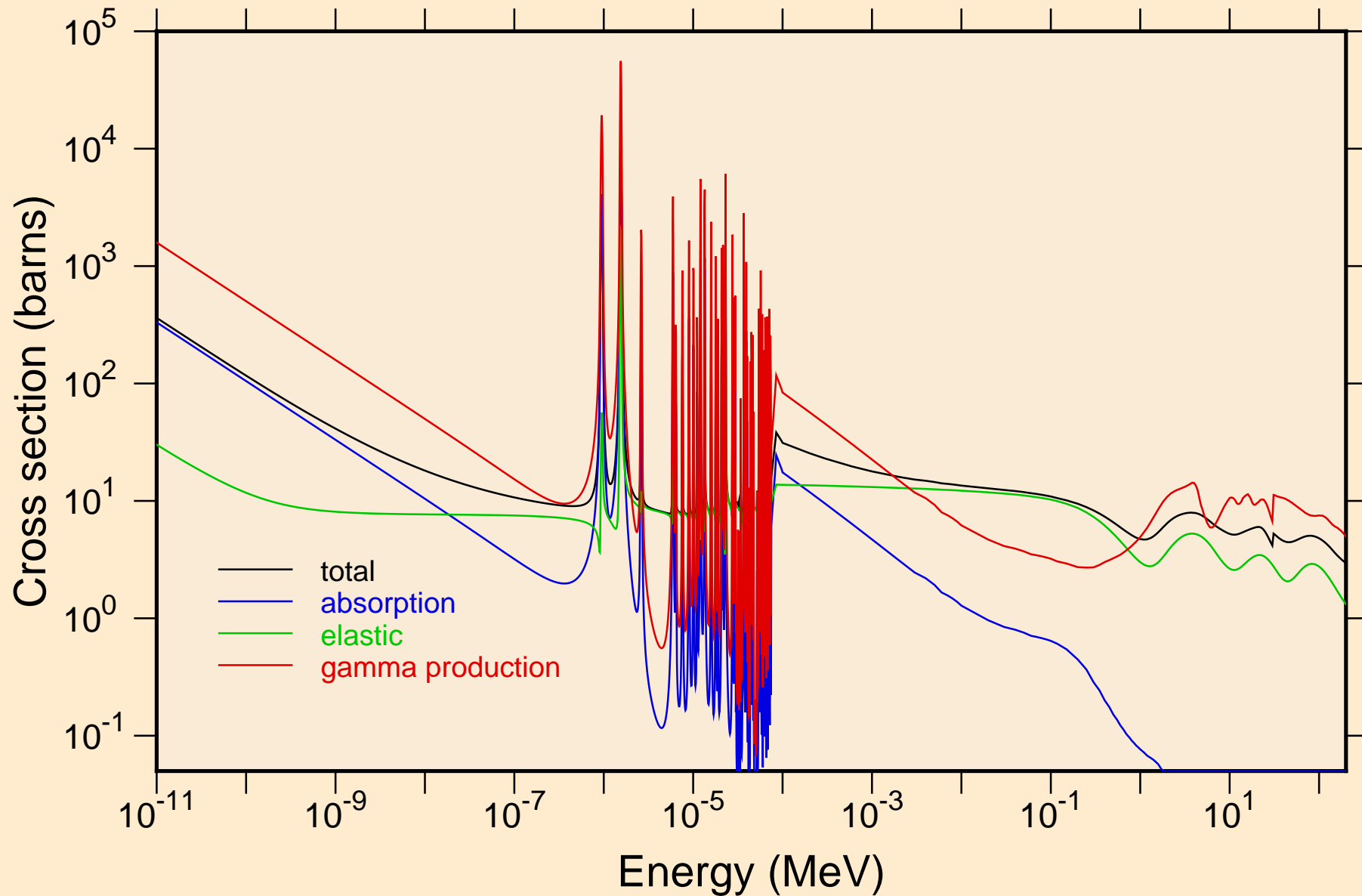
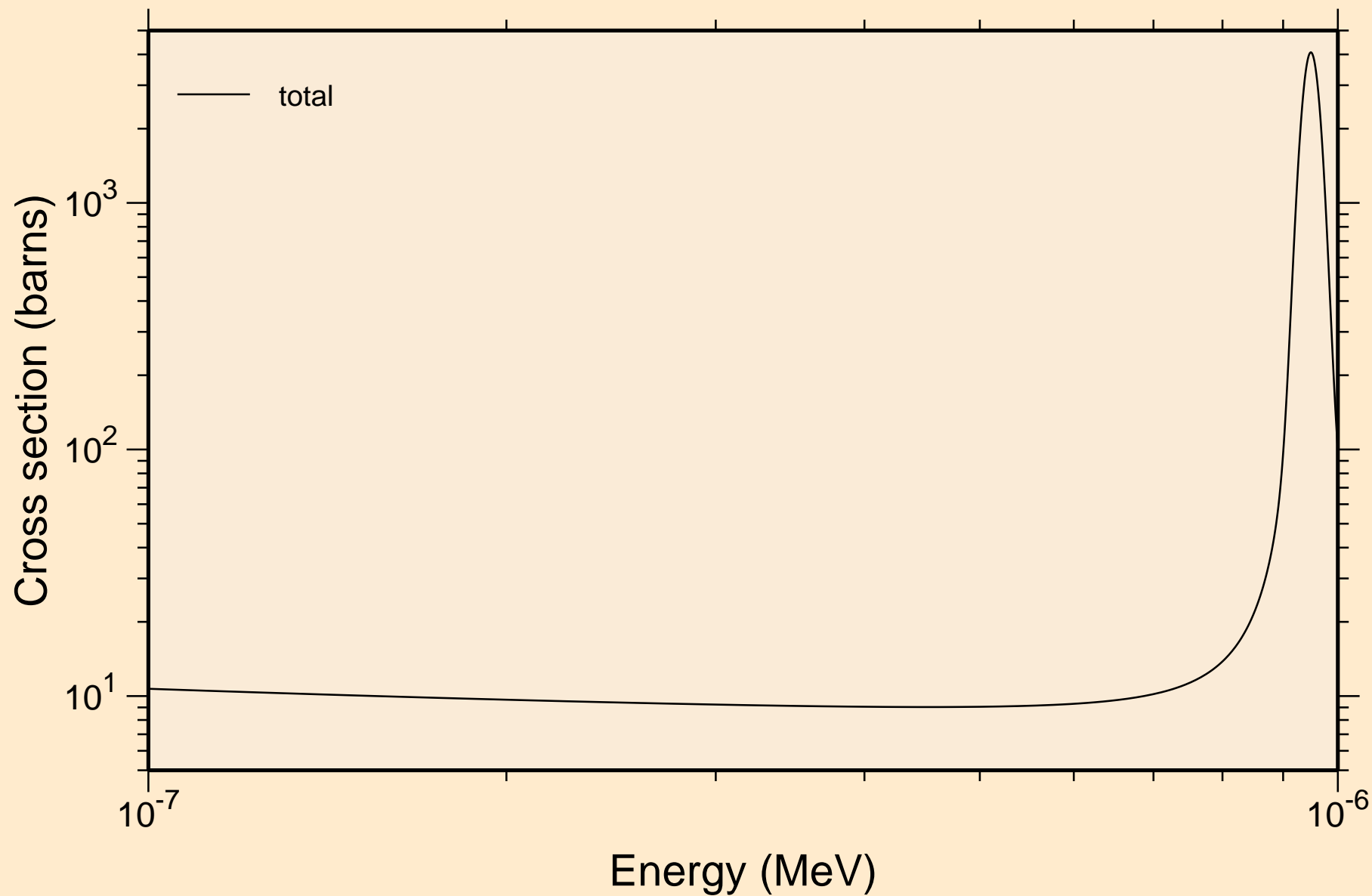


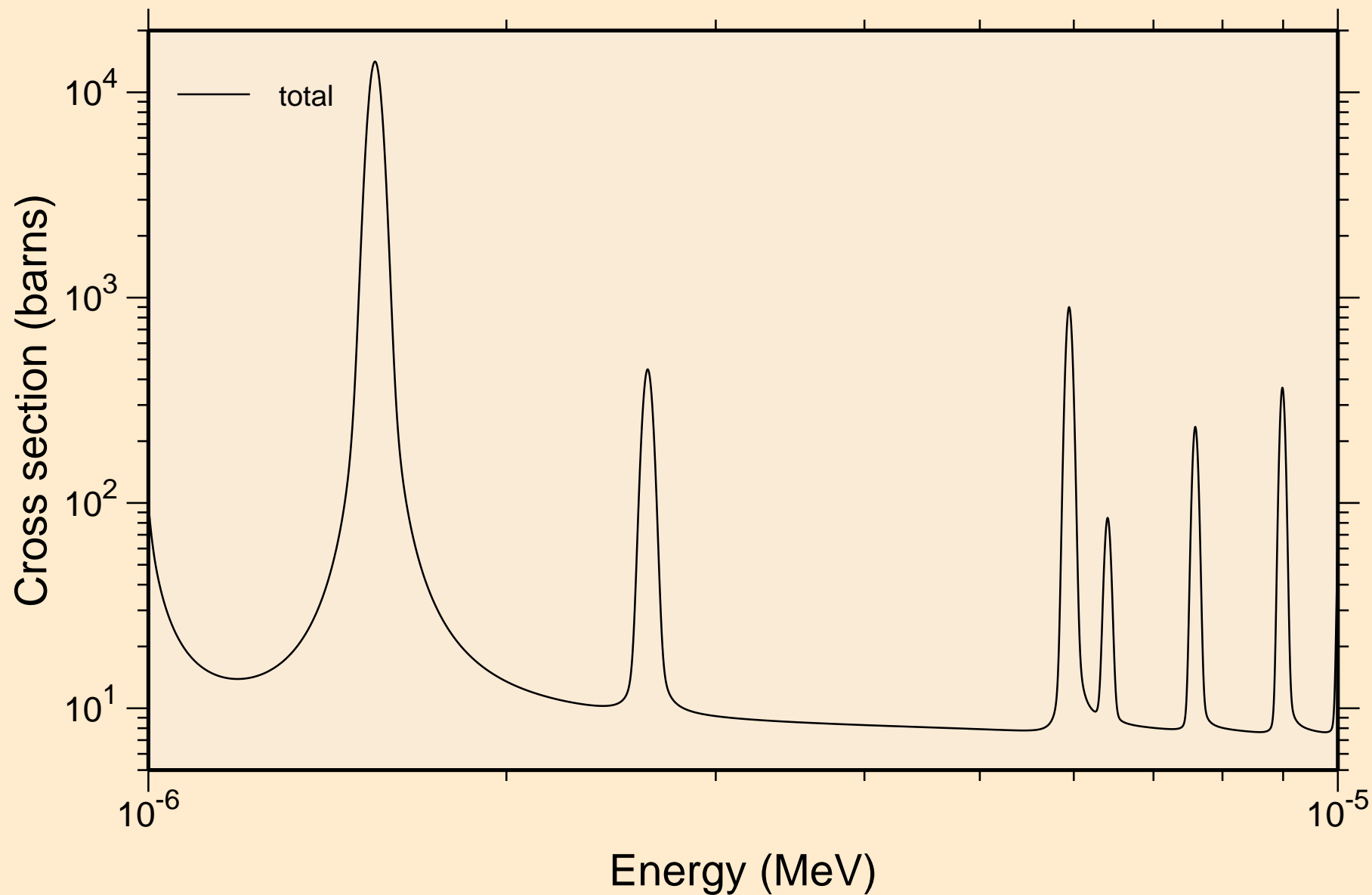
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



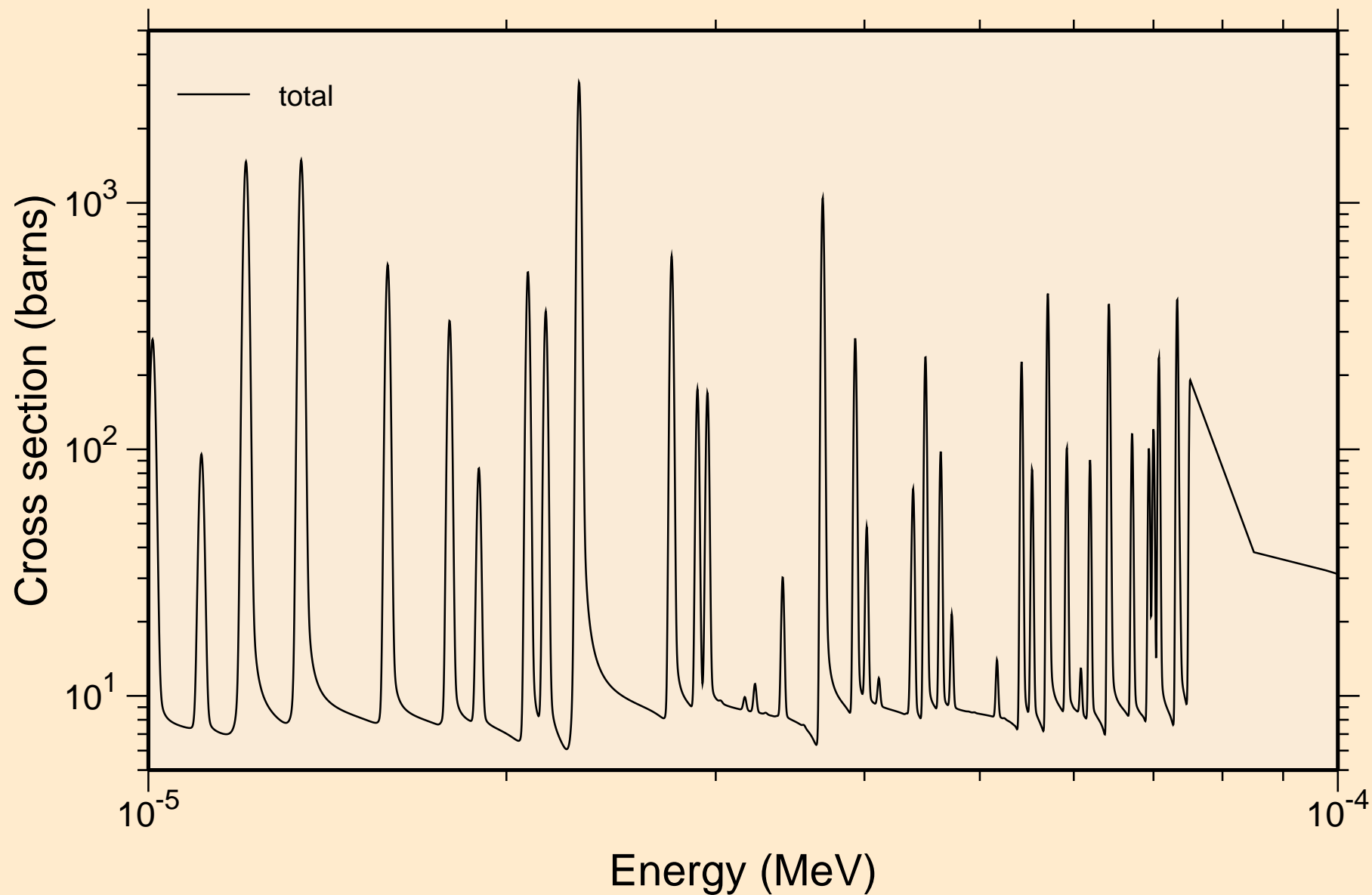
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



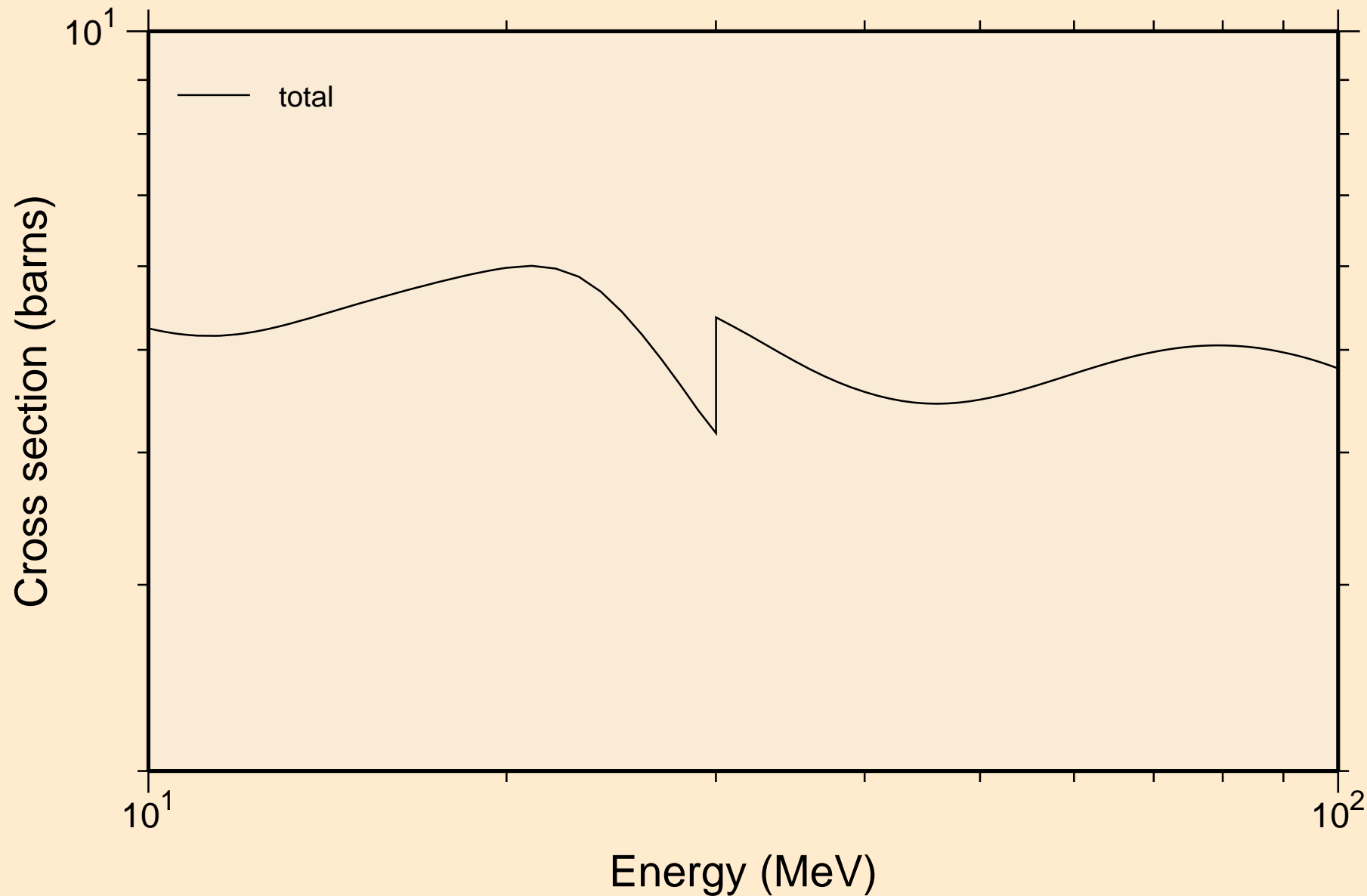
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section

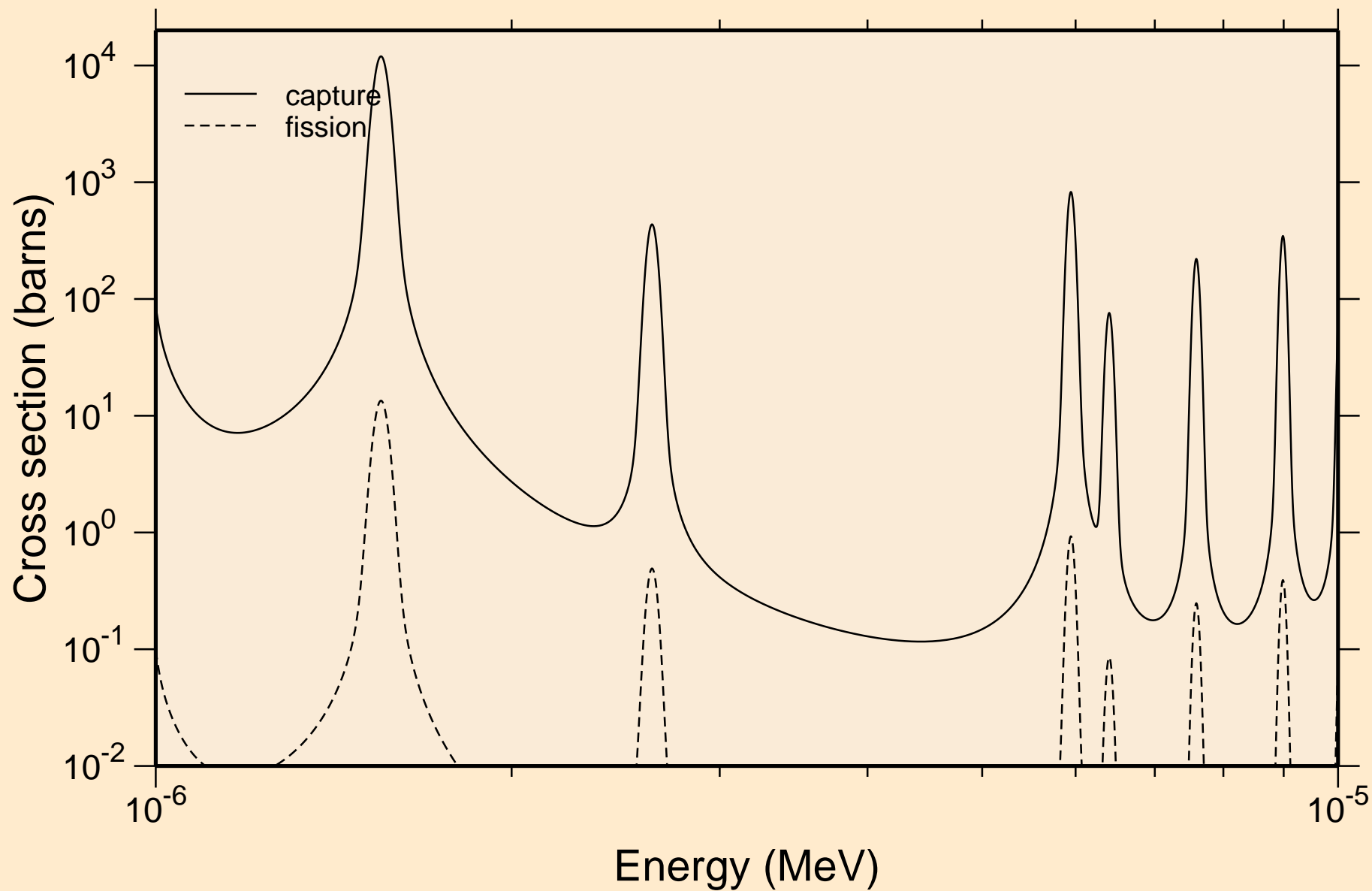


AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section

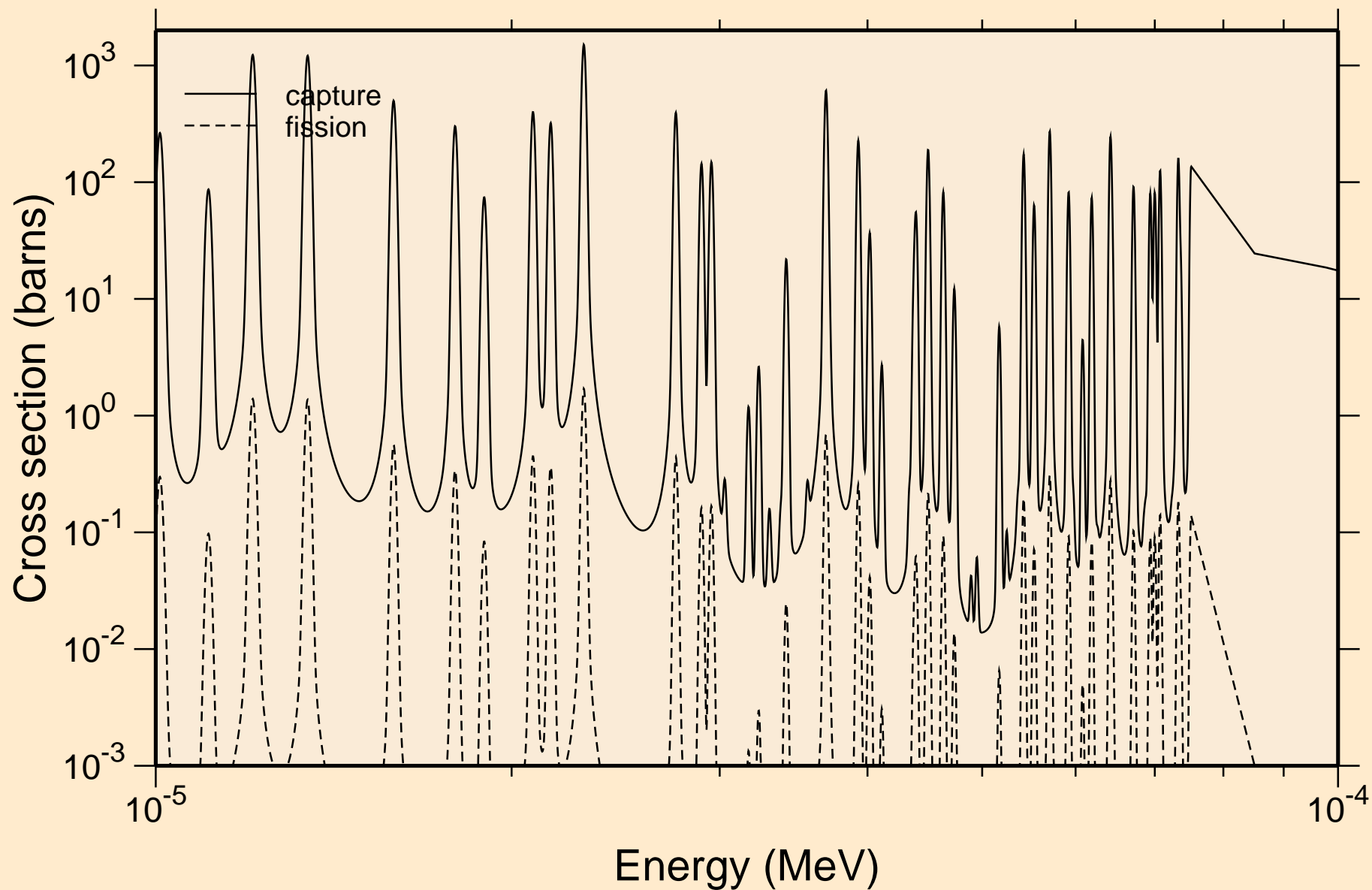




AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

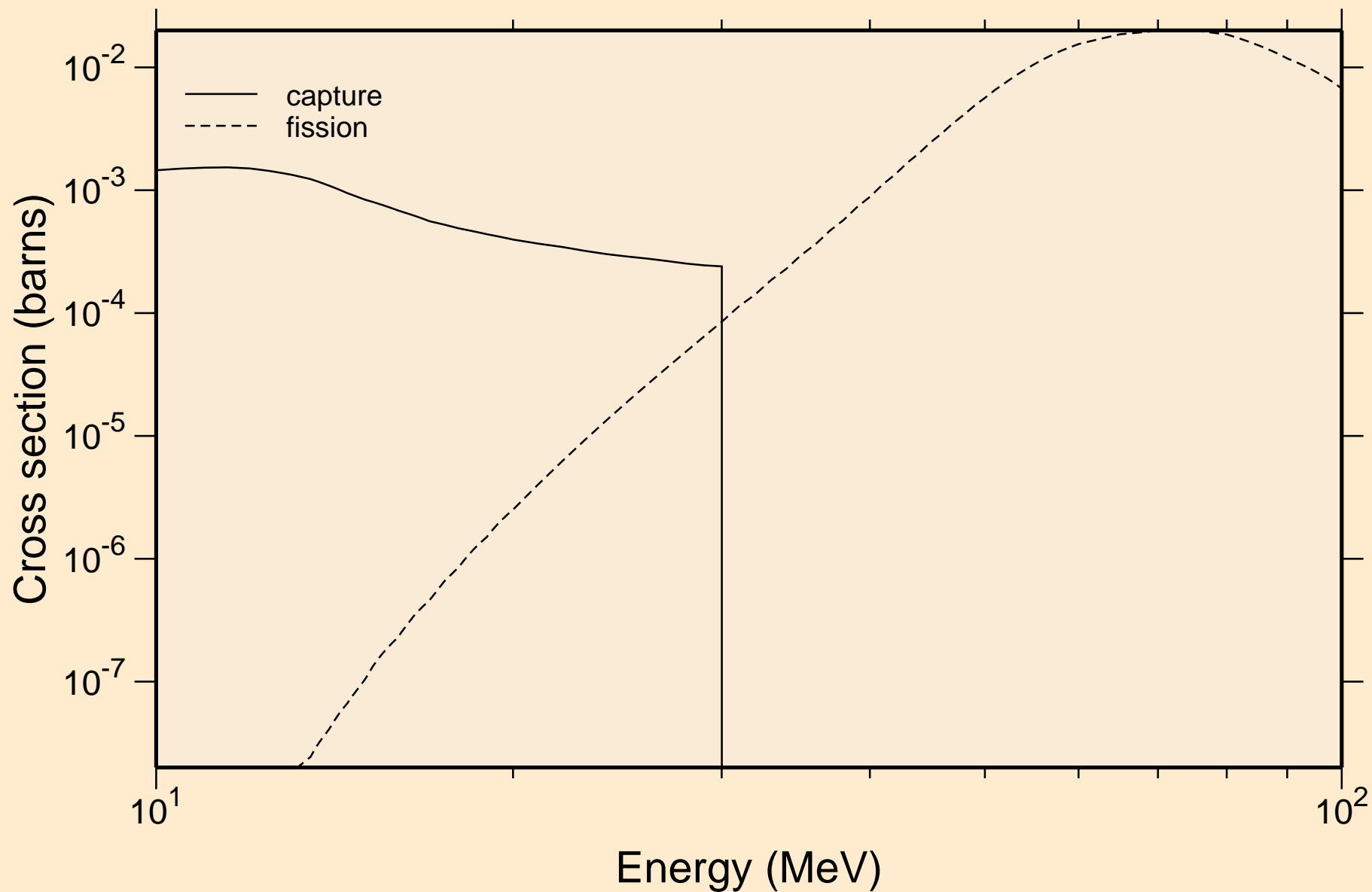


AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

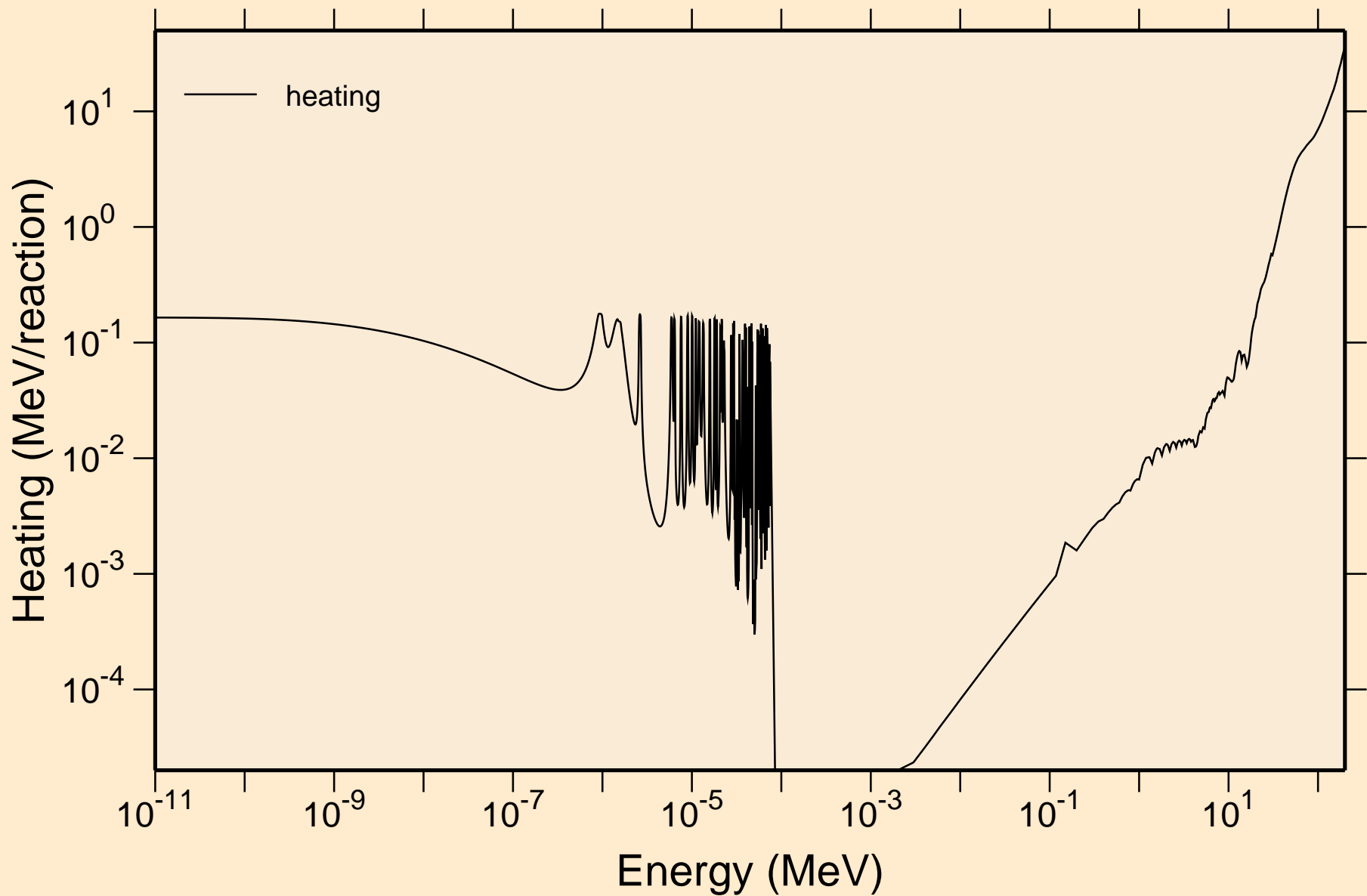




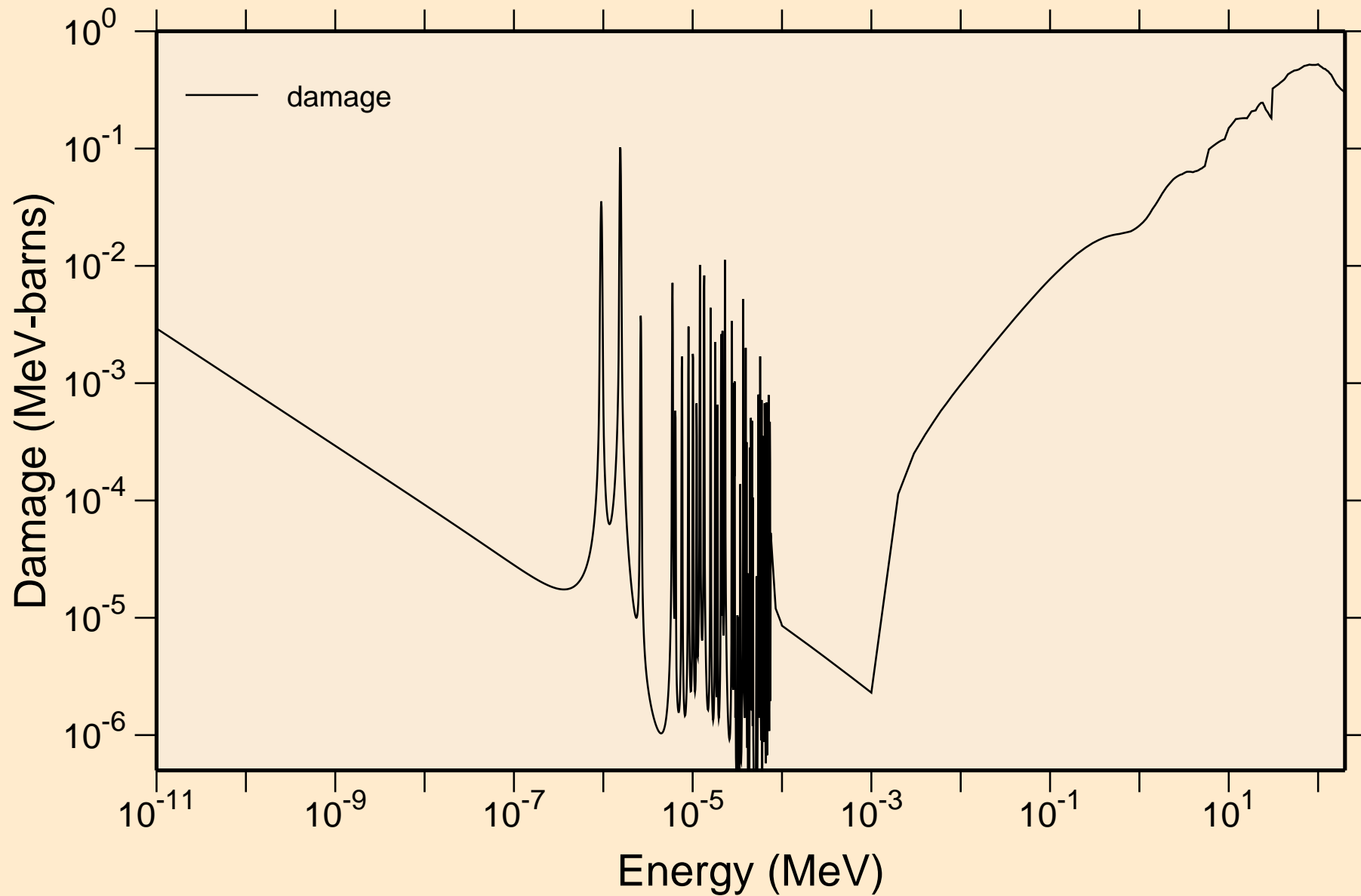
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



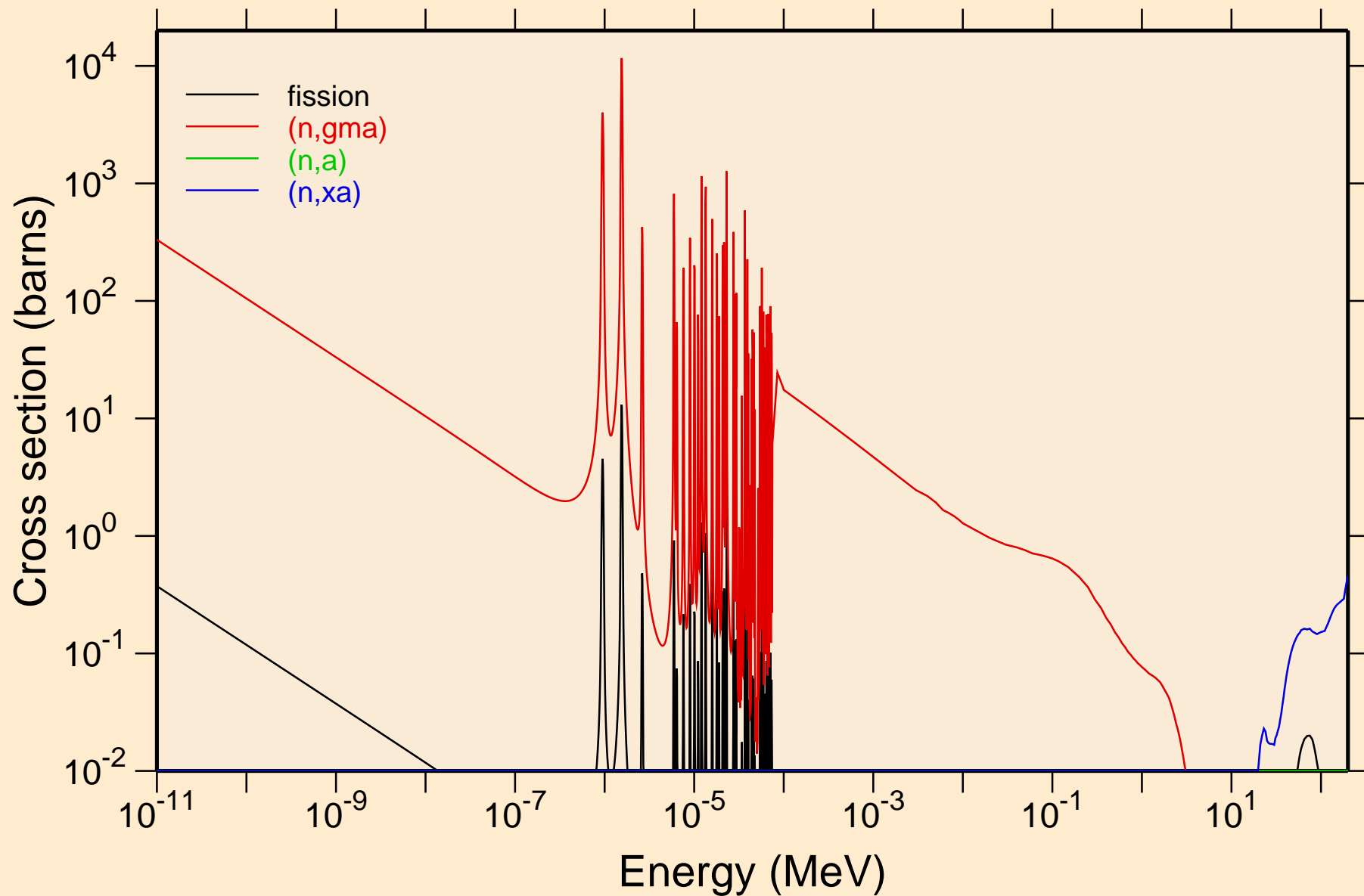
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



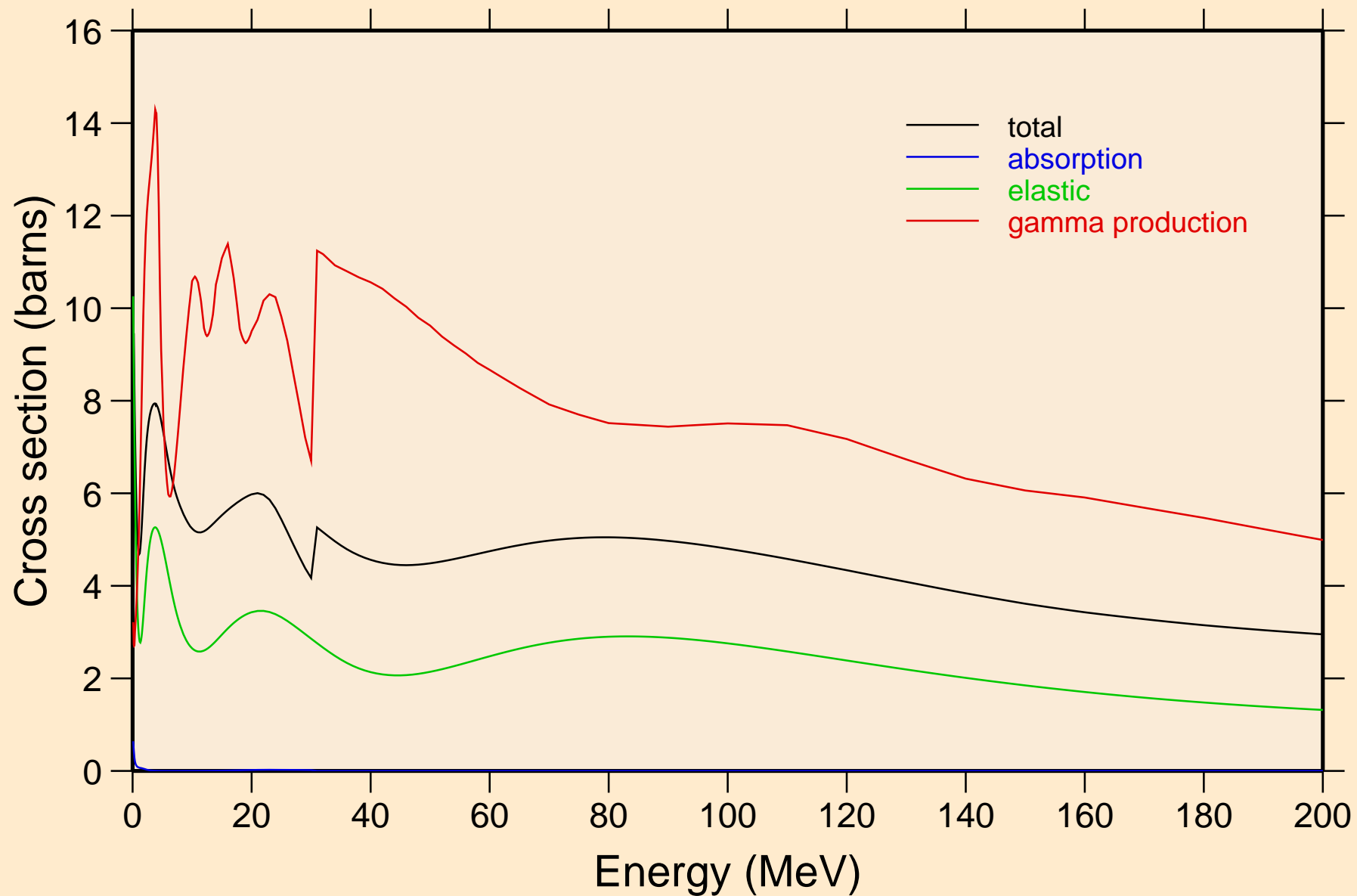
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



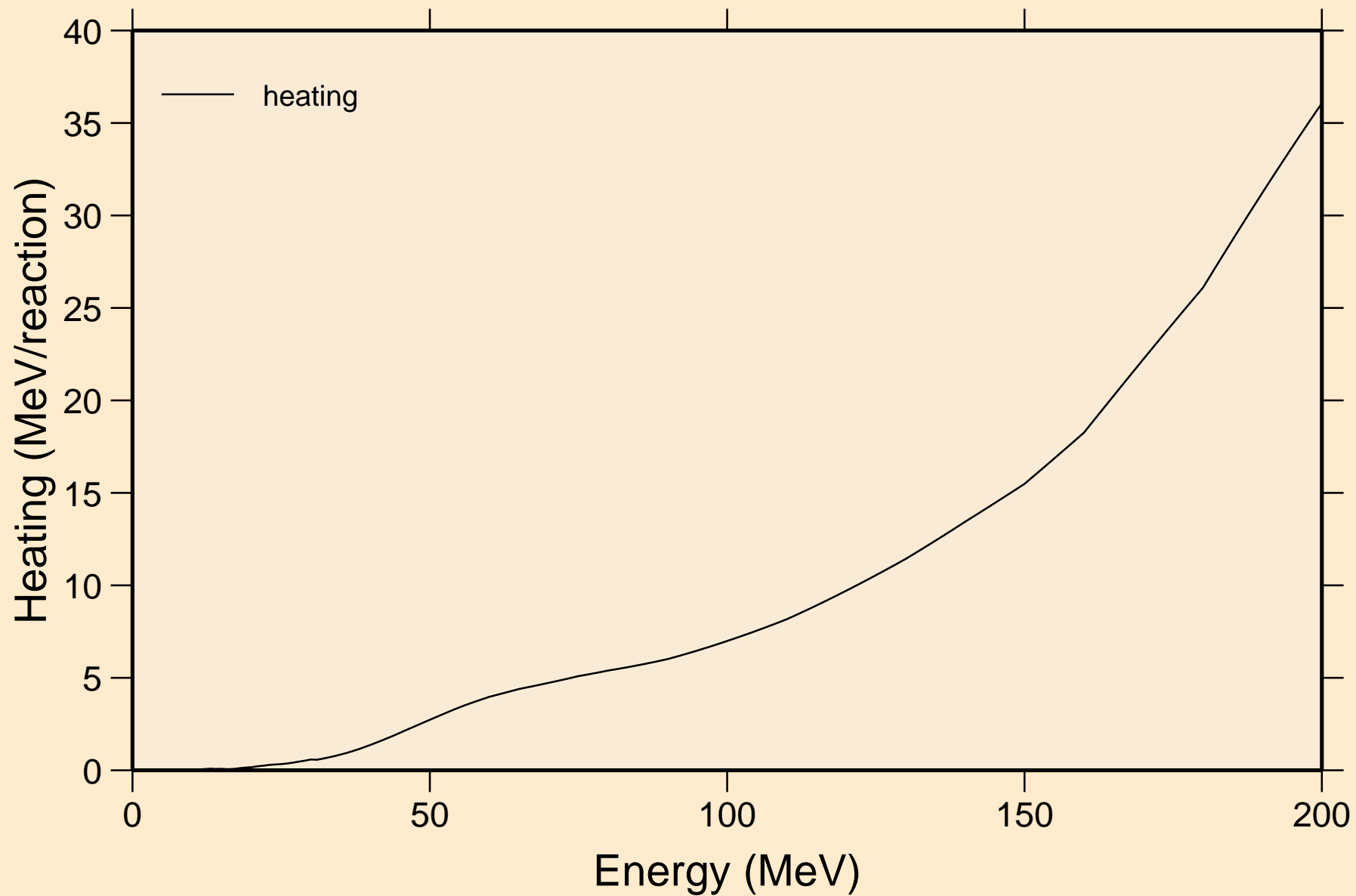
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Non-threshold reactions



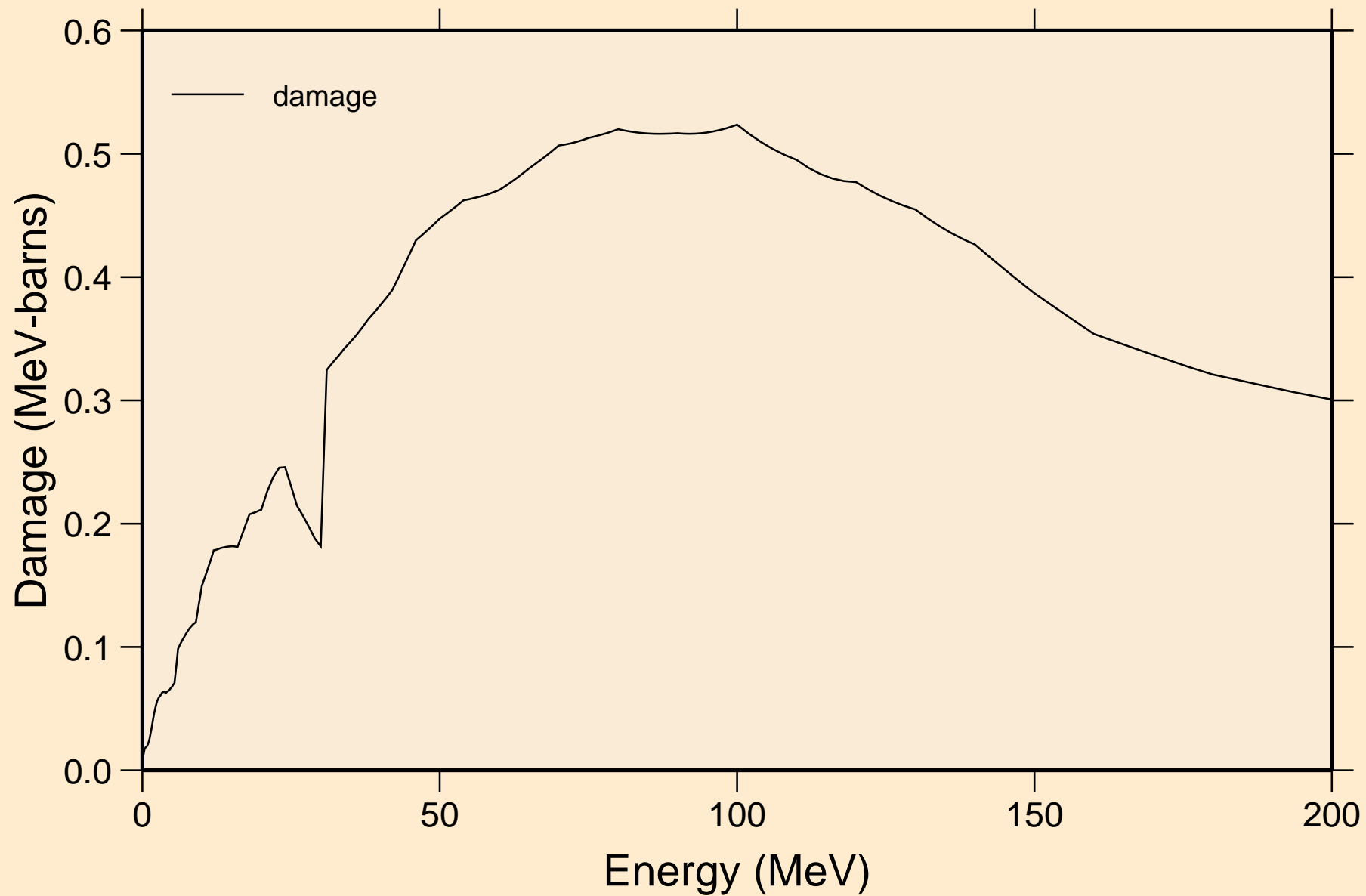
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



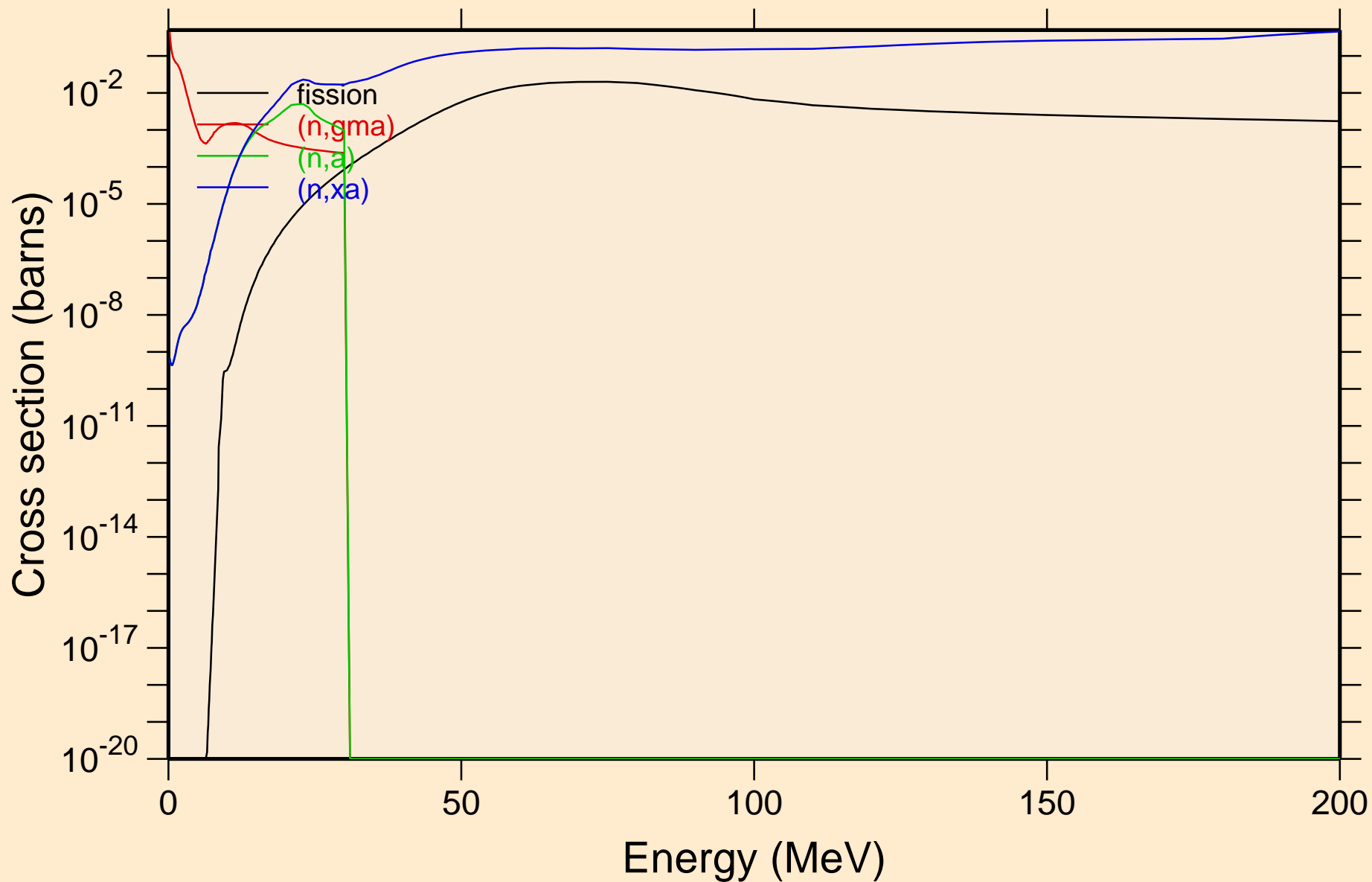
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

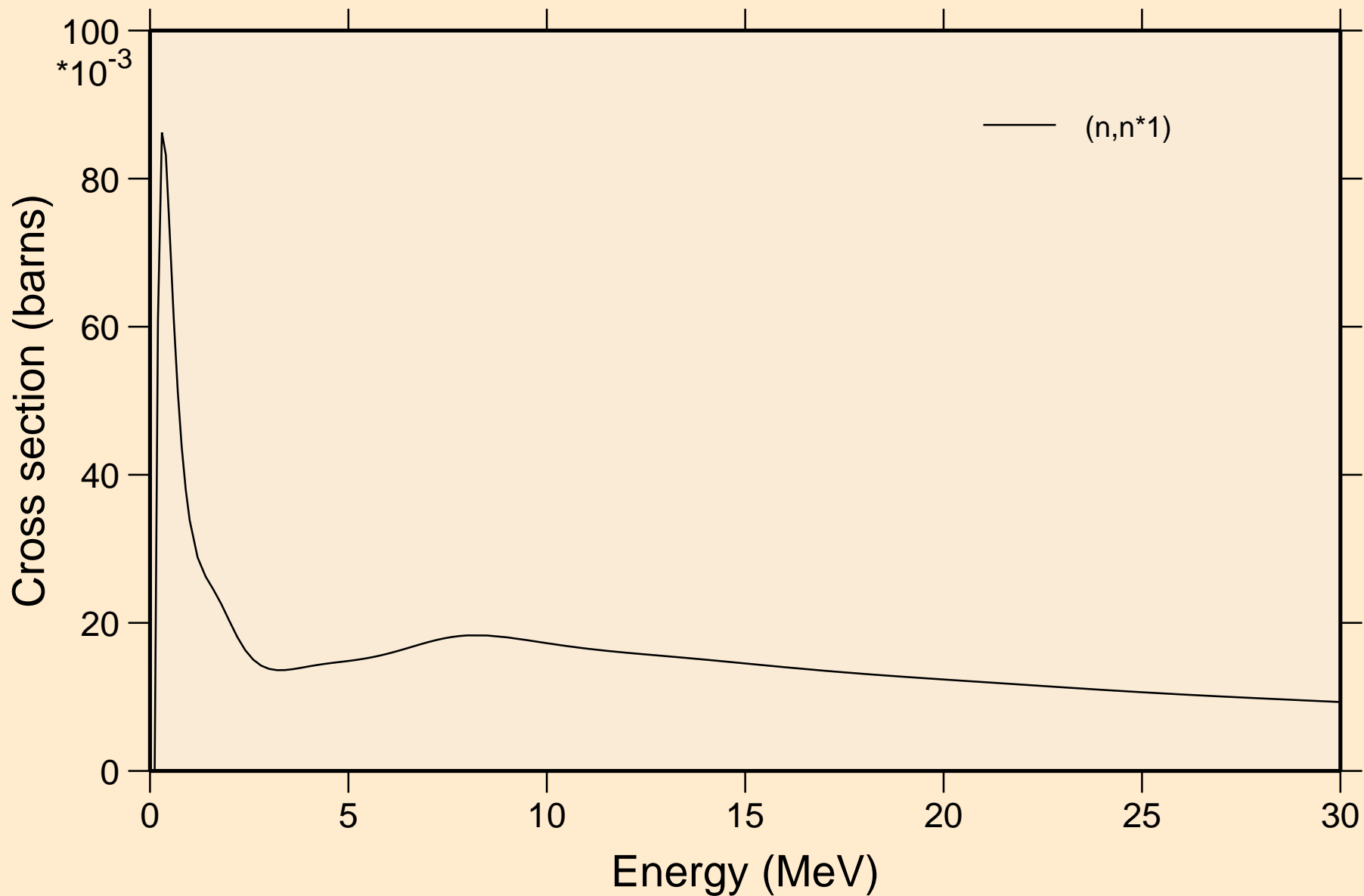


AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



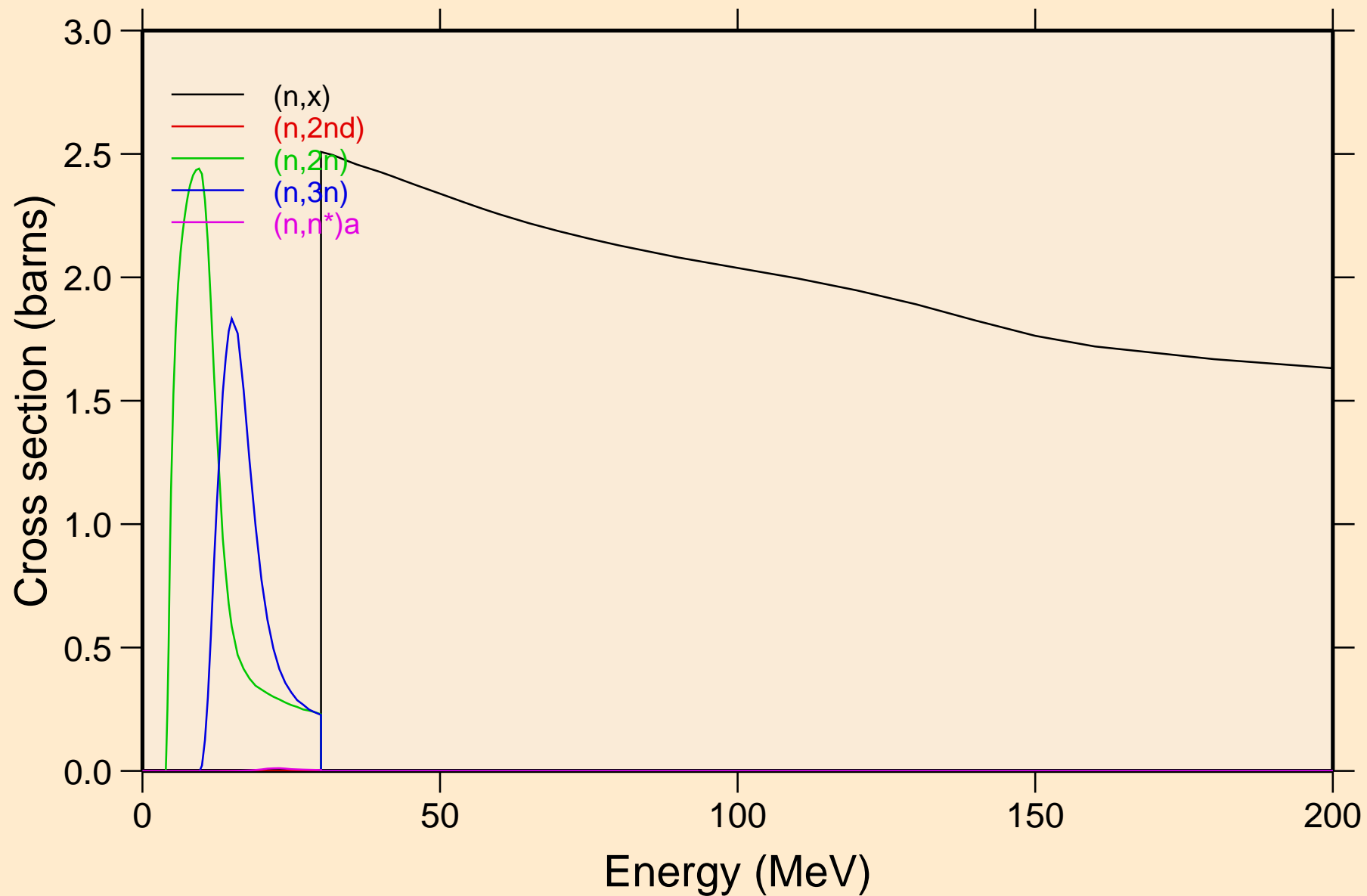


AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

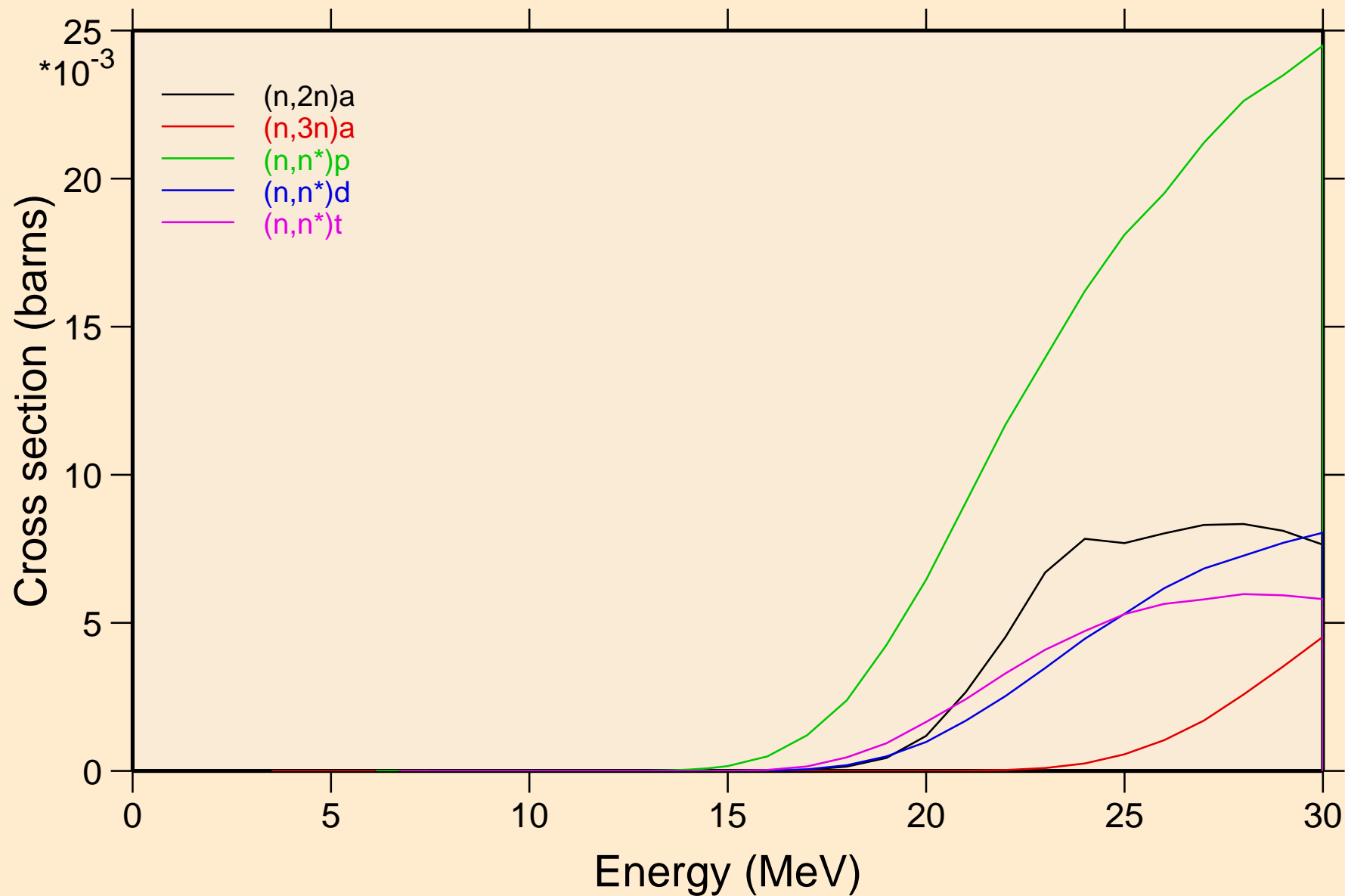


# AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

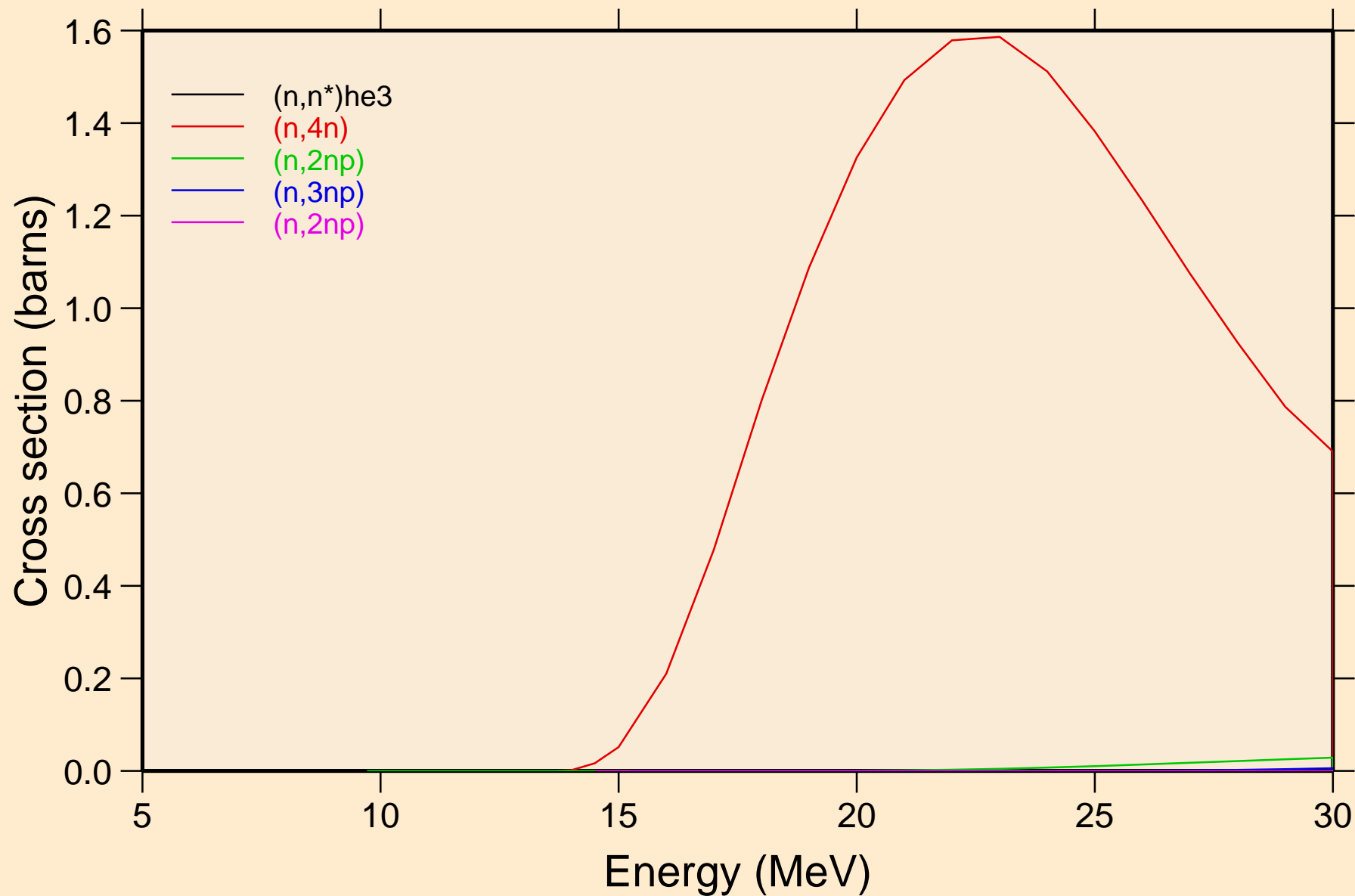
## Threshold reactions



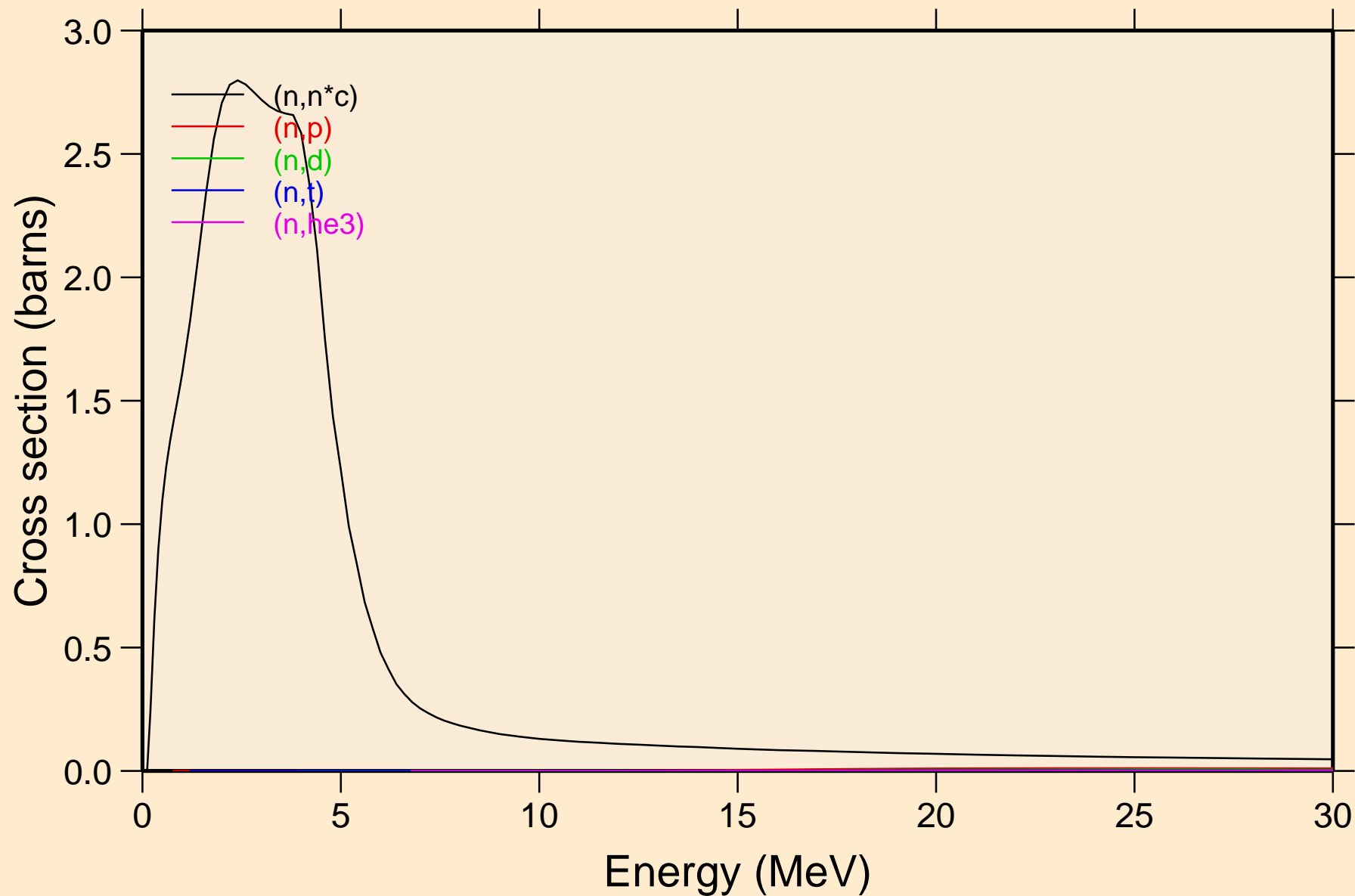
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



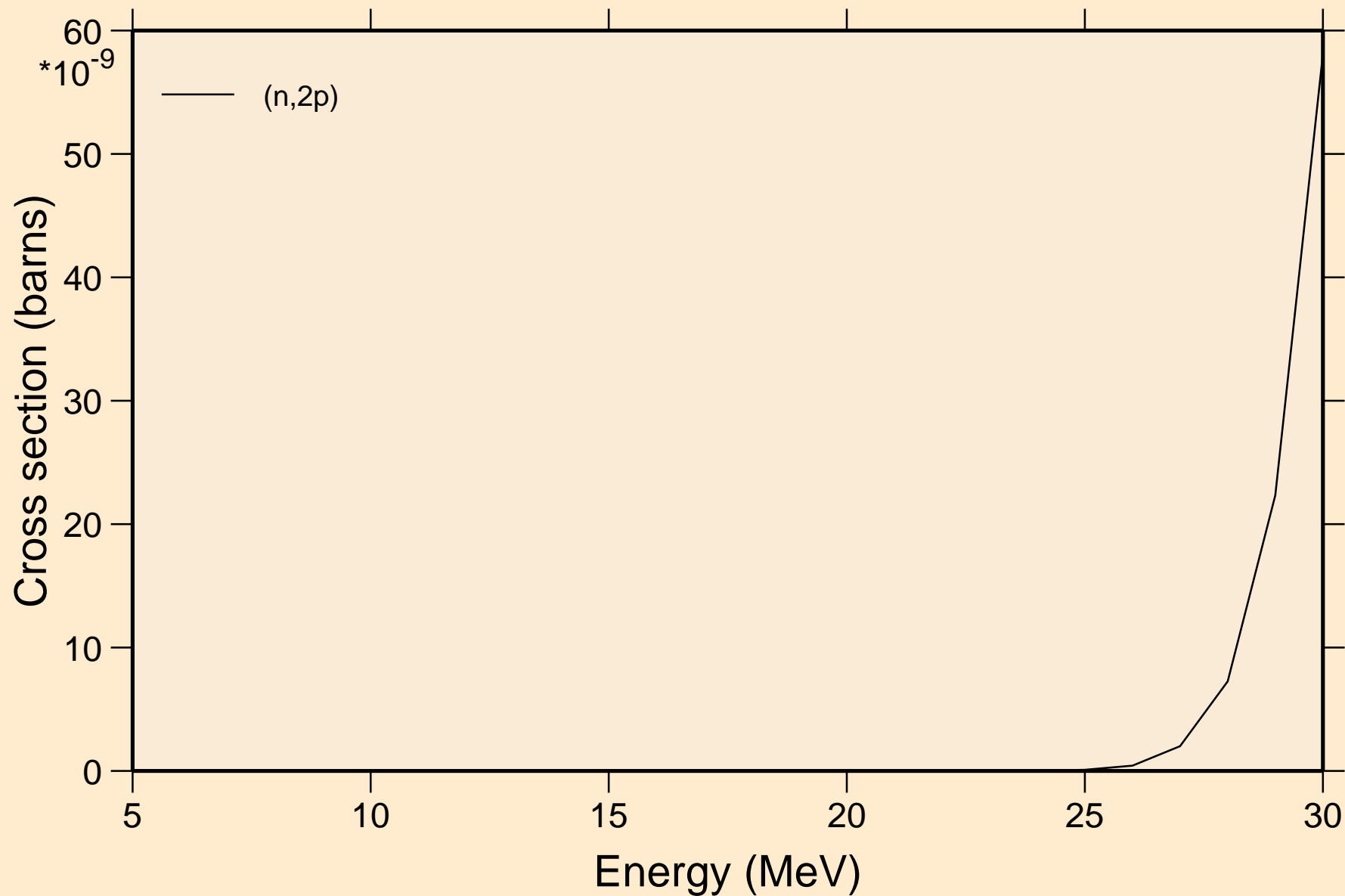
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



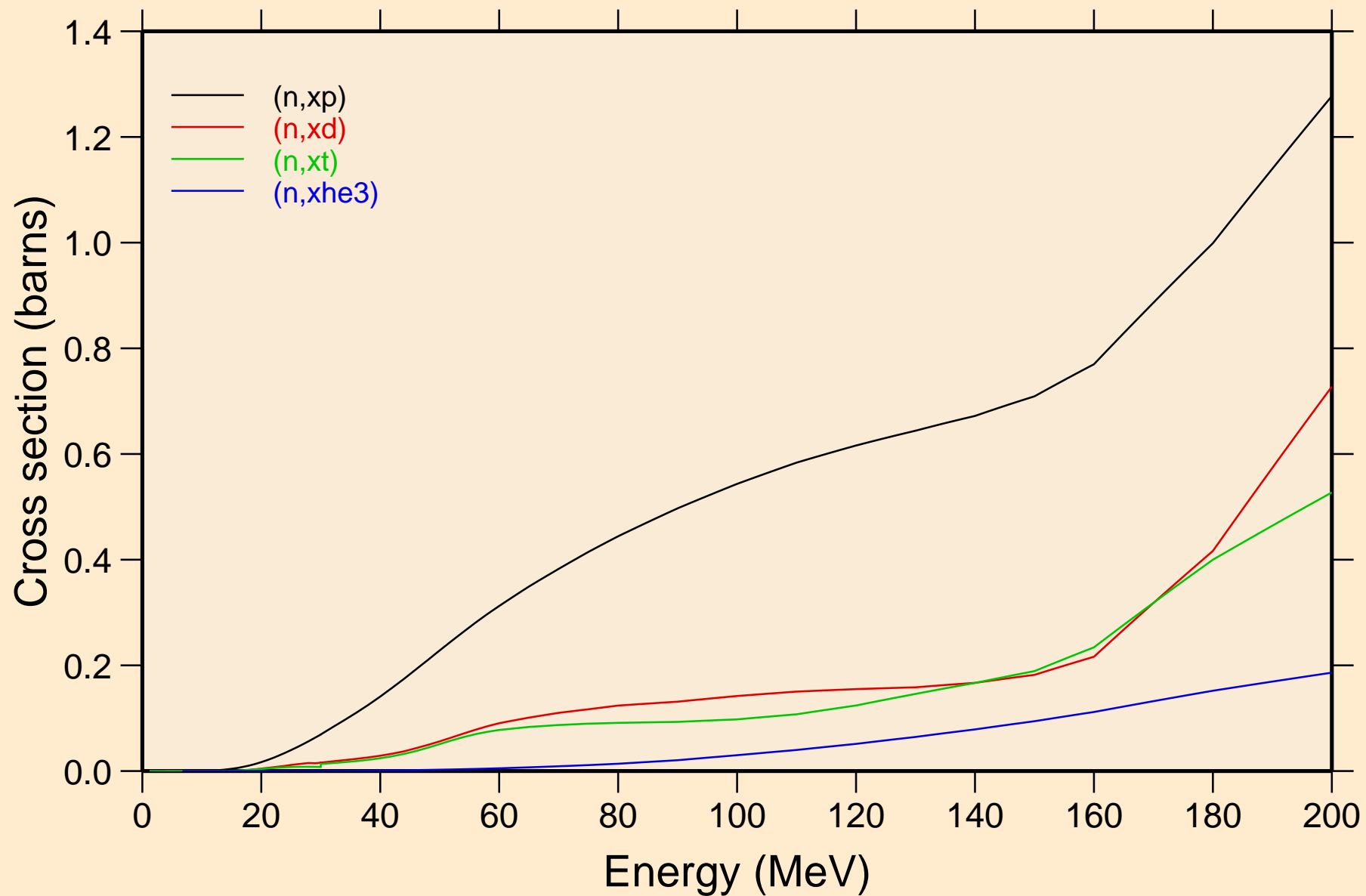
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



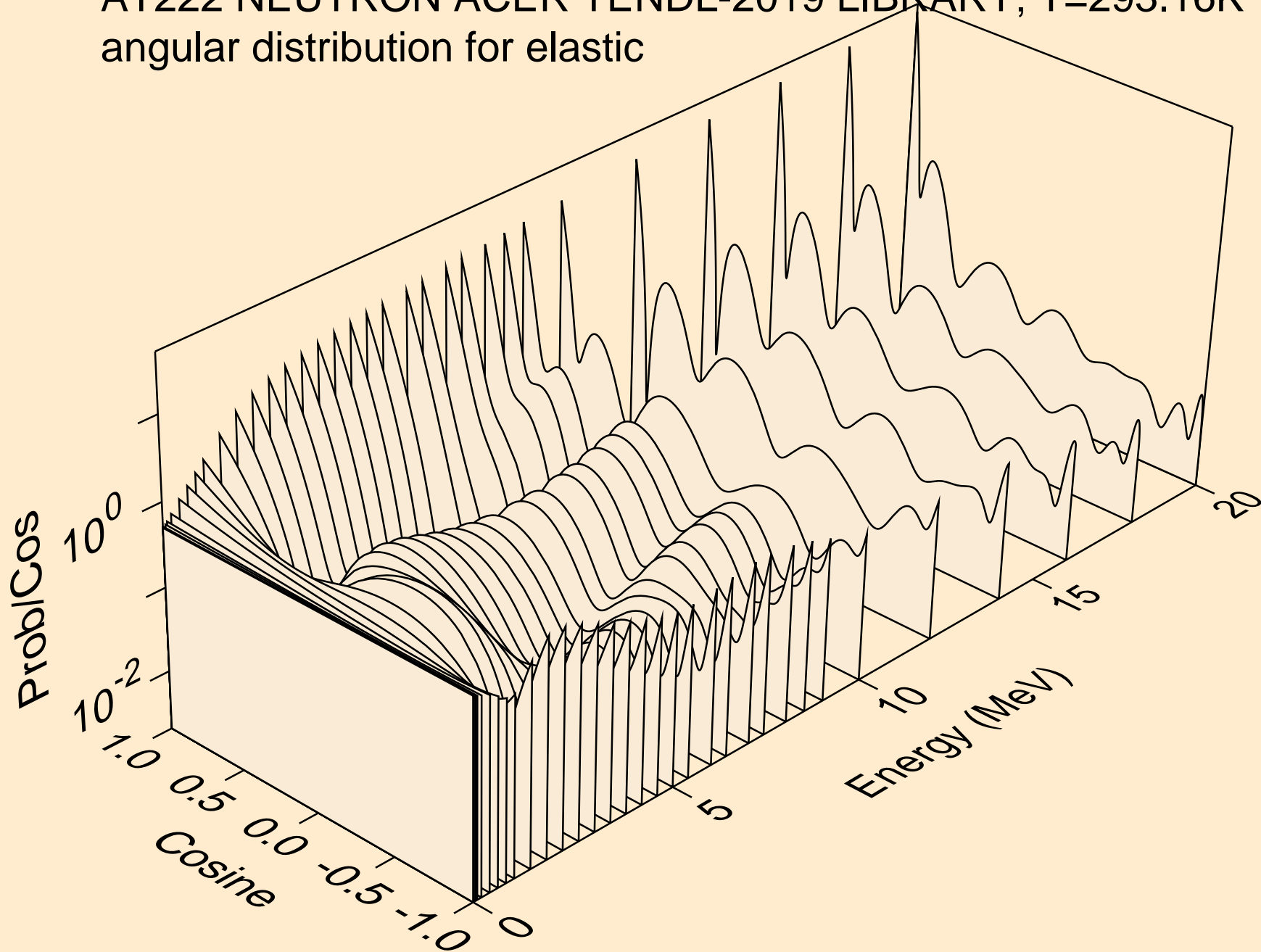
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

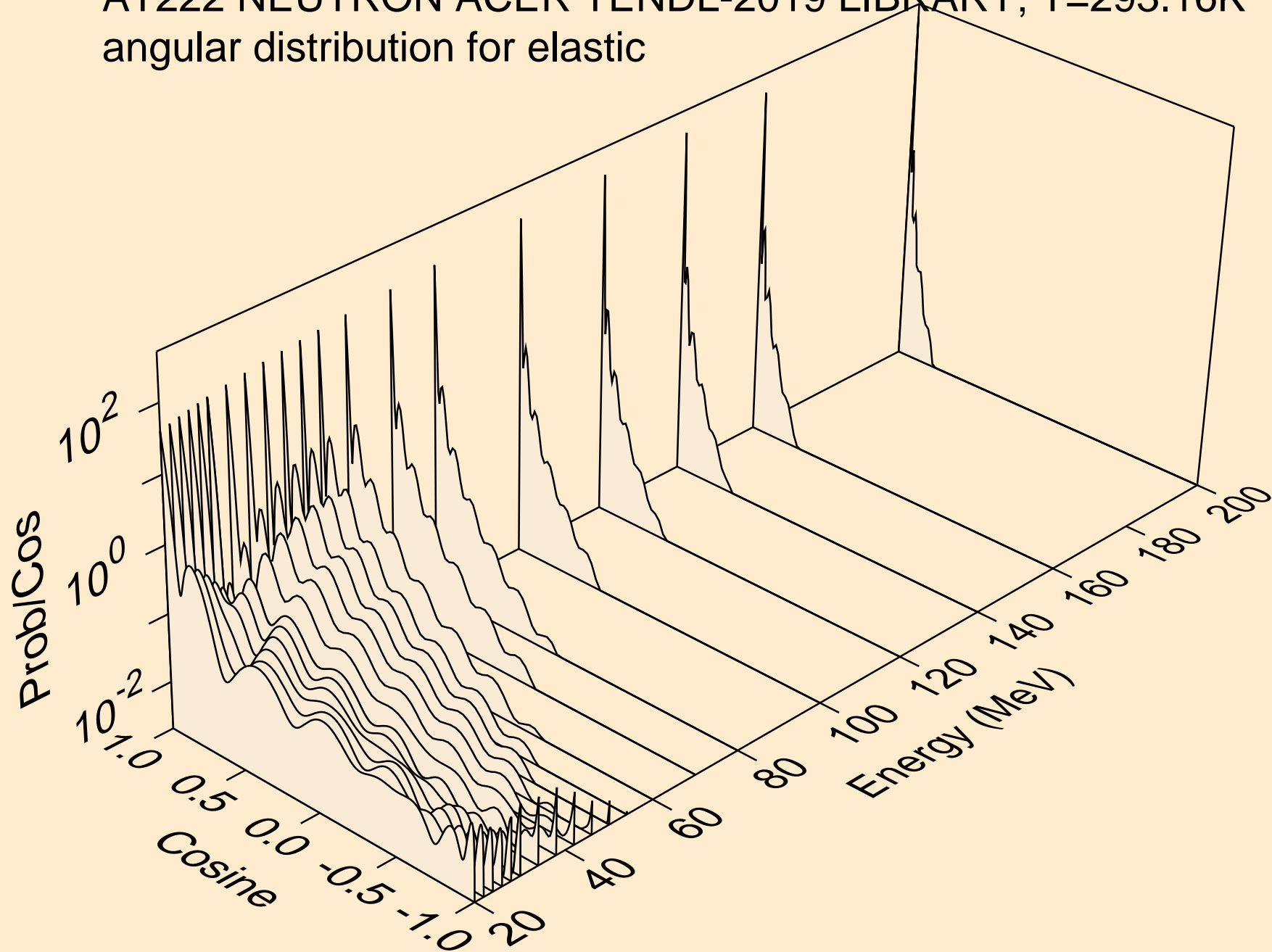


AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic

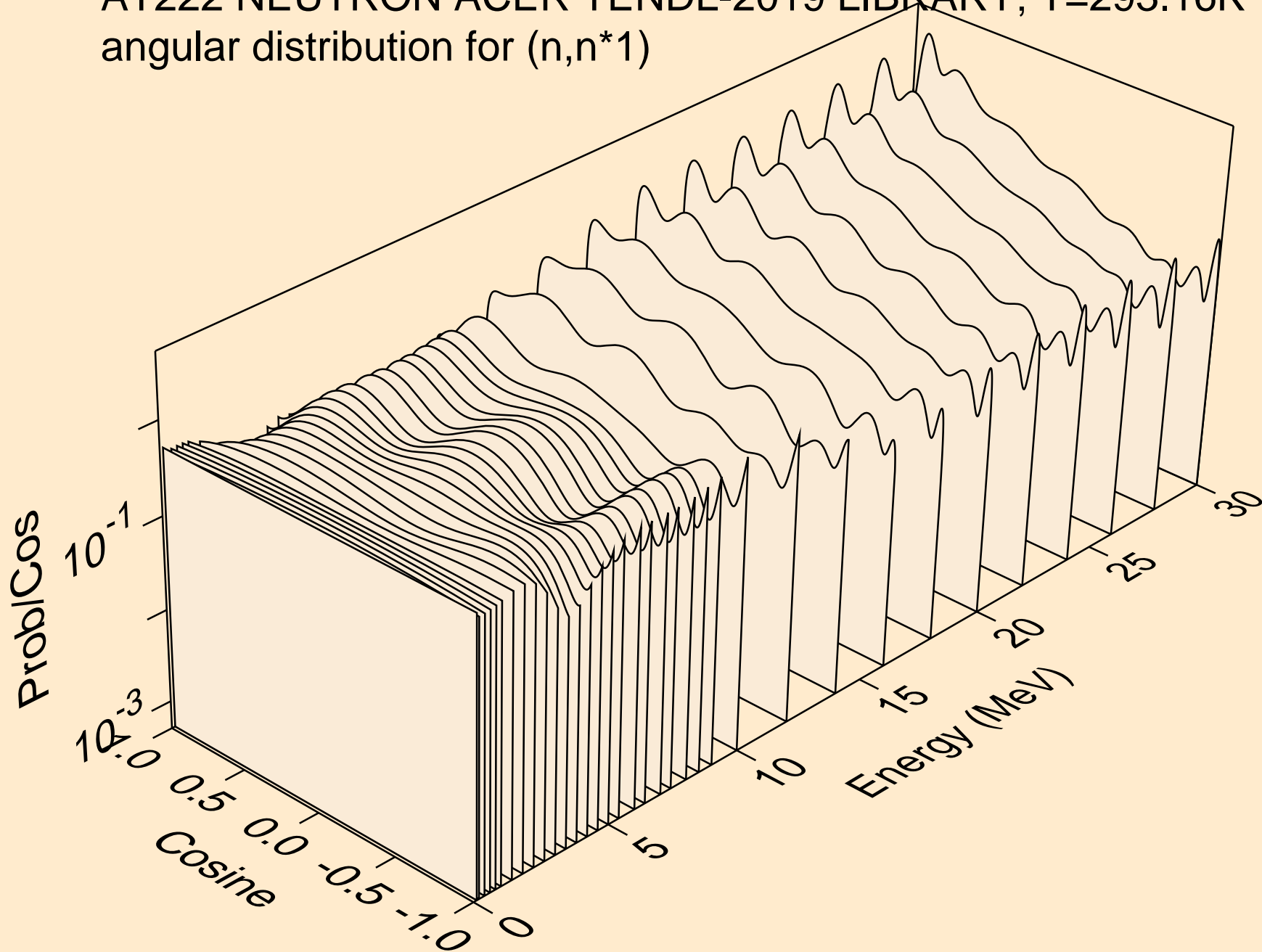




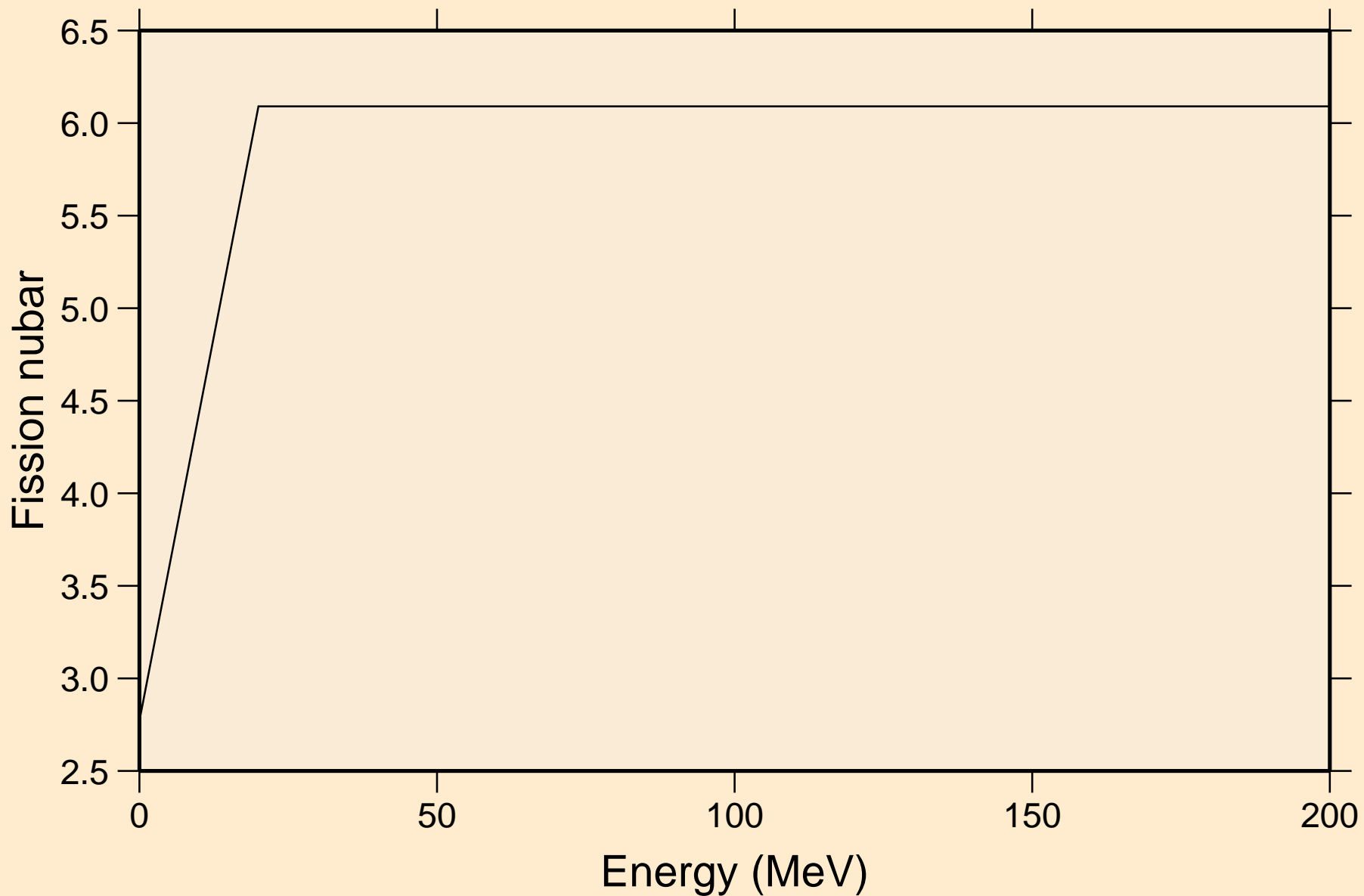
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



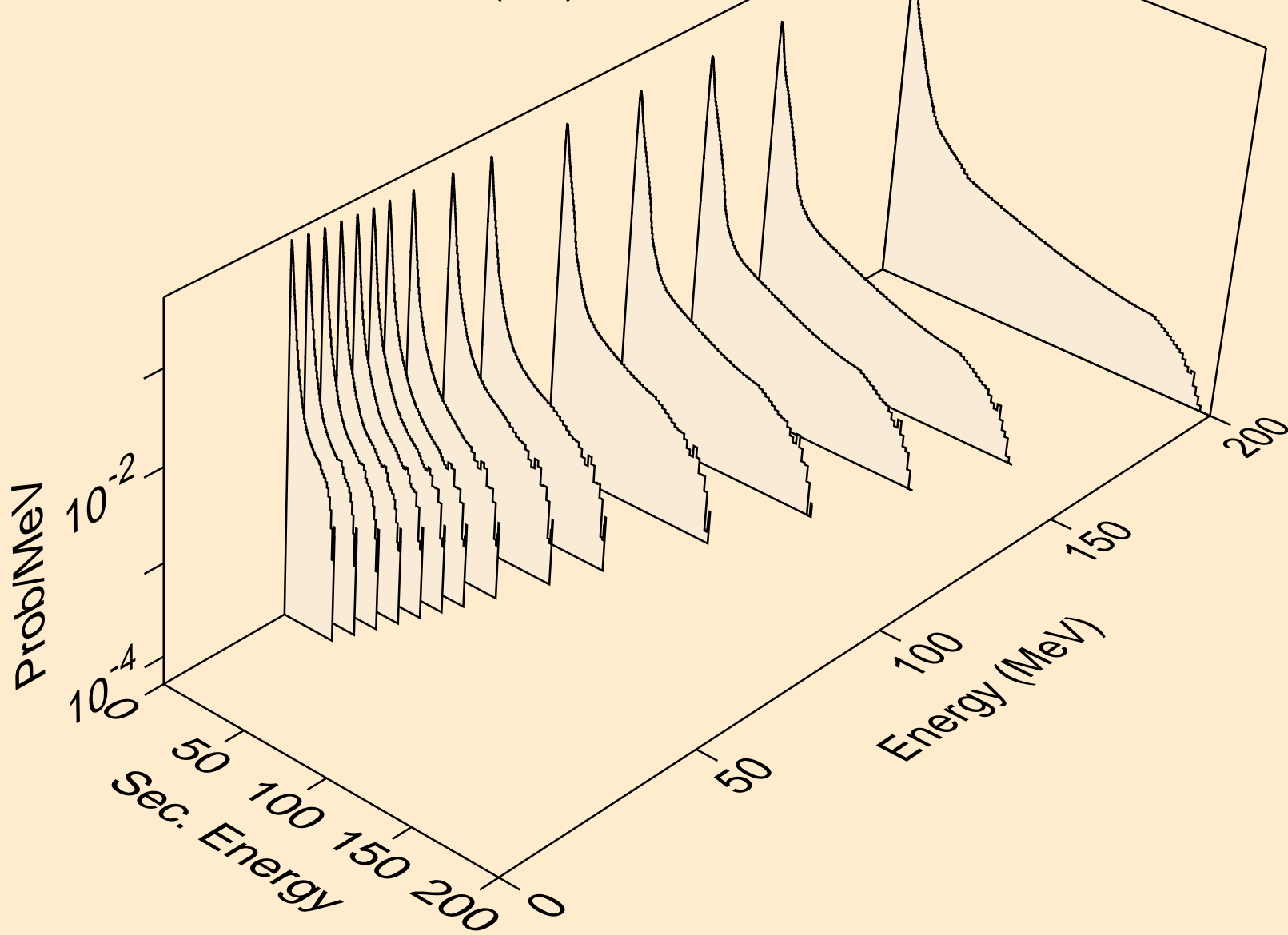
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



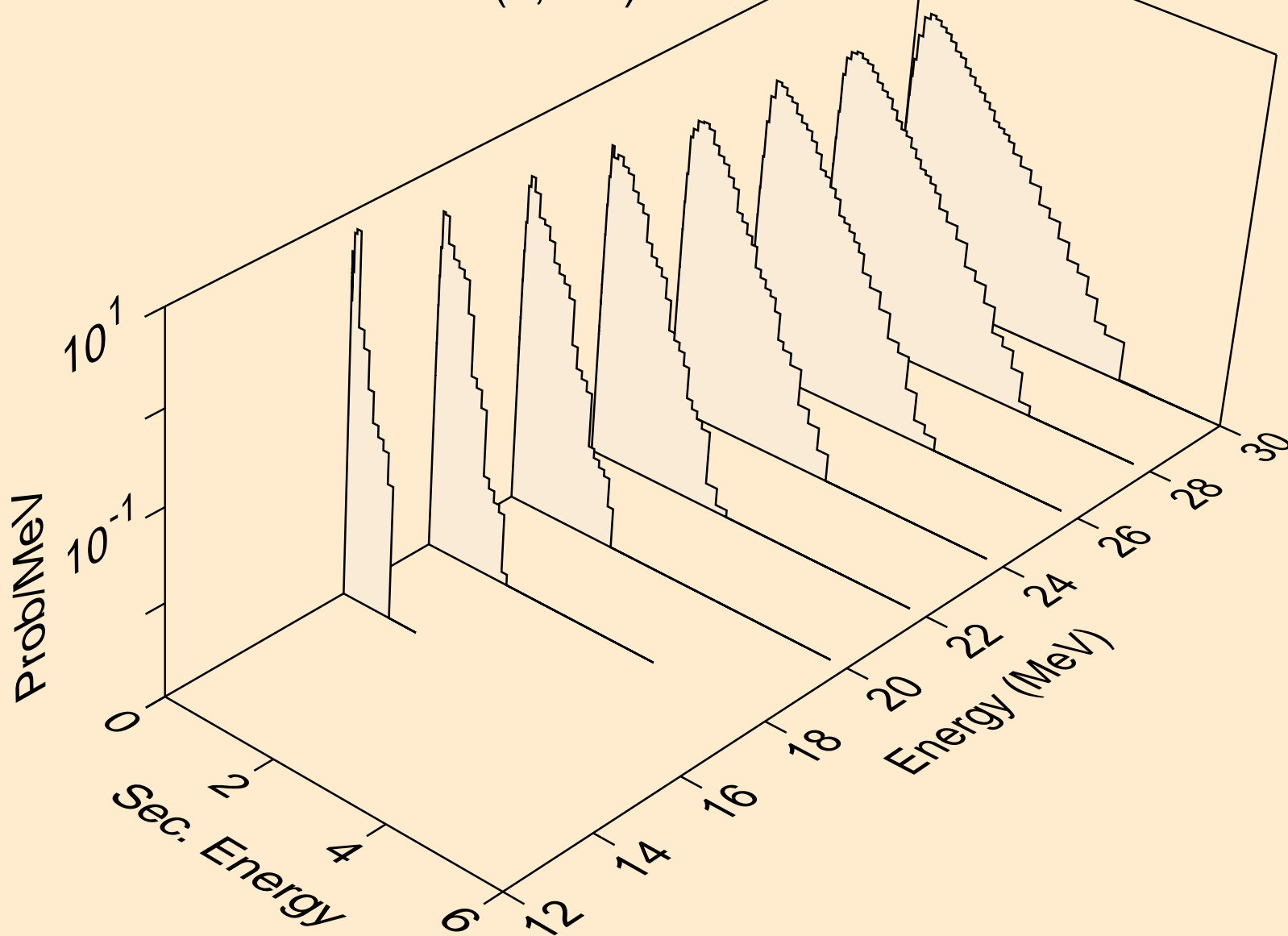
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Total fission nubar



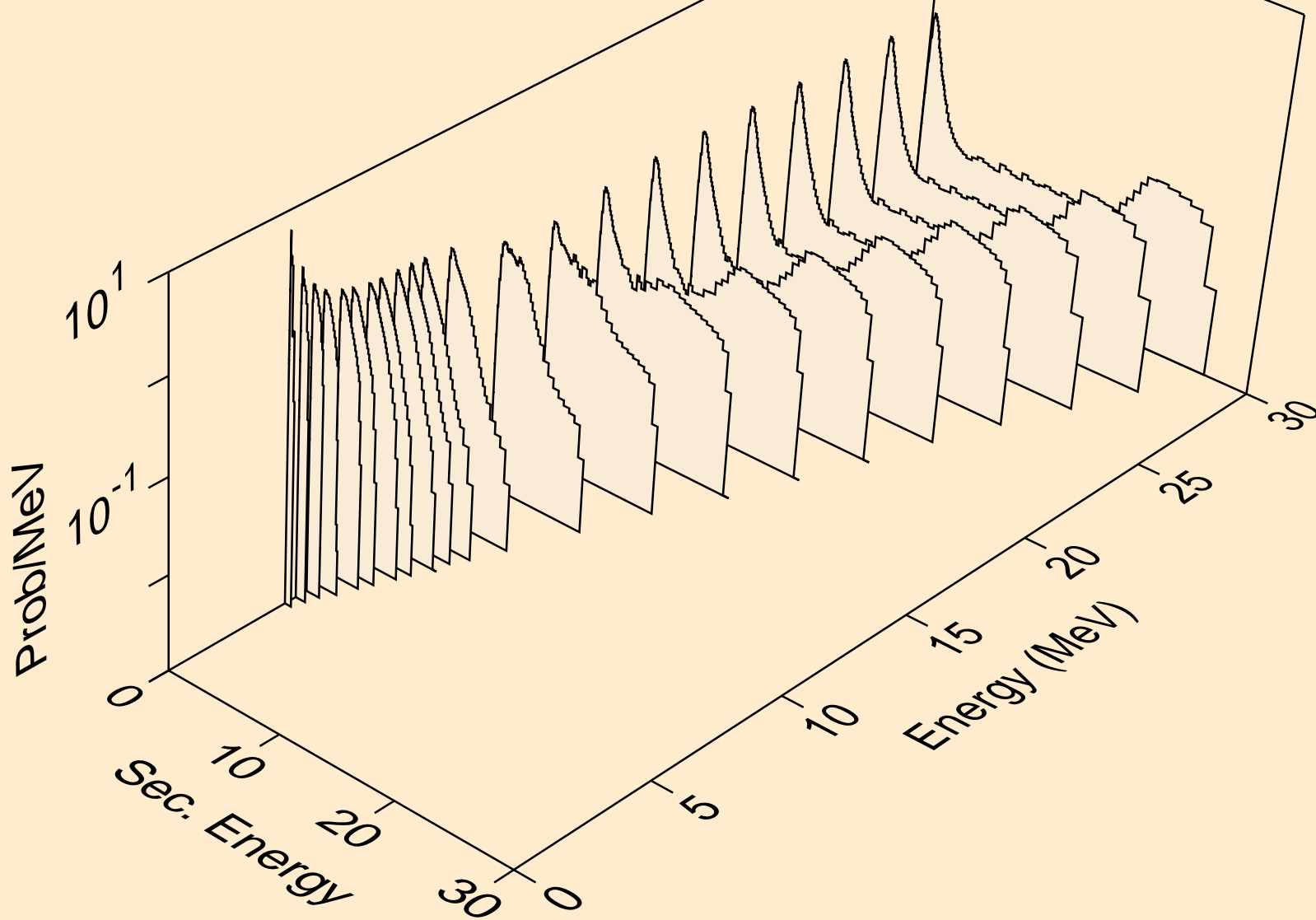
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



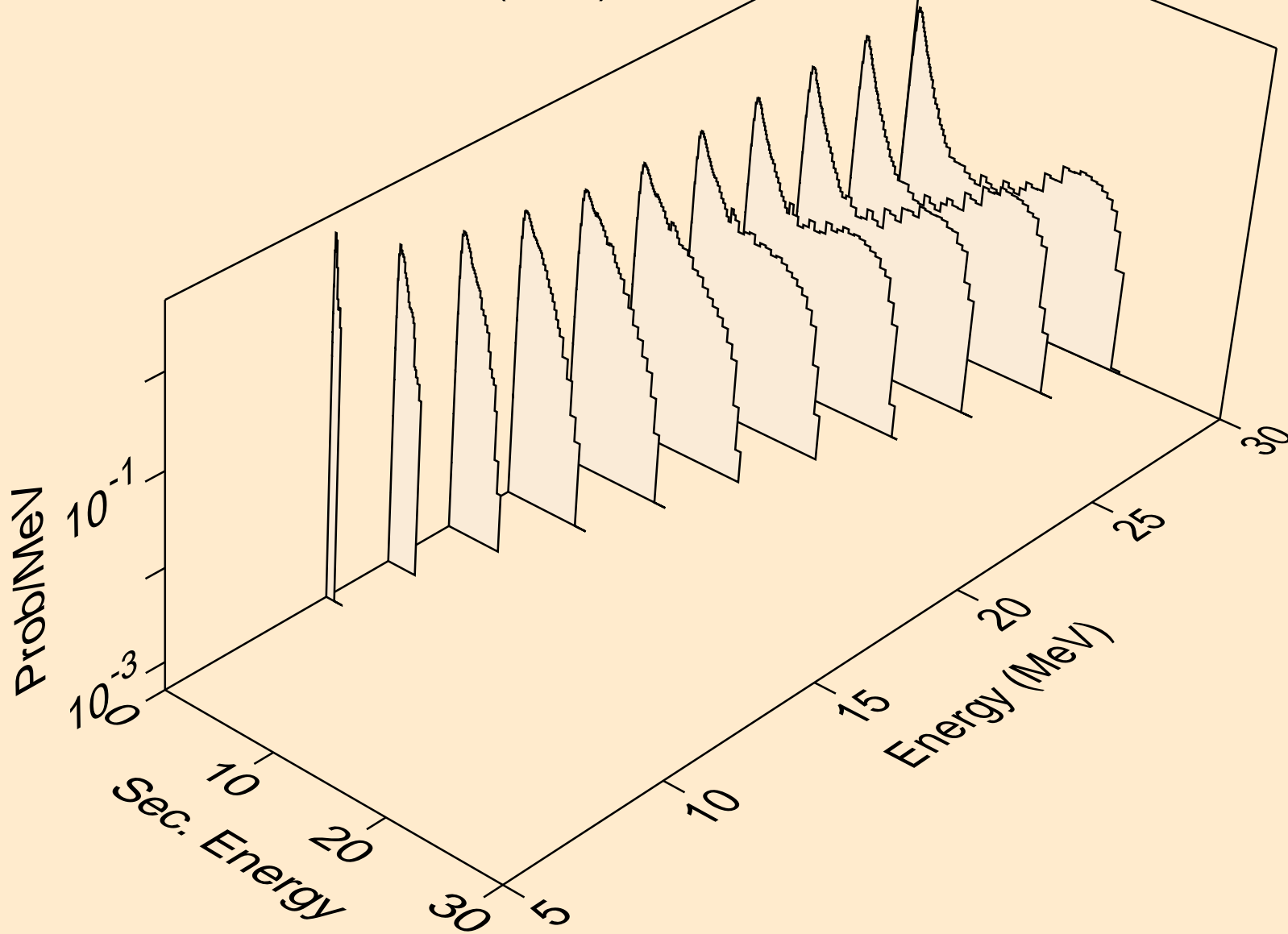
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



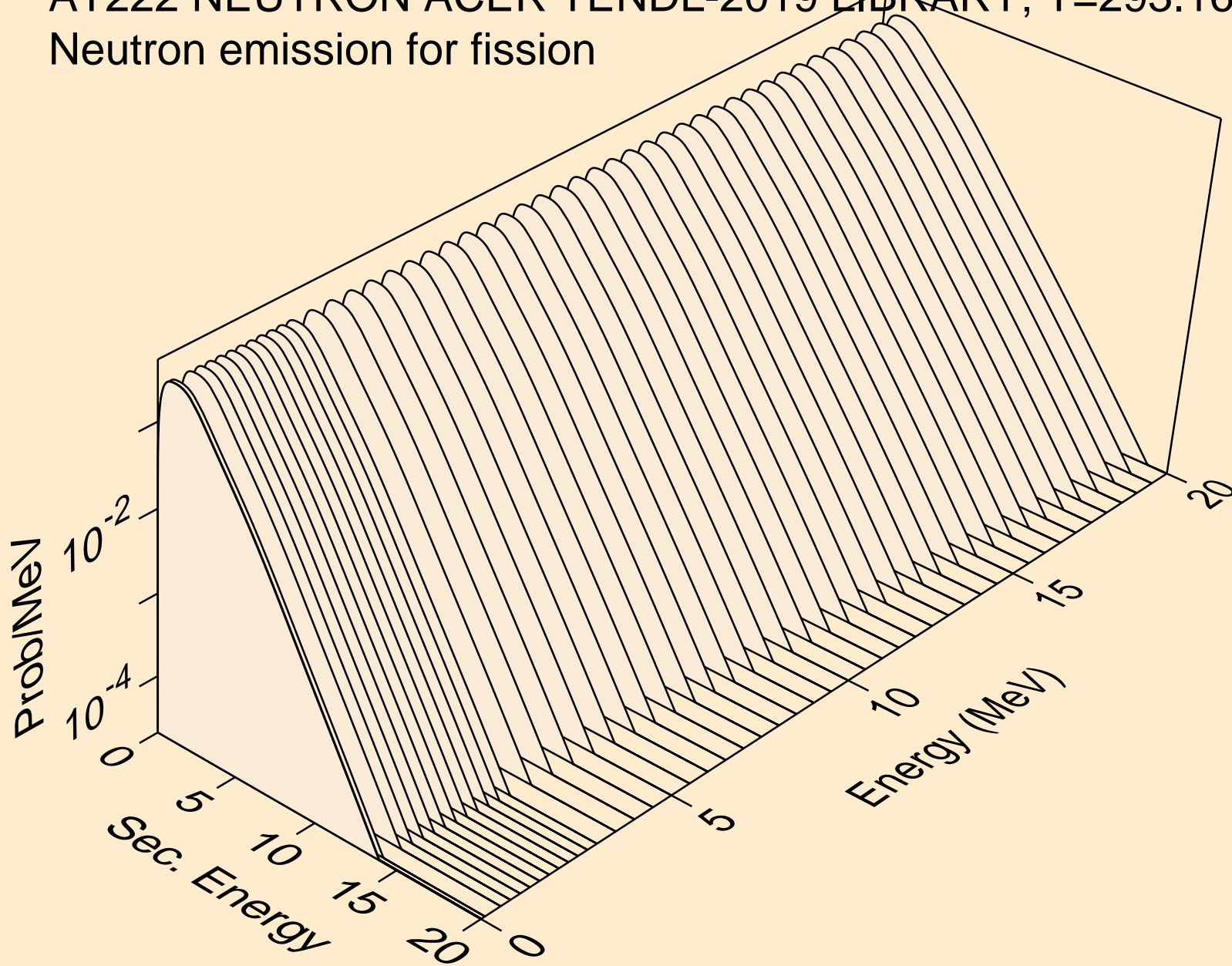
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)

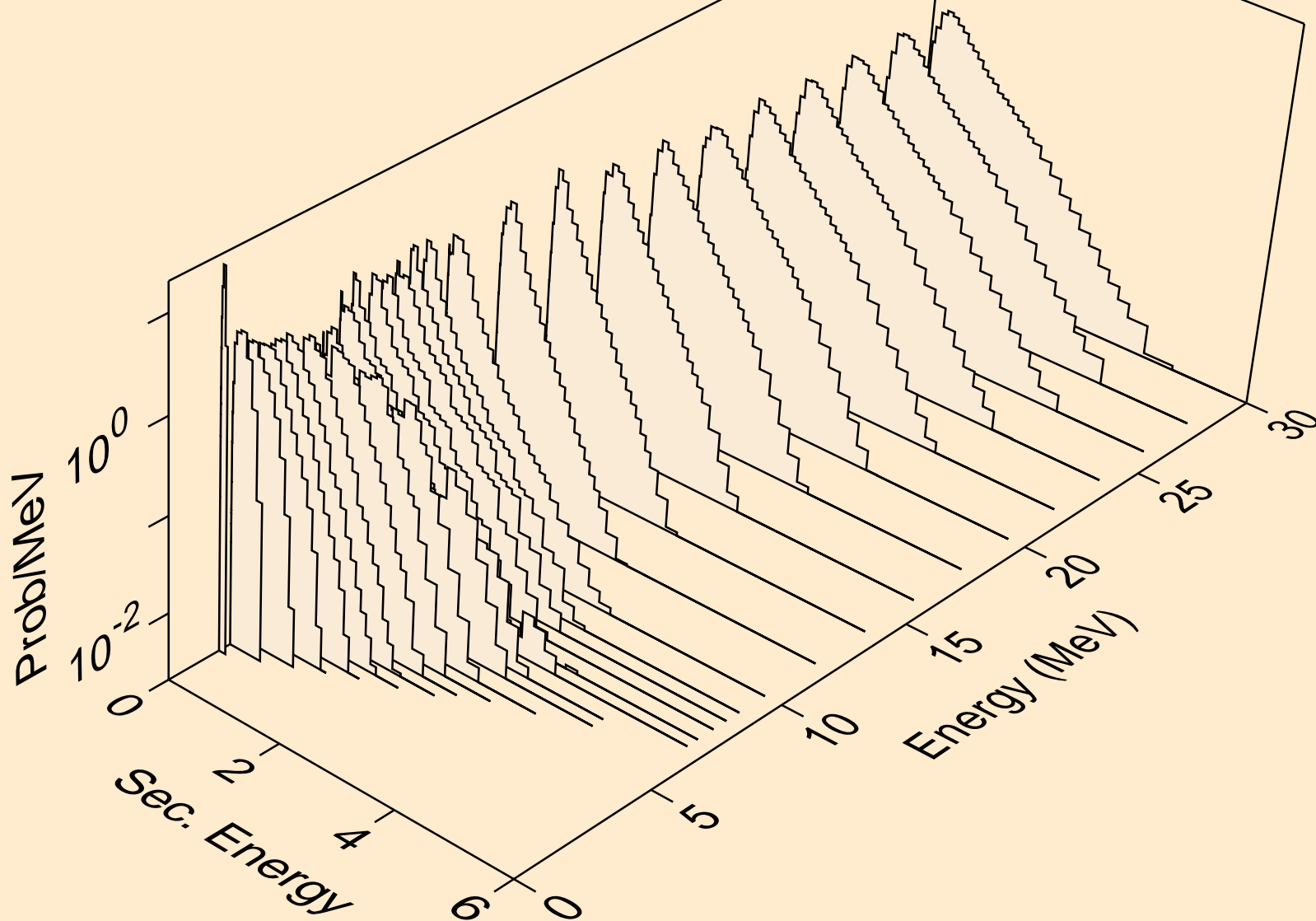


AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for fission

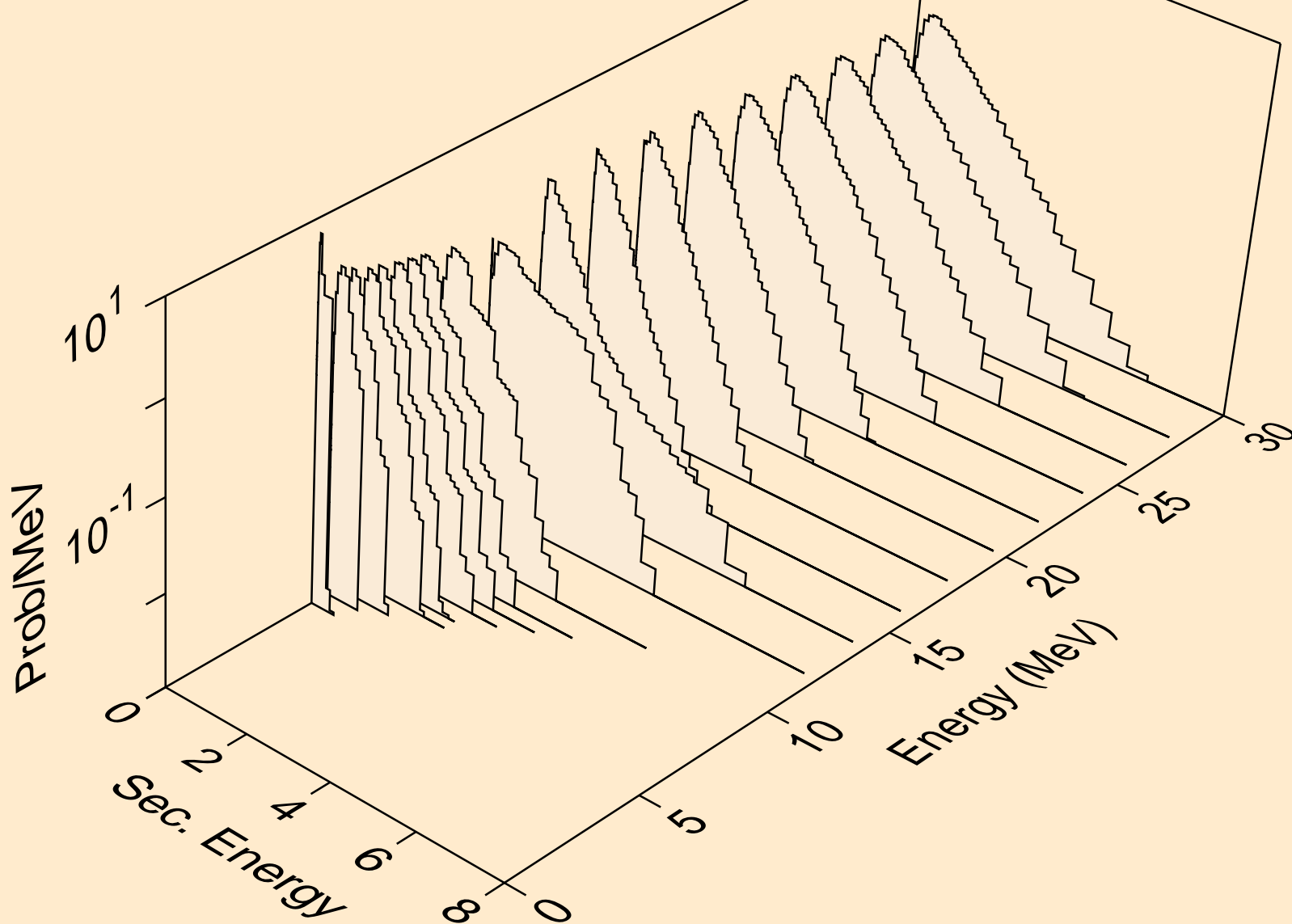




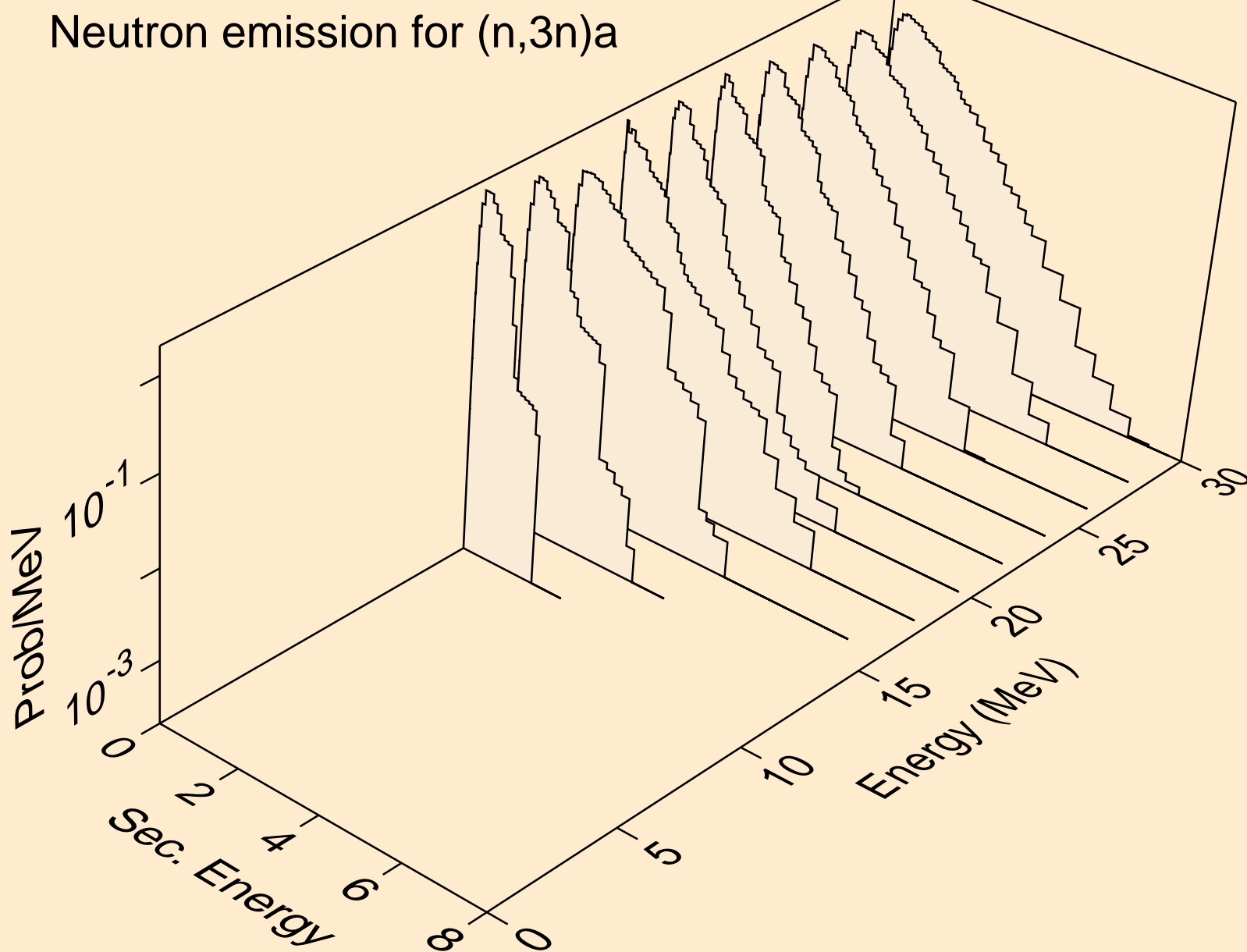
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



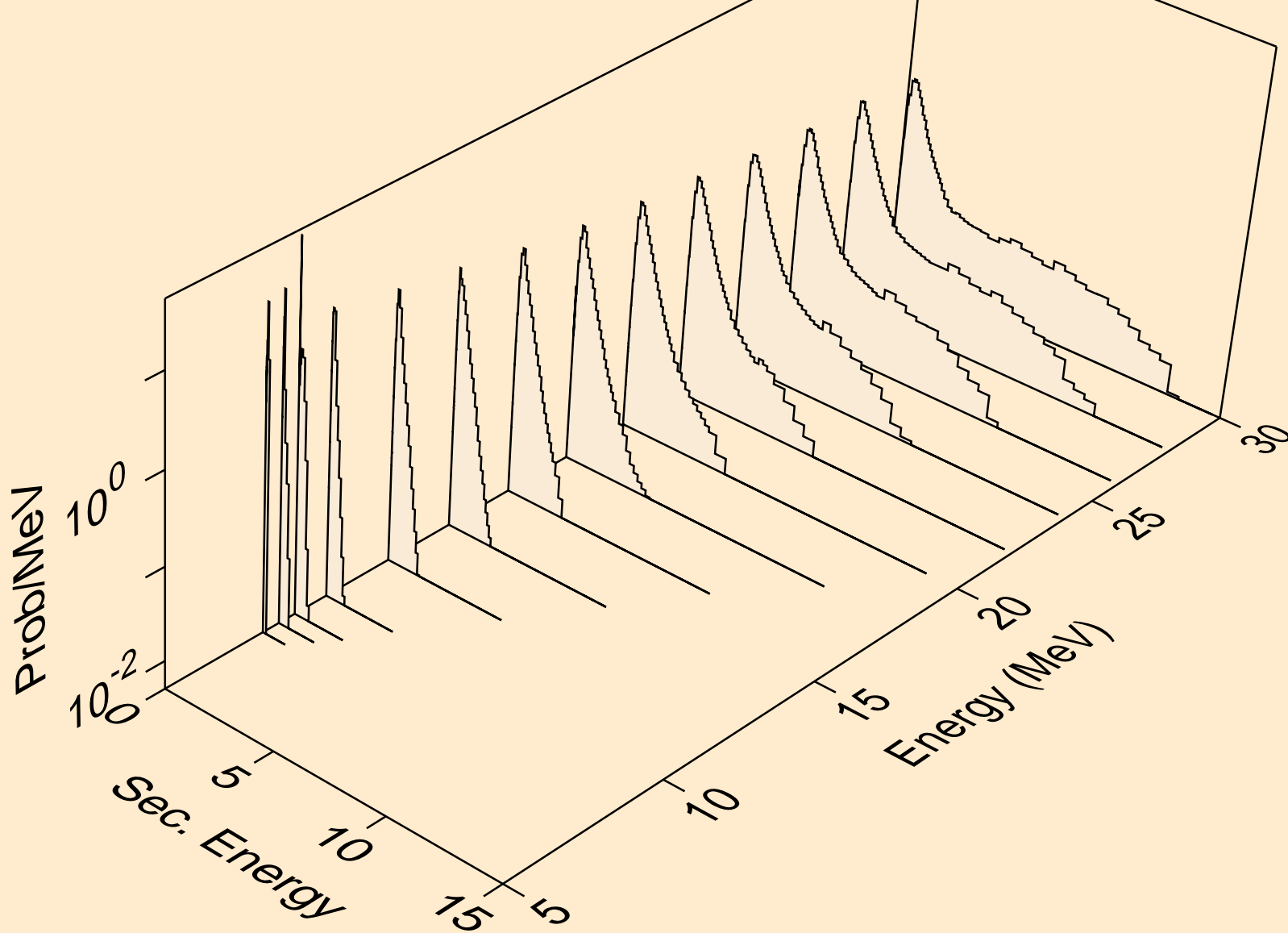
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



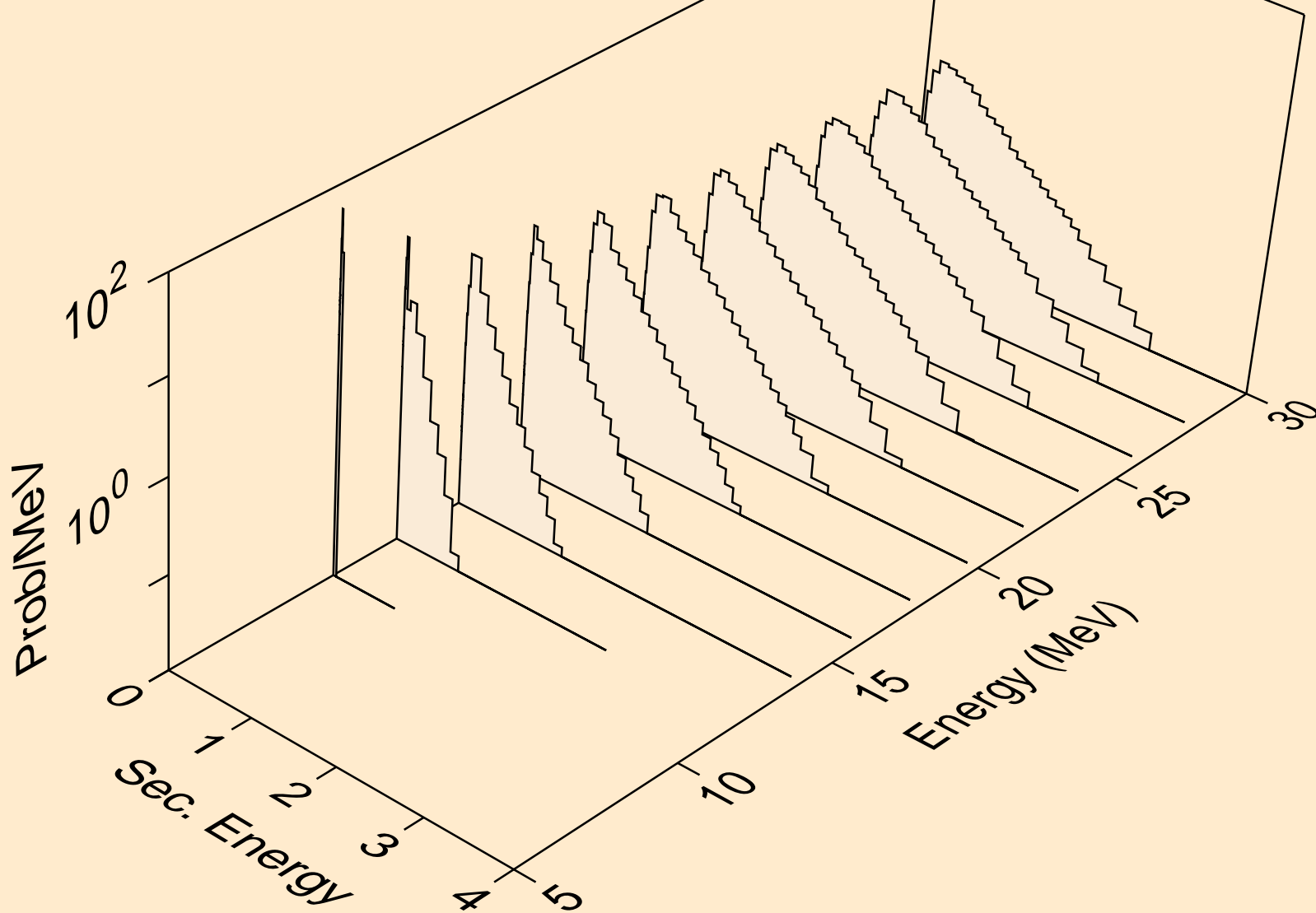
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



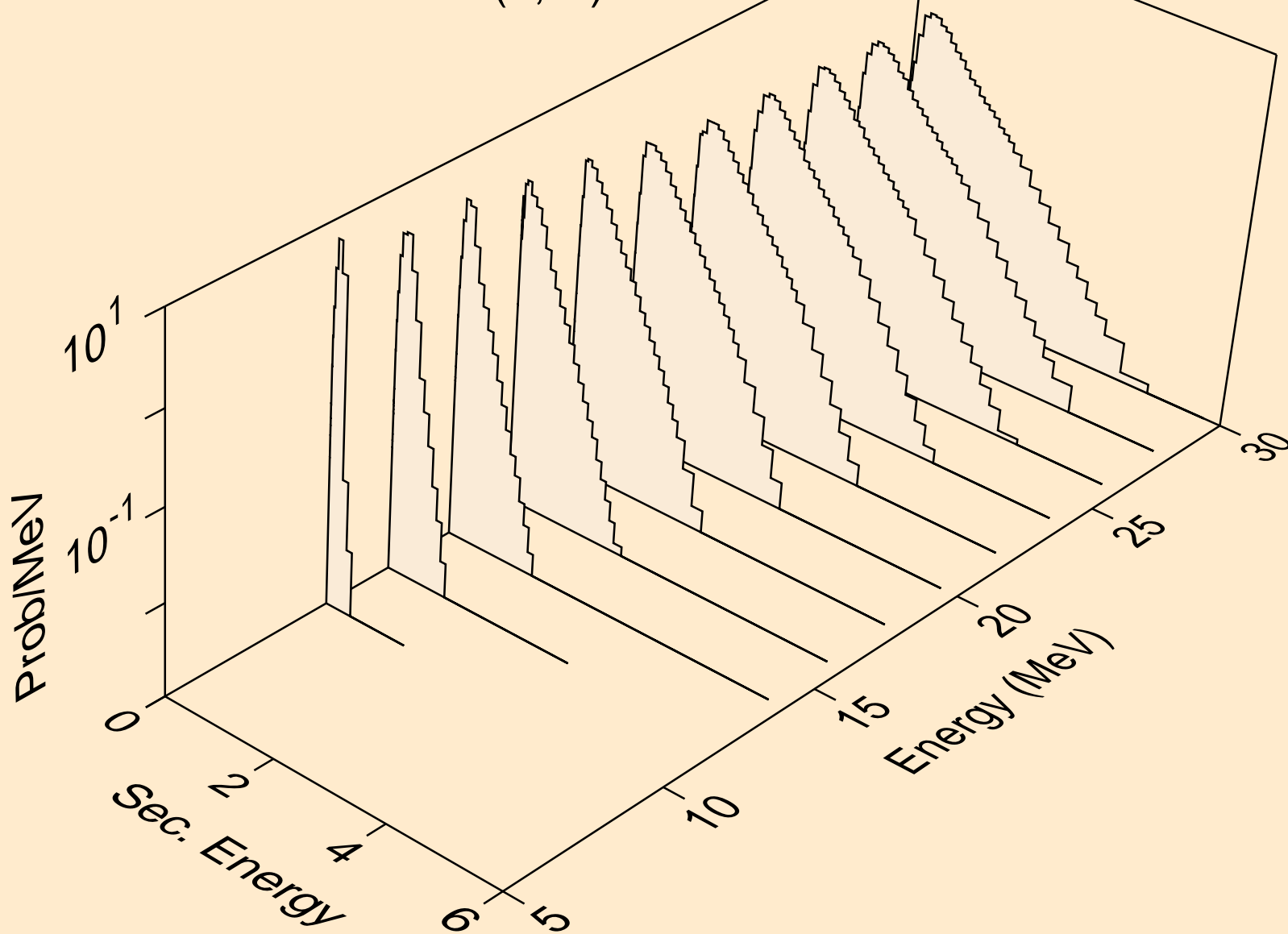
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



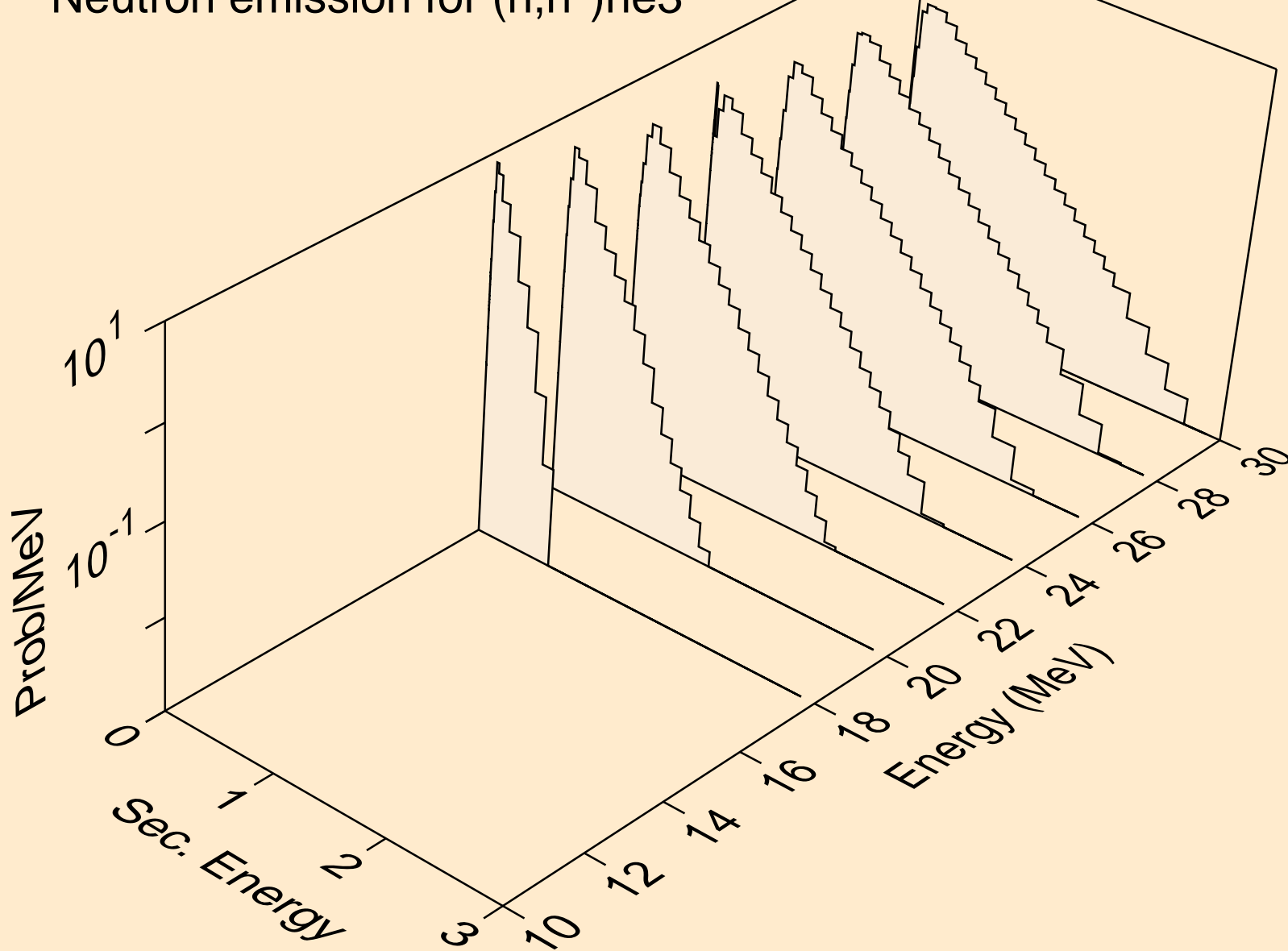
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



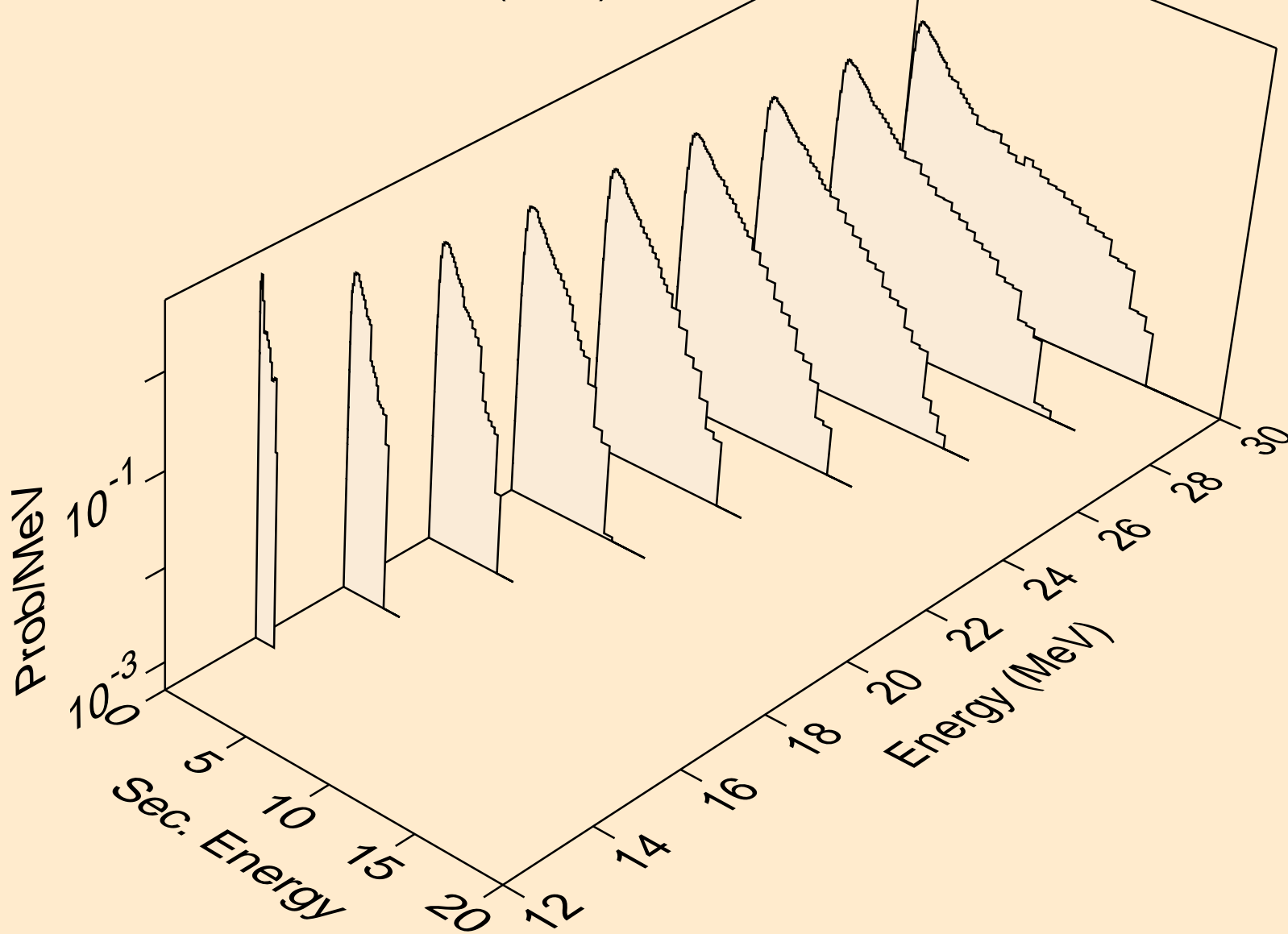
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3

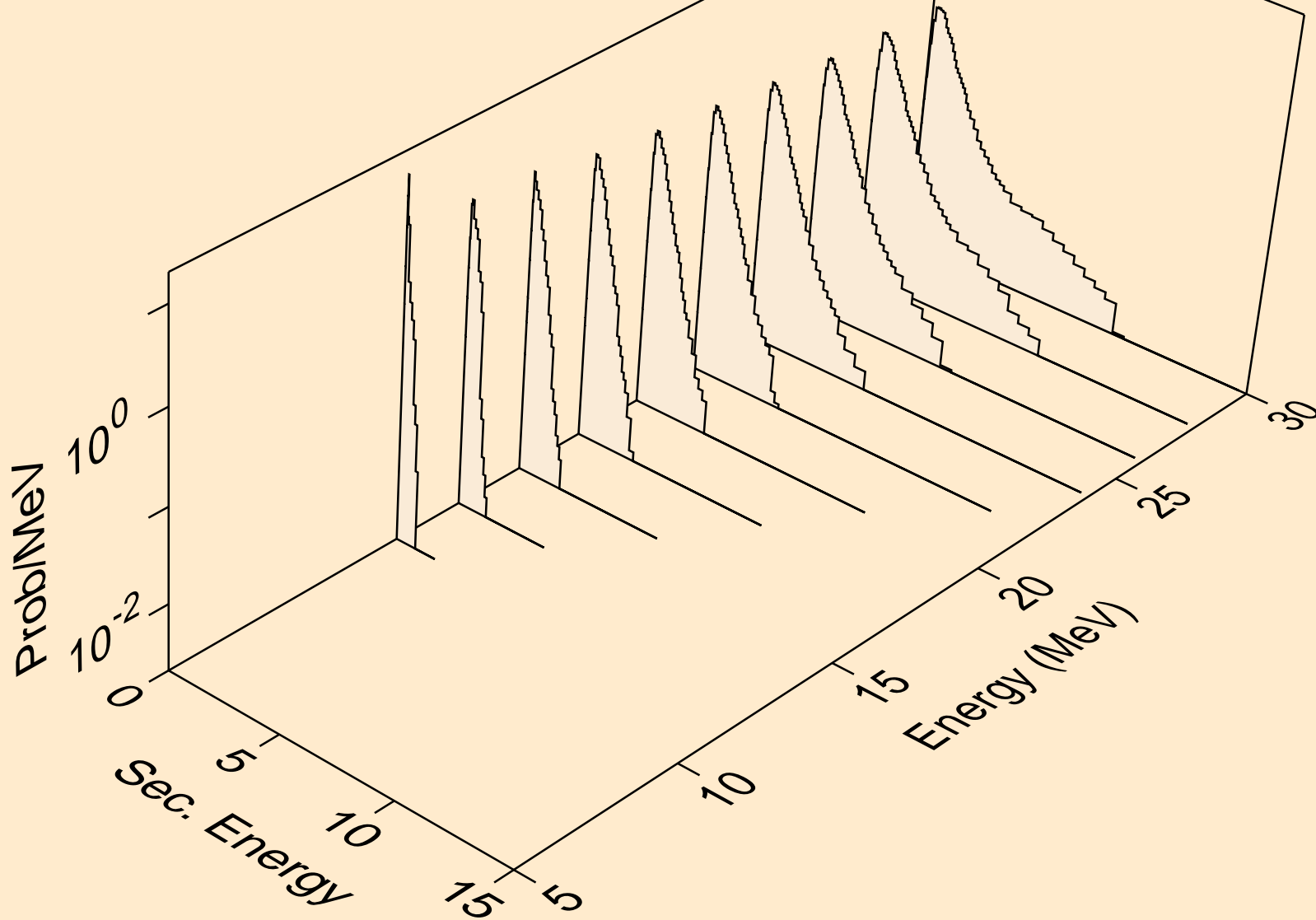


AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)

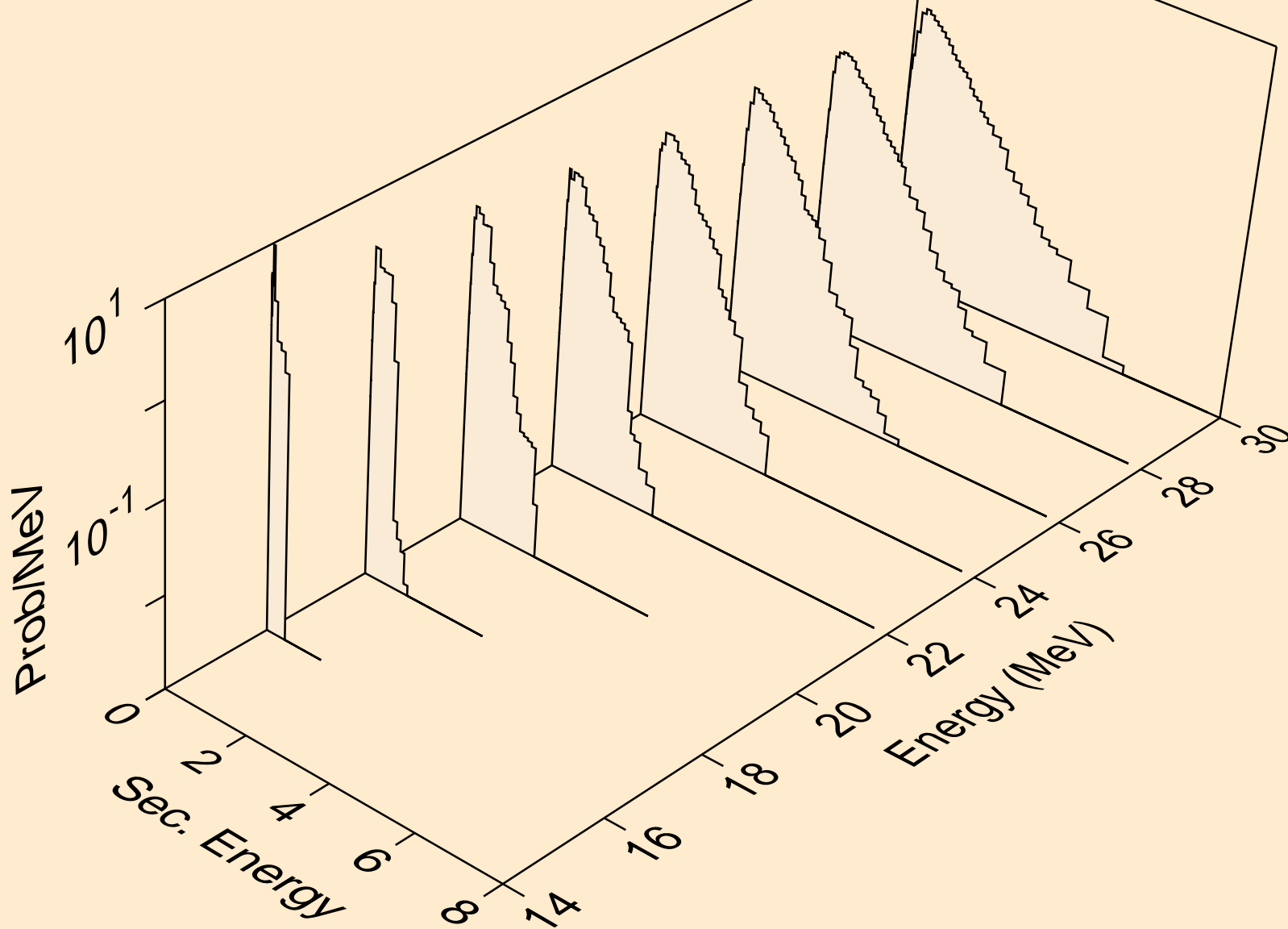




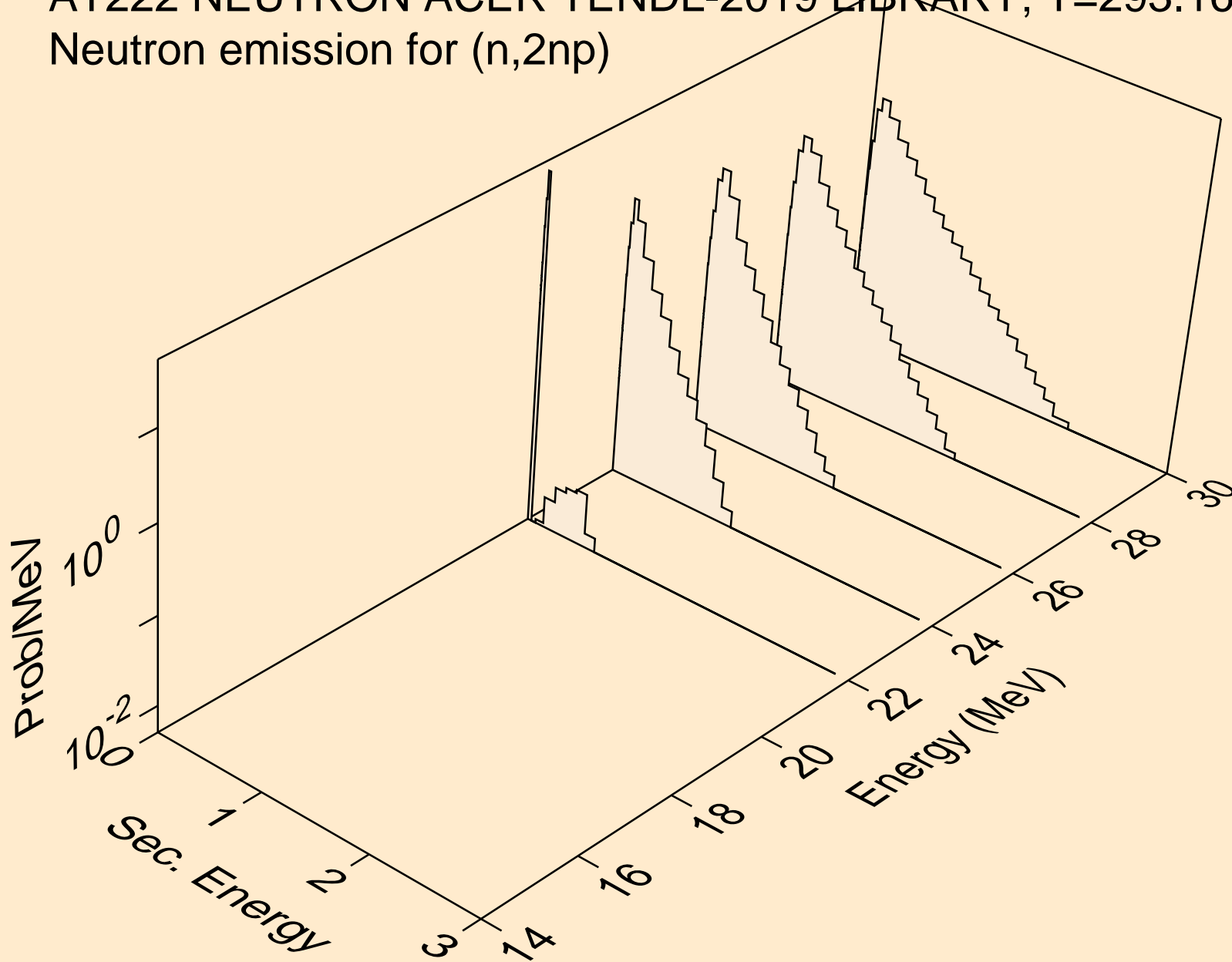
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



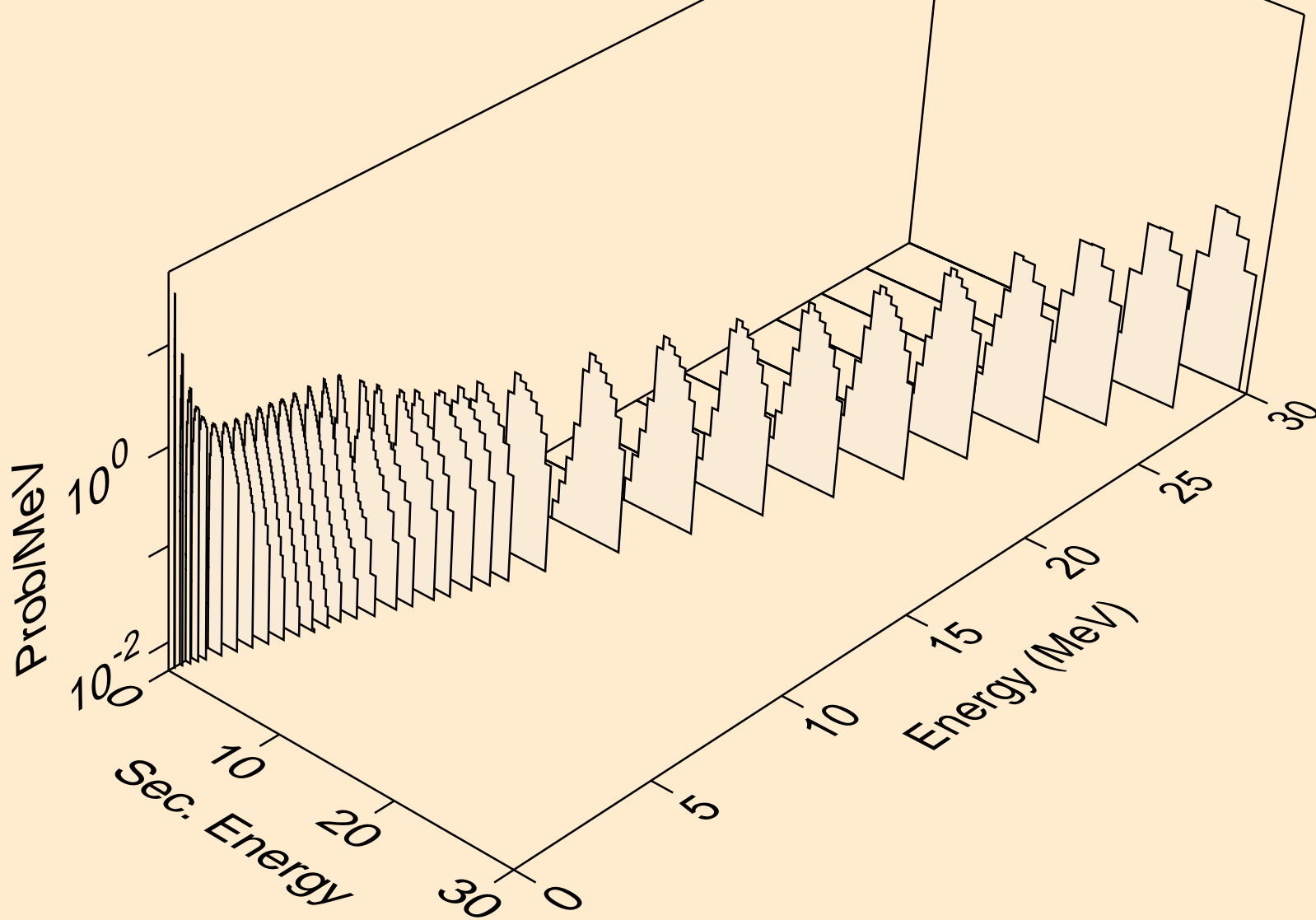
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)



AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)

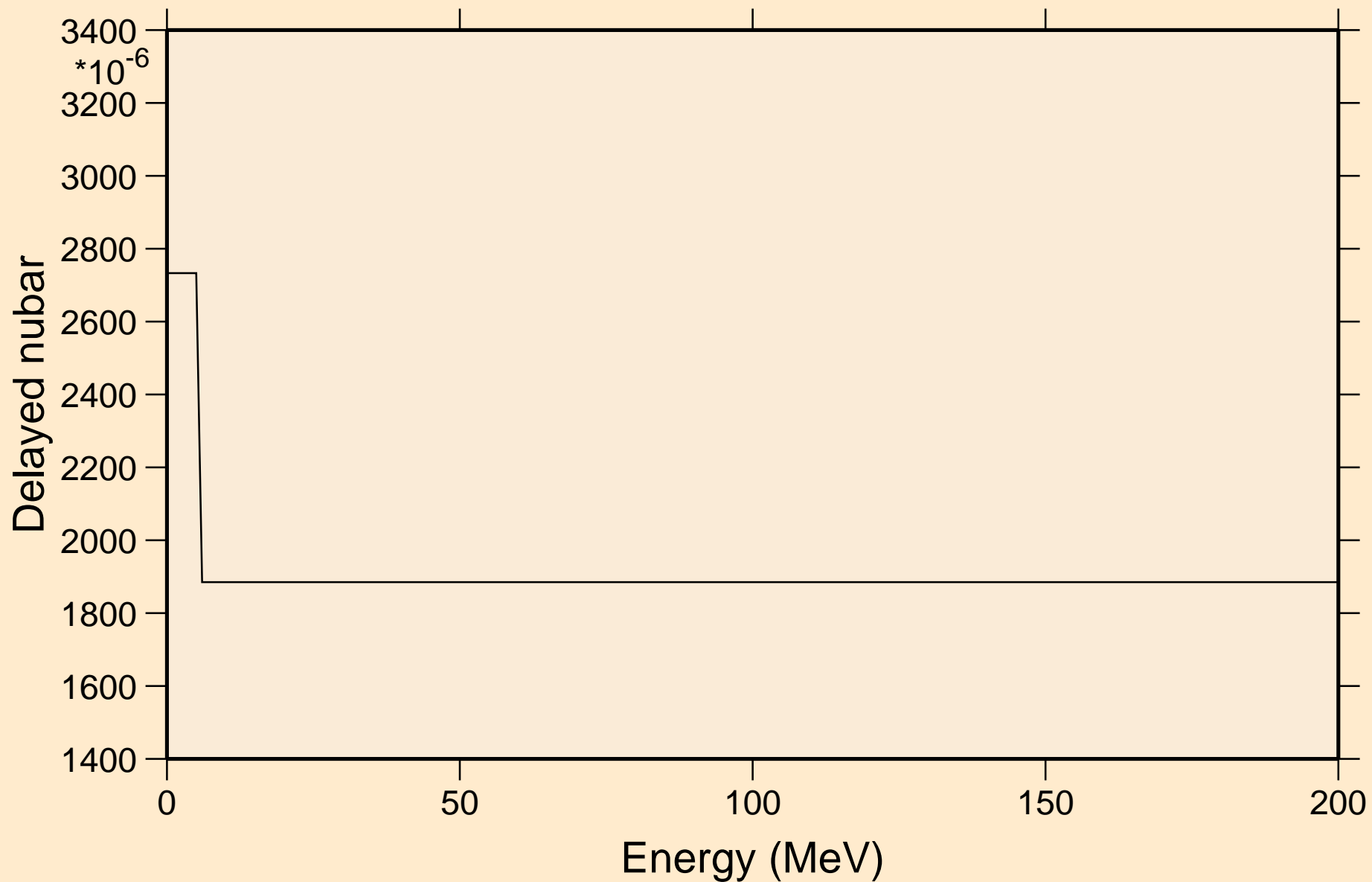


AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



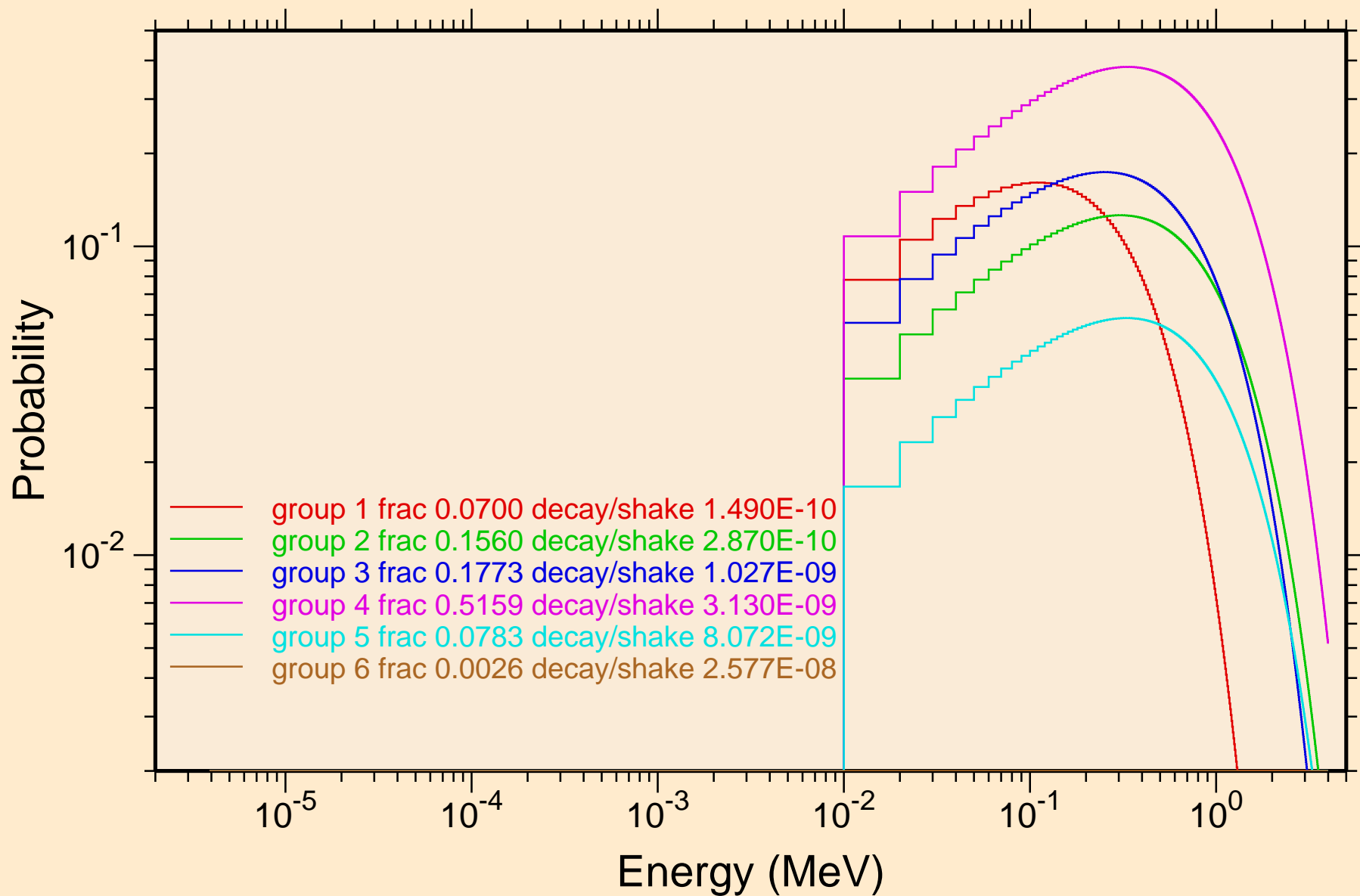
# AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Delayed nubar

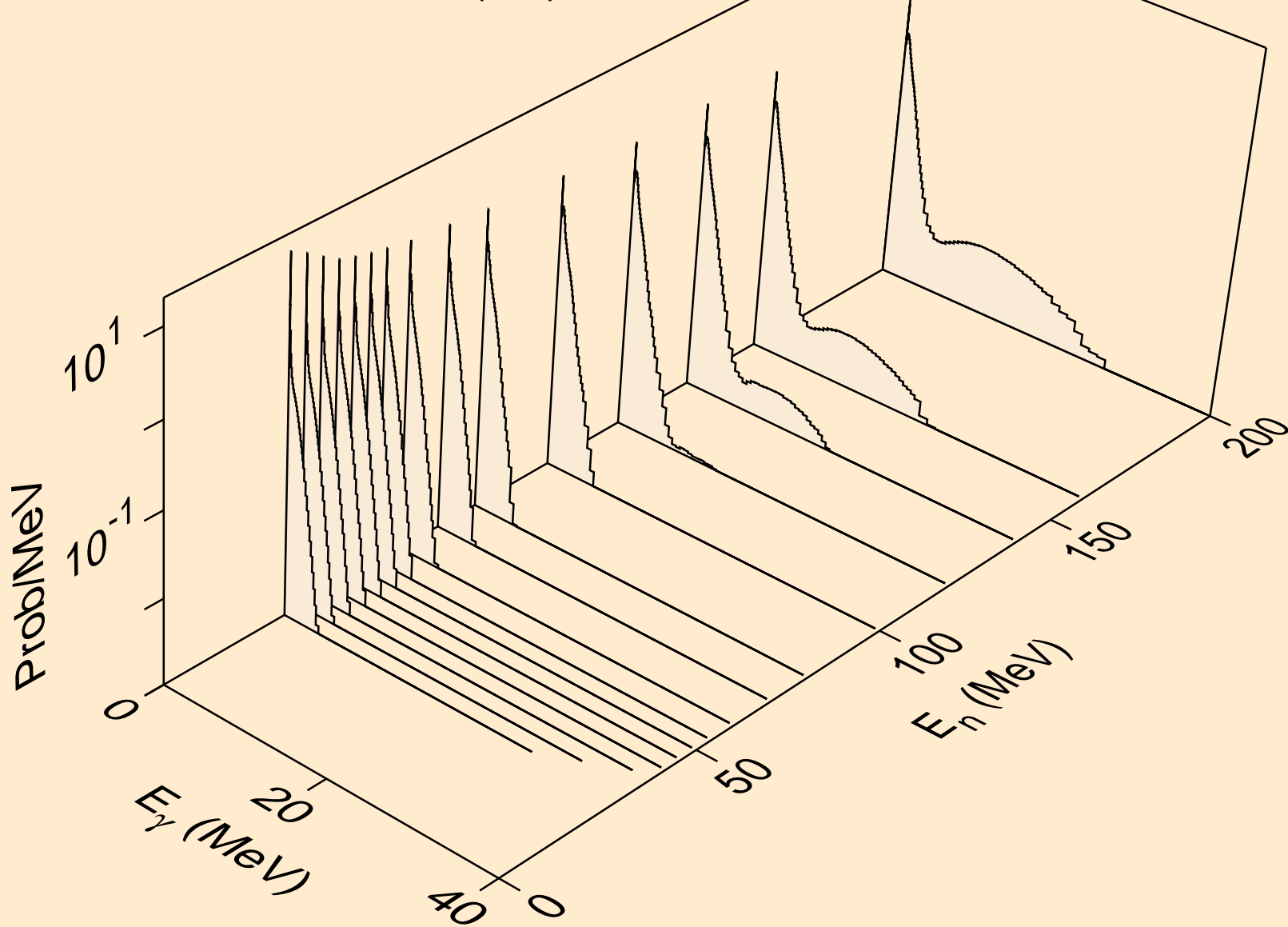


# AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

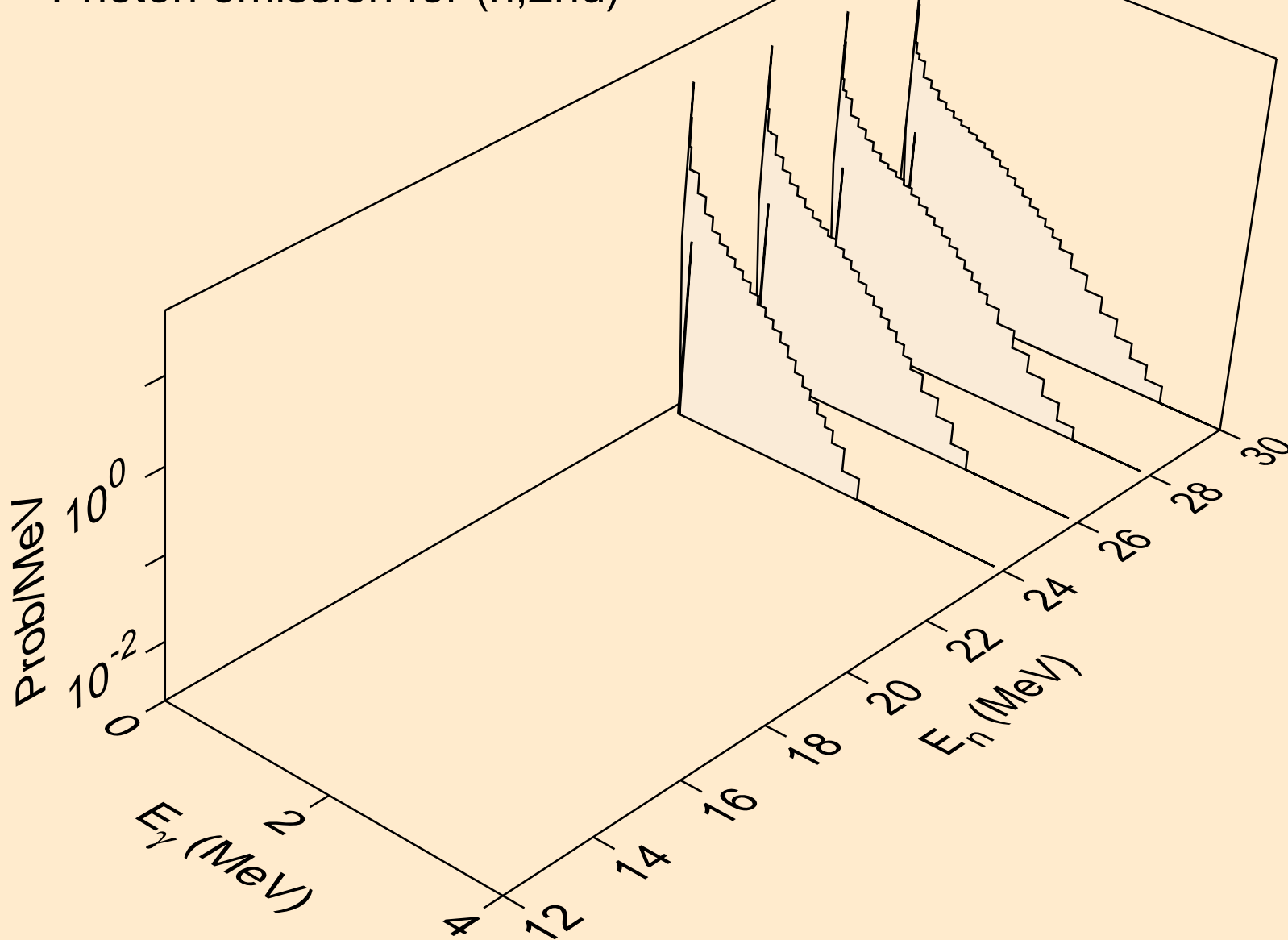
## Delayed neutron spectra



AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)

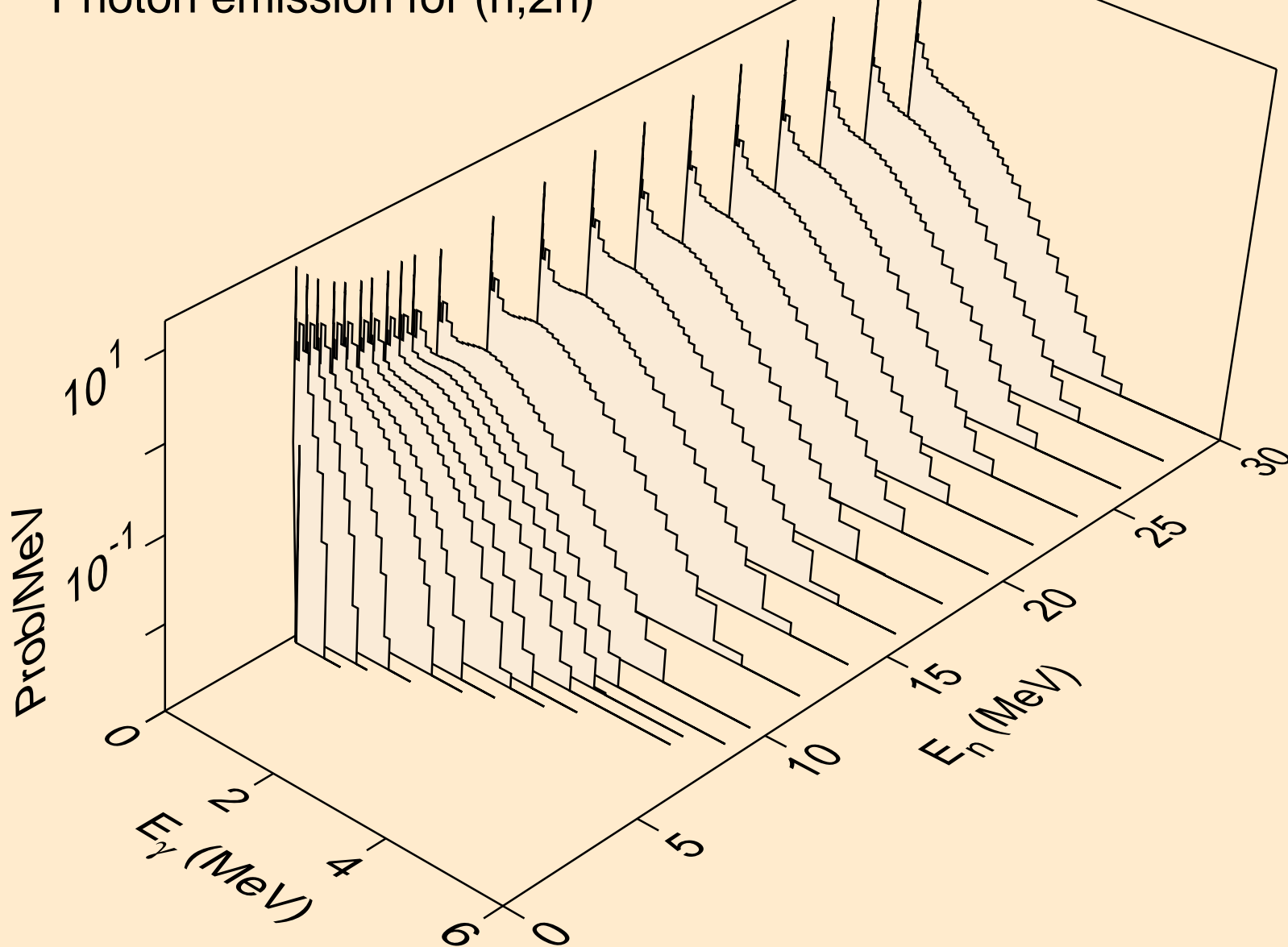


AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)

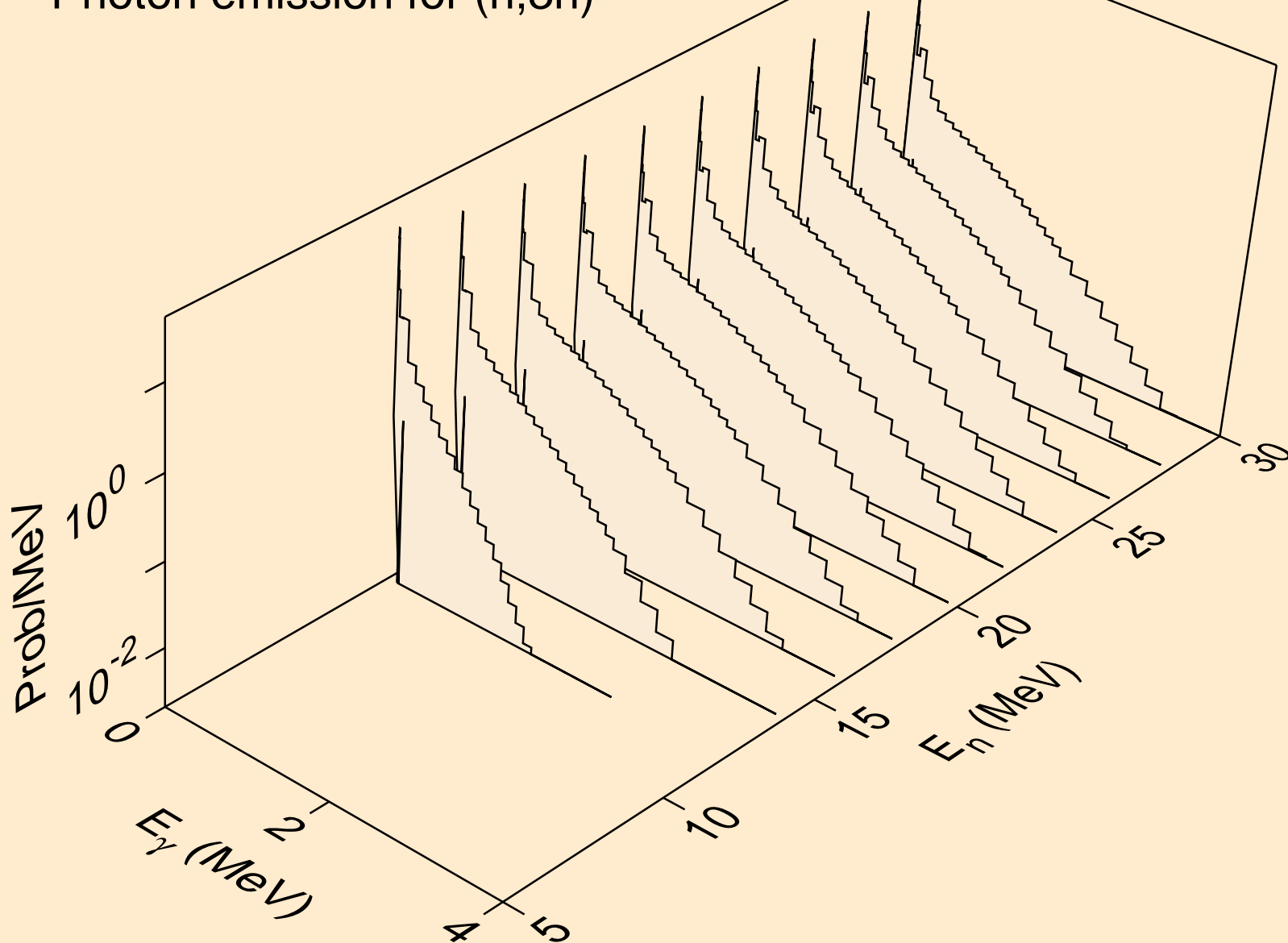




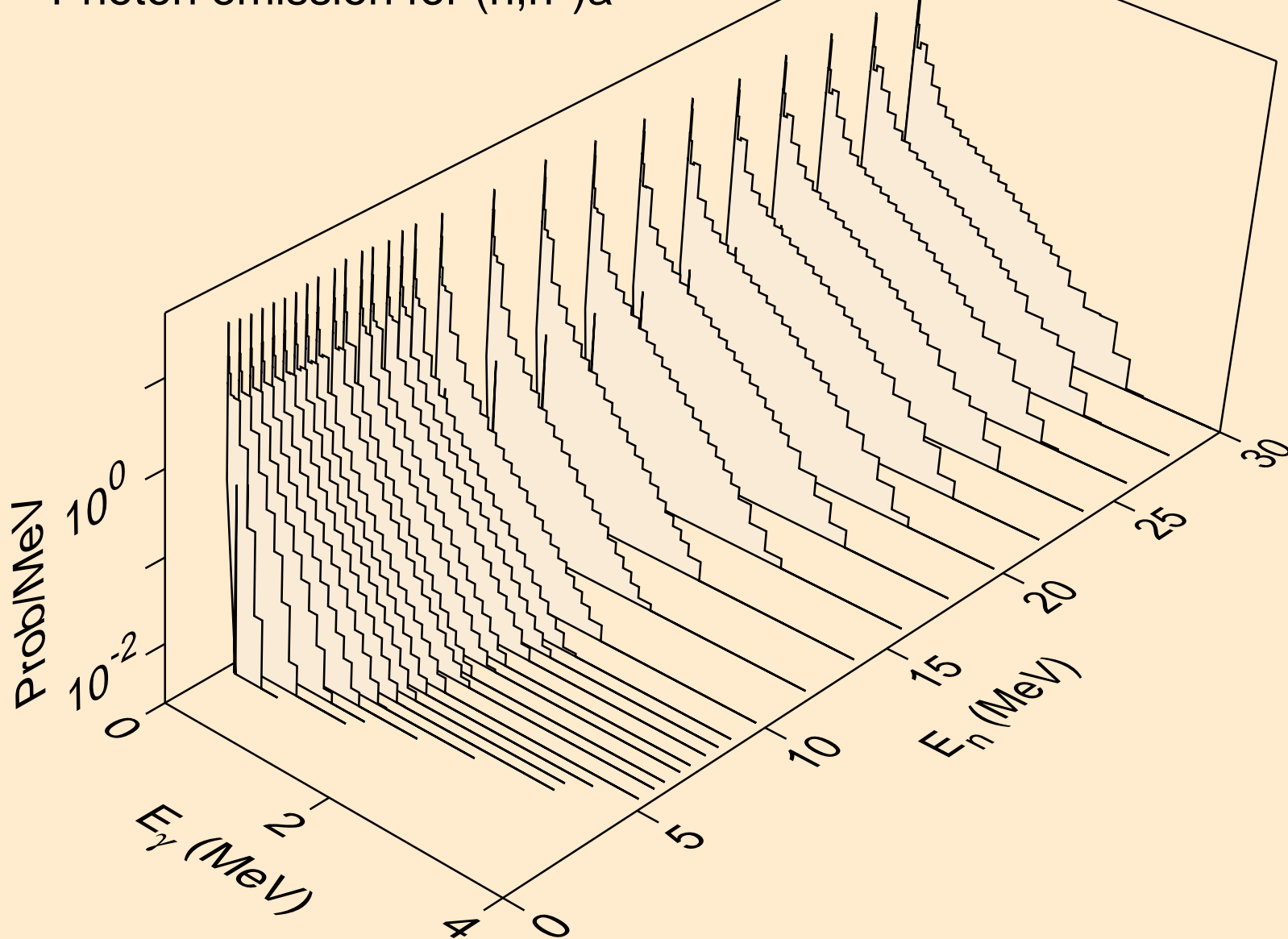
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



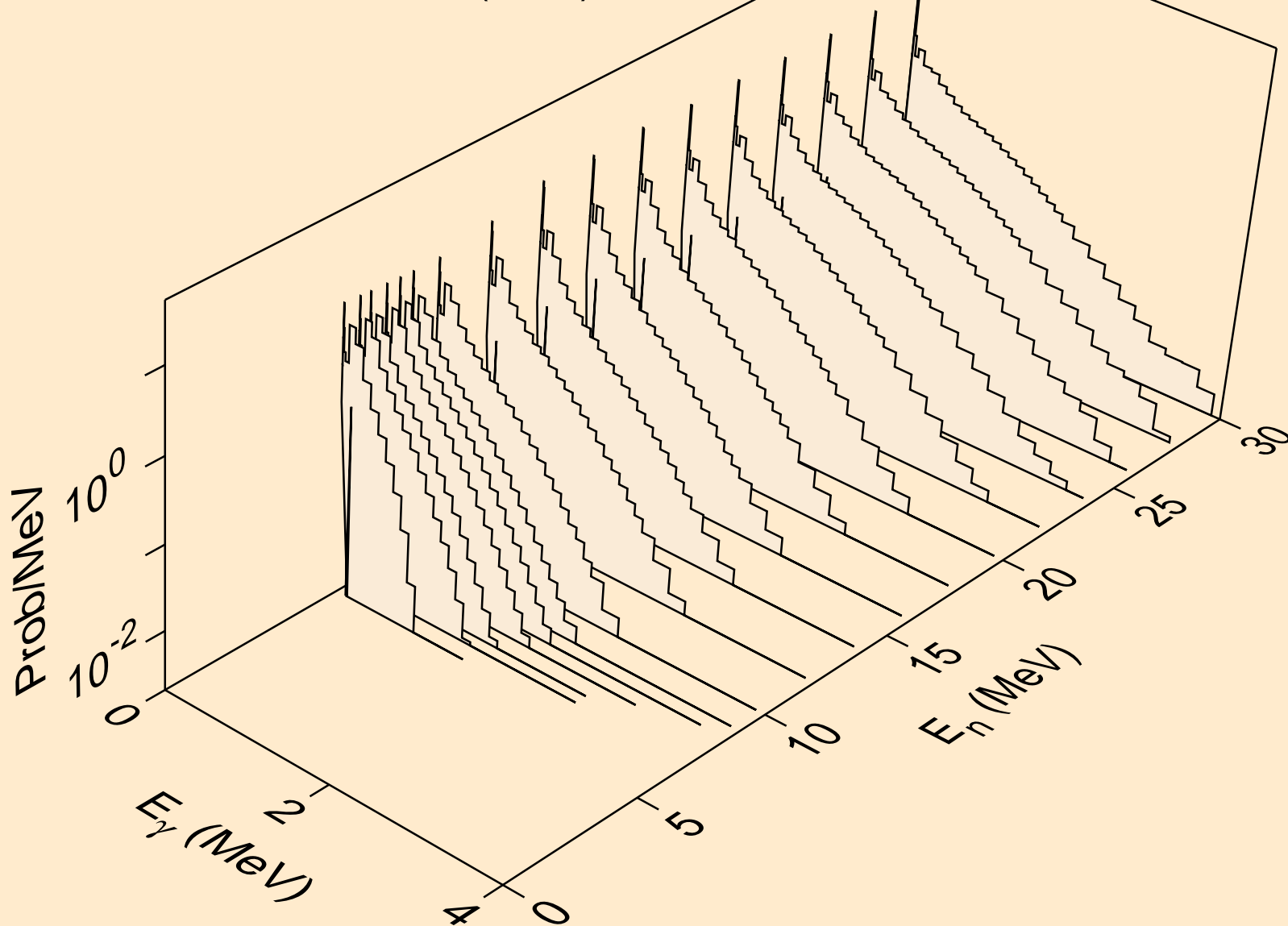
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



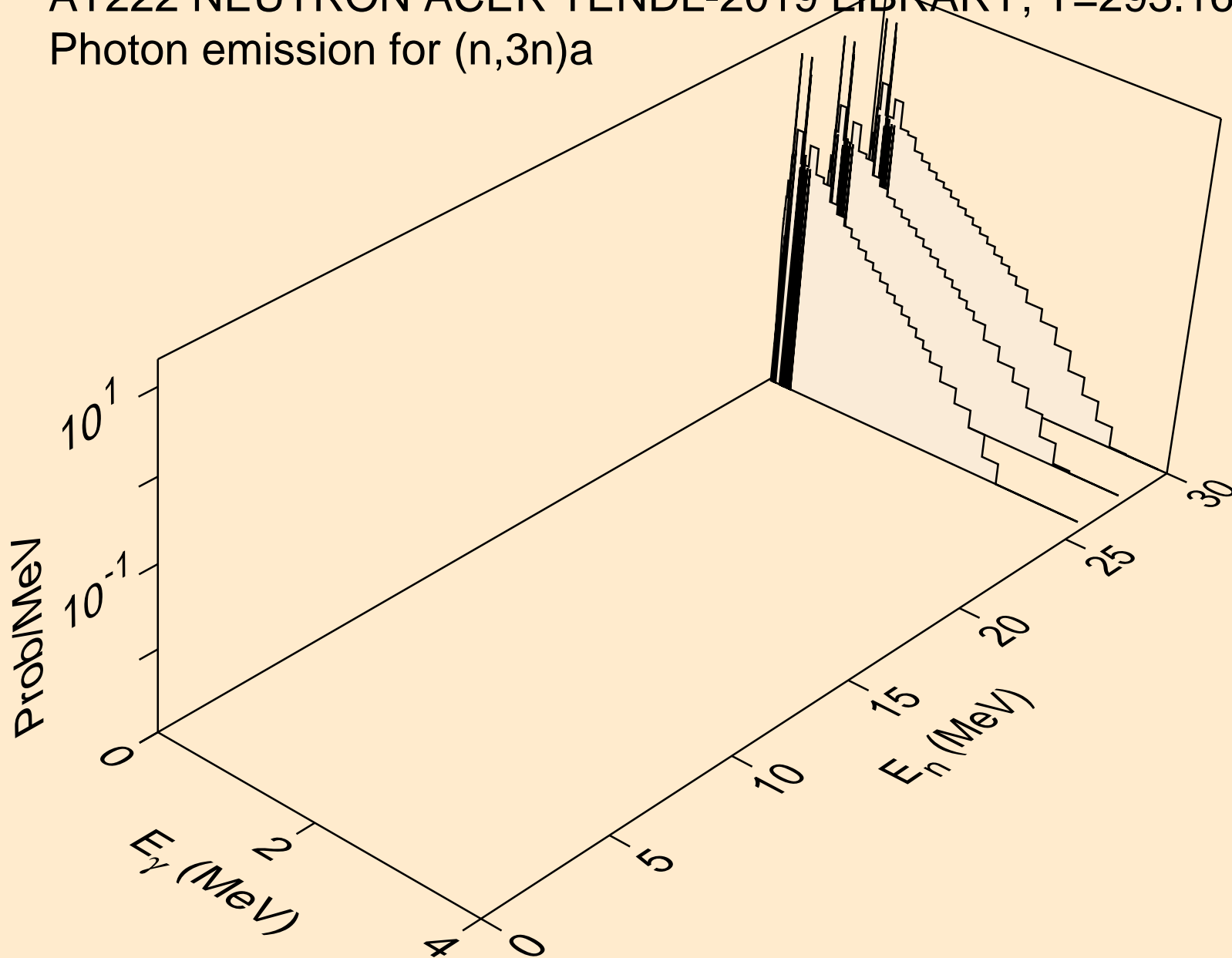
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



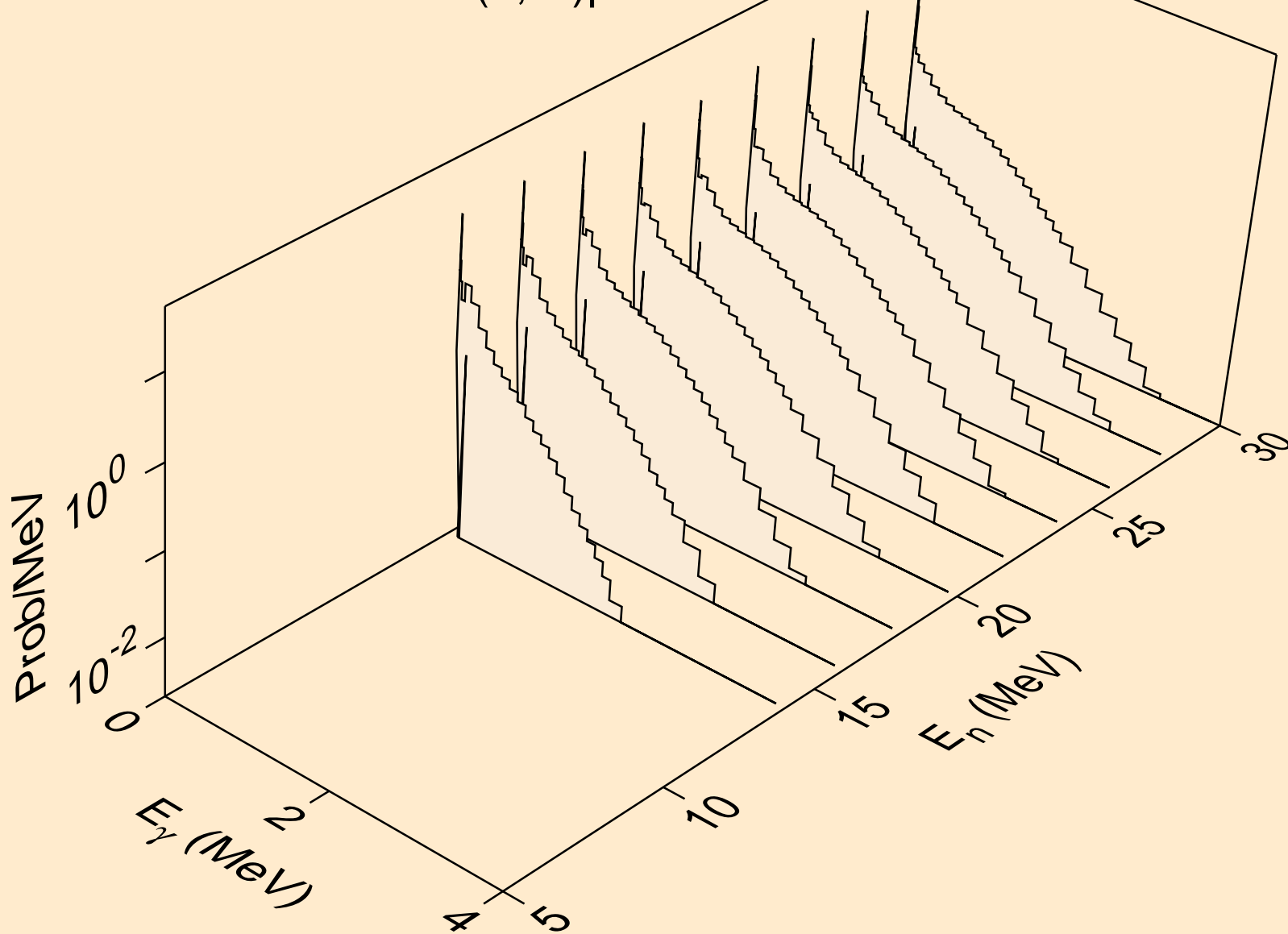
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n) $\alpha$



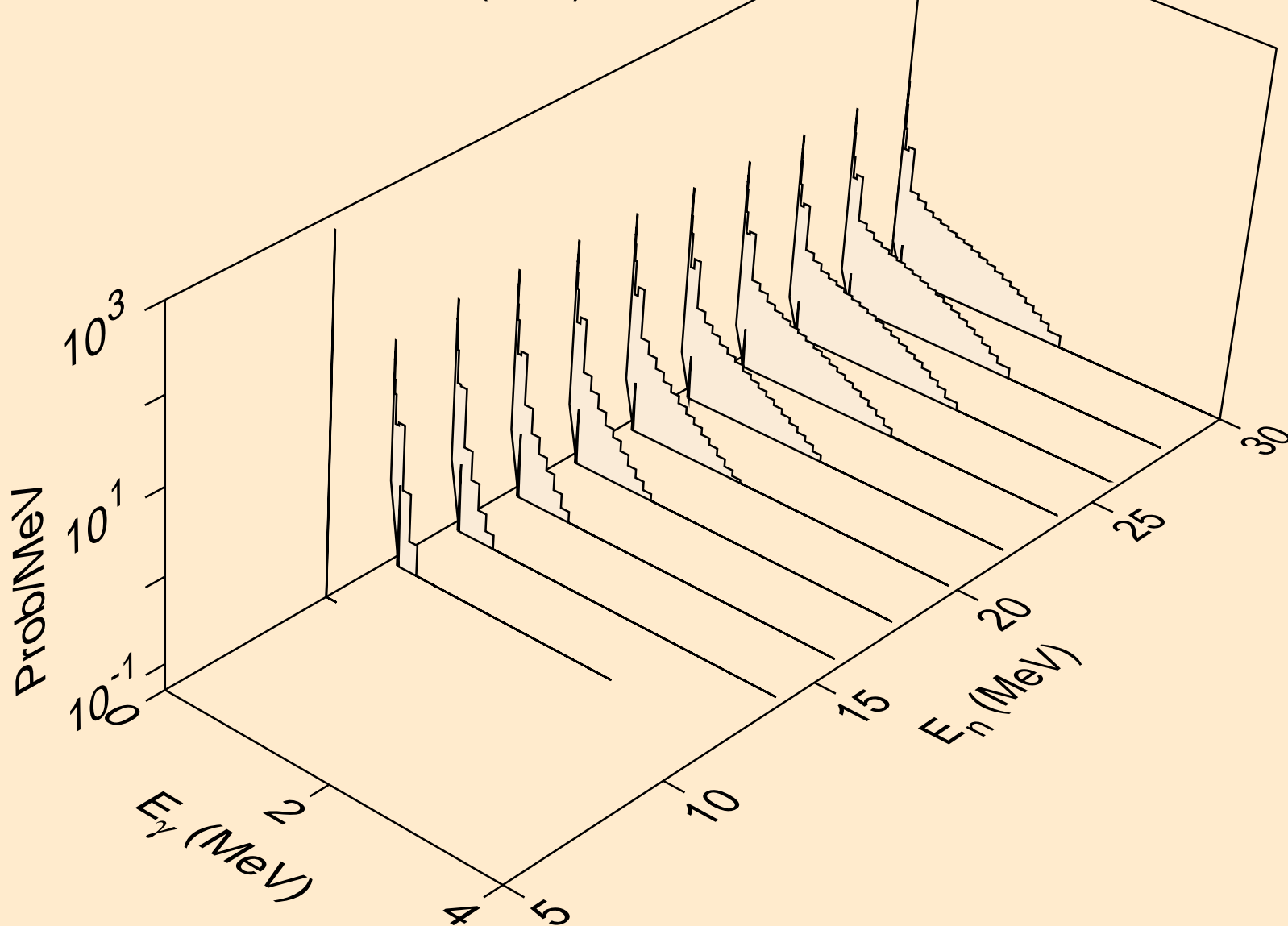
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a



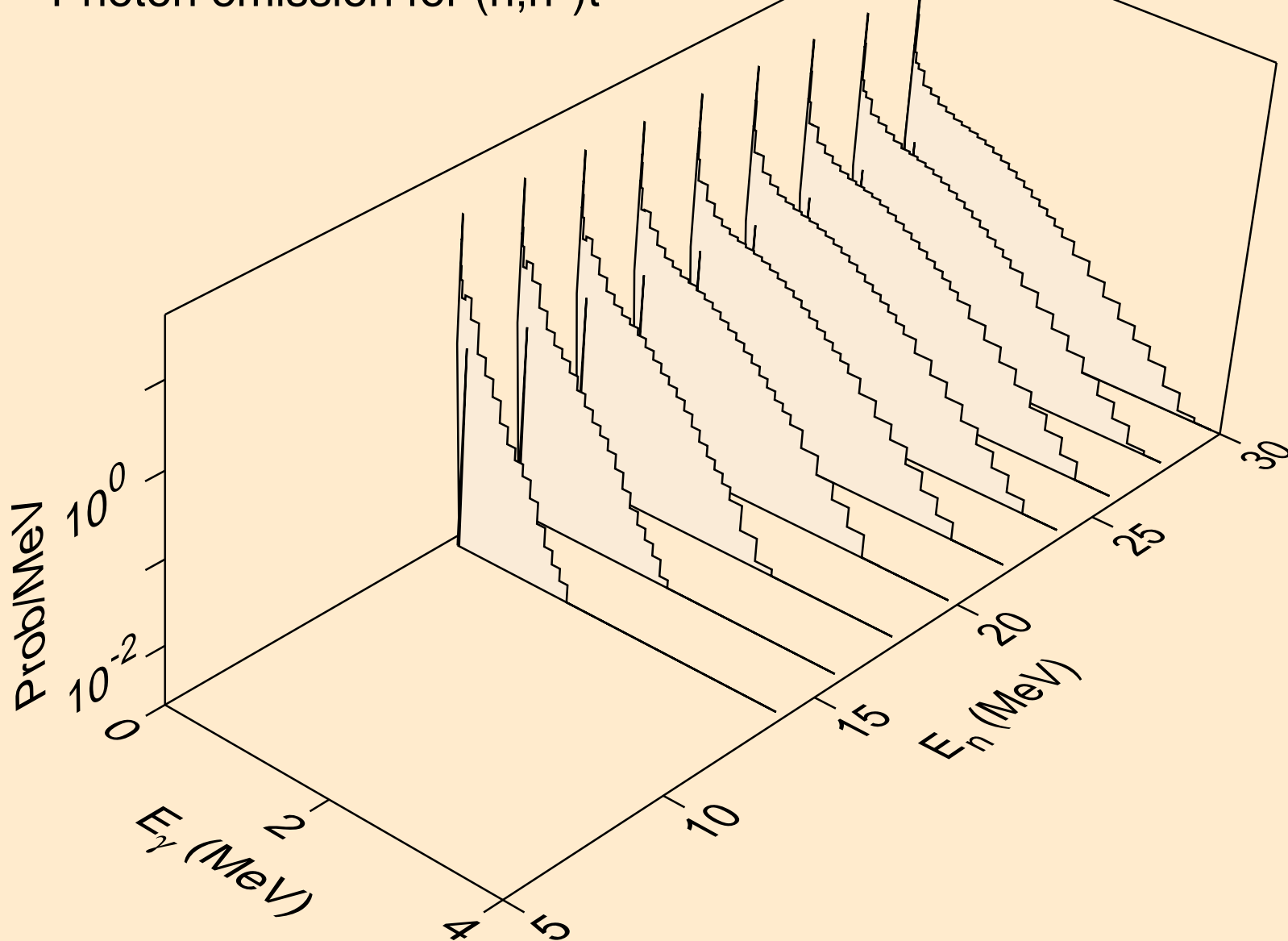
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d

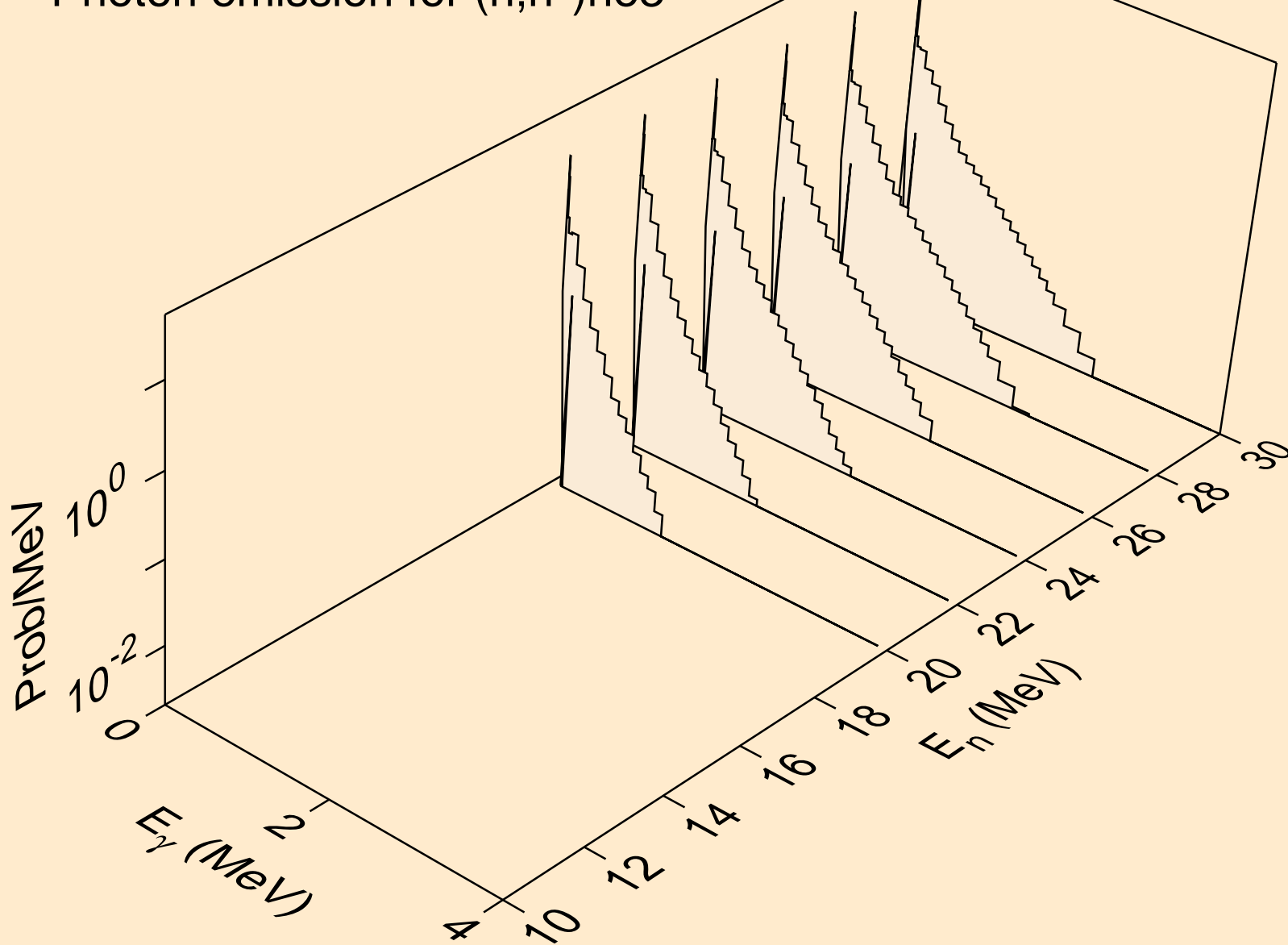


AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t

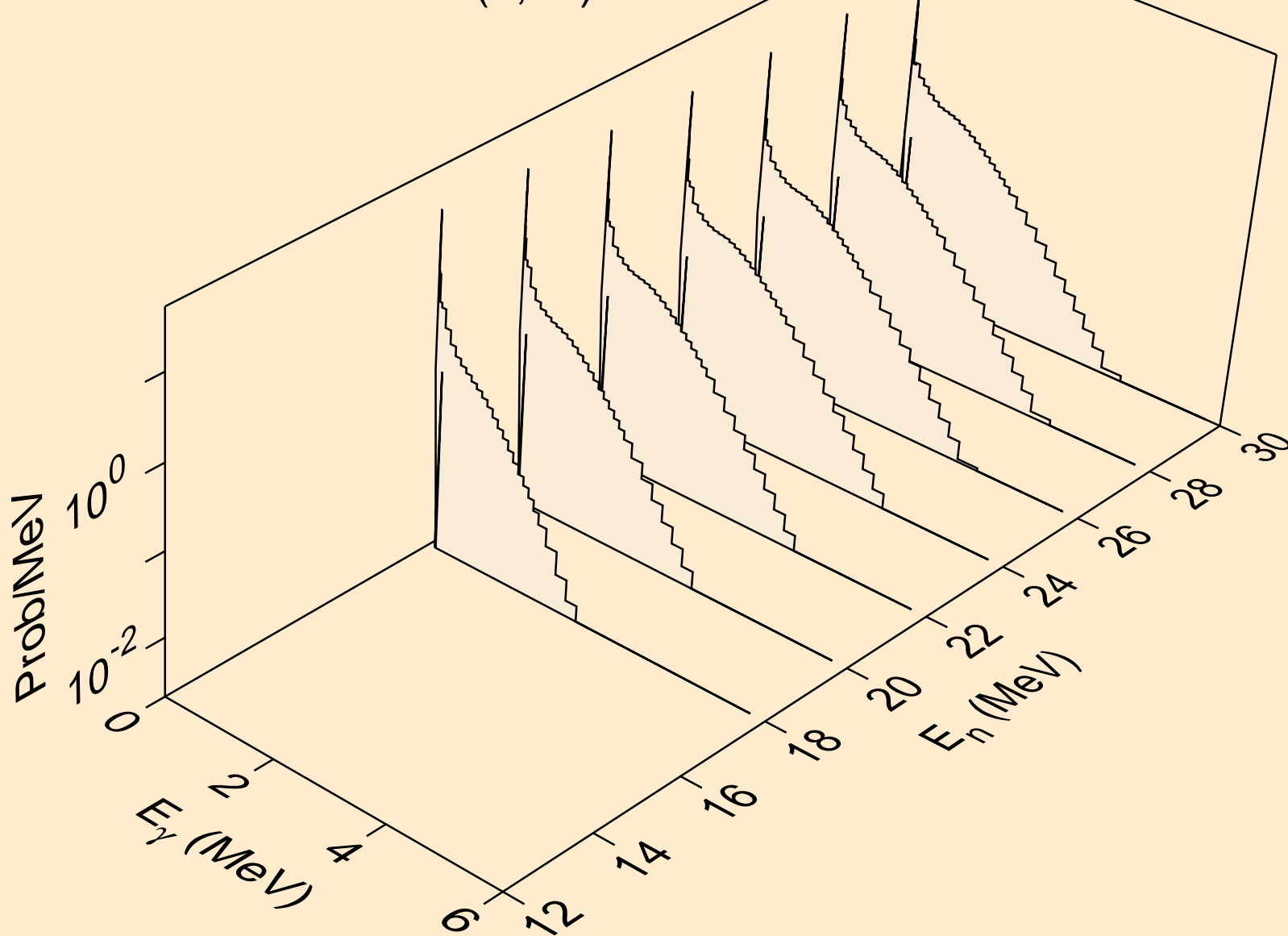




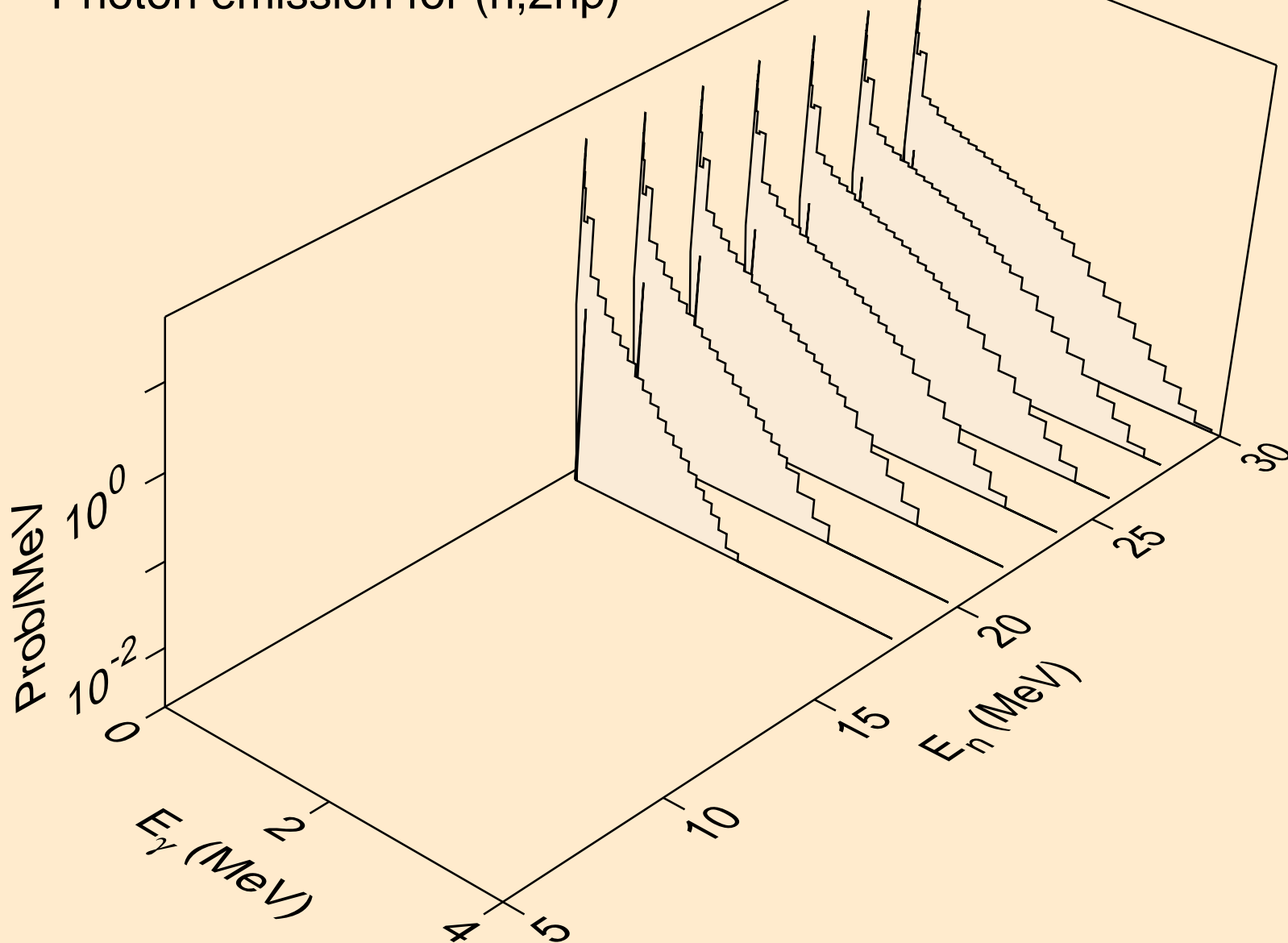
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



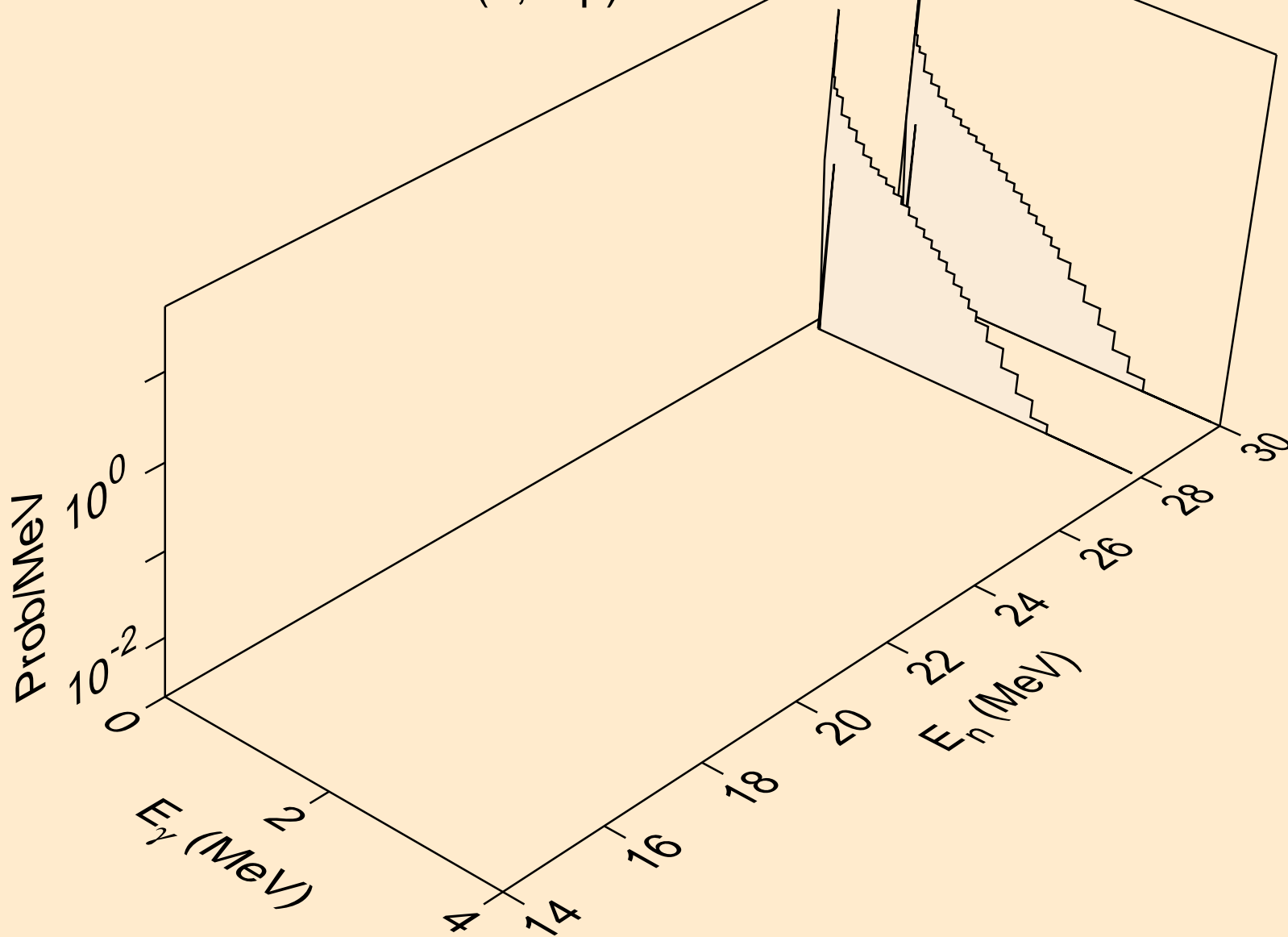
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



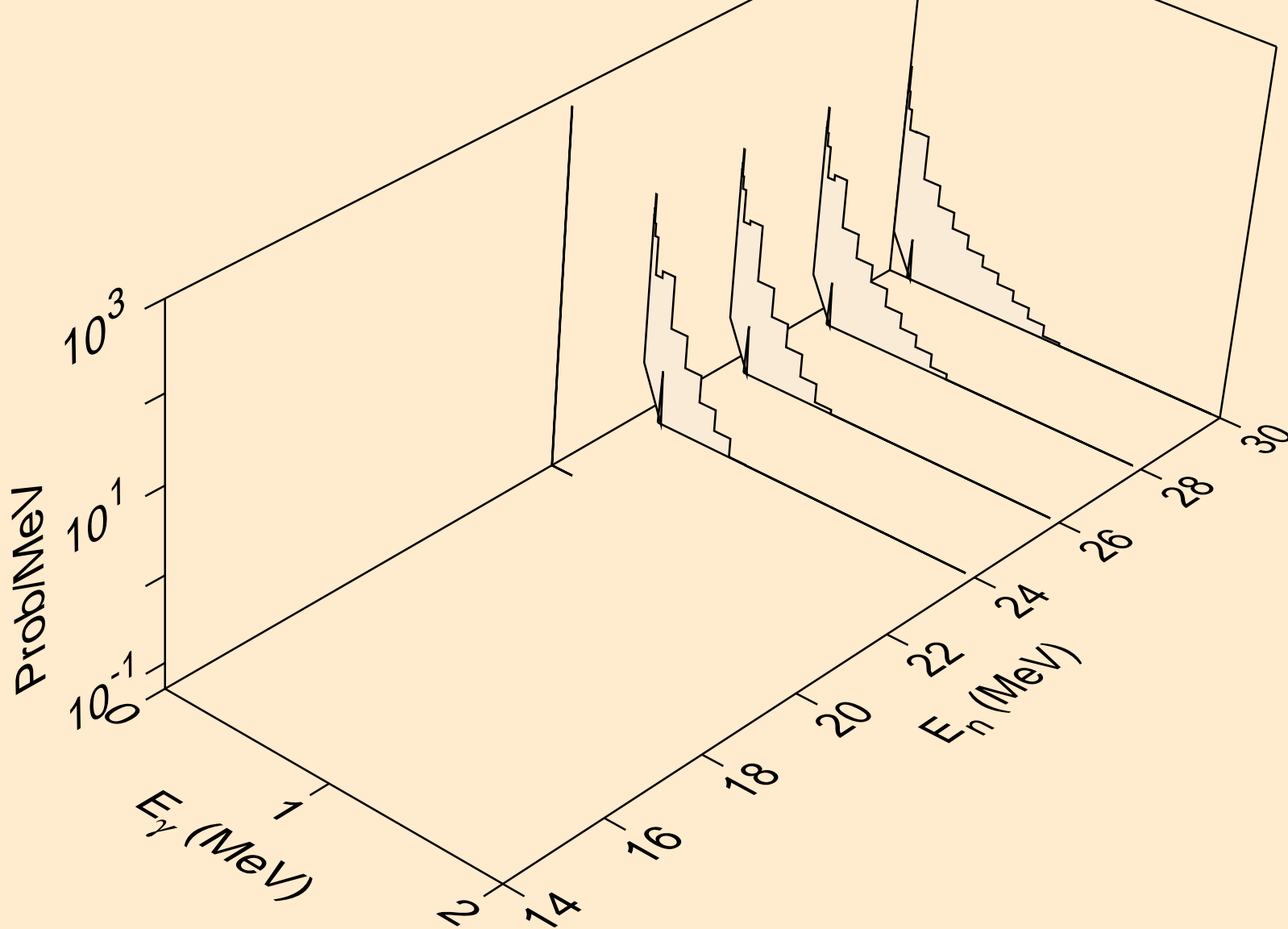
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



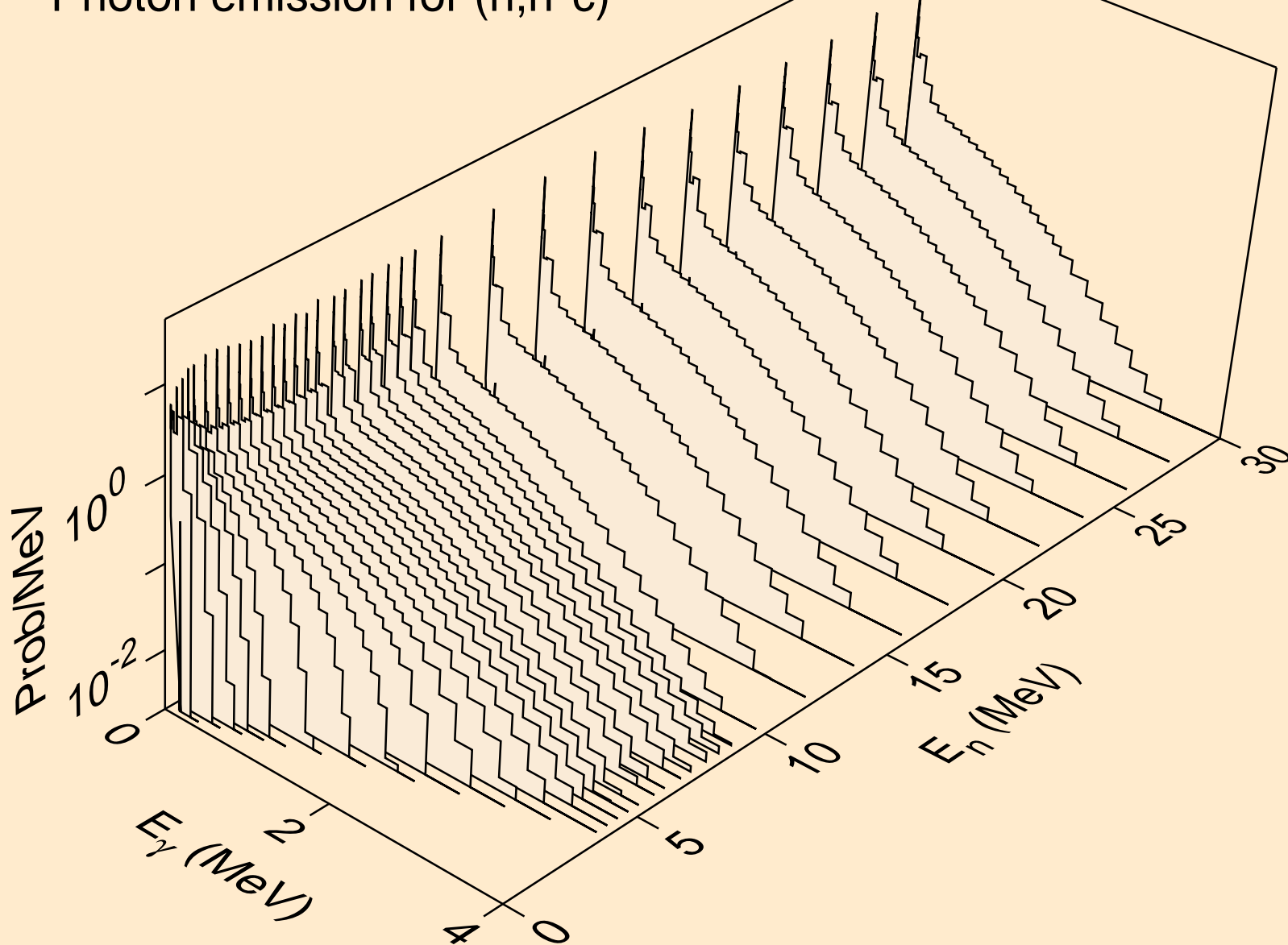
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Photon emission for (n,3np)



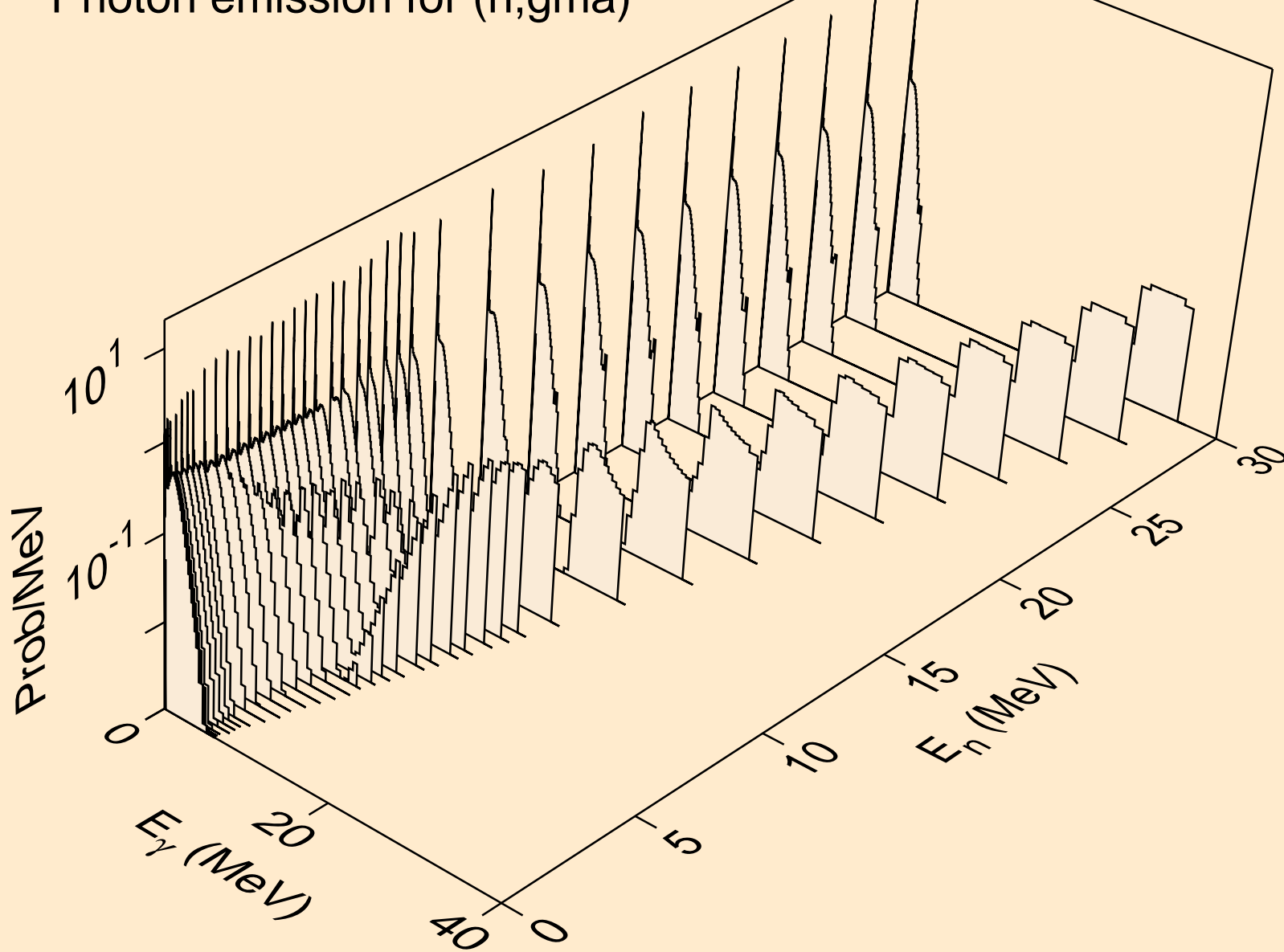
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



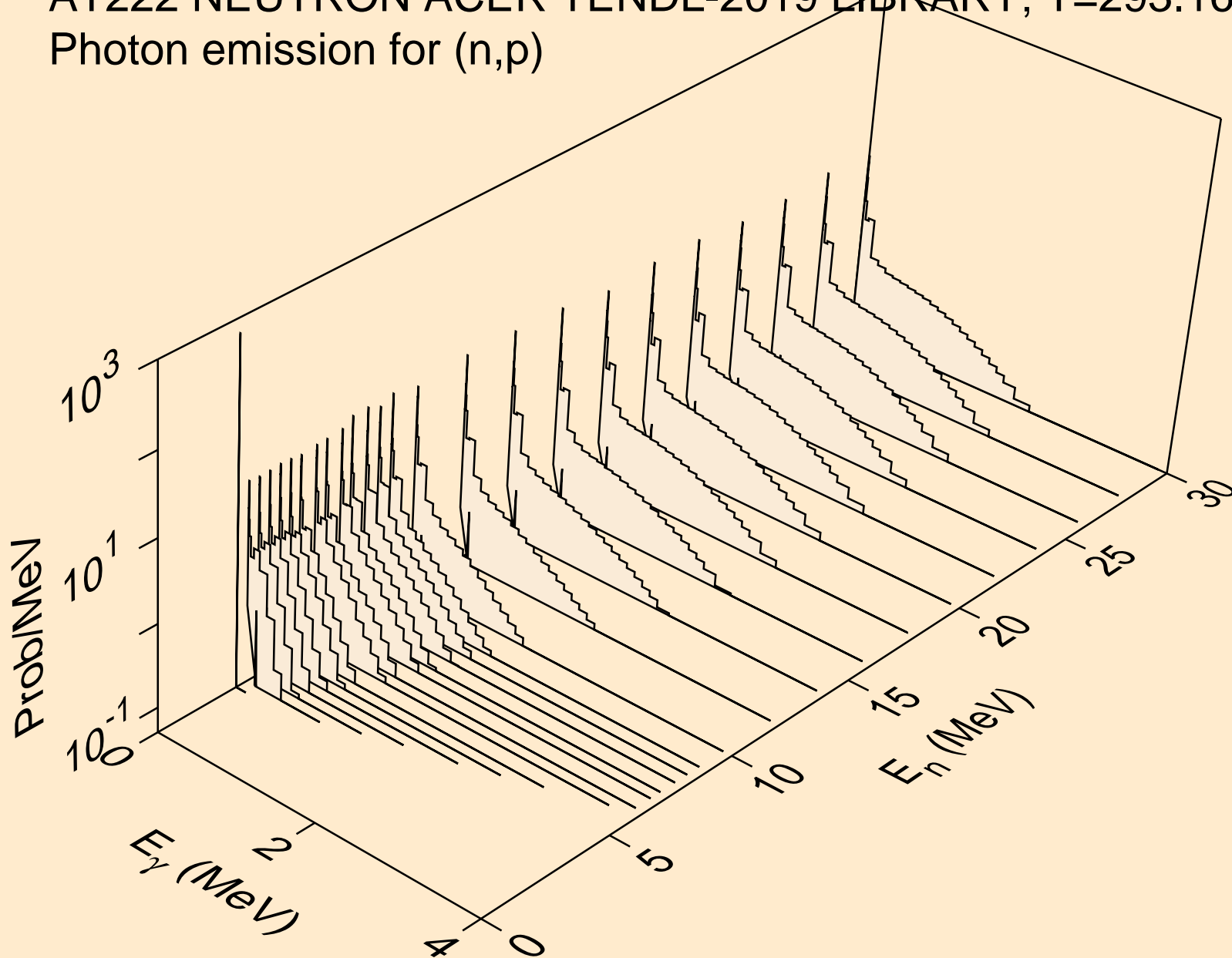
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)

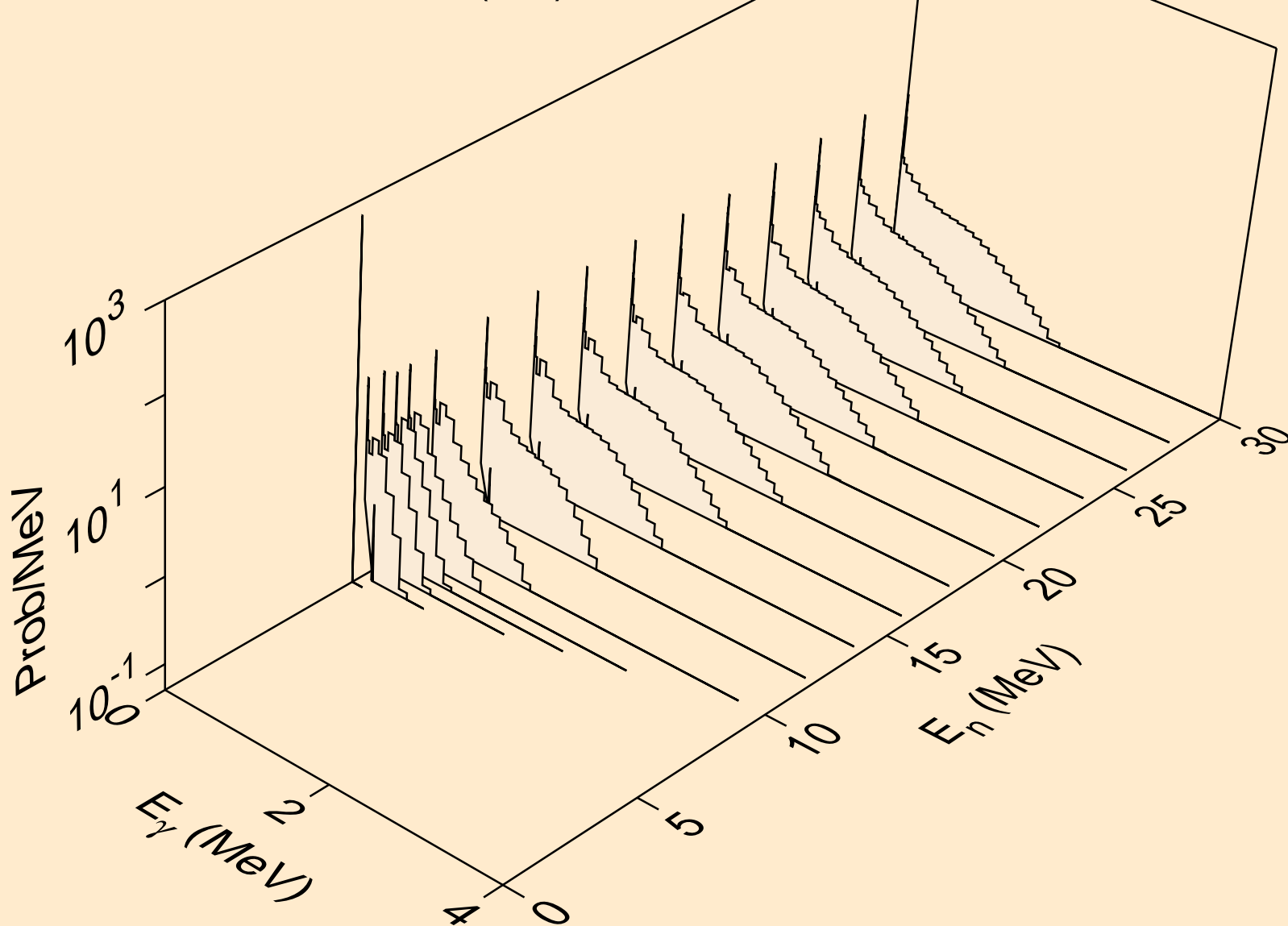


AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)

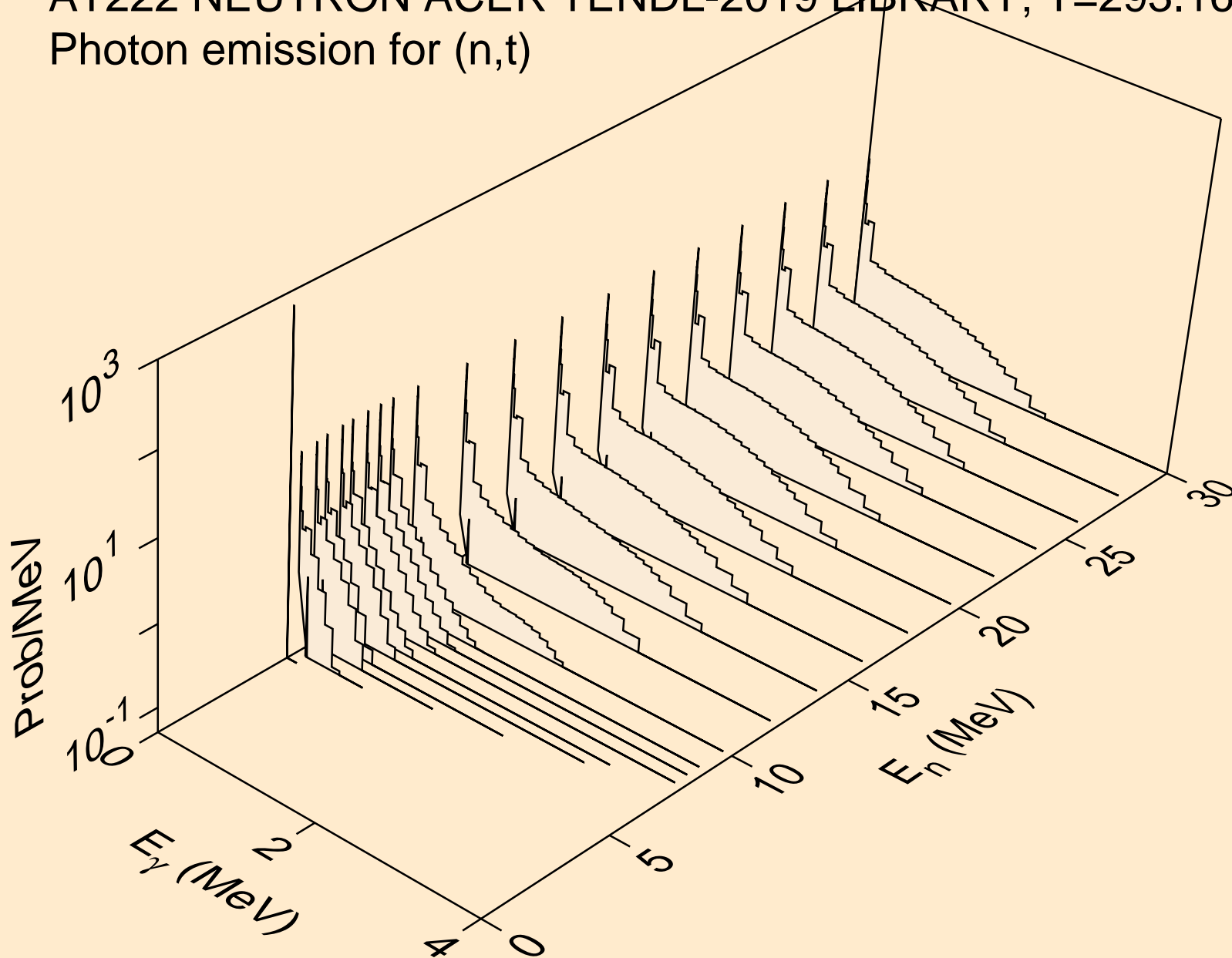




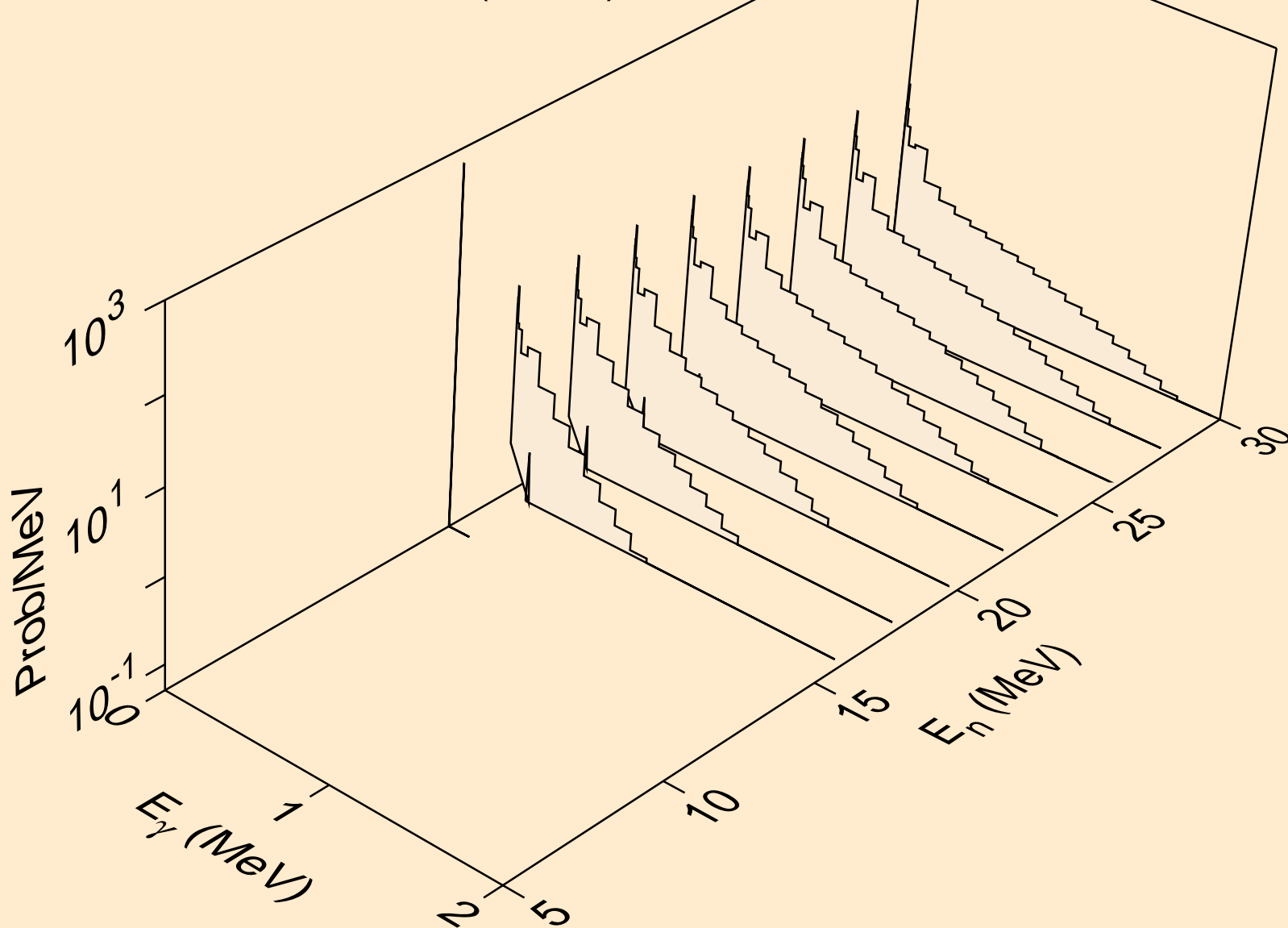
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



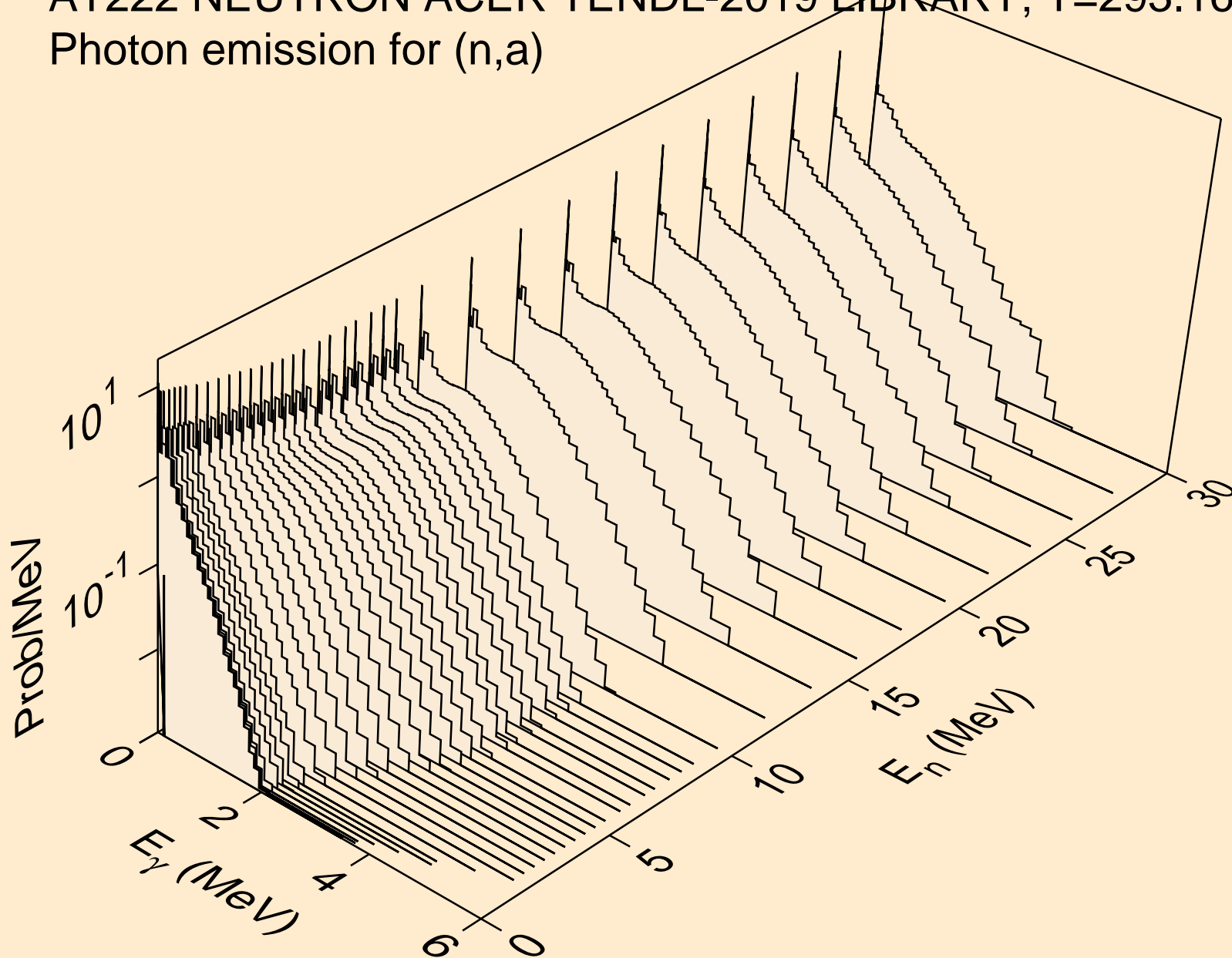
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



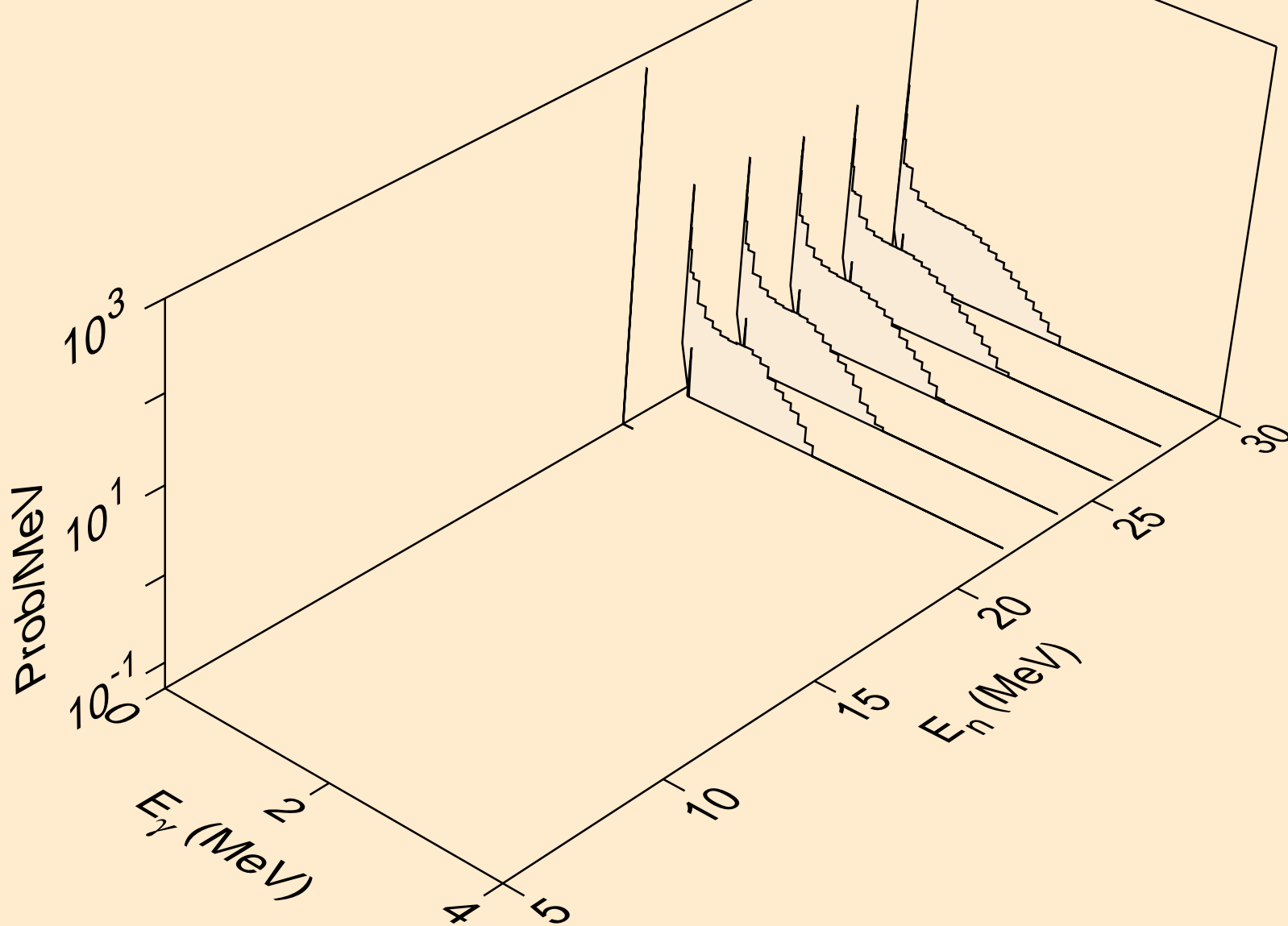
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



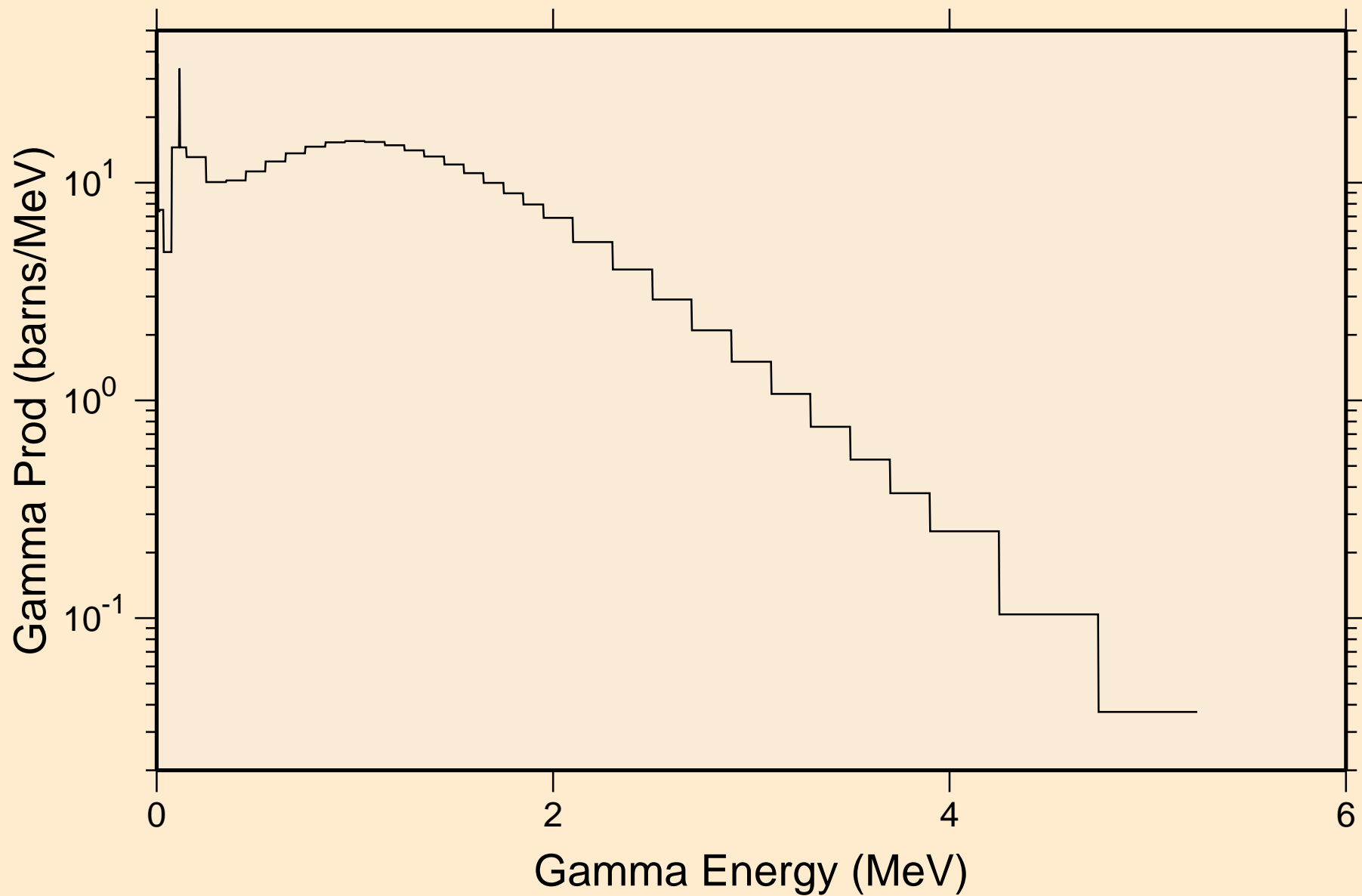
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



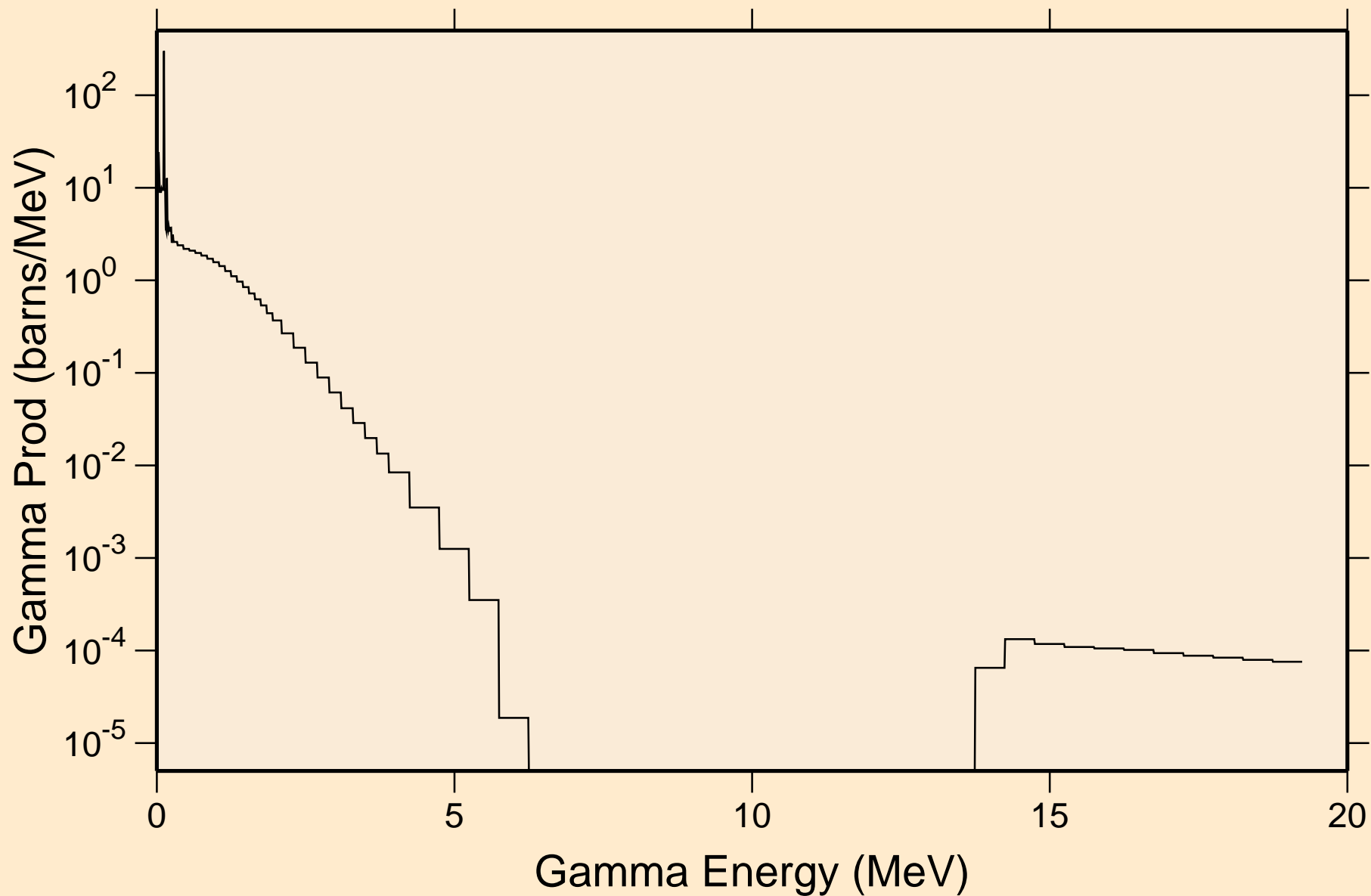
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

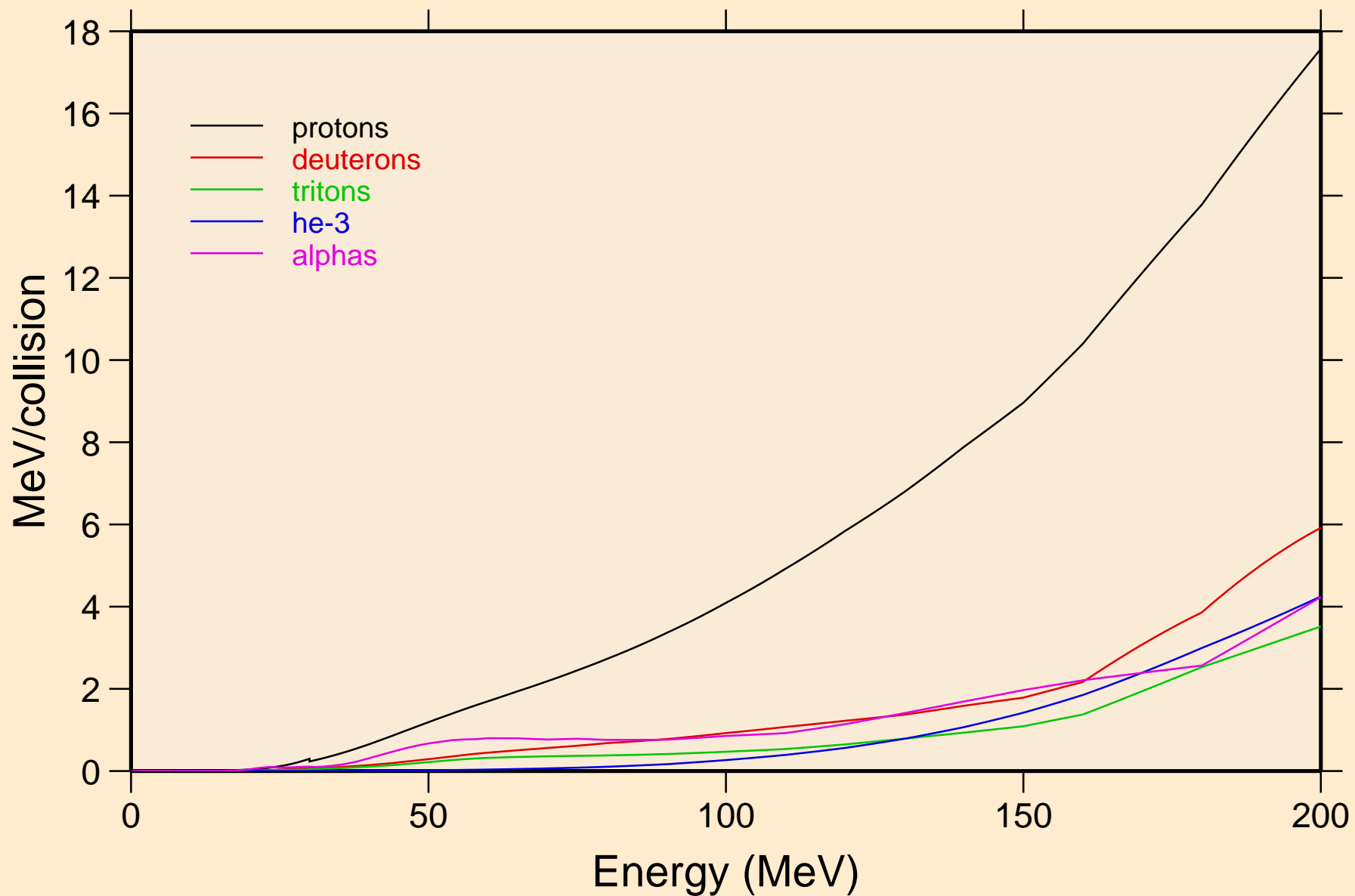


AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum



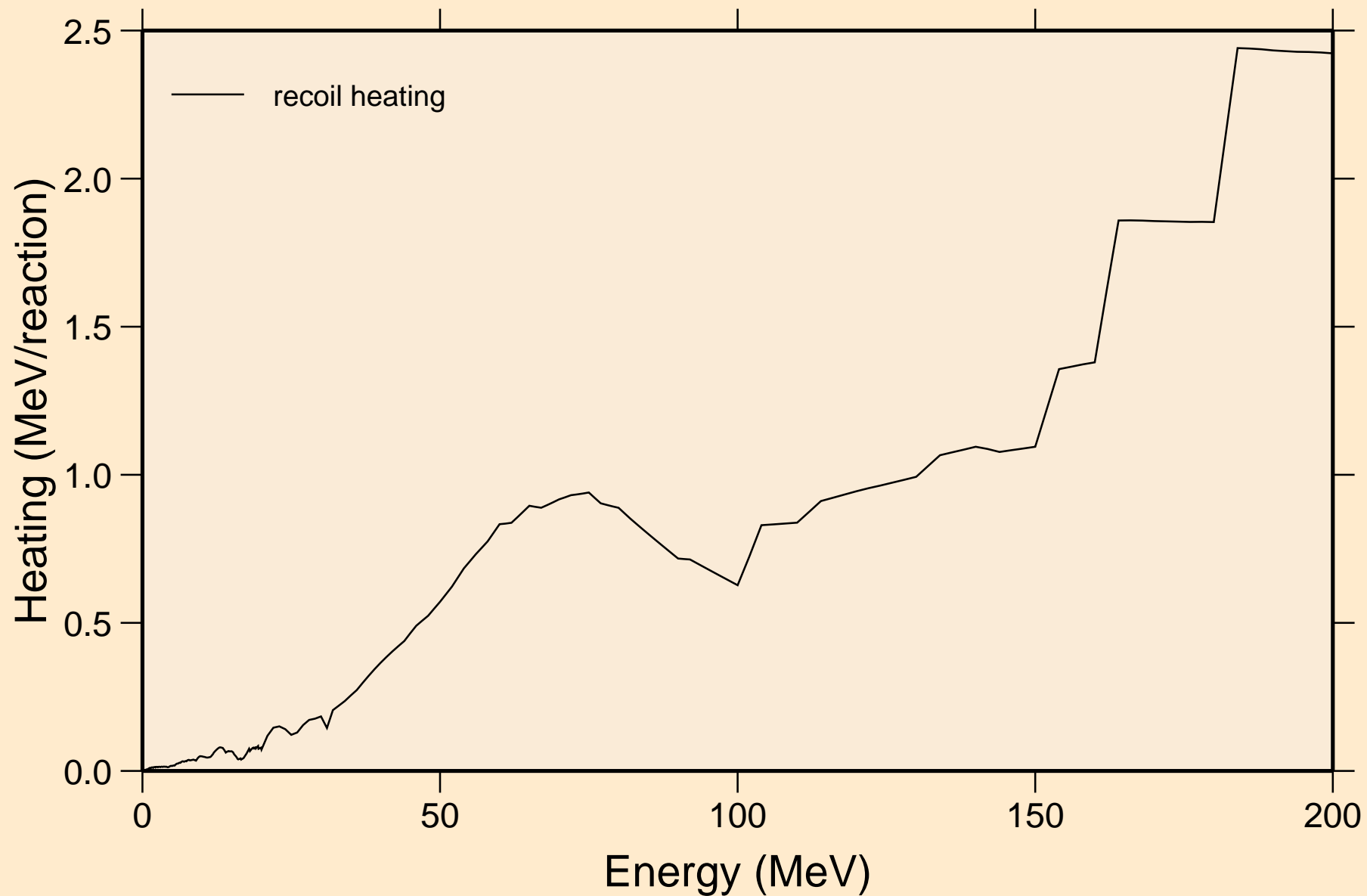
# AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Particle heating contributions

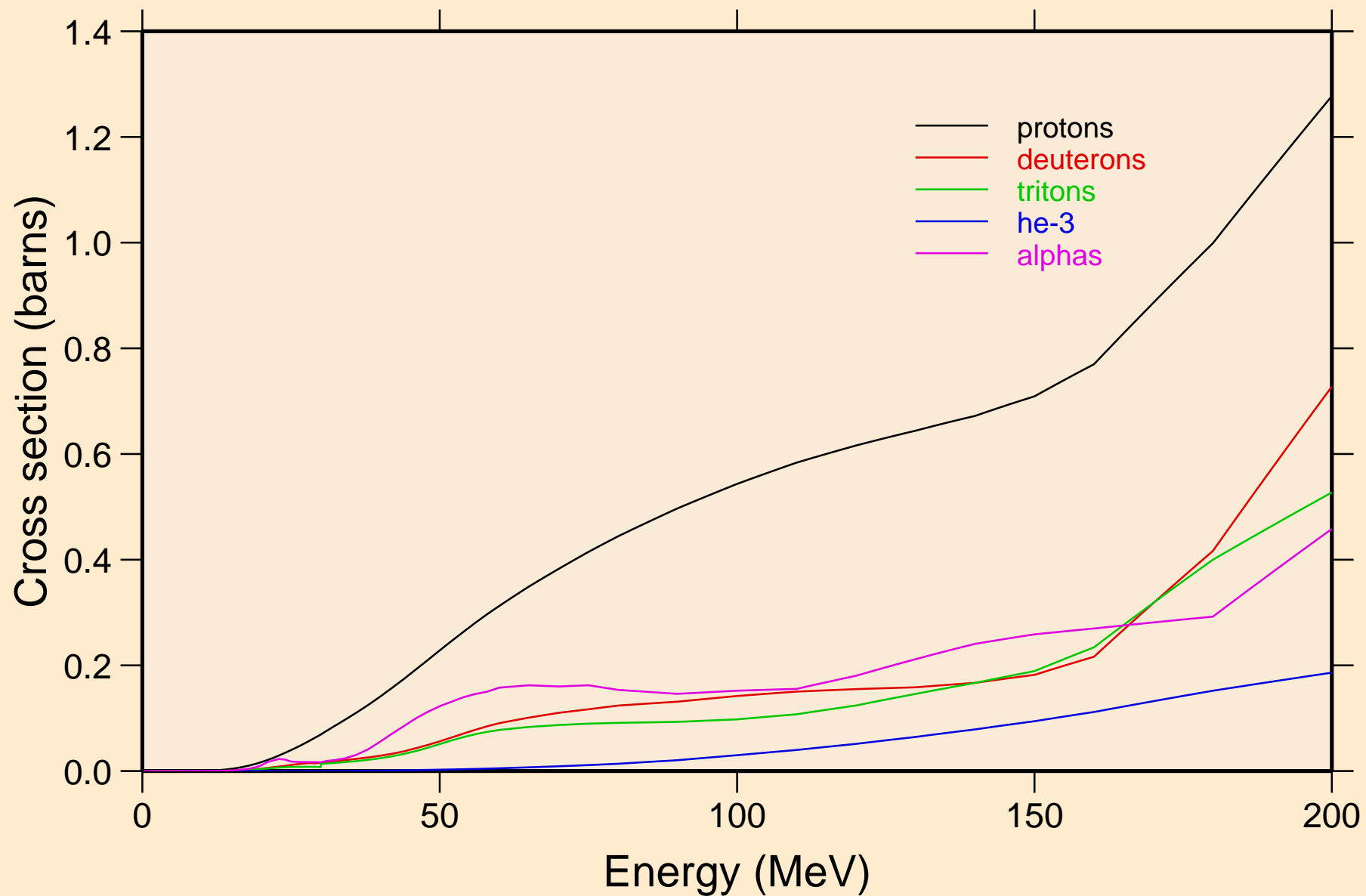




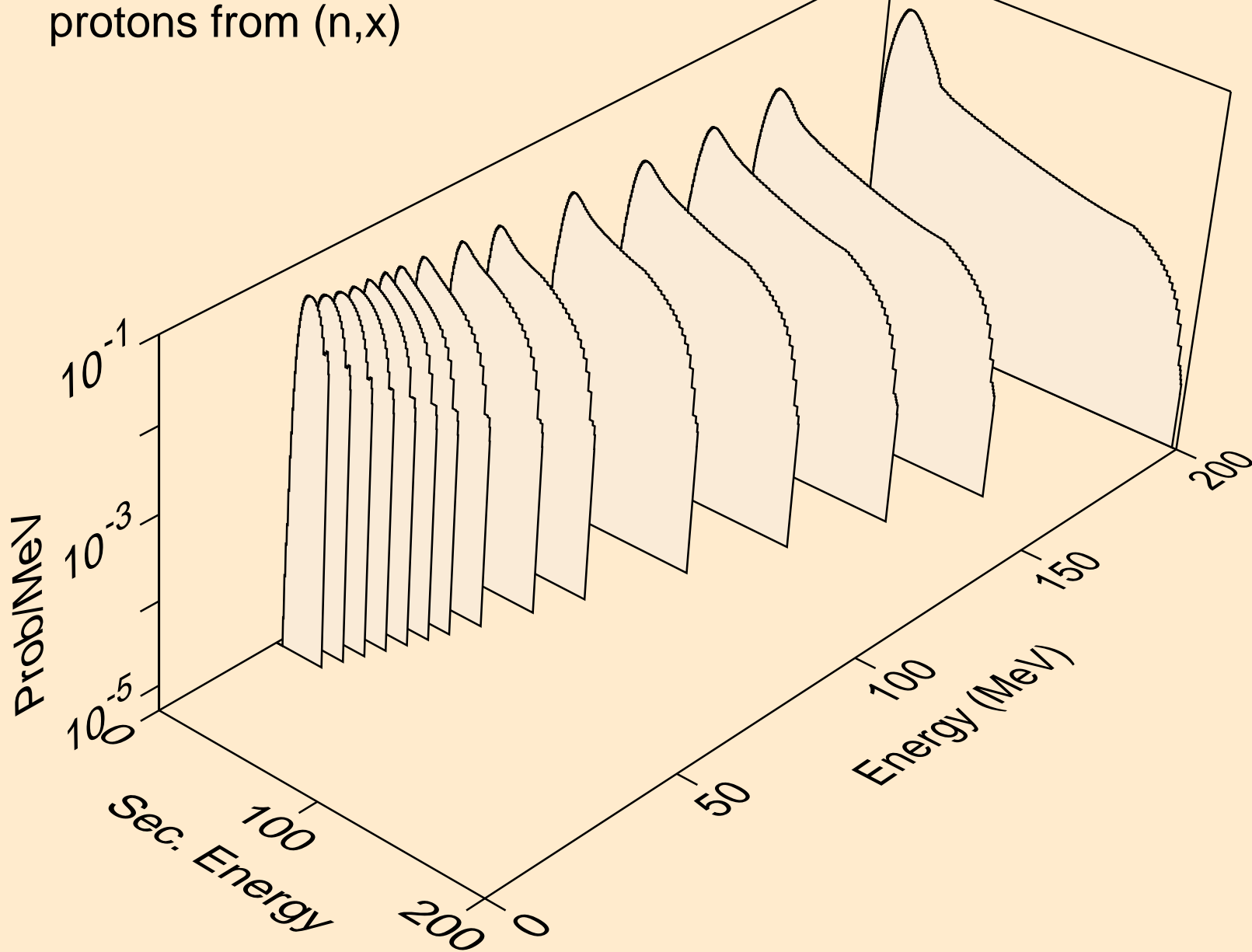
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Recoil Heating



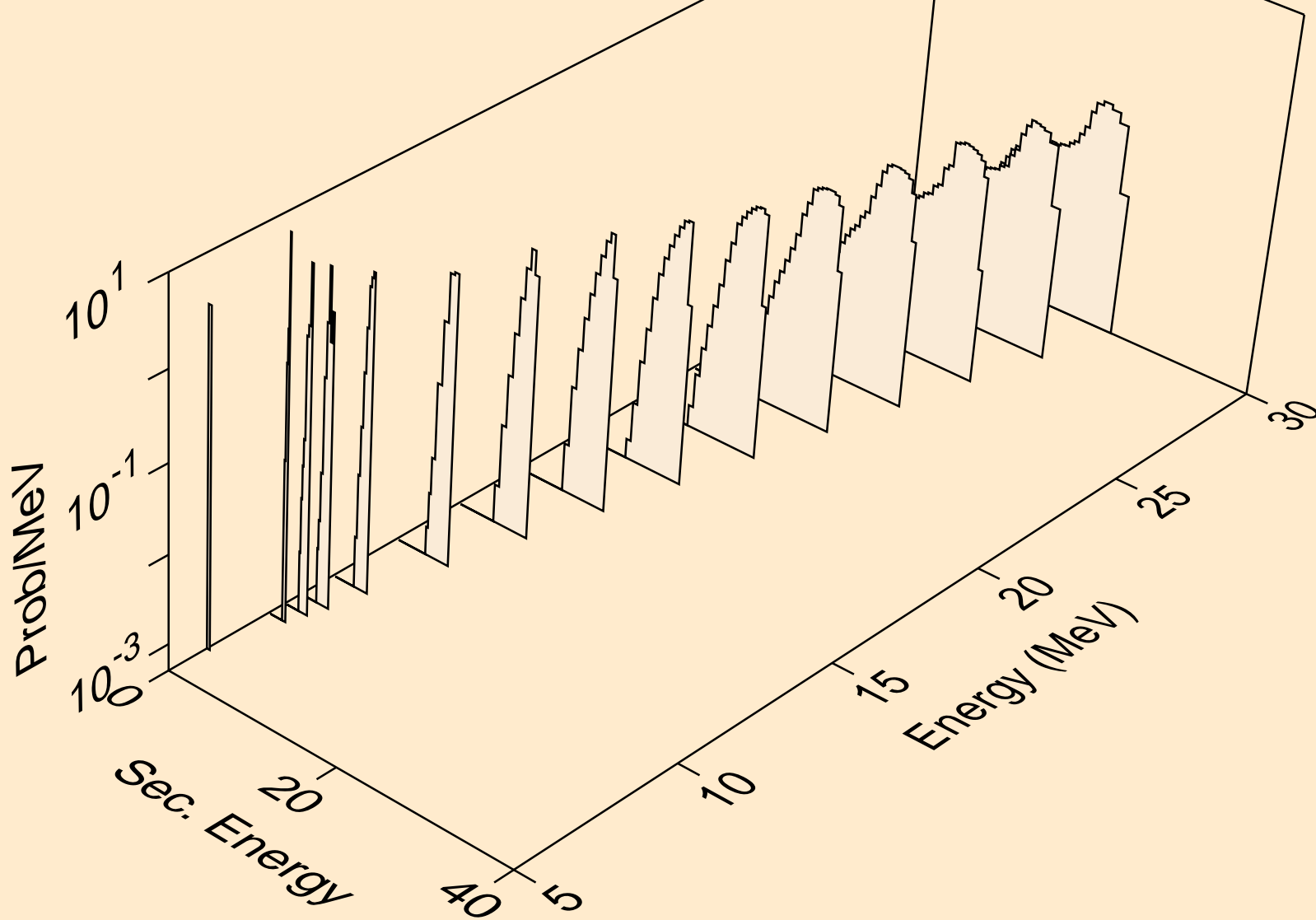
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



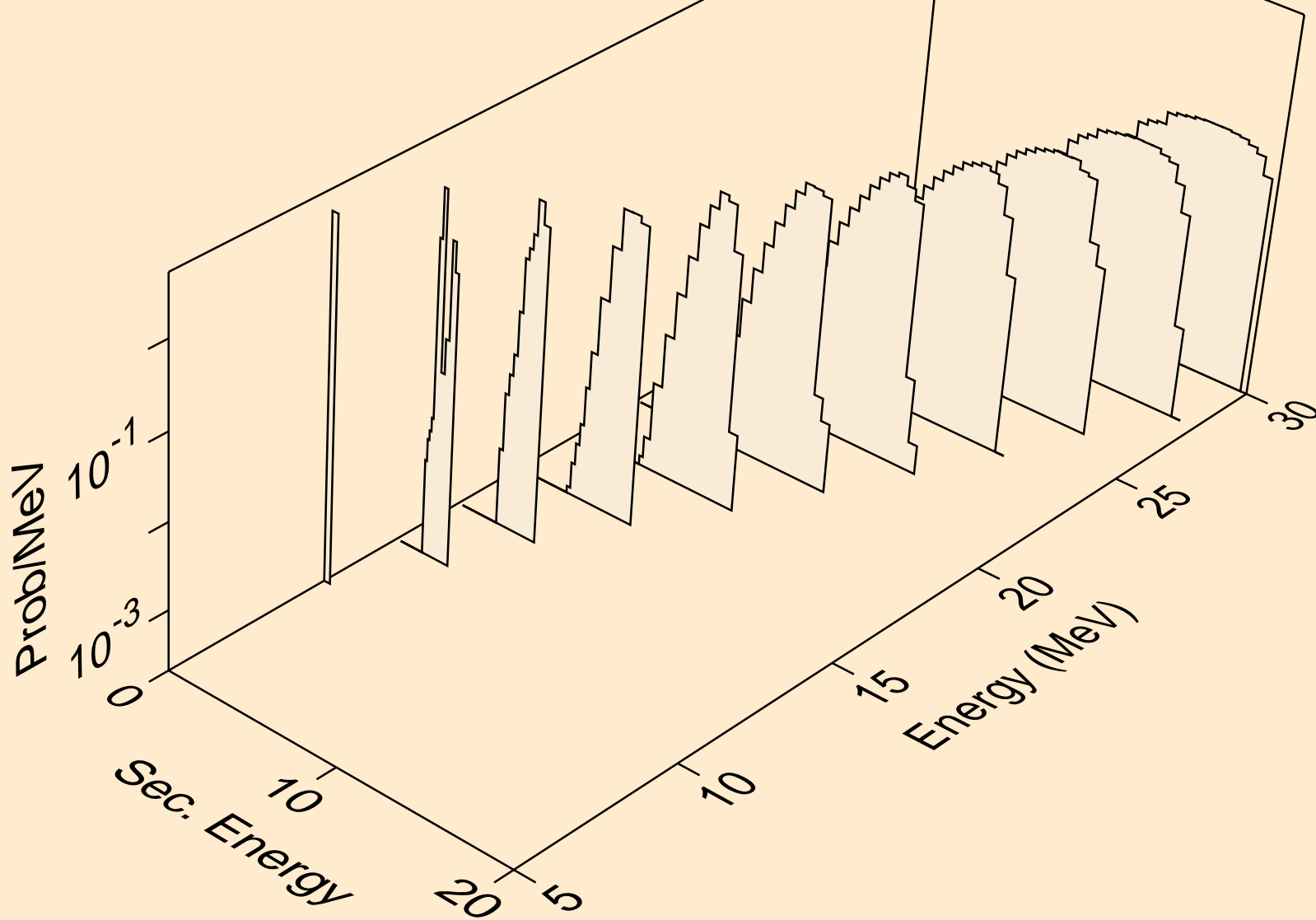
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



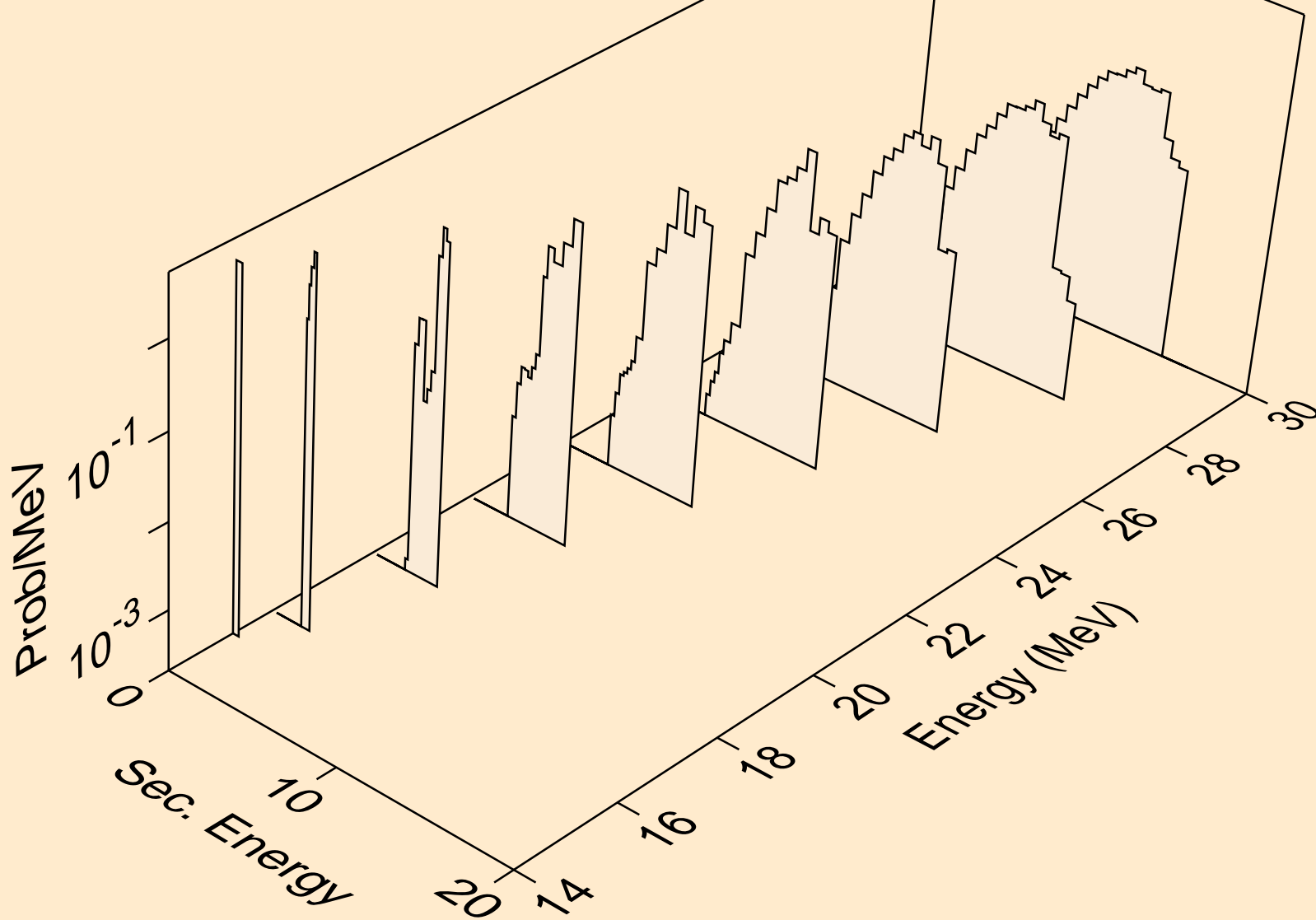
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



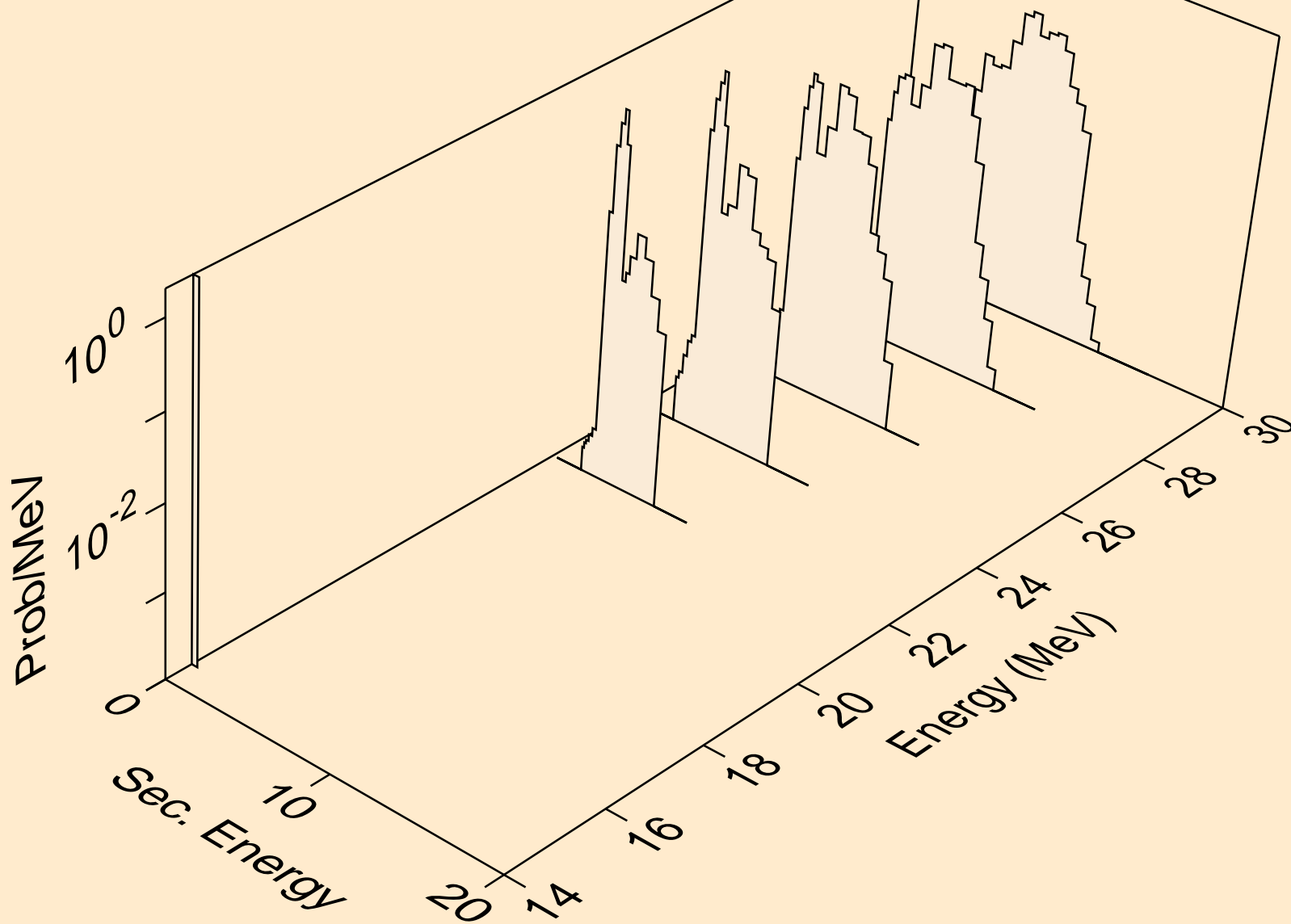
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



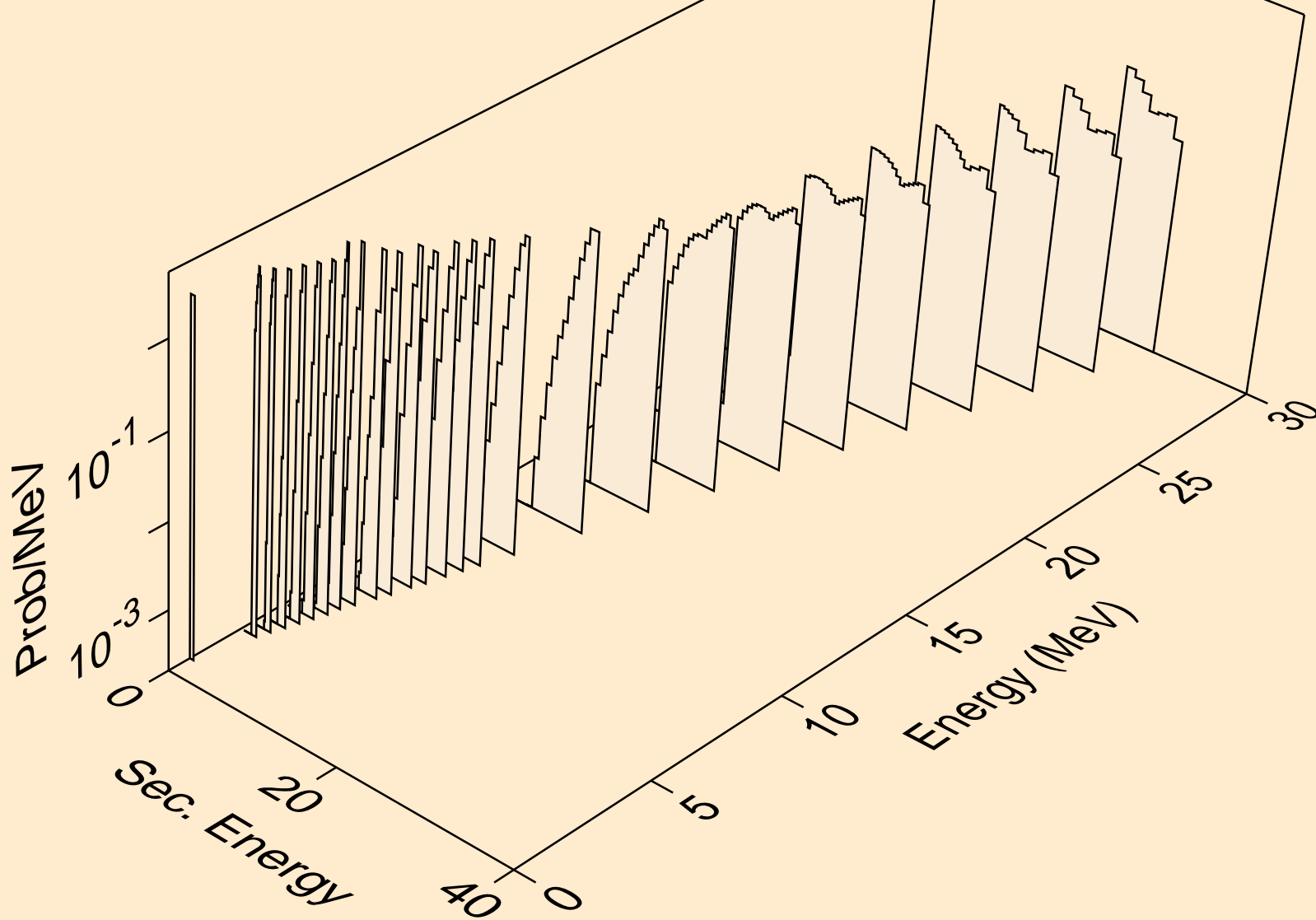
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)

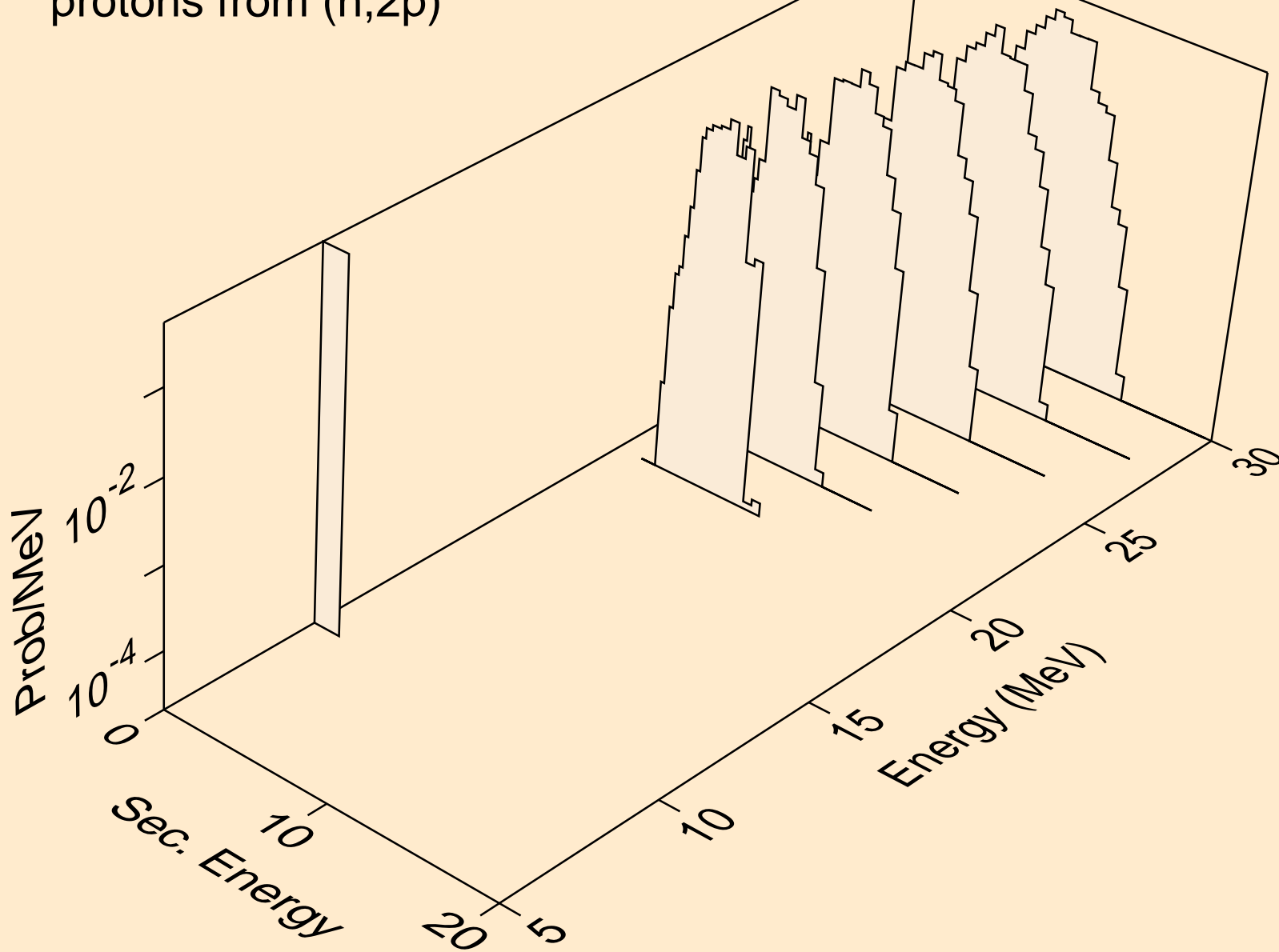


AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)

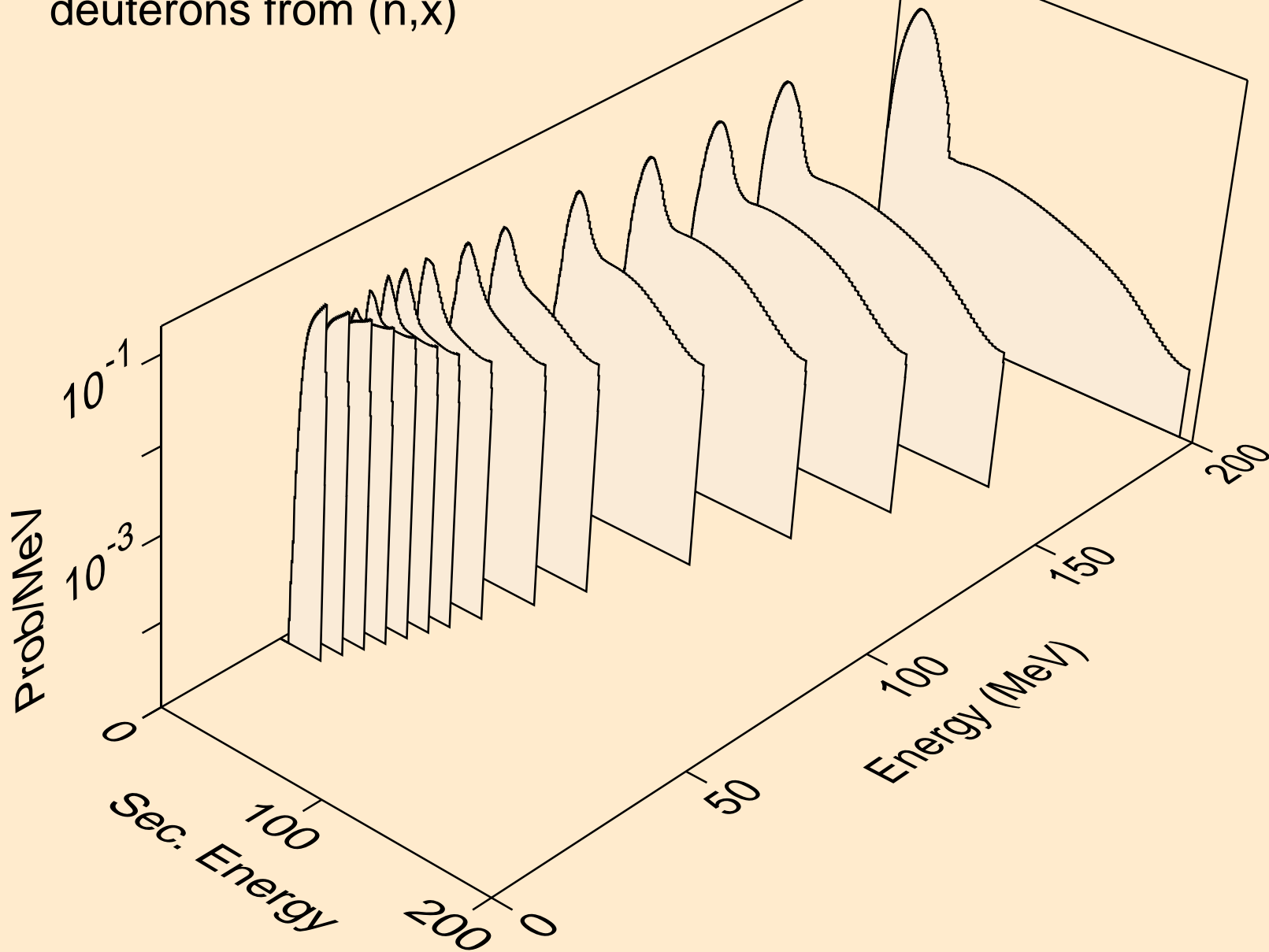




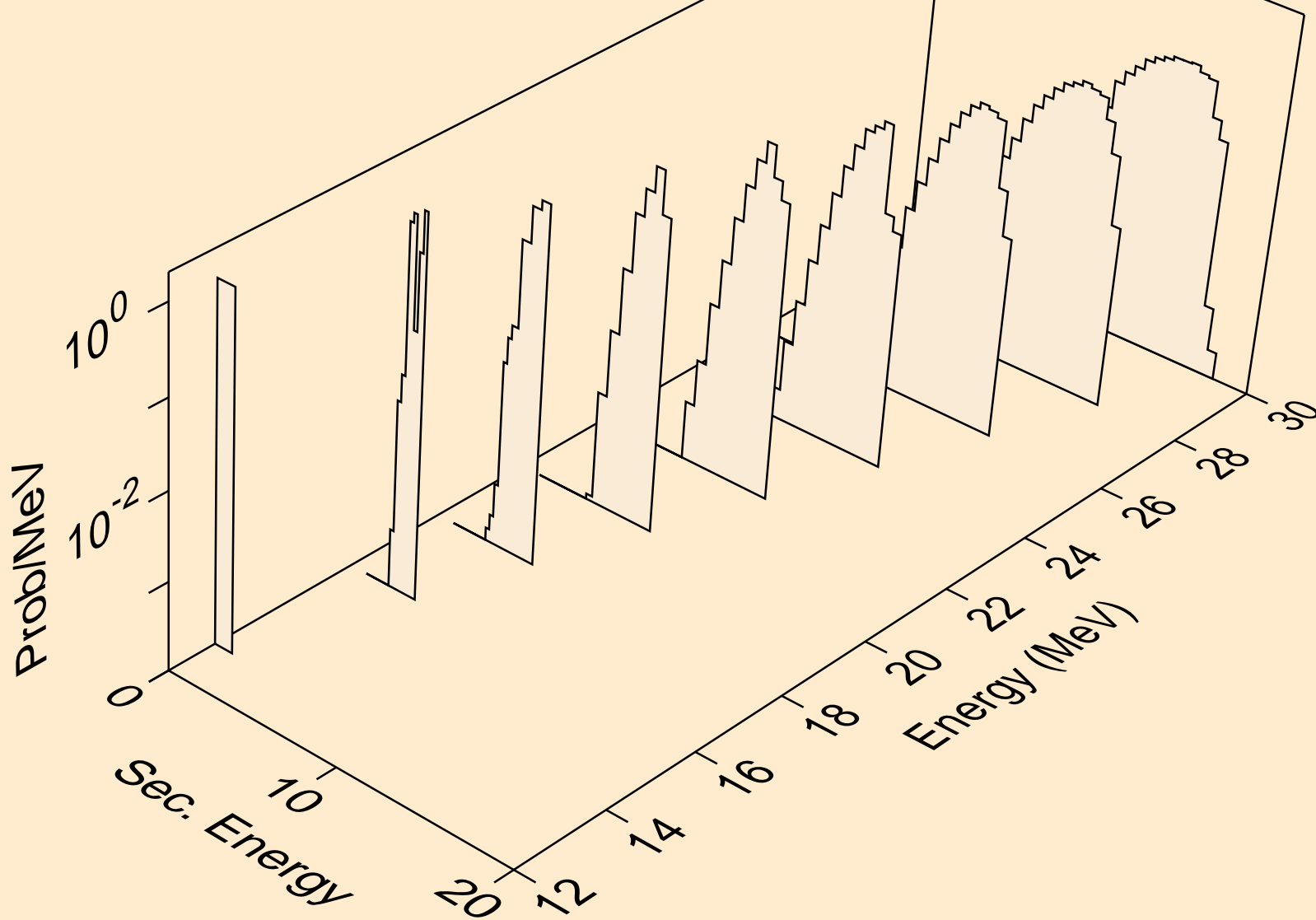
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protons from (n,2p)



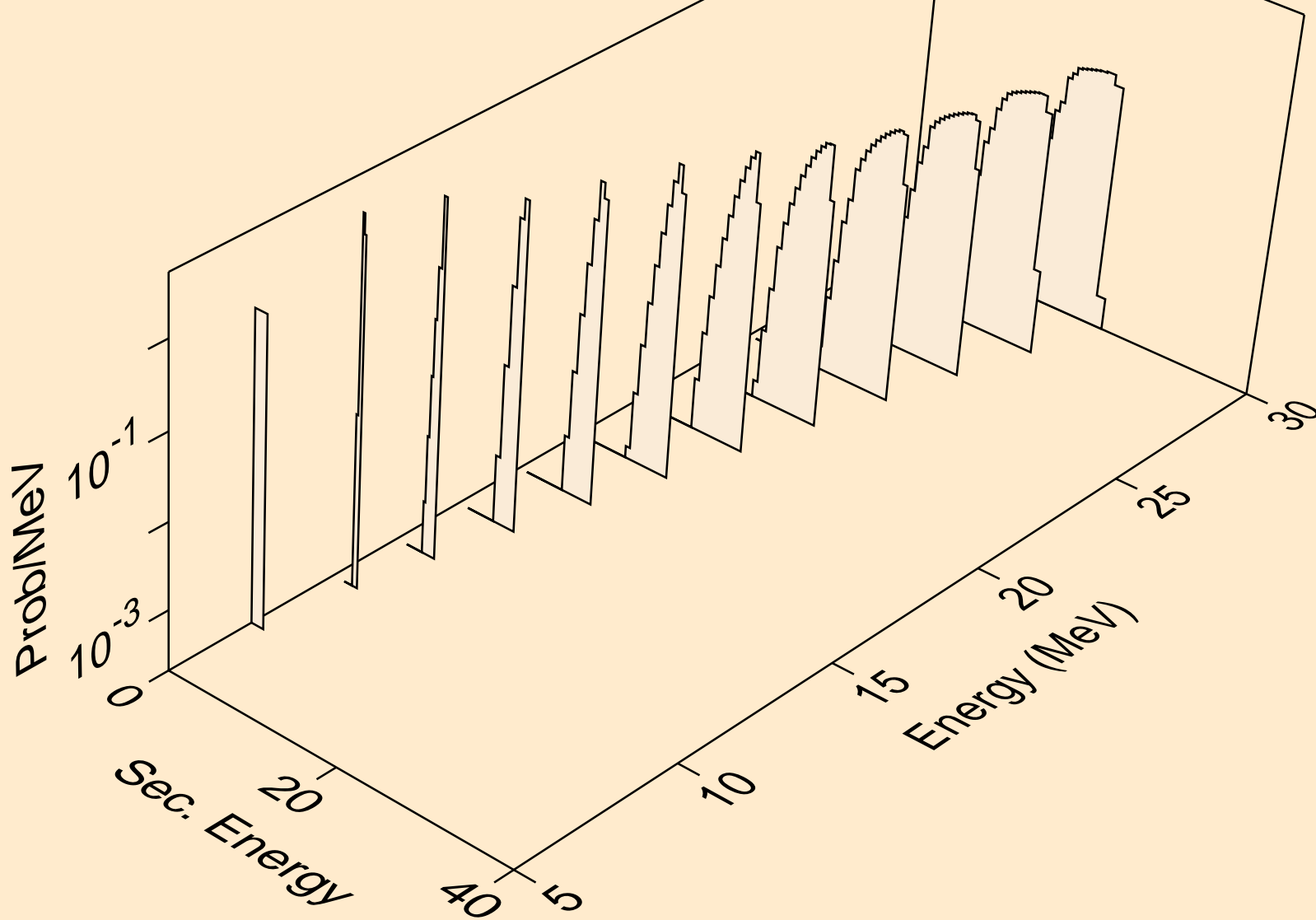
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



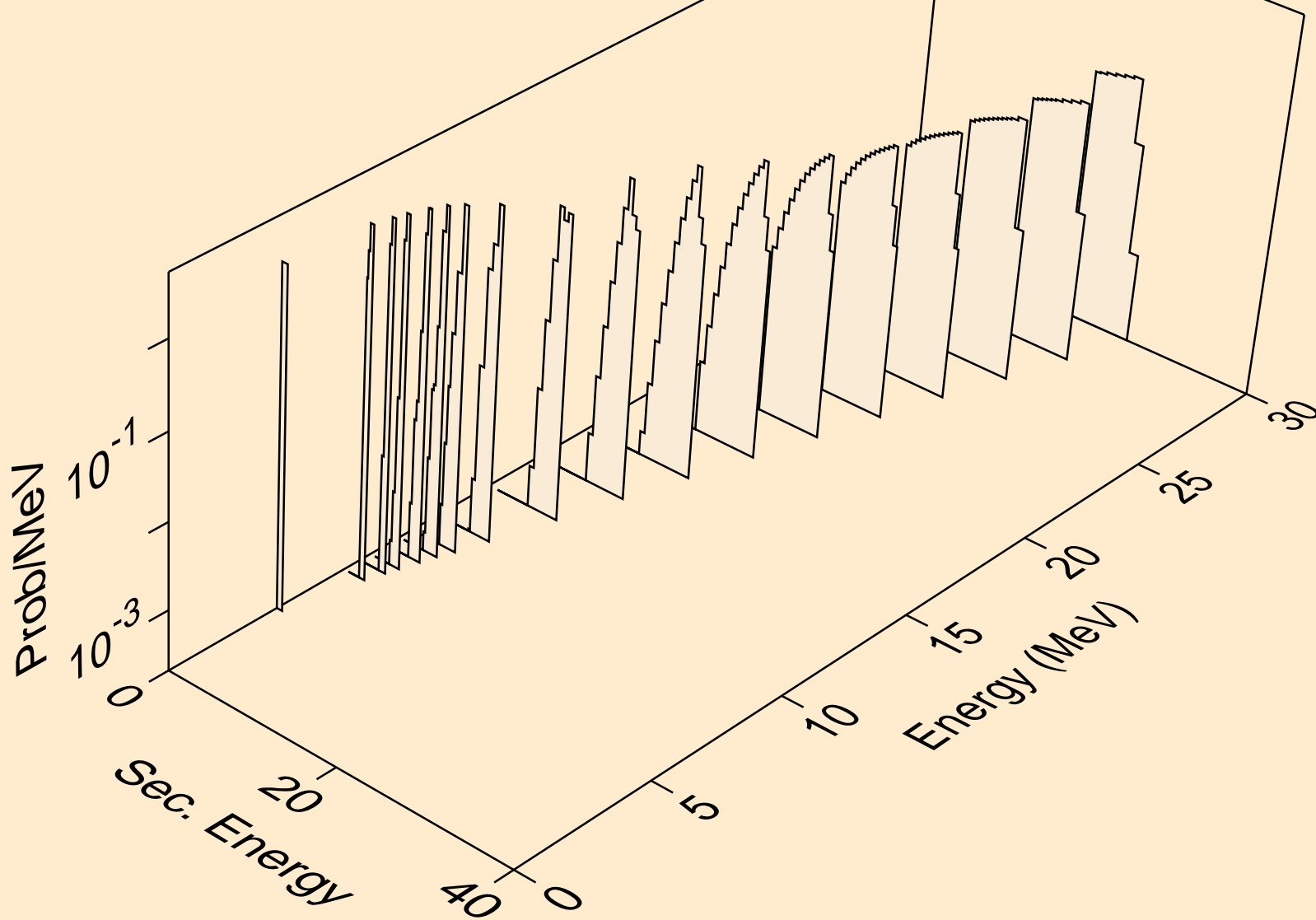
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



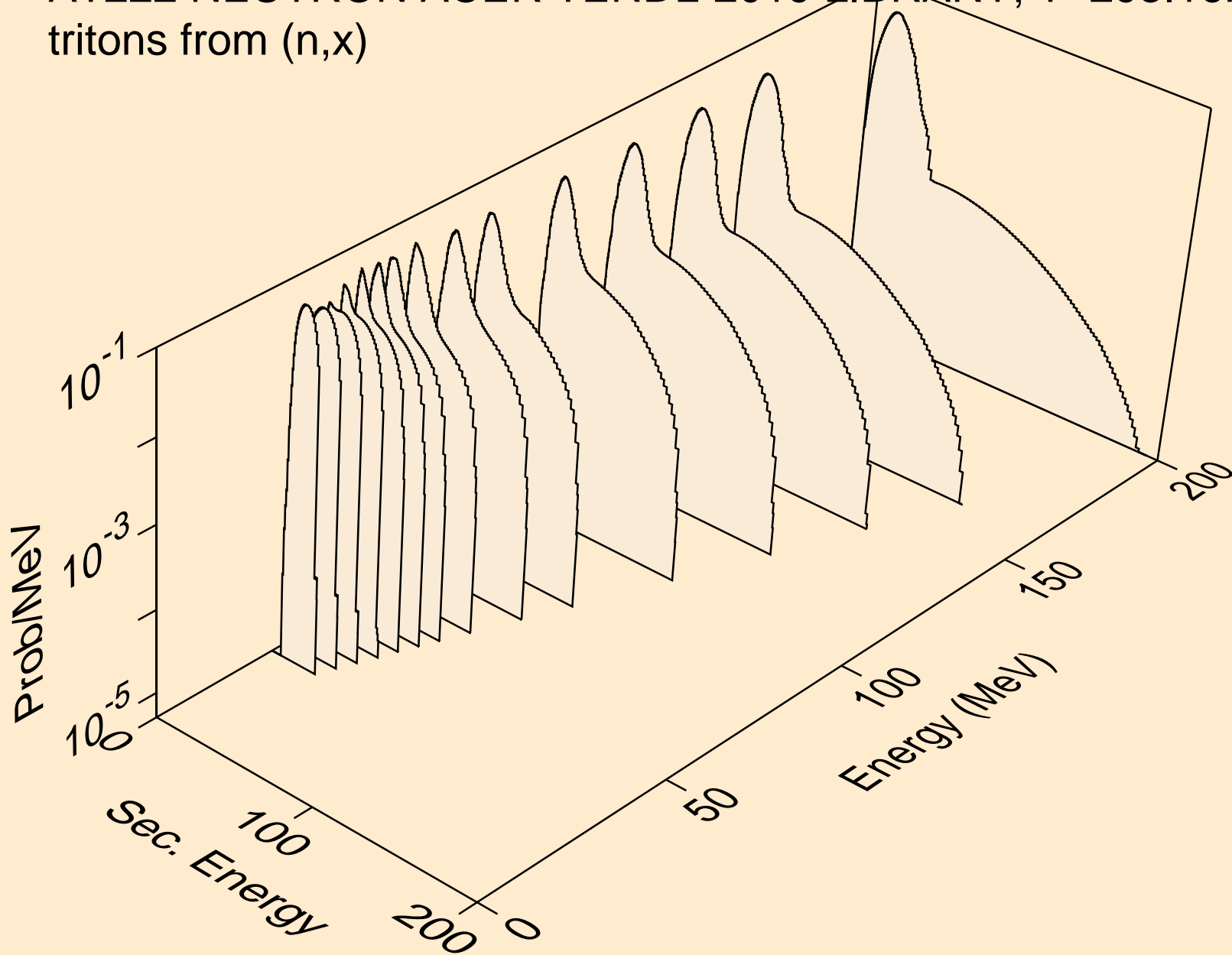
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



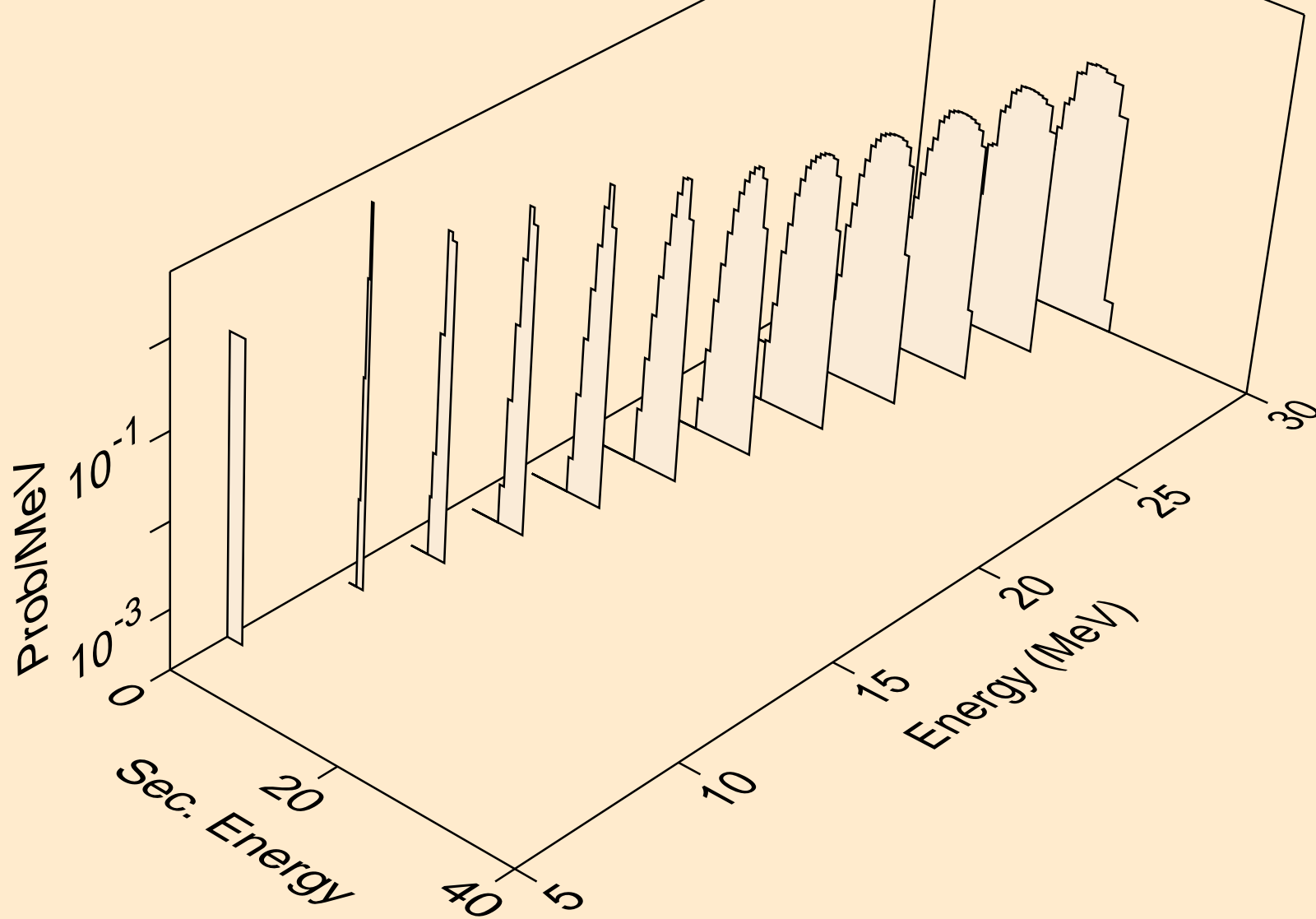
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deuterons from (n,d)



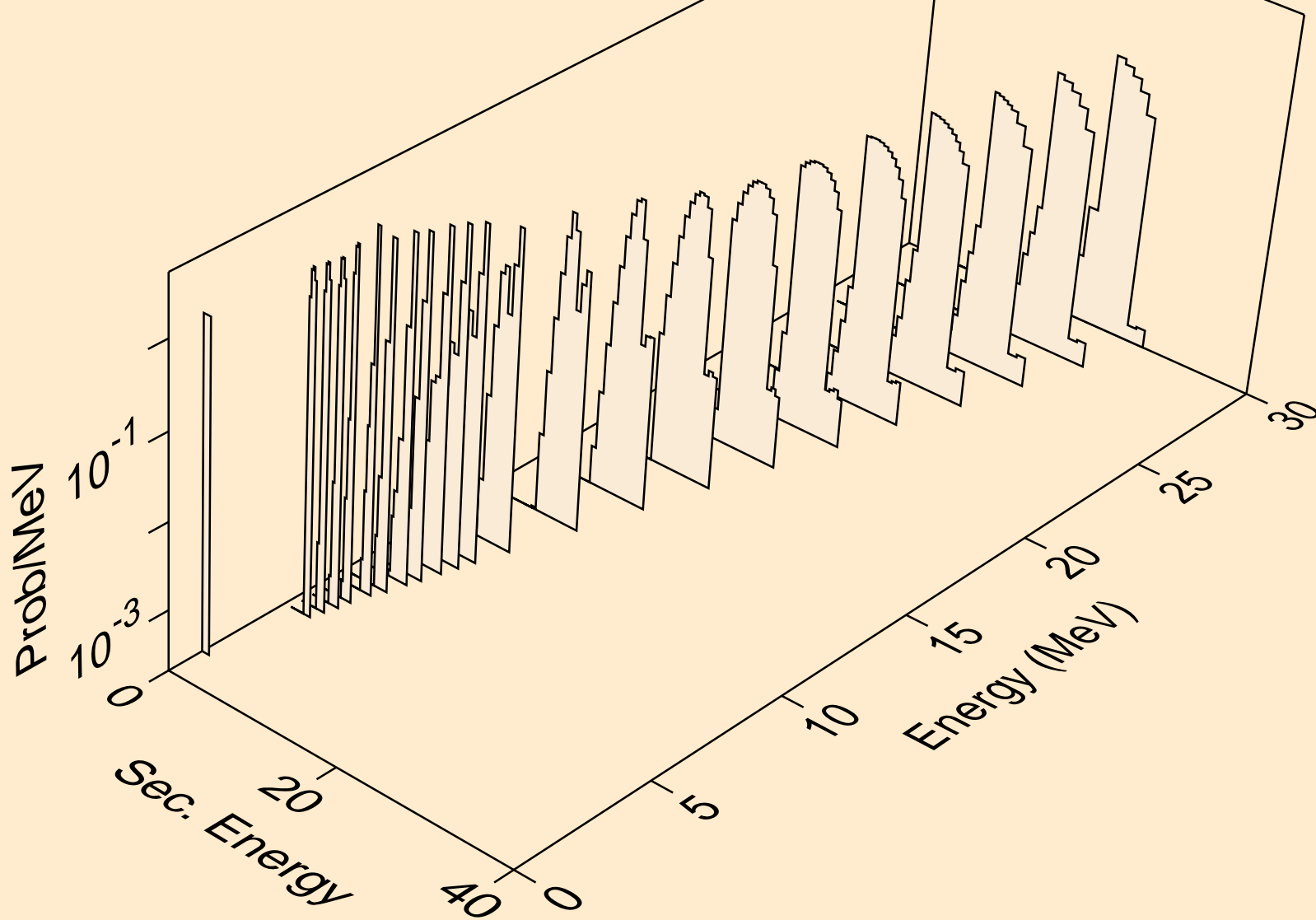
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t

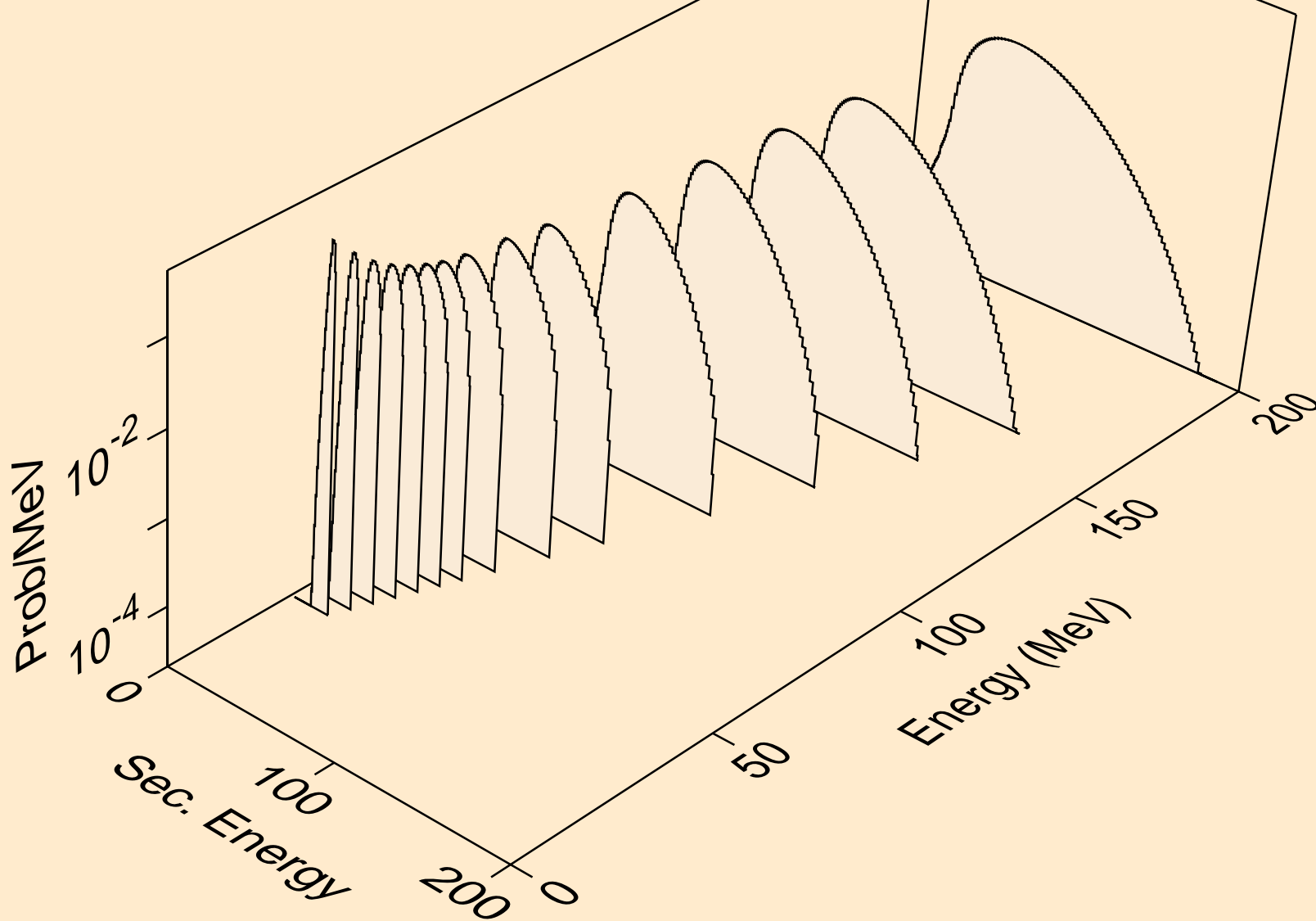


AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)

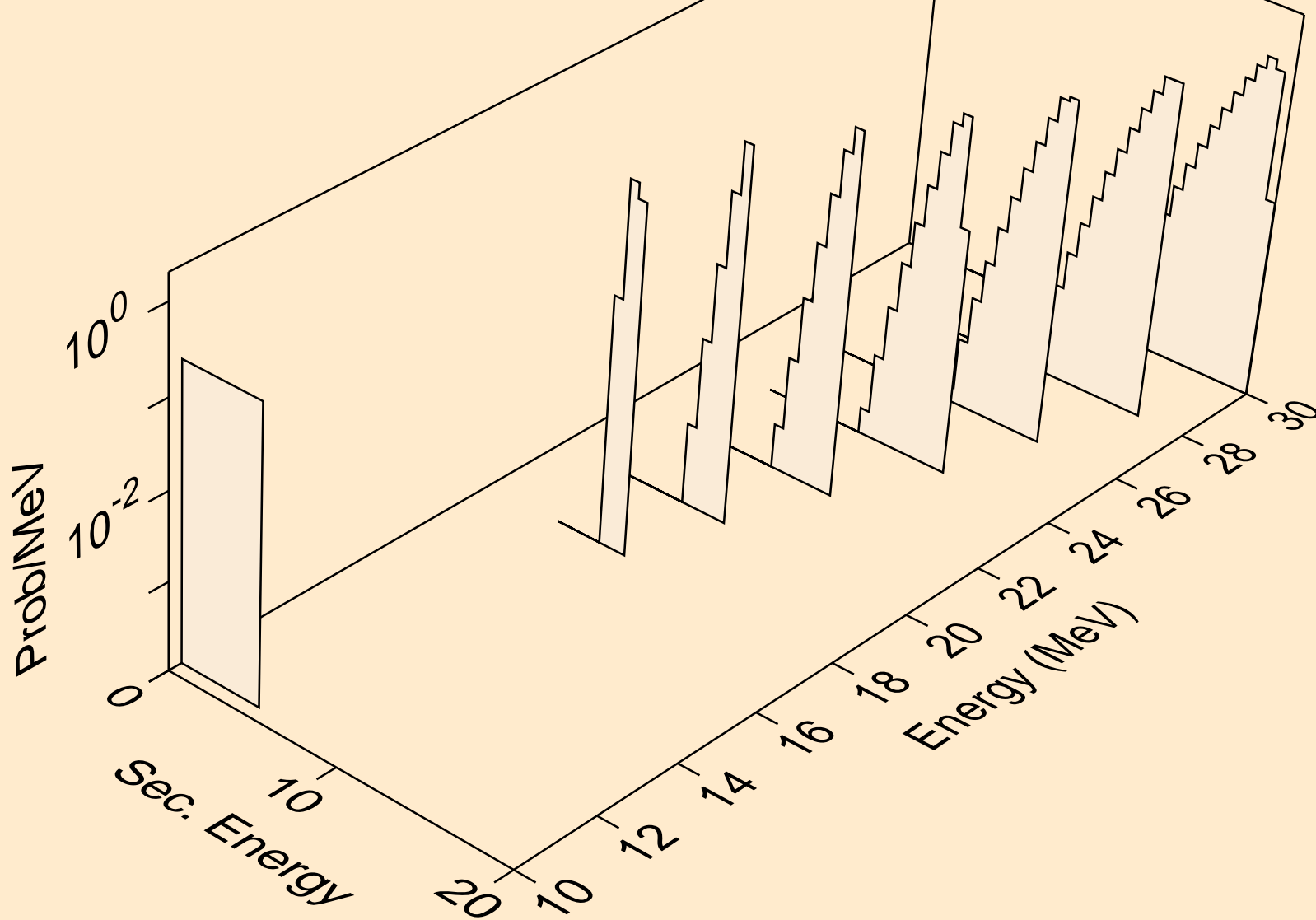




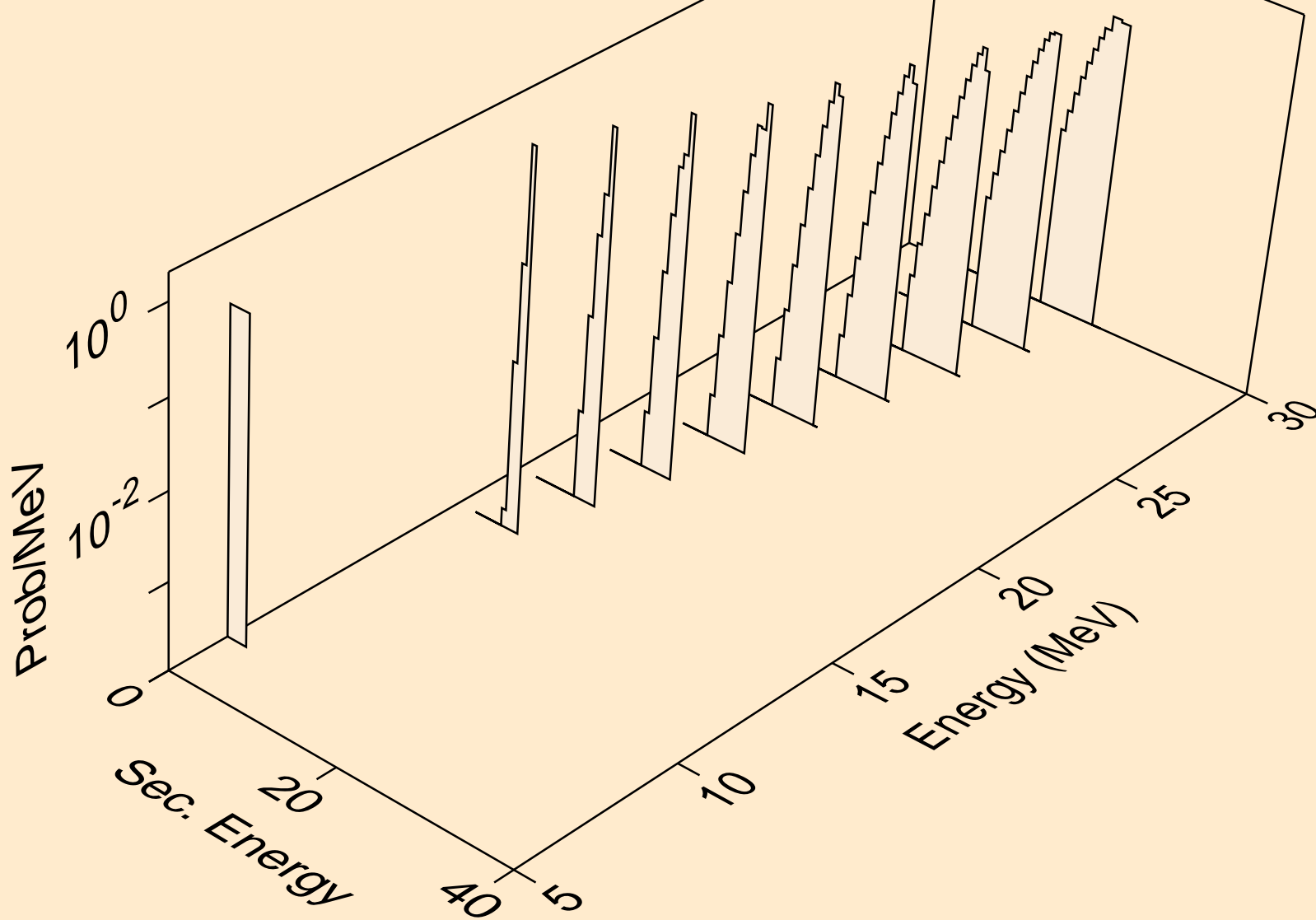
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



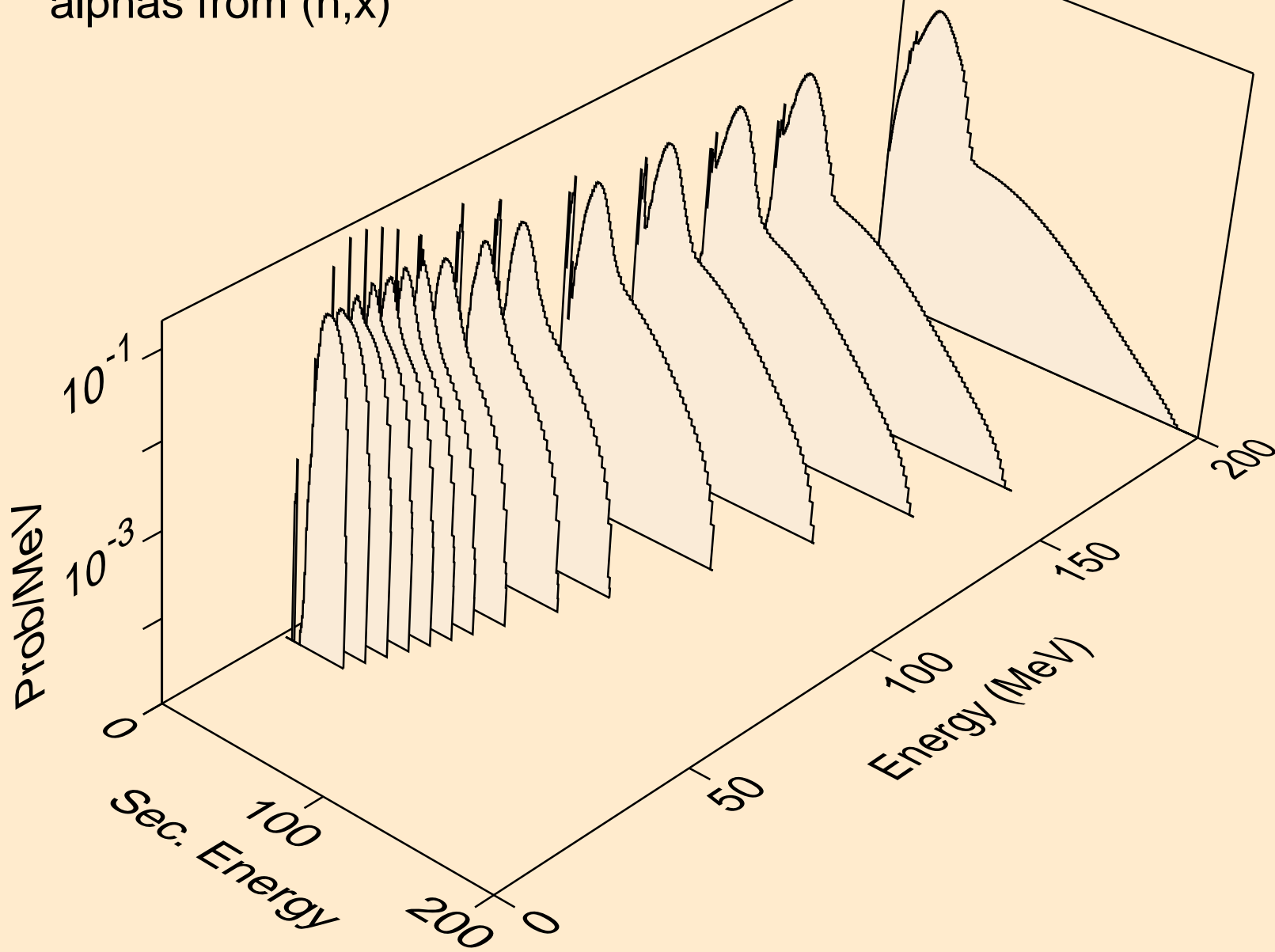
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



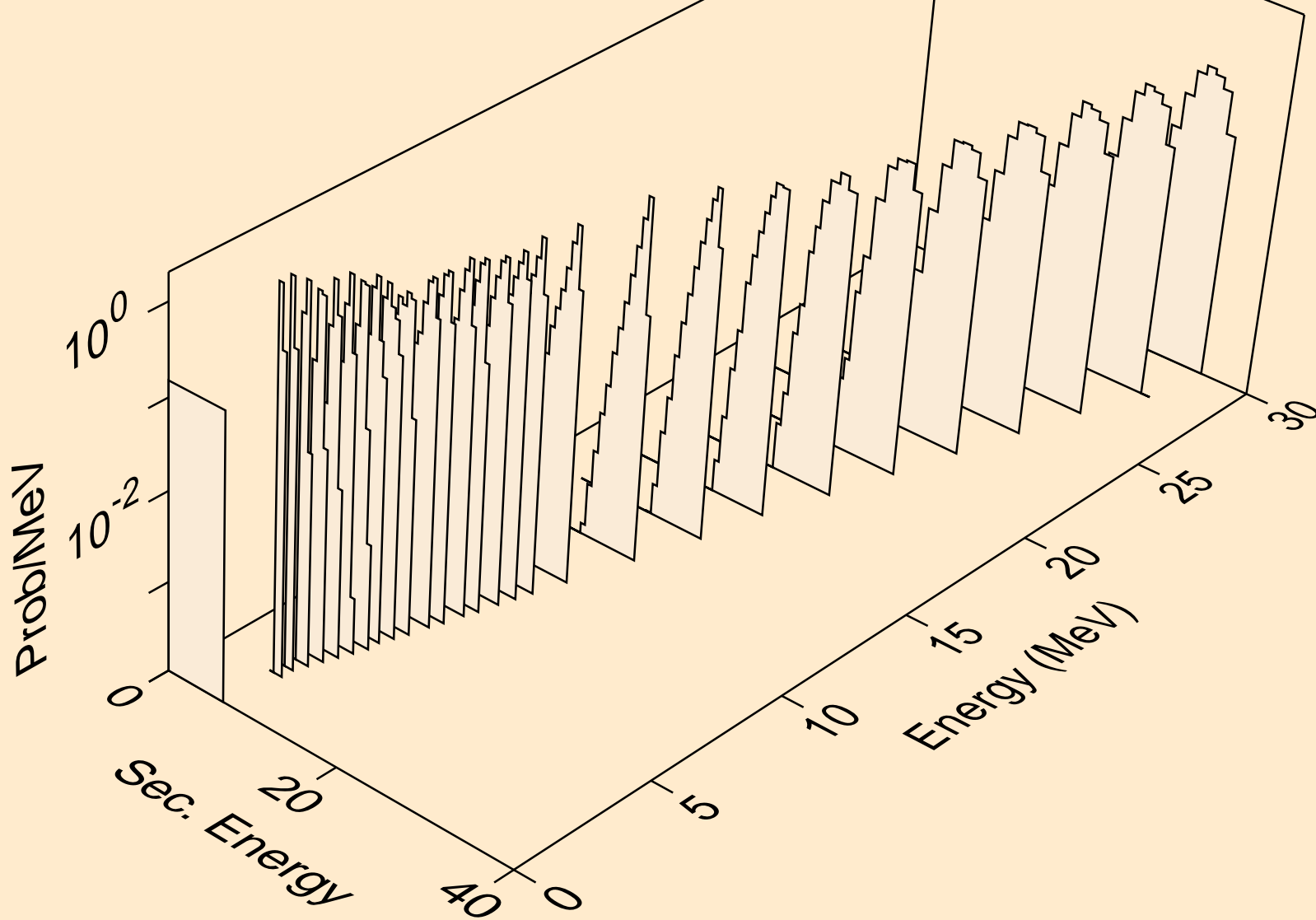
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he3s from (n,he3)



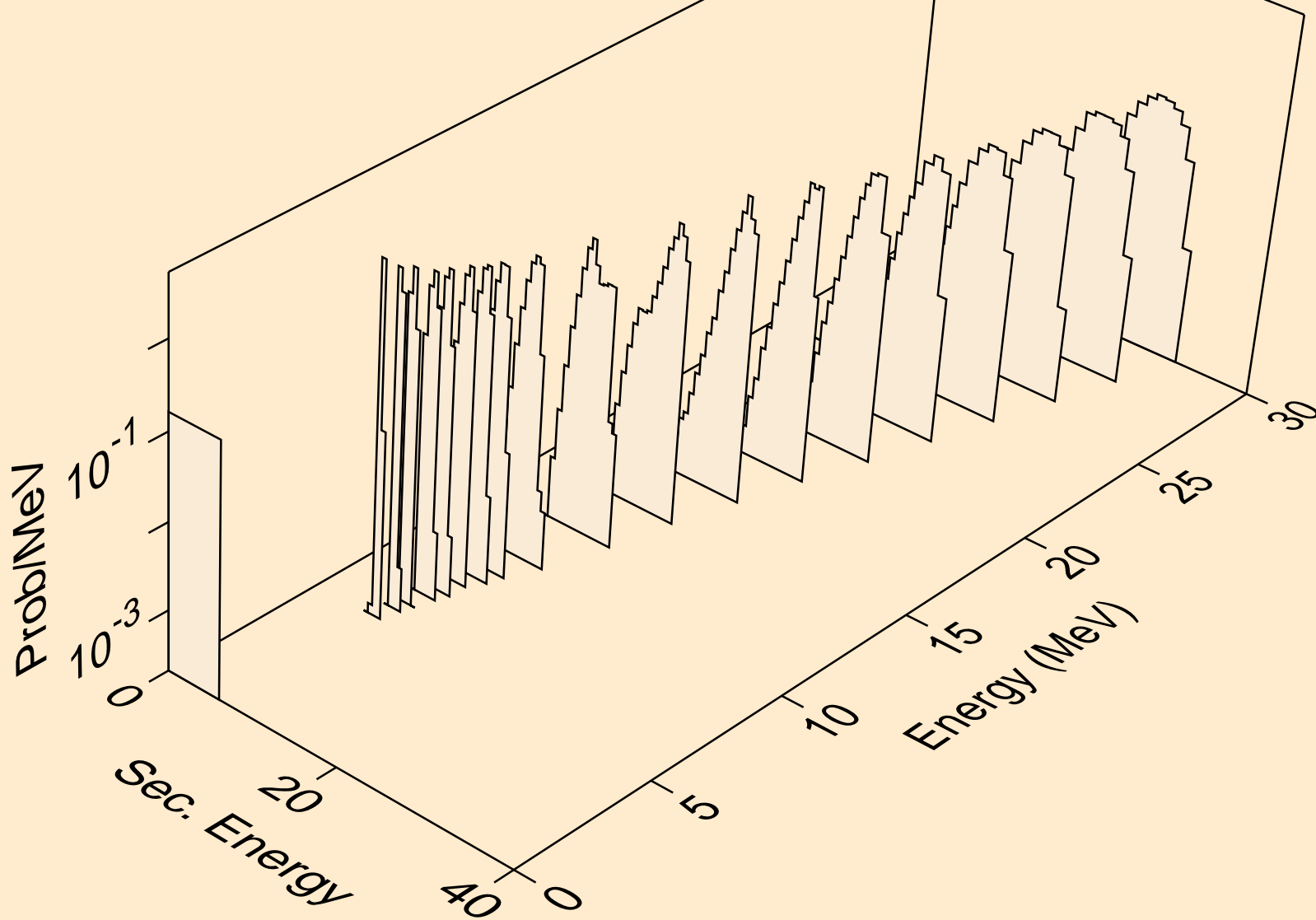
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



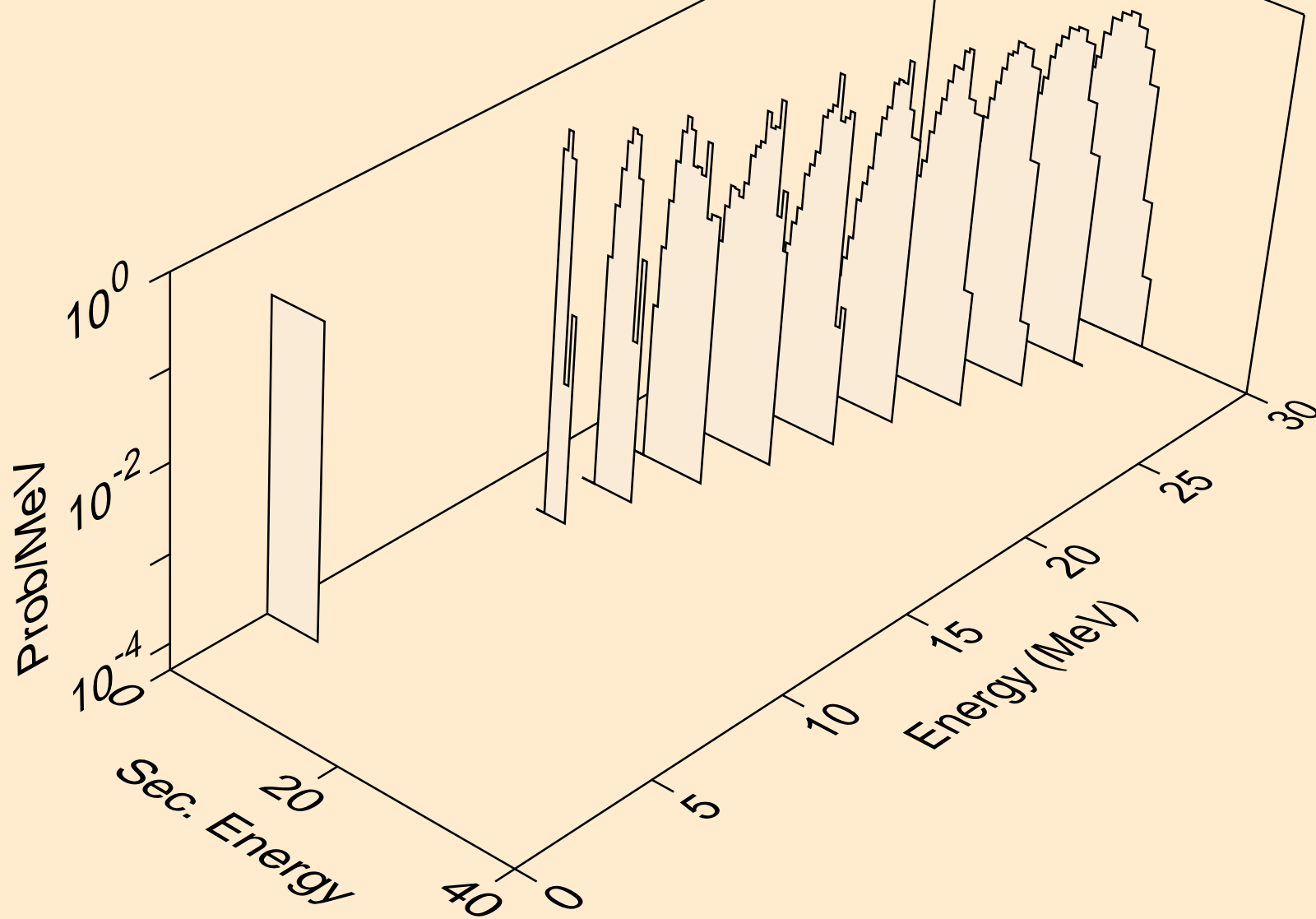
AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



AT222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

