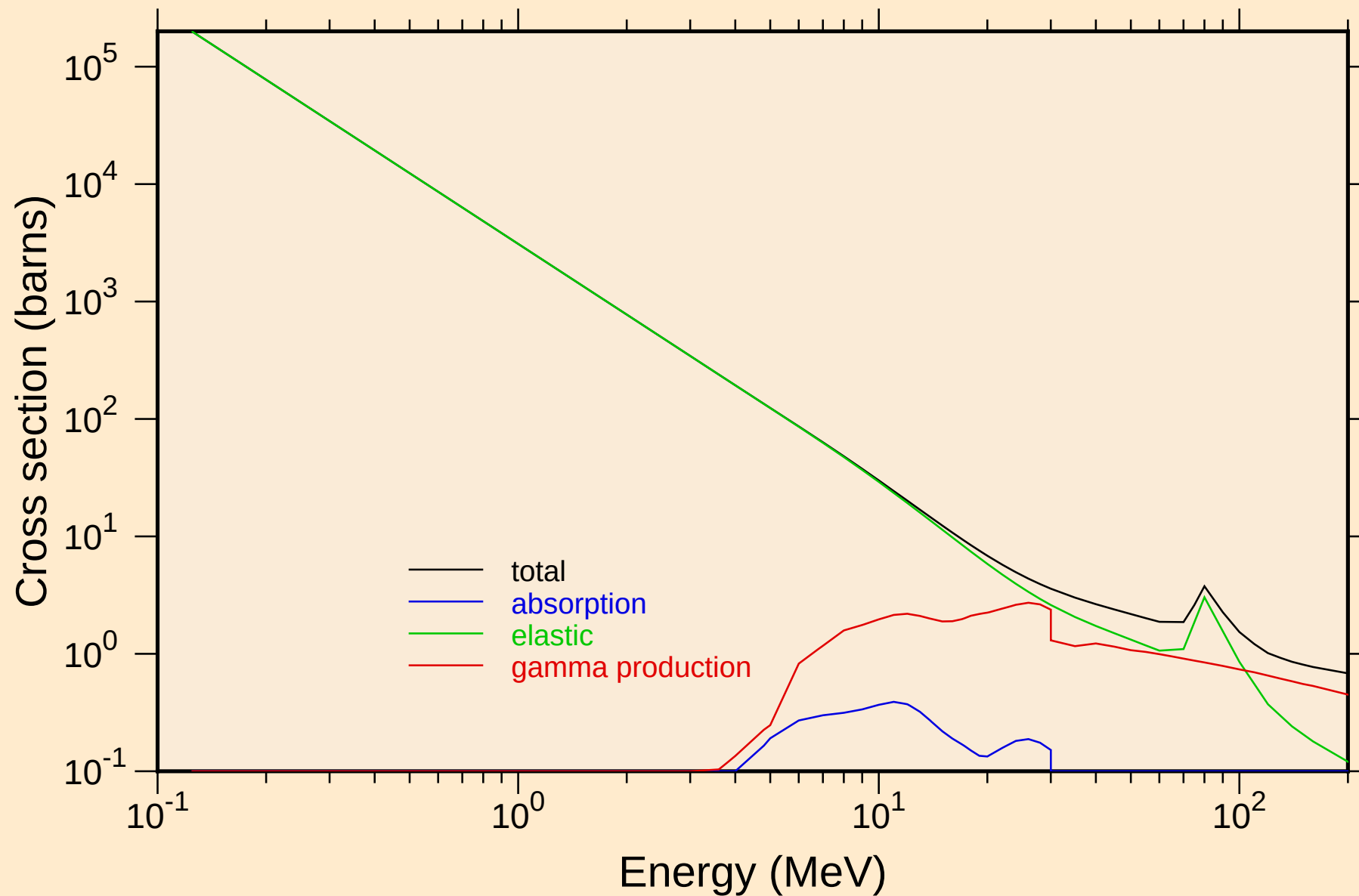


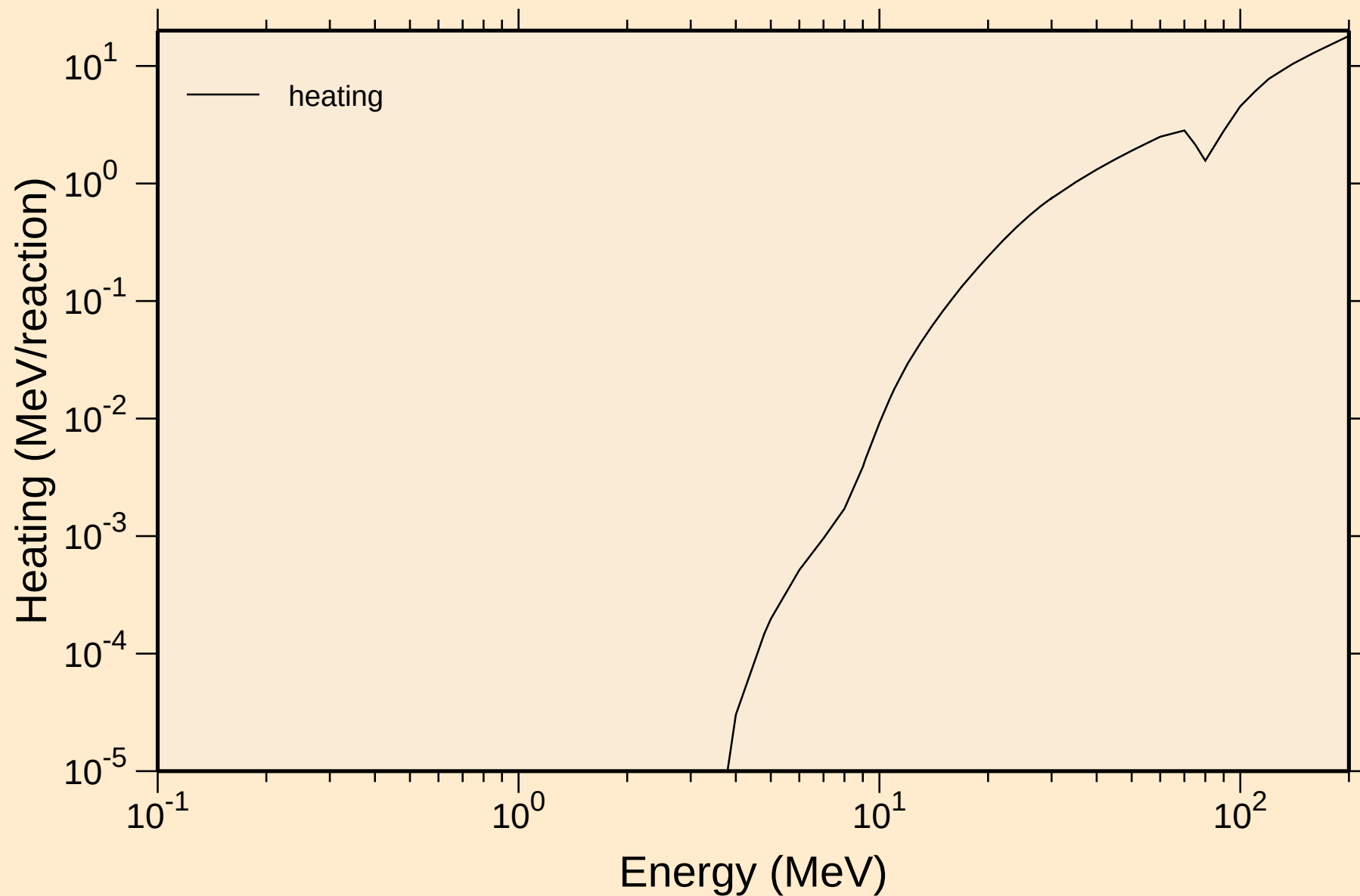
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



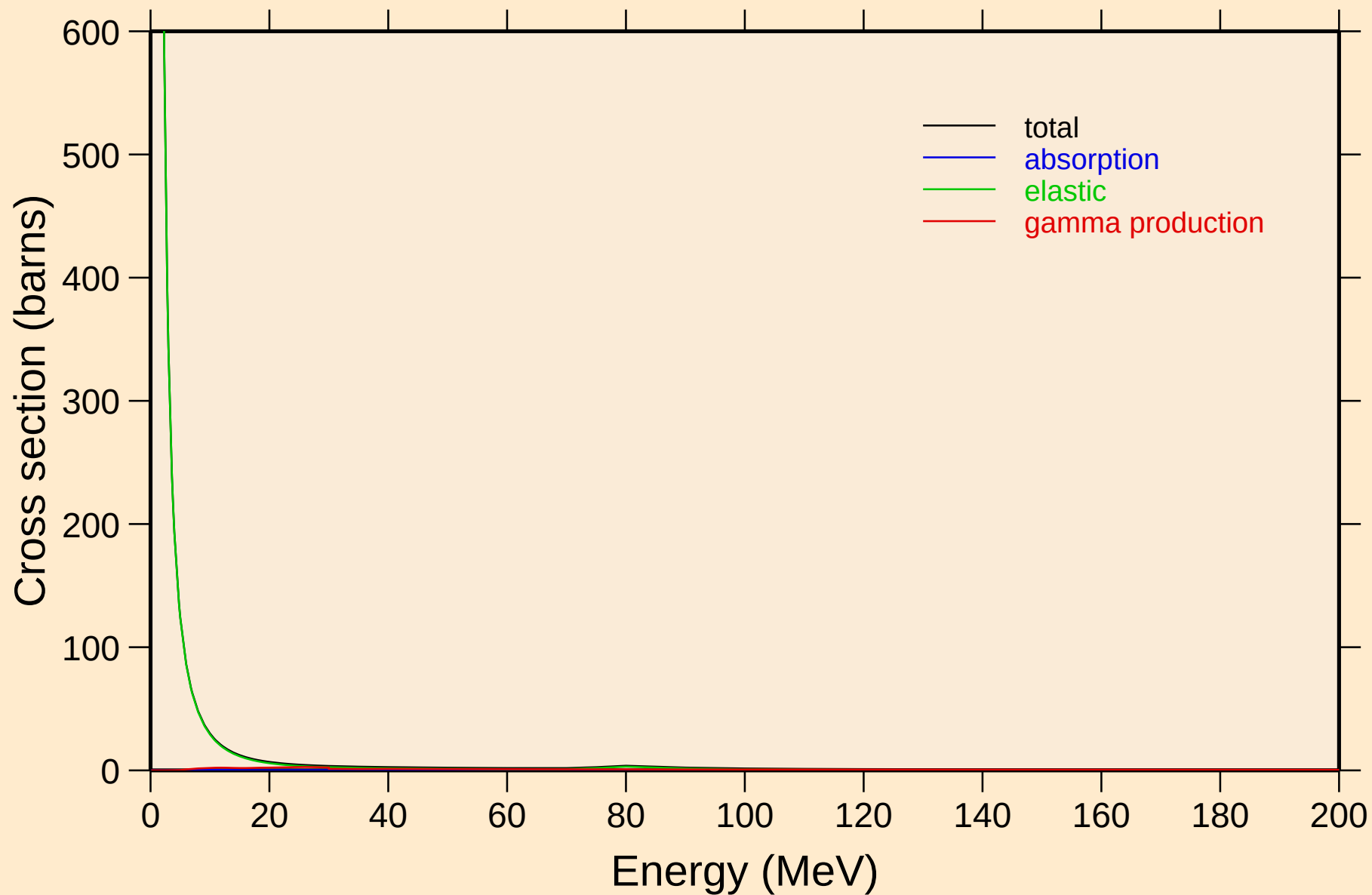
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



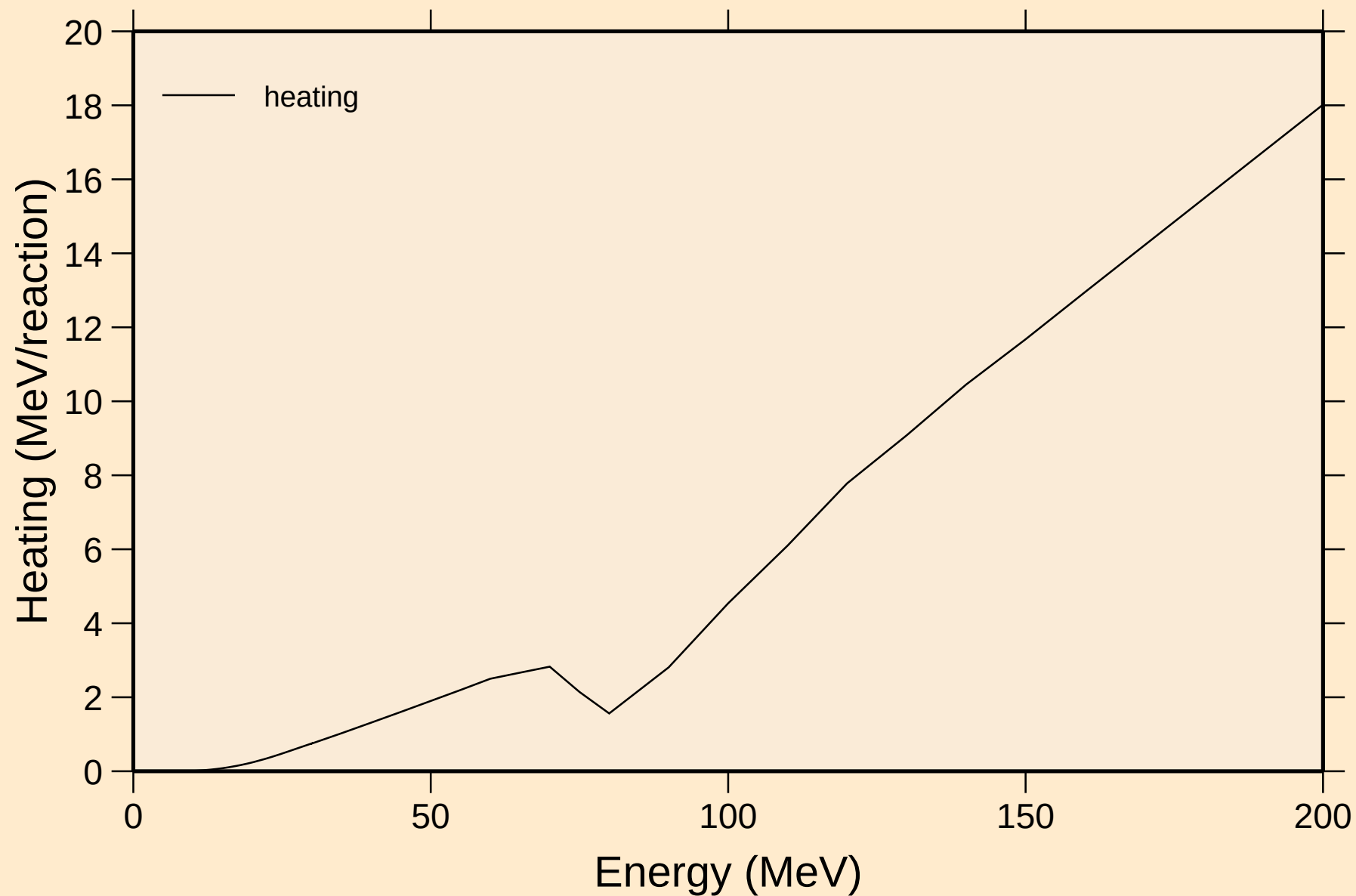
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



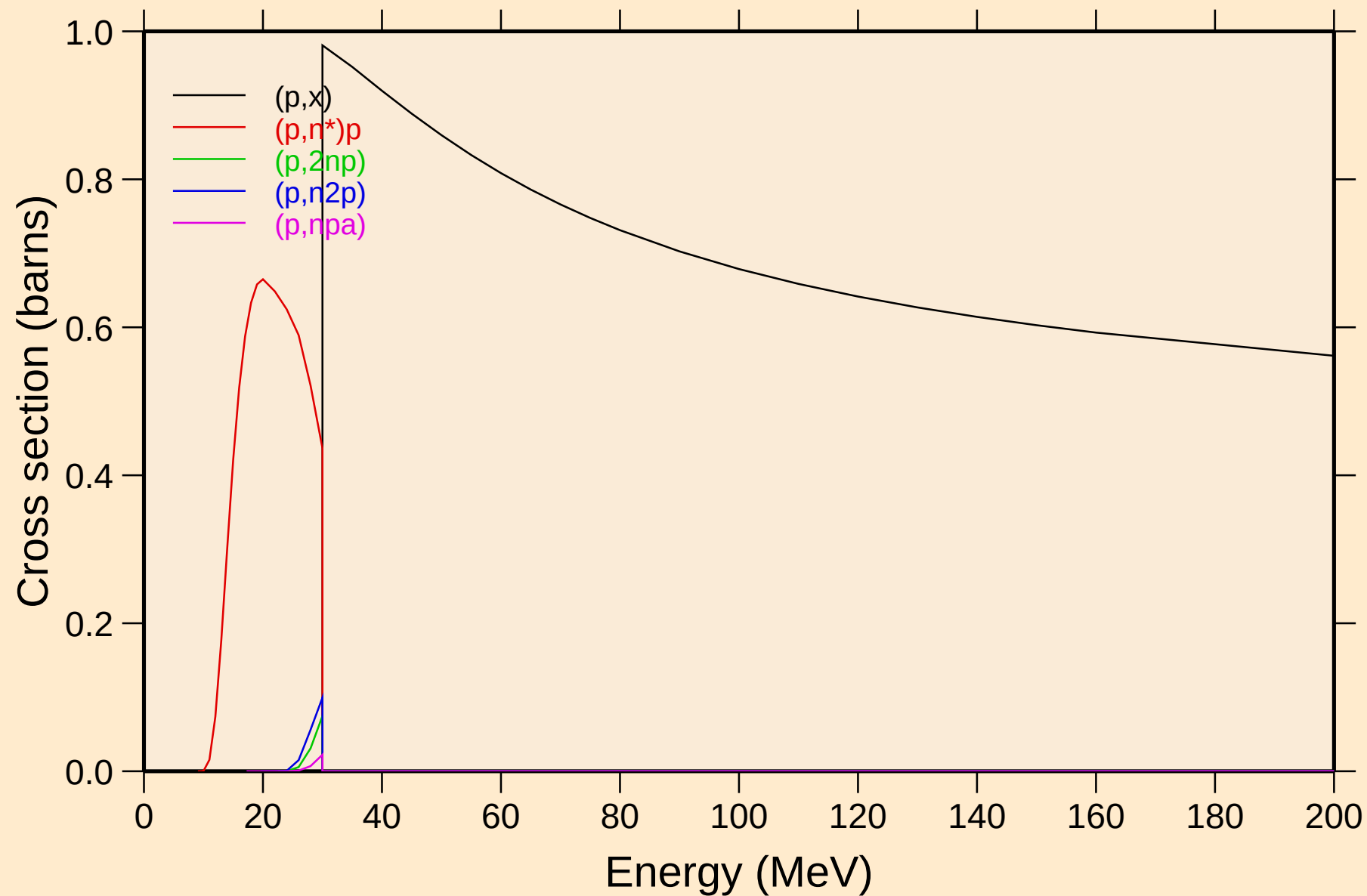
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Heating

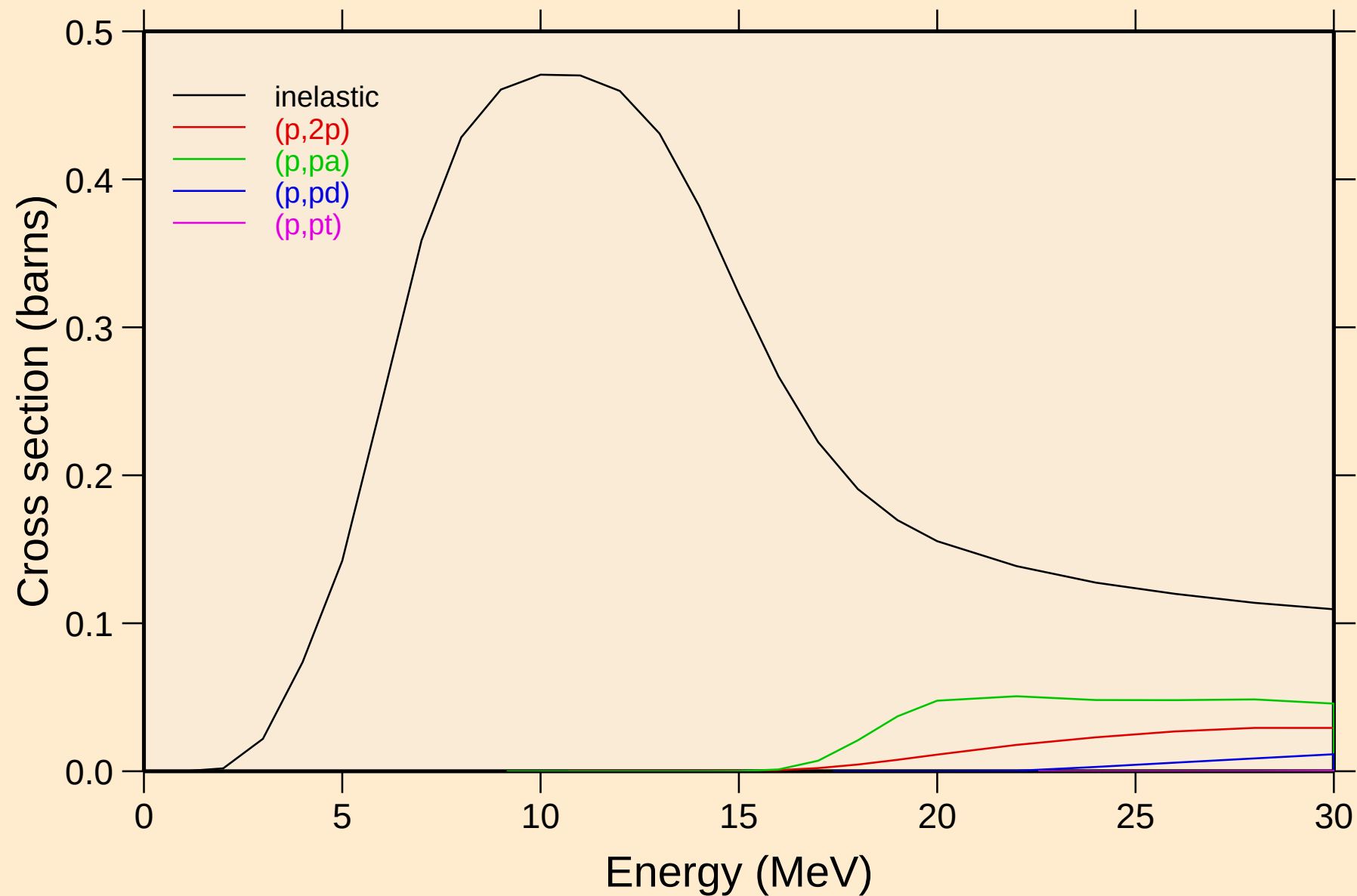


TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K

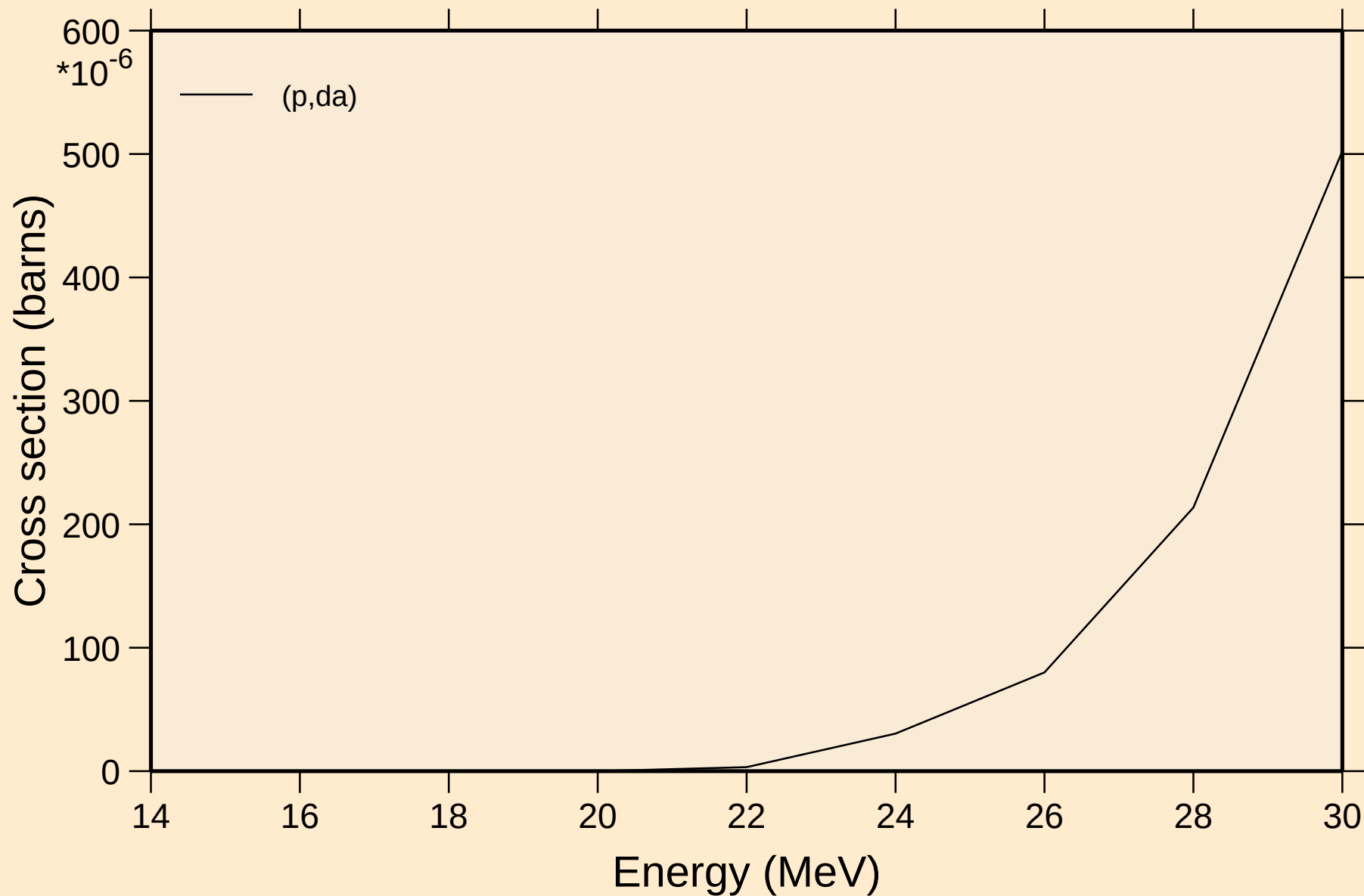
Threshold reactions



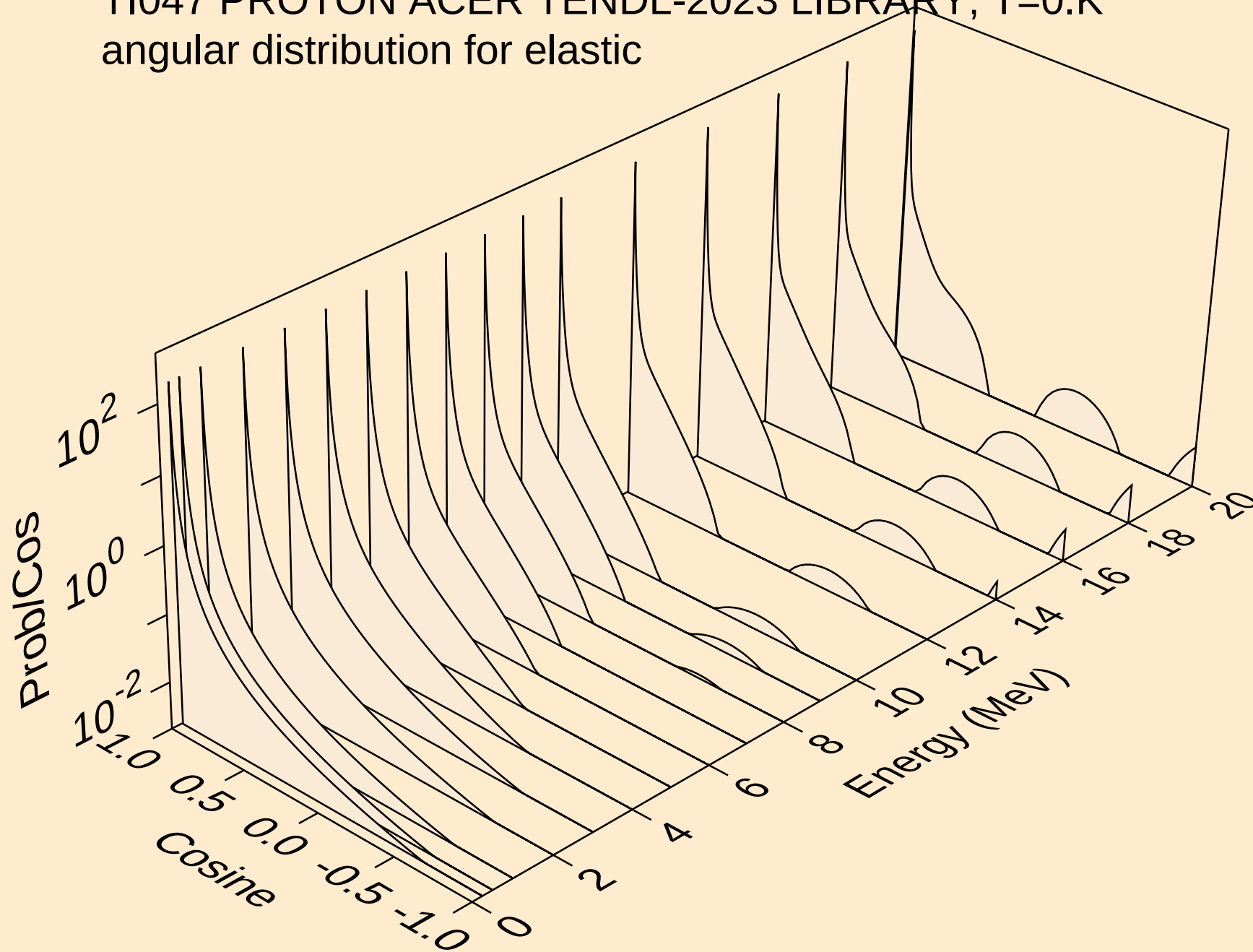
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



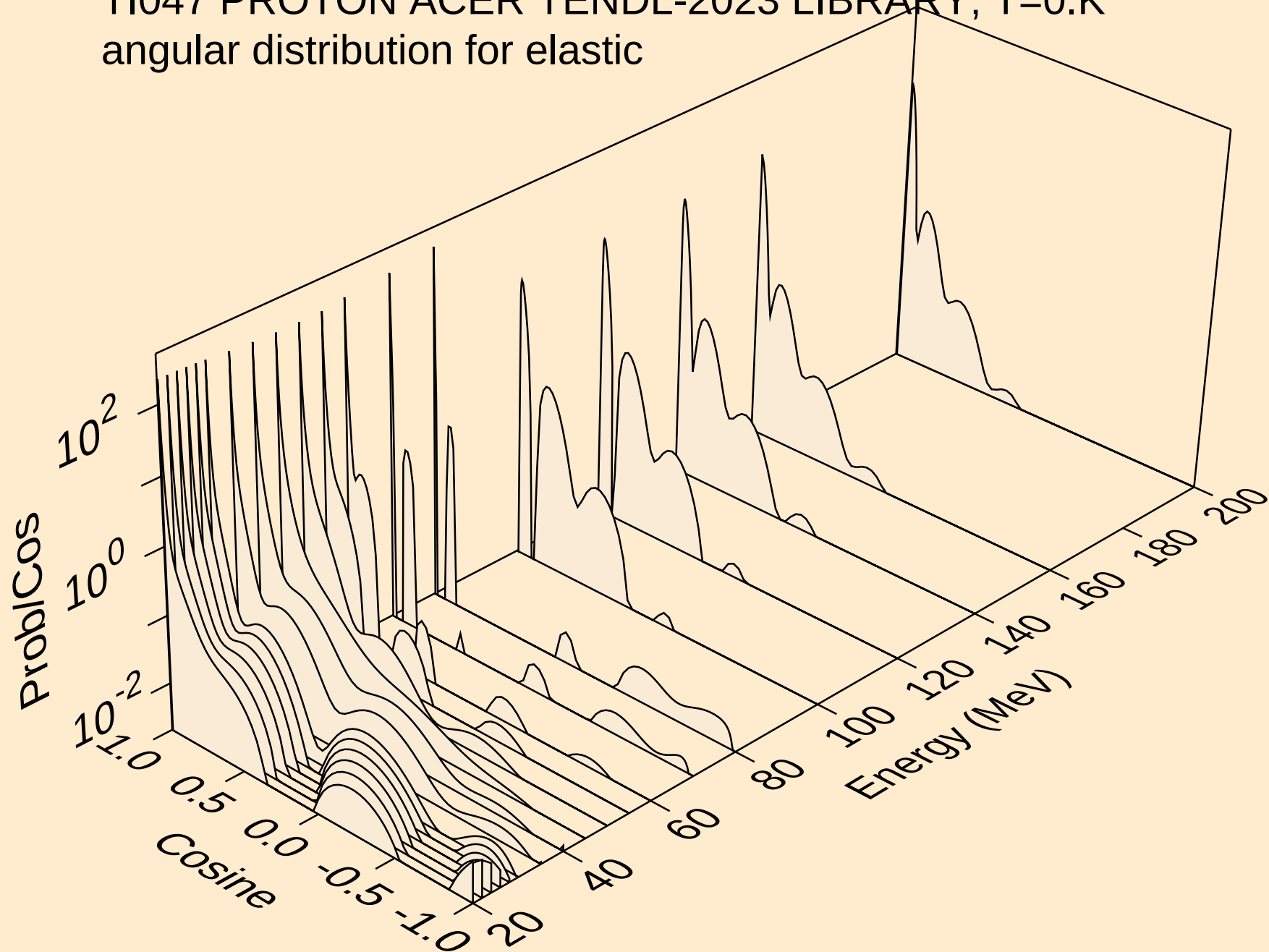
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



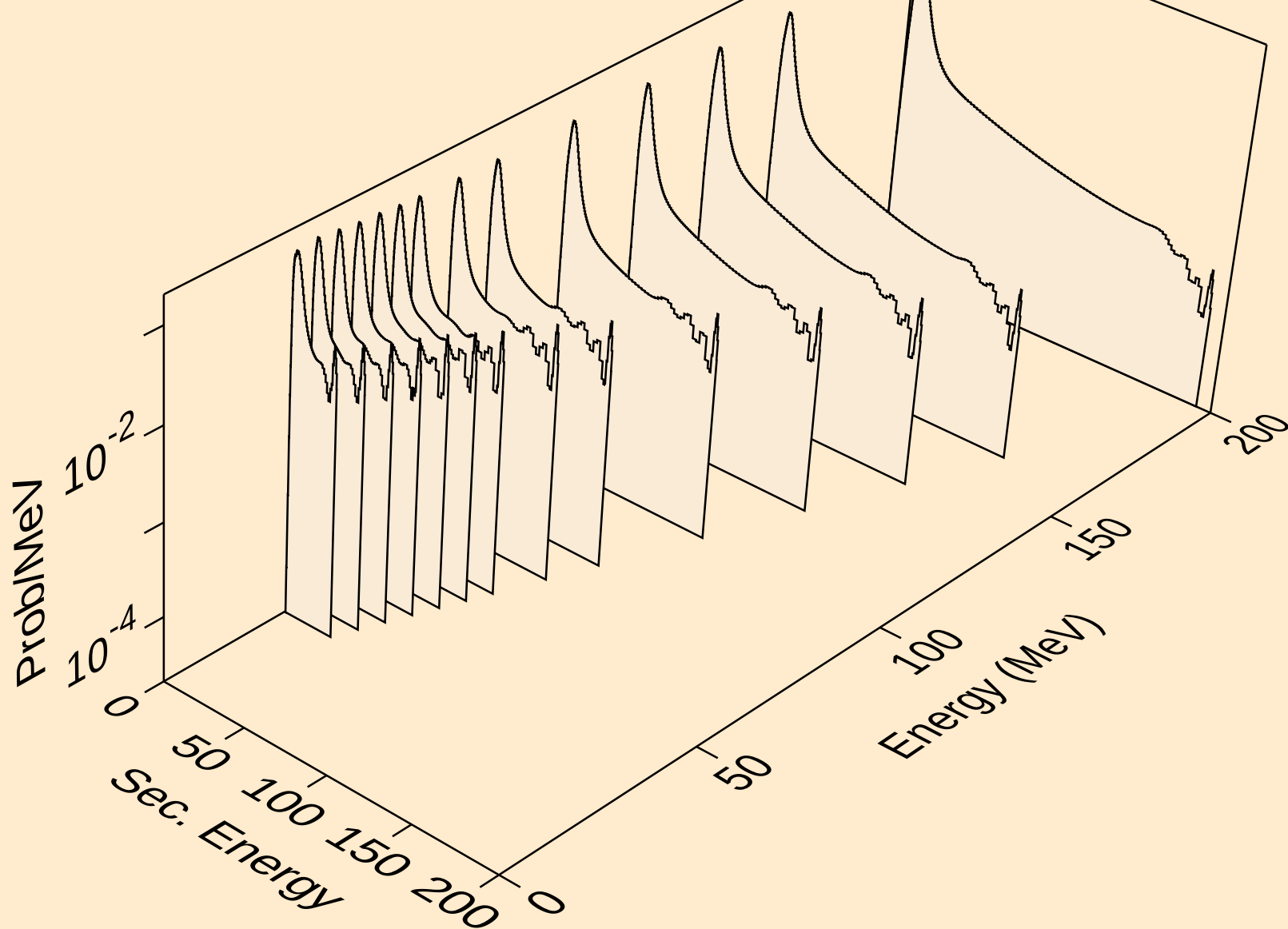
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic

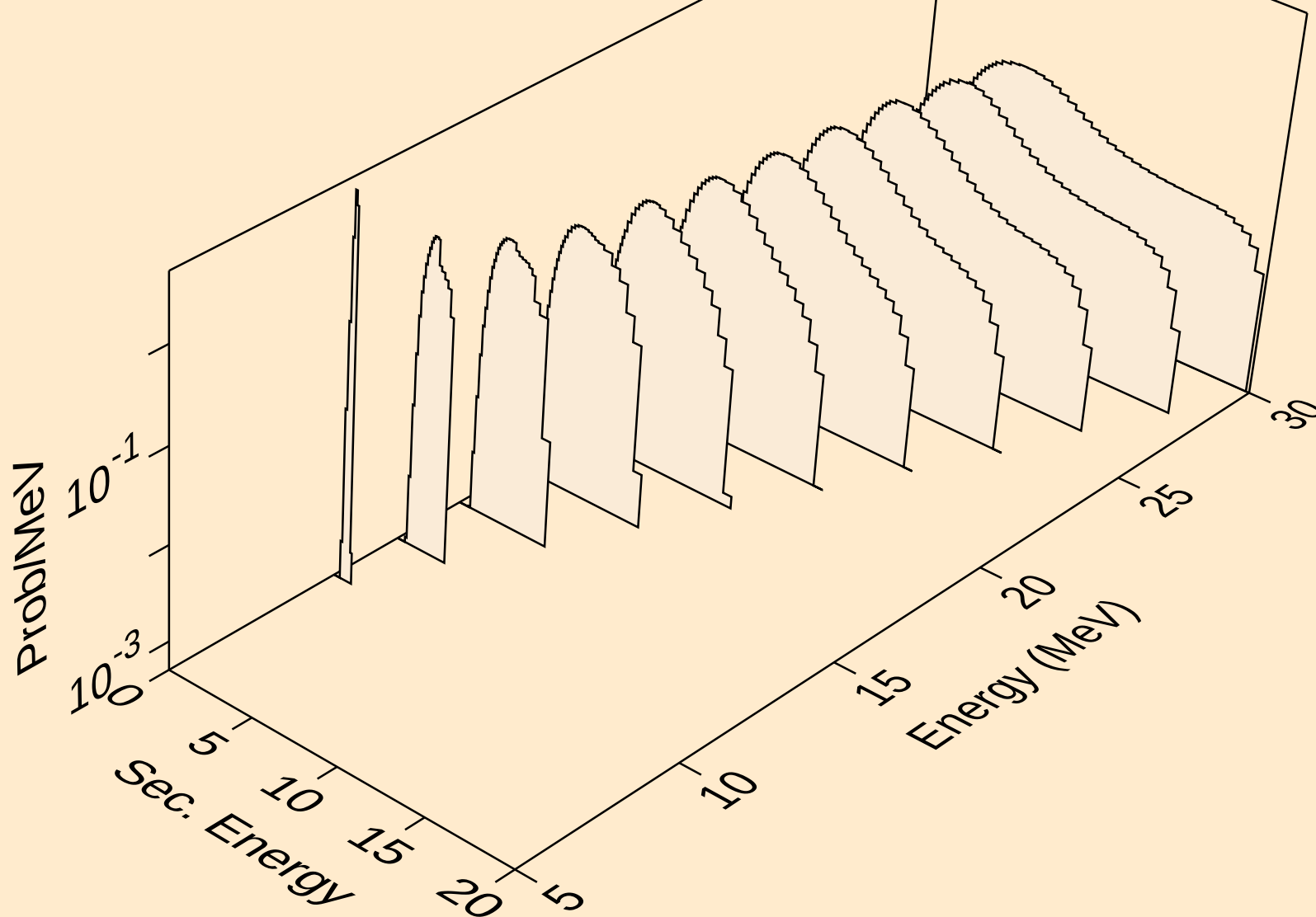


TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,x)

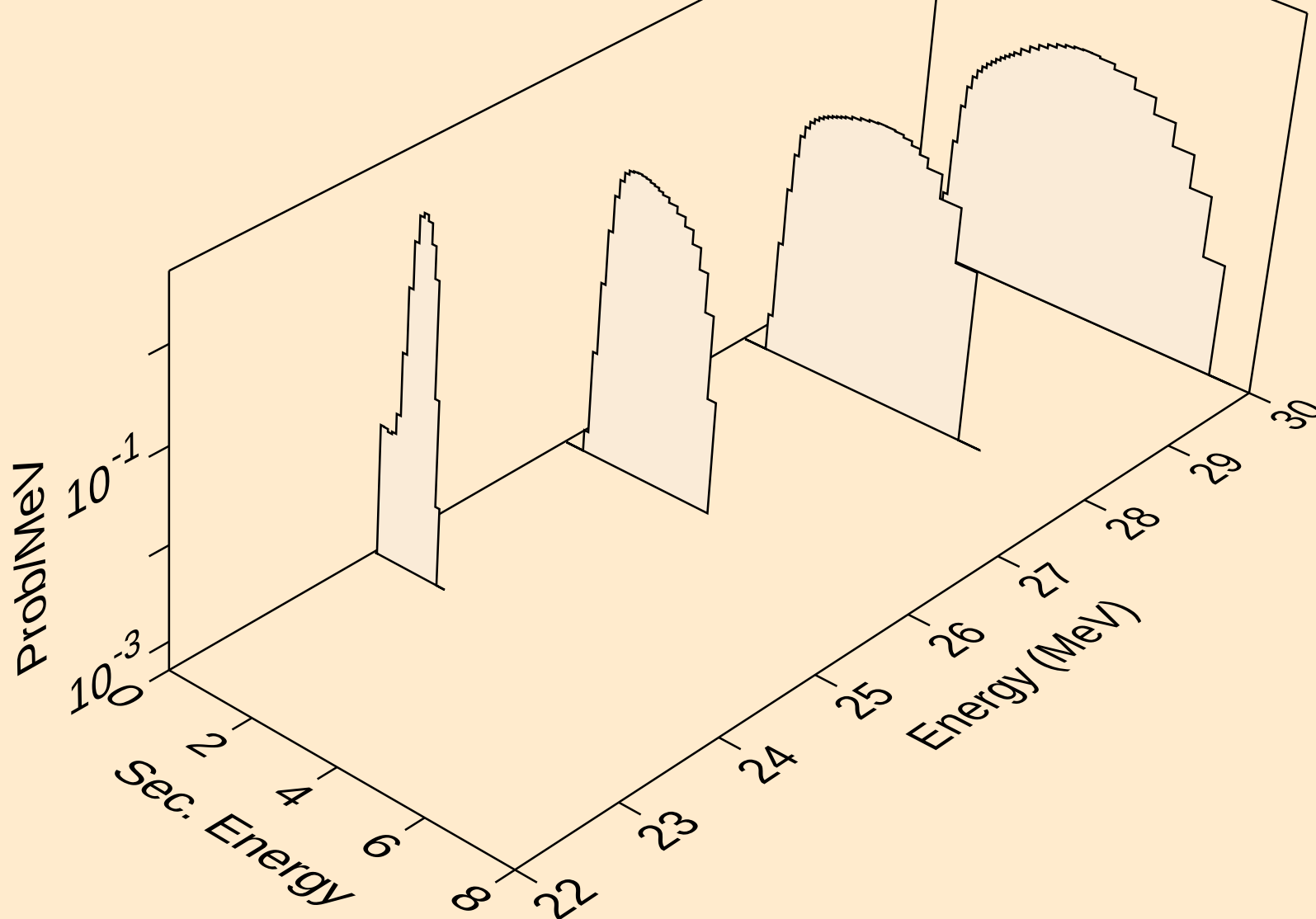


TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K

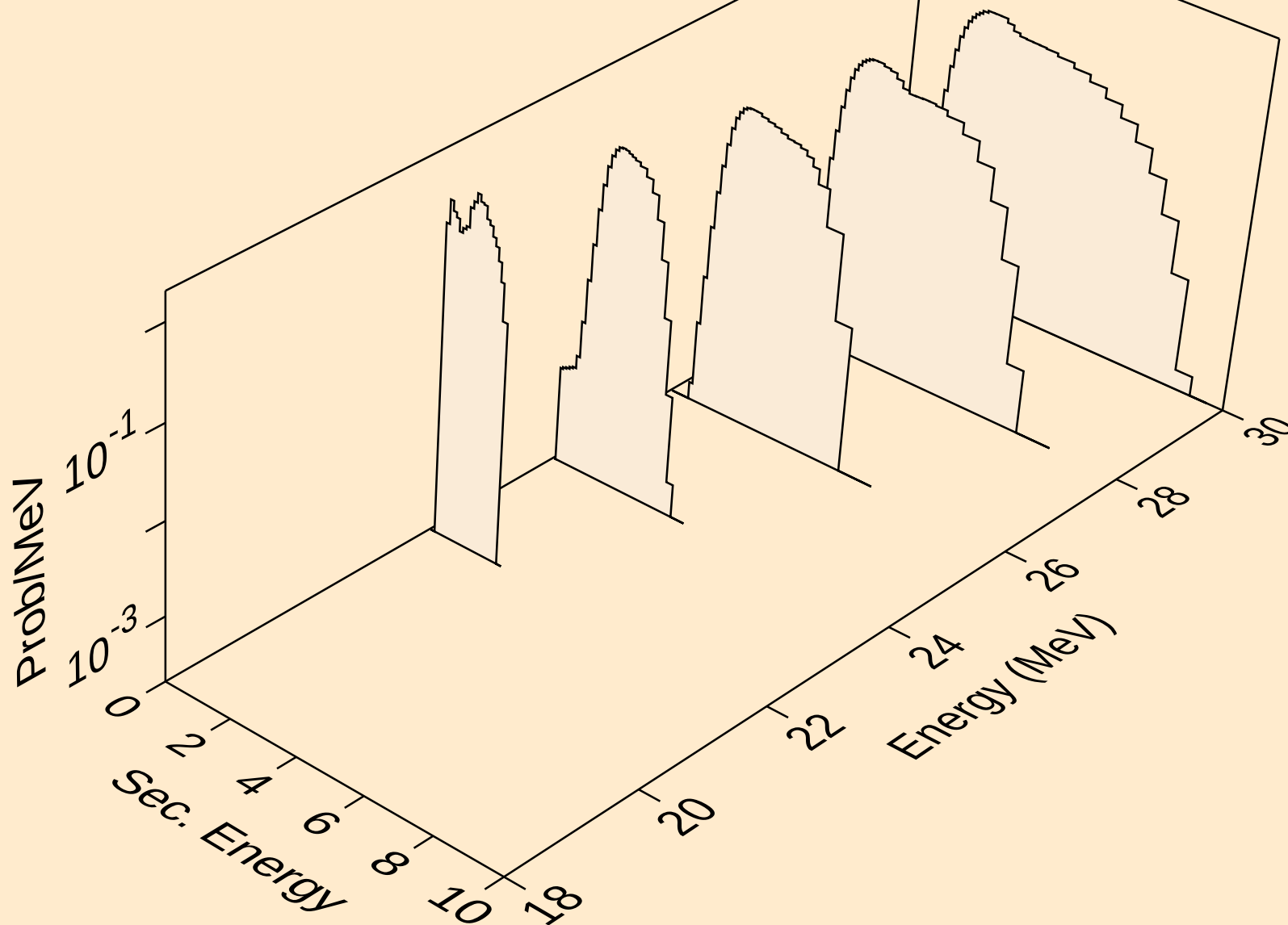
Proton emission for (p,n*)p



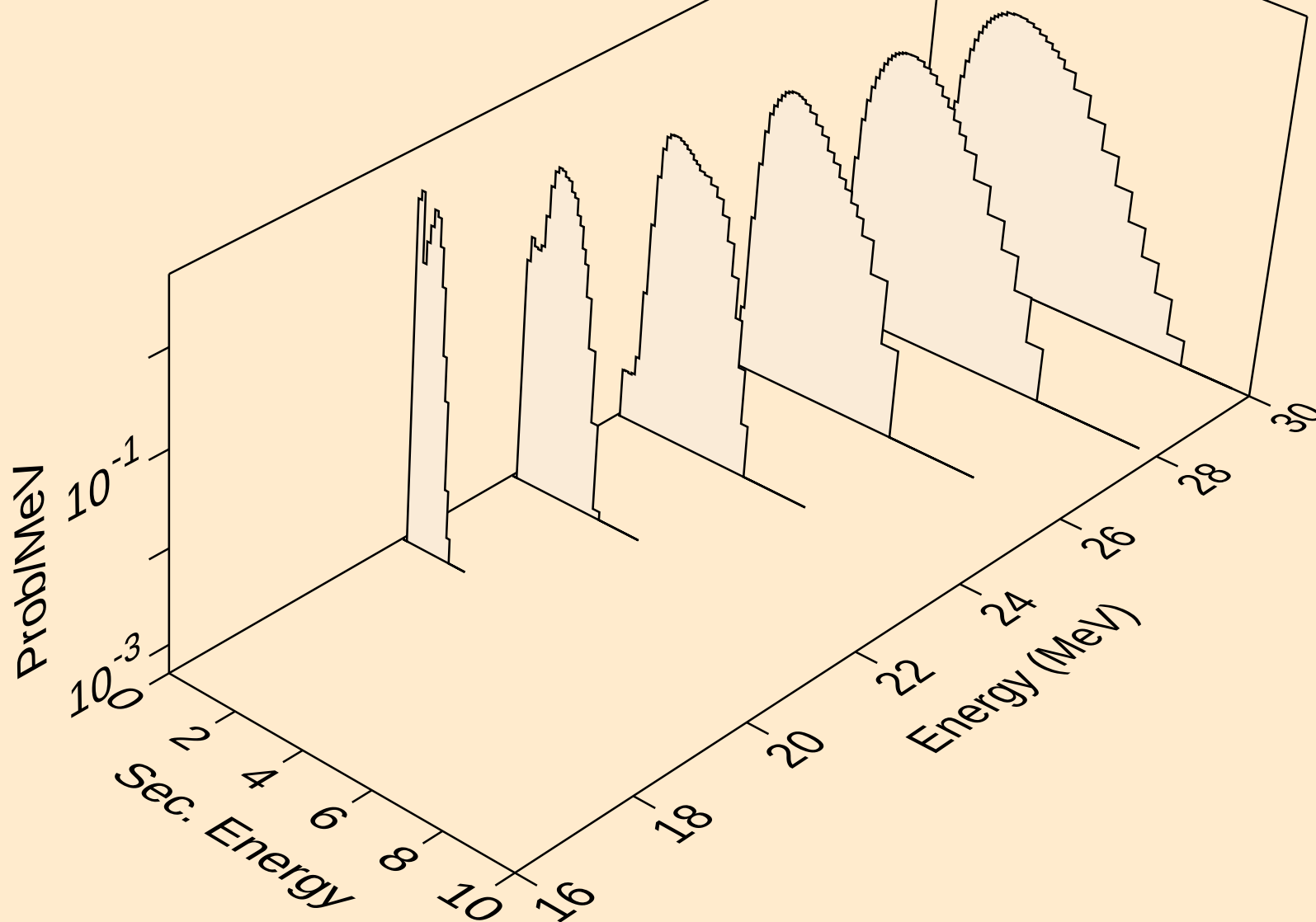
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2np)



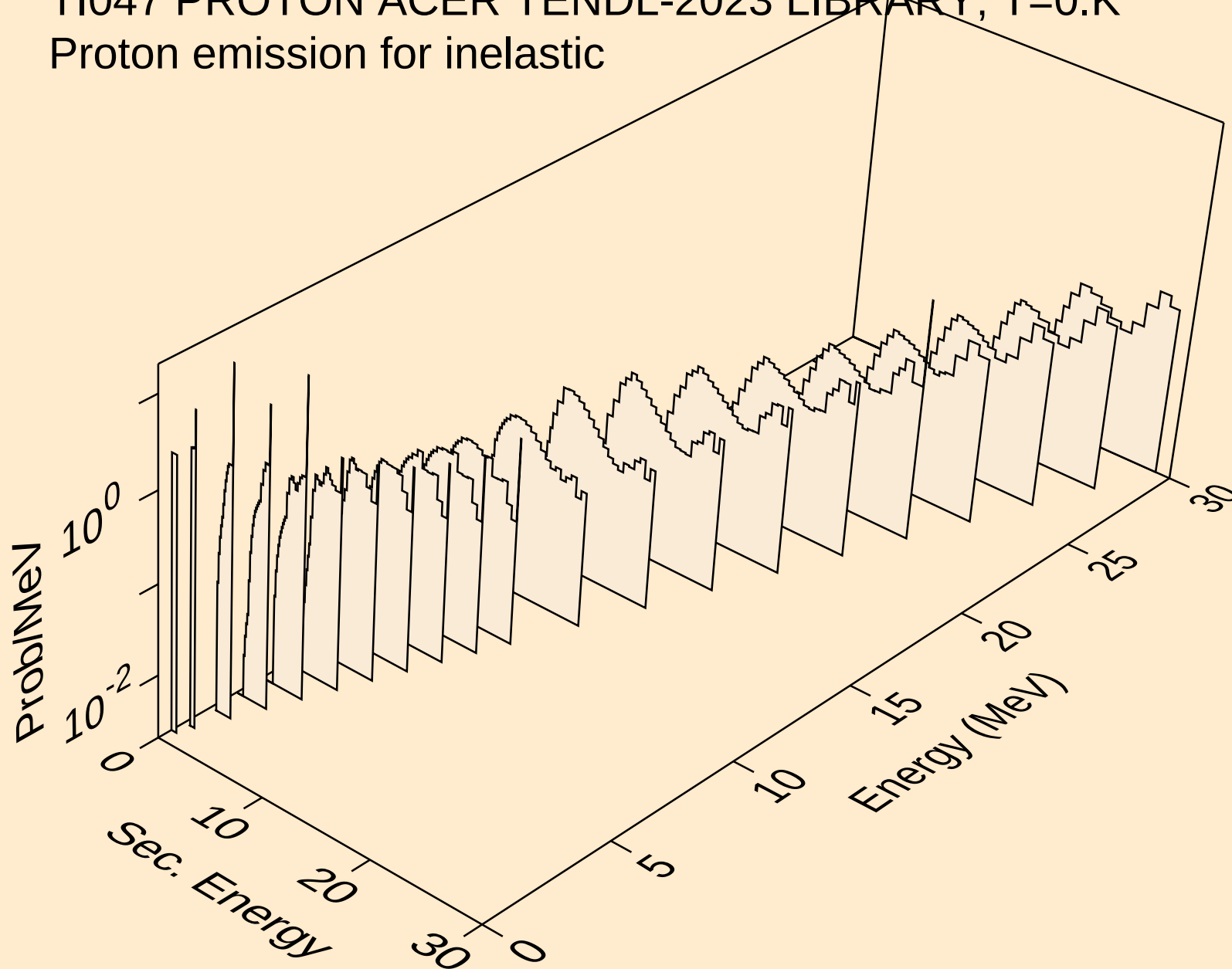
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n2p)



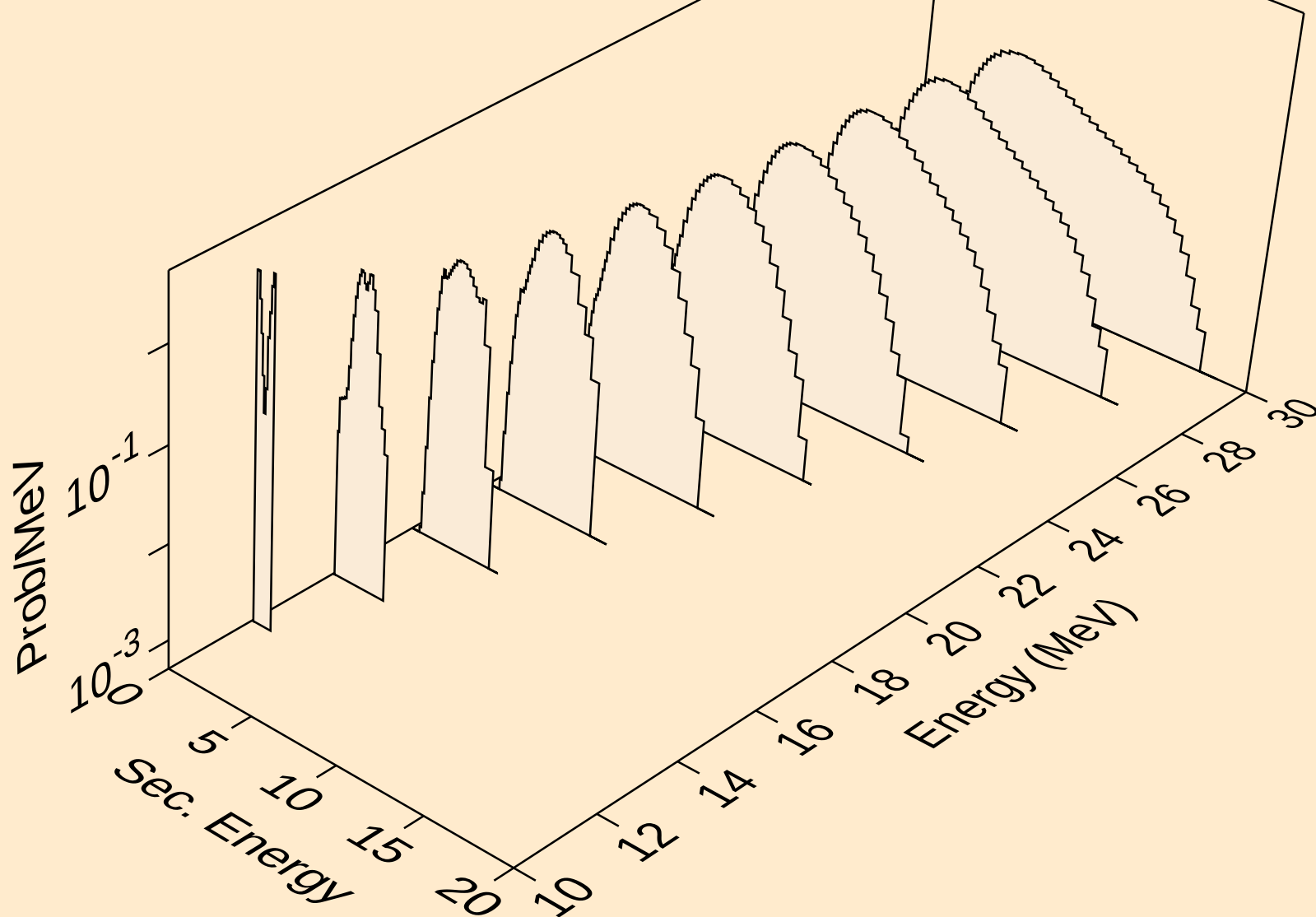
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,npa)



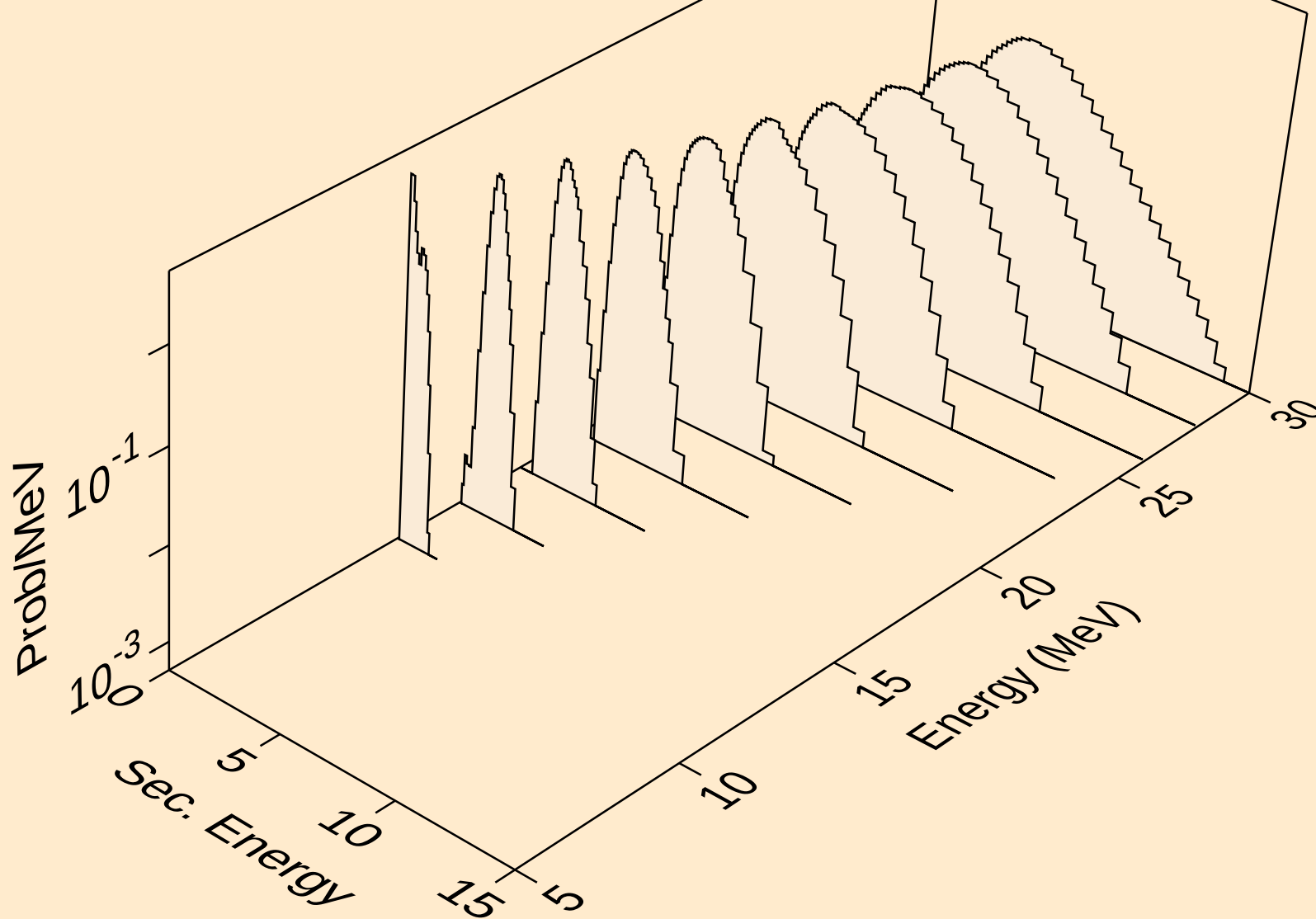
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for inelastic



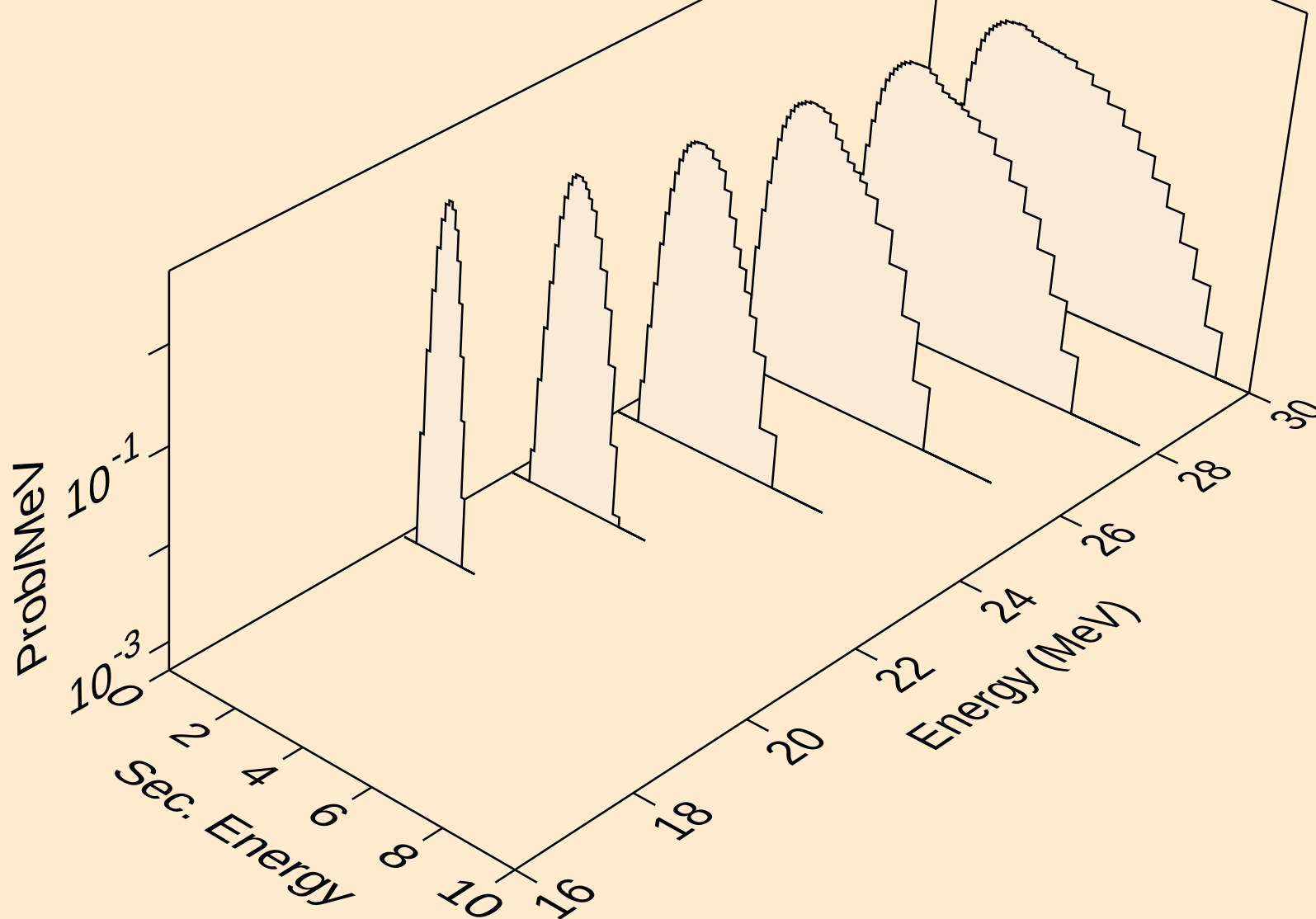
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Proton emission for (p,2p)



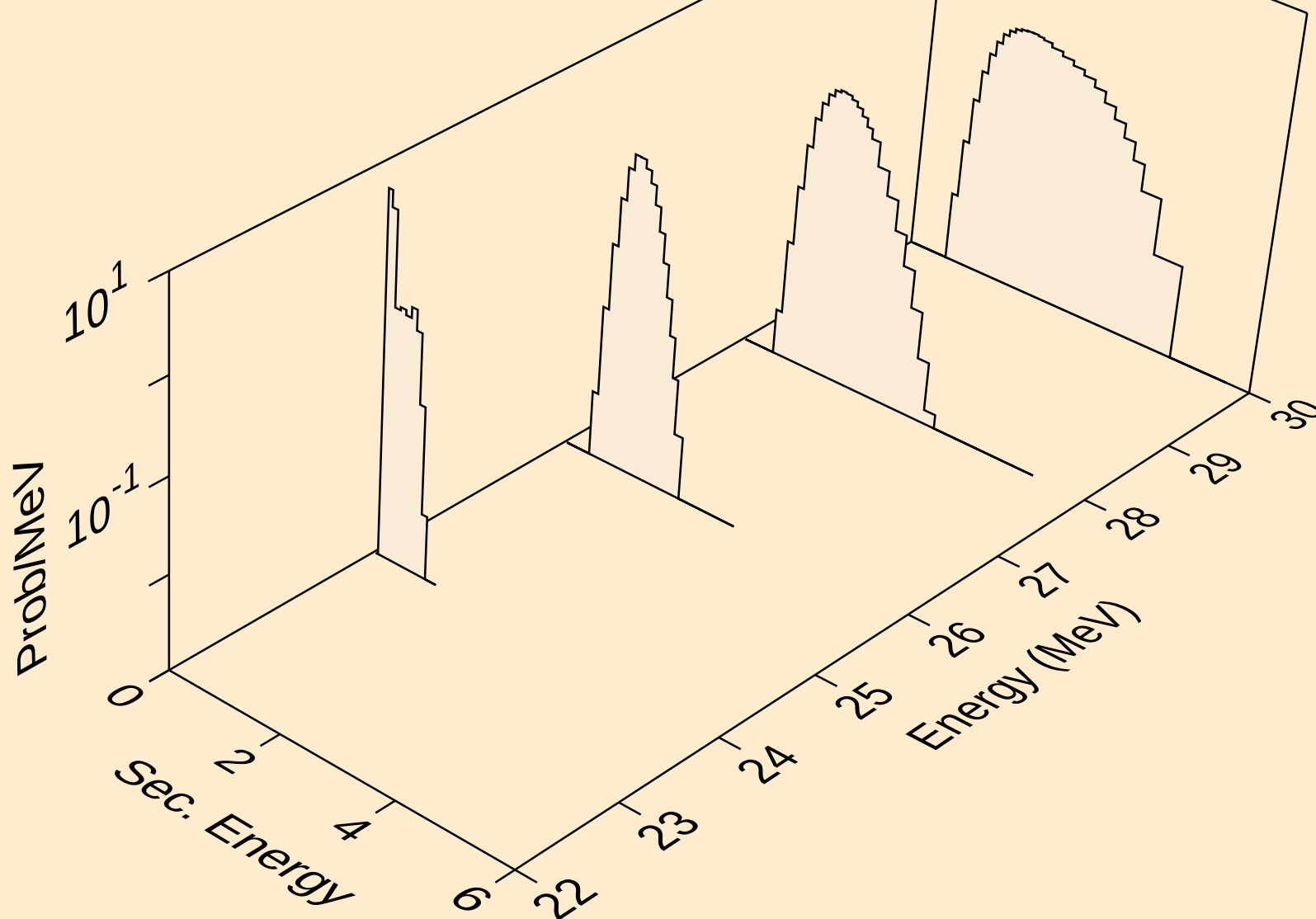
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pa)



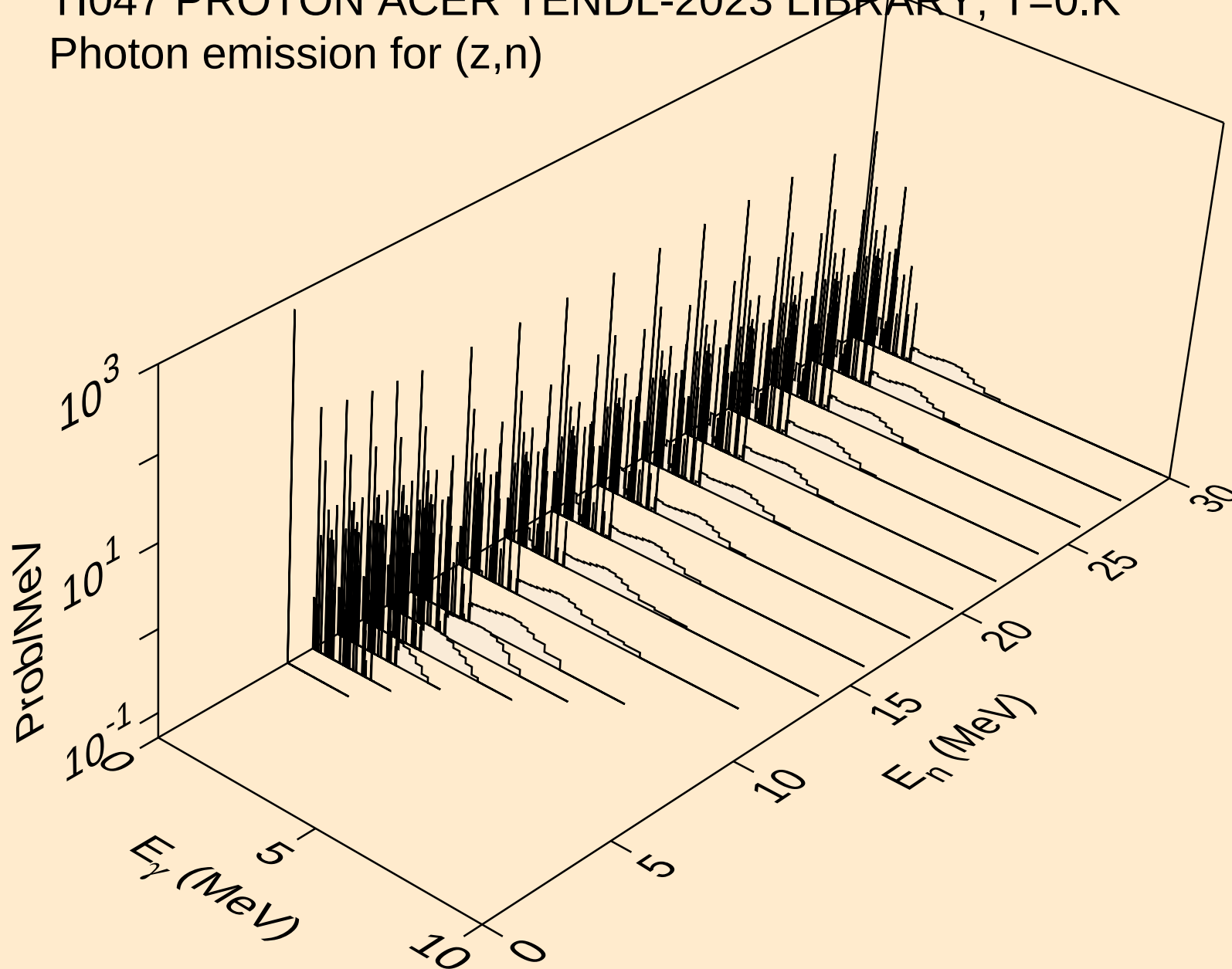
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pd)



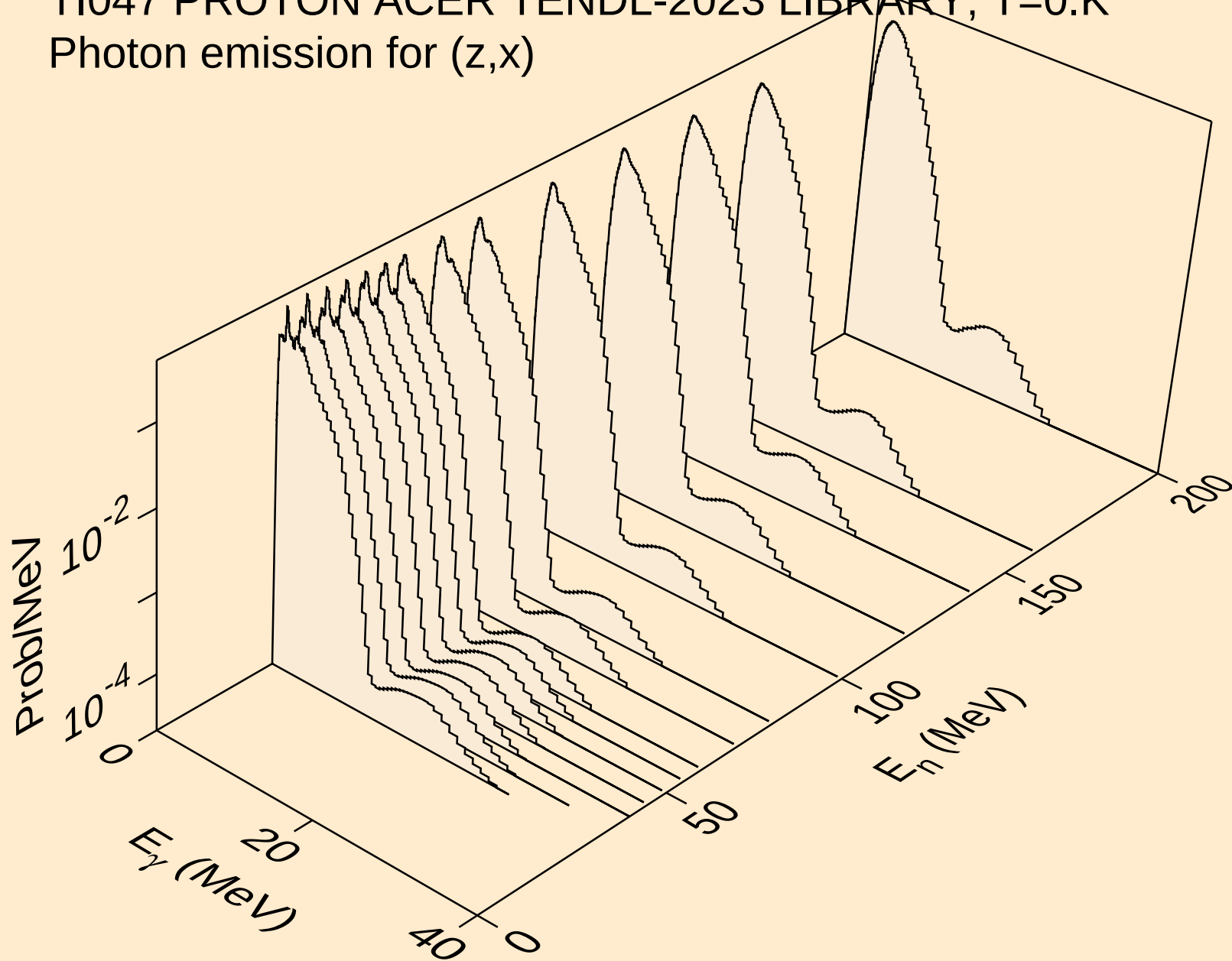
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pt)



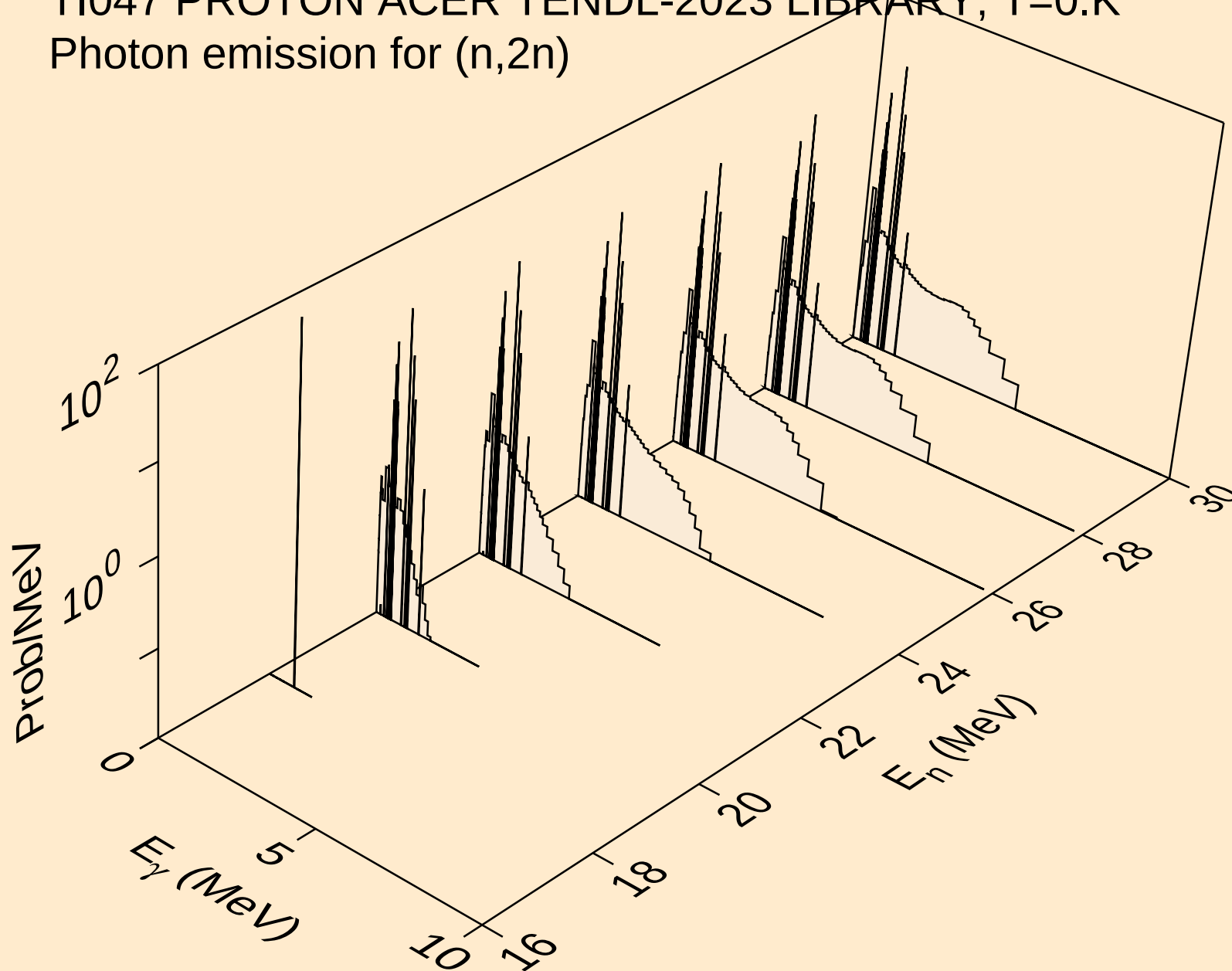
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)



TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,x)

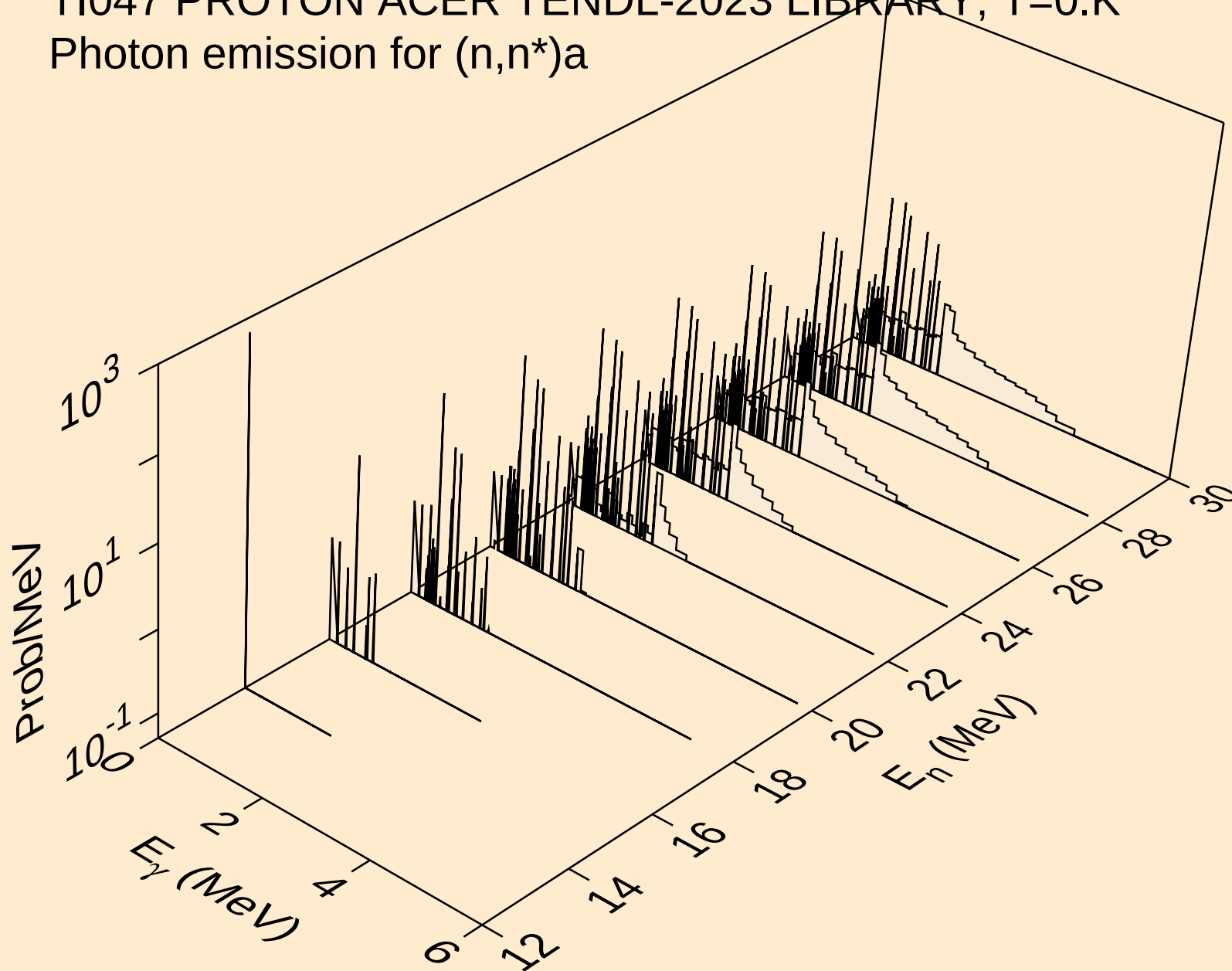


TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



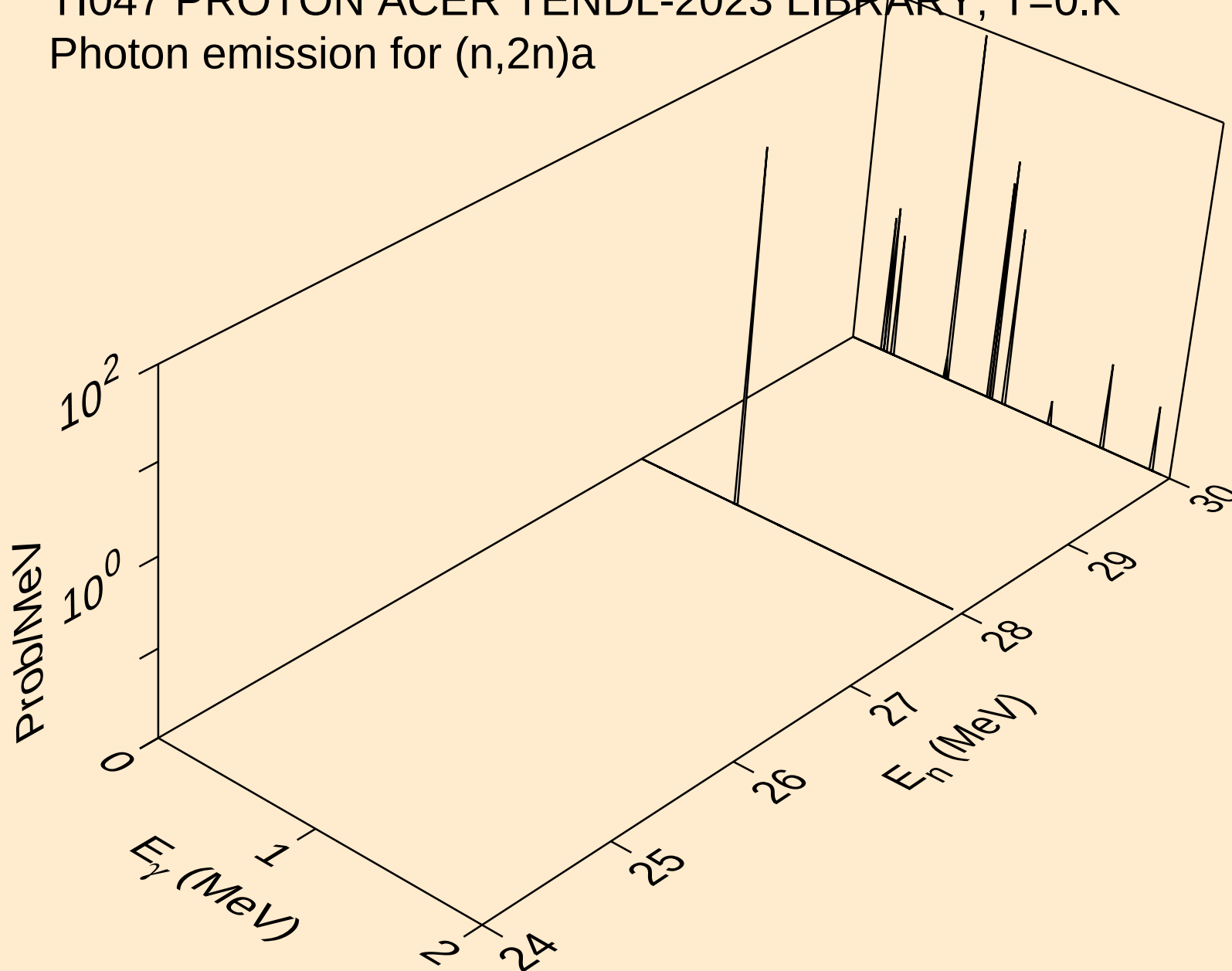
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a

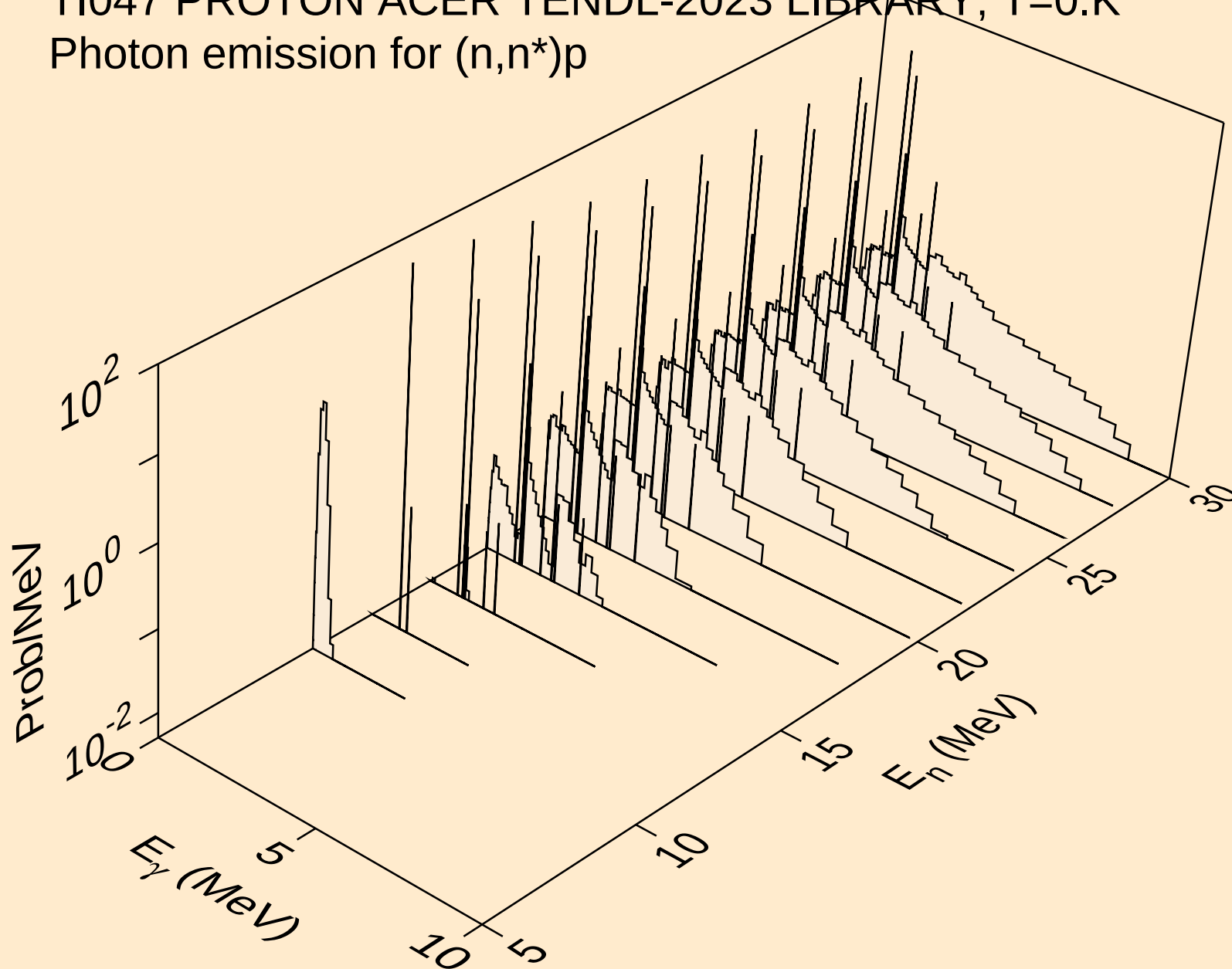


TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) α

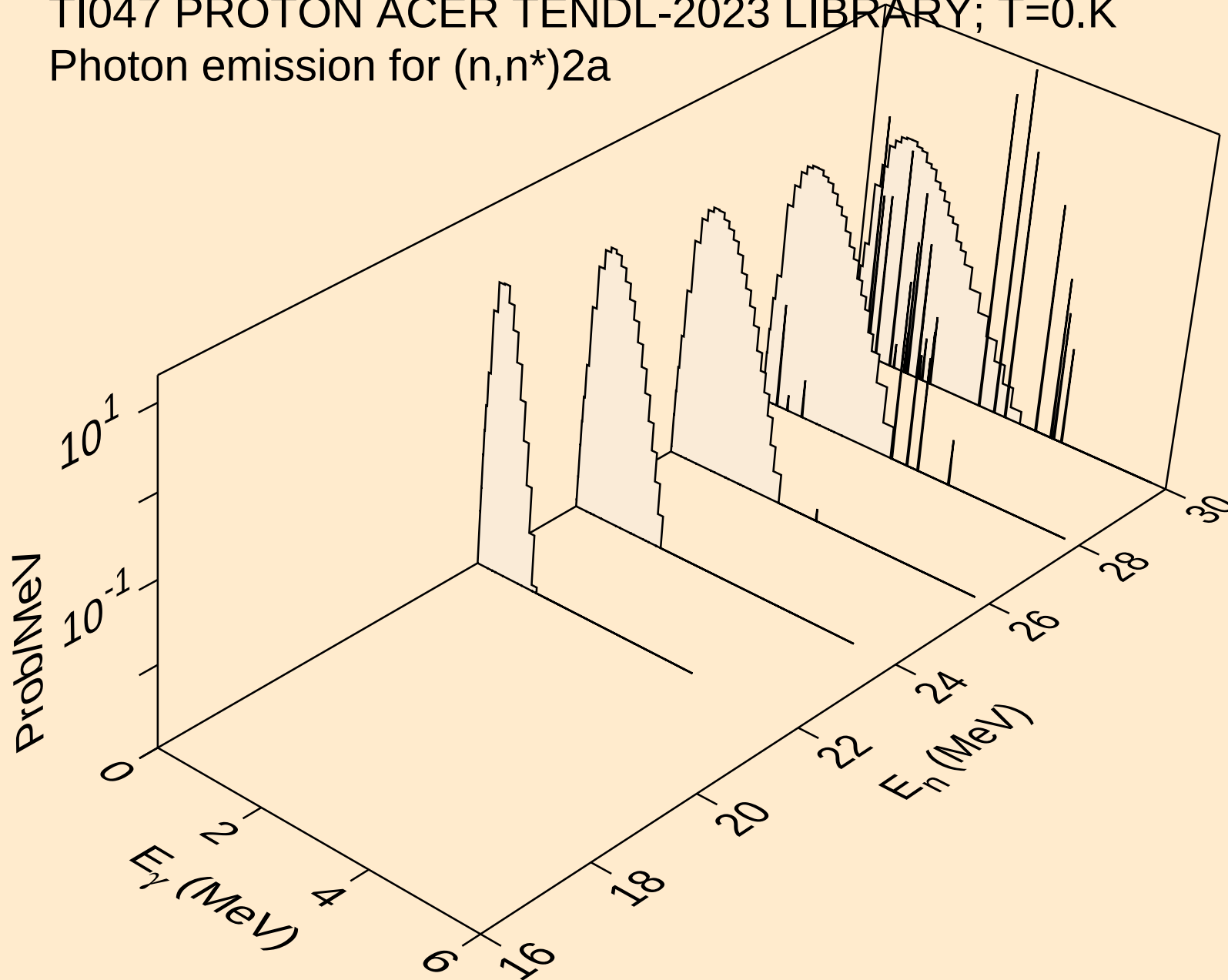


TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p

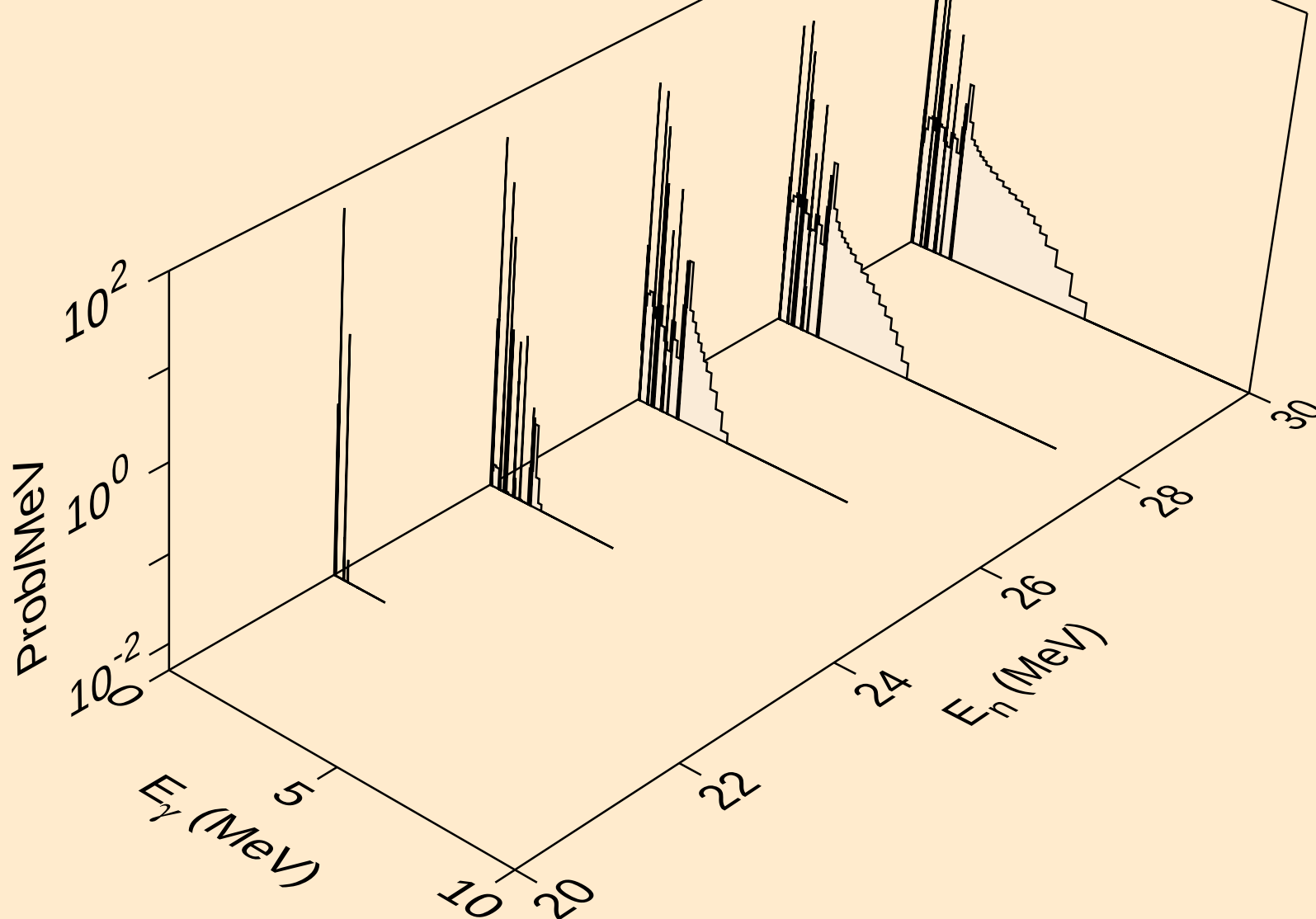


TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)2a

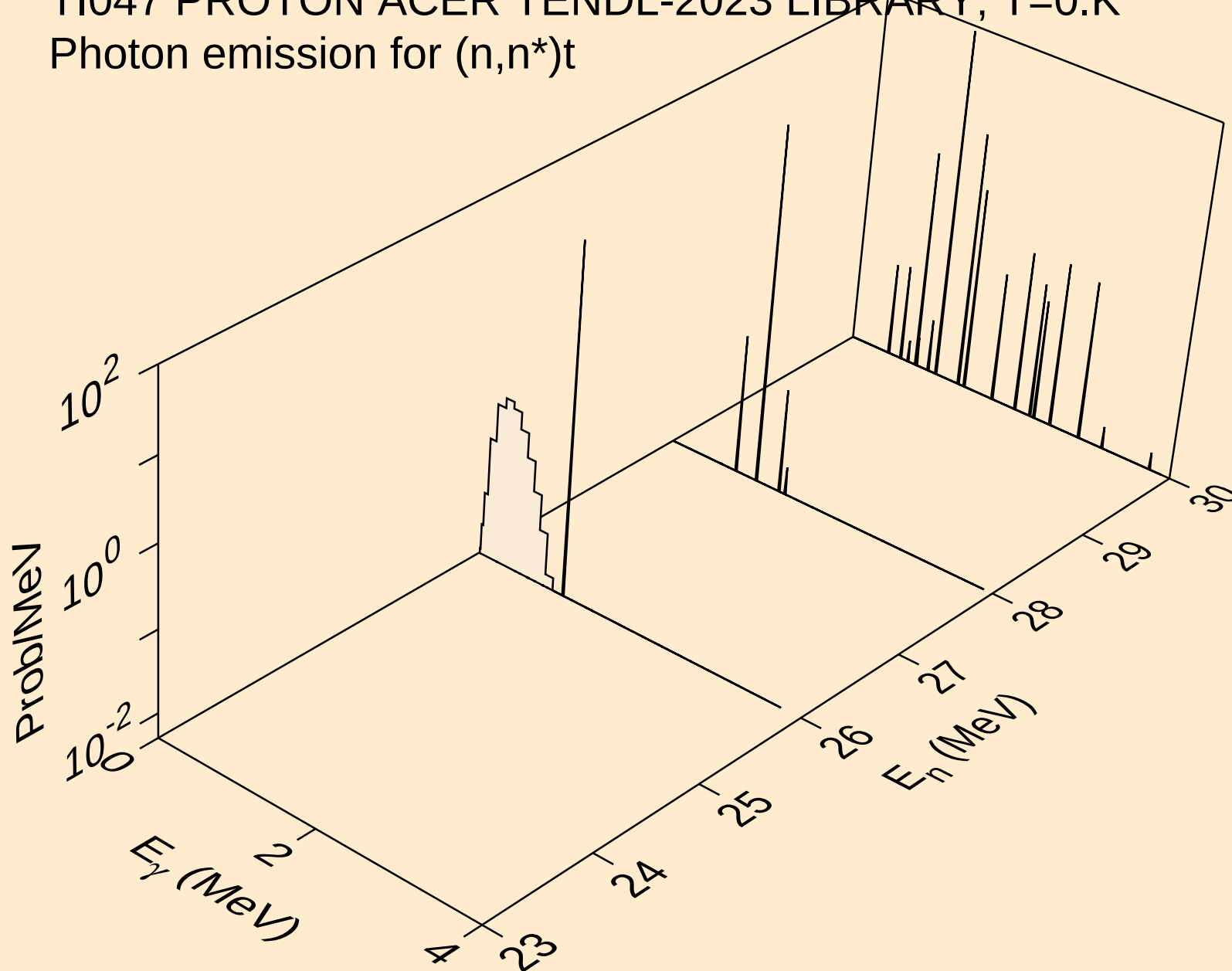


TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d

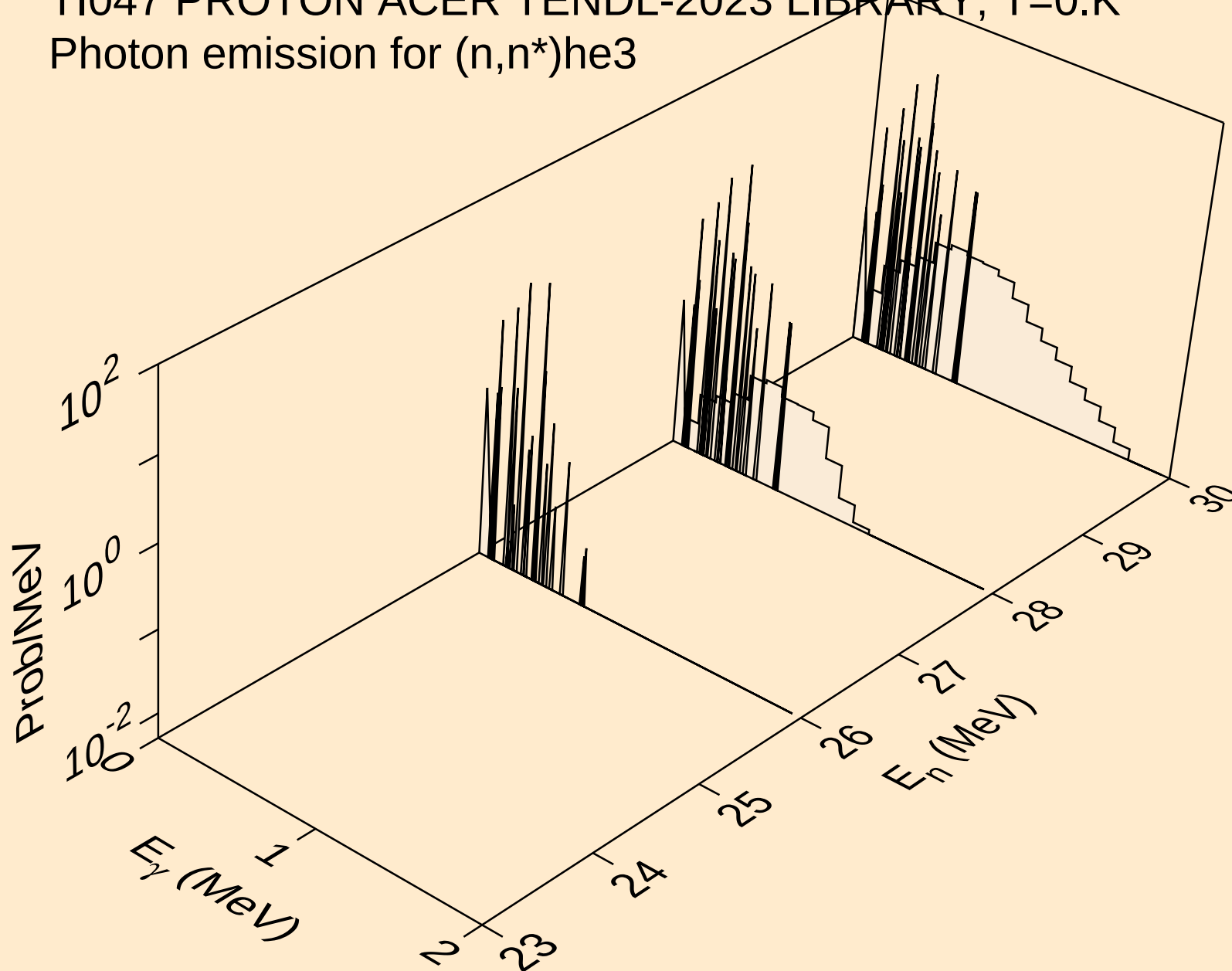


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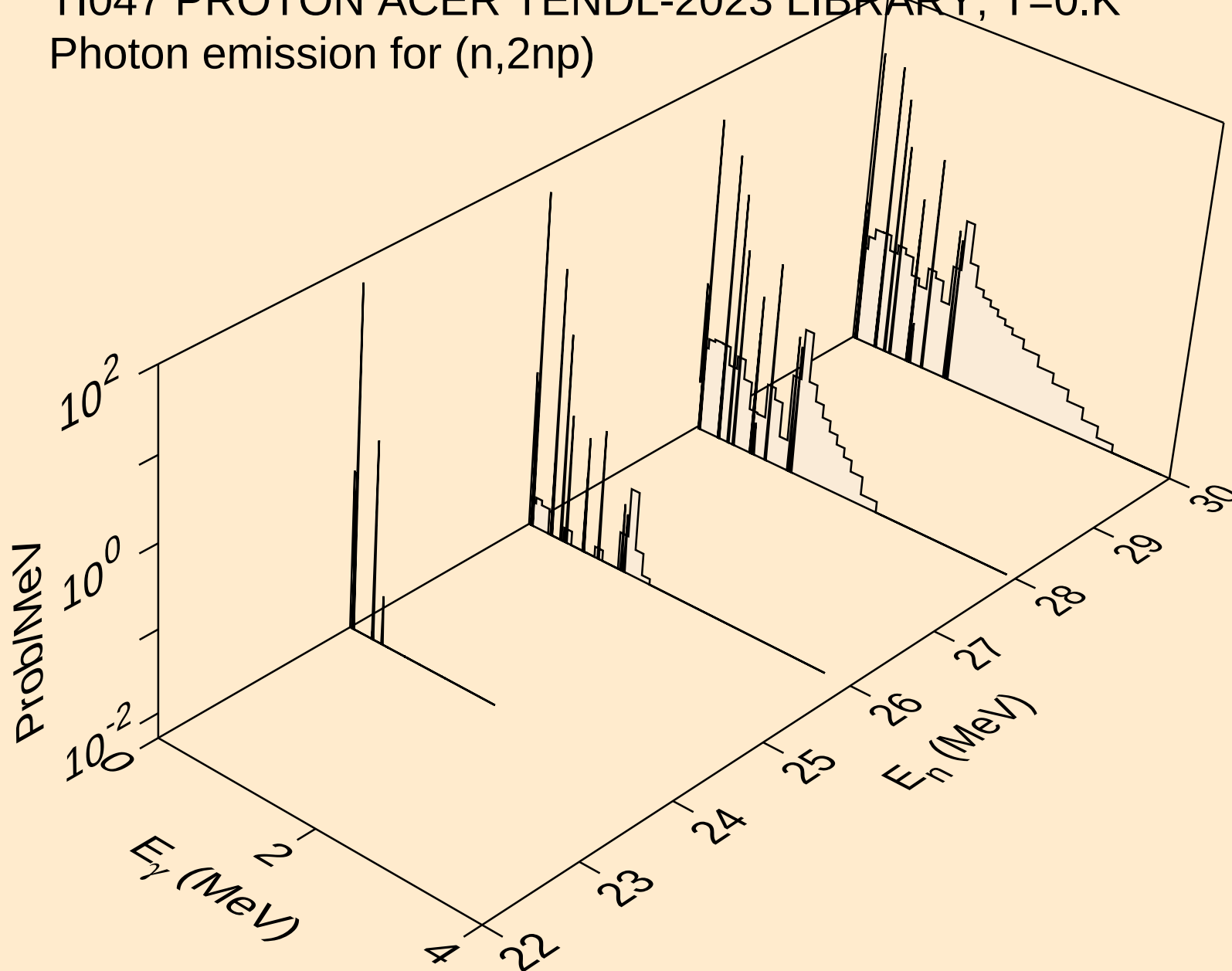
Photon emission for (n,n*)t



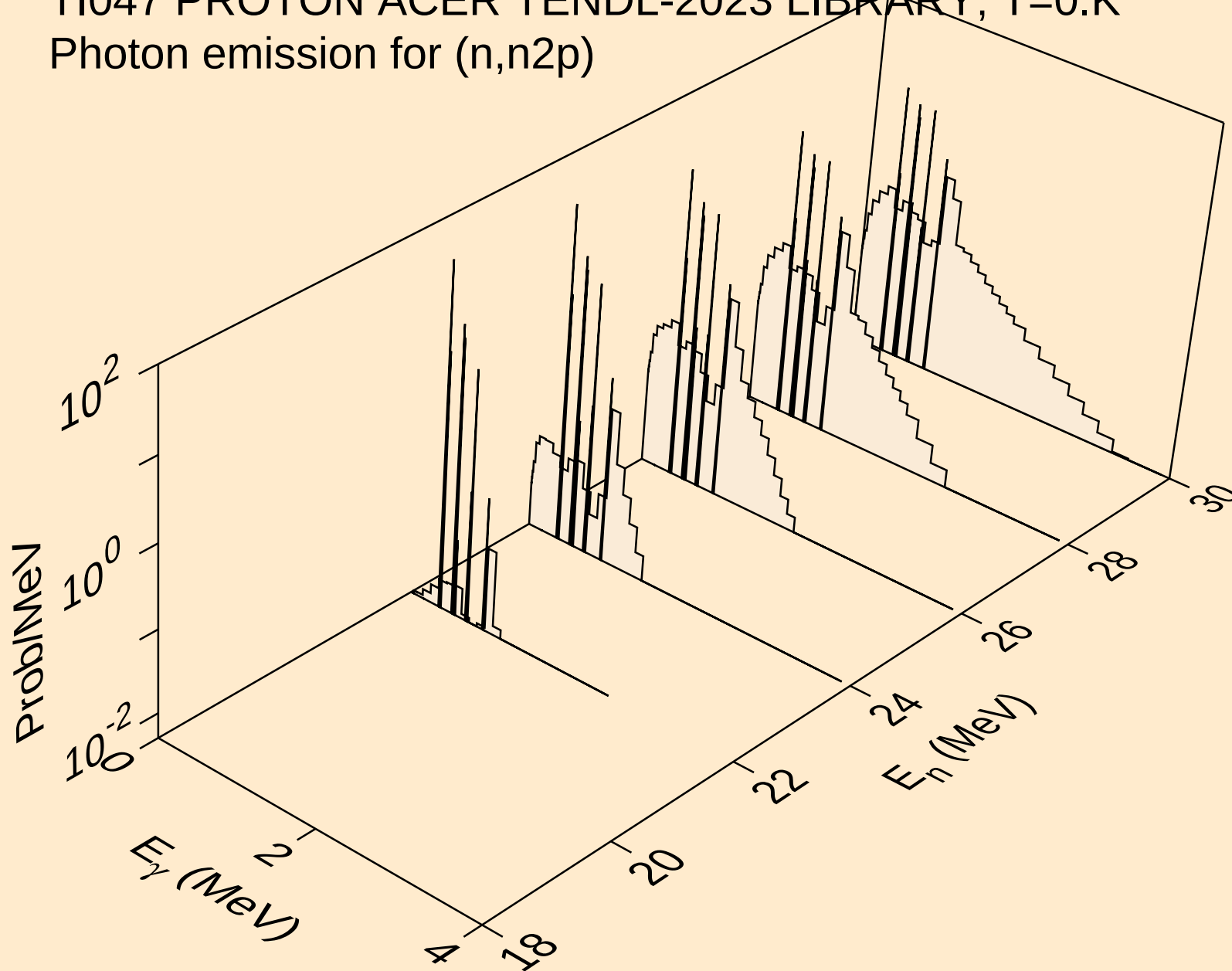
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



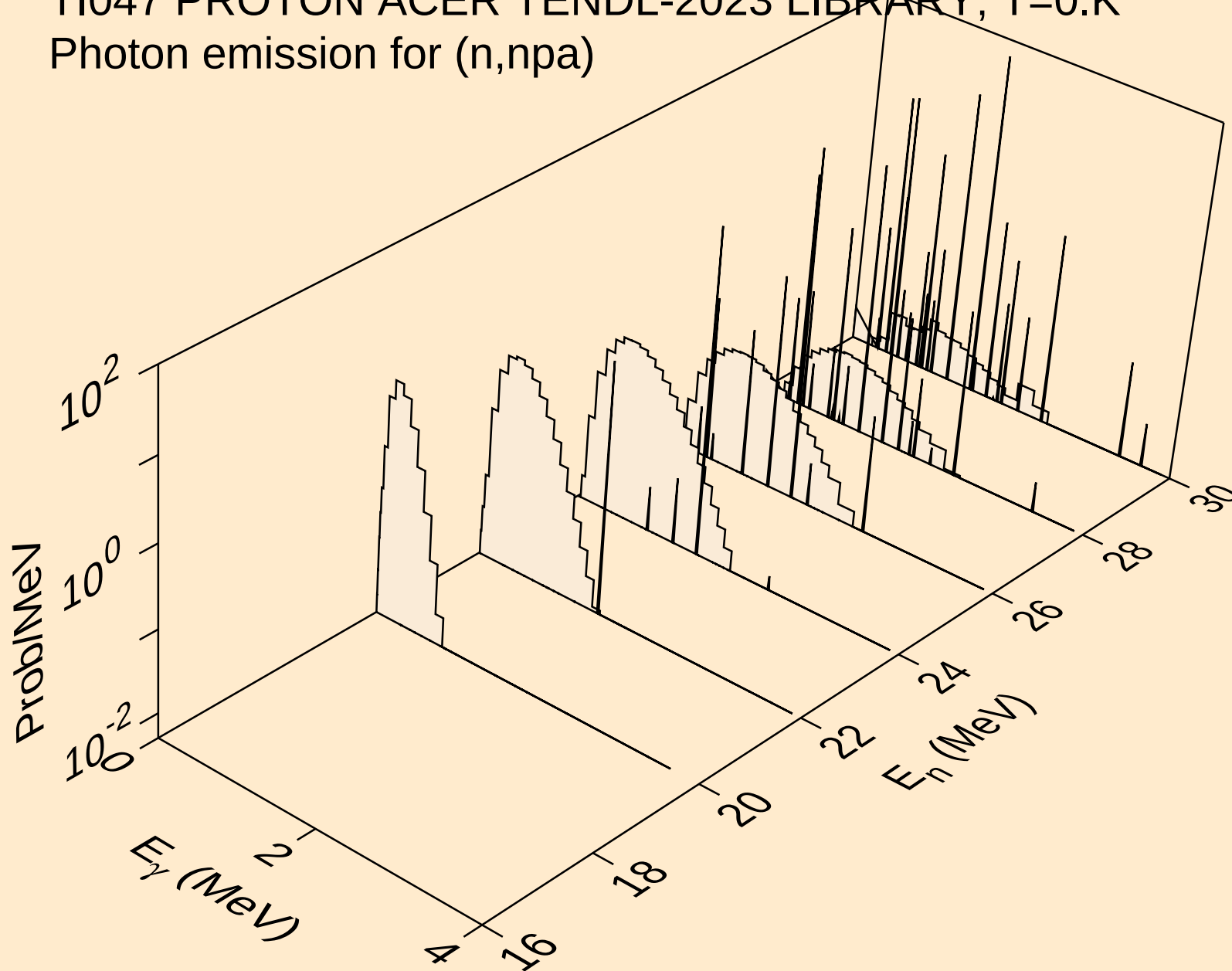
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Photon emission for (n,2np)



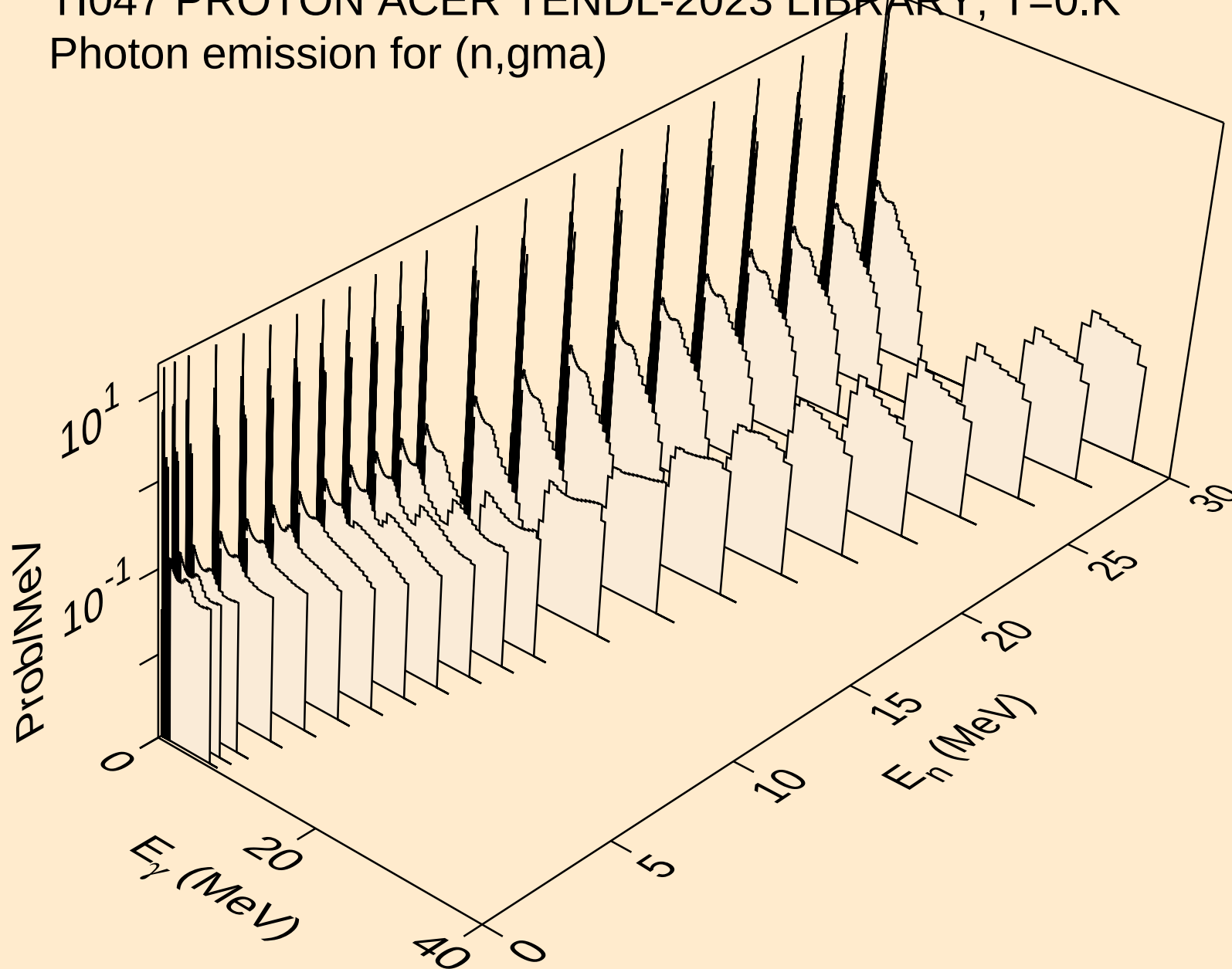
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Photon emission for (n,n2p)



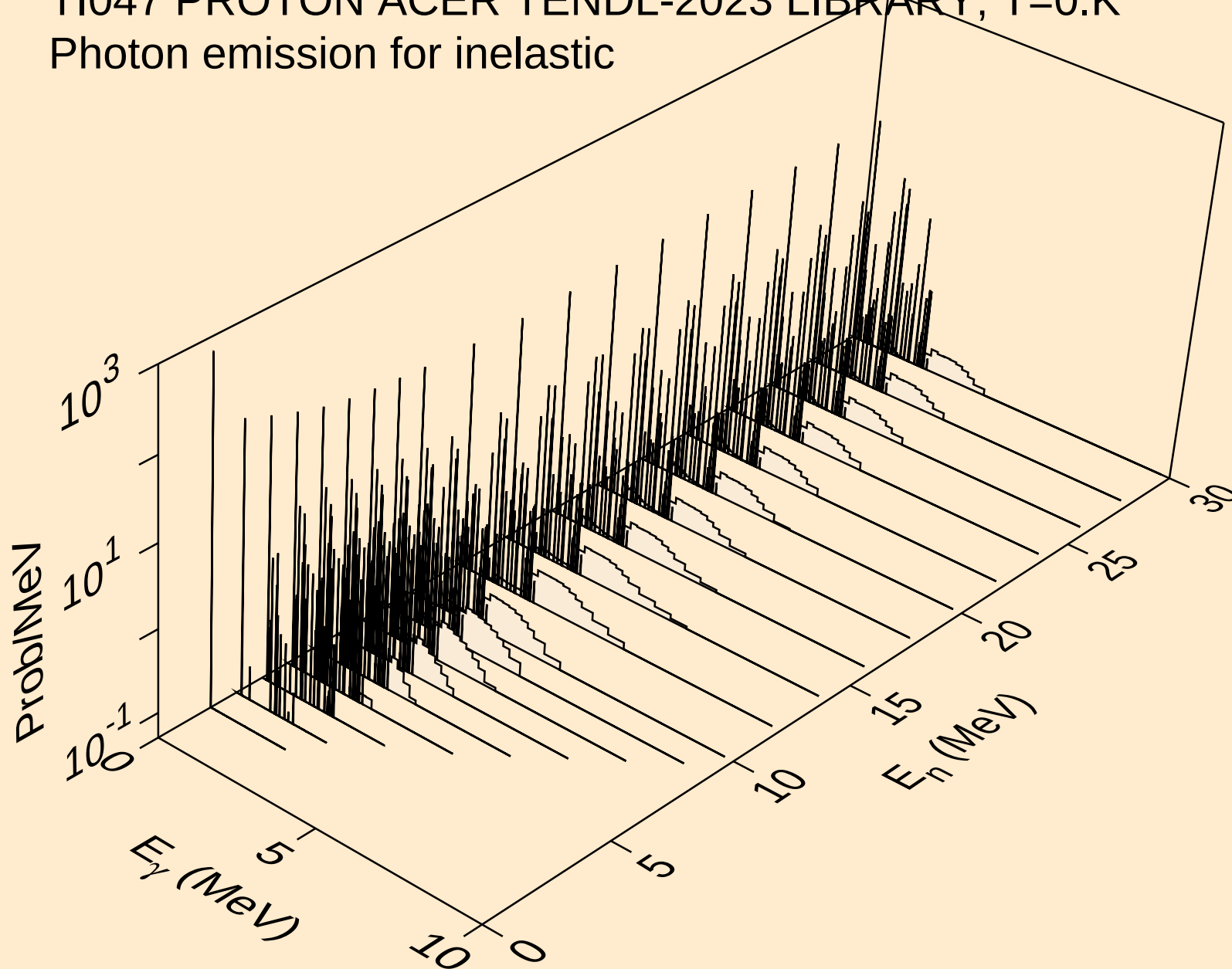
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Photon emission for (n,npa)



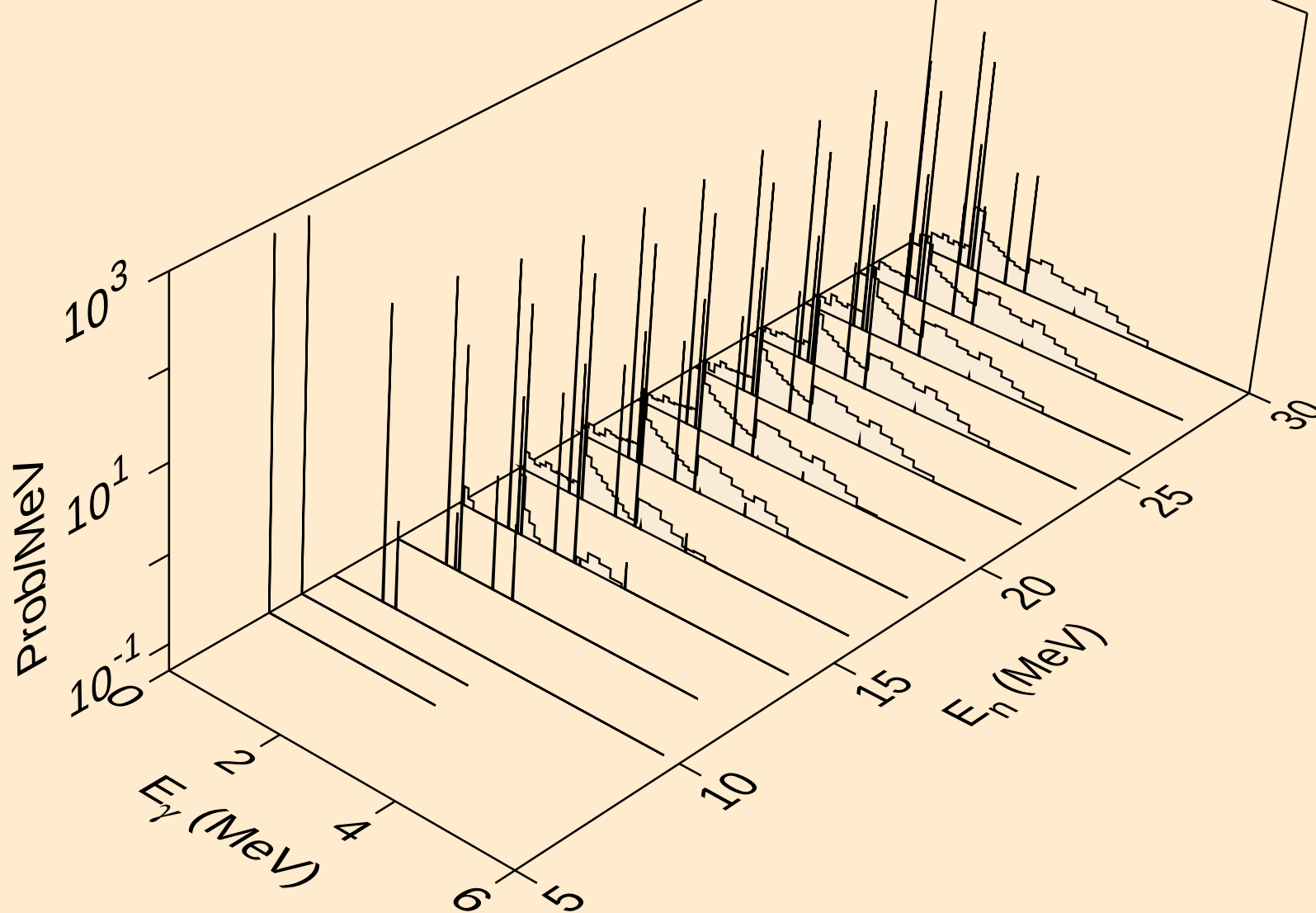
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



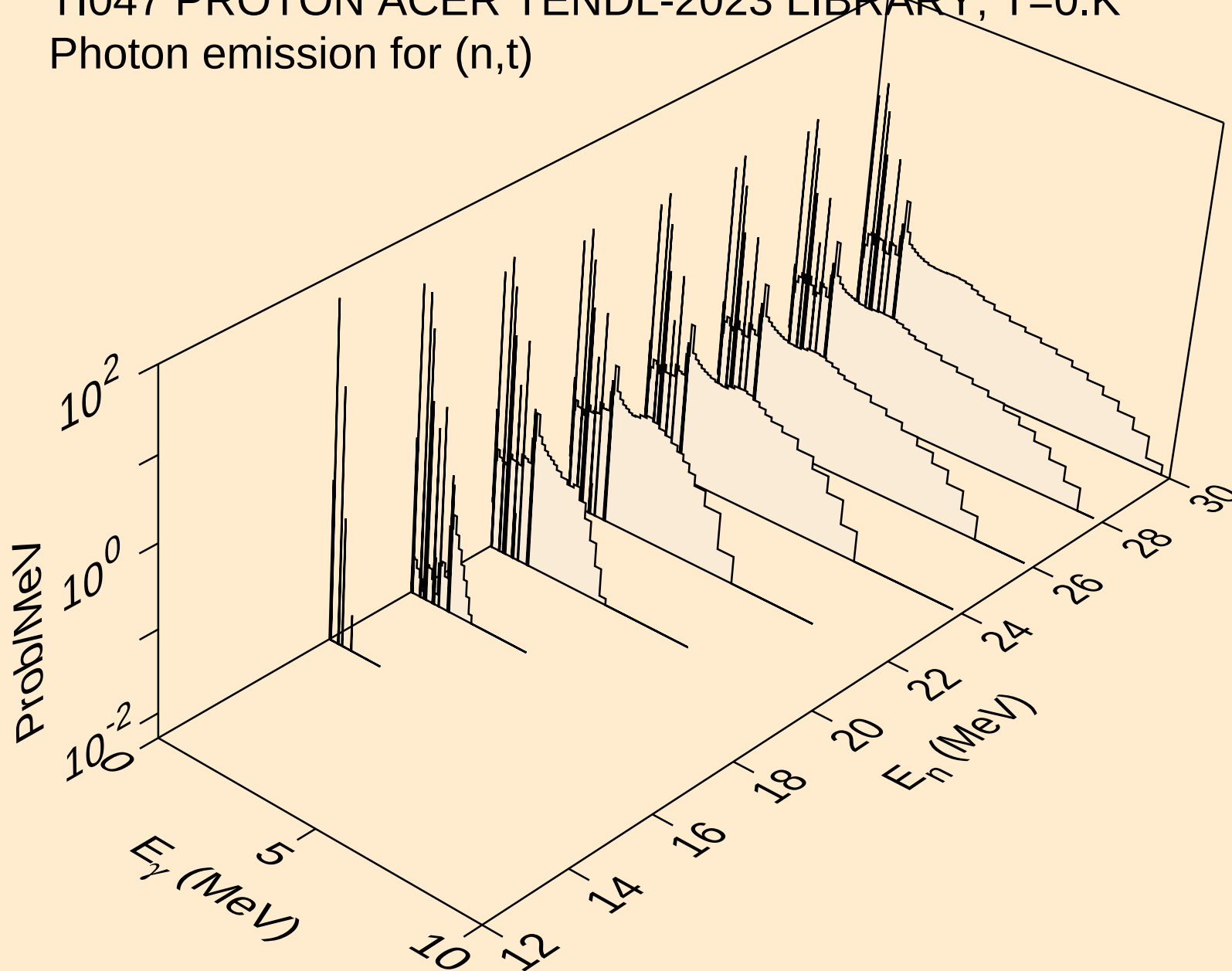
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



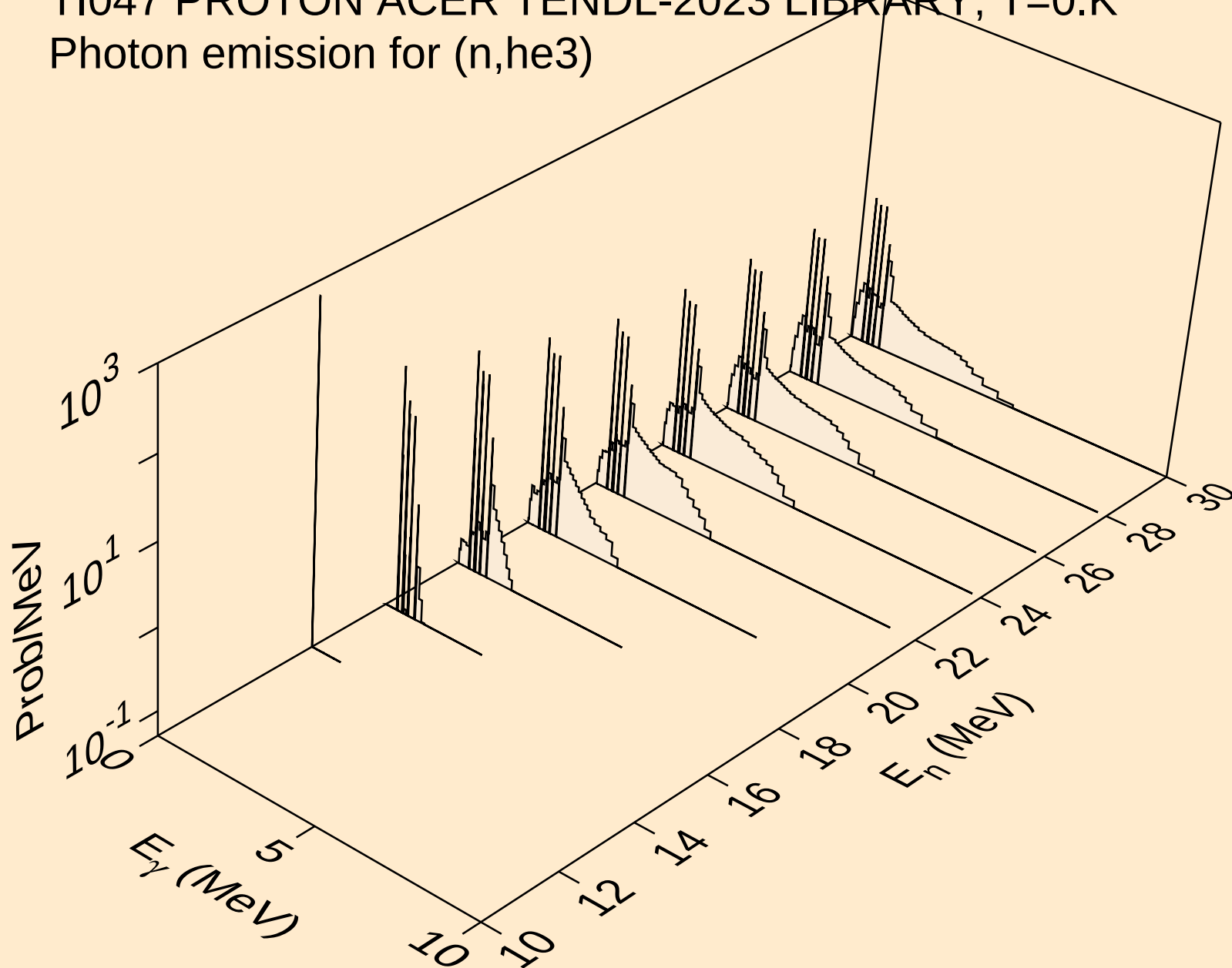
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



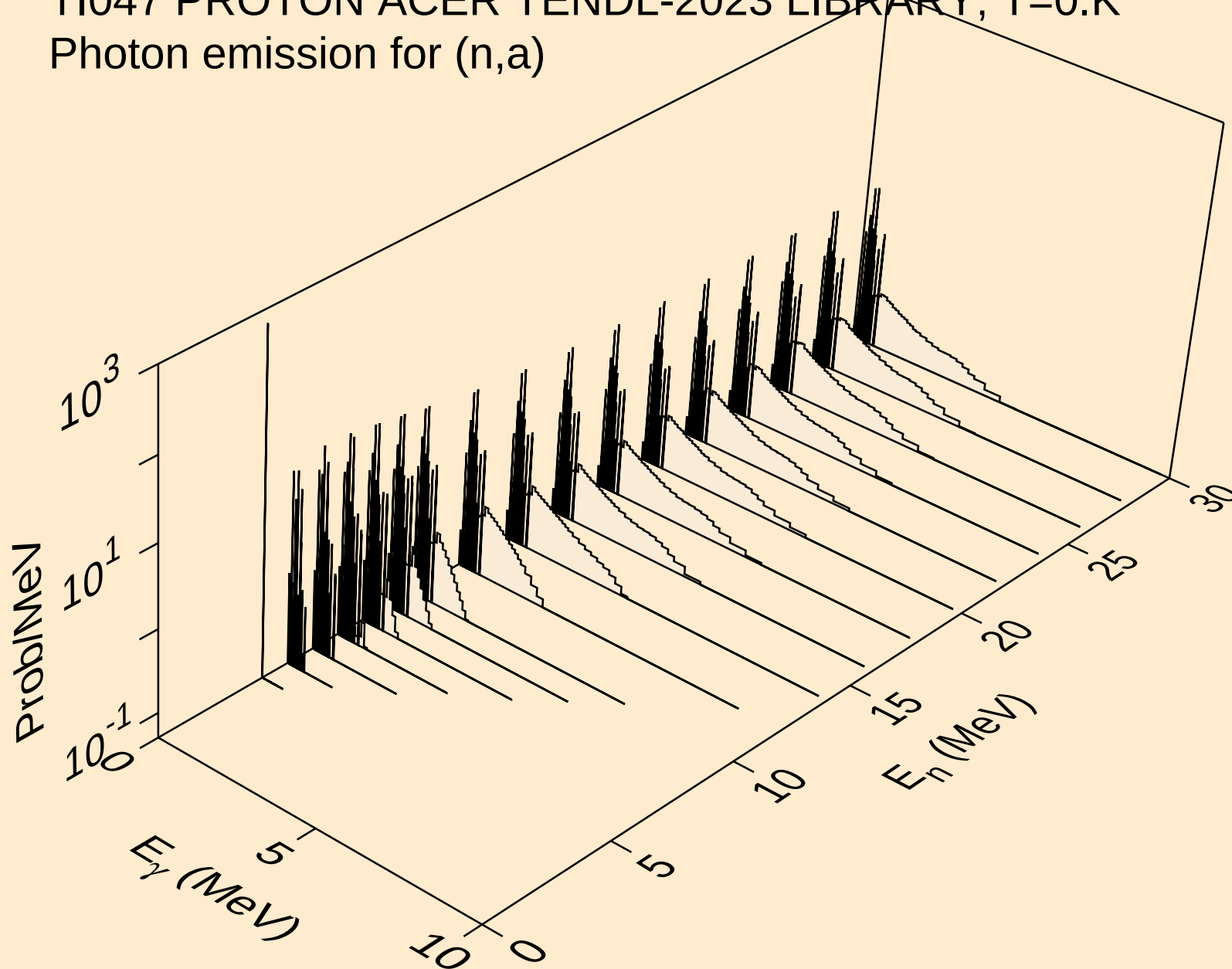
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



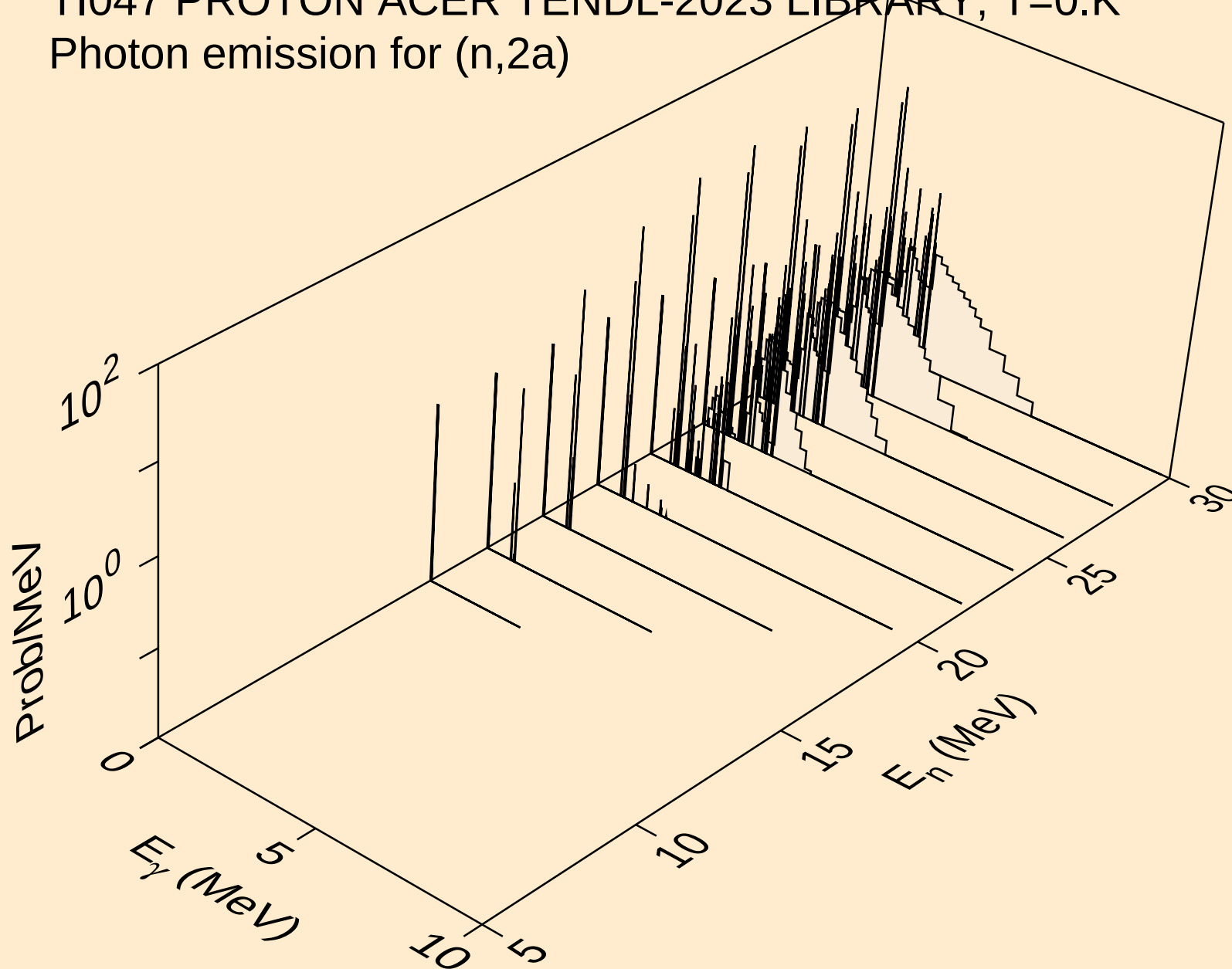
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Photon emission for (n,he3)



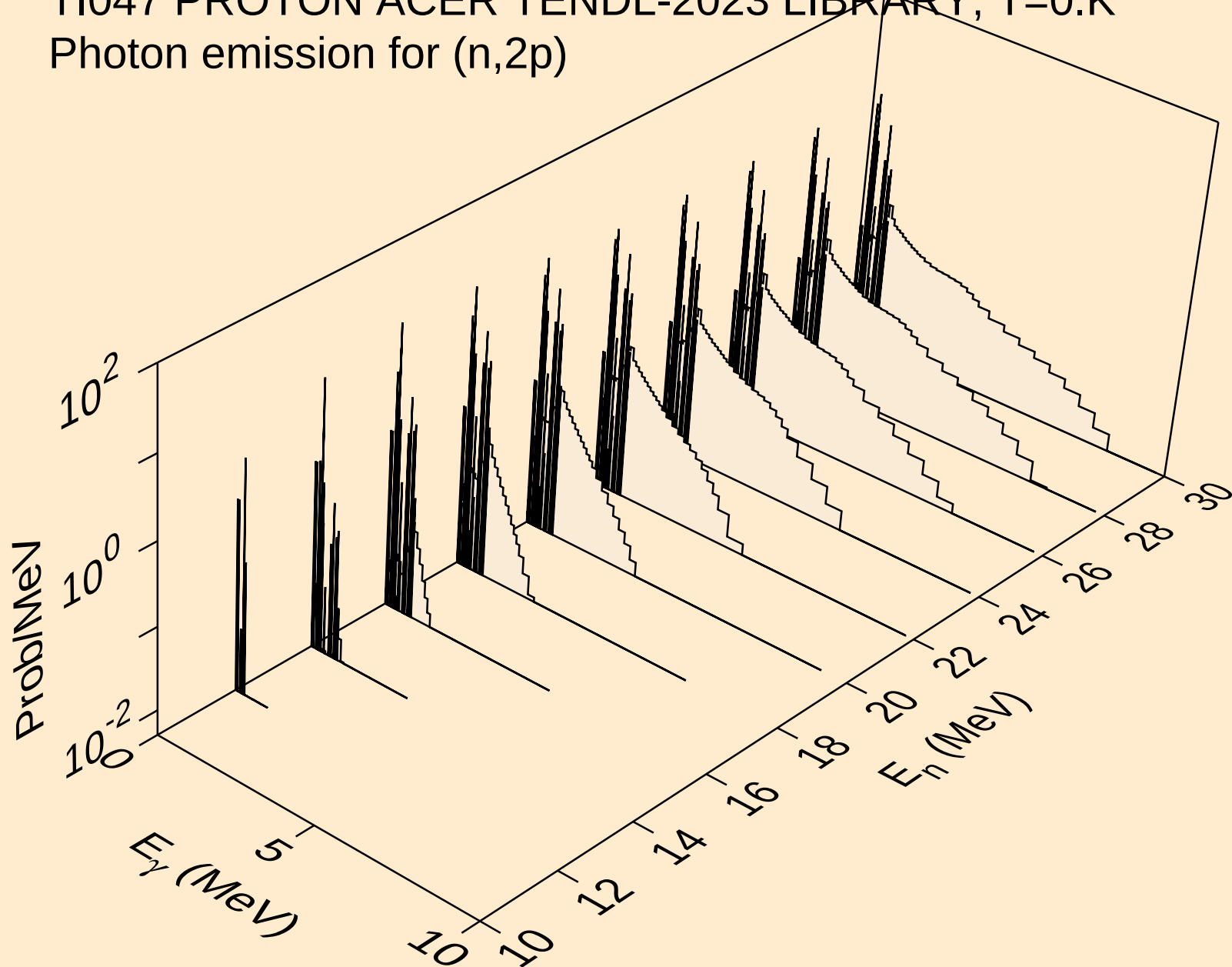
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



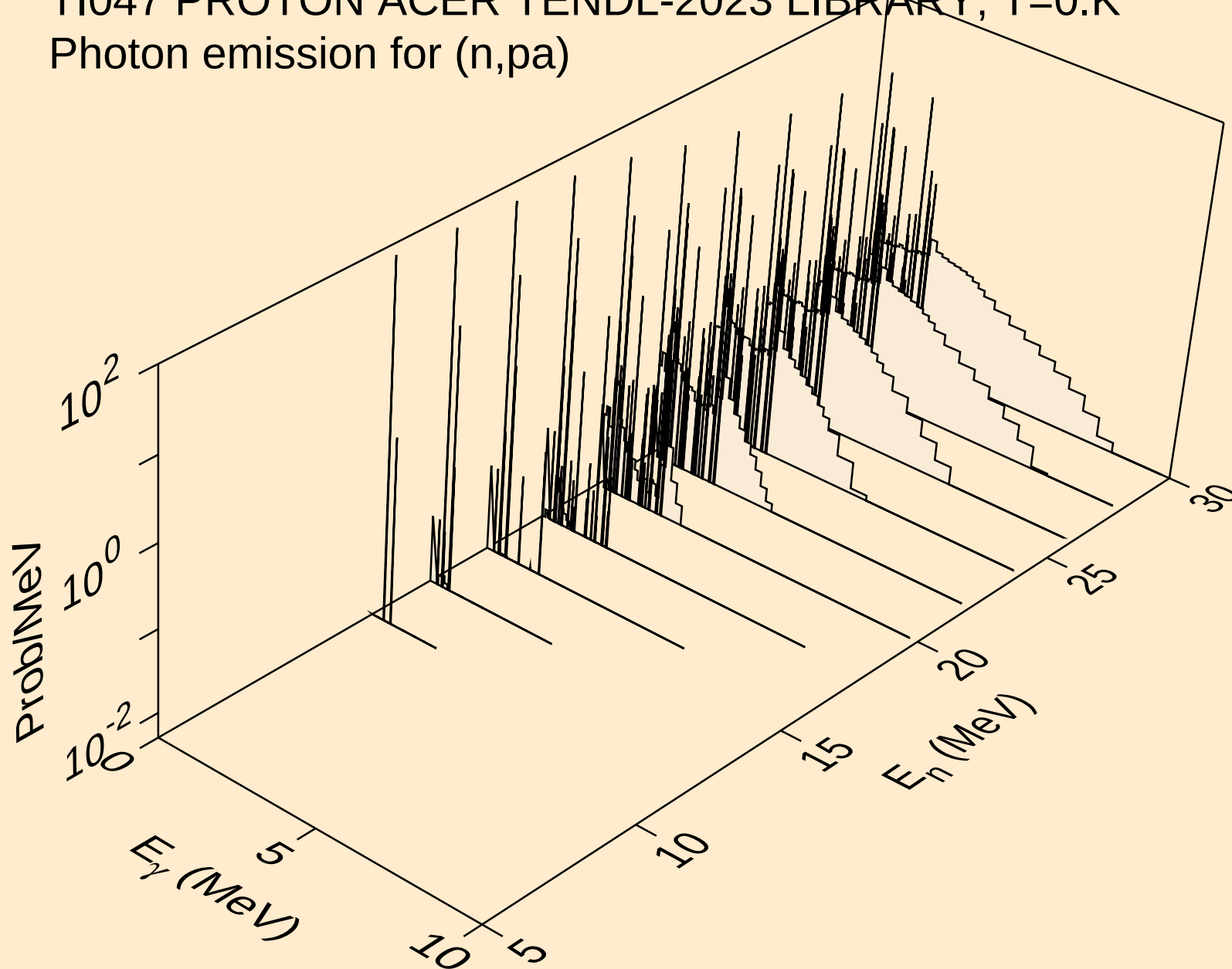
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



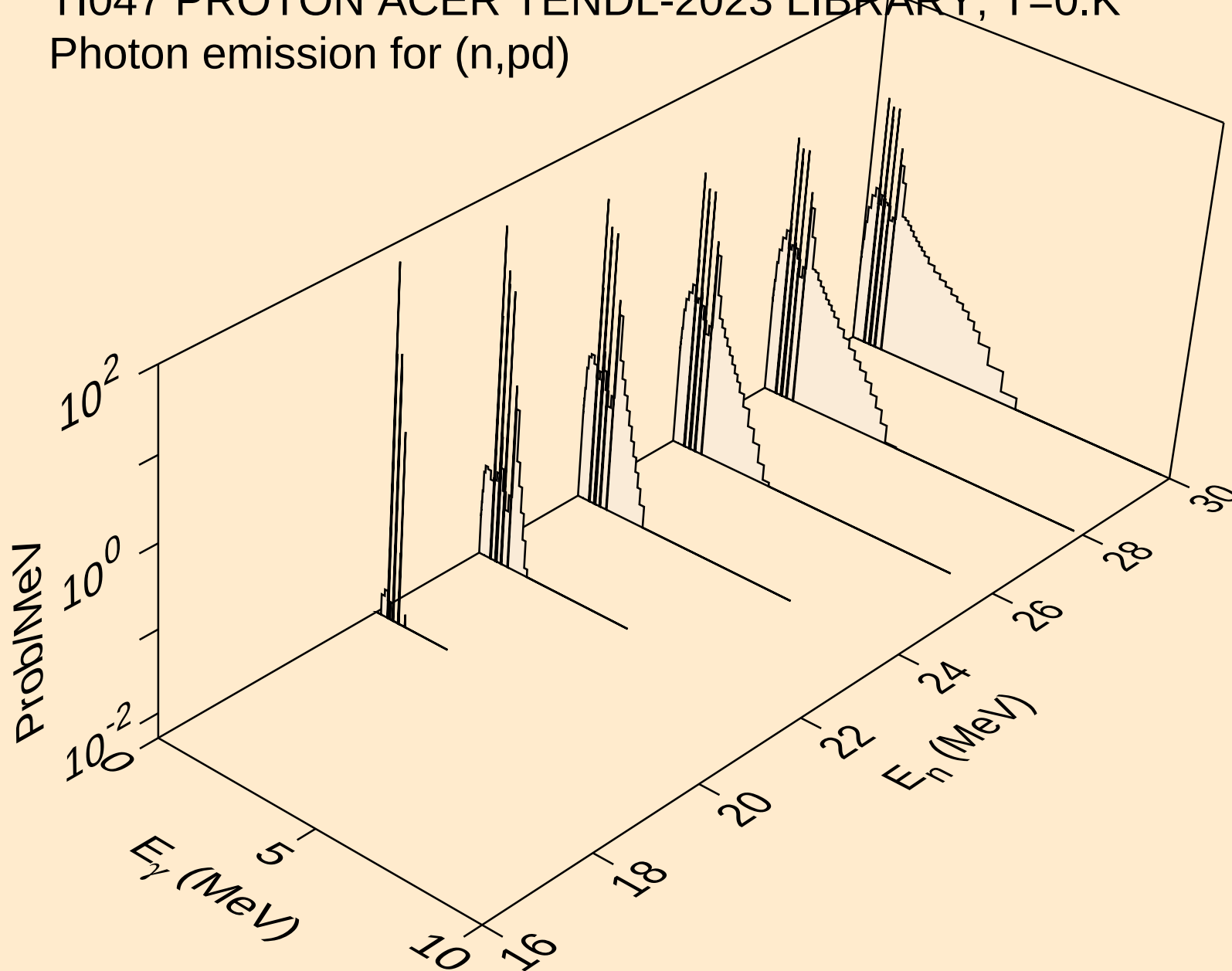
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



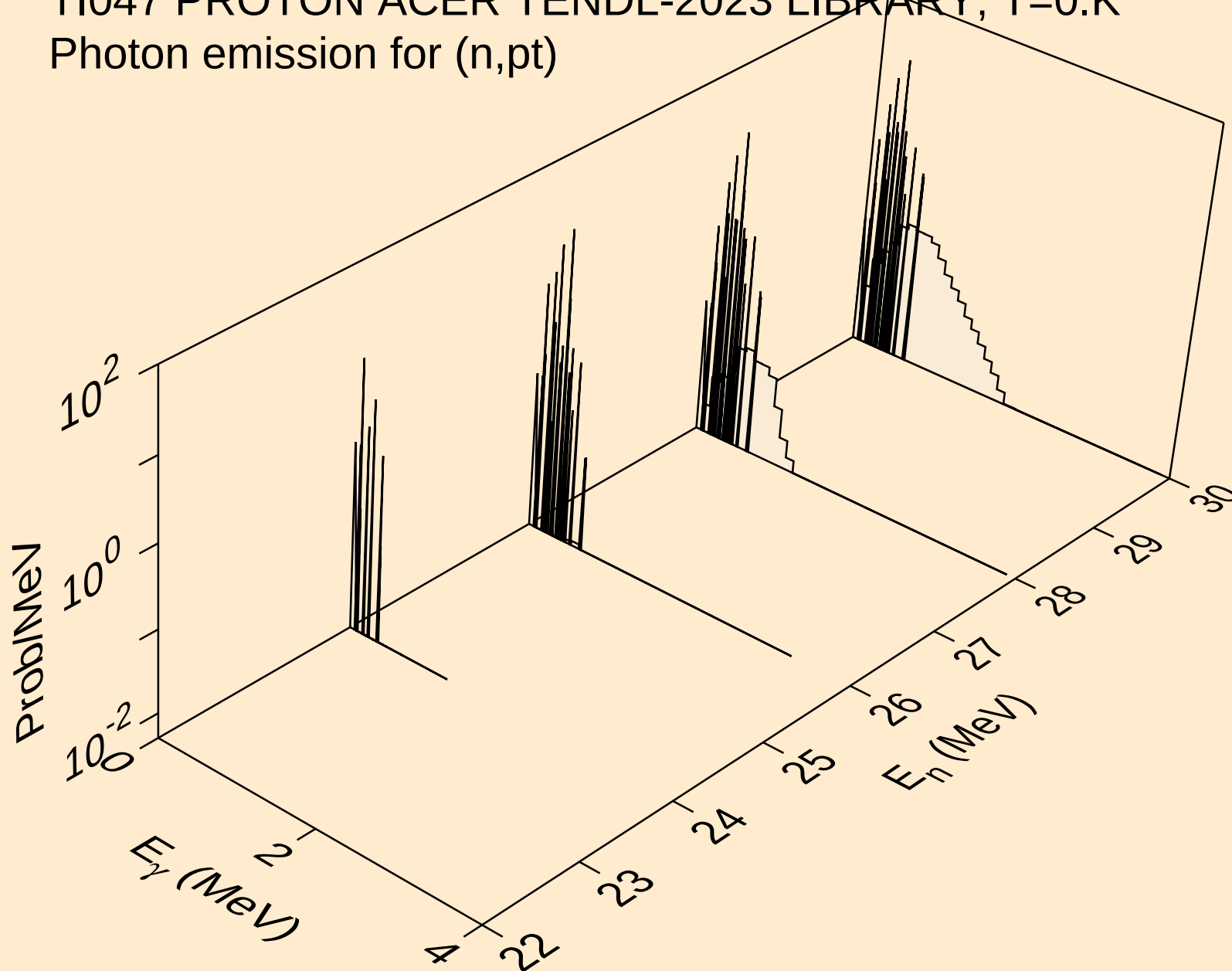
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p) α



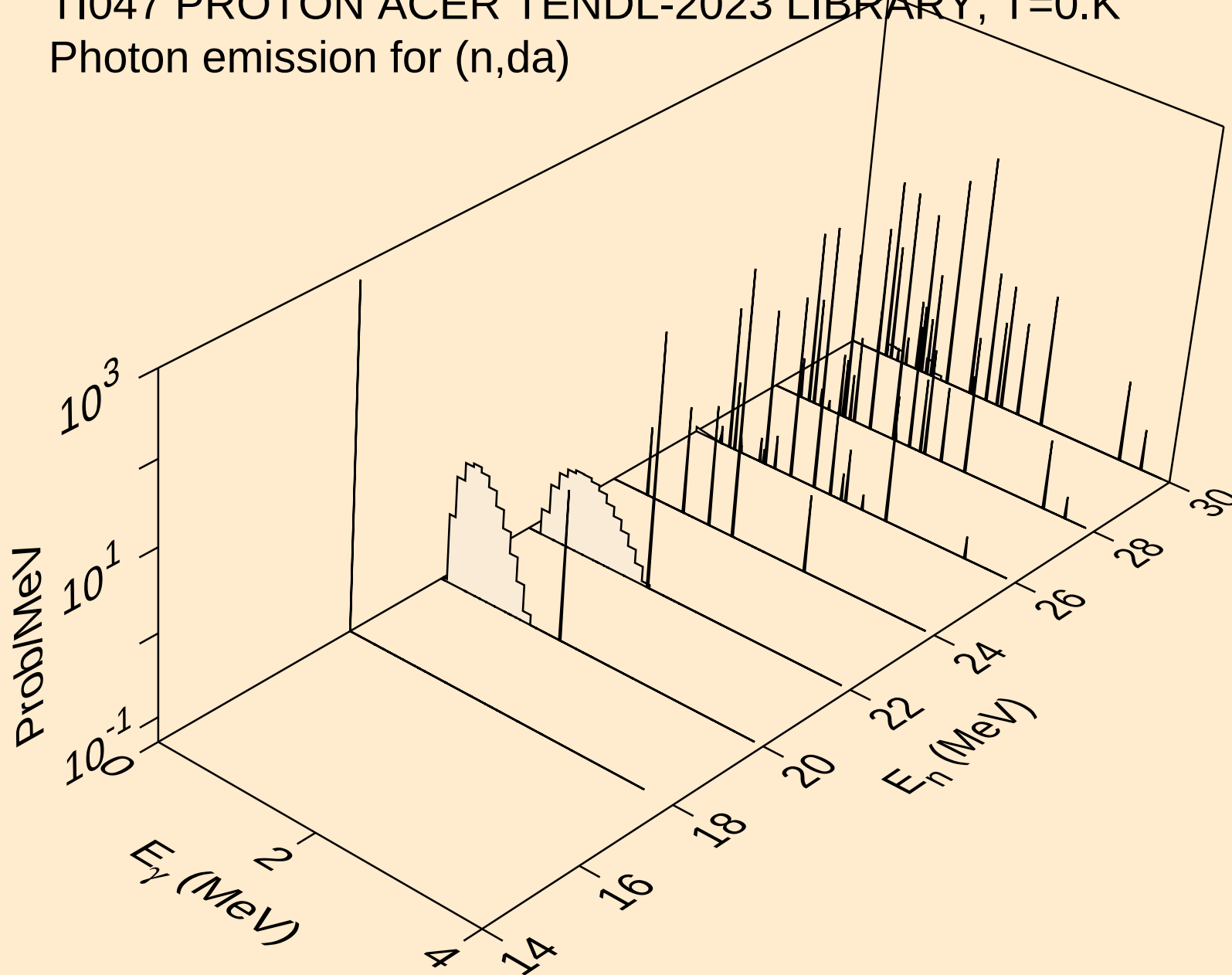
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)

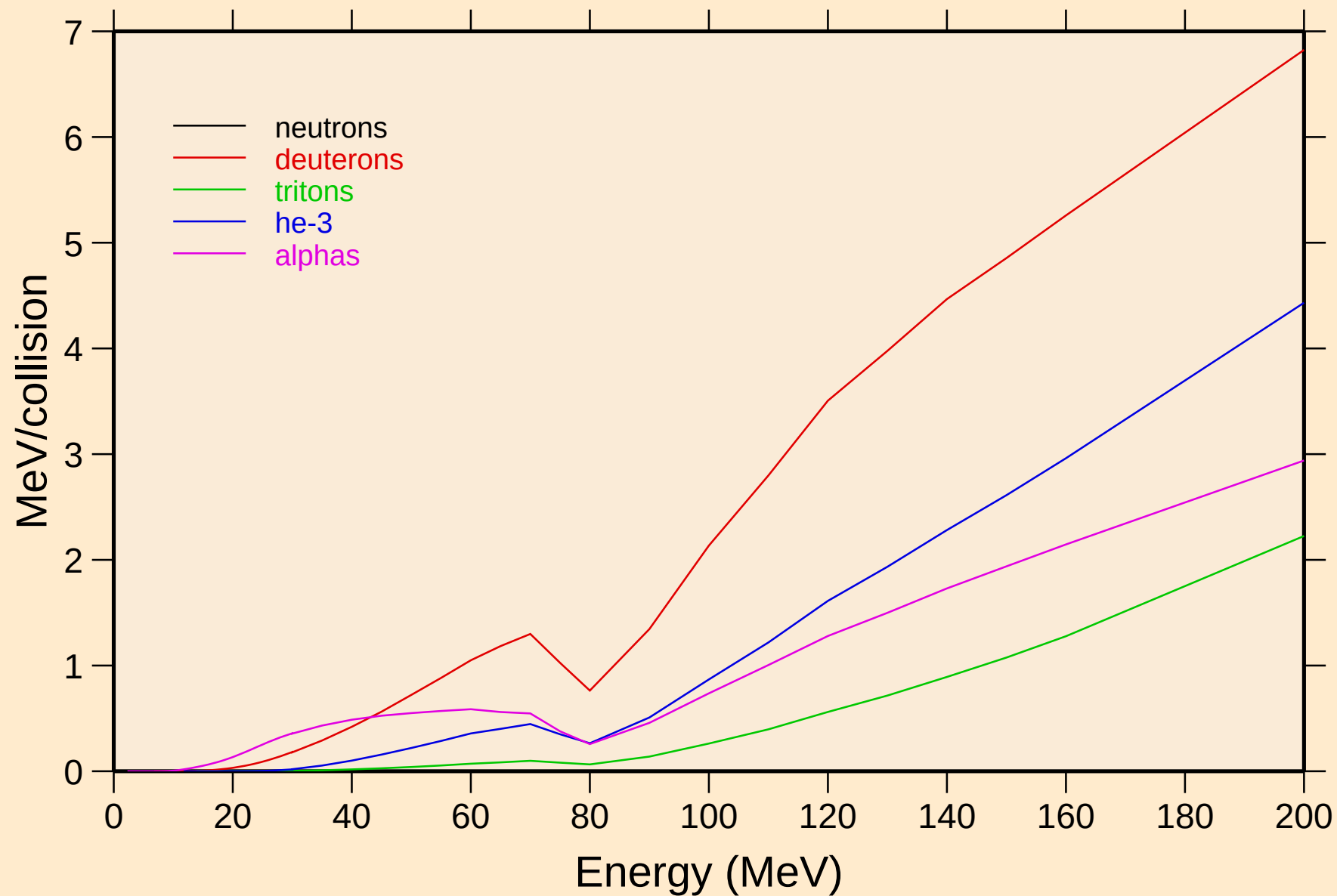


TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



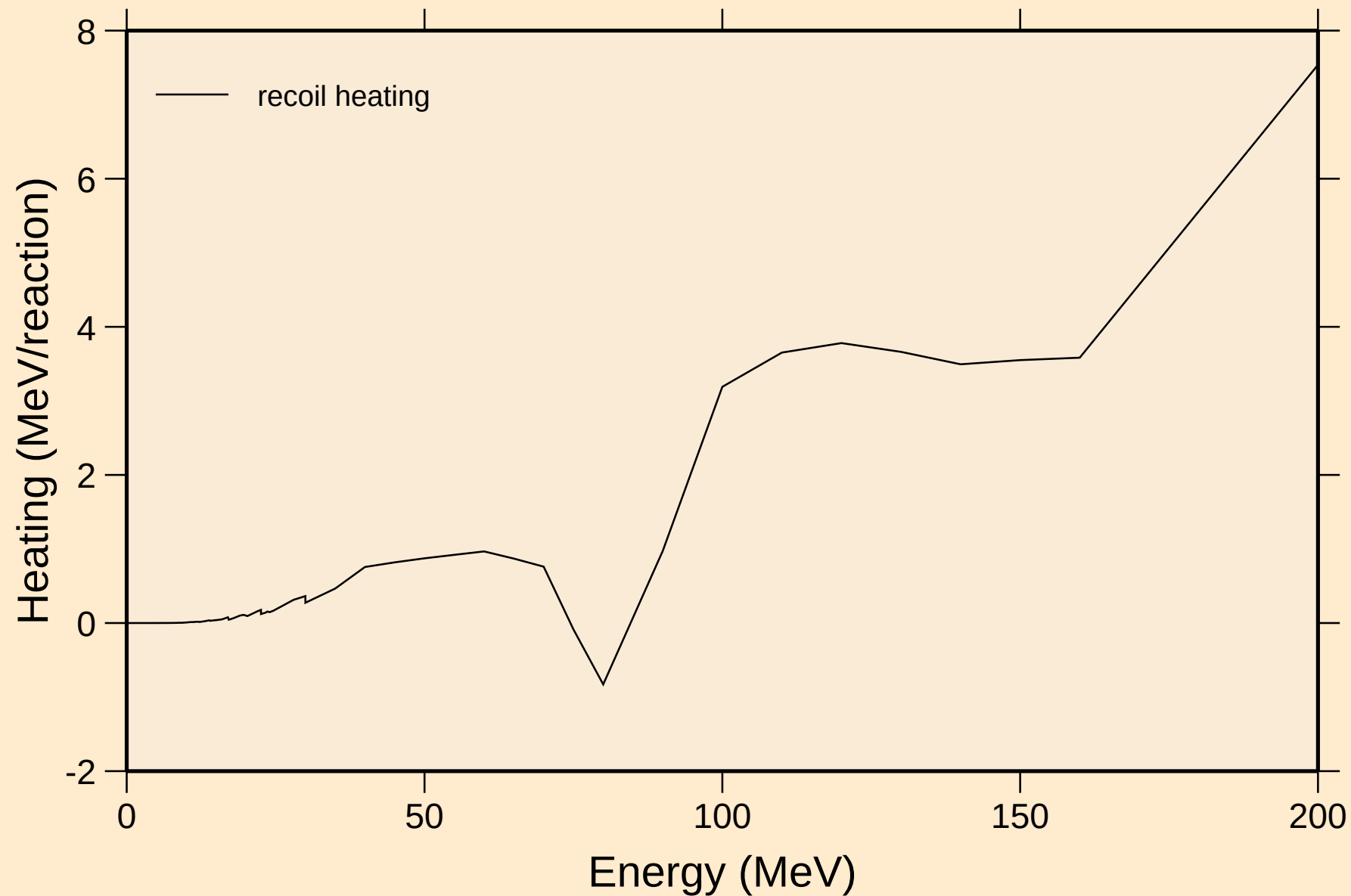
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



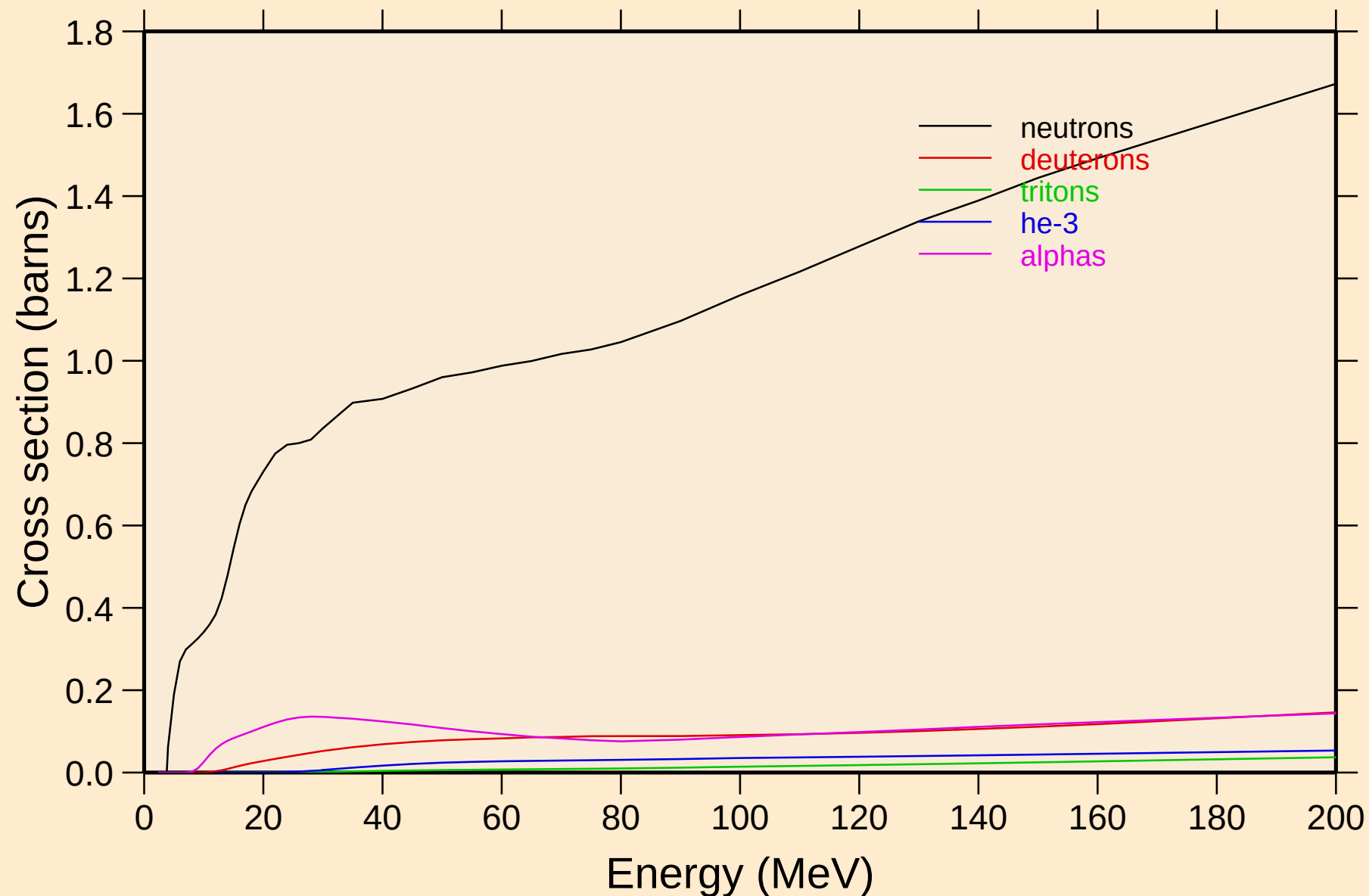
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

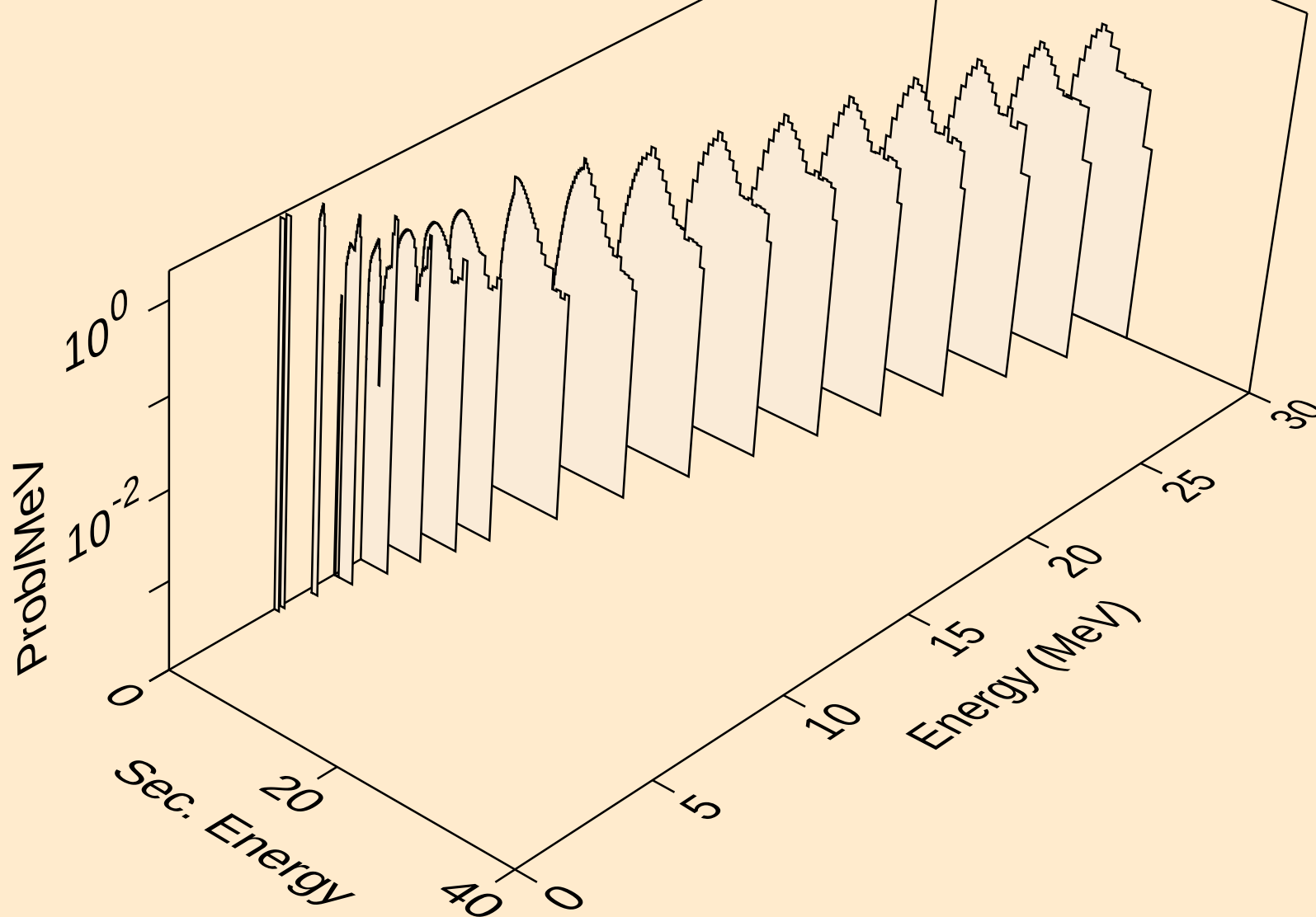


TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K

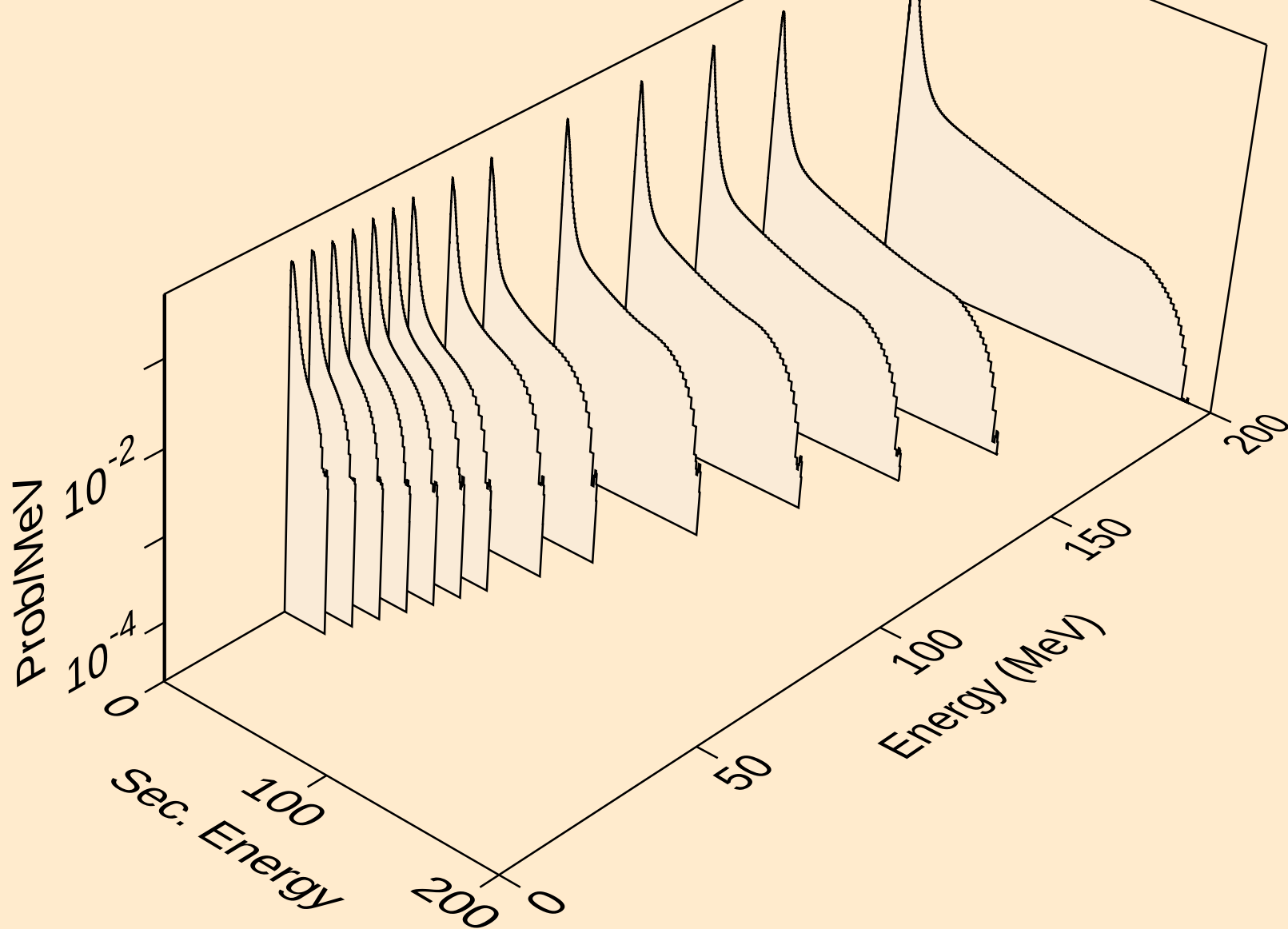
Particle production cross sections



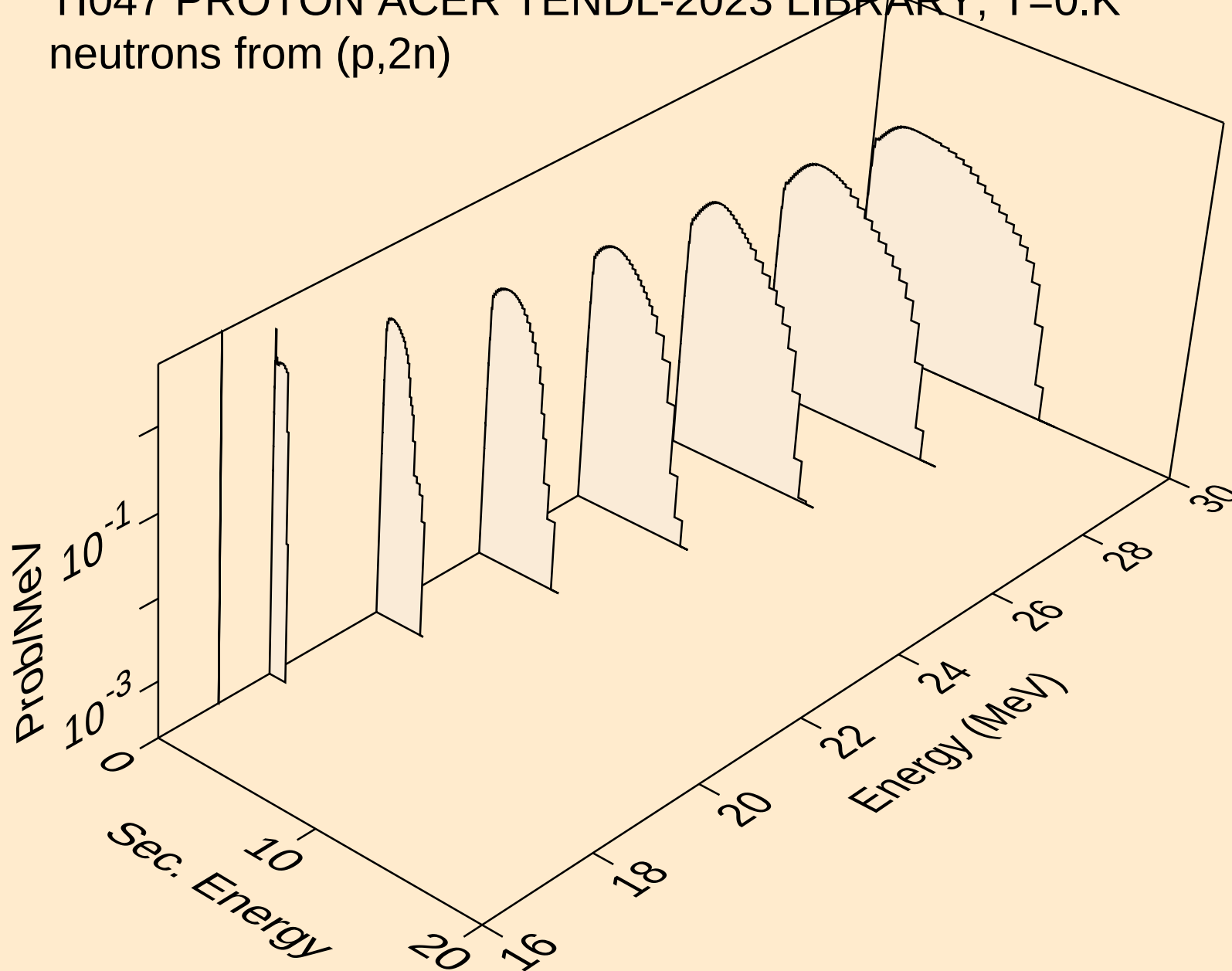
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n)



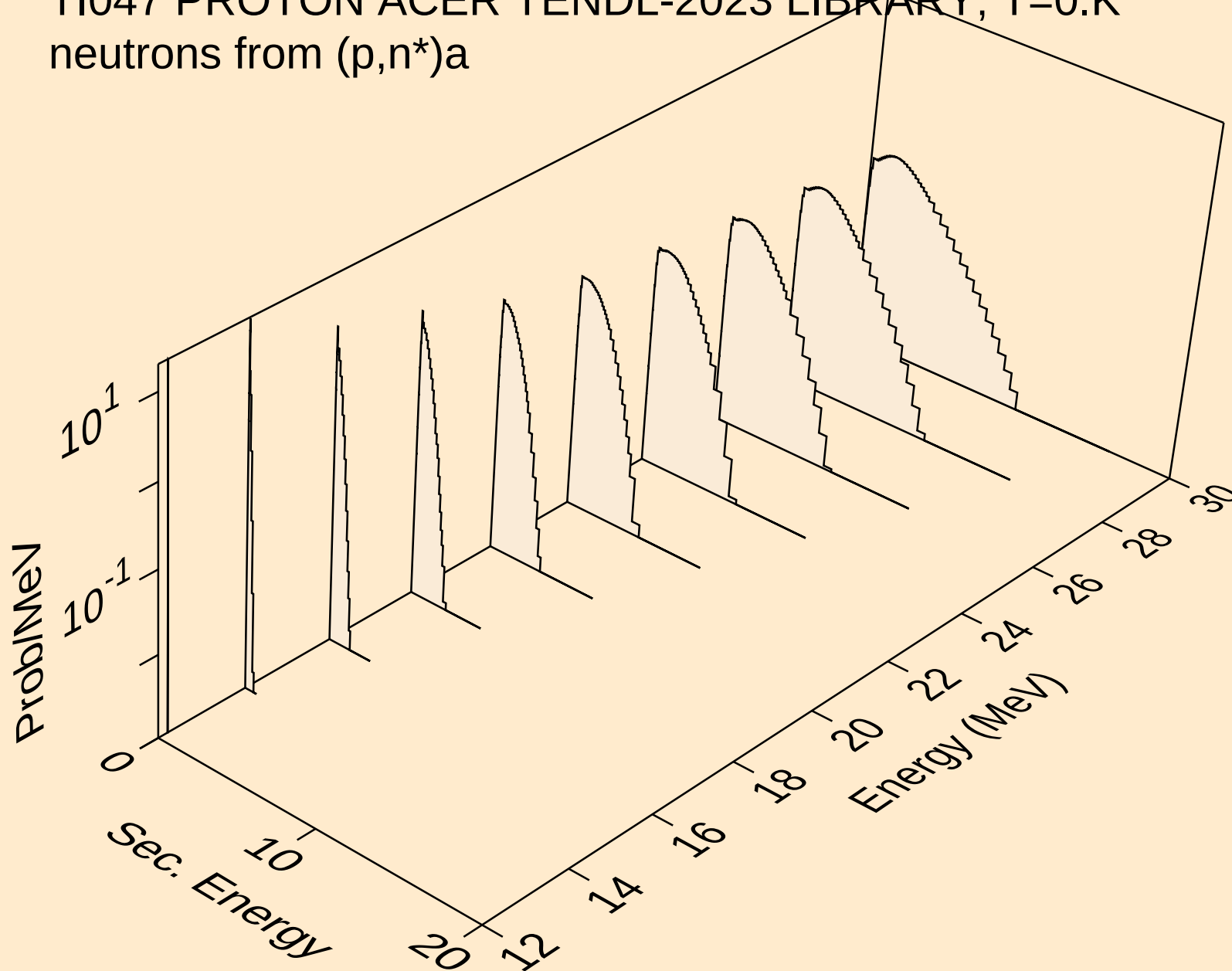
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,x)



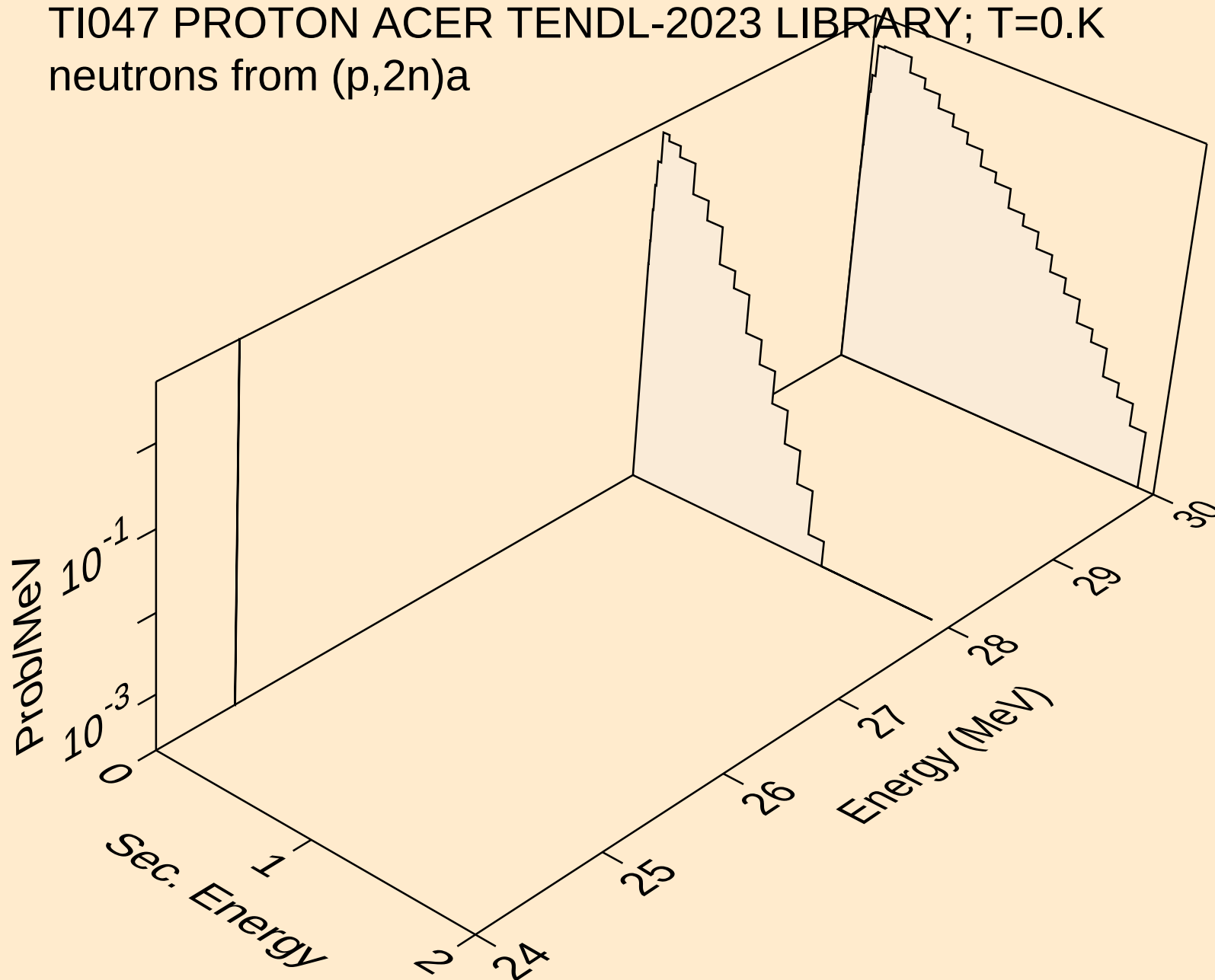
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)



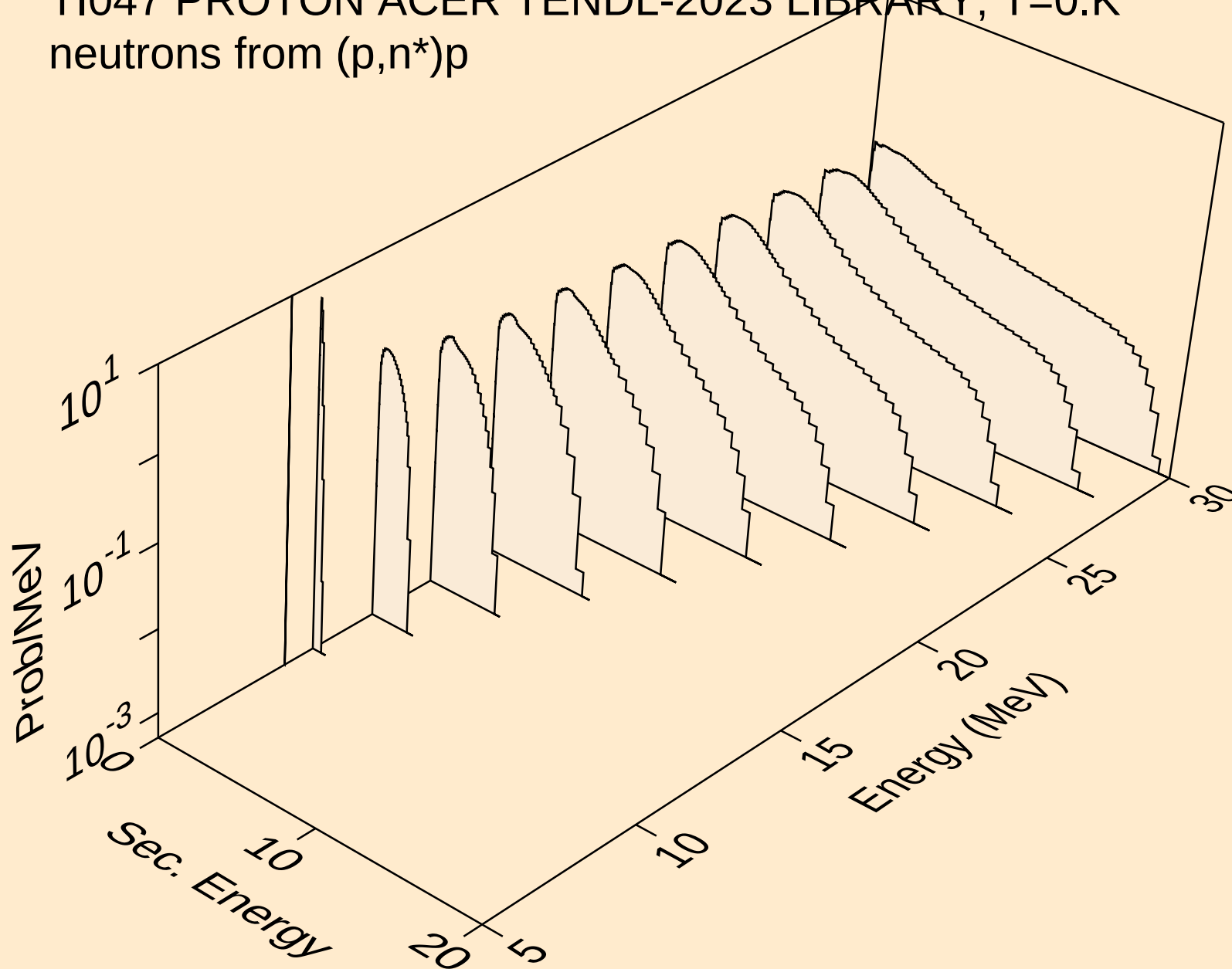
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)a



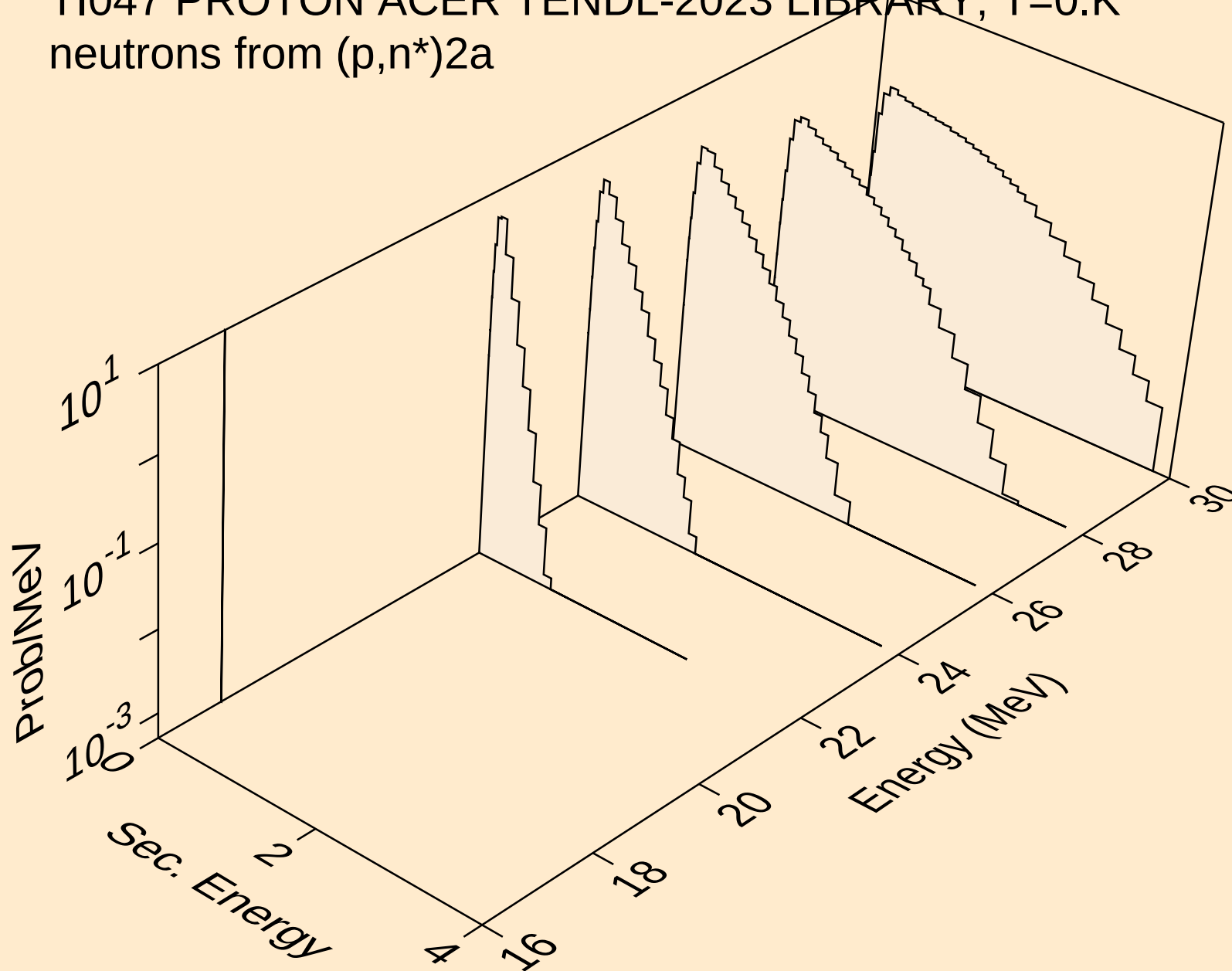
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)a



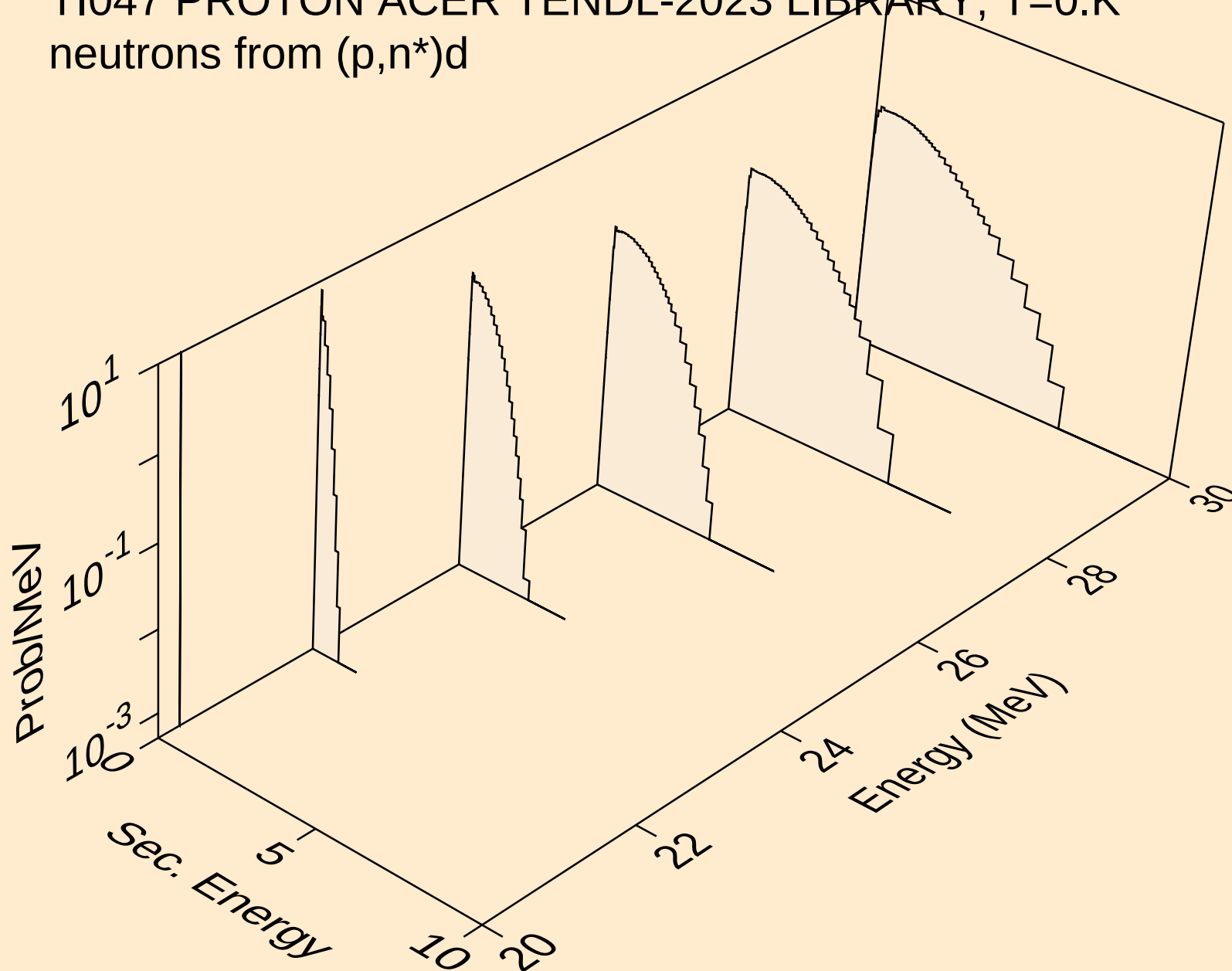
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)p



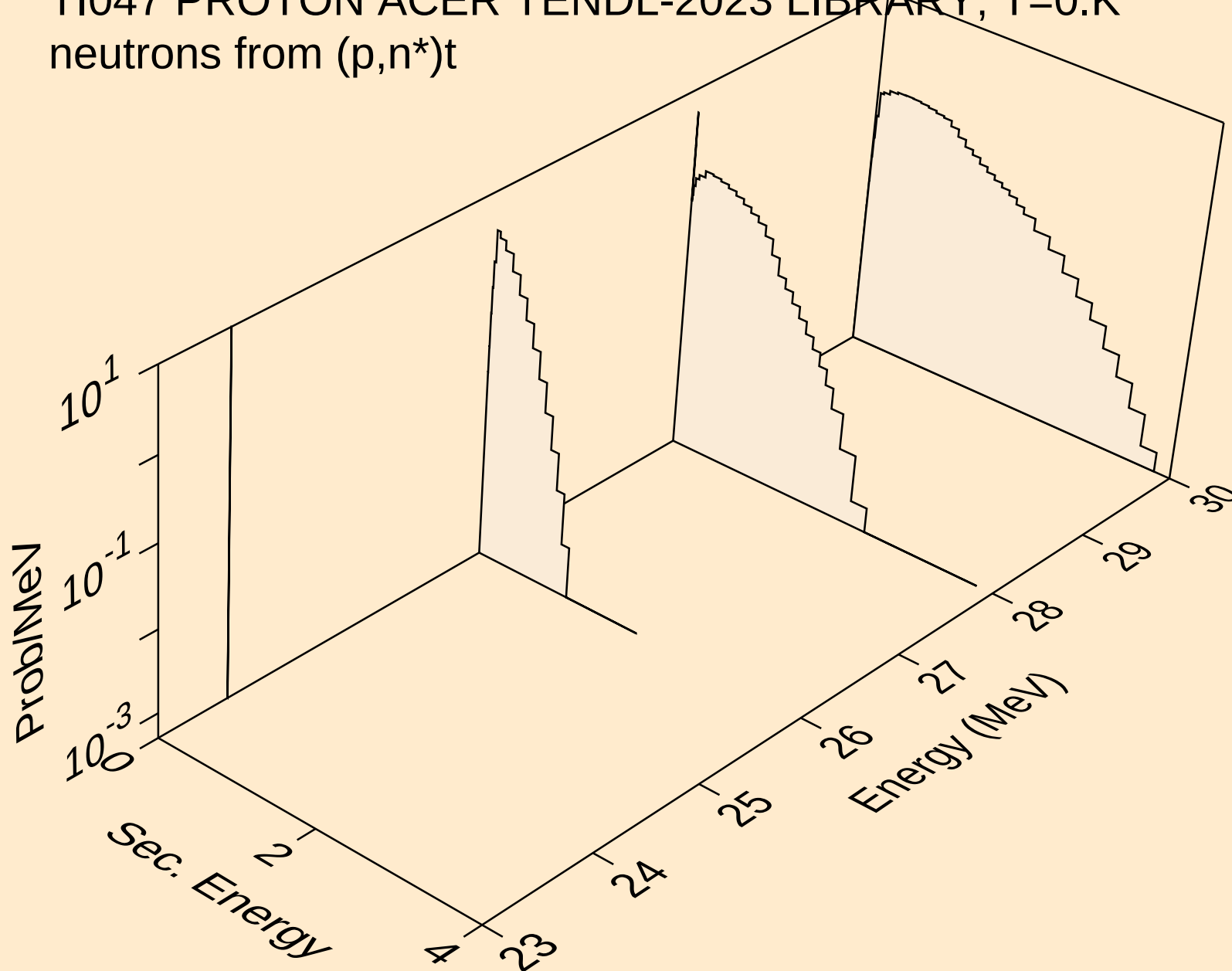
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)2a



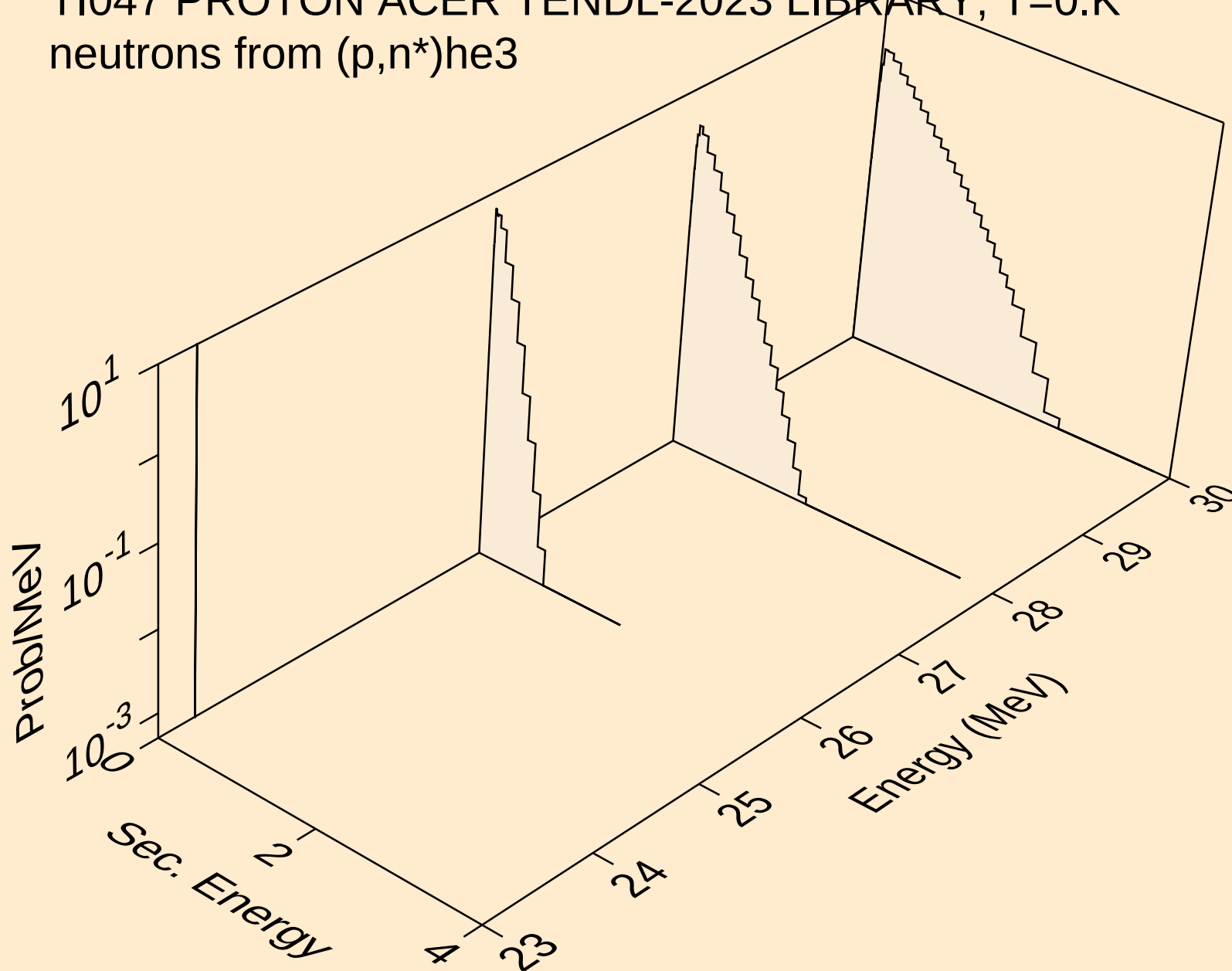
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)d



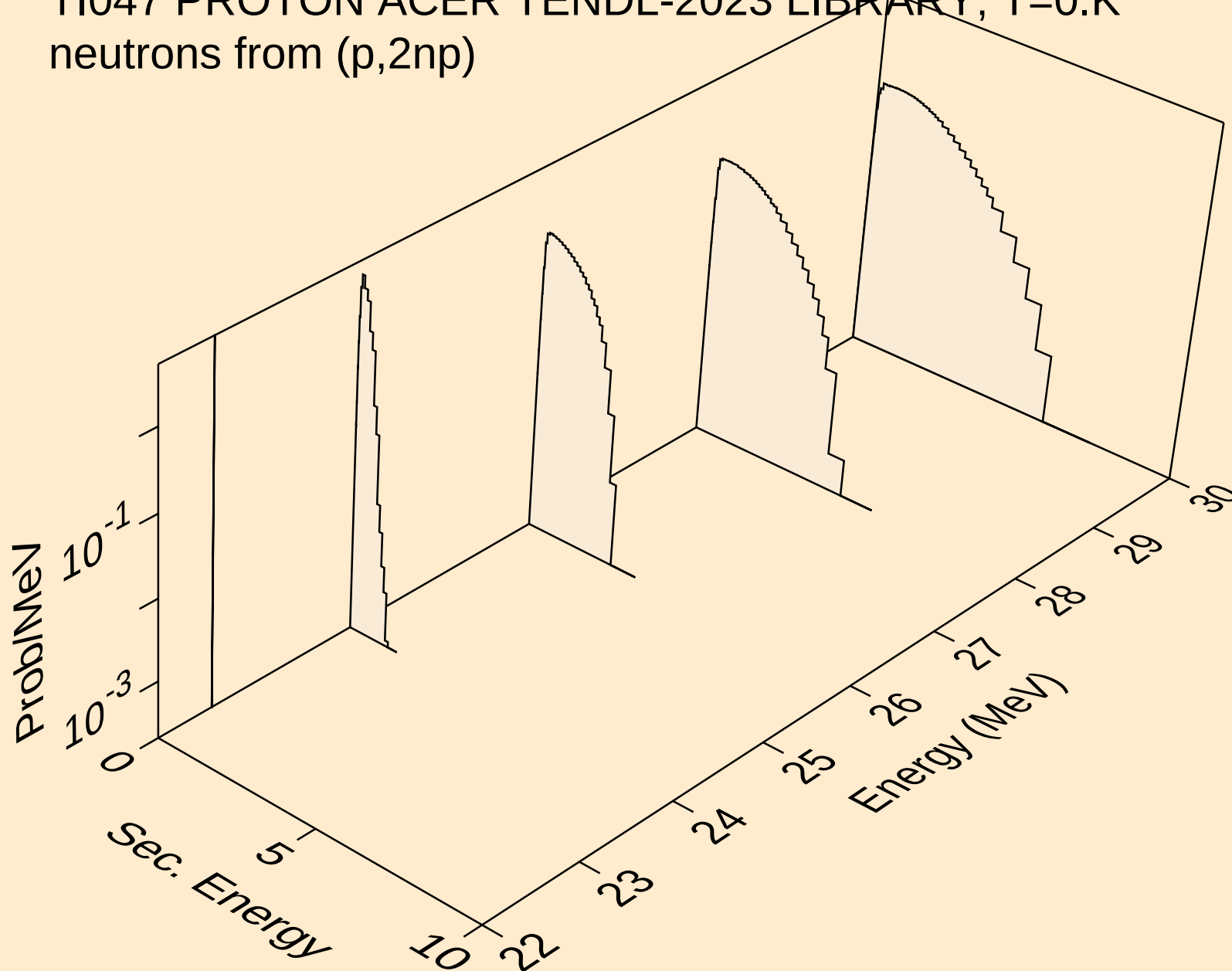
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)t



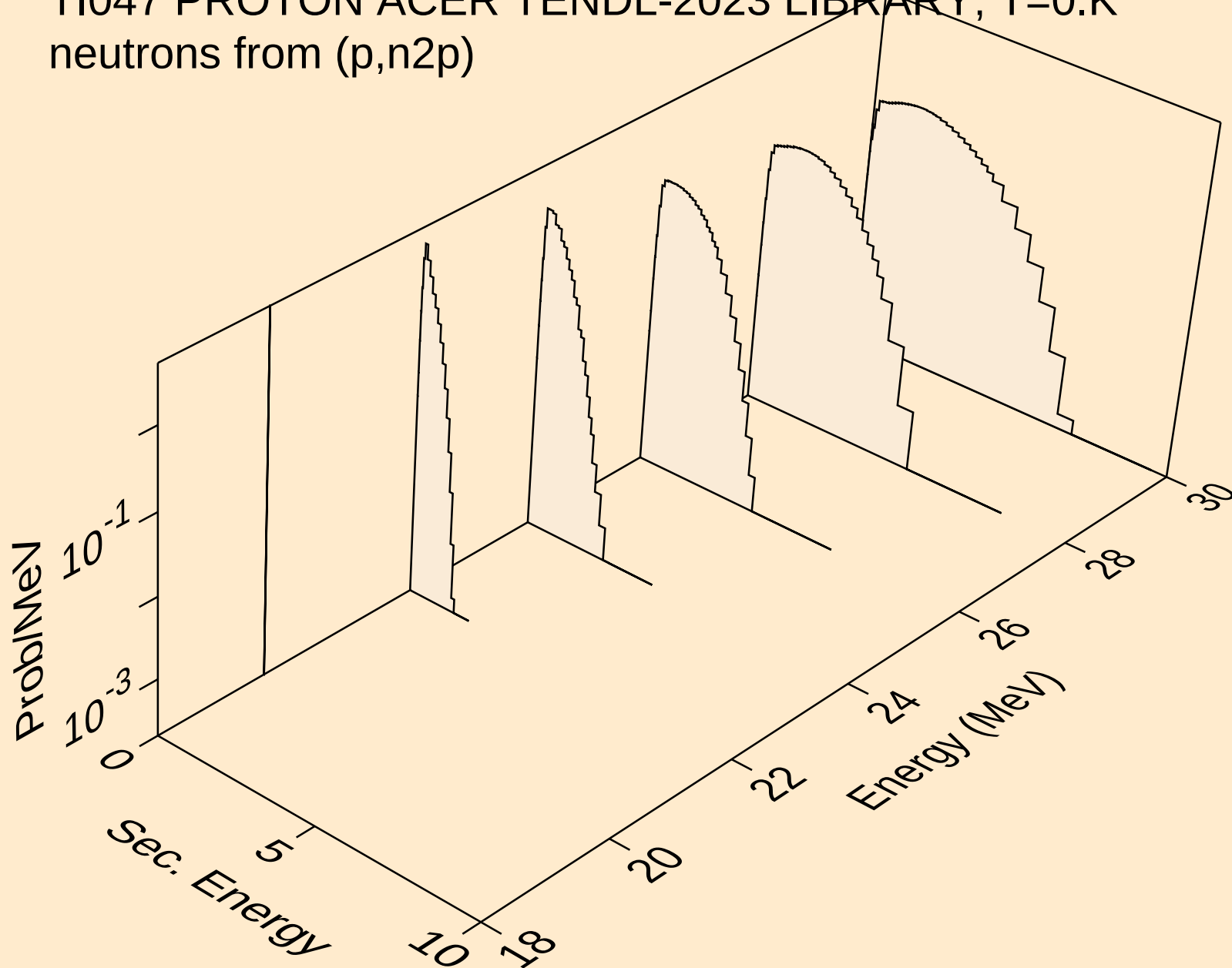
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)he3



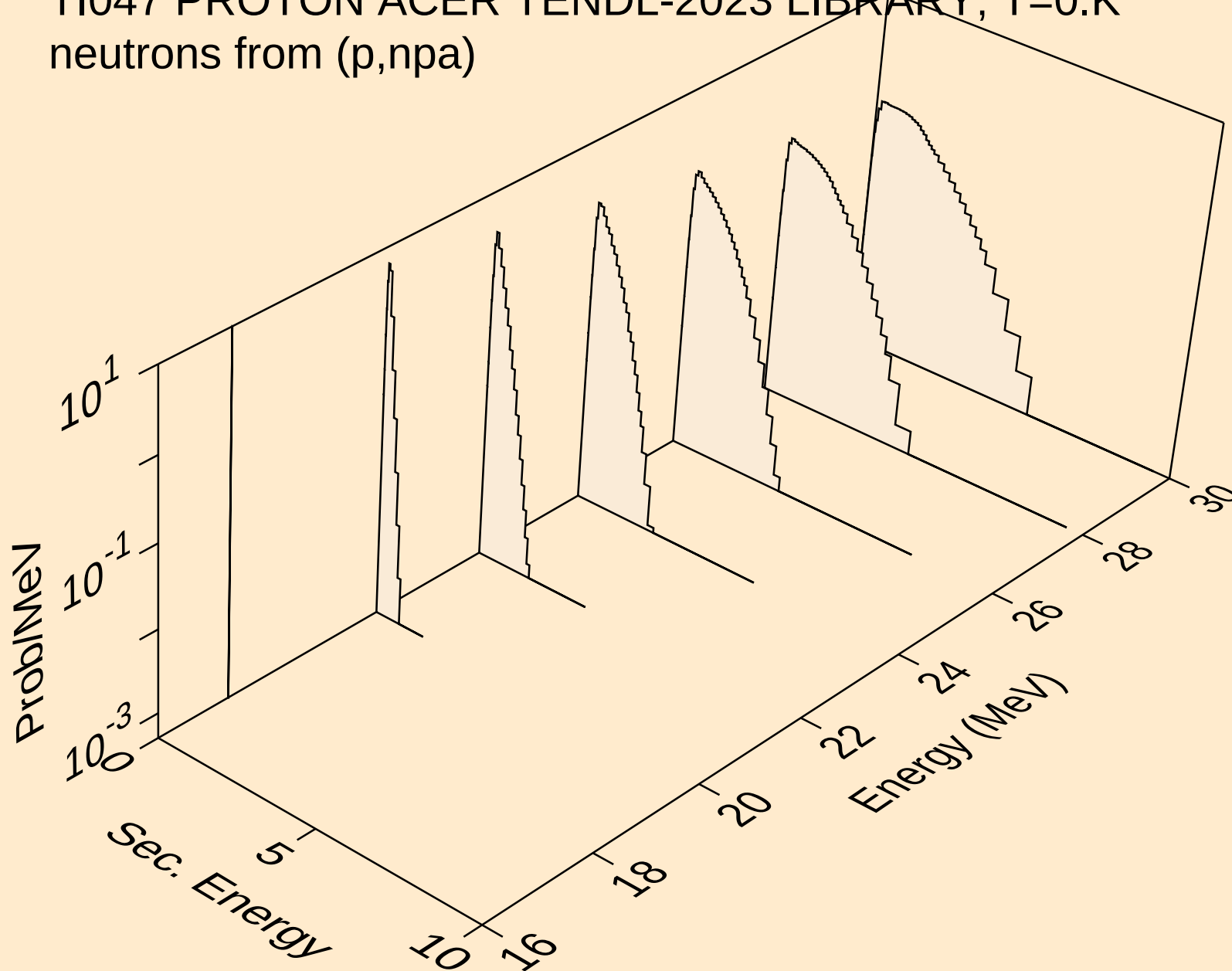
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2np)



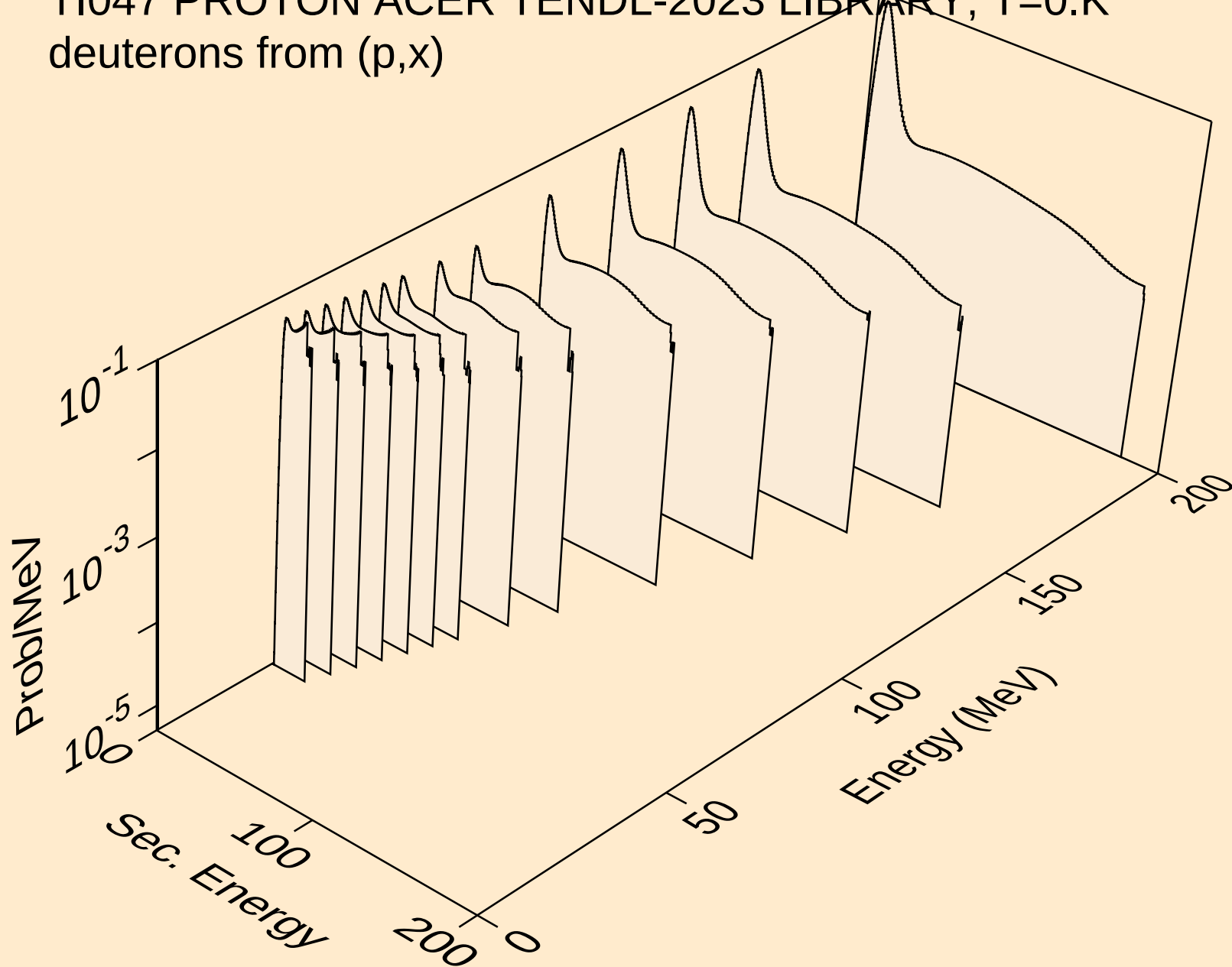
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neutrons from (p,n2p)



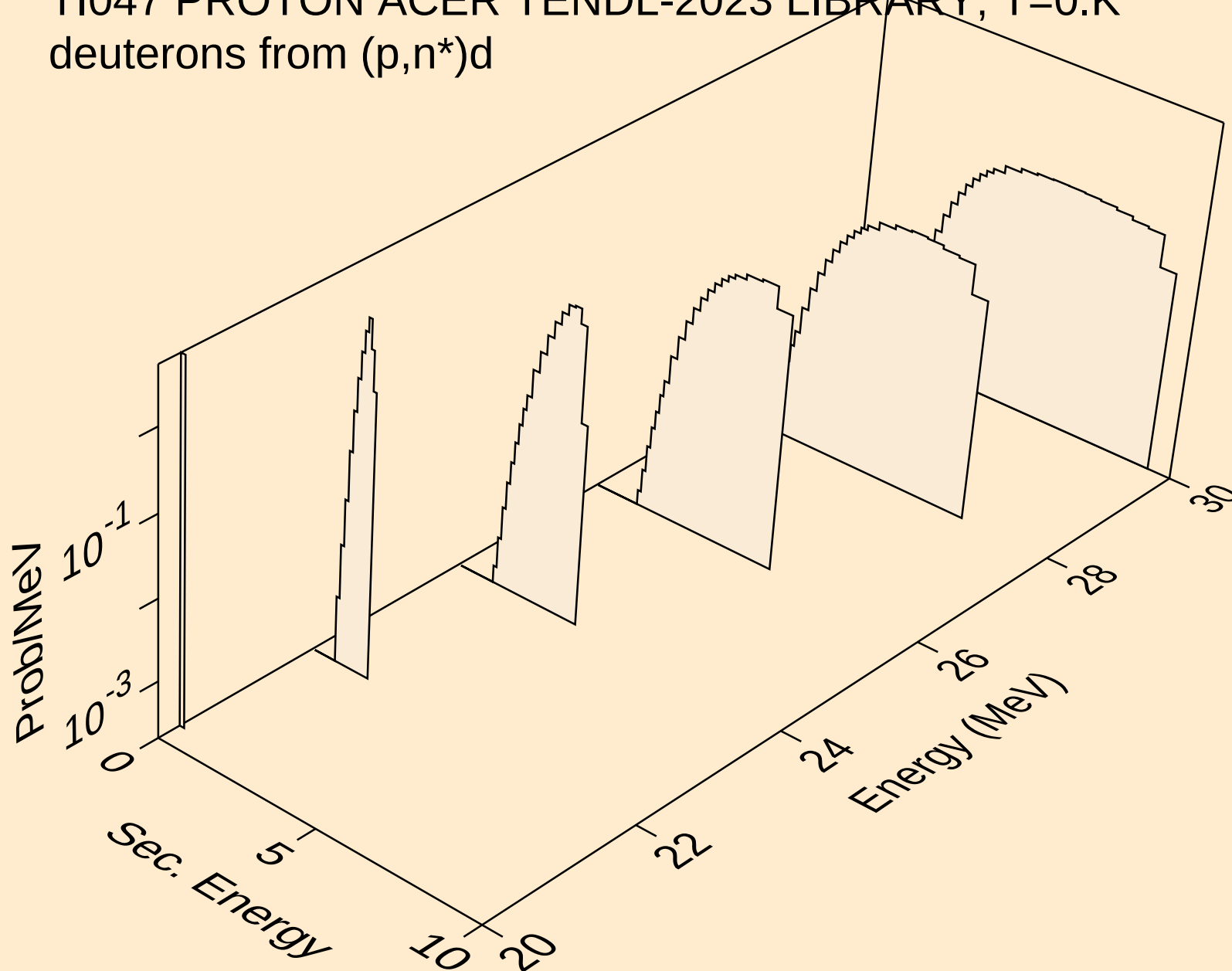
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,npa)



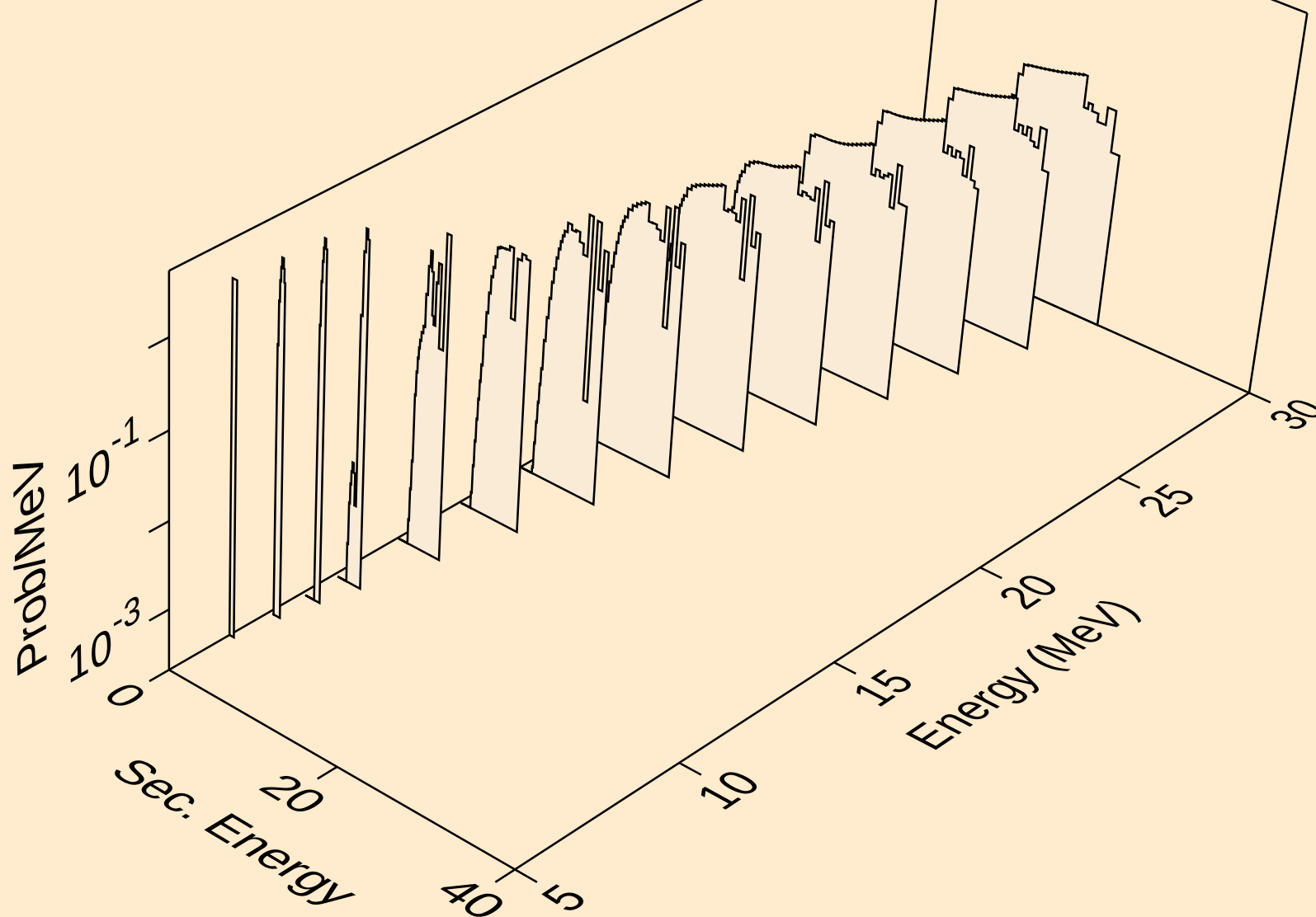
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deuterons from (p,x)



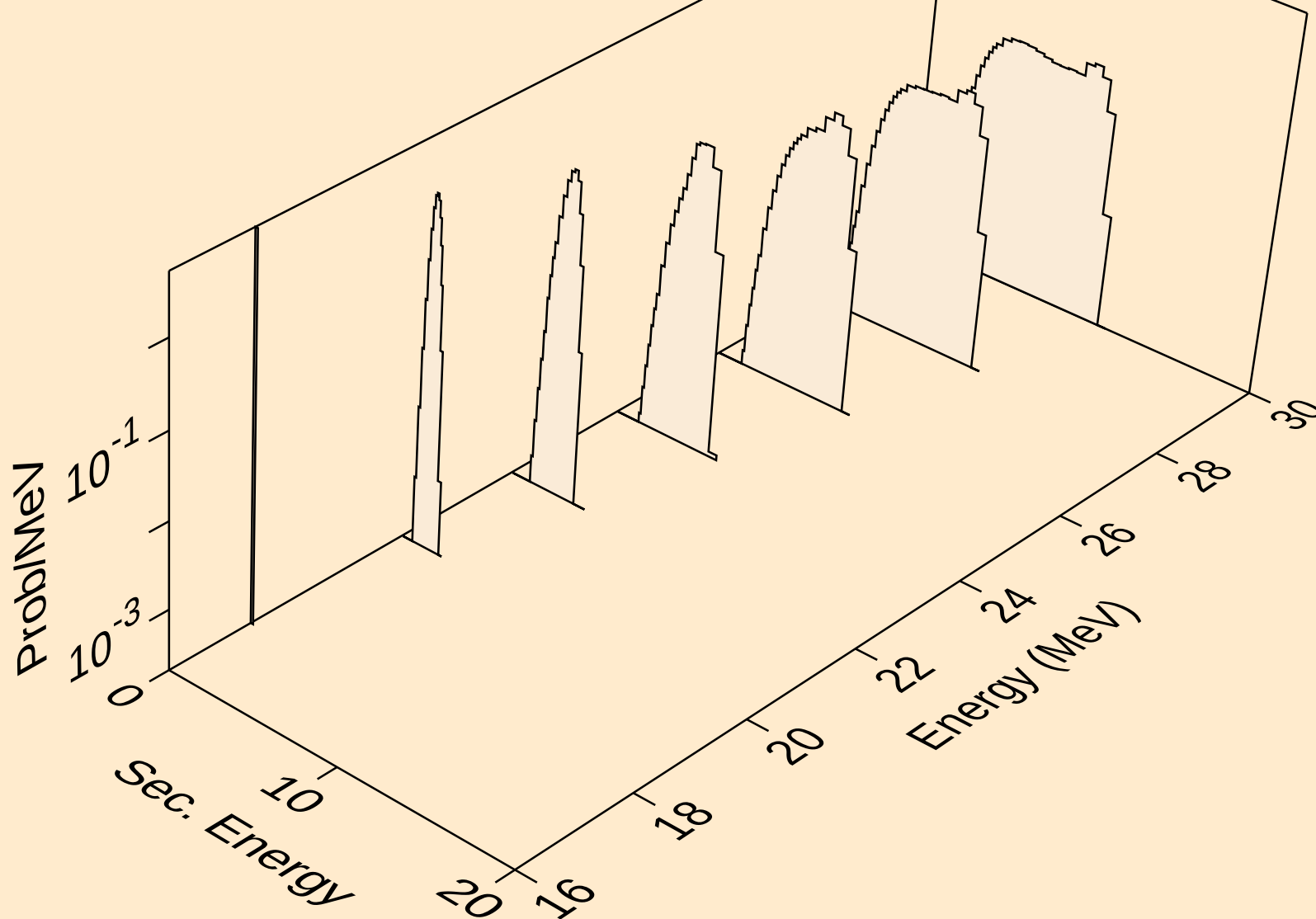
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deuterons from (p,n*)d



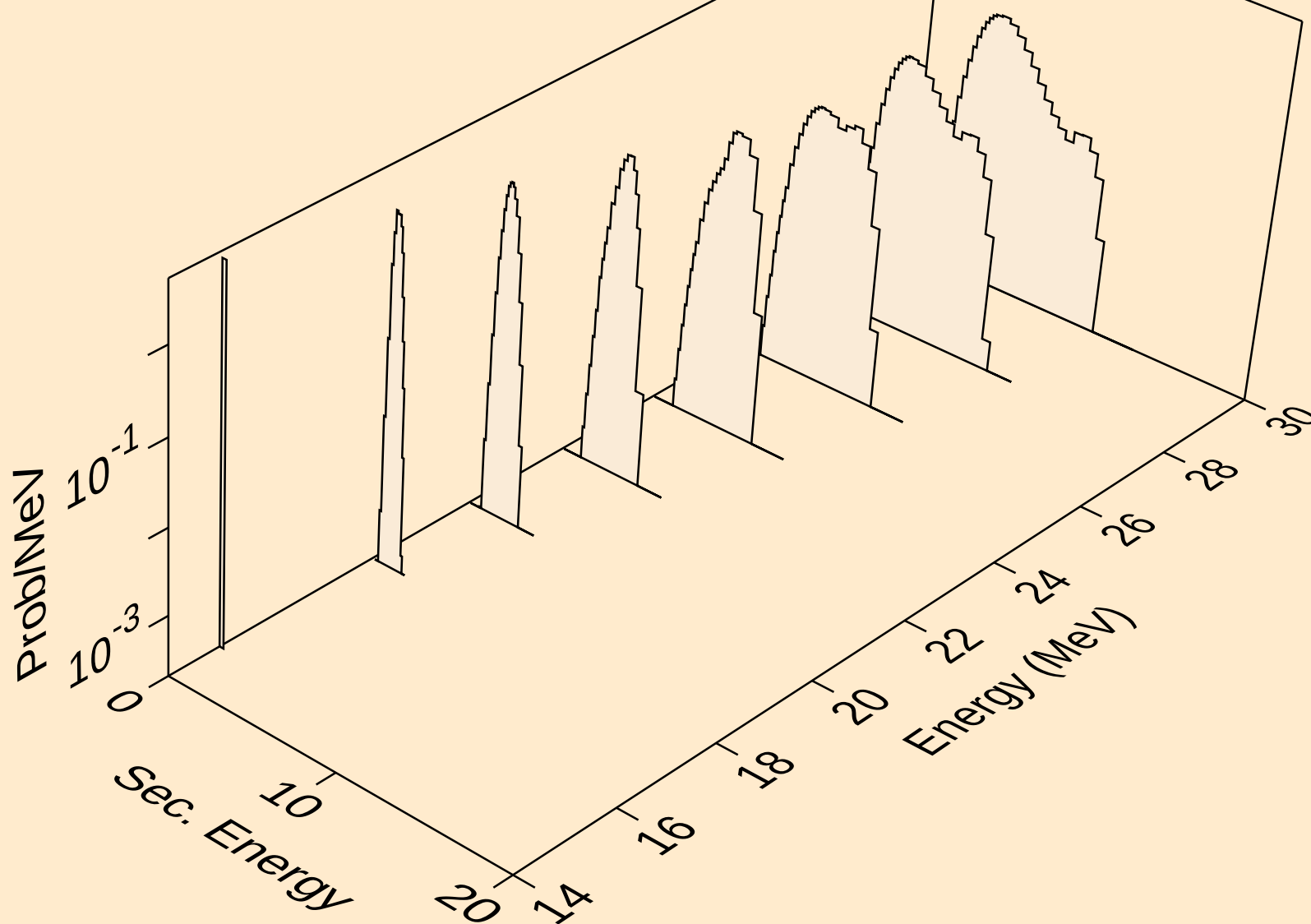
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deuterons from (p,d)



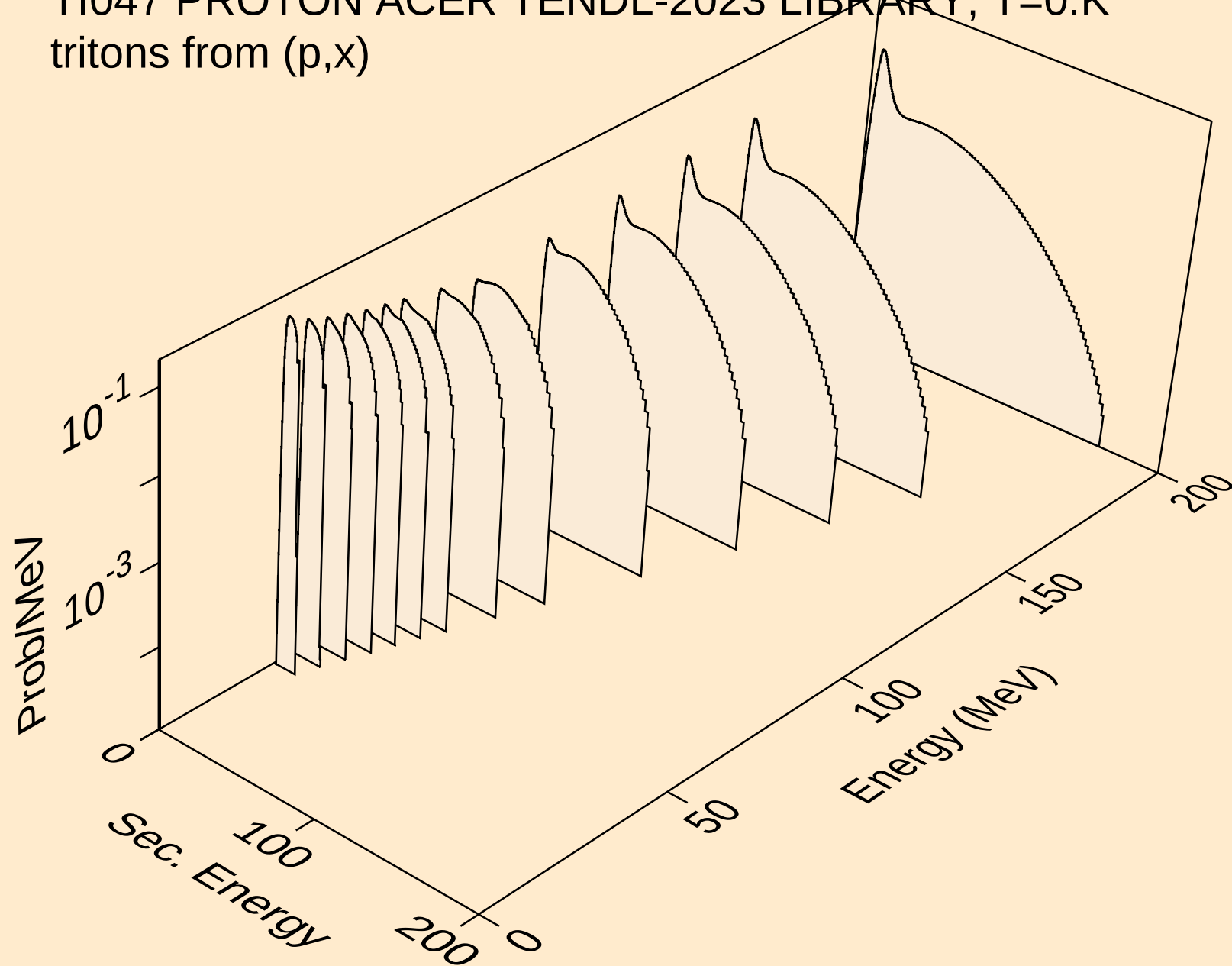
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deuterons from (p,pd)



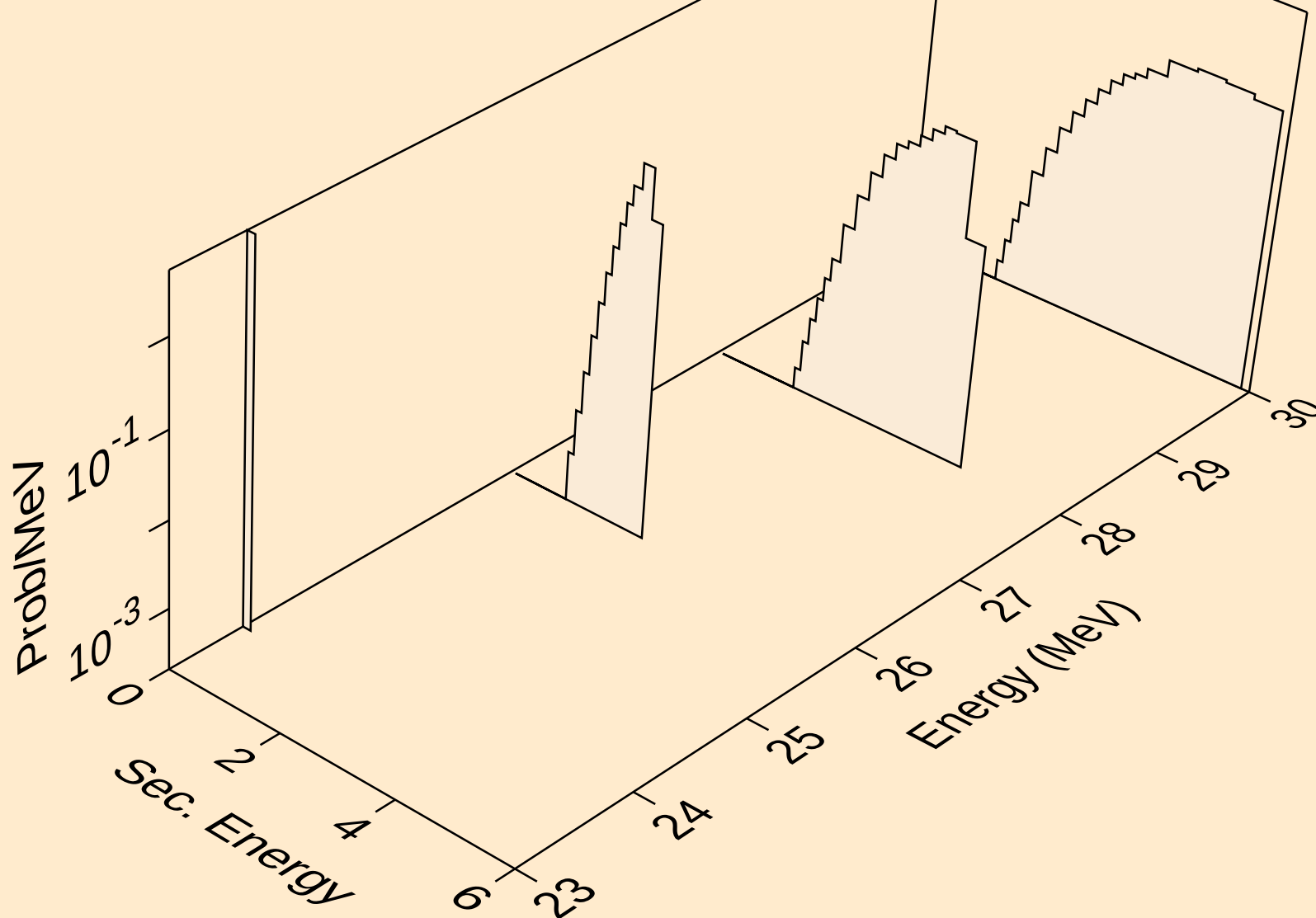
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deuterons from (p,da)



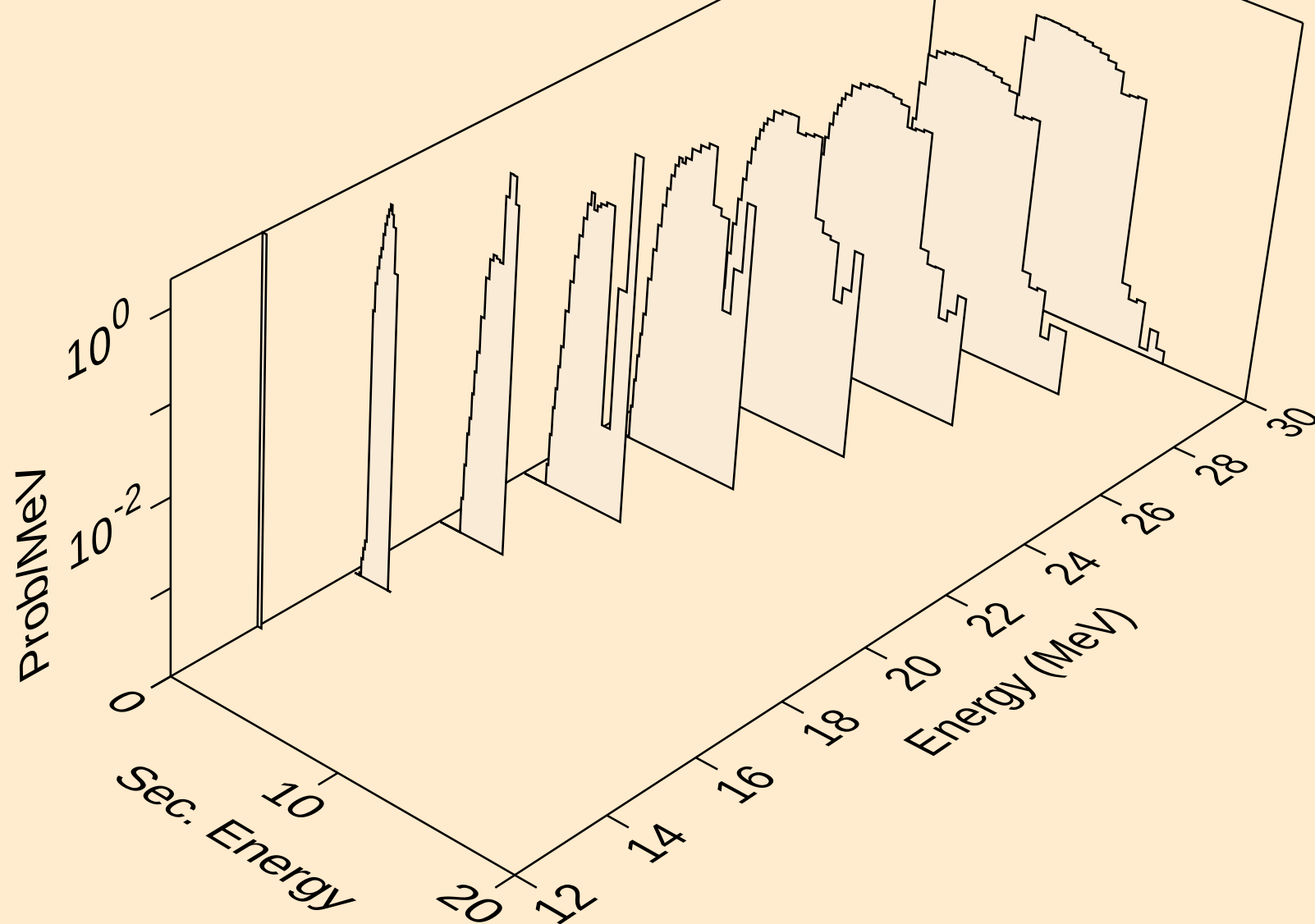
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,x)



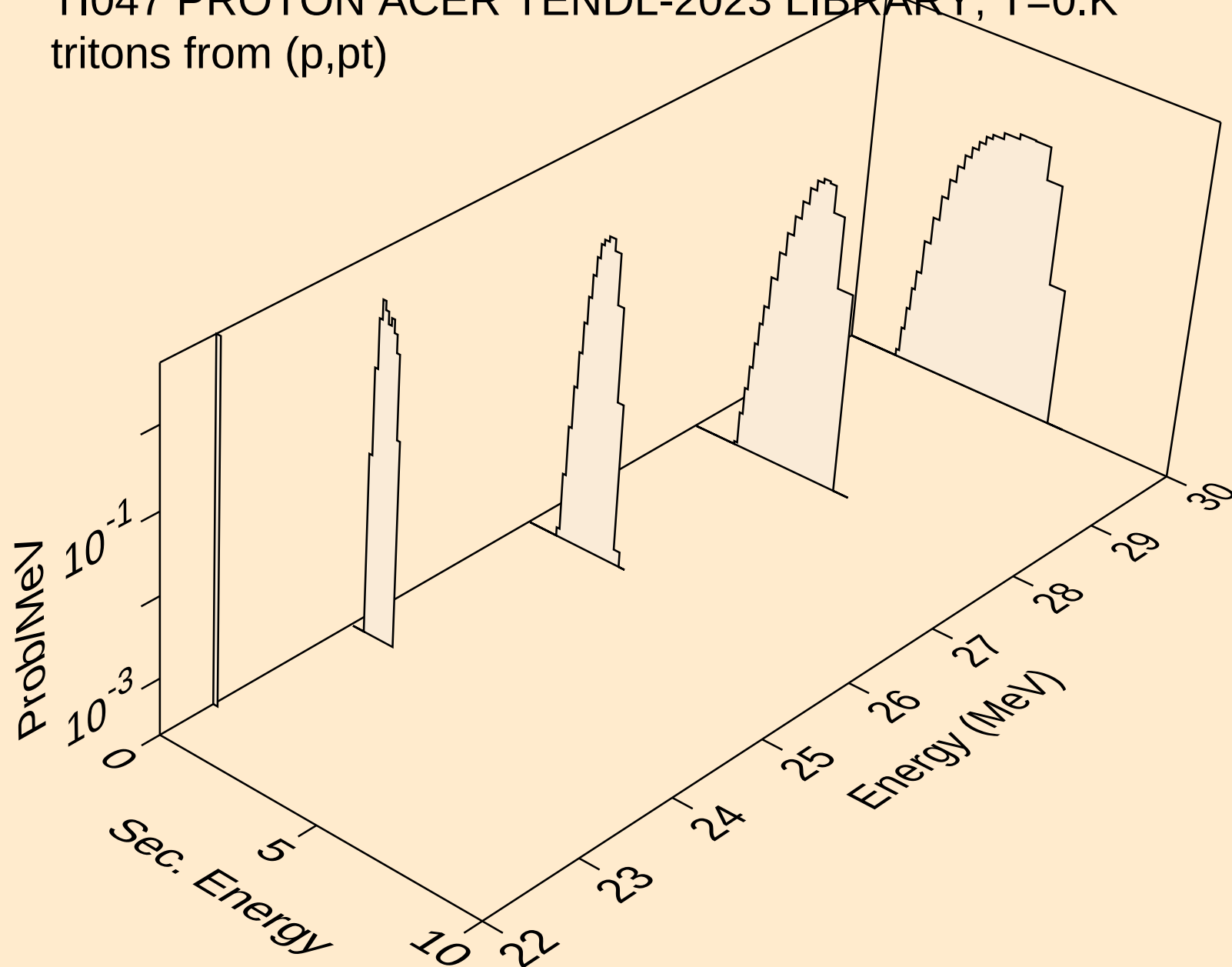
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,n*)t



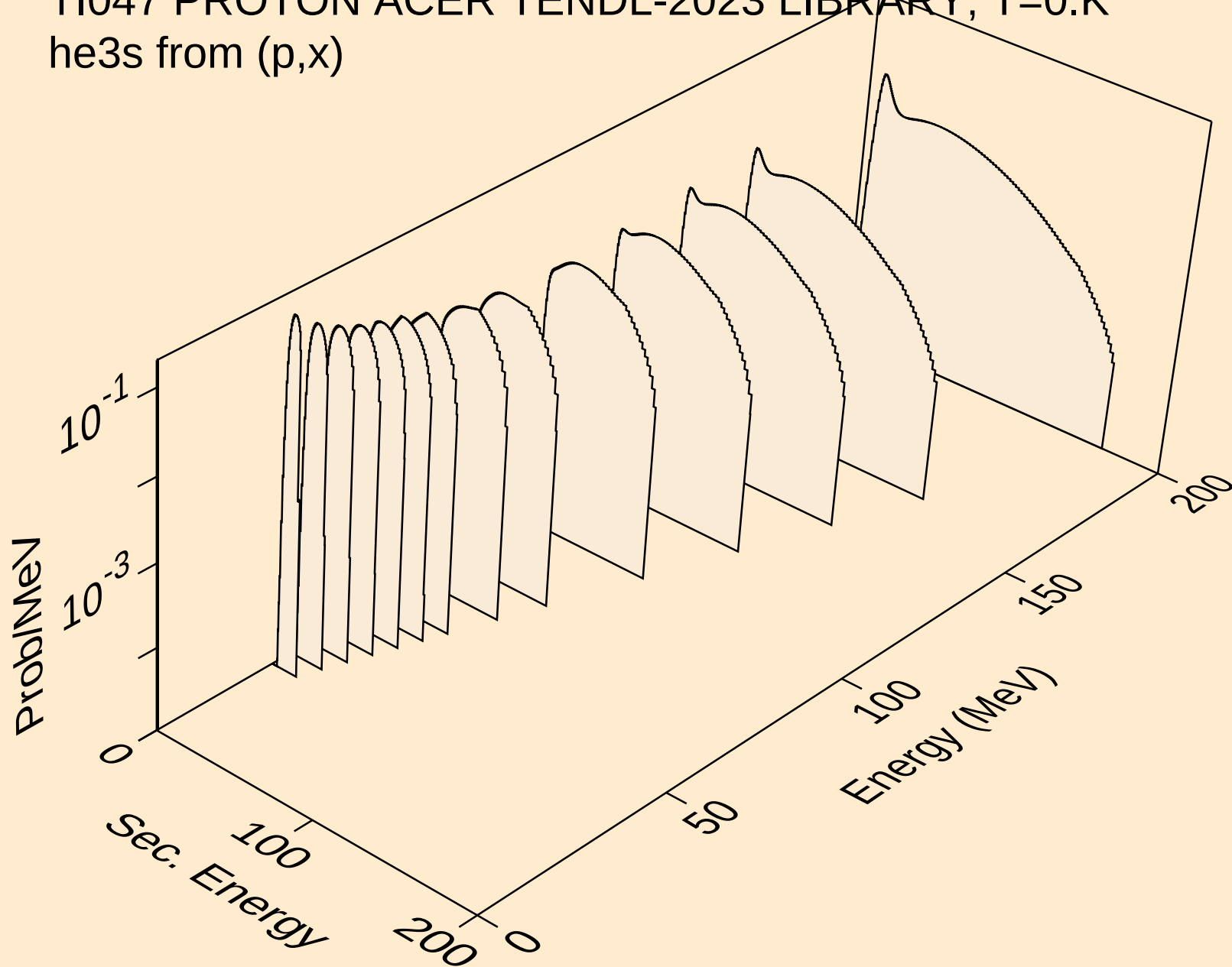
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,t)



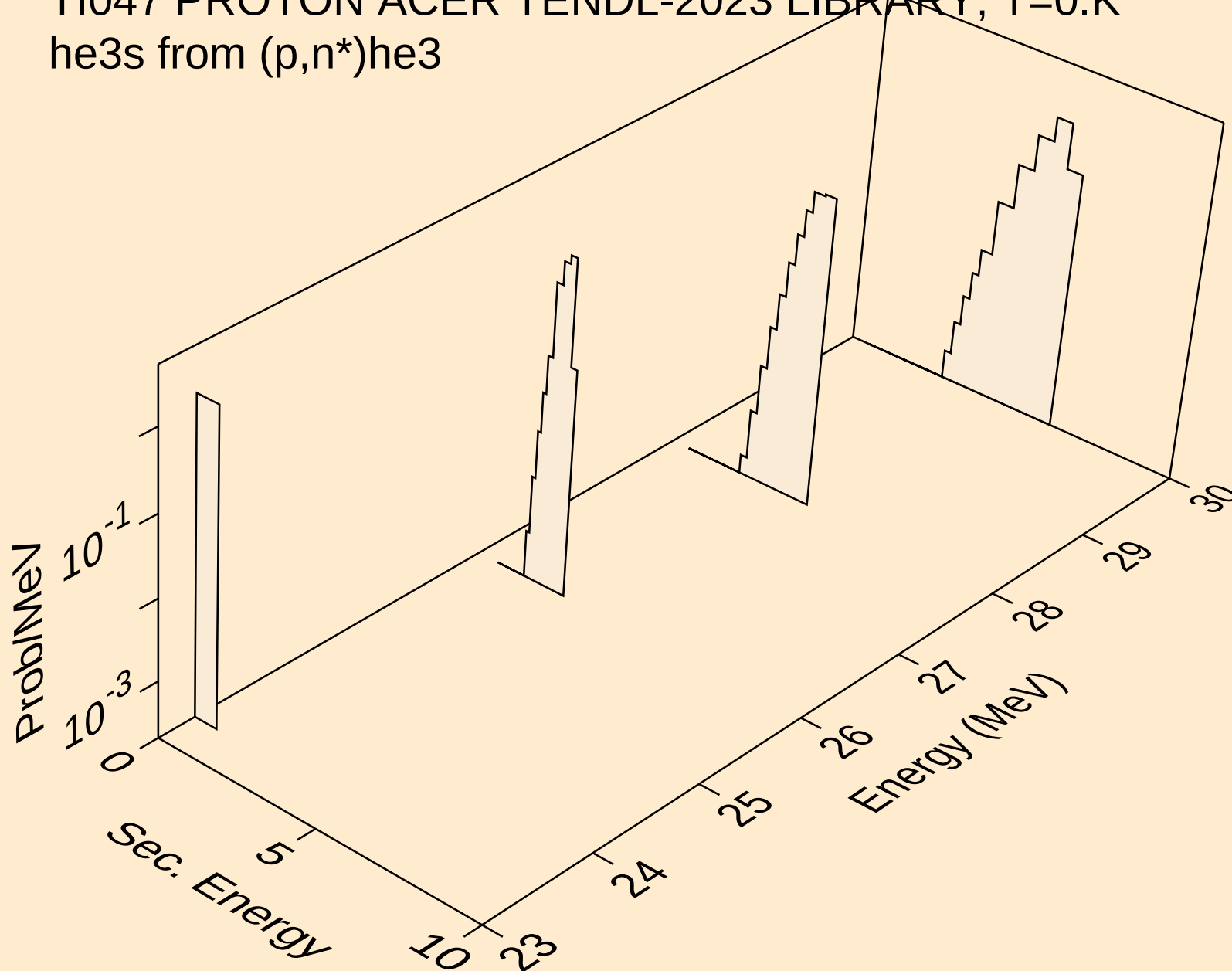
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,pt)



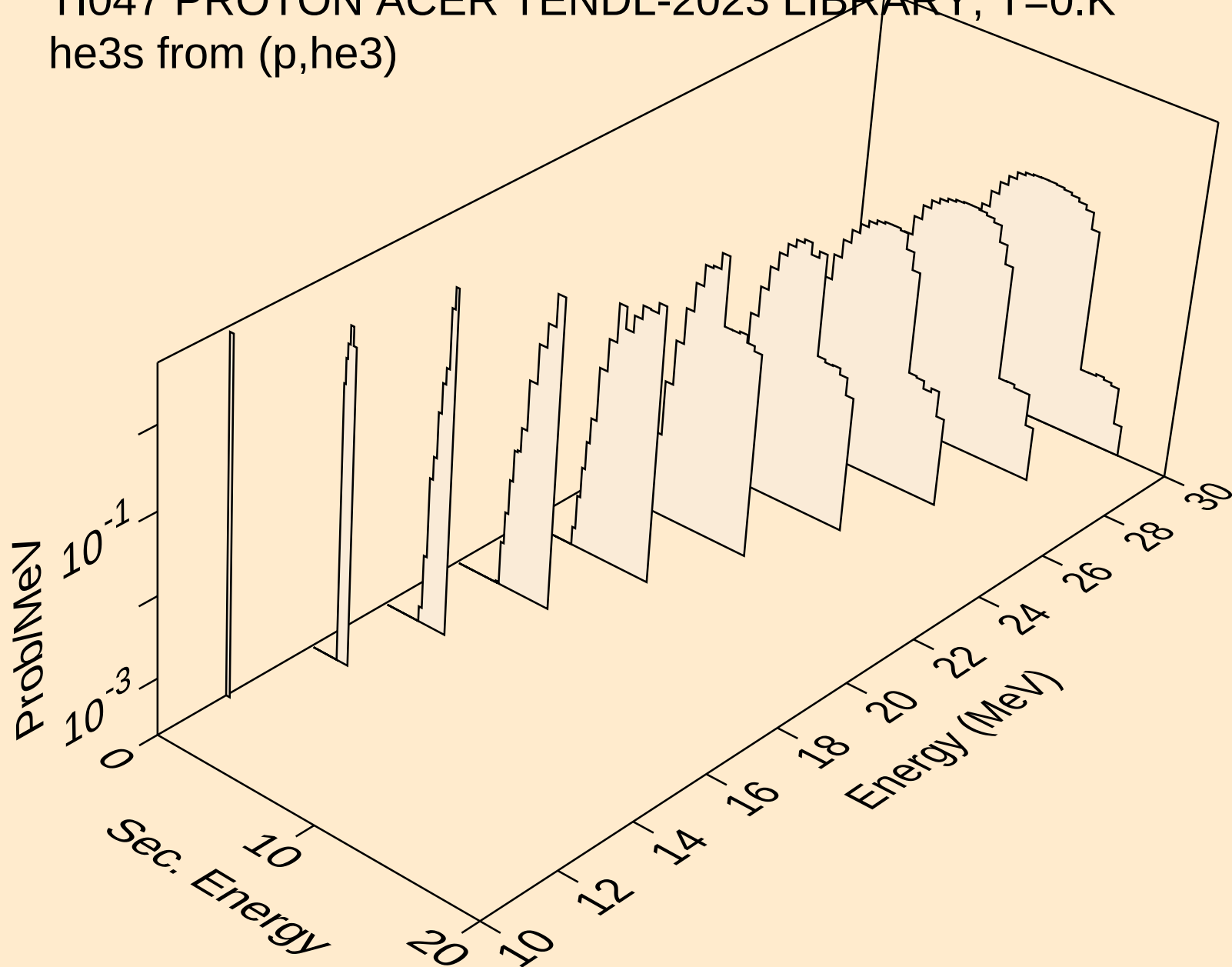
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,x)



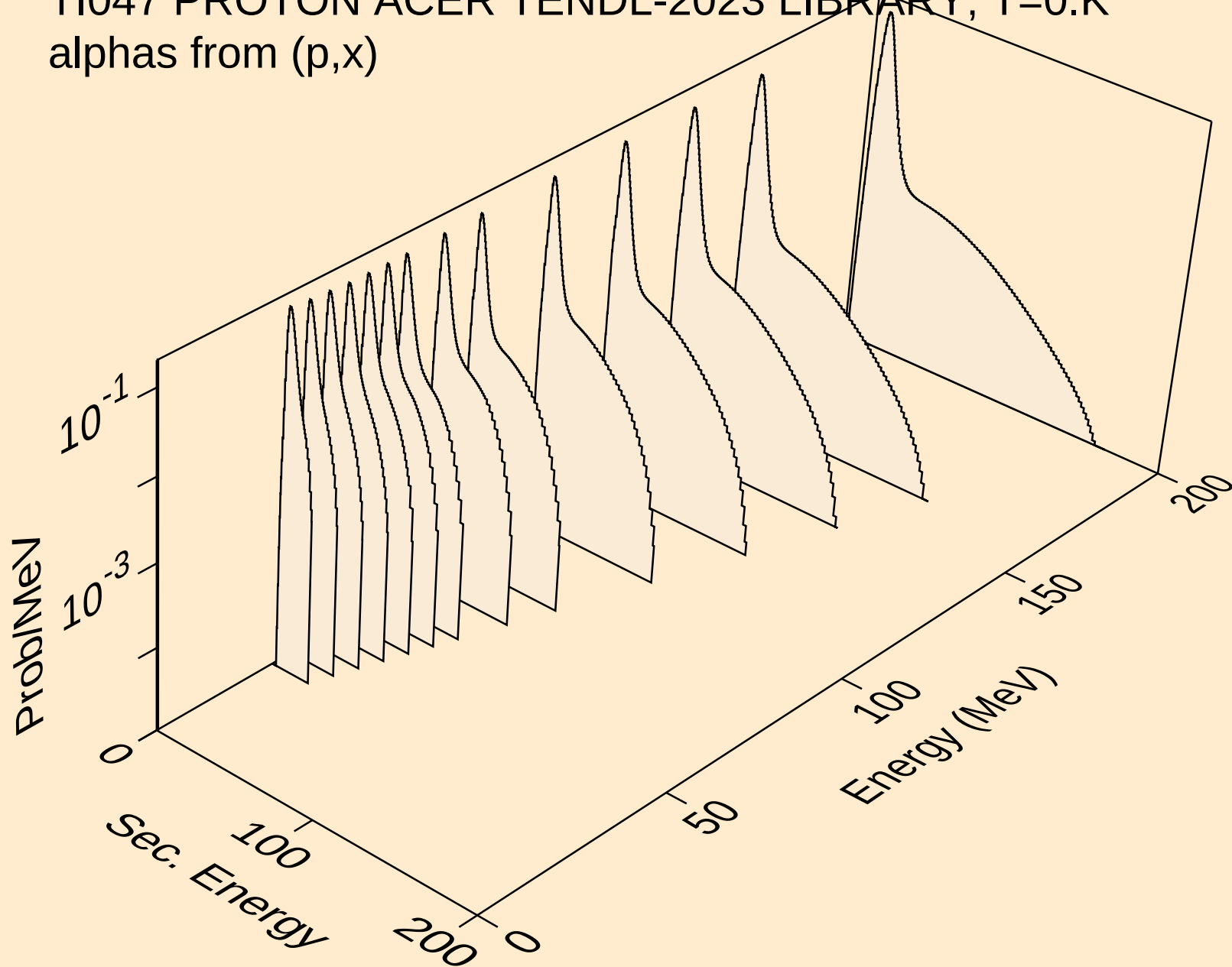
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,n*)he3



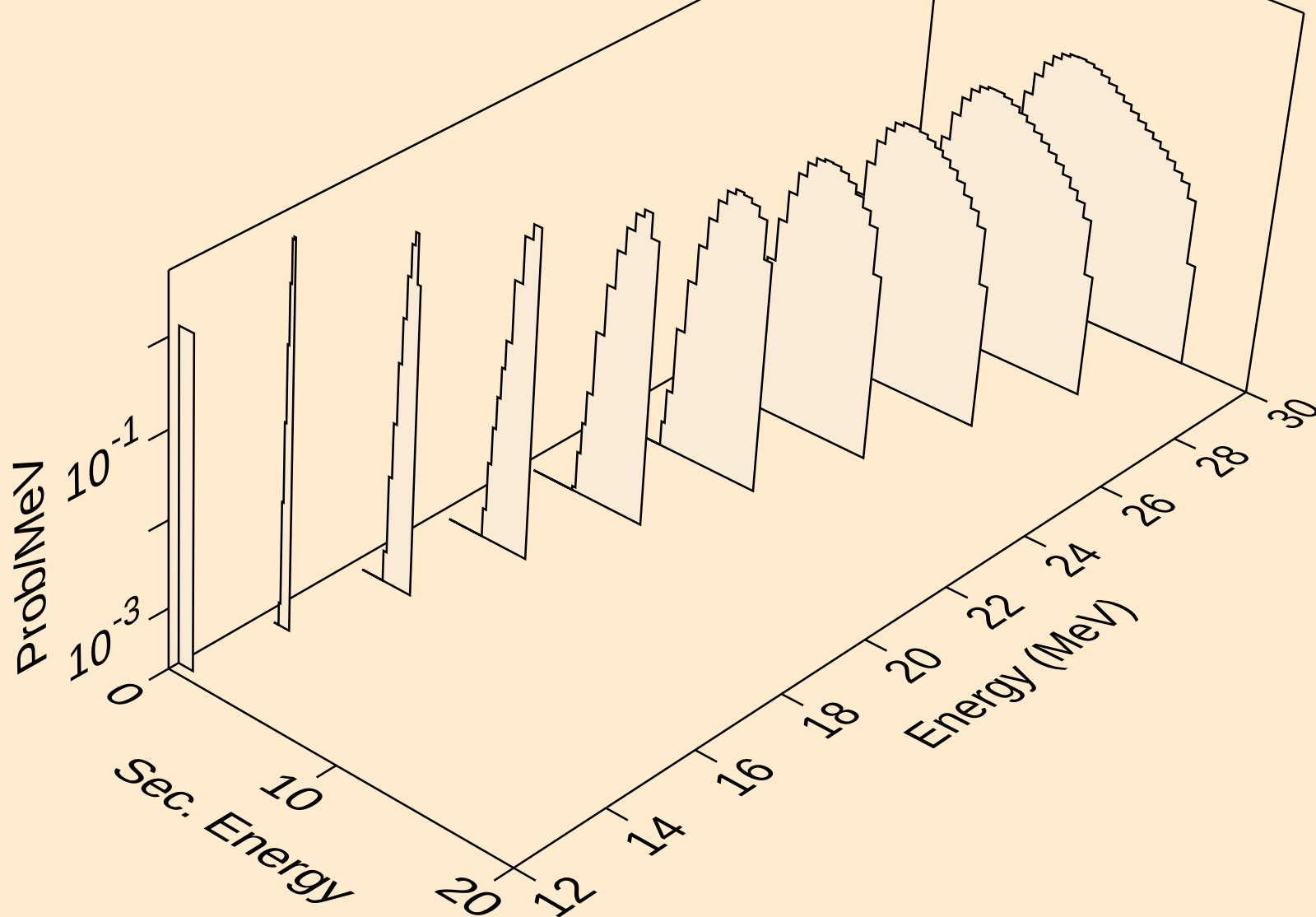
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,he3)



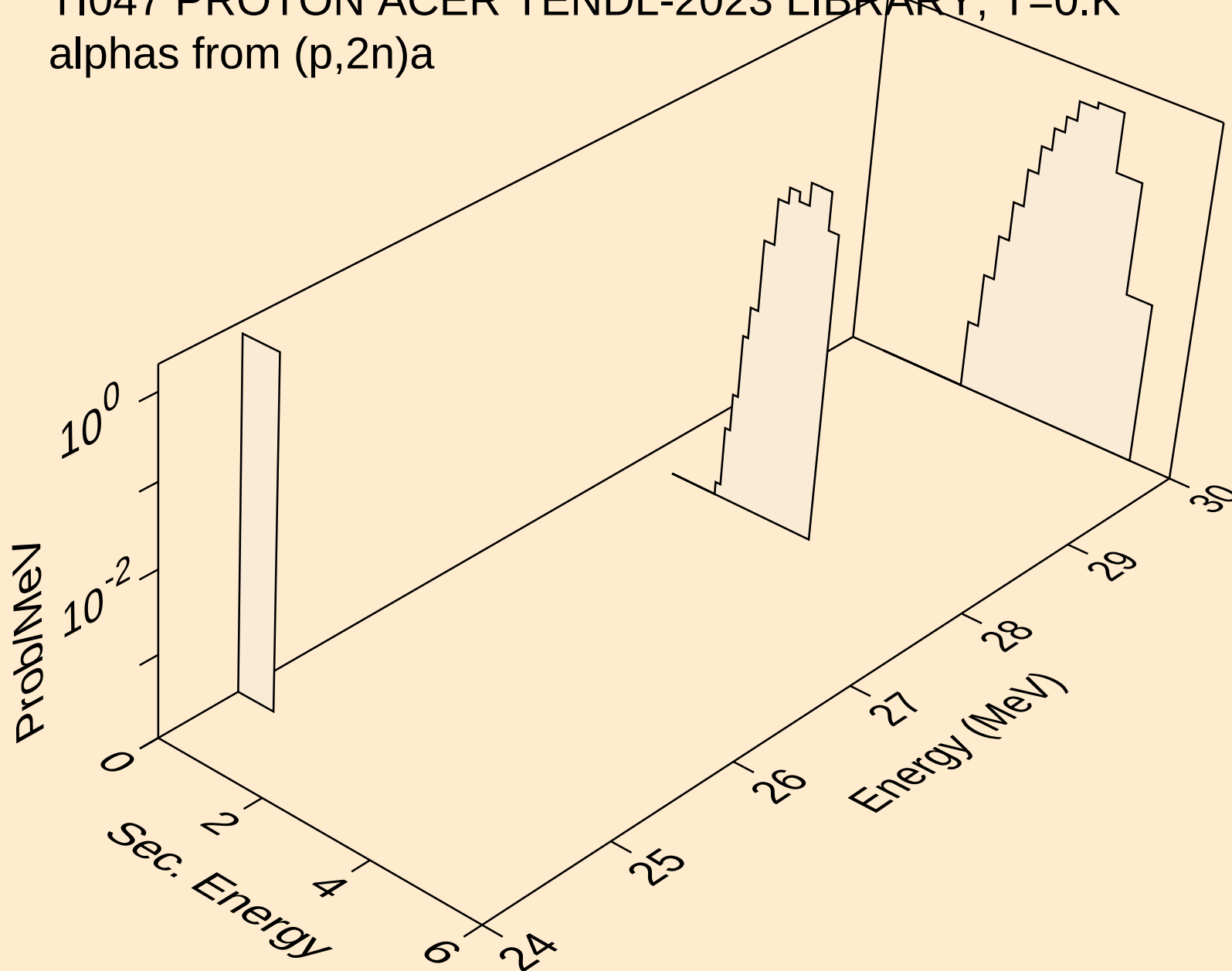
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,x)



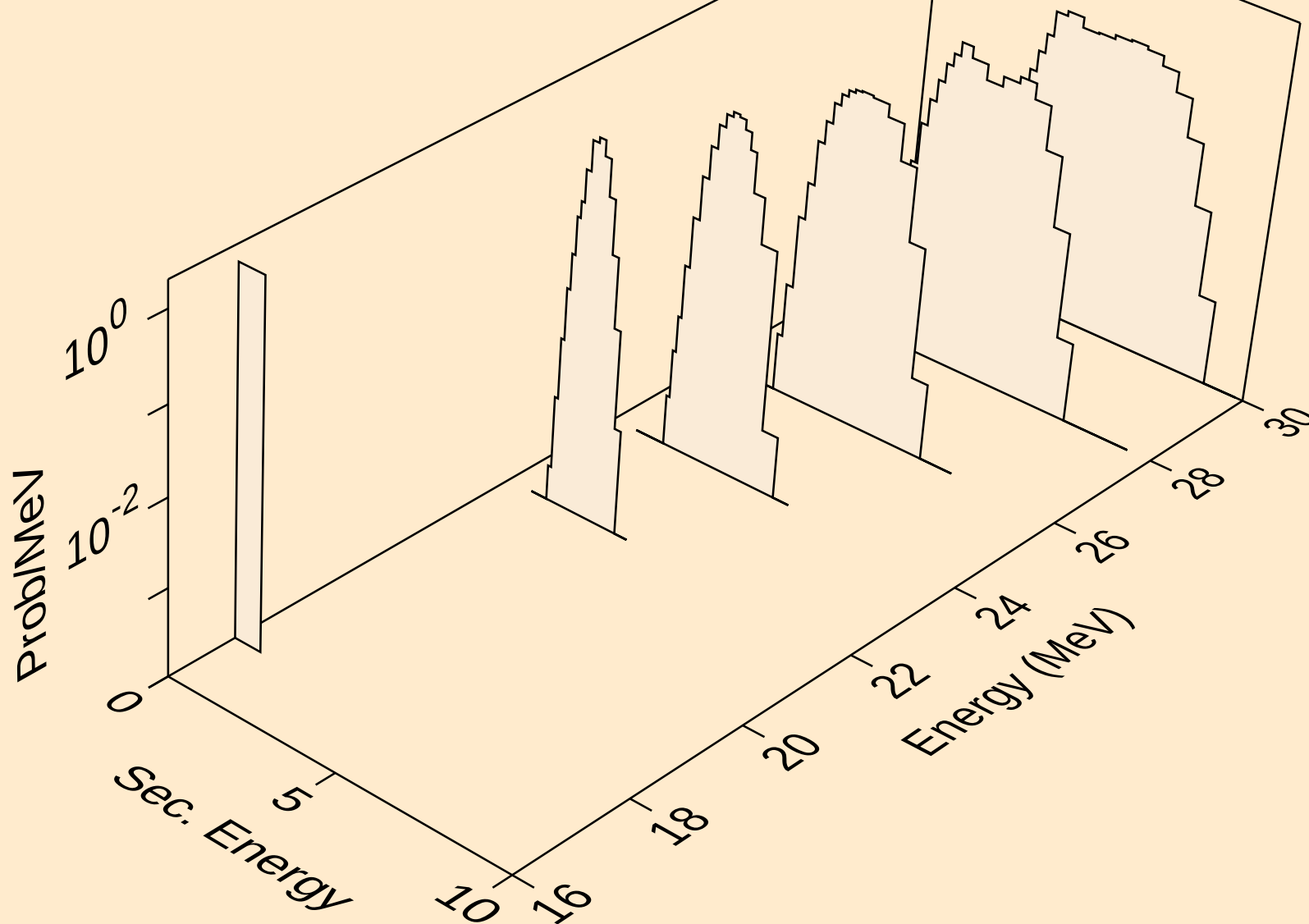
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)a



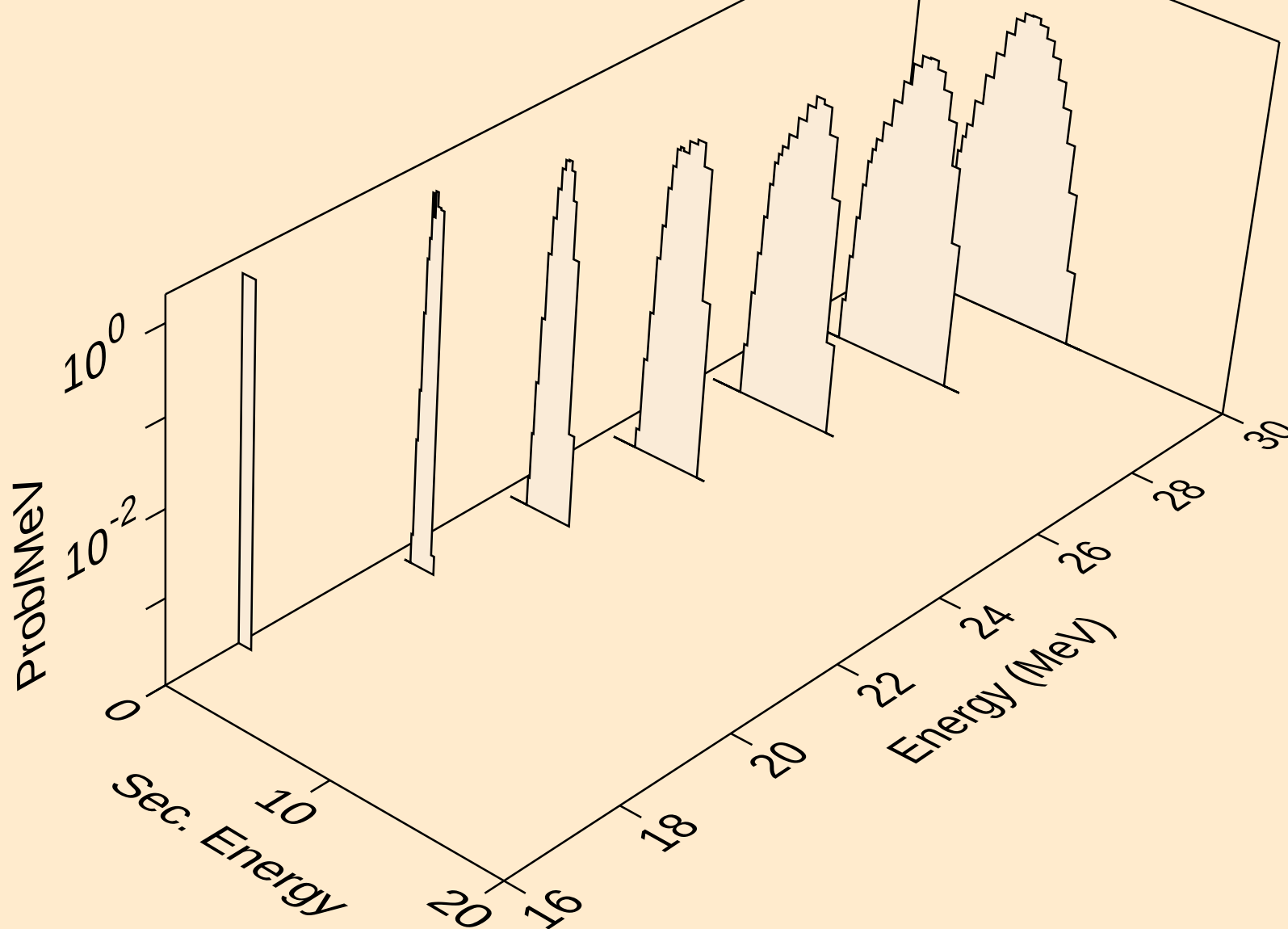
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2n)a



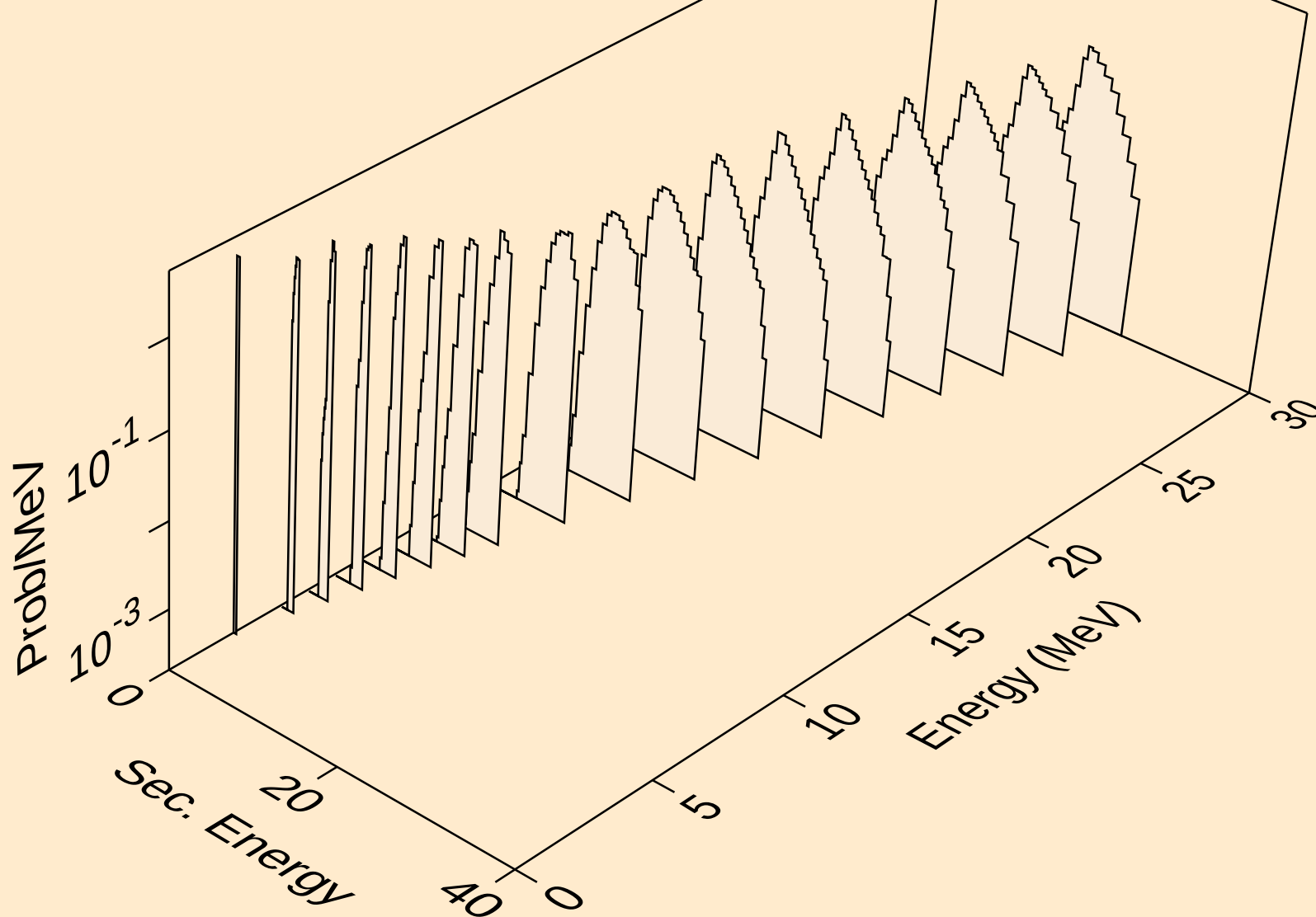
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)2a



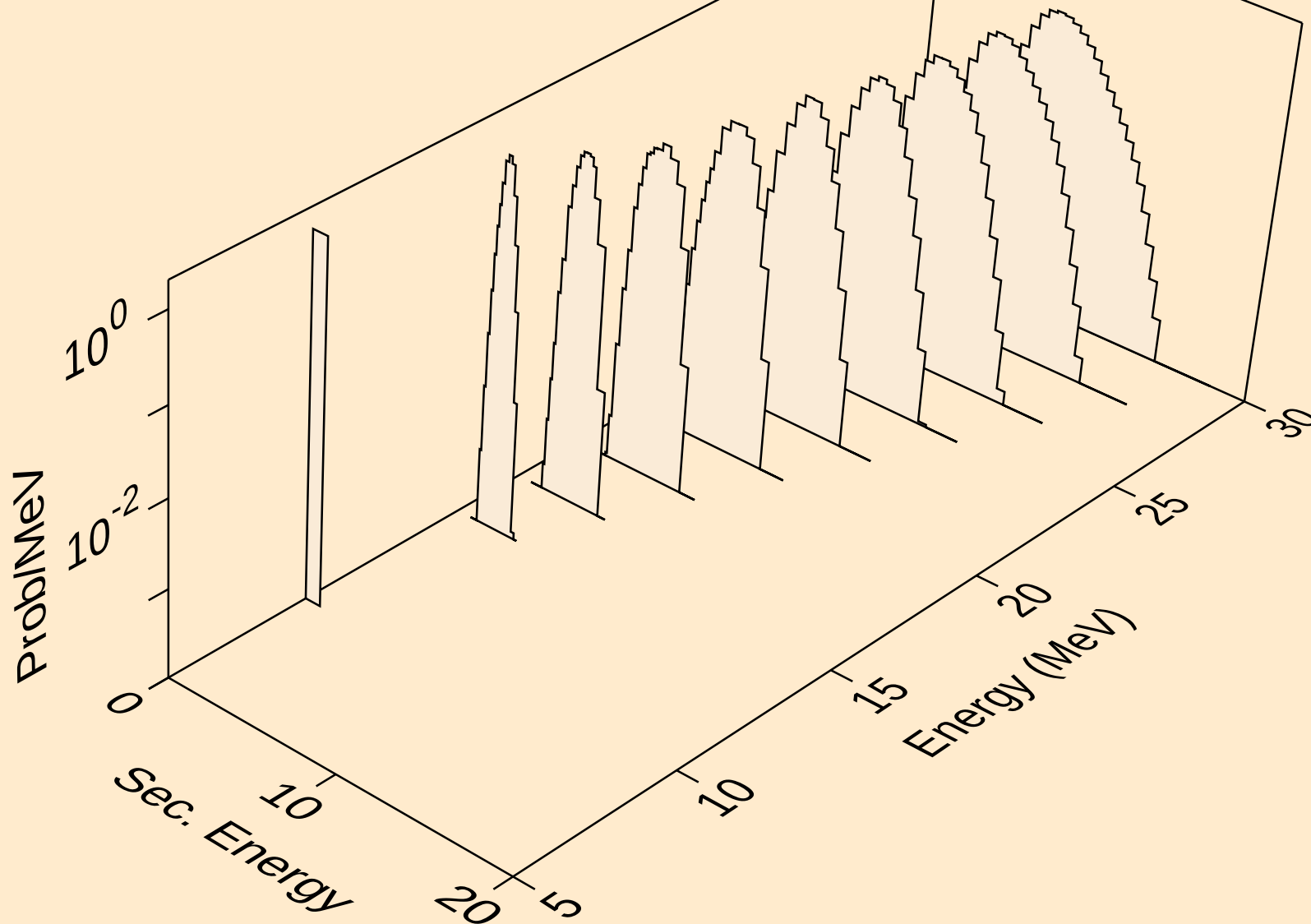
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,npa)



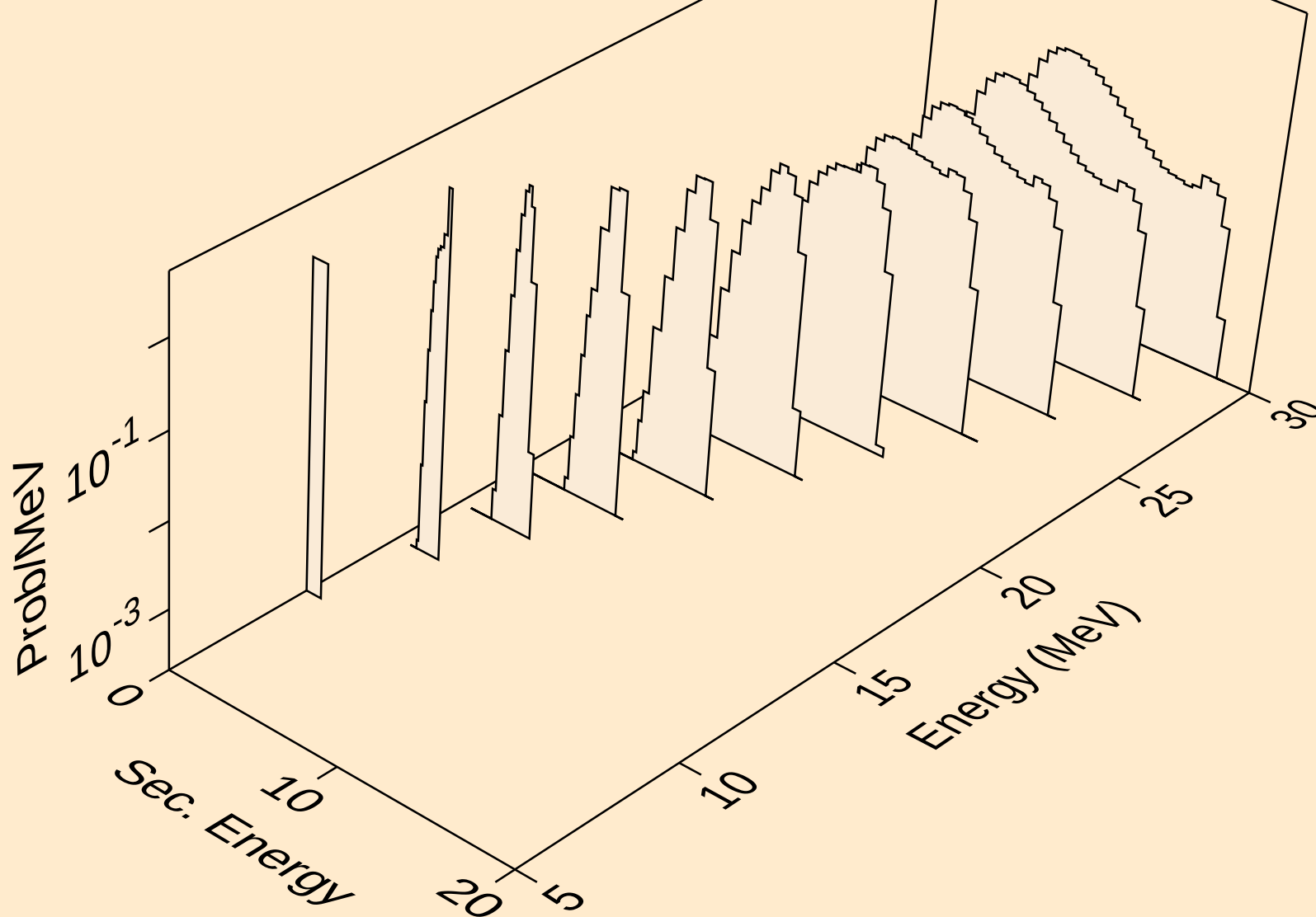
TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,a)



TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2a)



TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,pa)



TI047 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,da)

