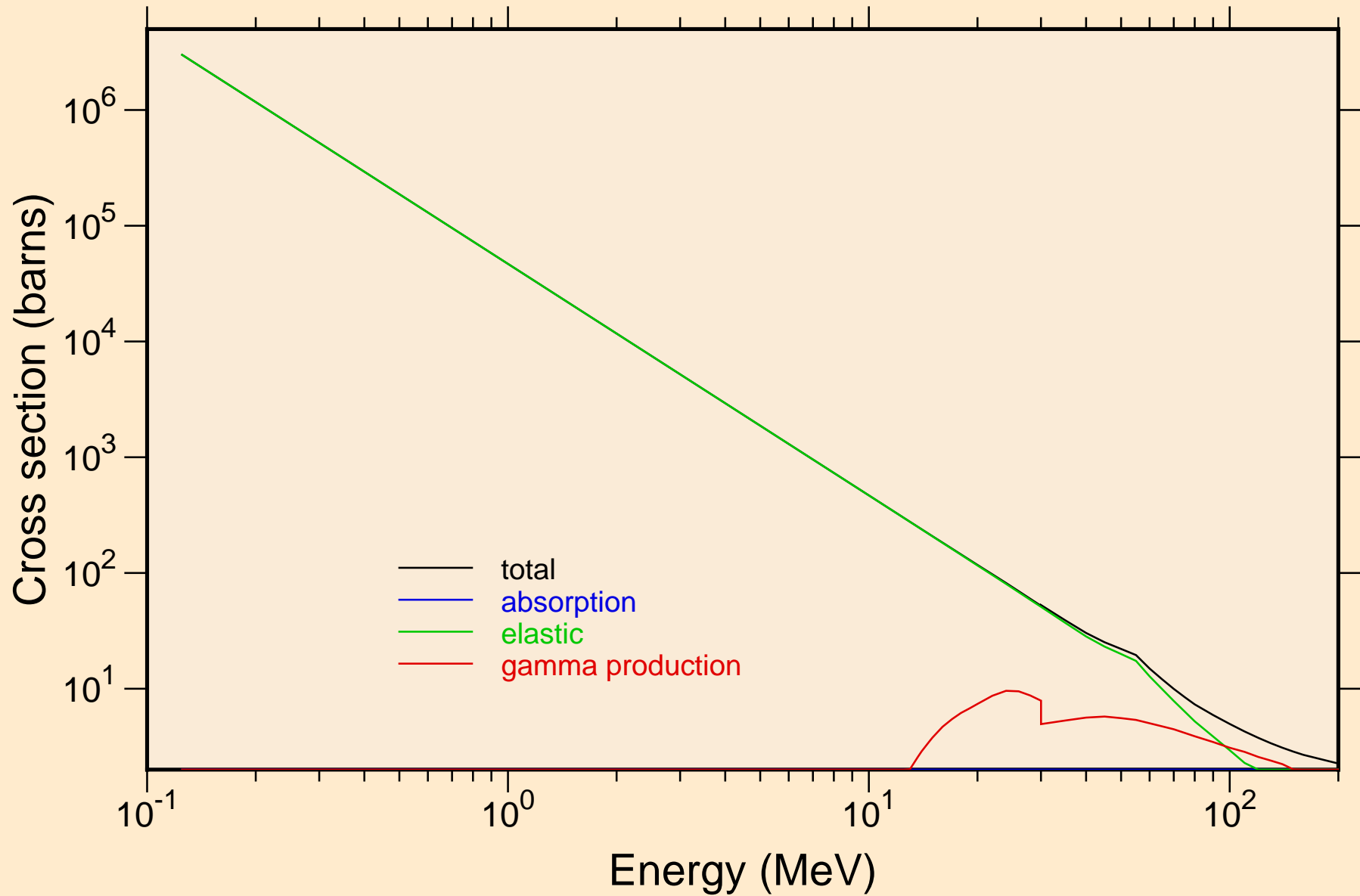
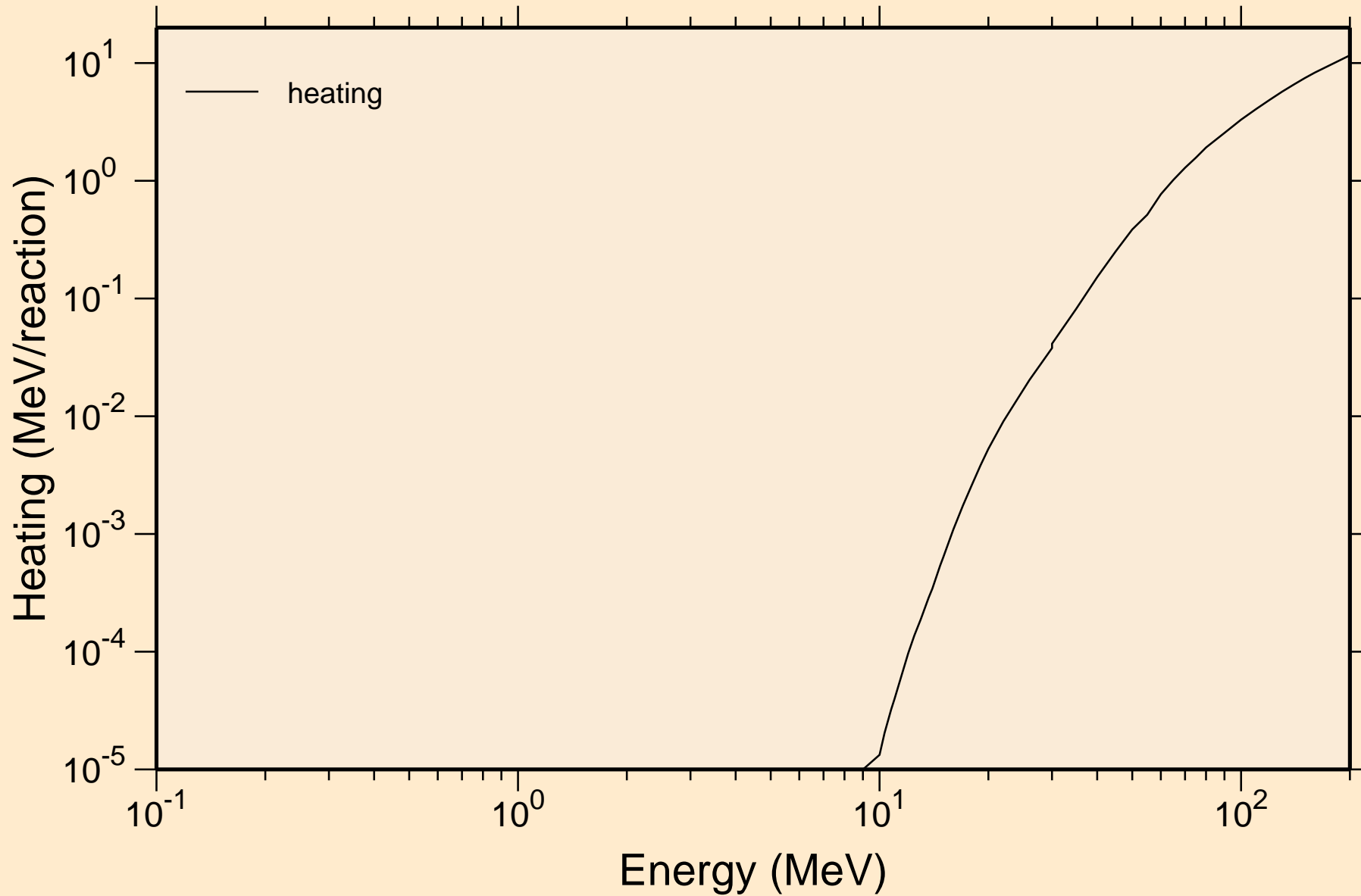


FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



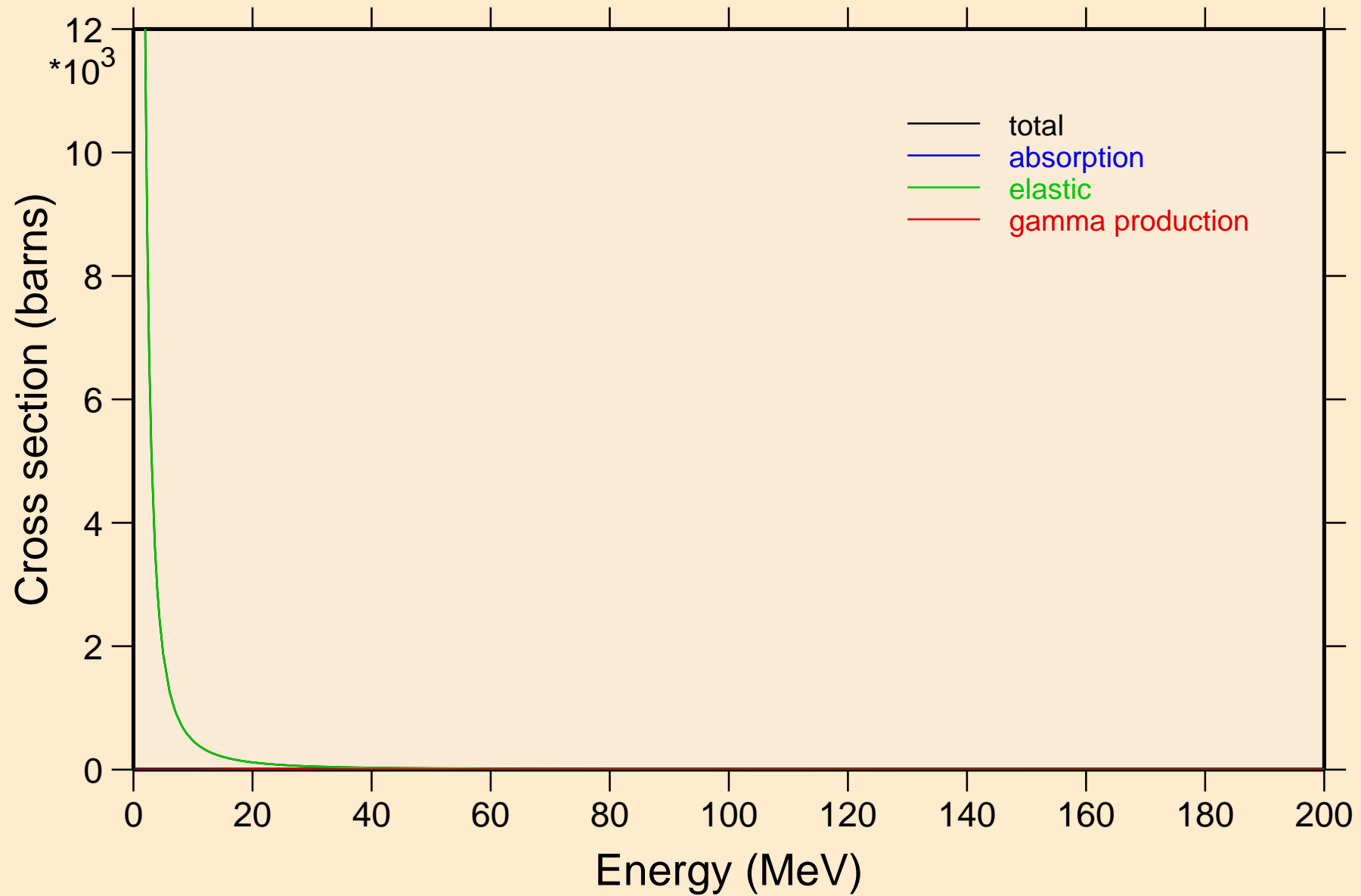
# FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



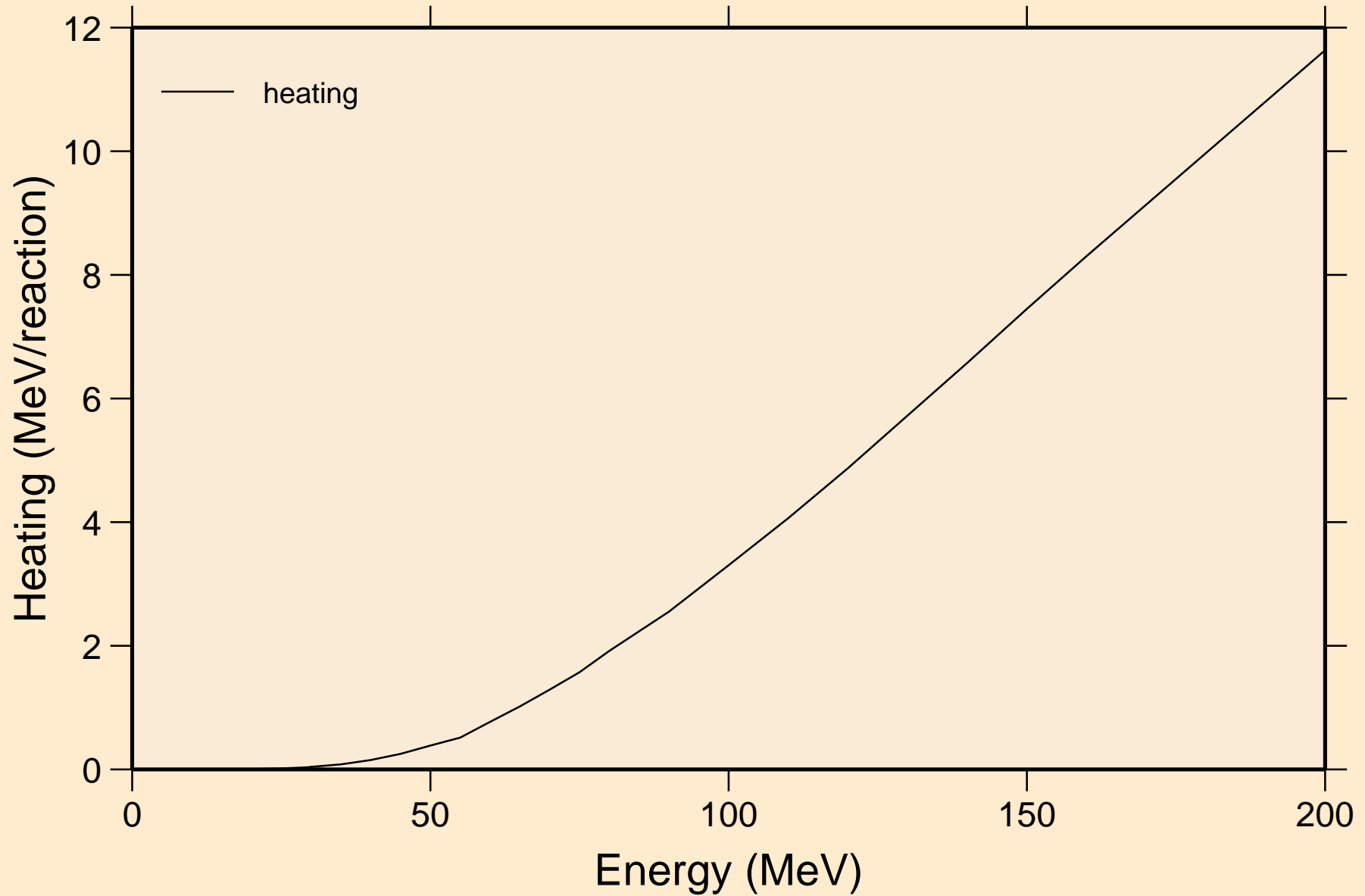
# FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

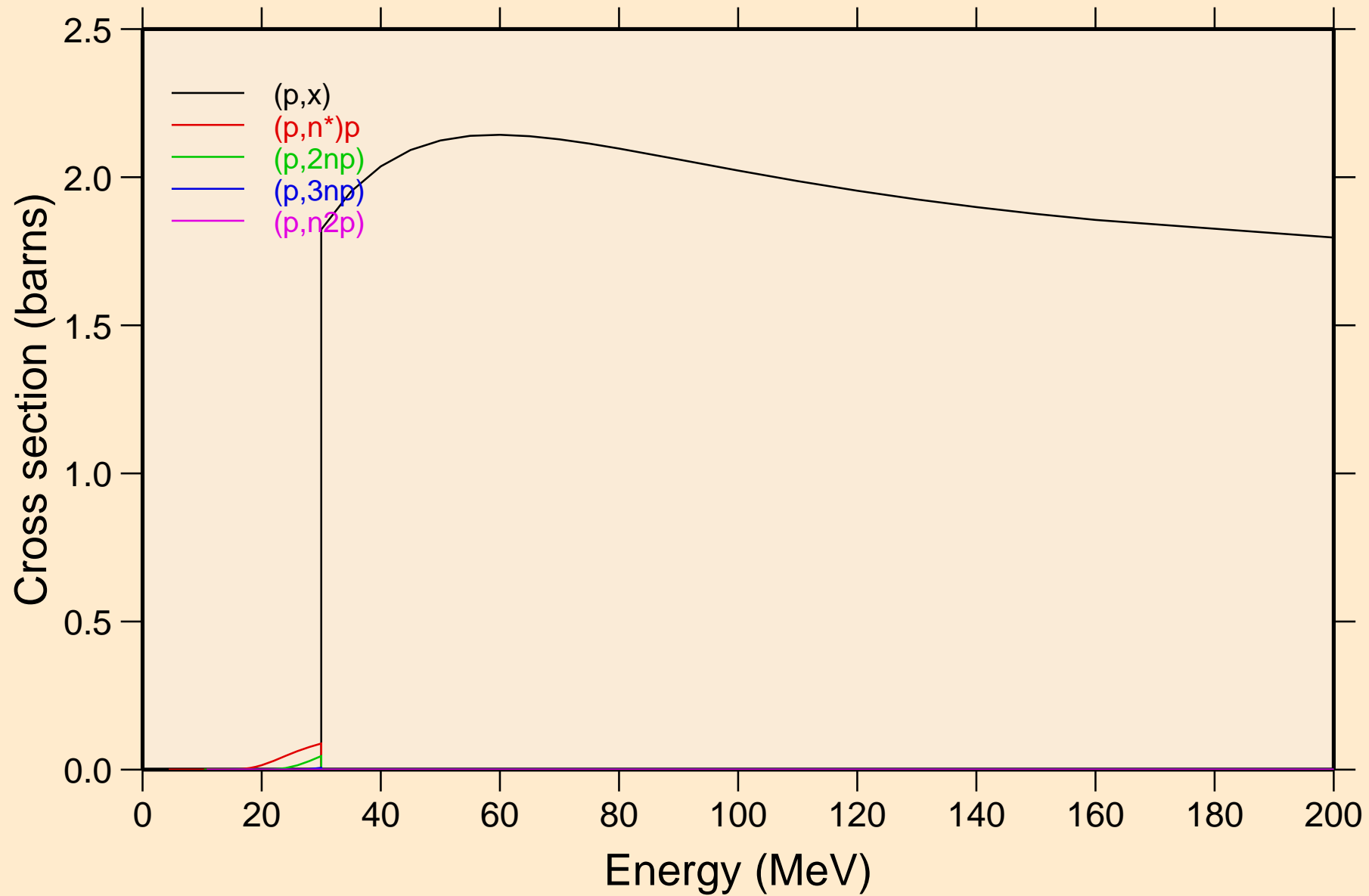


FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K

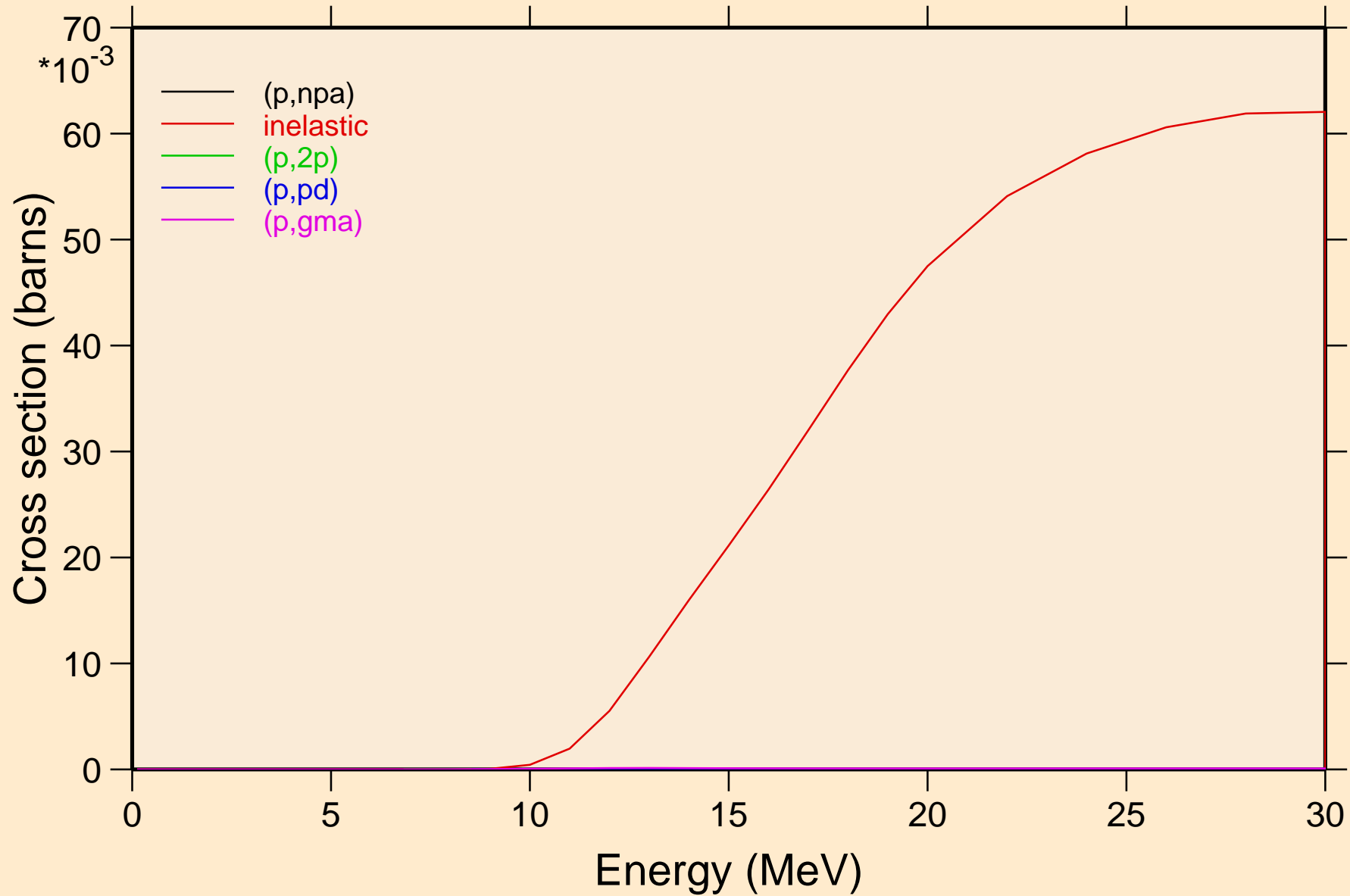
Heating



FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

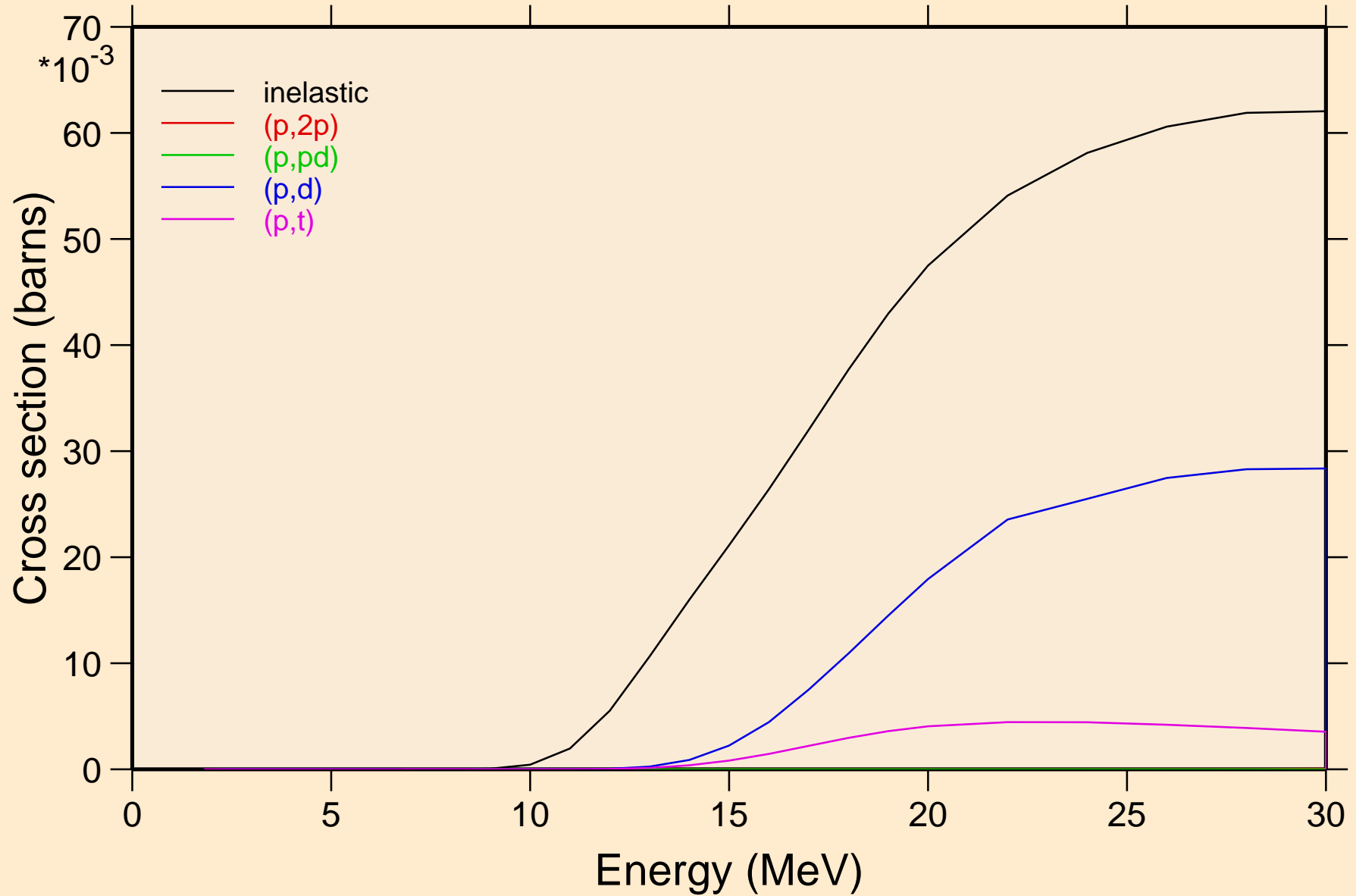


FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

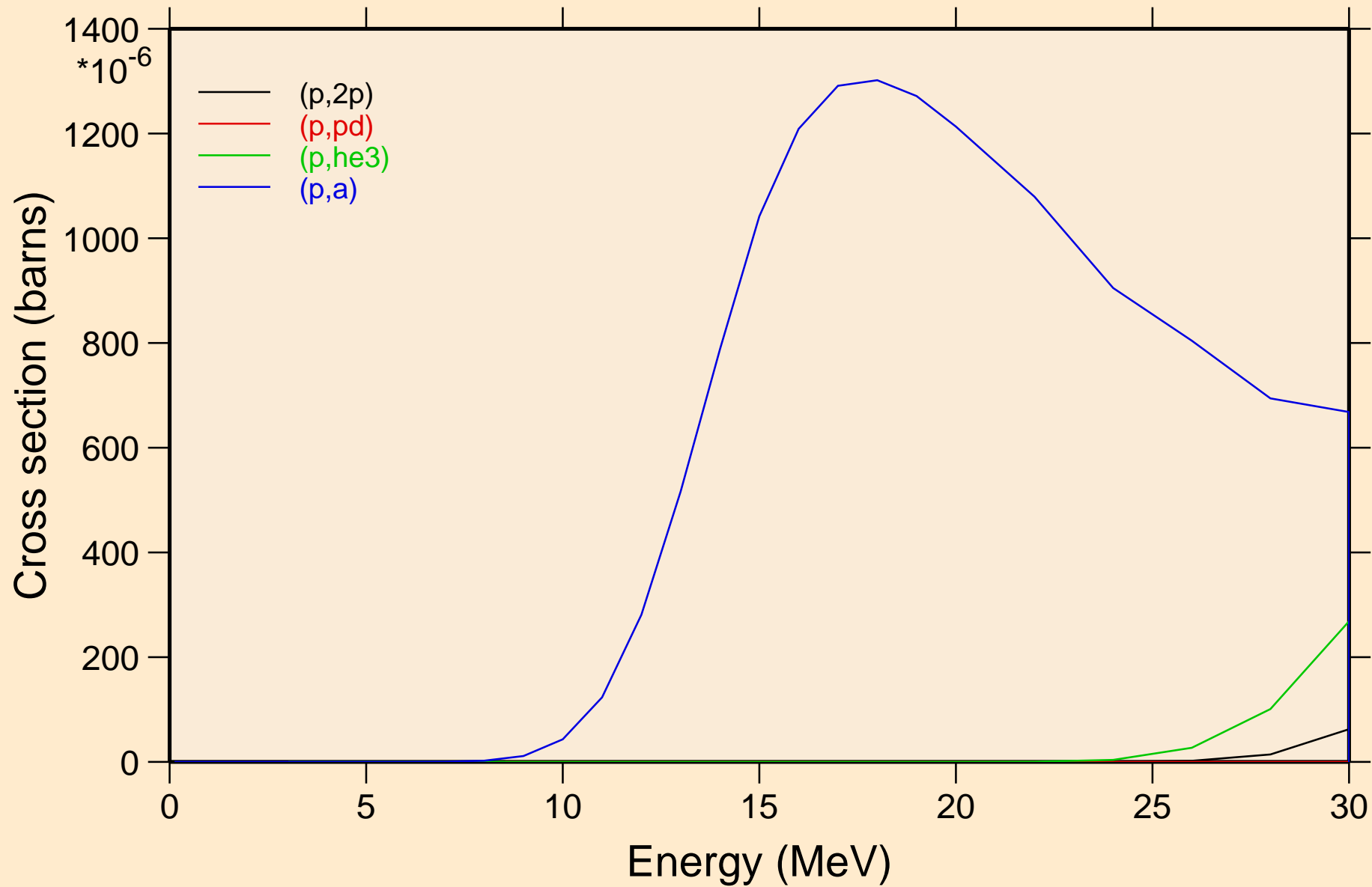


# FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K

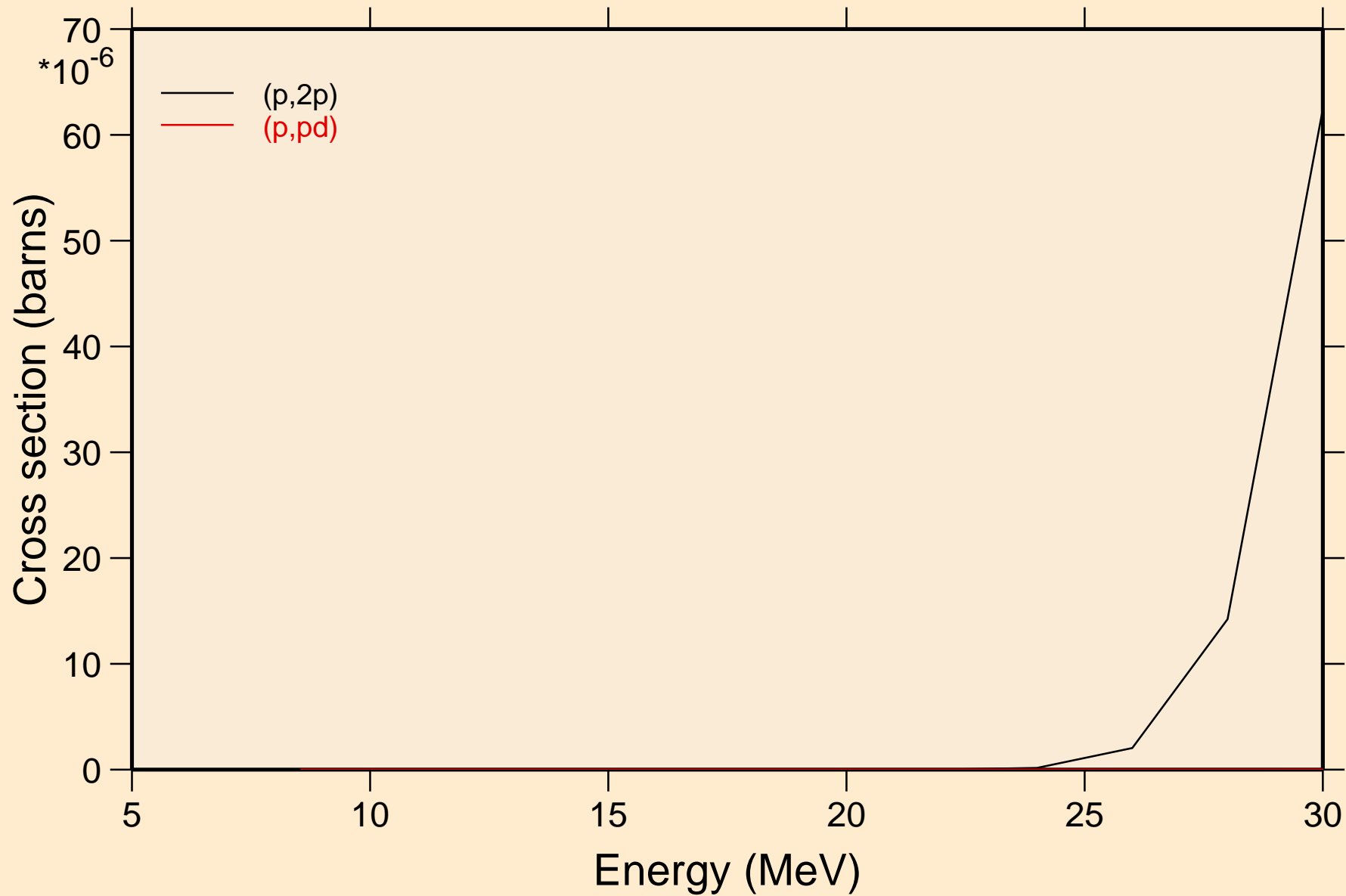
## Threshold reactions



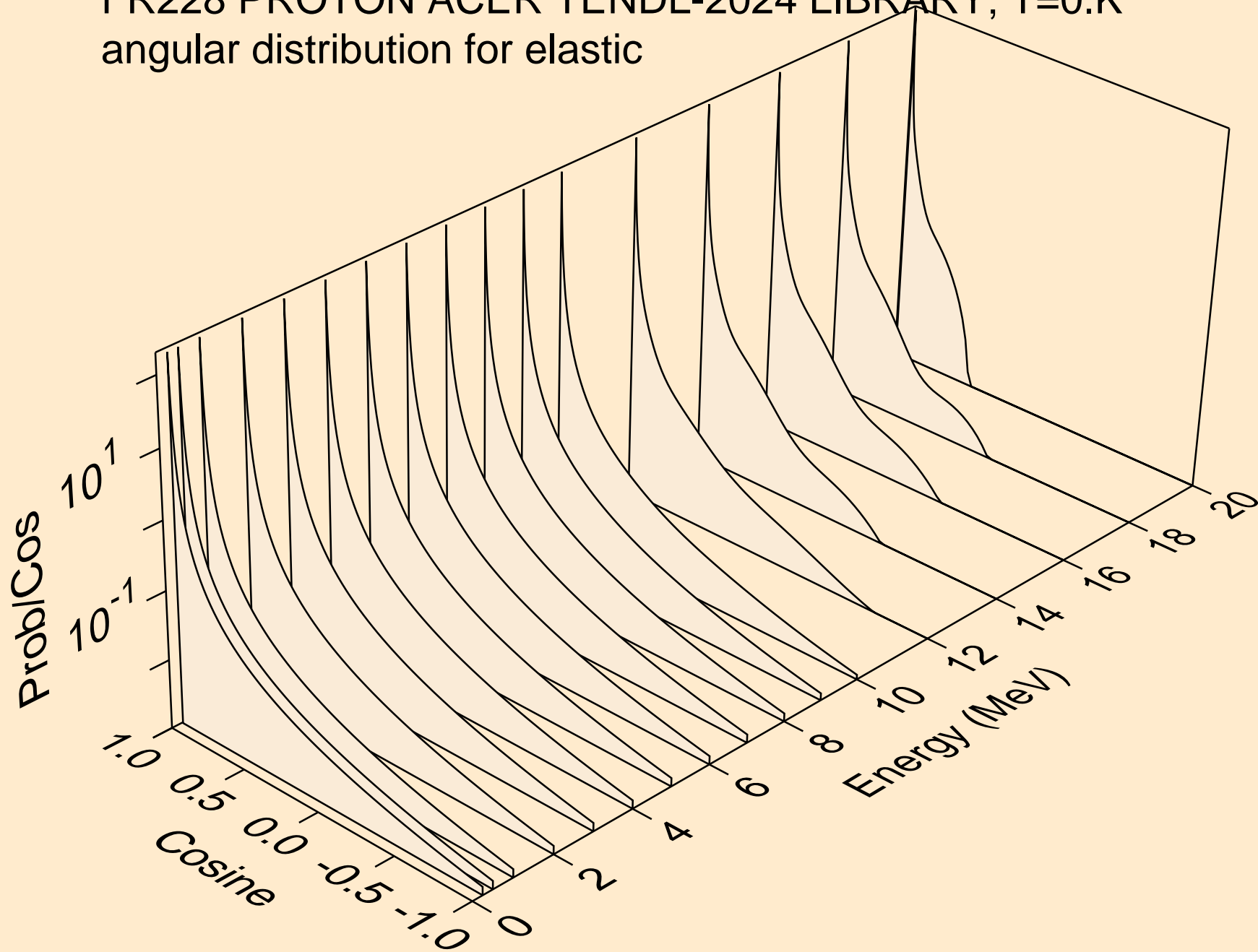
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



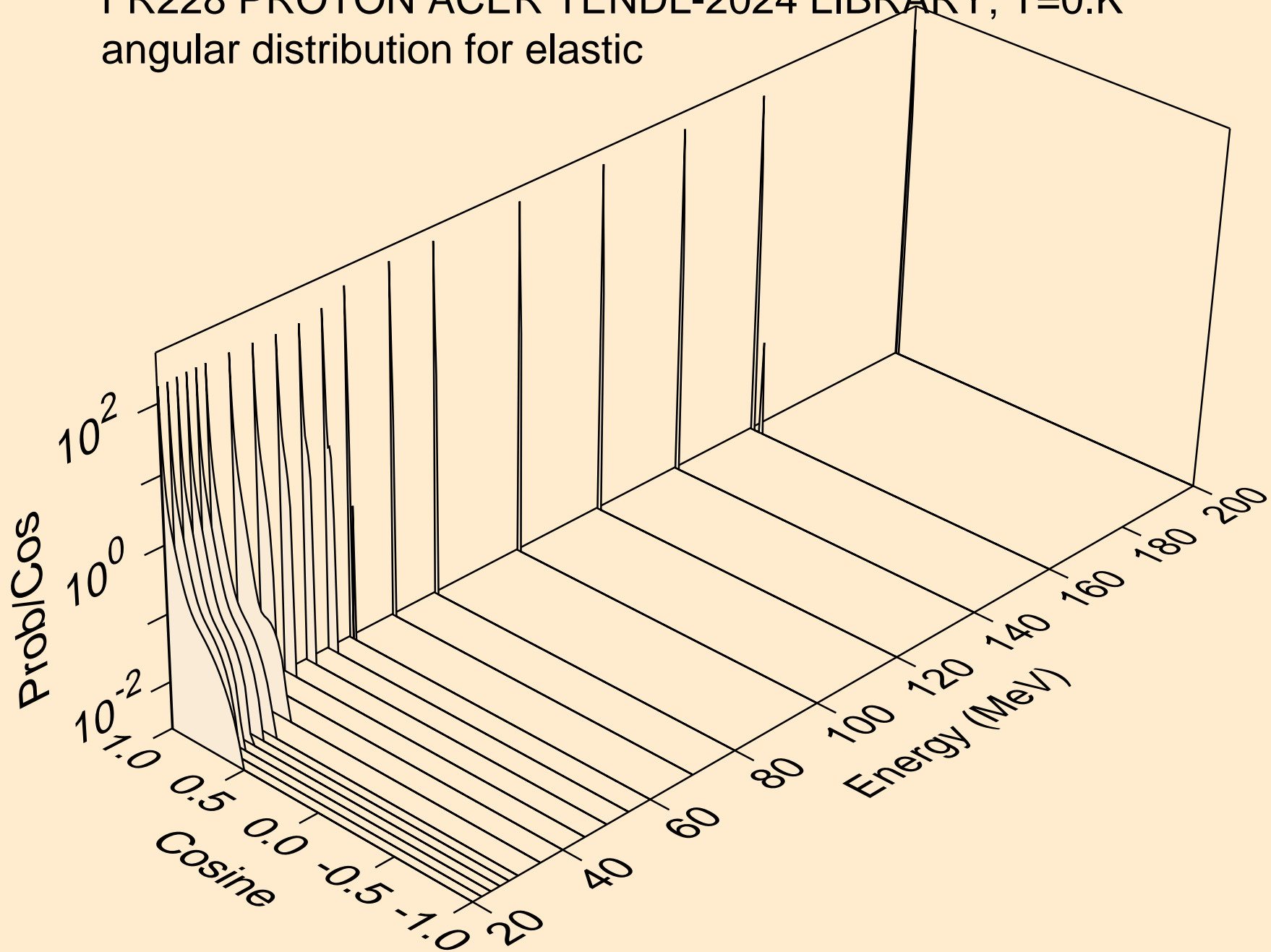
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



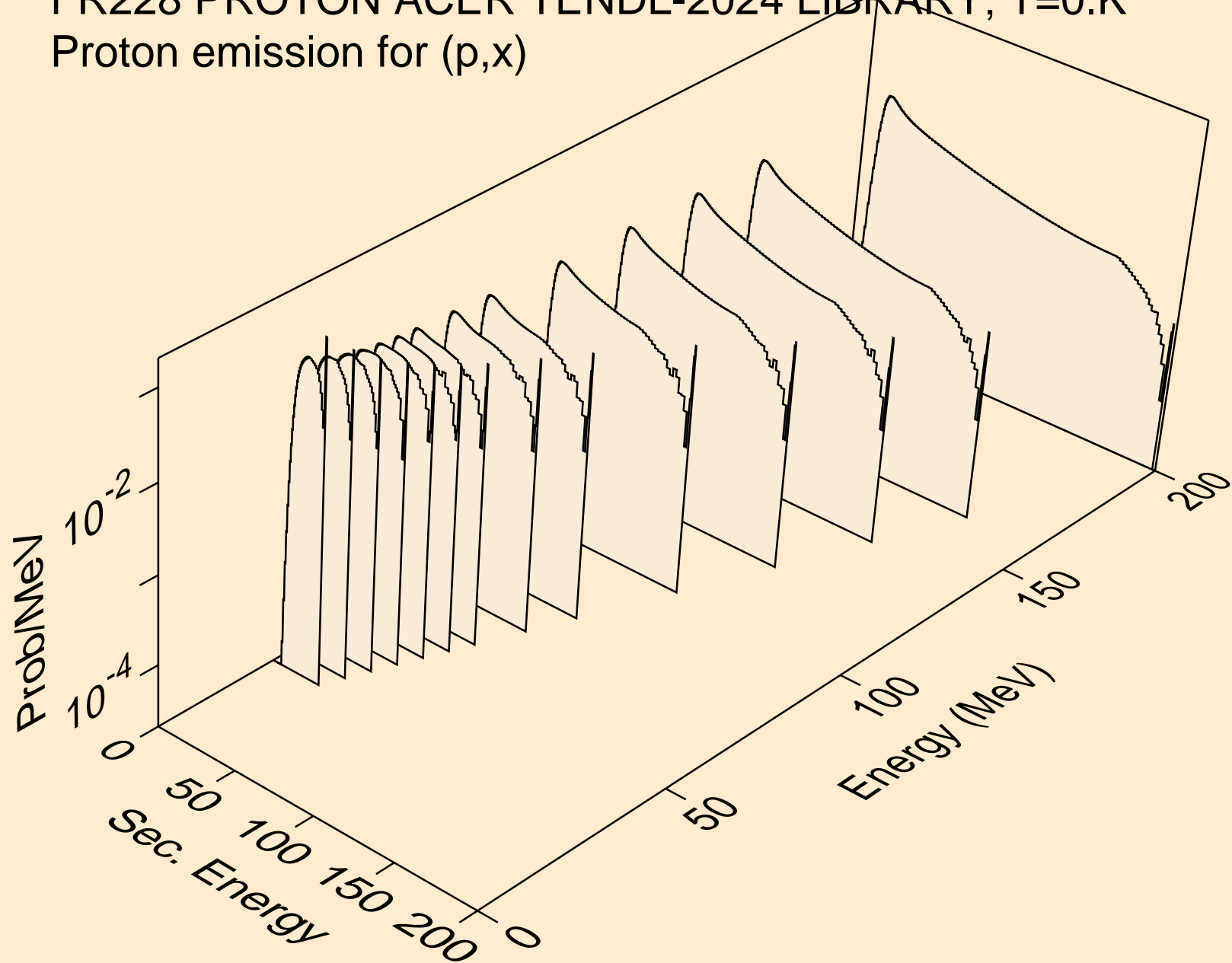
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



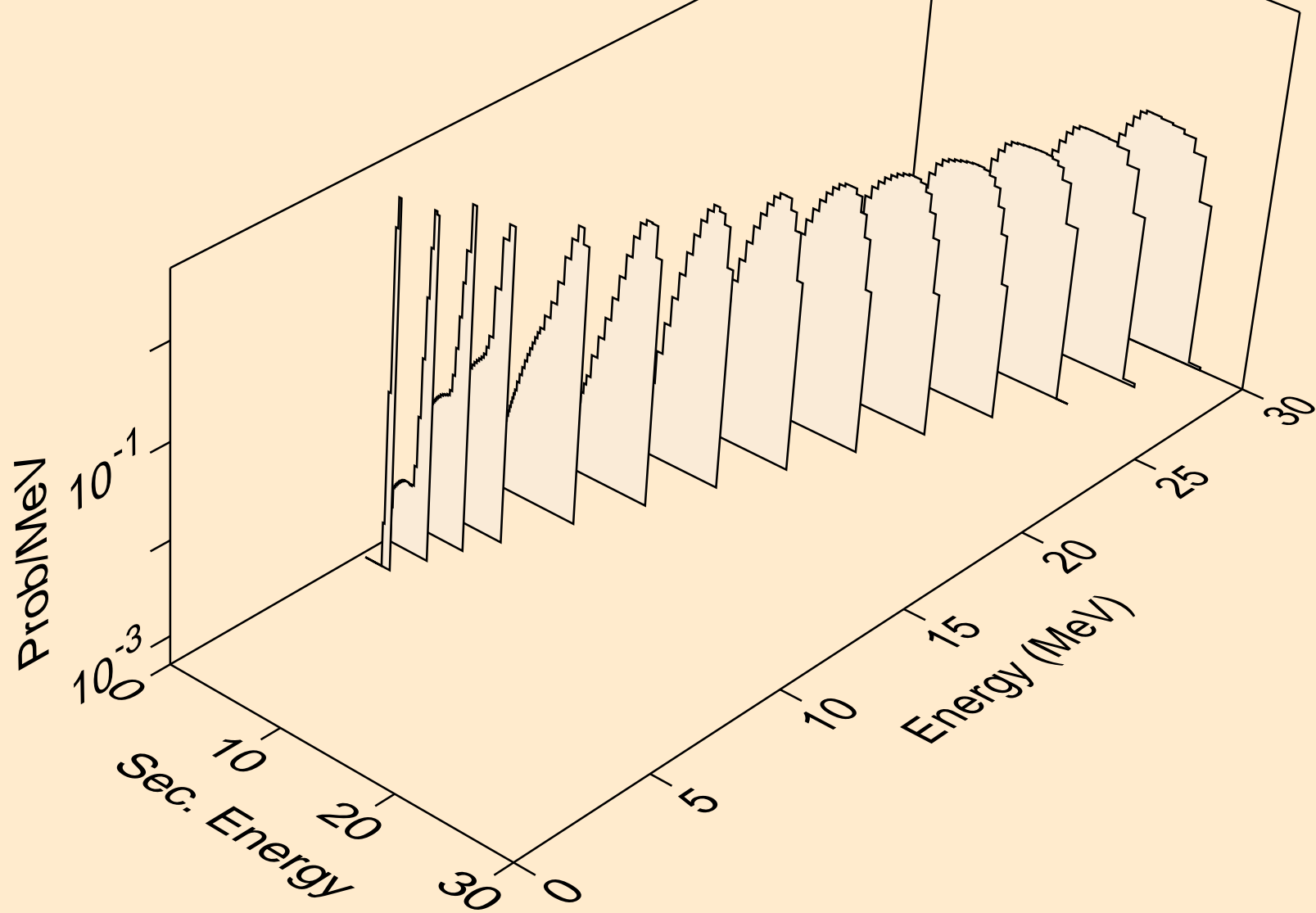
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



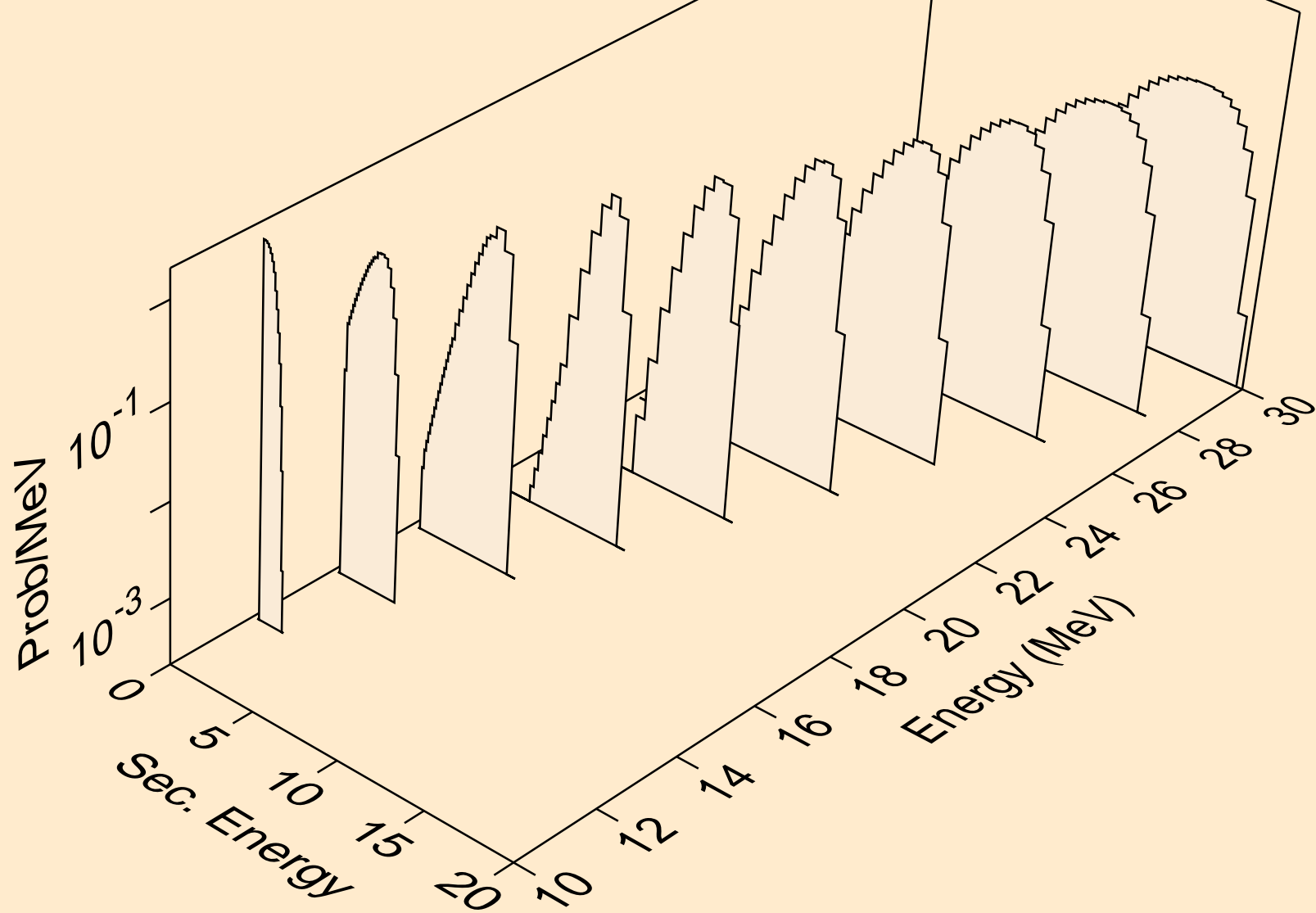
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,x)



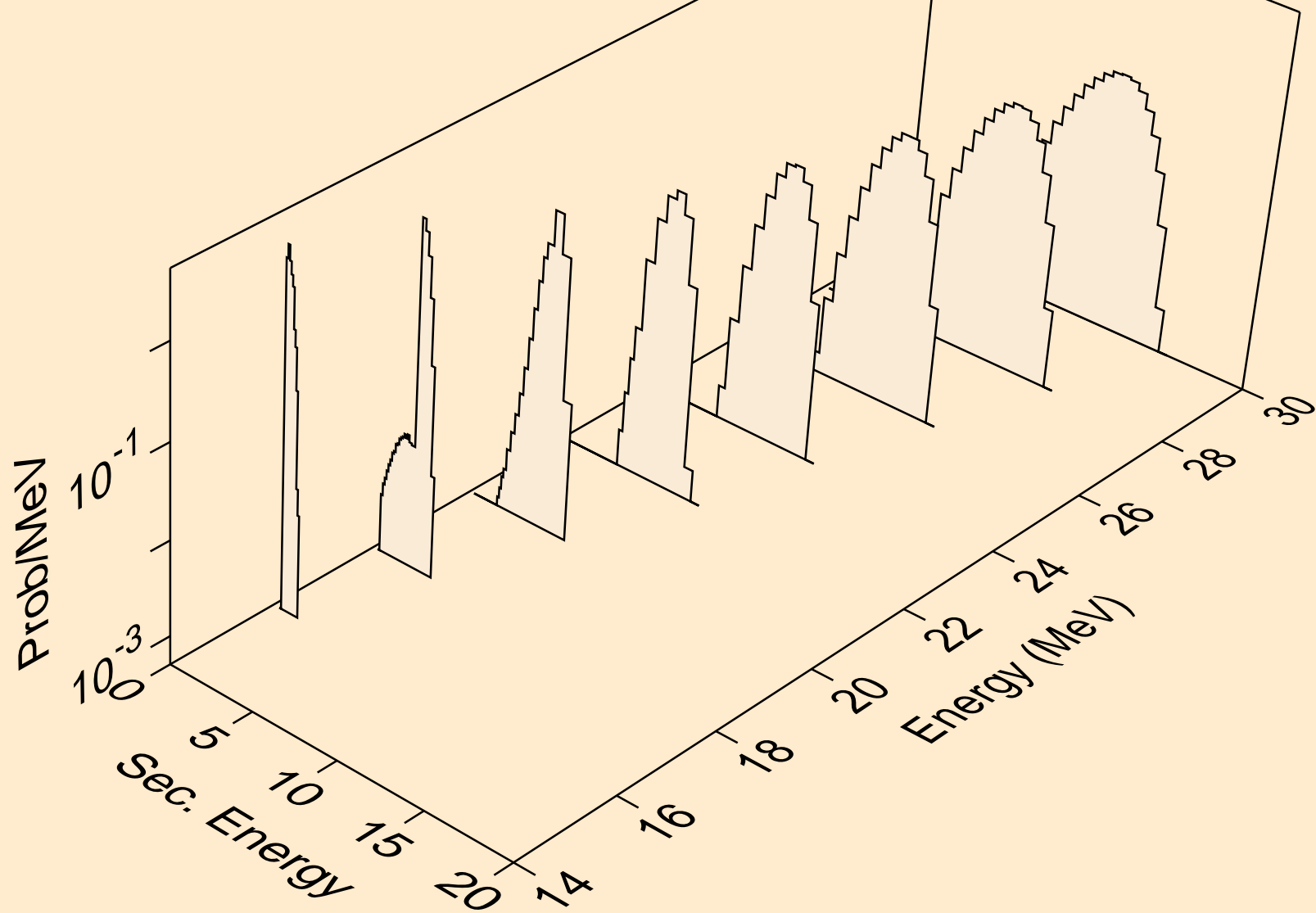
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



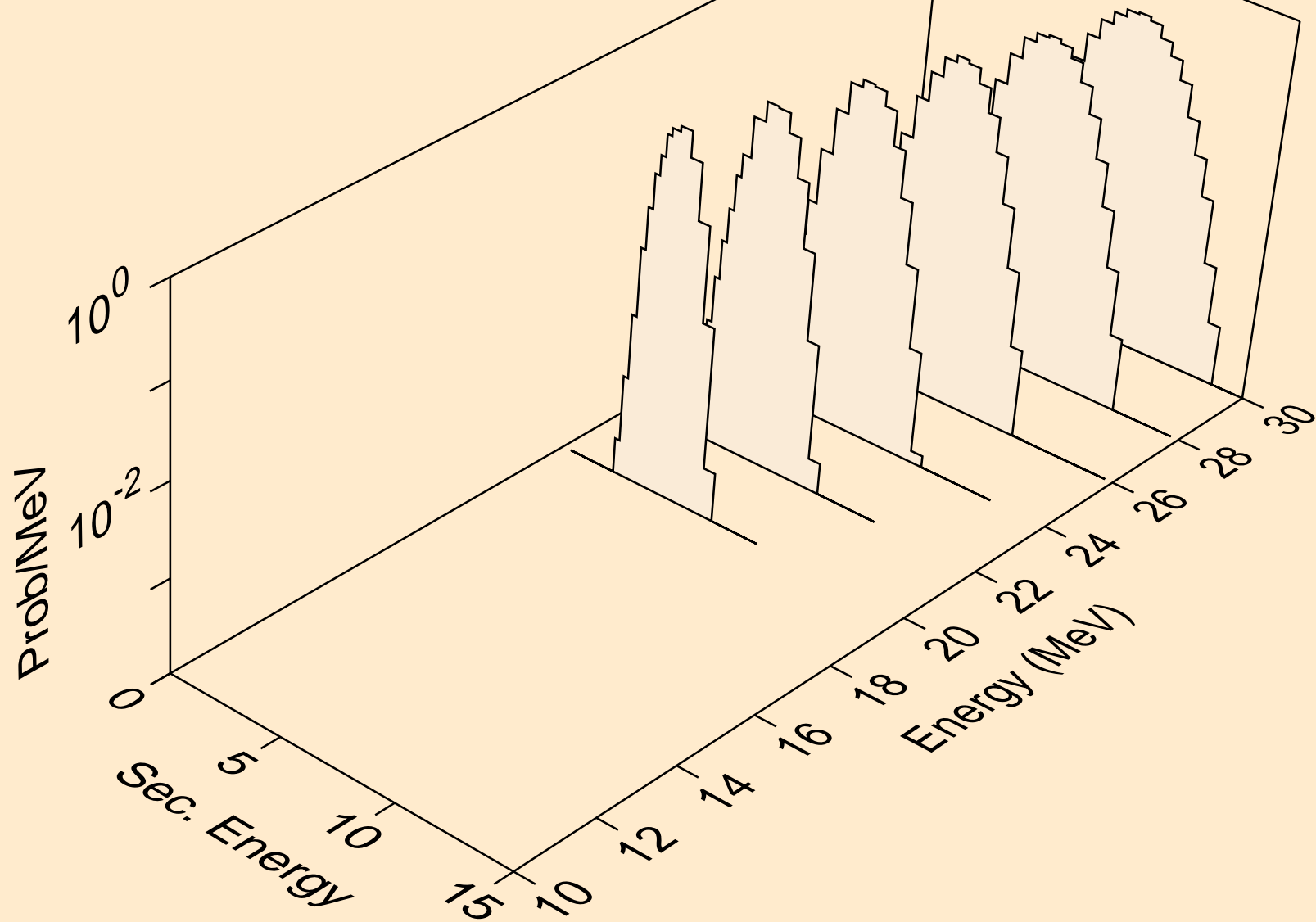
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2np)



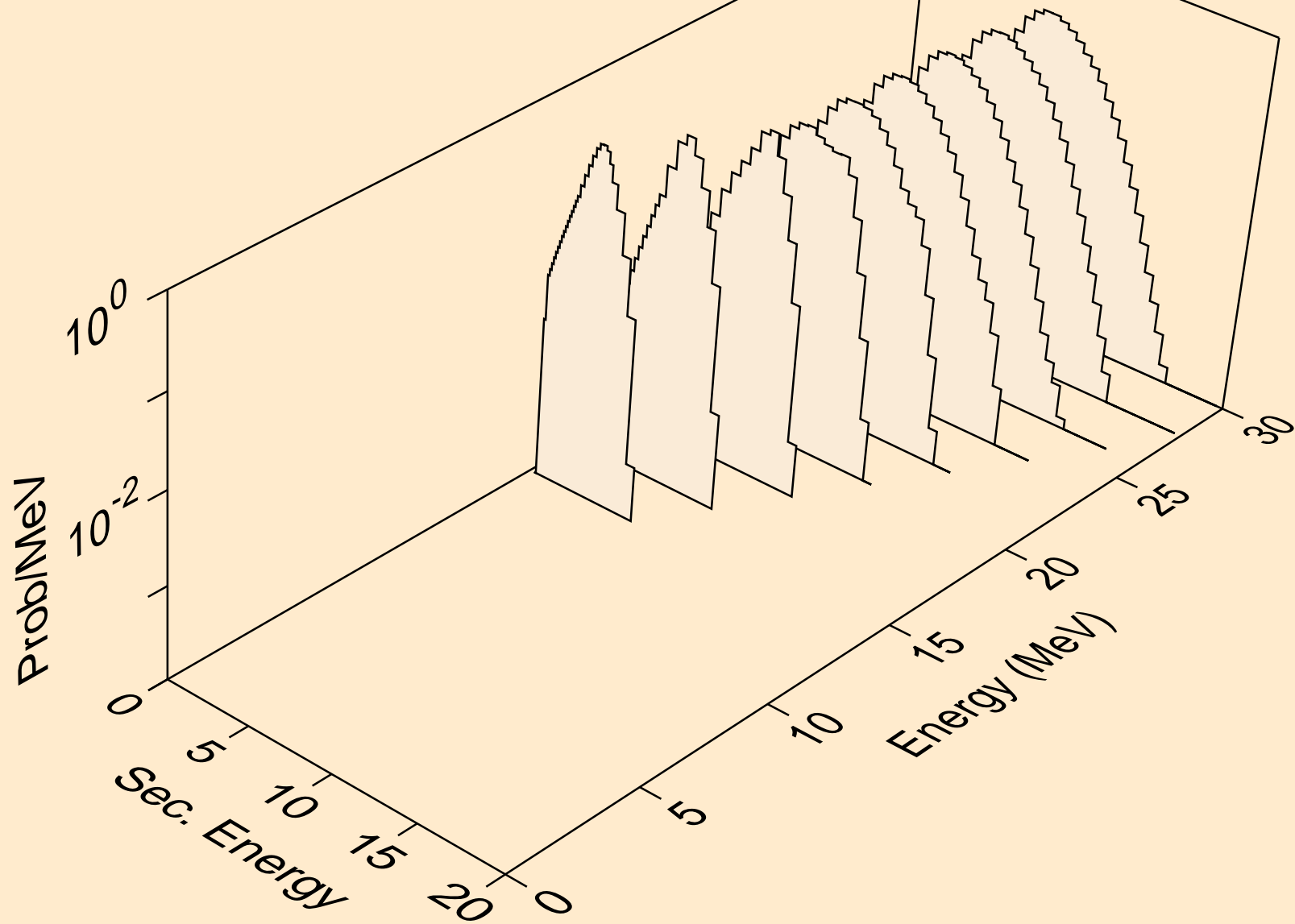
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,3np)



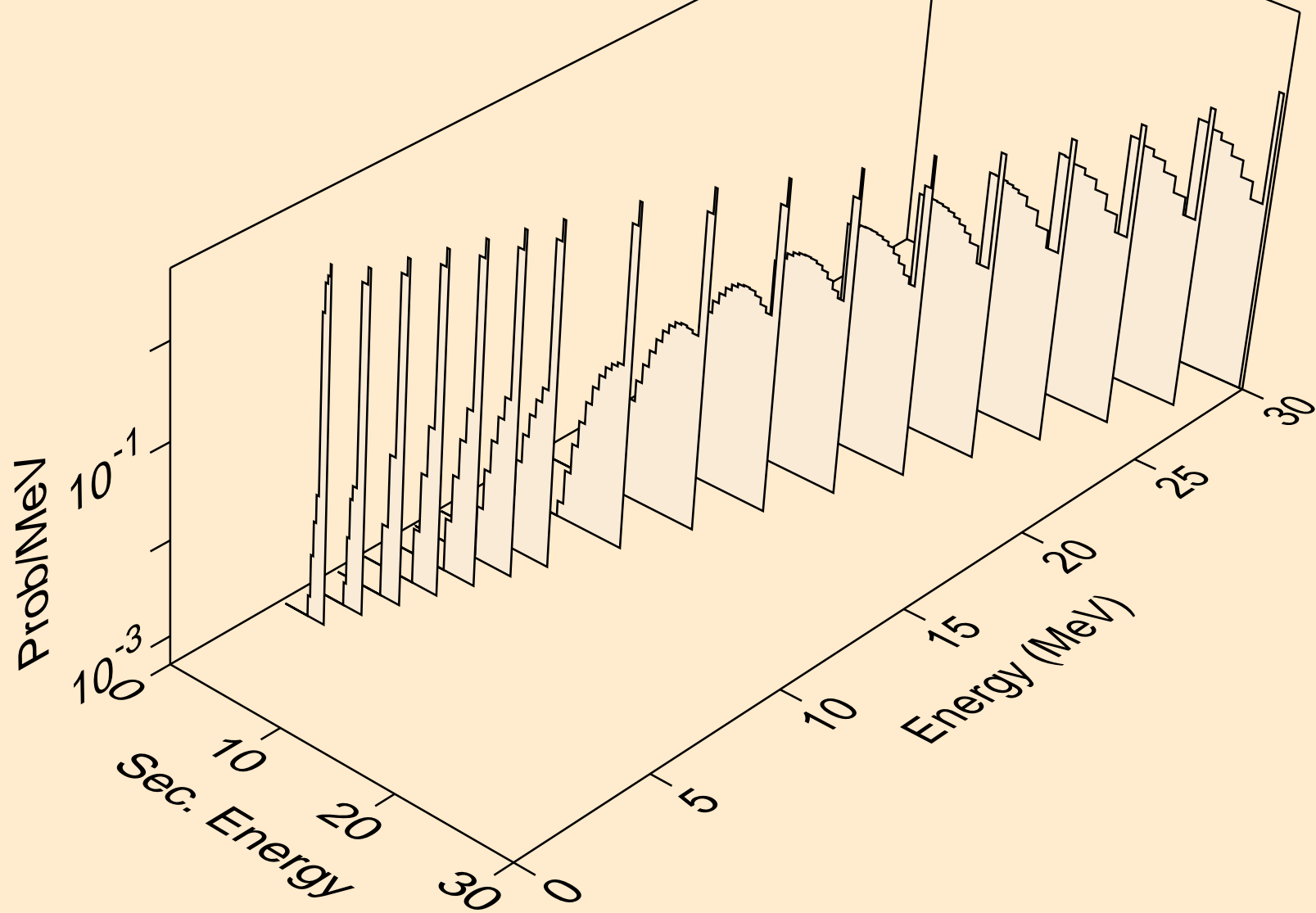
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n2p)



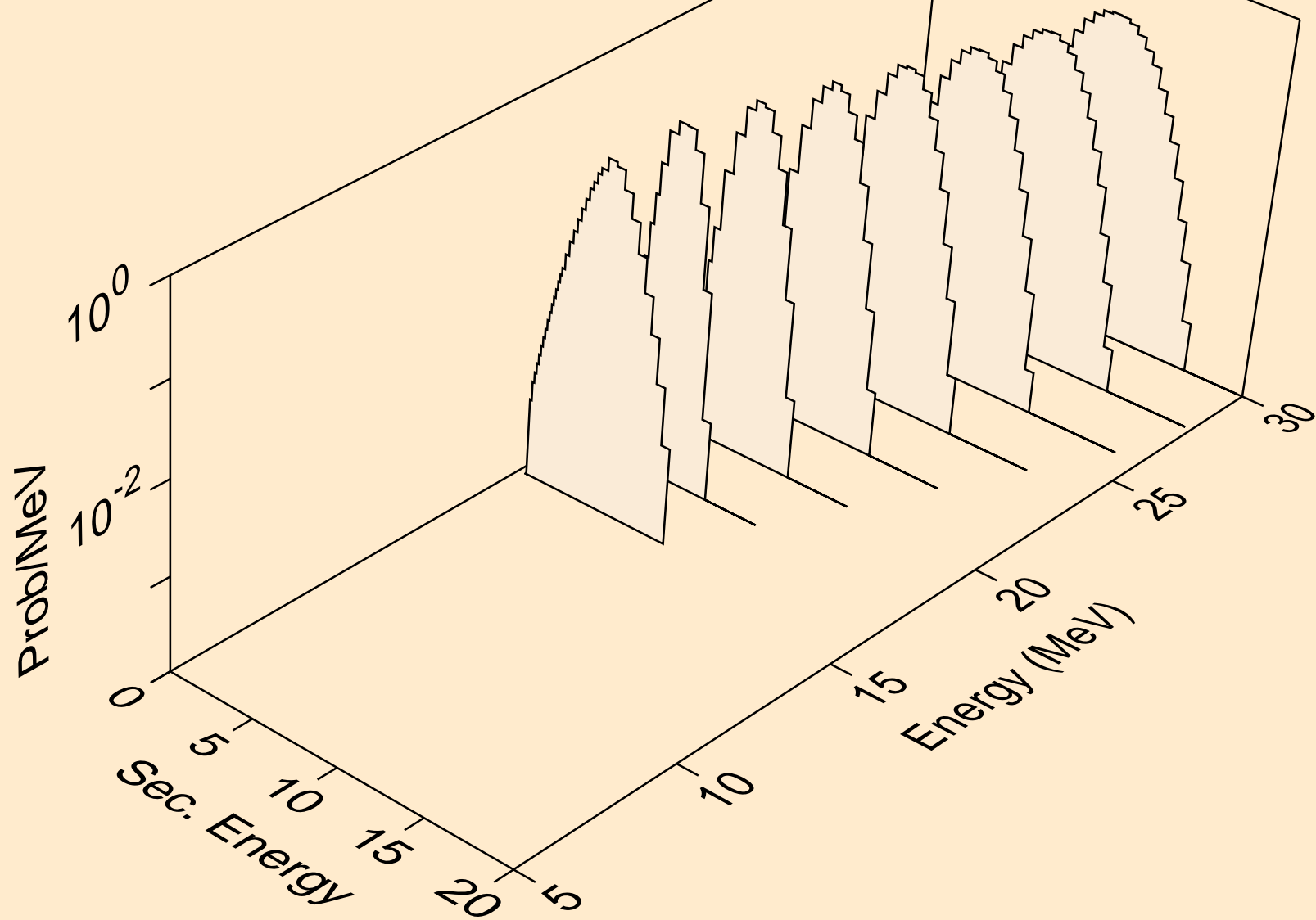
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,npa)



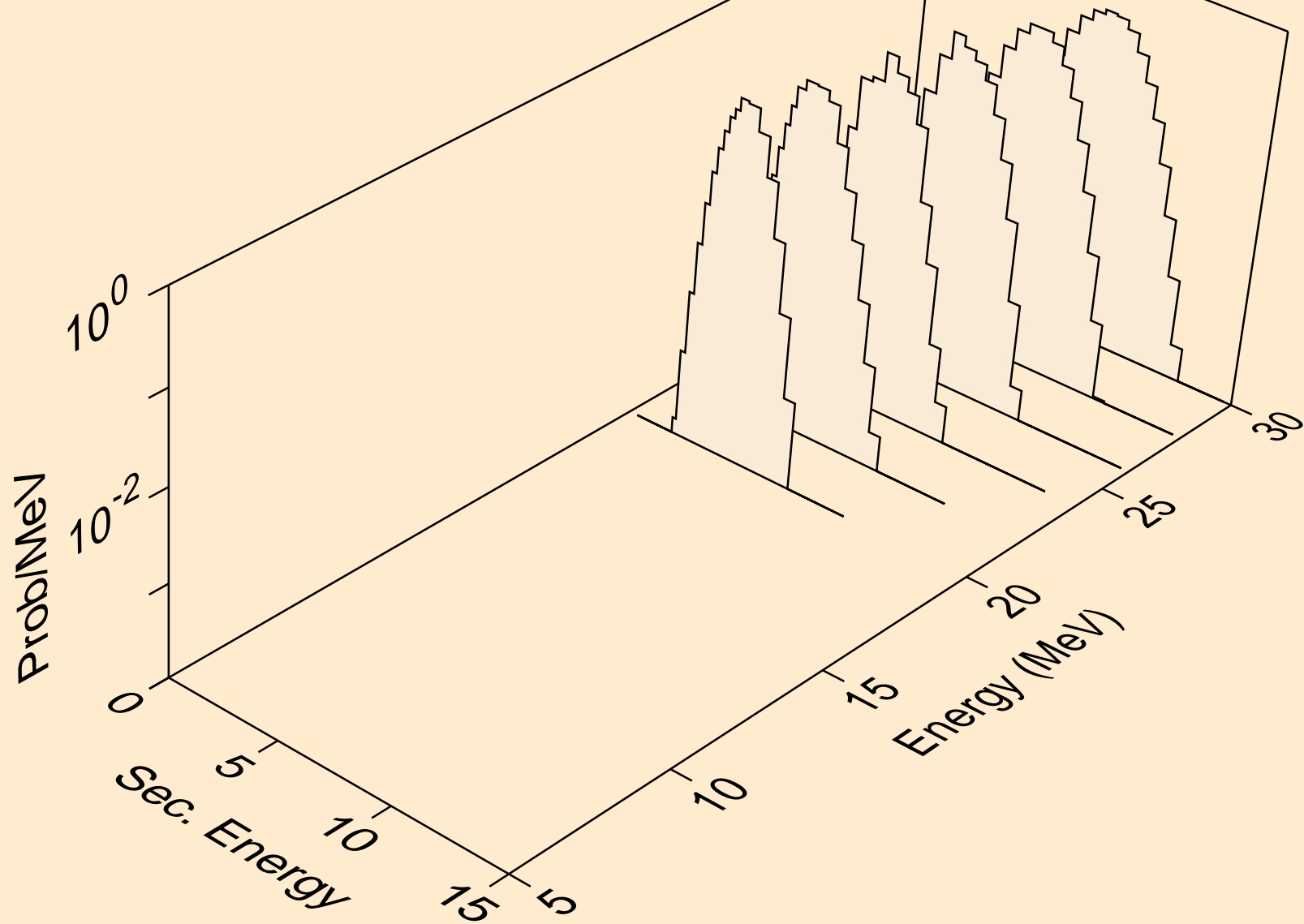
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for inelastic



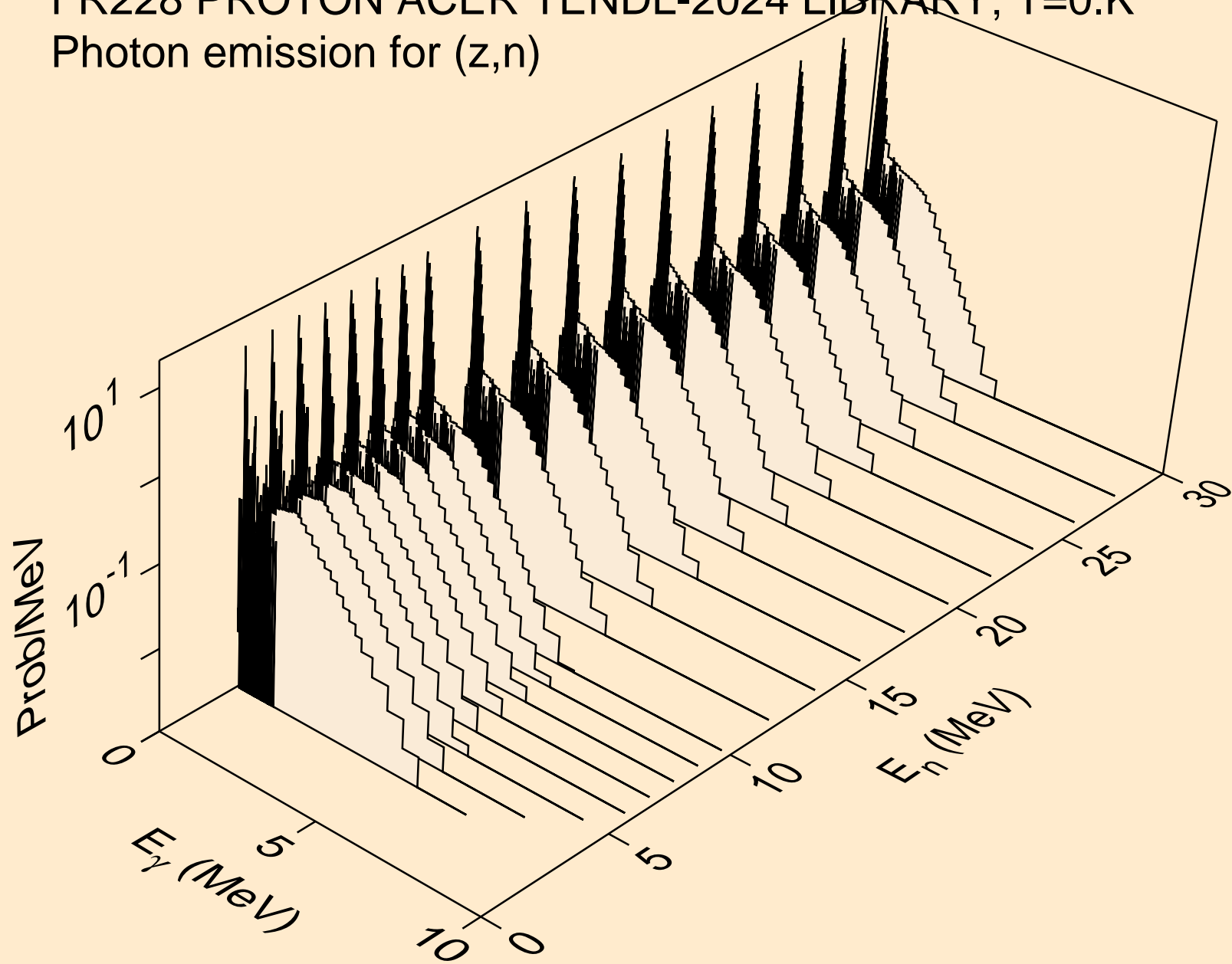
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2p)



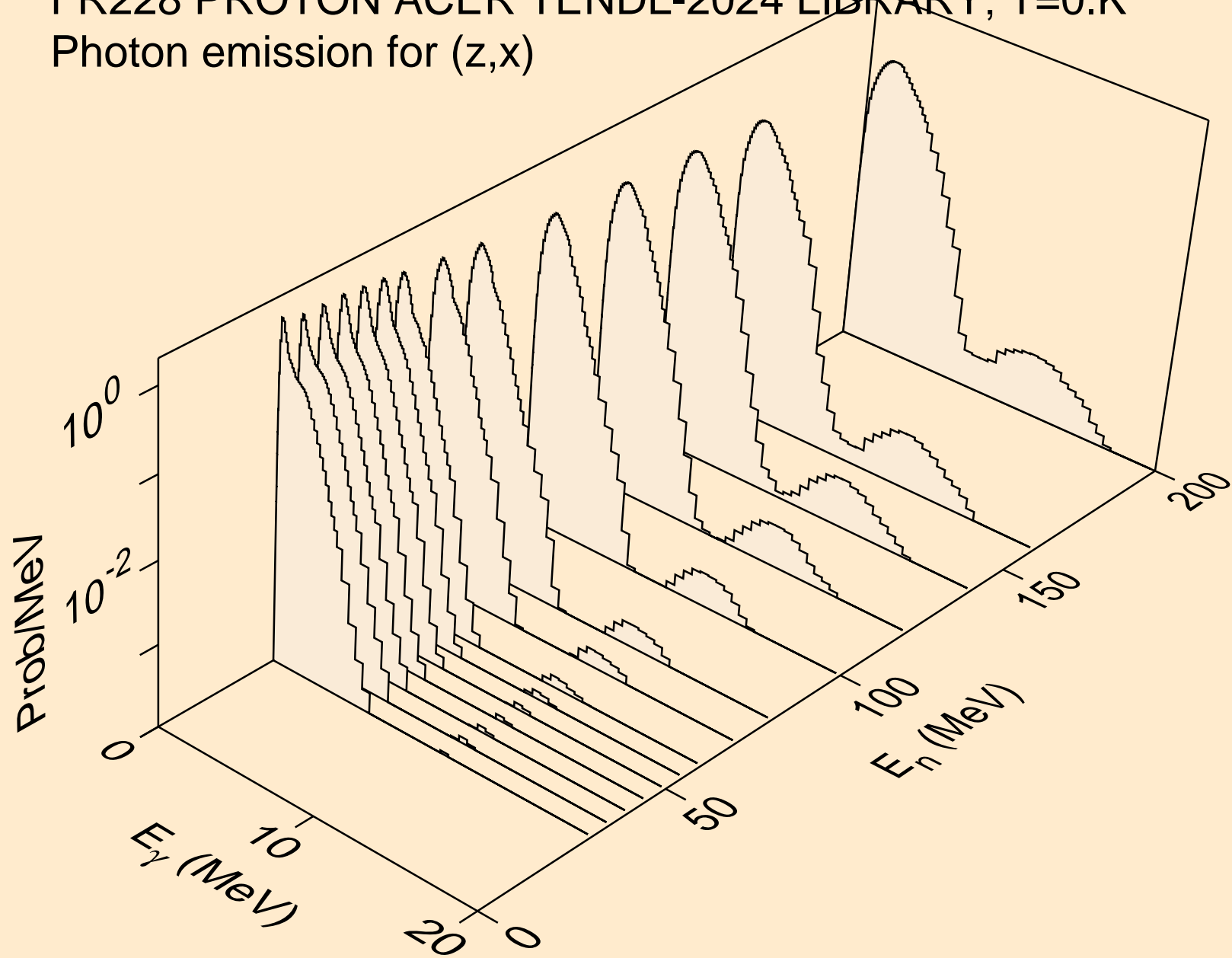
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pd)



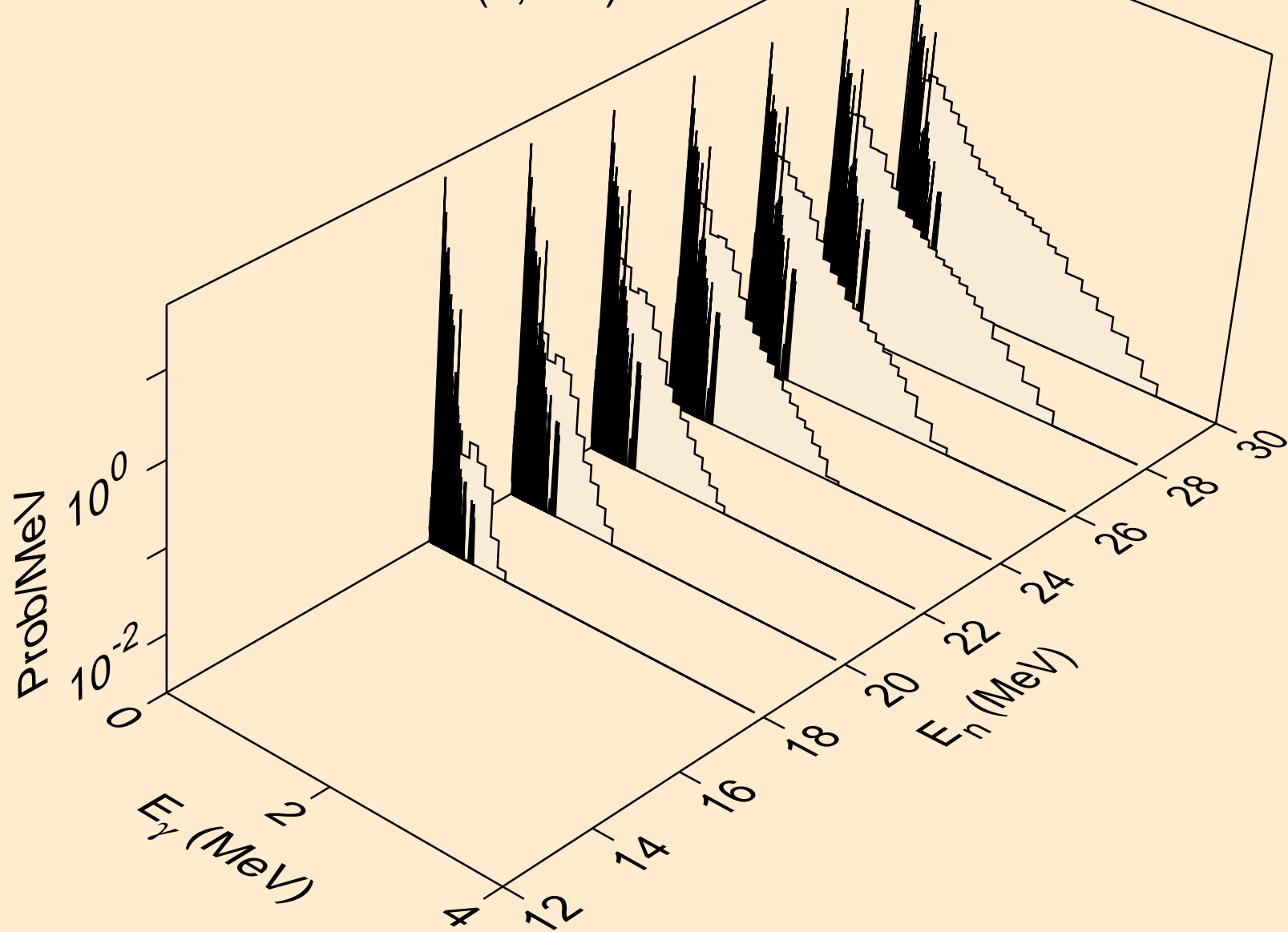
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



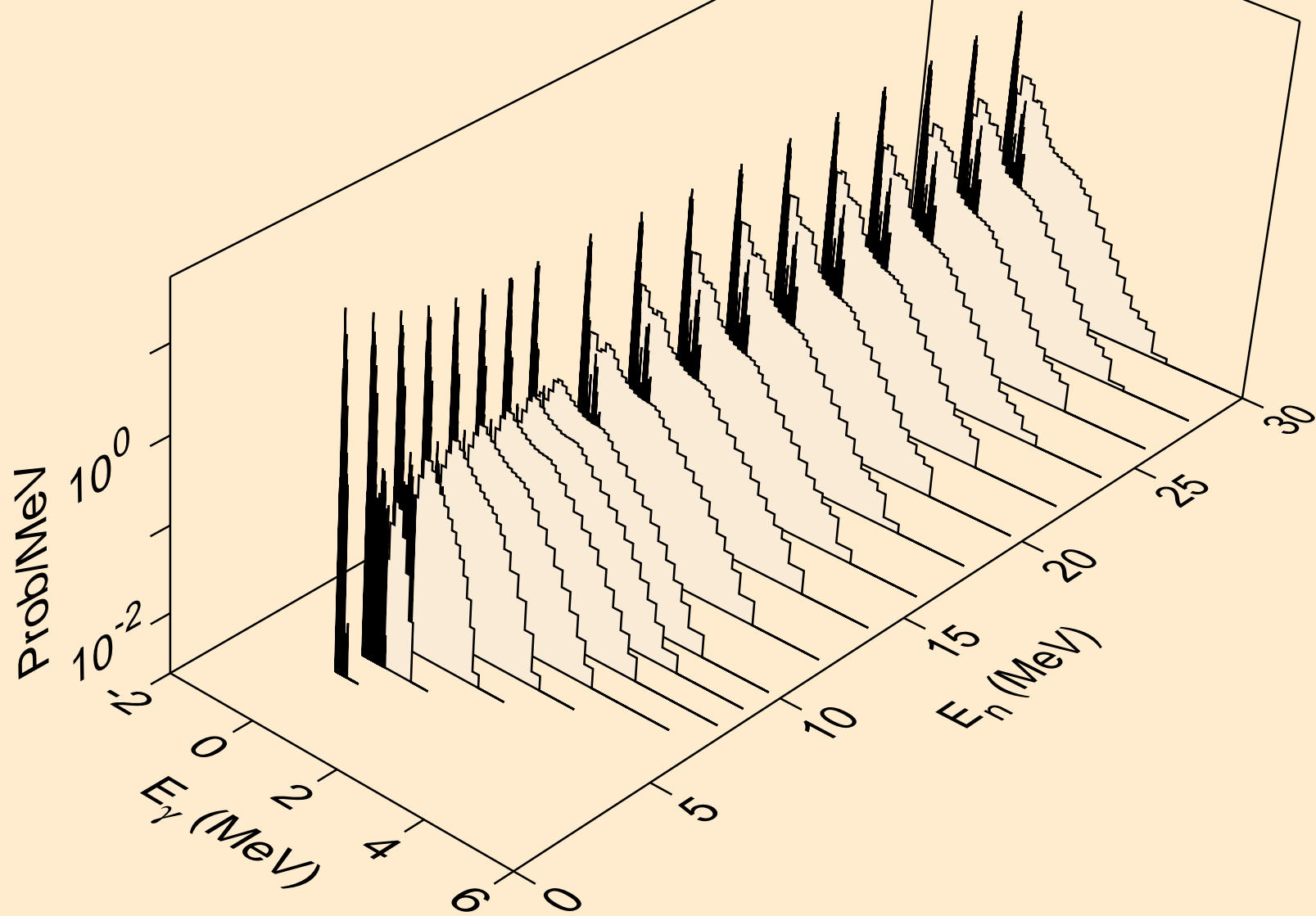
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



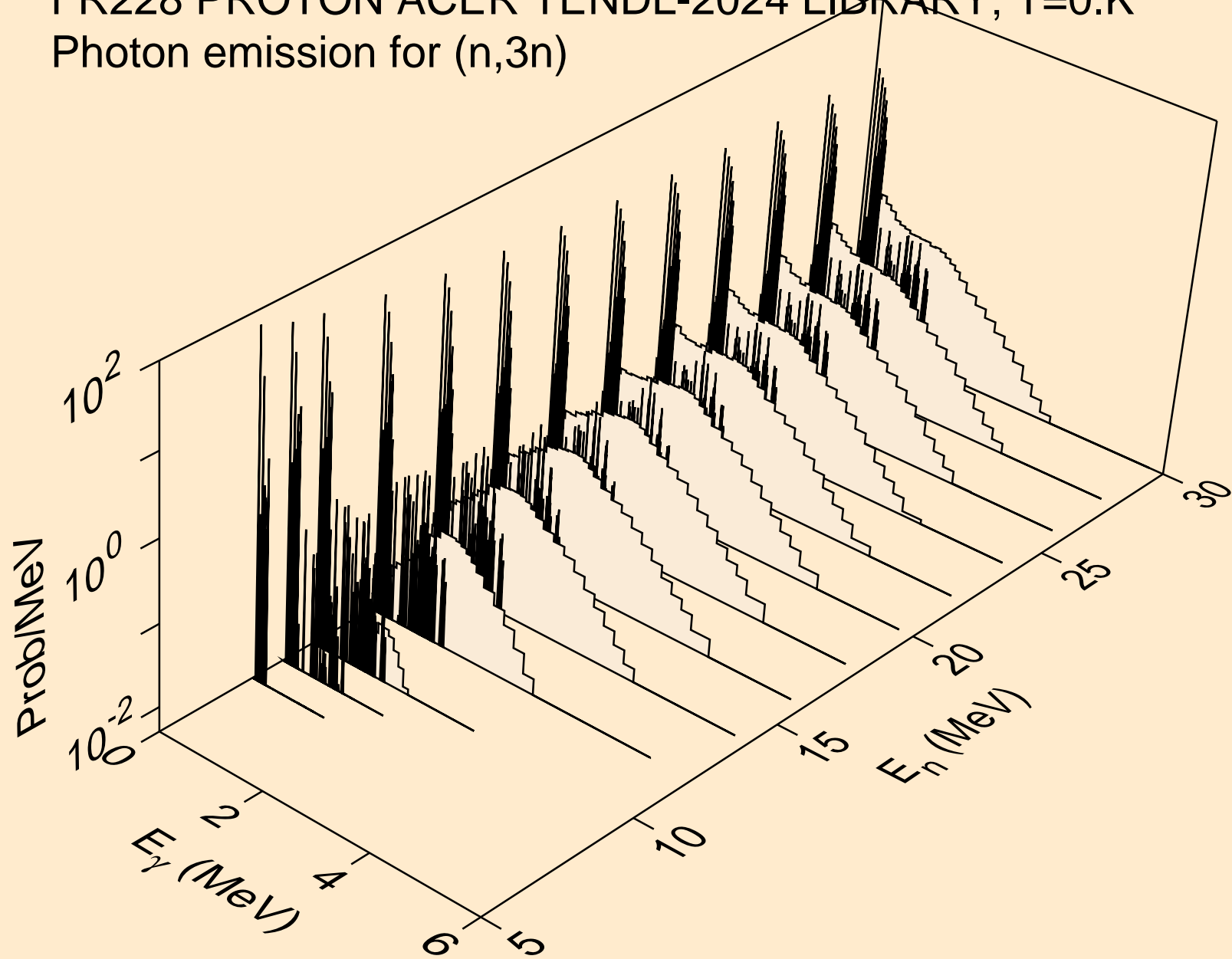
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



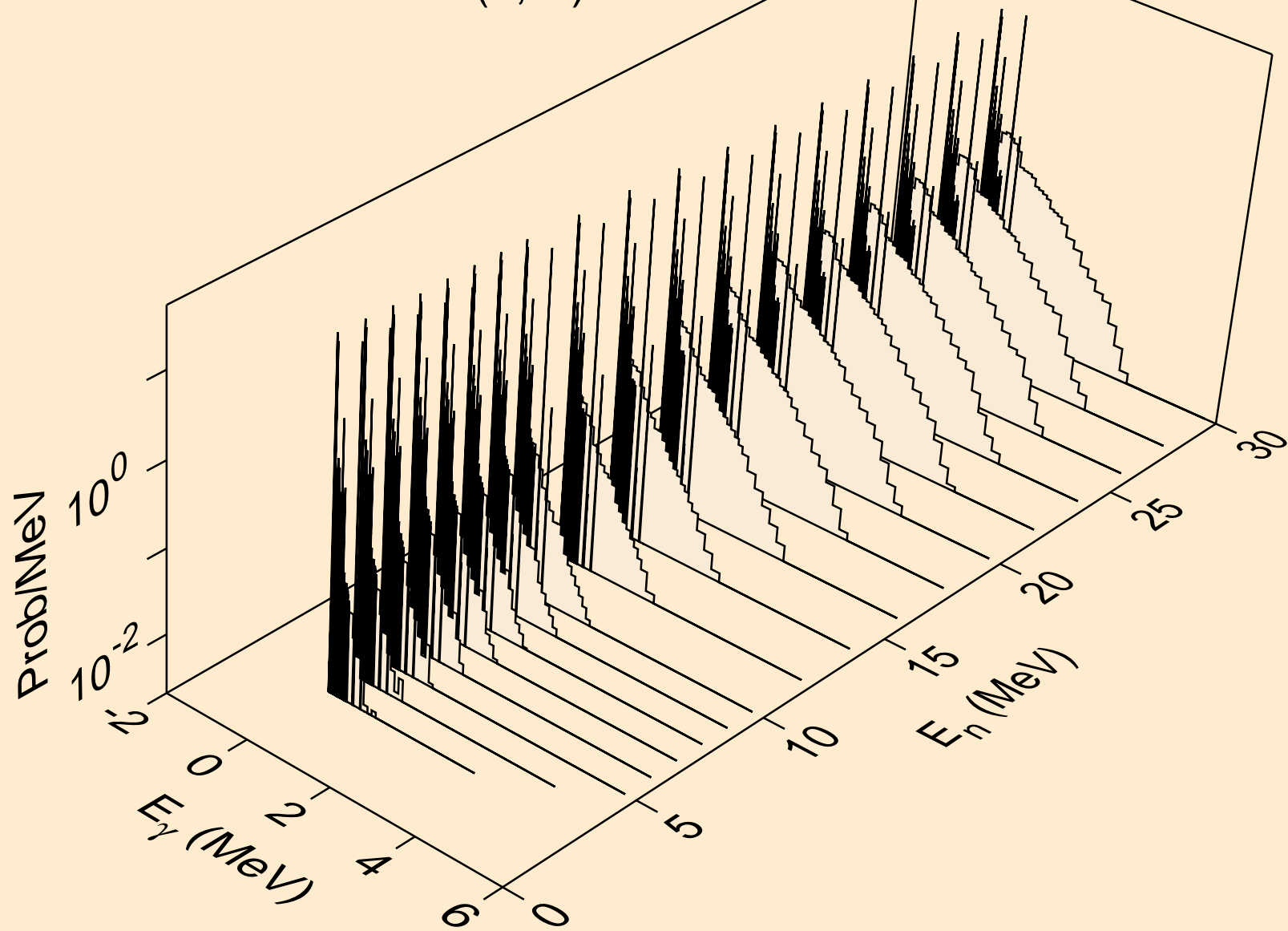
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



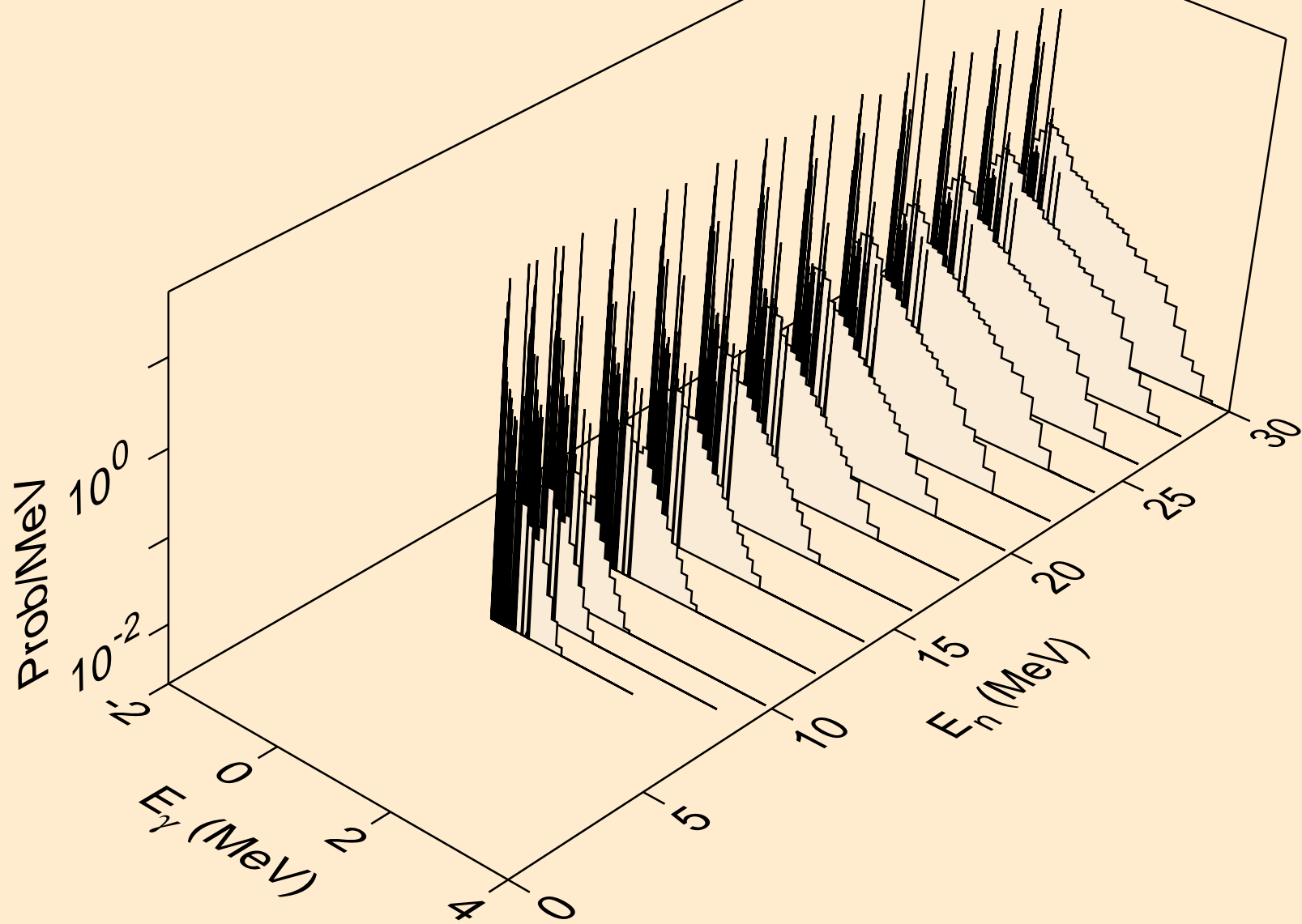
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



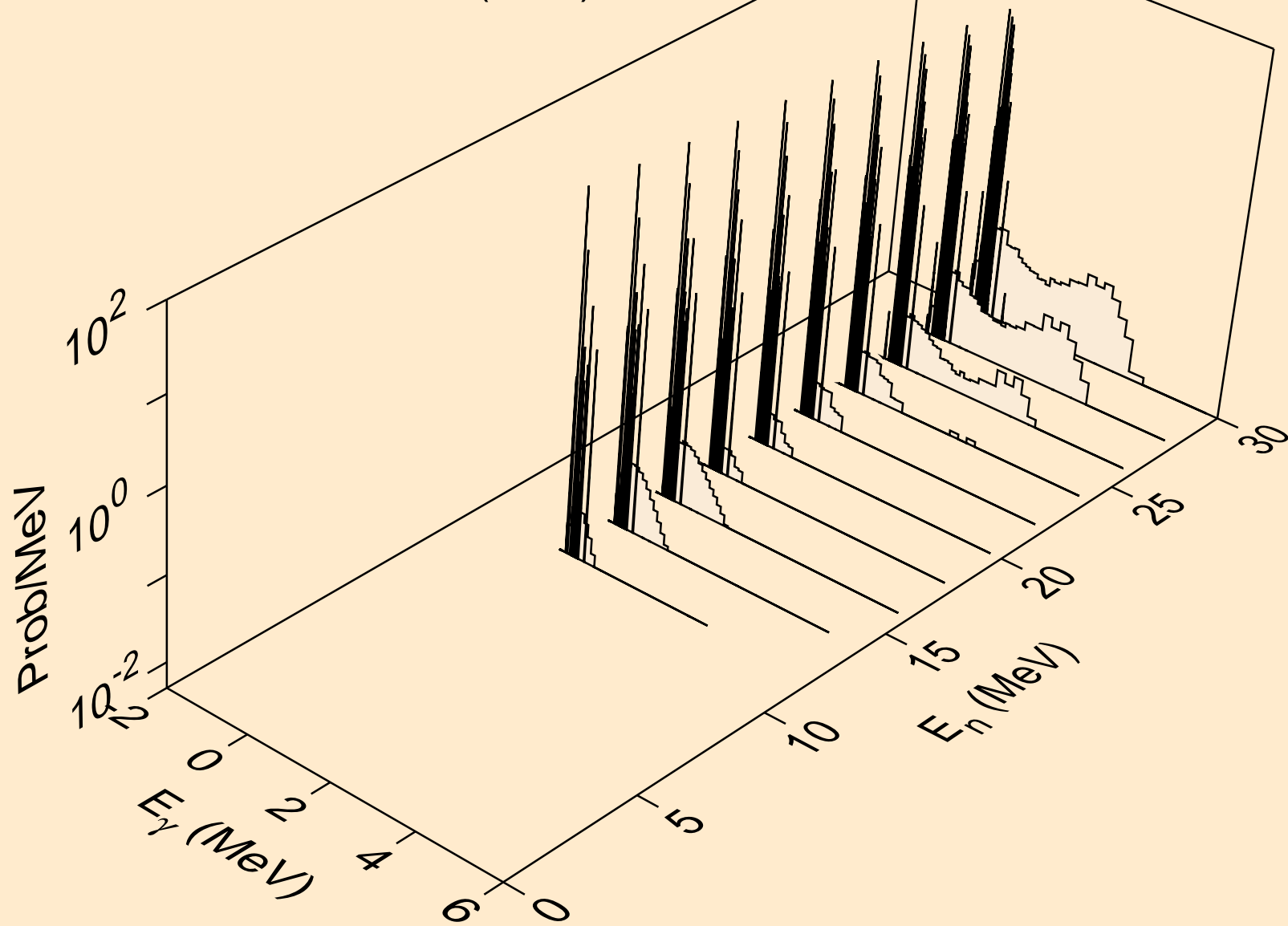
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



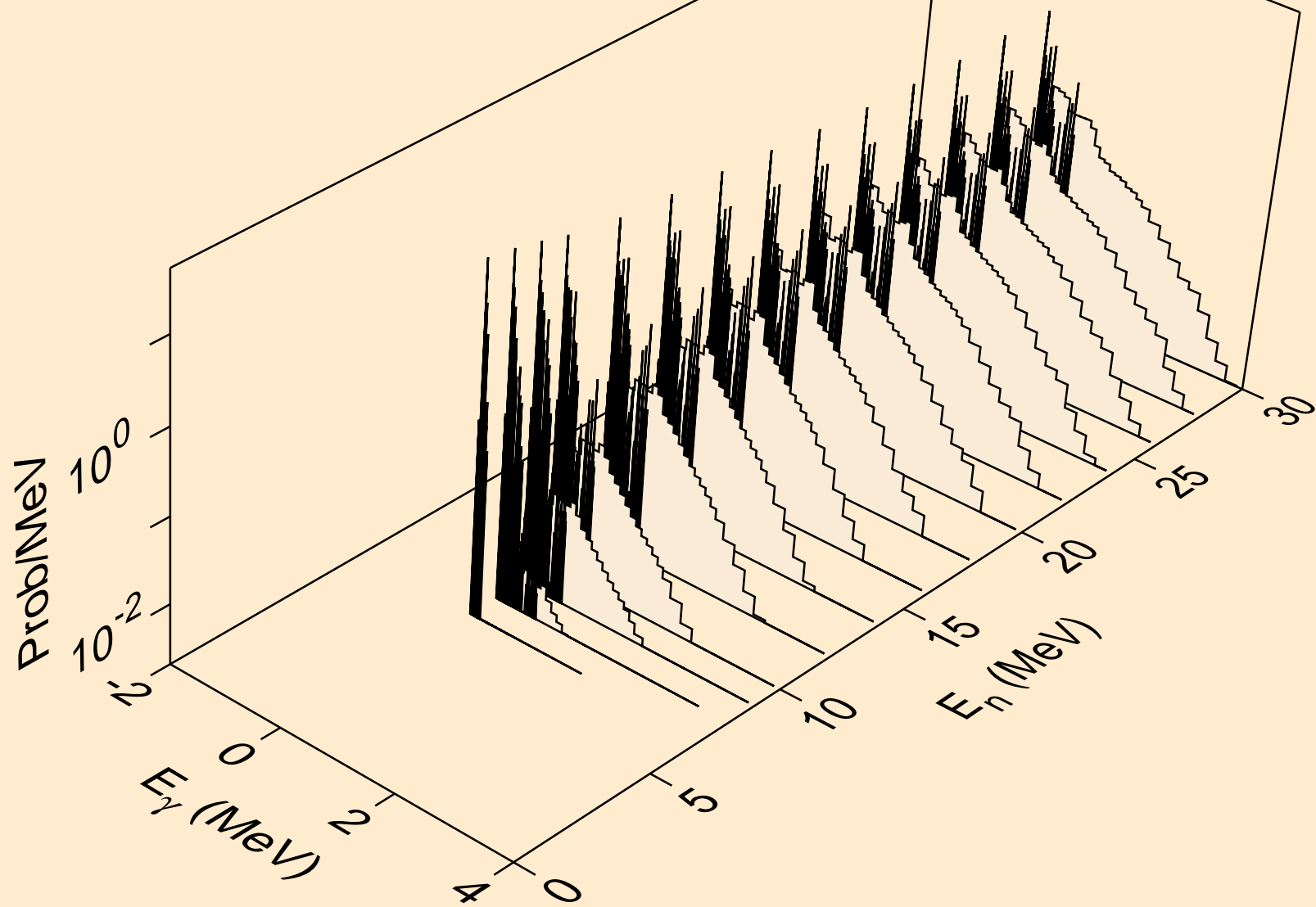
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



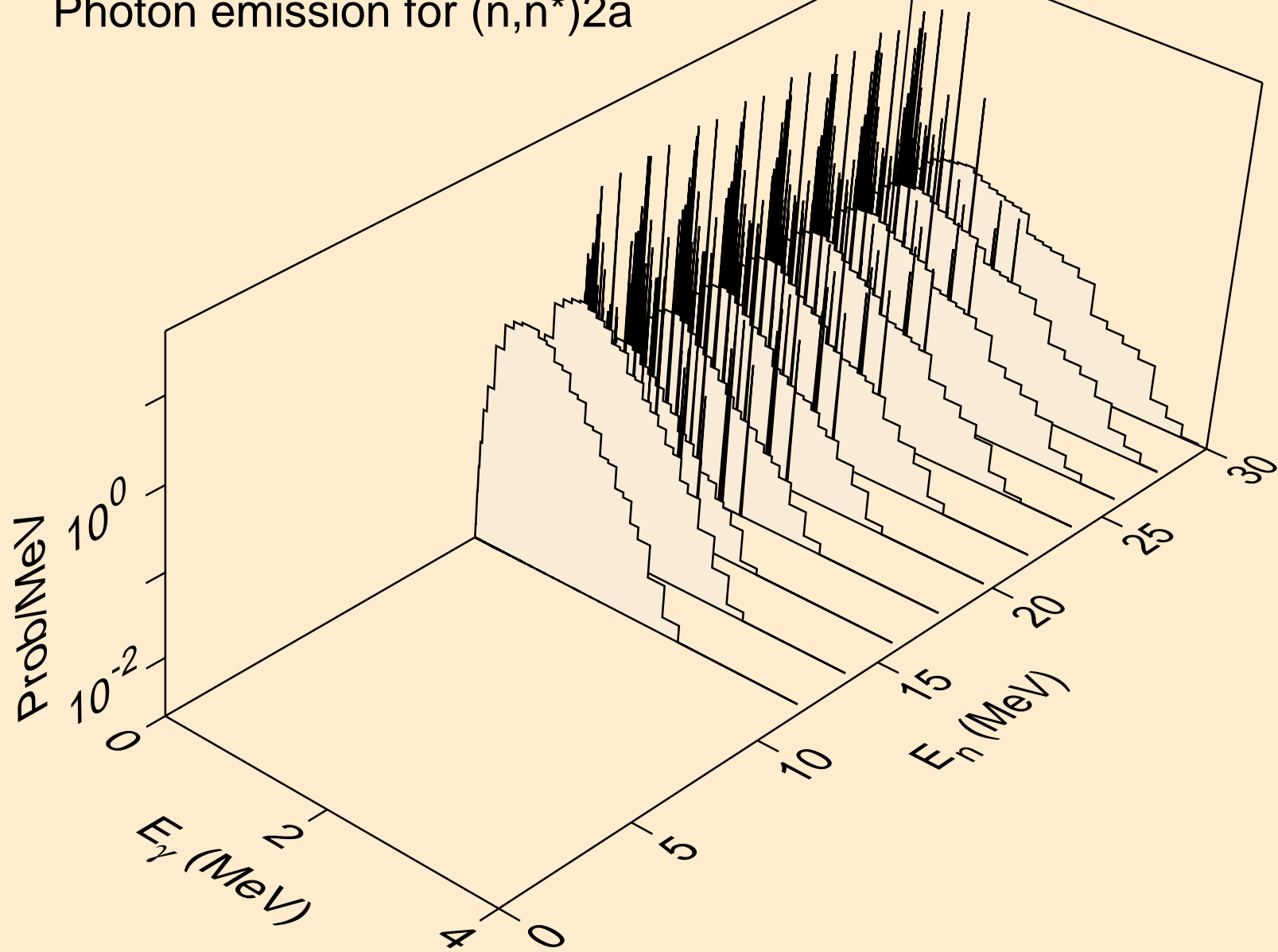
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



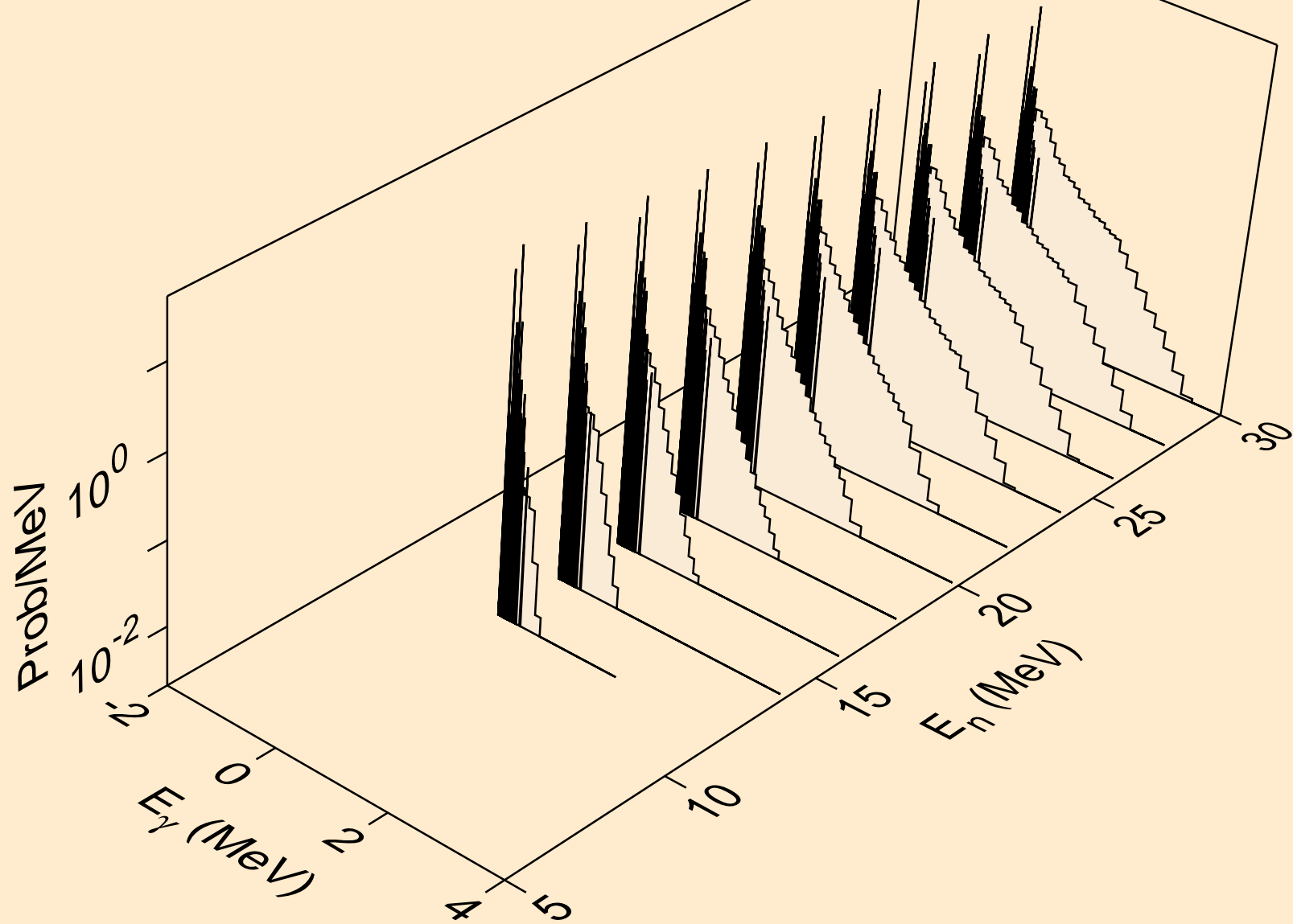
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



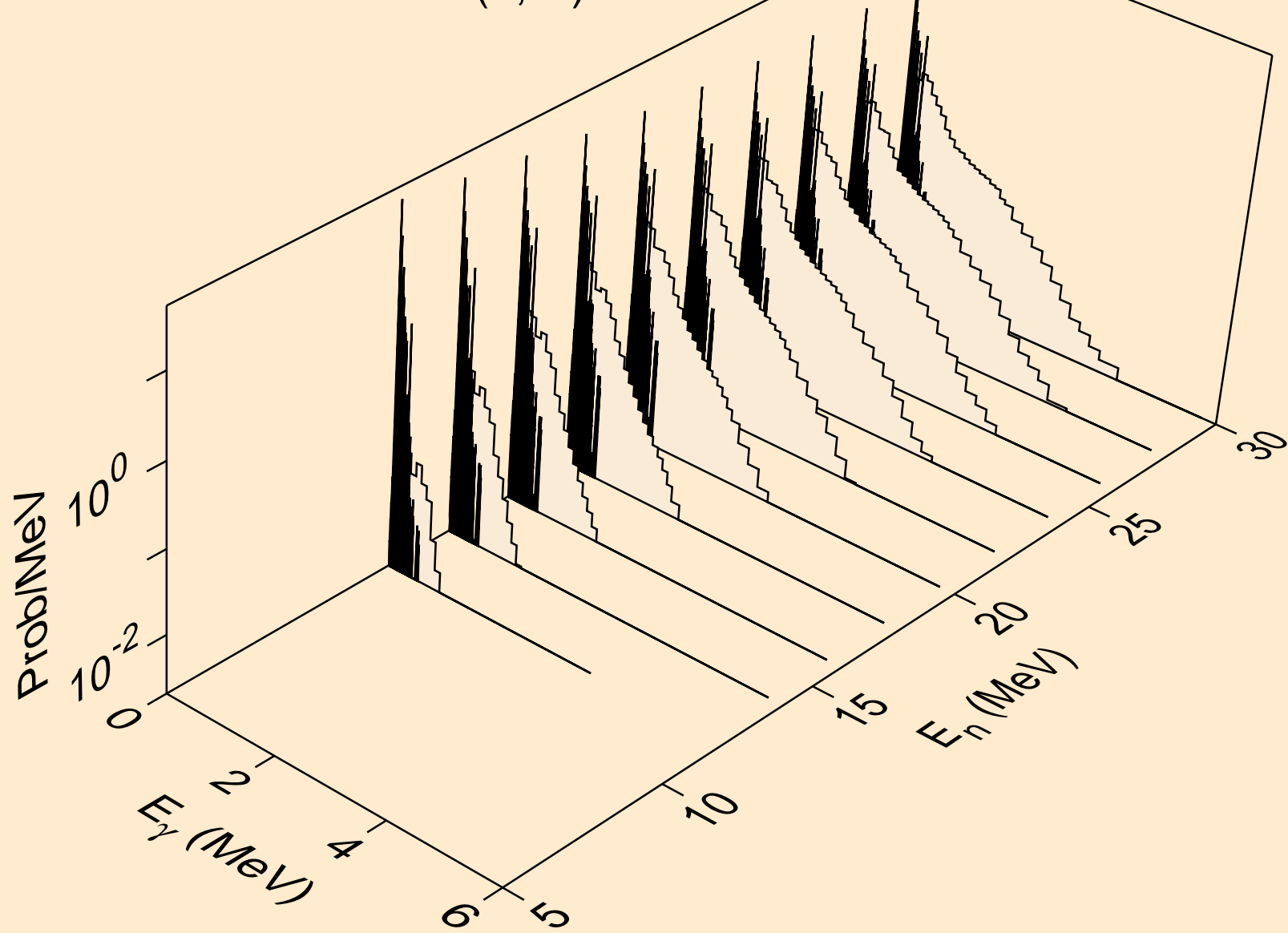
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



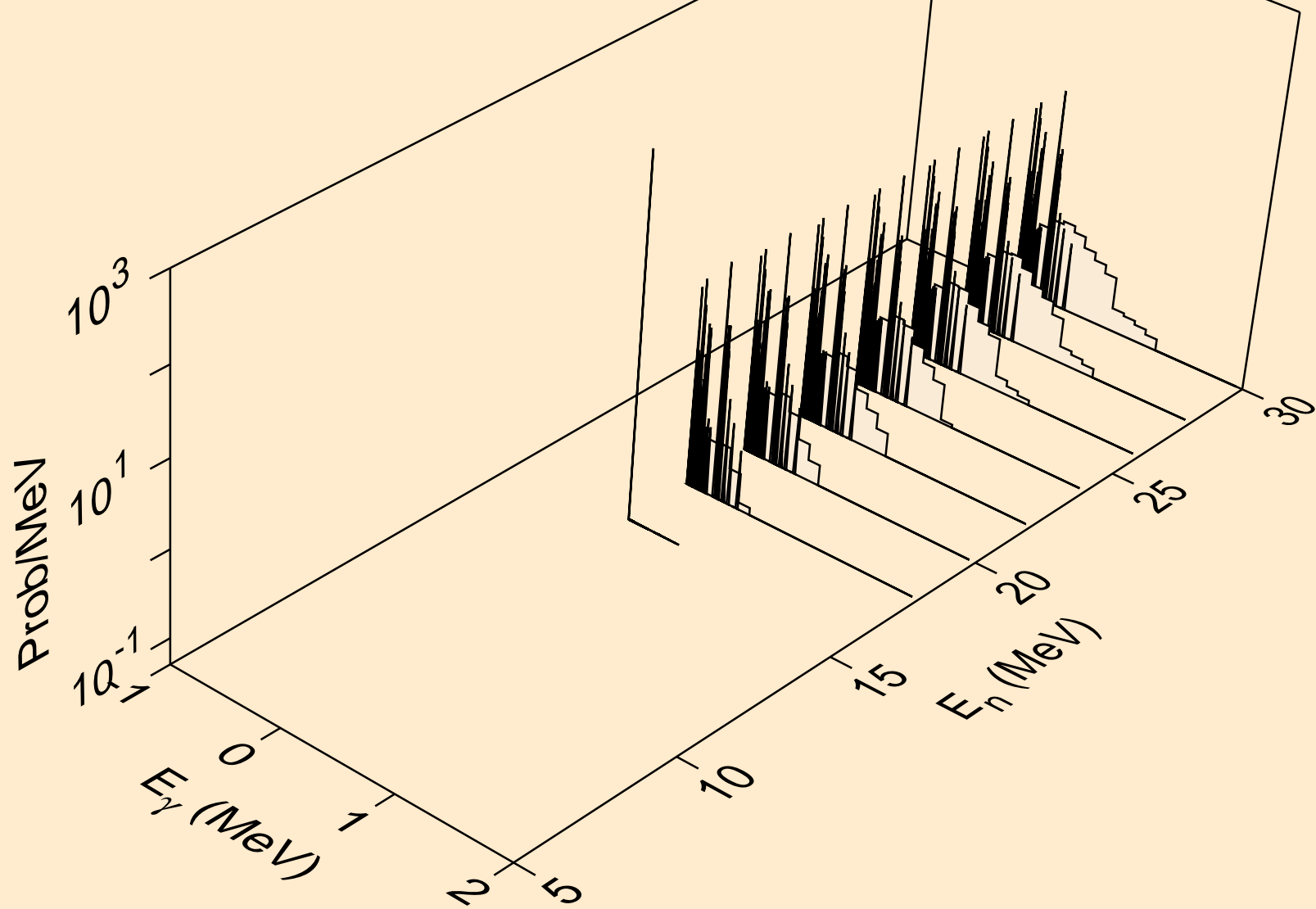
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



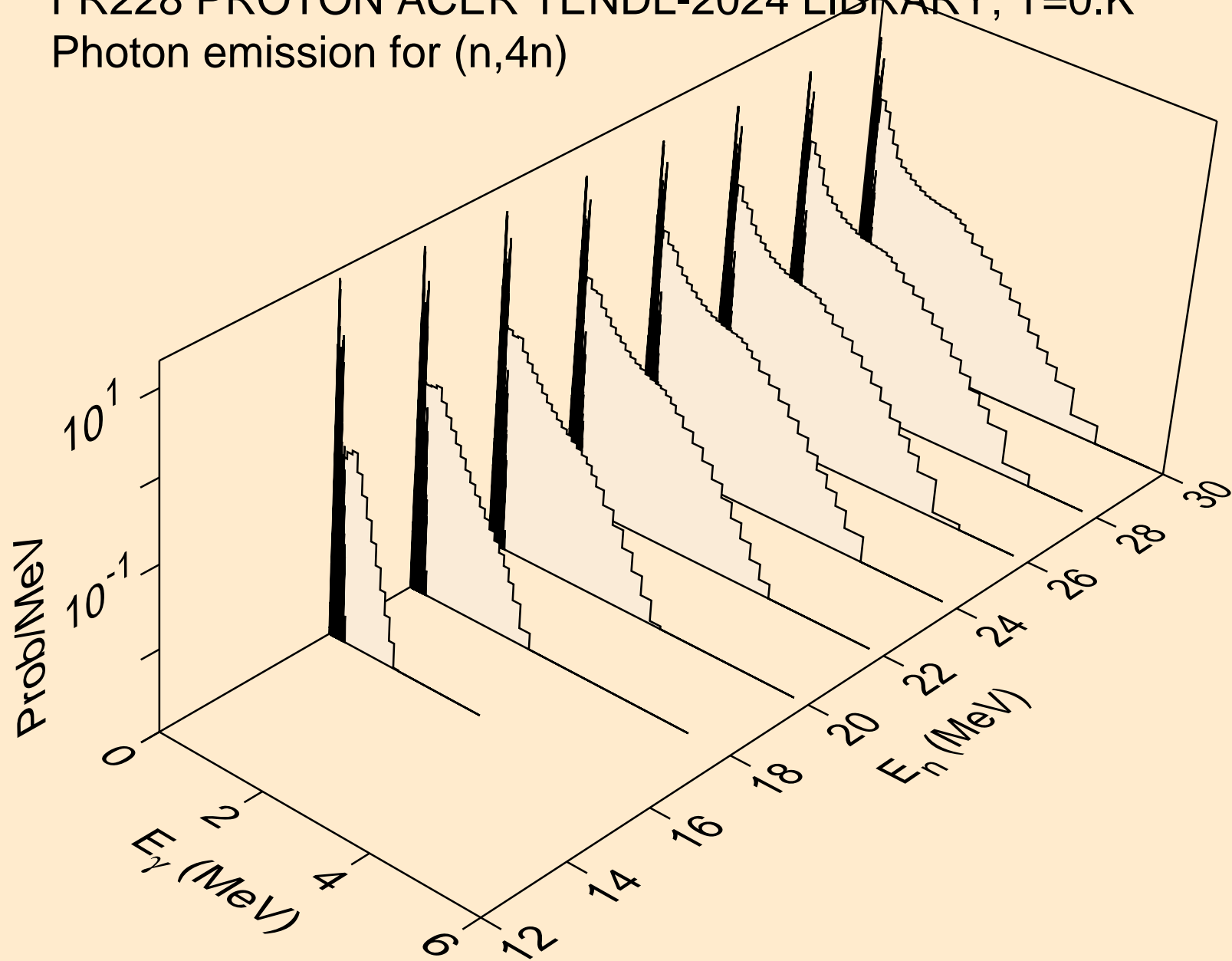
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



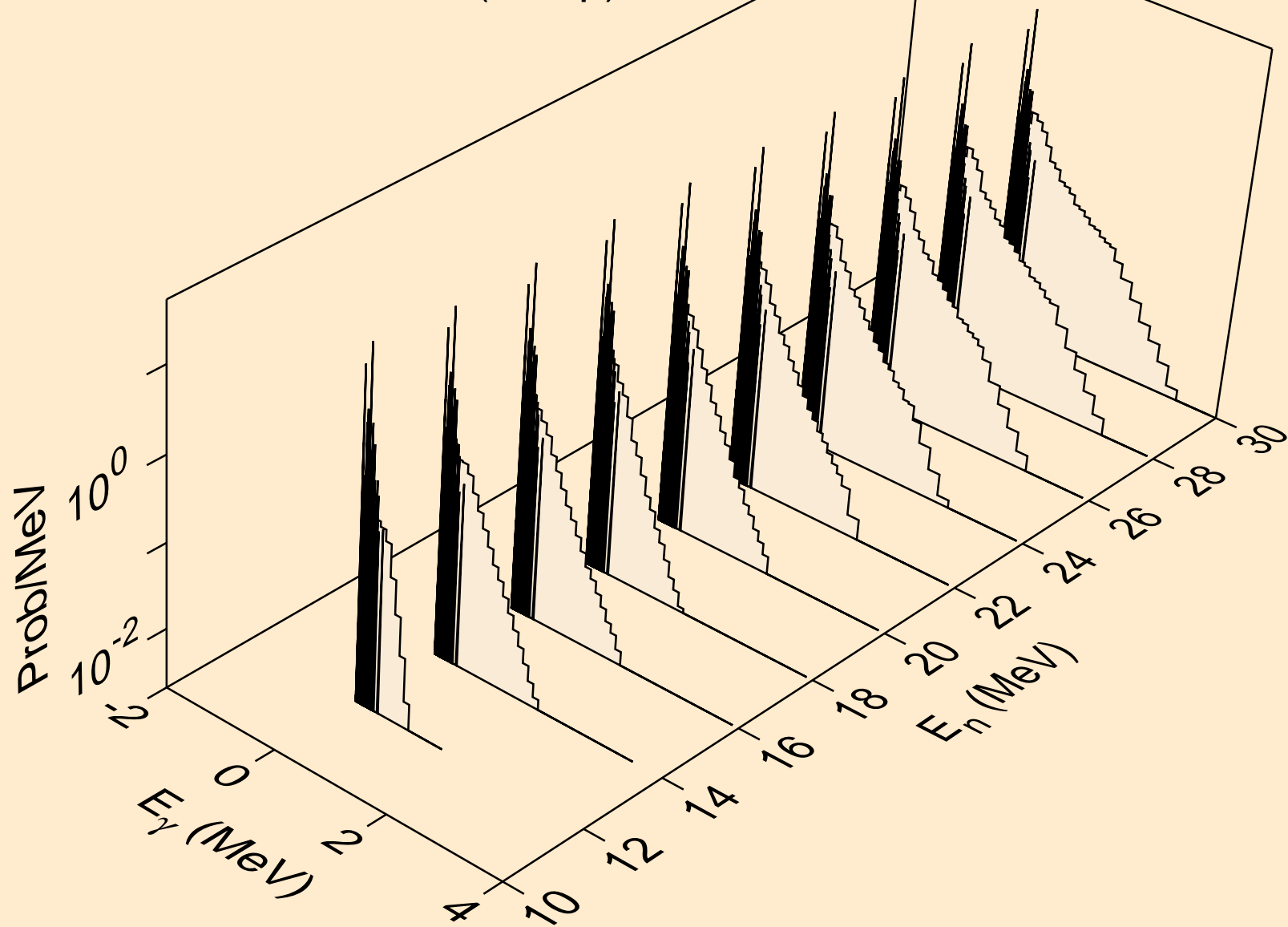
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



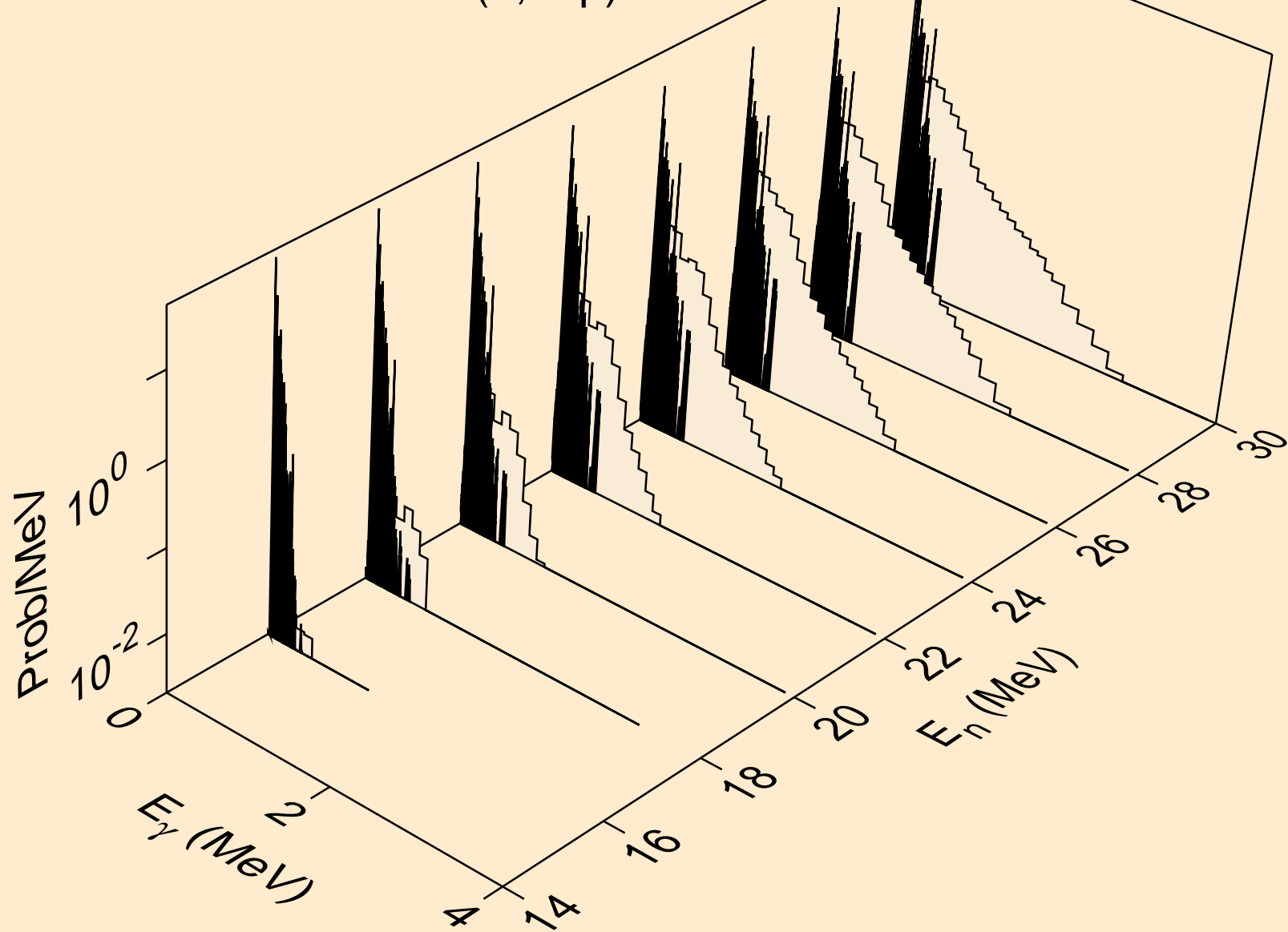
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



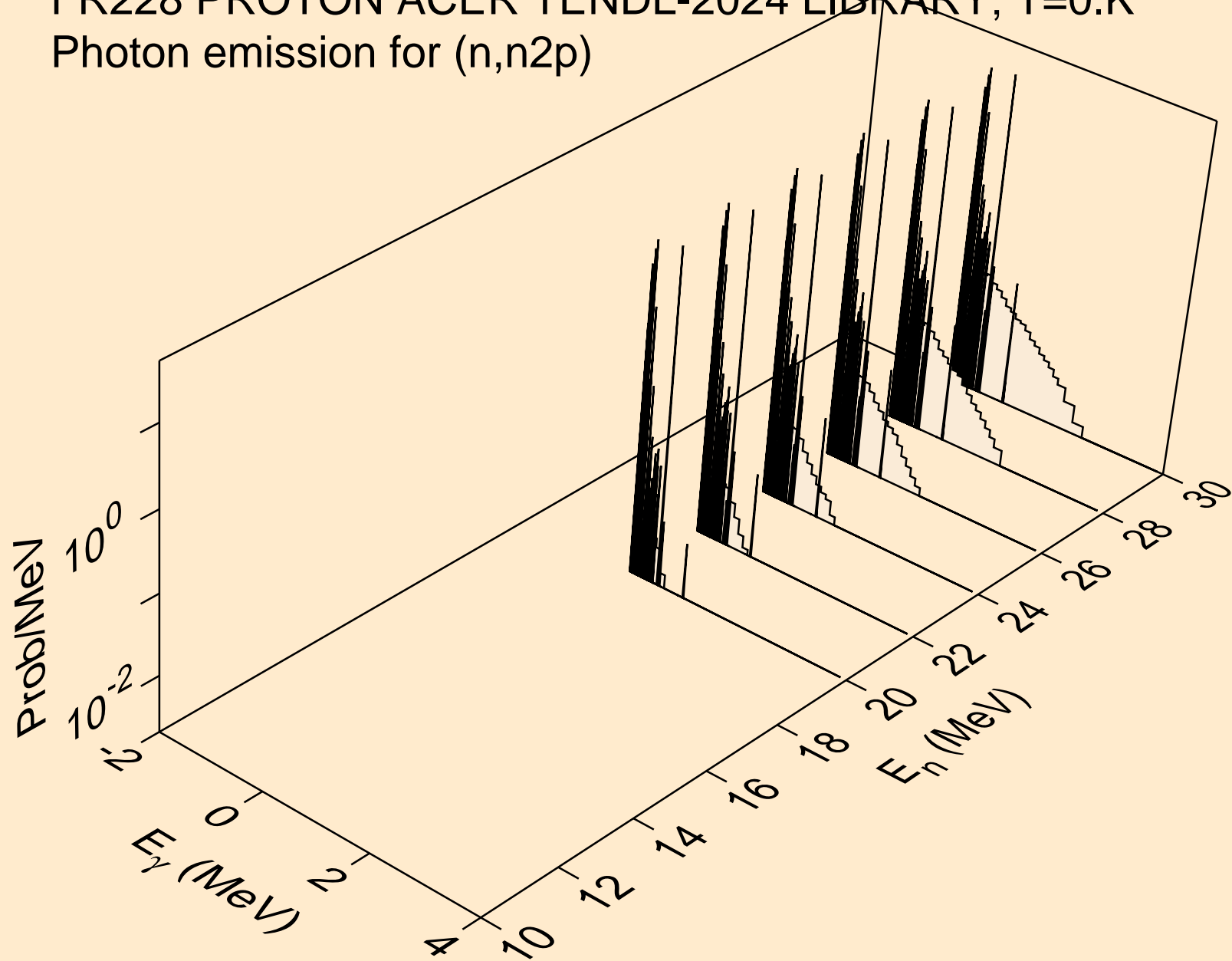
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



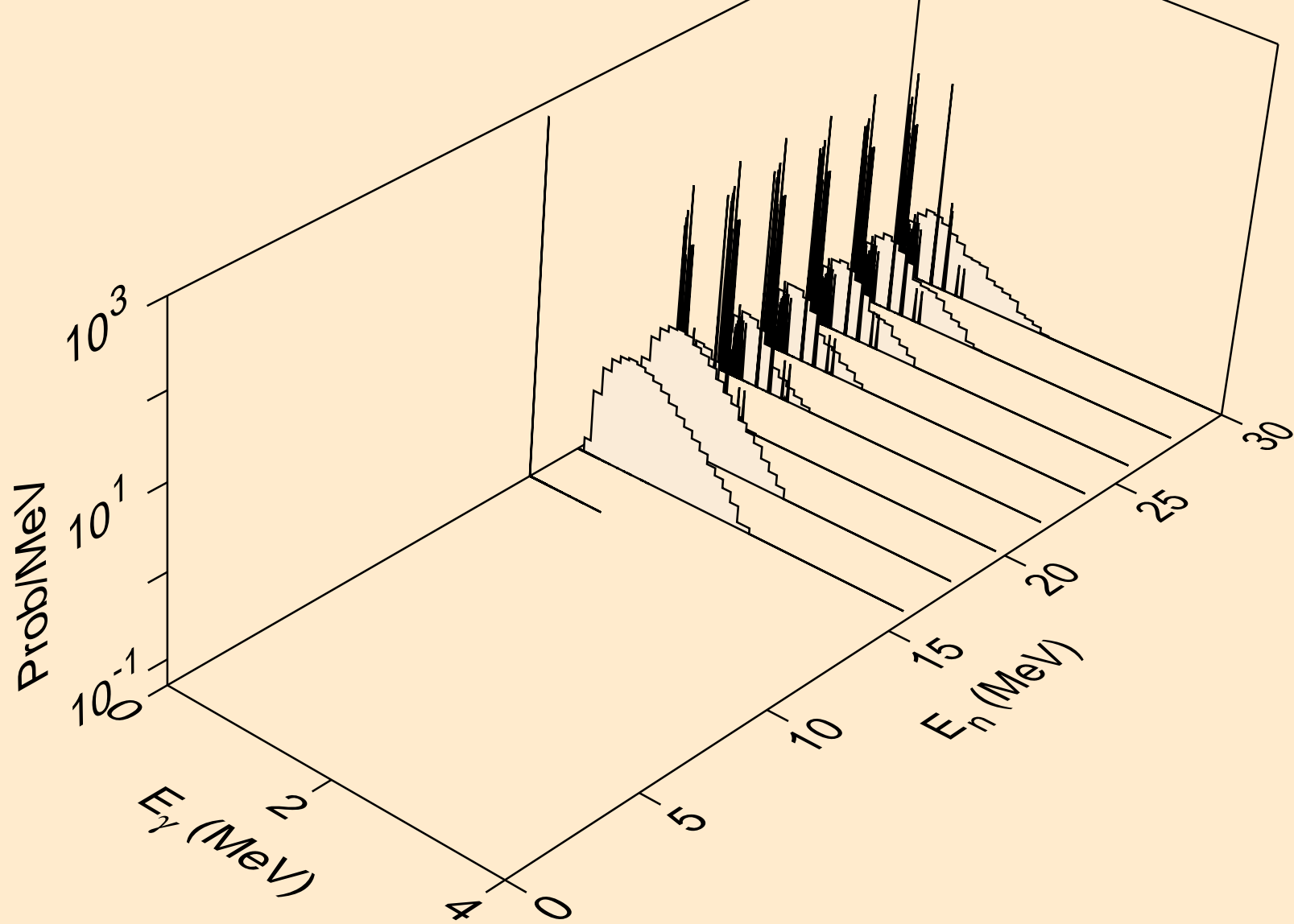
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



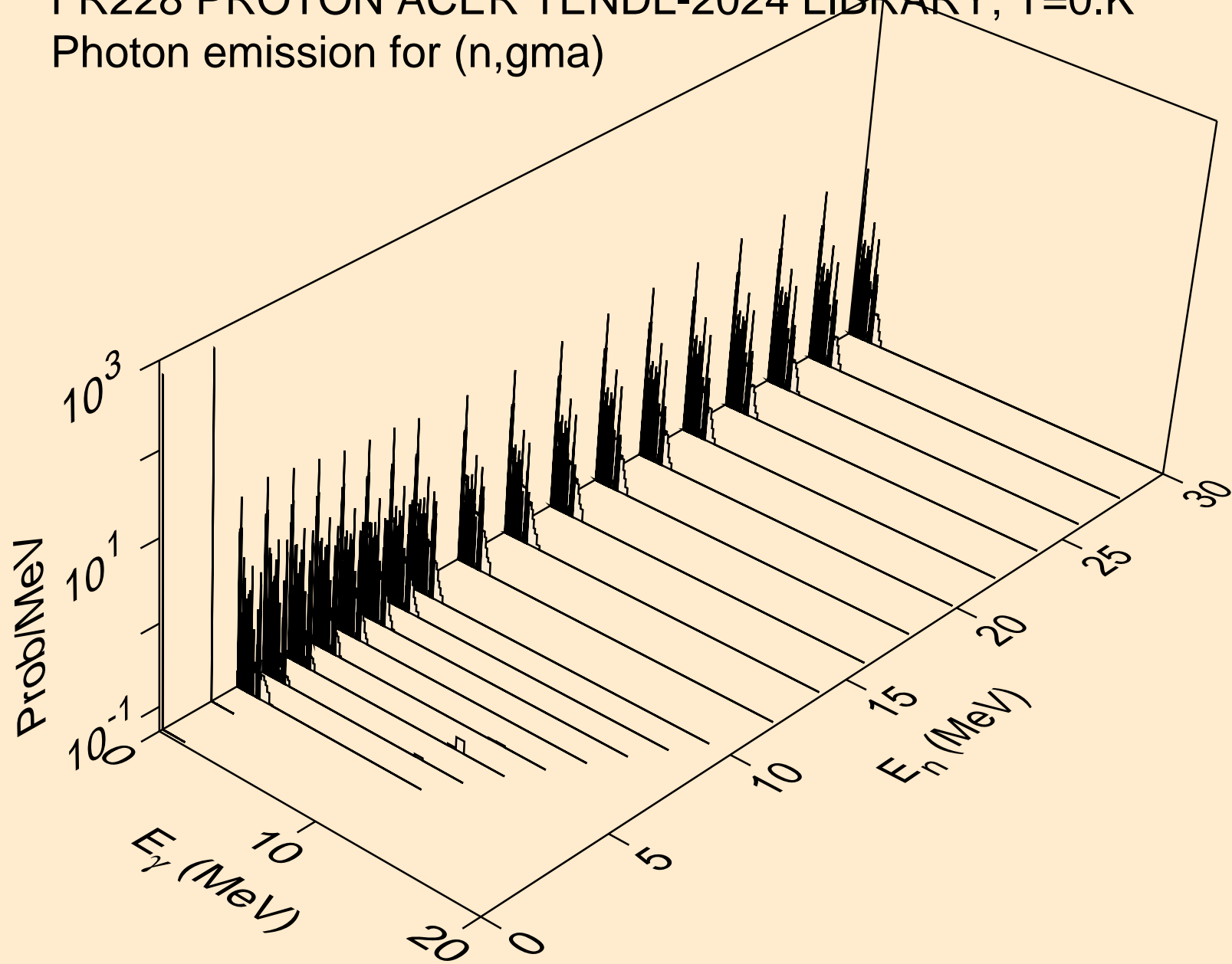
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



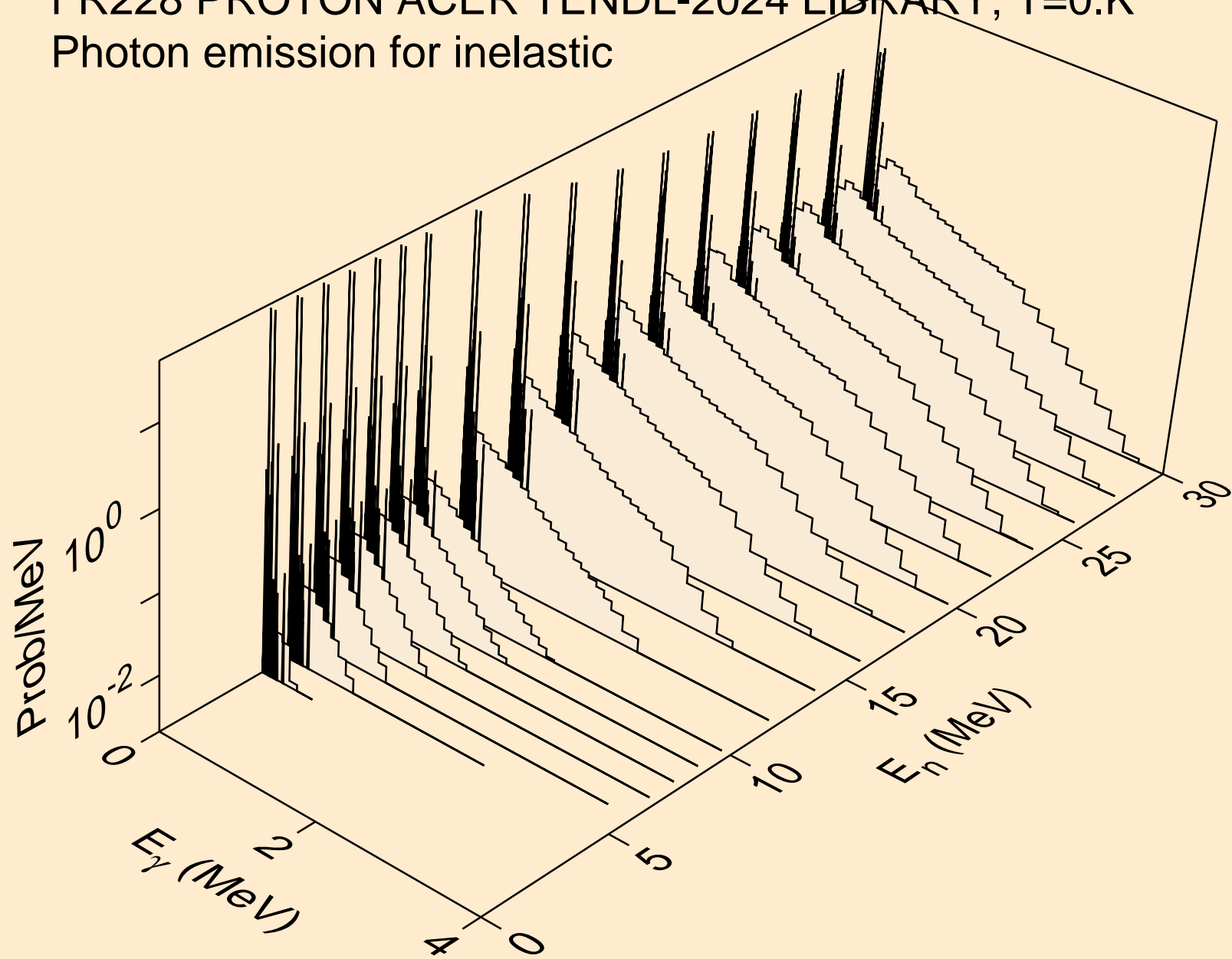
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



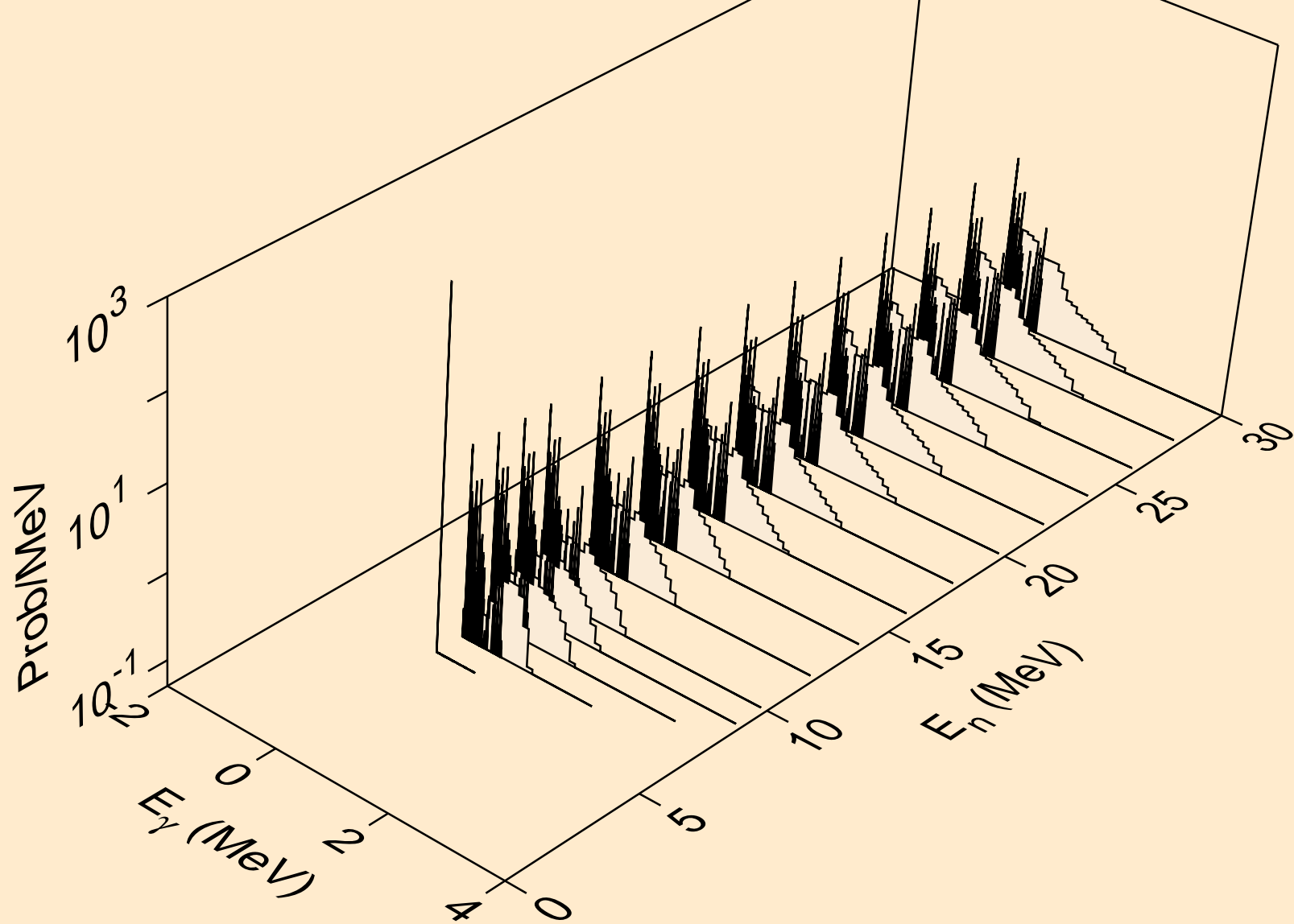
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



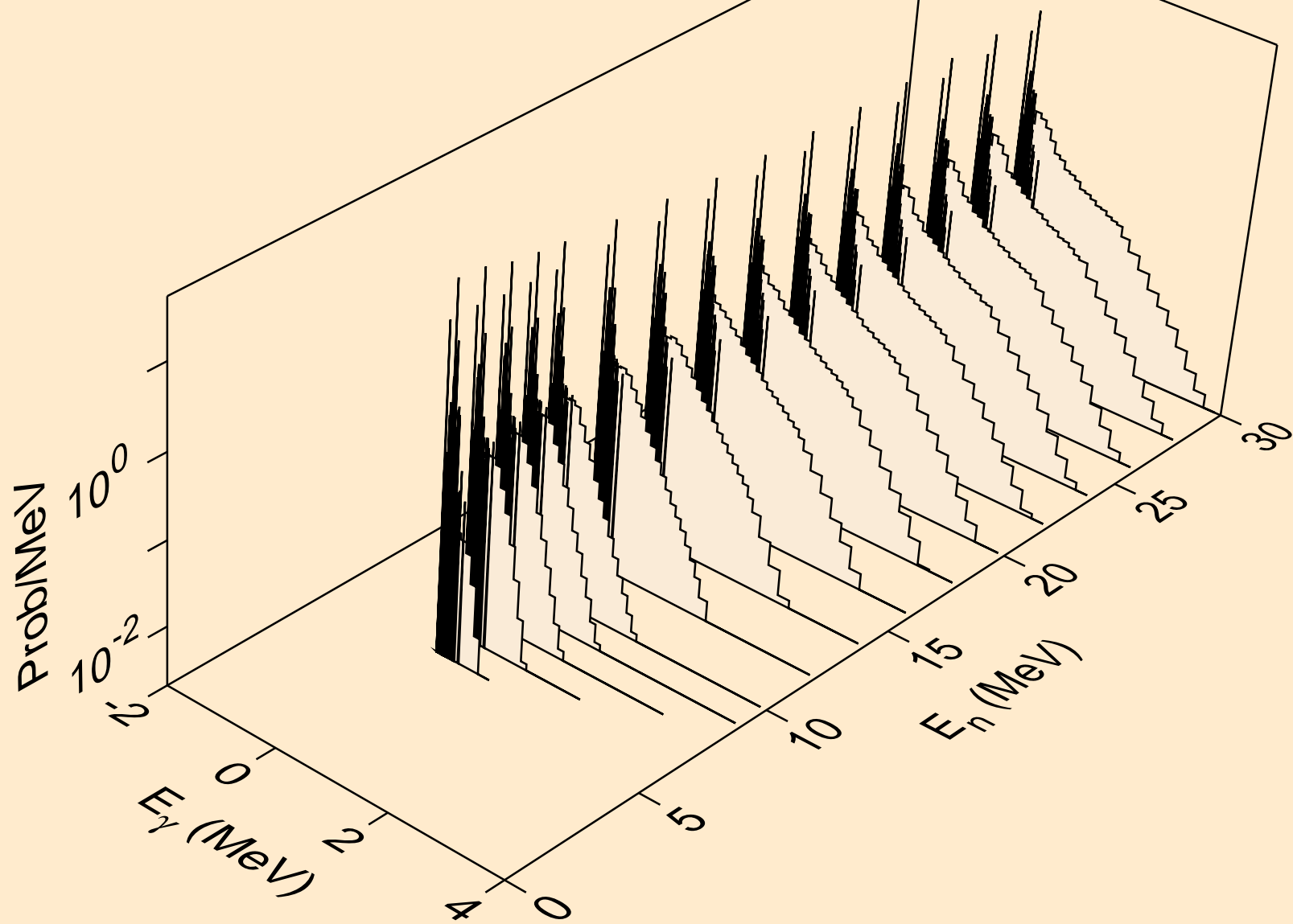
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



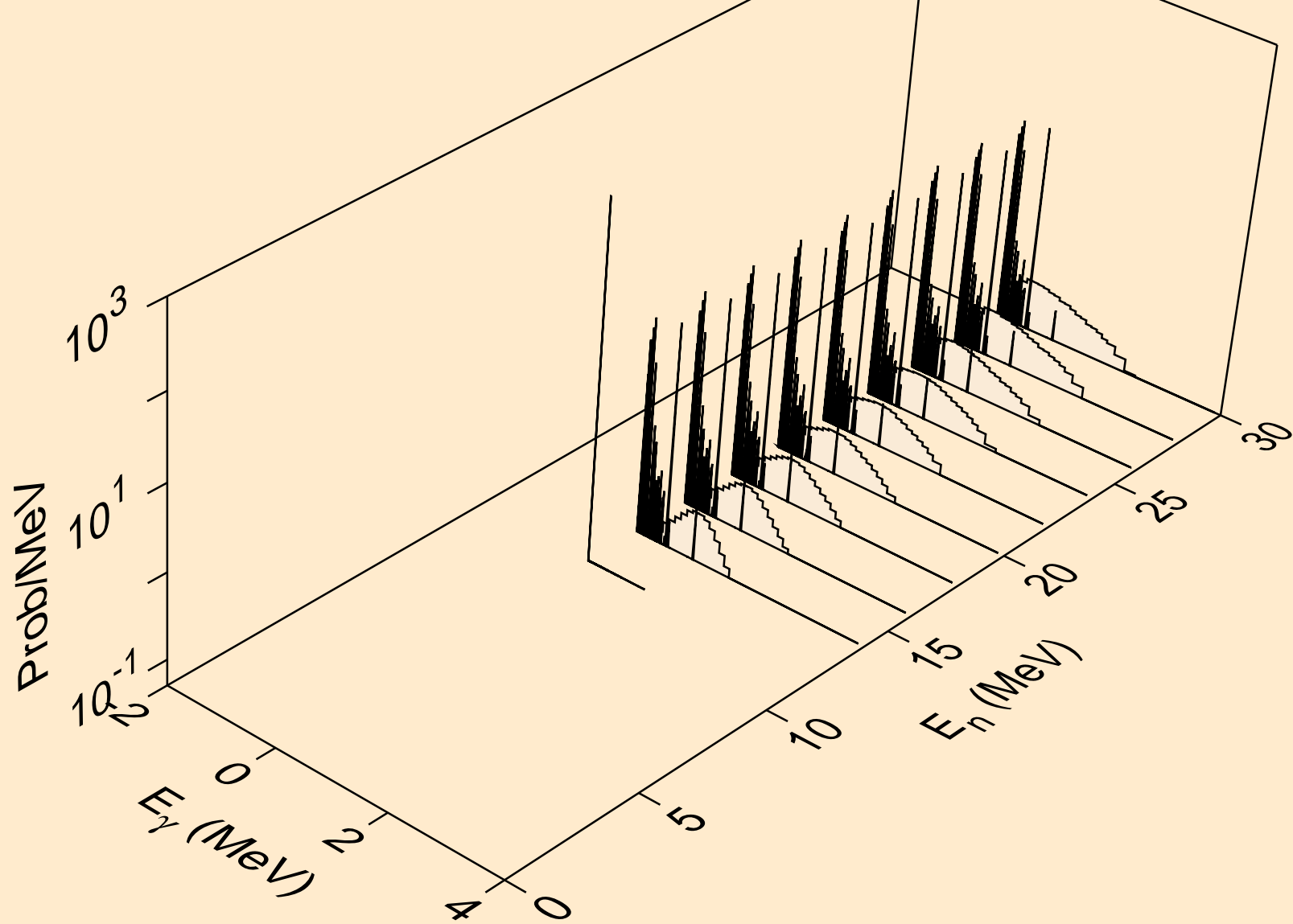
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



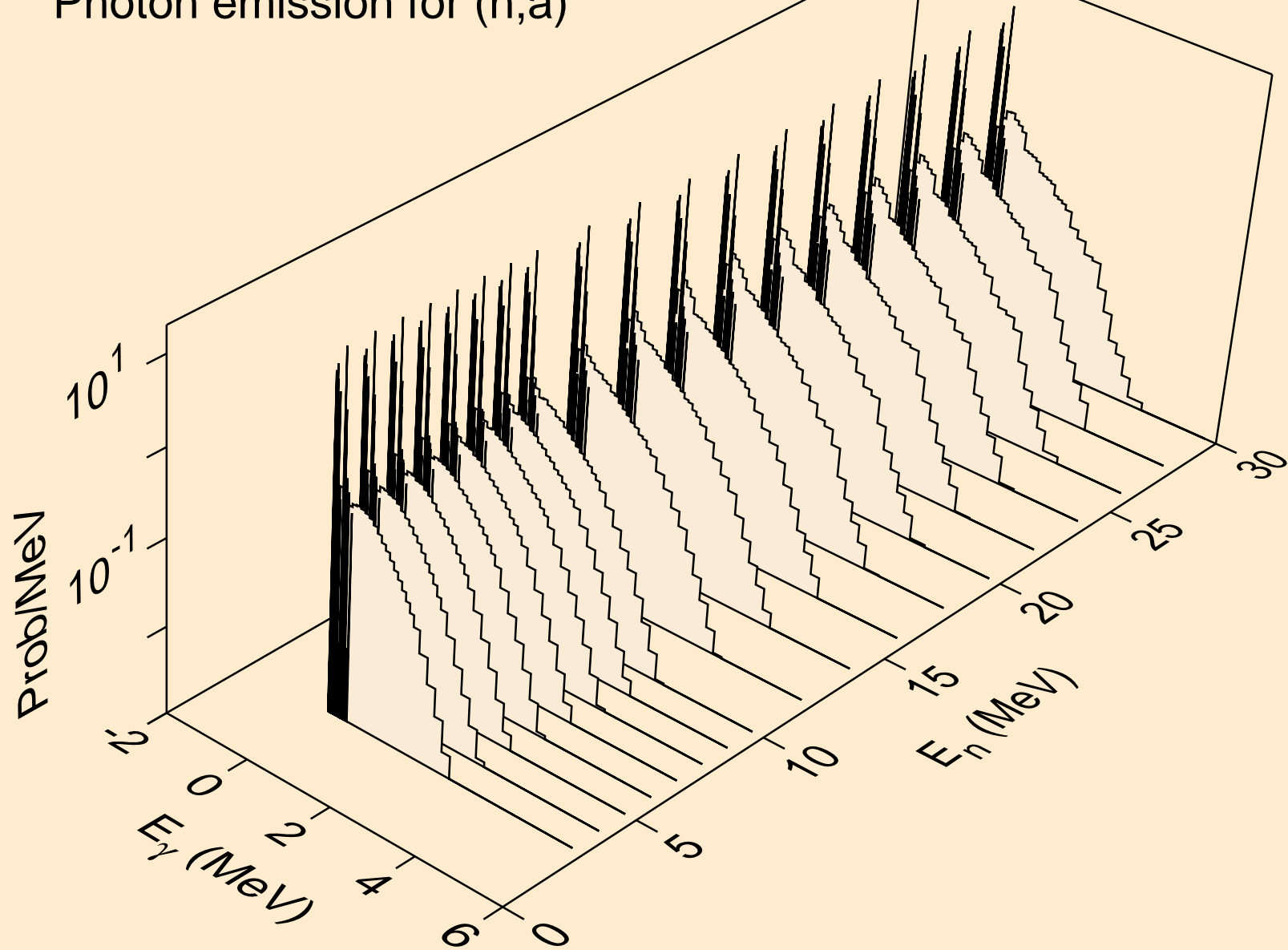
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



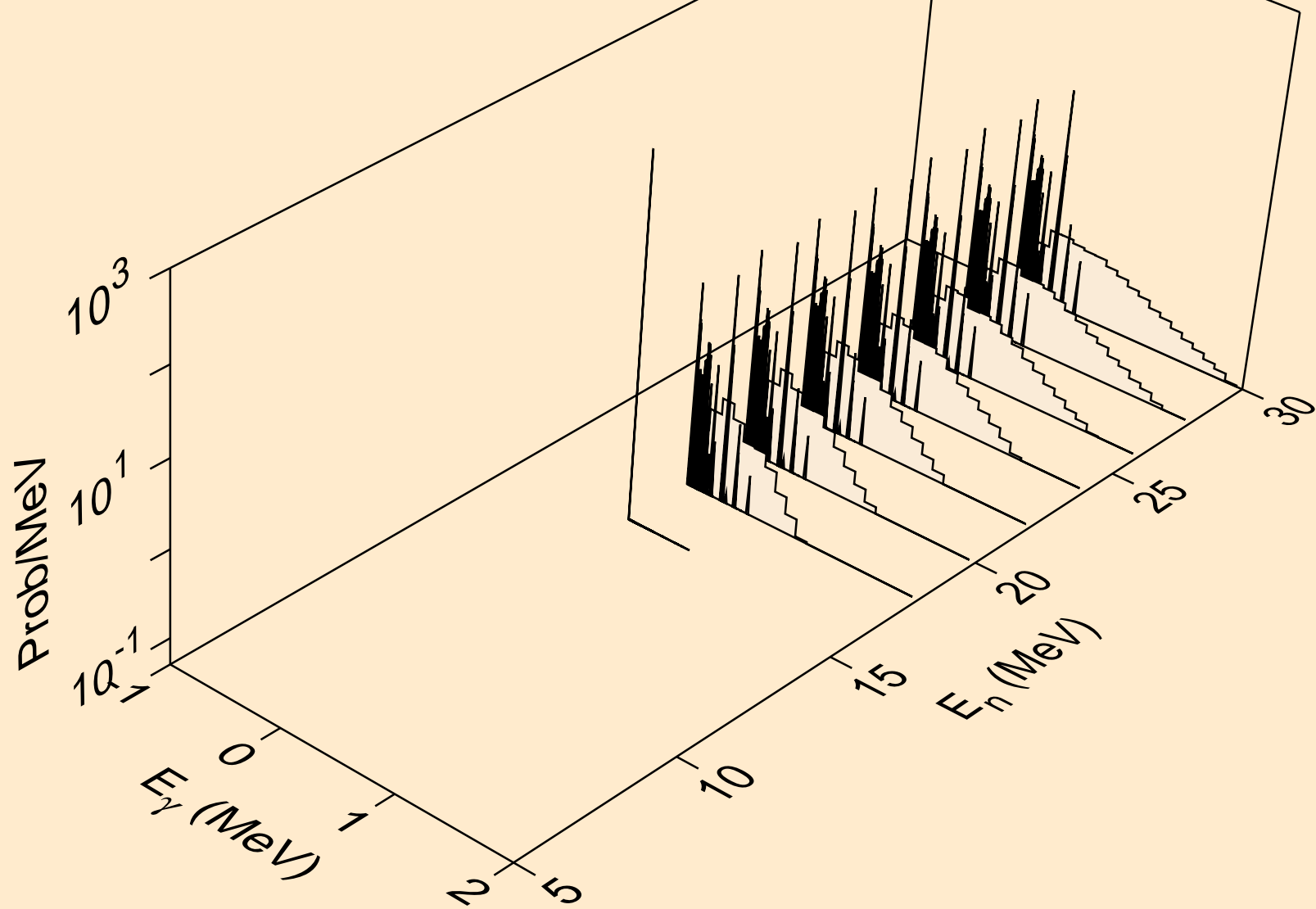
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



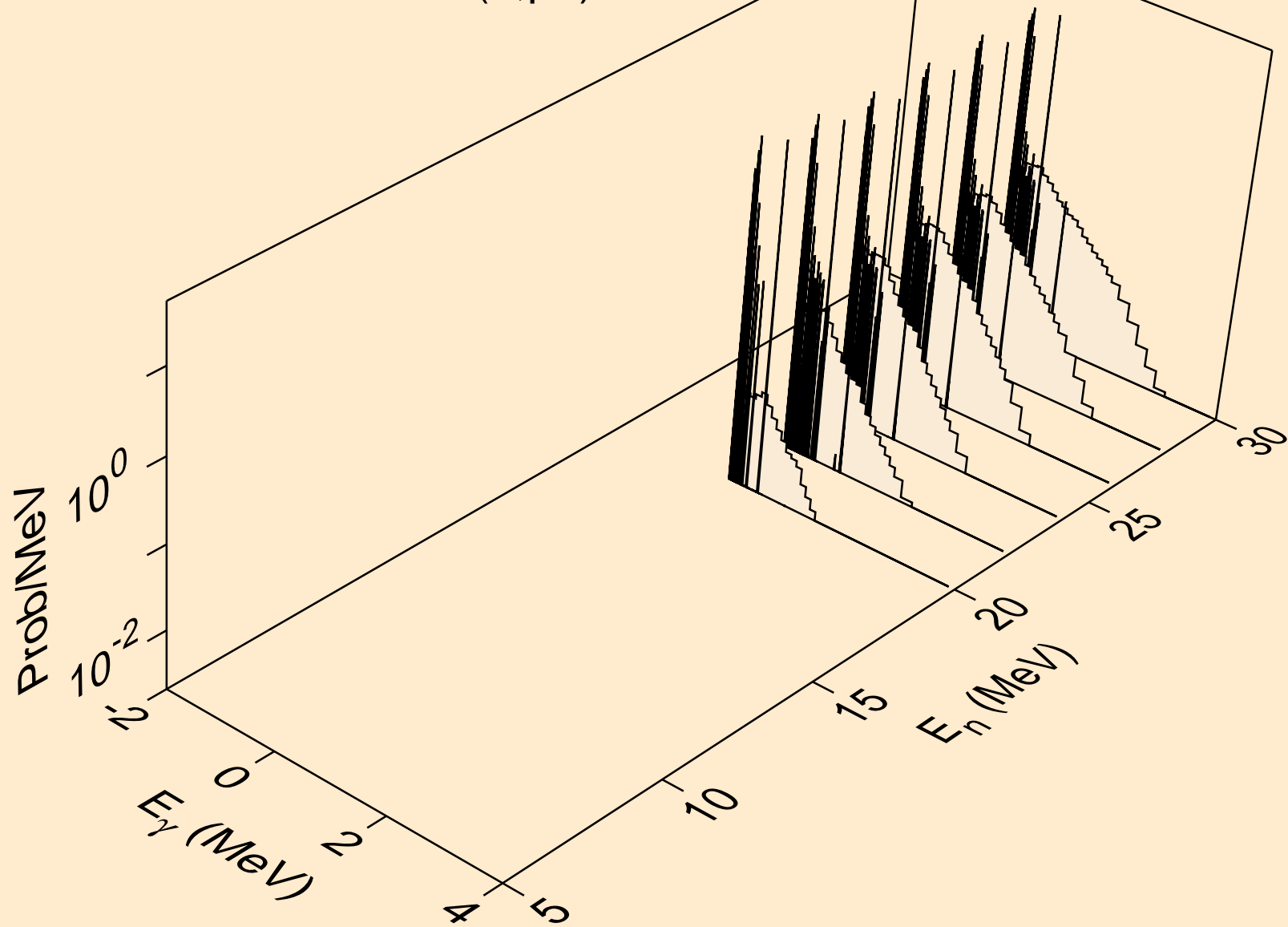
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



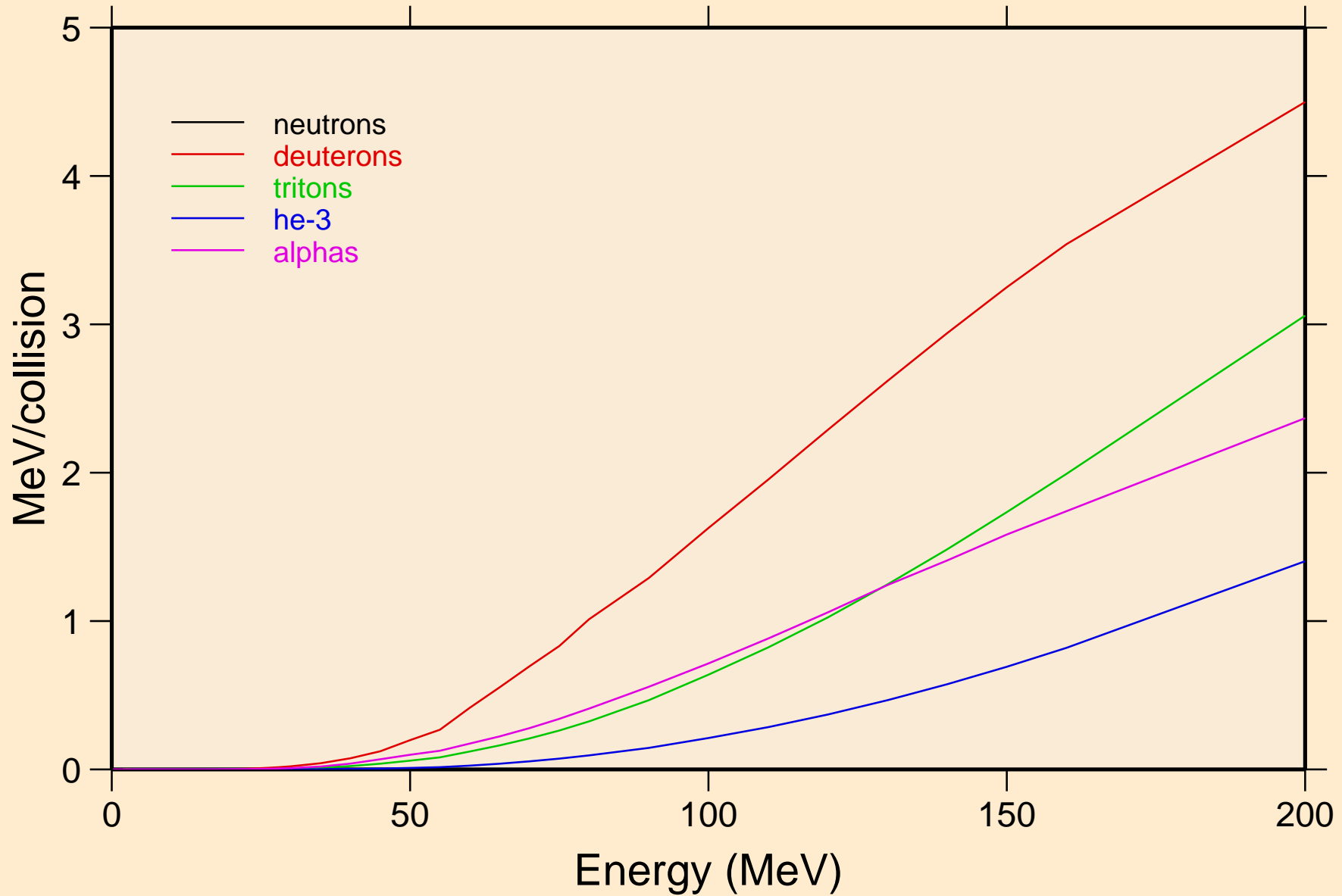
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

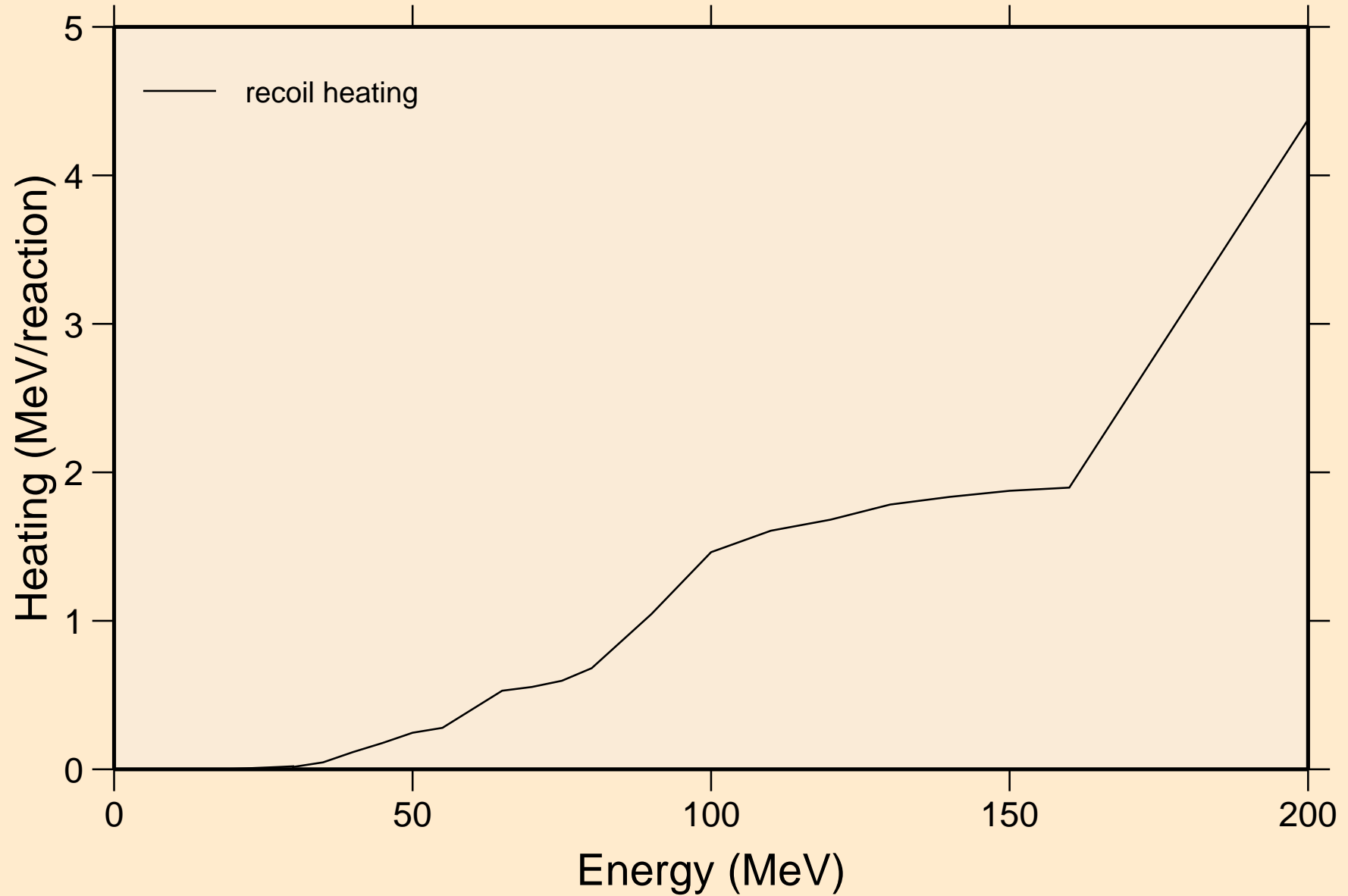


FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

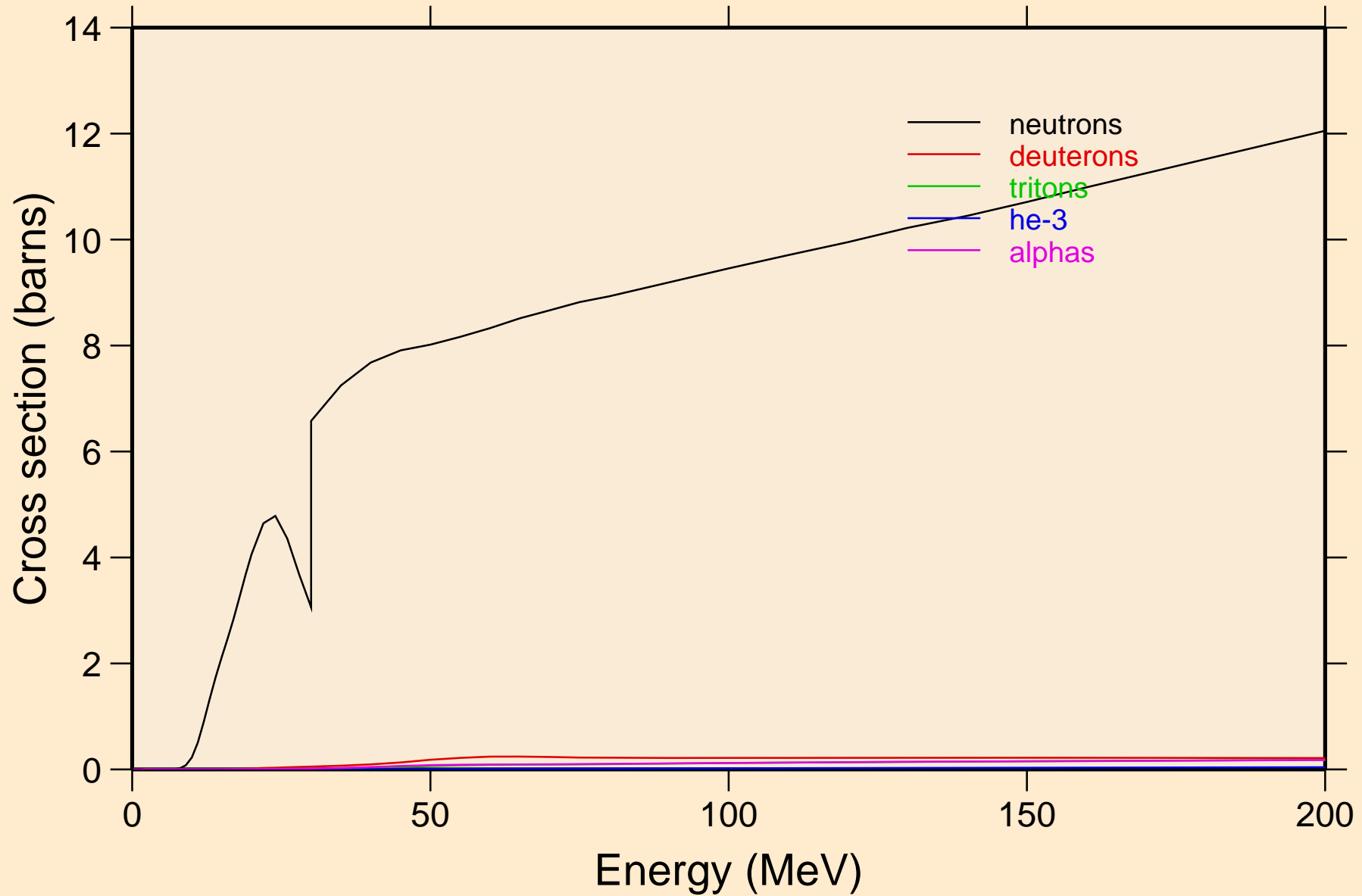


FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K

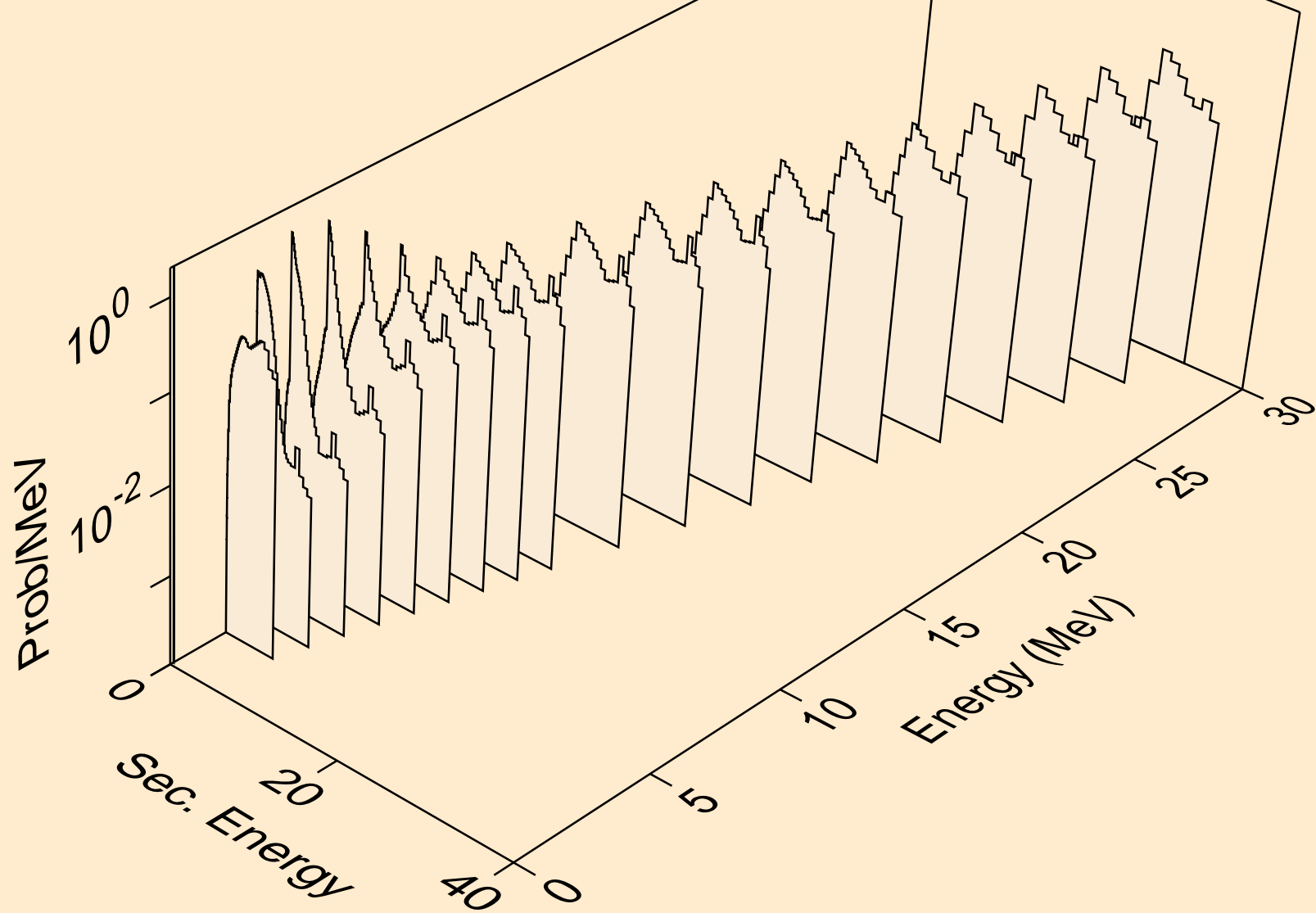
Recoil Heating



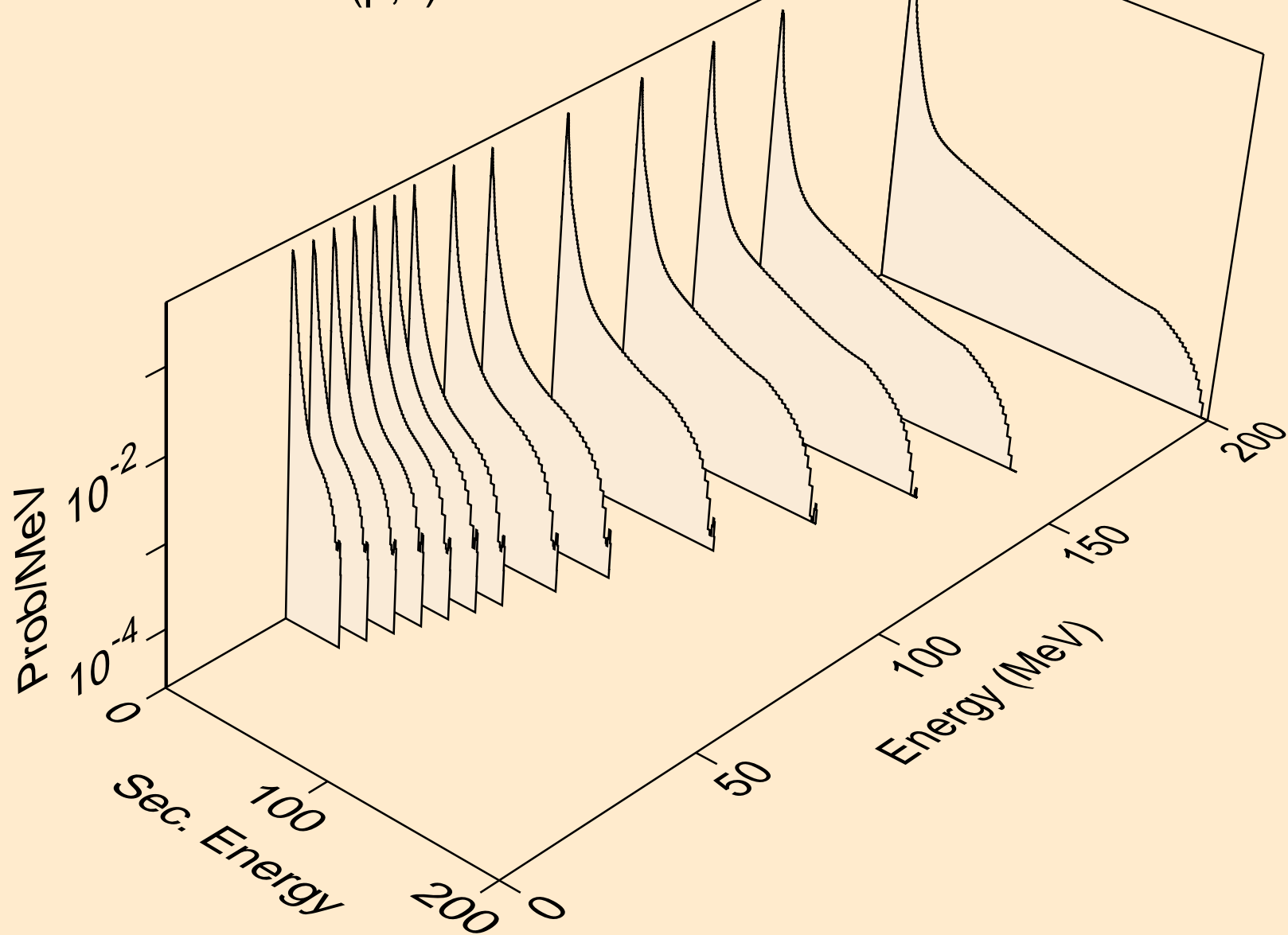
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



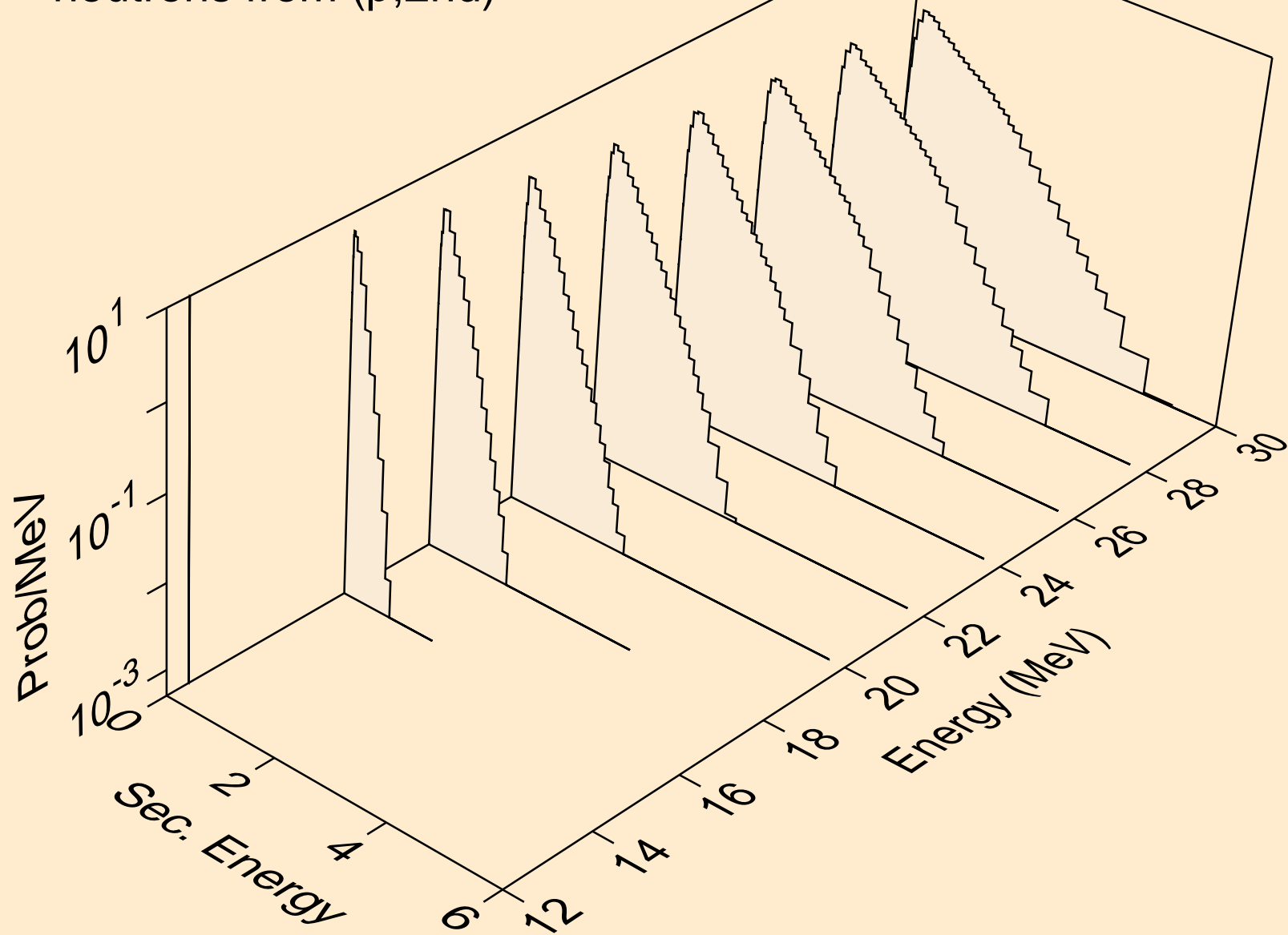
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n)



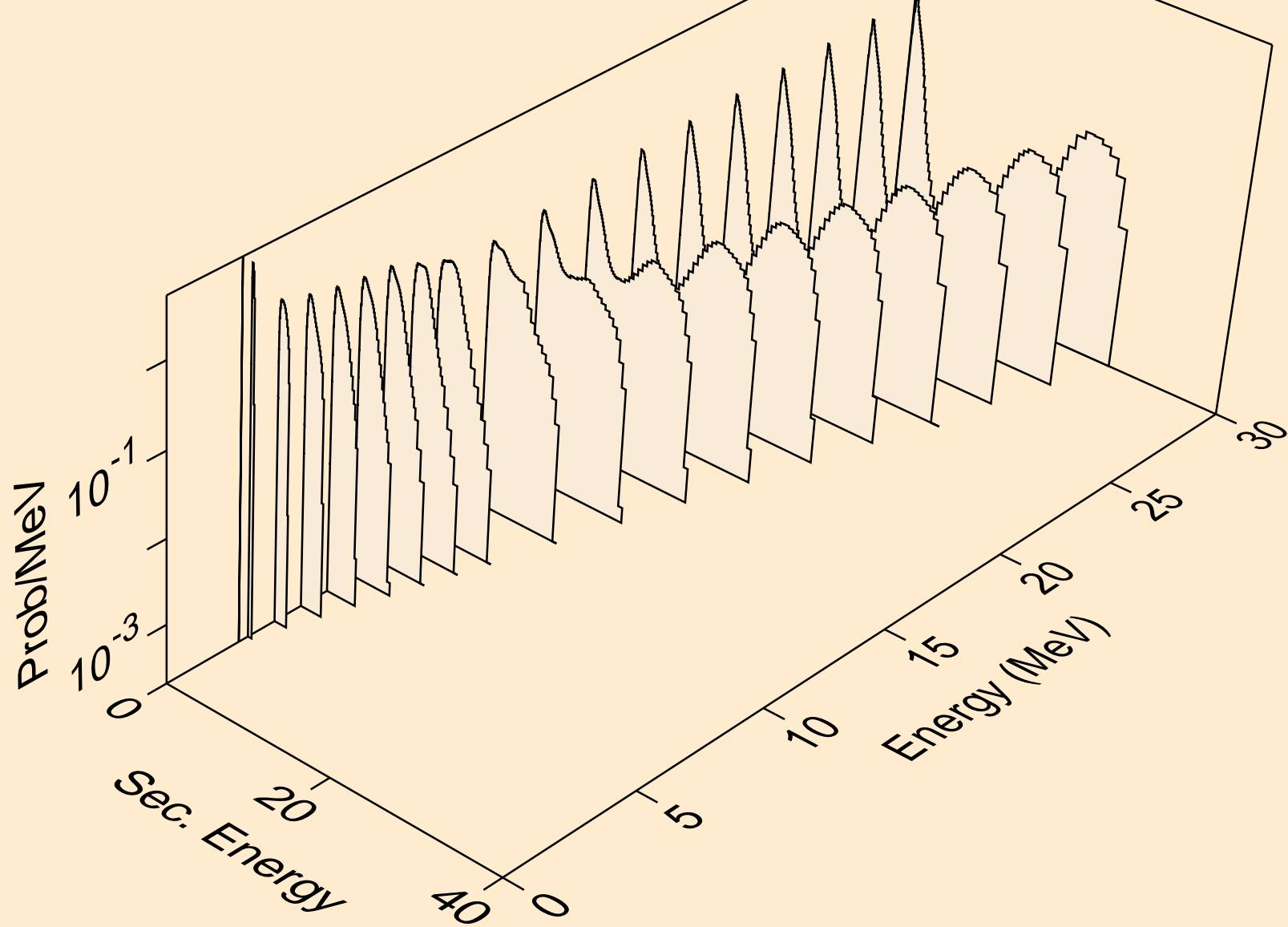
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,x)



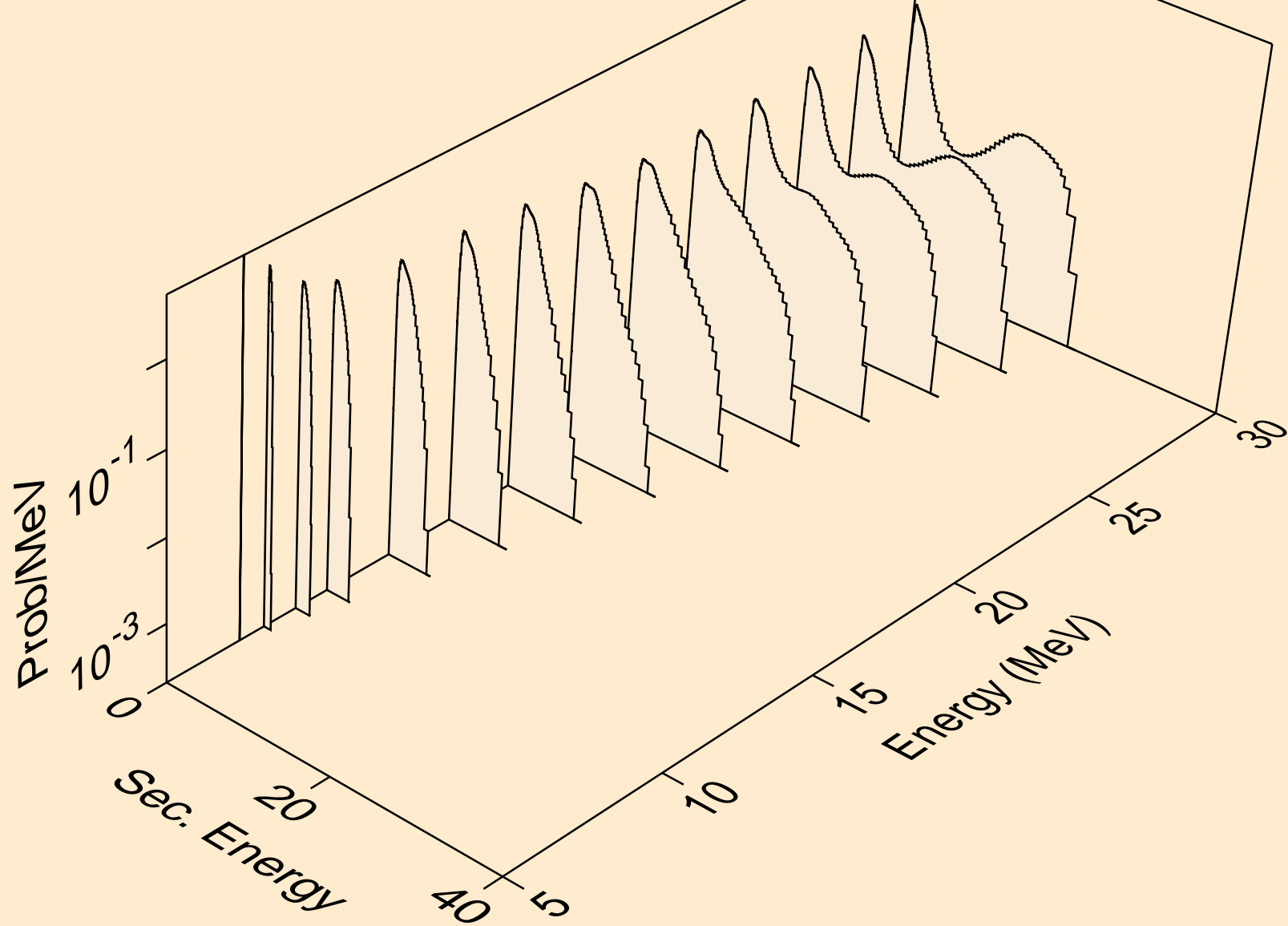
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2nd)



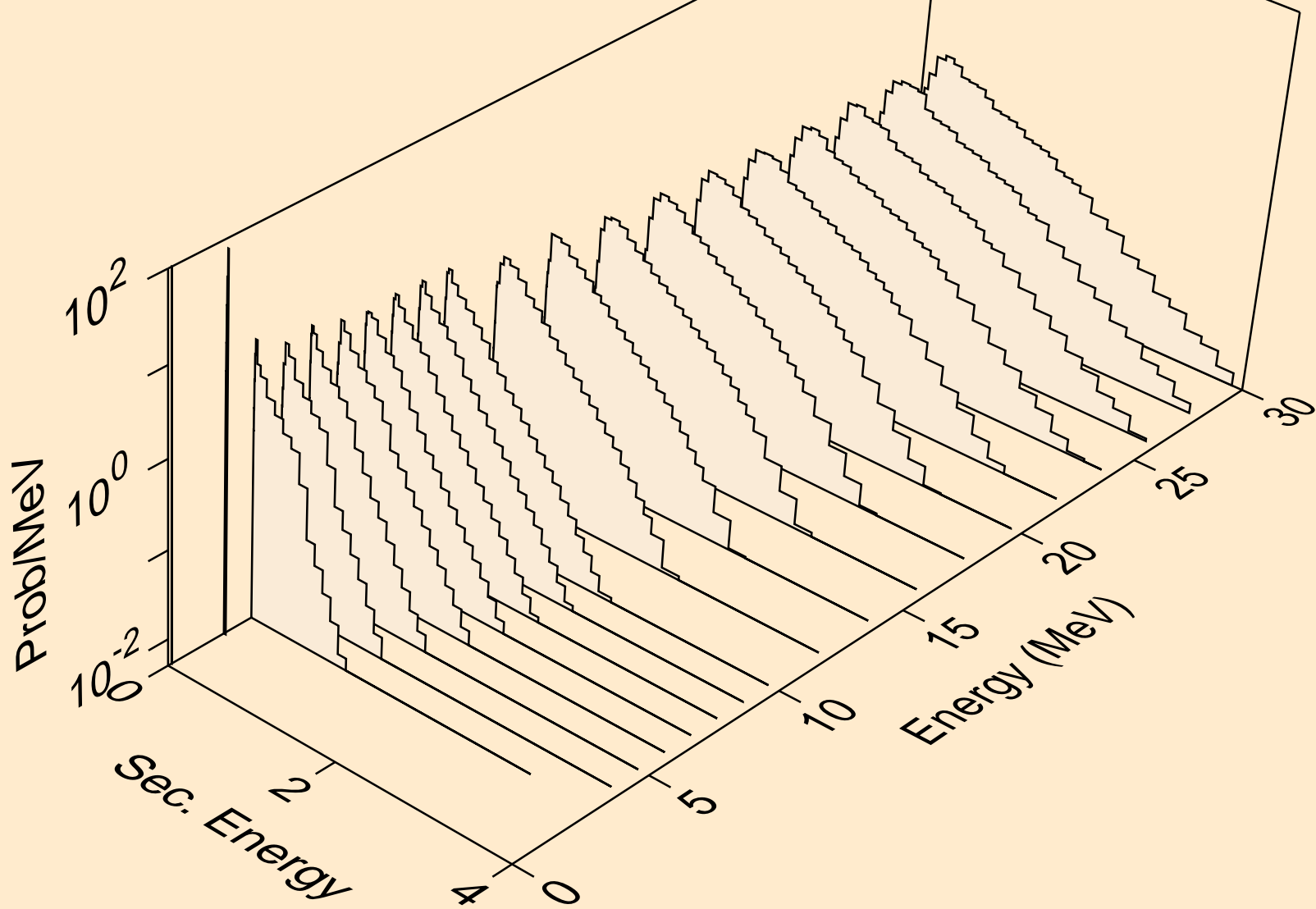
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)



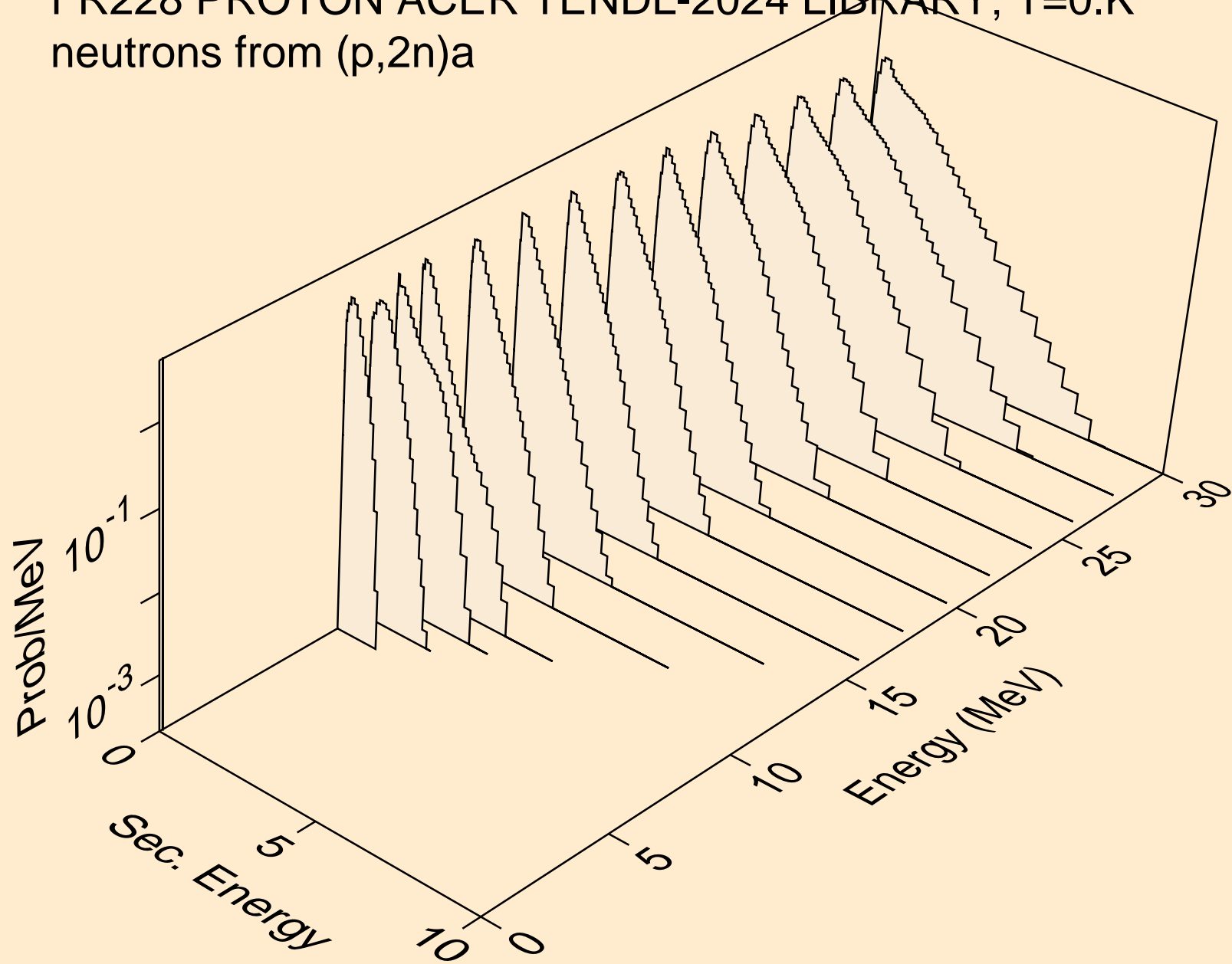
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)



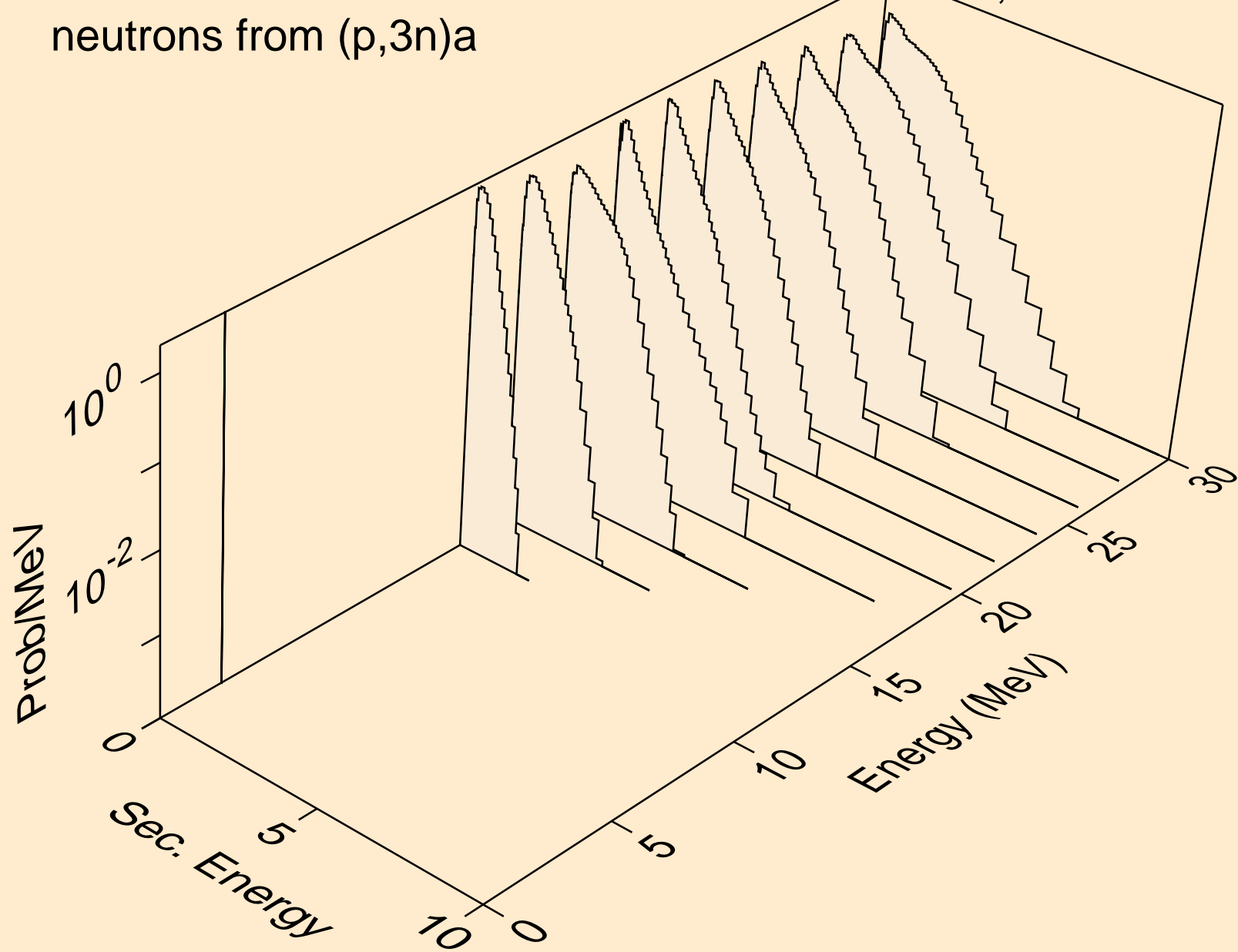
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)a



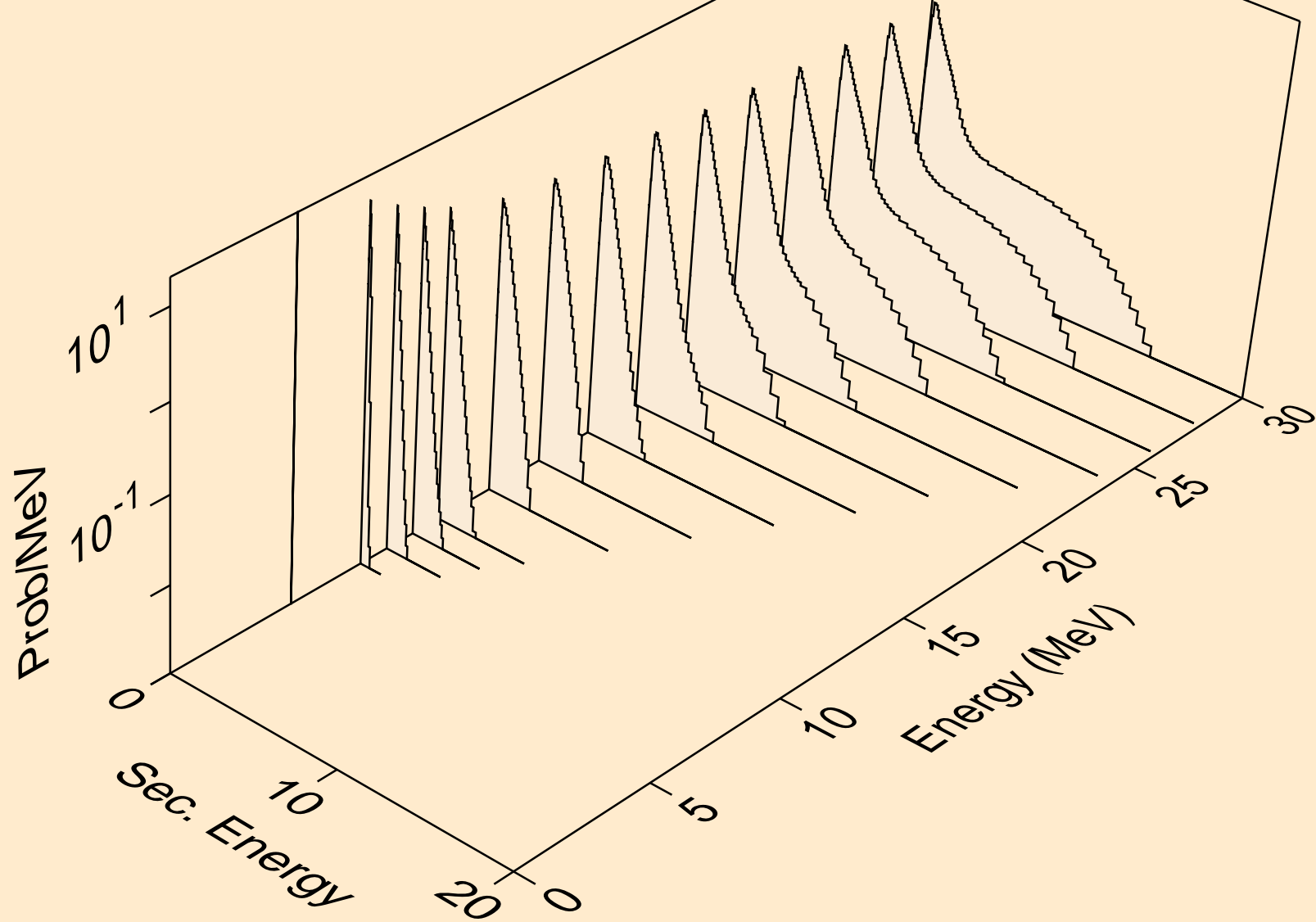
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)a



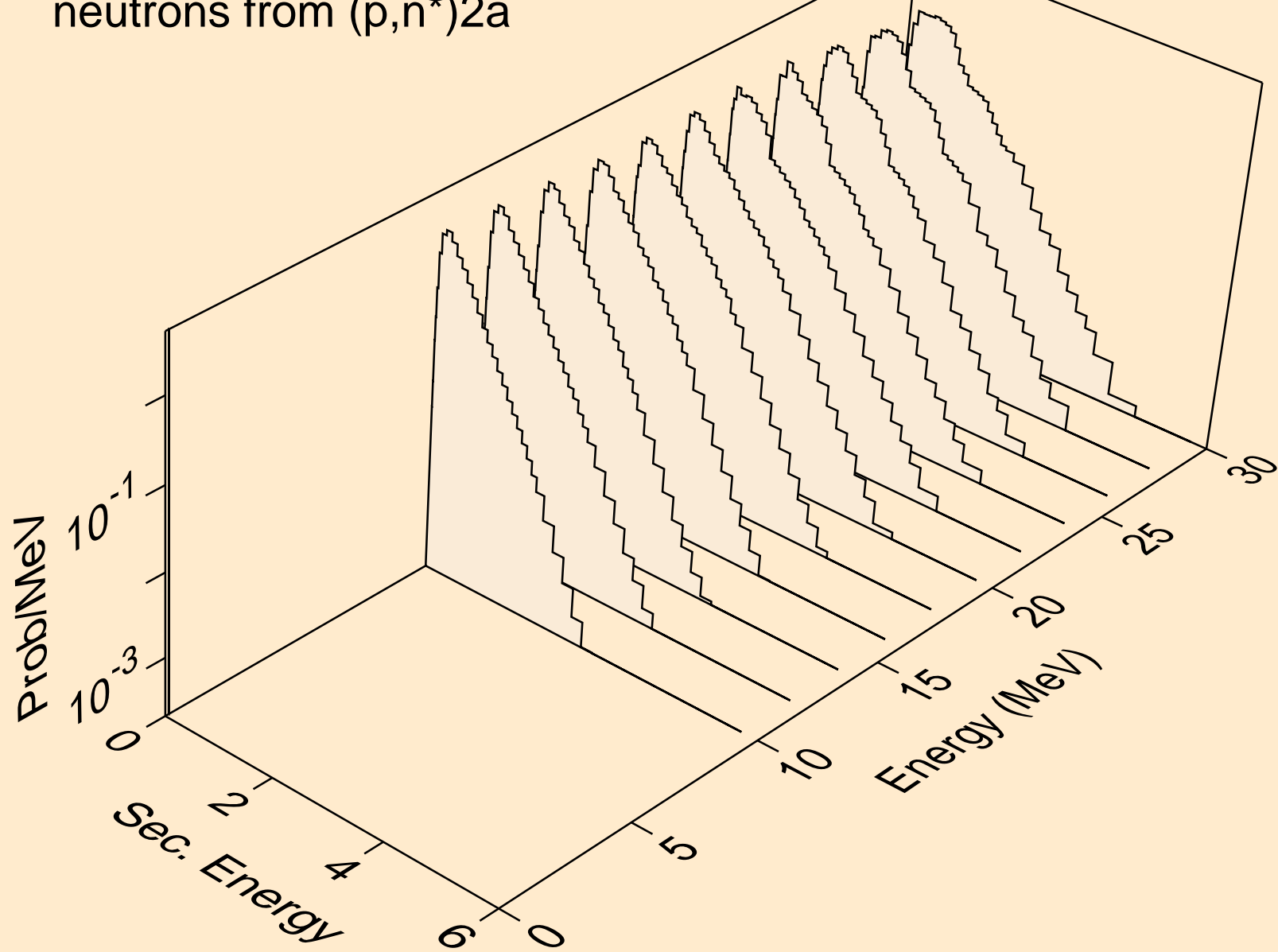
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)a



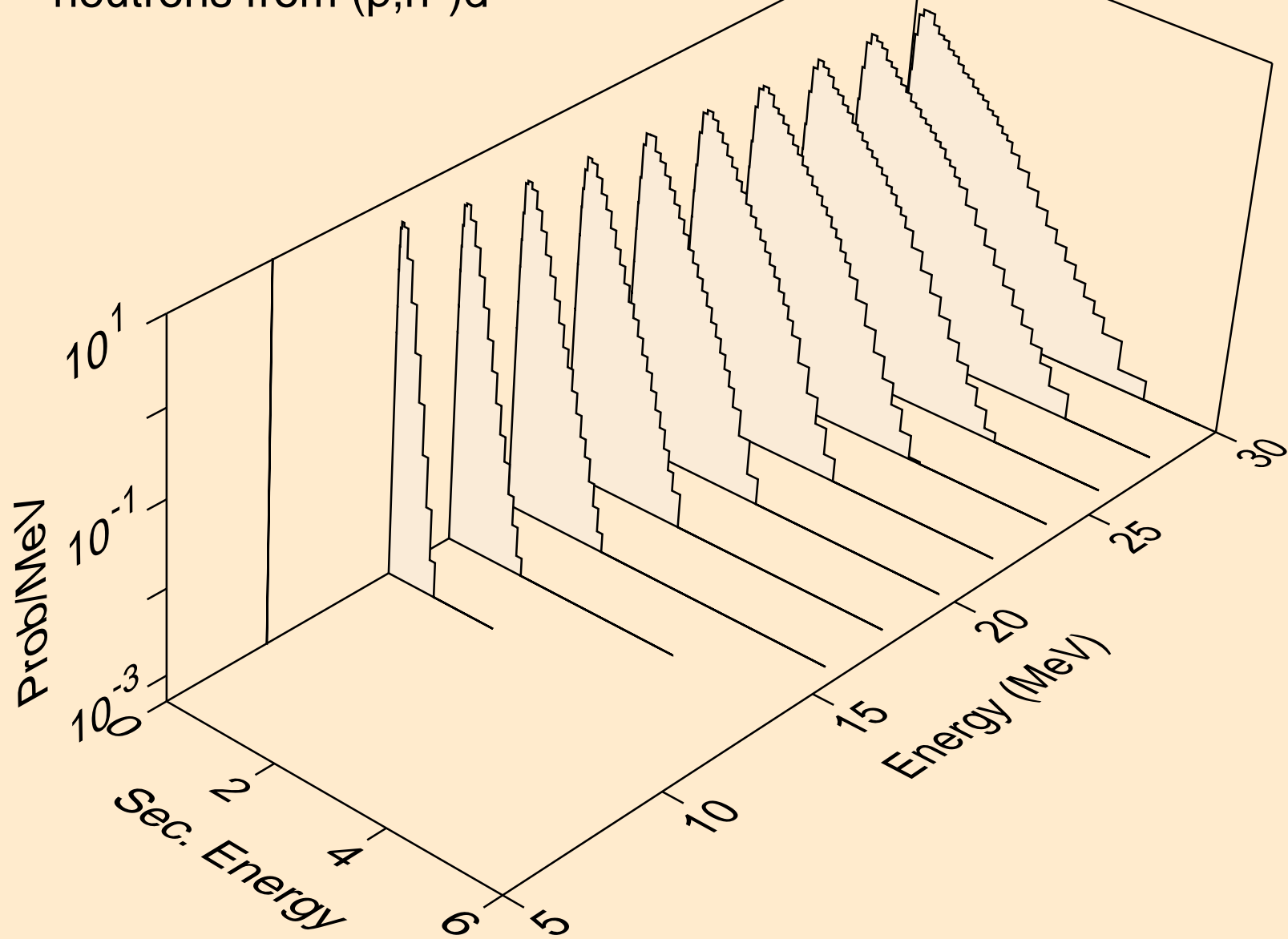
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)p



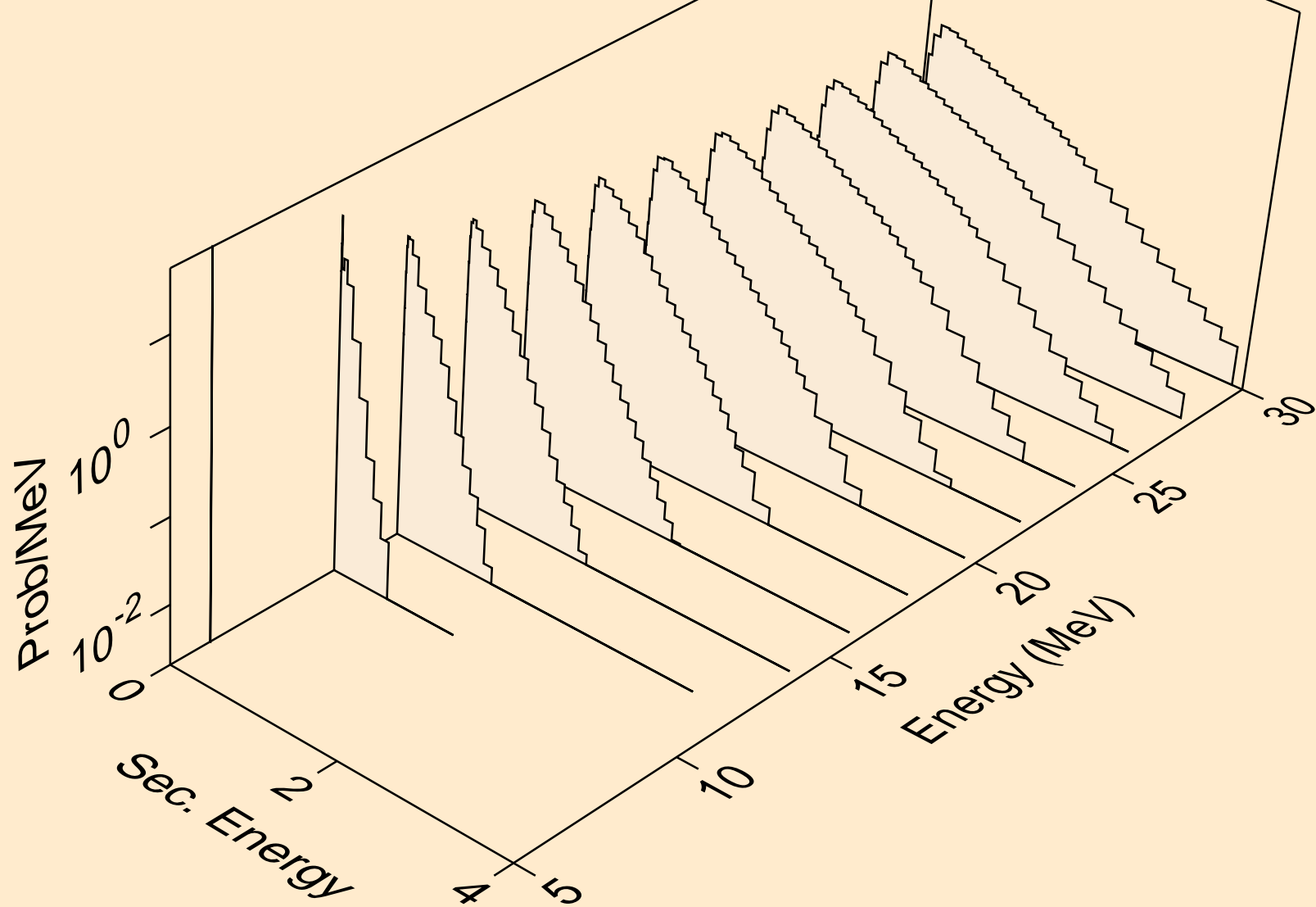
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



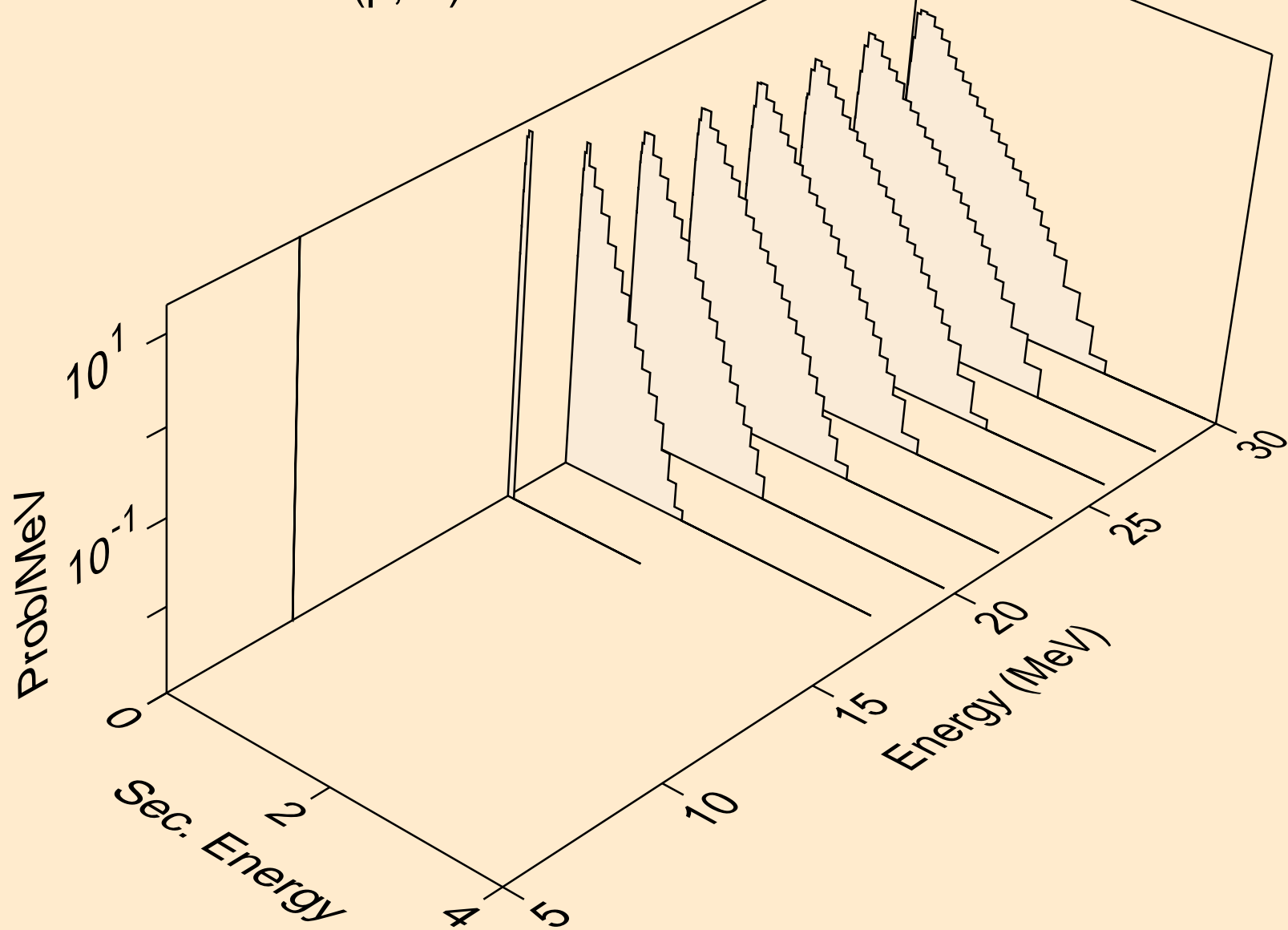
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)d



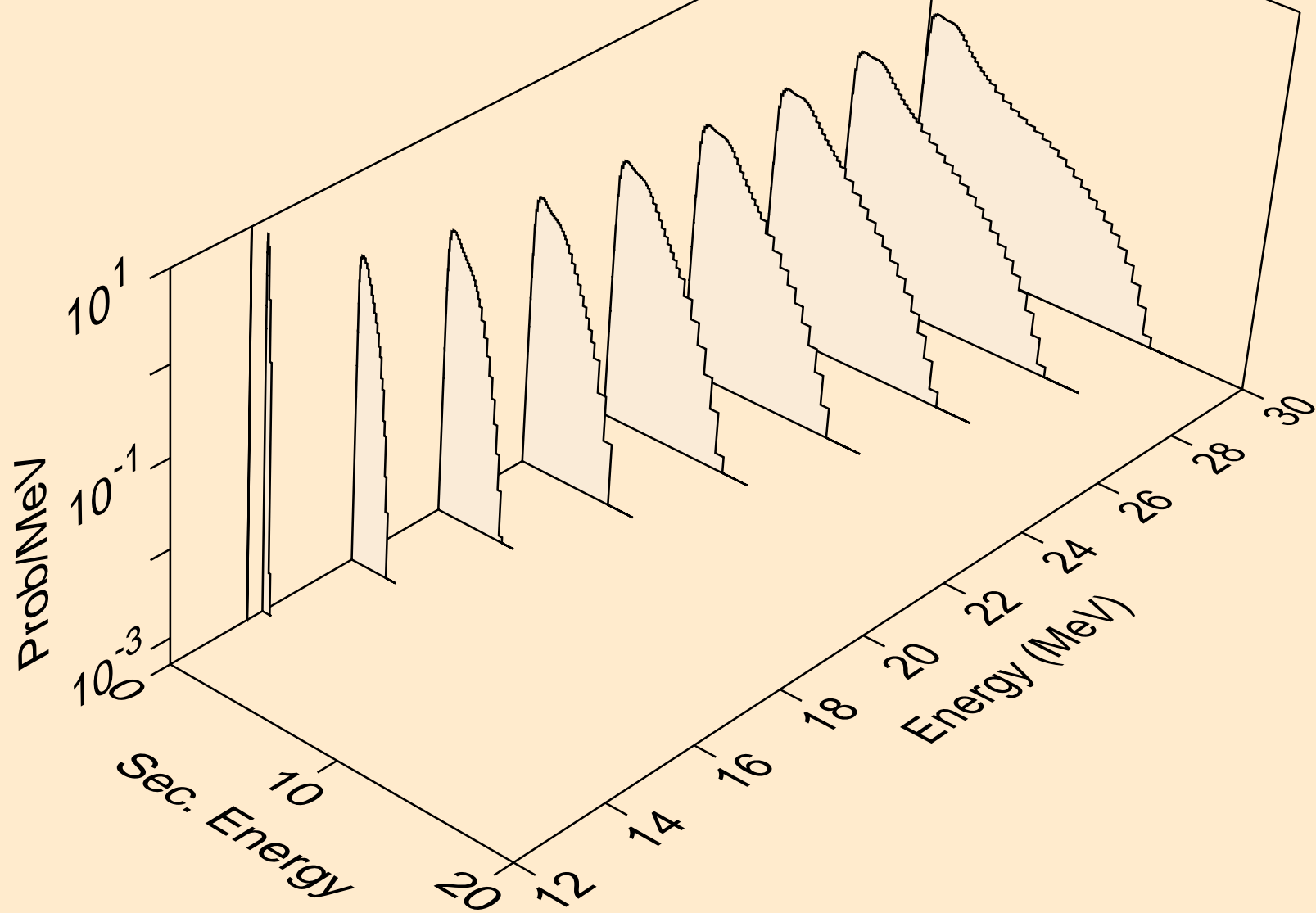
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)t



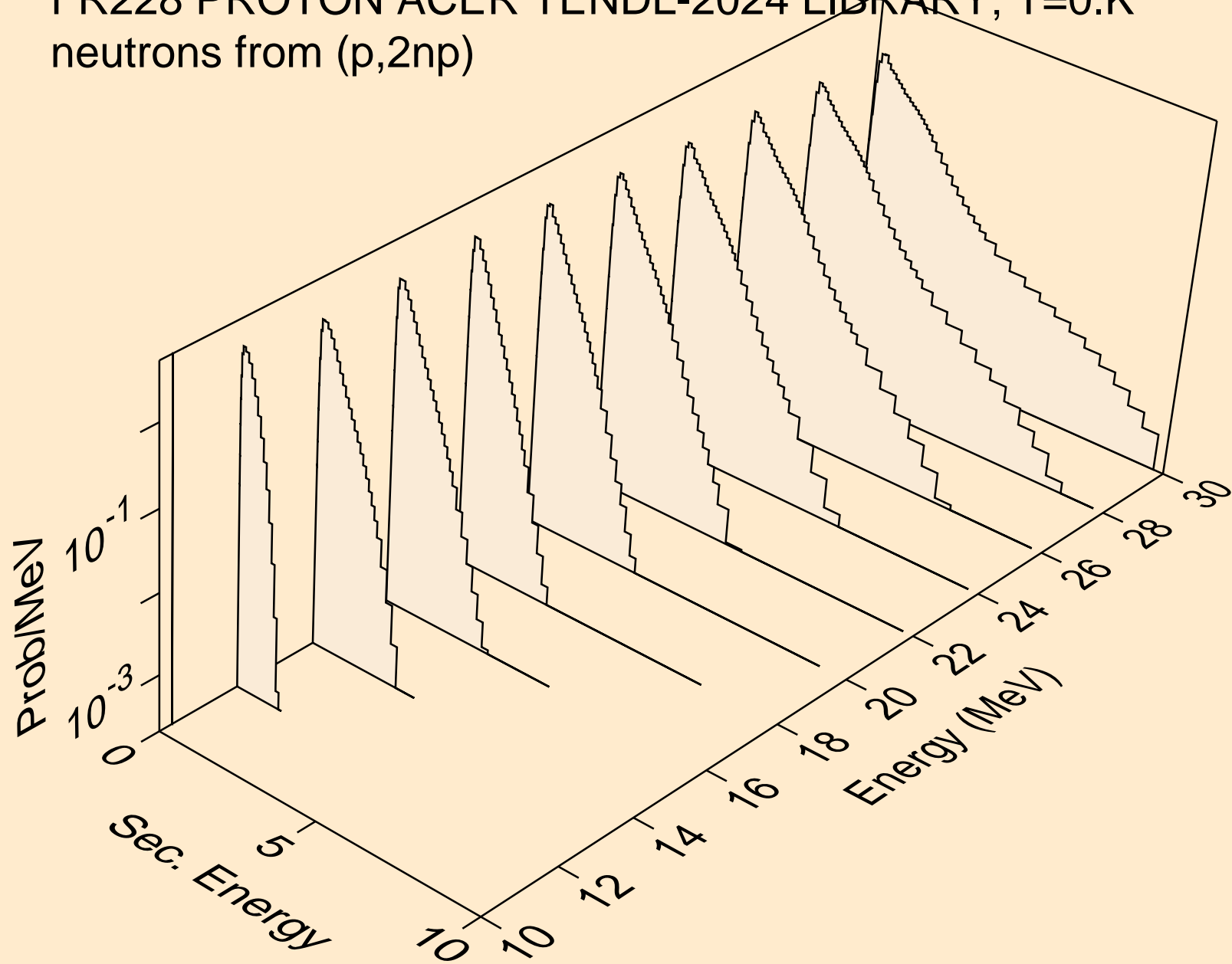
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



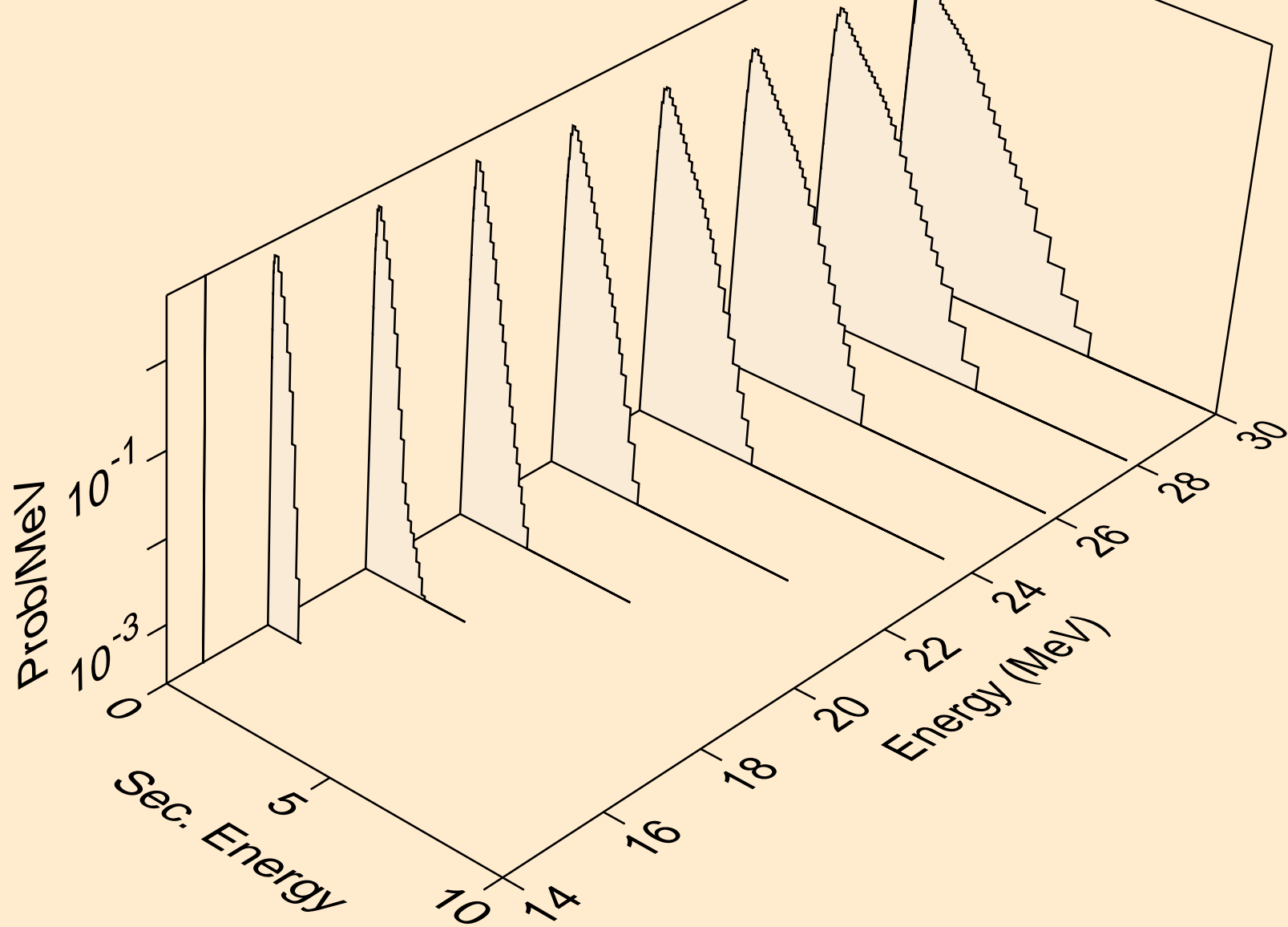
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,4n)



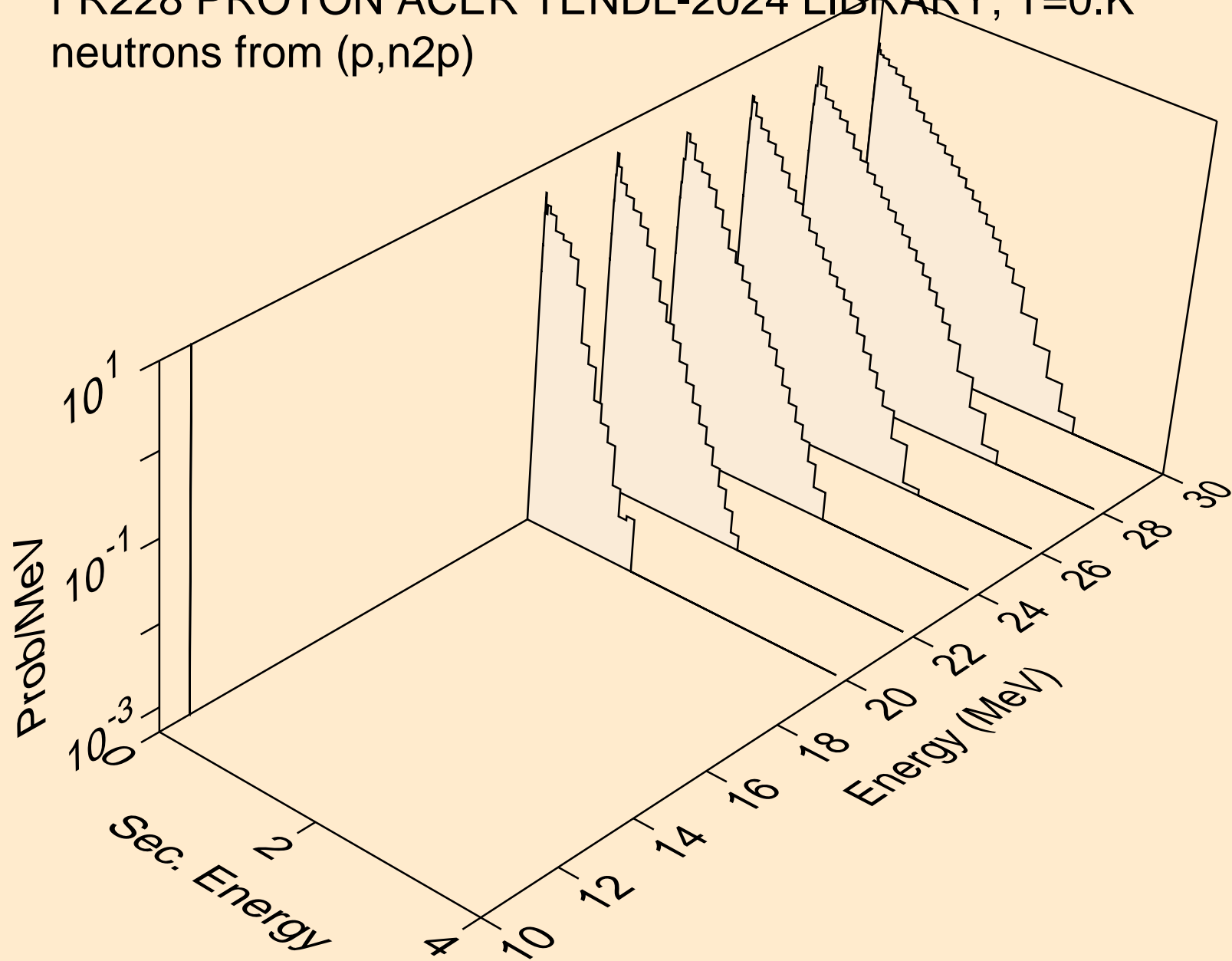
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2np)



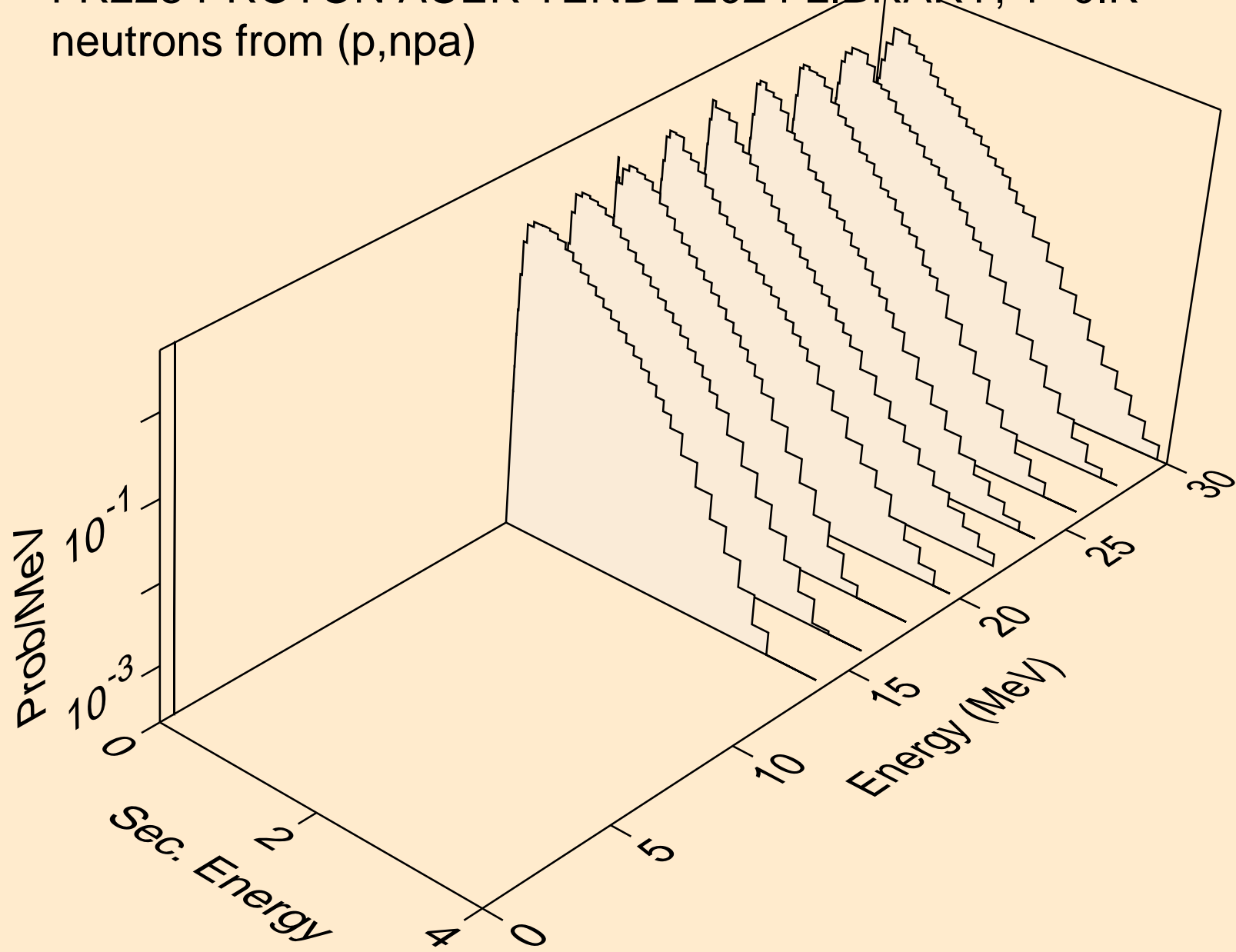
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3np)



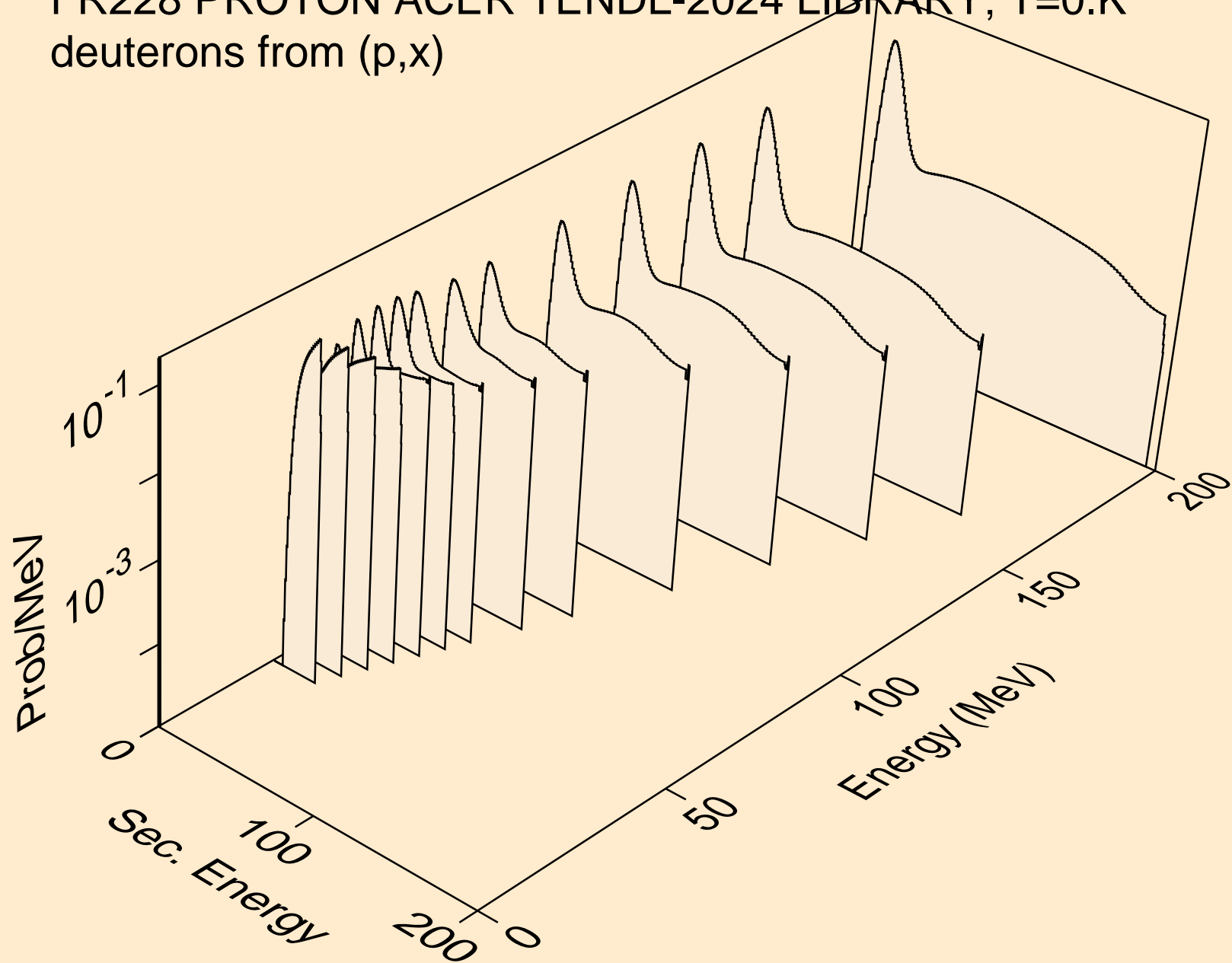
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n2p)



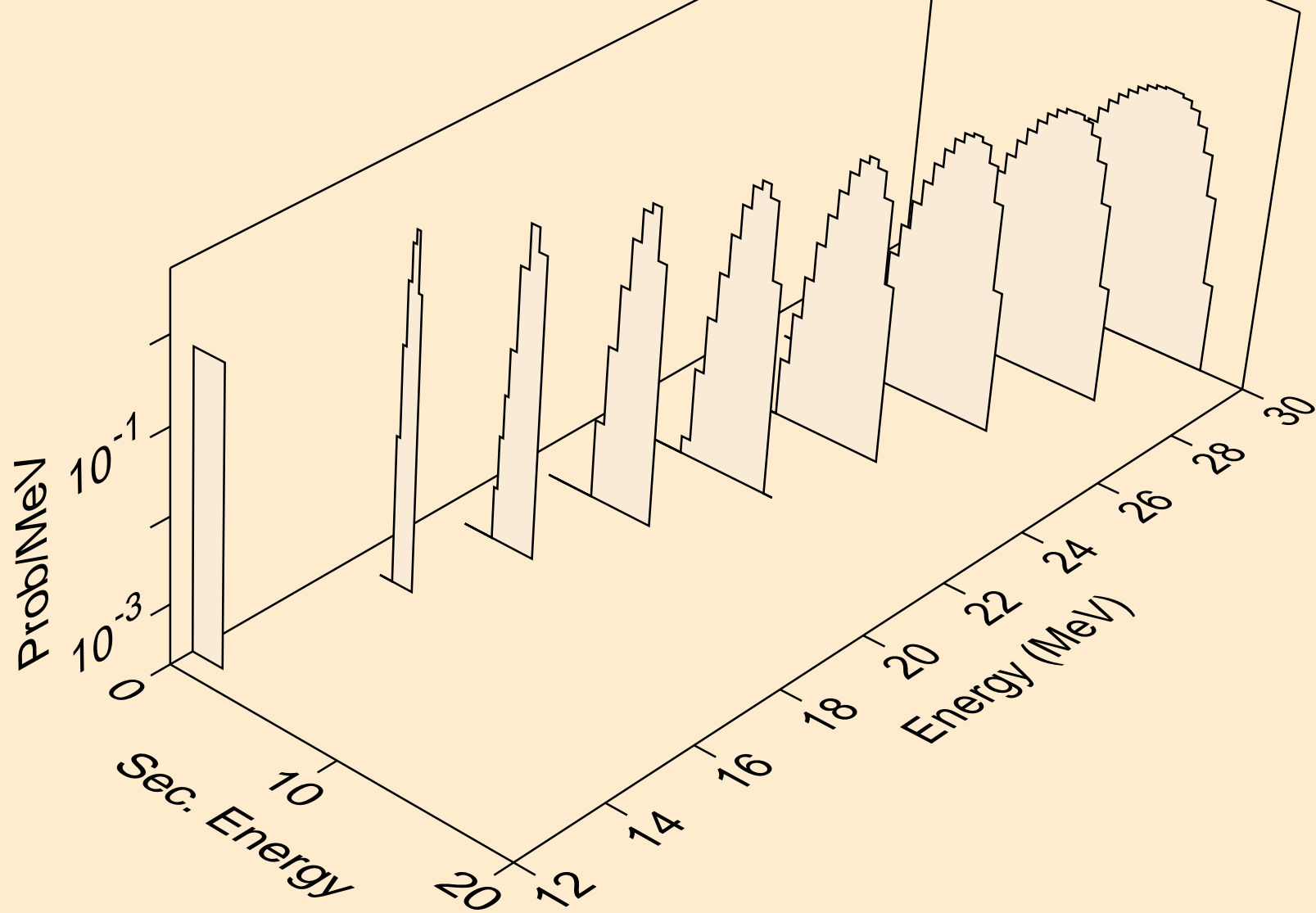
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,npa)



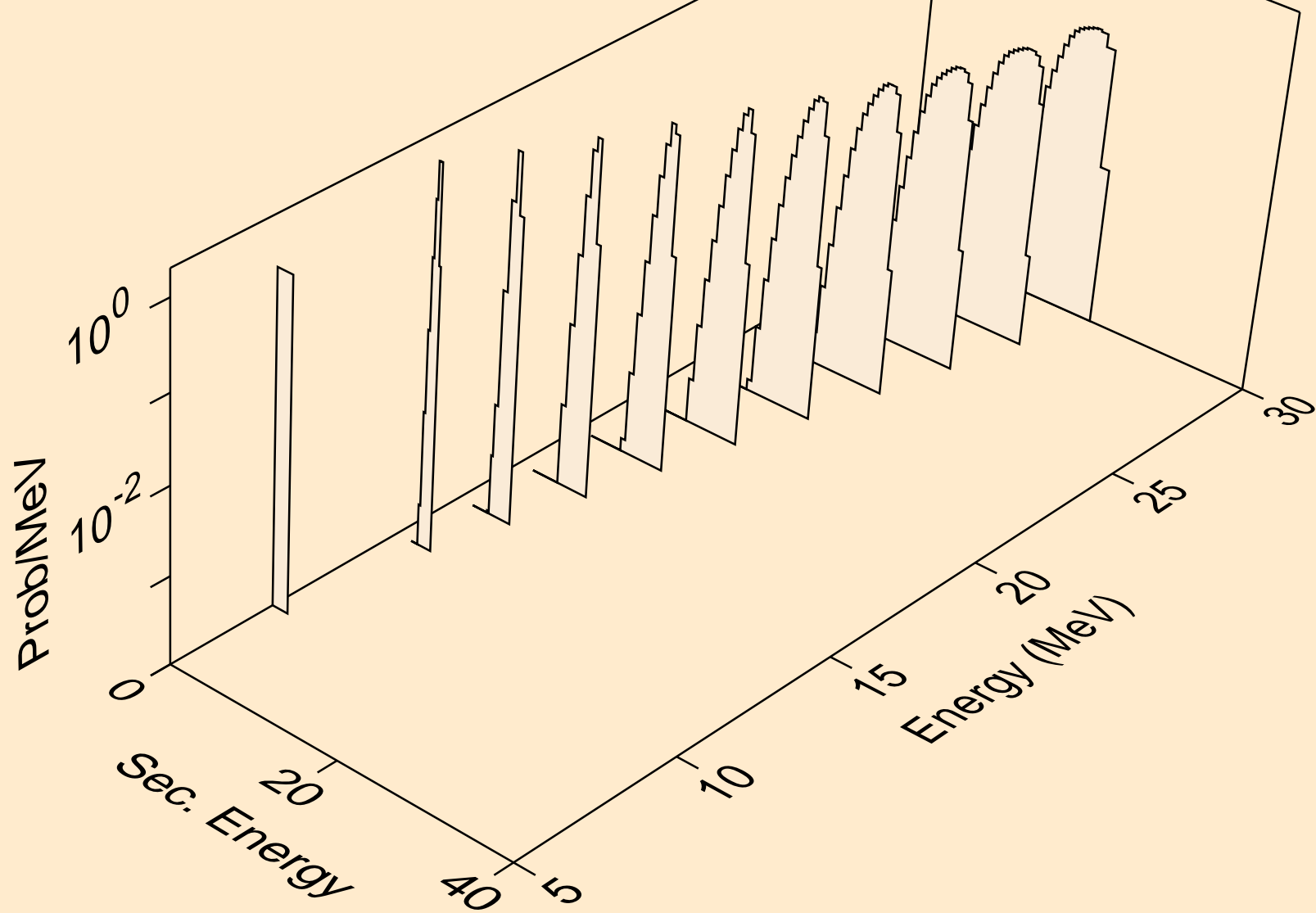
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,x)



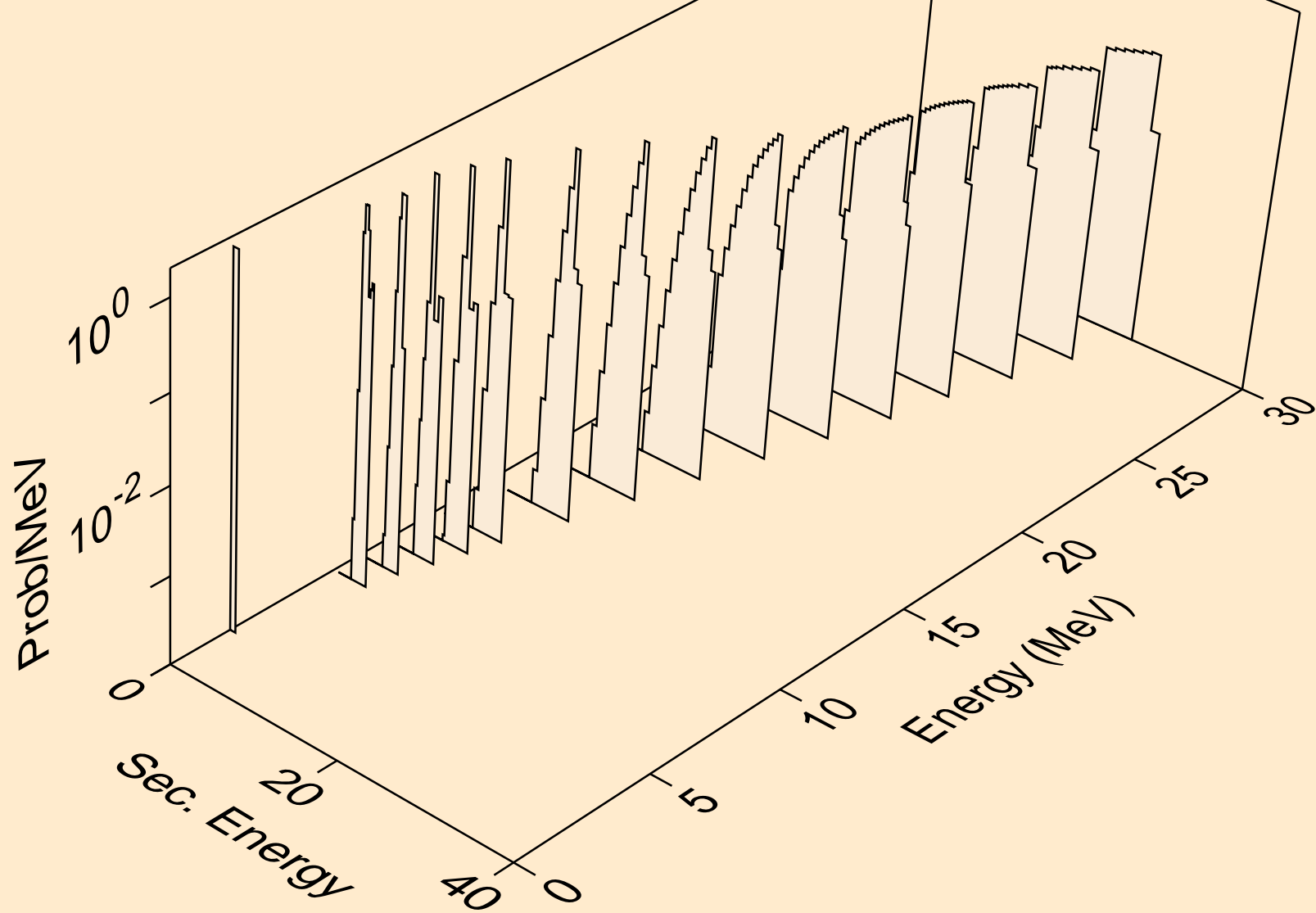
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,2nd)



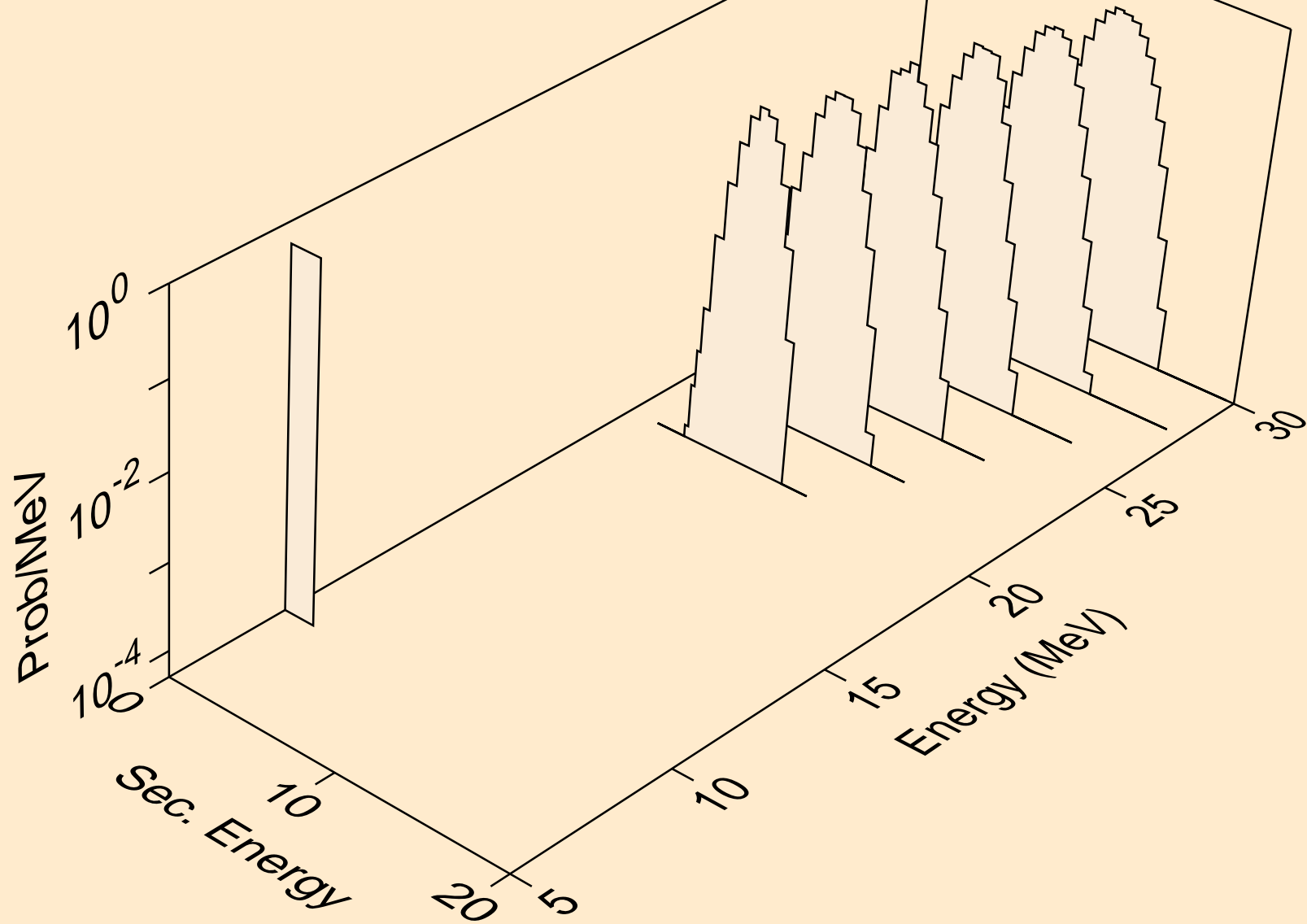
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,n\*)d



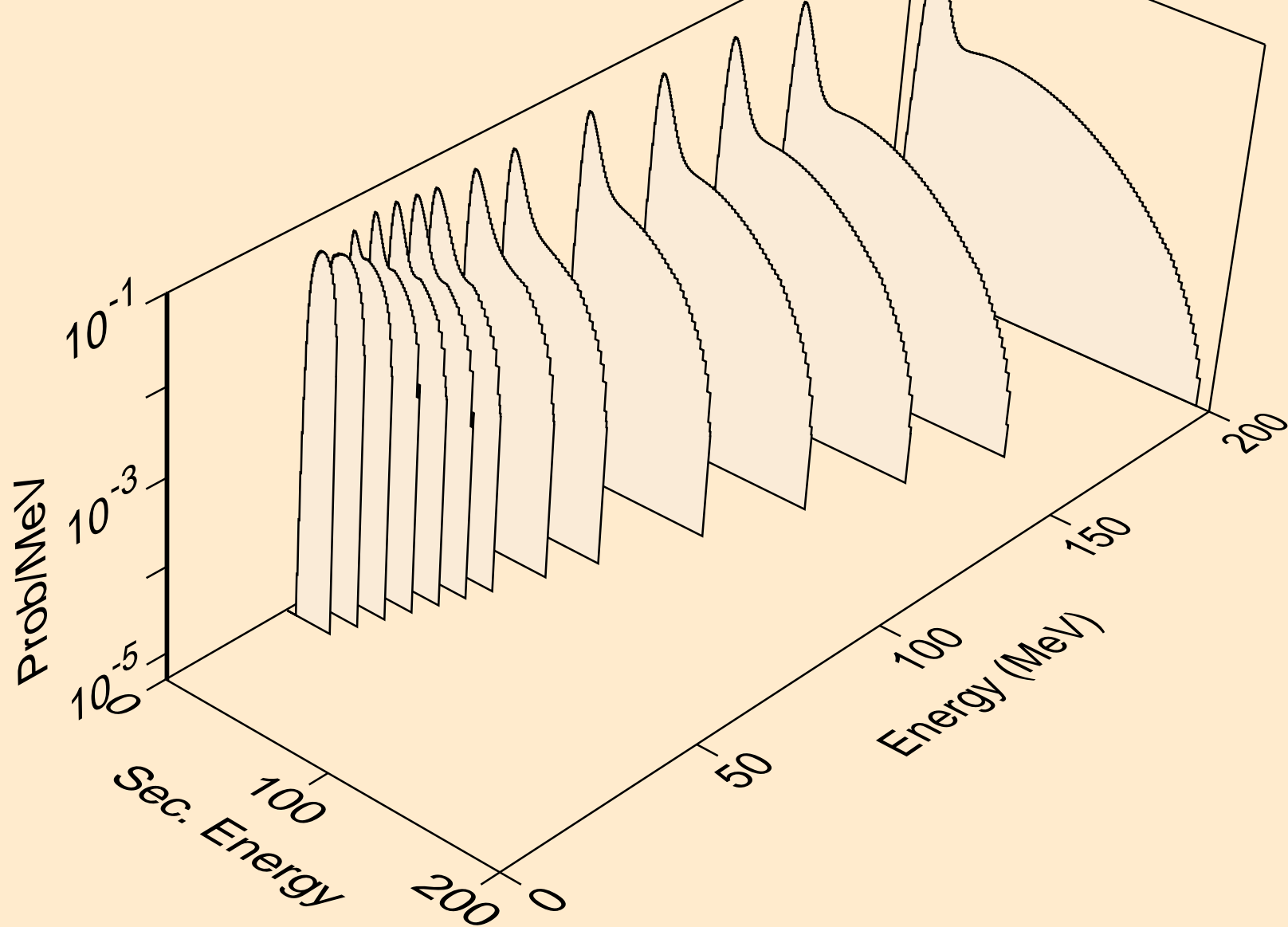
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,d)



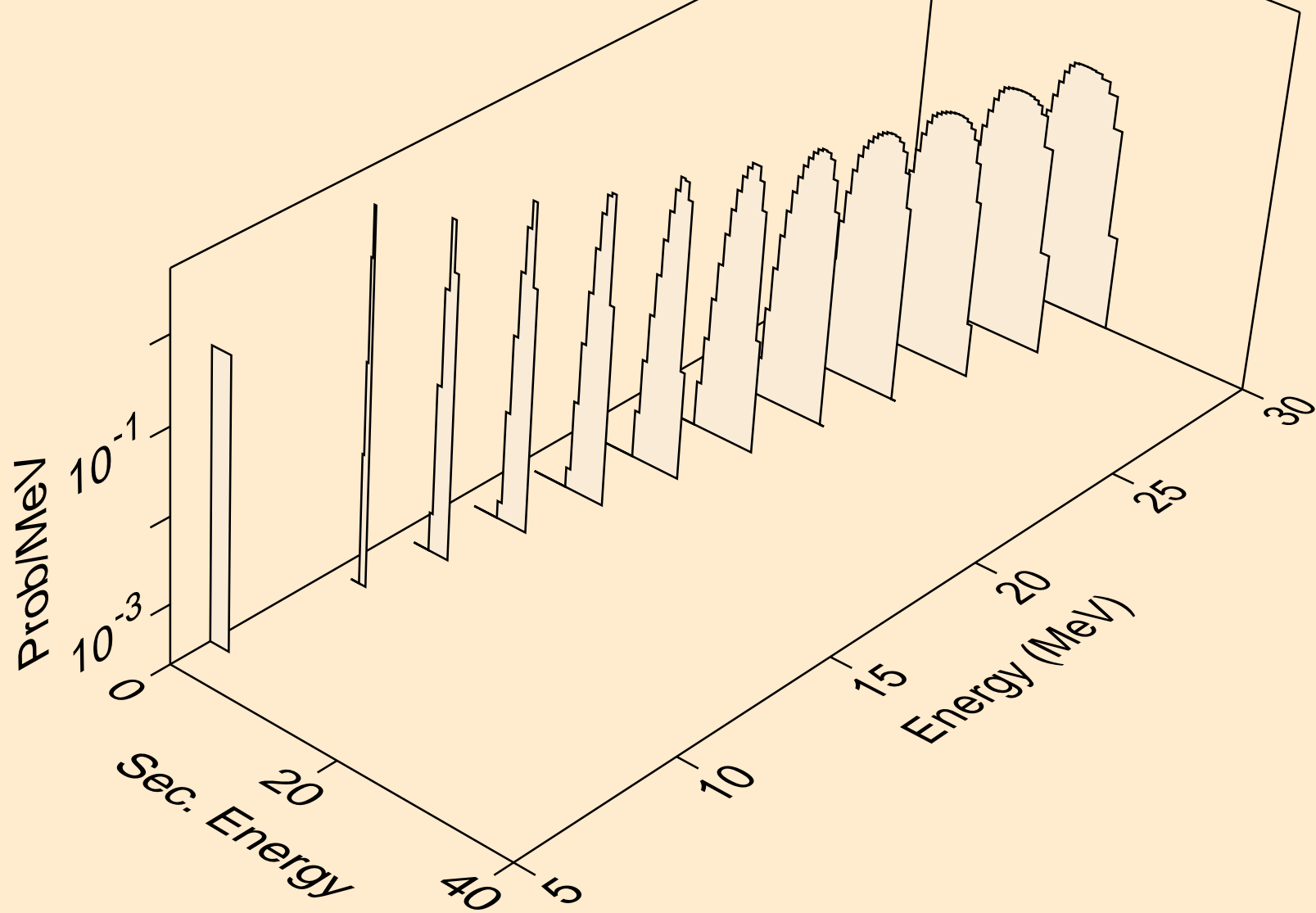
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,pd)



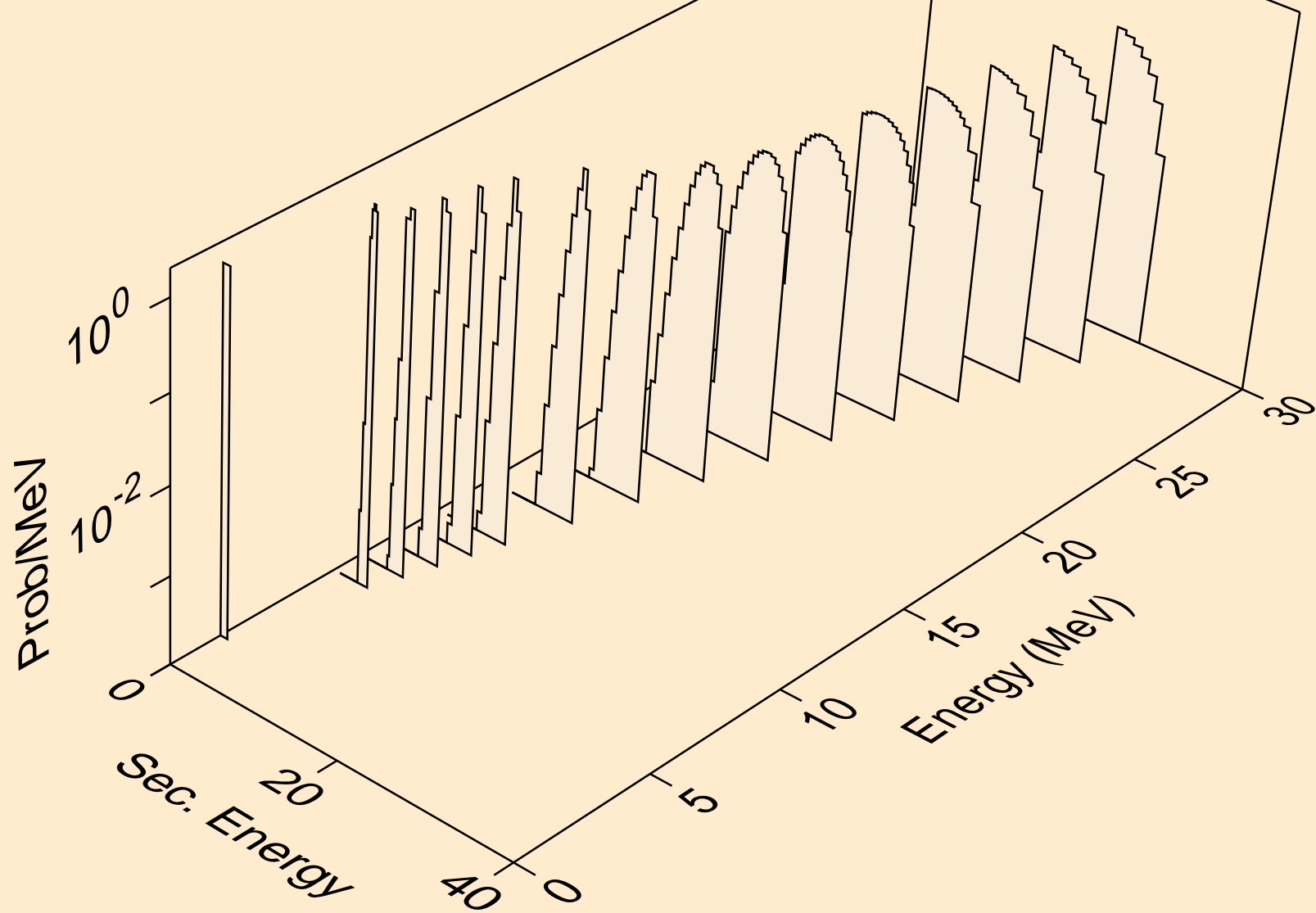
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,x)



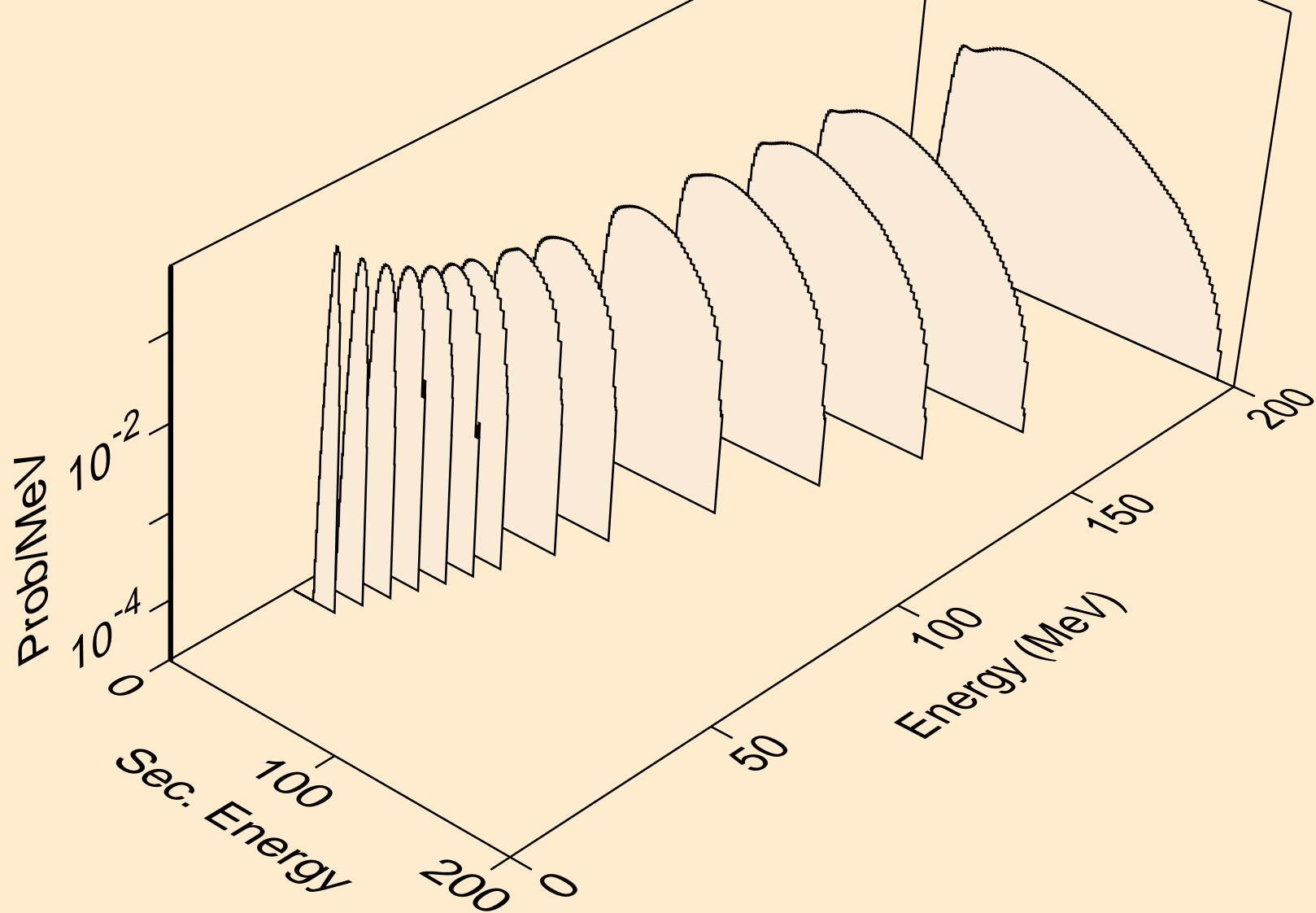
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,n\*)t



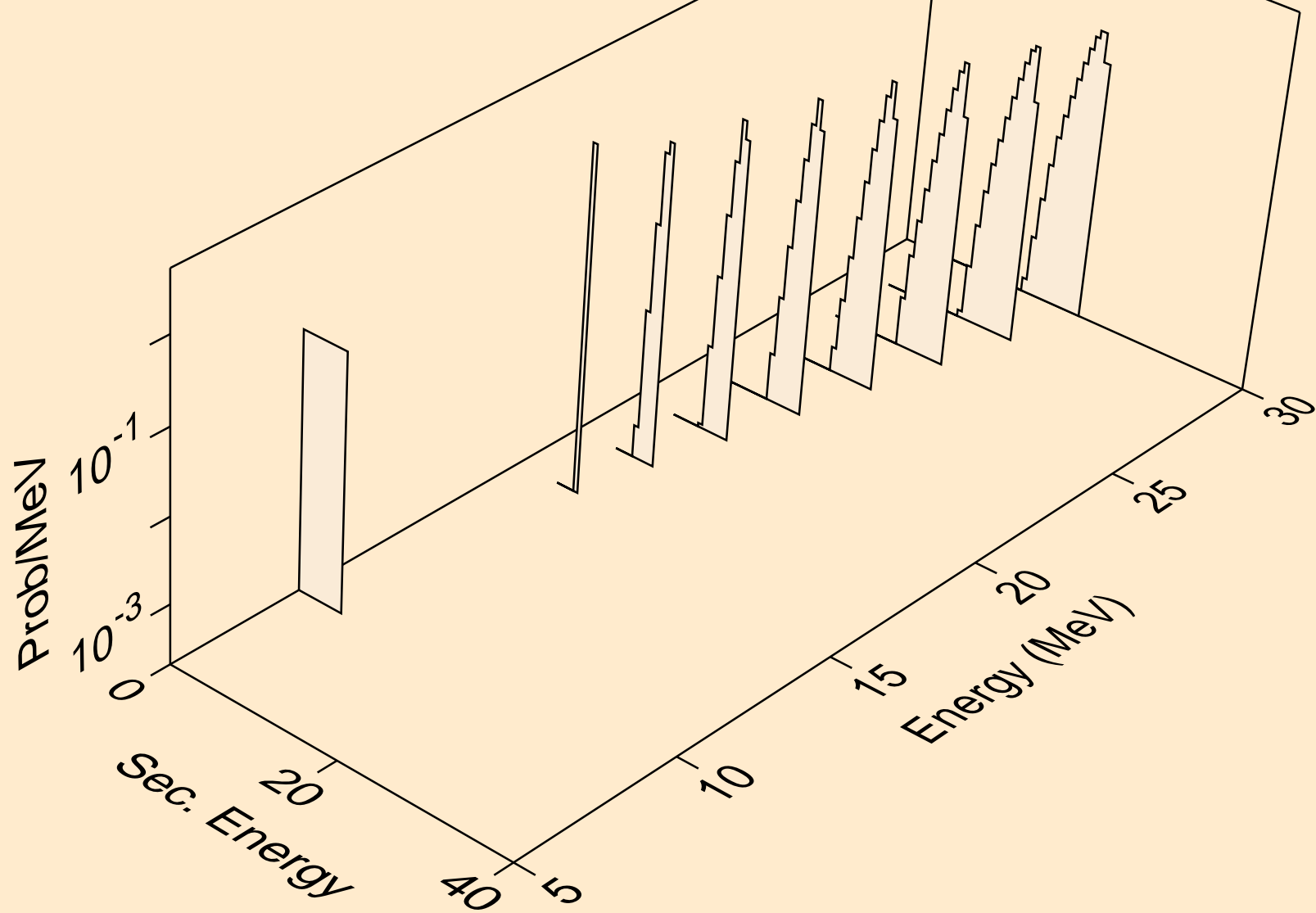
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,t)



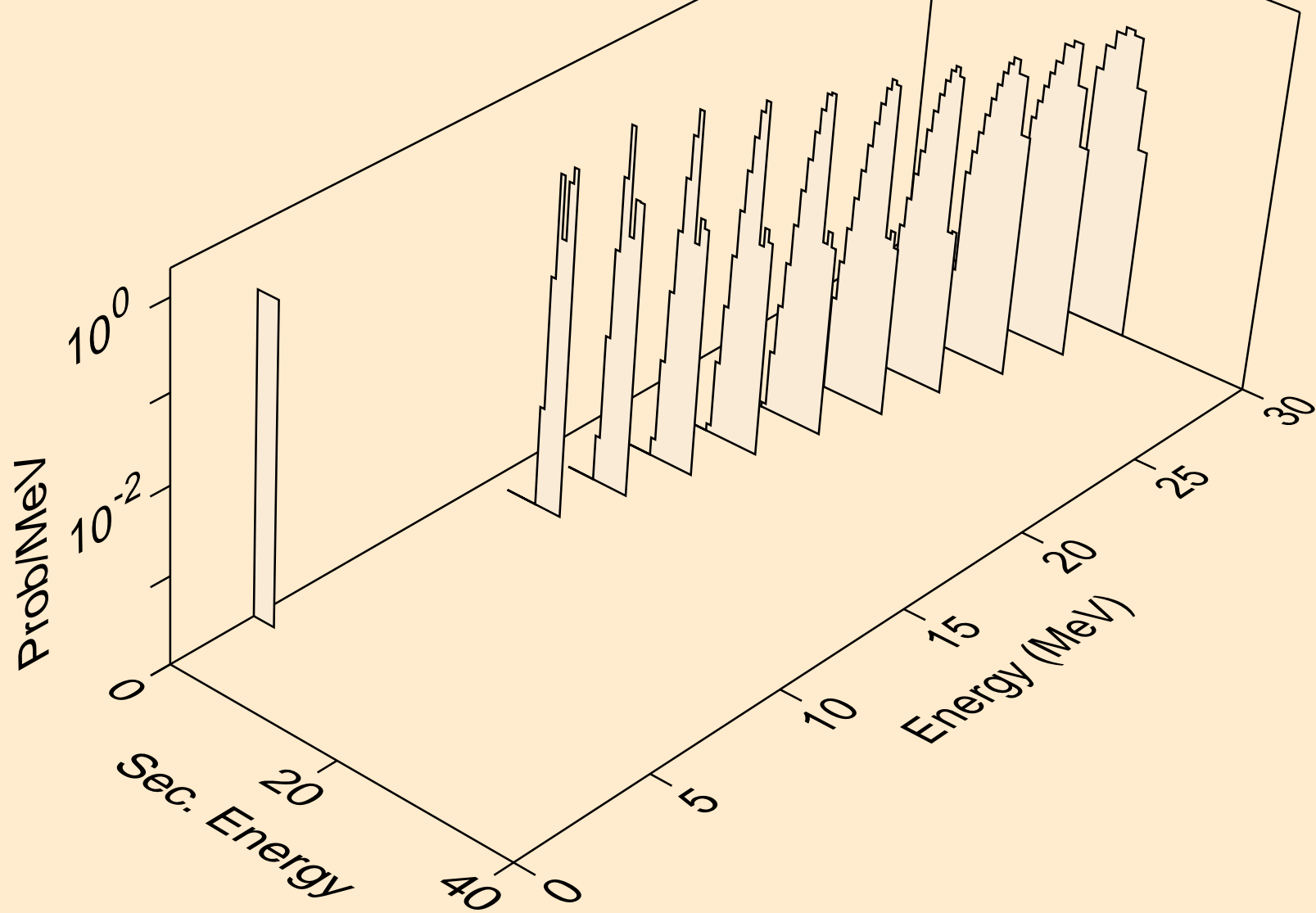
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,x)



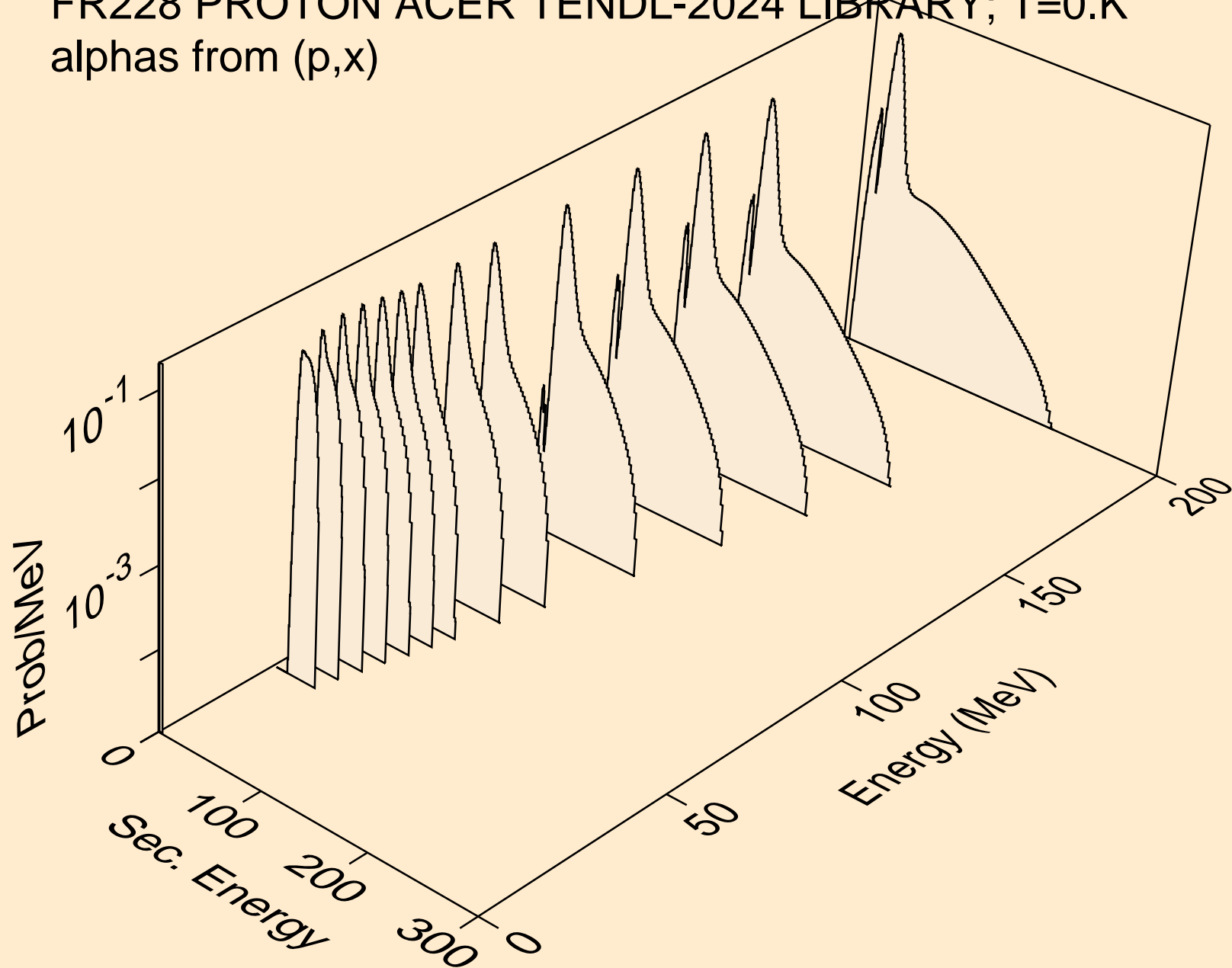
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,n\*)he3



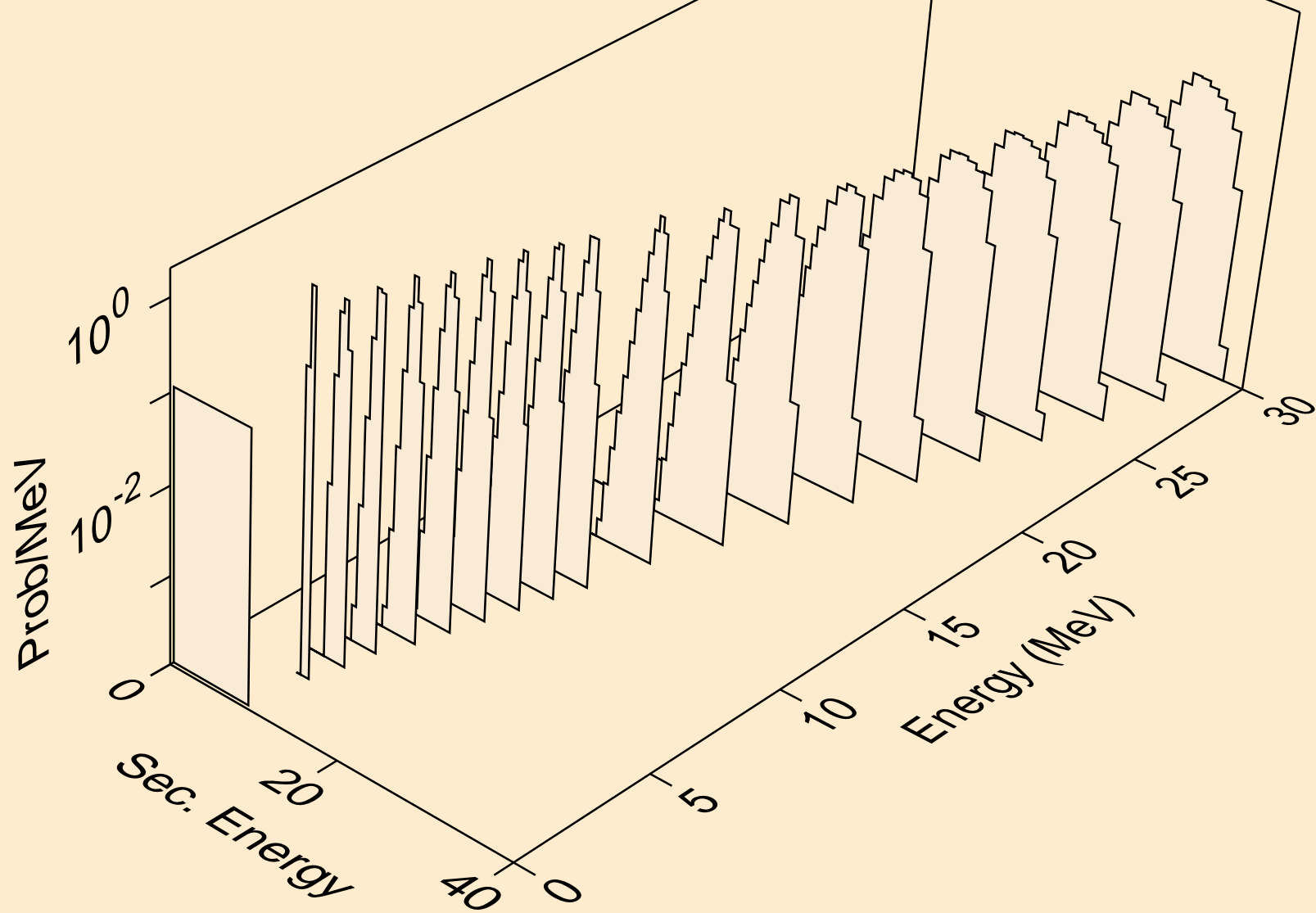
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,he3)



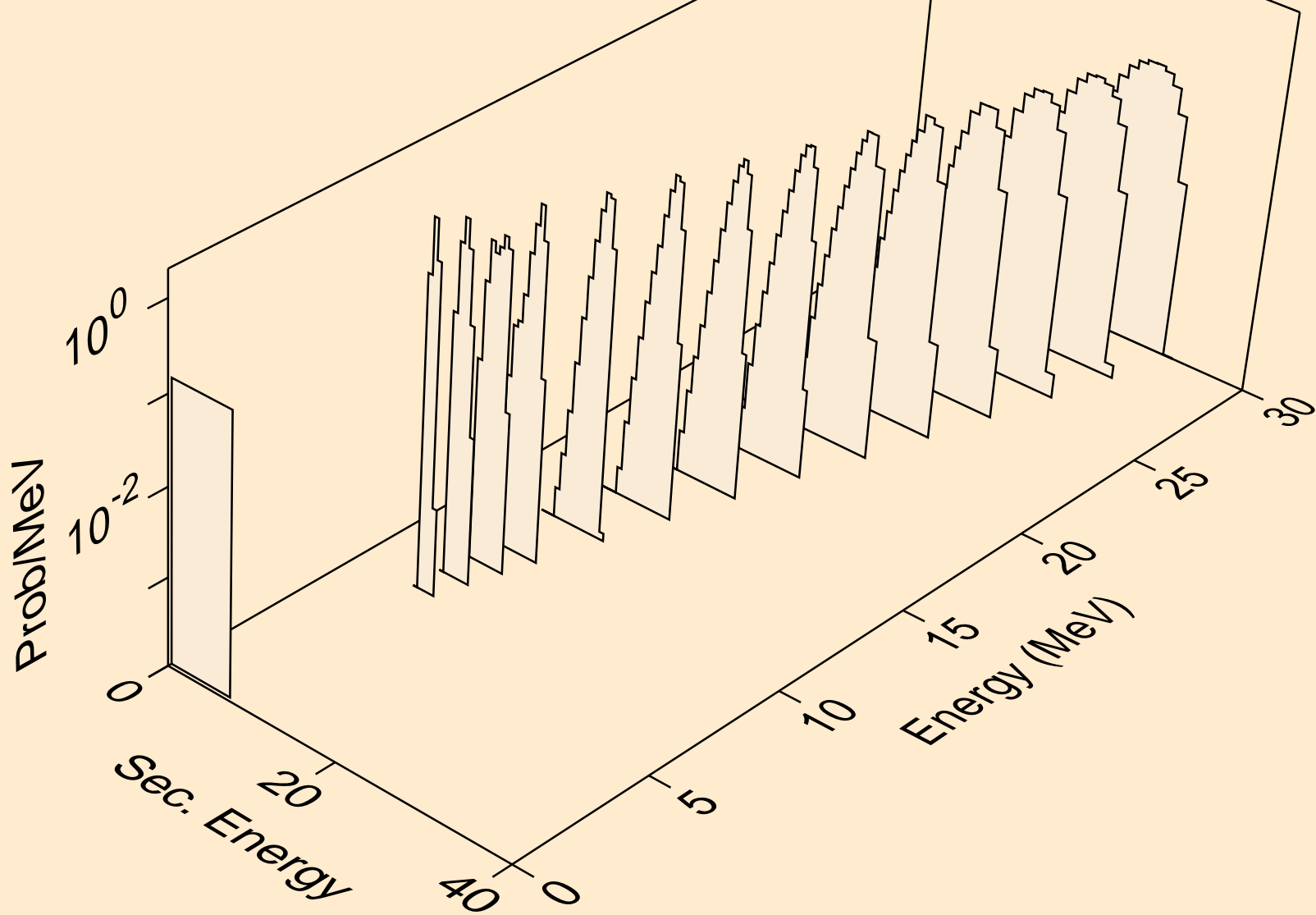
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,x)



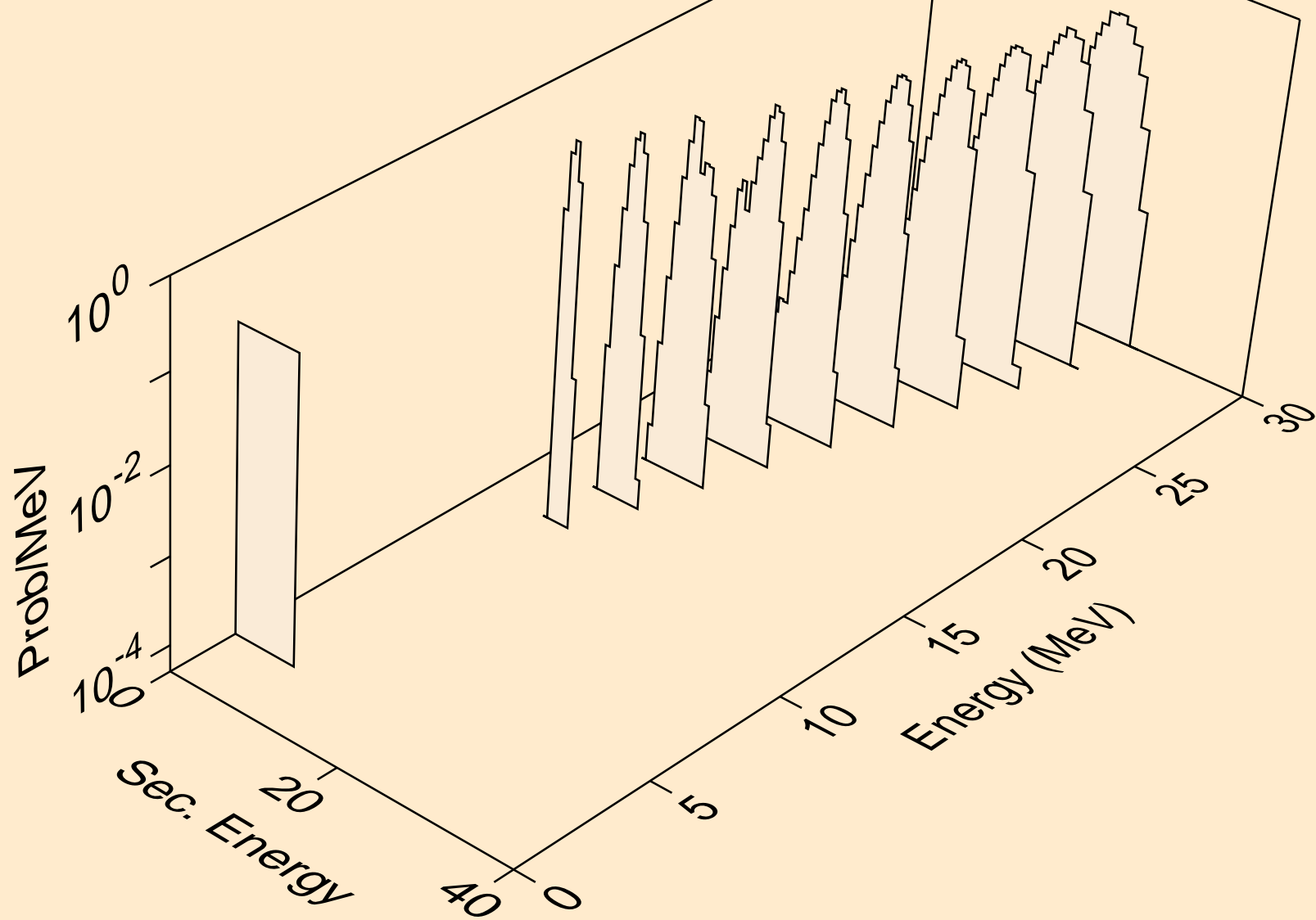
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)a



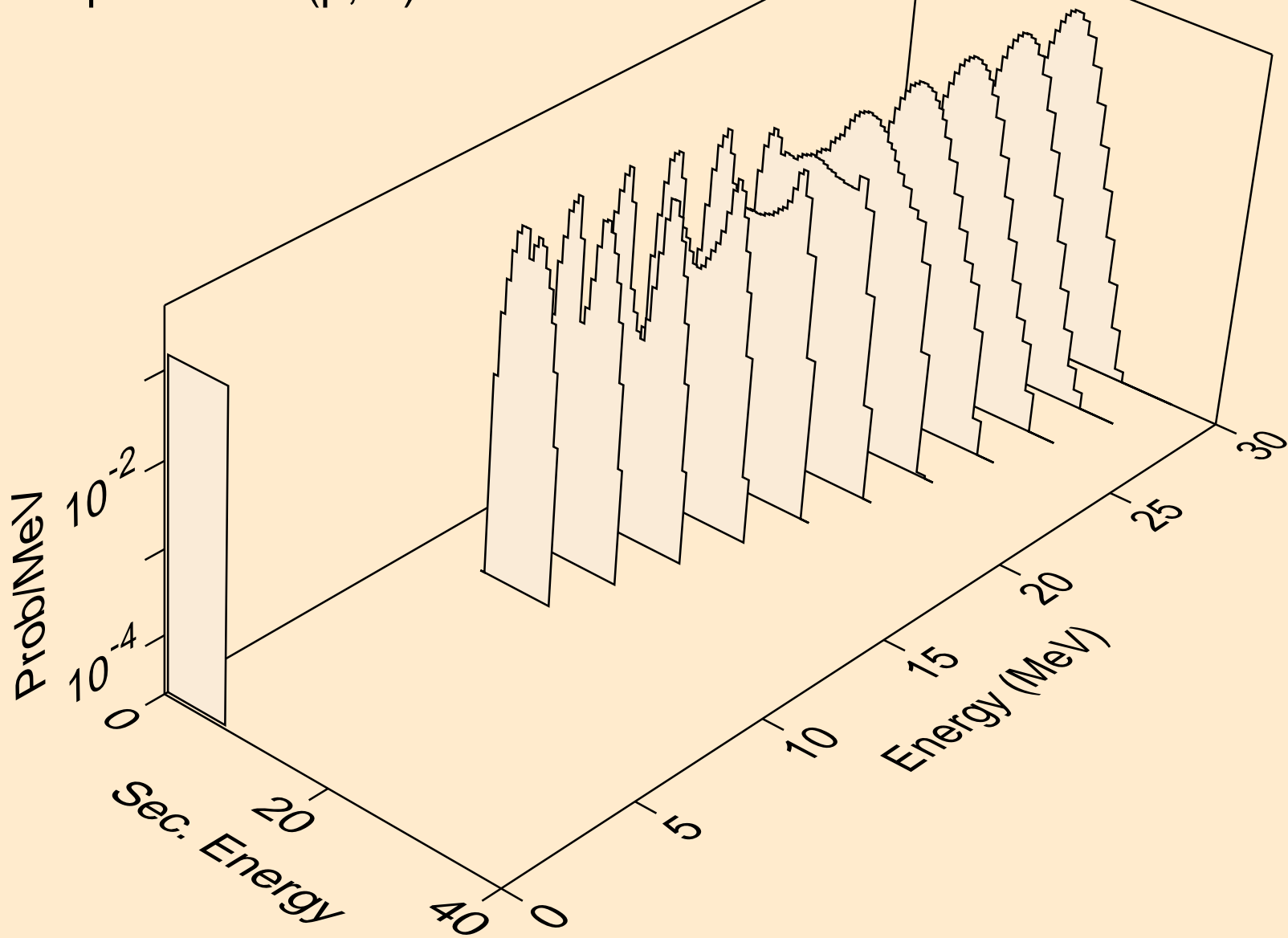
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2n)a



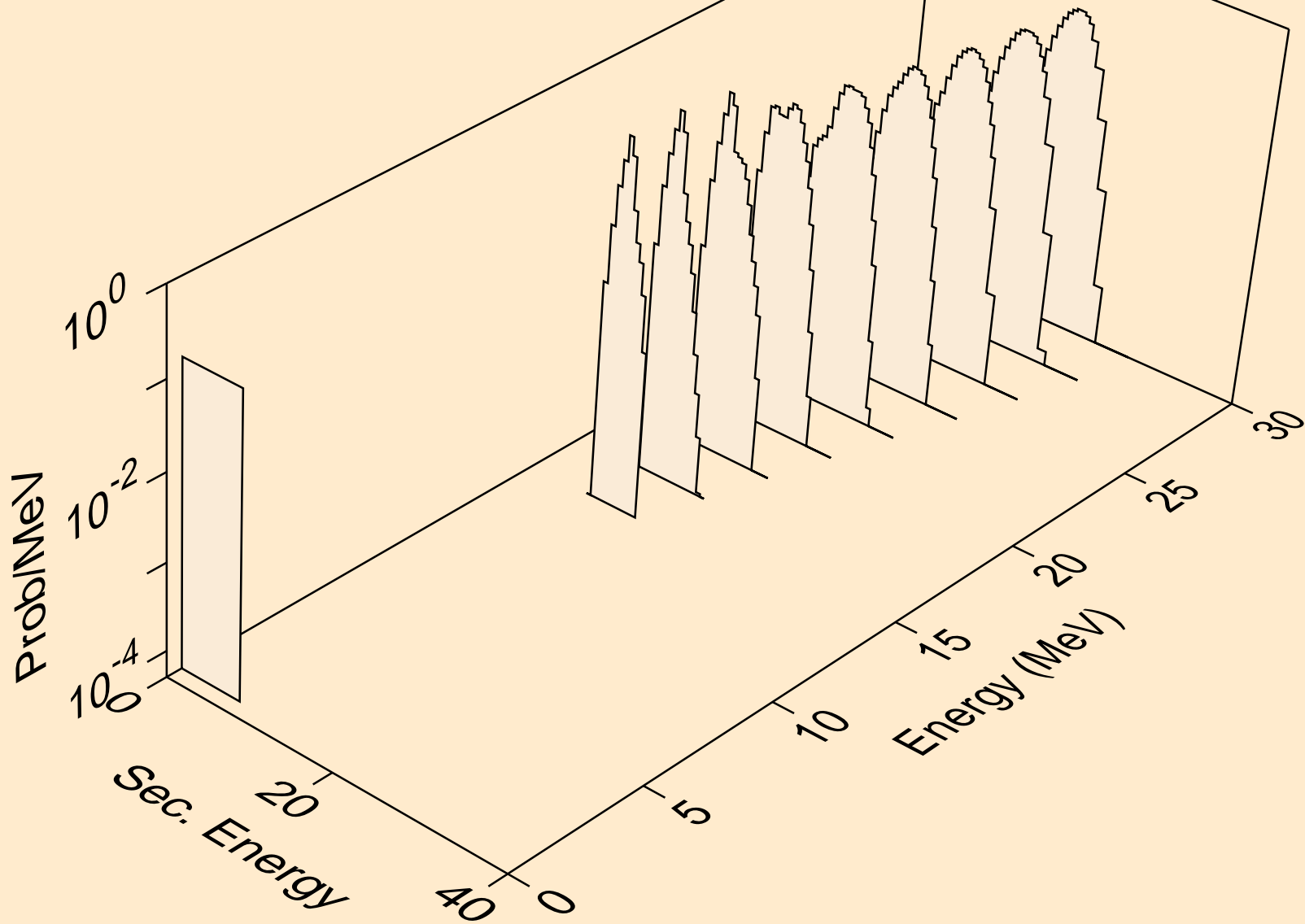
FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,3n)a



FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)2a



FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,npa)



FR228 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,a)

