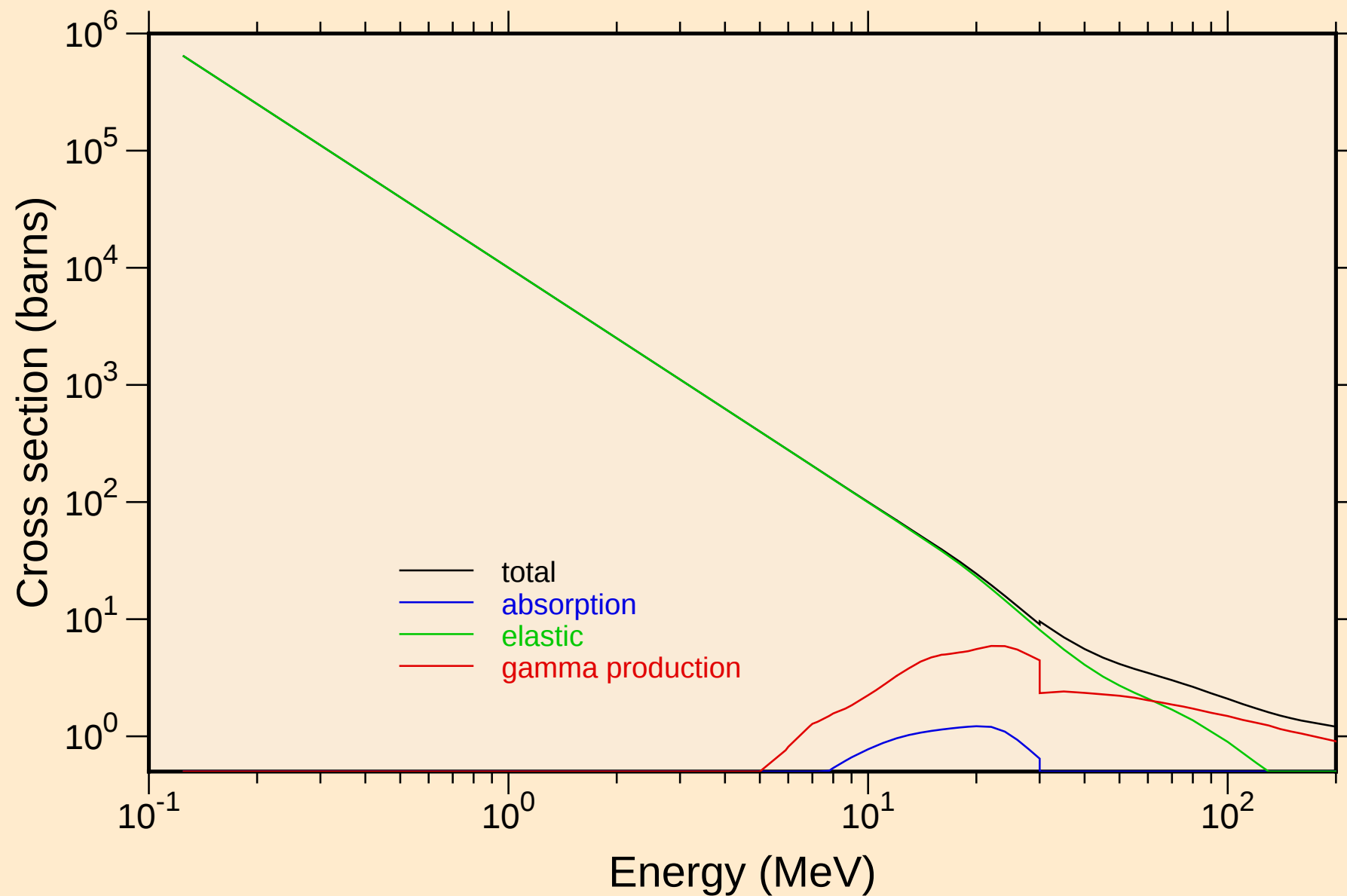


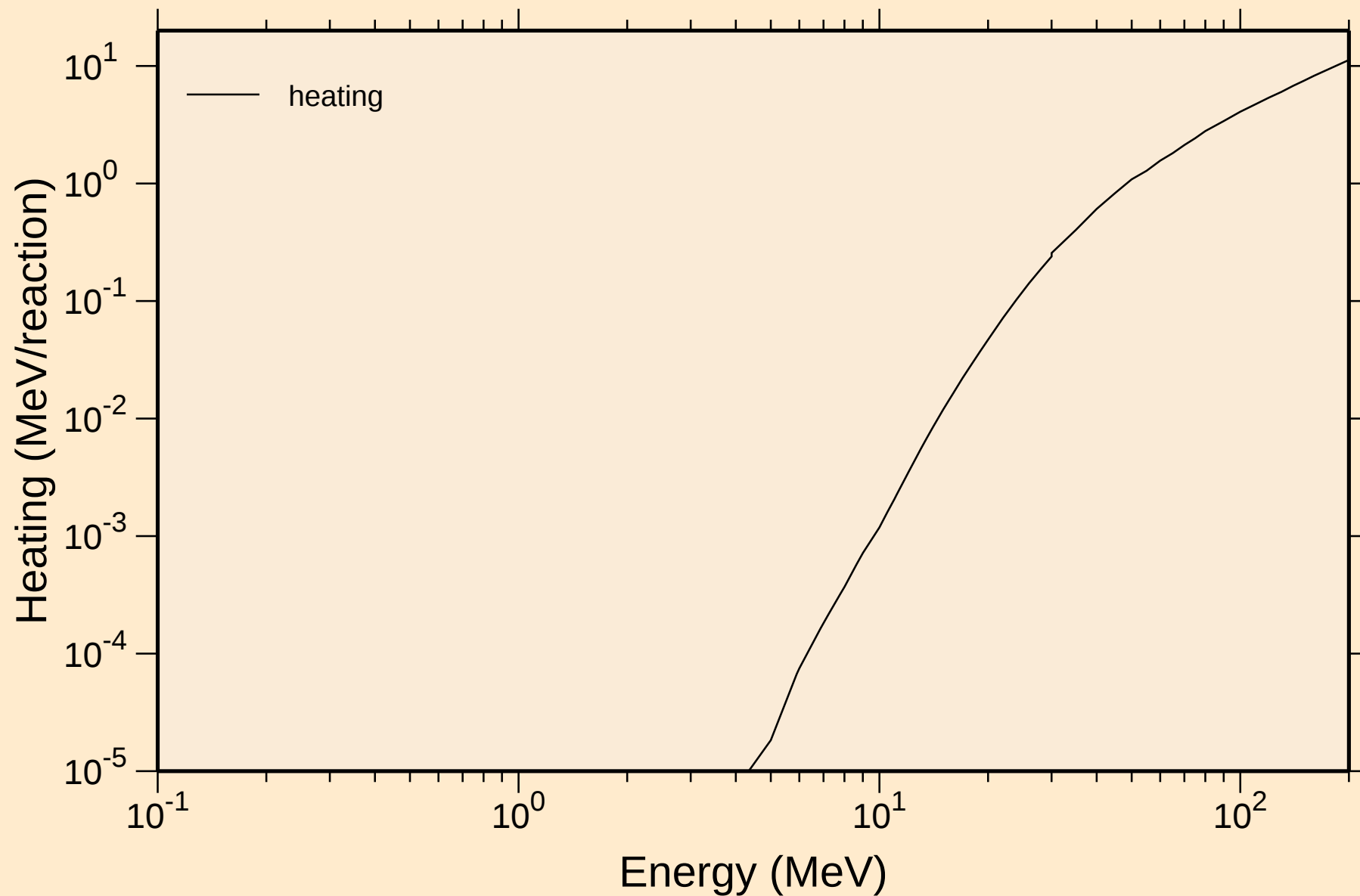
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



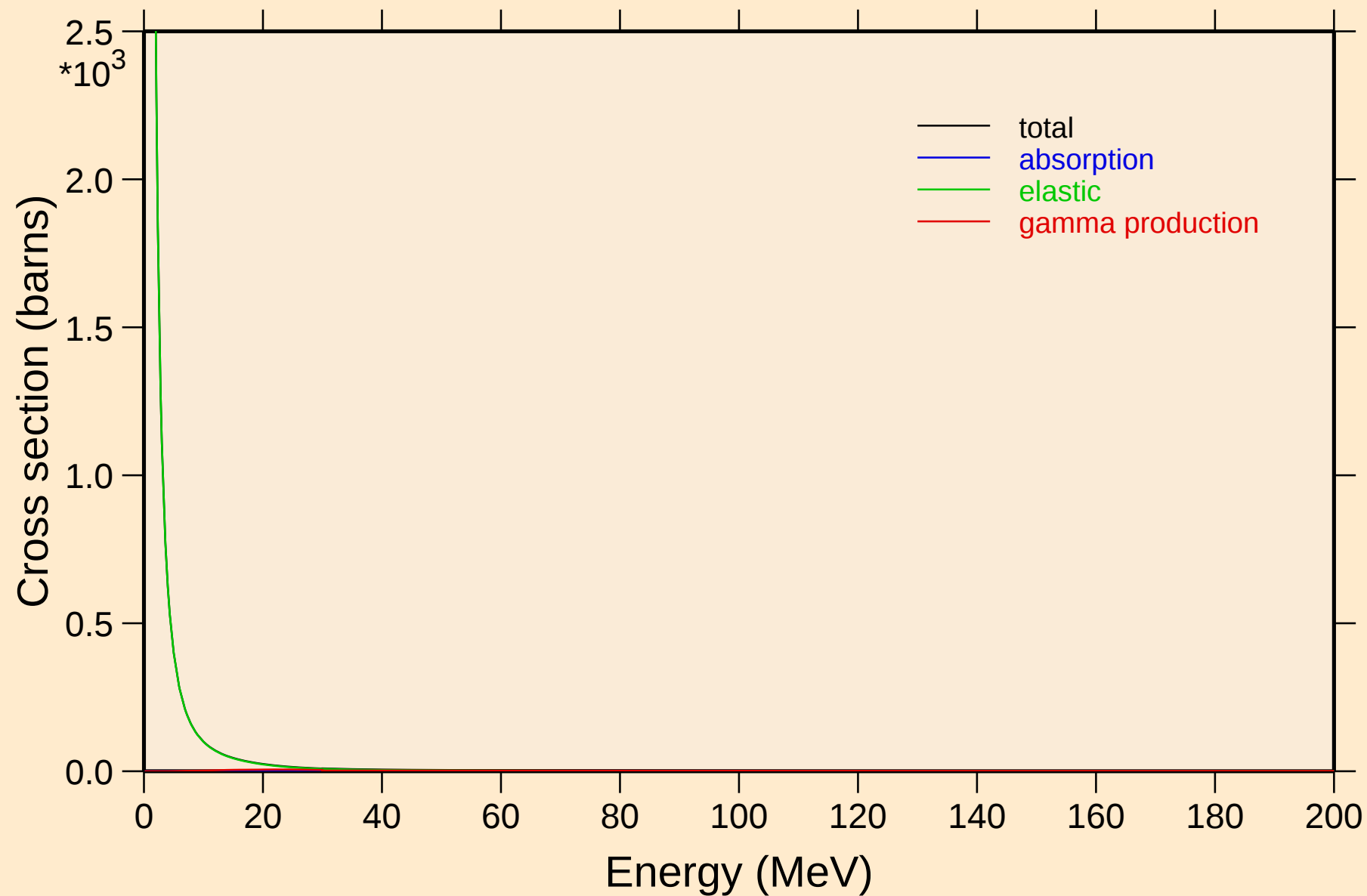
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



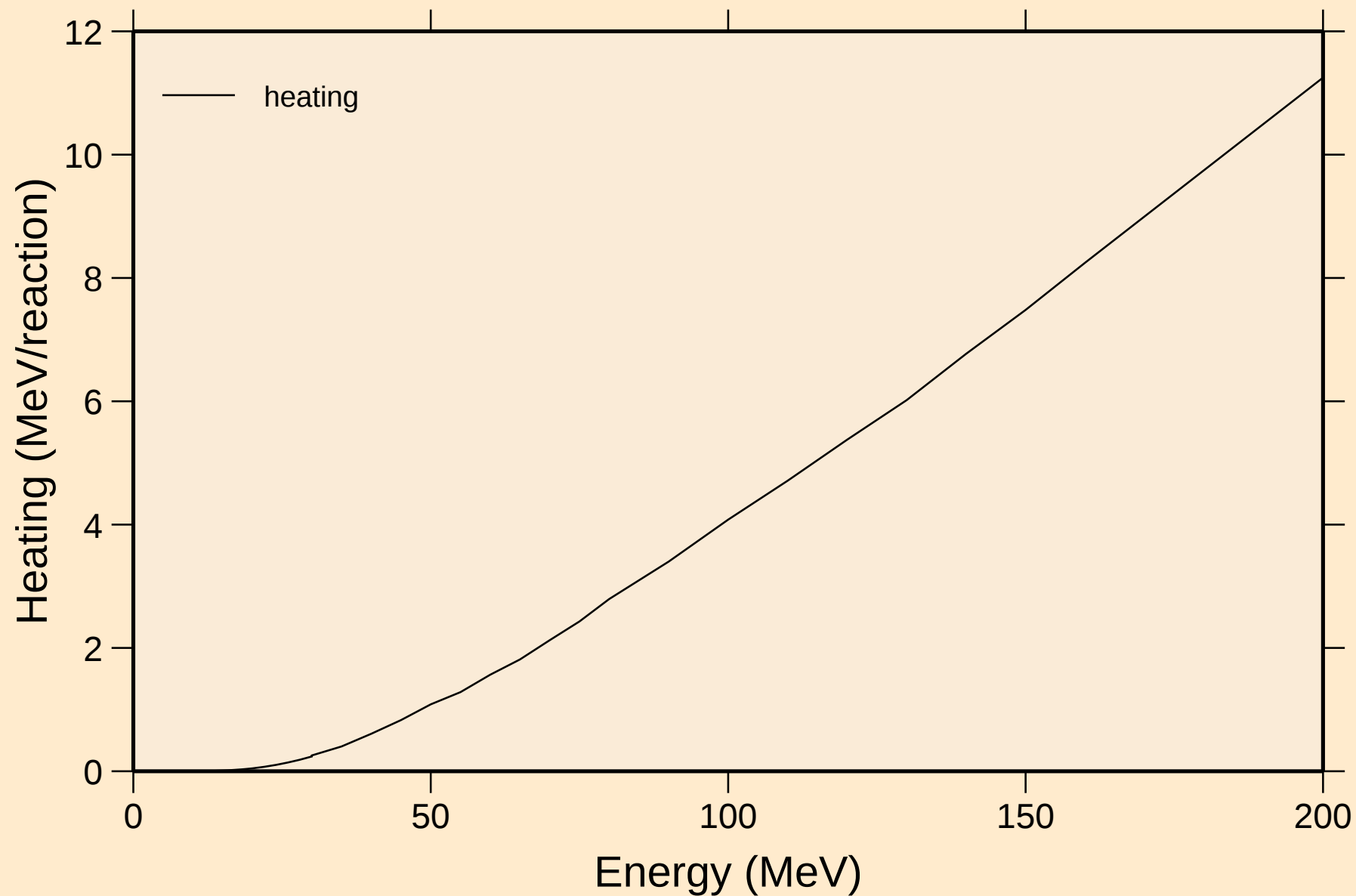
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



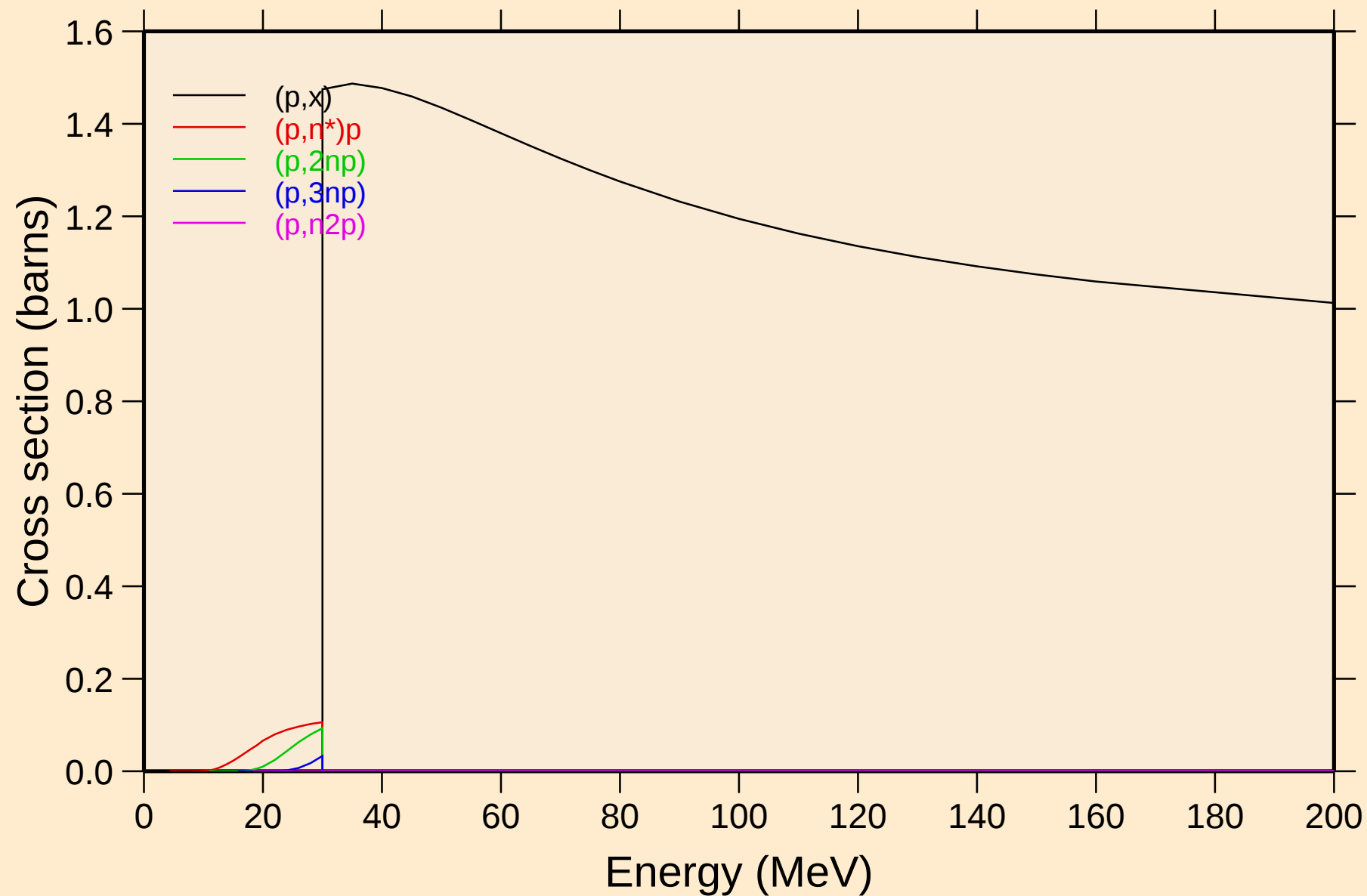
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



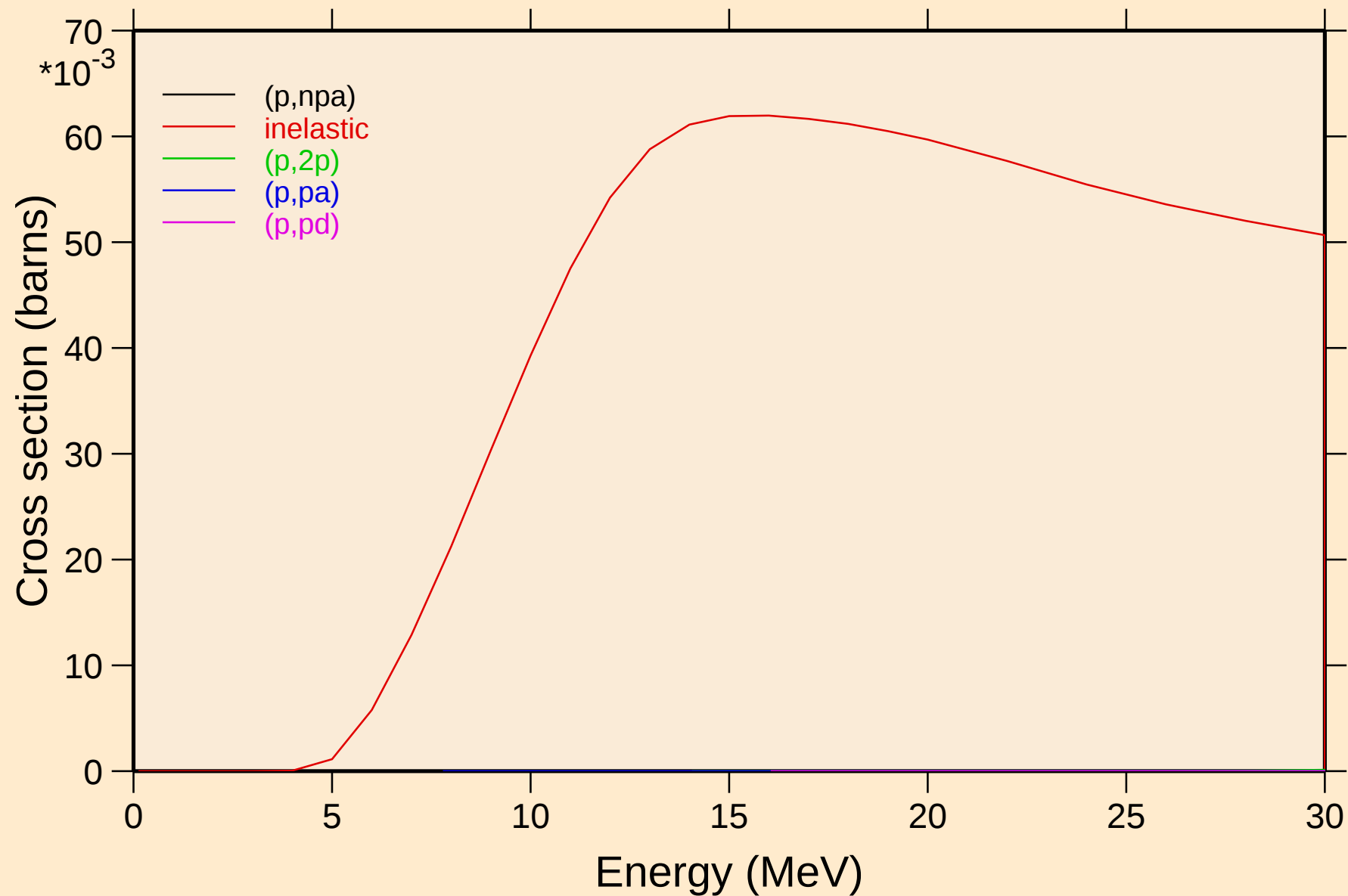
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Threshold reactions



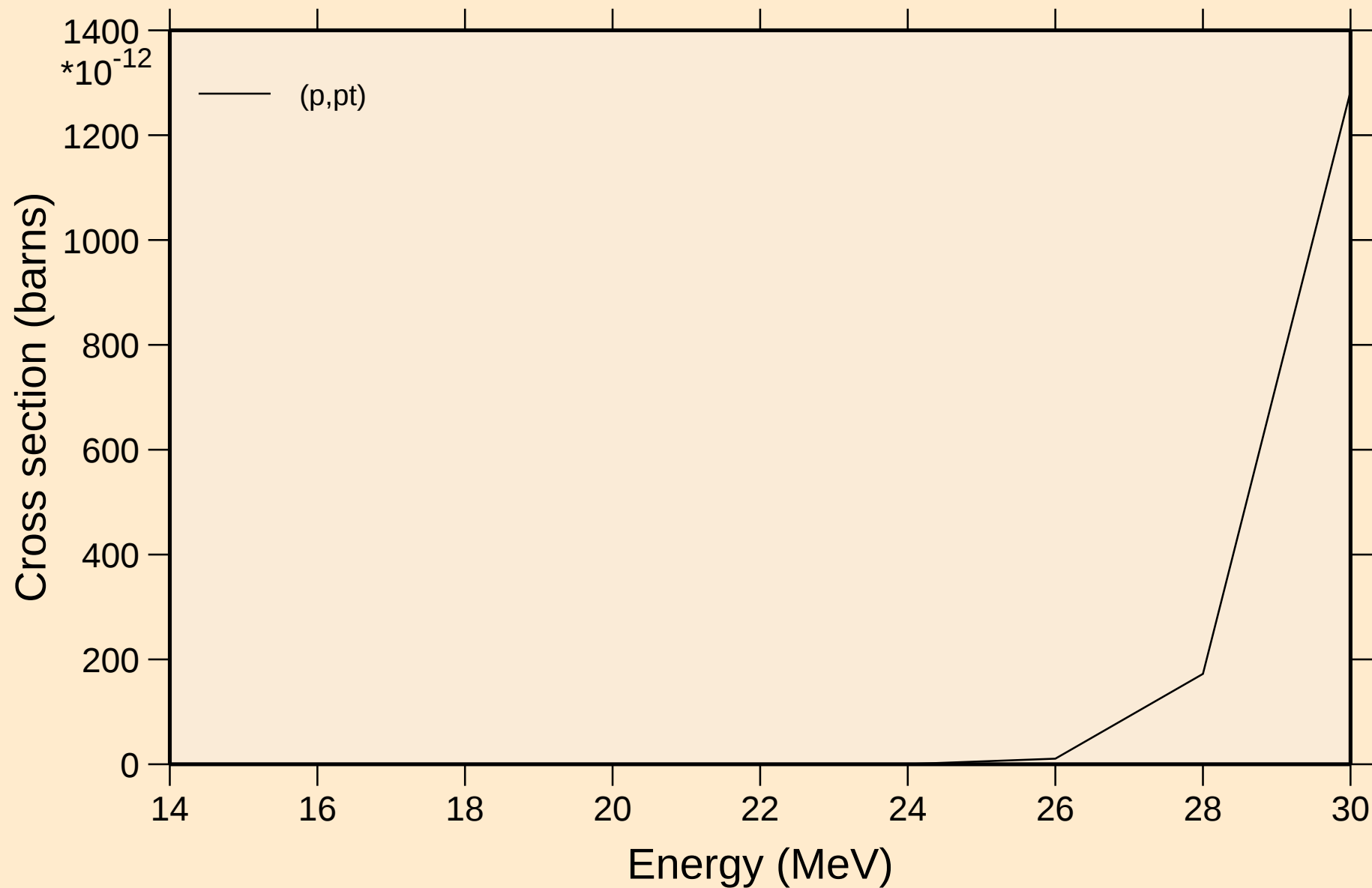
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Threshold reactions

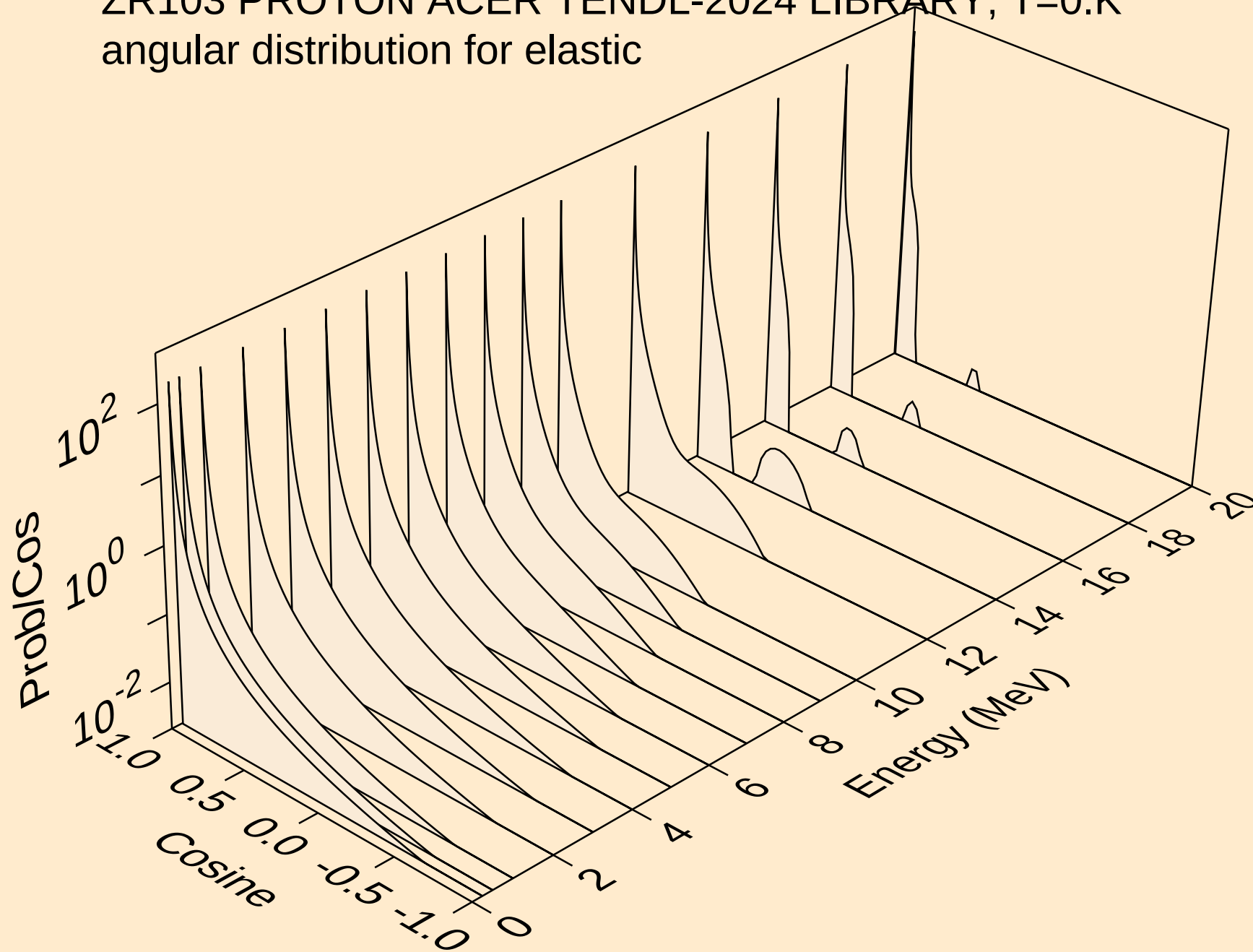


ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K

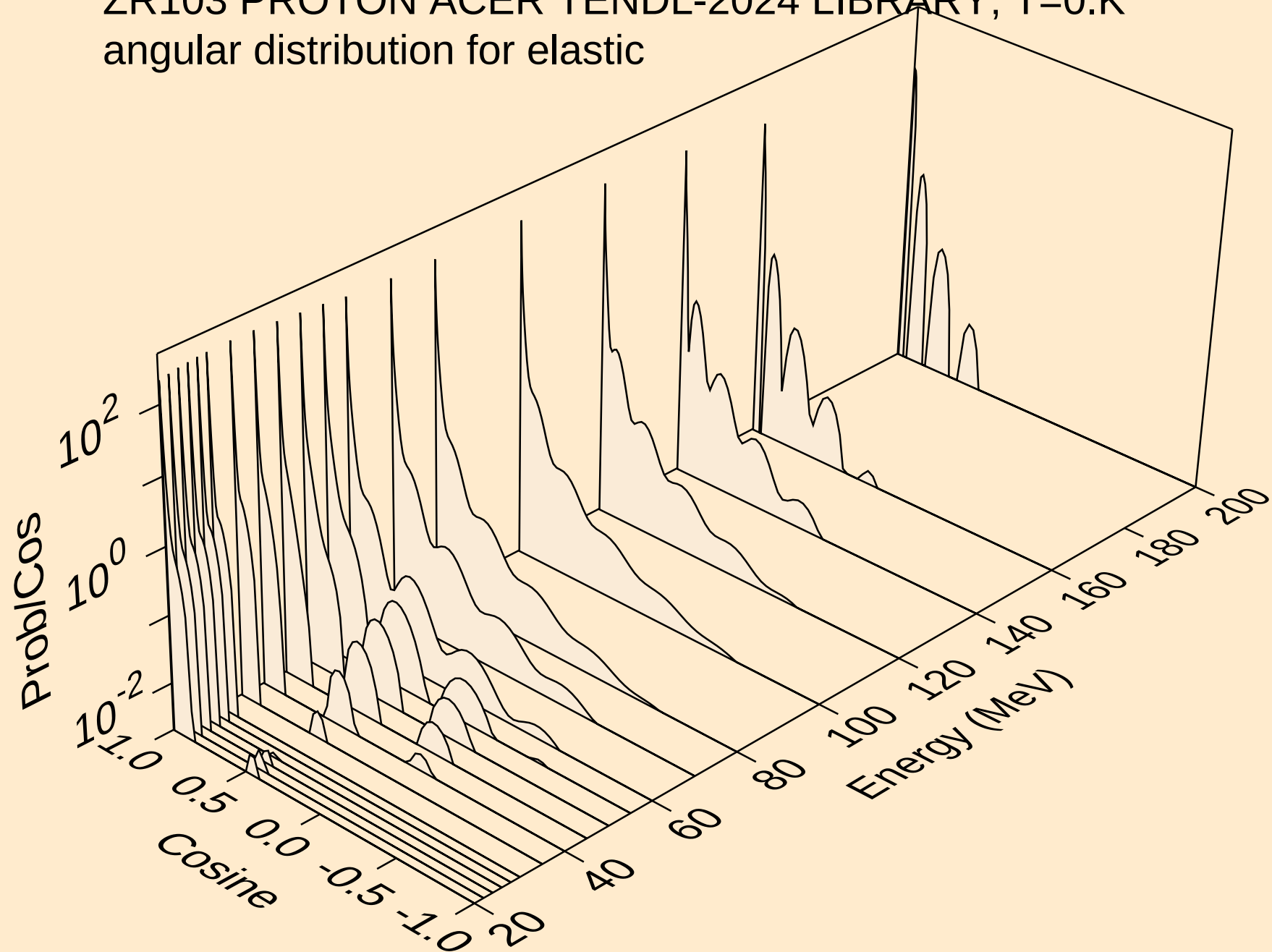
Threshold reactions



ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic

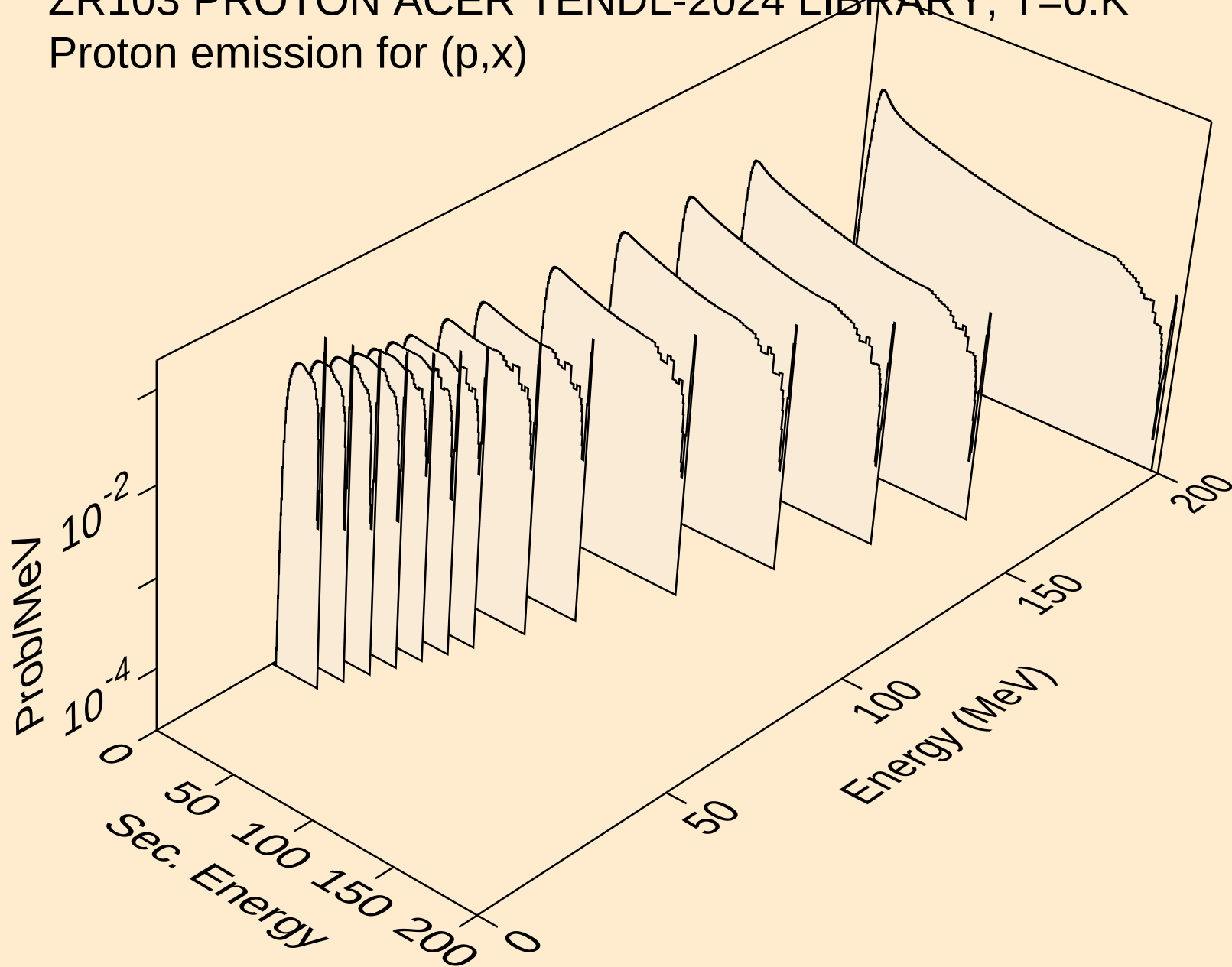


ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
angular distribution for elastic



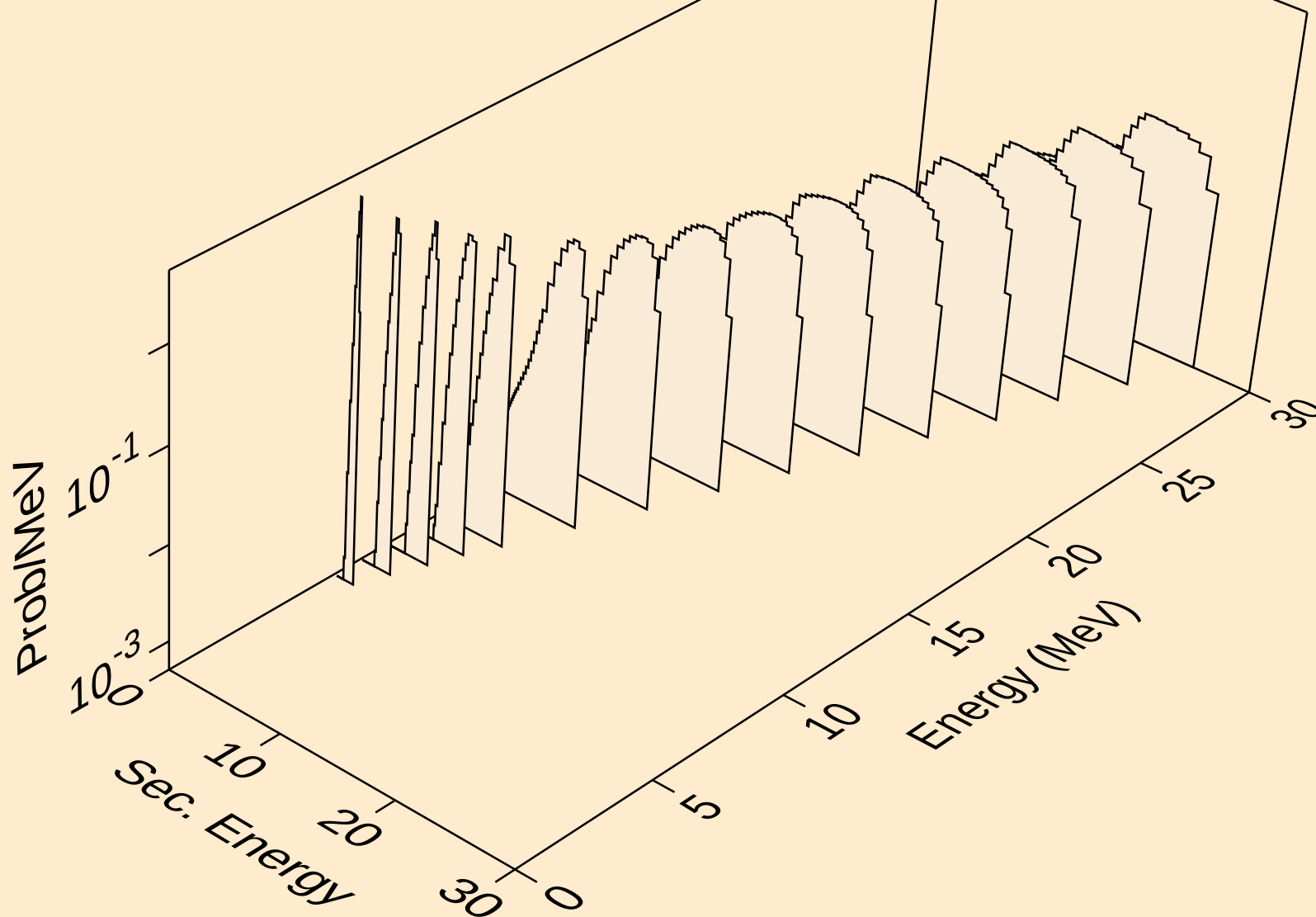
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Proton emission for (p,x)

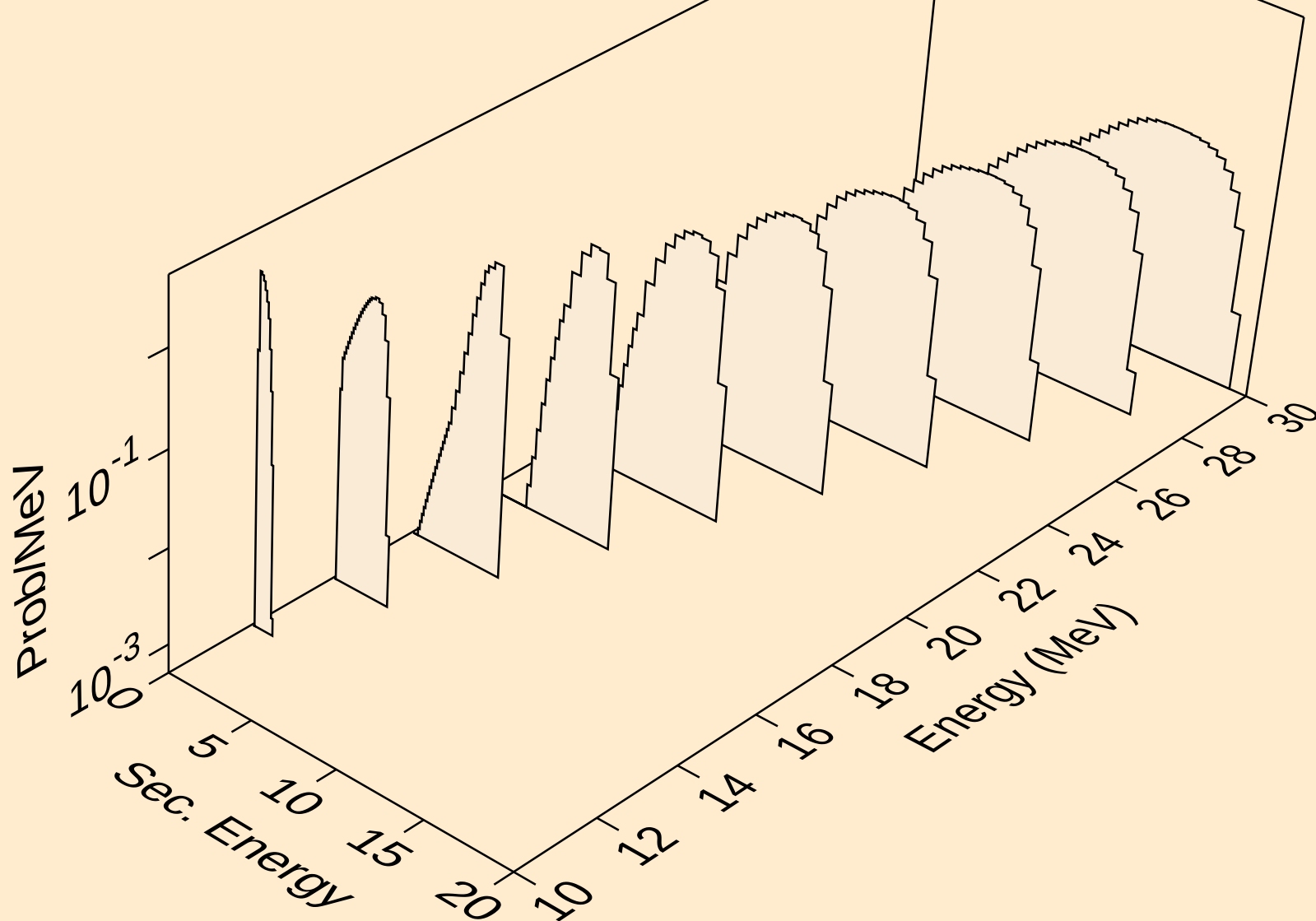


ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K

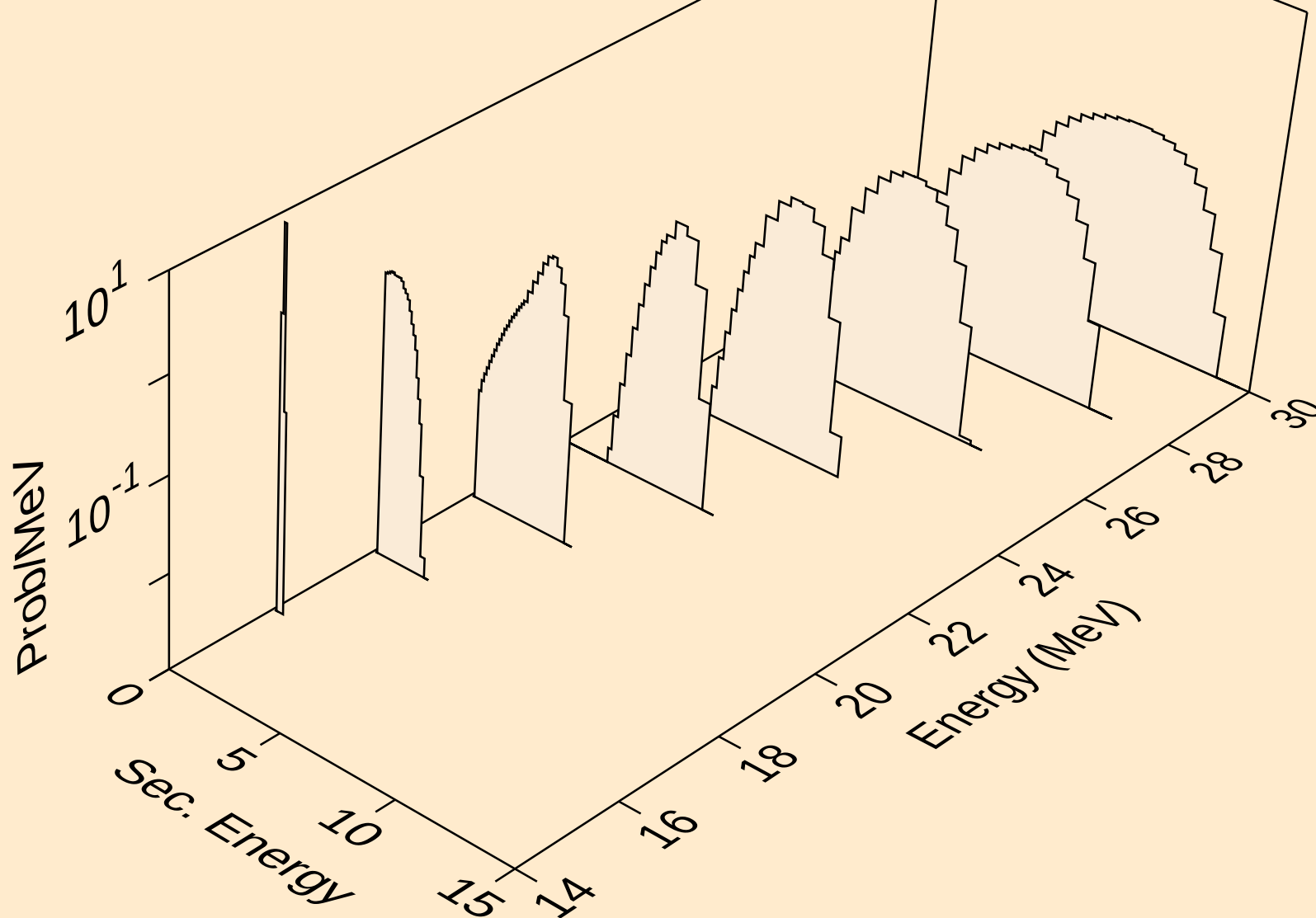
Proton emission for (p,n*)p



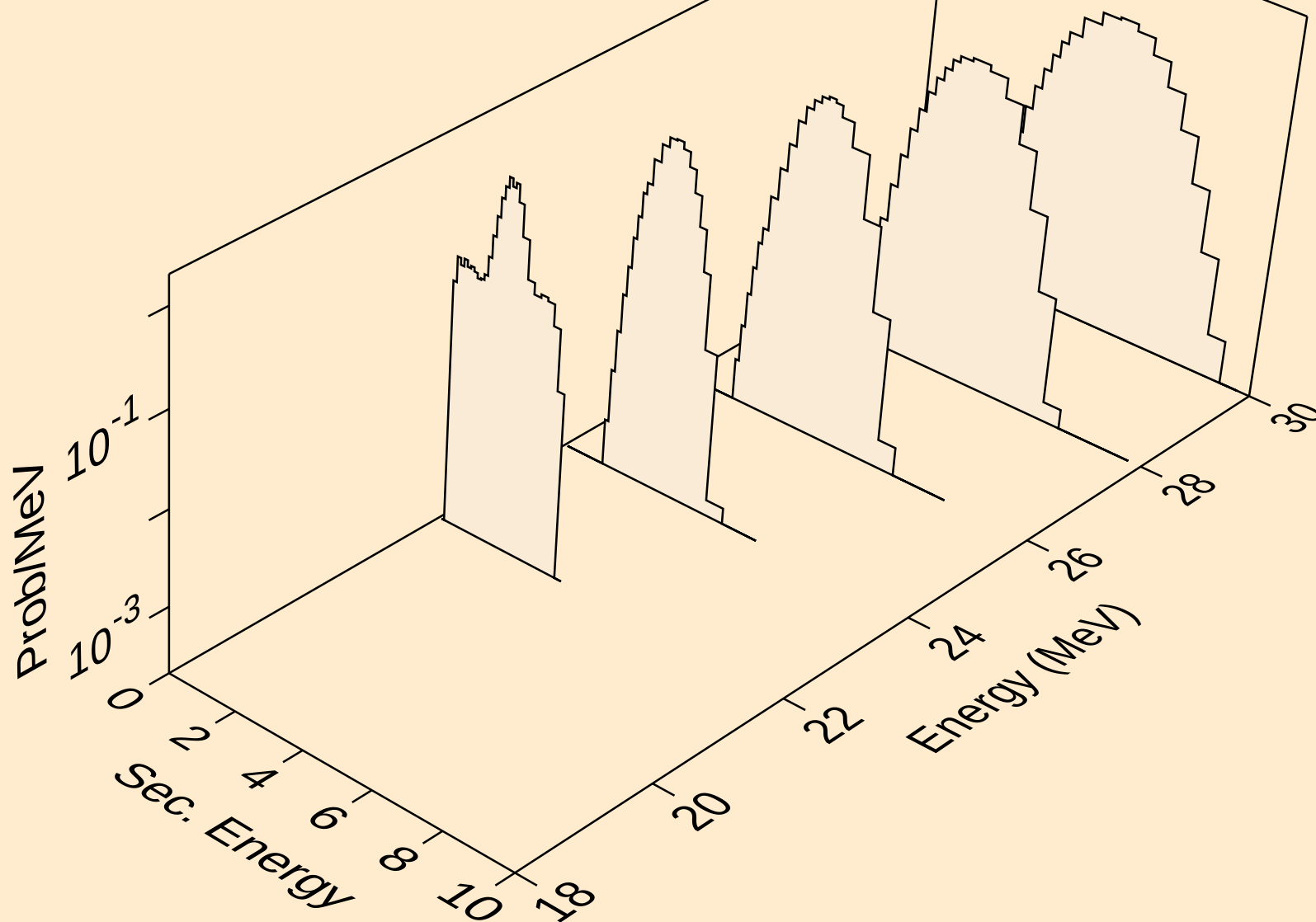
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,2np)



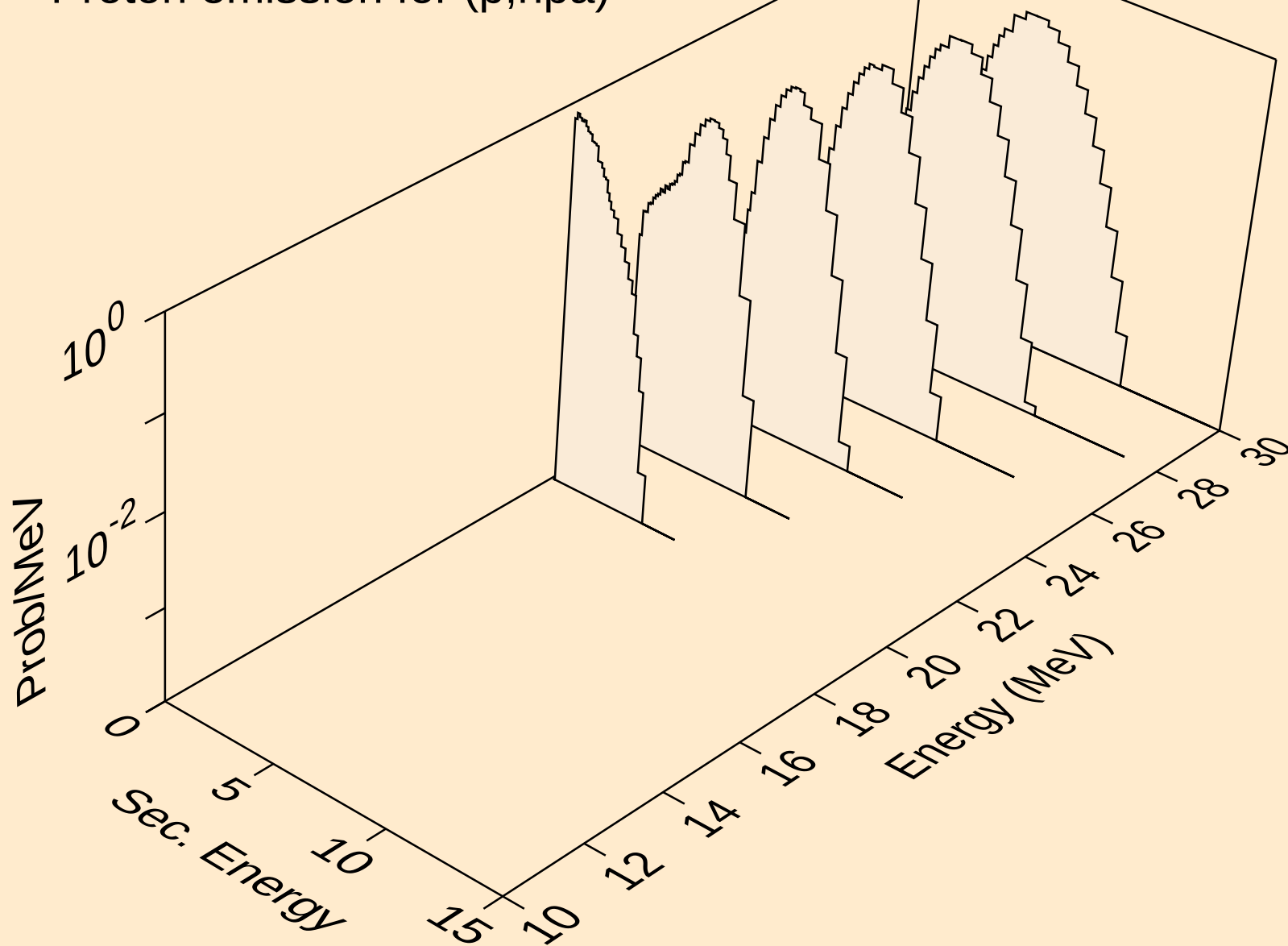
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,3np)



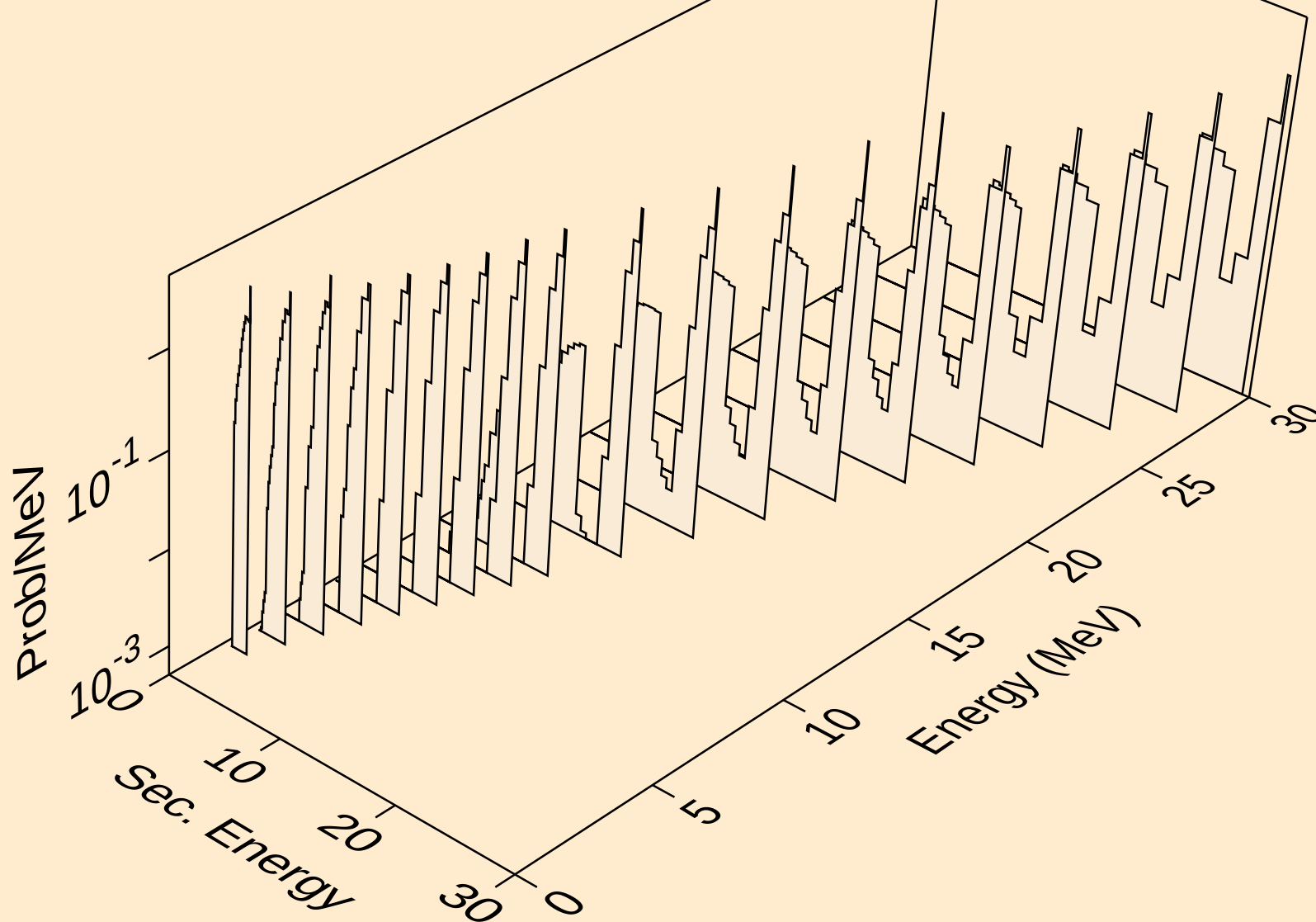
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,n2p)



ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,npa)

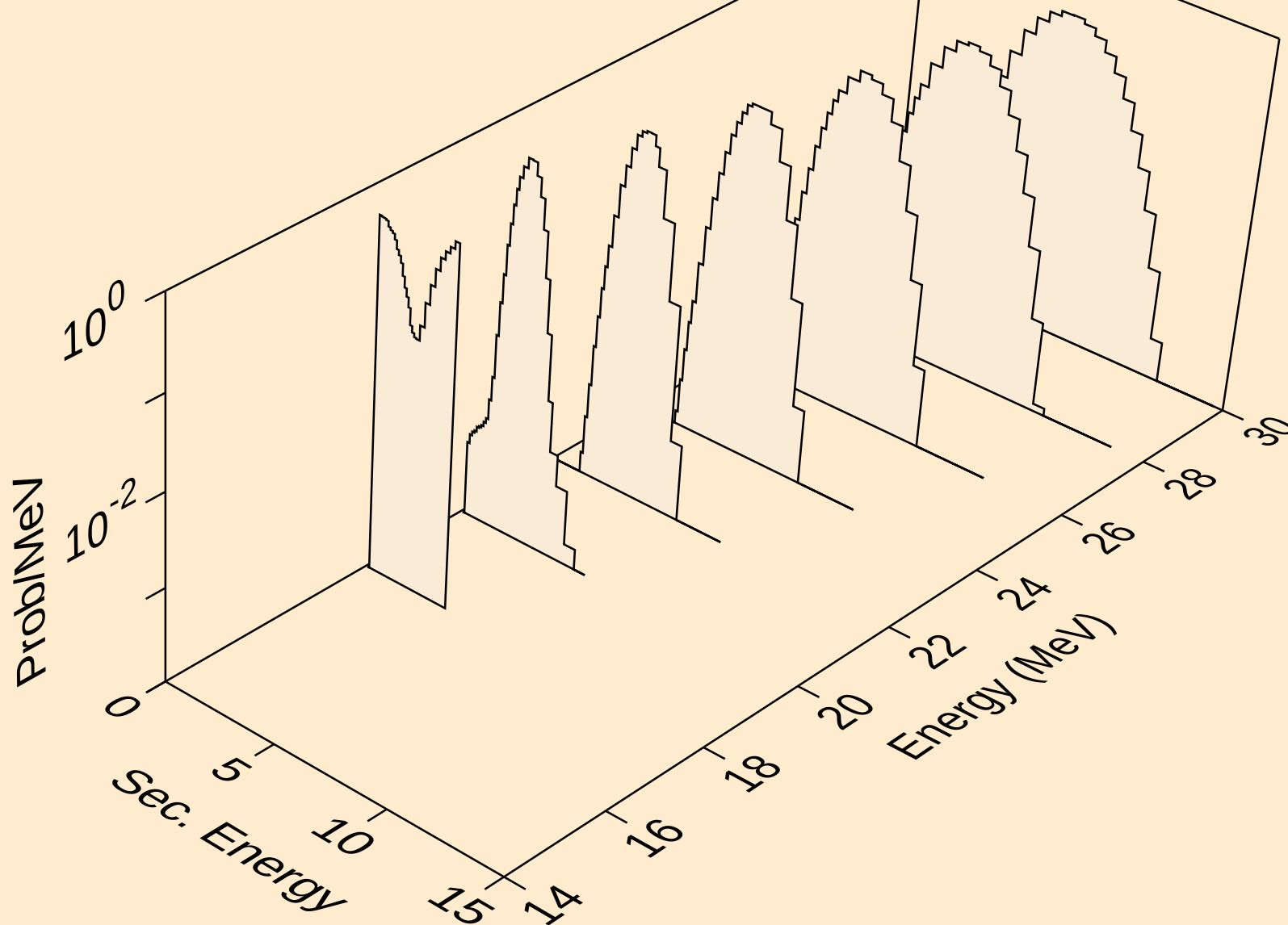


ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for inelastic



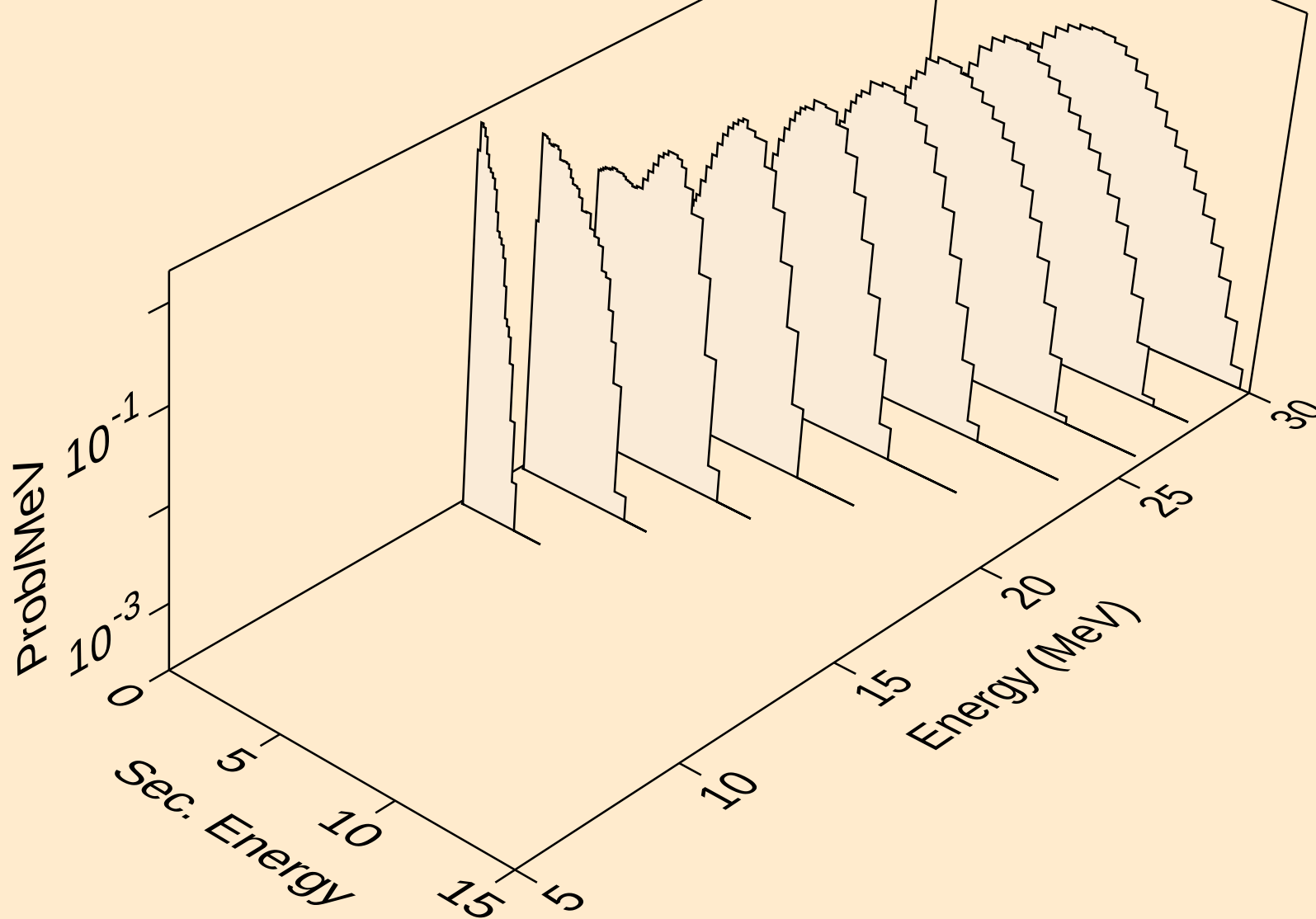
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Proton emission for (p,2p)



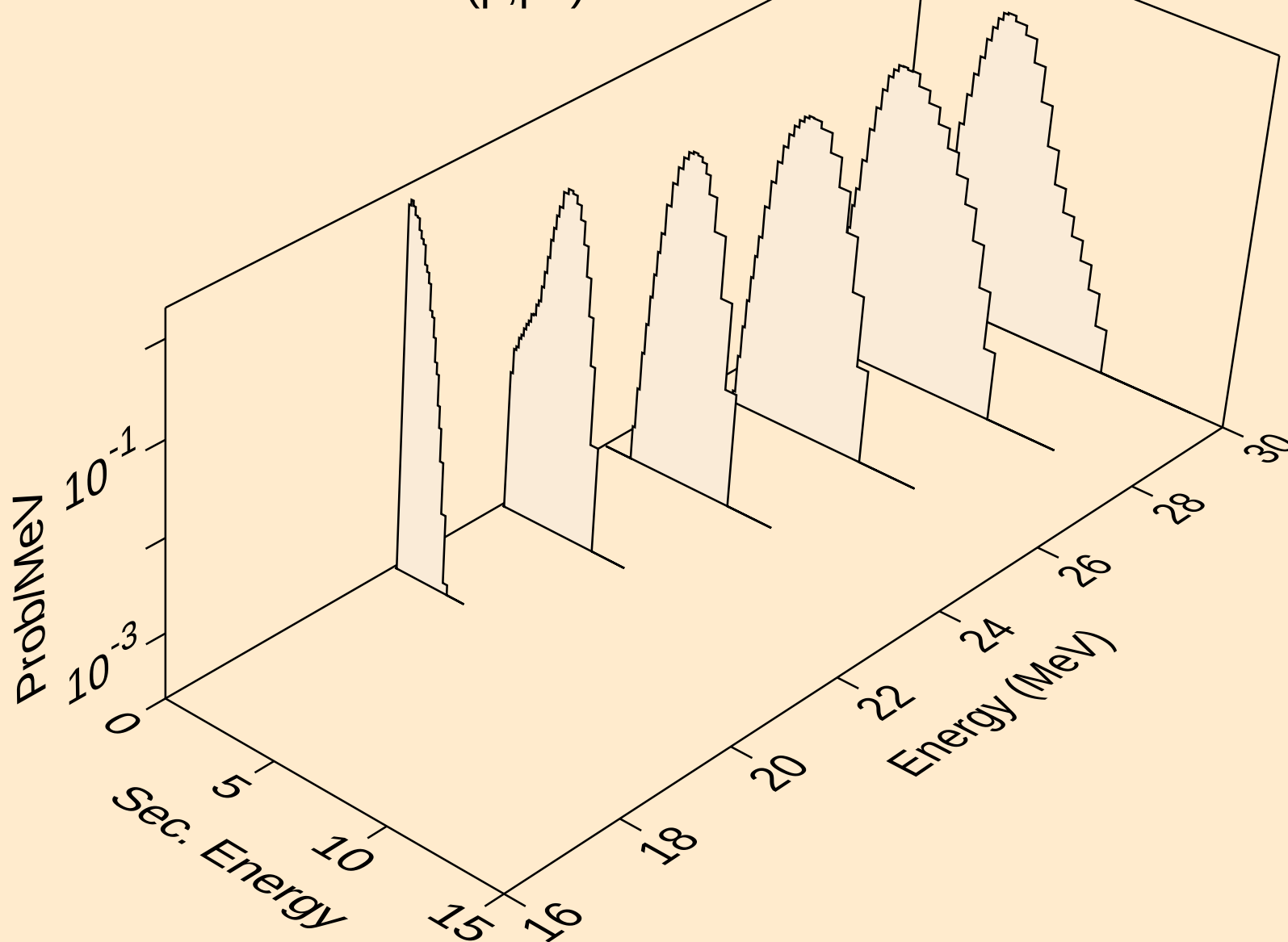
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Proton emission for (p,pa)



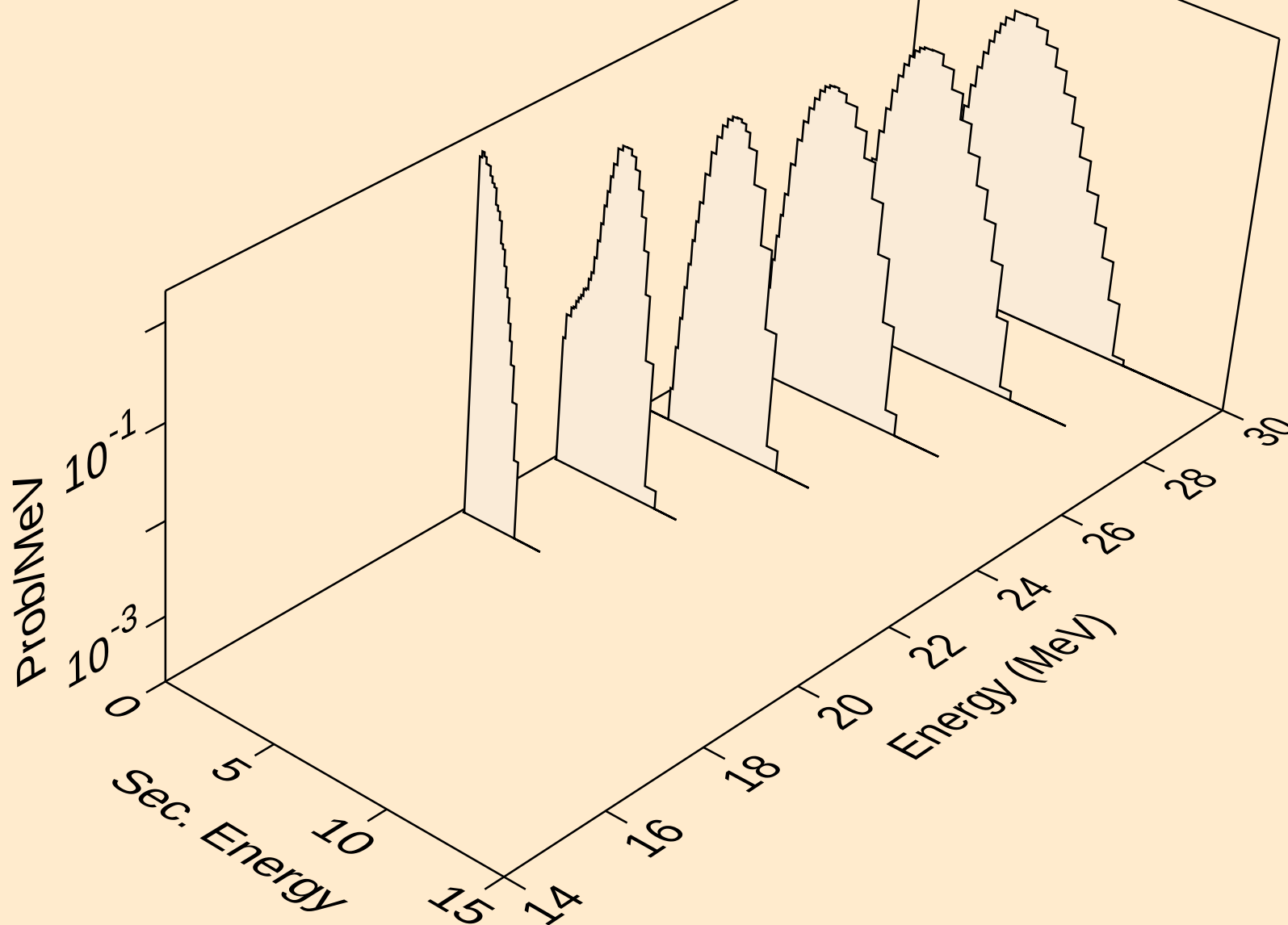
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Proton emission for (p,pd)

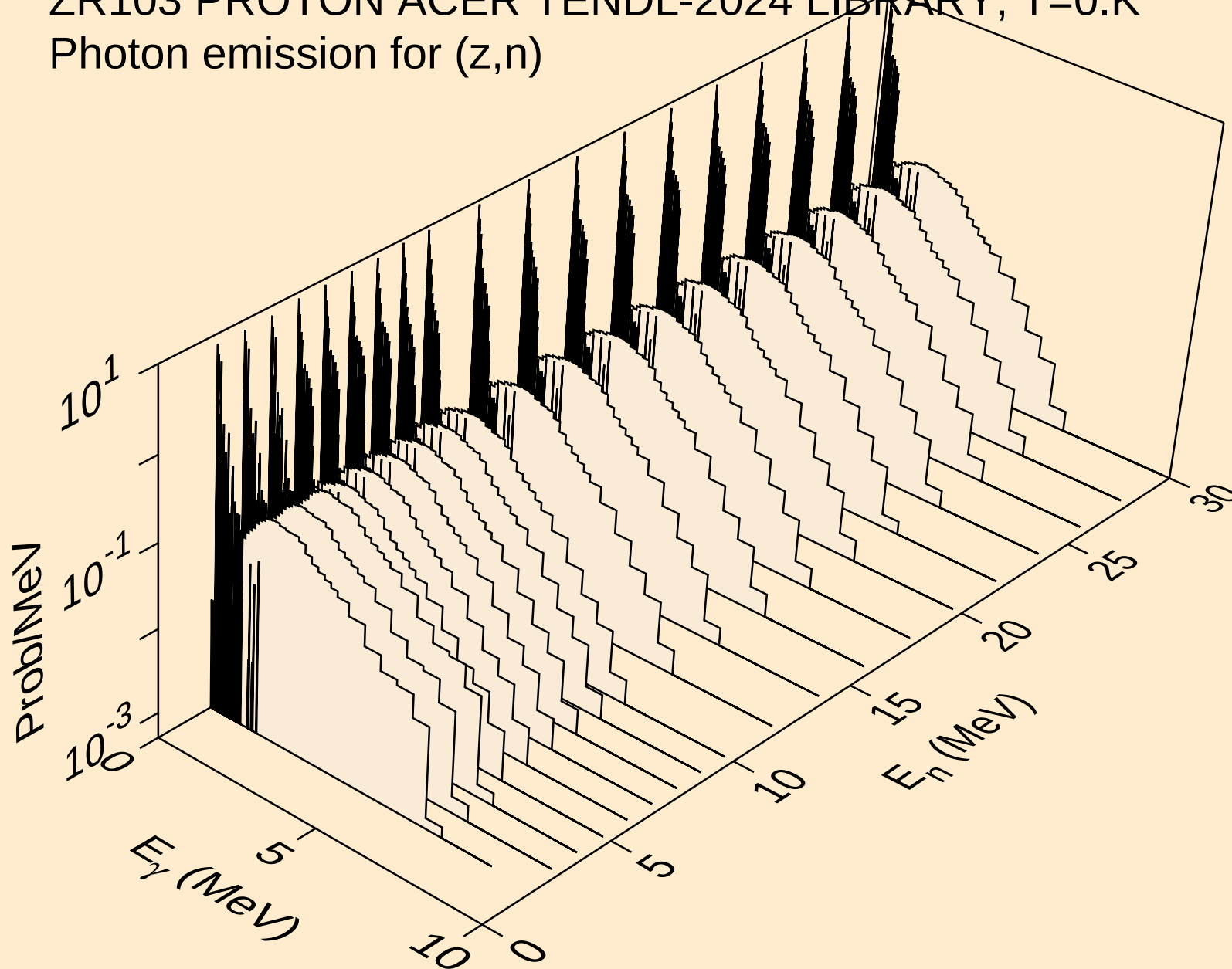


ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Proton emission for (p,pt)

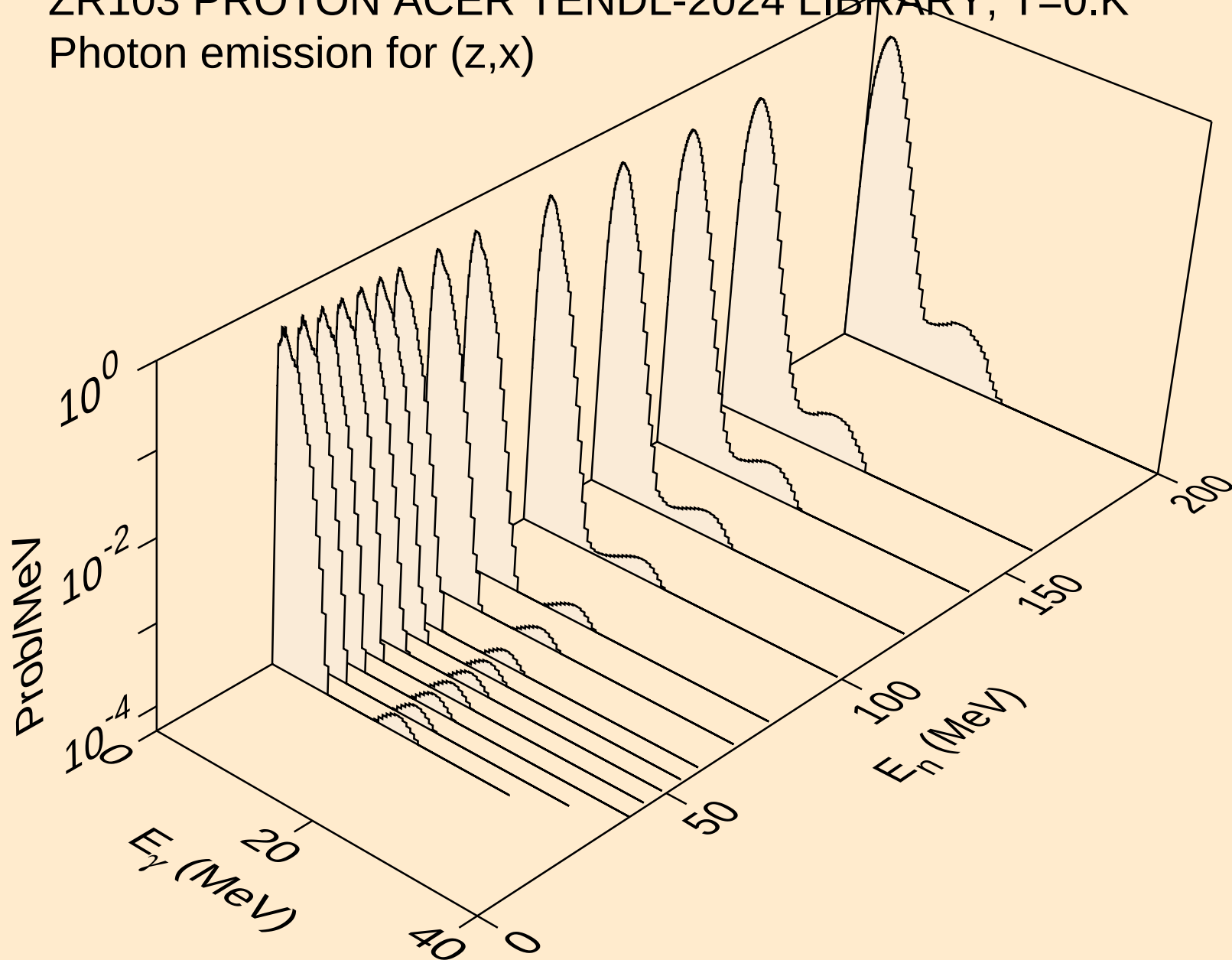


ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (z,n)

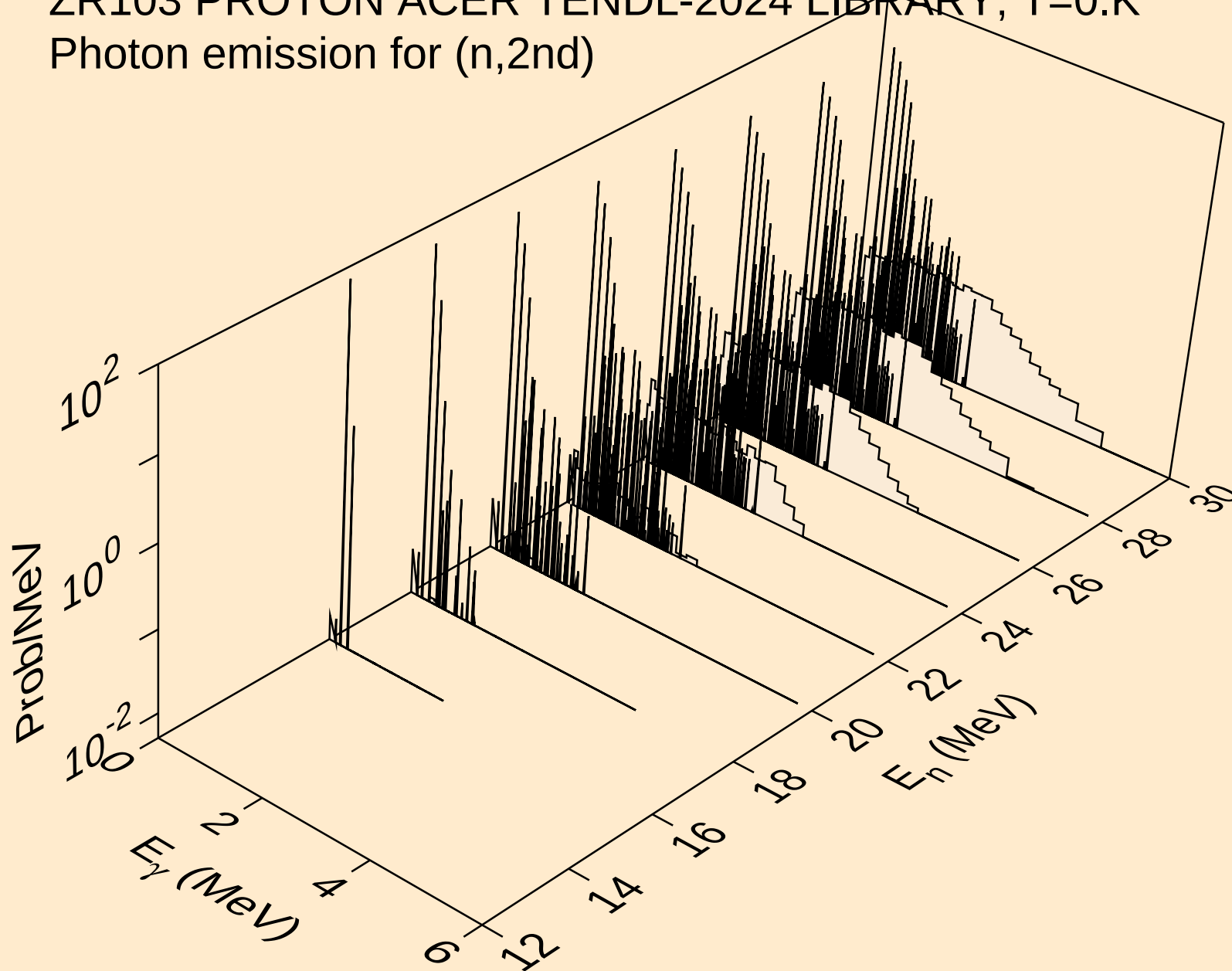


ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K

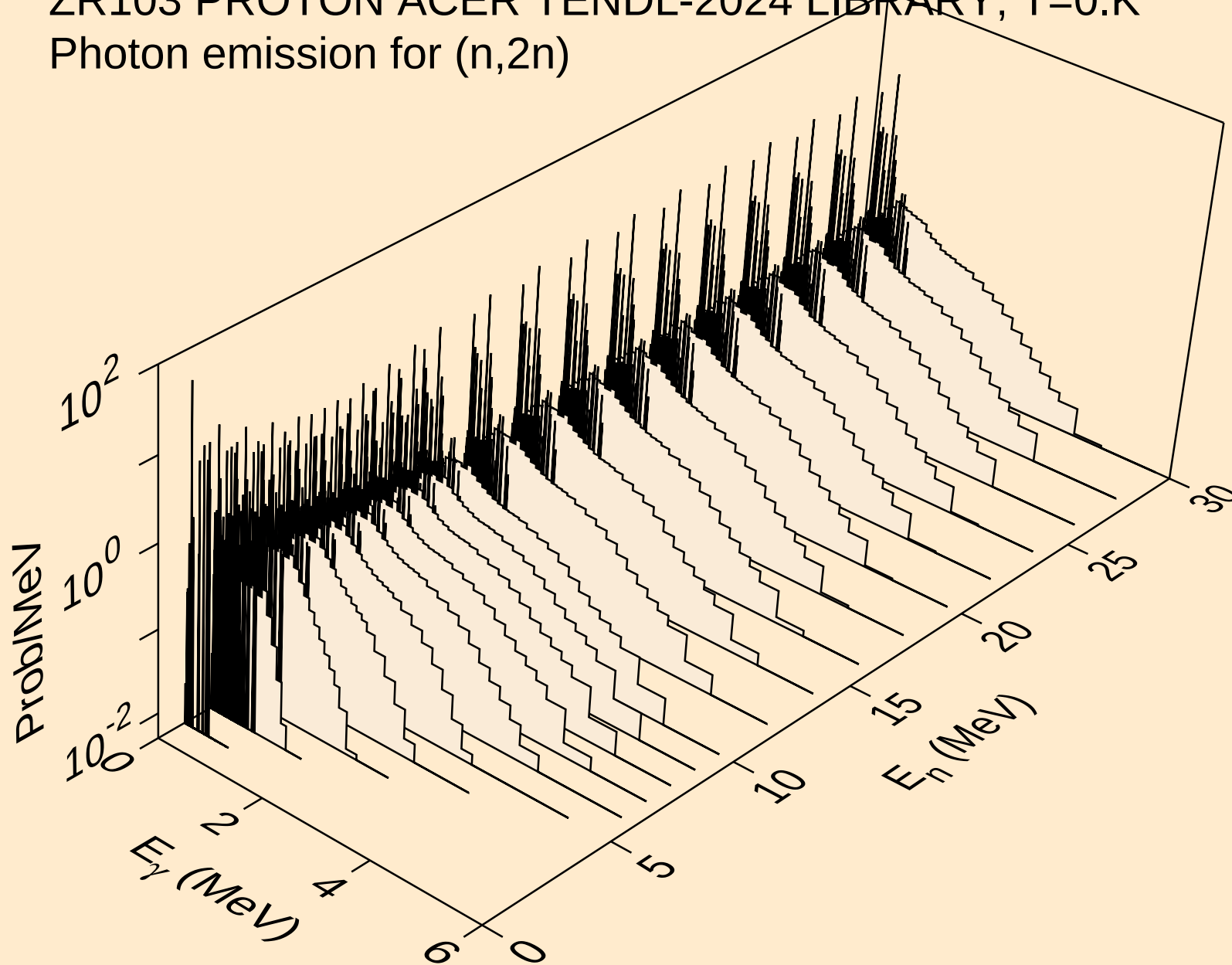
Photon emission for (z,x)



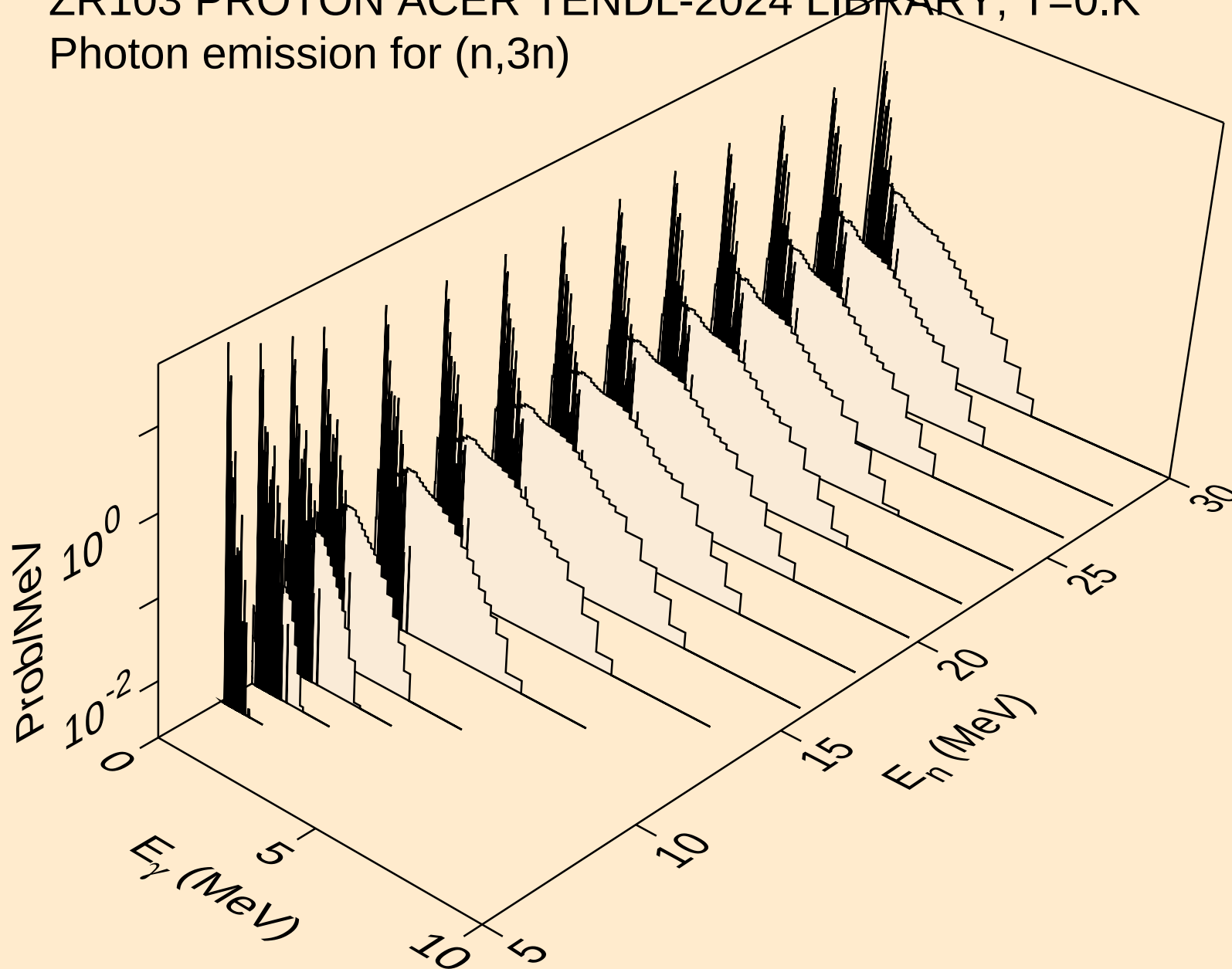
ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2nd)



ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2n)

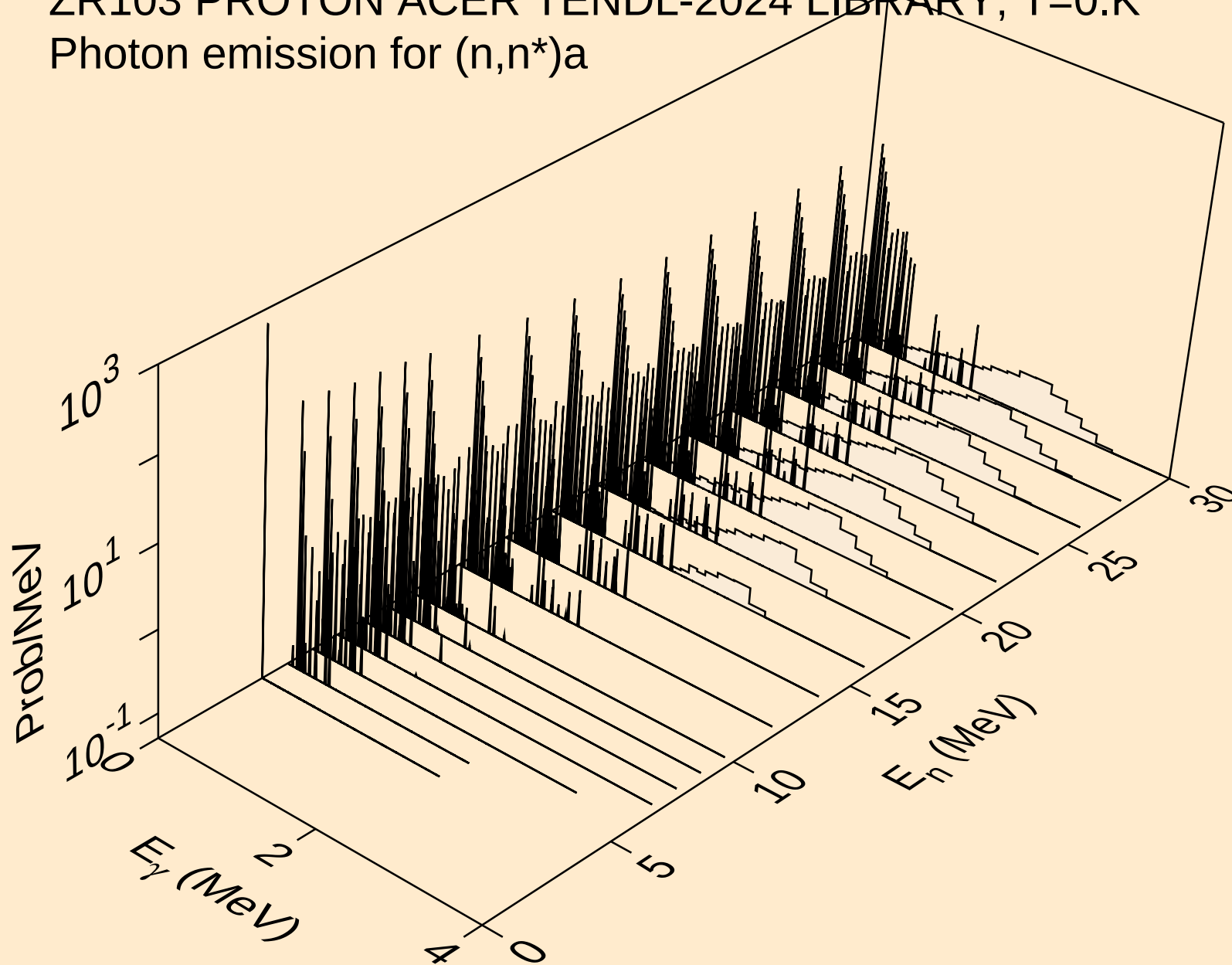


ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,3n)



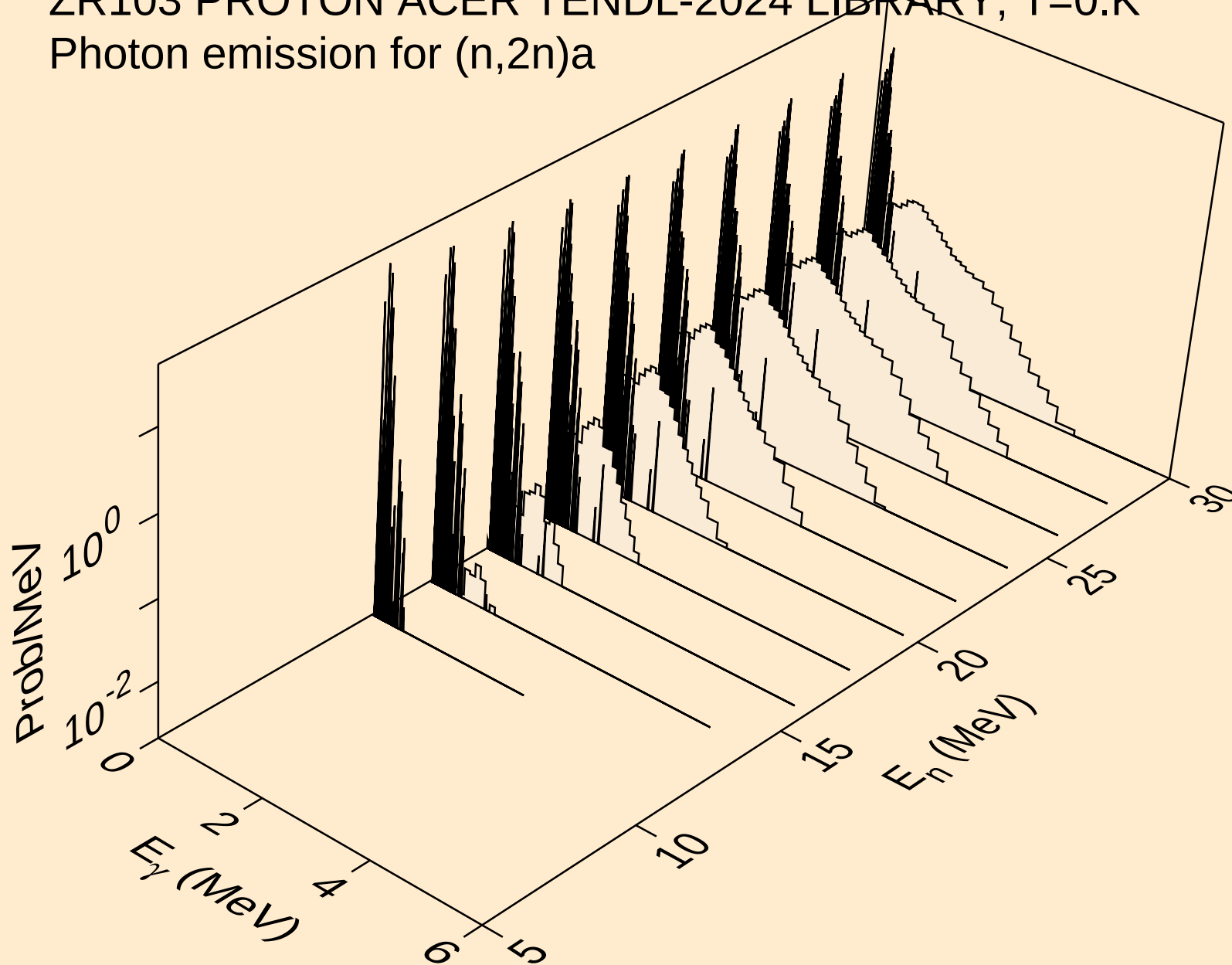
ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$

Photon emission for $(n,n^*)a$



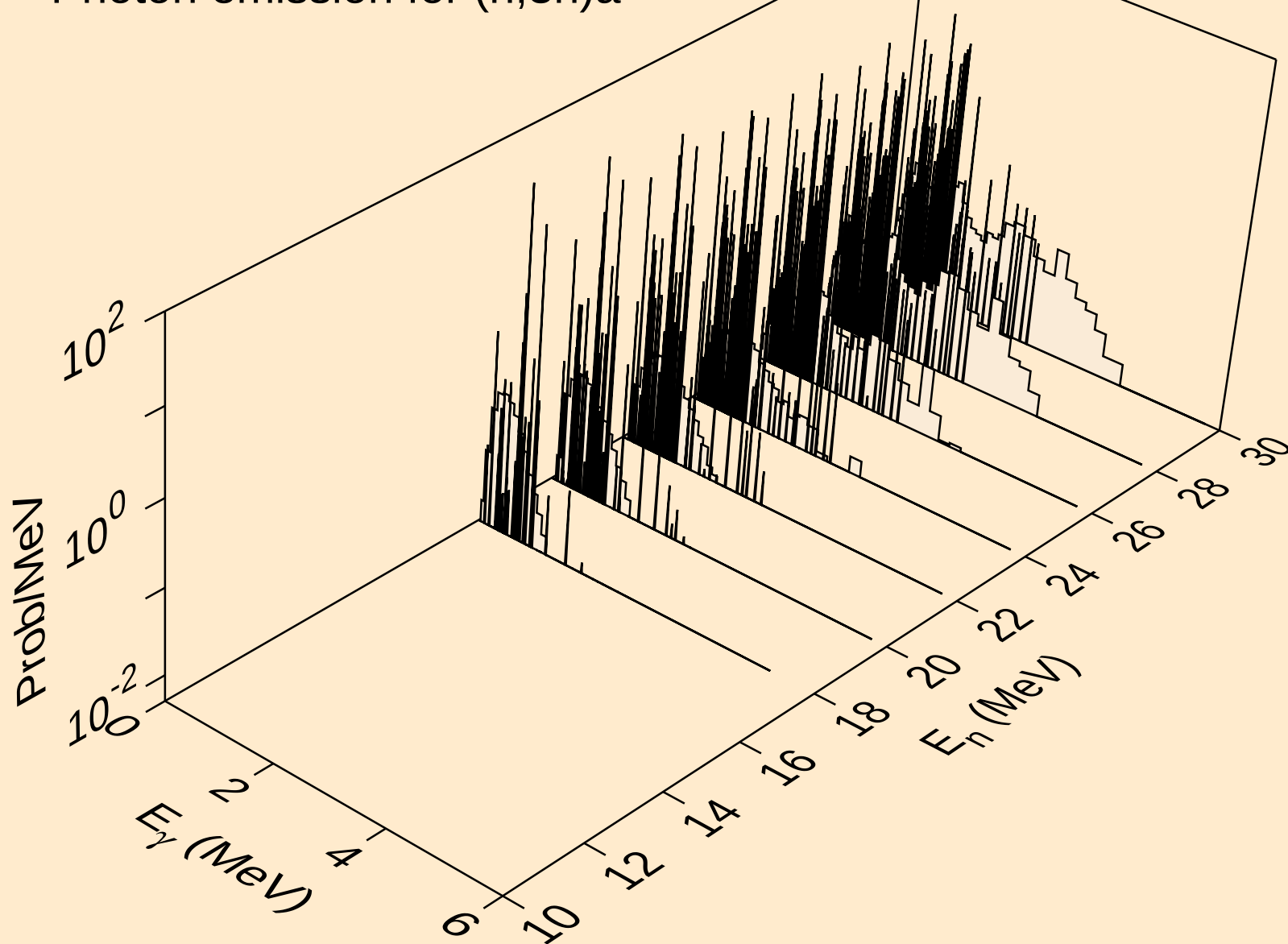
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) α

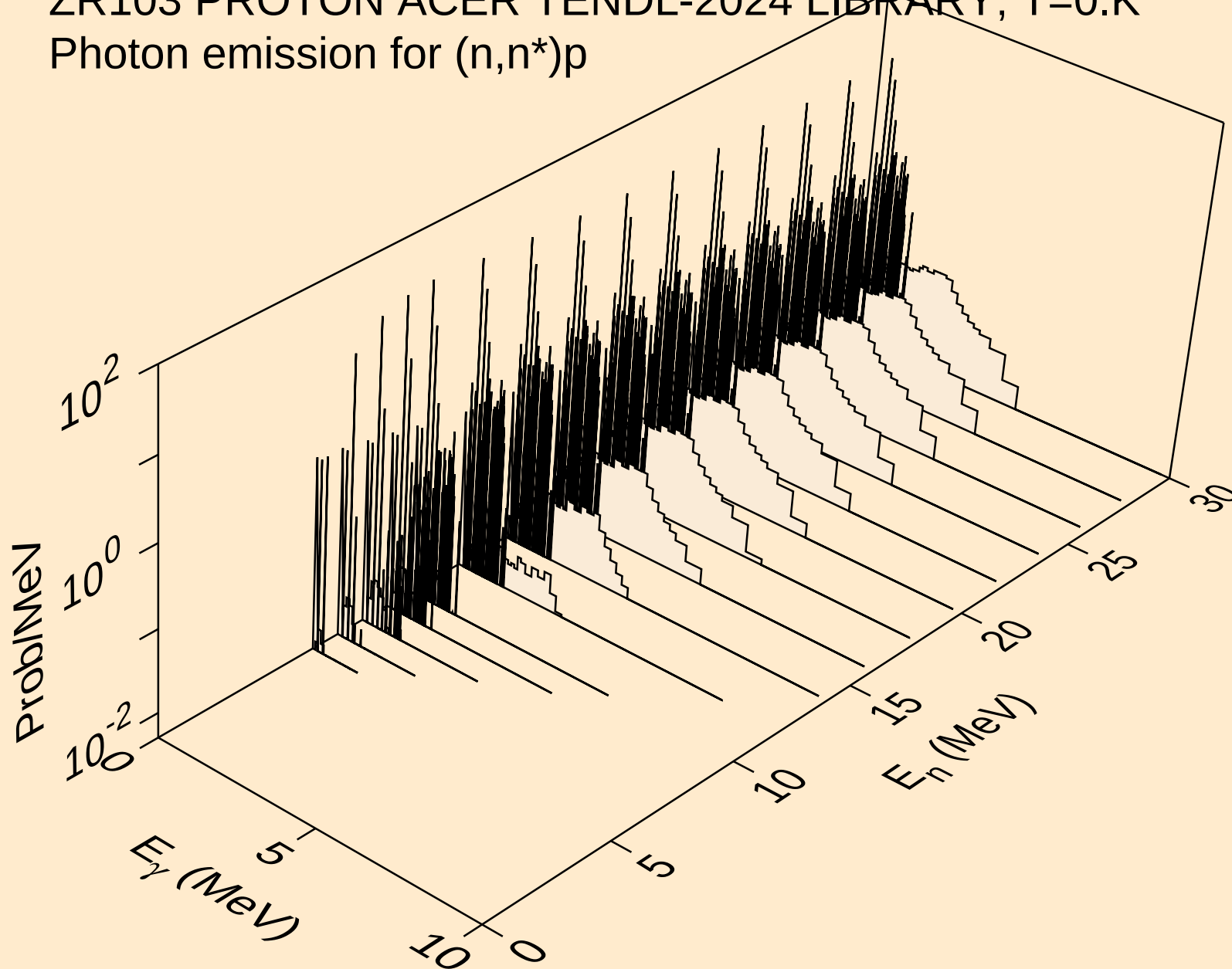


ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$

Photon emission for $(n,3n)\alpha$

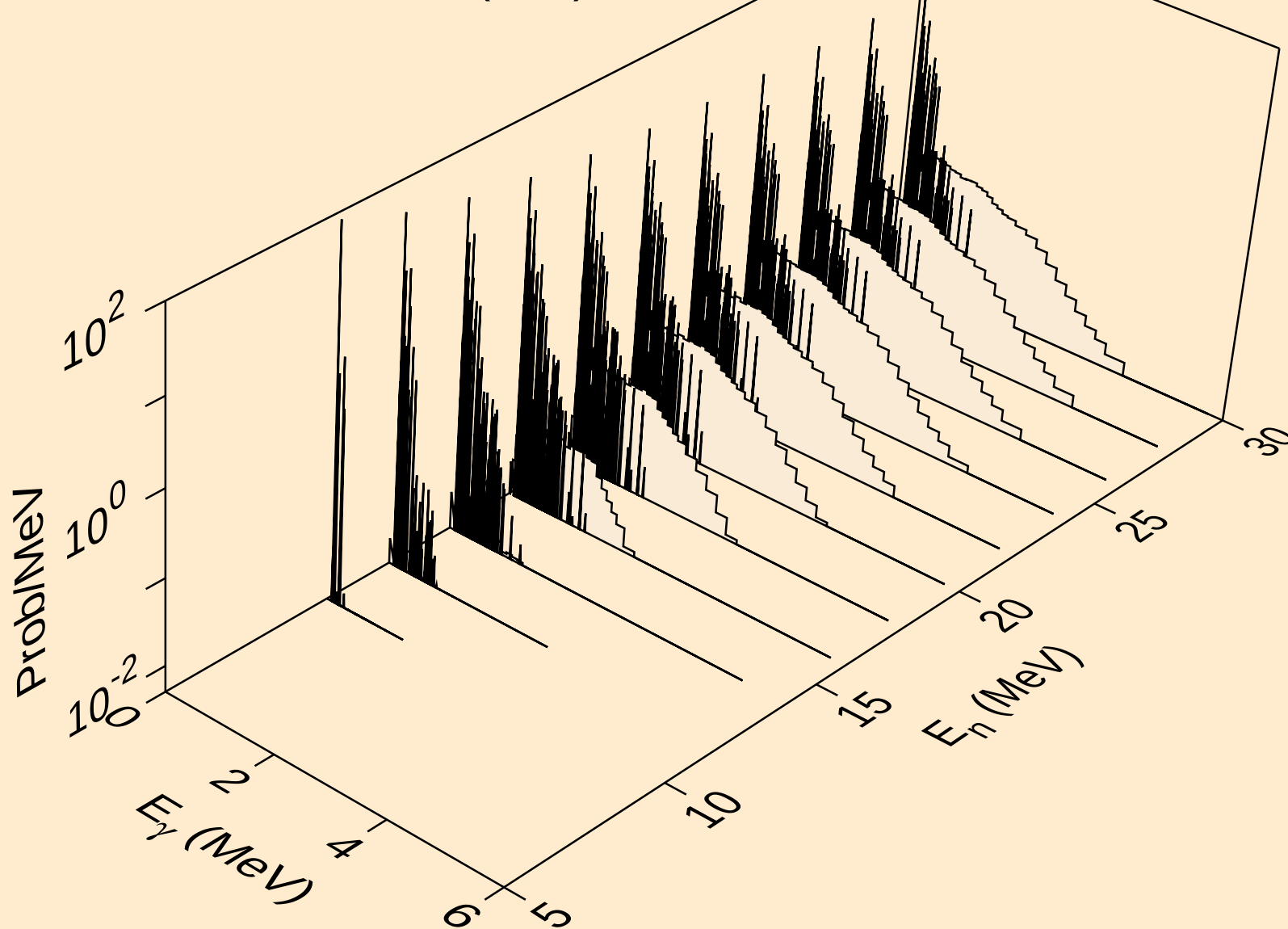


ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)p$



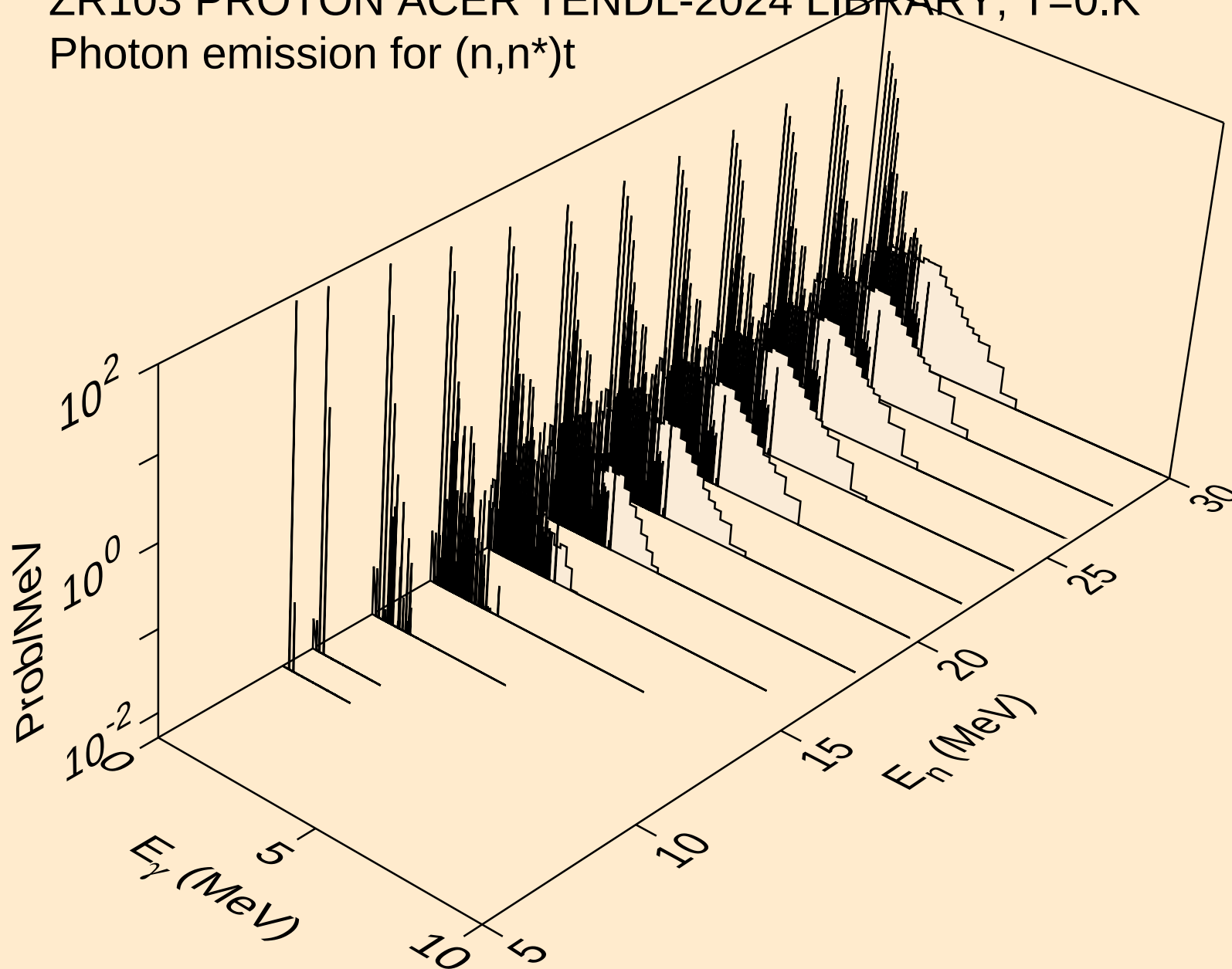
ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$

Photon emission for $(n,n^*)d$

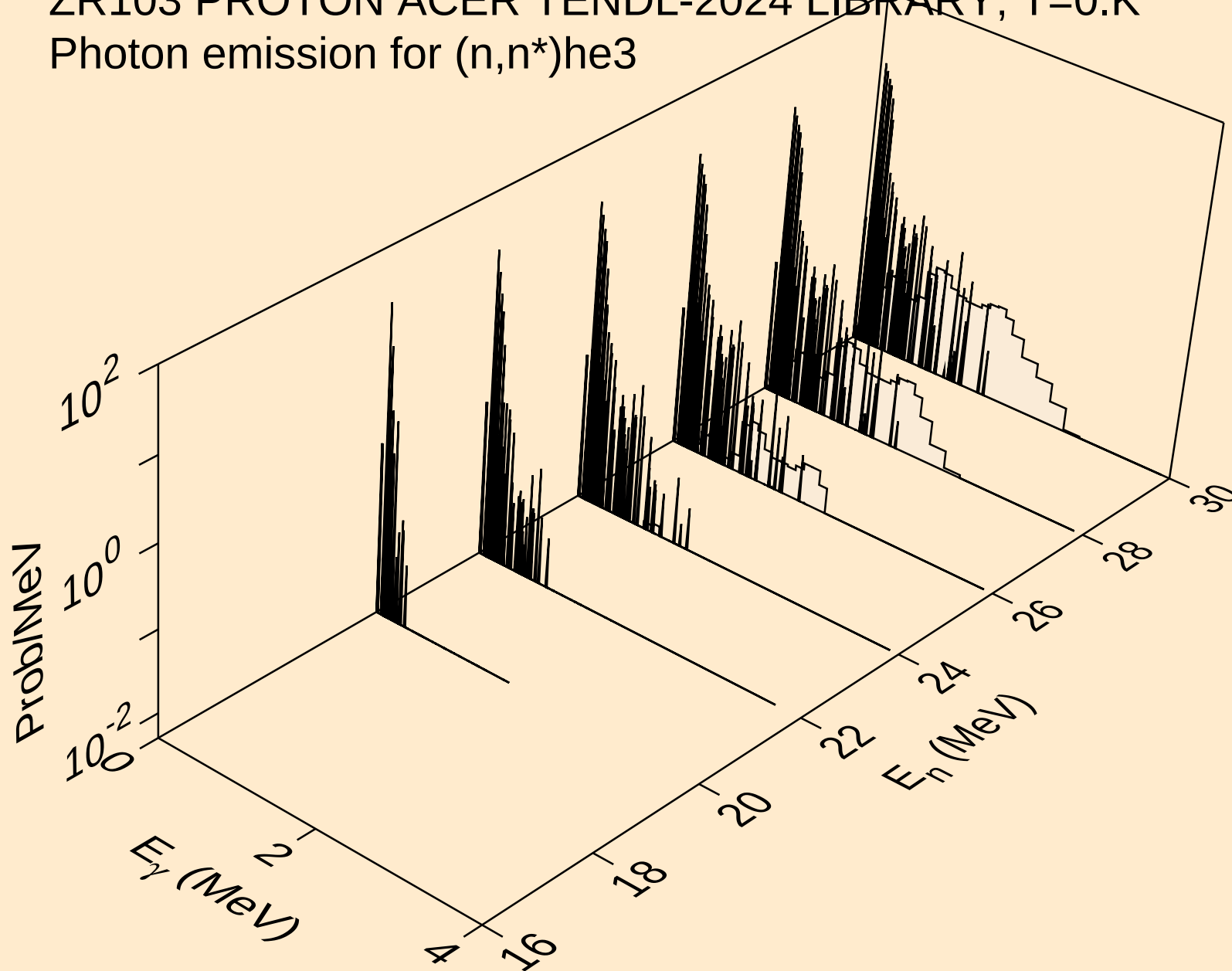


ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$

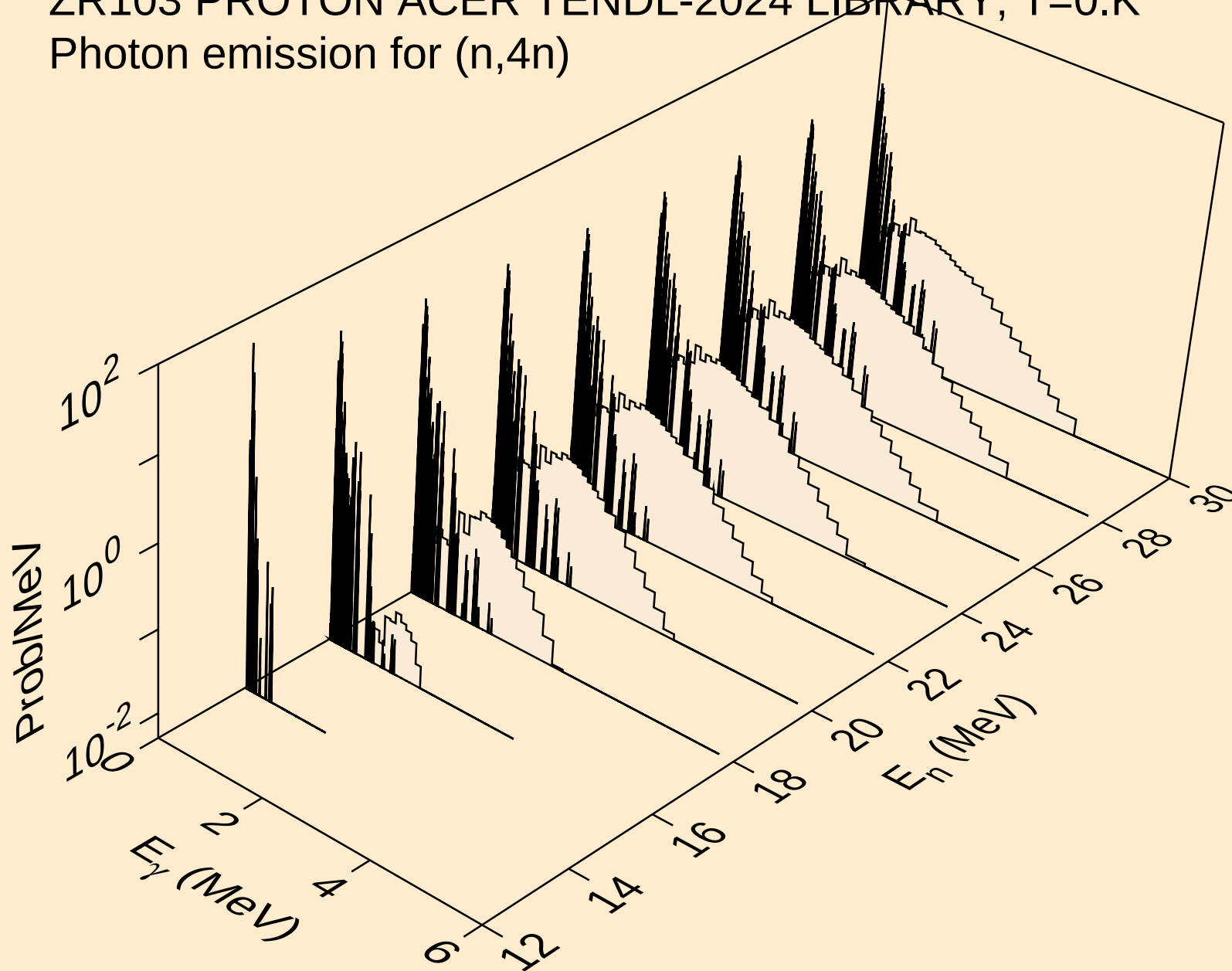
Photon emission for $(n,n^*)t$



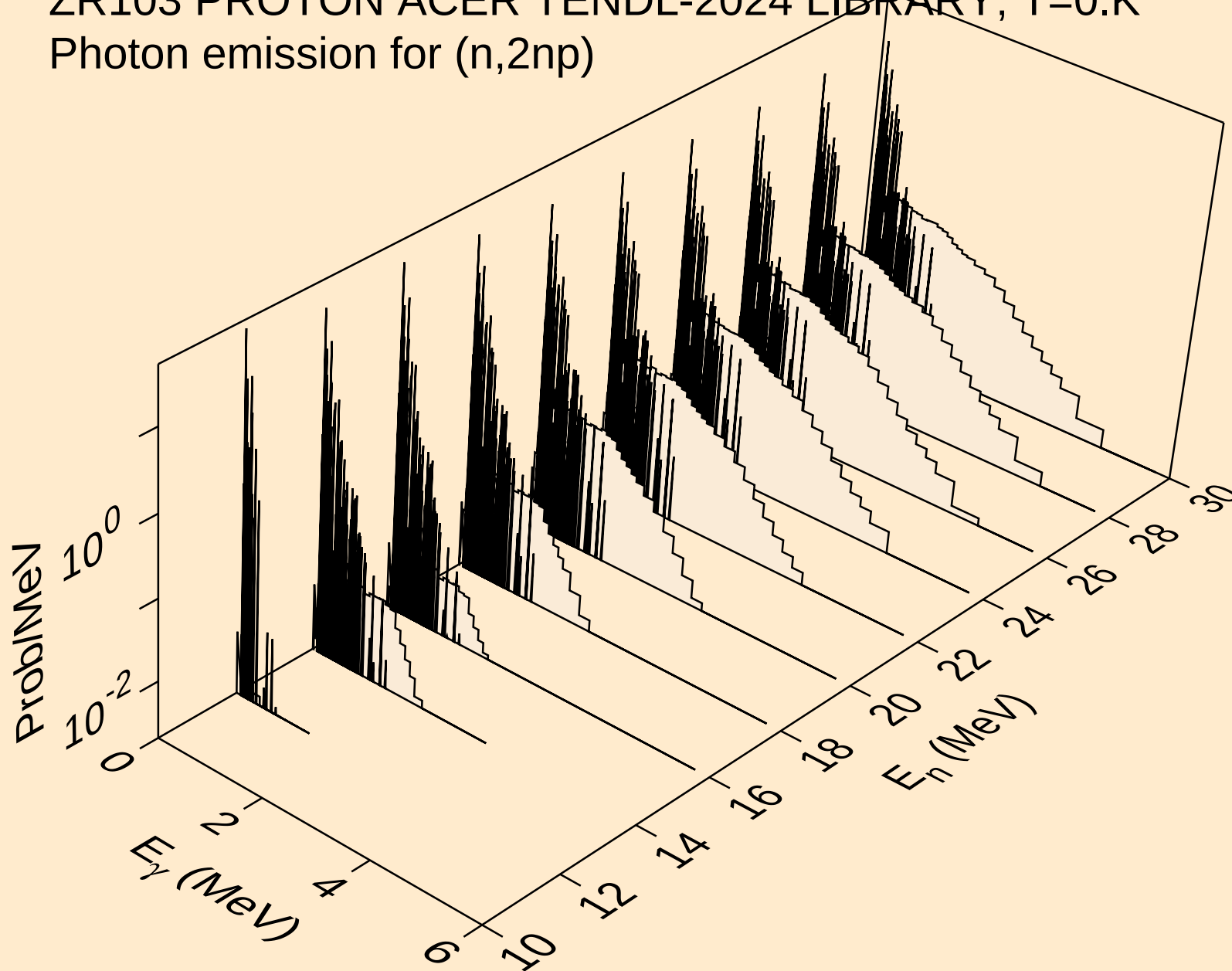
ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)\text{he3}$



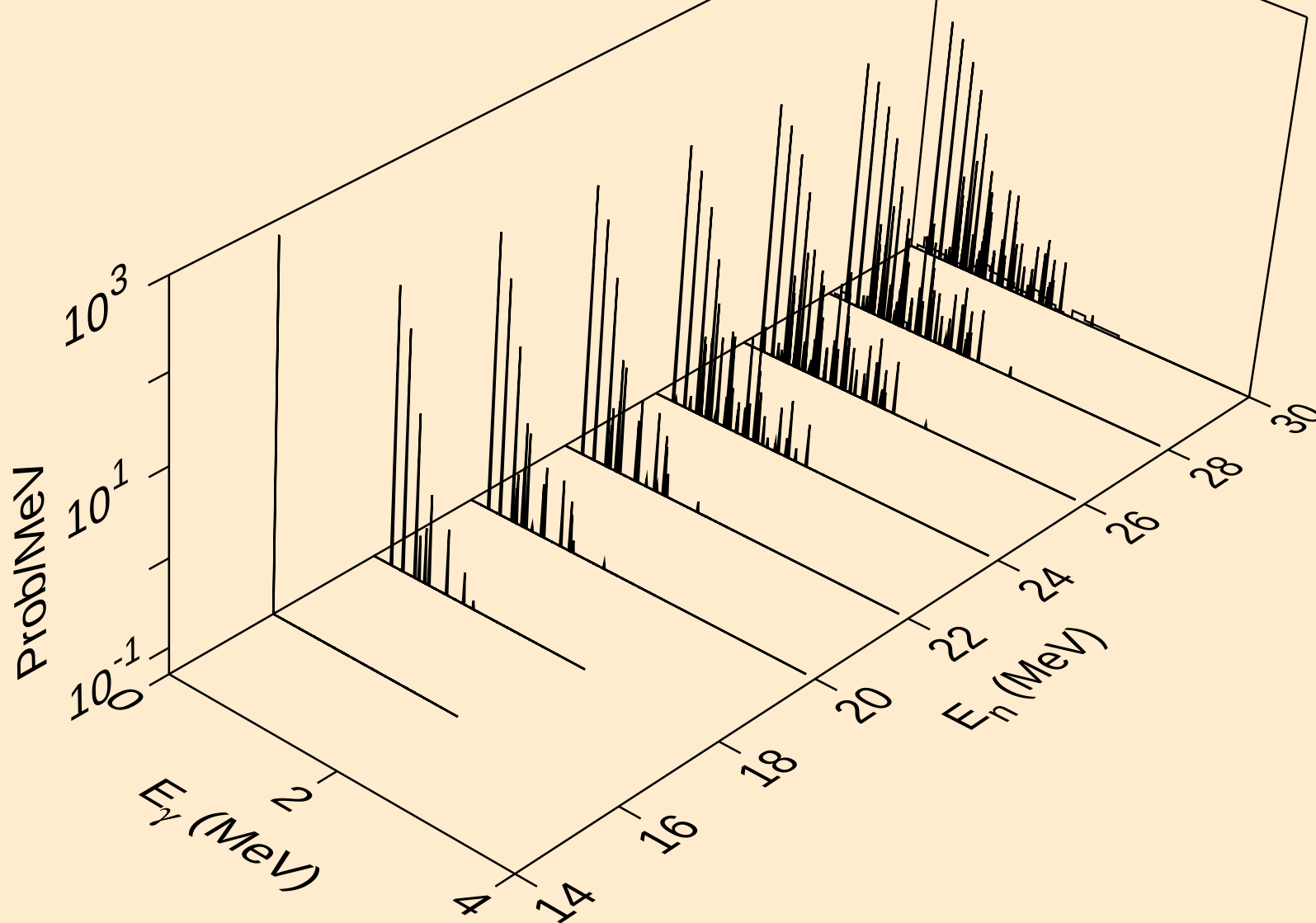
ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,4n)



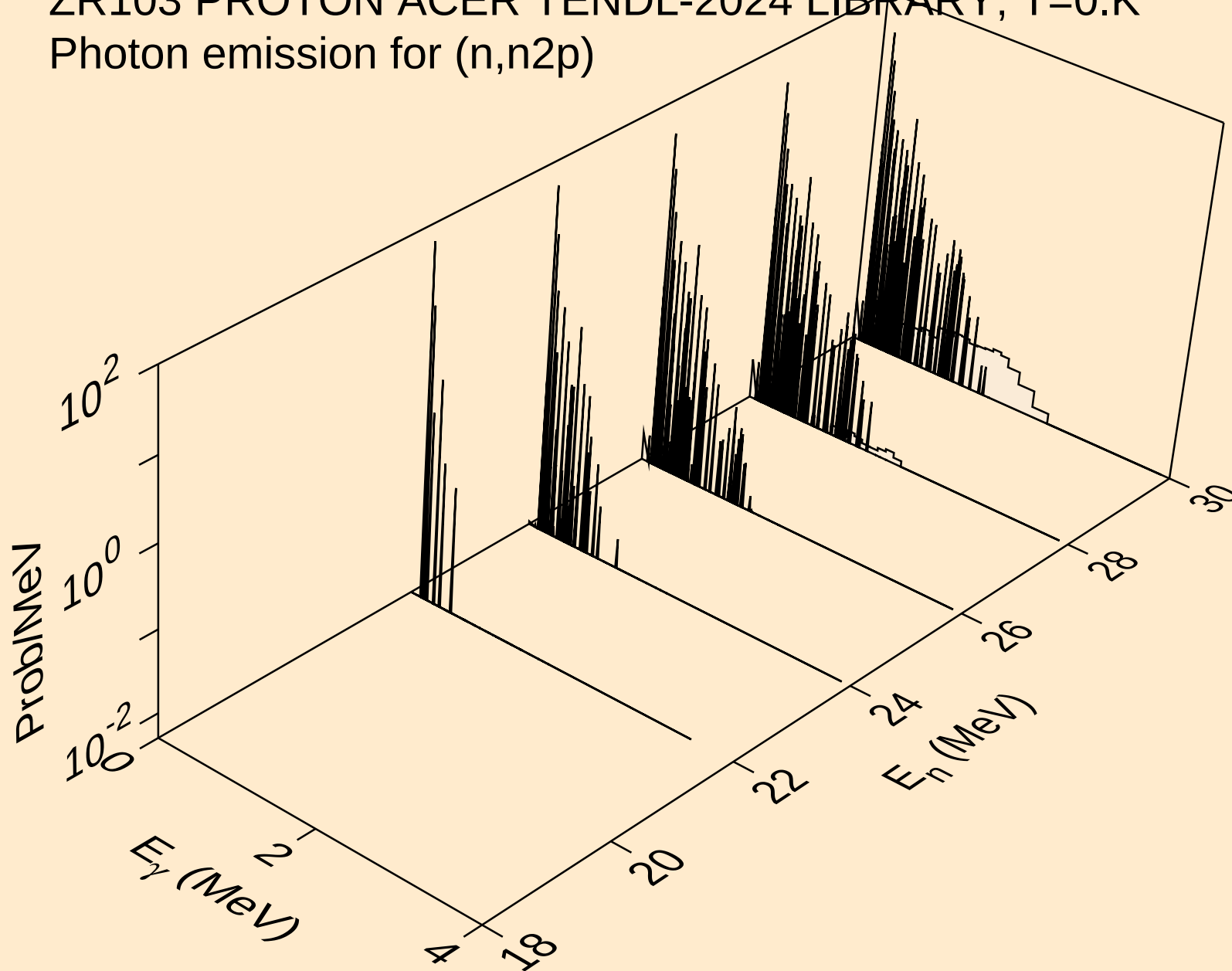
ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2np)



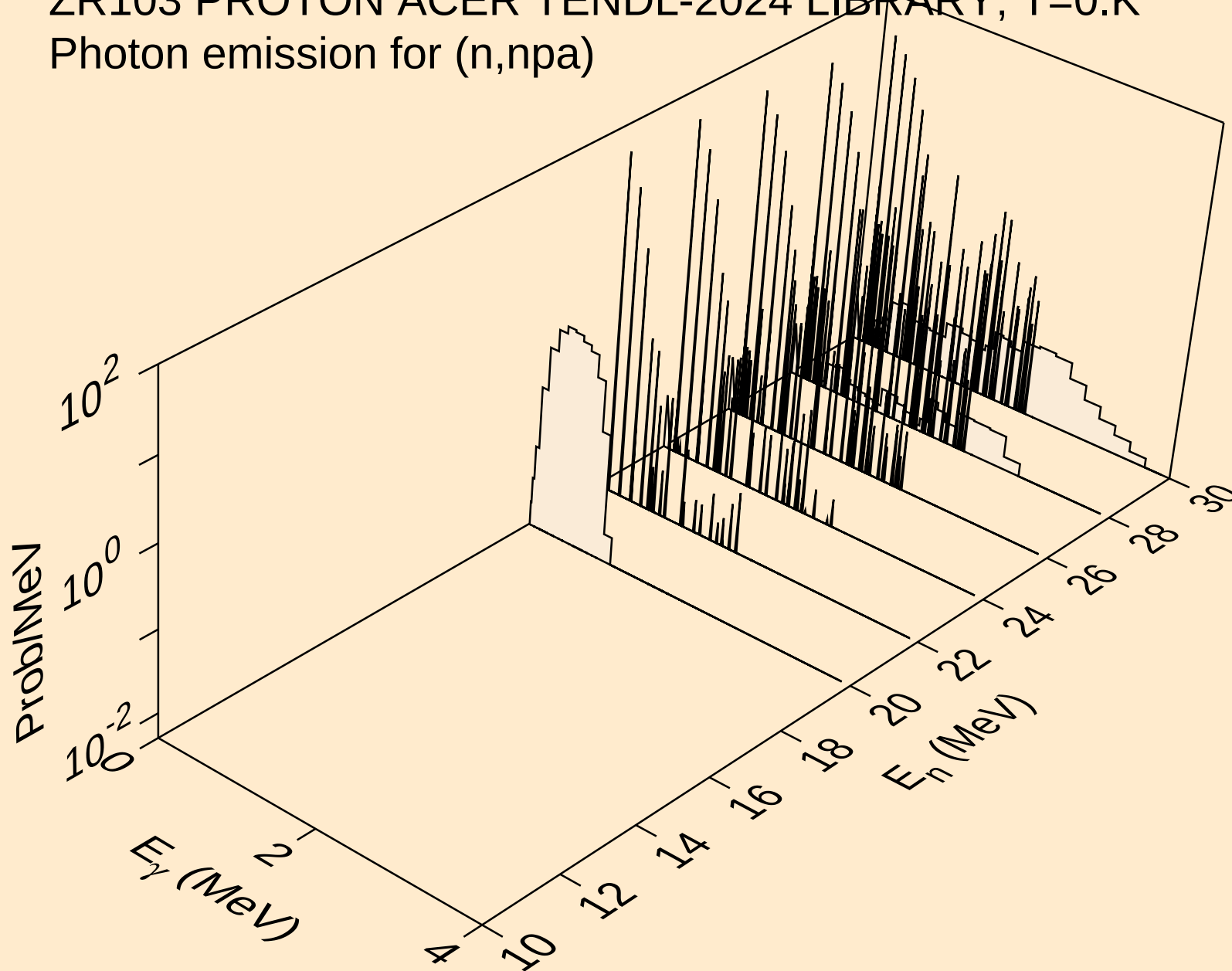
ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,3np)



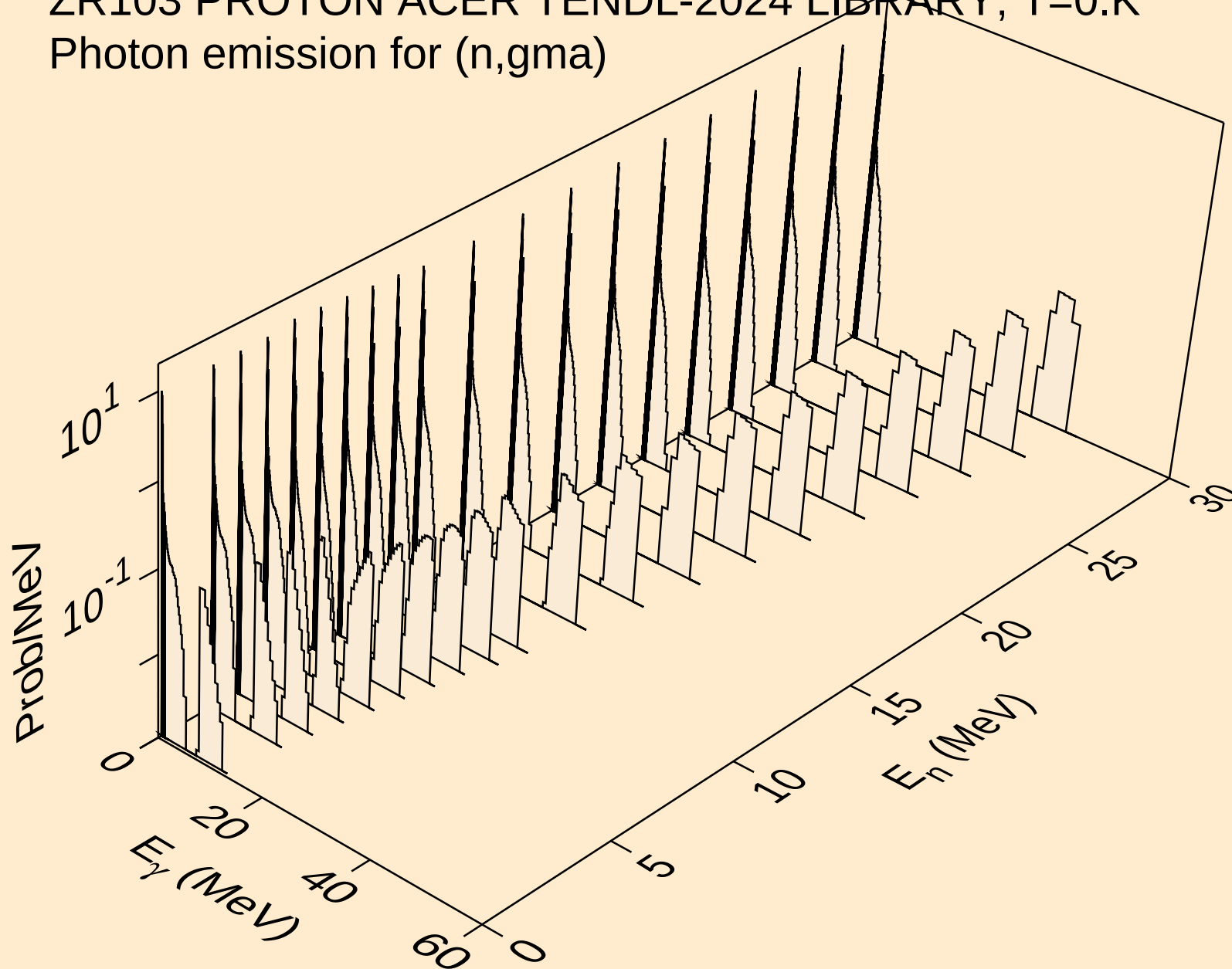
ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,n2p)



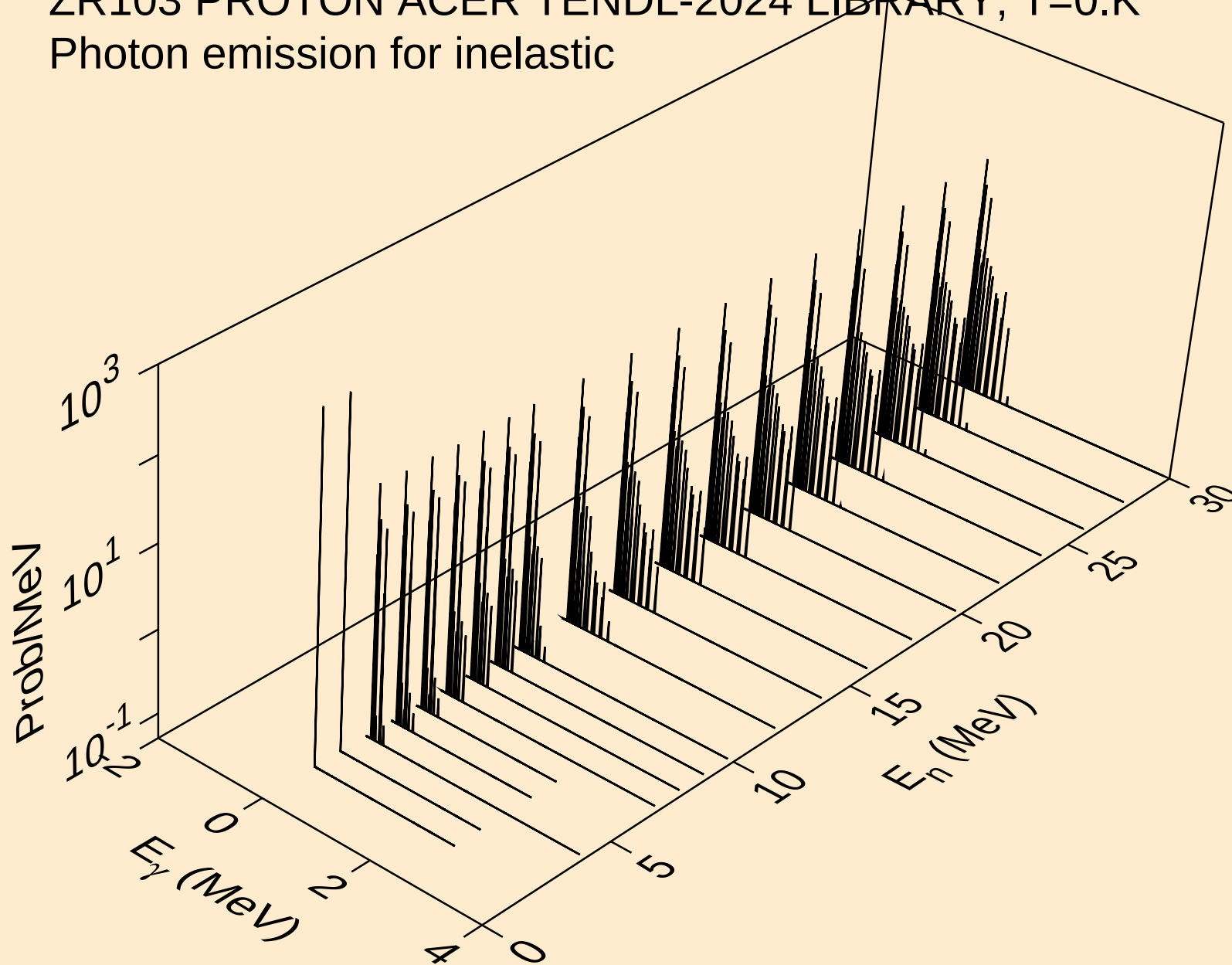
ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,npa)



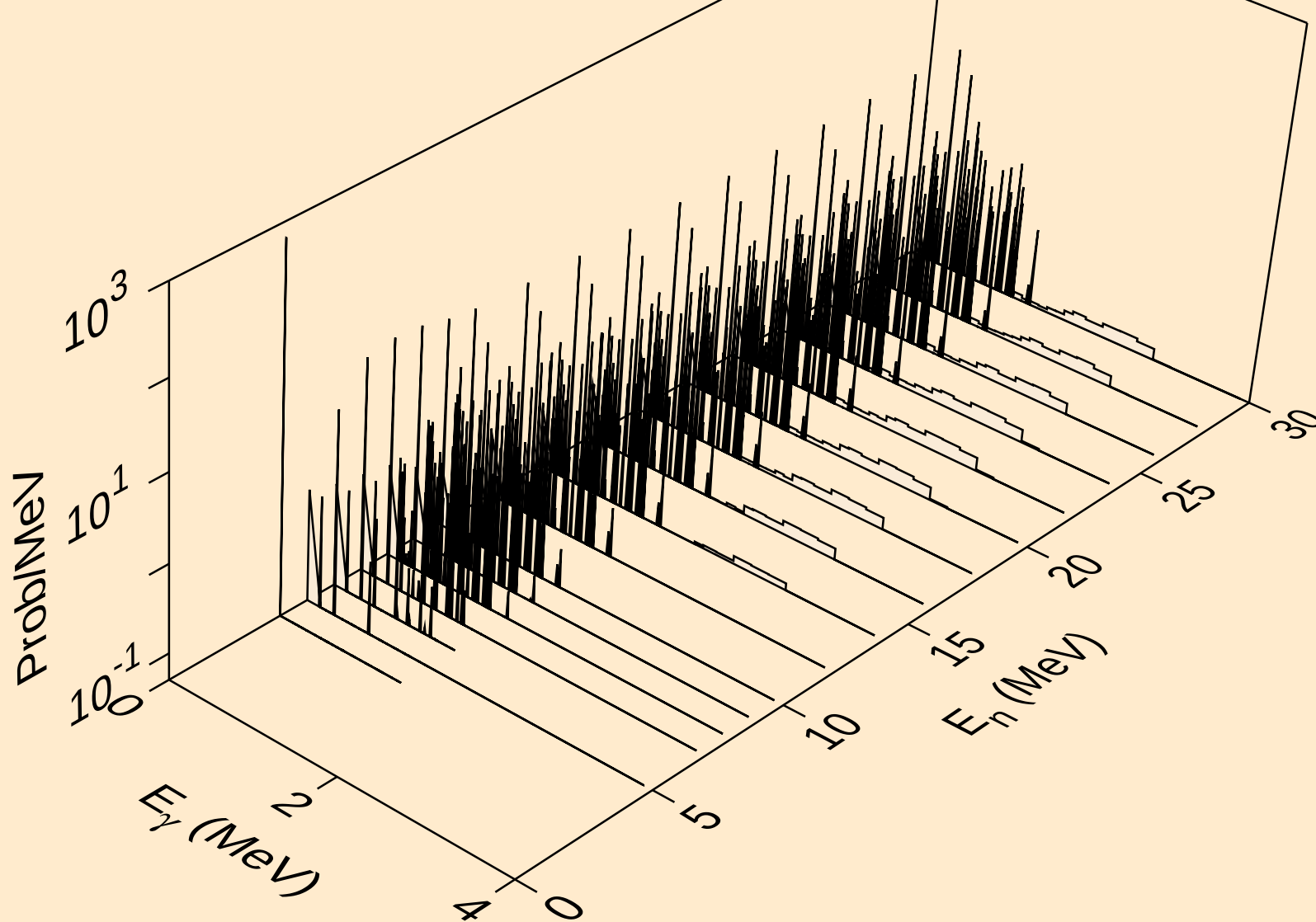
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Photon emission for (n,gma)



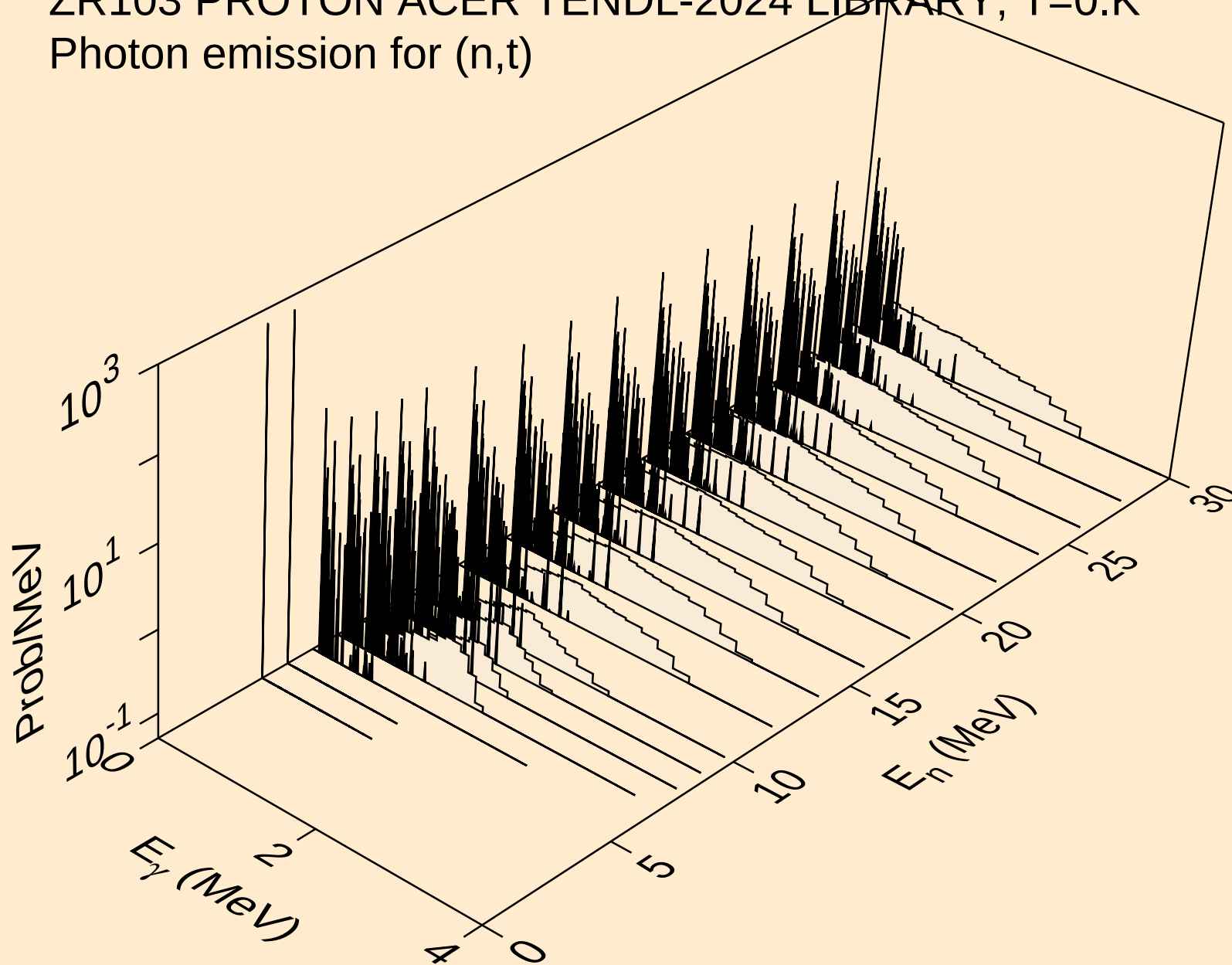
ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for inelastic



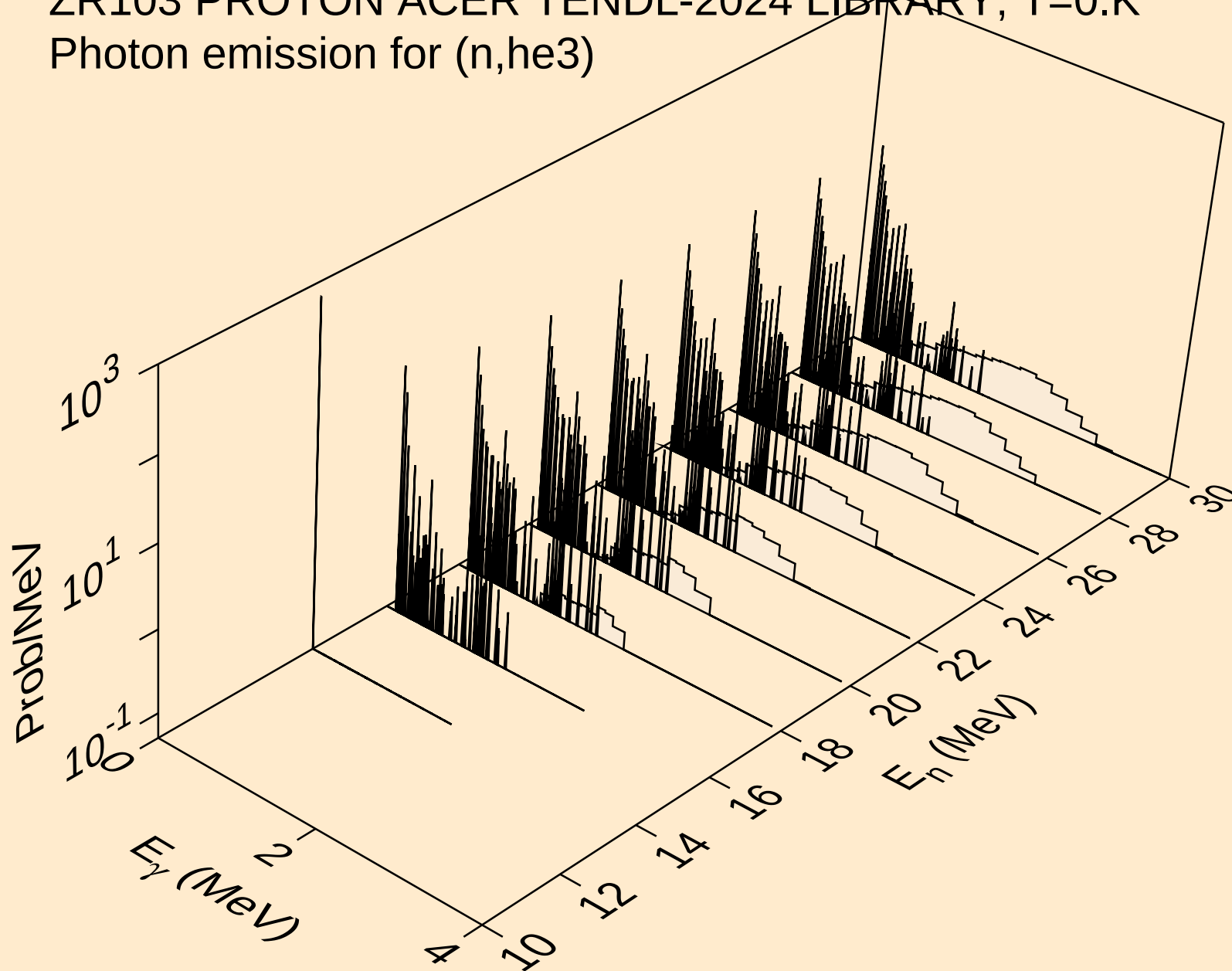
ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,d)



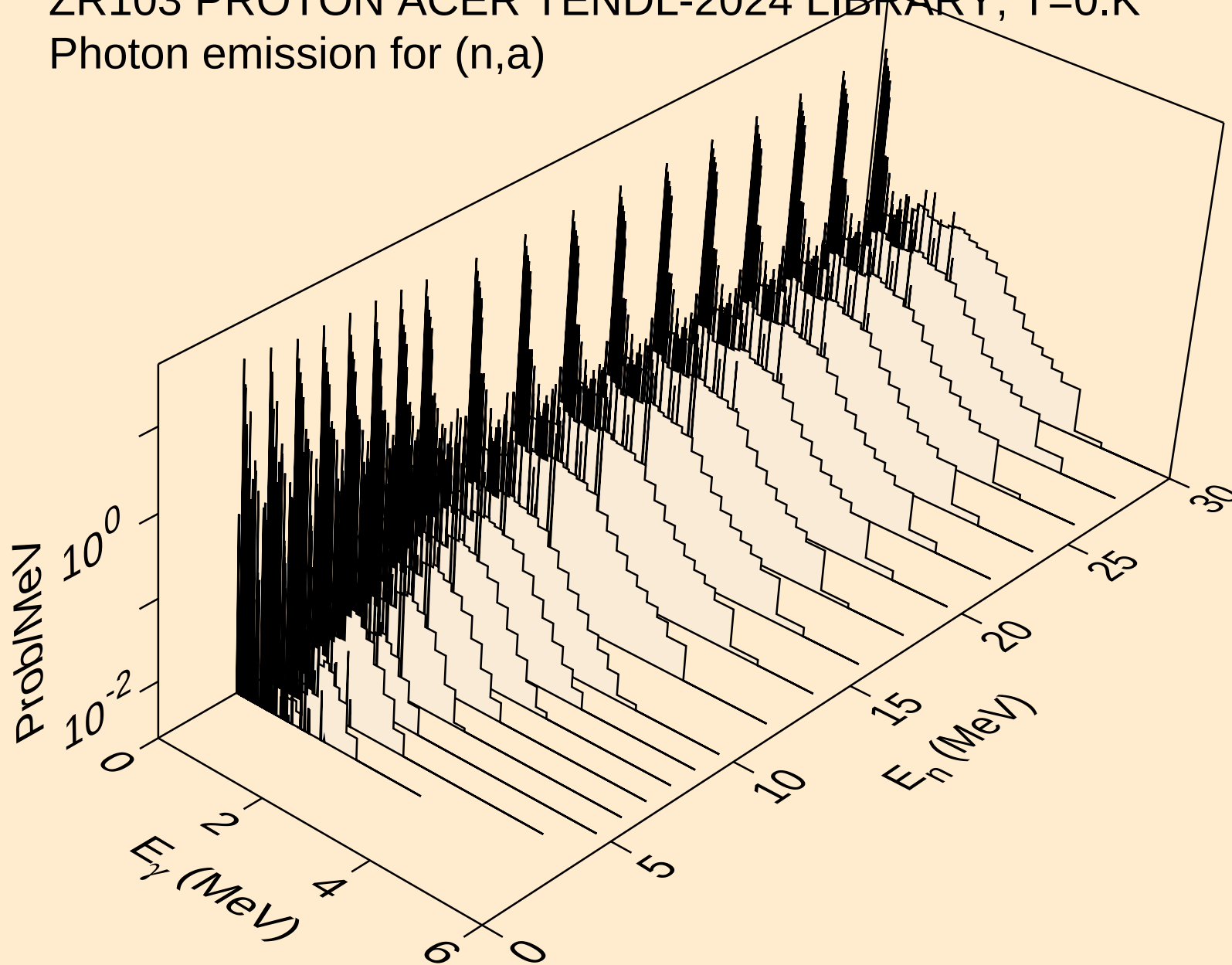
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Photon emission for (n,t)



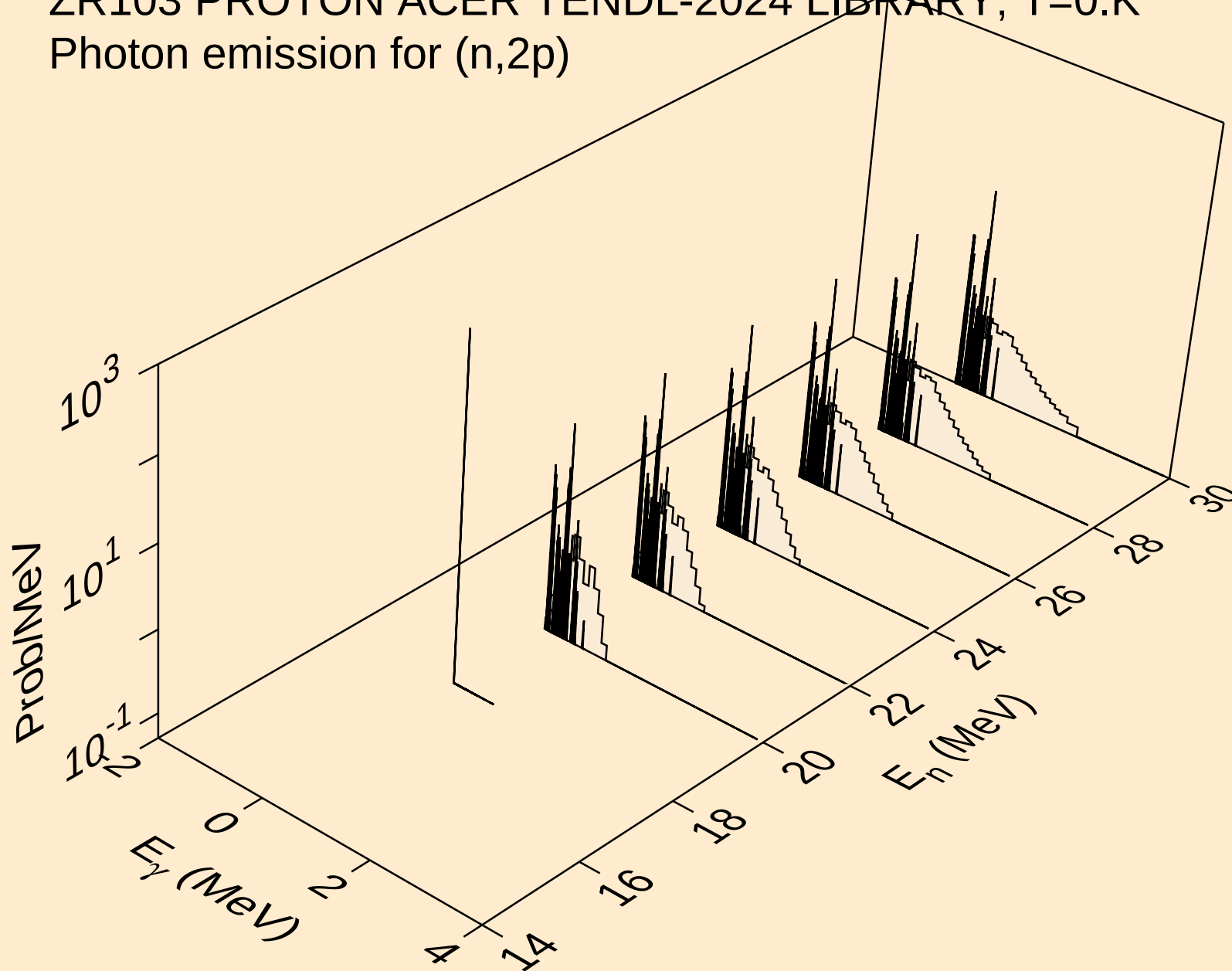
ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,he3)



ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,a)

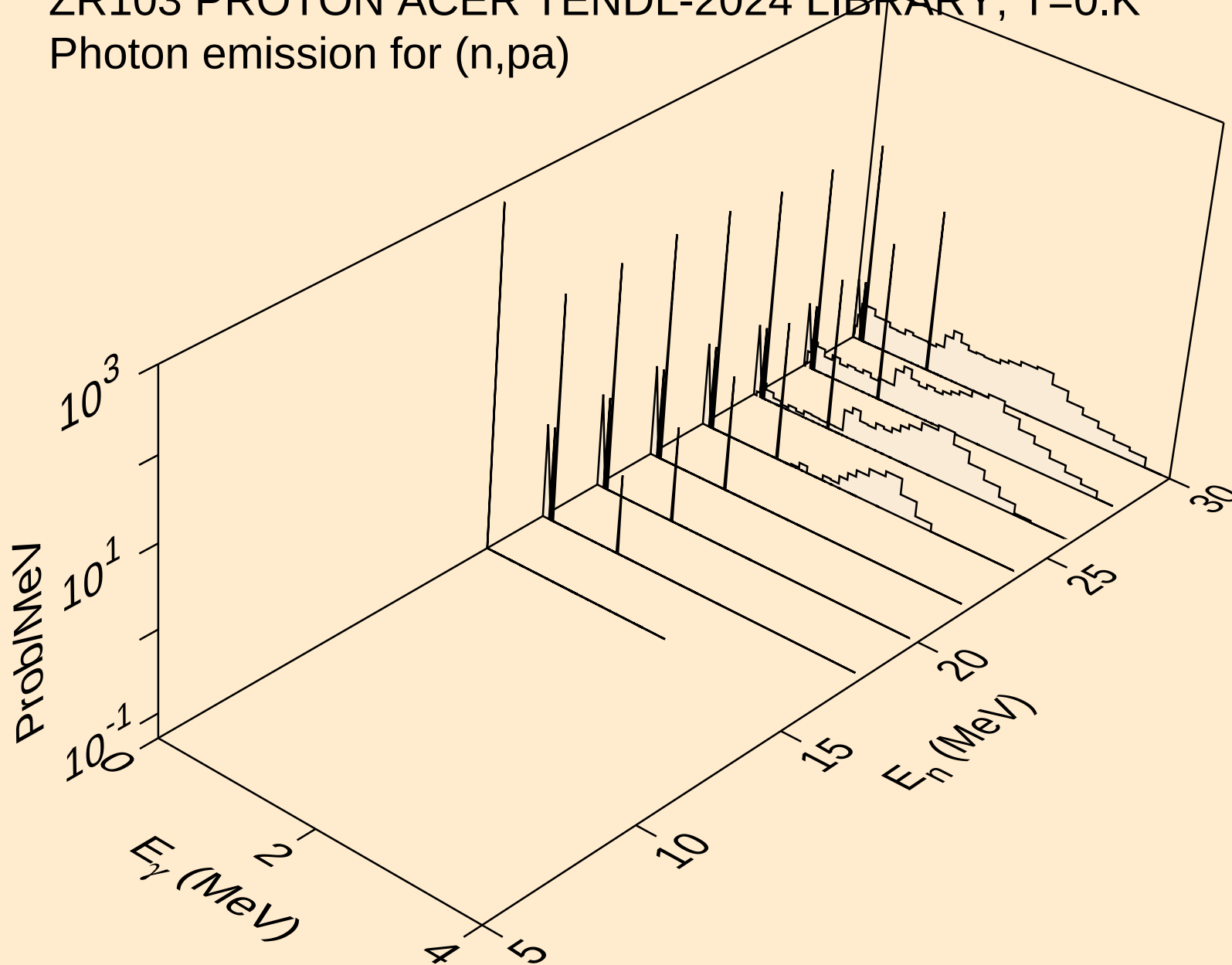


ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2p)

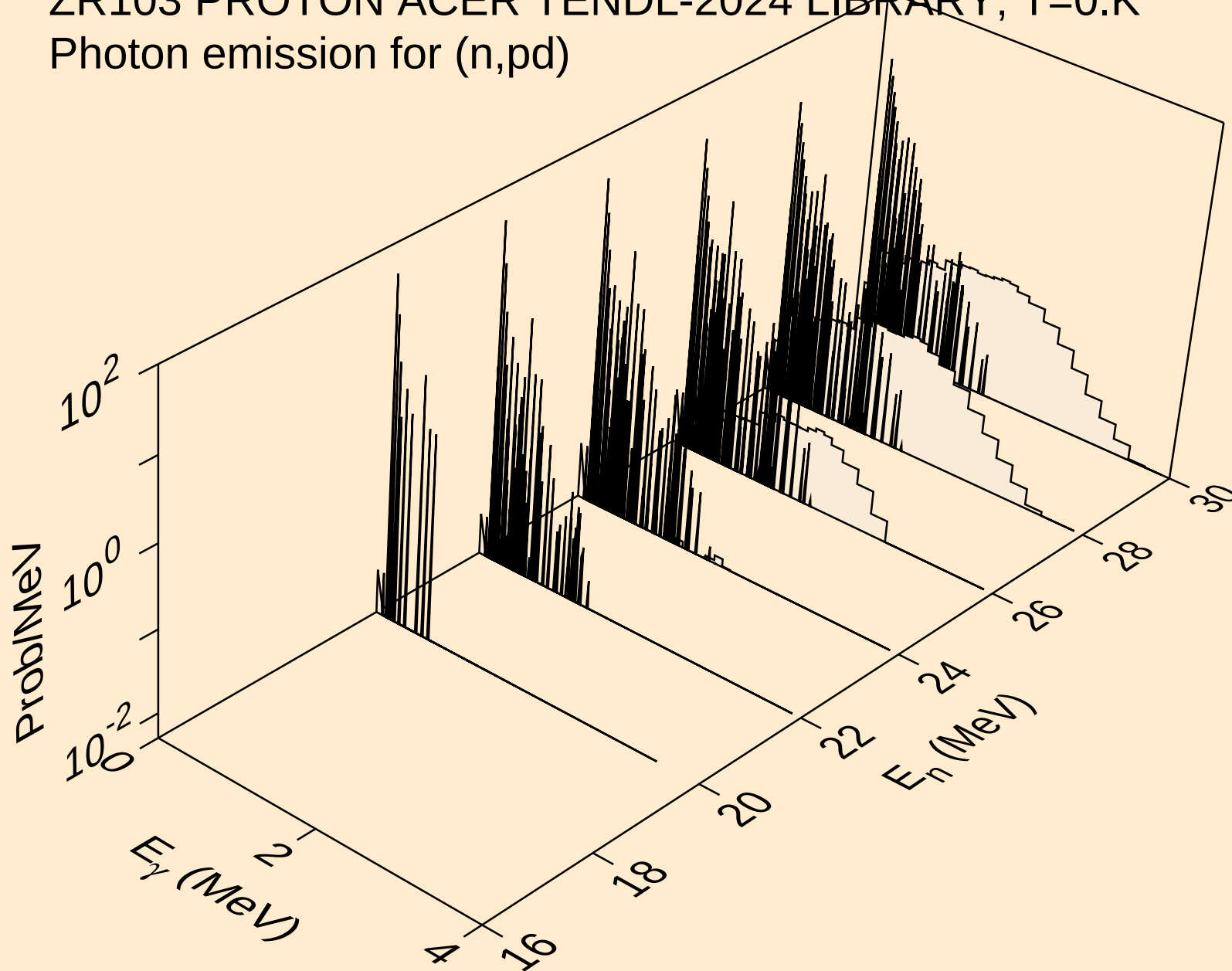


ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,p α)

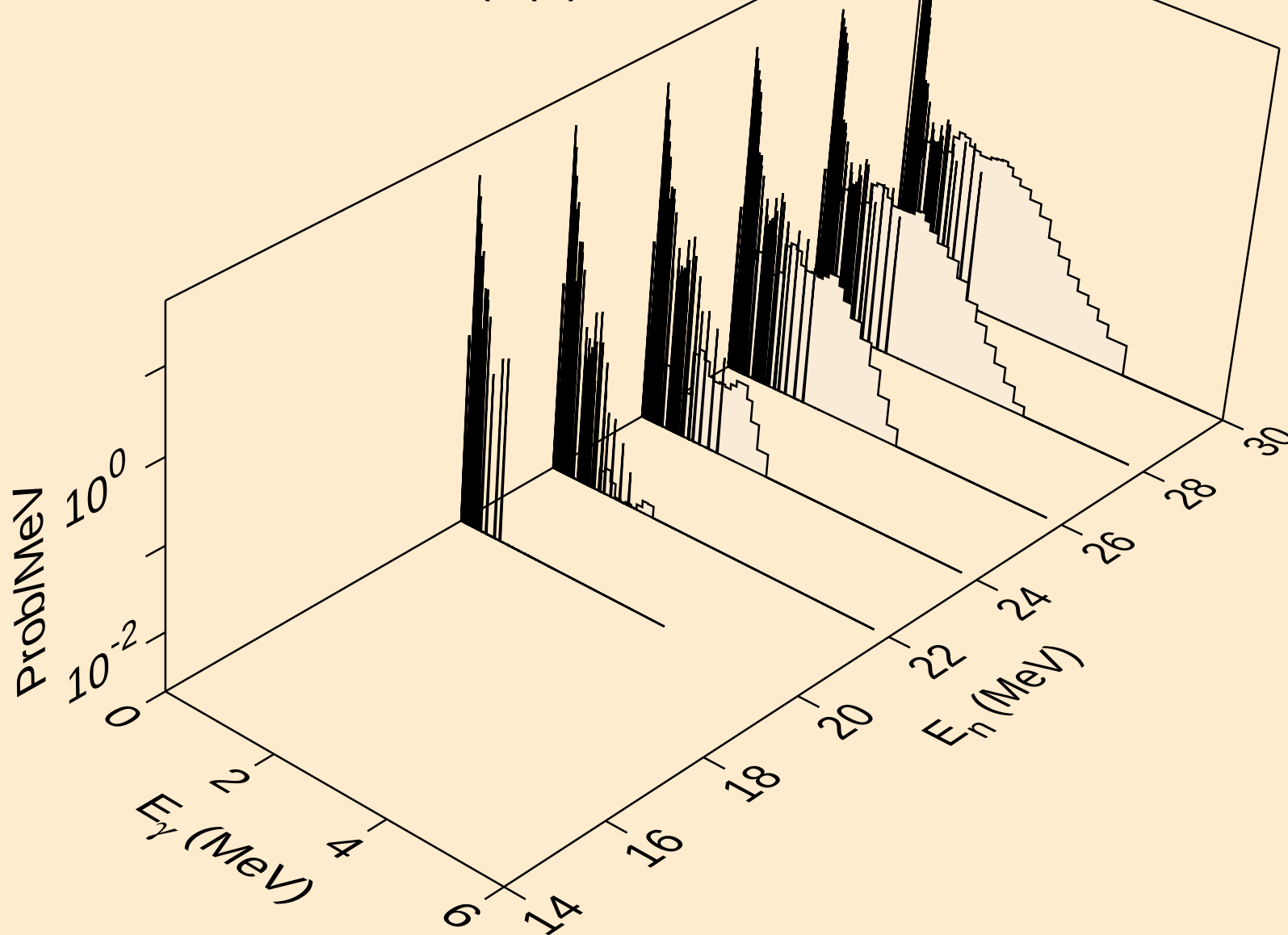


ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,pd)



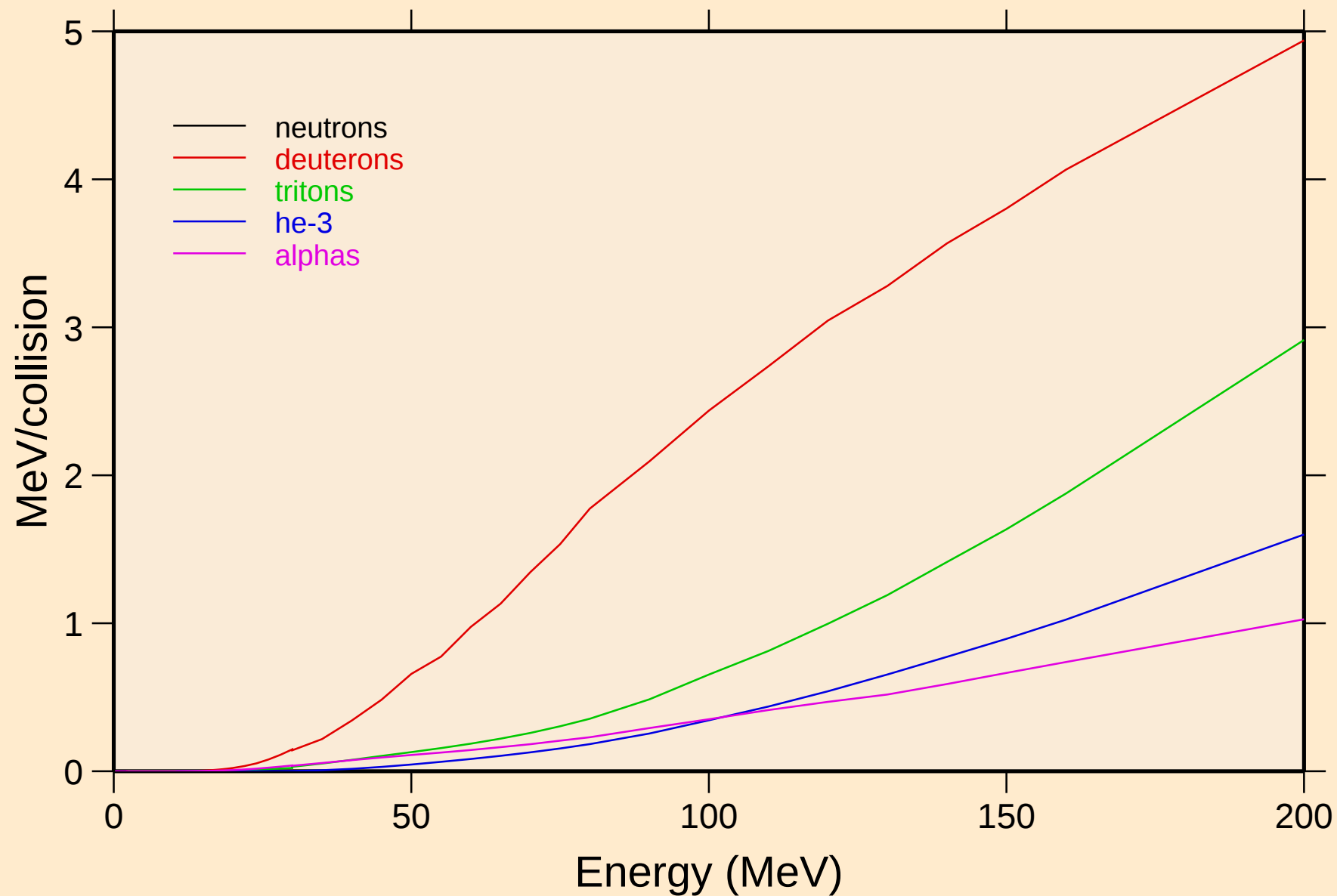
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,pt)



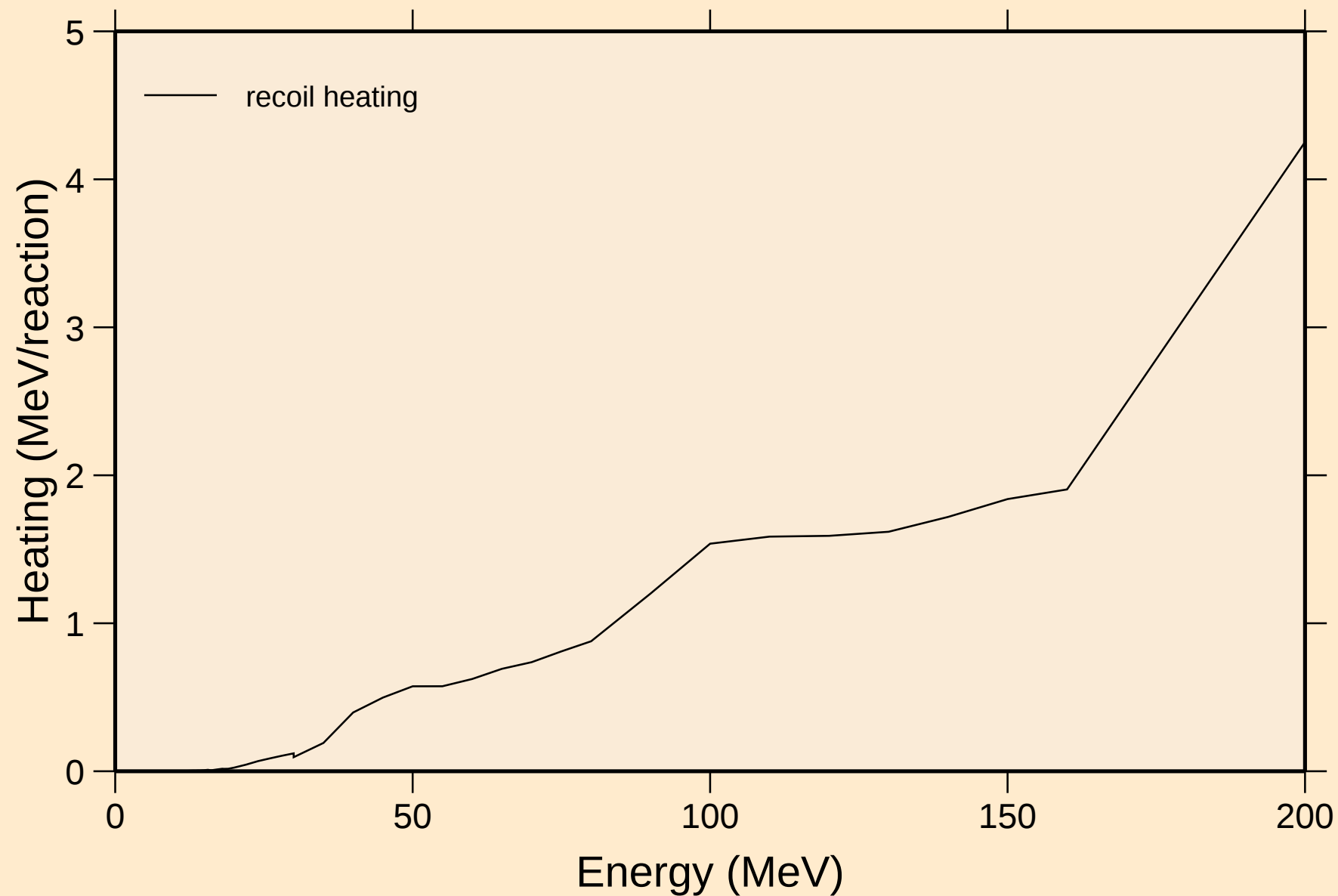
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



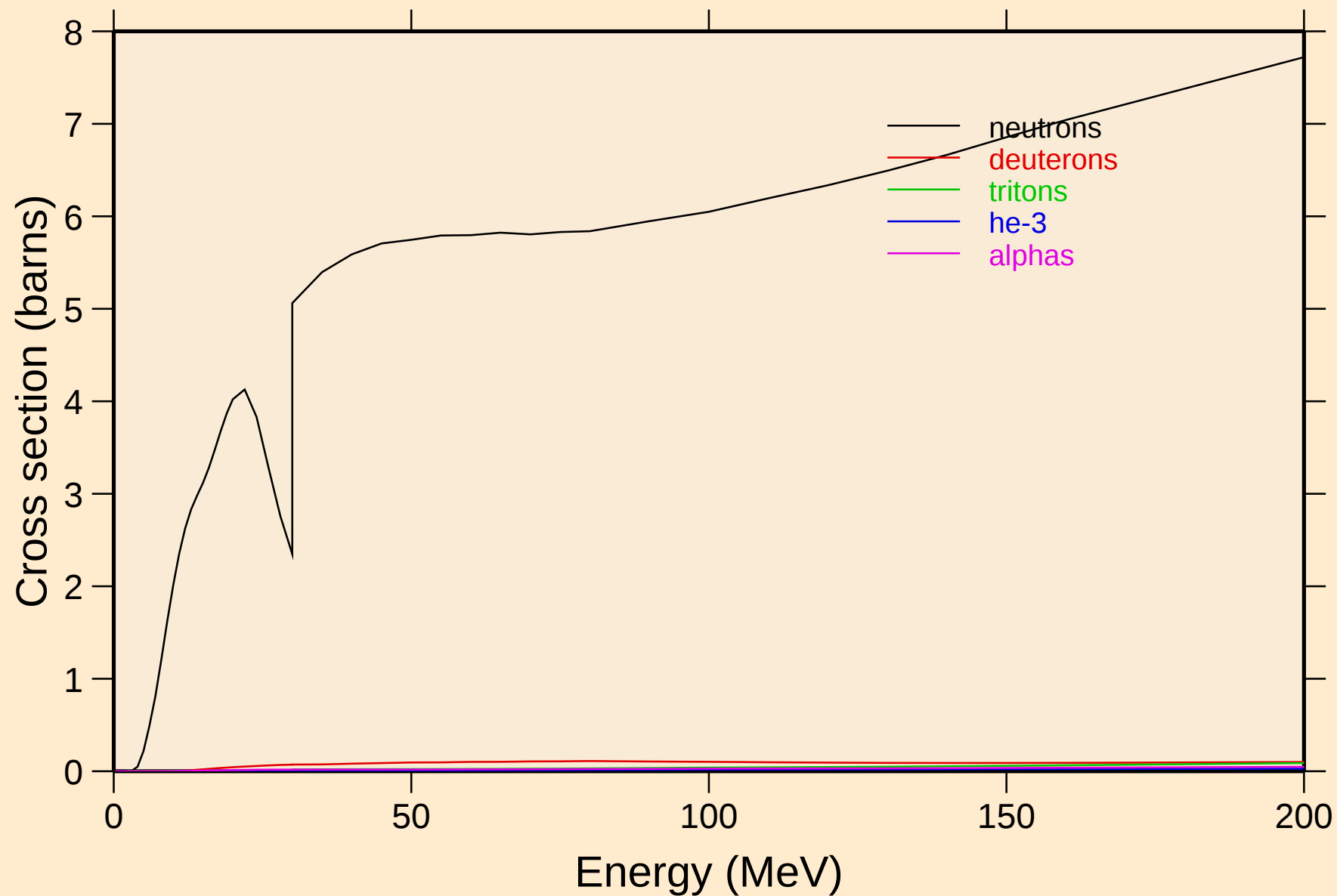
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

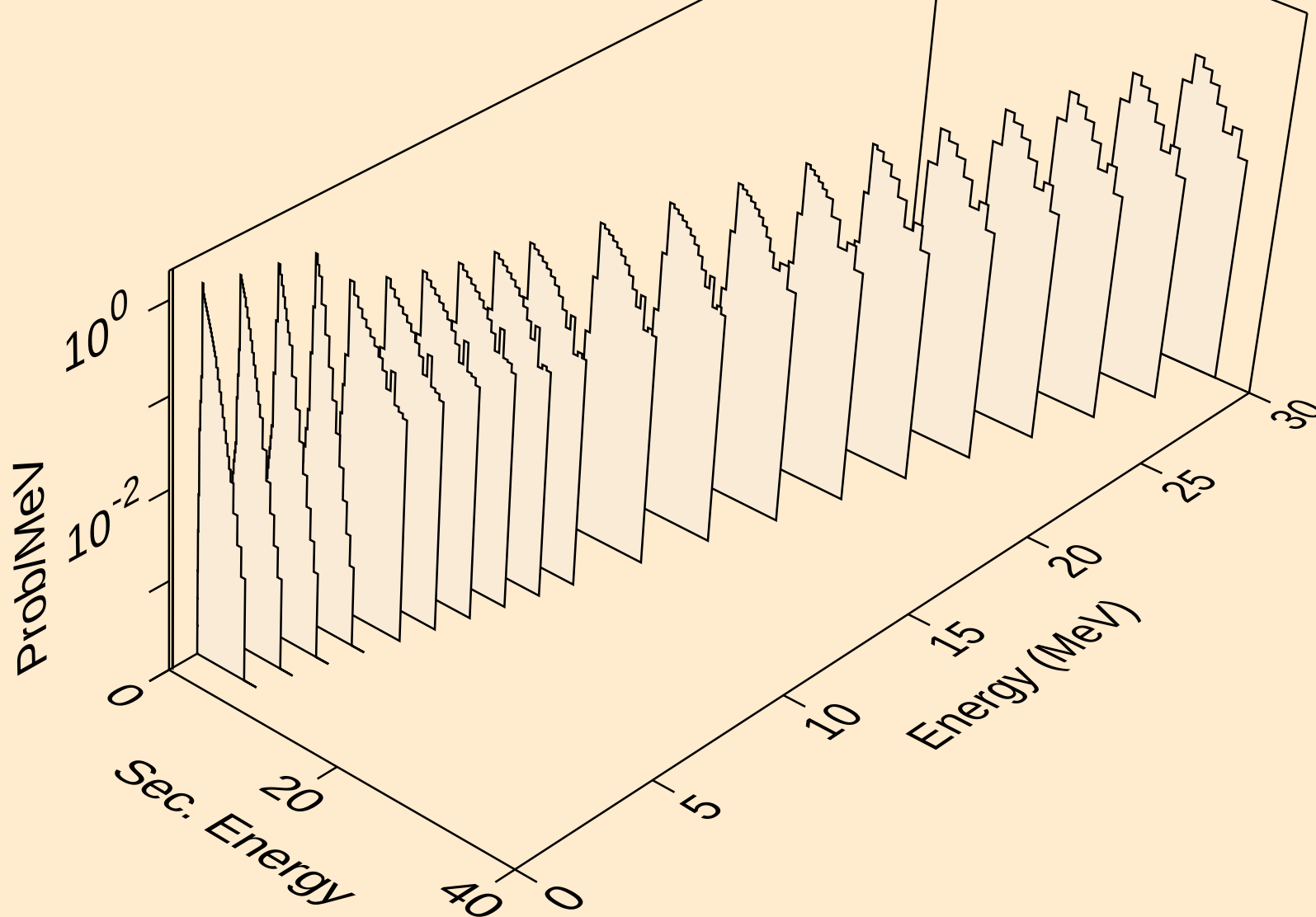


ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K

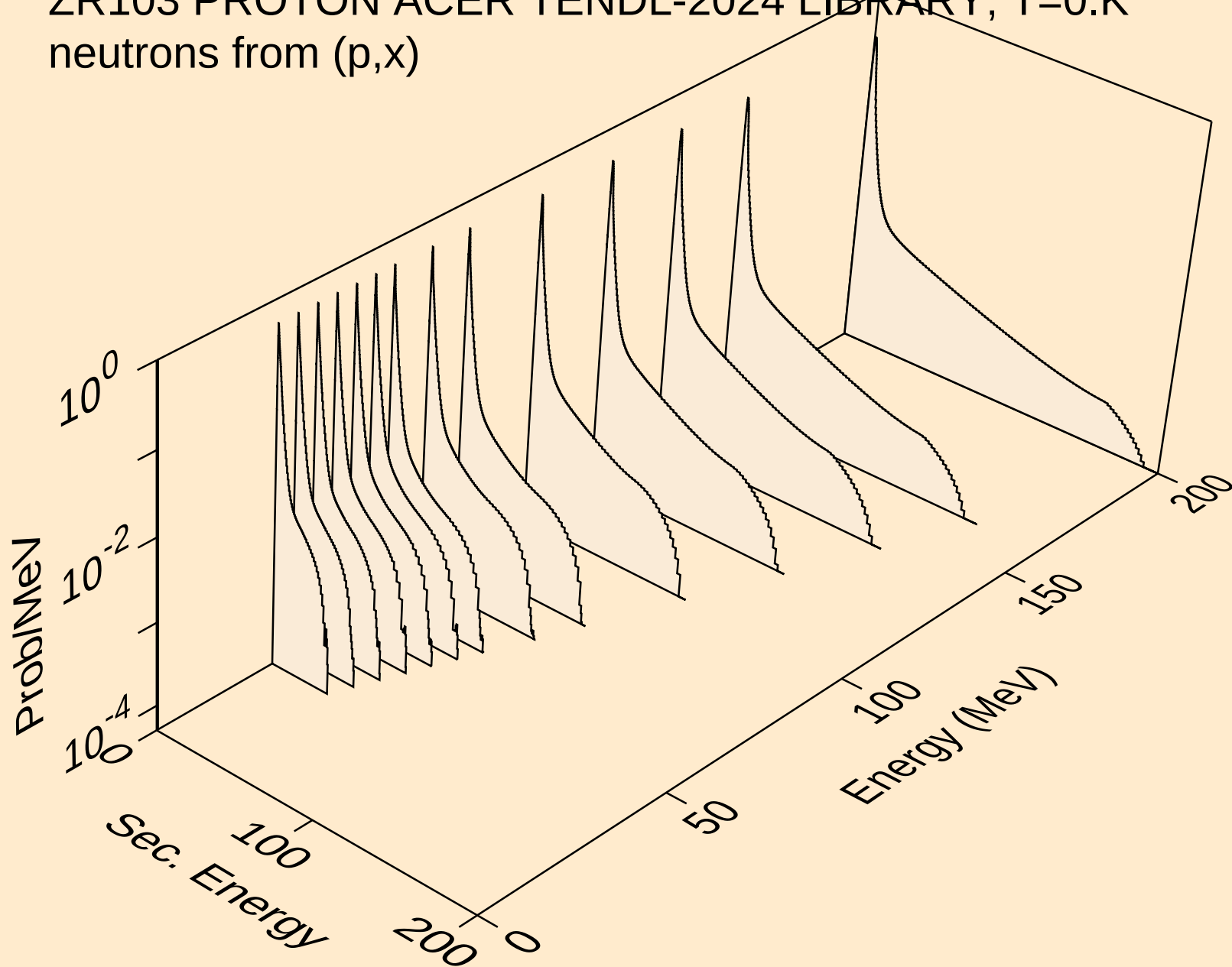
Particle production cross sections



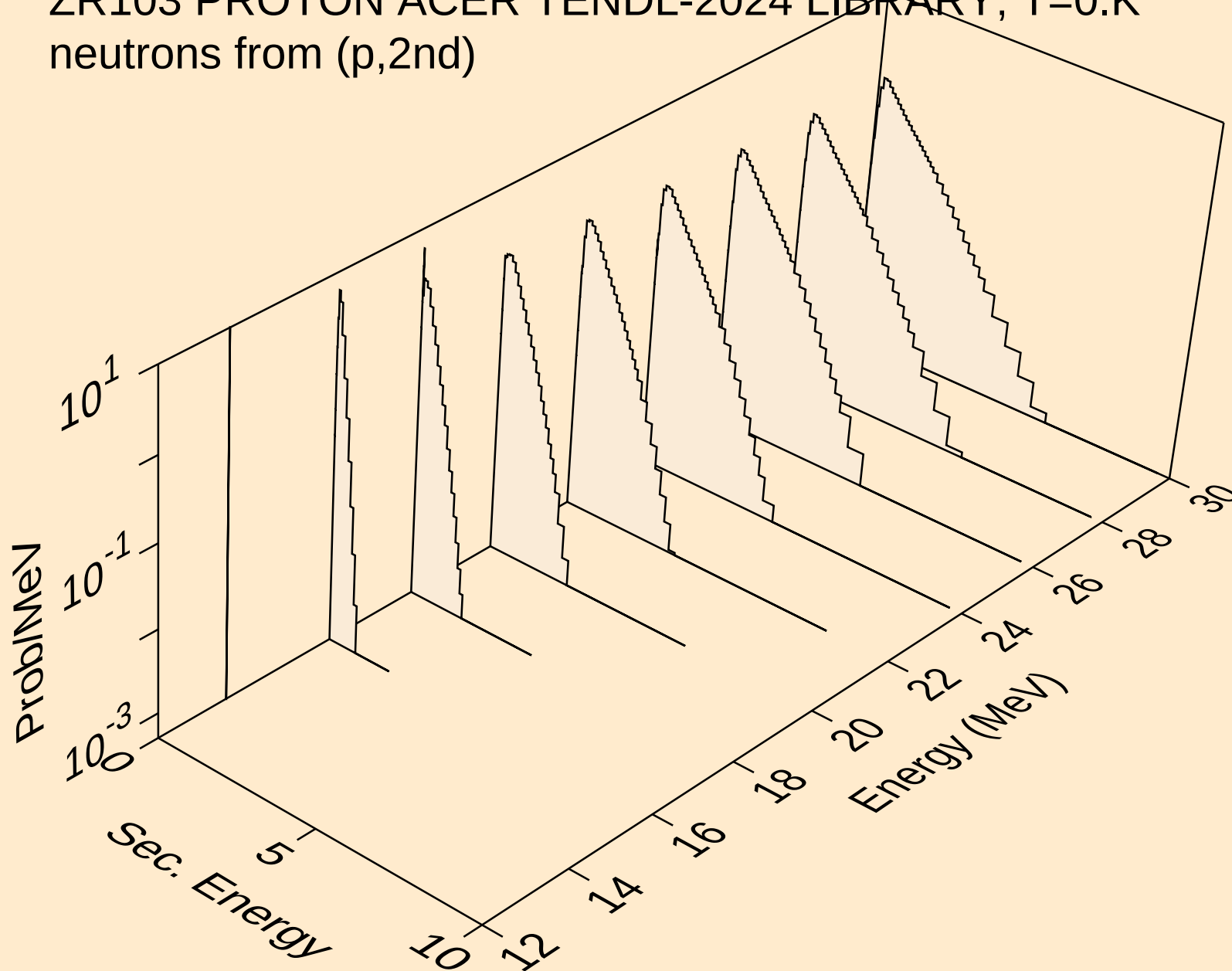
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n)



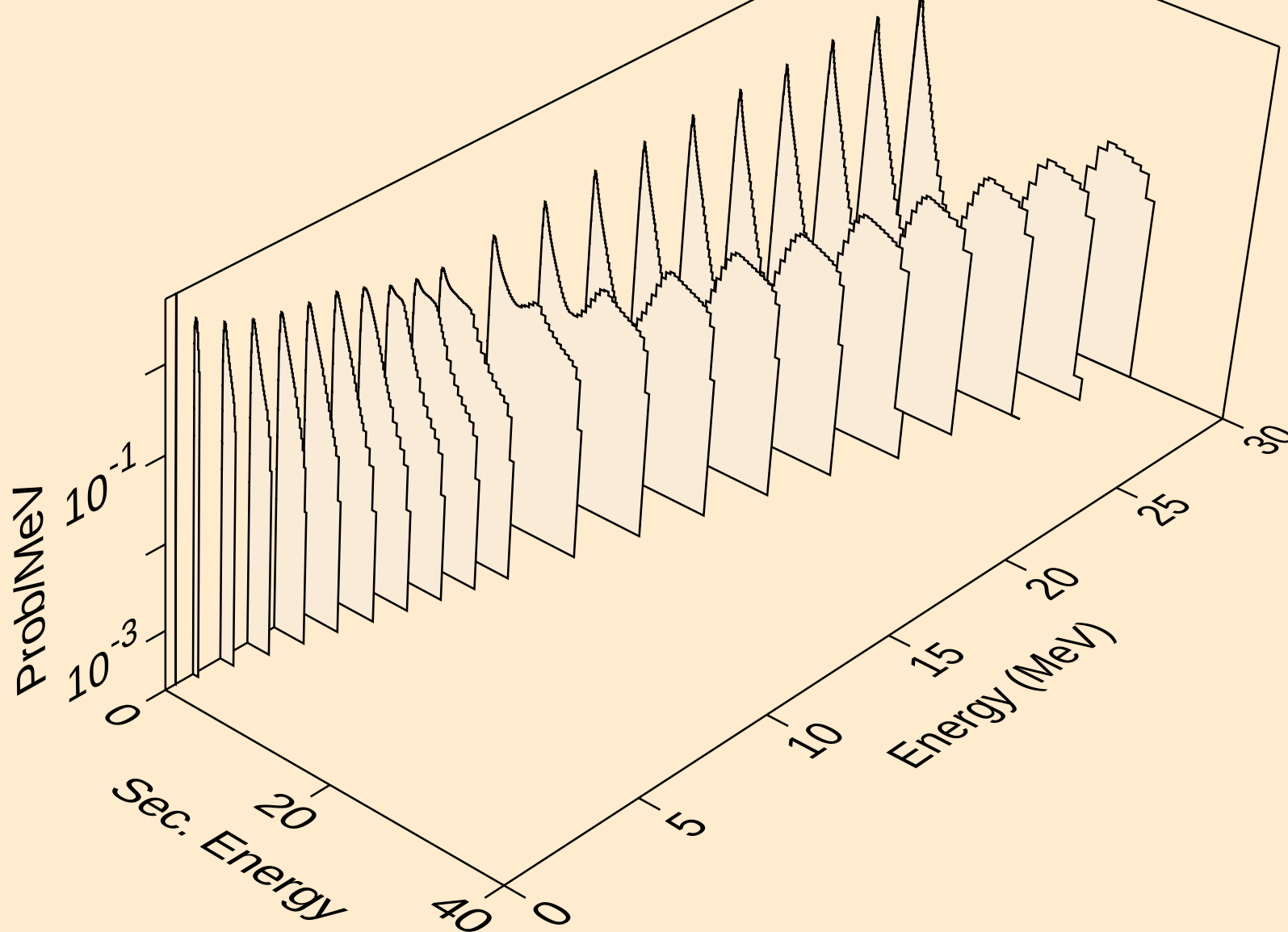
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,x)



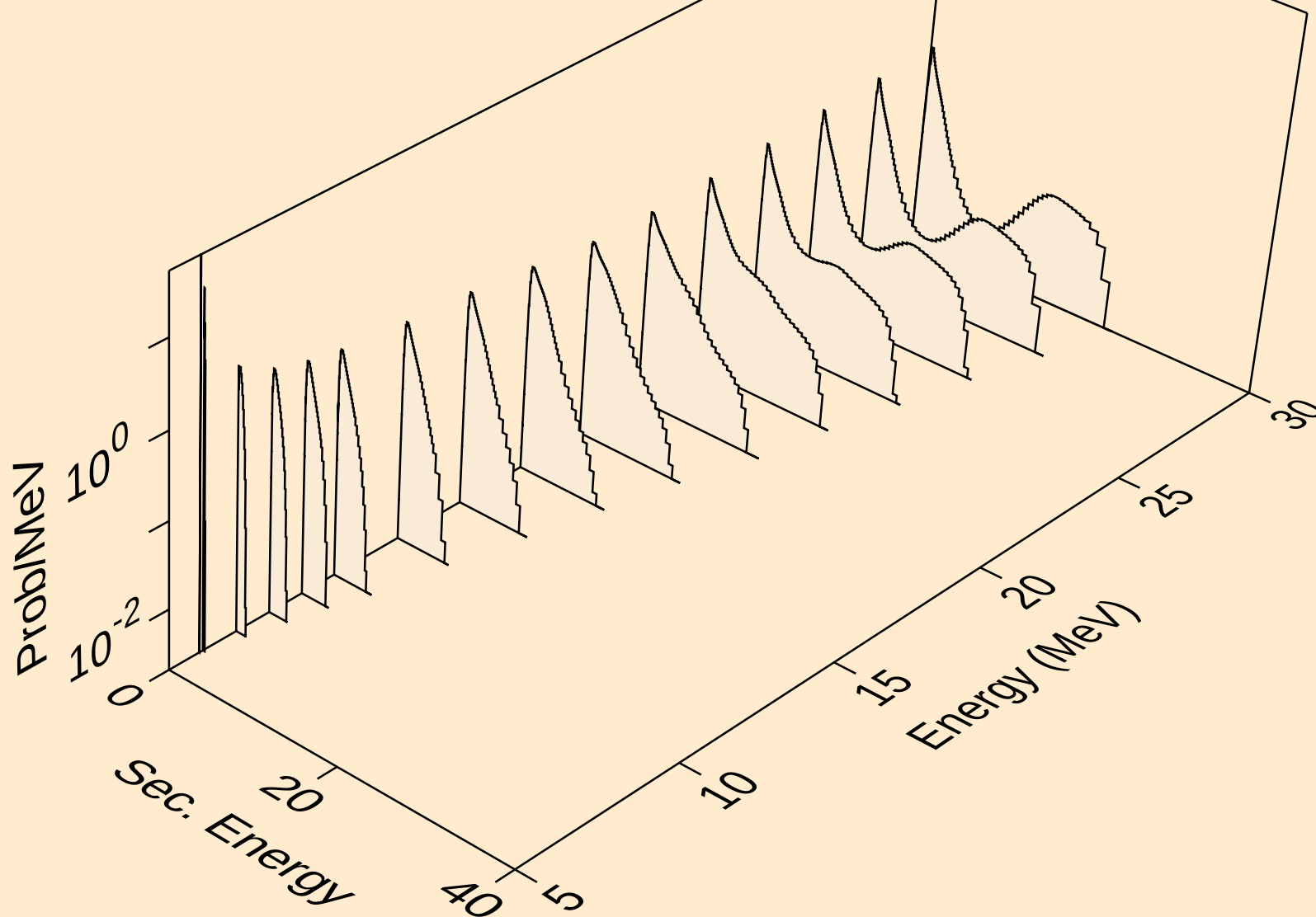
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2nd)



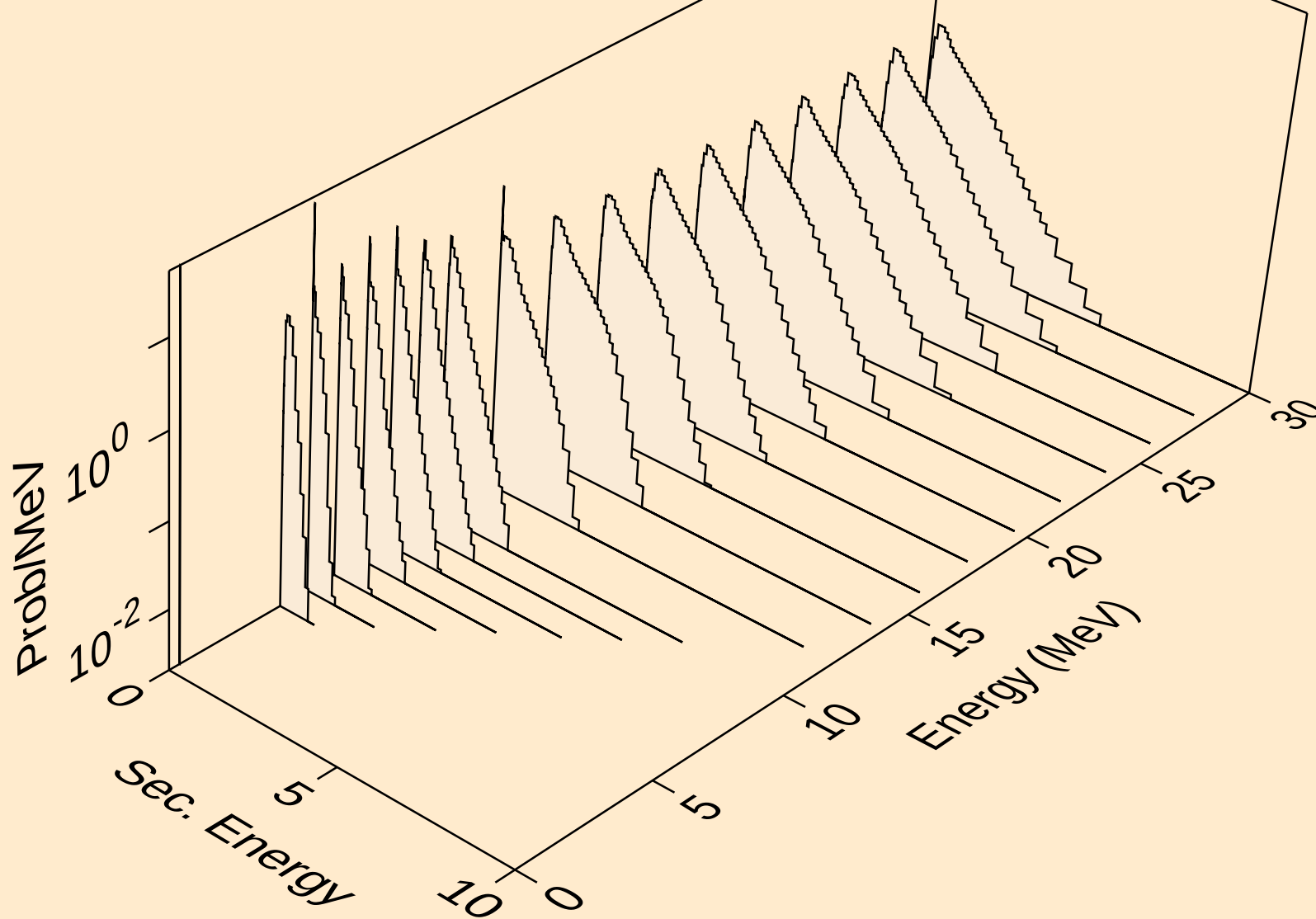
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neutrons from (p,2n)



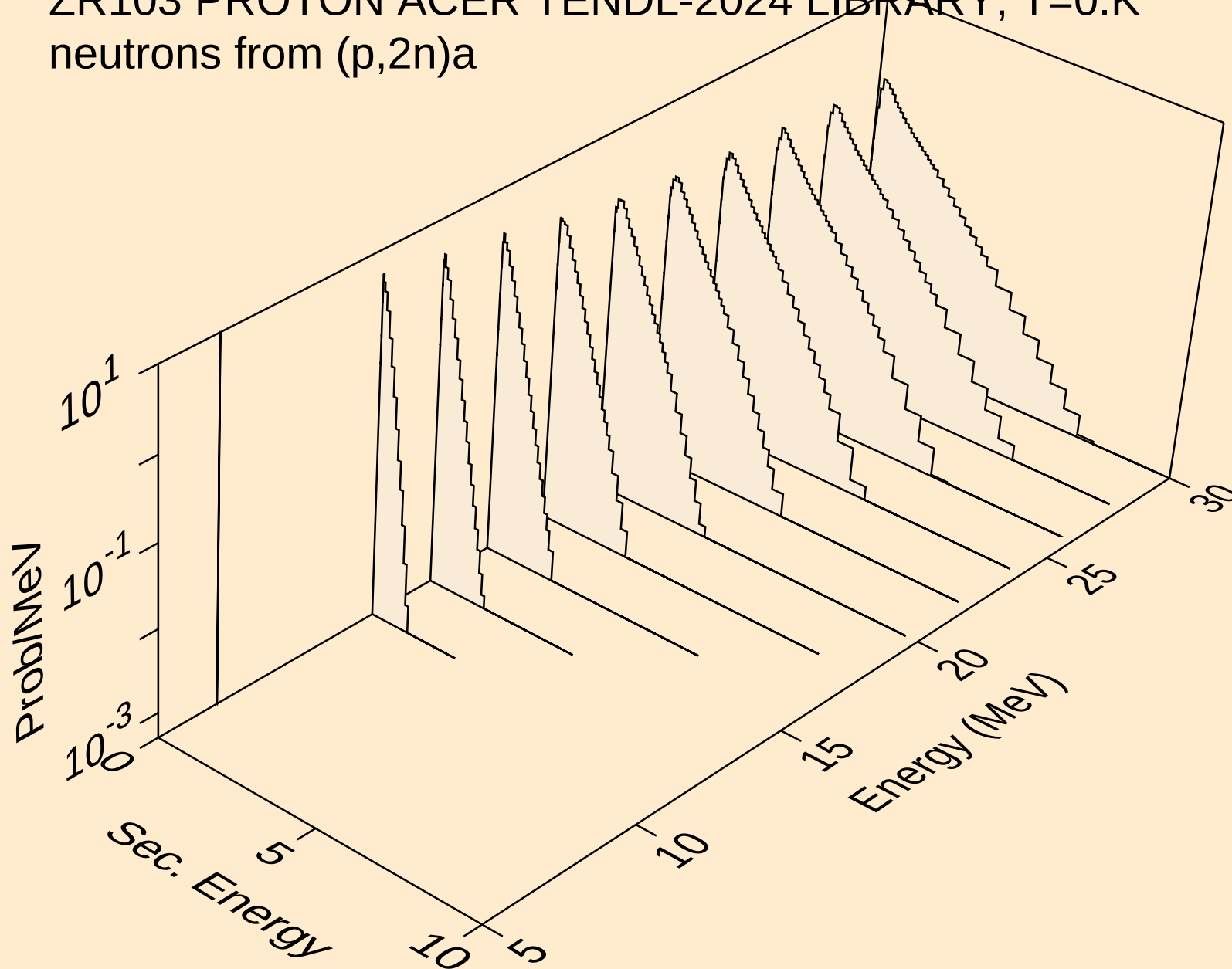
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3n)



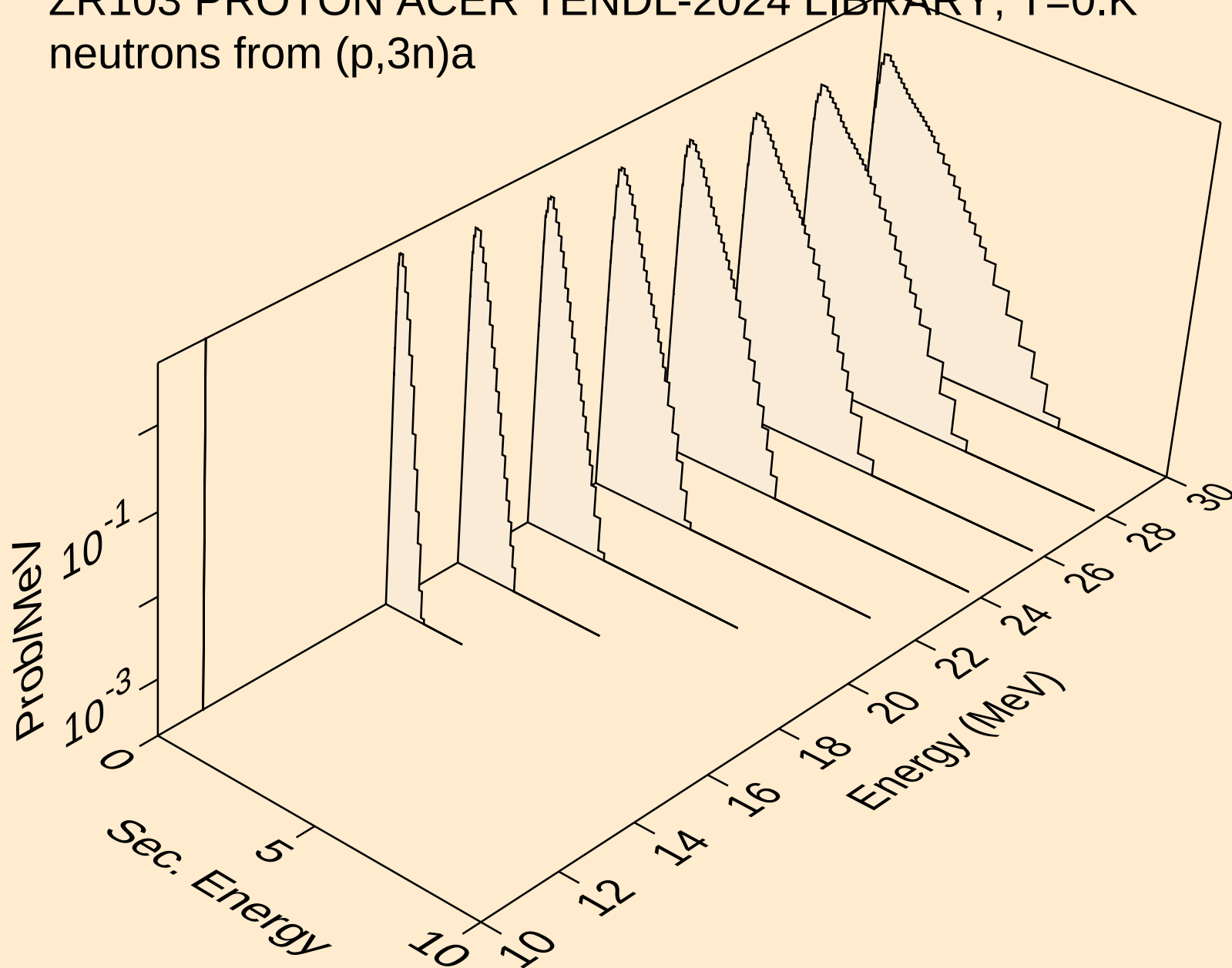
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)a



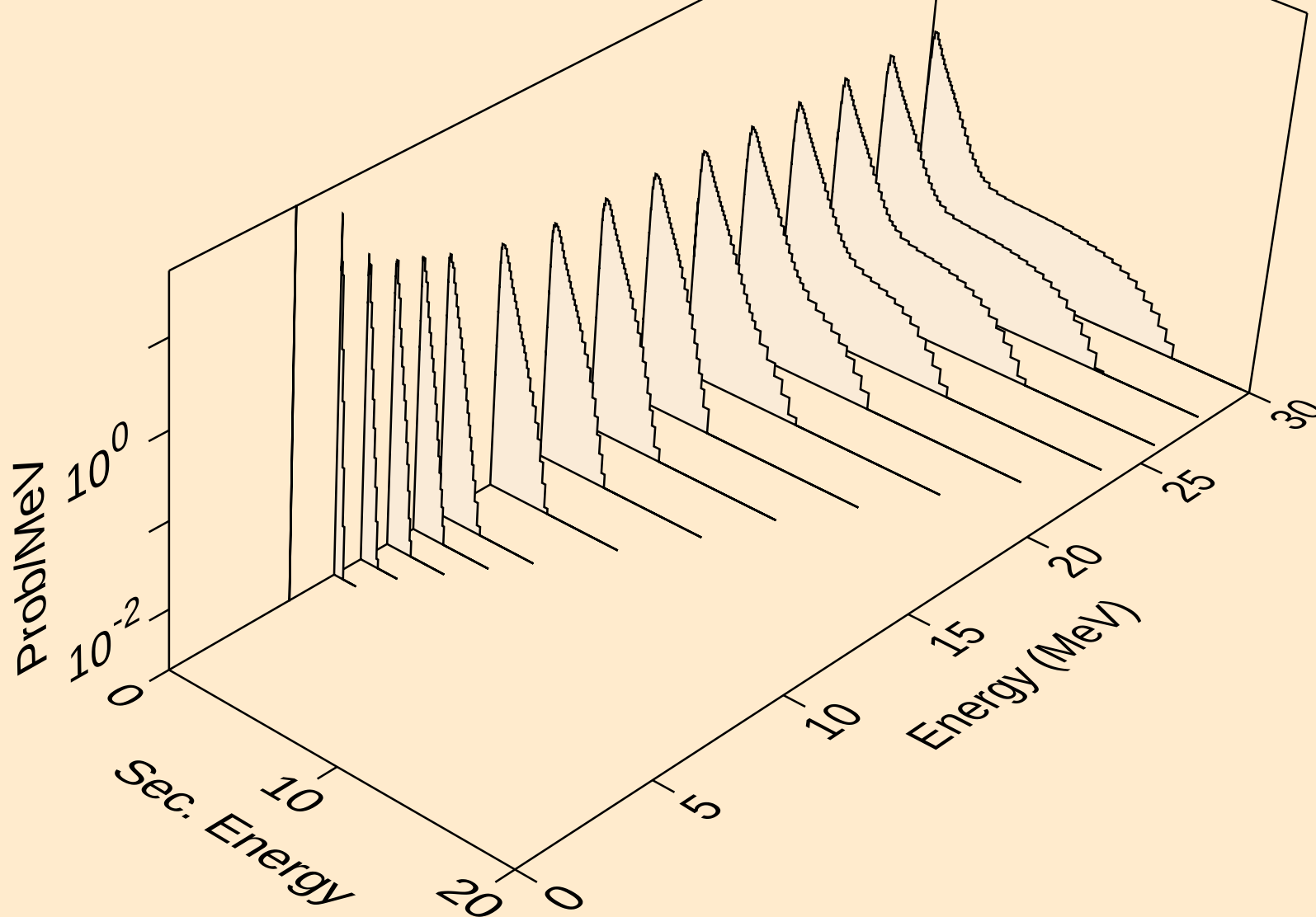
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2n)a



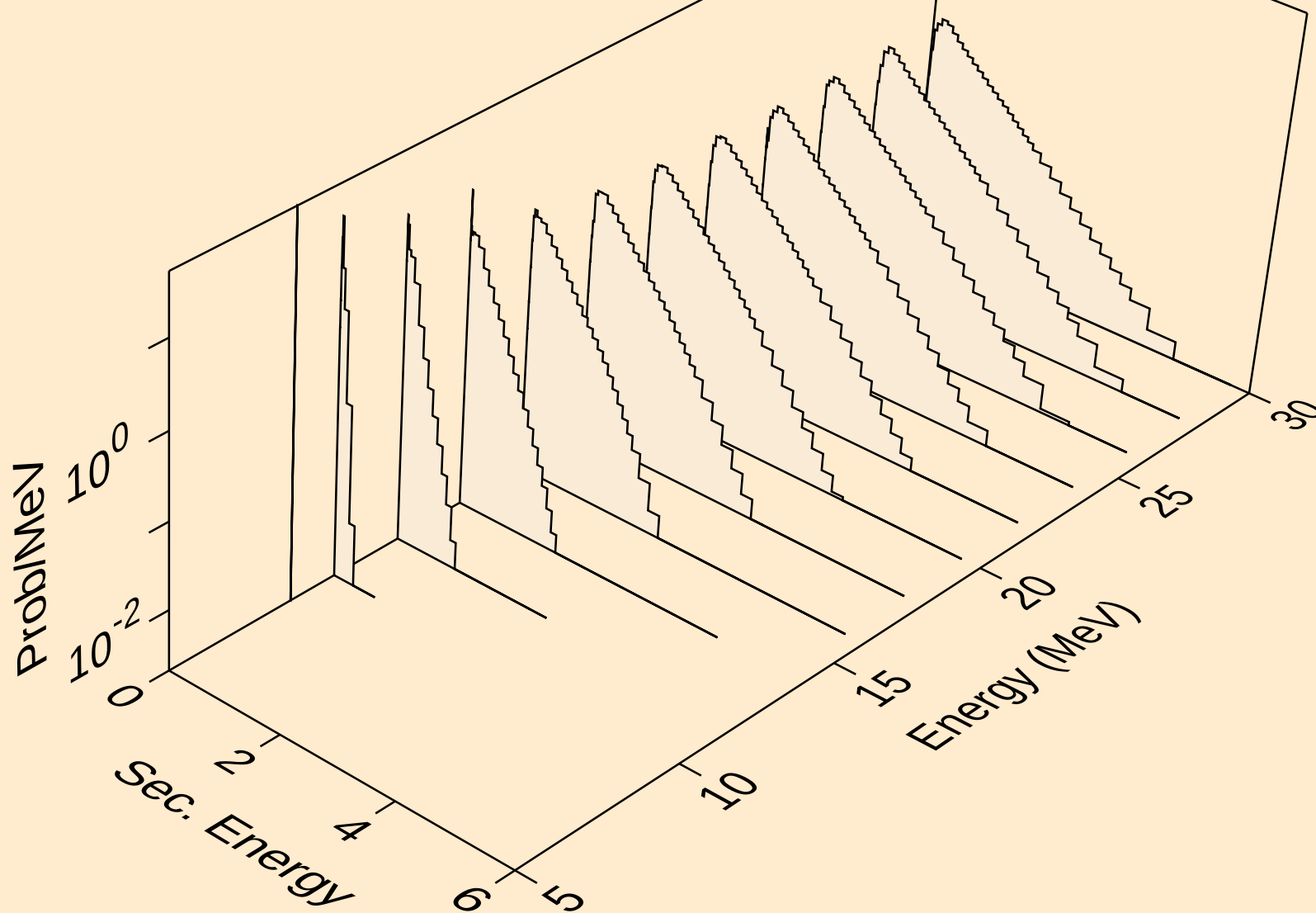
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3n)a



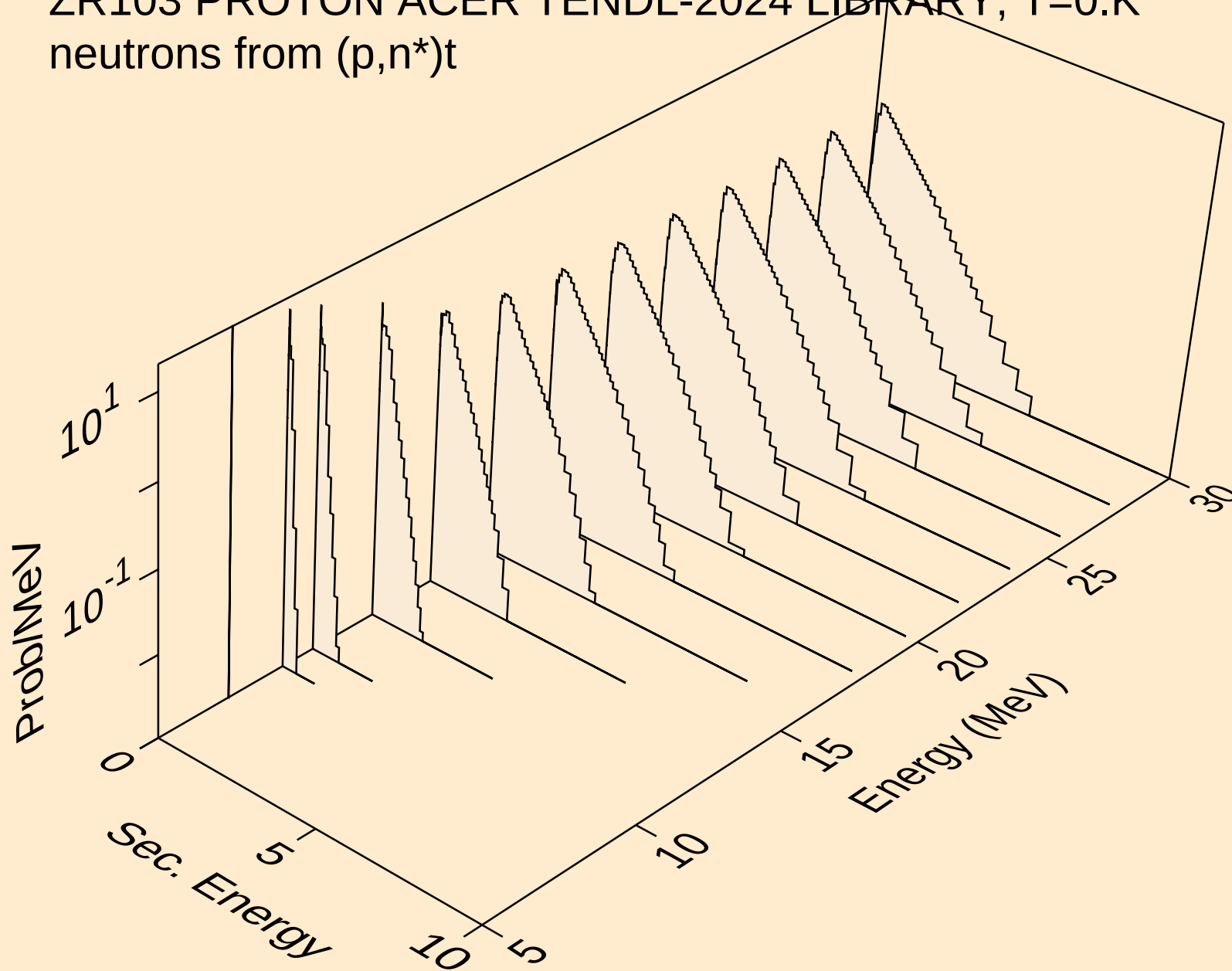
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)p



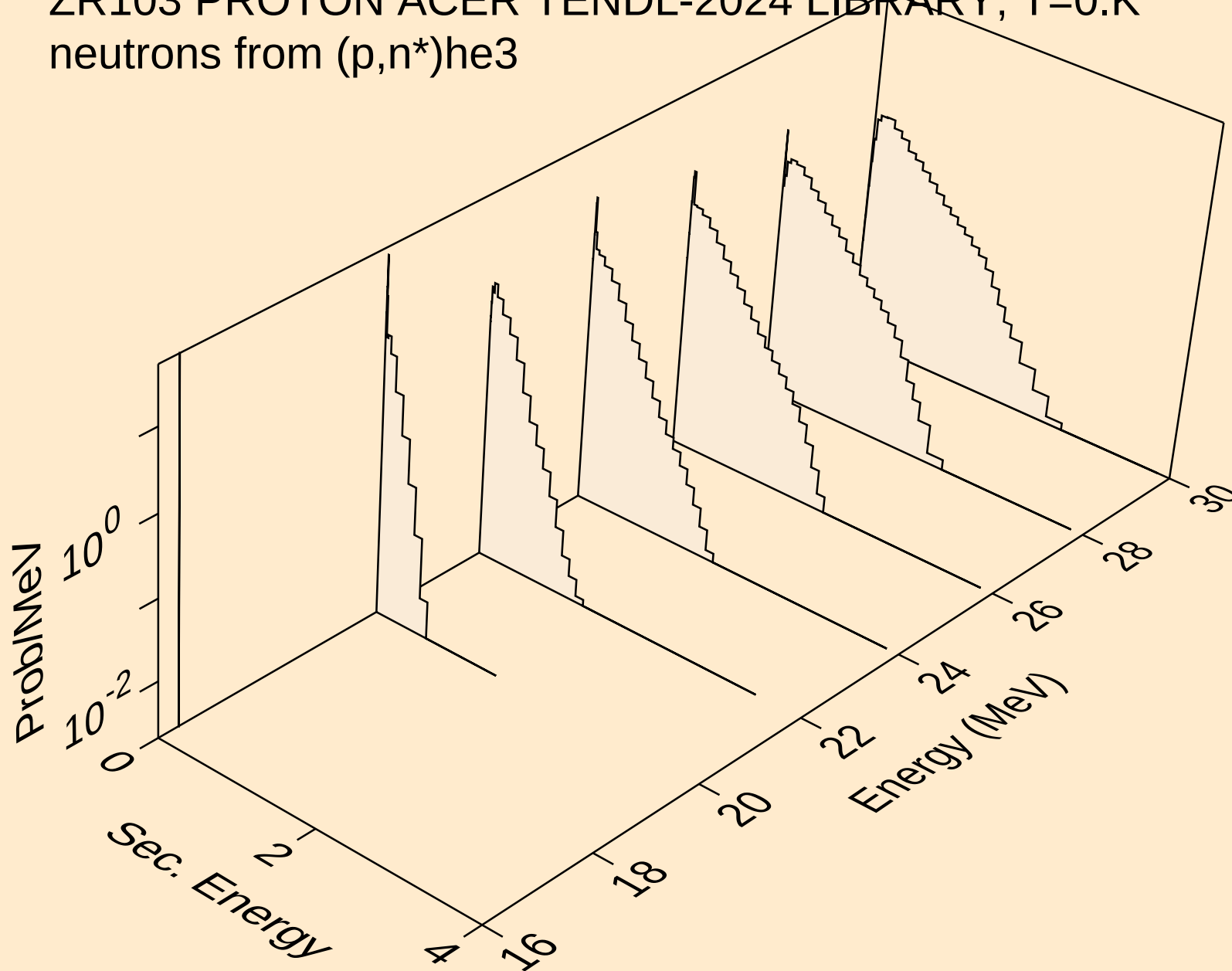
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)d



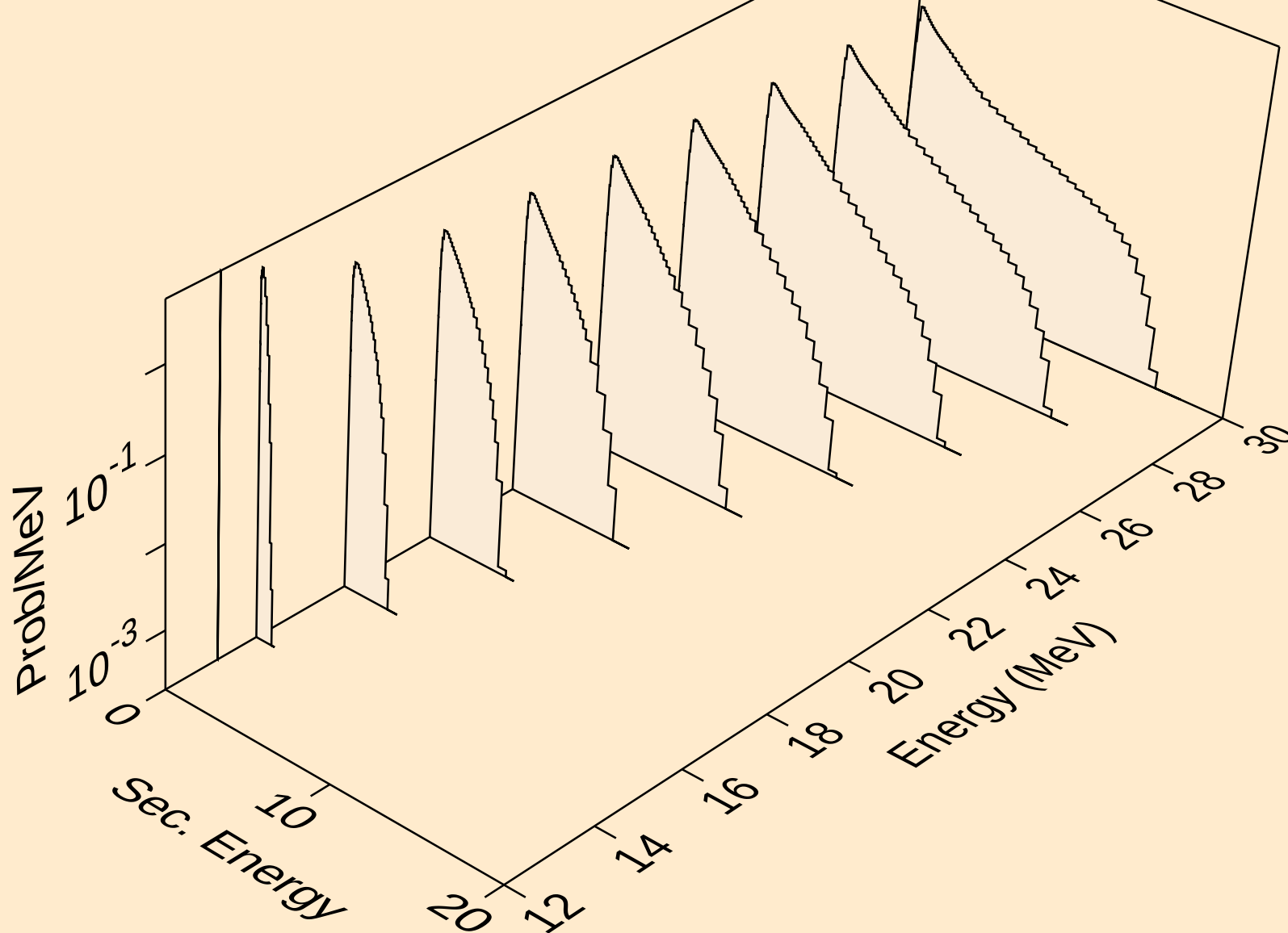
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)t



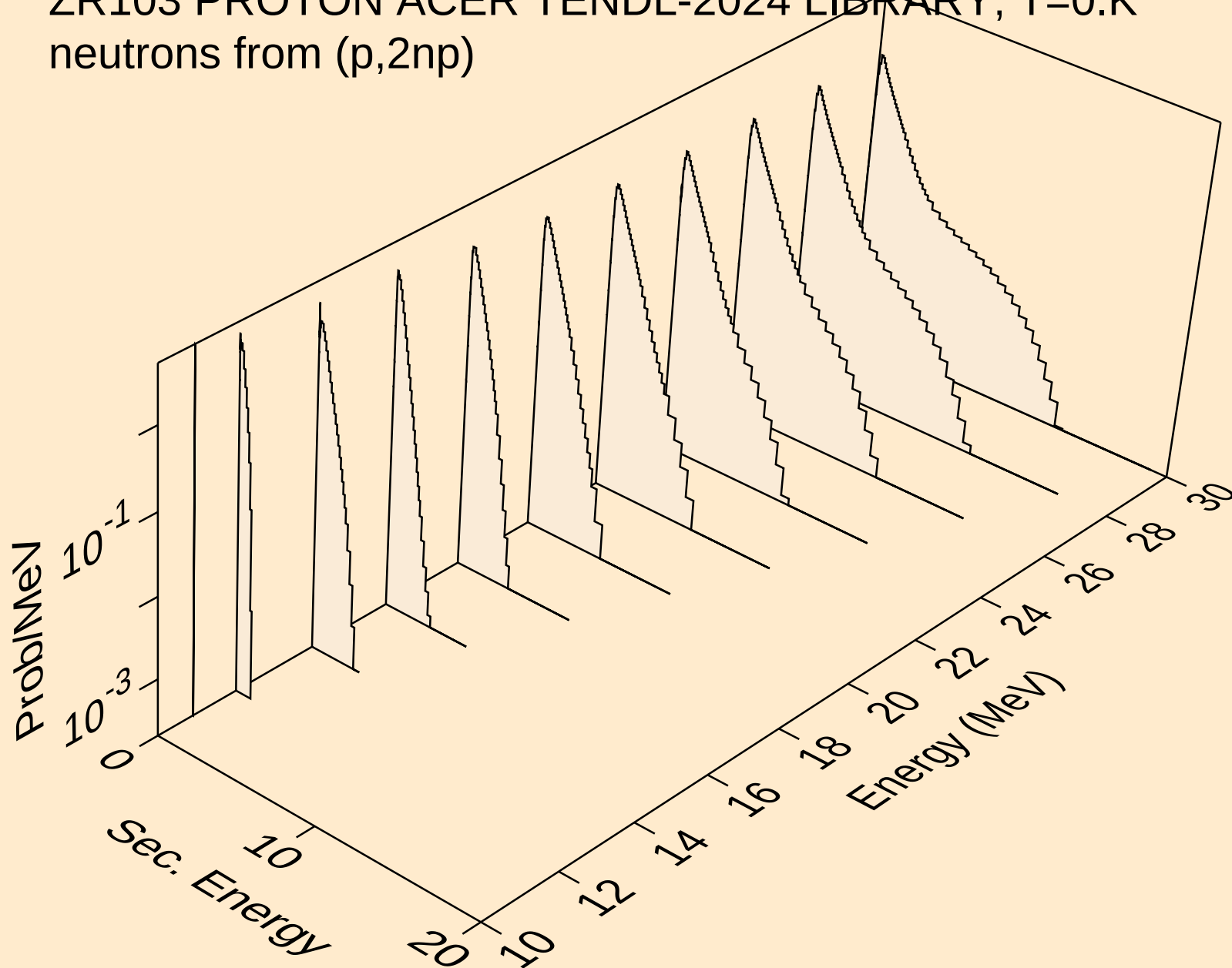
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)he3



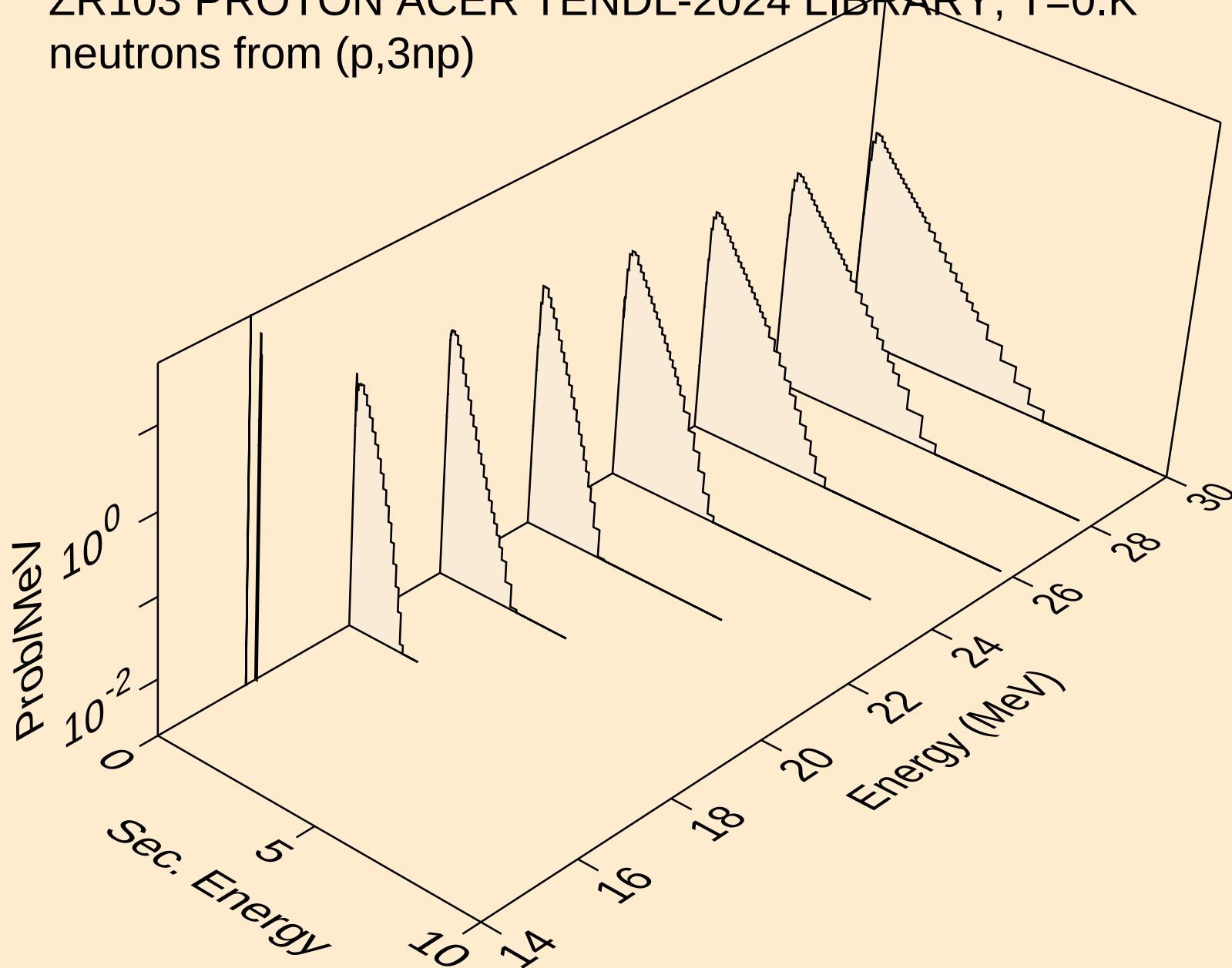
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,4n)



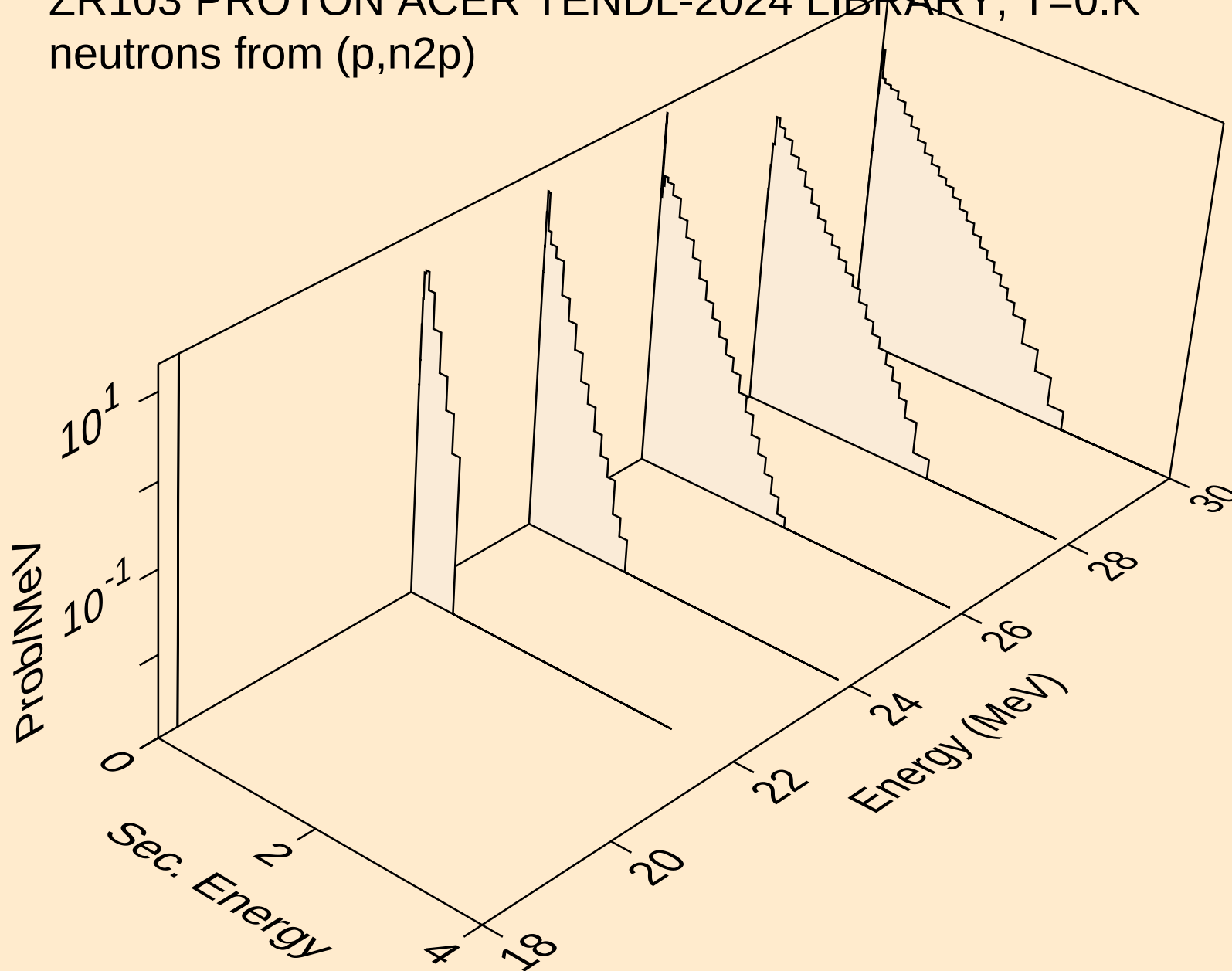
ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
neutrons from (p,2np)



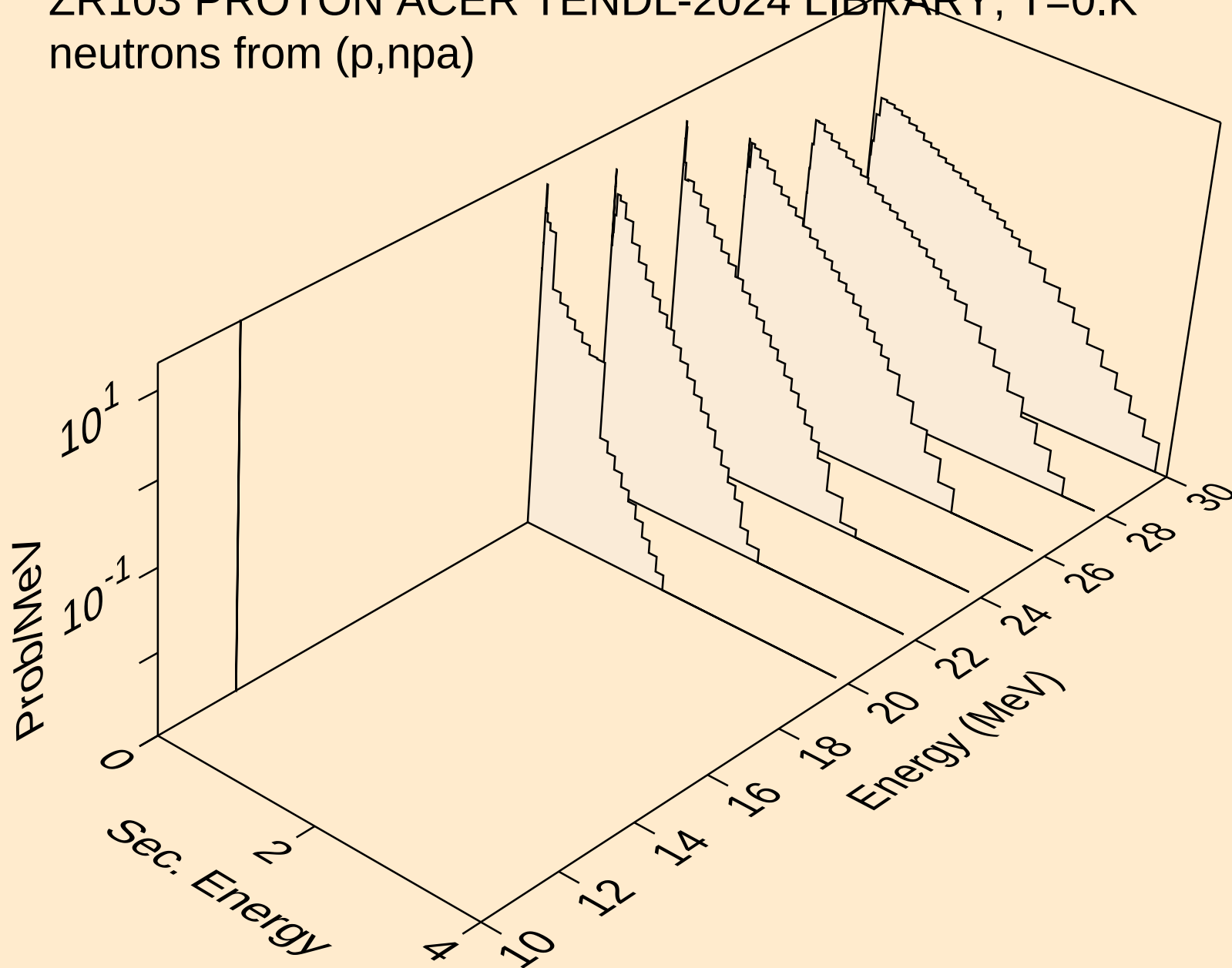
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3np)



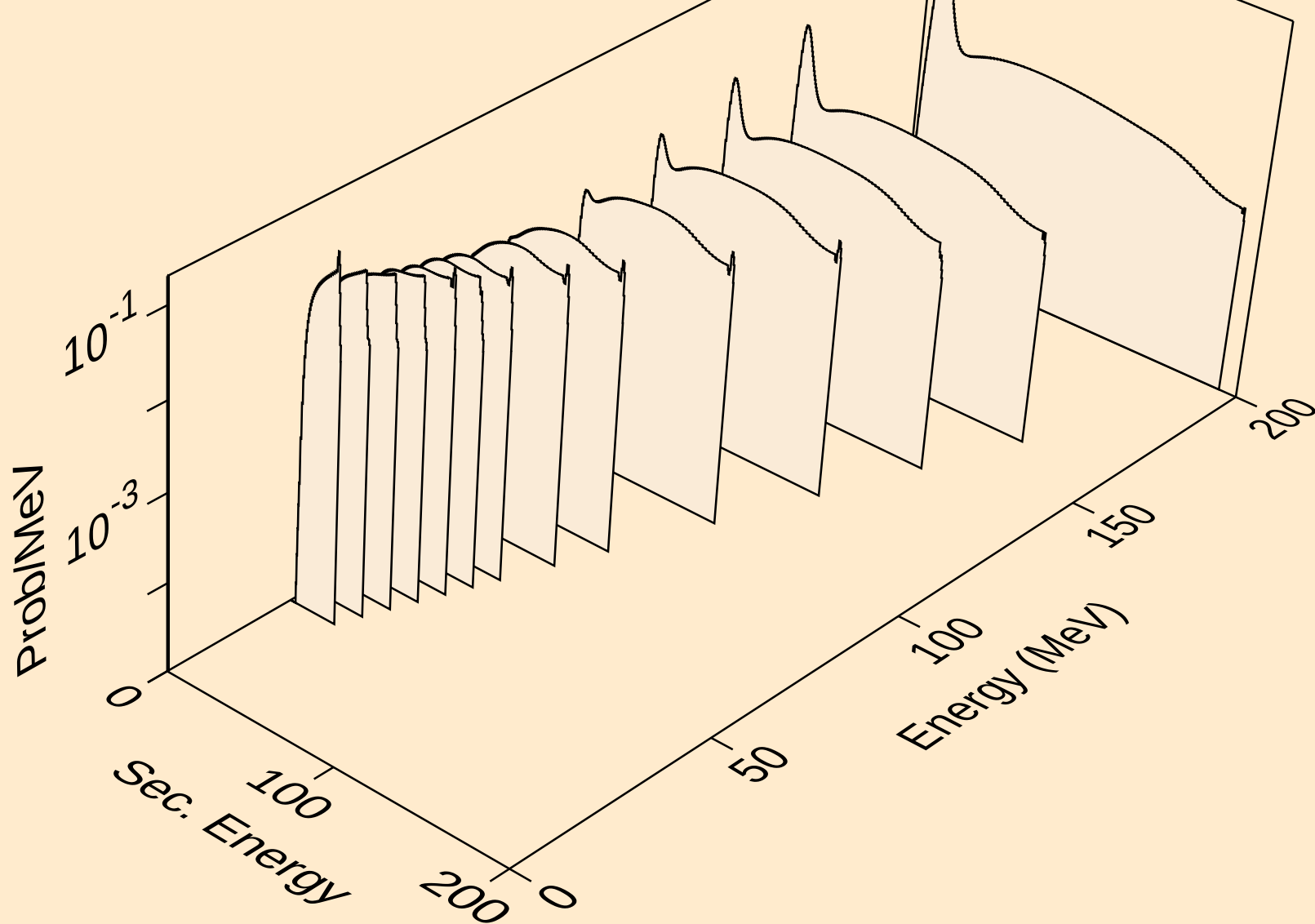
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n2p)



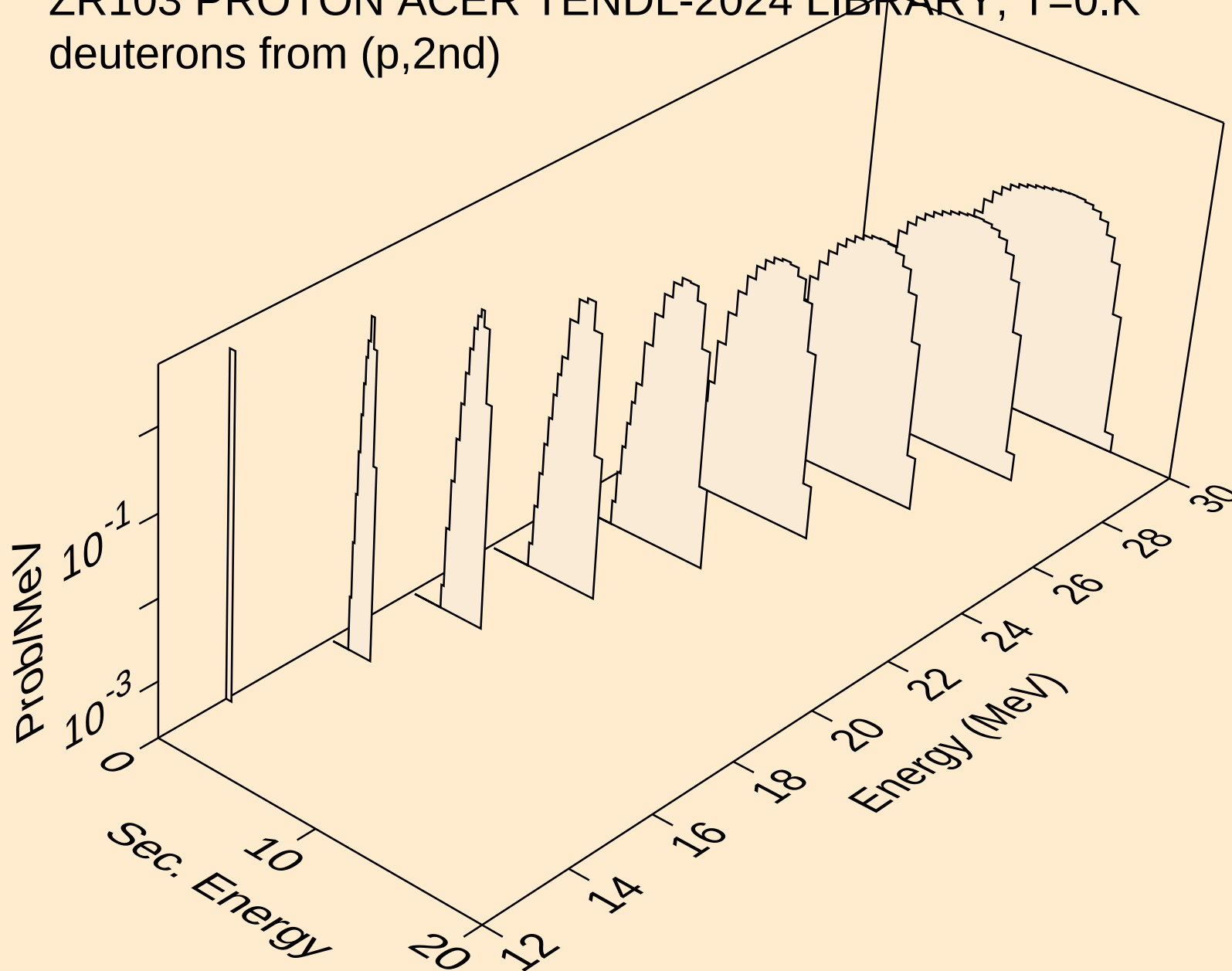
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,npa)



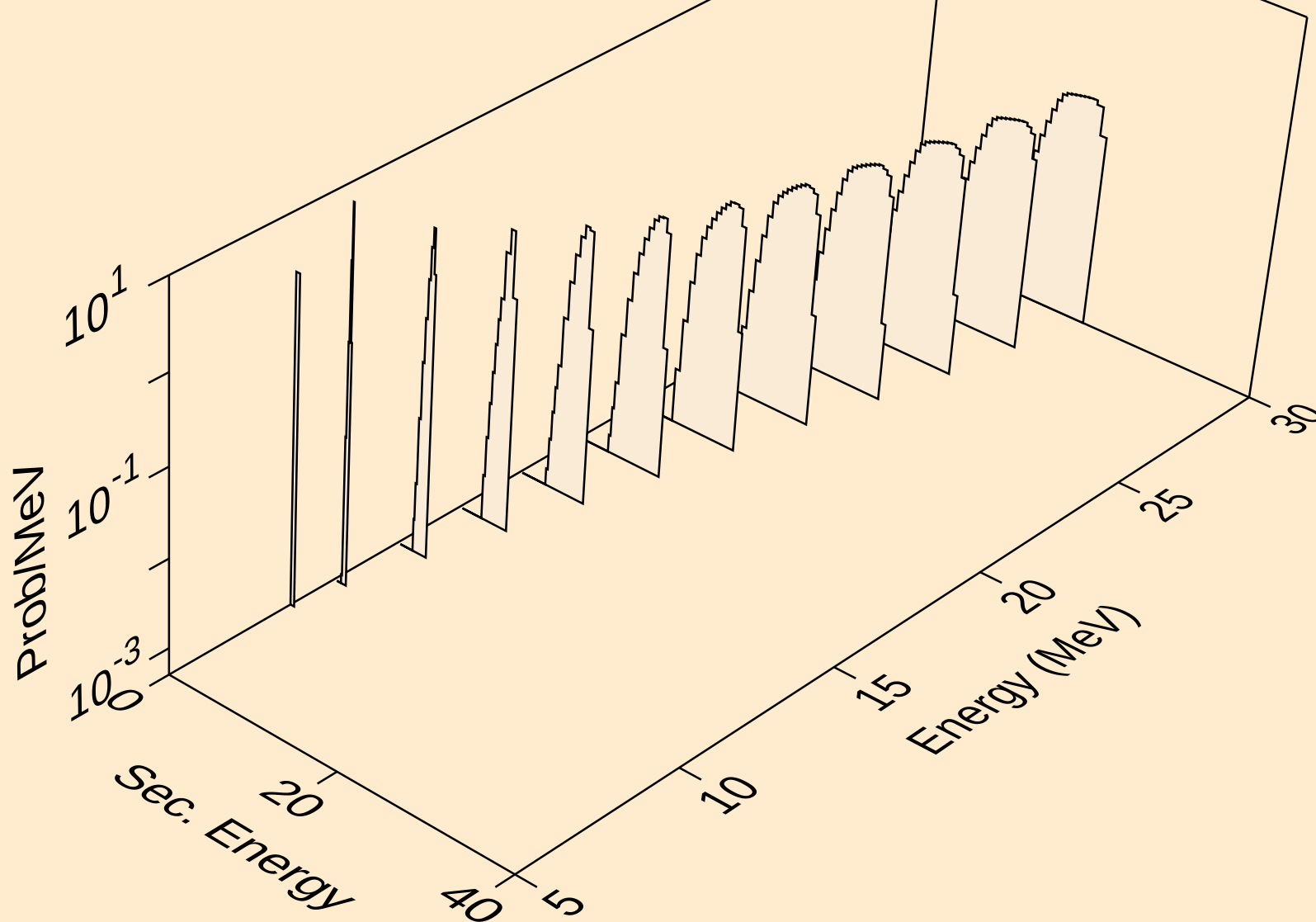
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,x)



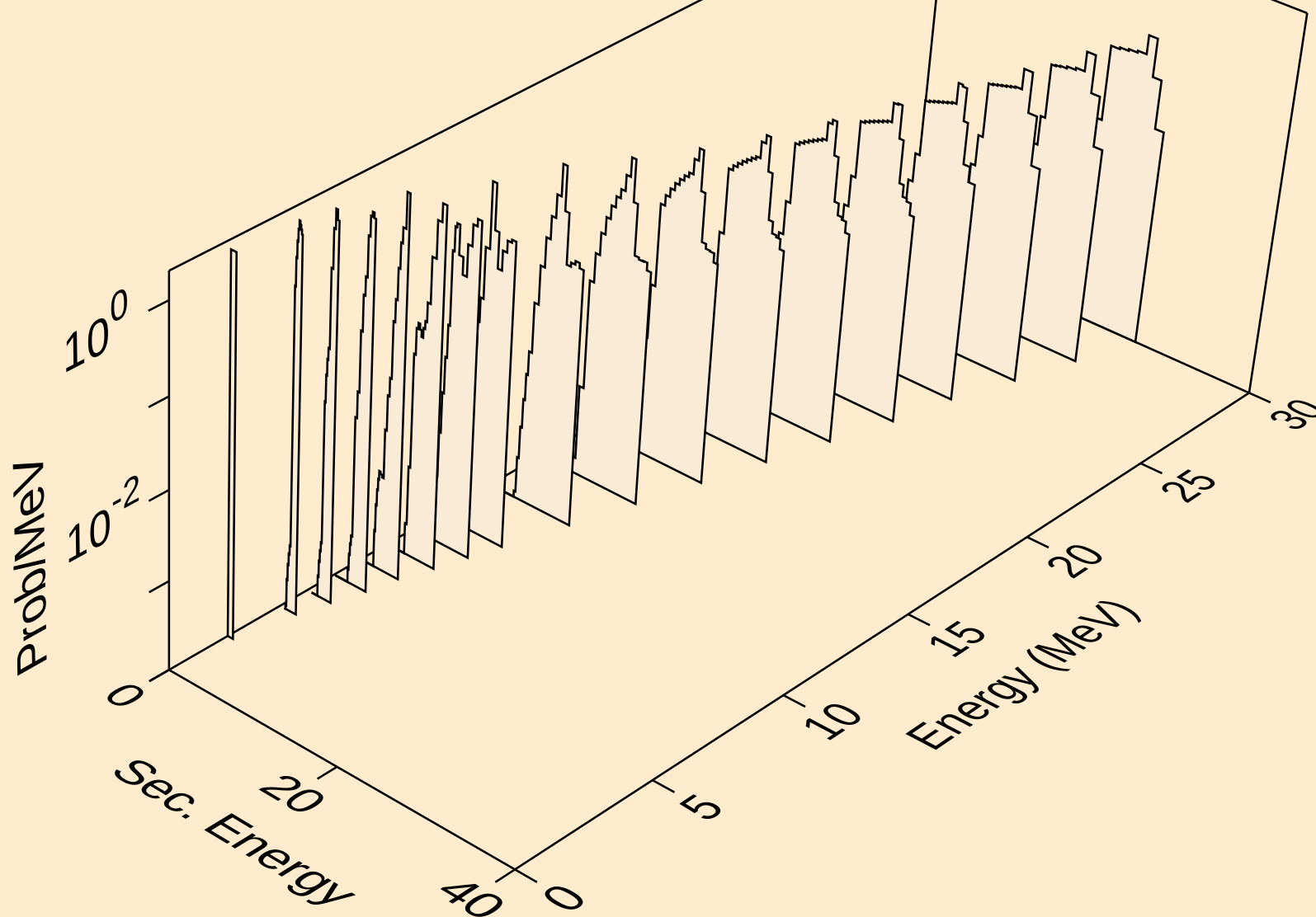
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,2nd)



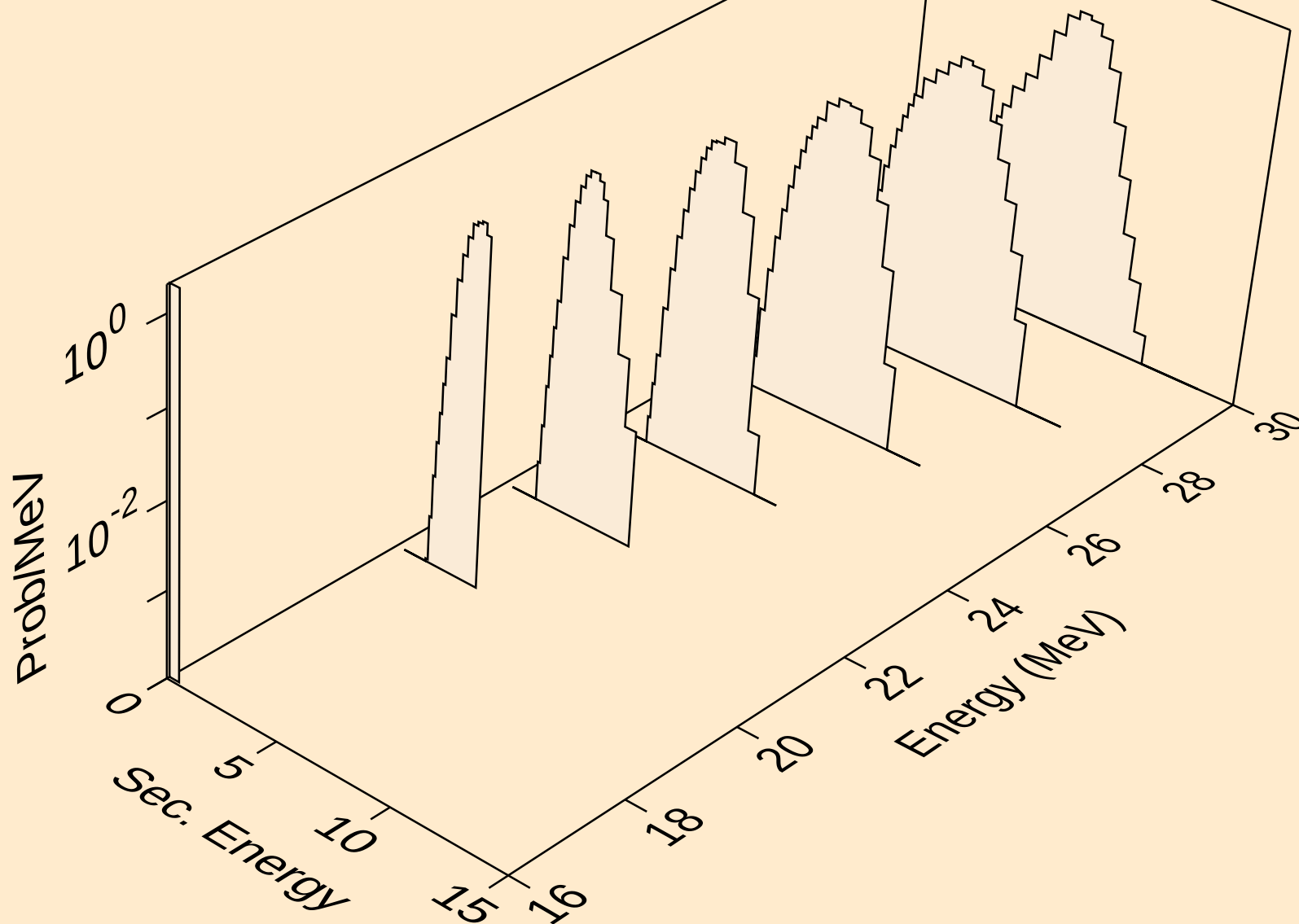
ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
deuterons from $(p,n^*)d$



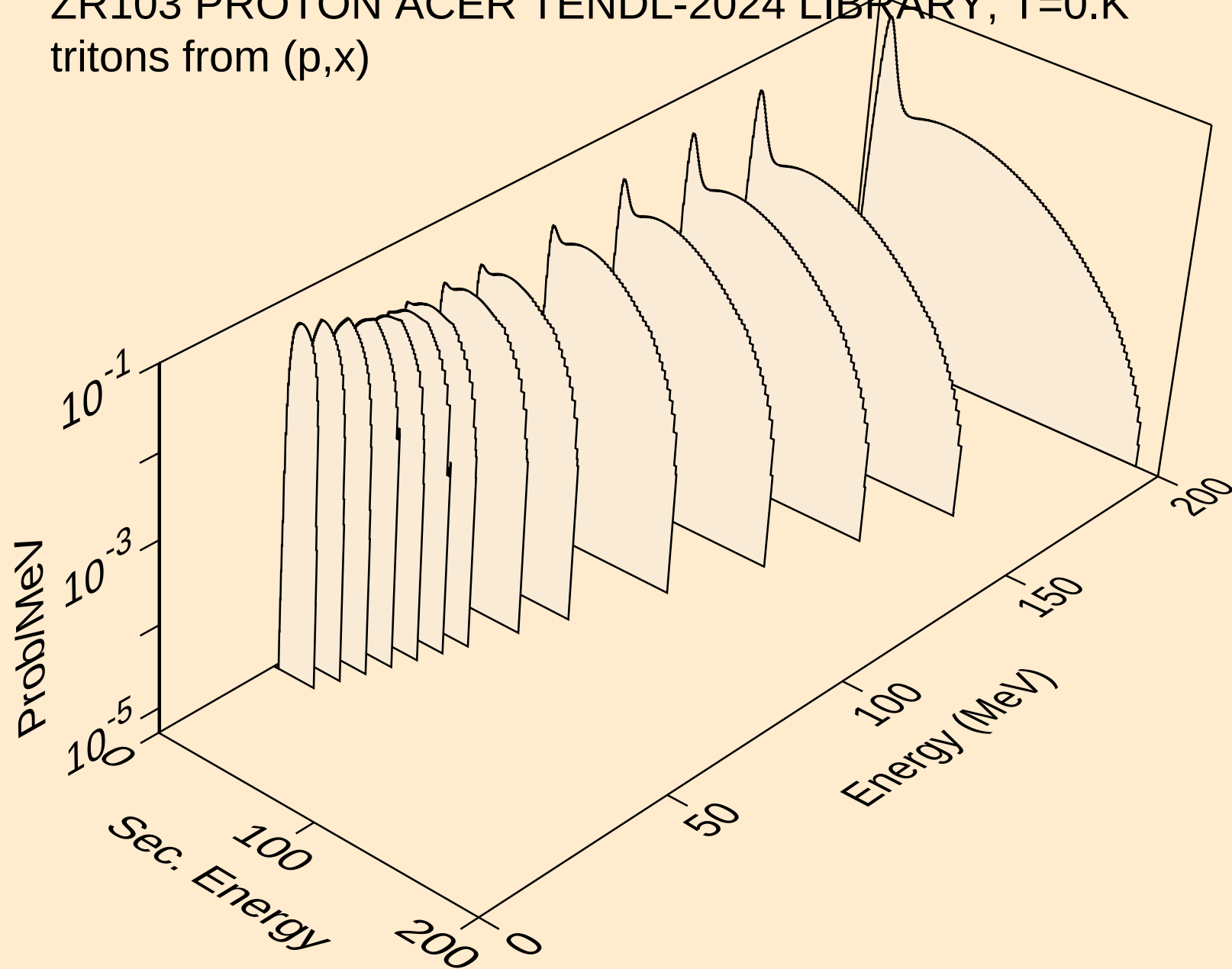
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,d)



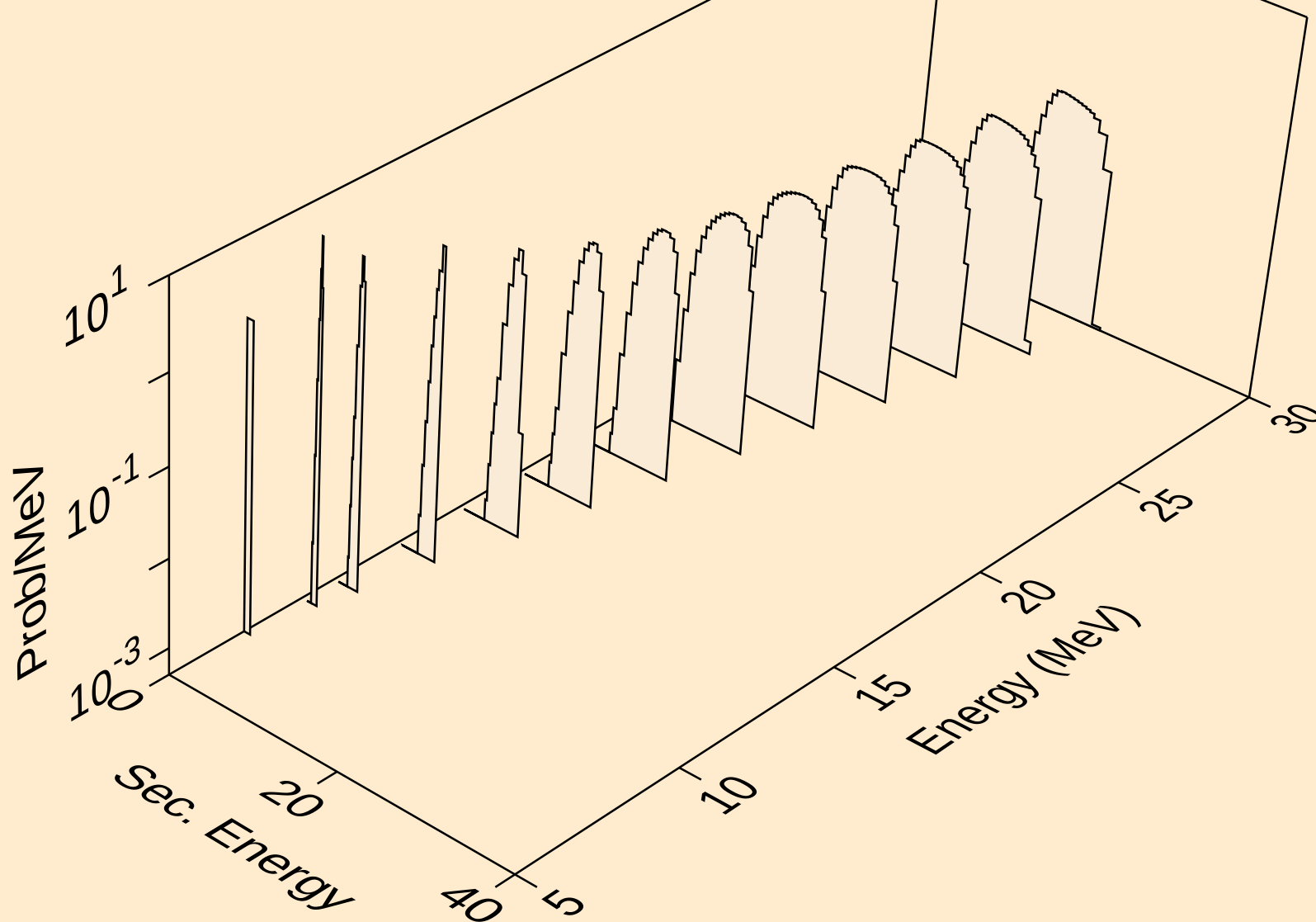
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,pd)



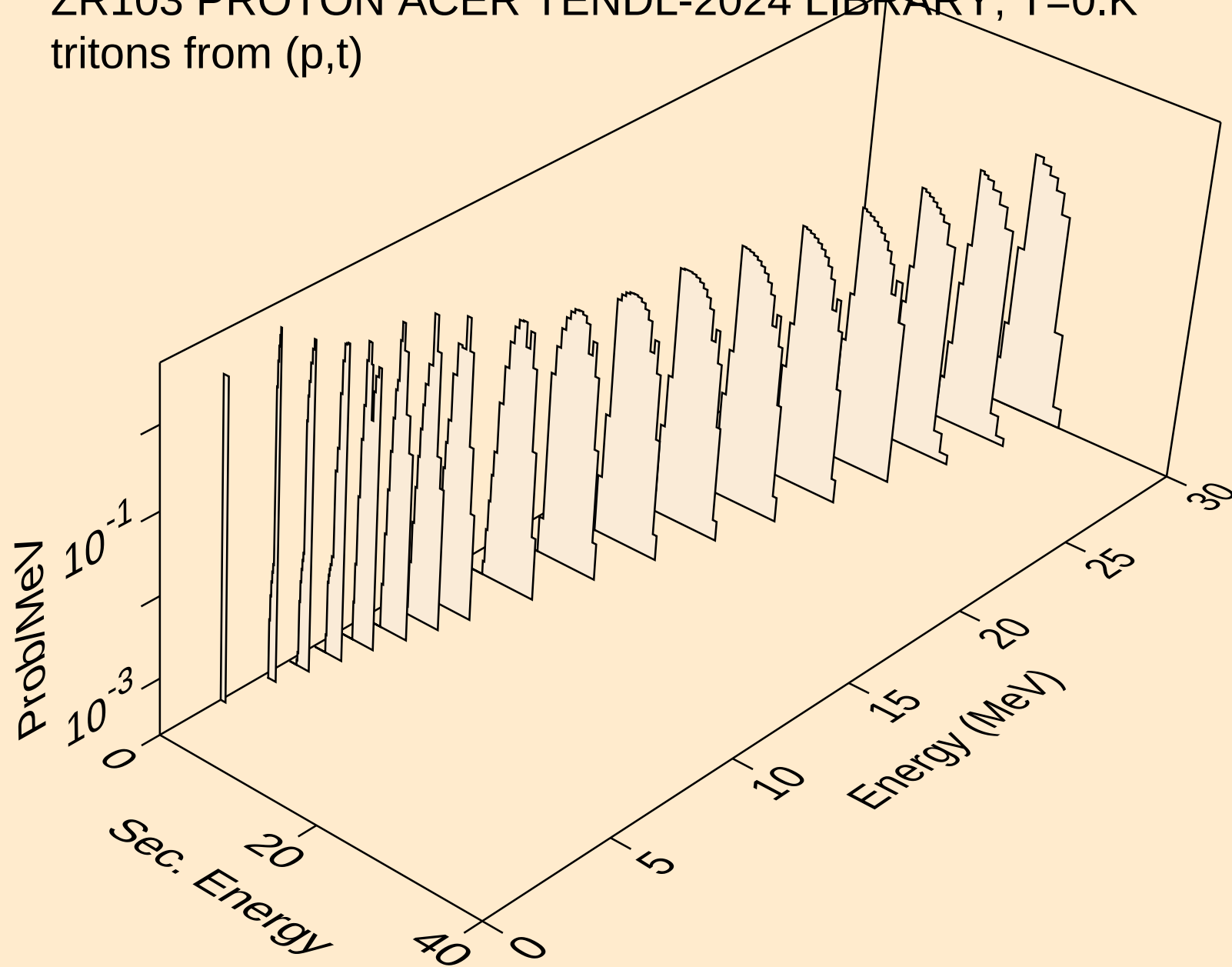
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,x)



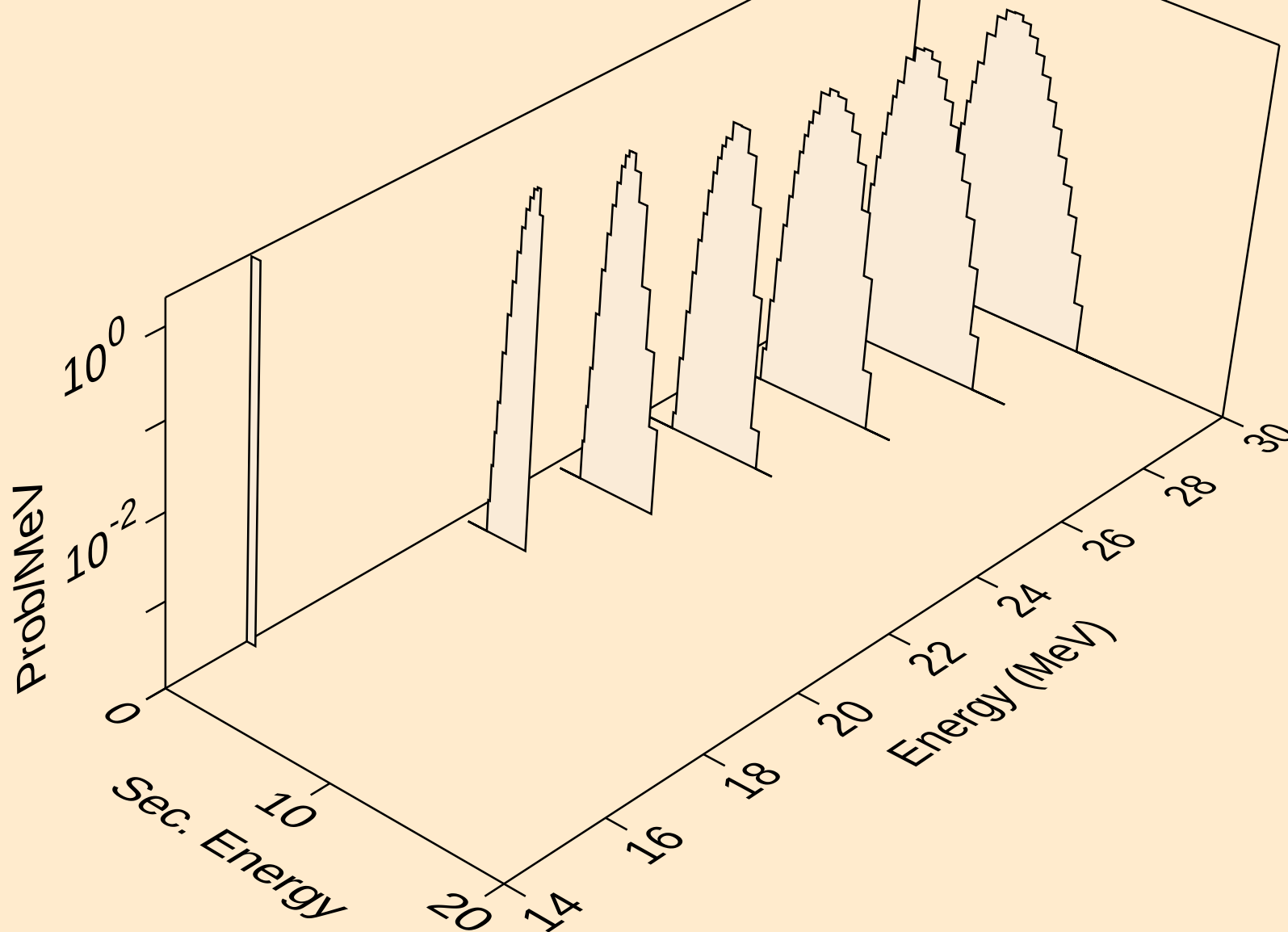
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,n*)t



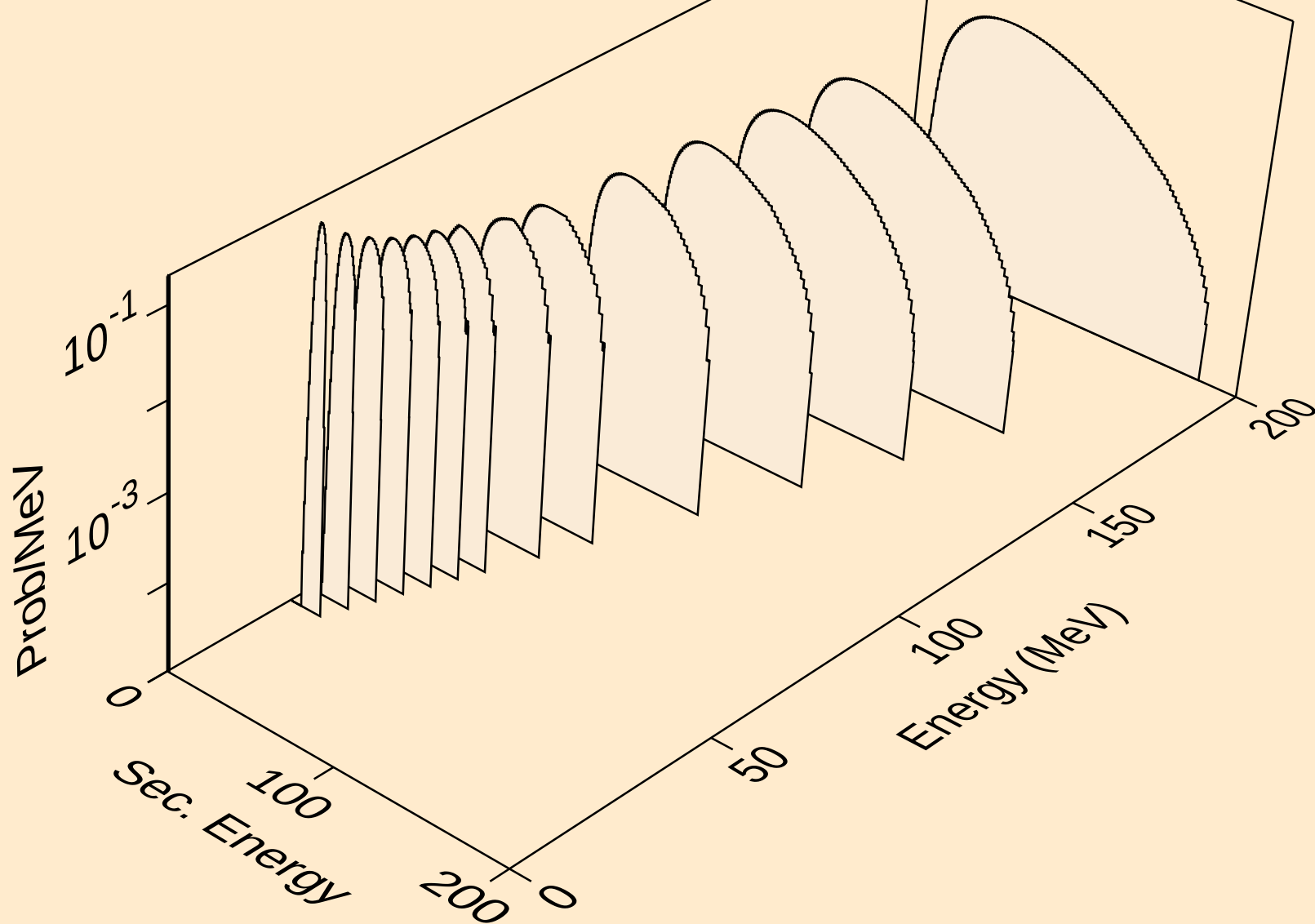
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tritons from (p,t)



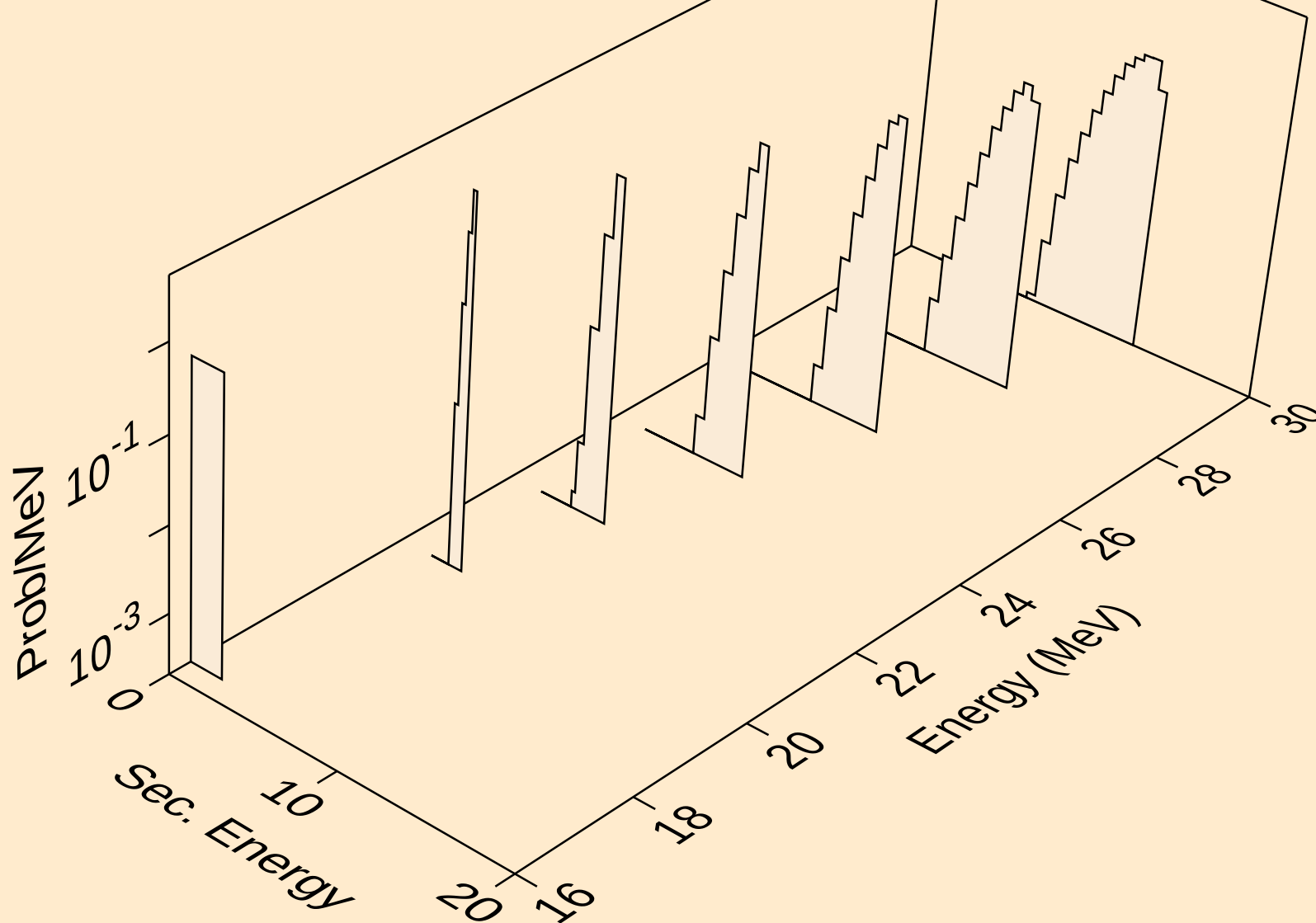
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tritons from (p,pt)



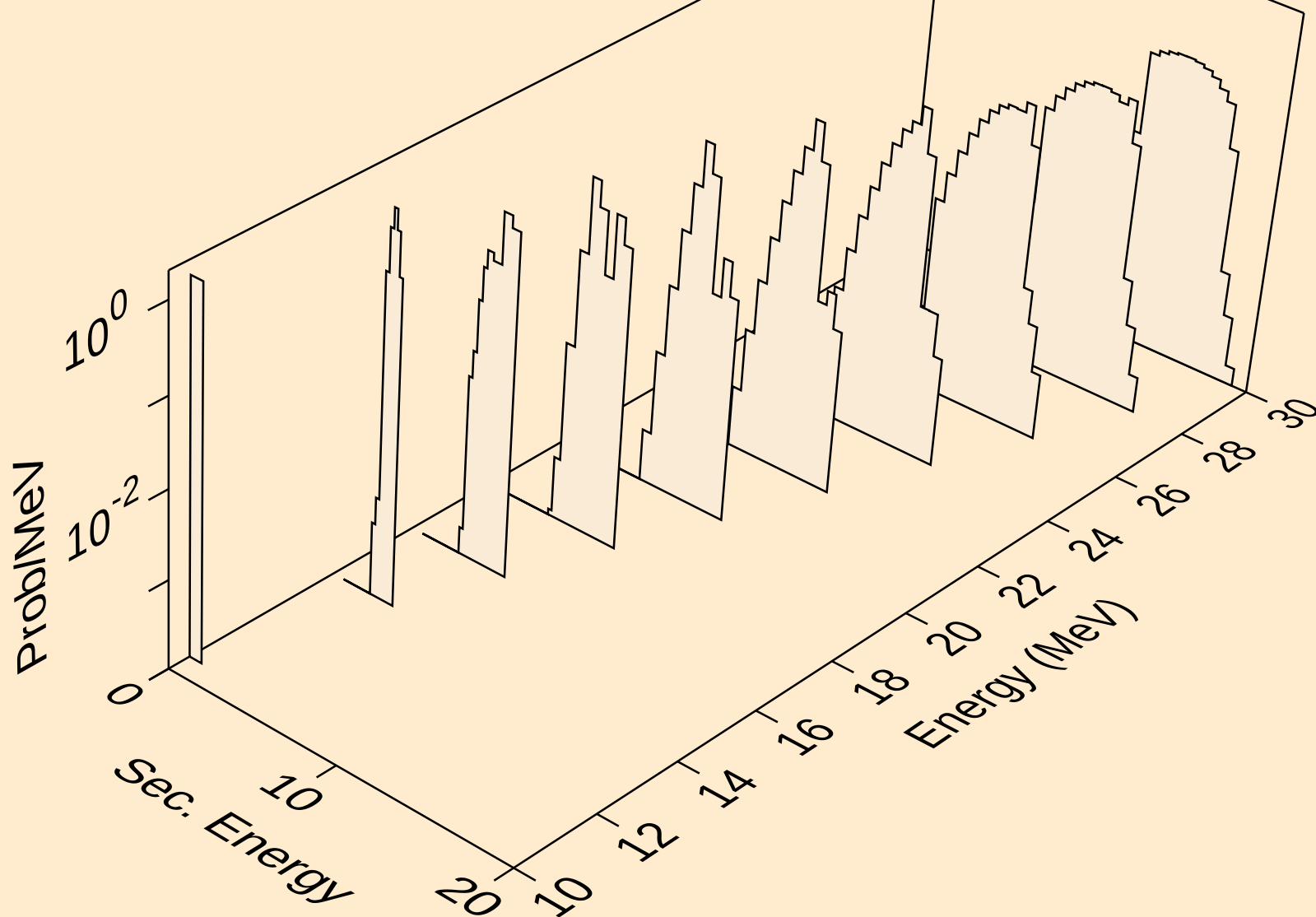
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (p,x)



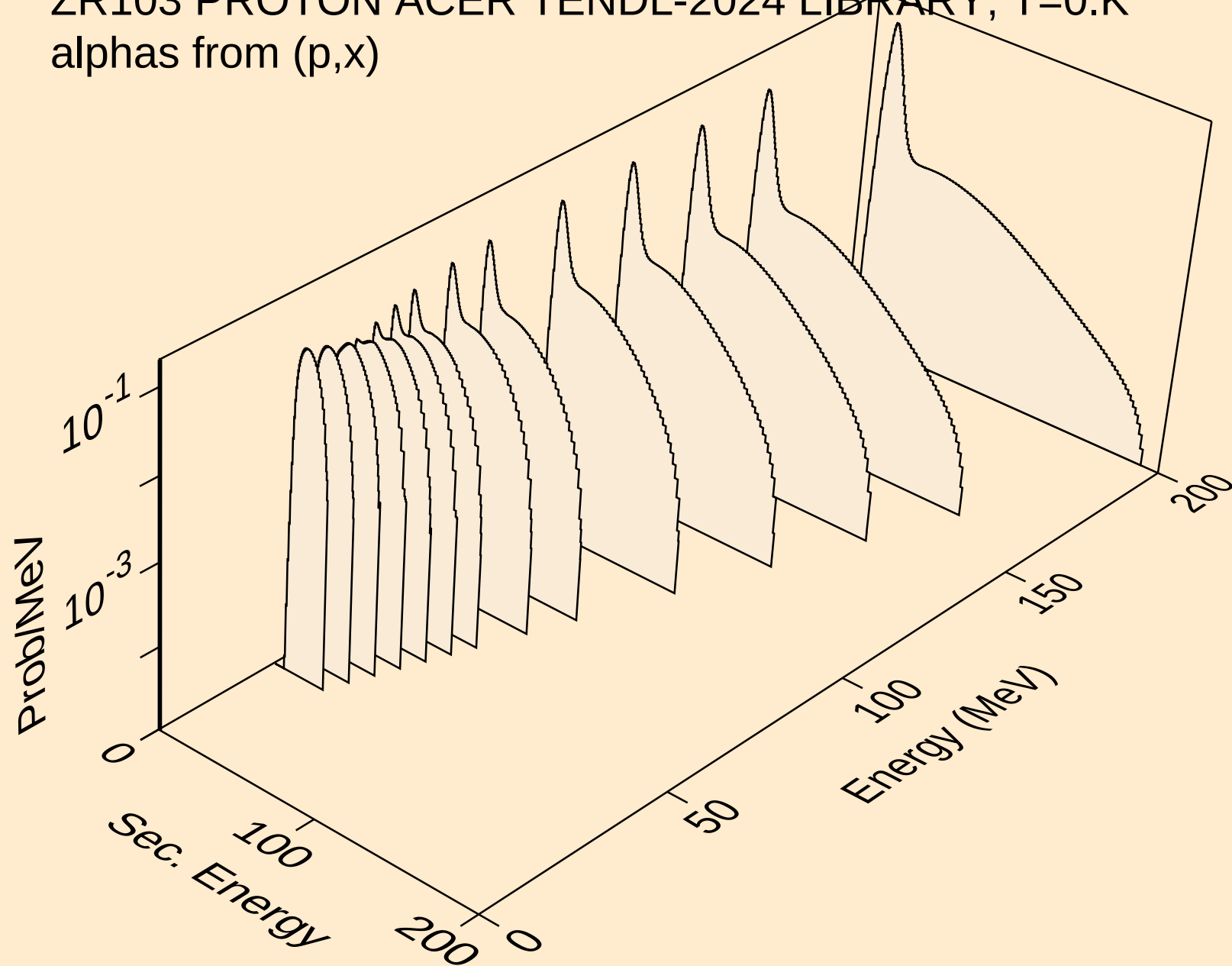
ZR103 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
he3s from $(p,n^*)\text{he3}$



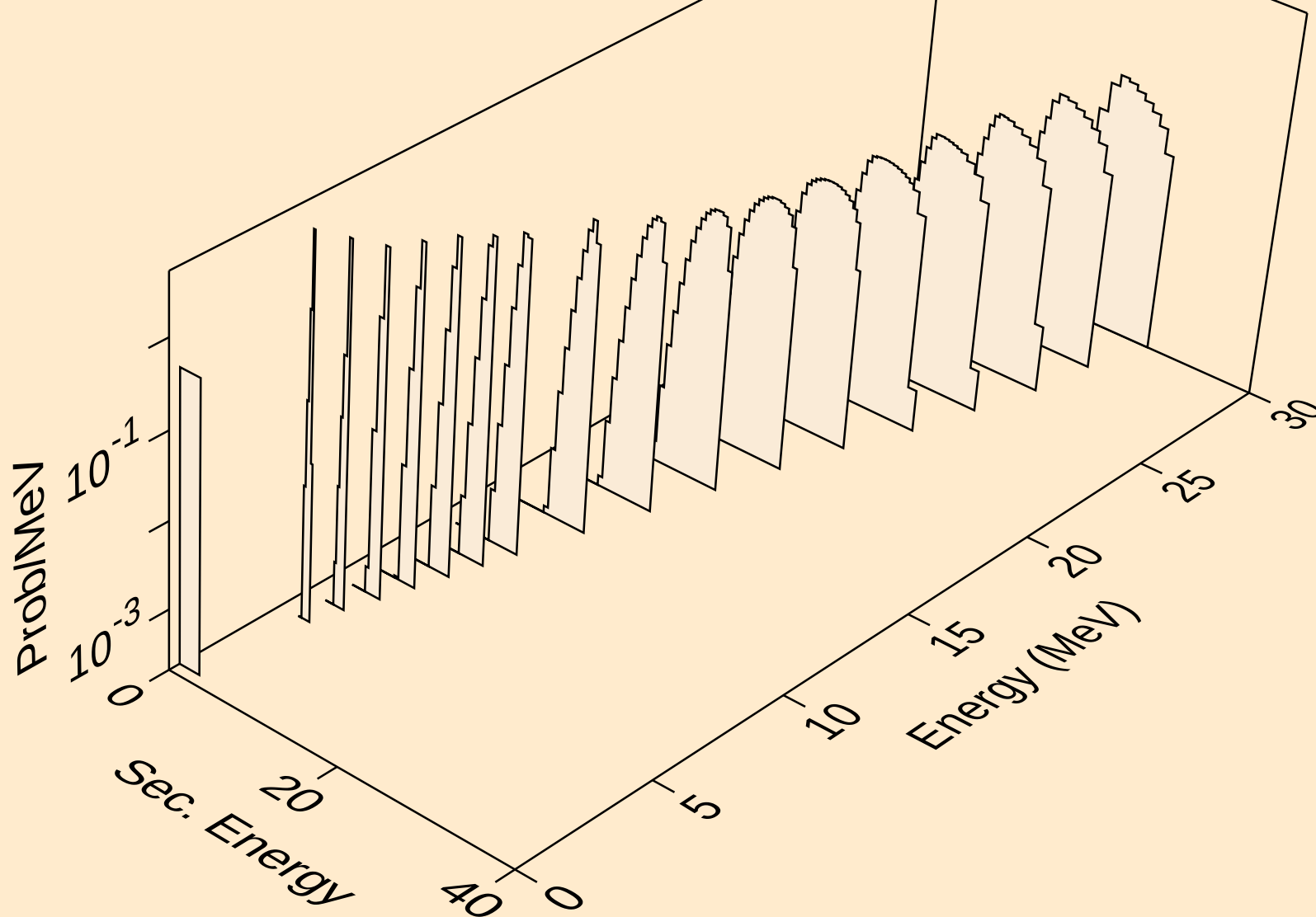
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he3s from (p,he3)



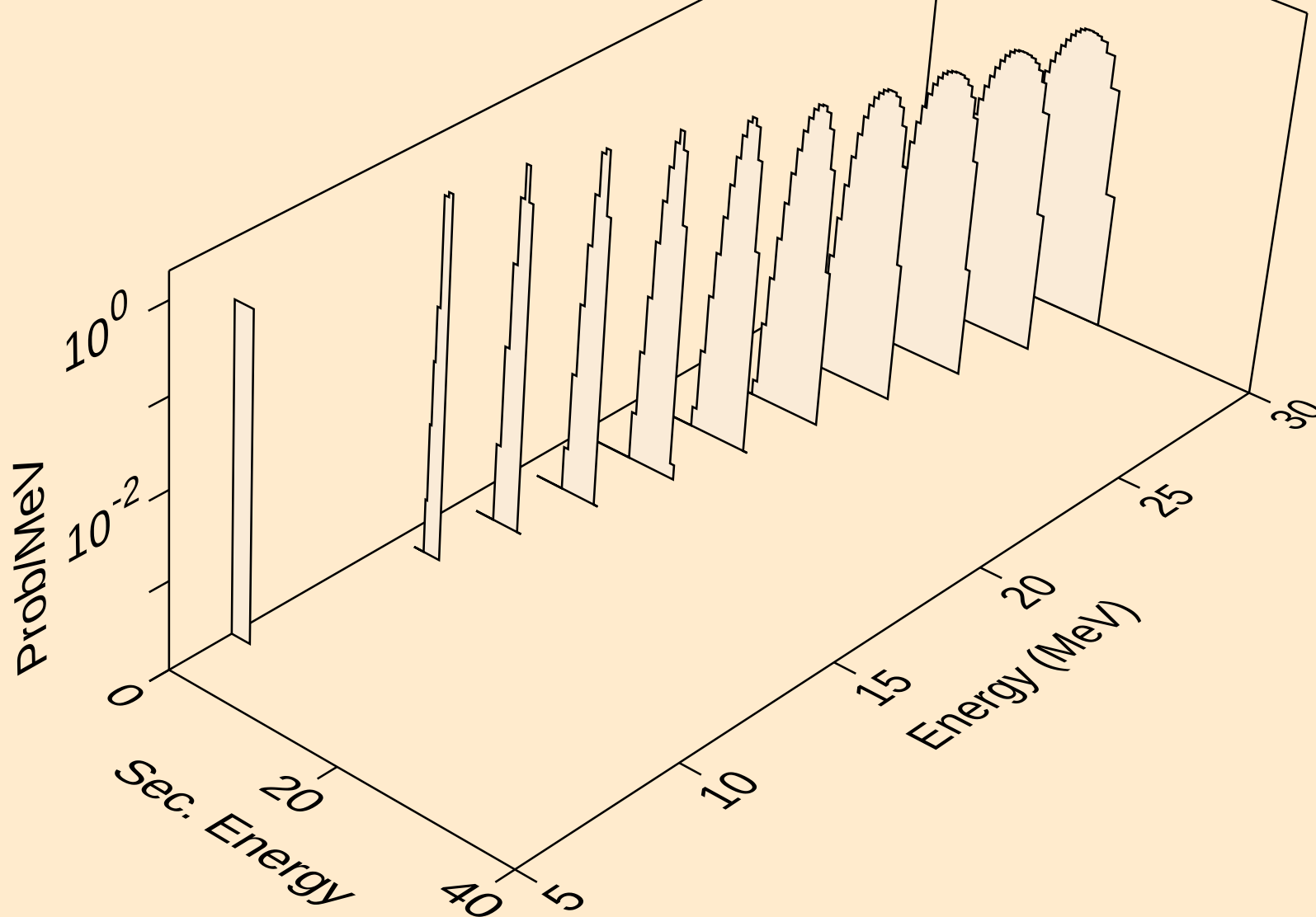
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,x)



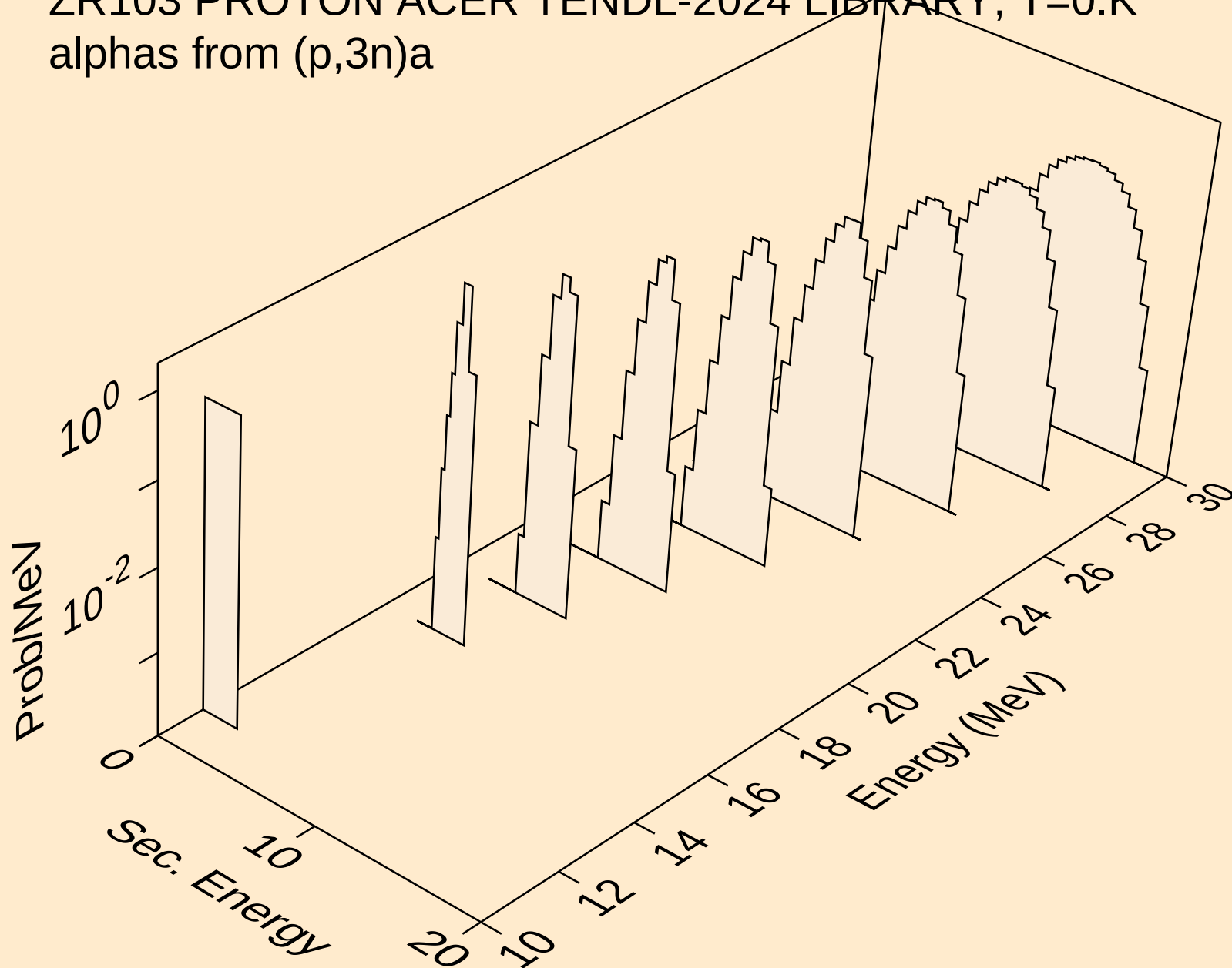
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,n*)a



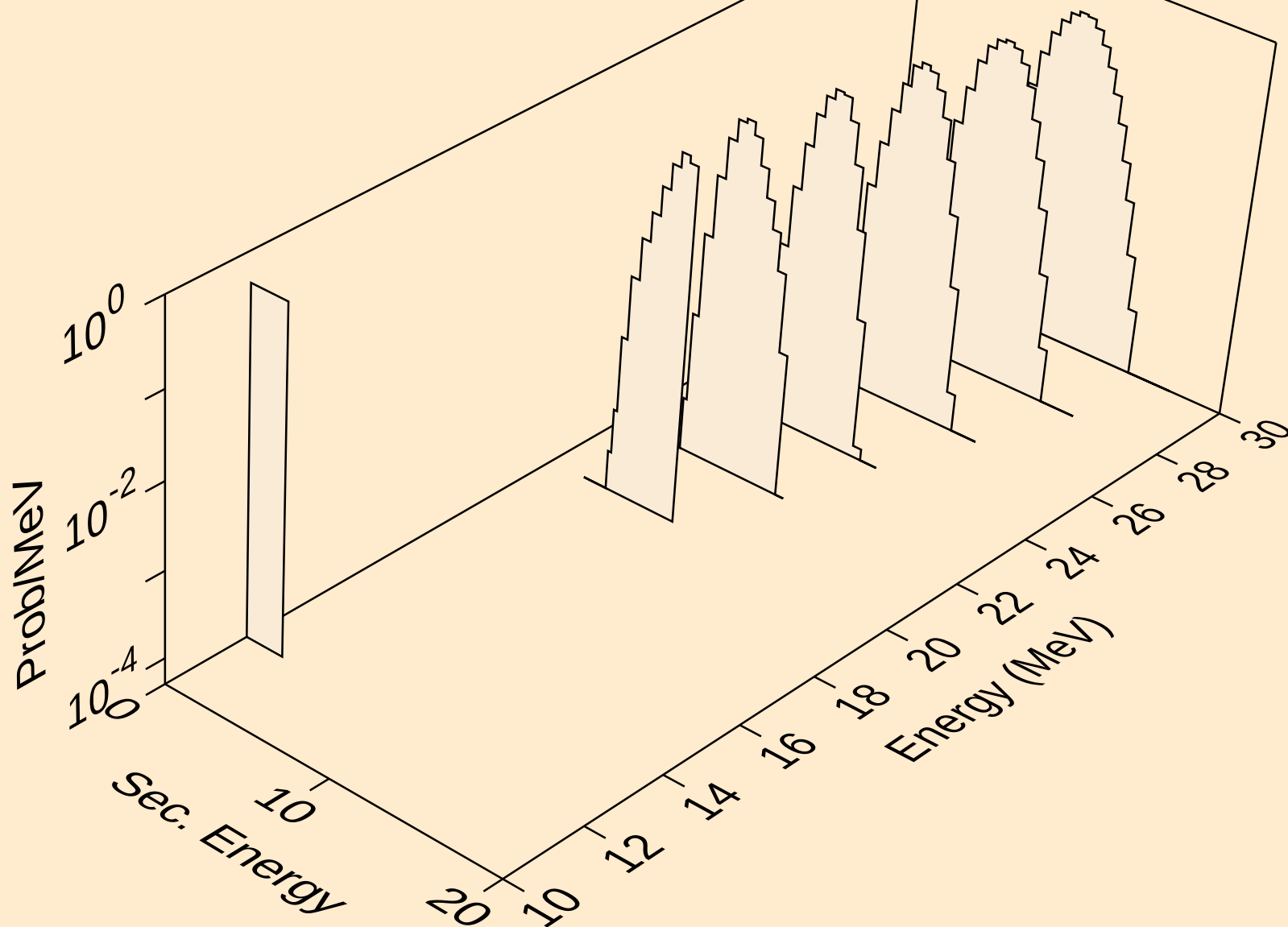
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,2n)a



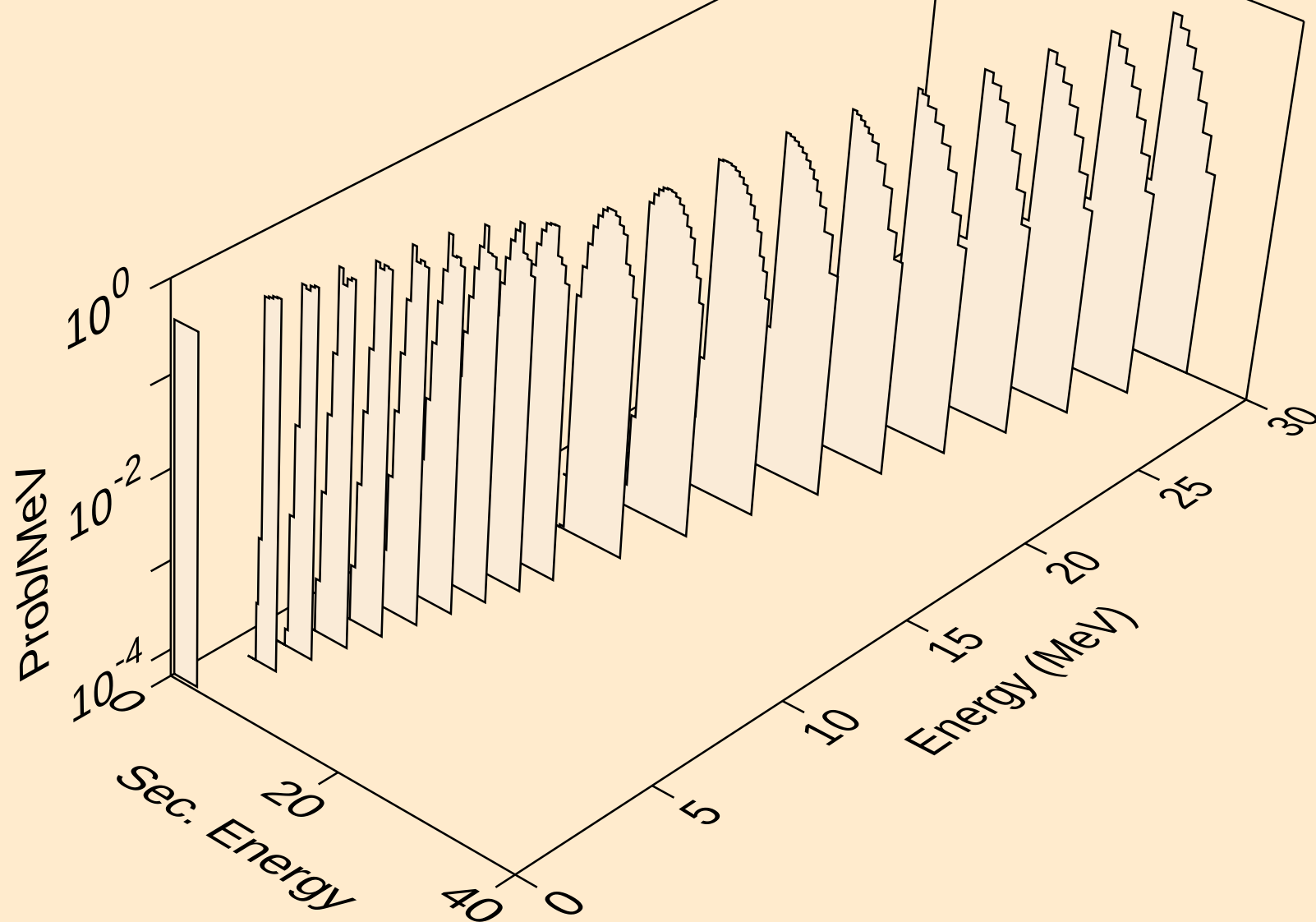
ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,3n)a



ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,npa)



ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,a)



ZR103 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,pa)

