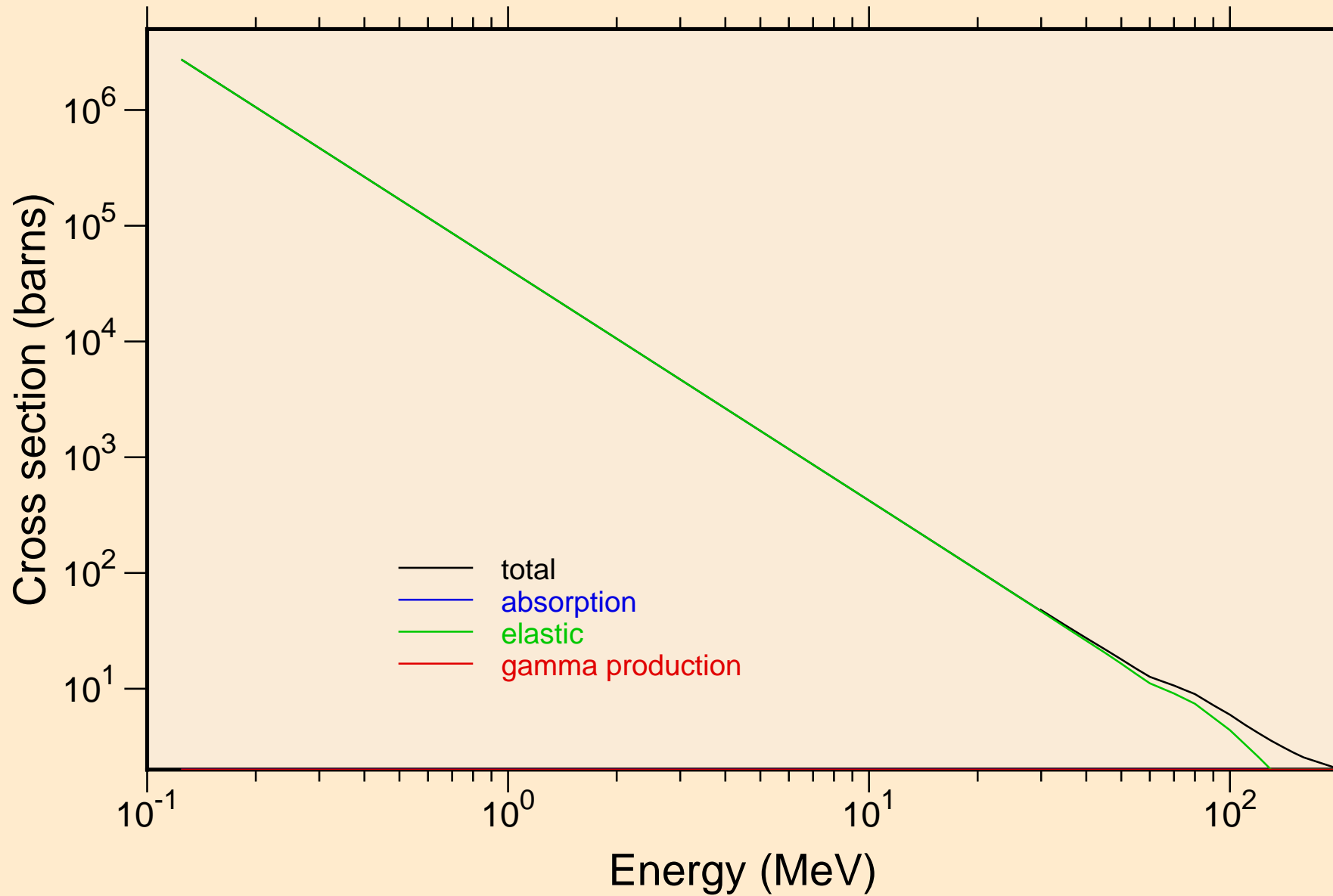
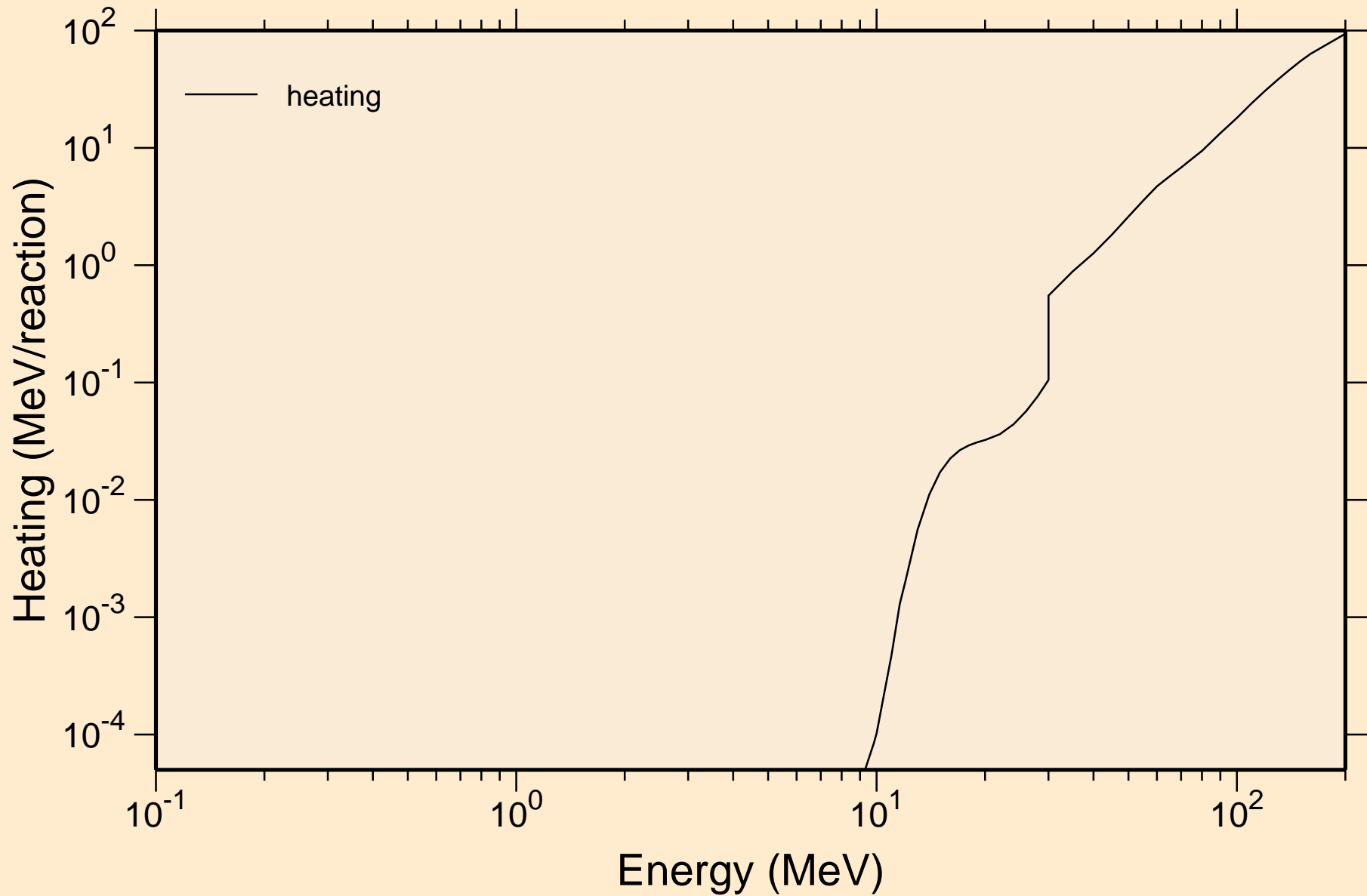


ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Principal cross sections



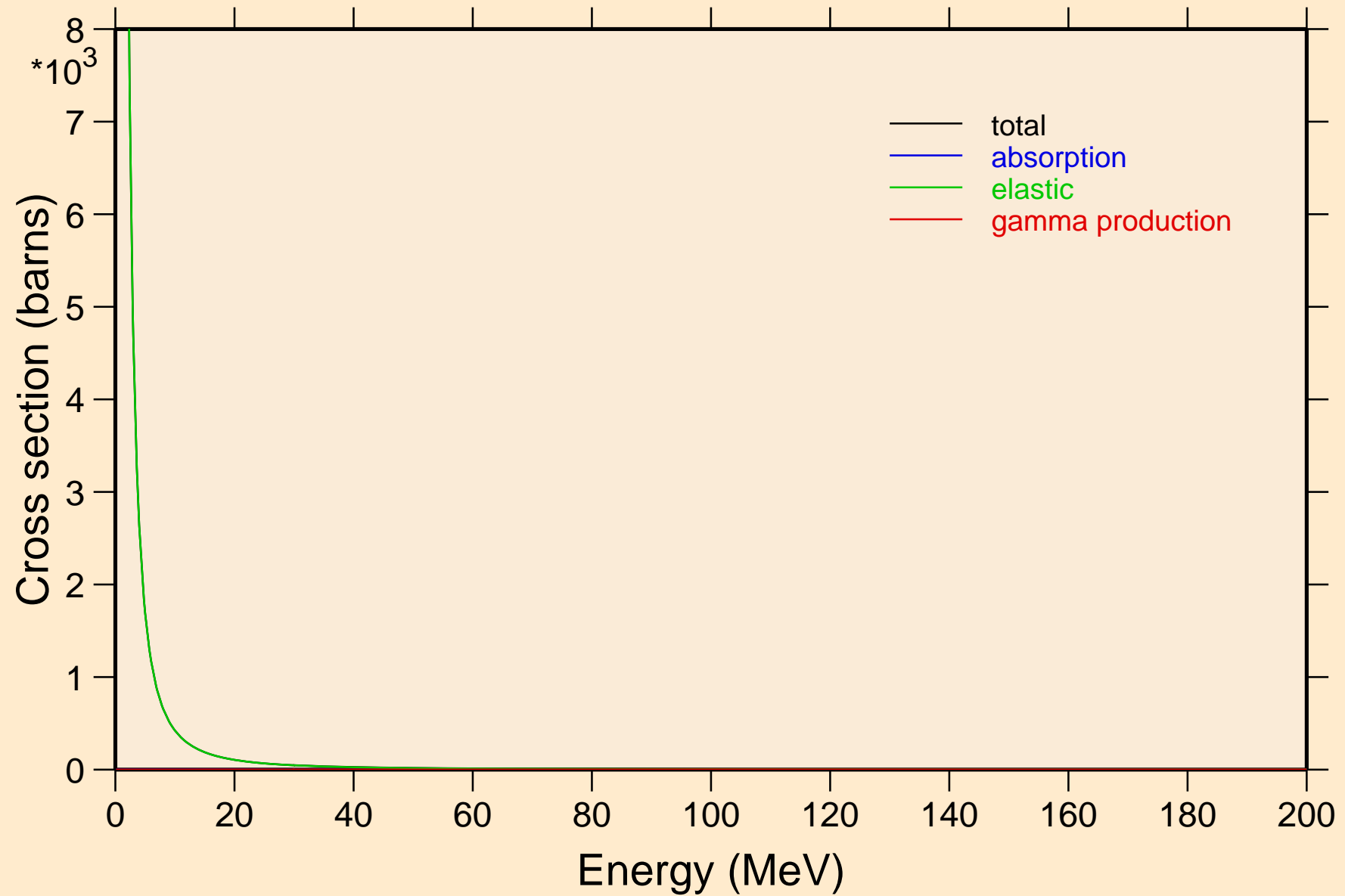
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



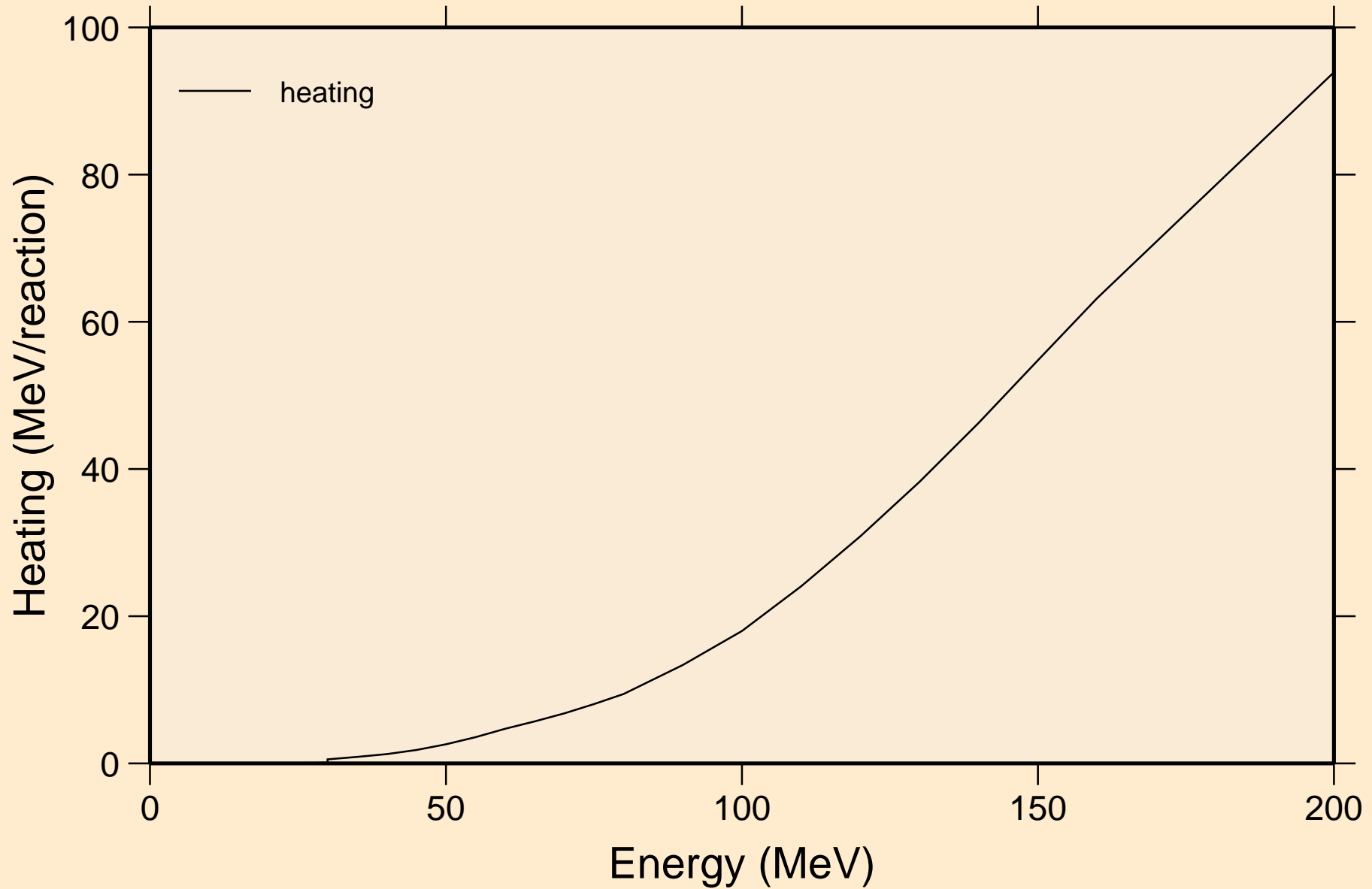
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections

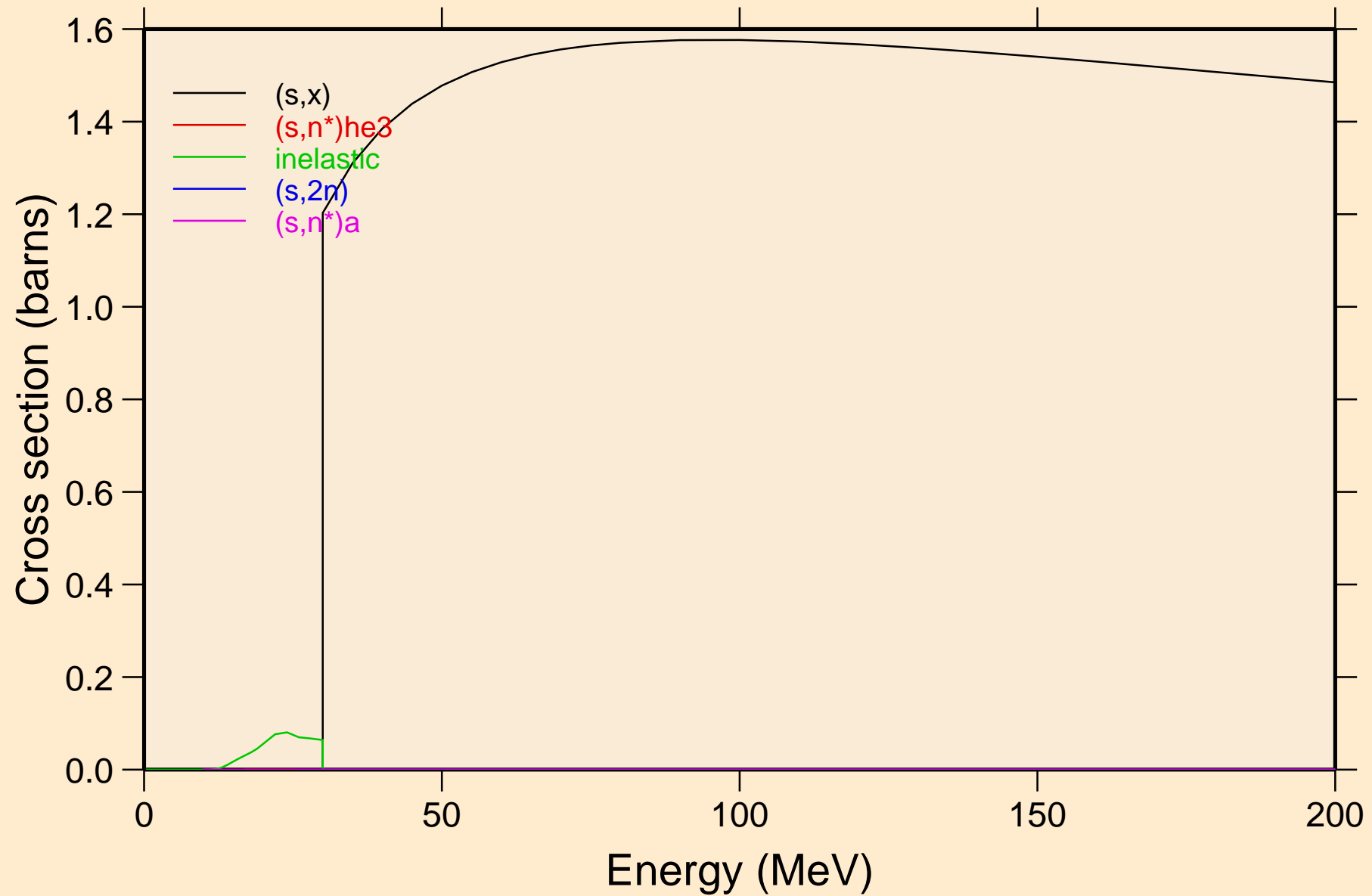


ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K

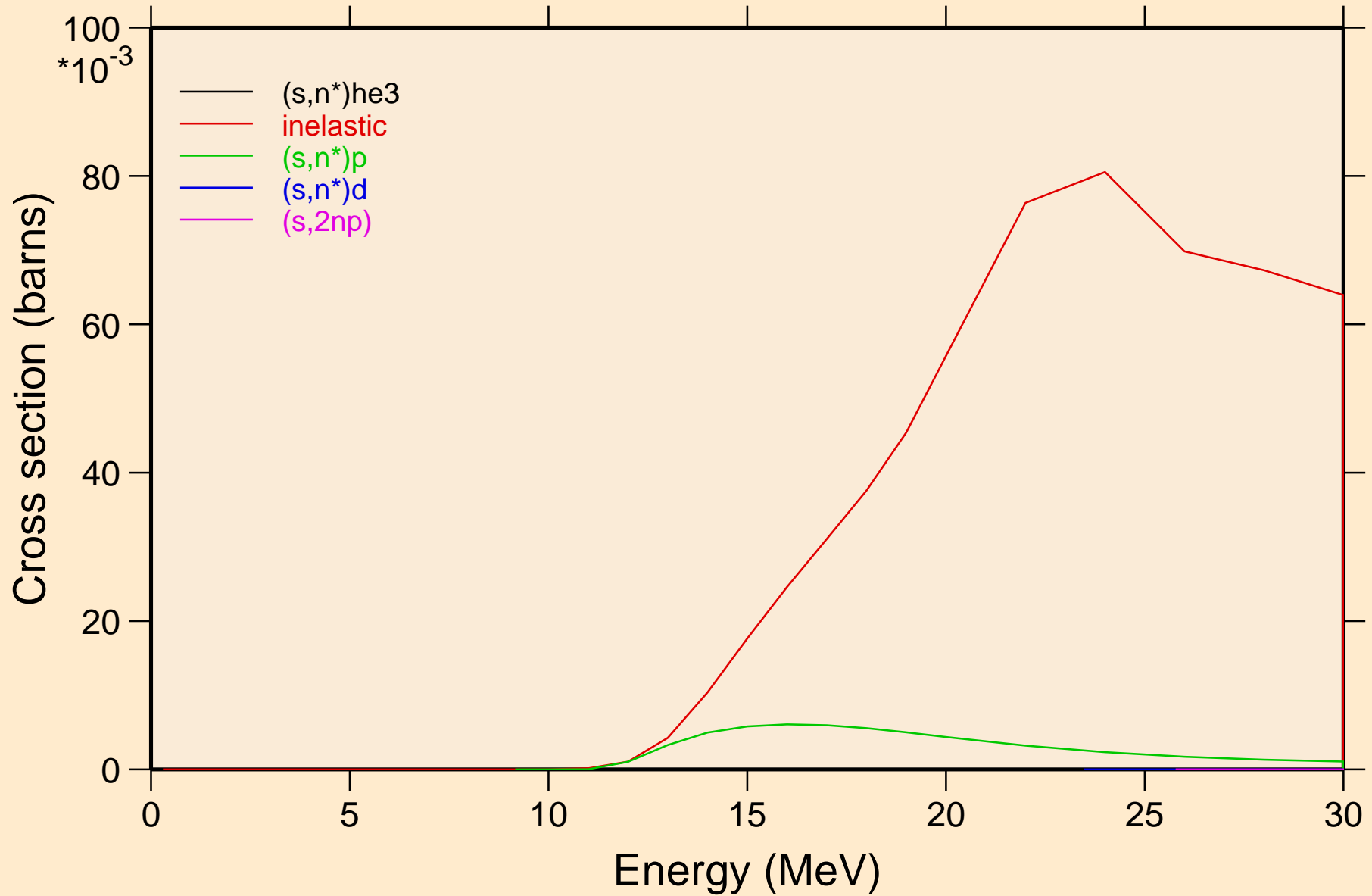
Heating



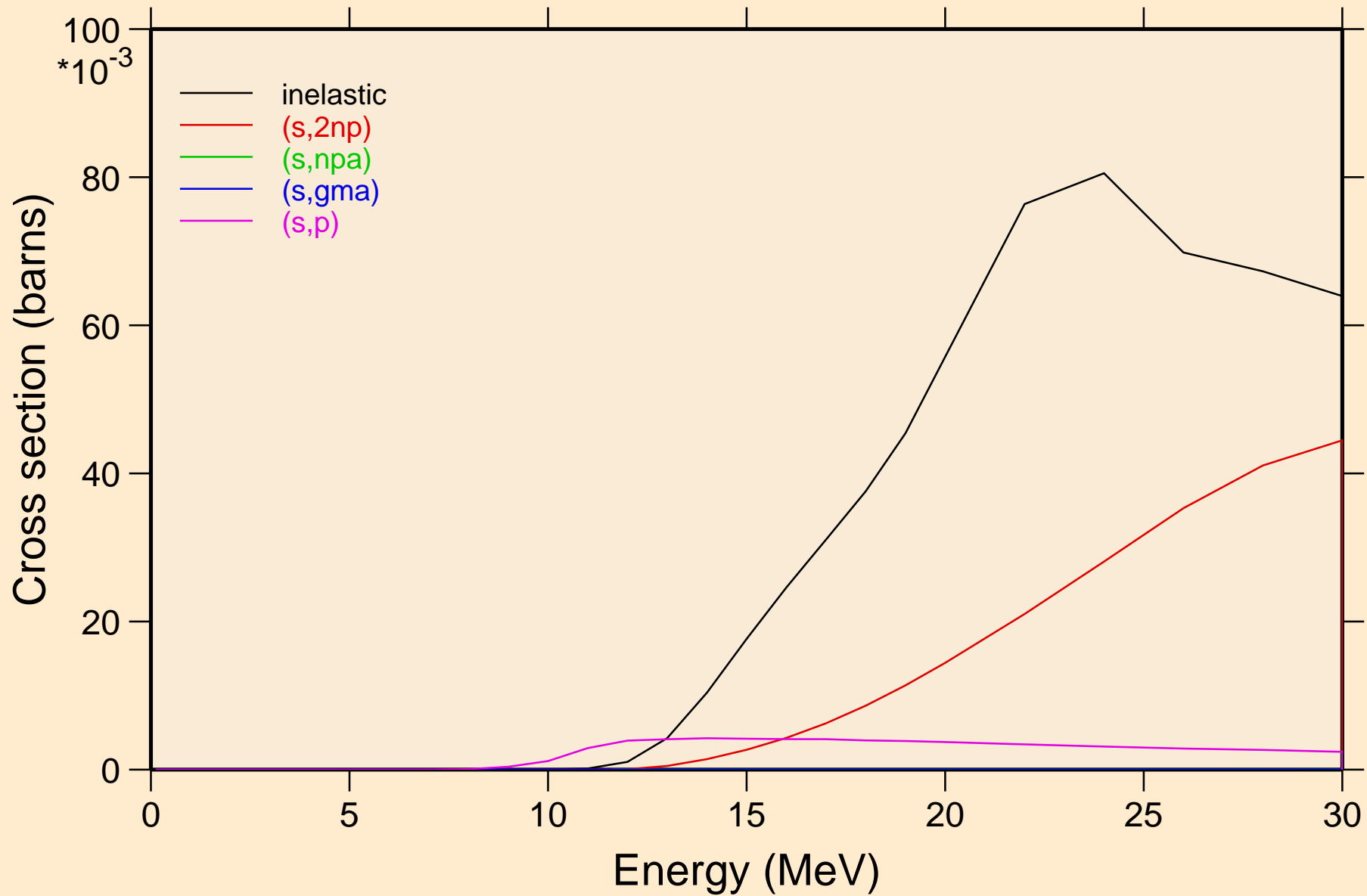
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions



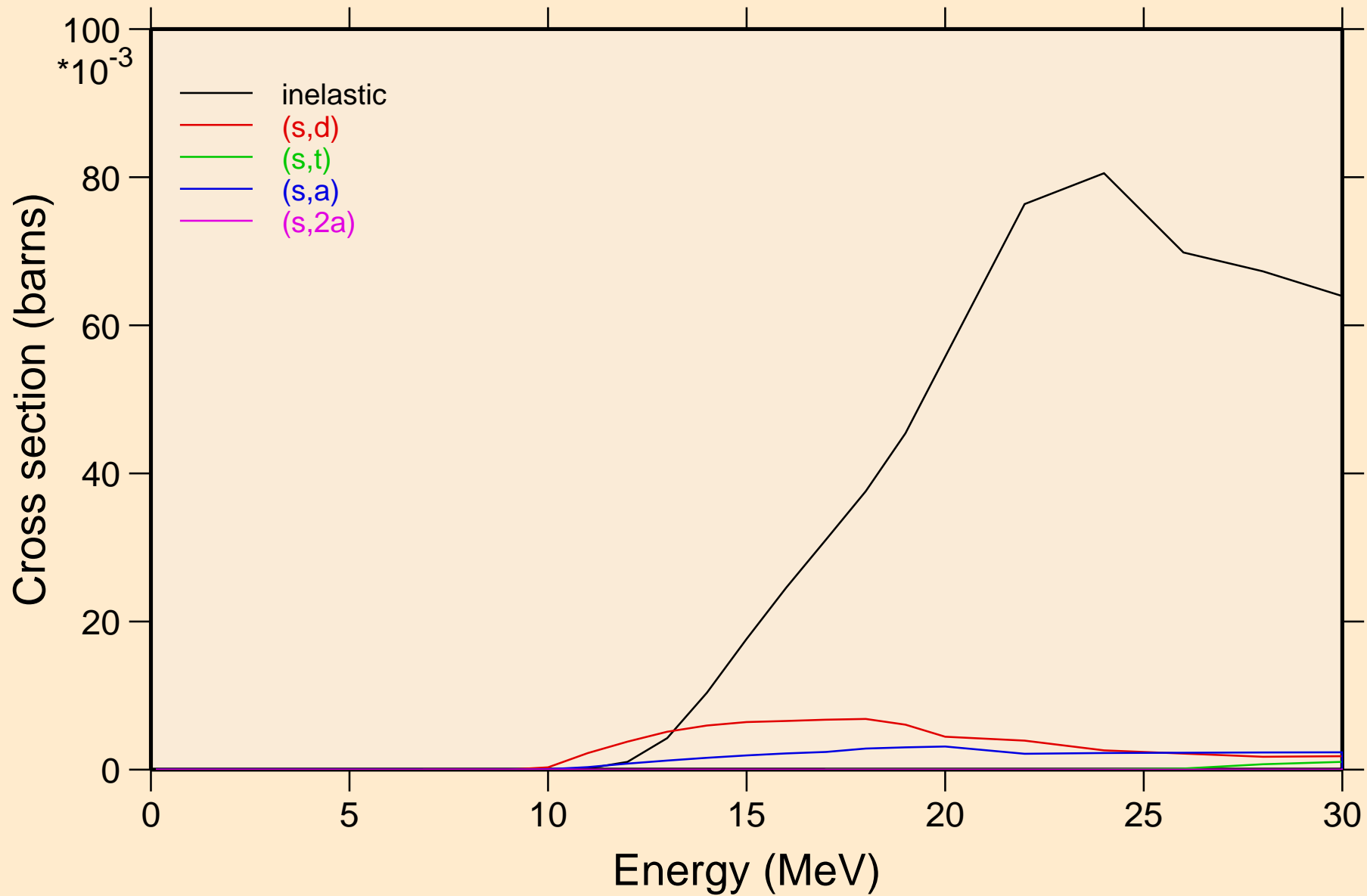
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions



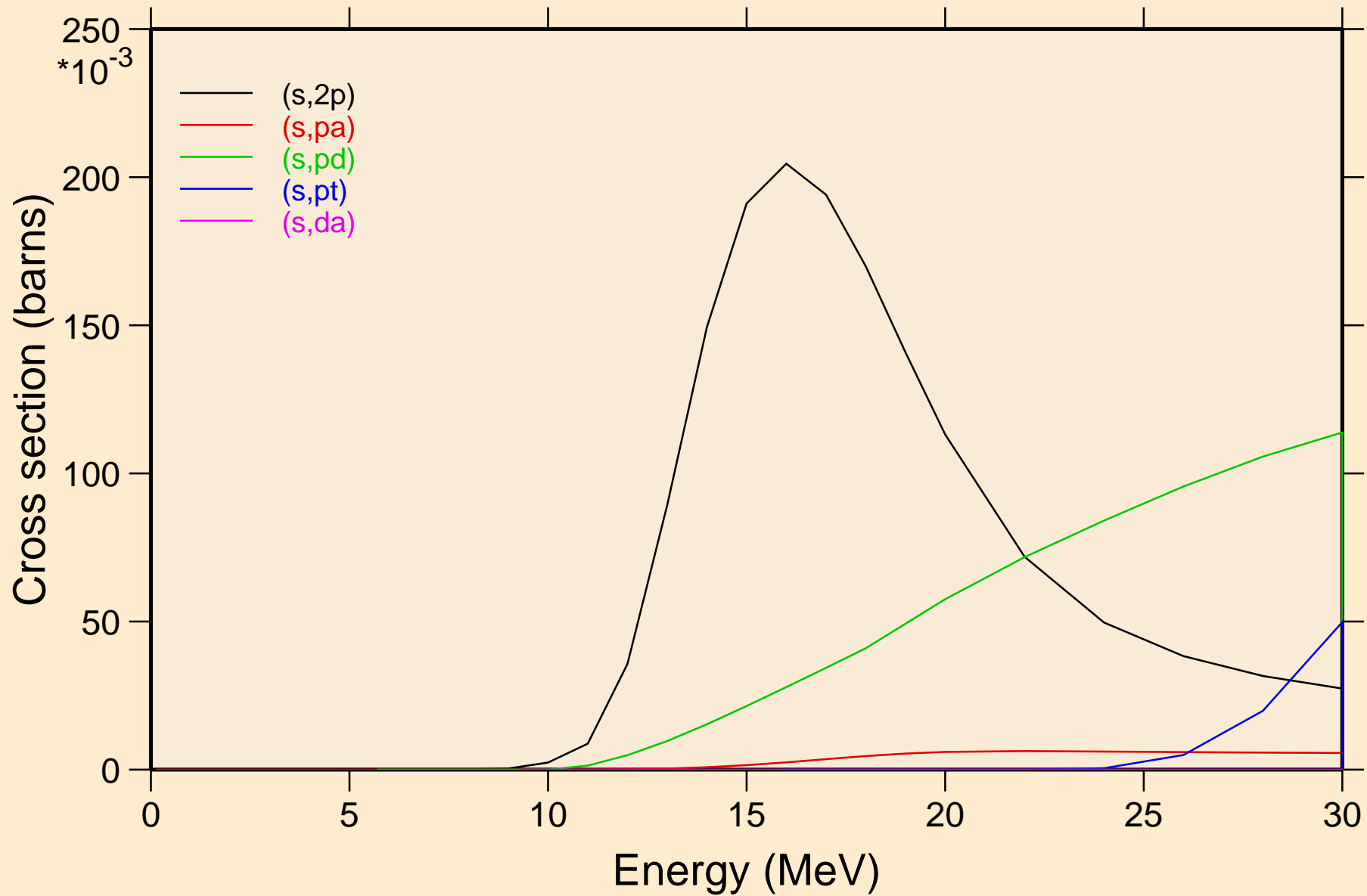
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions



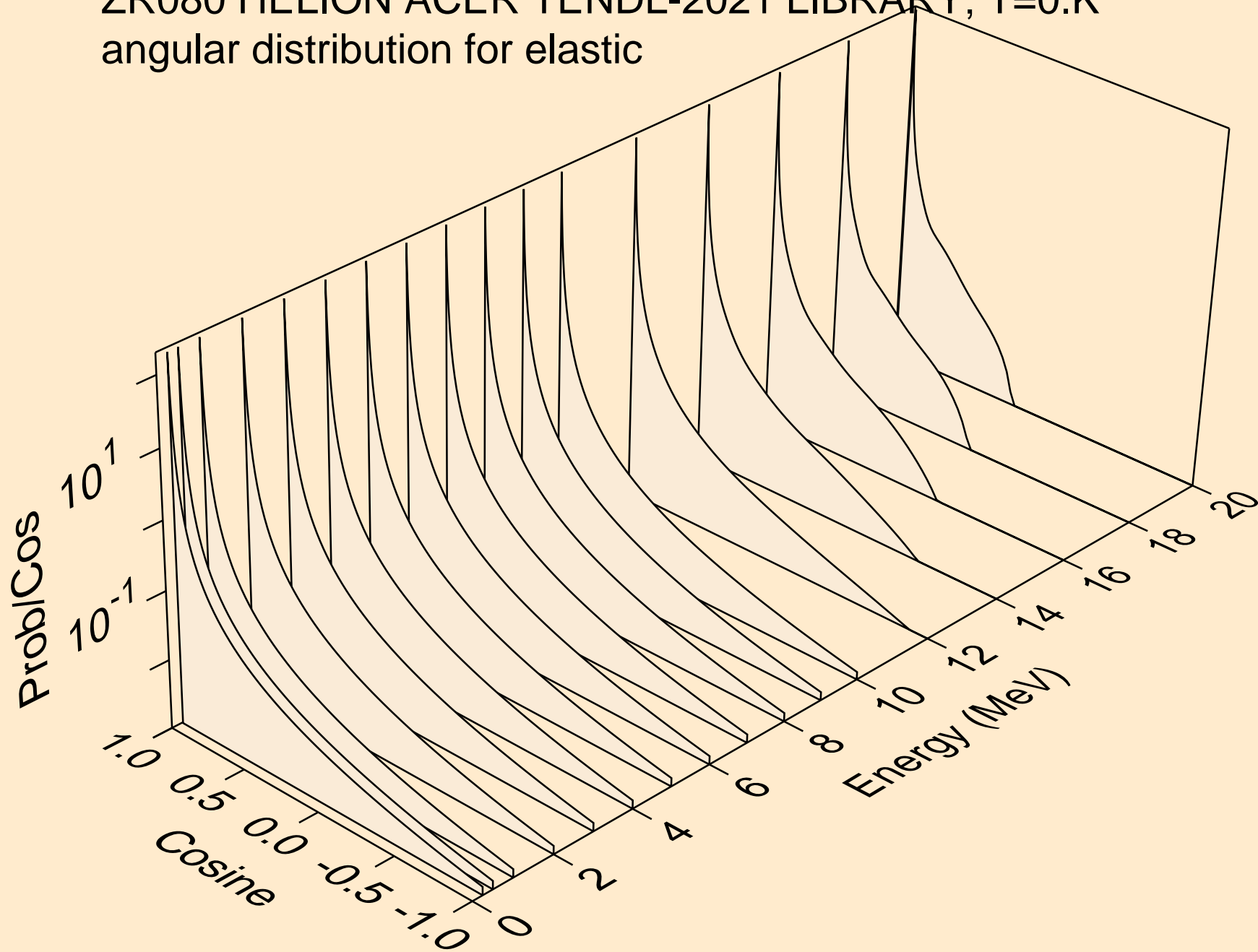
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions



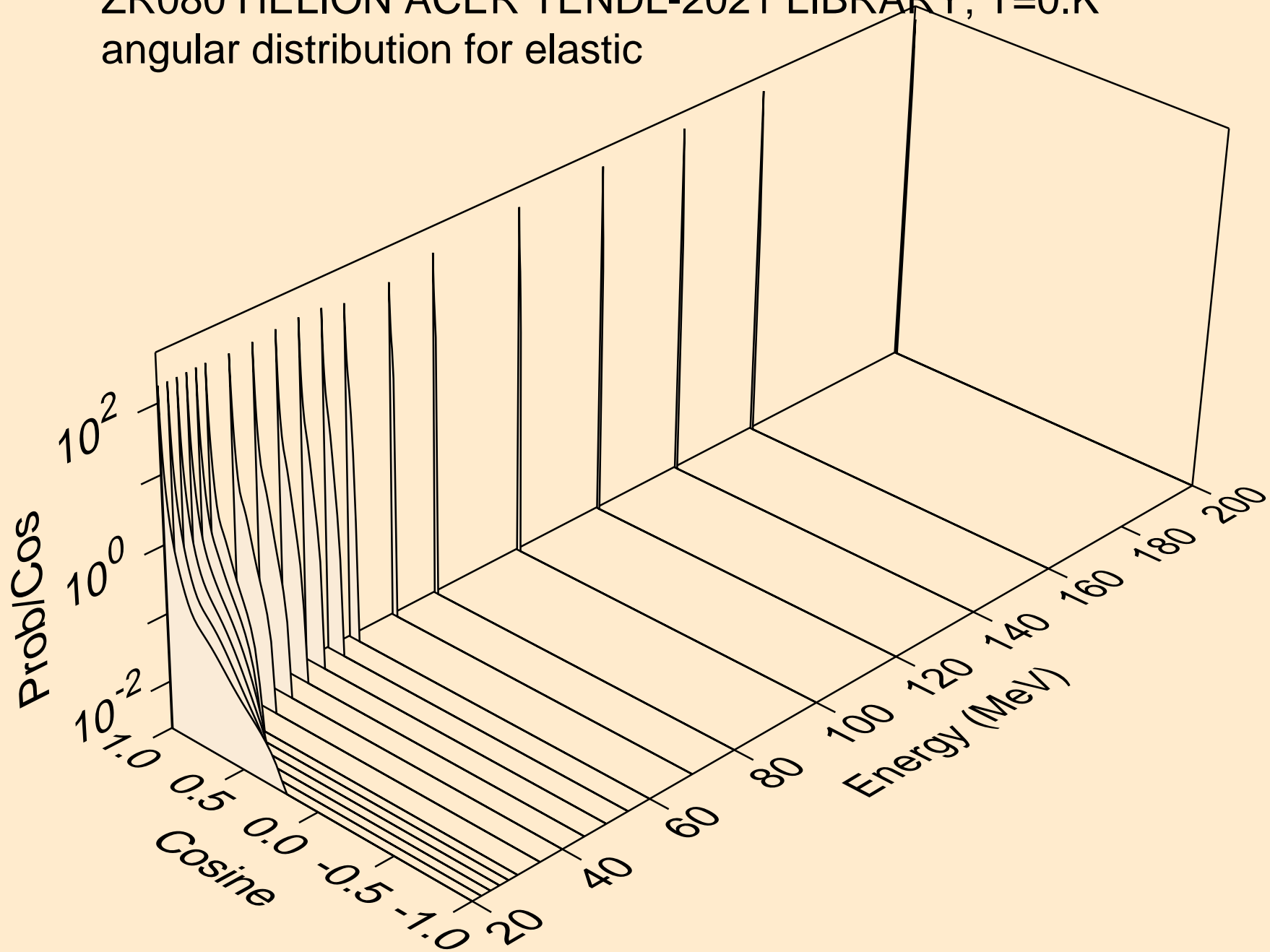
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions



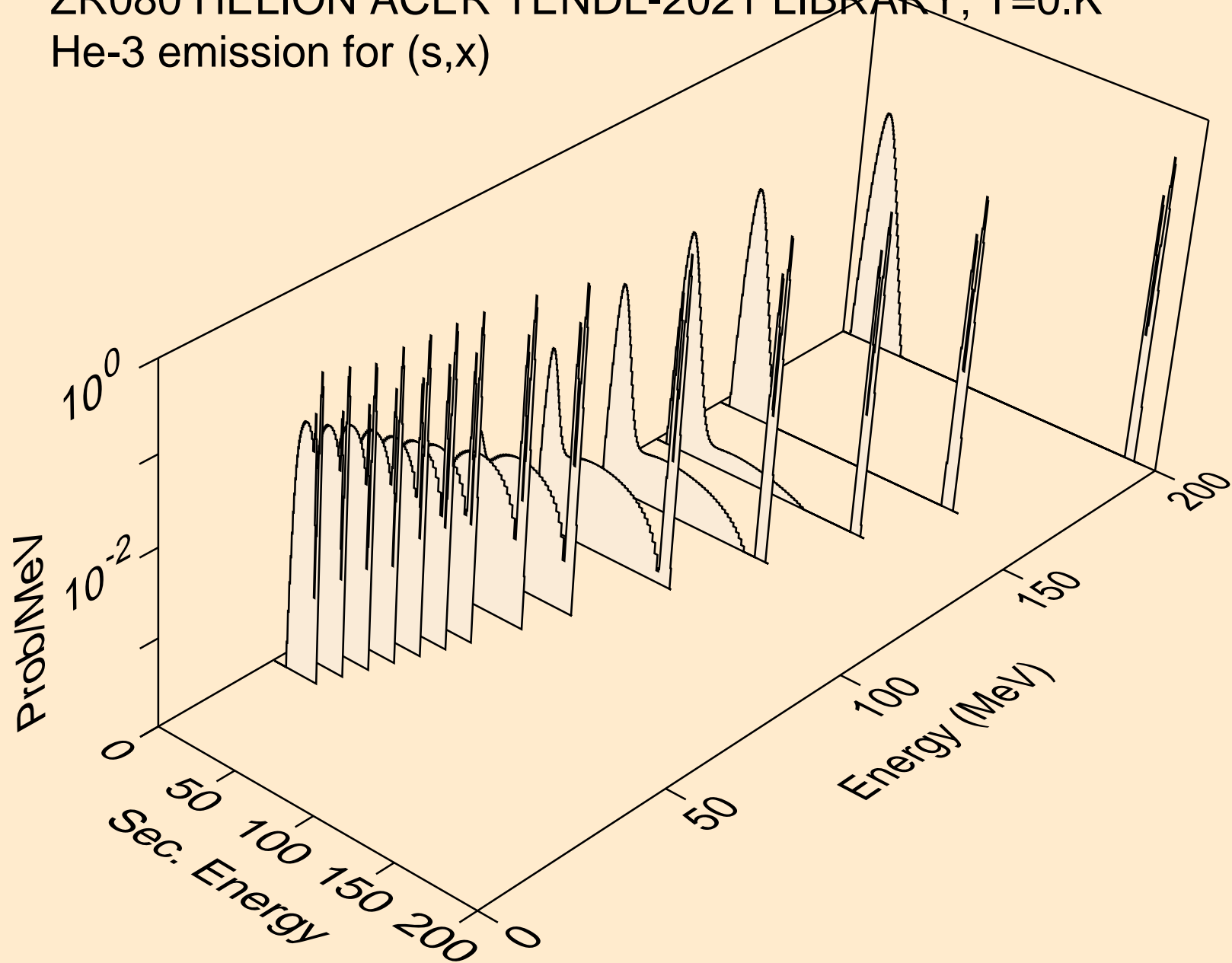
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic



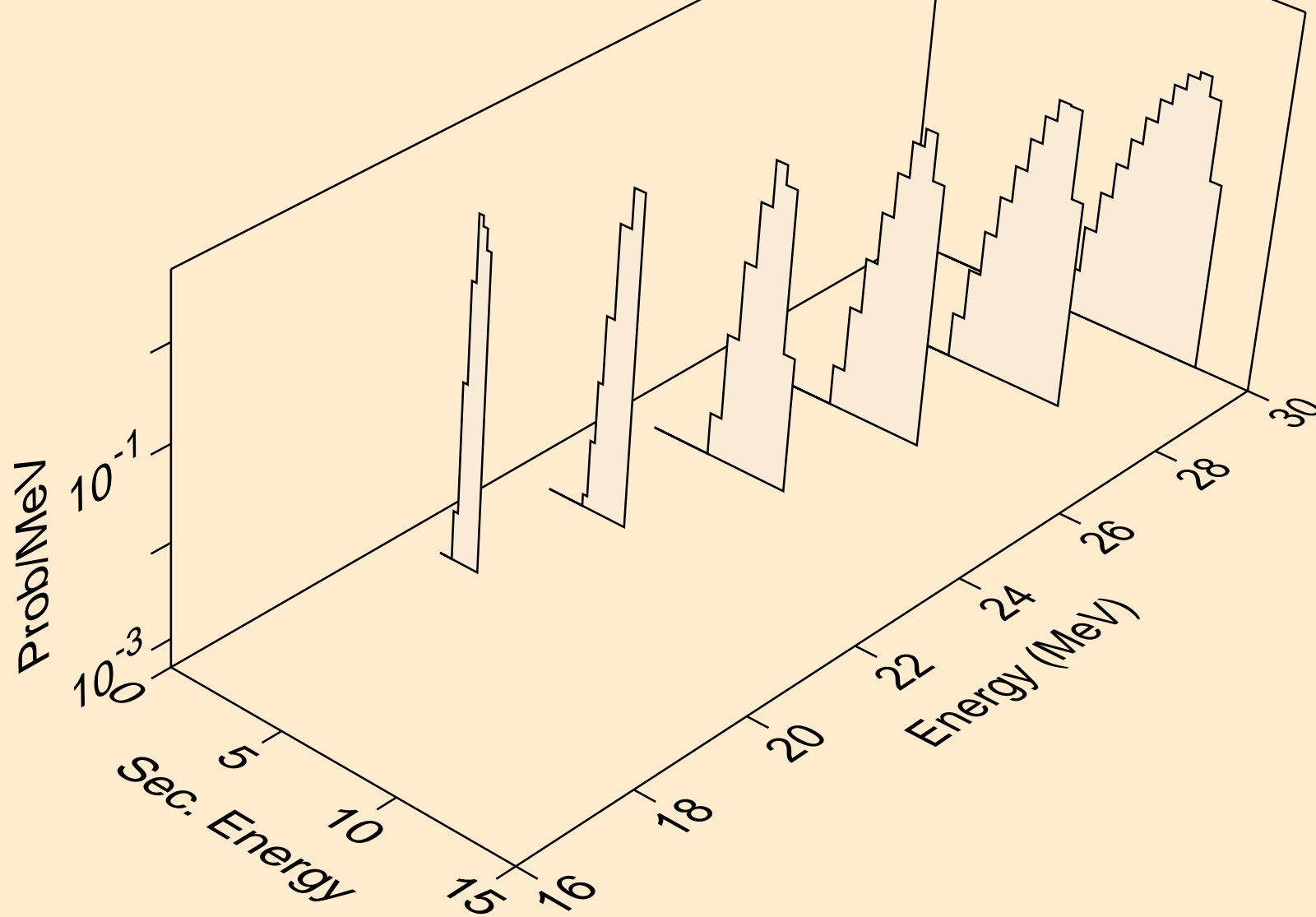
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic



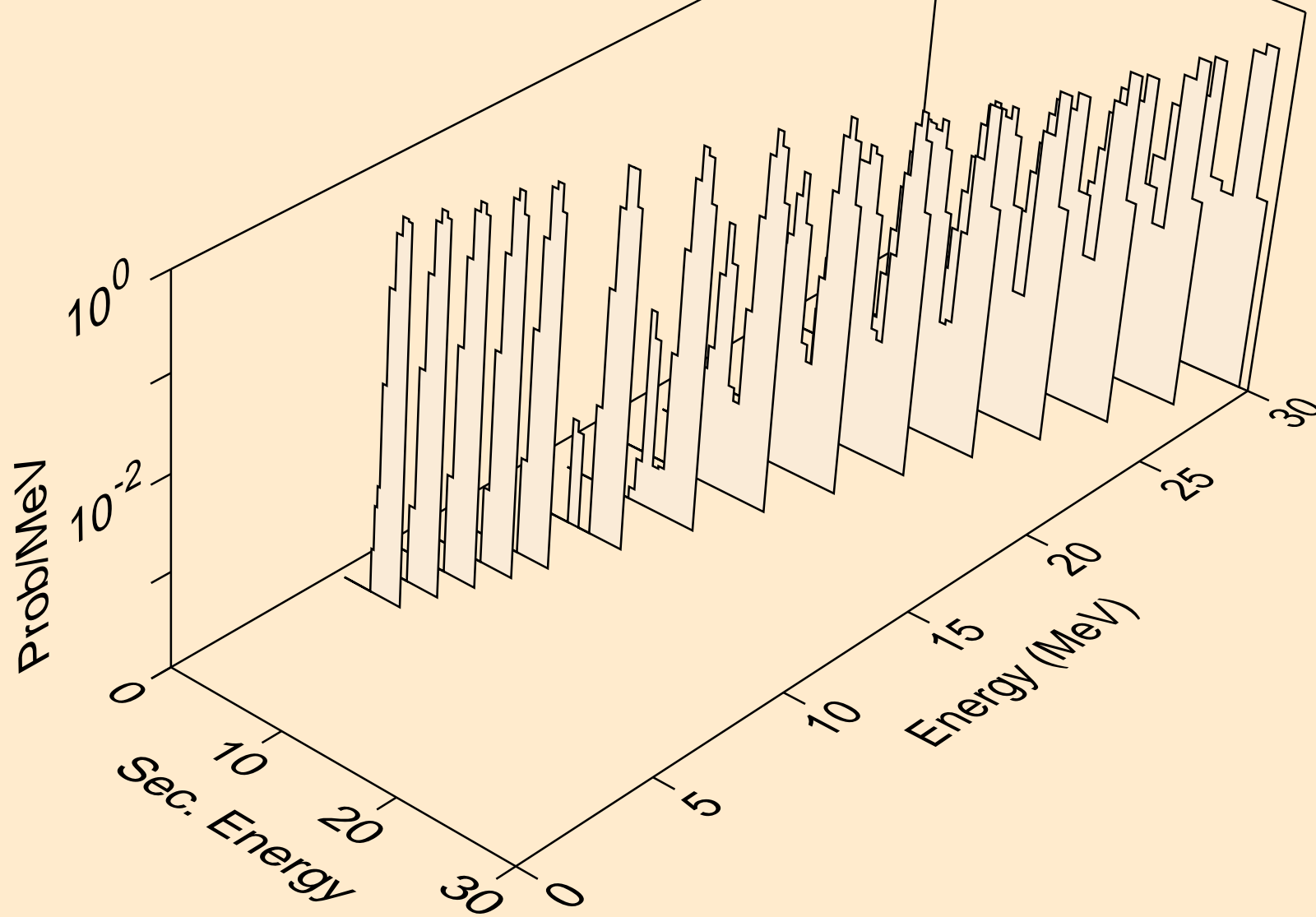
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
He-3 emission for (s,x)



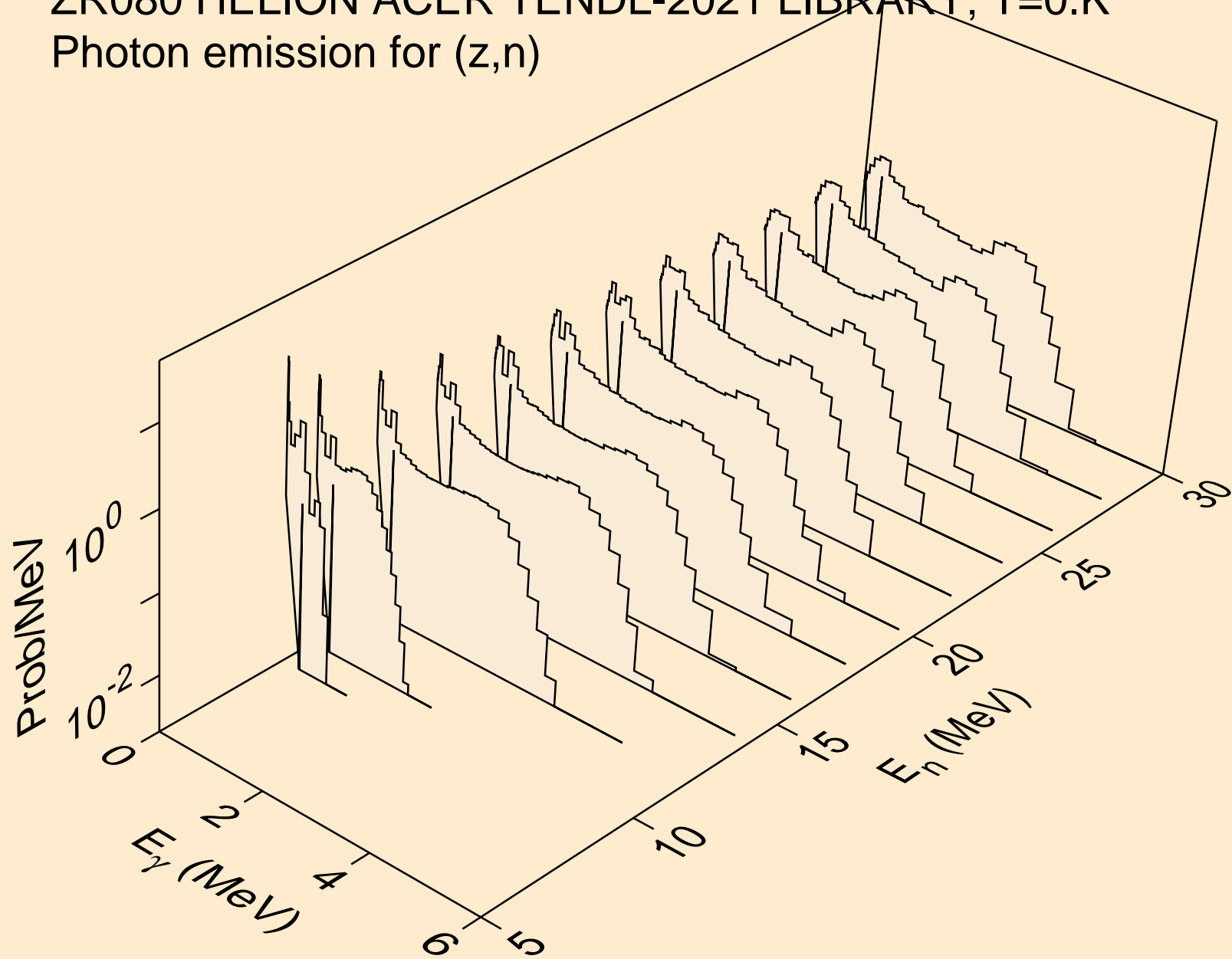
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



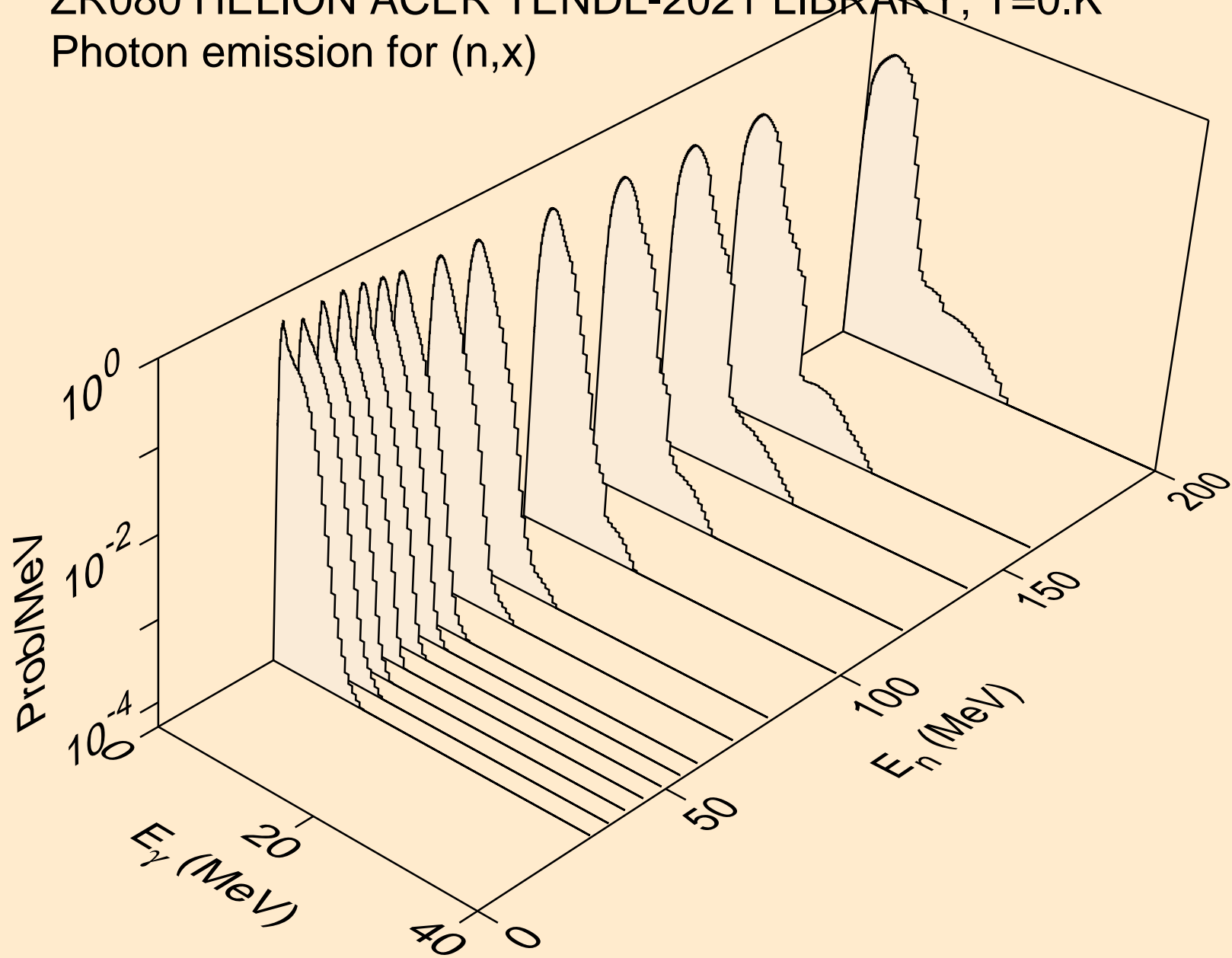
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
He-3 emission for inelastic



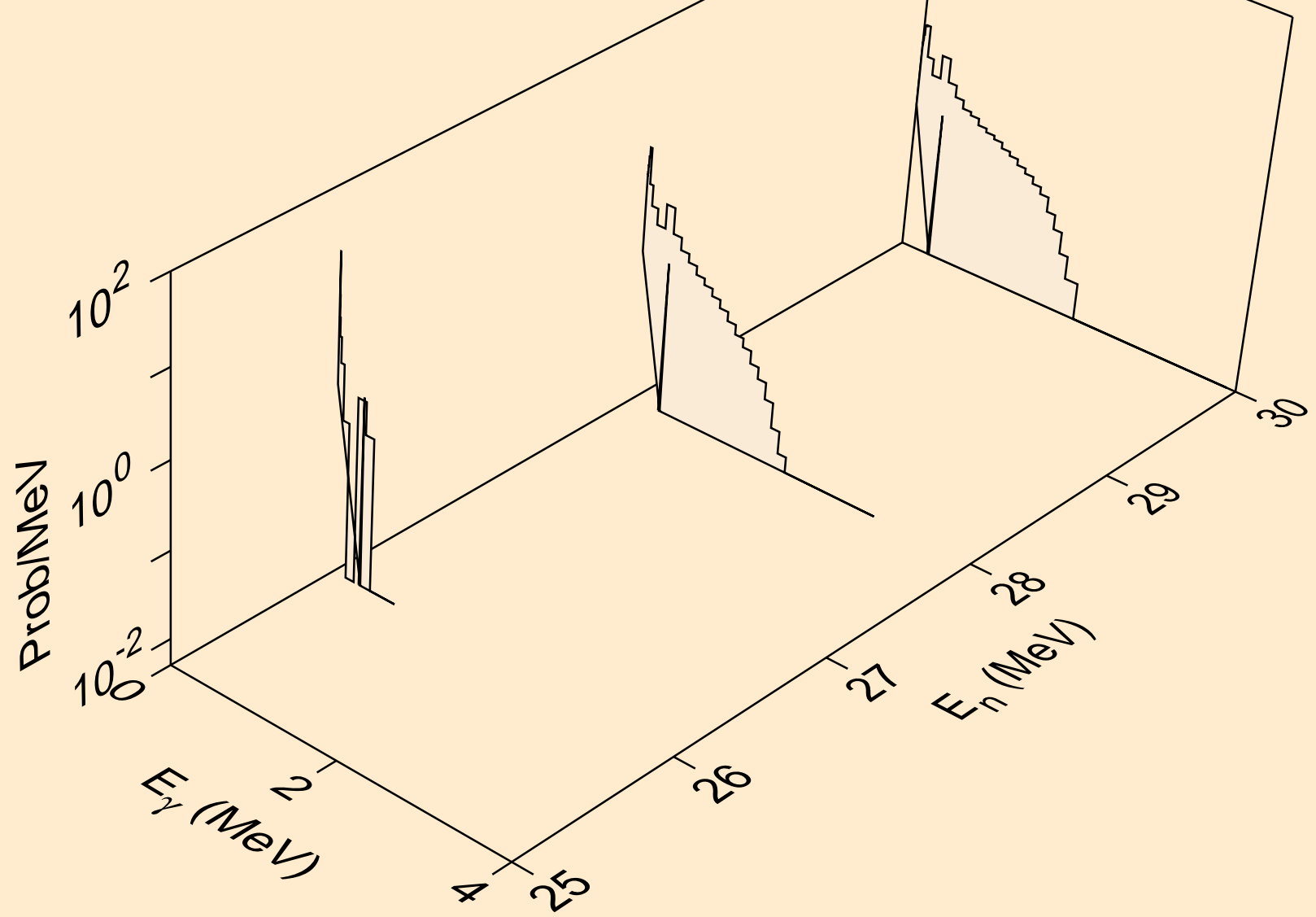
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (z,n)



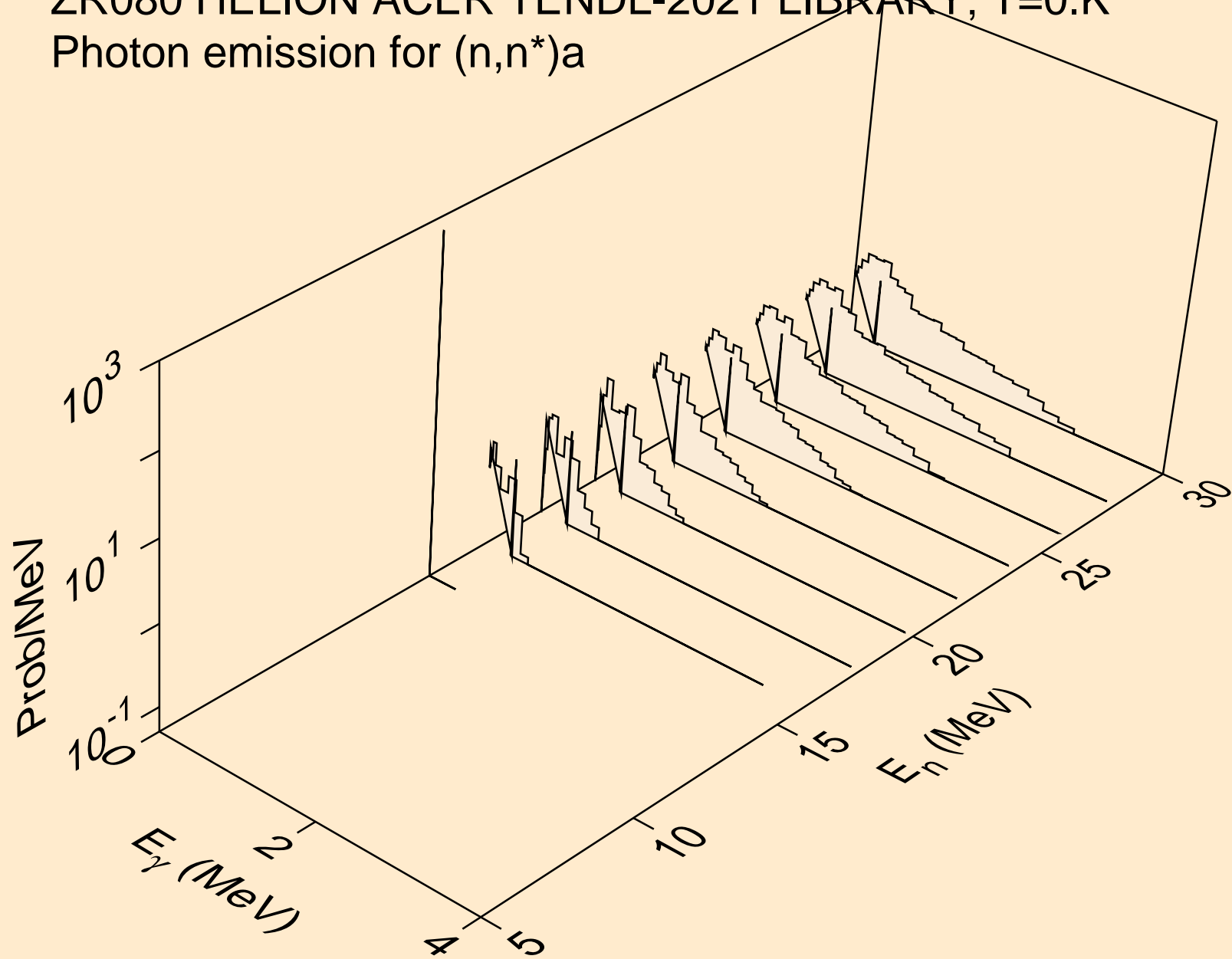
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,x)



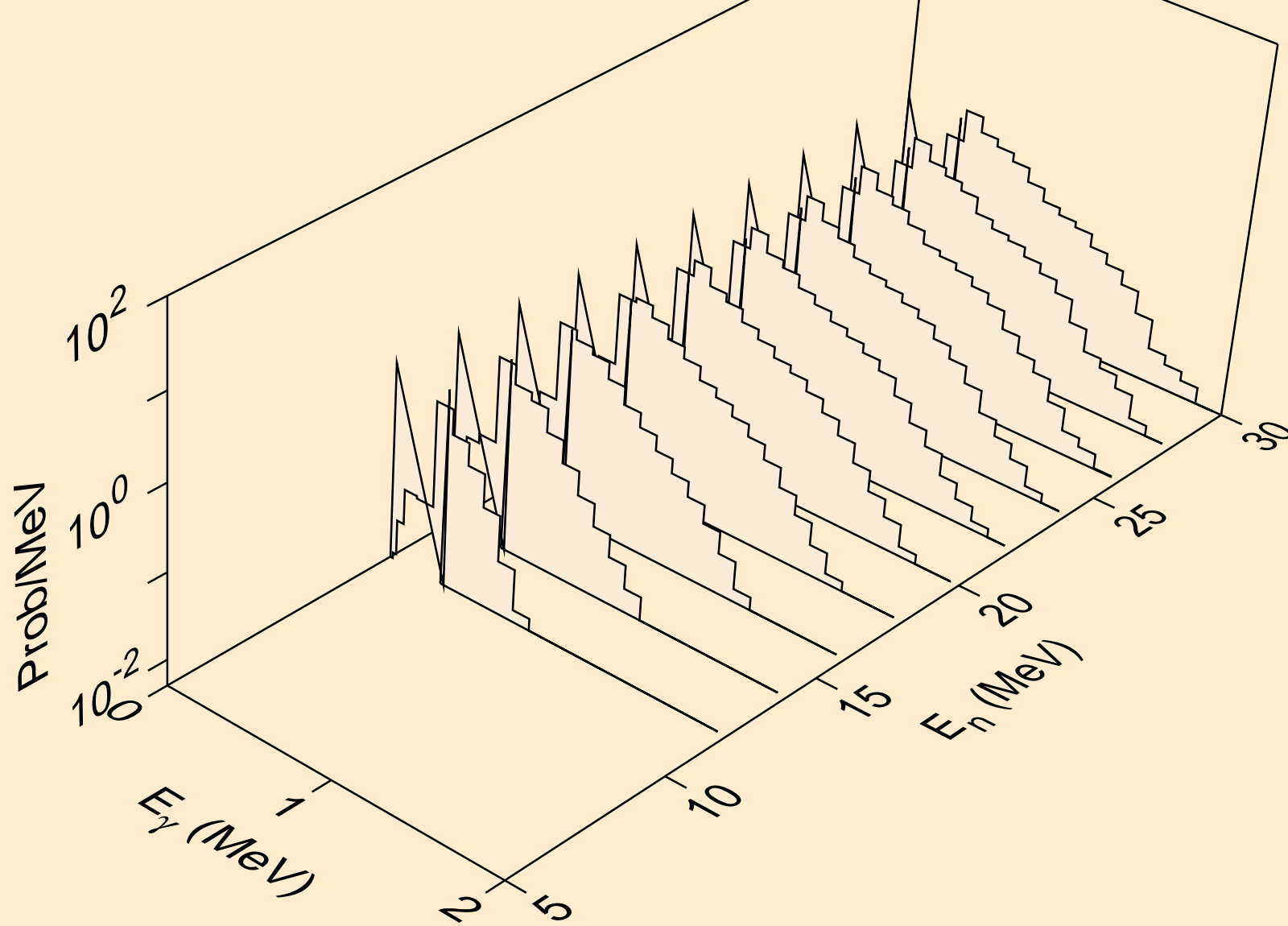
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)



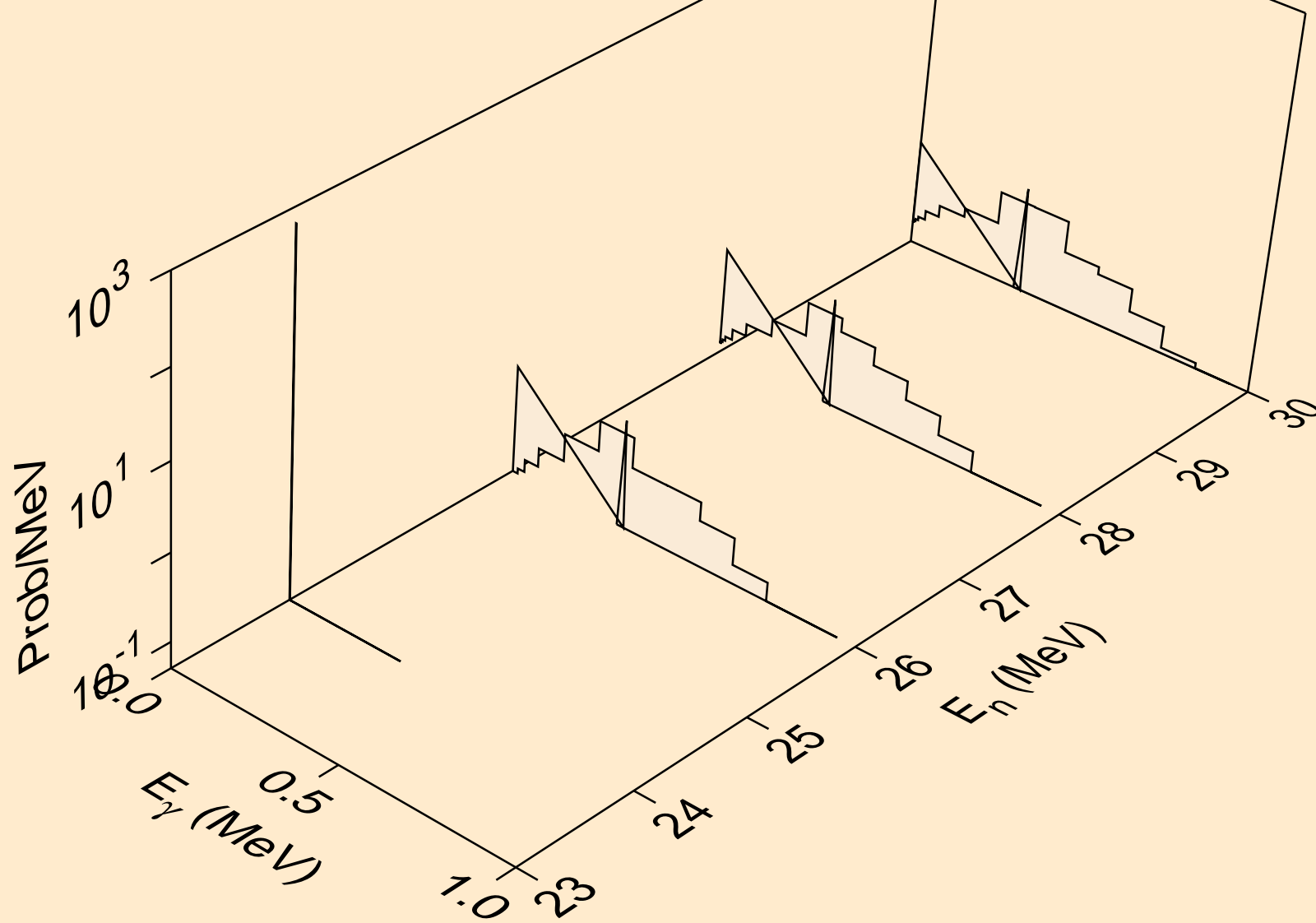
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)a



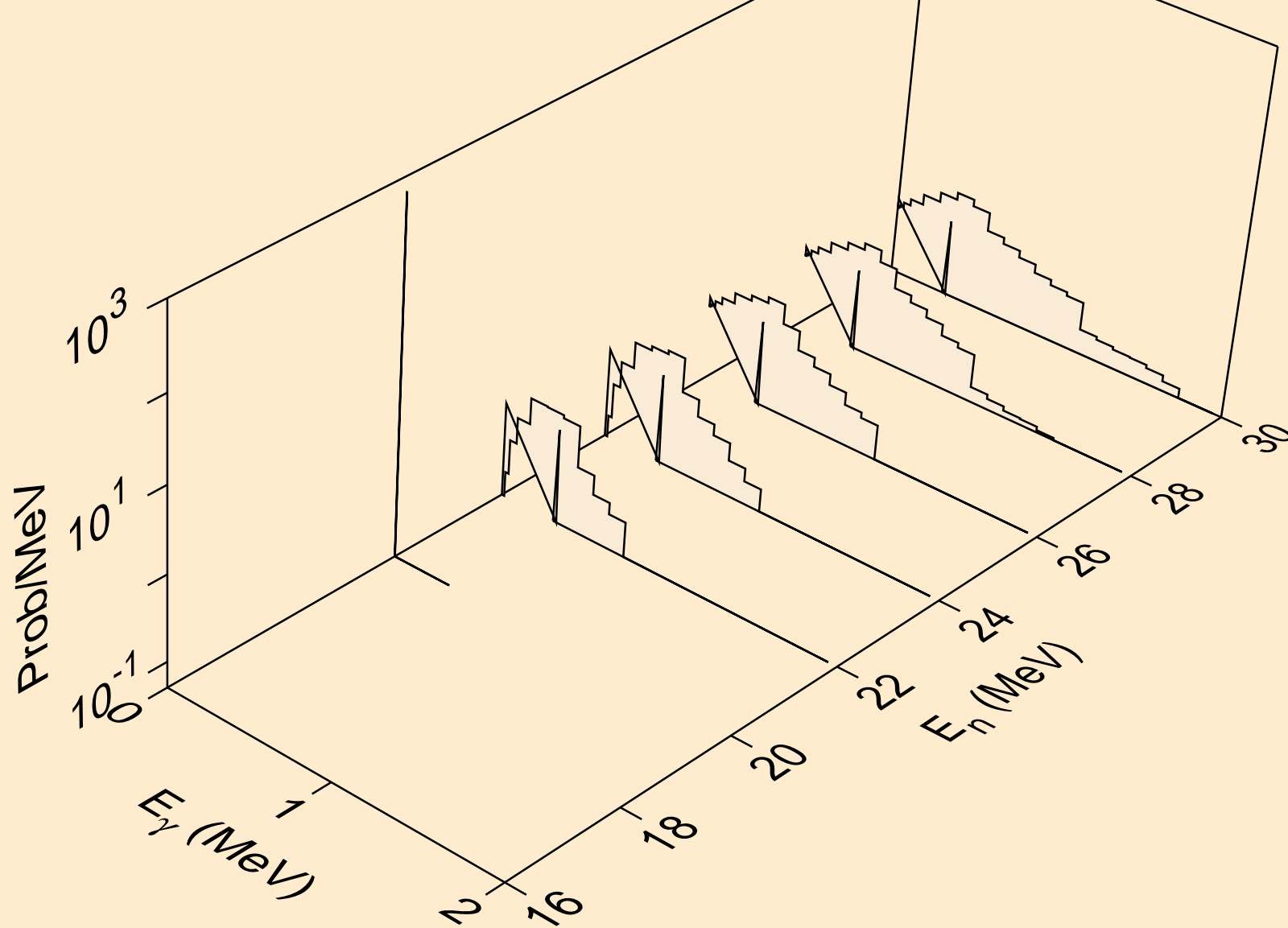
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)p



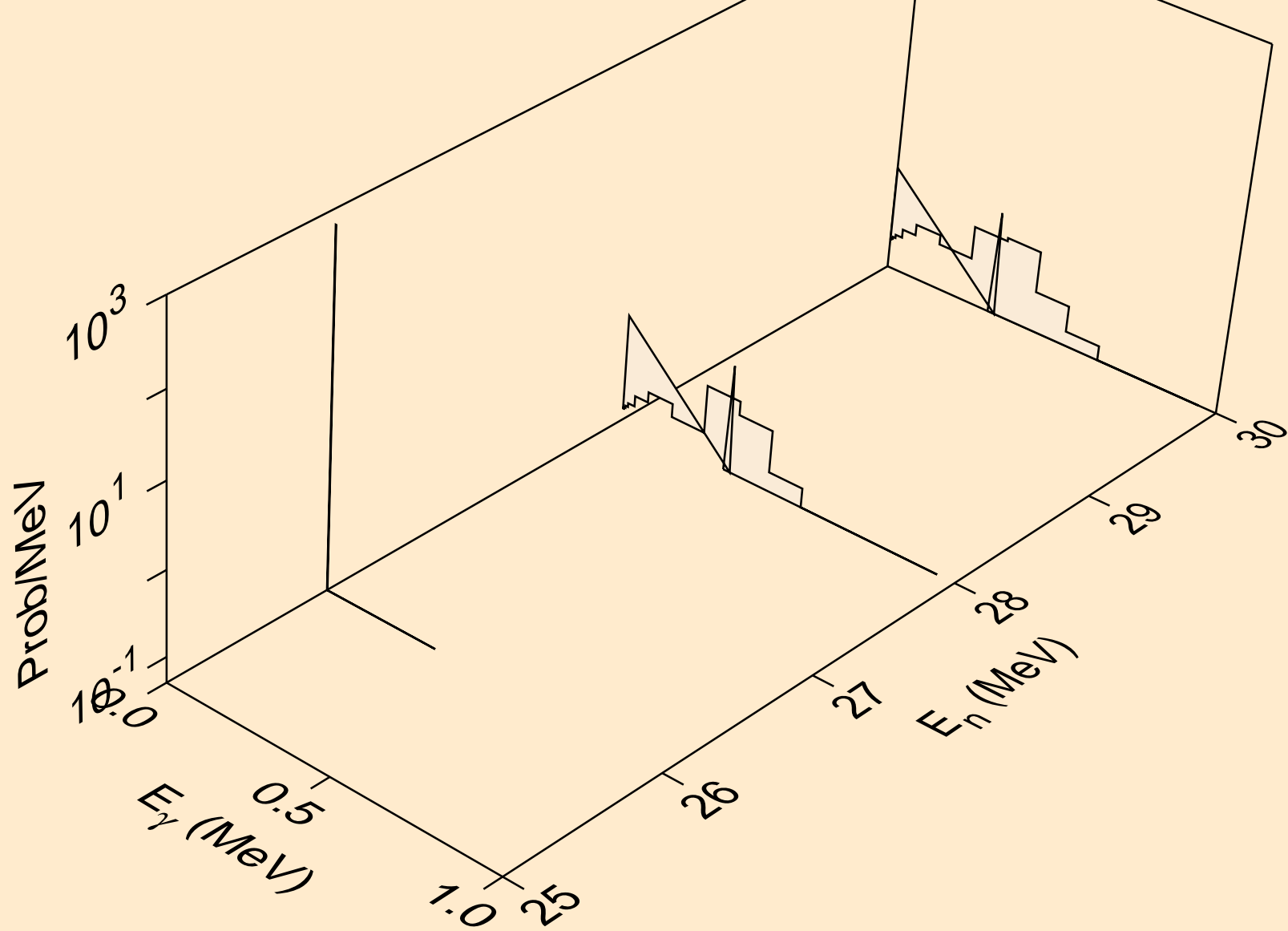
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)d



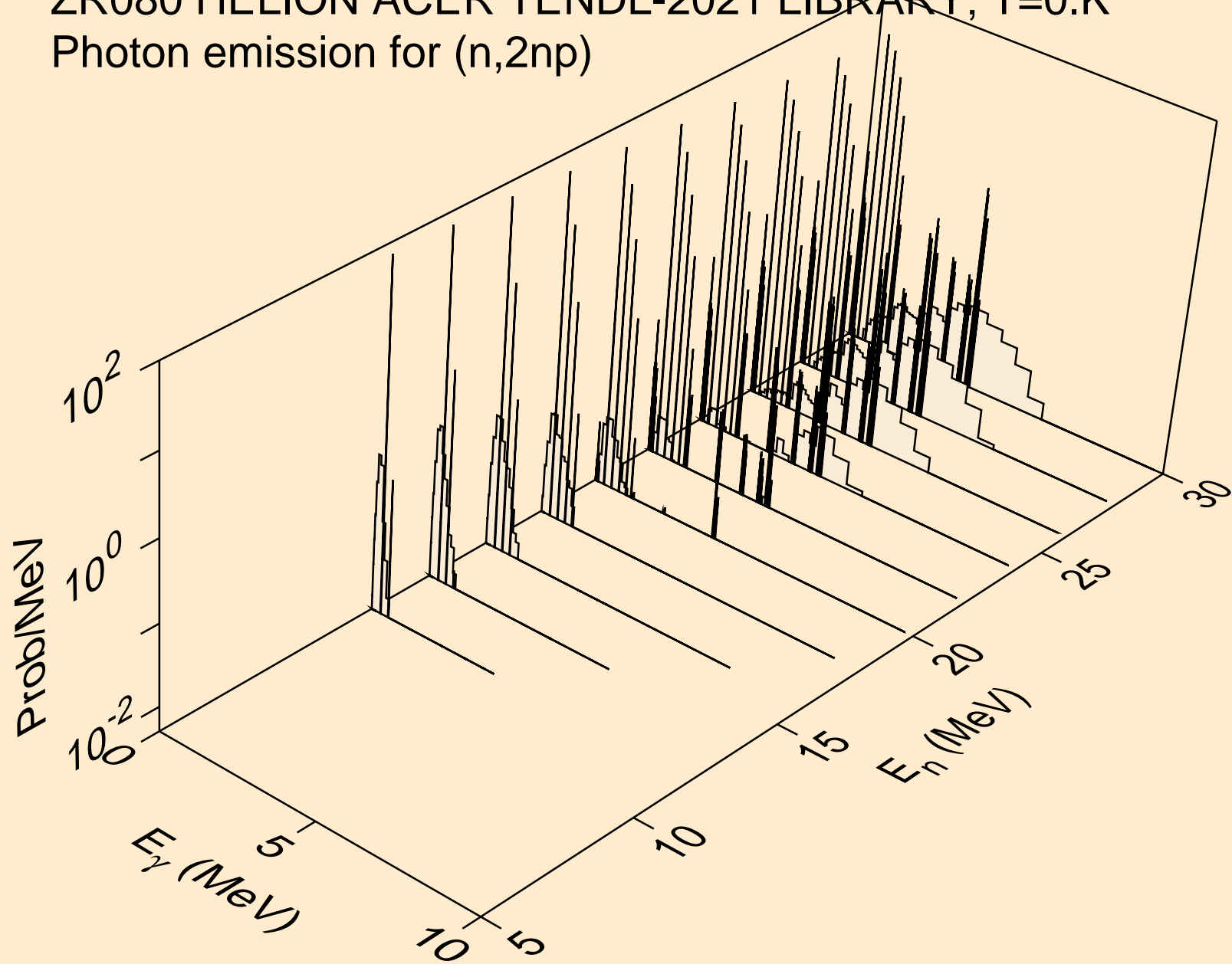
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)he3



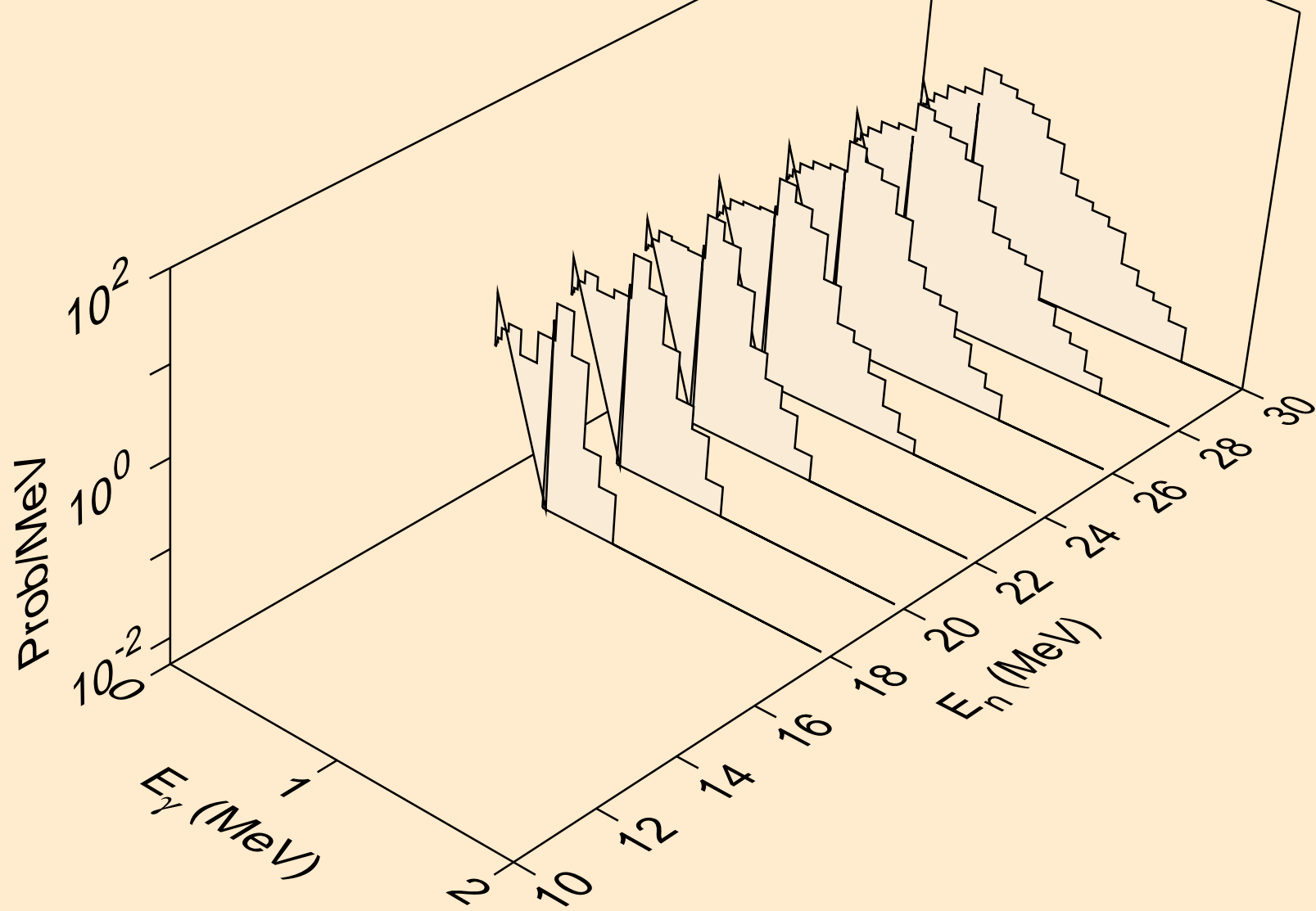
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2np)



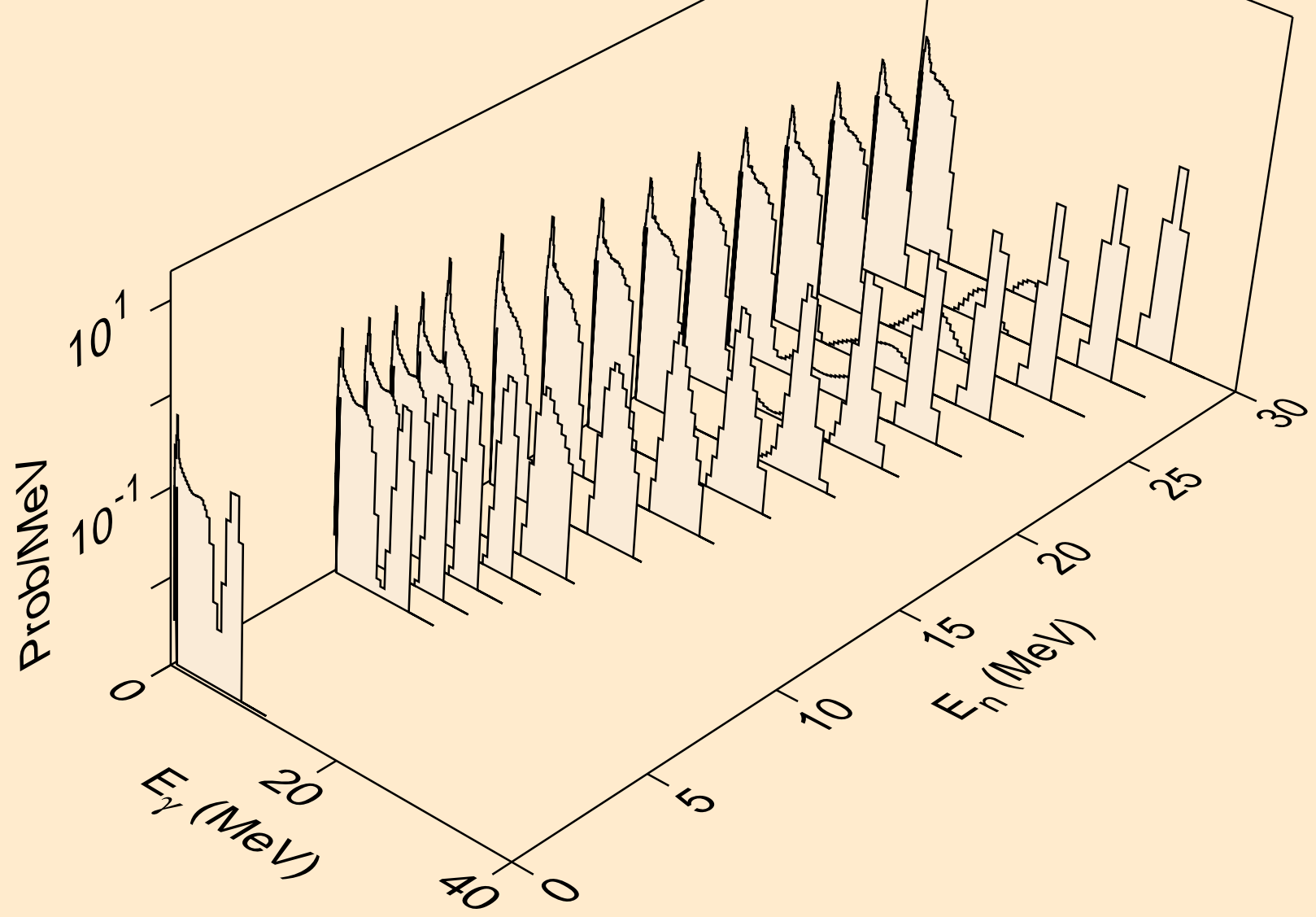
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2np)



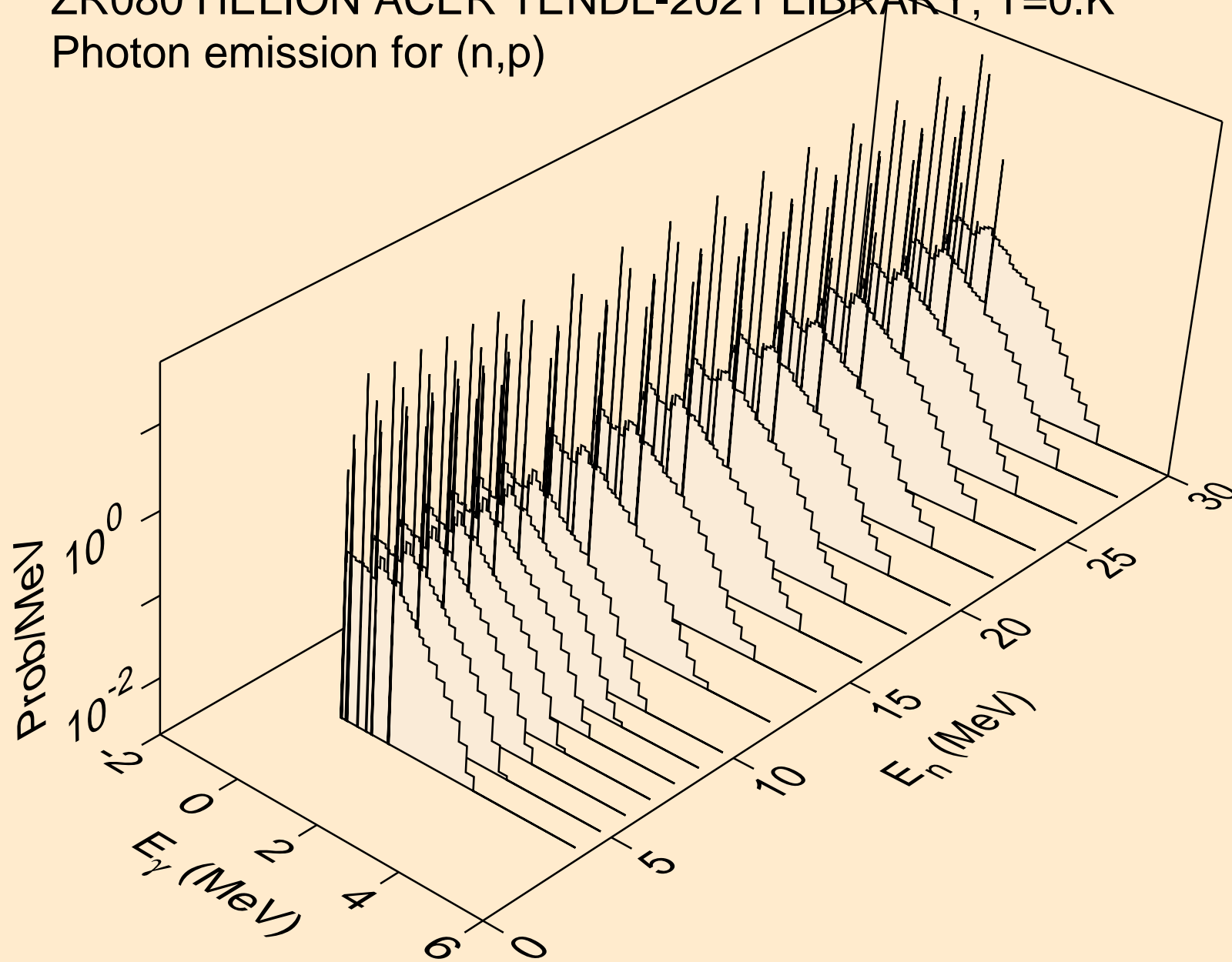
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,npa)



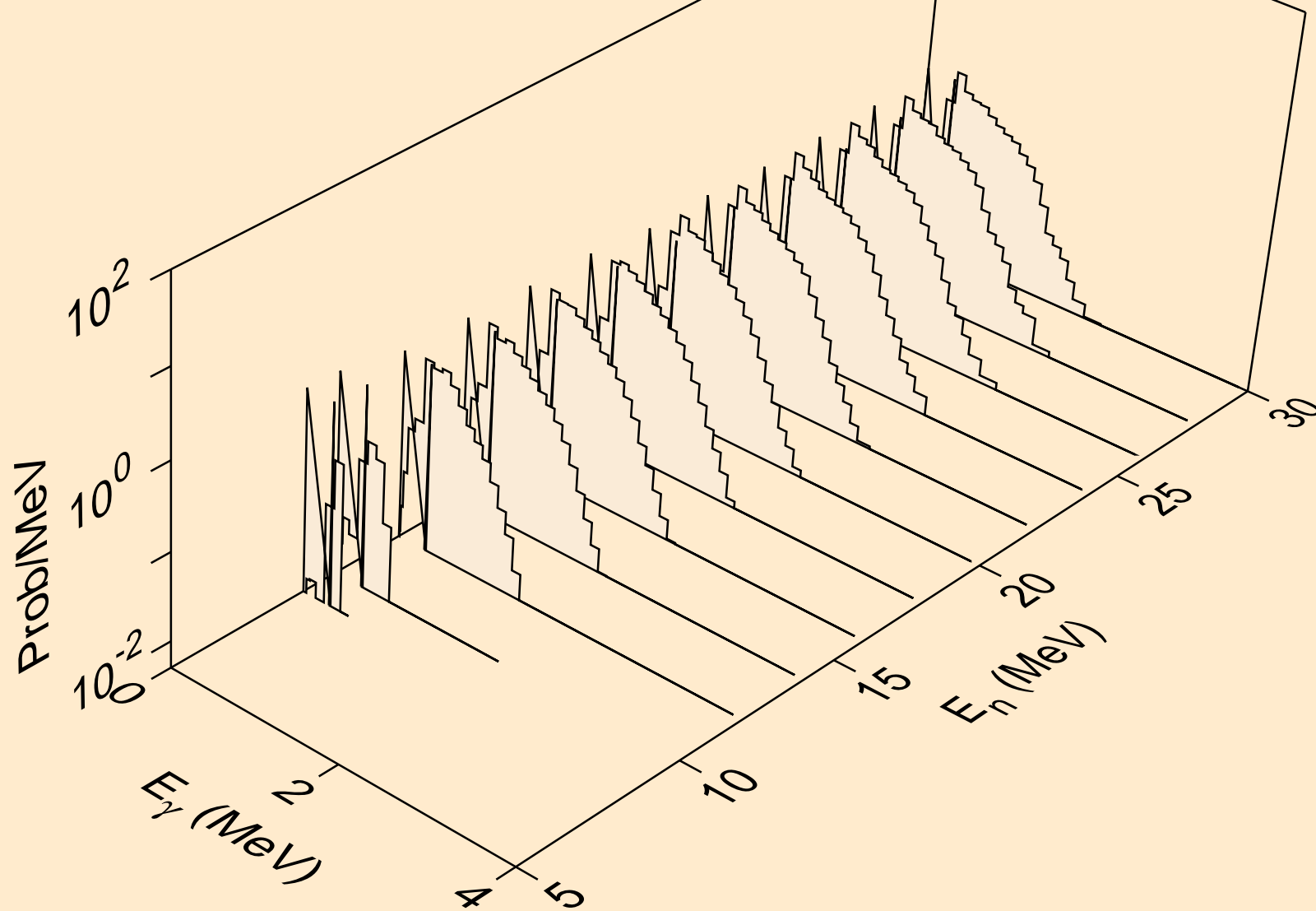
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,gma)



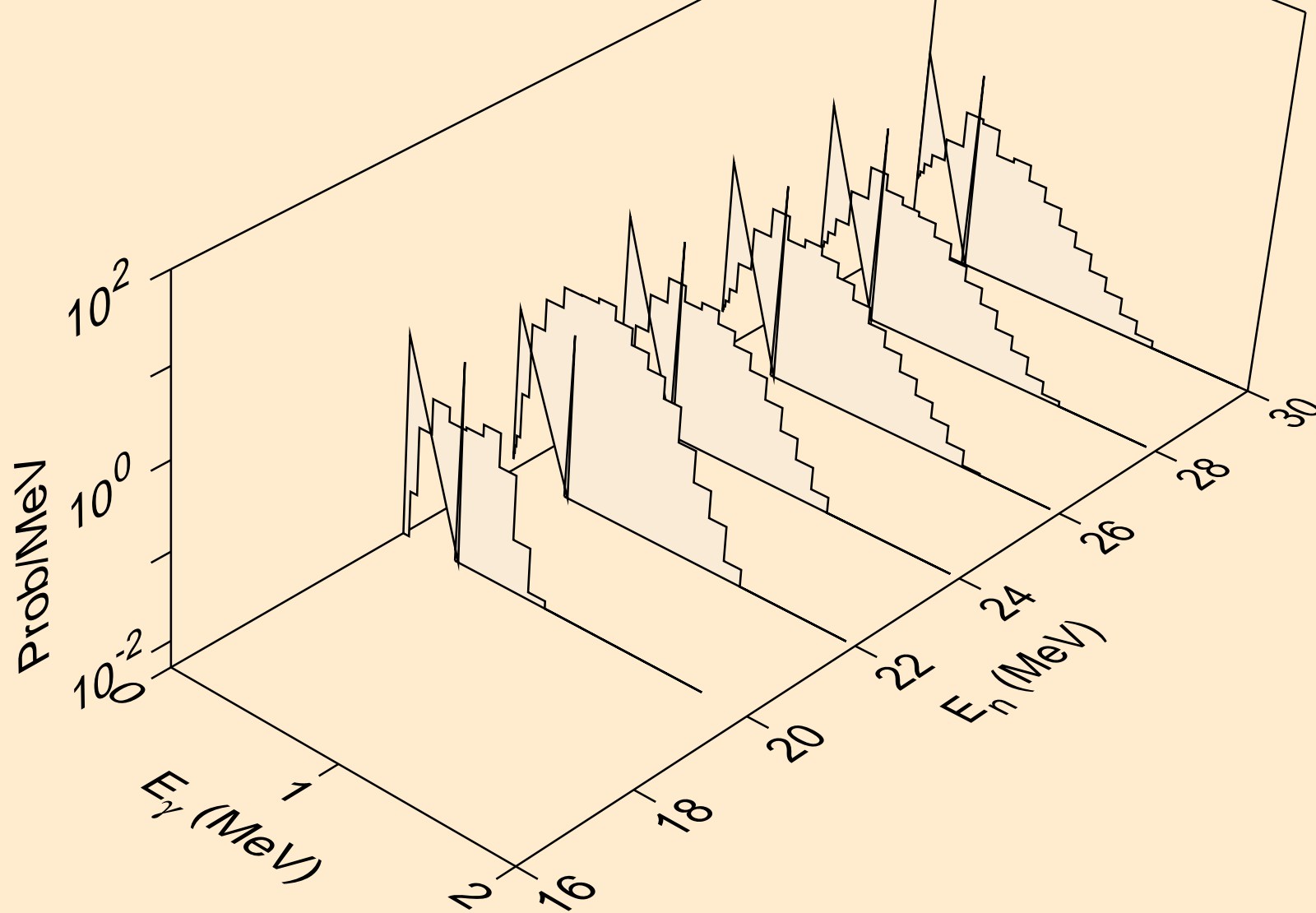
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,p)



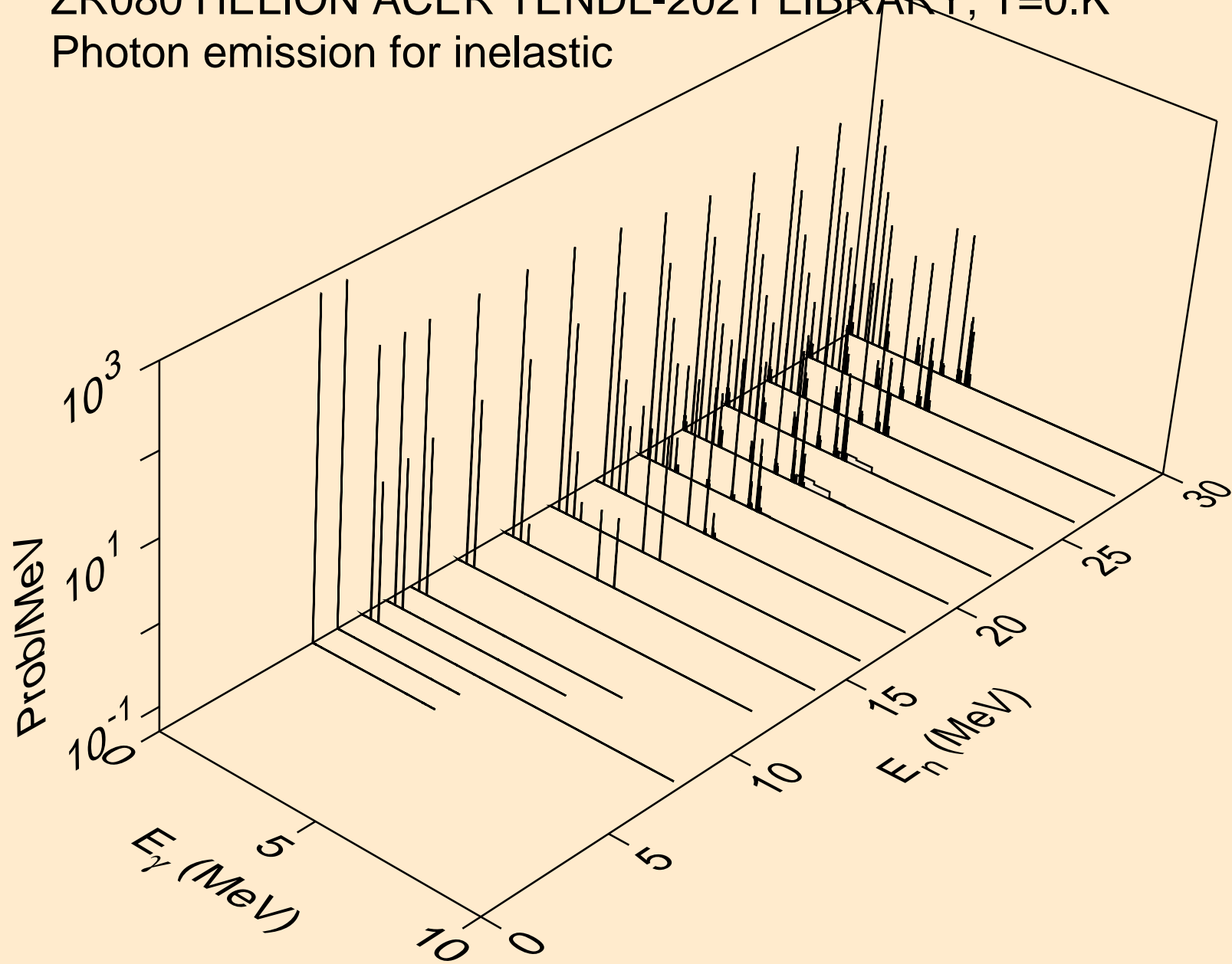
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,d)



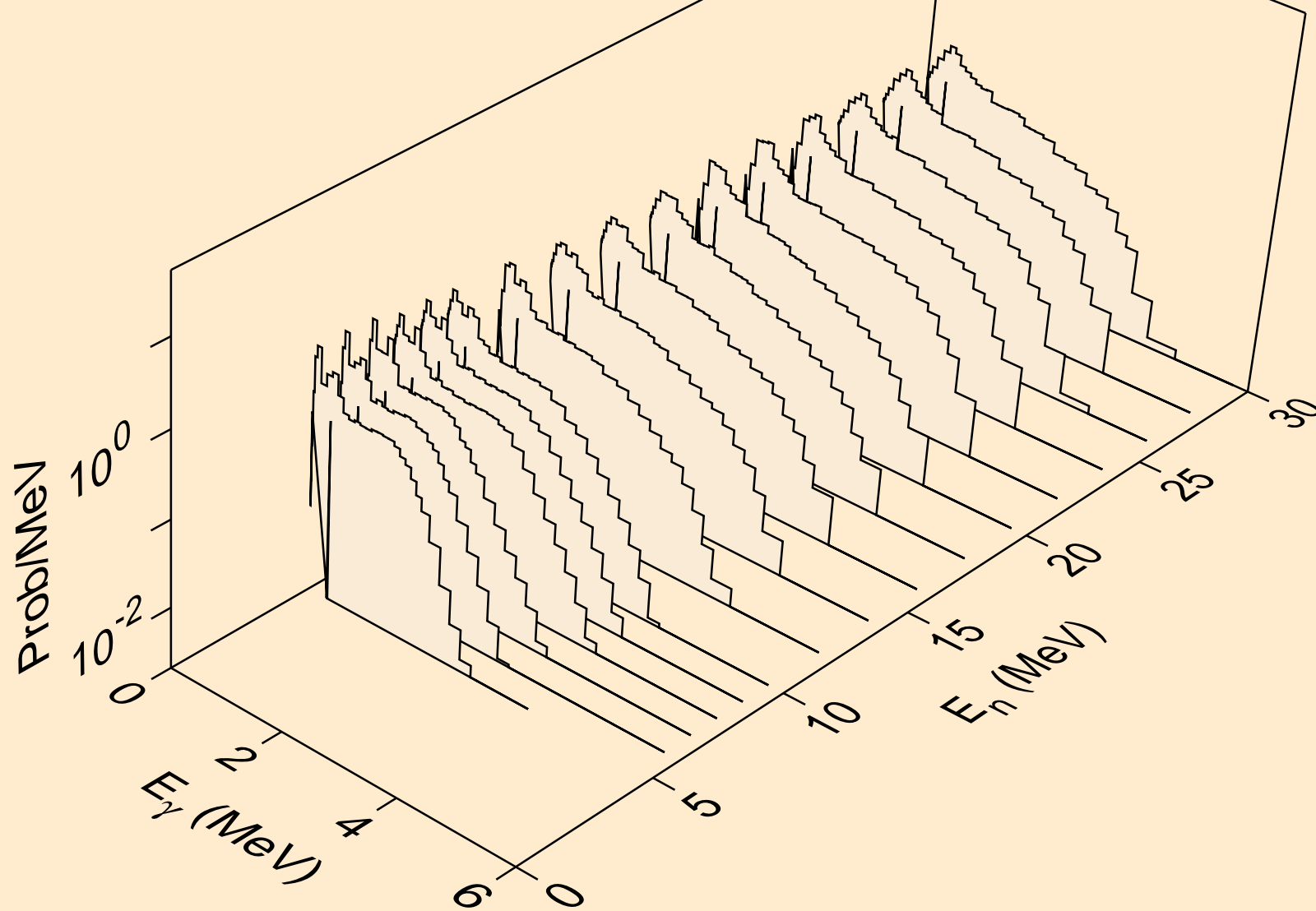
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,t)



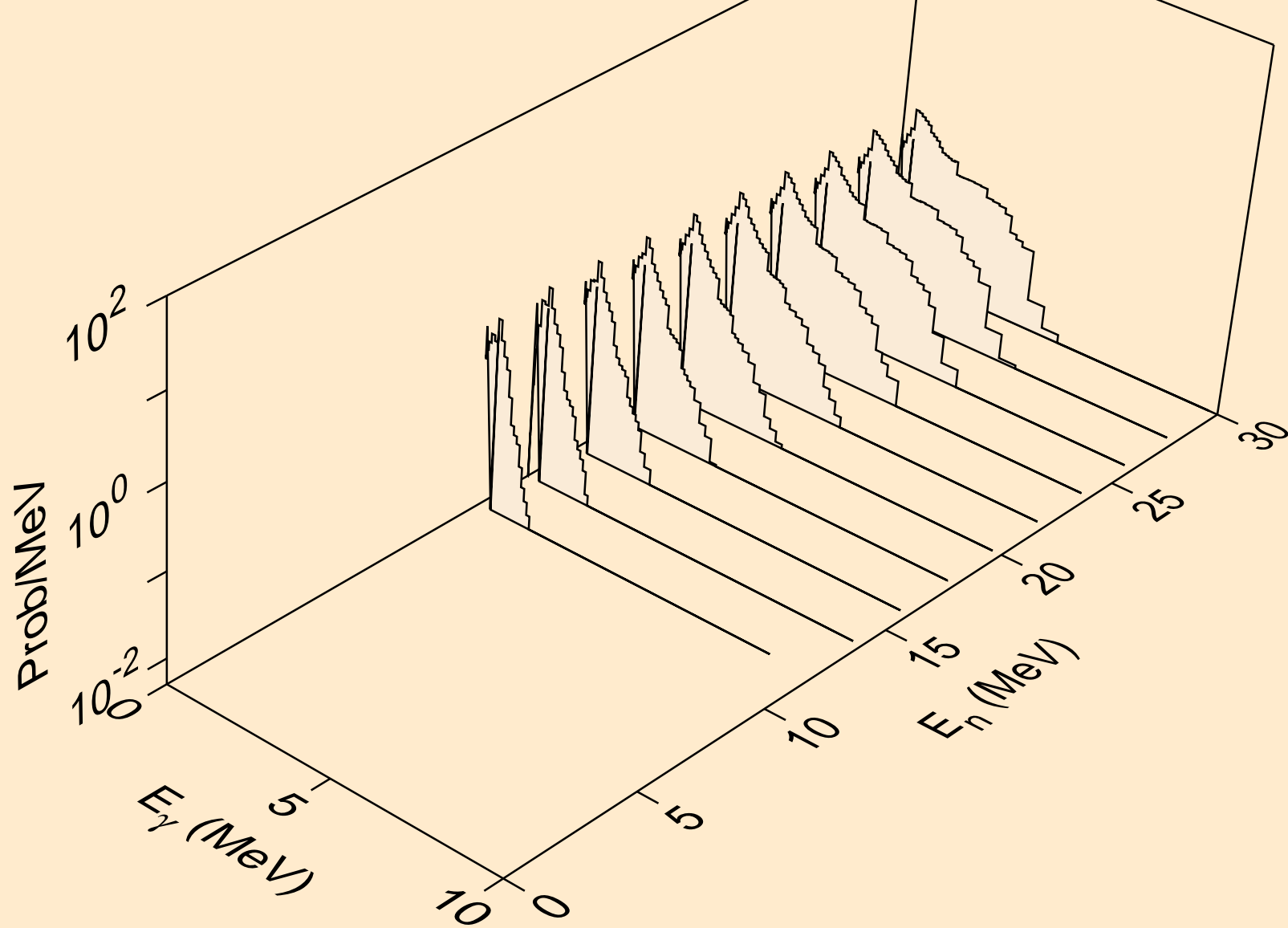
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for inelastic



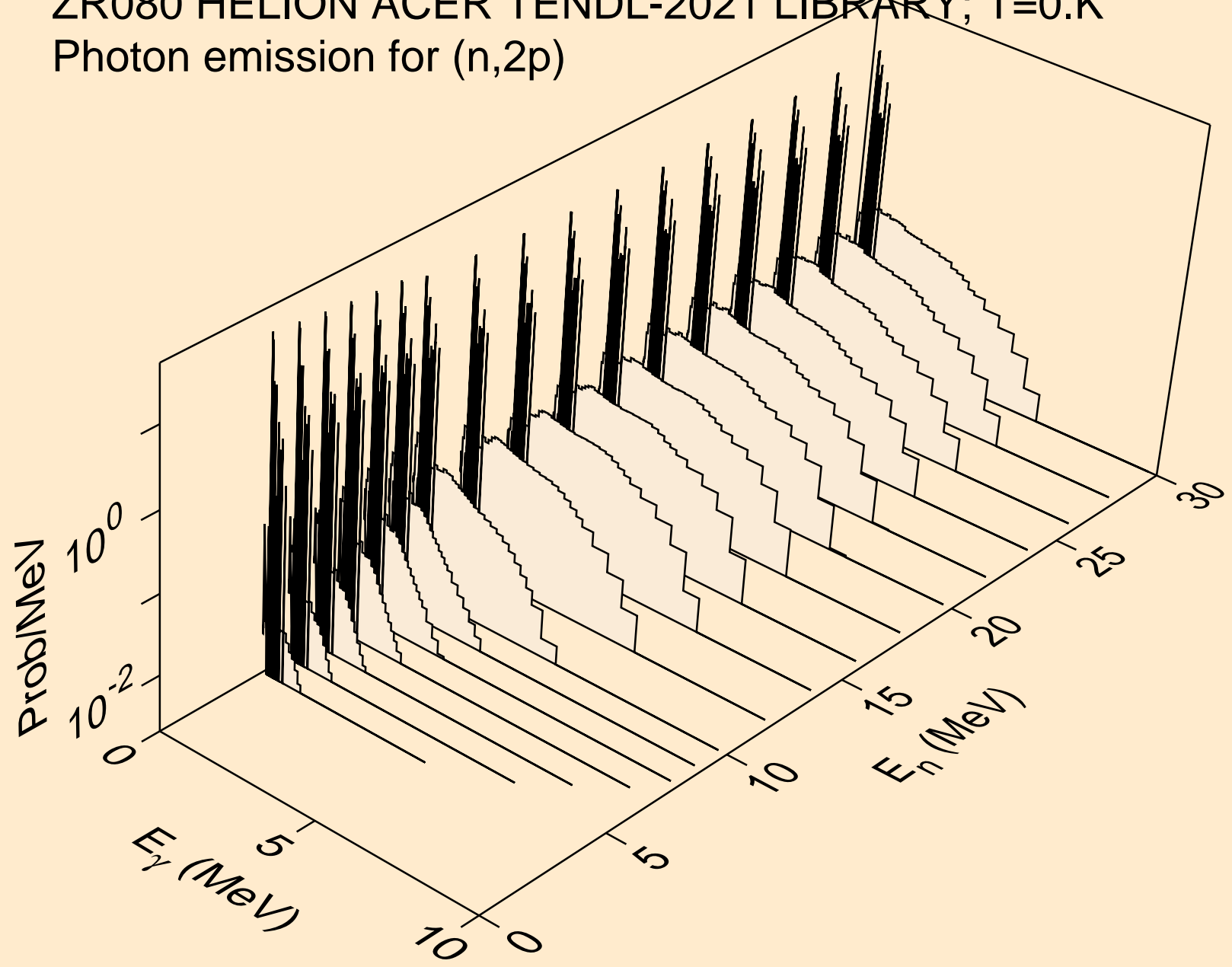
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,a)



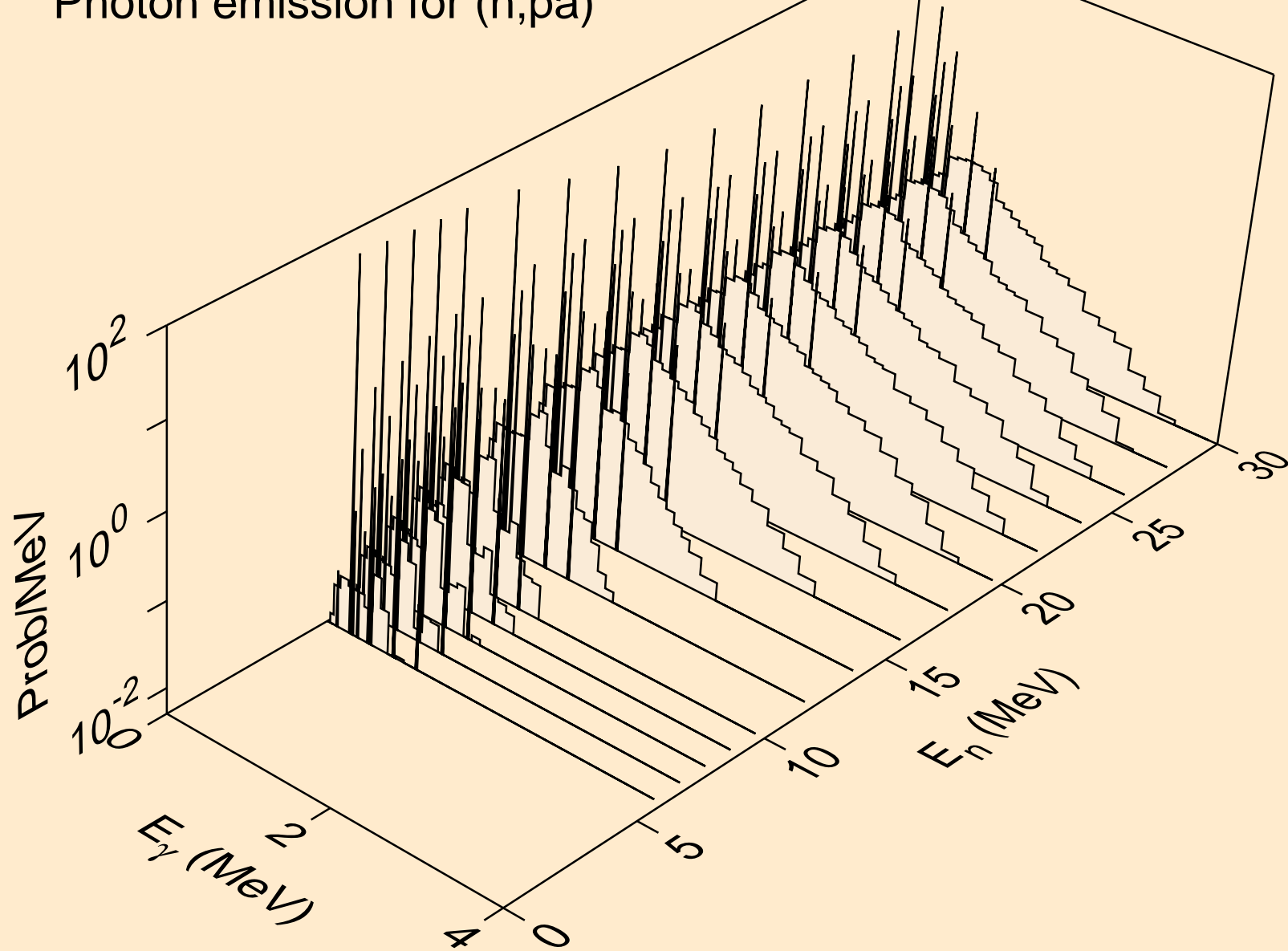
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2a)



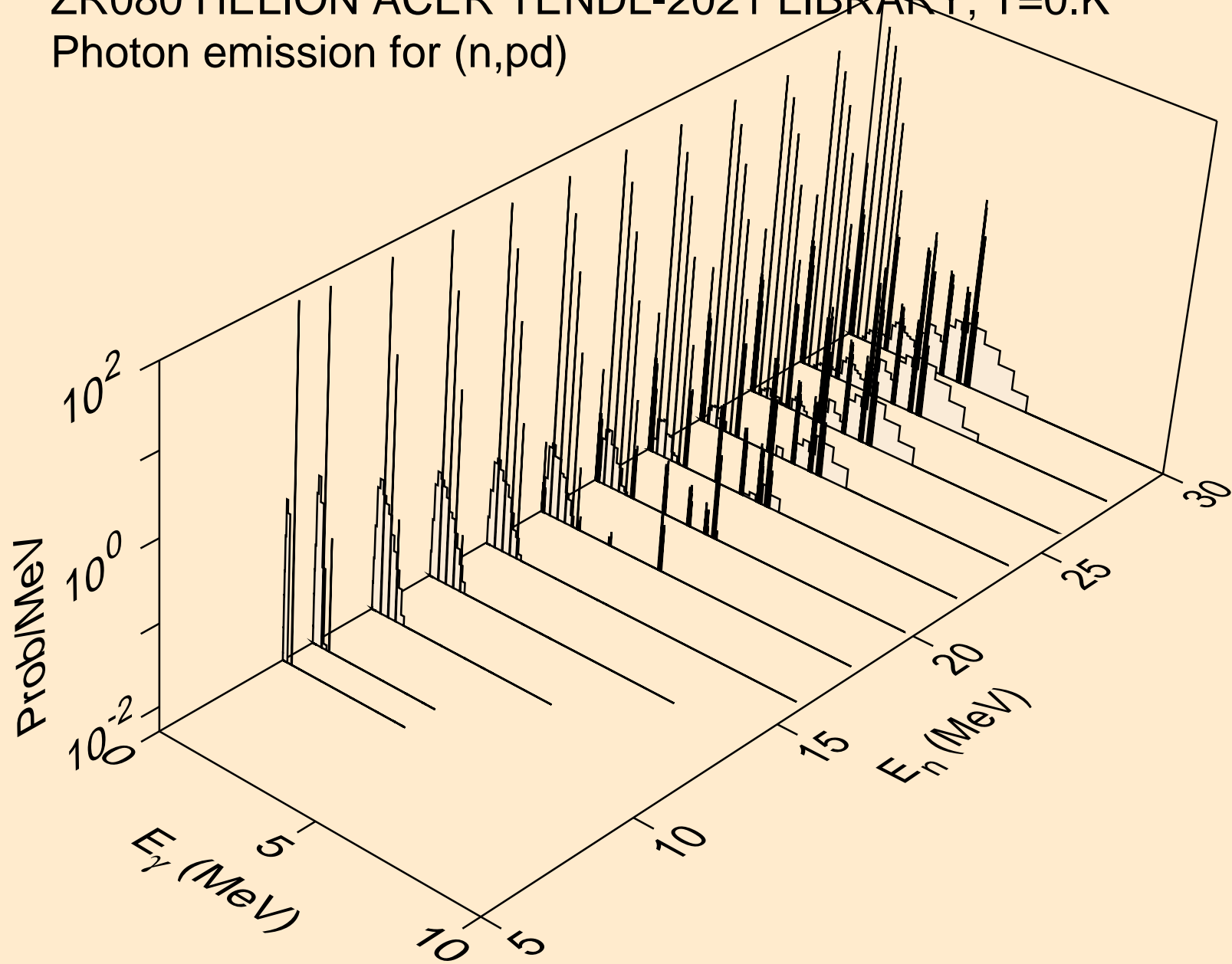
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2p)



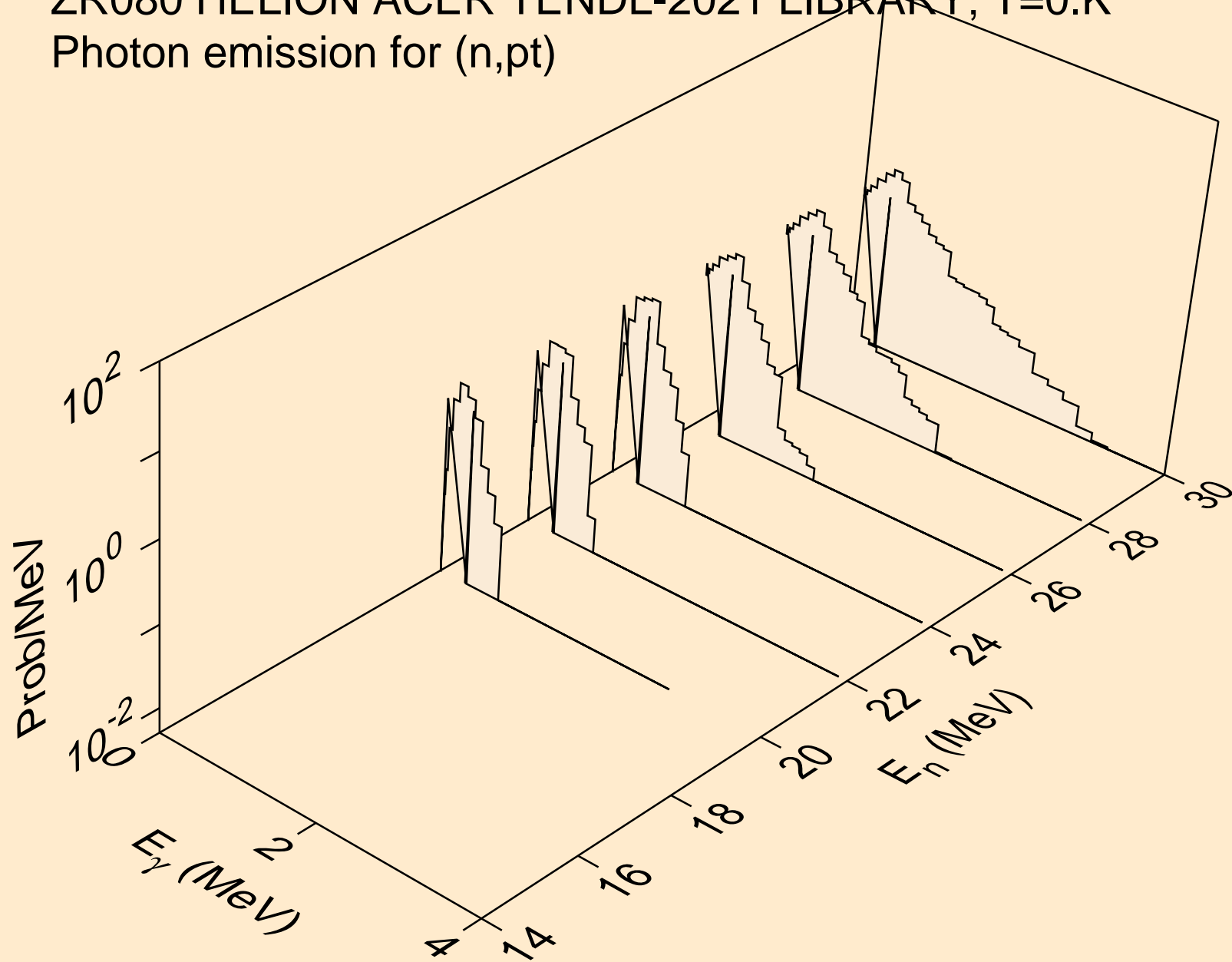
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pa)



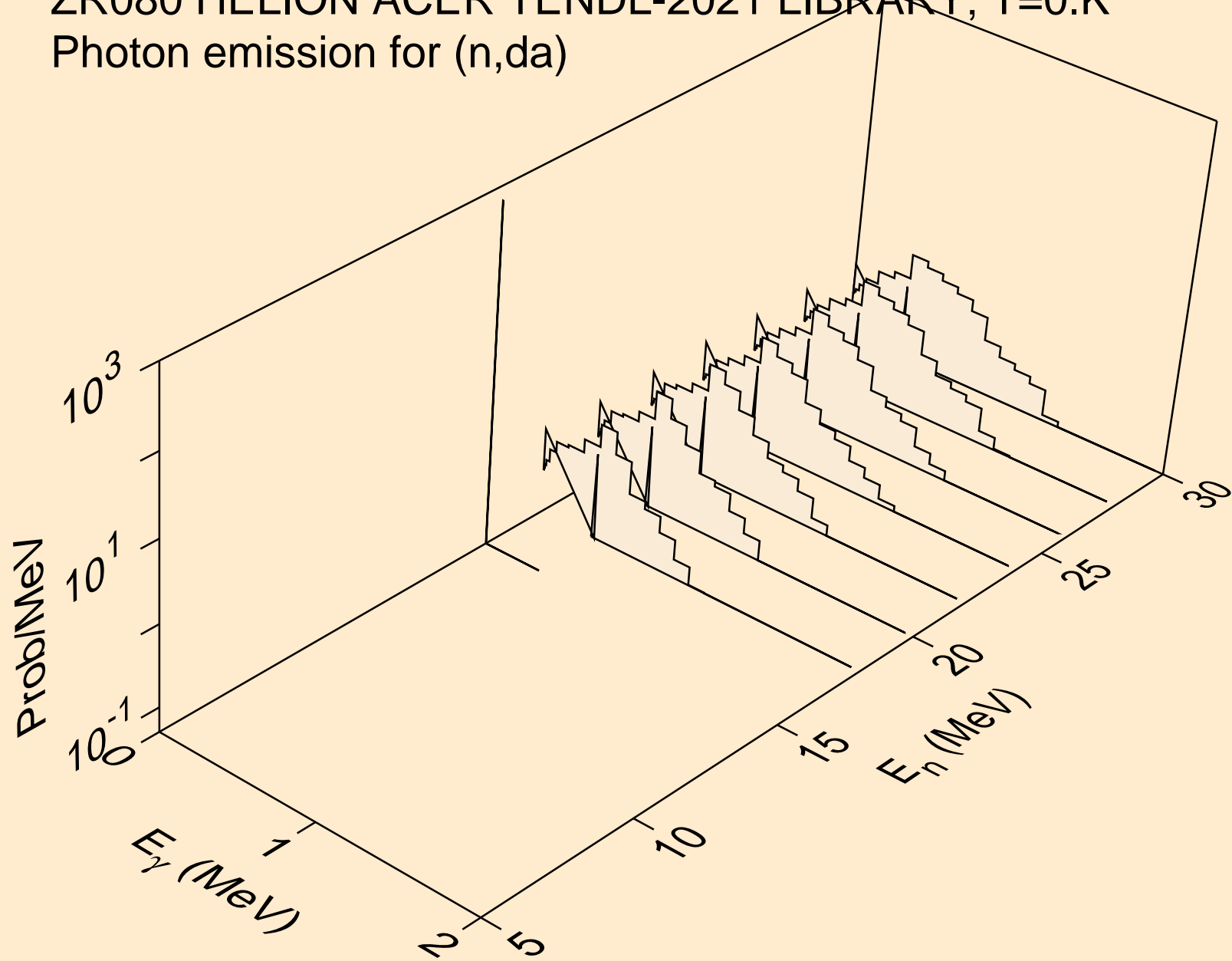
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pd)



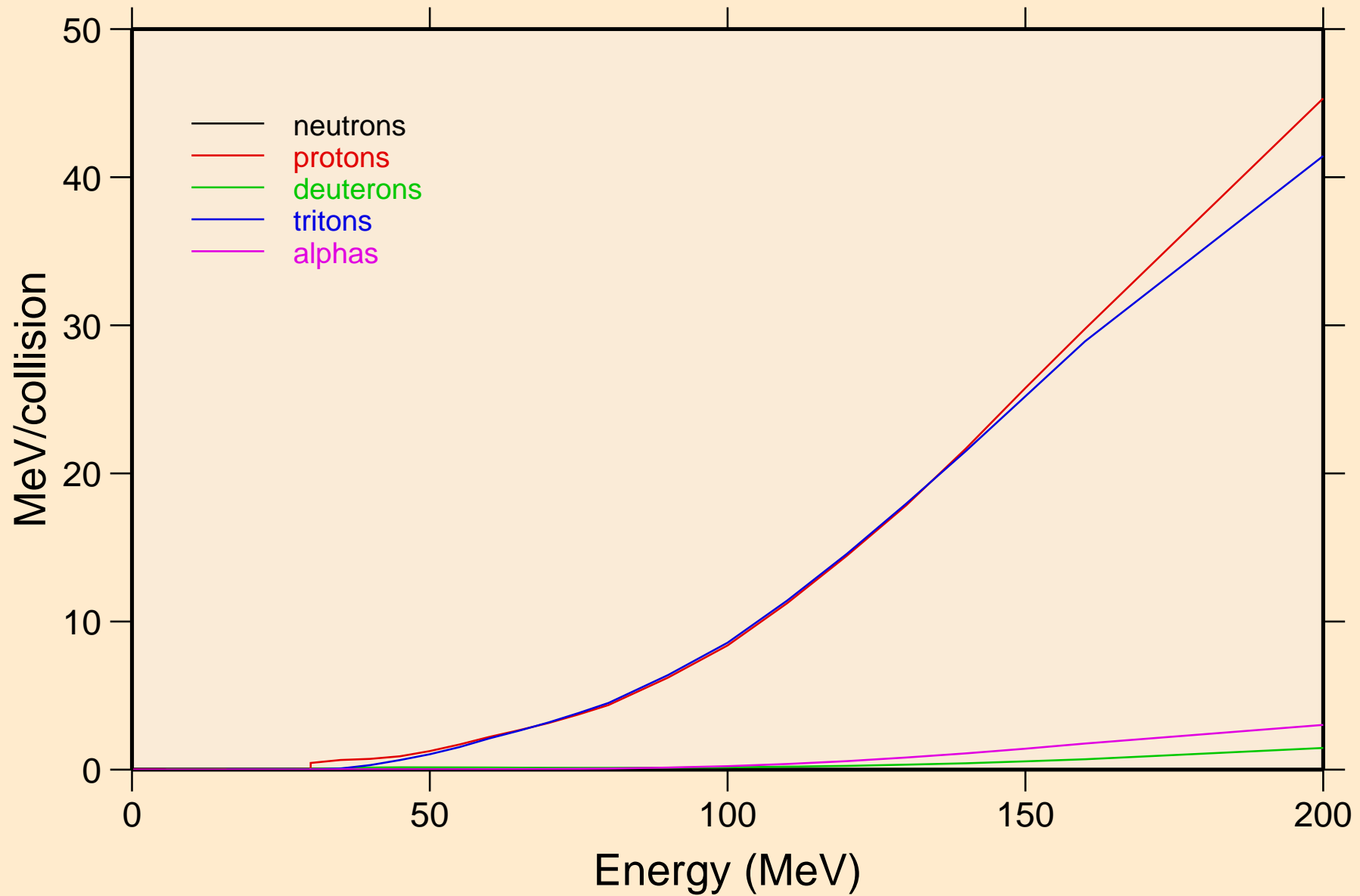
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pt)



ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,da)

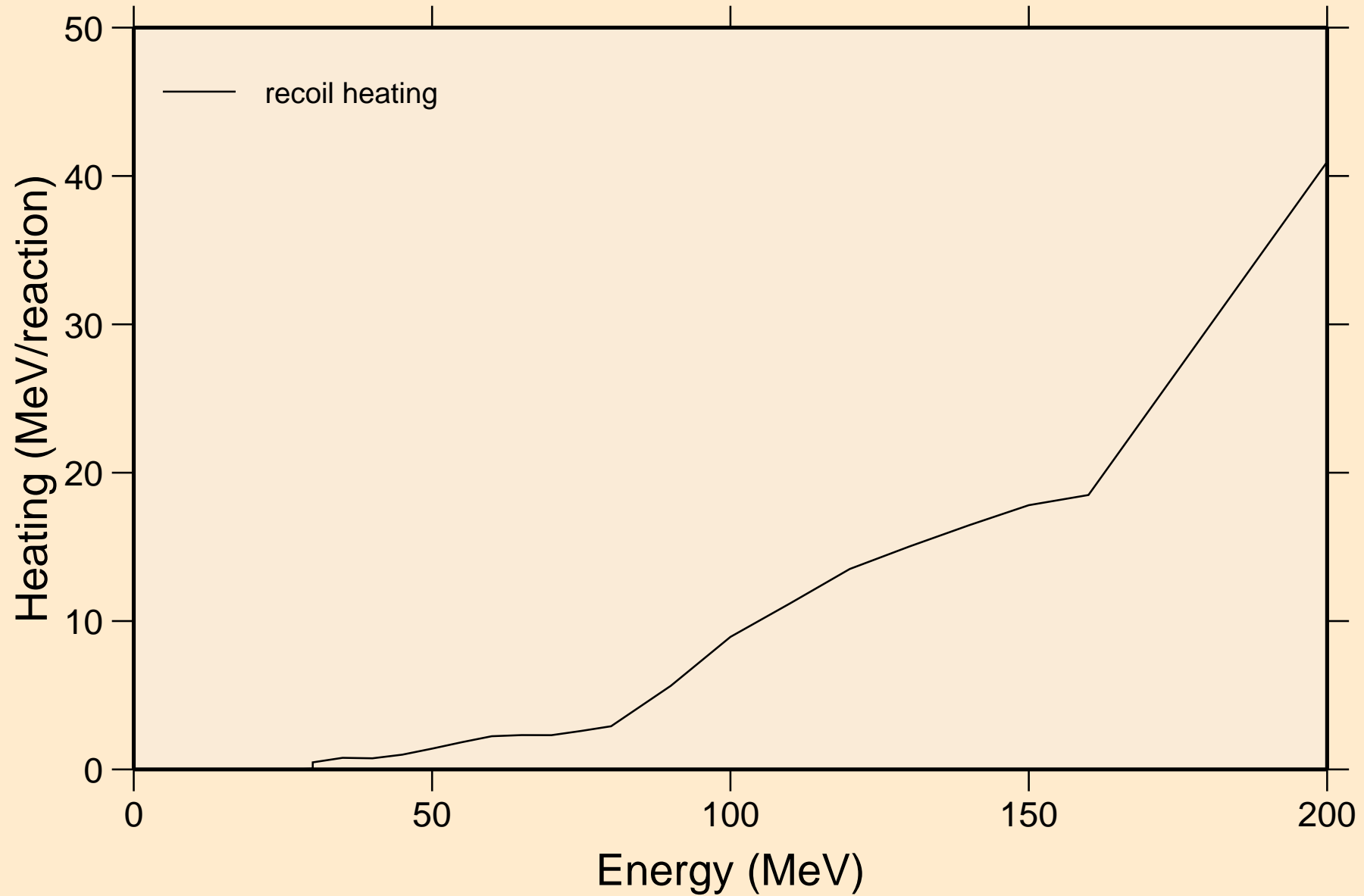


ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Particle heating contributions

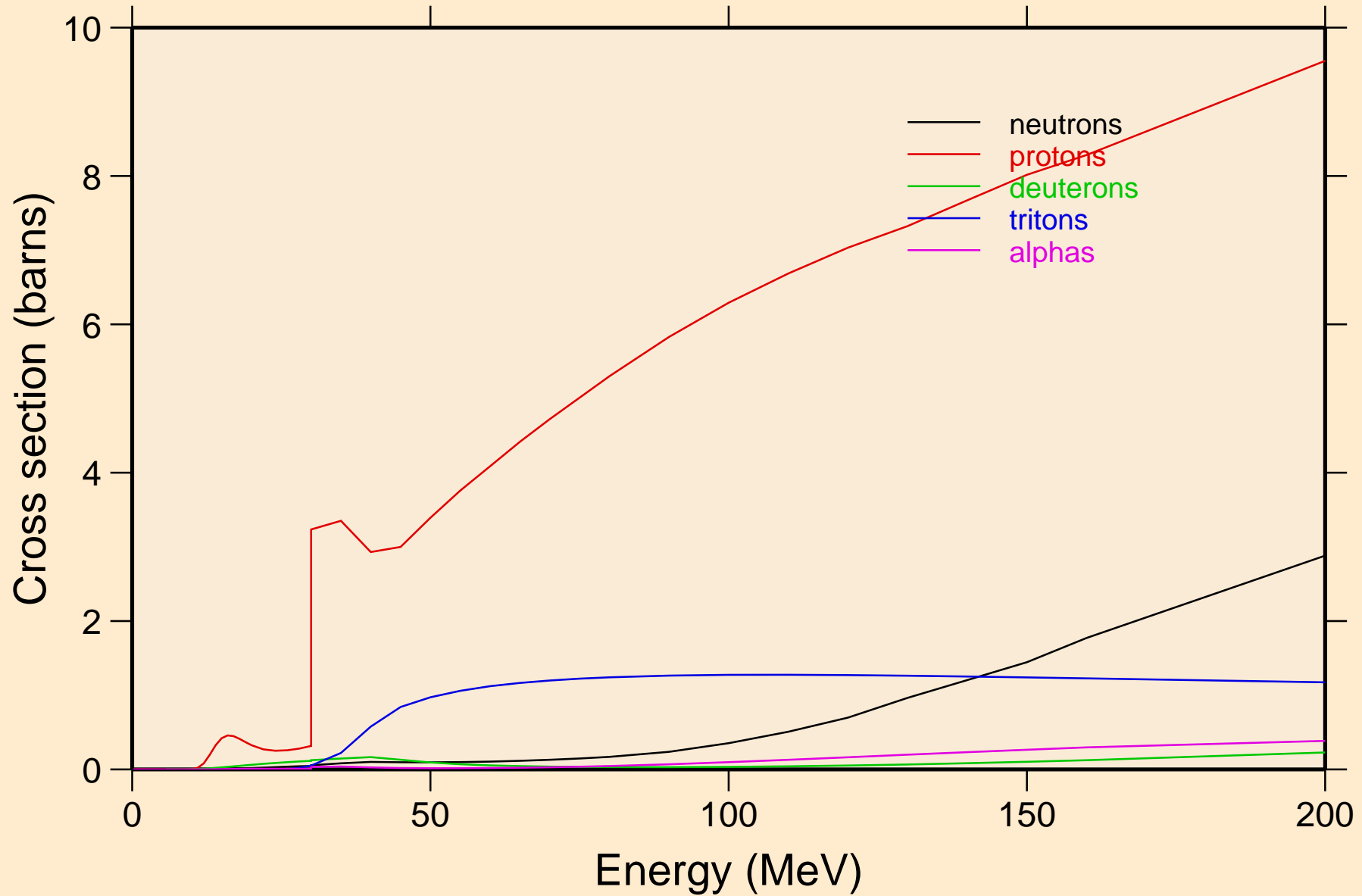


ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K

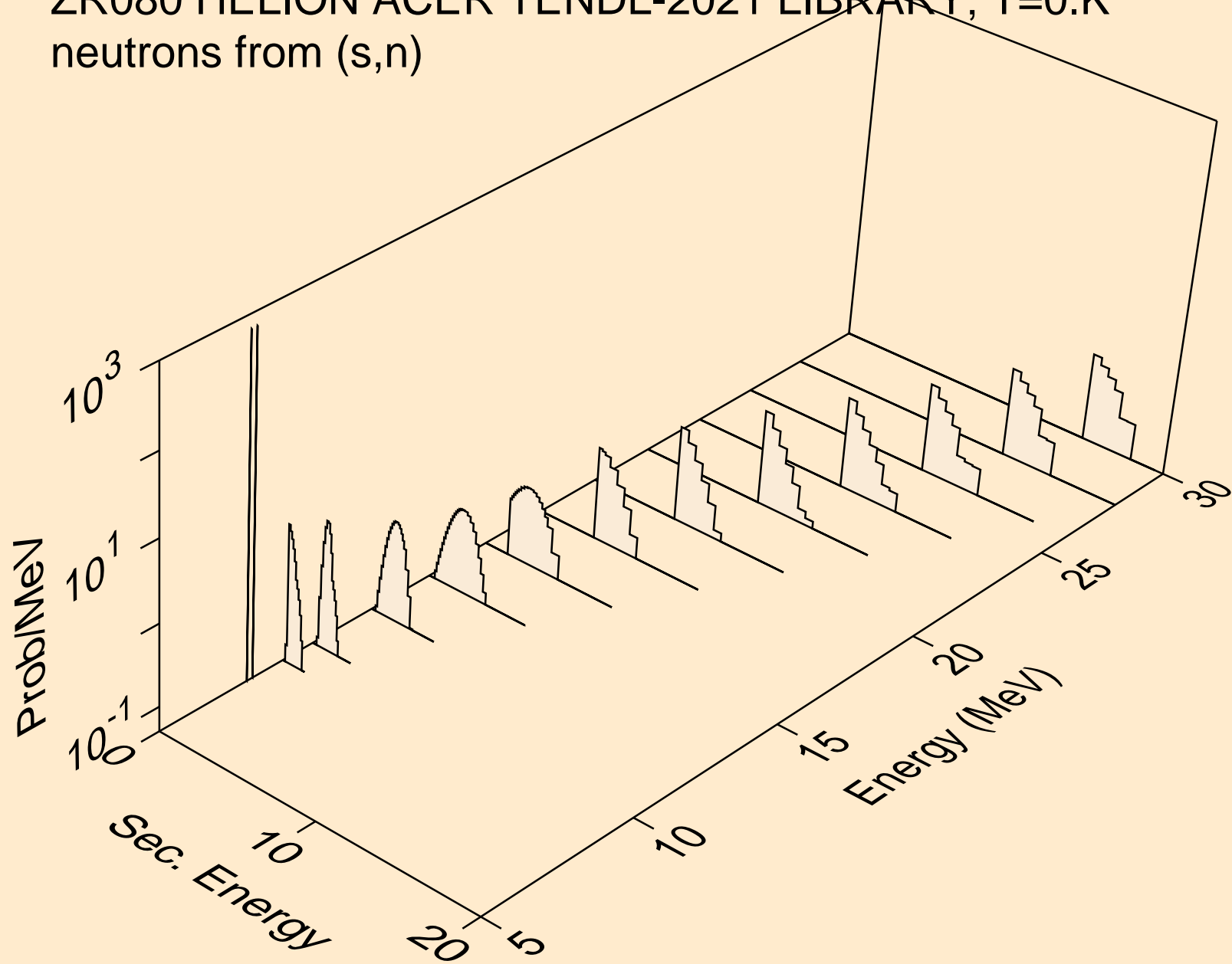
Recoil Heating



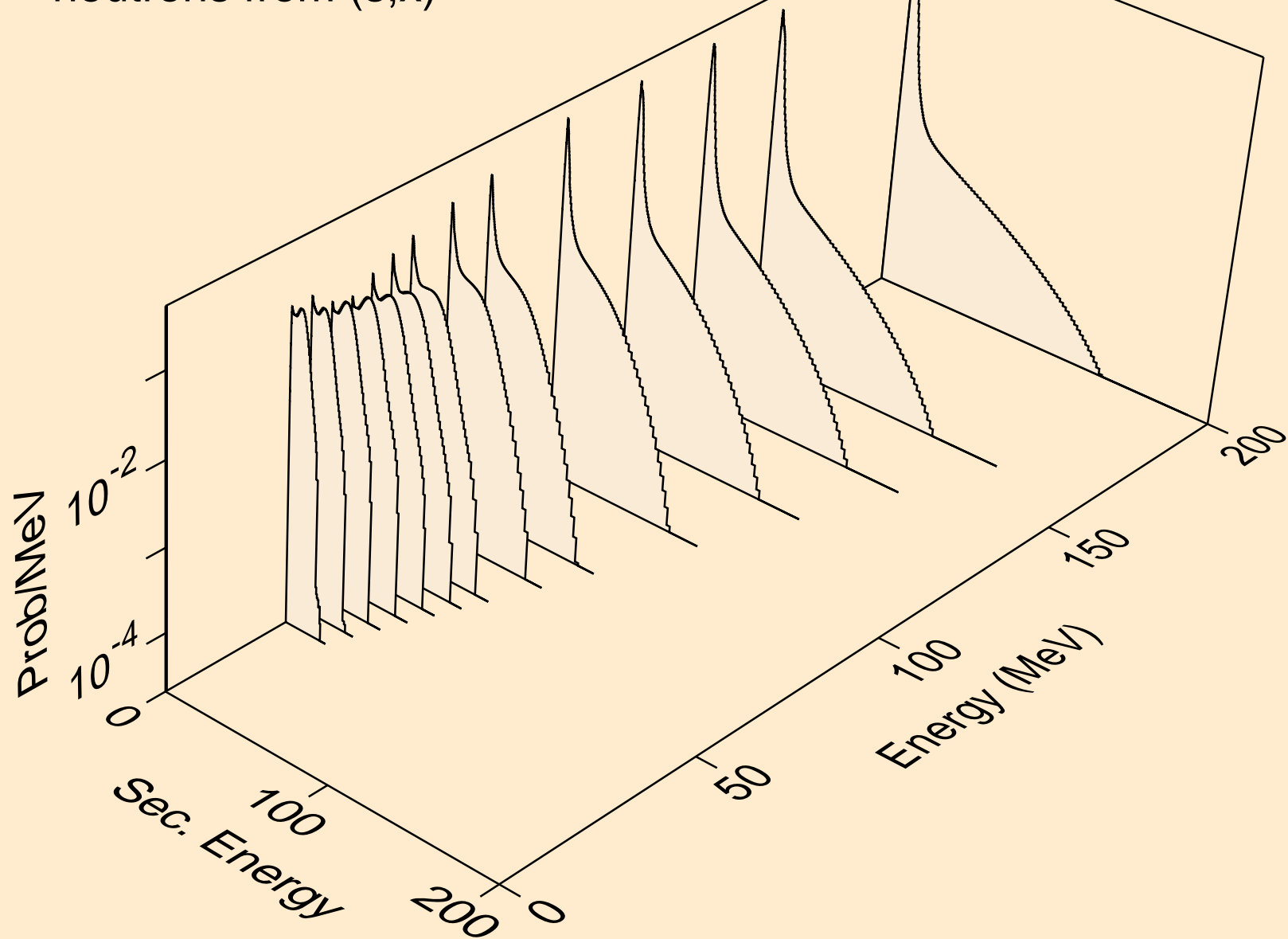
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
Particle production cross sections



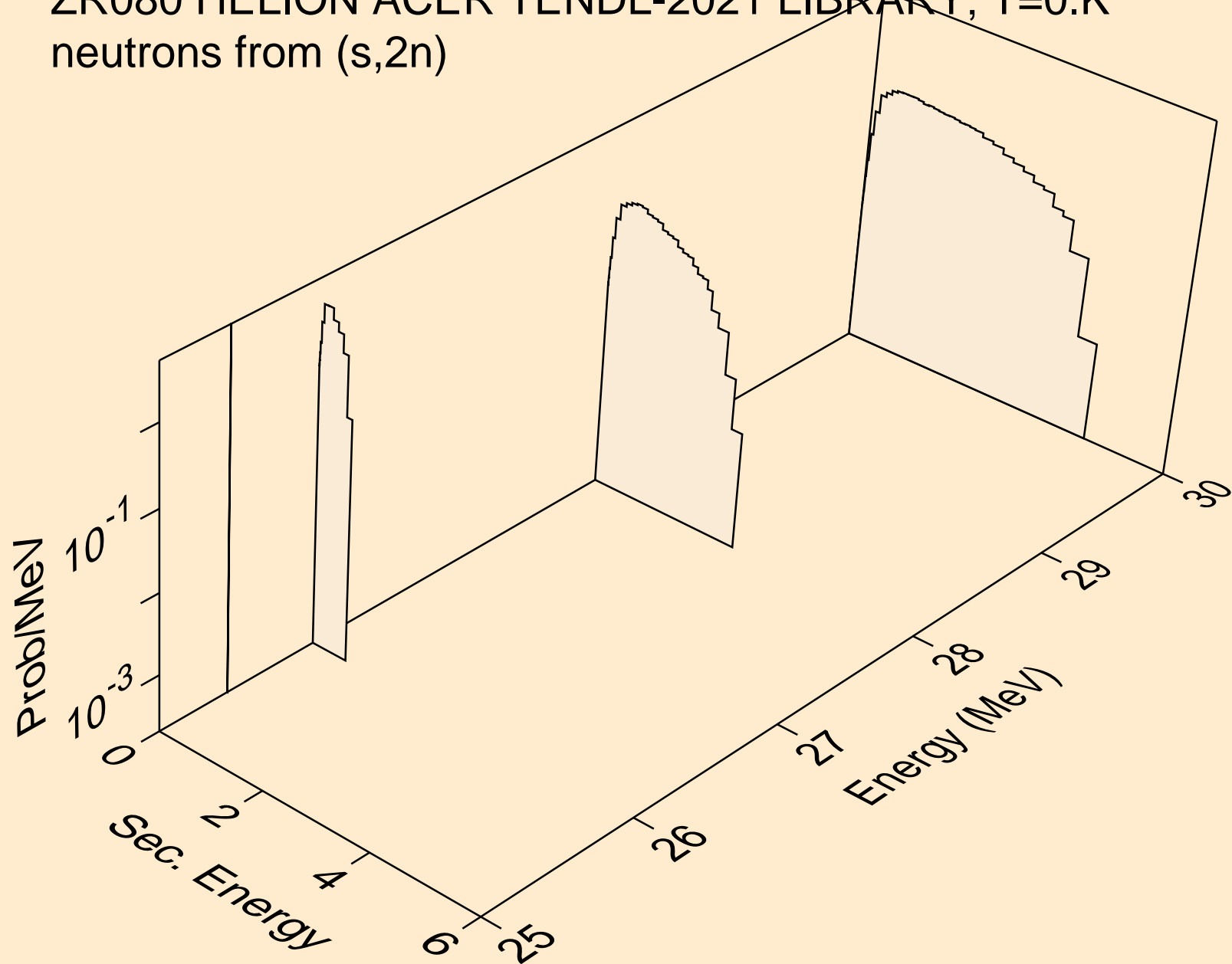
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,n)



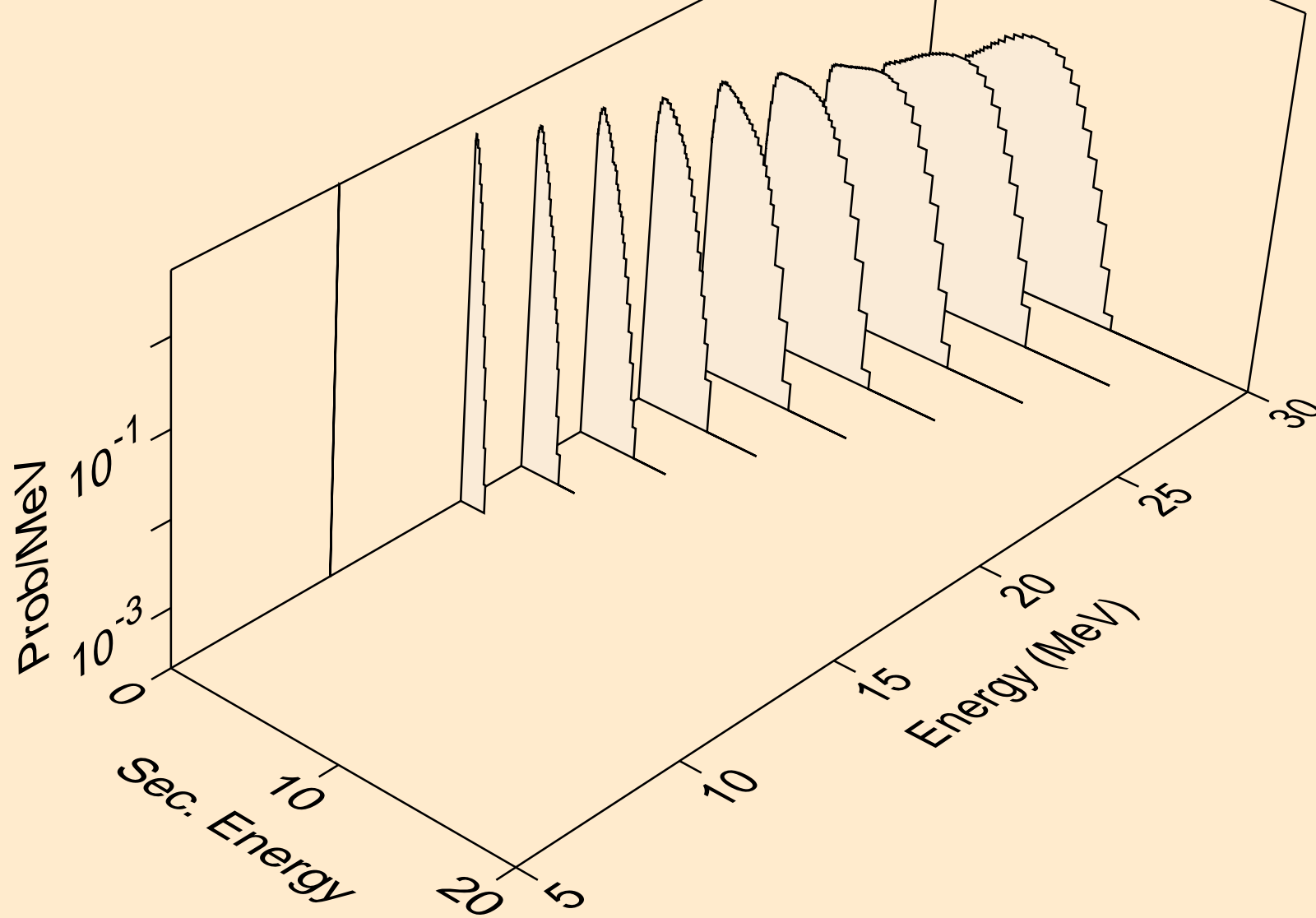
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,x)



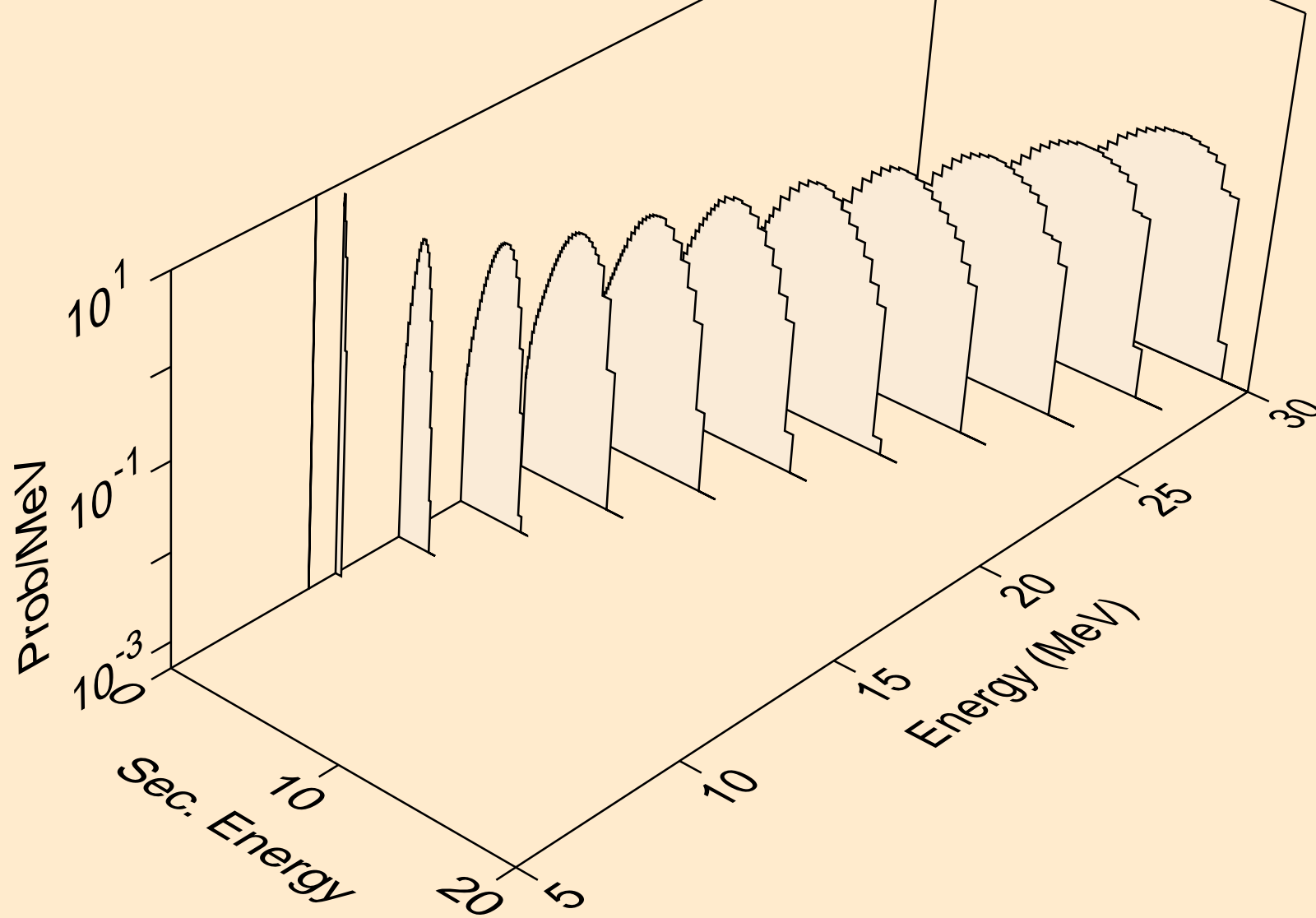
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,2n)



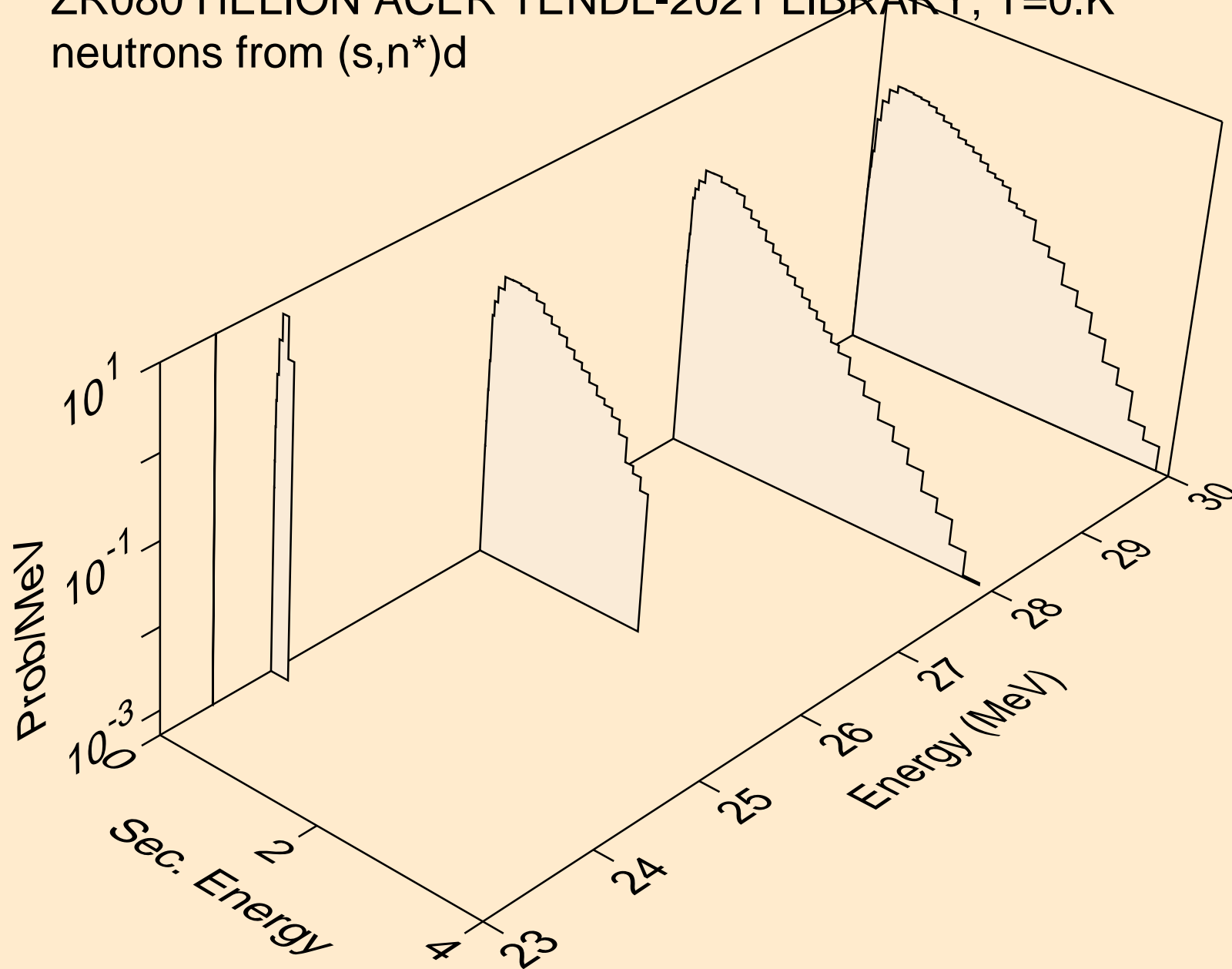
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,n*)a



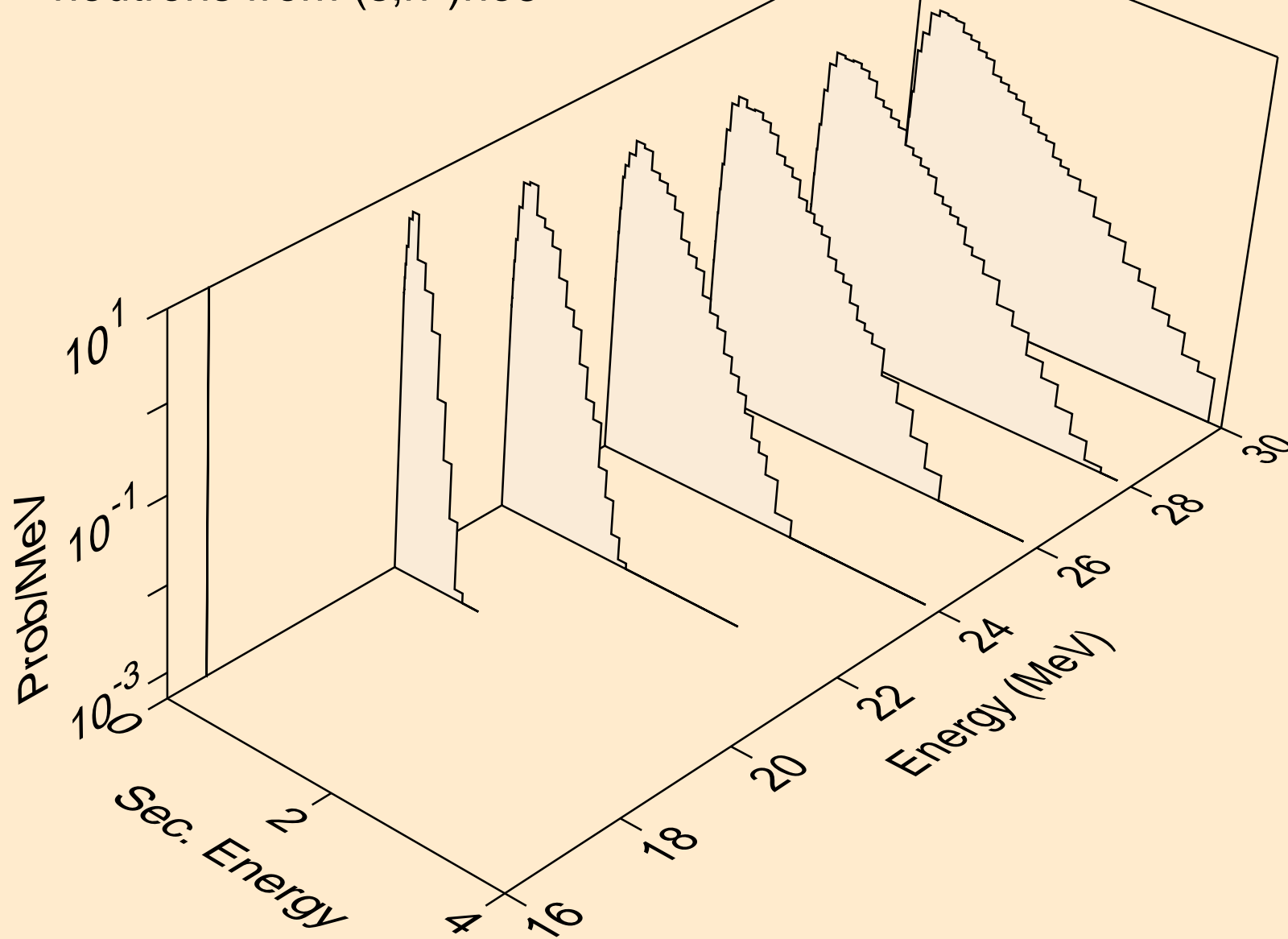
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,n*)p



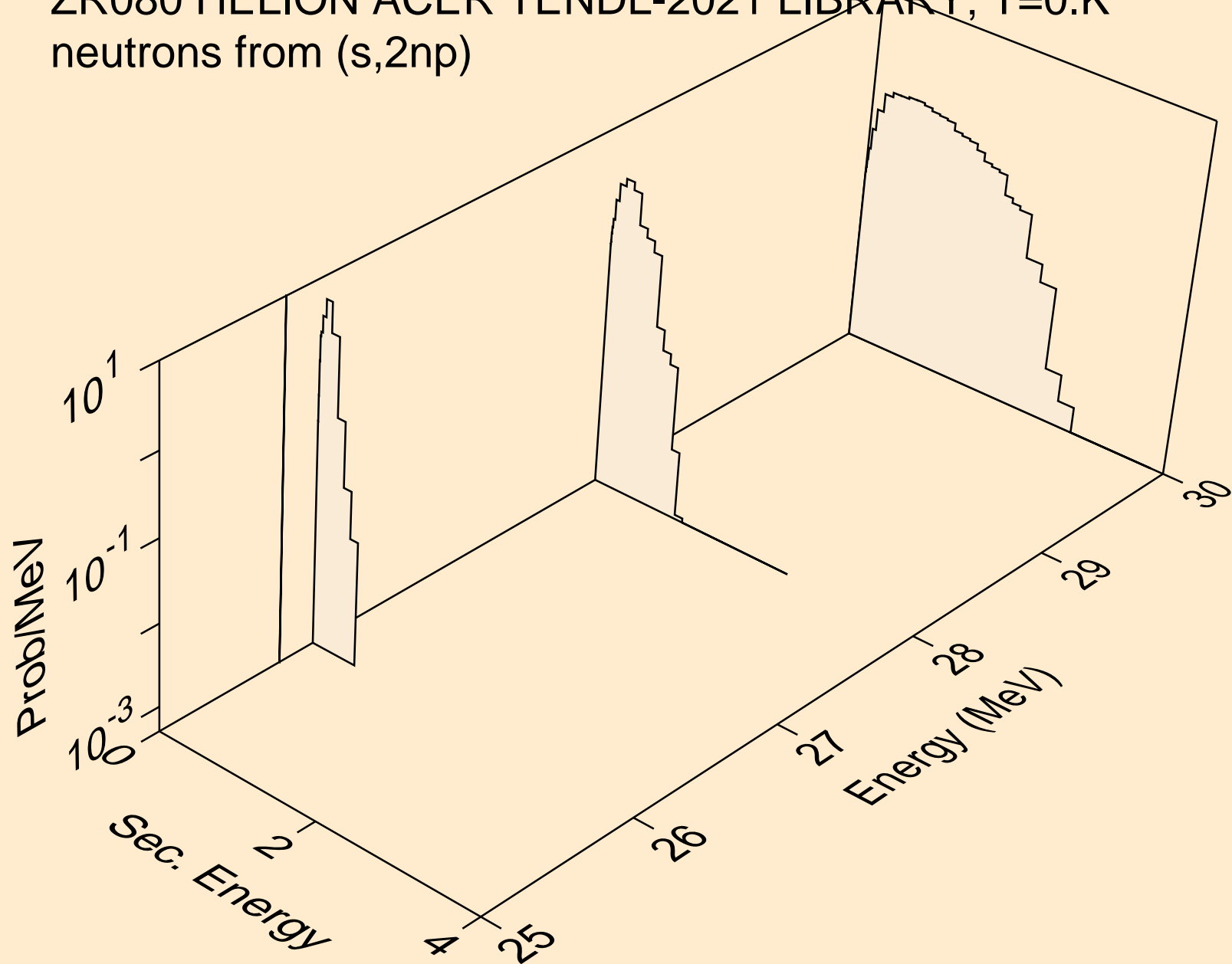
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,n*)d



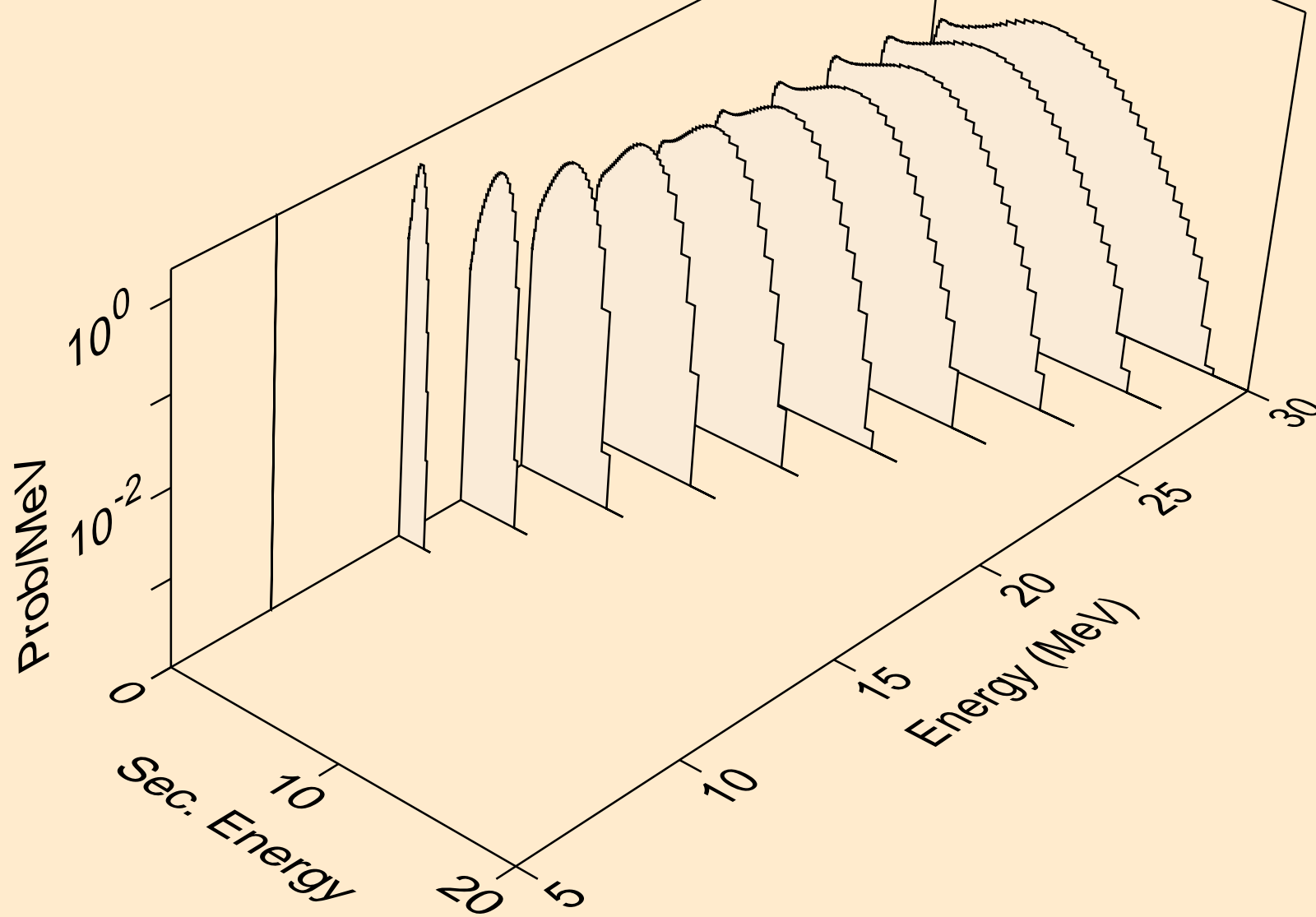
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,n*)he3



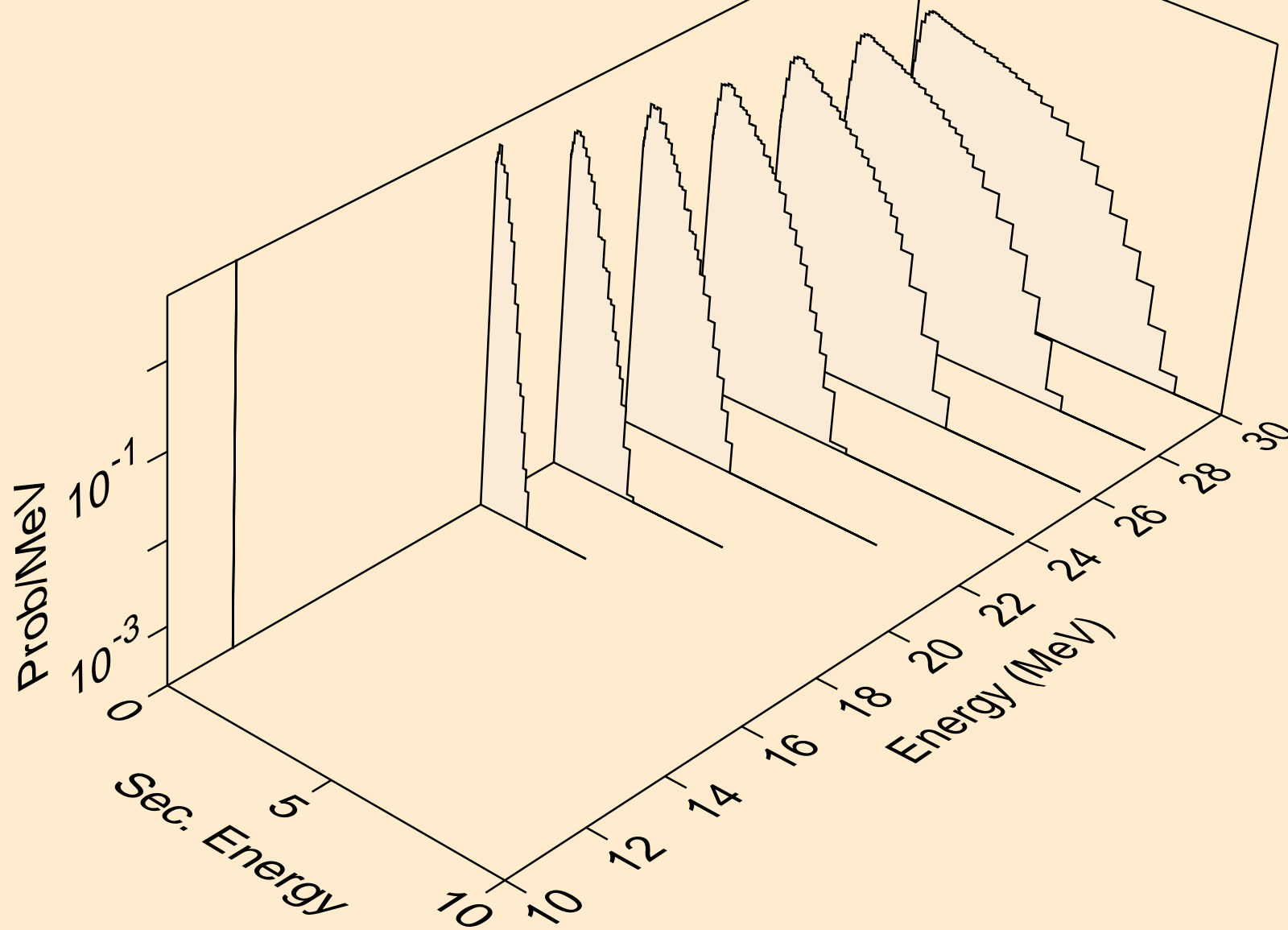
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,2np)



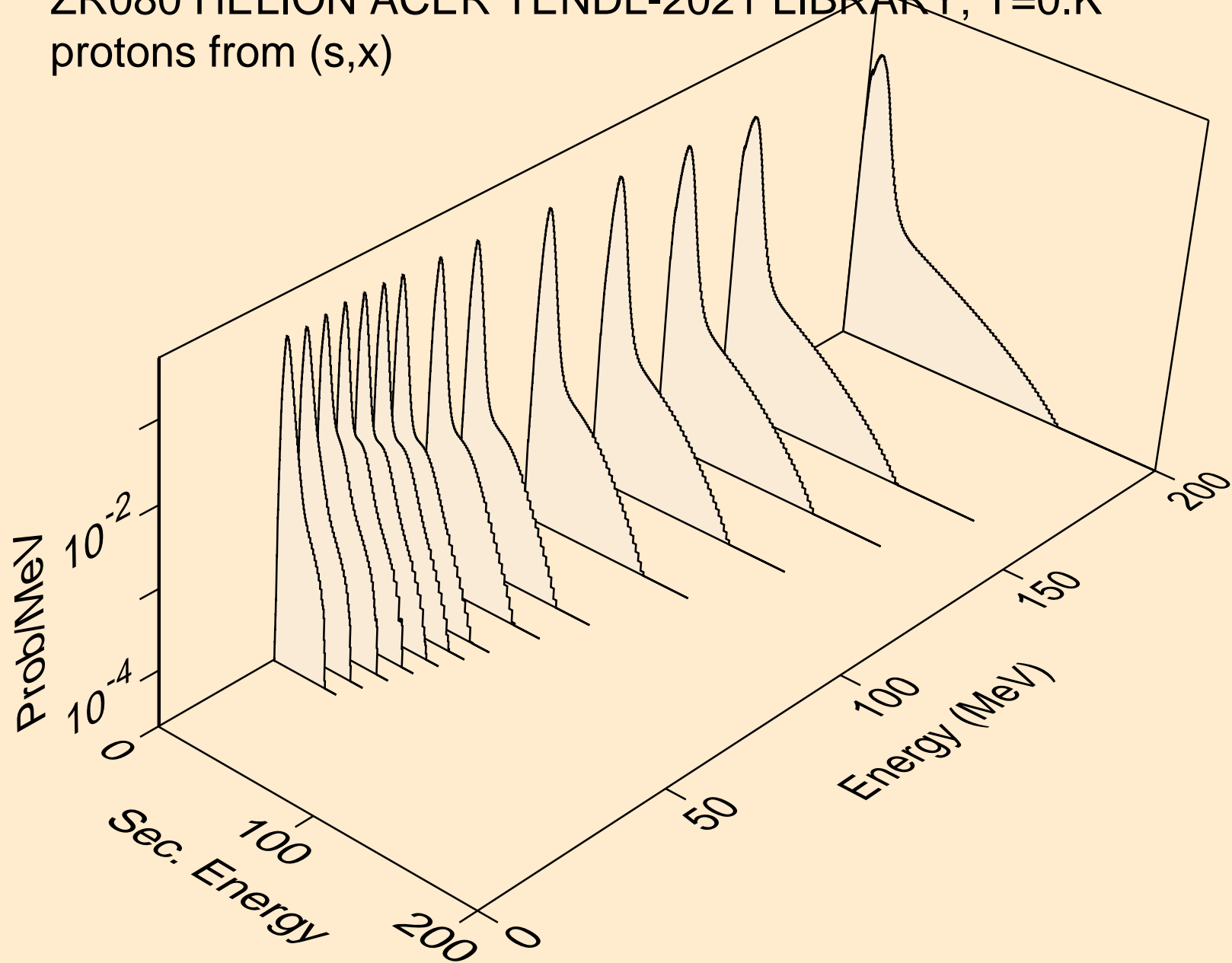
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,2np)



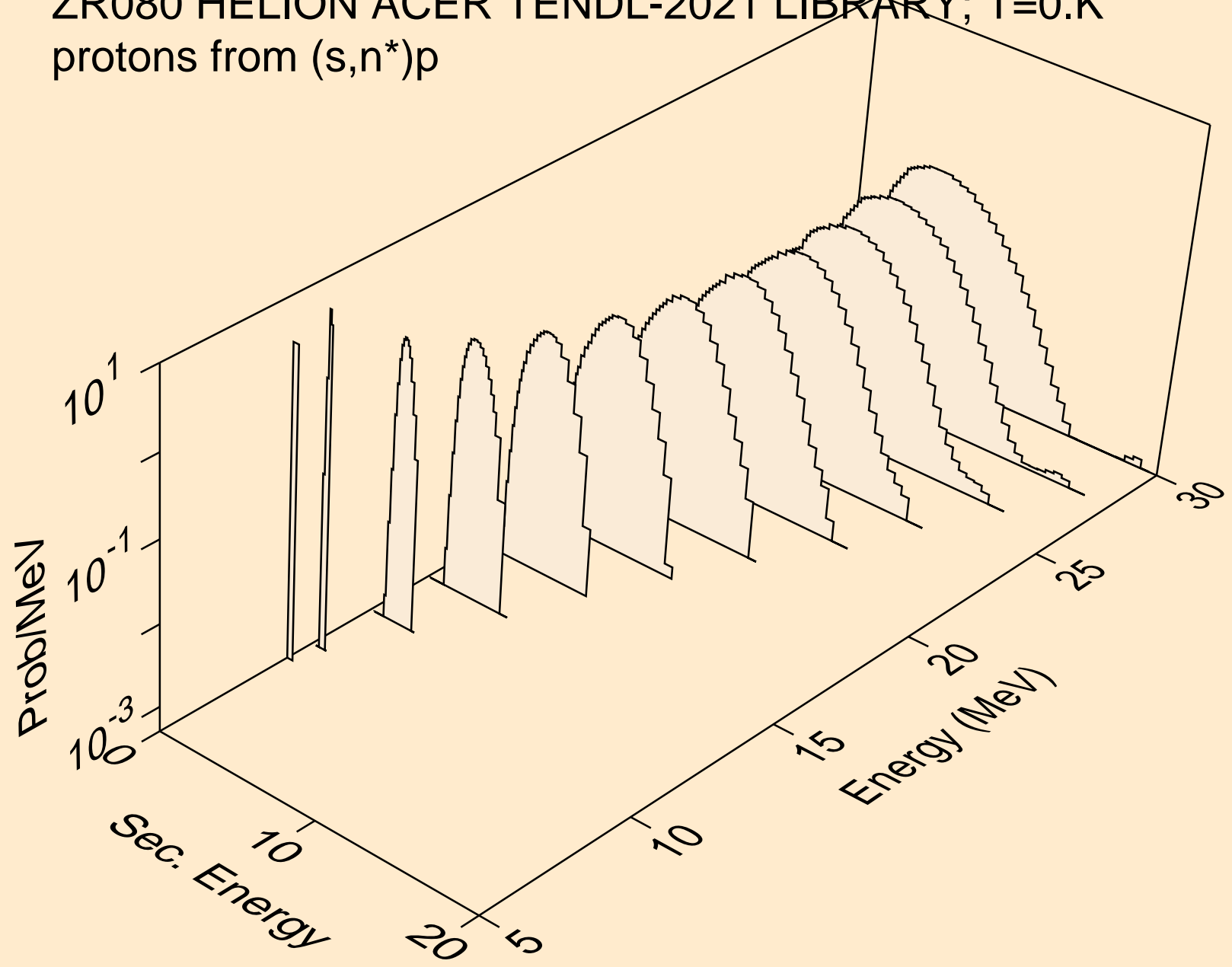
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,npa)



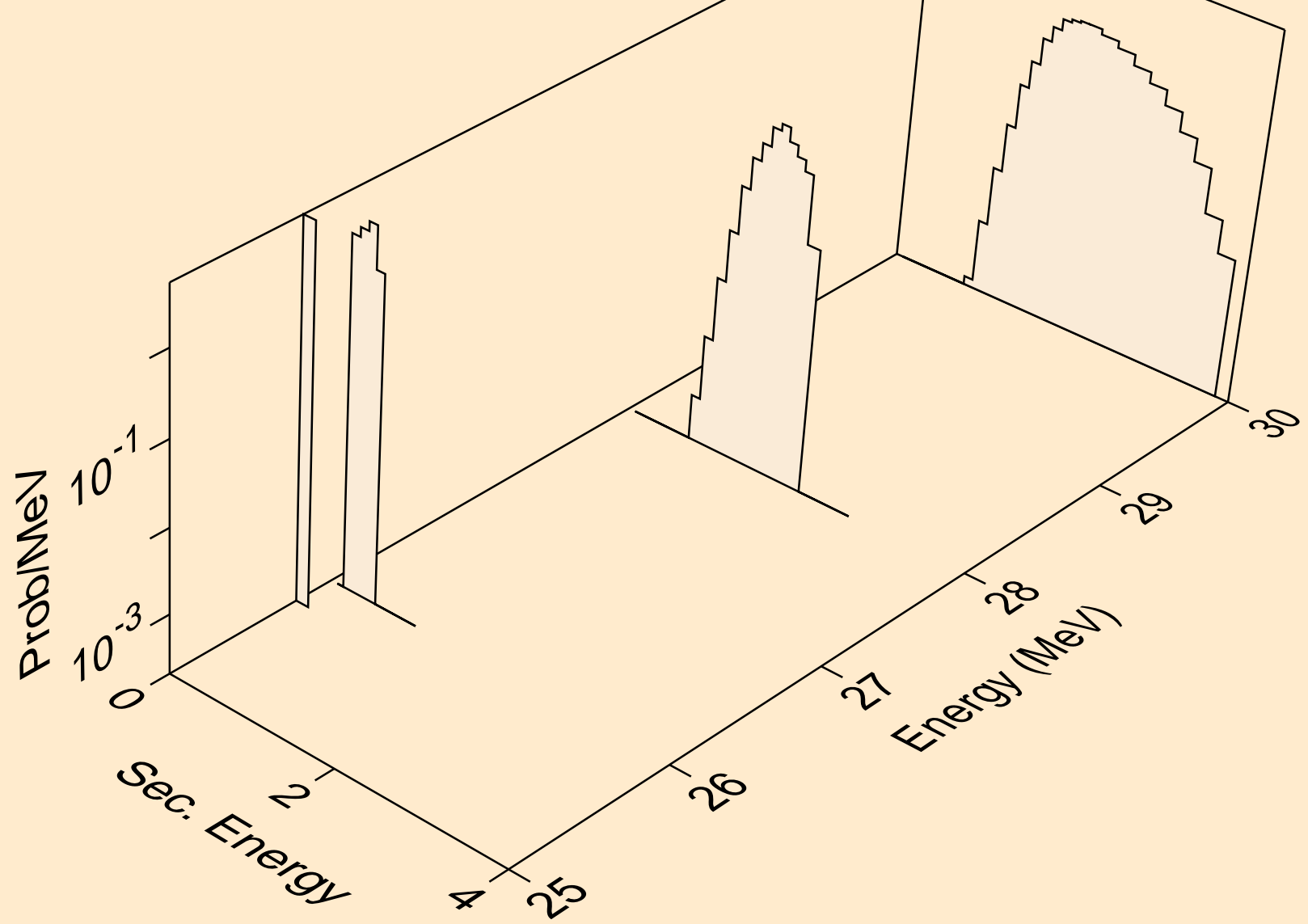
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
protons from (s,x)



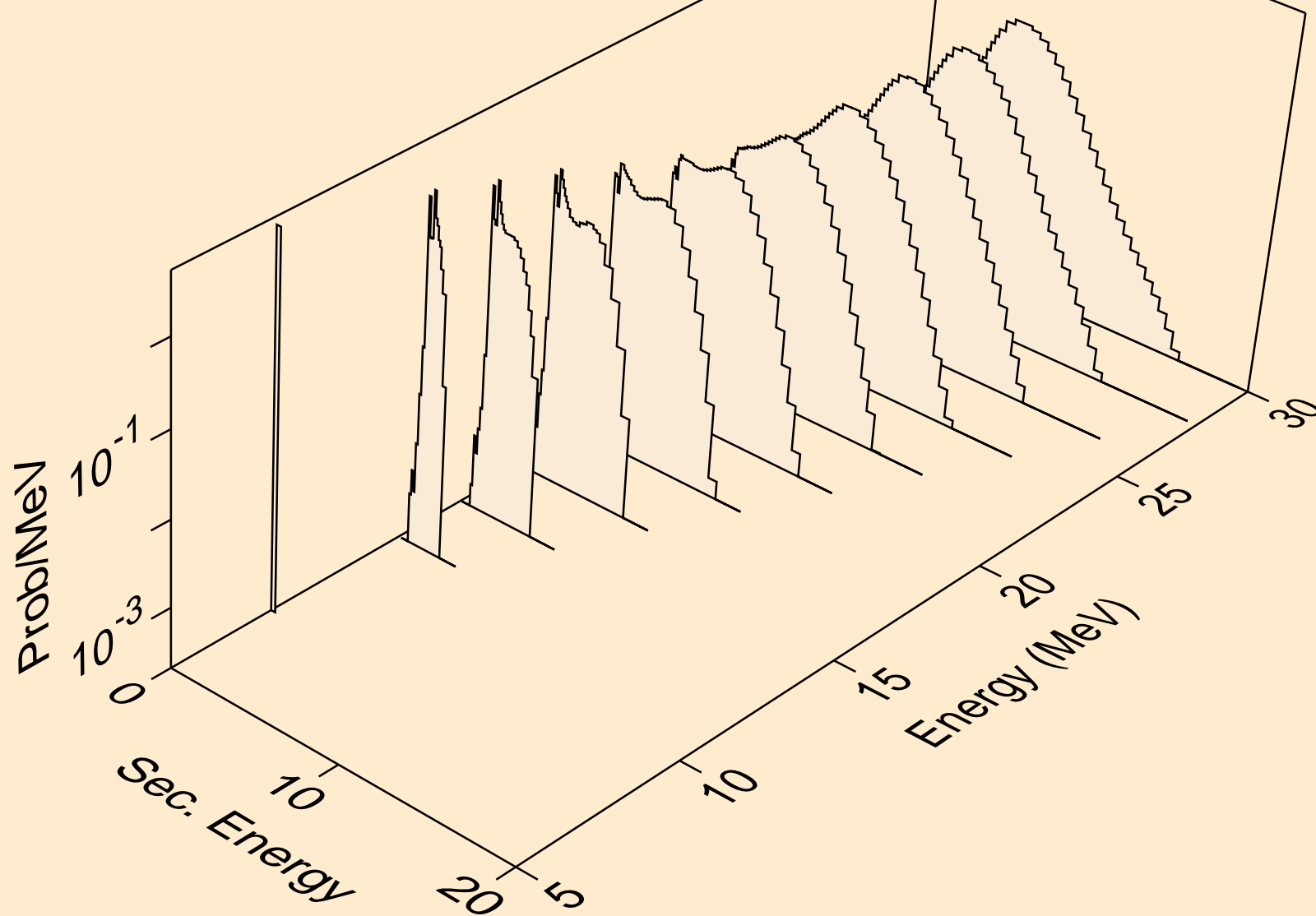
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
protons from (s,n*)p



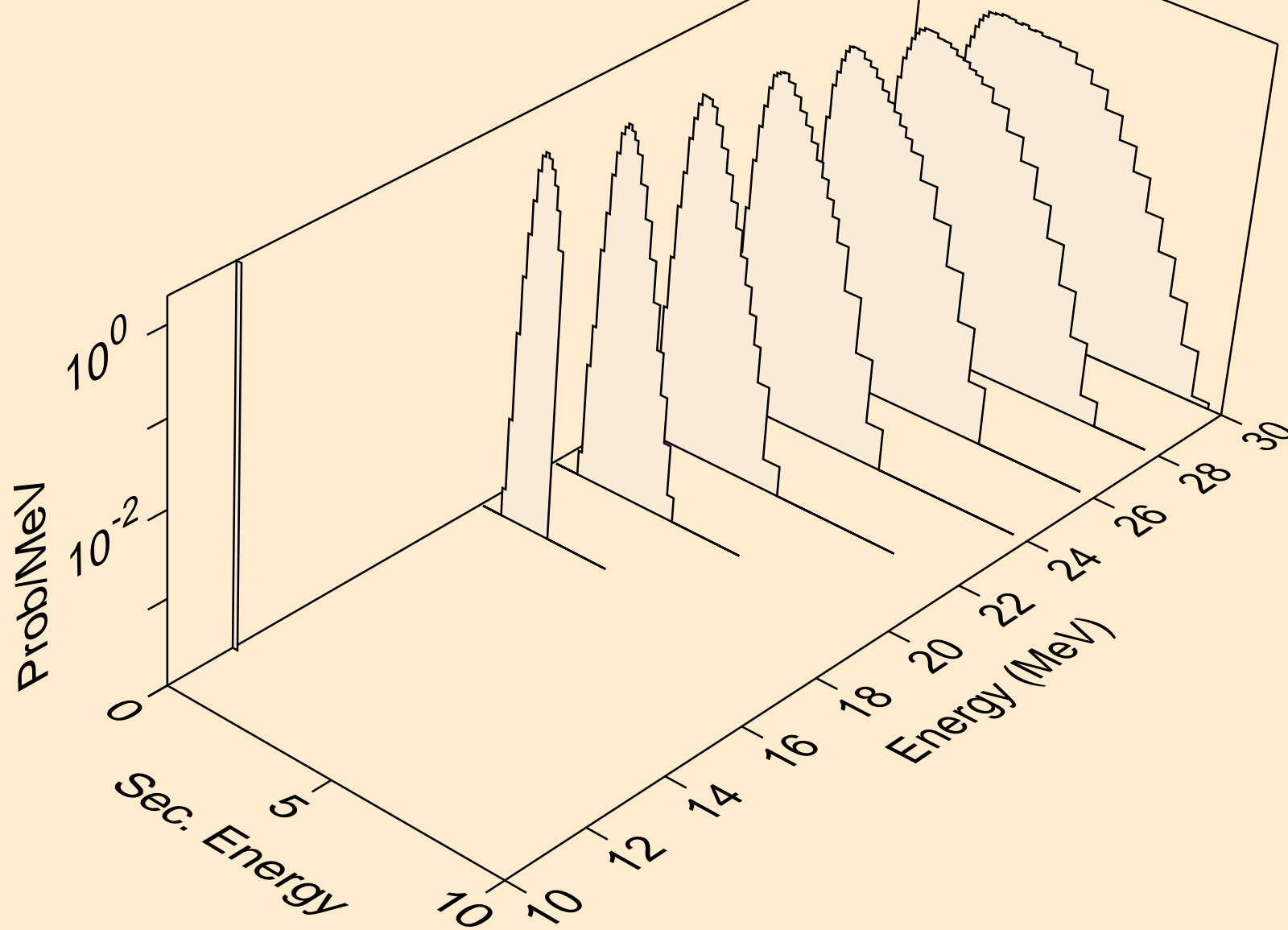
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
protons from (s,2np)



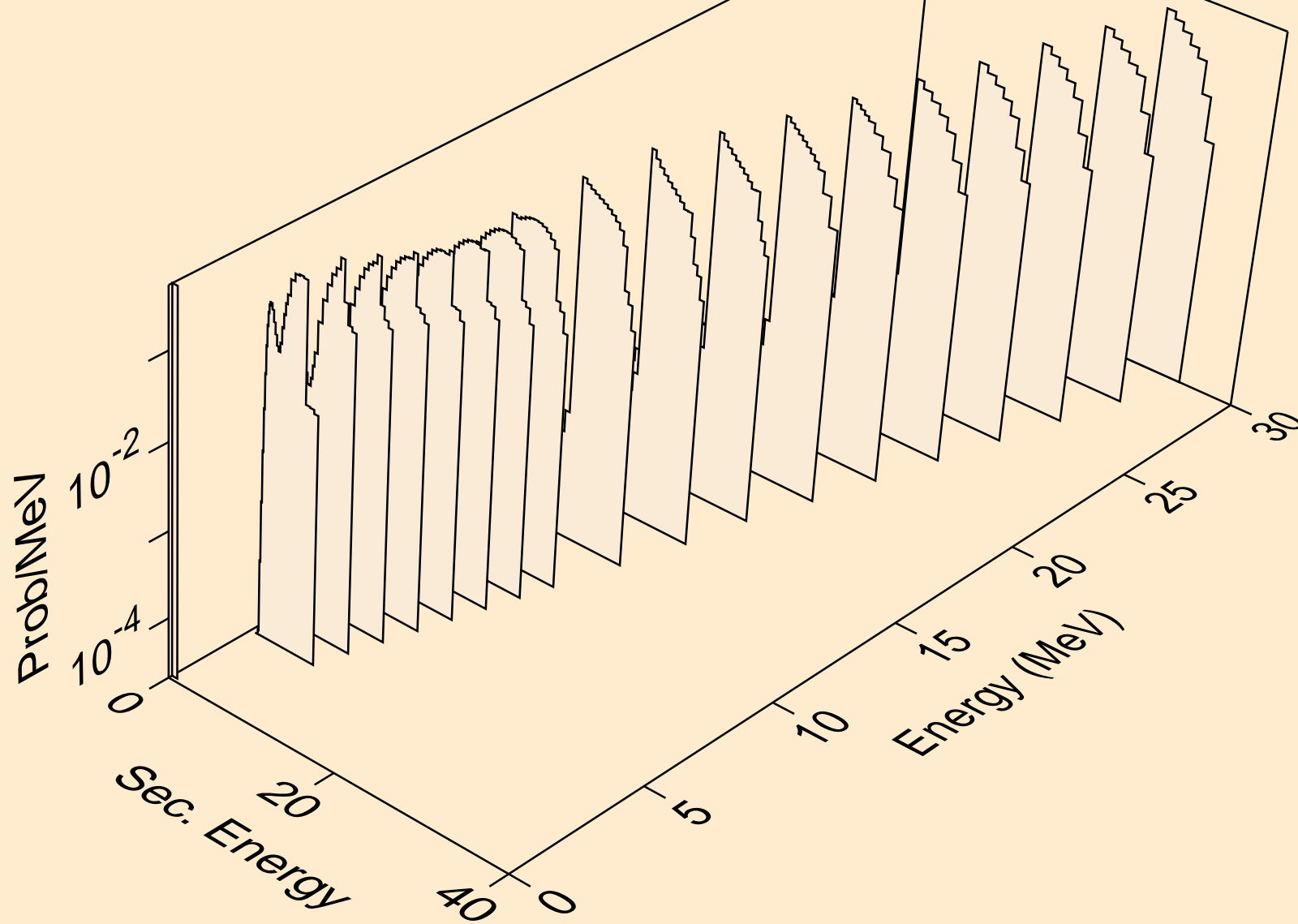
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
protons from (s,2np)



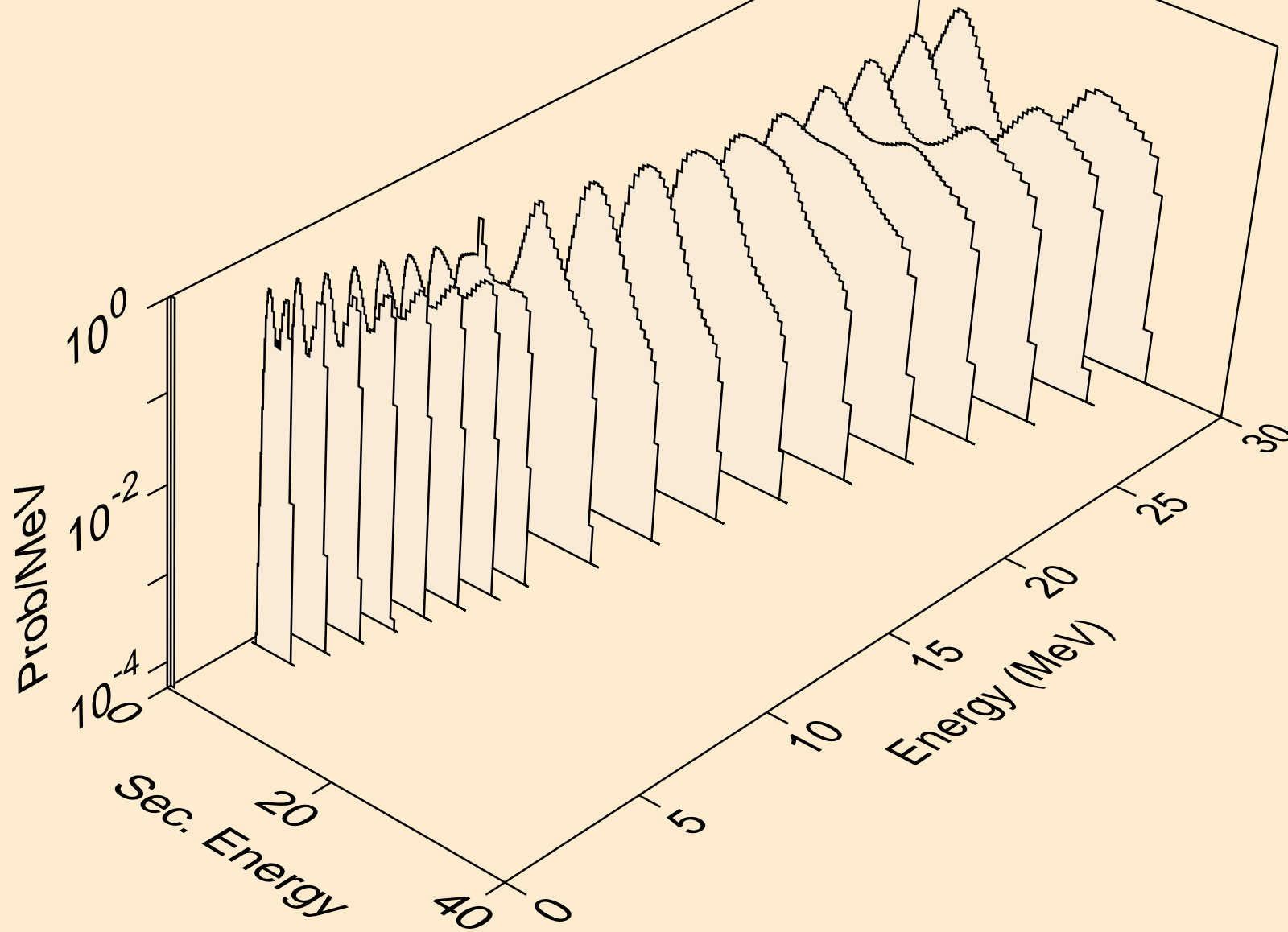
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
protons from (s,npa)



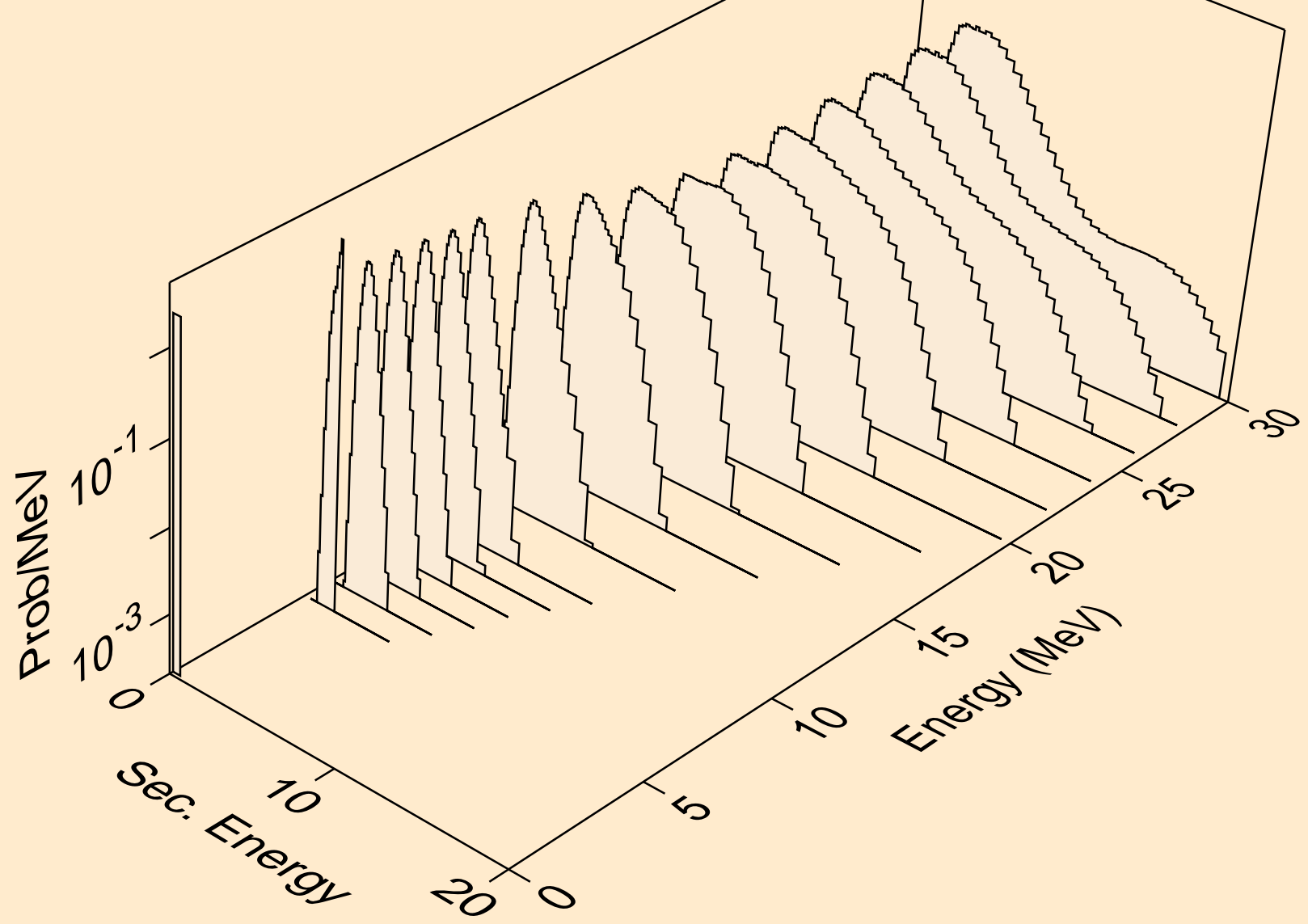
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
protons from (s,p)



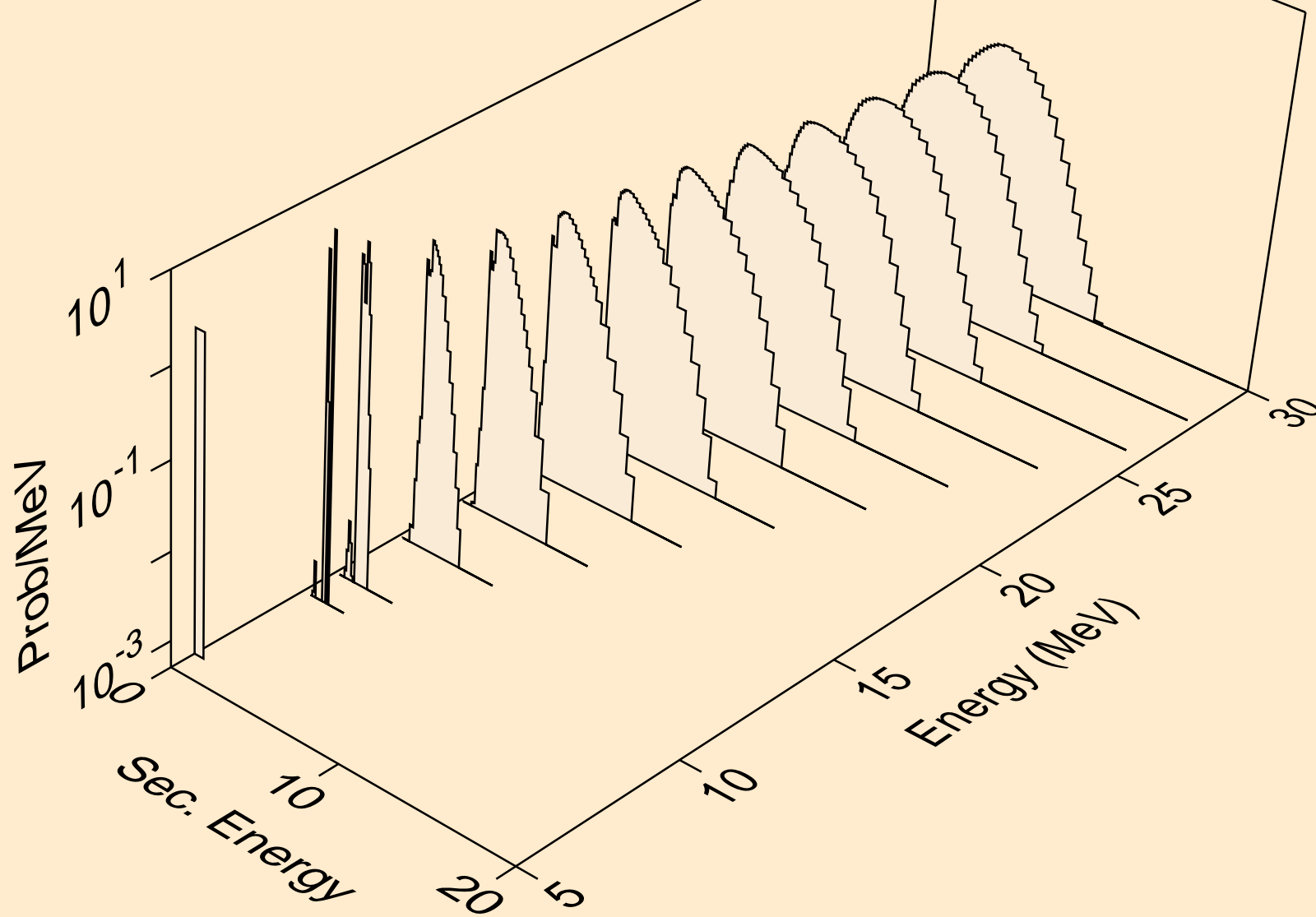
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
protons from (s,2p)



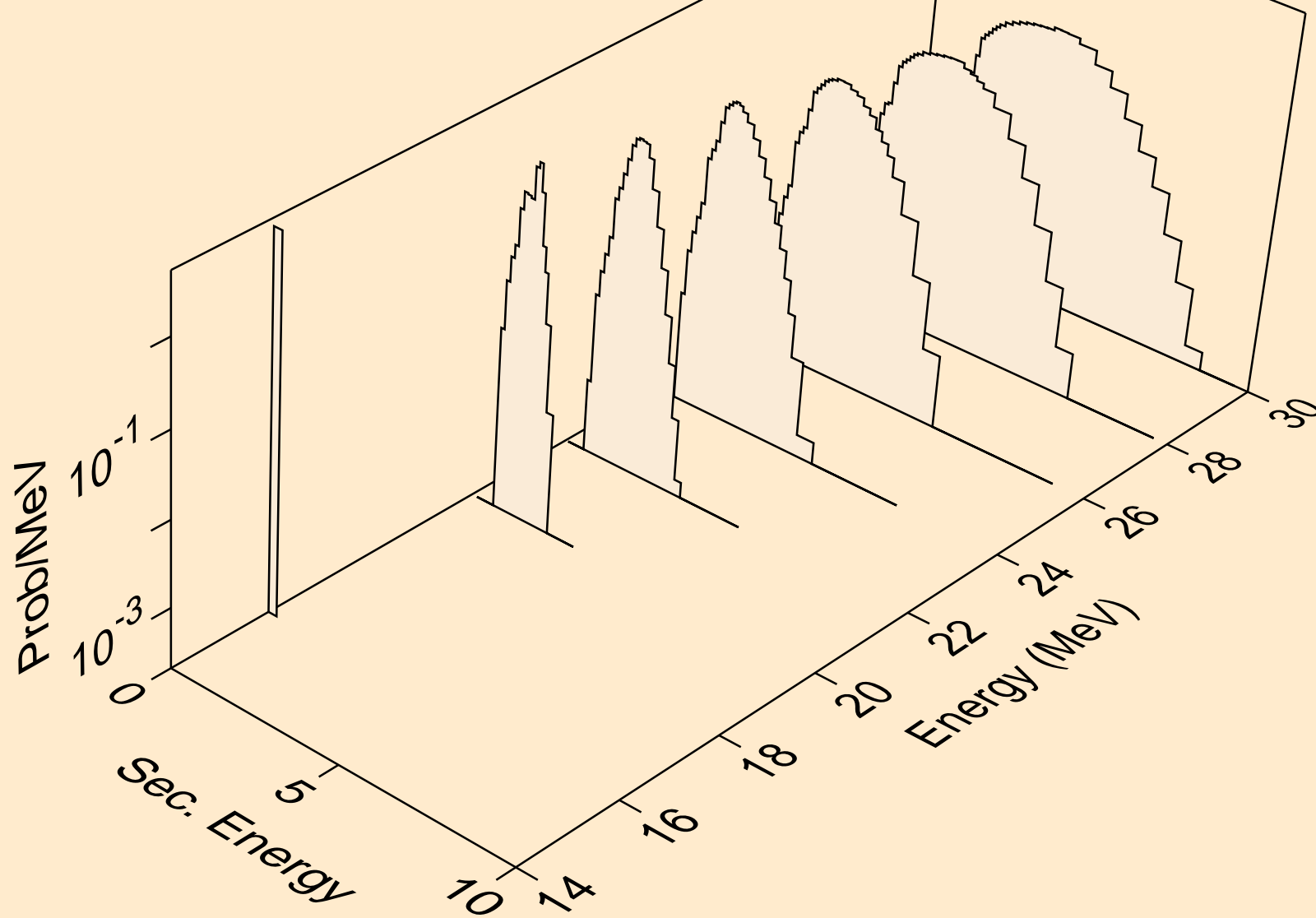
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
protons from (s,pa)



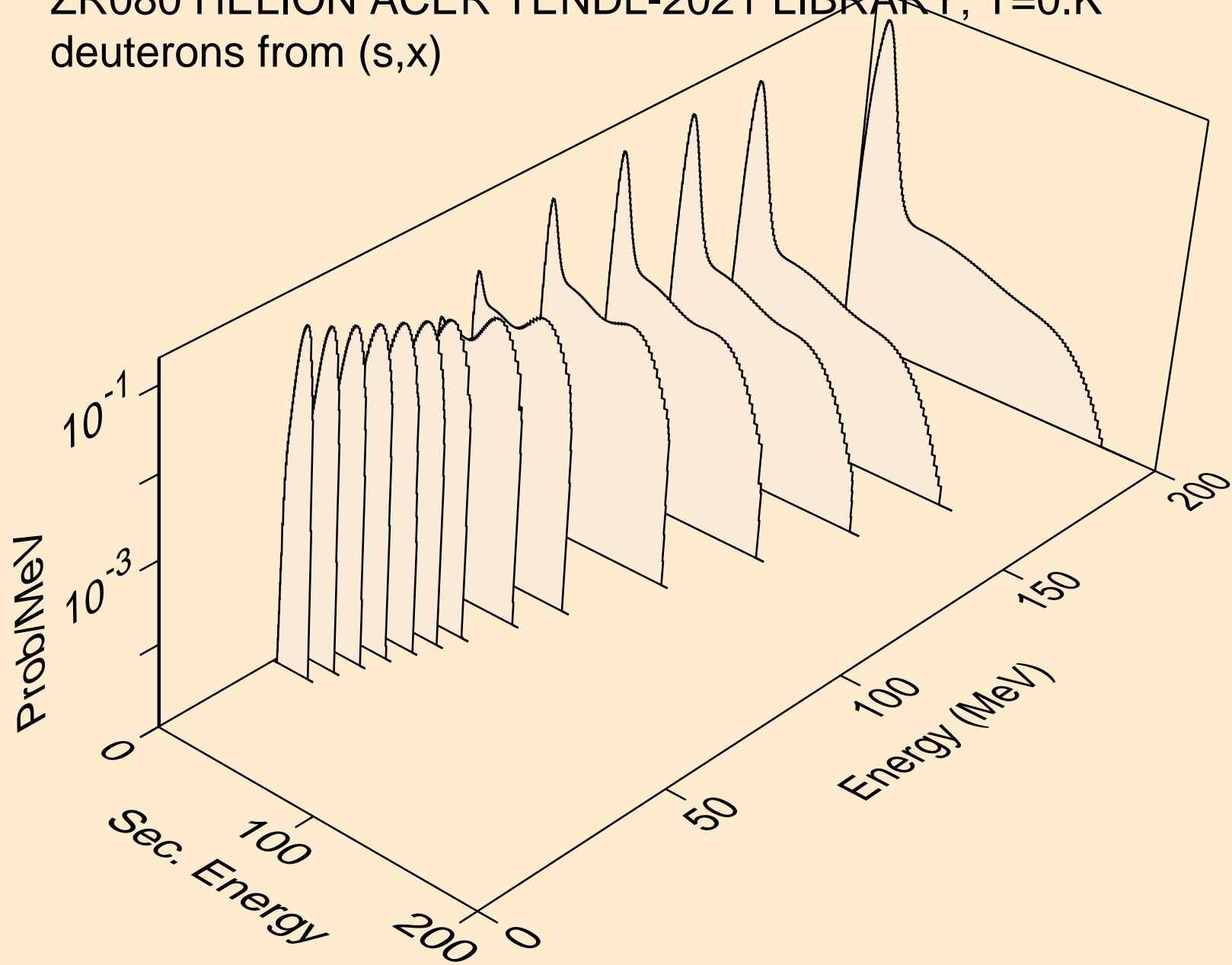
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
protons from (s,pd)



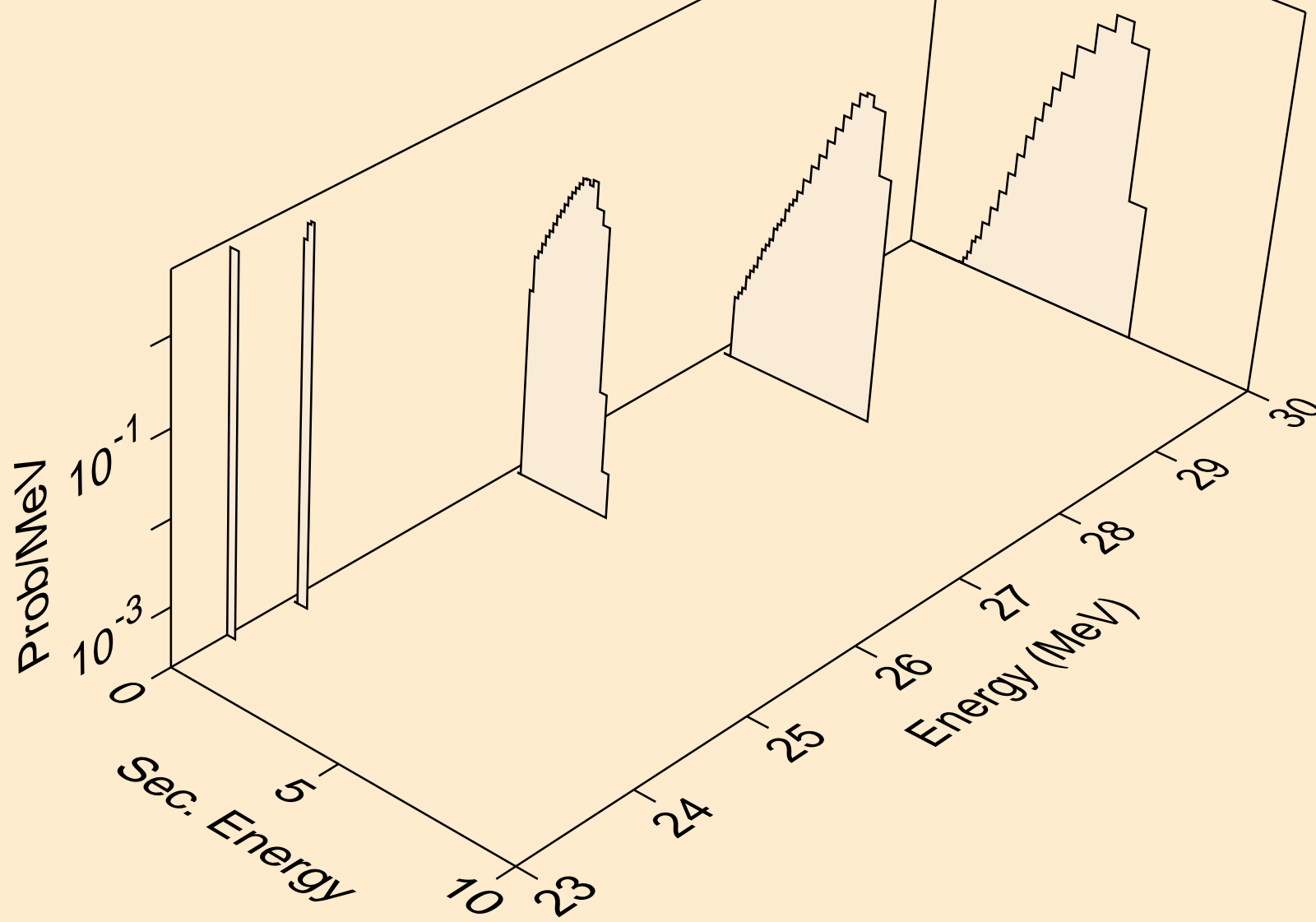
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
protons from (s,pt)



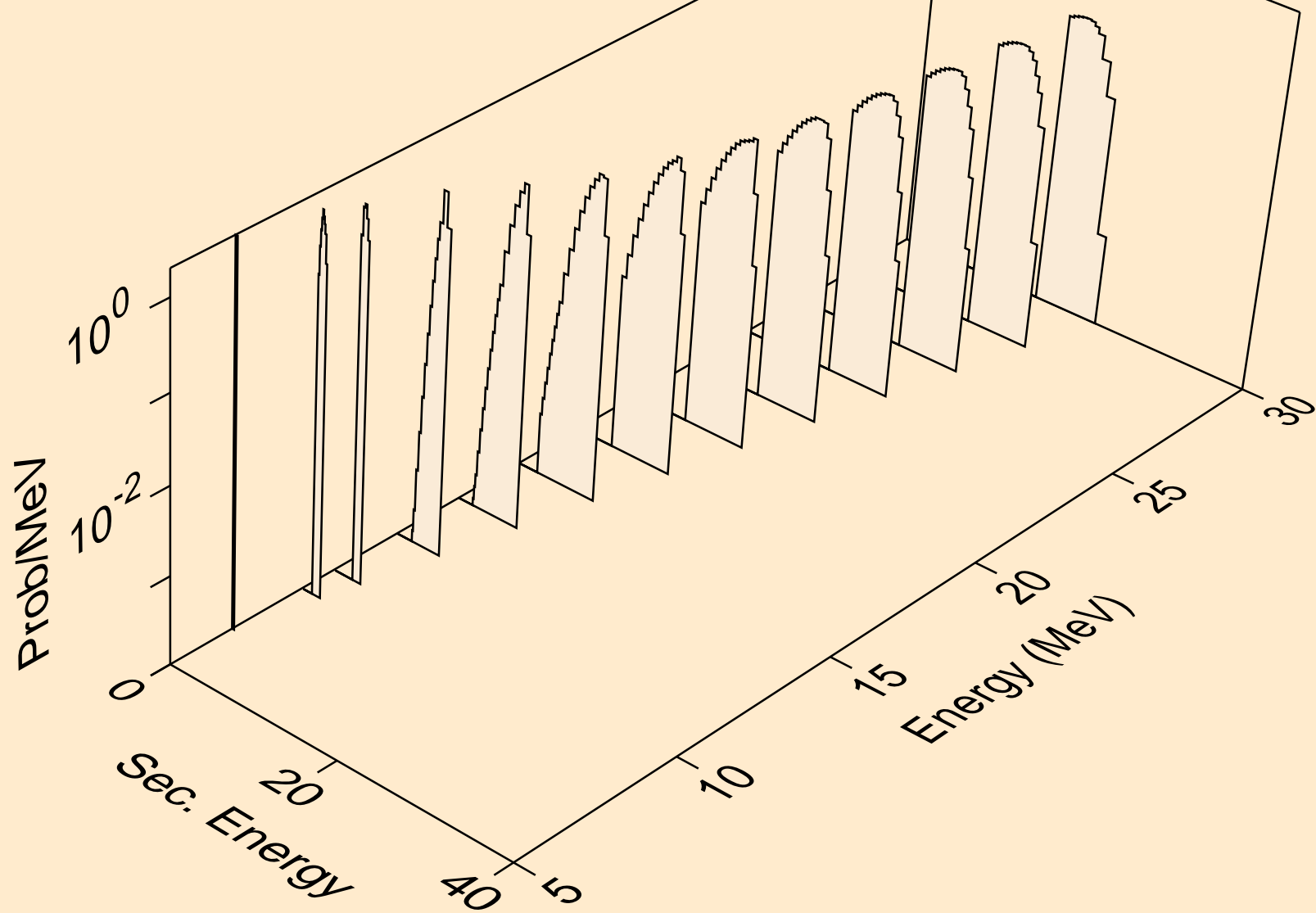
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (s,x)



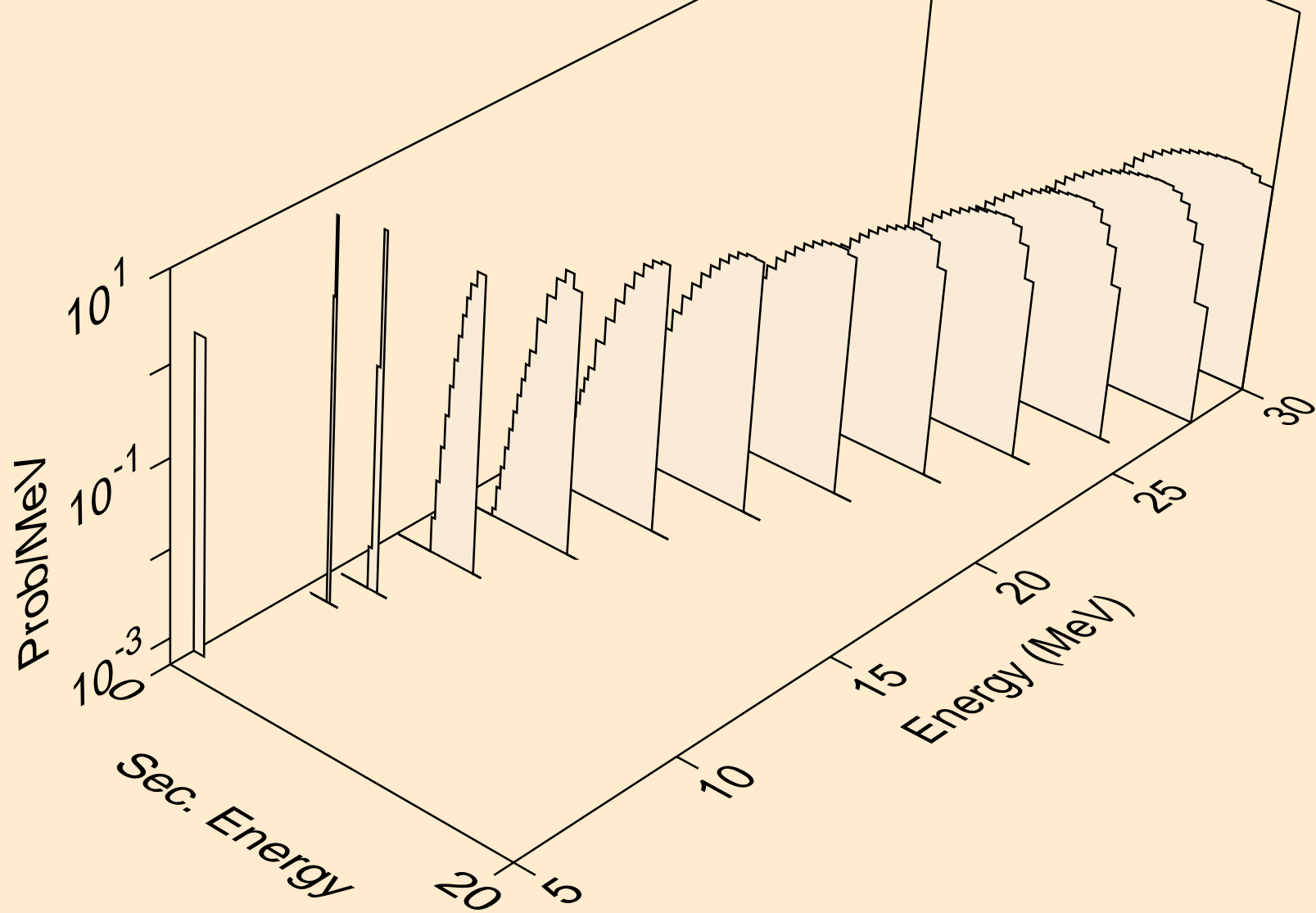
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (s,n*)d



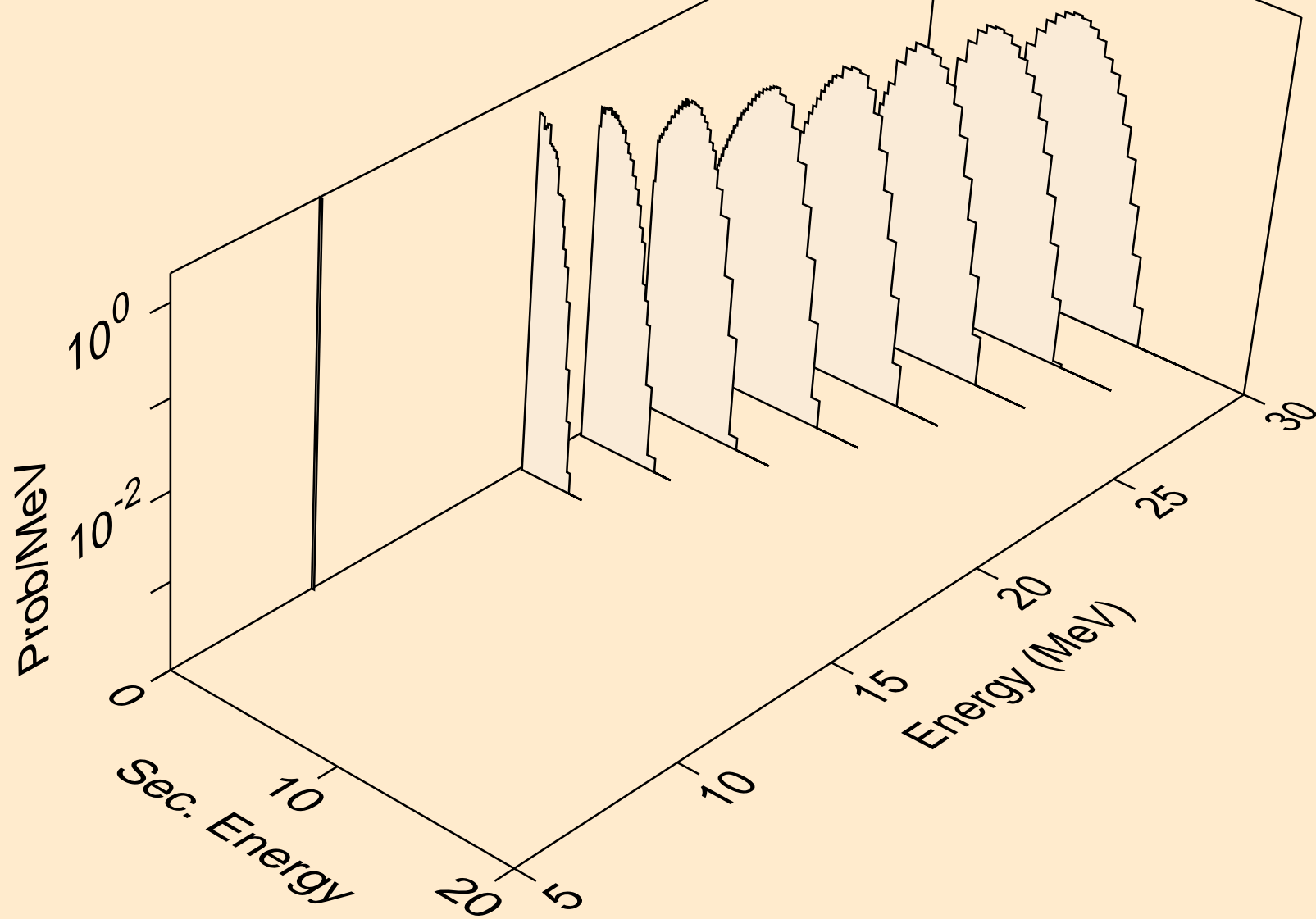
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (s,d)



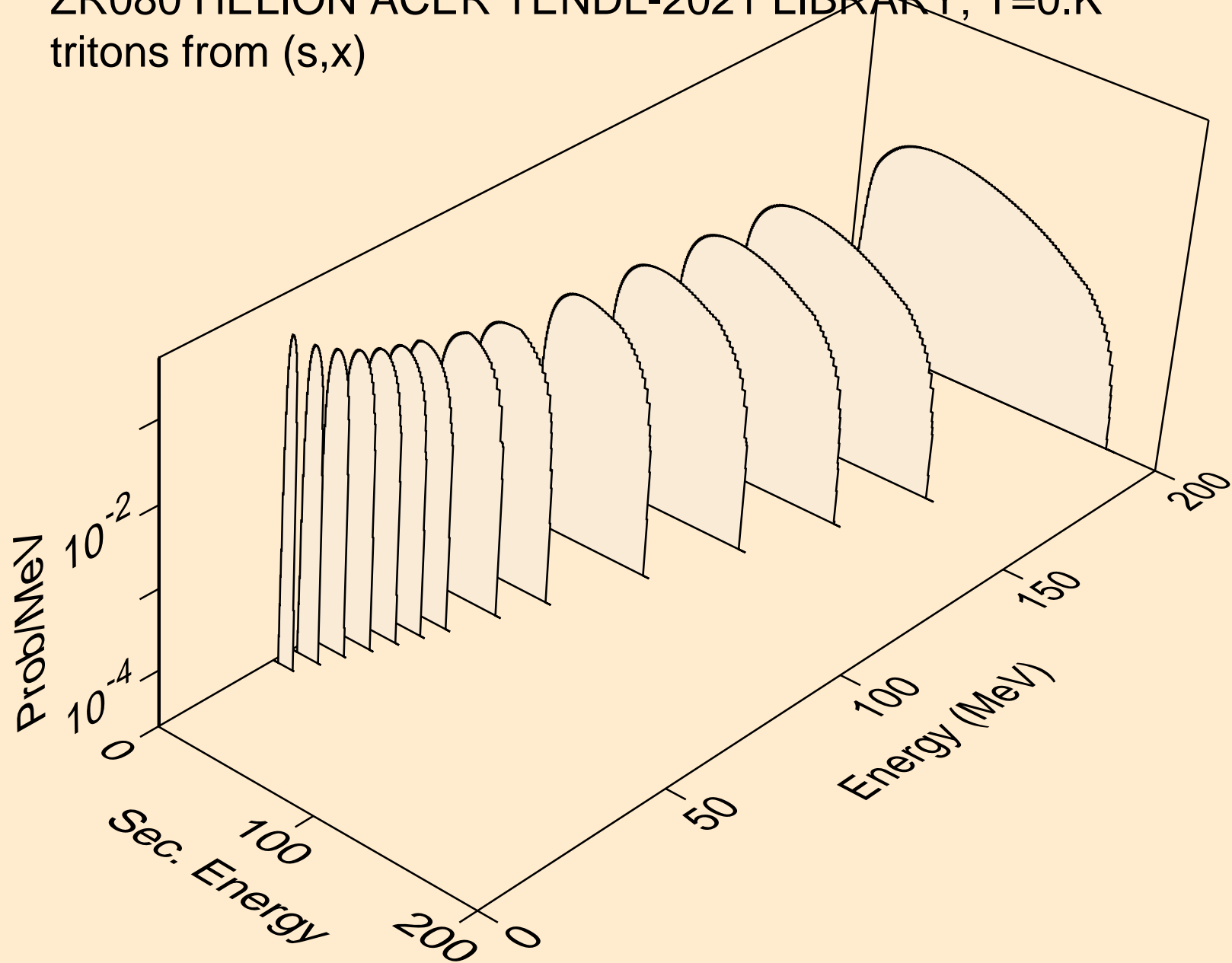
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (s,pd)



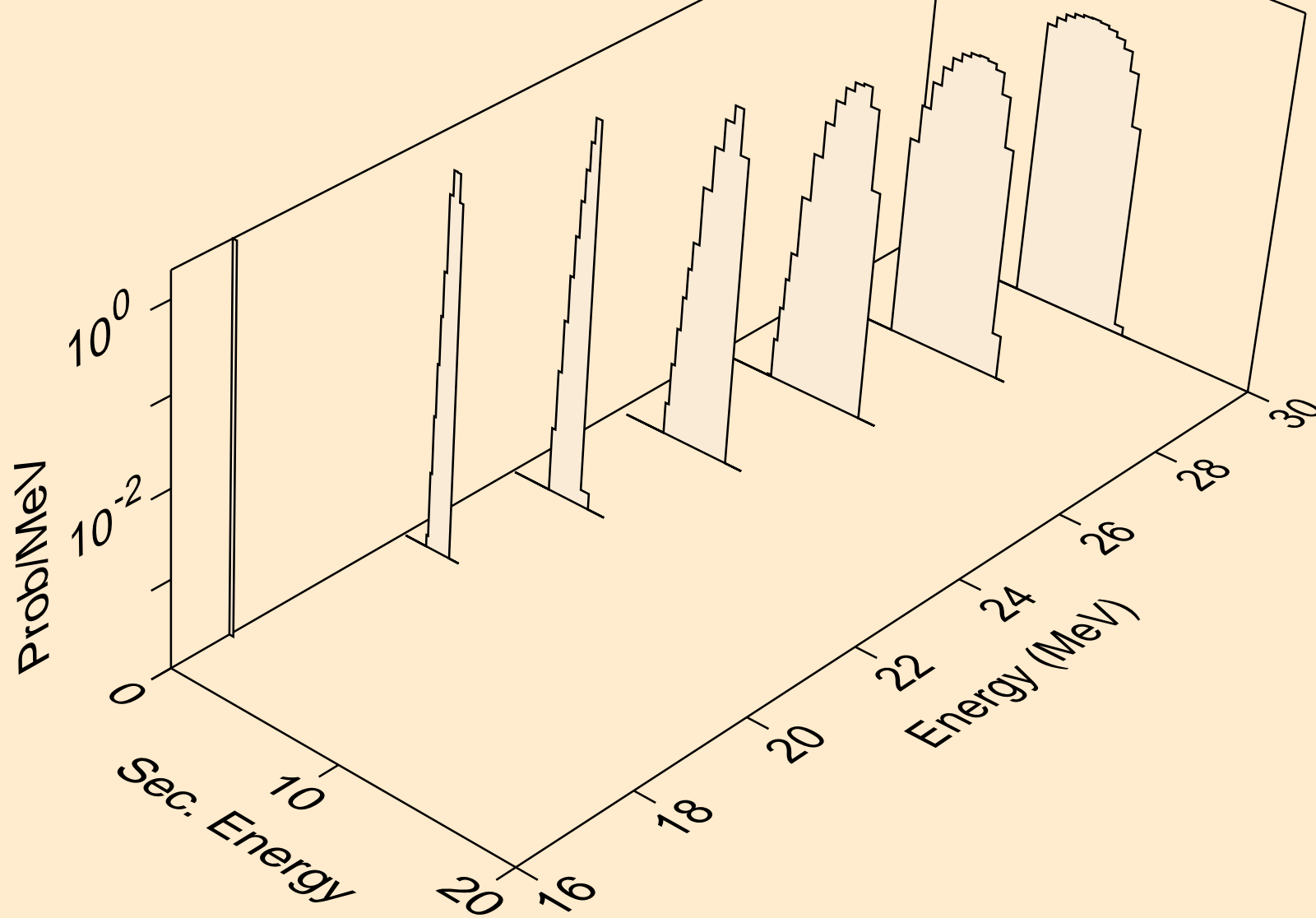
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (s,da)



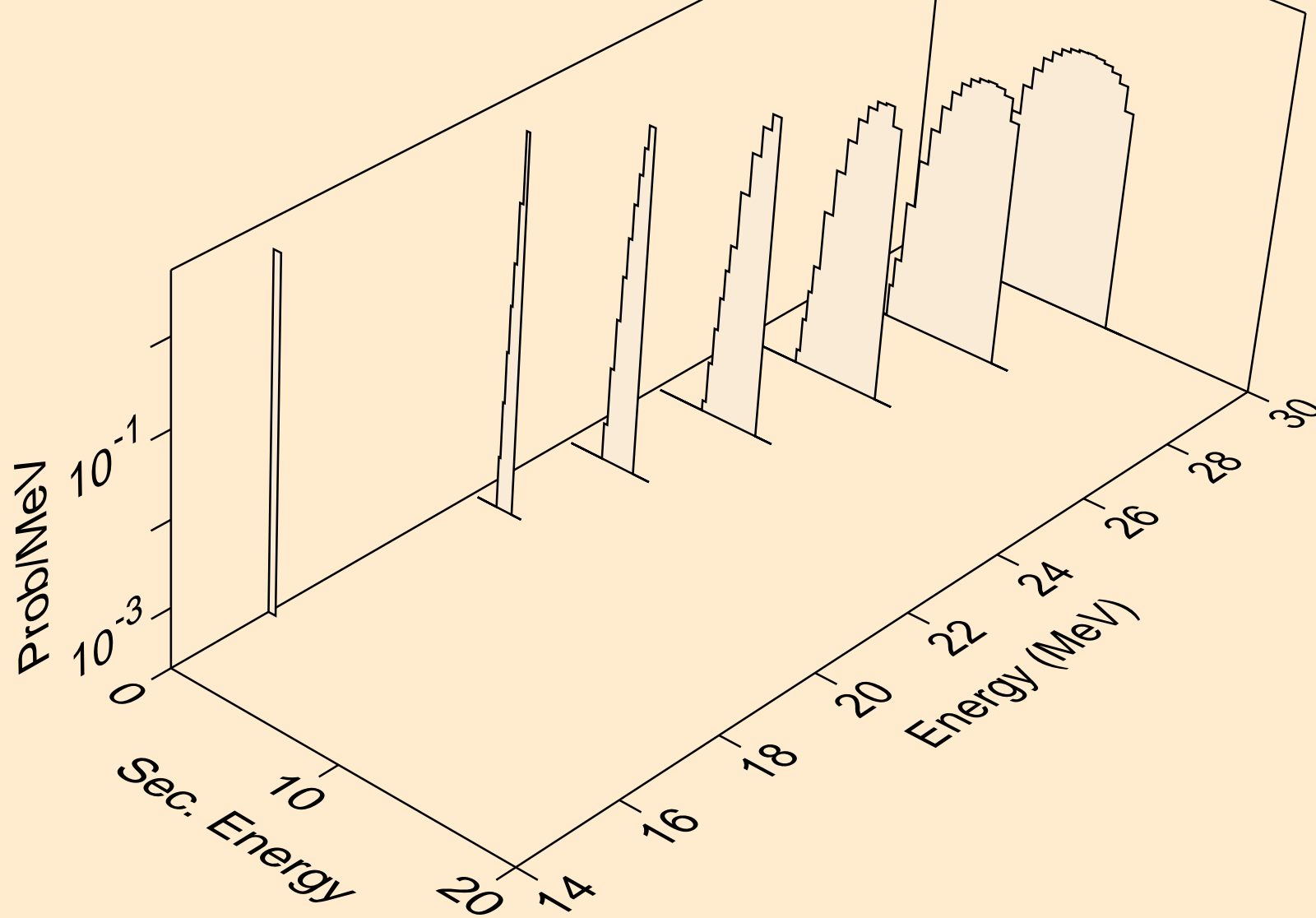
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
tritons from (s,x)



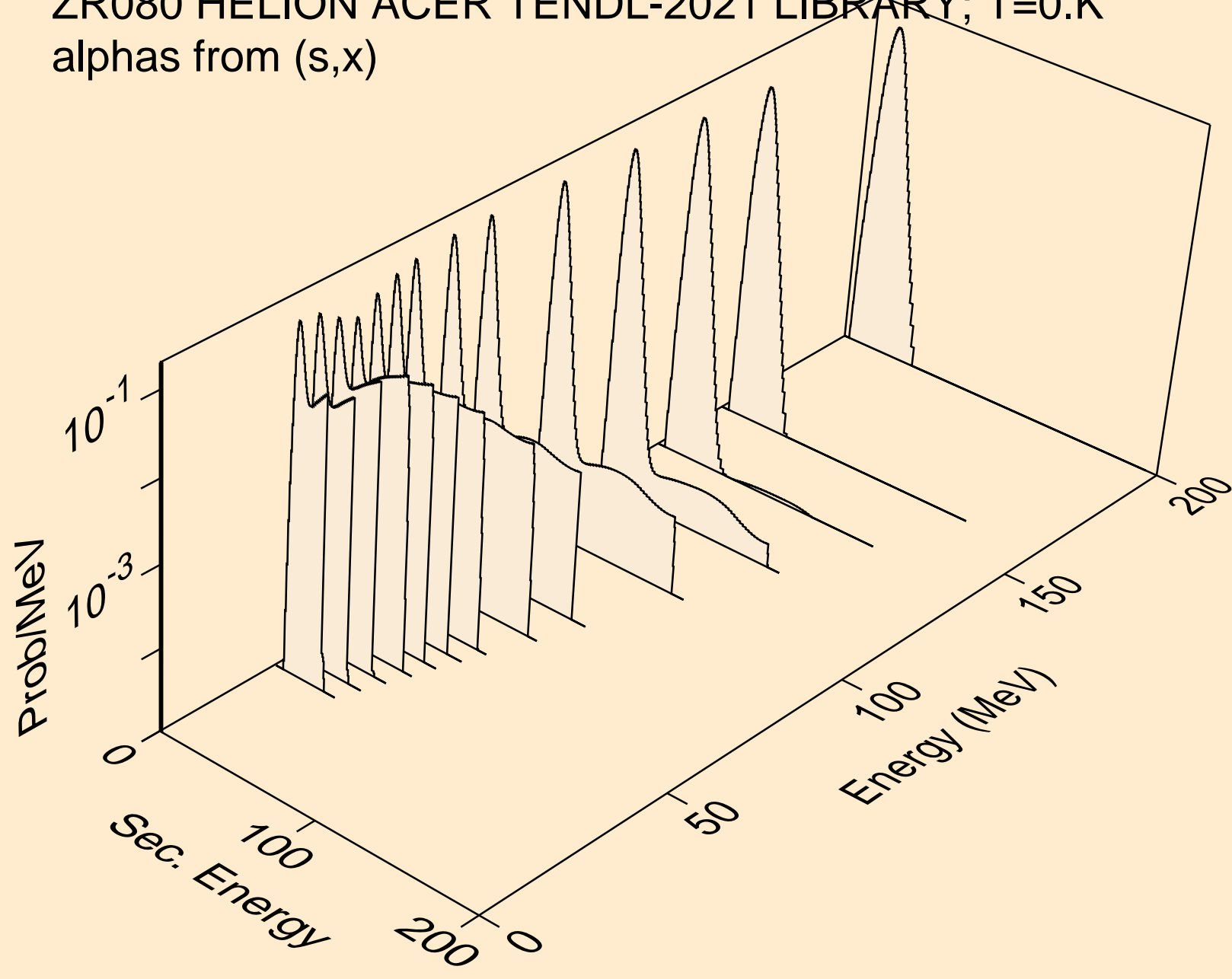
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
tritons from (s,t)



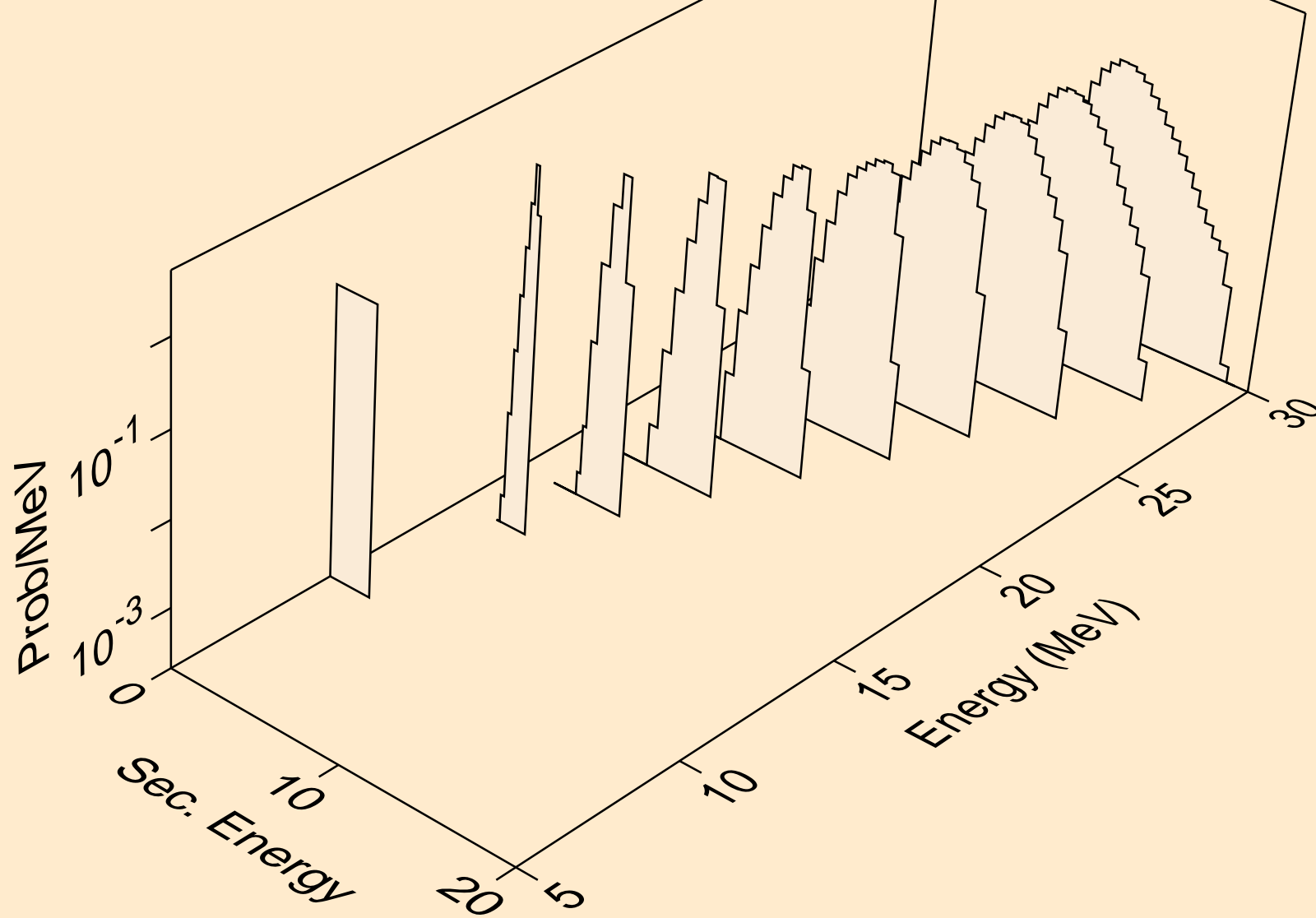
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
tritons from (s,pt)



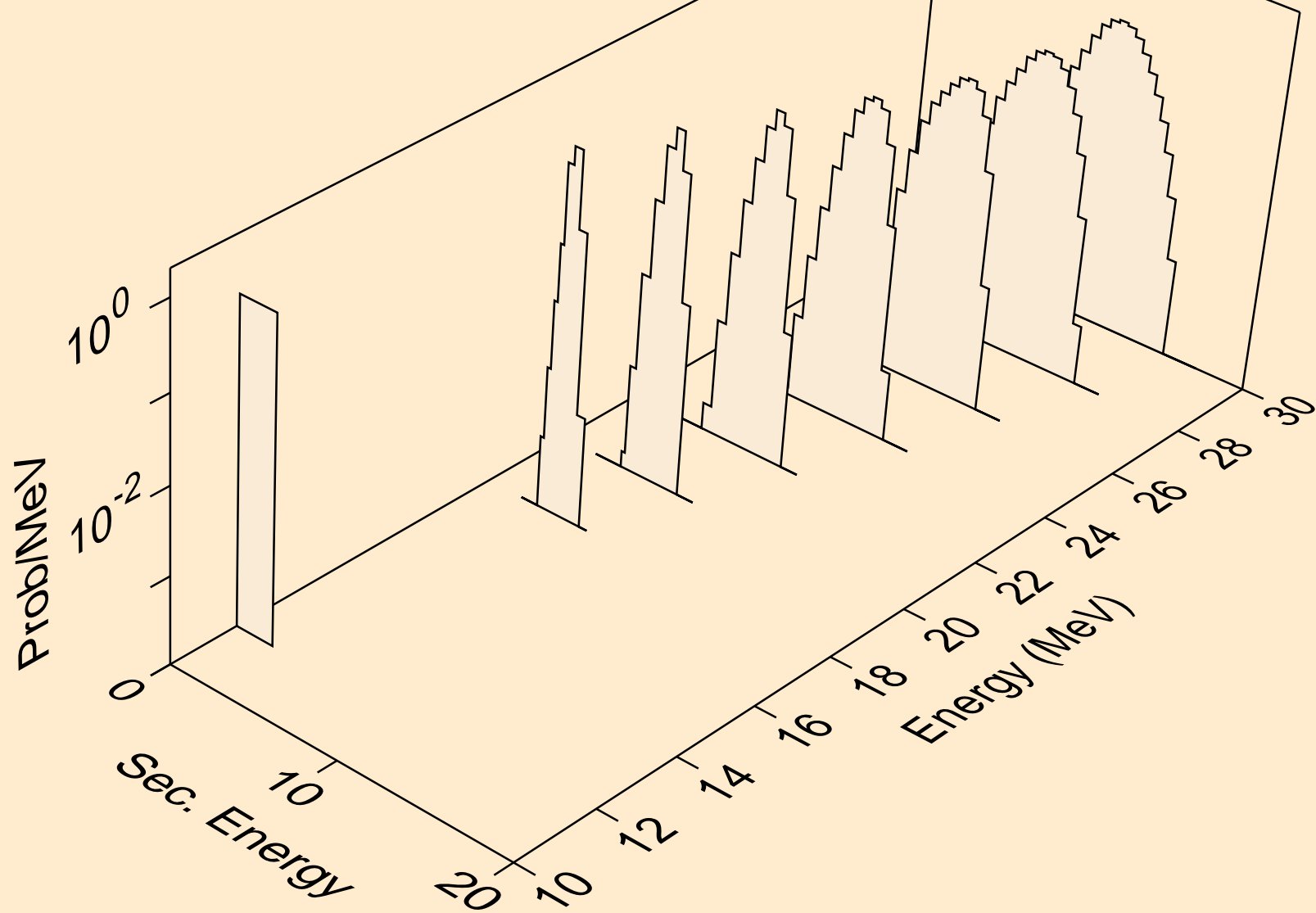
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
alphas from (s,x)



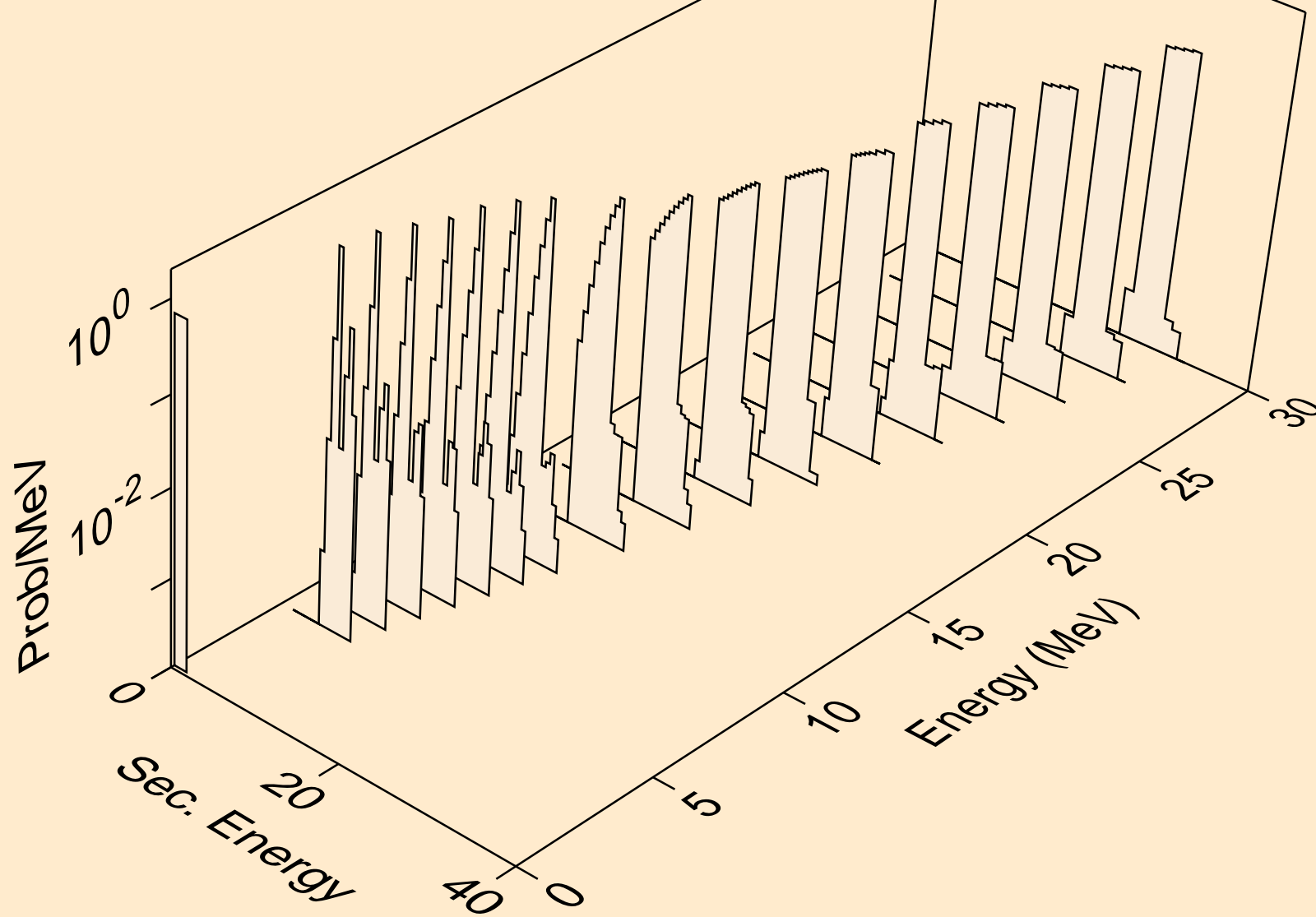
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
alphas from (s,n*)a



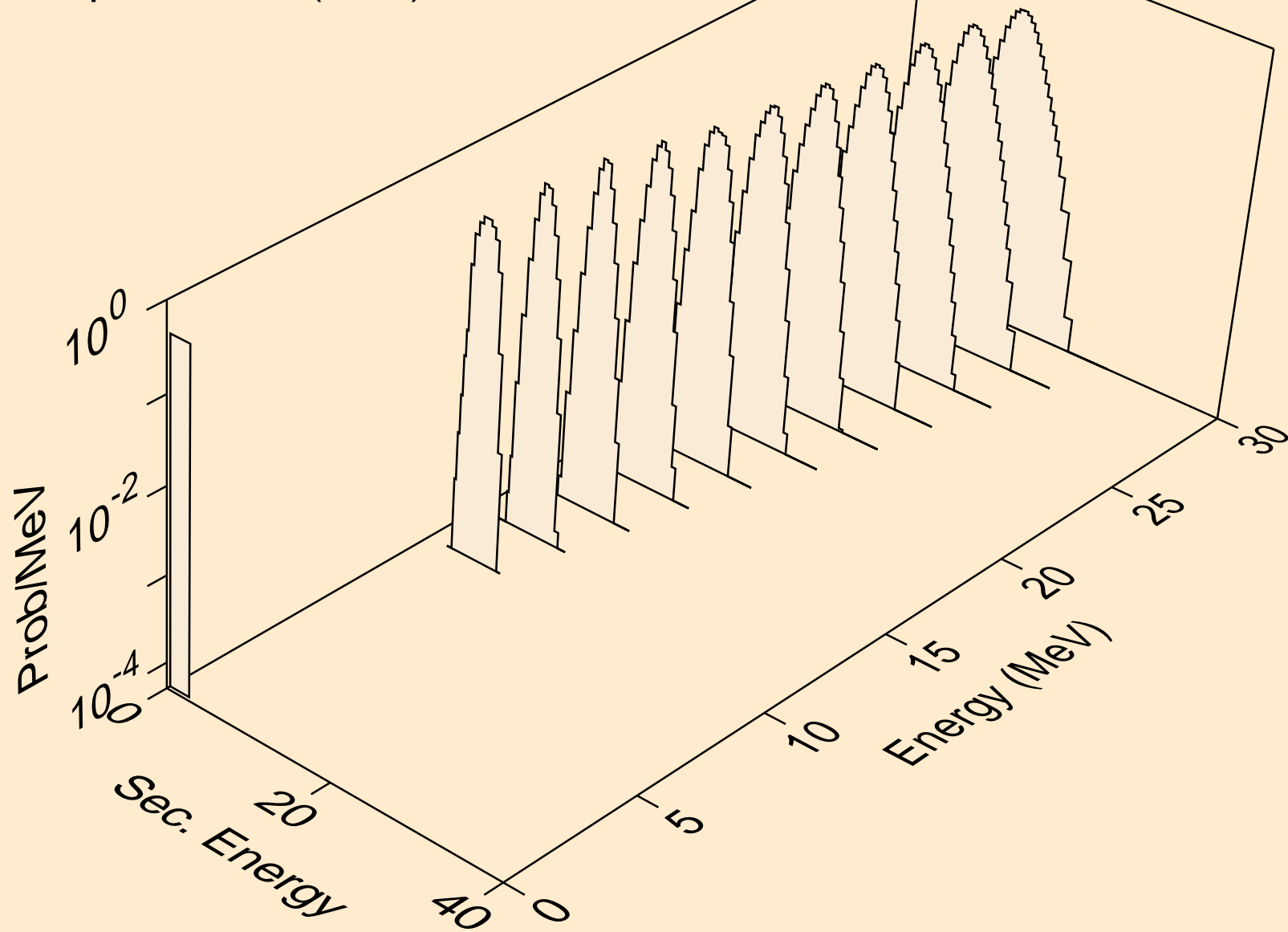
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
alphas from (s,npa)



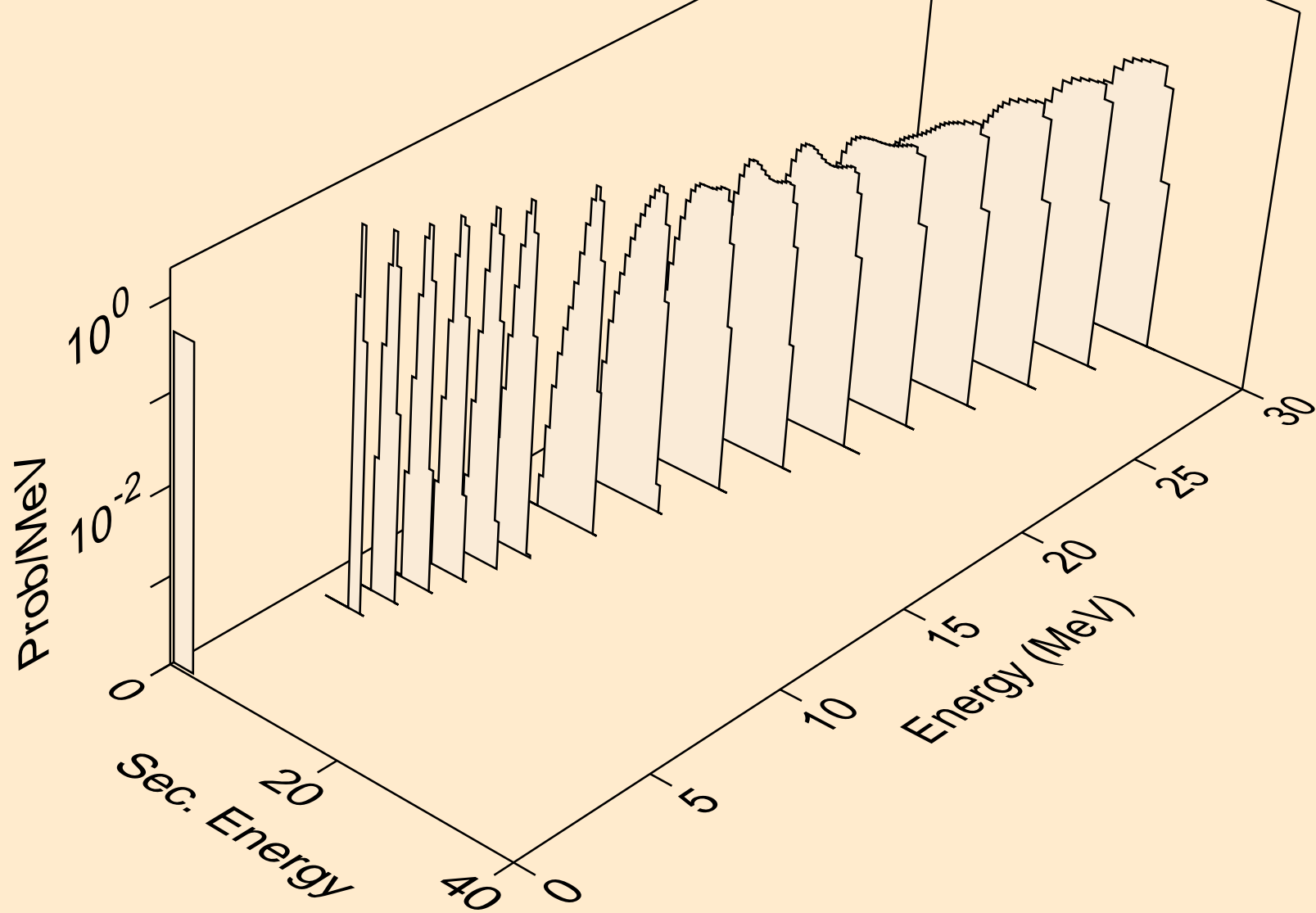
ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
alphas from (s,a)



ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
alphas from (s,2a)



ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
alphas from (s,pa)



ZR080 HELION ACER TENDL-2021 LIBRARY; T=0.K
alphas from (s,da)

