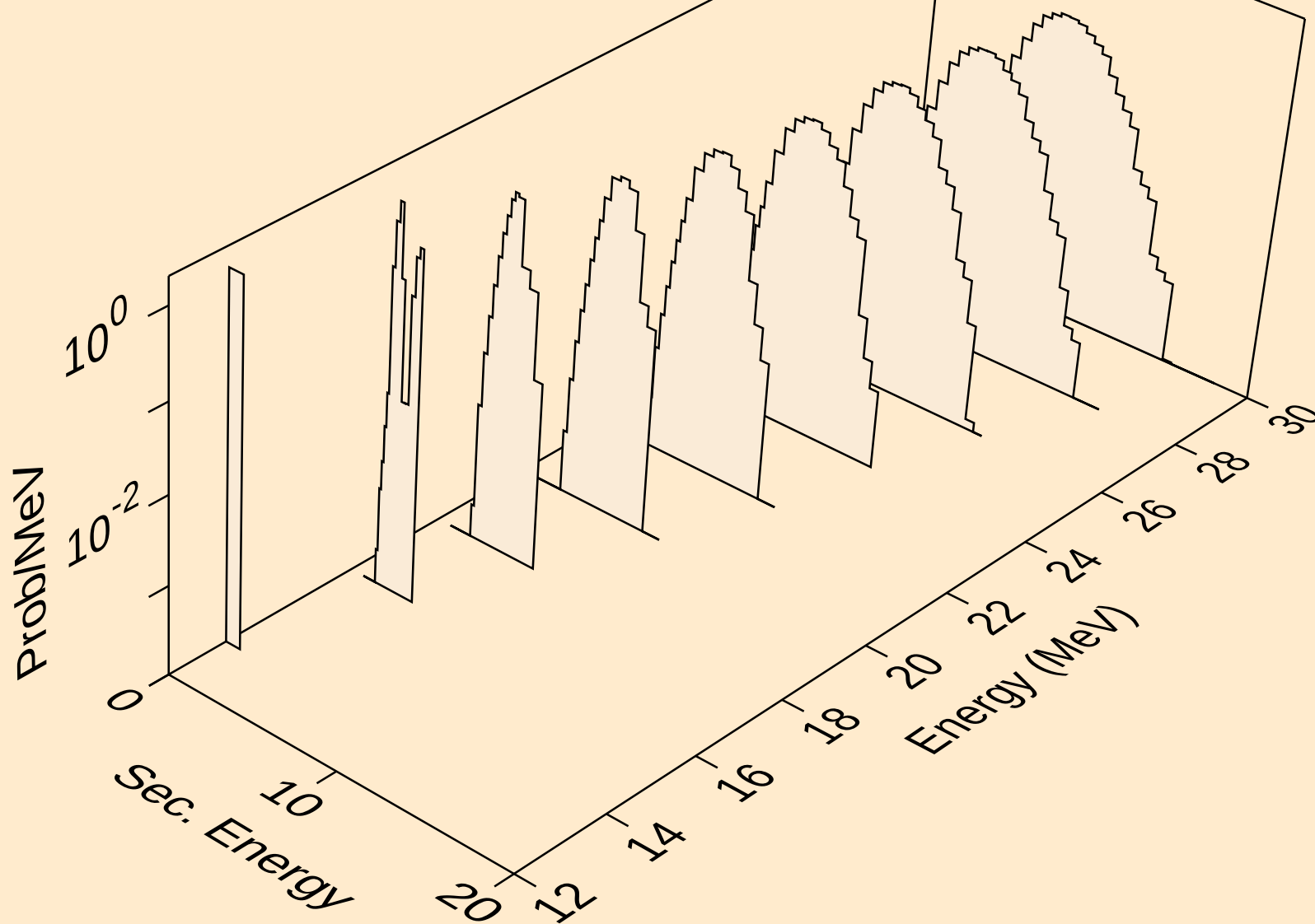
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



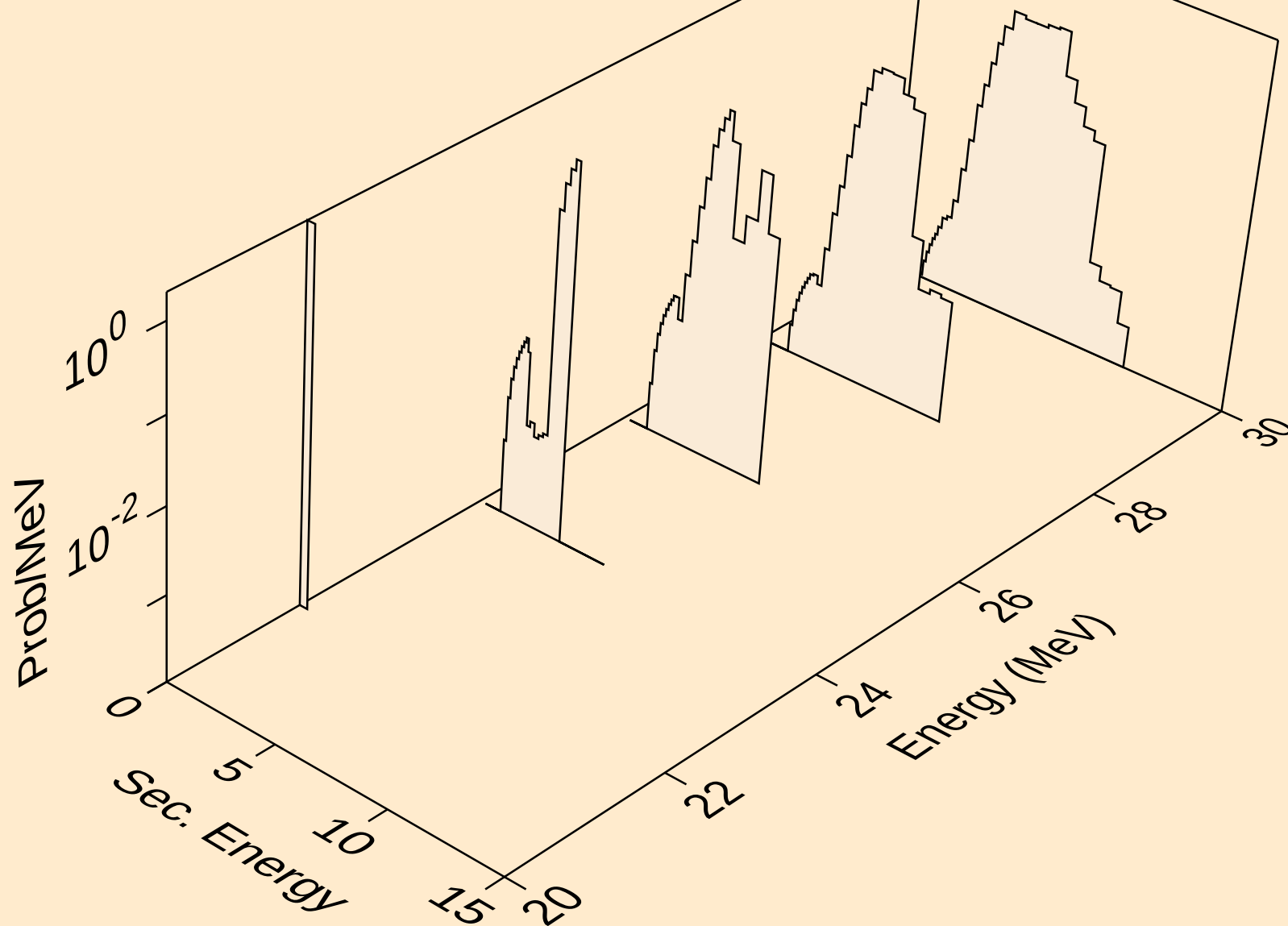
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



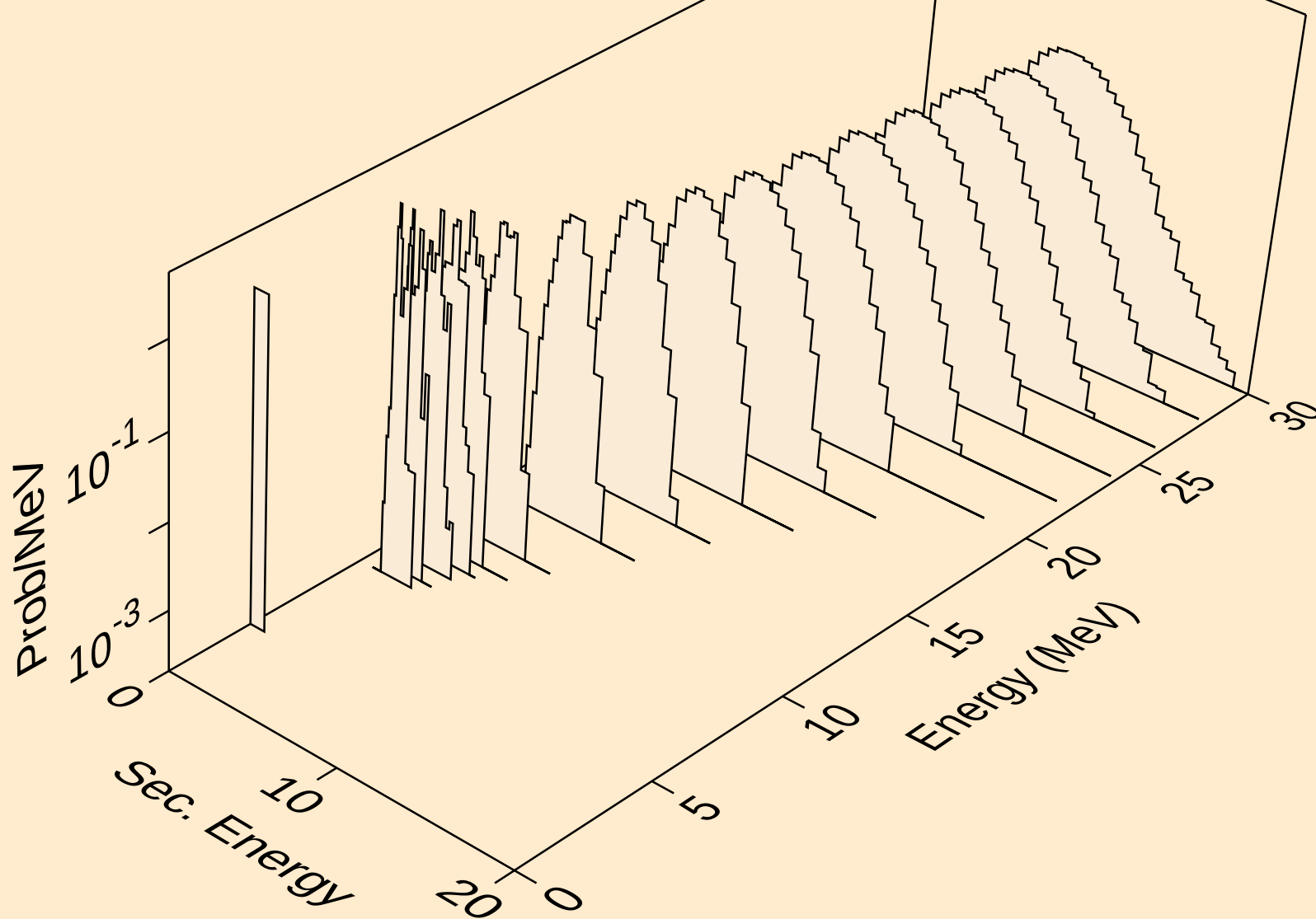
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



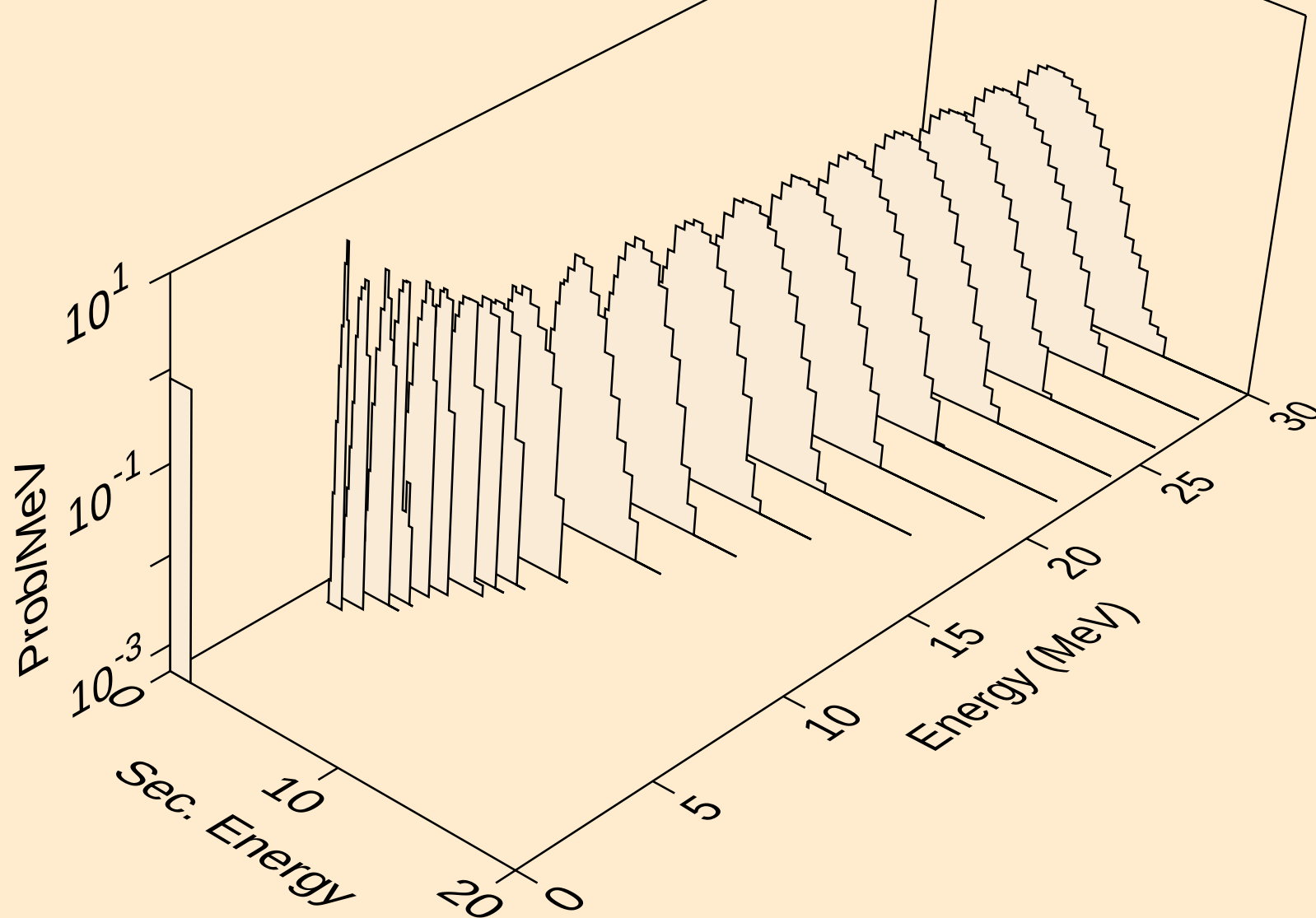
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



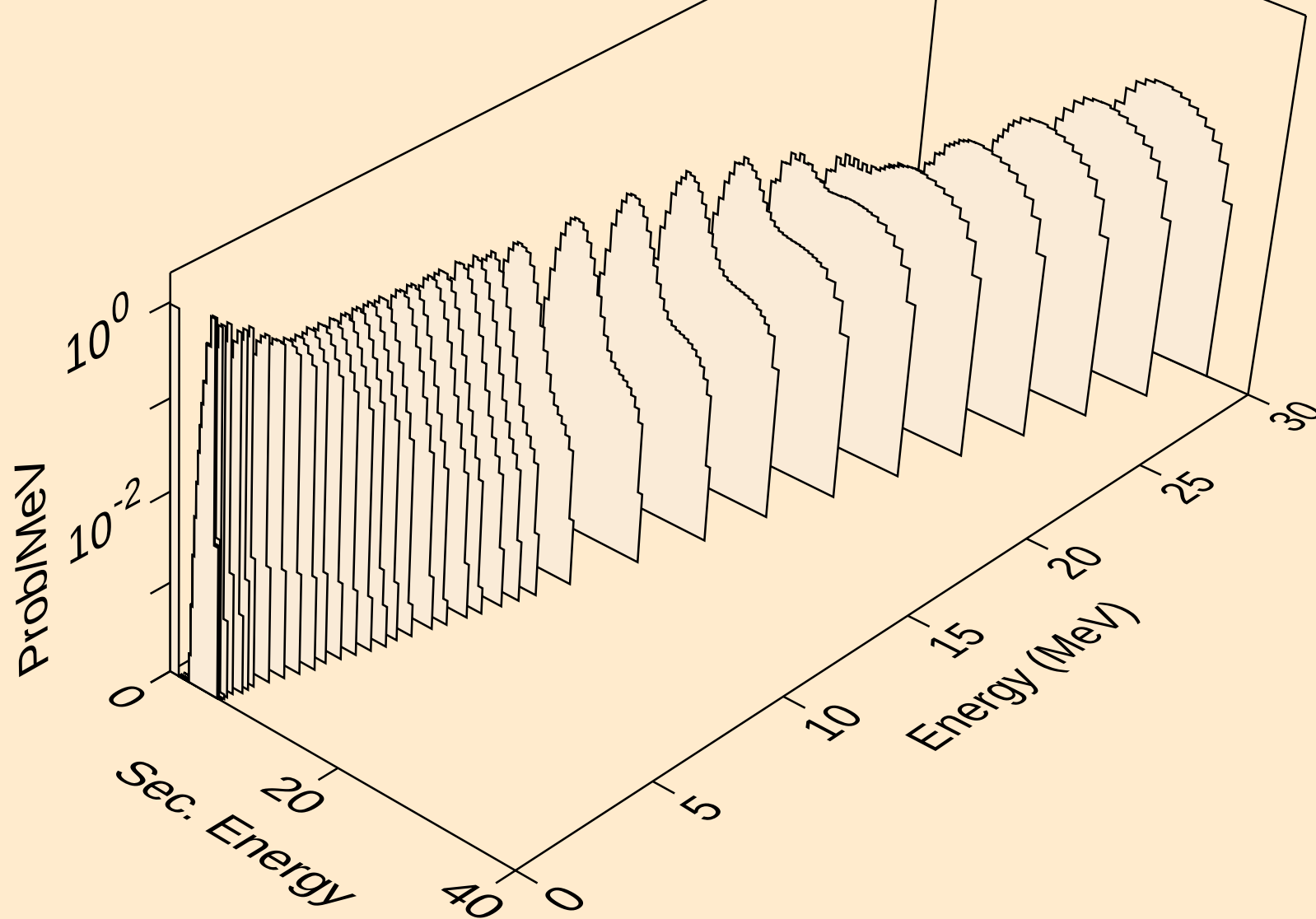
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,npa)

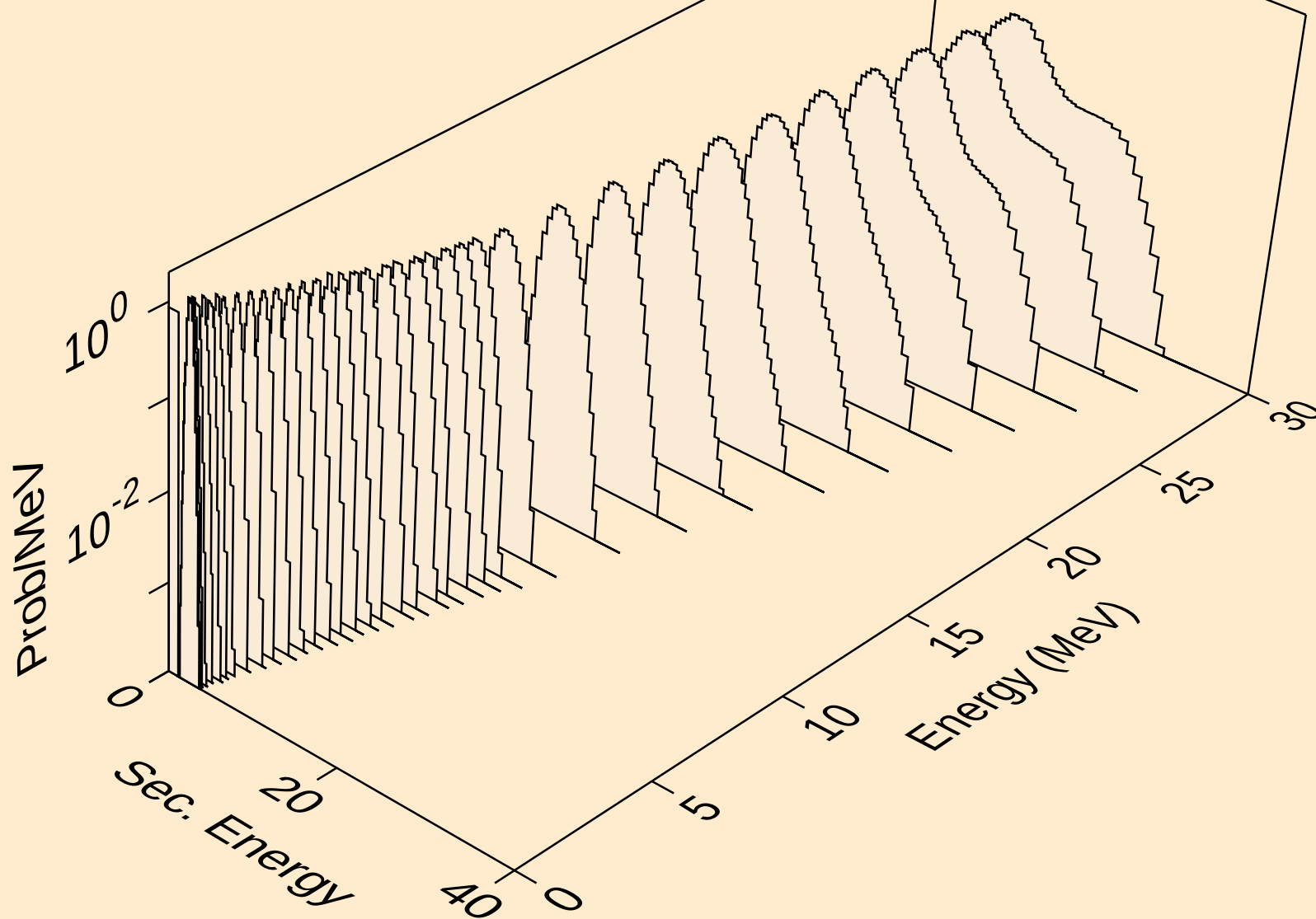


PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)

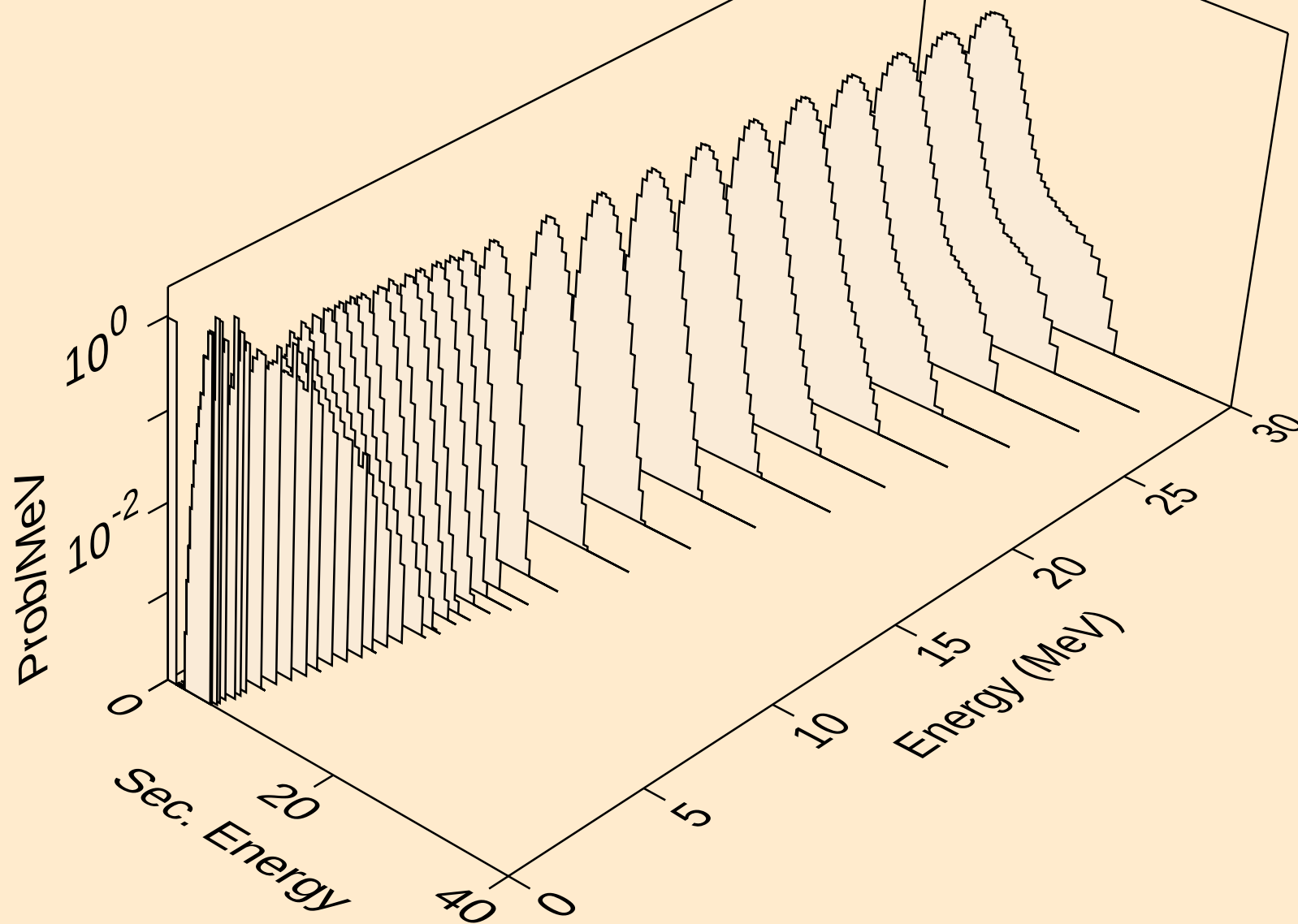




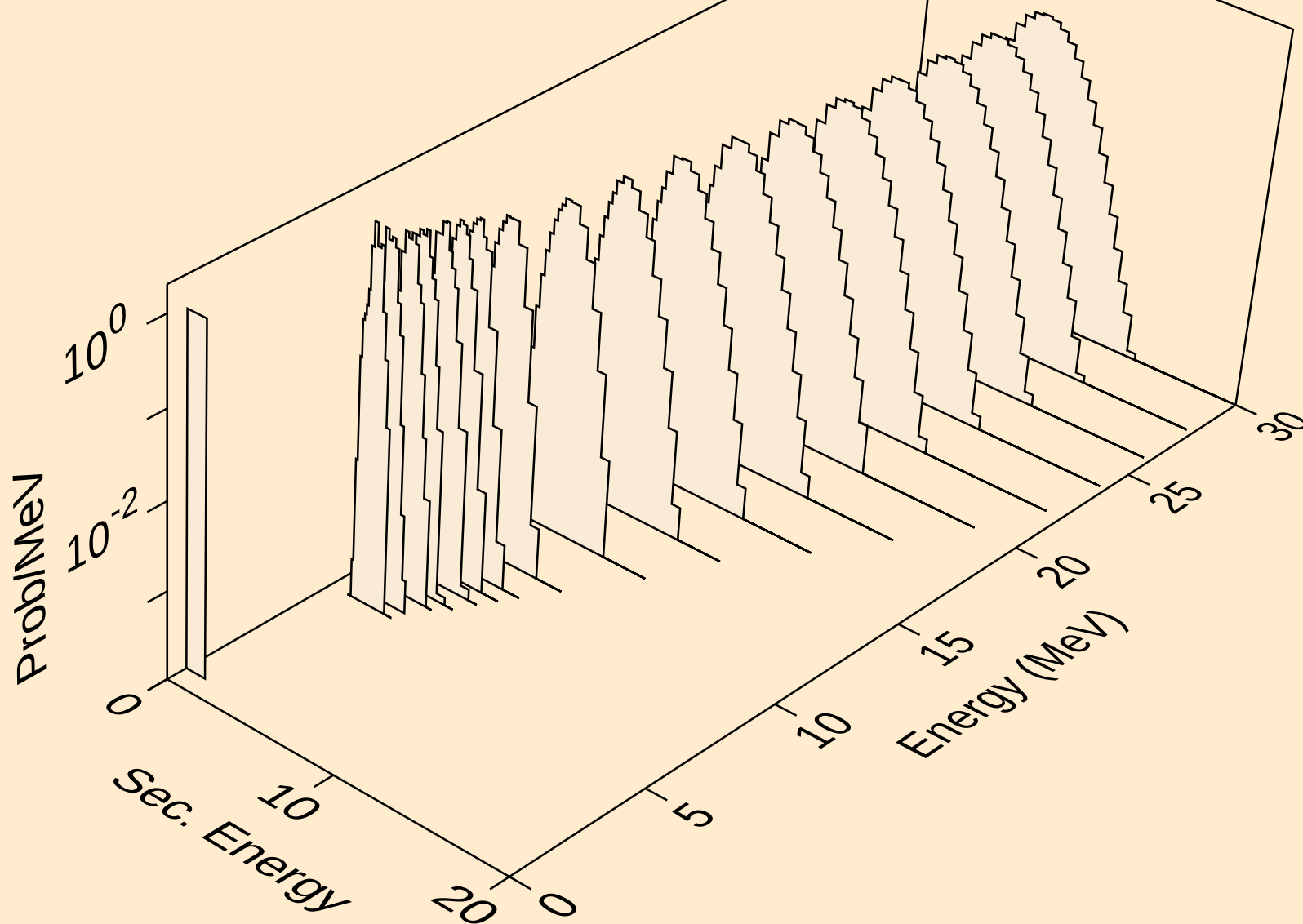
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)



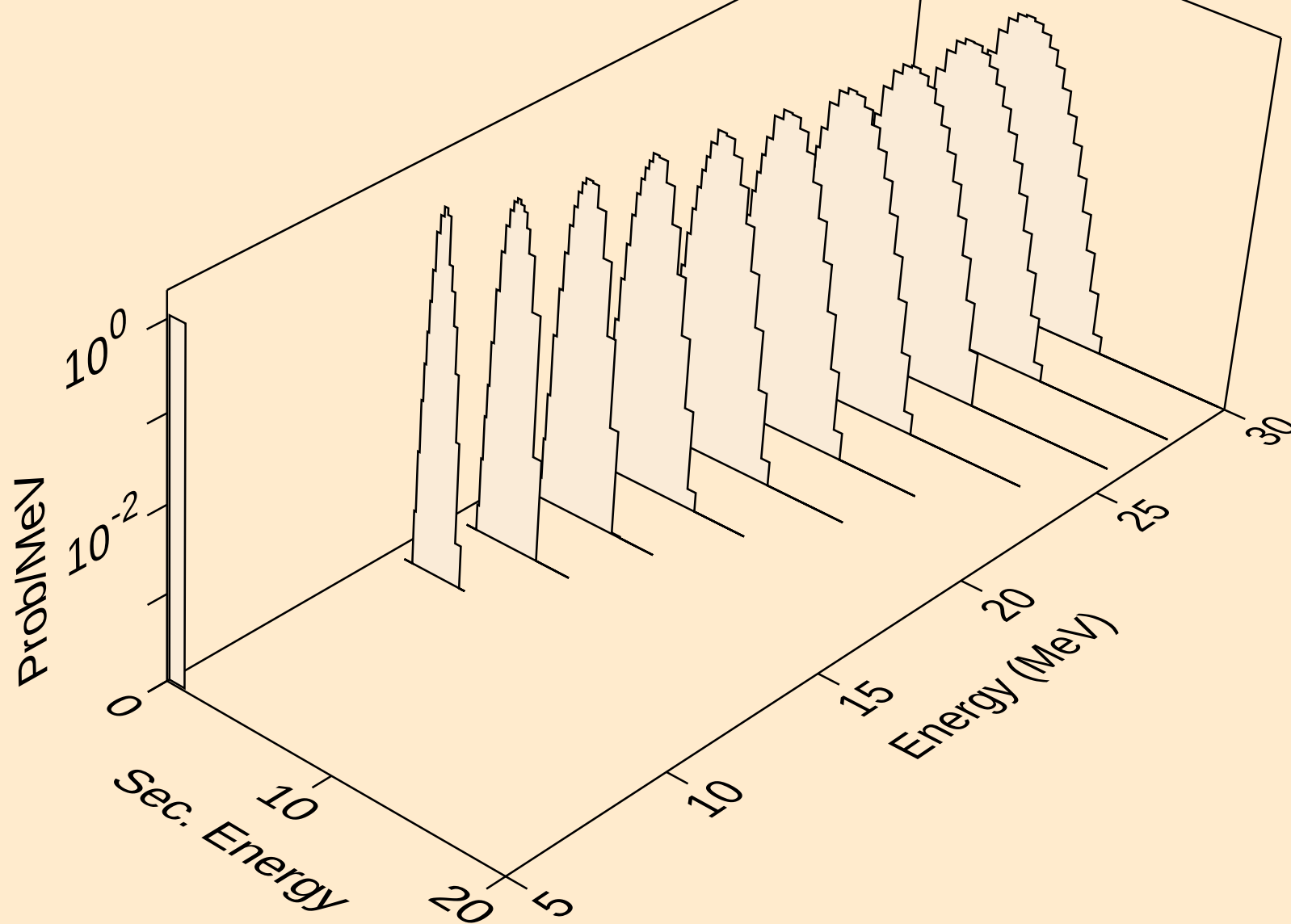
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



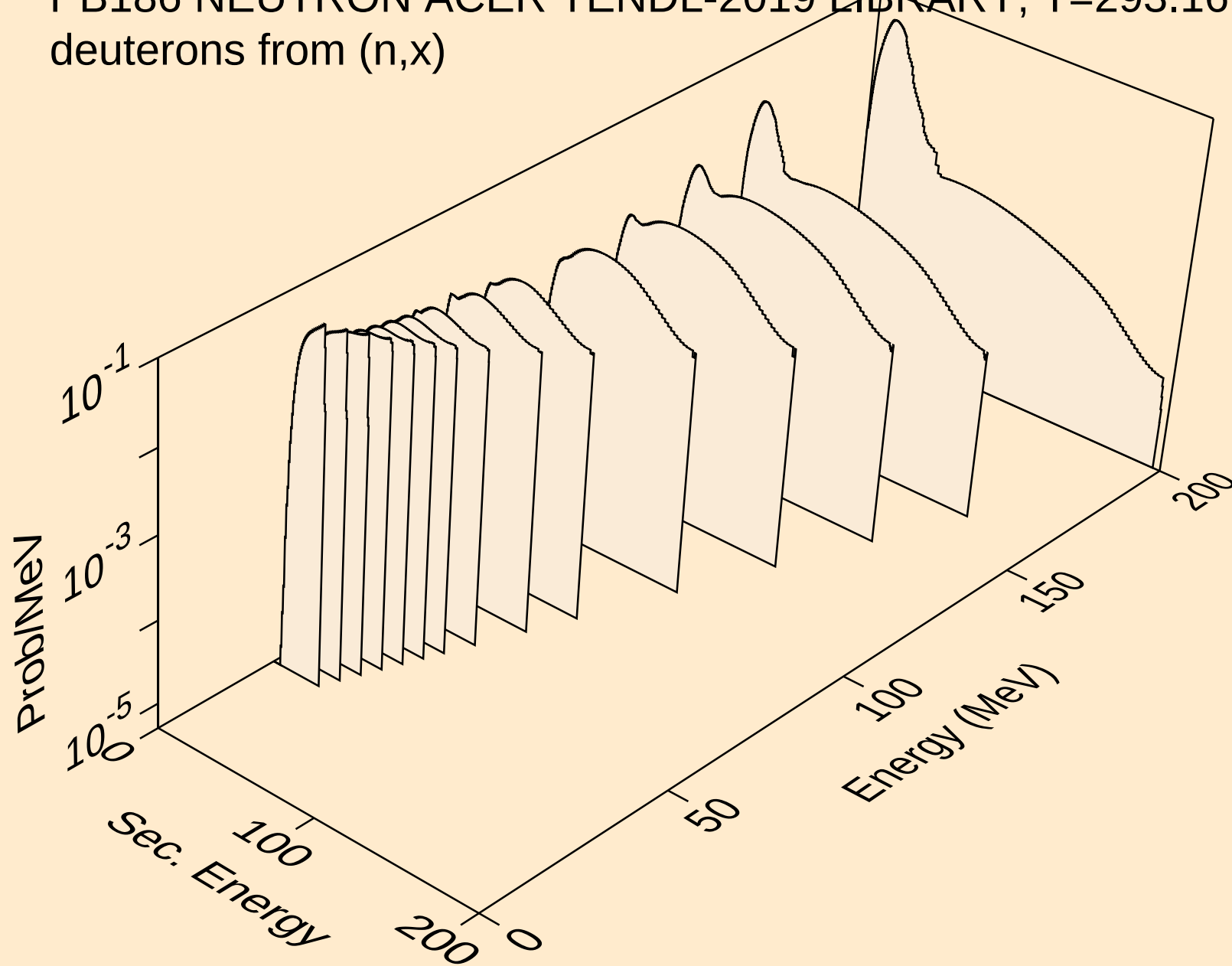
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pd)



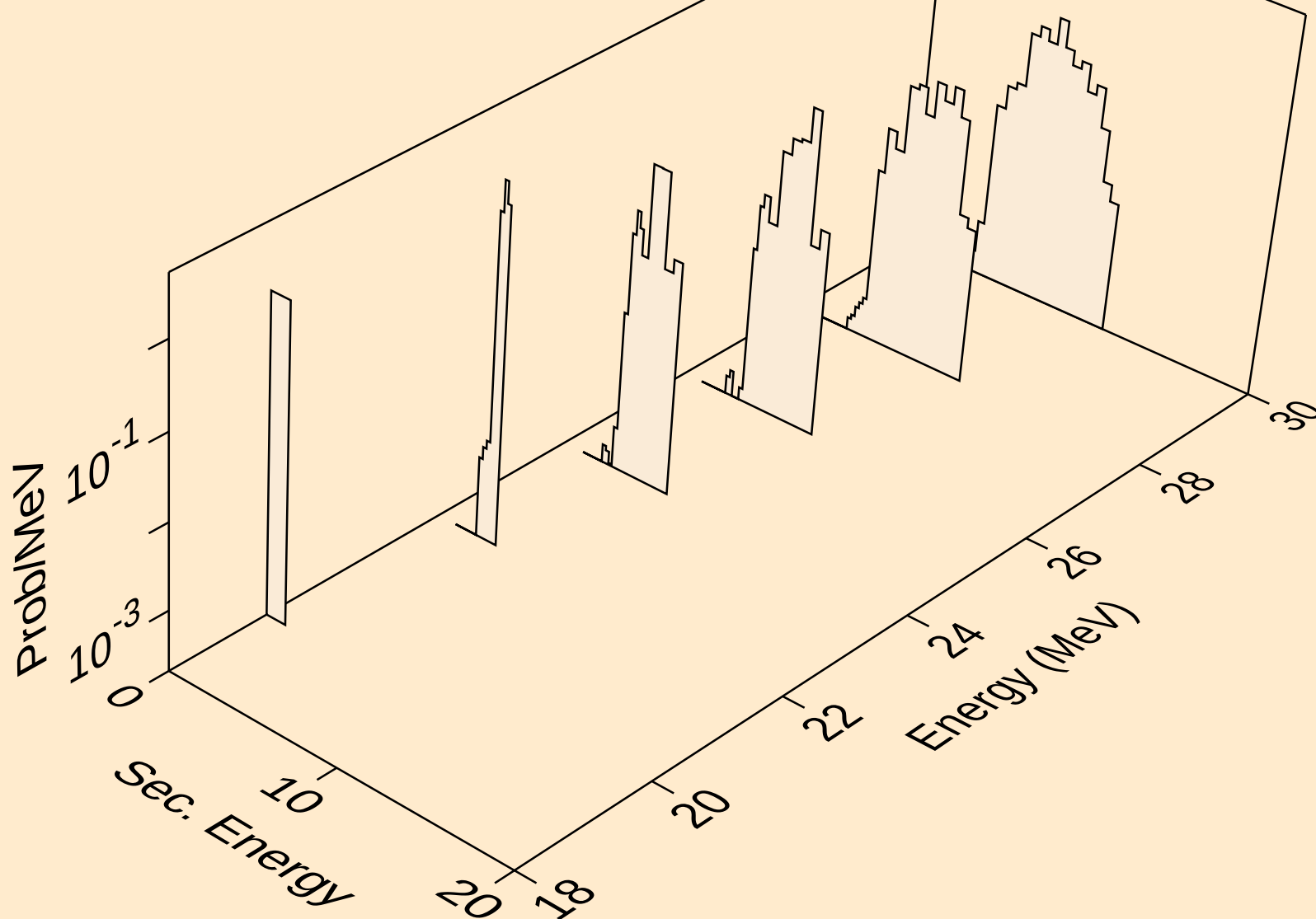
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)



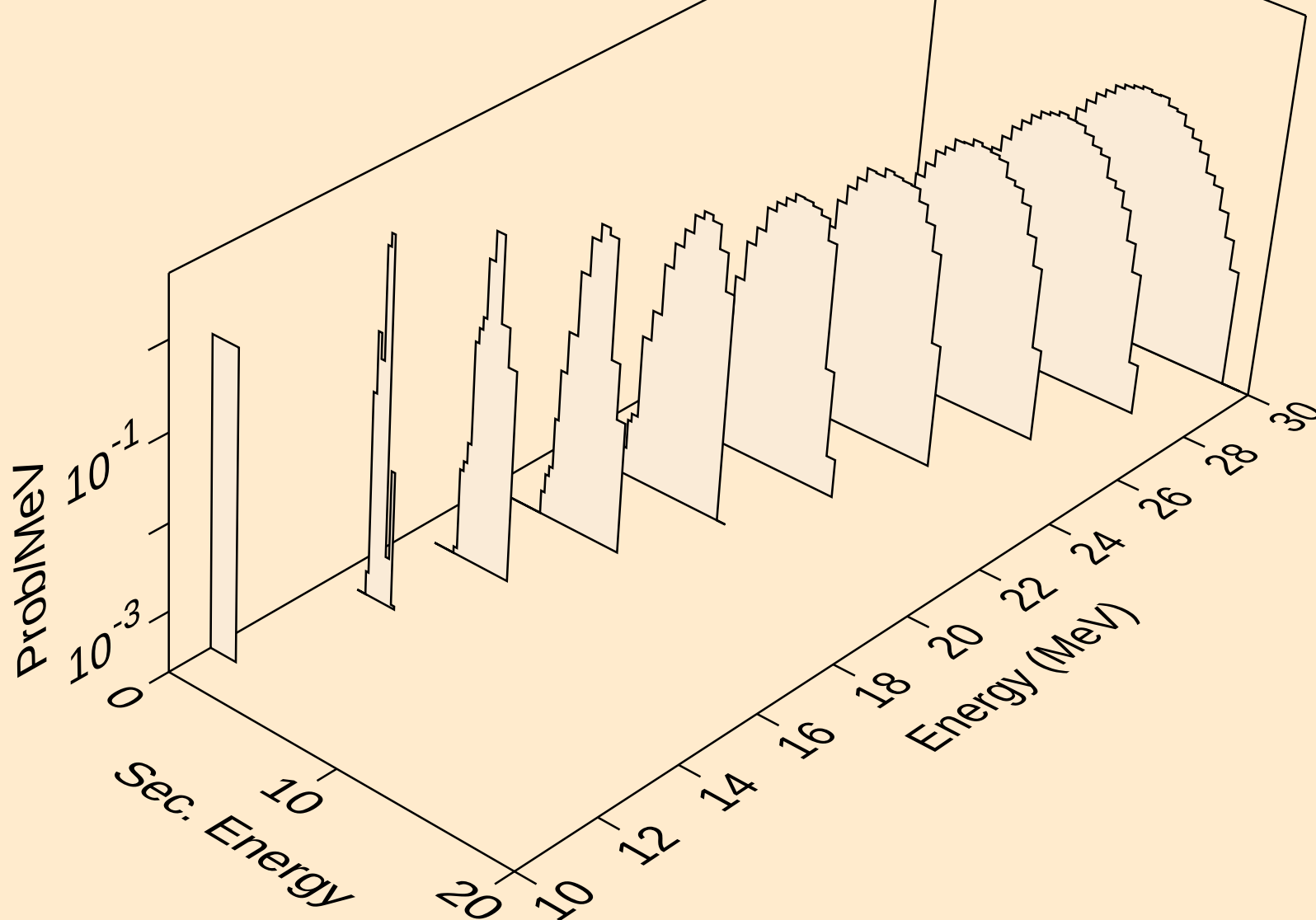
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



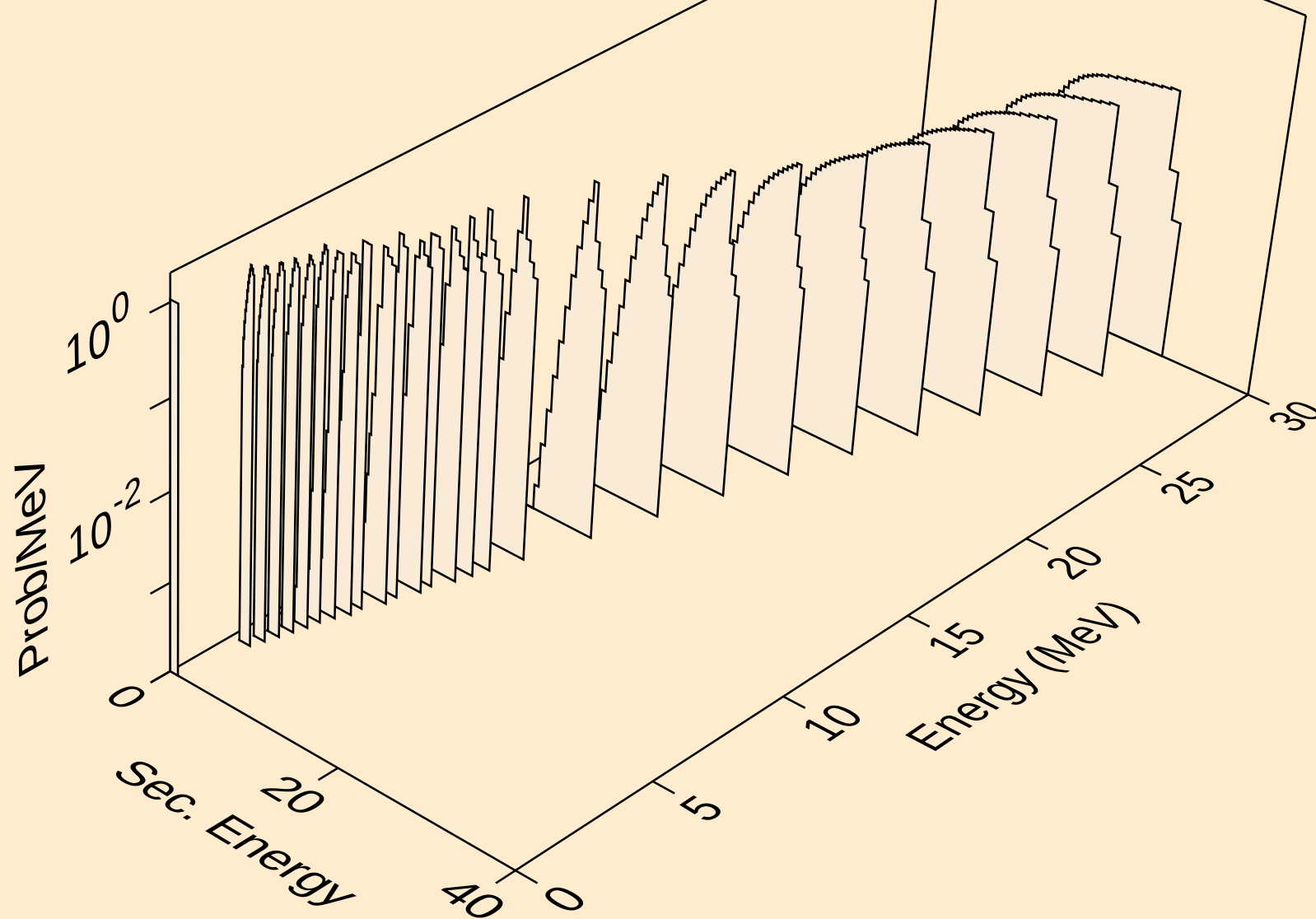
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d

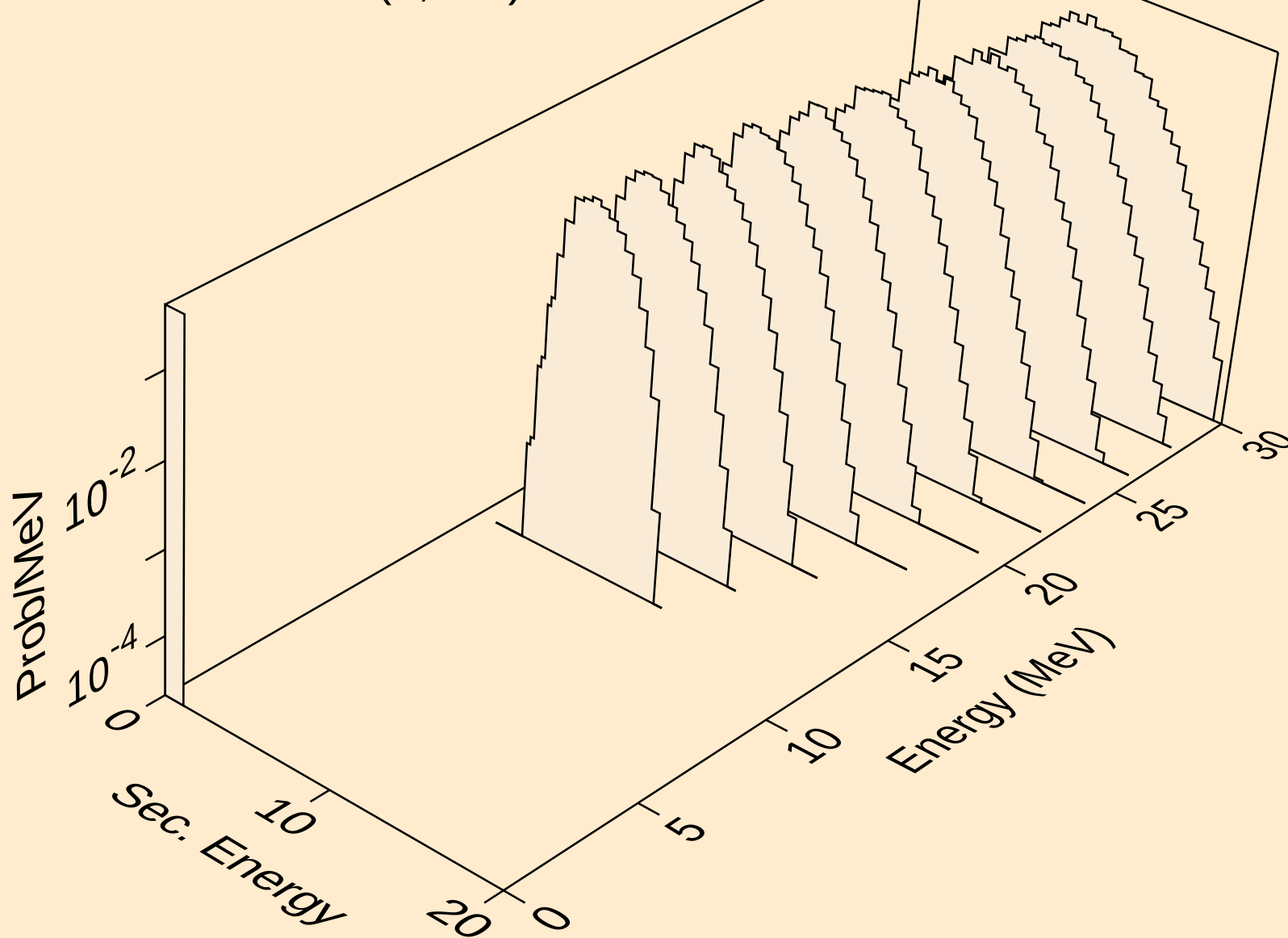


PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)

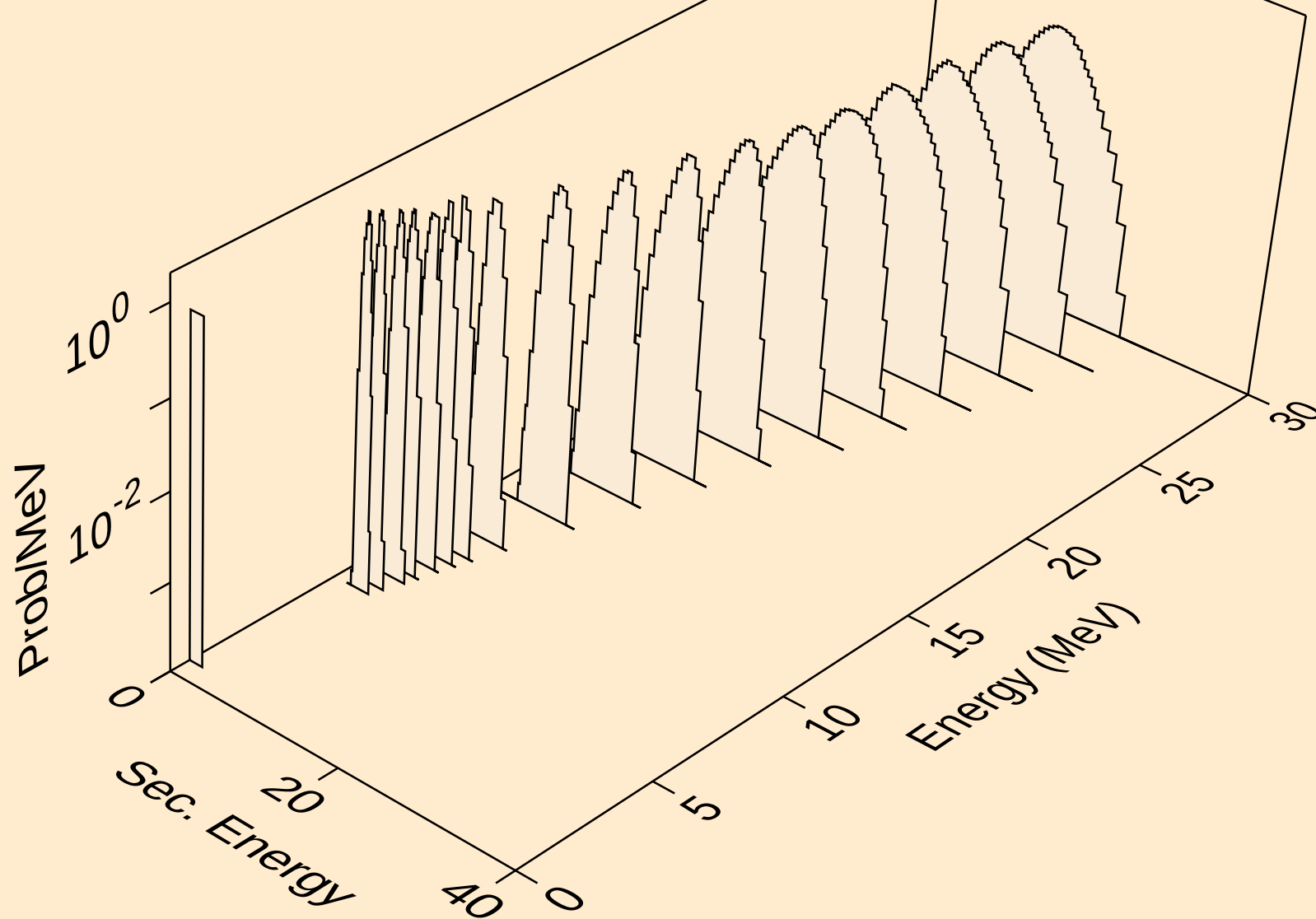




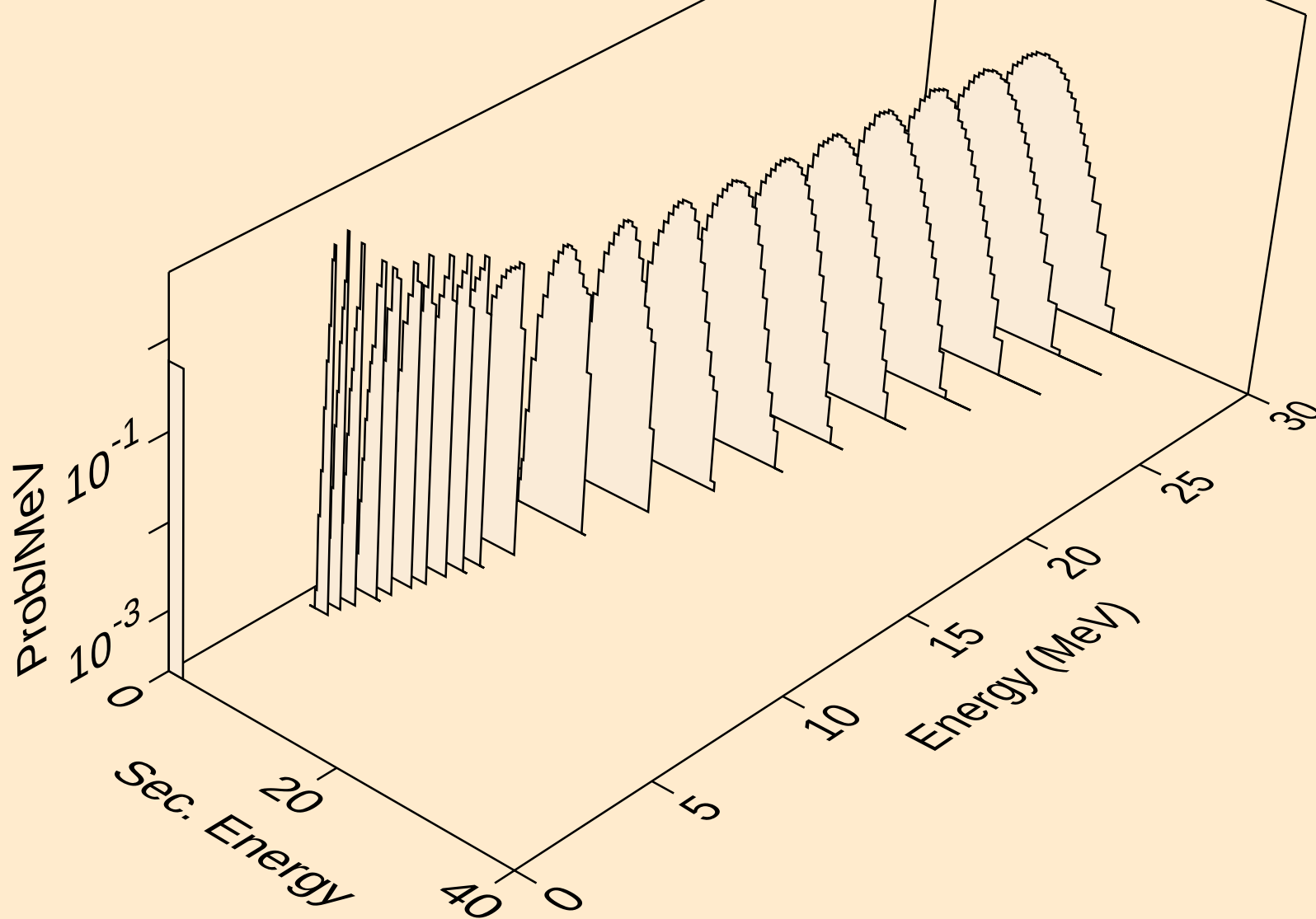
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deuterons from (n,d2a)



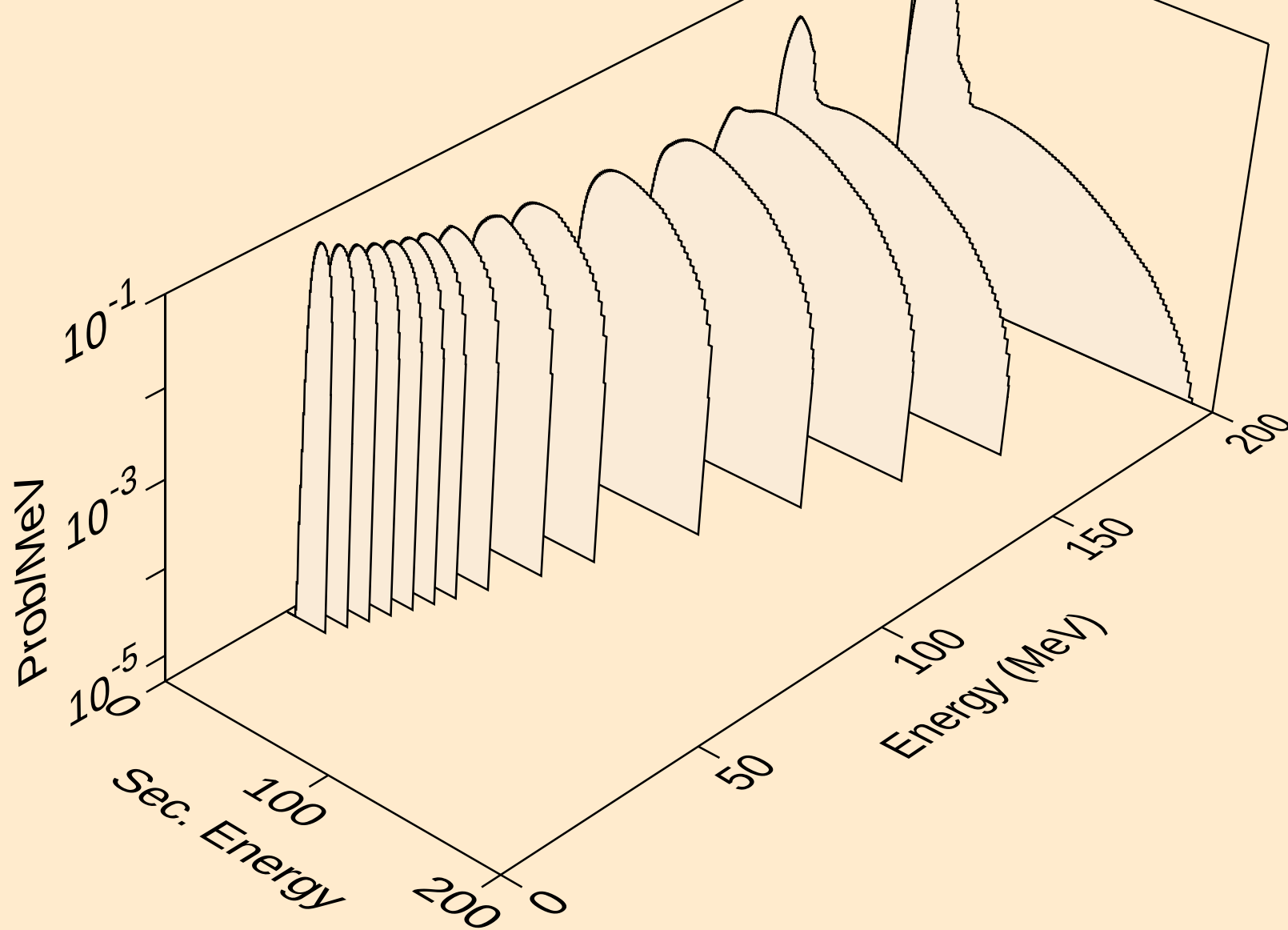
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,pd)



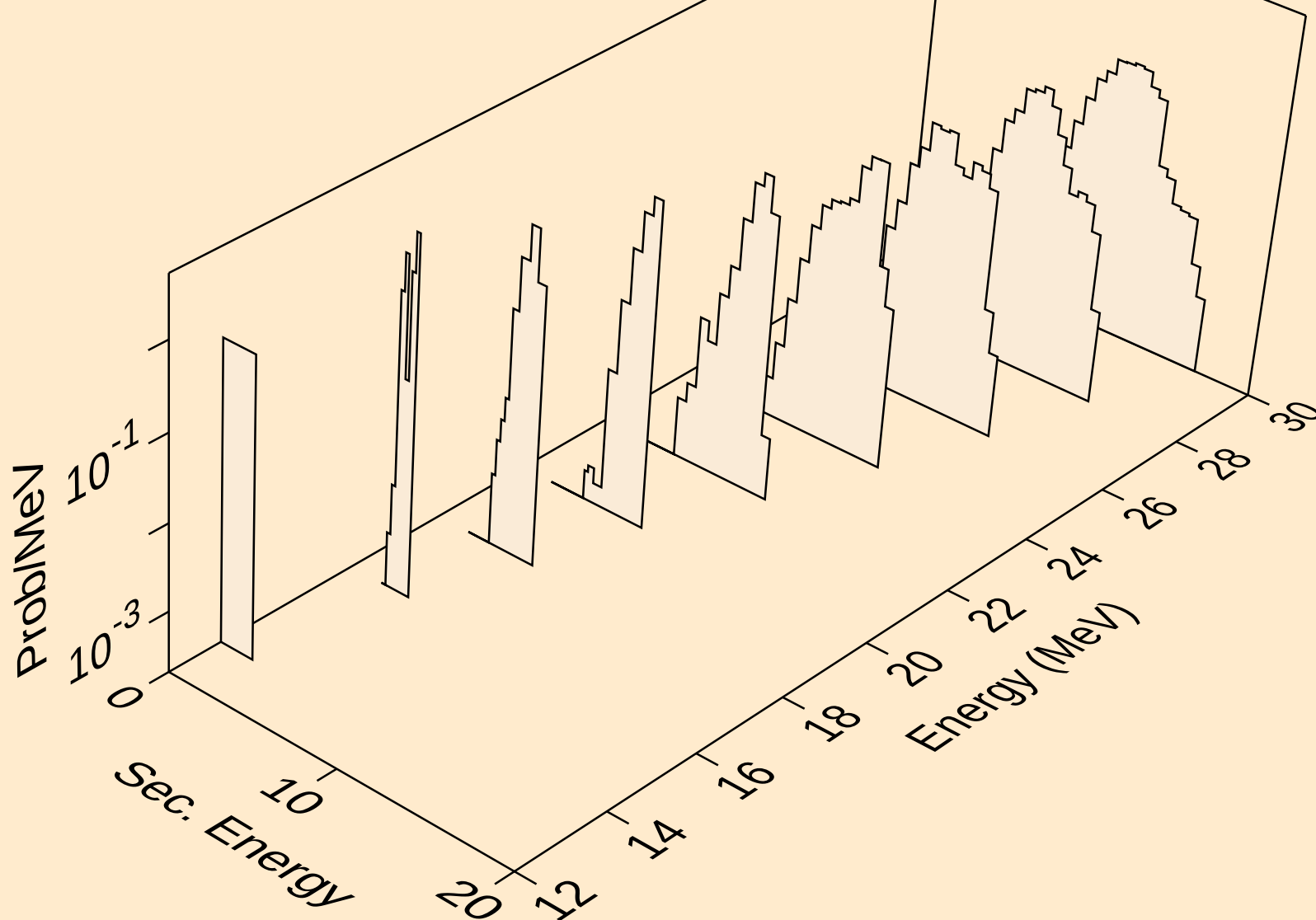
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deuterons from (n,da)



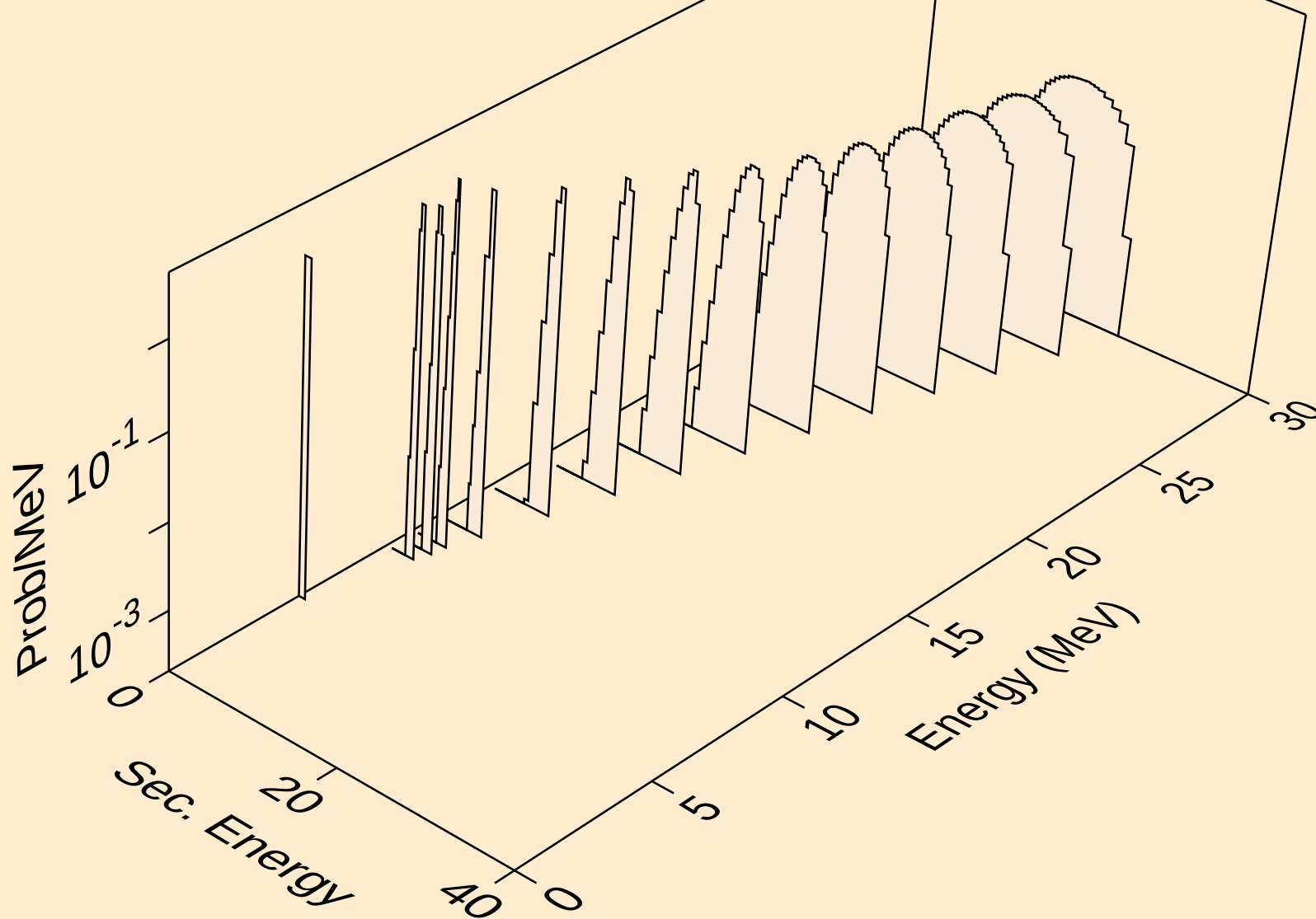
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tritons from (n,x)



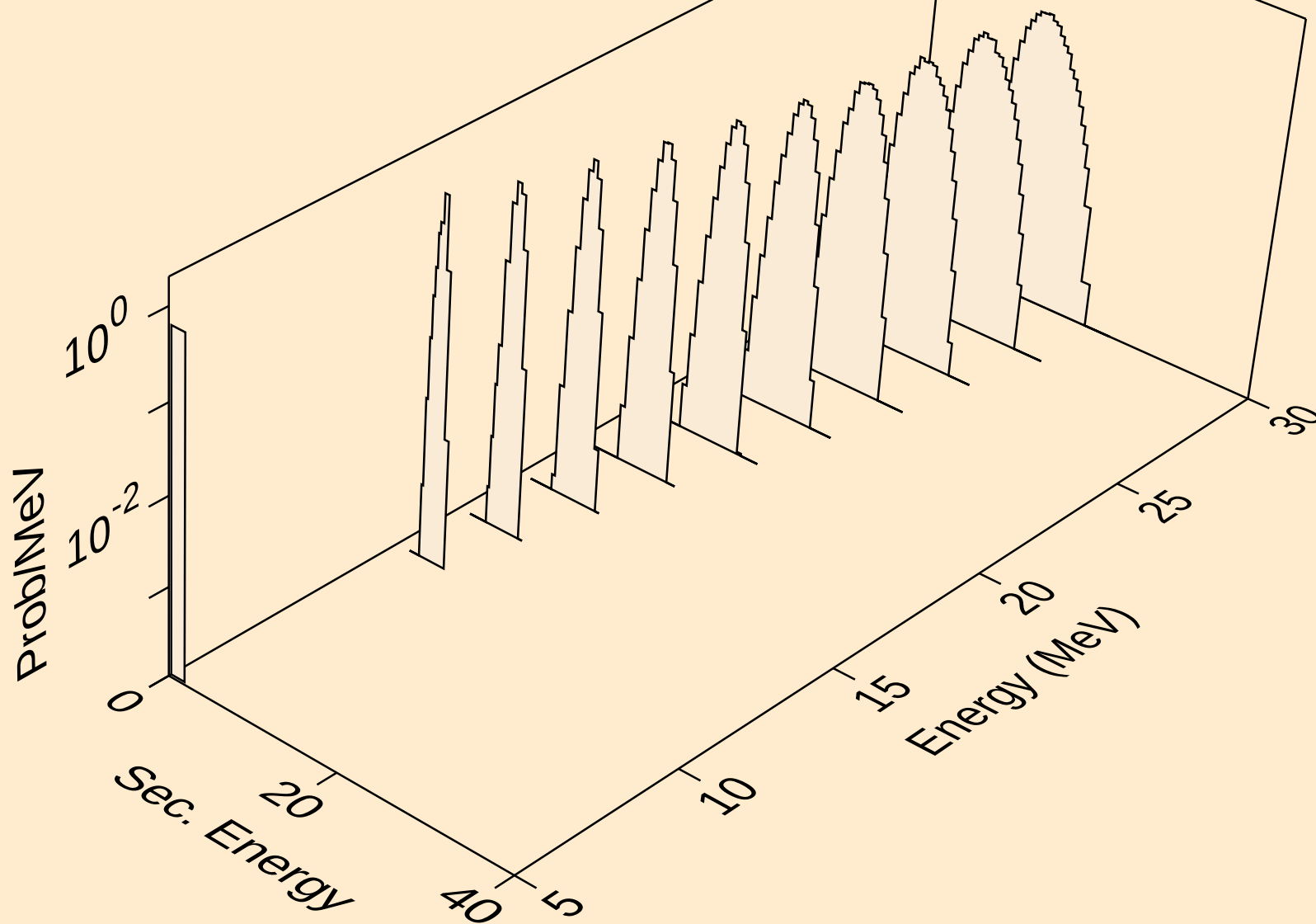
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



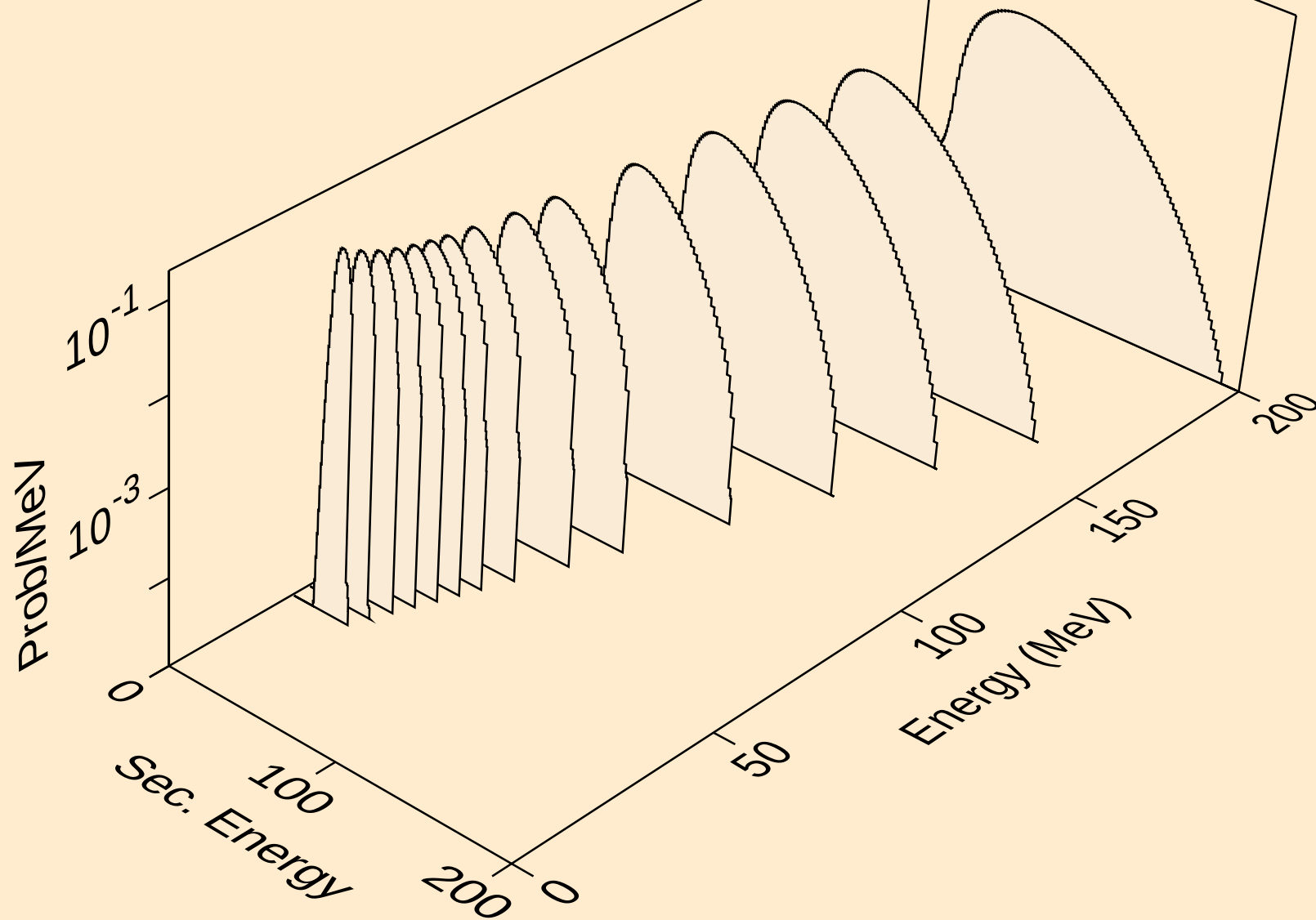
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)



PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,pt)

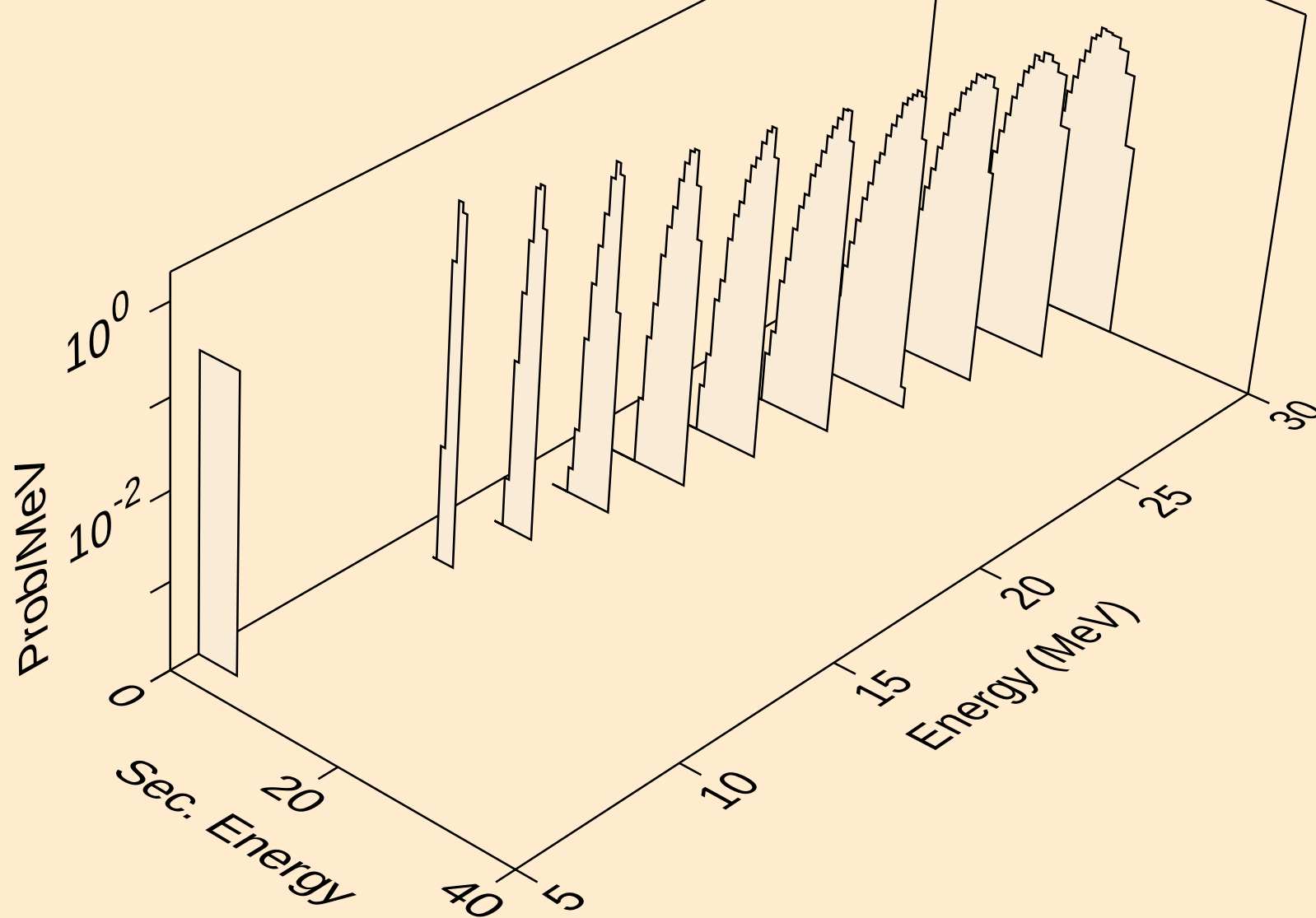


PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)

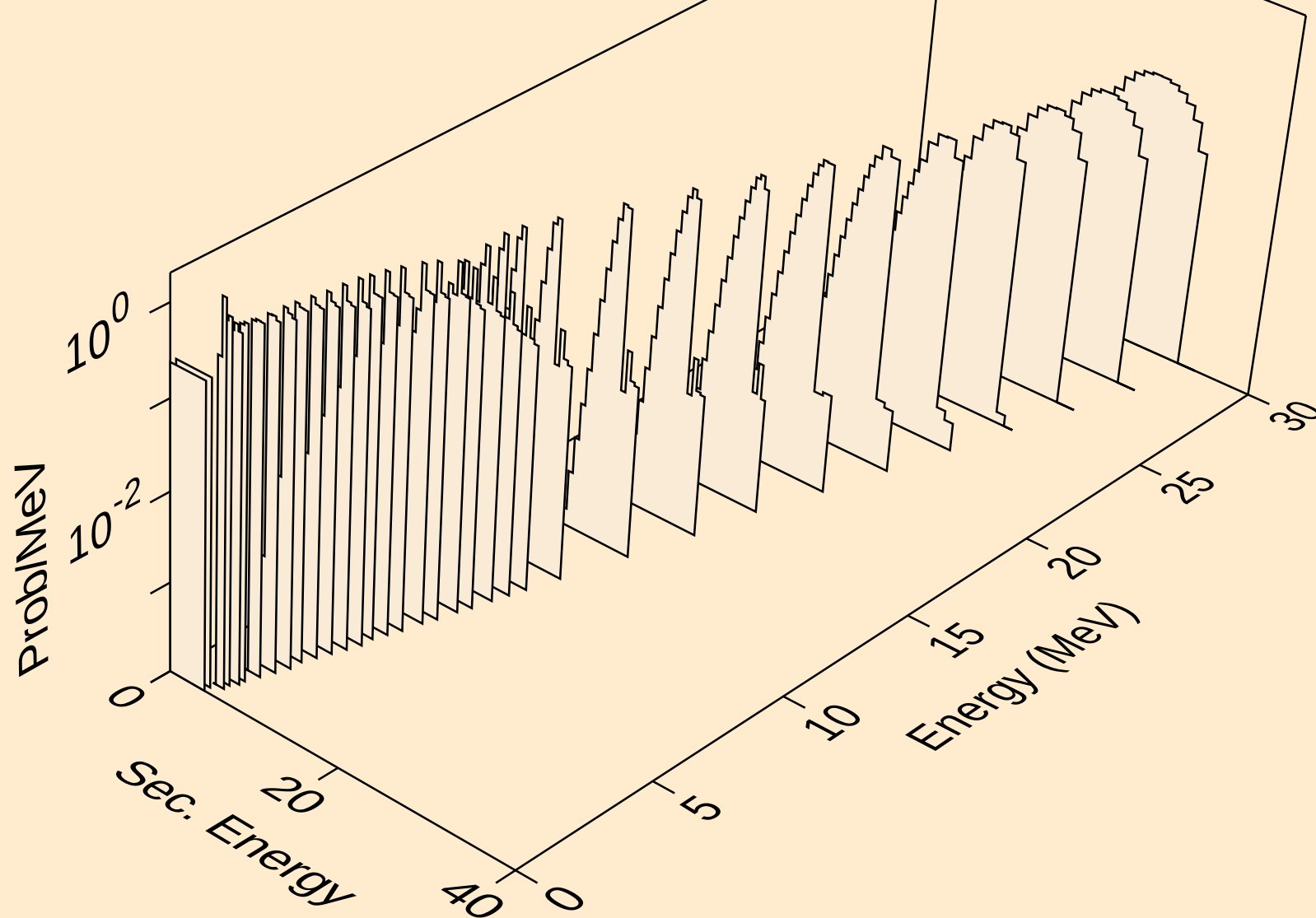




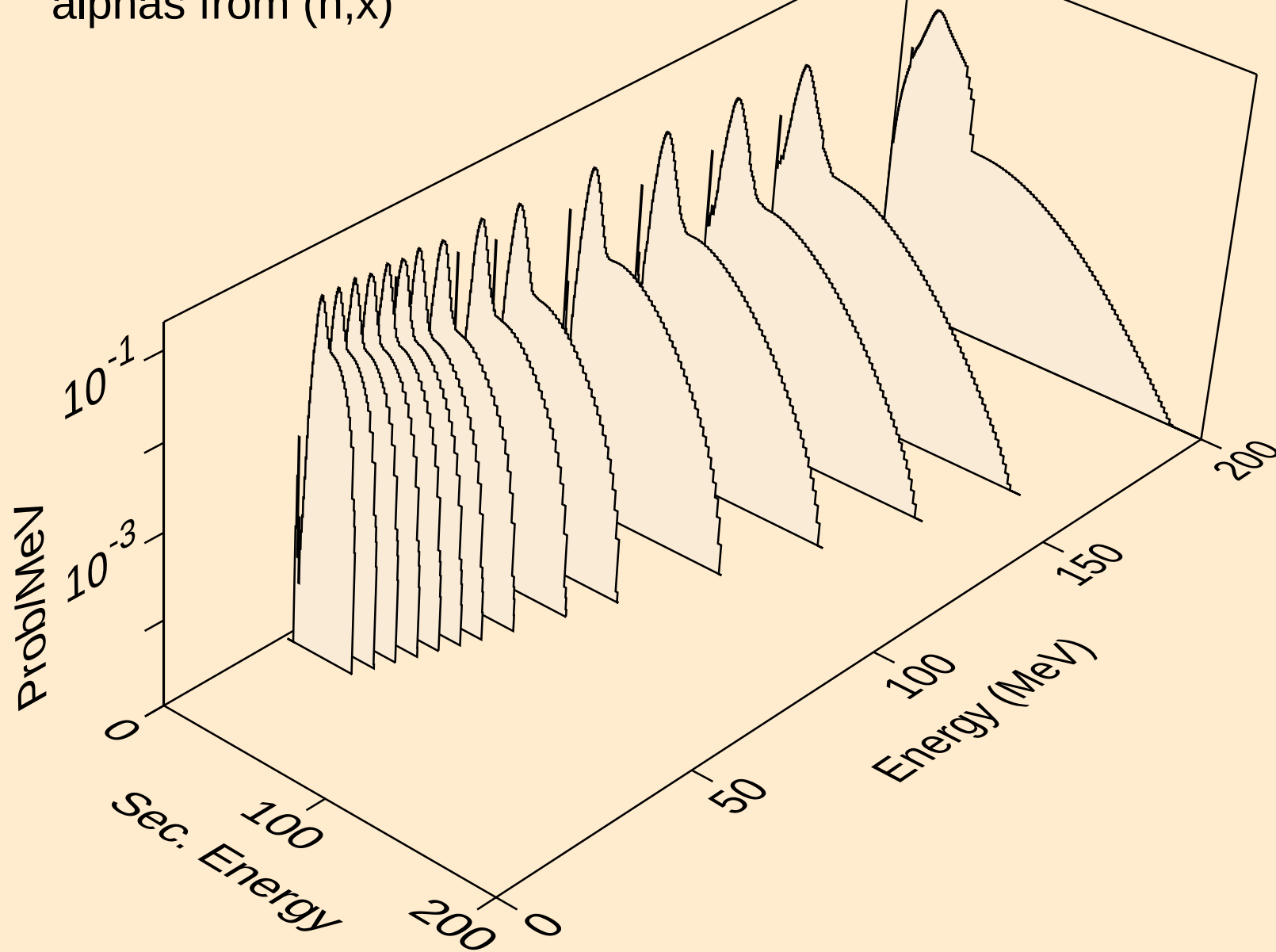
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



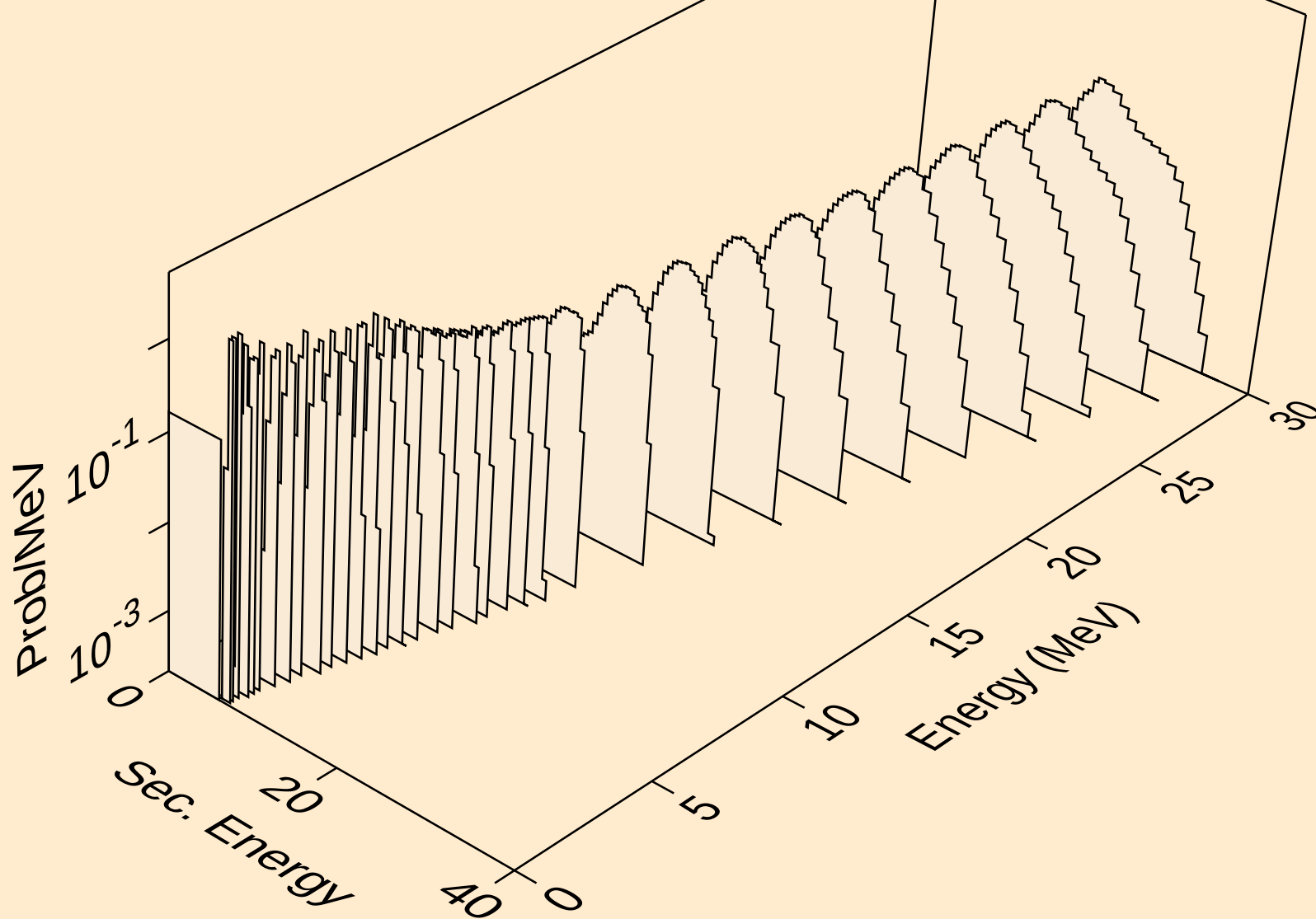
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



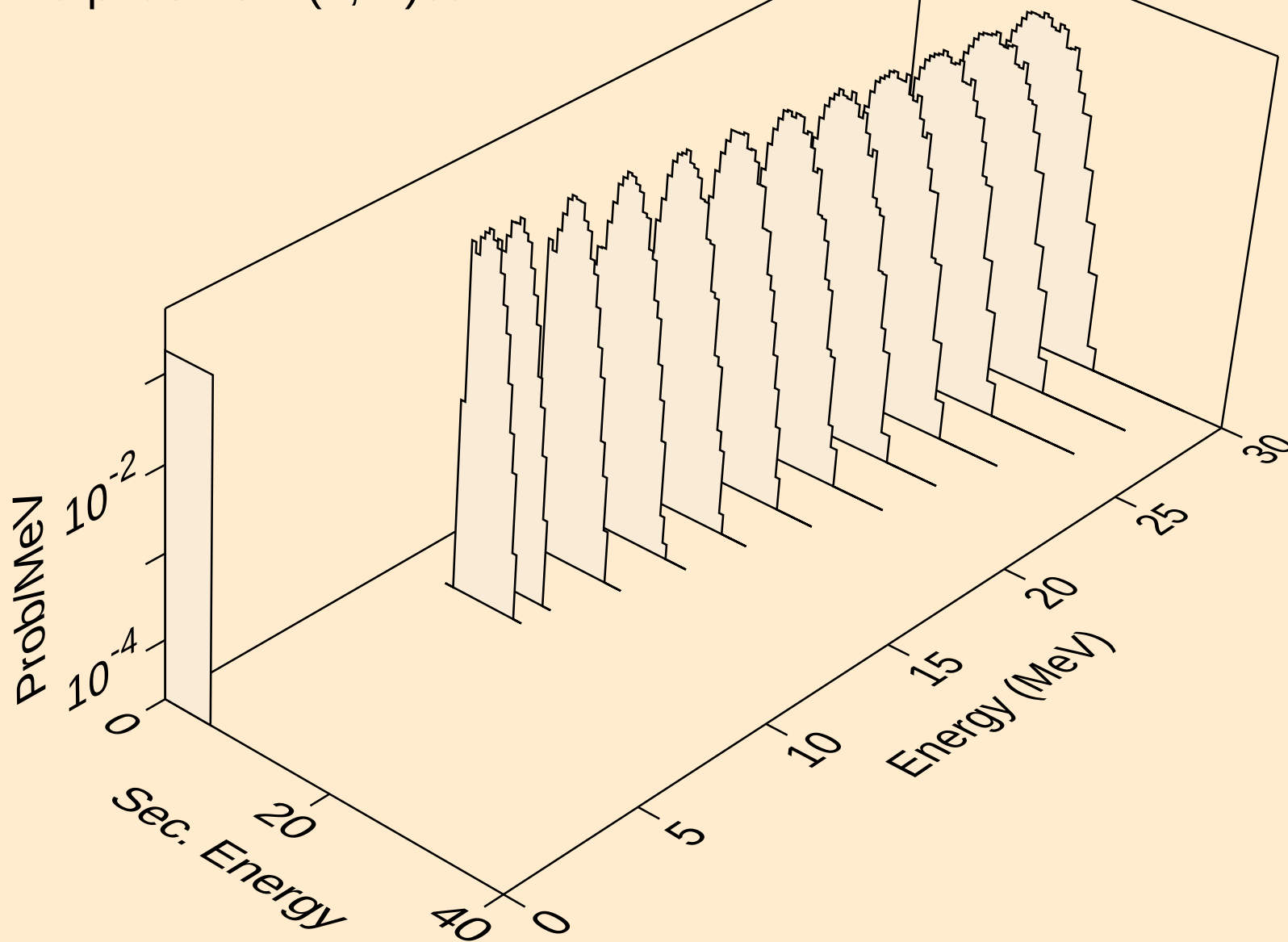
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



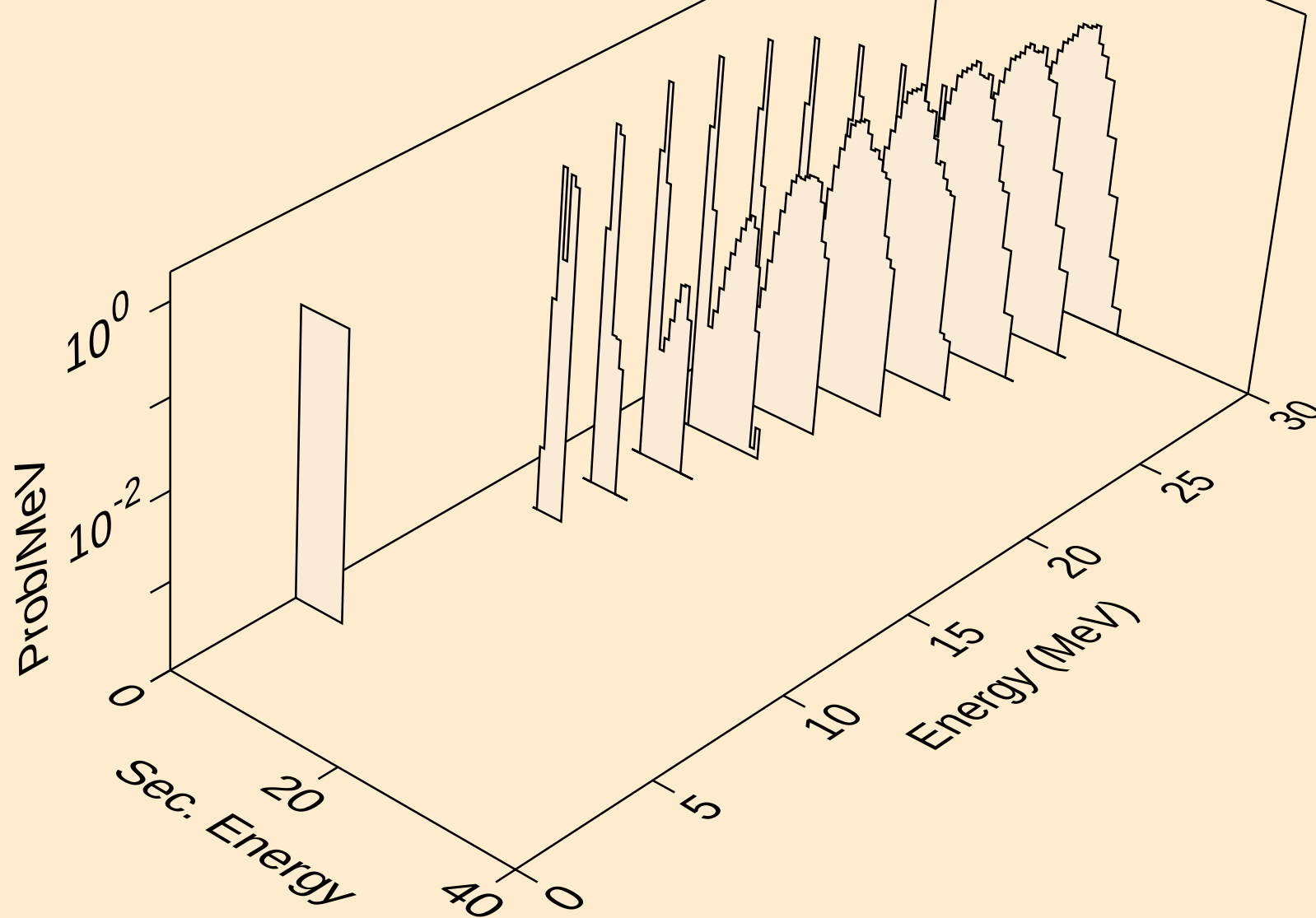
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



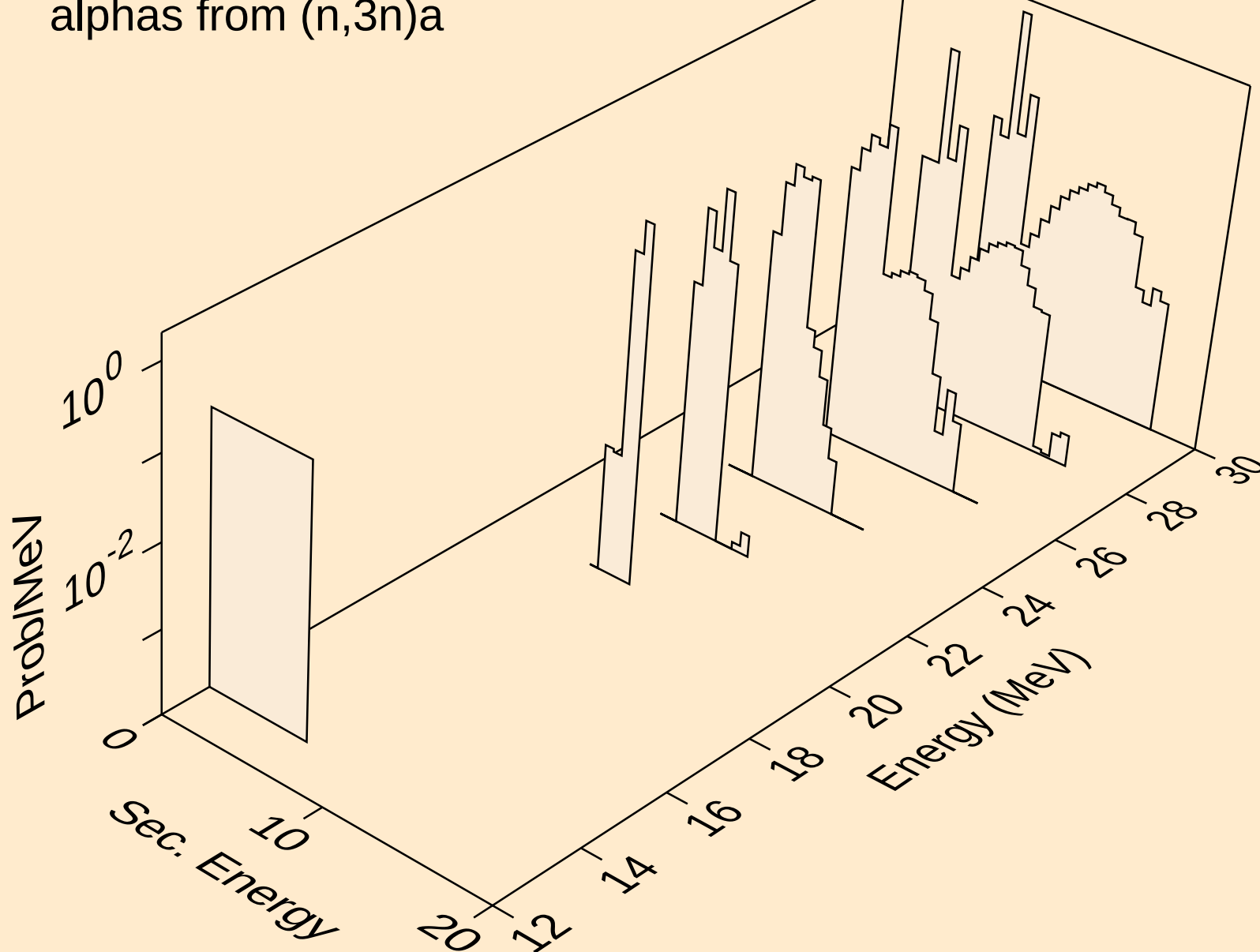
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)3a



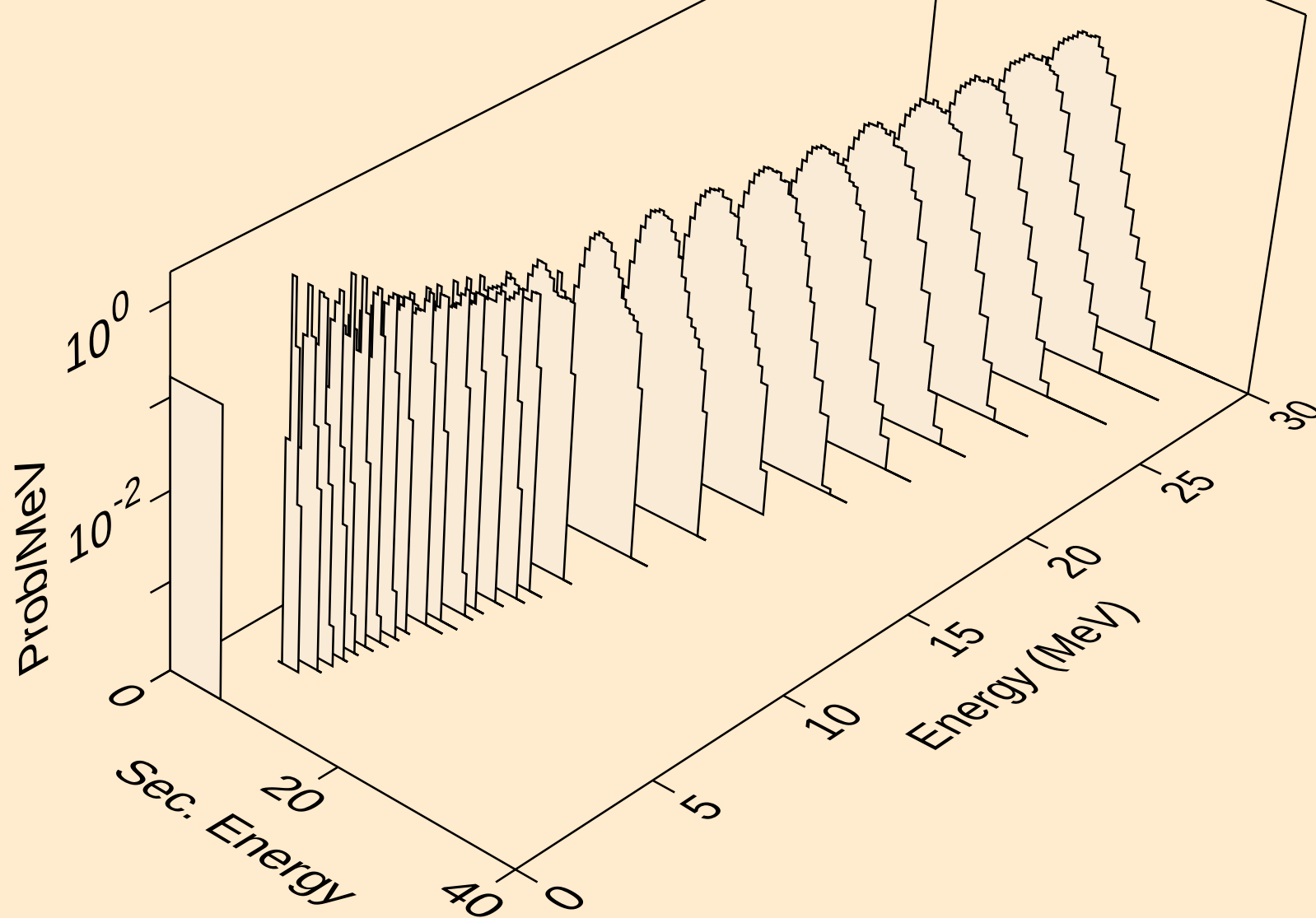
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a

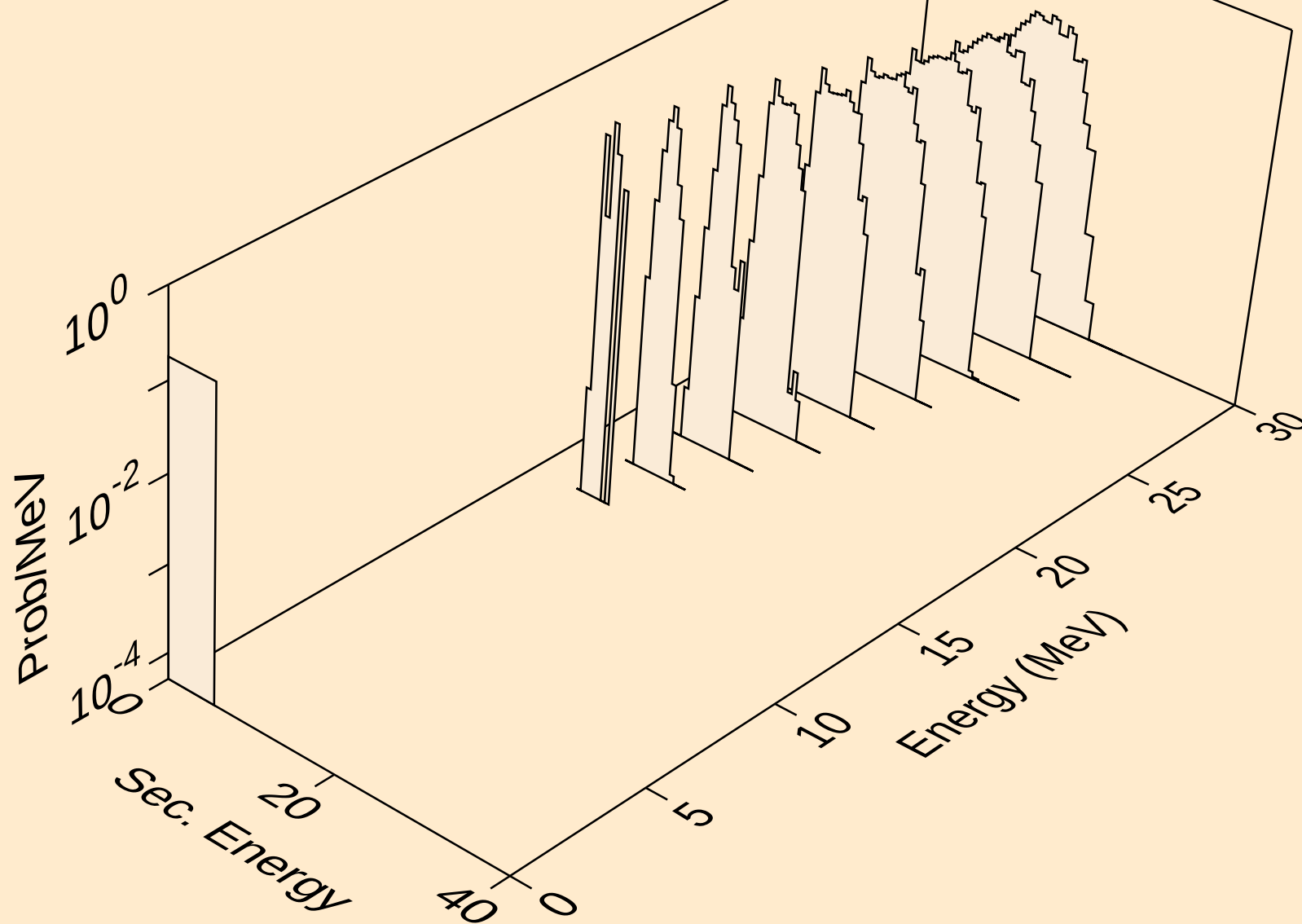


PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)2a

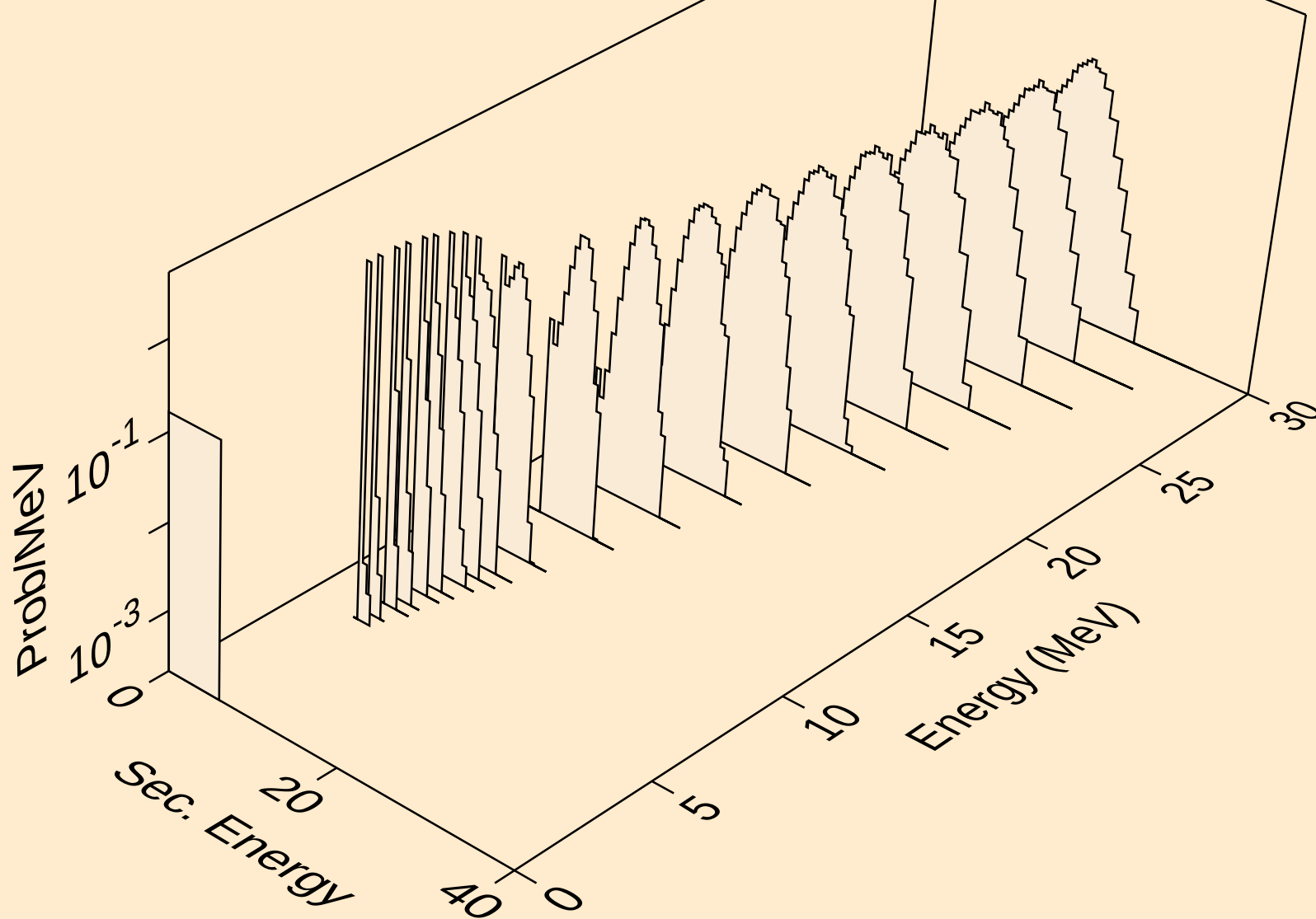




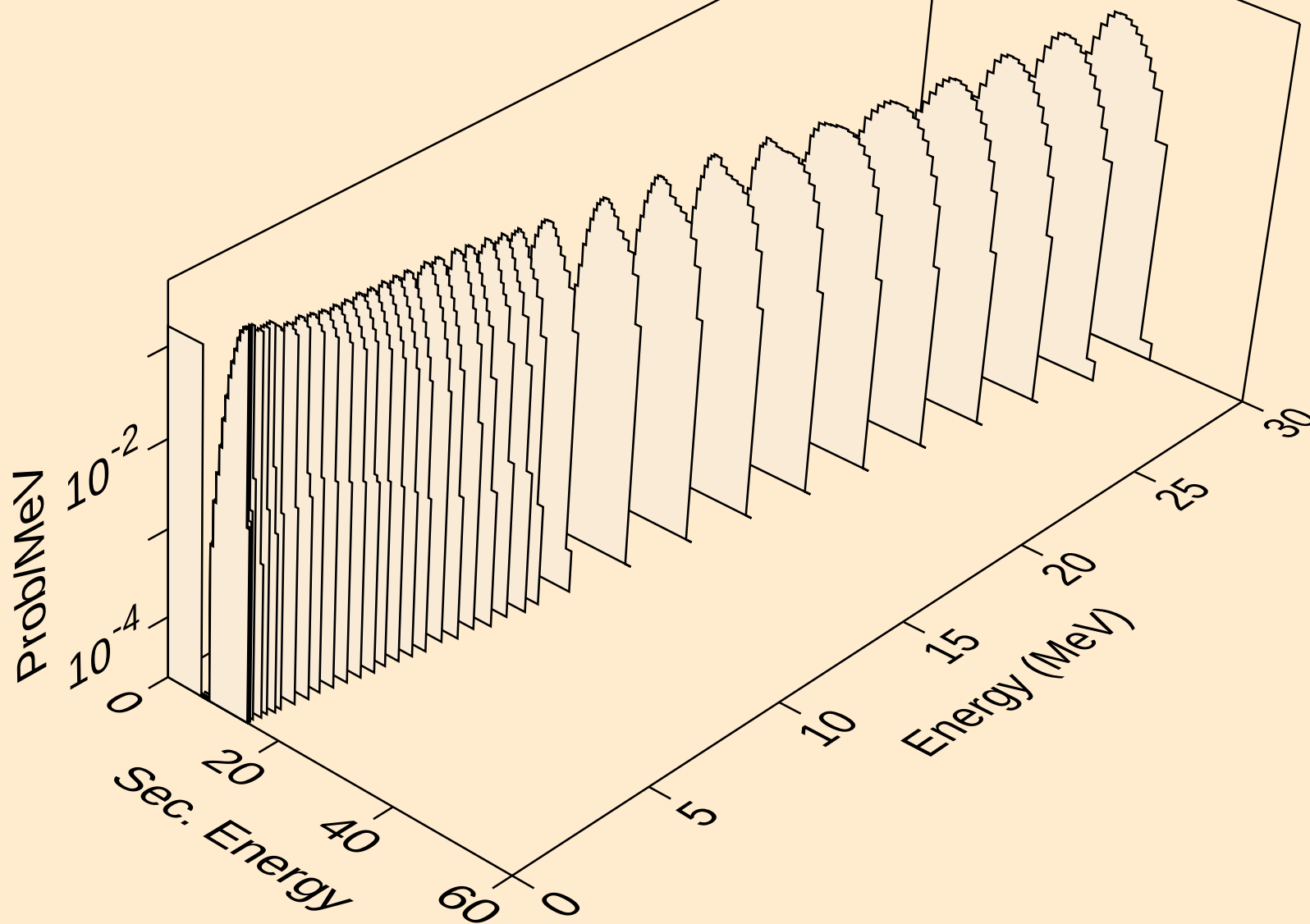
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)2a



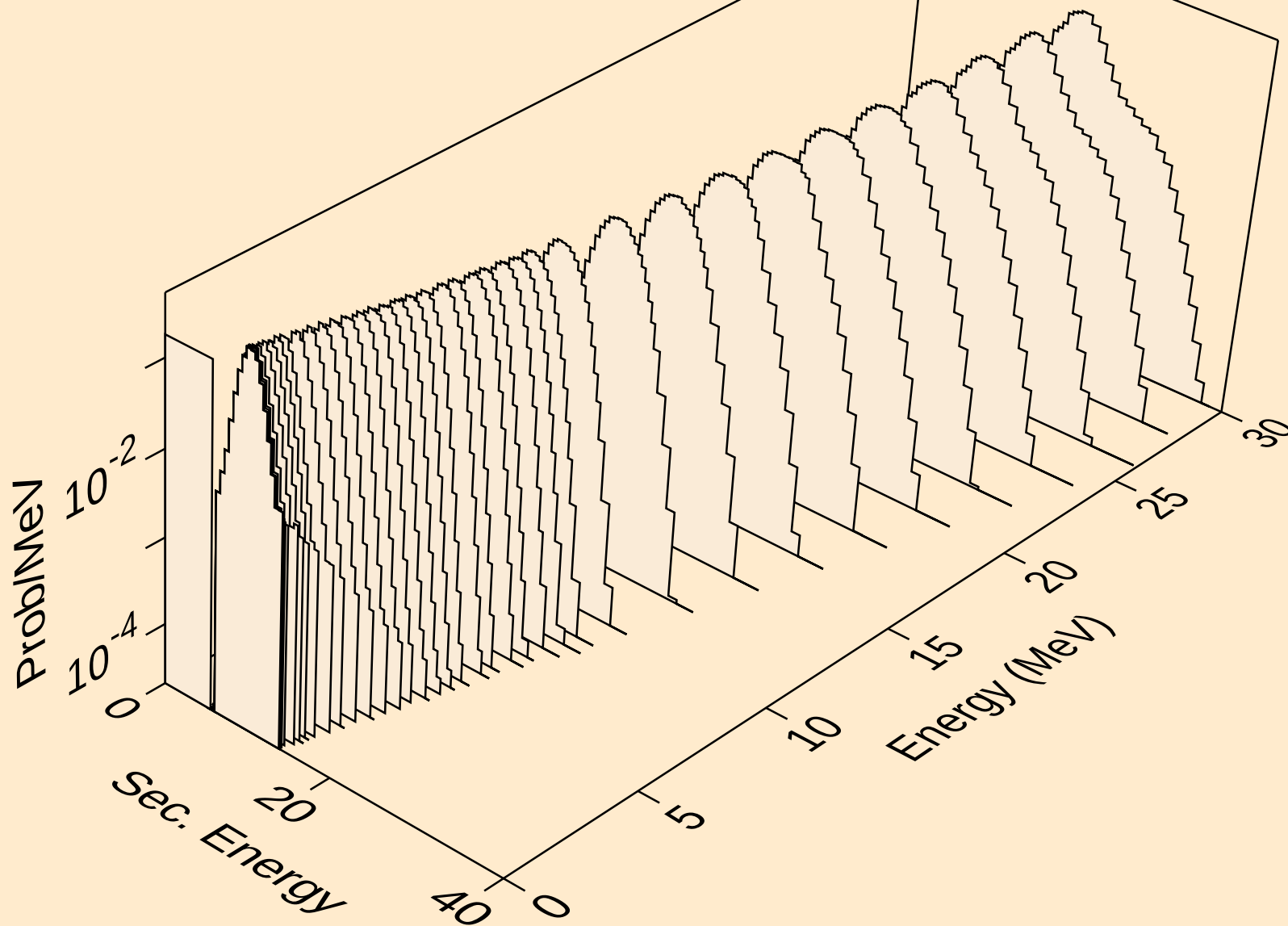
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)



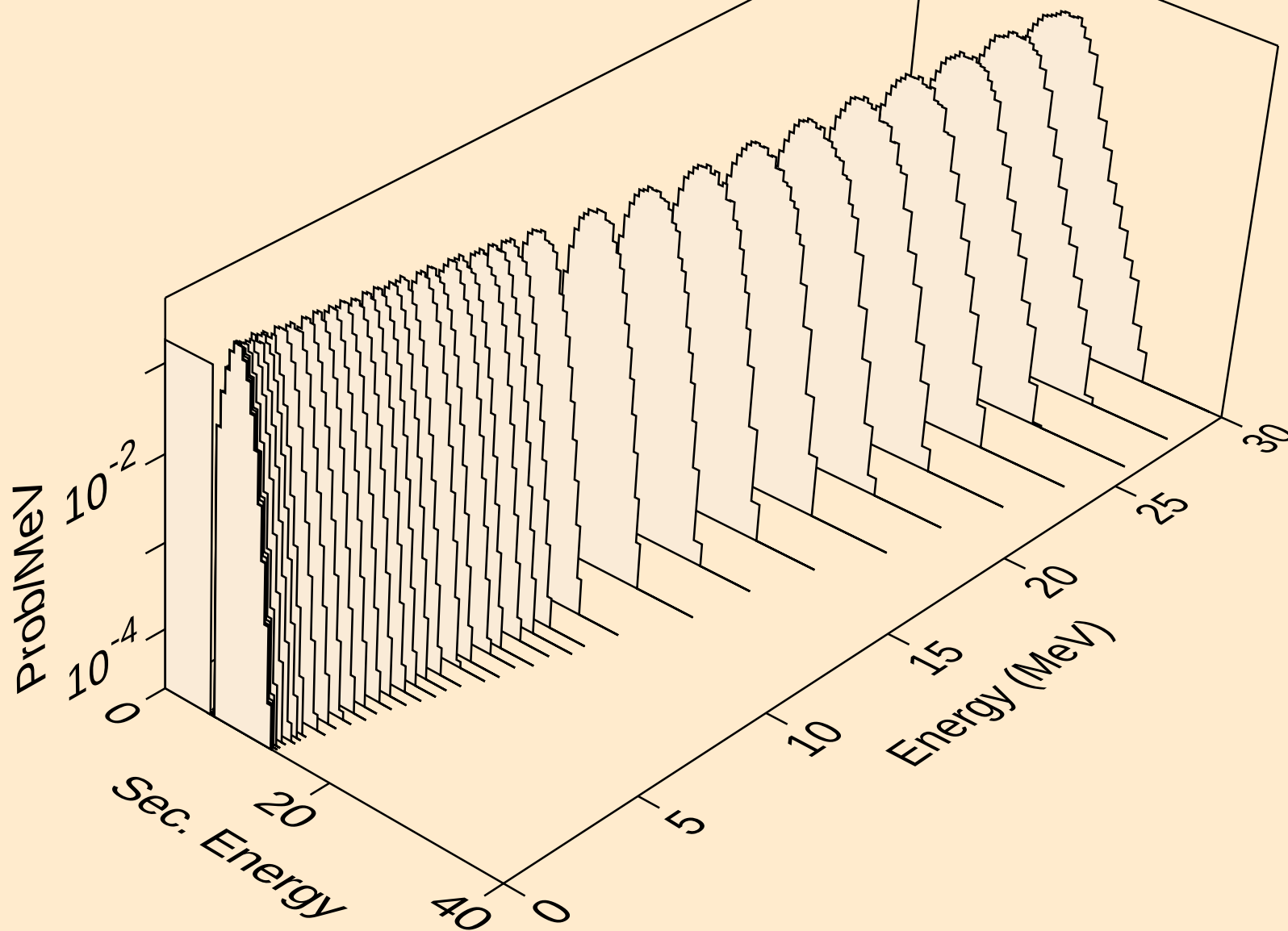
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



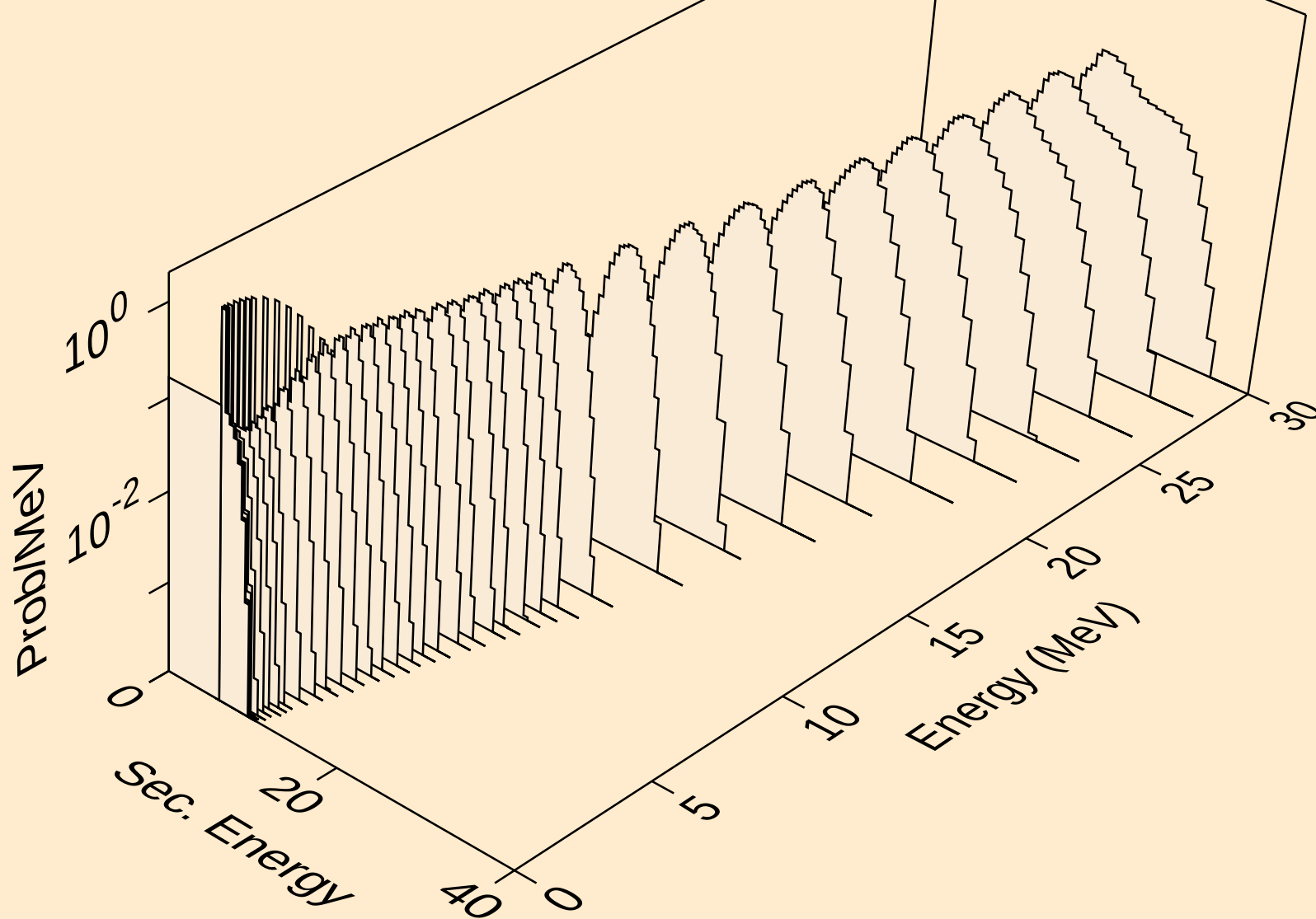
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)



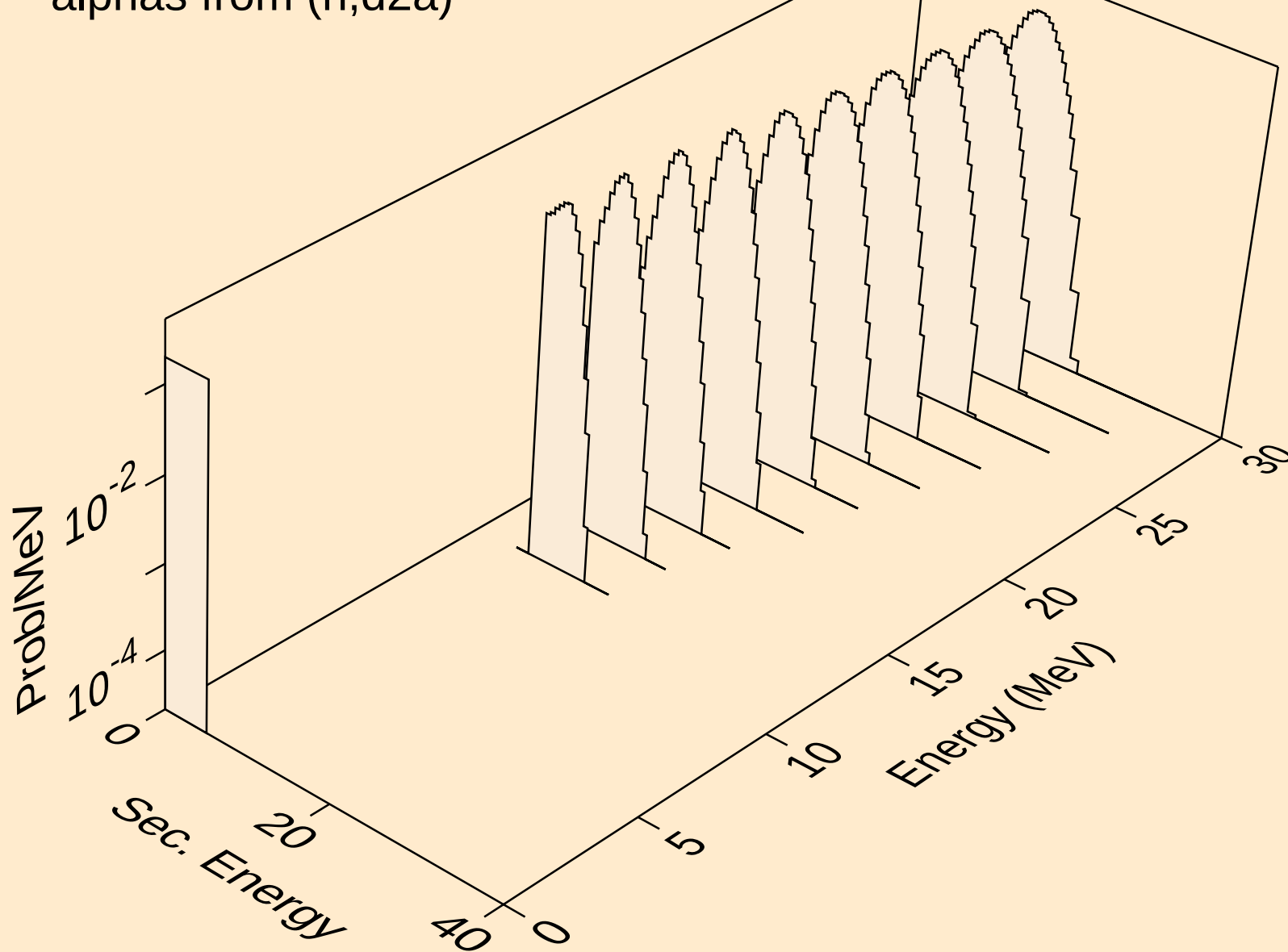
PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3a)



PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)



PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,d2a)



PB186 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

