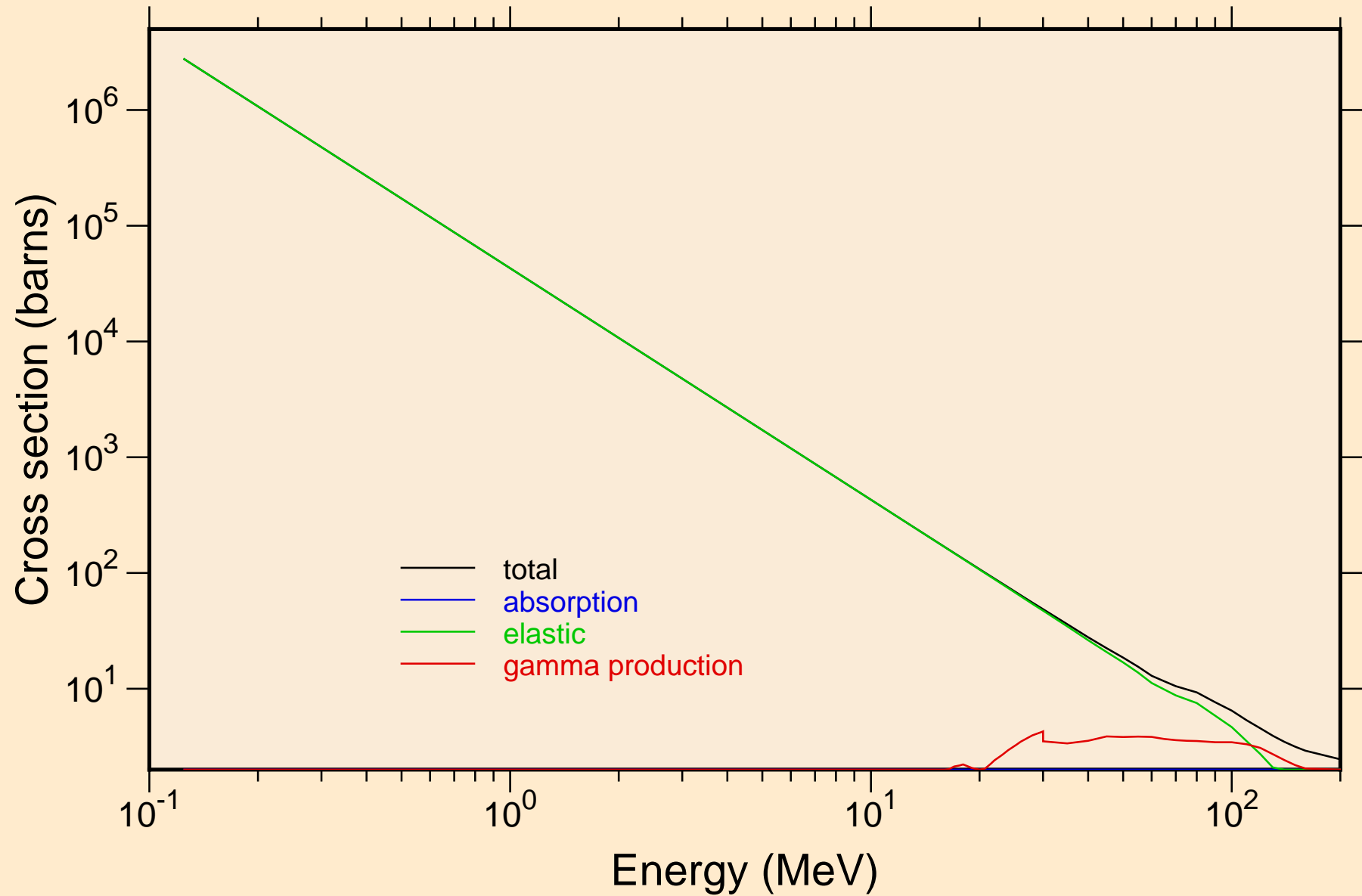
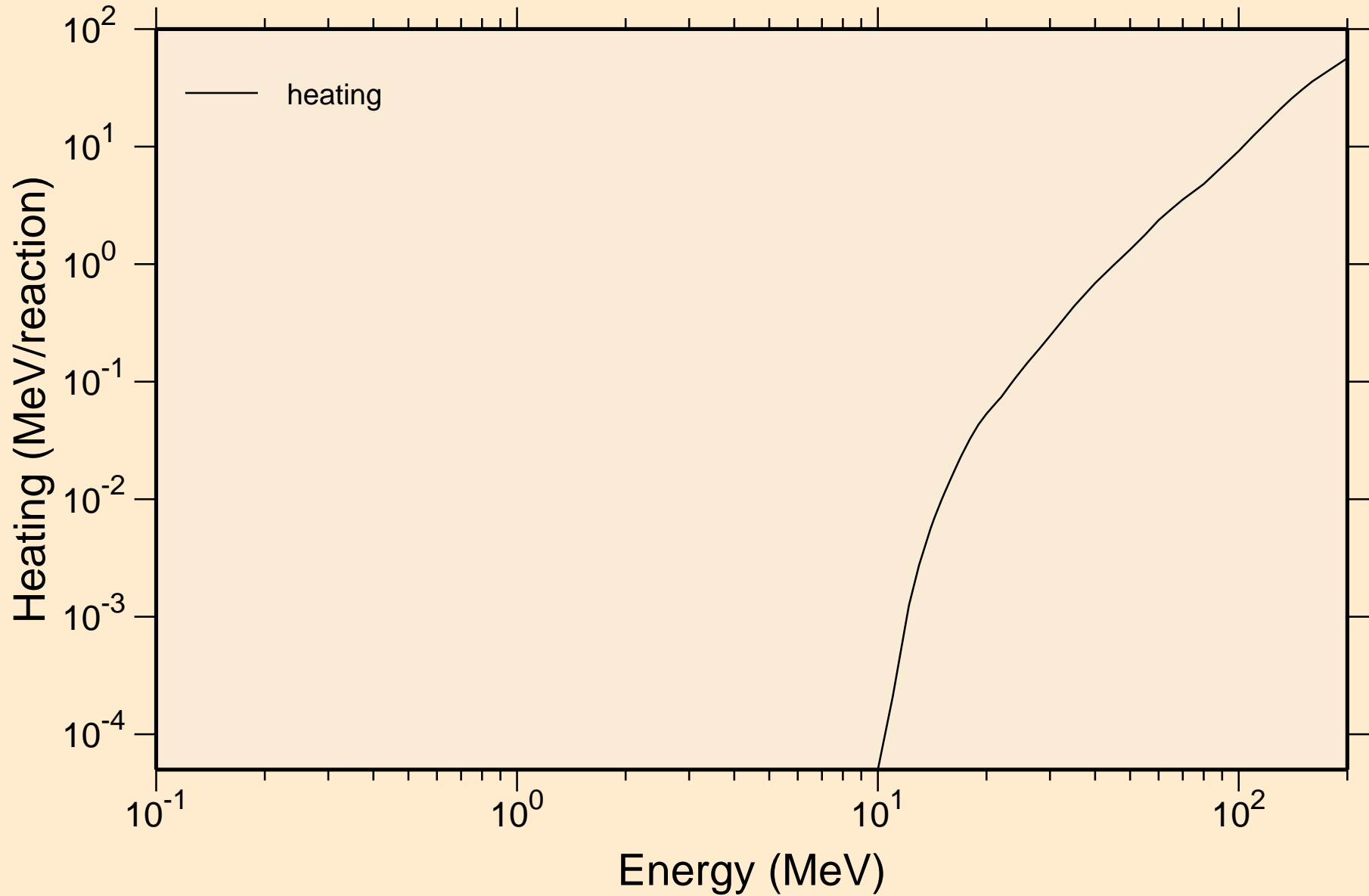


ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Principal cross sections



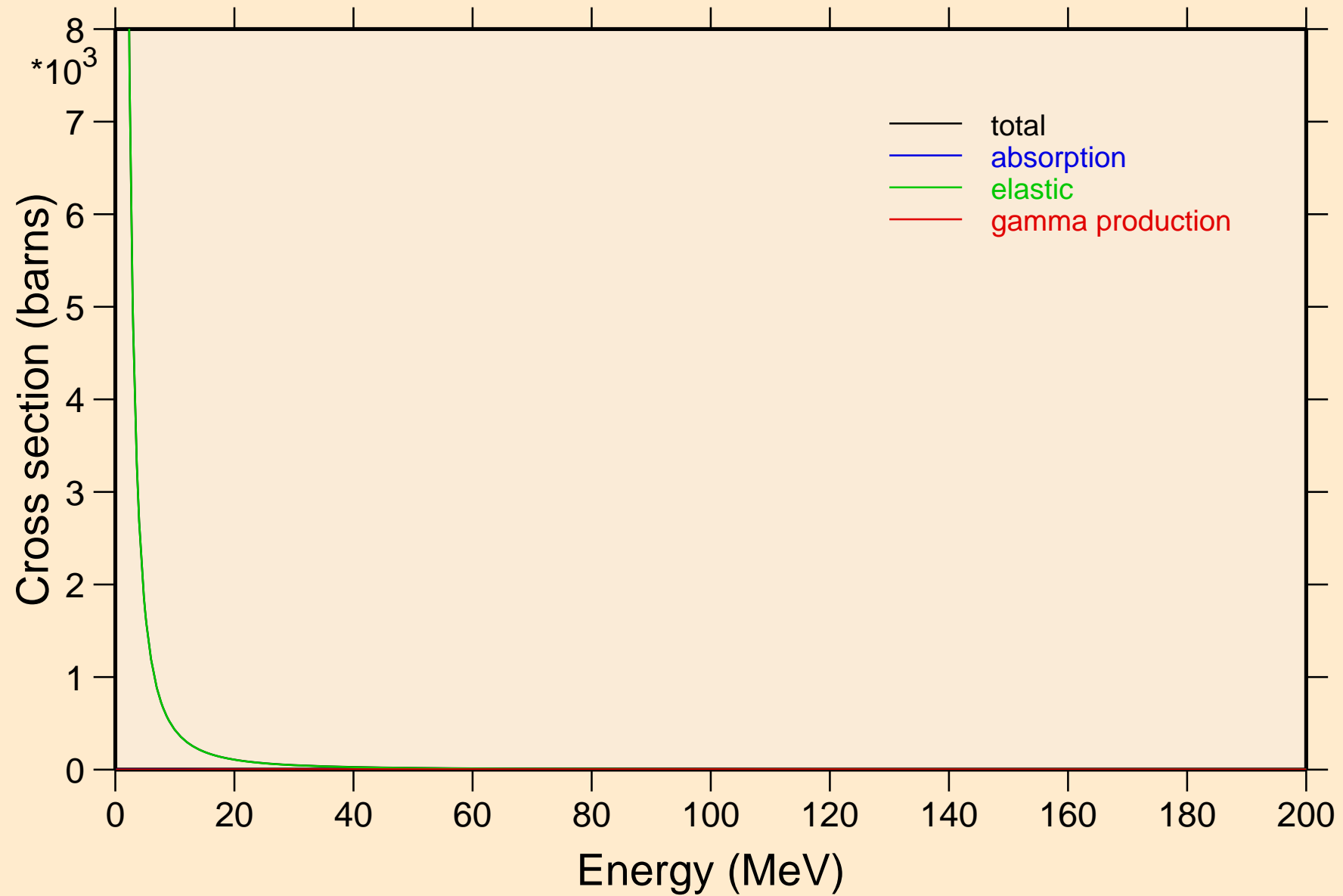
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



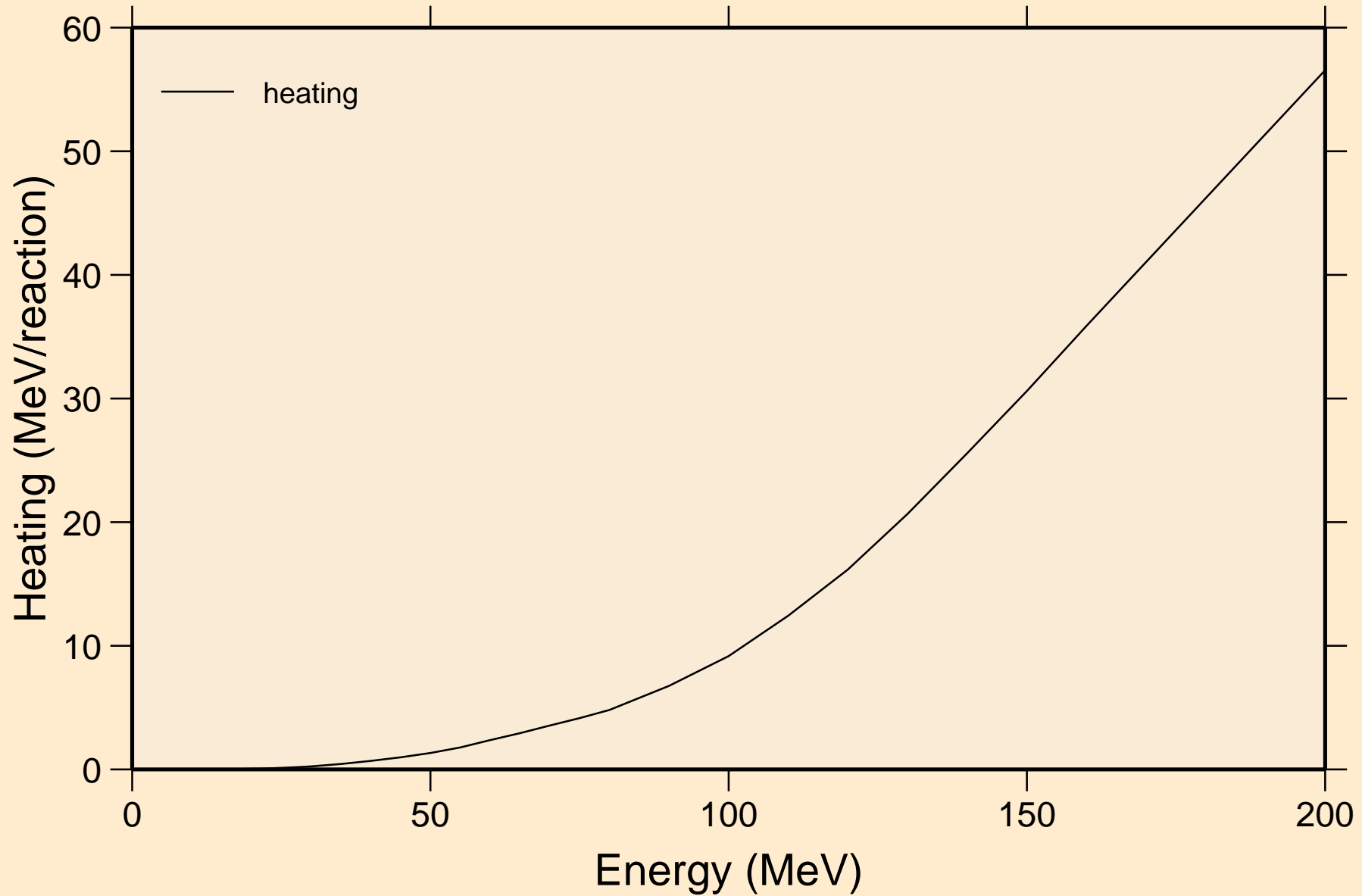
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections

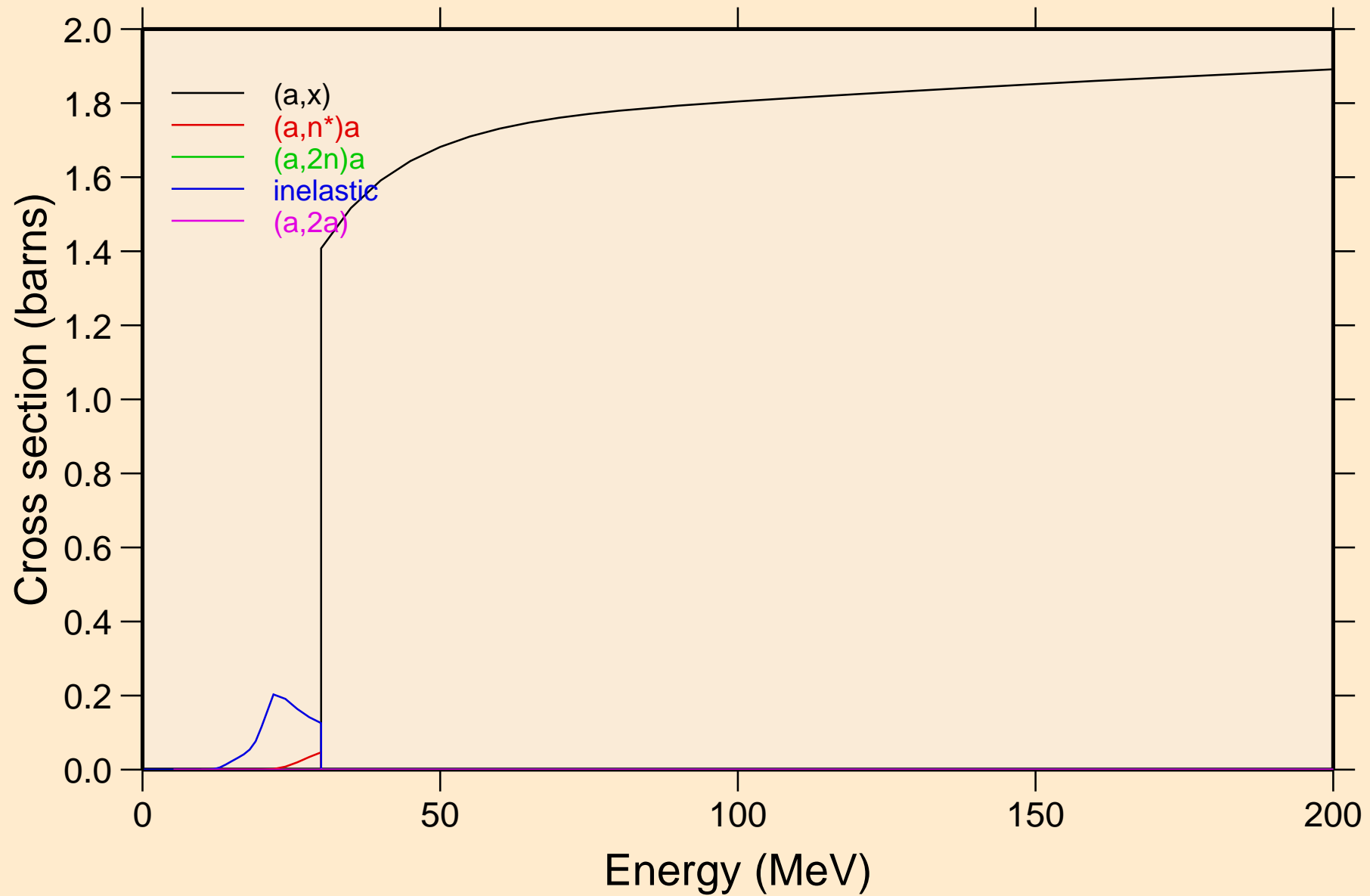


ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

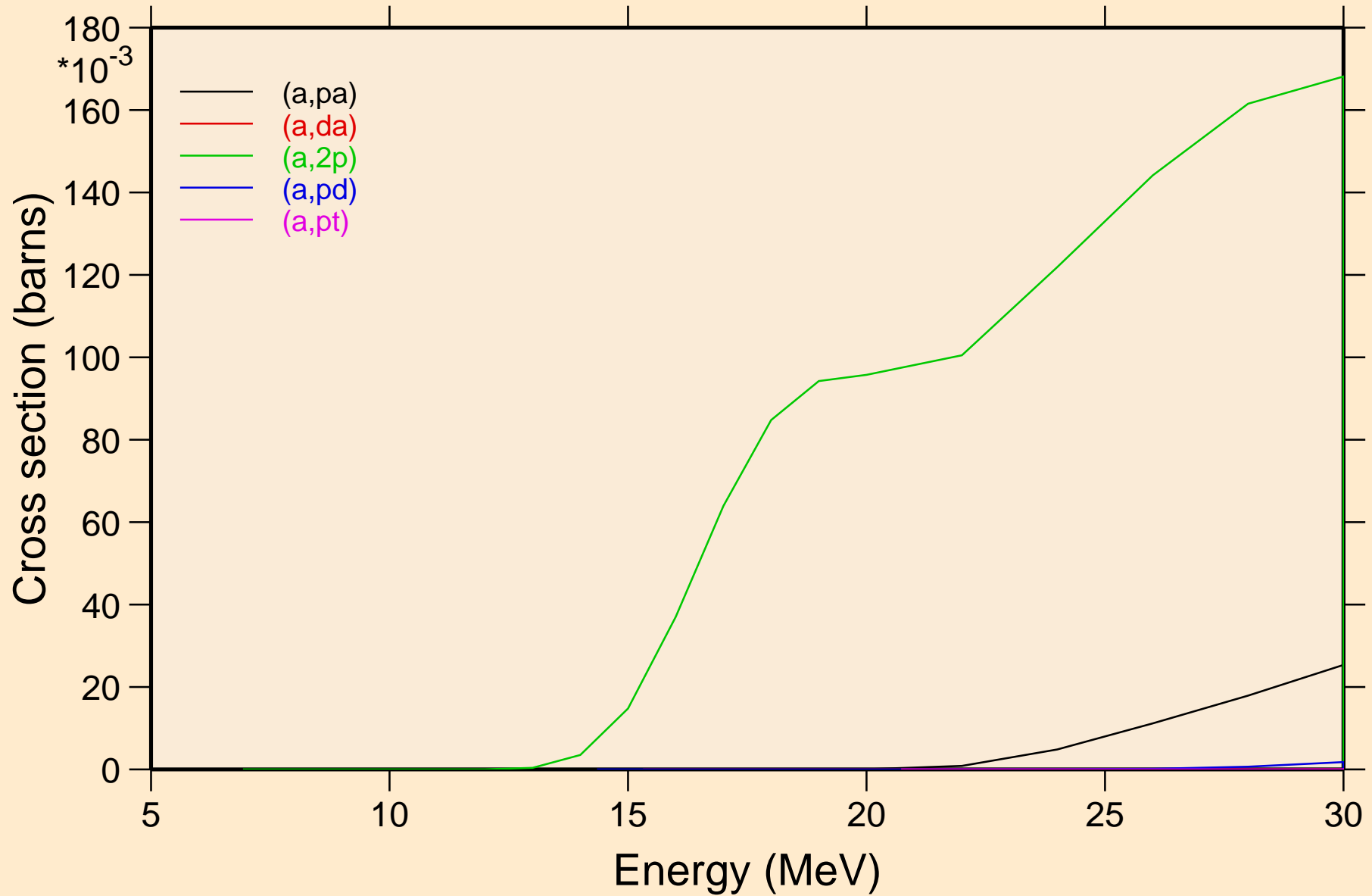
Heating



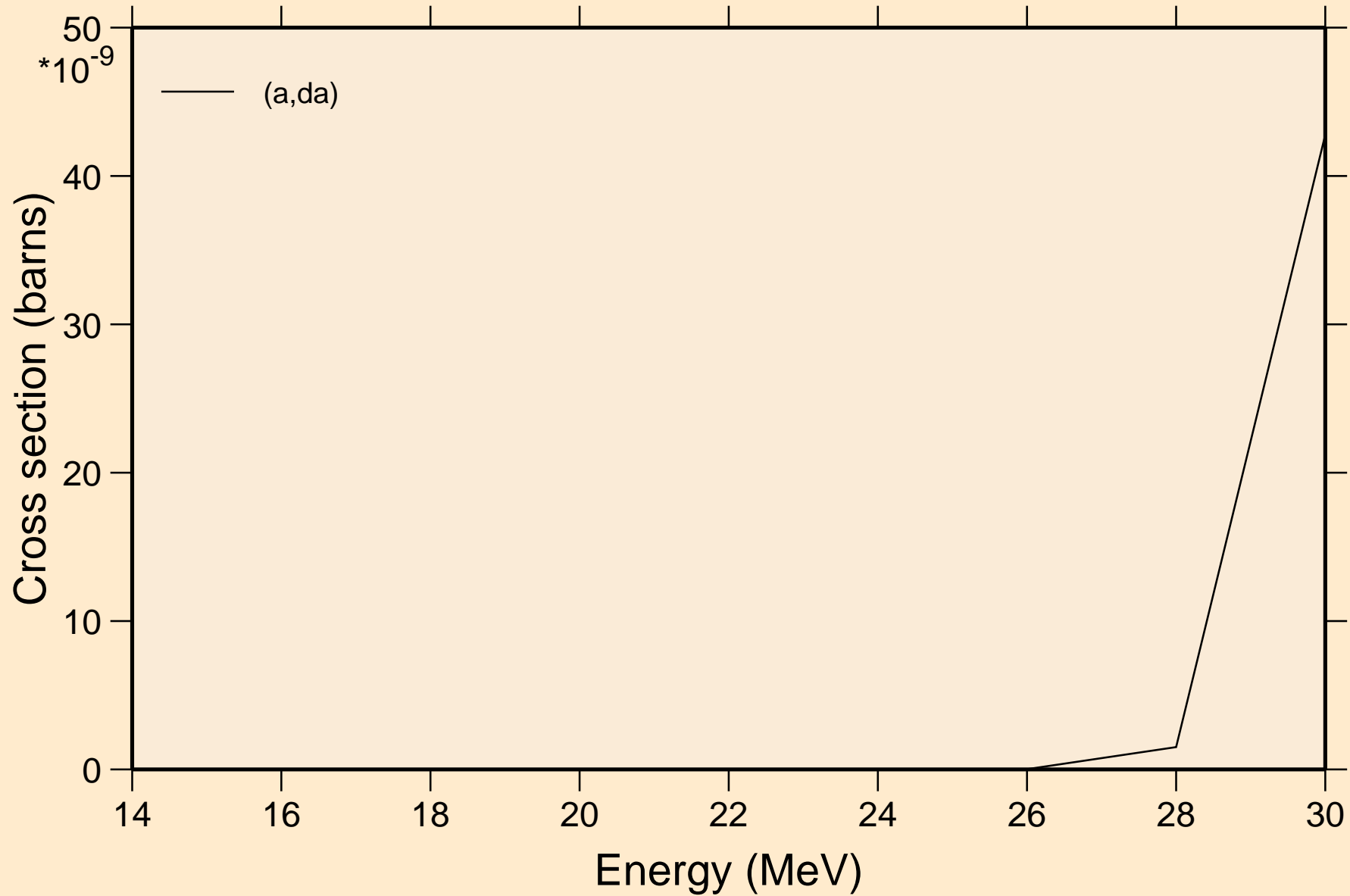
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions



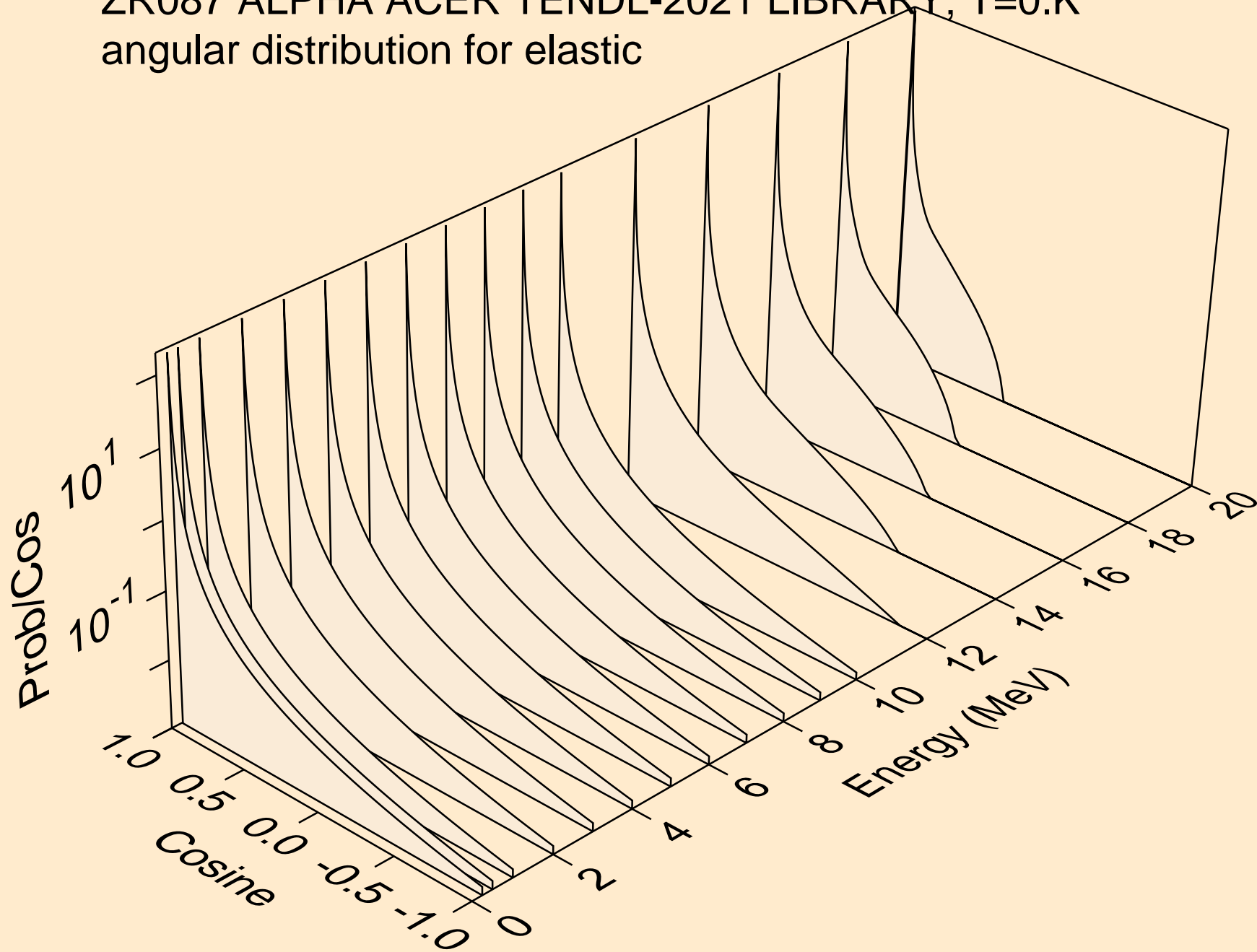
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions



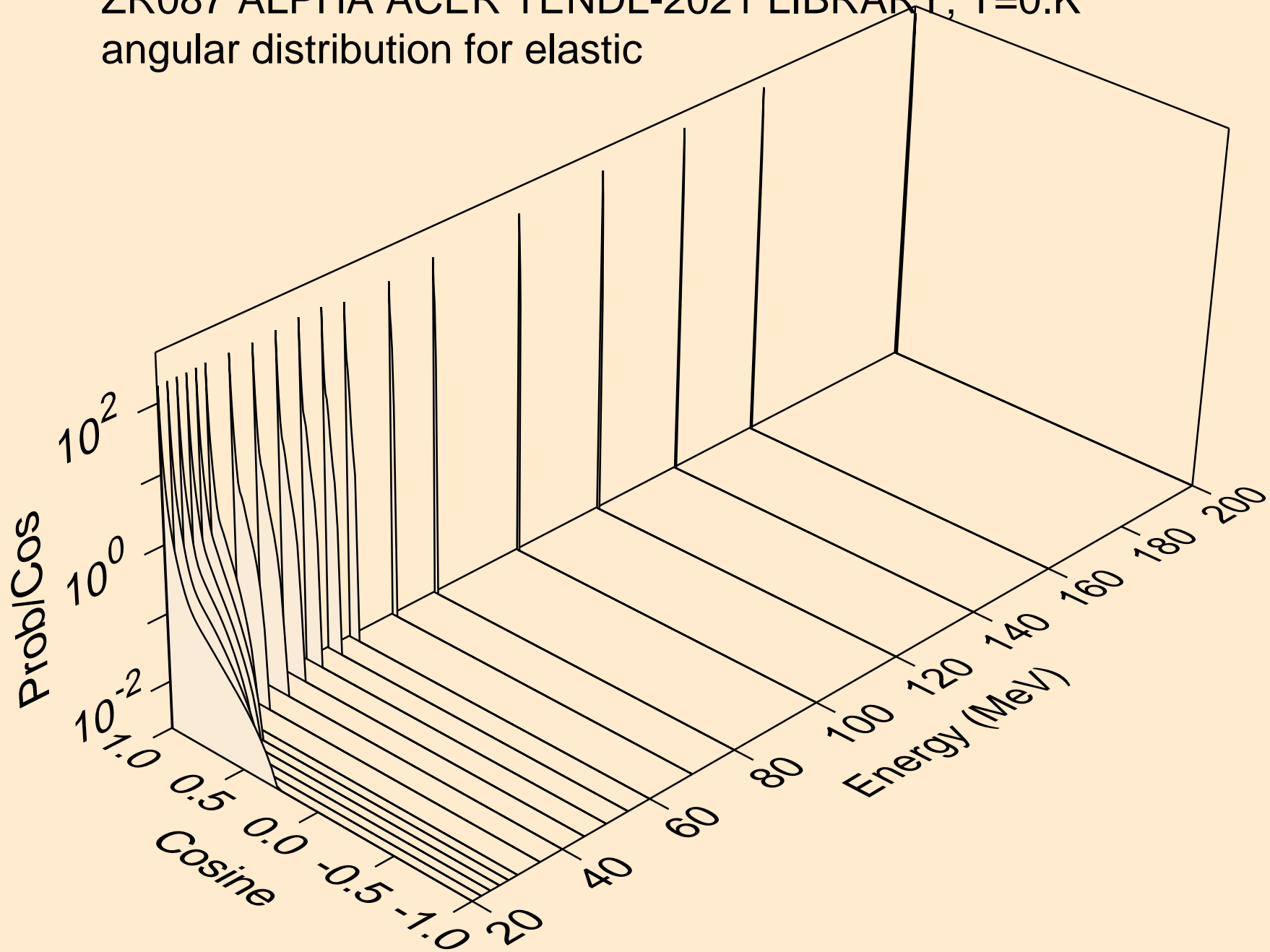
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions



ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic

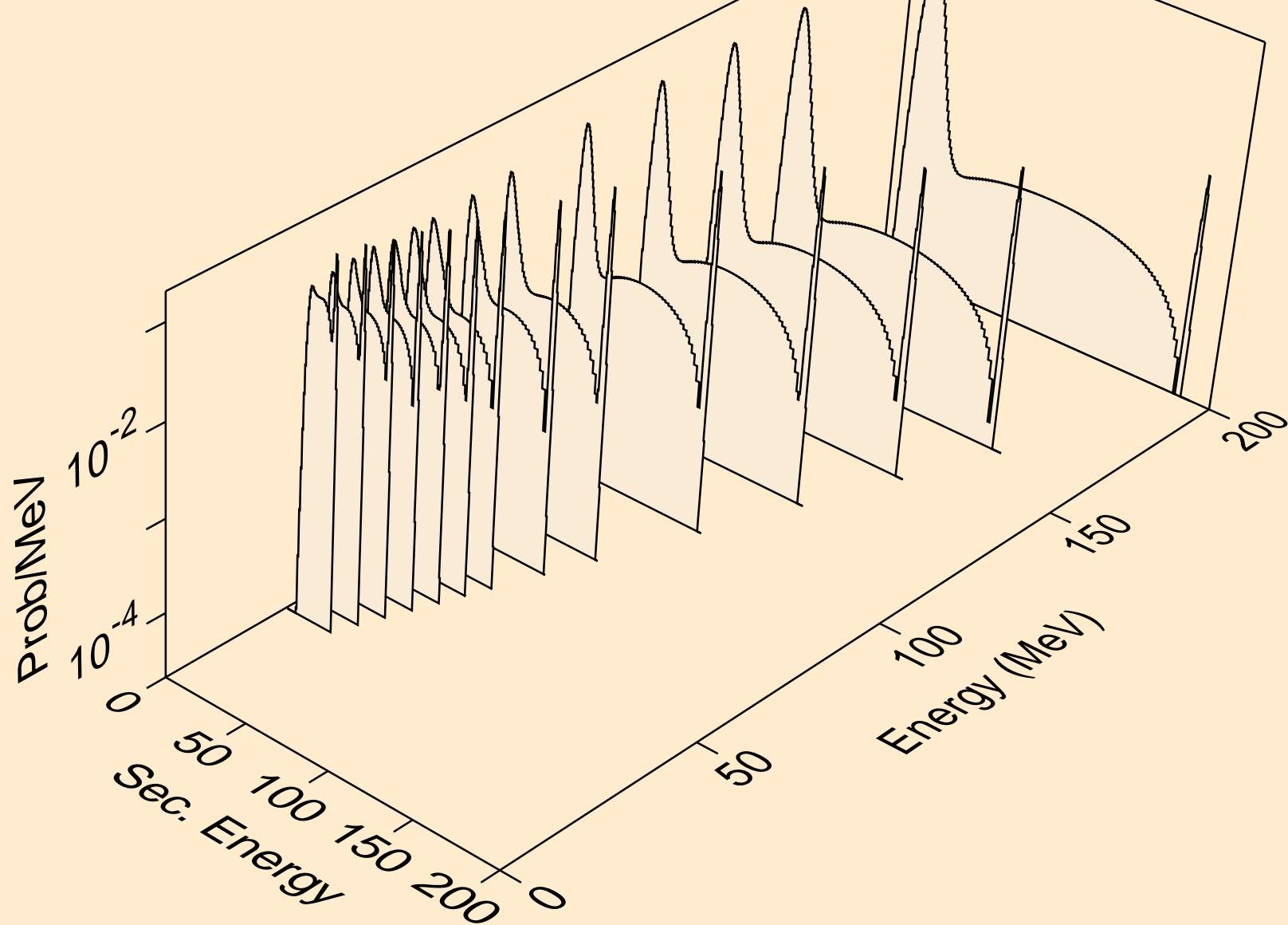


ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic

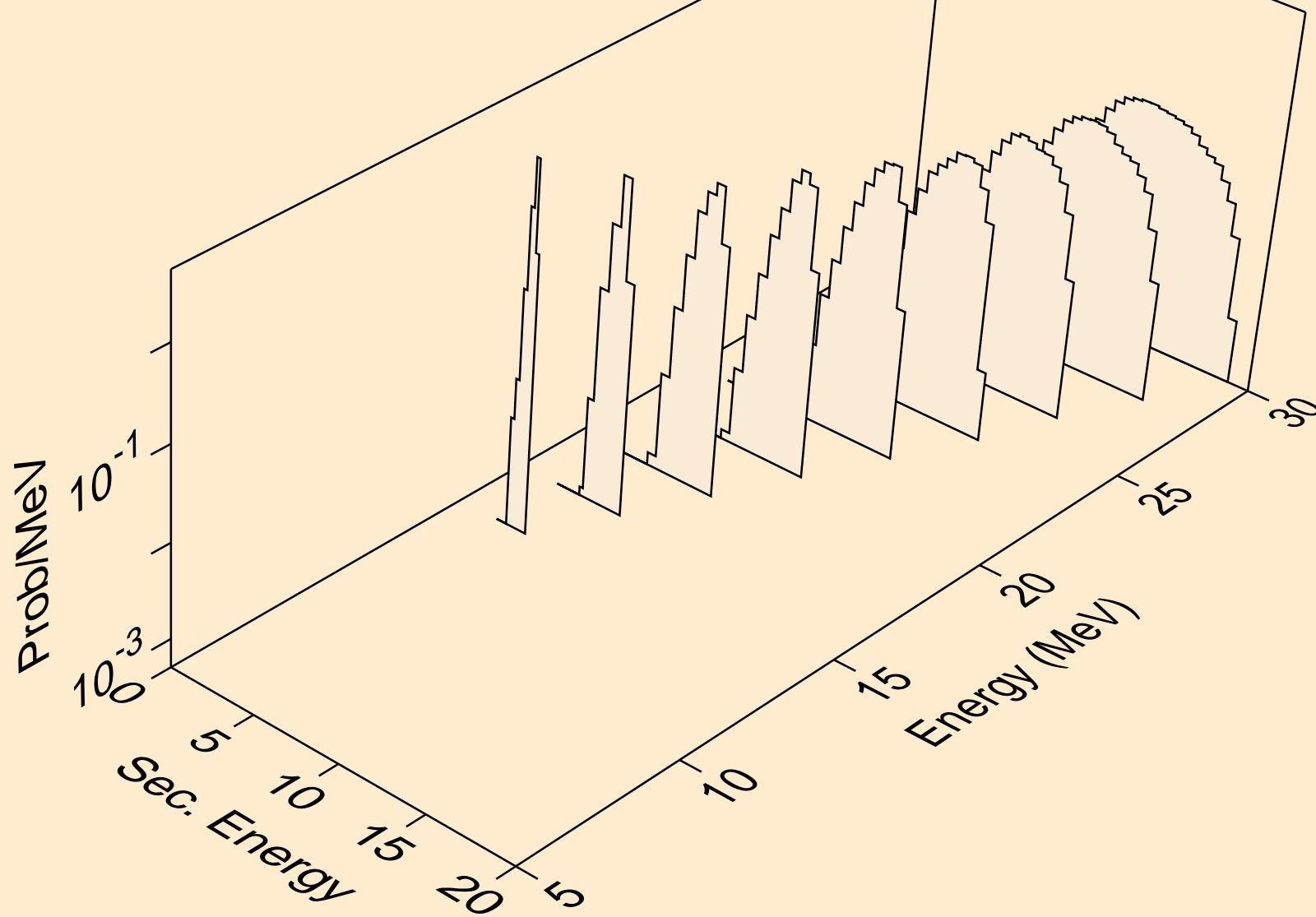


ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

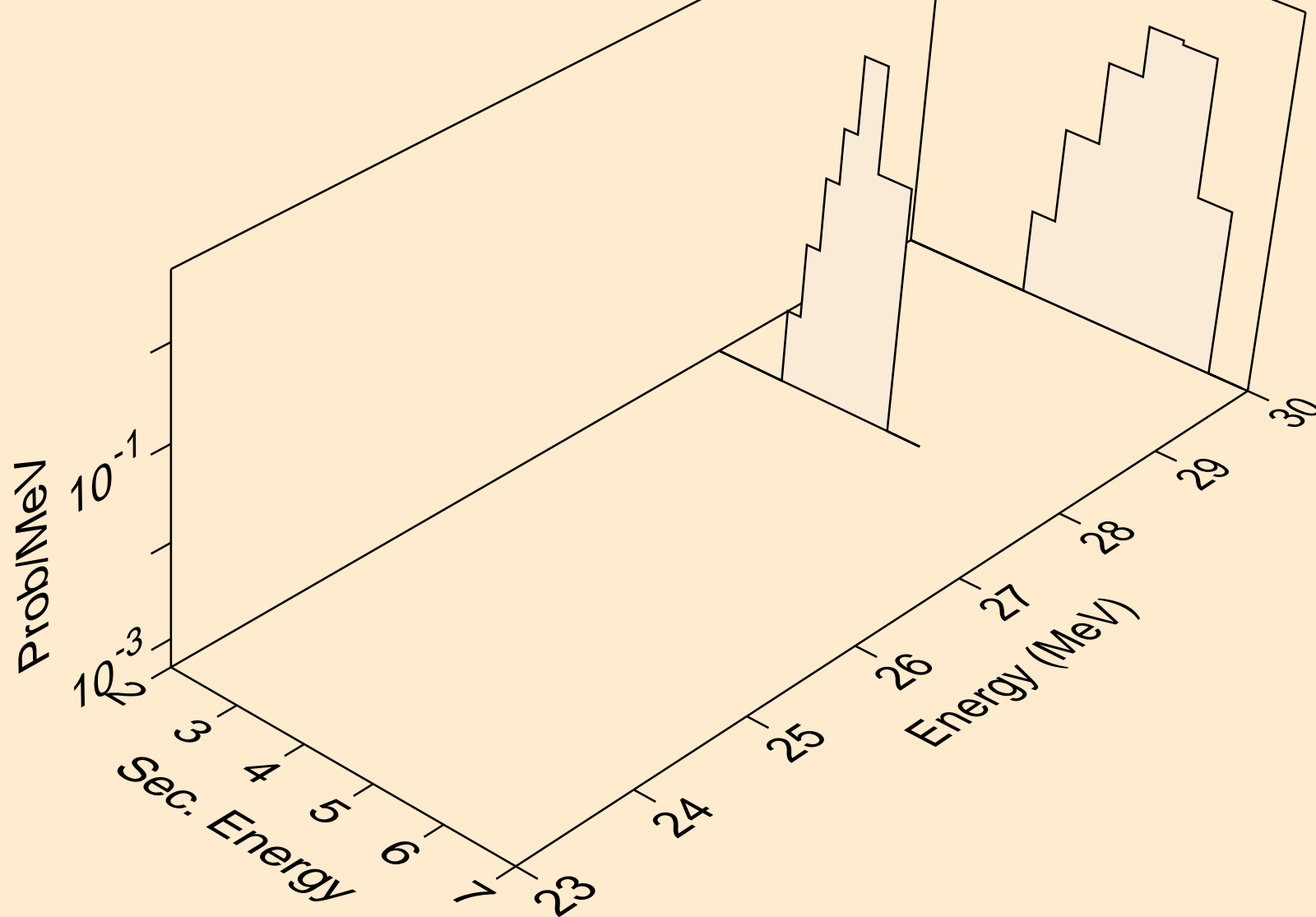
Alpha emission for (a,x)



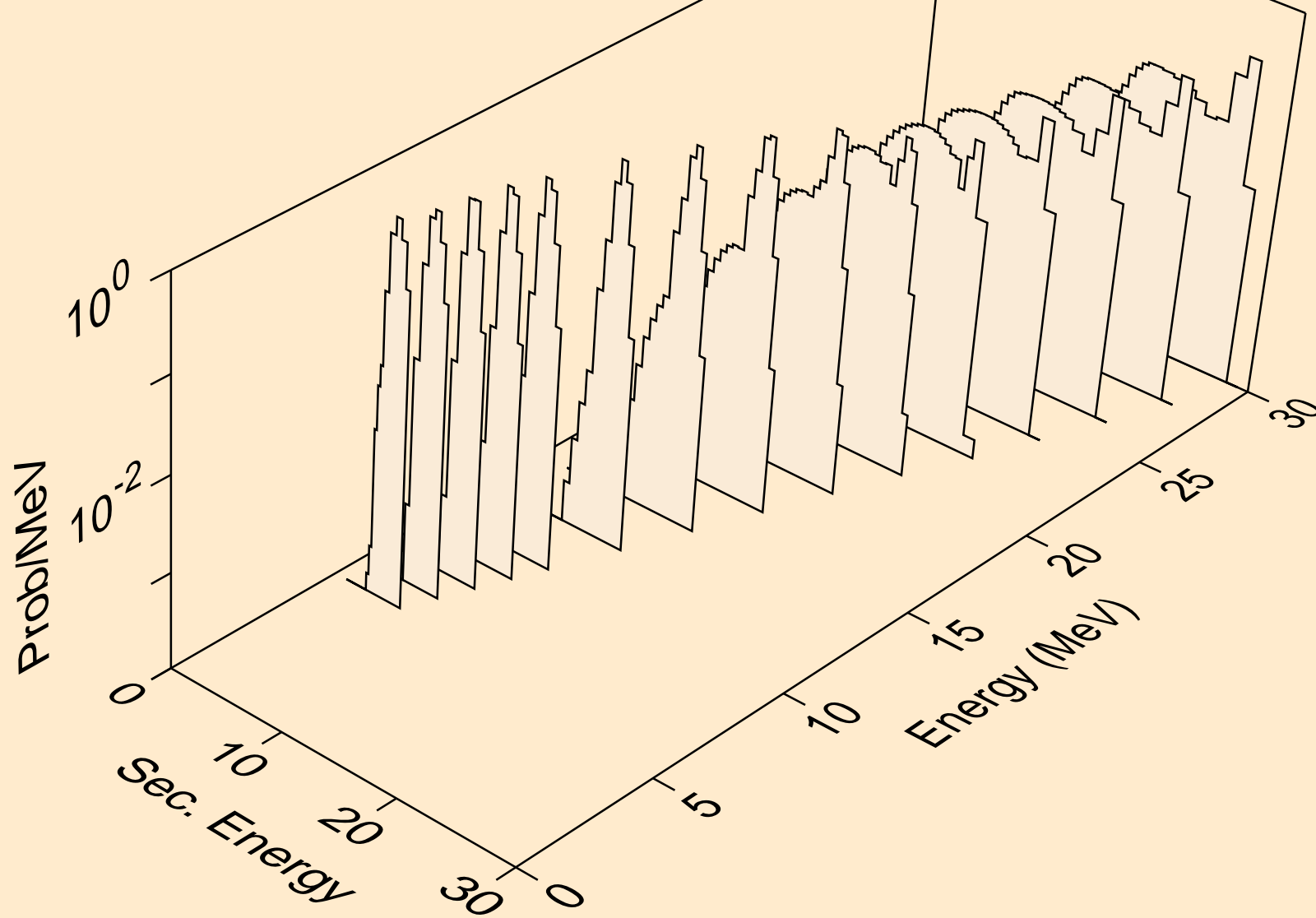
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,n*)a



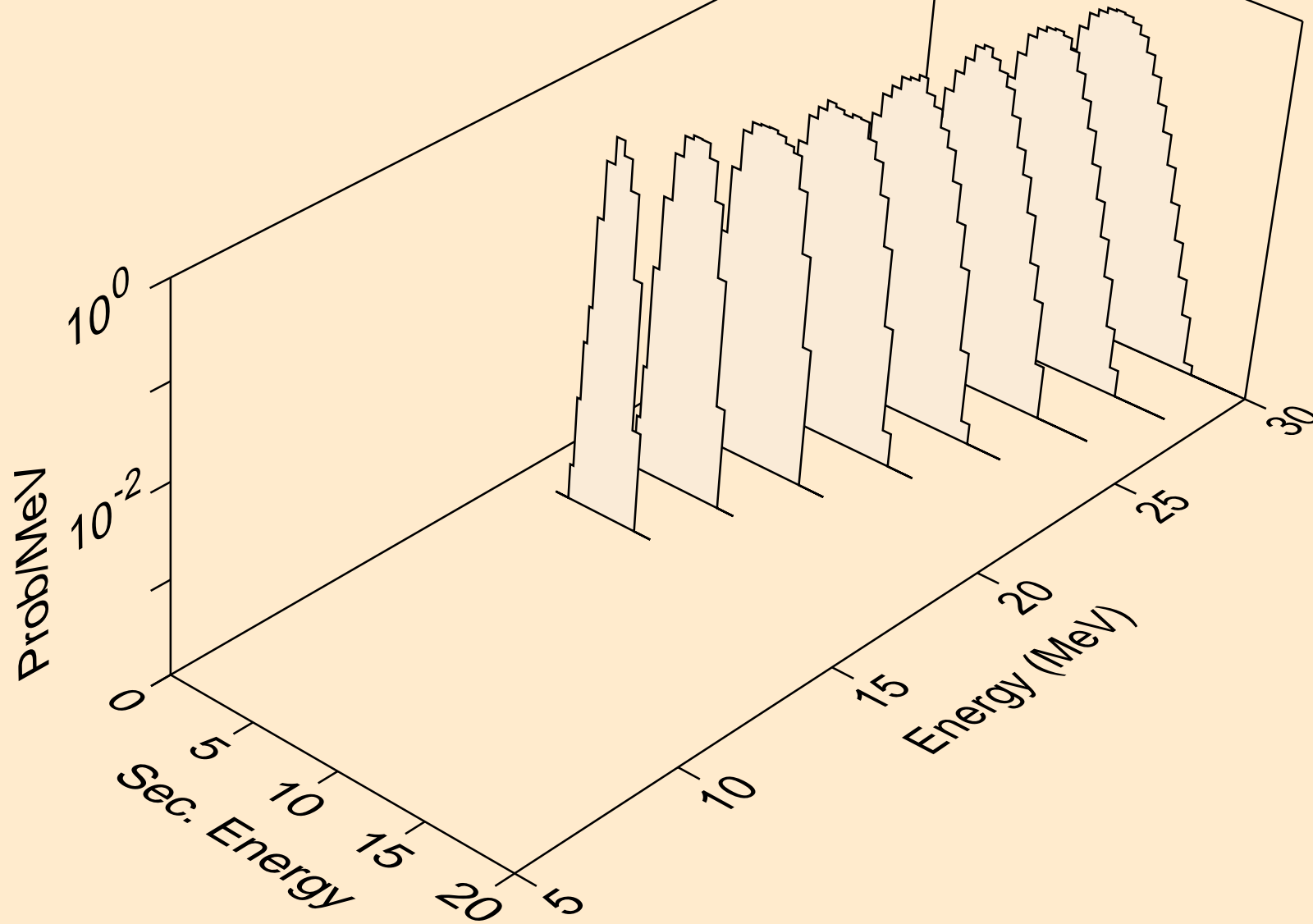
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,2n)a



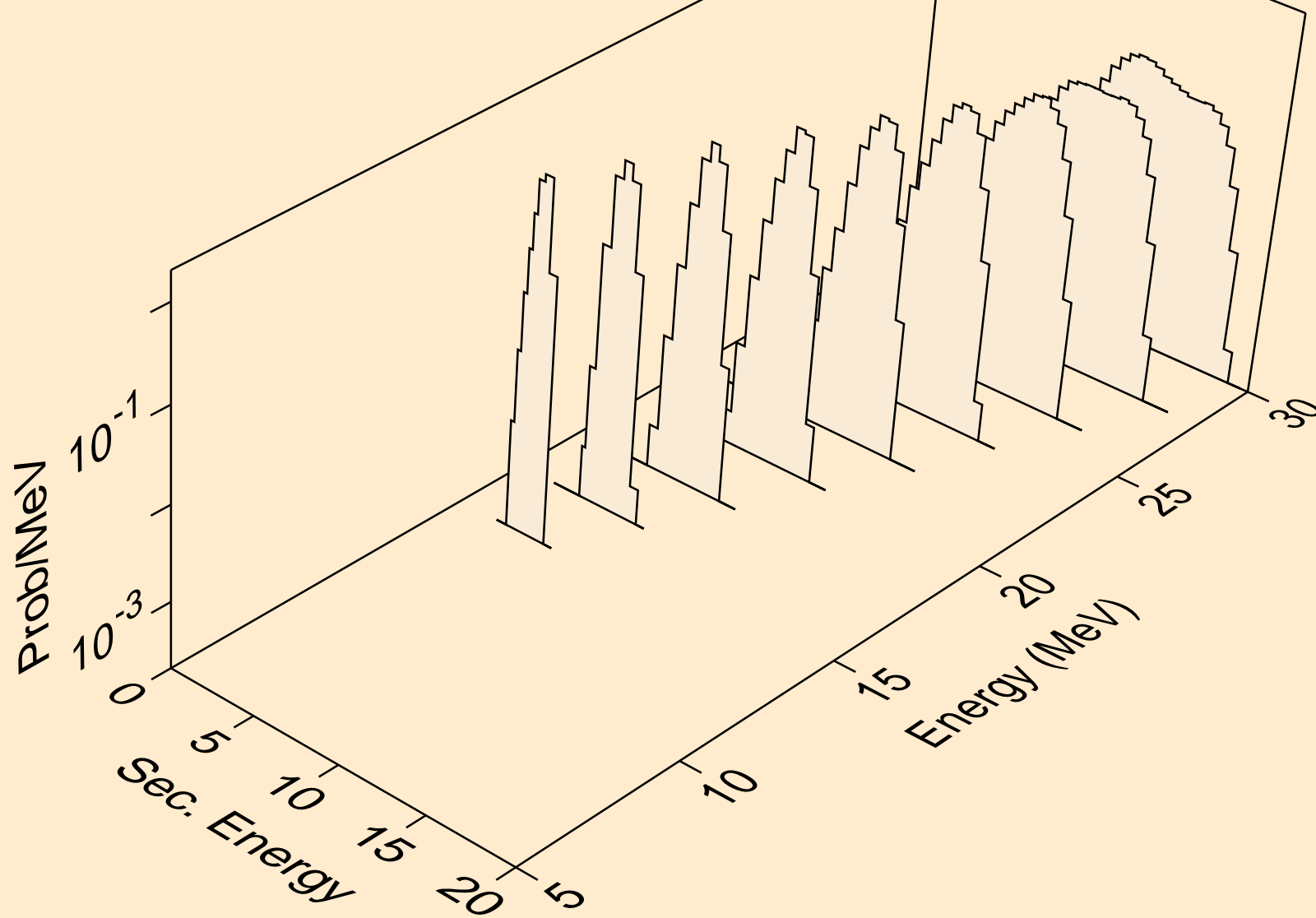
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for inelastic



ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,2a)

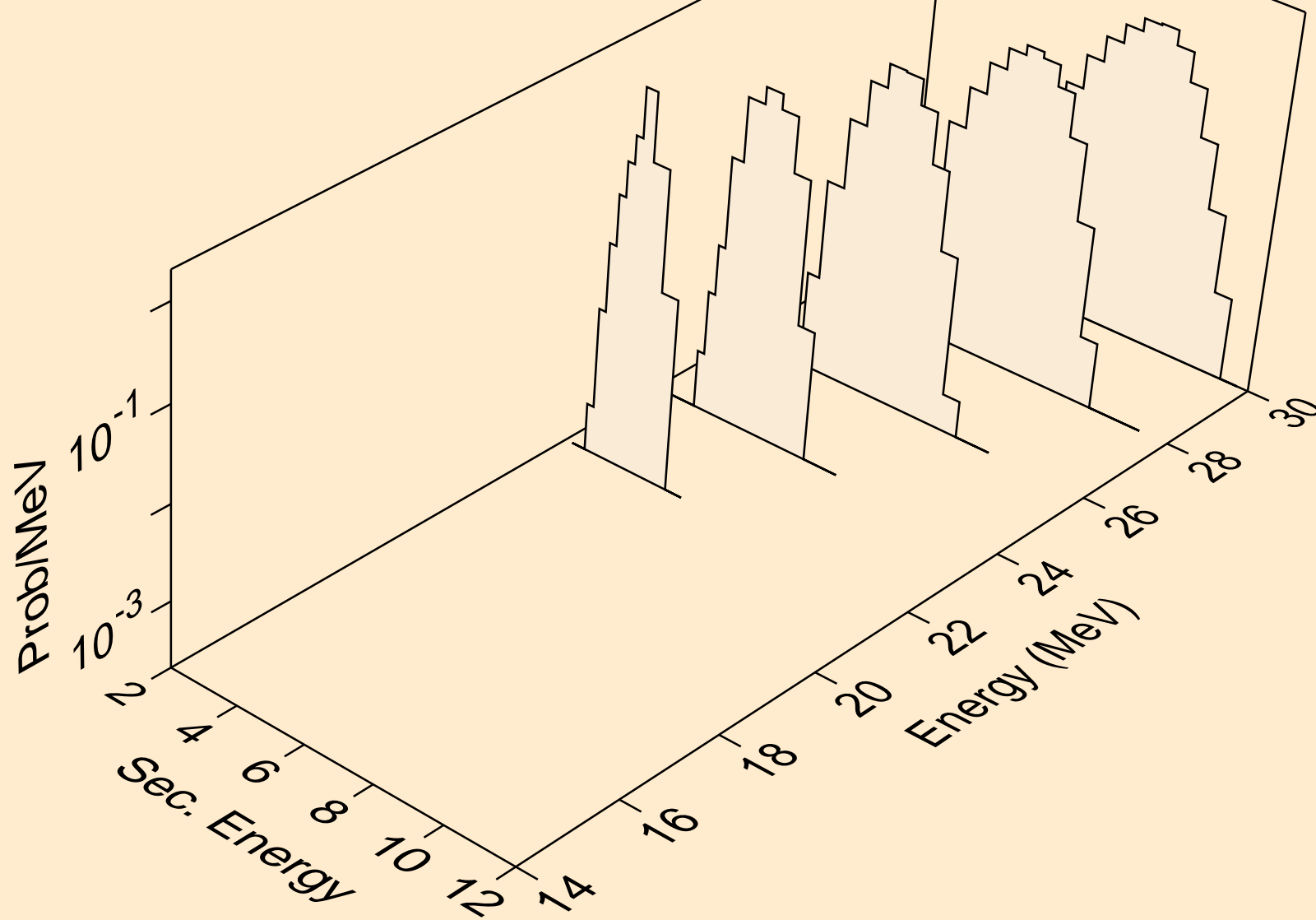


ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,pa)

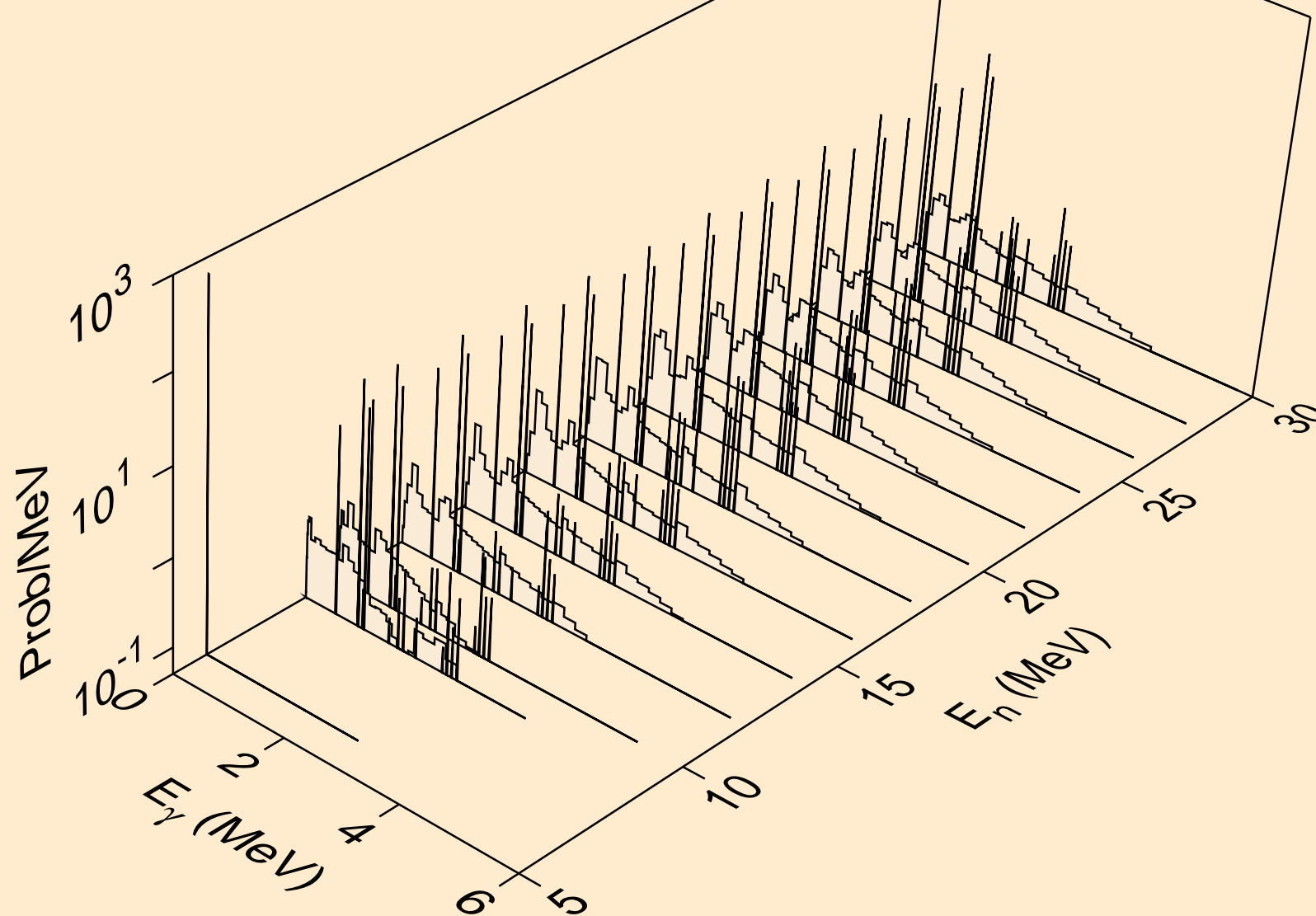


ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

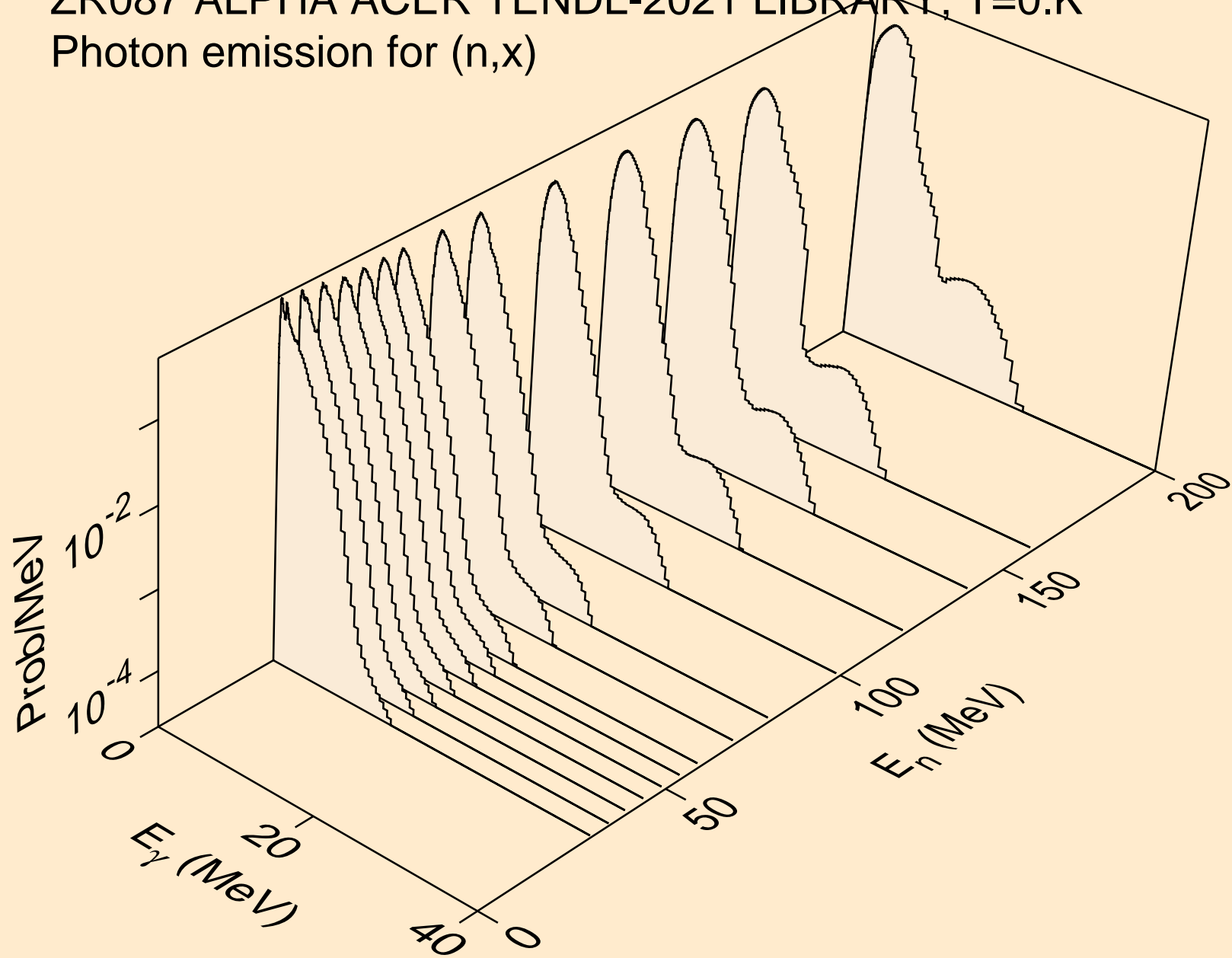
Alpha emission for (a,da)



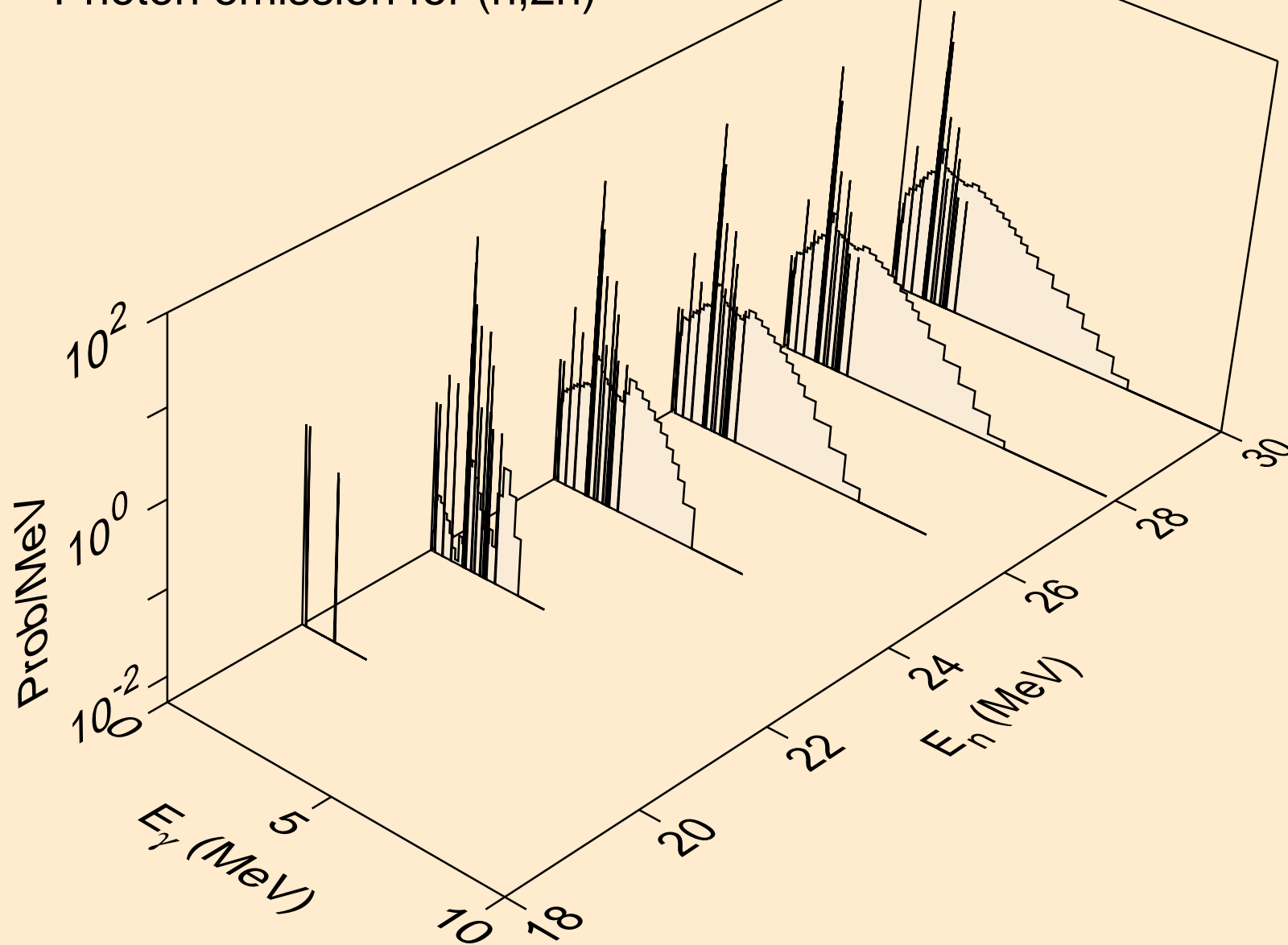
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (z,n)



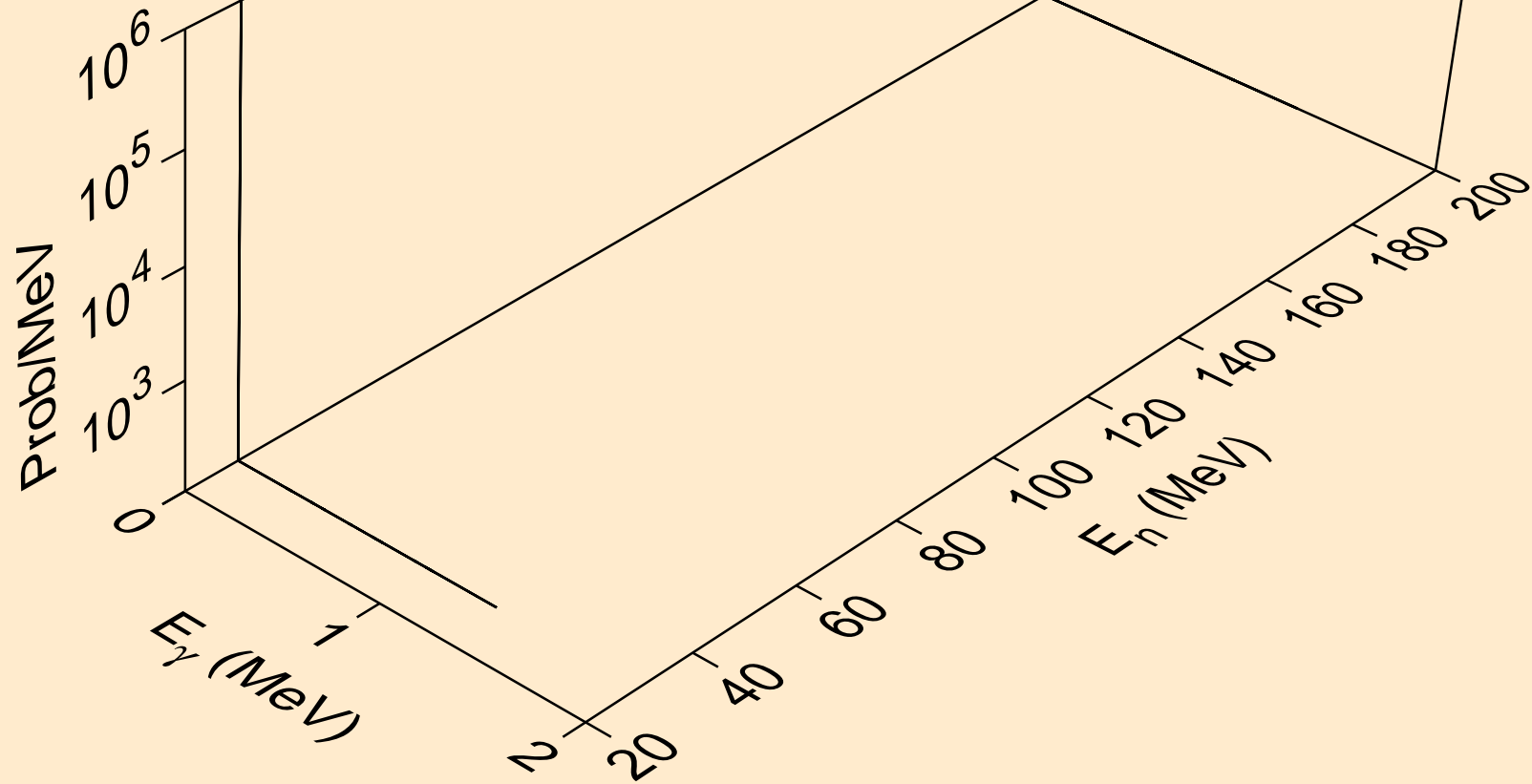
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,x)



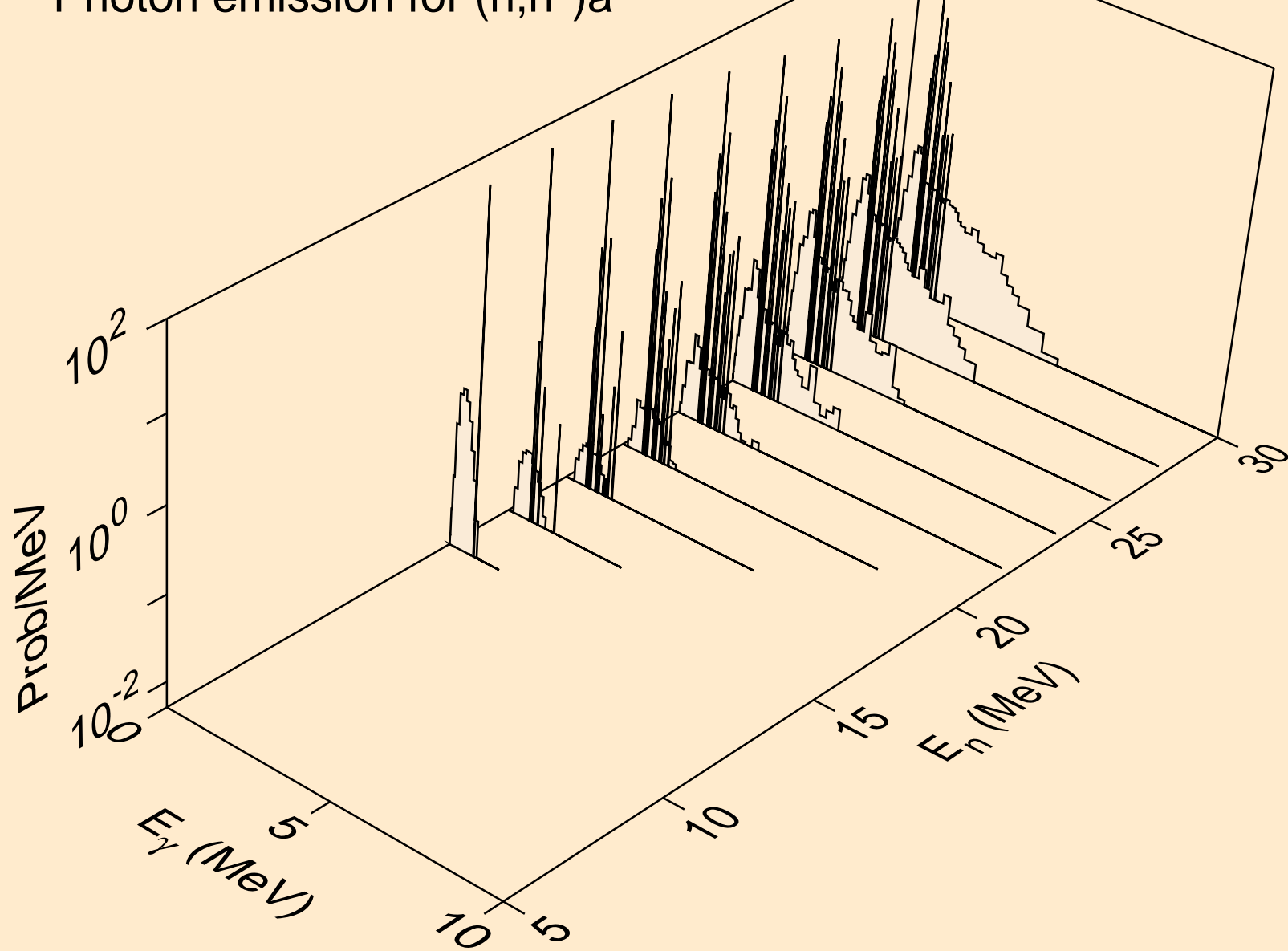
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)



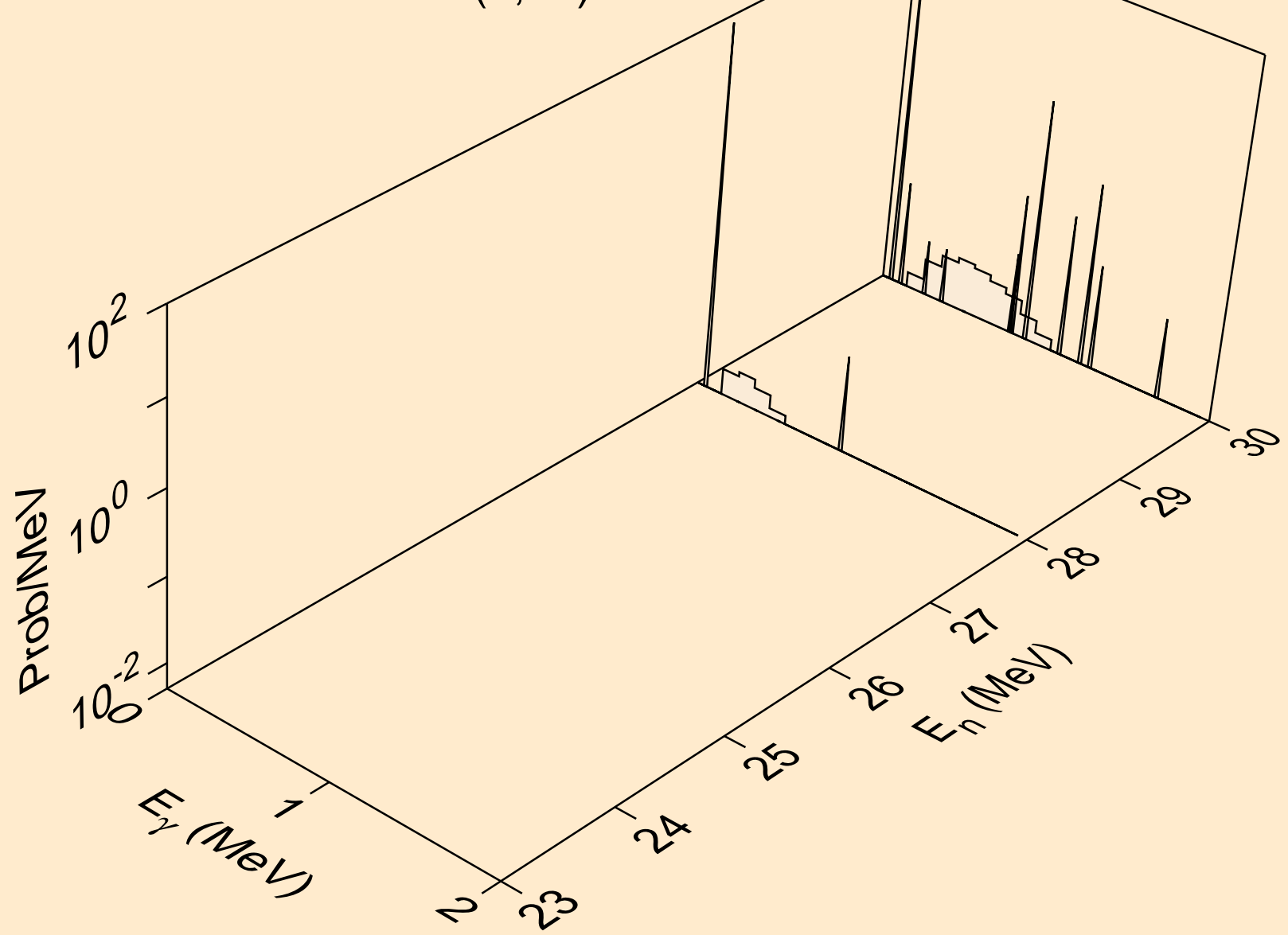
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3n)



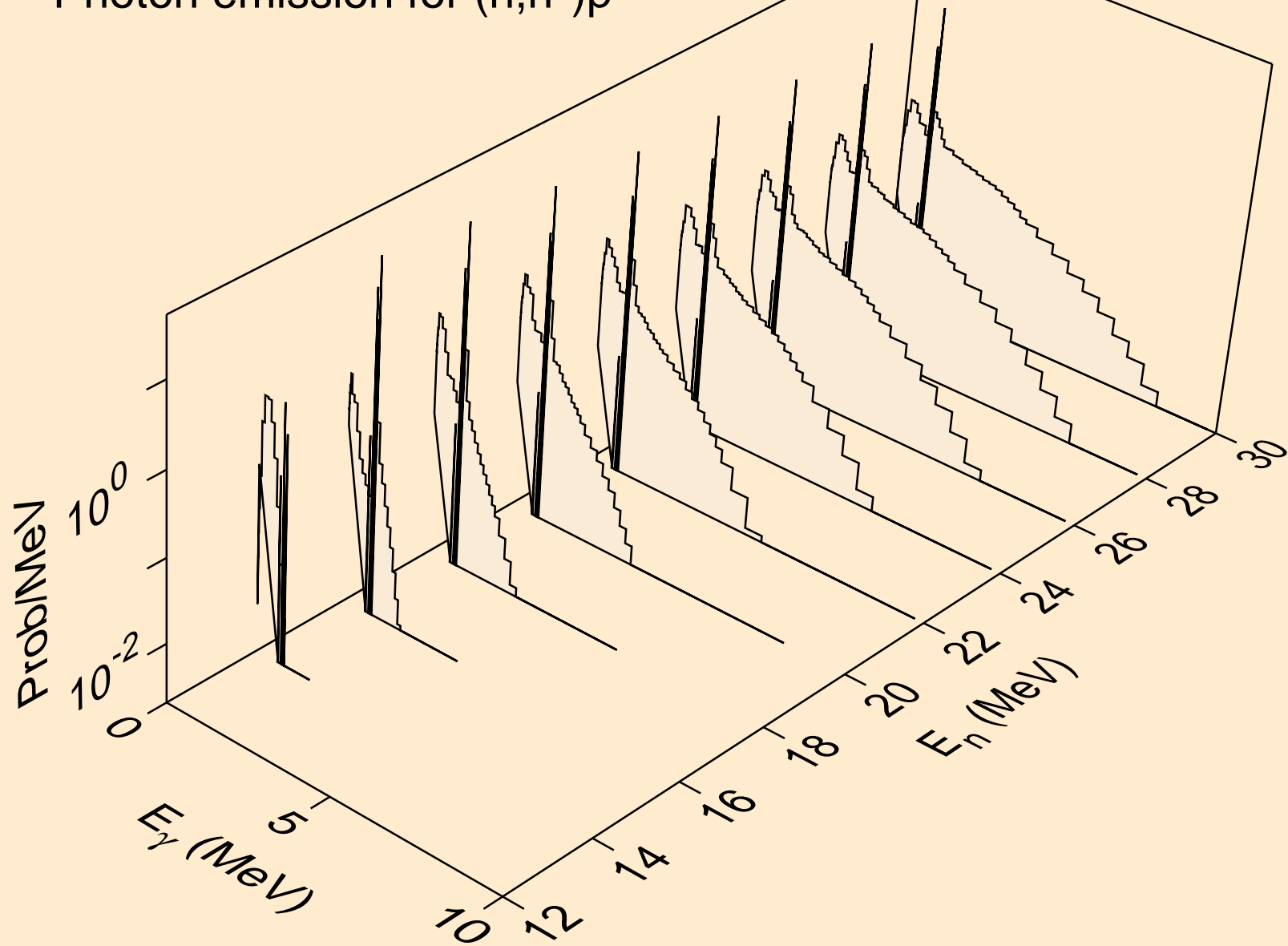
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)a



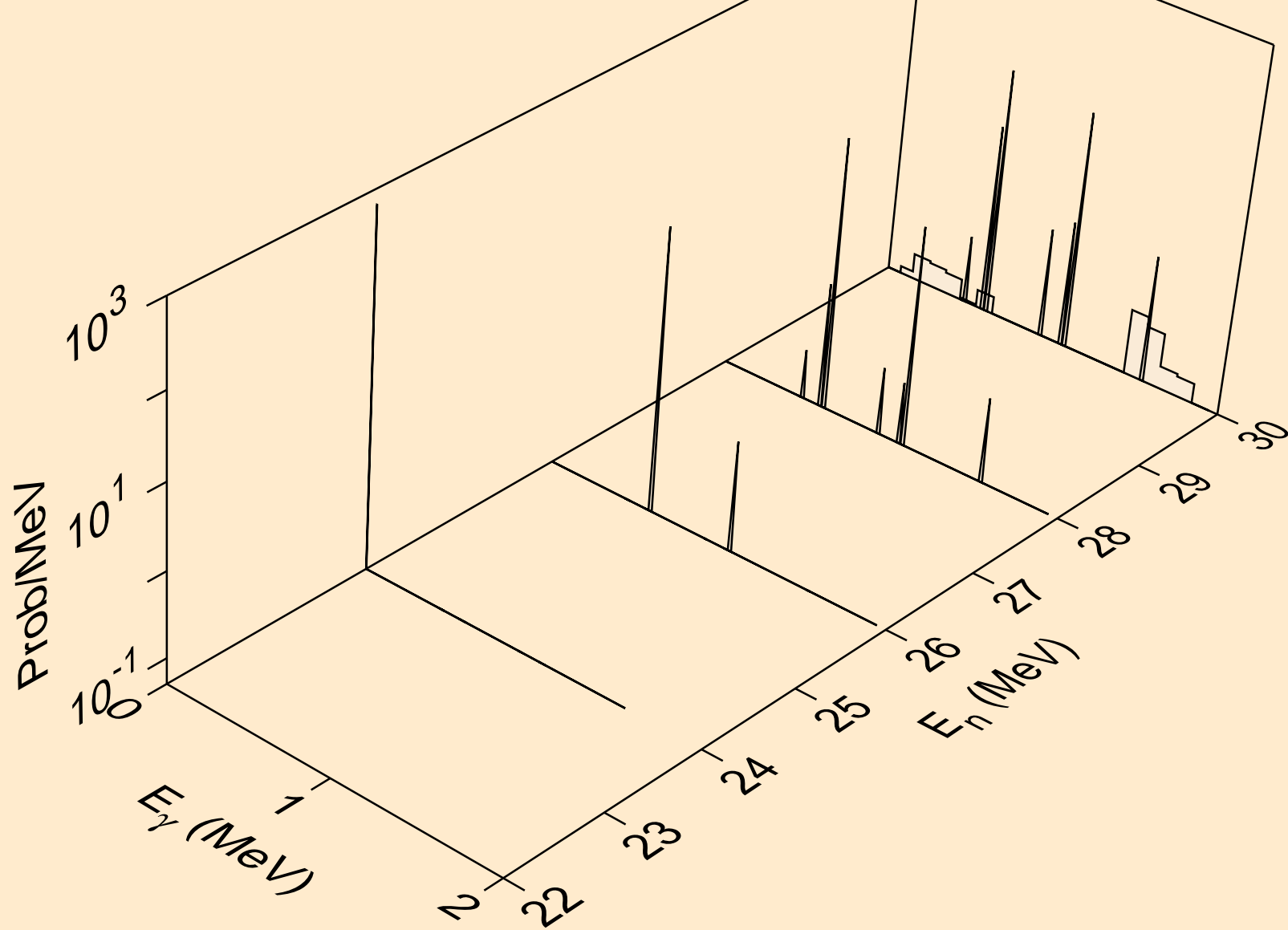
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)a



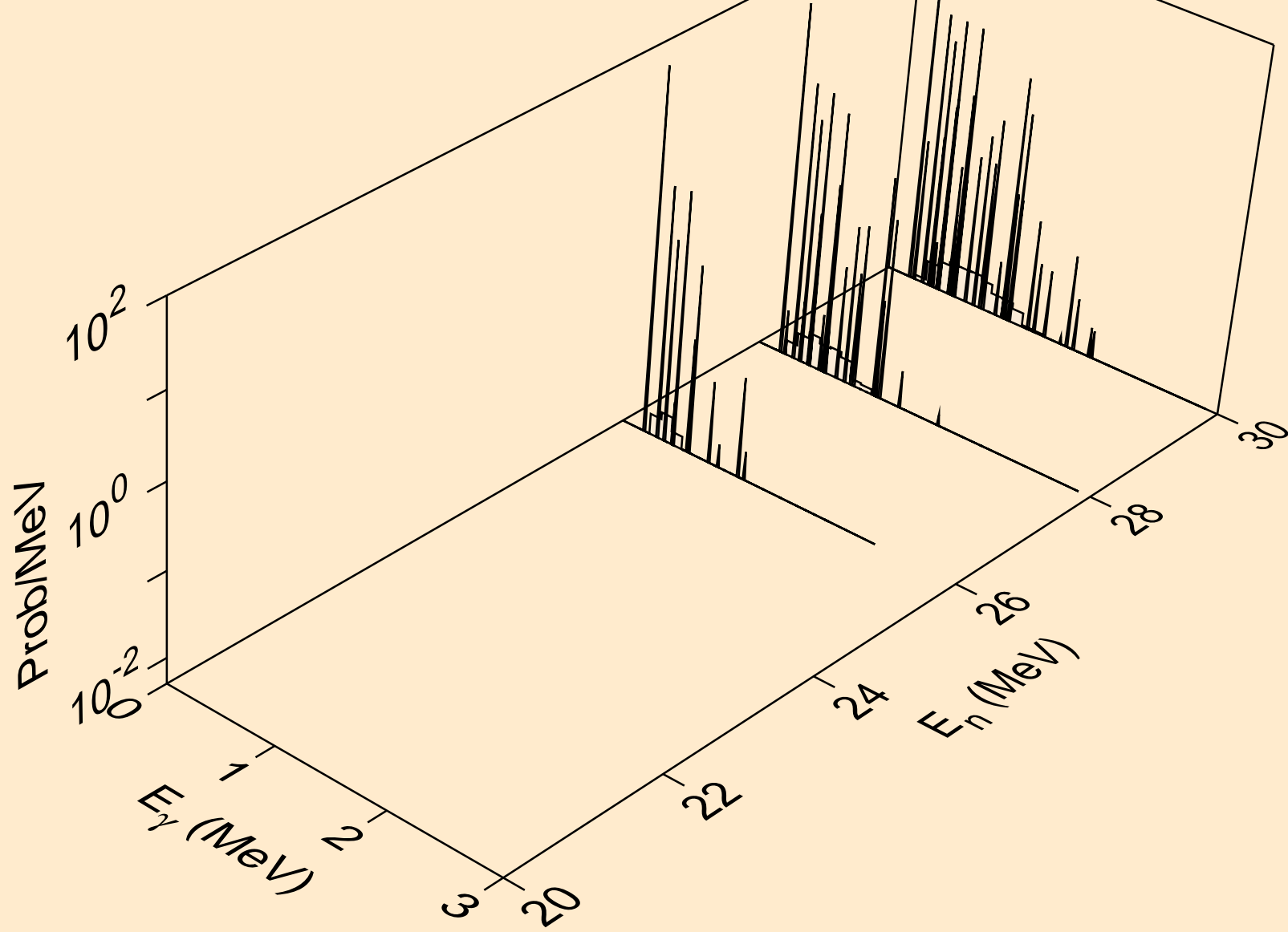
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)p



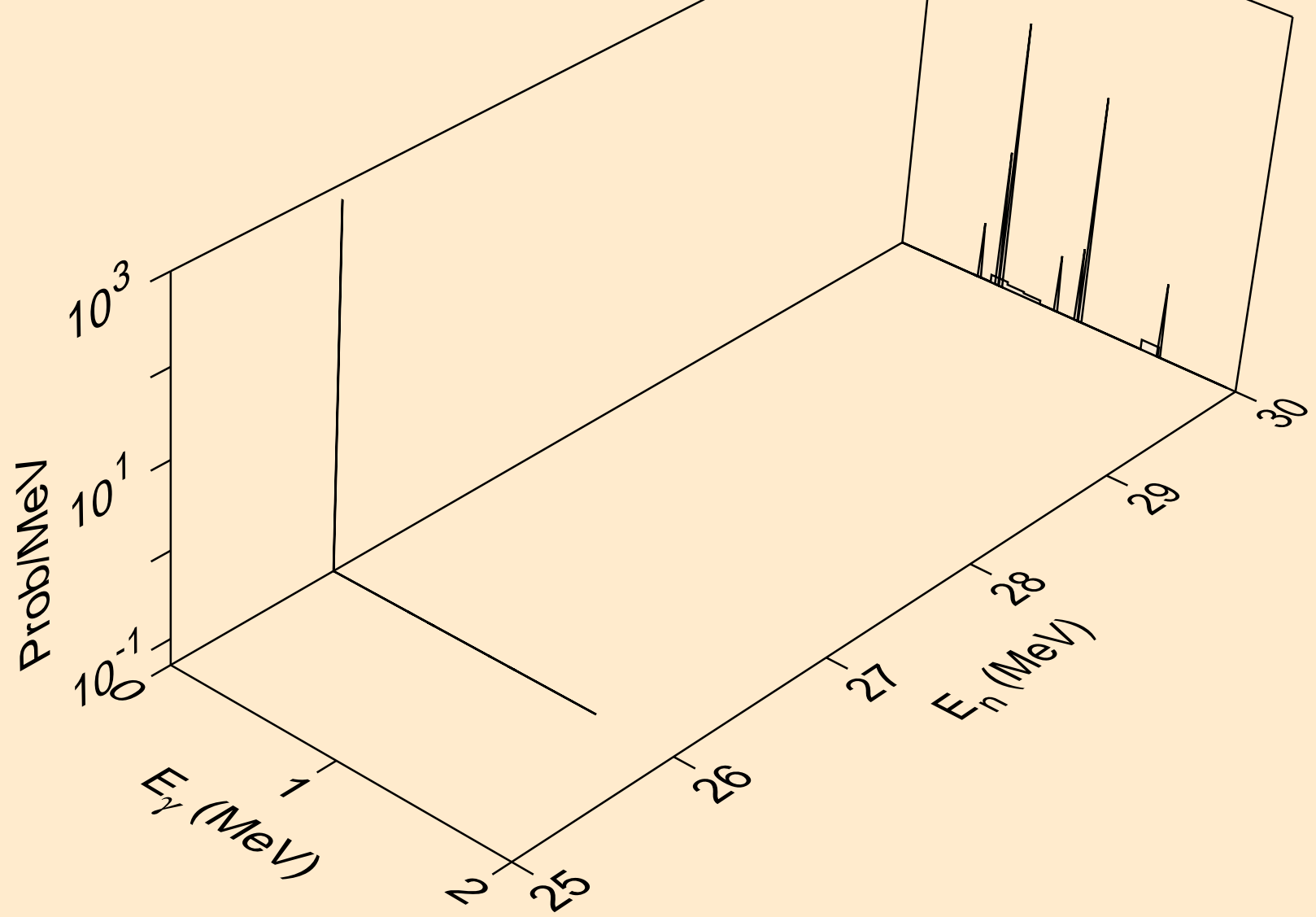
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)d



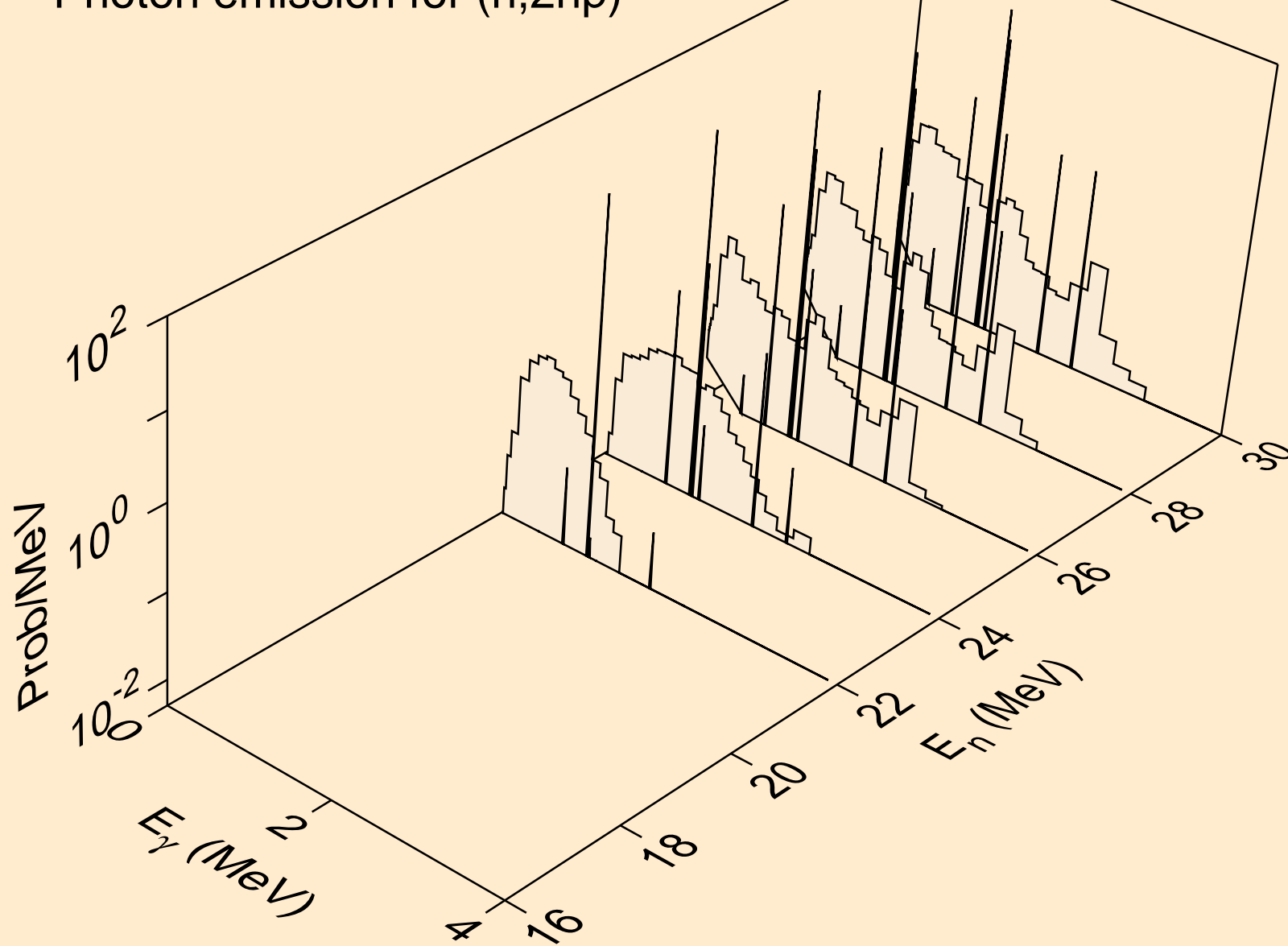
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)he3



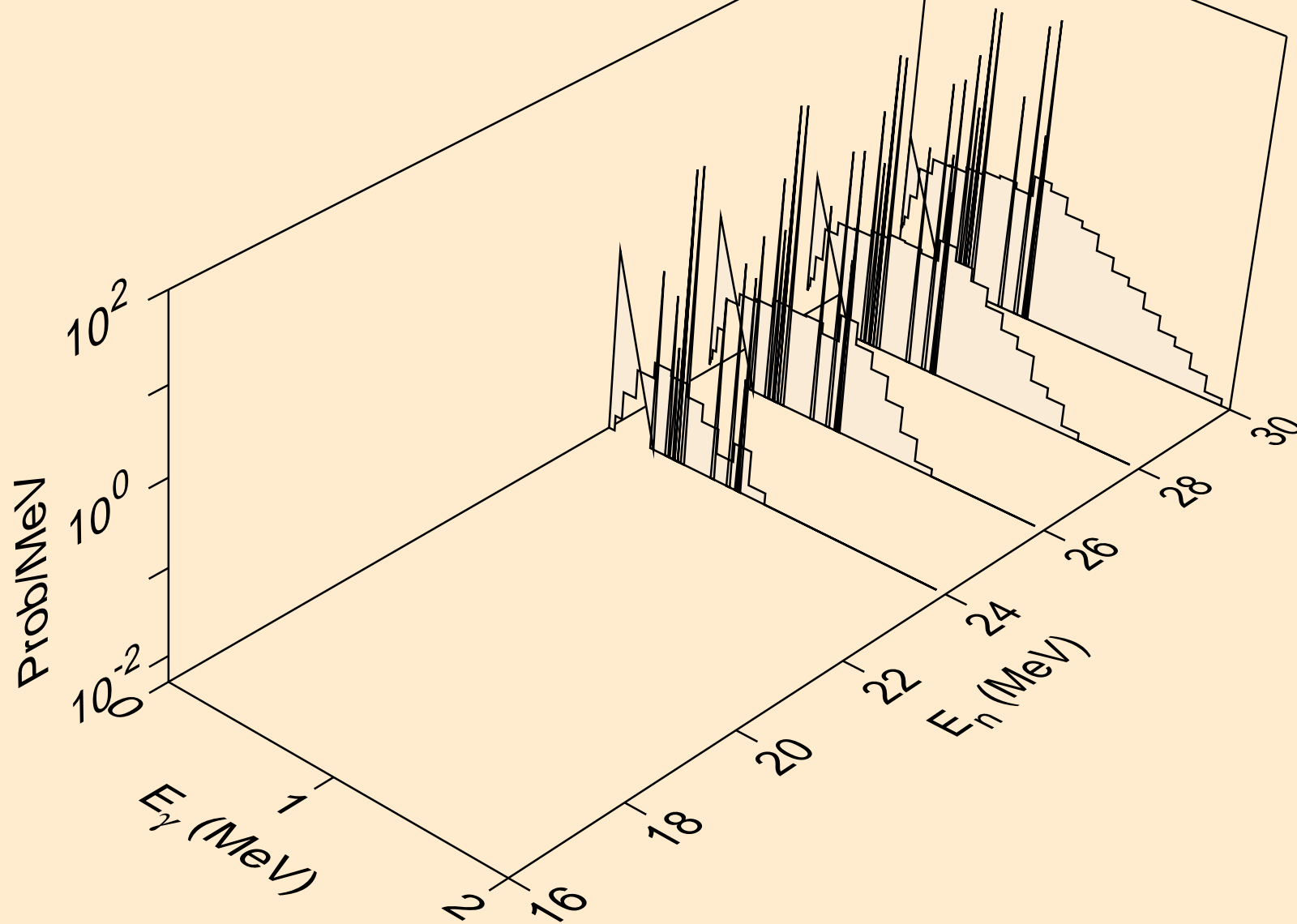
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2np)



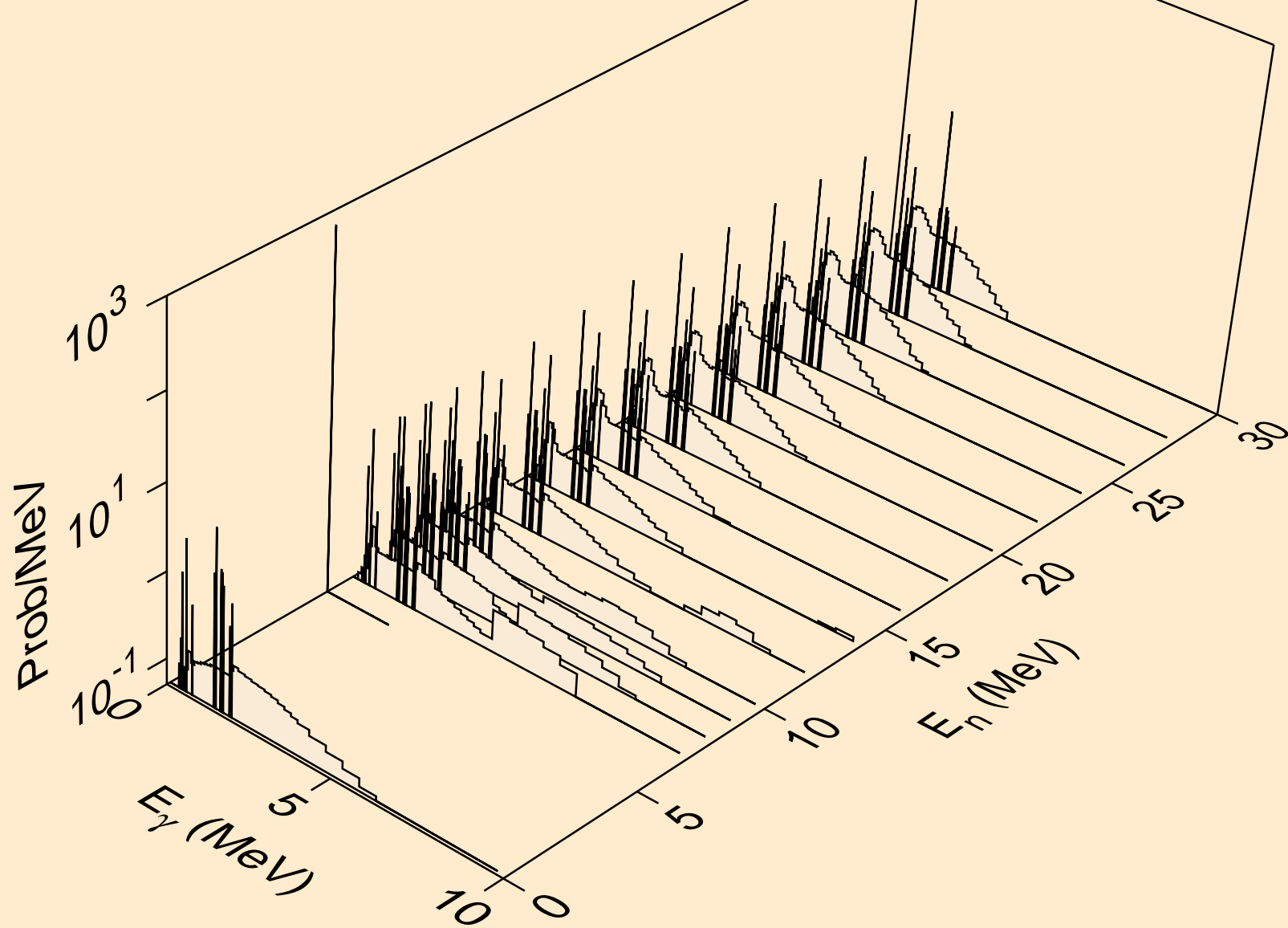
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2np)



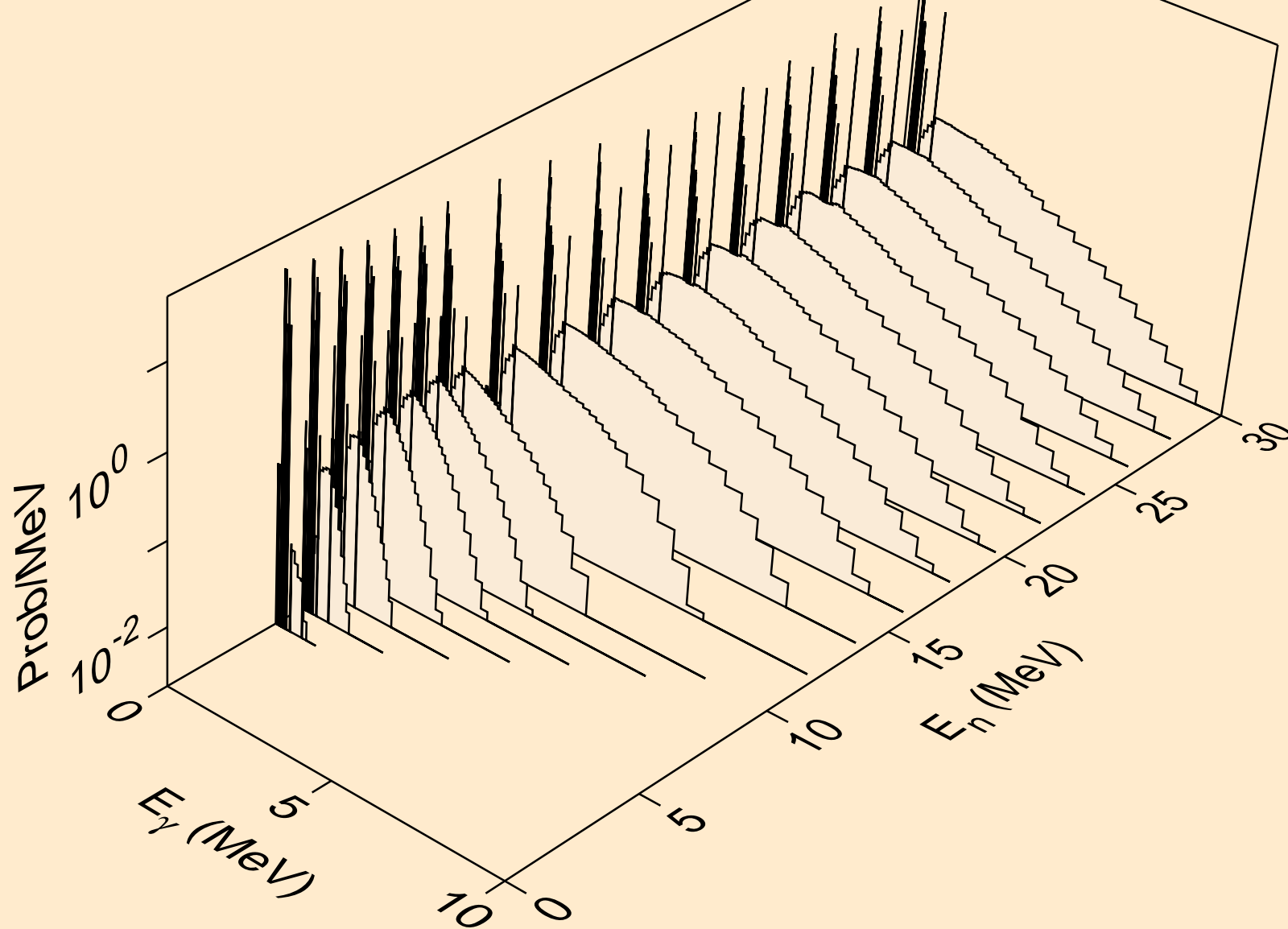
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,npa)



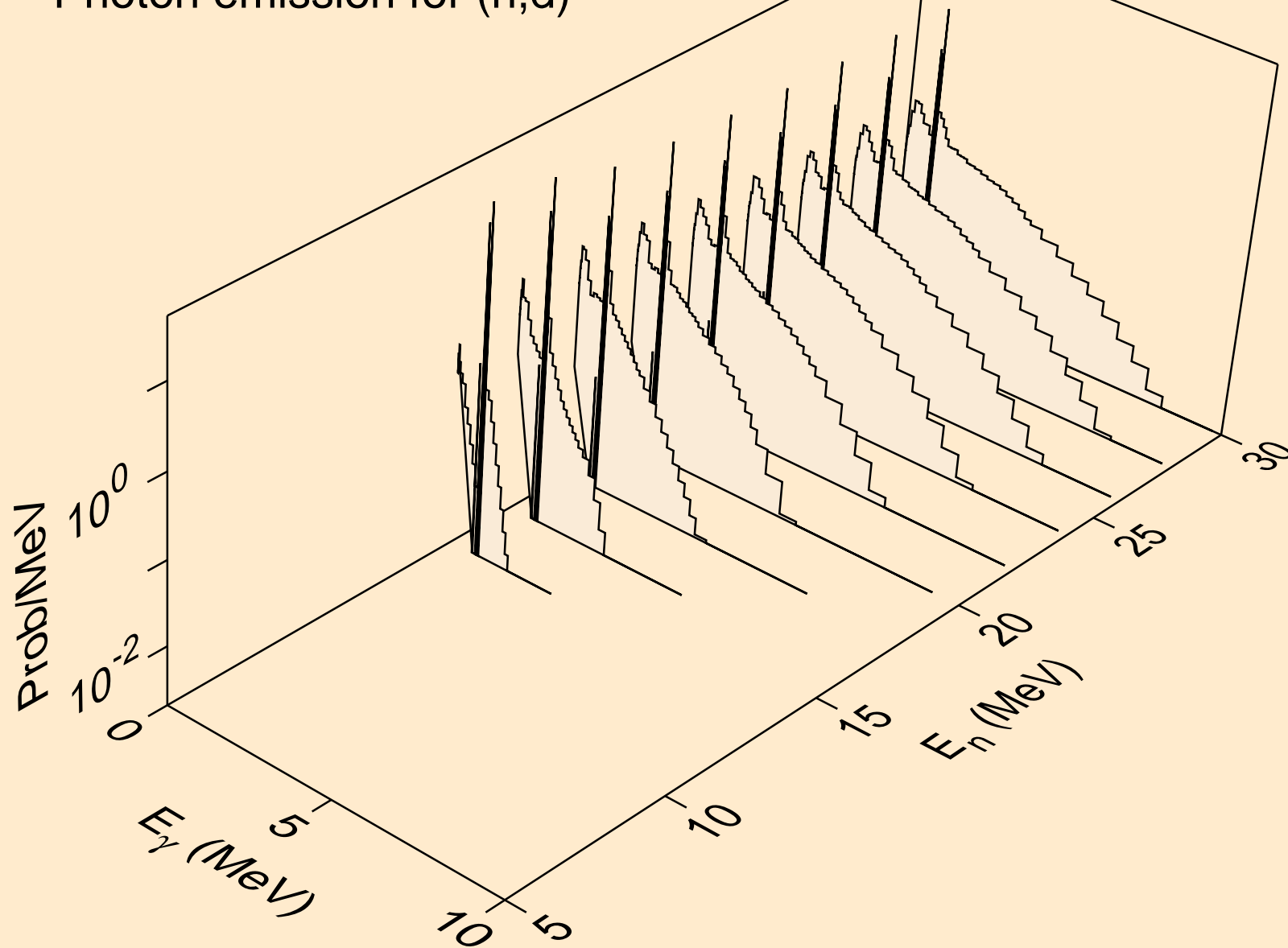
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,gma)



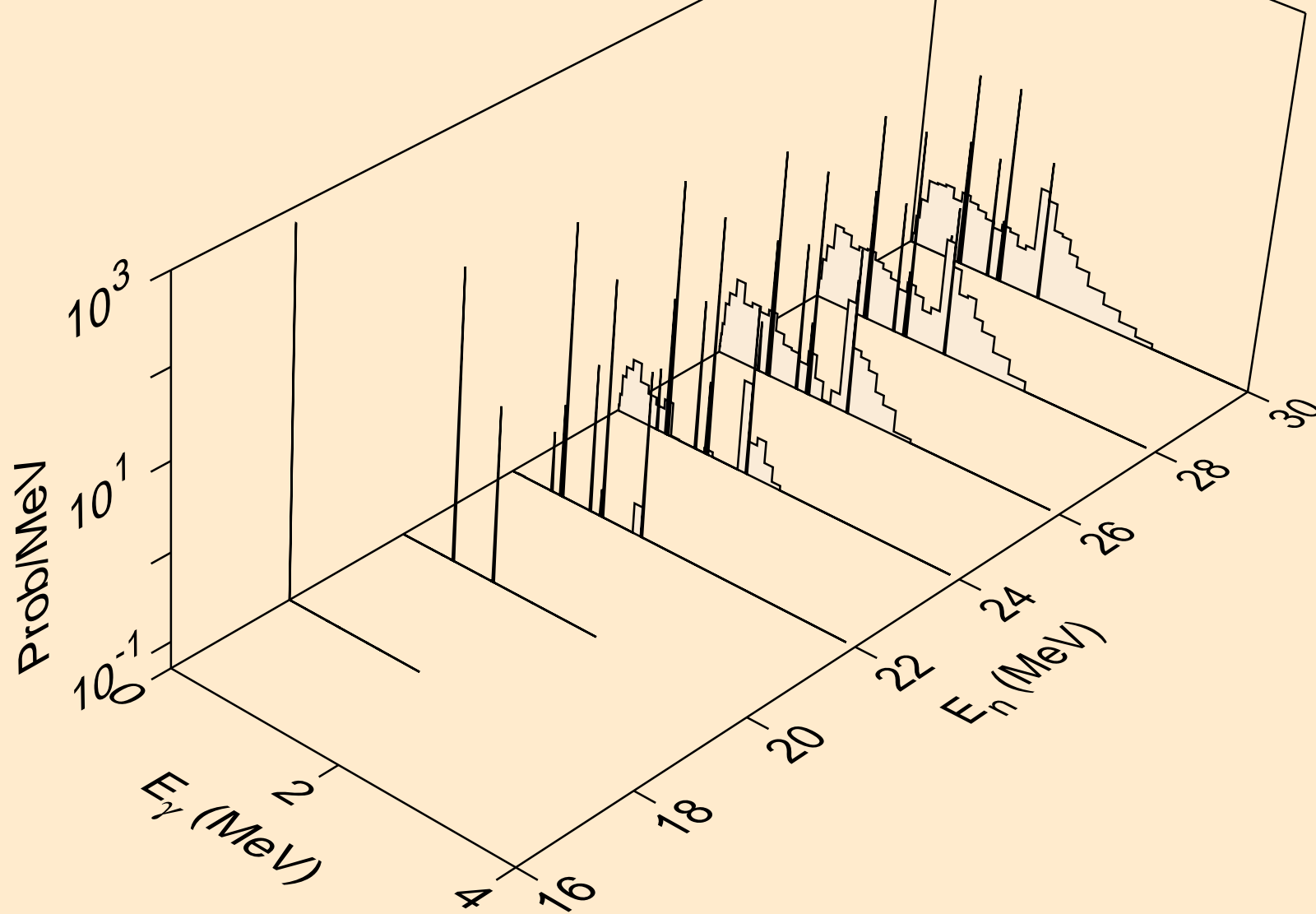
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,p)



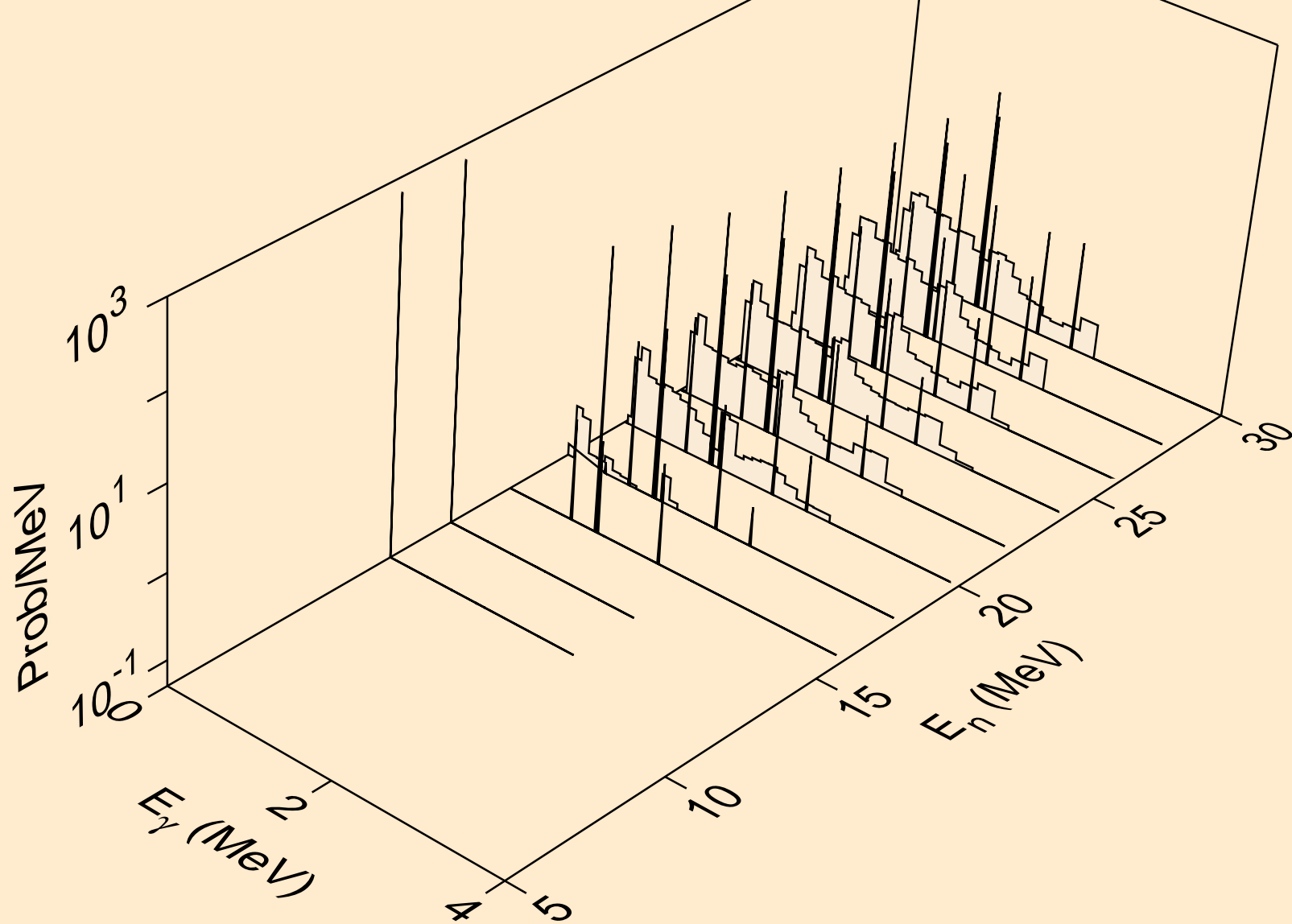
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,d)



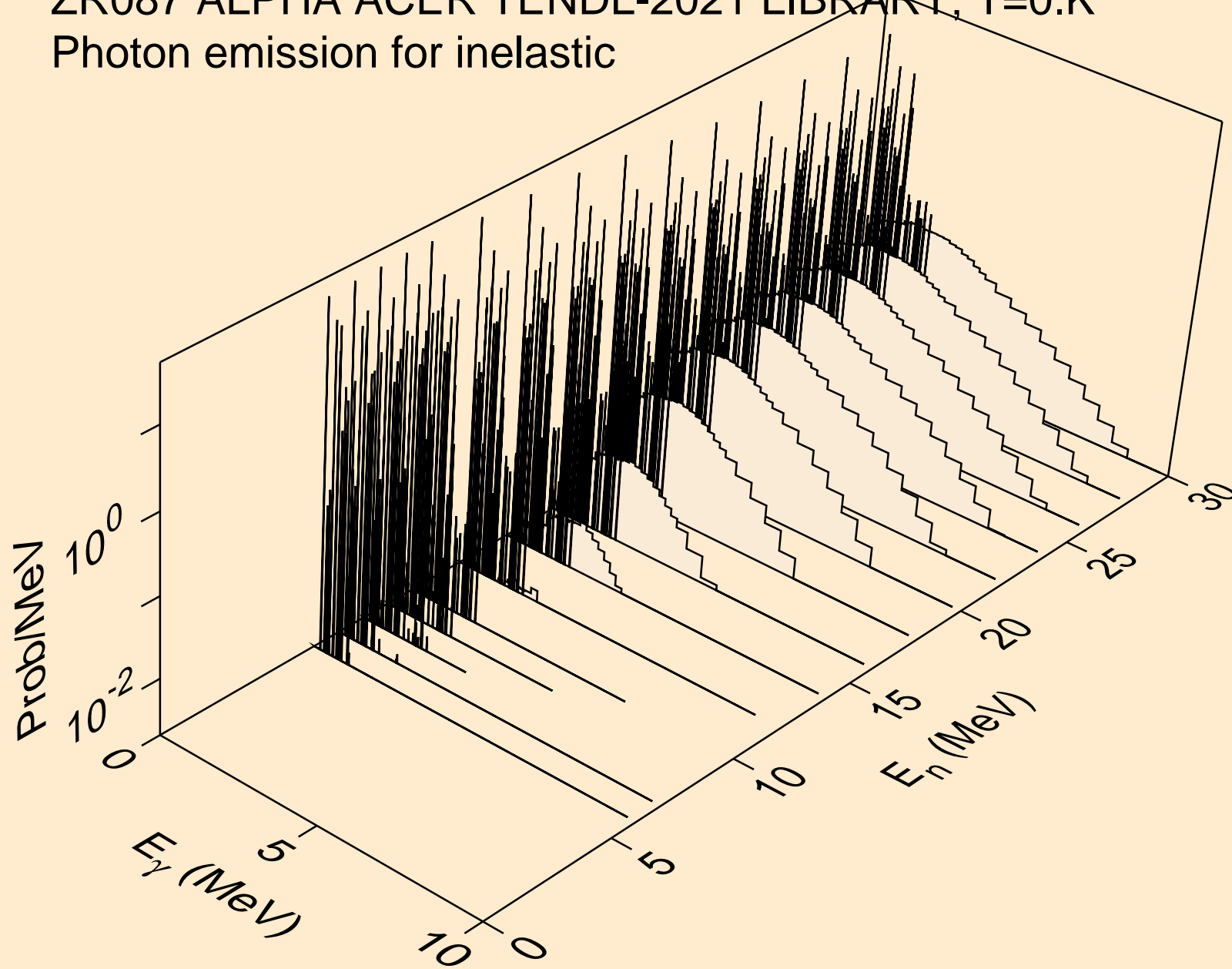
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,t)



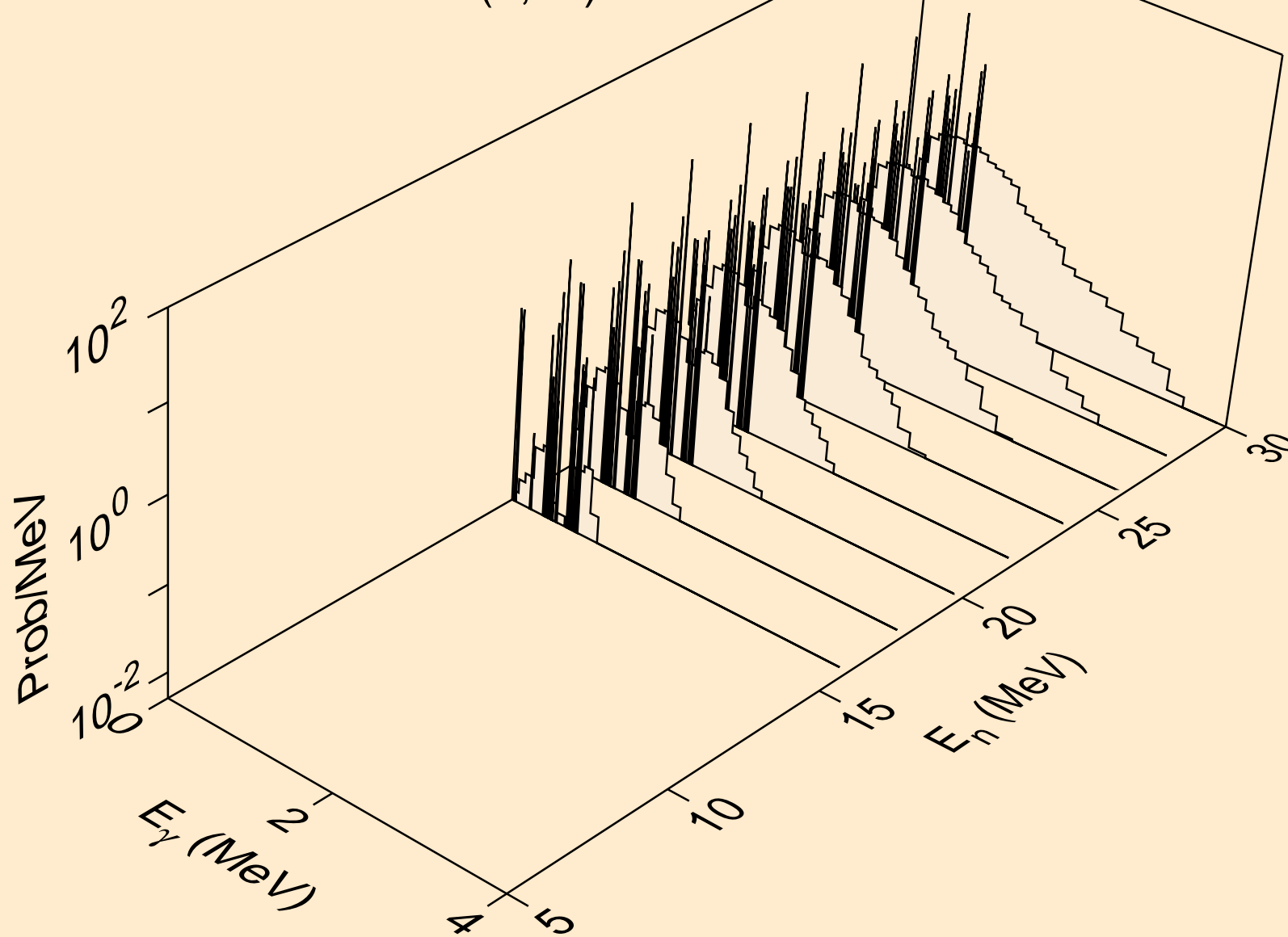
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,he3)



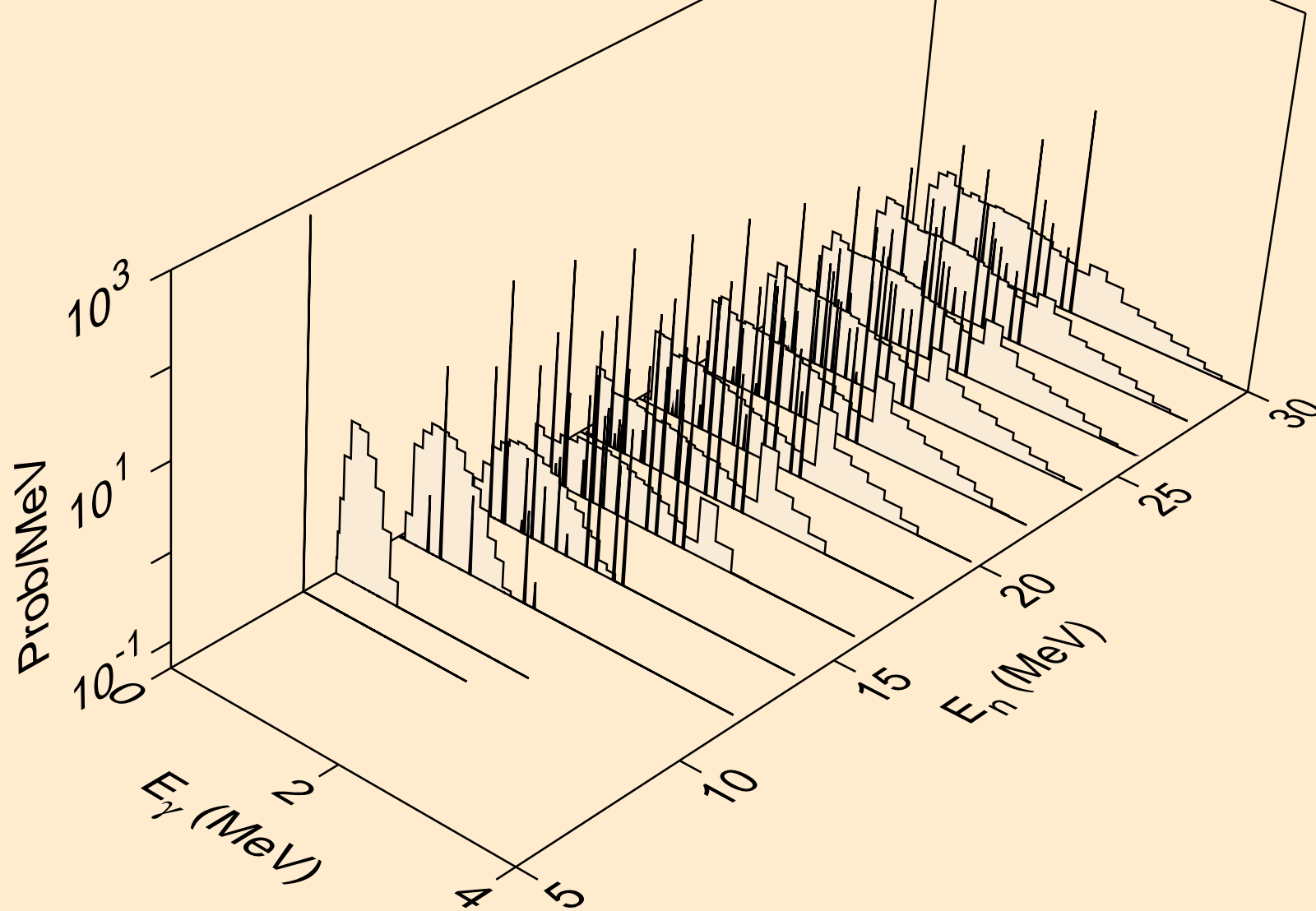
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for inelastic



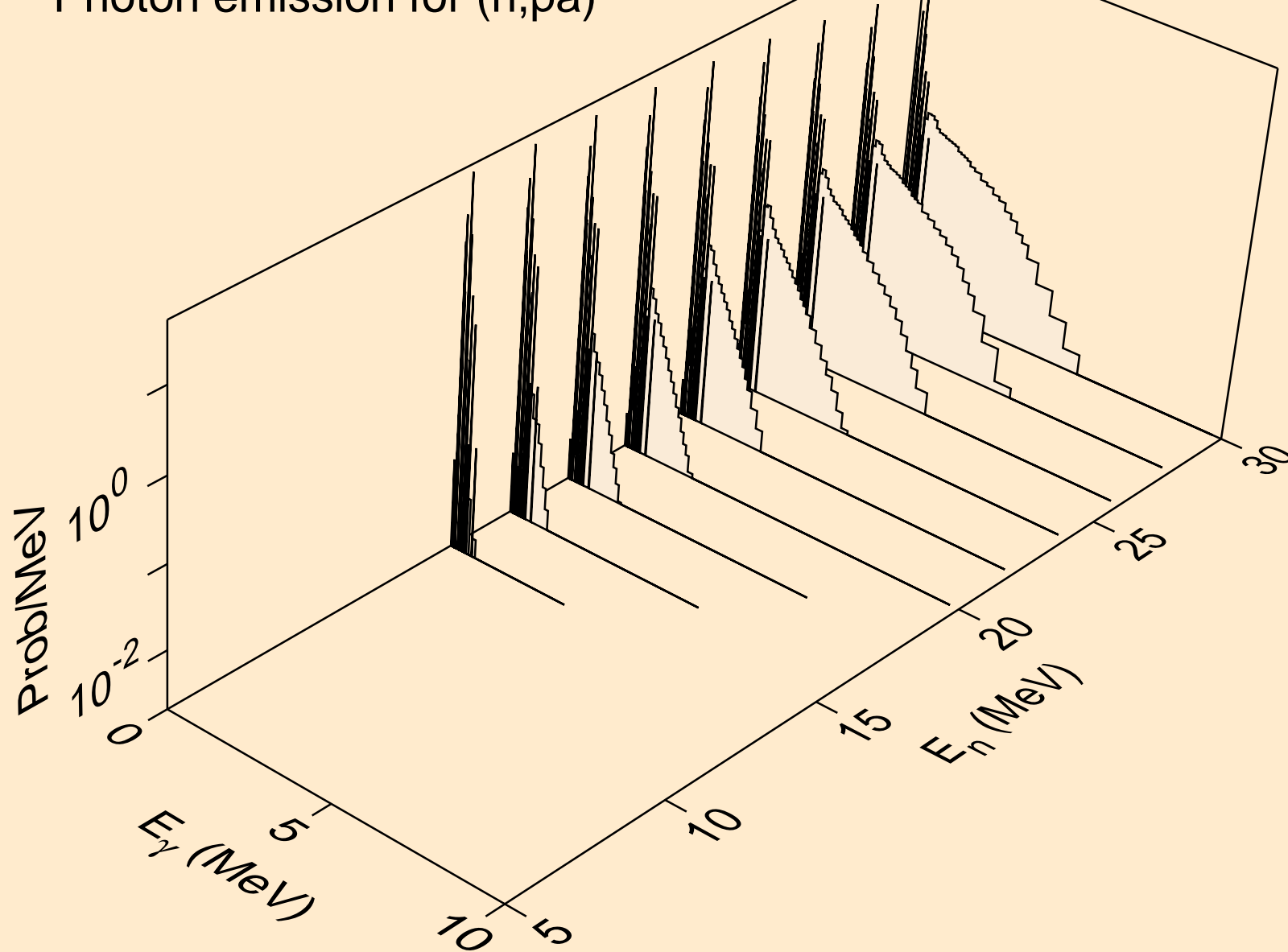
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2a)



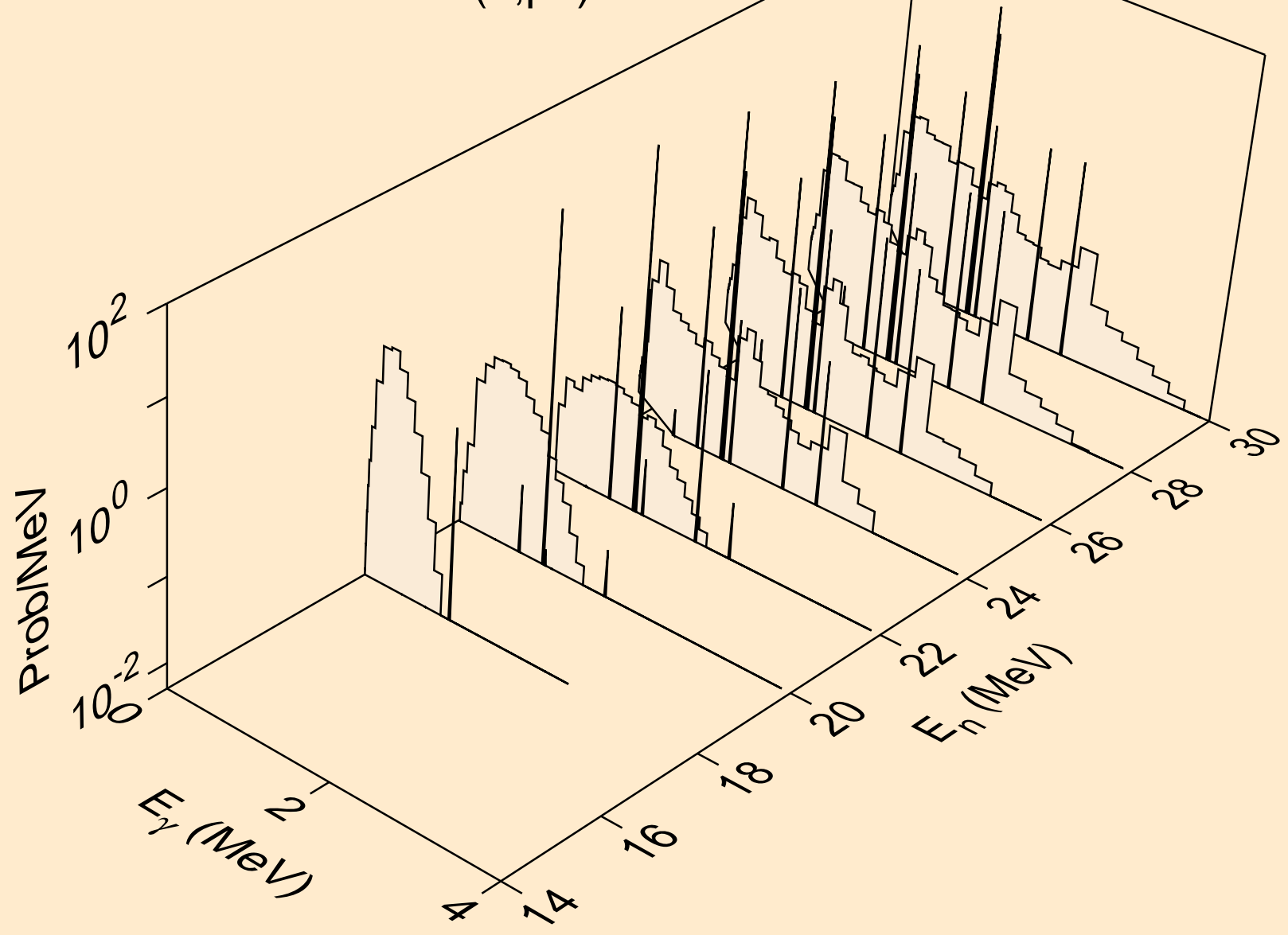
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2p)



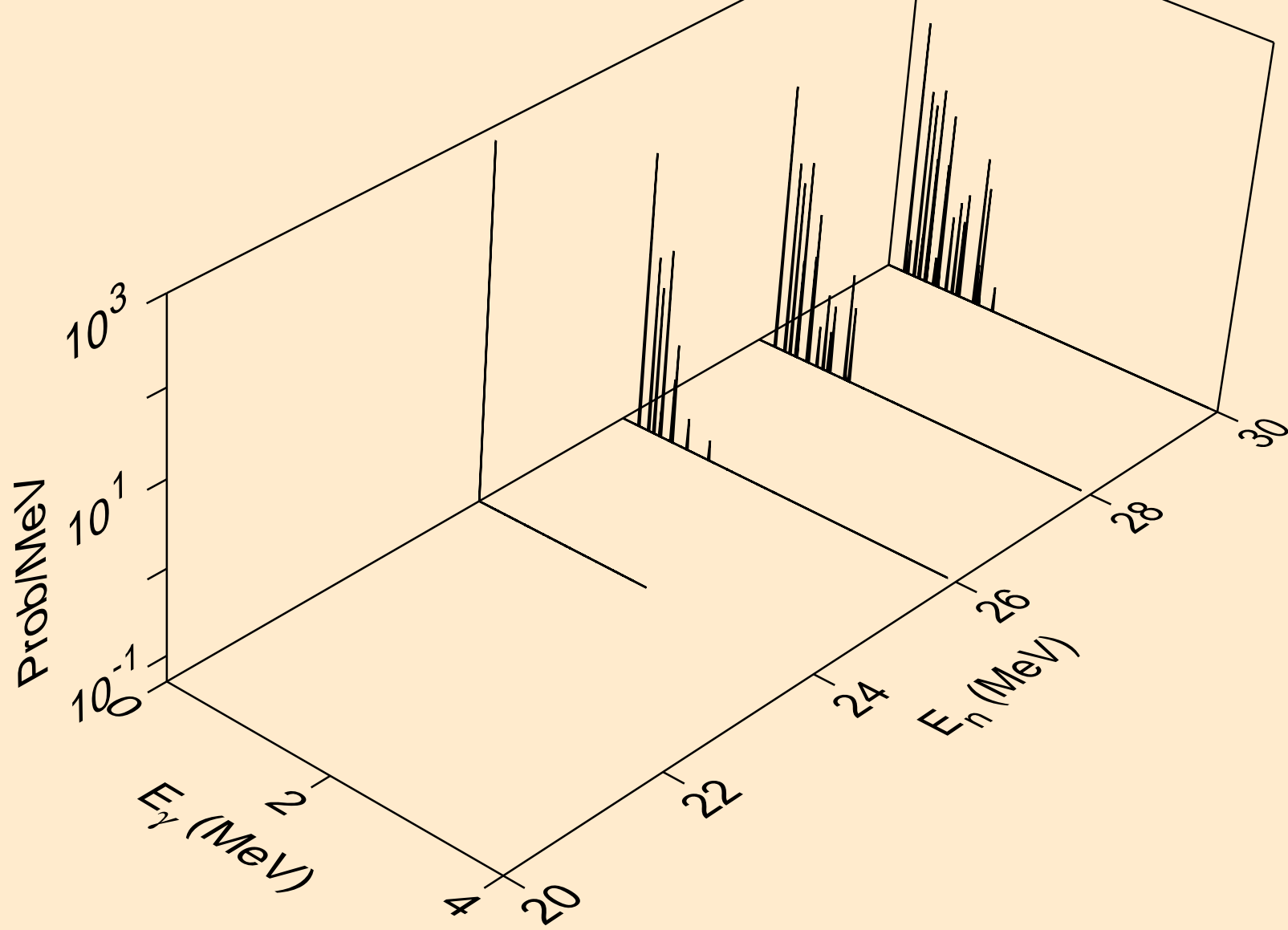
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pa)



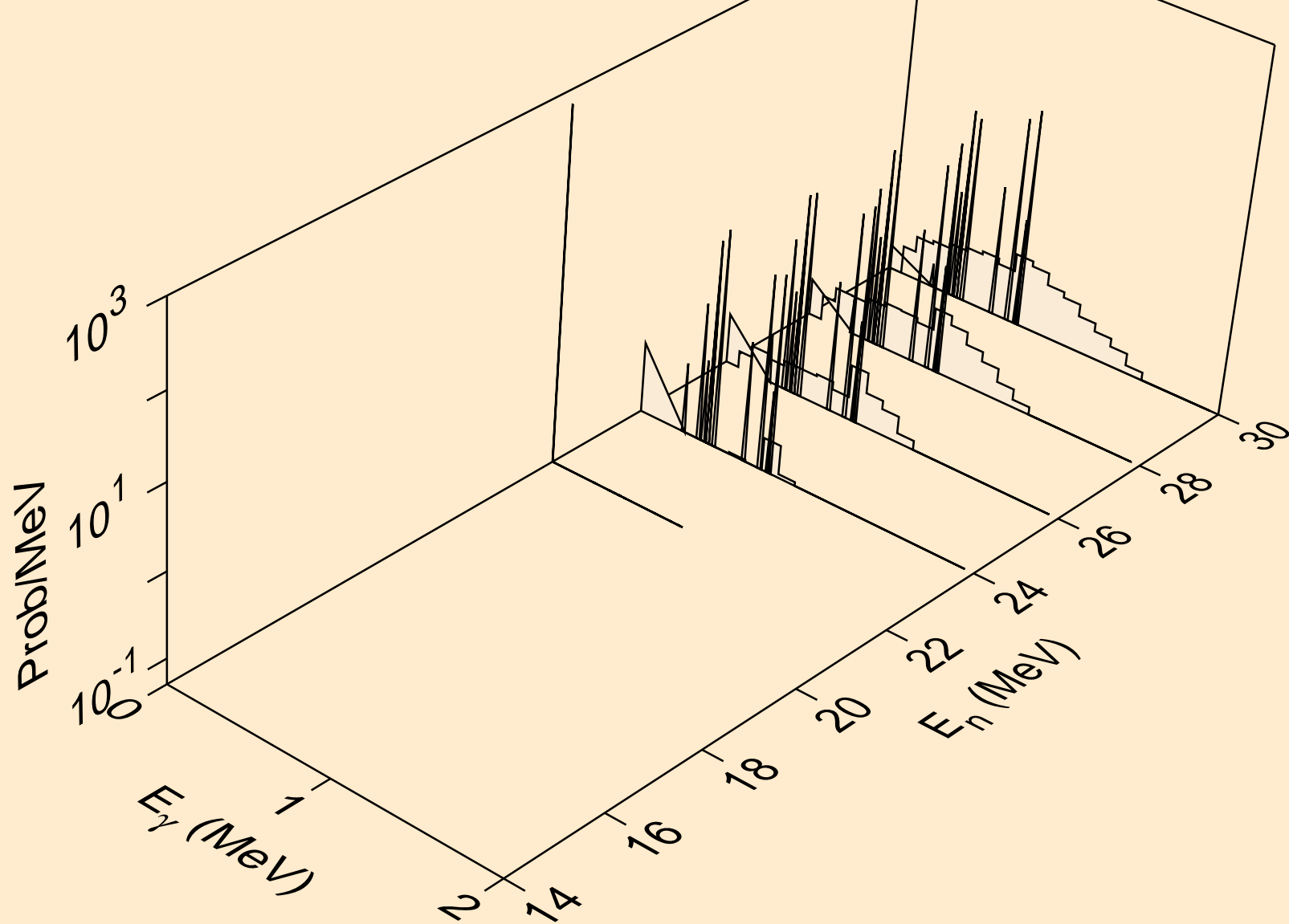
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pd)



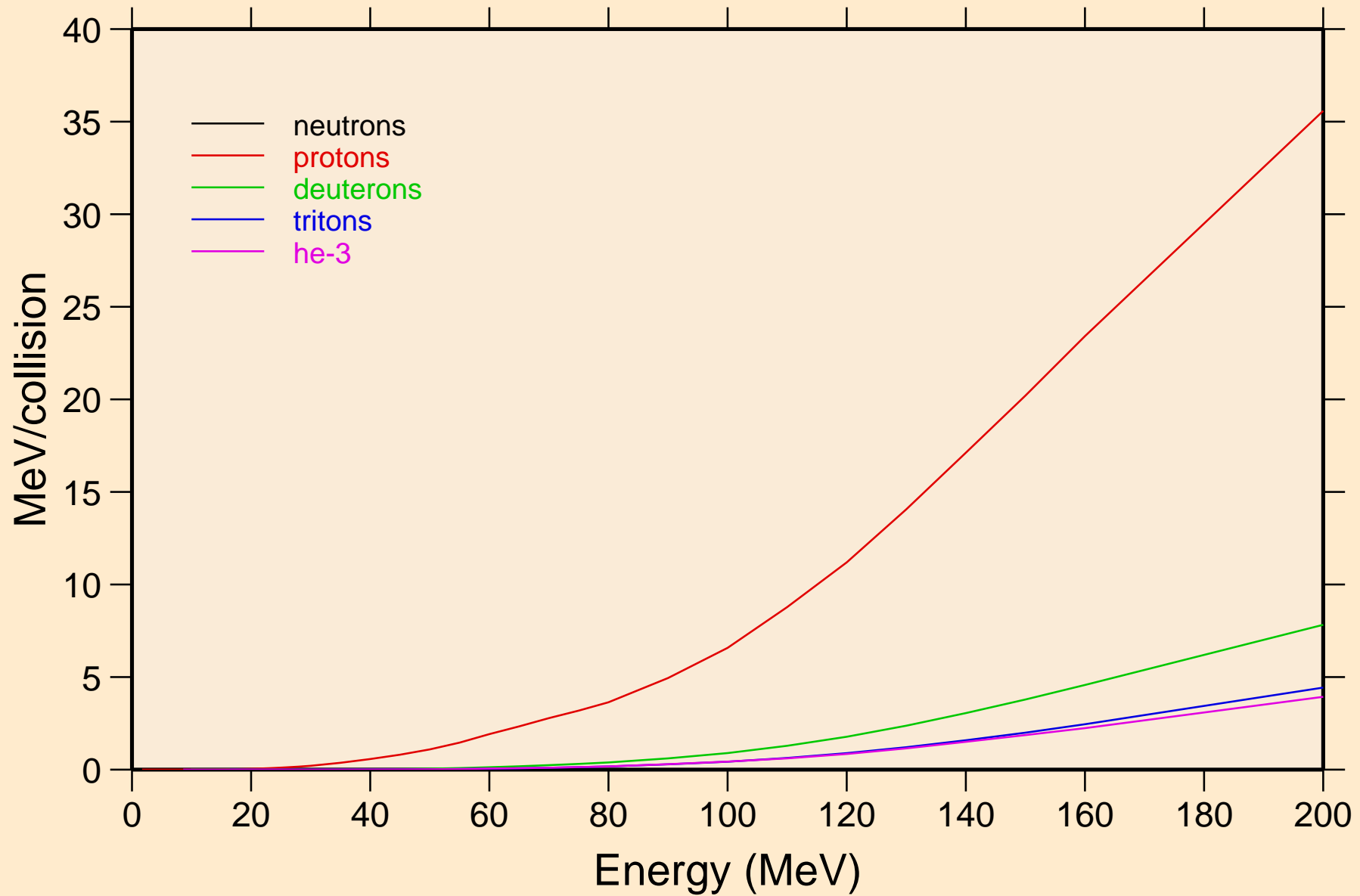
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pt)



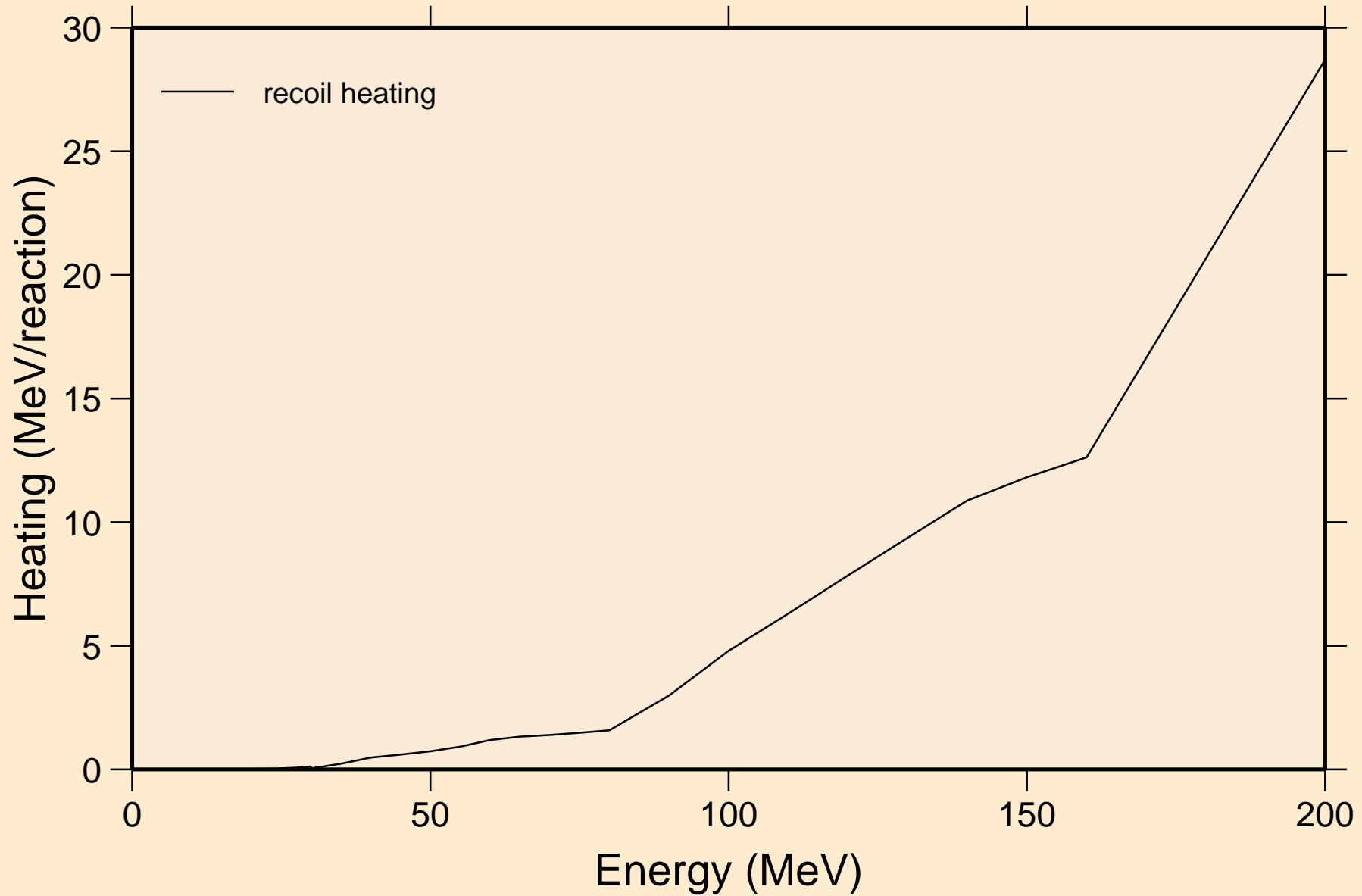
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,da)



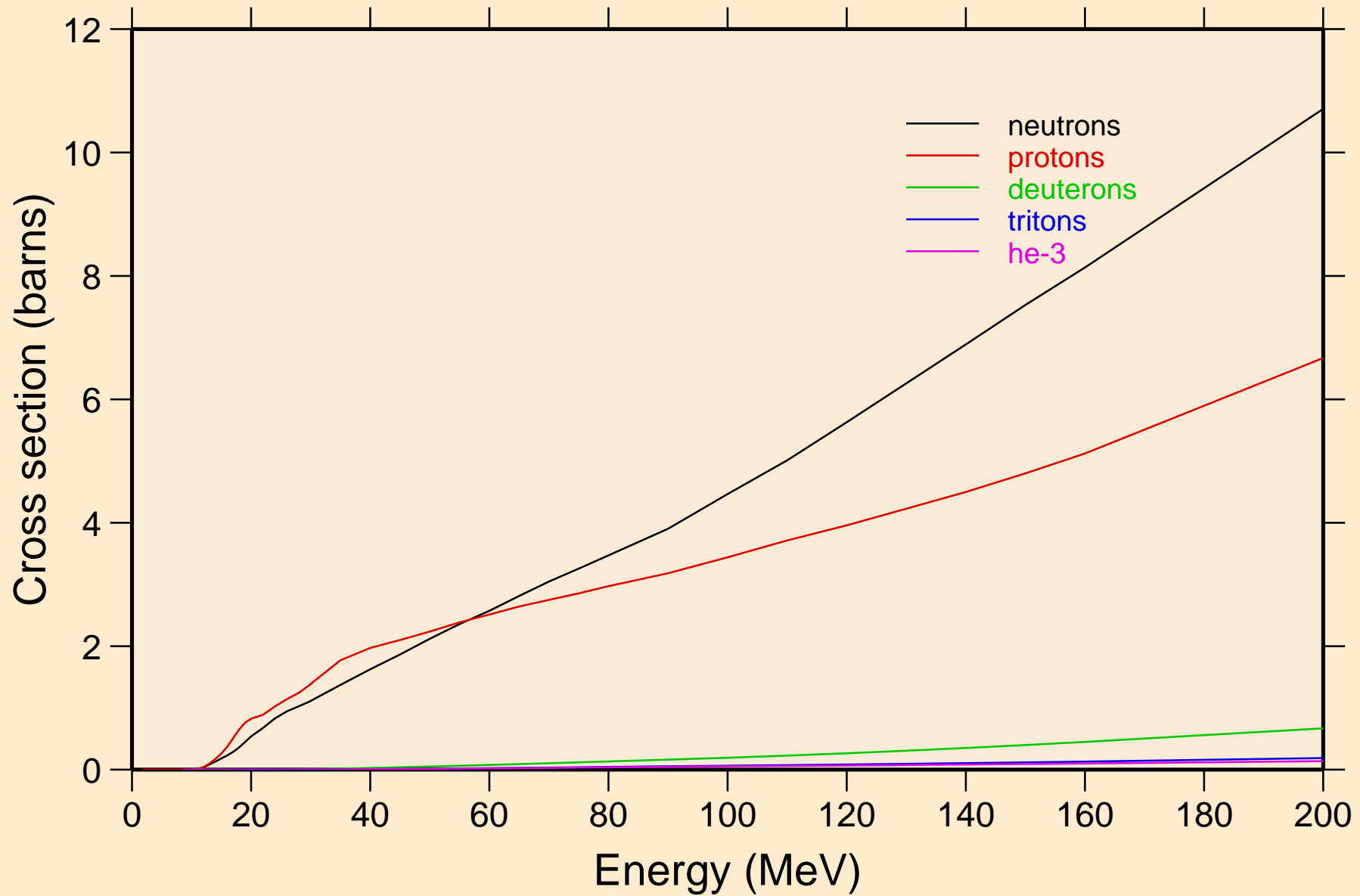
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Particle heating contributions



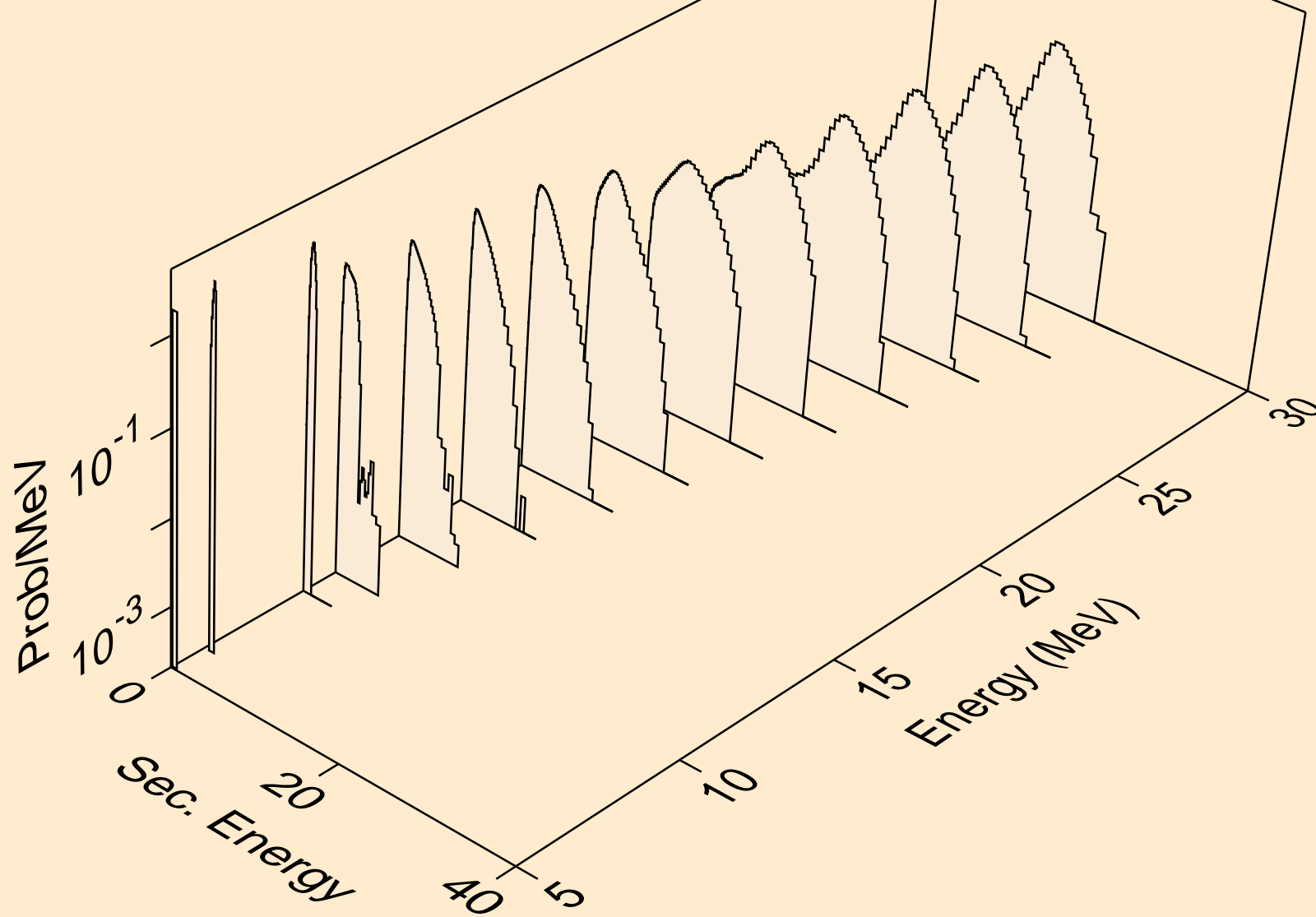
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Recoil Heating



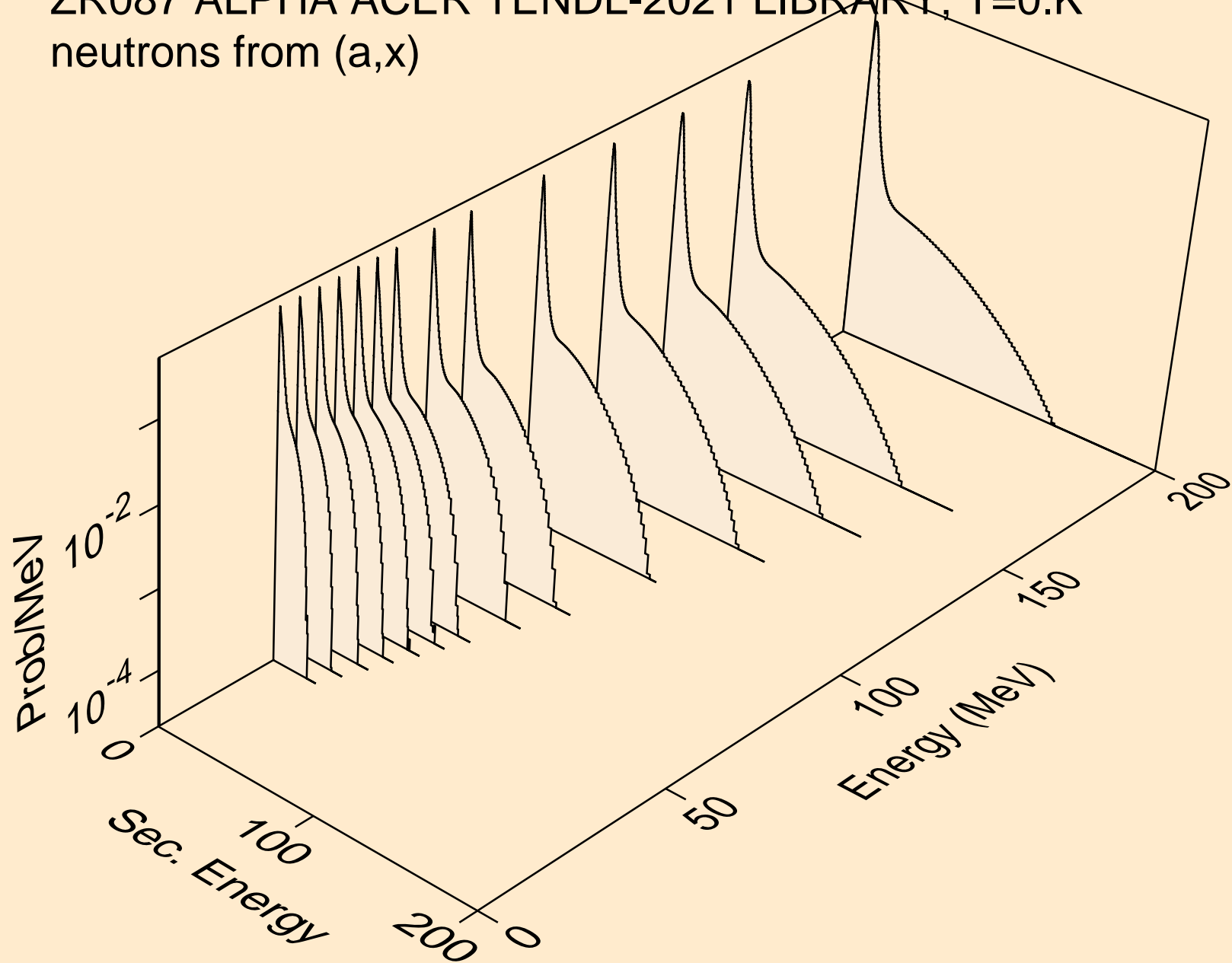
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Particle production cross sections



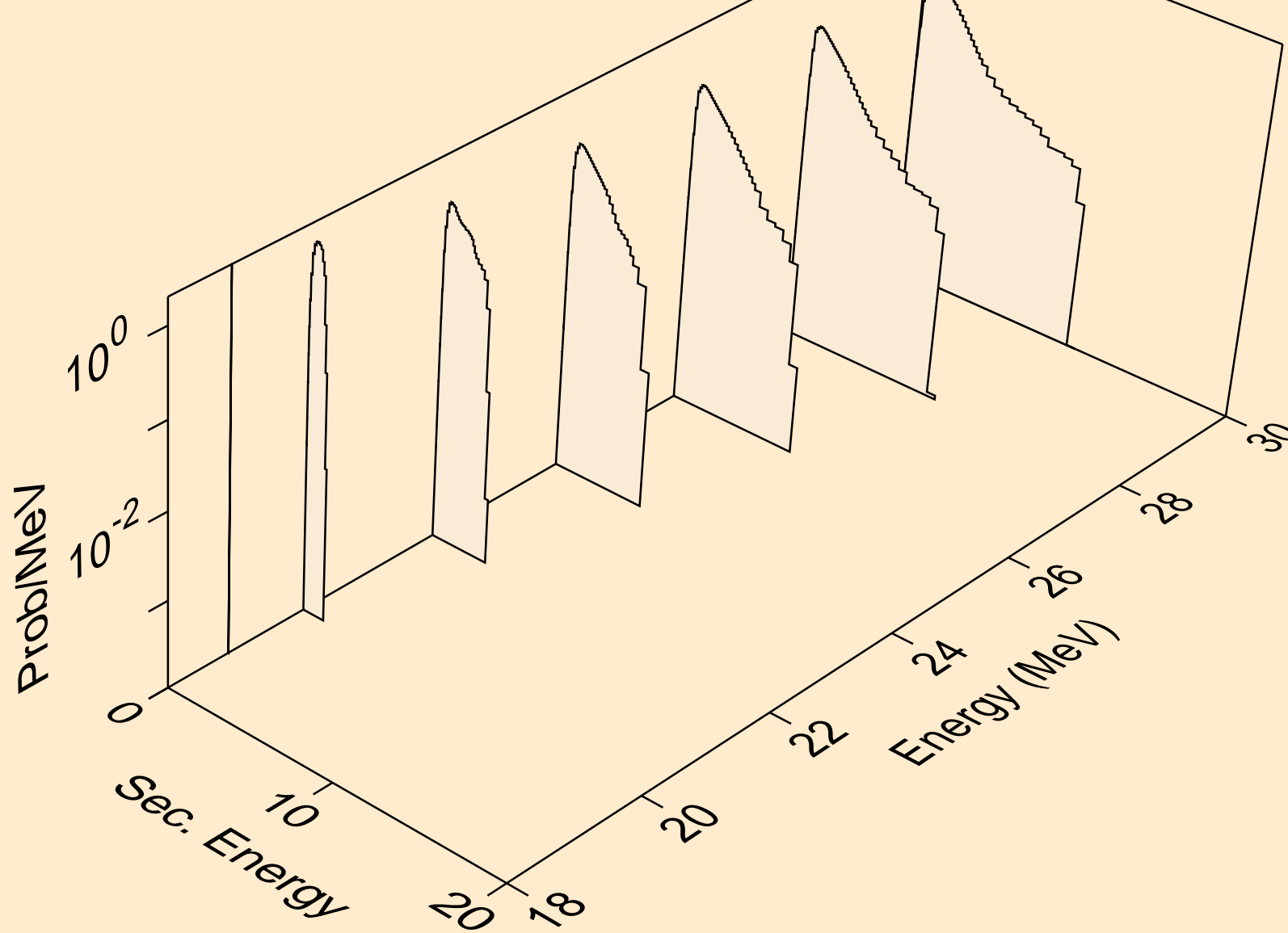
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n)



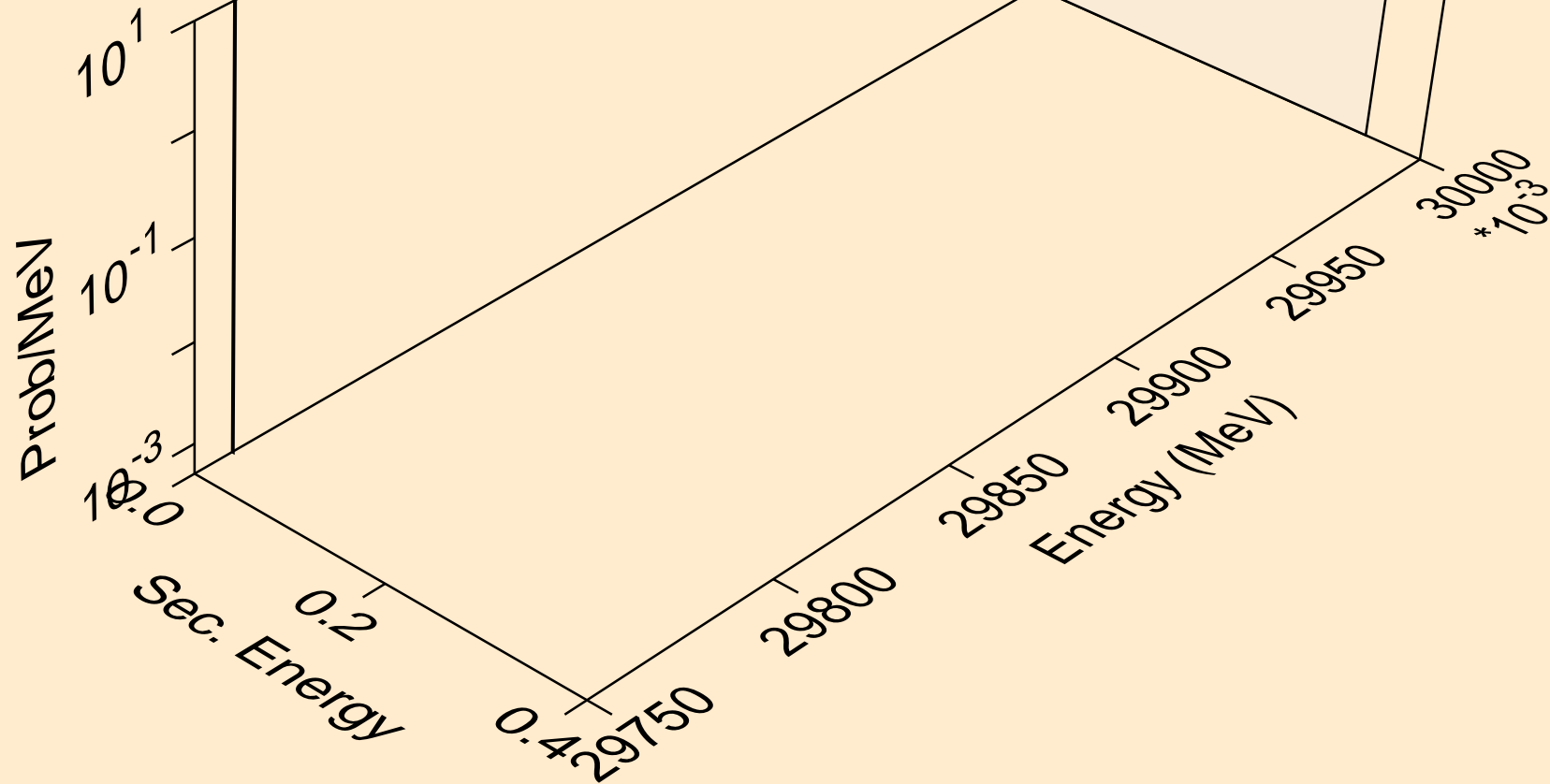
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,x)



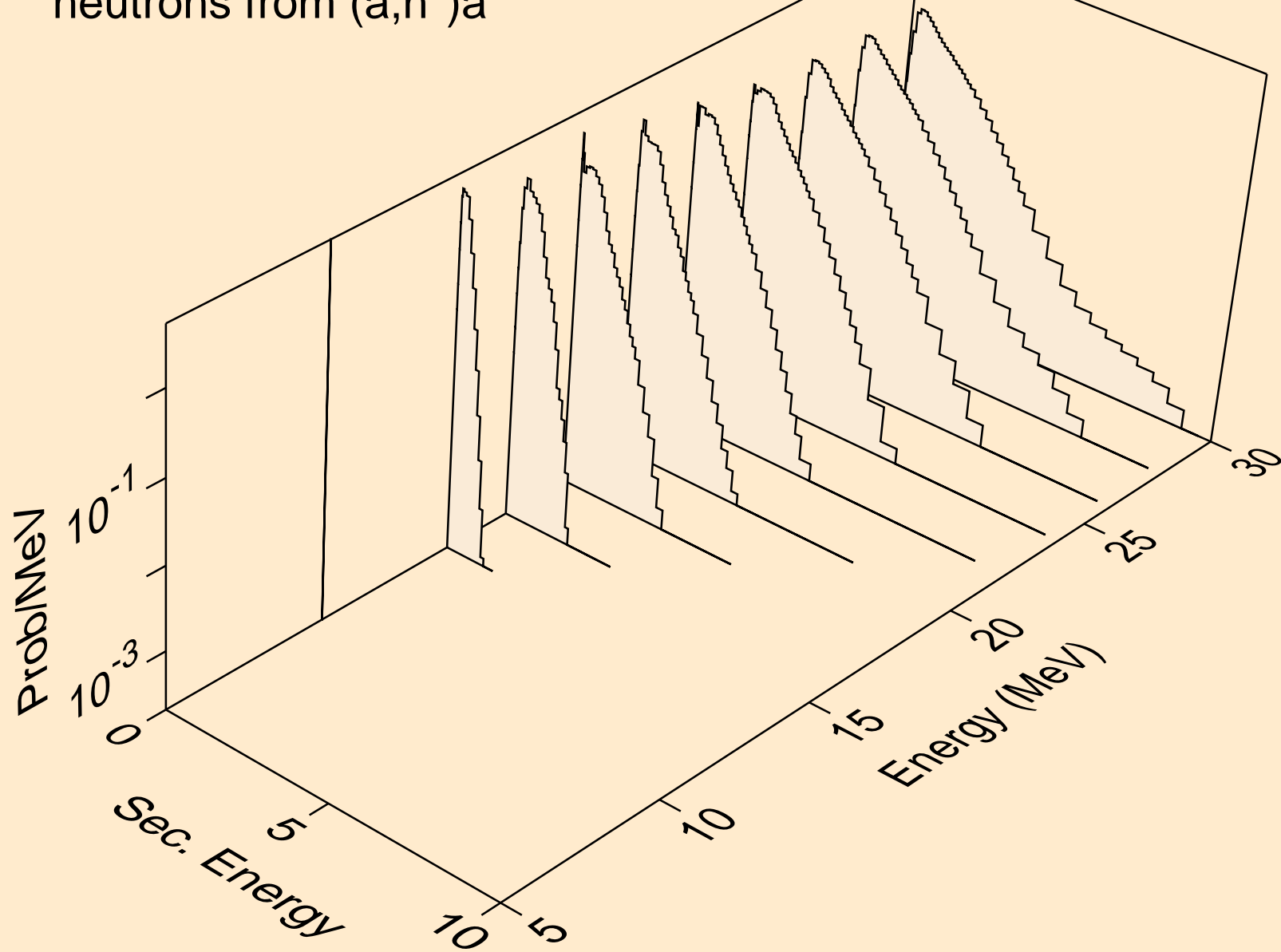
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2n)



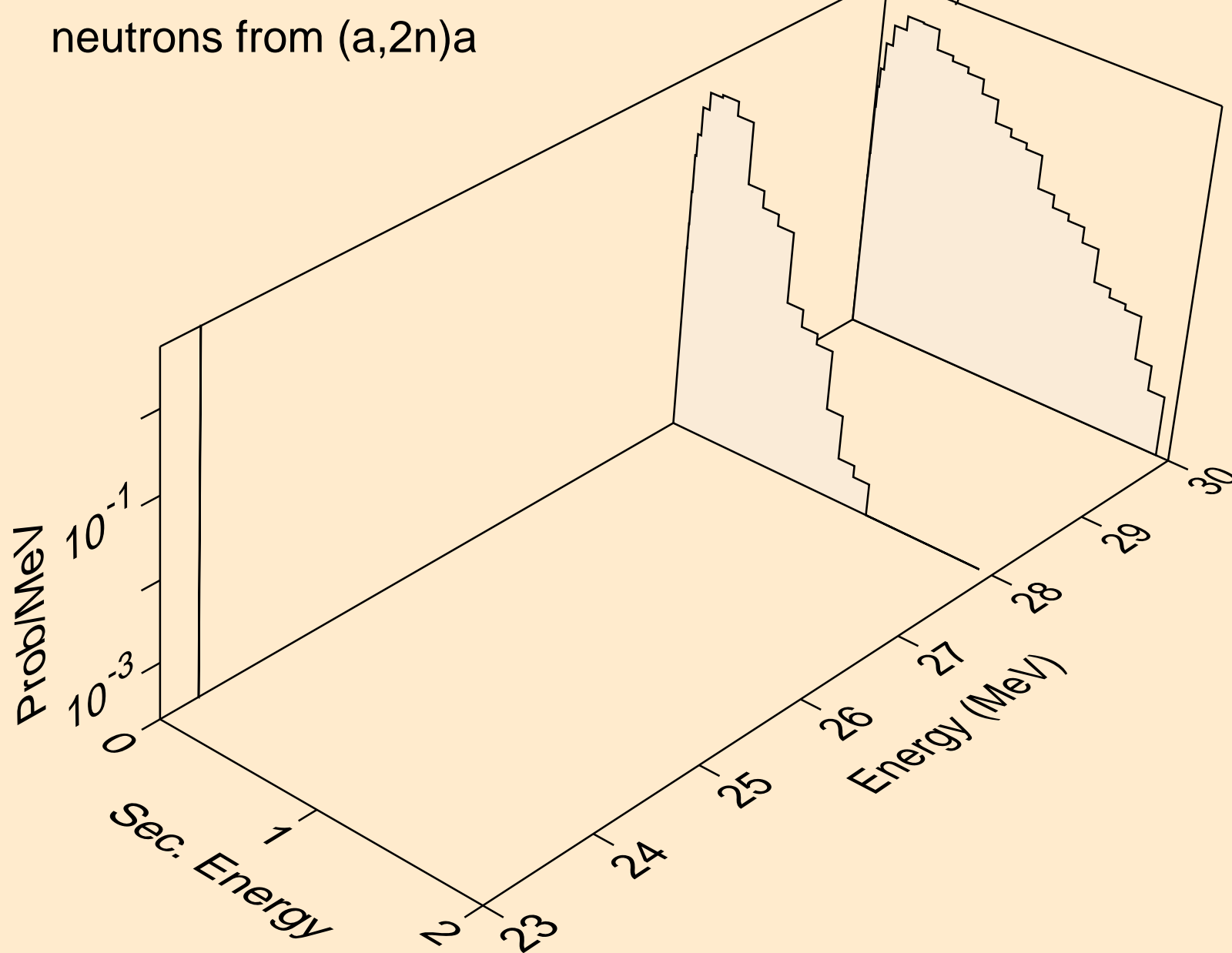
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,3n)



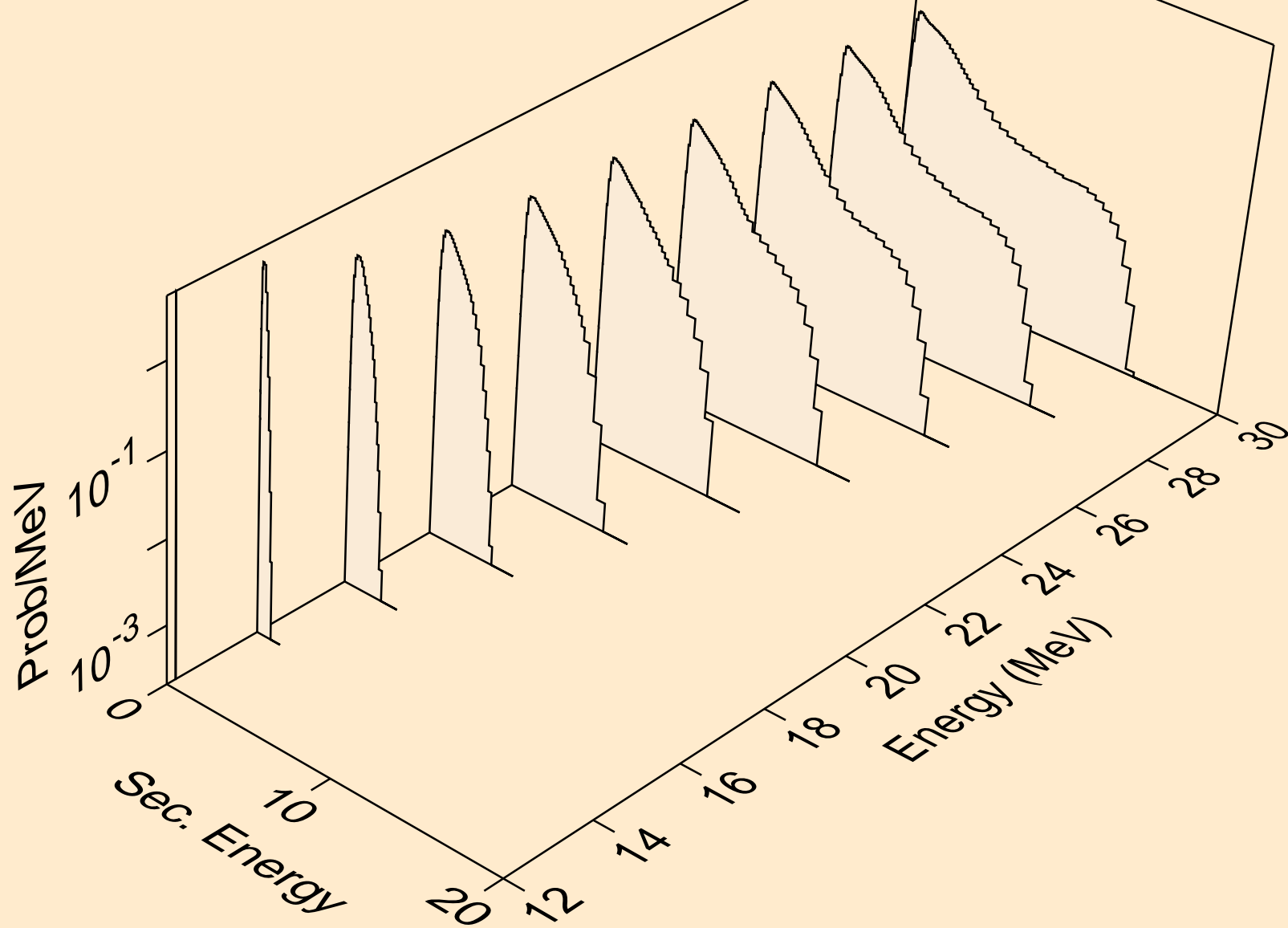
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)a



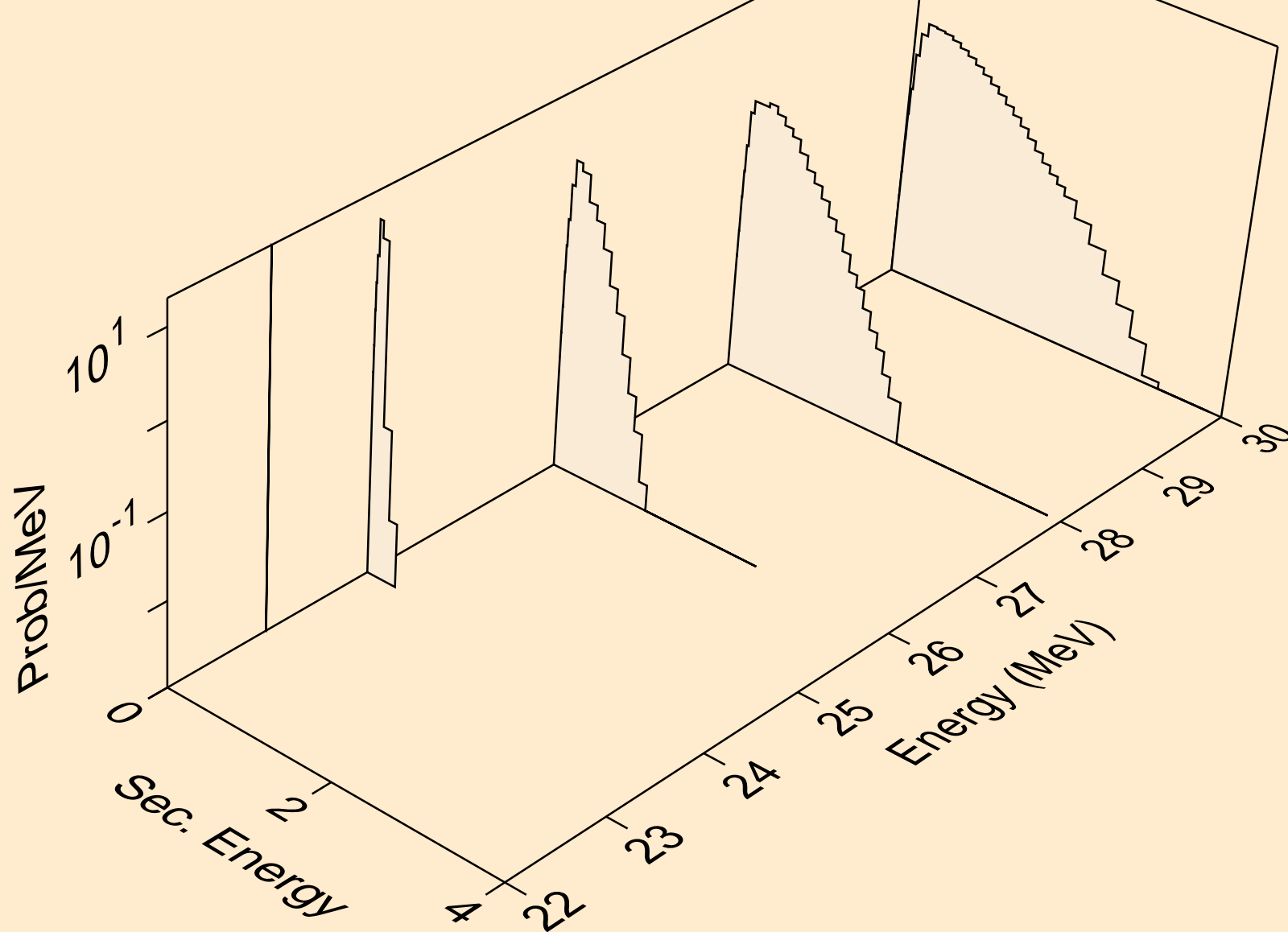
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2n)a



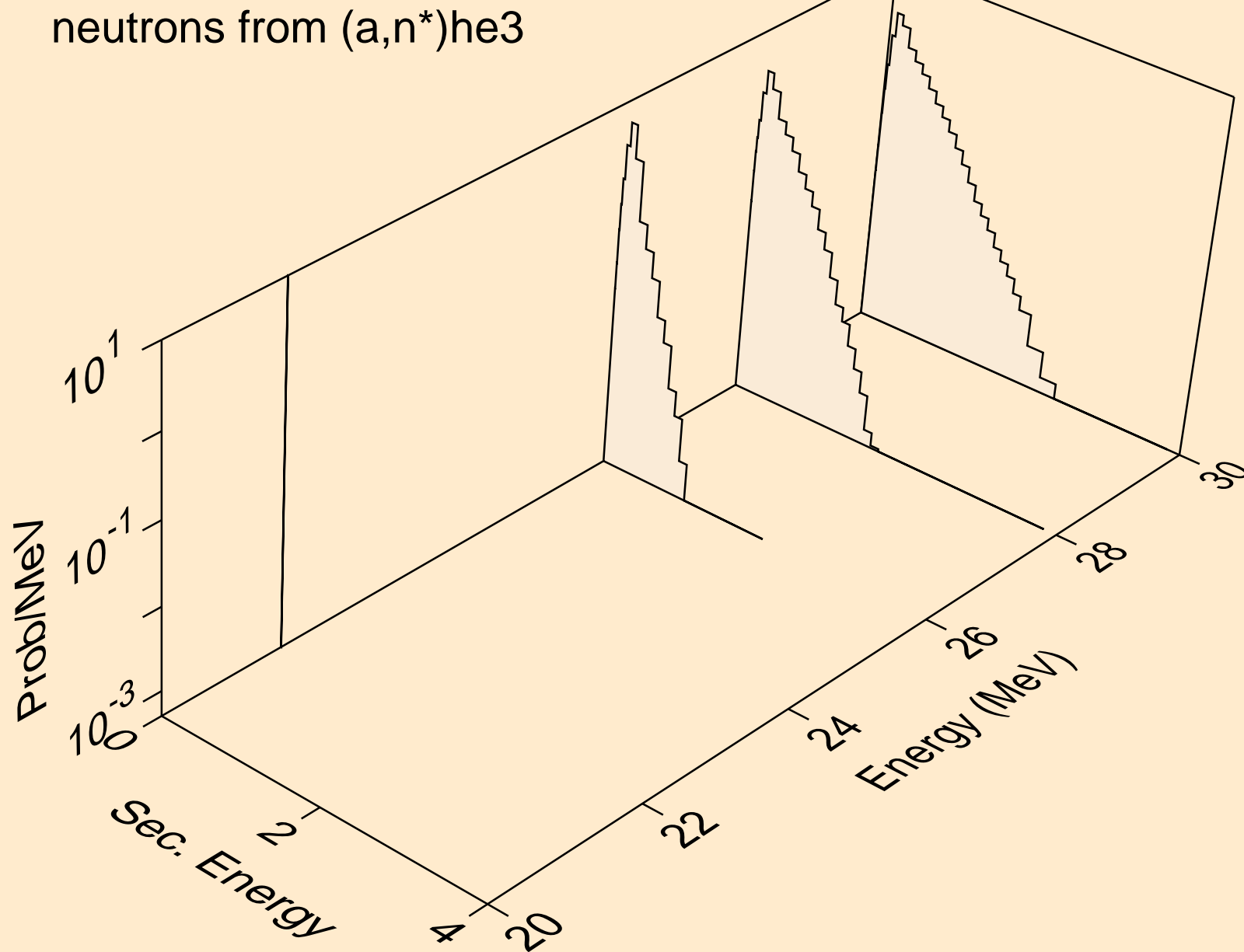
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)p



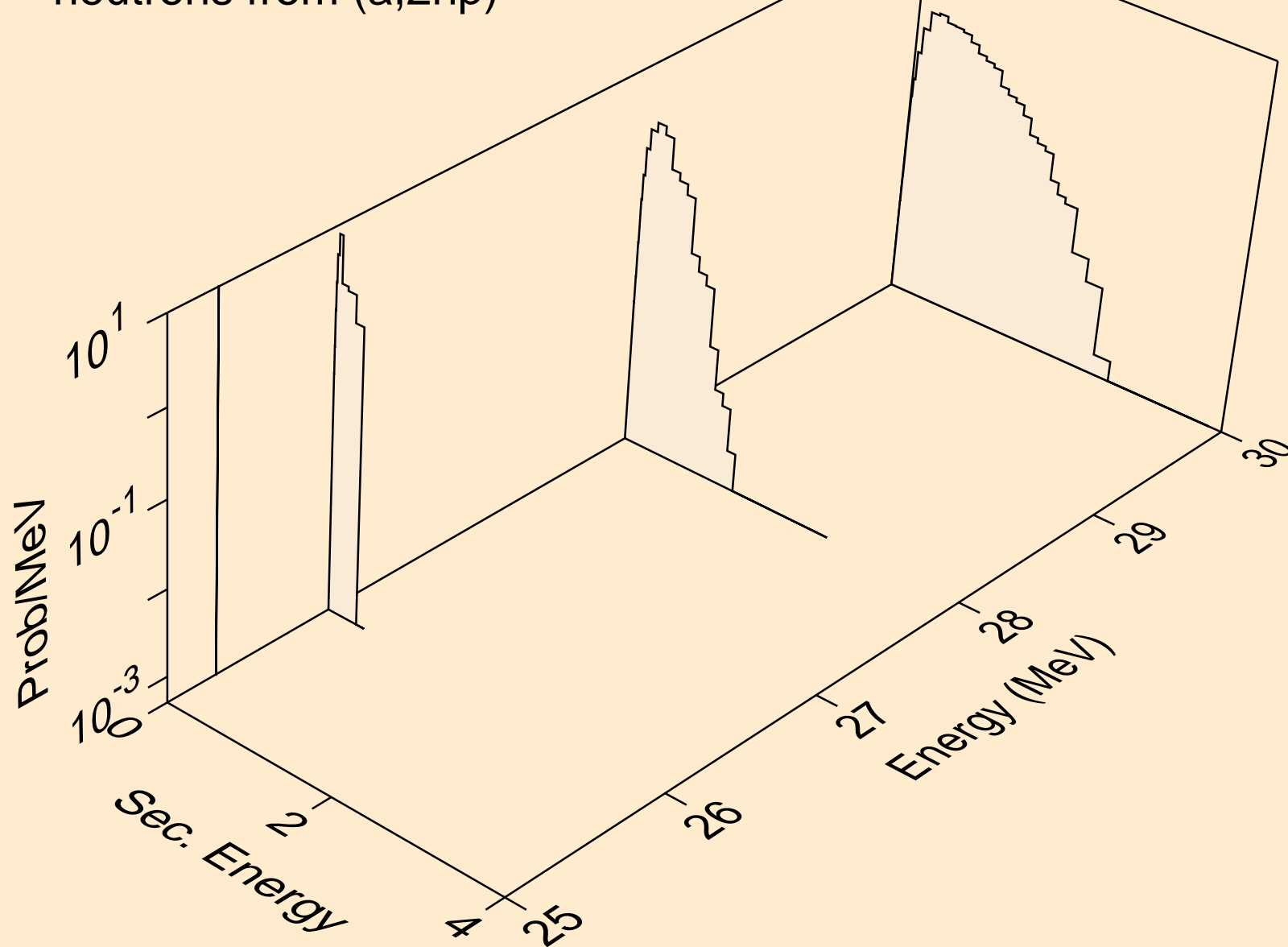
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)d



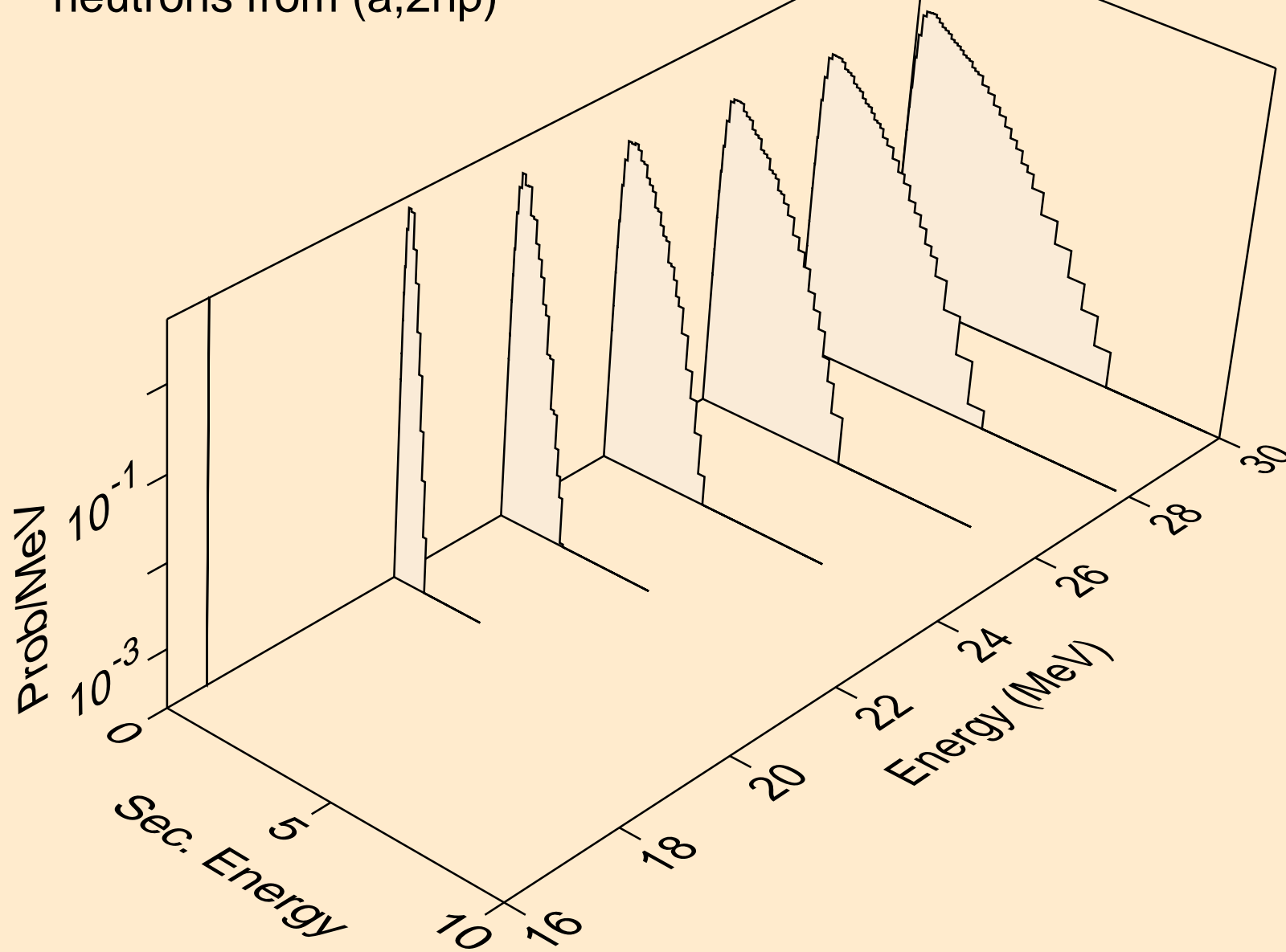
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)he3



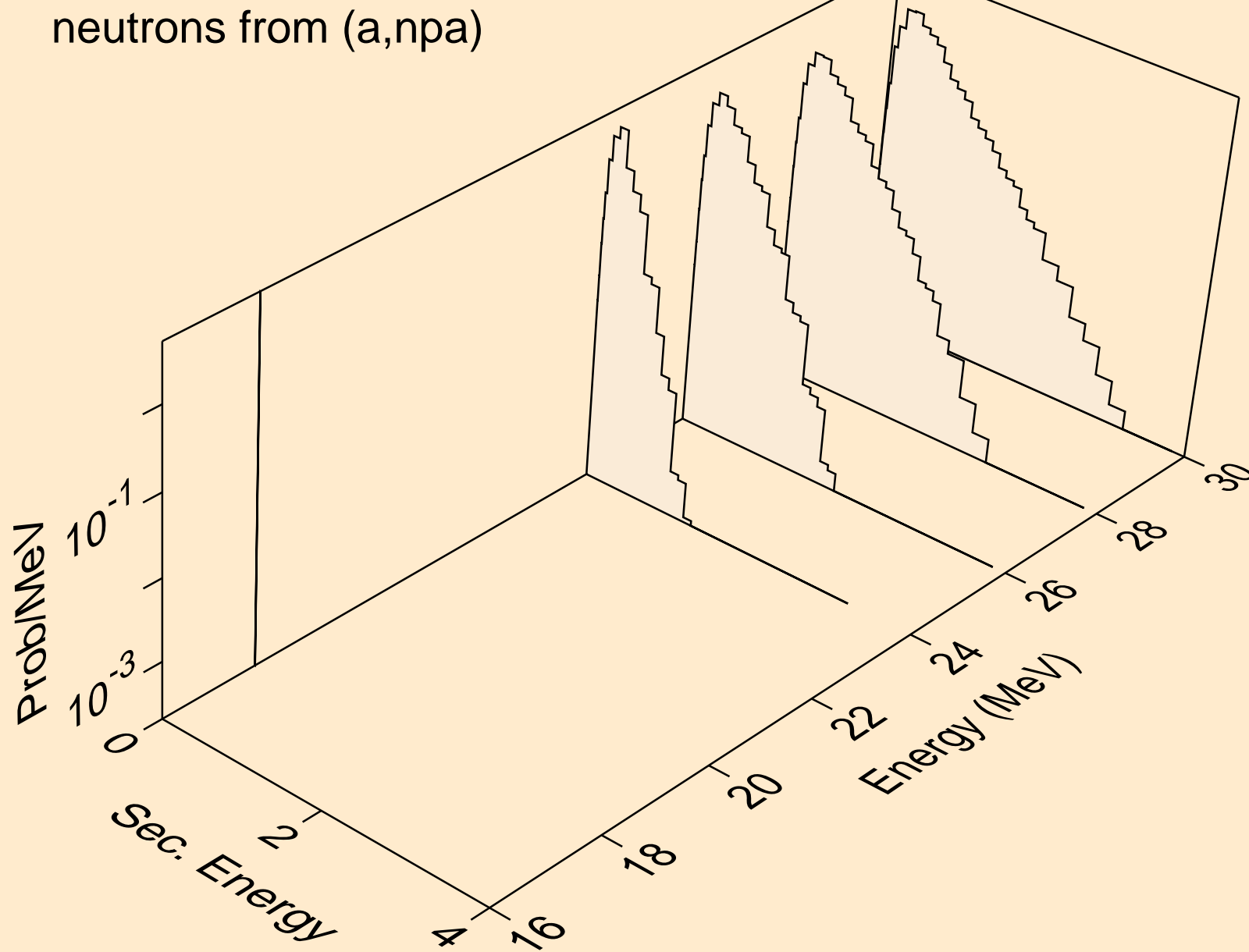
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2np)



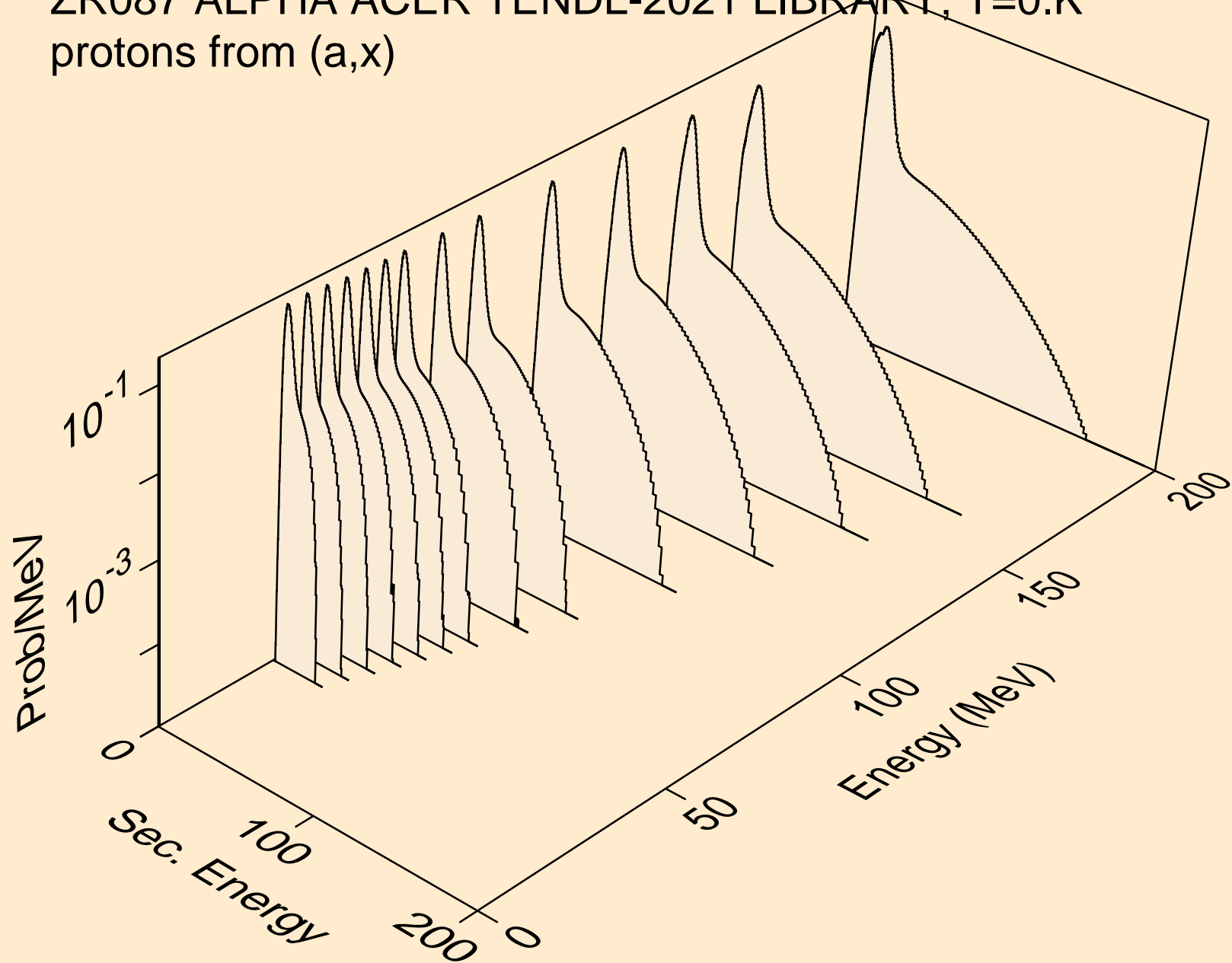
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2np)



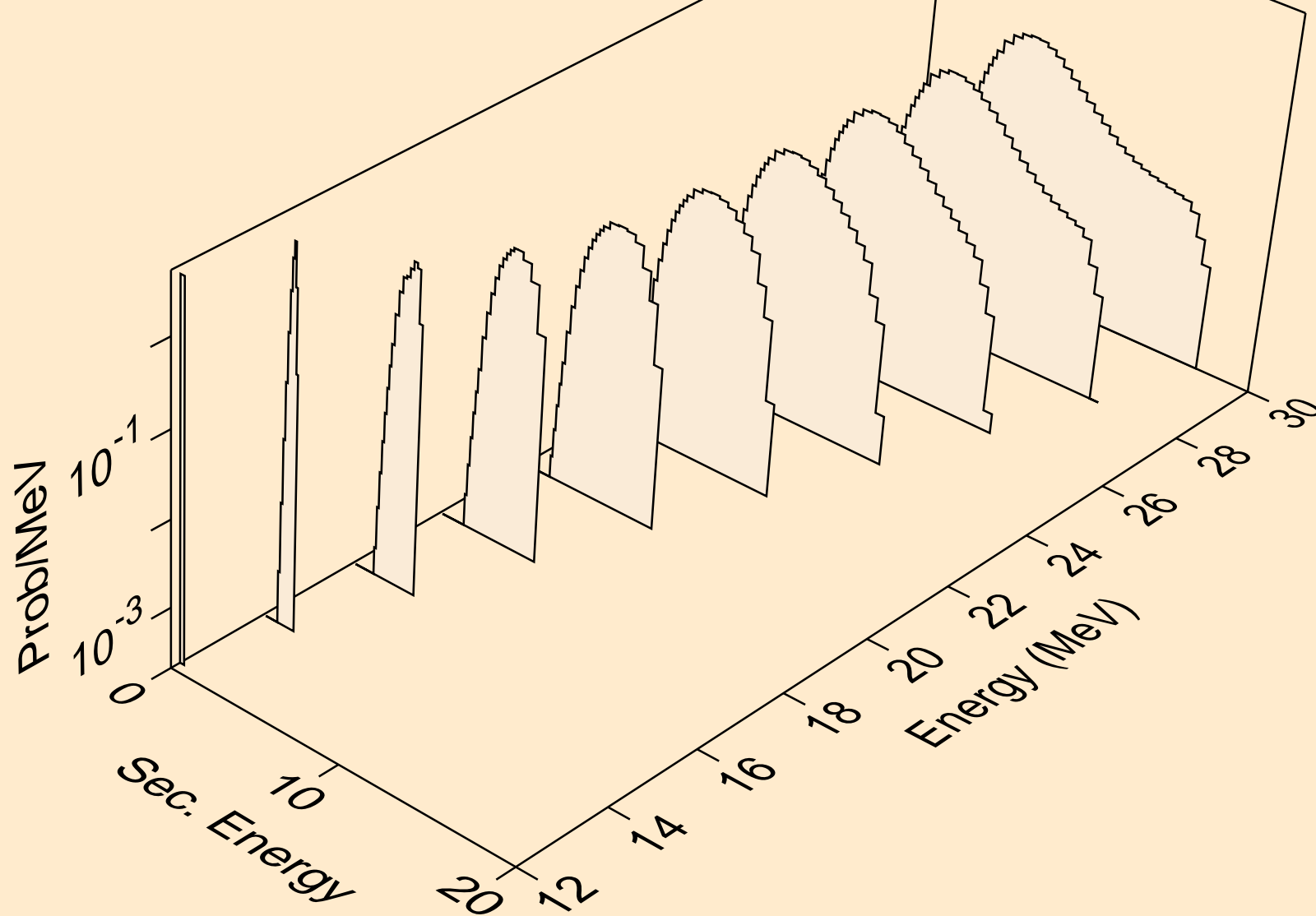
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,npa)



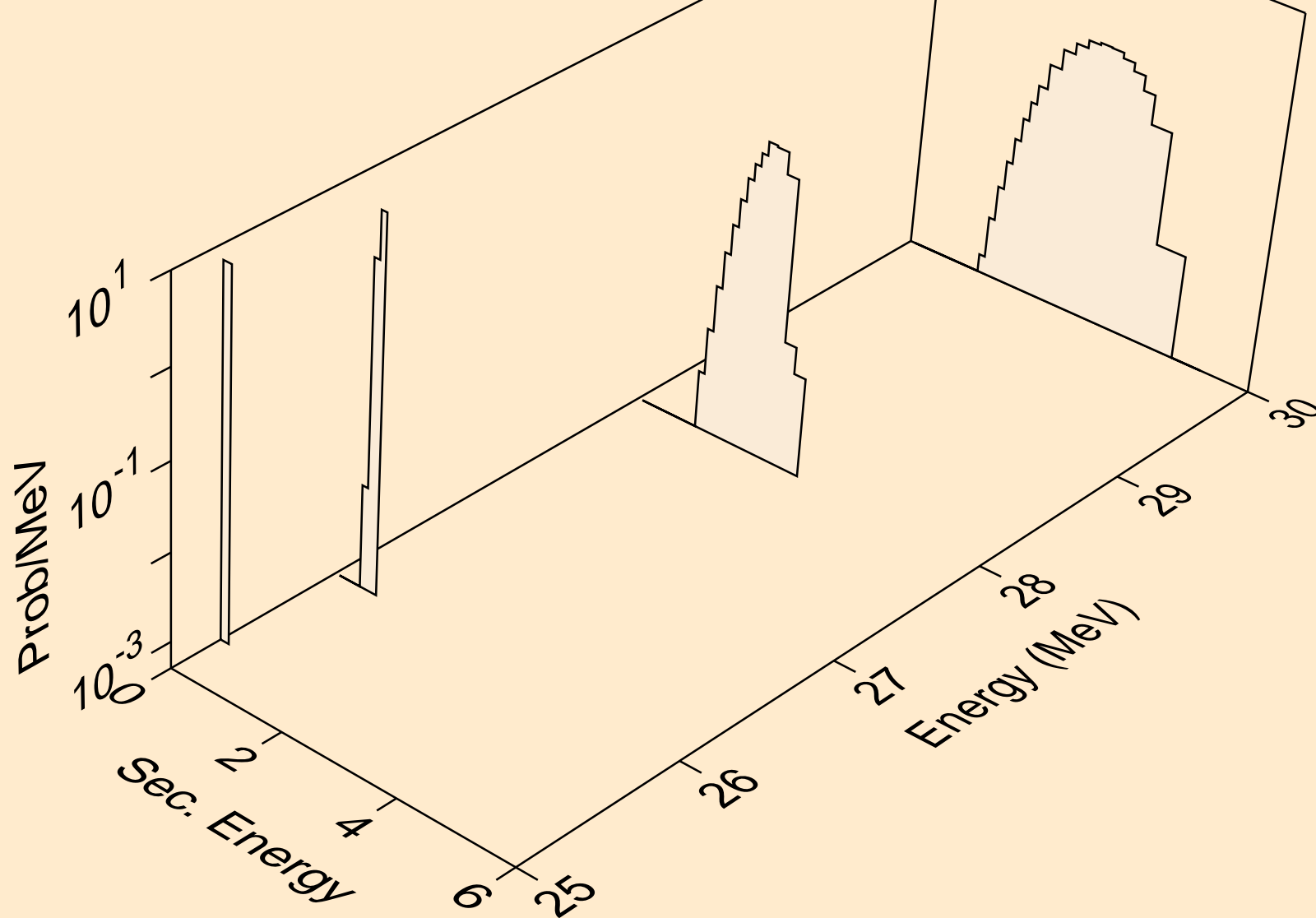
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,x)



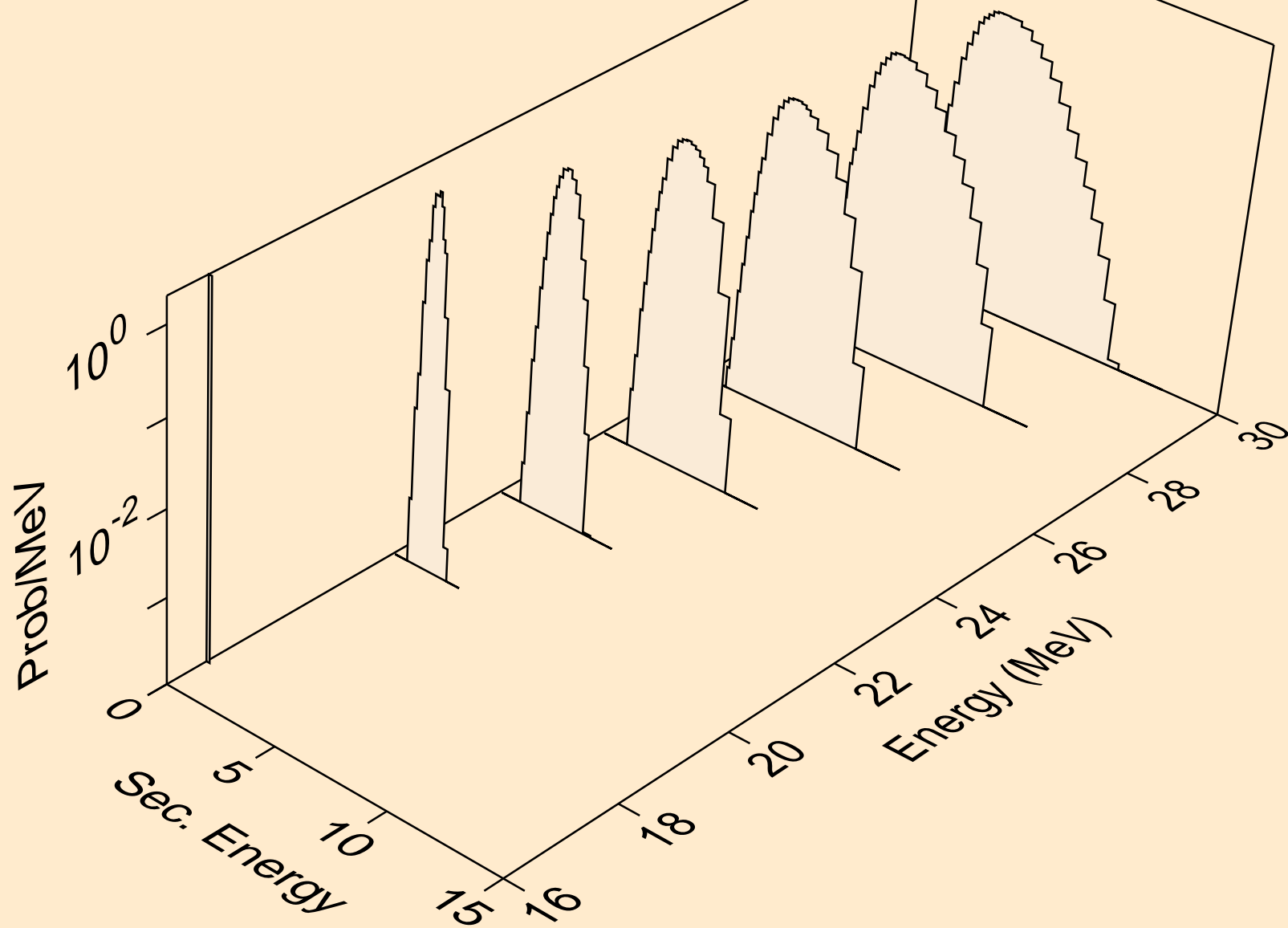
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,n*)p



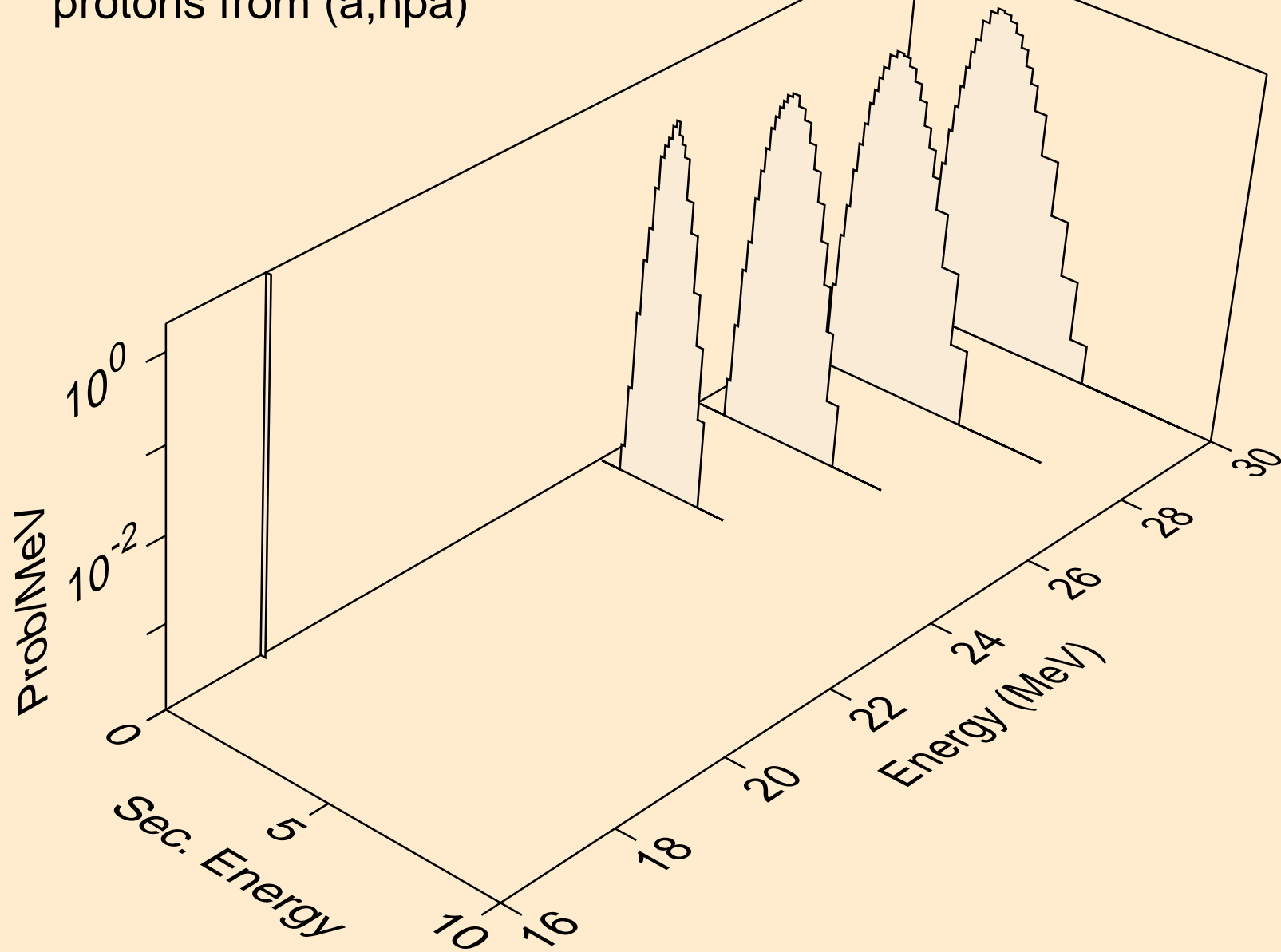
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,2np)



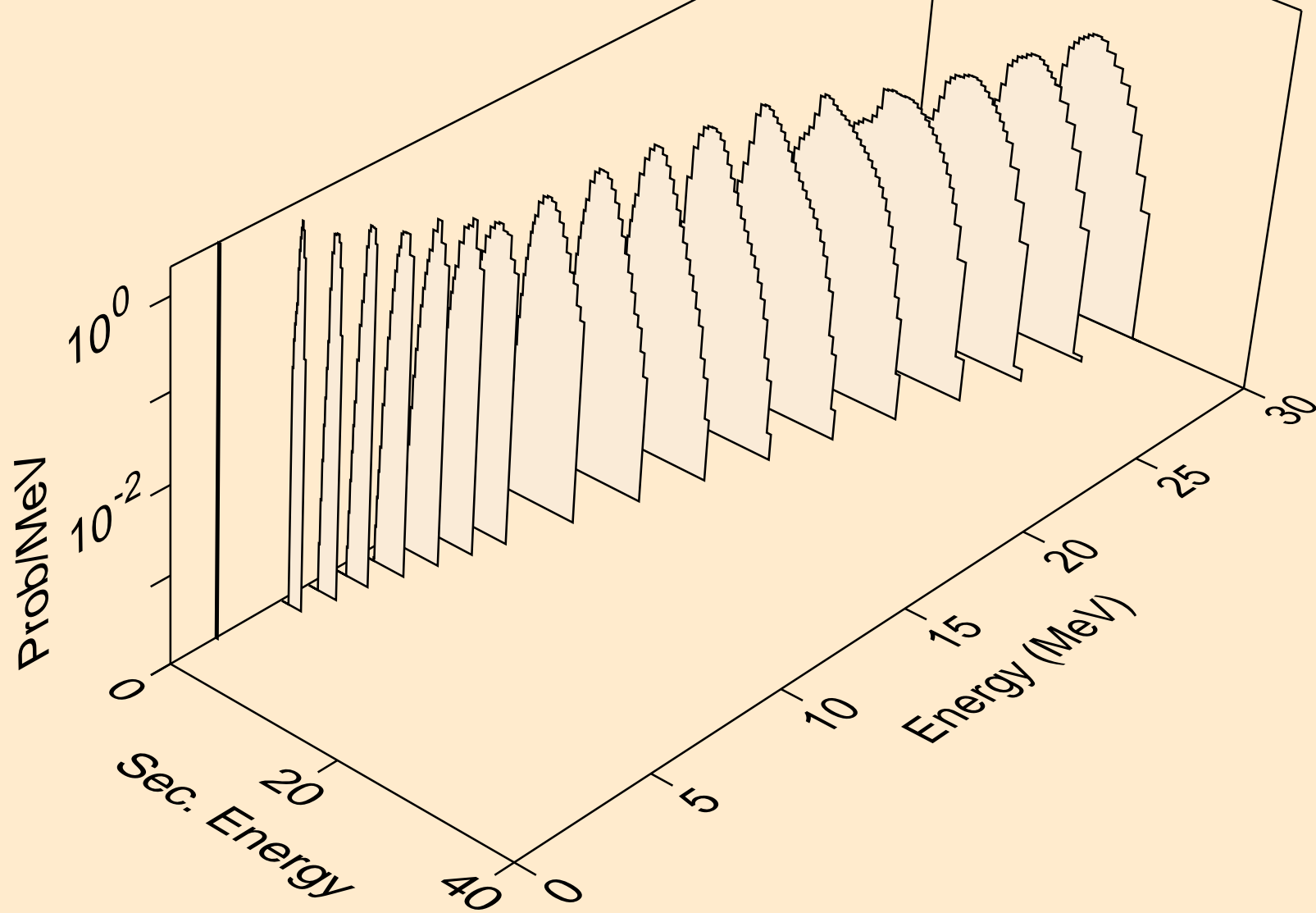
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,2np)



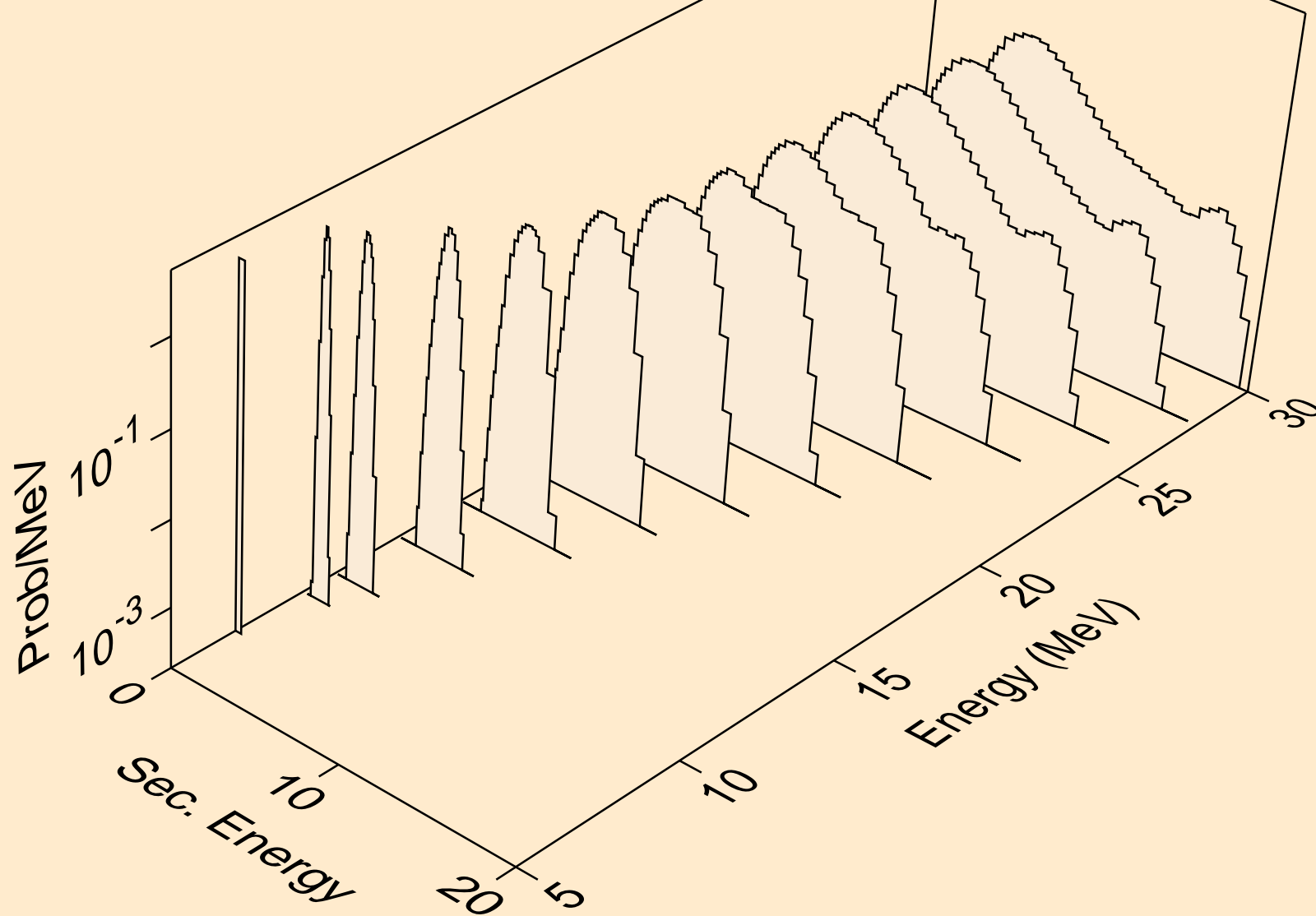
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,npa)



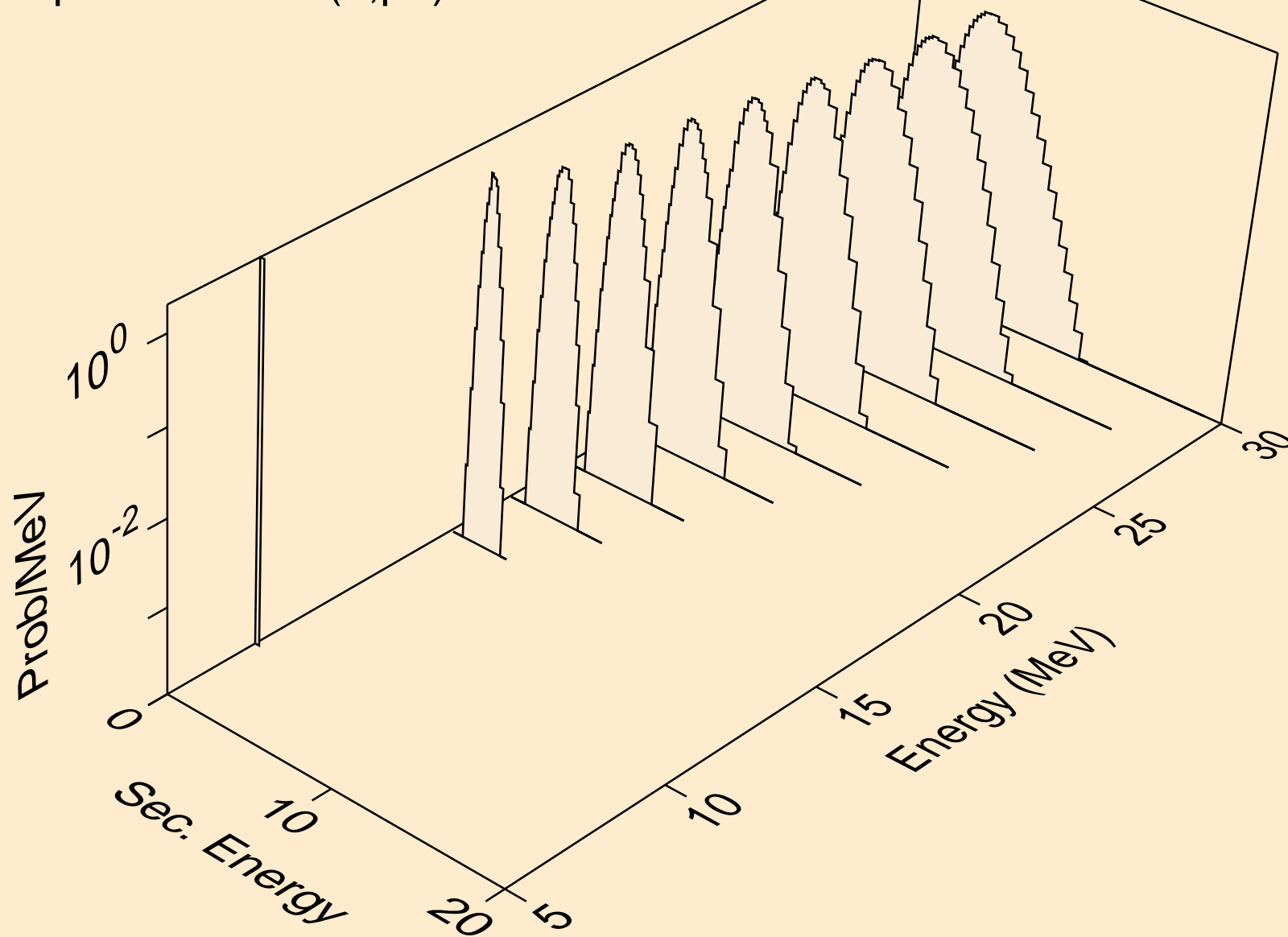
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,p)



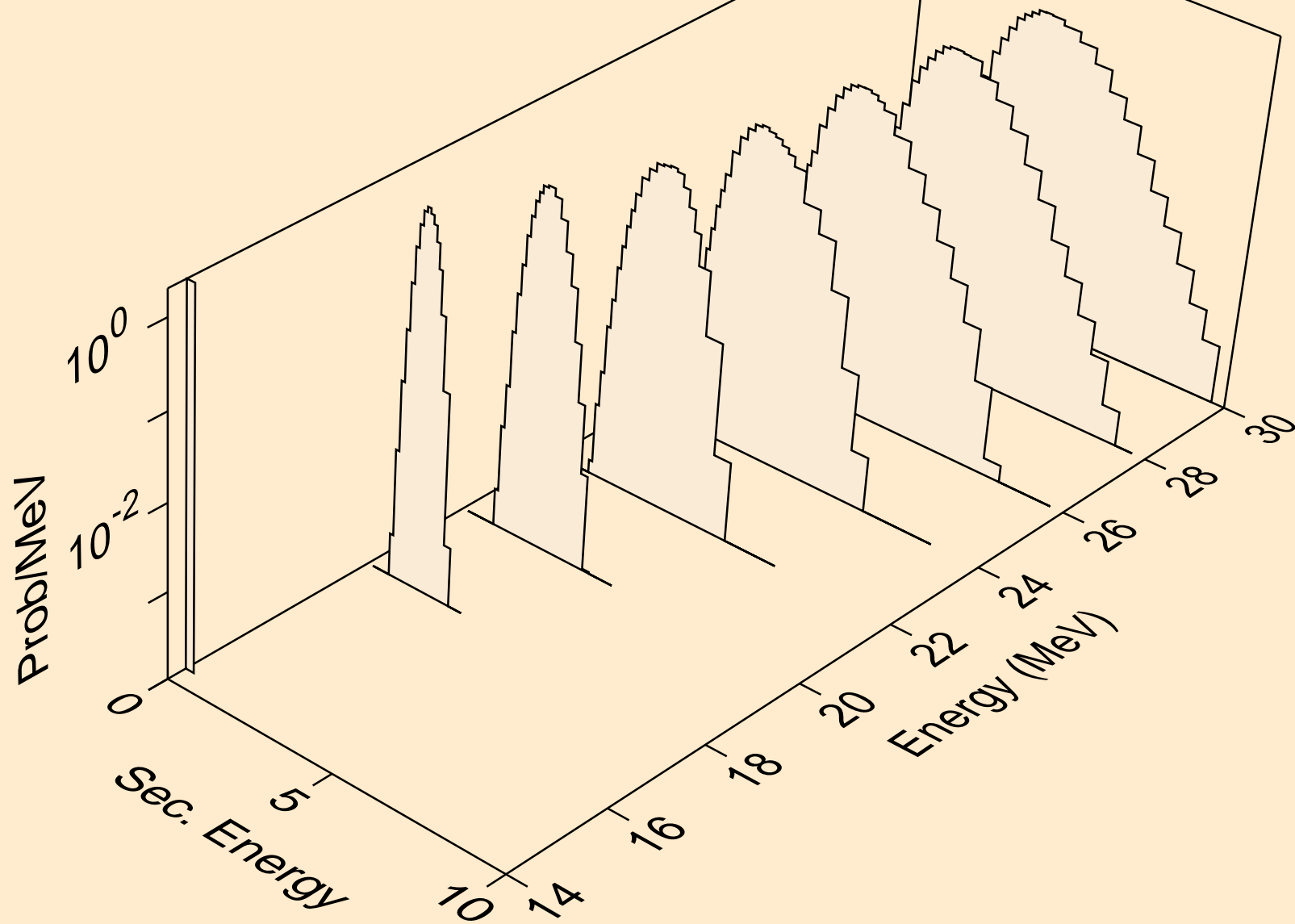
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,2p)



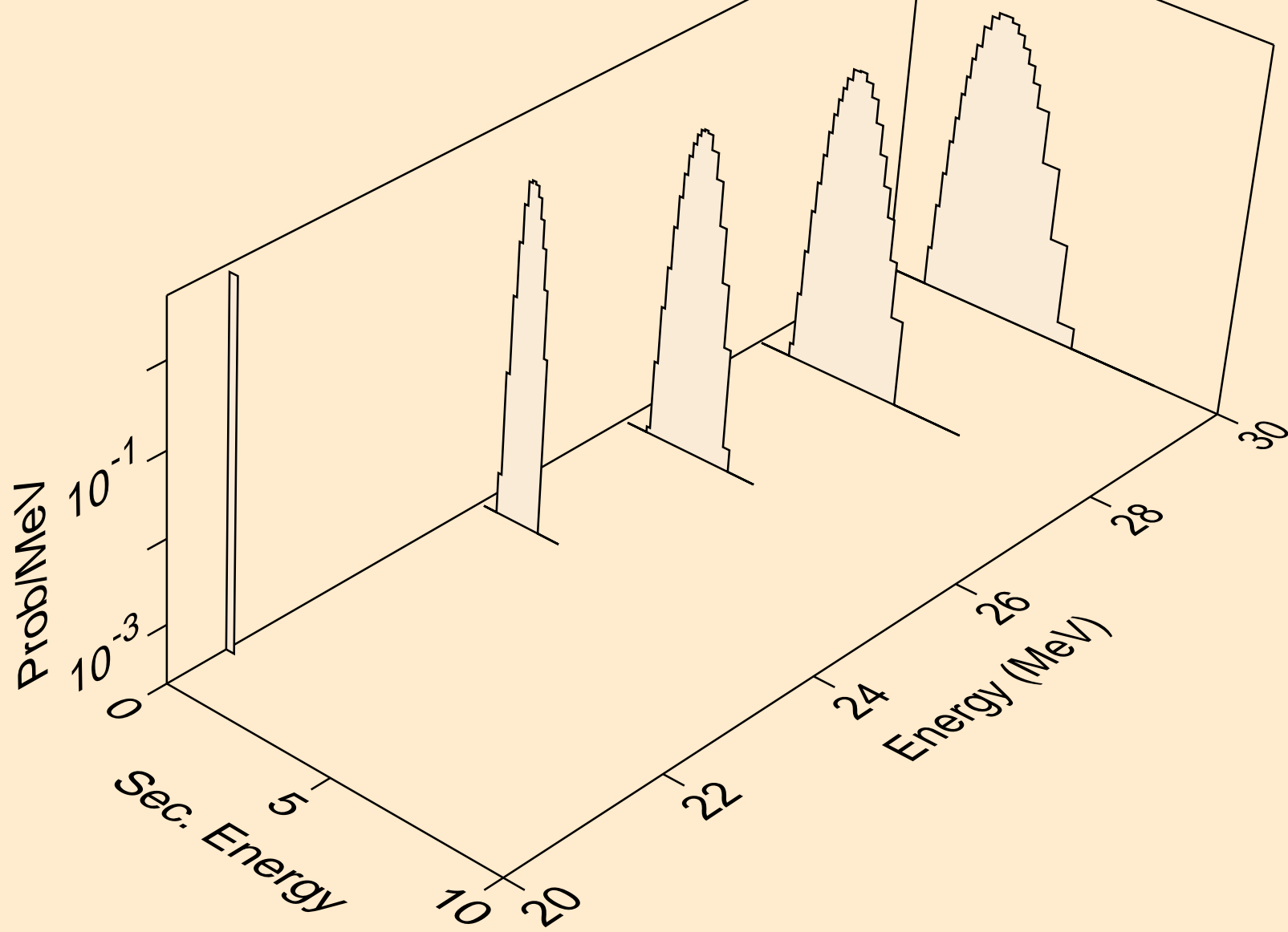
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,pa)



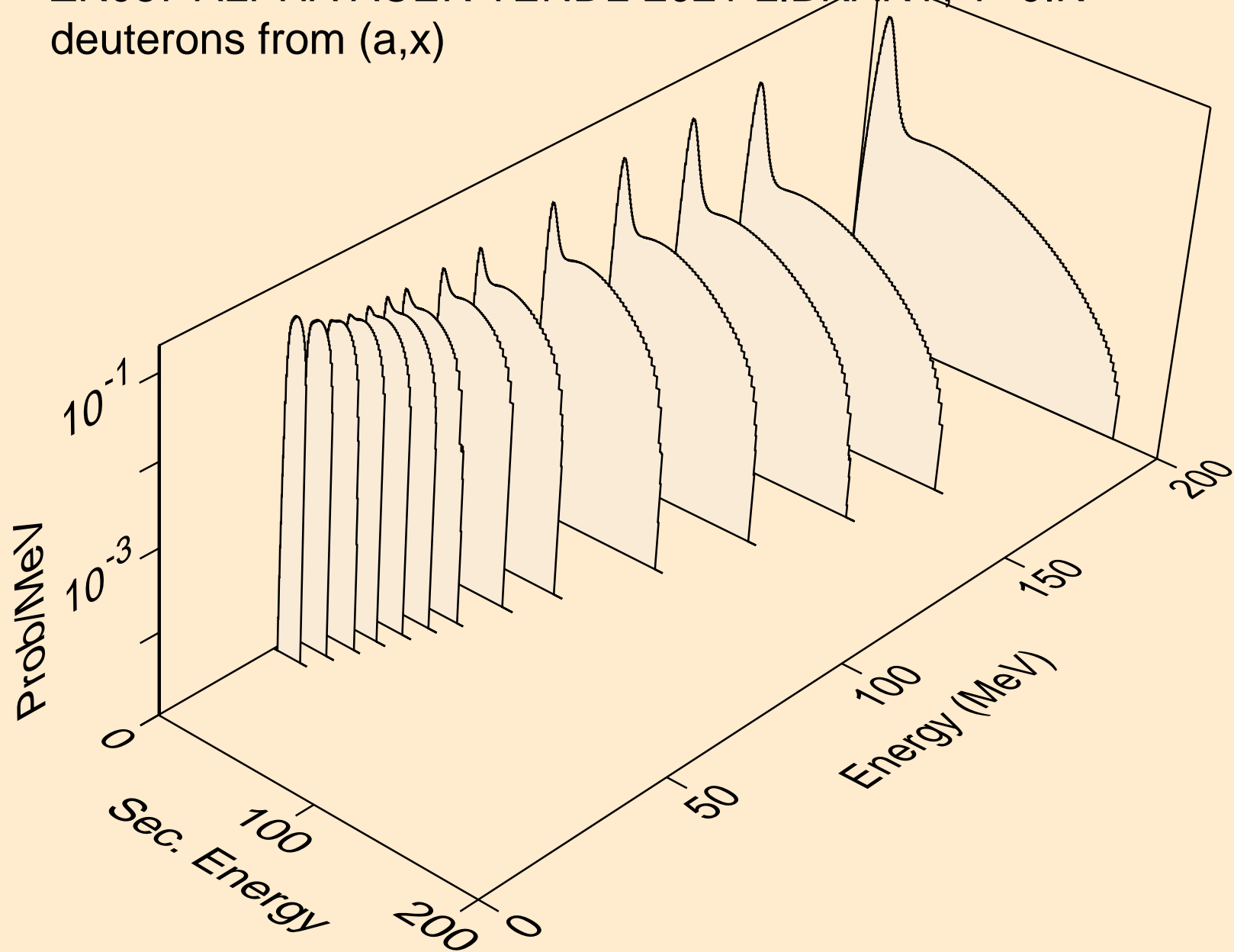
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,pd)



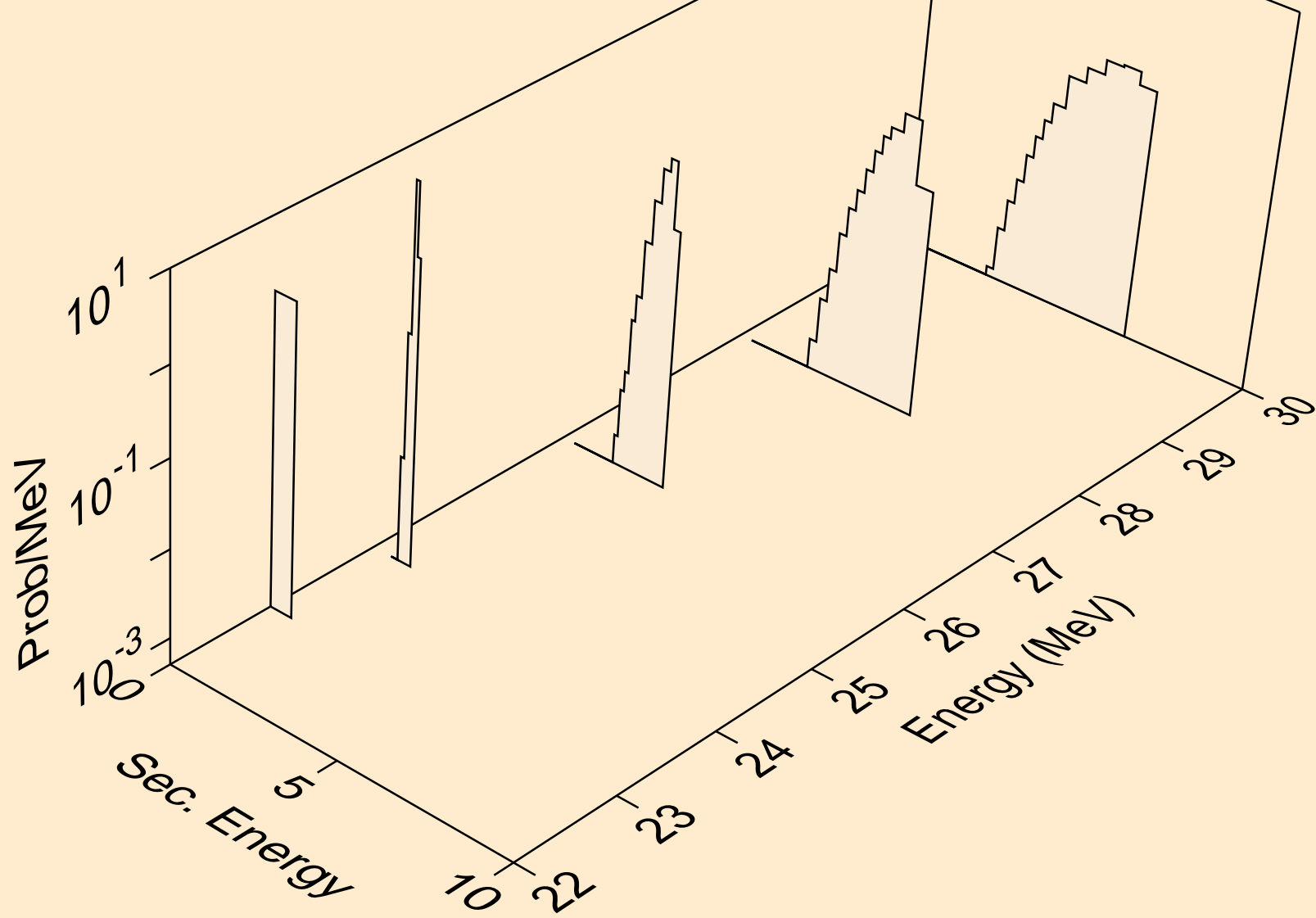
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,pt)



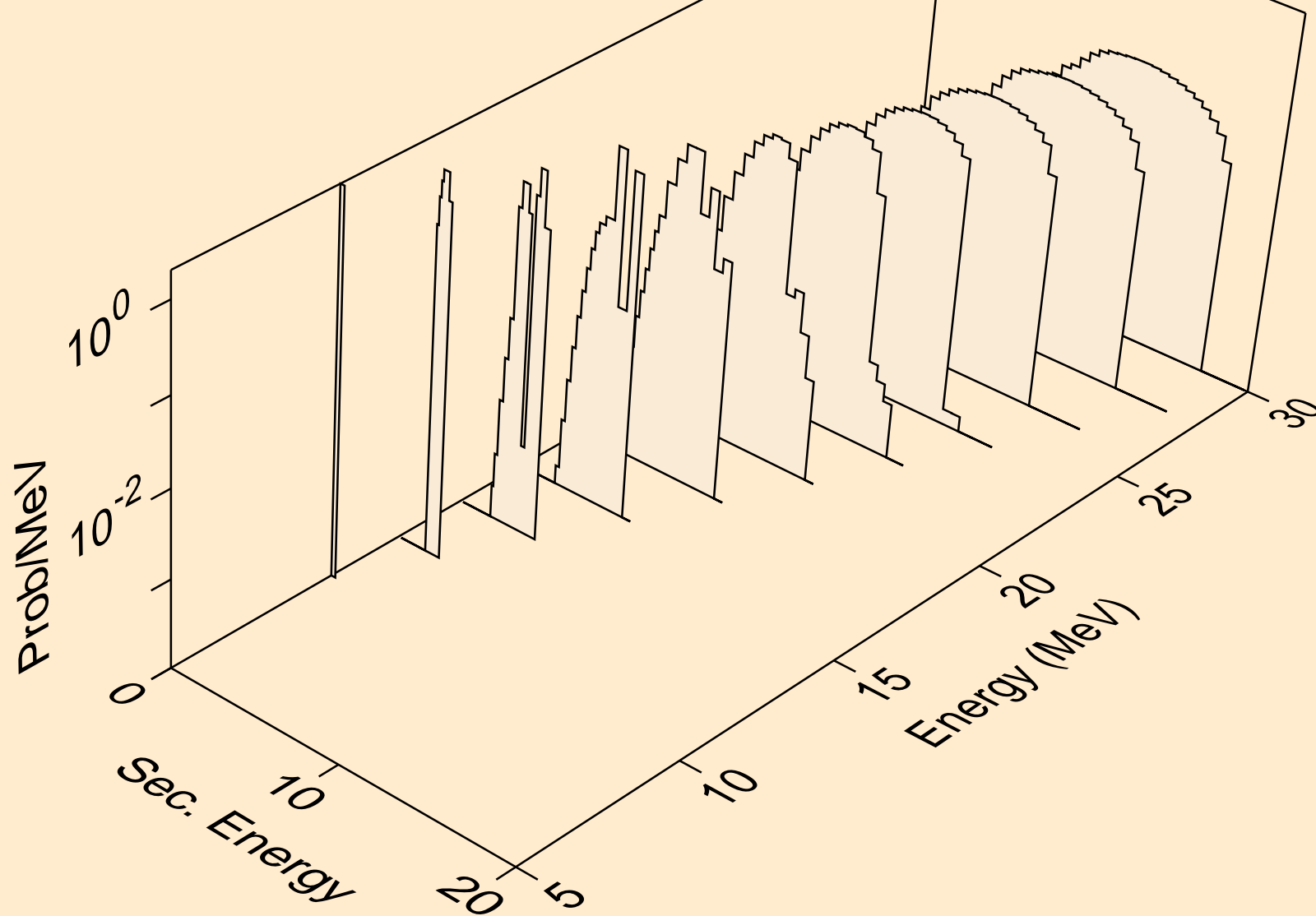
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,x)



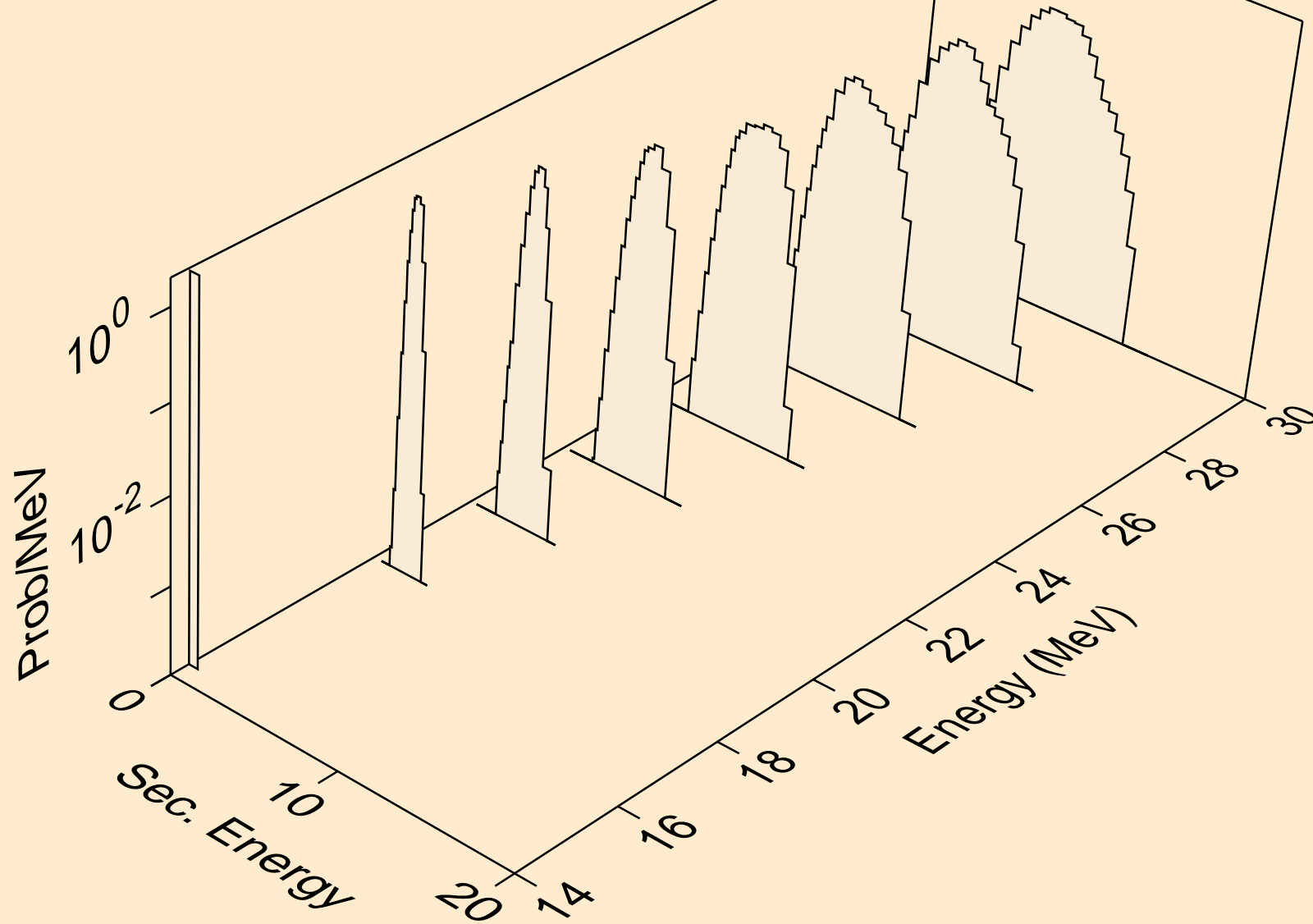
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,n*)d



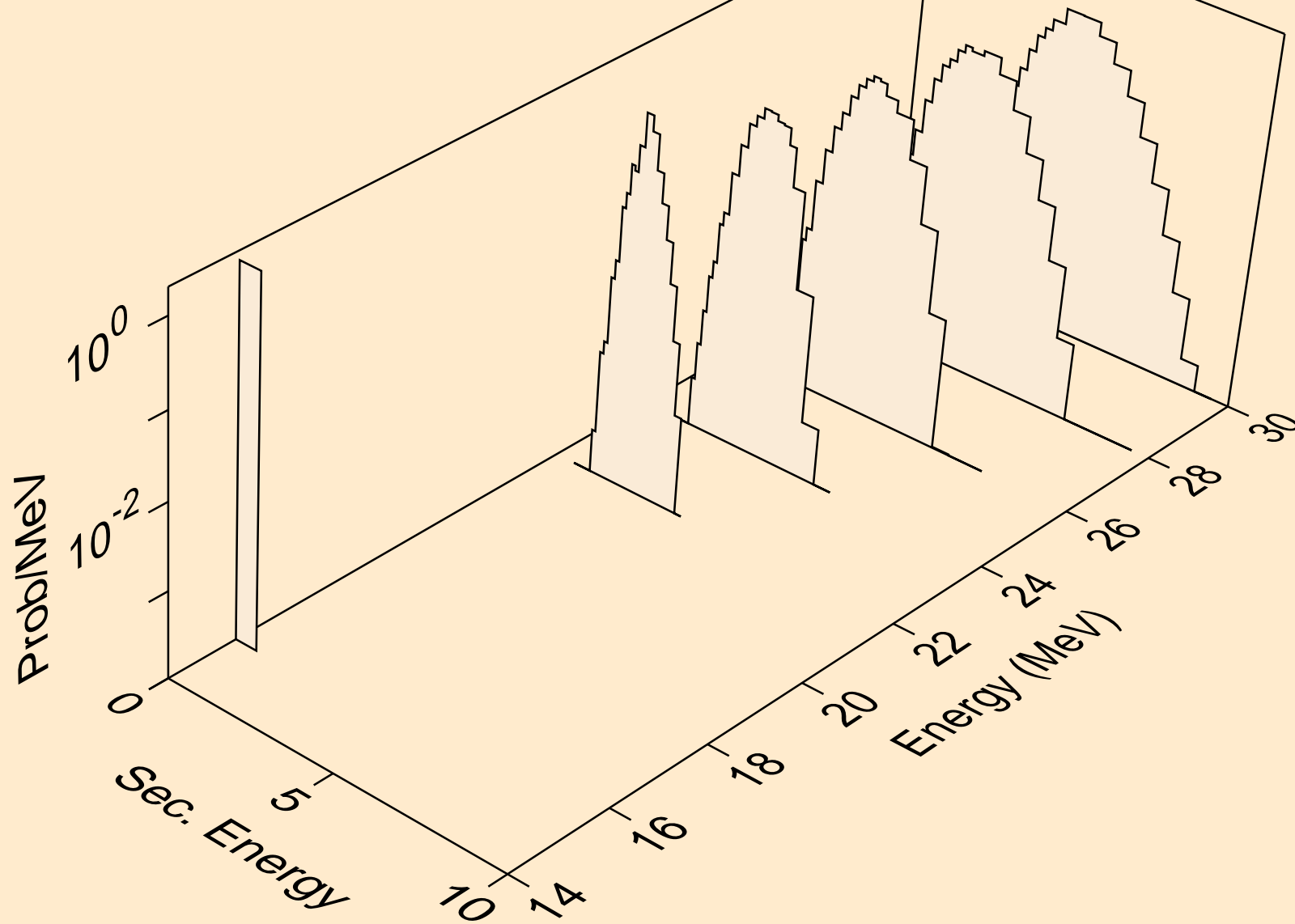
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,d)



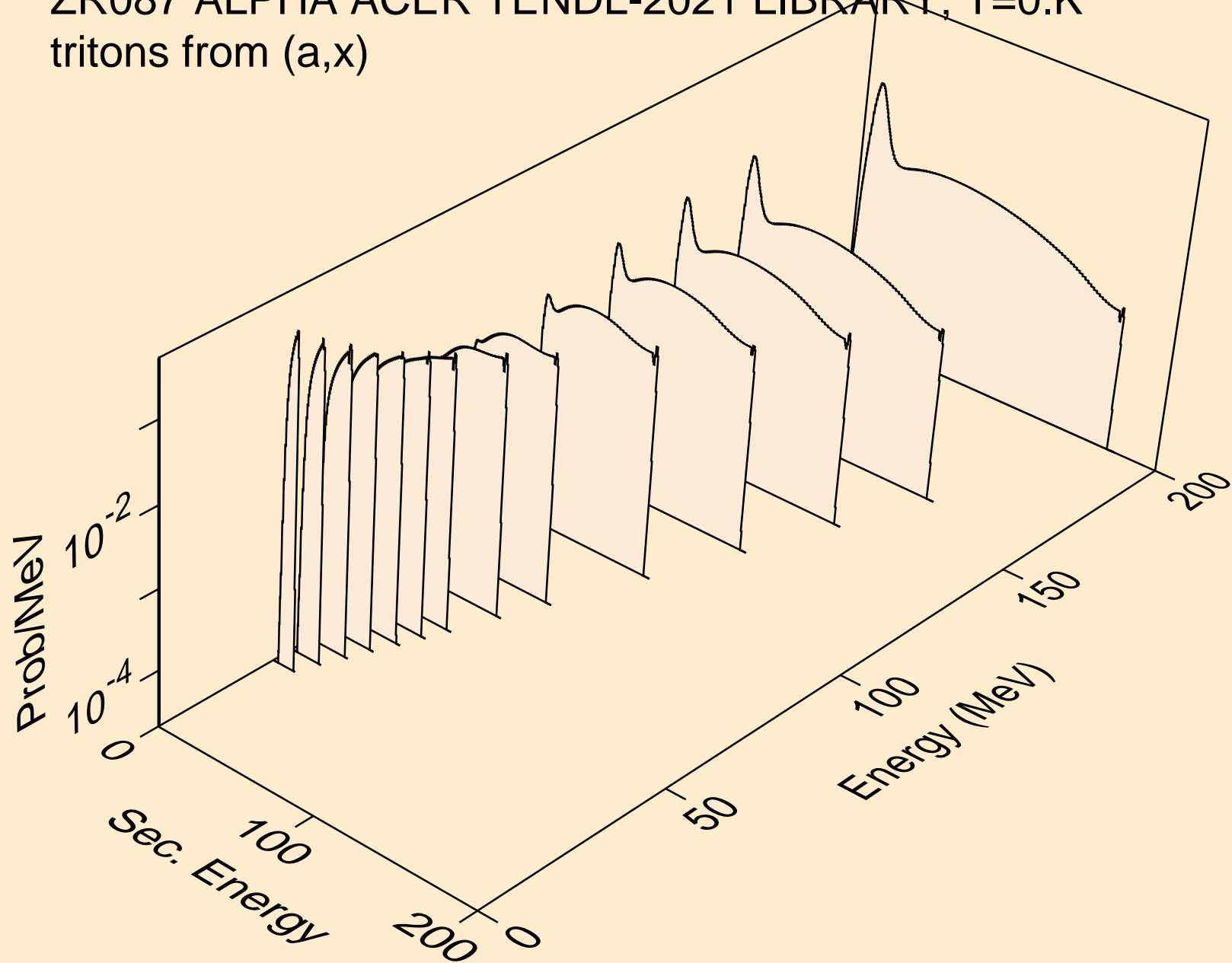
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,pd)



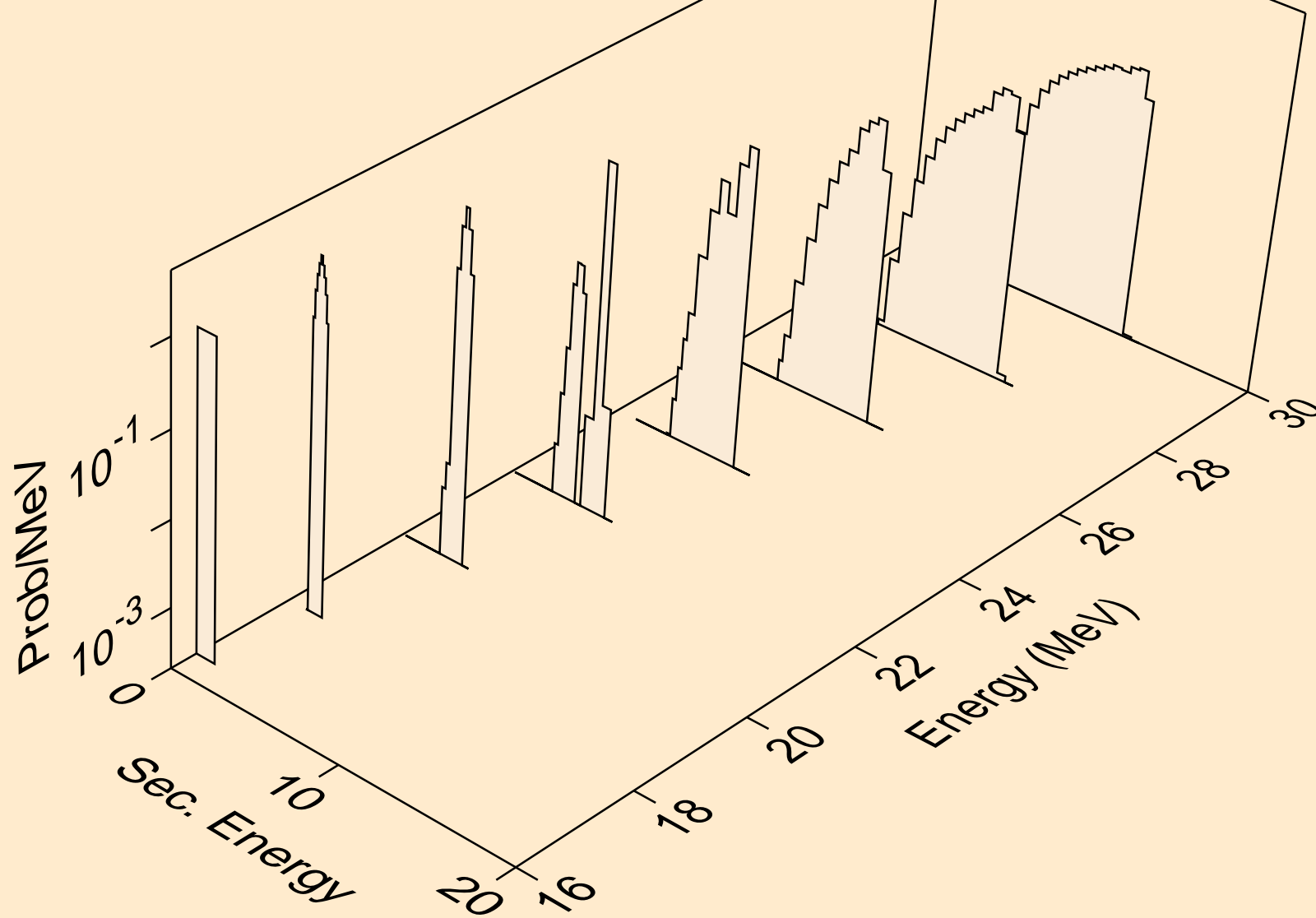
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,da)



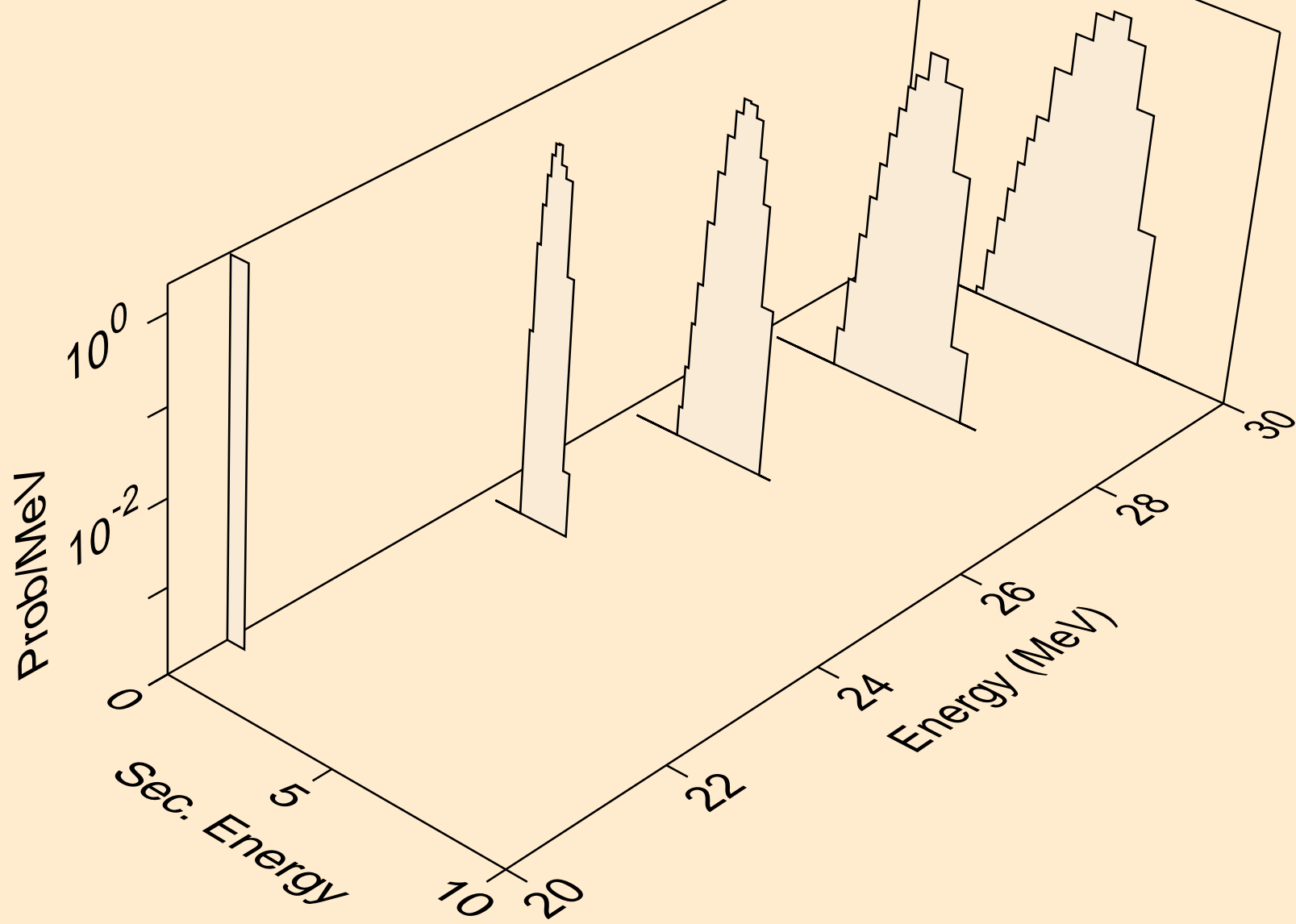
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,x)



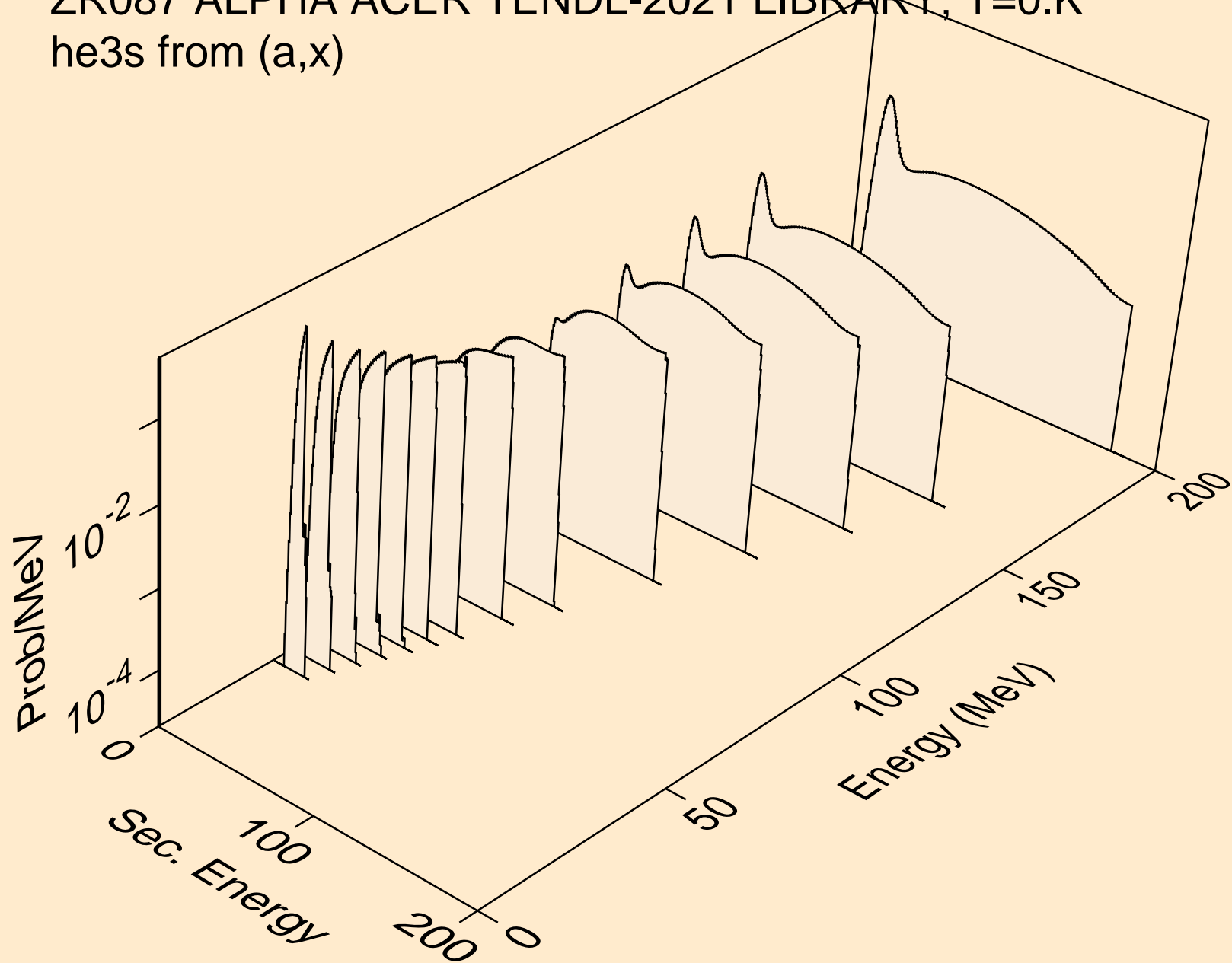
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,t)



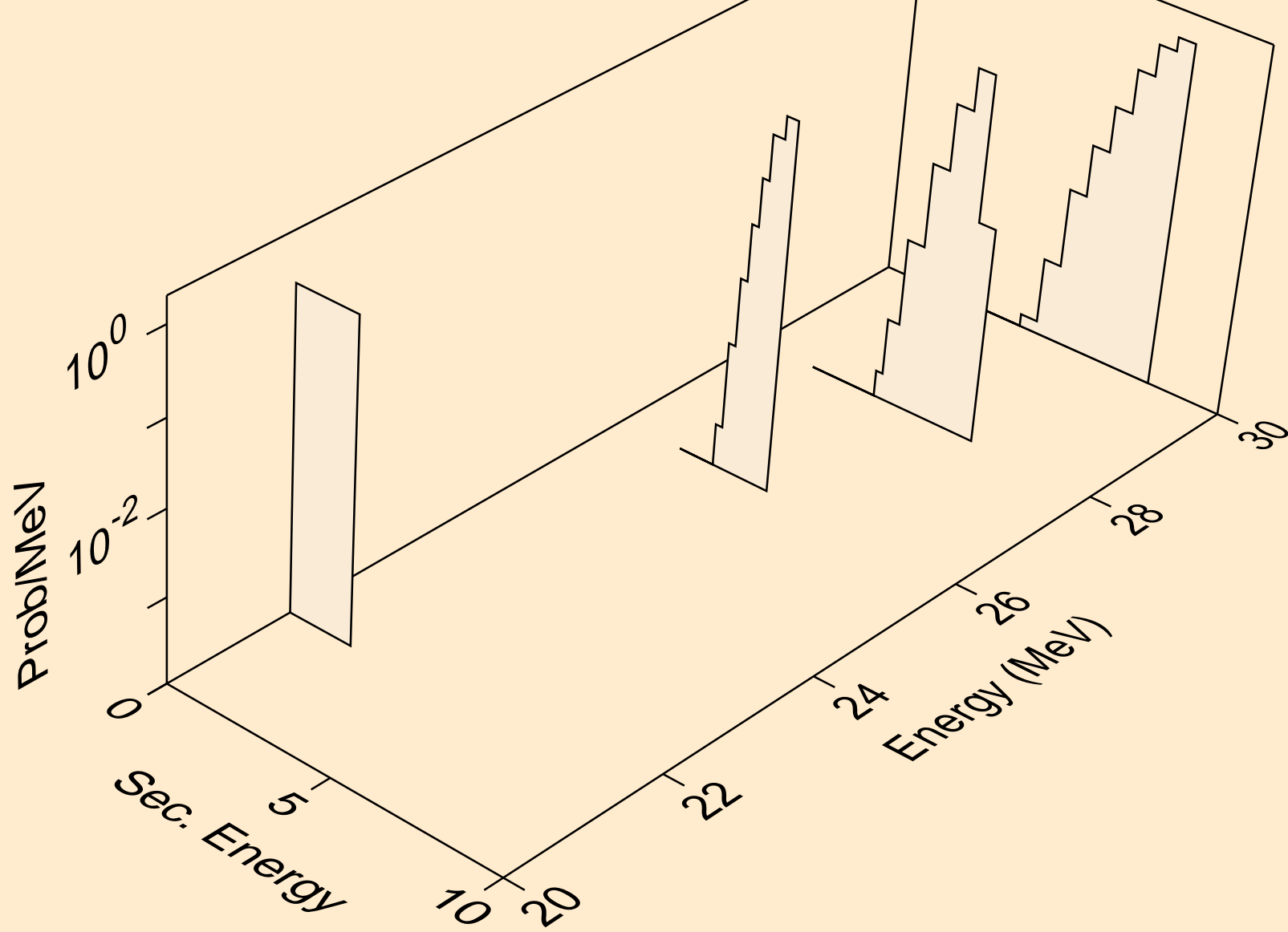
ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,pt)



ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,x)



ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,n*)he3



ZR087 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,he3)

