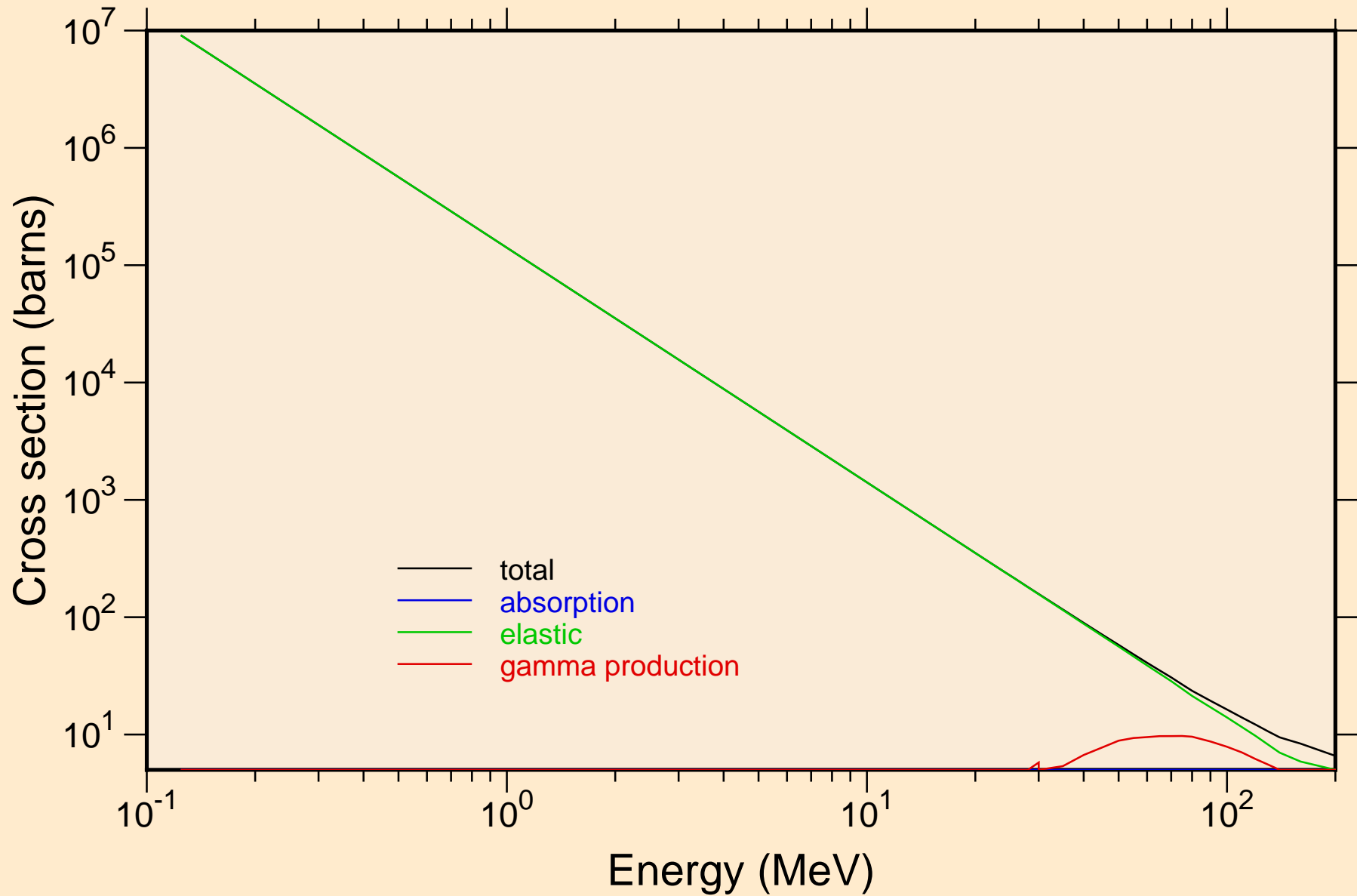


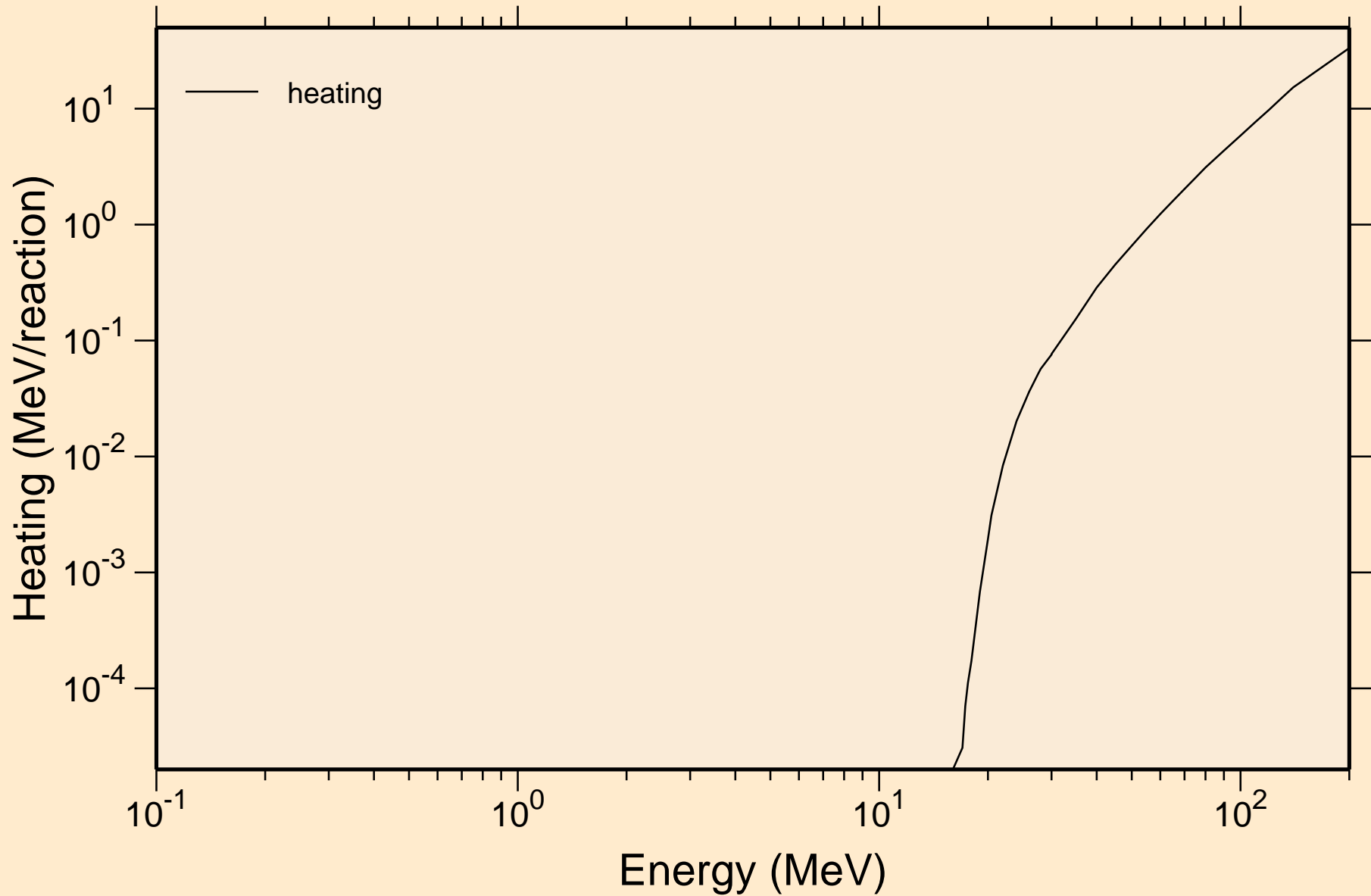
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



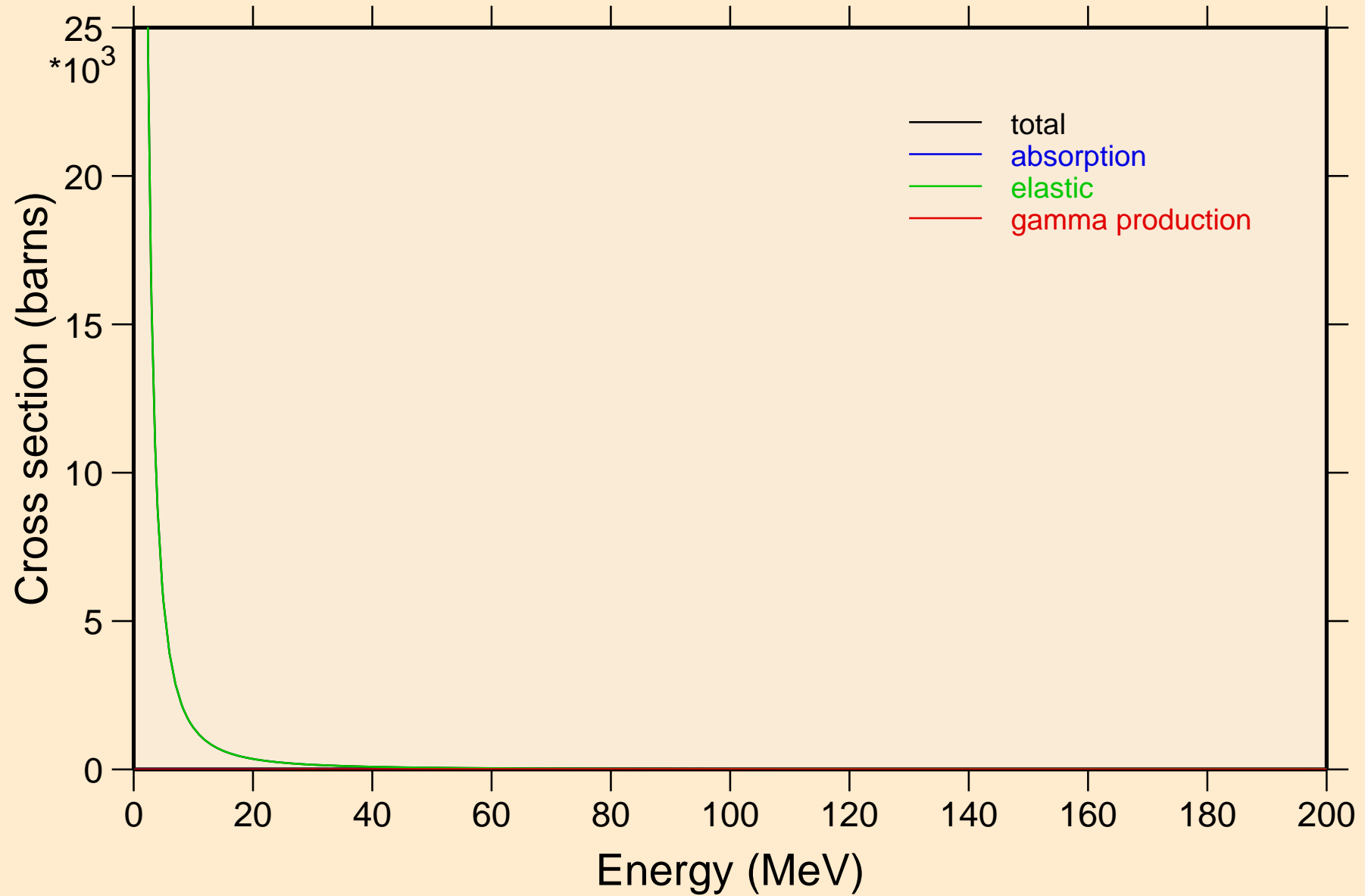
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



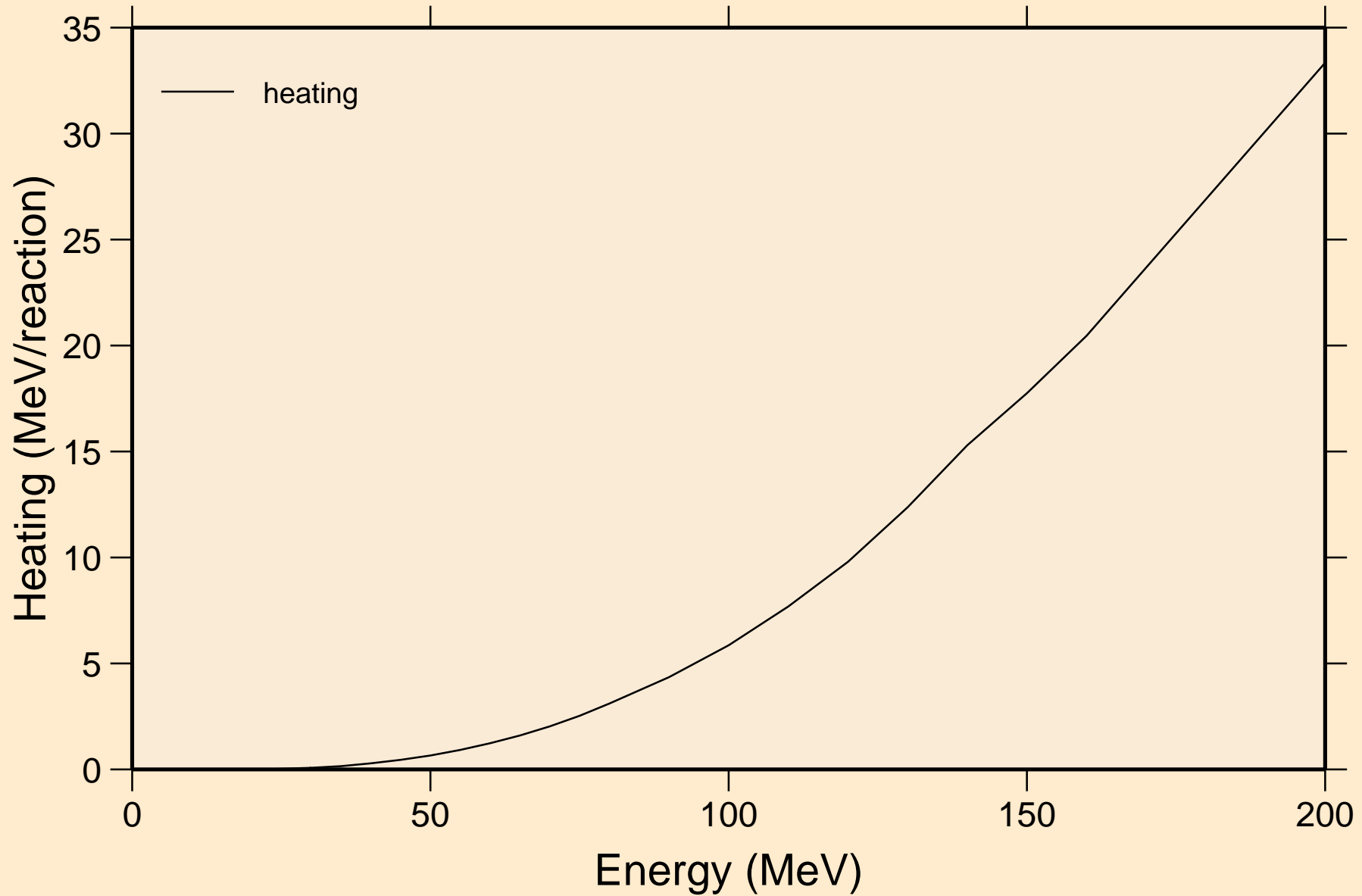
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

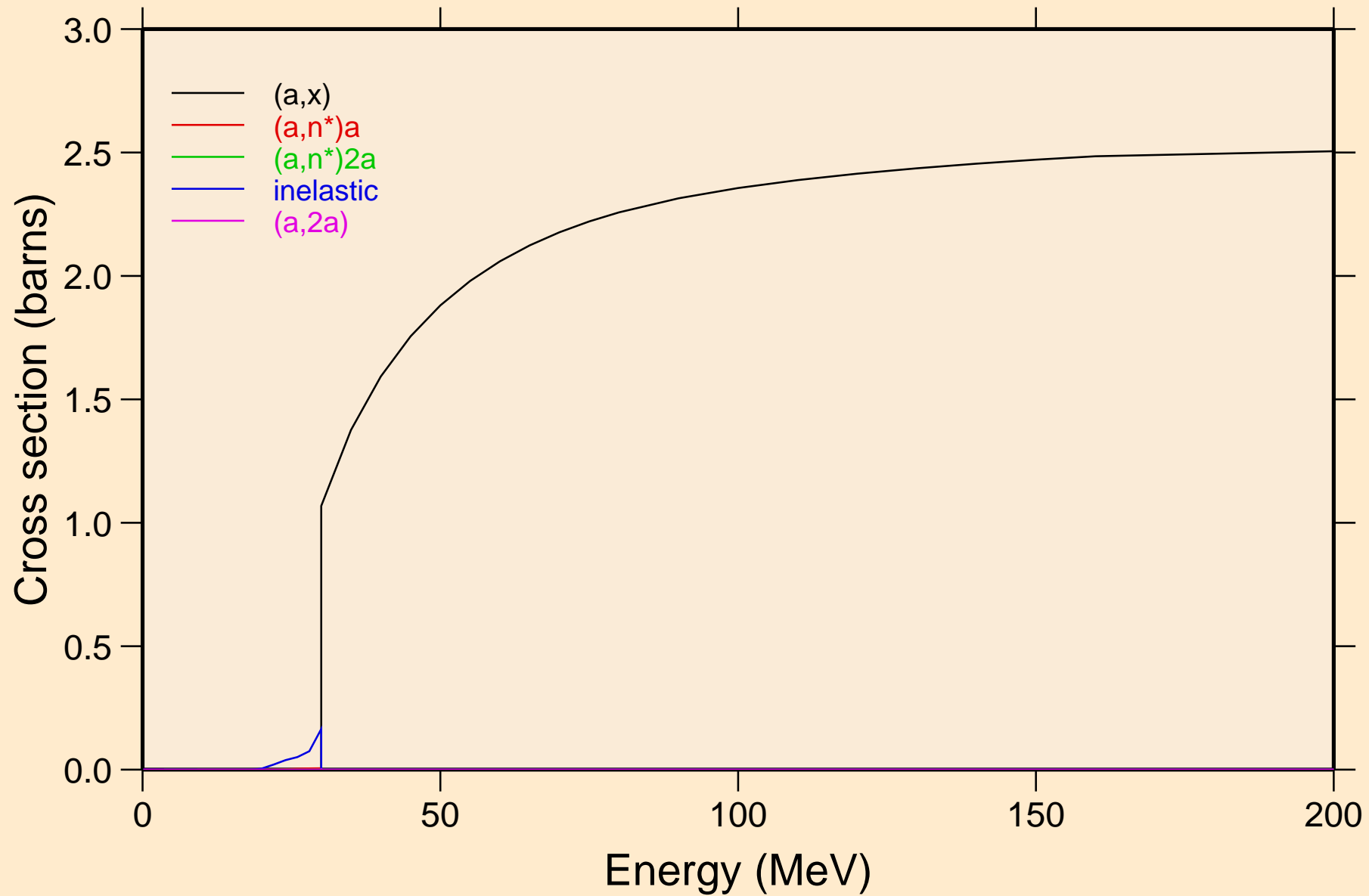


W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

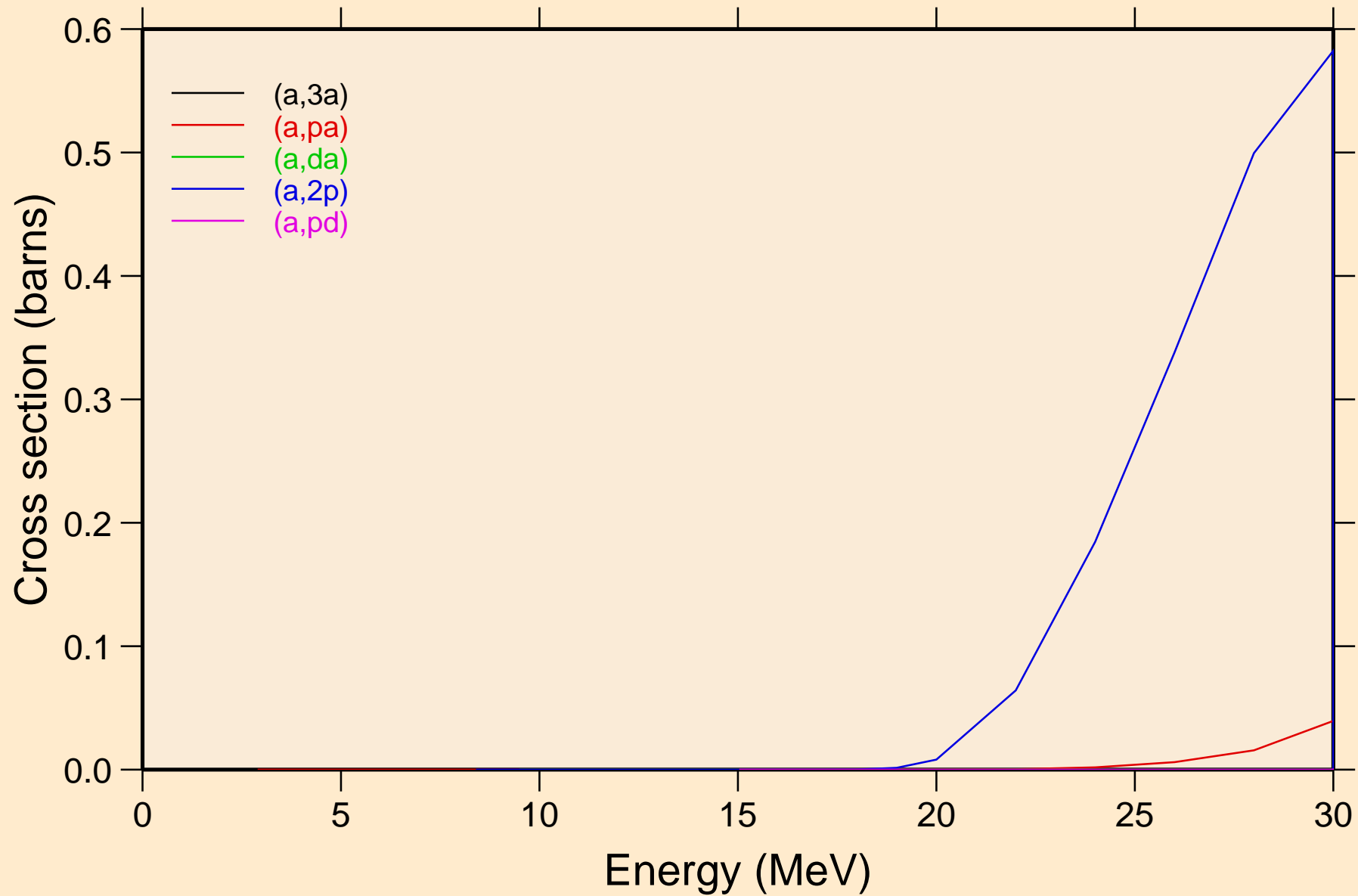
Heating



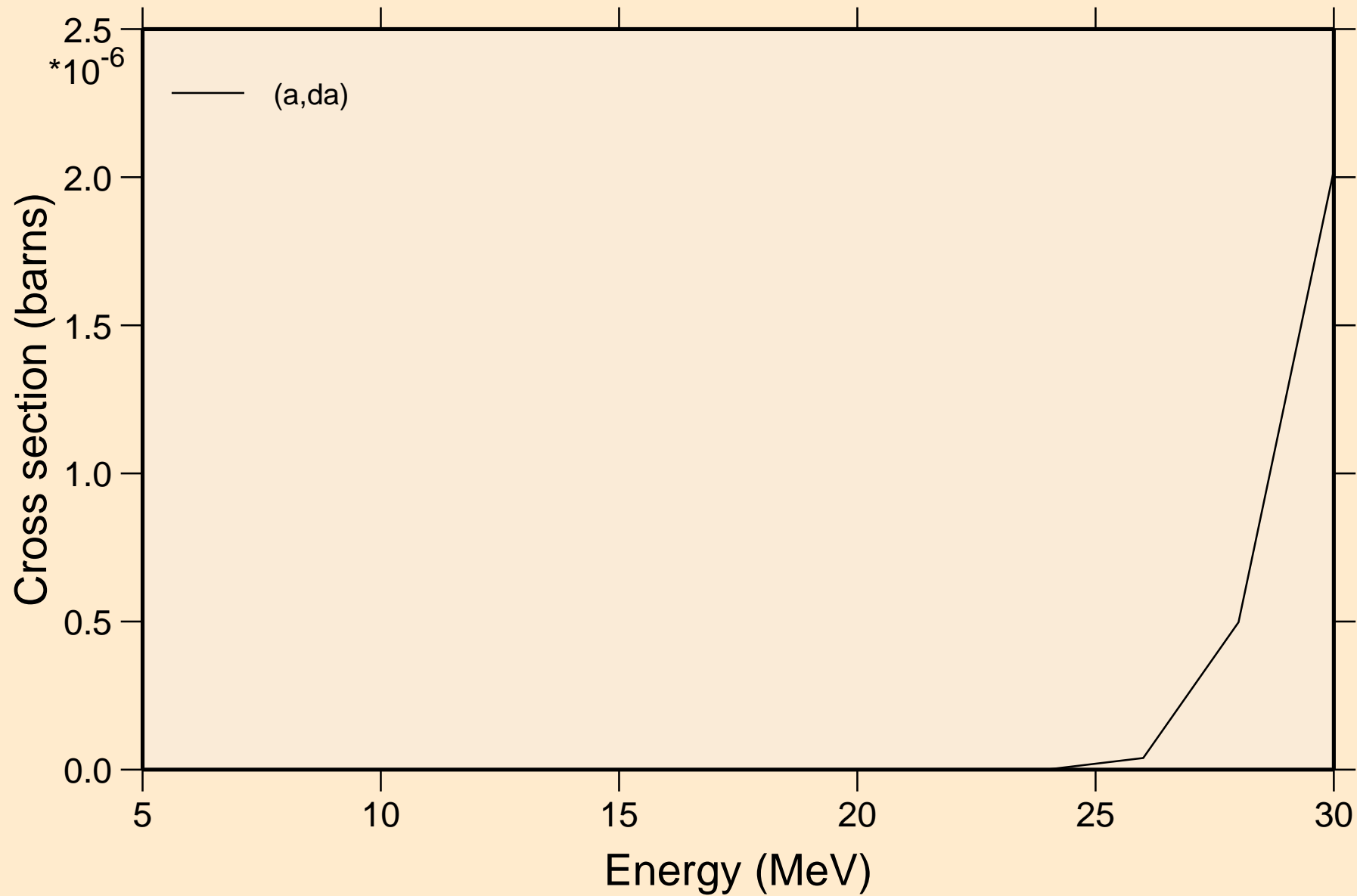
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



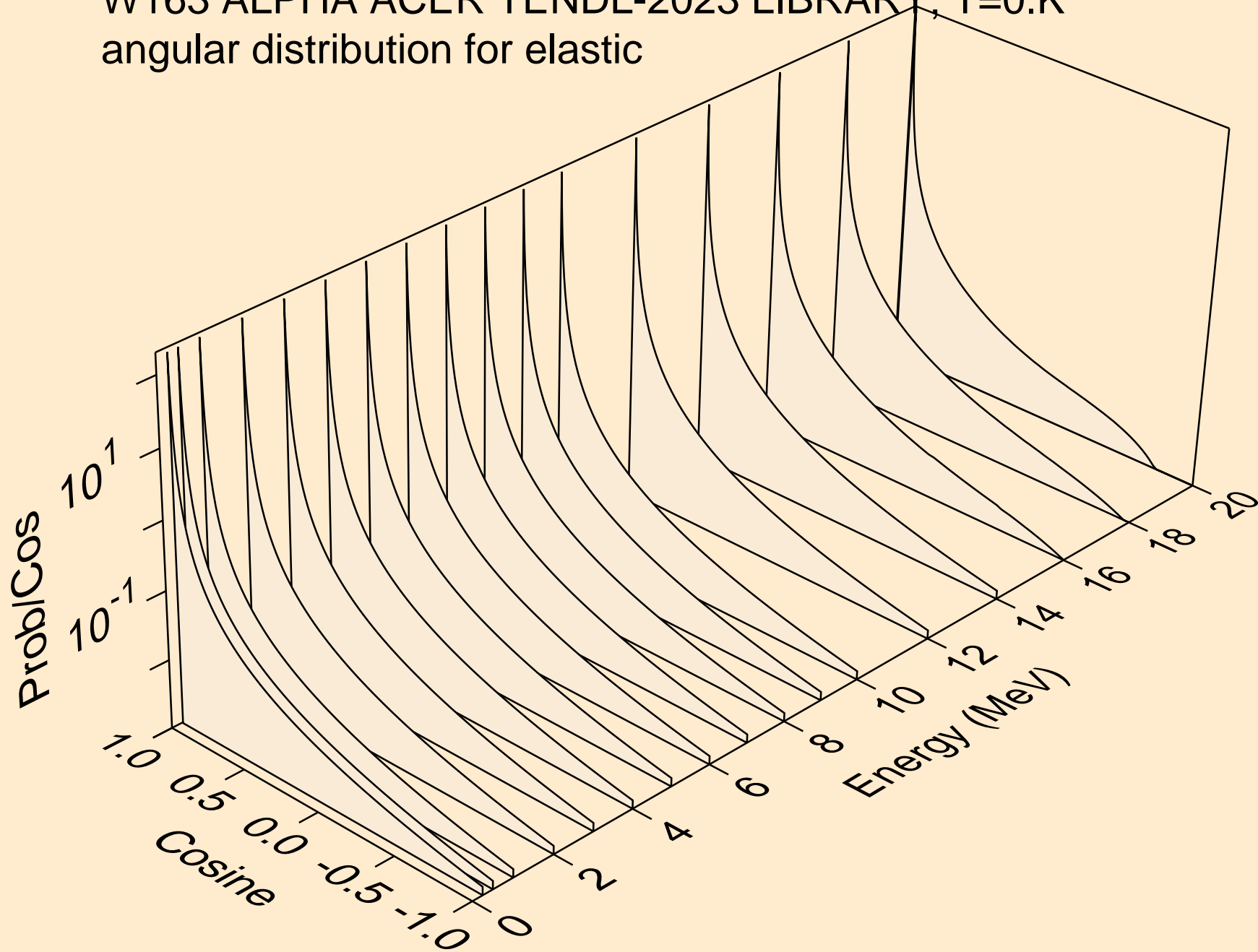
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



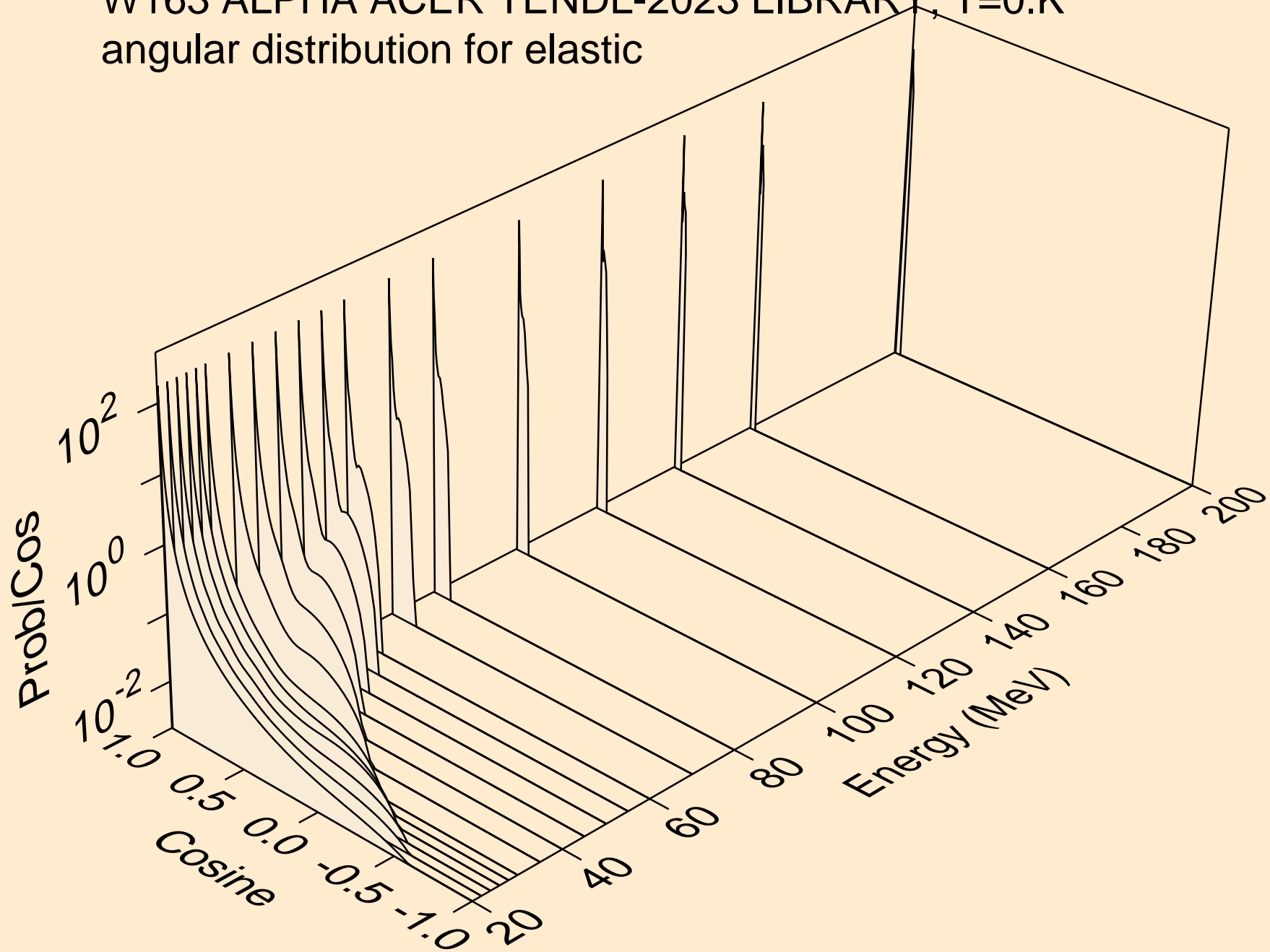
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



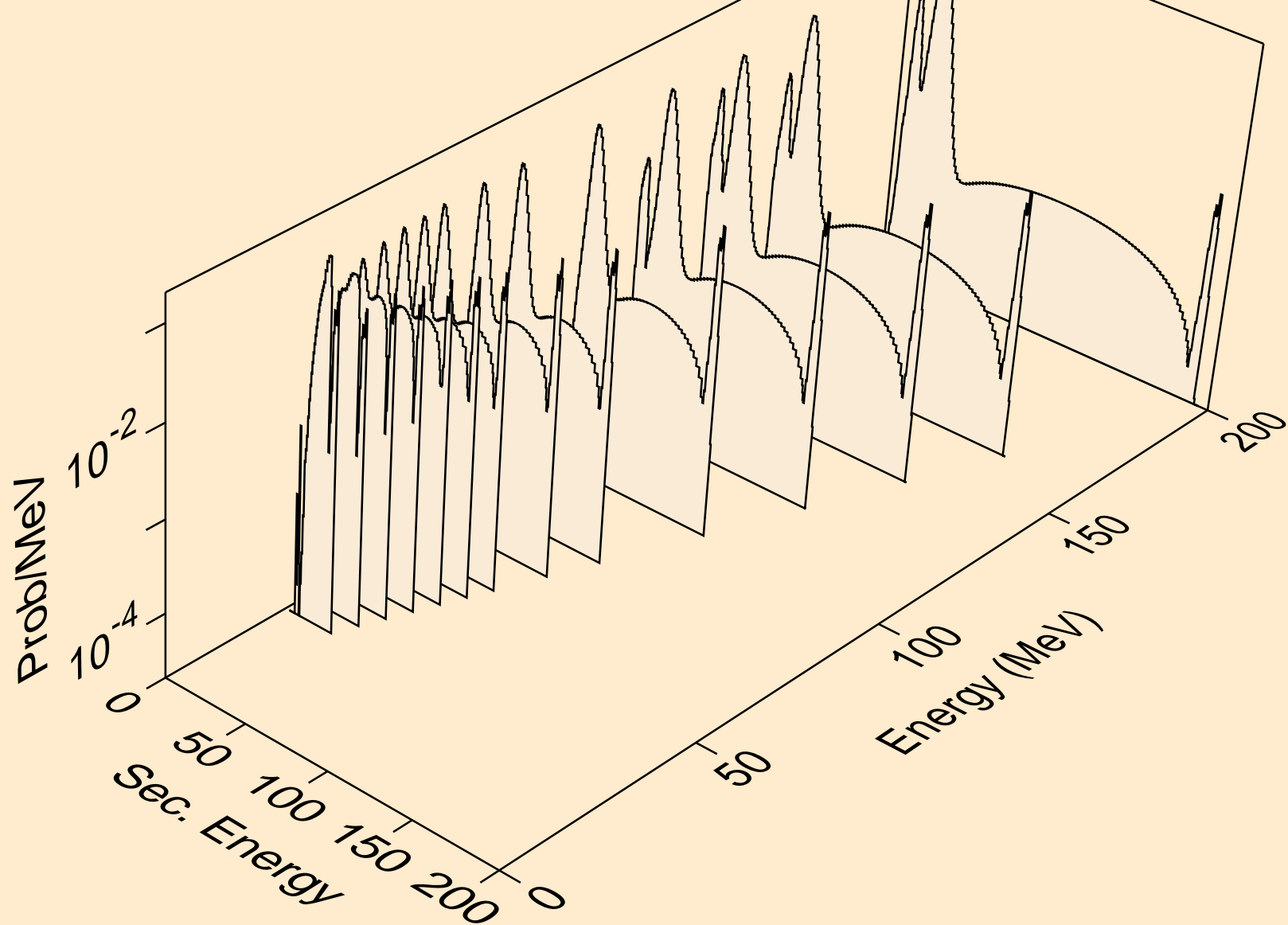
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



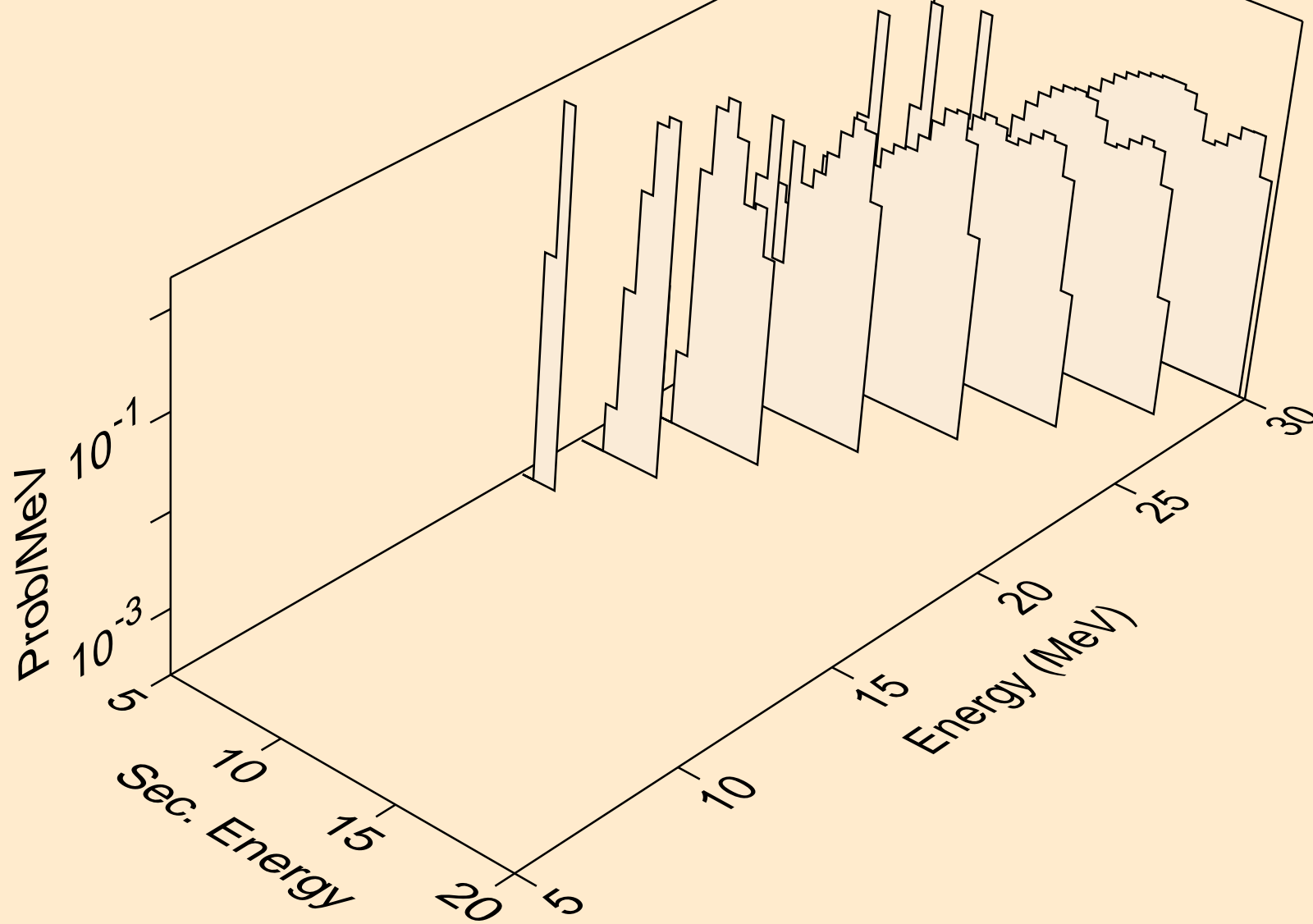
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



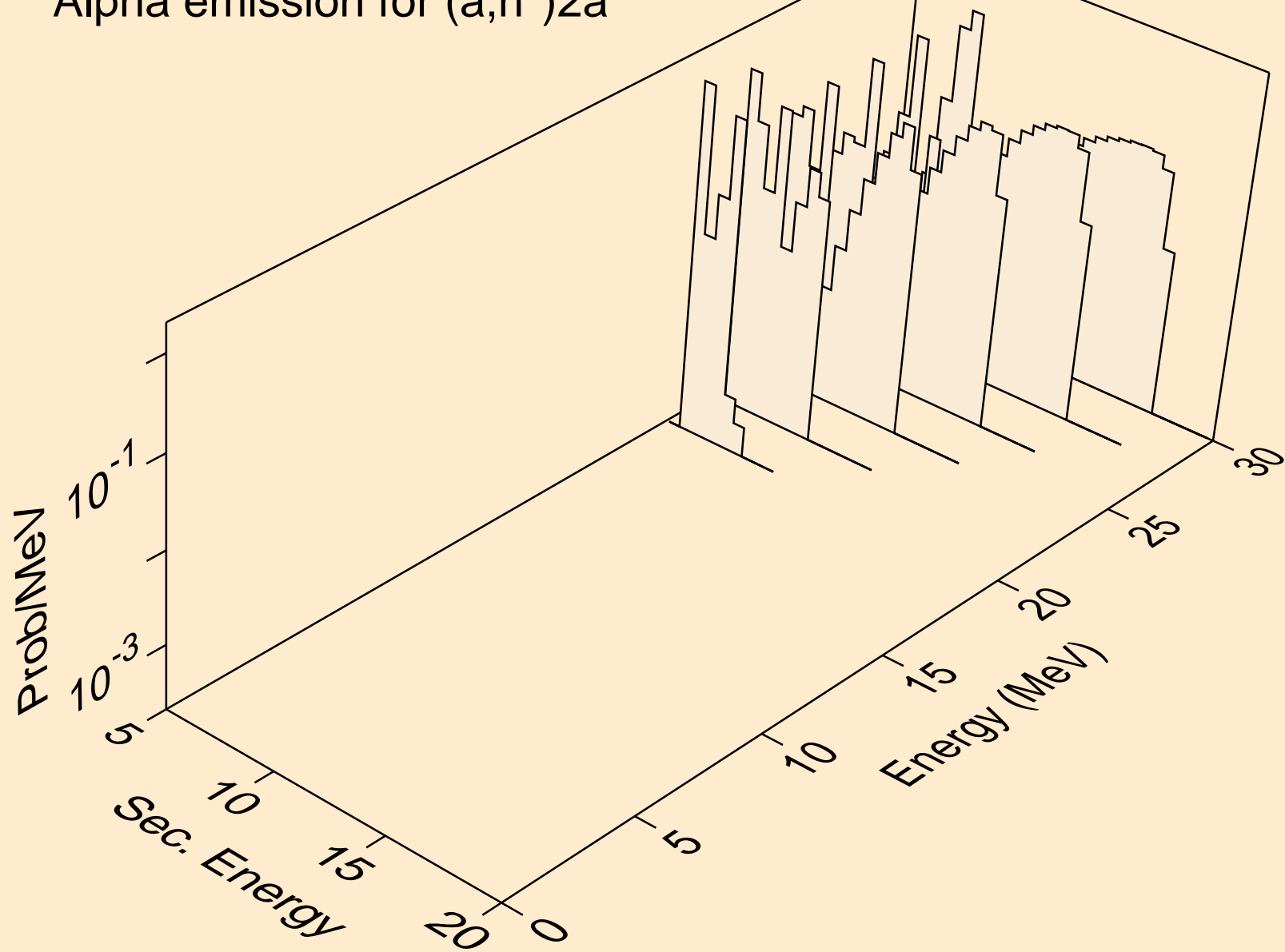
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,x)



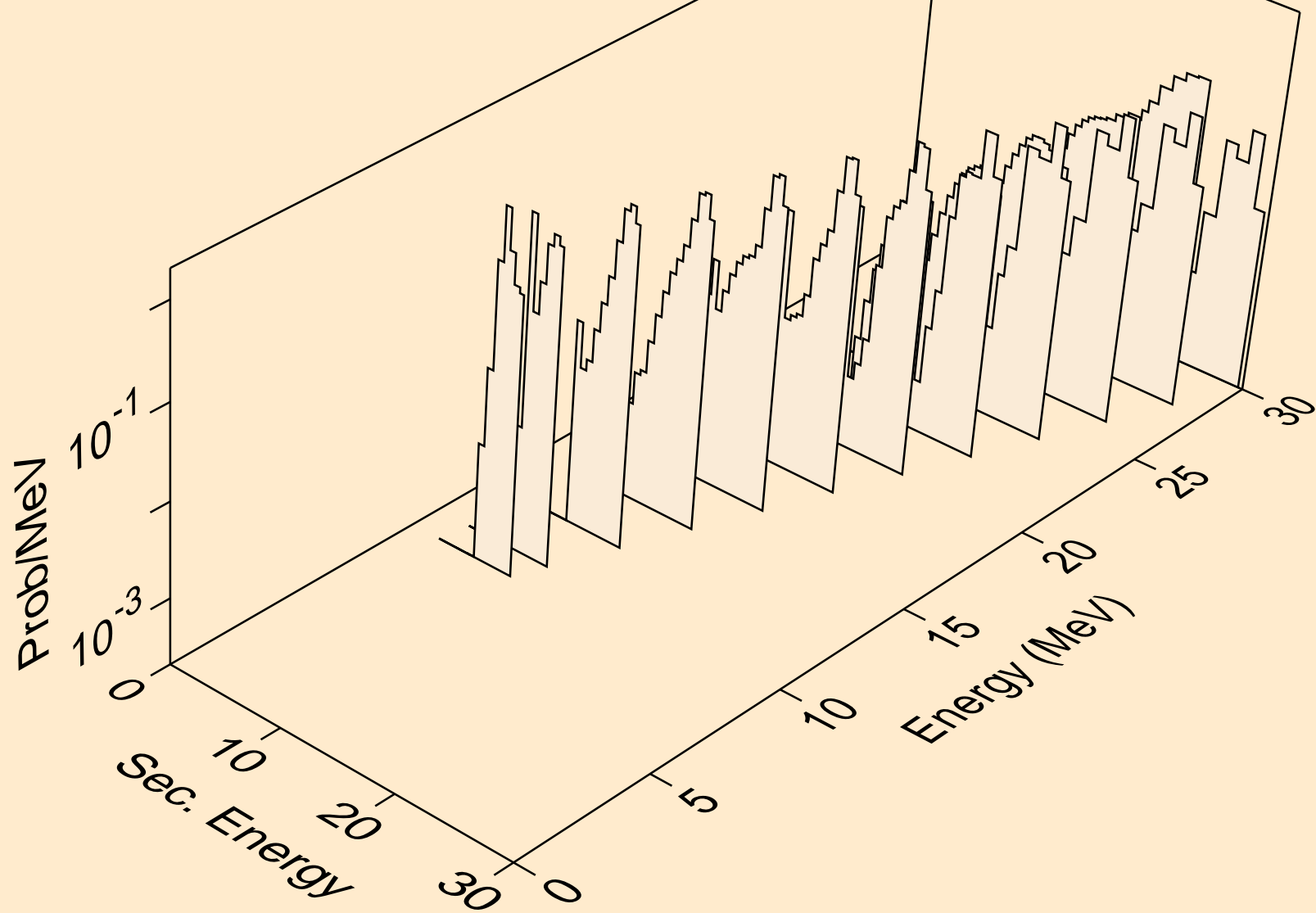
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,n*)a



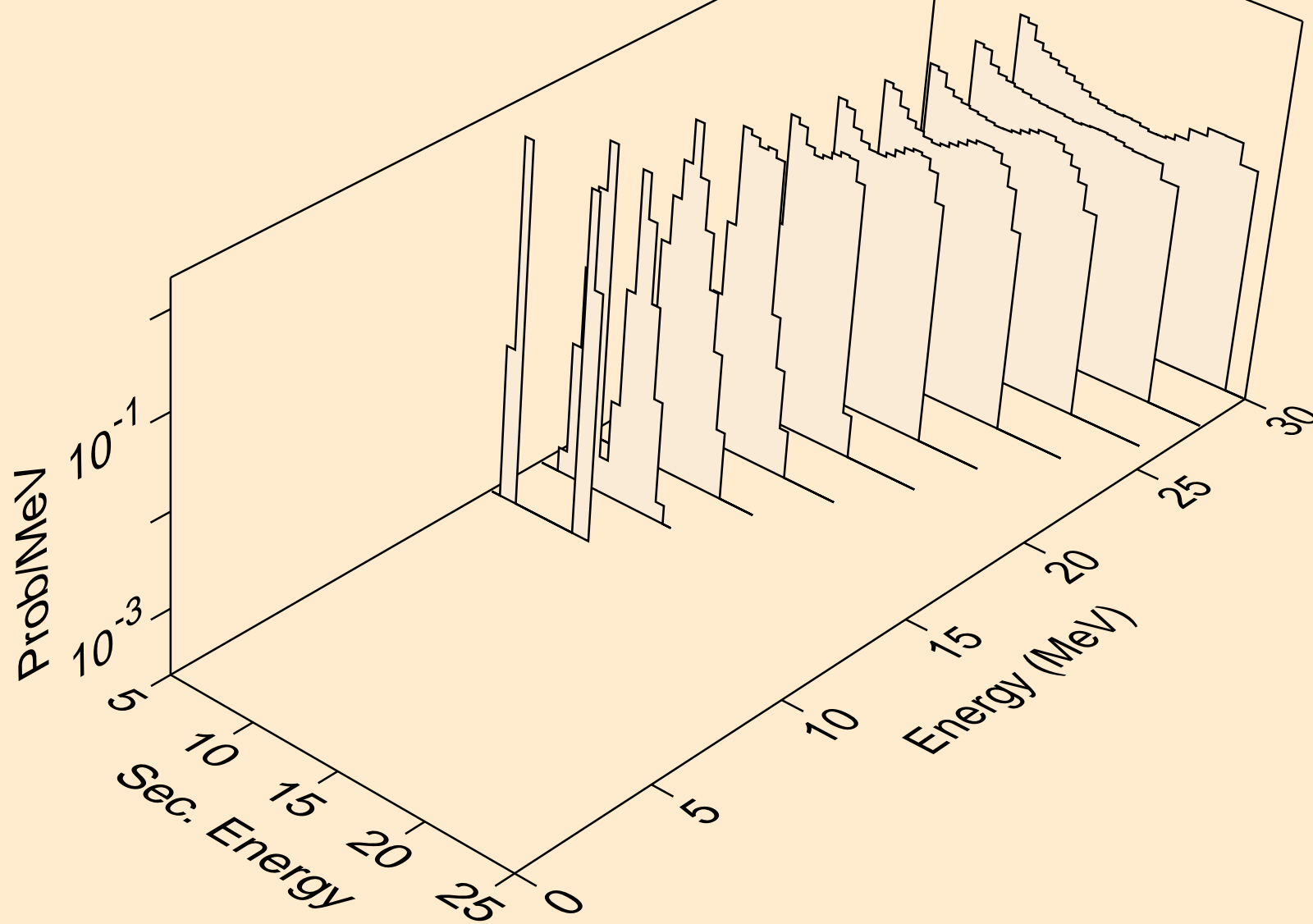
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,n*)2a



W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for inelastic

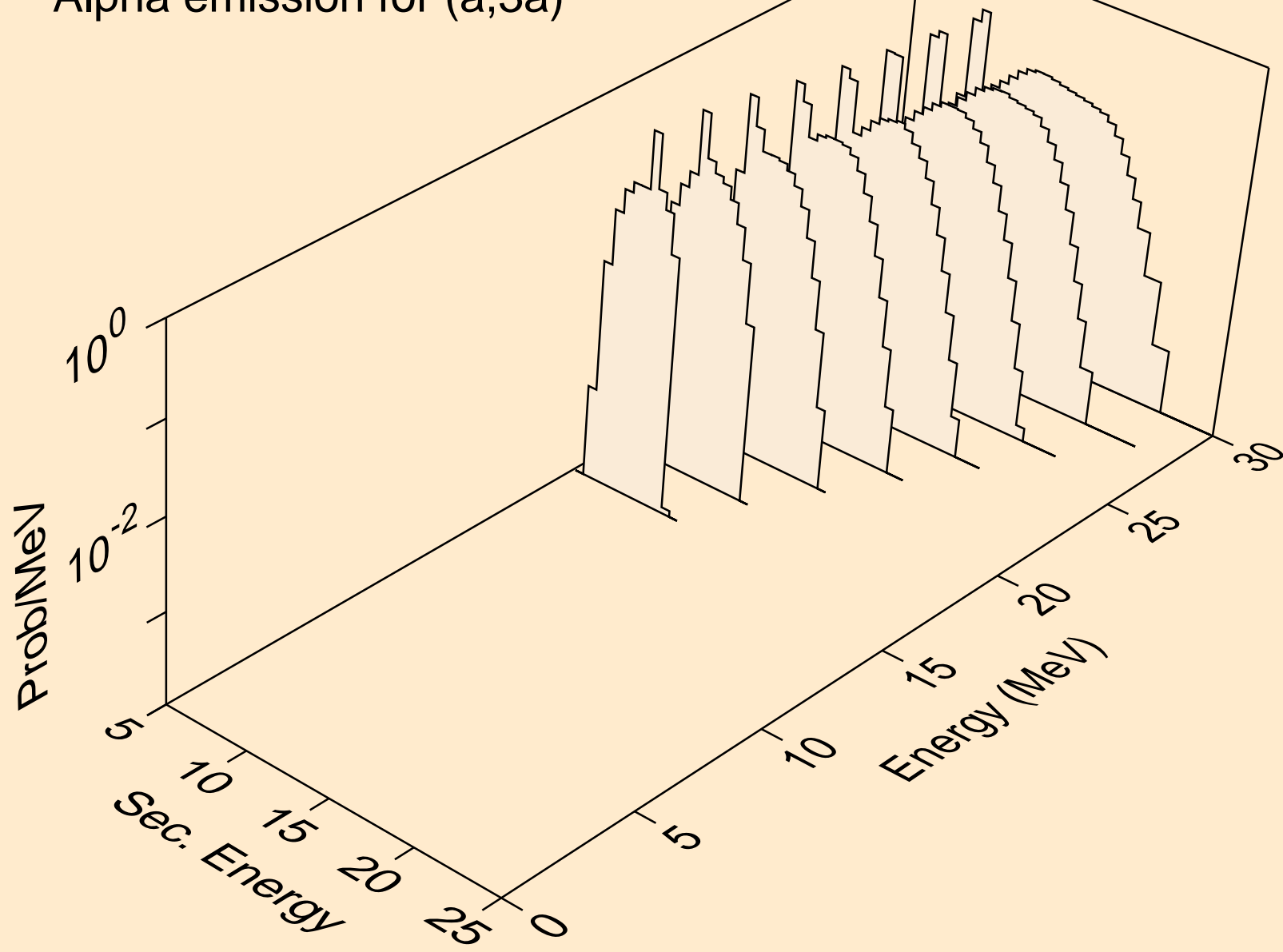


W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,2a)



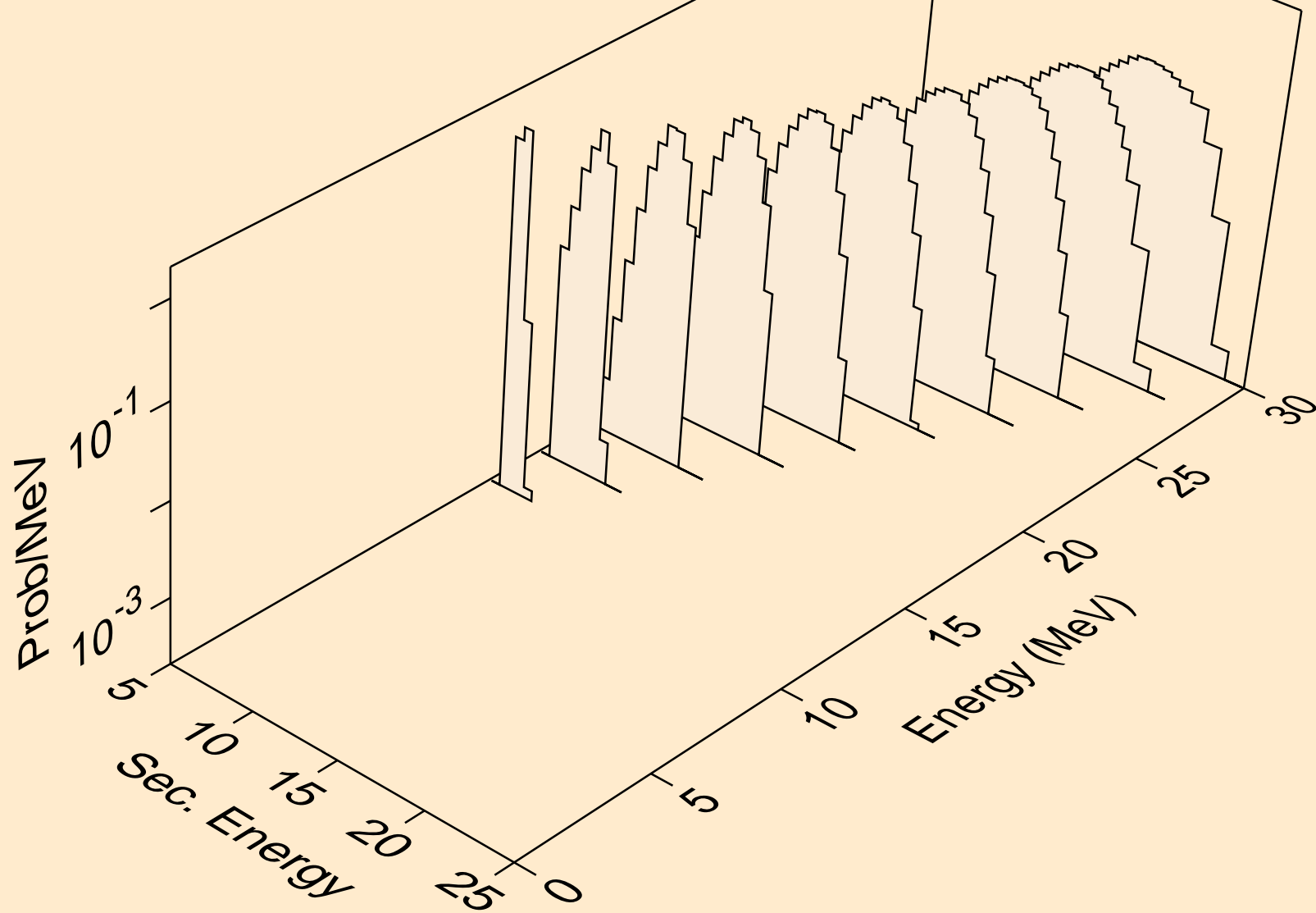
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,3a)

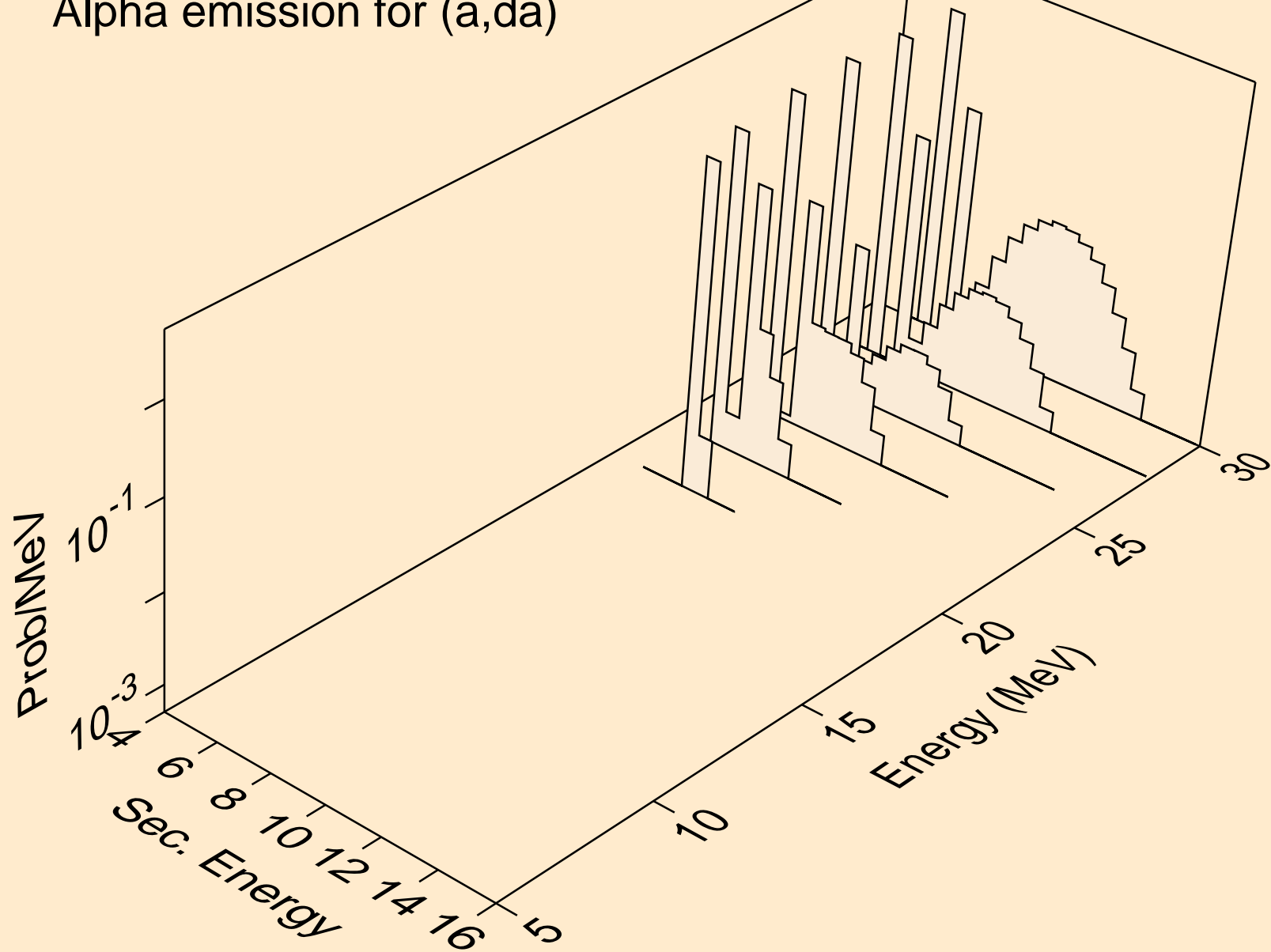


W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

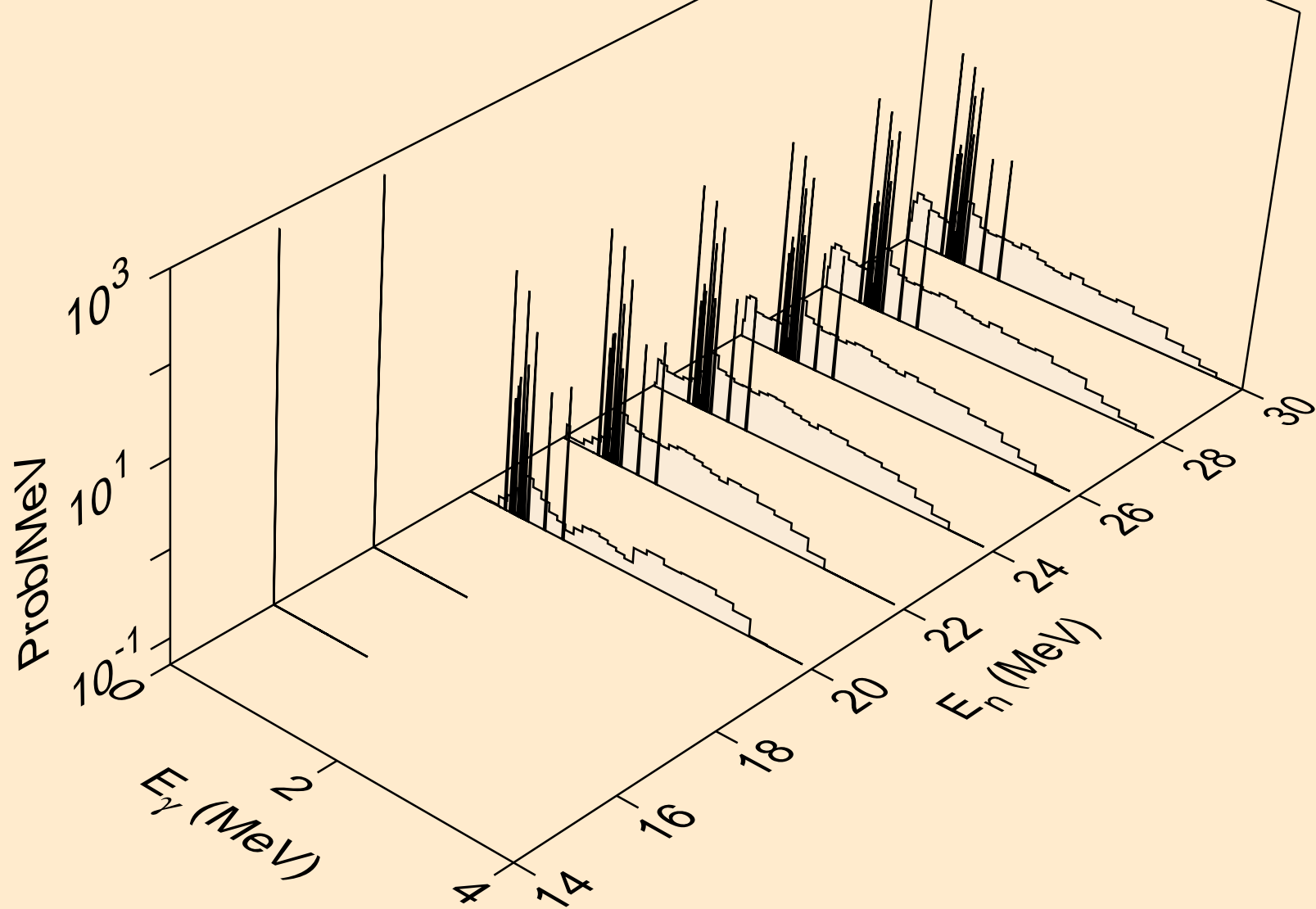
Alpha emission for (a,pa)



W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,da)

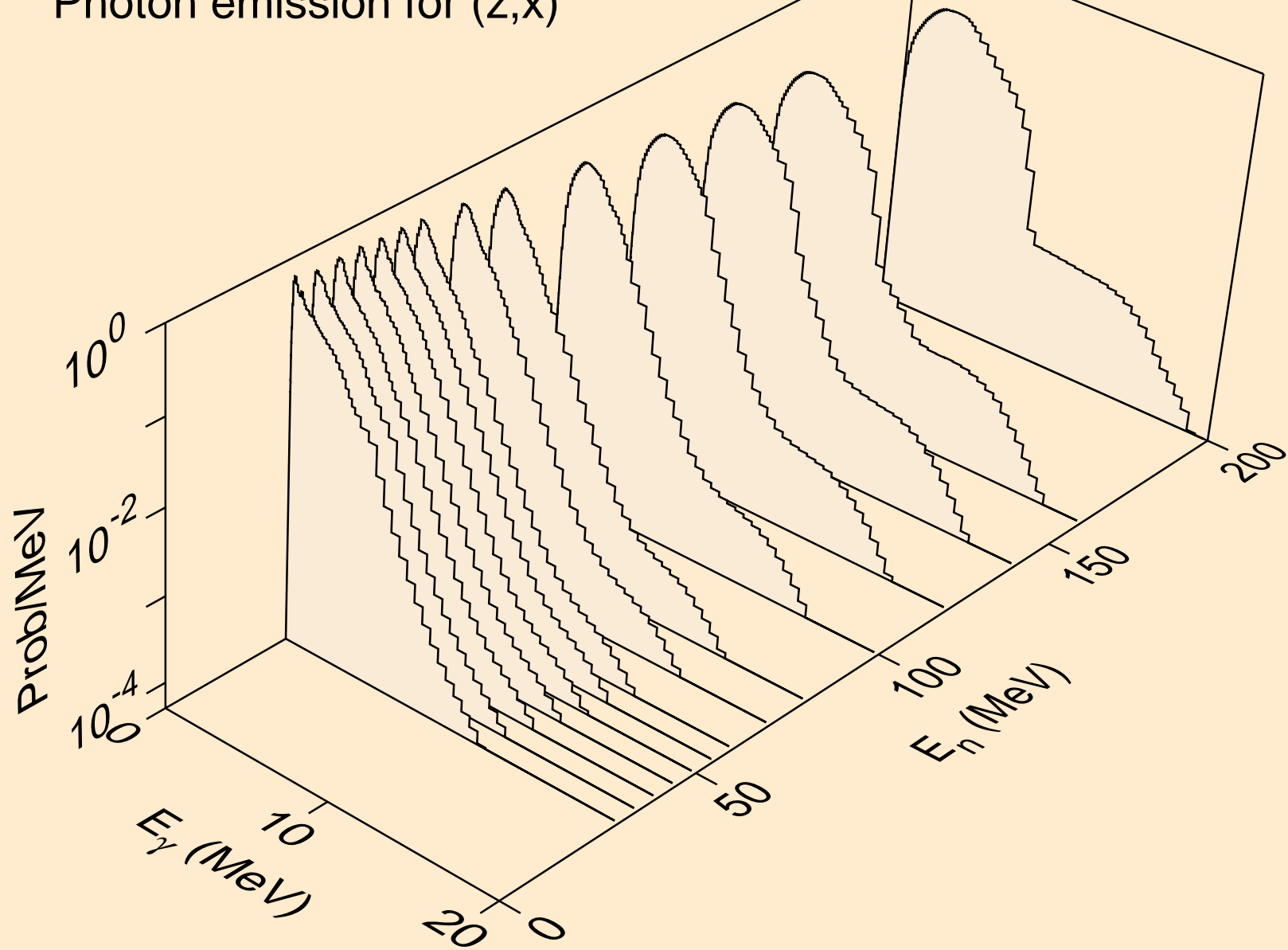


W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)

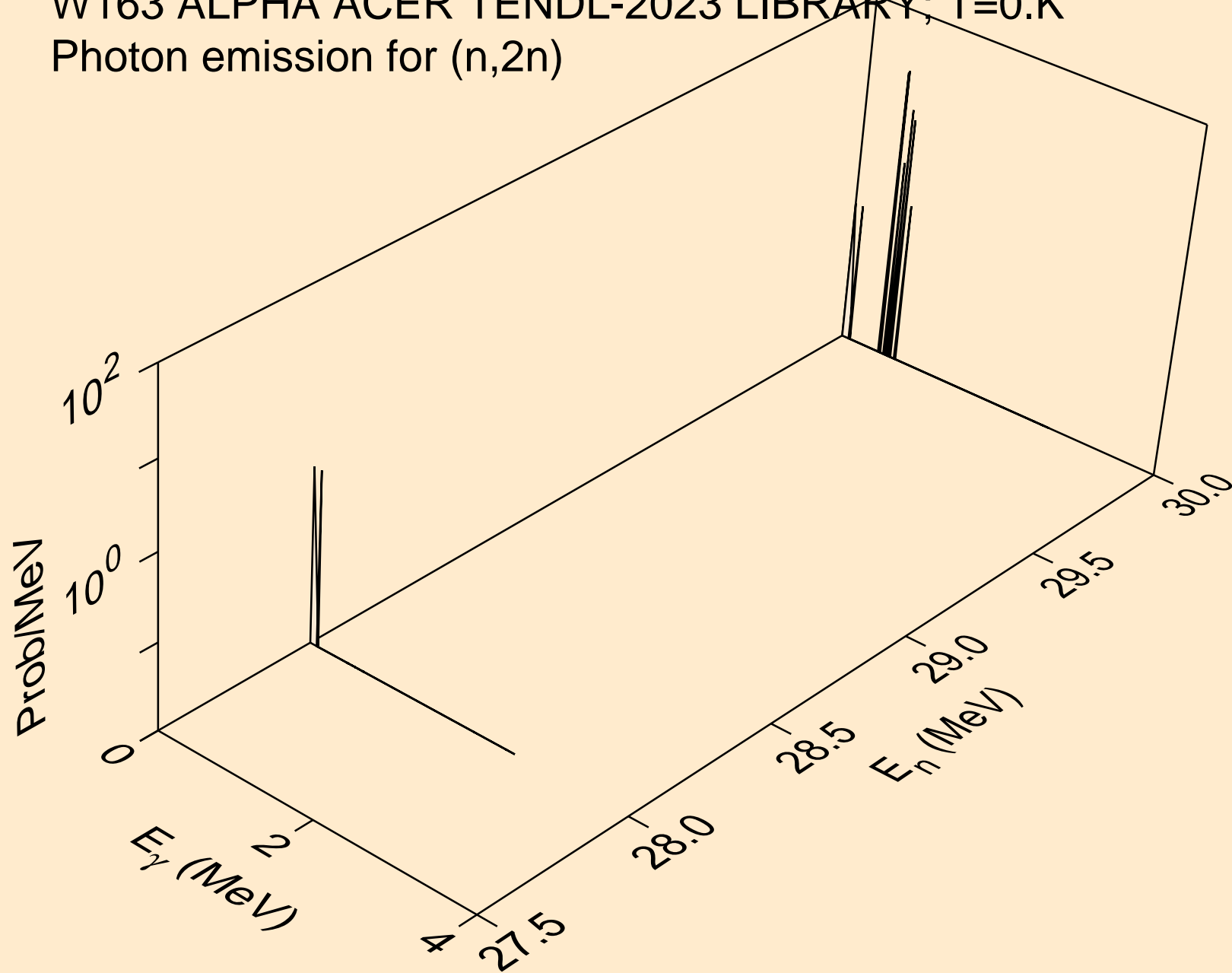


W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

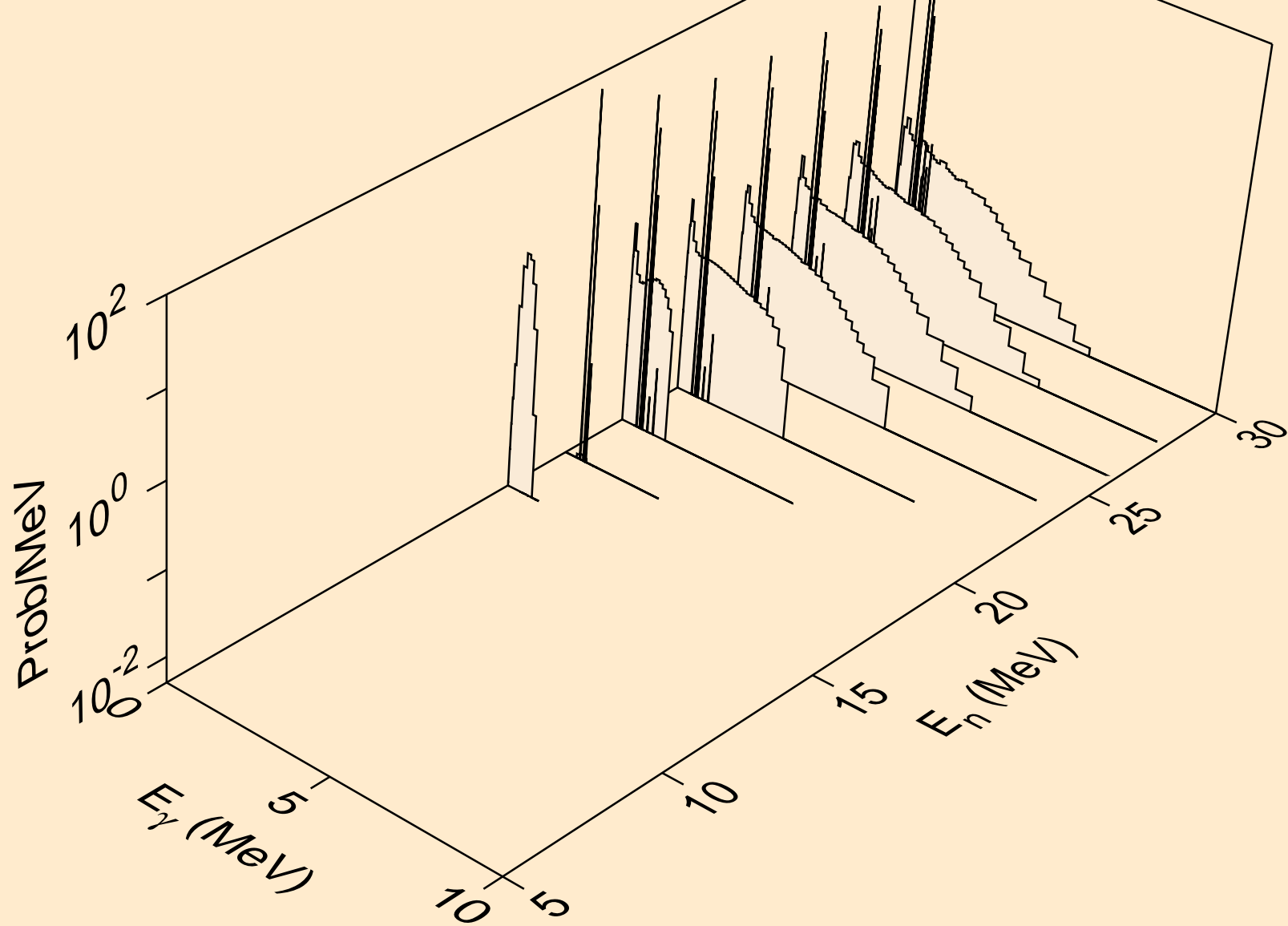
Photon emission for (z,x)



W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

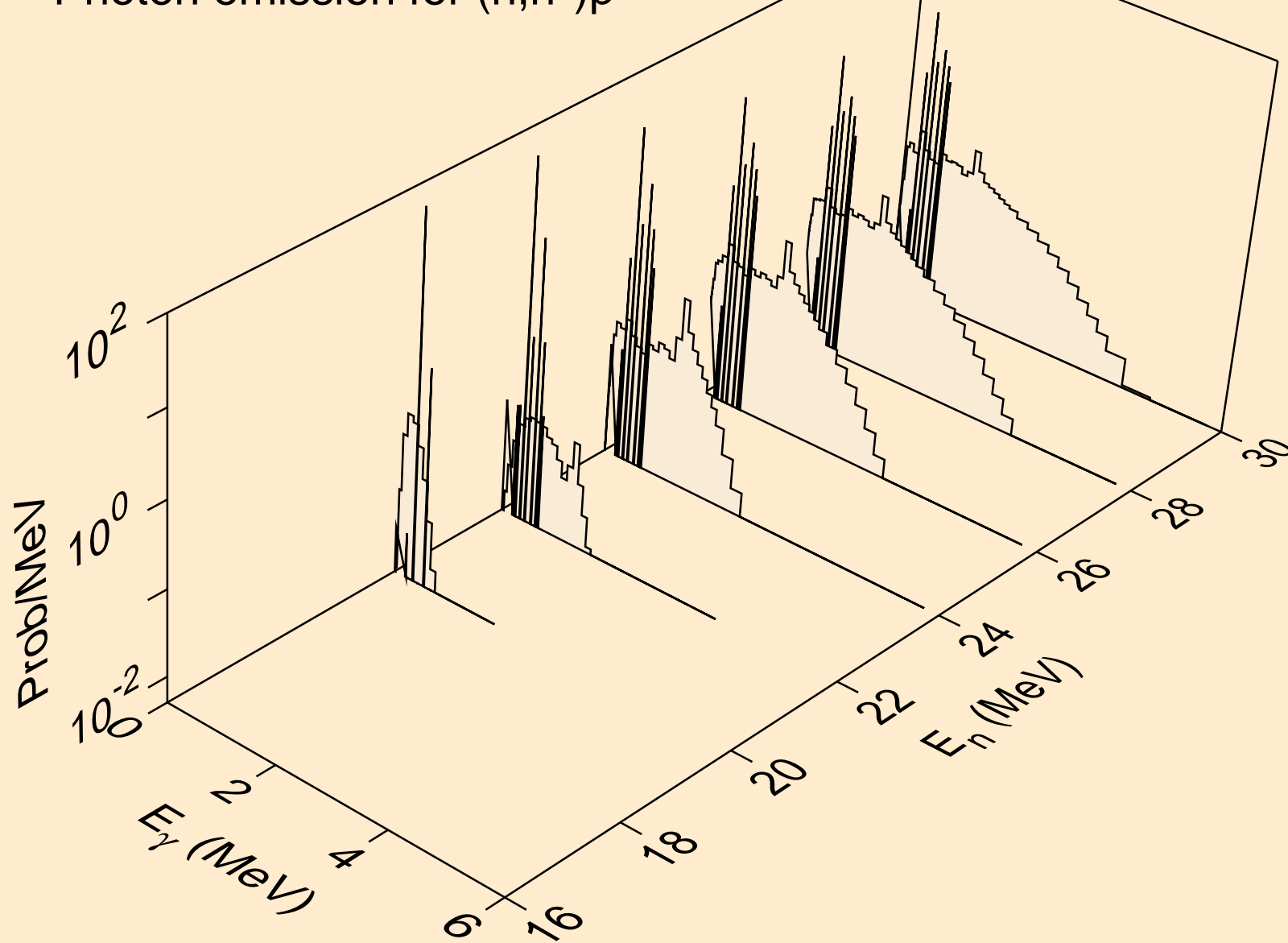


W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a

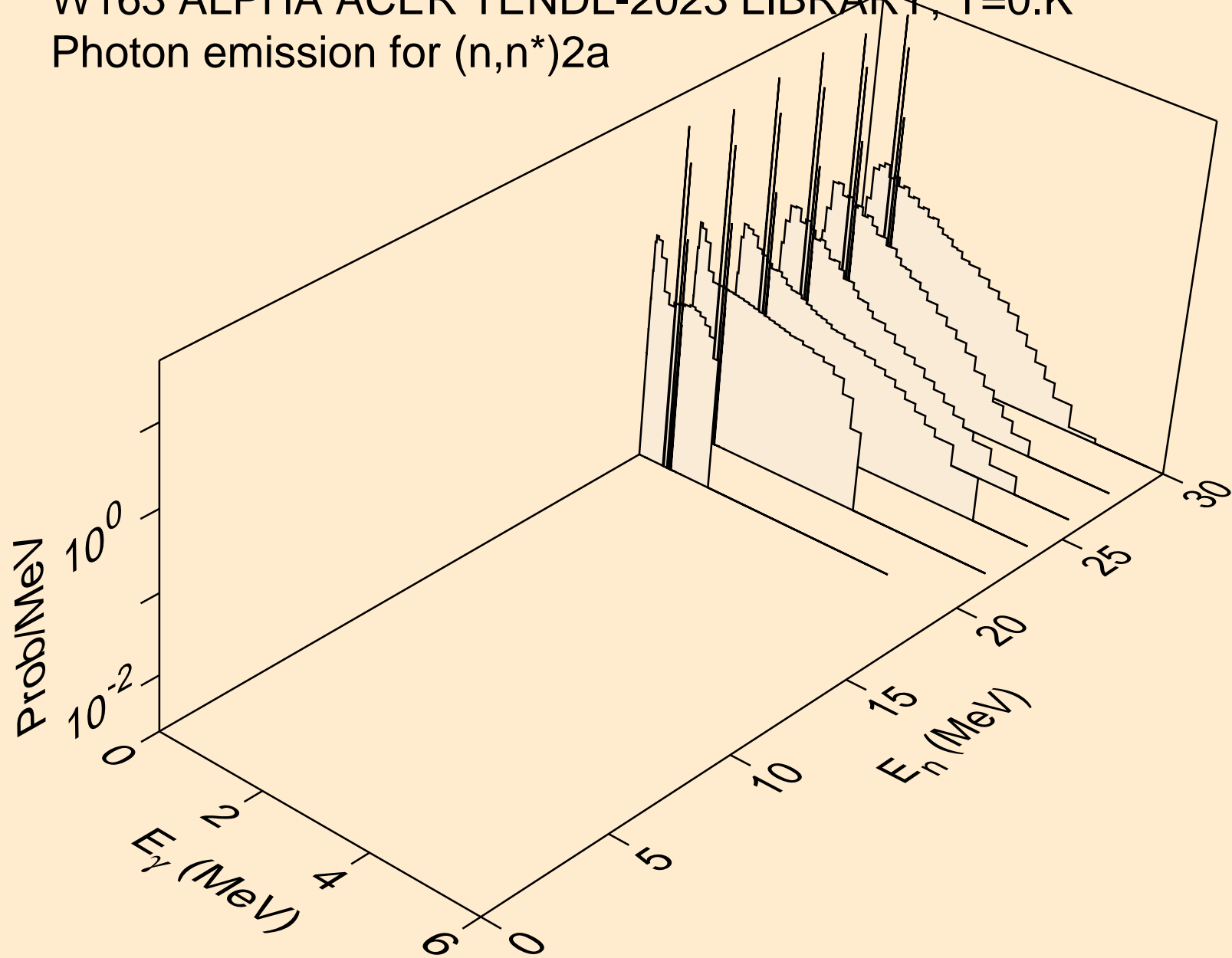


W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

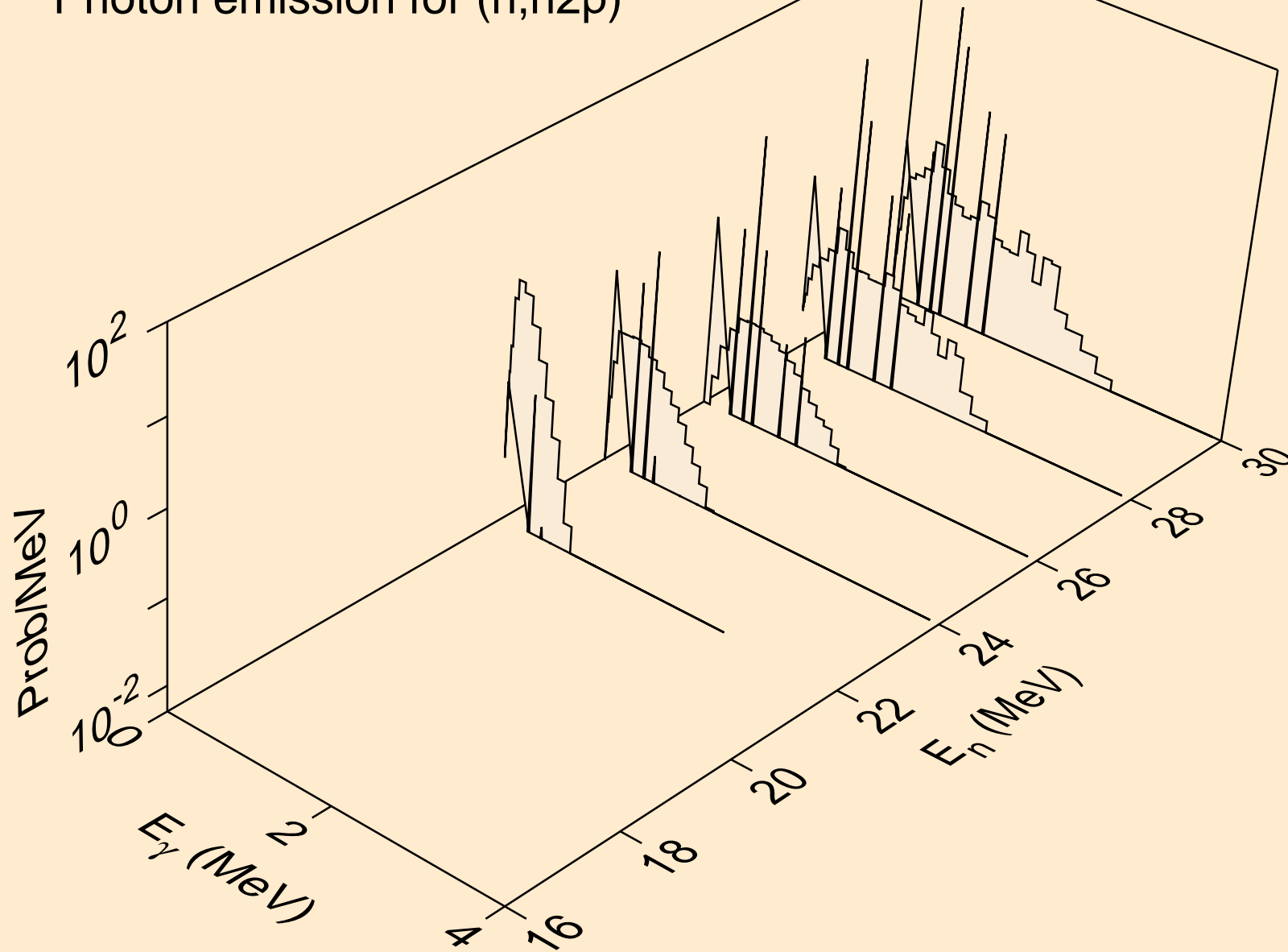
Photon emission for (n,n*)p



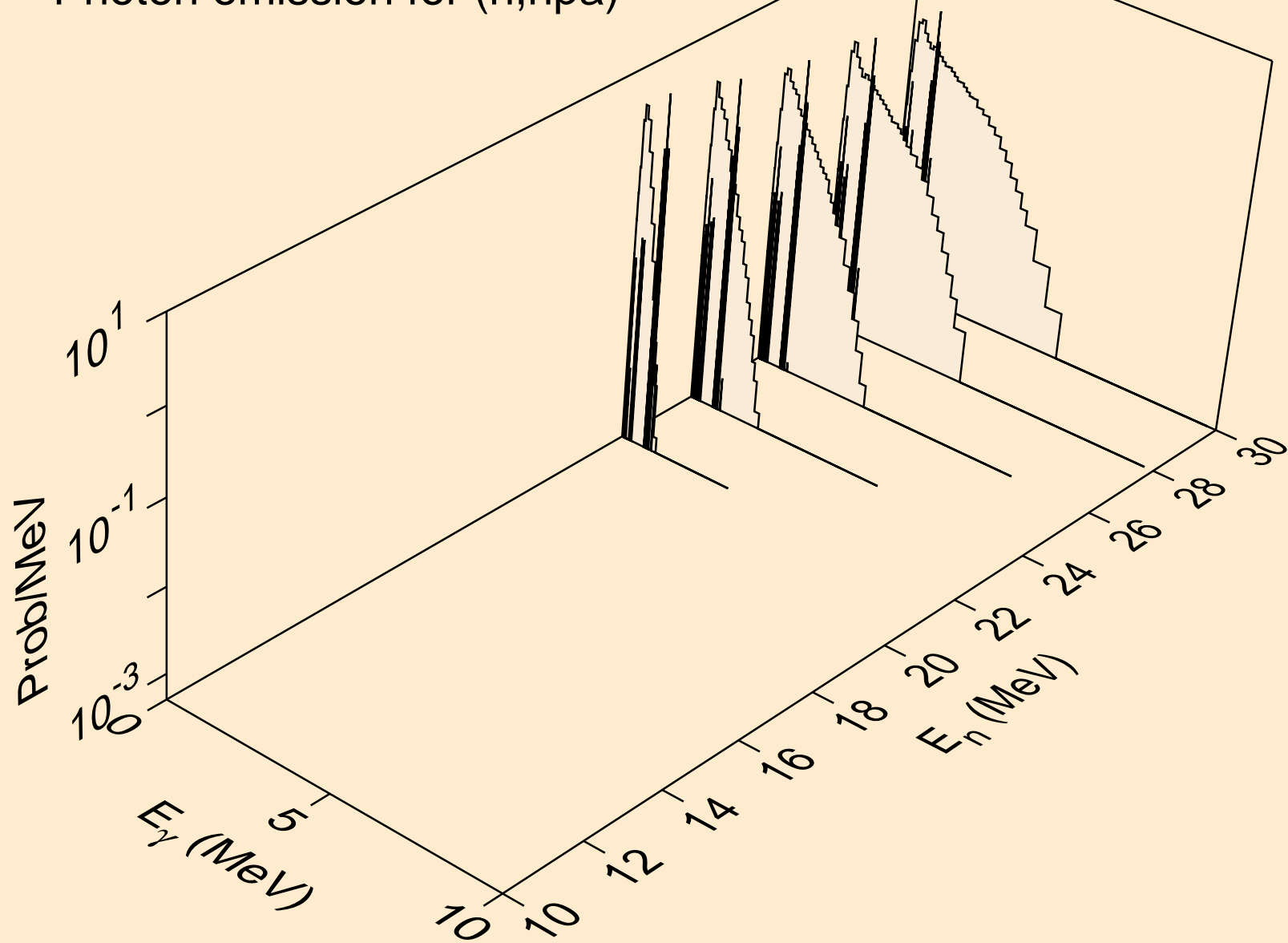
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



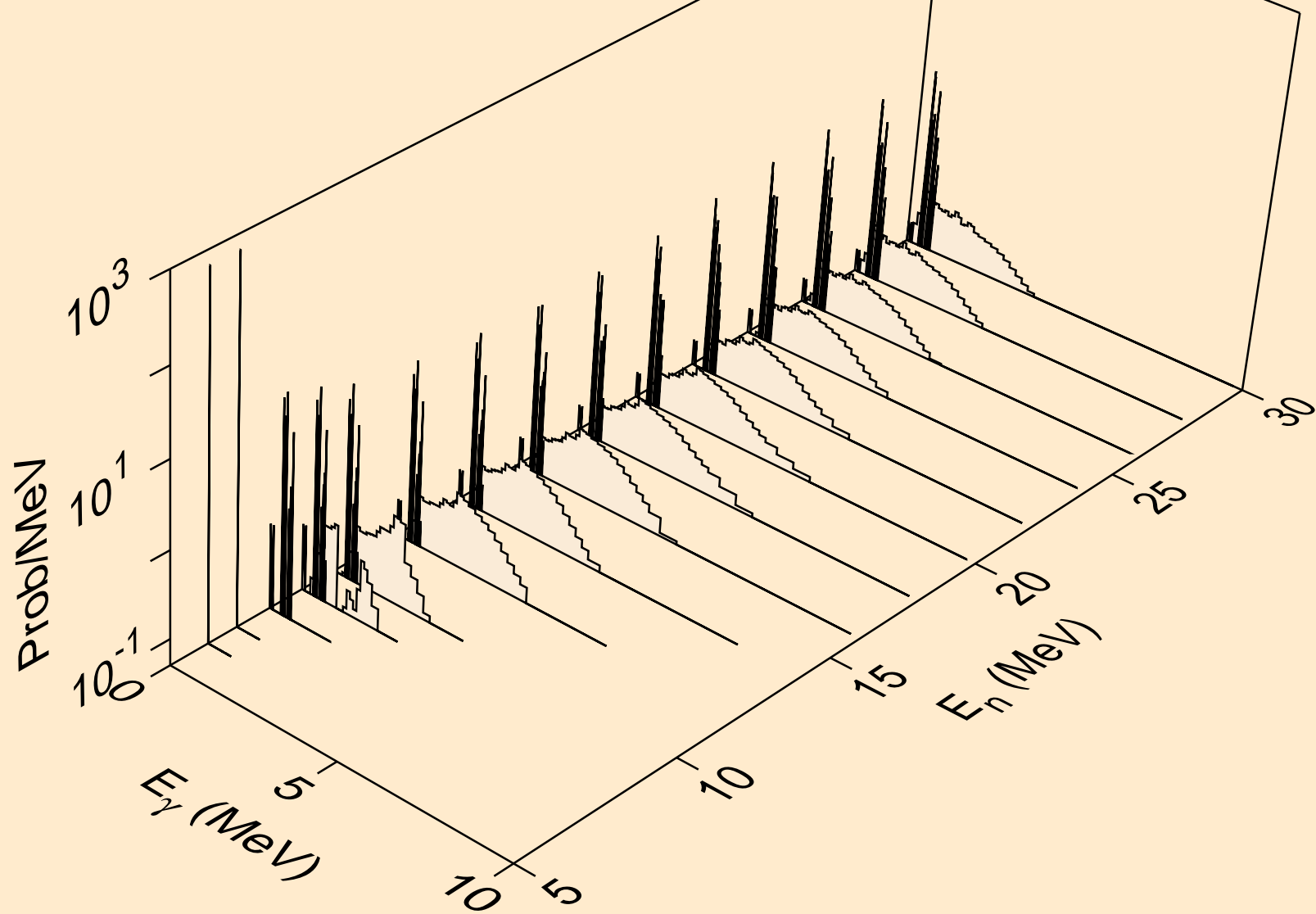
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



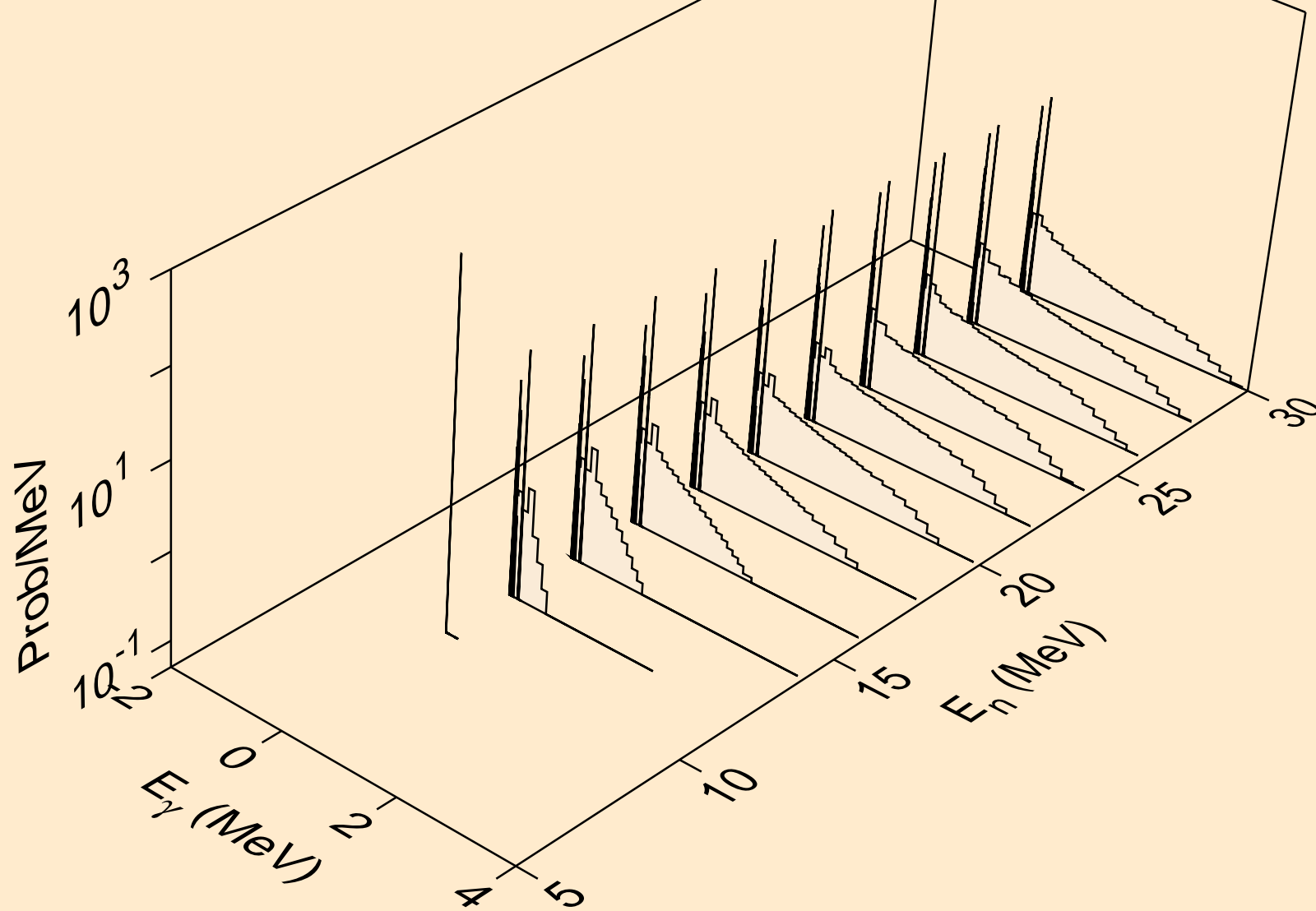
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



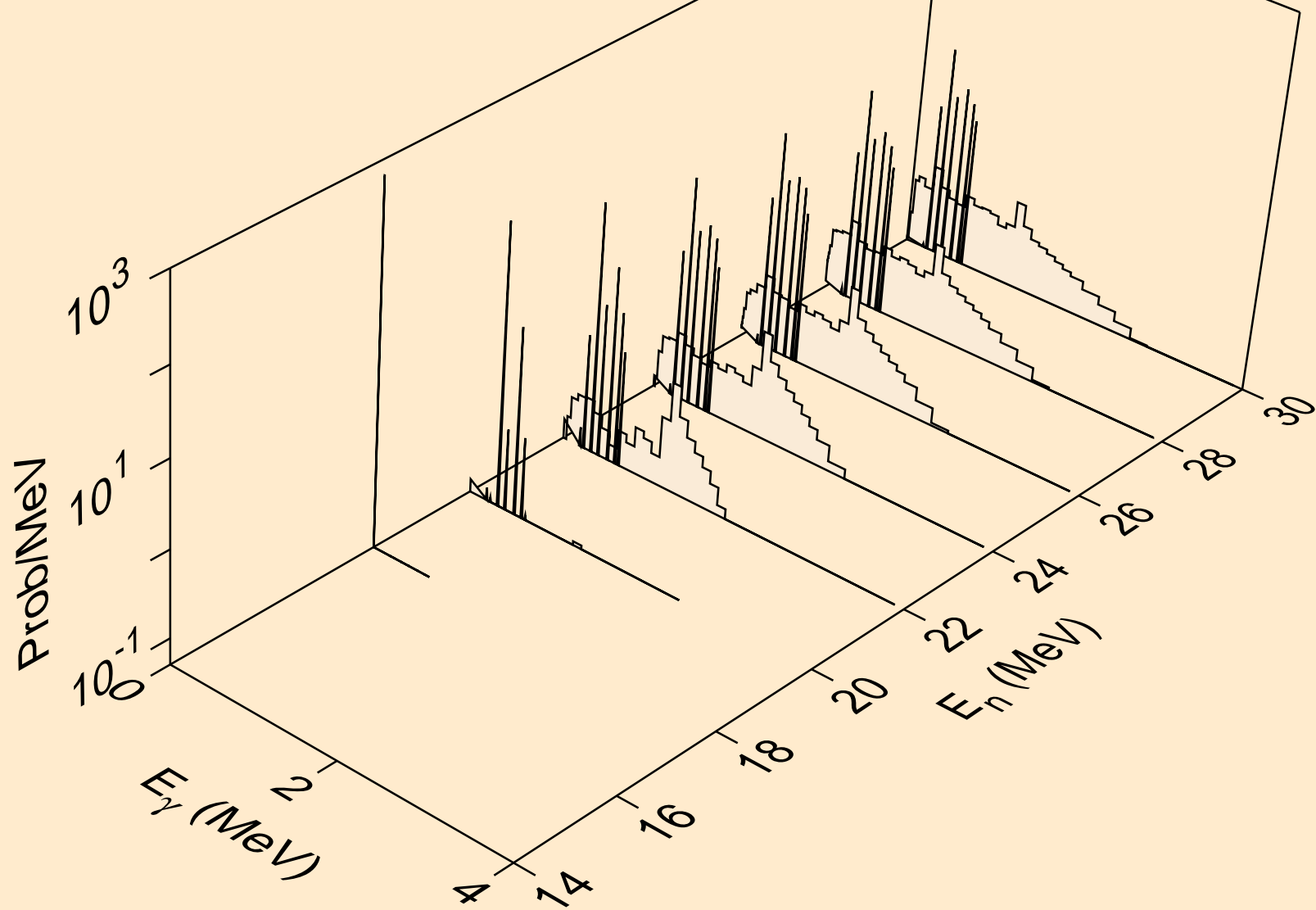
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



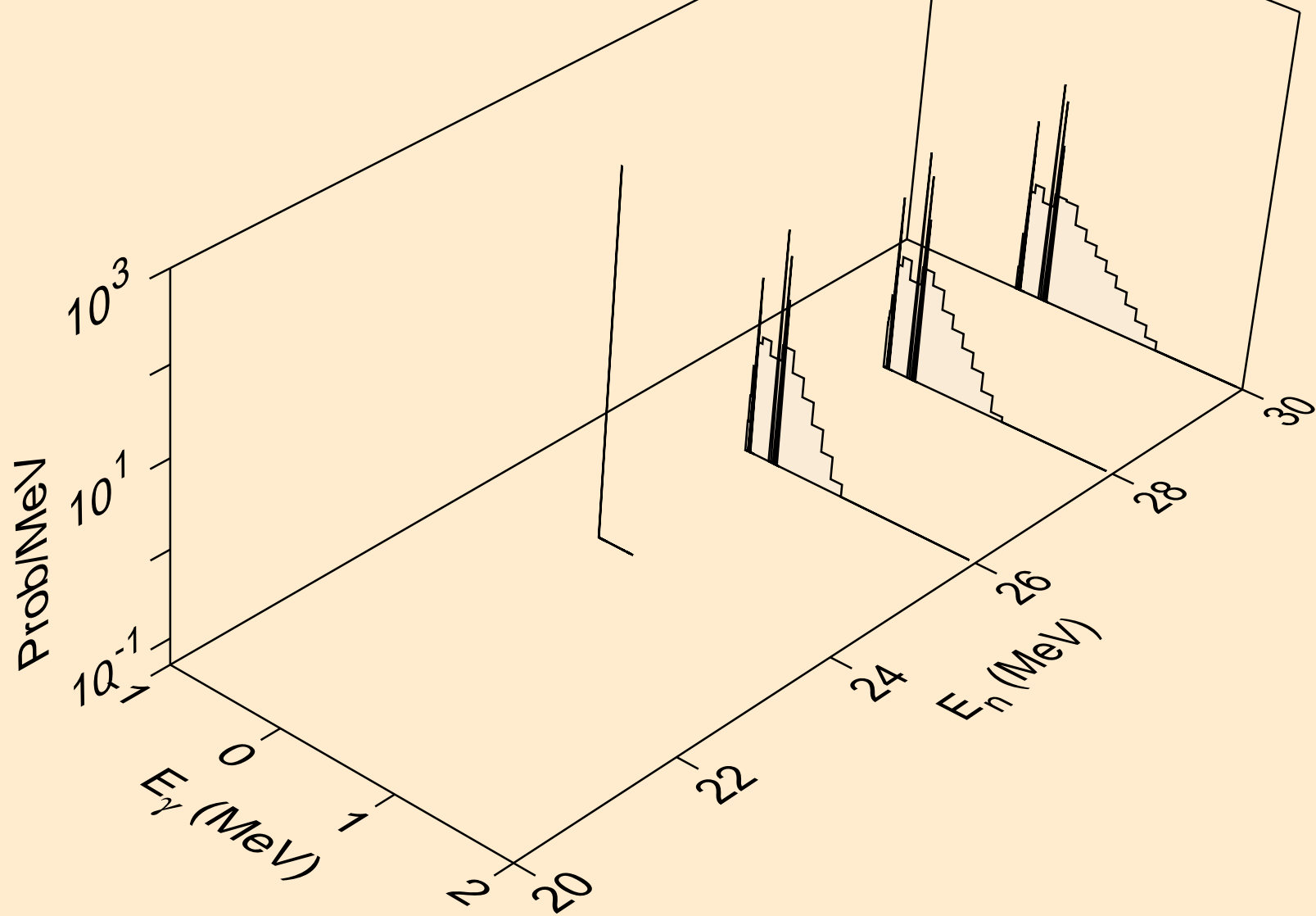
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



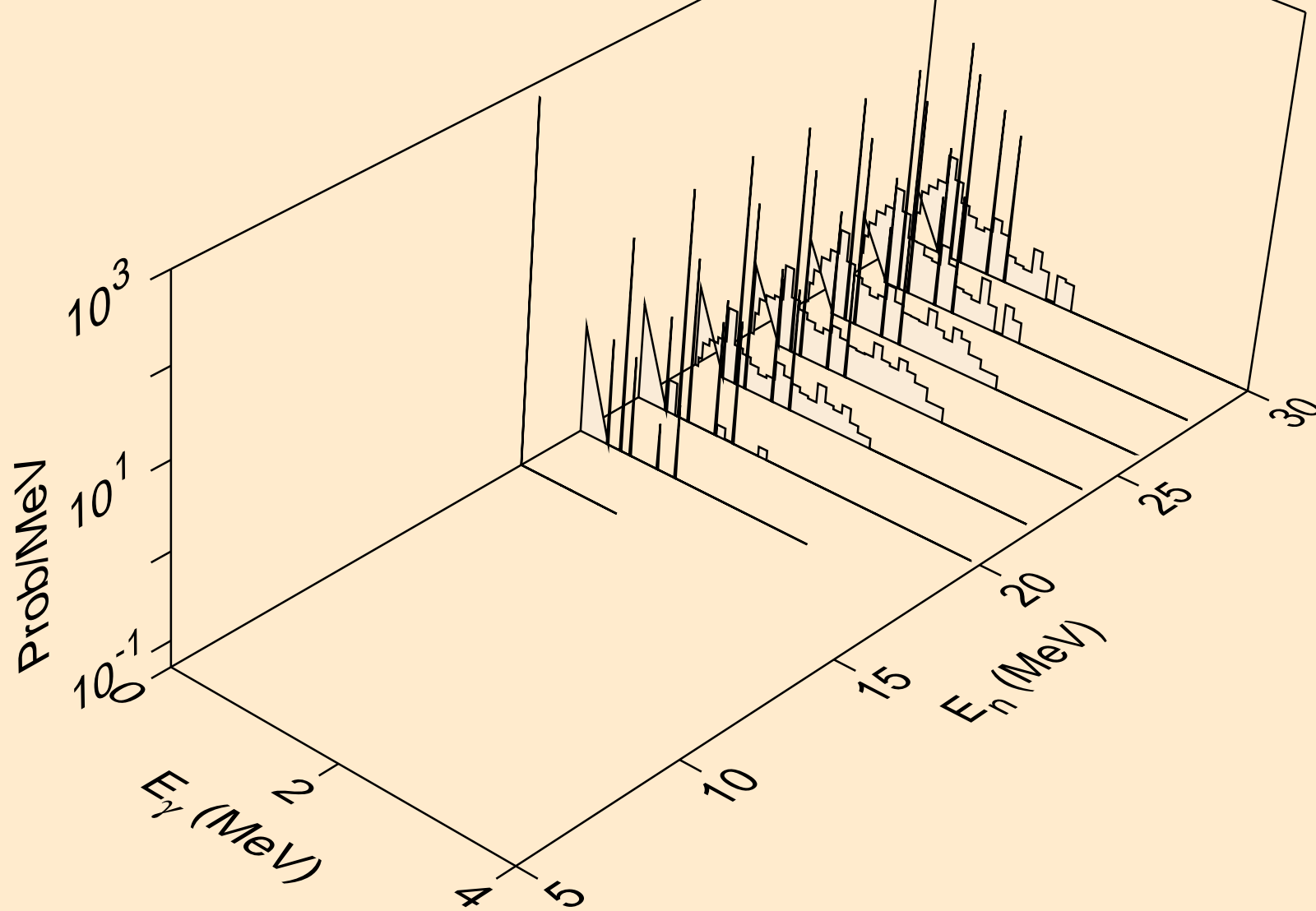
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



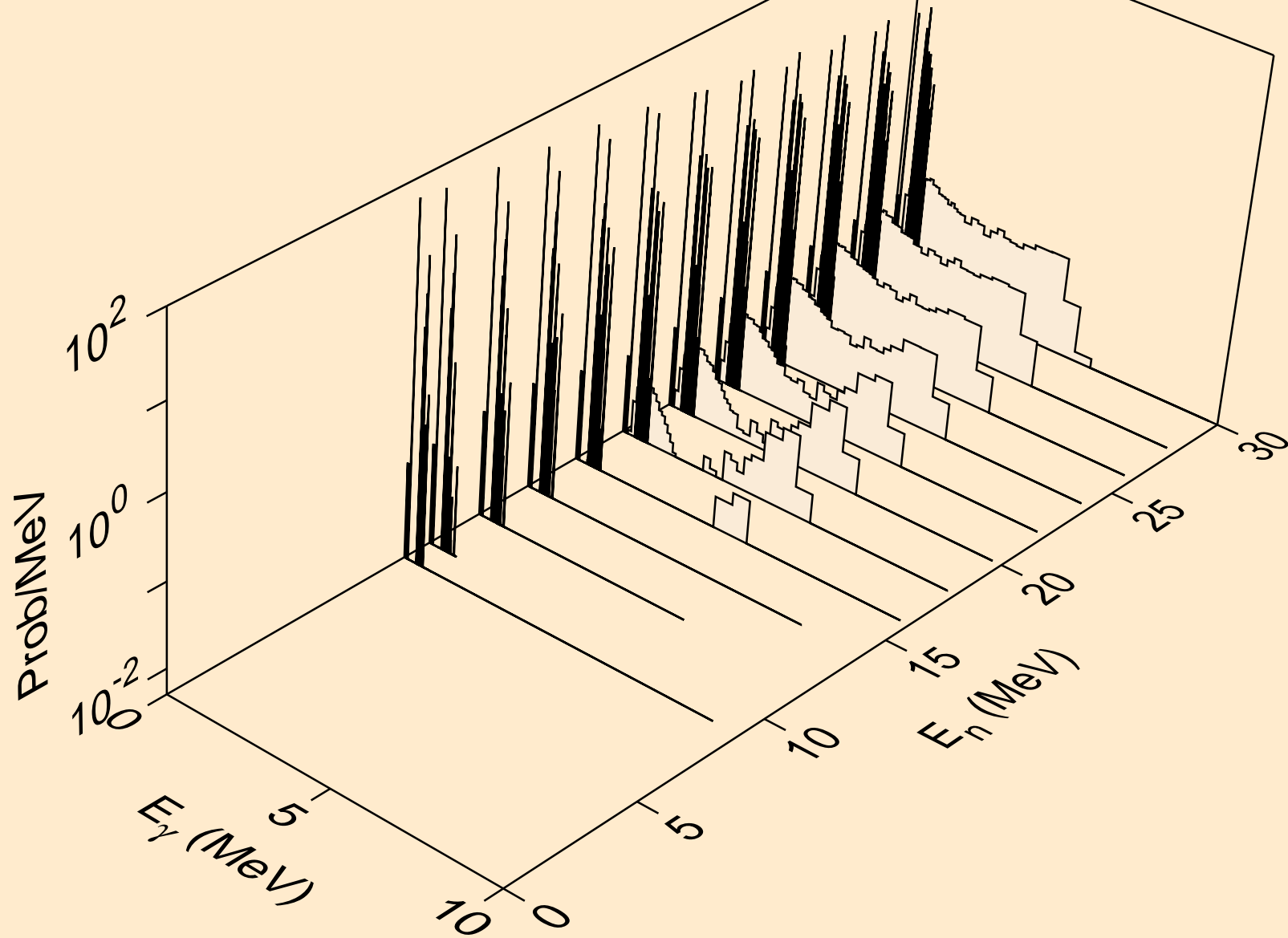
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



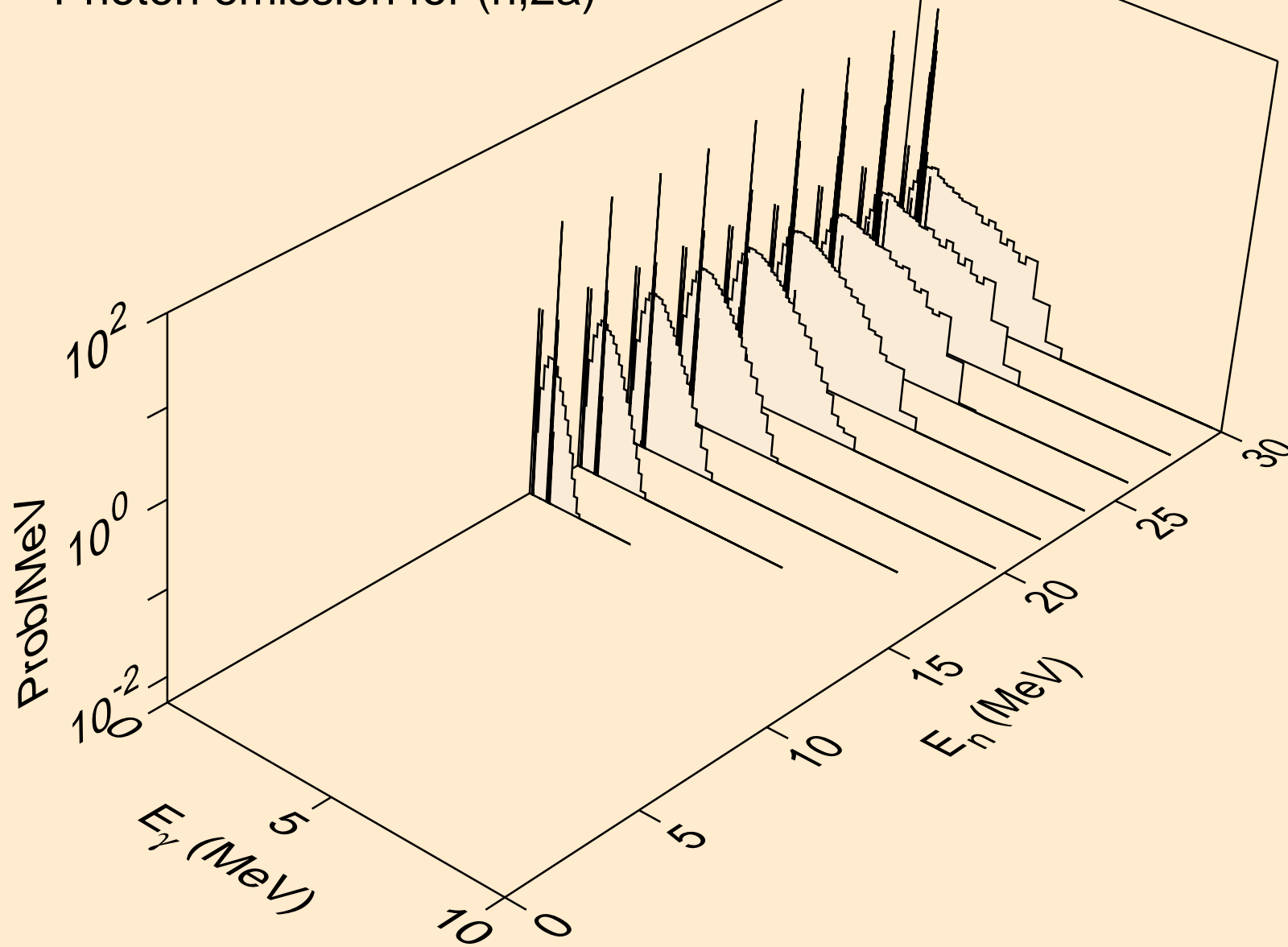
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



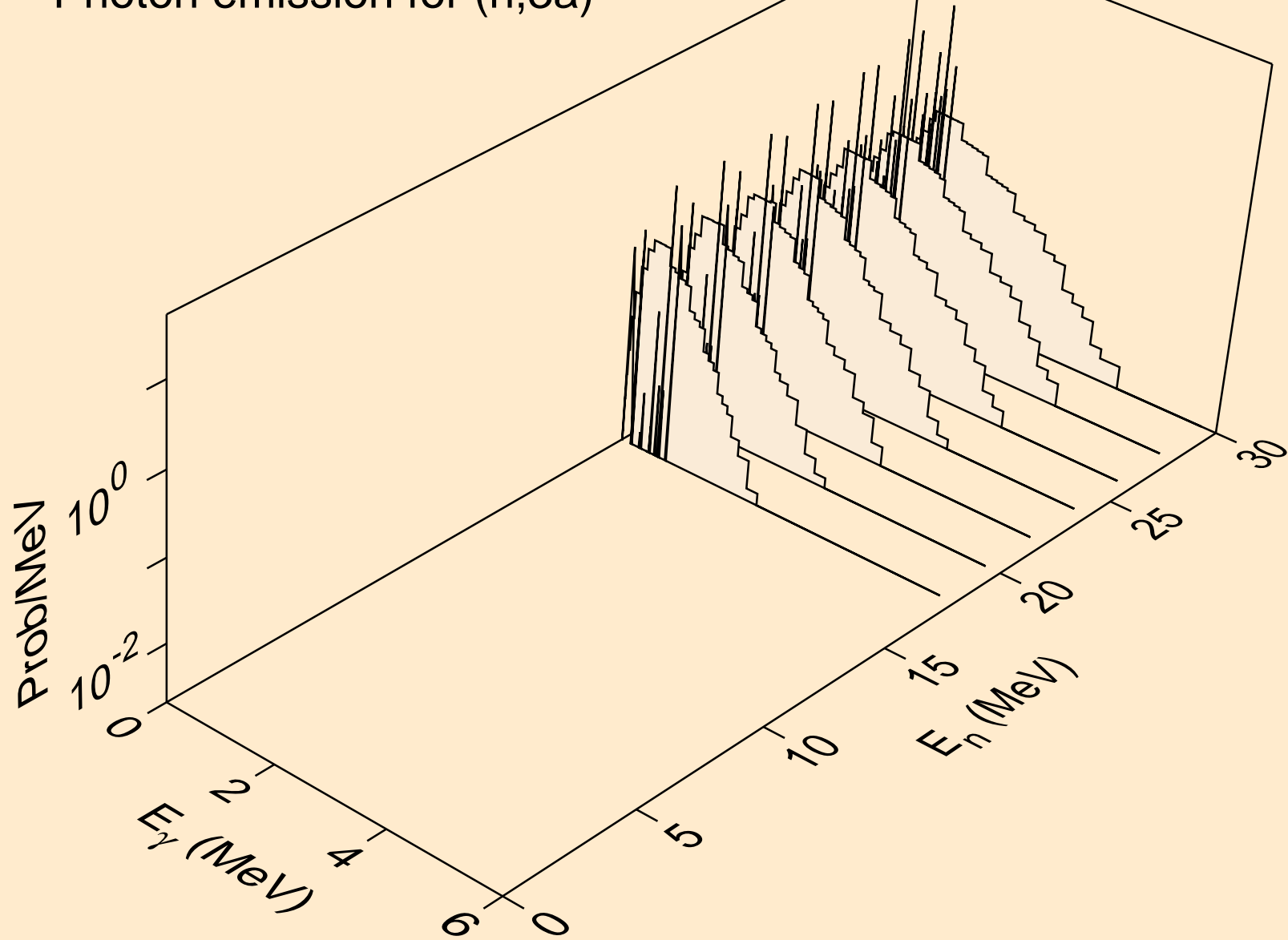
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



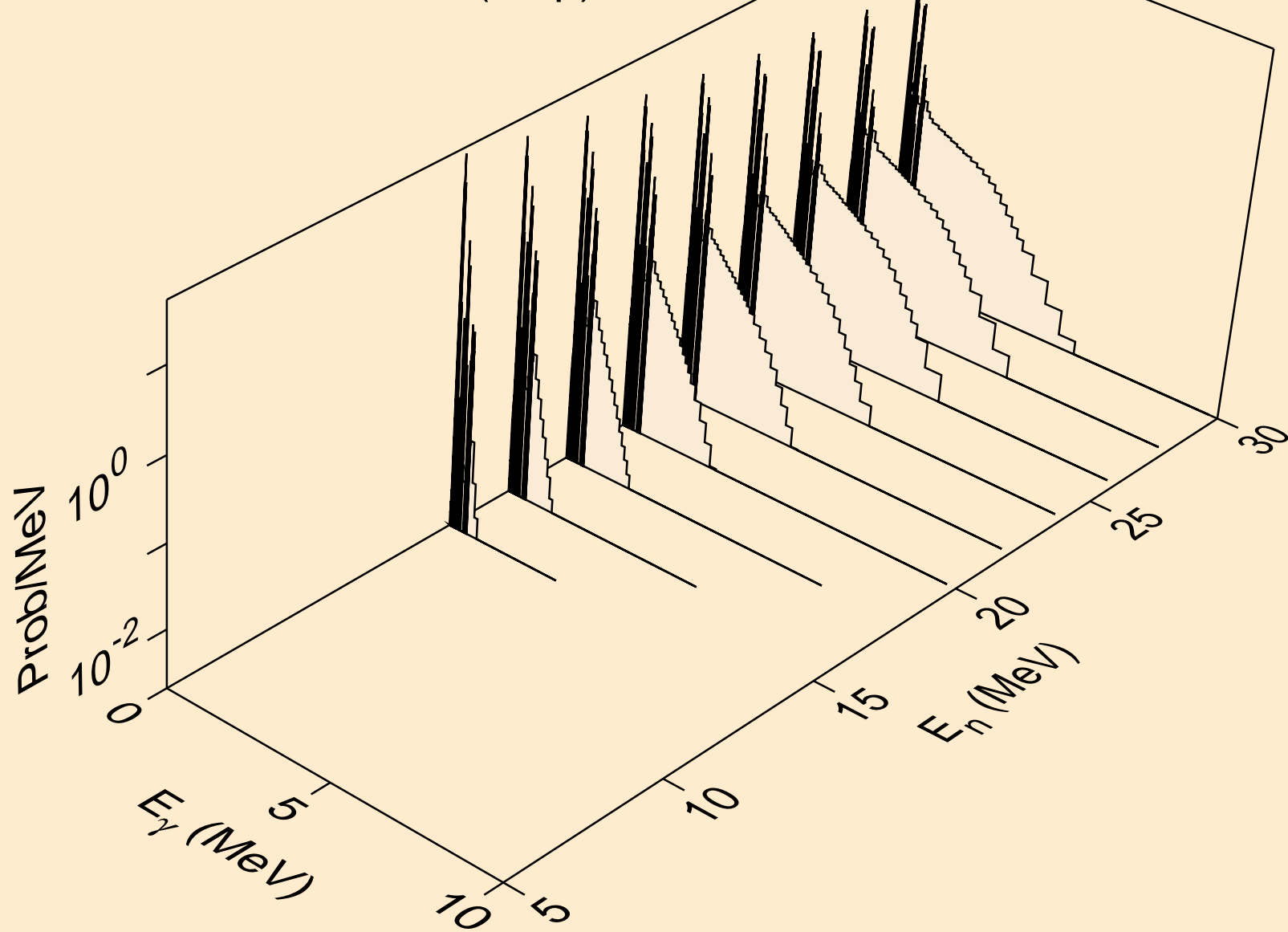
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



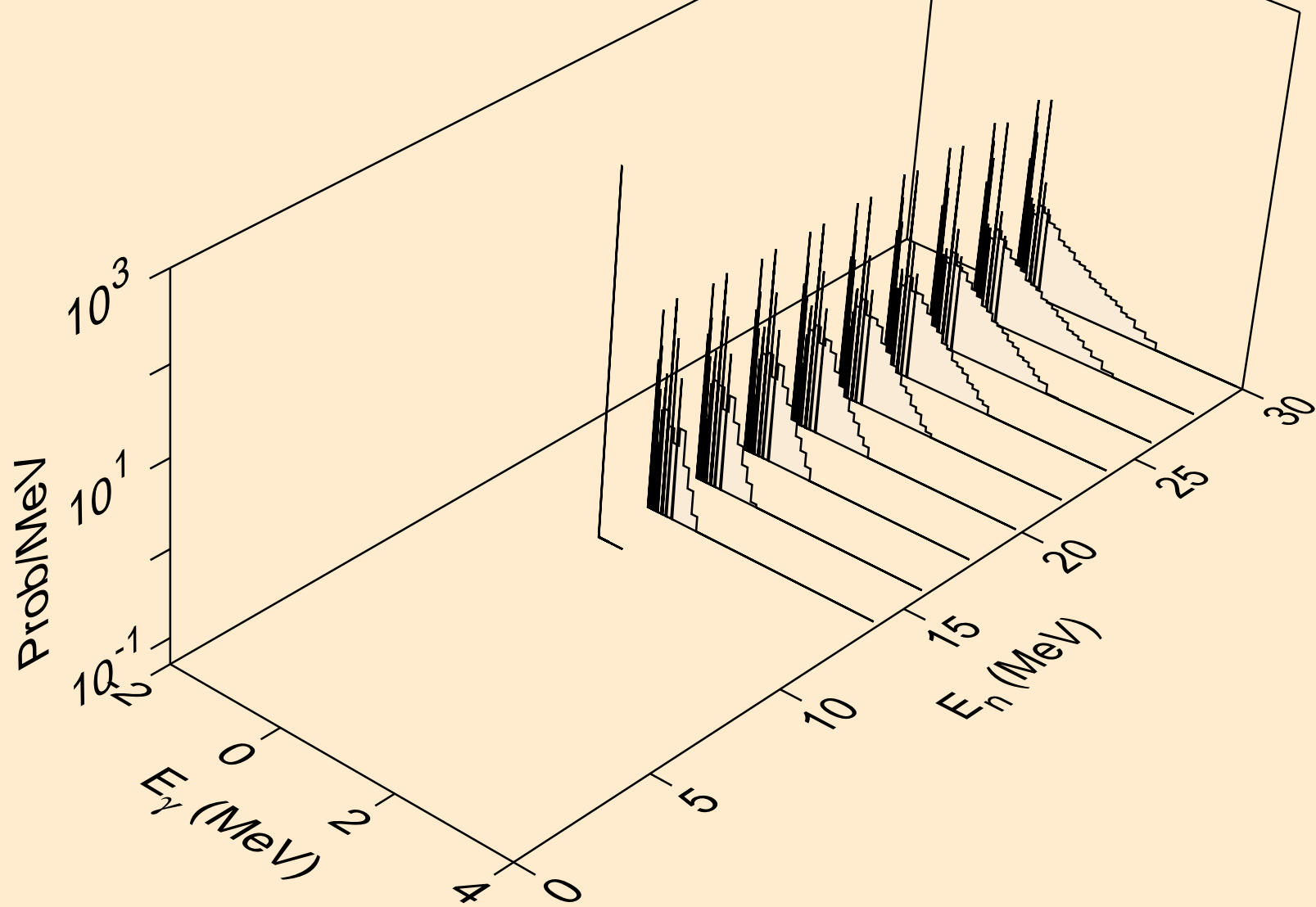
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3a)



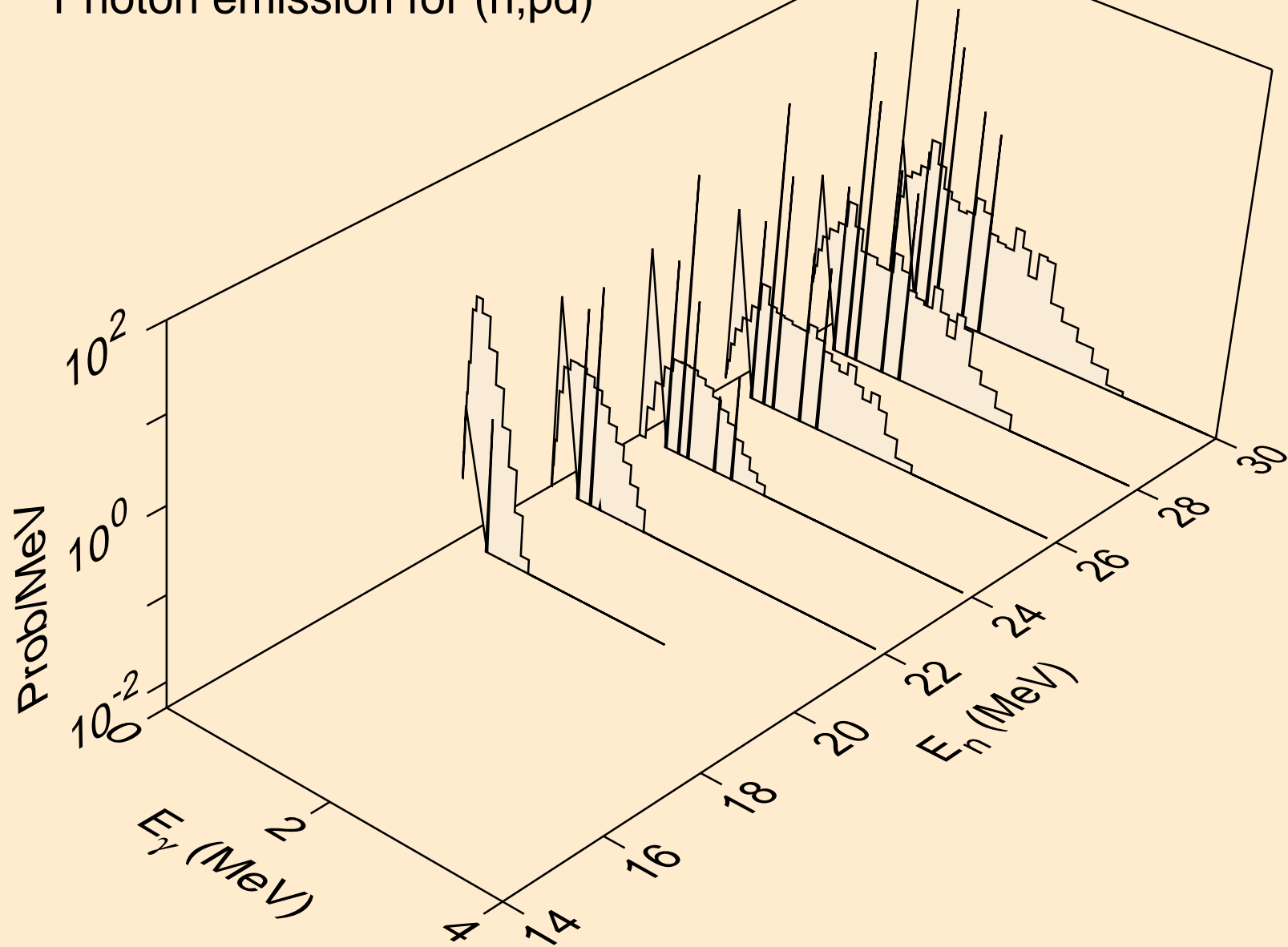
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



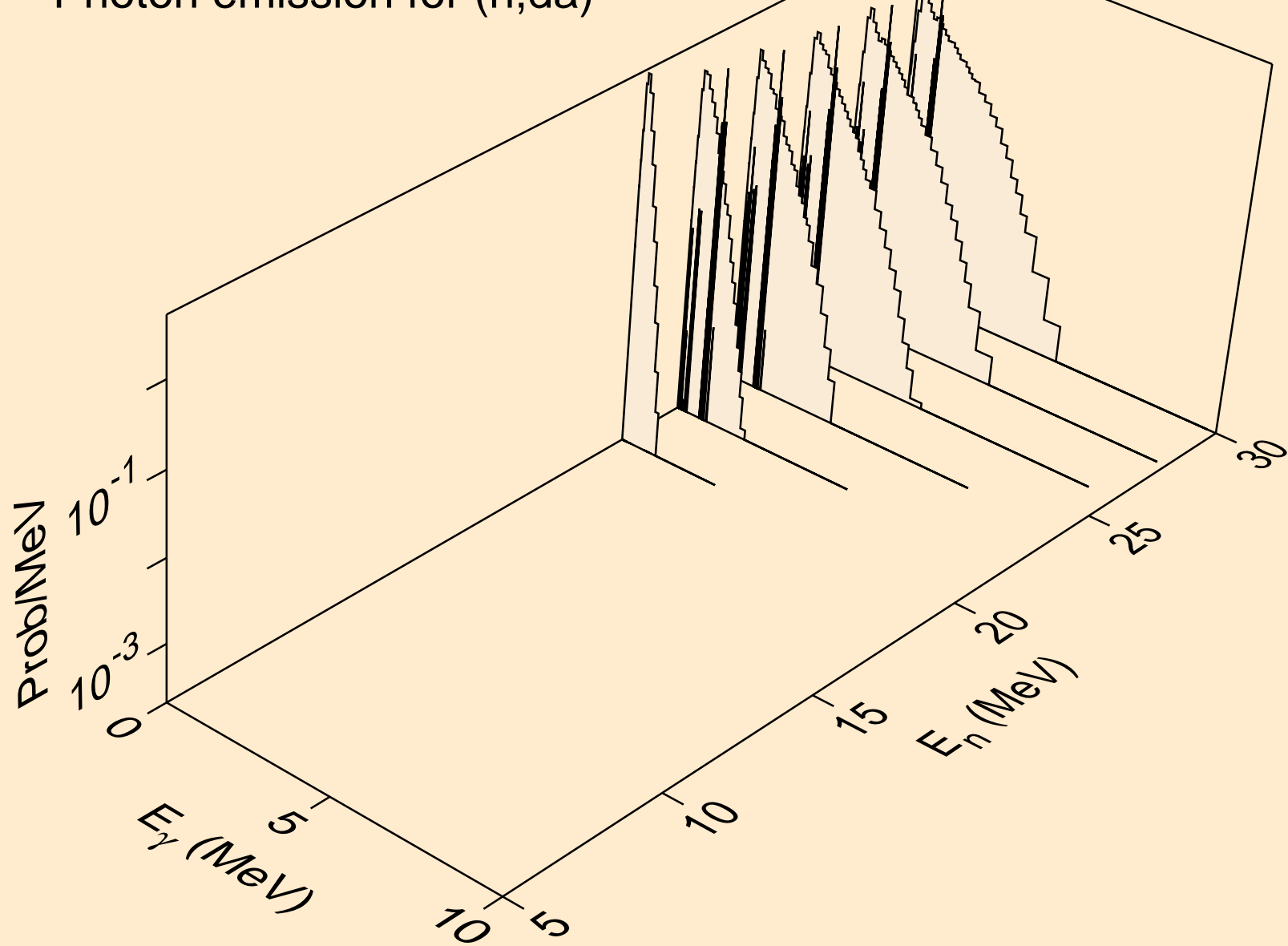
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pa)



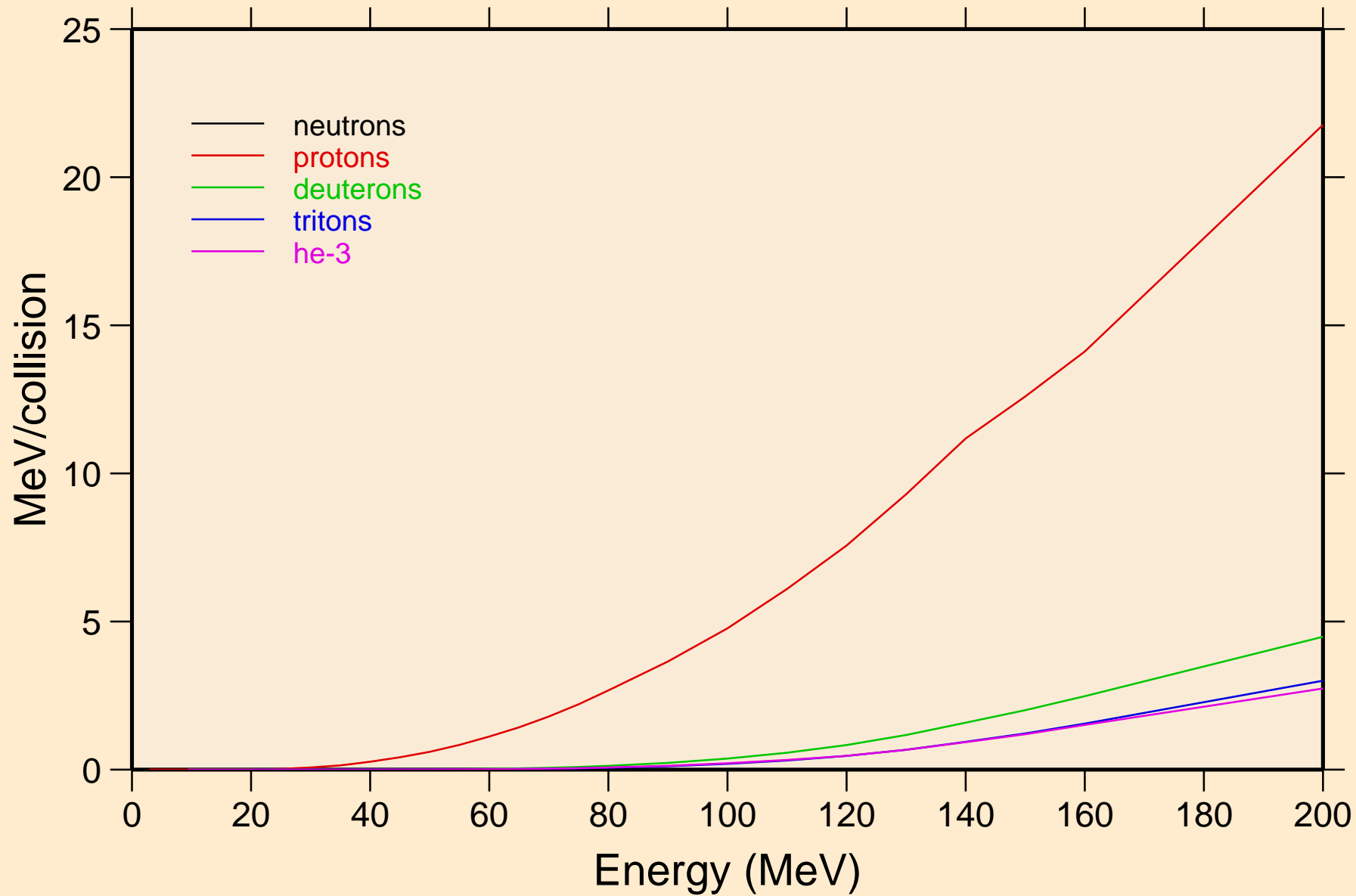
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)

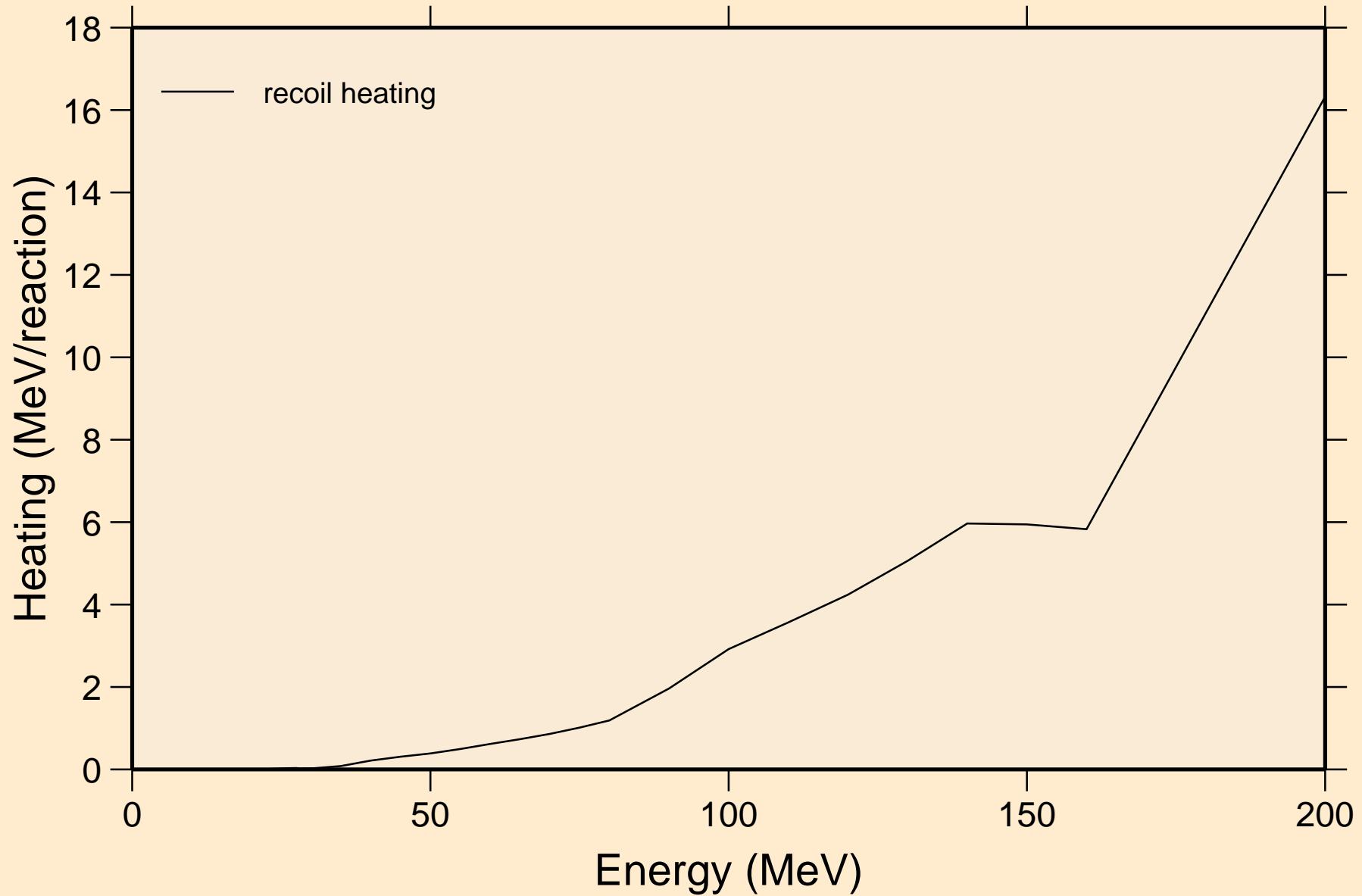


W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions

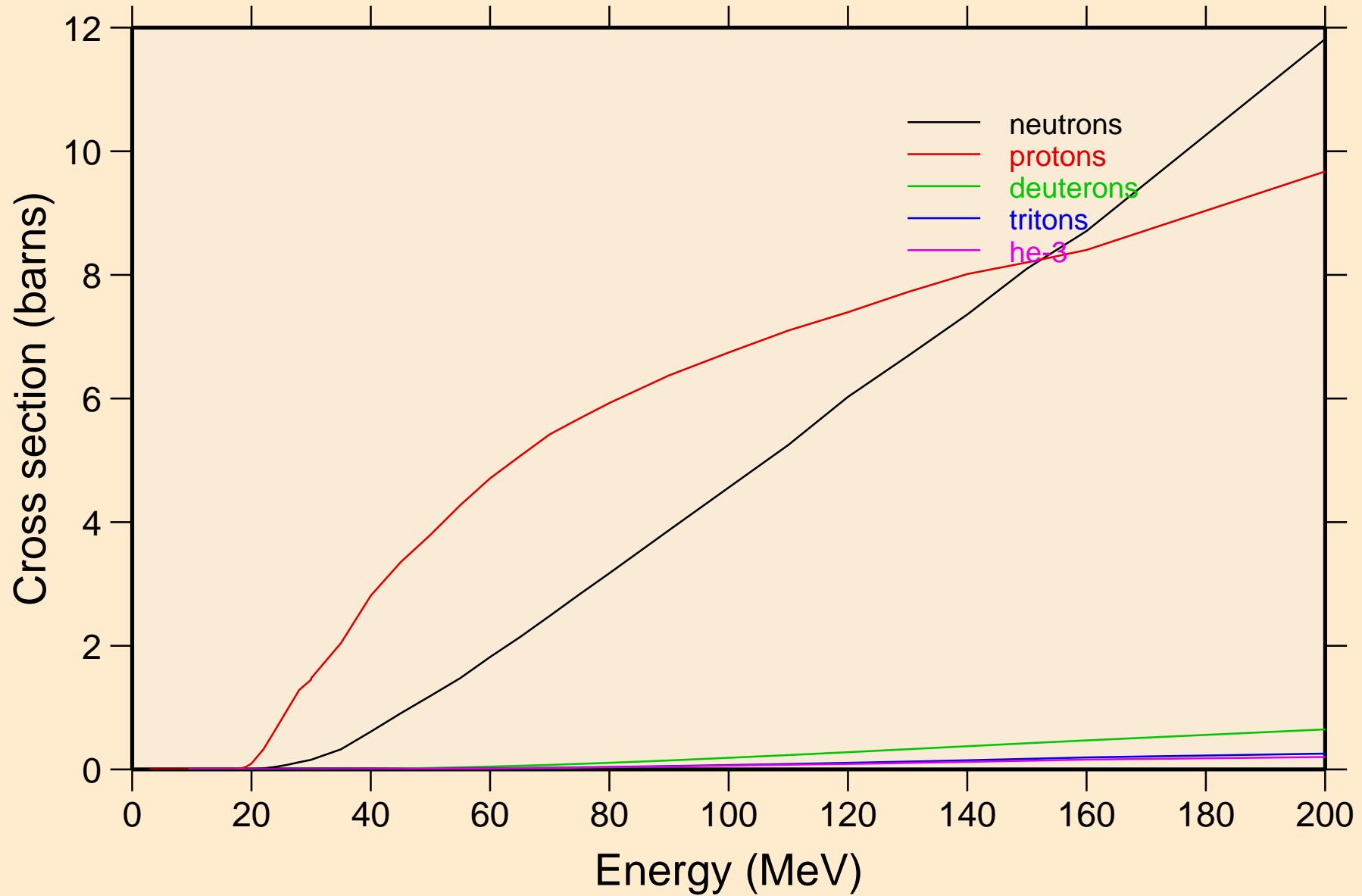


W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

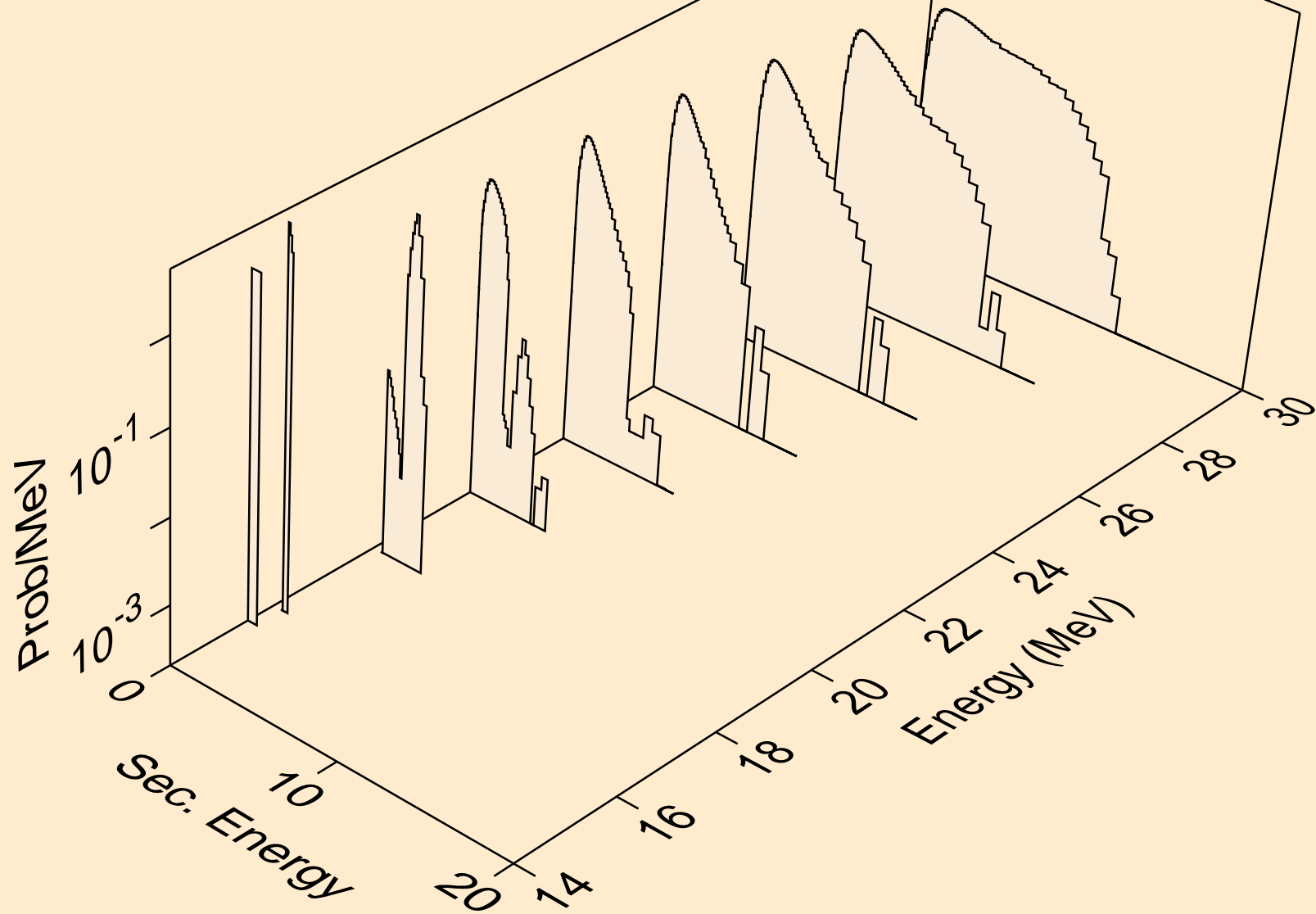
Recoil Heating



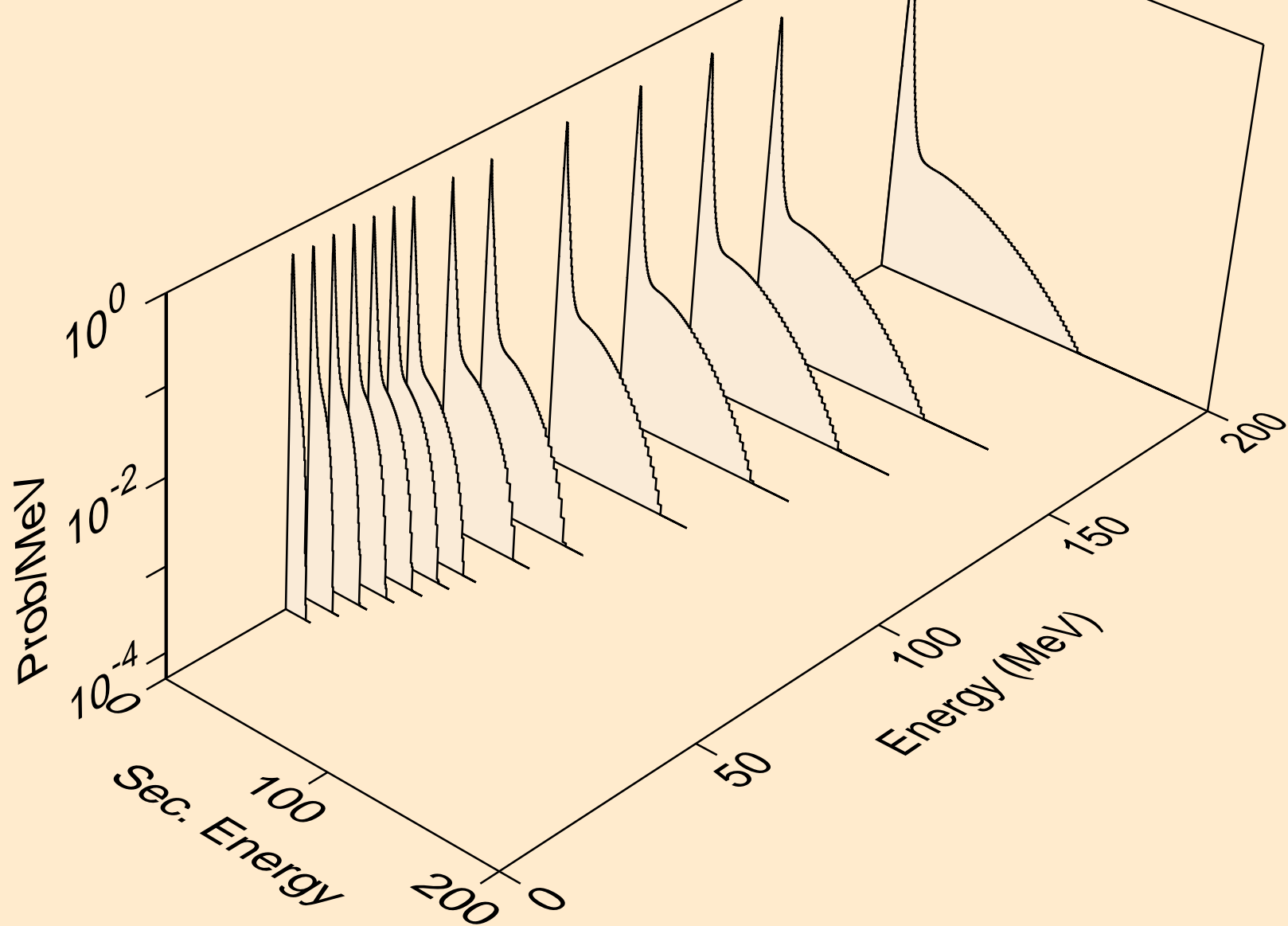
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Particle production cross sections



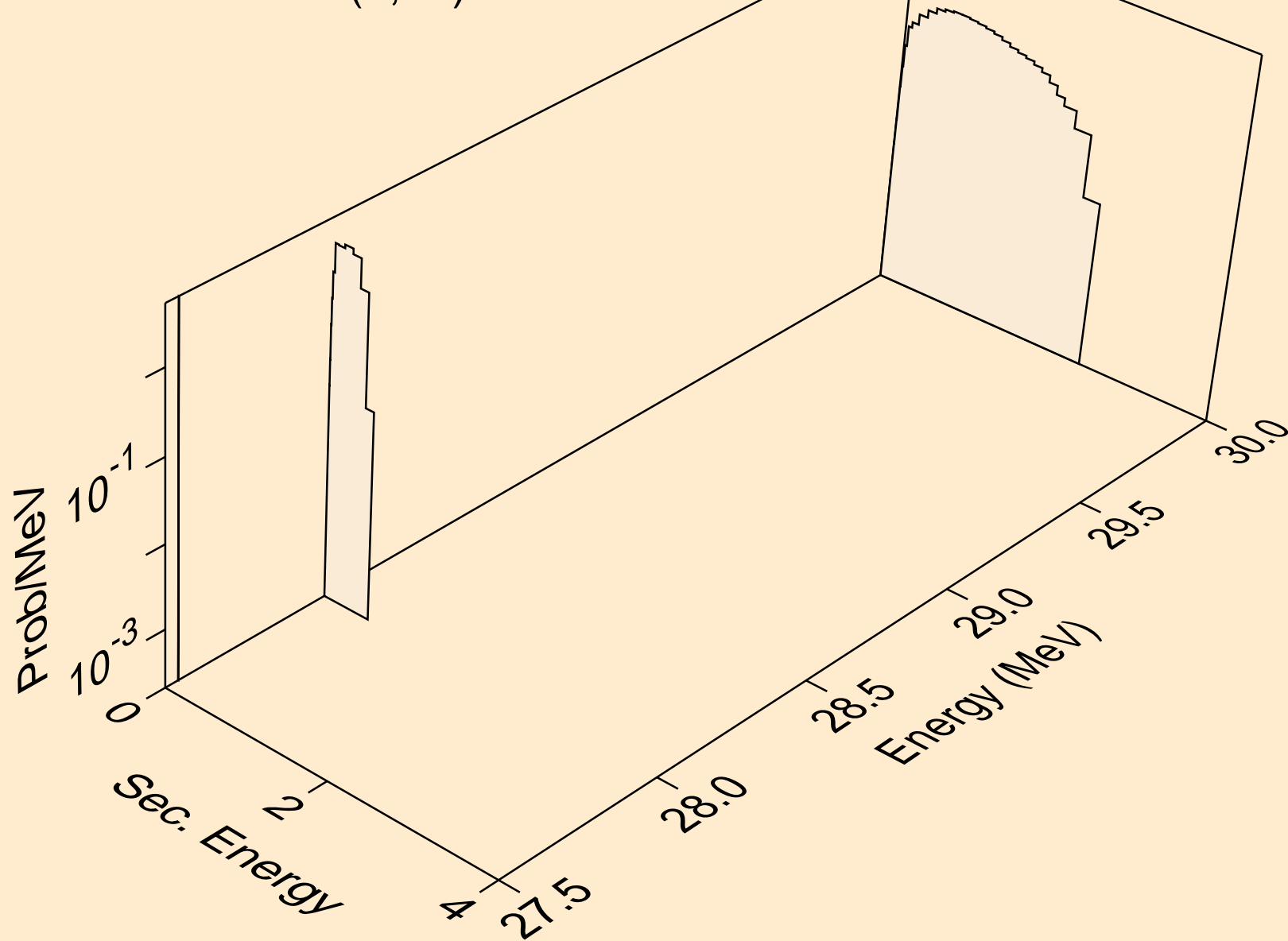
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n)



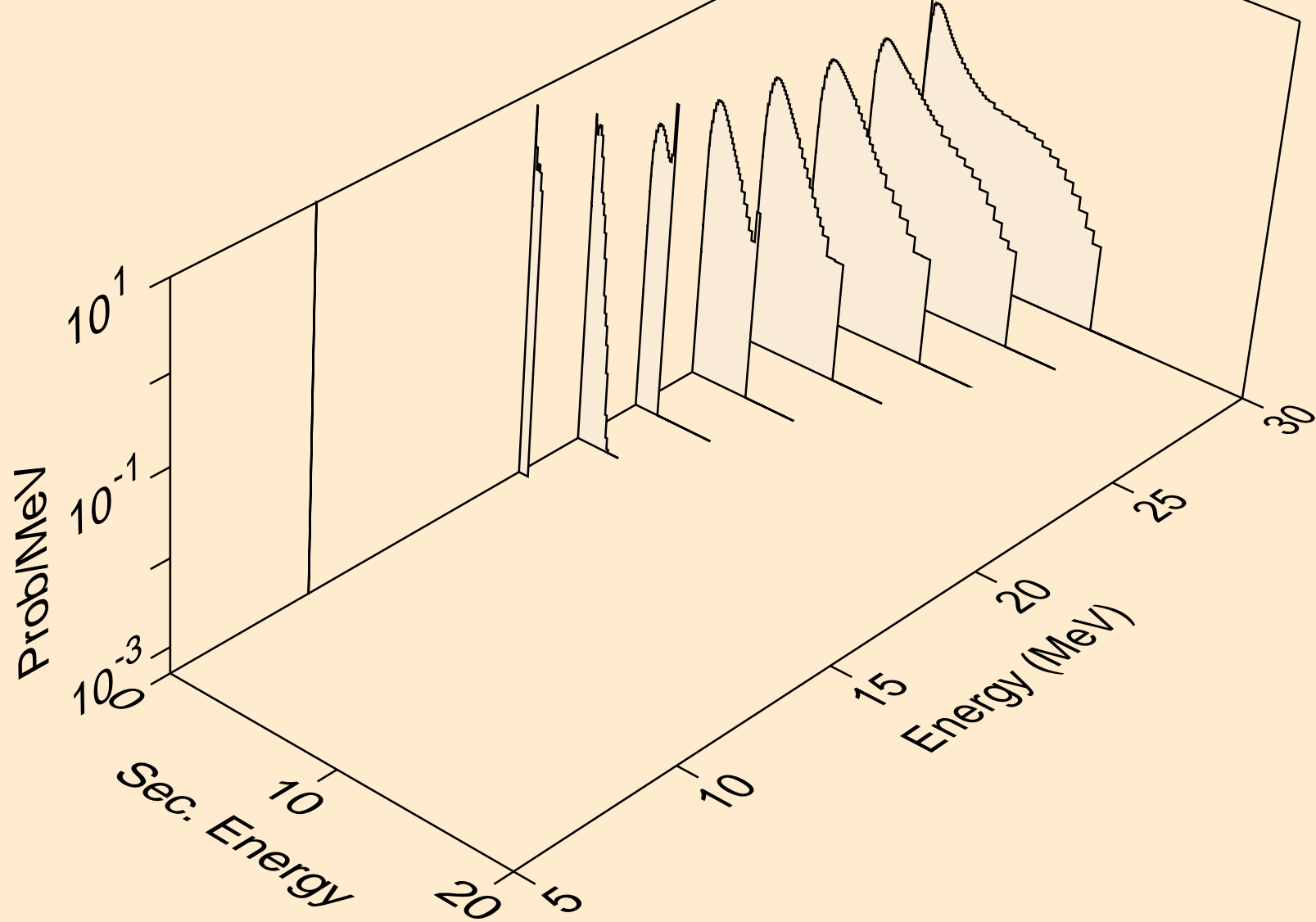
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,x)



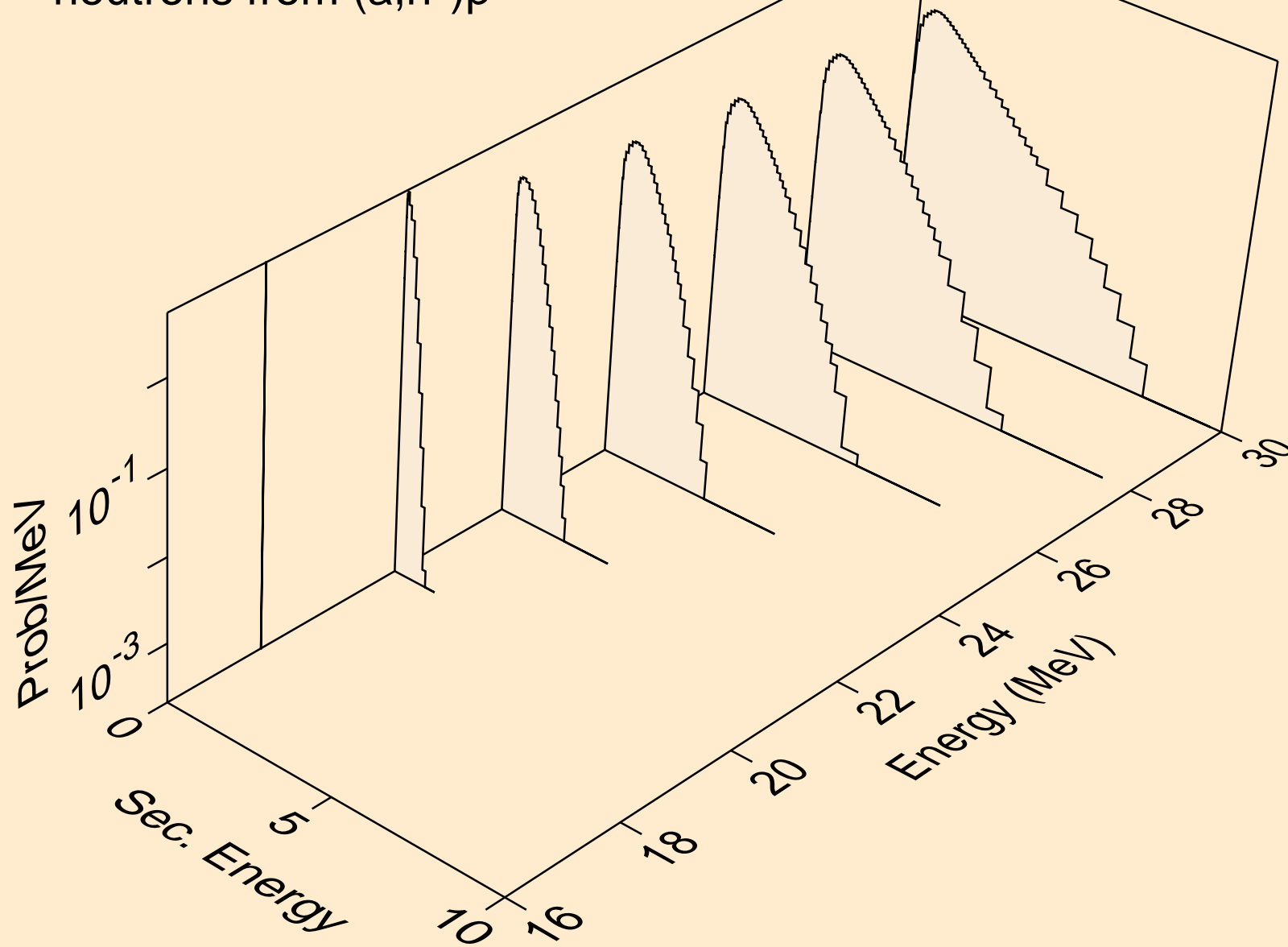
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)



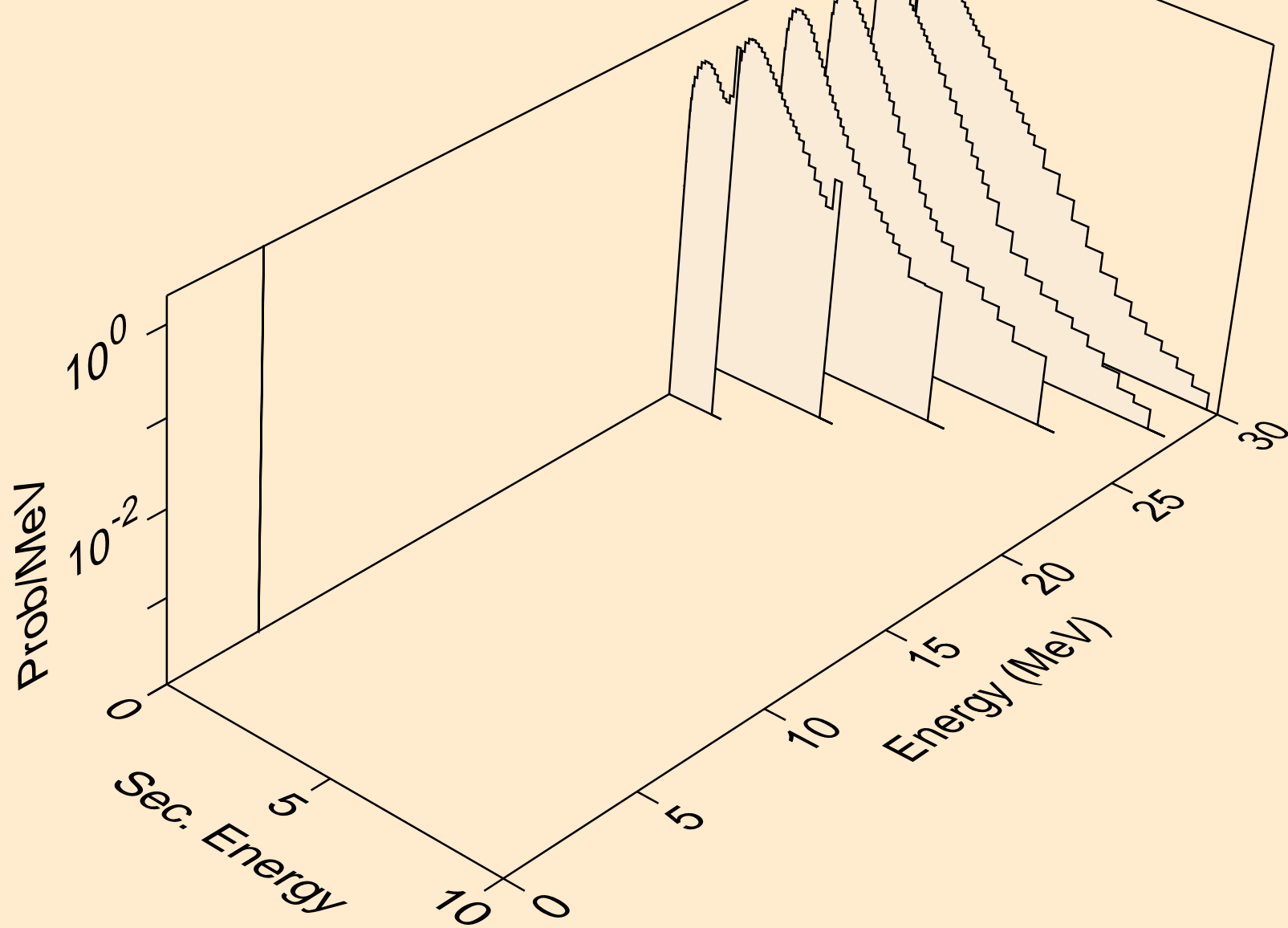
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)a



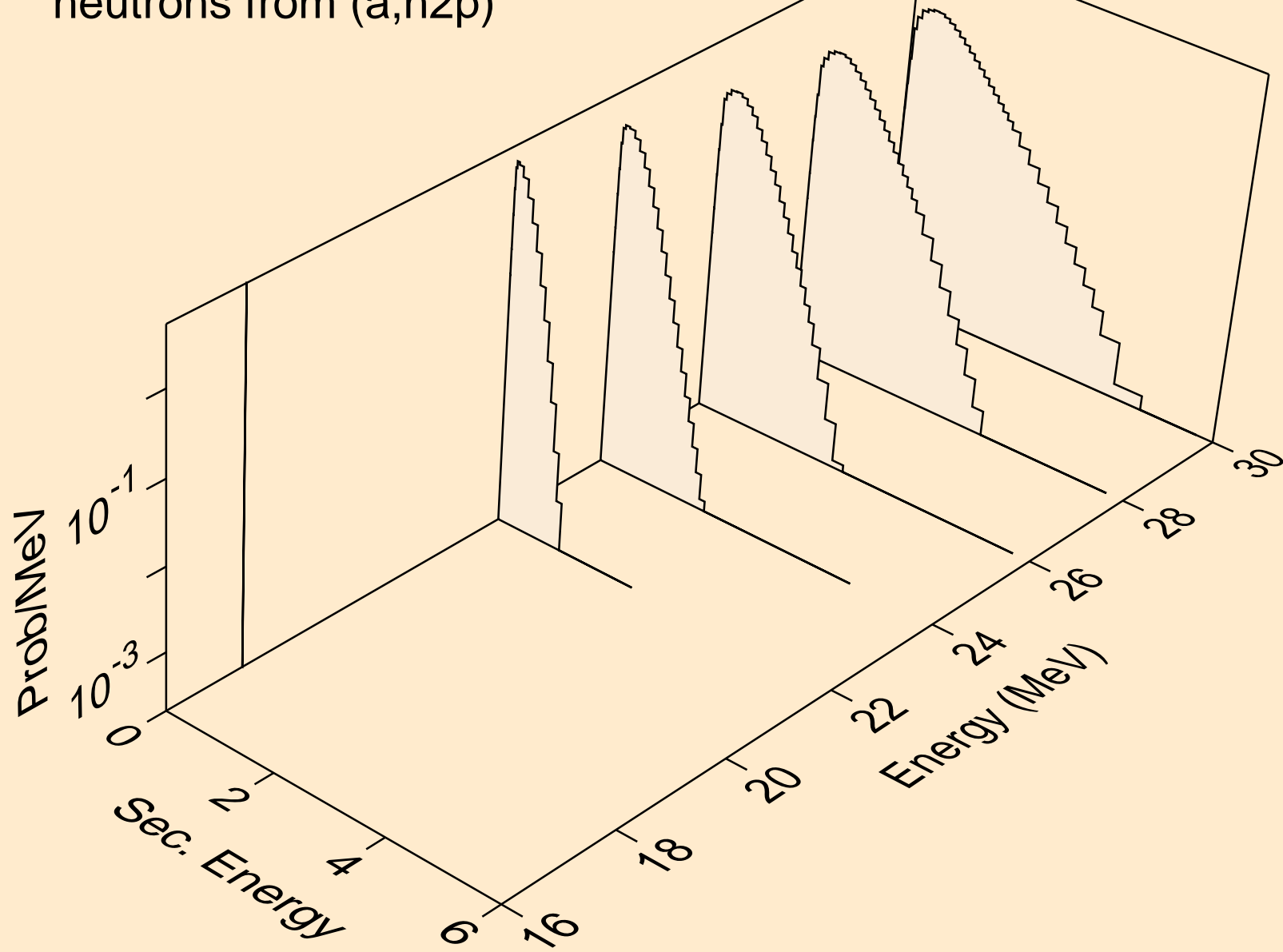
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)p



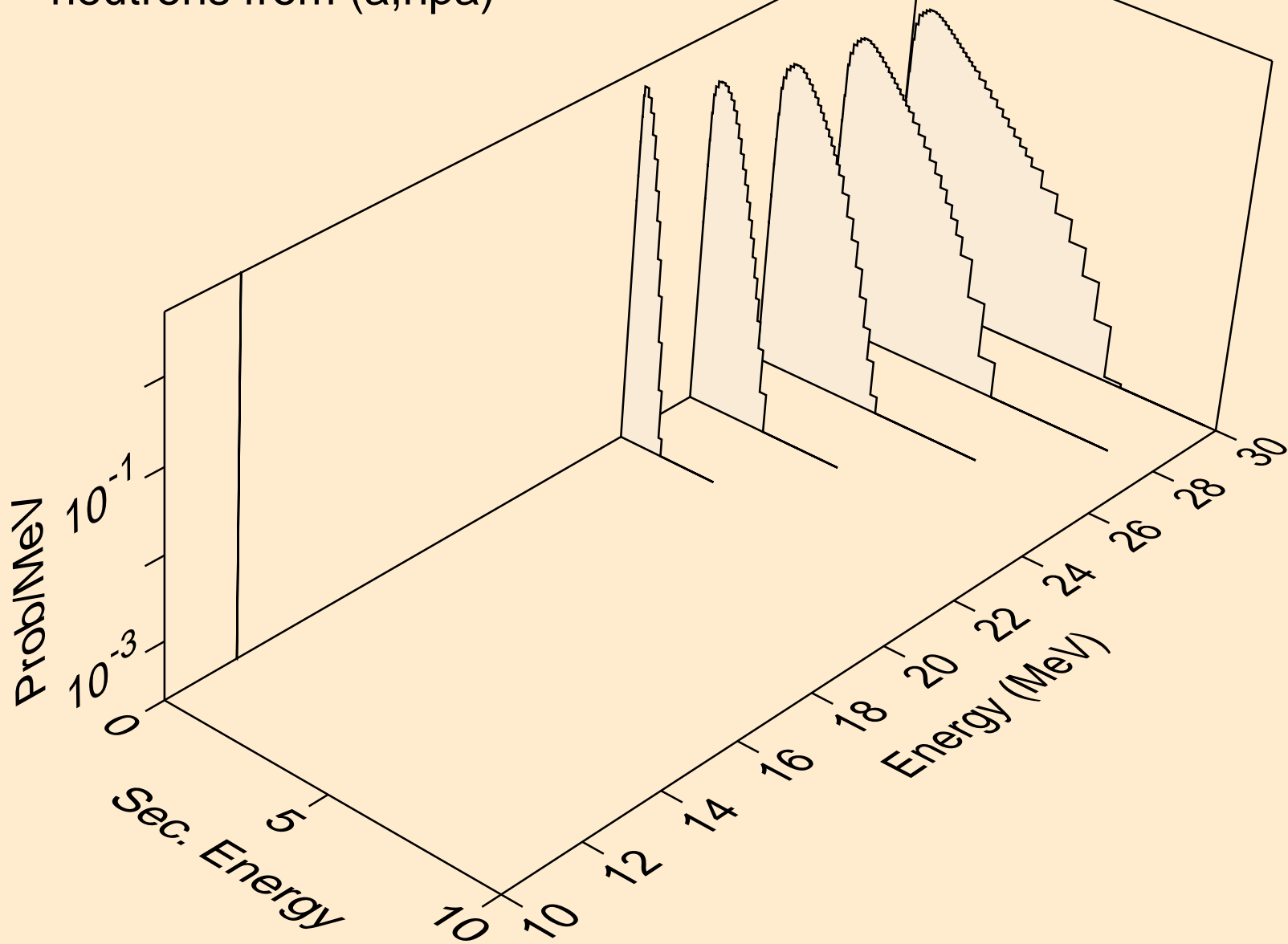
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)2a



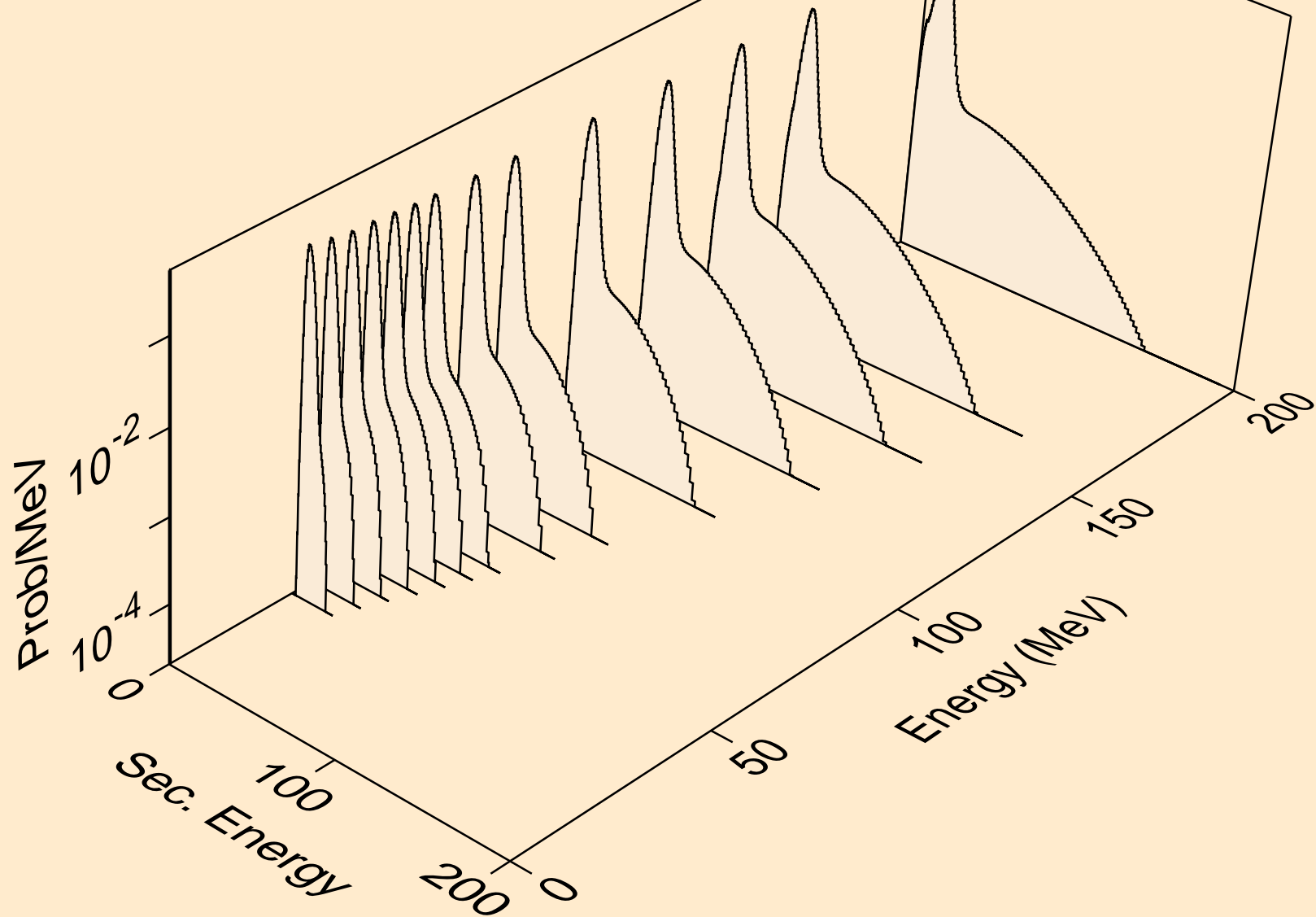
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n2p)



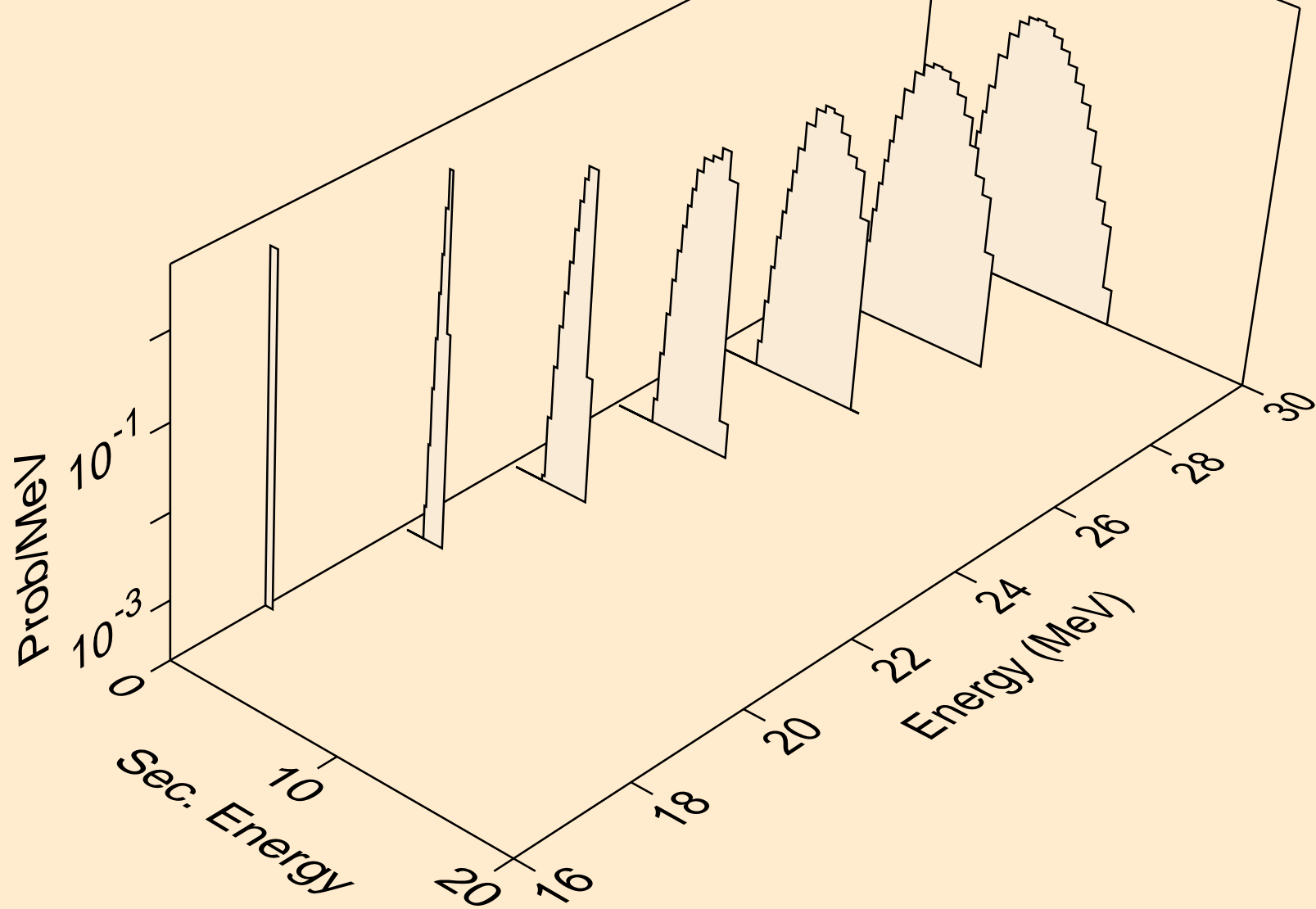
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,npa)



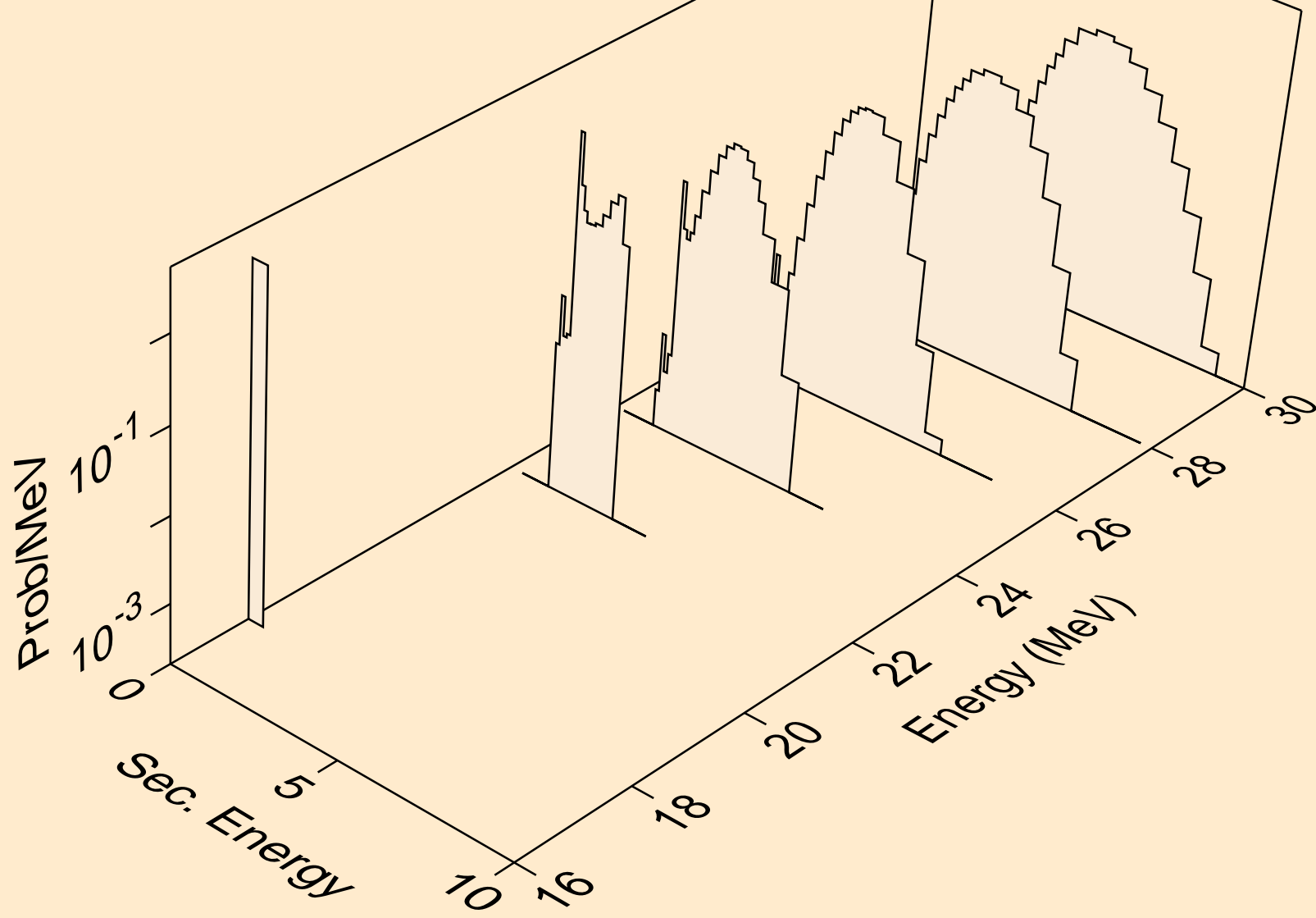
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,x)



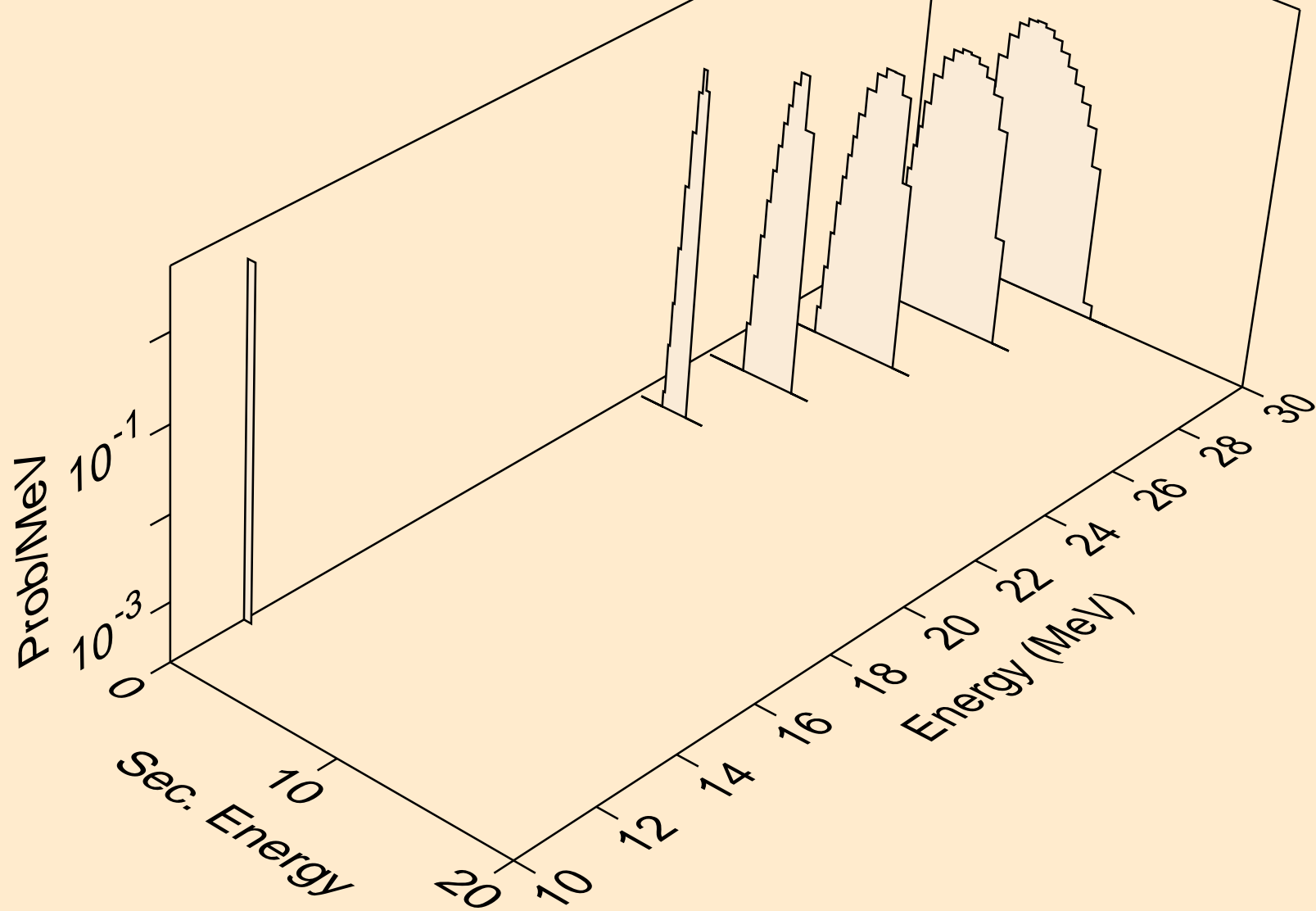
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,n*)p



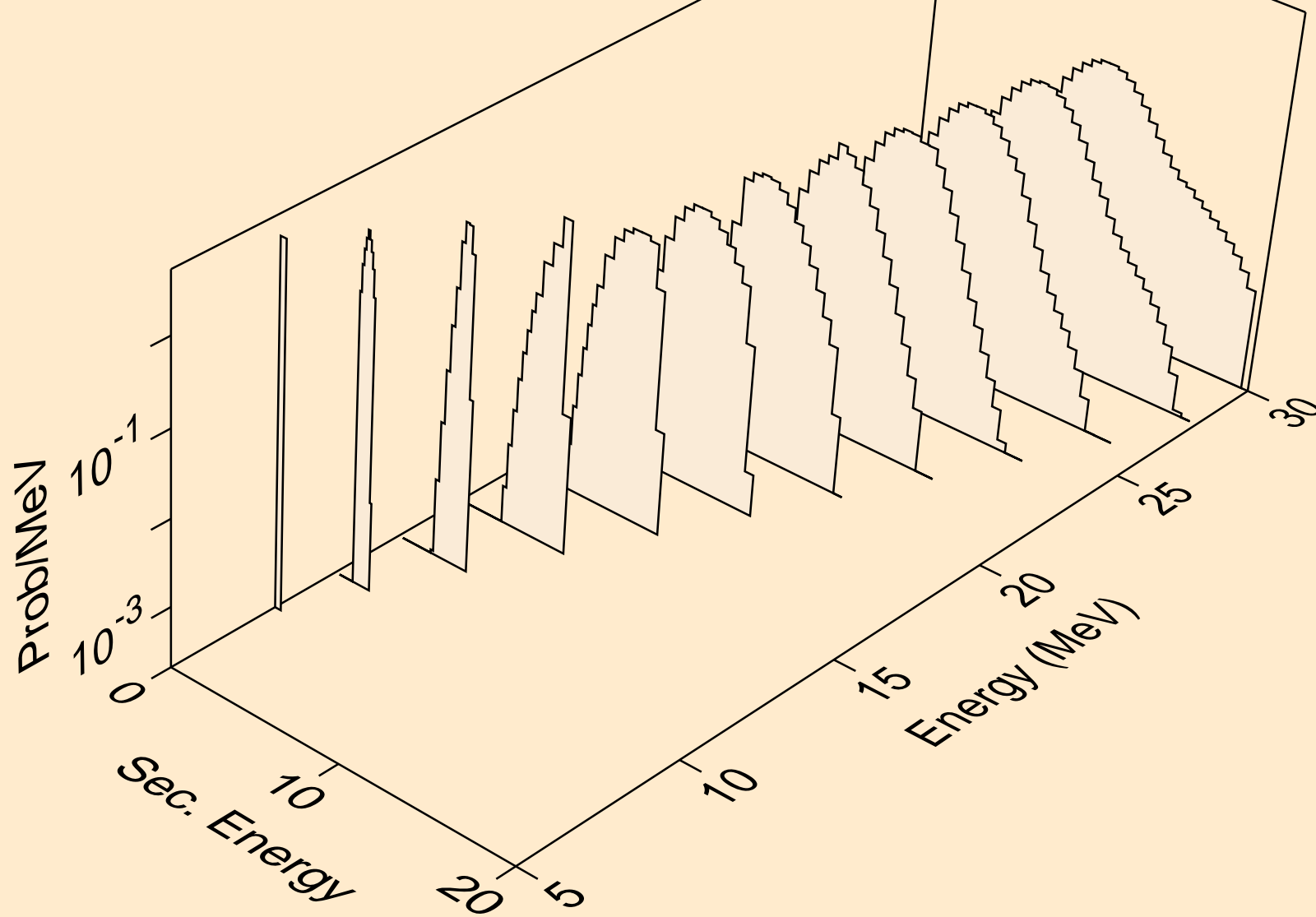
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,n2p)



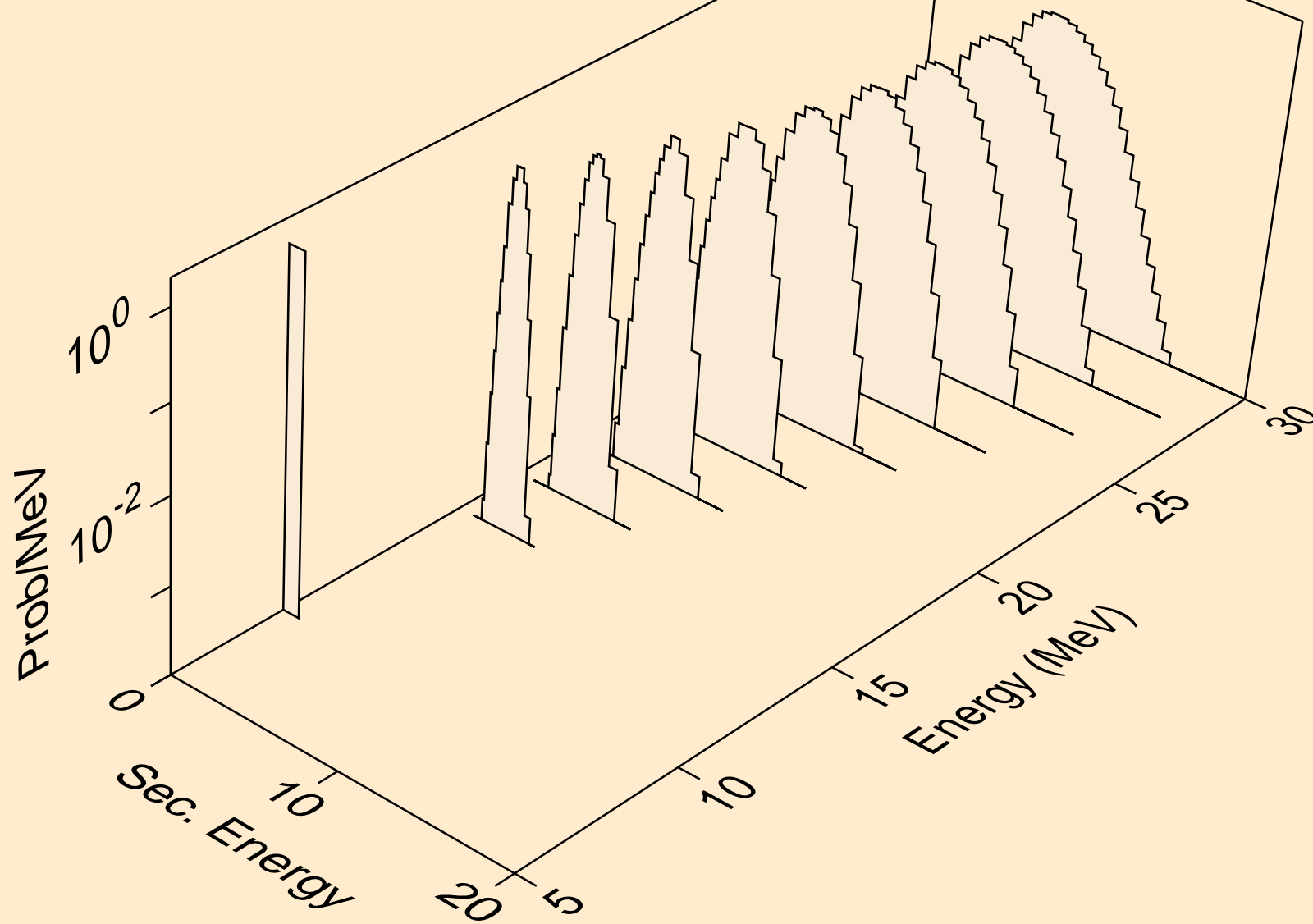
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,npa)



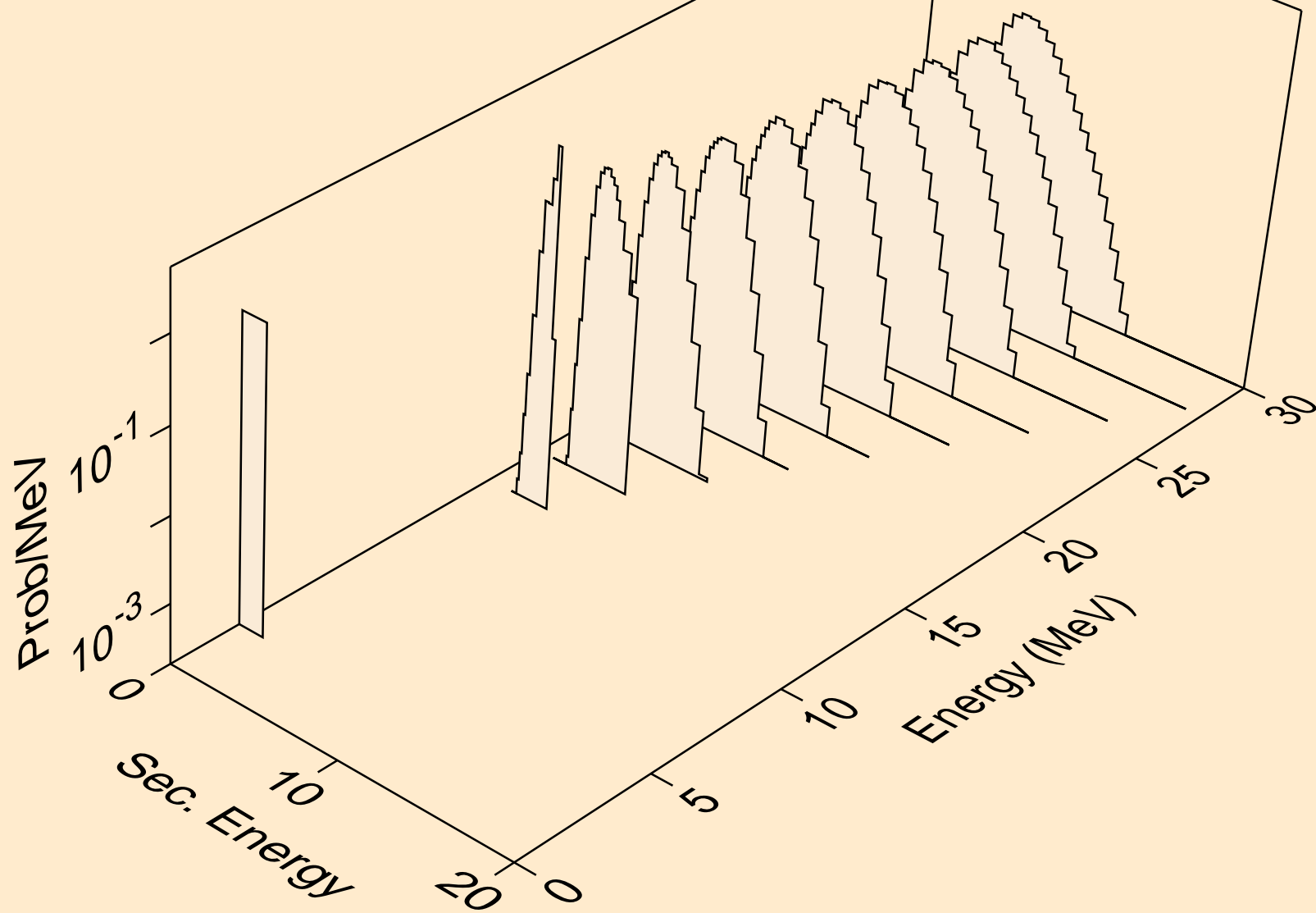
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,p)



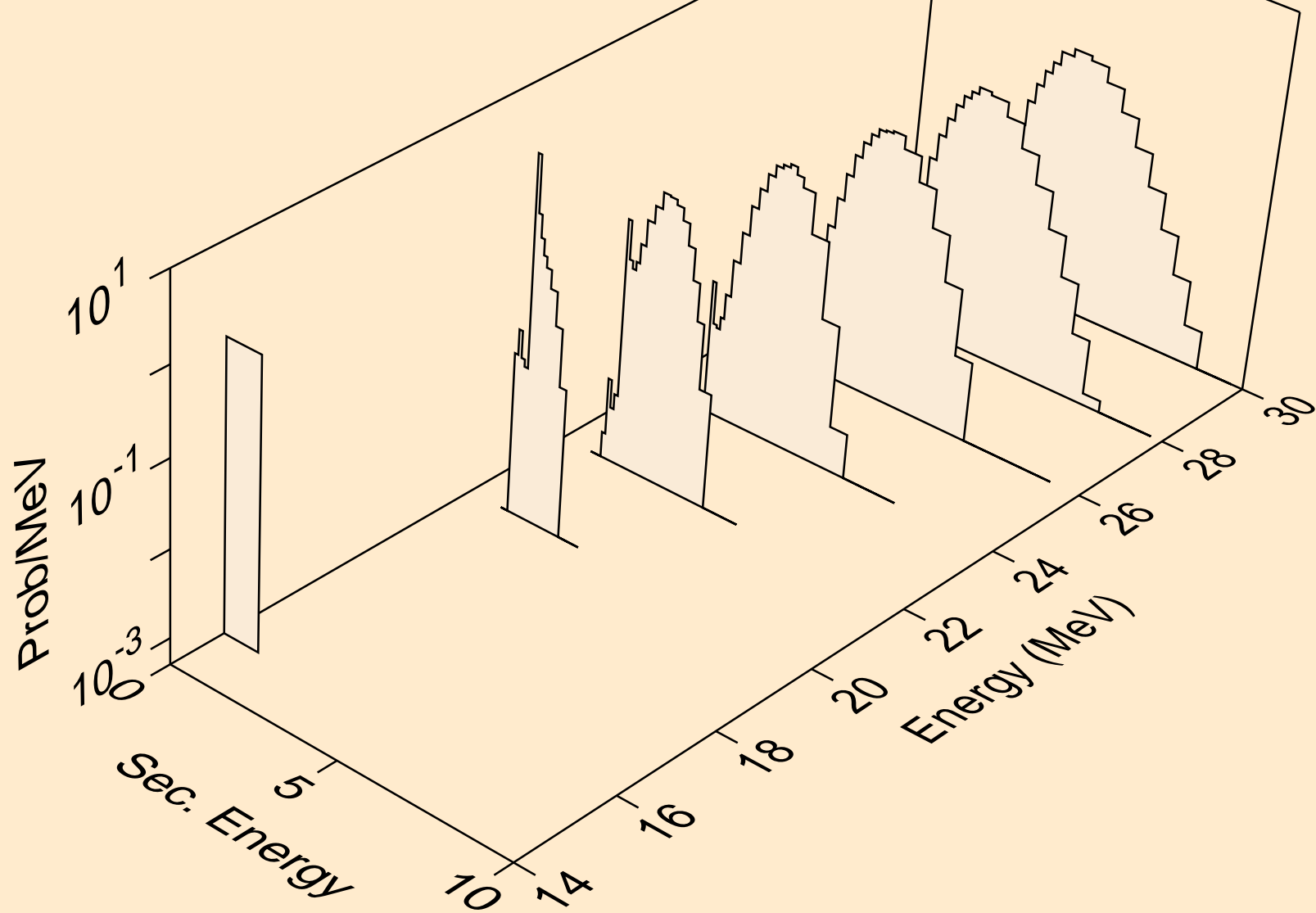
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,2p)



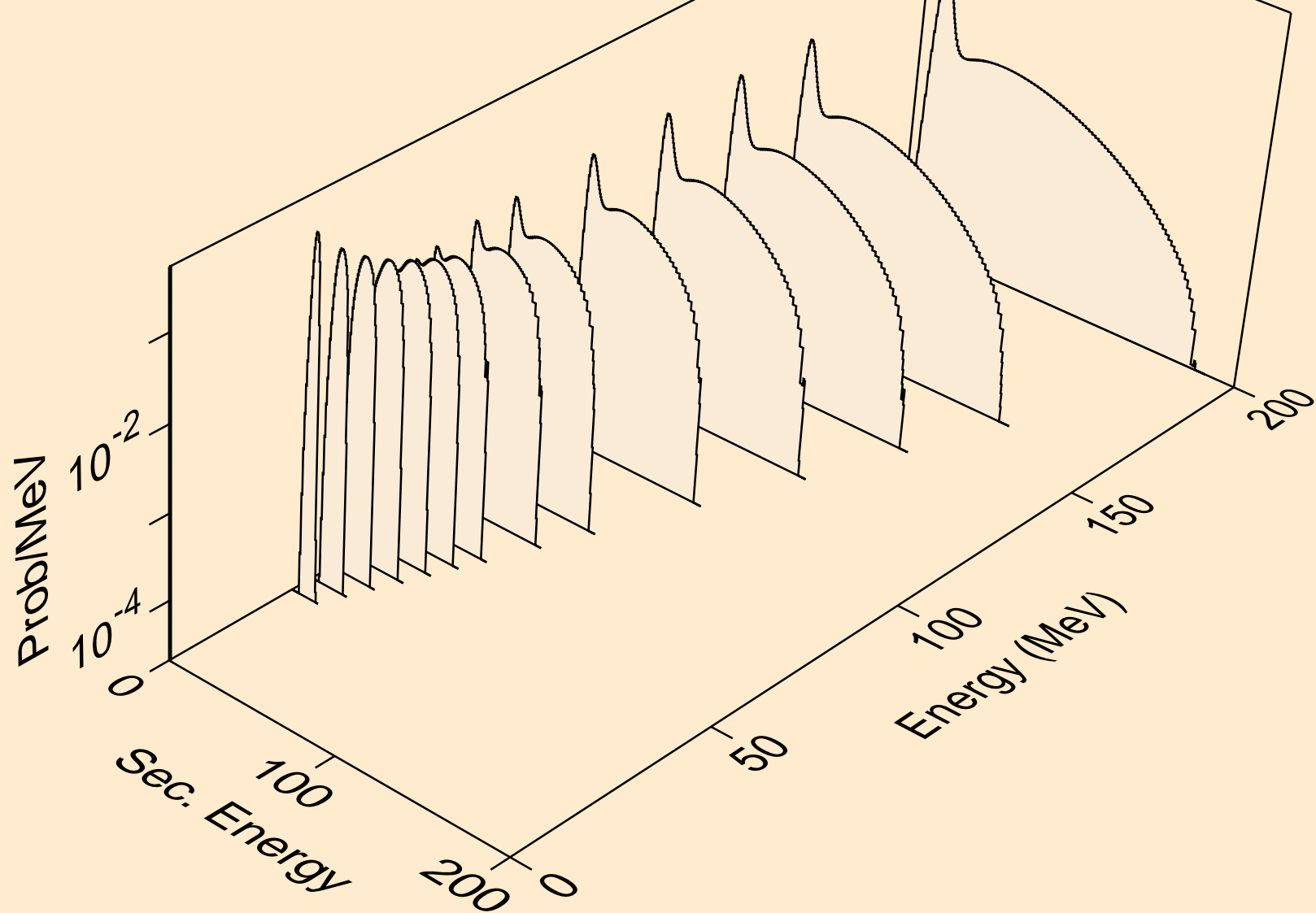
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,pa)



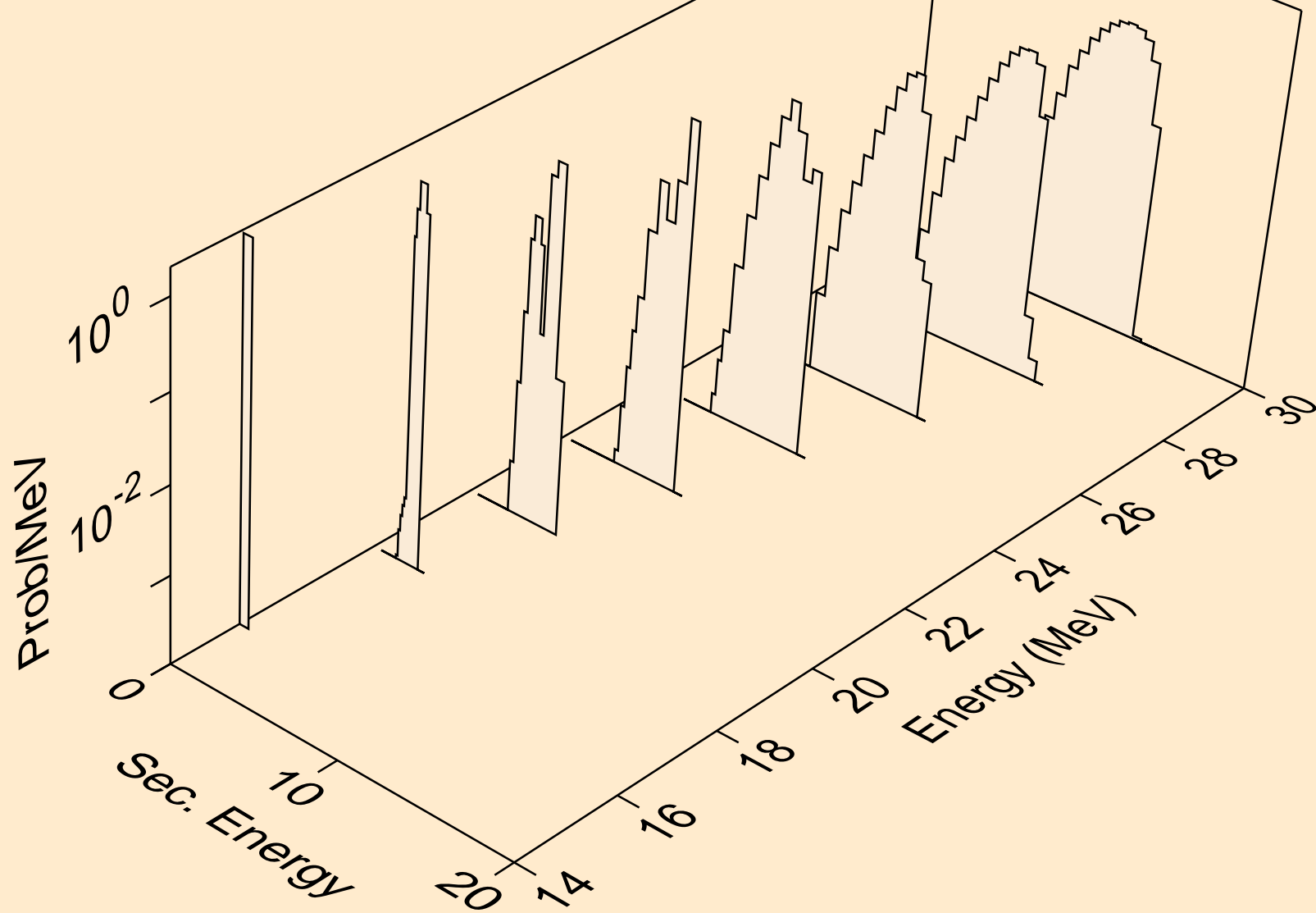
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,pd)



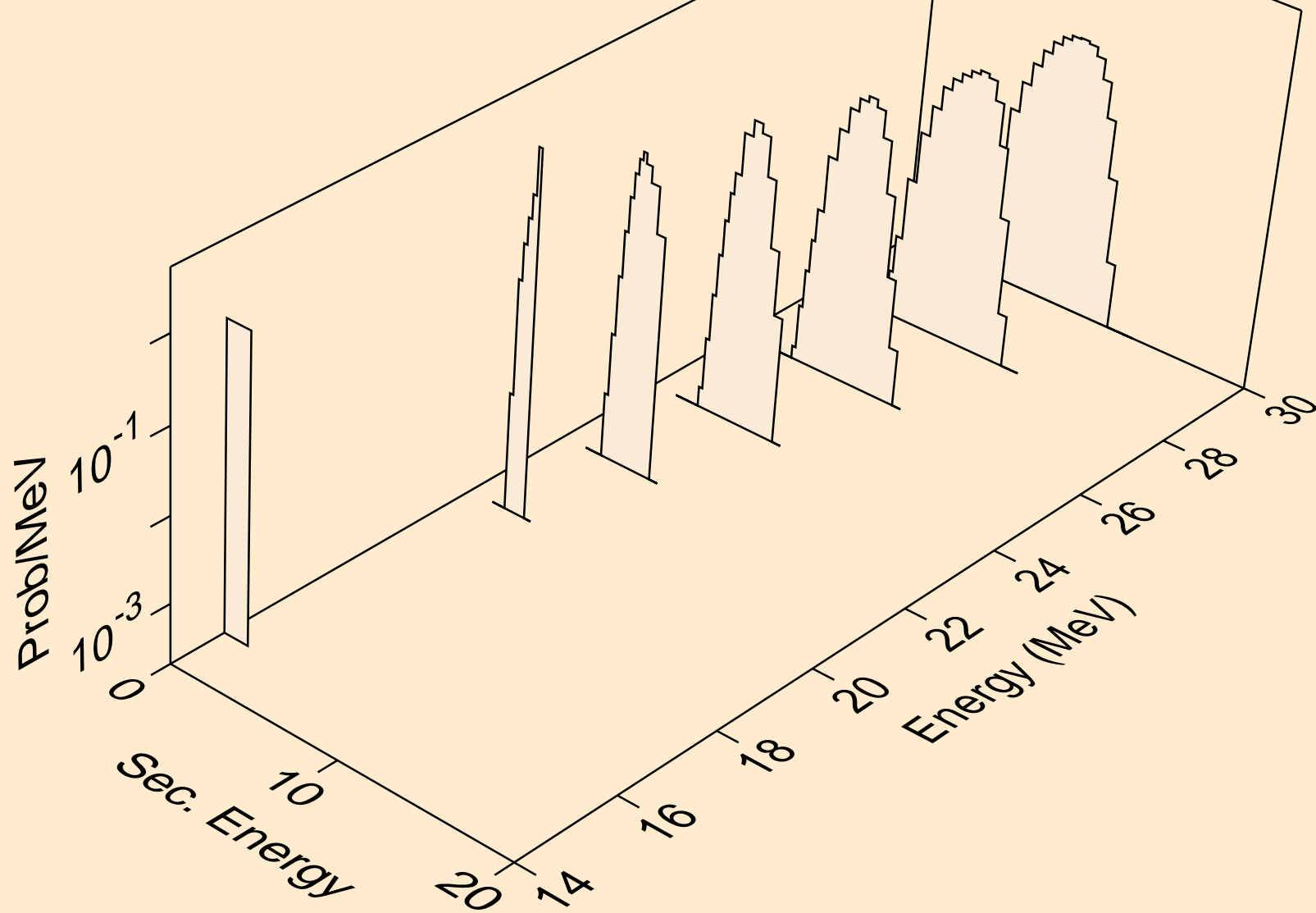
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,x)



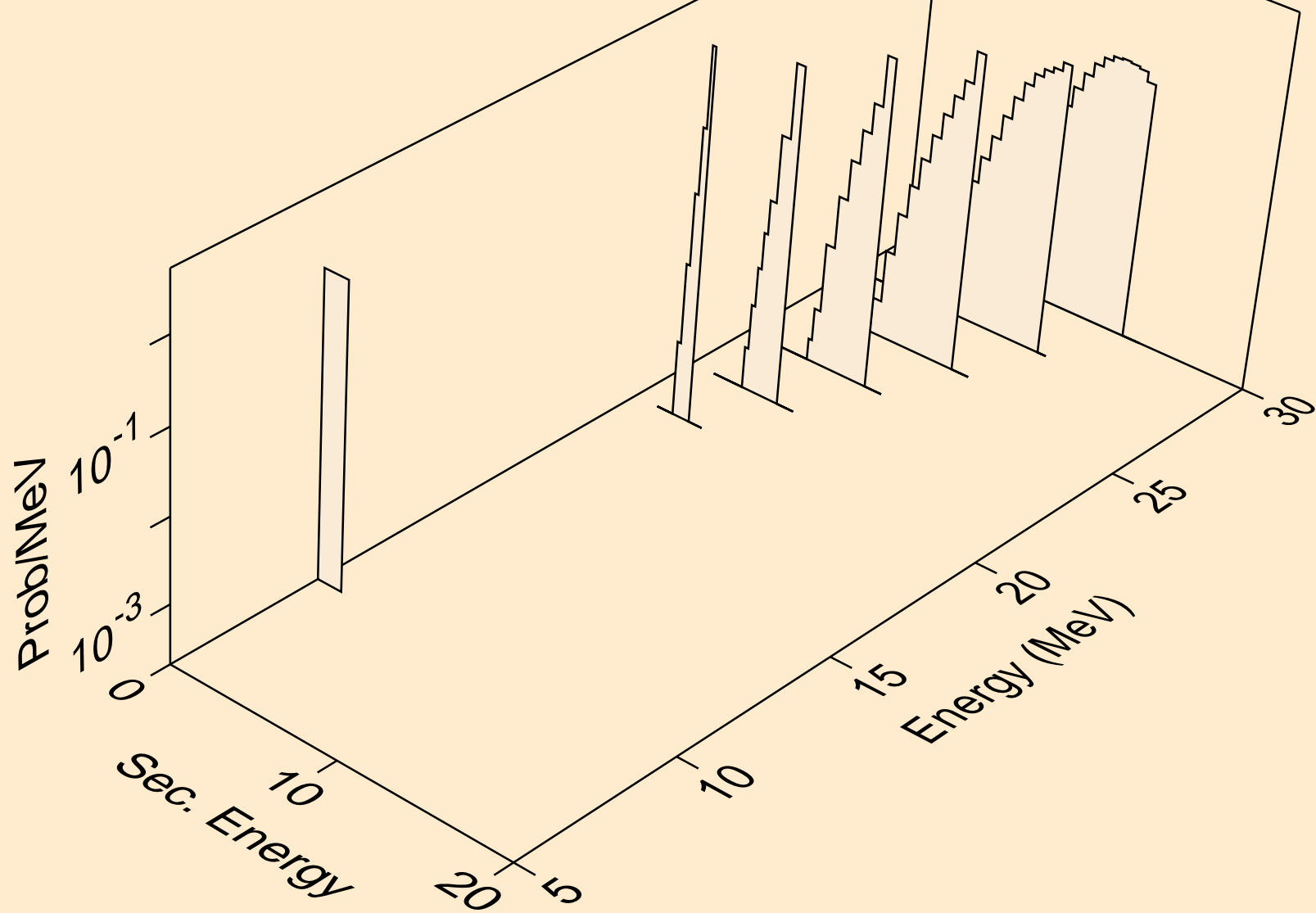
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,d)



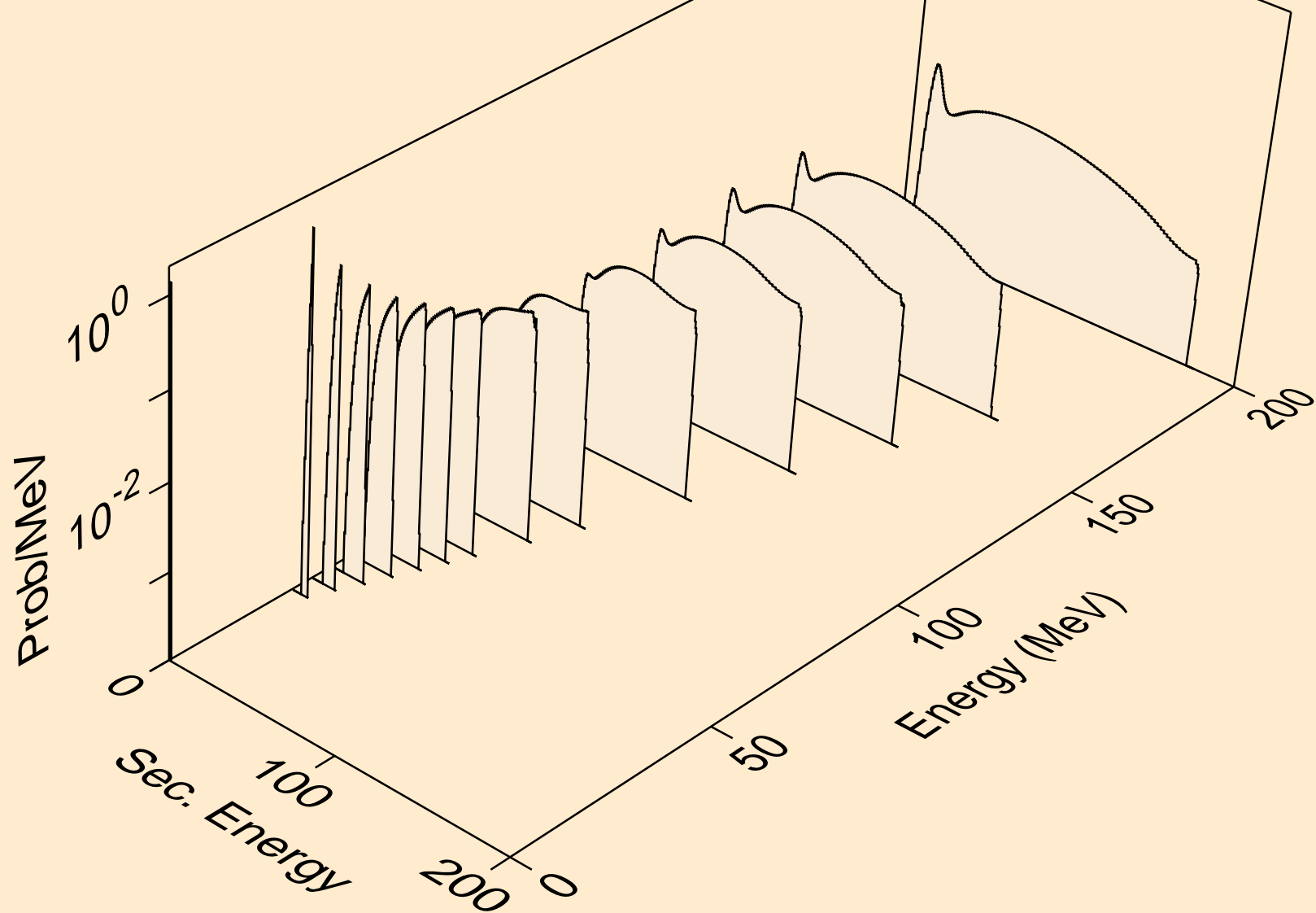
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,pd)



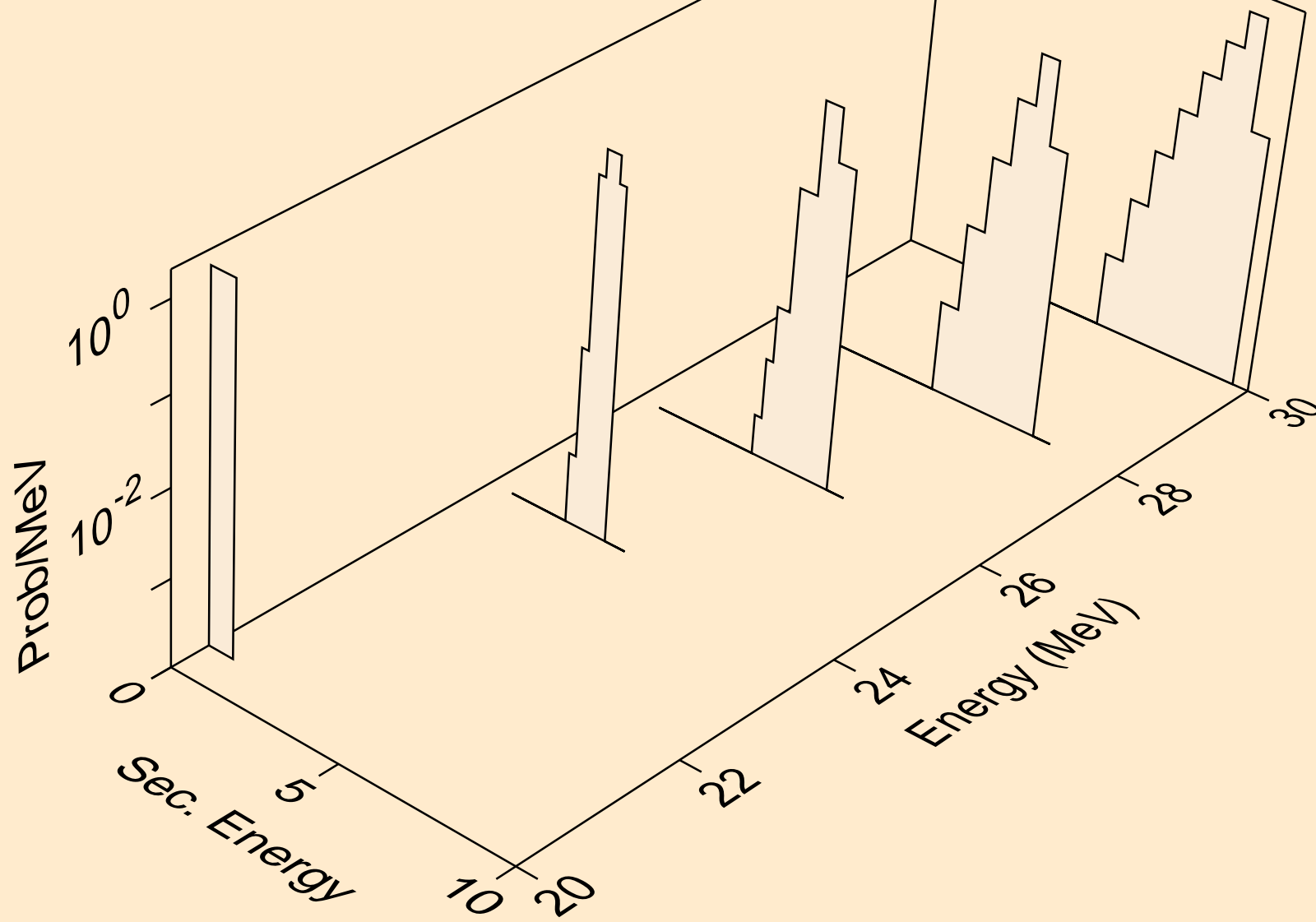
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,da)



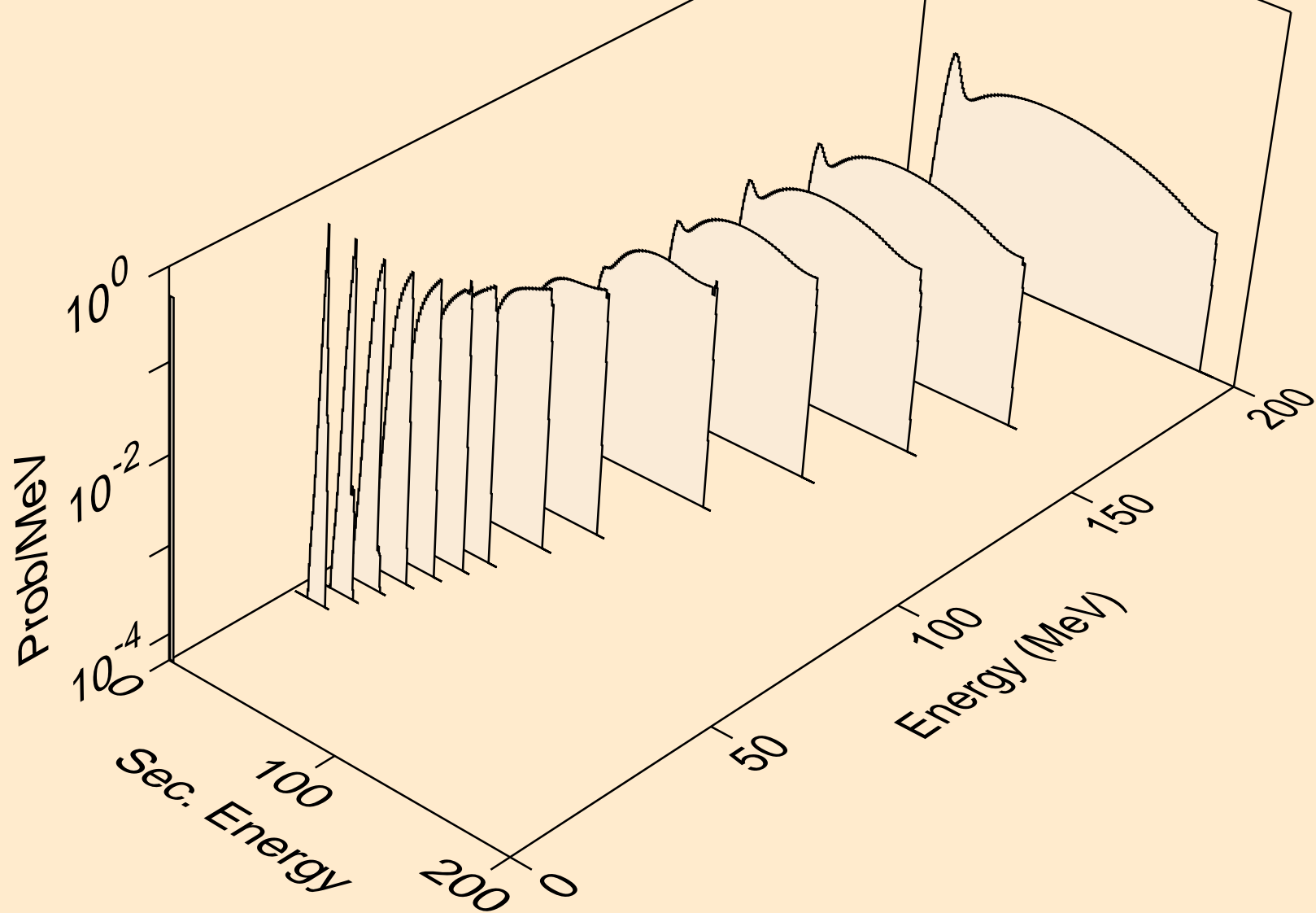
W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,x)



W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,t)



W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,x)



W163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,he3)

