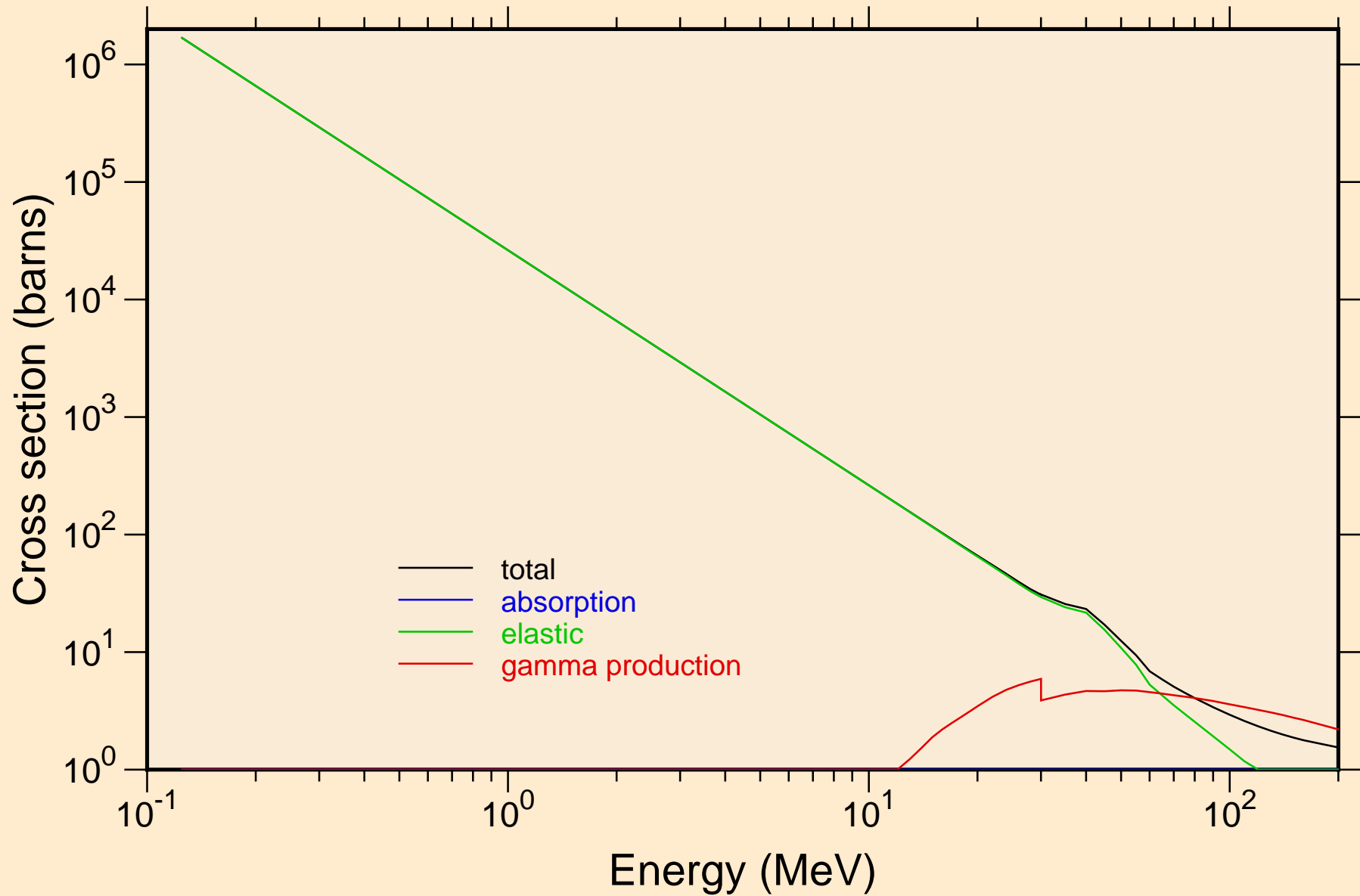
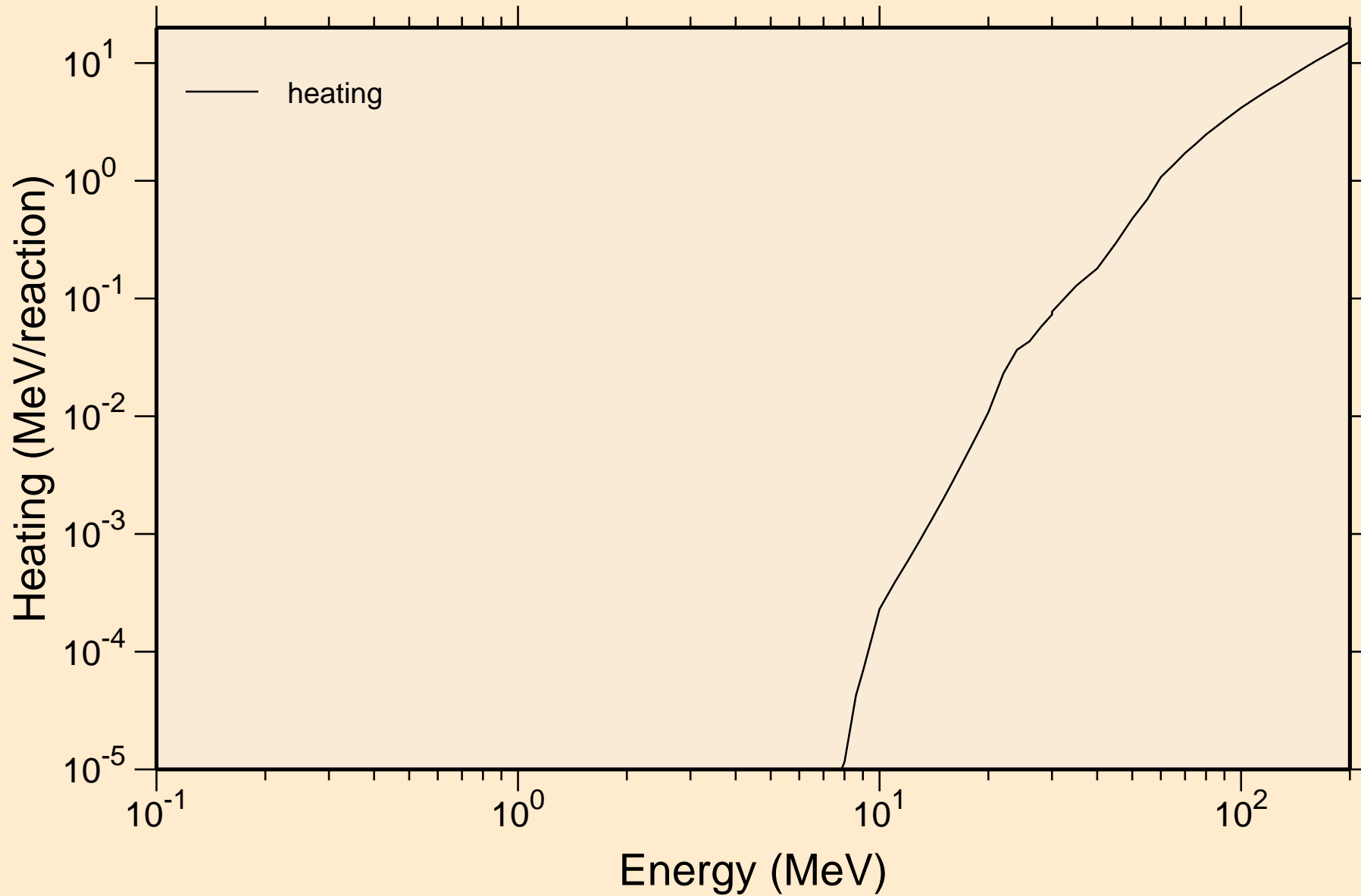


TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections



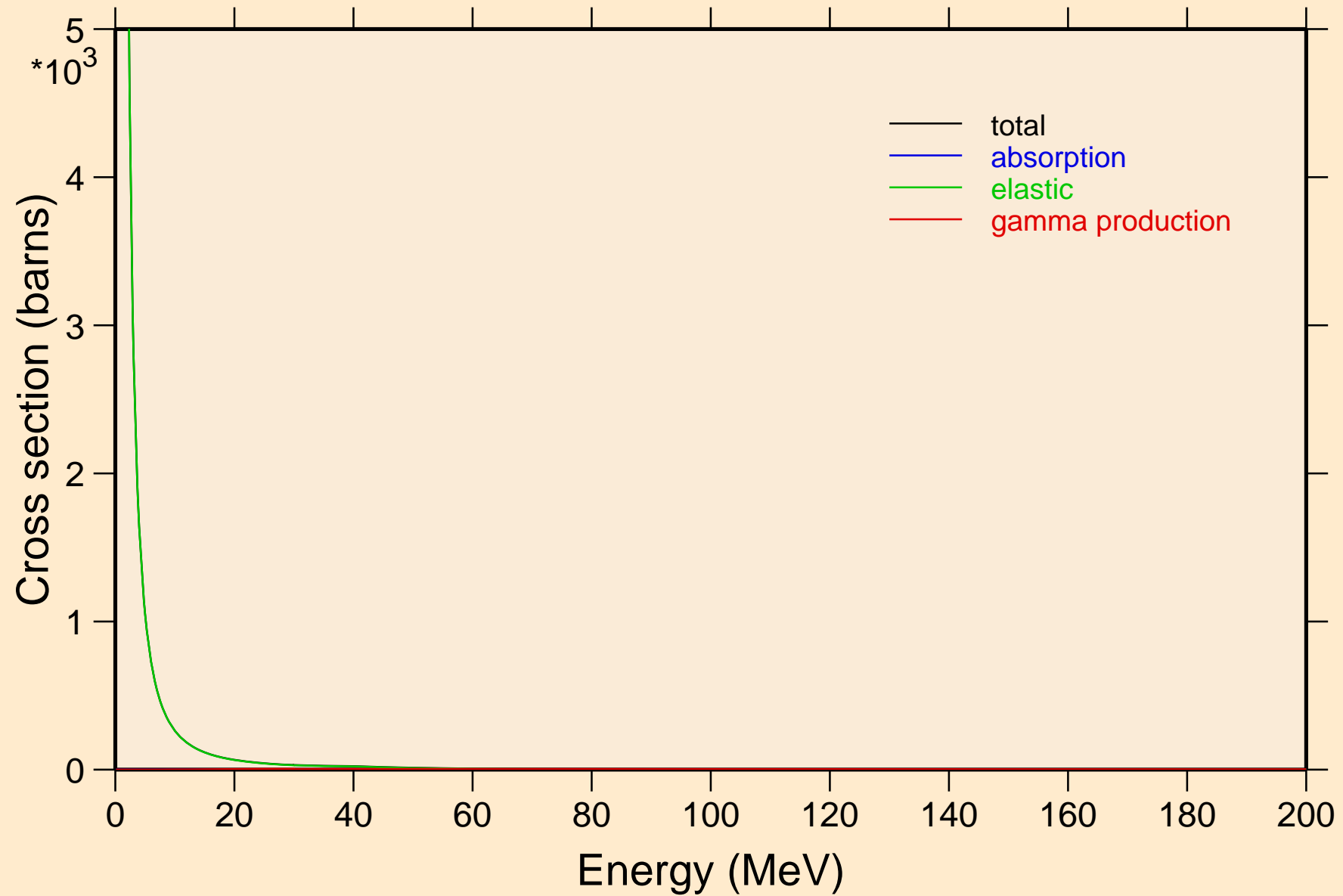
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



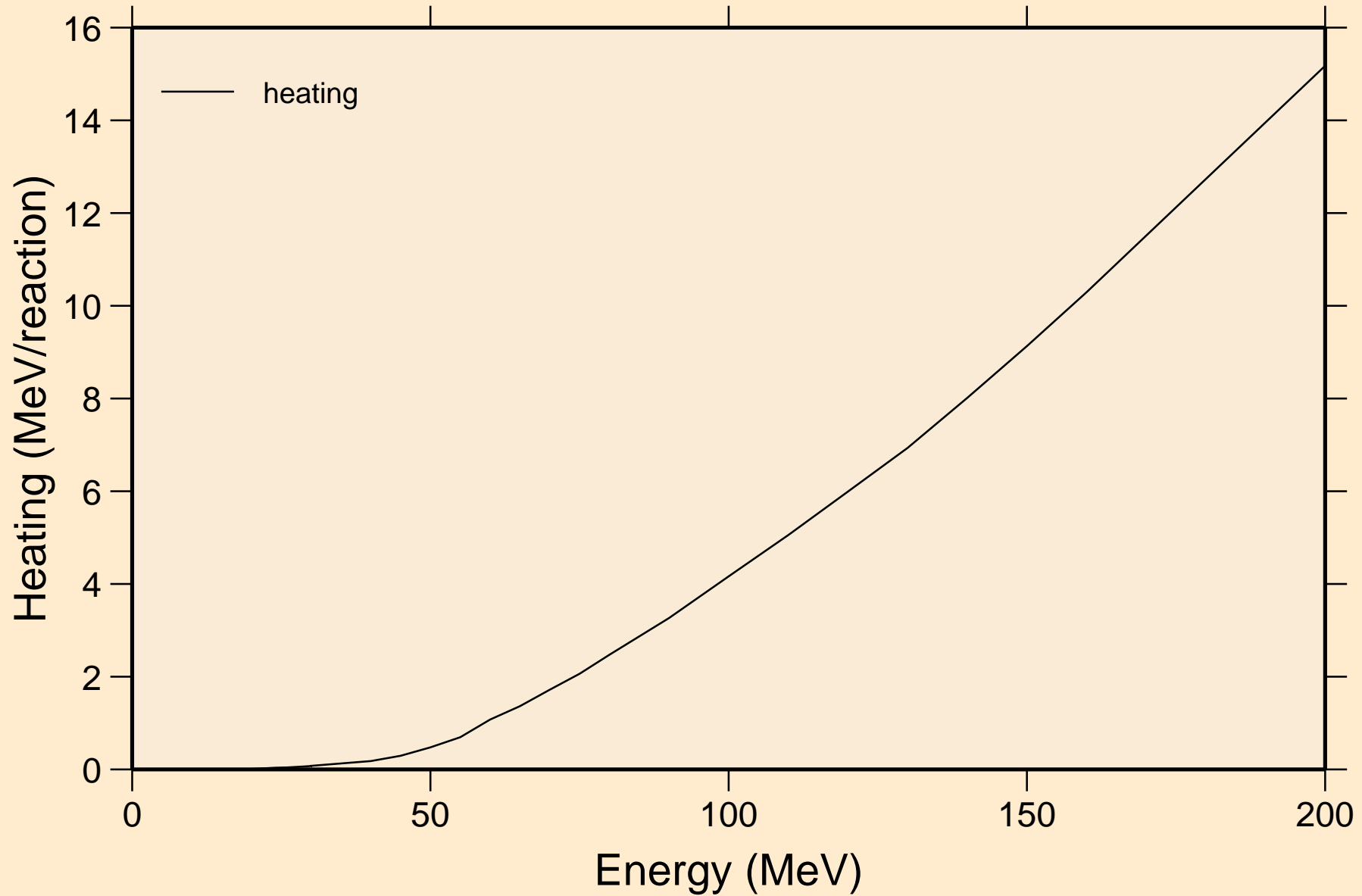
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

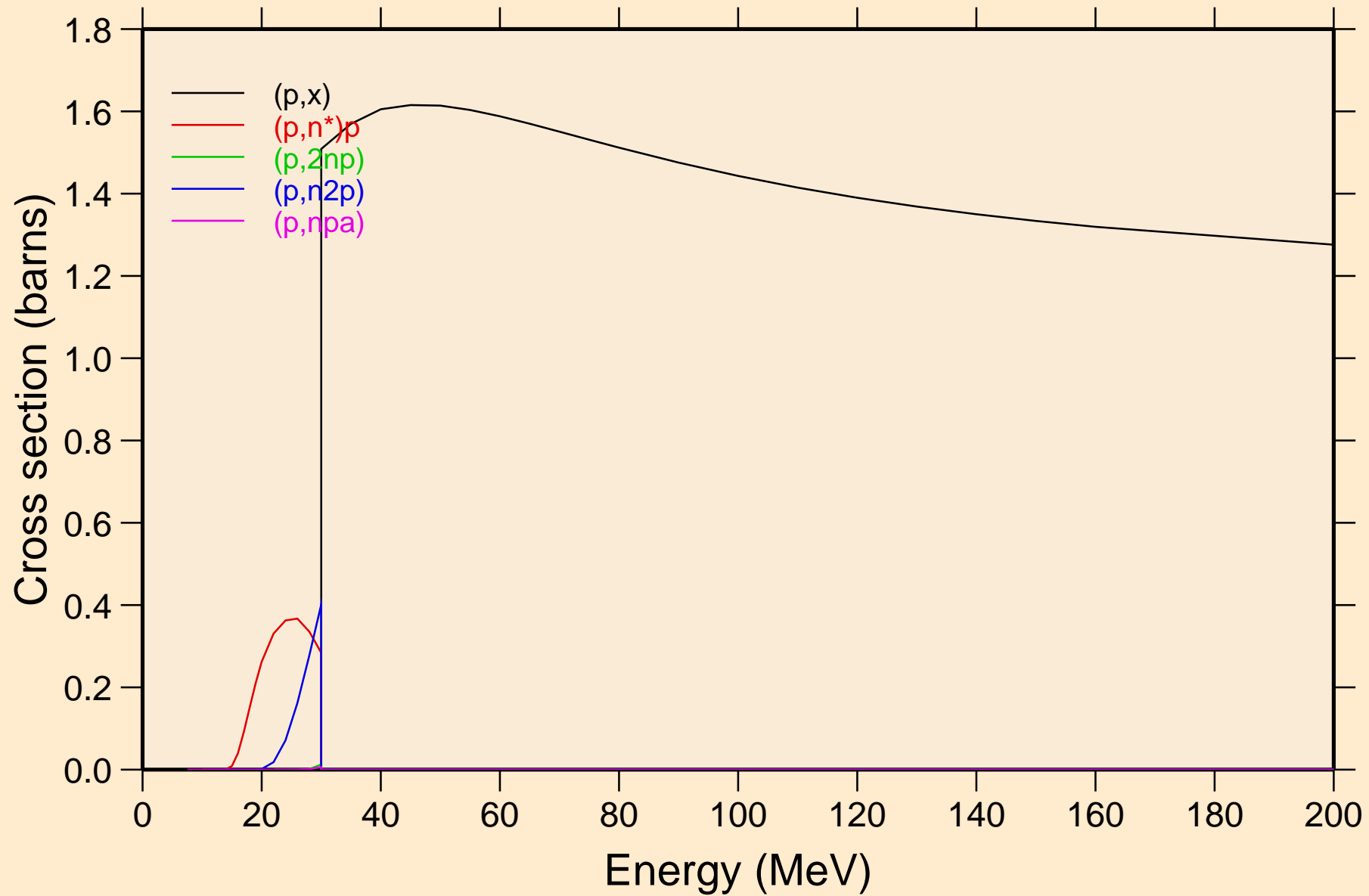


TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K

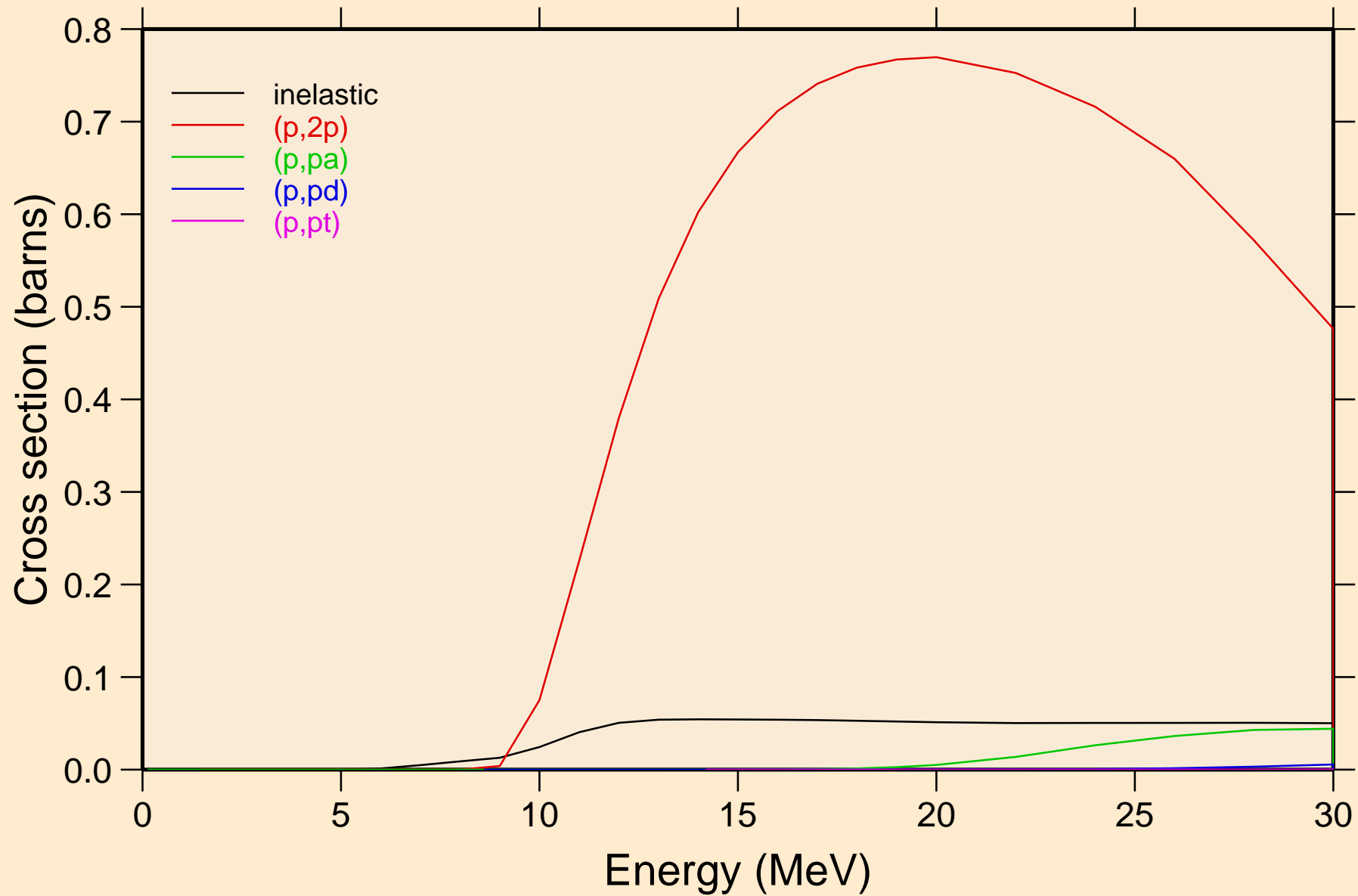
Heating



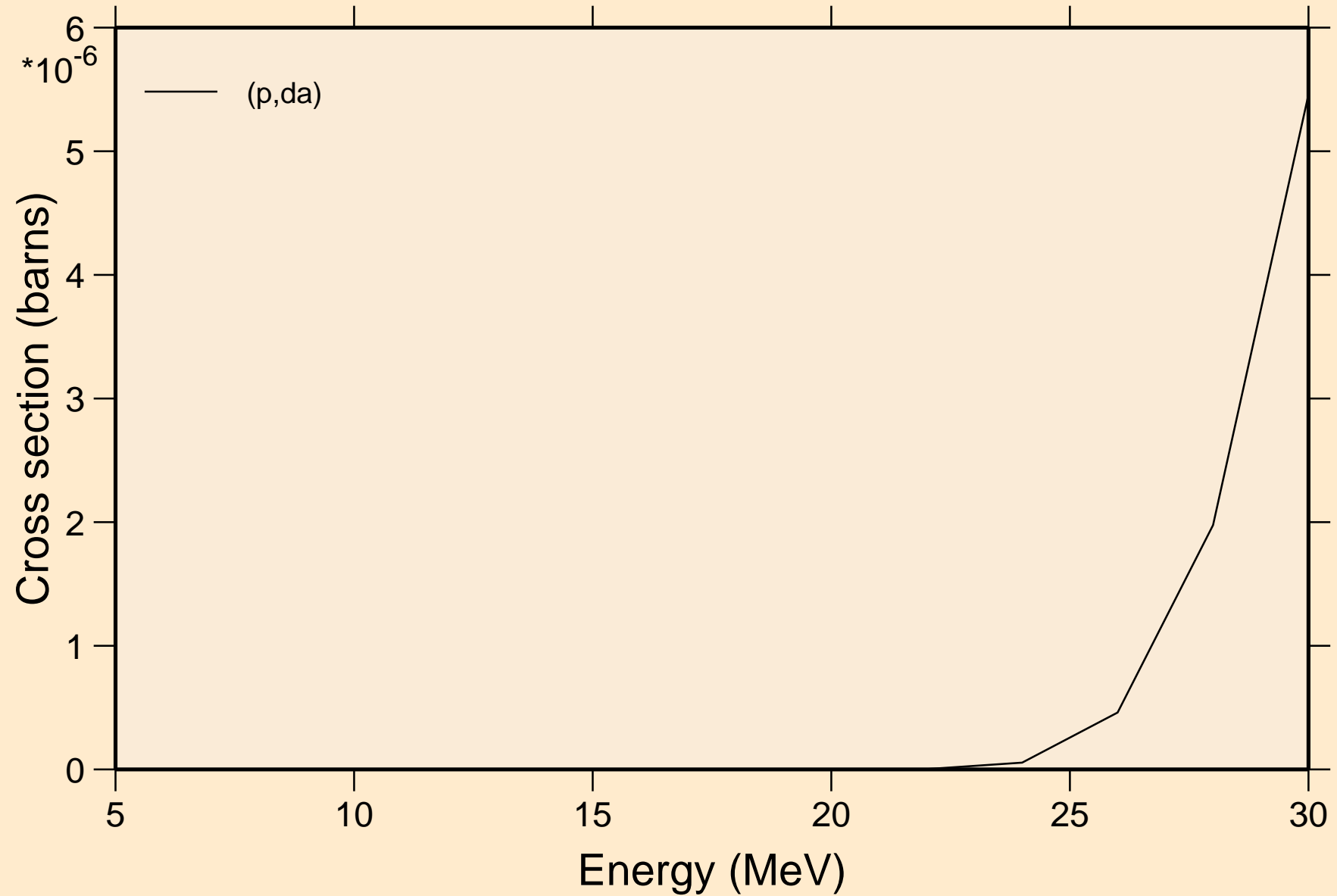
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



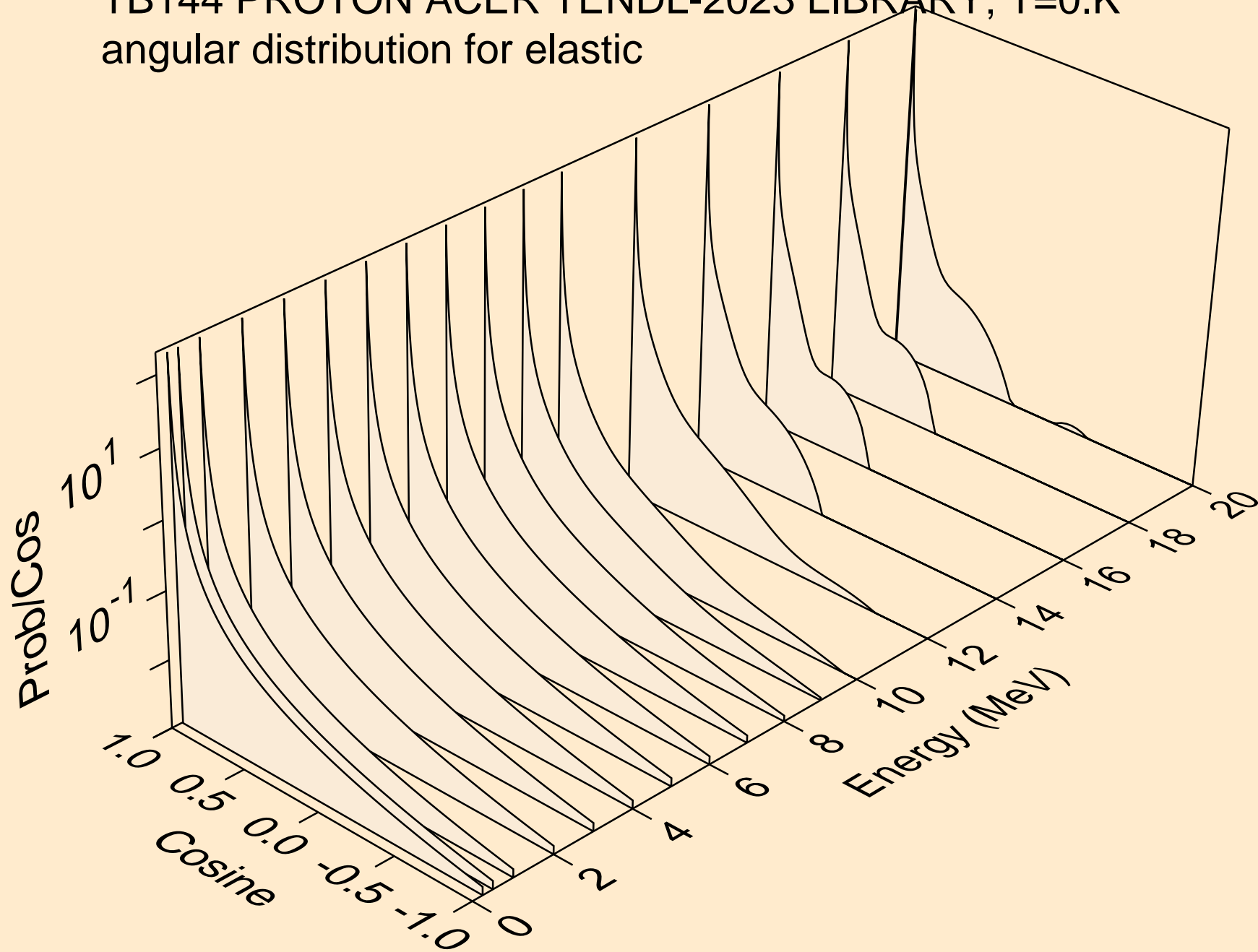
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Threshold reactions



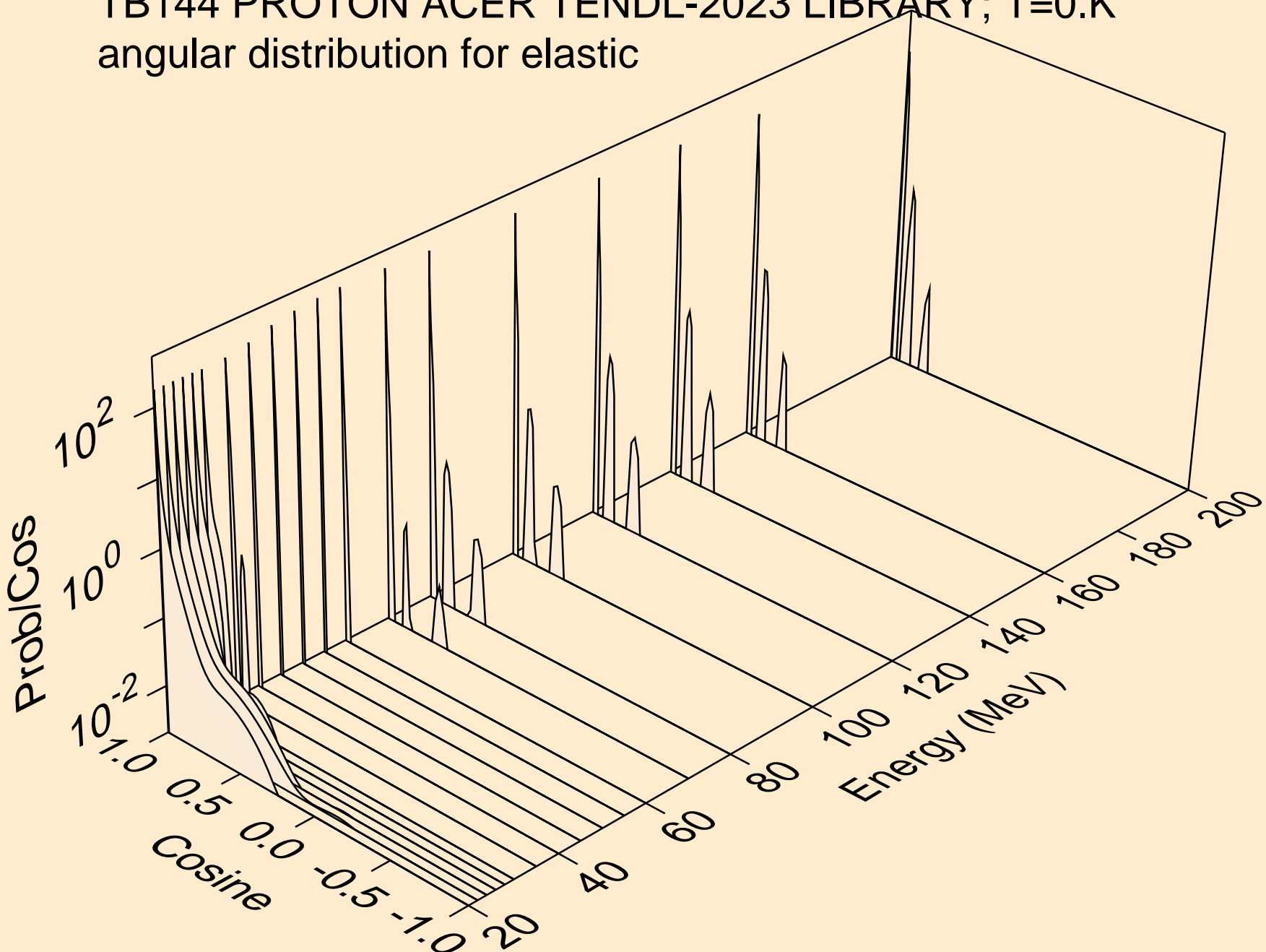
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Threshold reactions



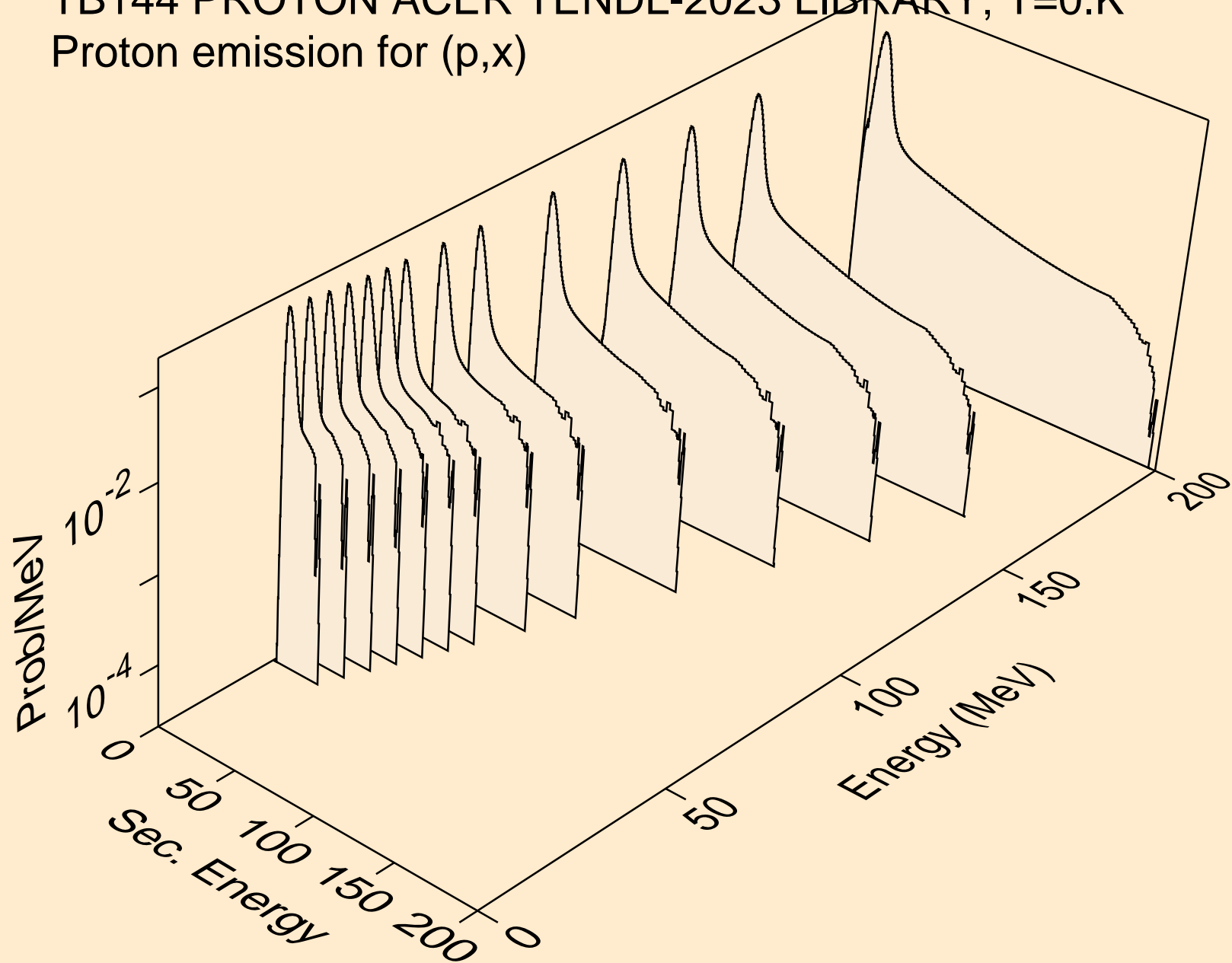
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic

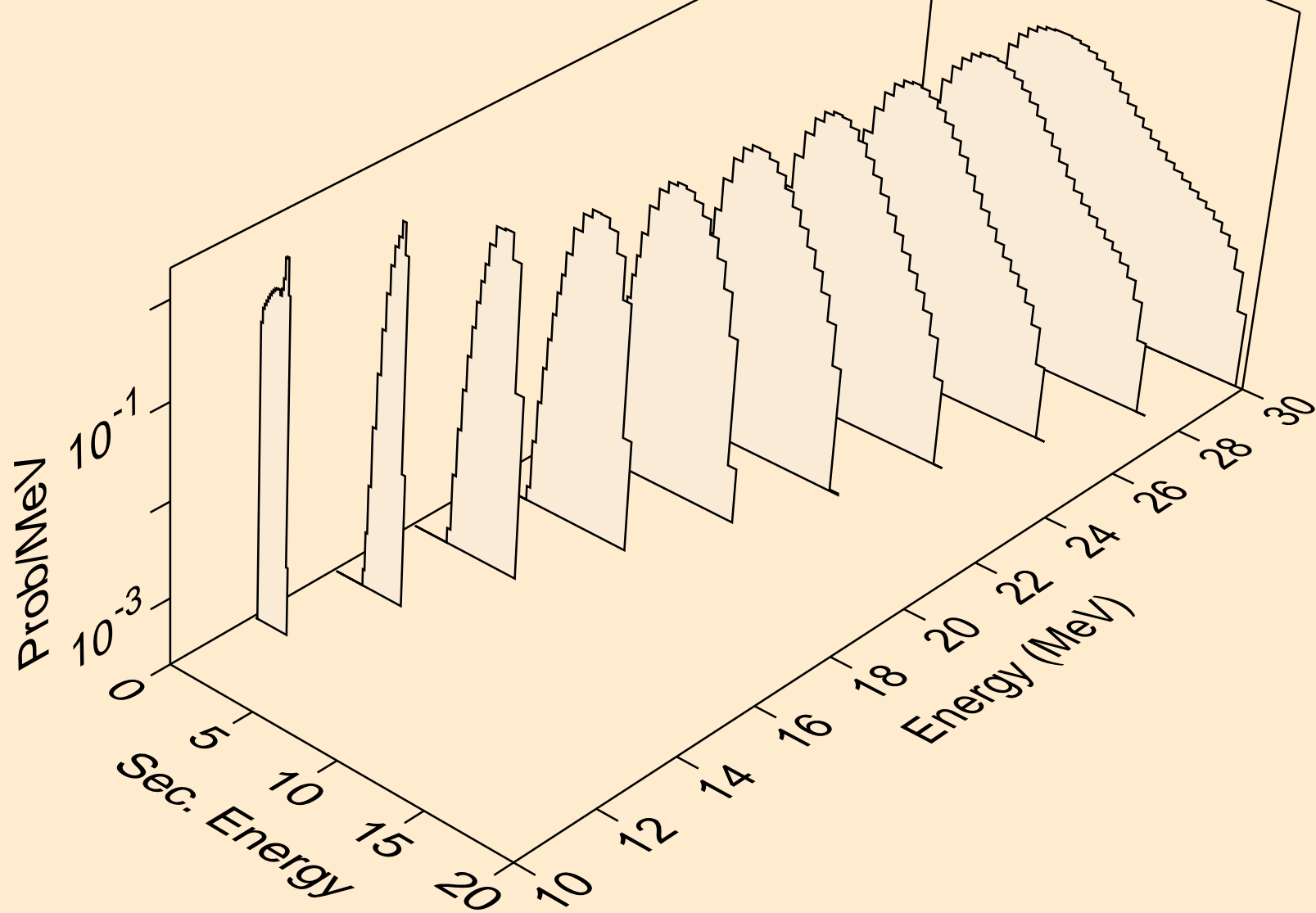


TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,x)

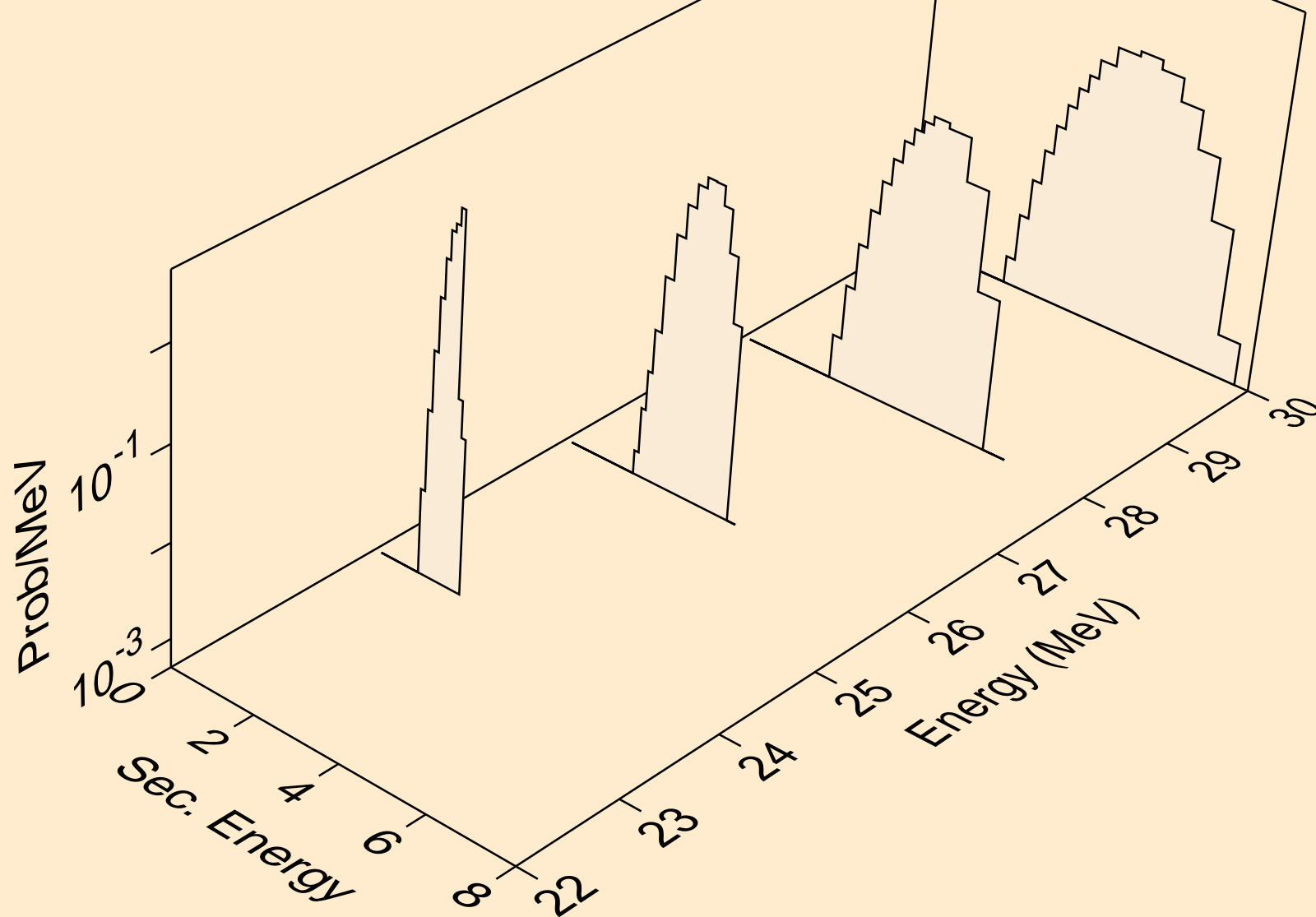


TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K

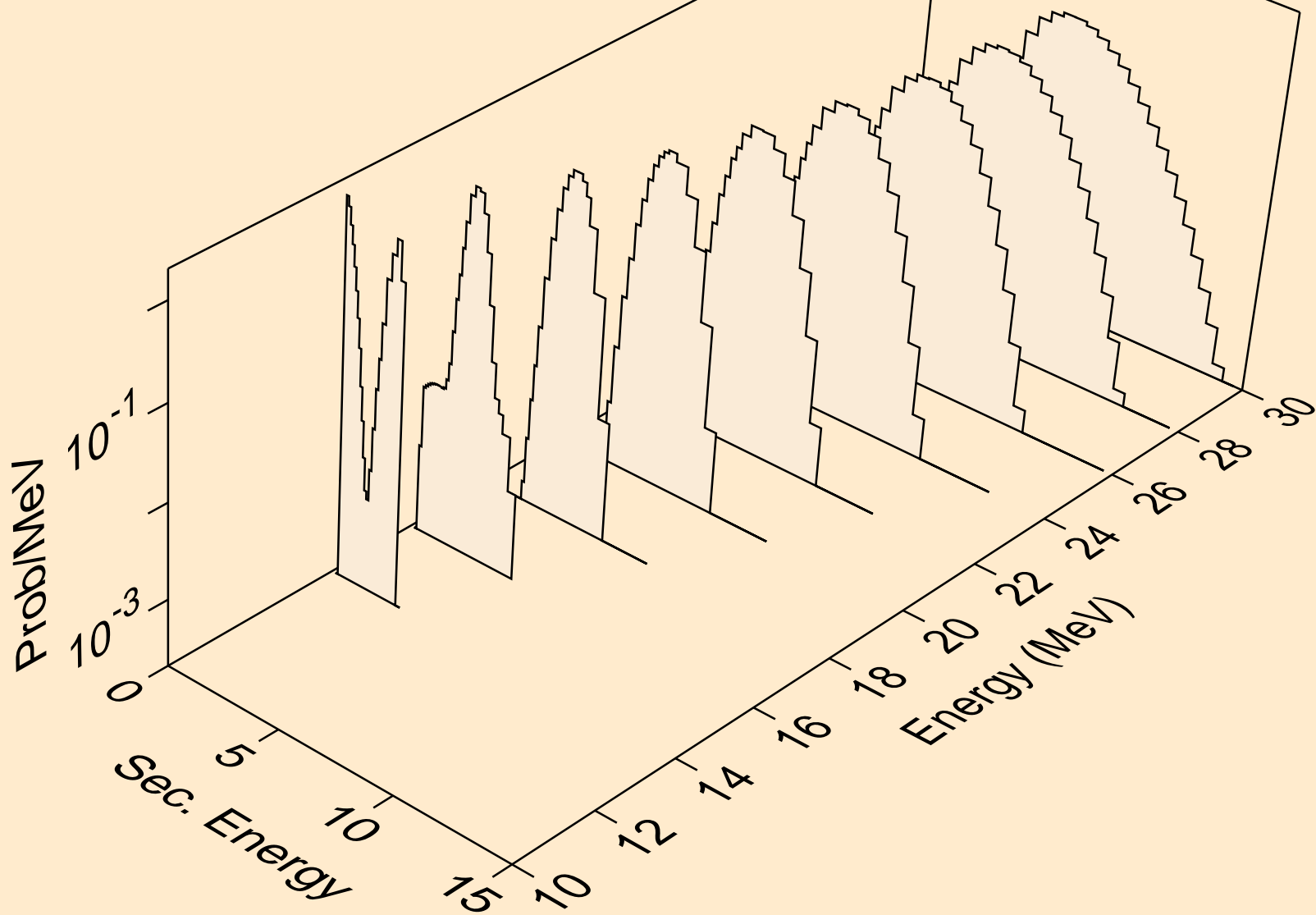
Proton emission for $(p,n^*)p$



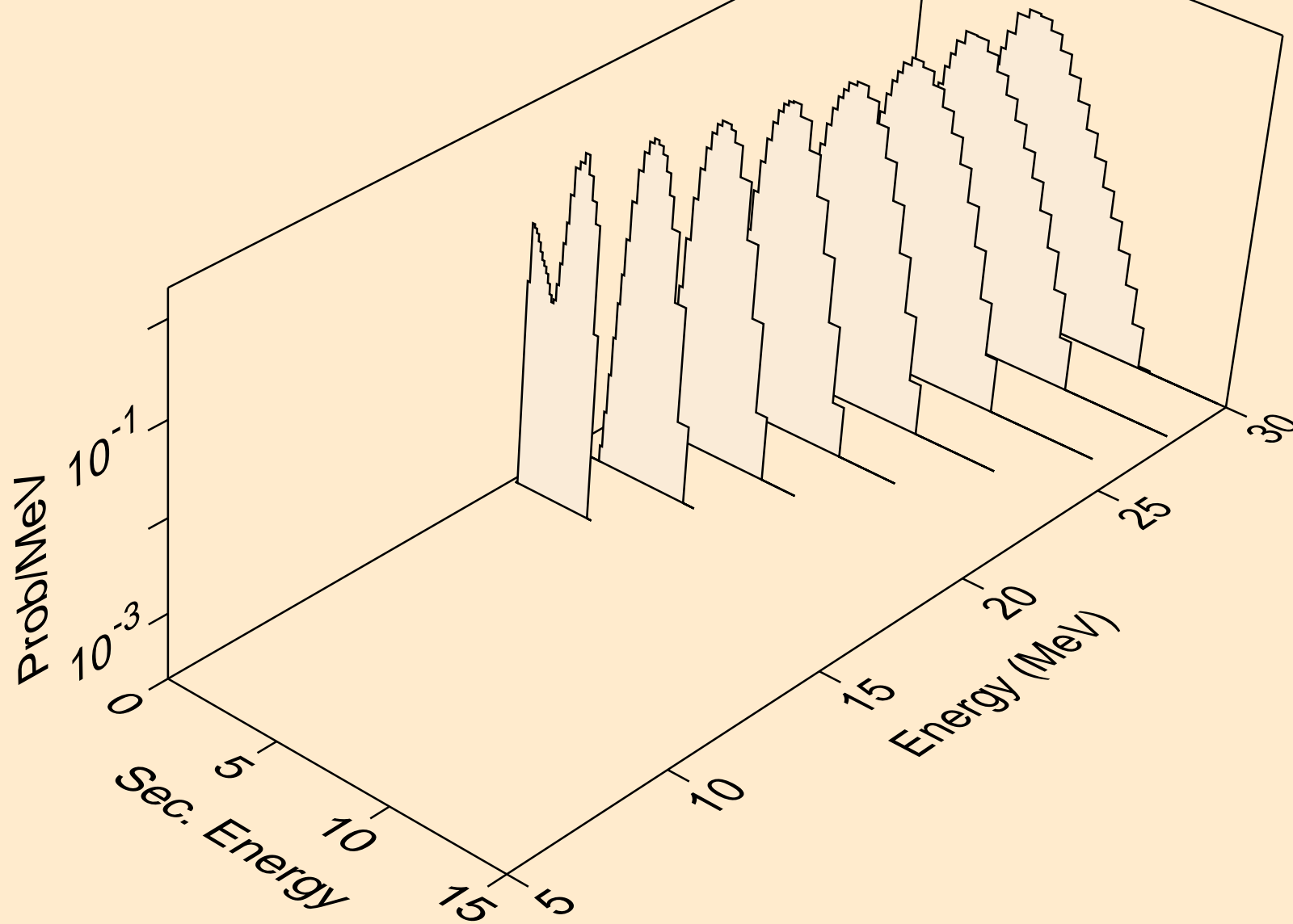
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2np)



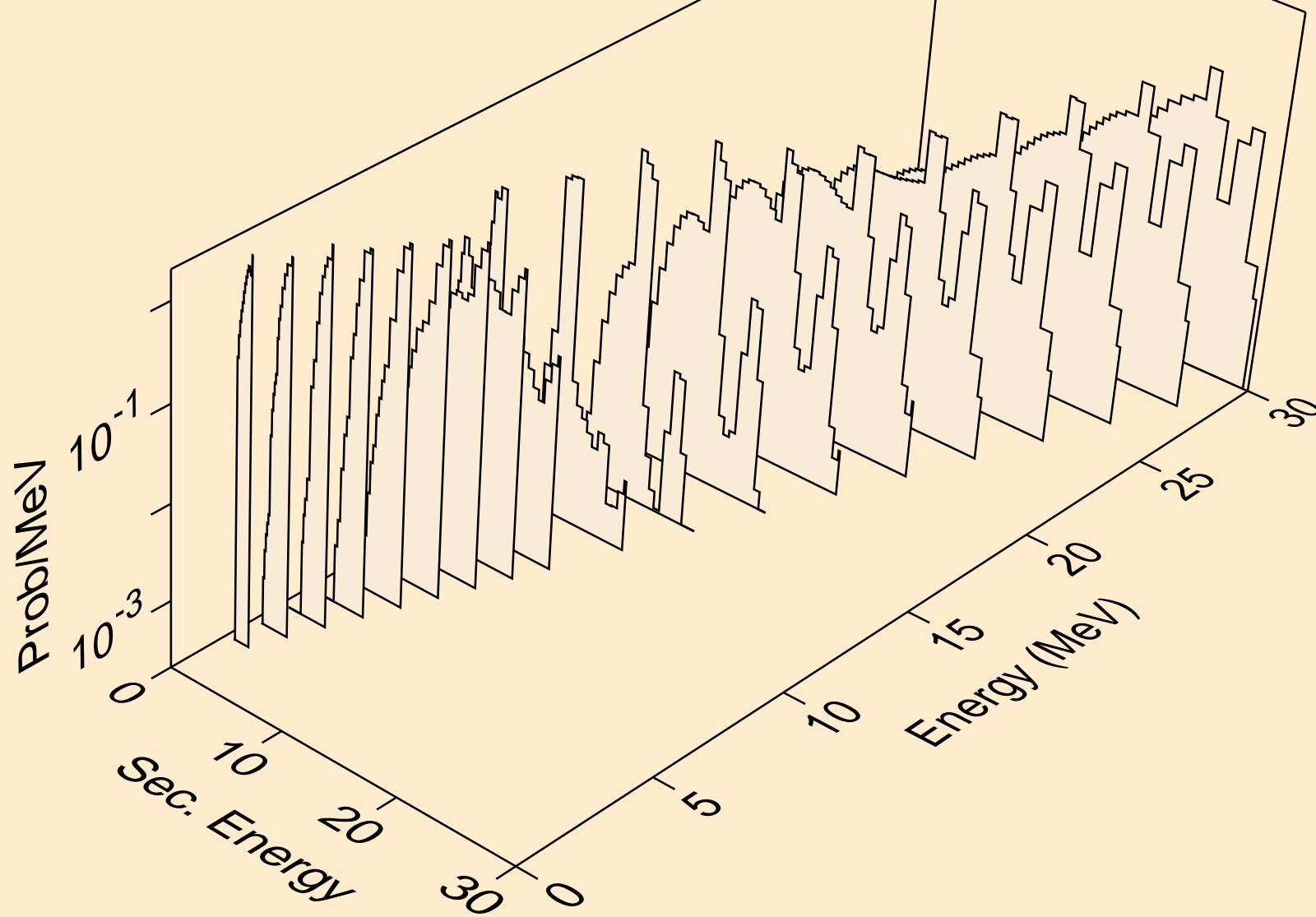
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n2p)



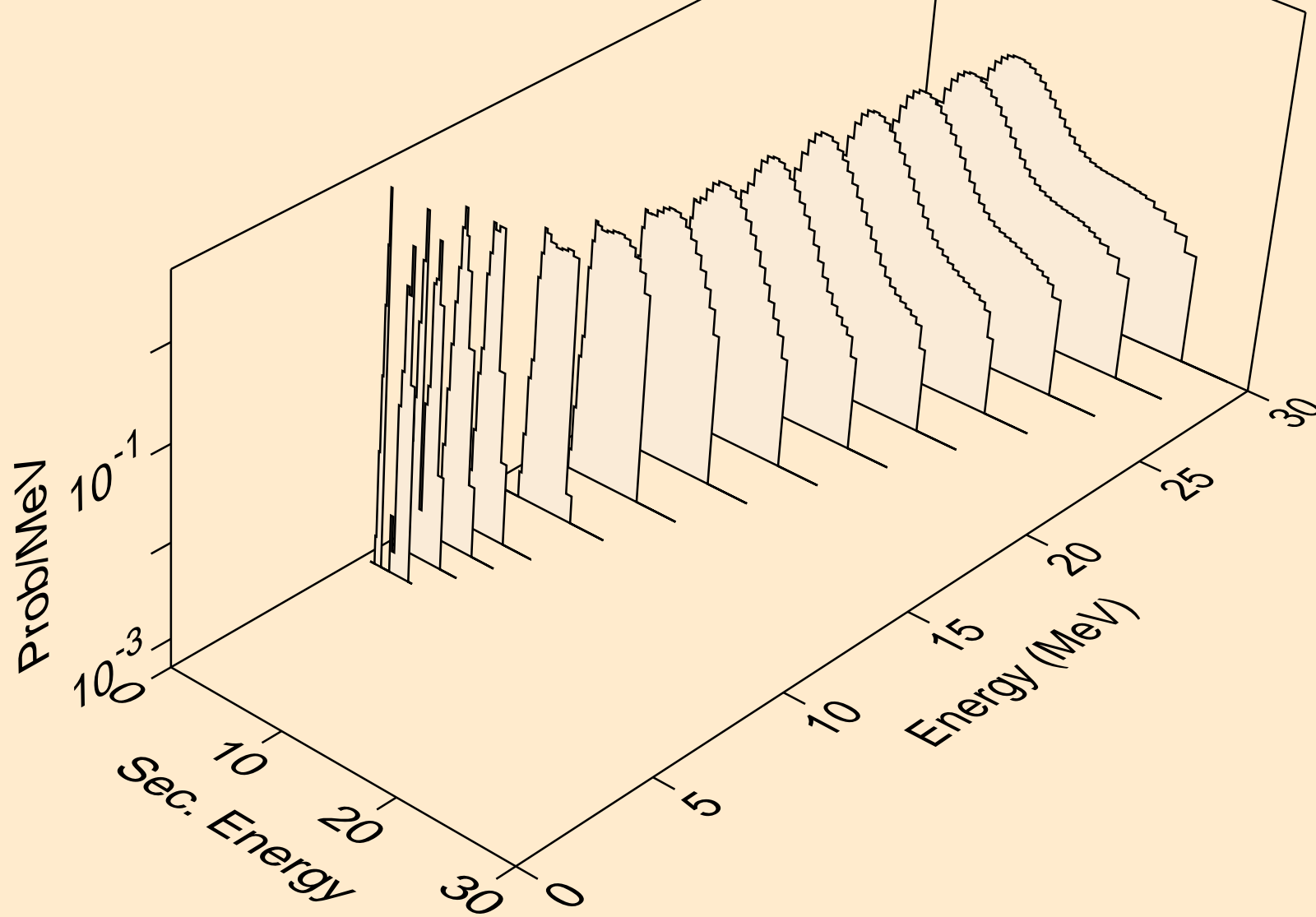
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,npa)



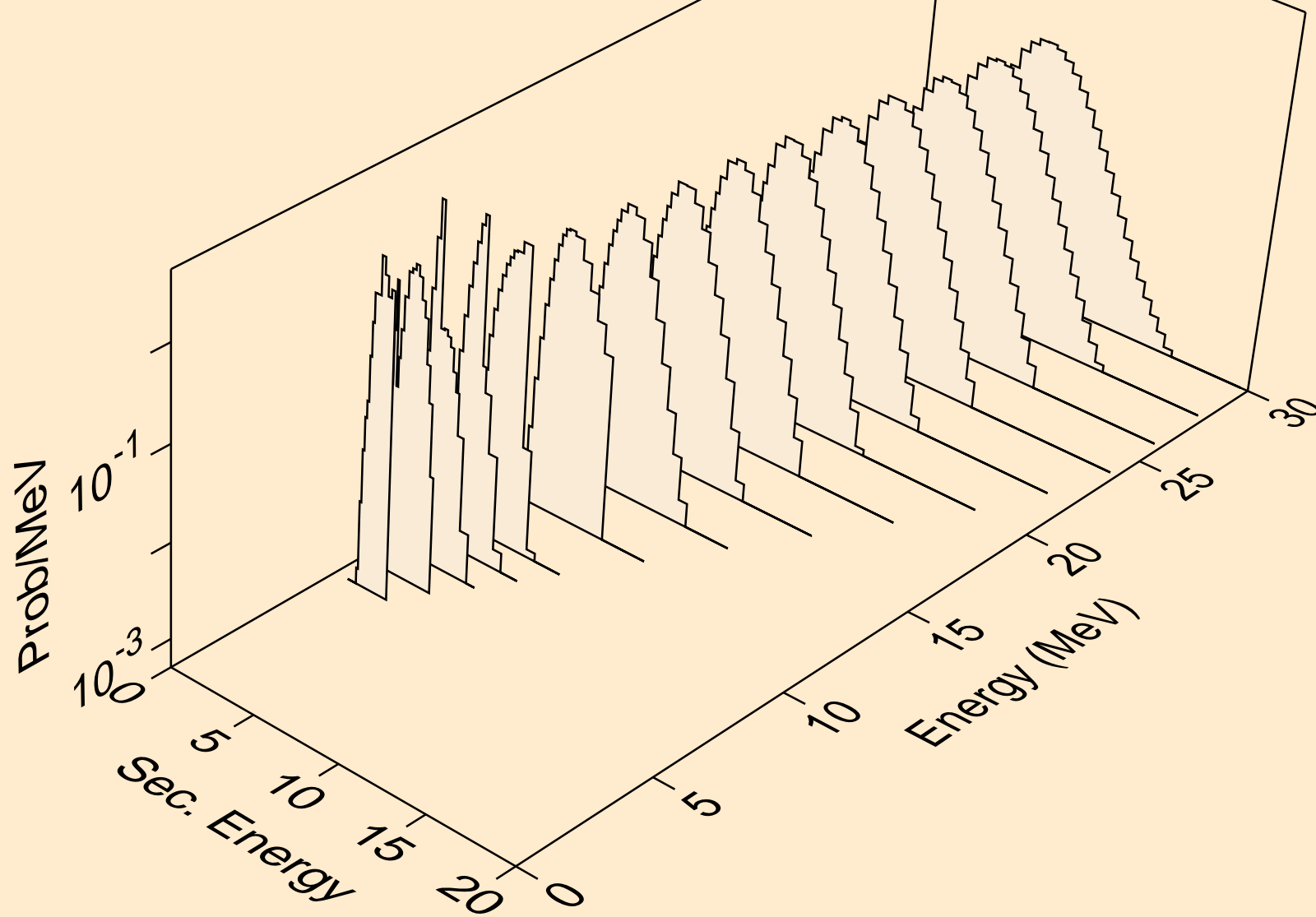
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for inelastic



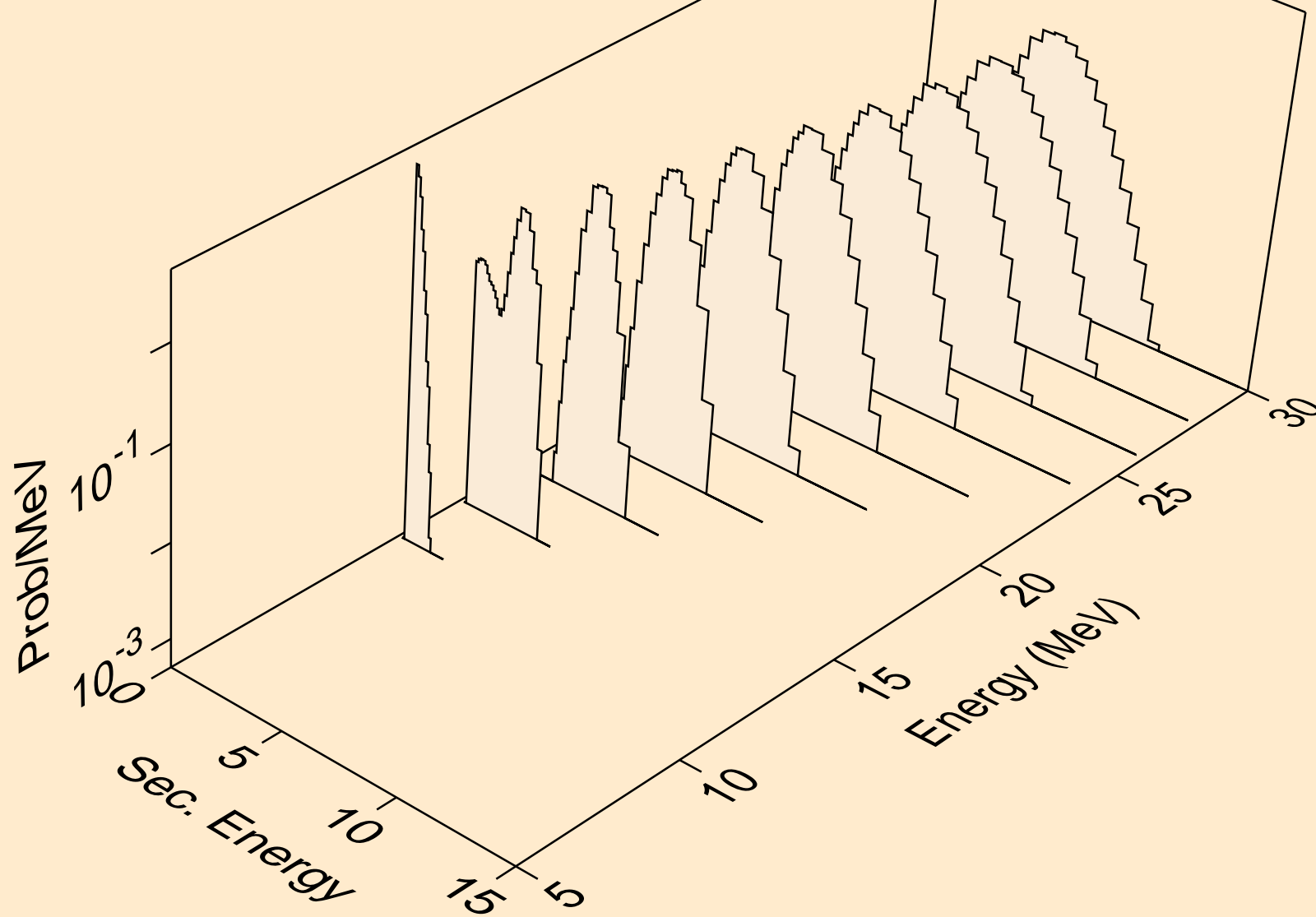
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2p)



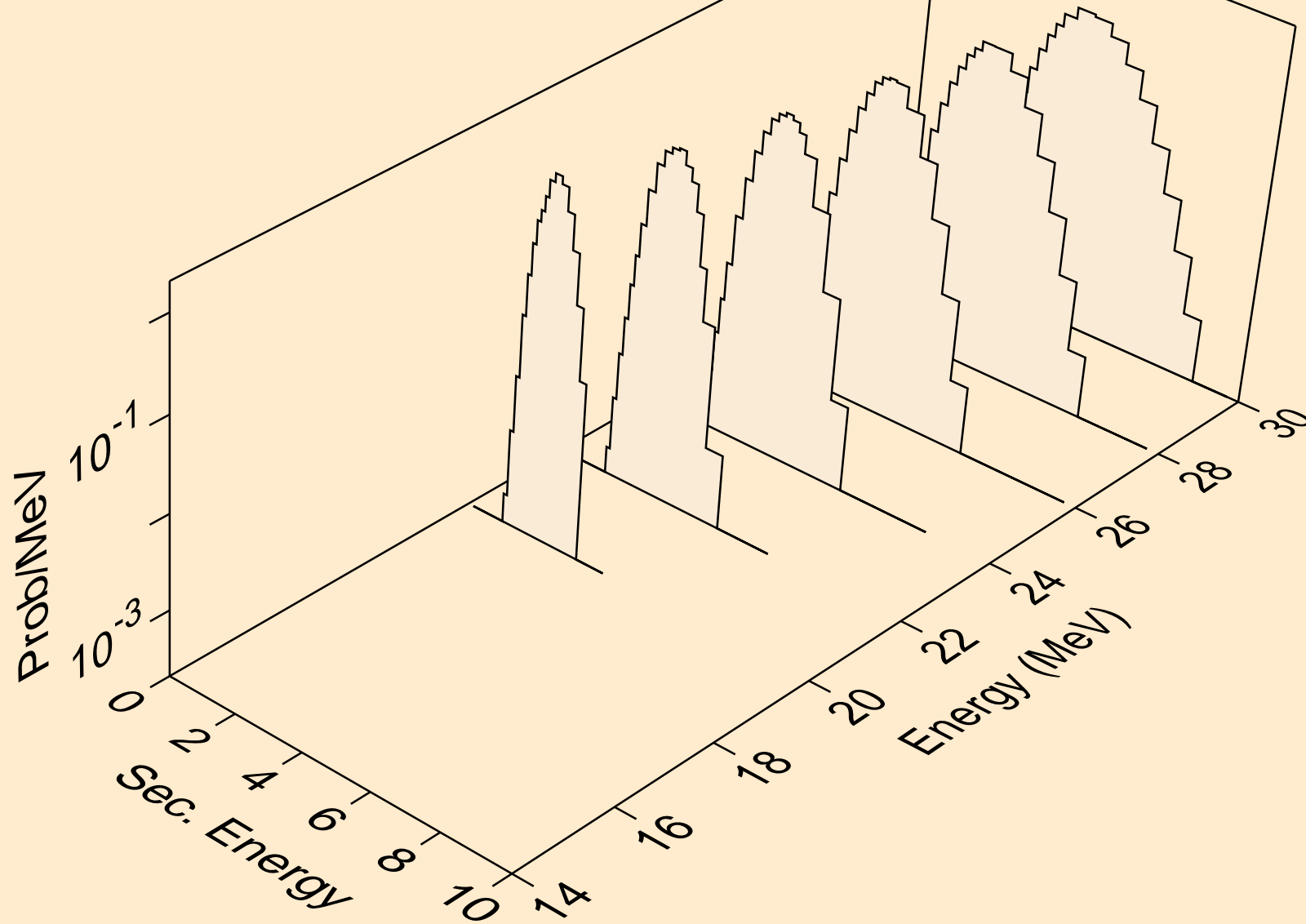
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pa)



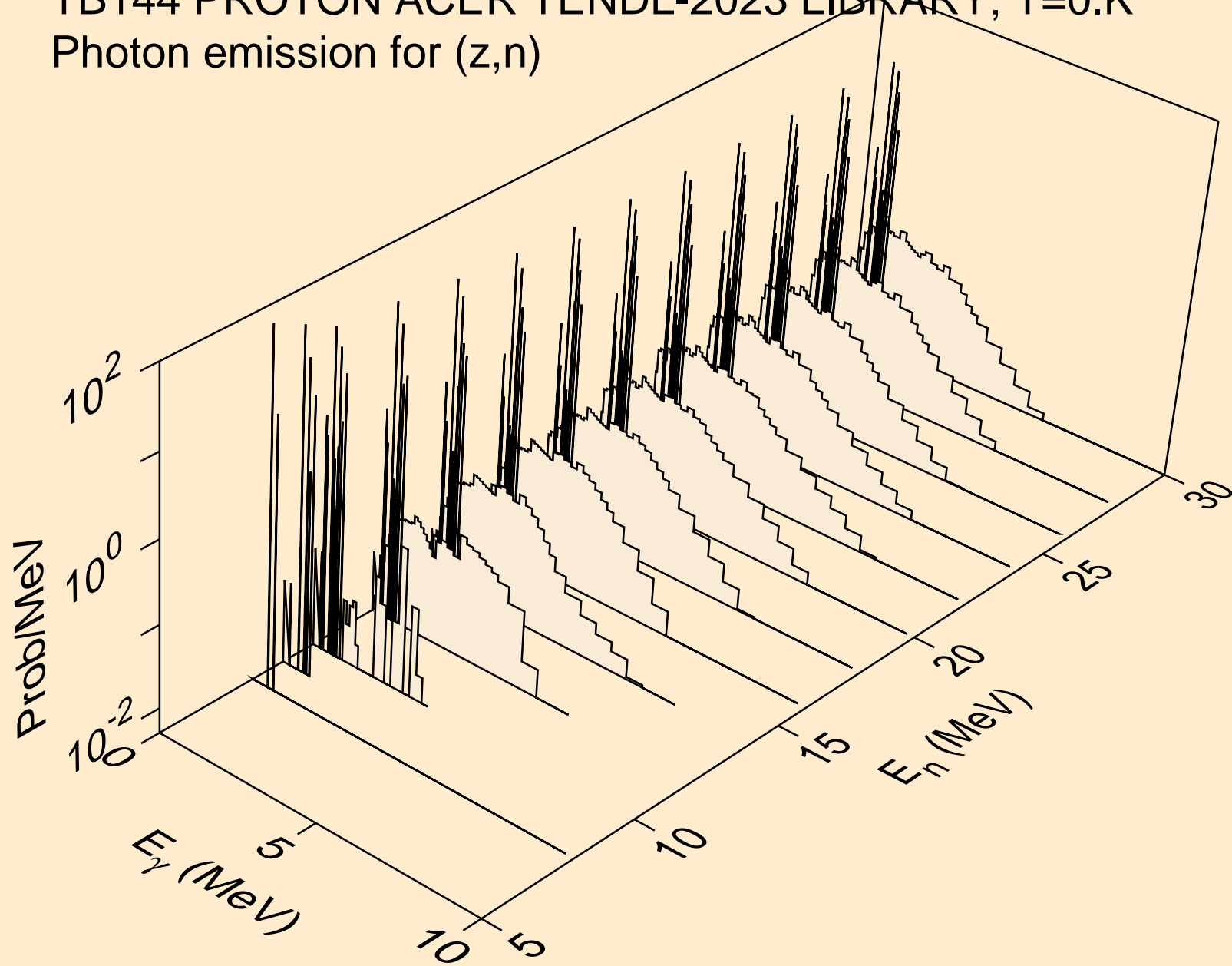
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pd)



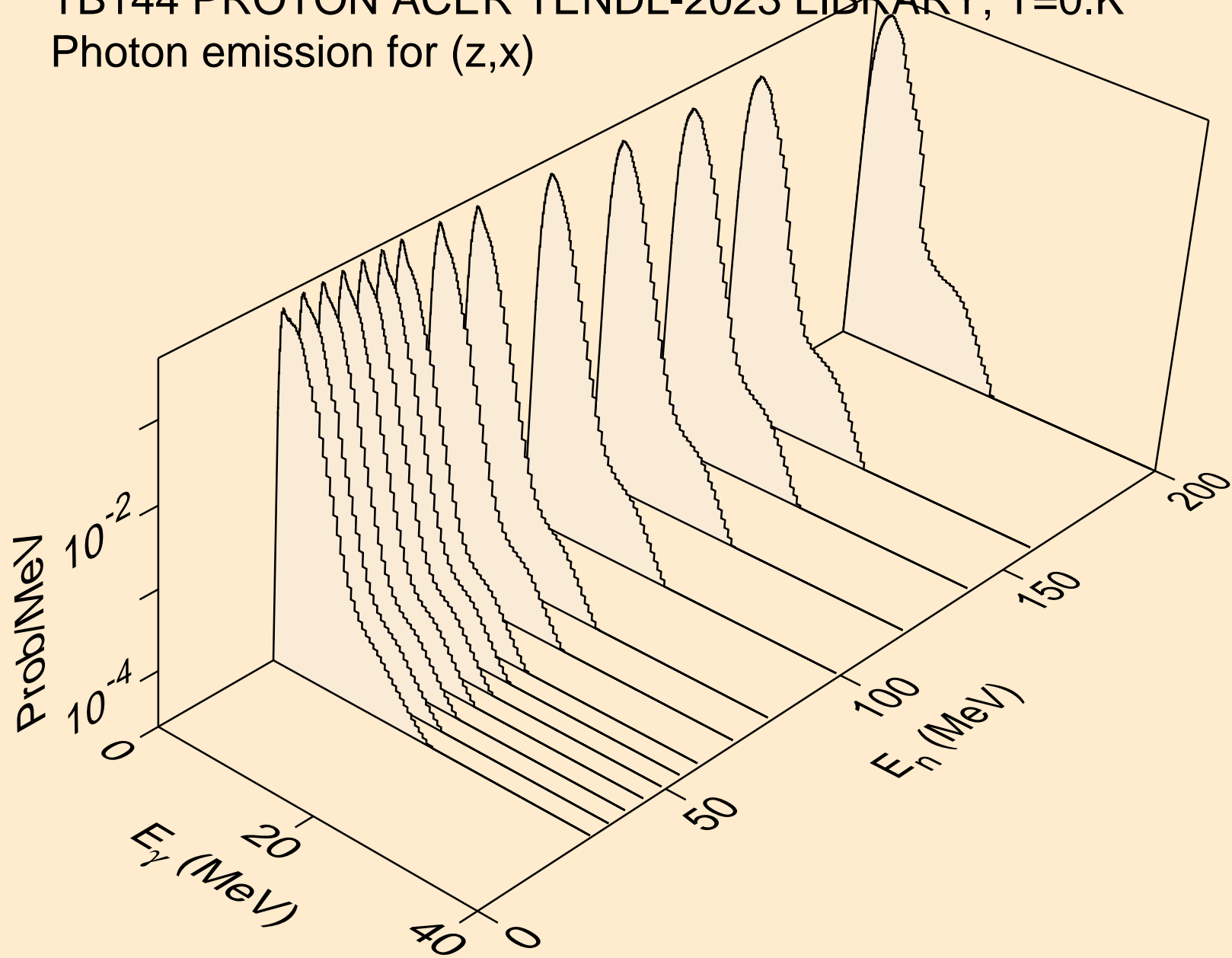
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pt)



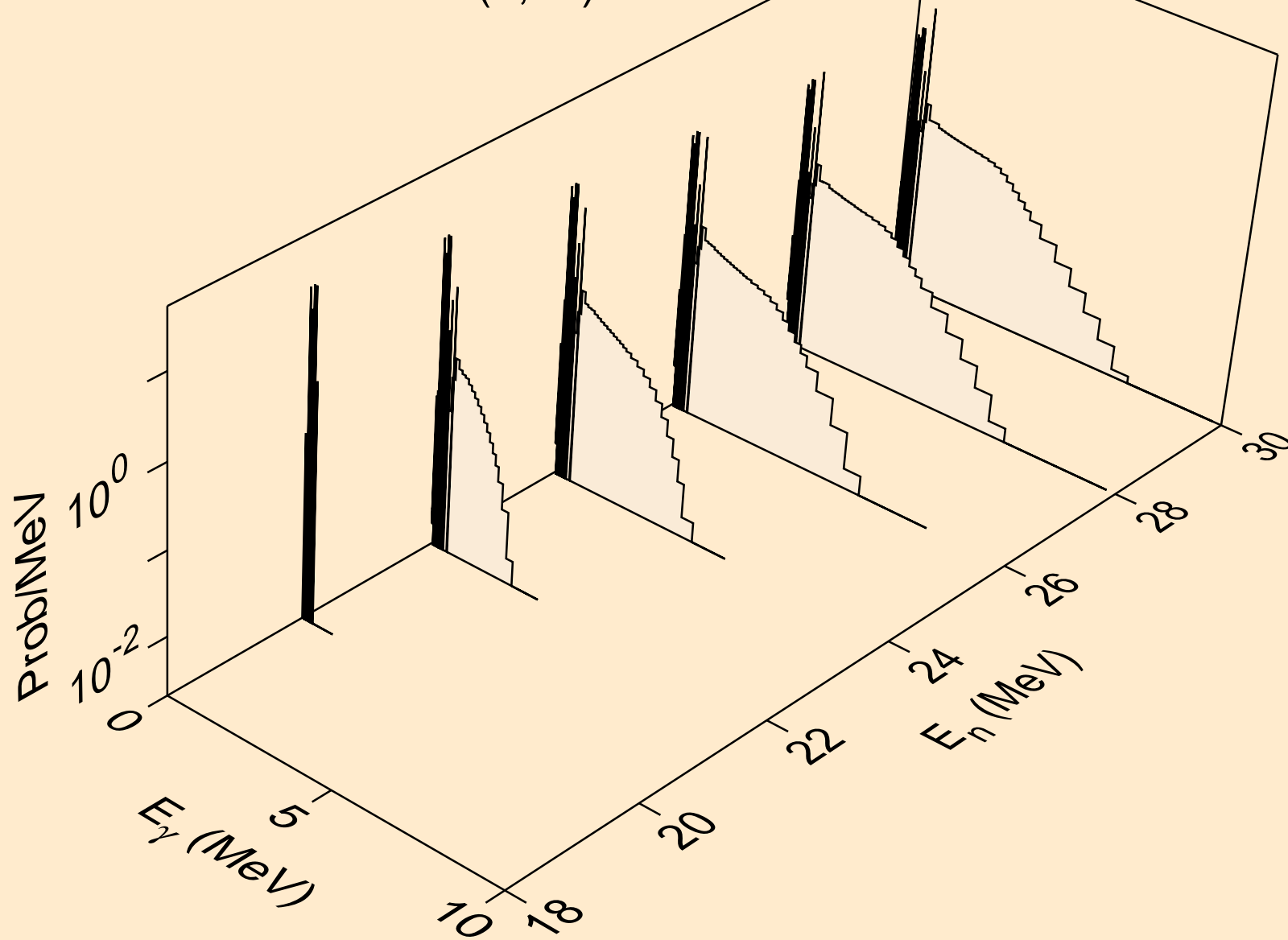
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)



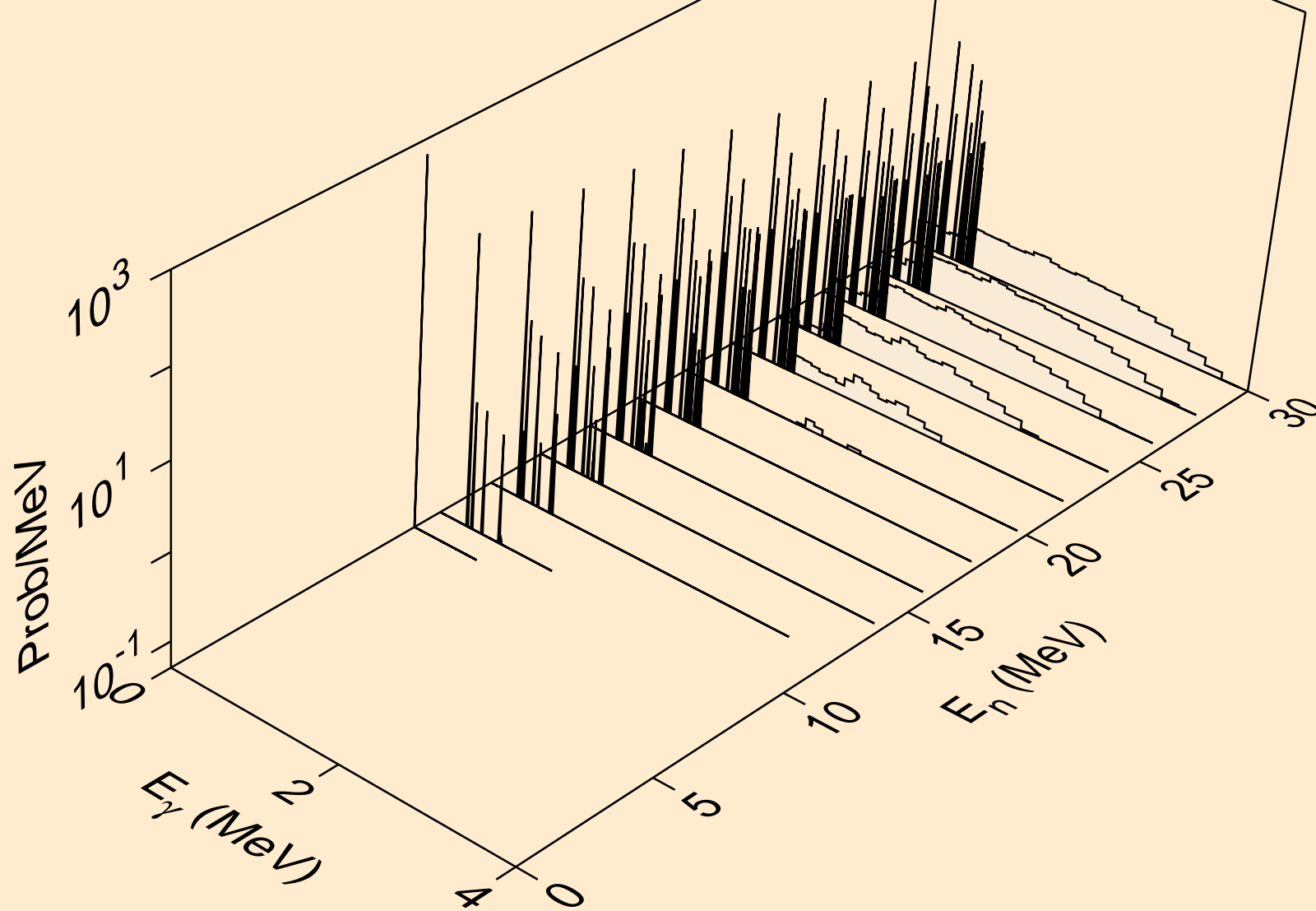
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,x)



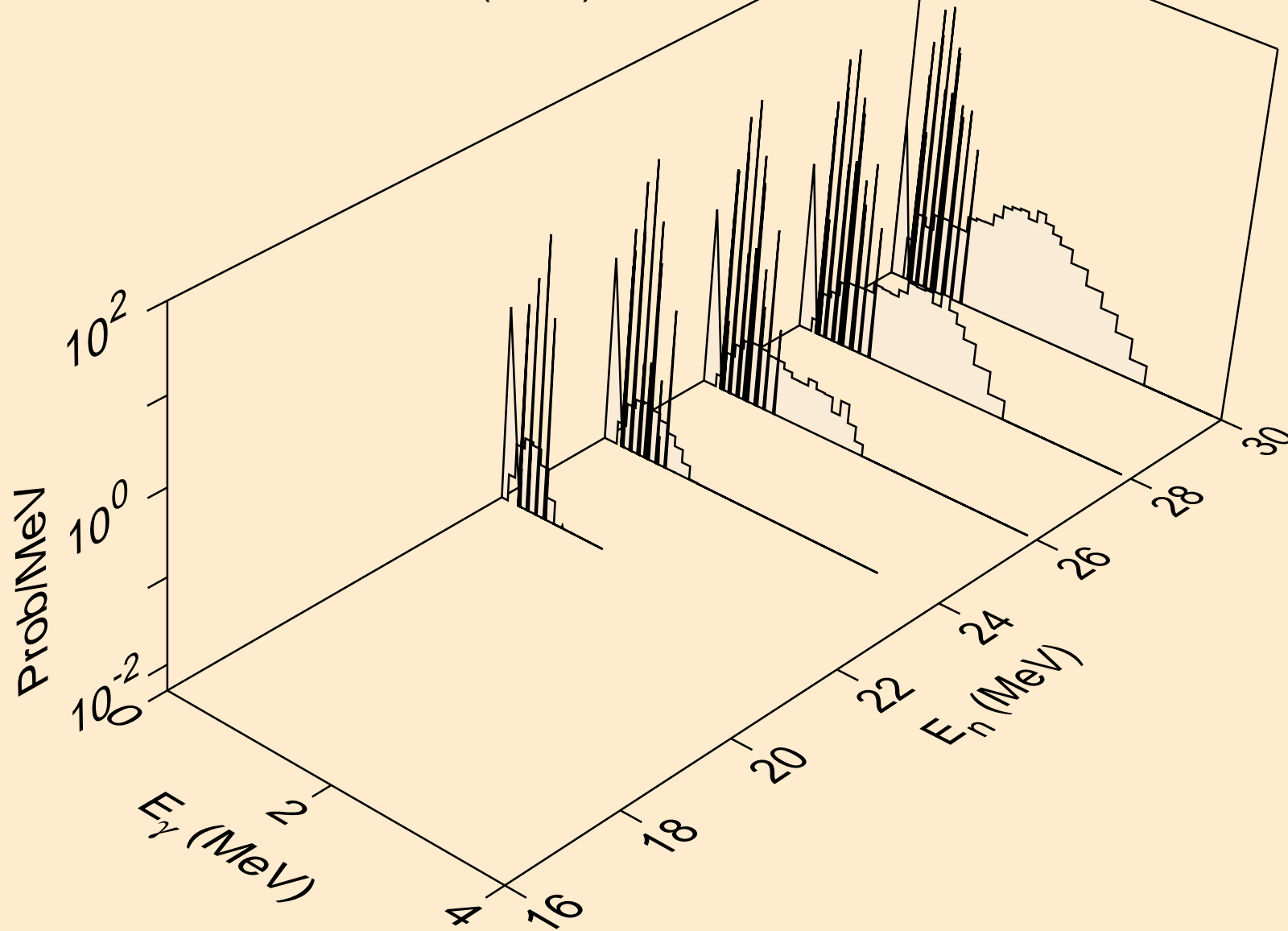
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



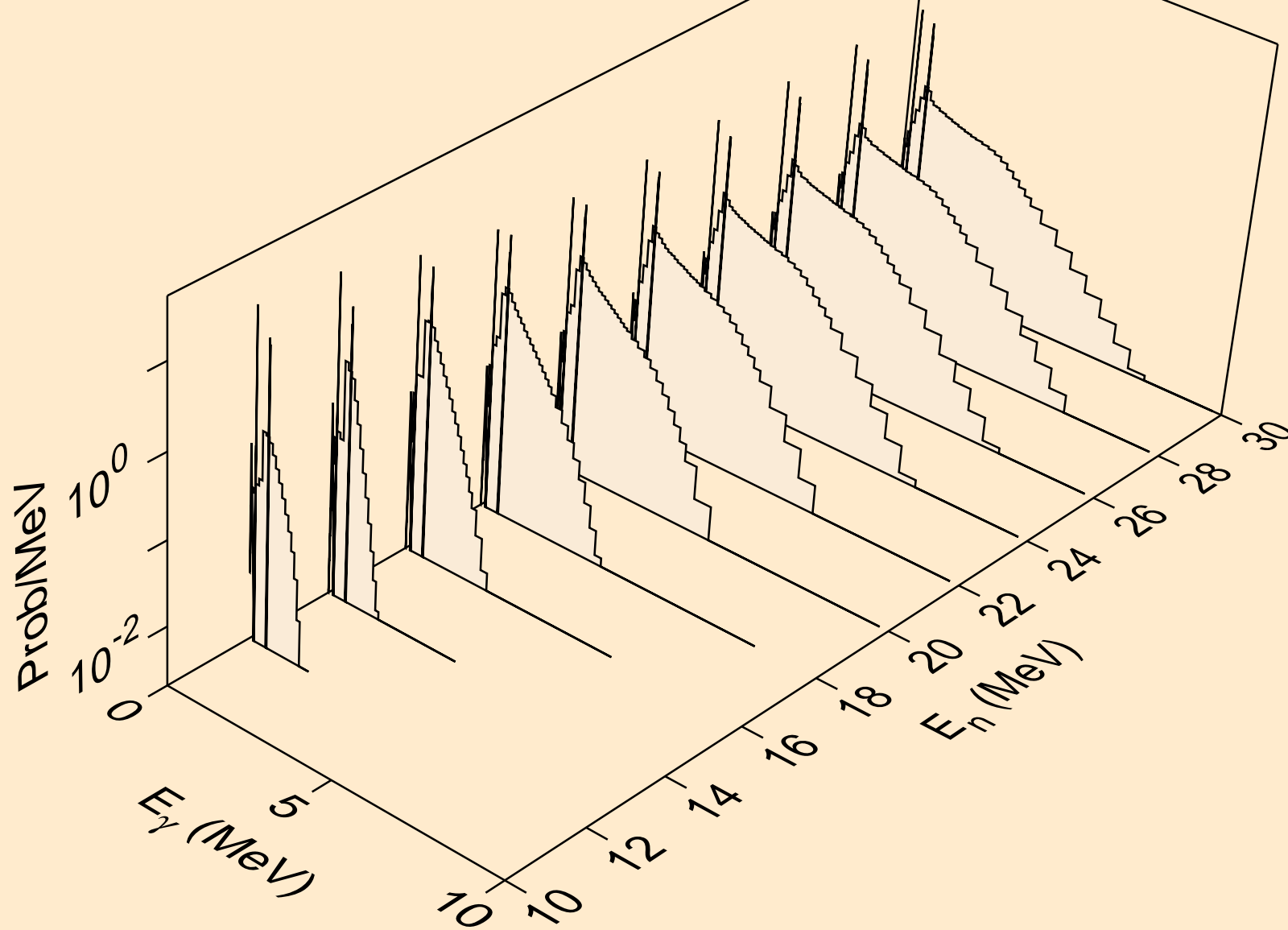
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



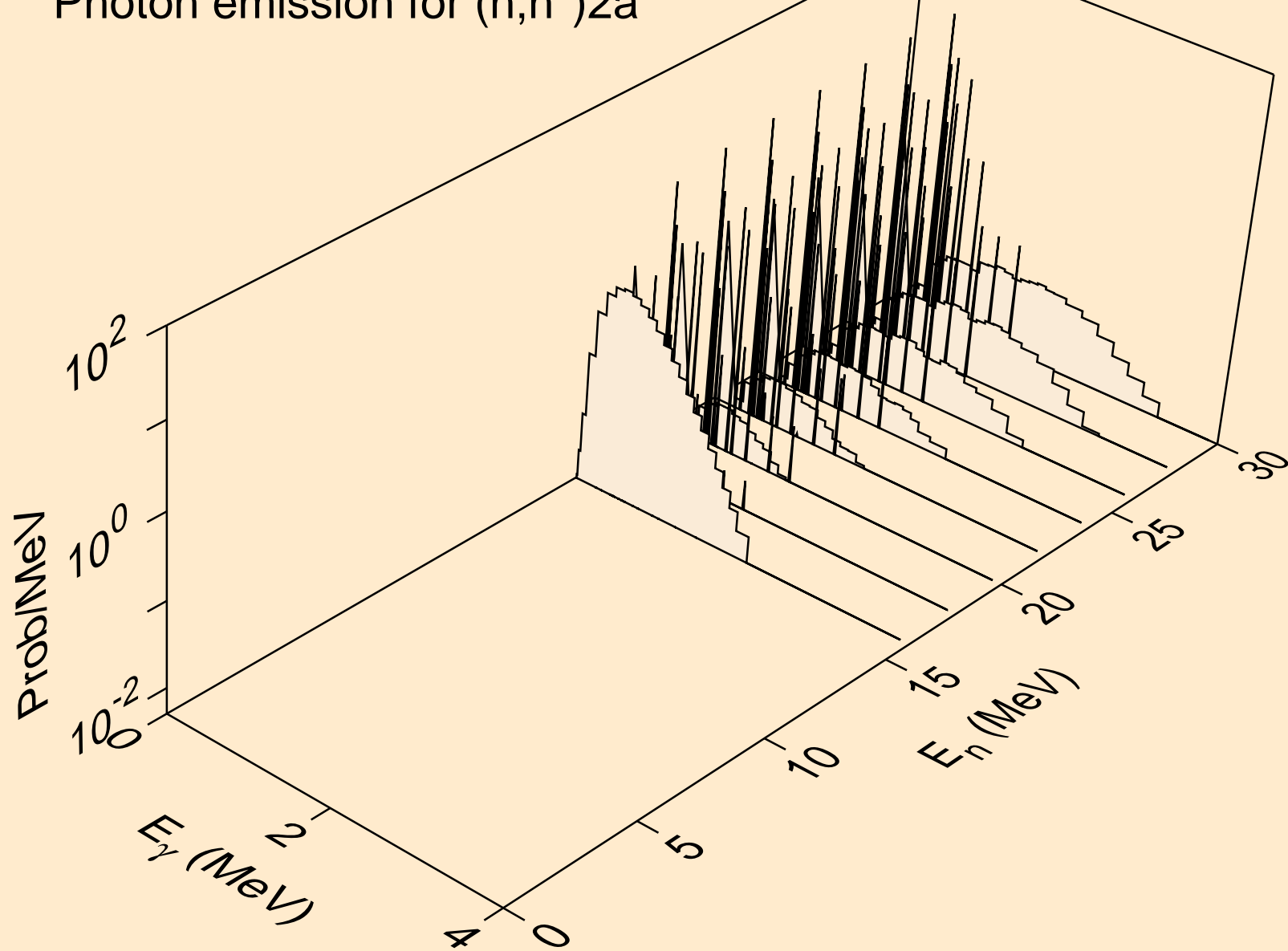
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



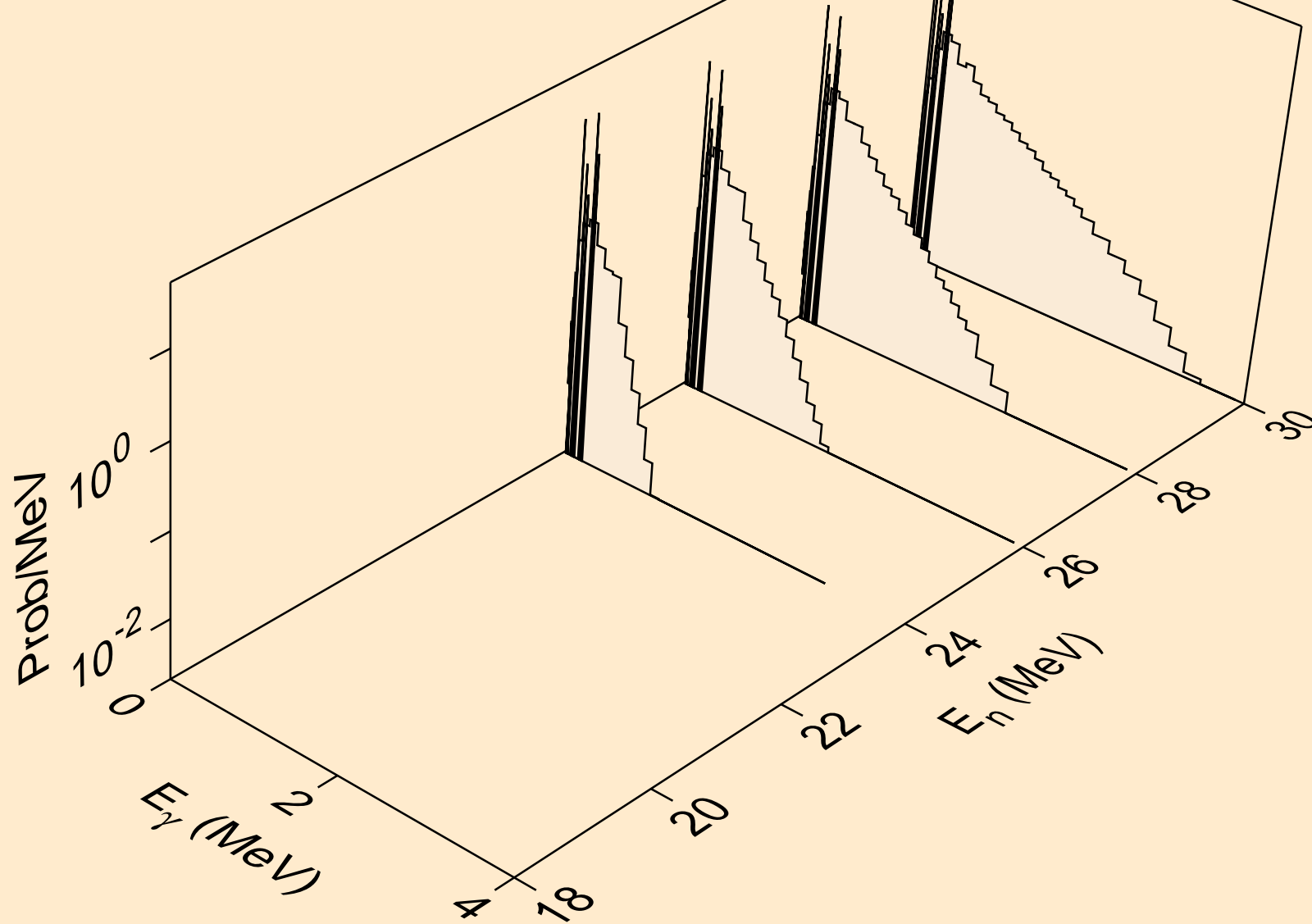
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



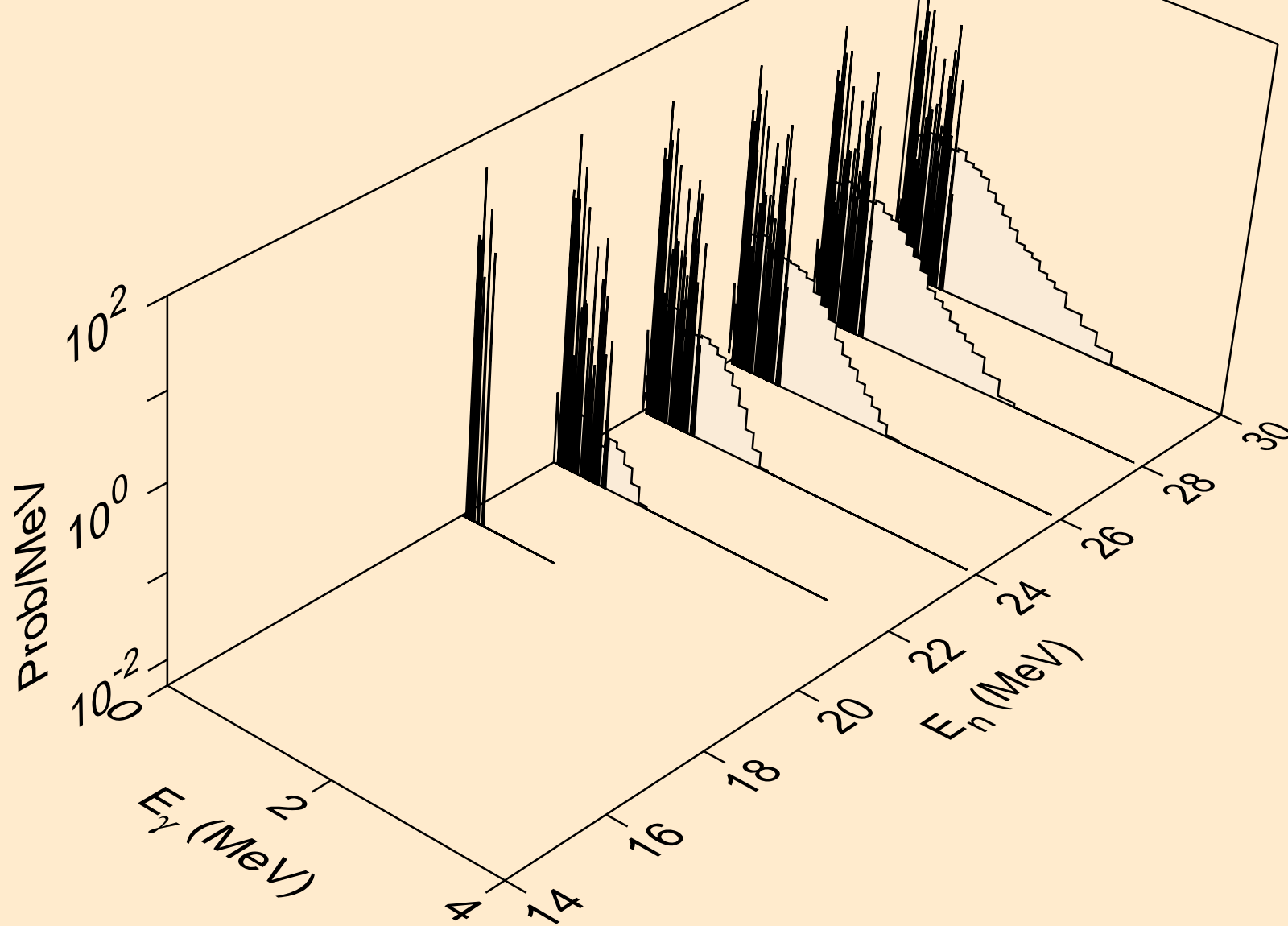
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



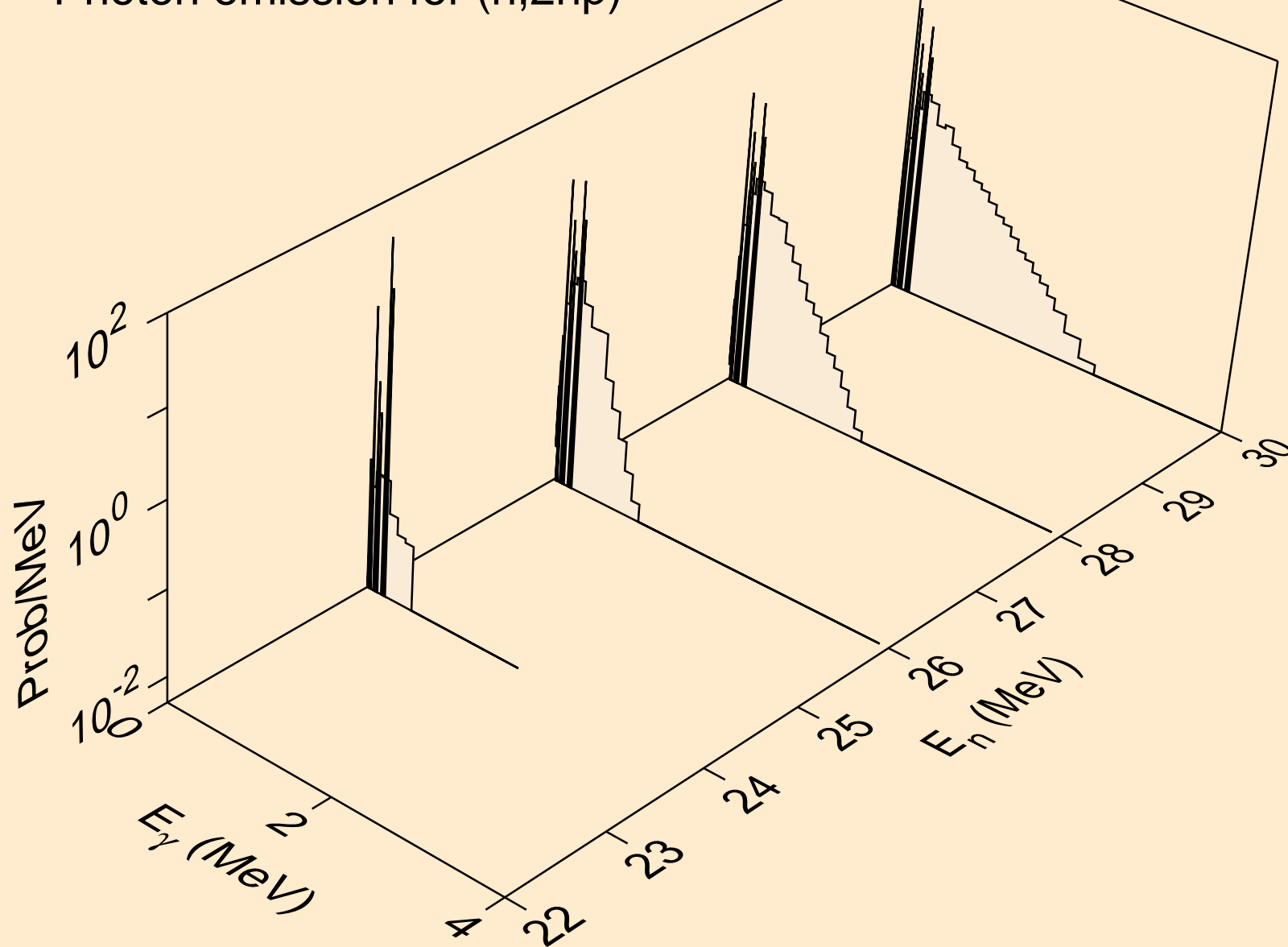
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



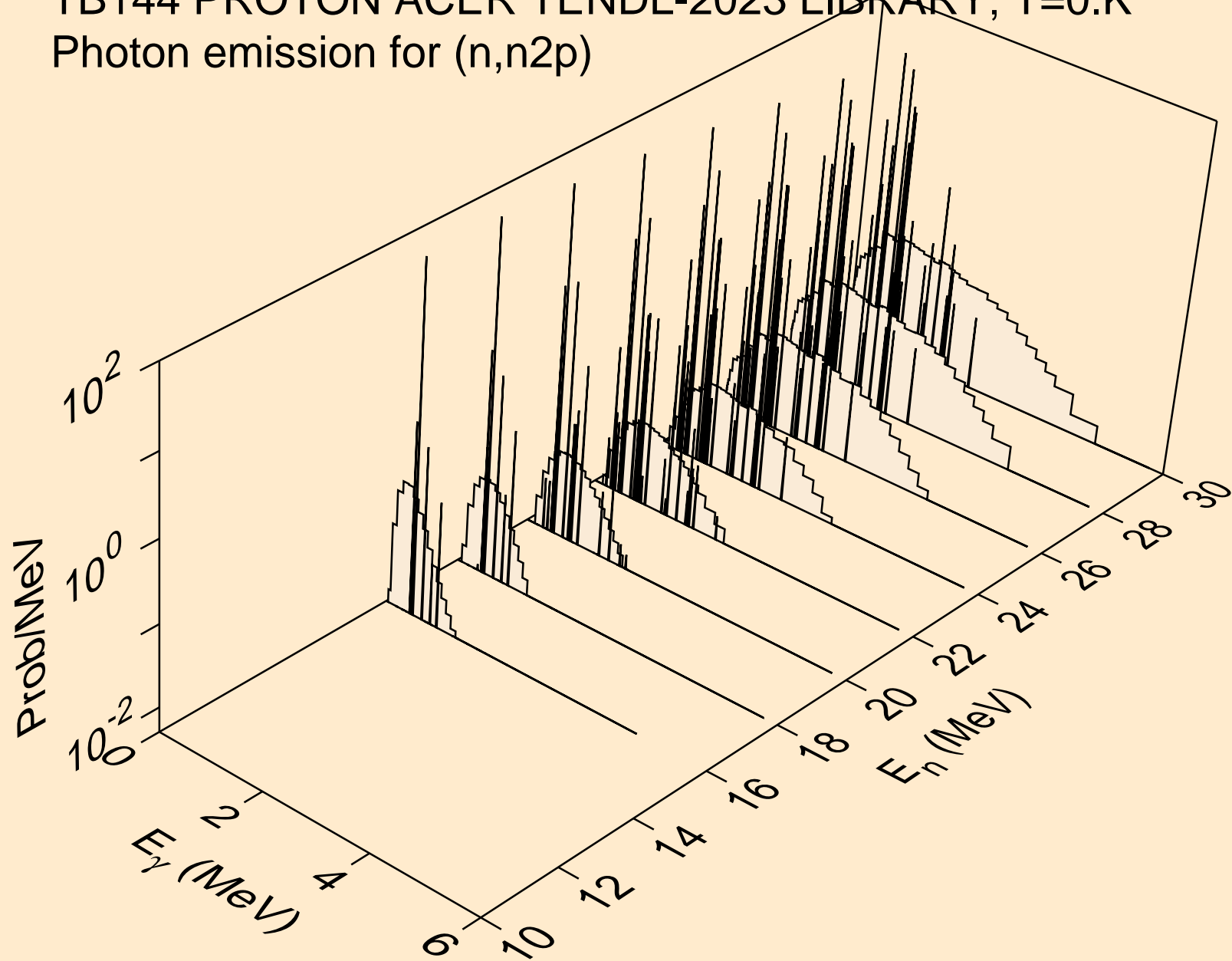
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



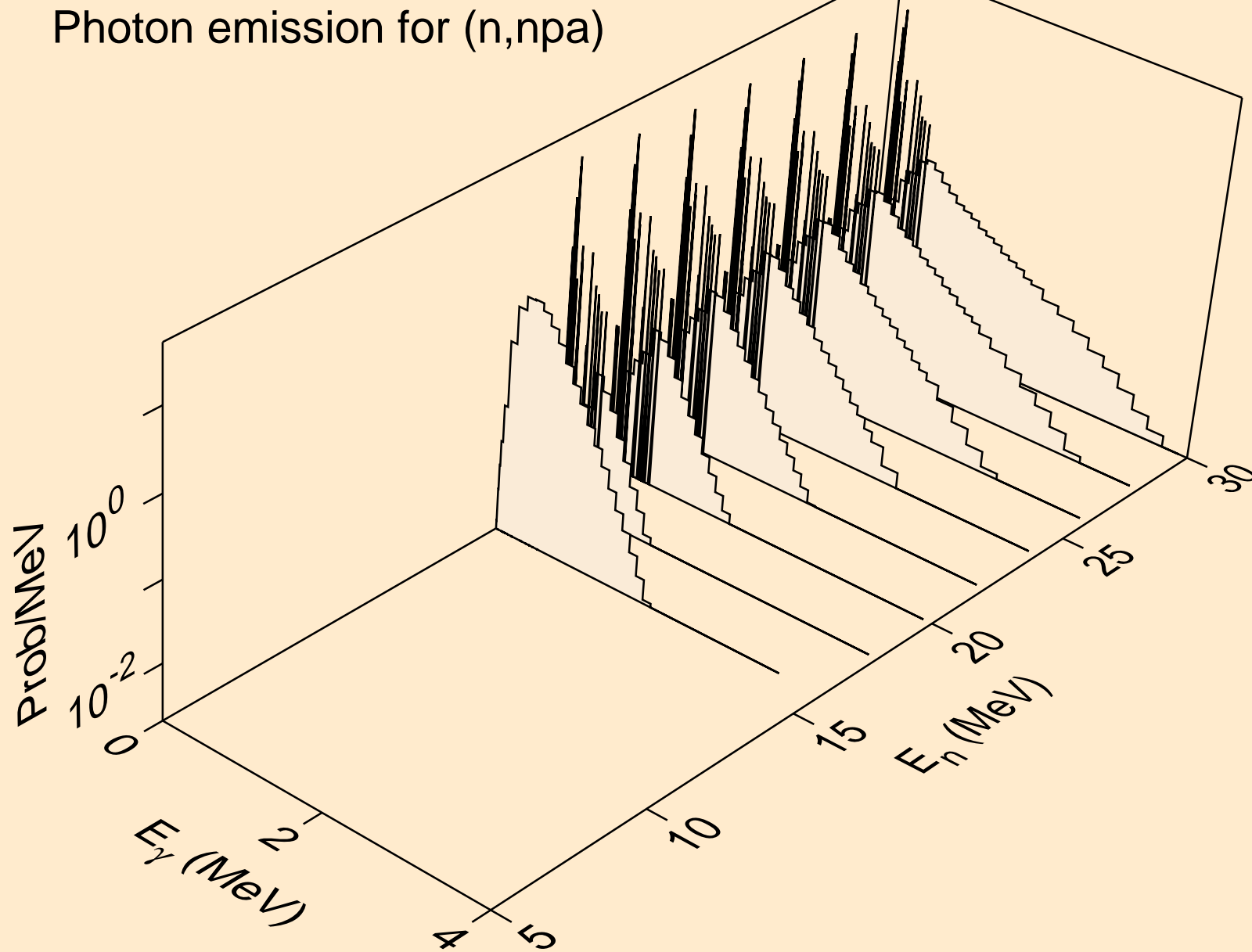
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



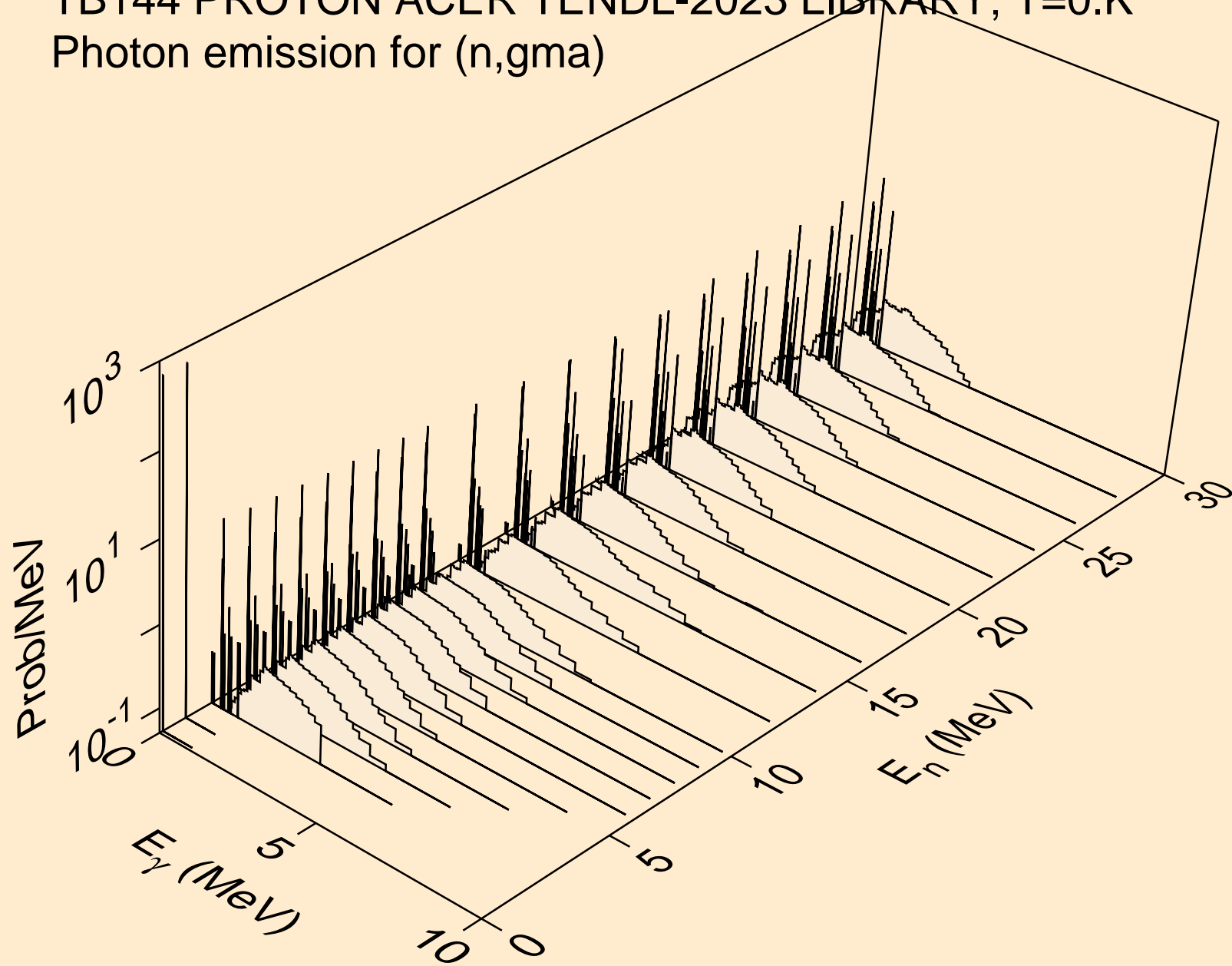
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



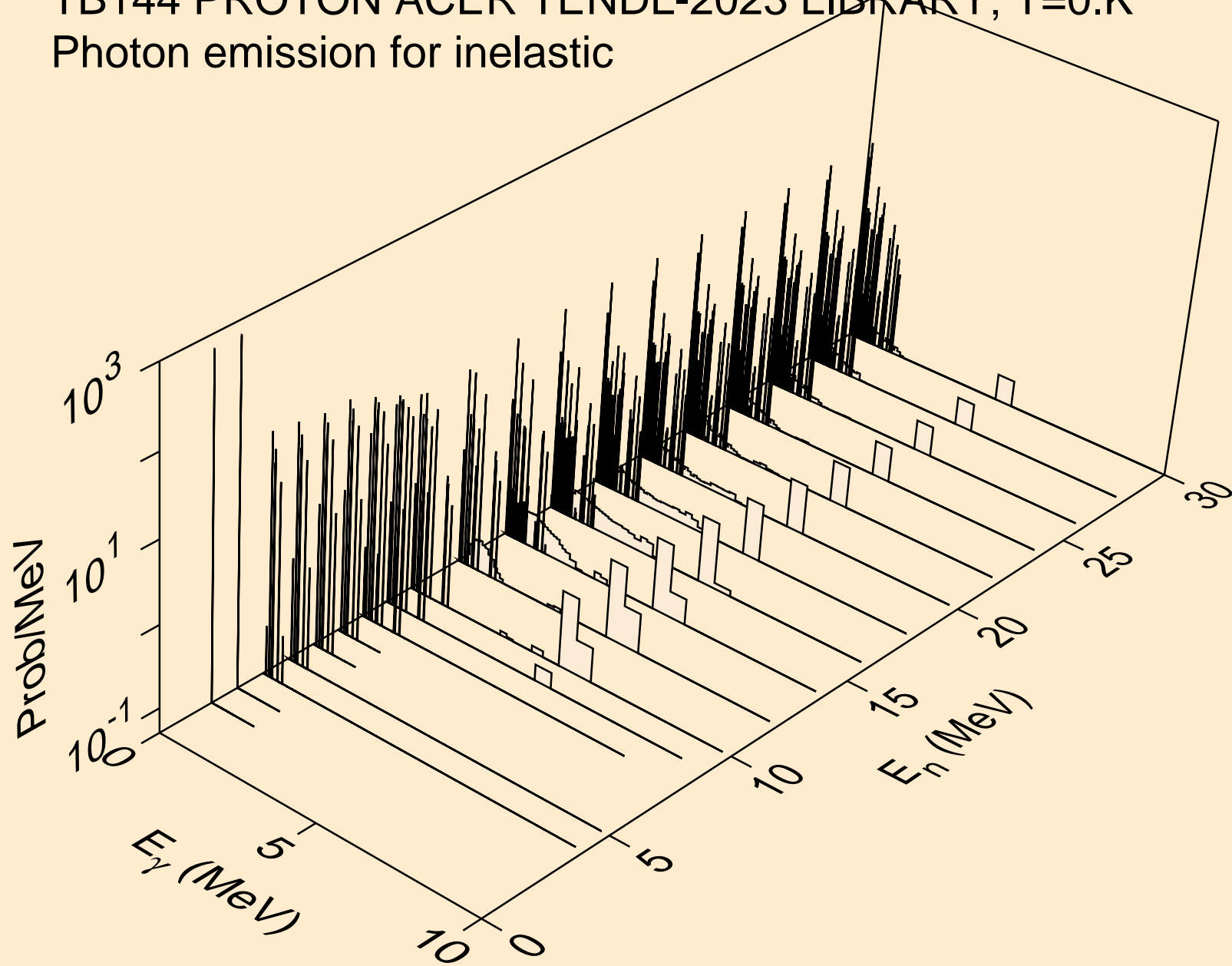
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



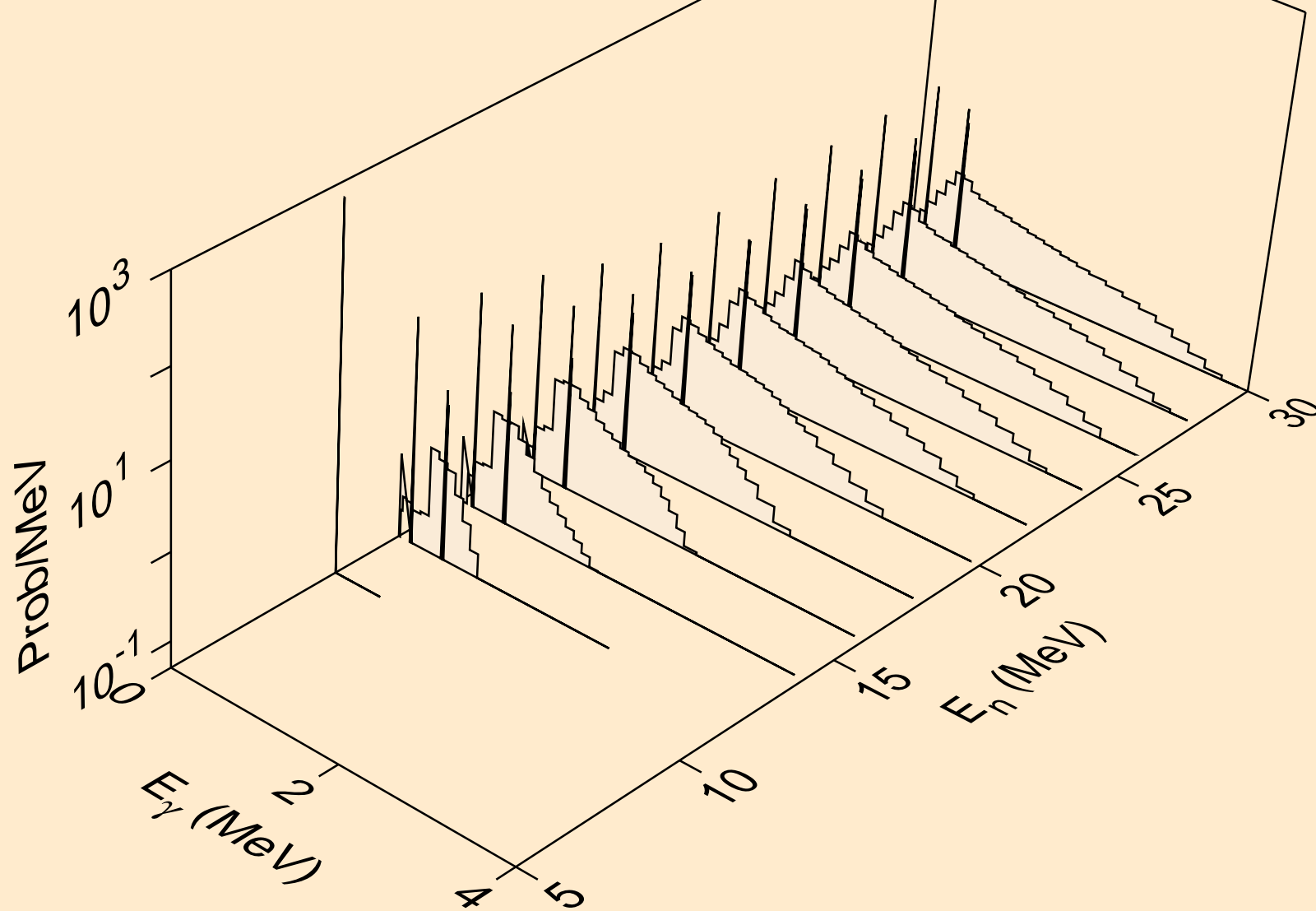
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Photon emission for (n,gma)



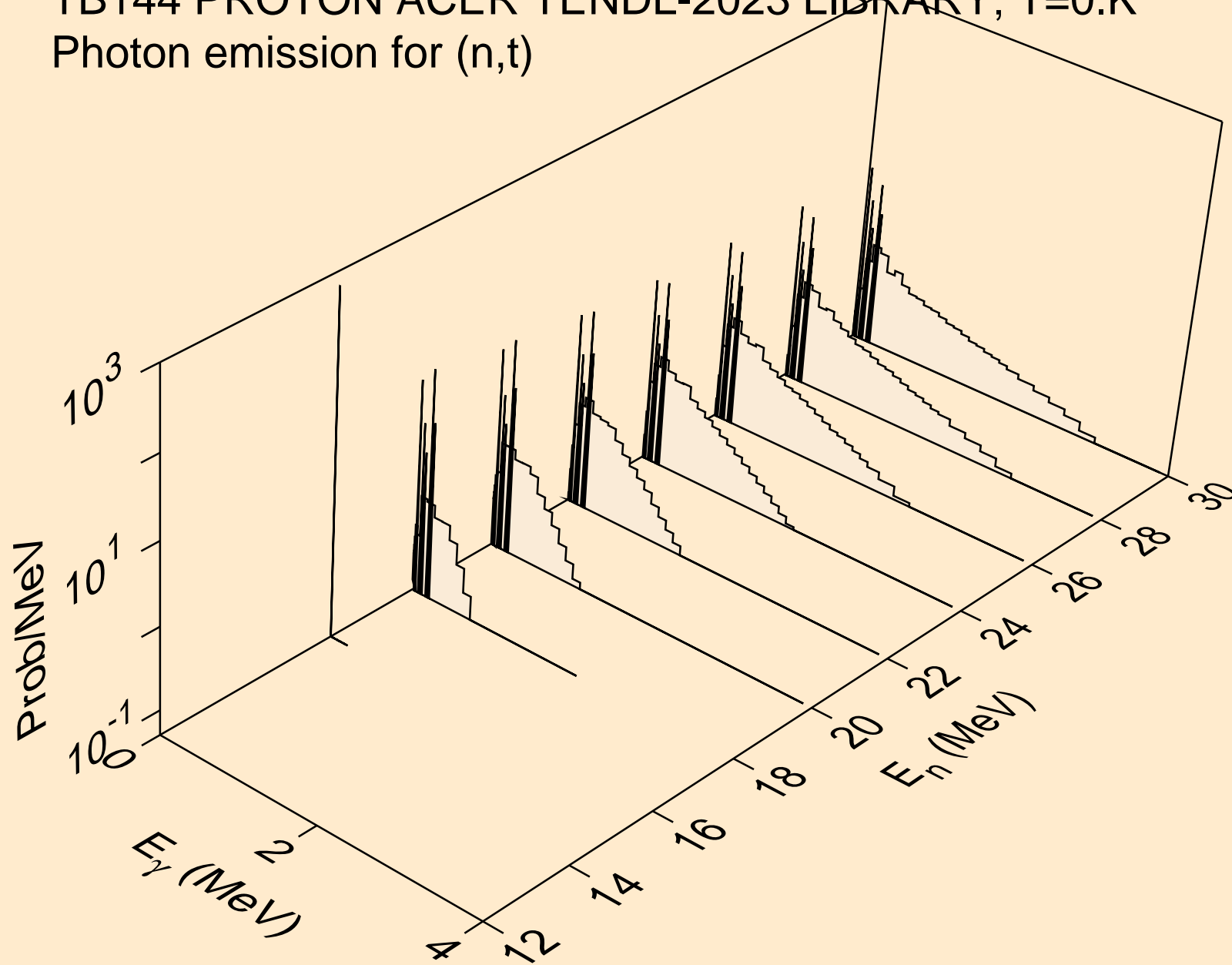
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



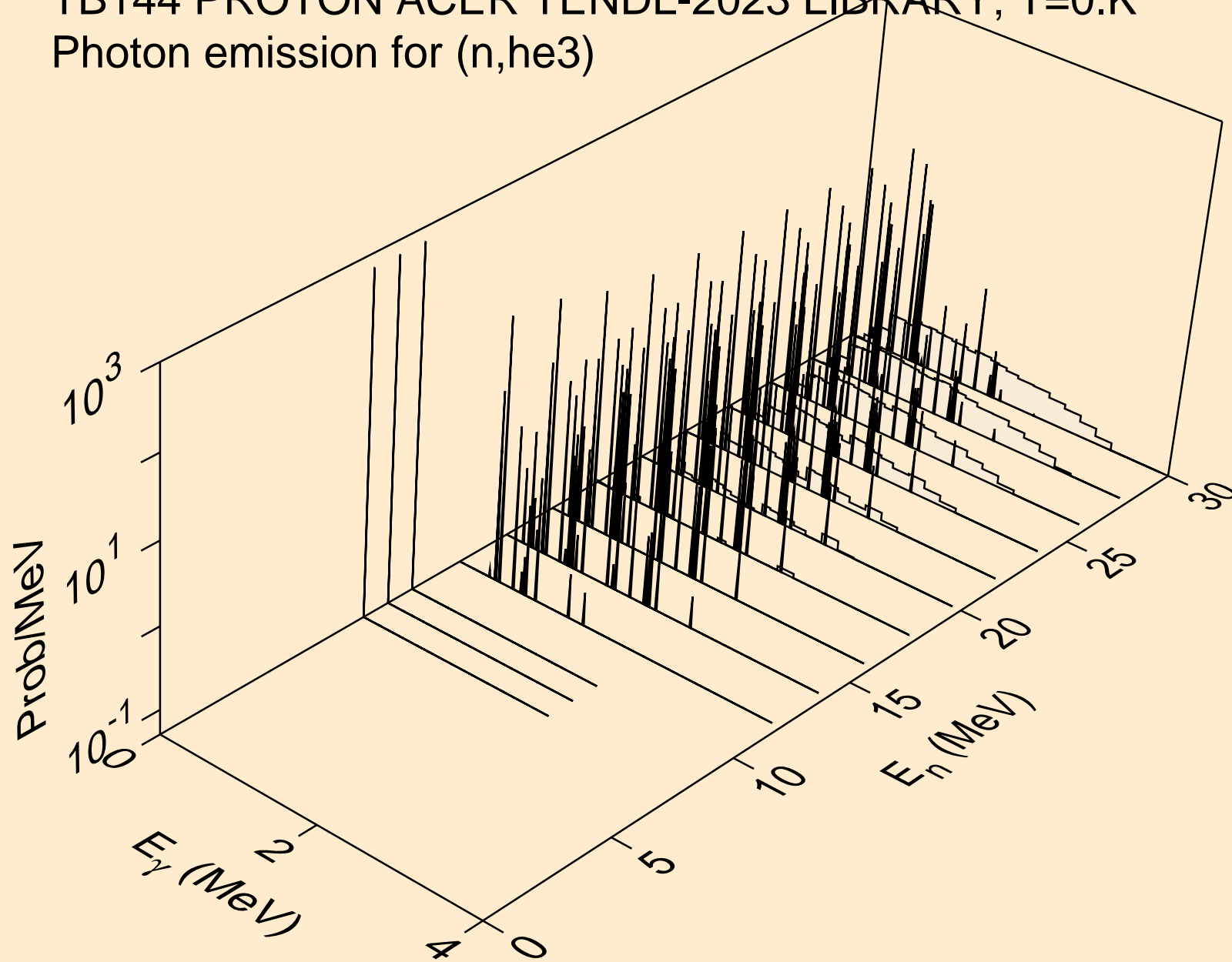
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



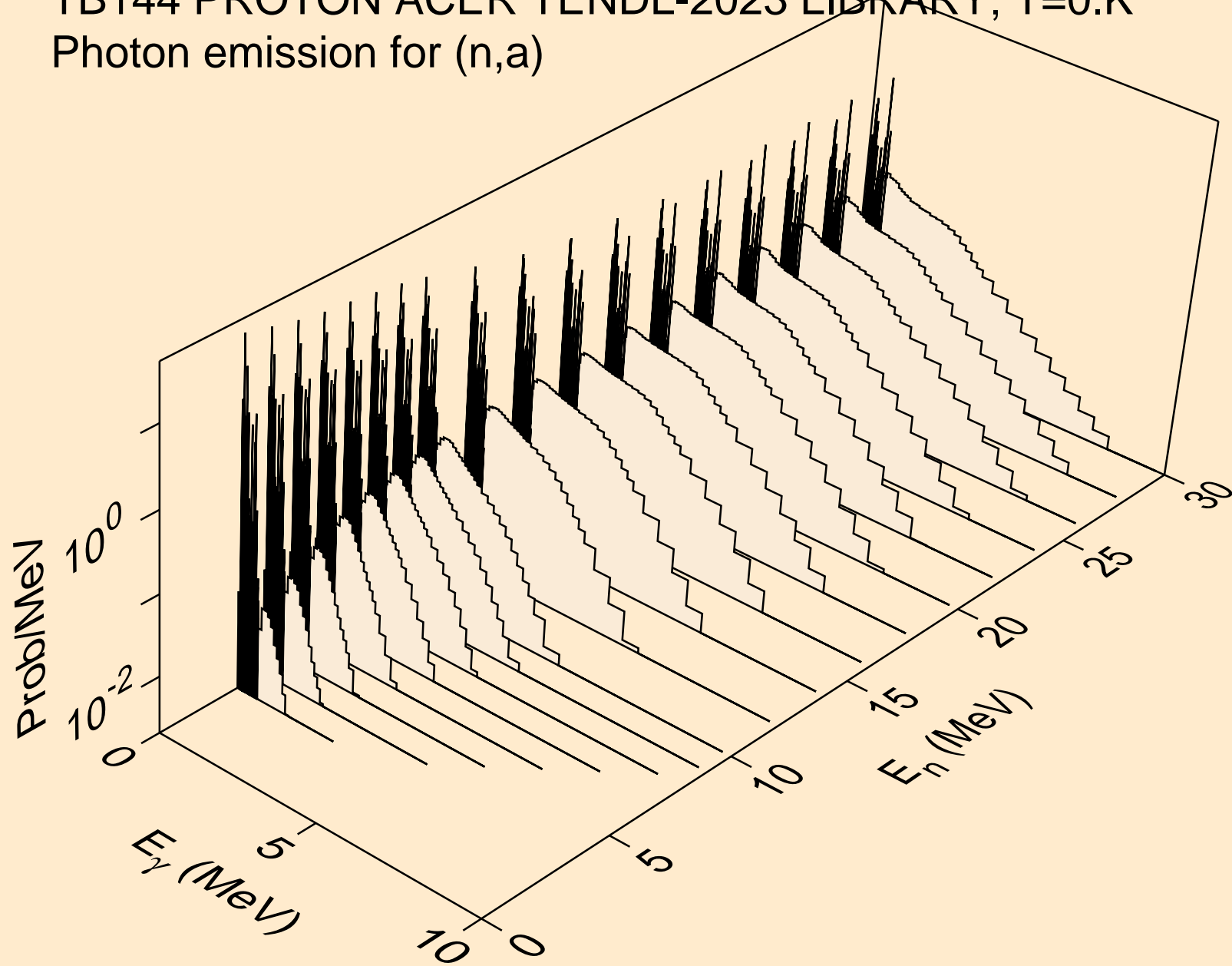
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



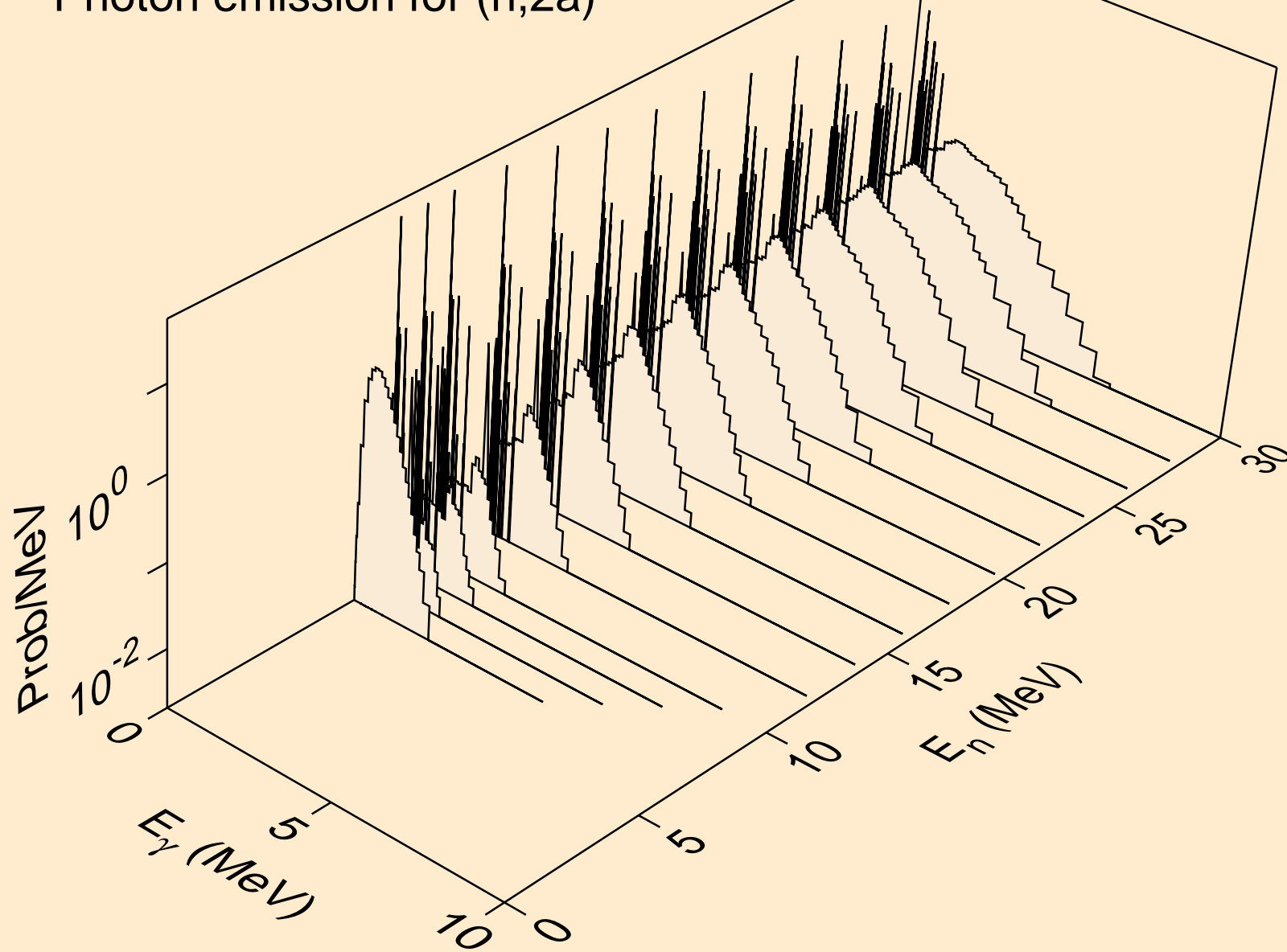
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



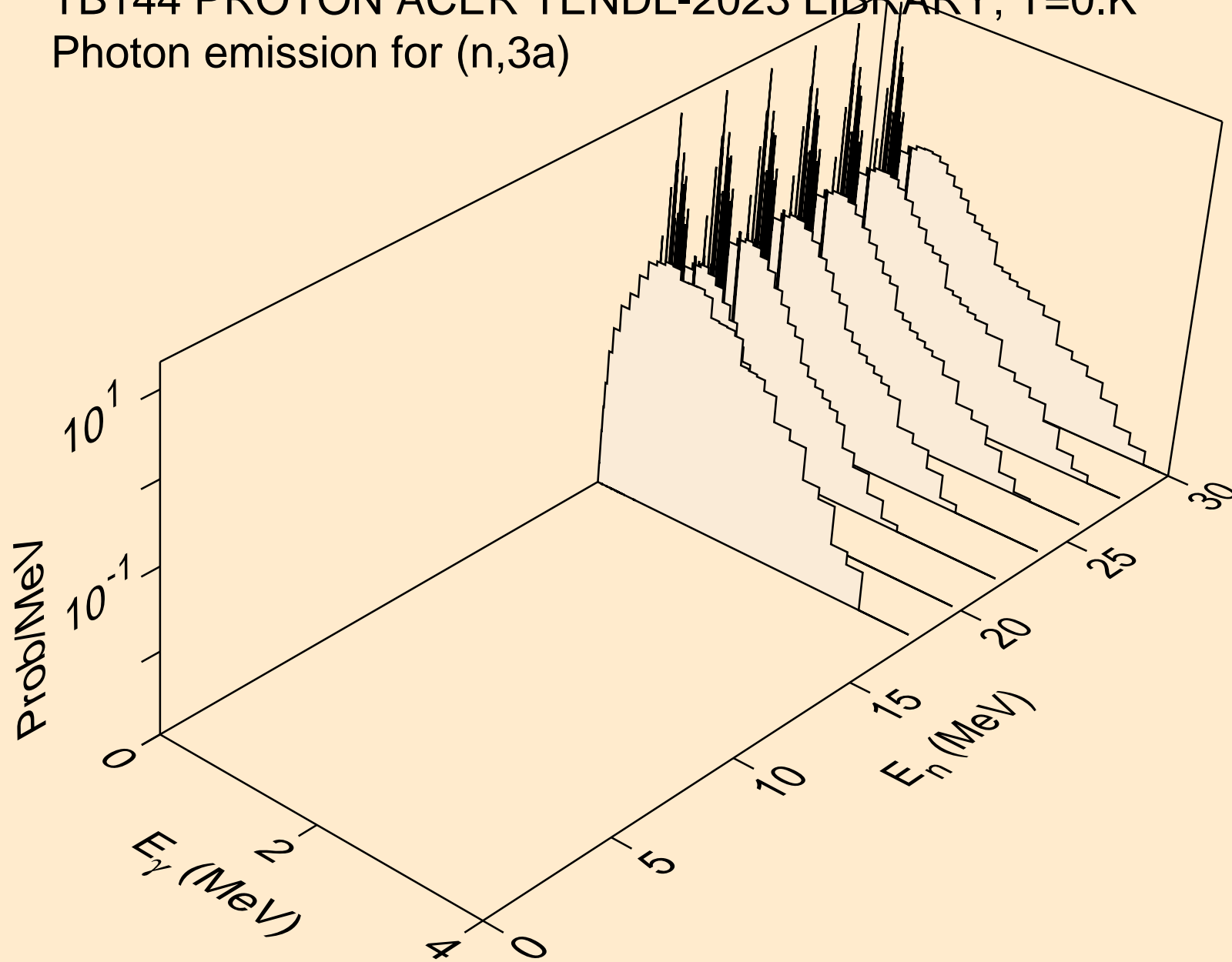
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



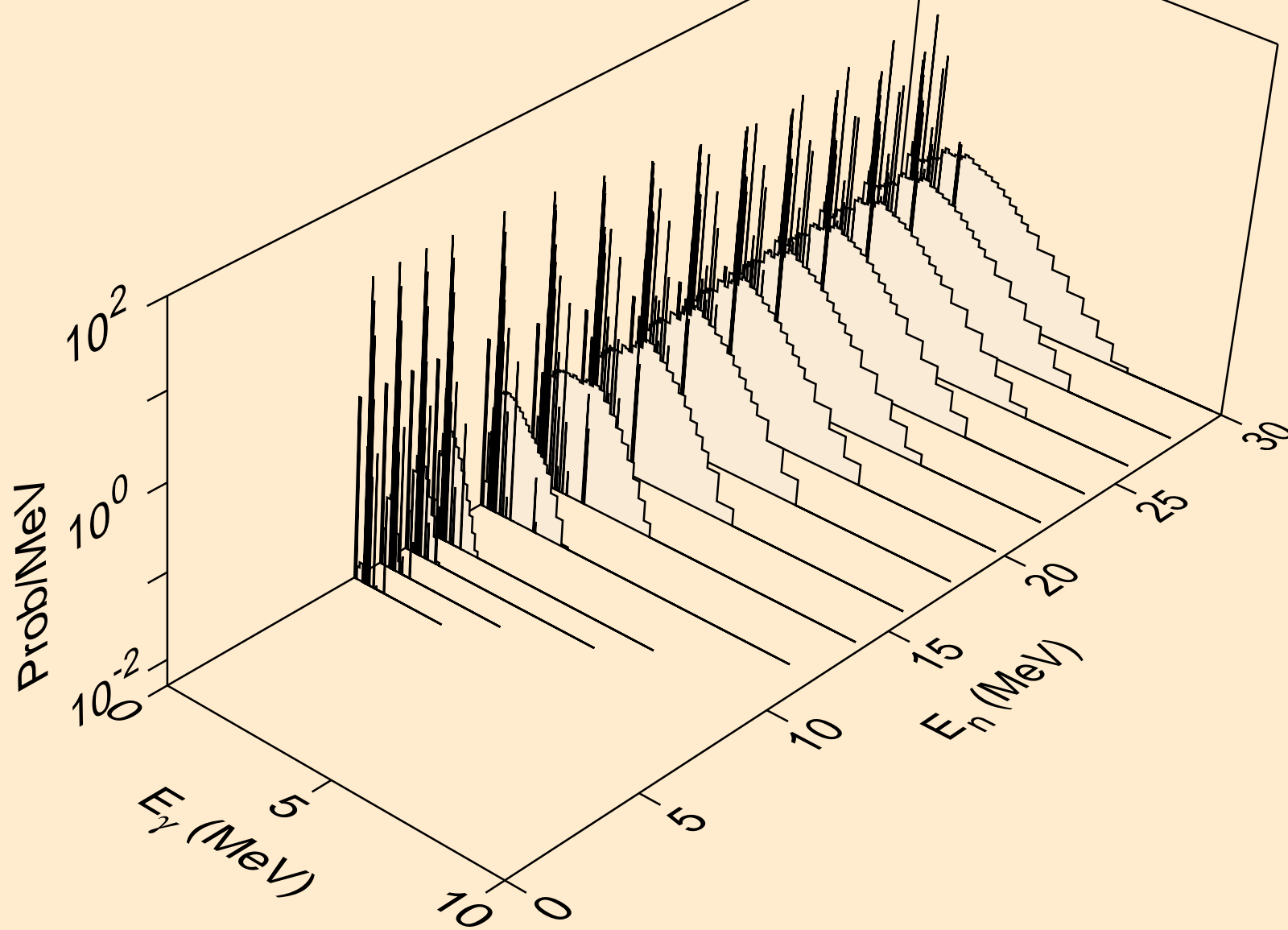
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



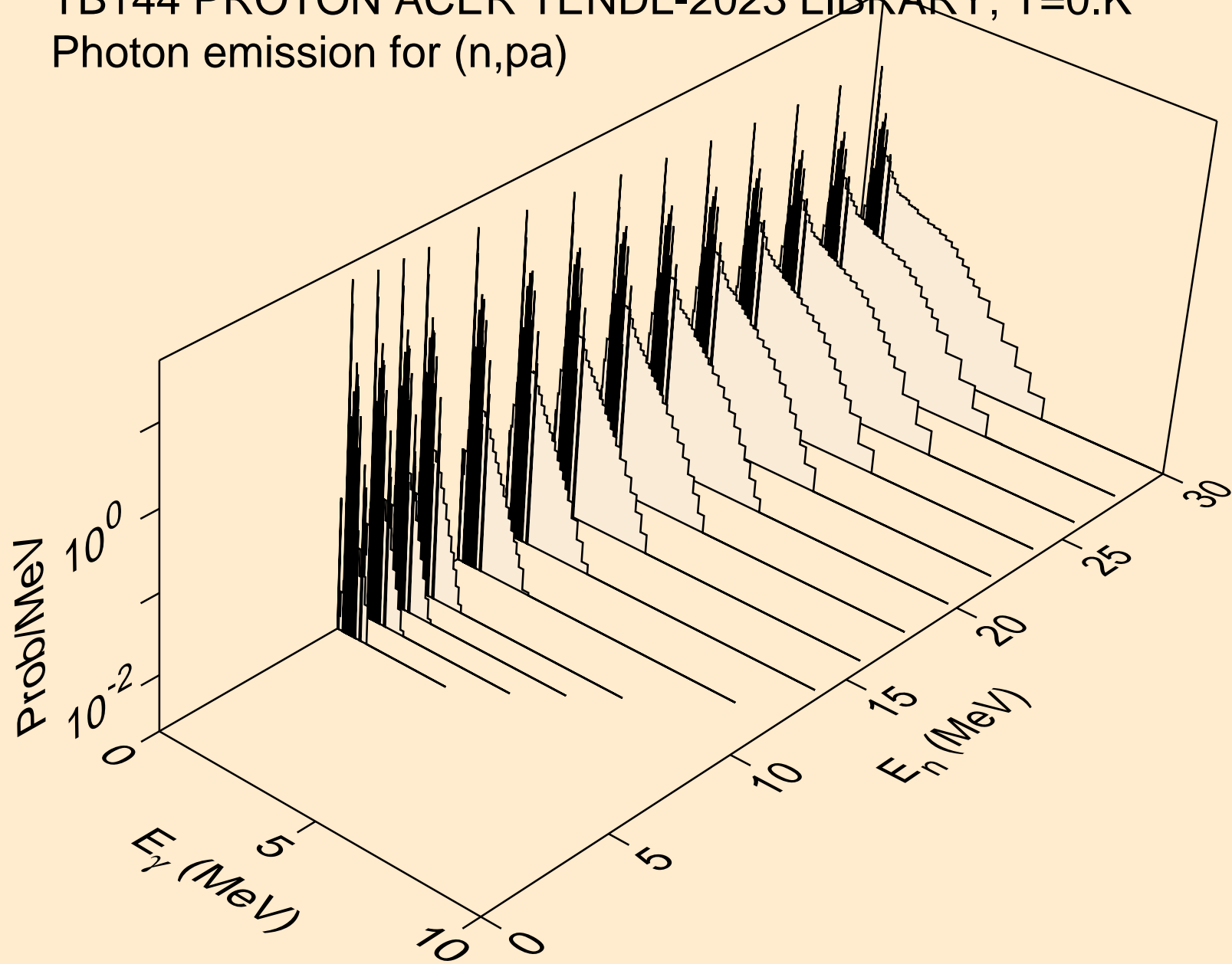
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3a)



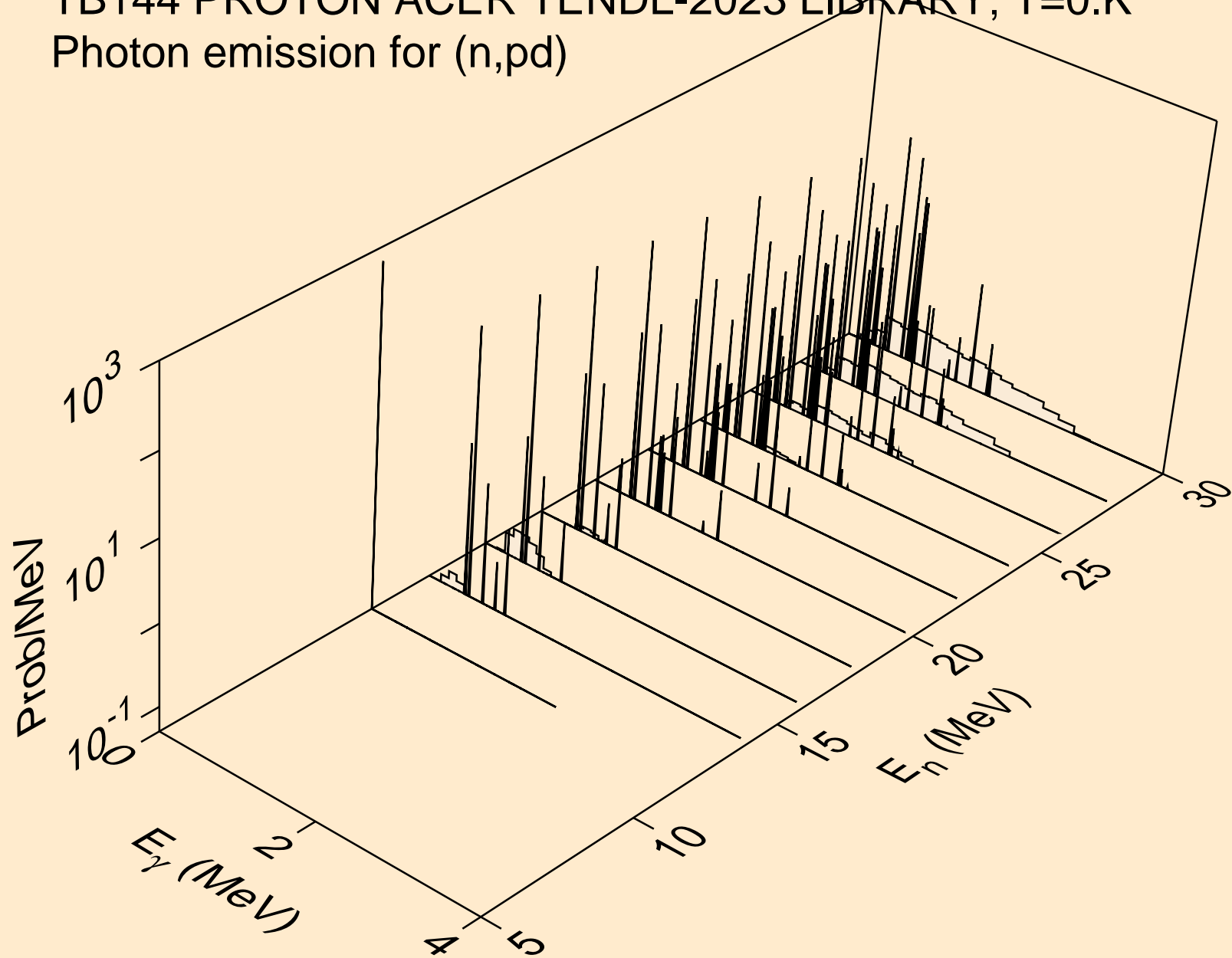
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pa)

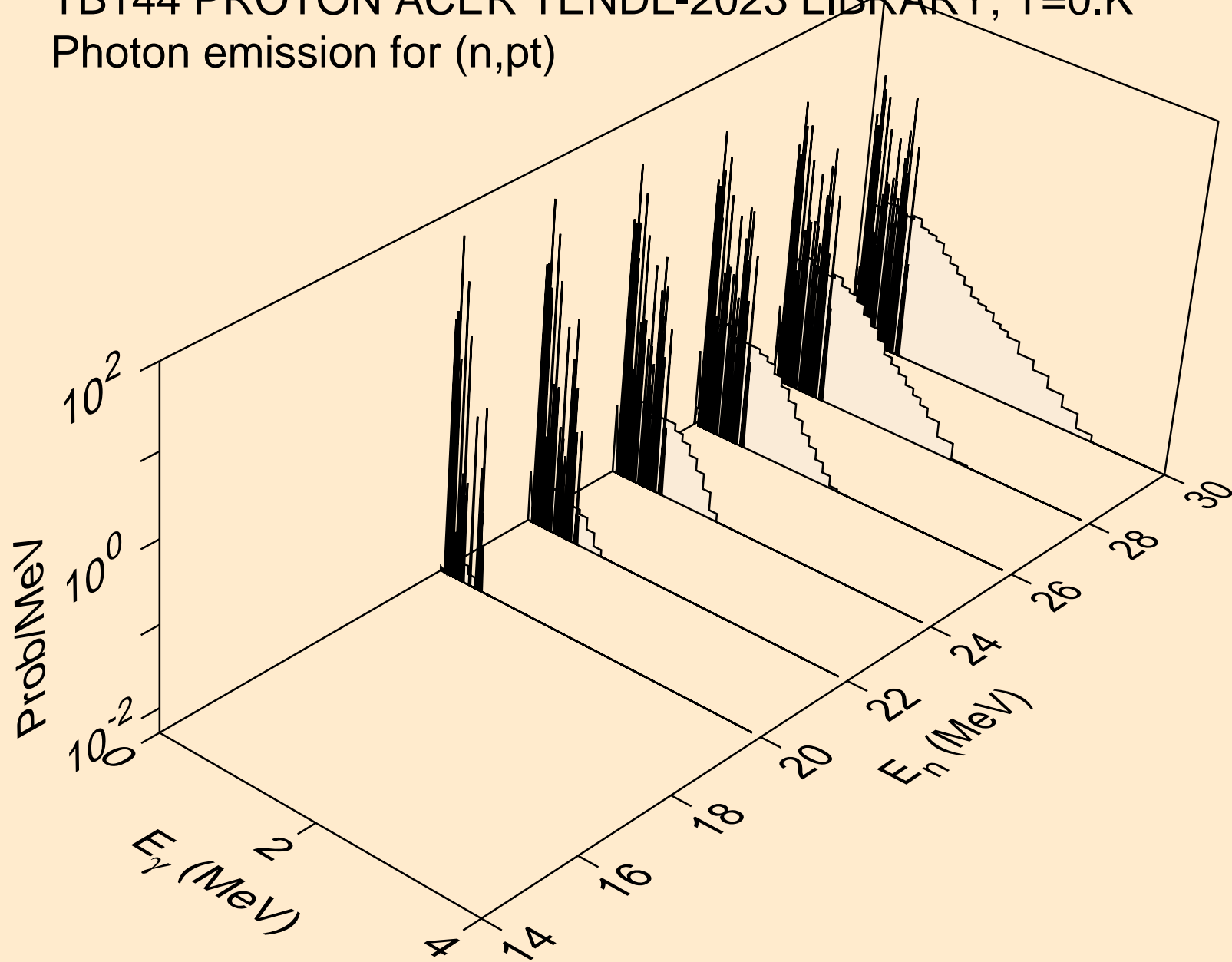


TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)

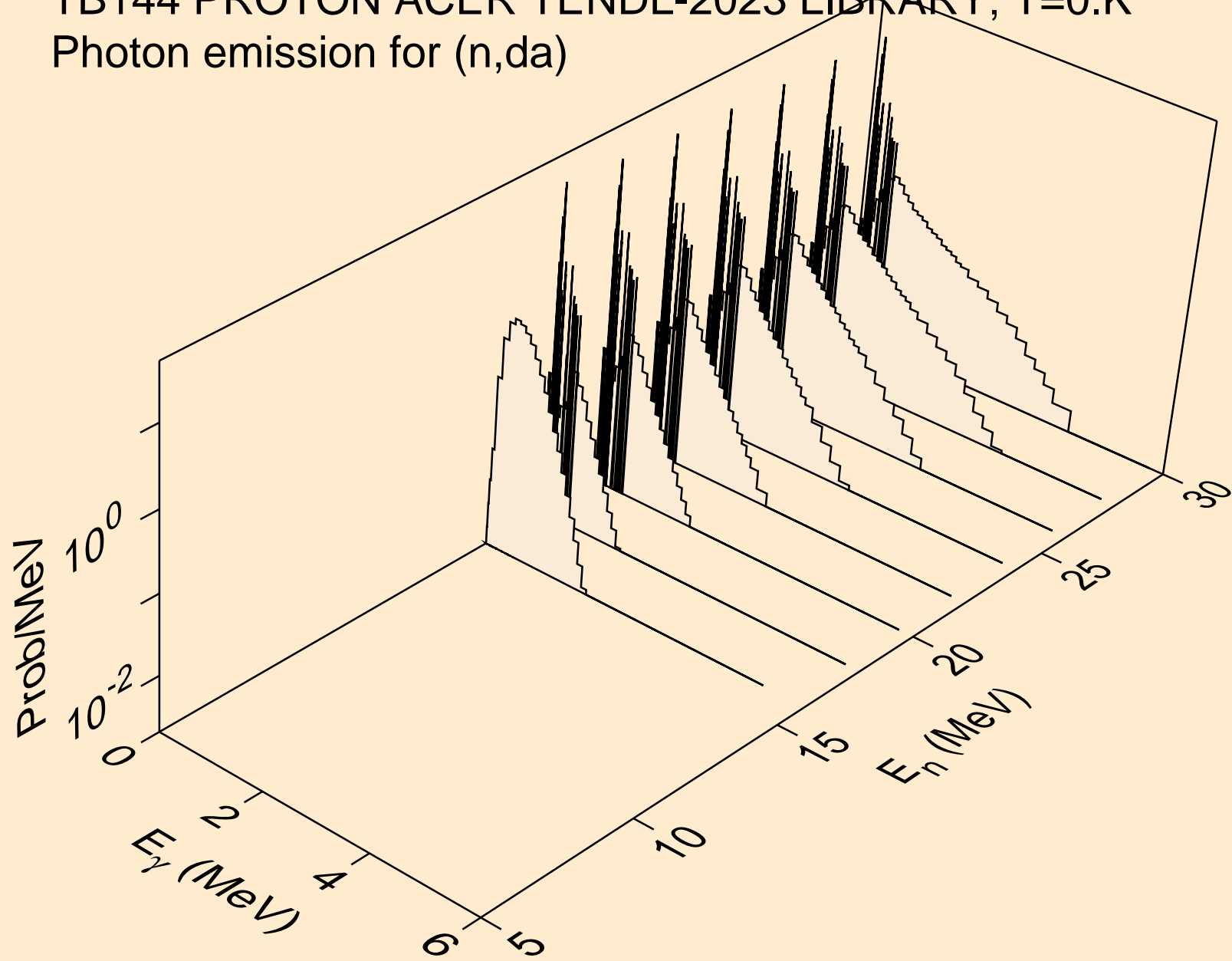


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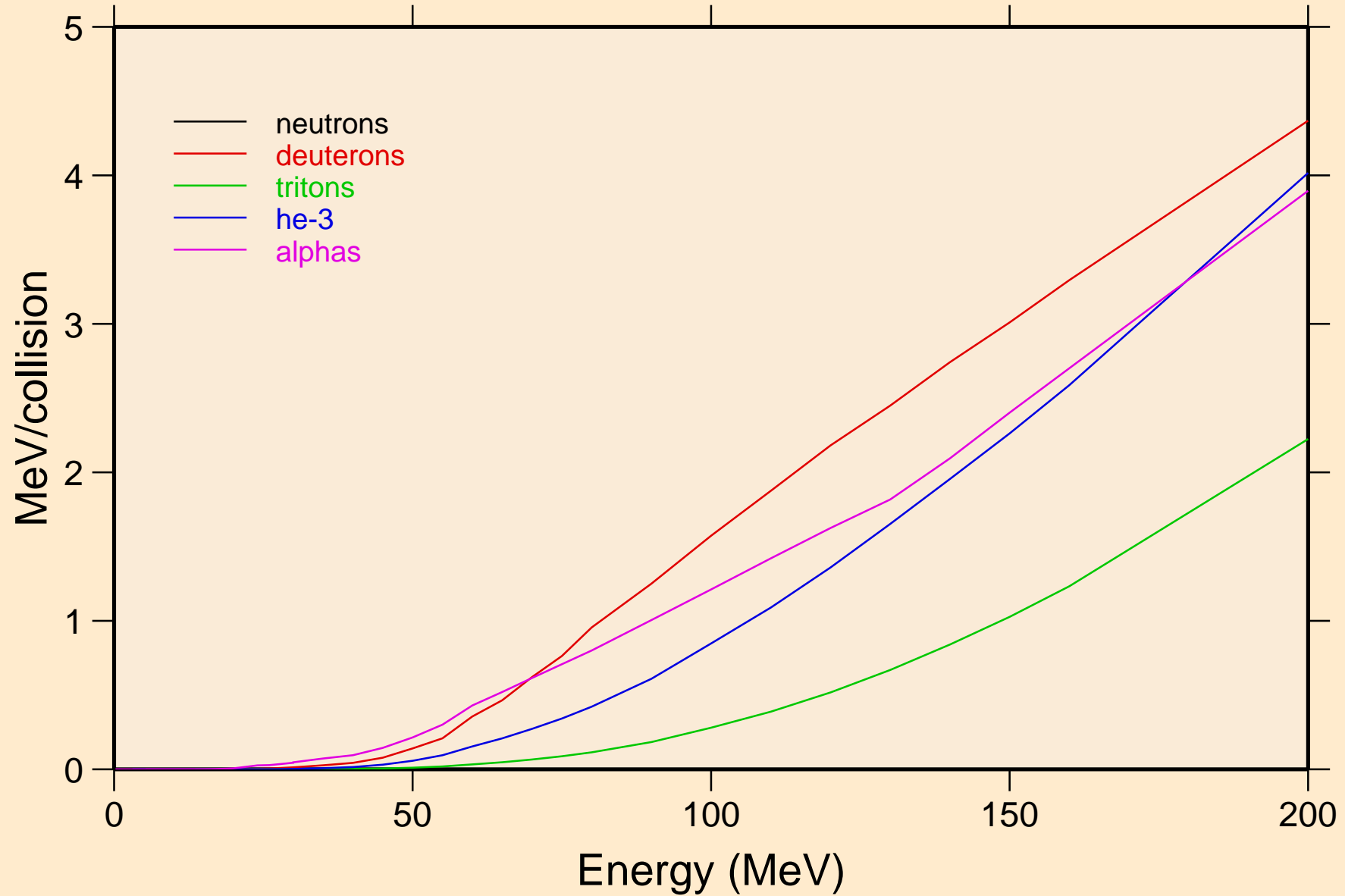
Photon emission for (n,pt)



TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)

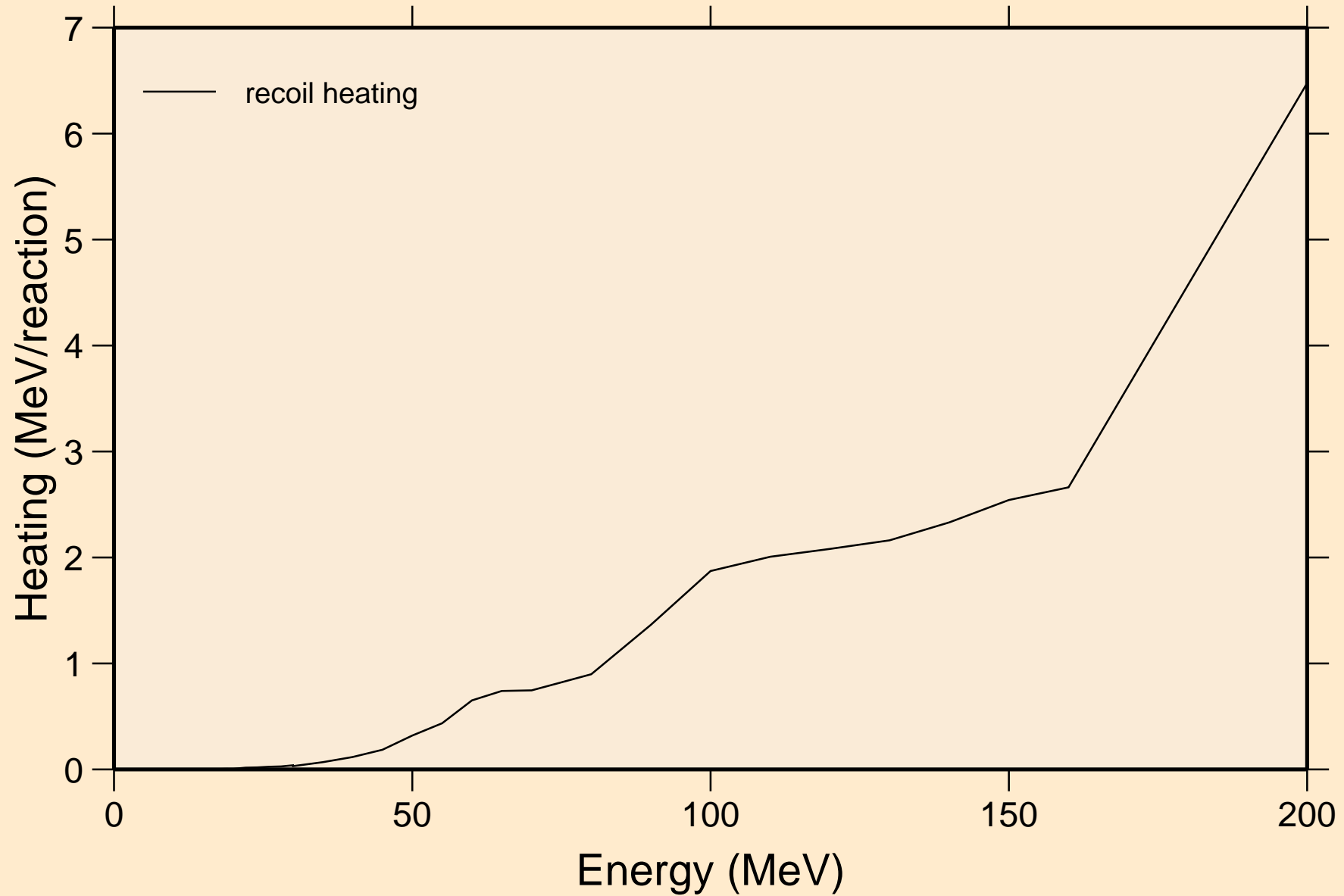


TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions

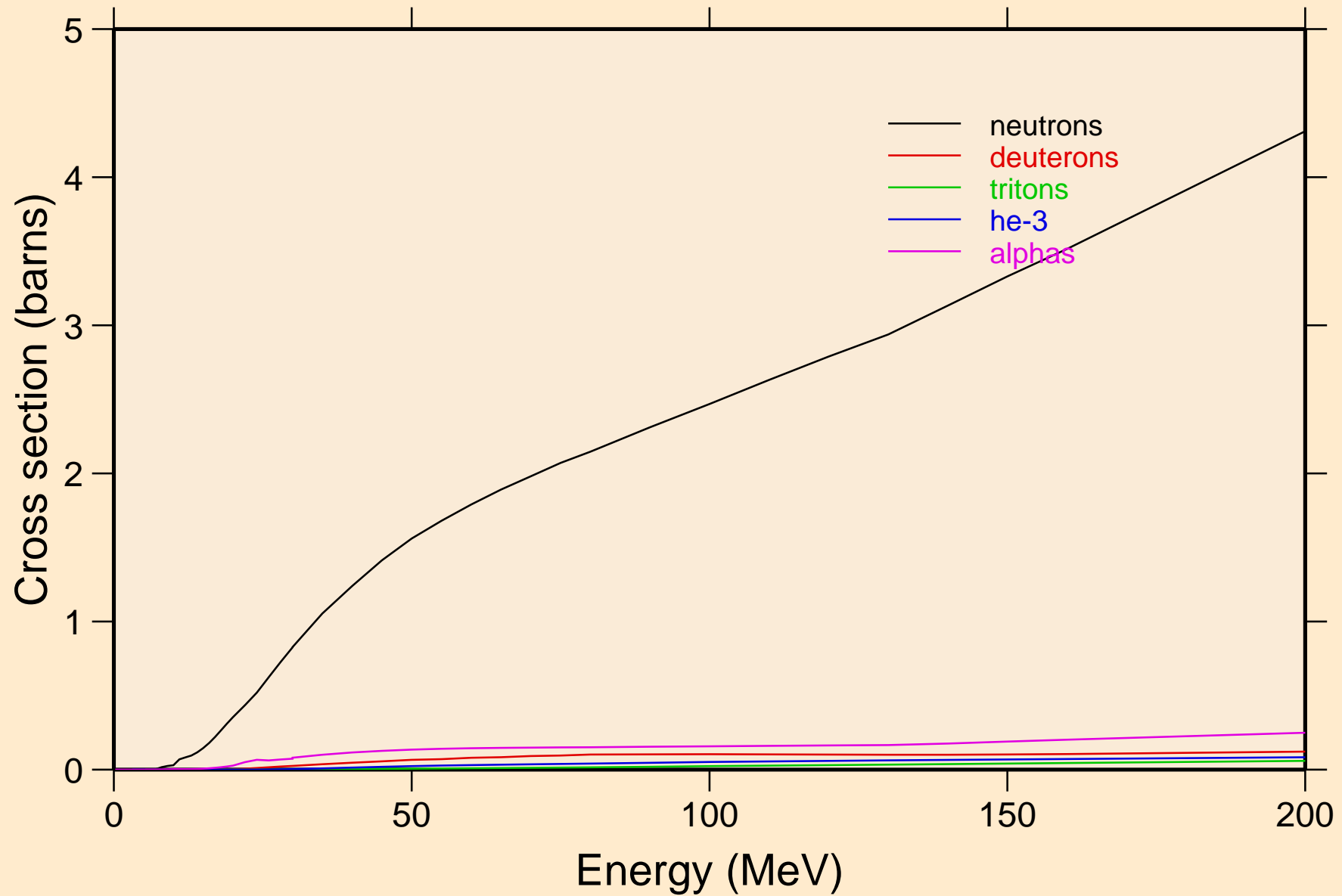


TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K

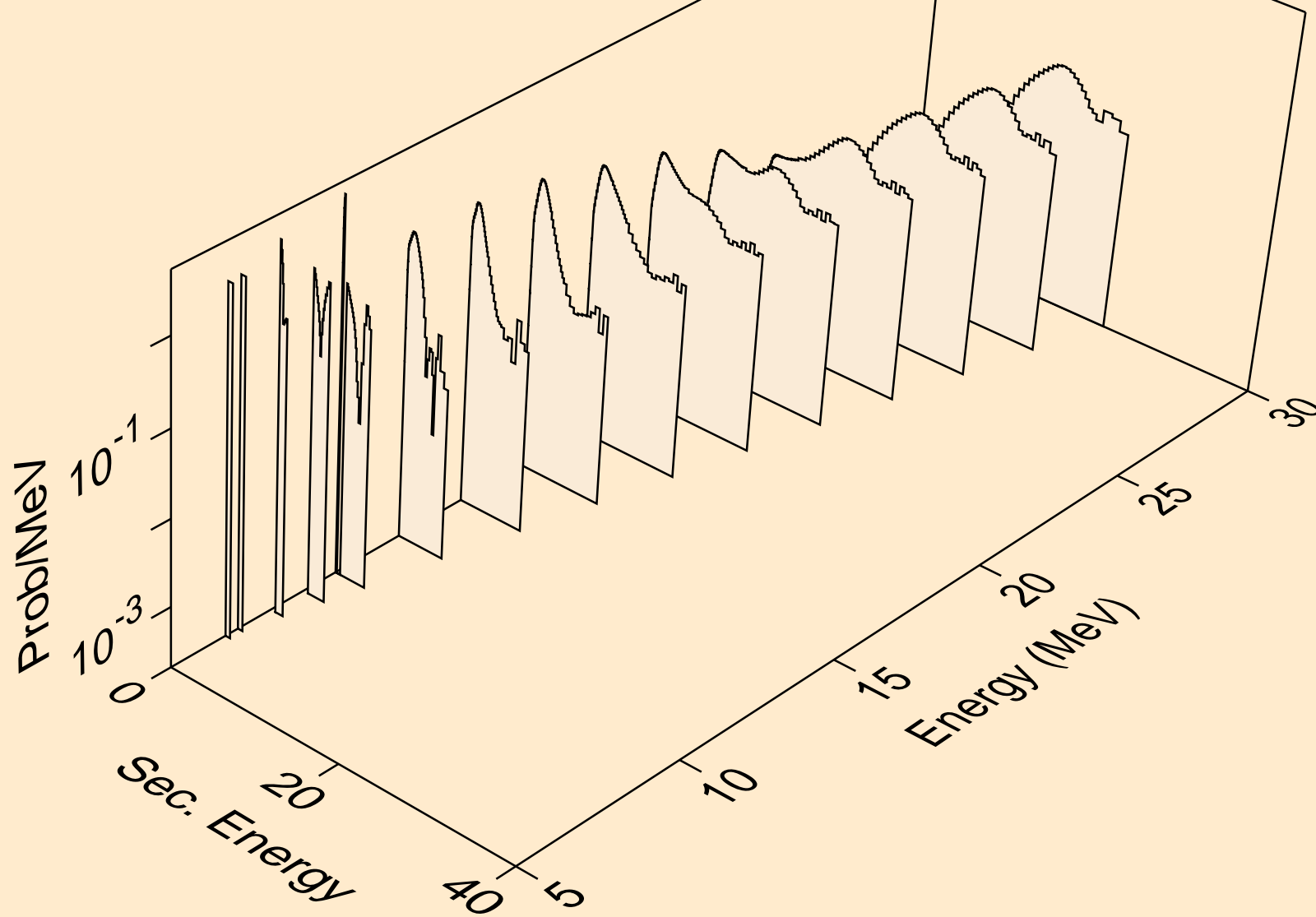
Recoil Heating



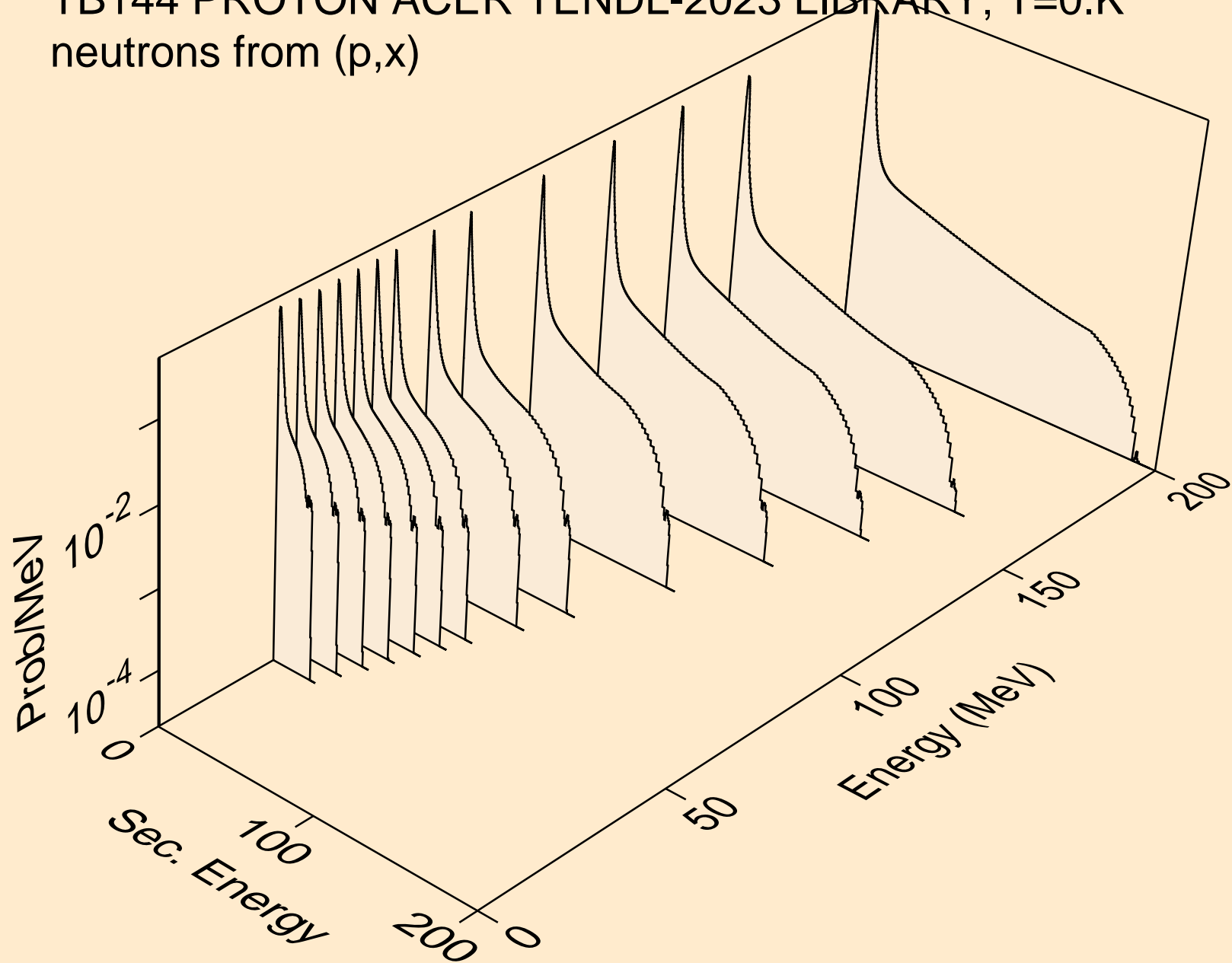
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Particle production cross sections



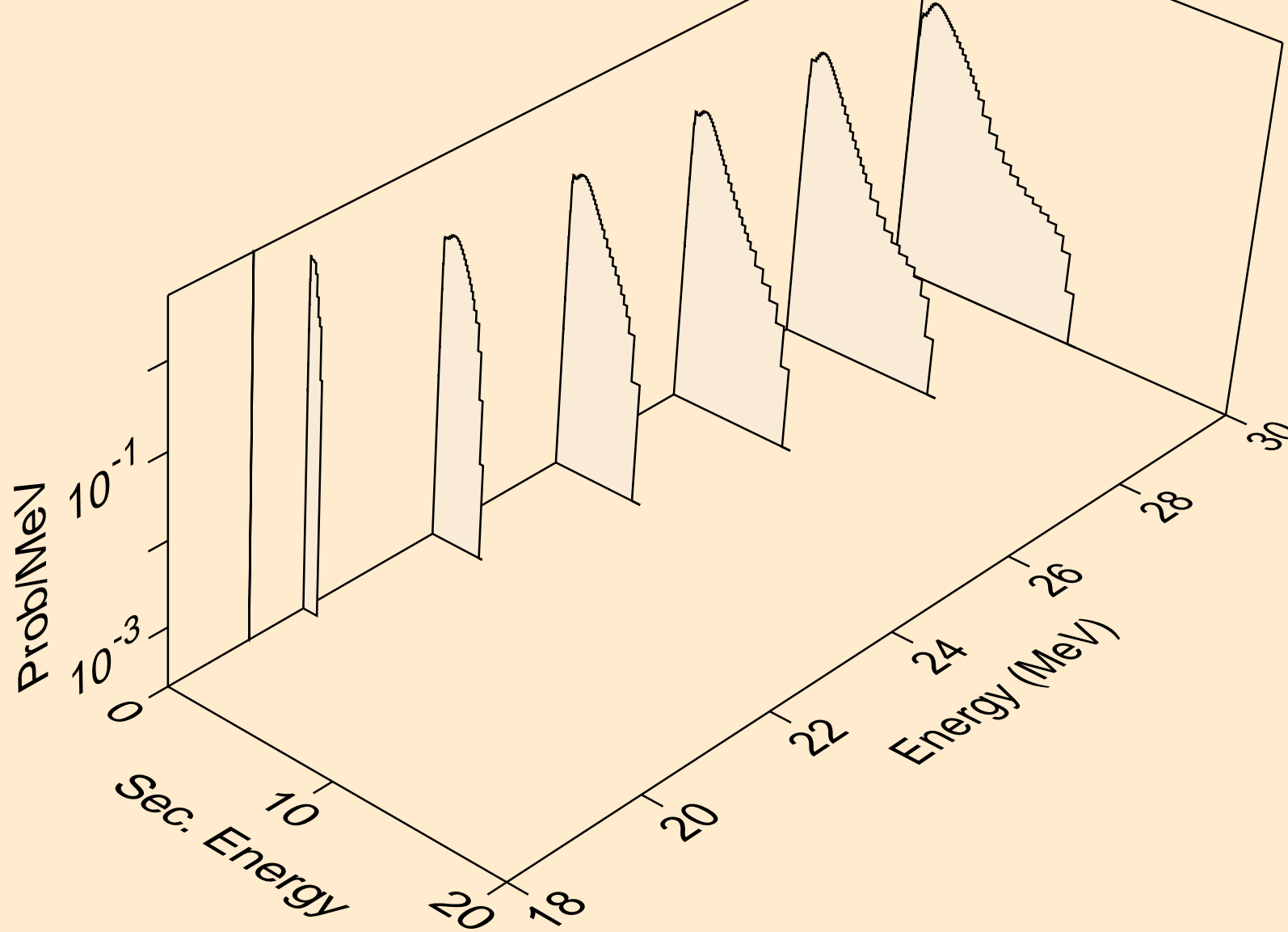
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n)



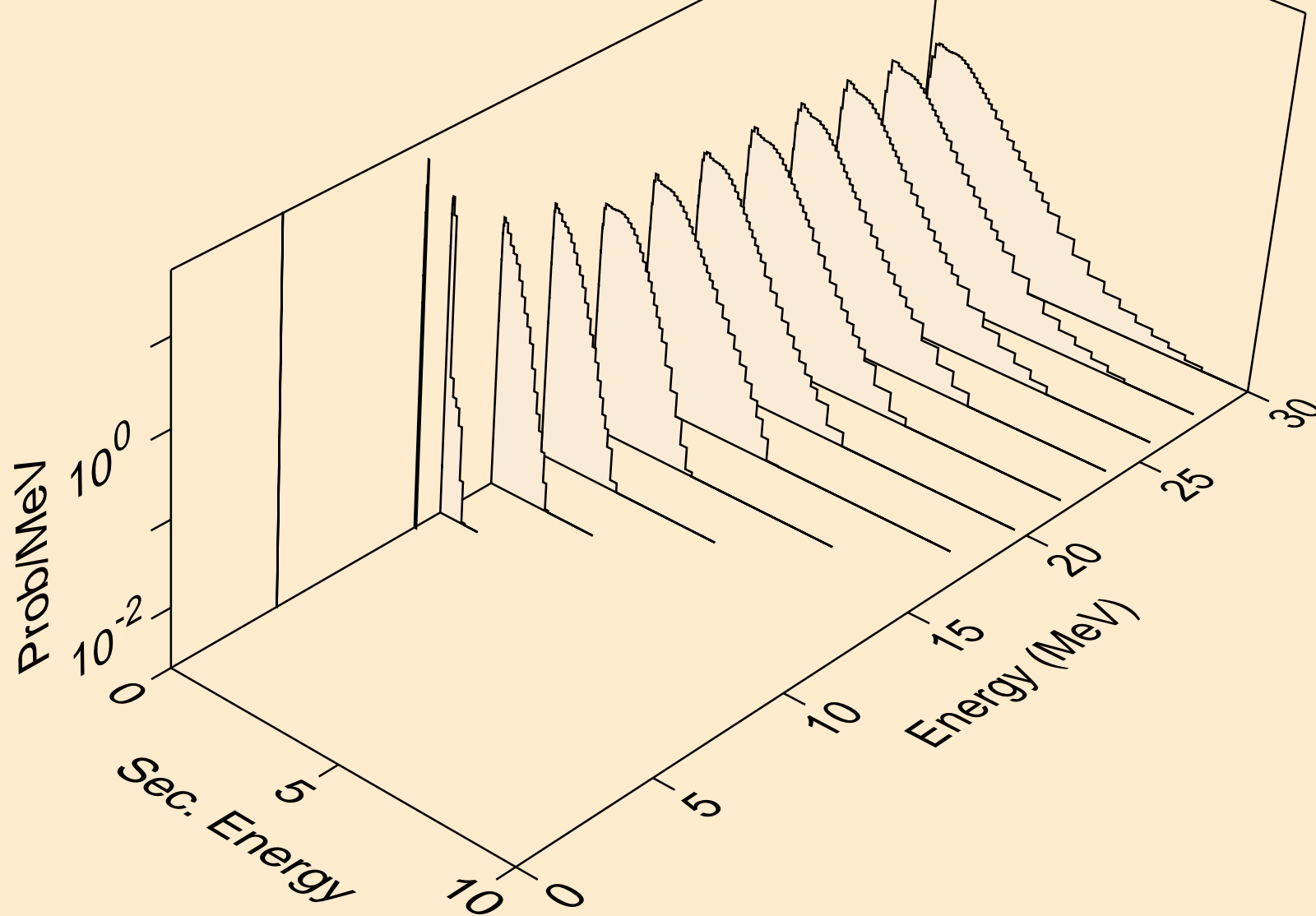
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,x)



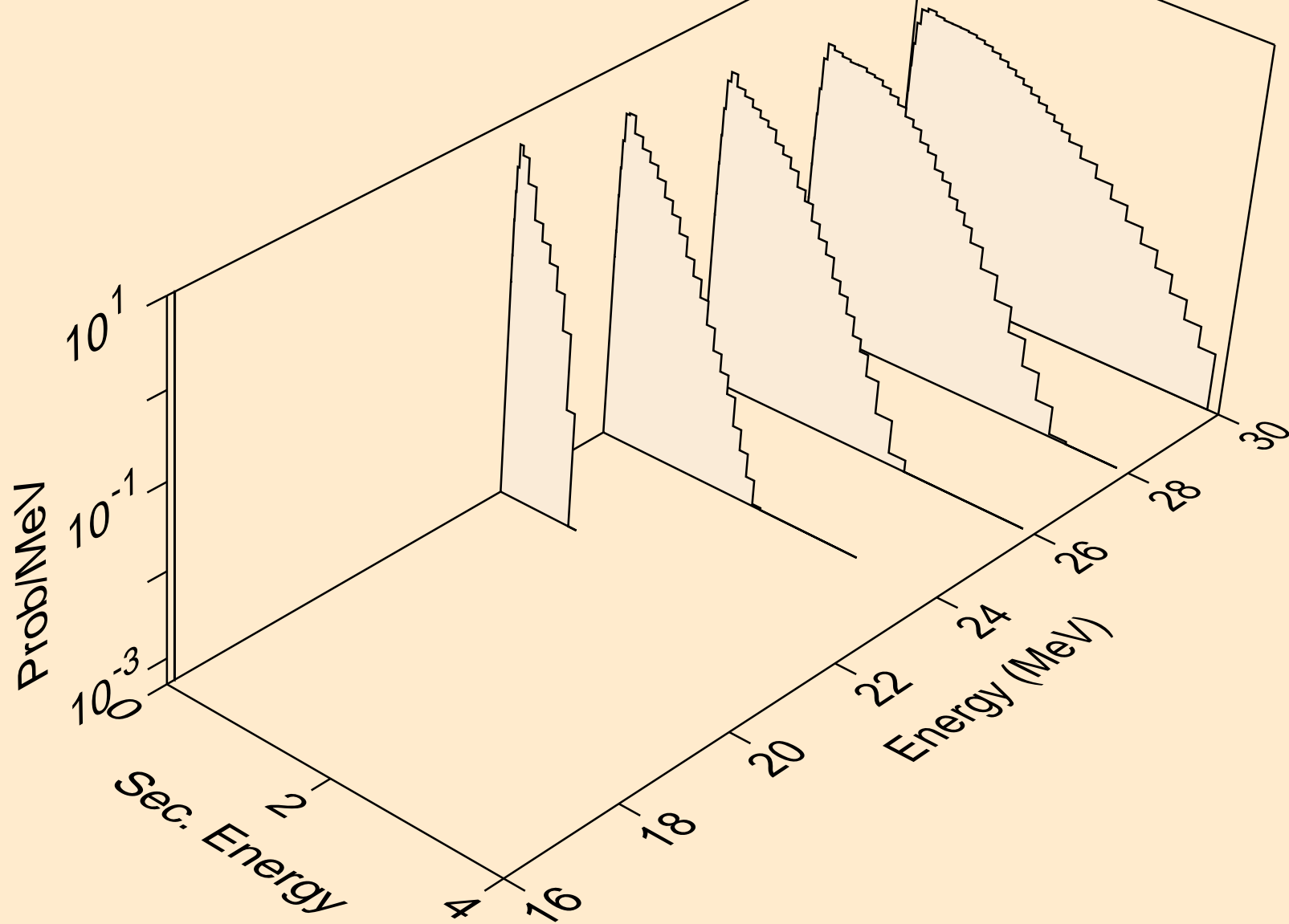
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)



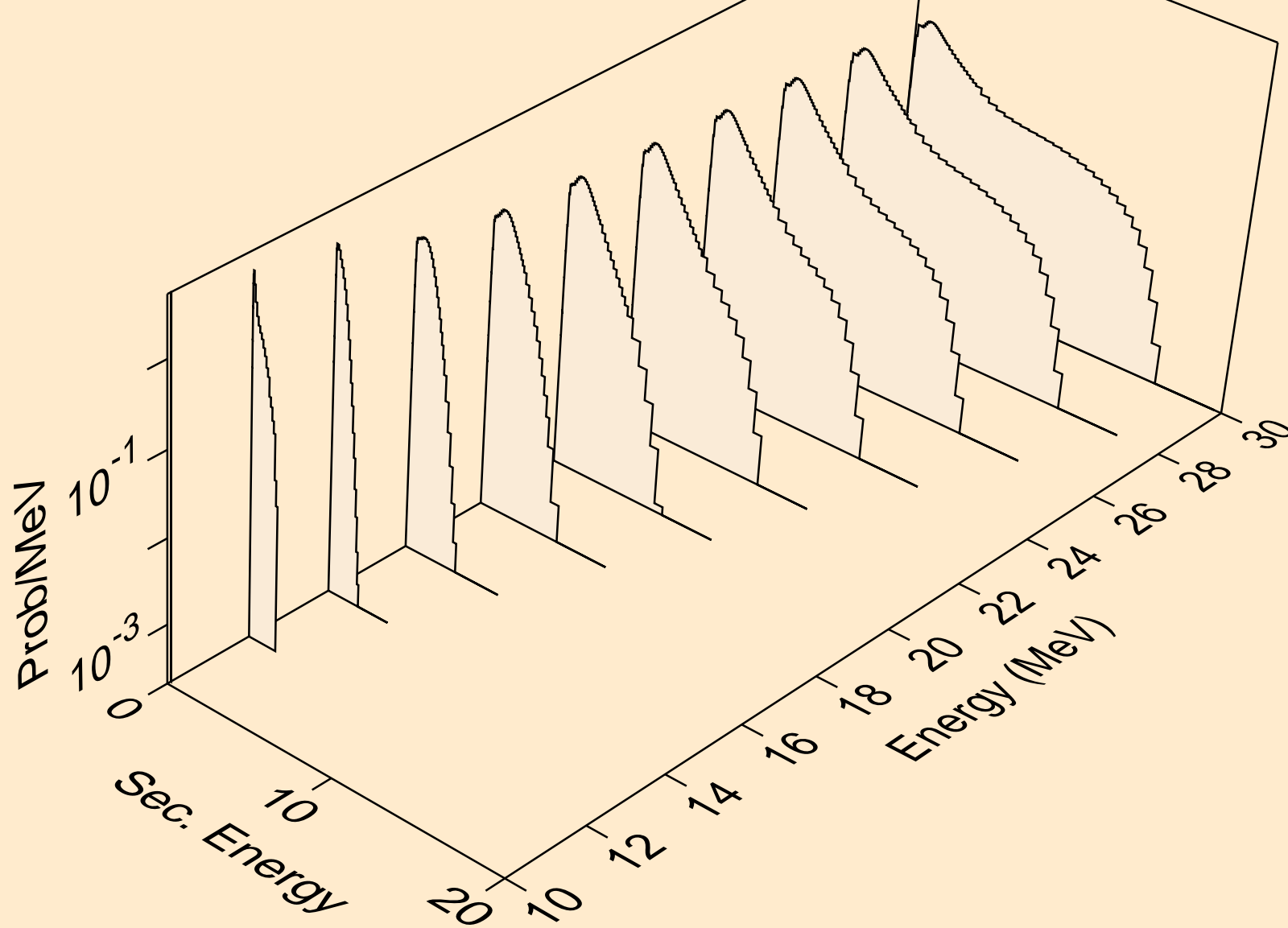
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)a



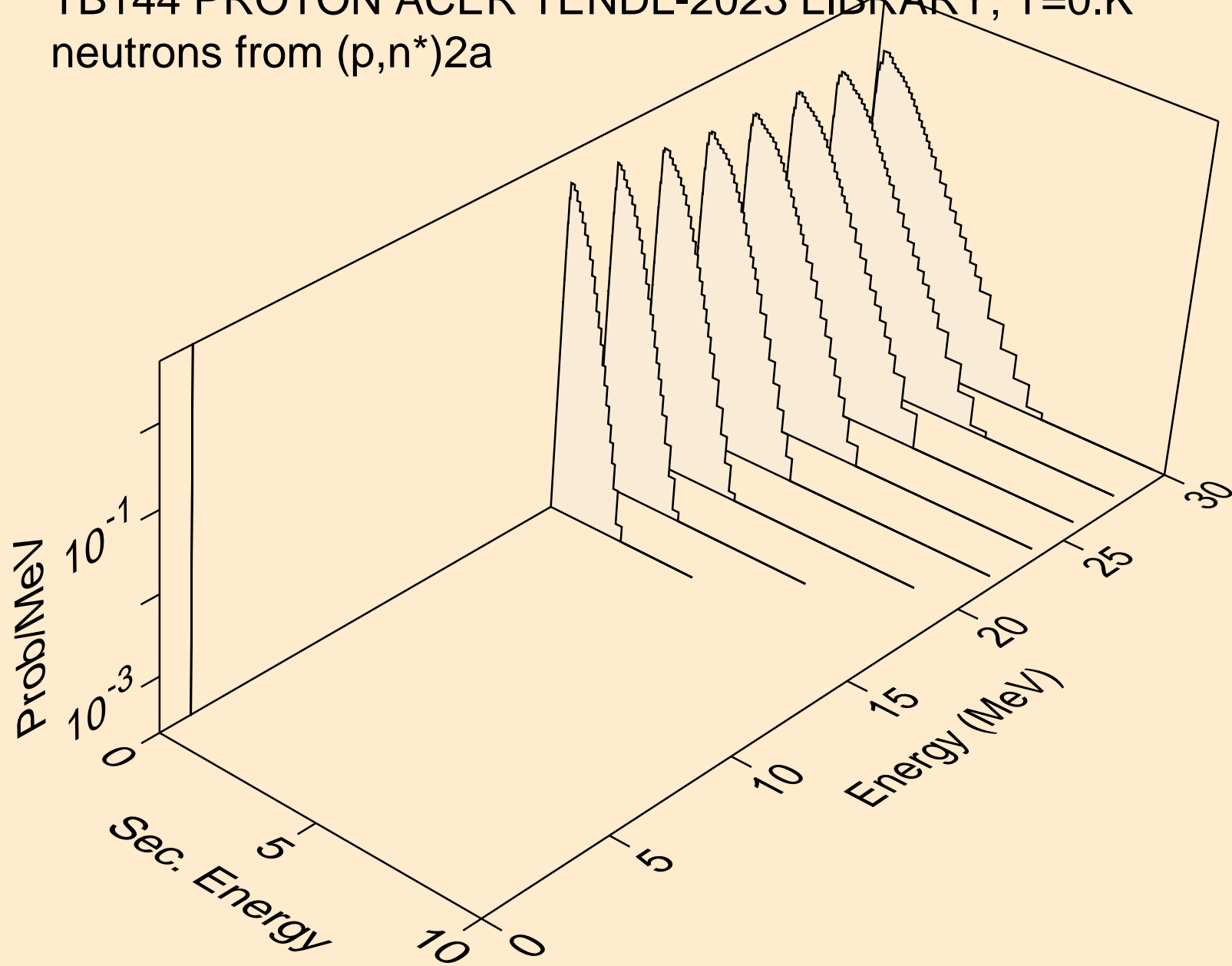
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)a



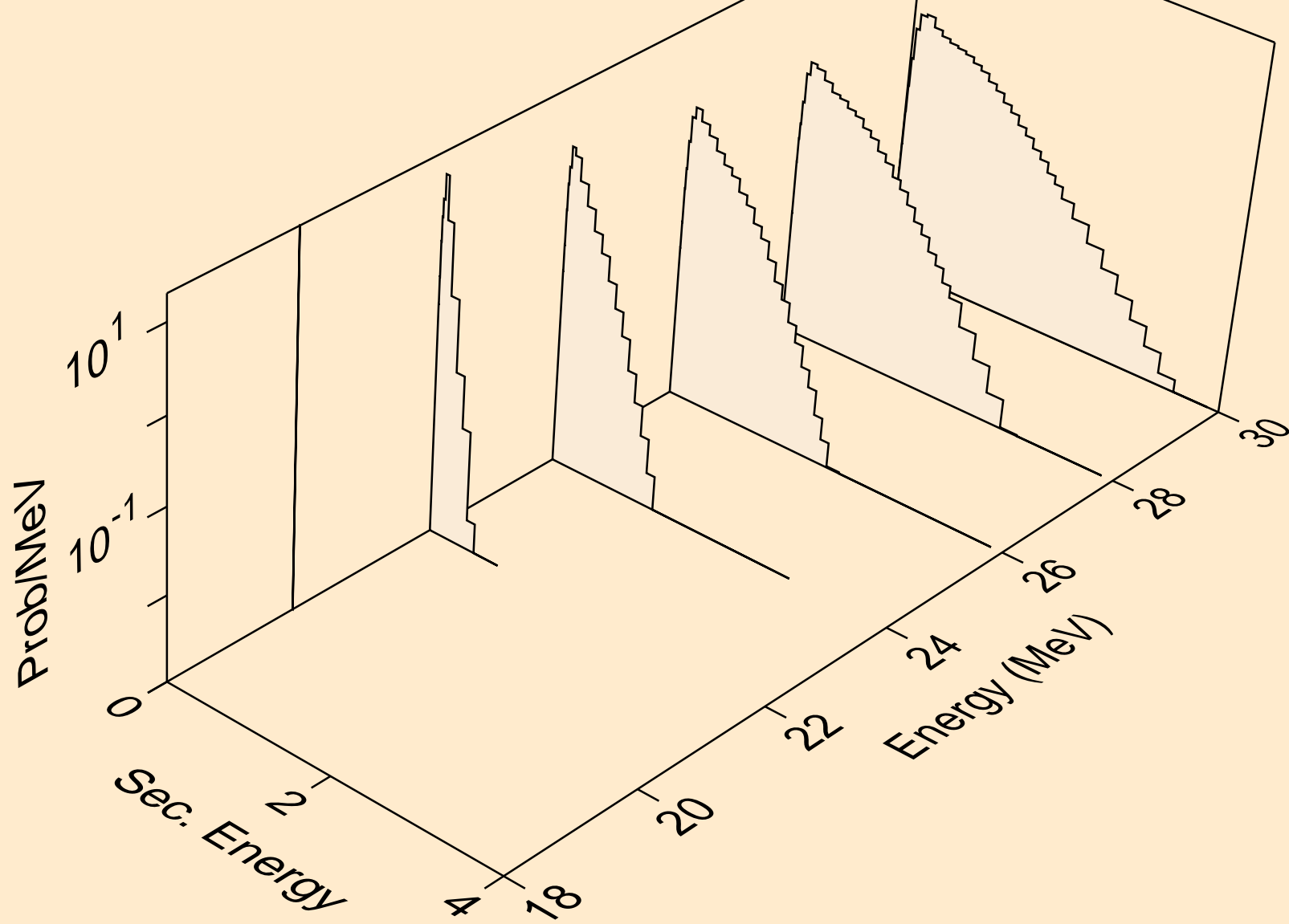
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)p



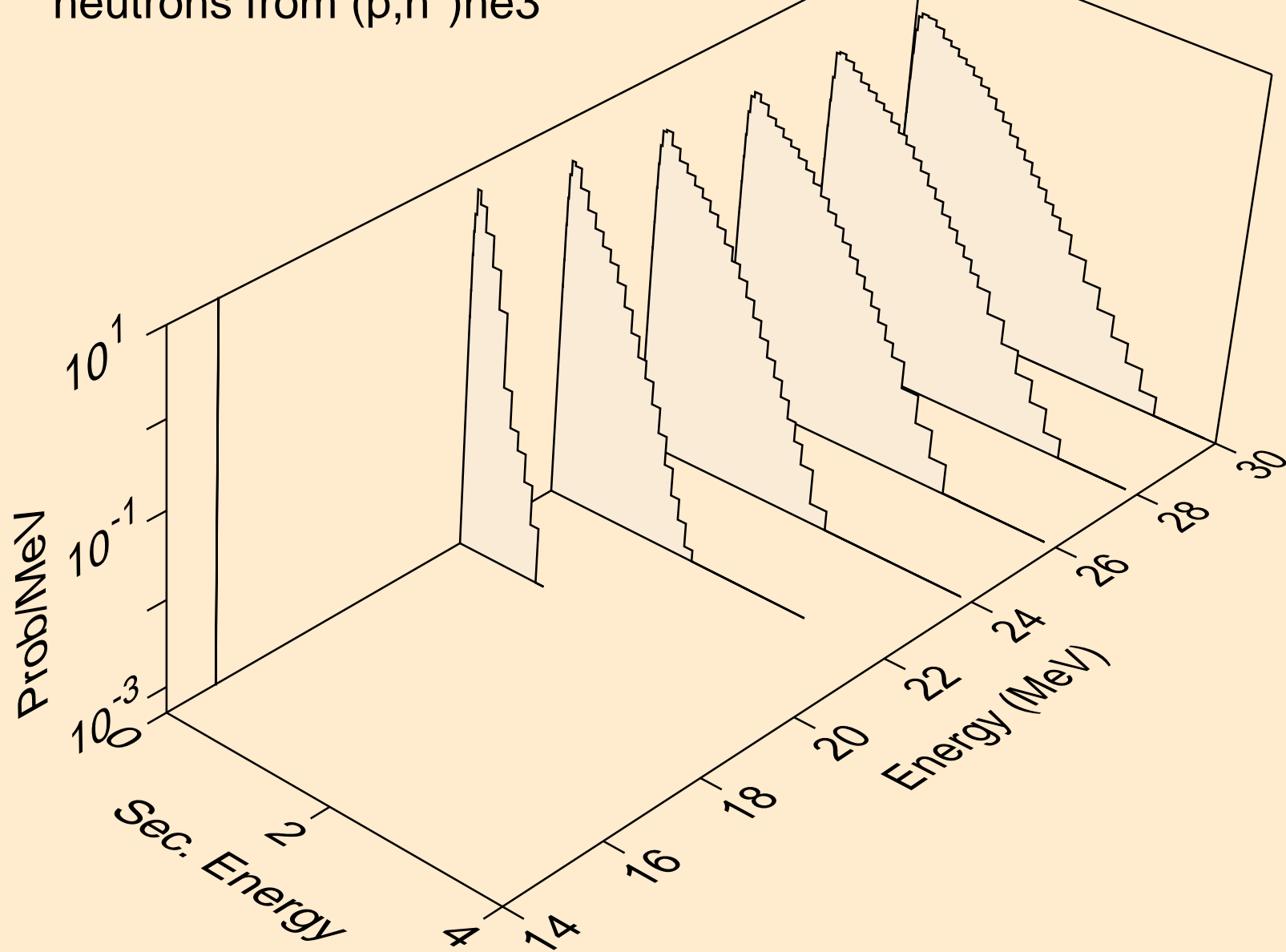
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neutrons from (p,n*)2a



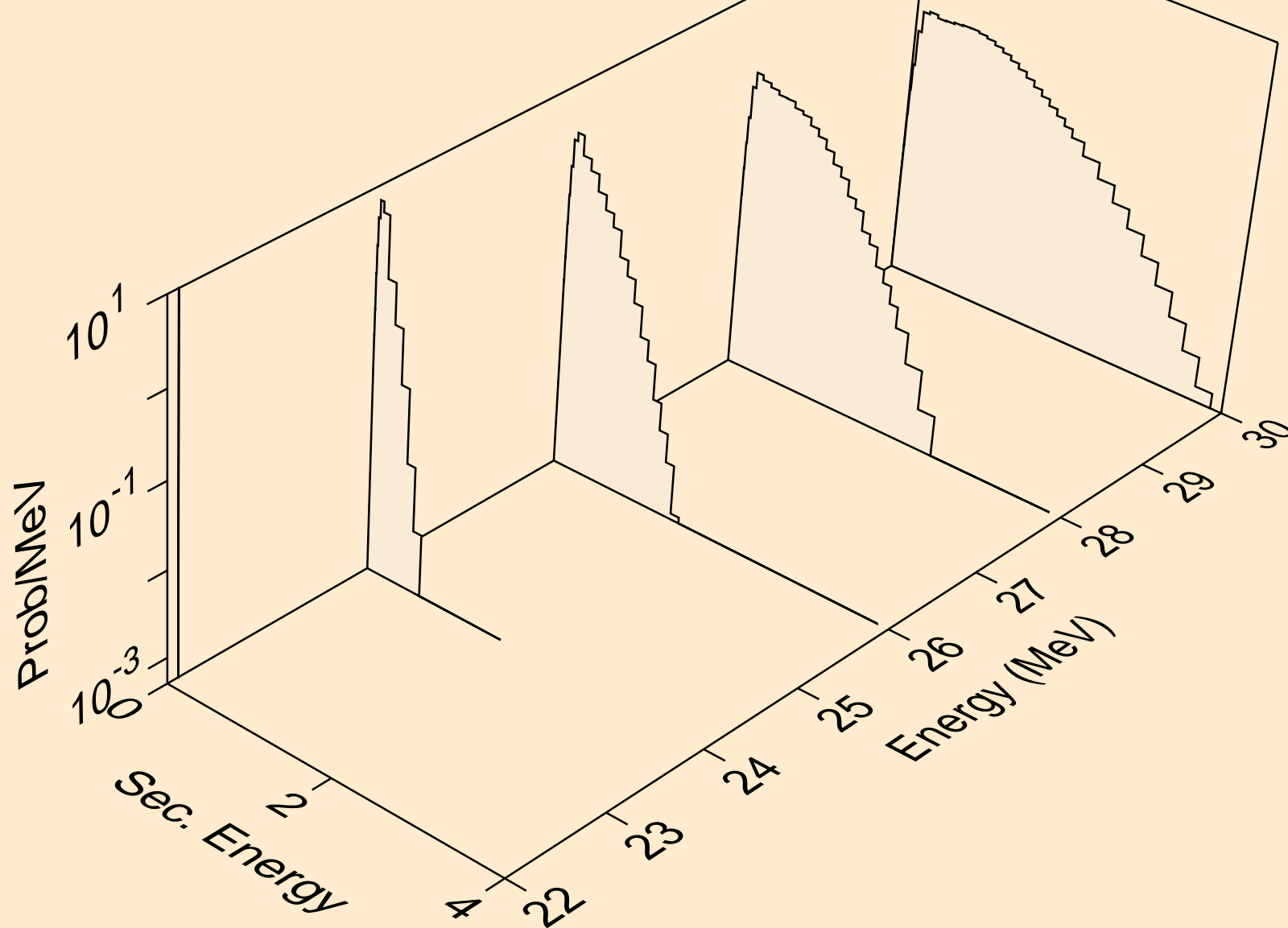
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)d



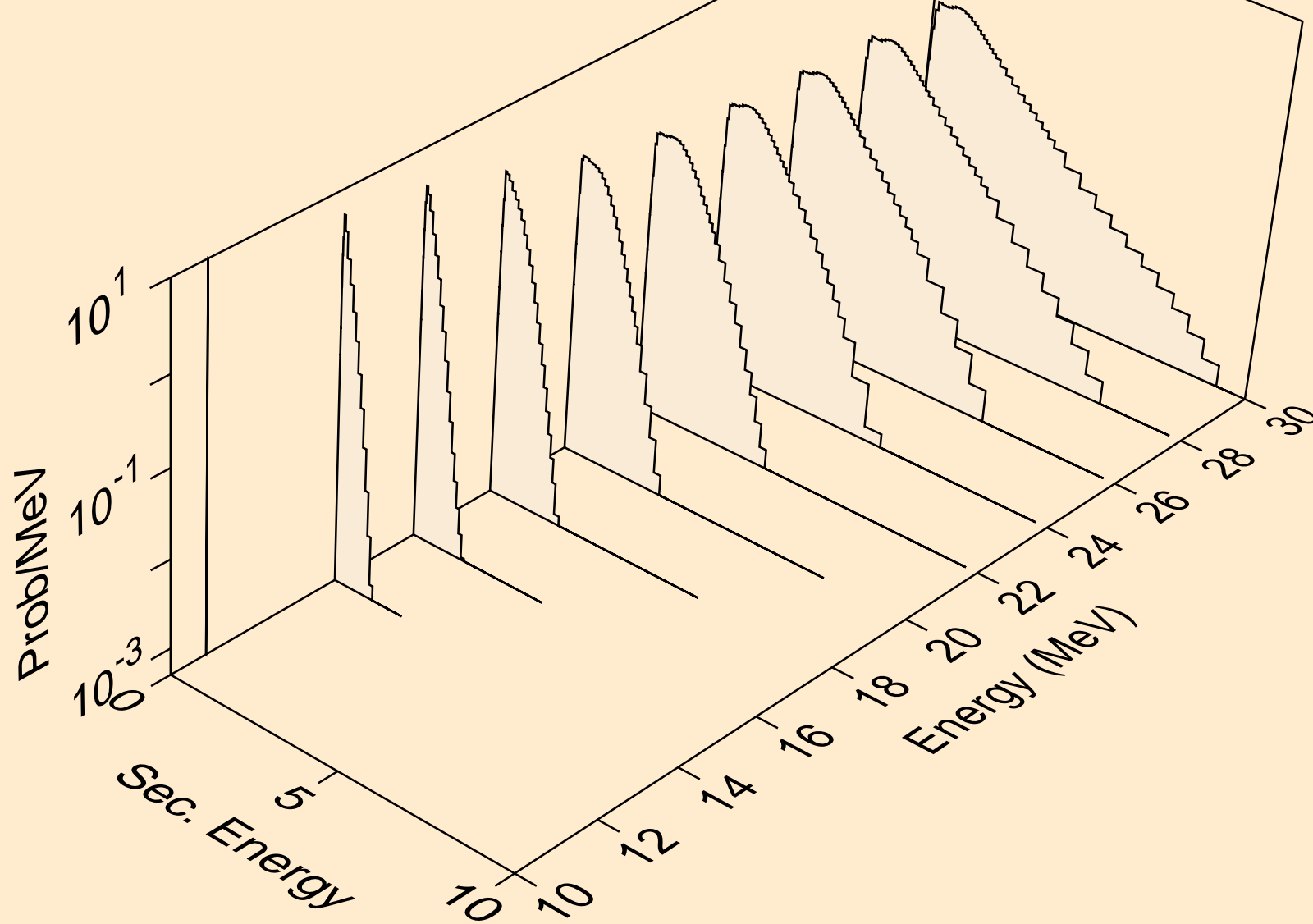
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)he3



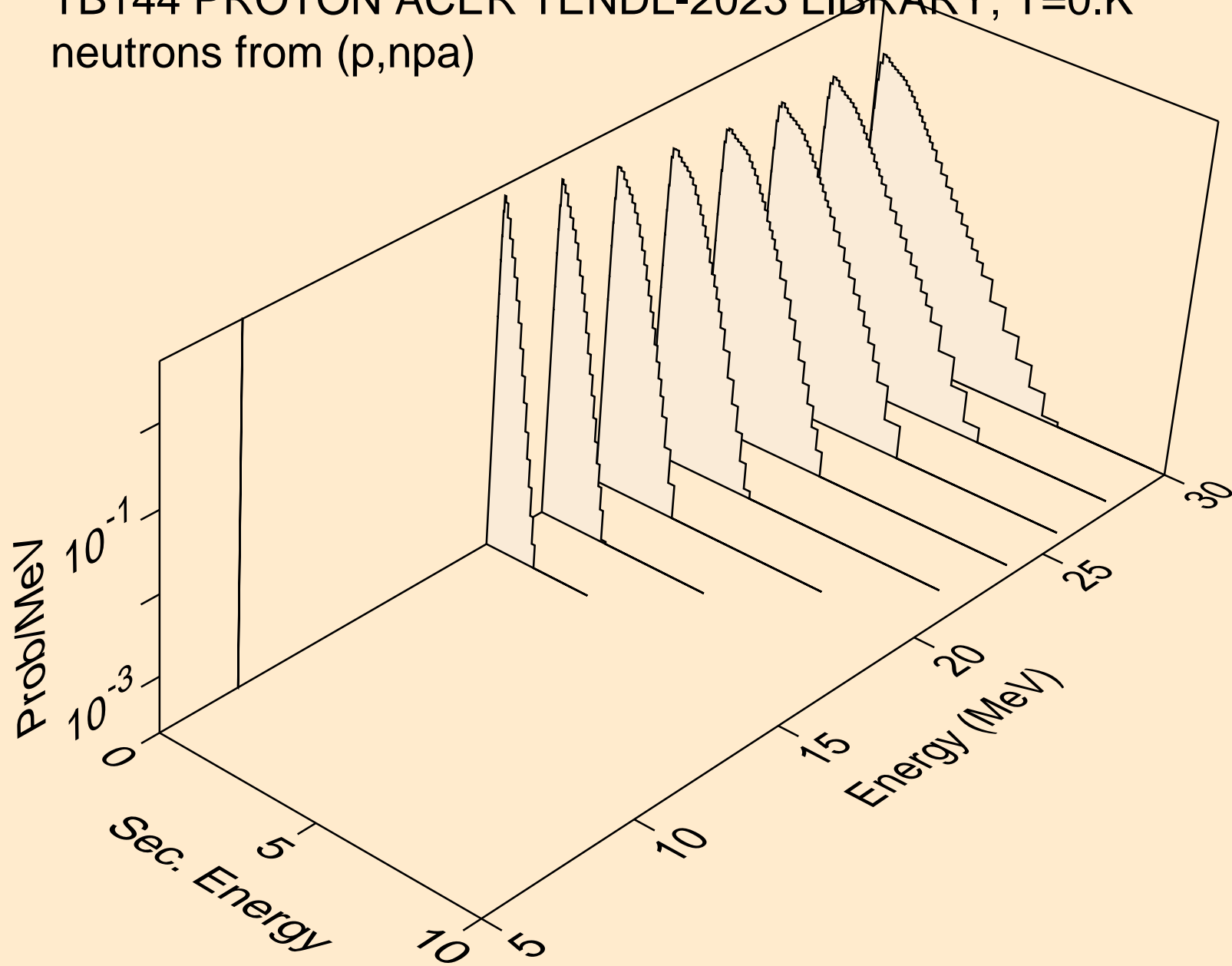
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neutrons from (p,2np)



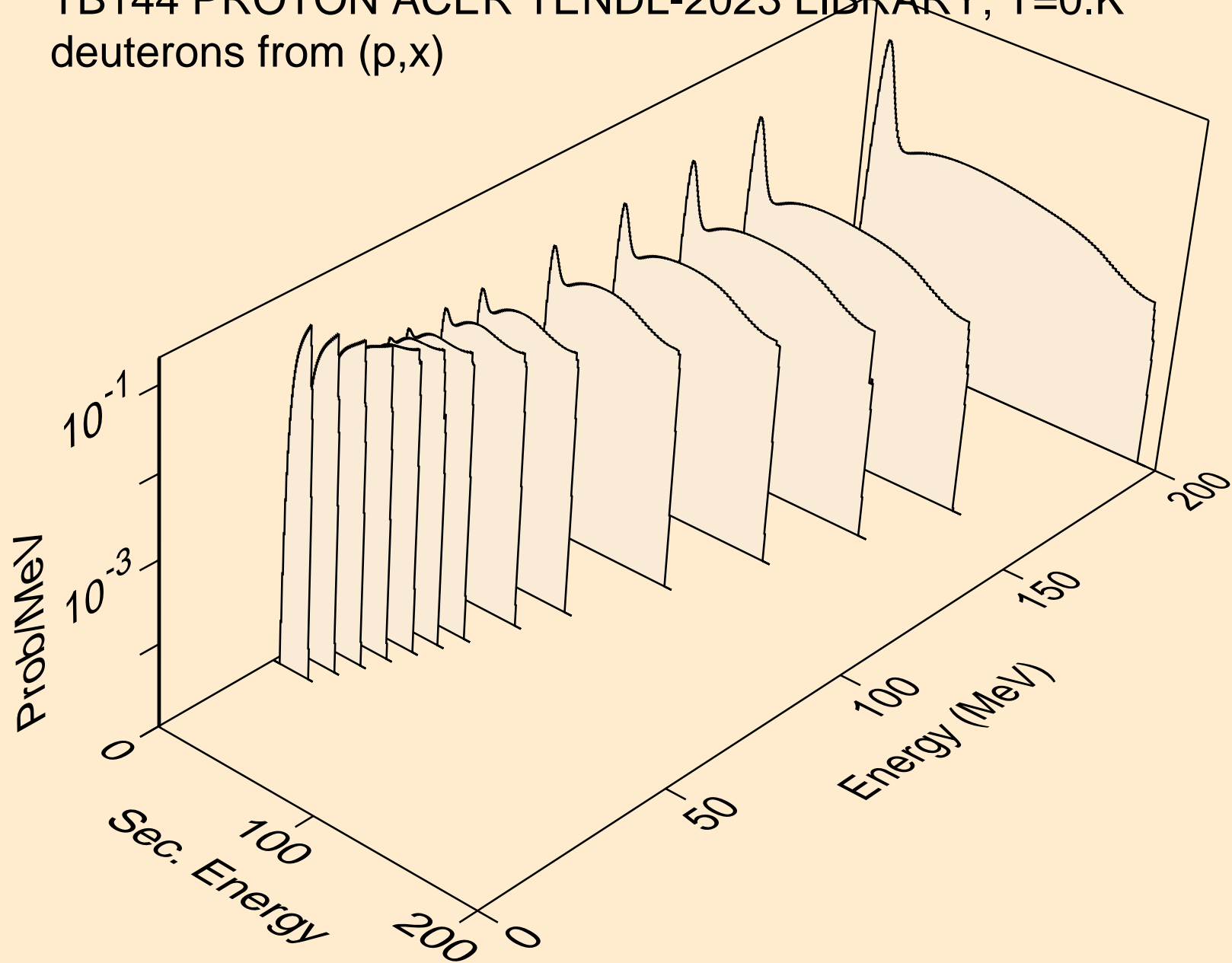
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n2p)



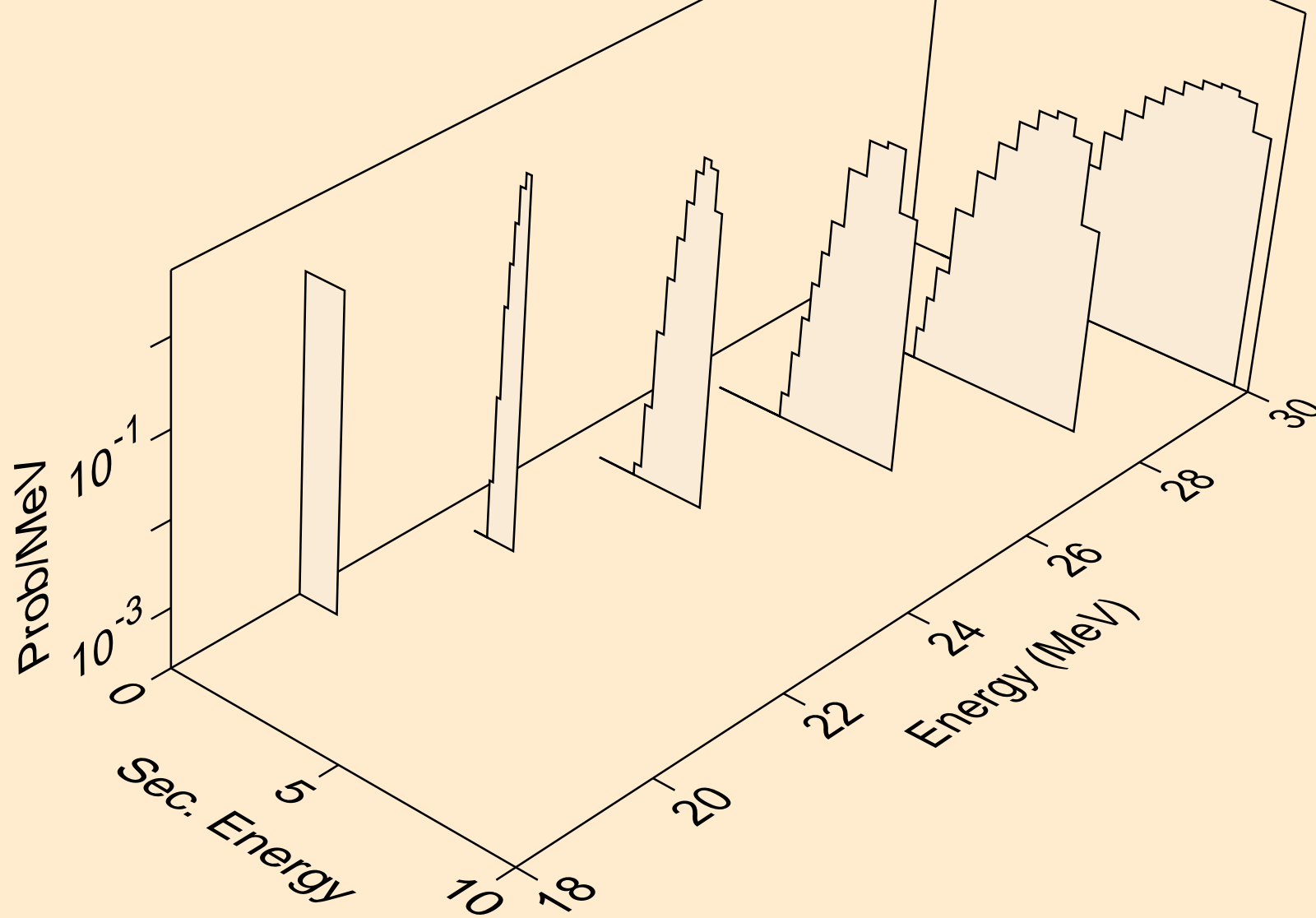
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,npa)



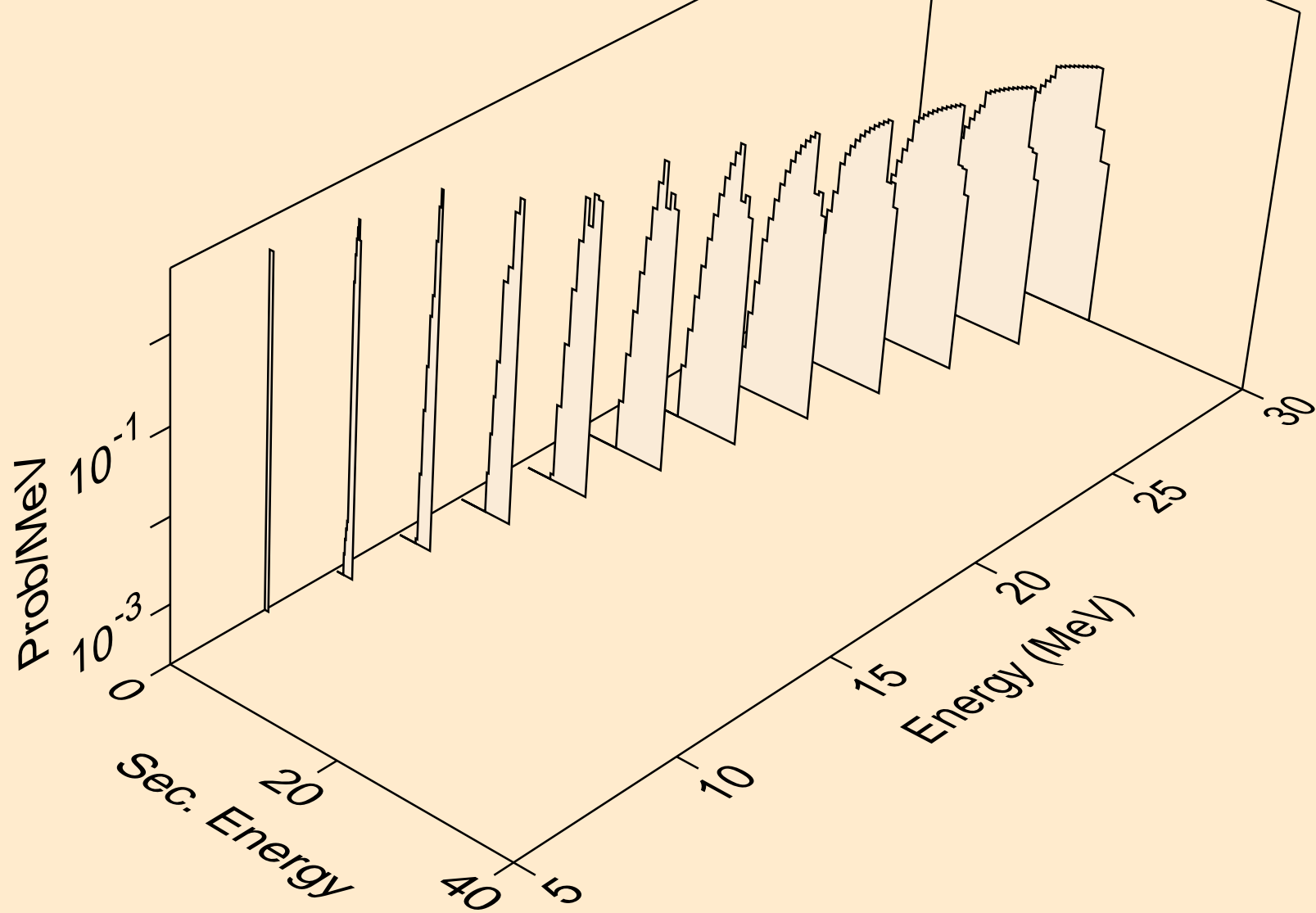
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,x)



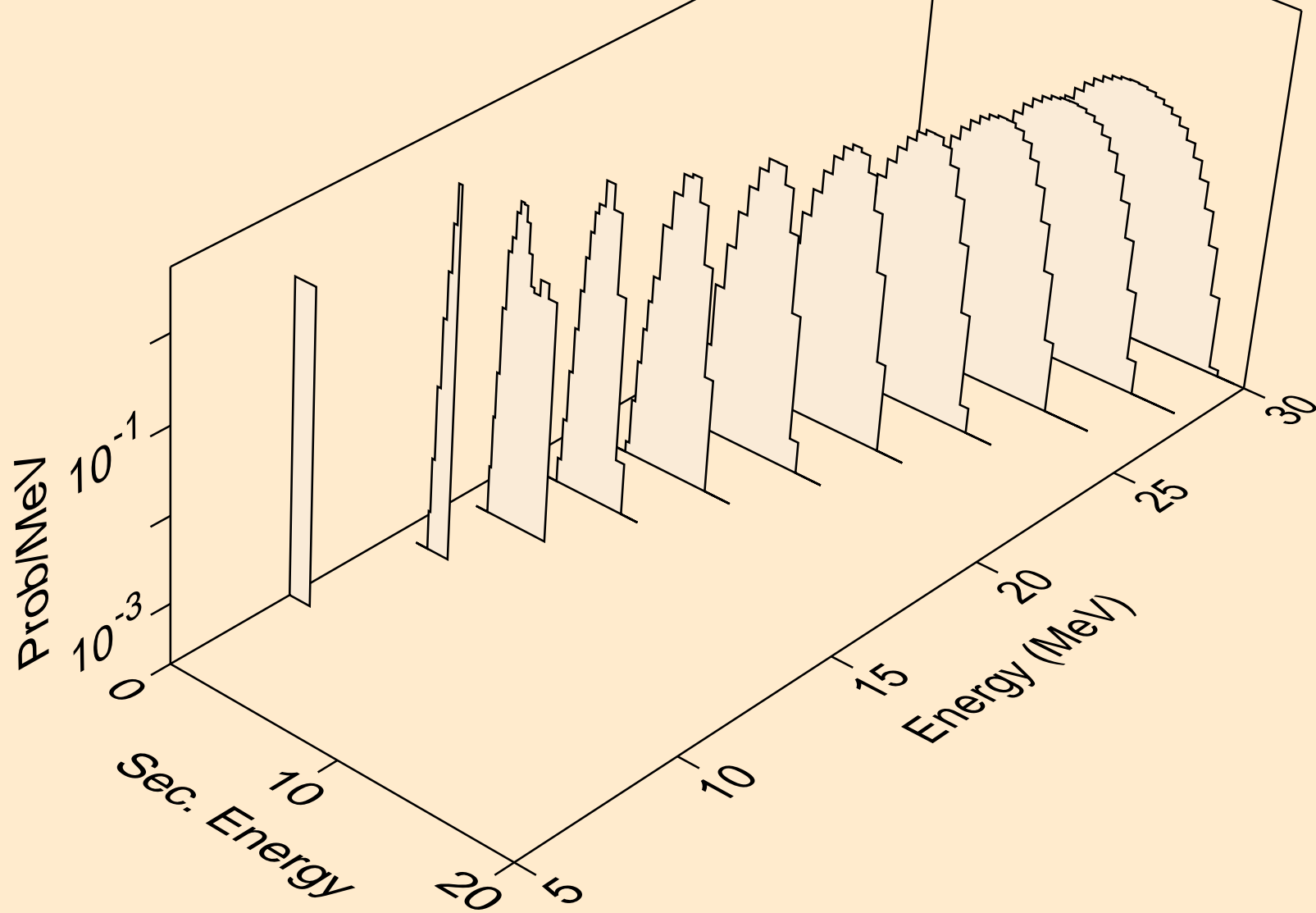
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deuterons from (p,n*)d



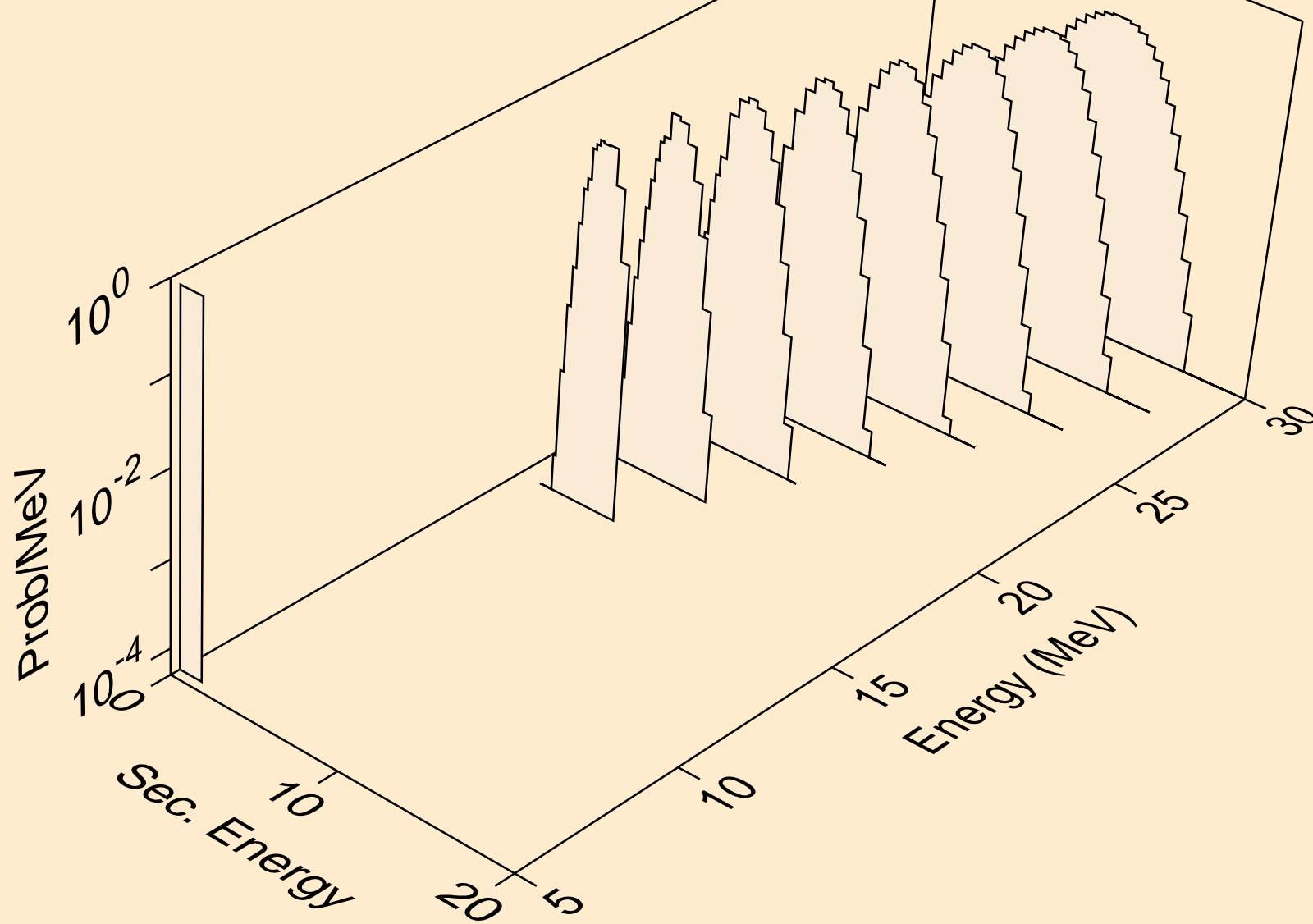
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deuterons from (p,d)



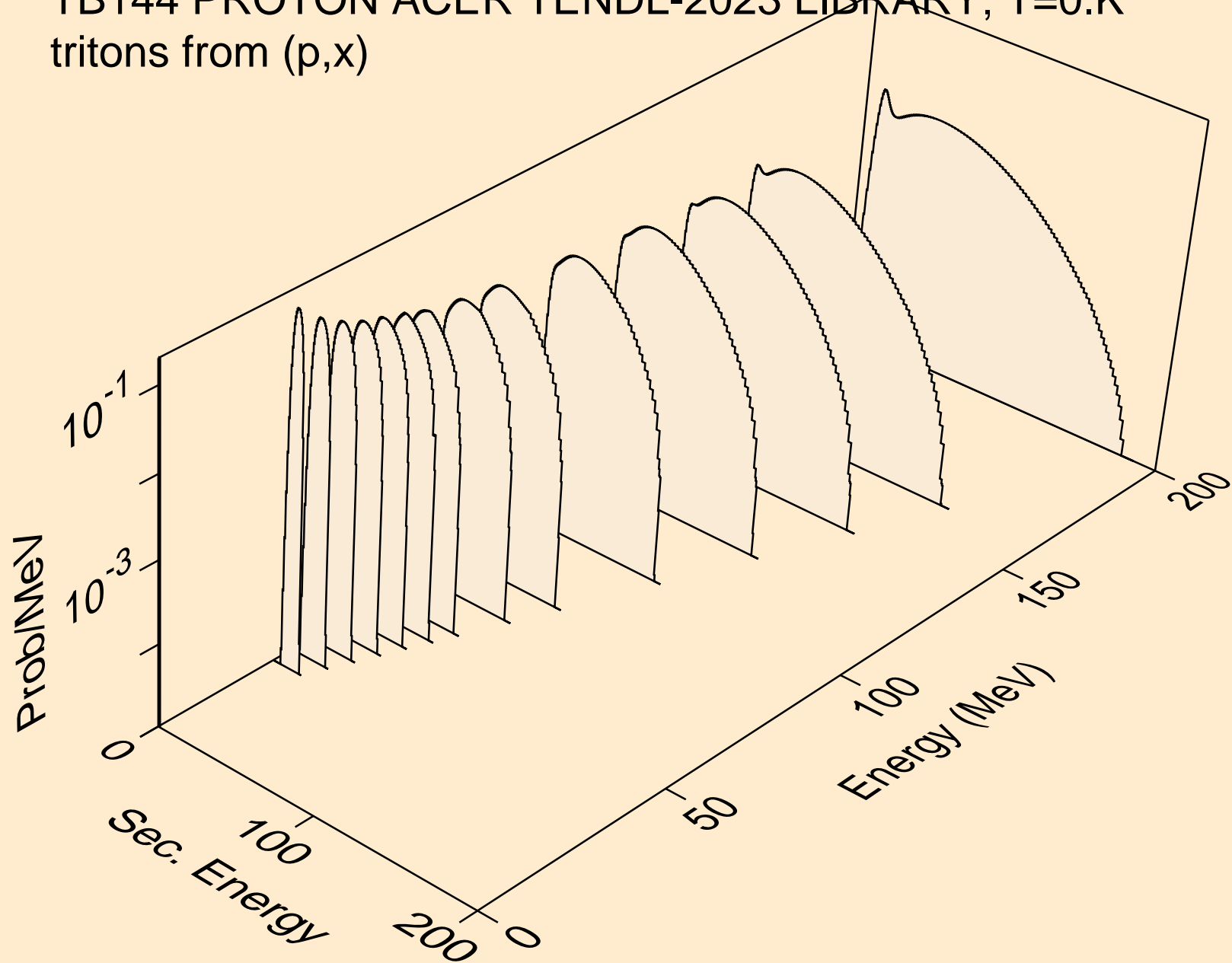
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,pd)



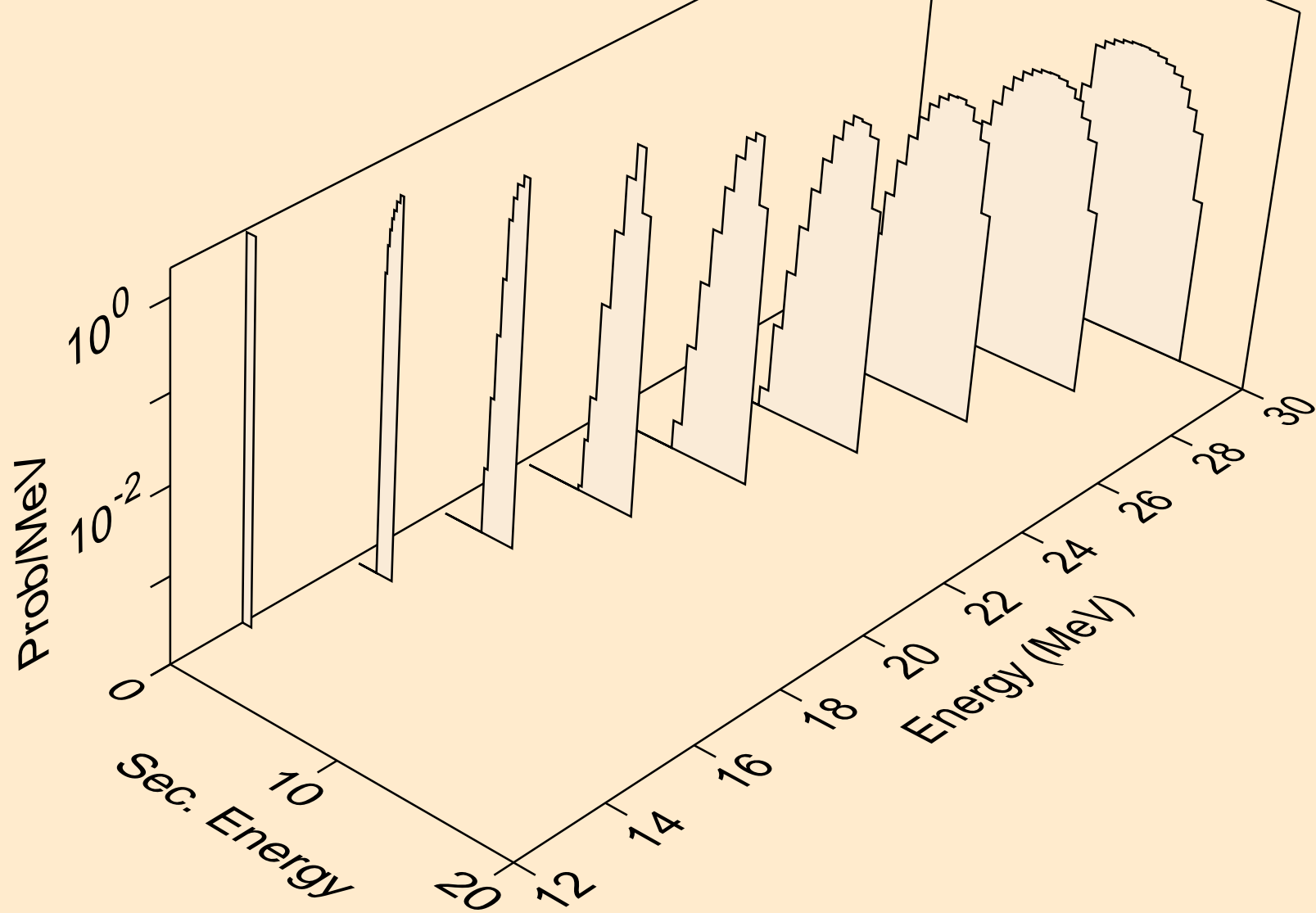
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deuterons from (p,da)



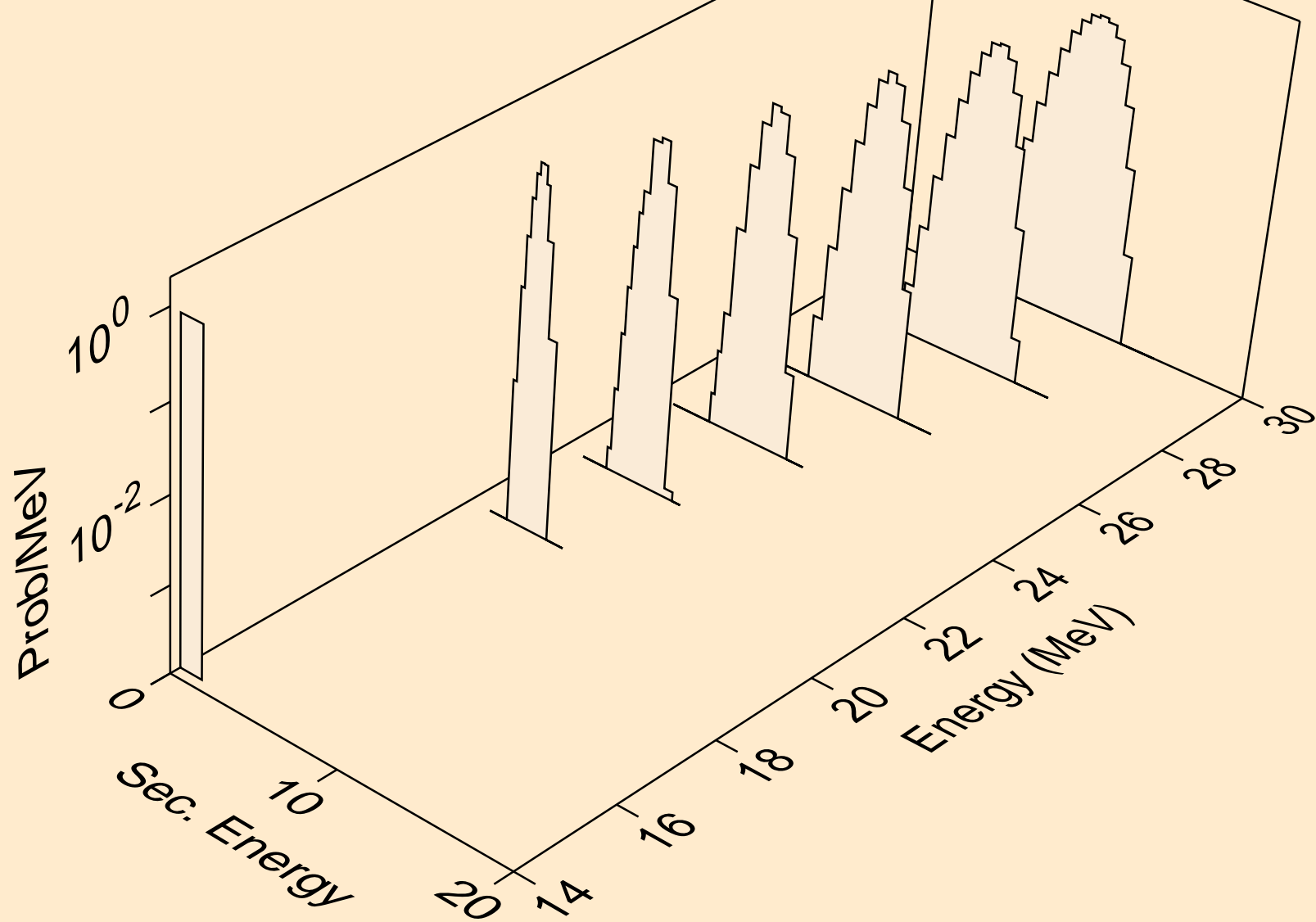
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,x)



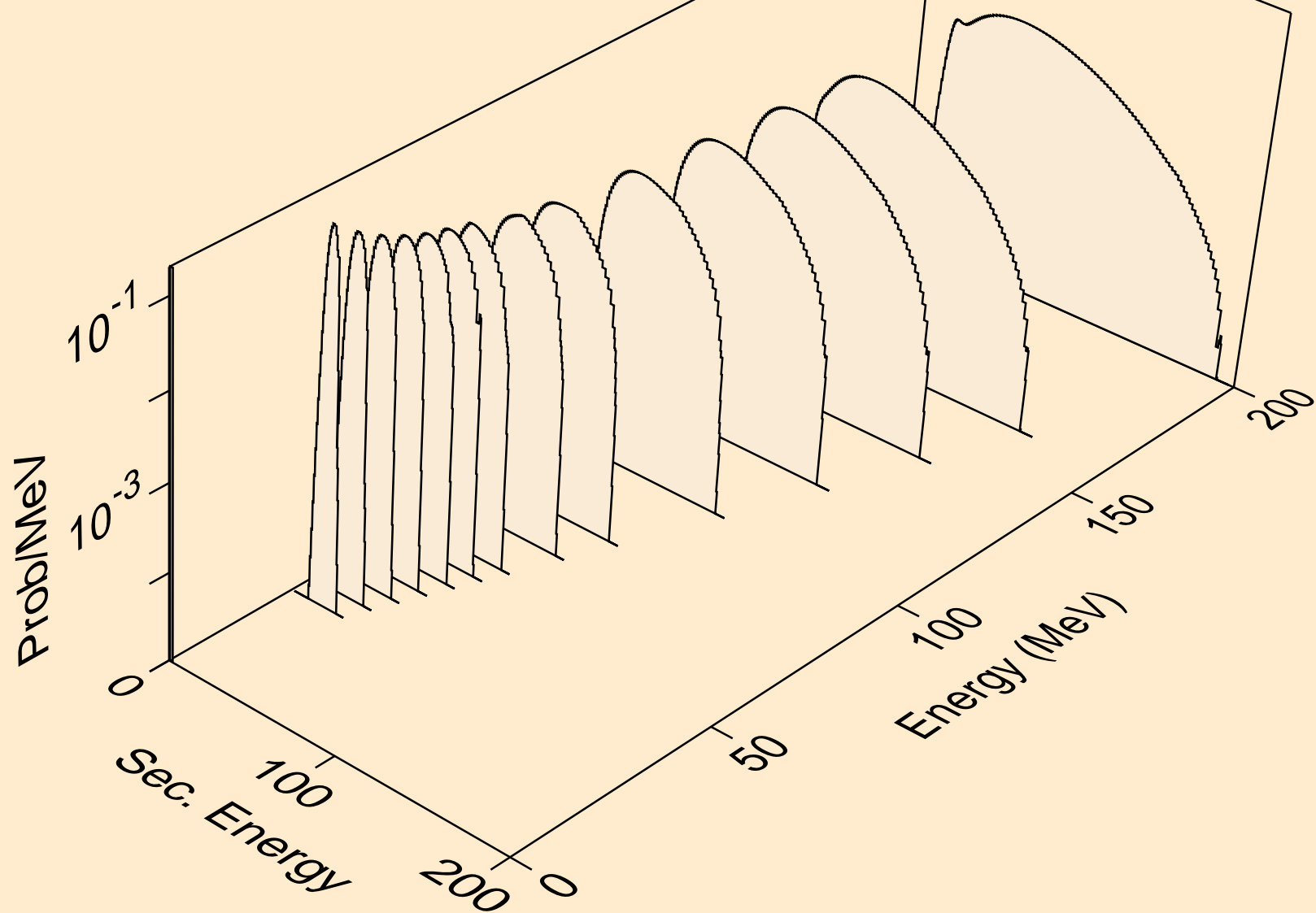
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,t)



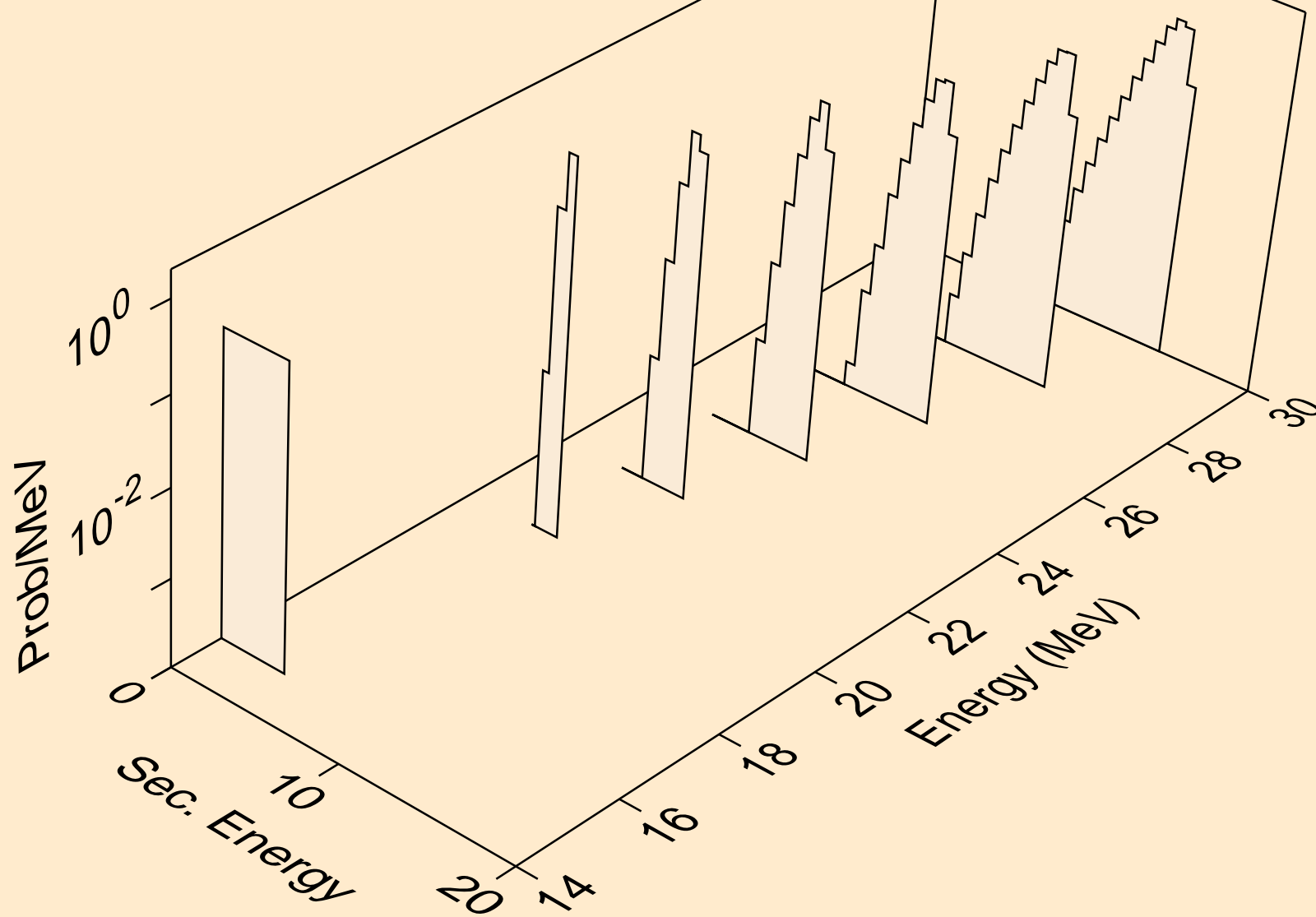
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,pt)



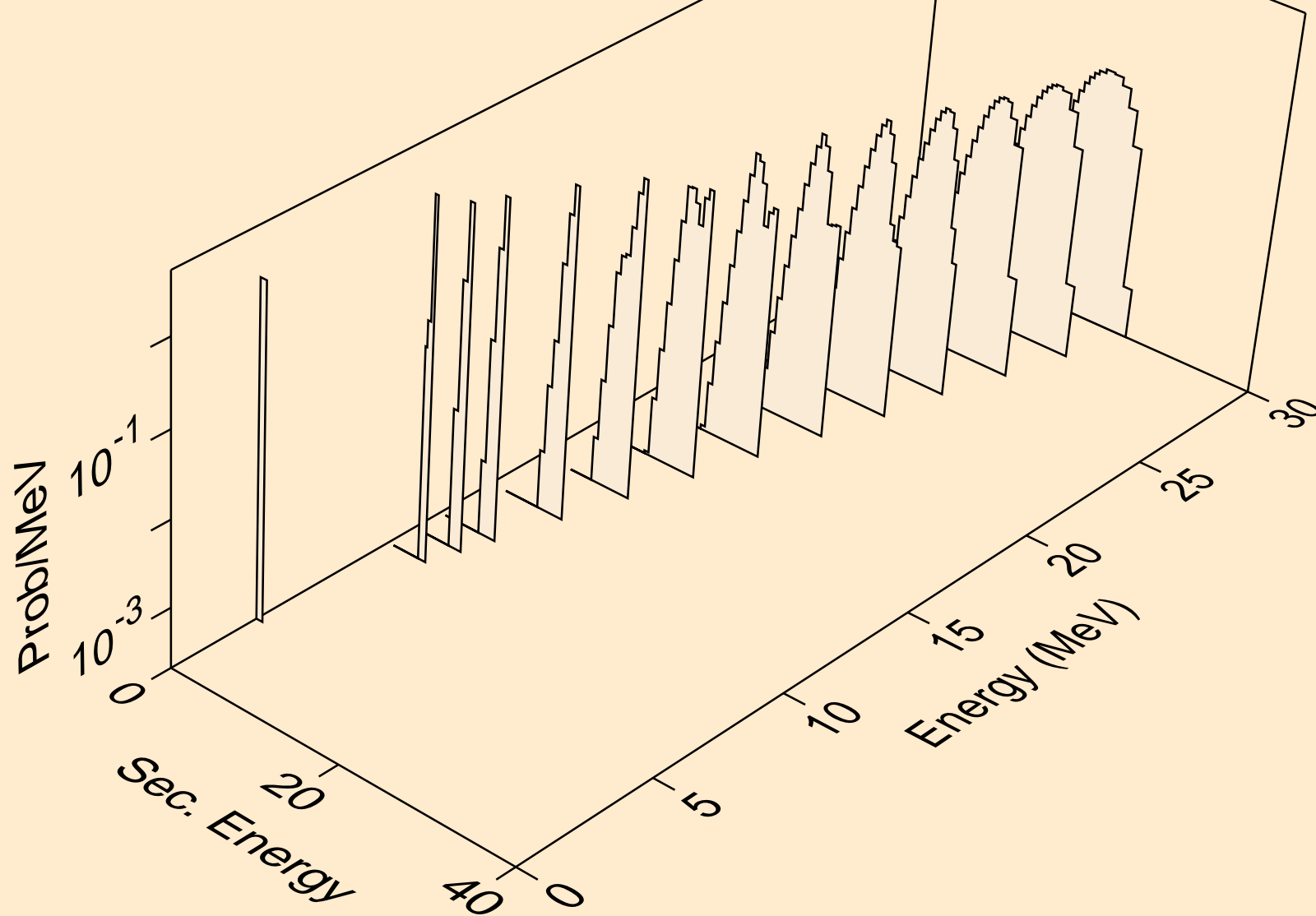
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,x)



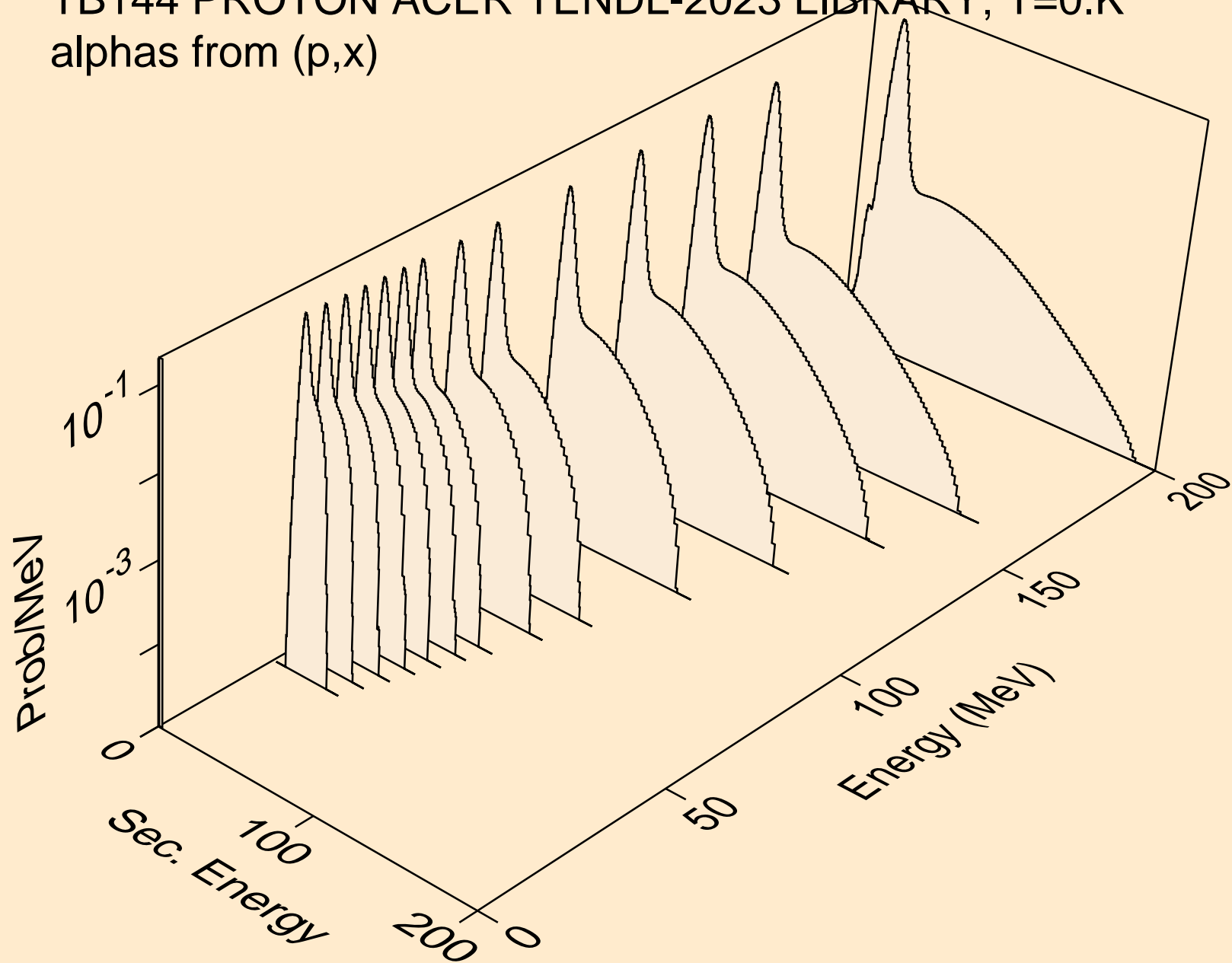
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,n*)he3



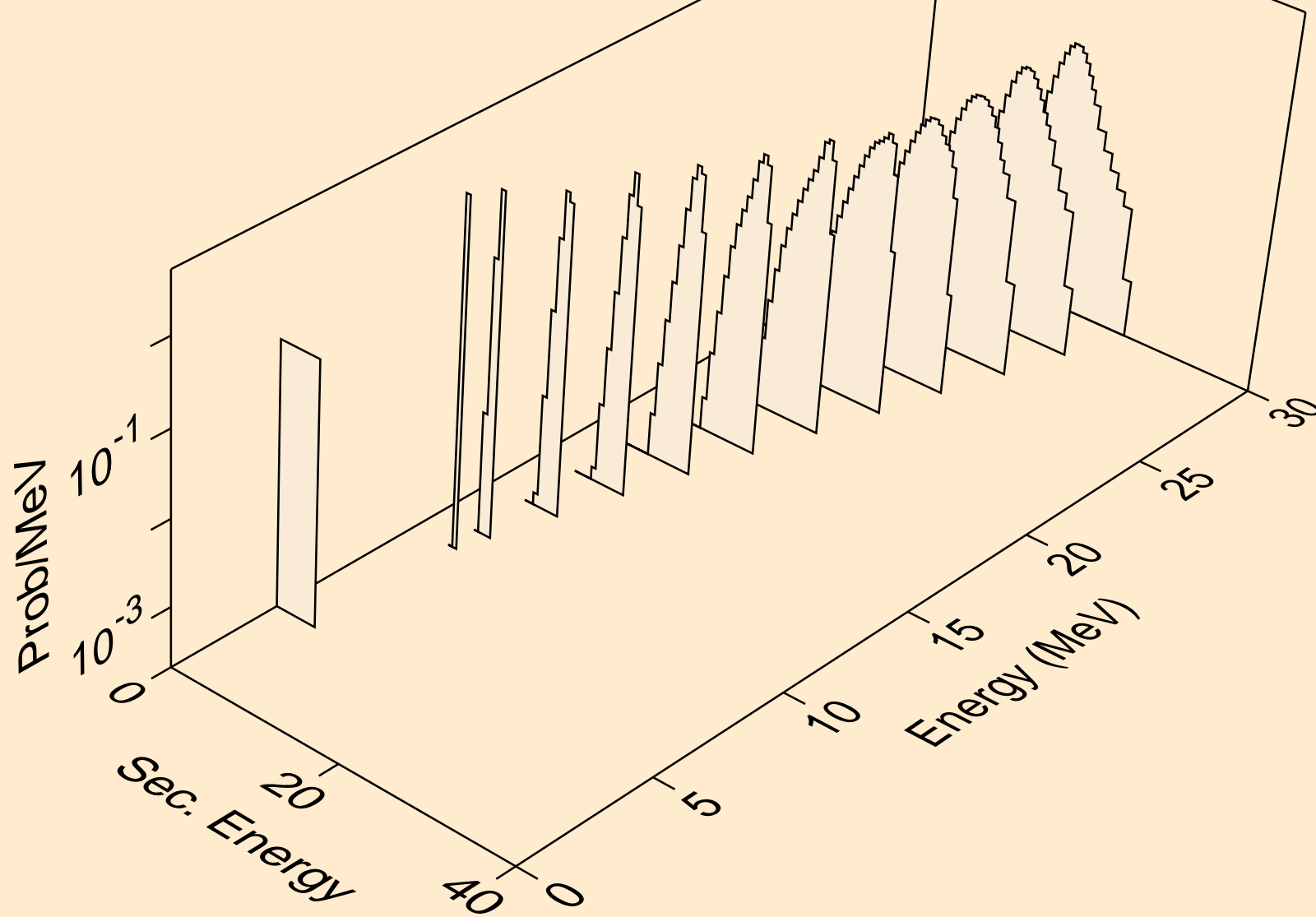
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,he3)



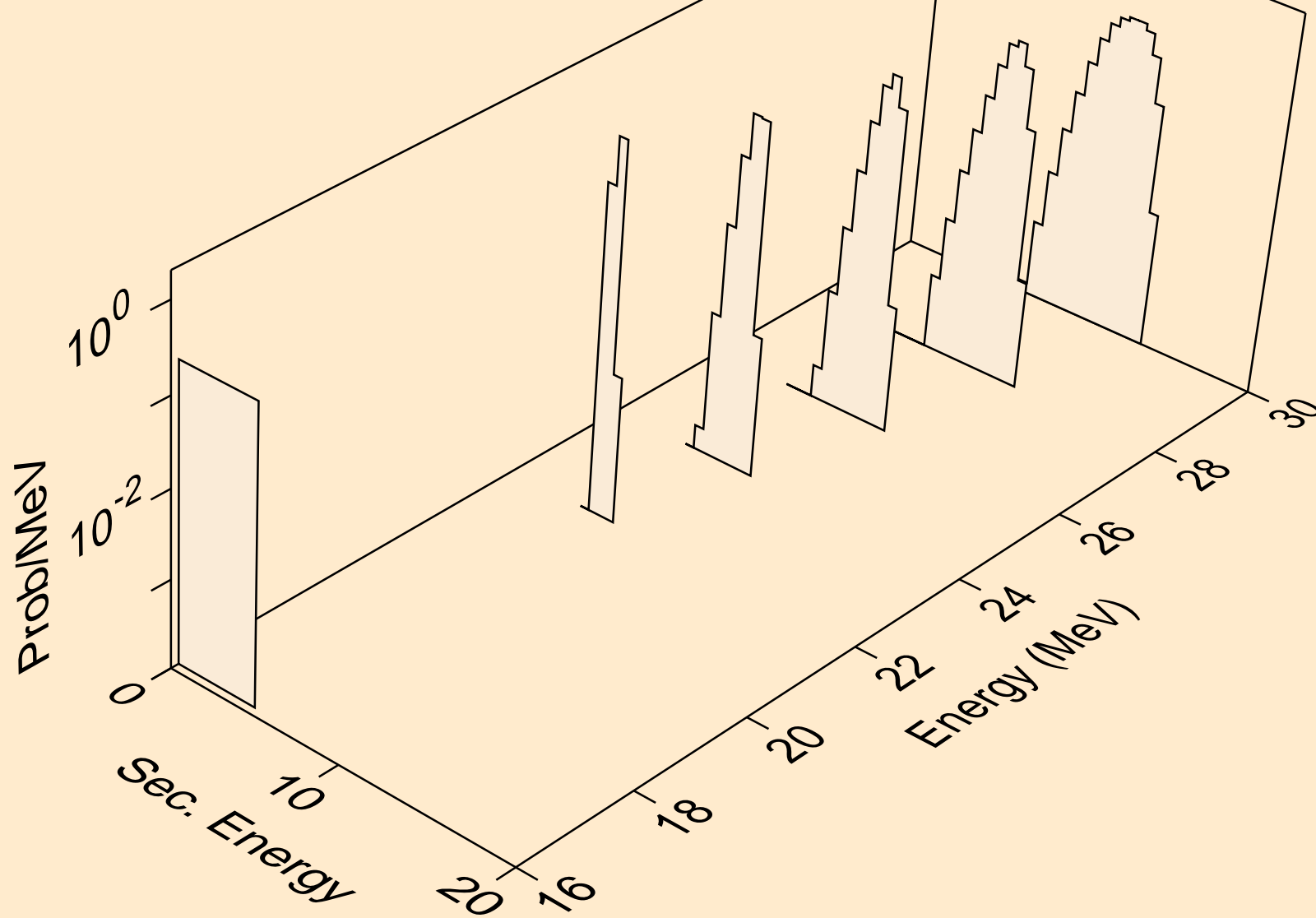
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,x)



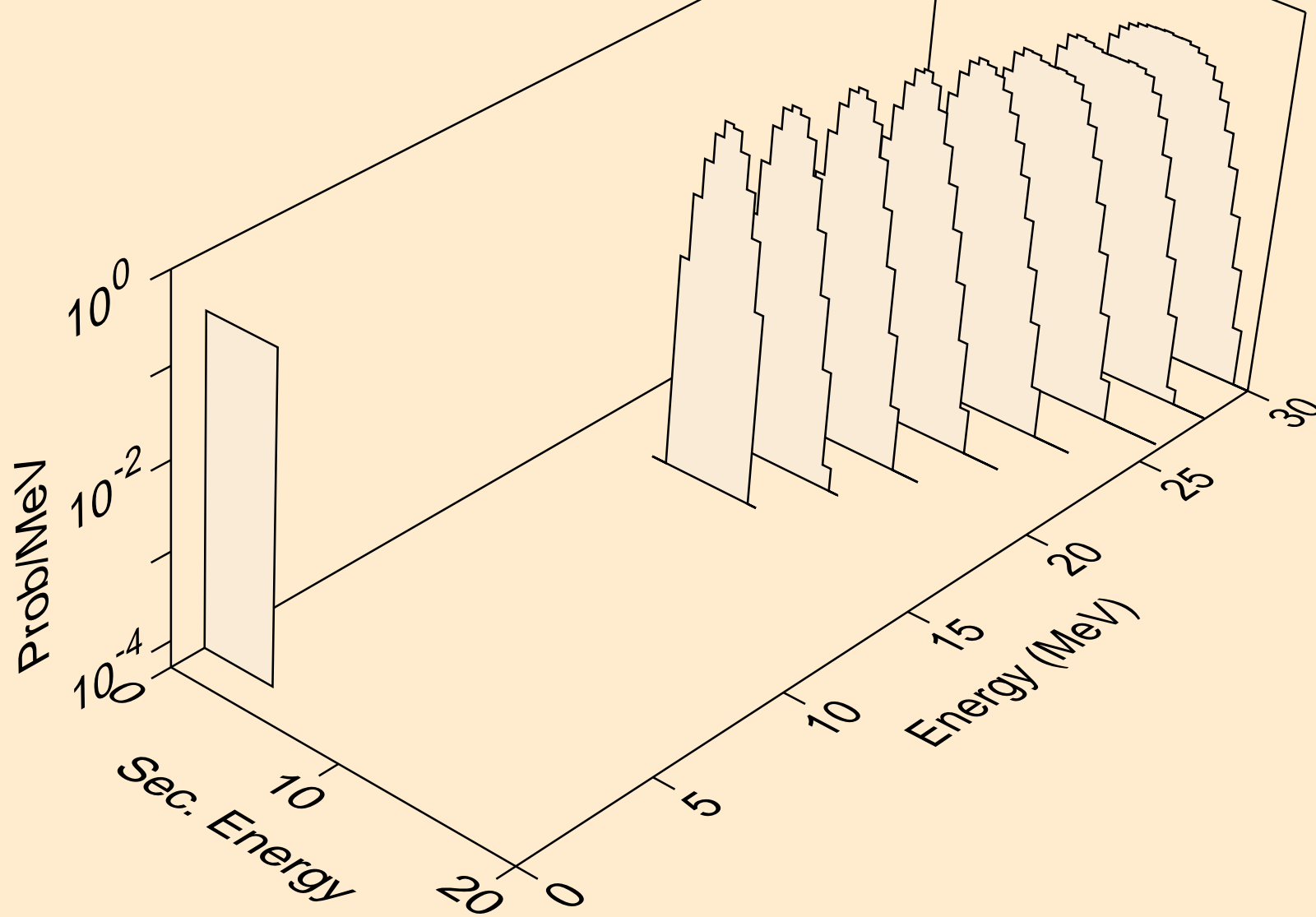
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)a



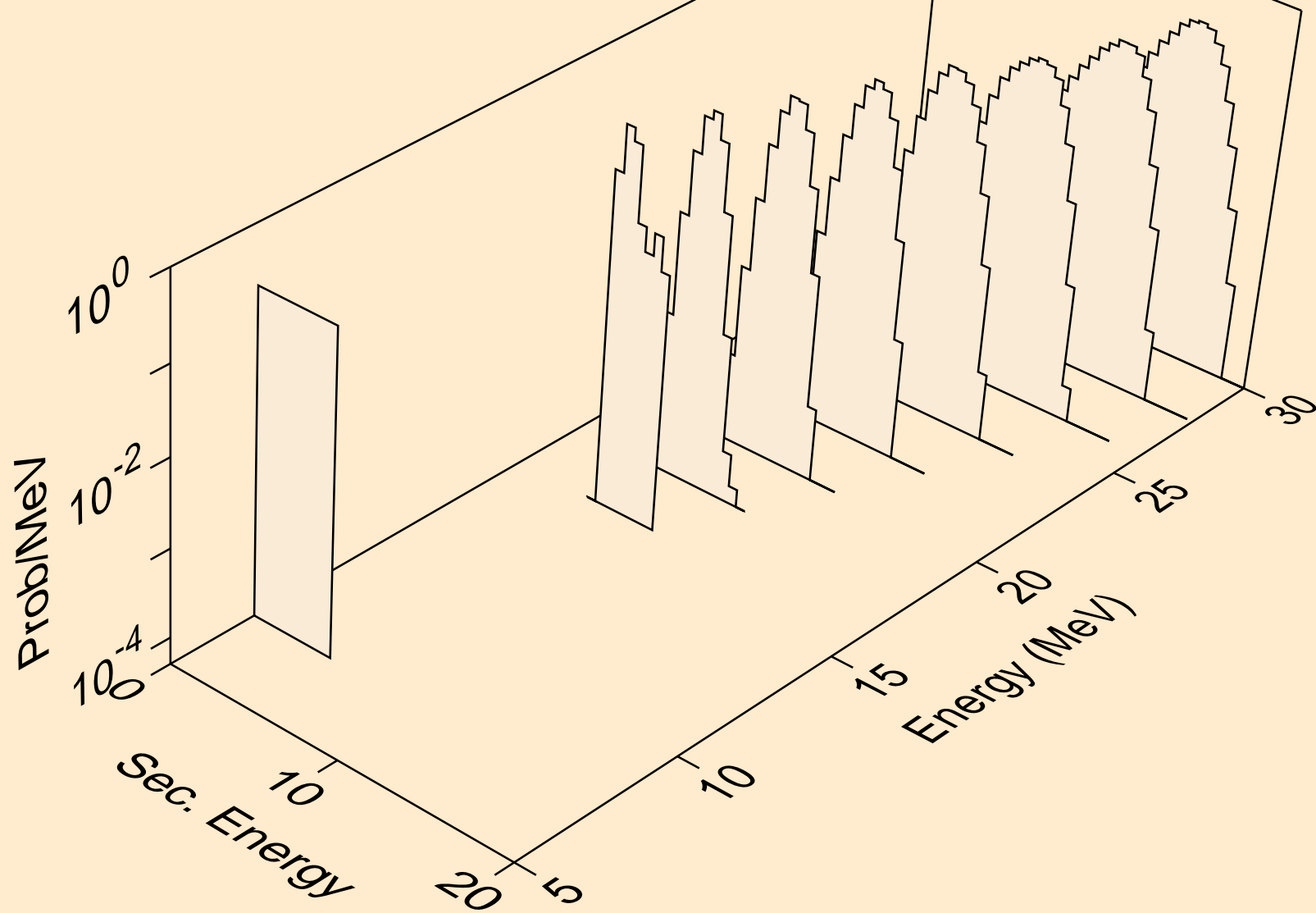
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2n)a



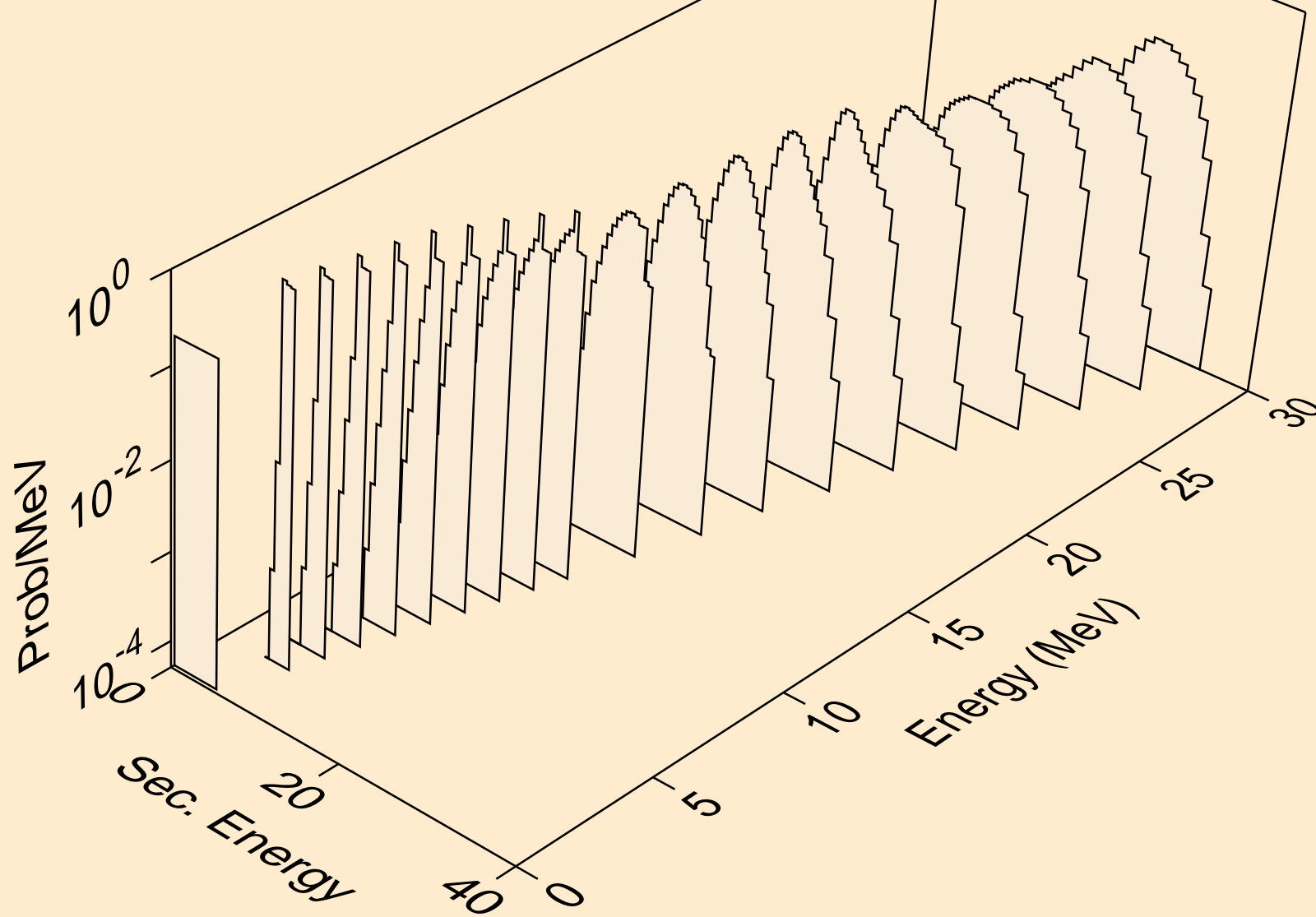
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)2a



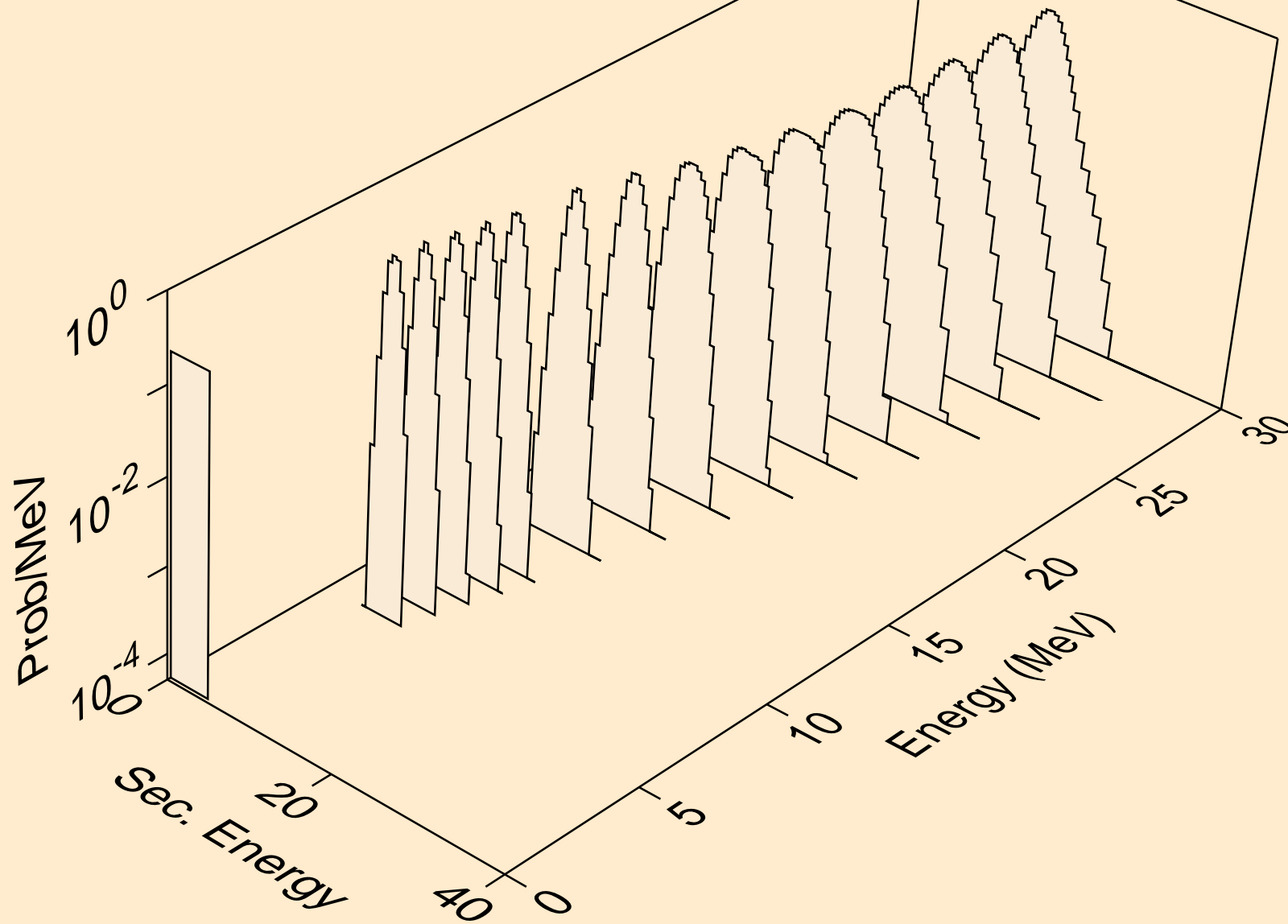
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,npa)



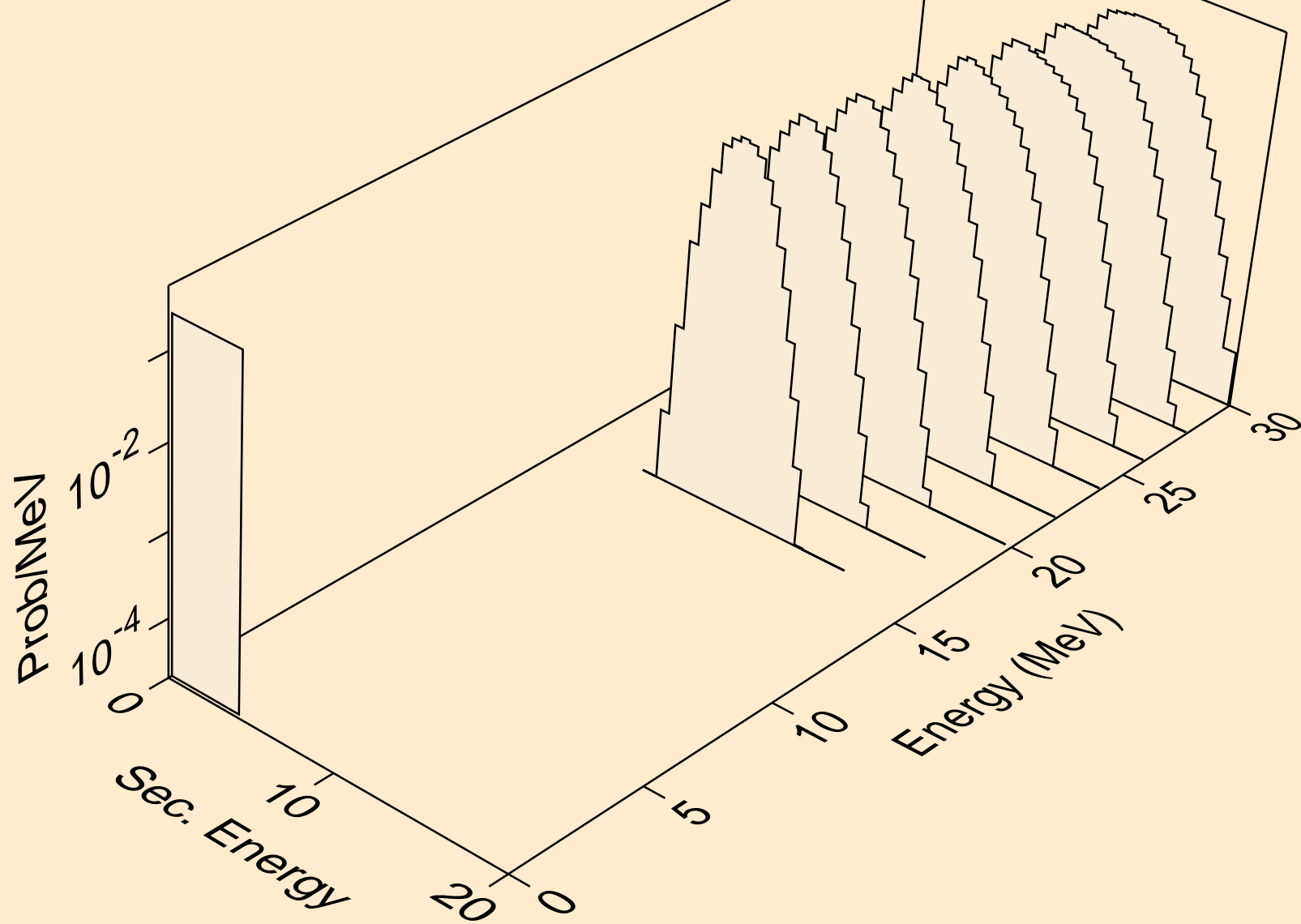
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,a)



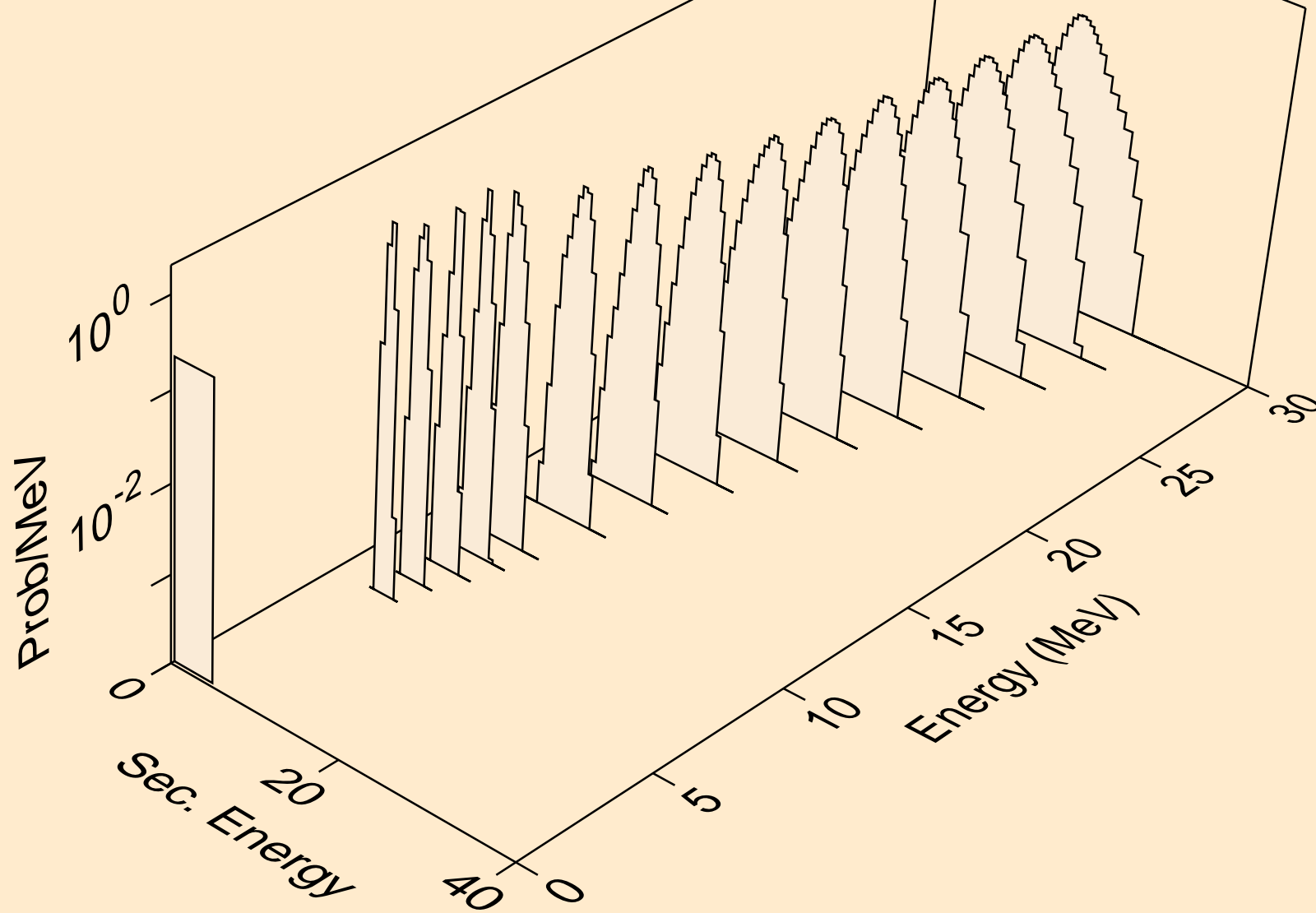
TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2a)



TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,3a)



TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,pa)



TB144 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,da)

