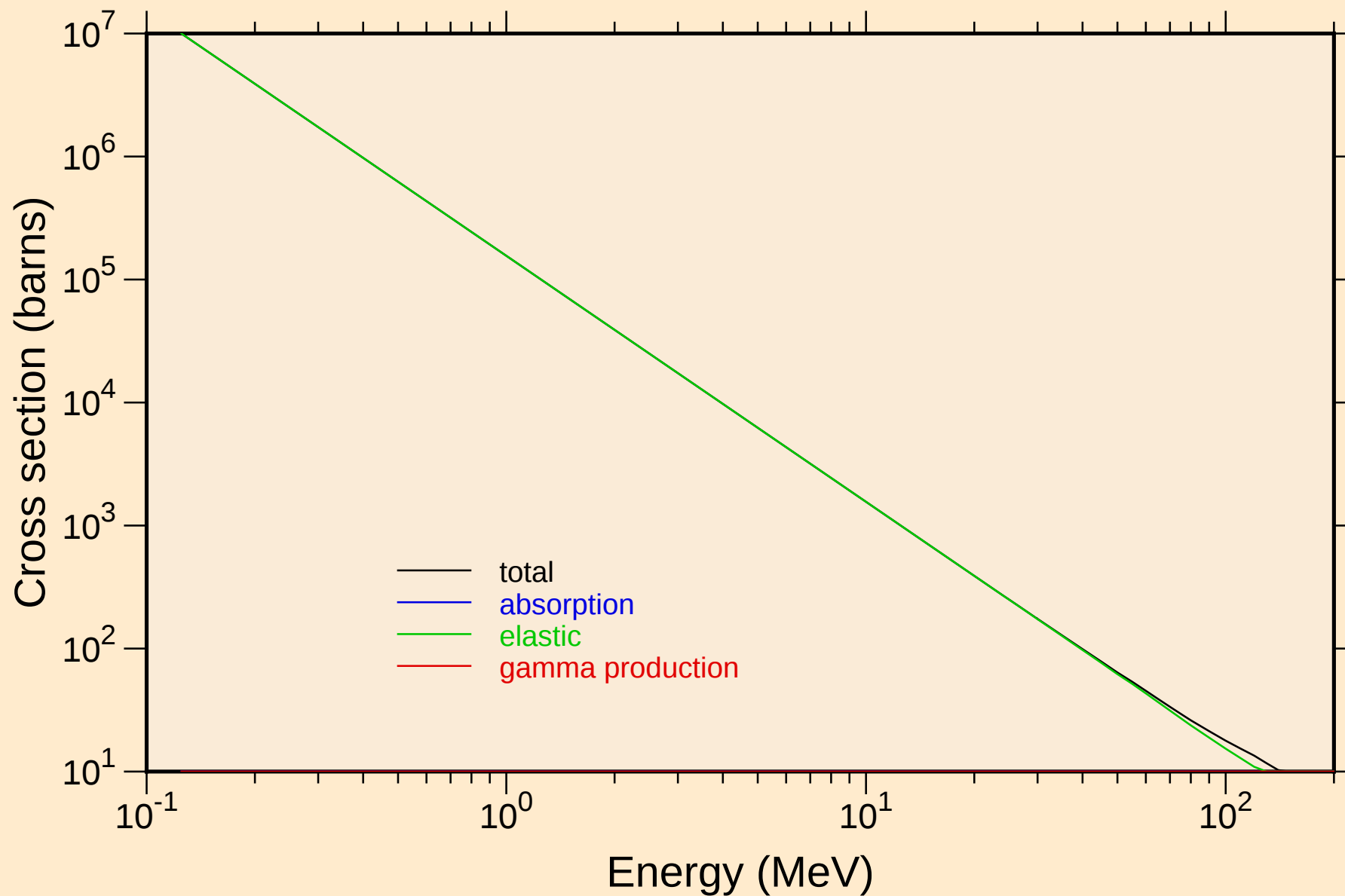


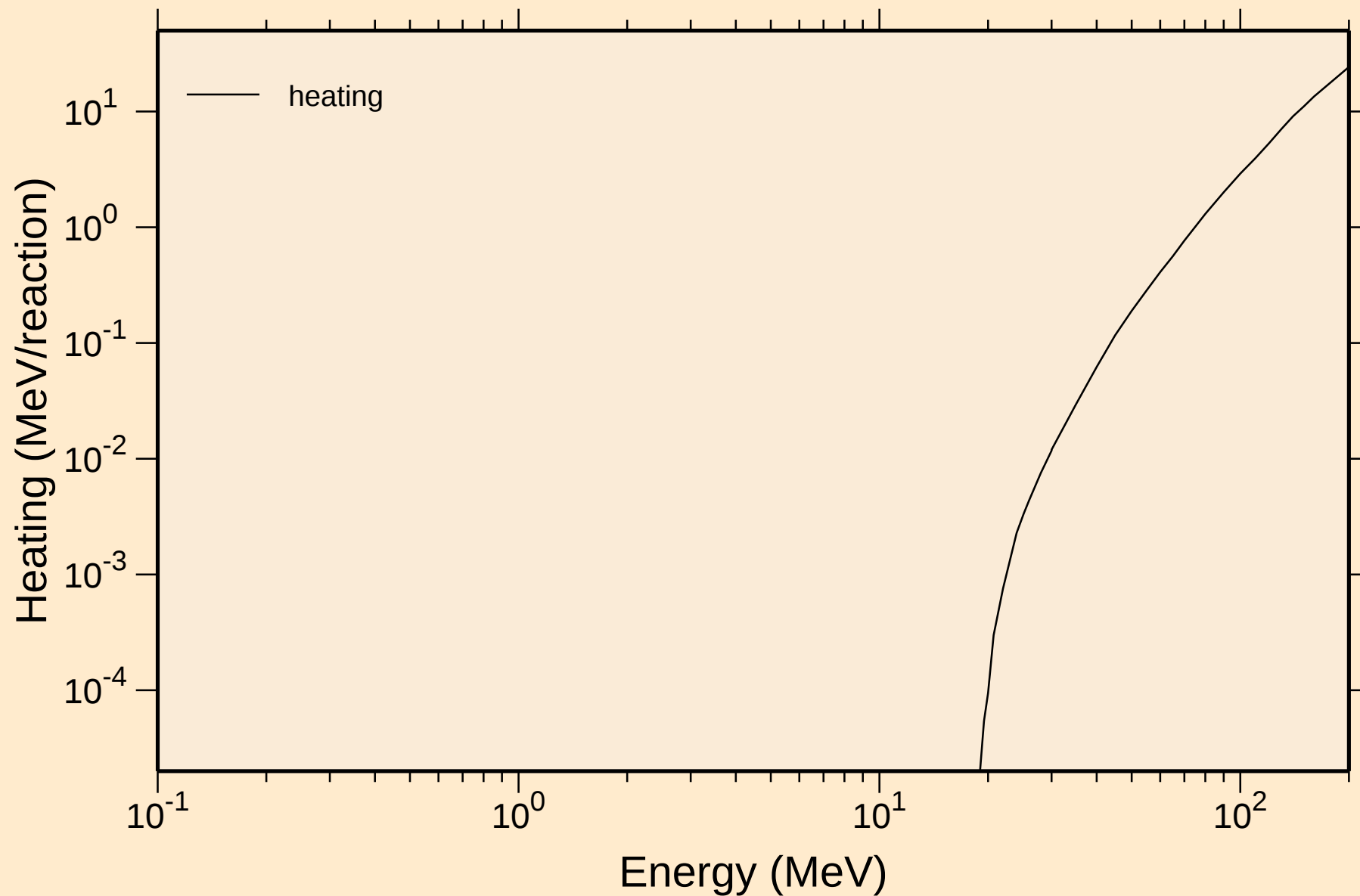
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



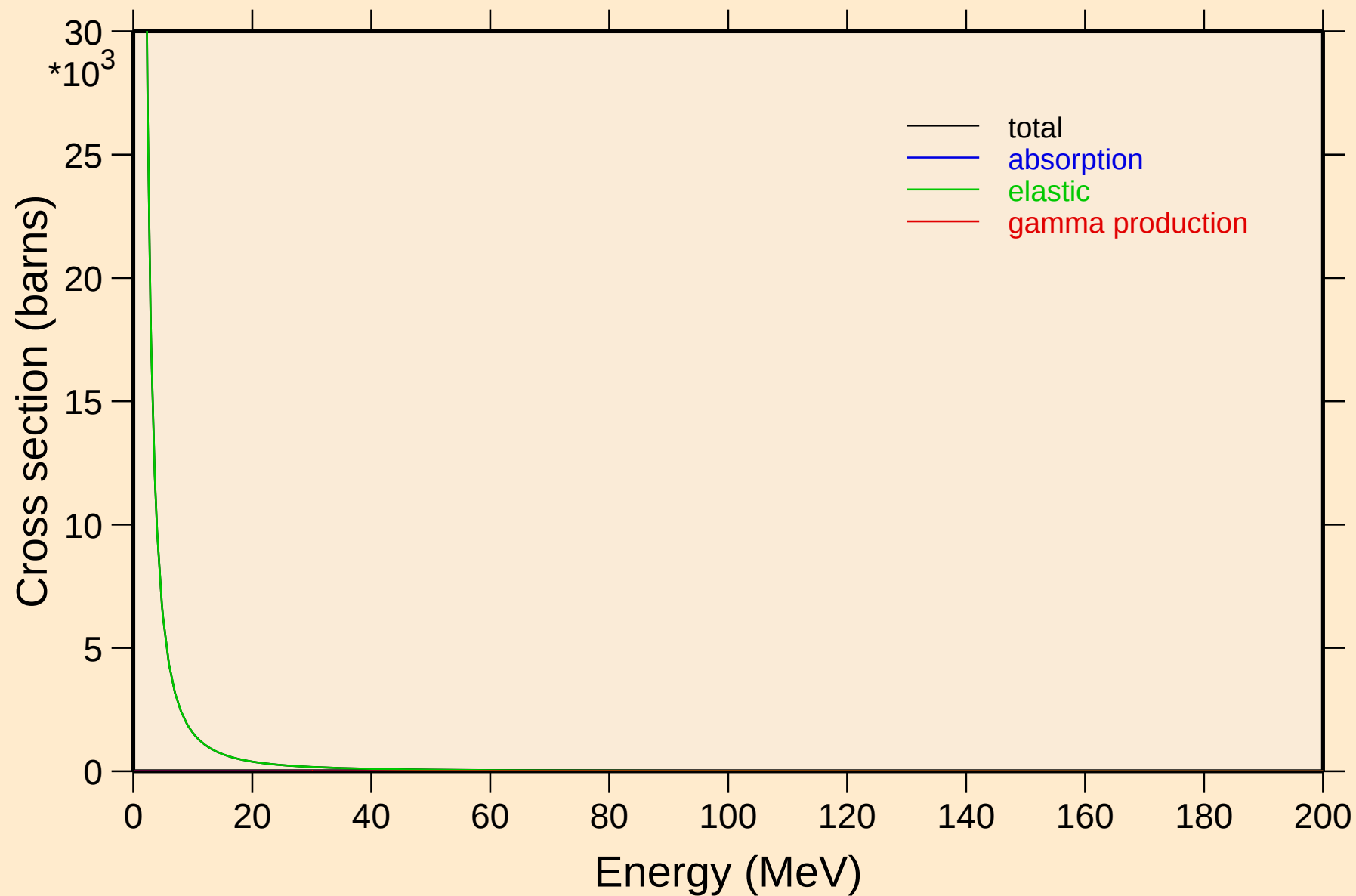
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



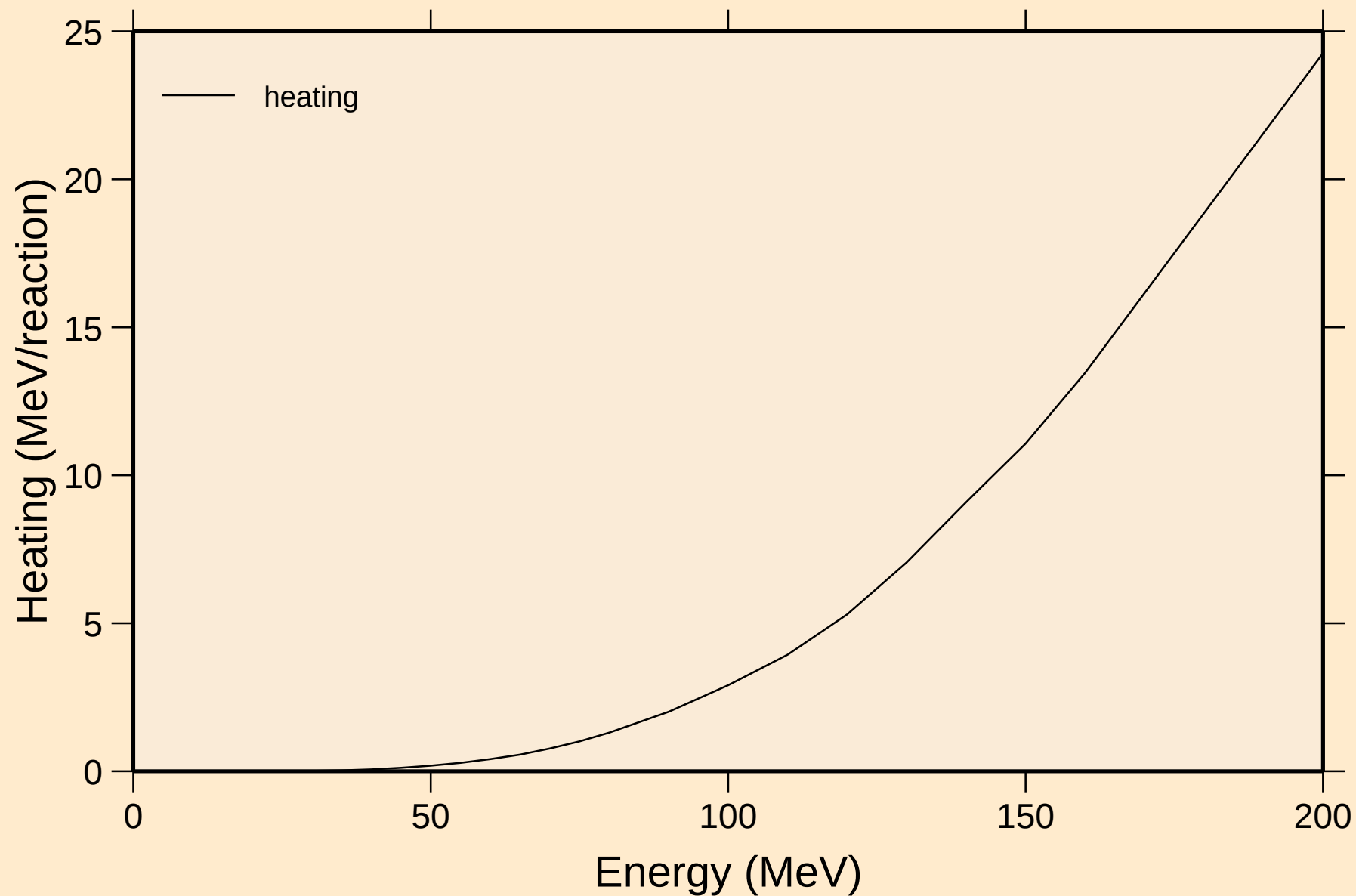
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



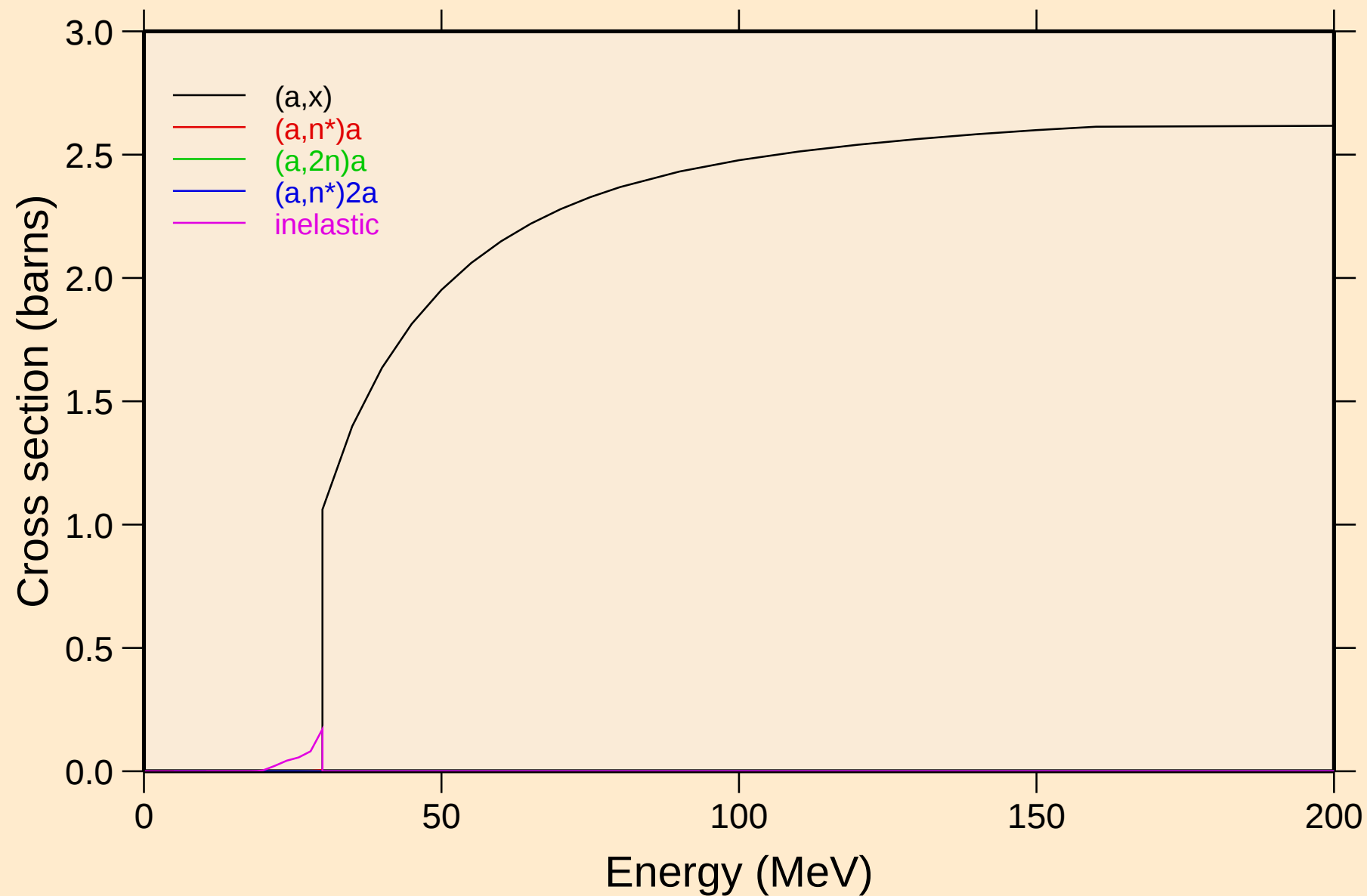
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



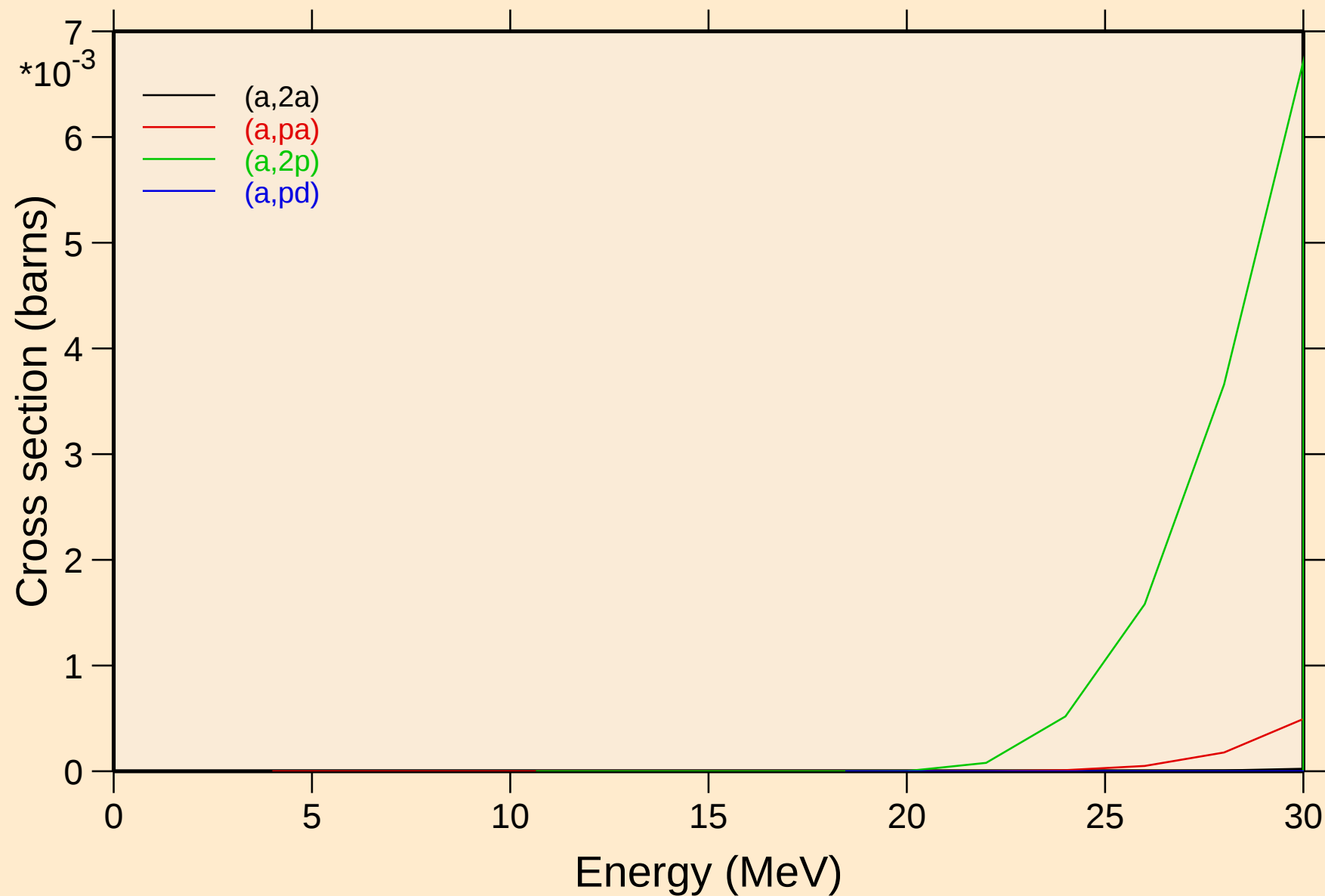
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions

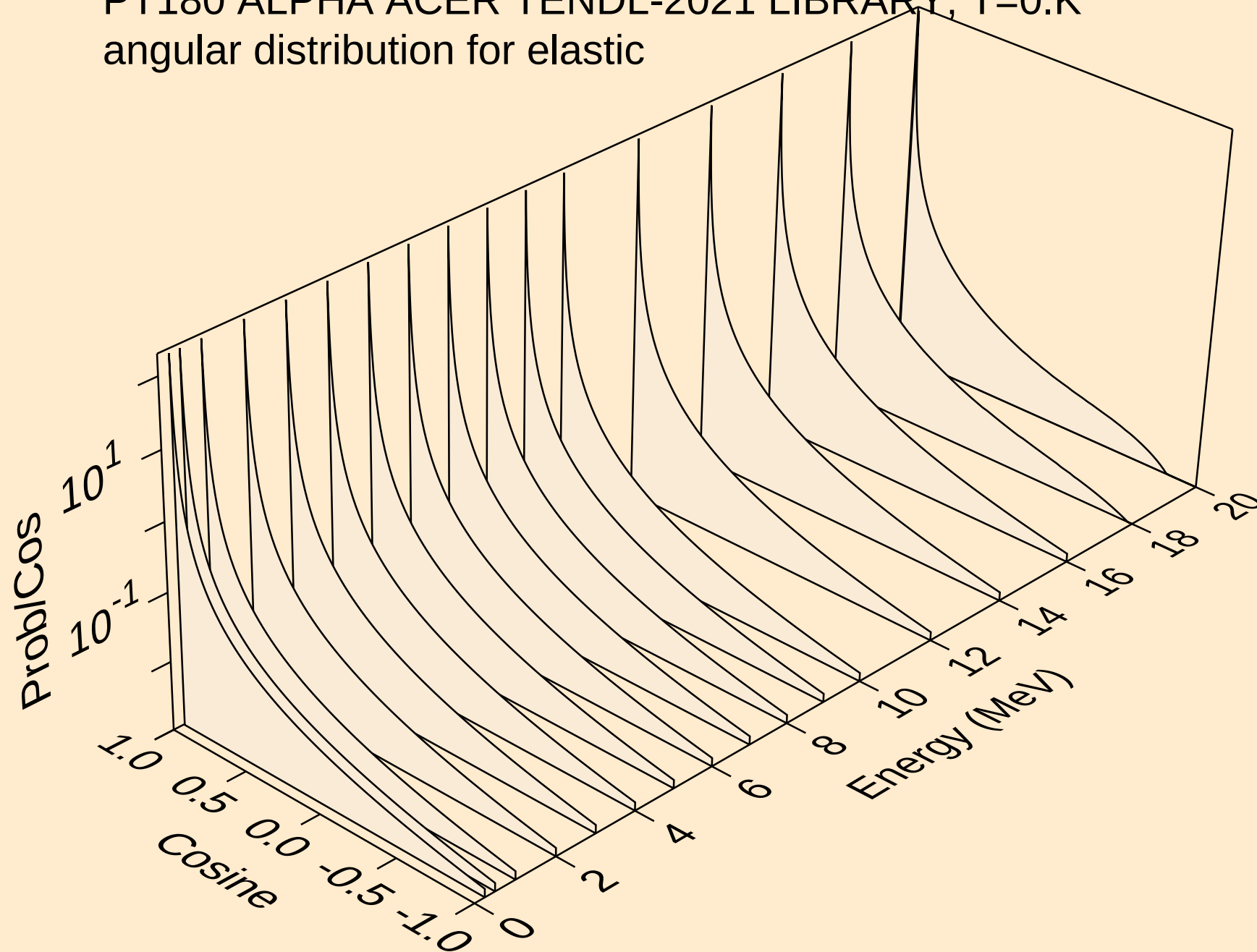


PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

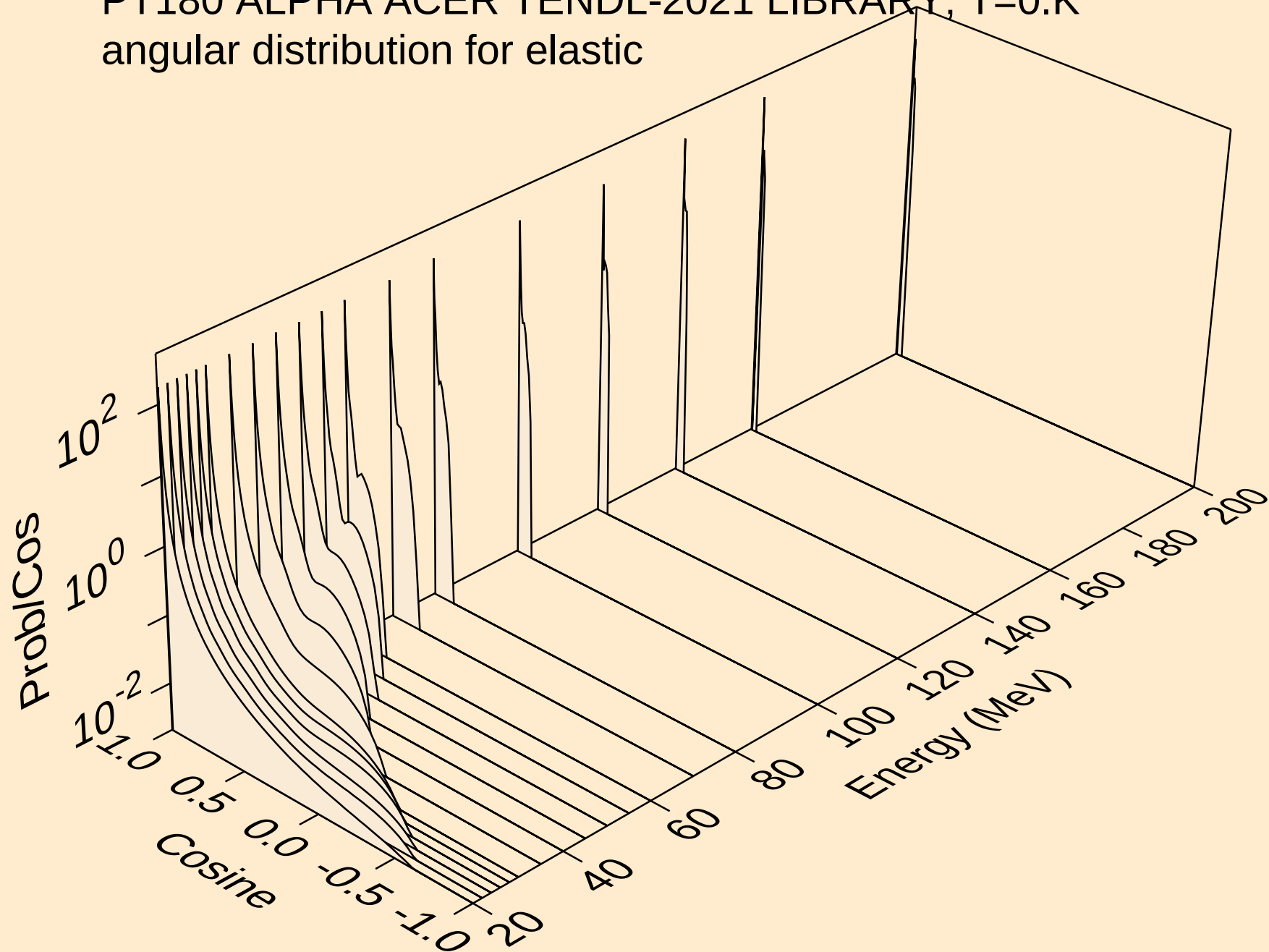
Threshold reactions



PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic

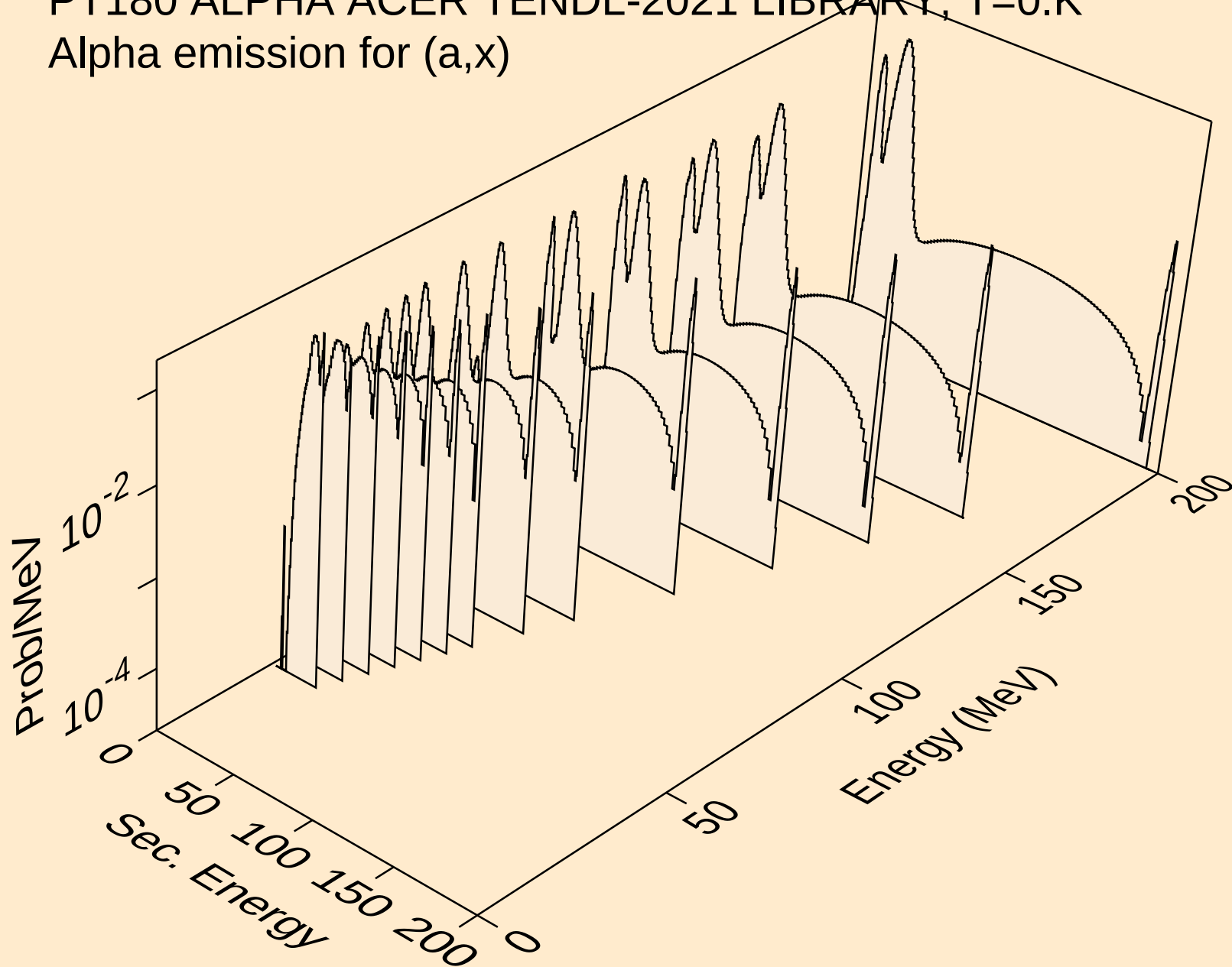


PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic



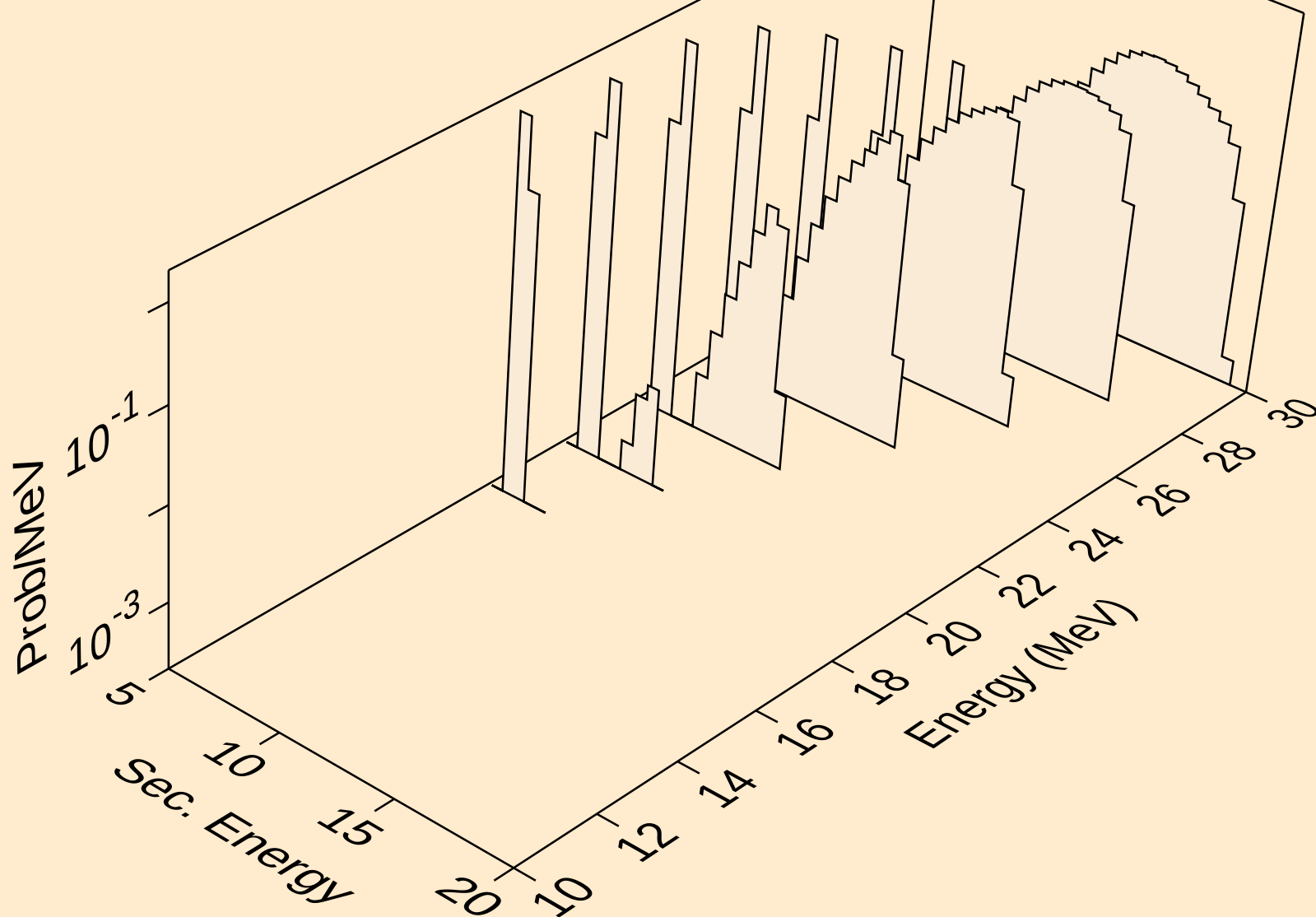
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,x)



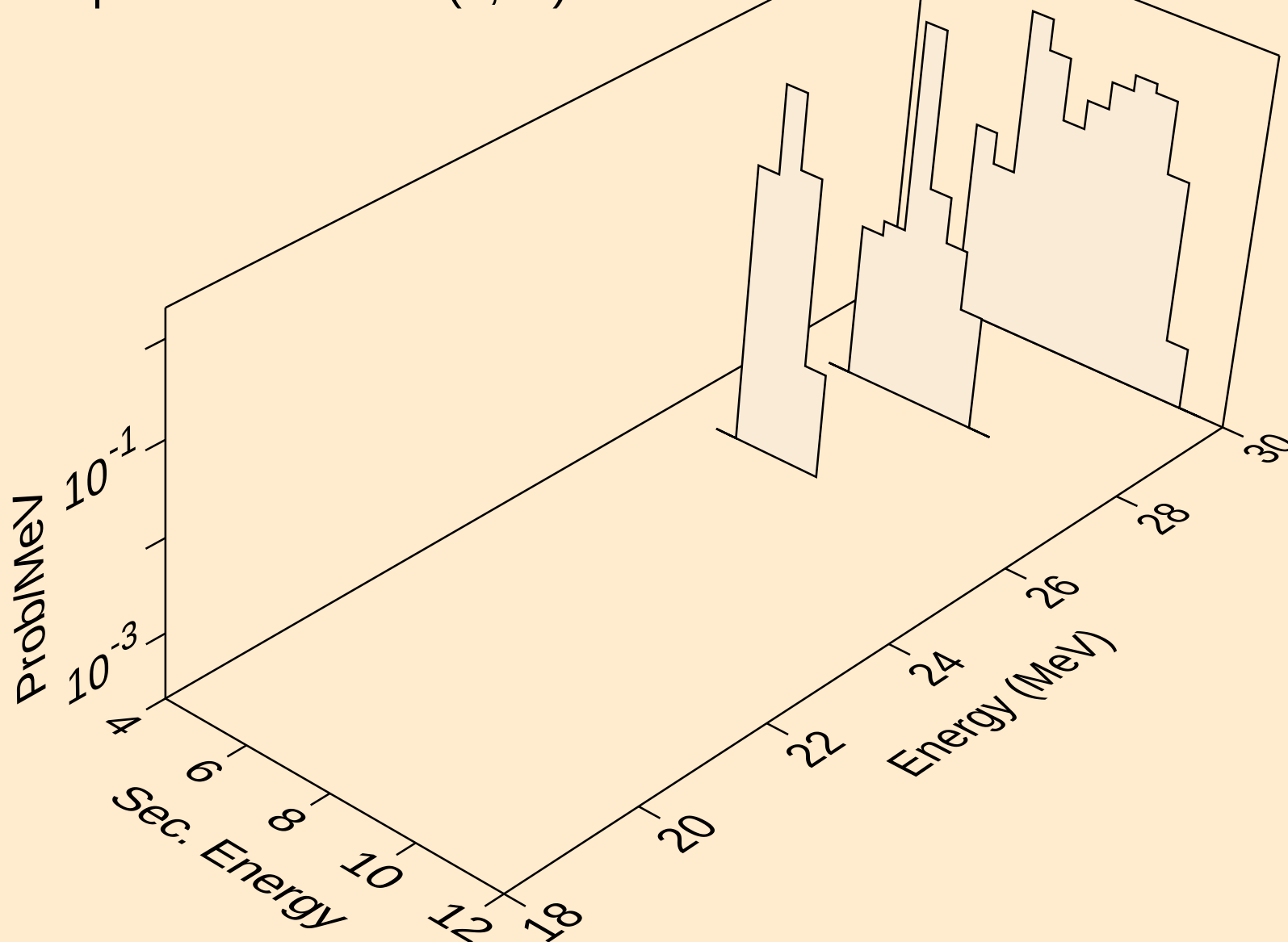
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,n*)a



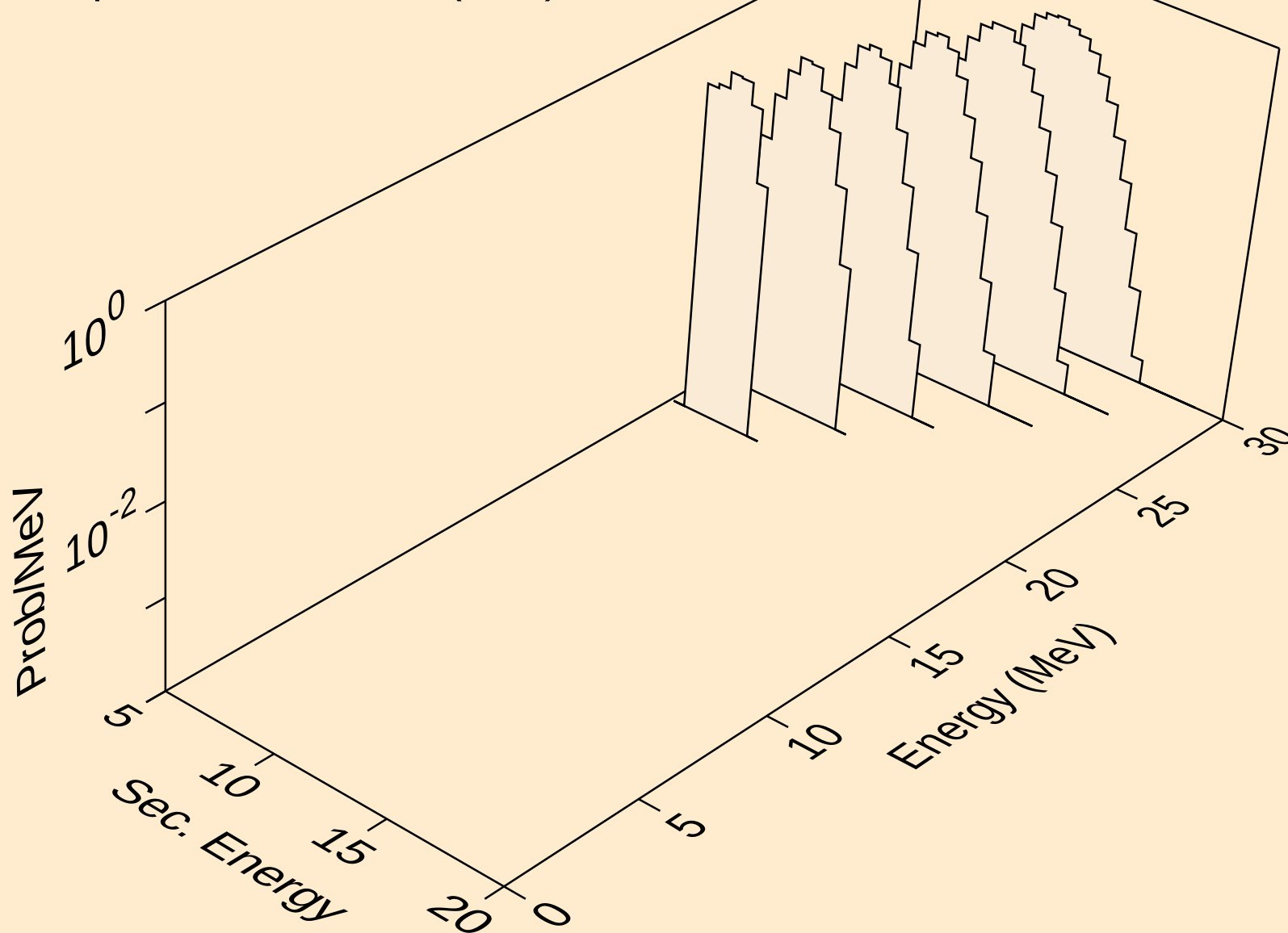
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,2n)a



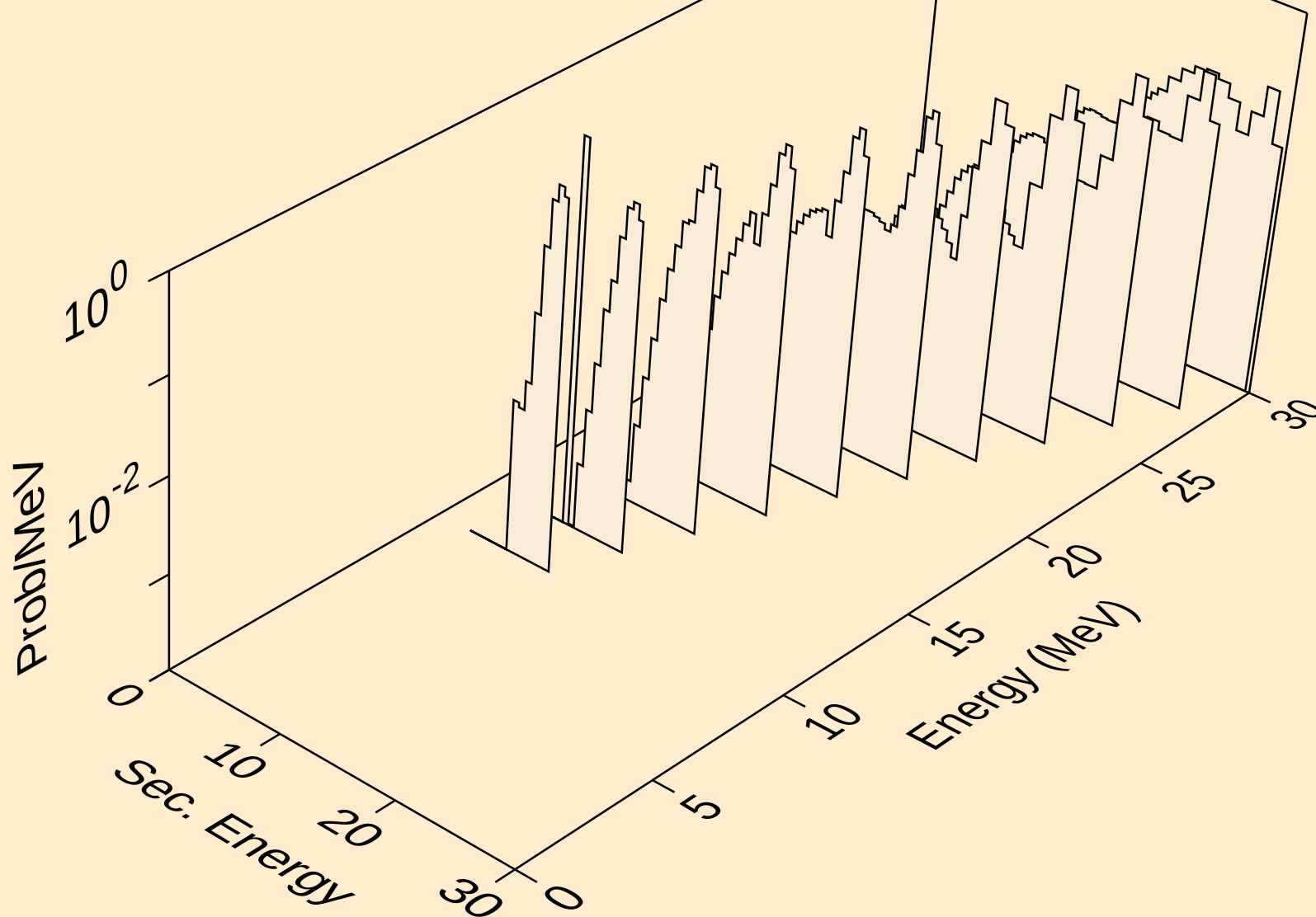
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,n*)2a

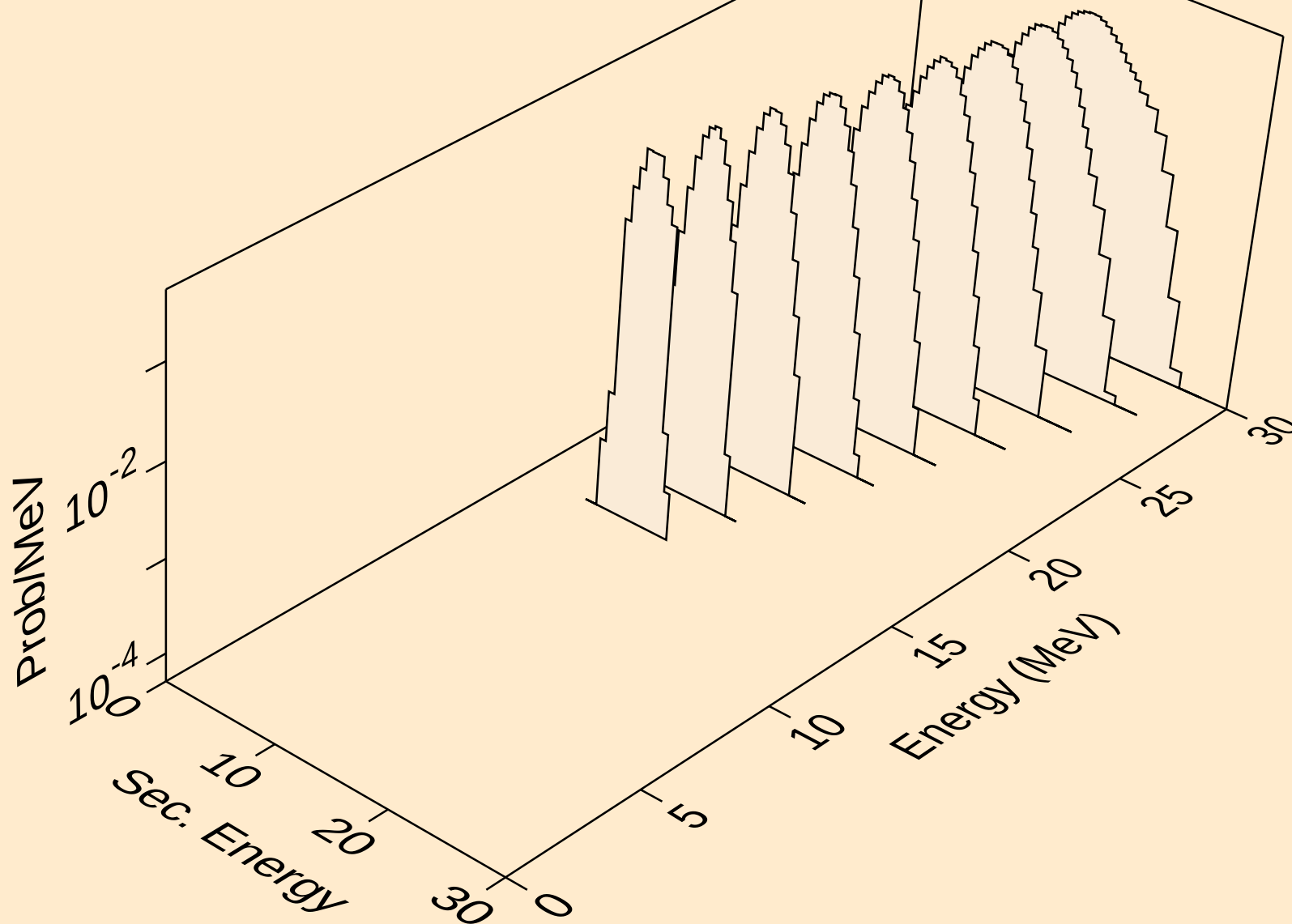


PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

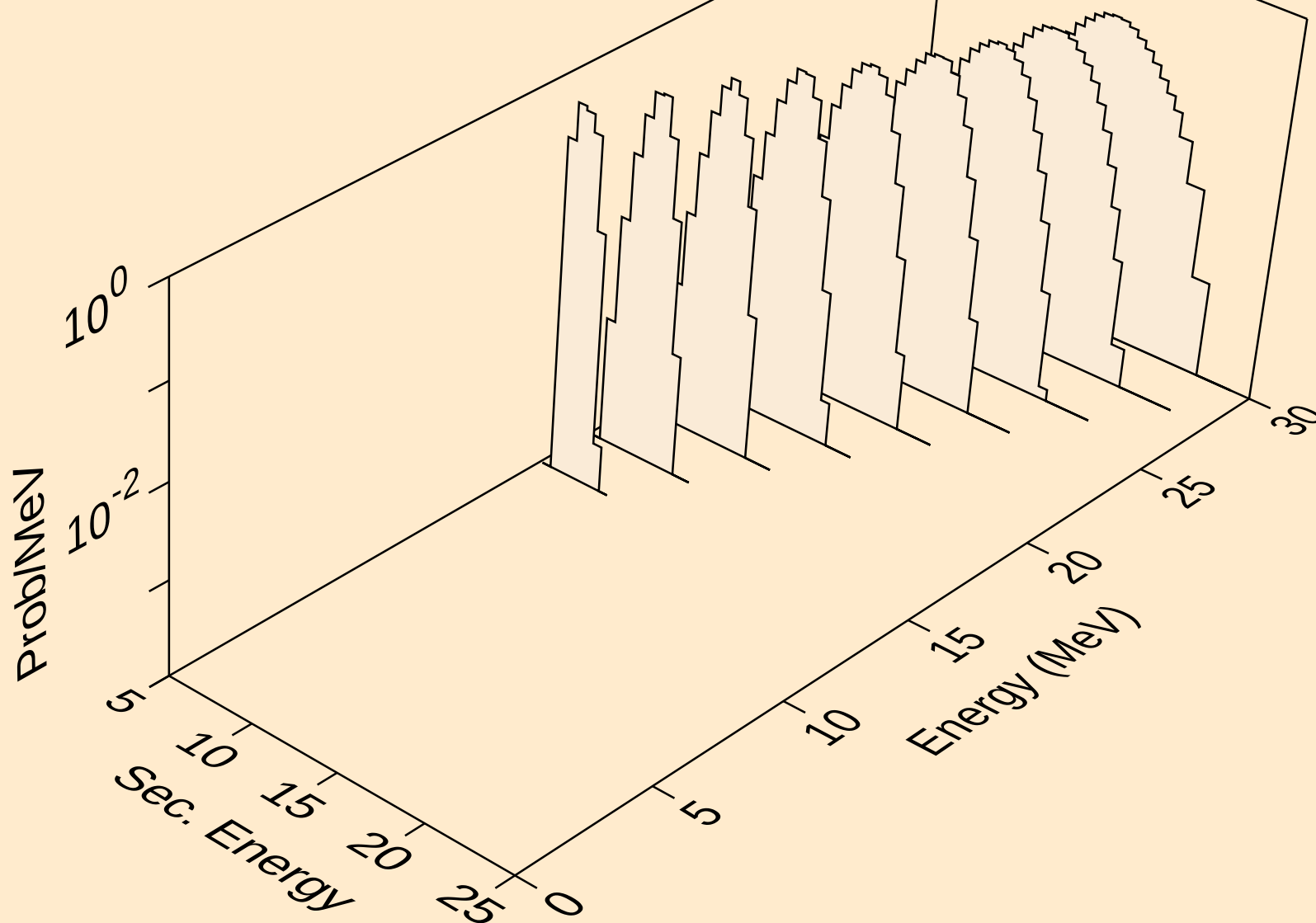
Alpha emission for inelastic



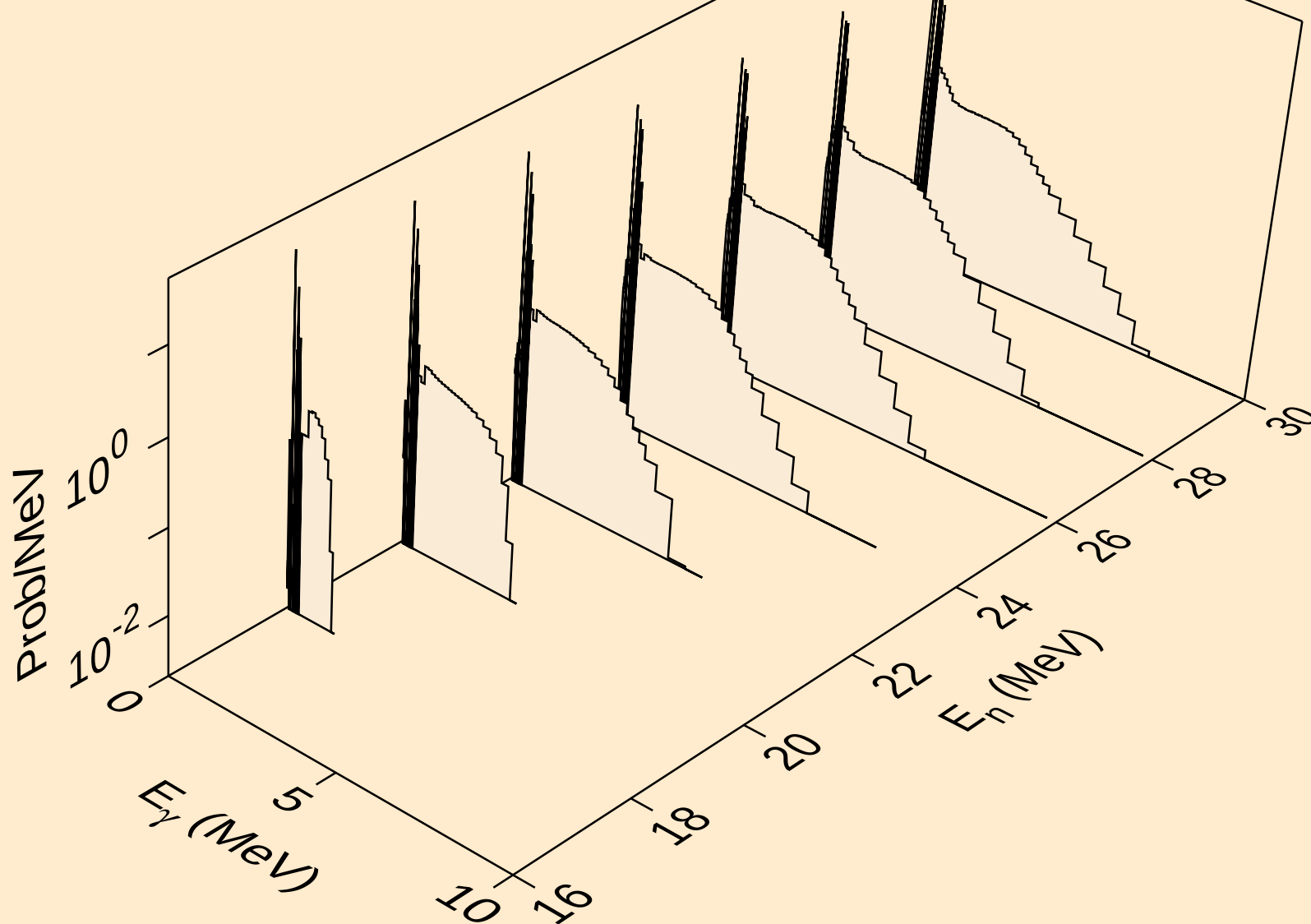
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,2a)



PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,pa)

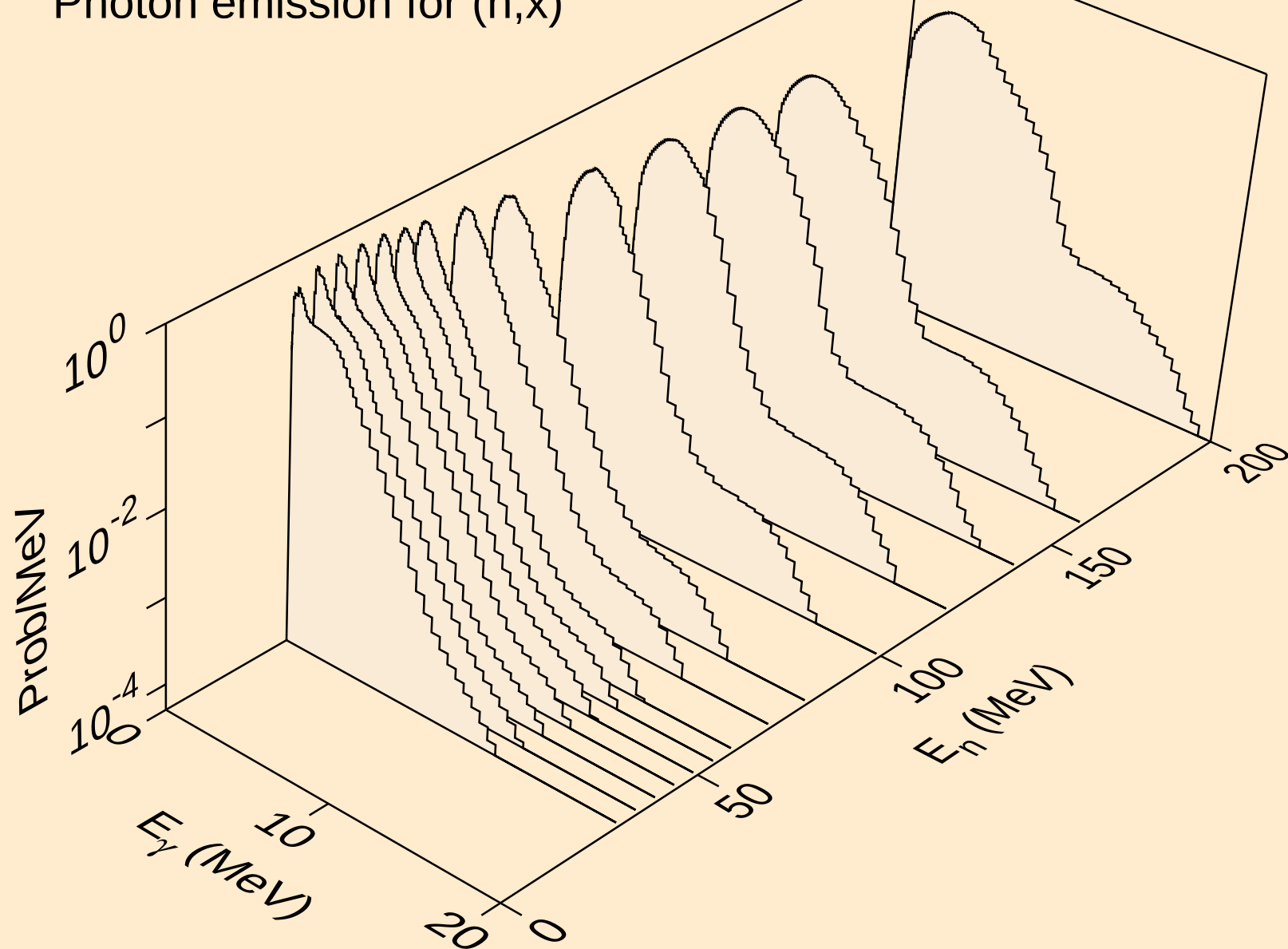


PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (z,n)

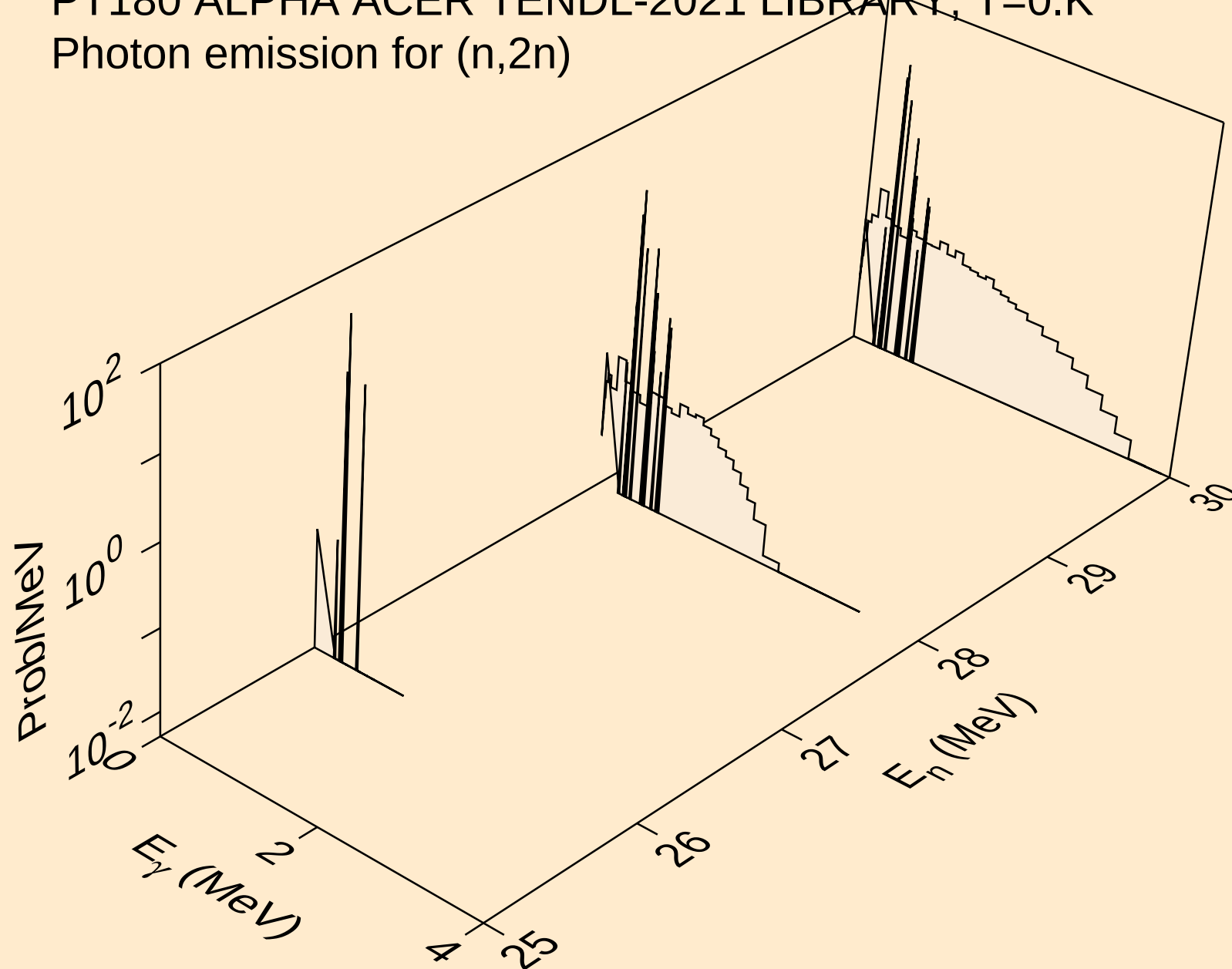


PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,x)

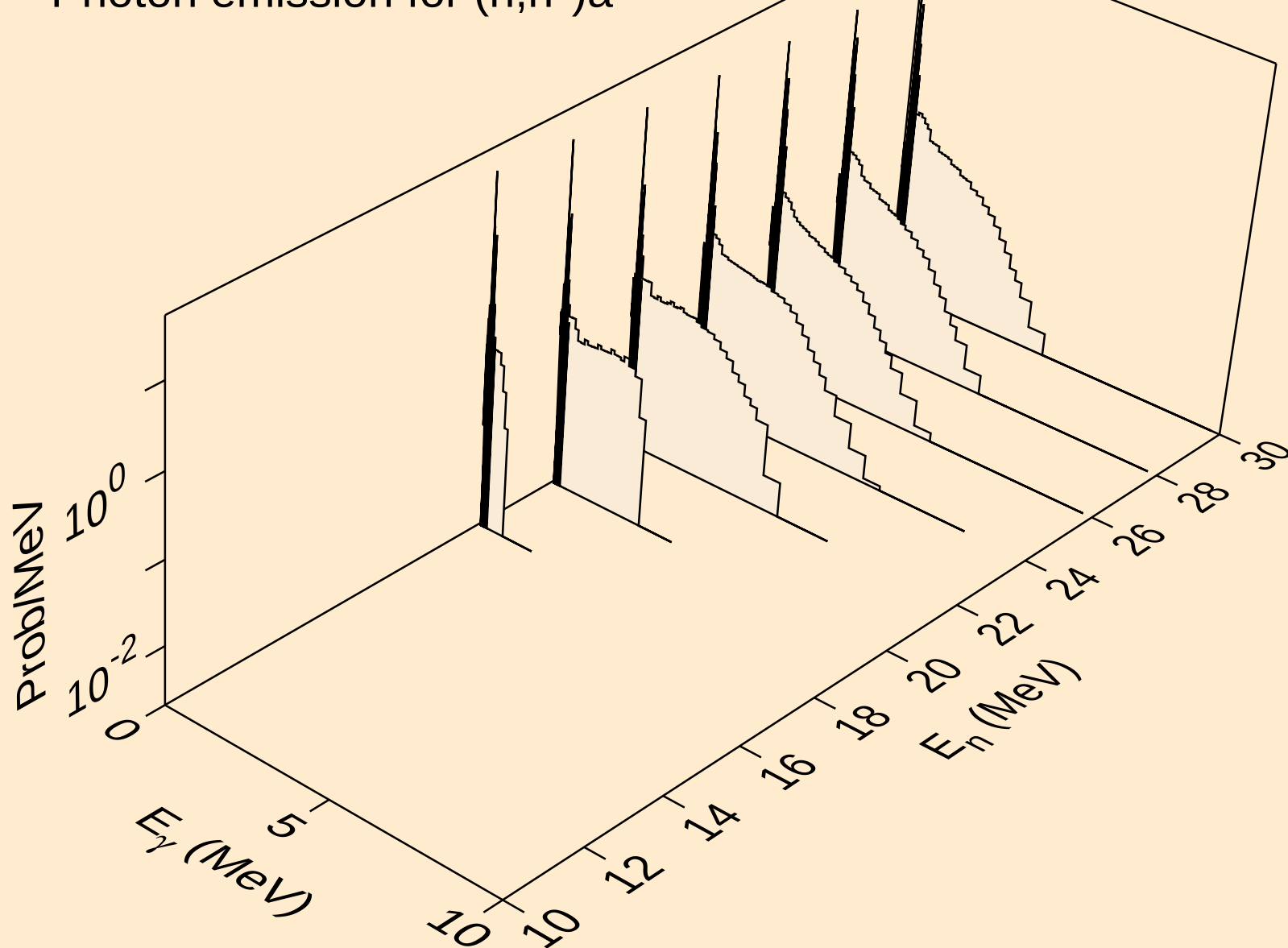


PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)



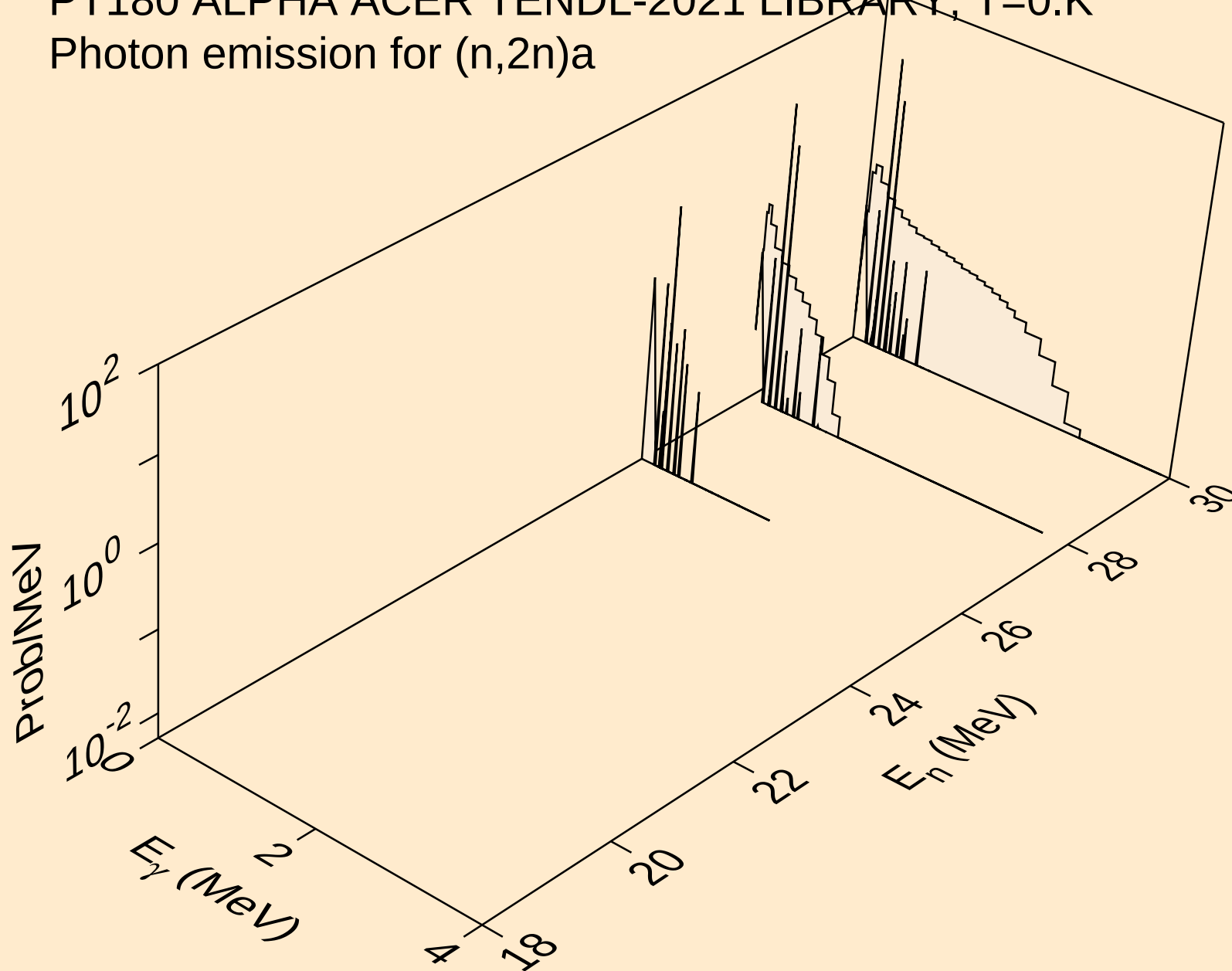
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)a

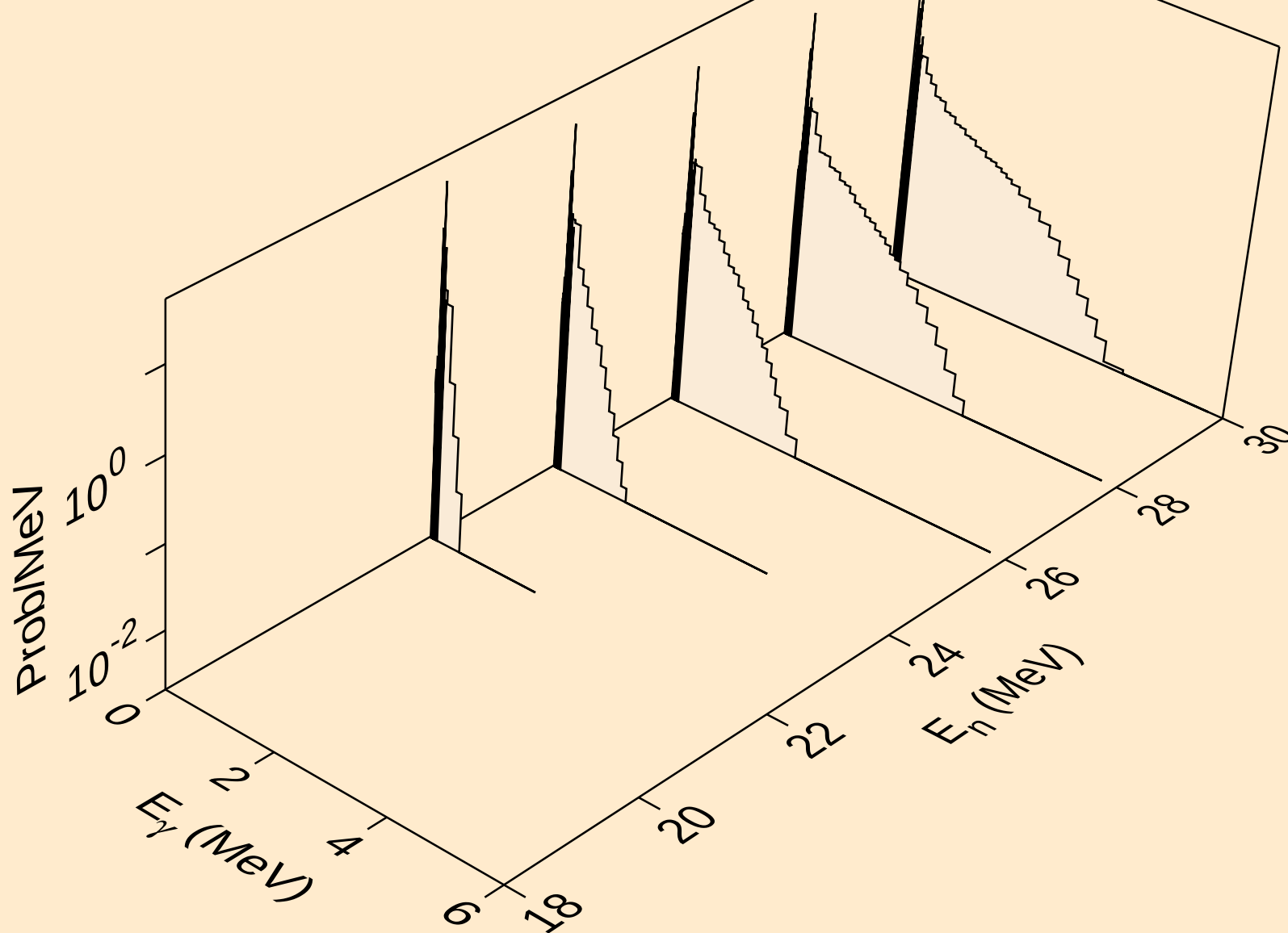


PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,2n) α

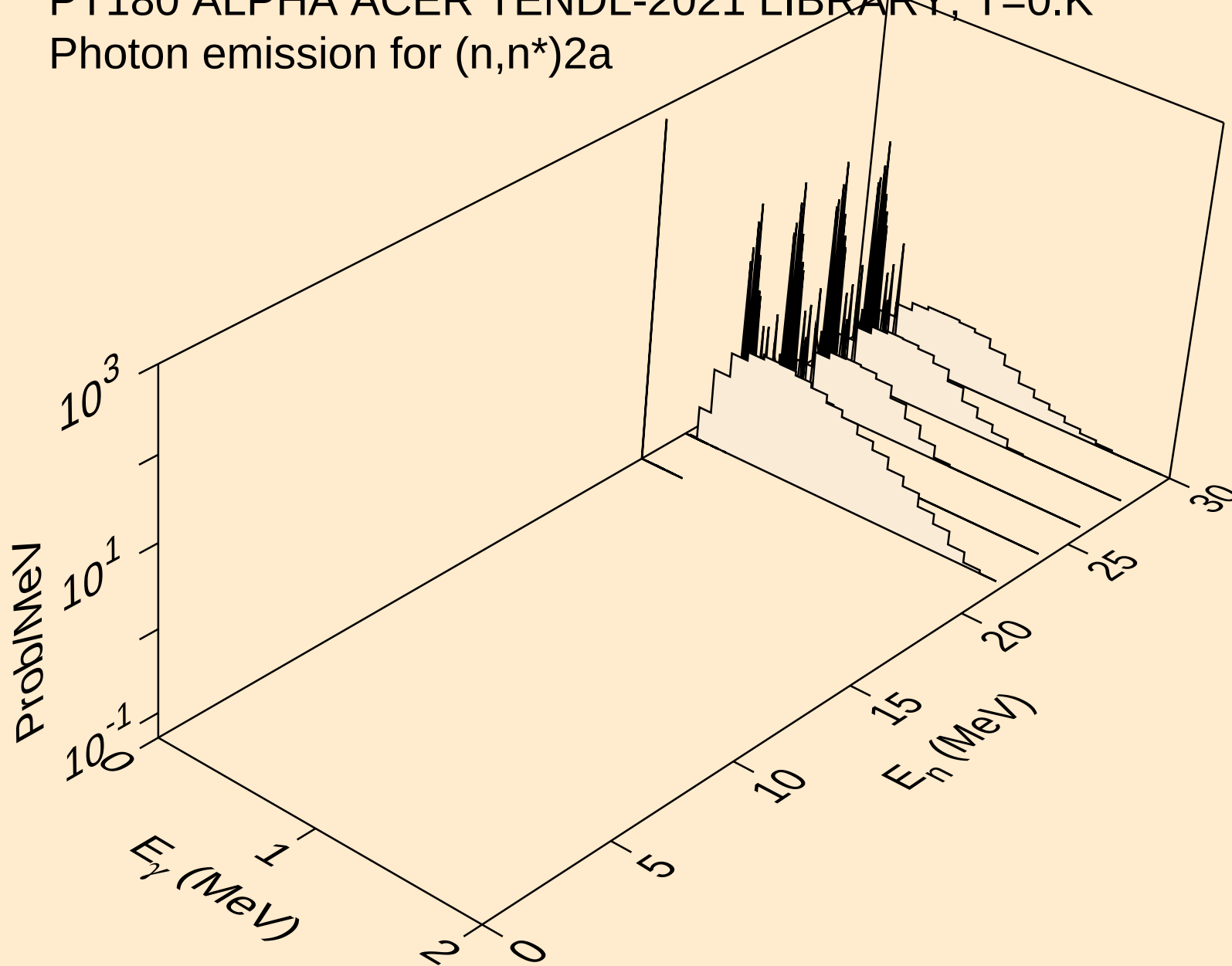


PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)p

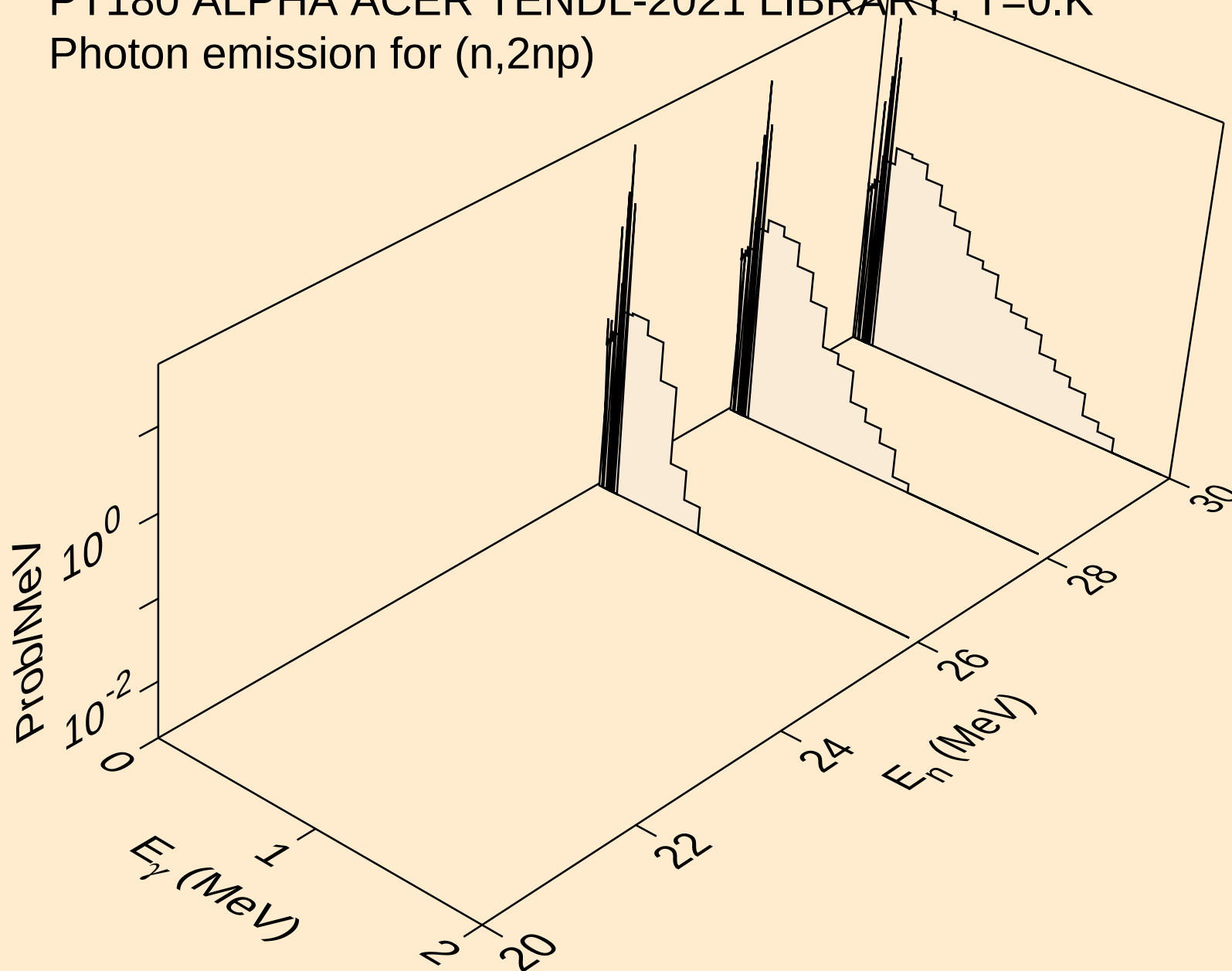


PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

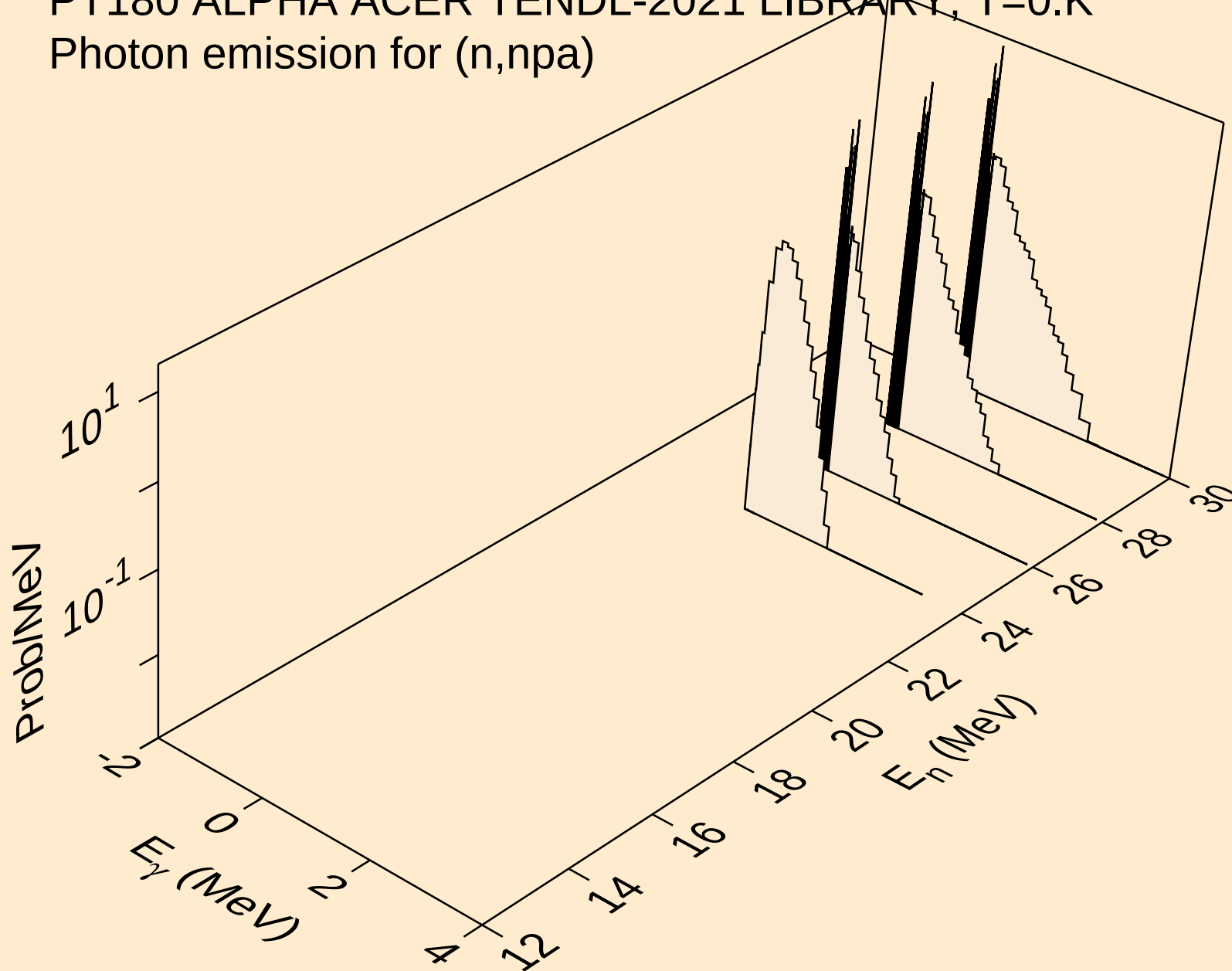
Photon emission for (n,n*)2a



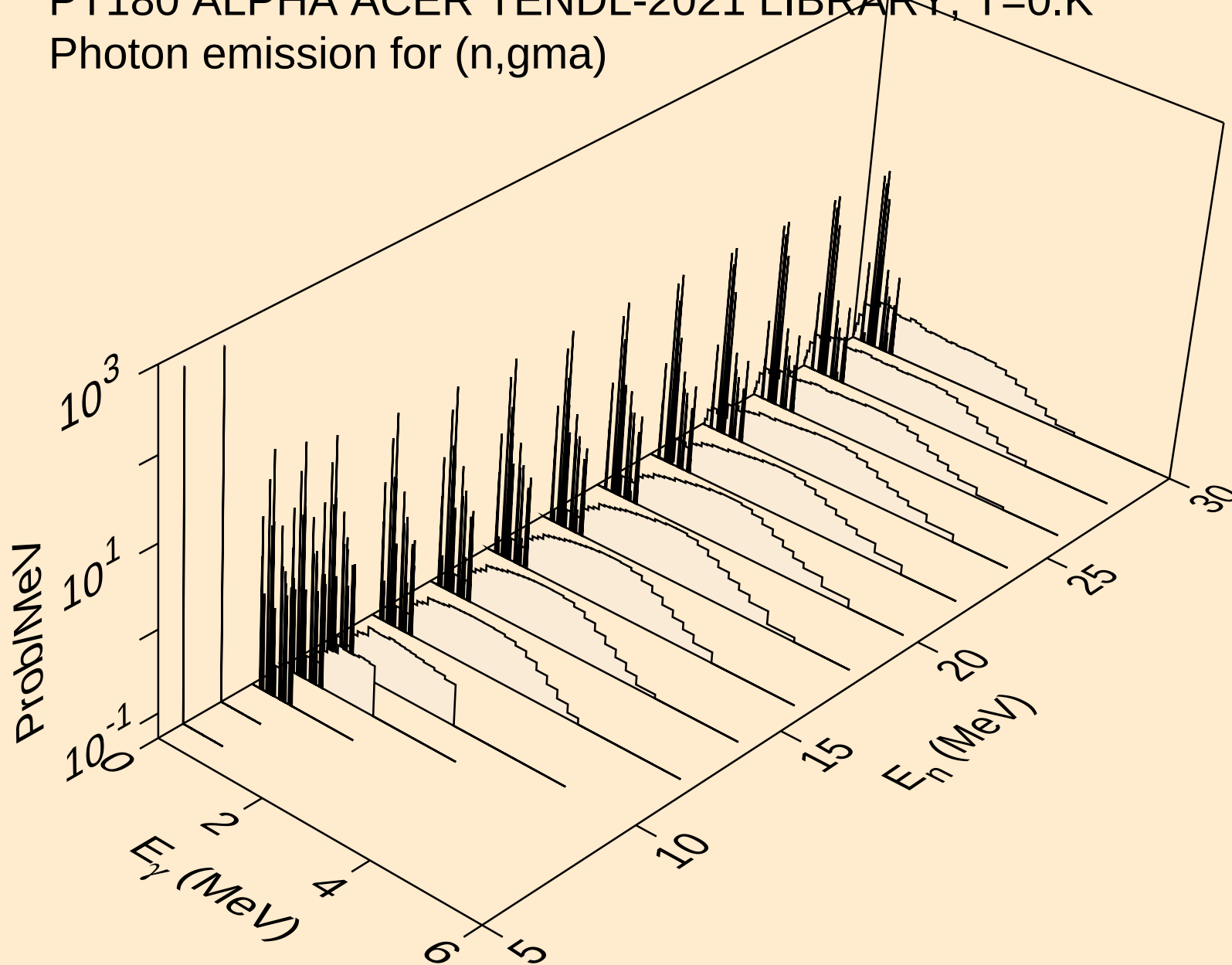
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2np)



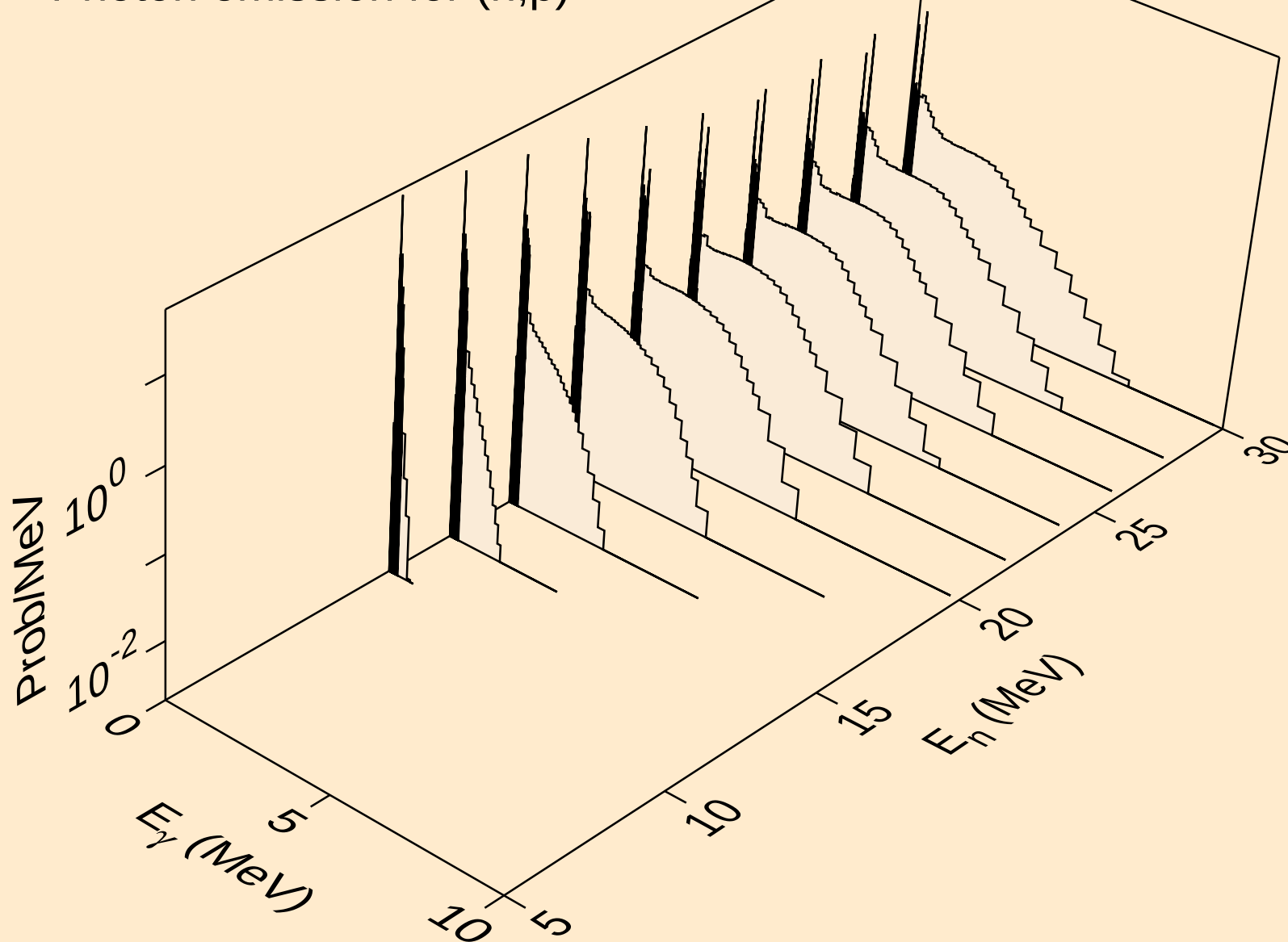
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,npa)



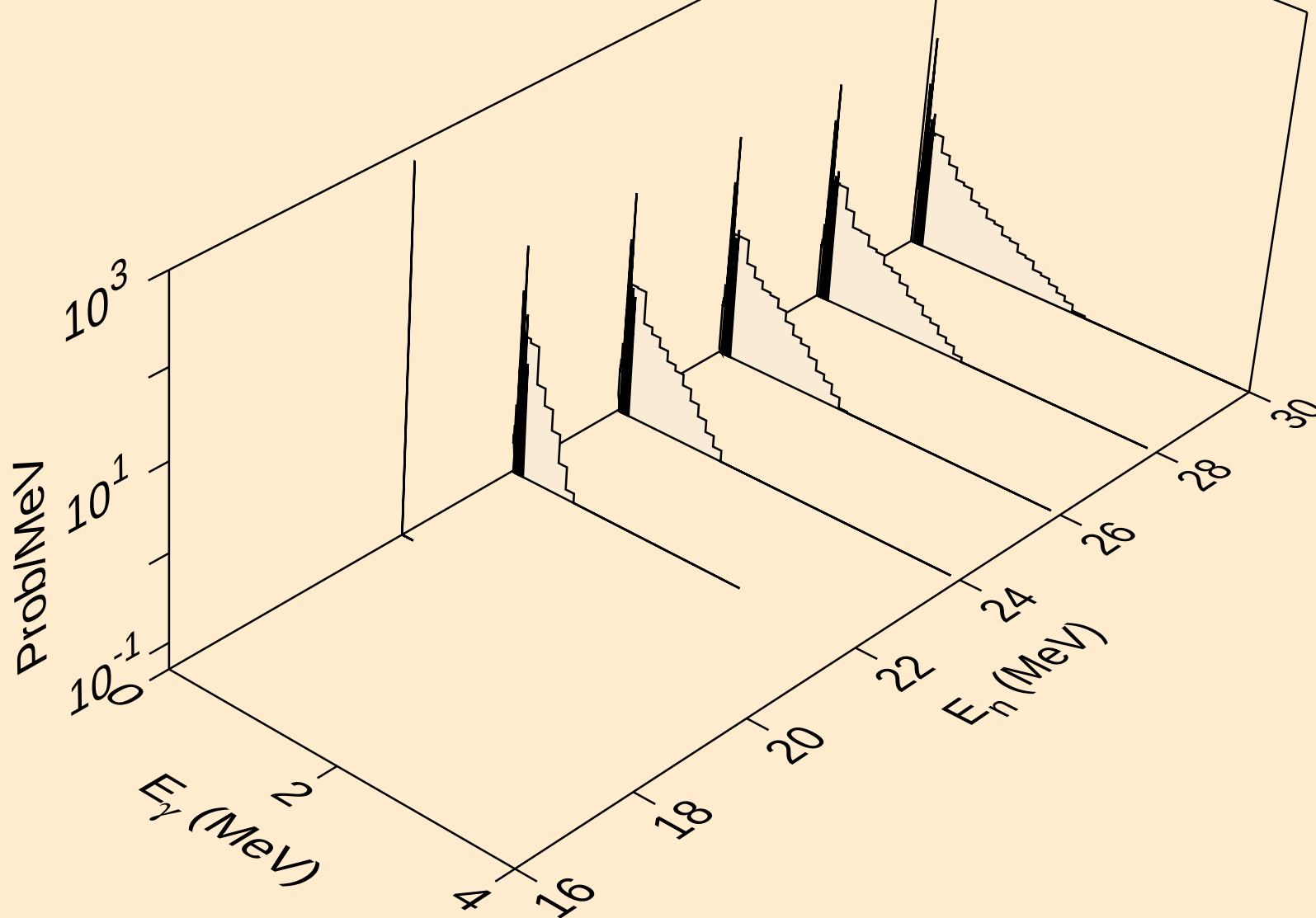
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,gma)



PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,p)

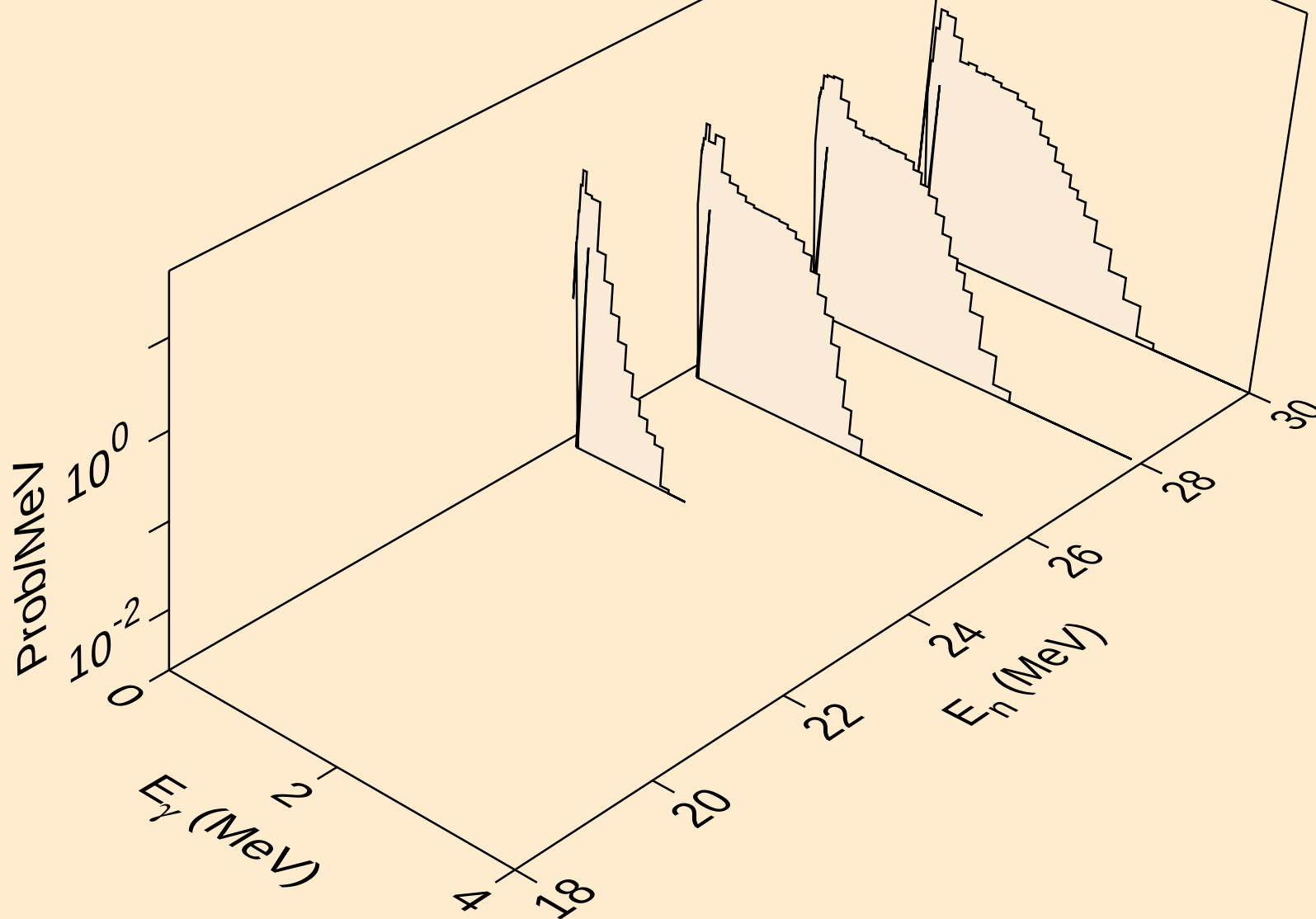


PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,d)

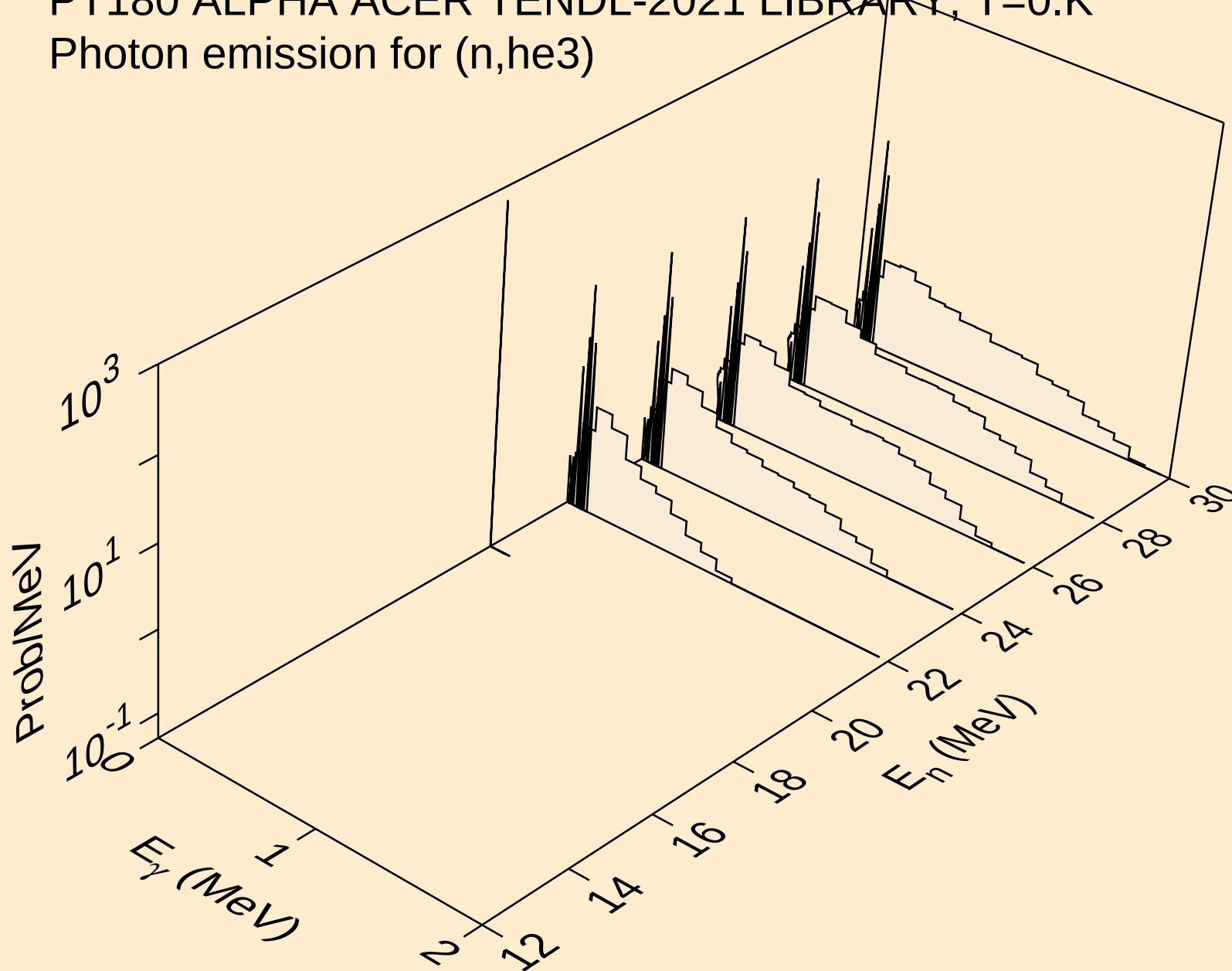


PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

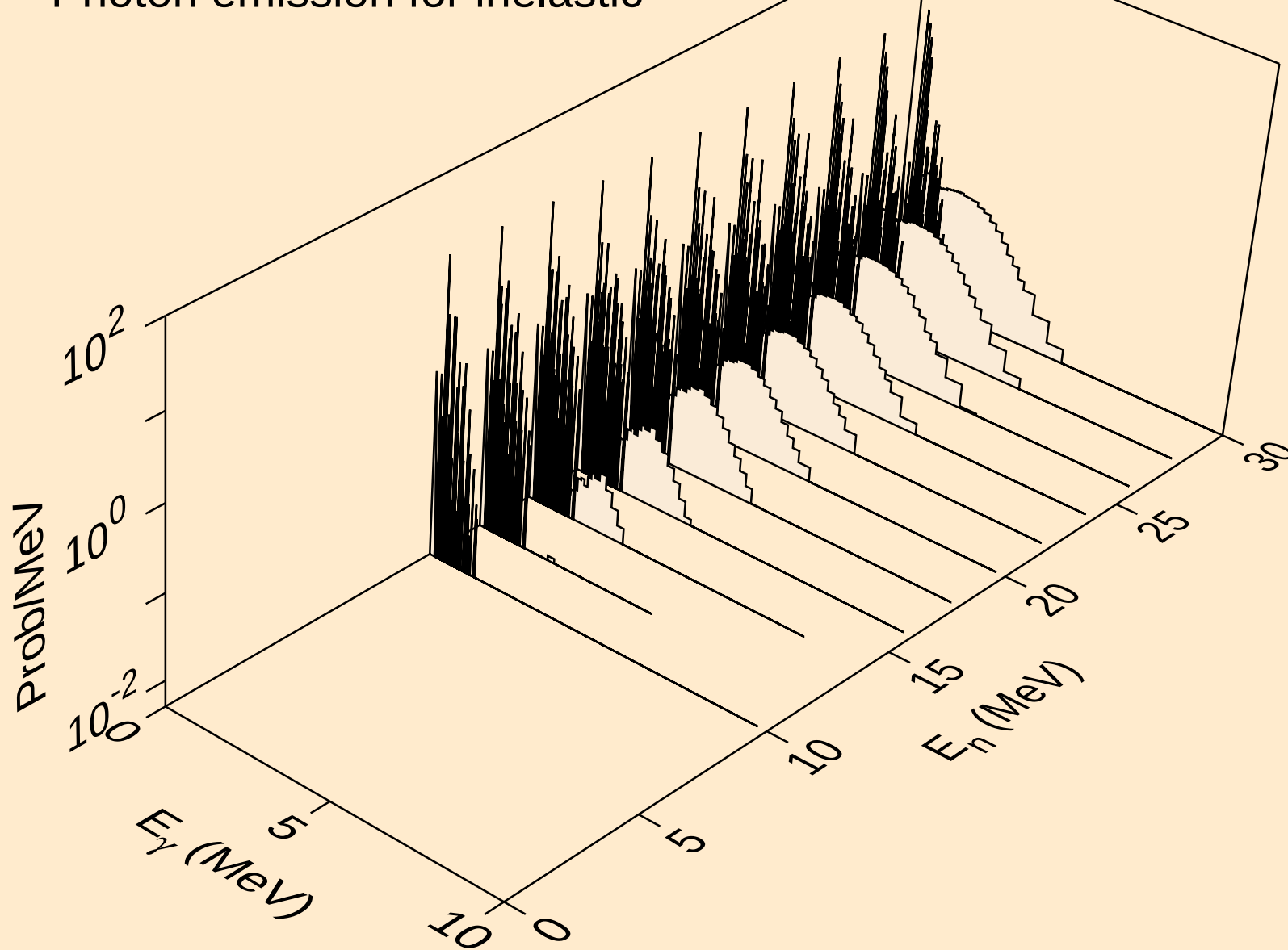
Photon emission for (n,t)



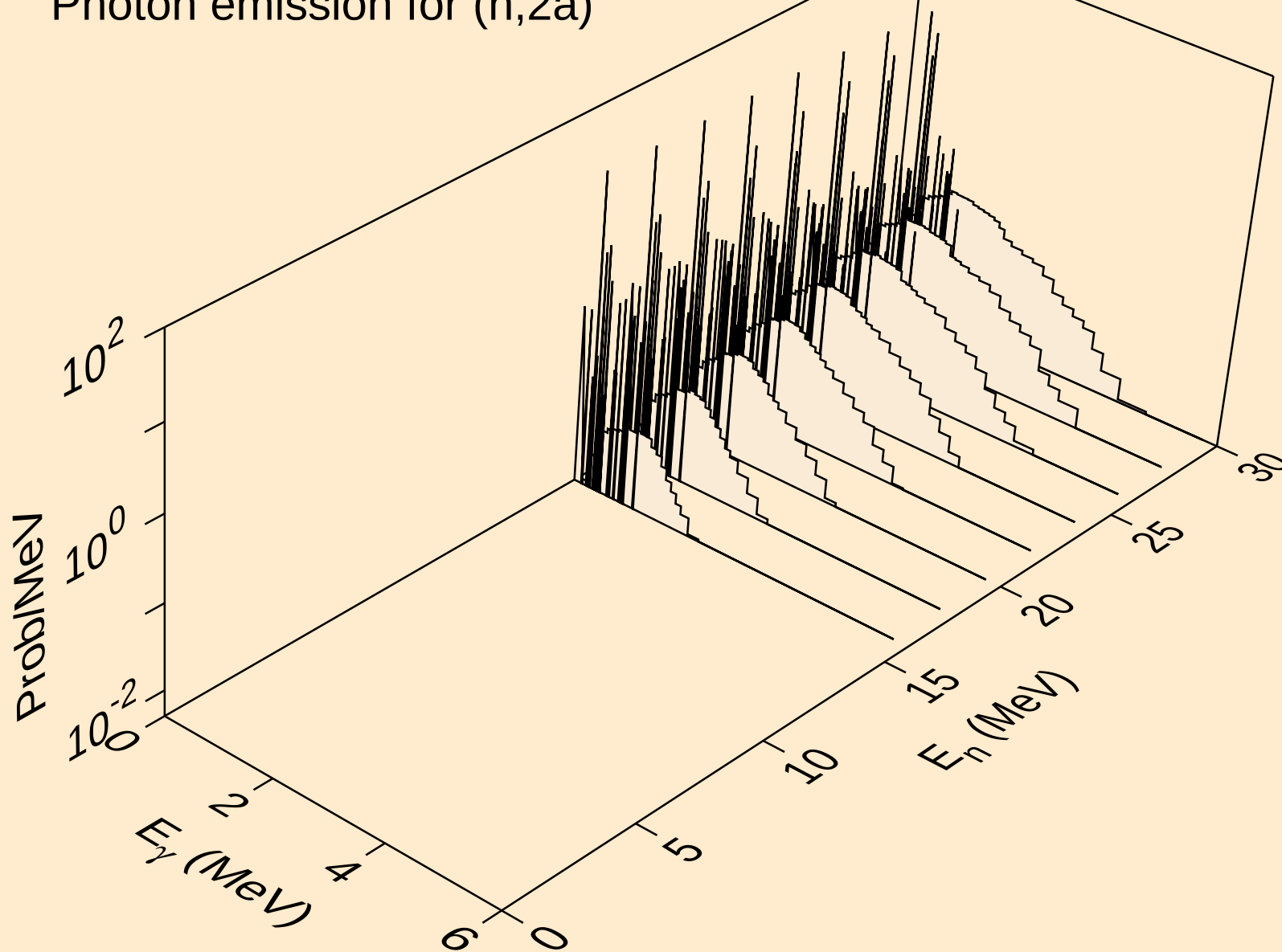
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,he3)



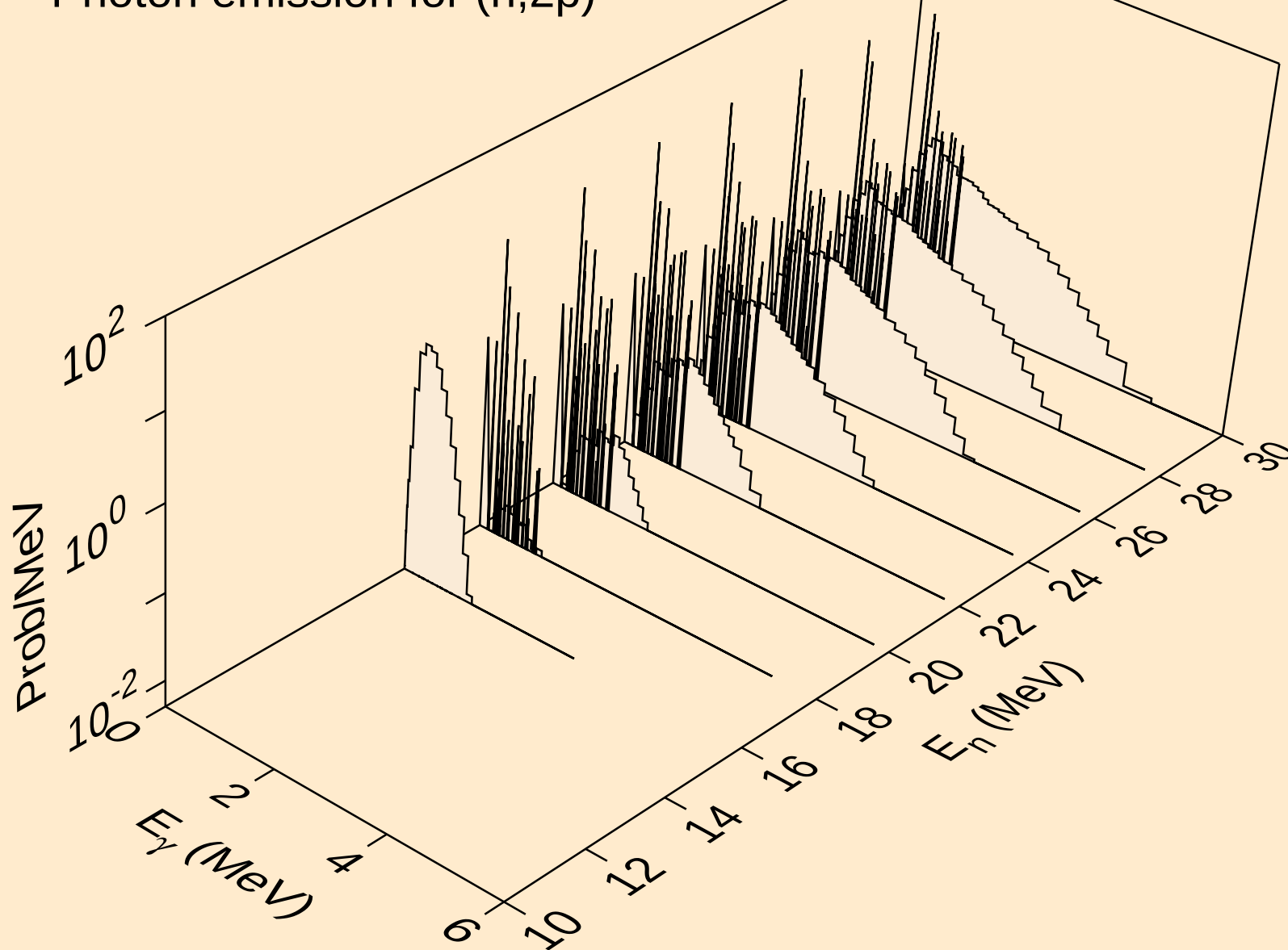
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for inelastic



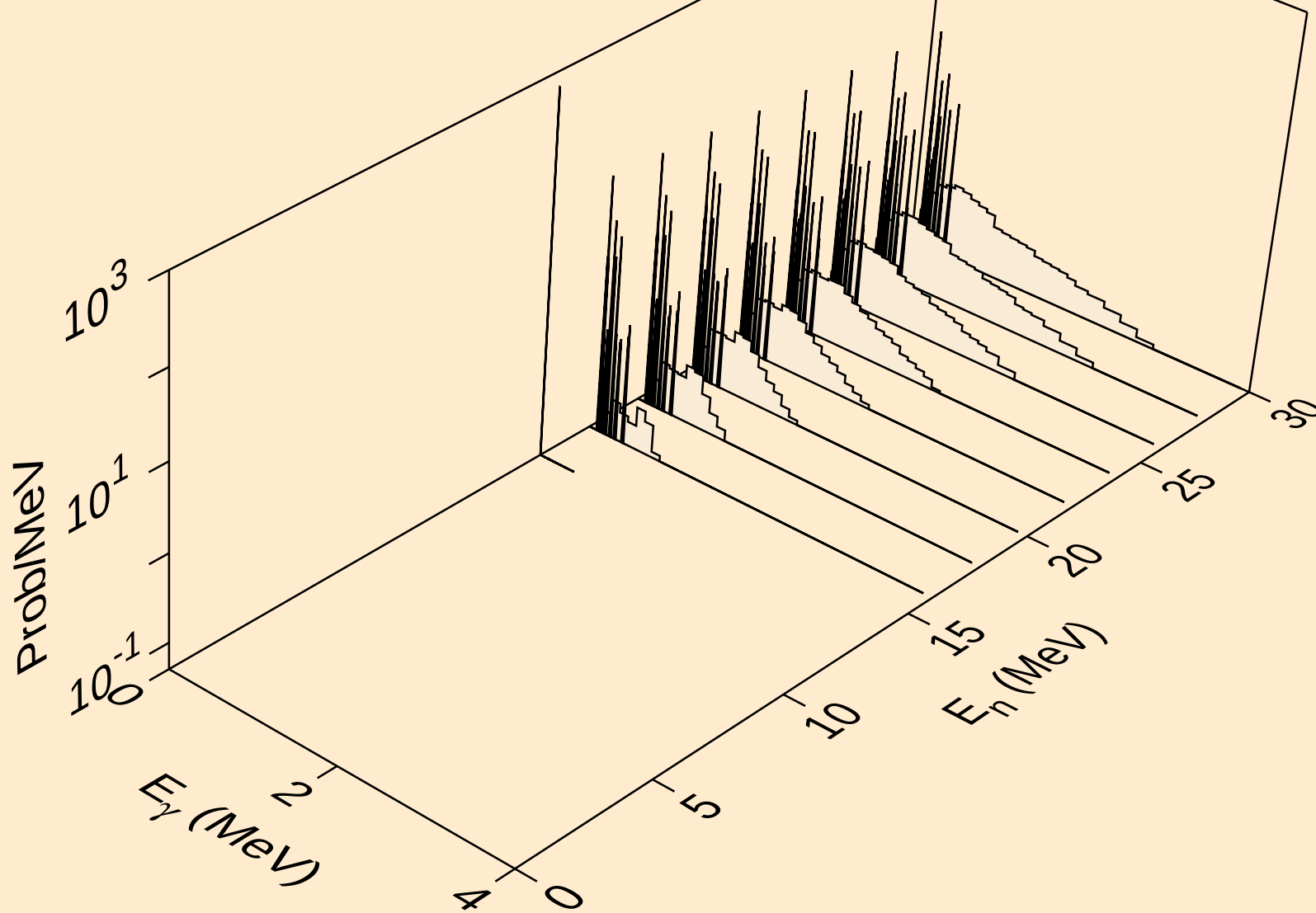
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2a)



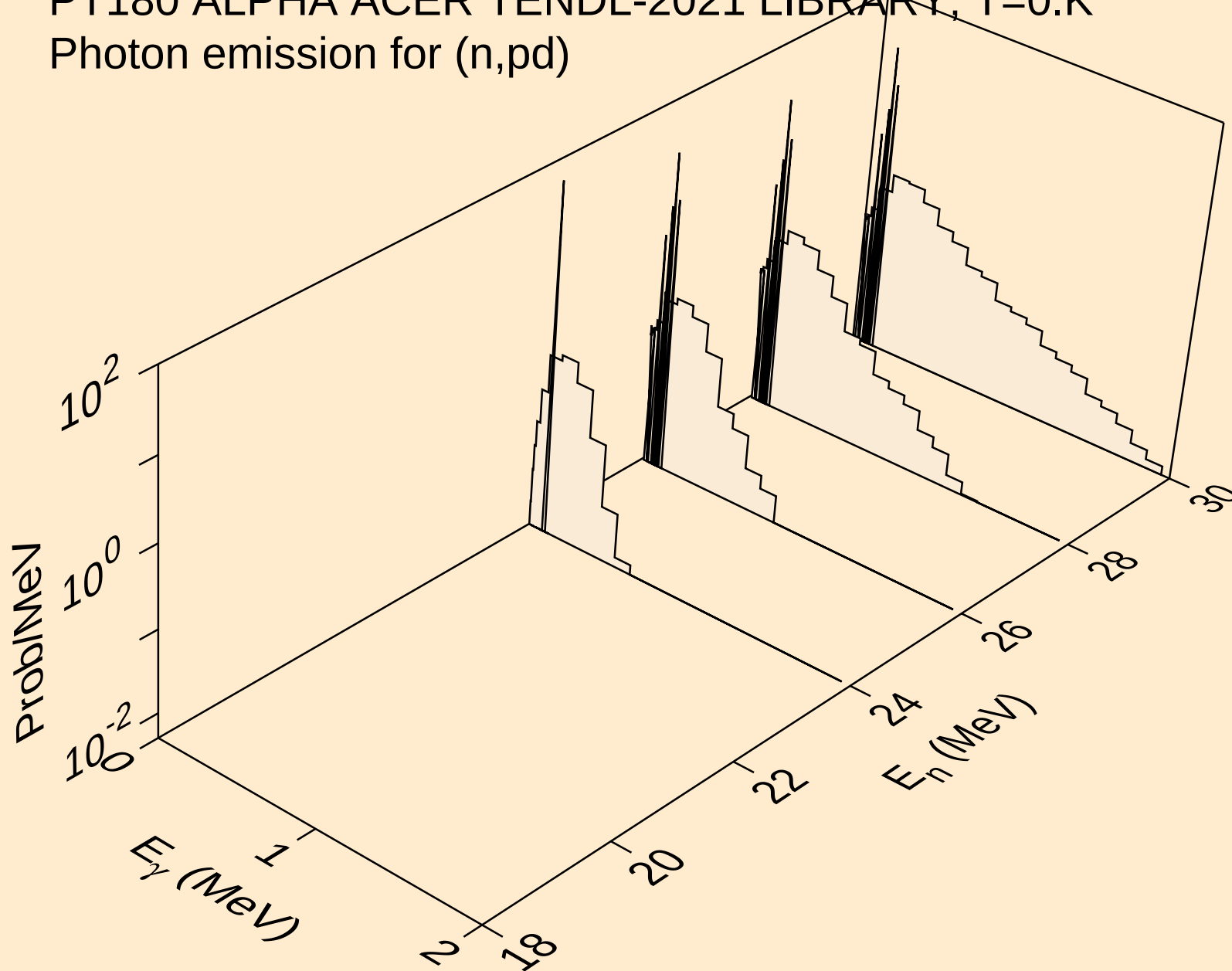
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2p)



PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,p α)

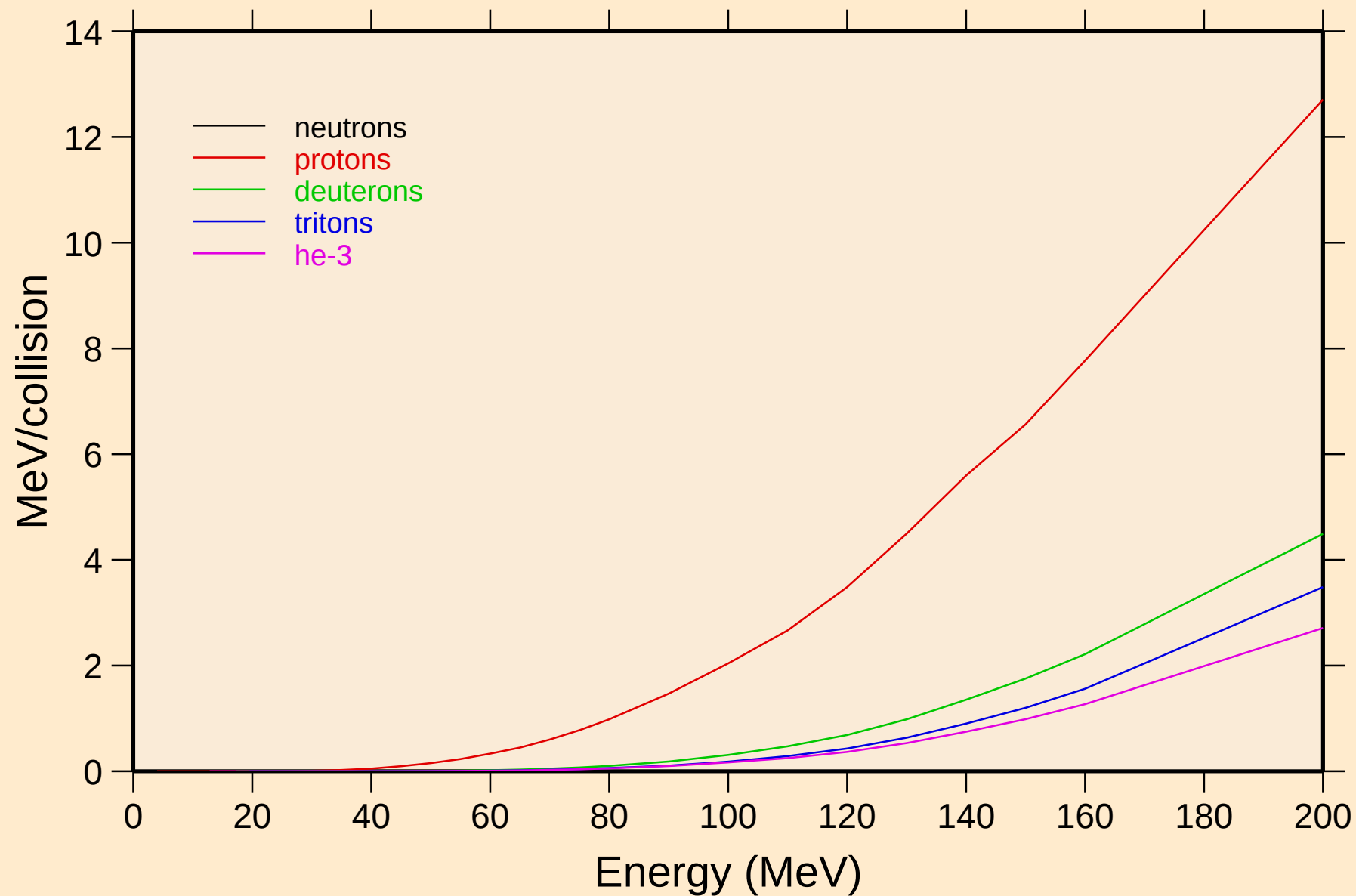


PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pd)



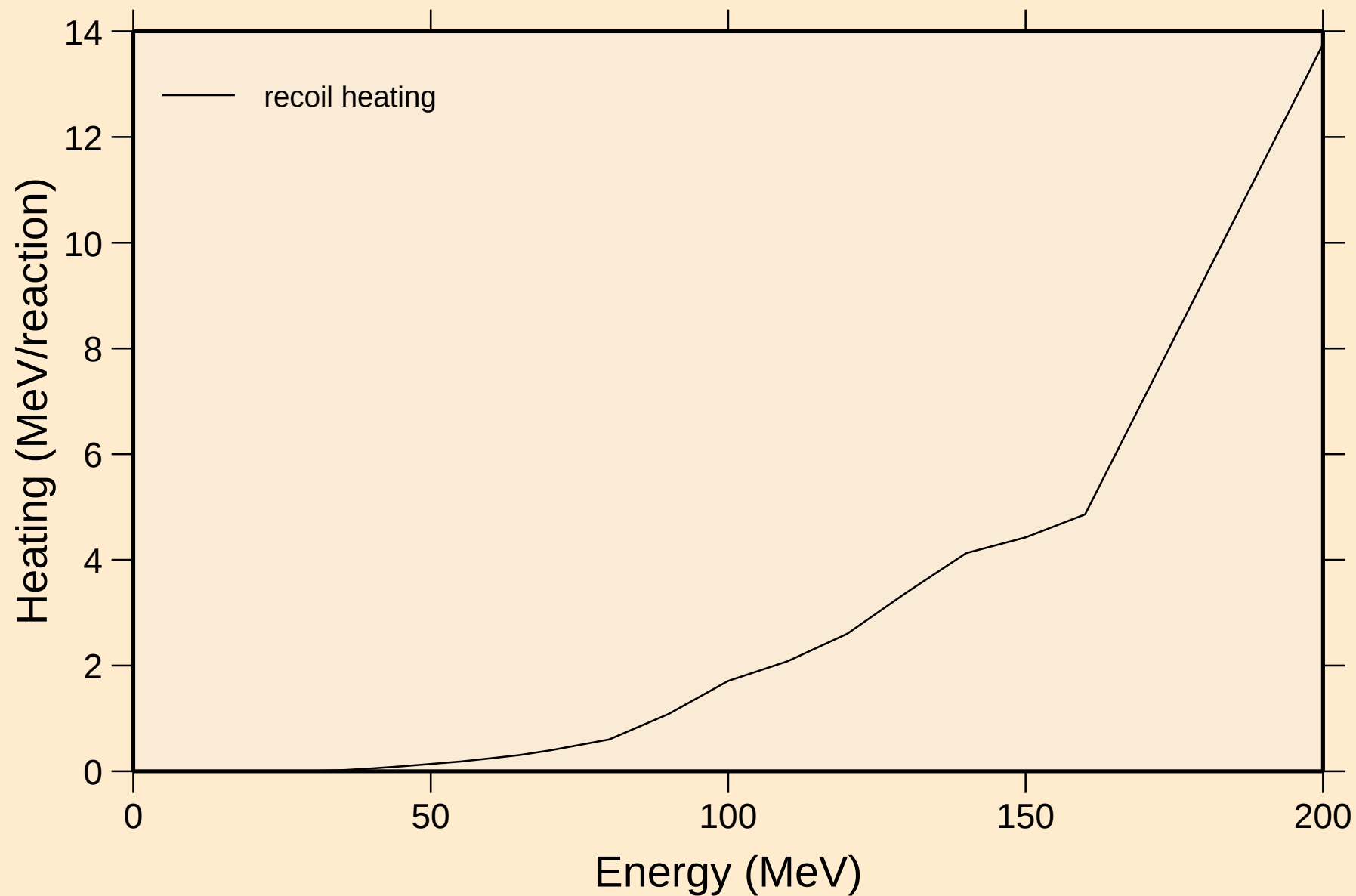
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Particle heating contributions



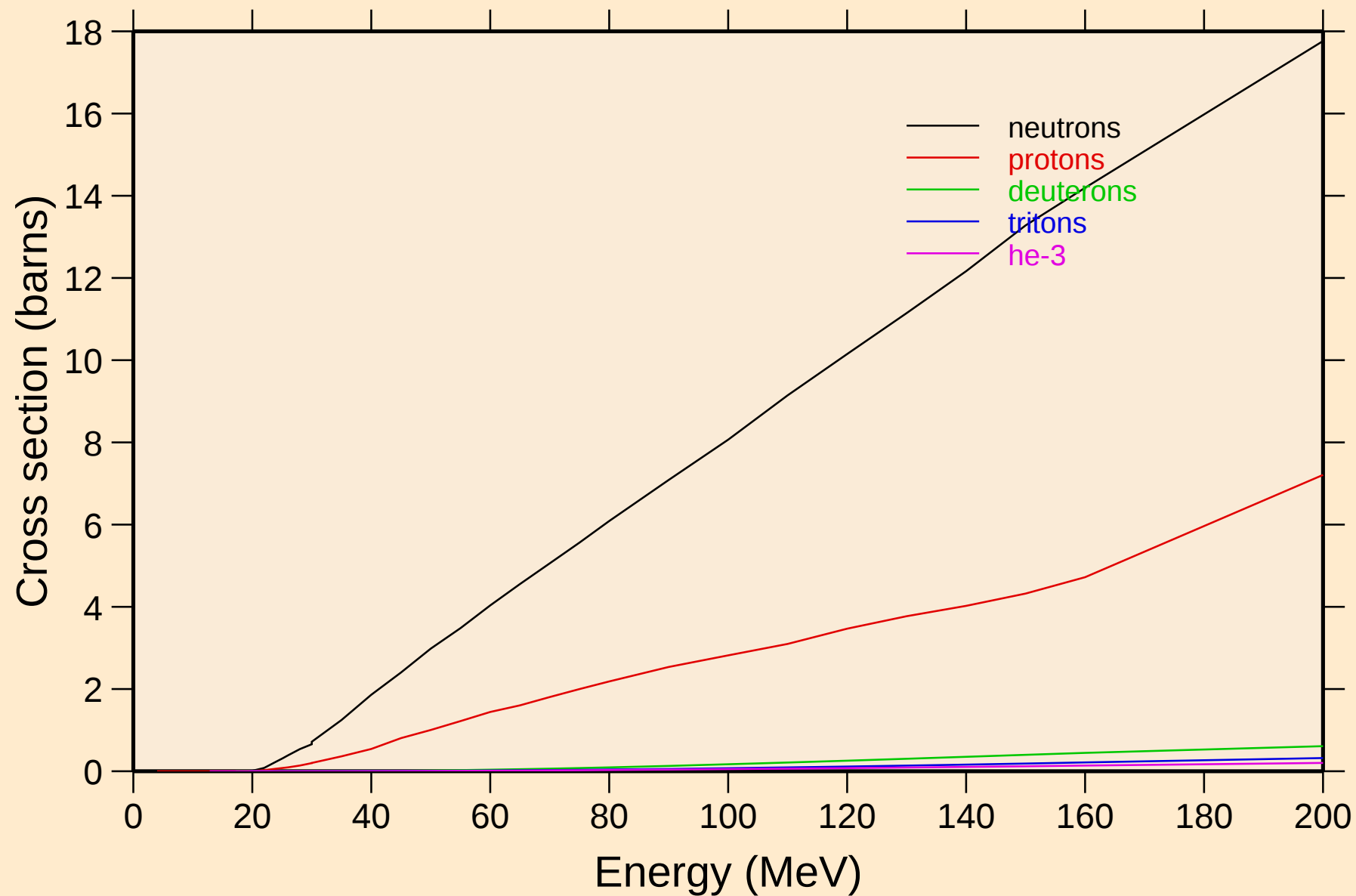
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Recoil Heating

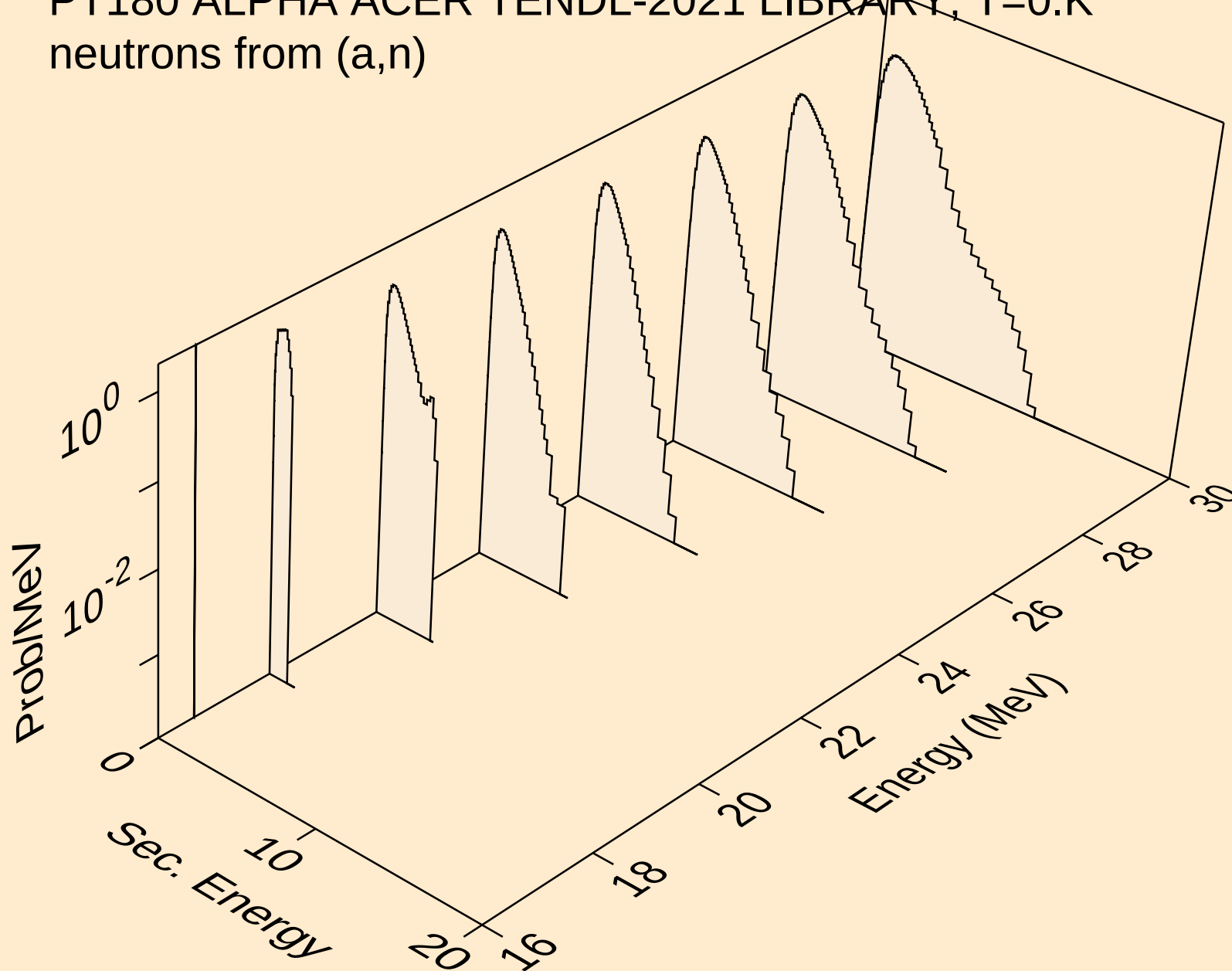


PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

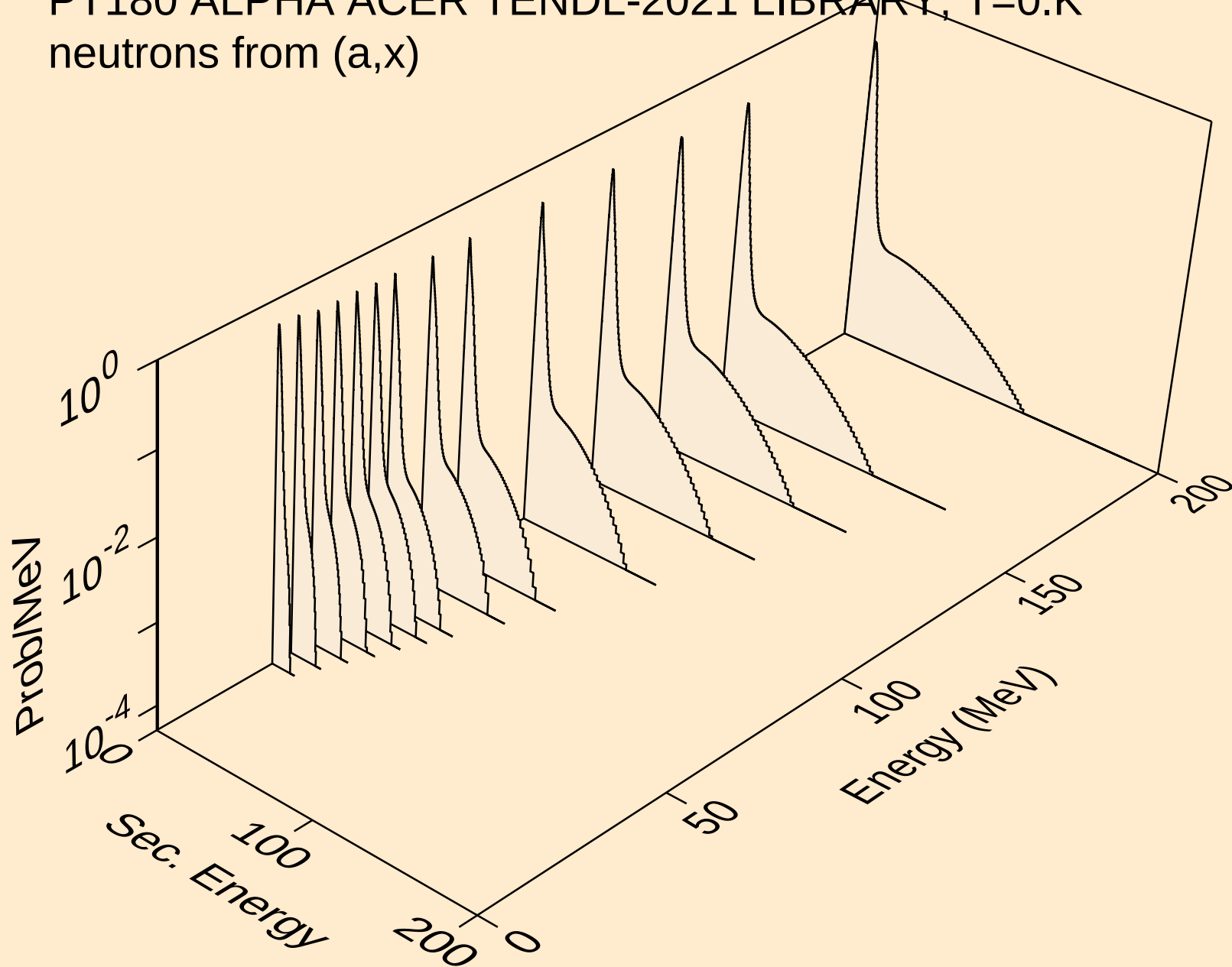
Particle production cross sections



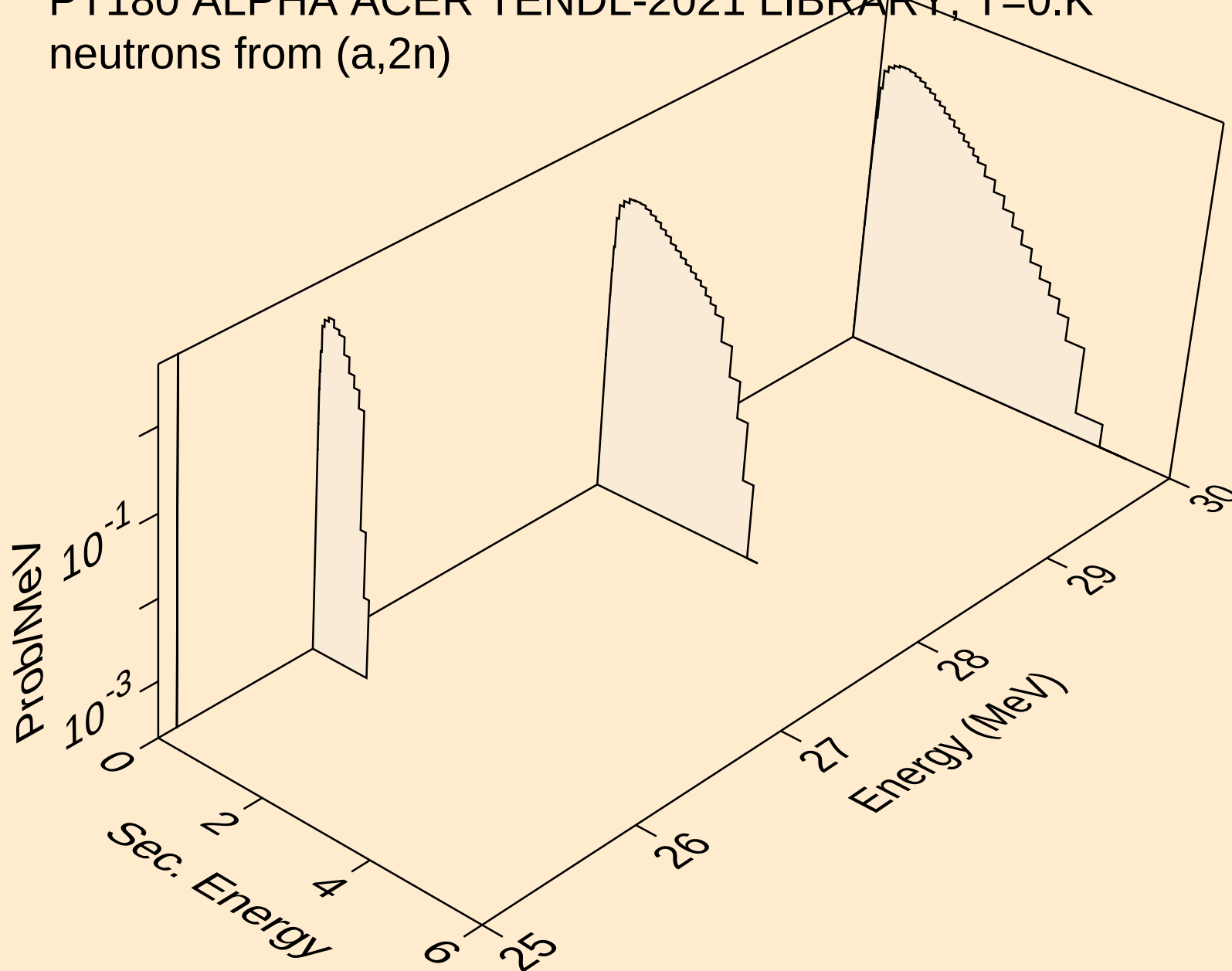
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n)



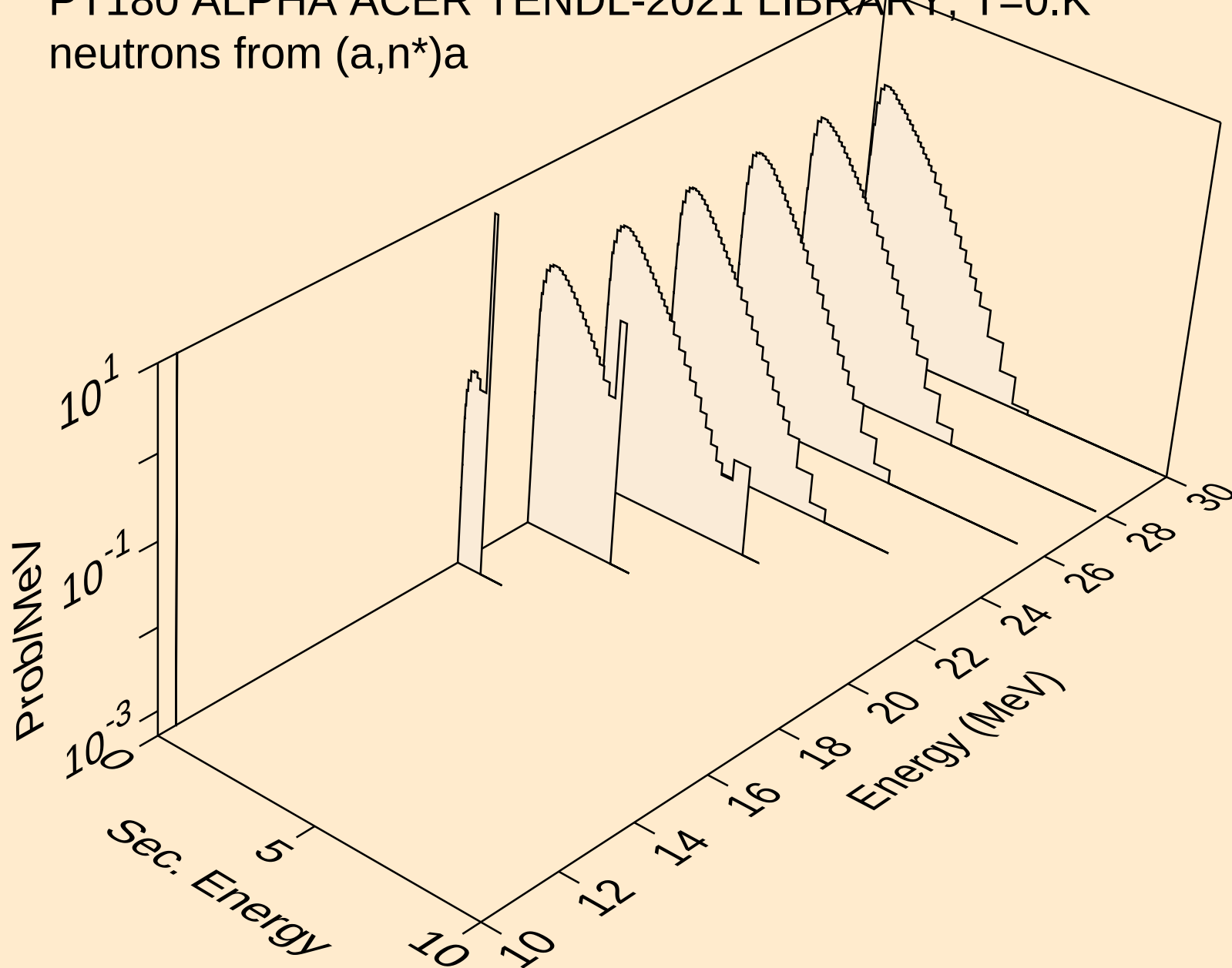
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,x)



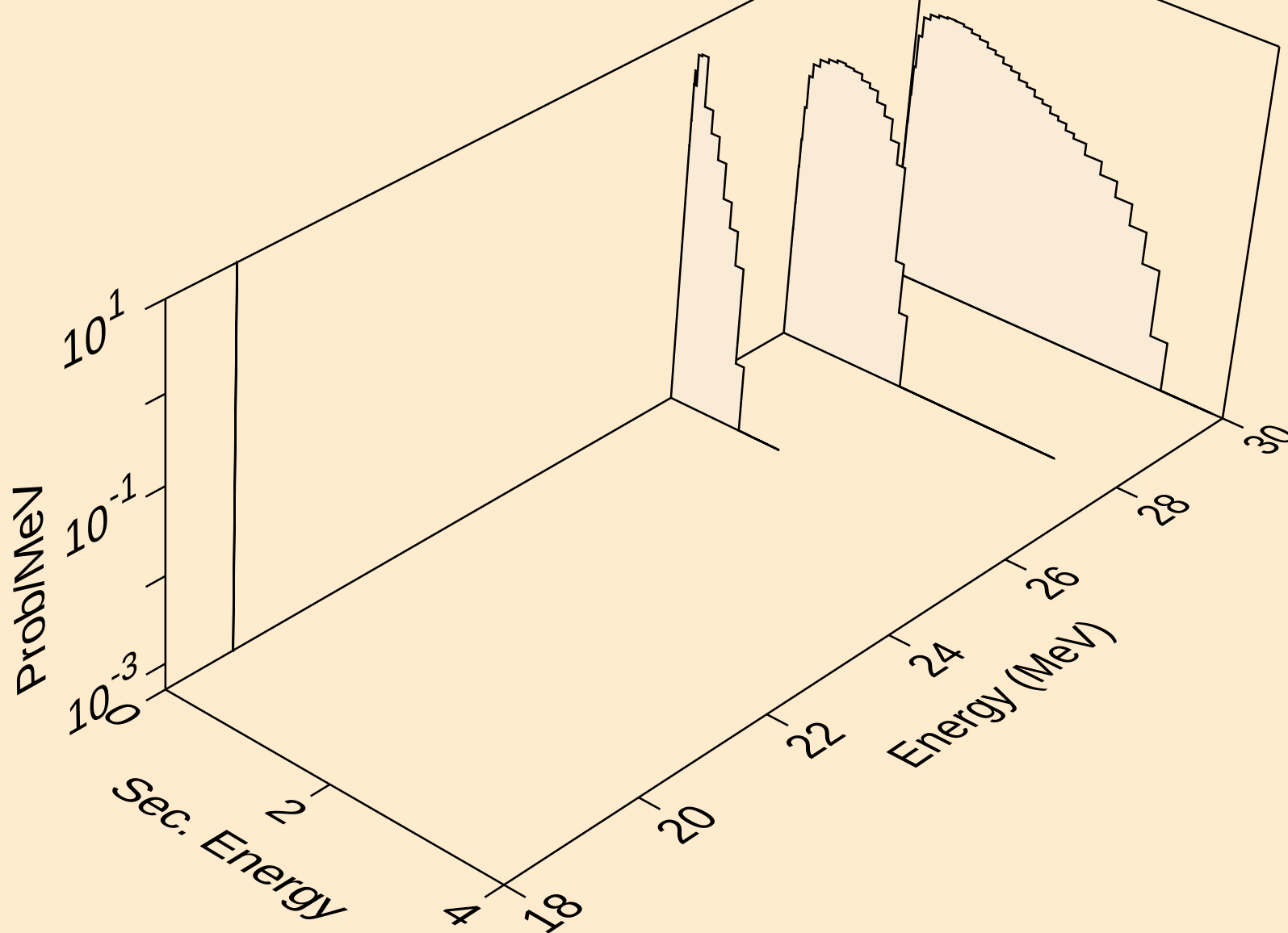
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2n)



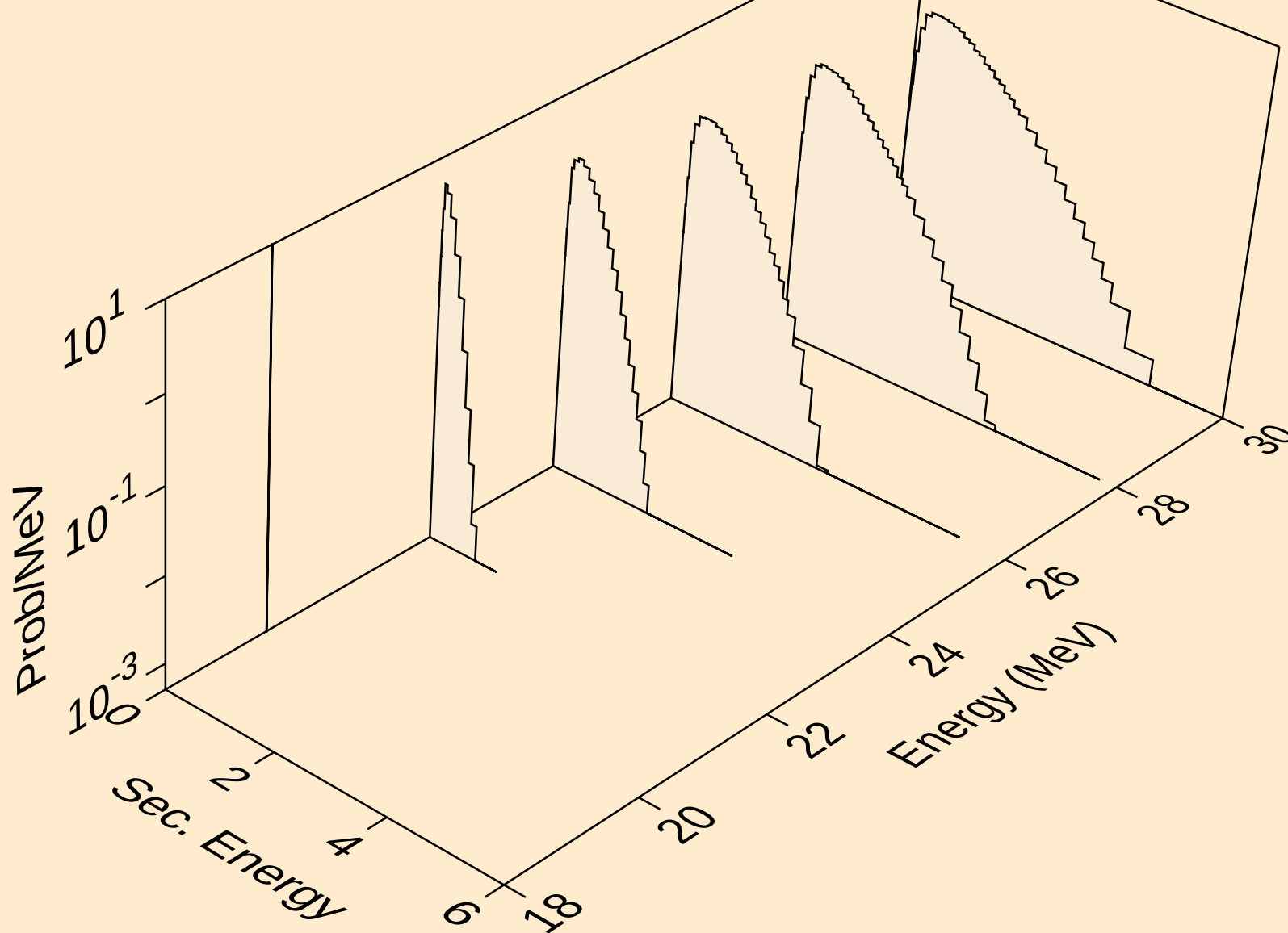
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)a



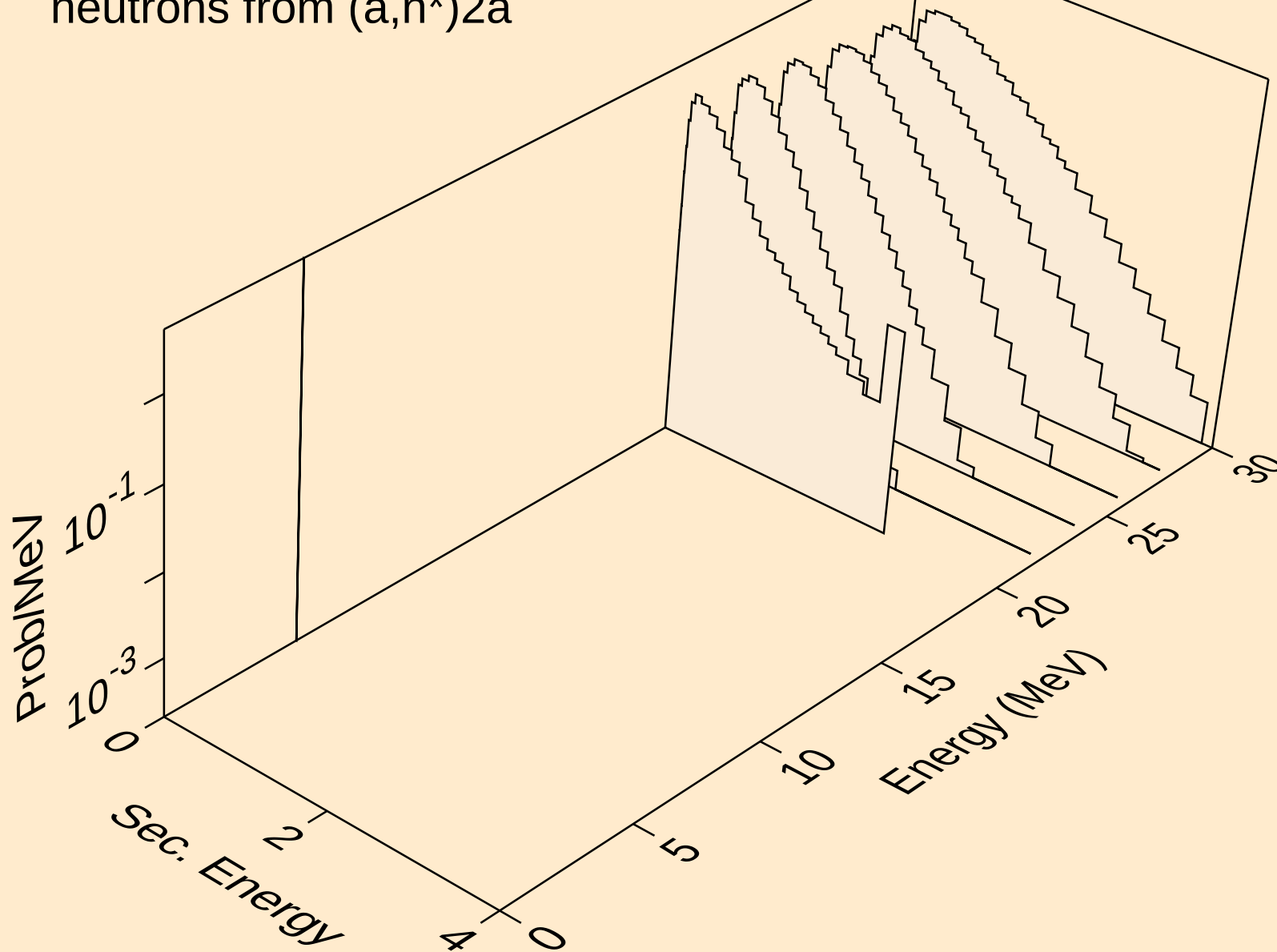
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2n)a



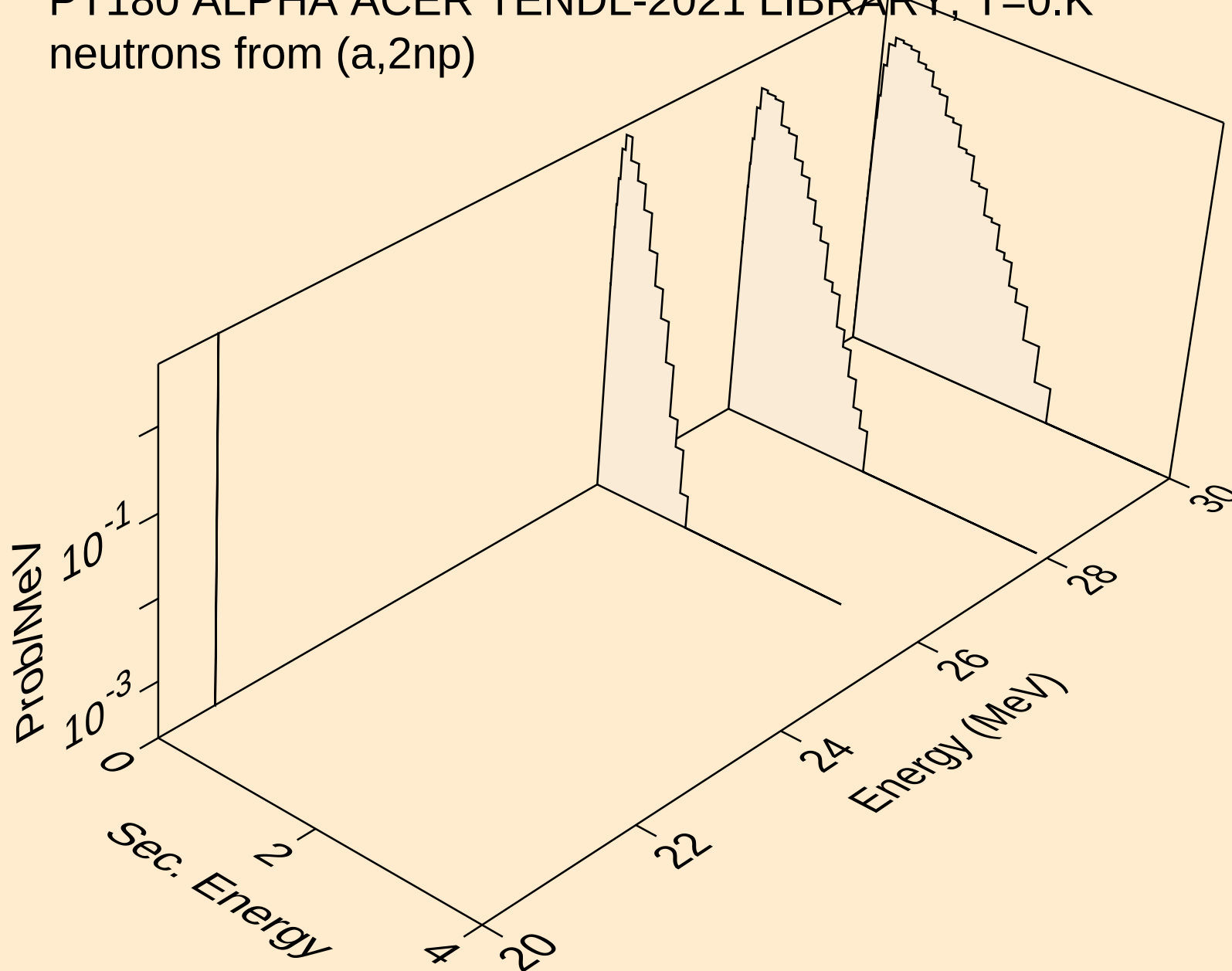
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)p



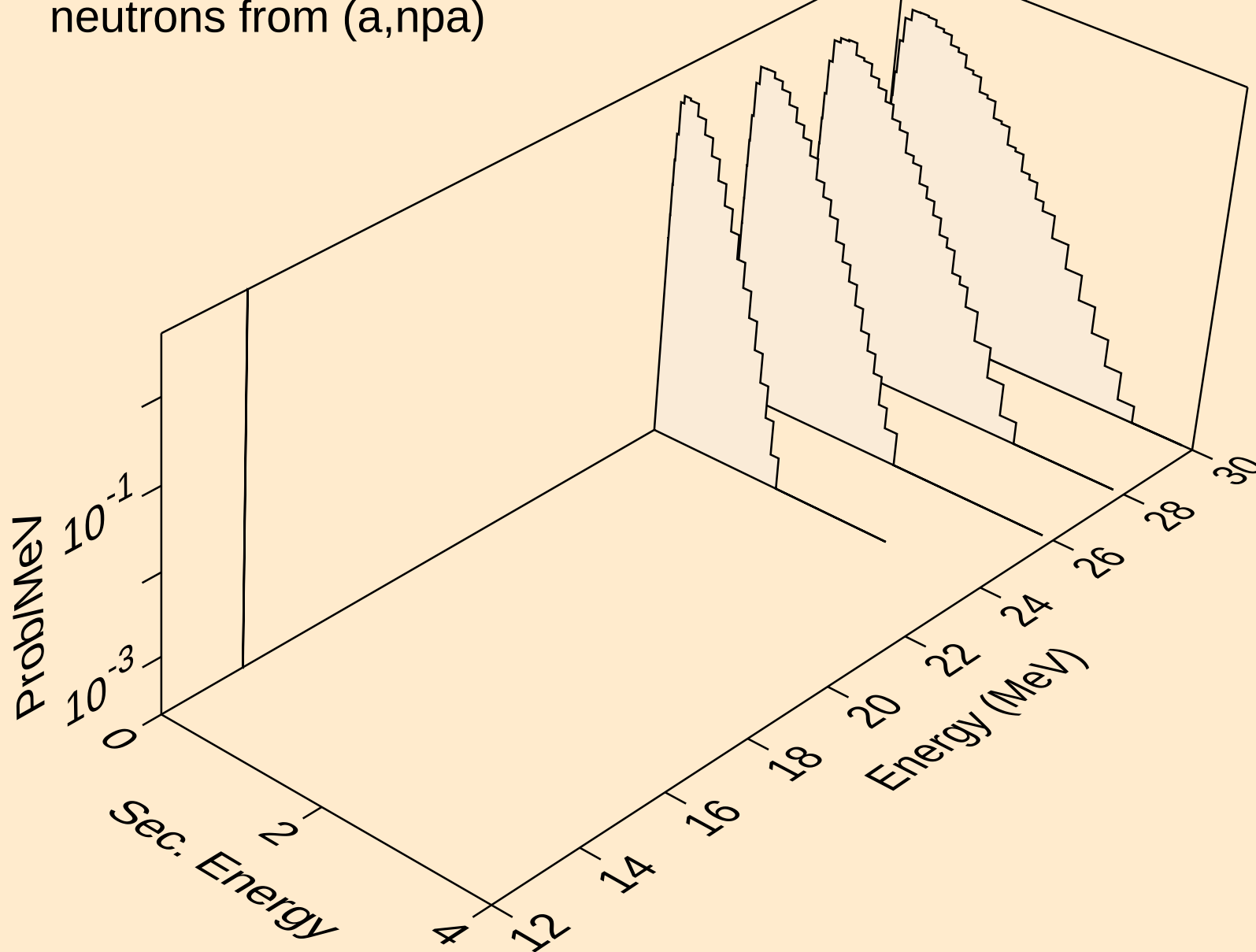
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)2a



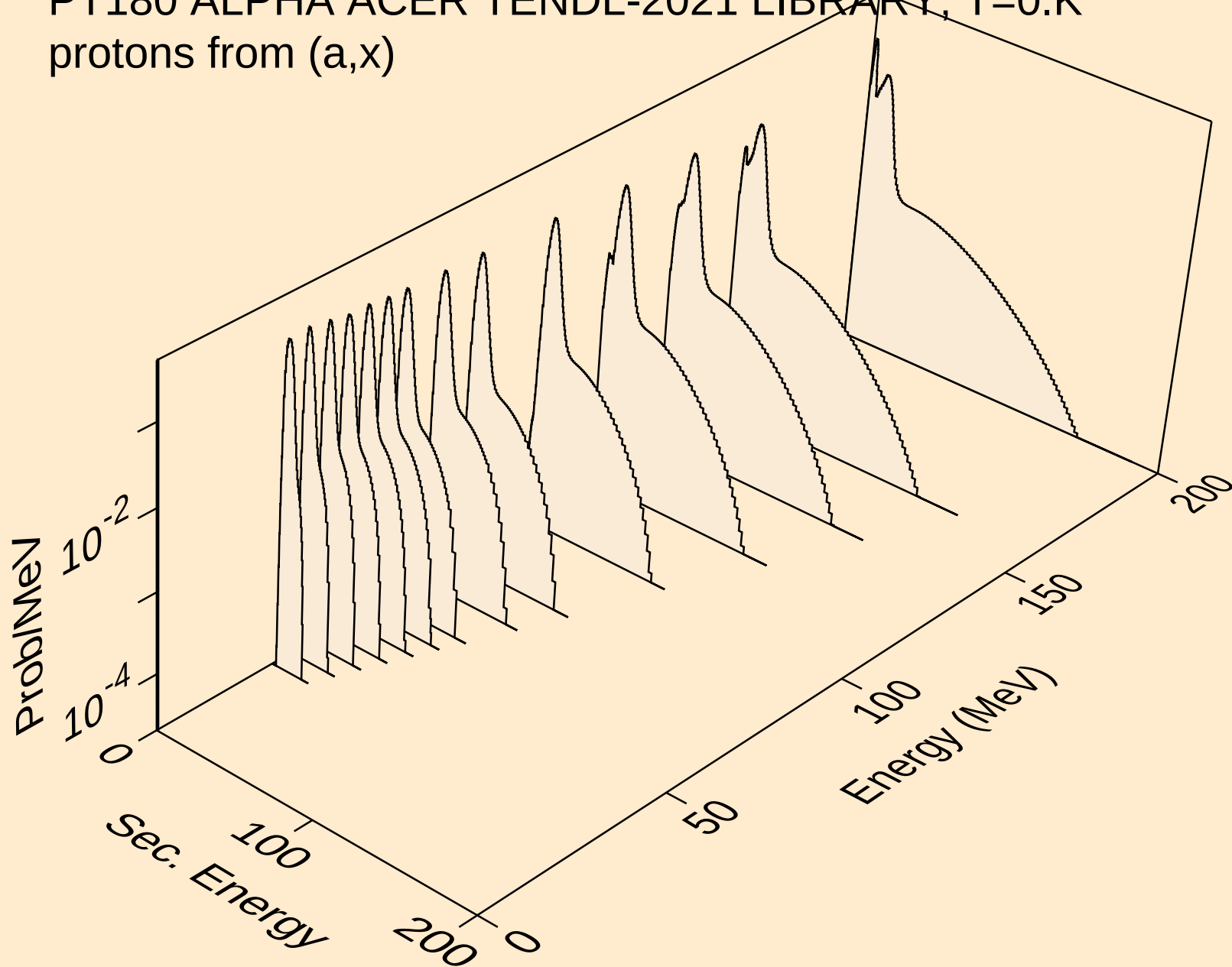
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2np)



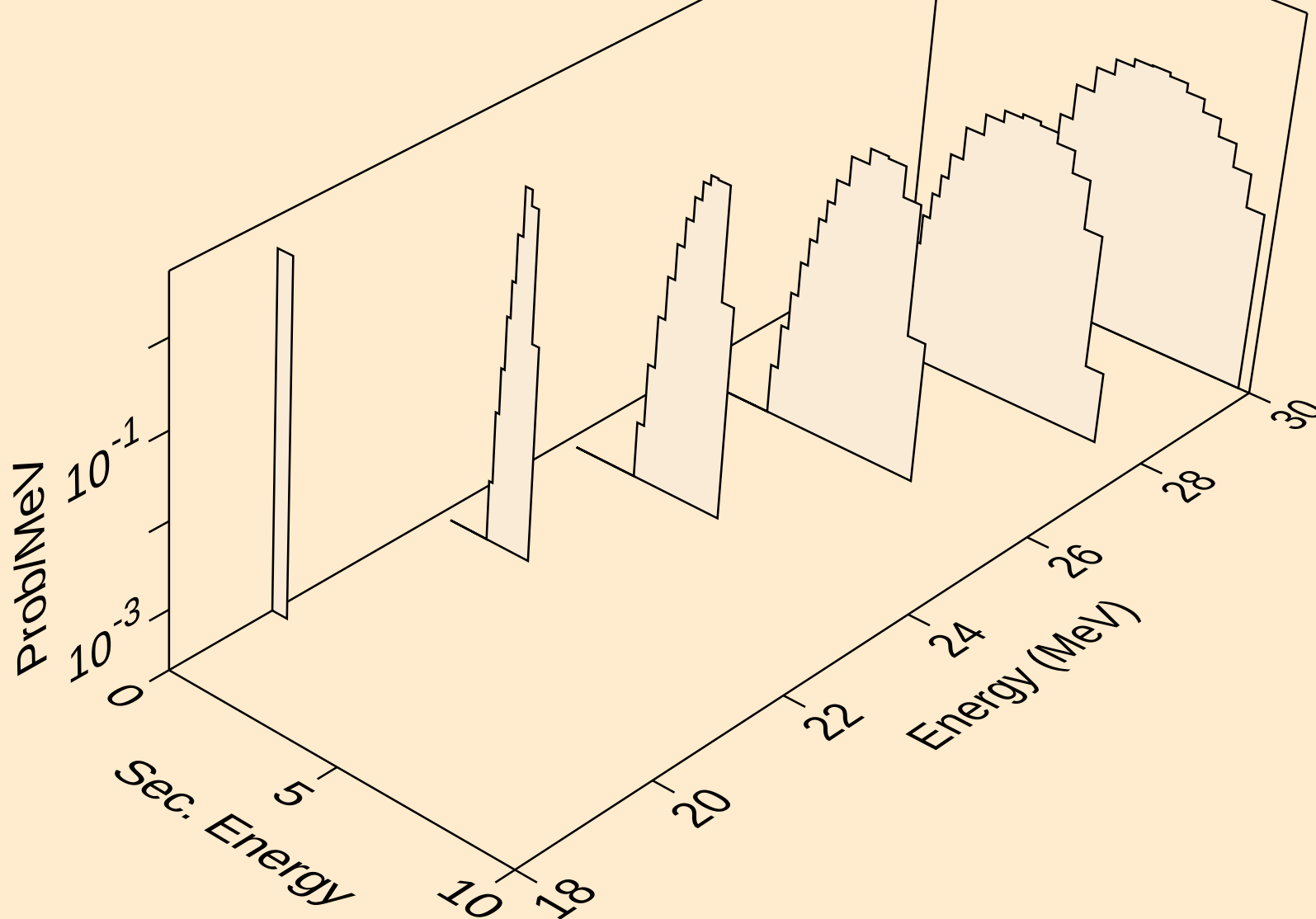
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,npa)



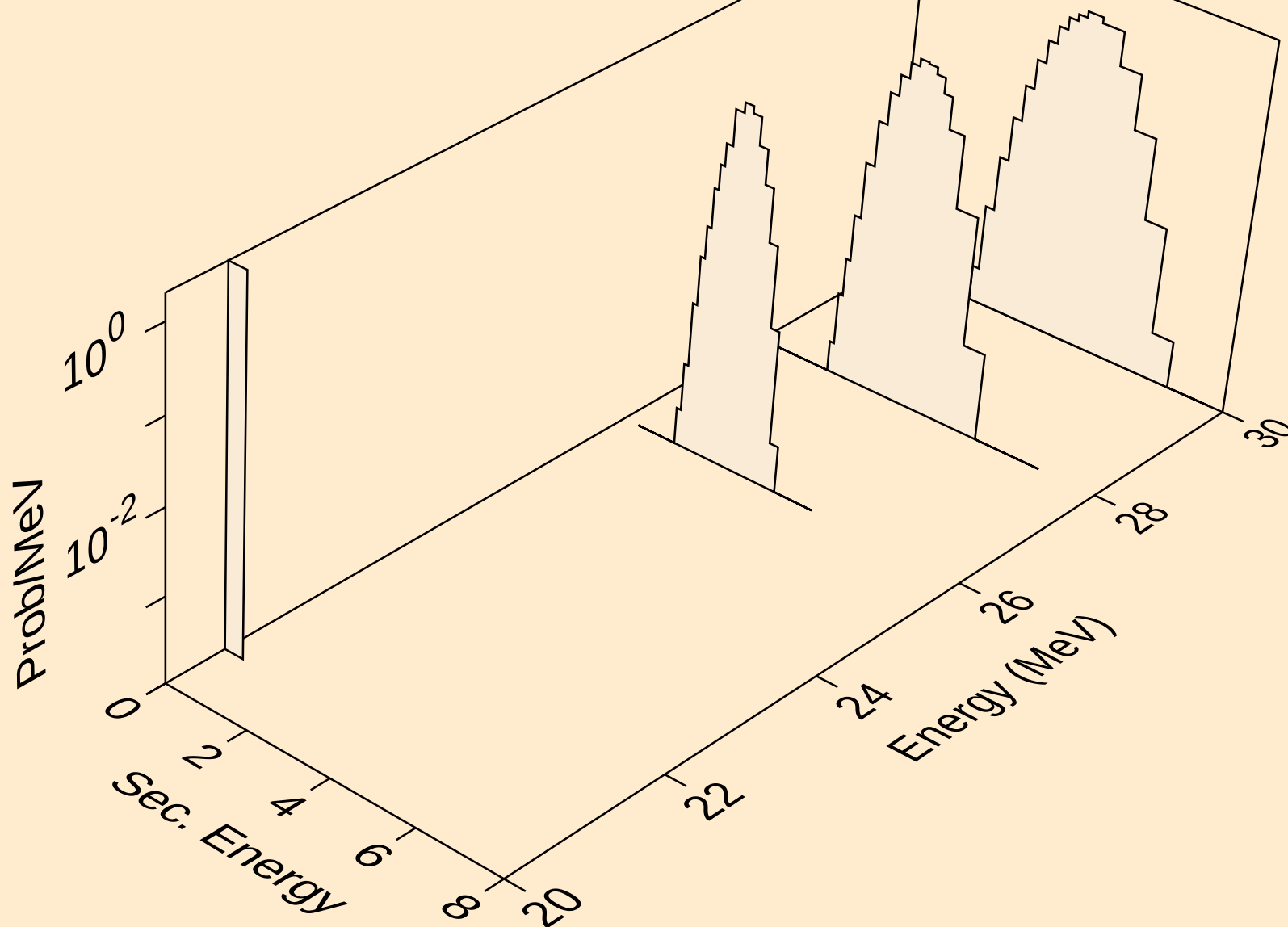
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,x)



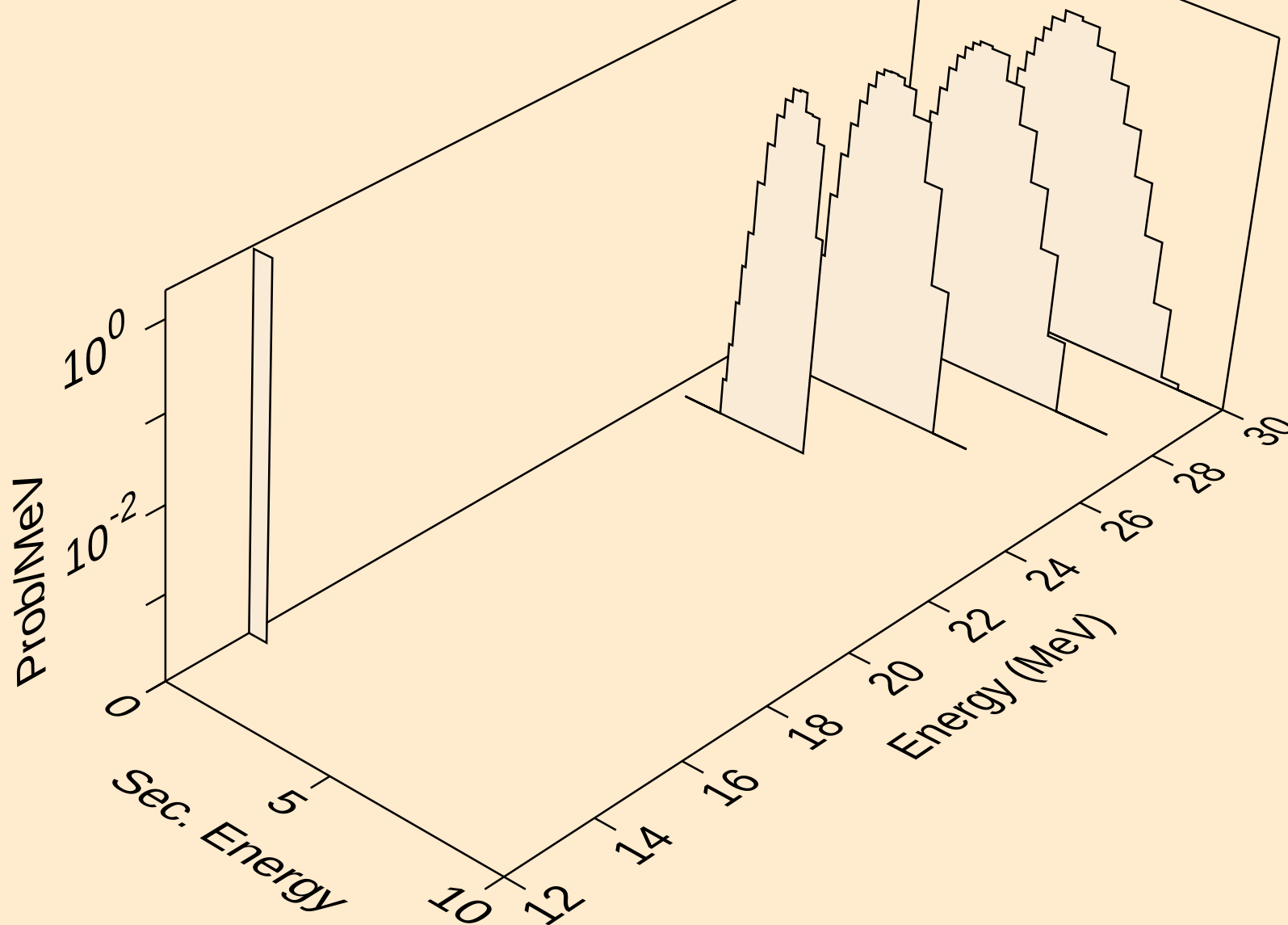
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,n*)p



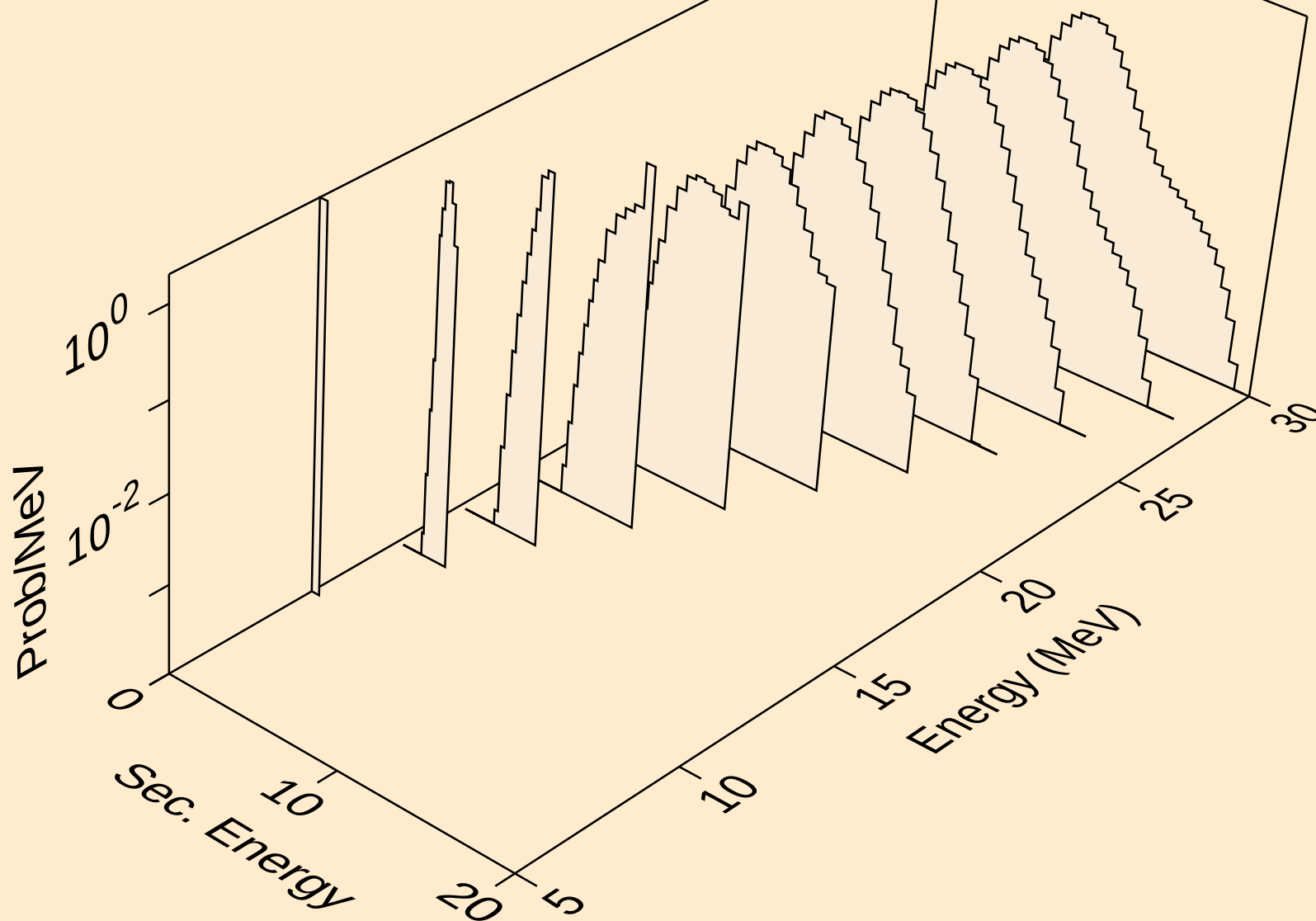
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,2np)



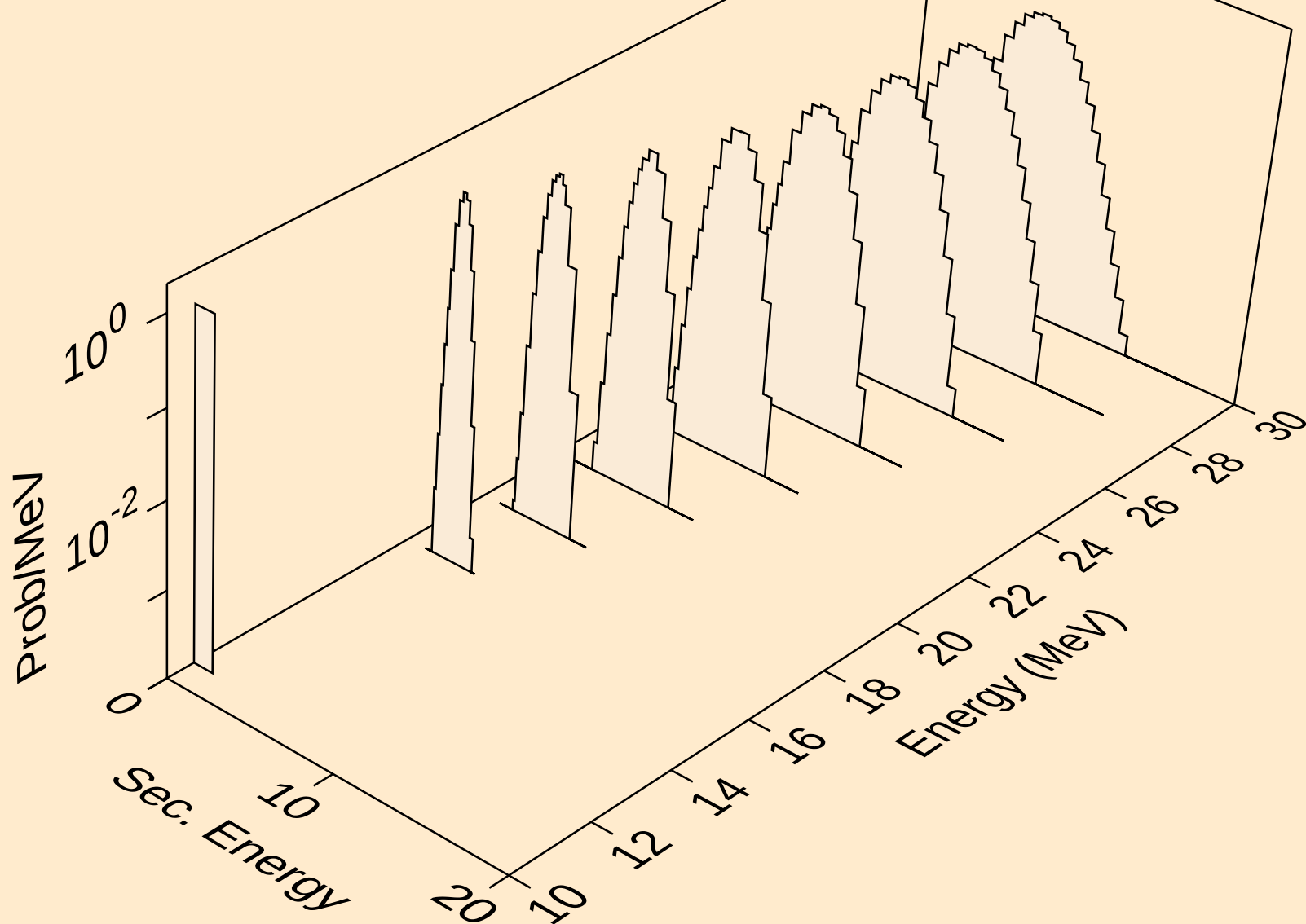
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protons from (a,npa)



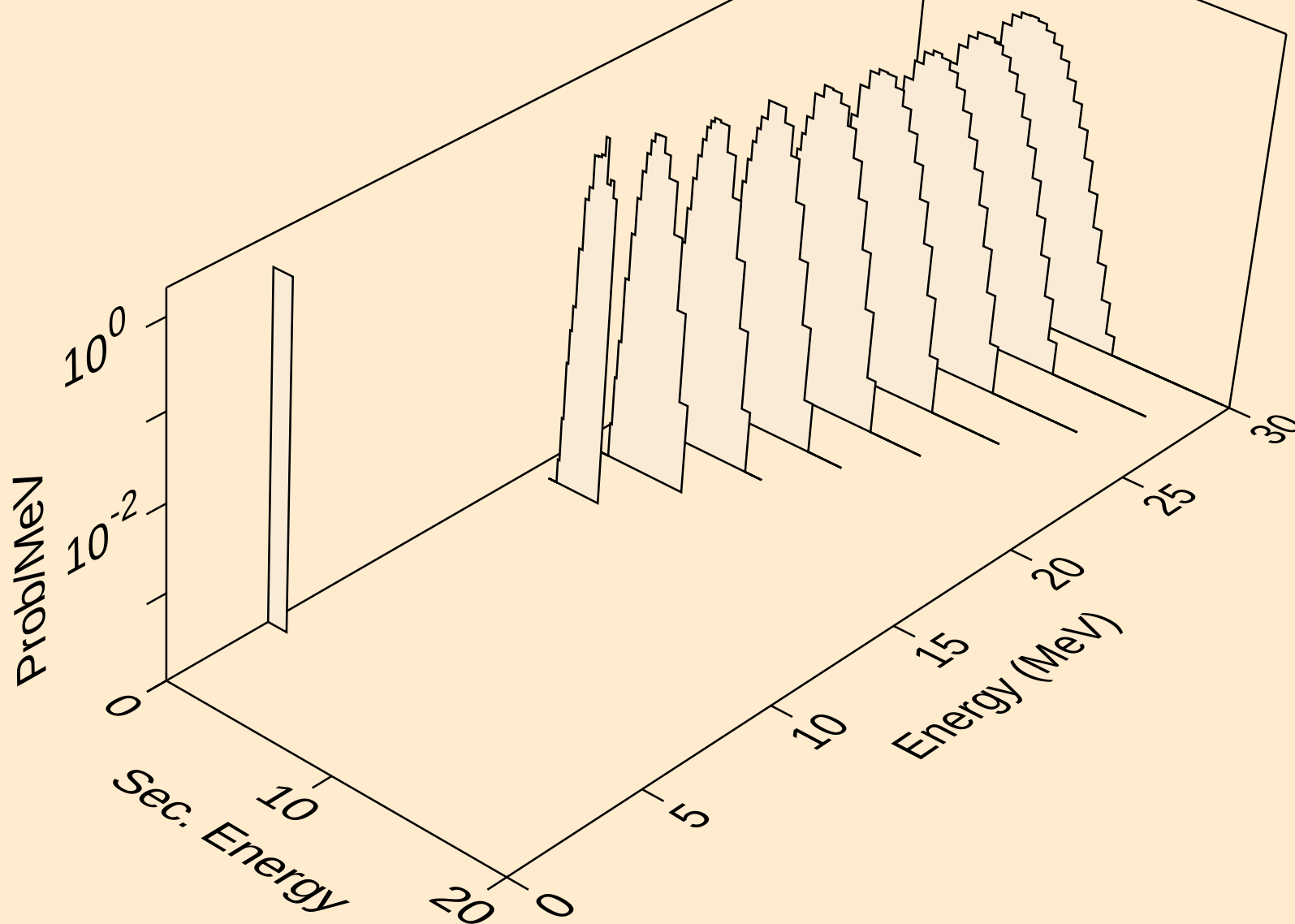
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protons from (a,p)



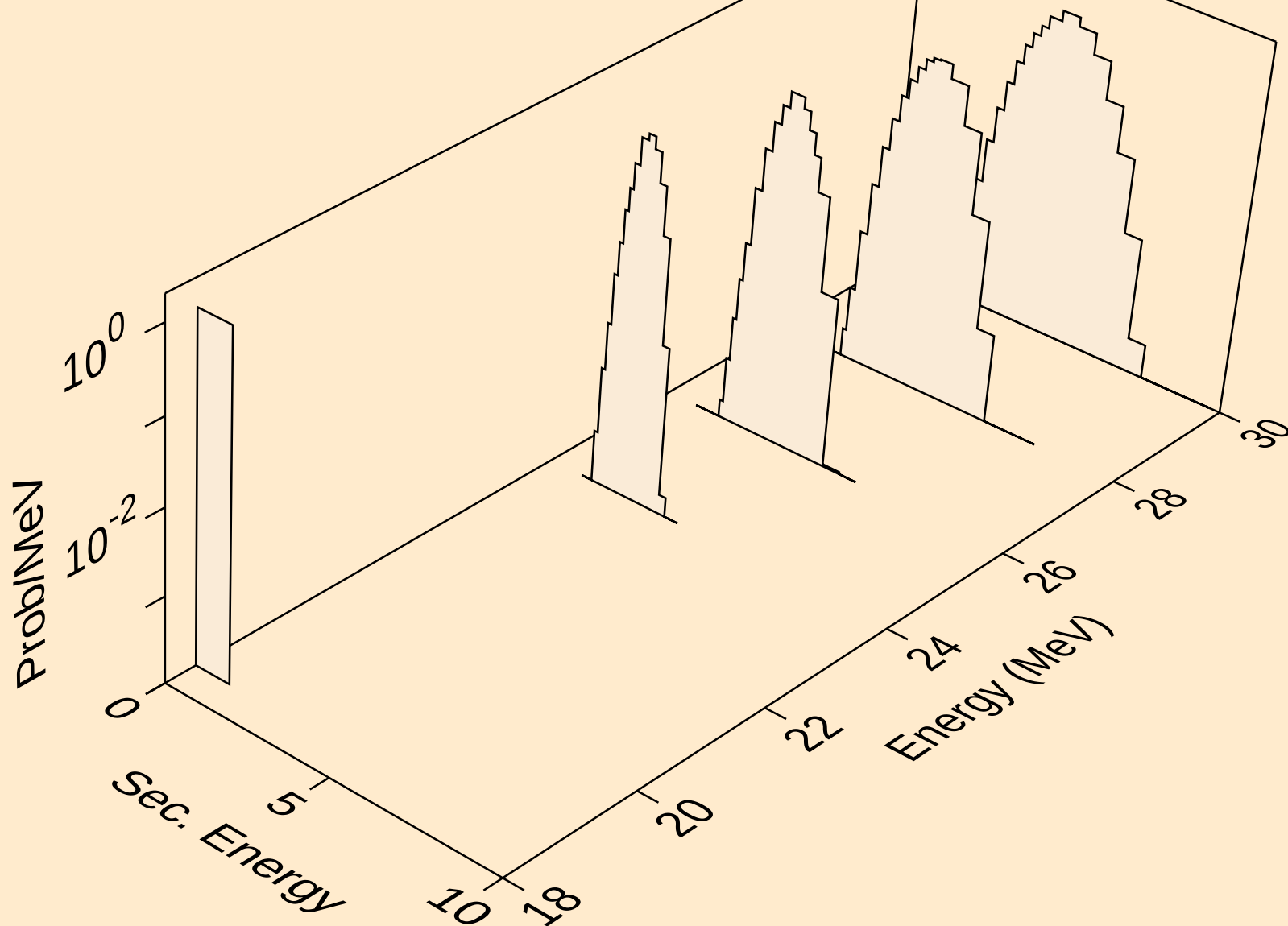
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,2p)



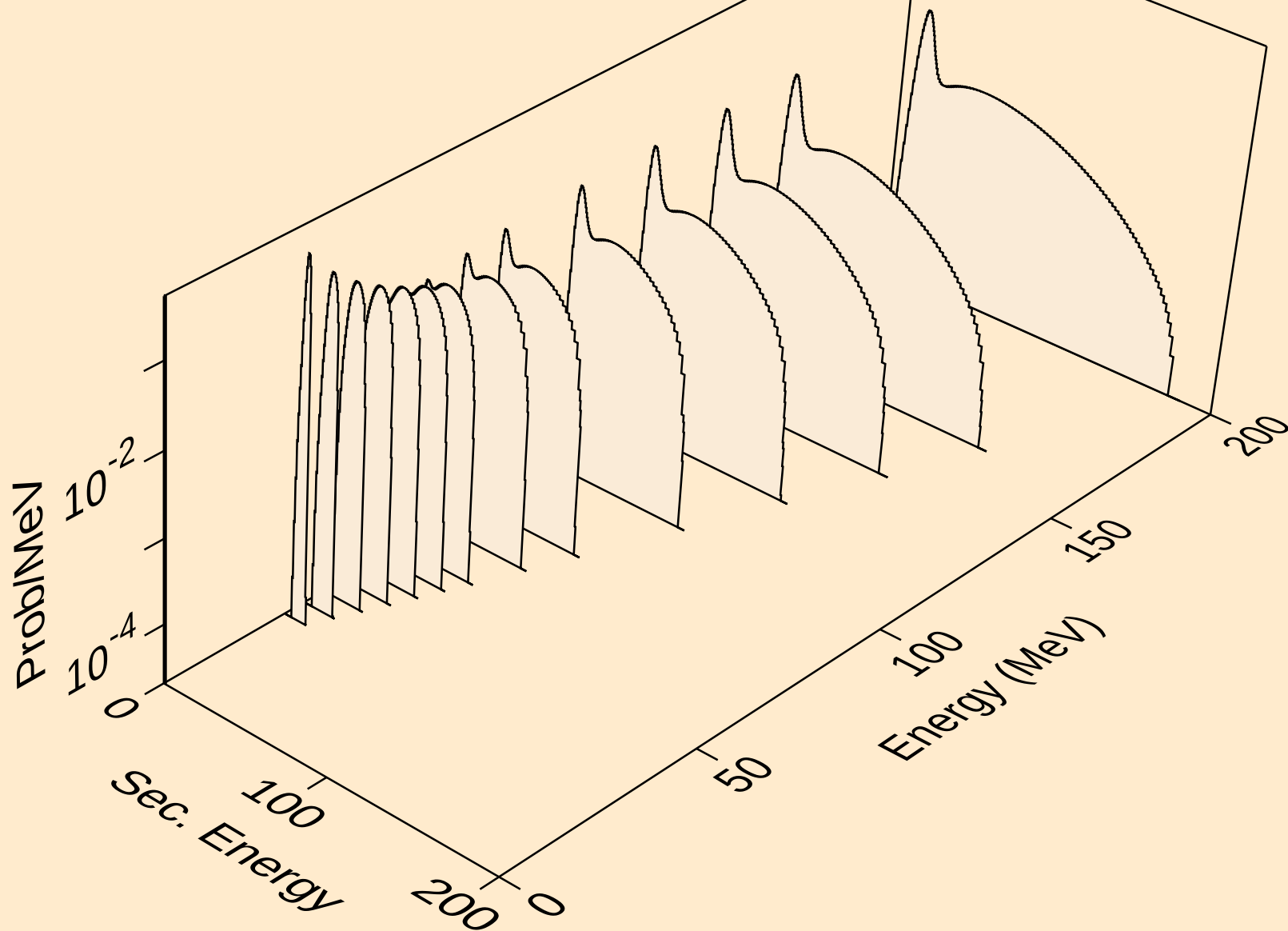
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protons from (a,pa)



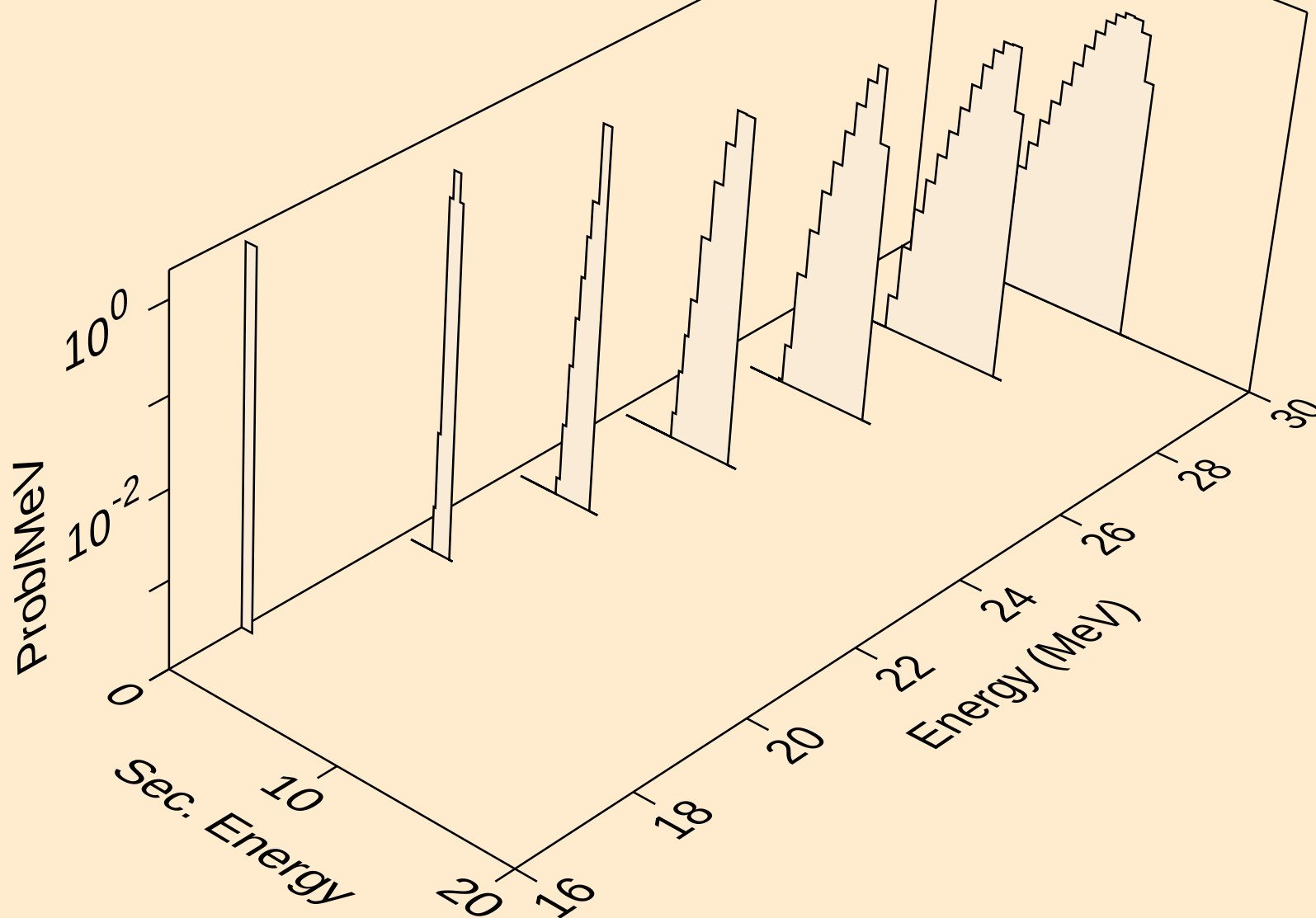
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,pd)



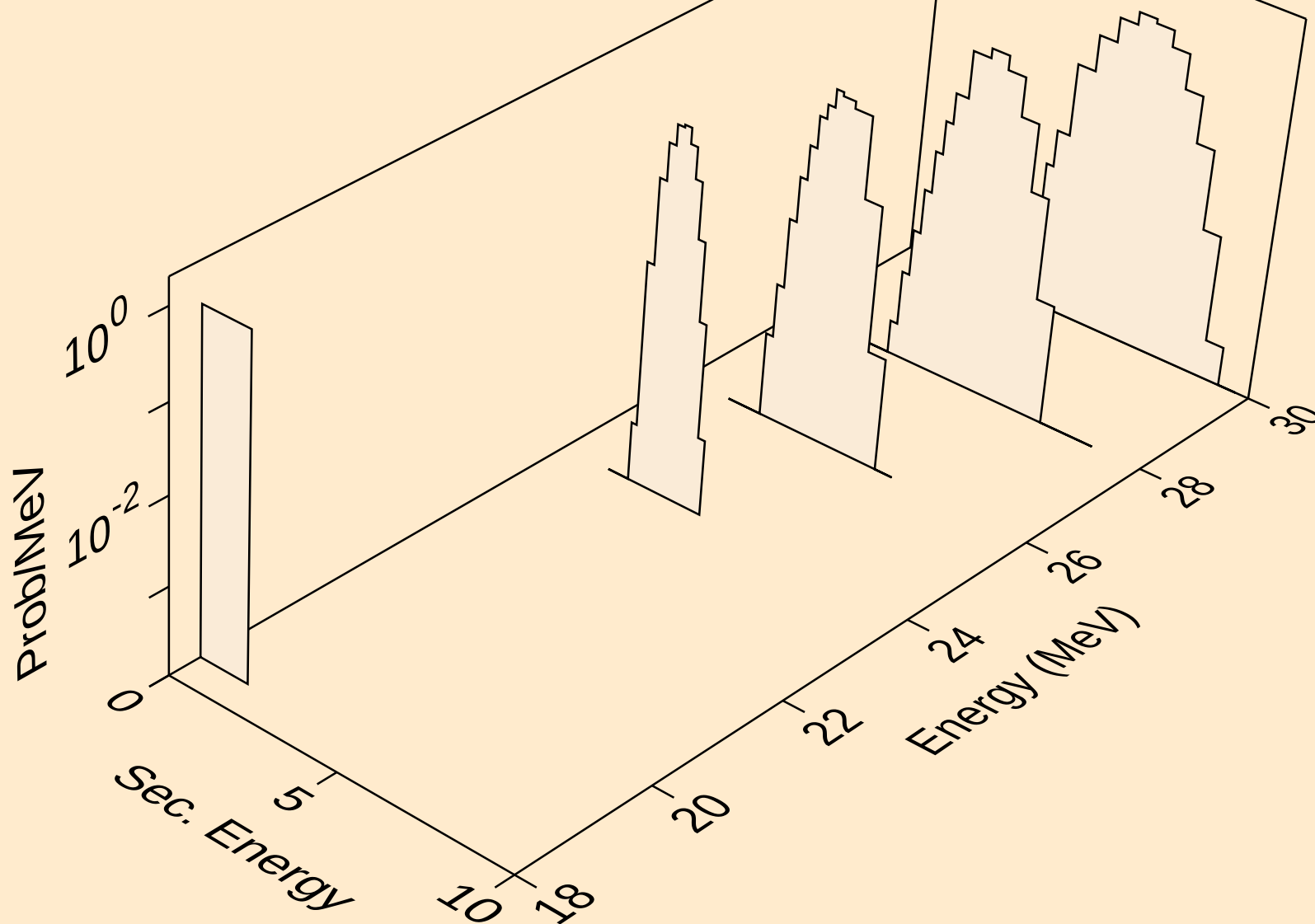
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,x)



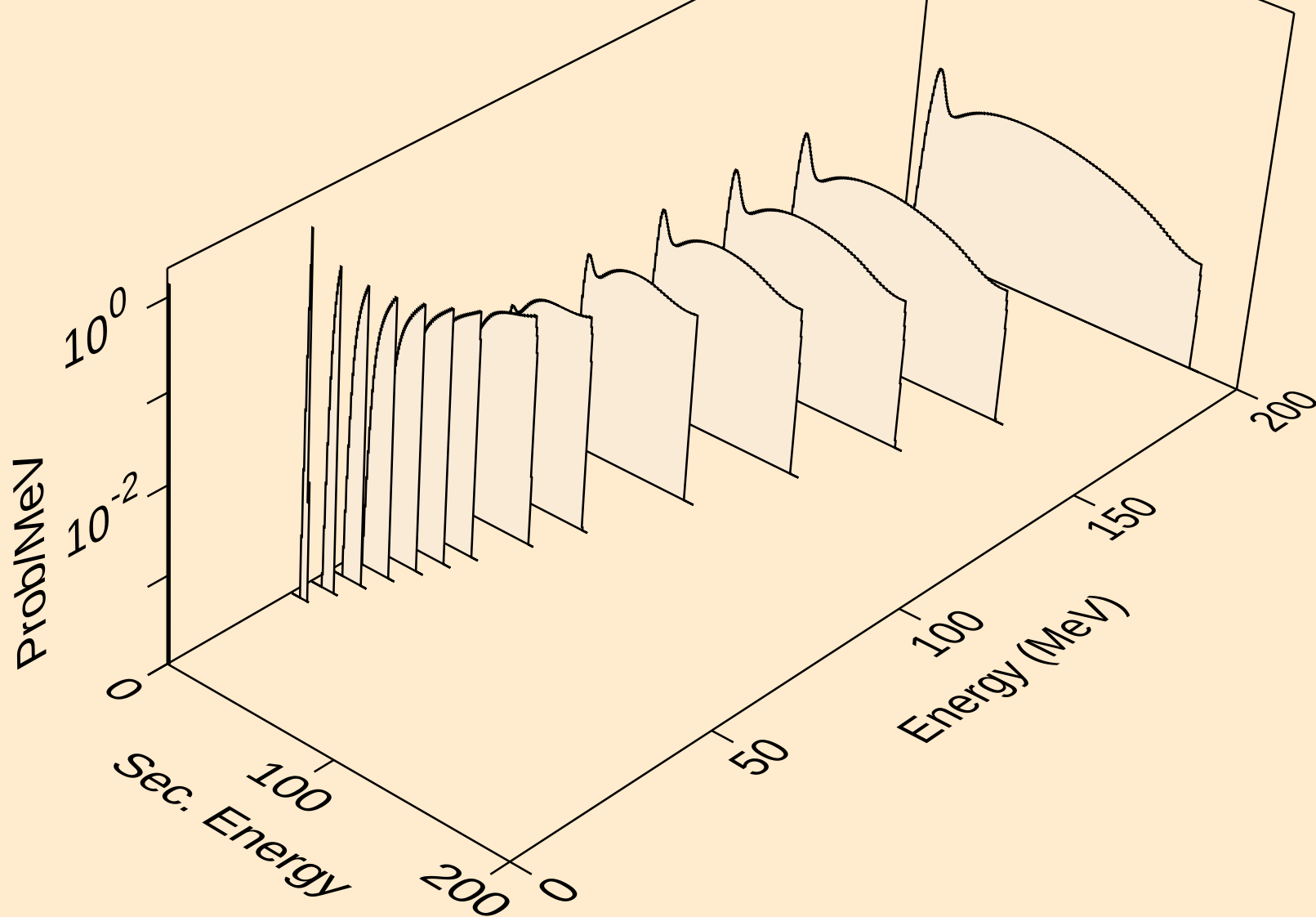
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,d)



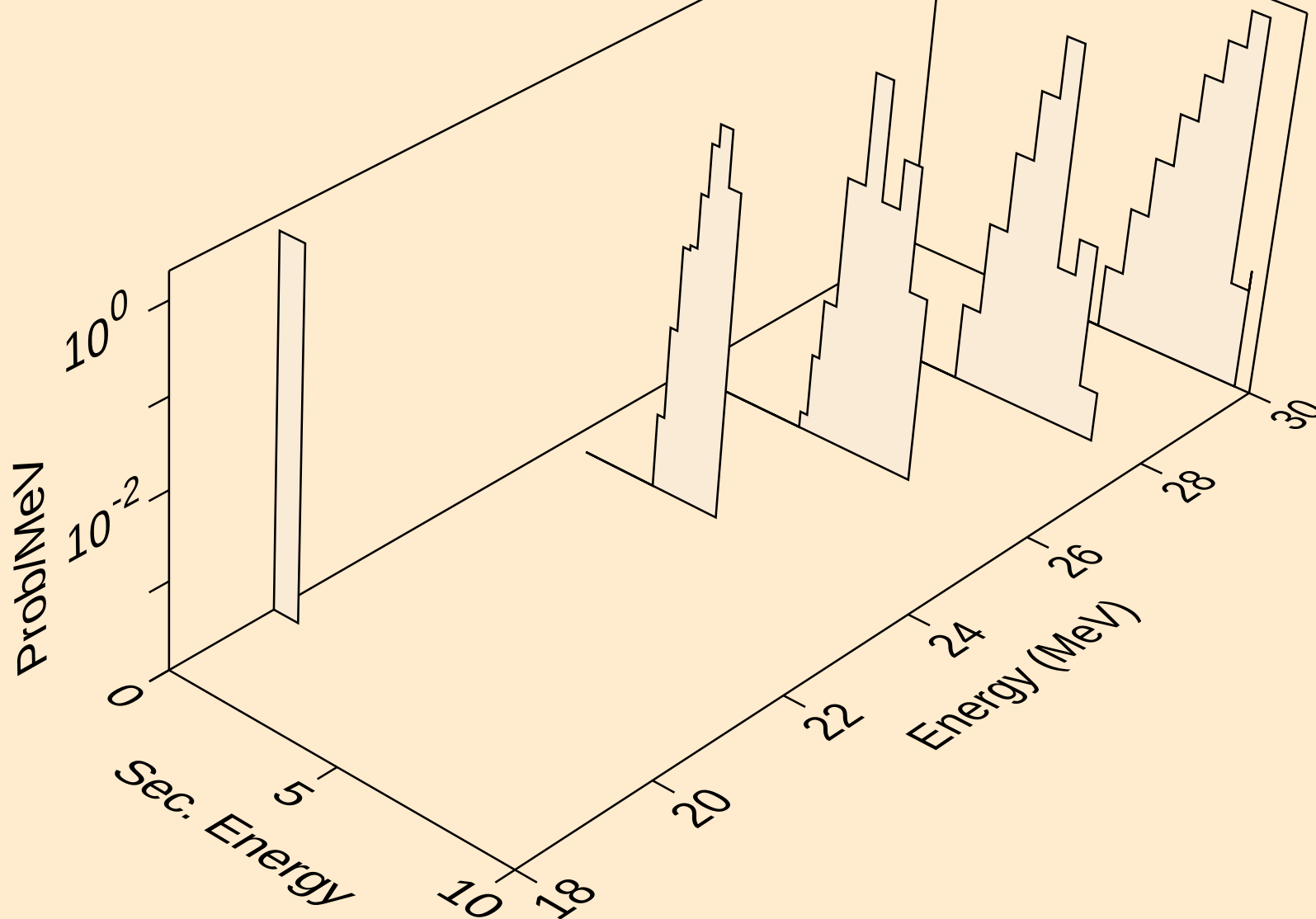
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,pd)



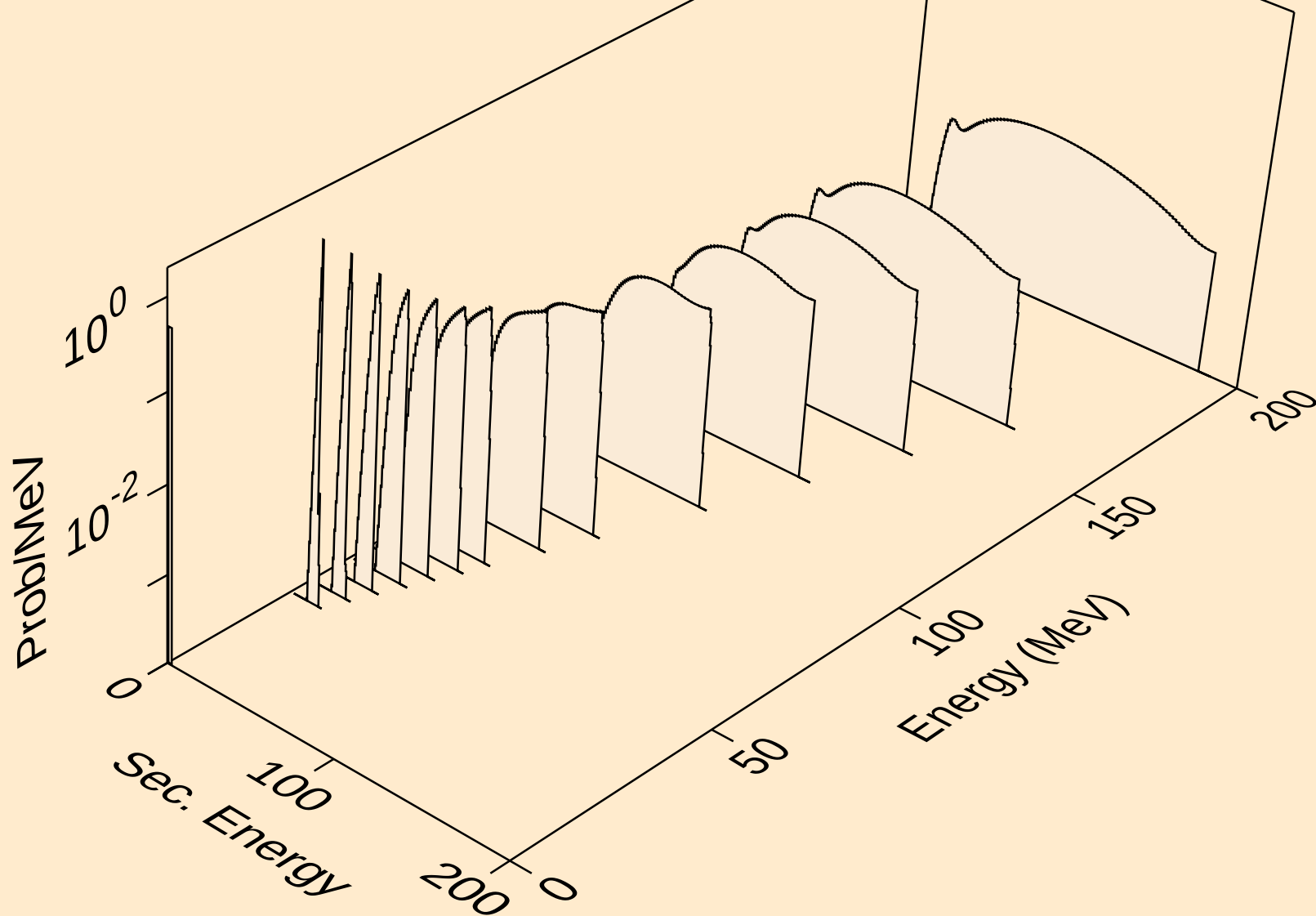
PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,x)



PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,t)



PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,x)



PT180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,he3)

