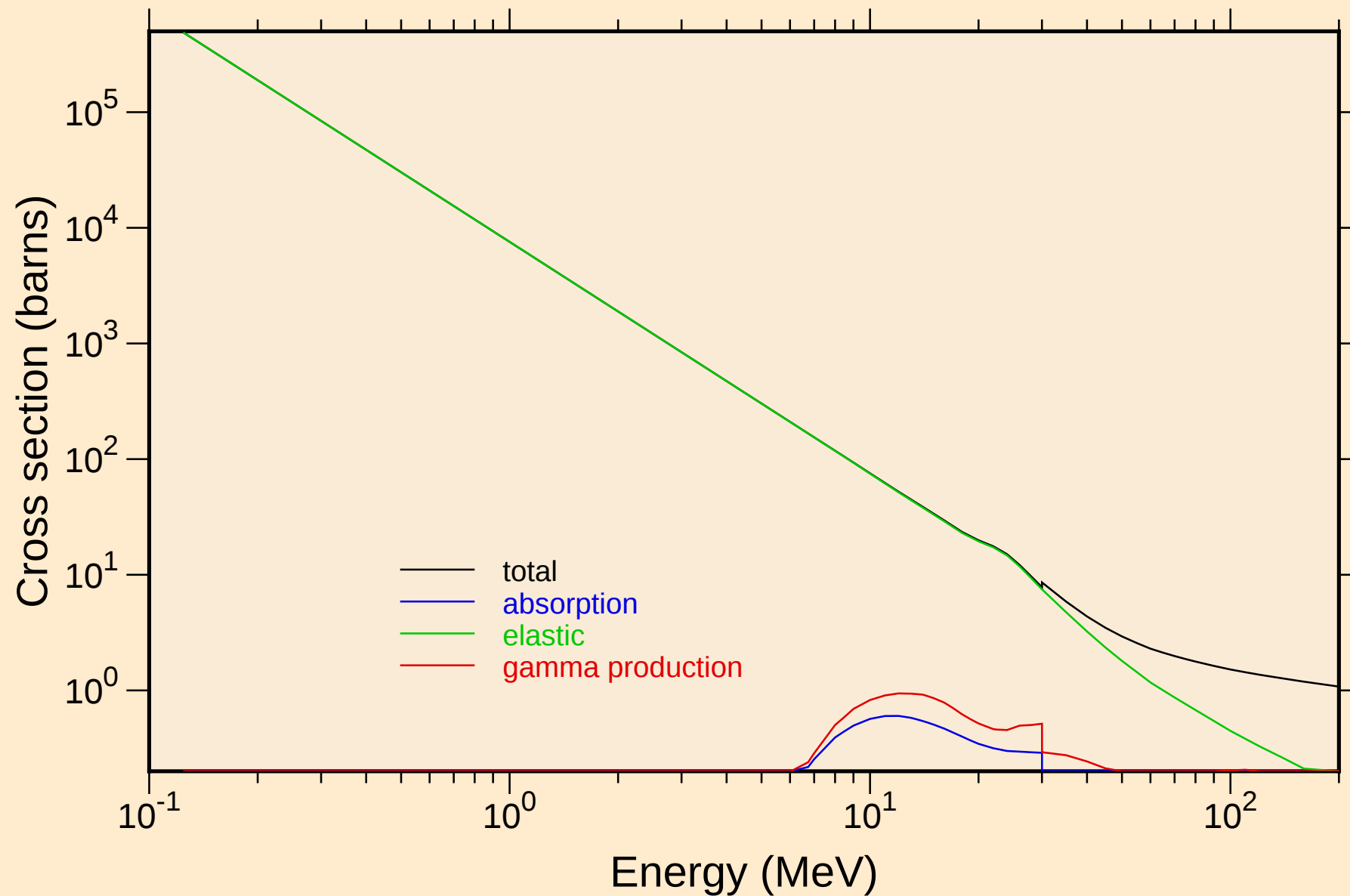


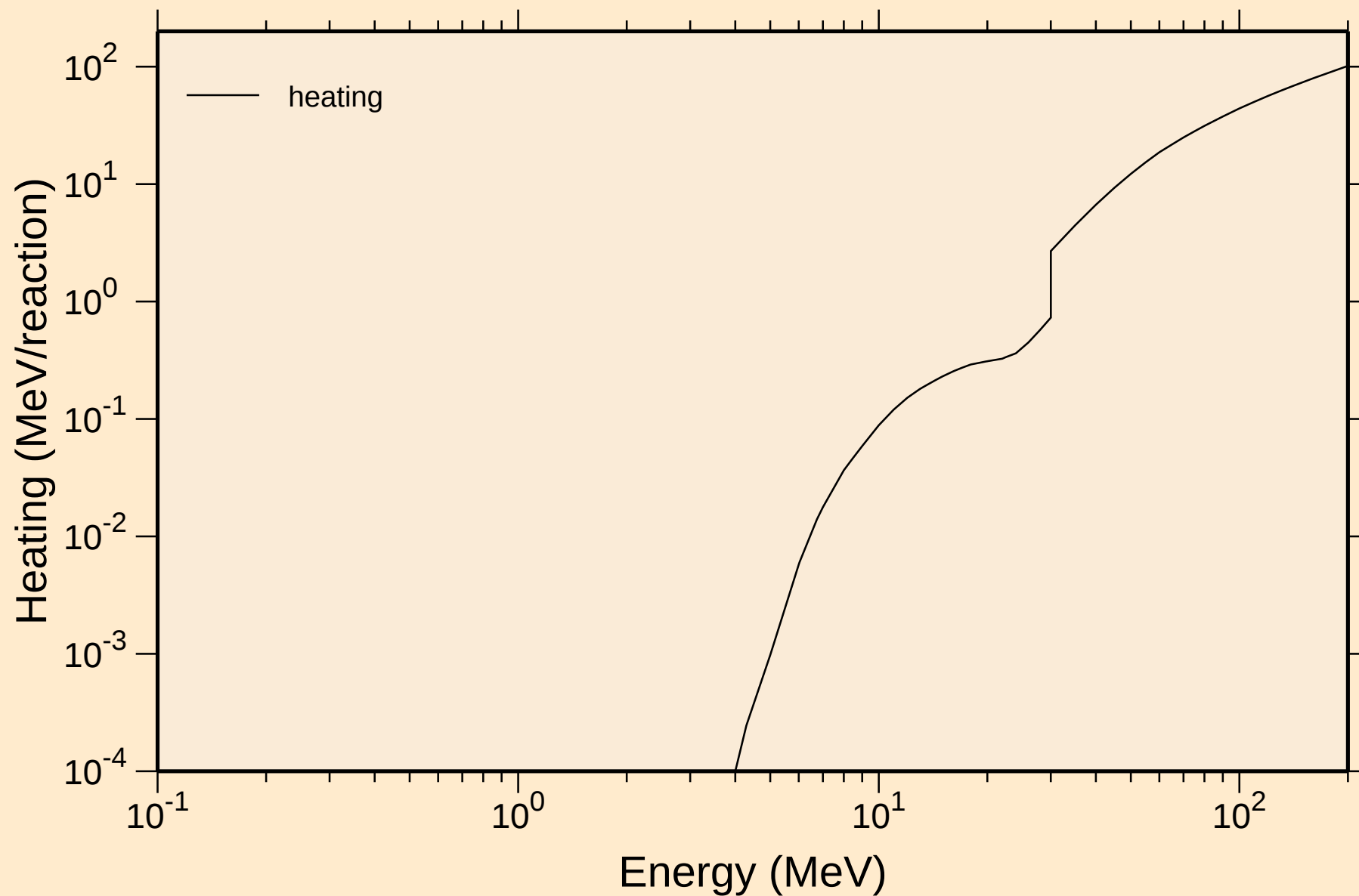
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



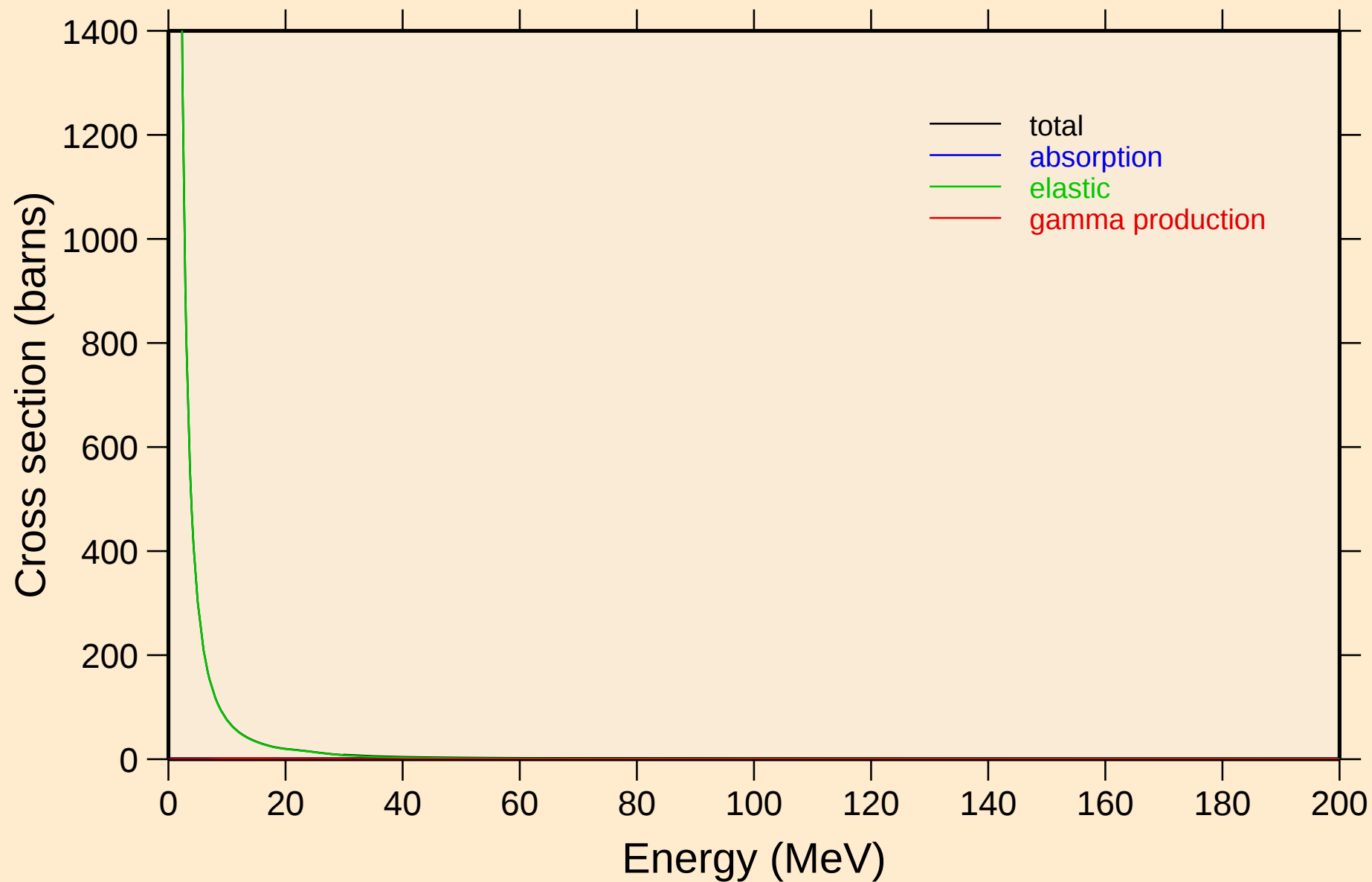
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



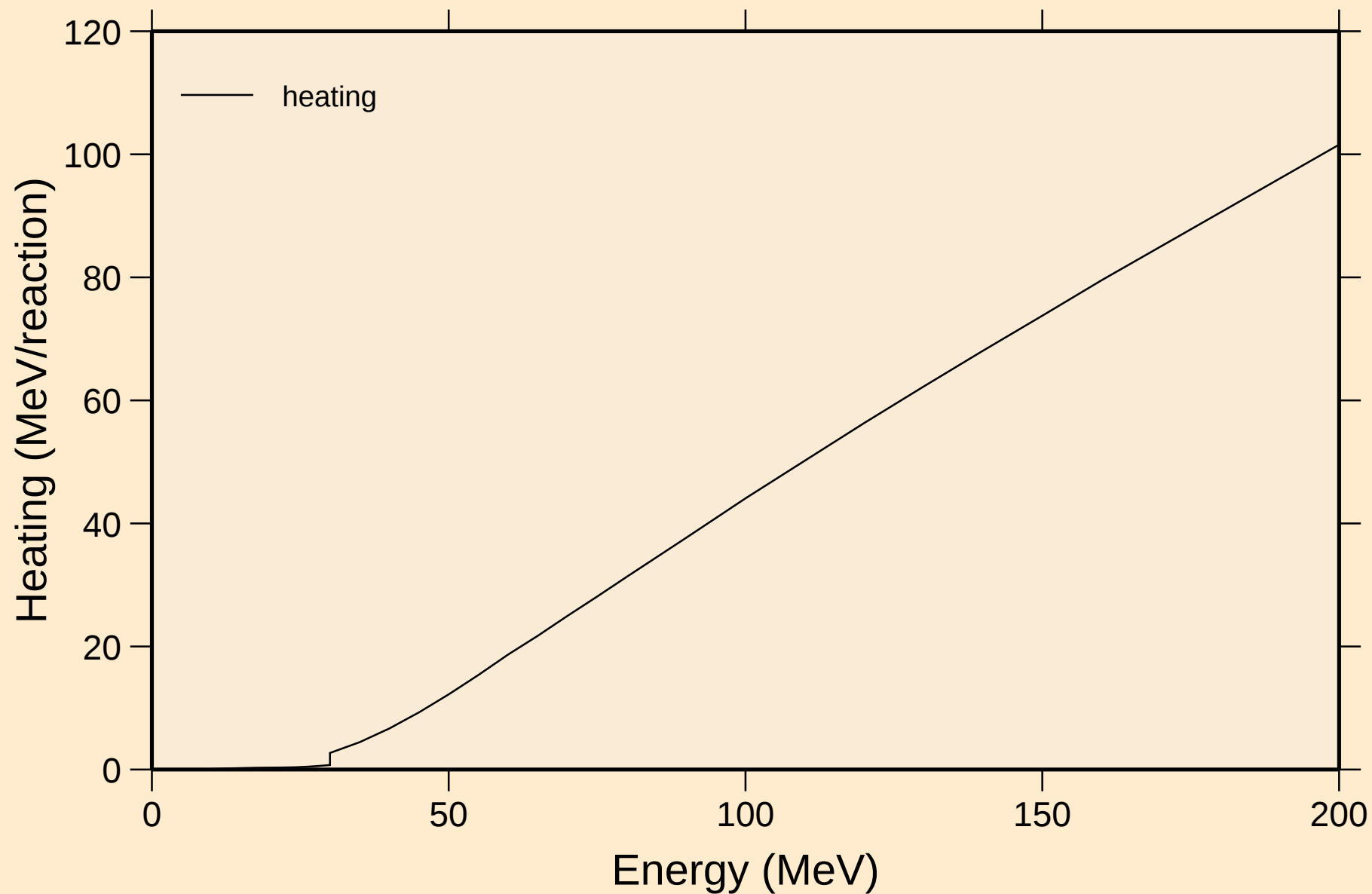
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



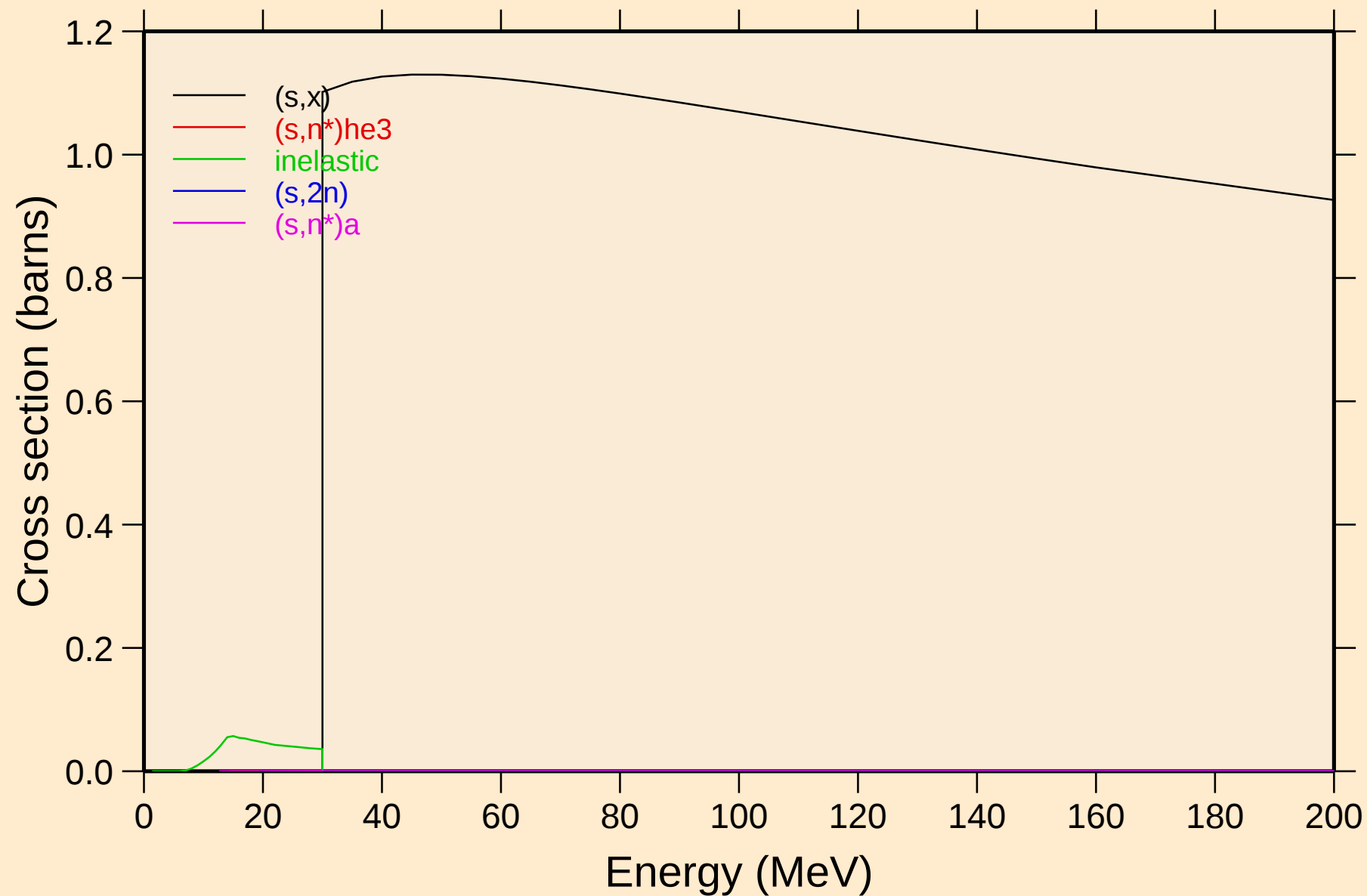
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



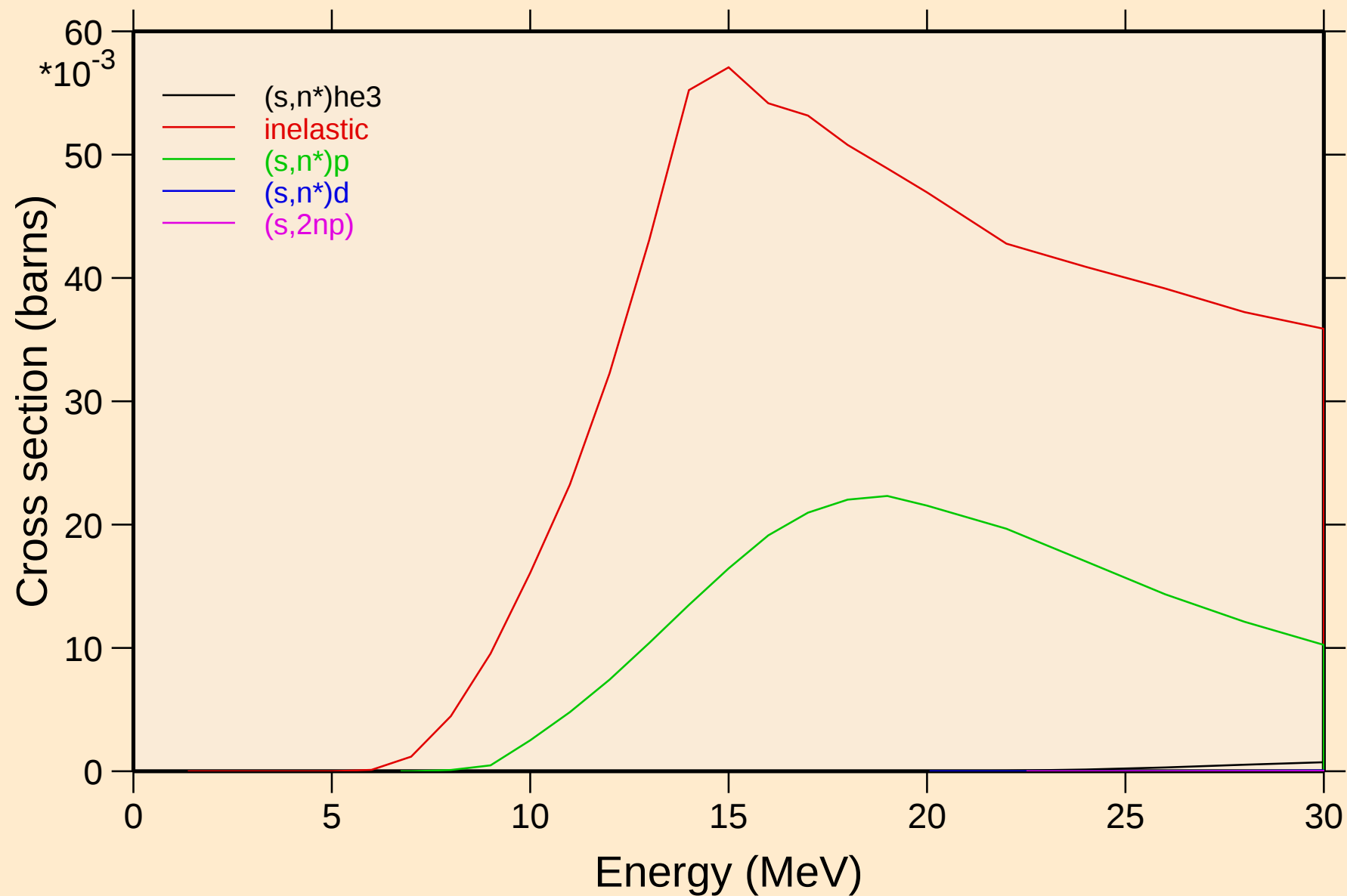
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



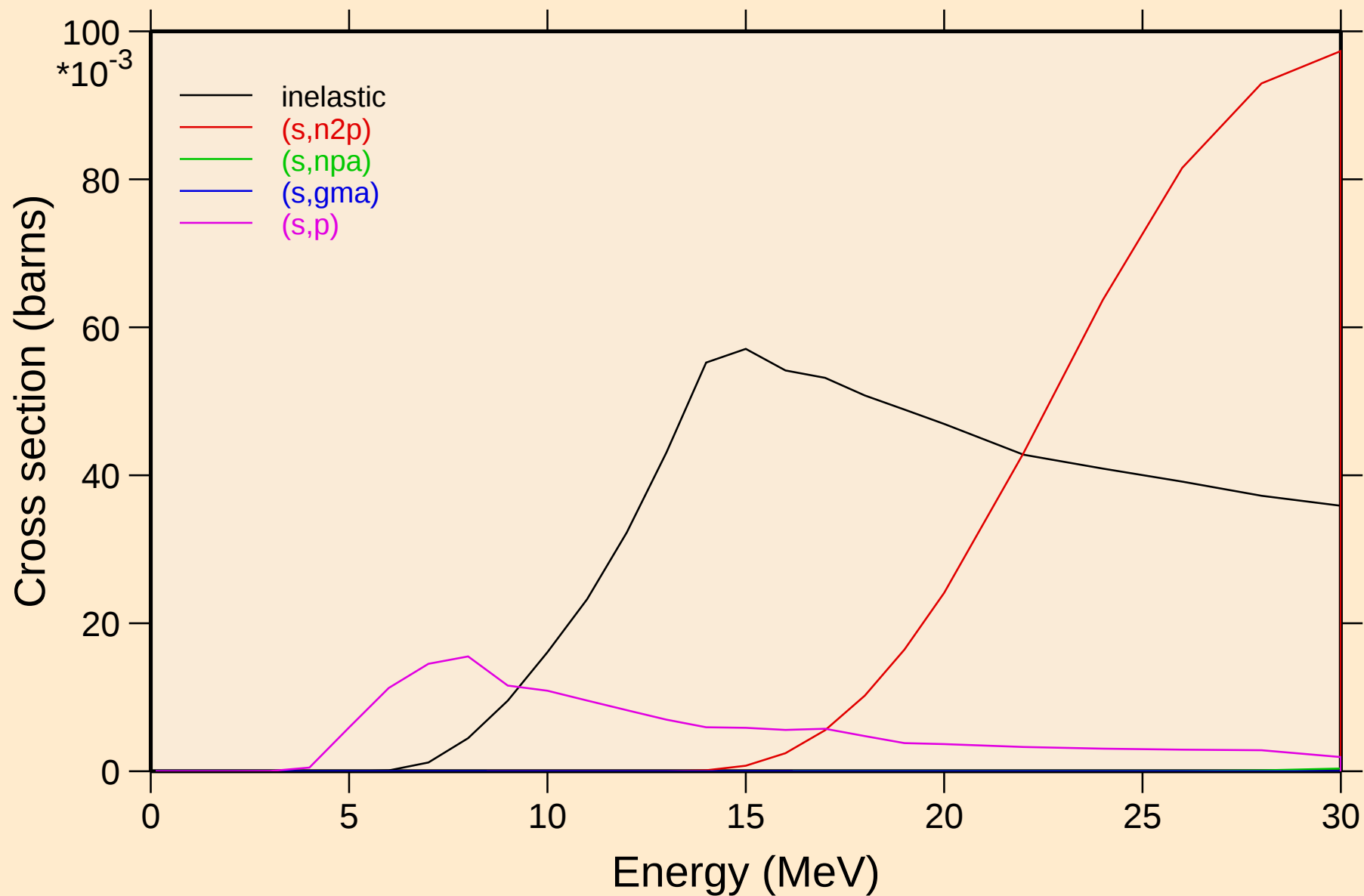
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



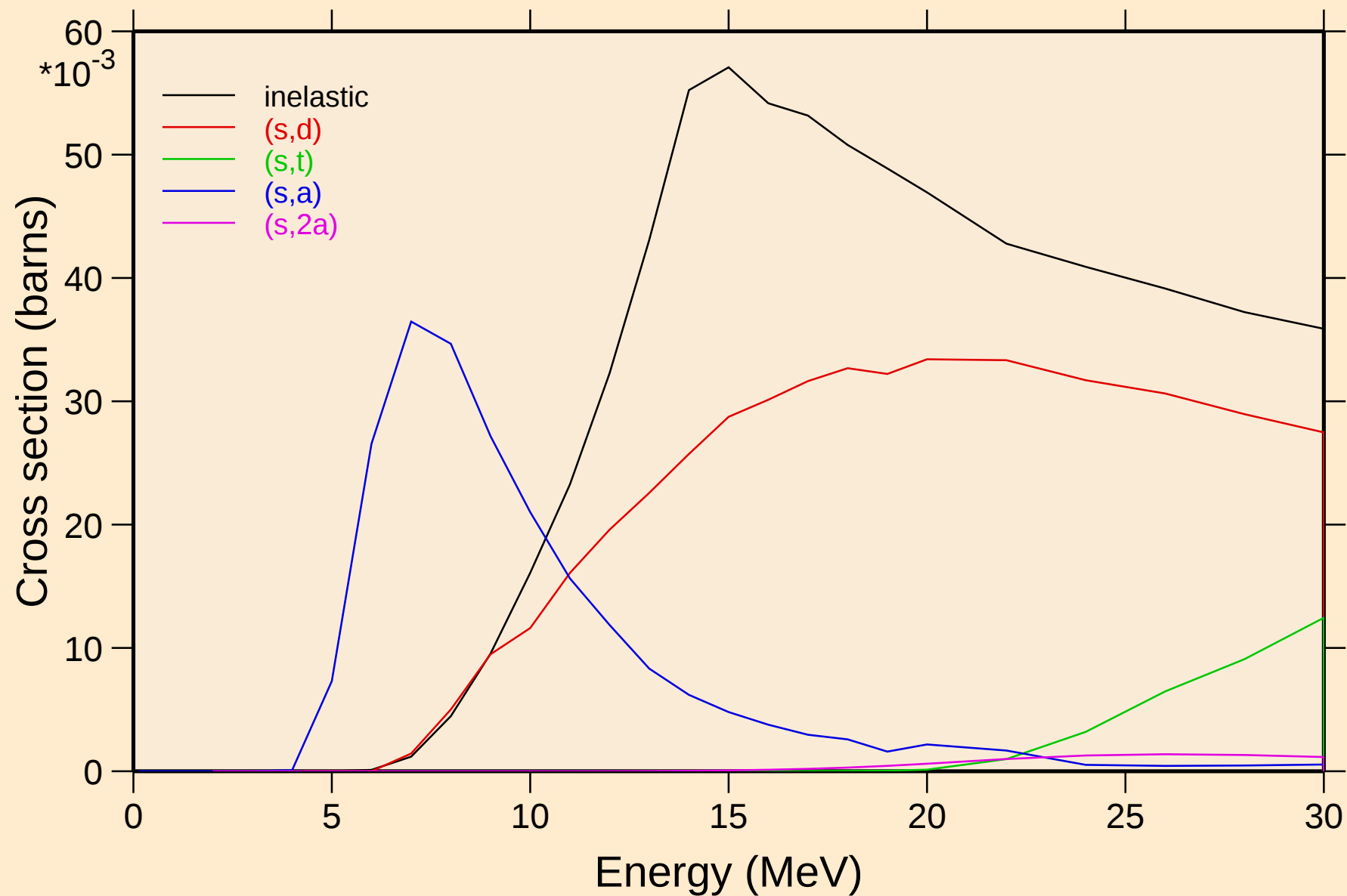
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



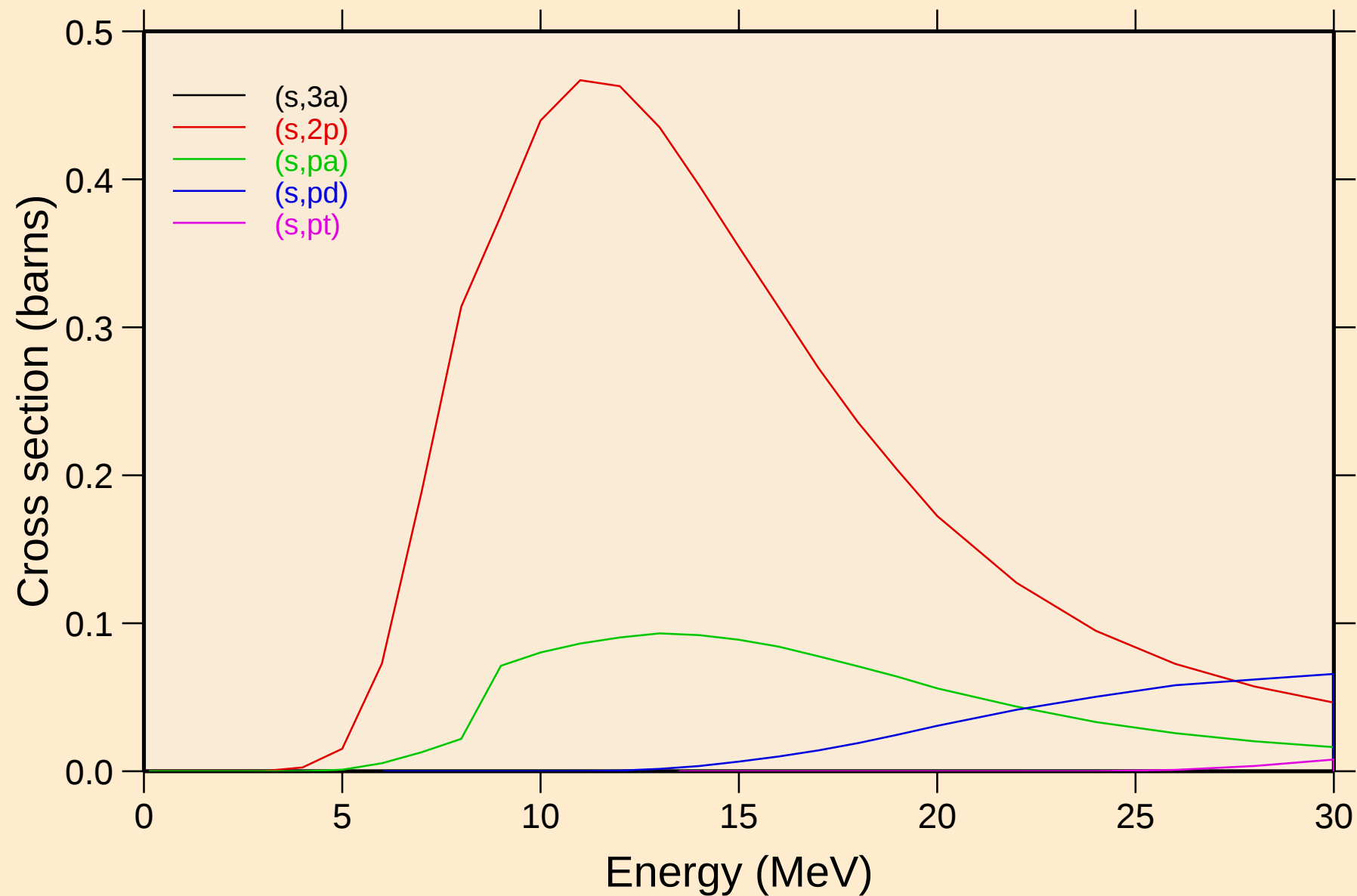
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



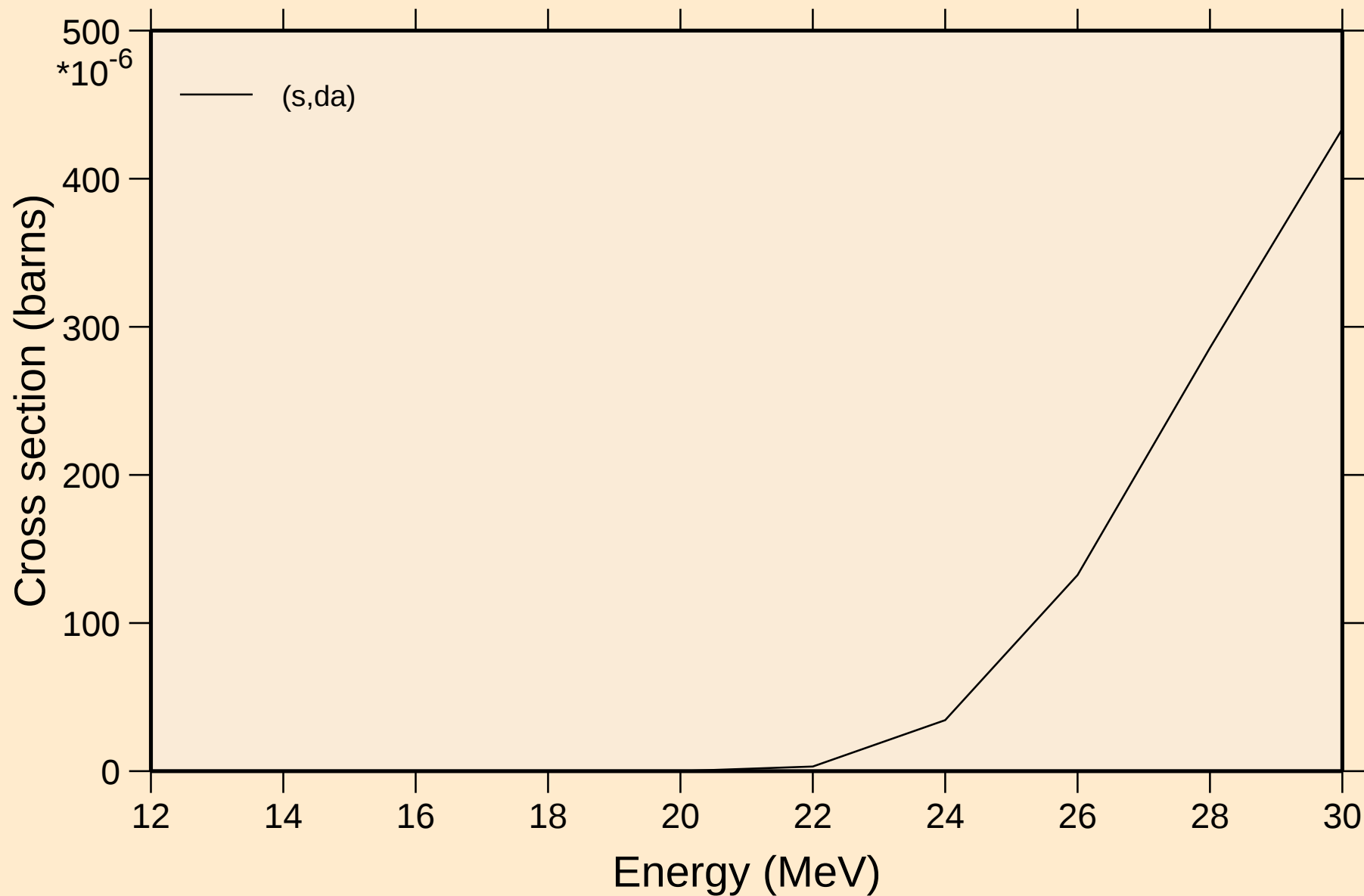
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

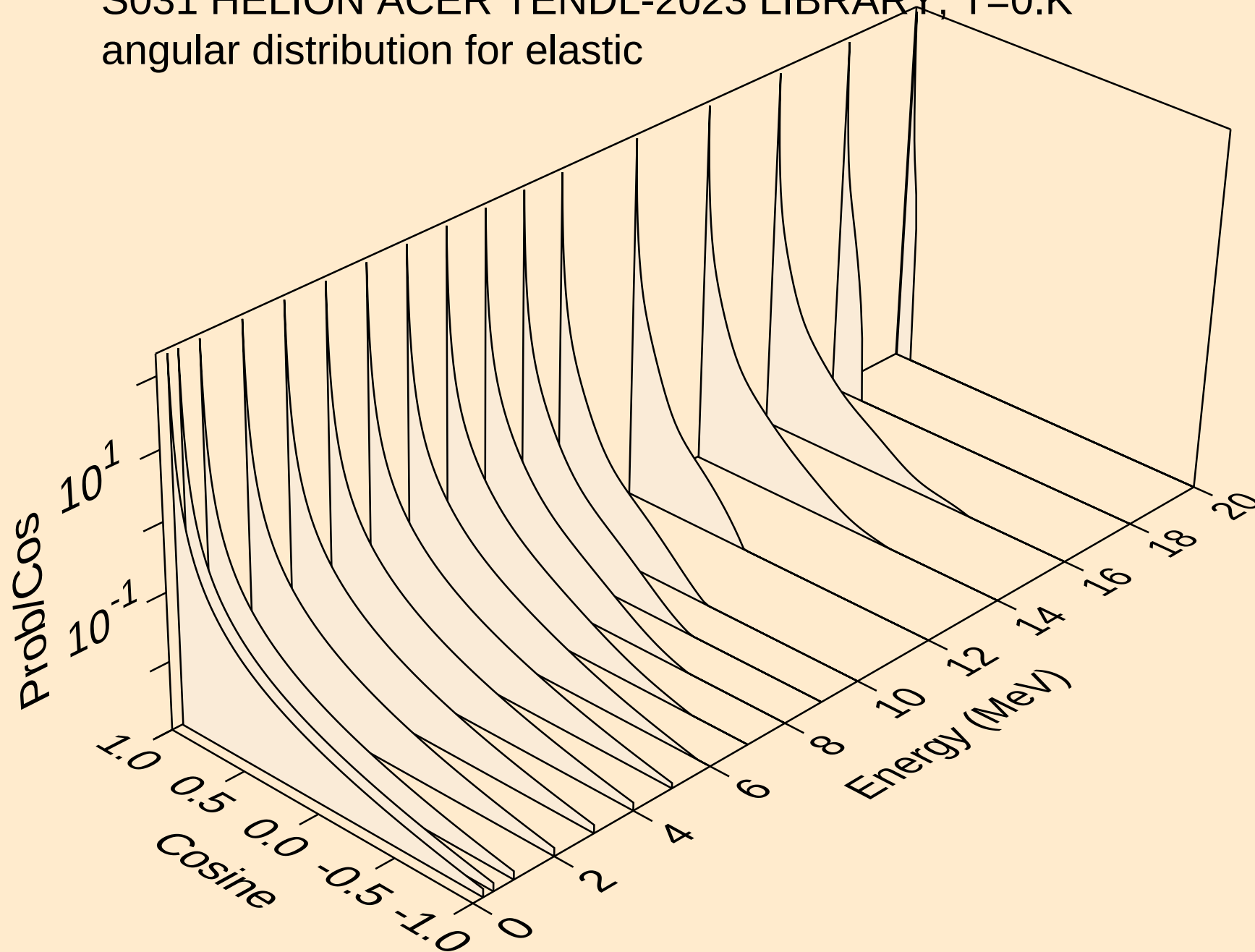


S031 HELION ACER TENDL-2023 LIBRARY; T=0.K

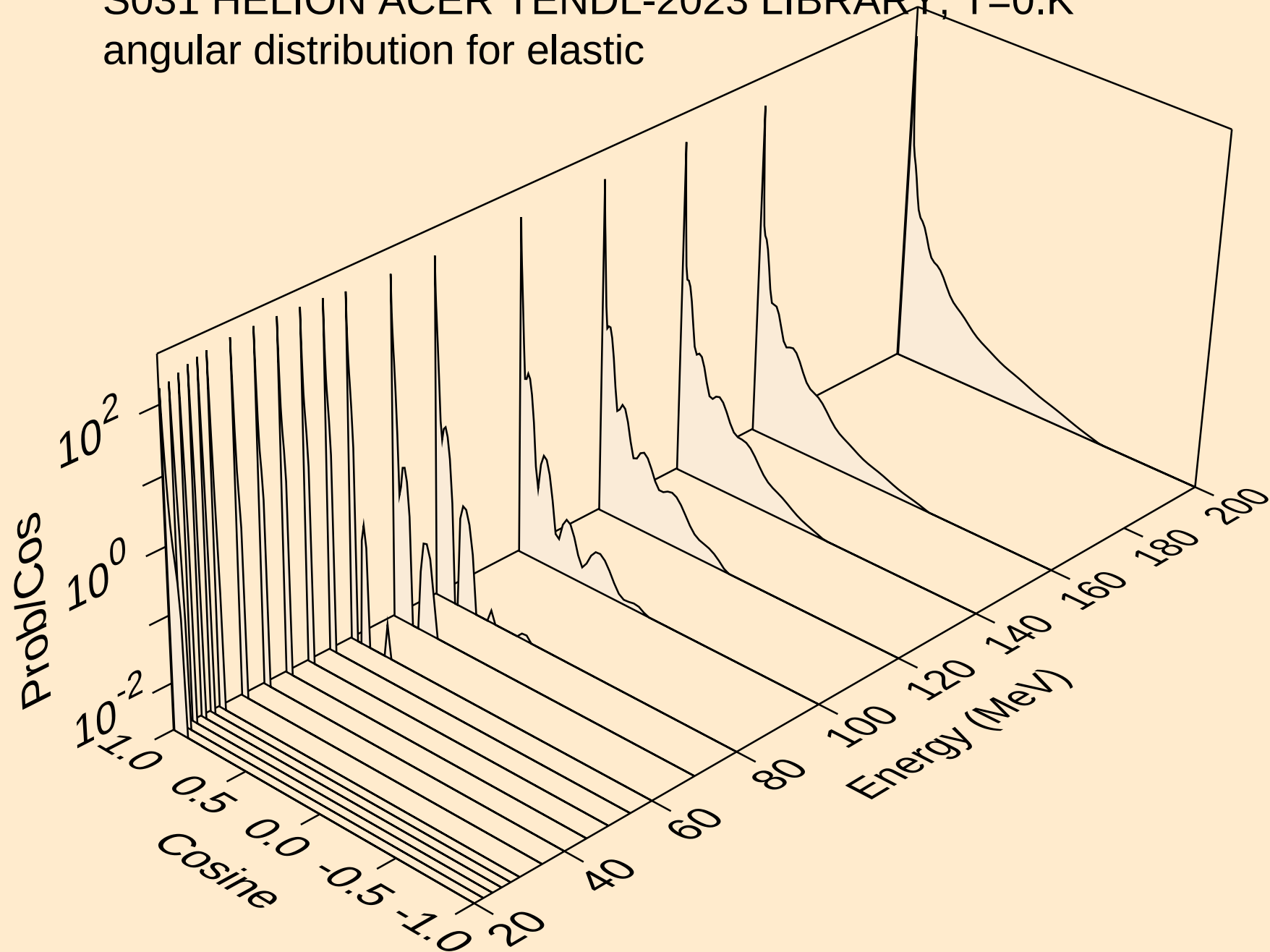
Threshold reactions



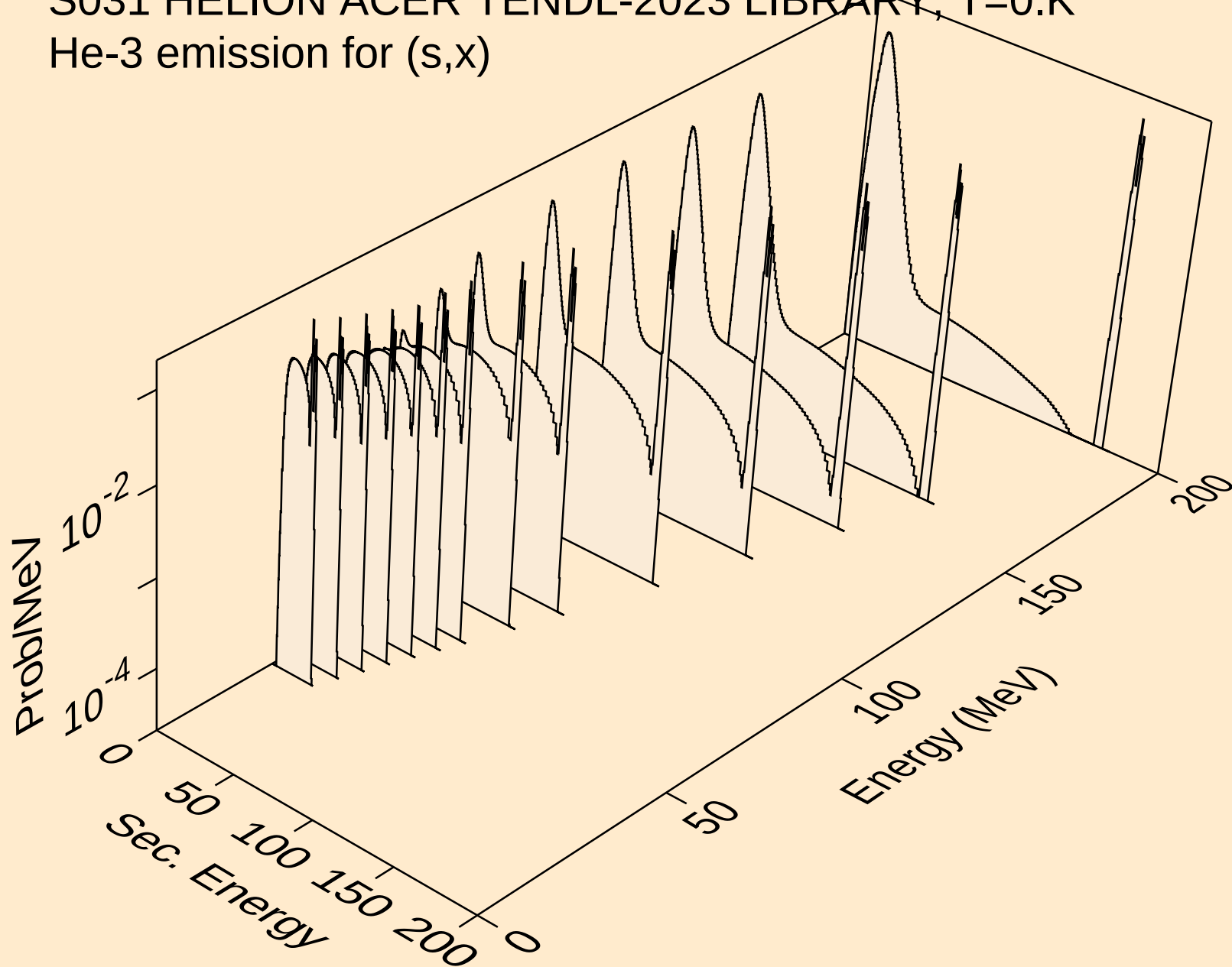
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



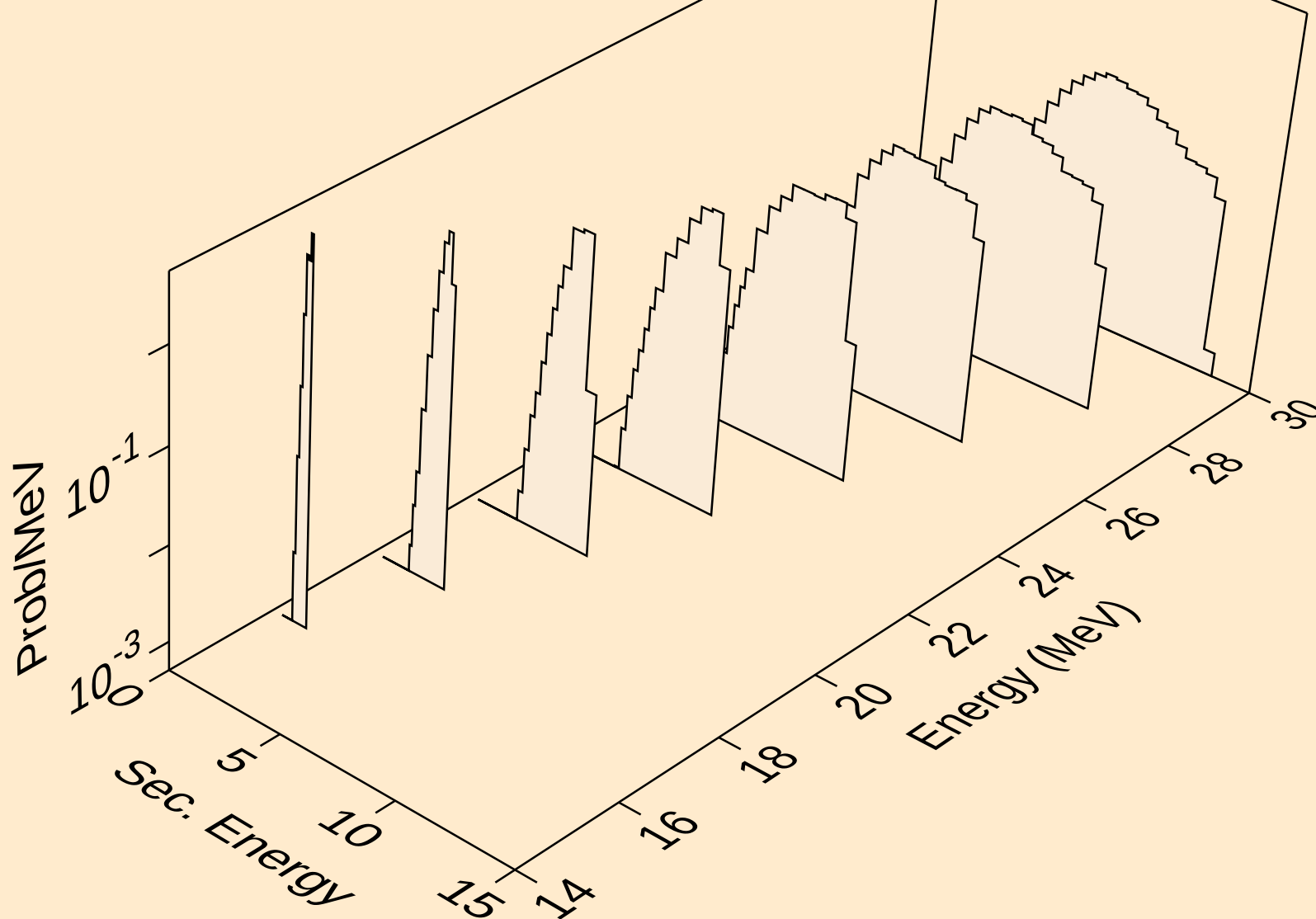
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



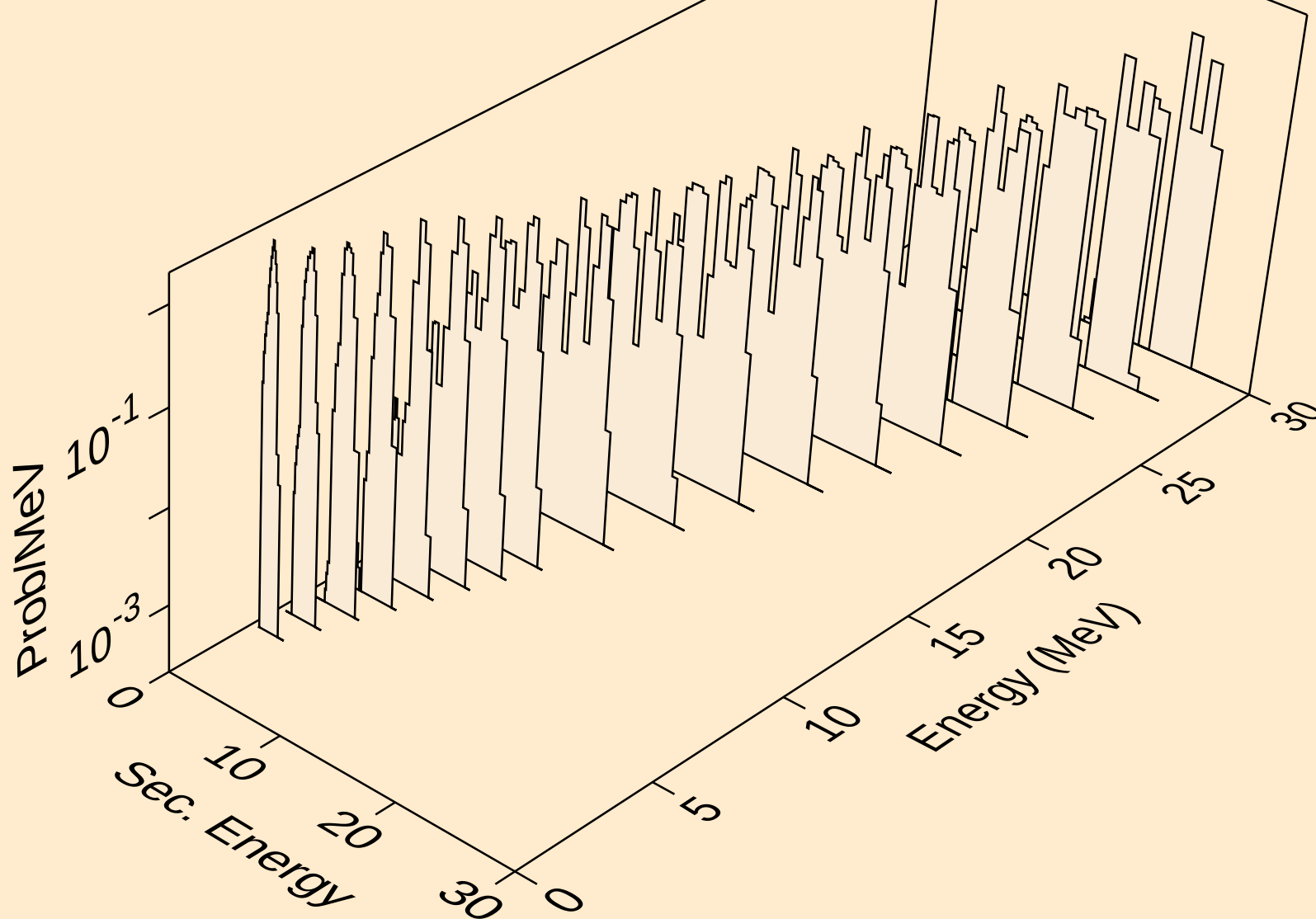
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,x)



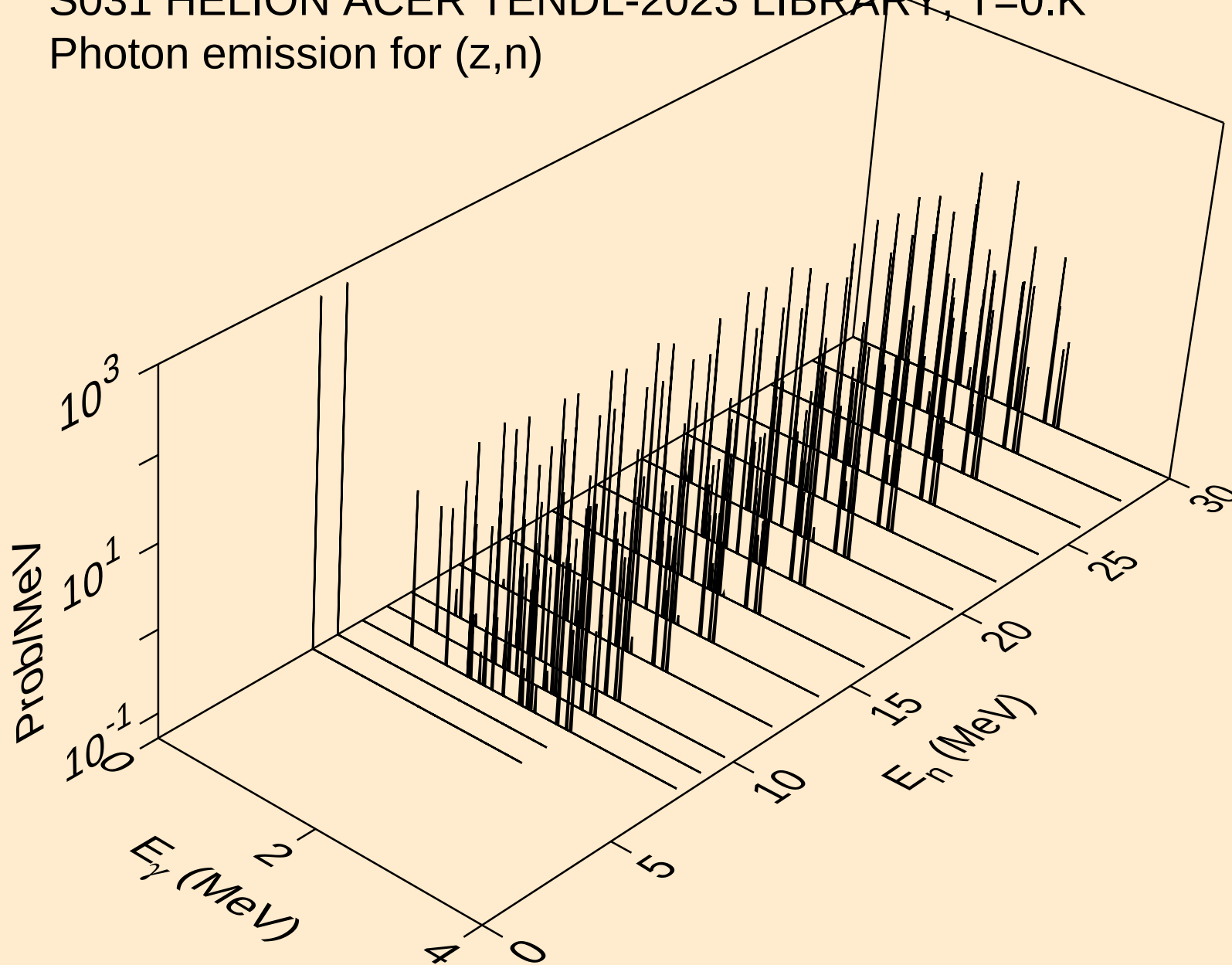
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for inelastic

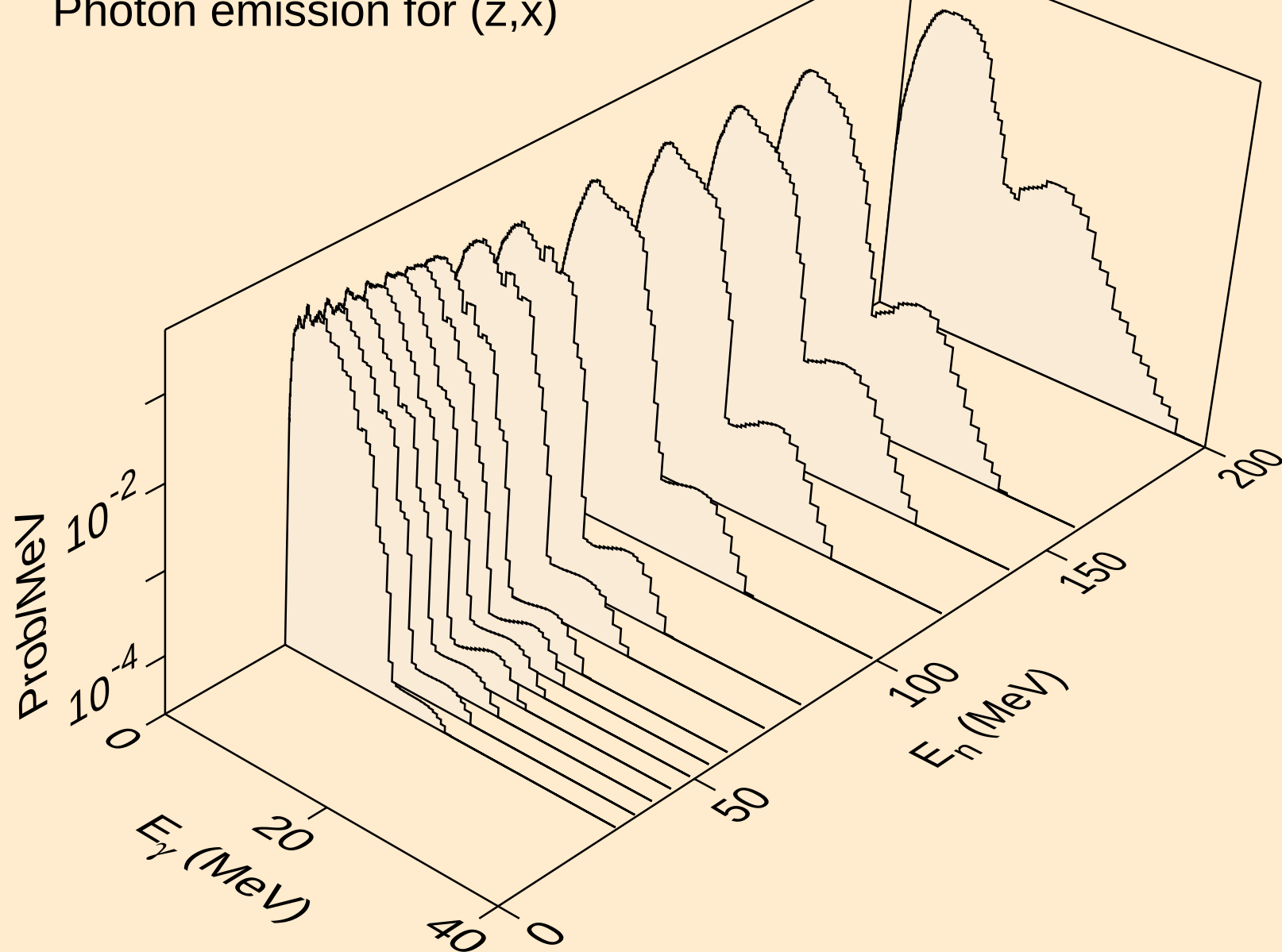


S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)

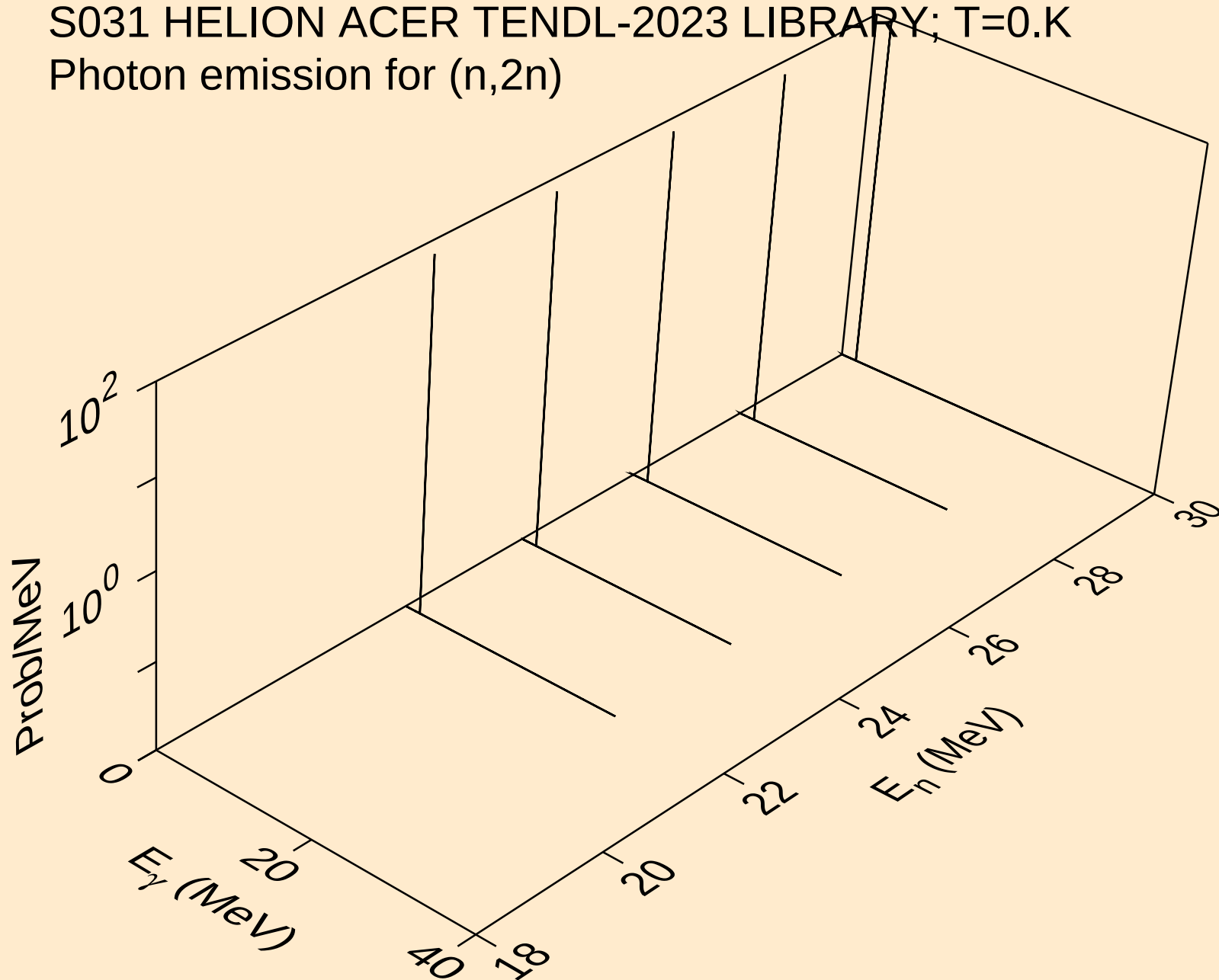


S031 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (z,x)

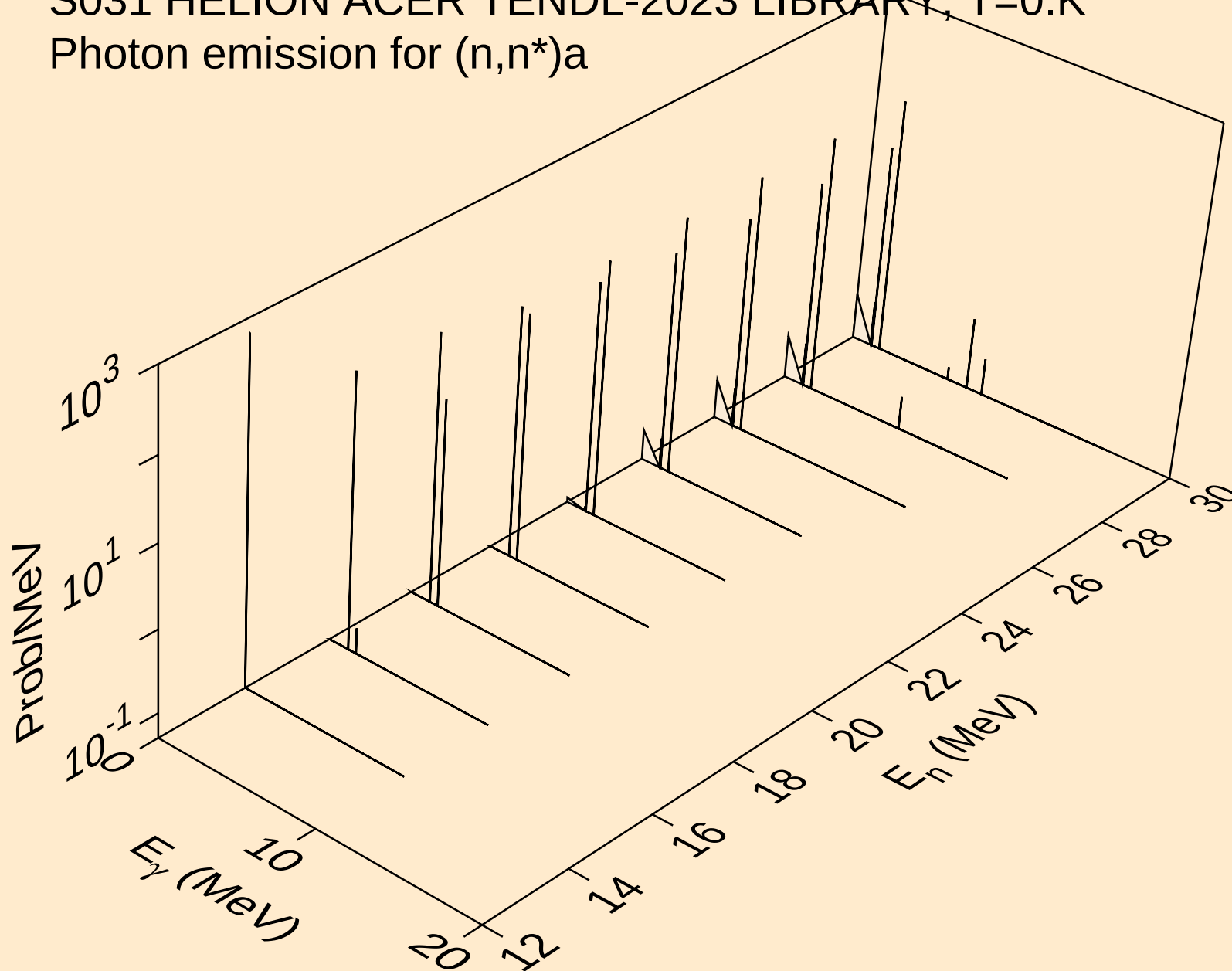


S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

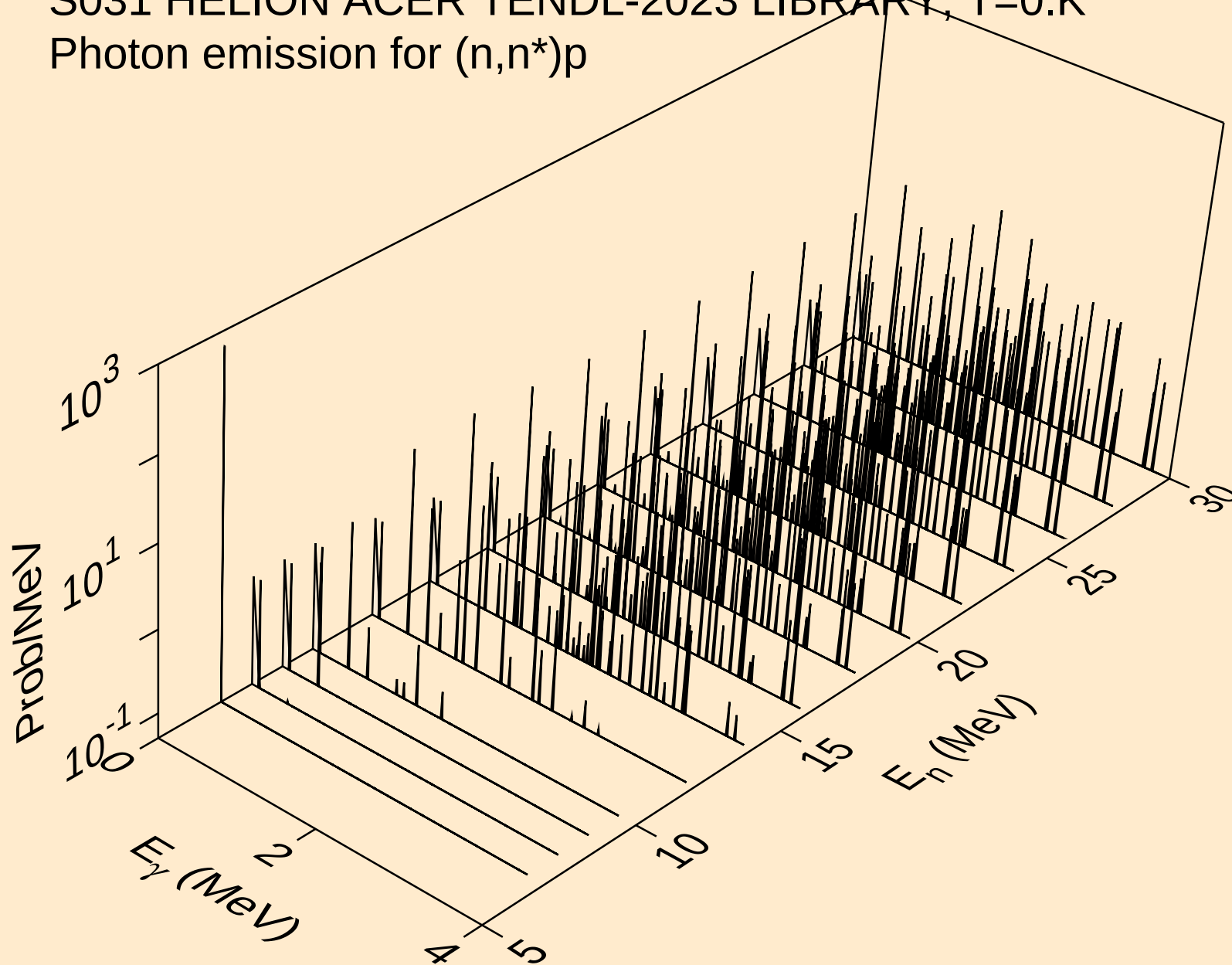


S031 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a

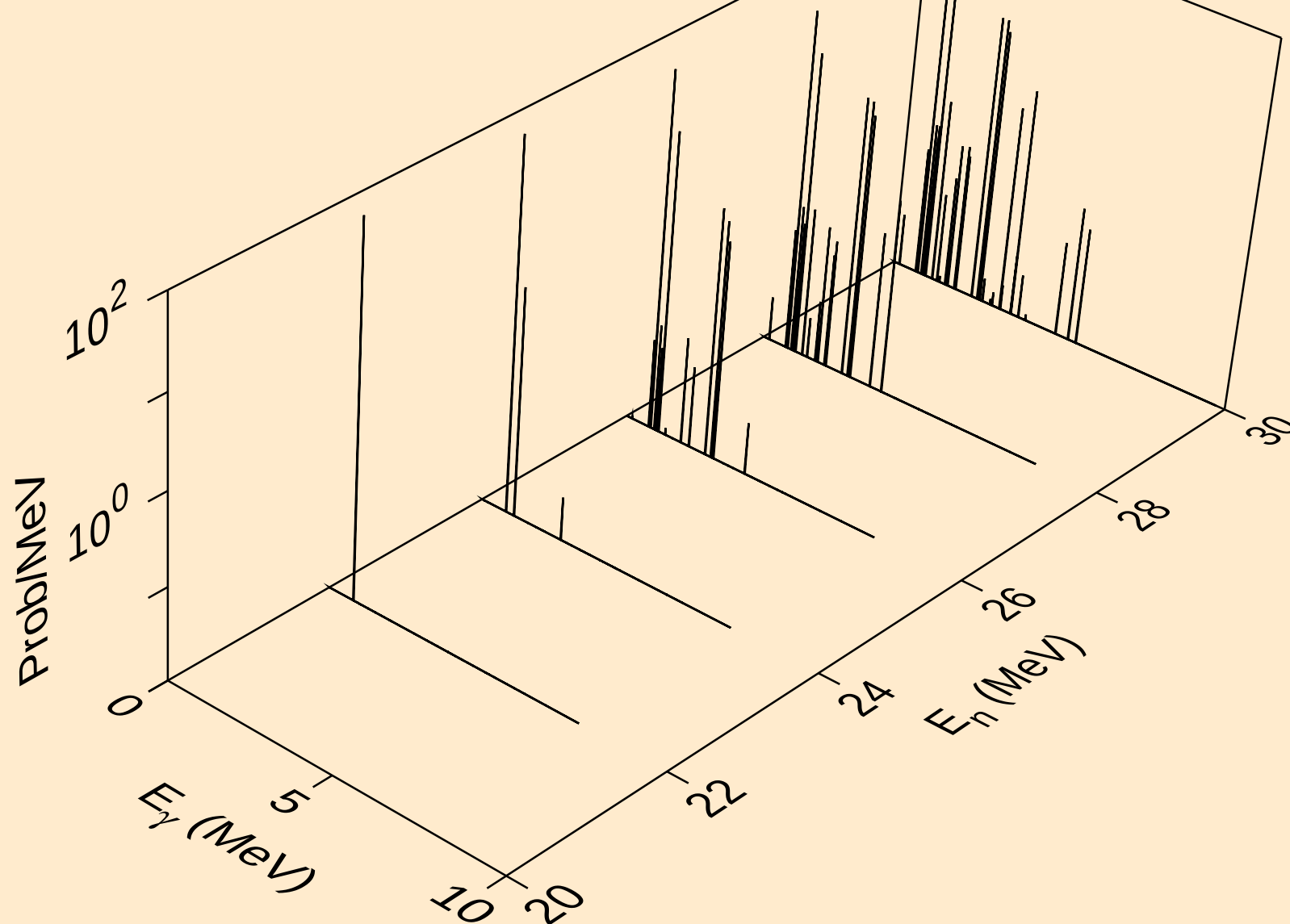


S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p

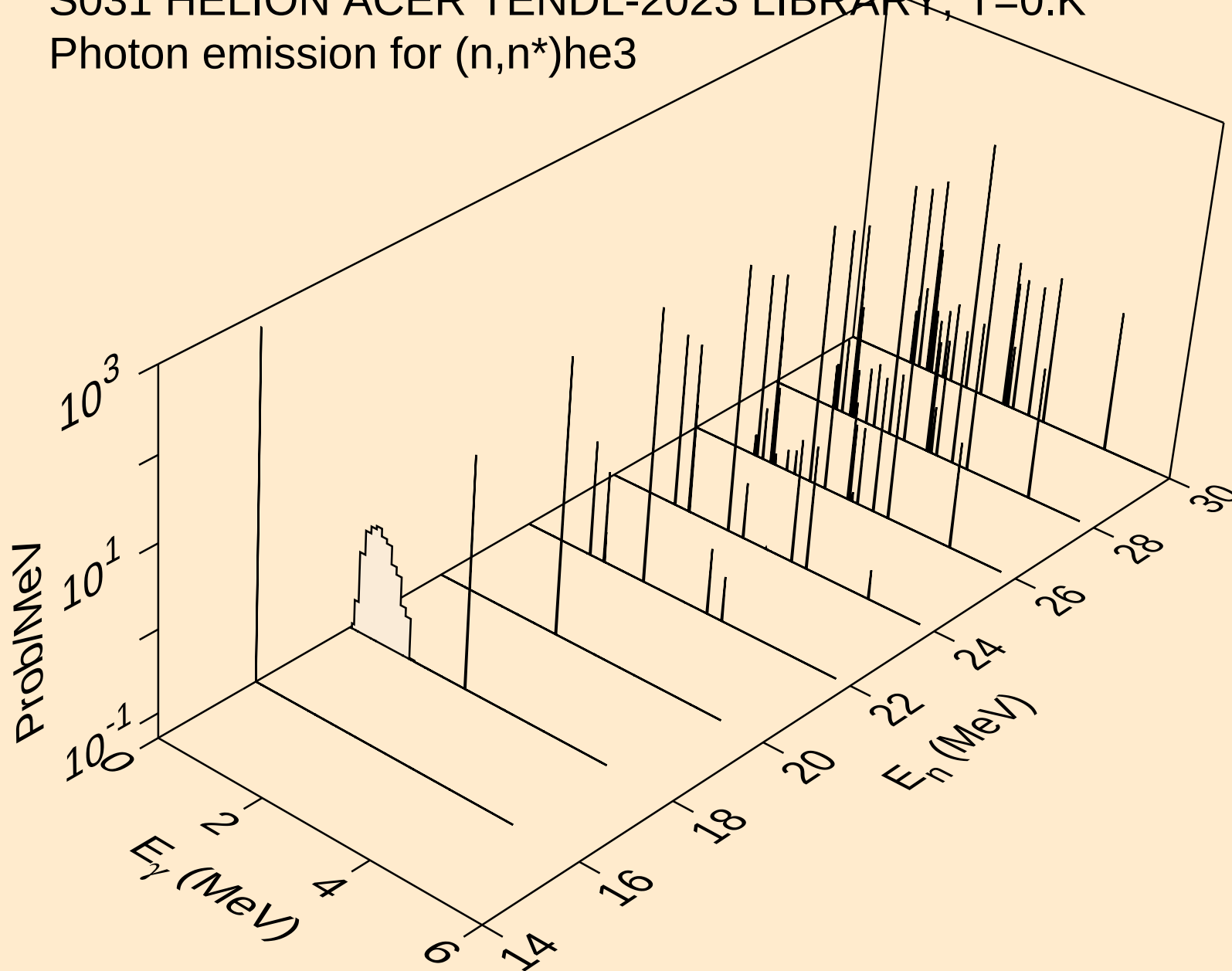


S031 HELION ACER TENDL-2023 LIBRARY; T=0.K

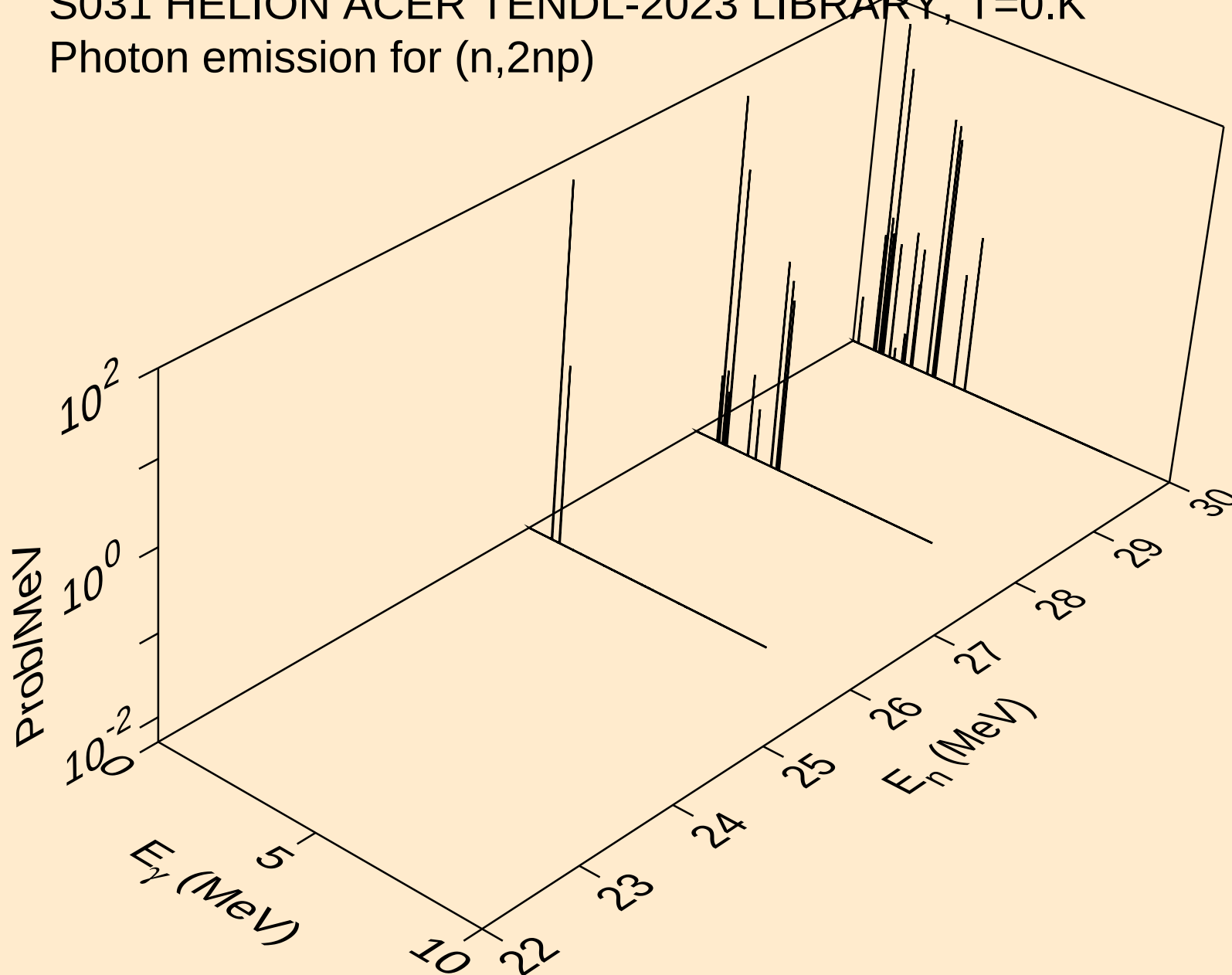
Photon emission for (n,n*)d



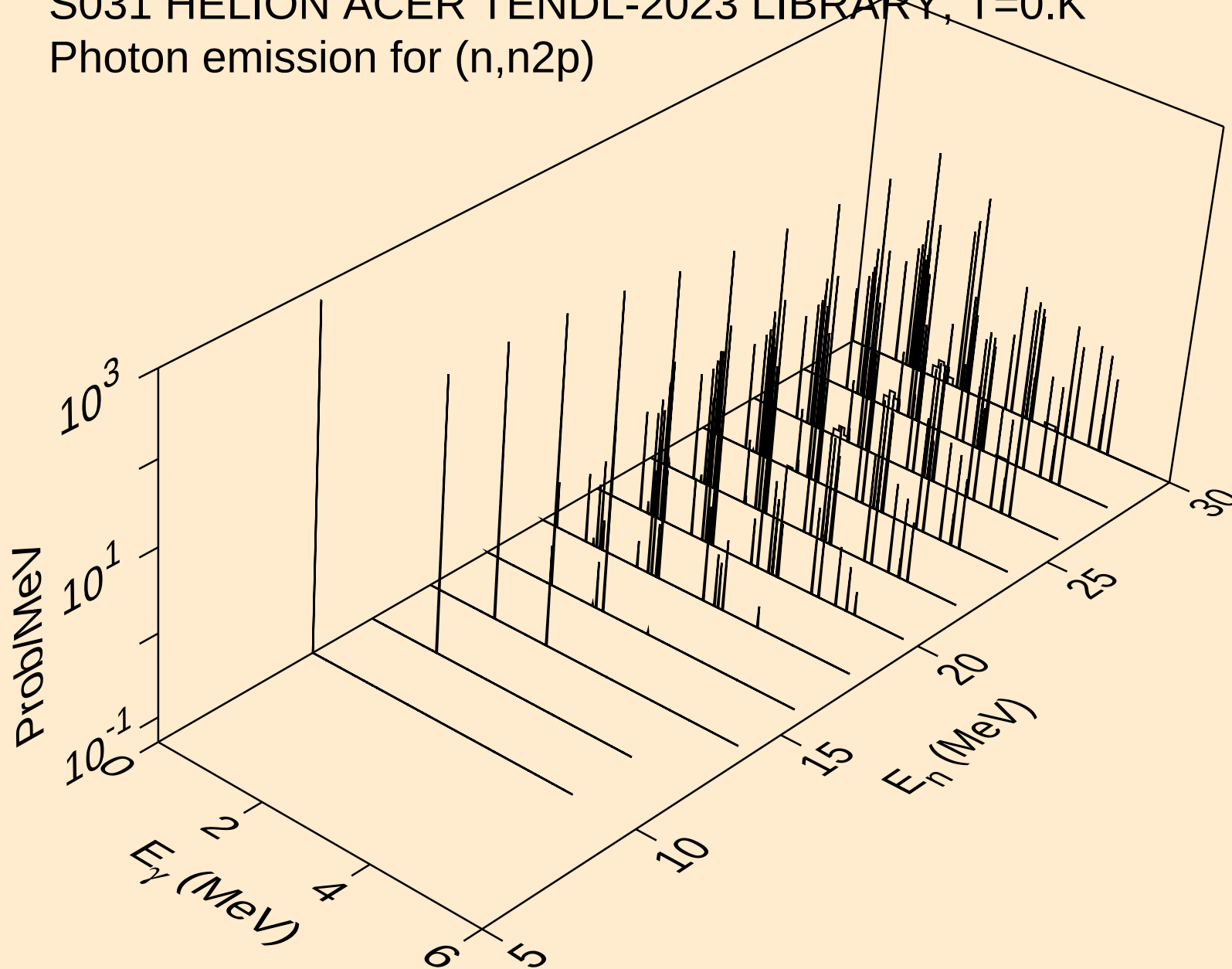
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



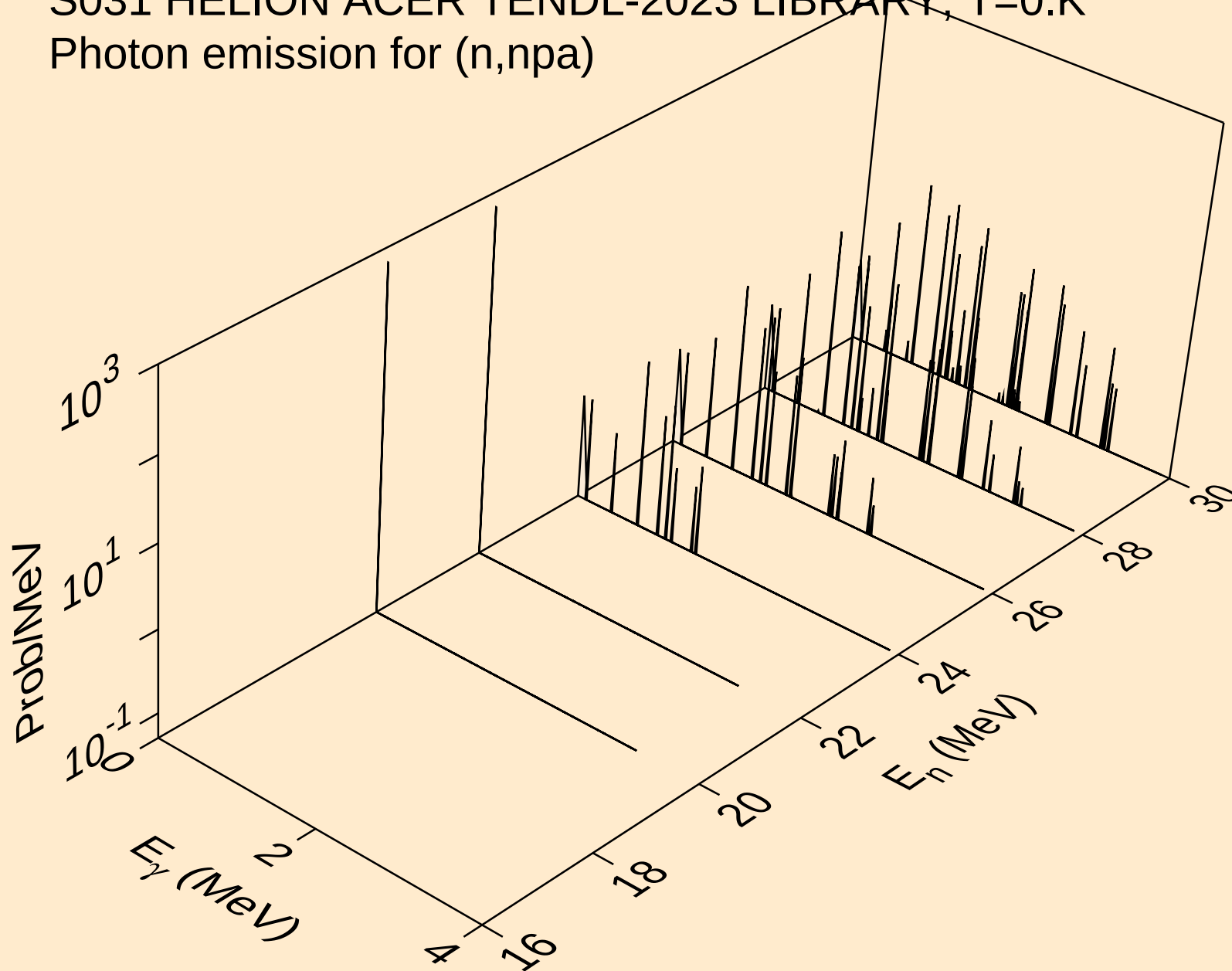
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



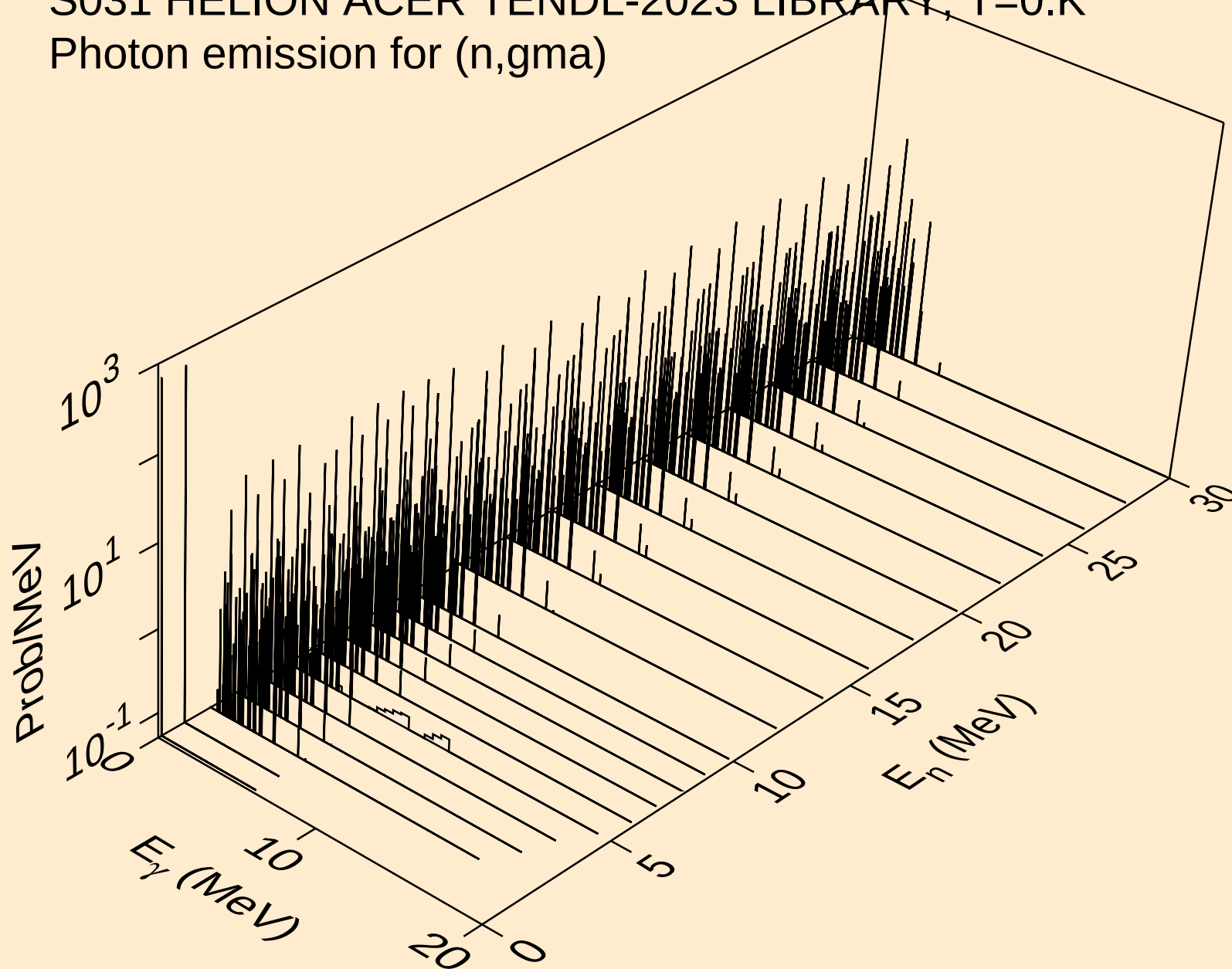
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



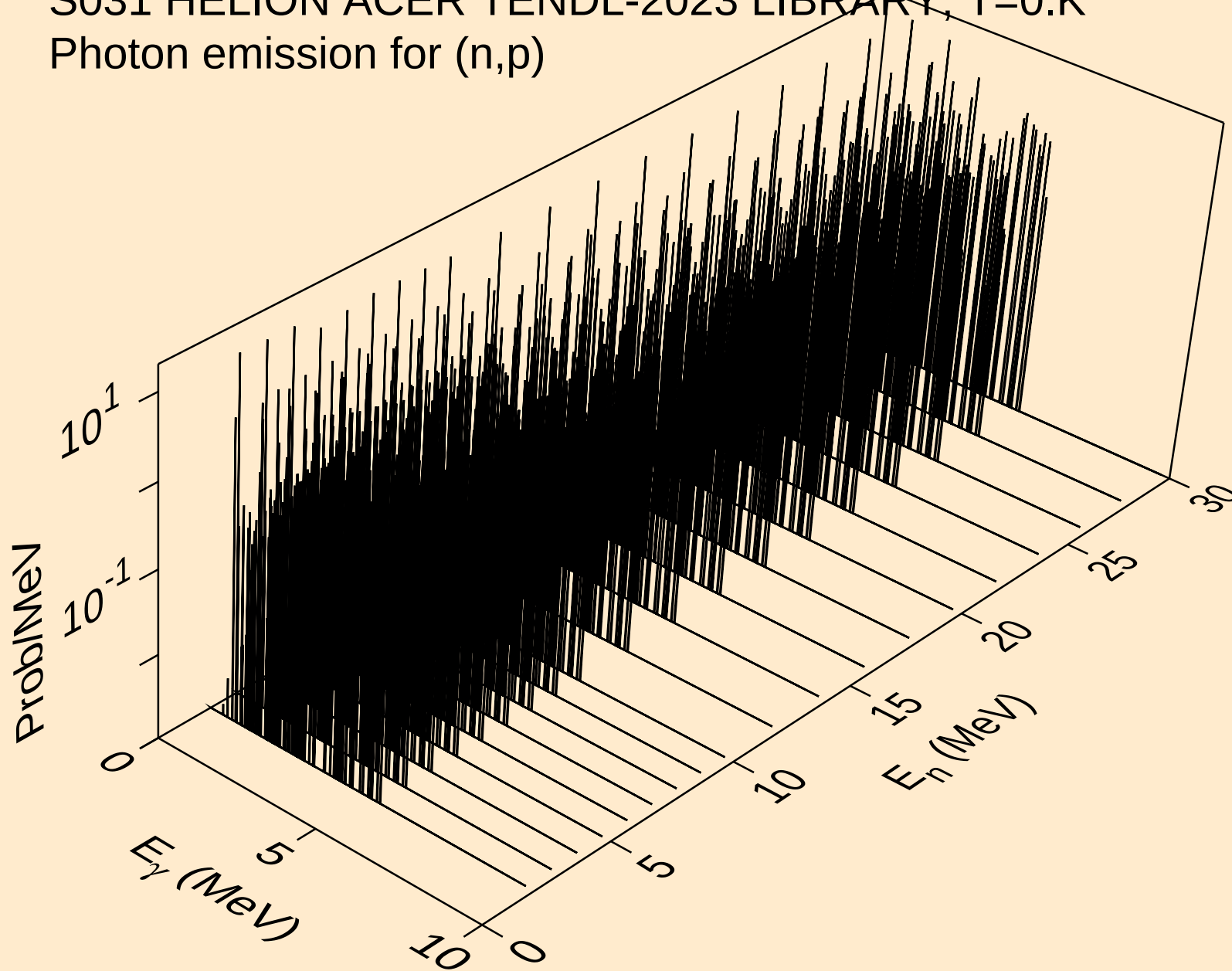
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



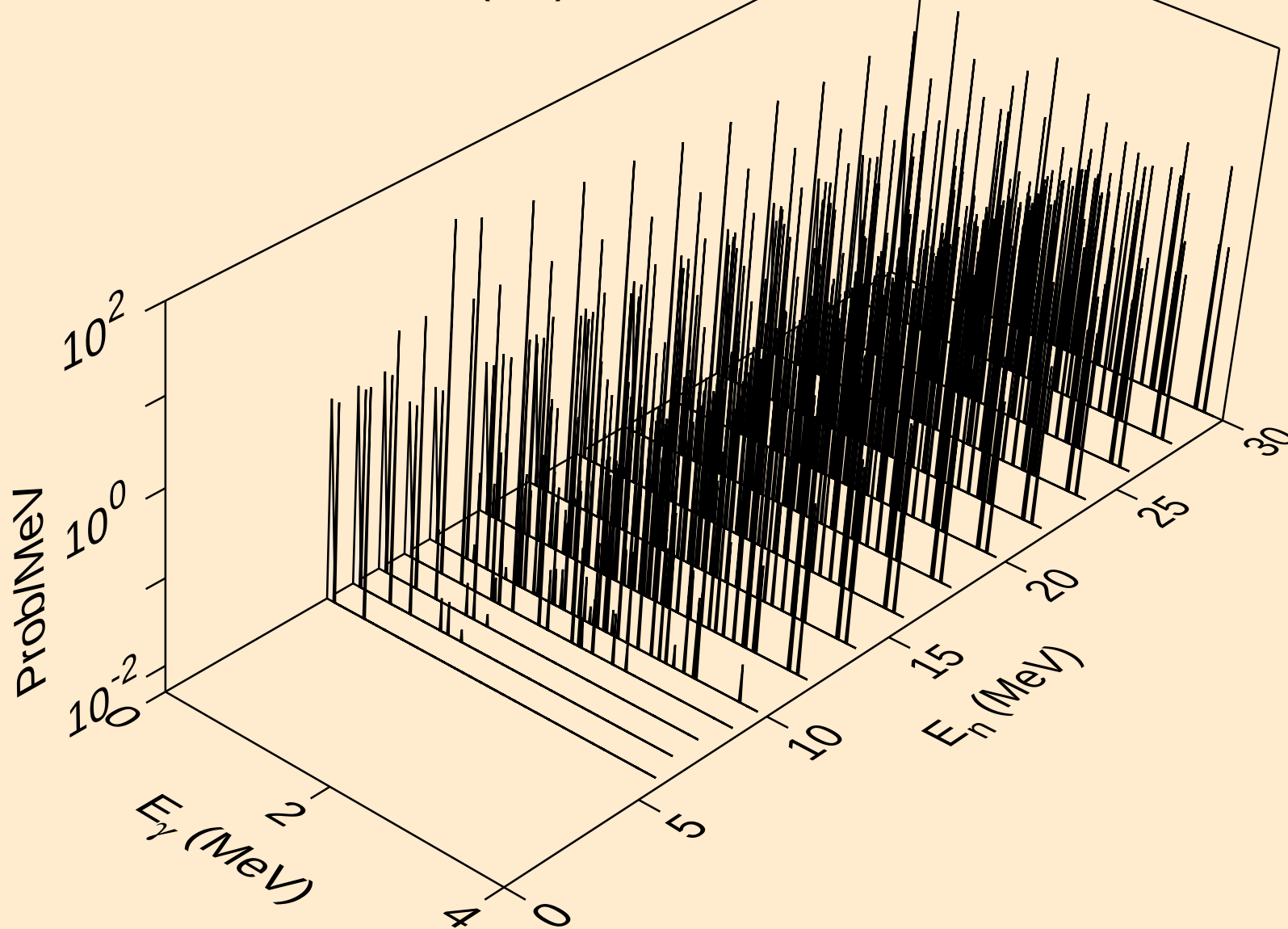
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)

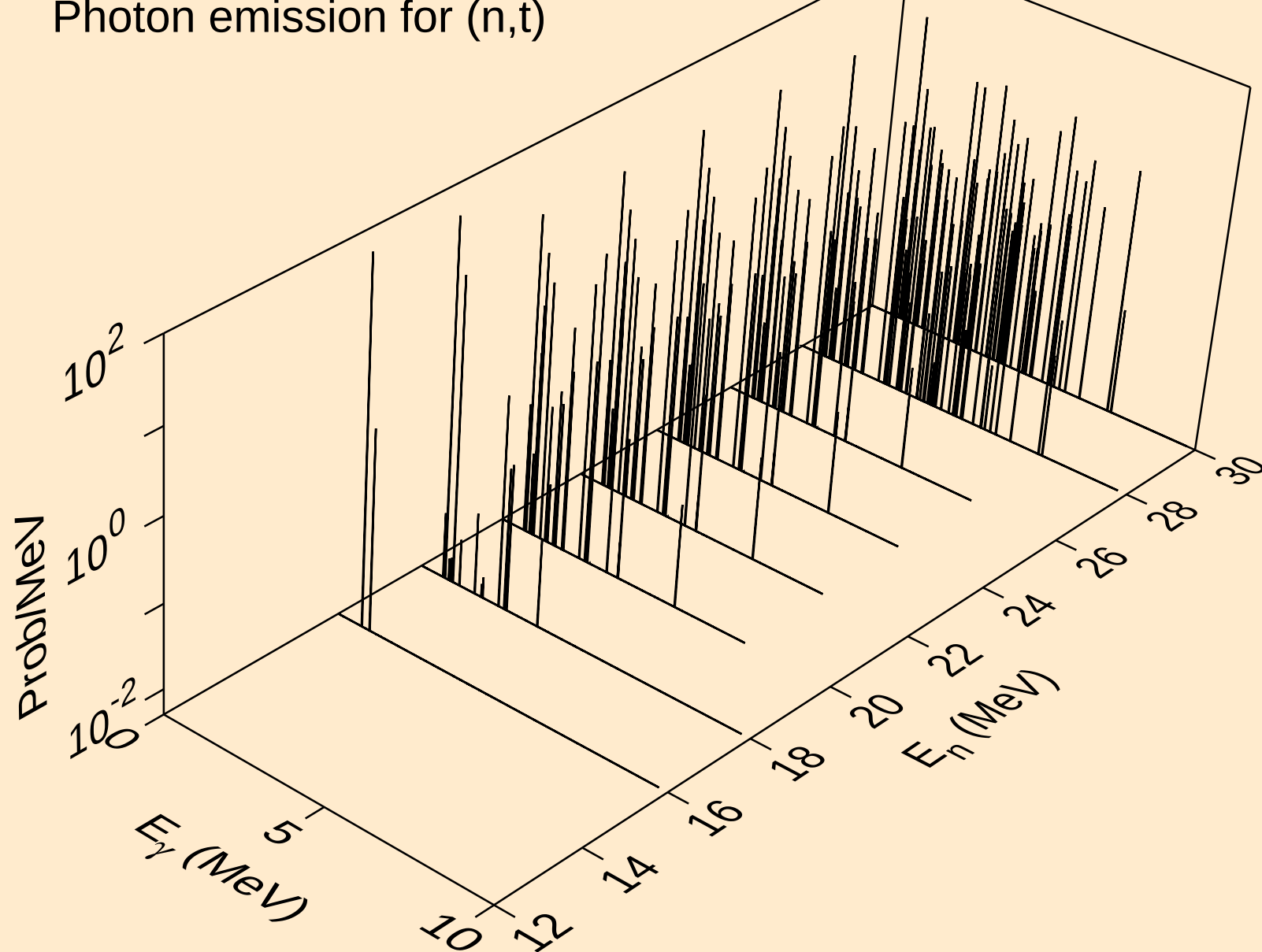


S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)

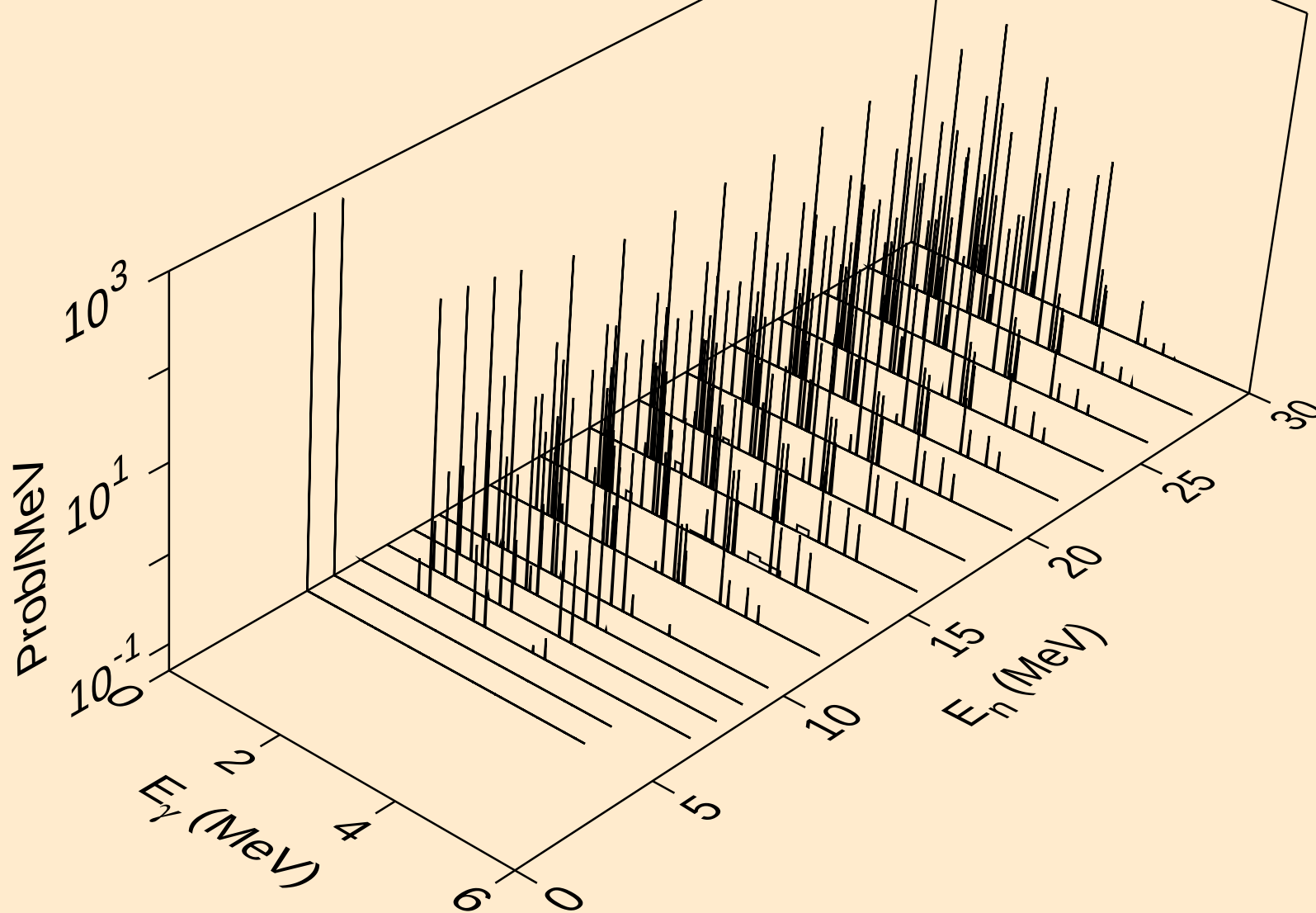


S031 HELION ACER TENDL-2023 LIBRARY; T=0.K

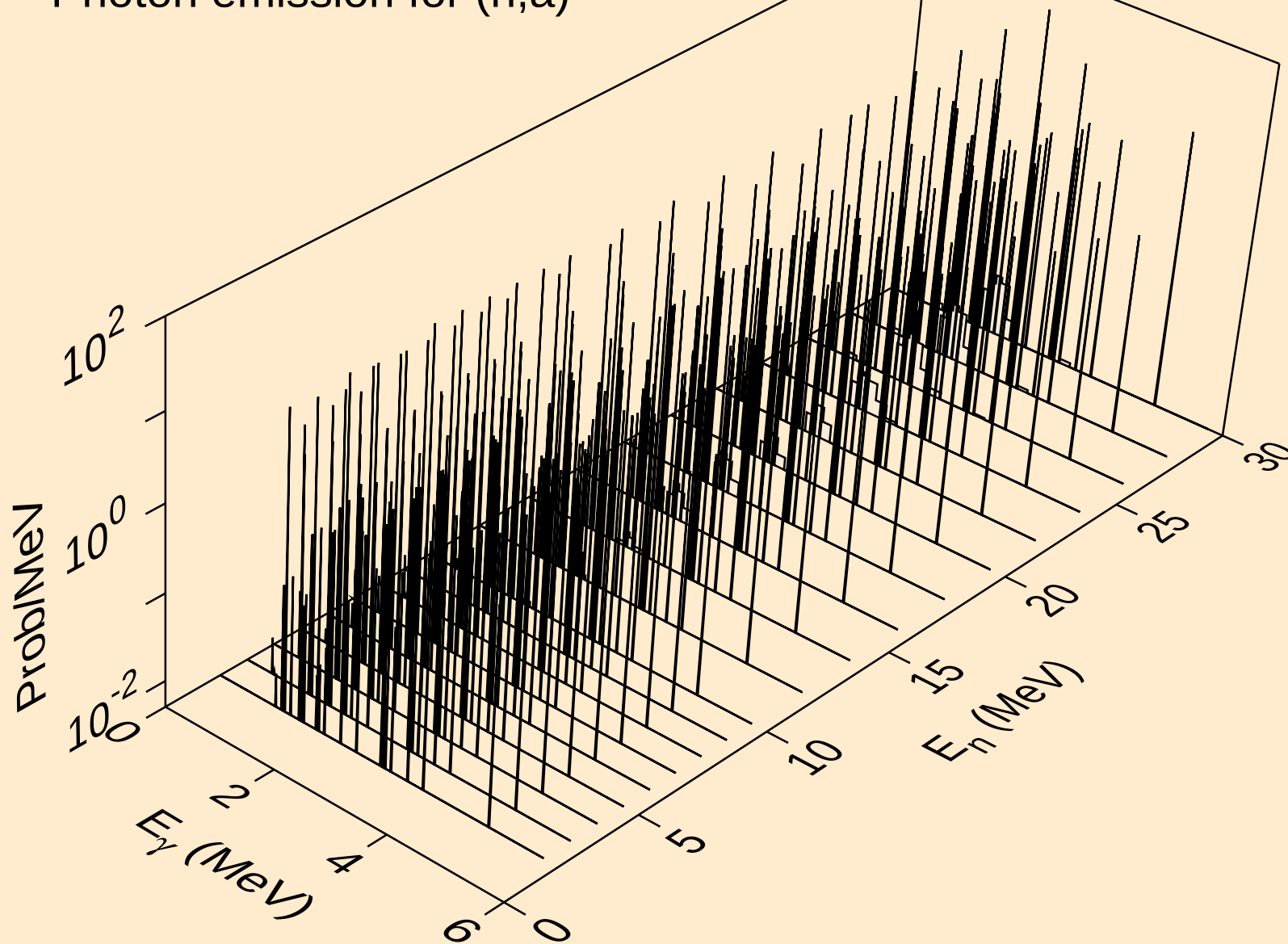
Photon emission for (n,t)



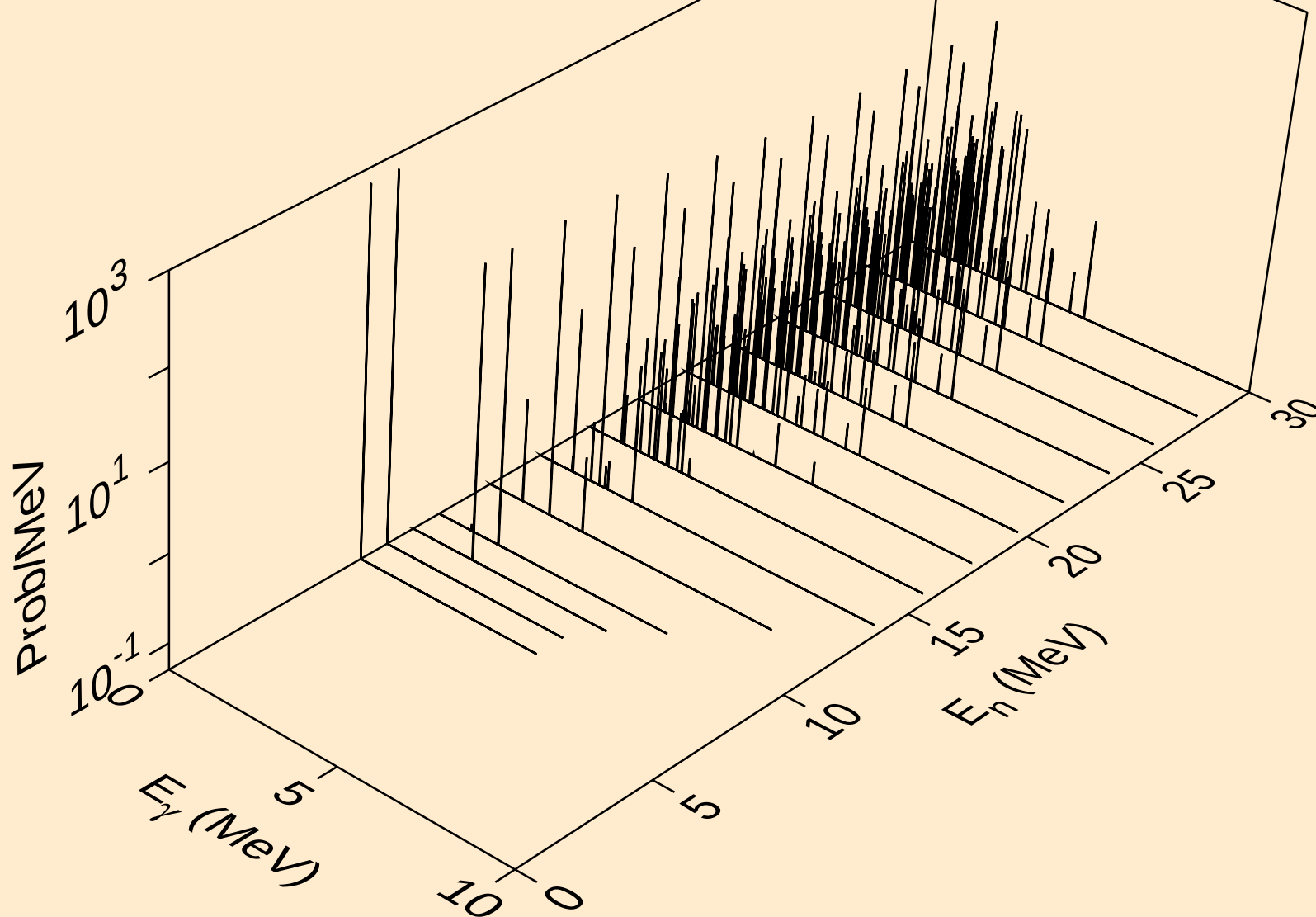
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)

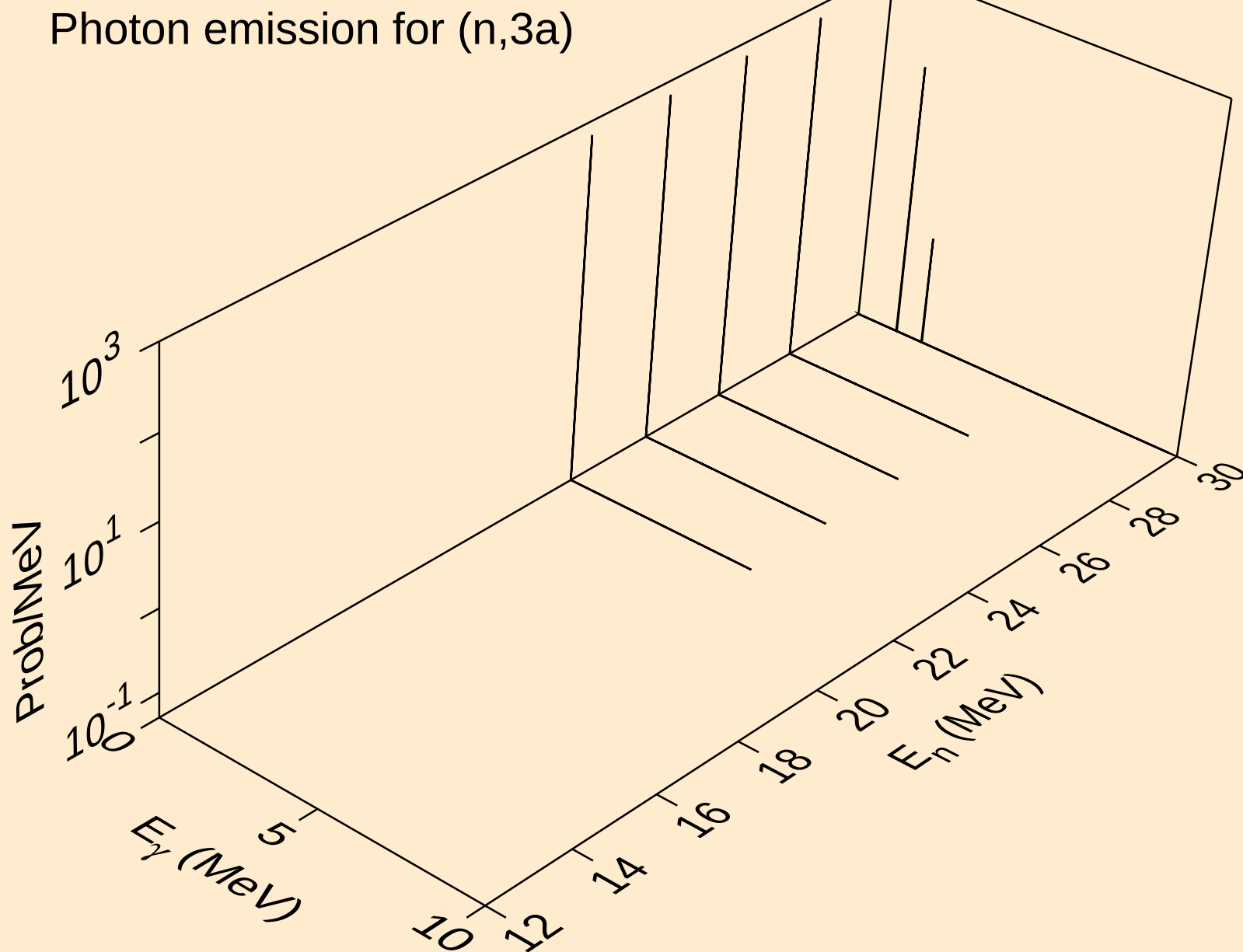


S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)

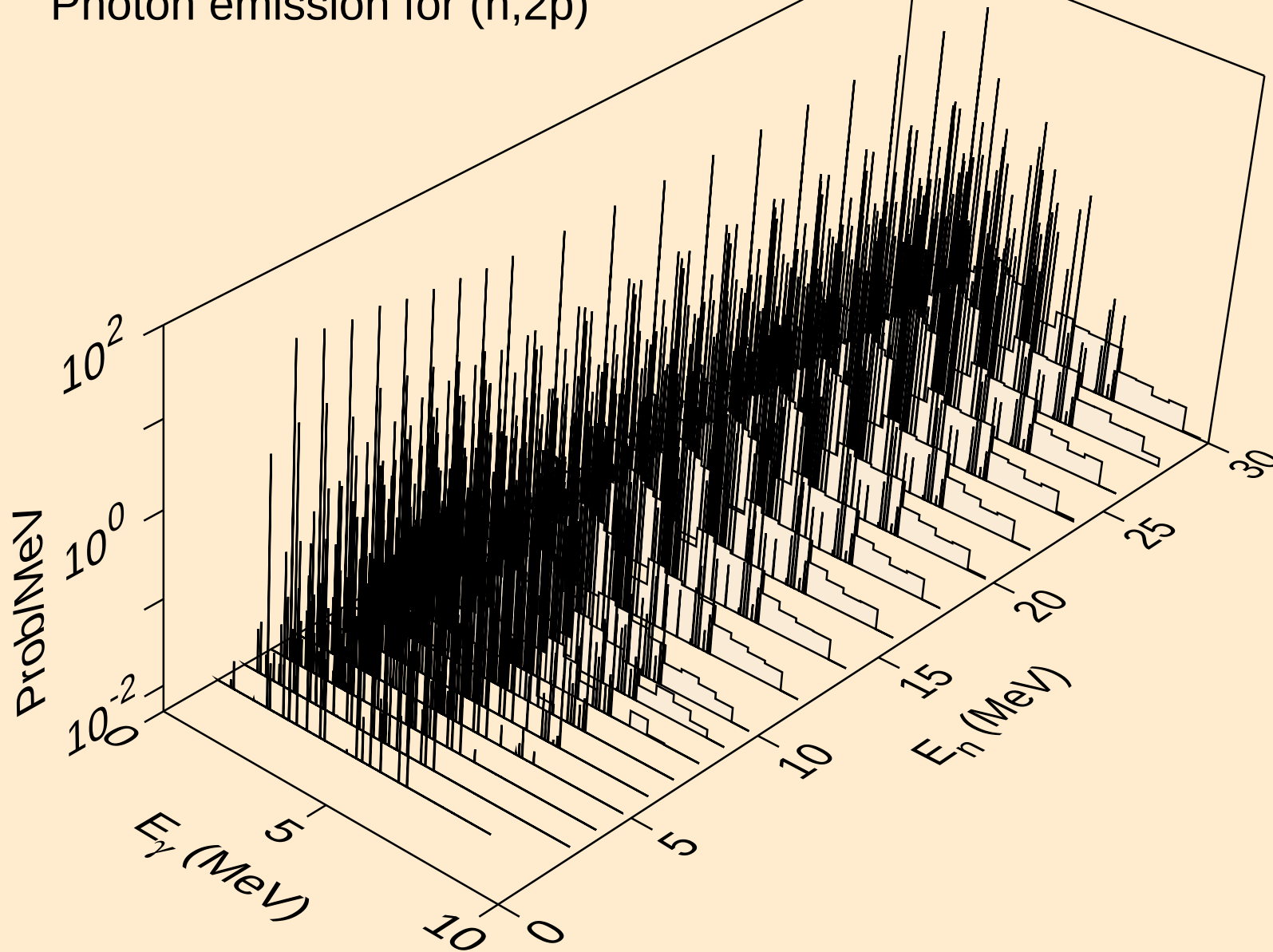


S031 HELION ACER TENDL-2023 LIBRARY; T=0.K

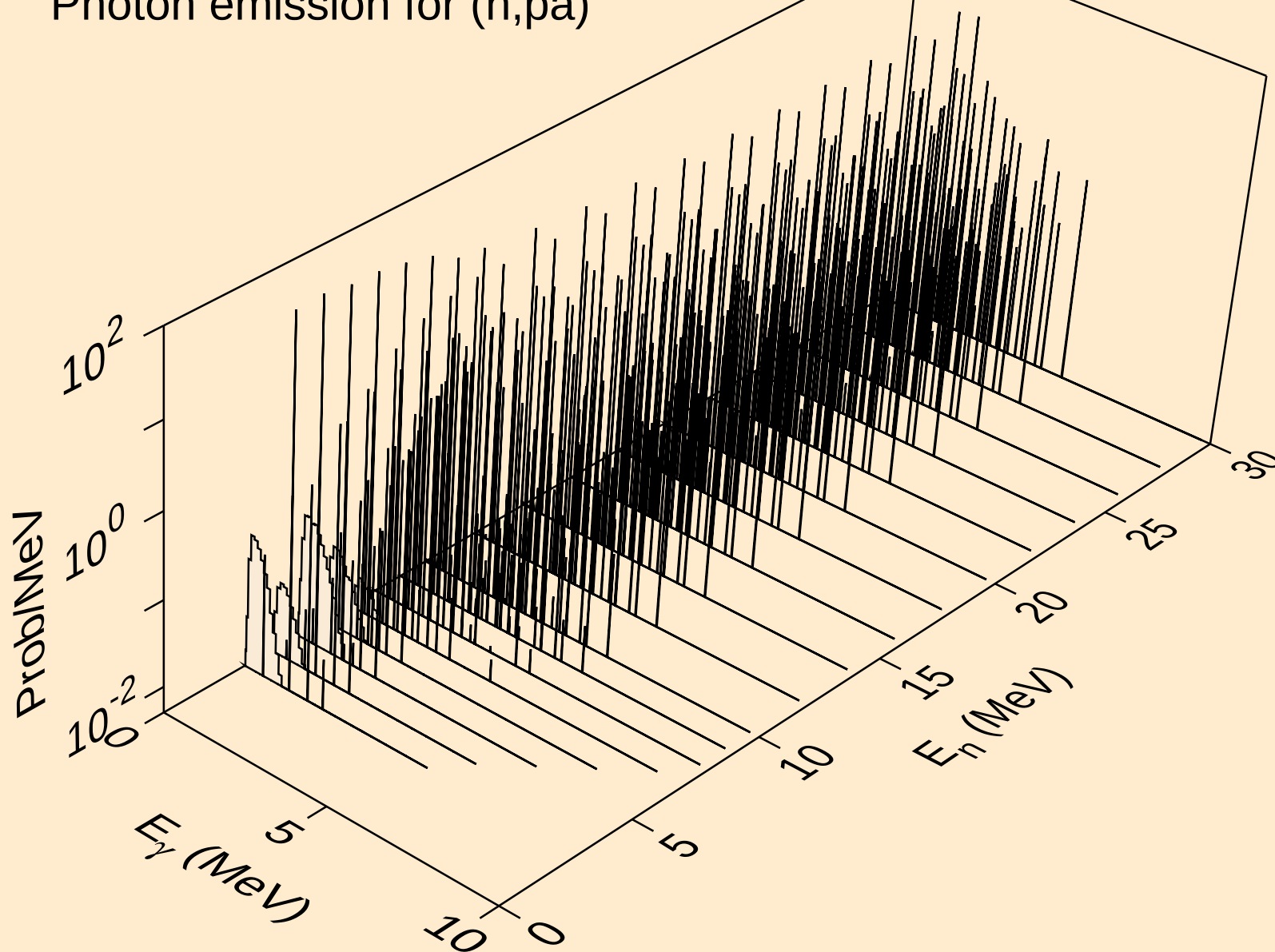
Photon emission for (n,3a)



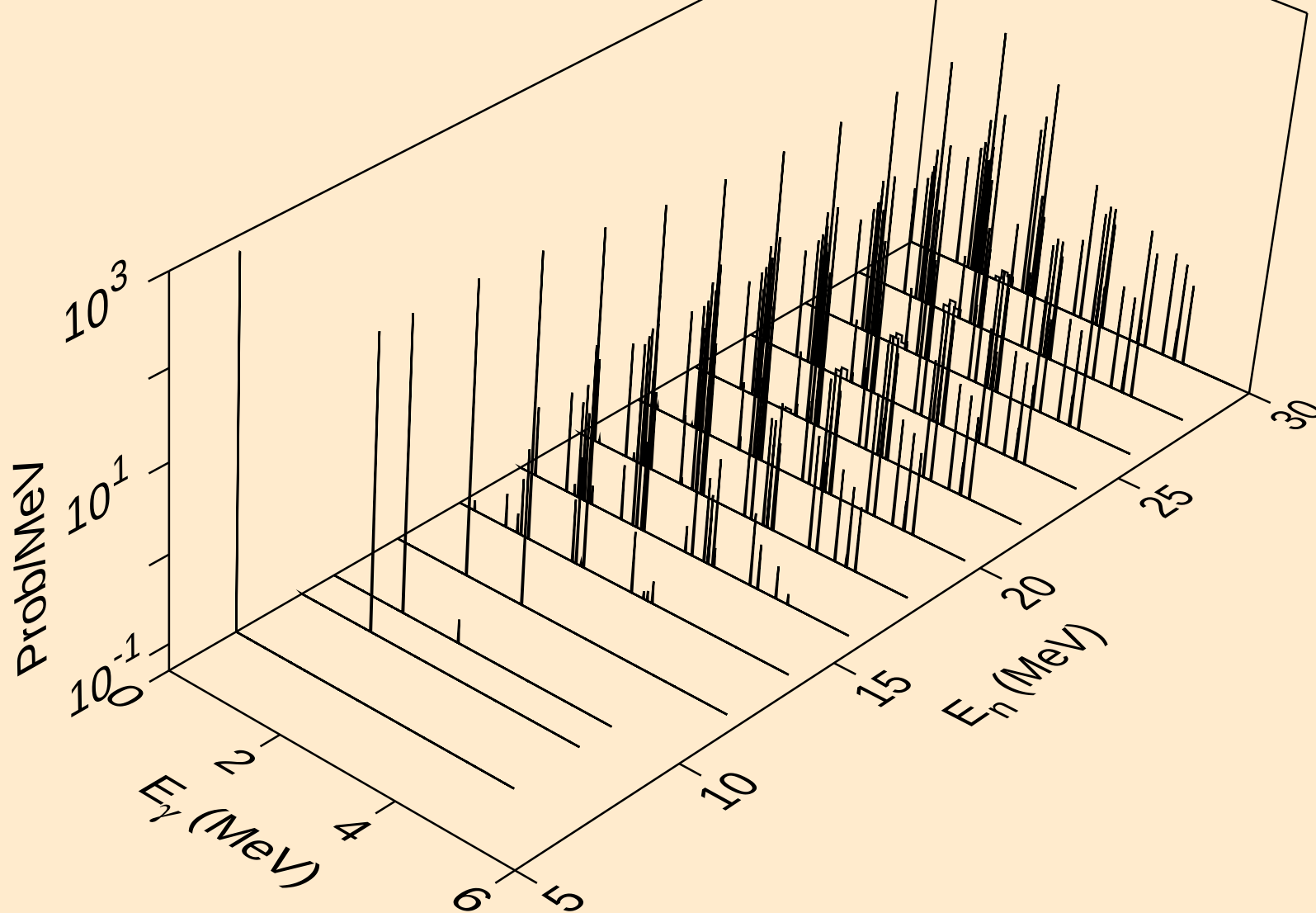
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)

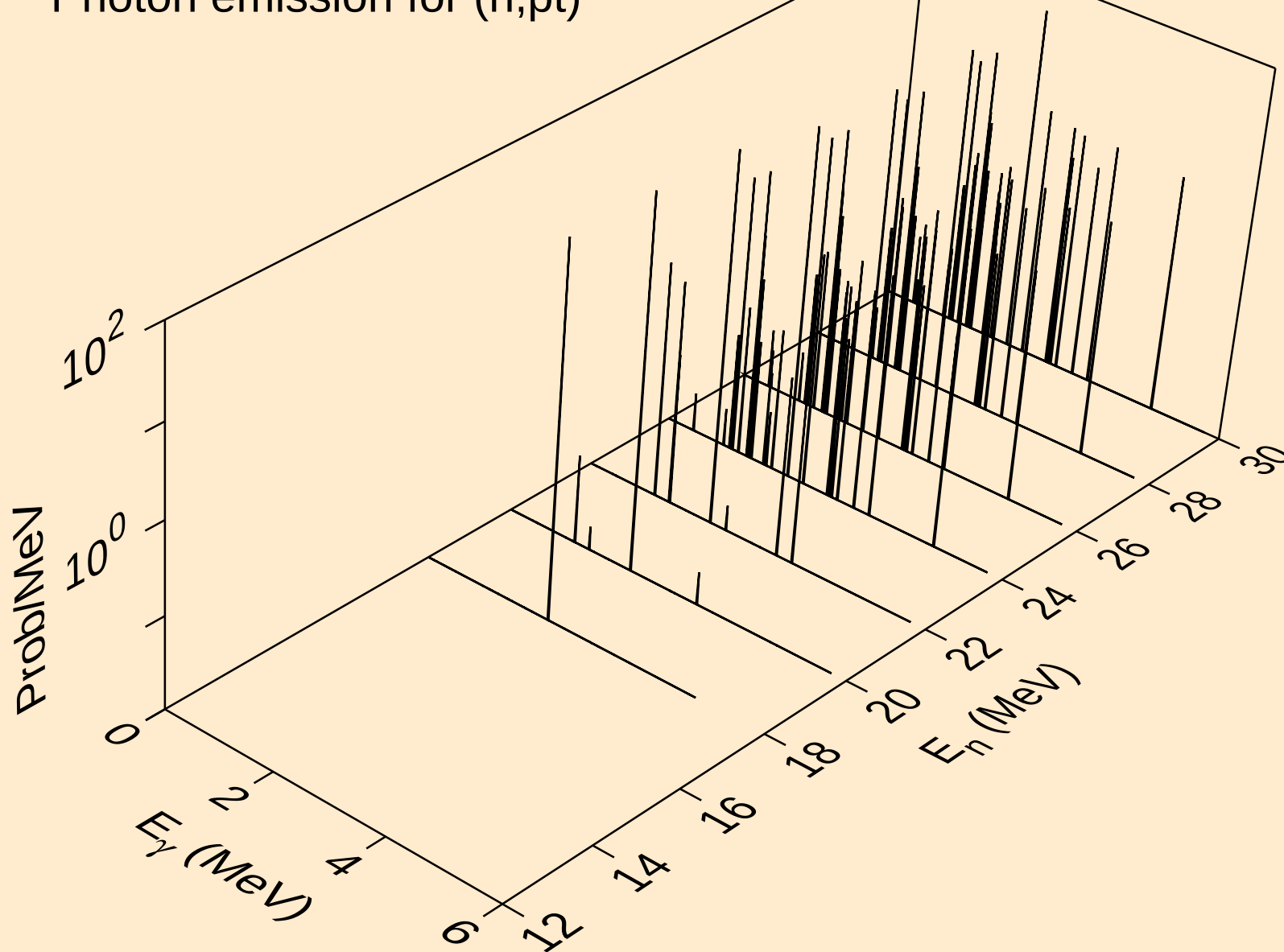


S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)

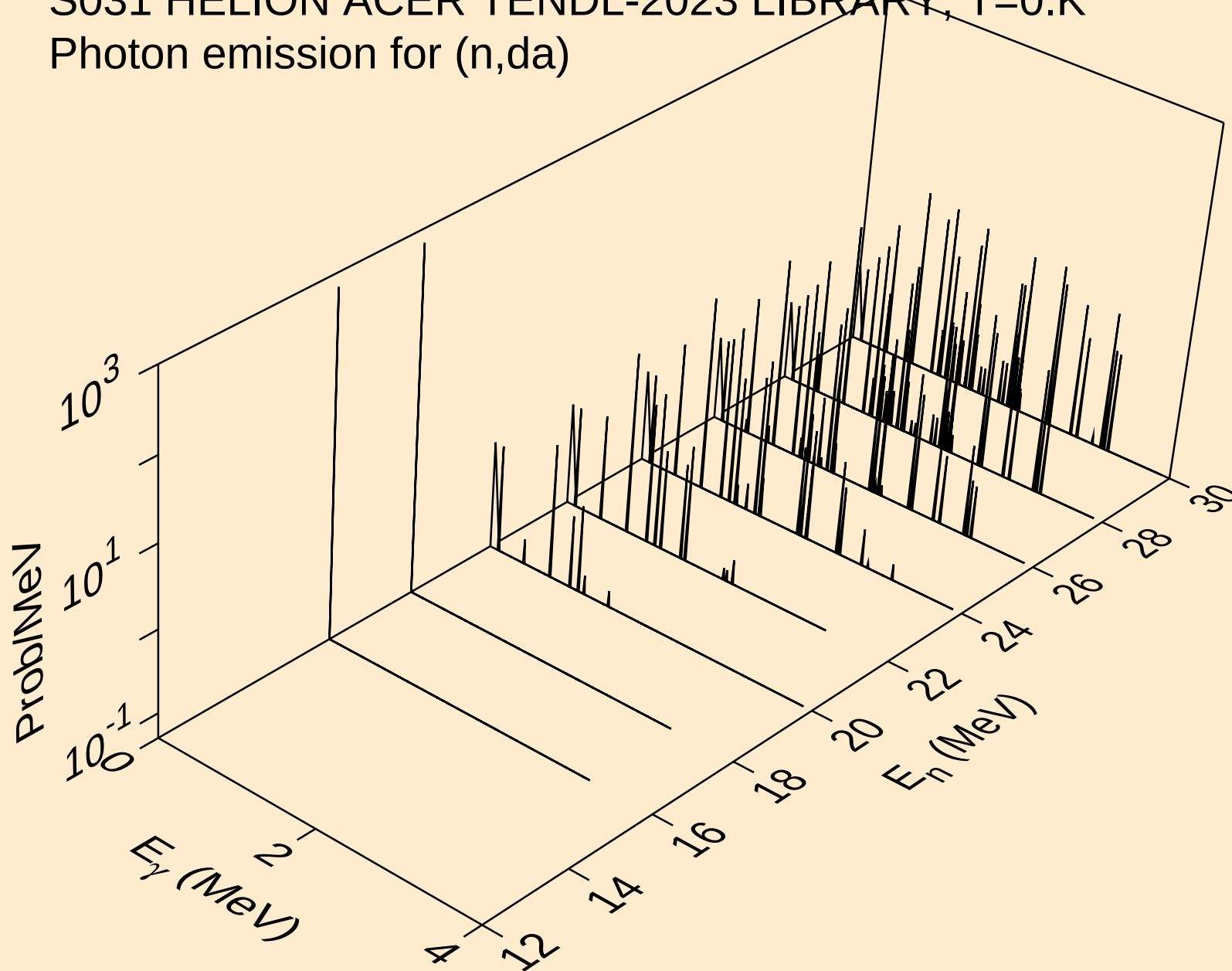


S031 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pt)

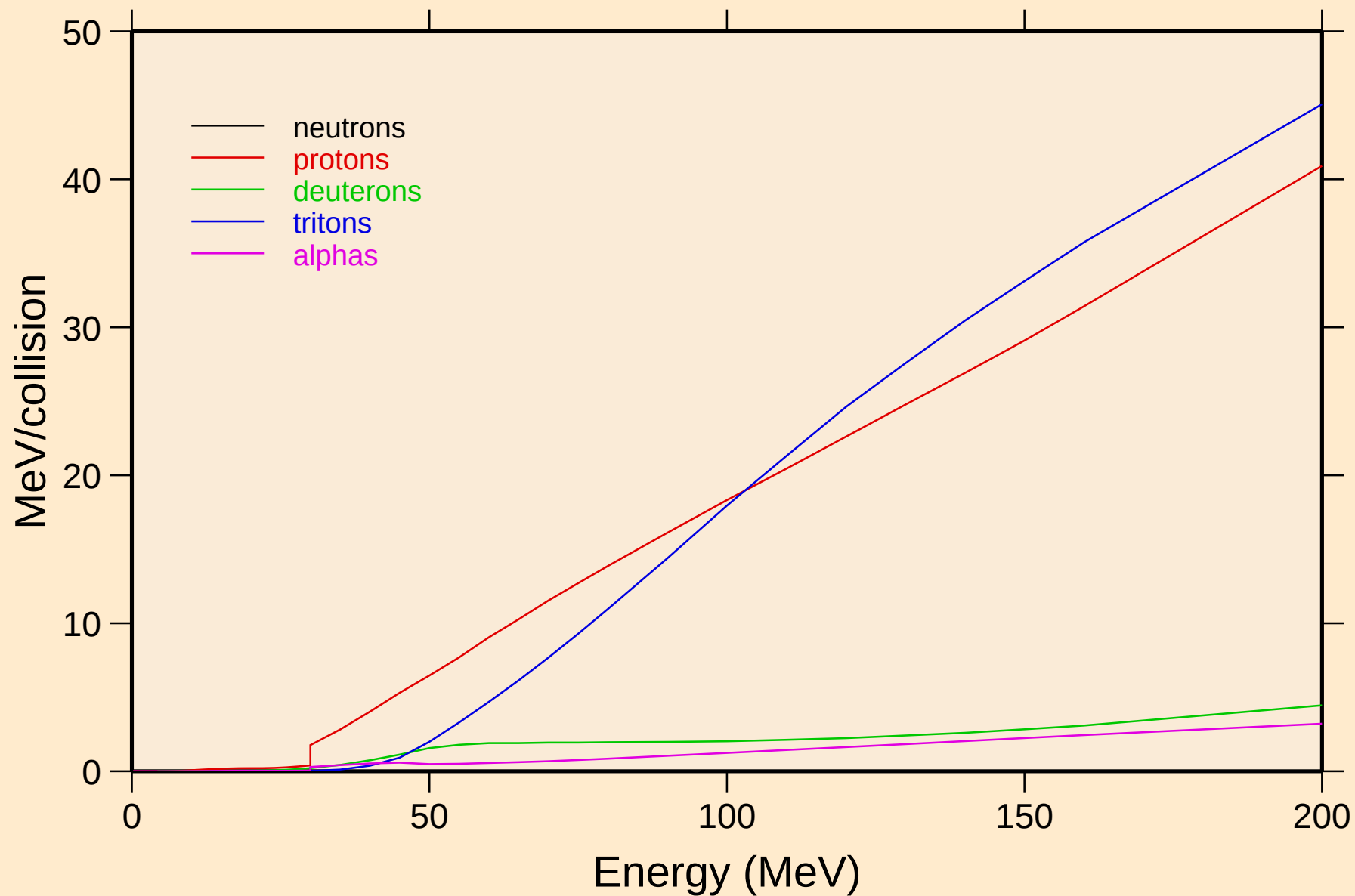


S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



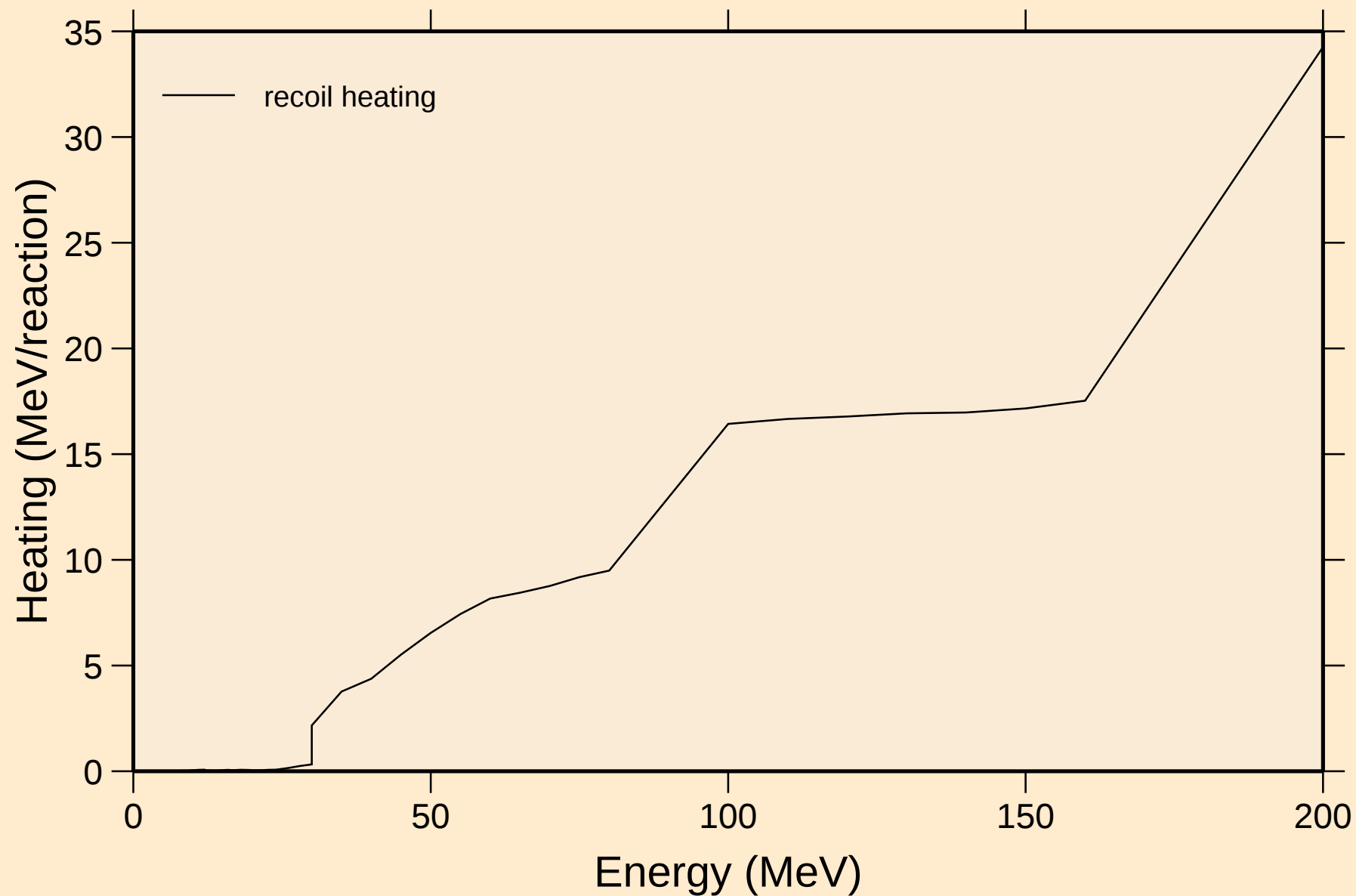
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



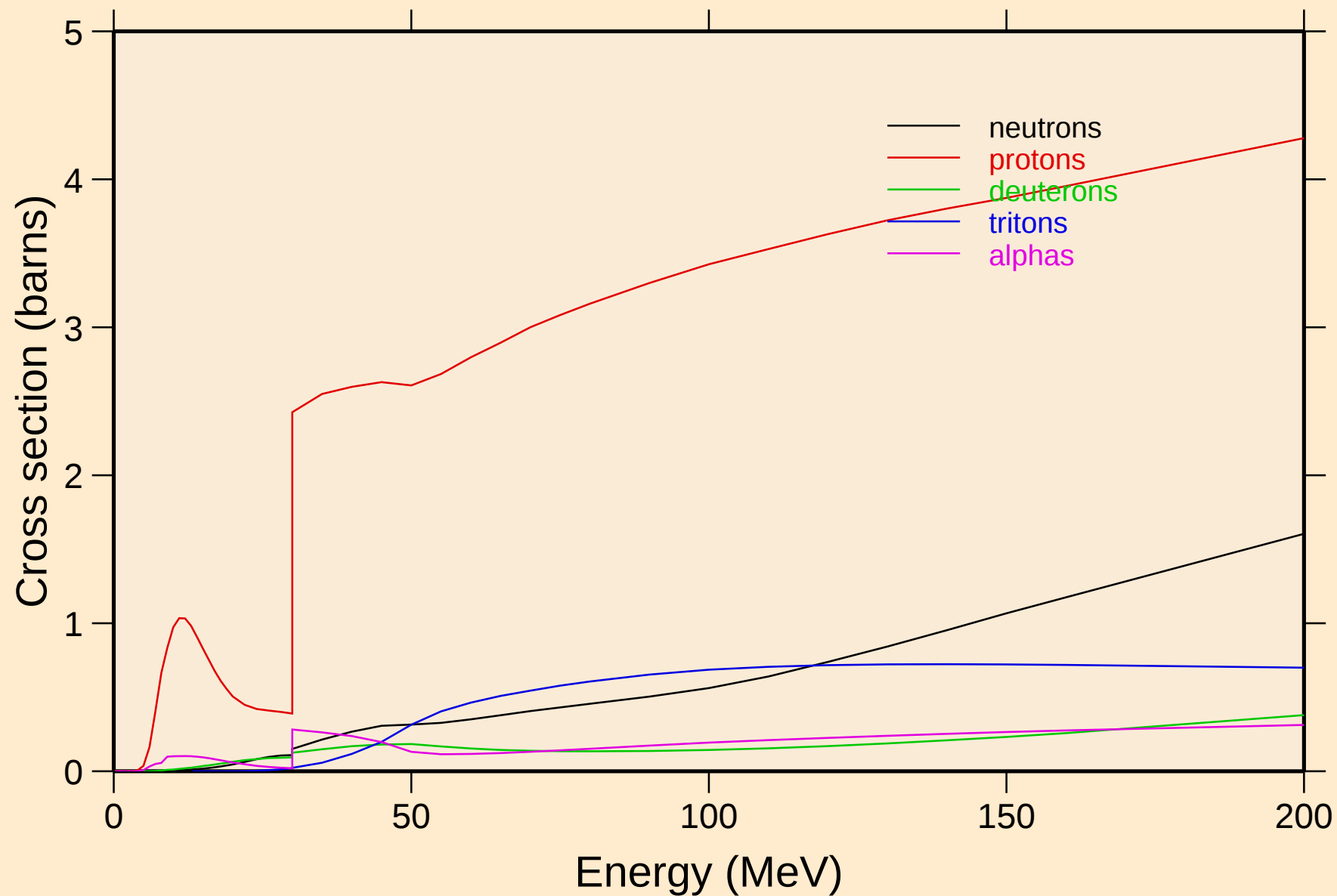
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

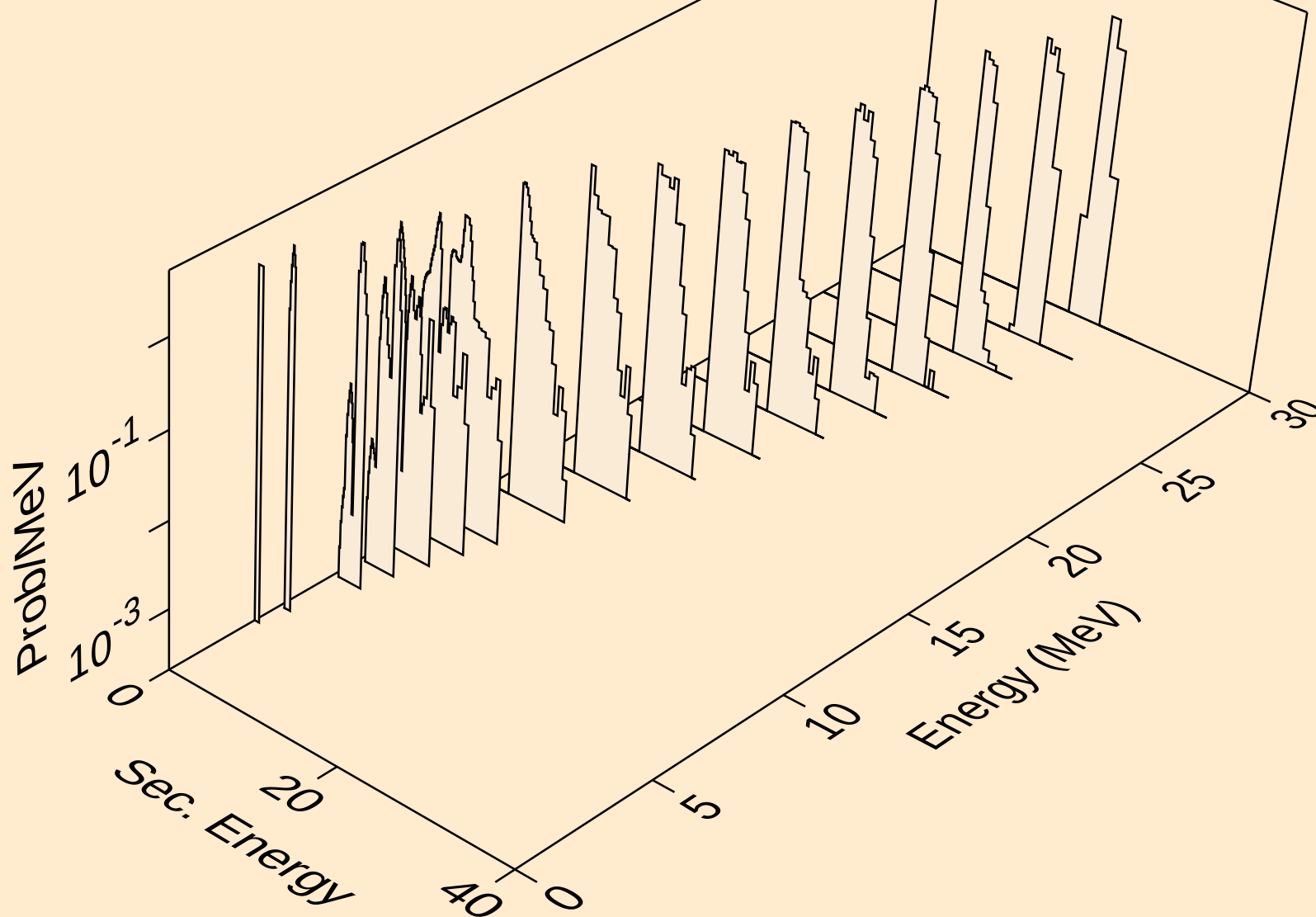


S031 HELION ACER TENDL-2023 LIBRARY; T=0.K

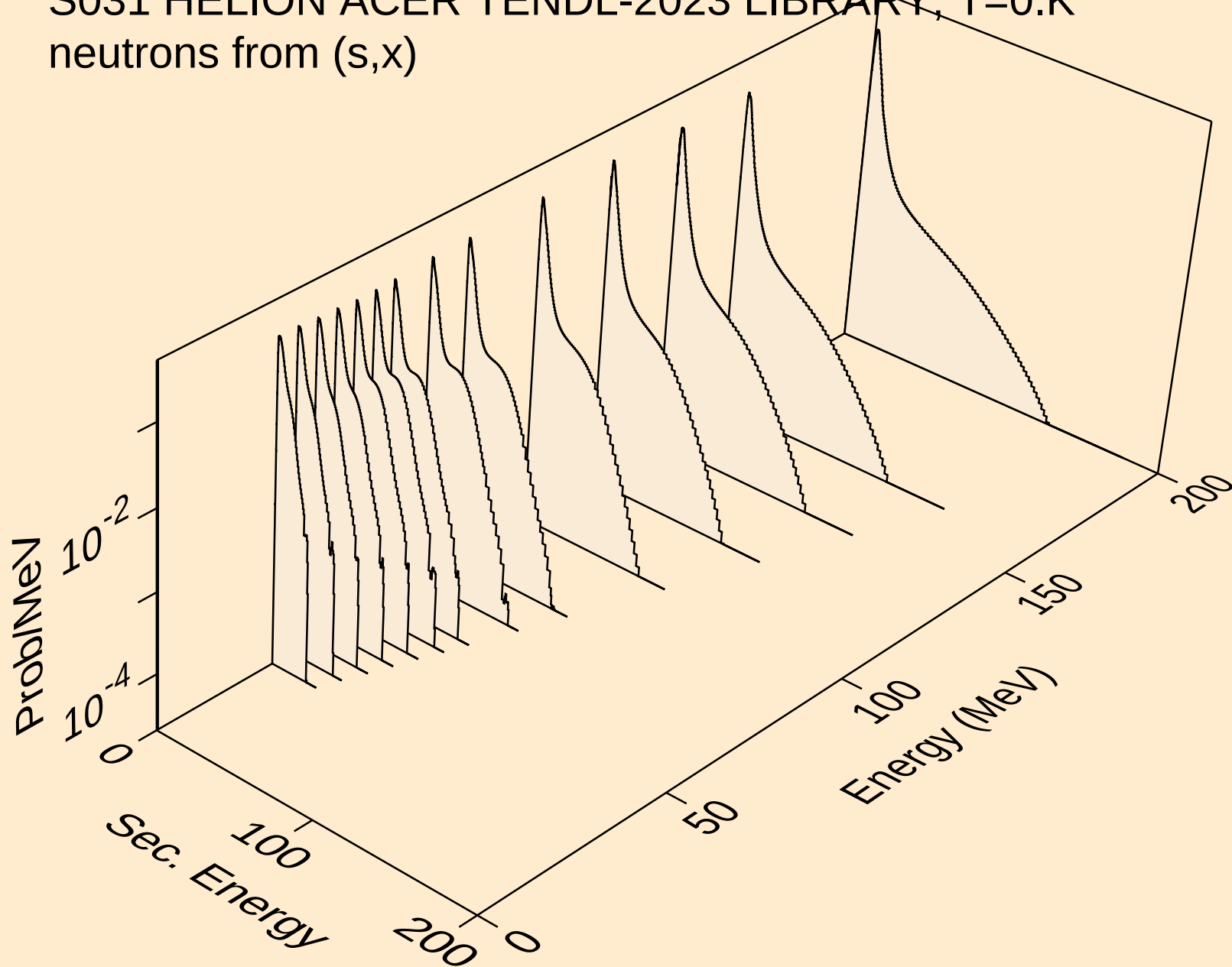
Particle production cross sections



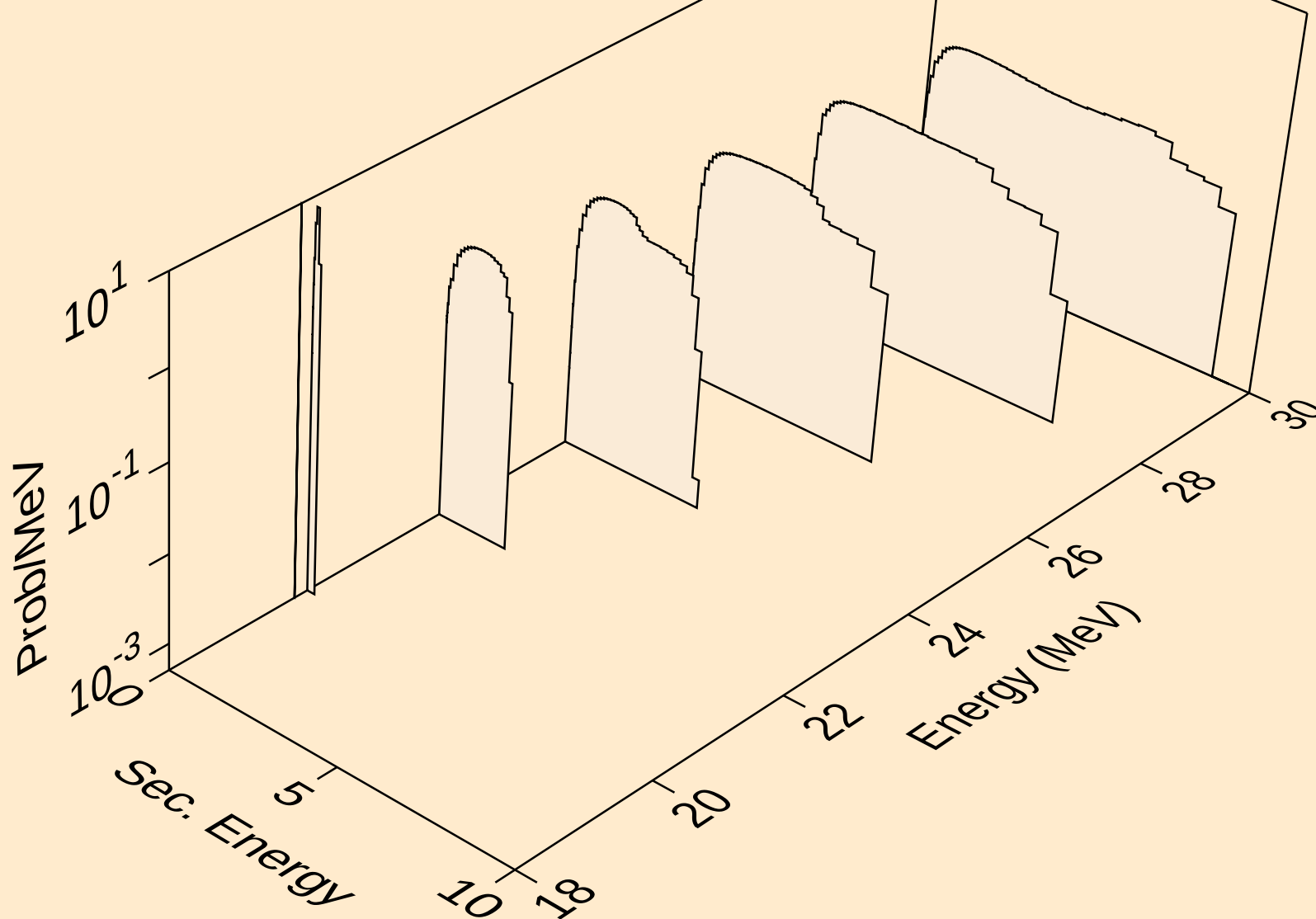
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n)



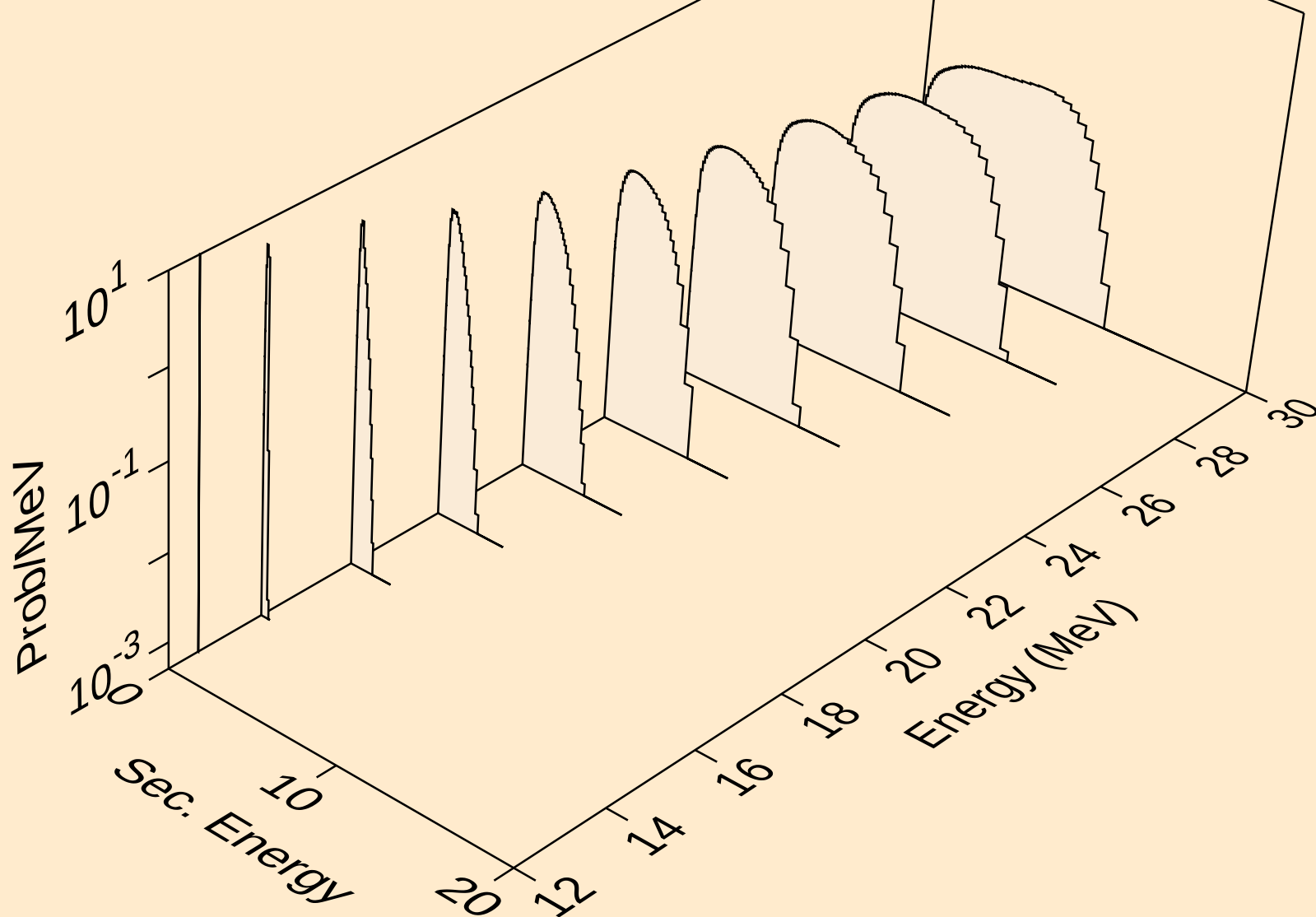
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,x)



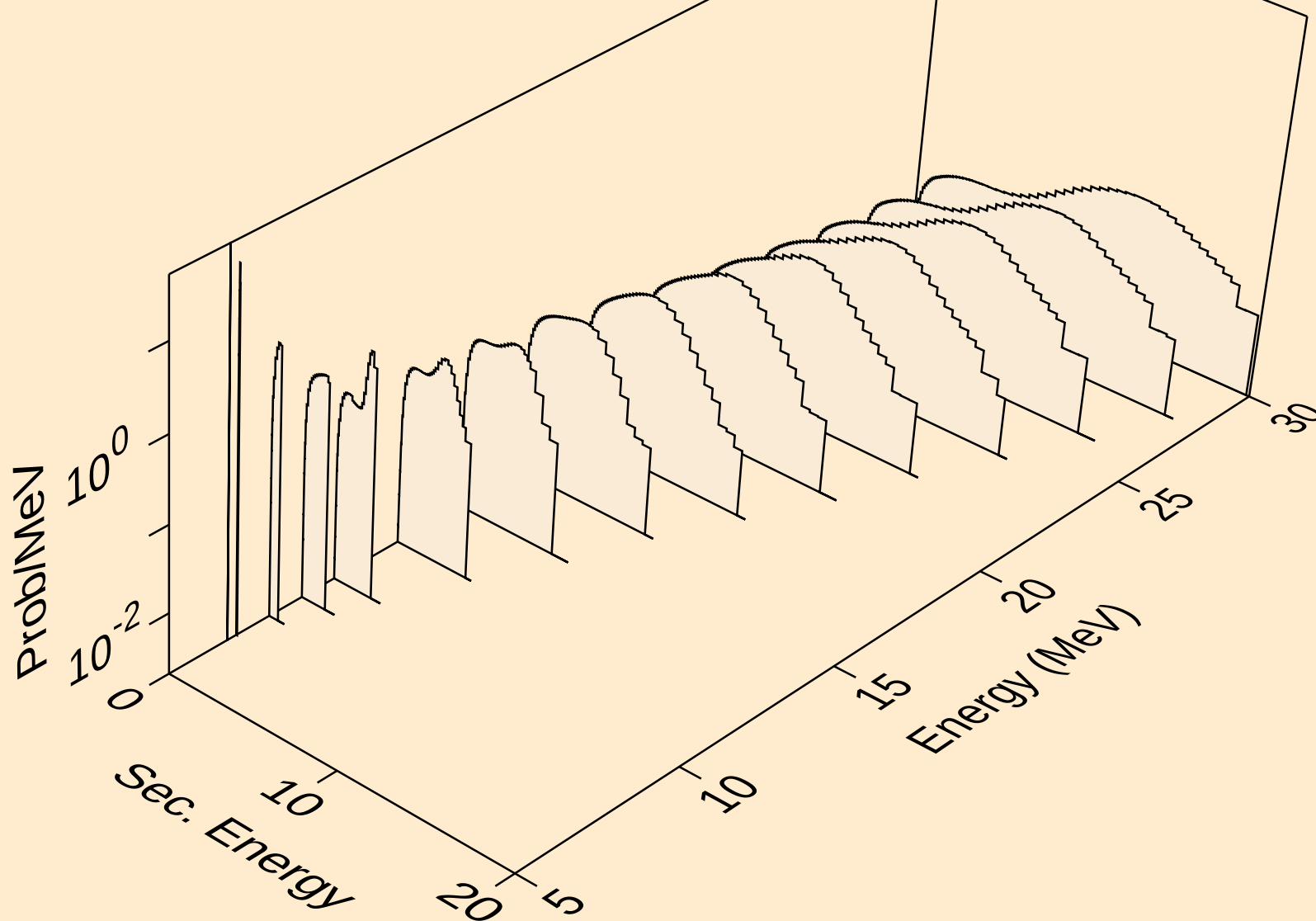
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neutrons from (s,2n)



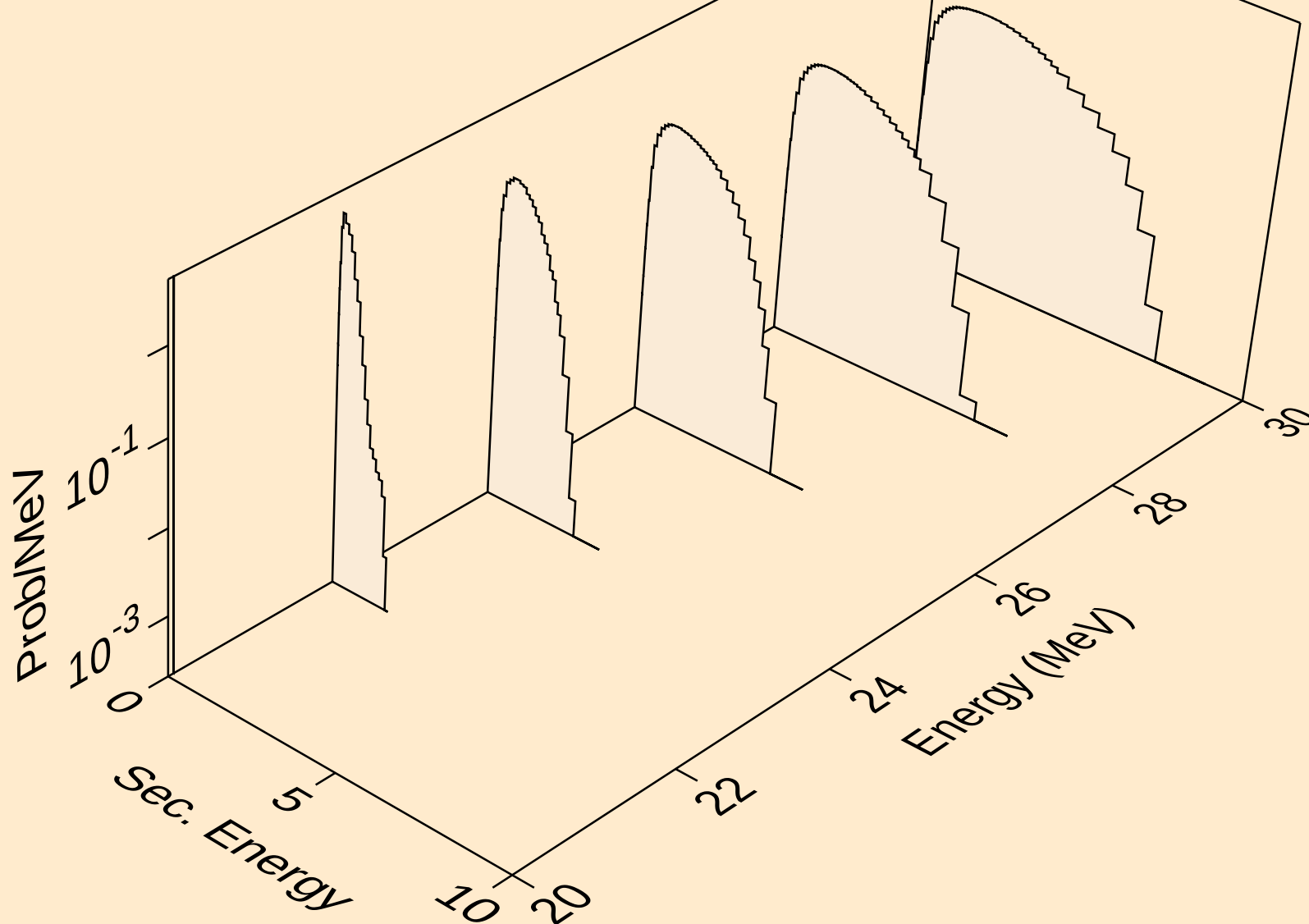
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)a



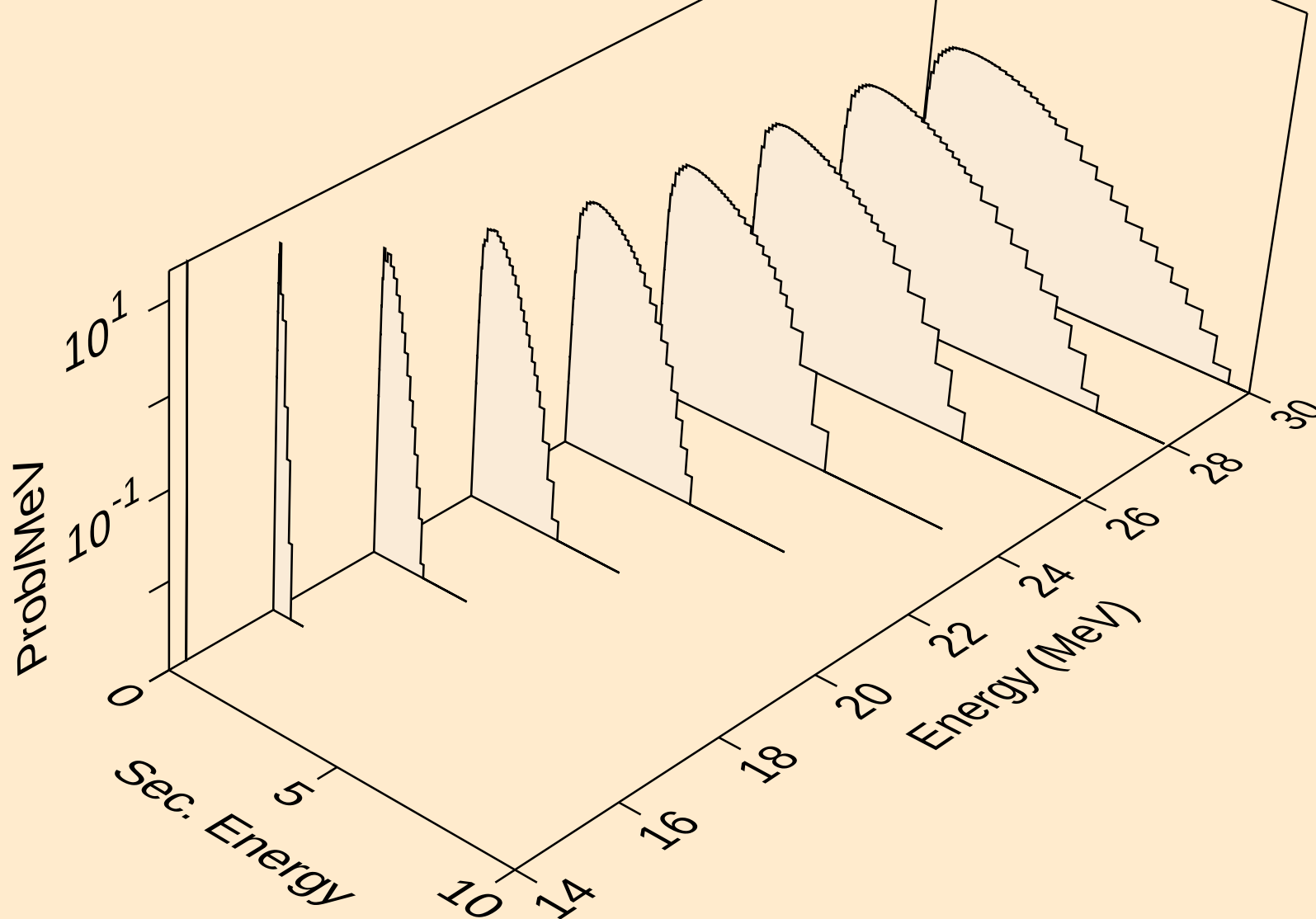
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)p



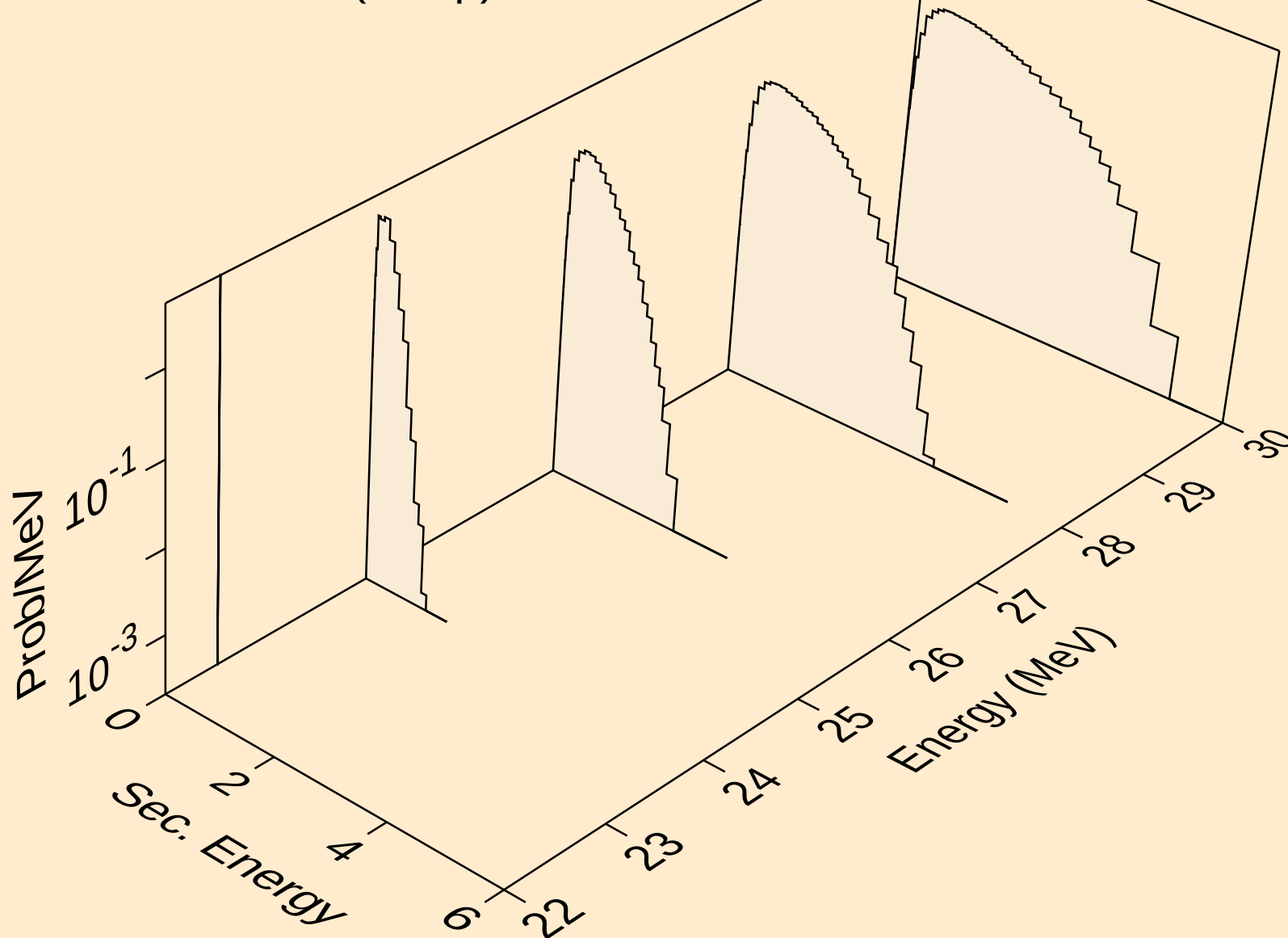
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)d



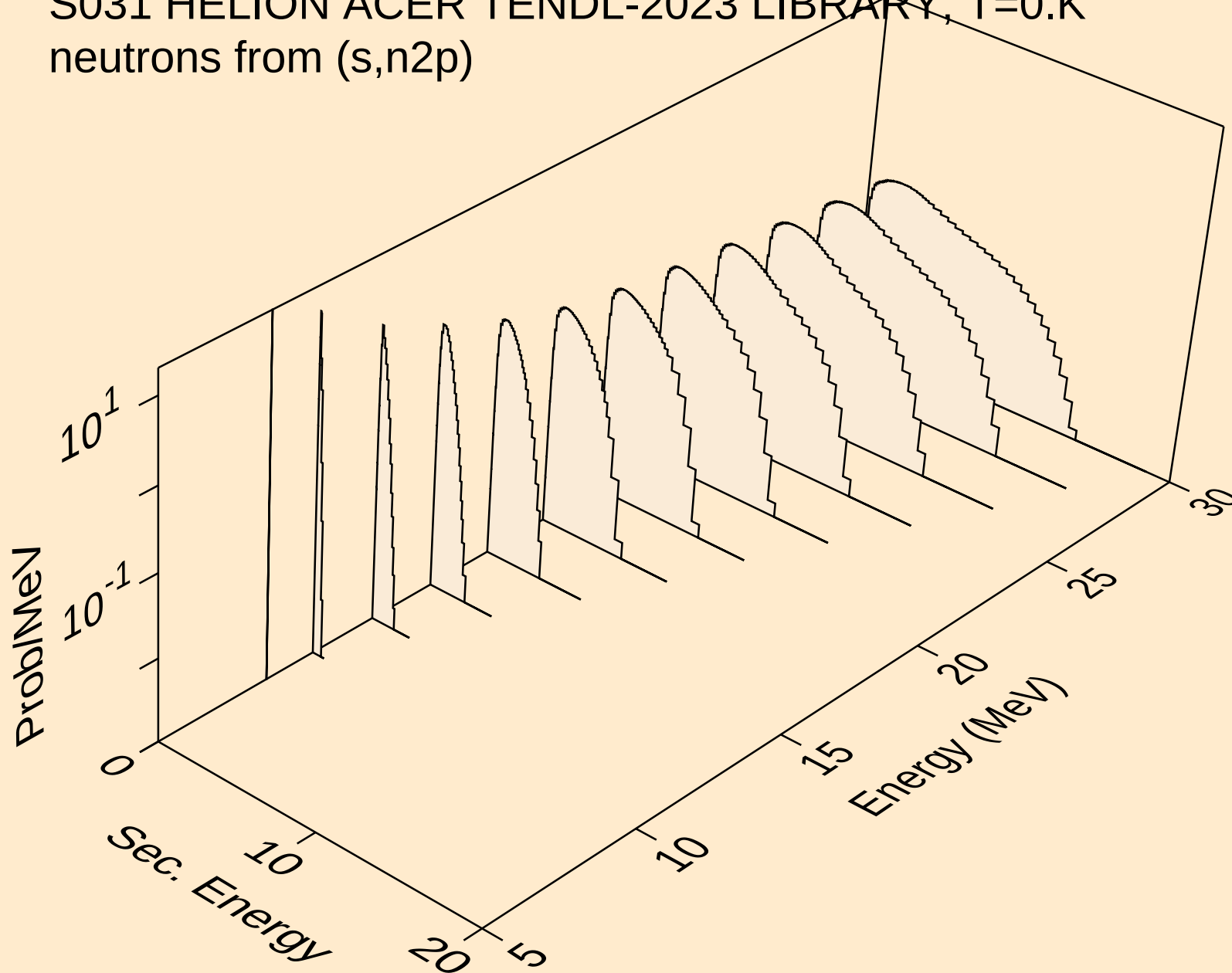
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)he3



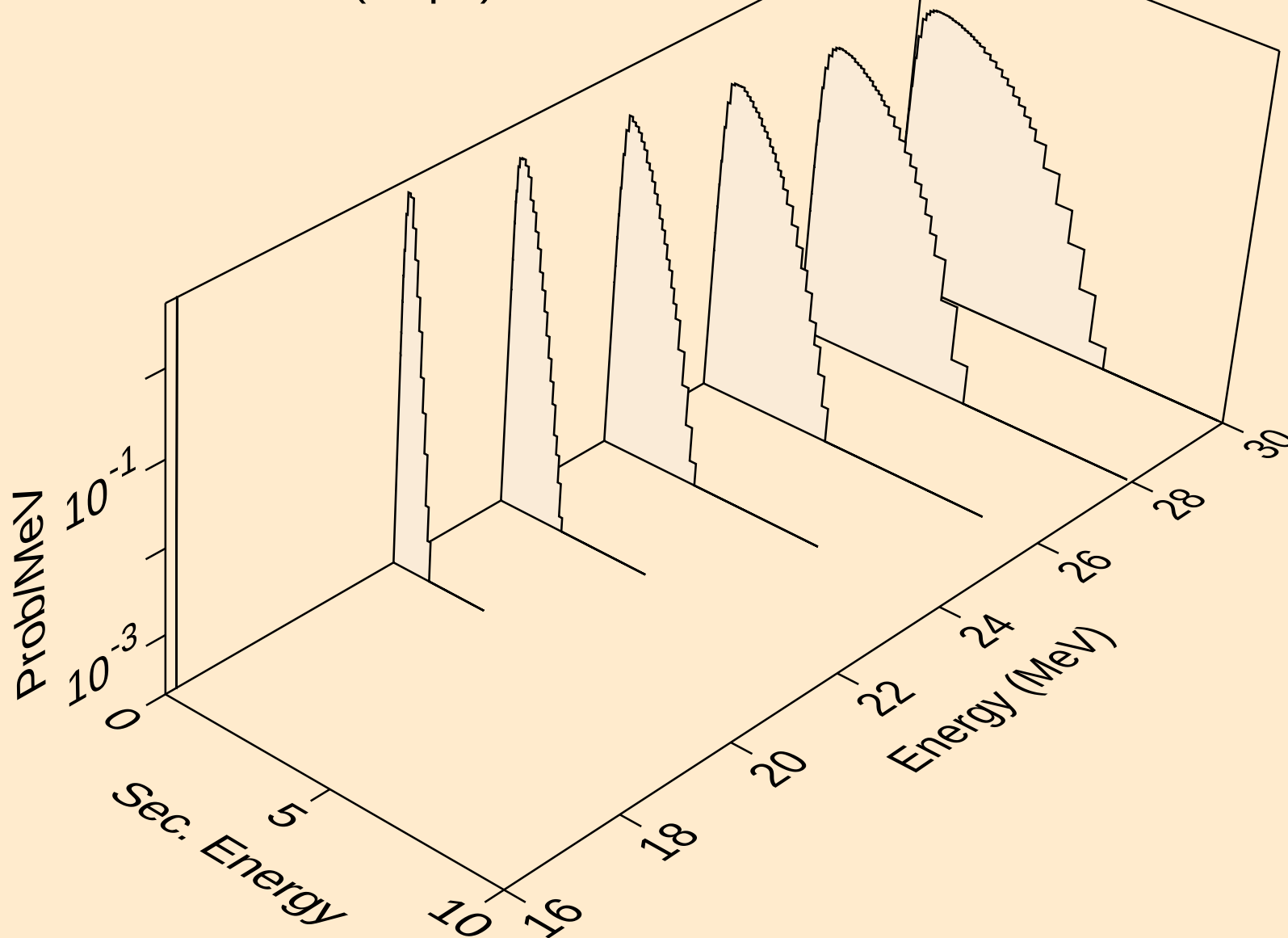
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2np)



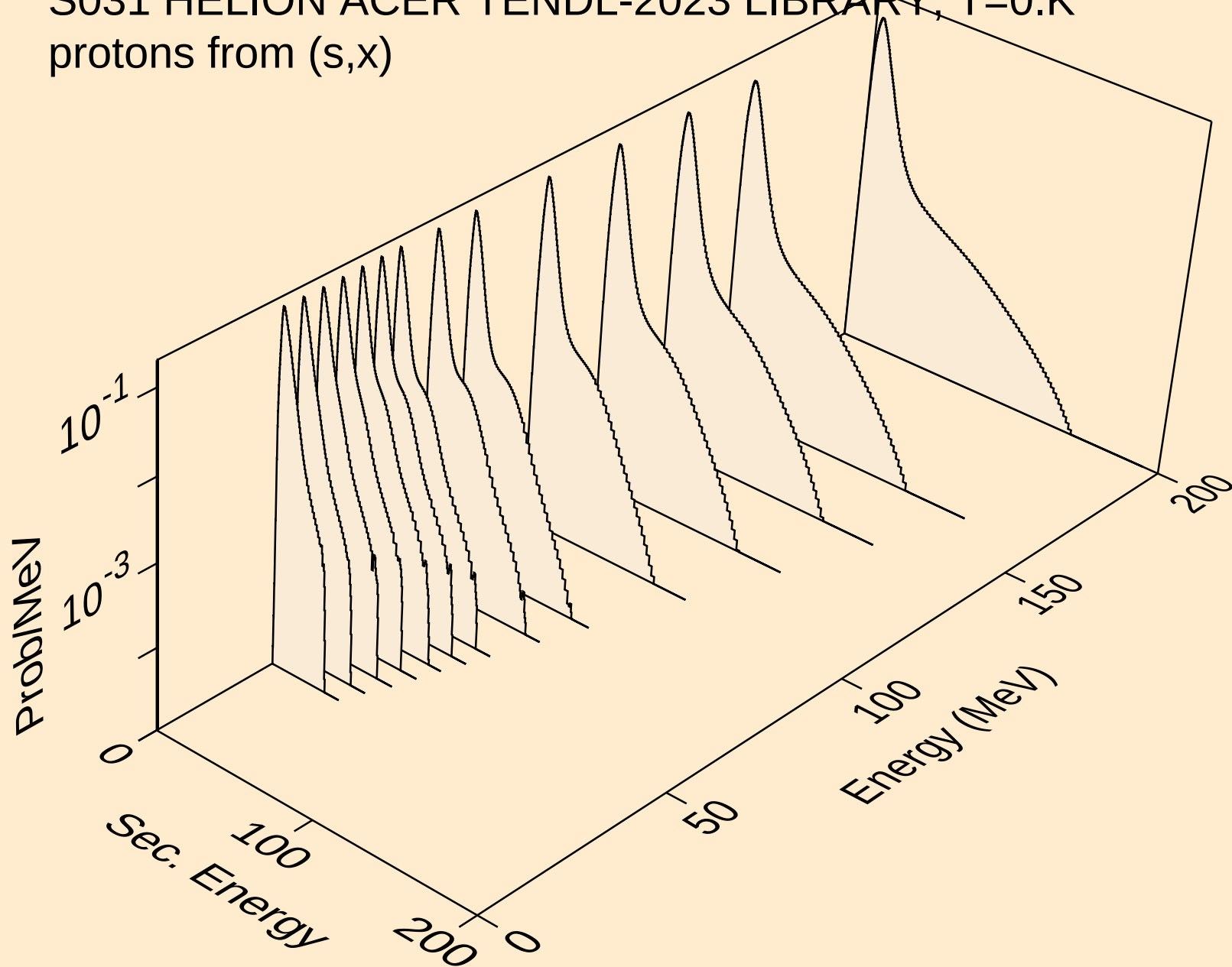
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n2p)



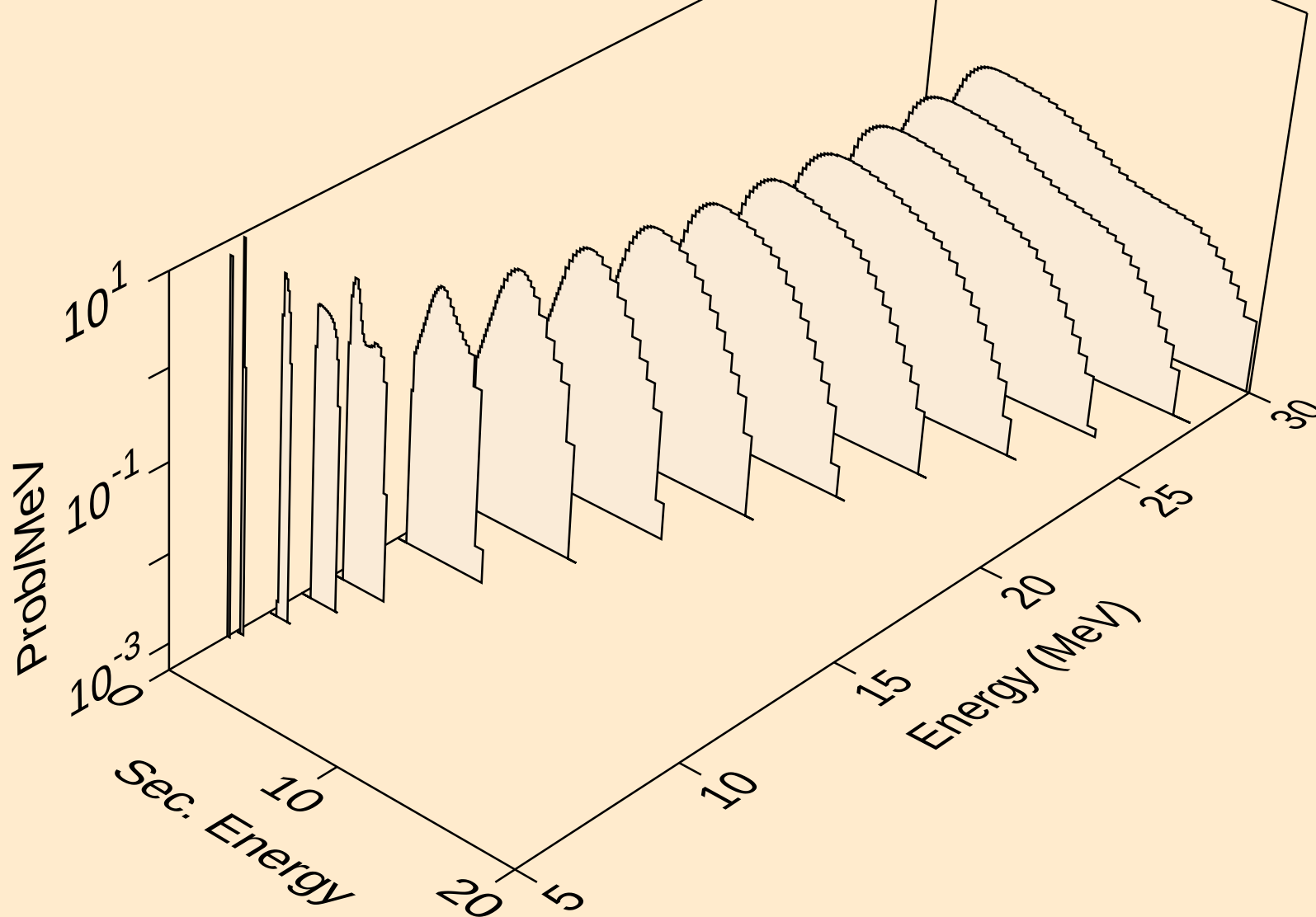
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neutrons from (s,npa)



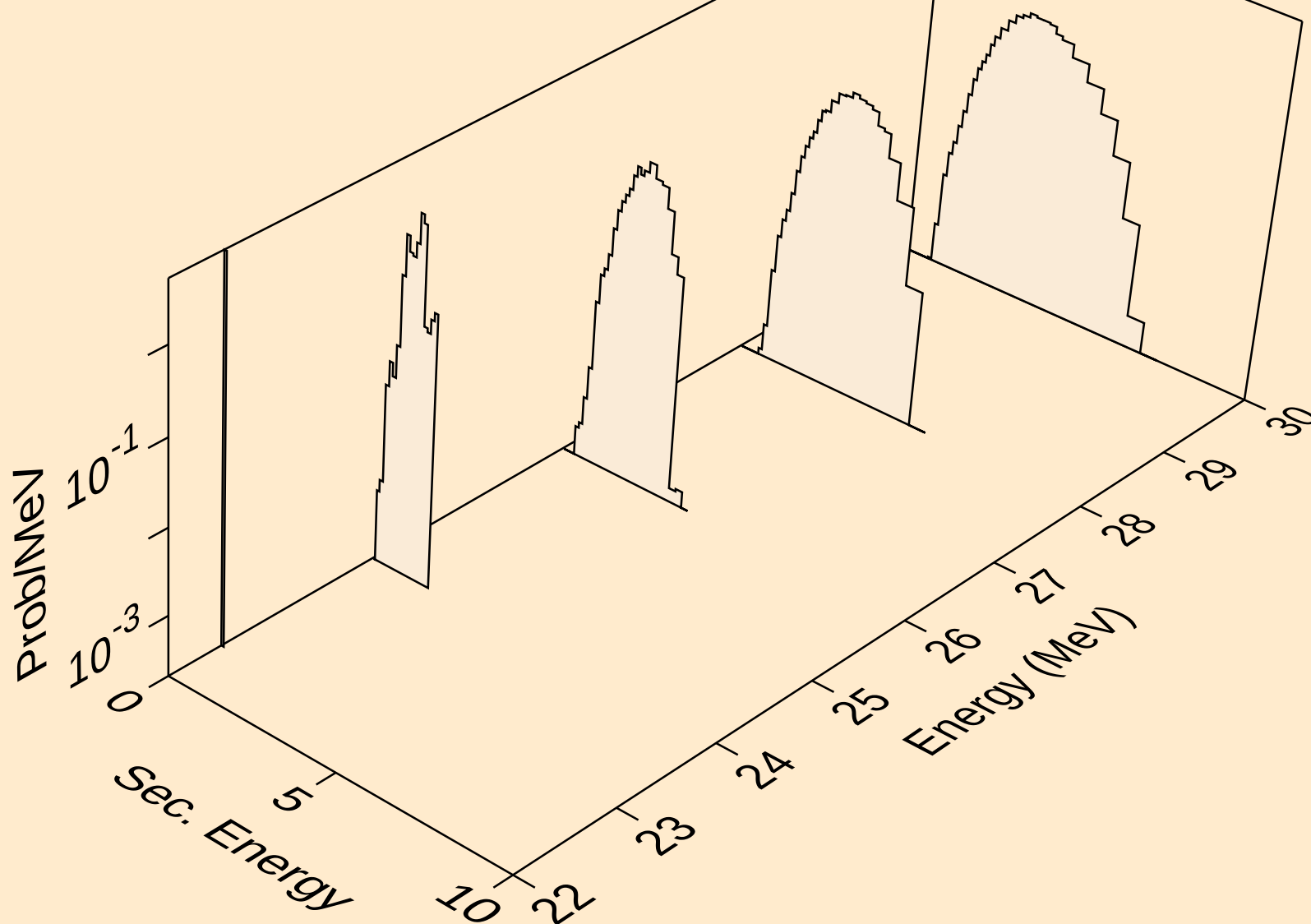
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,x)



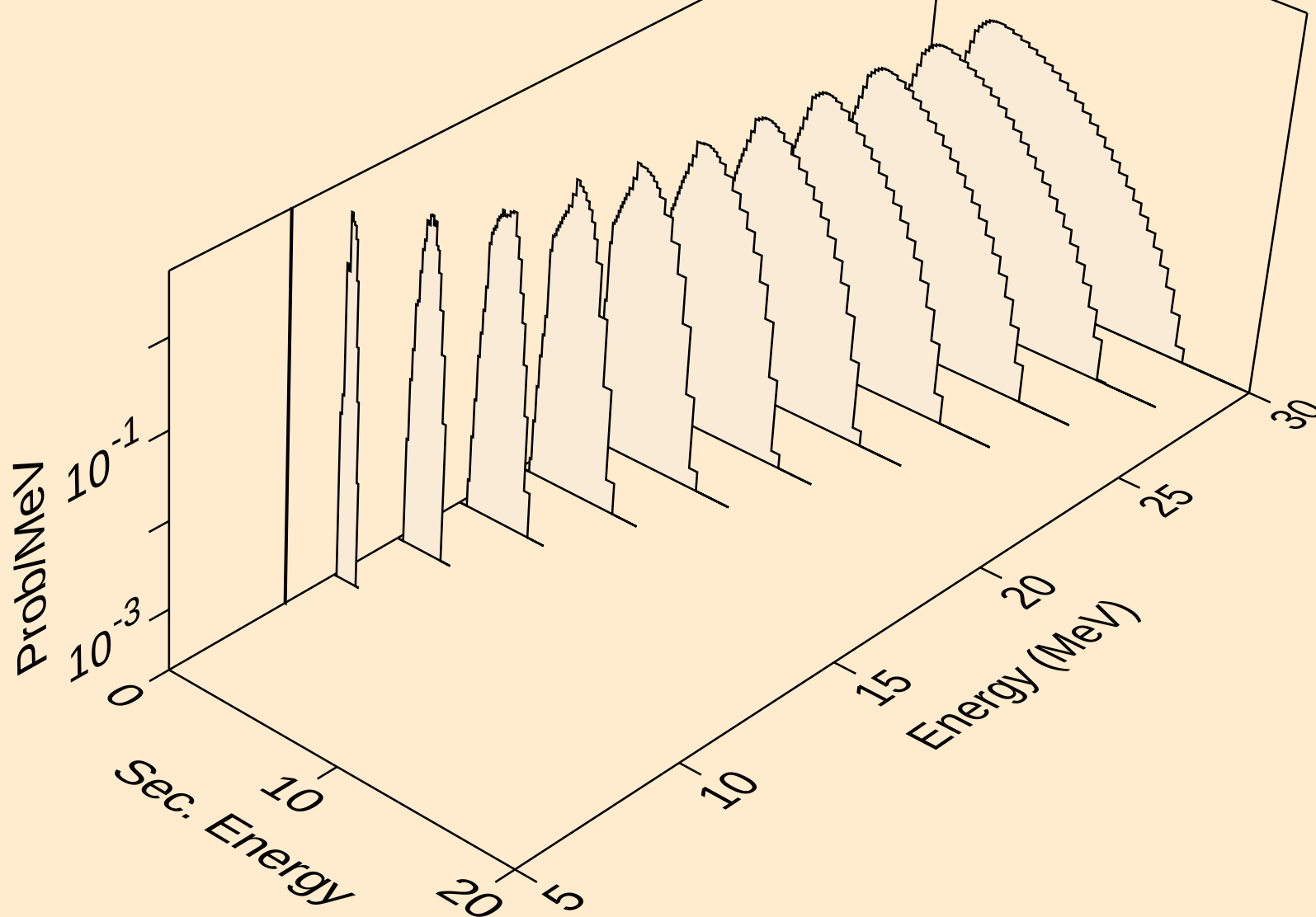
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,n*)p



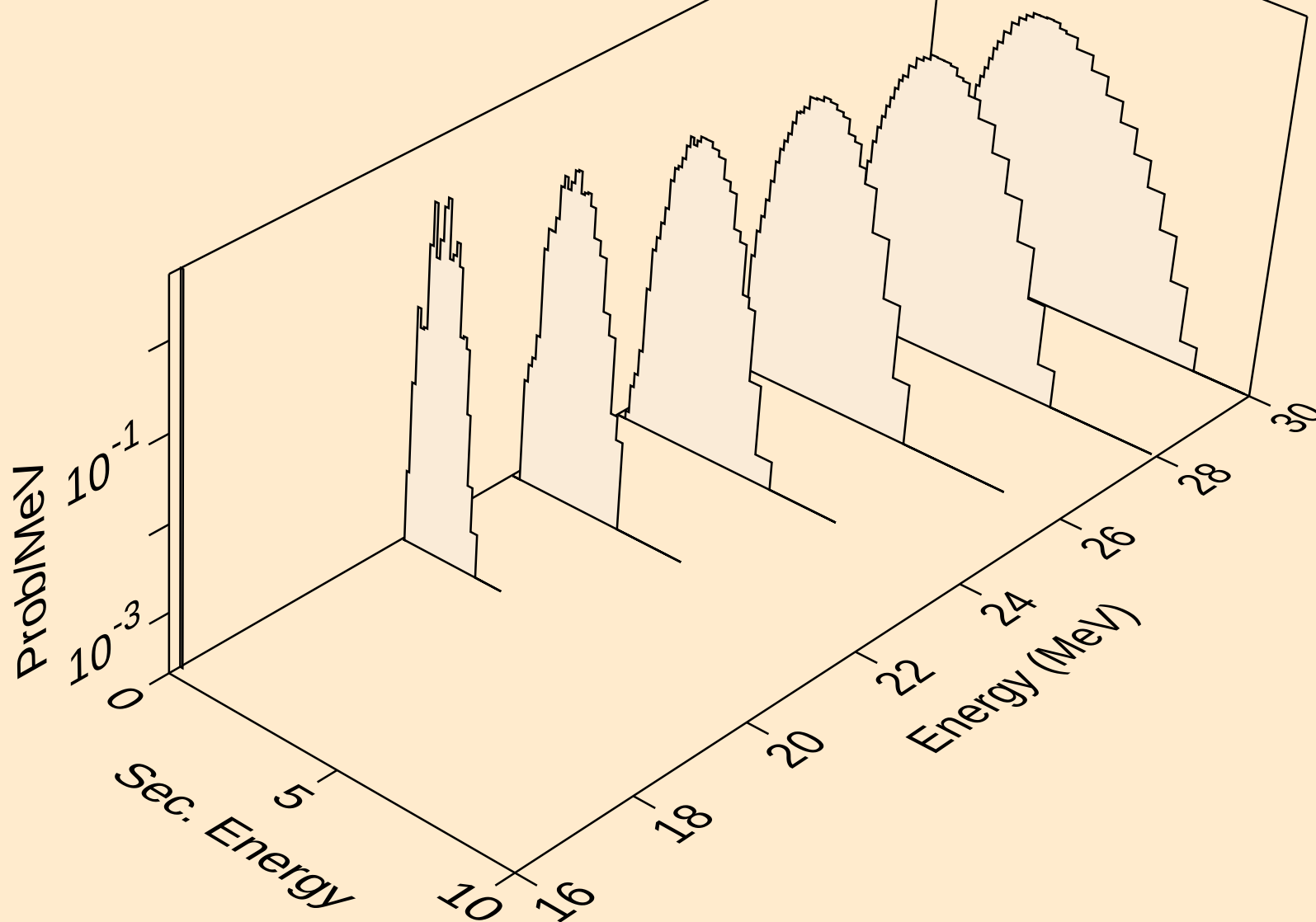
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protons from (s,2np)



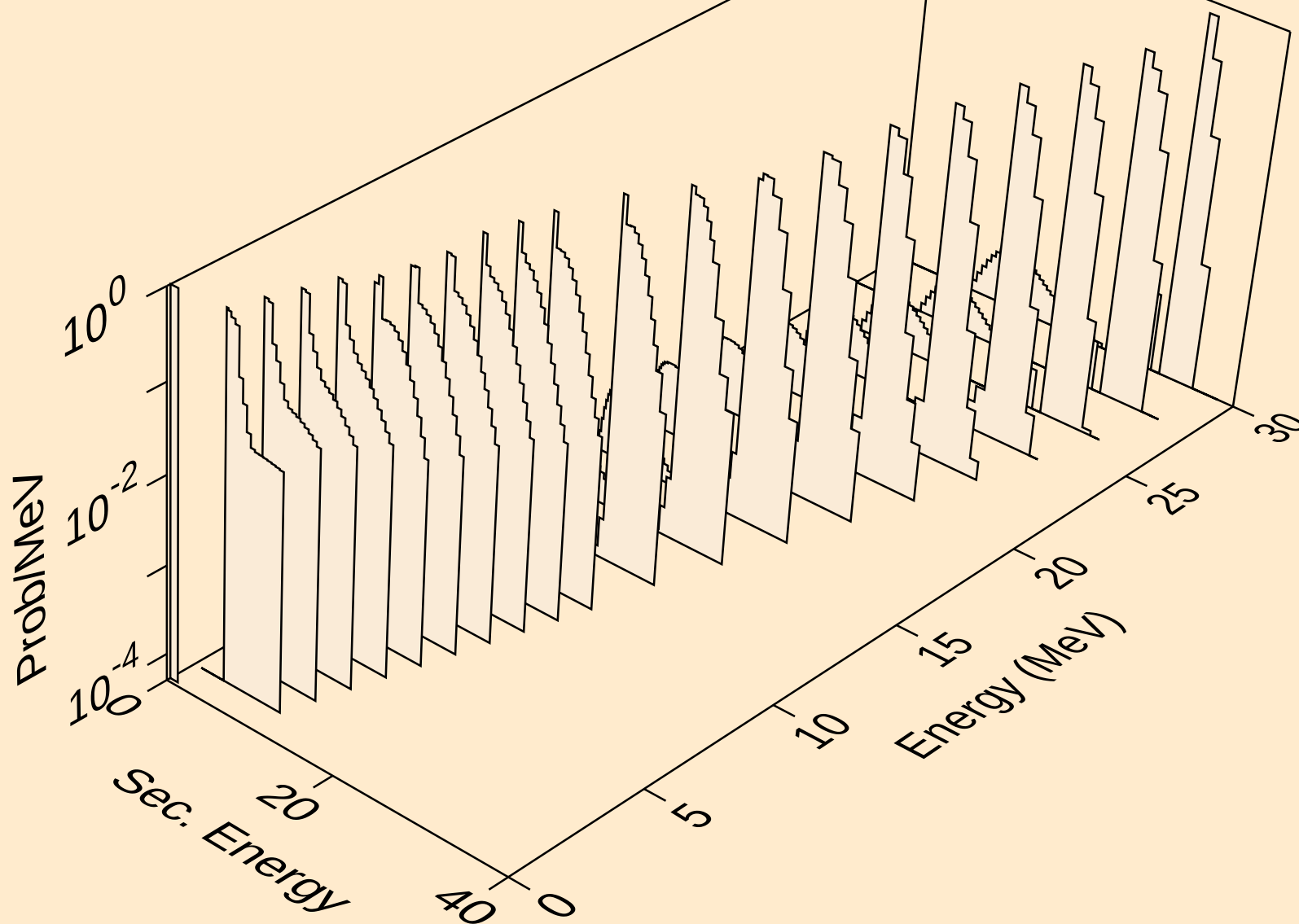
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protons from (s,n2p)



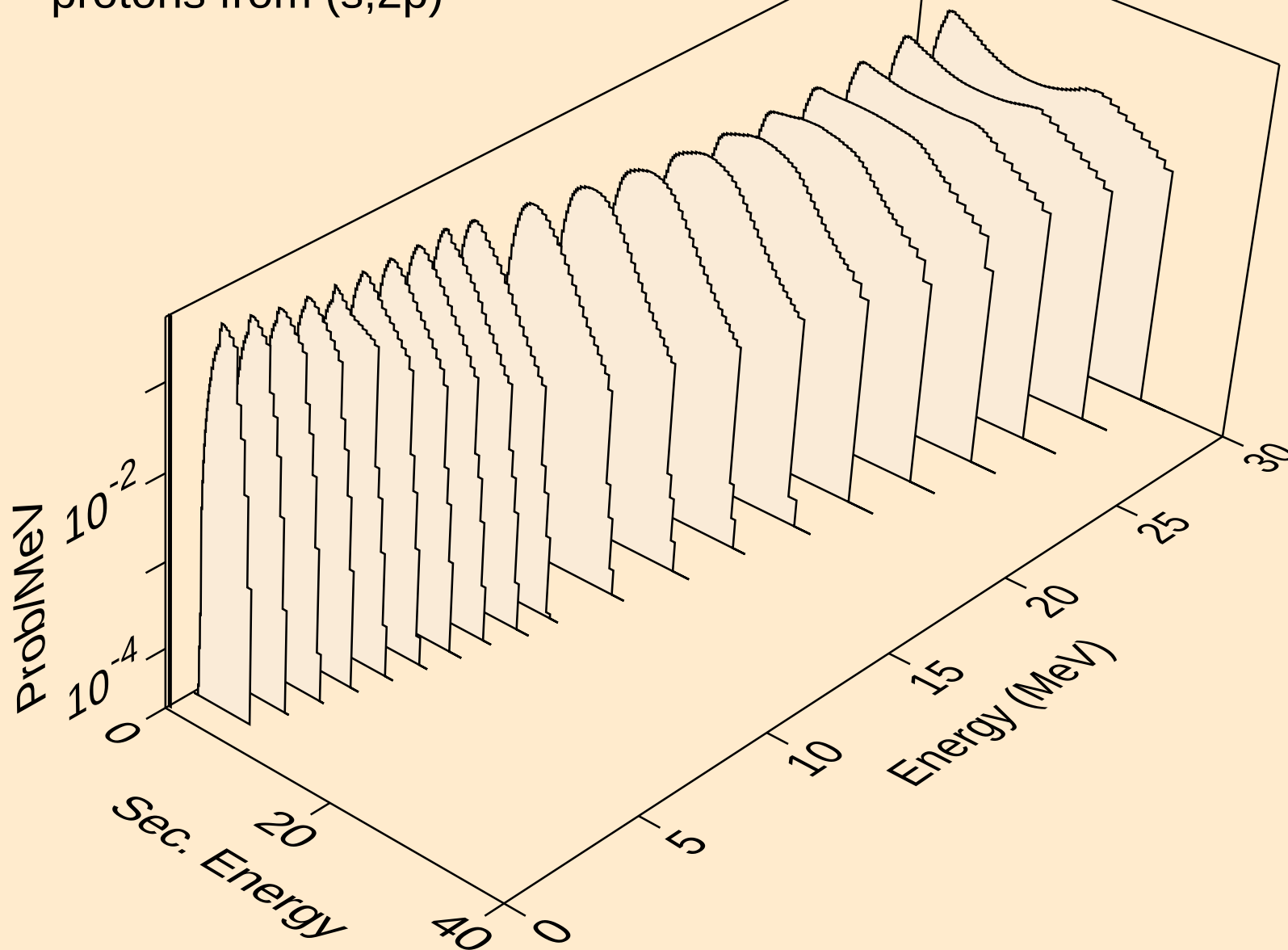
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protons from (s,npa)



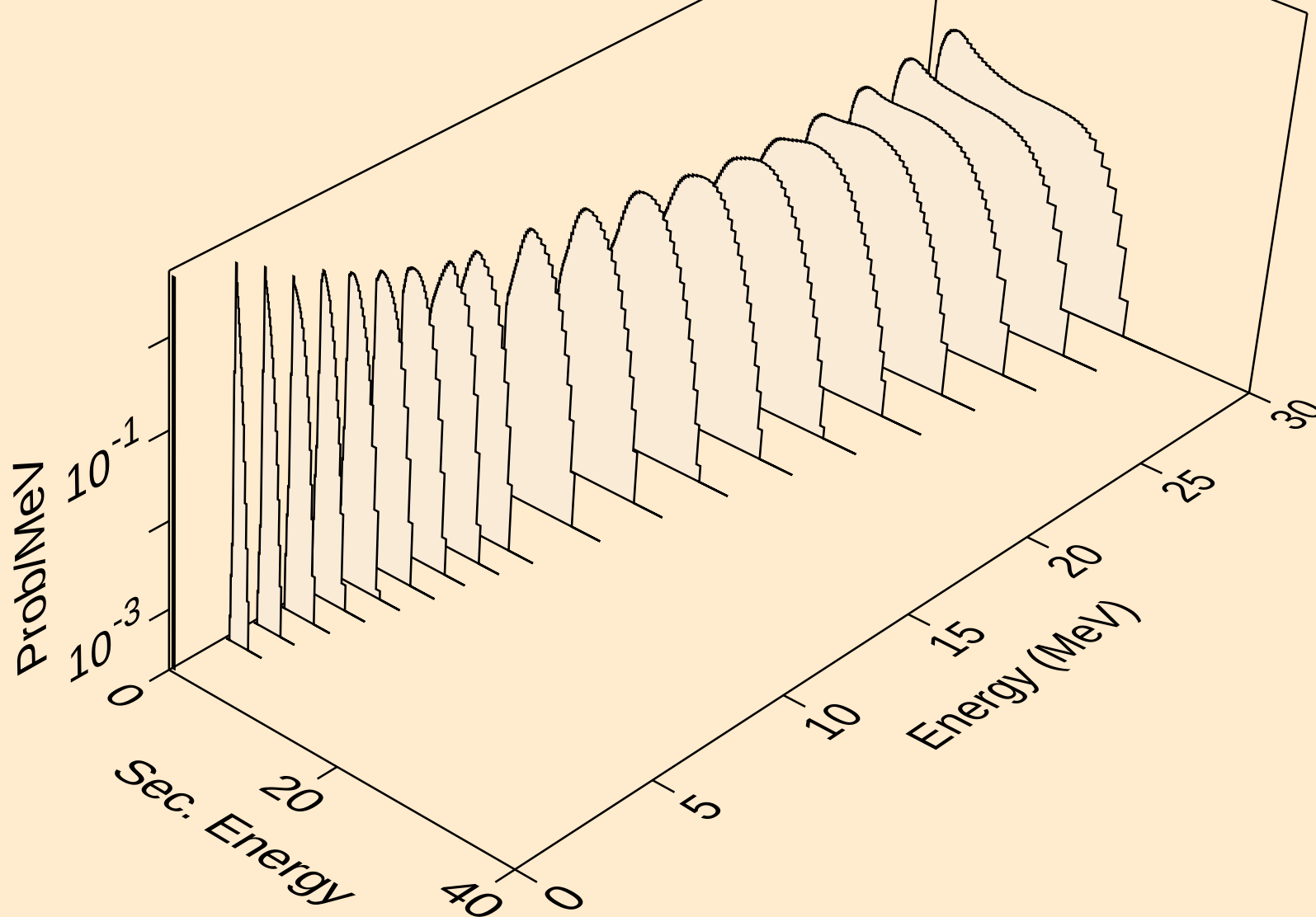
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protons from (s,p)



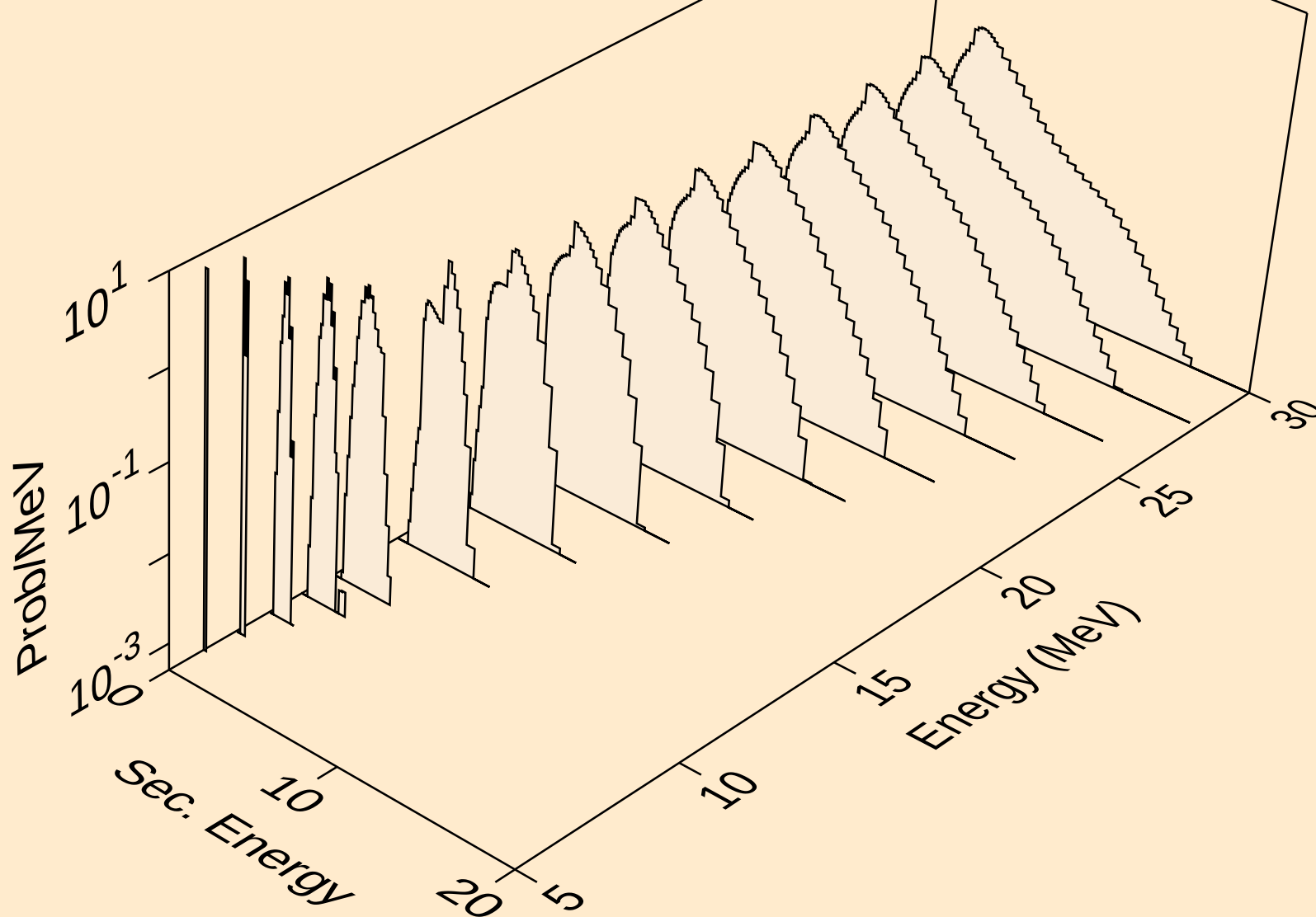
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protons from (s,2p)



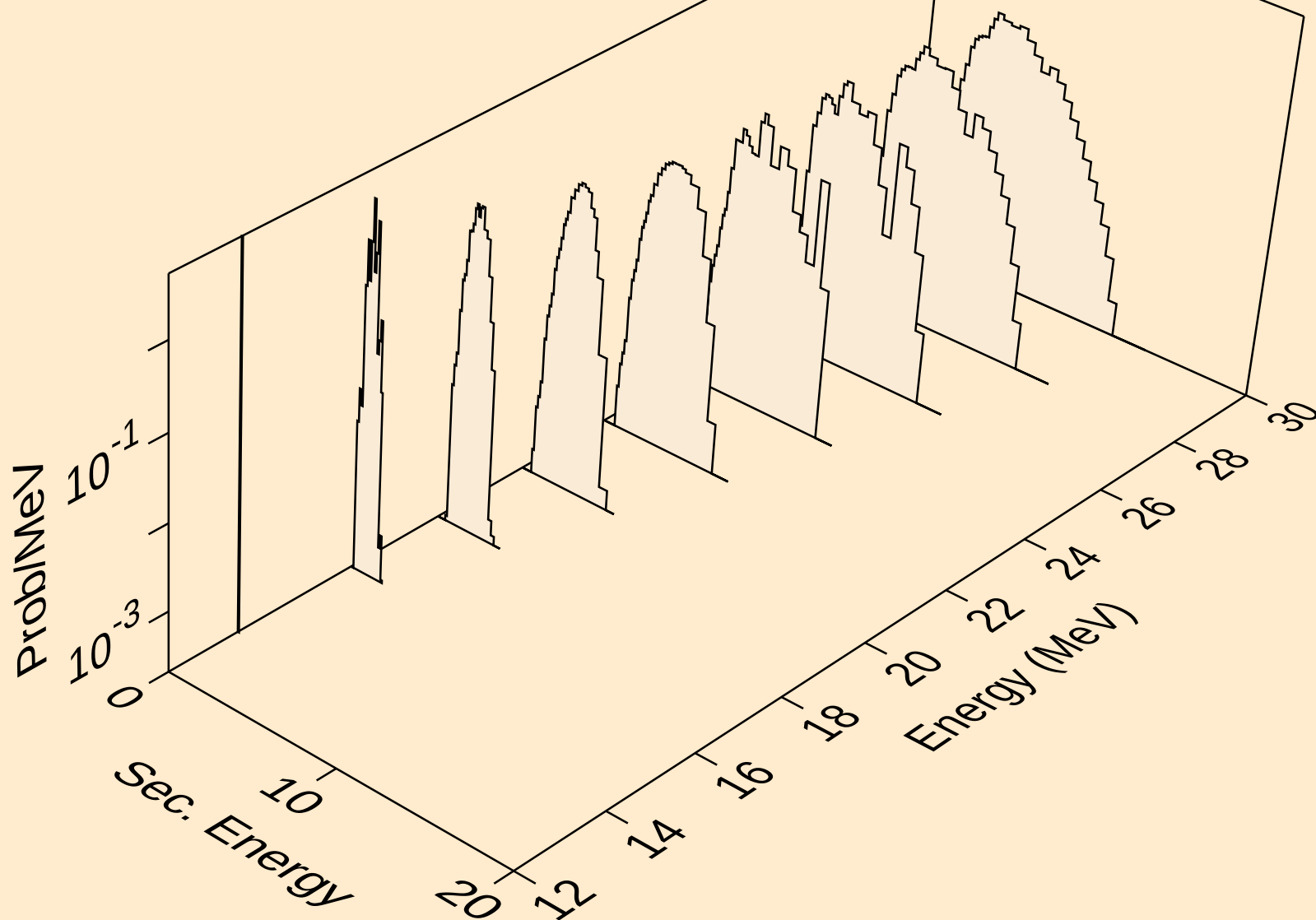
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protons from (s,pa)



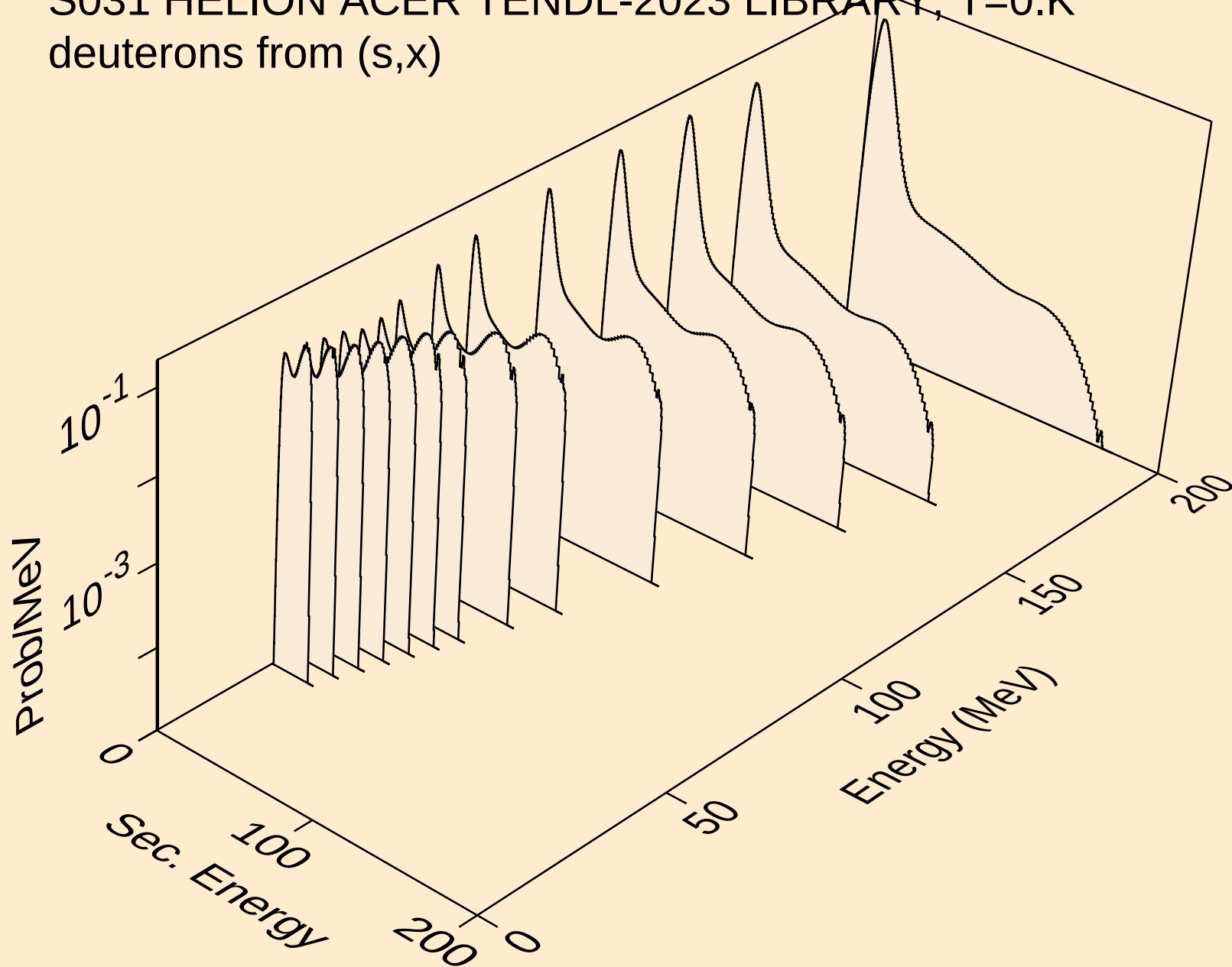
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protons from (s,pd)



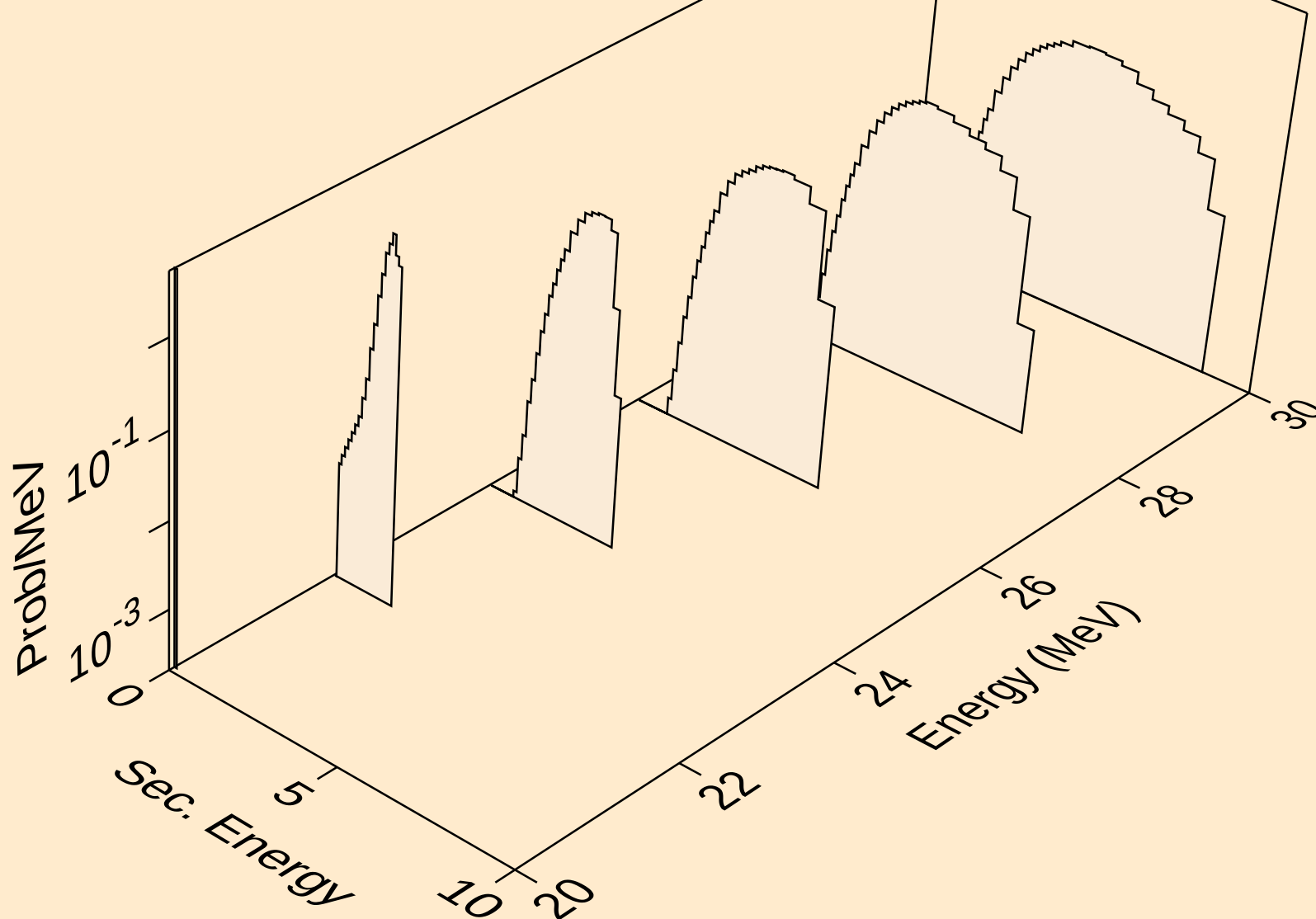
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protons from (s,pt)



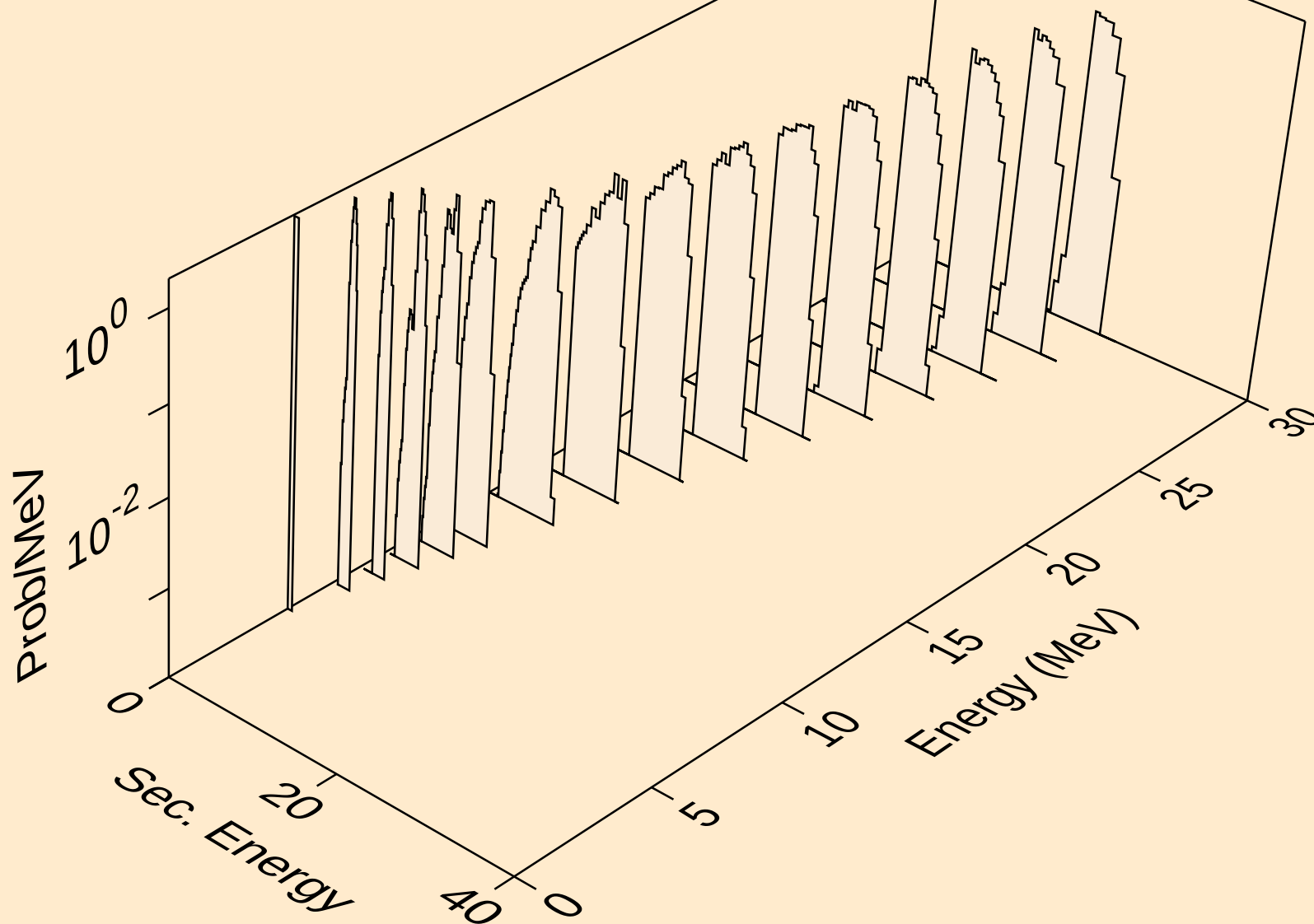
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,x)



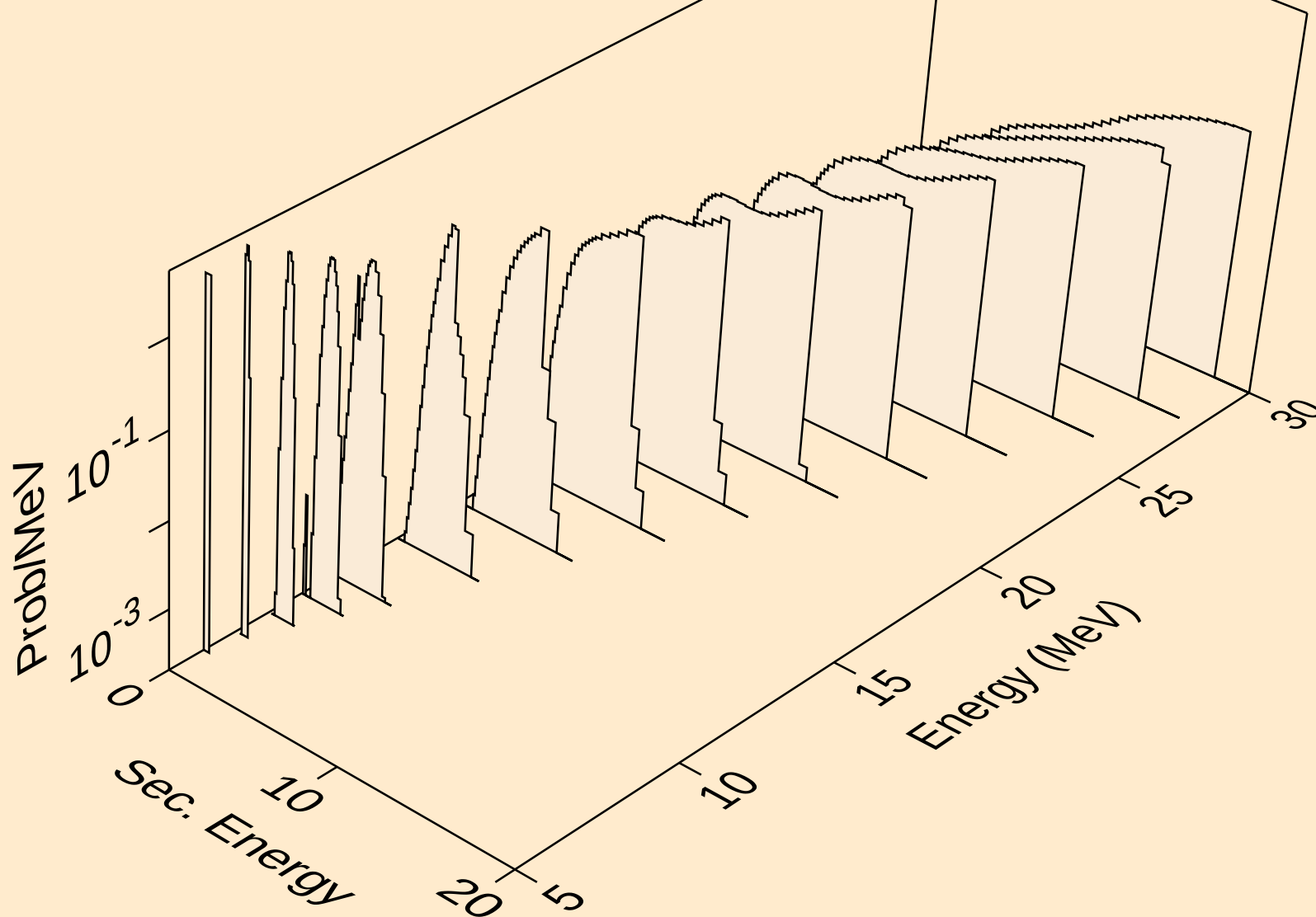
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deuterons from (s,n*)d



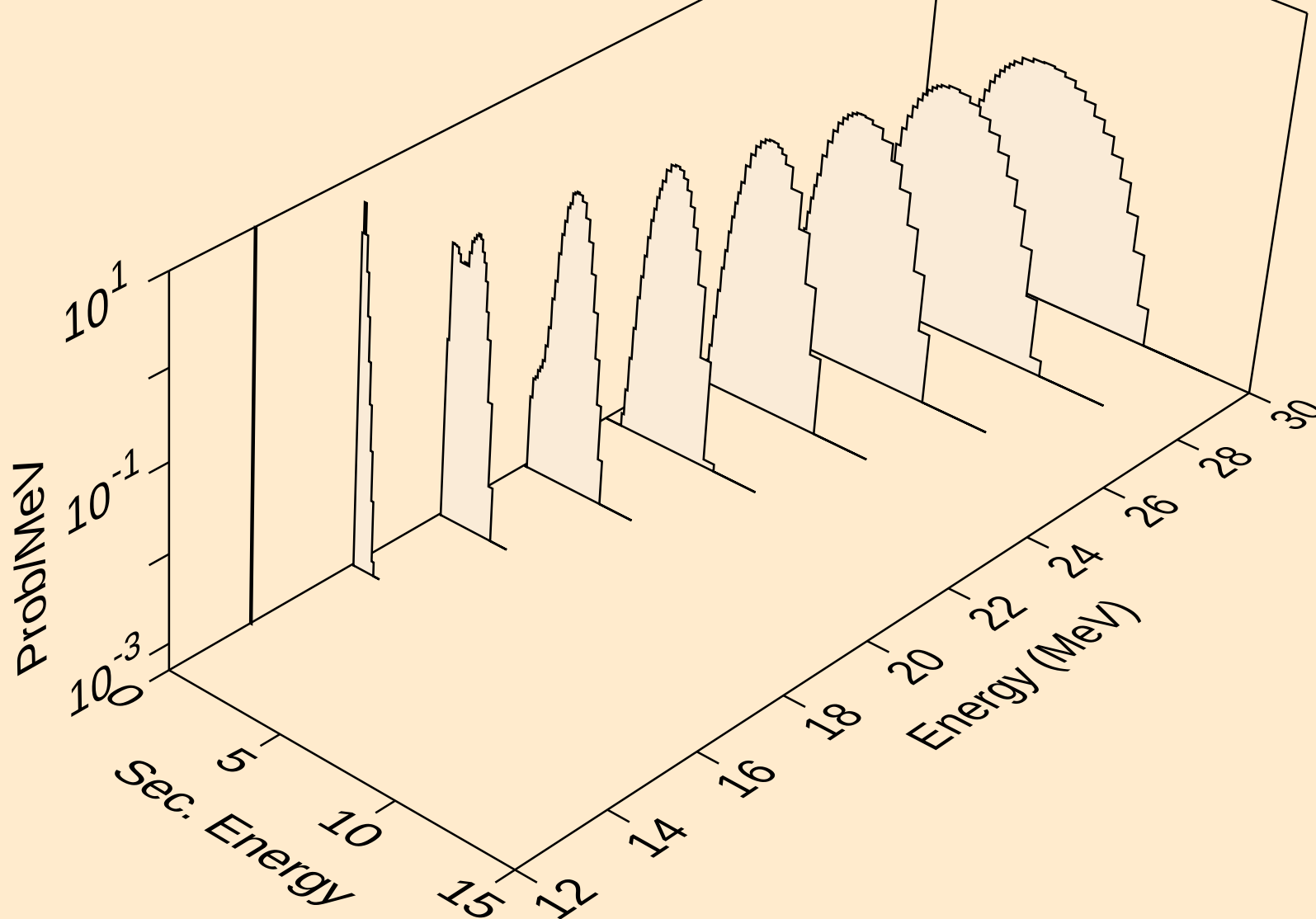
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deuterons from (s,d)



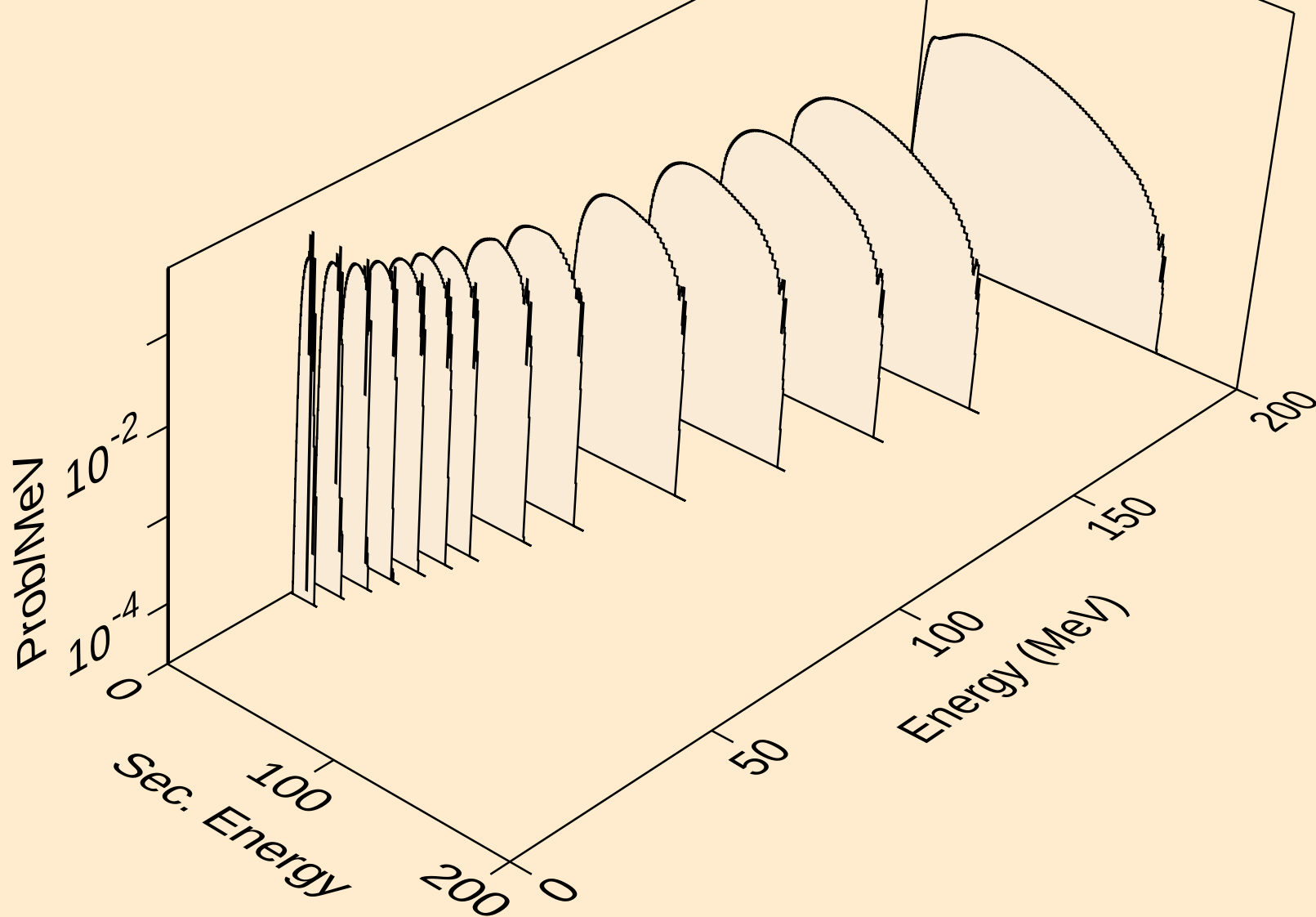
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,pd)



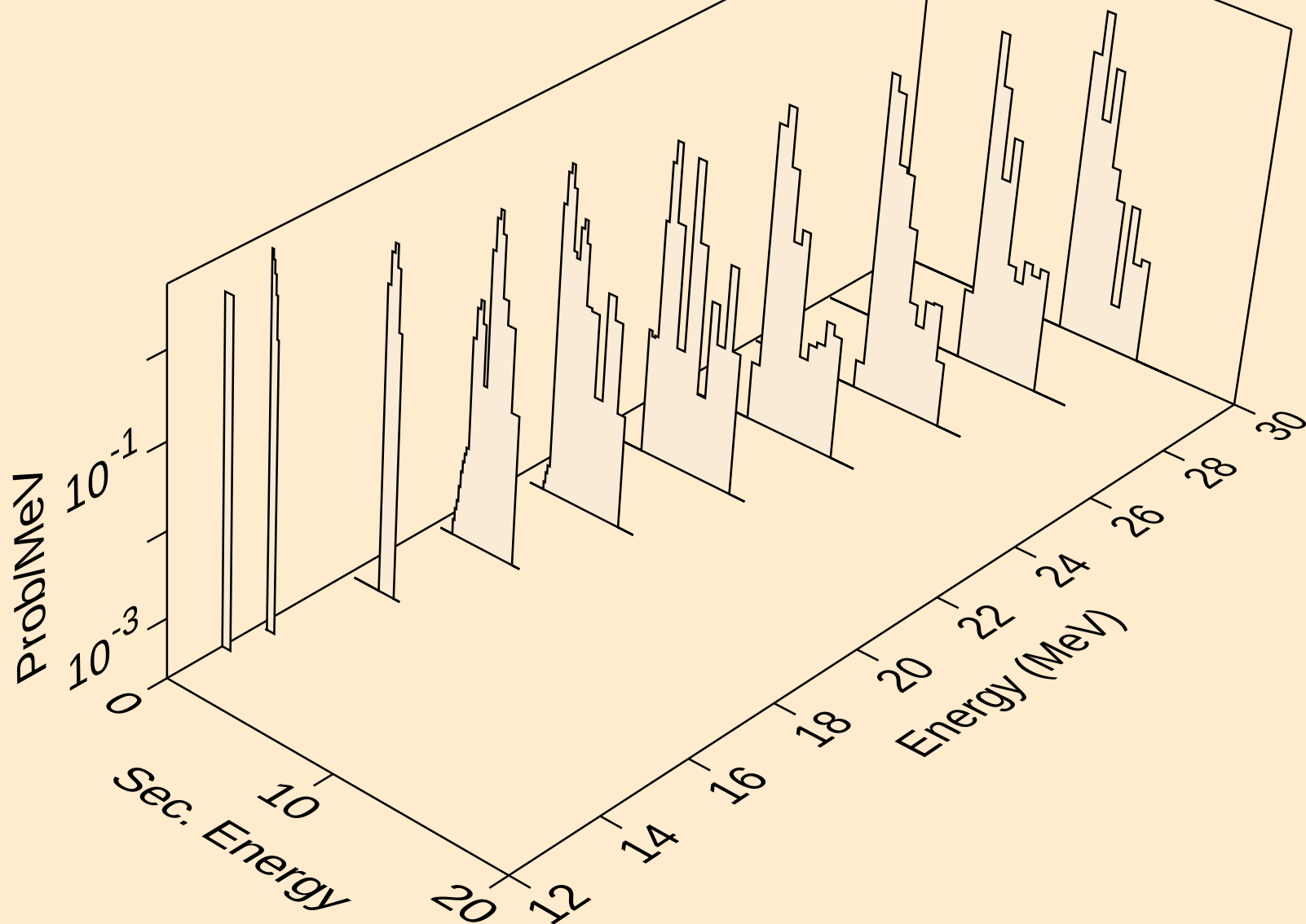
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,da)



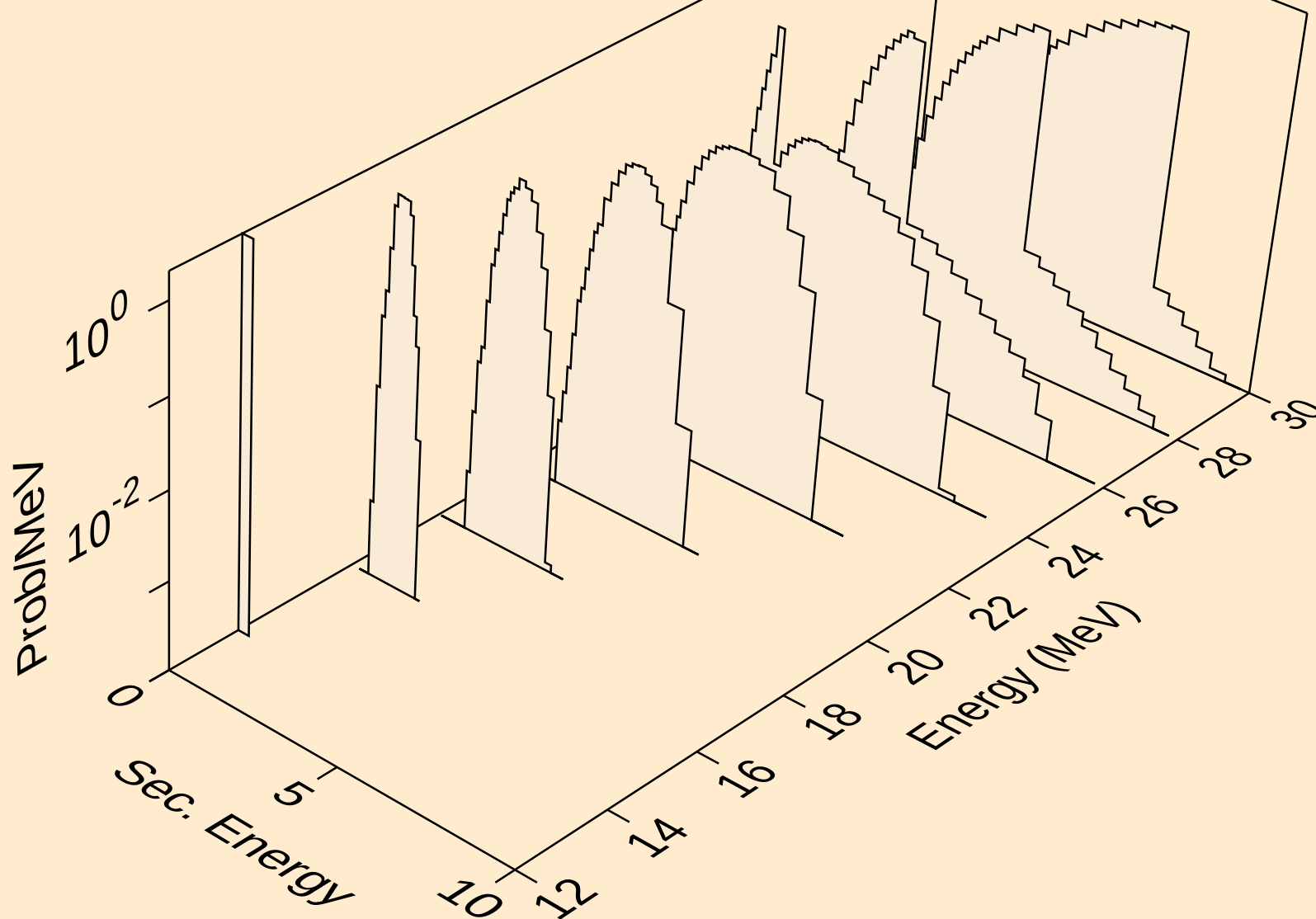
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,x)



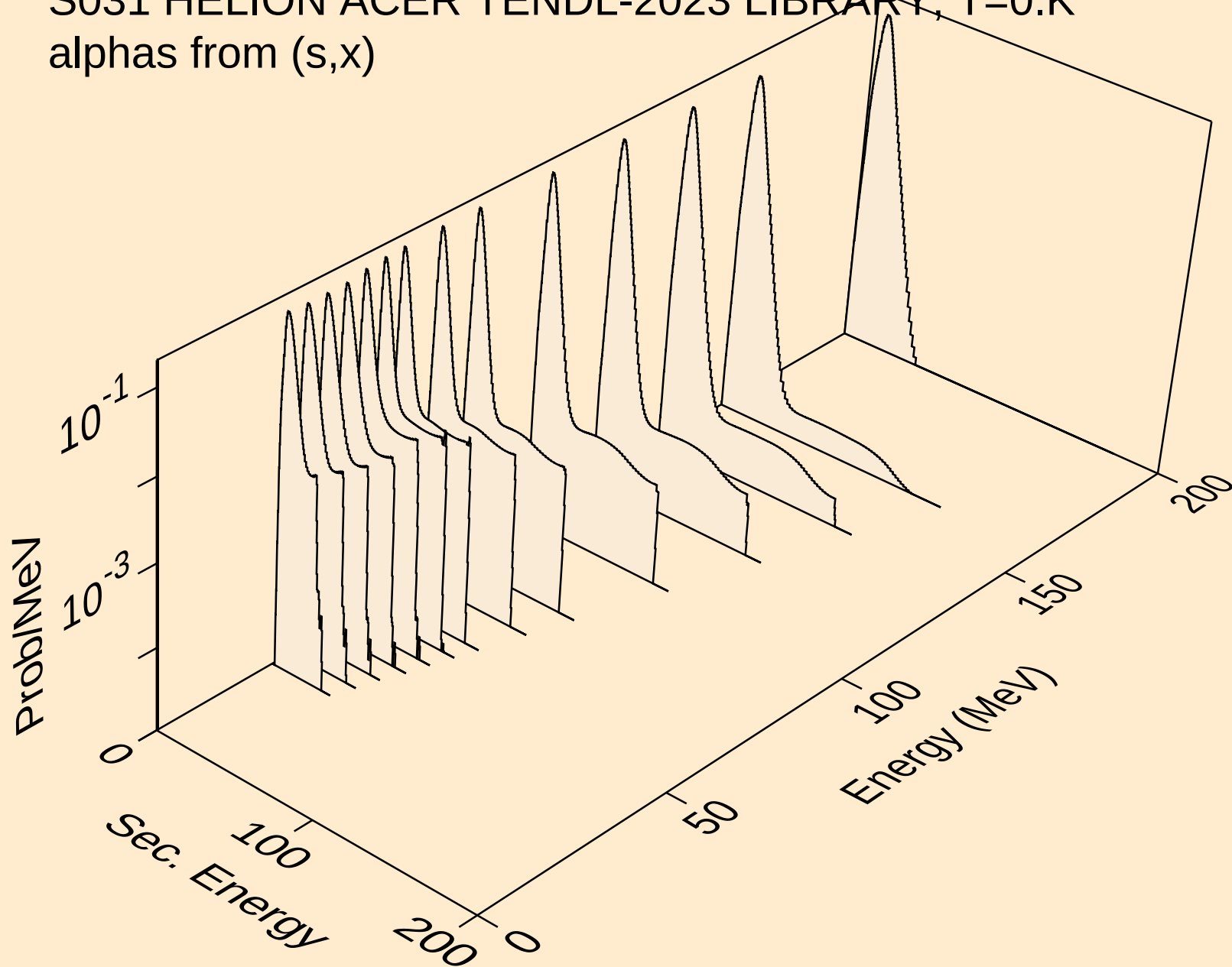
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,t)



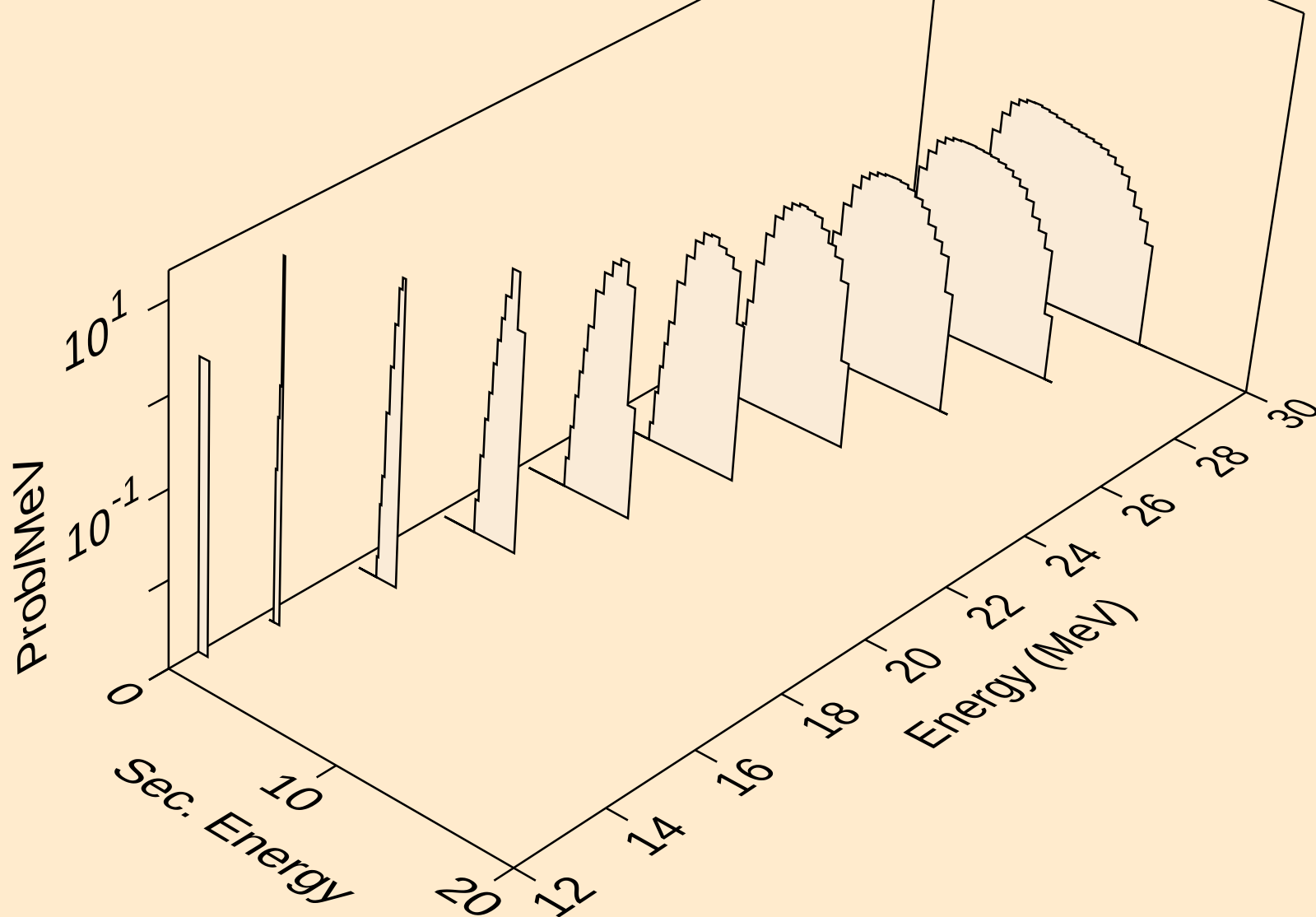
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,pt)



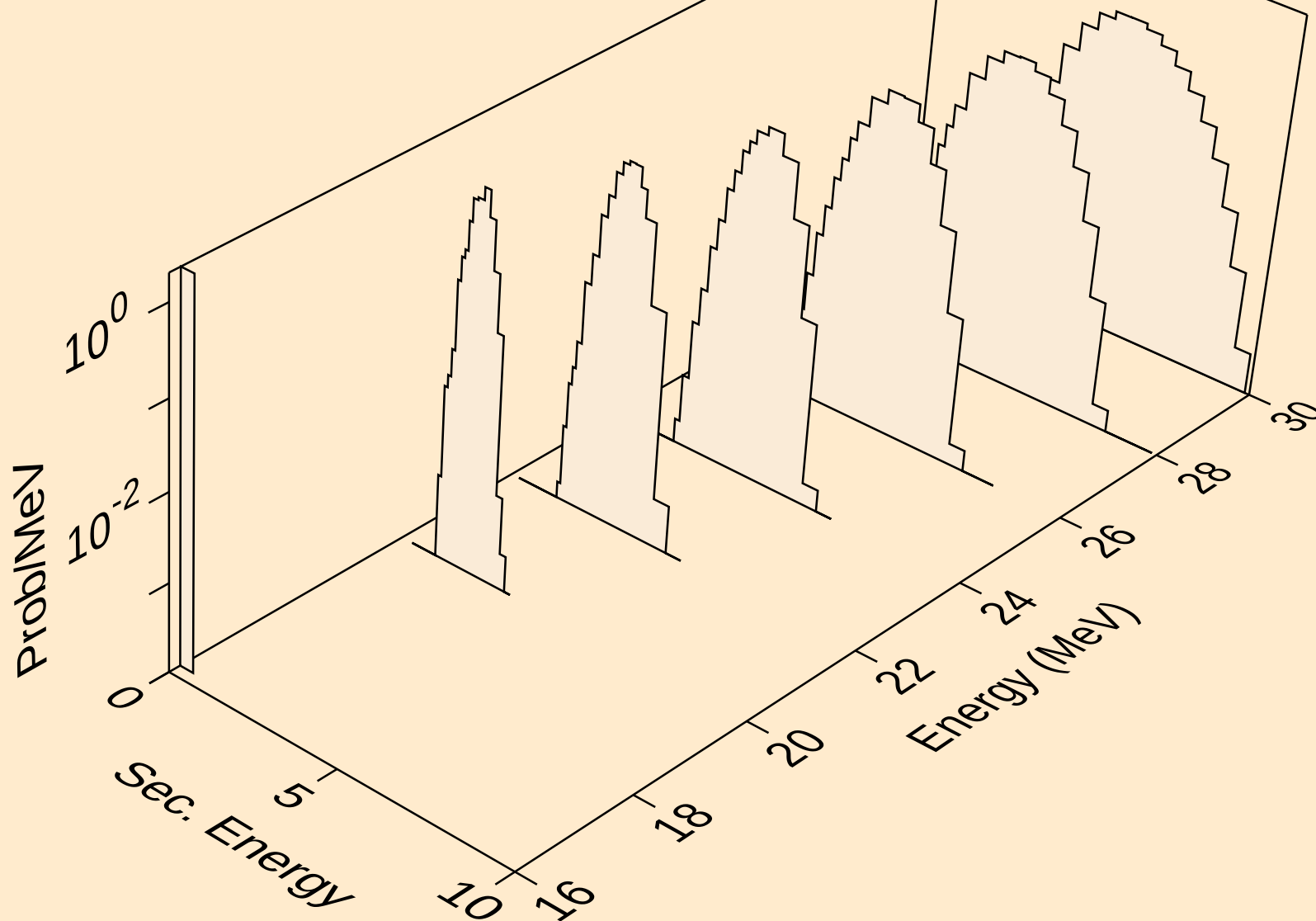
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,x)



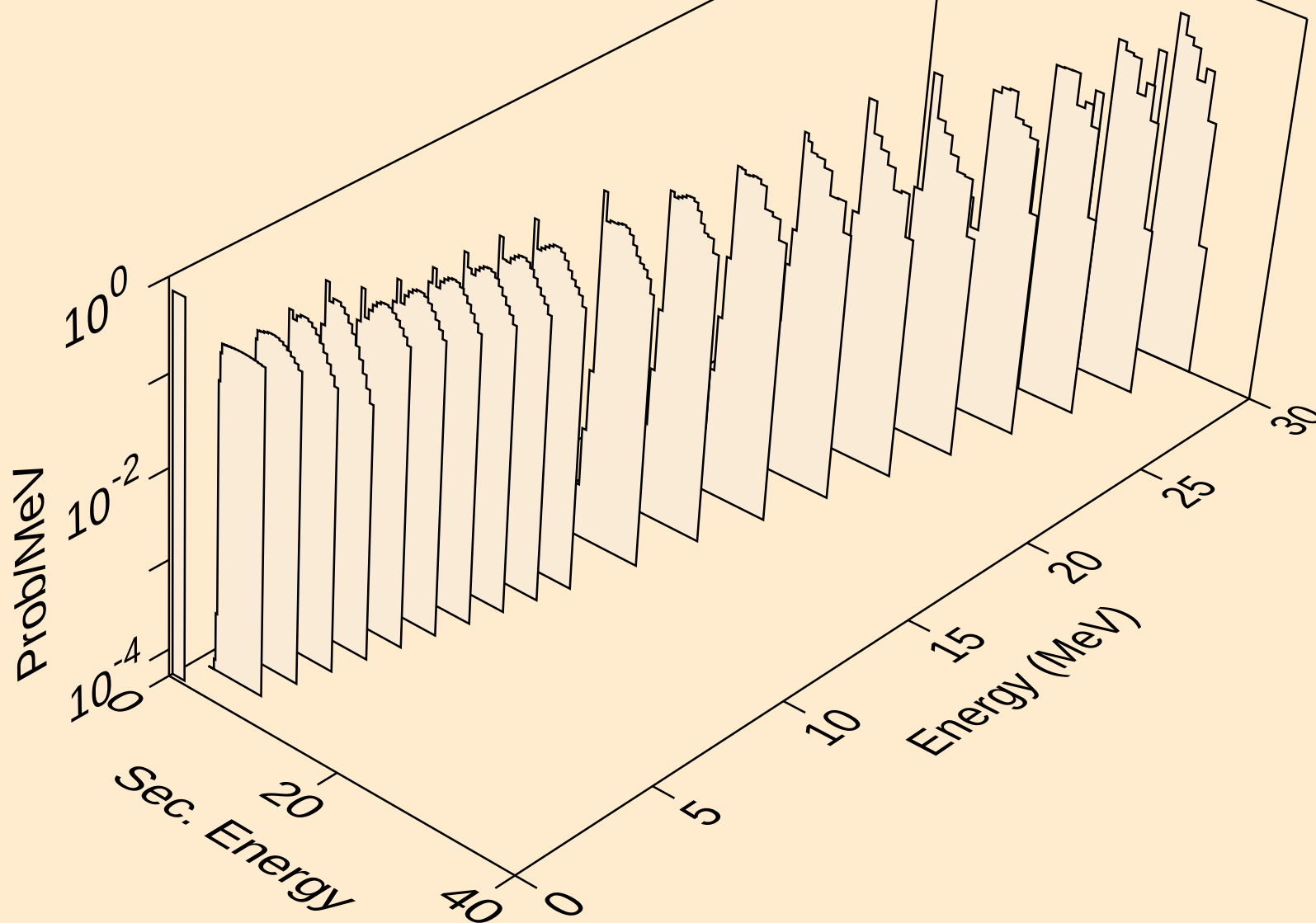
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,n*)a



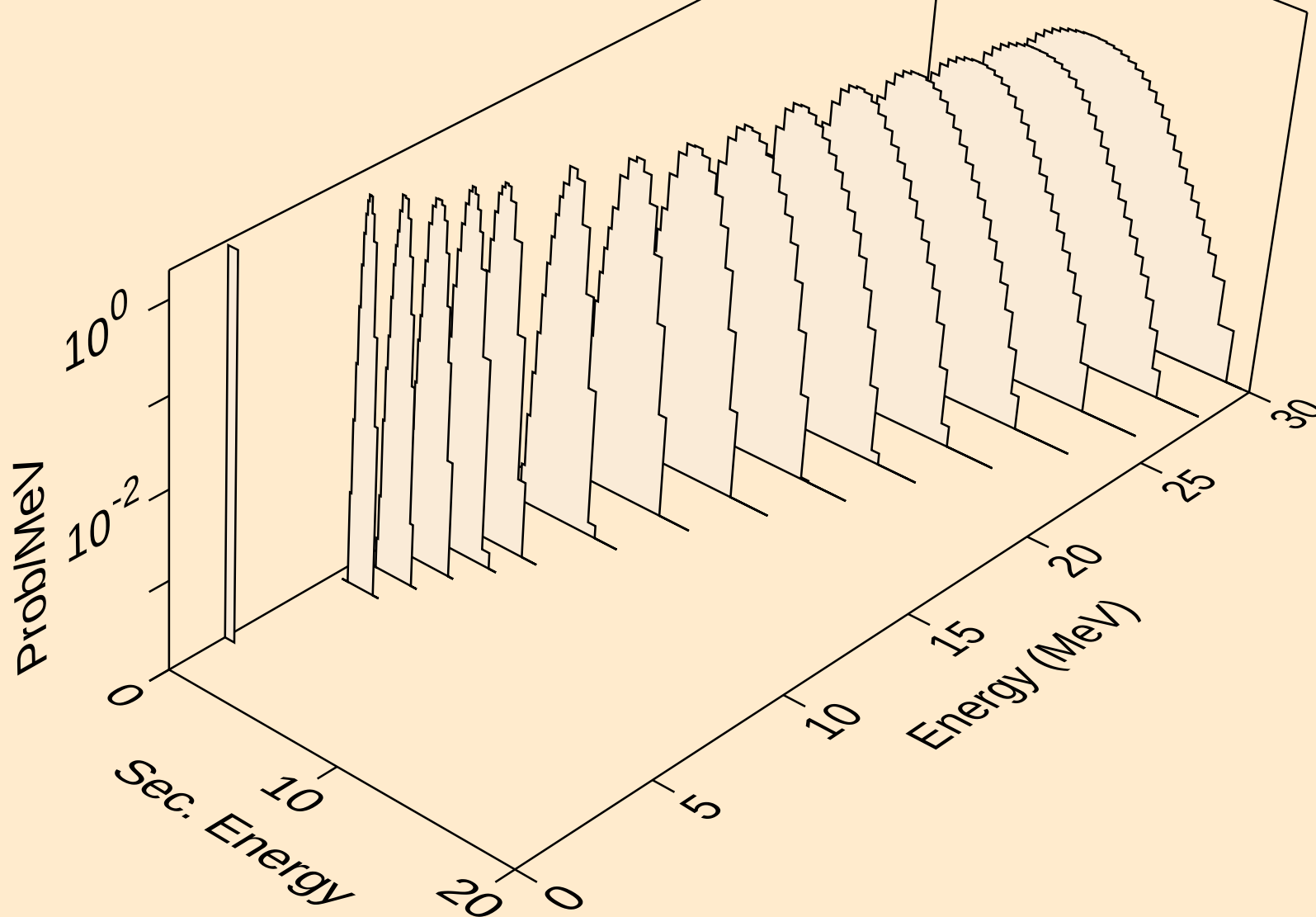
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,npa)



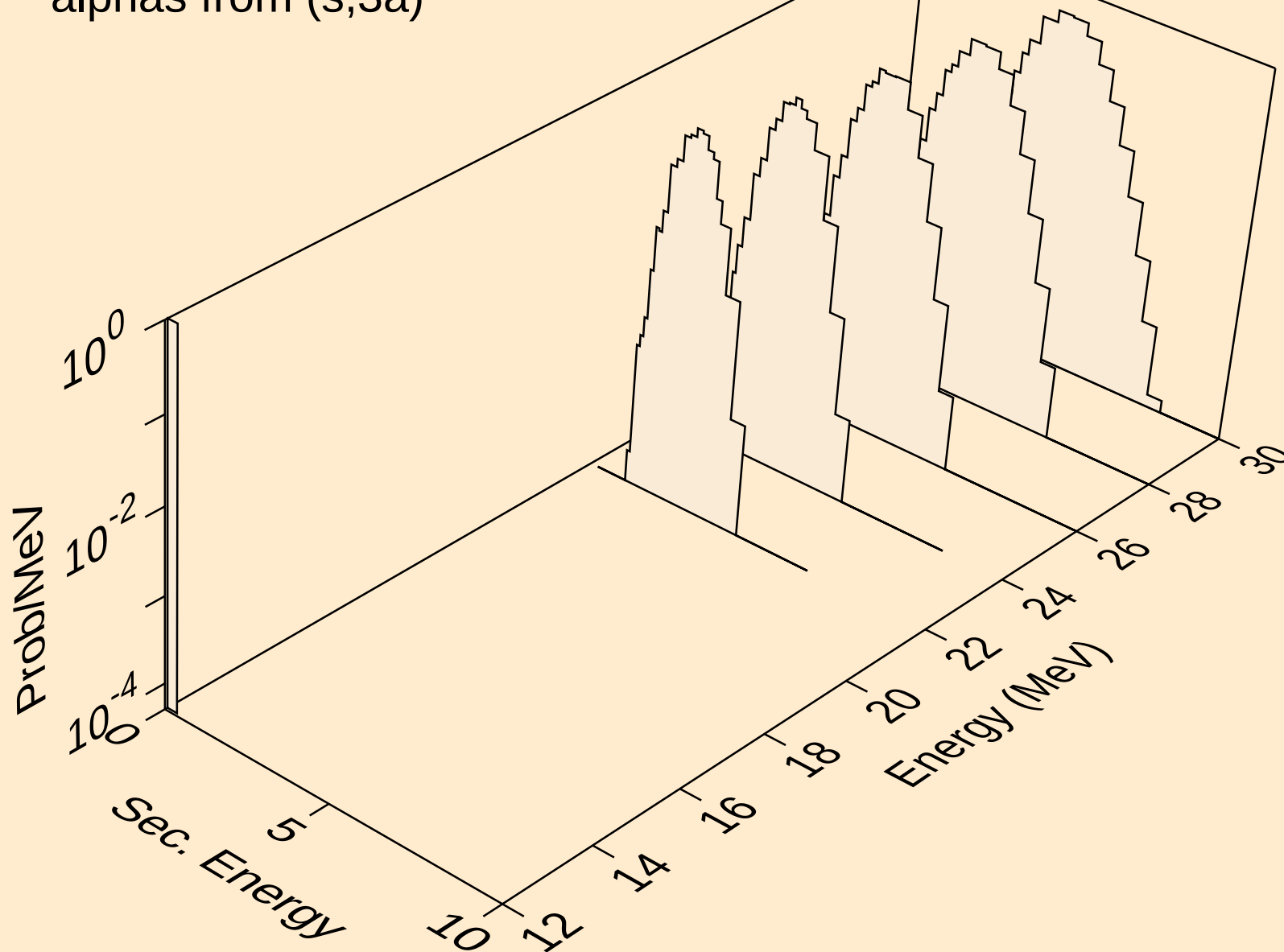
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,a)



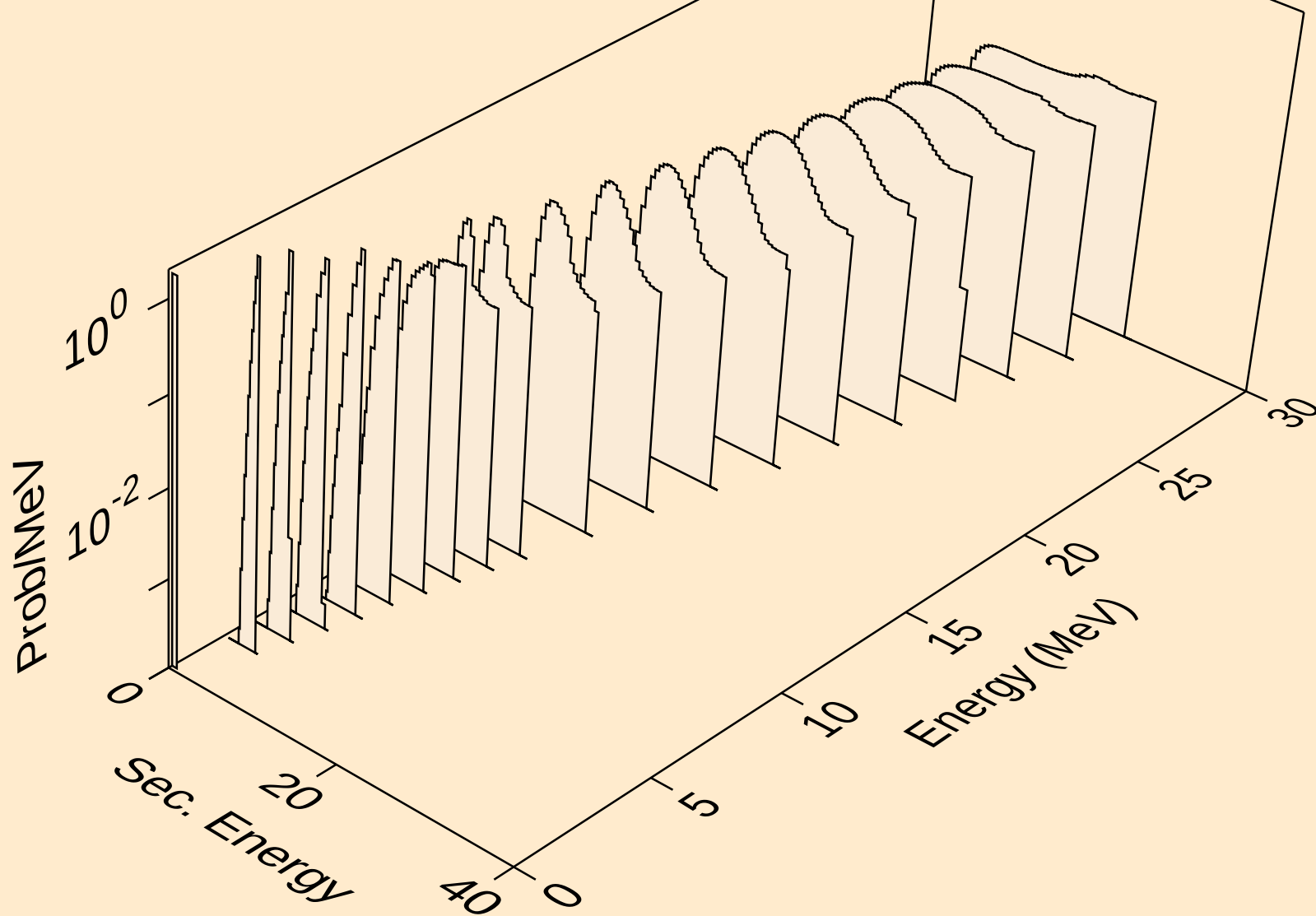
S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,2a)



S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,3a)



S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,pa)



S031 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,da)

