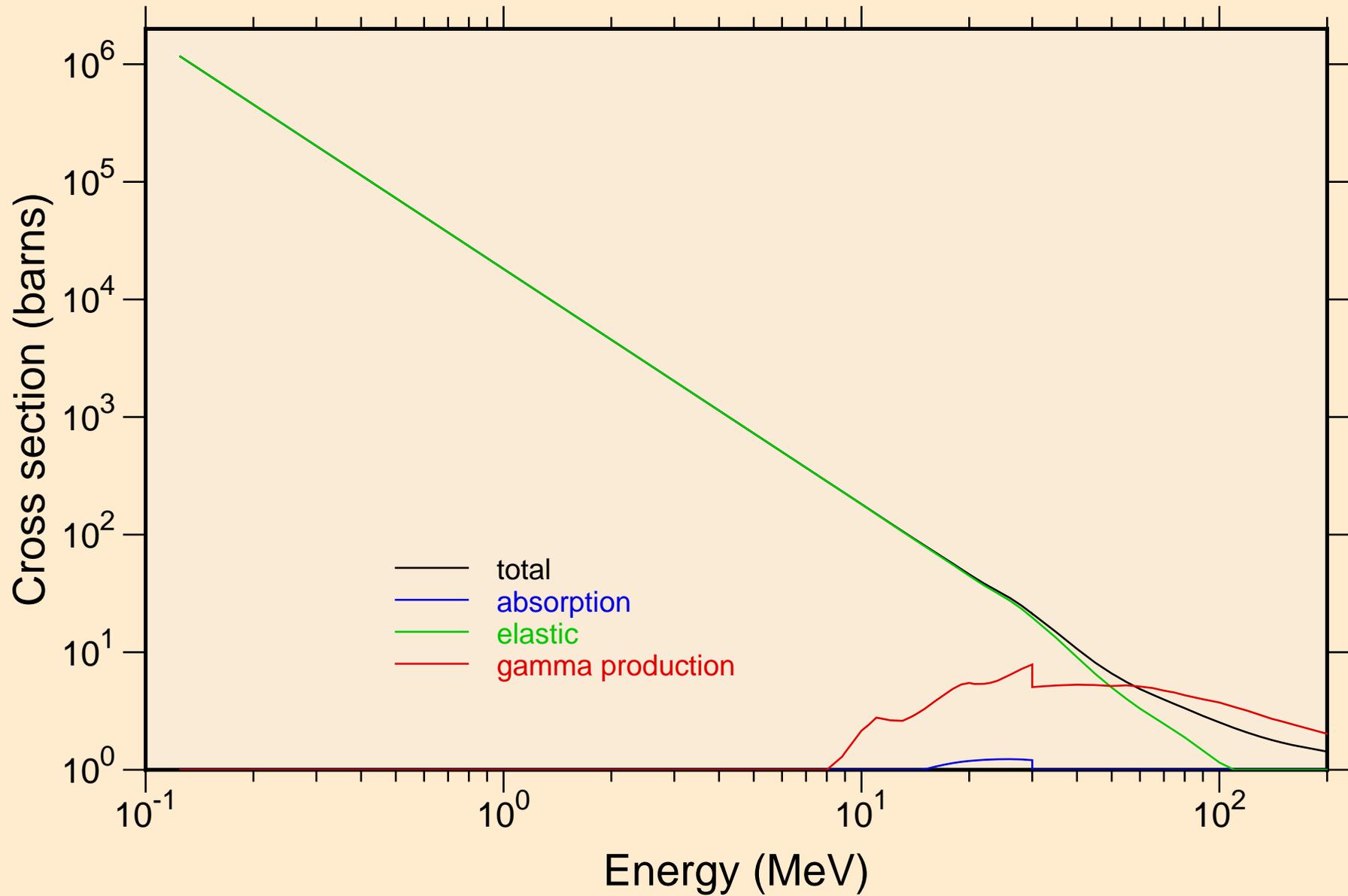
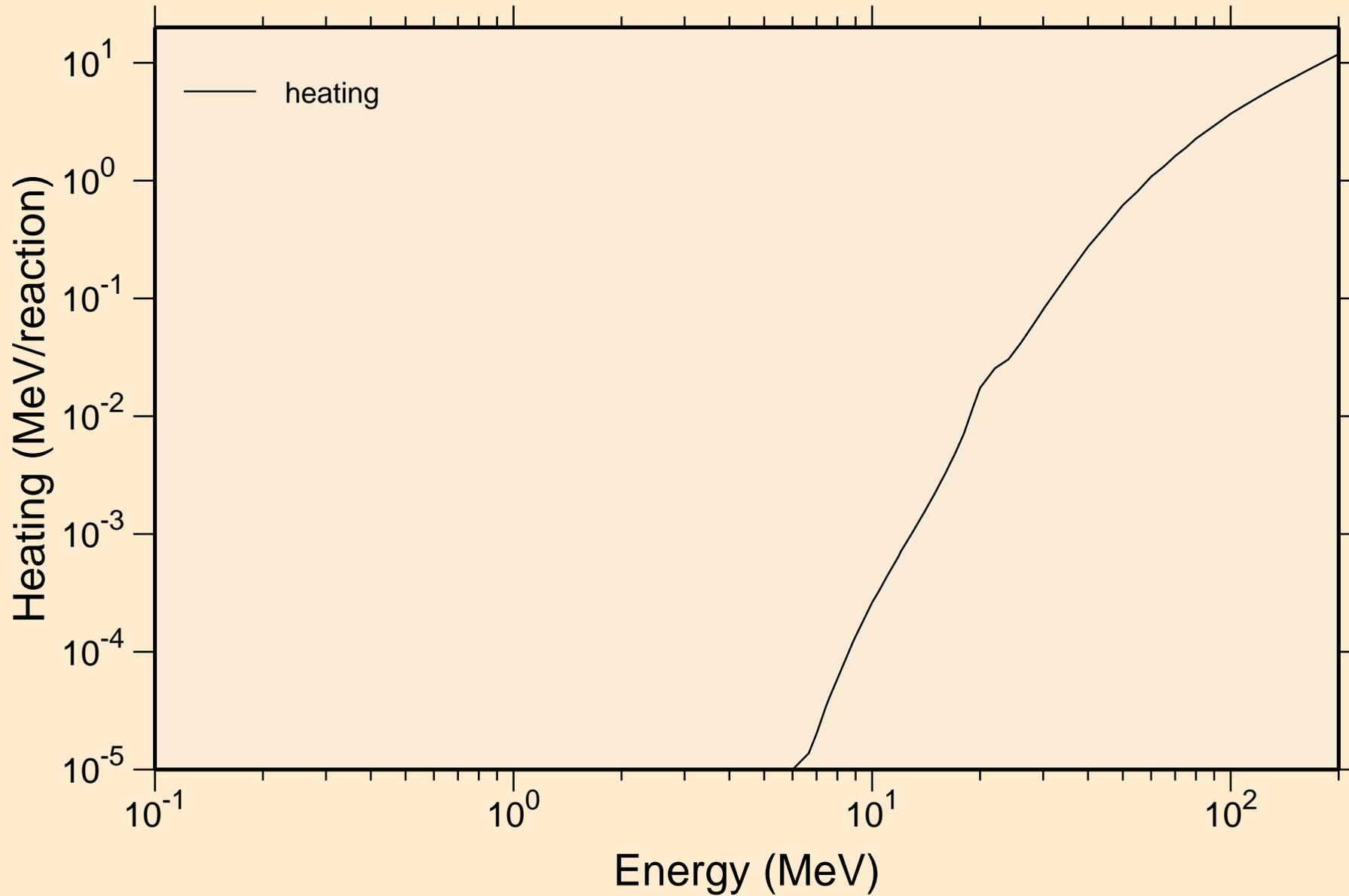


XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Principal cross sections



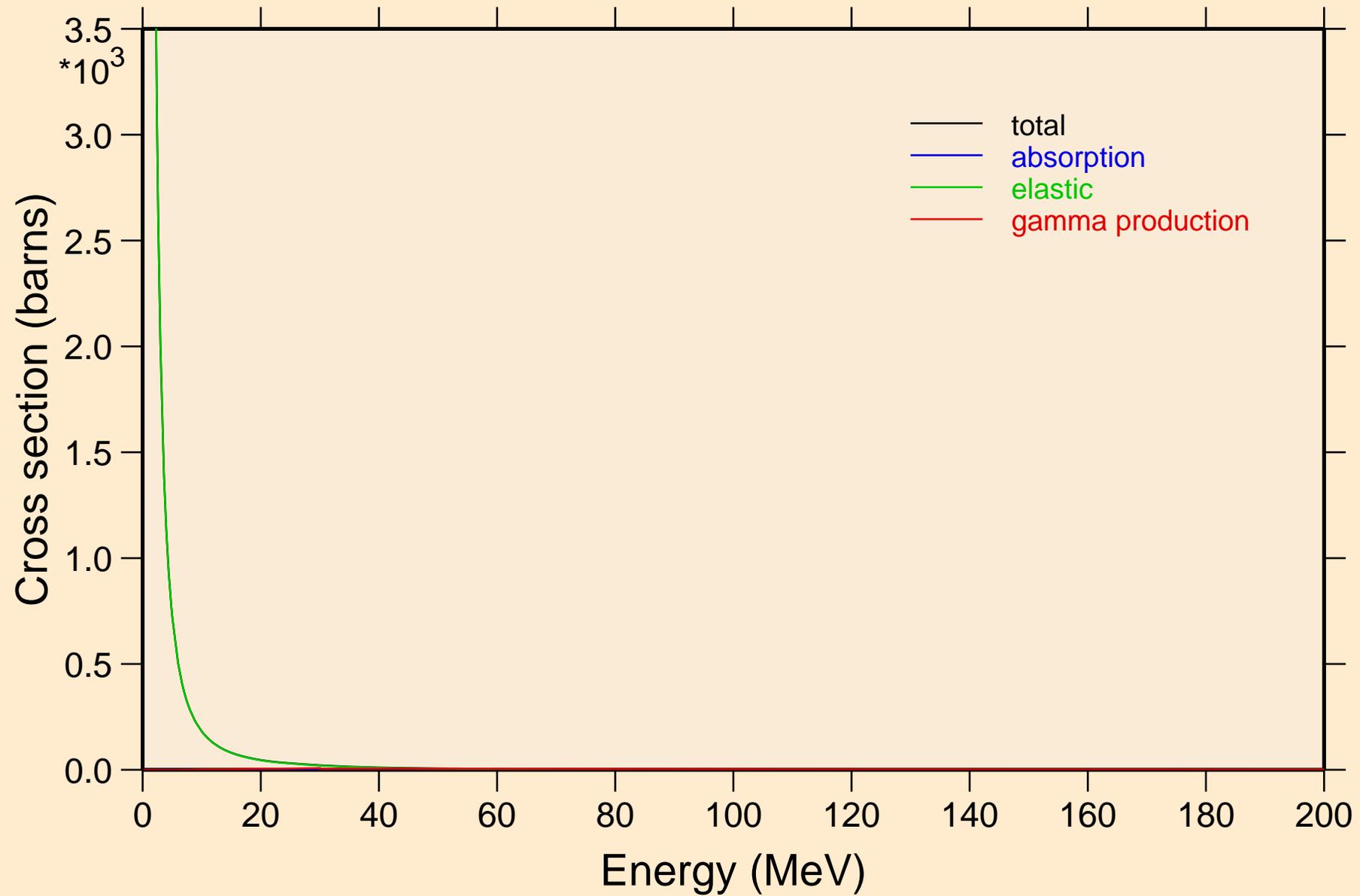
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Heating



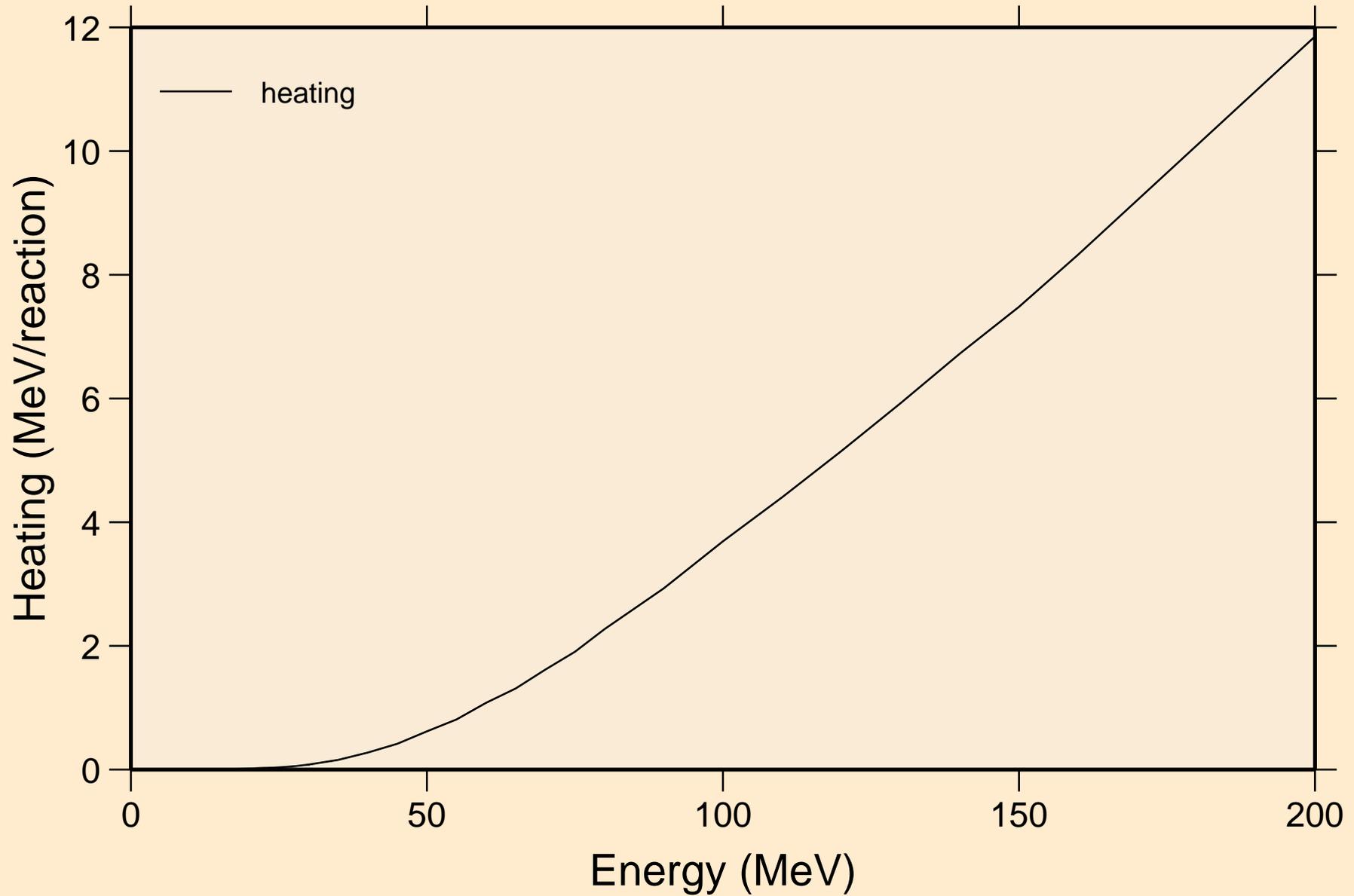
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



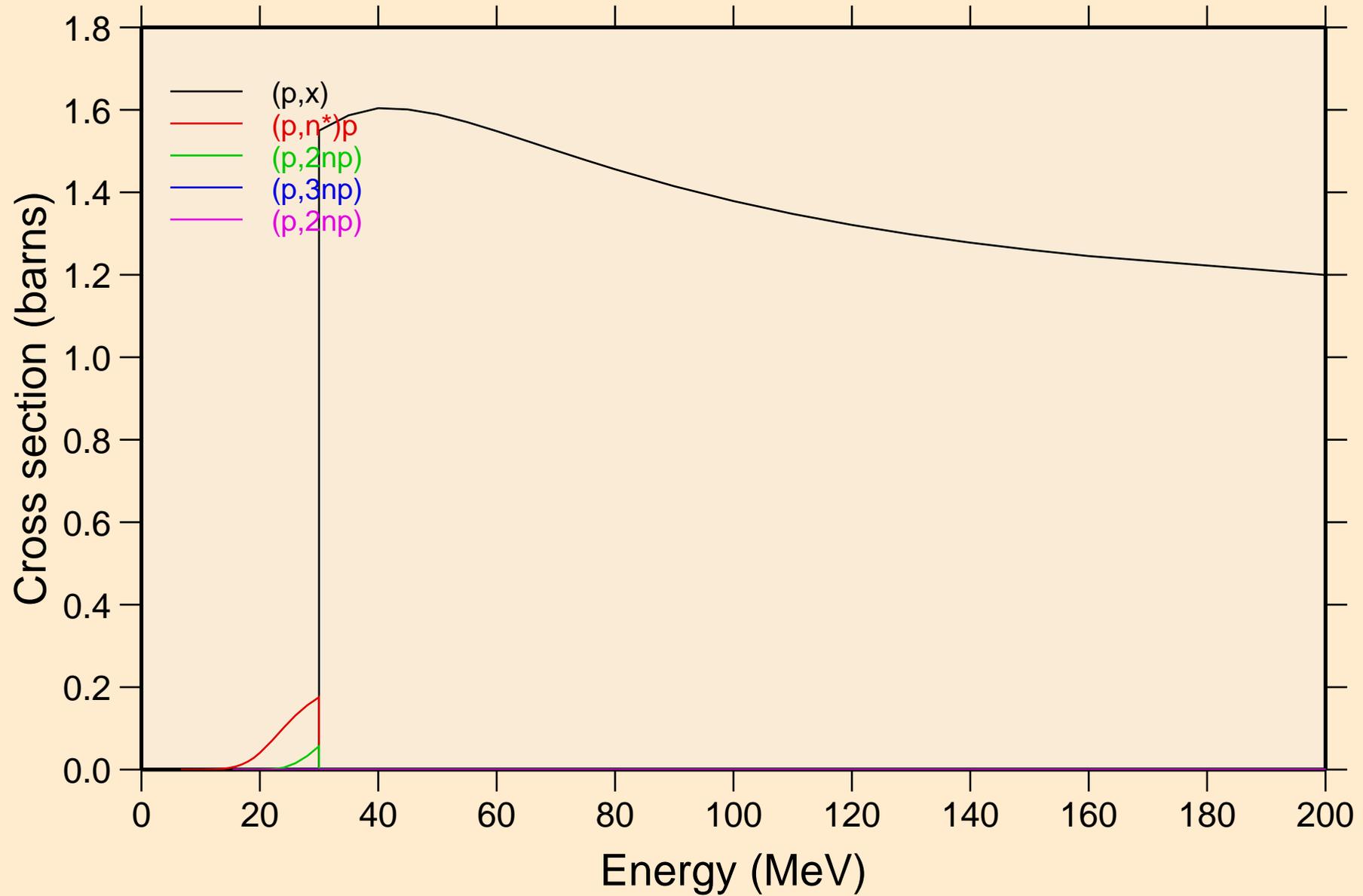
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Heating

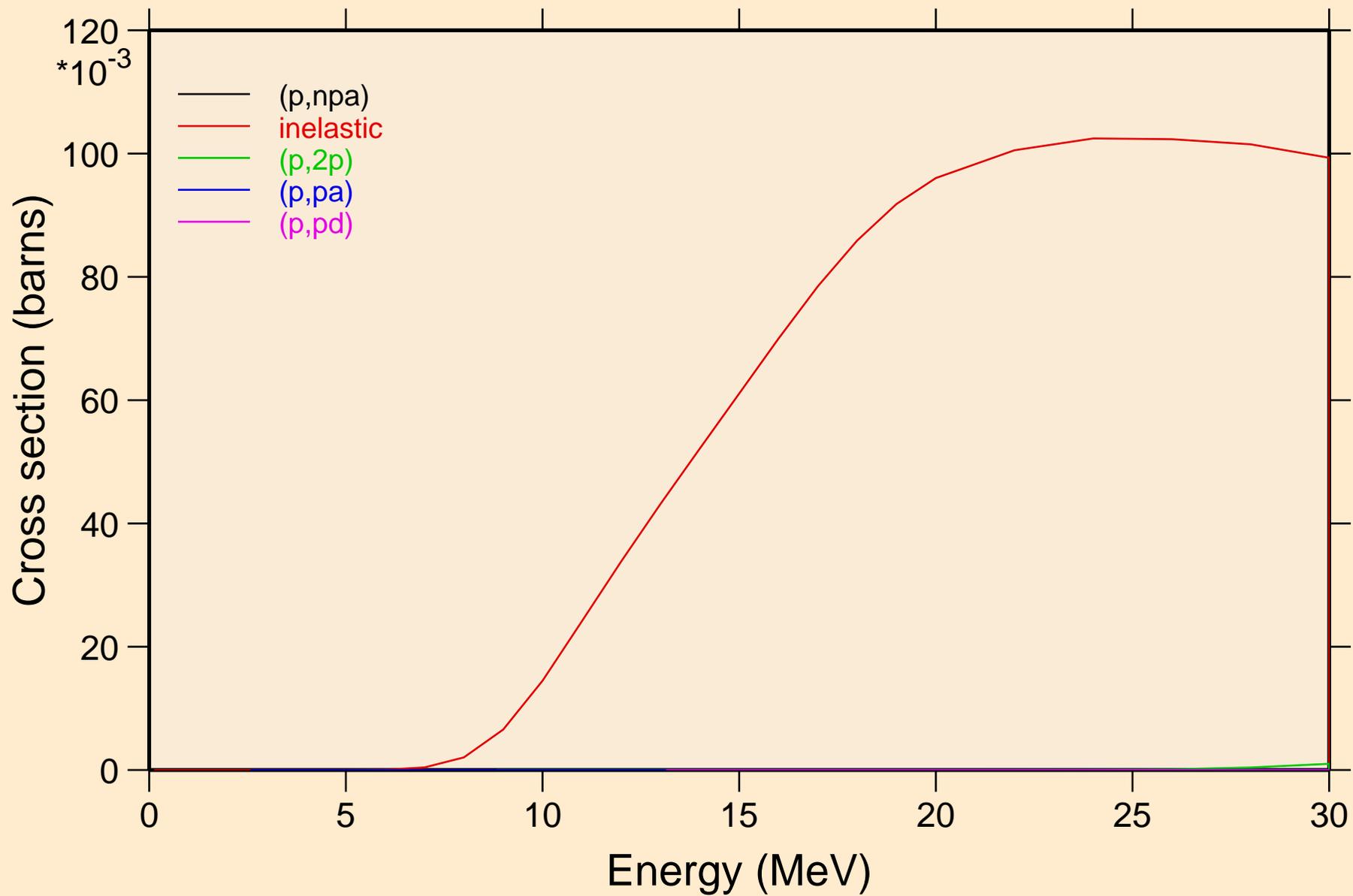


XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K

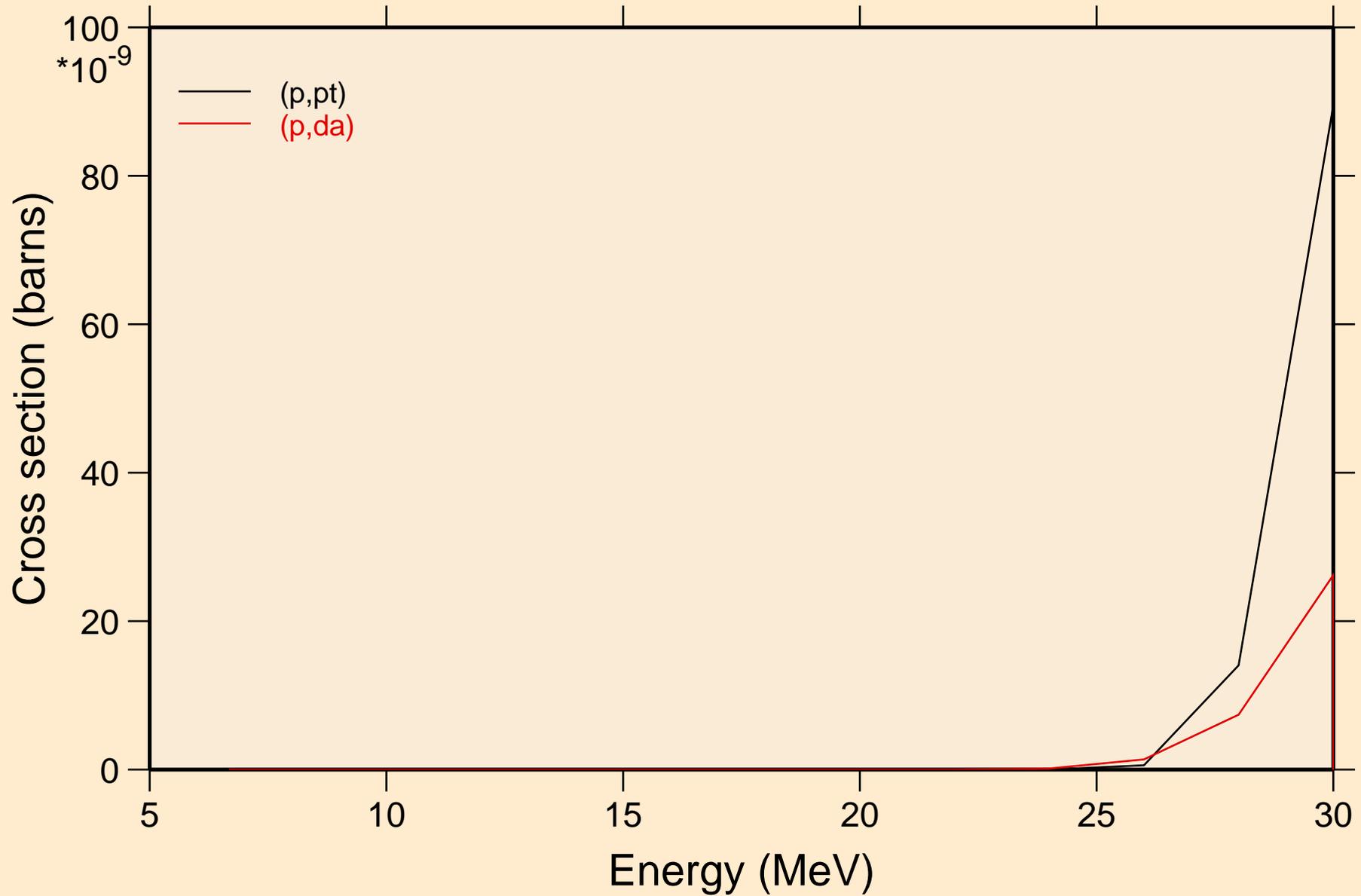
Threshold reactions



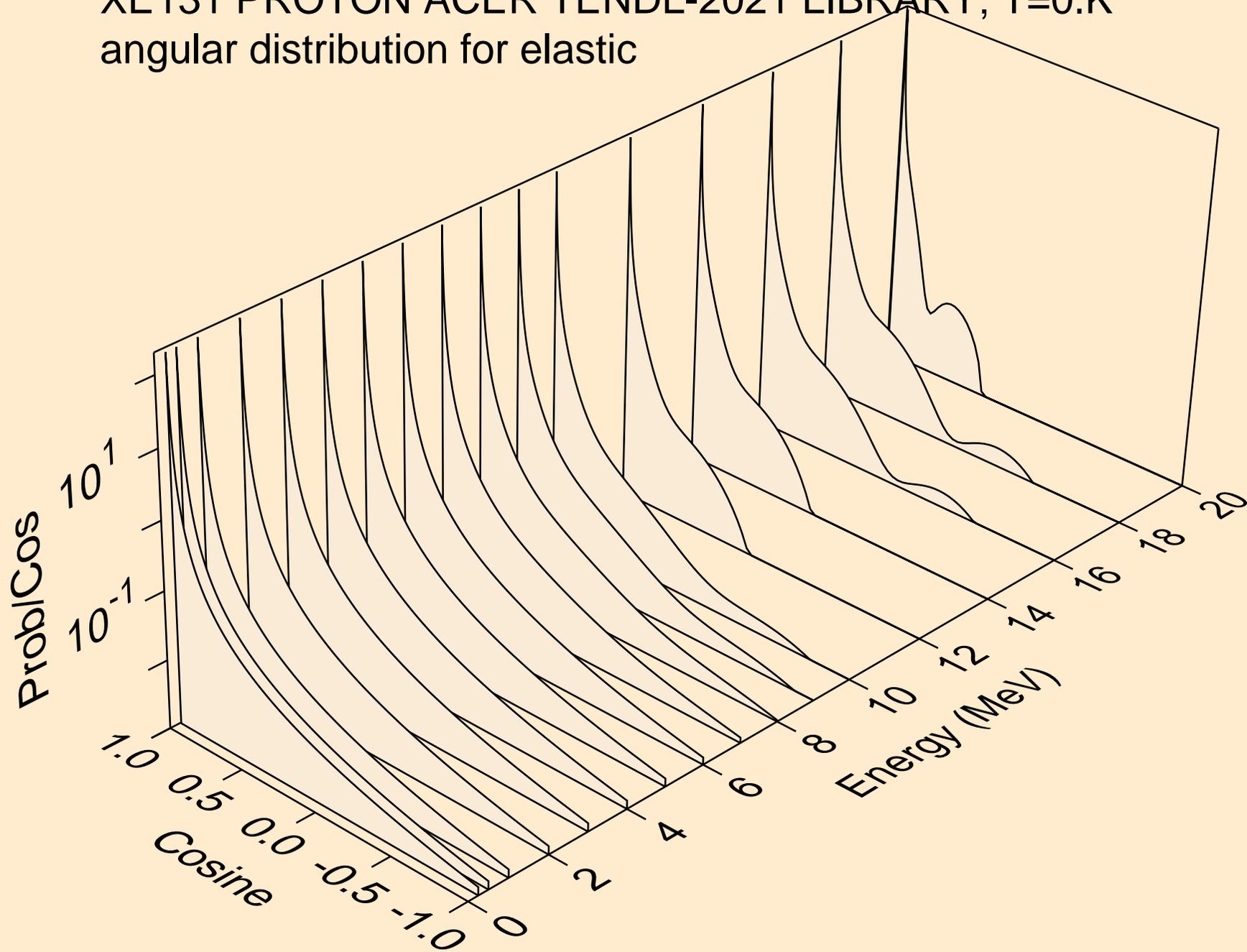
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions



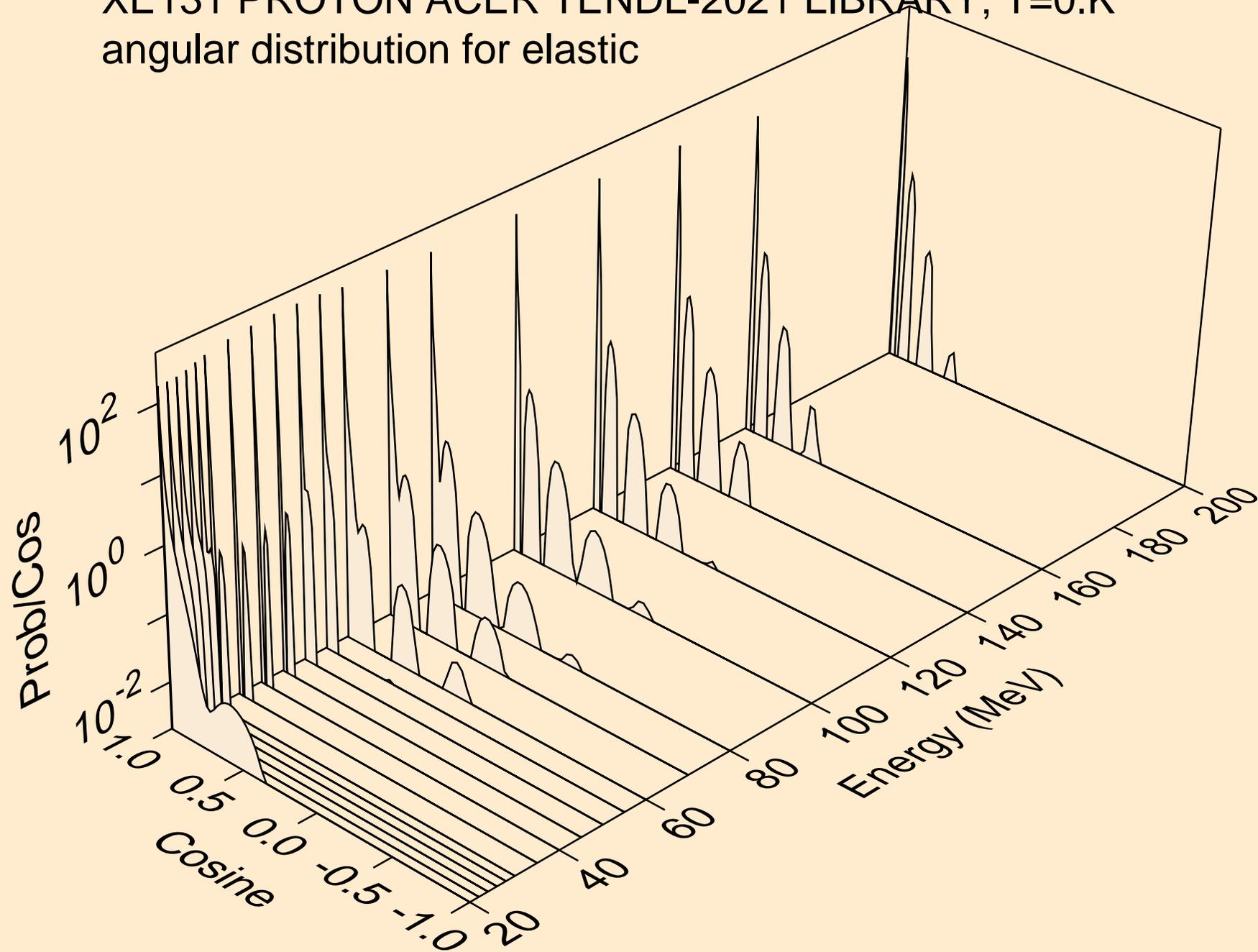
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions



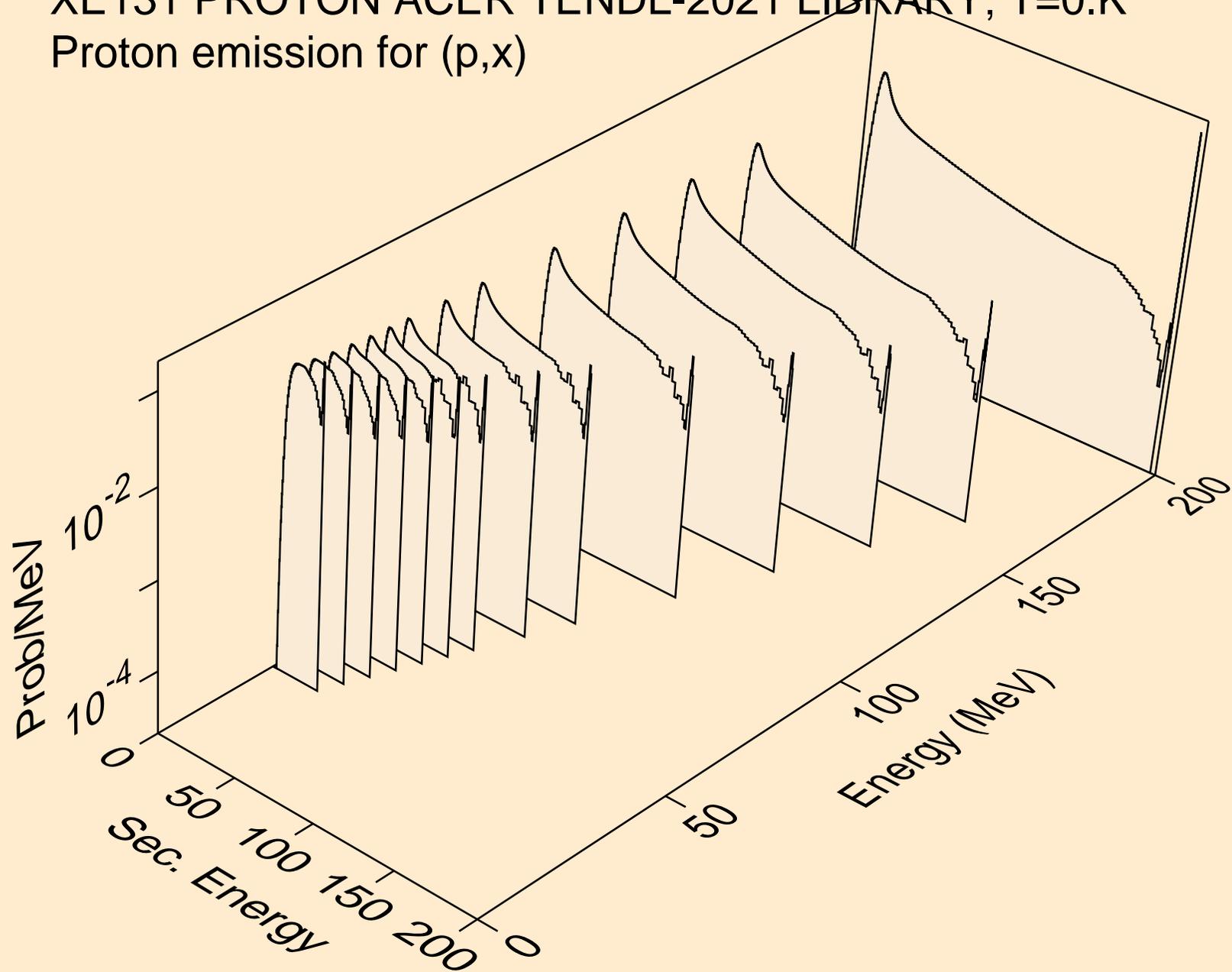
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic



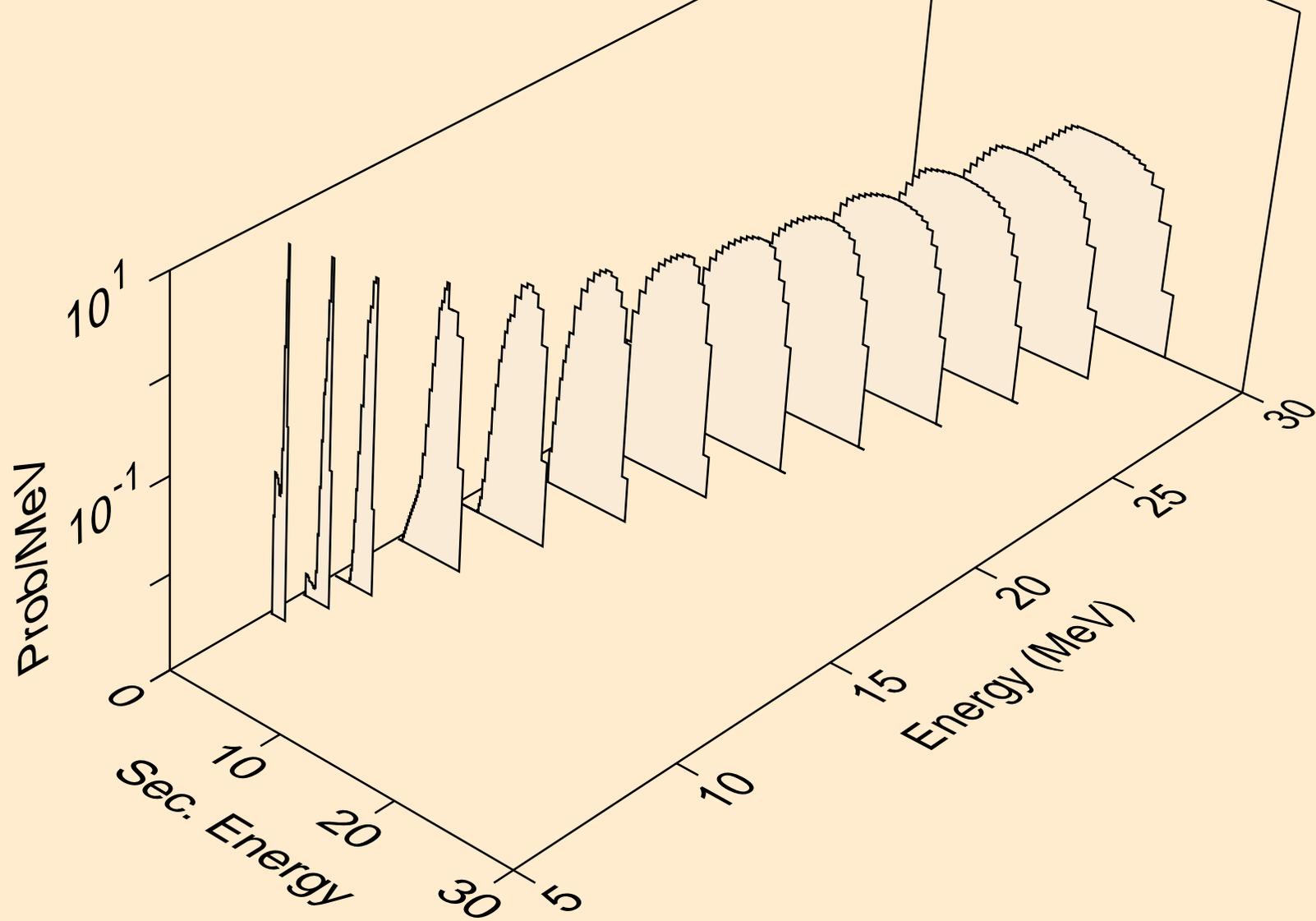
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic



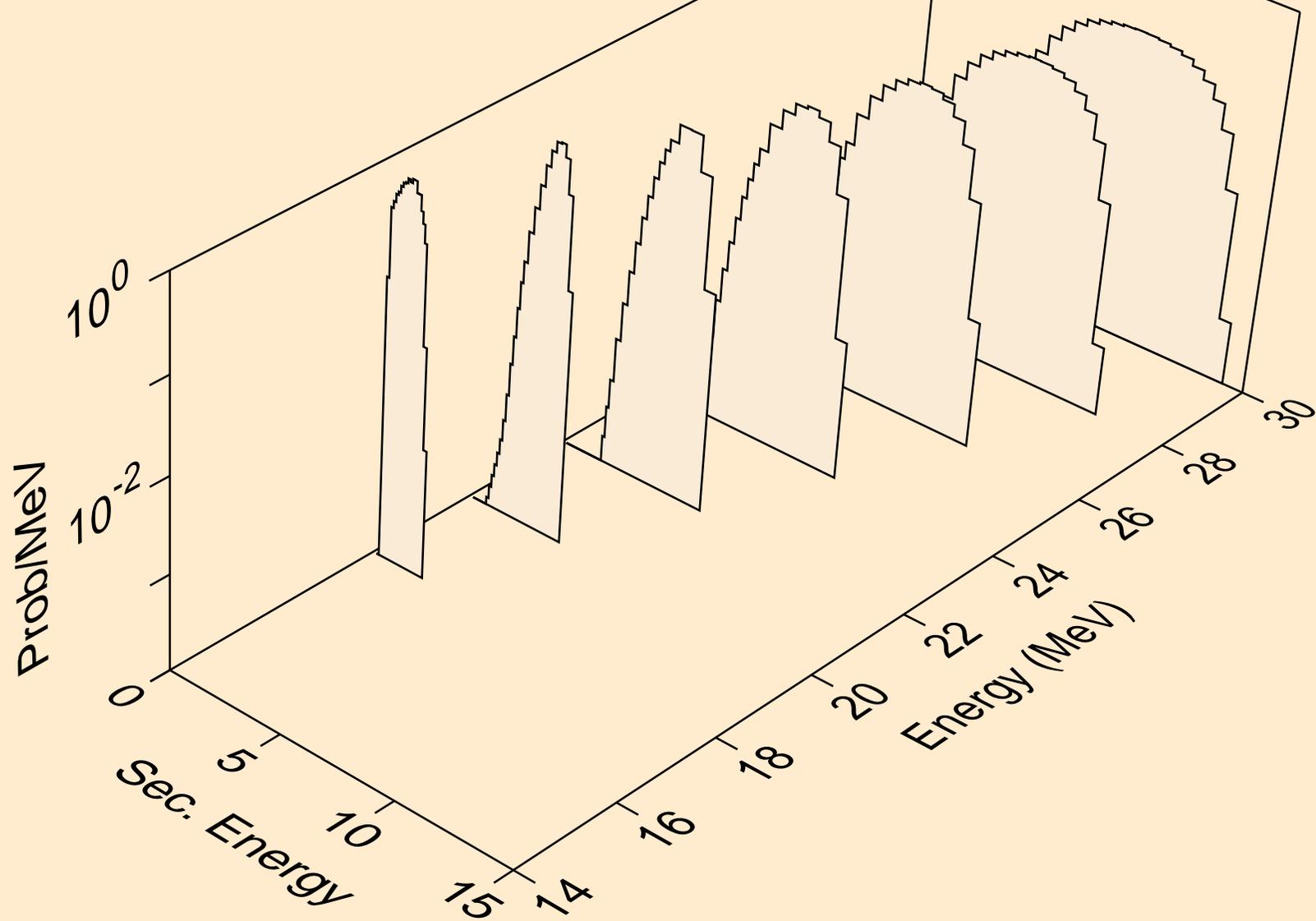
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,x)



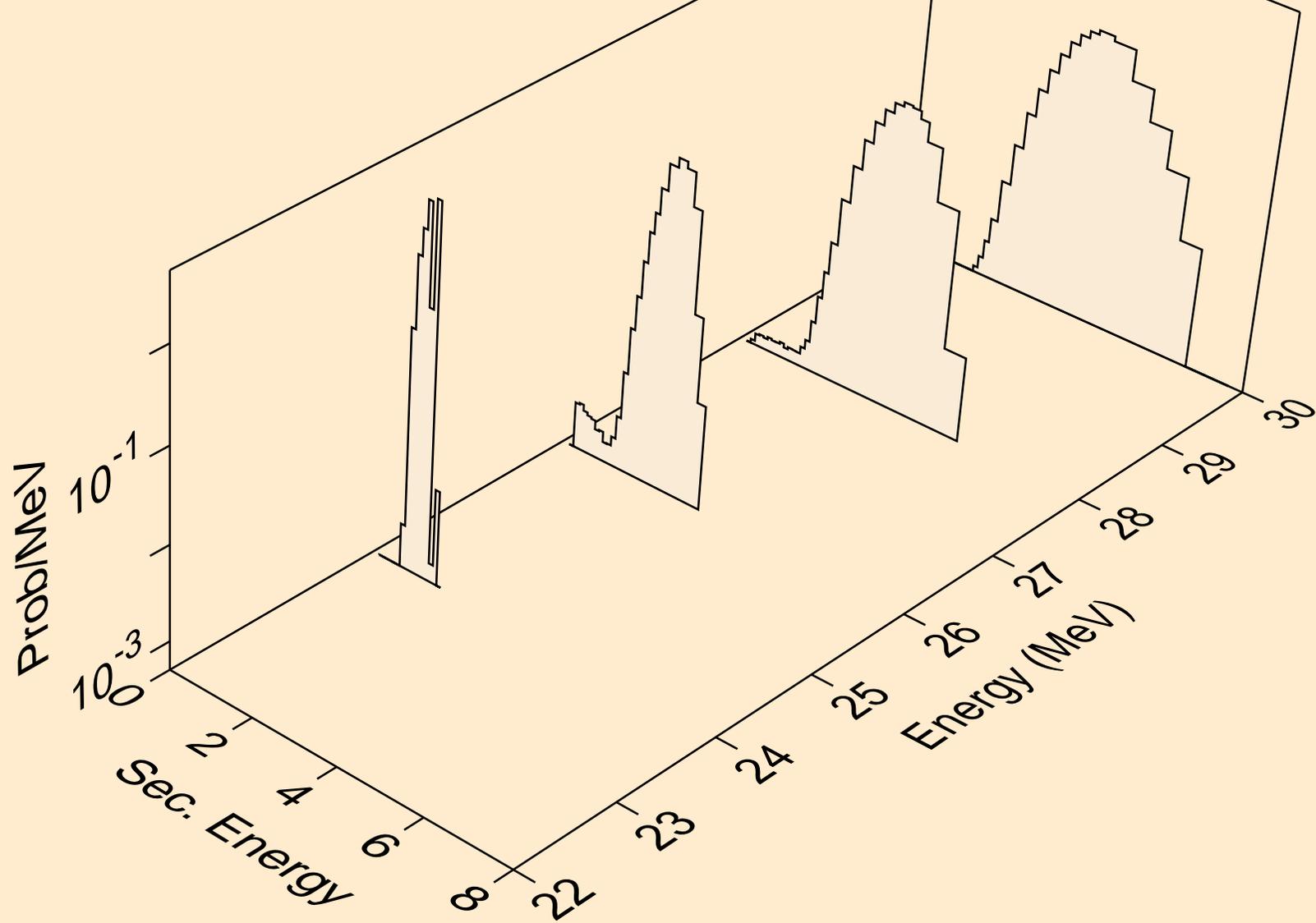
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,n*)p



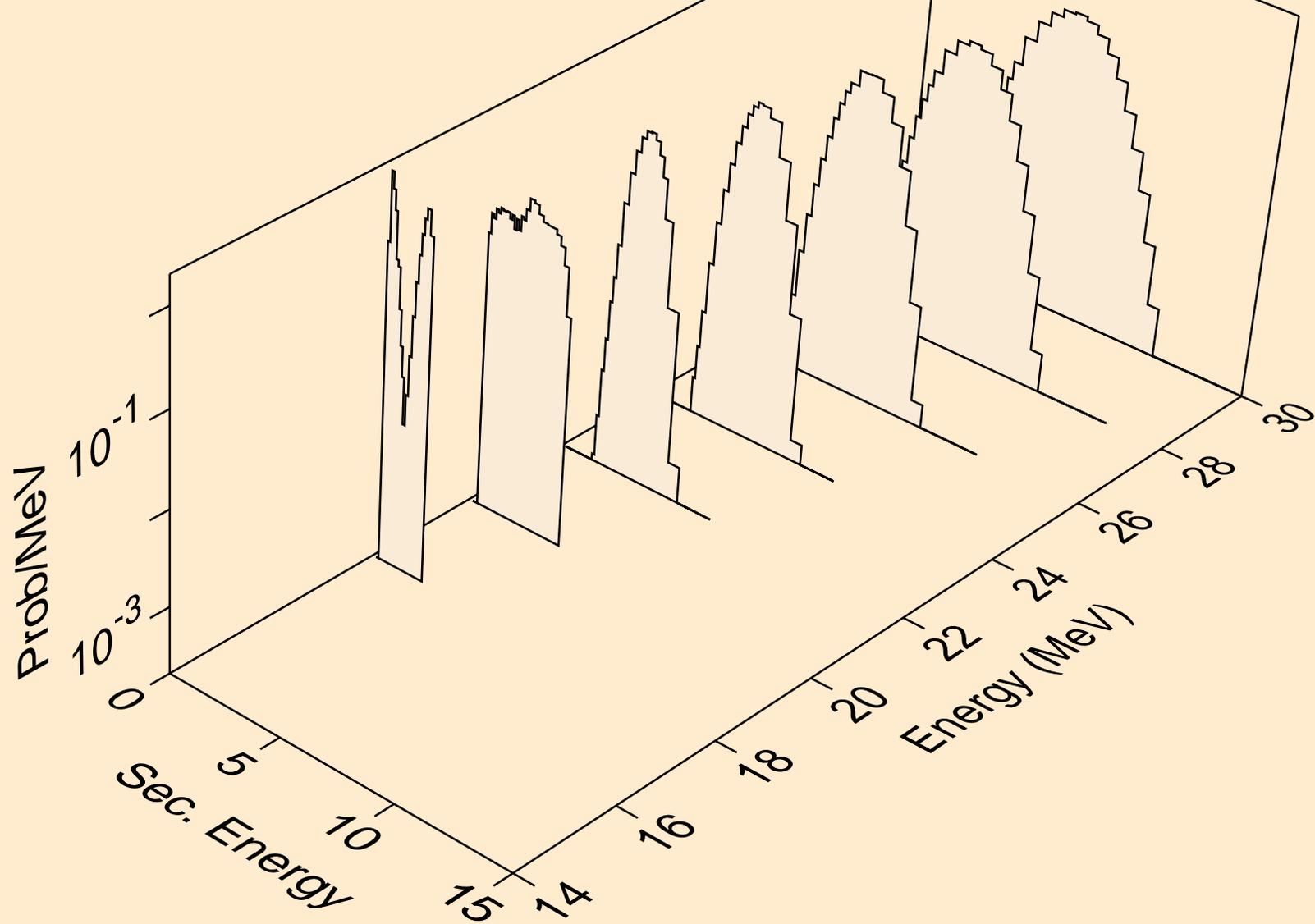
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,2np)



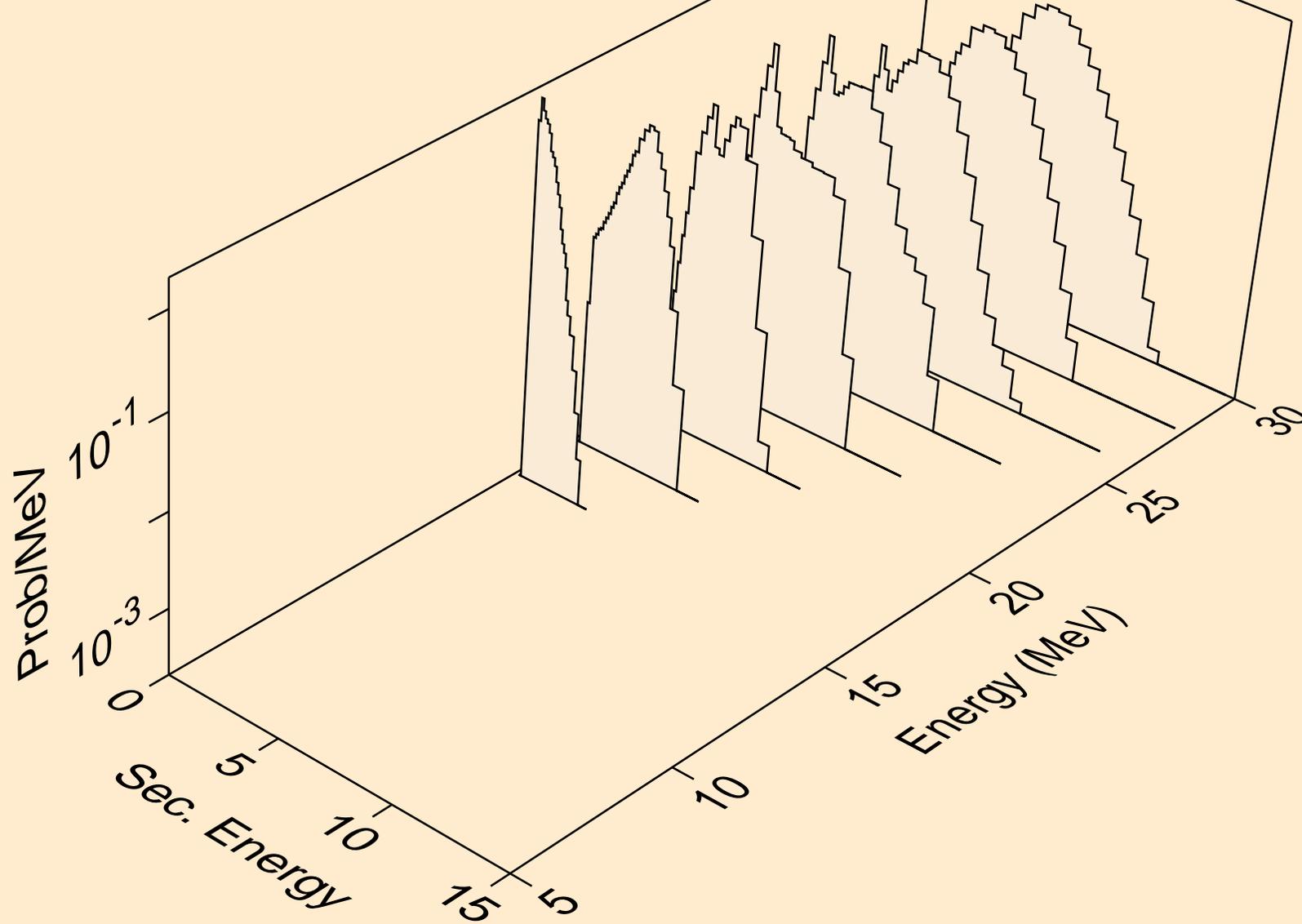
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,3np)



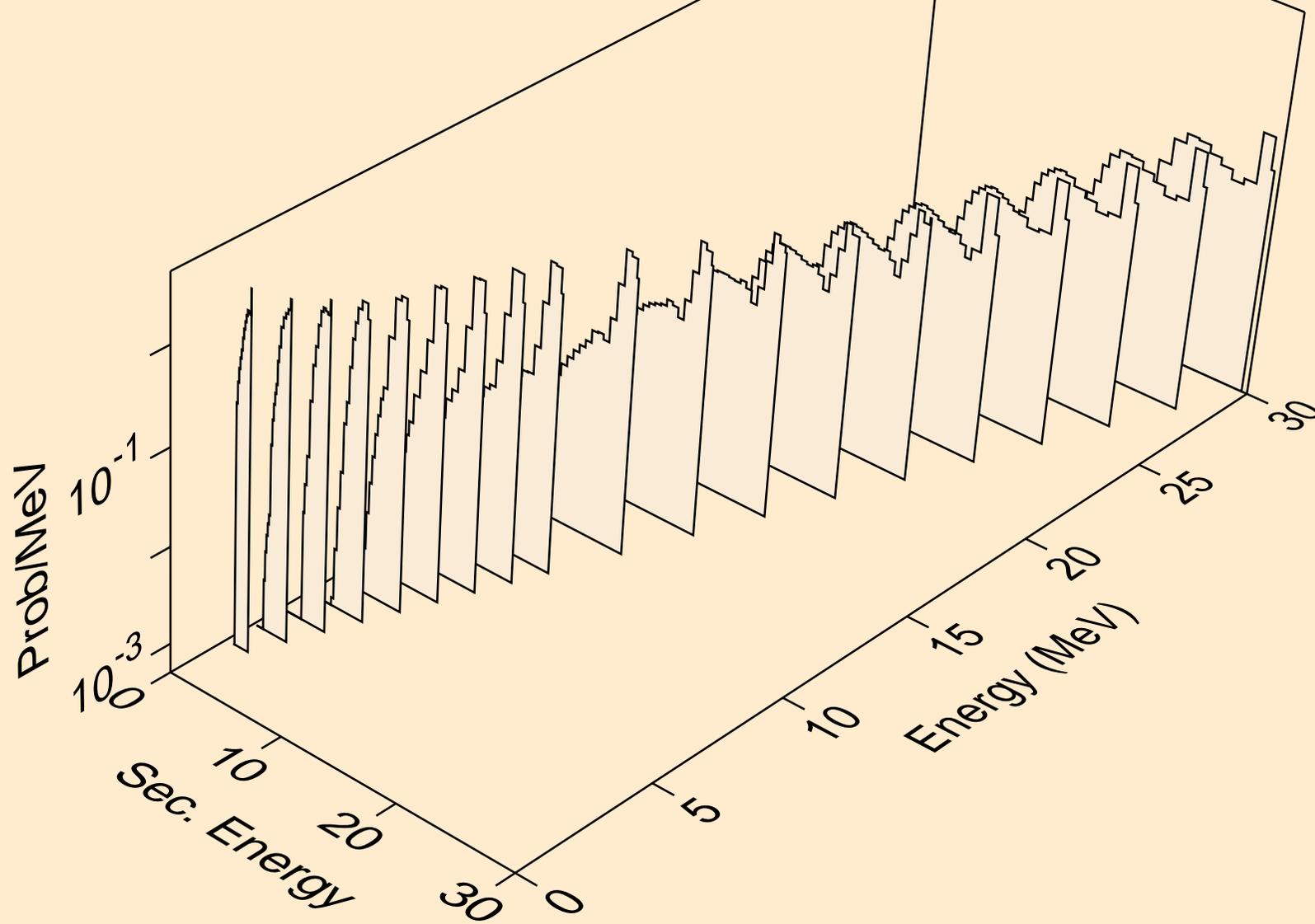
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,2np)



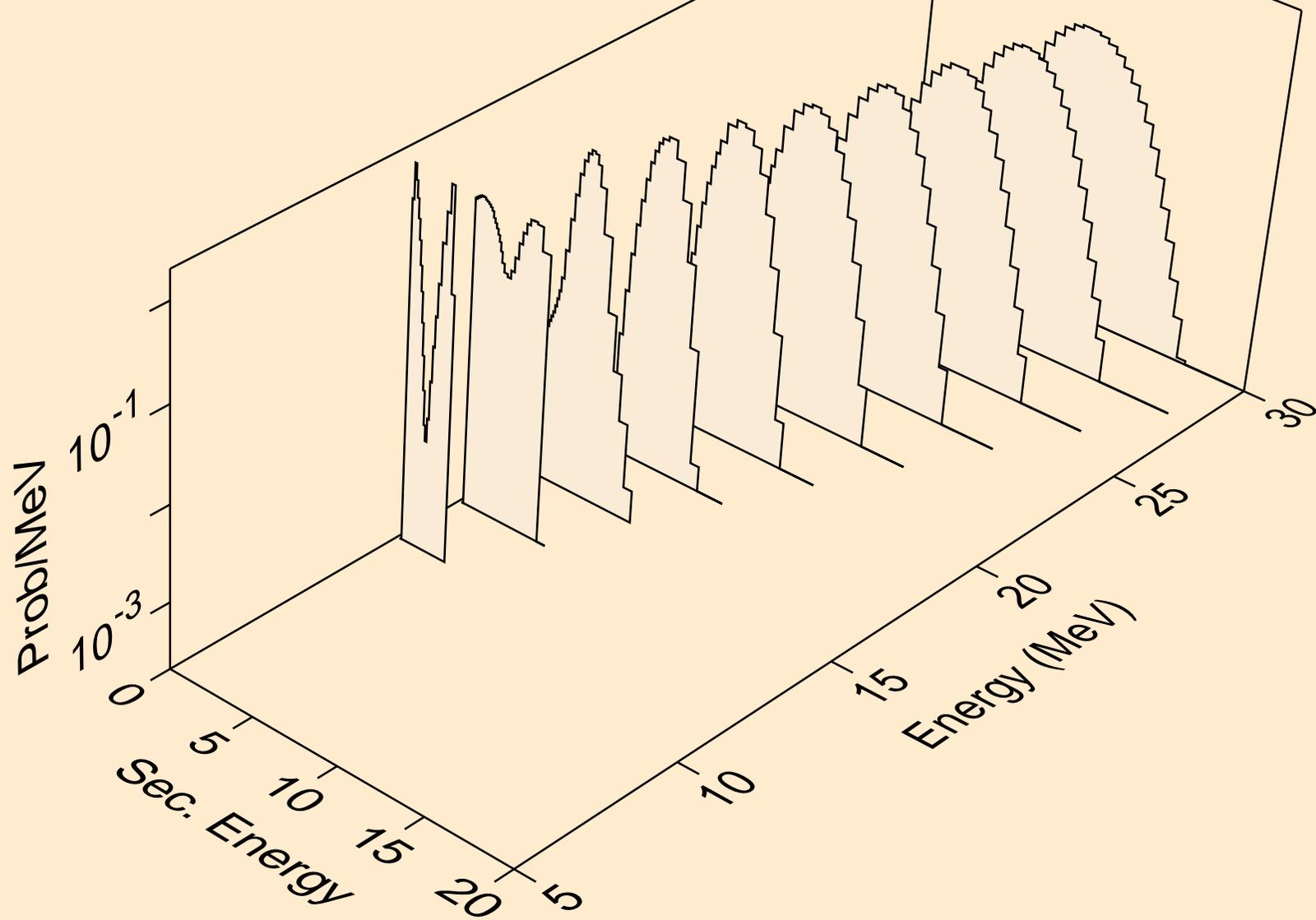
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,npa)



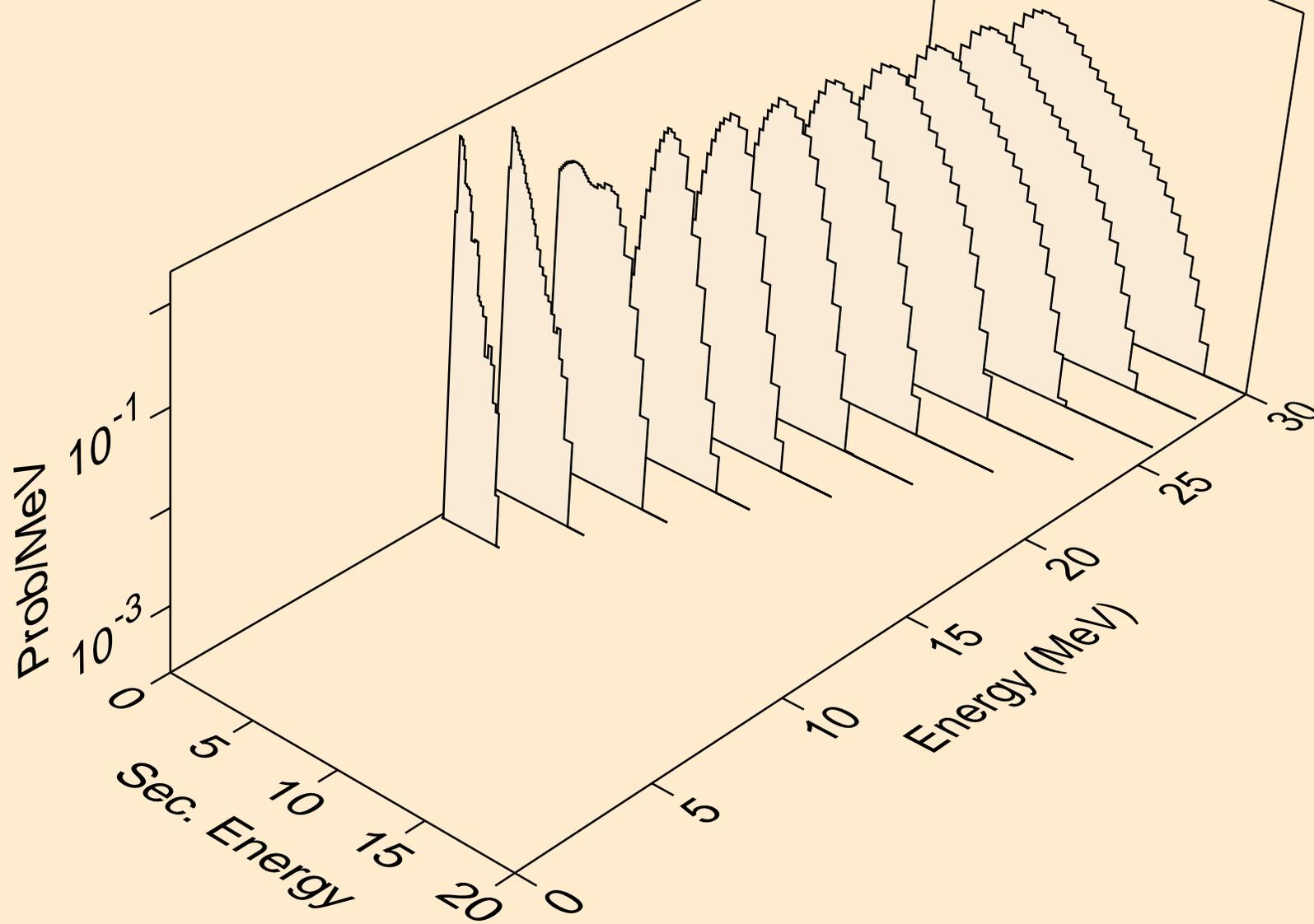
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for inelastic



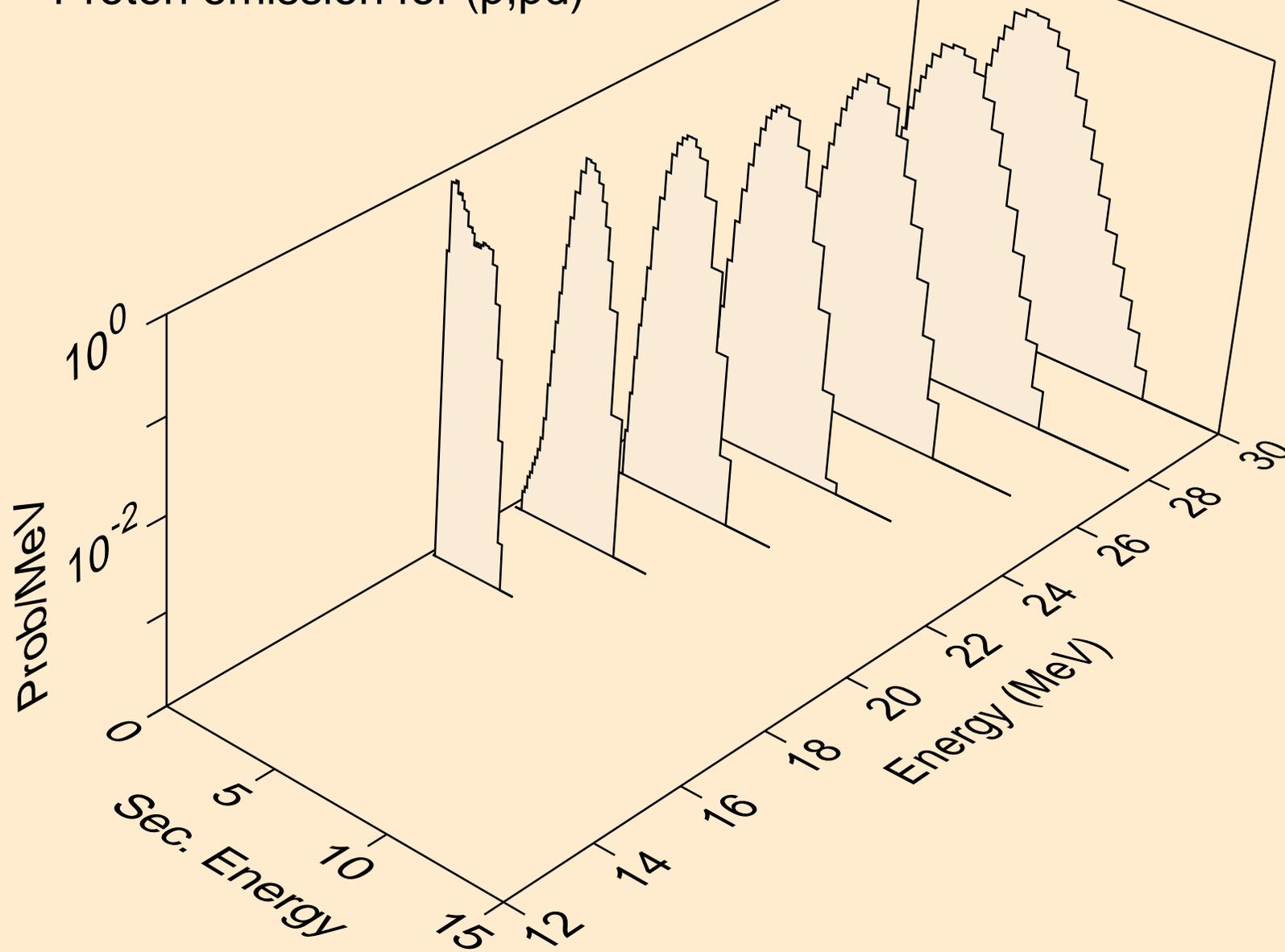
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,2p)



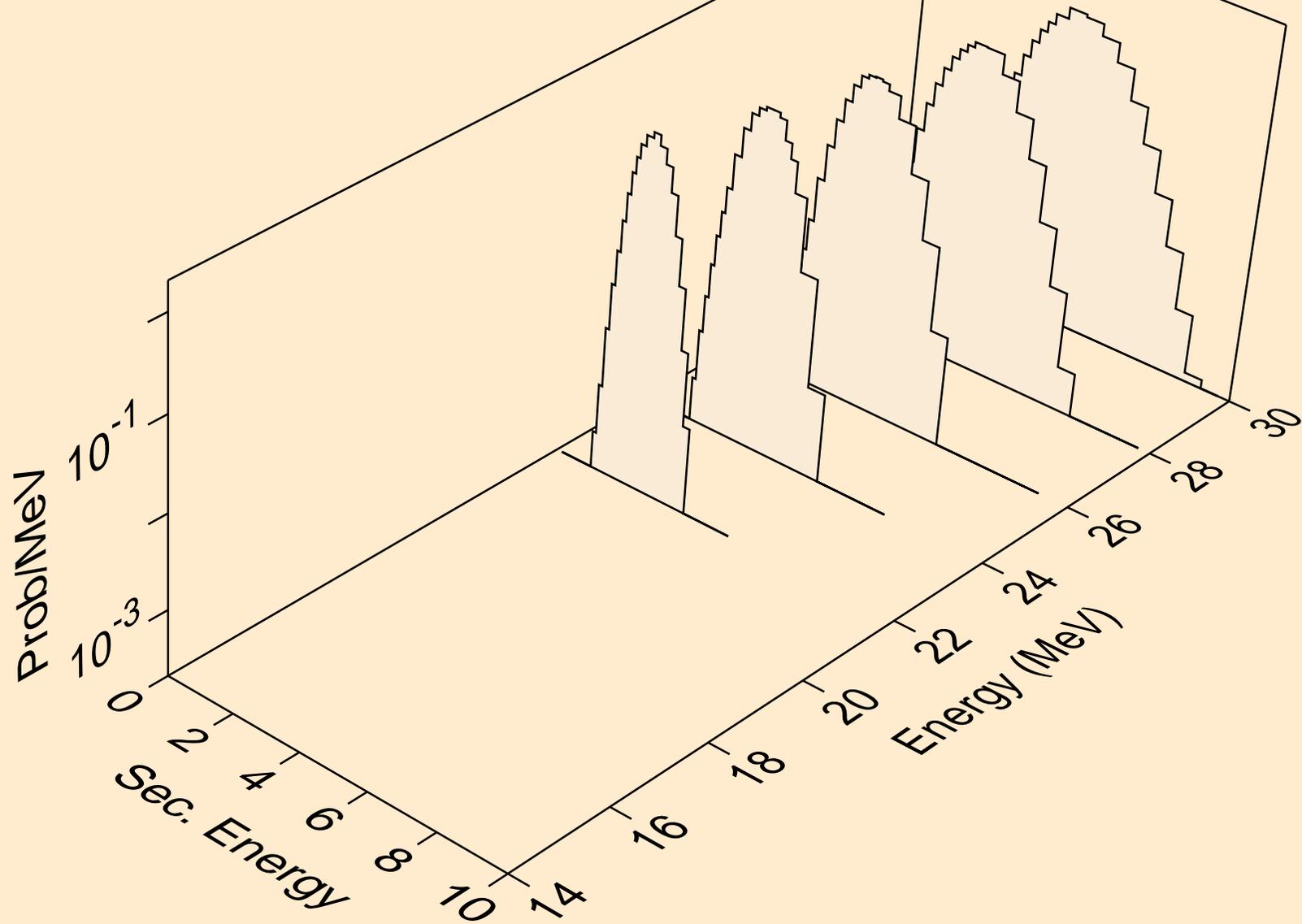
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,pa)



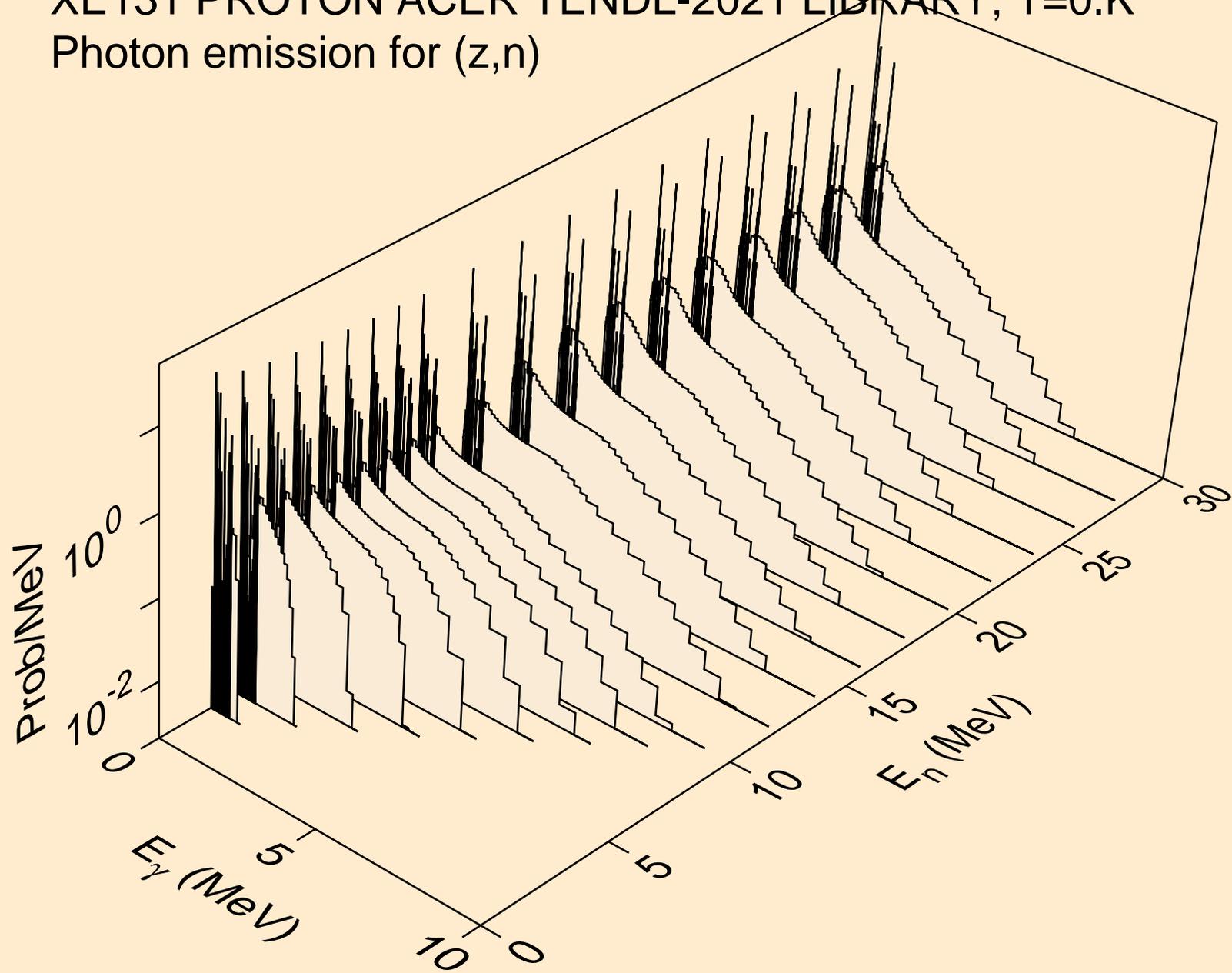
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,pd)



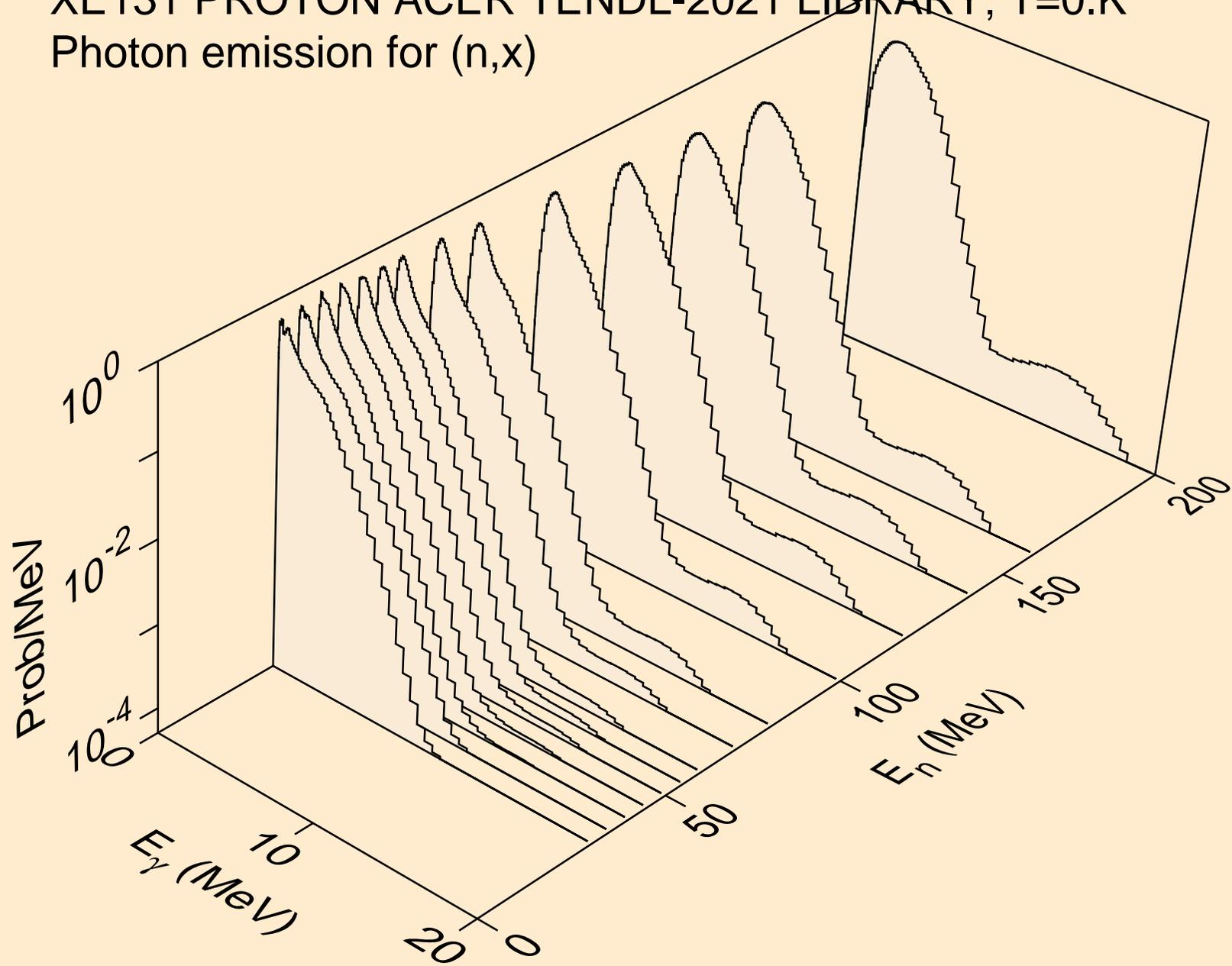
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,pt)



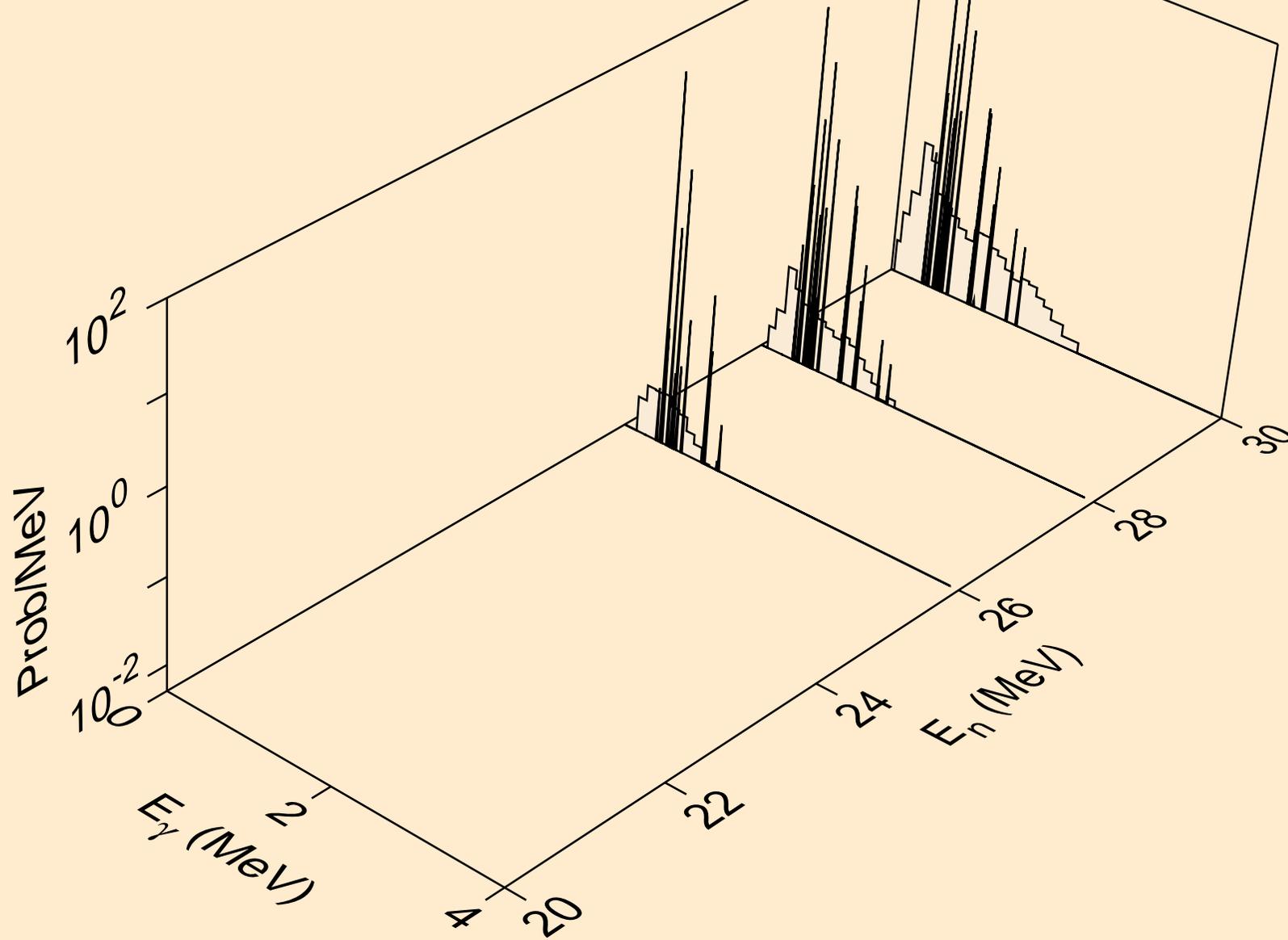
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (z,n)



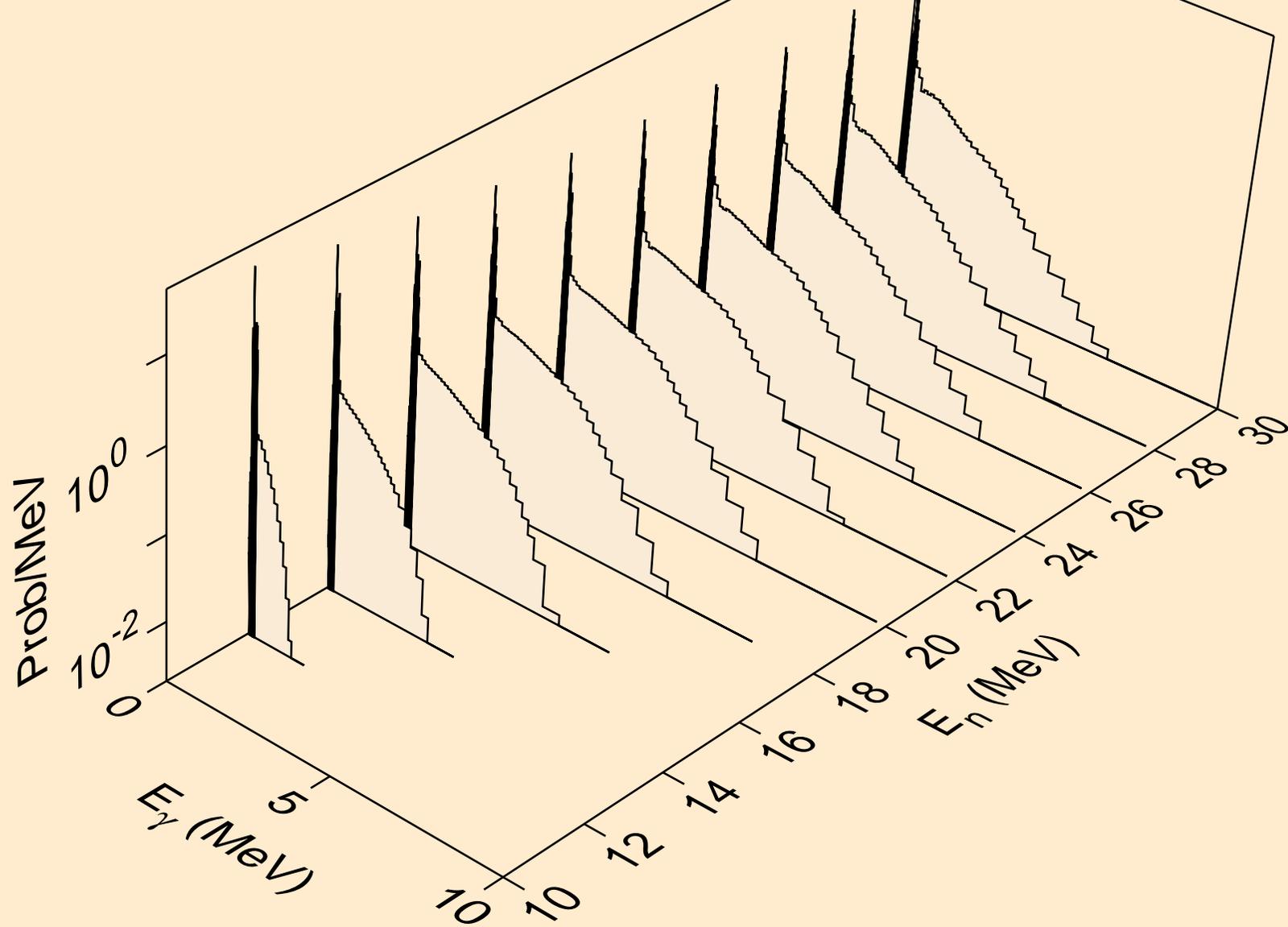
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,x)



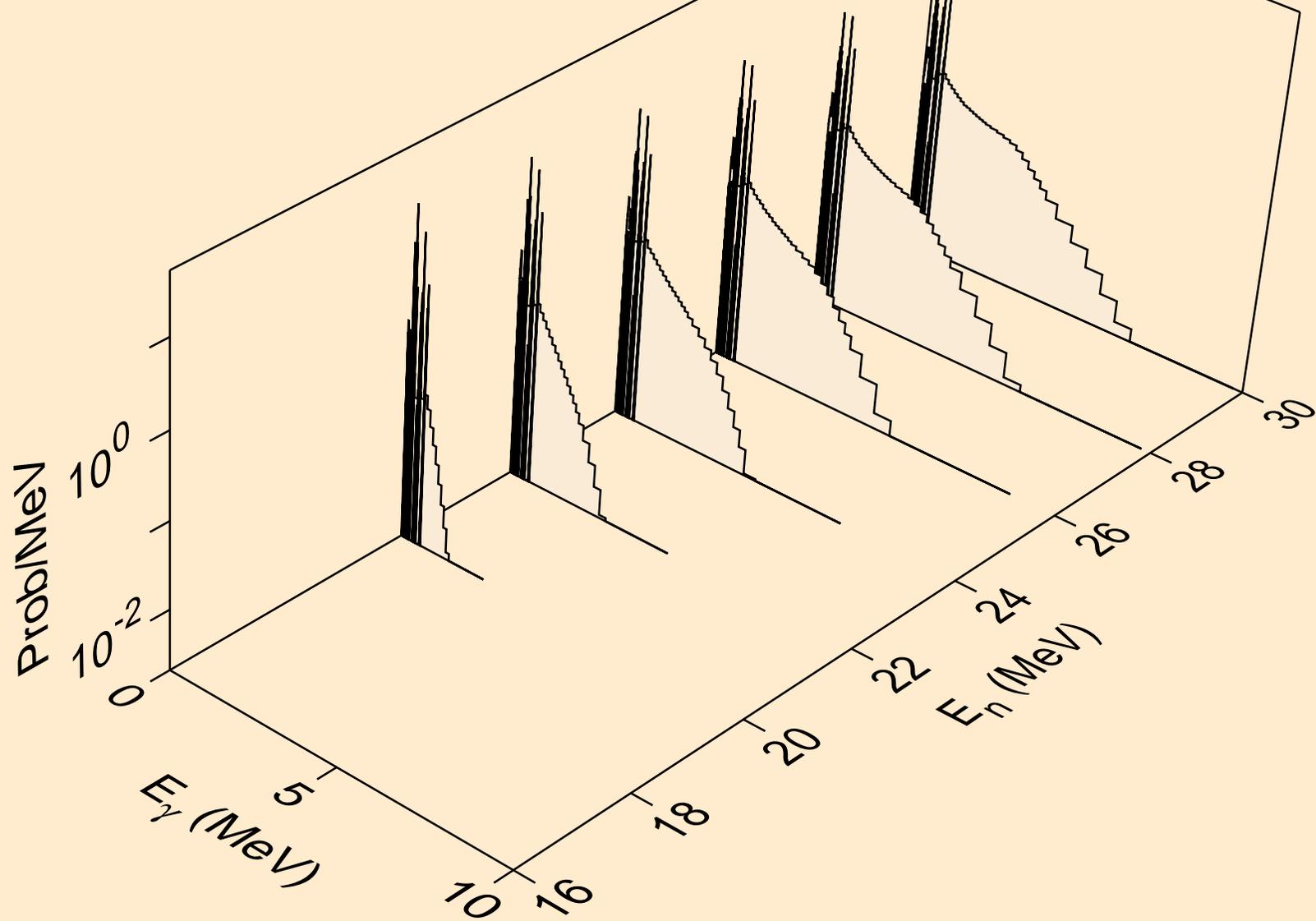
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2nd)



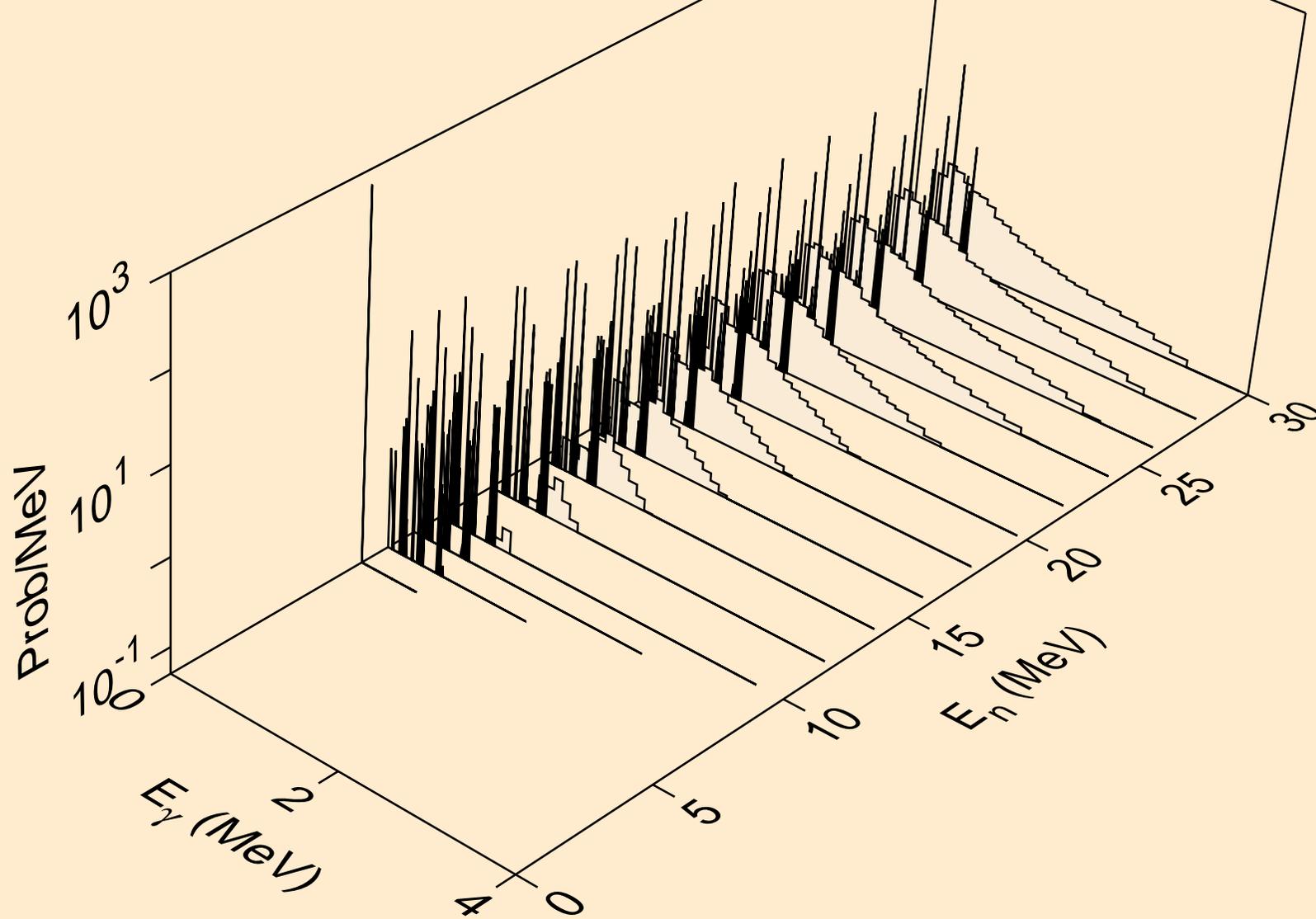
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)



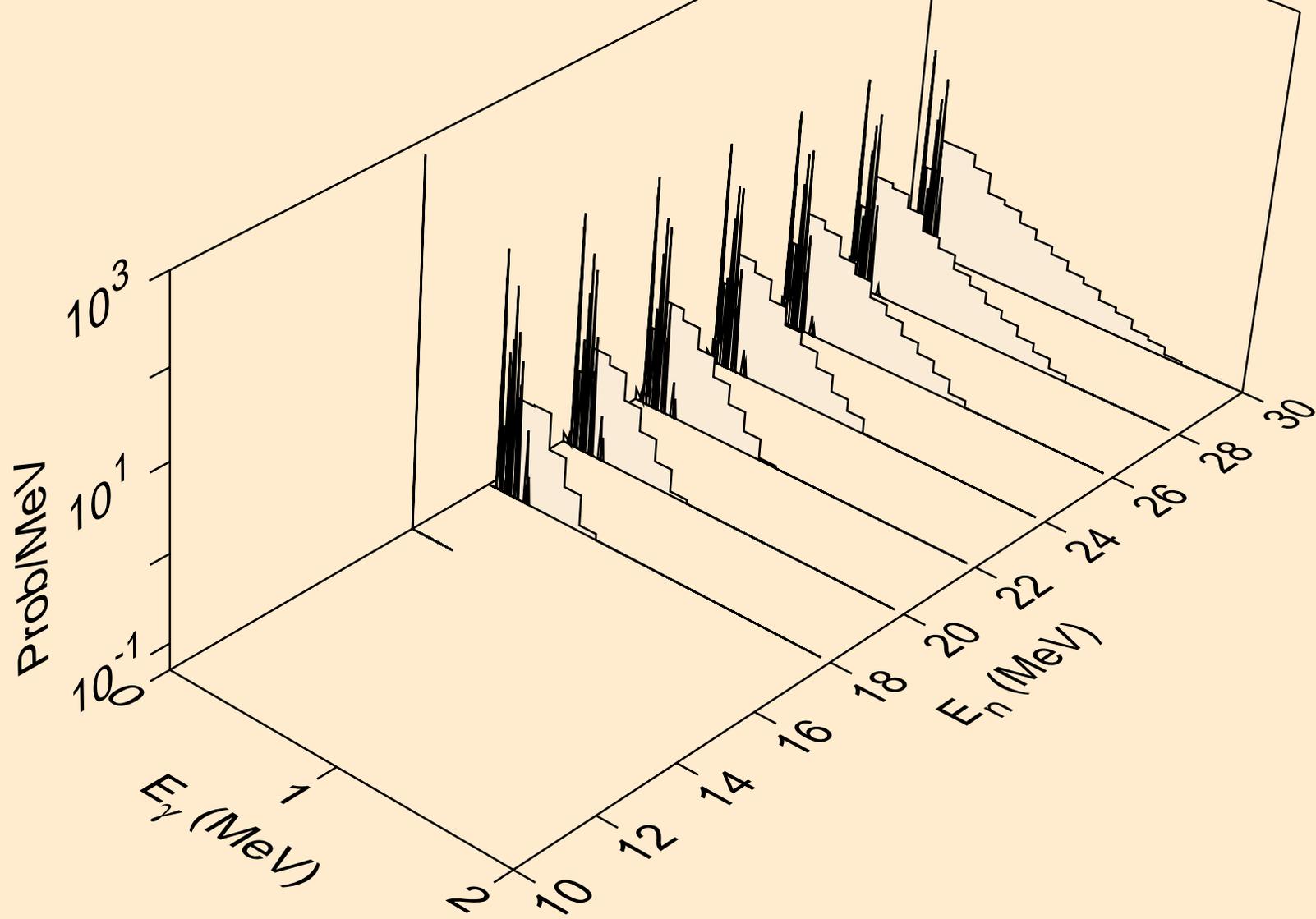
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3n)



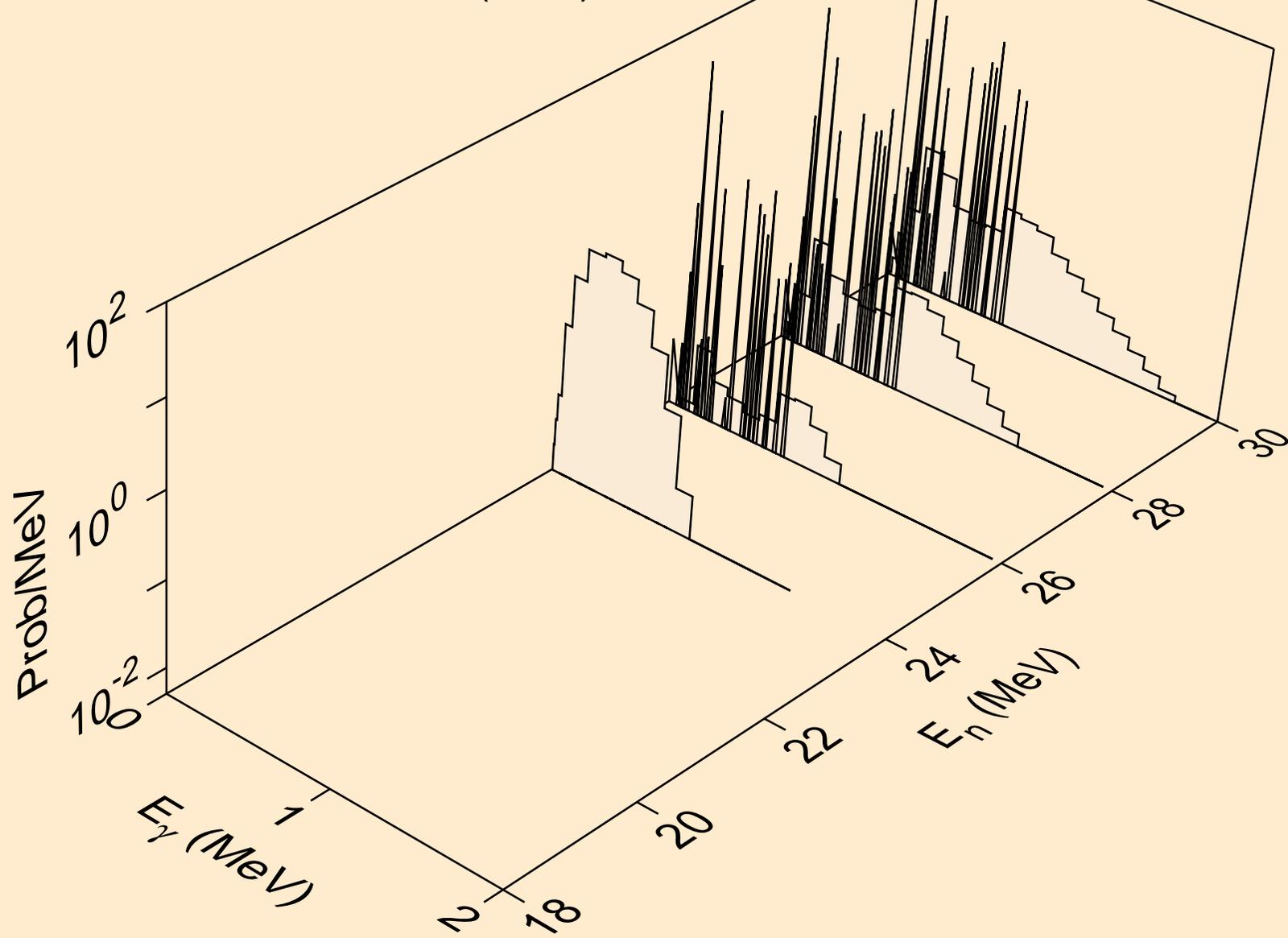
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)a



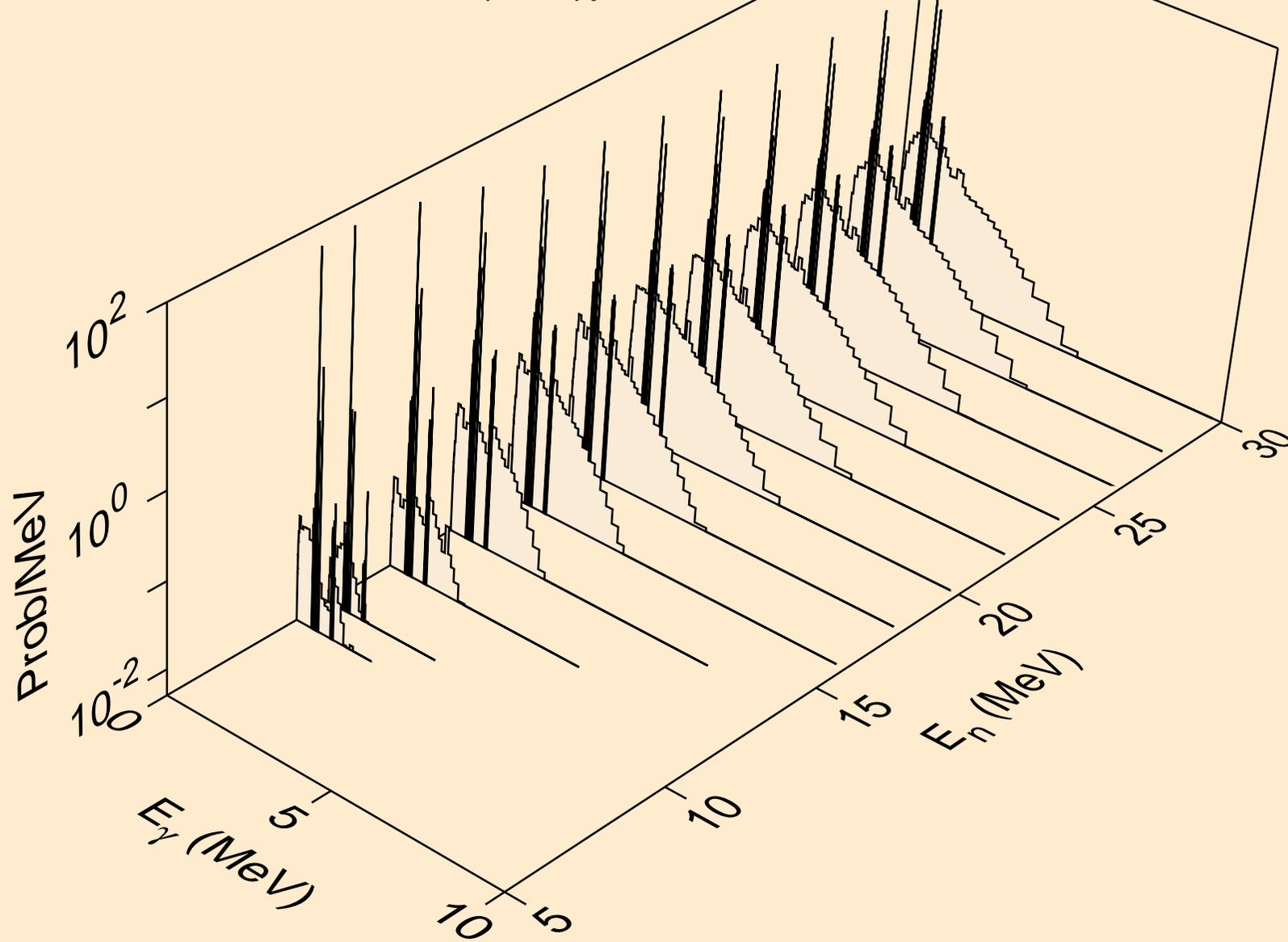
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)a



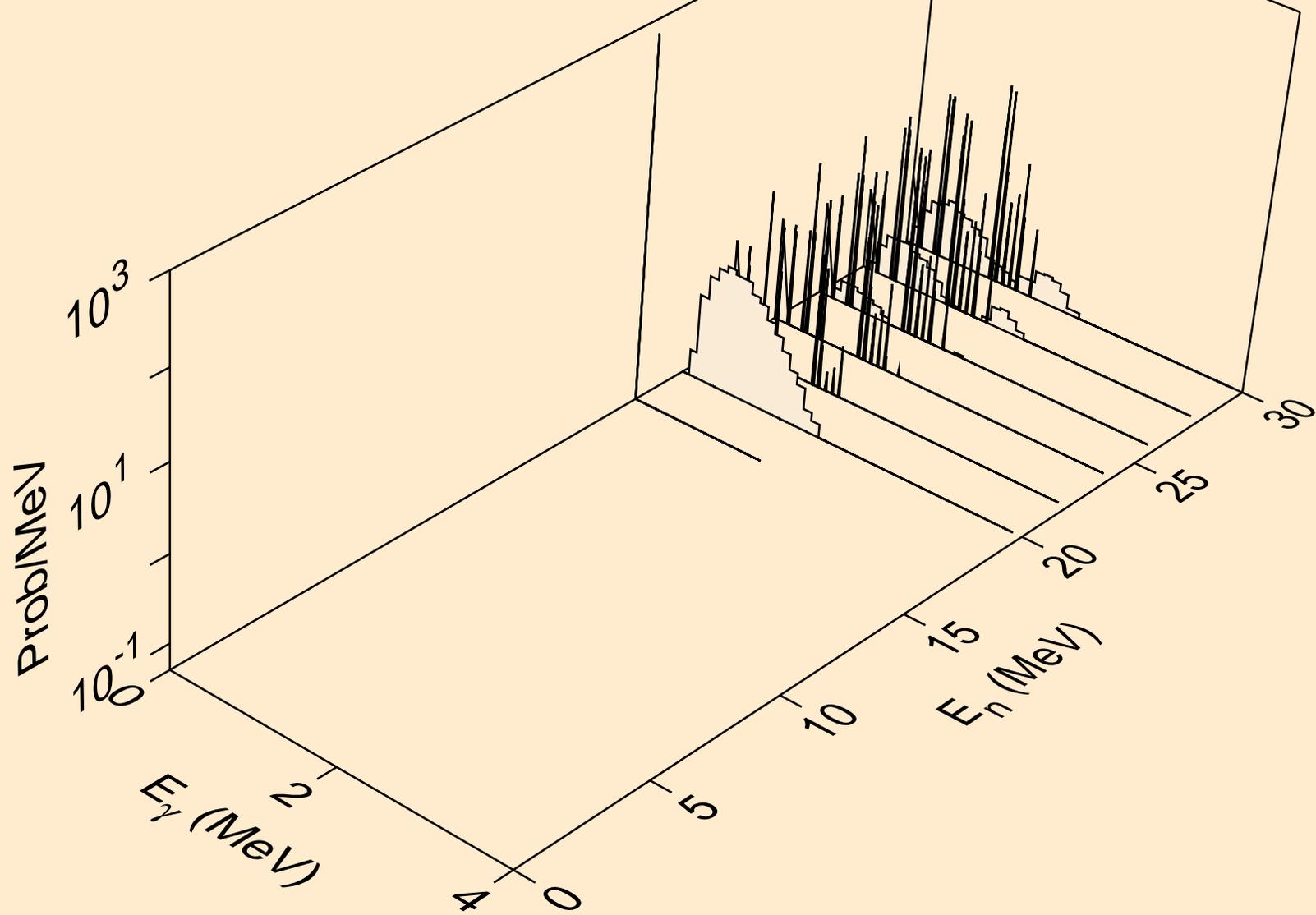
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3n)a



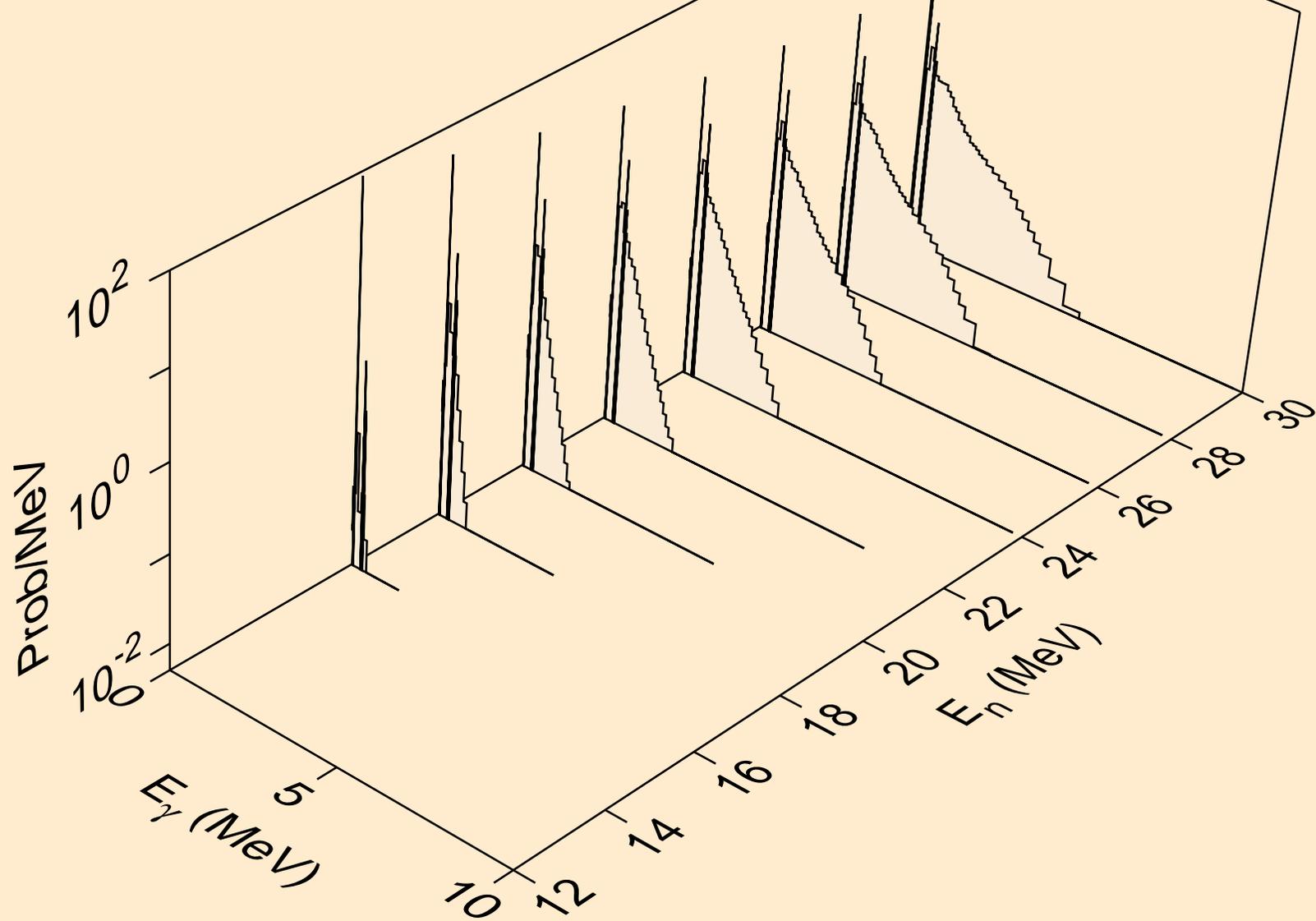
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)p



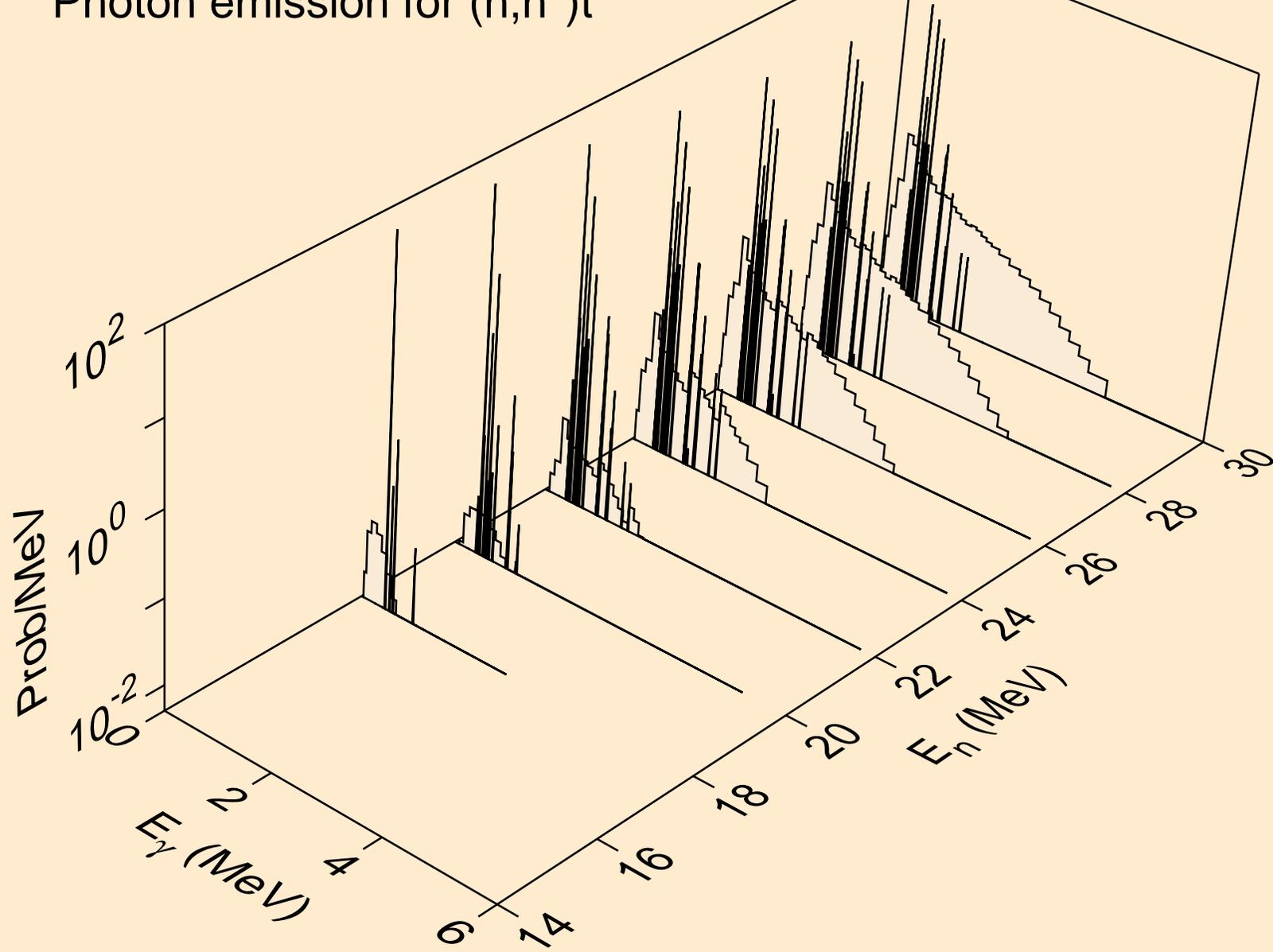
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)2a



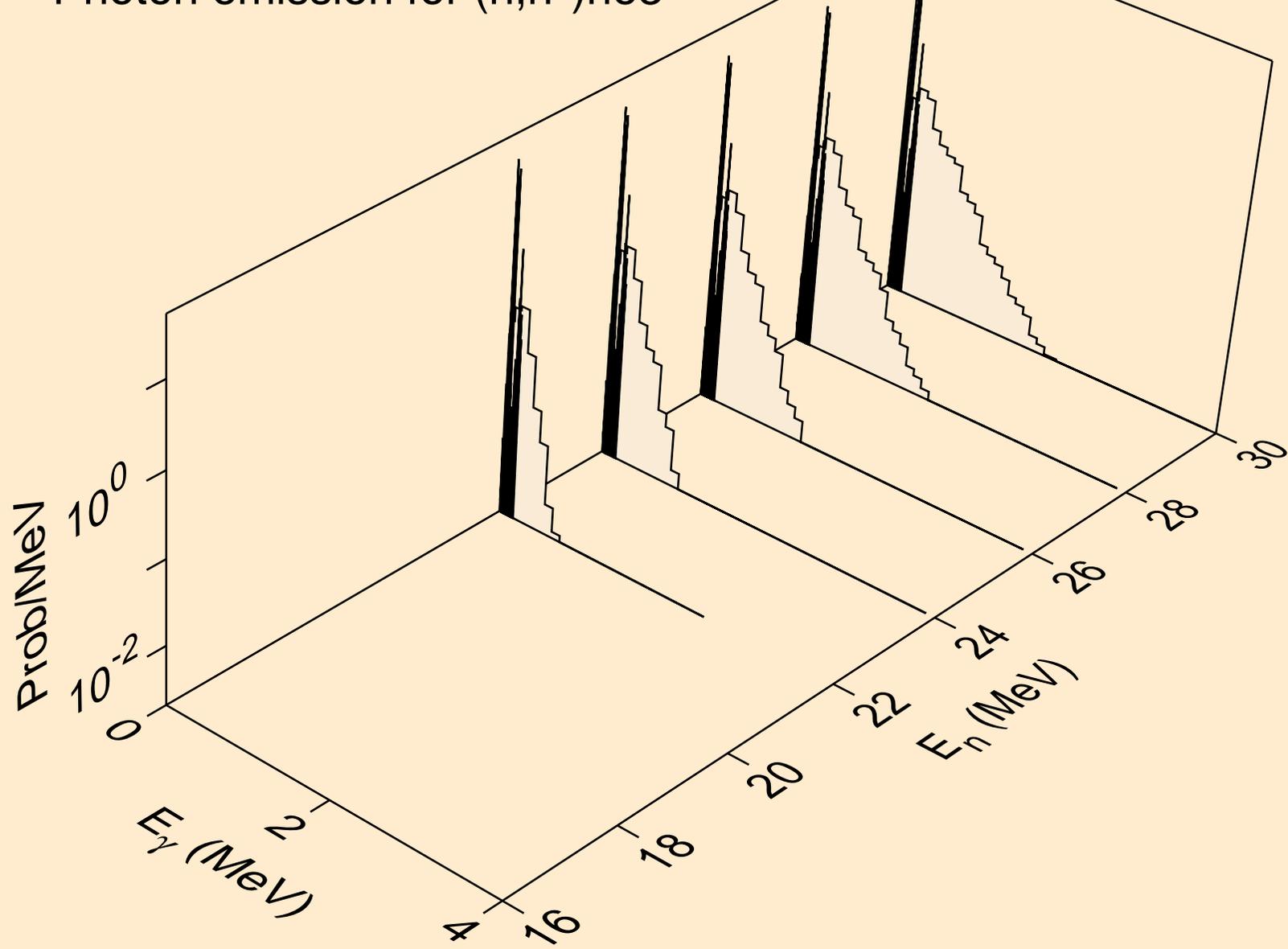
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)d



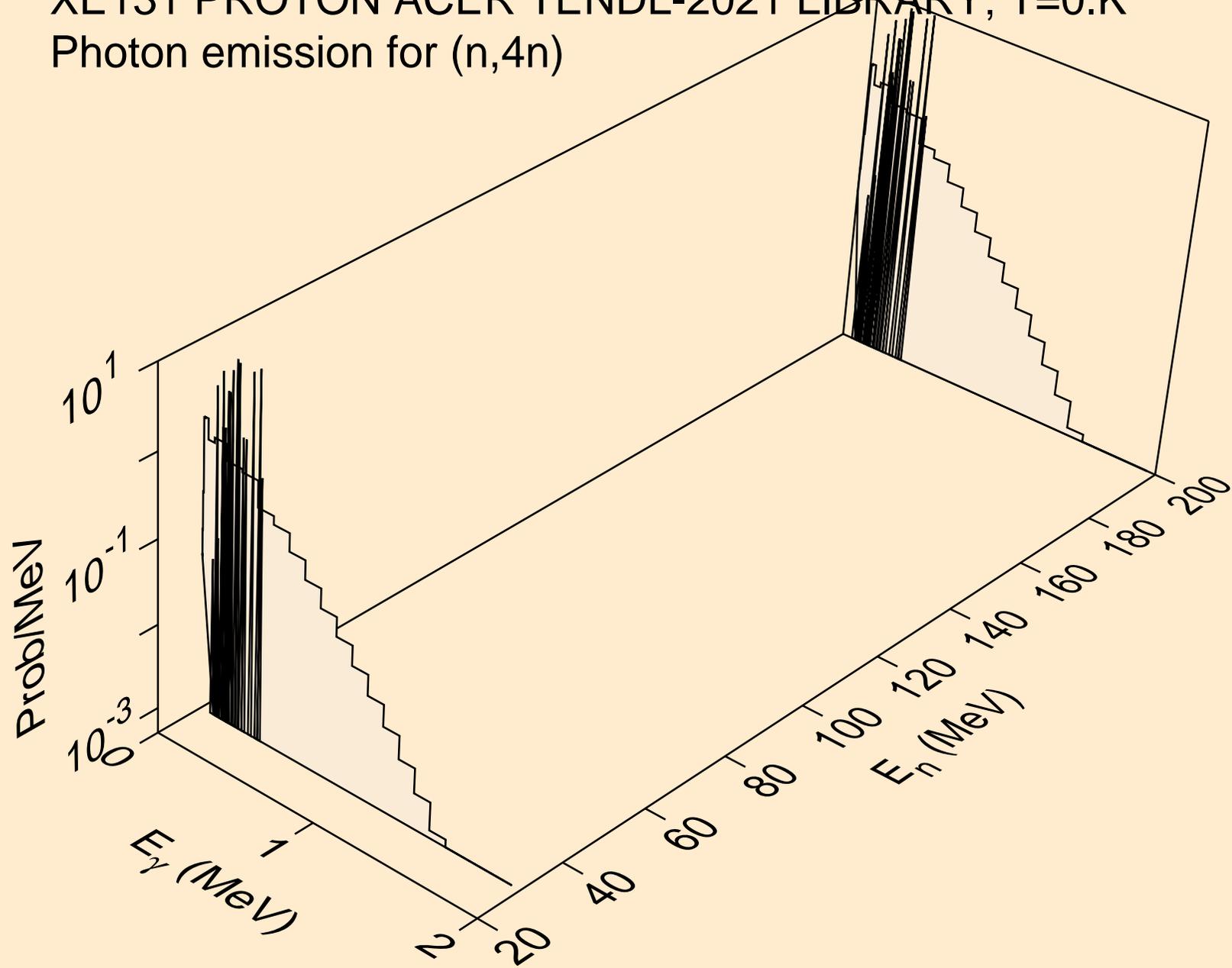
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)t



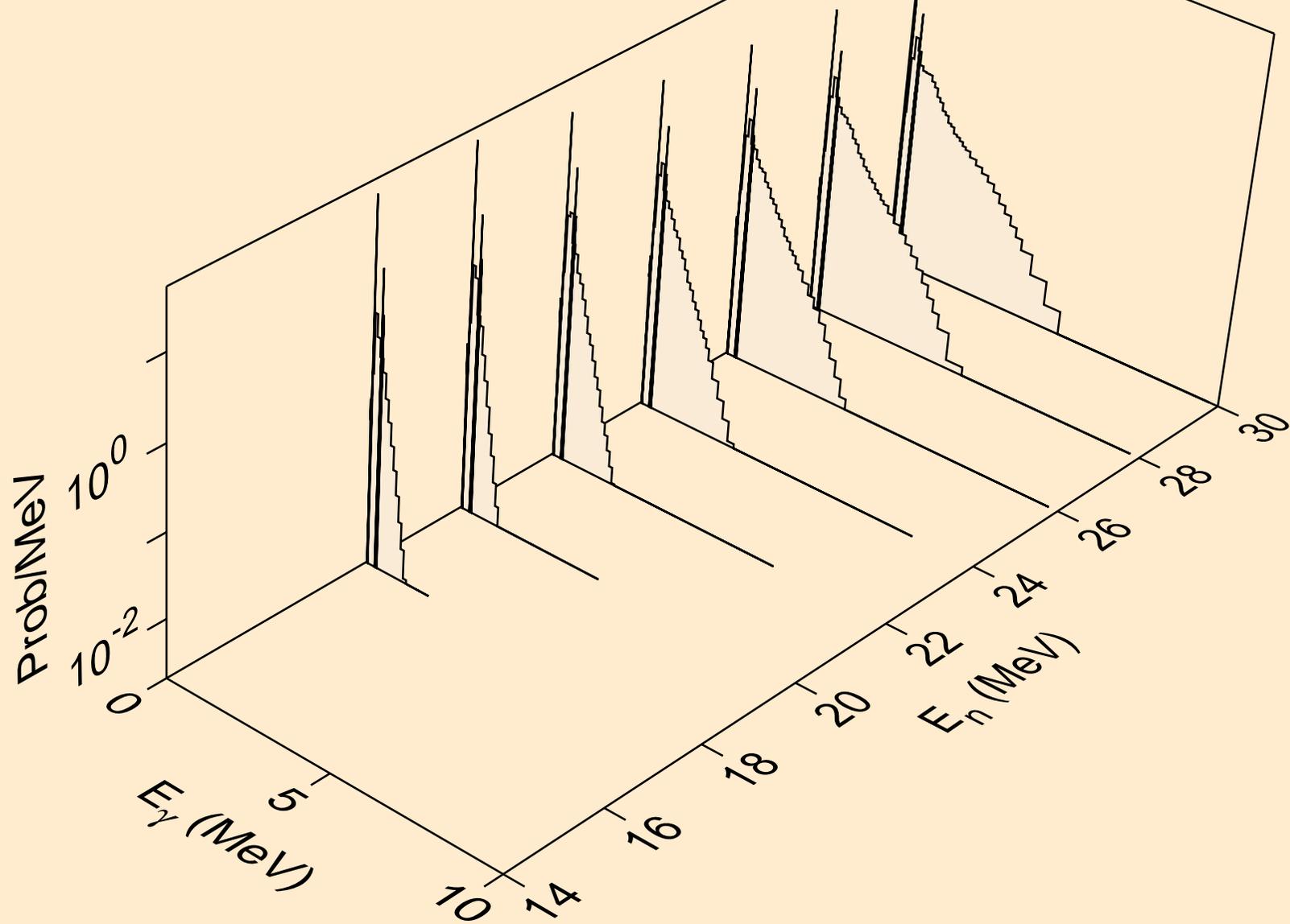
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)he3



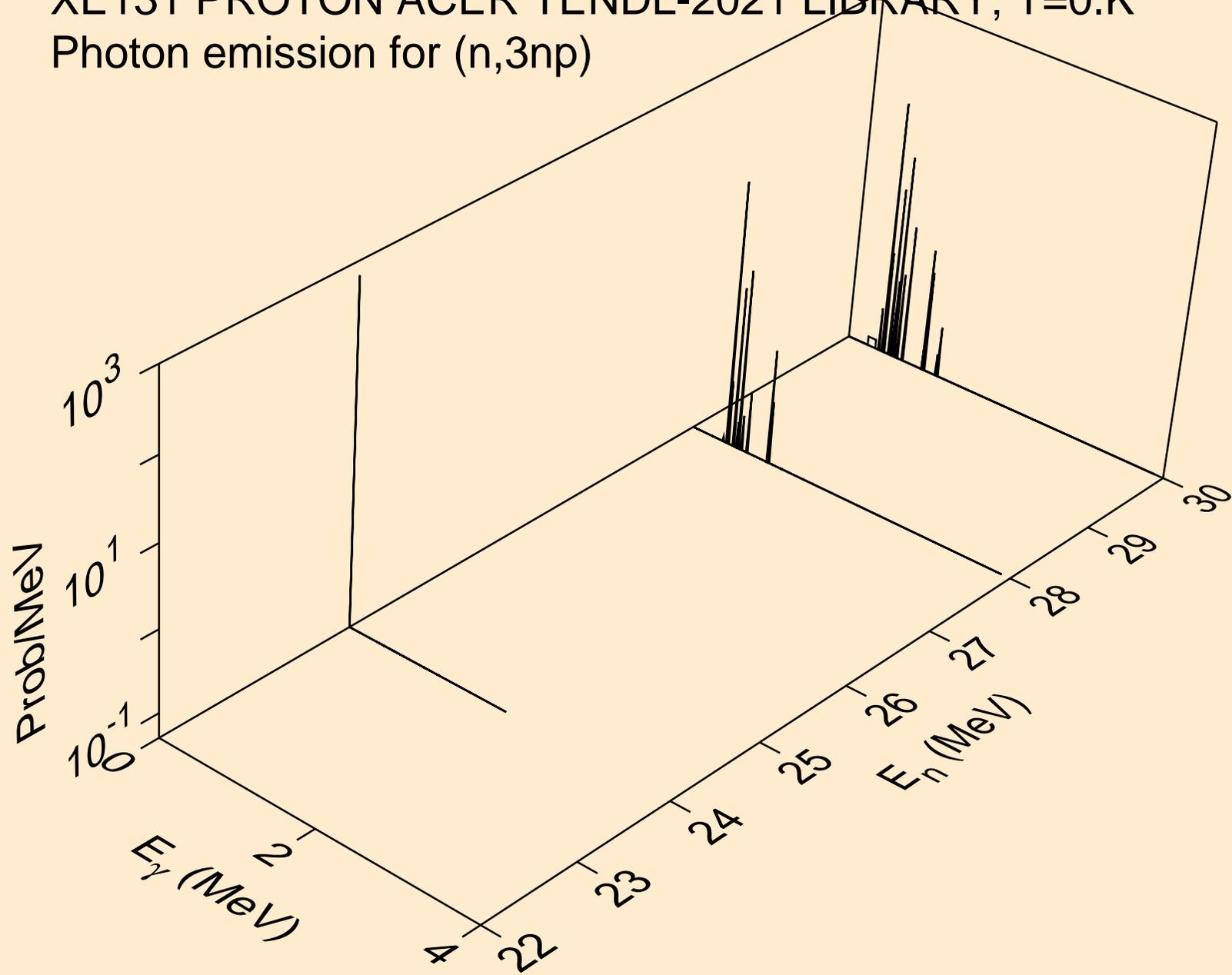
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,4n)



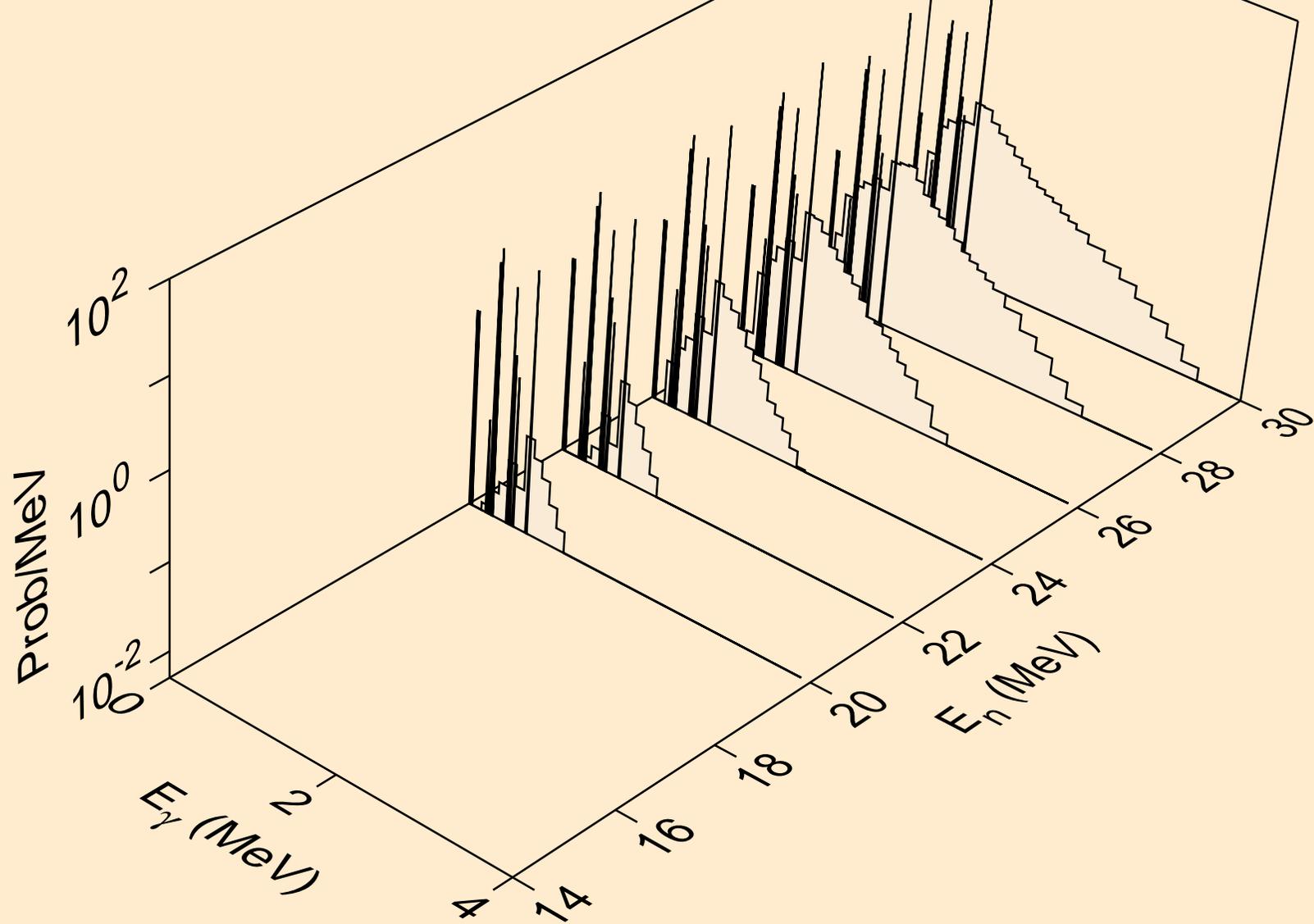
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2np)



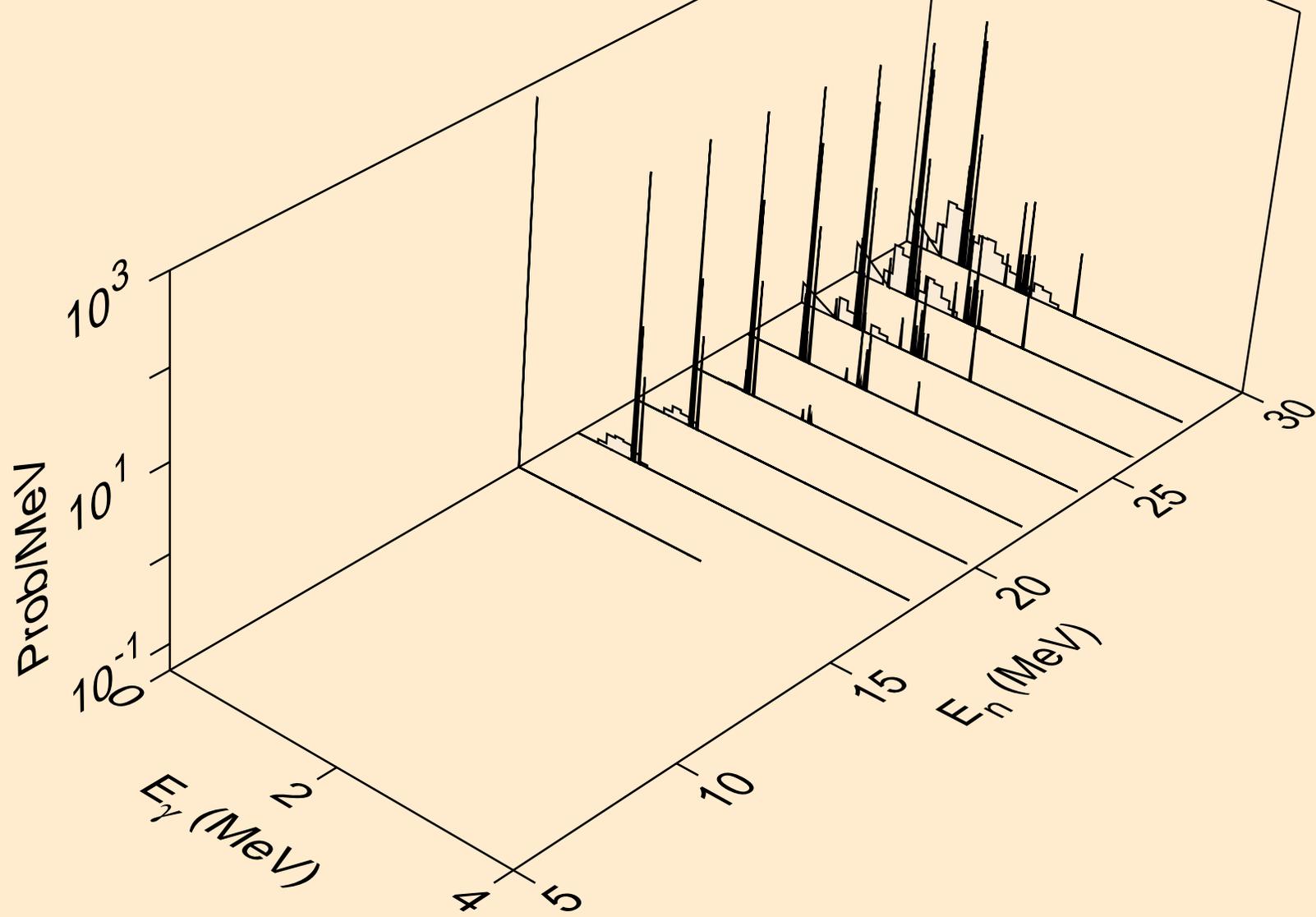
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3np)



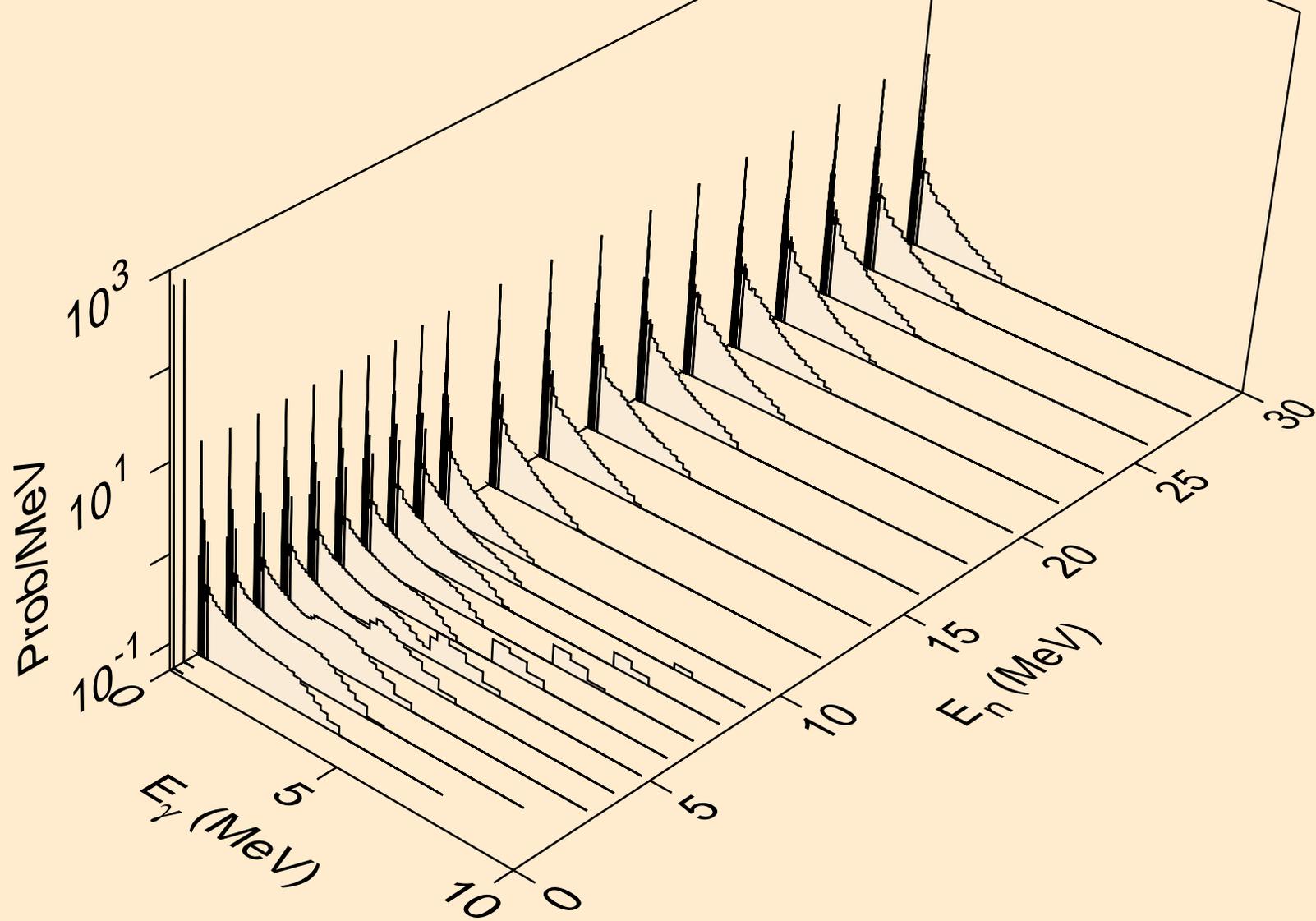
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2np)



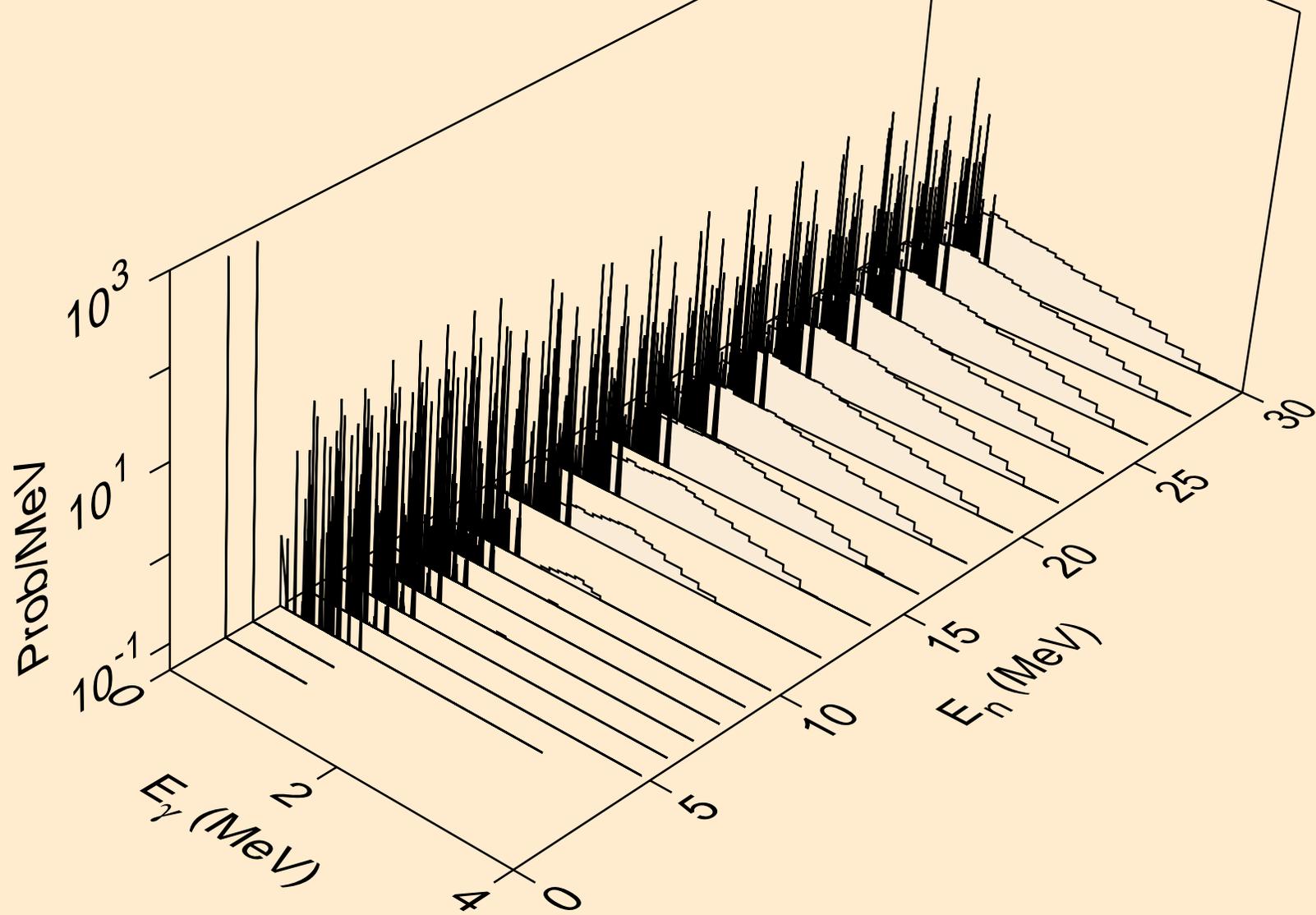
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,npa)



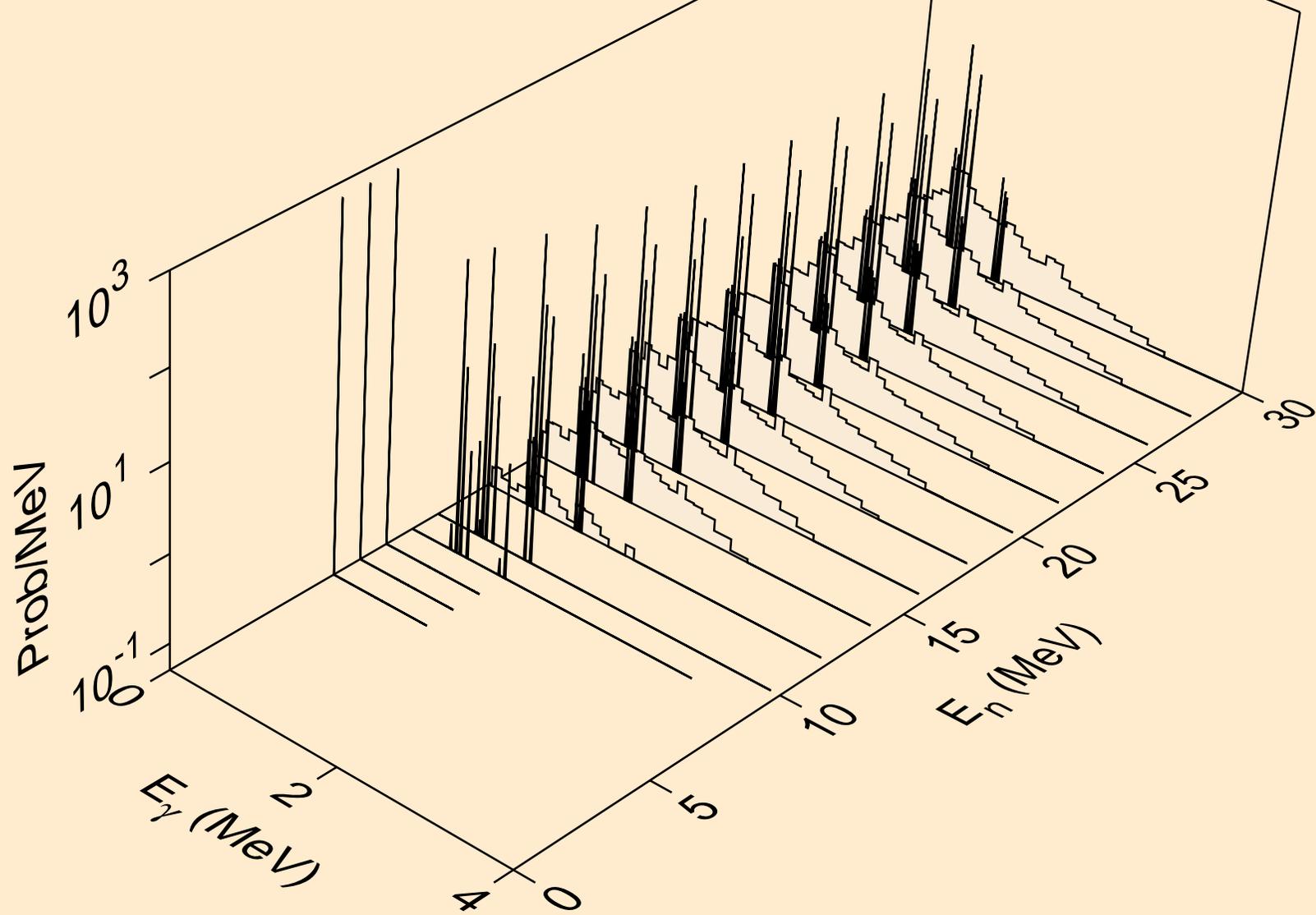
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,gma)



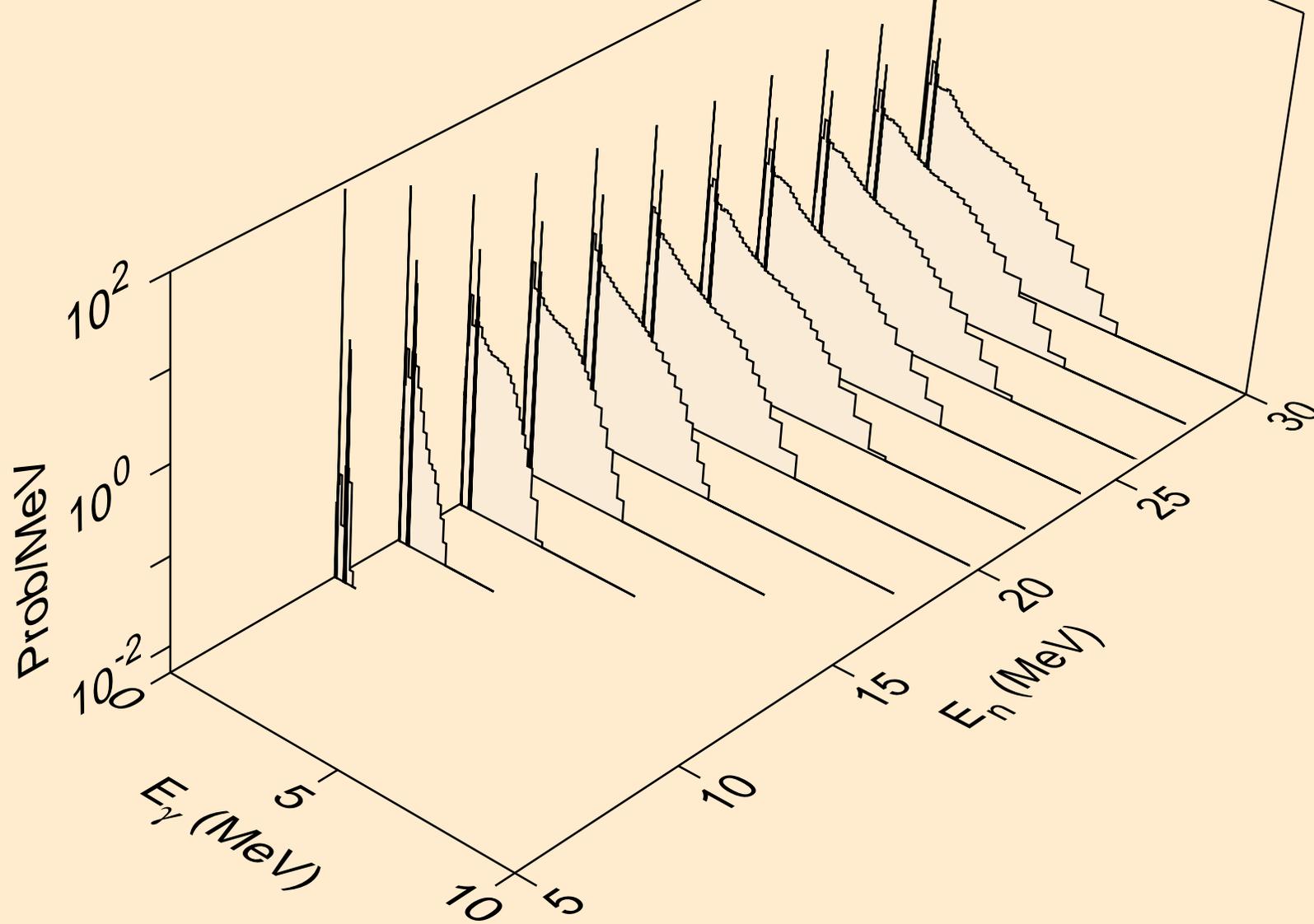
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for inelastic



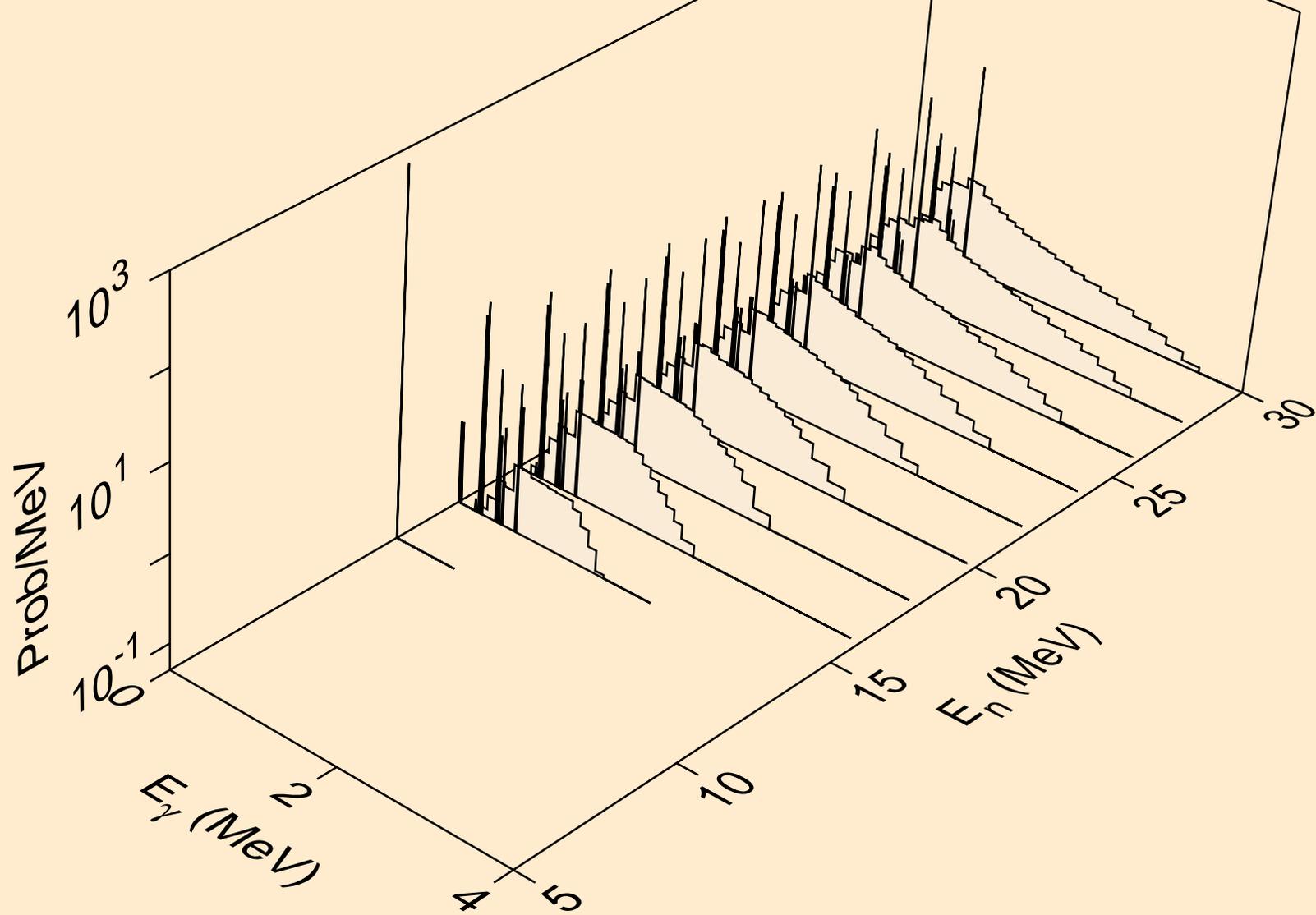
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,d)



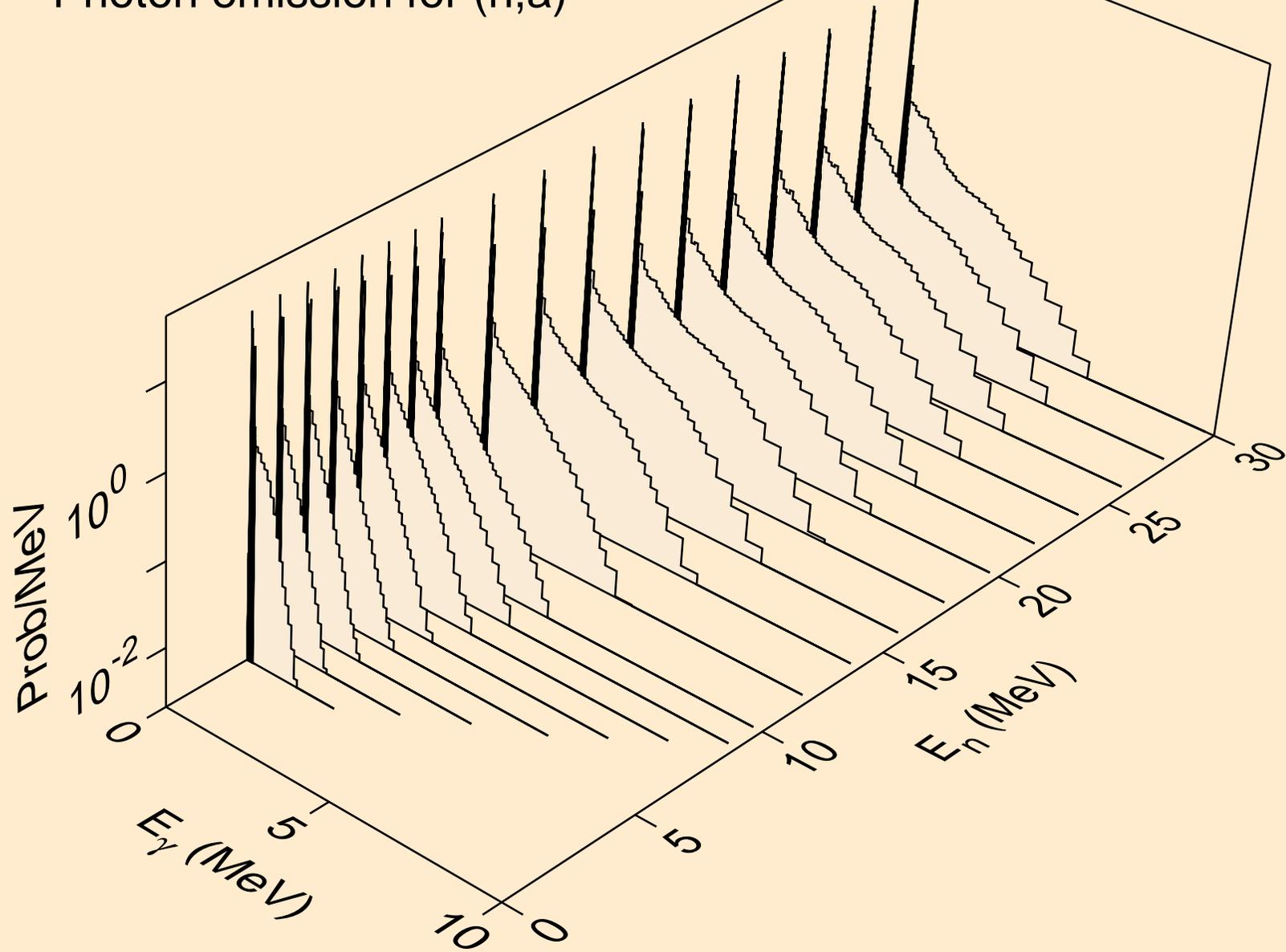
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,t)



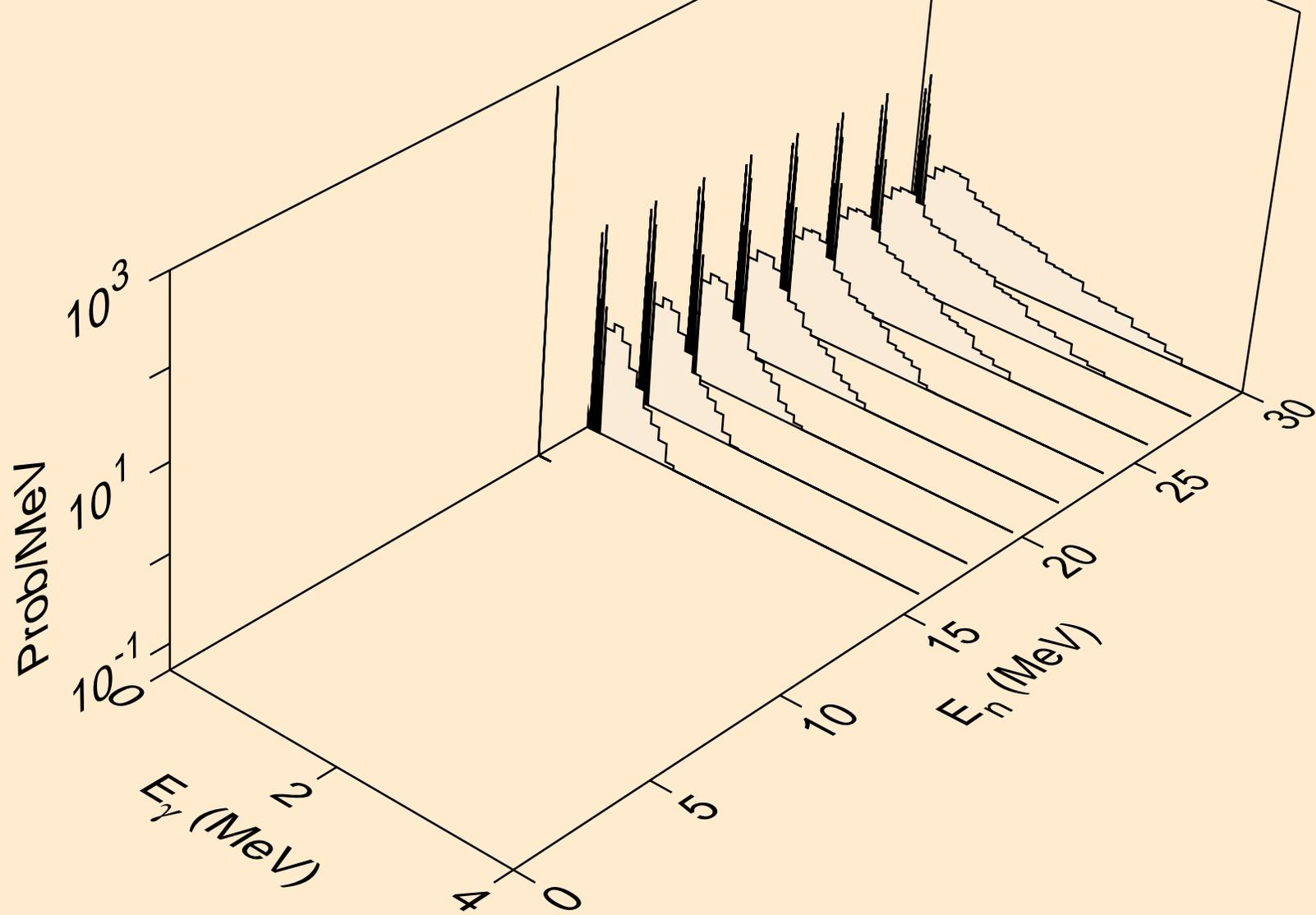
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,he3)



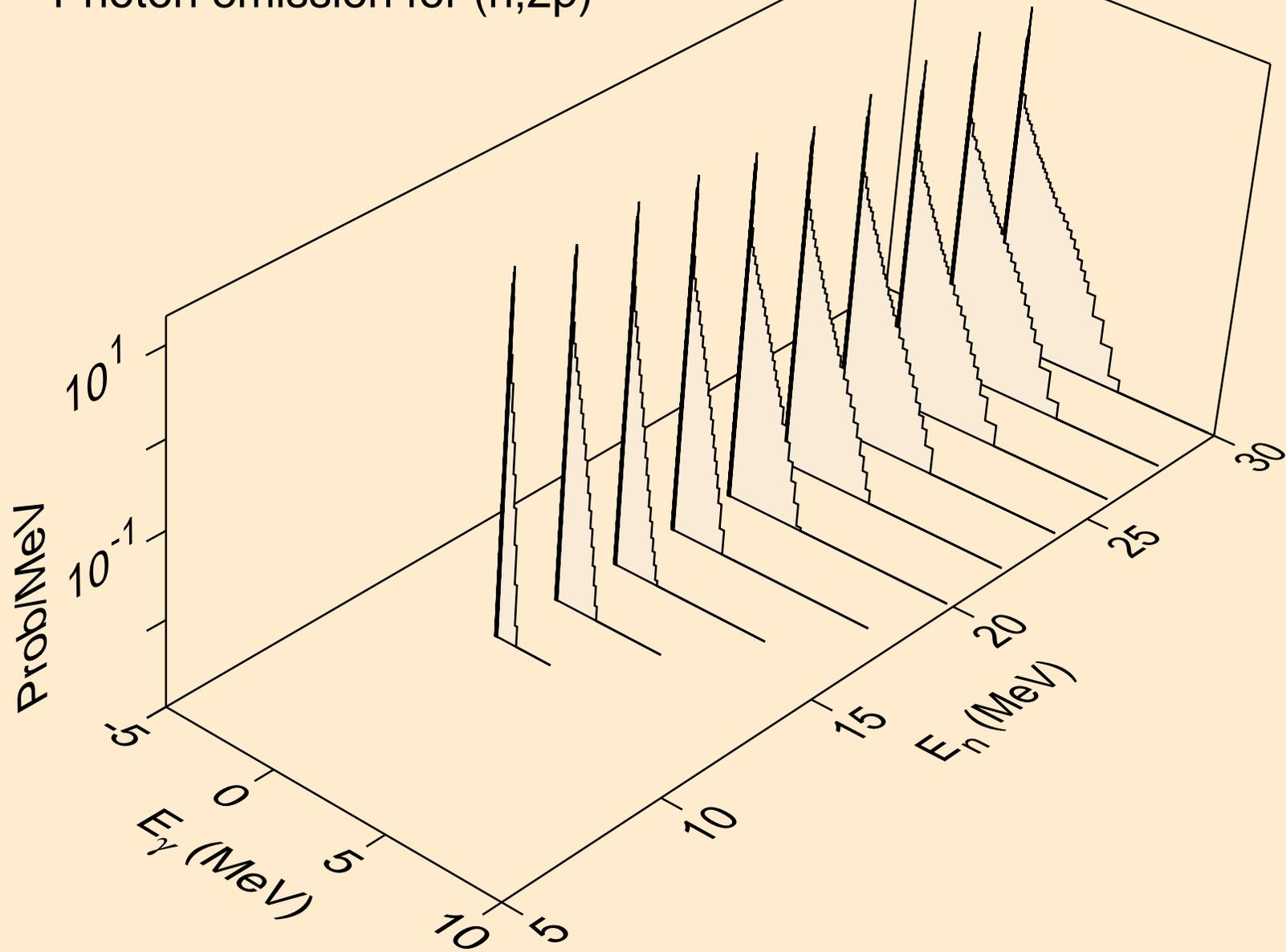
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,a)



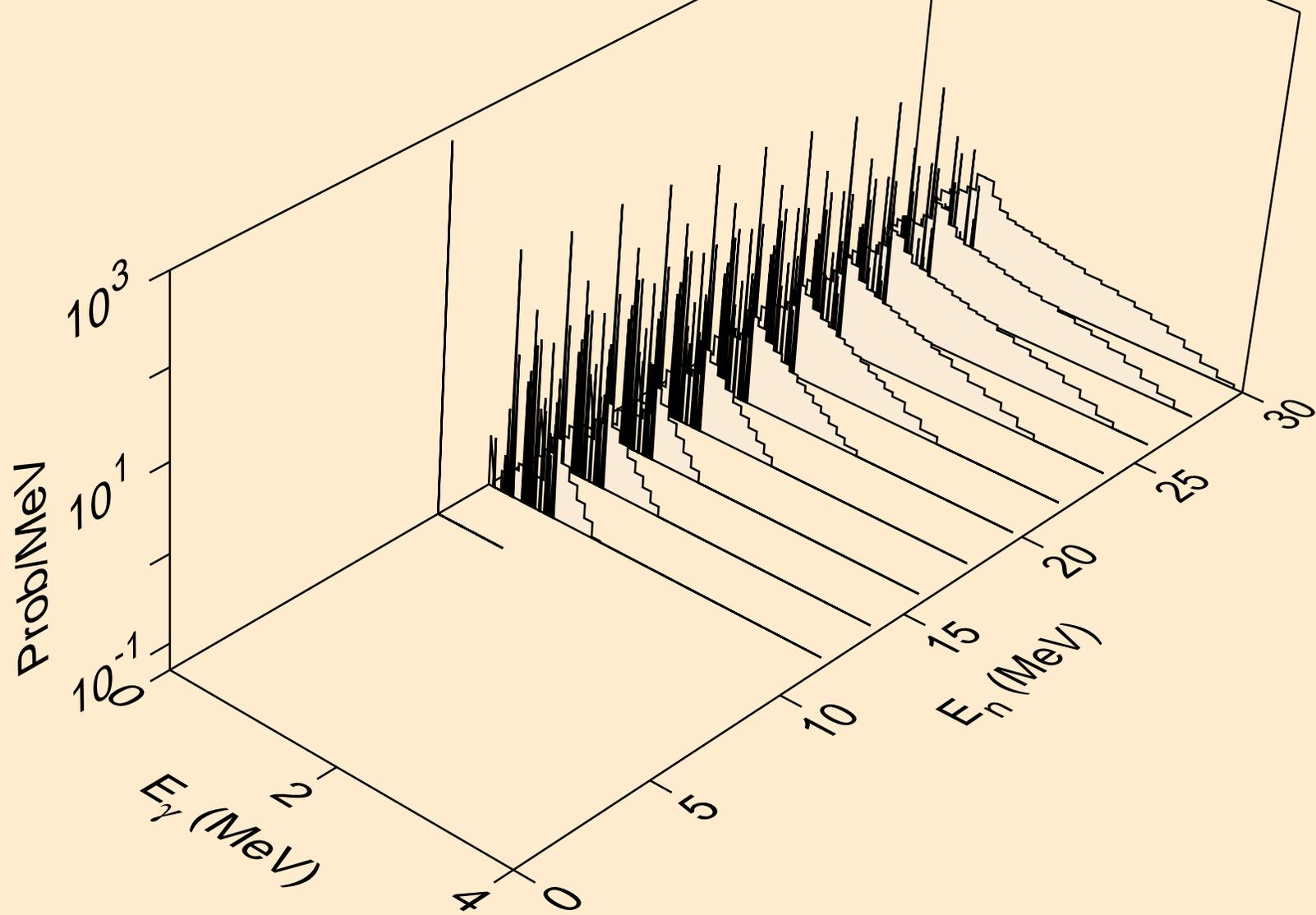
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2a)



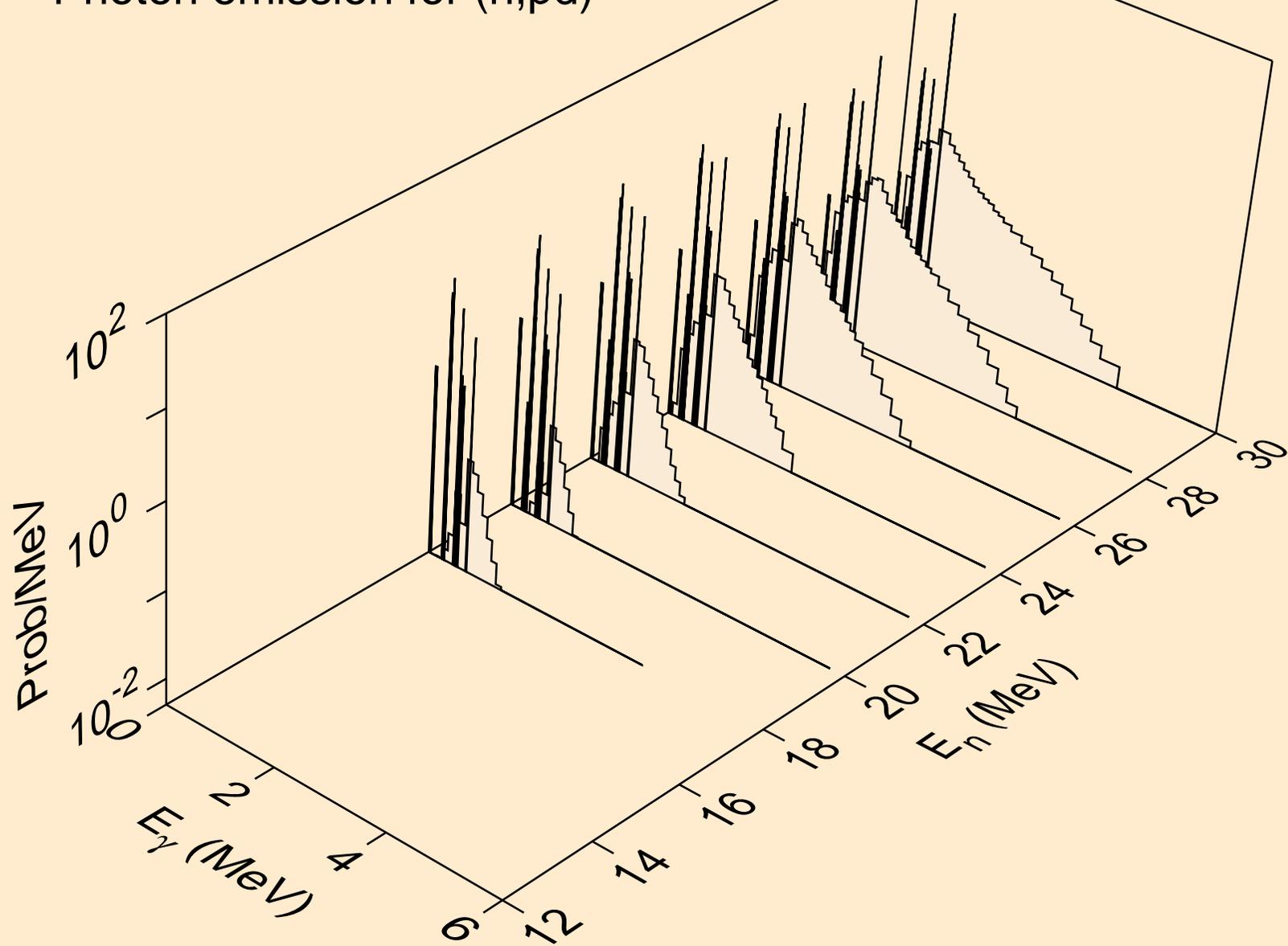
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2p)



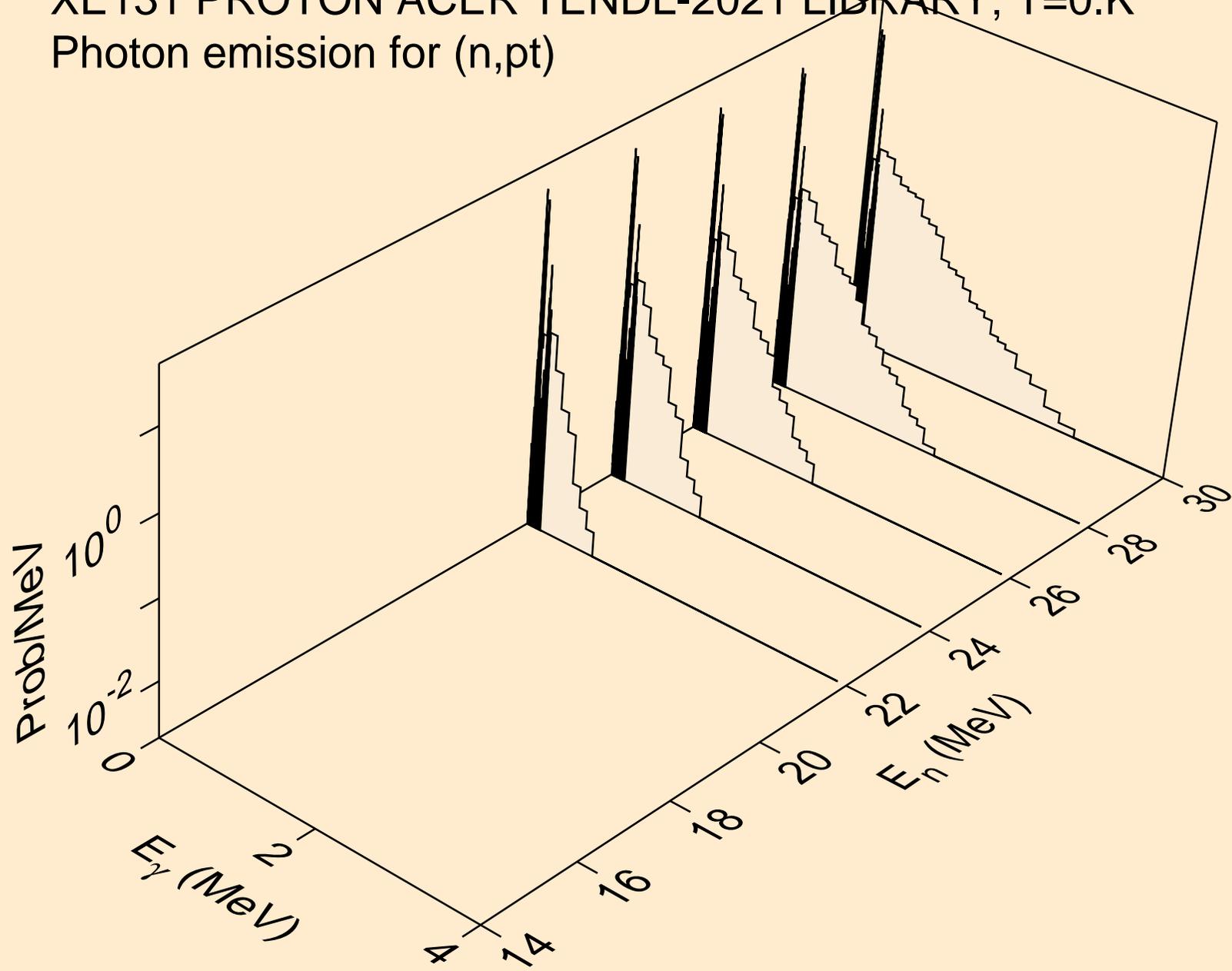
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pa)



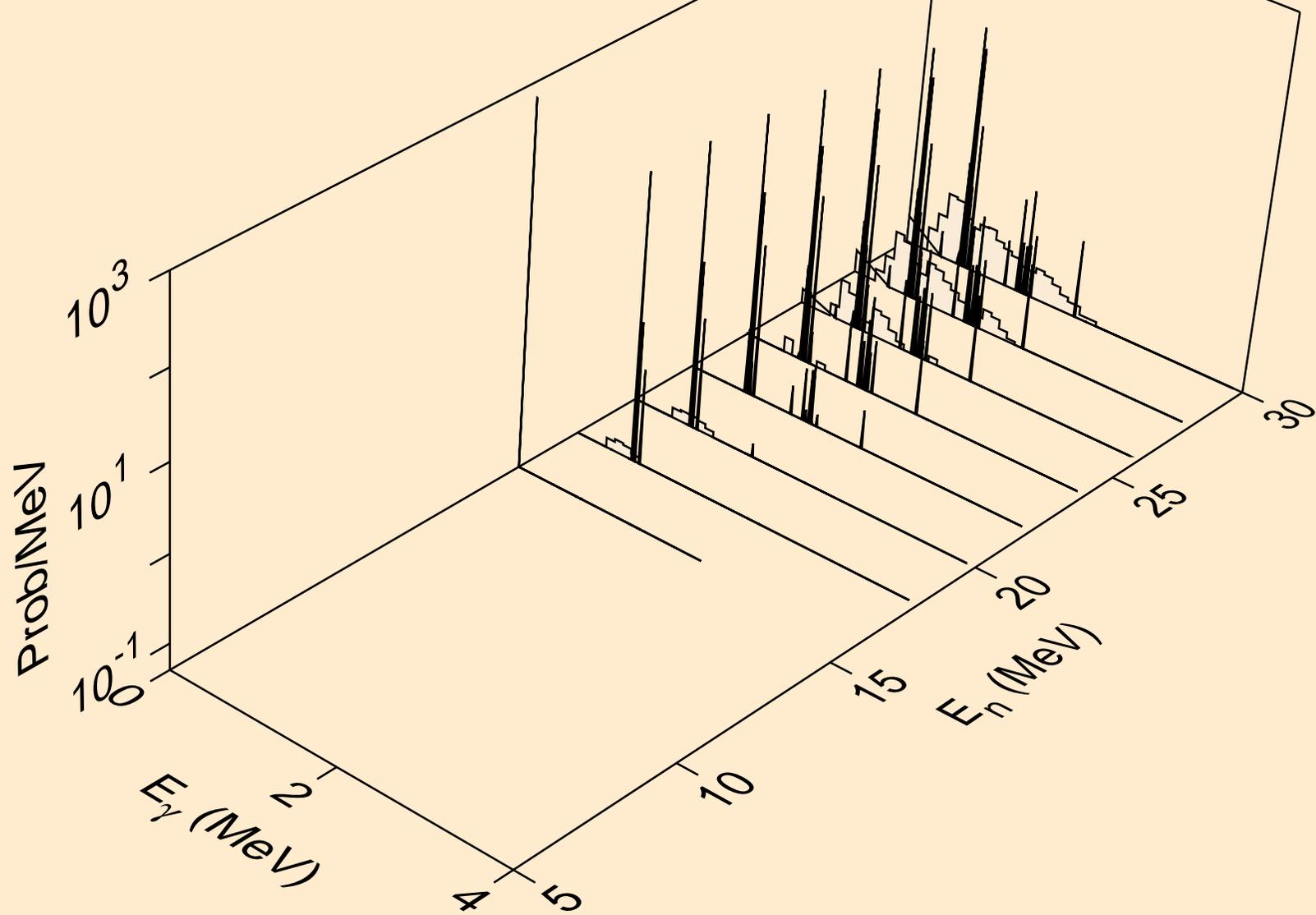
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pd)



XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pt)

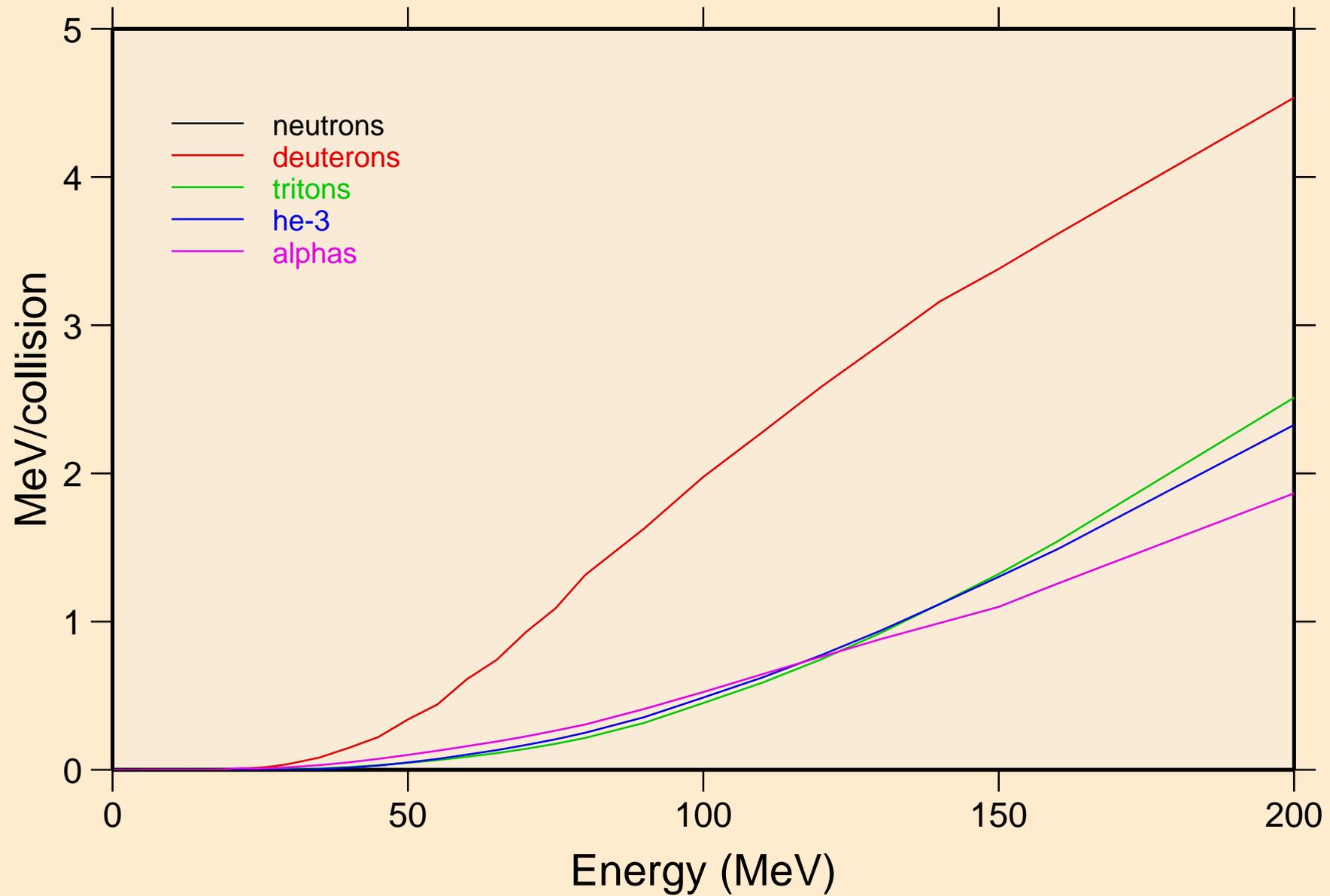


XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,da)

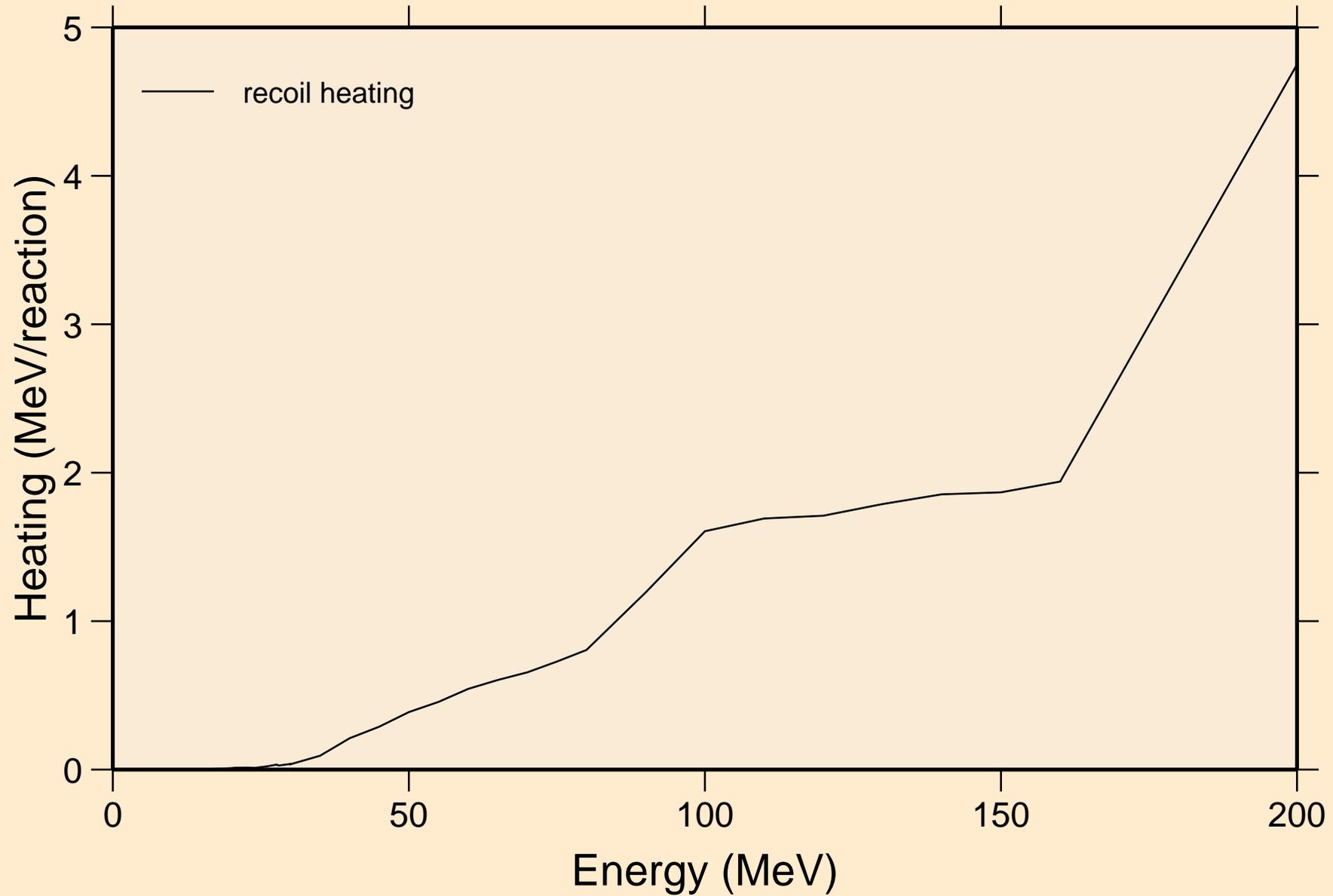


XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K

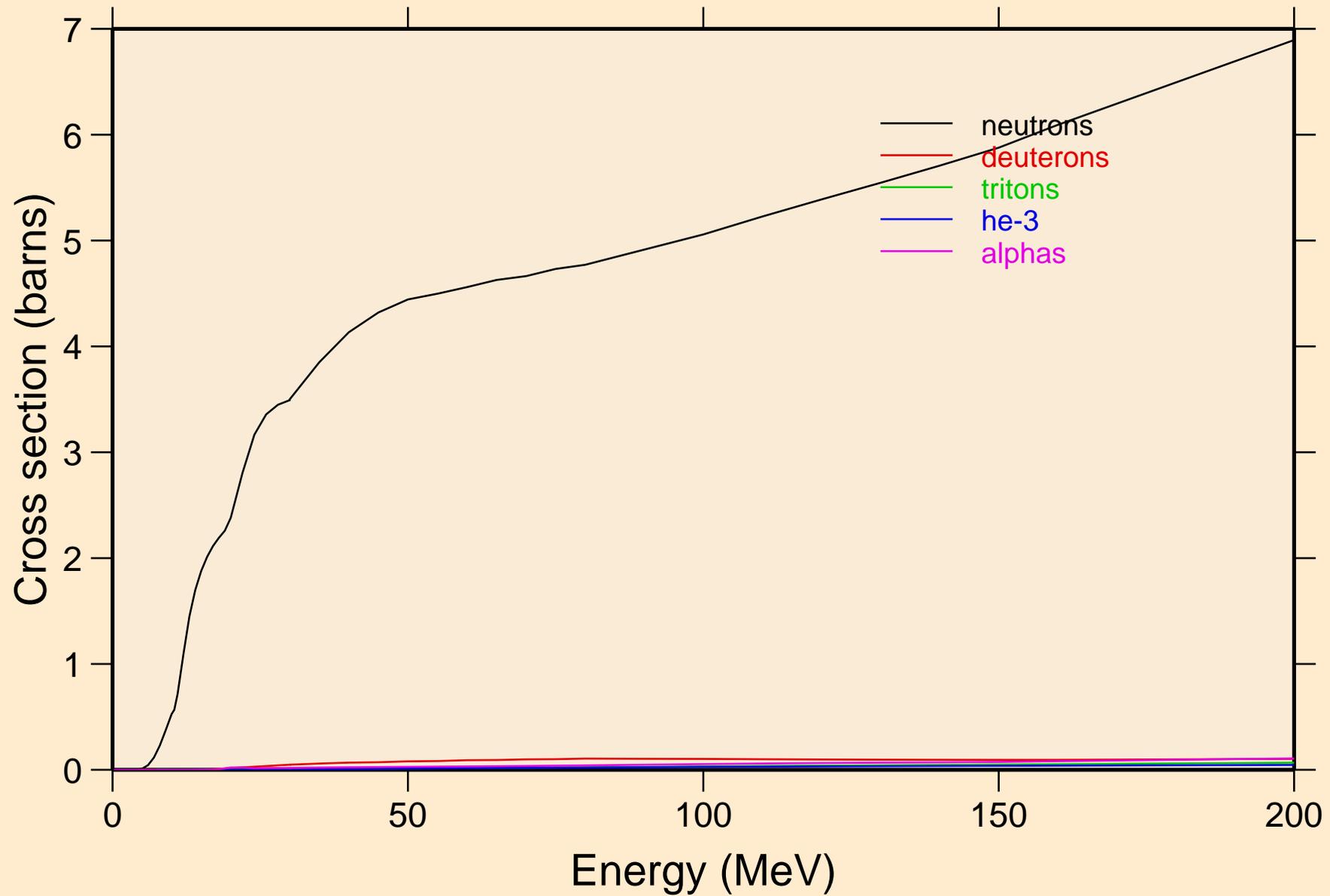
Particle heating contributions



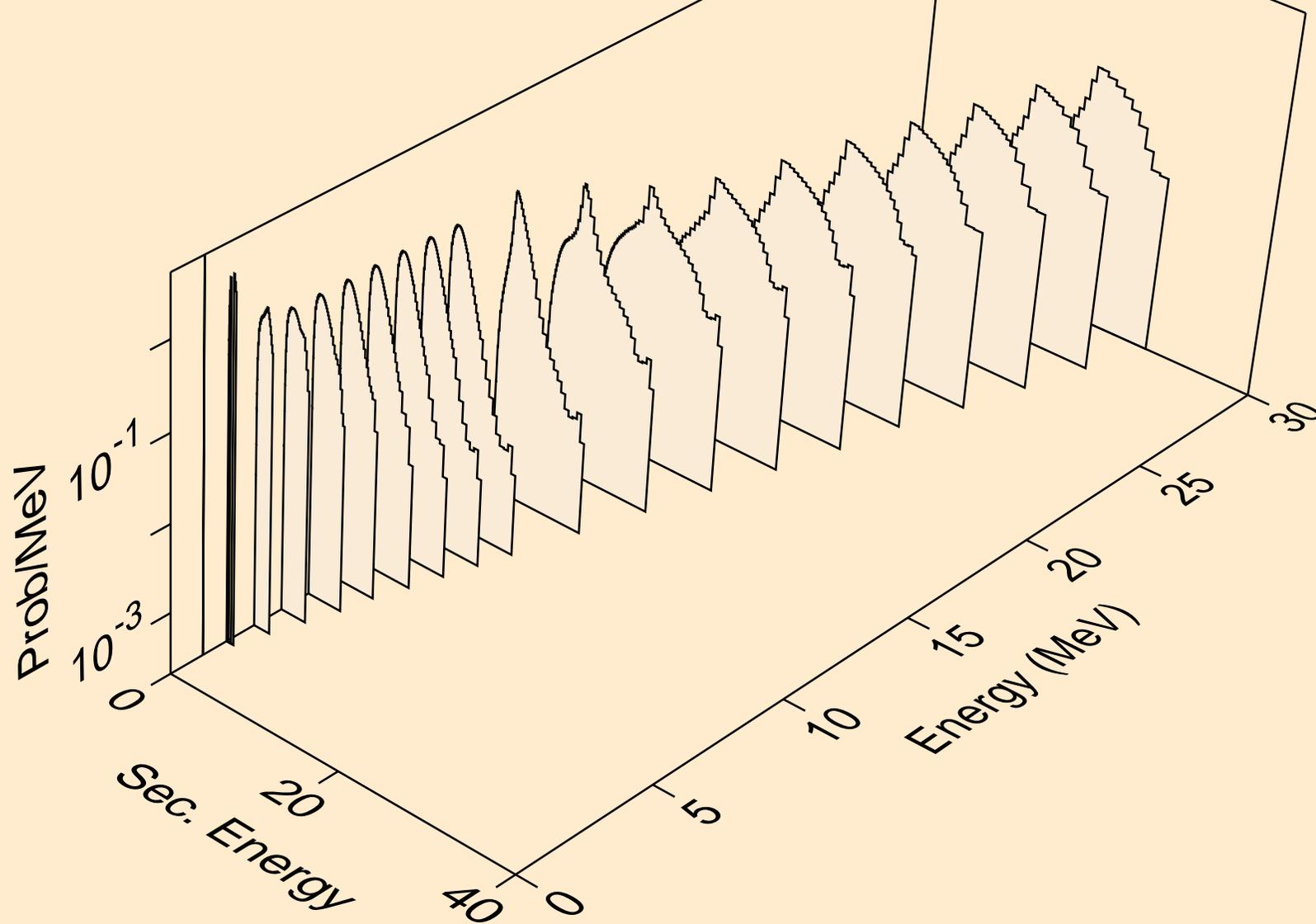
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Recoil Heating



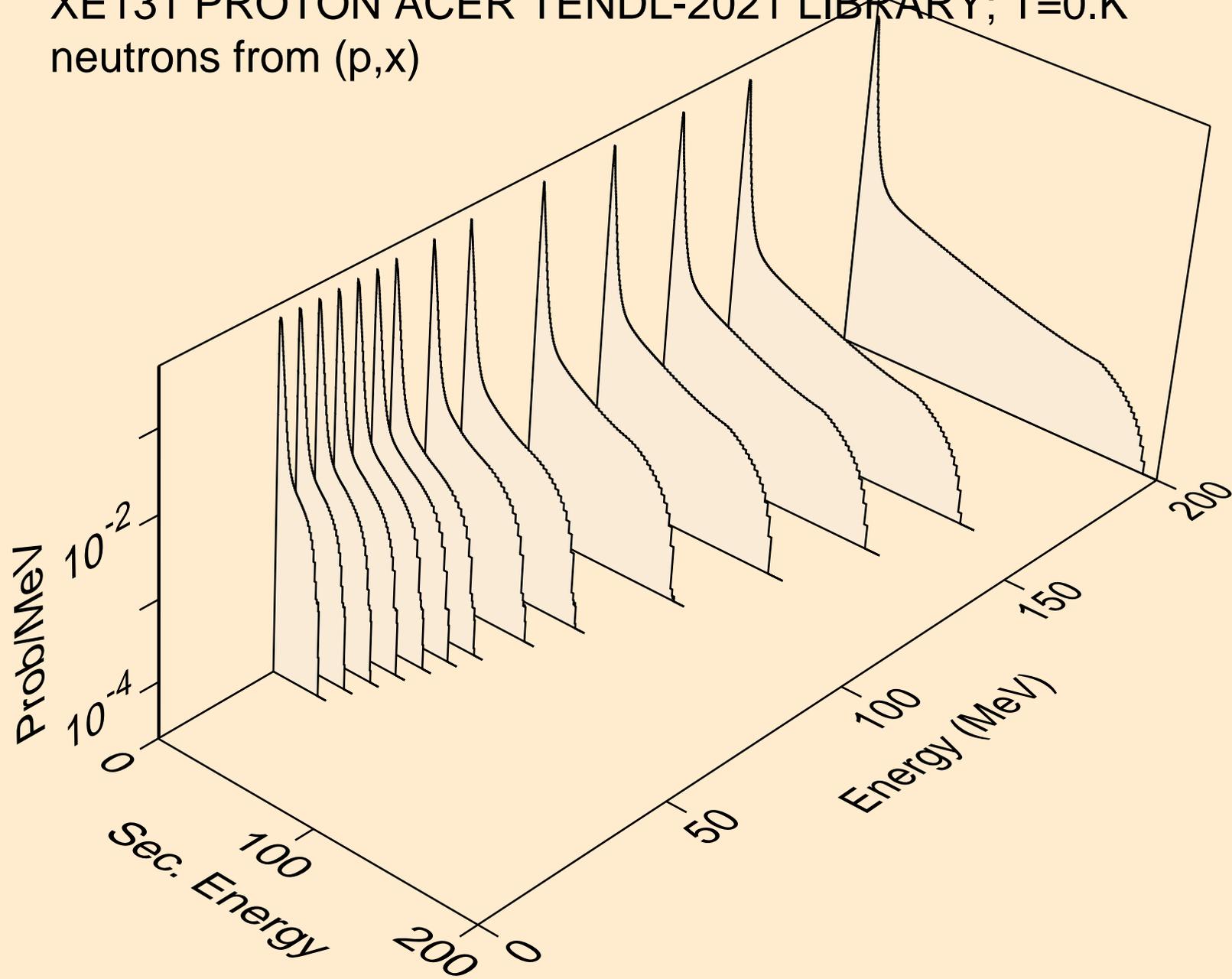
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Particle production cross sections



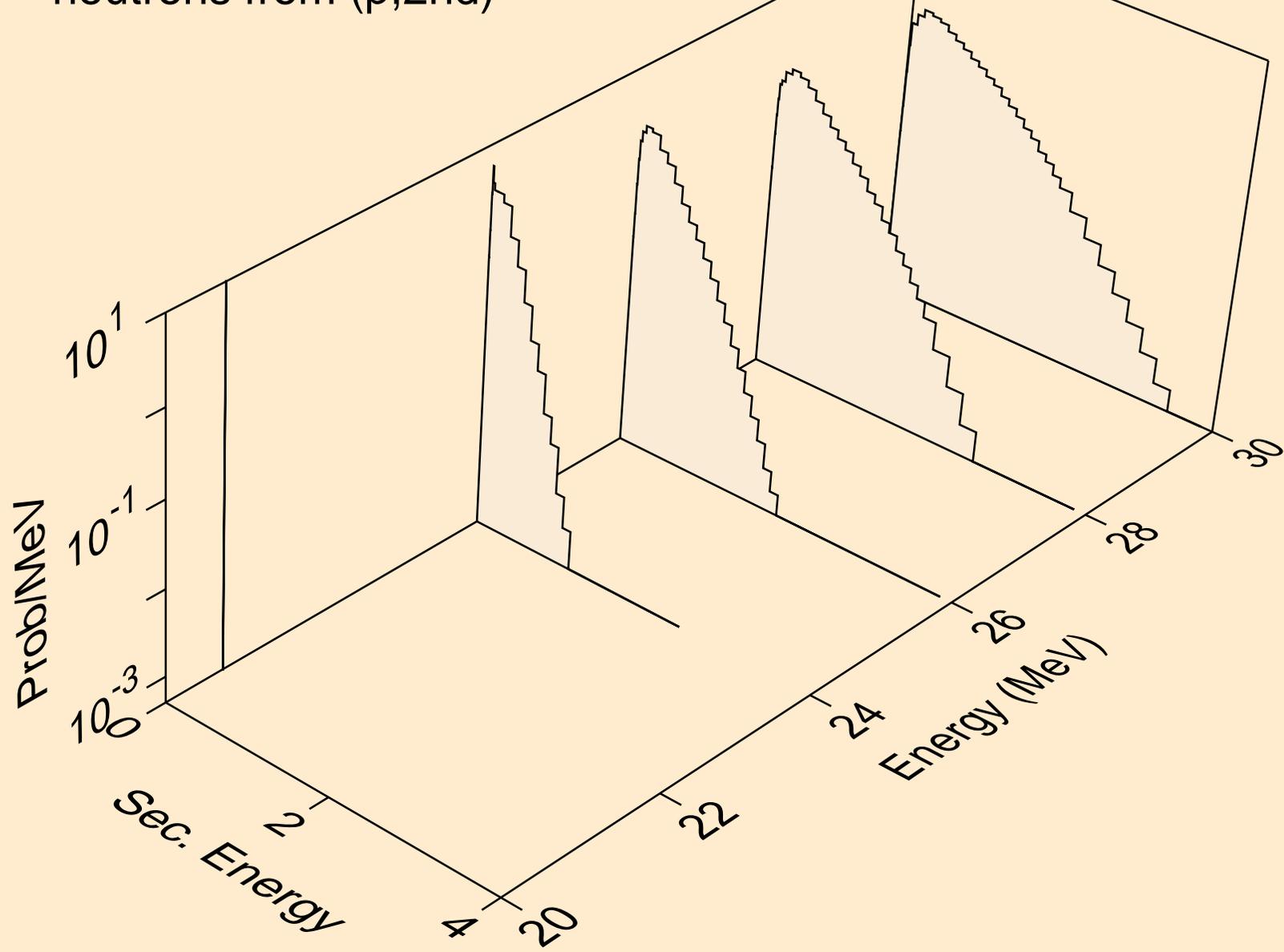
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n)



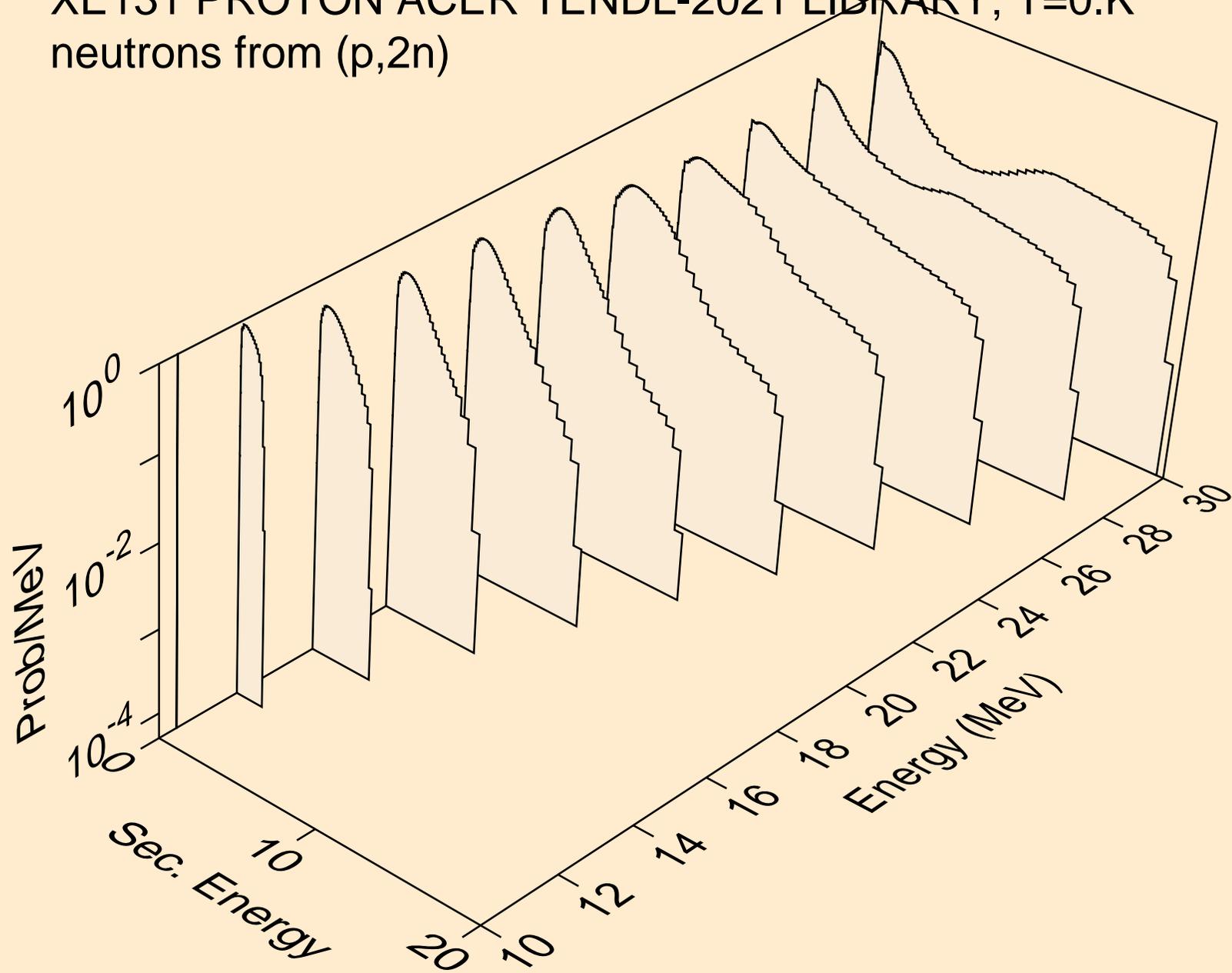
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,x)



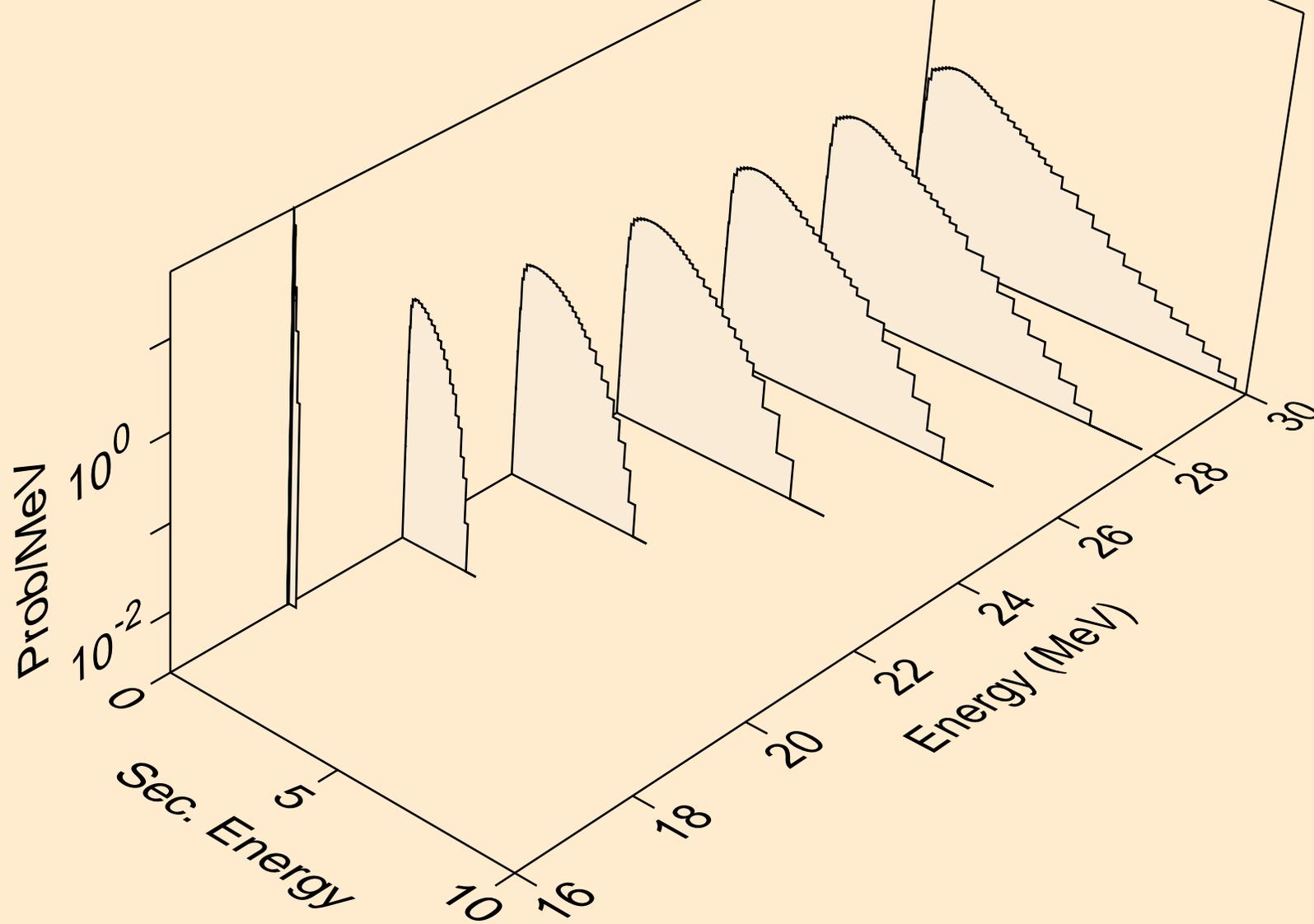
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,2nd)



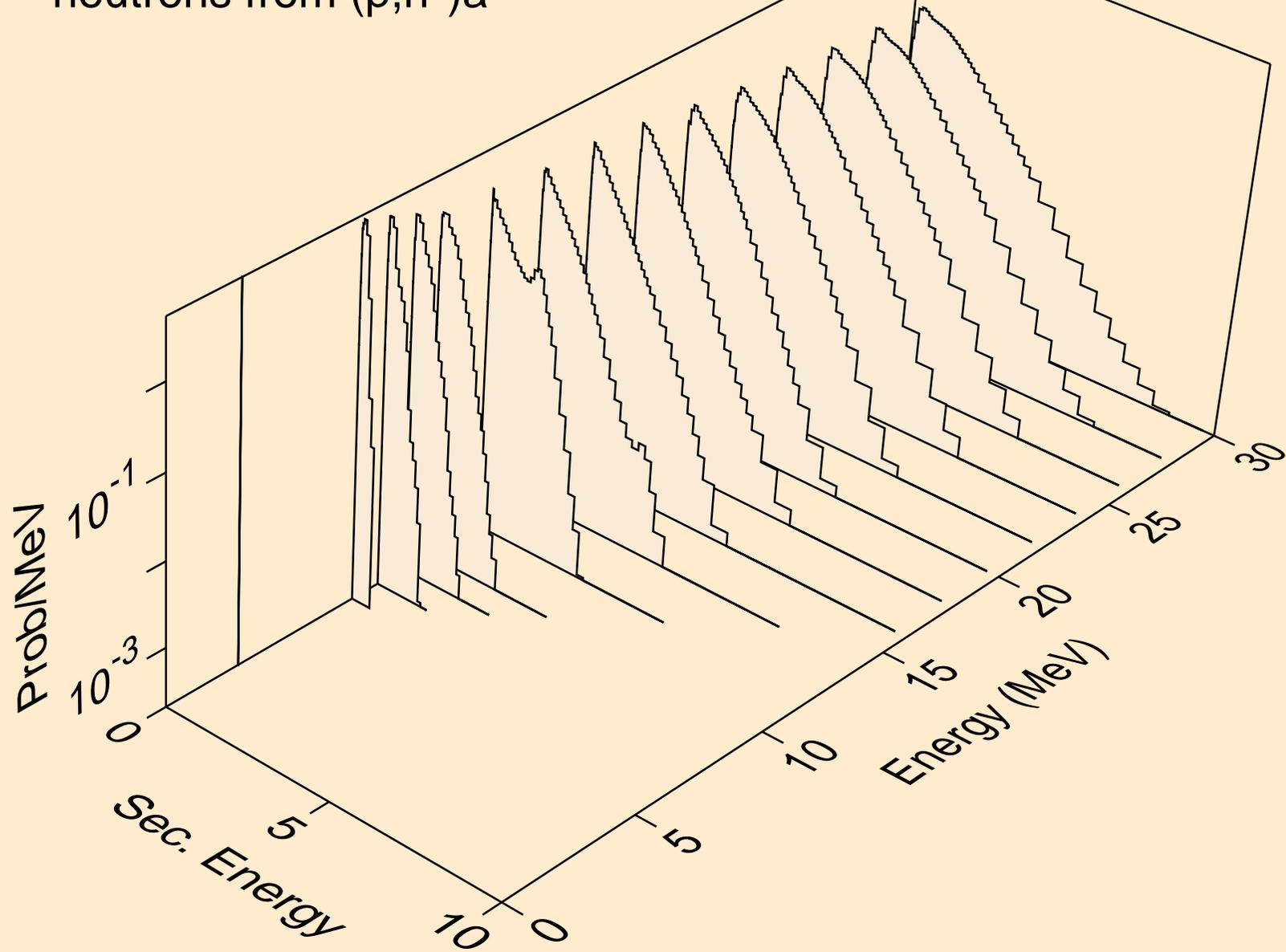
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,2n)



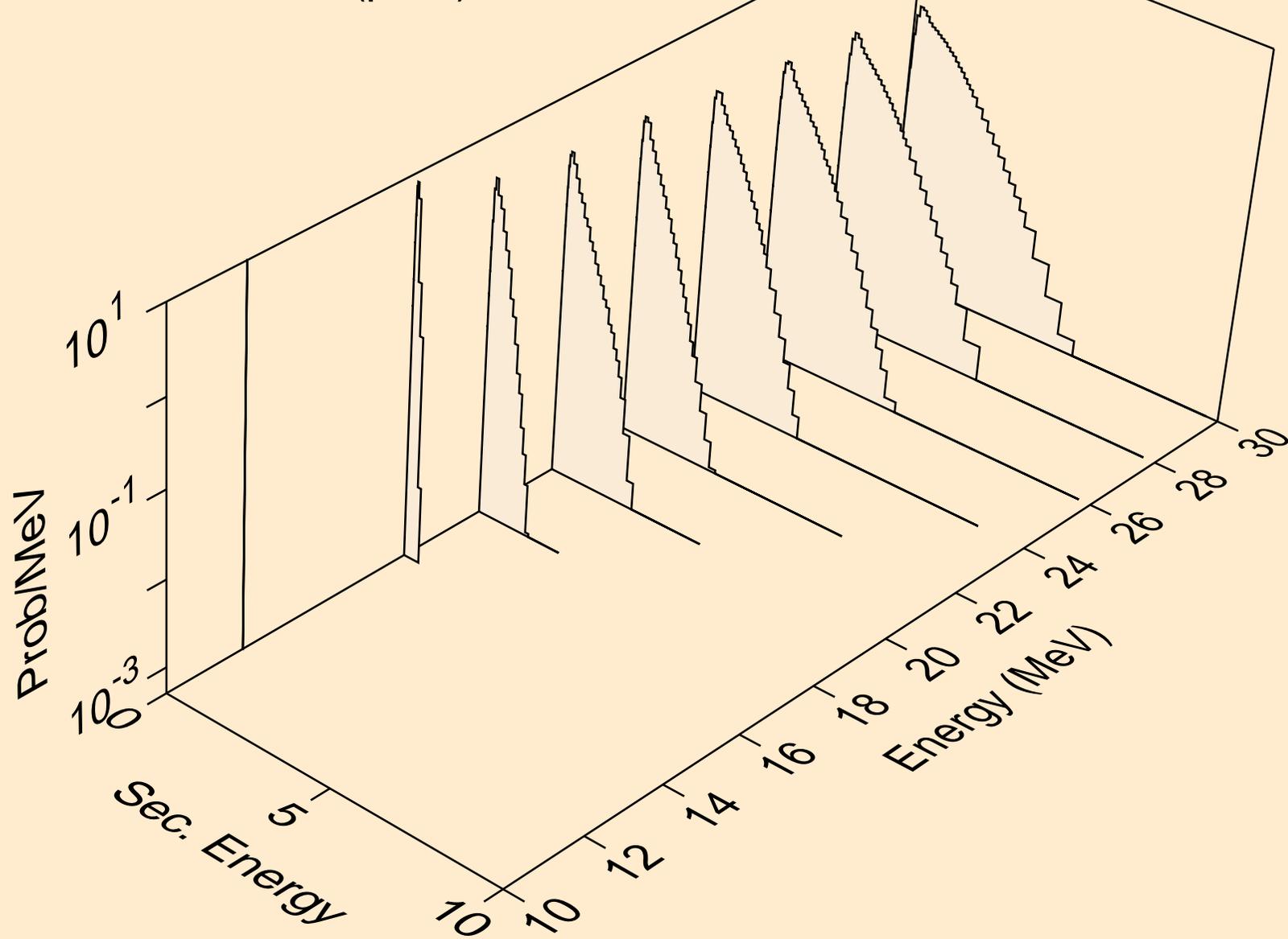
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,3n)



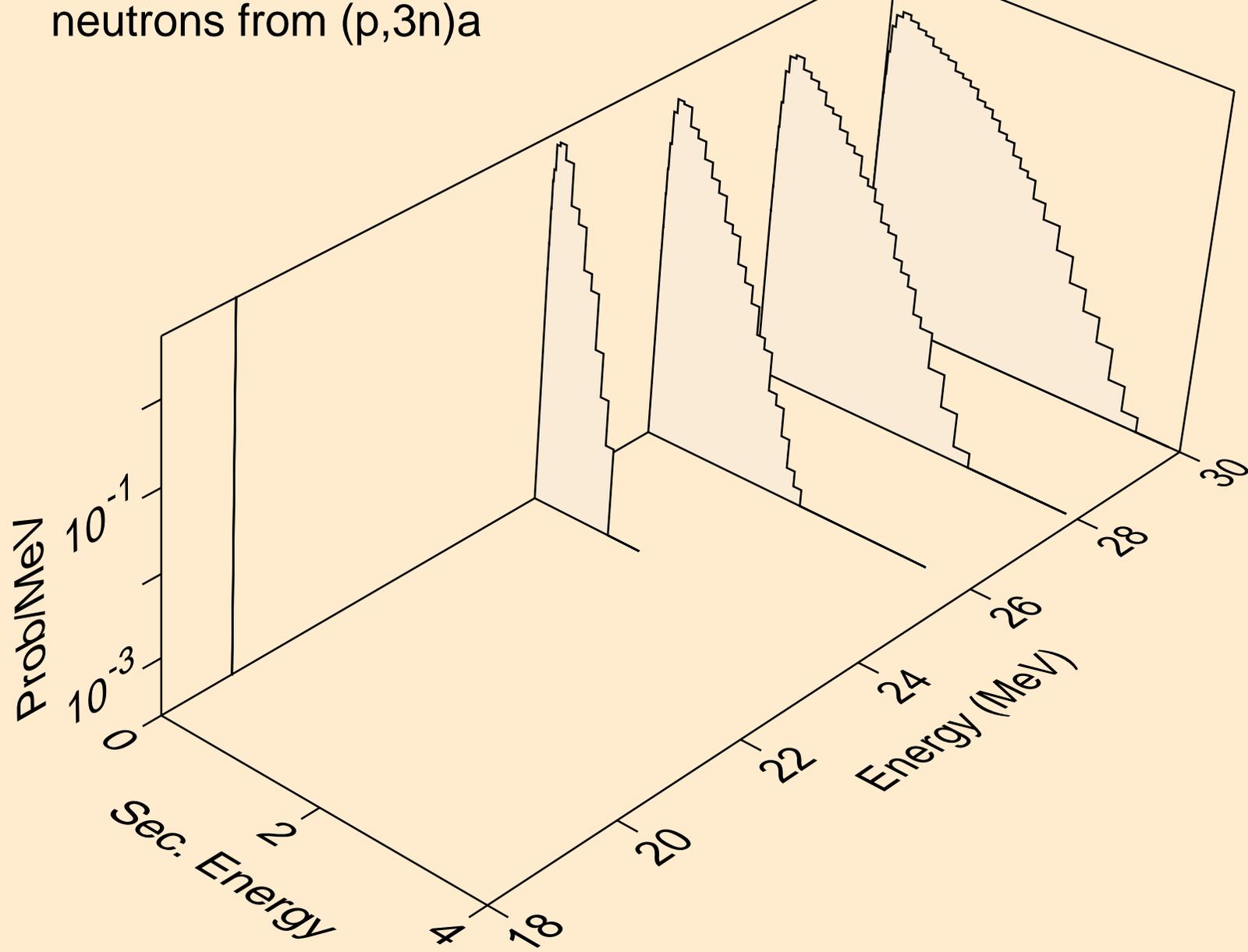
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n*)a



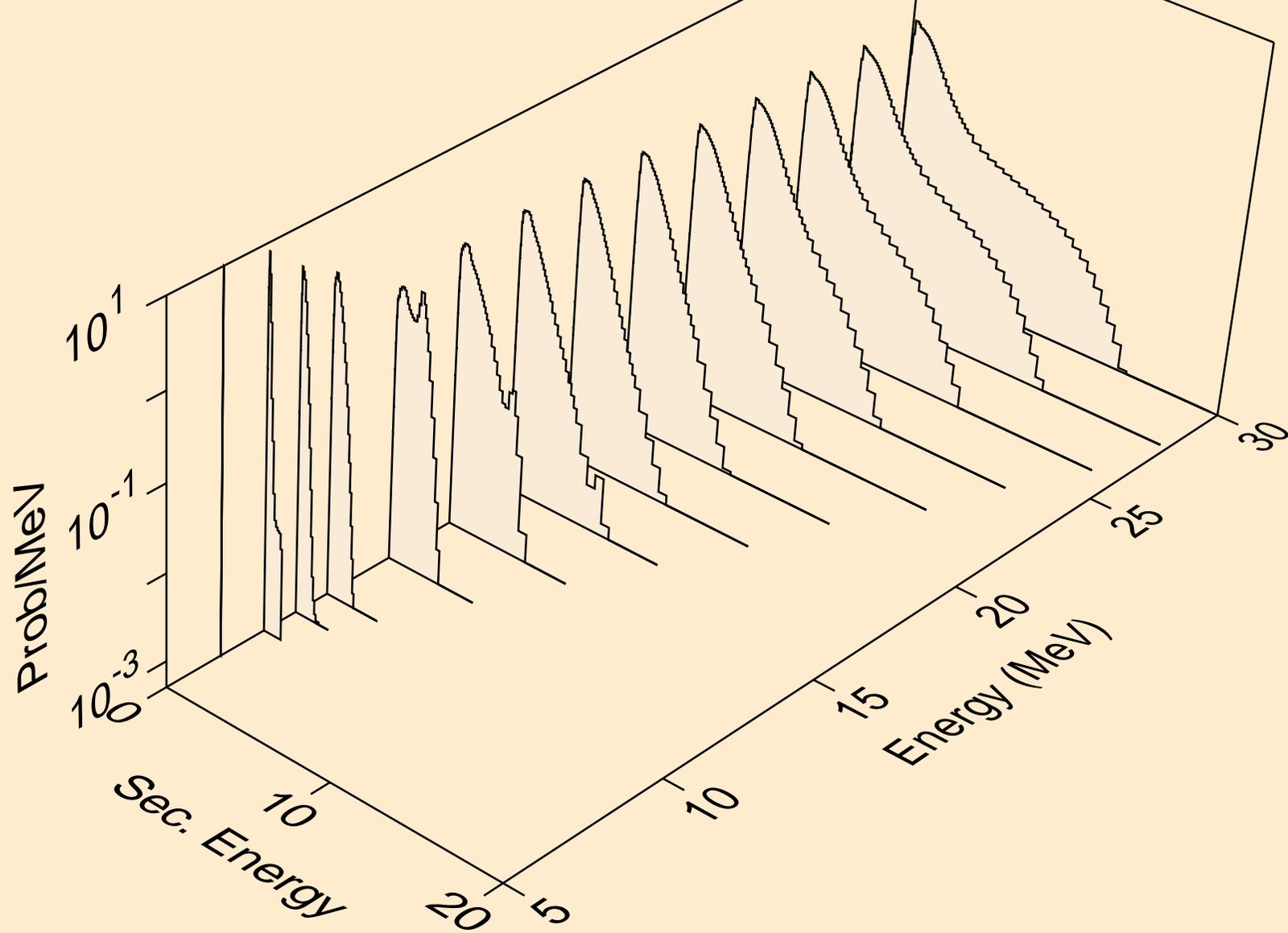
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,2n)a



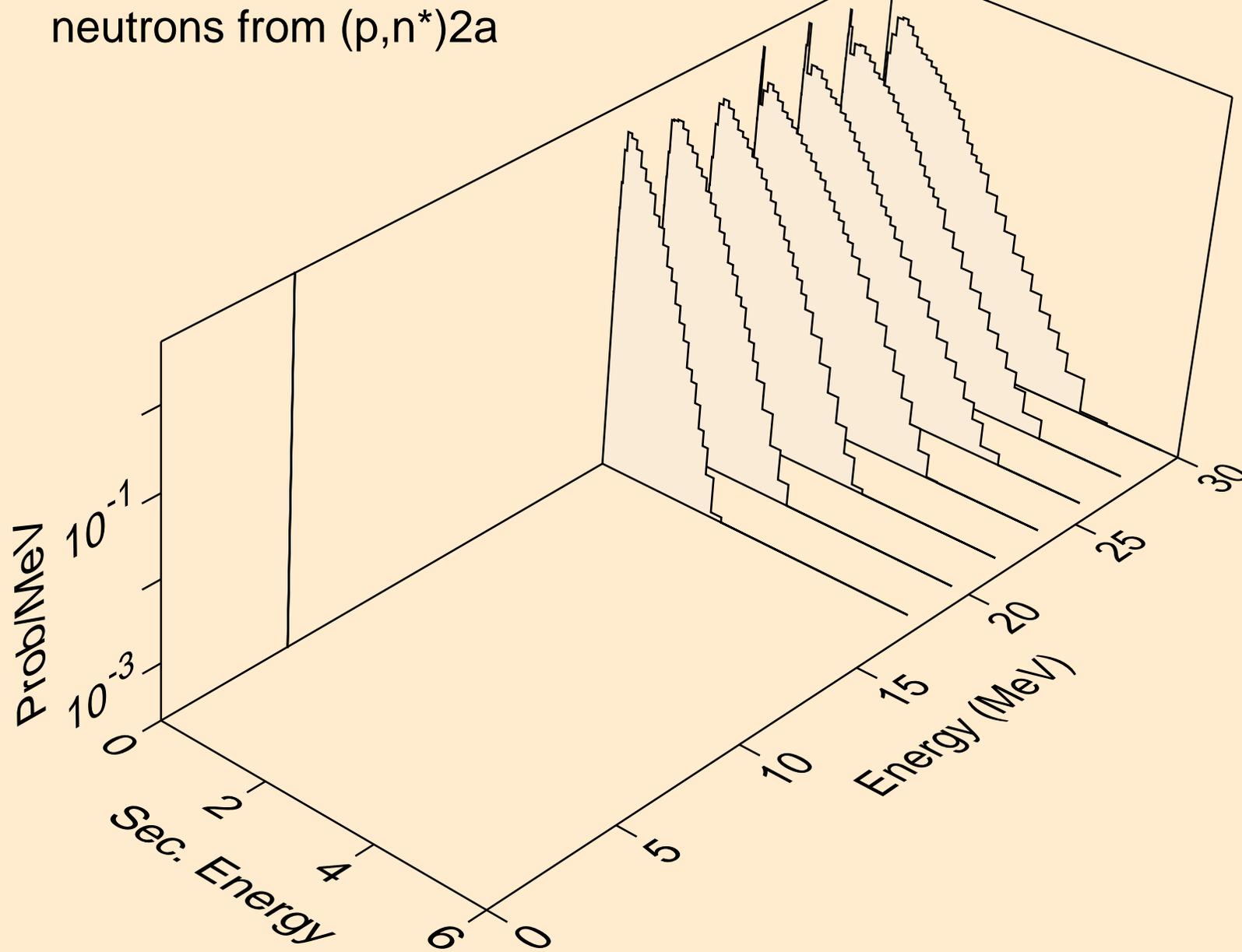
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,3n)a



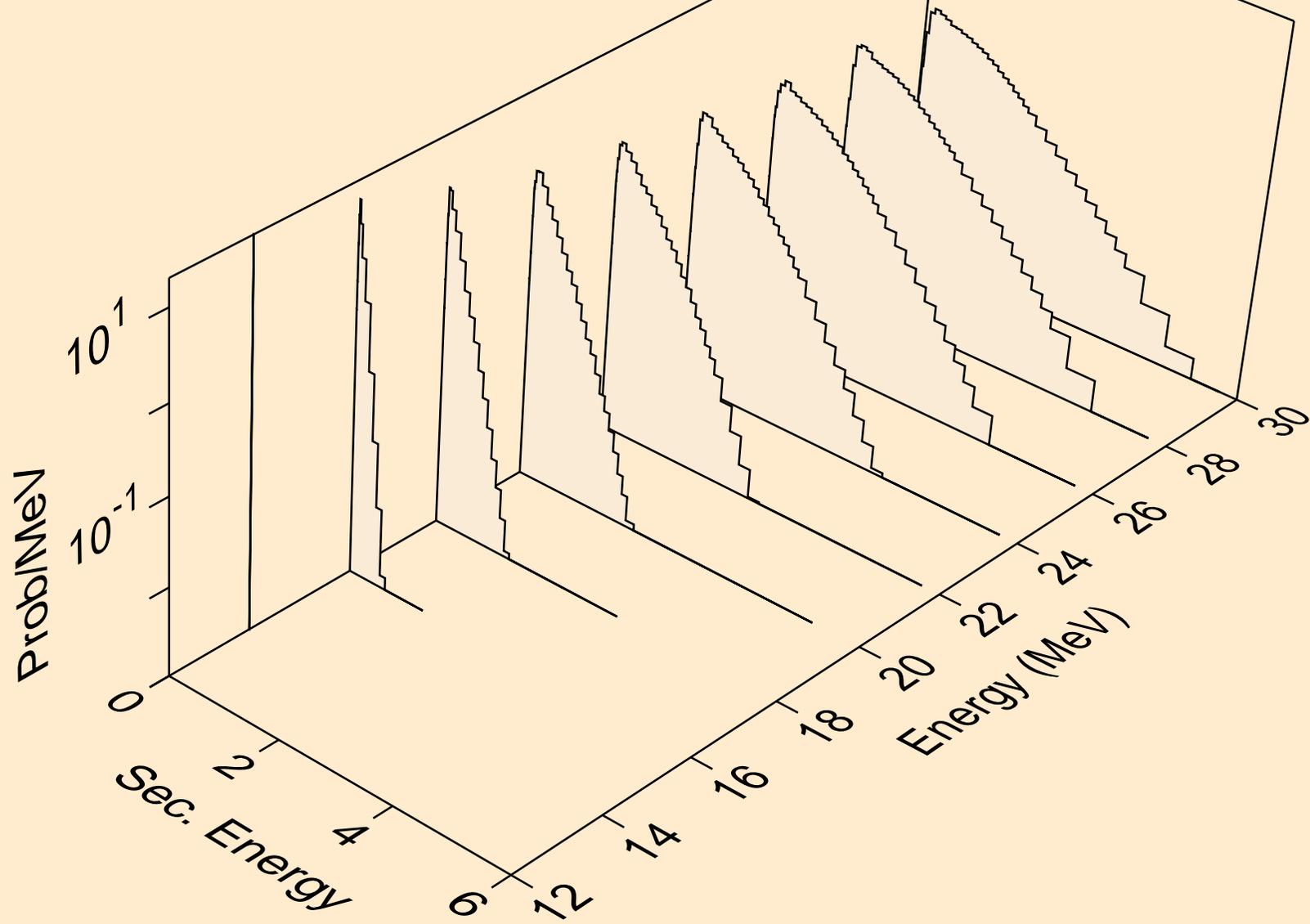
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n*)p



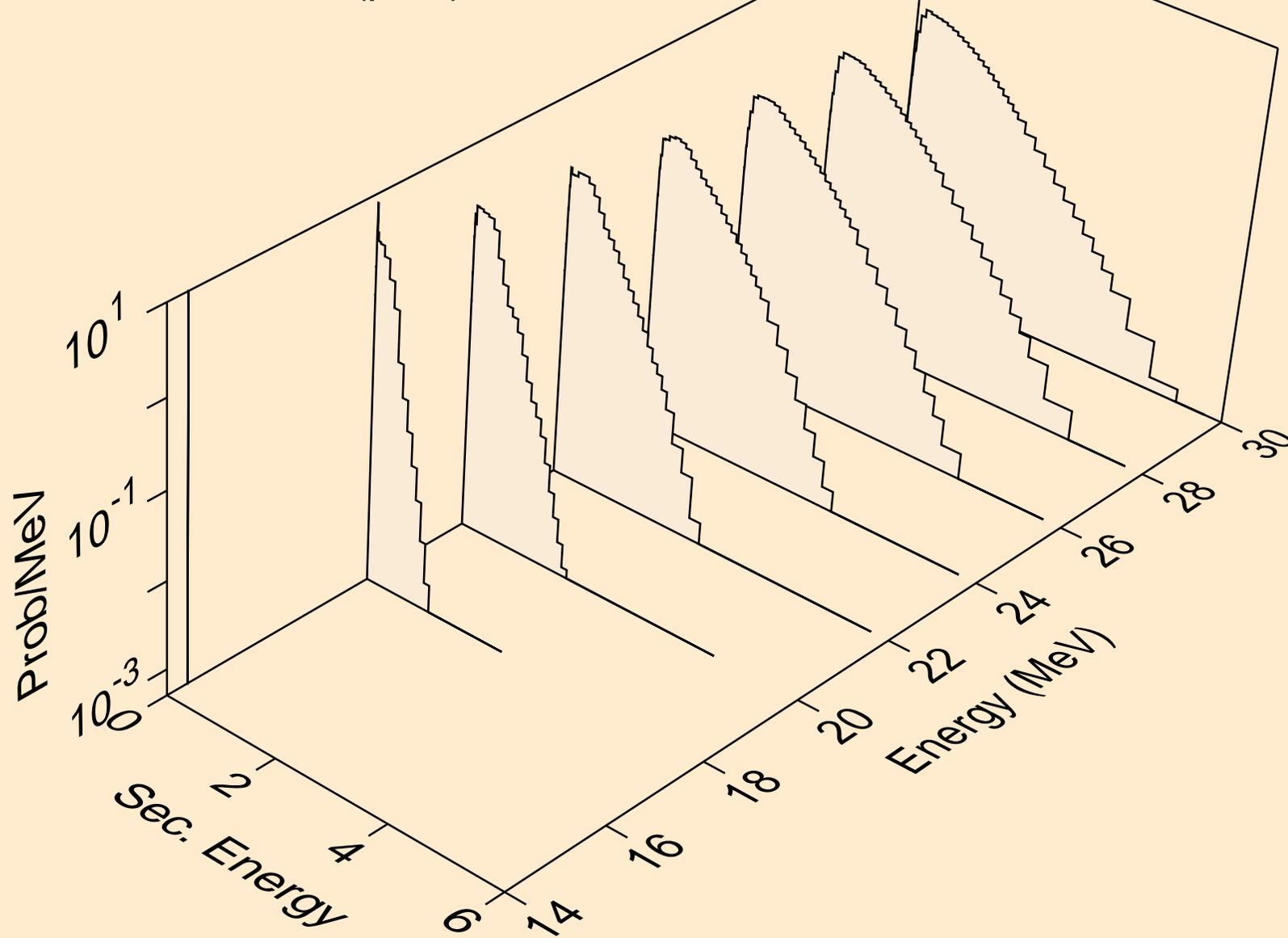
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n*)2a



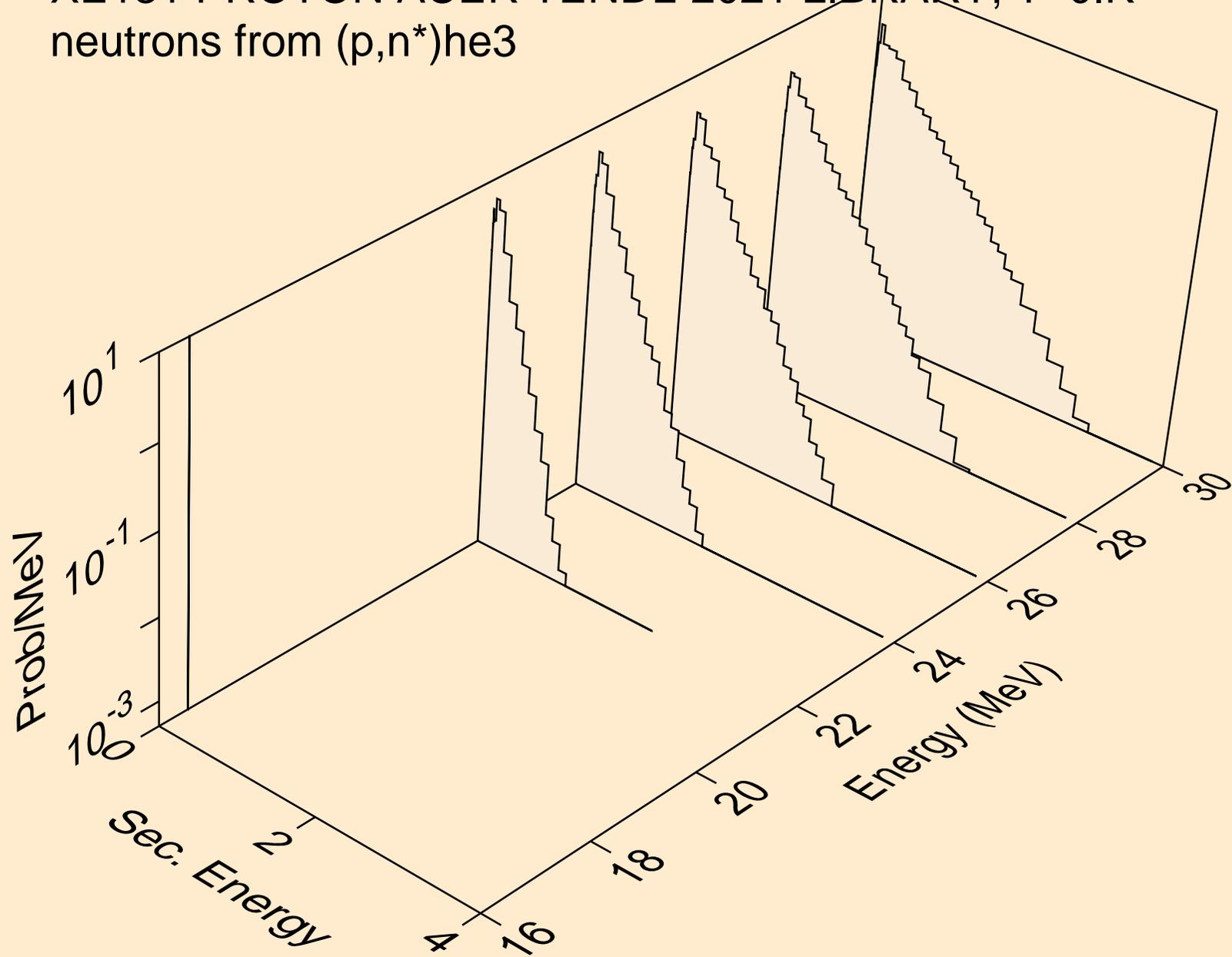
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n*)d



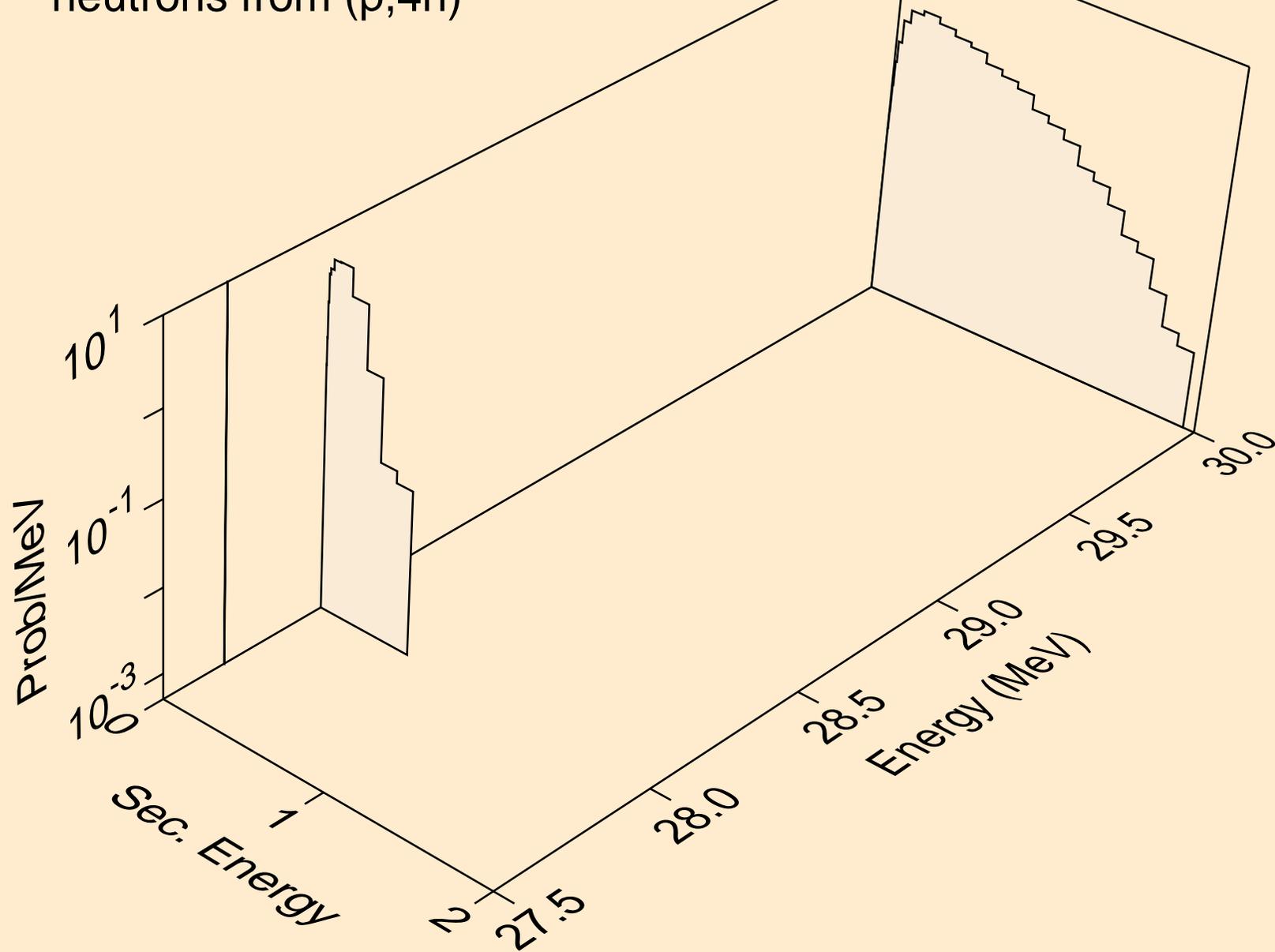
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n*)t



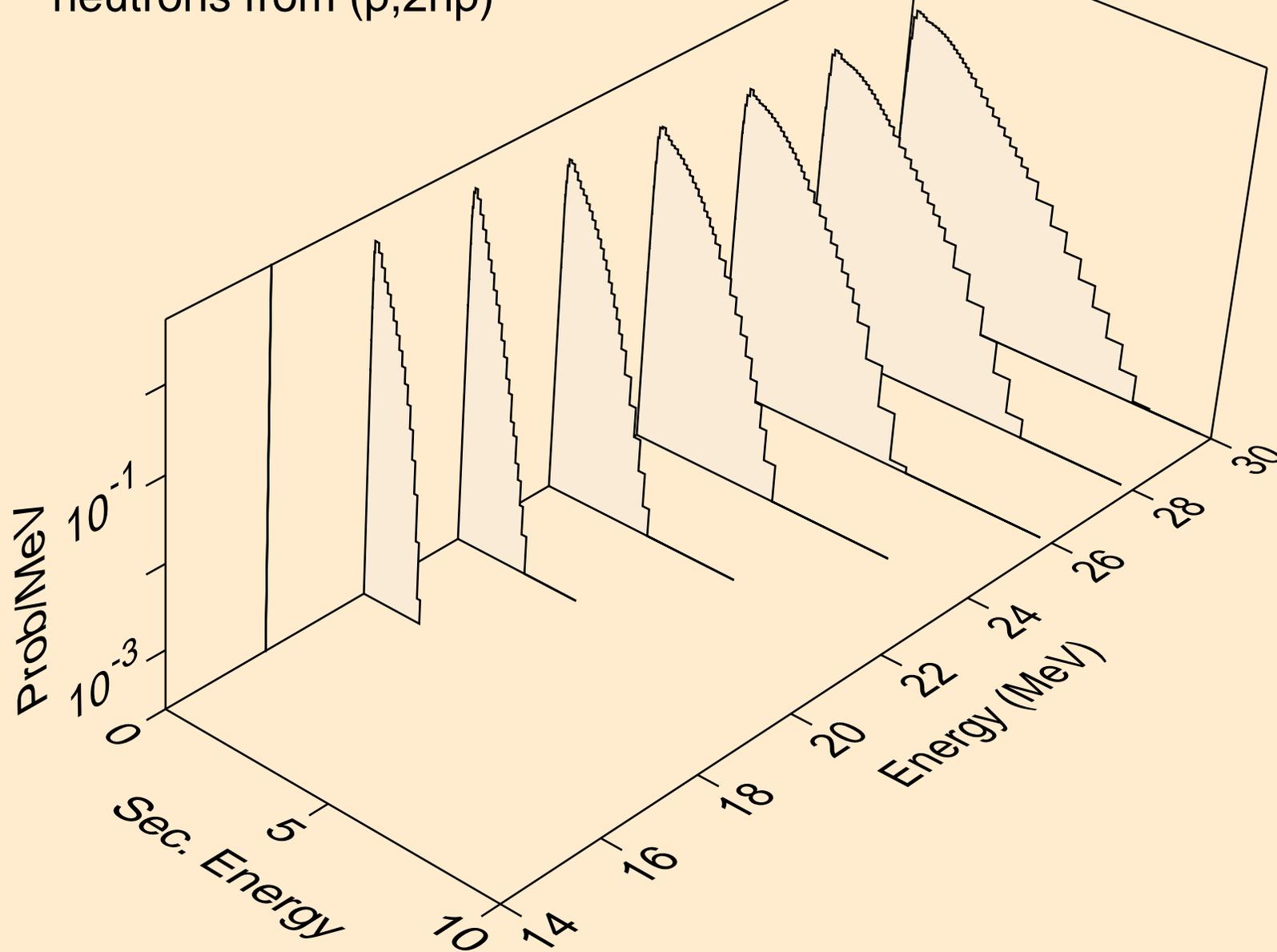
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n*)he3



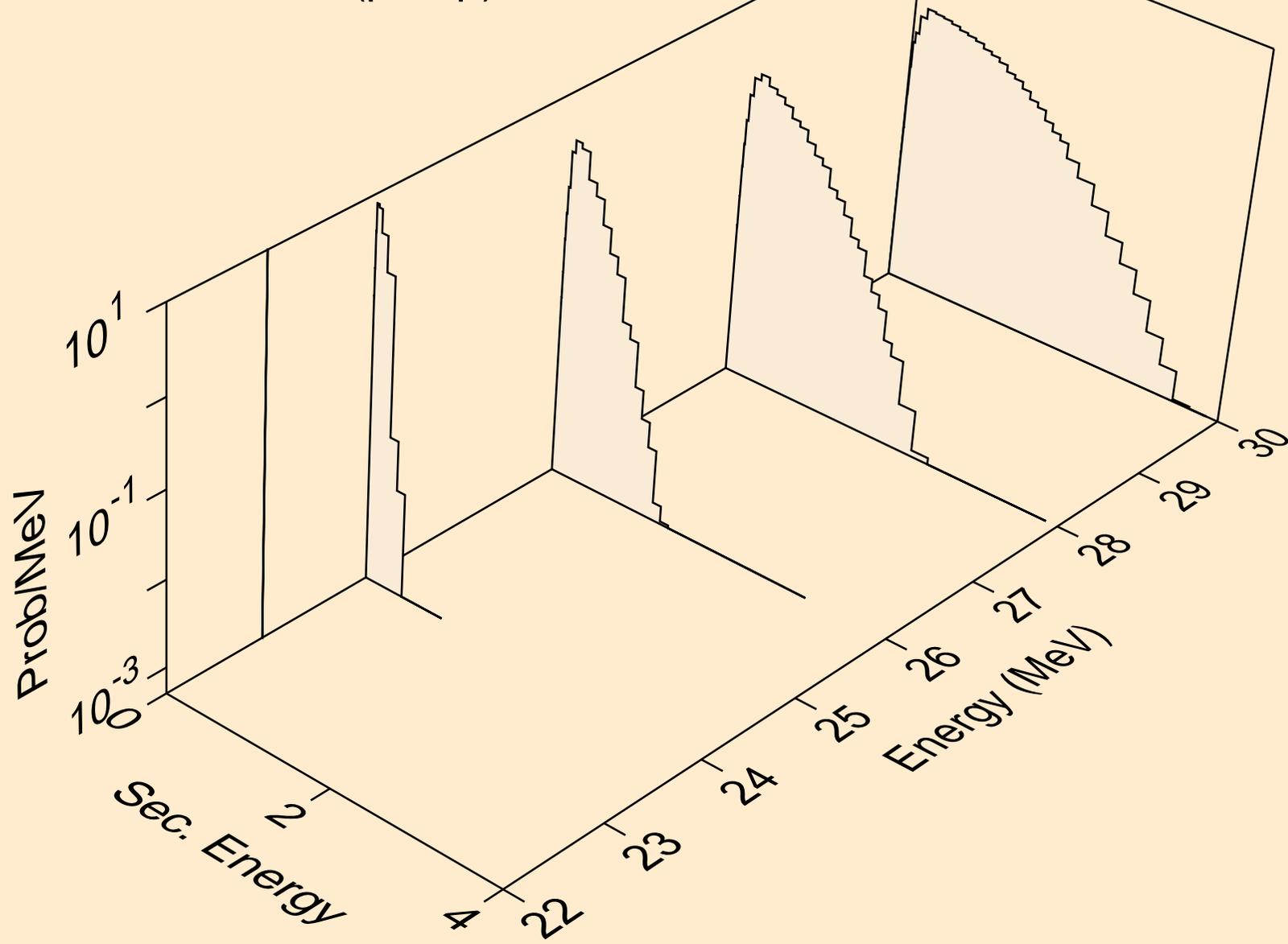
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,4n)



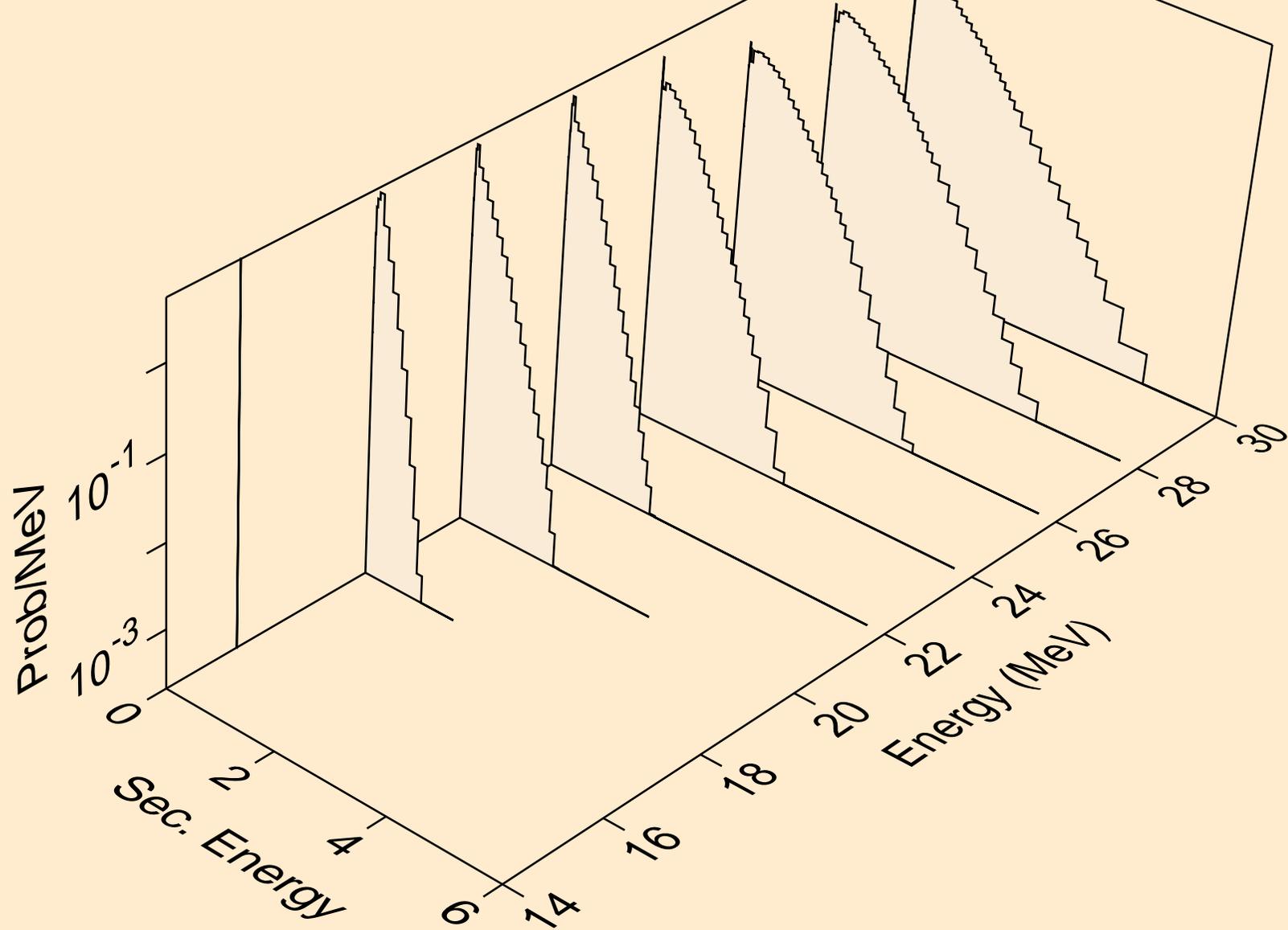
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,2np)



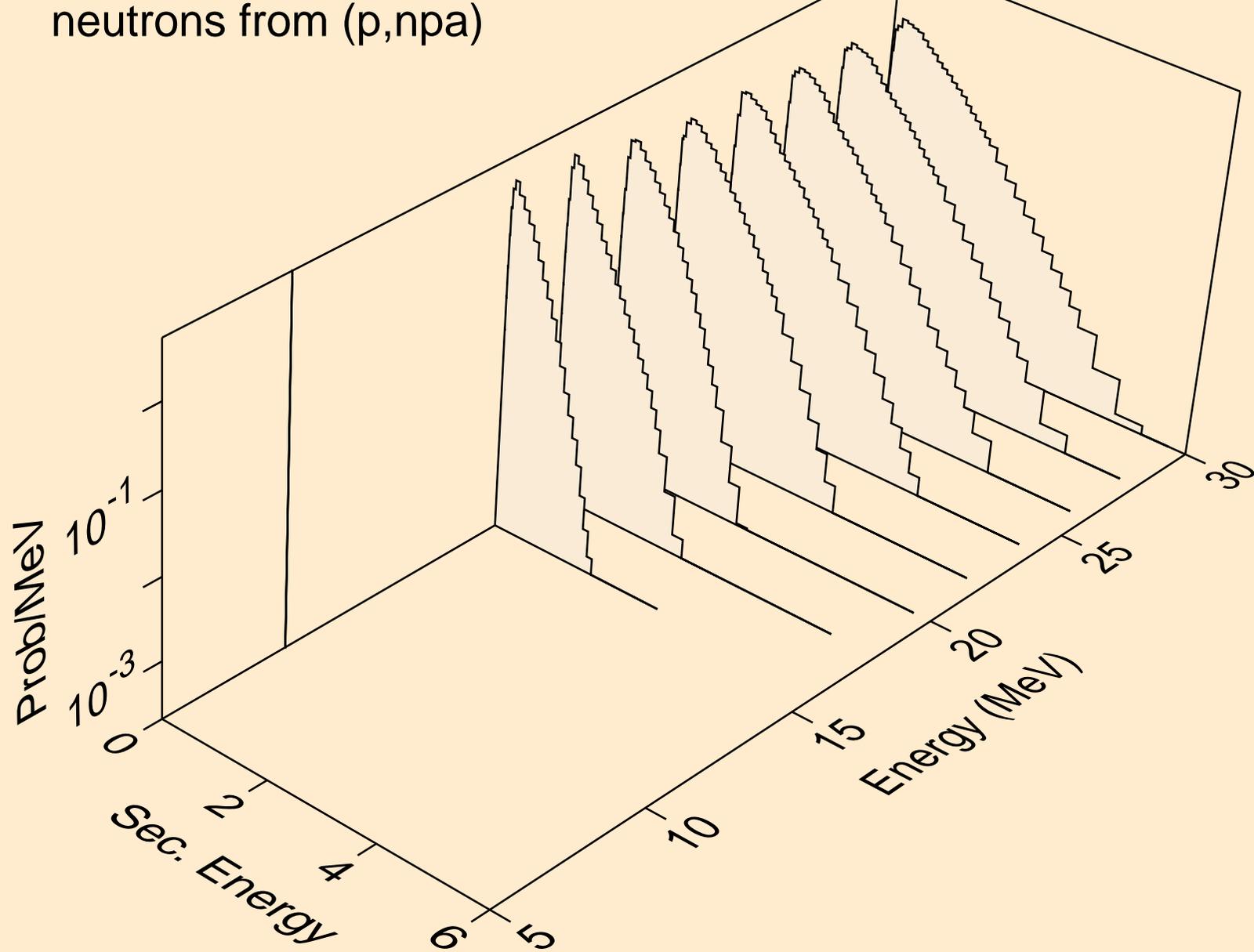
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,3np)



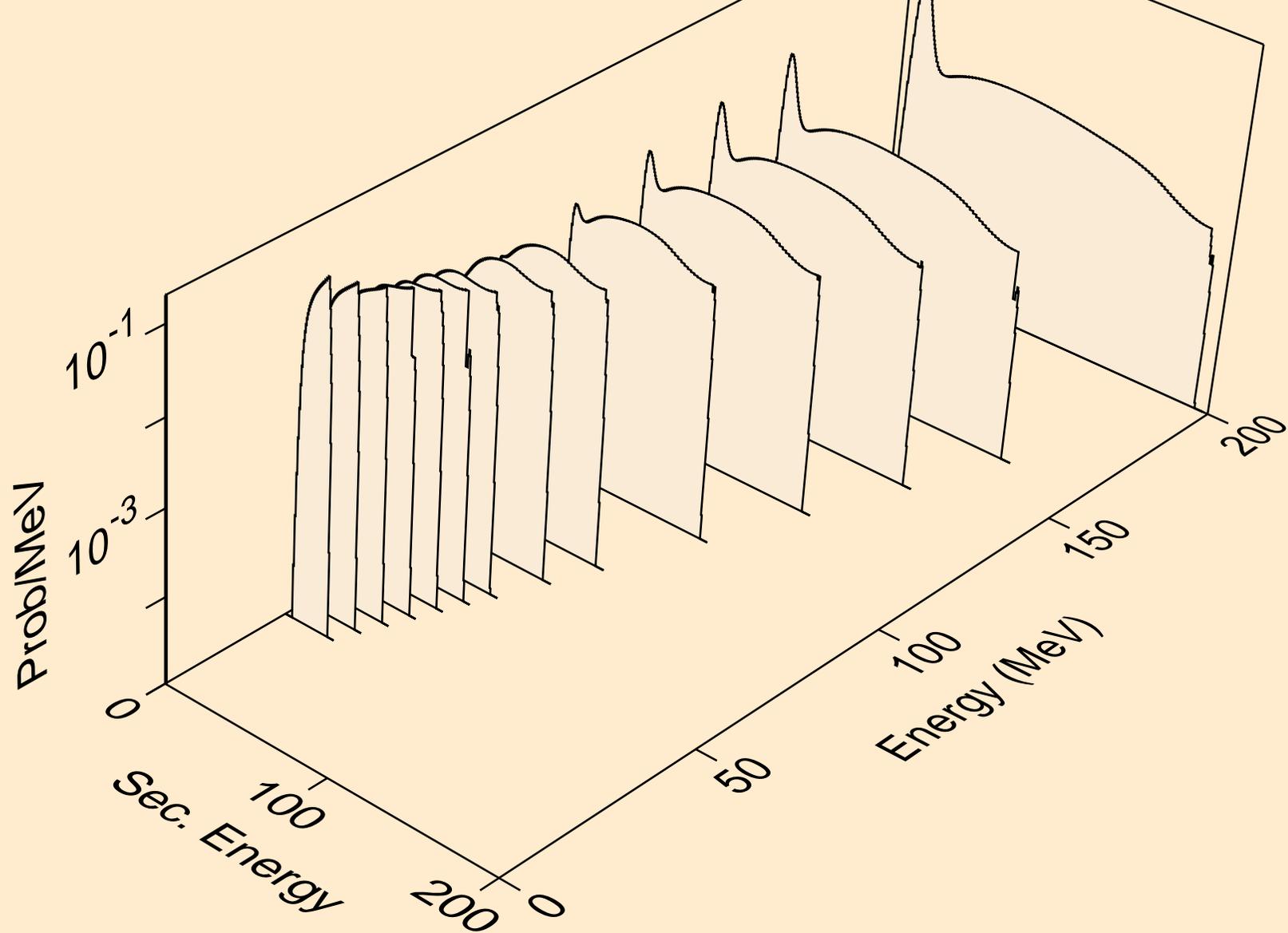
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,2np)



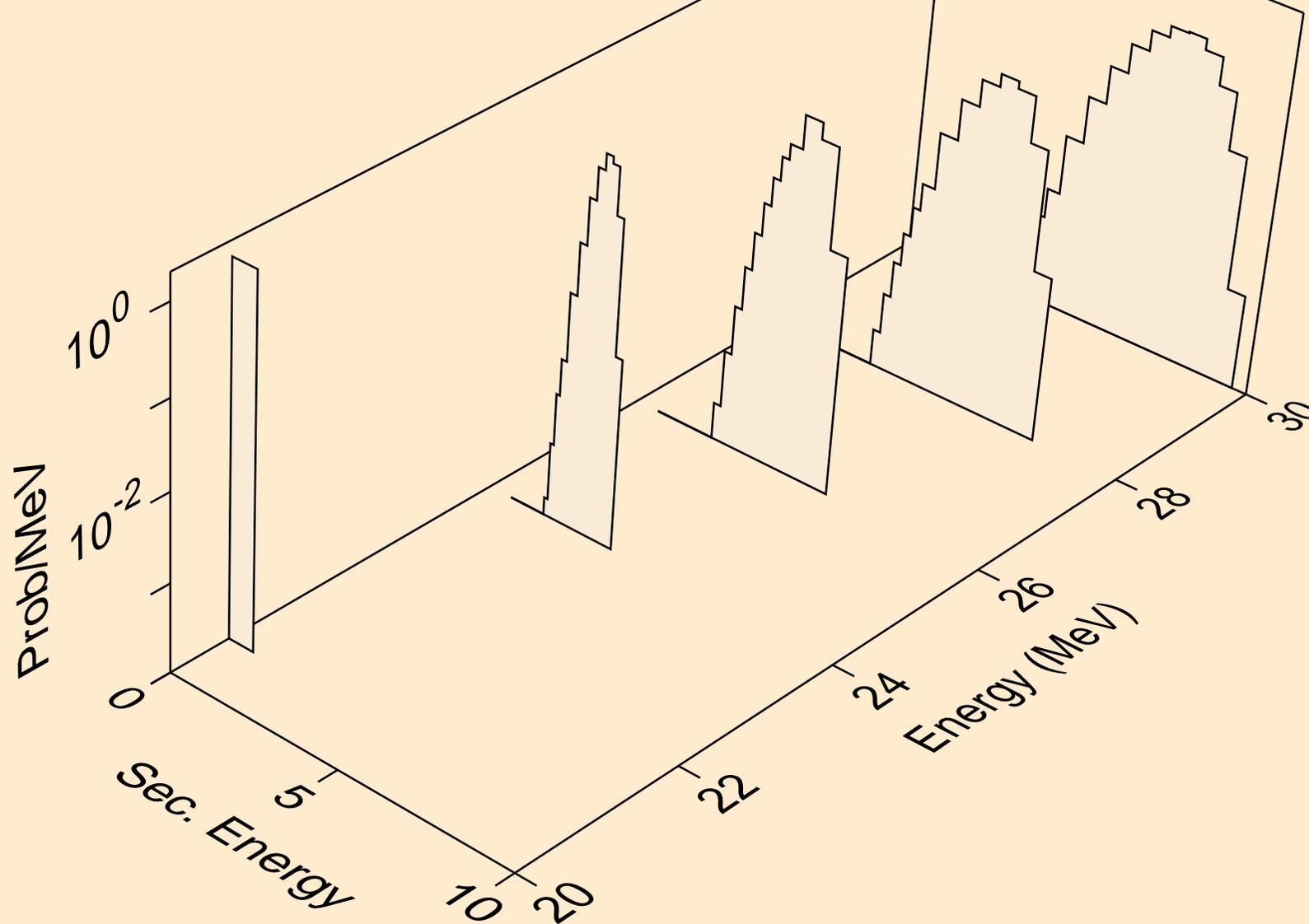
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,npa)



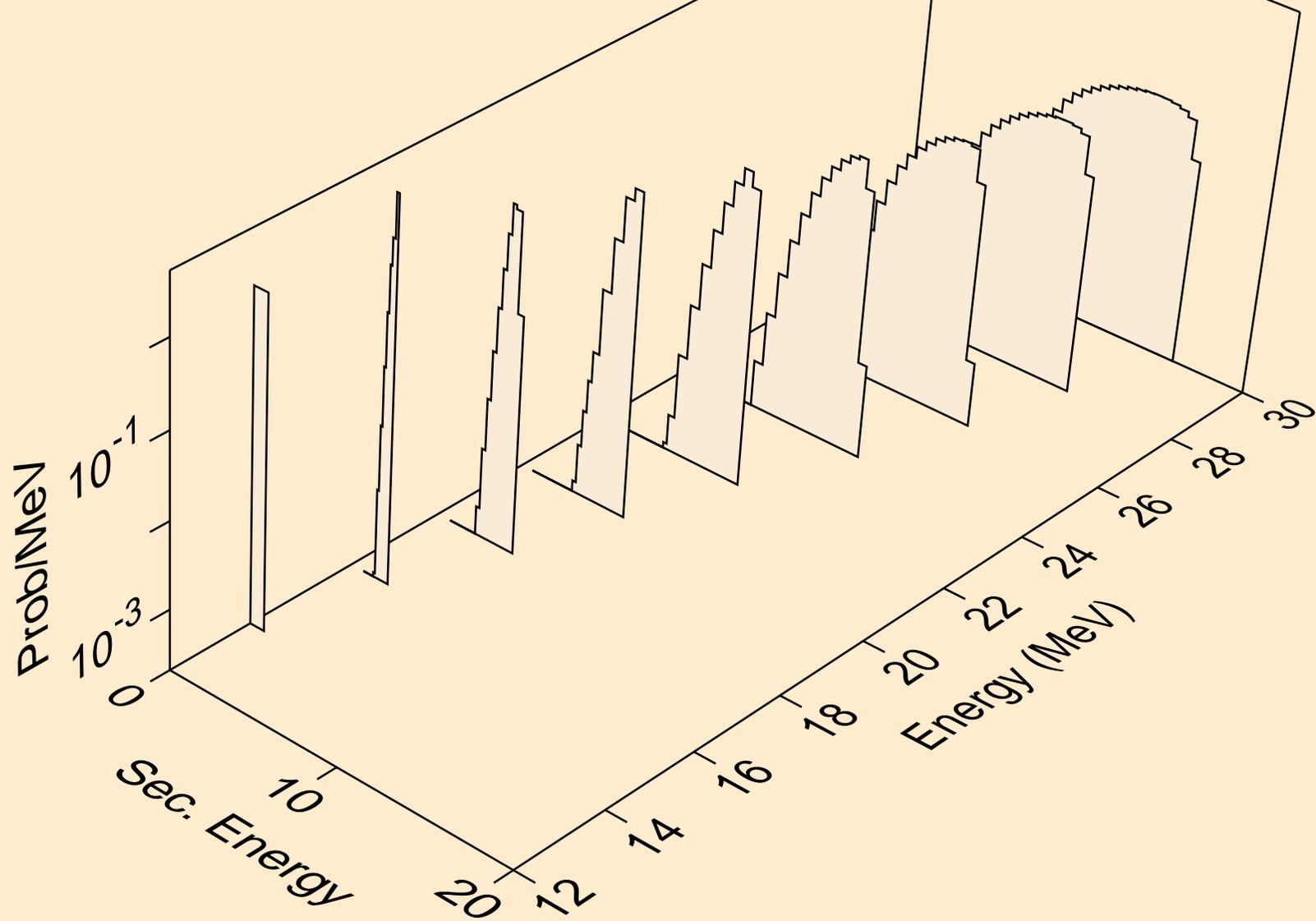
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (p,x)



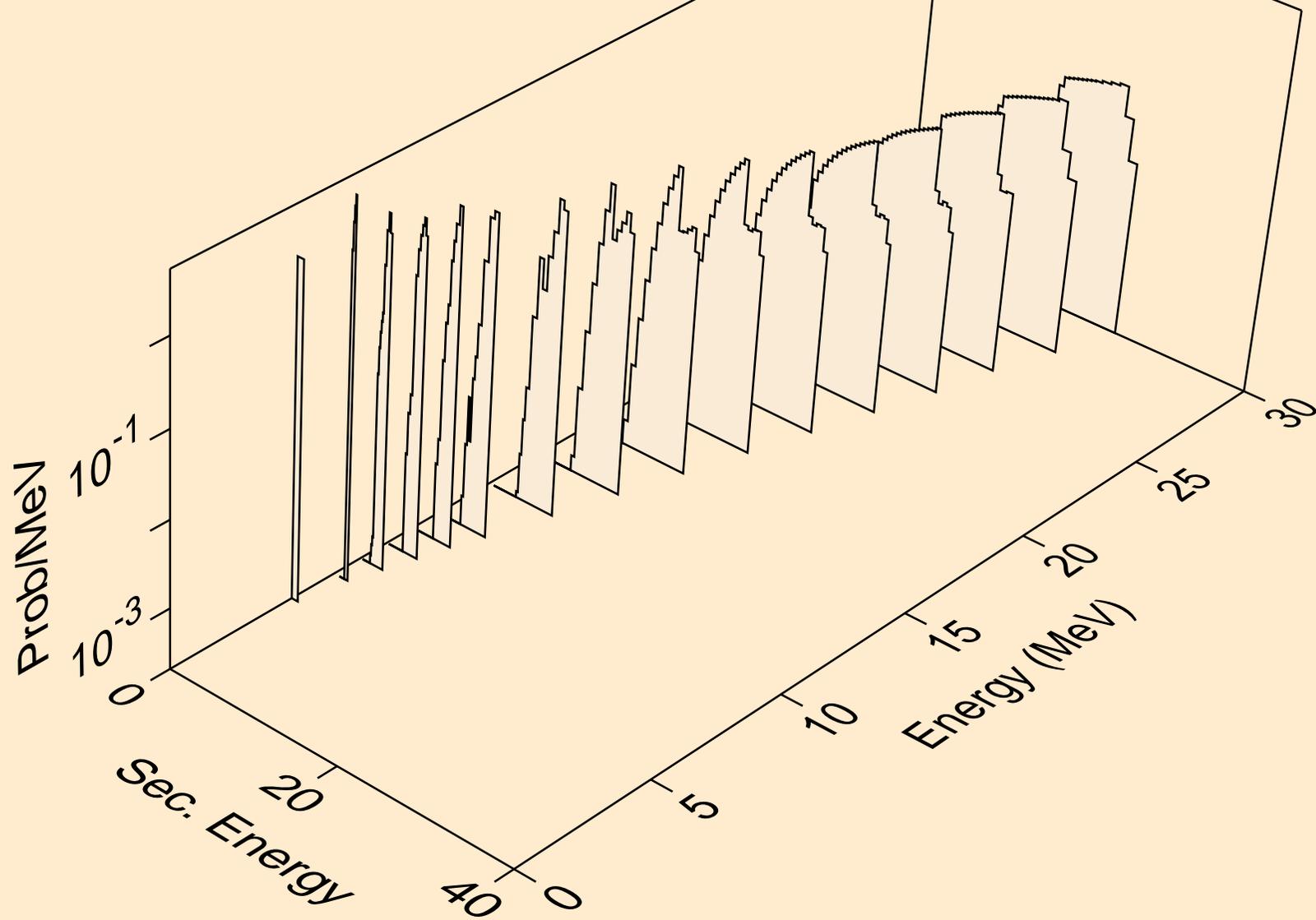
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (p,2nd)



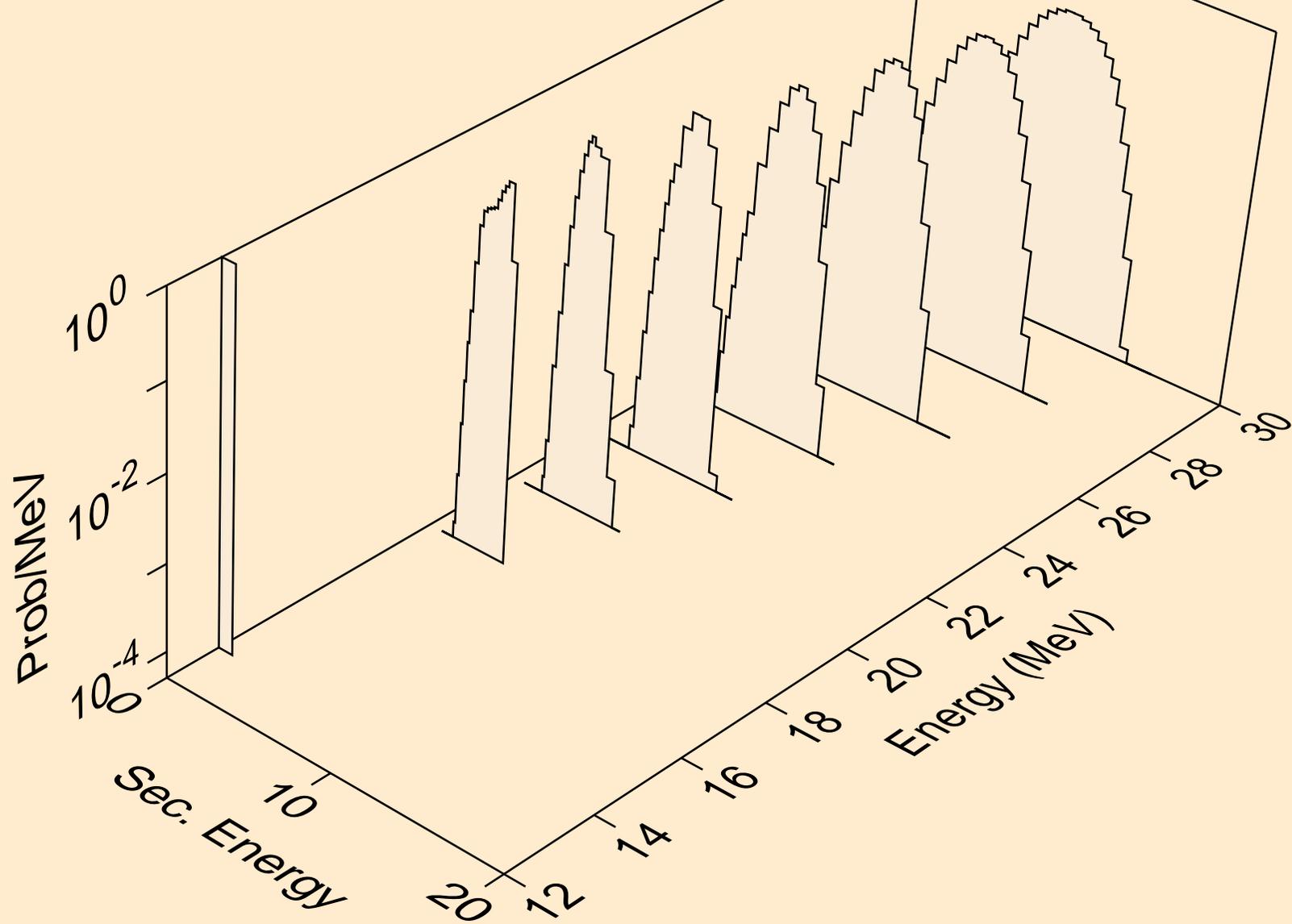
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (p,n*)d



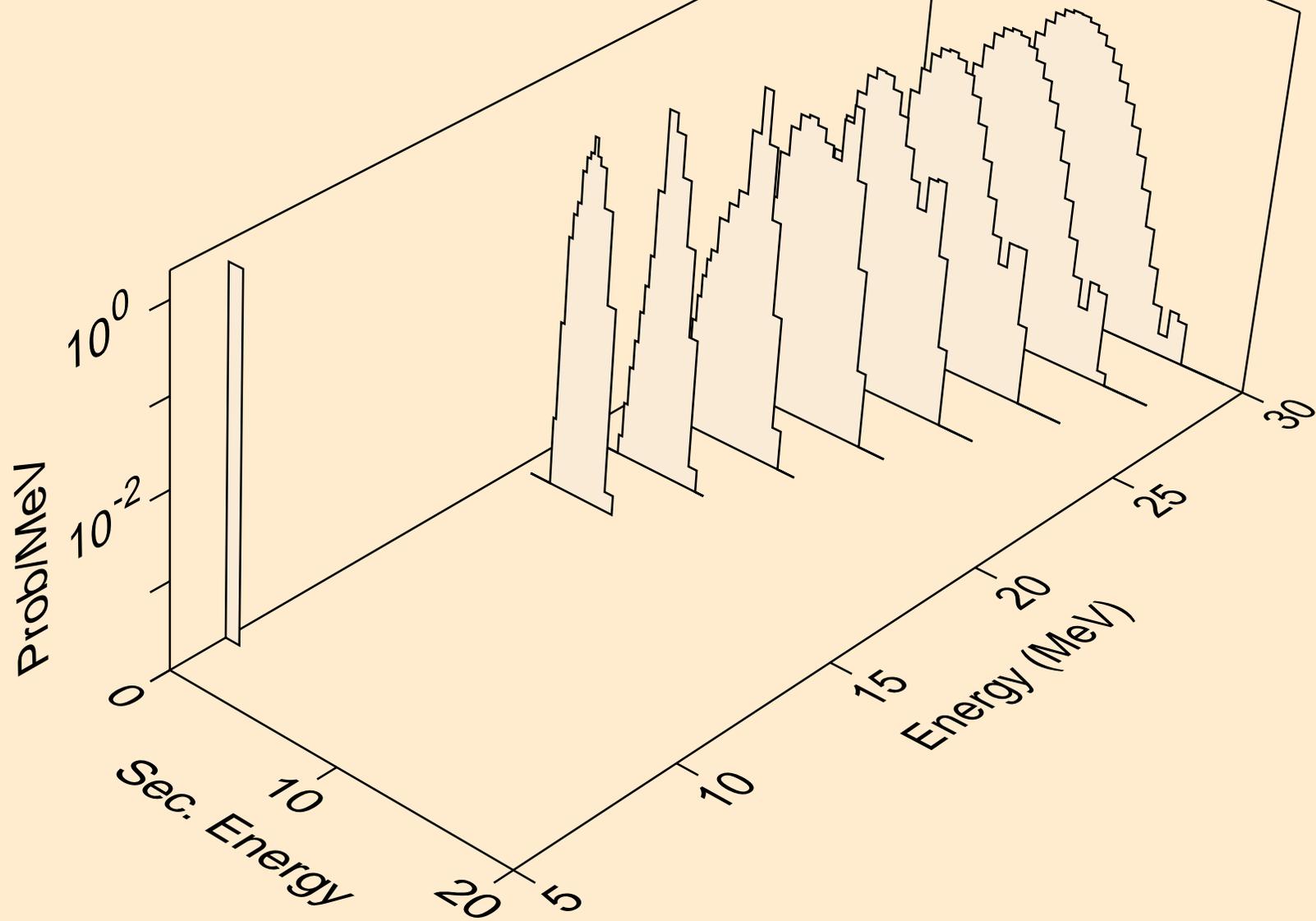
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (p,d)



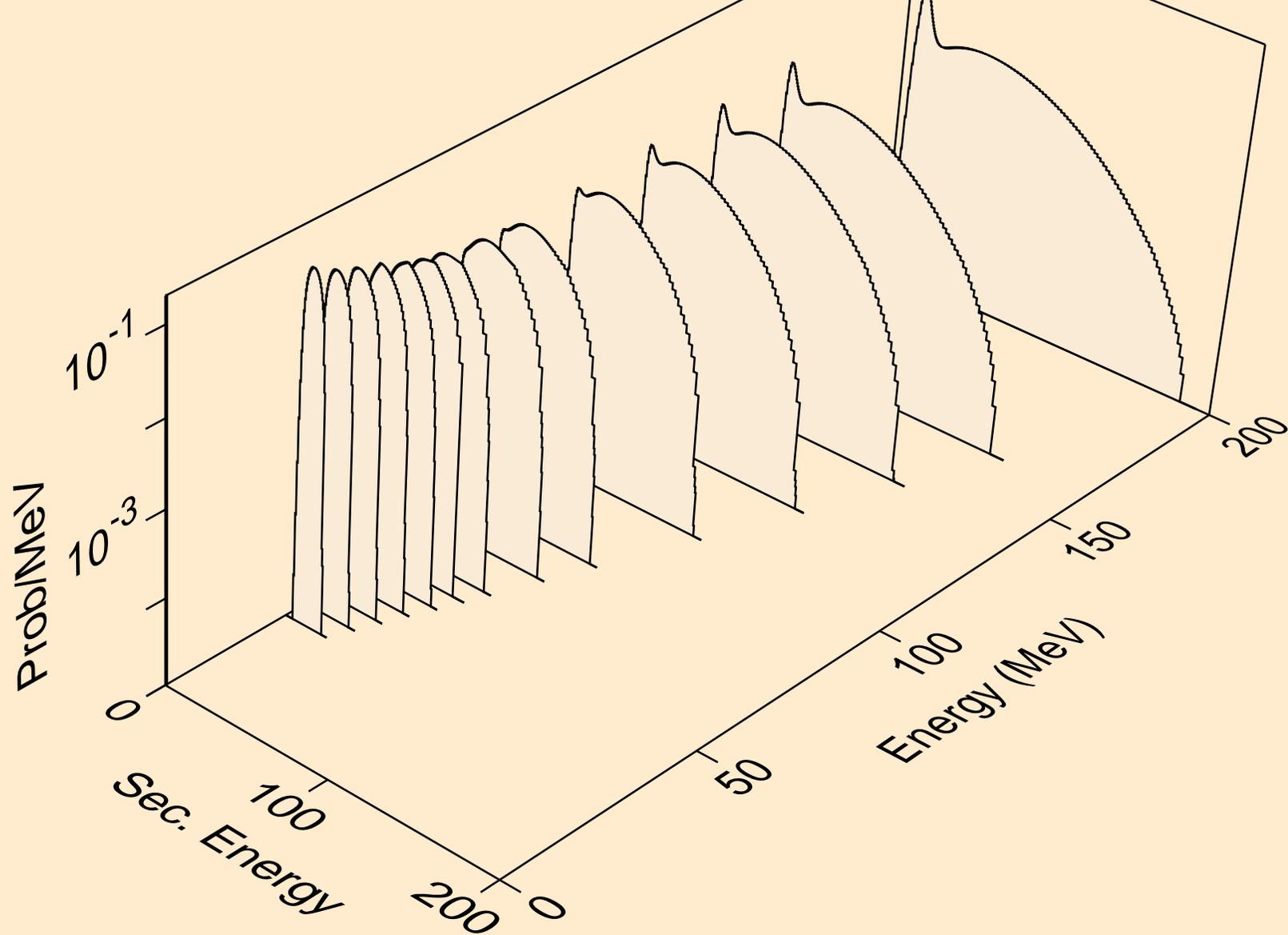
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (p,pd)



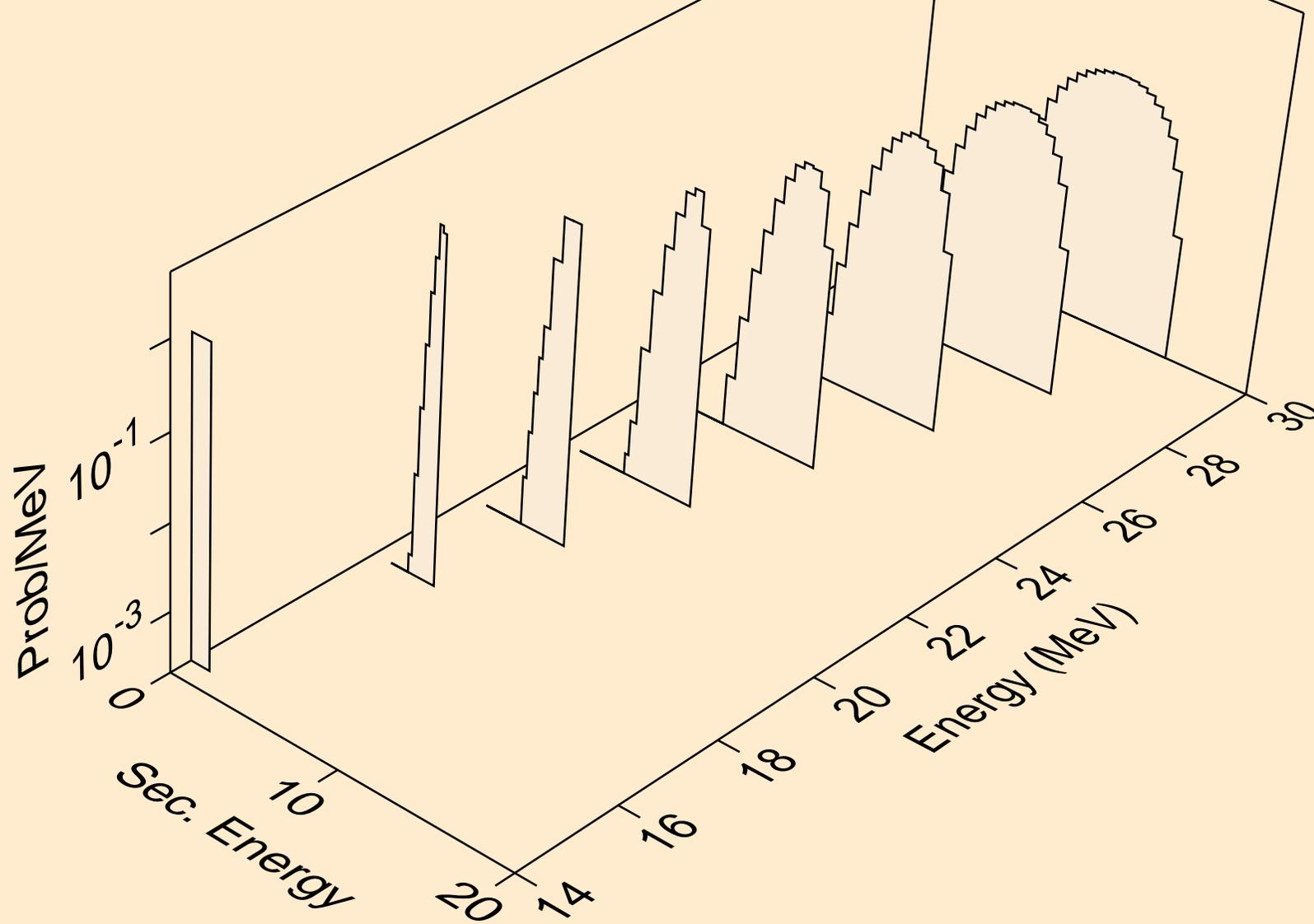
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (p,da)



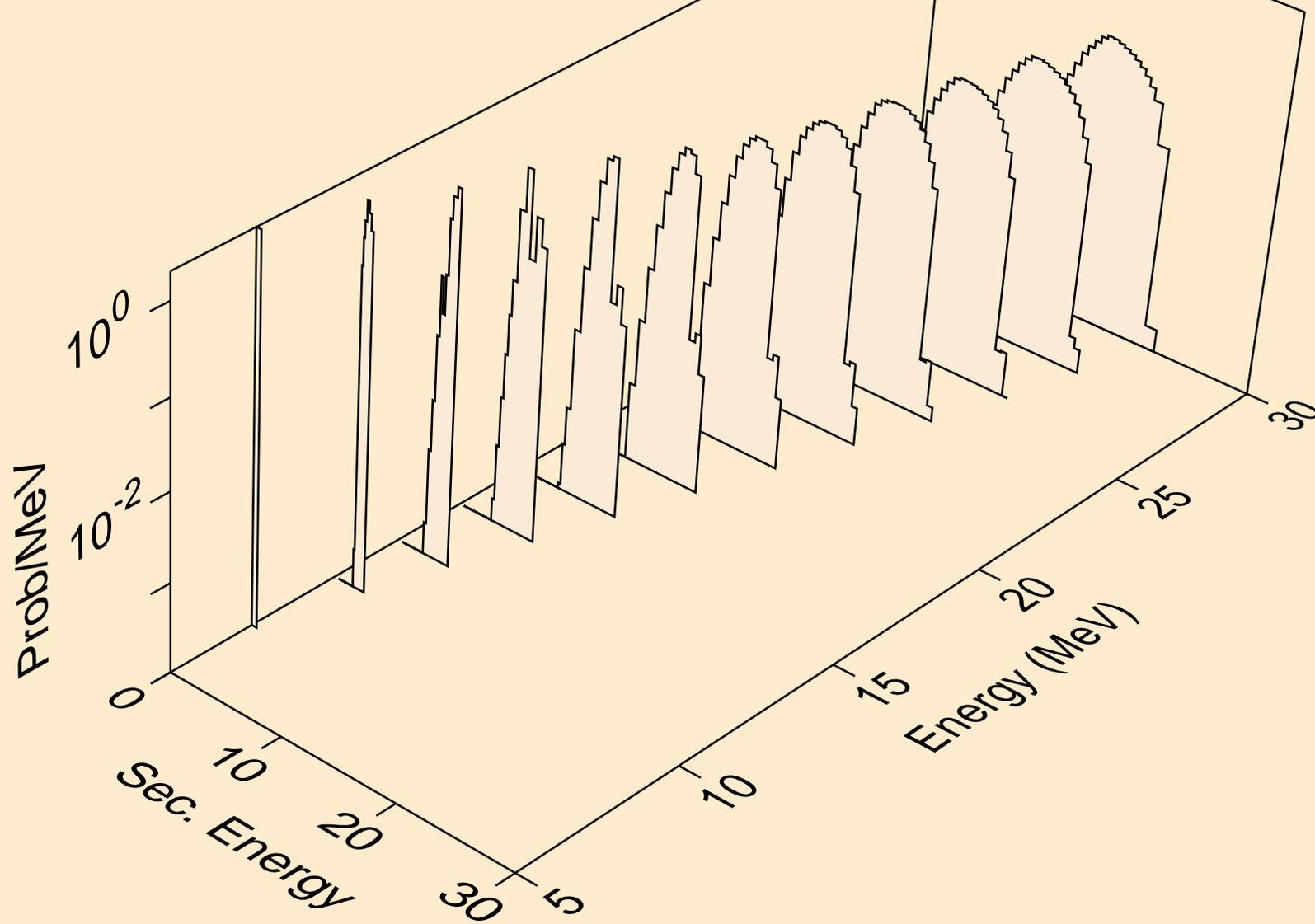
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
tritons from (p,x)



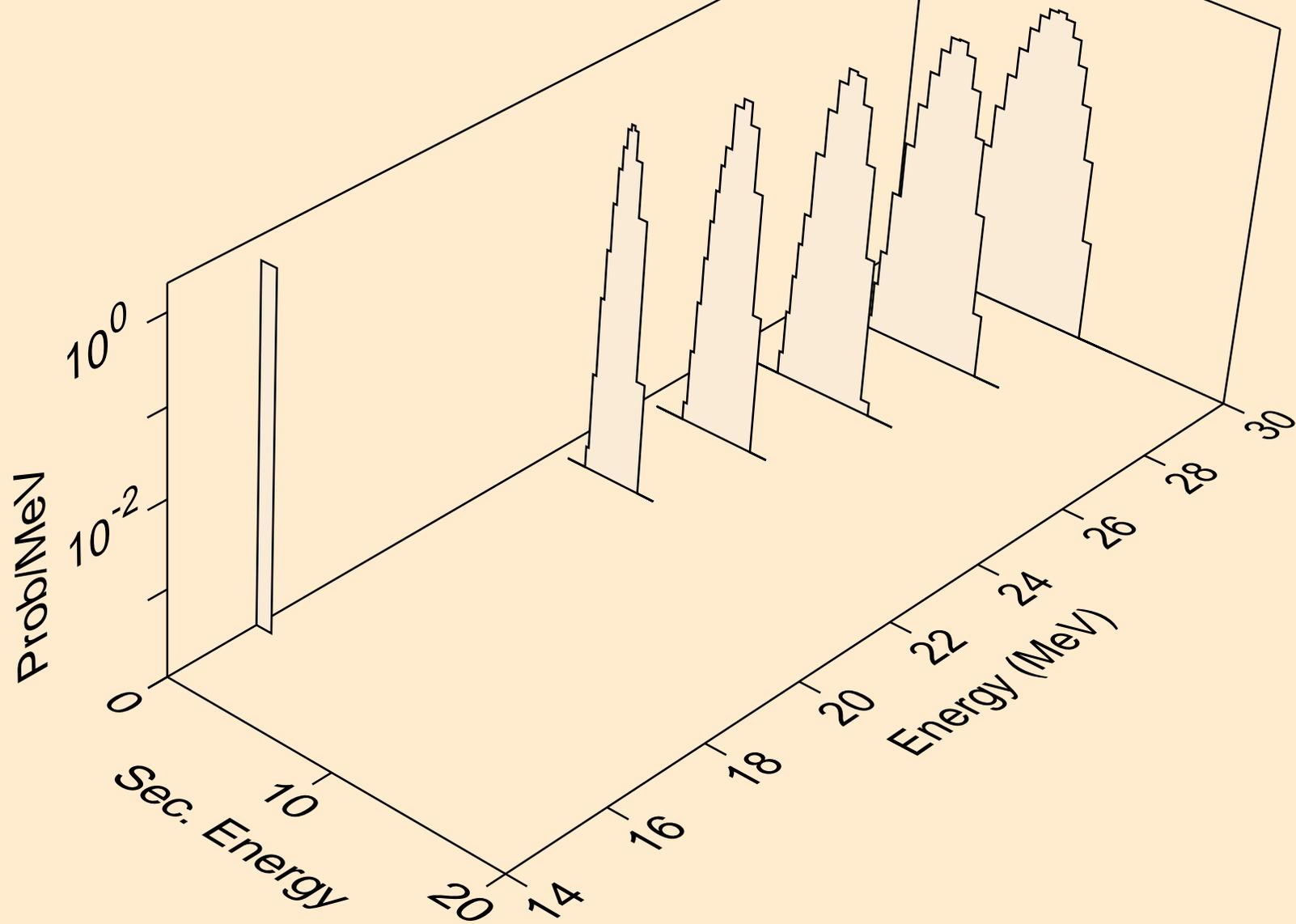
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
tritons from (p,n*)t



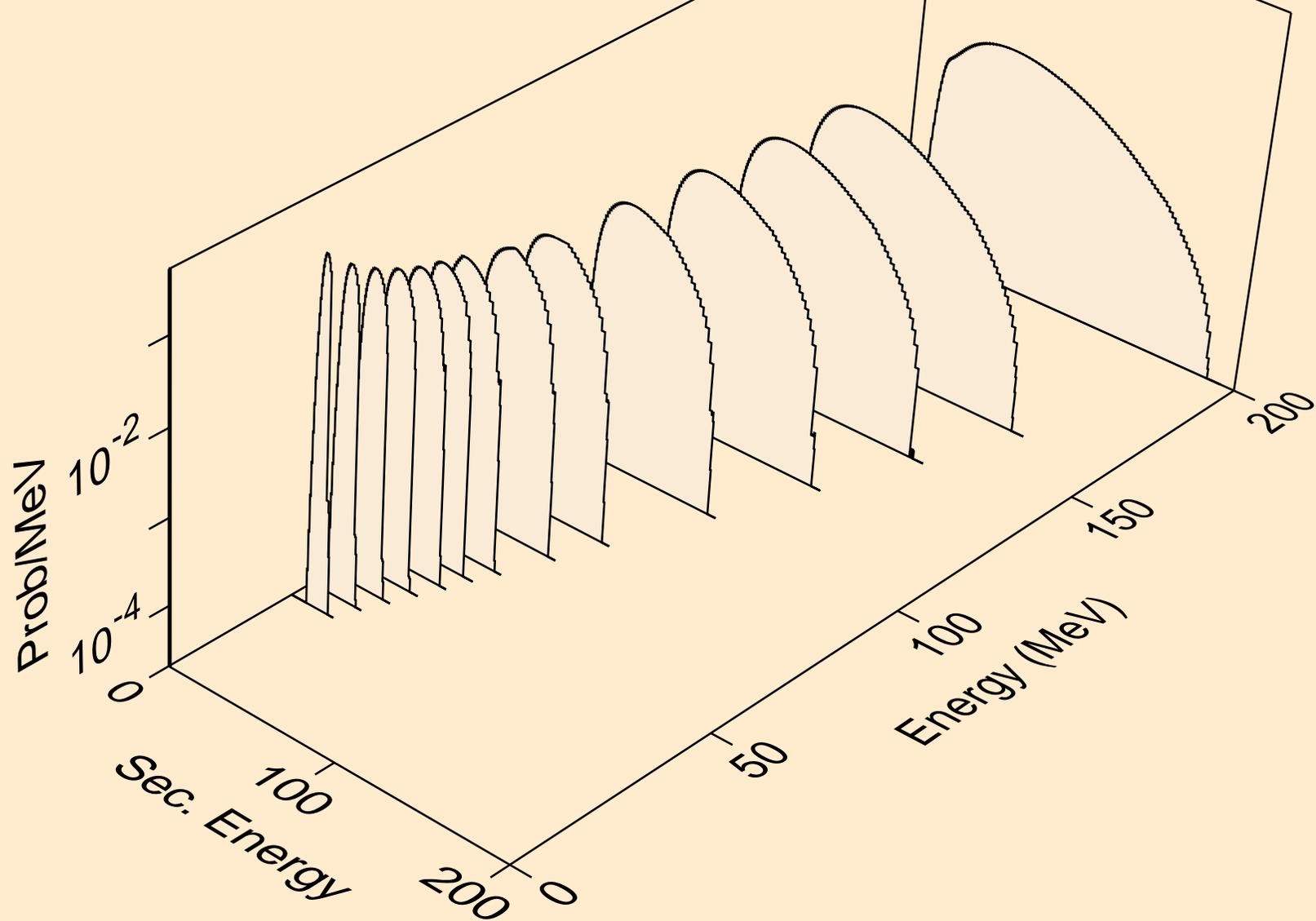
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
tritons from (p,t)



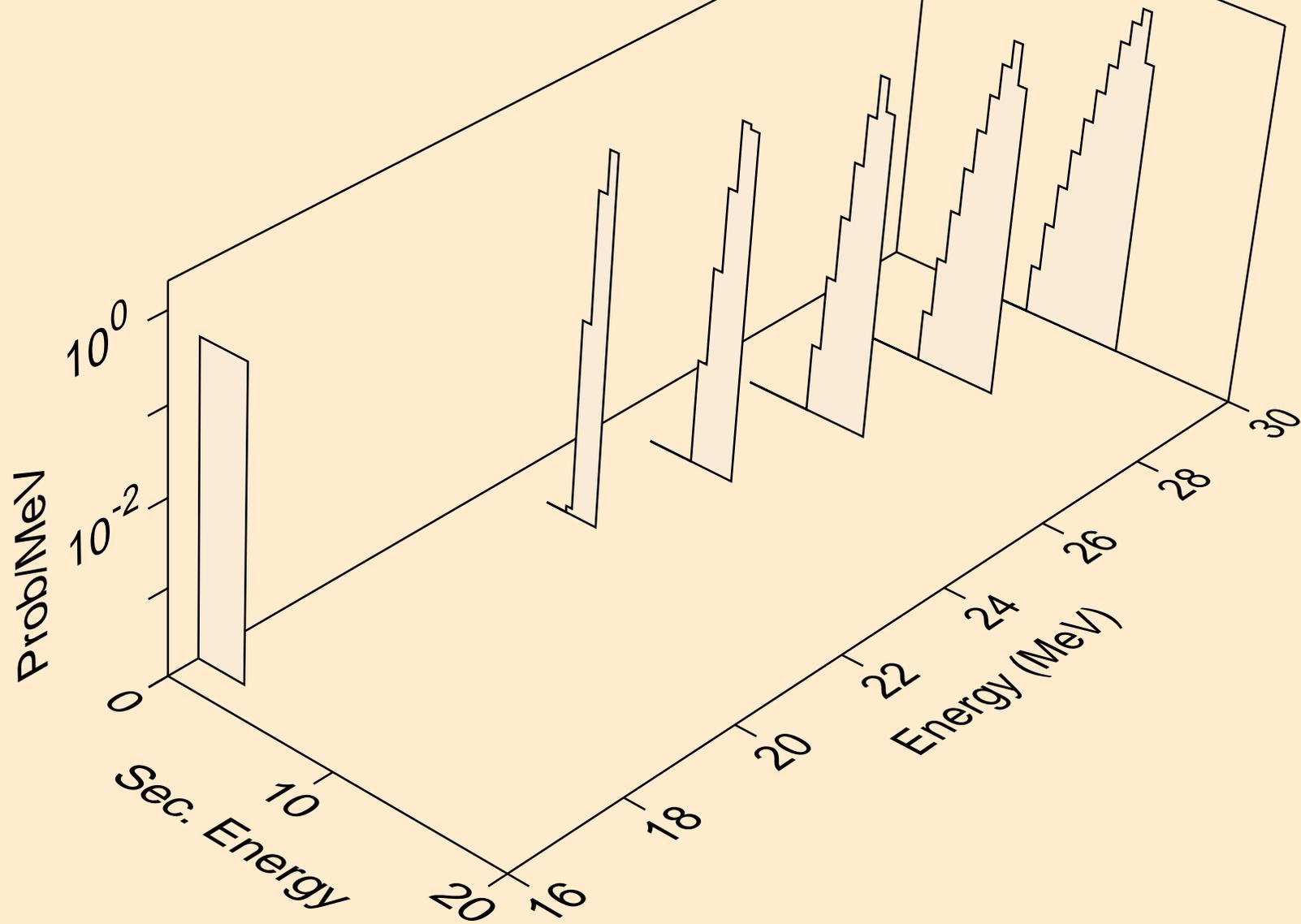
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
tritons from (p,pt)



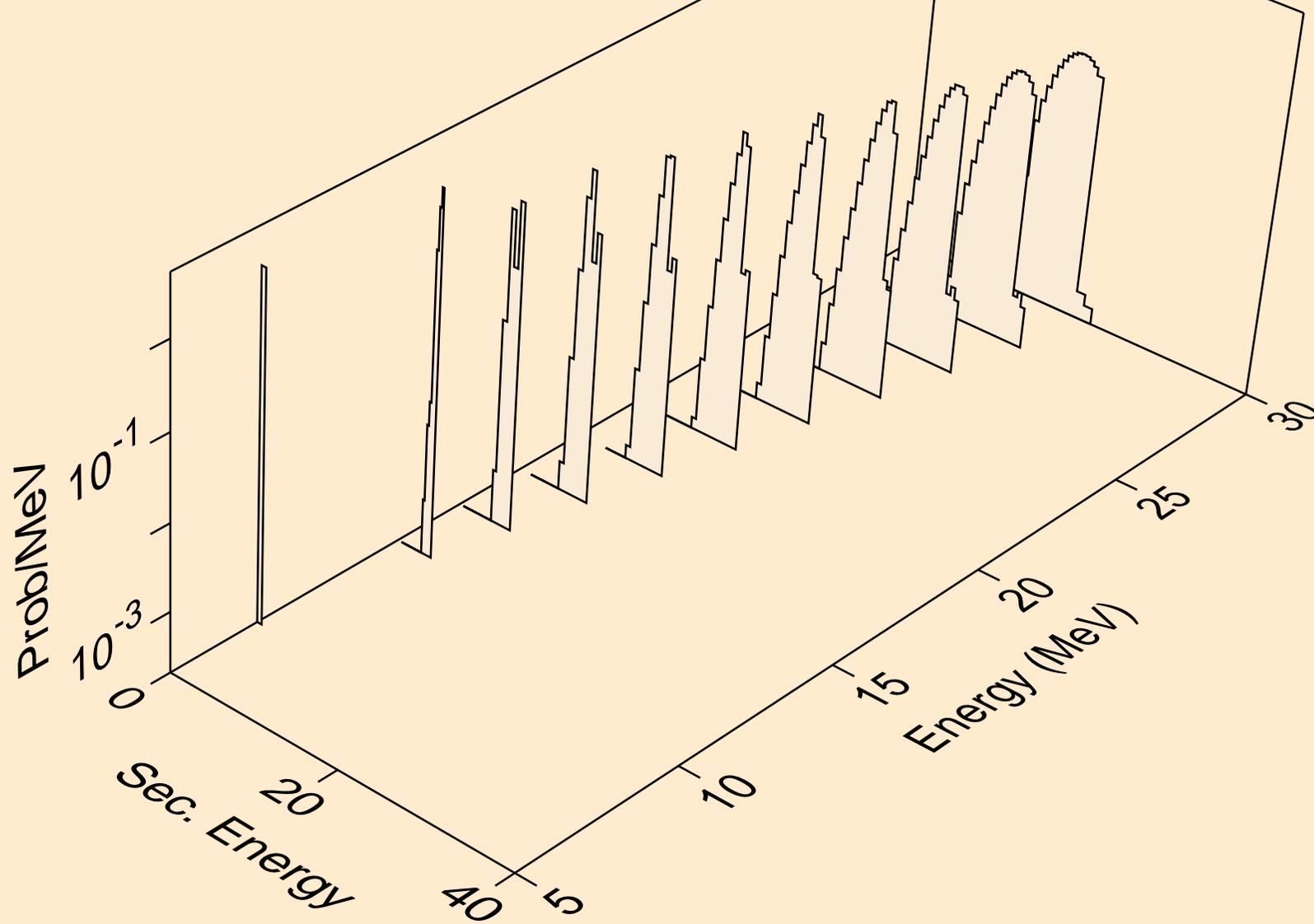
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
he3s from (p,x)



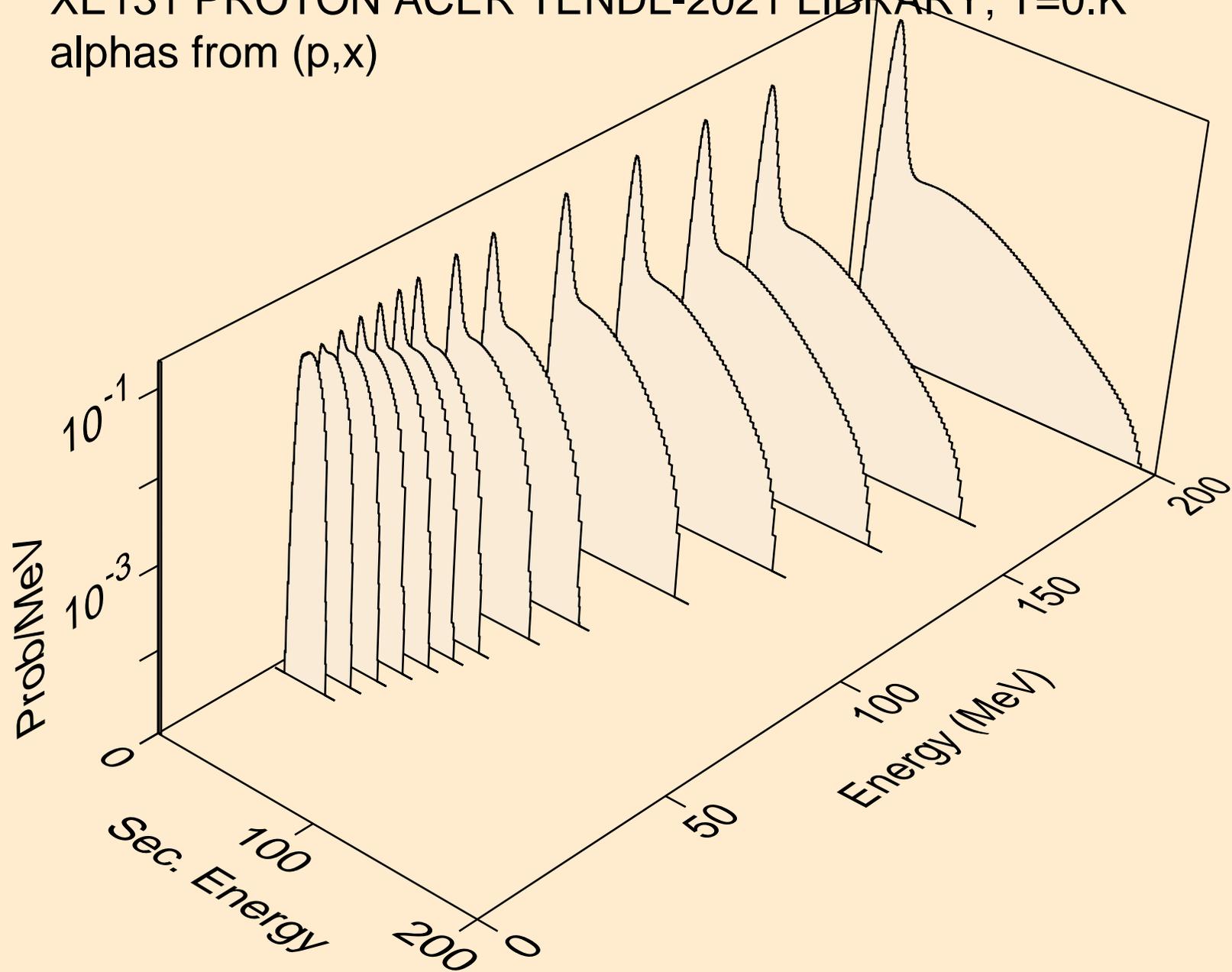
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
he3s from (p,n*)he3



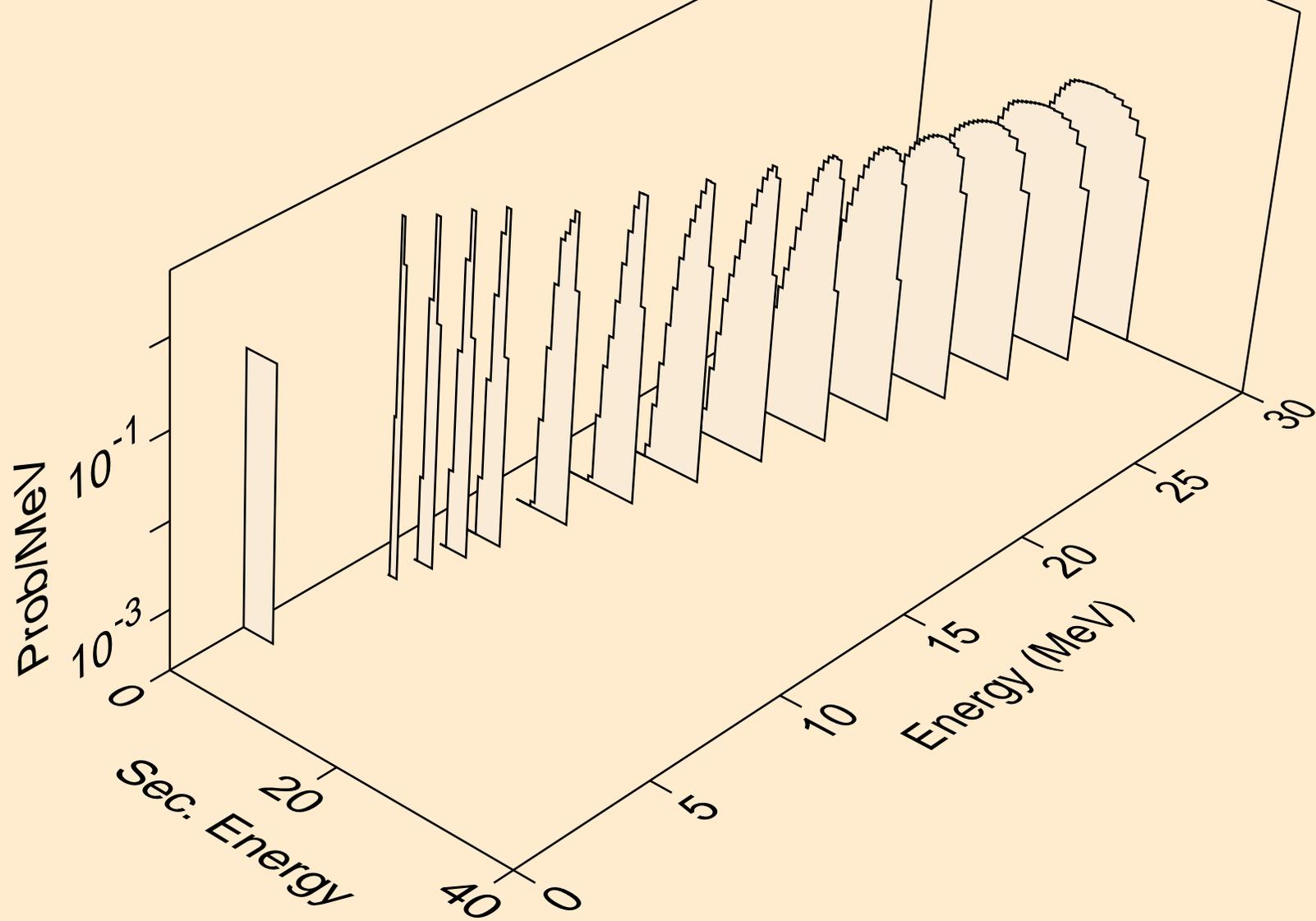
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
he3s from (p,he3)



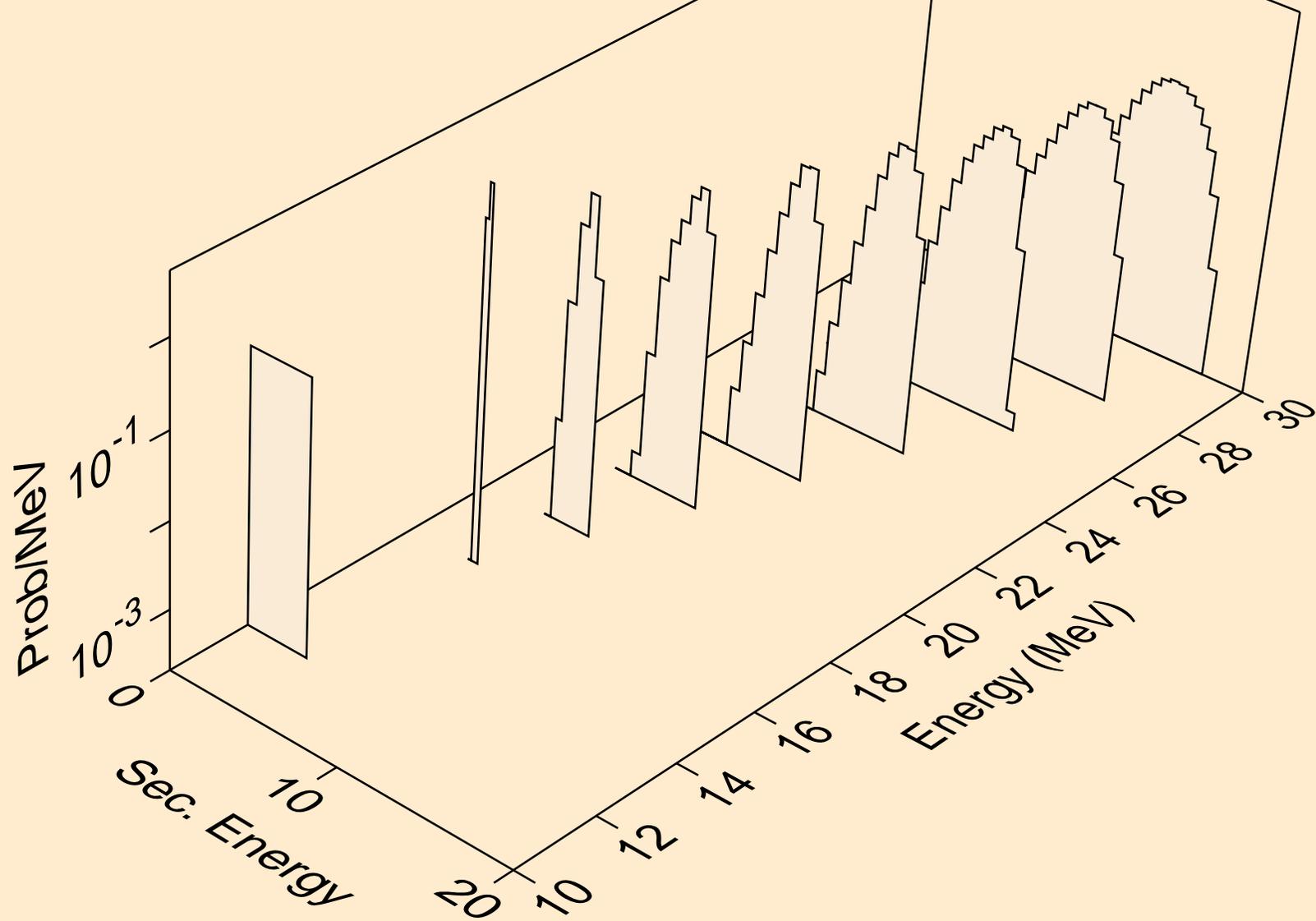
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,x)



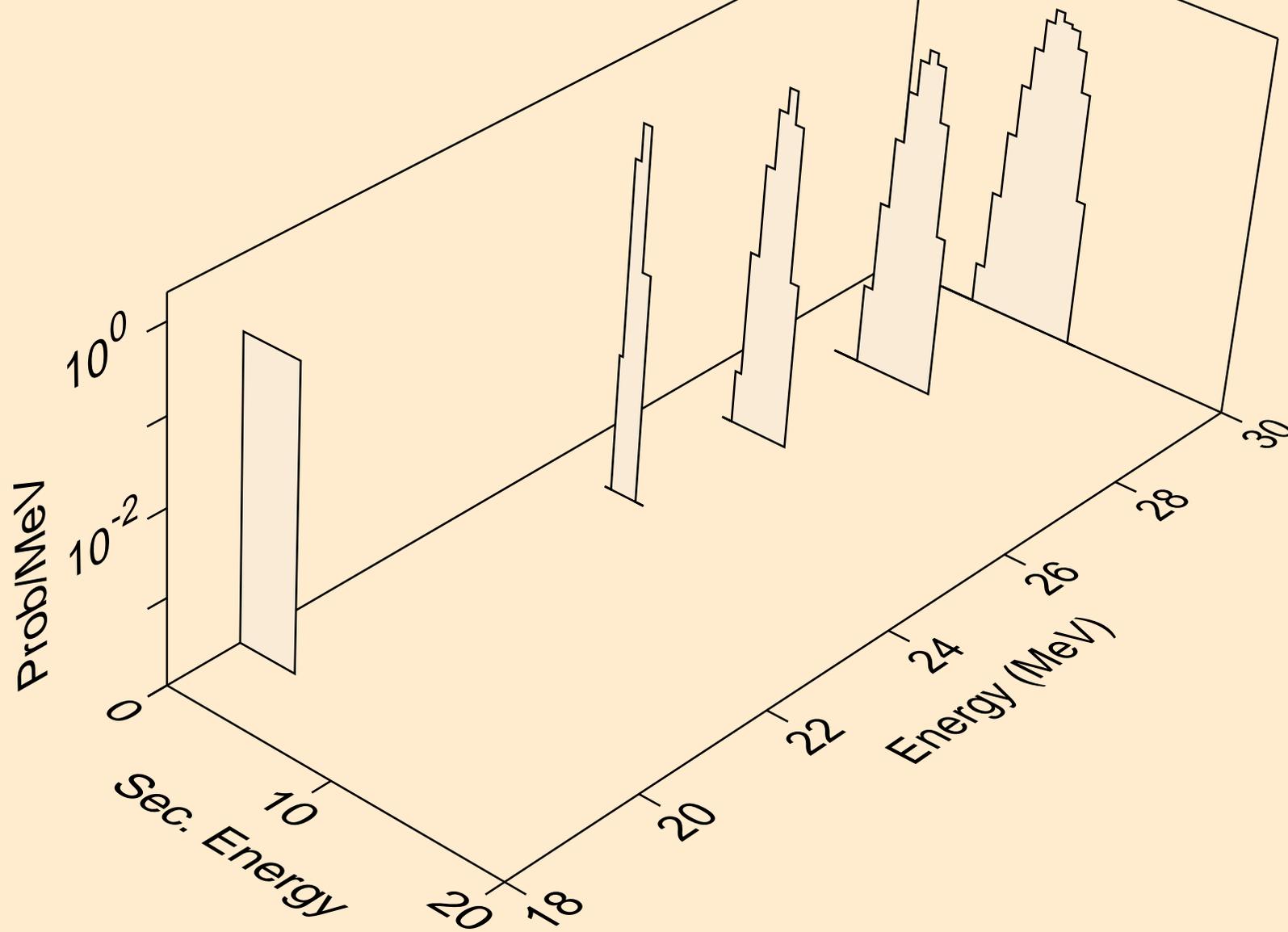
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,n*)a



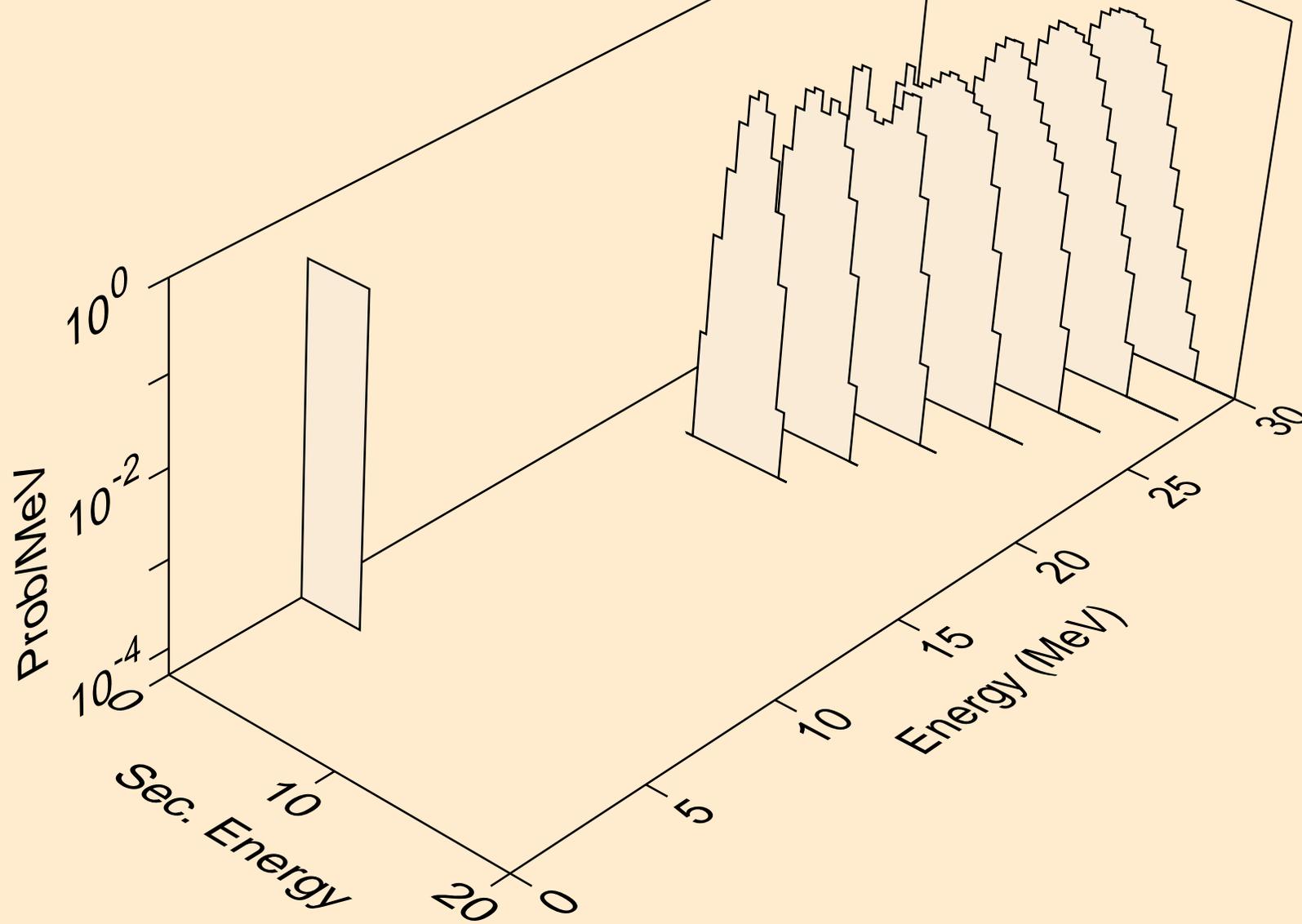
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,2n)a



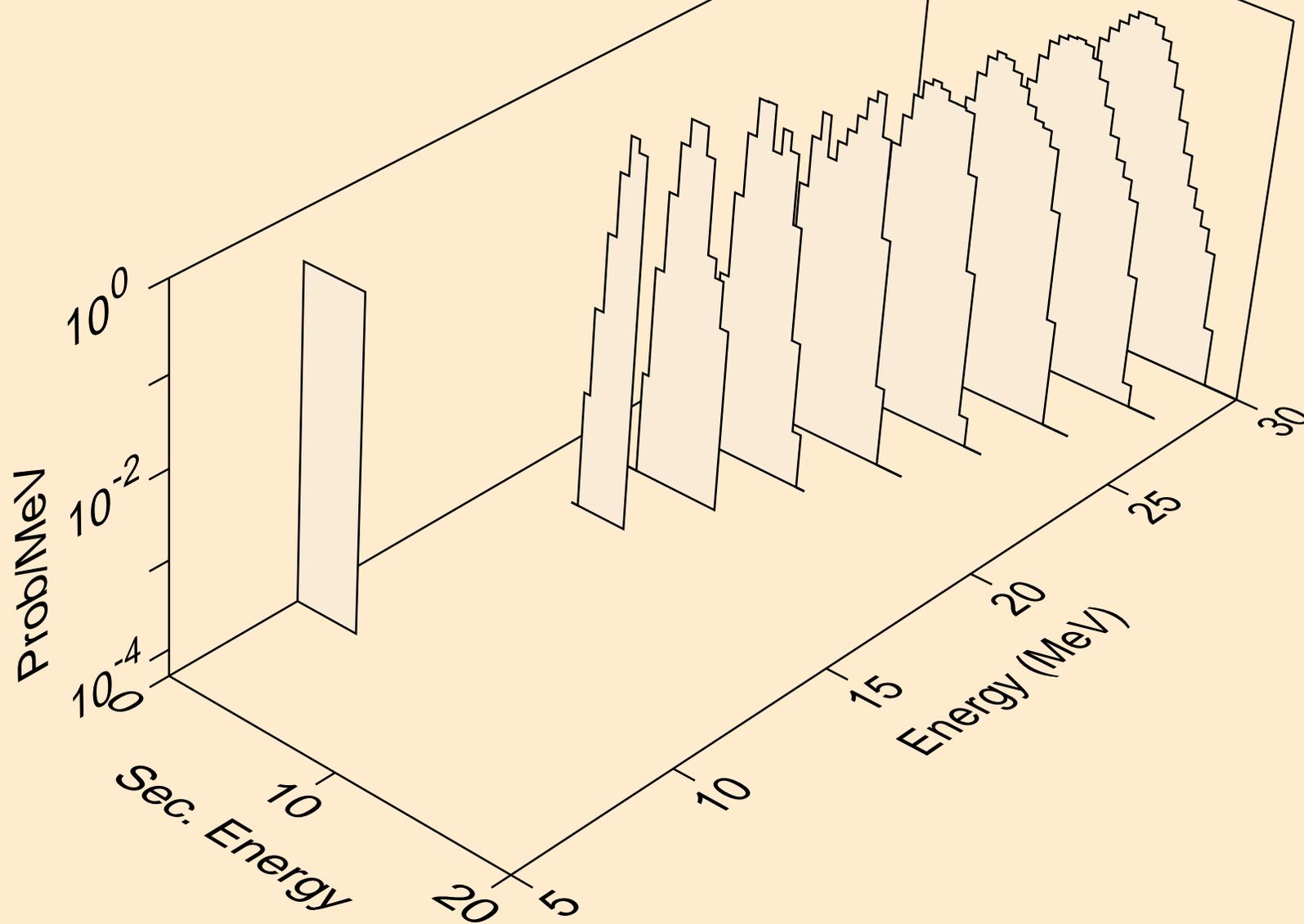
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,3n)a



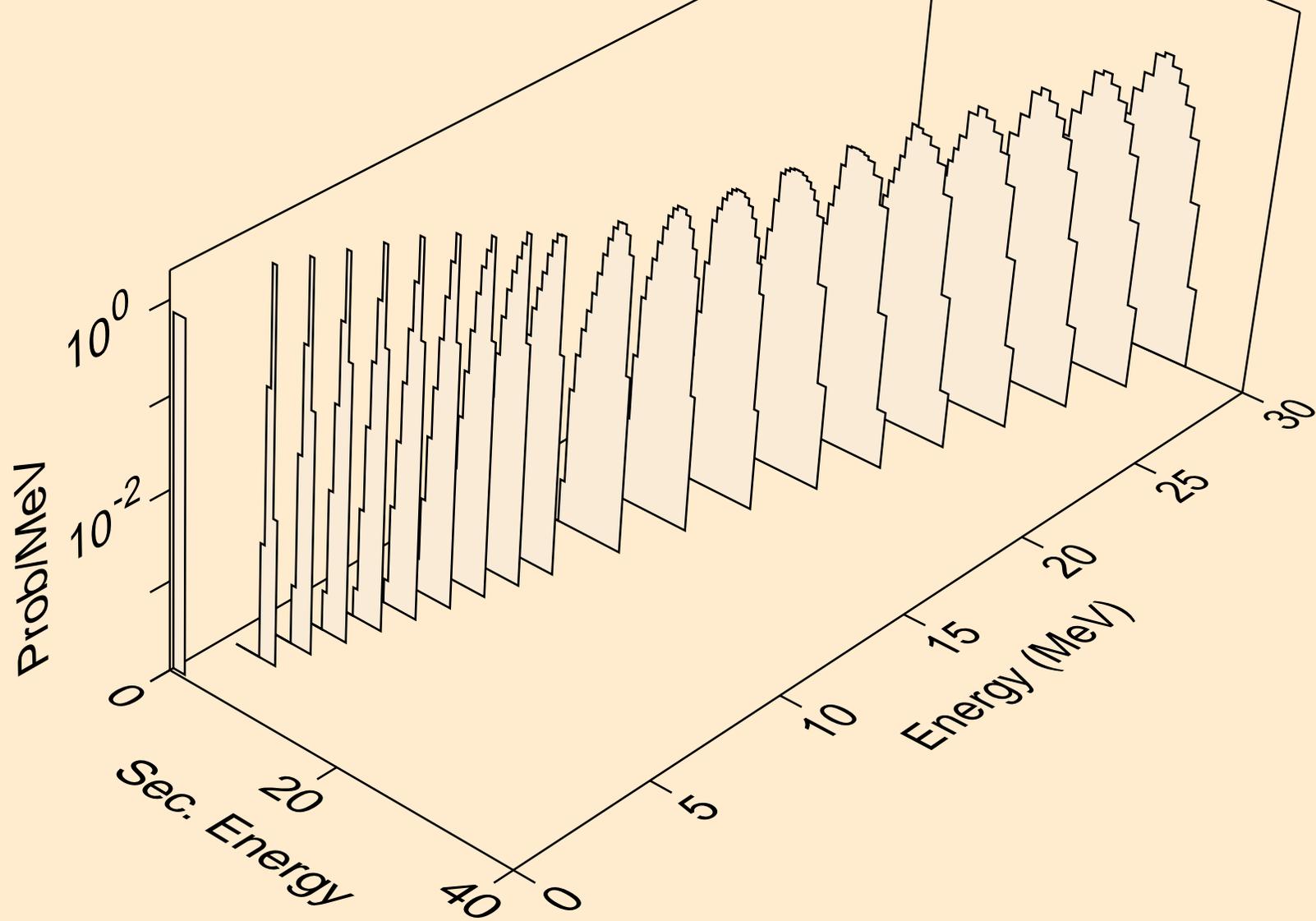
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,n*)2a



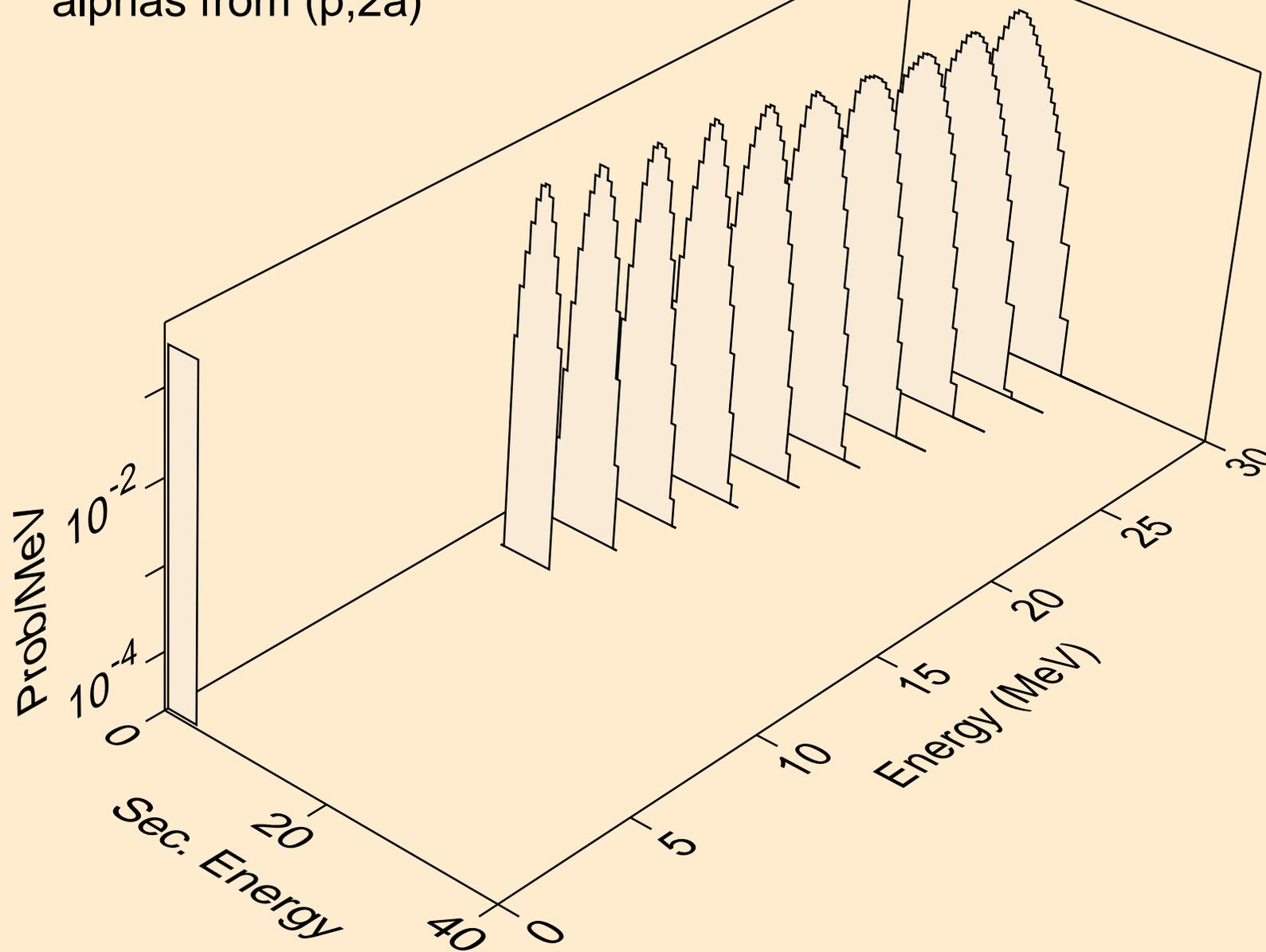
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,npa)



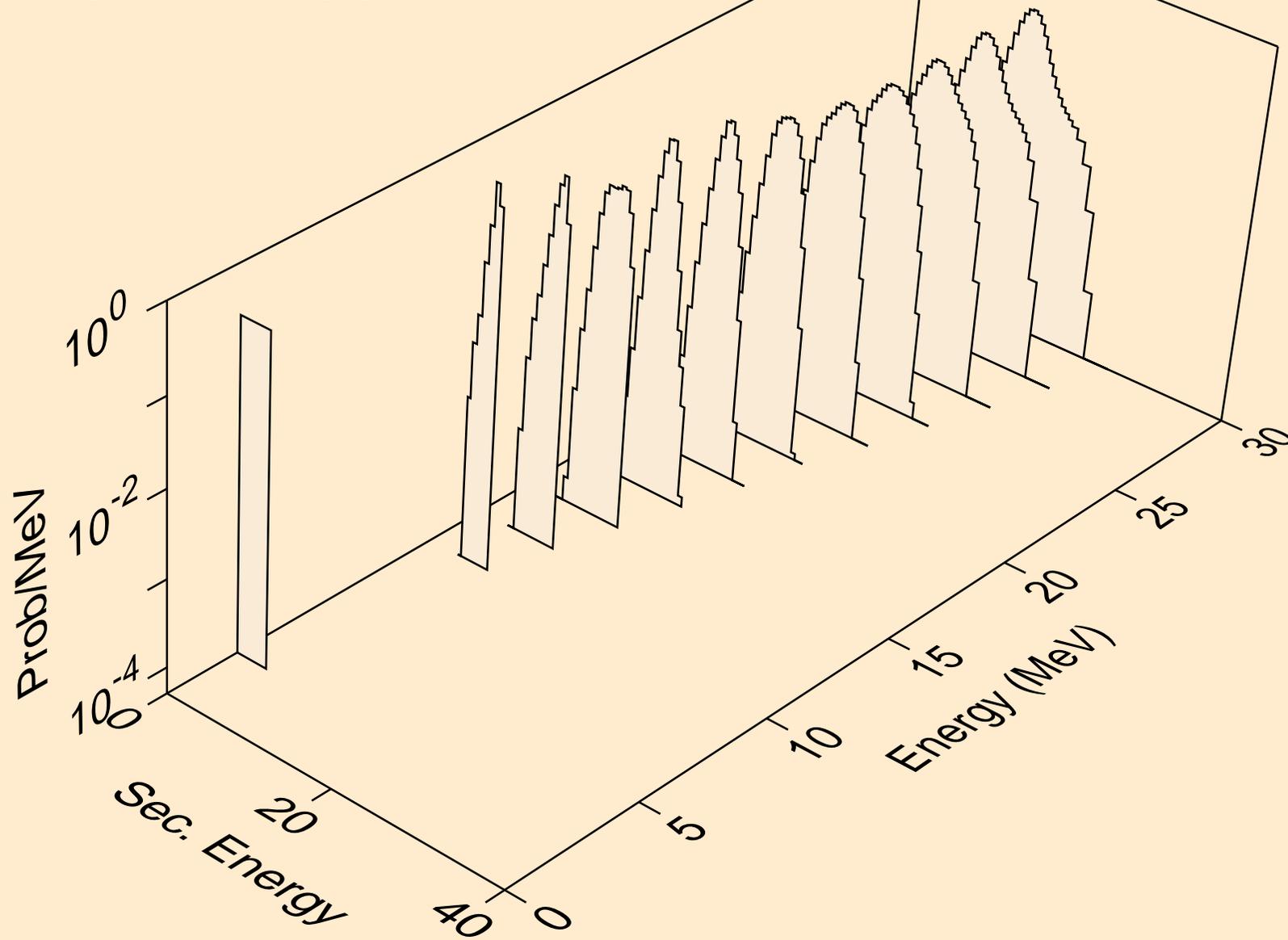
XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,a)



XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,2a)



XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,pa)



XE131 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,da)

