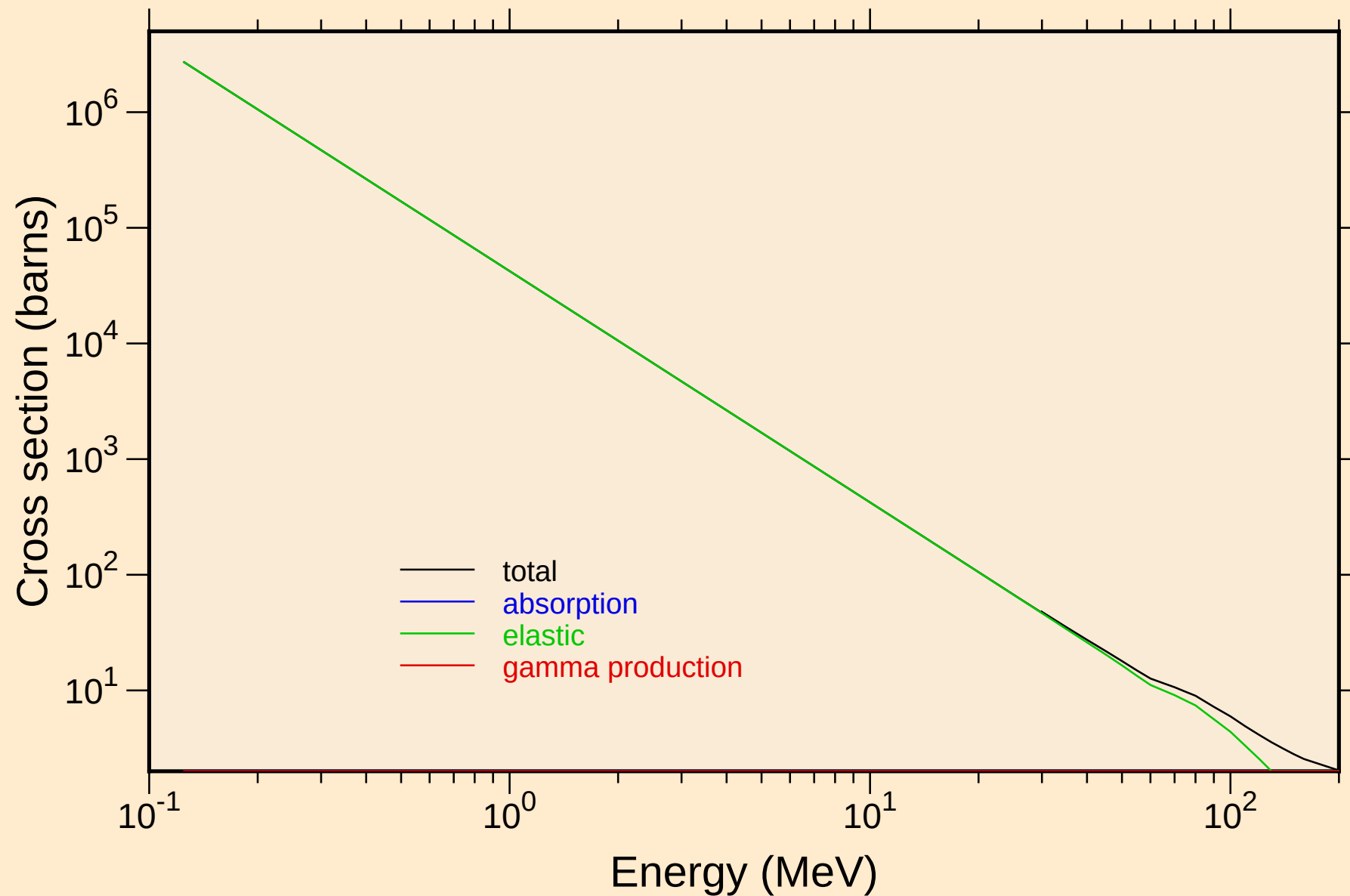


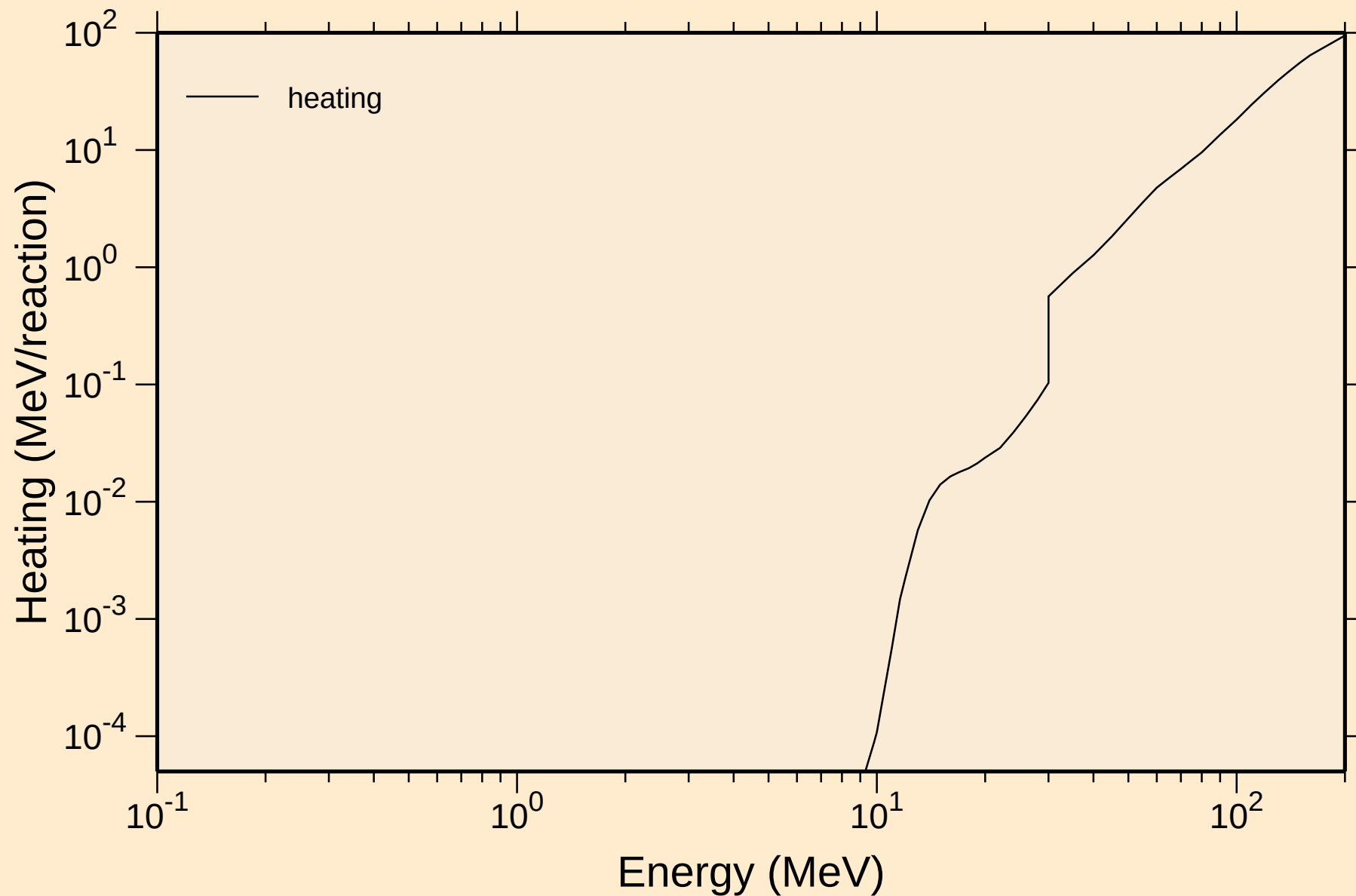
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



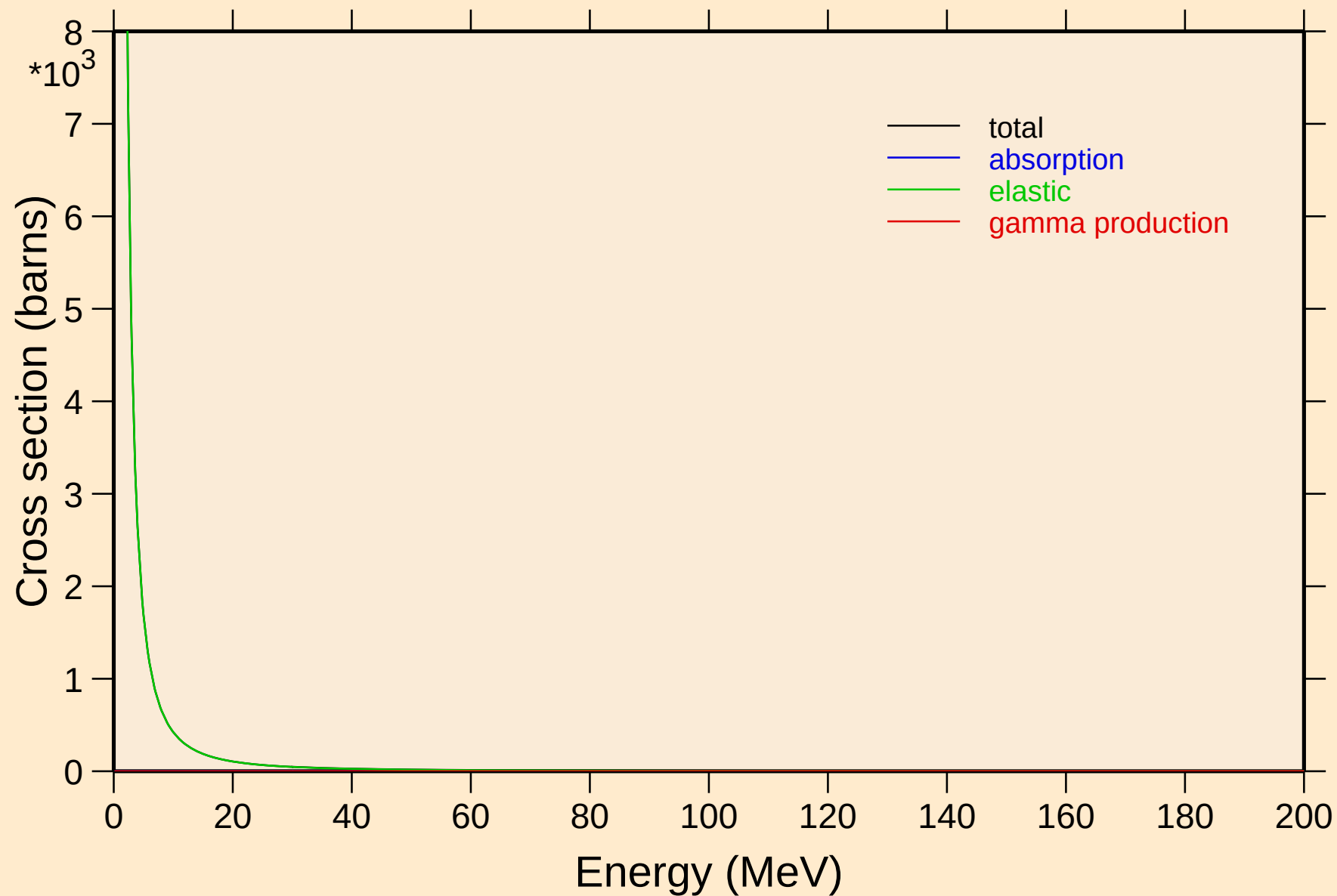
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



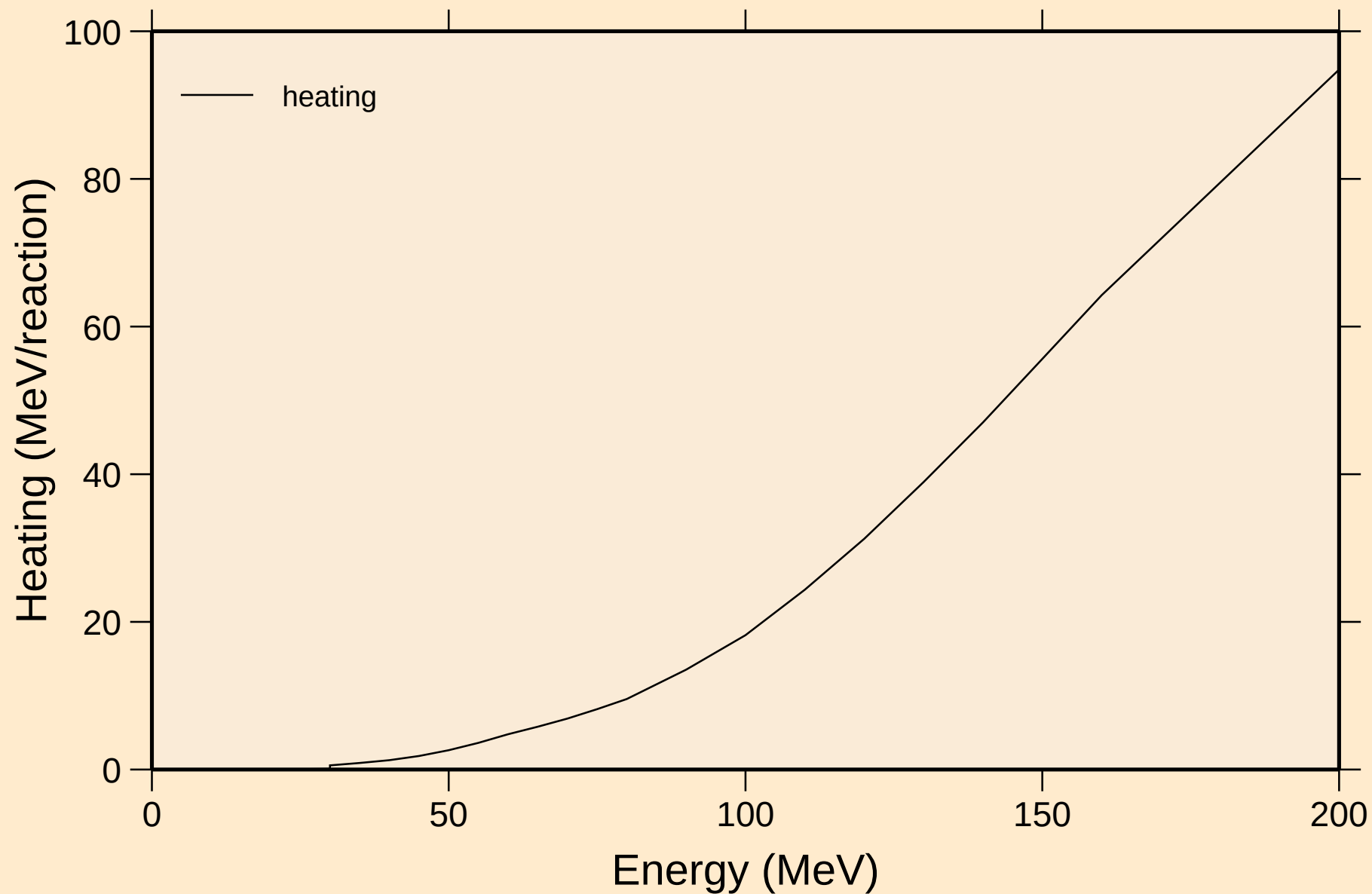
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



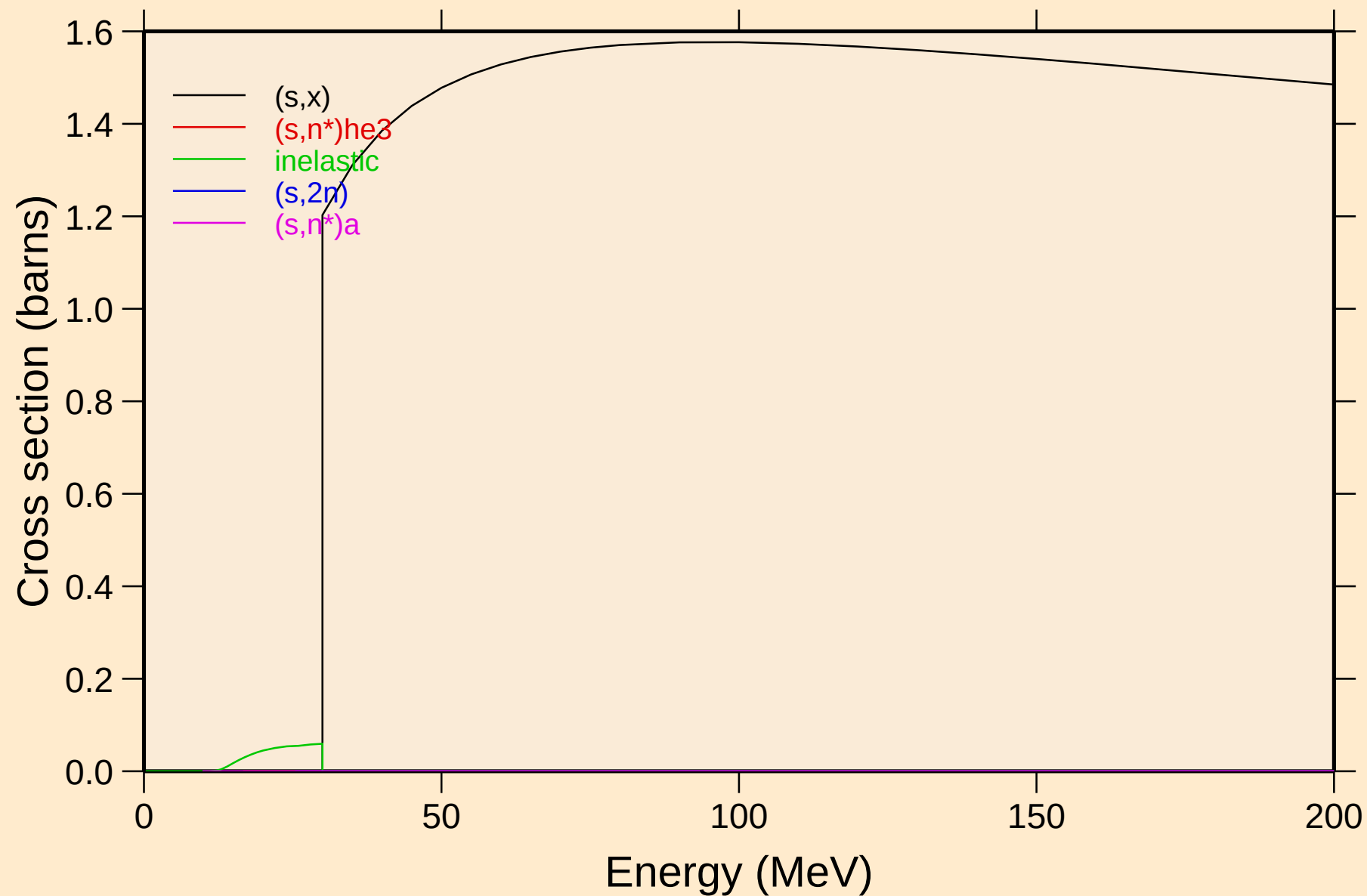
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



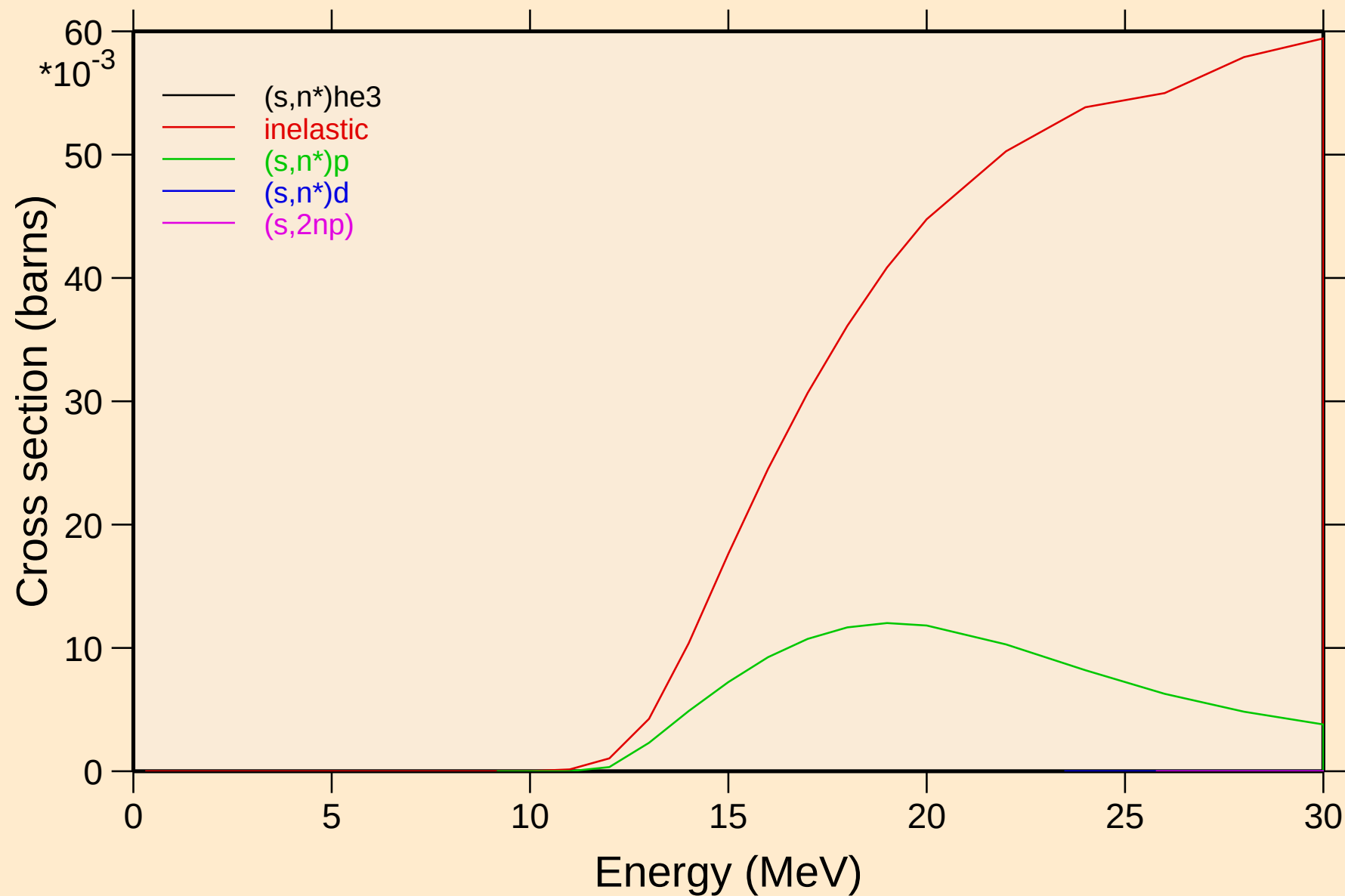
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



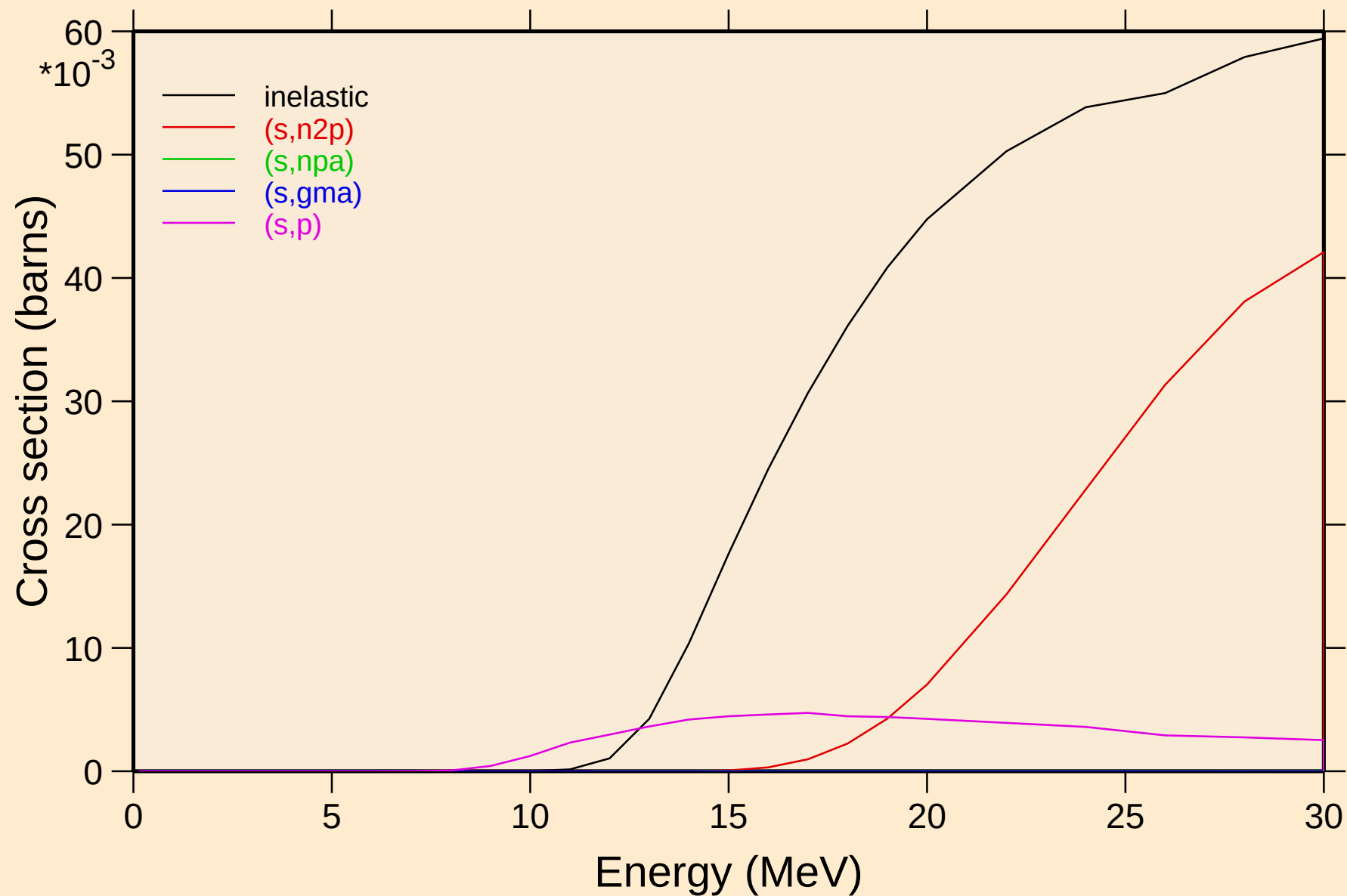
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



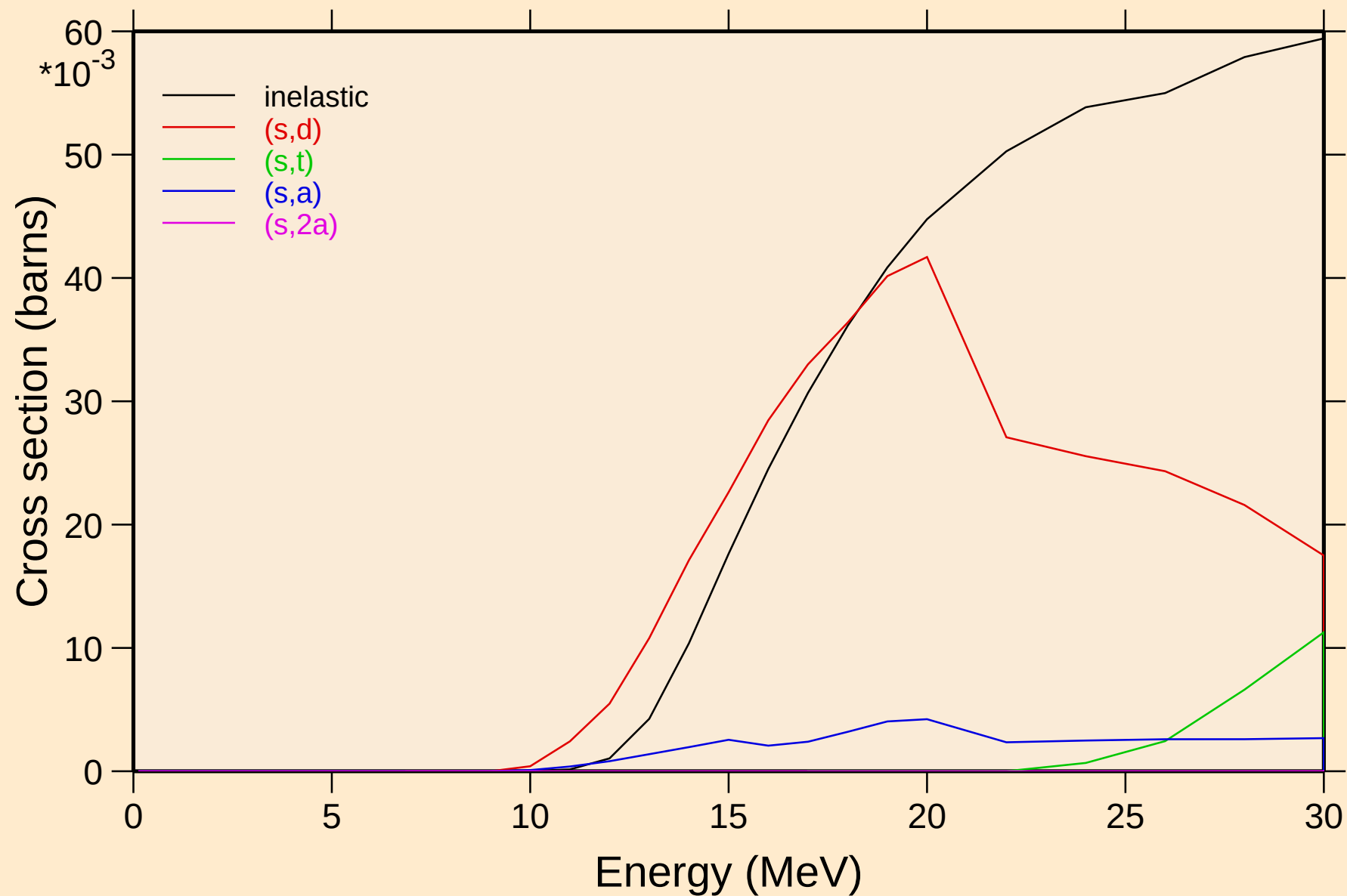
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



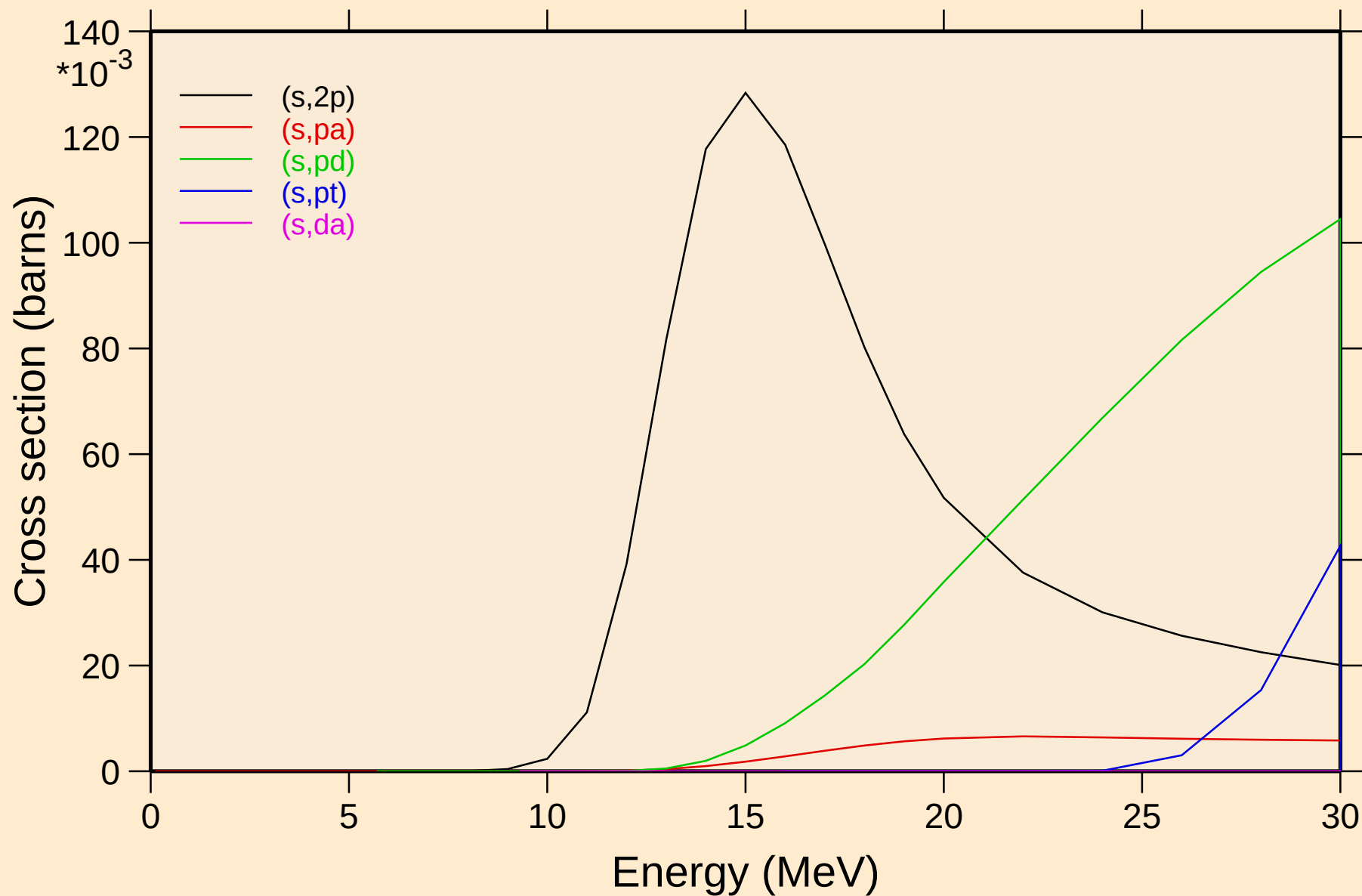
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Threshold reactions

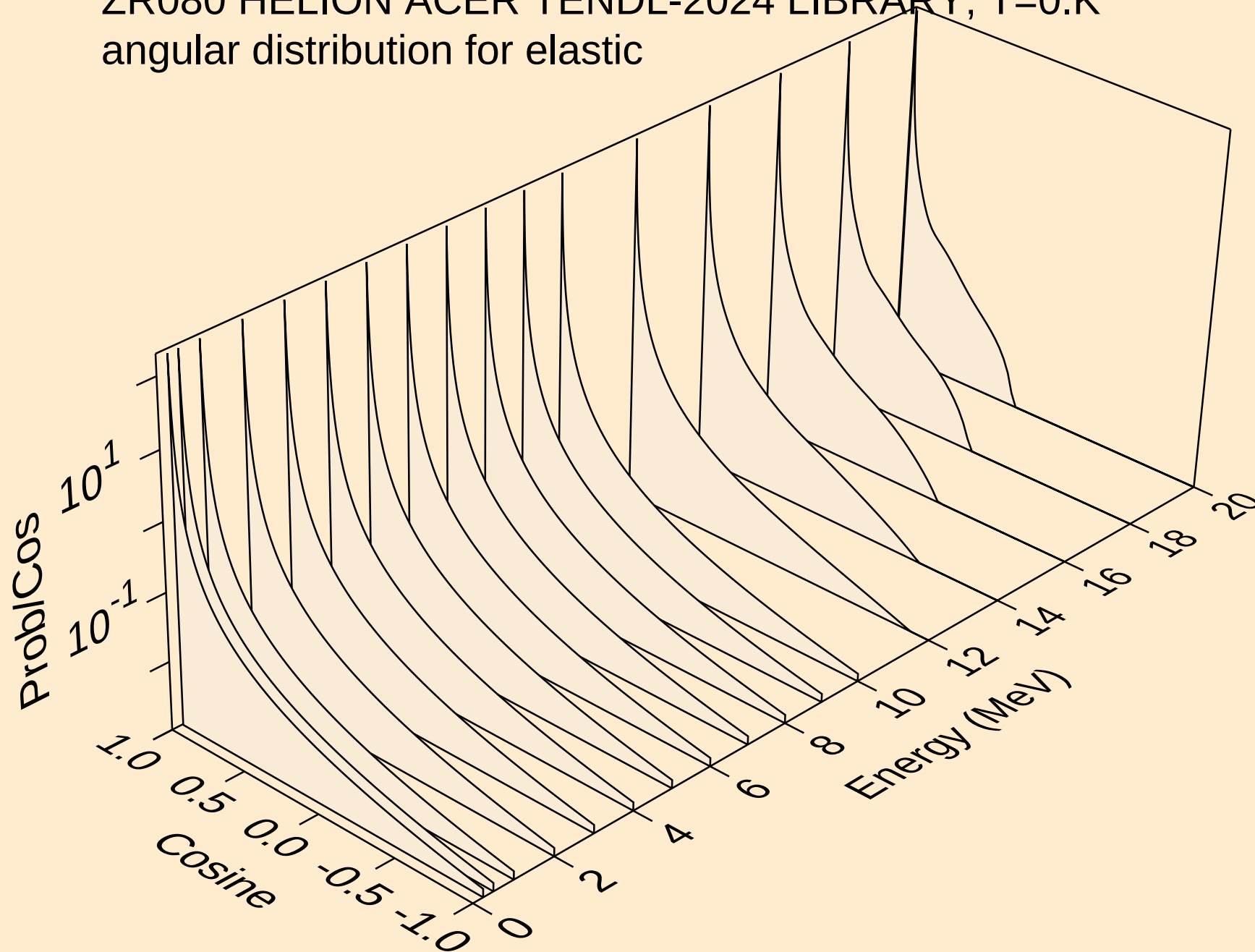


ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K

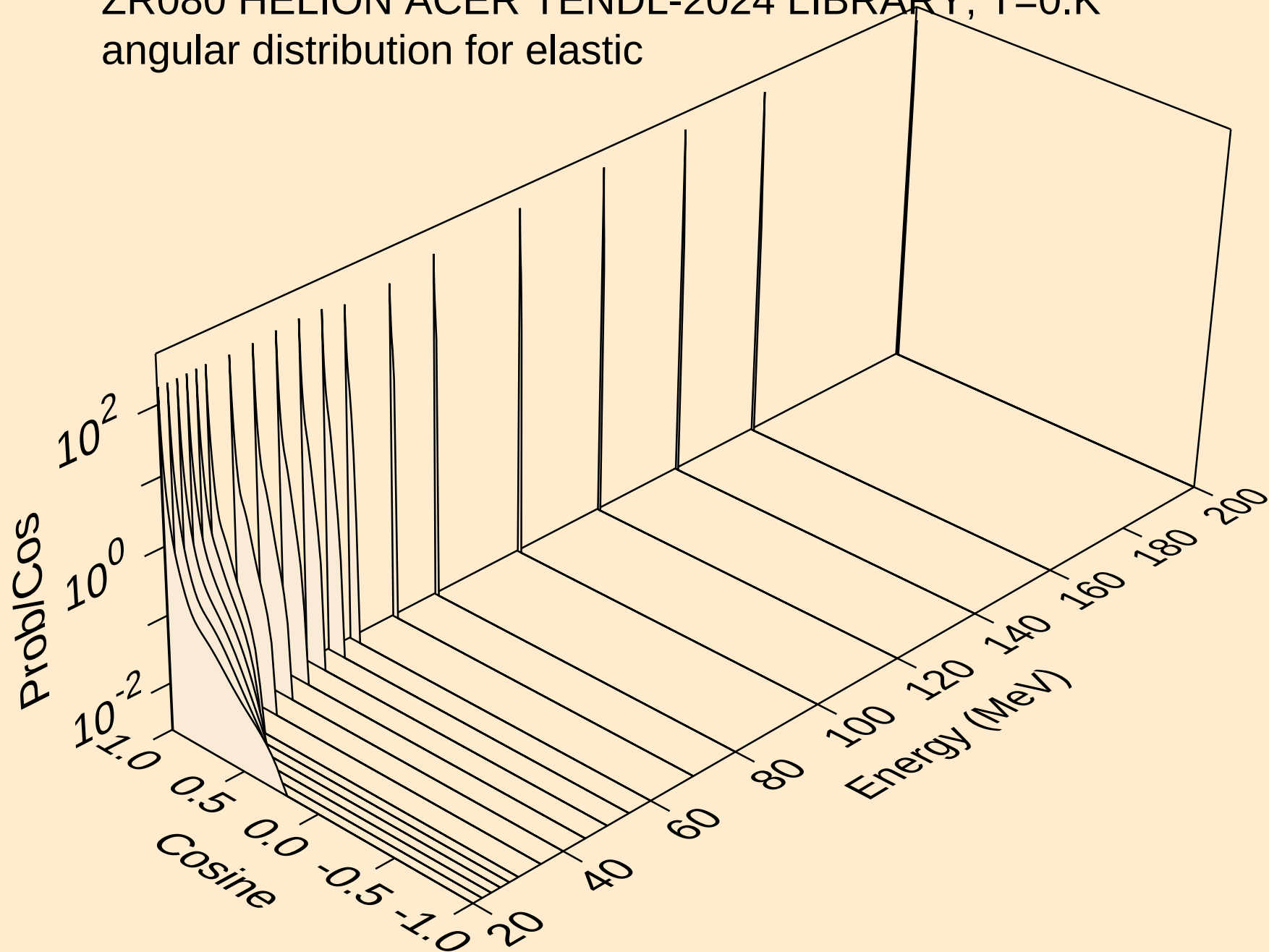
Threshold reactions



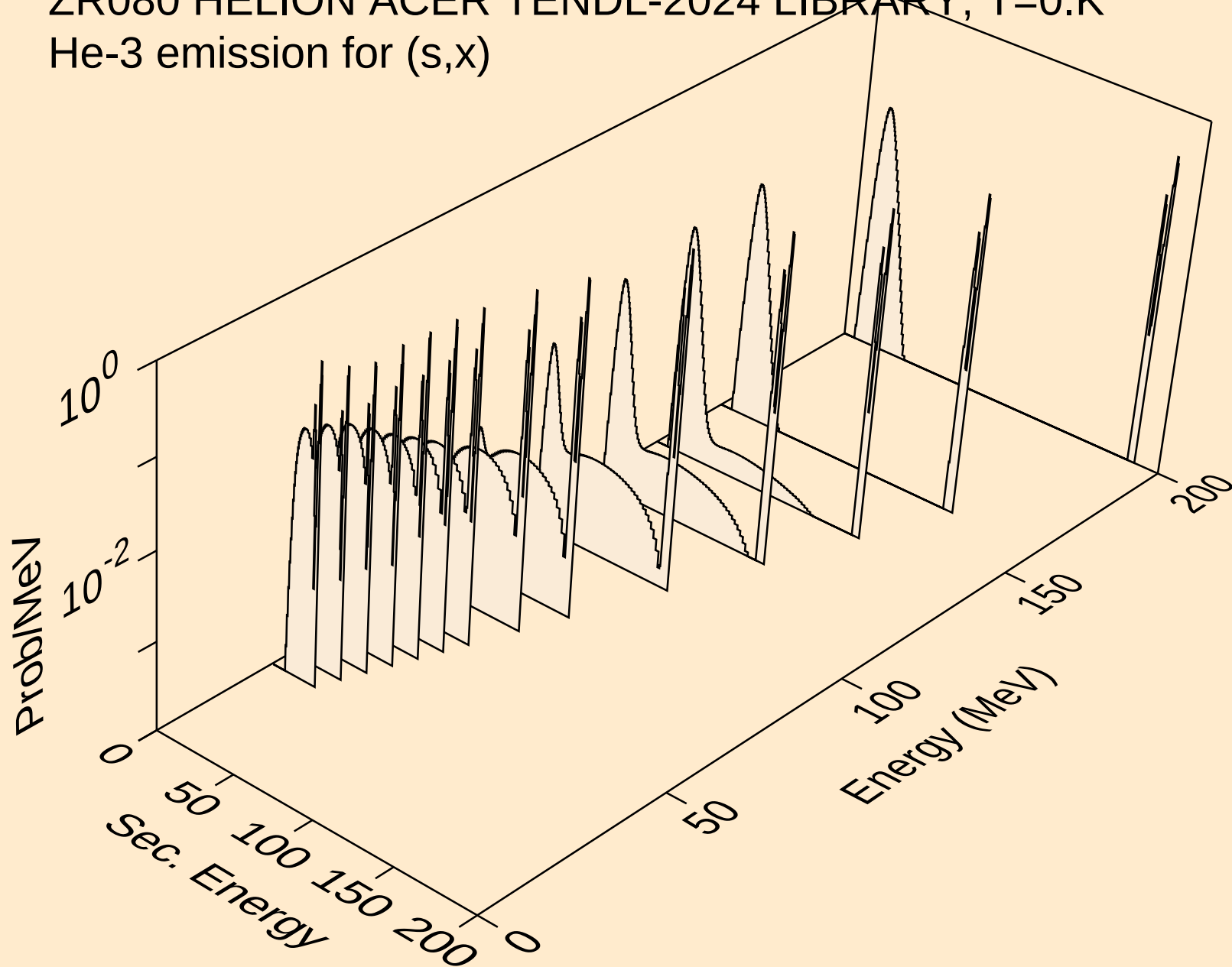
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic

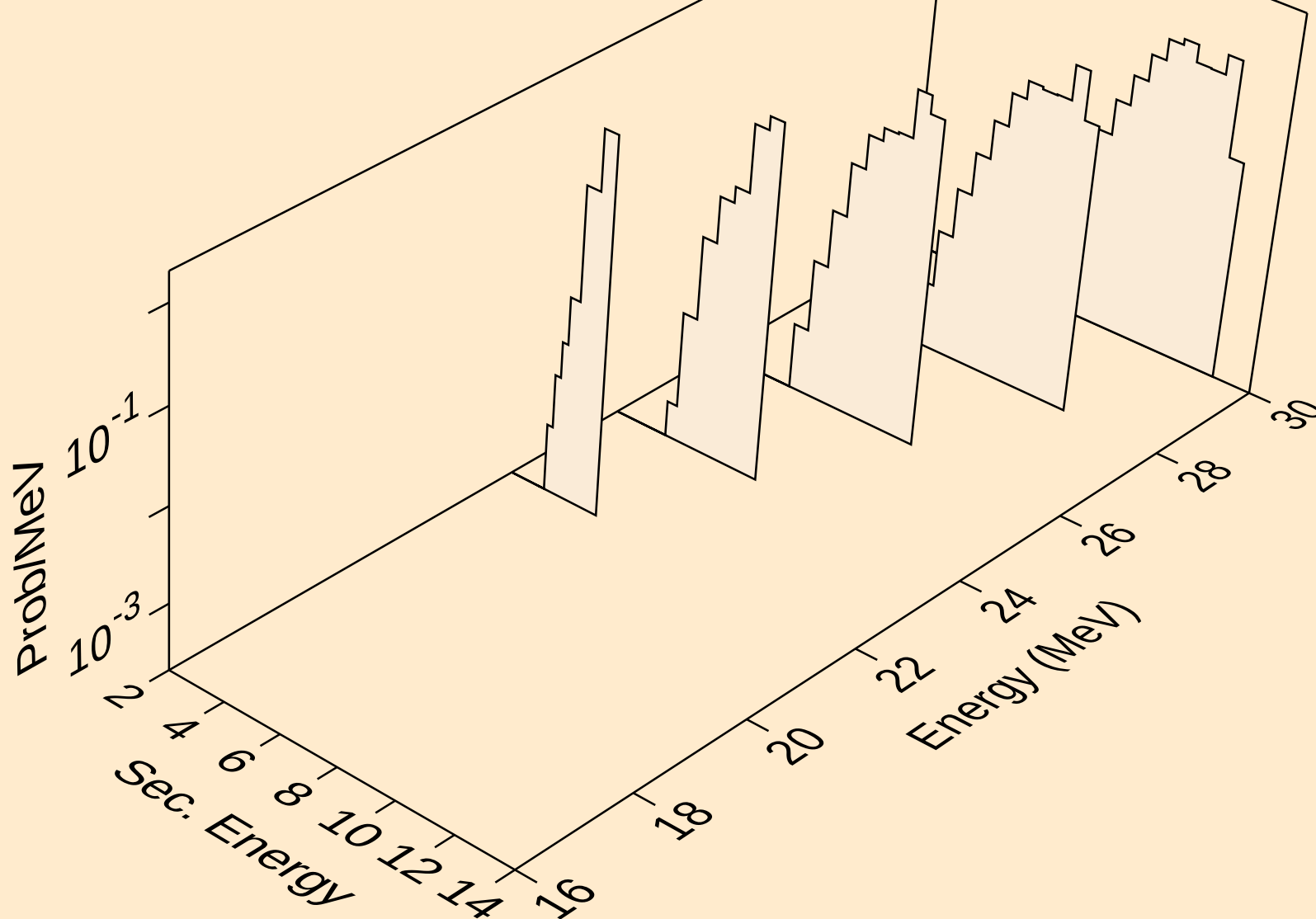


ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for (s,x)

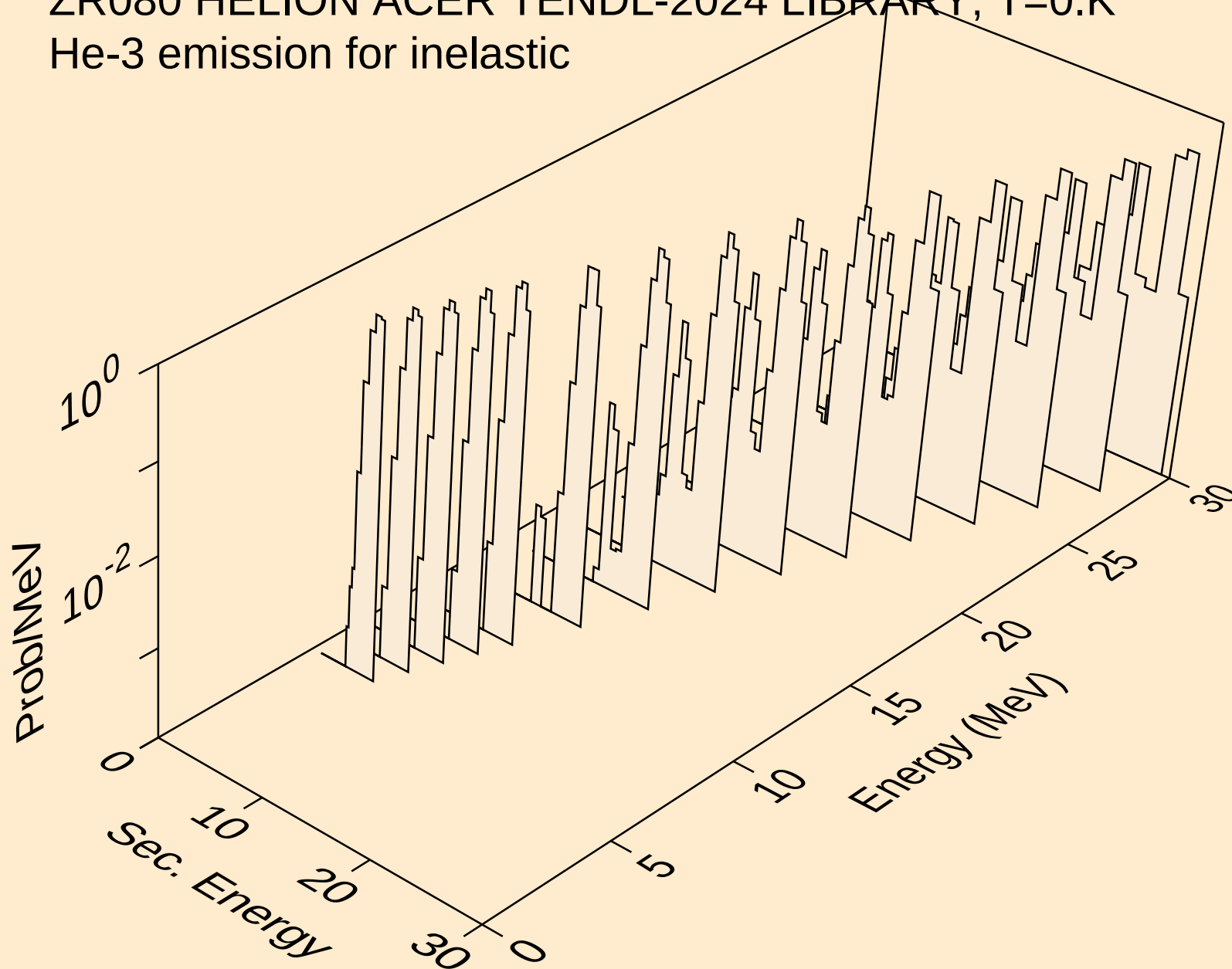


ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K

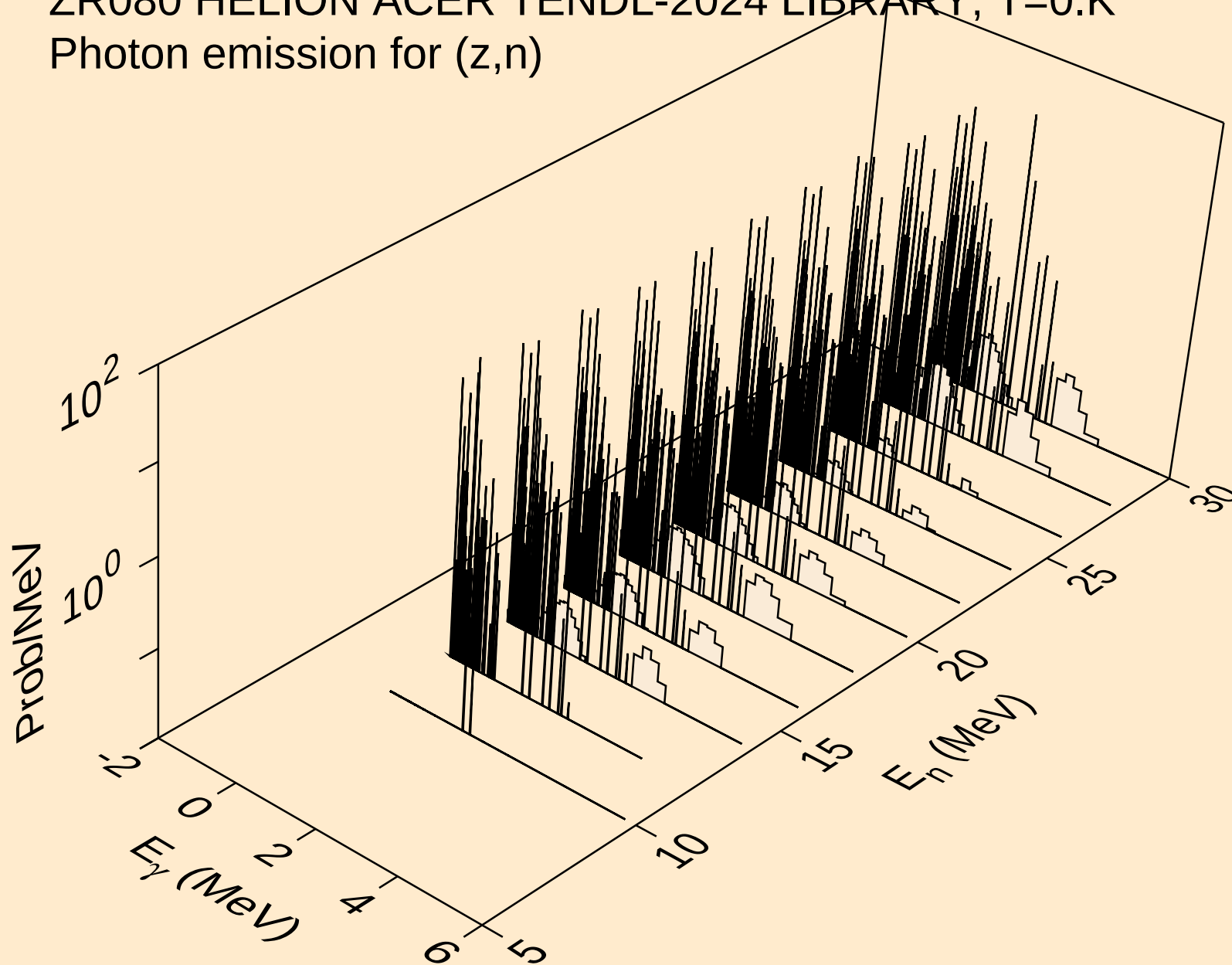
He-3 emission for (s,n*)he3



ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for inelastic

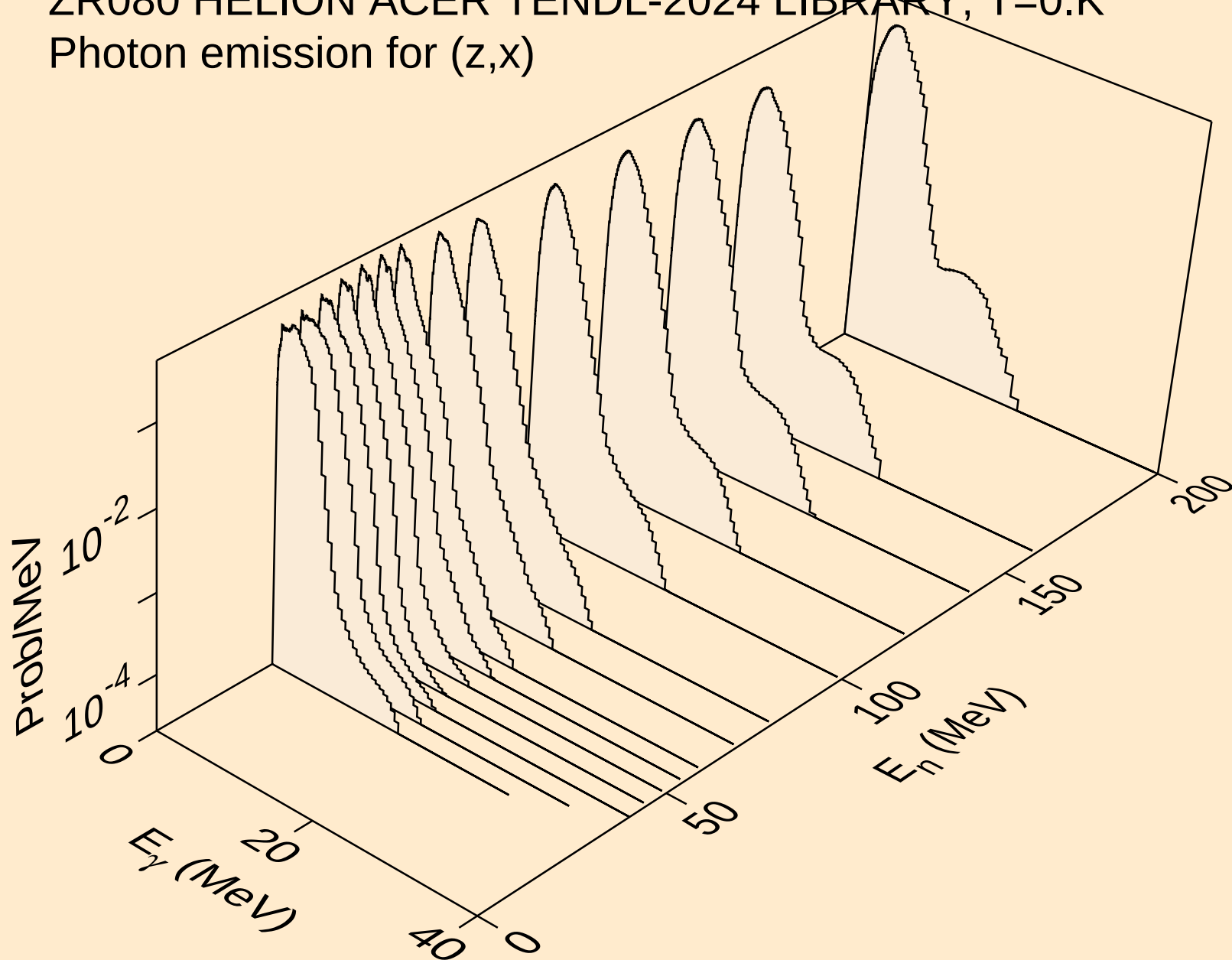


ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)

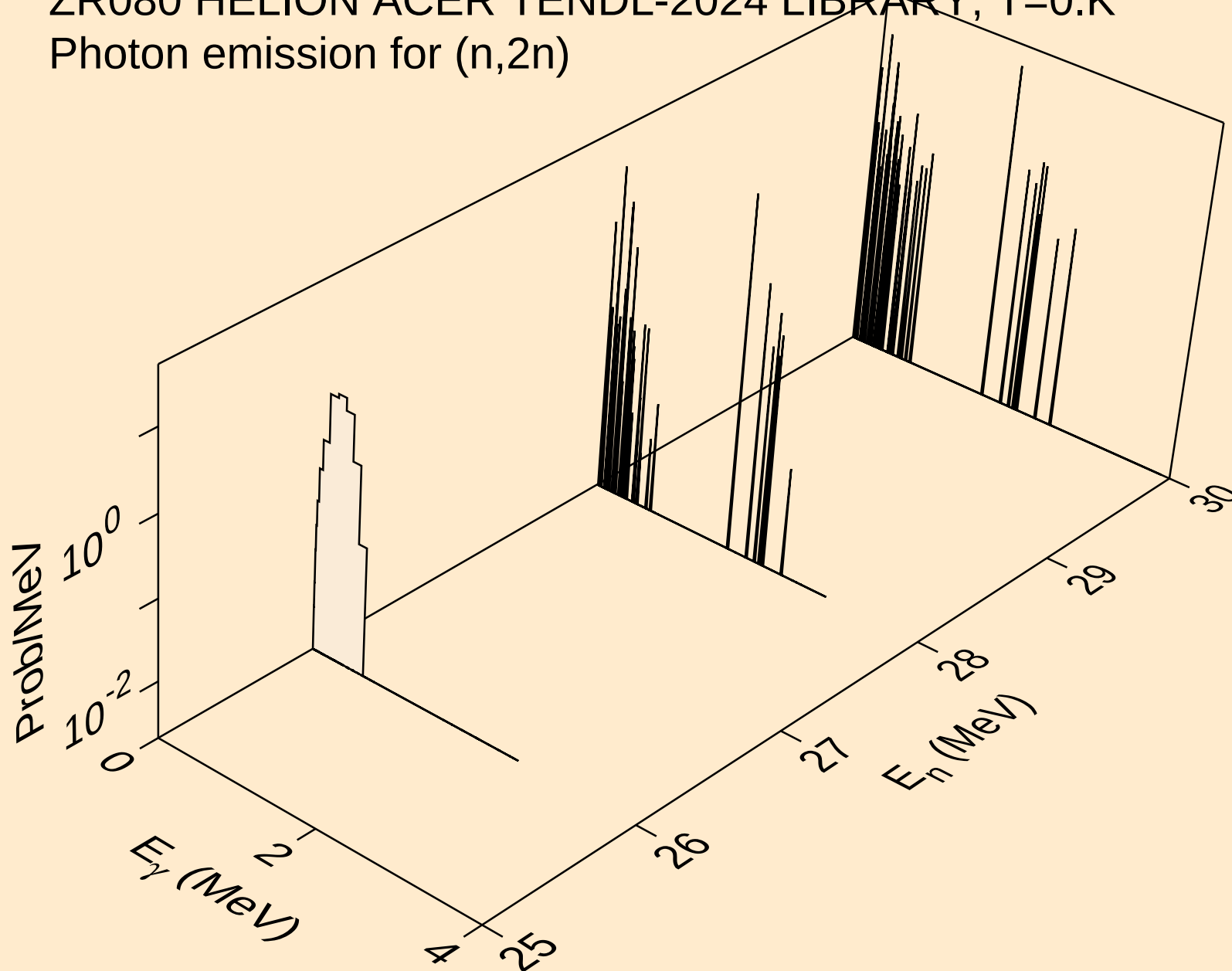


ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (z,x)

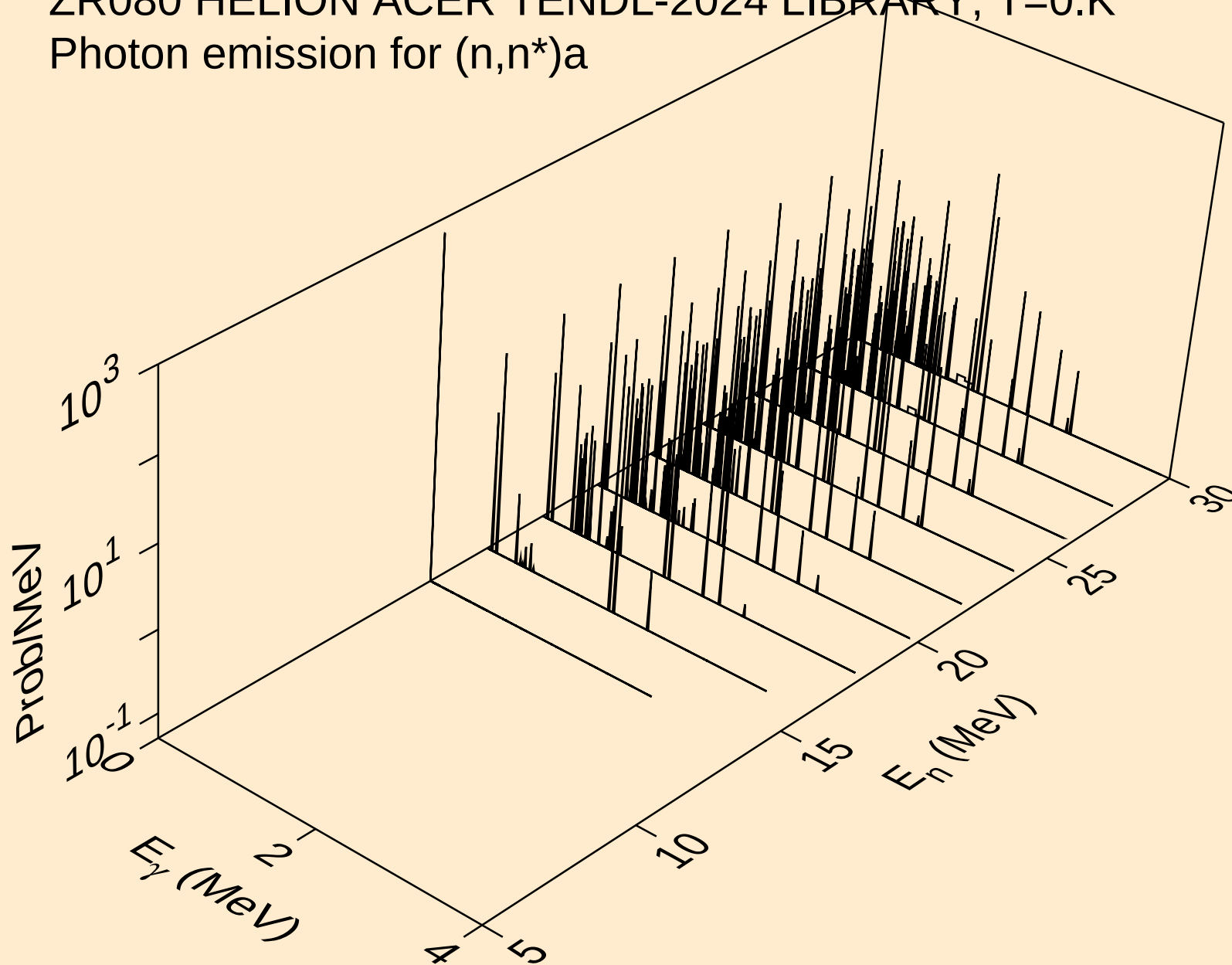


ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



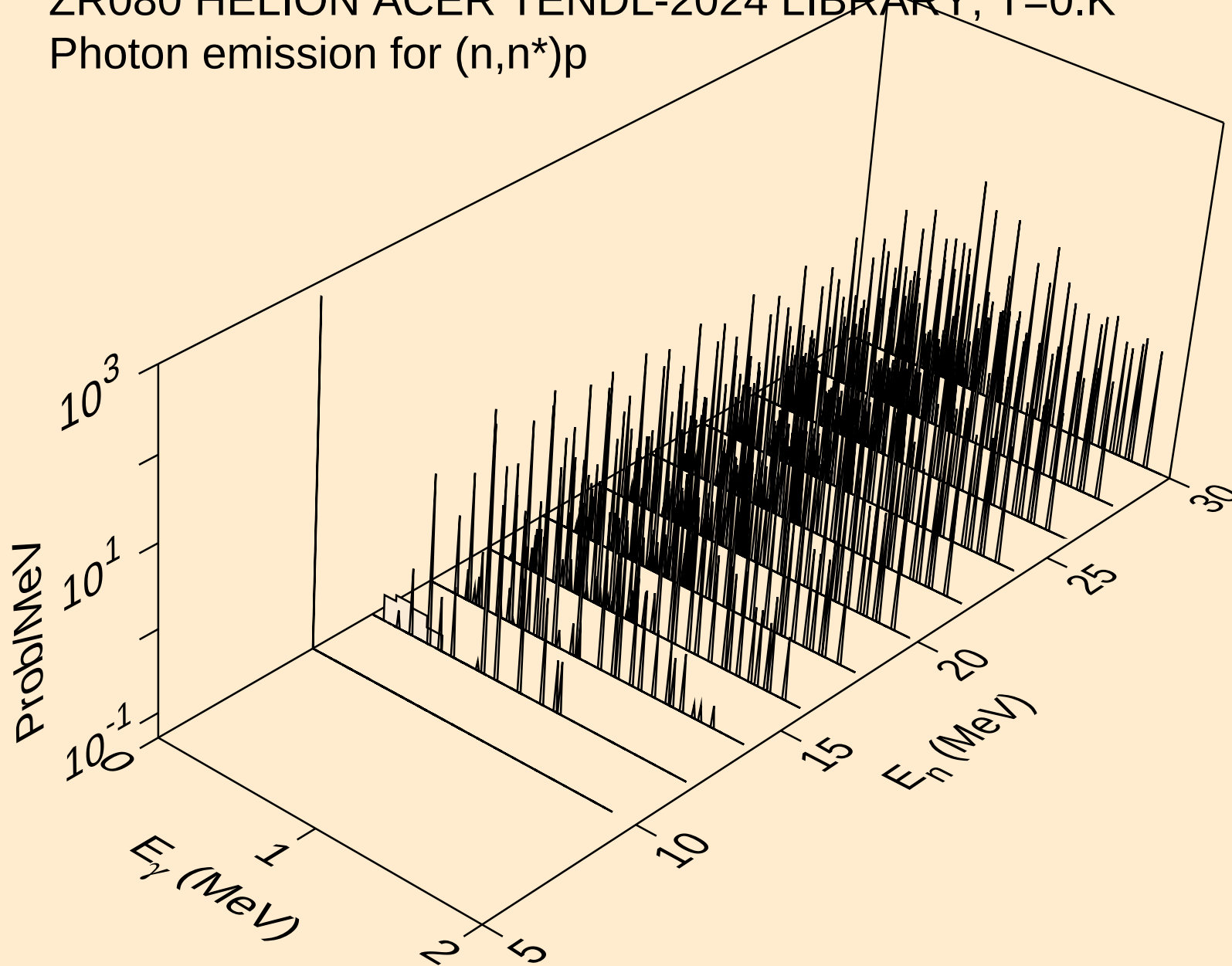
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)a



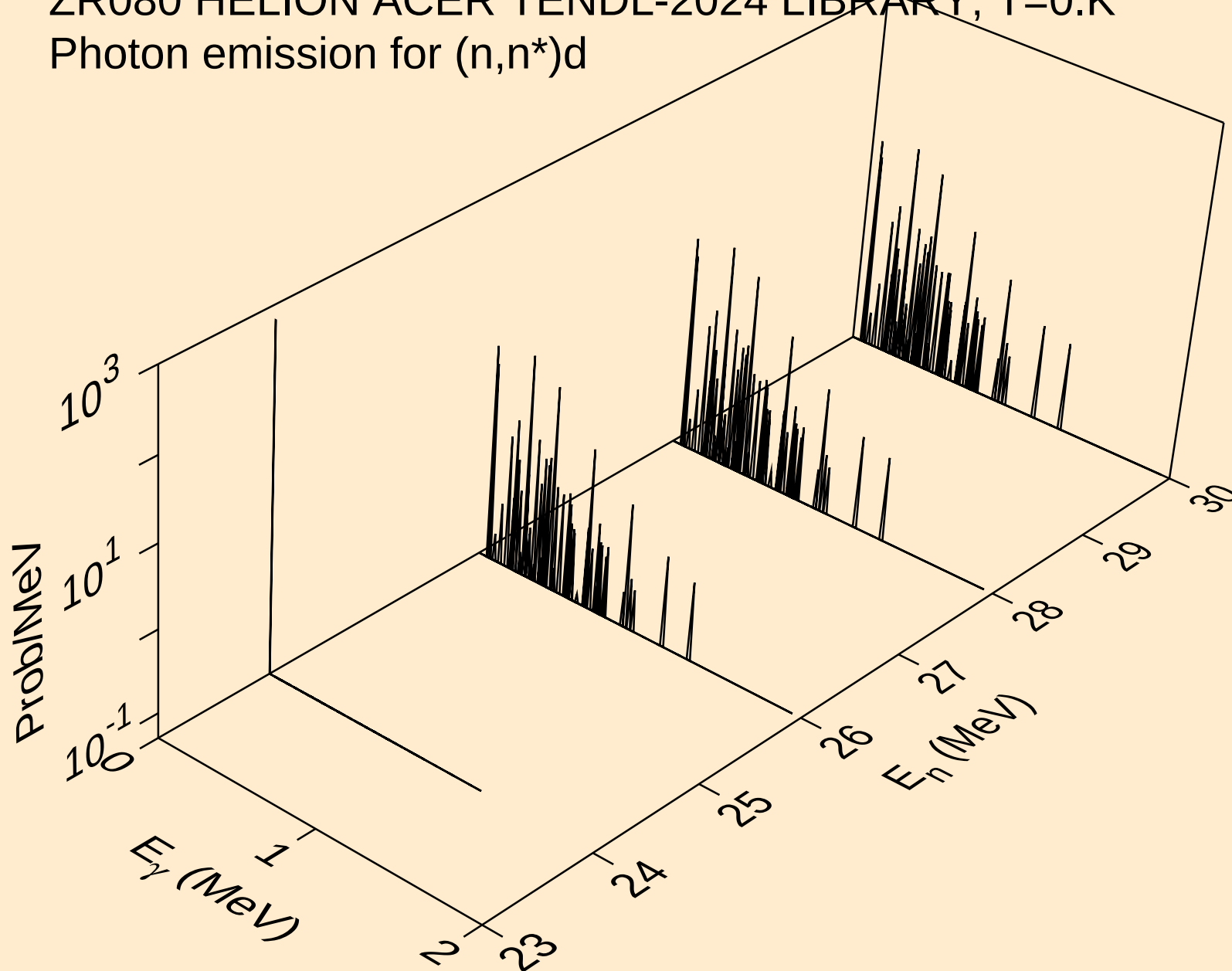
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)p



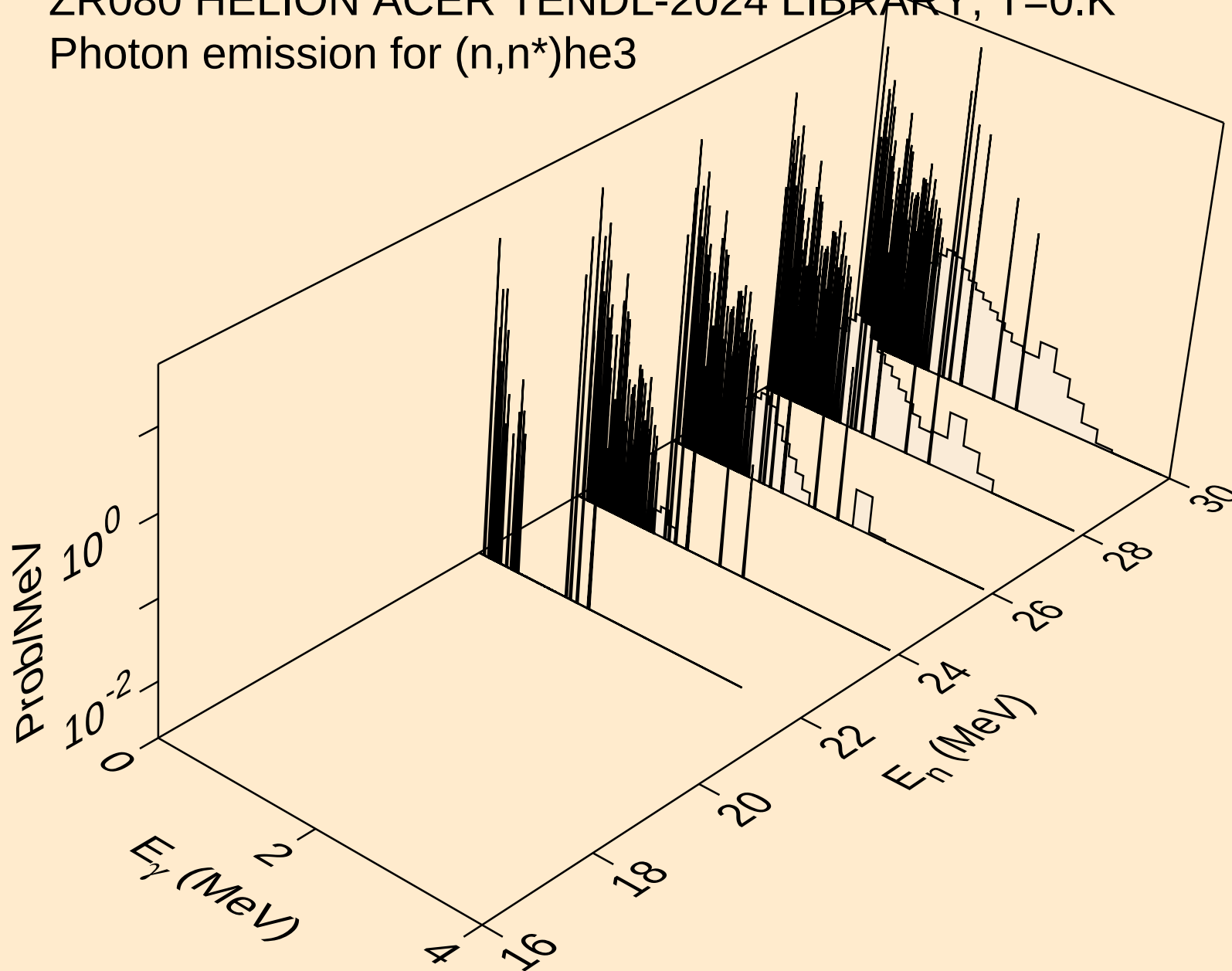
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)d

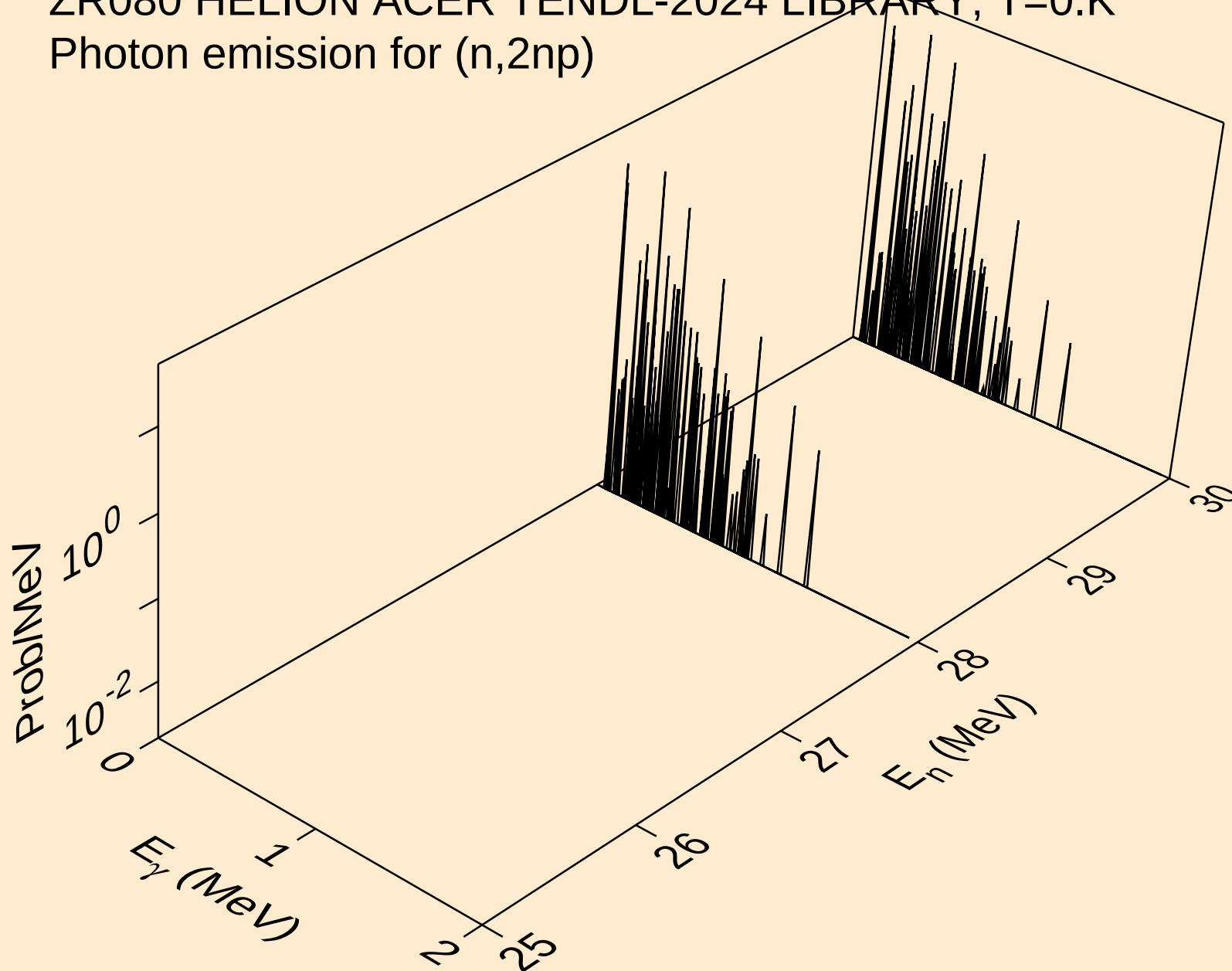


ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K

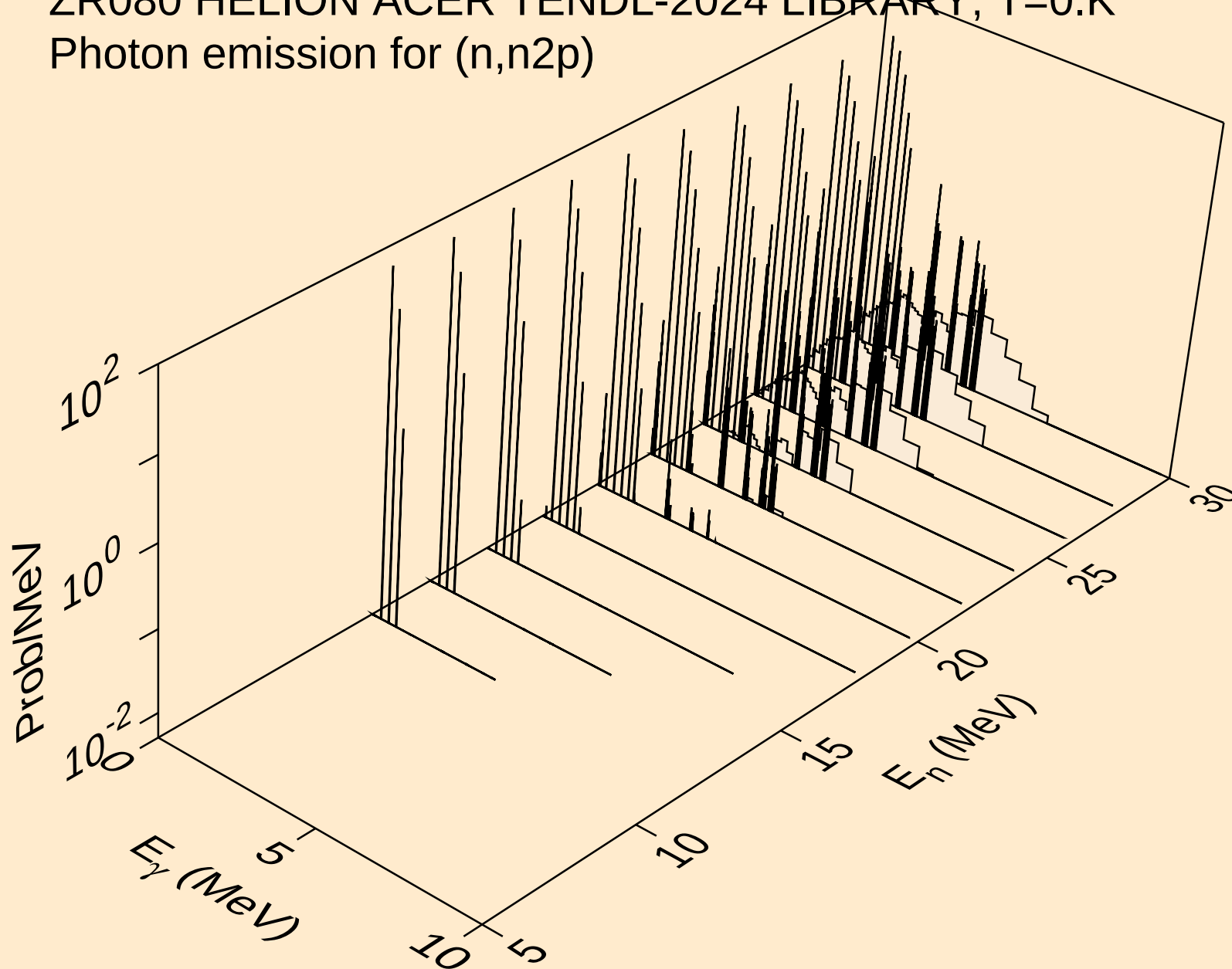
Photon emission for (n,n*)he3



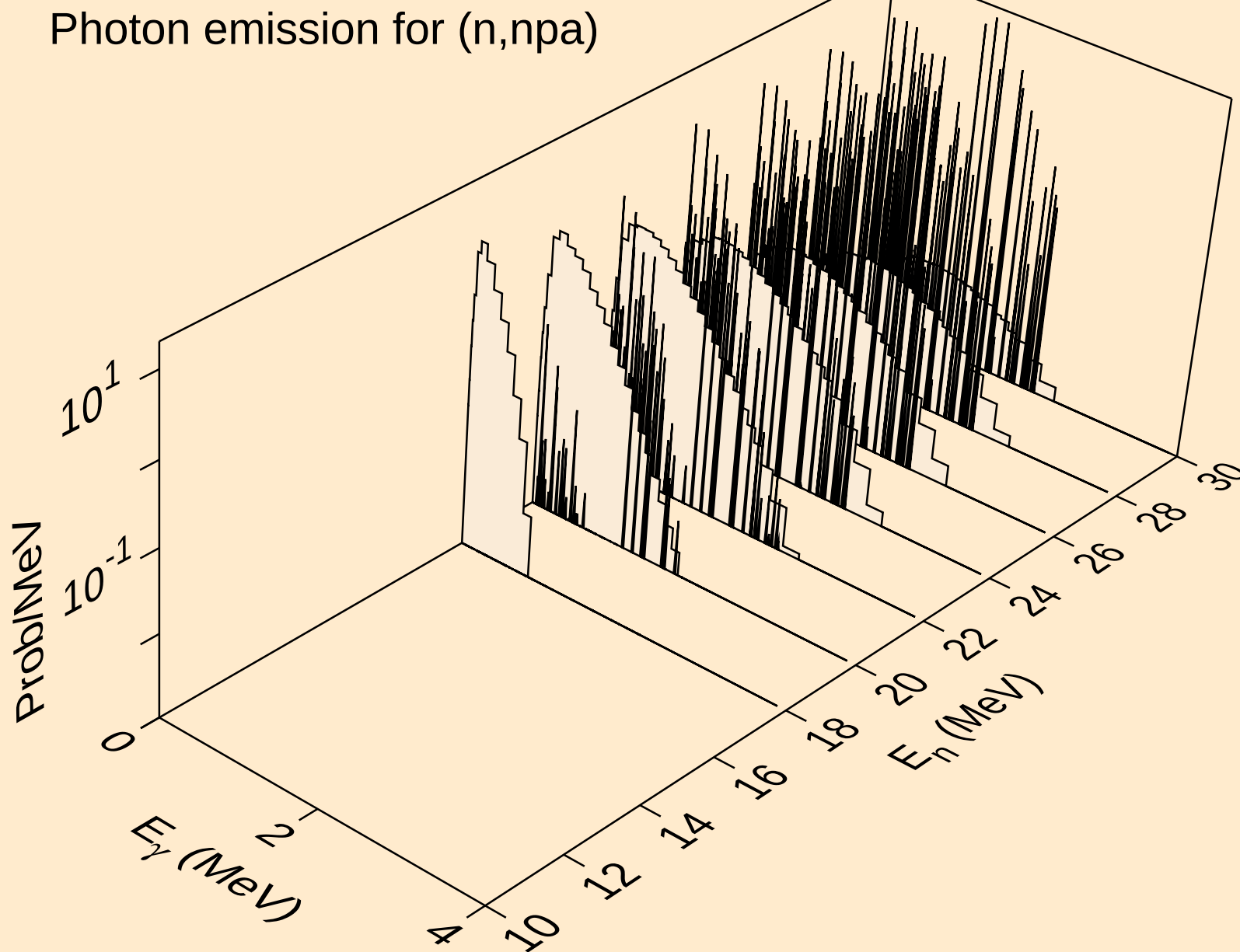
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



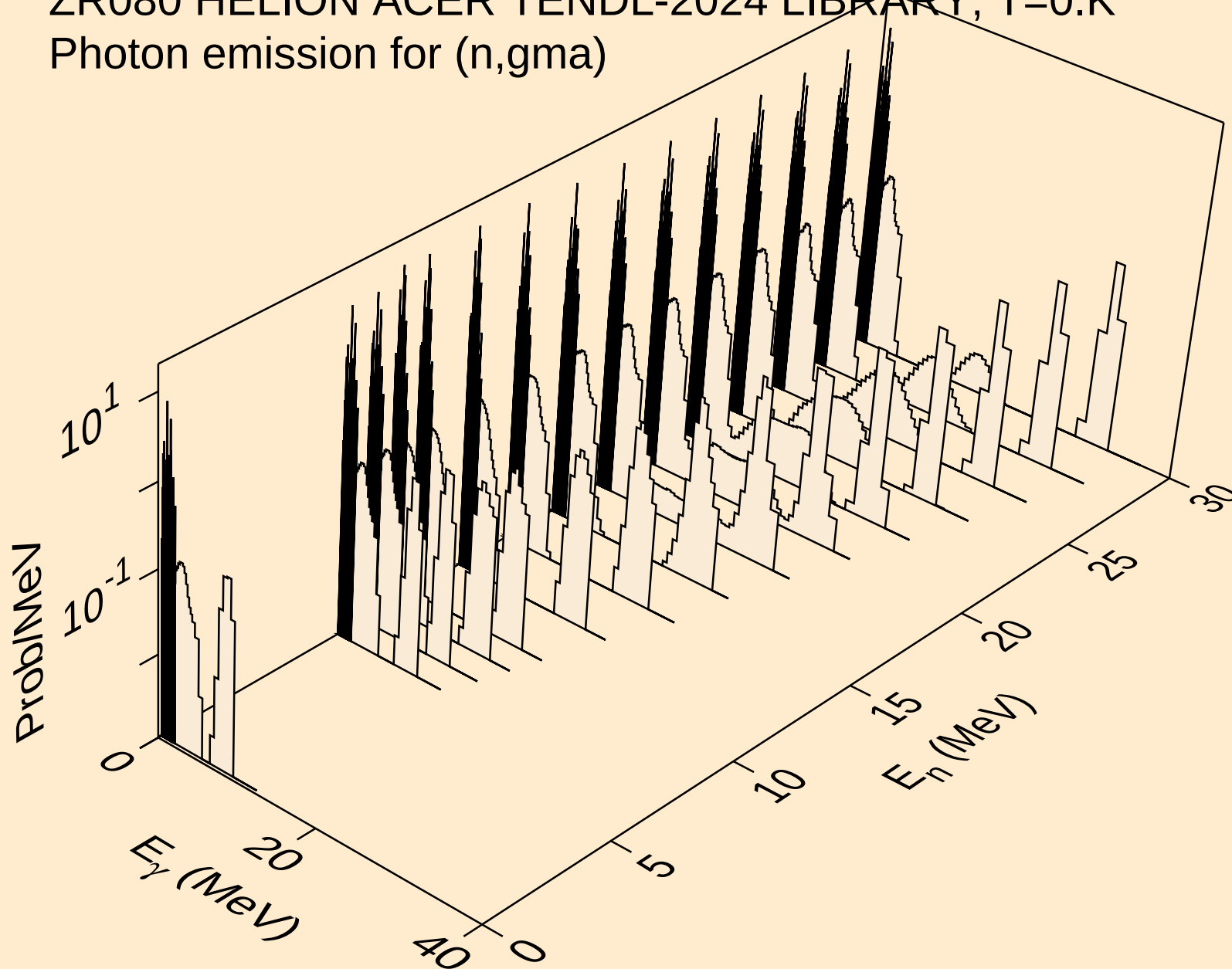
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



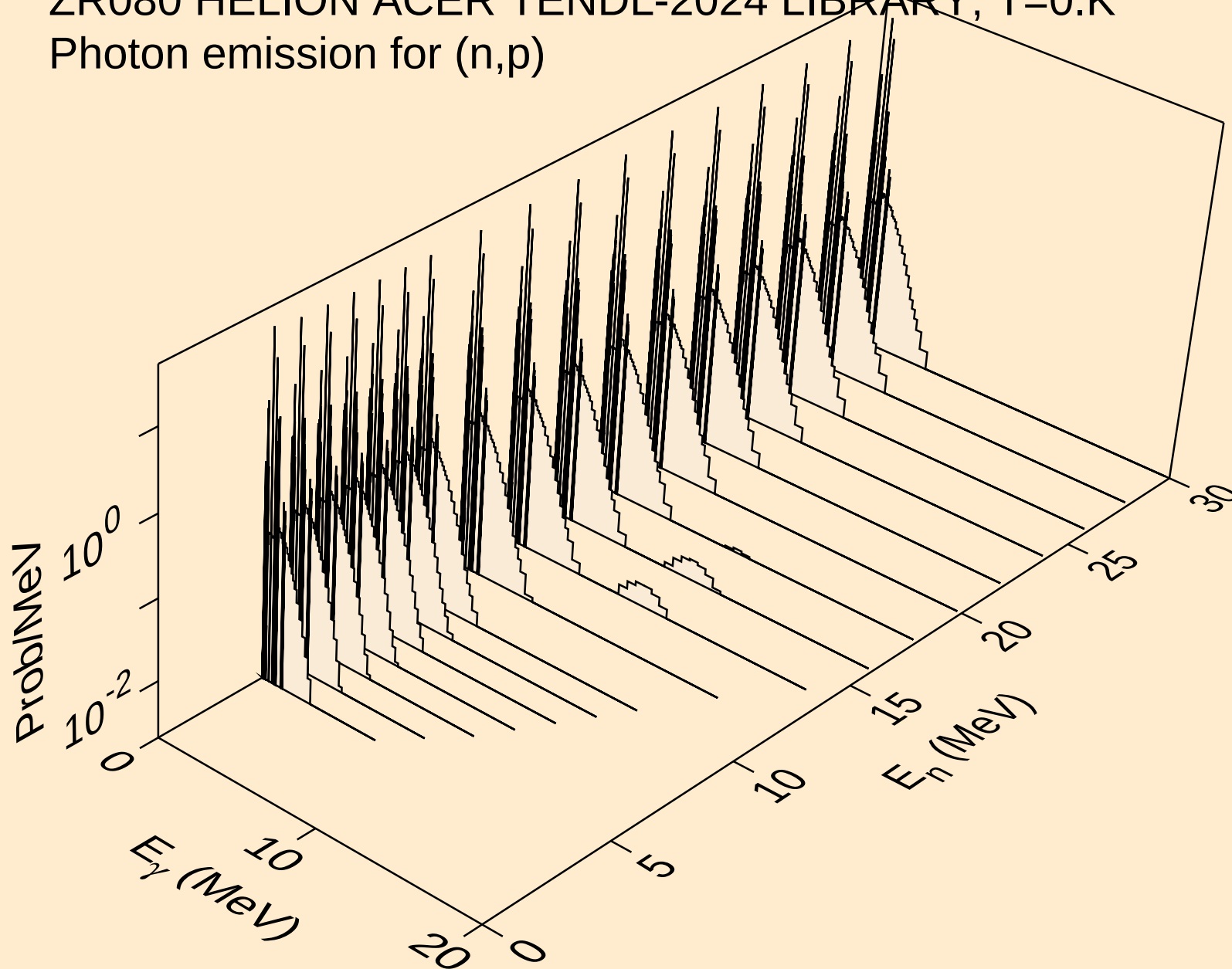
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



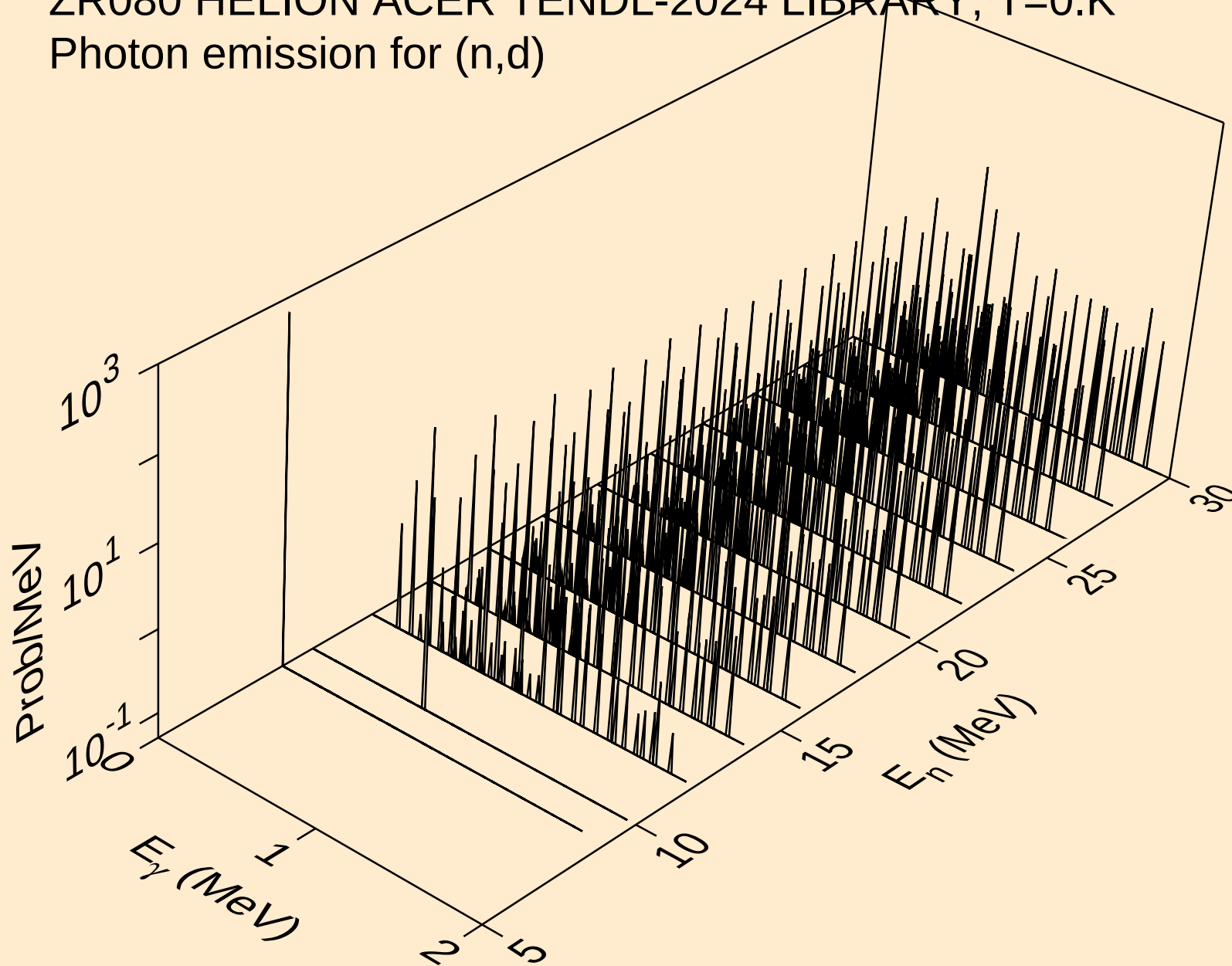
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)

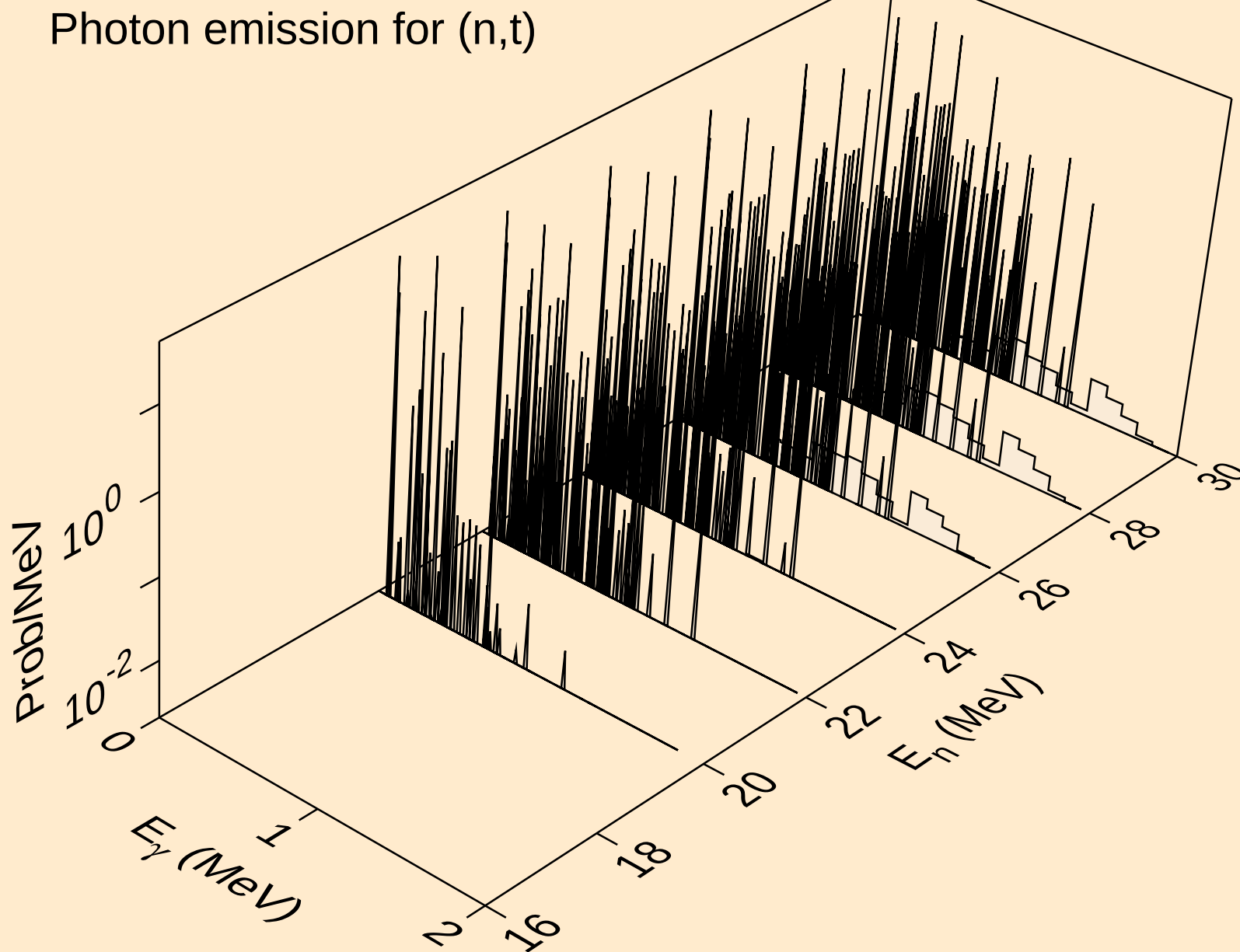


ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)

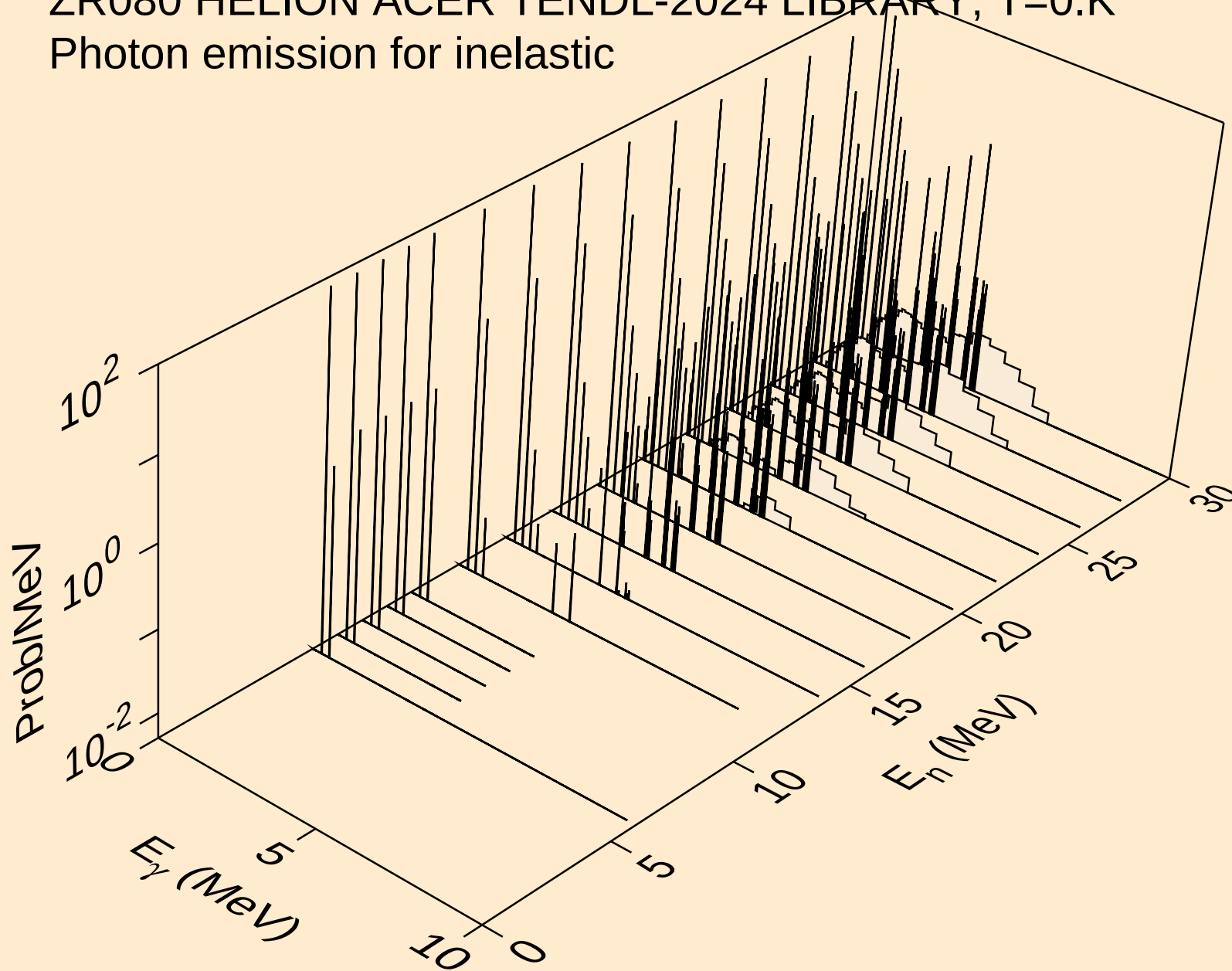


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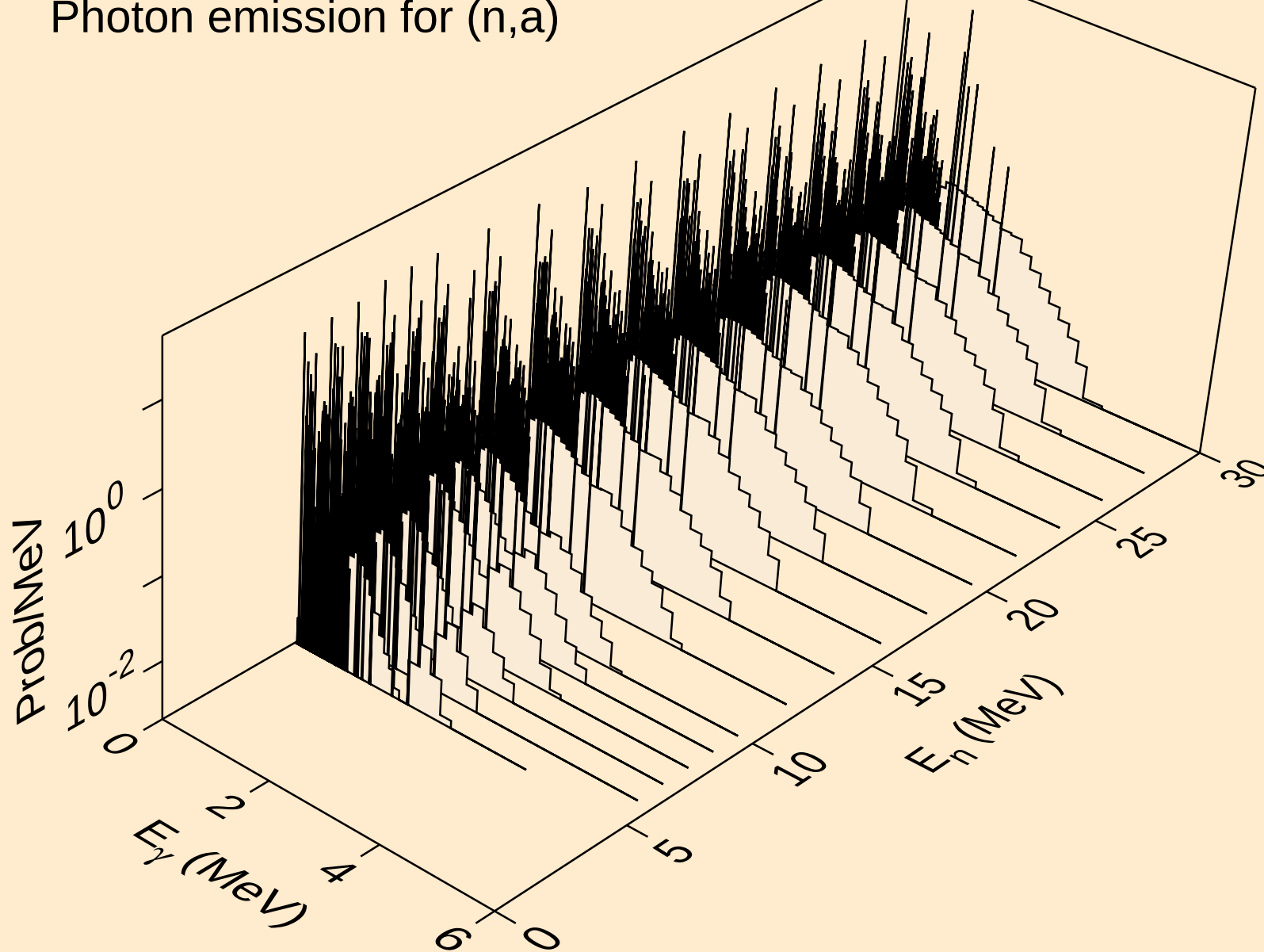
Photon emission for (n,t)



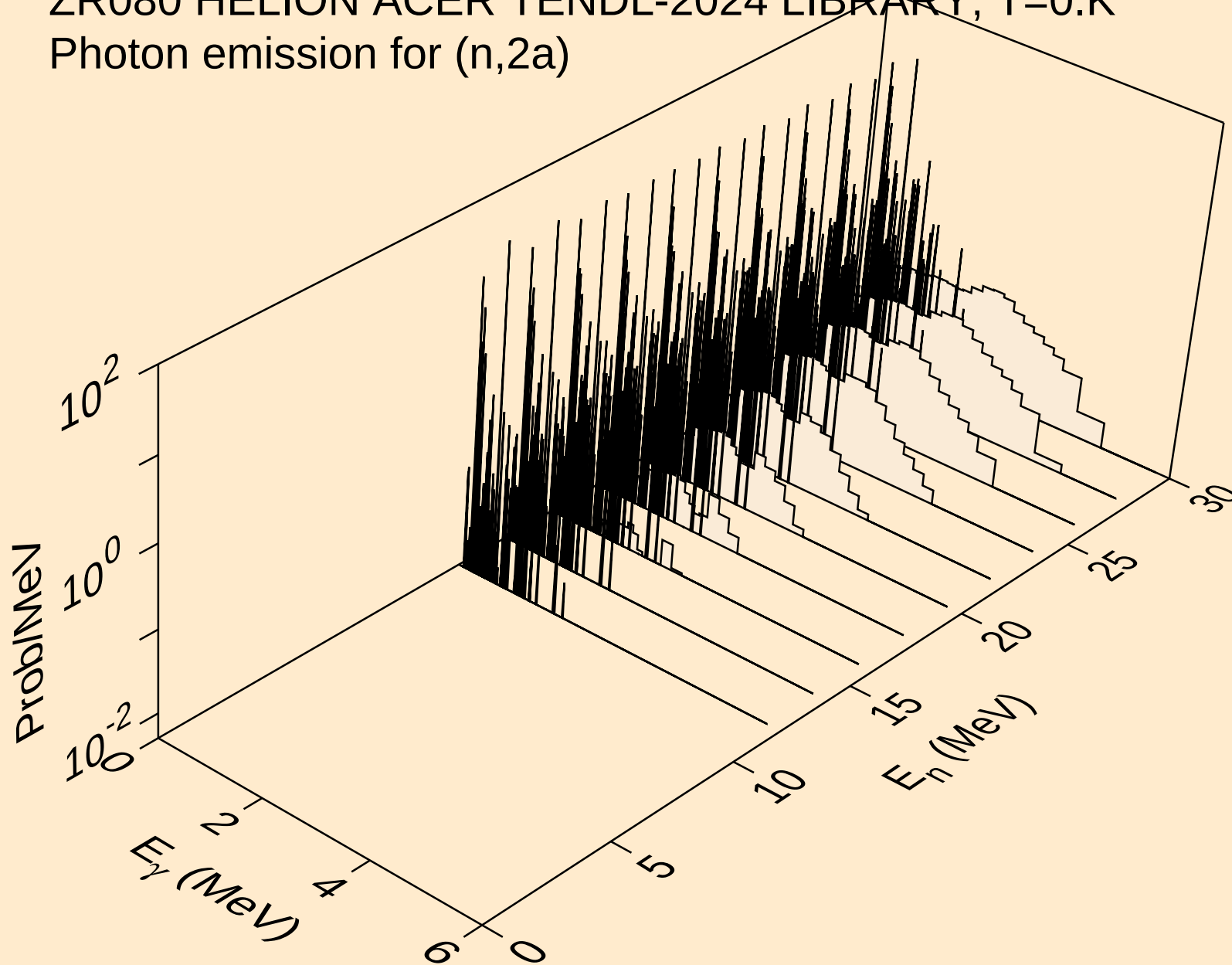
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



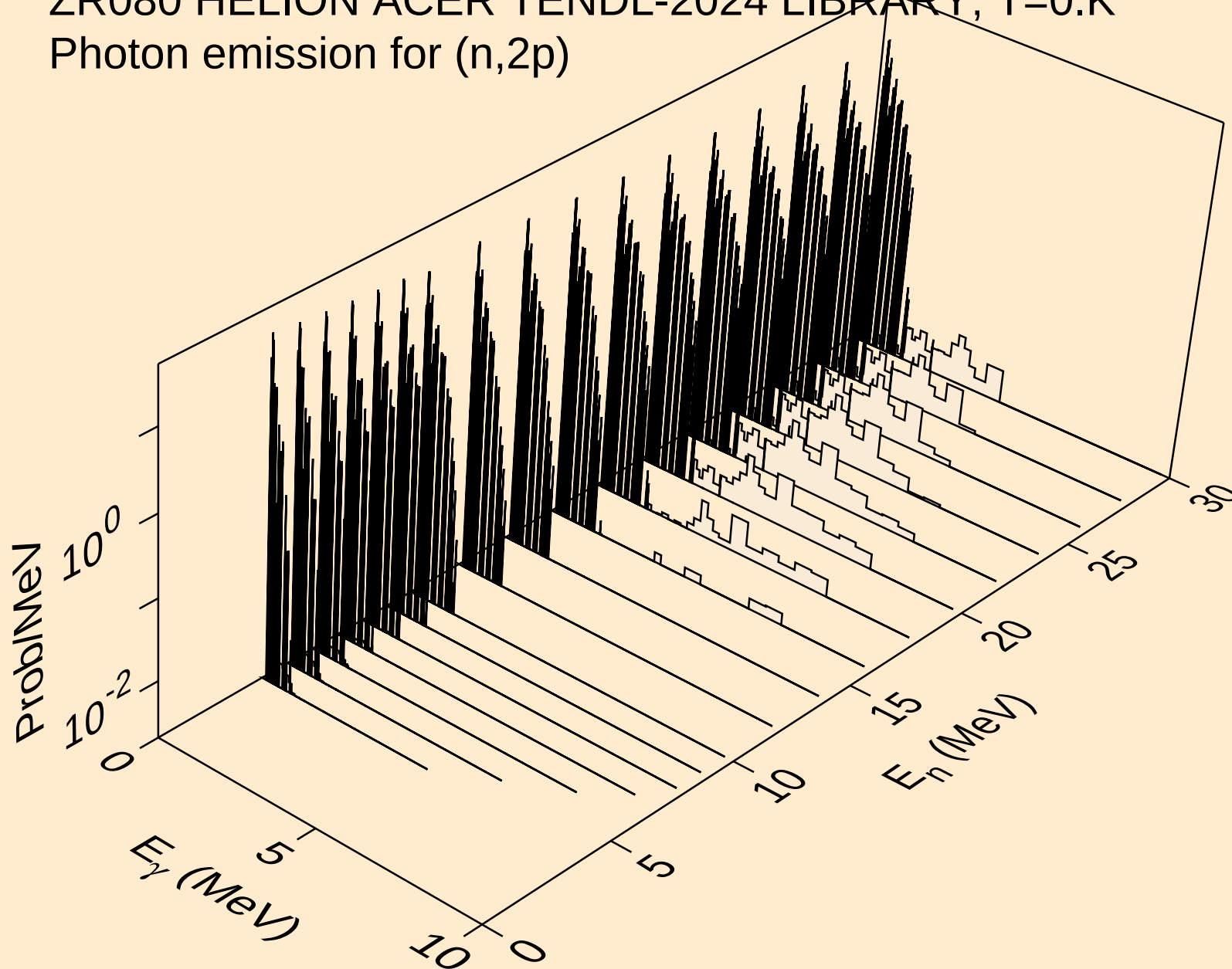
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



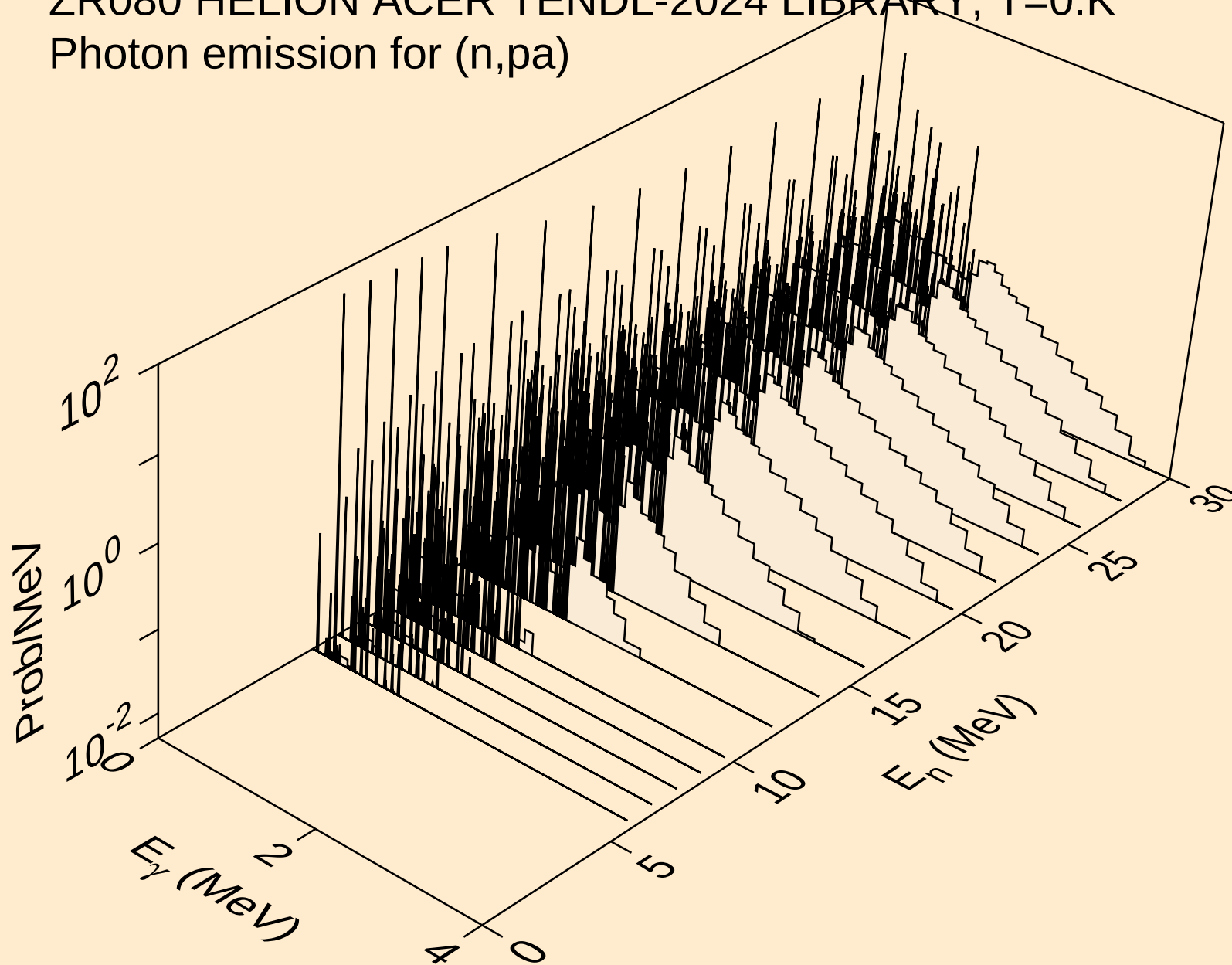
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



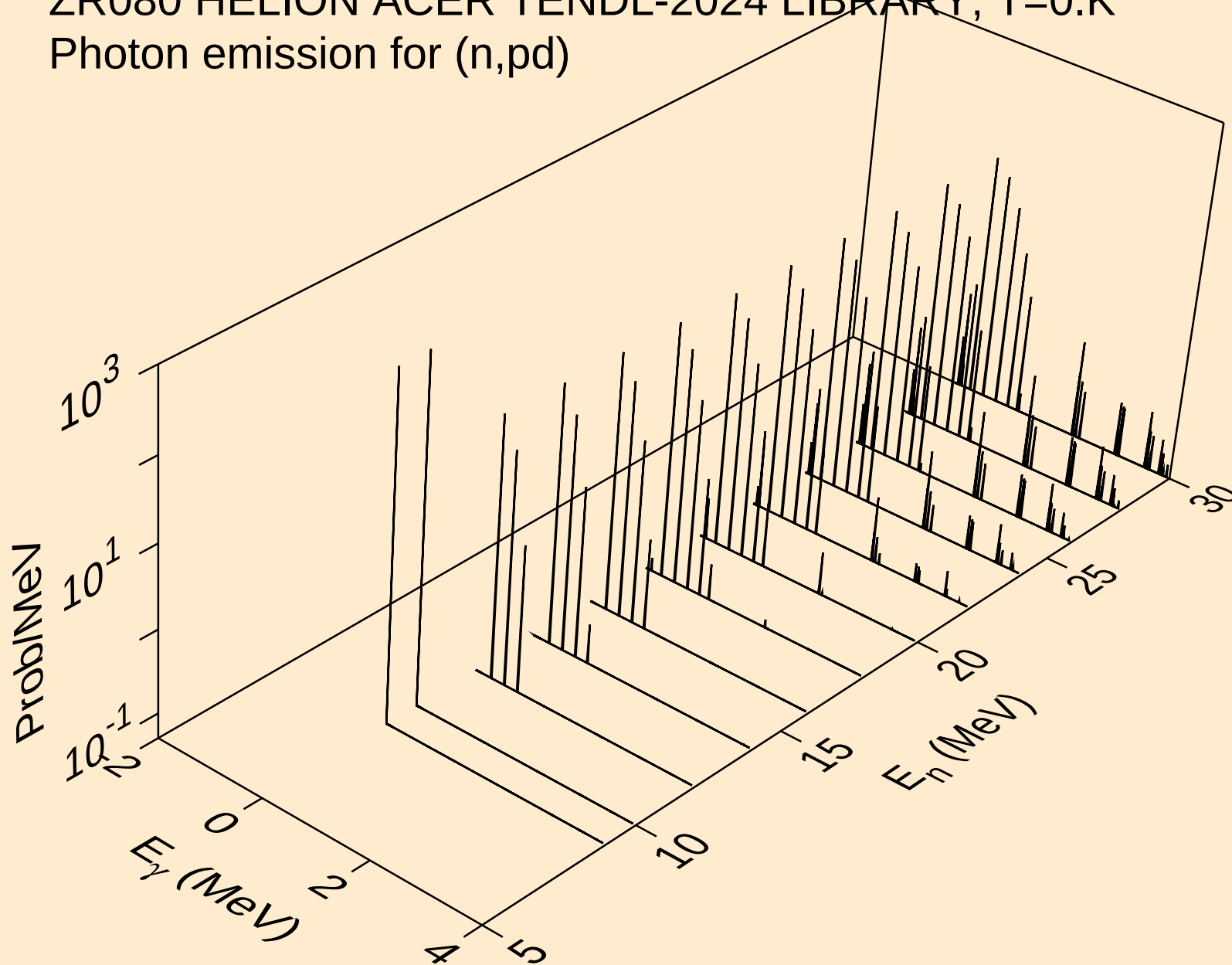
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p α)

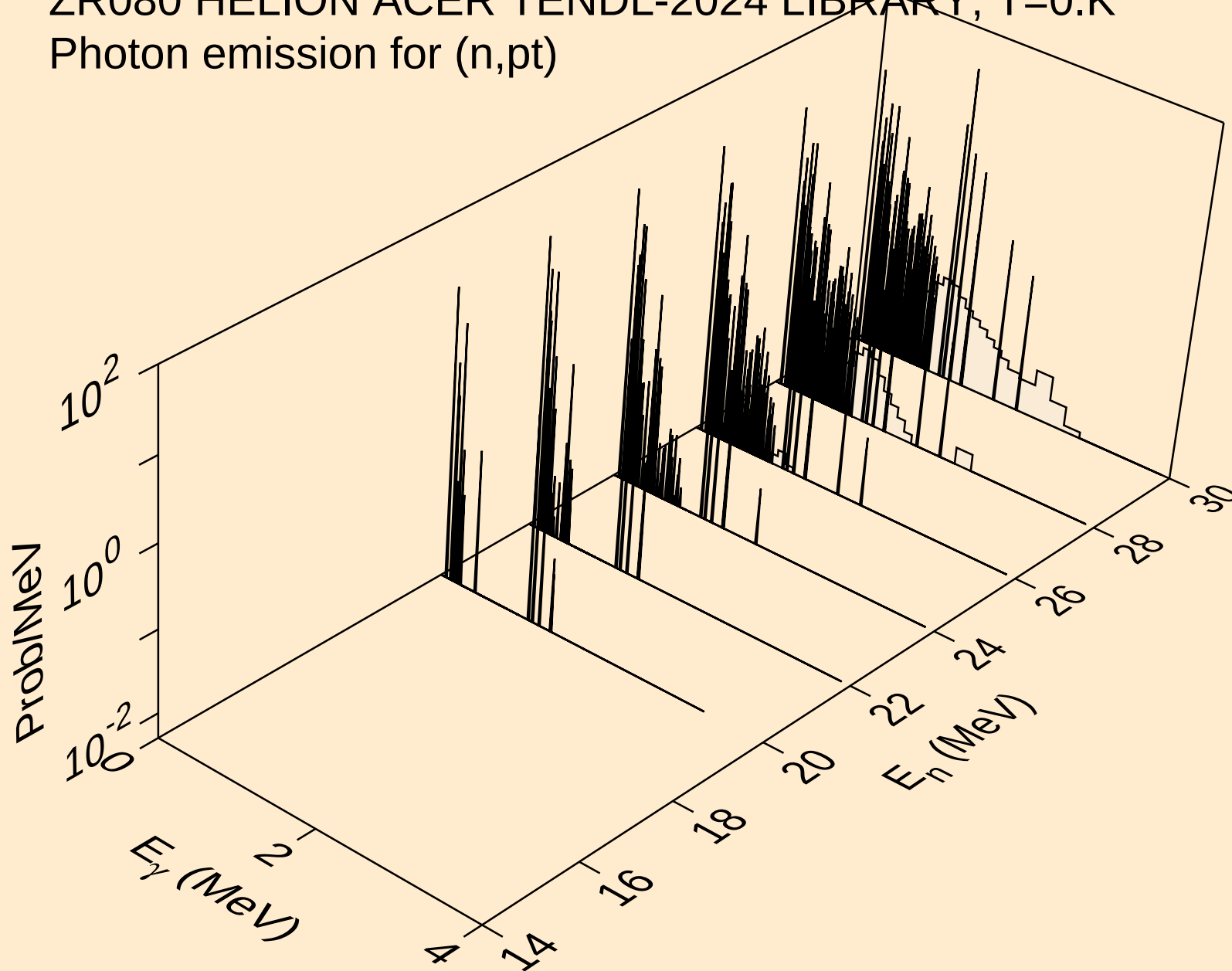


ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)

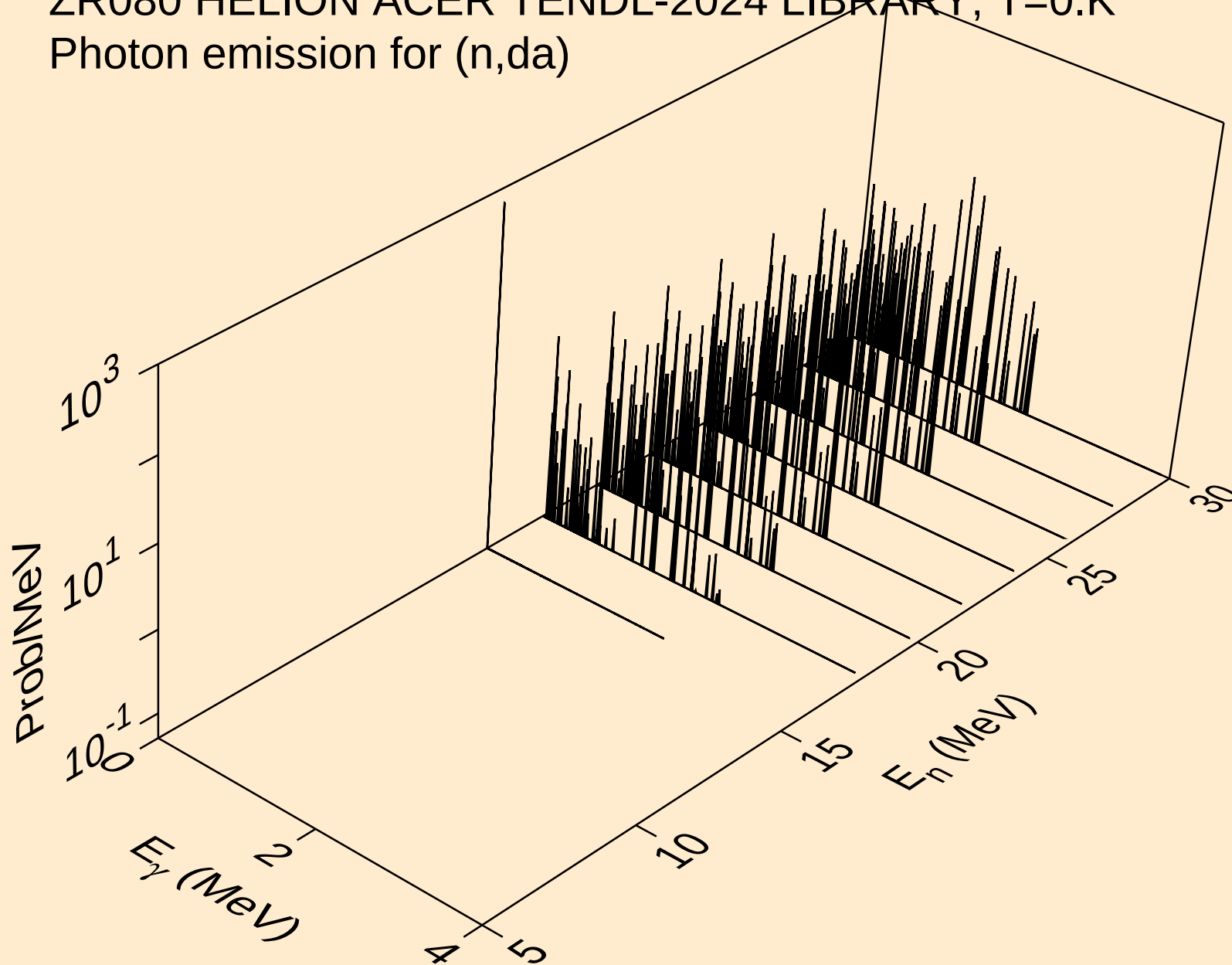


ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,pt)

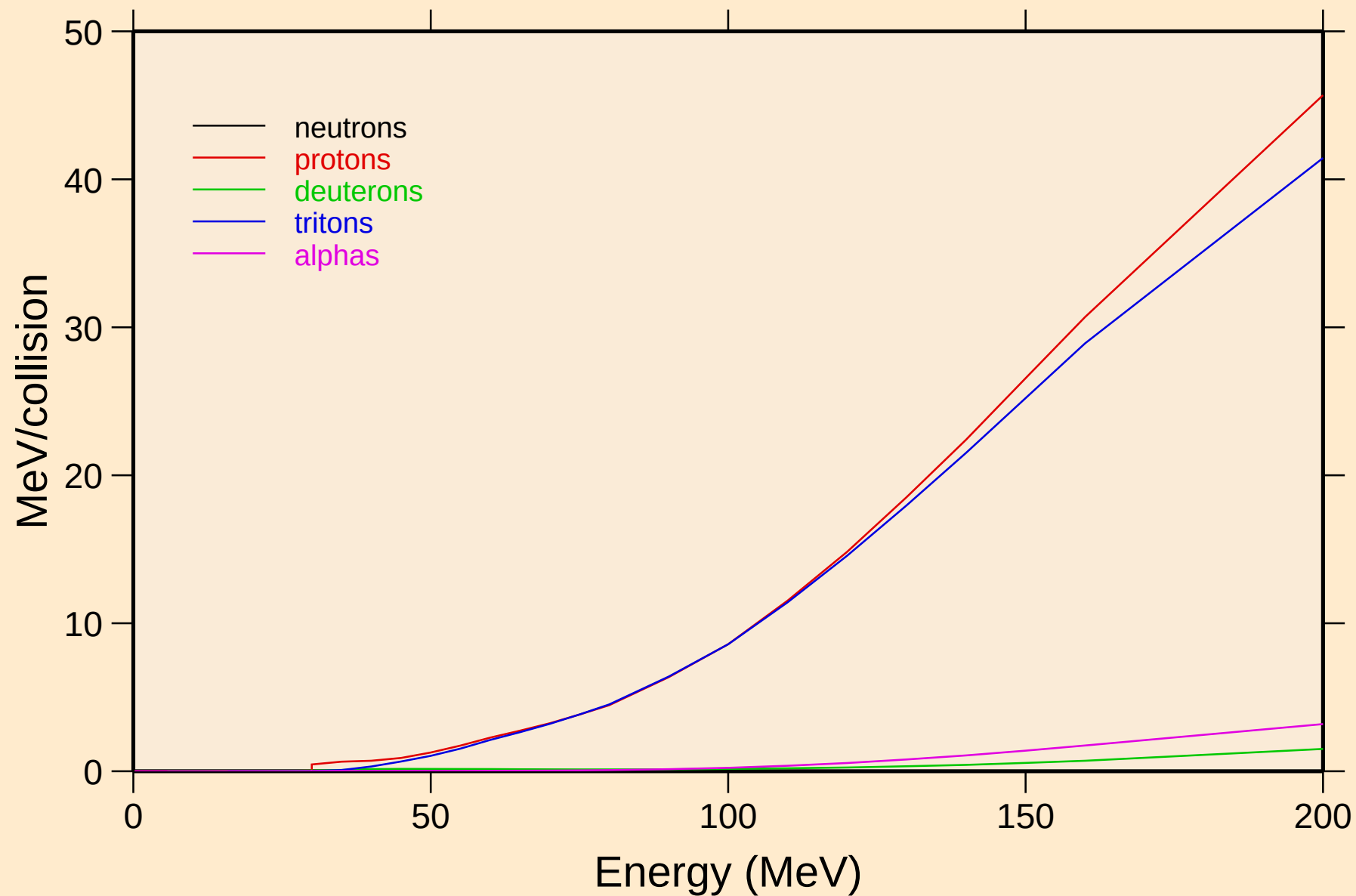


ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



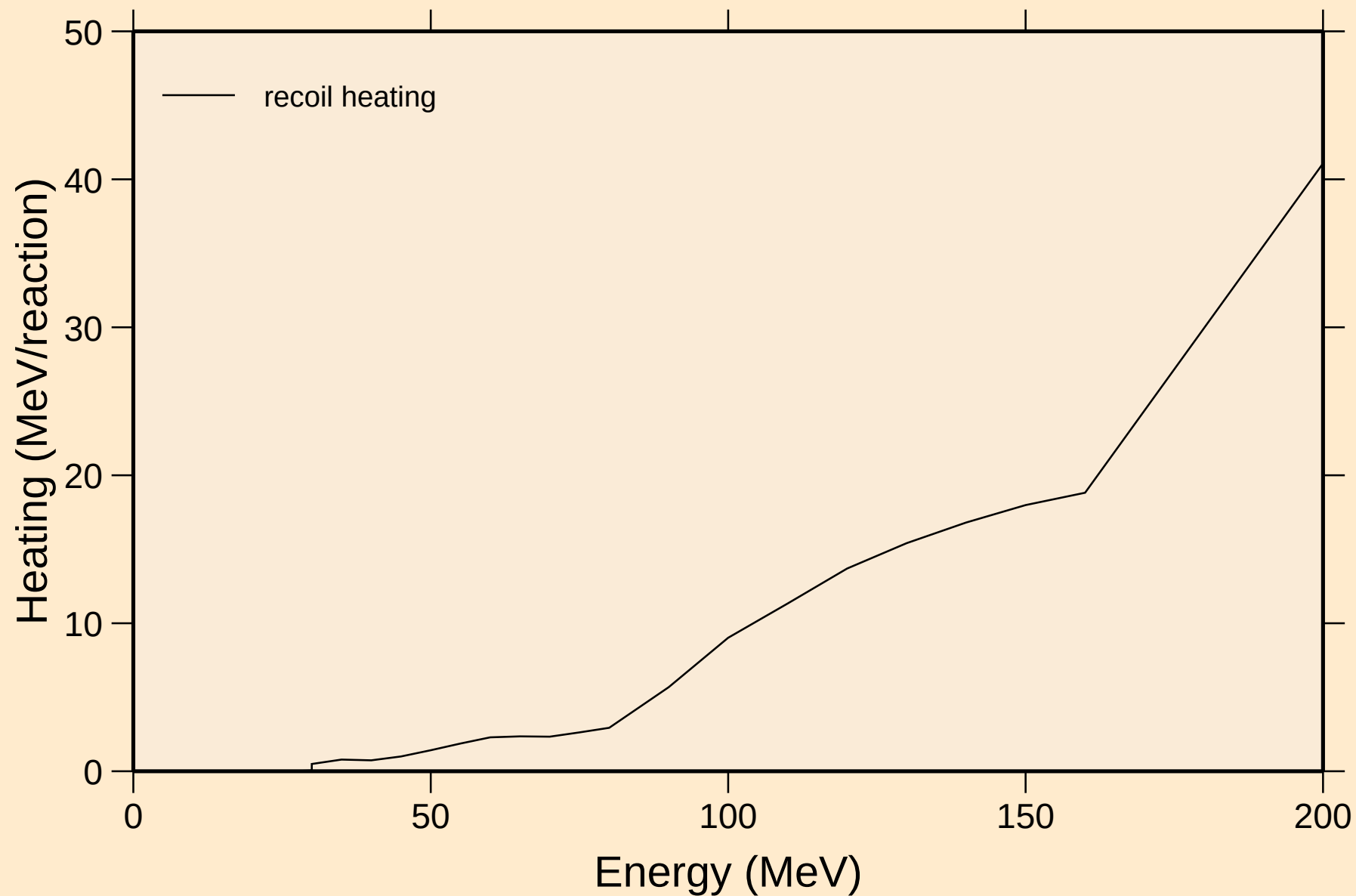
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



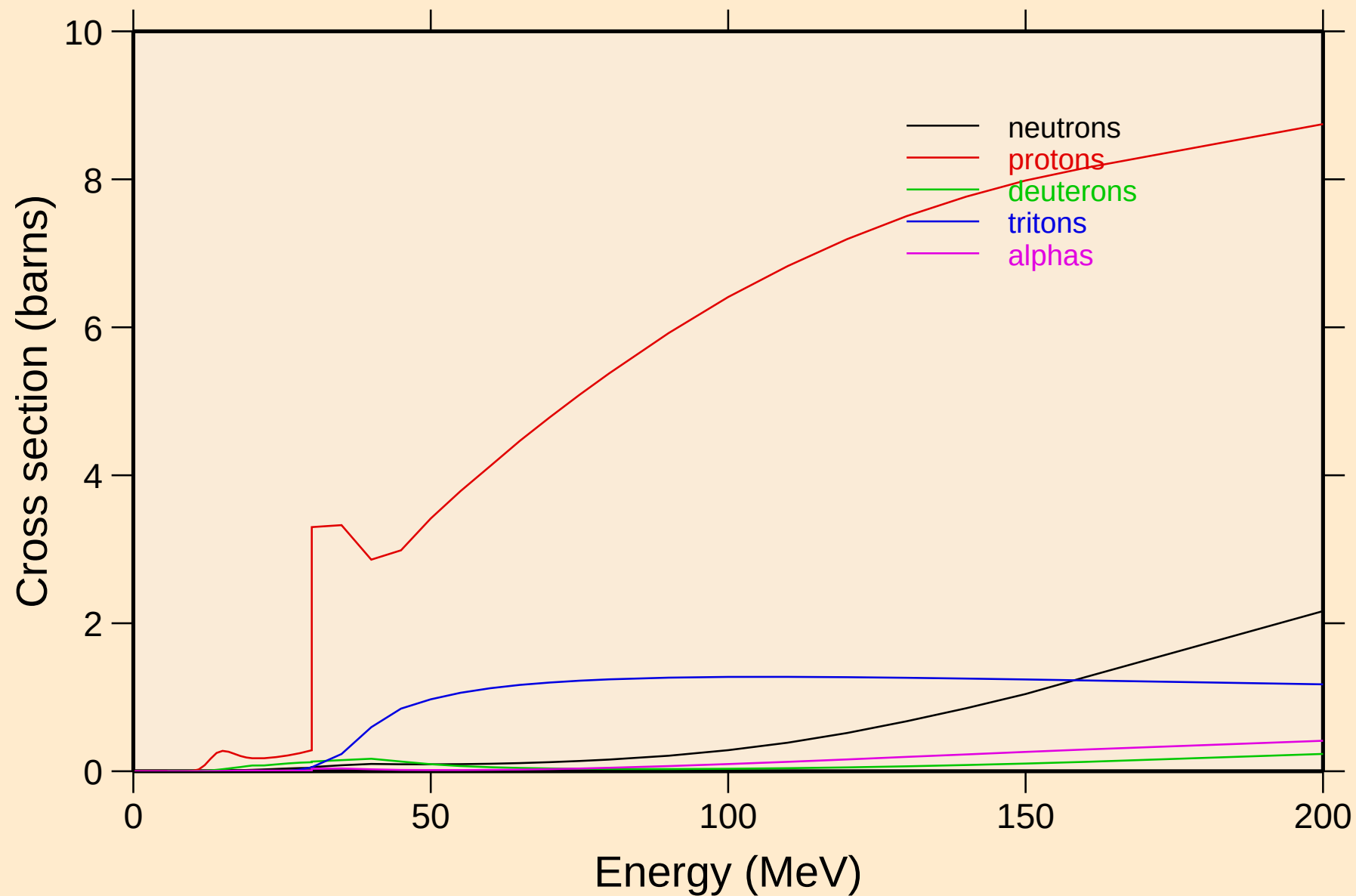
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

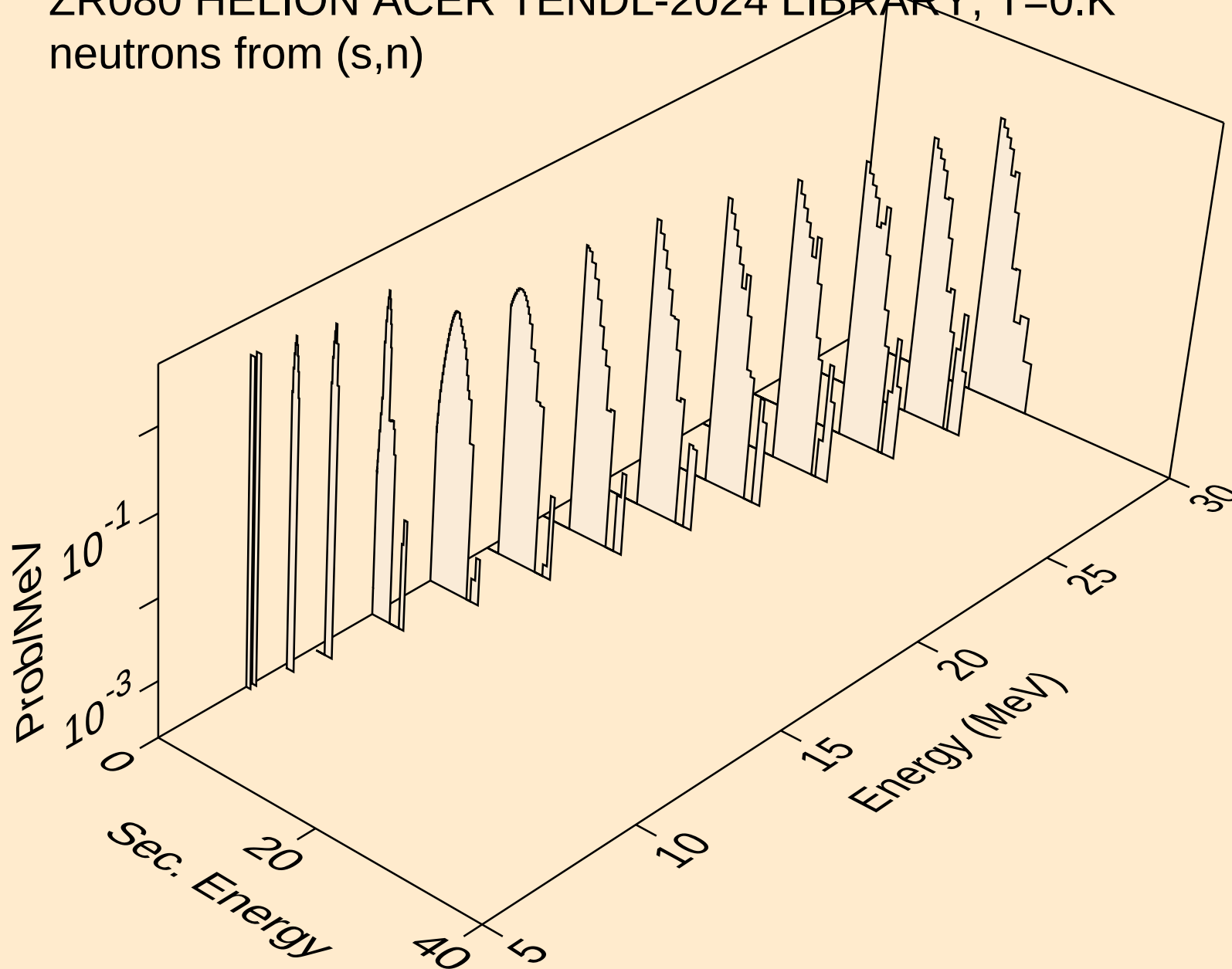


ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K

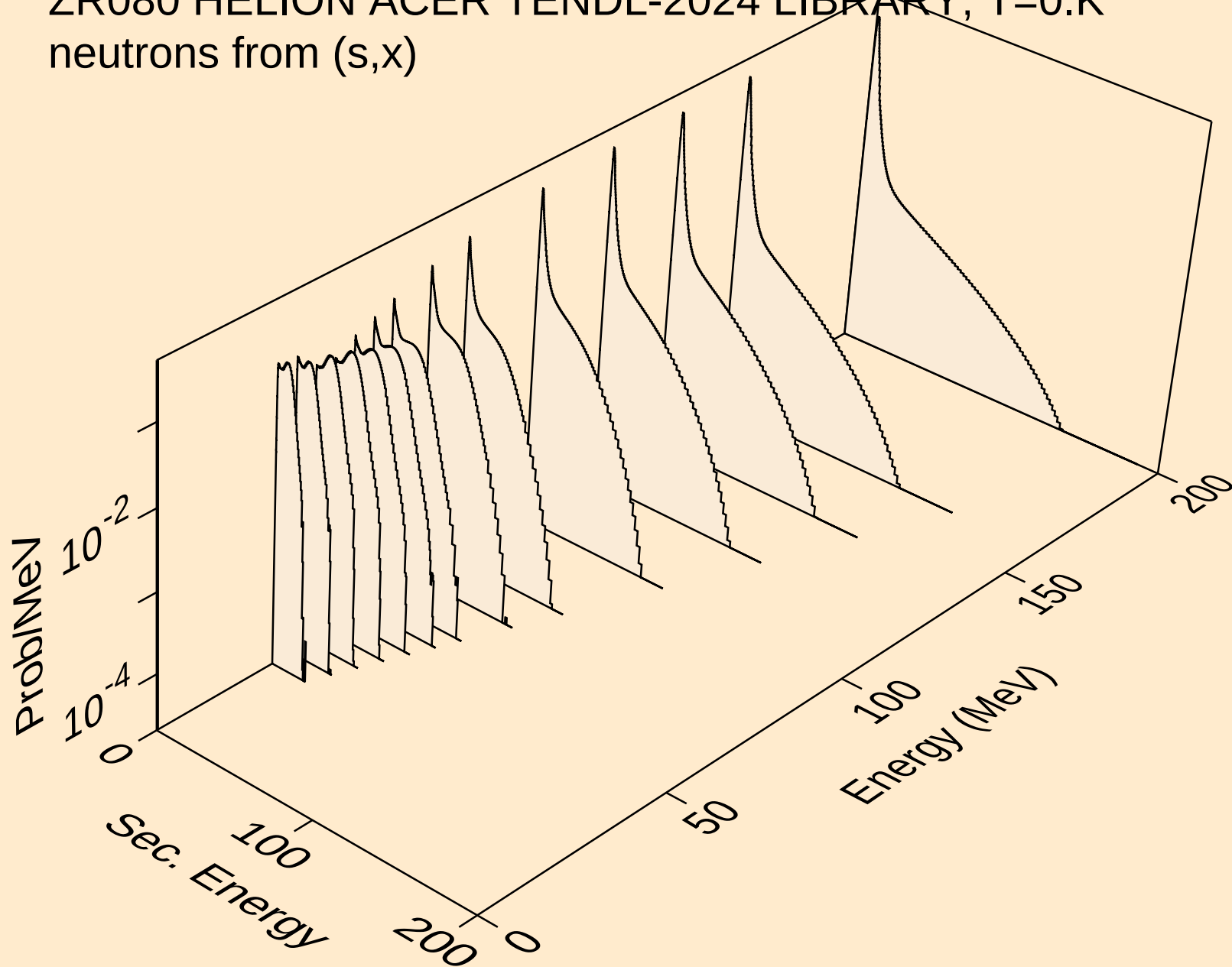
Particle production cross sections



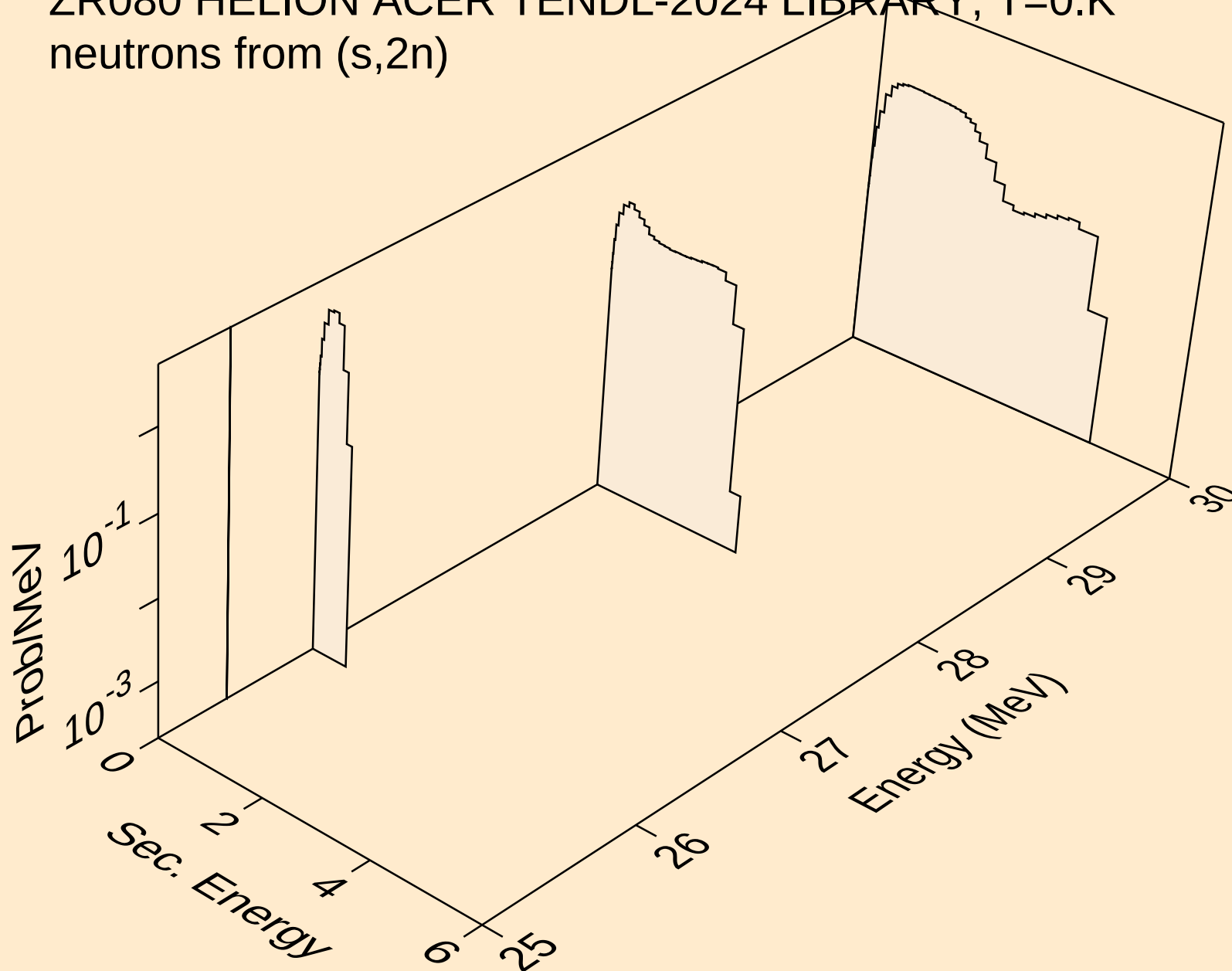
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n)



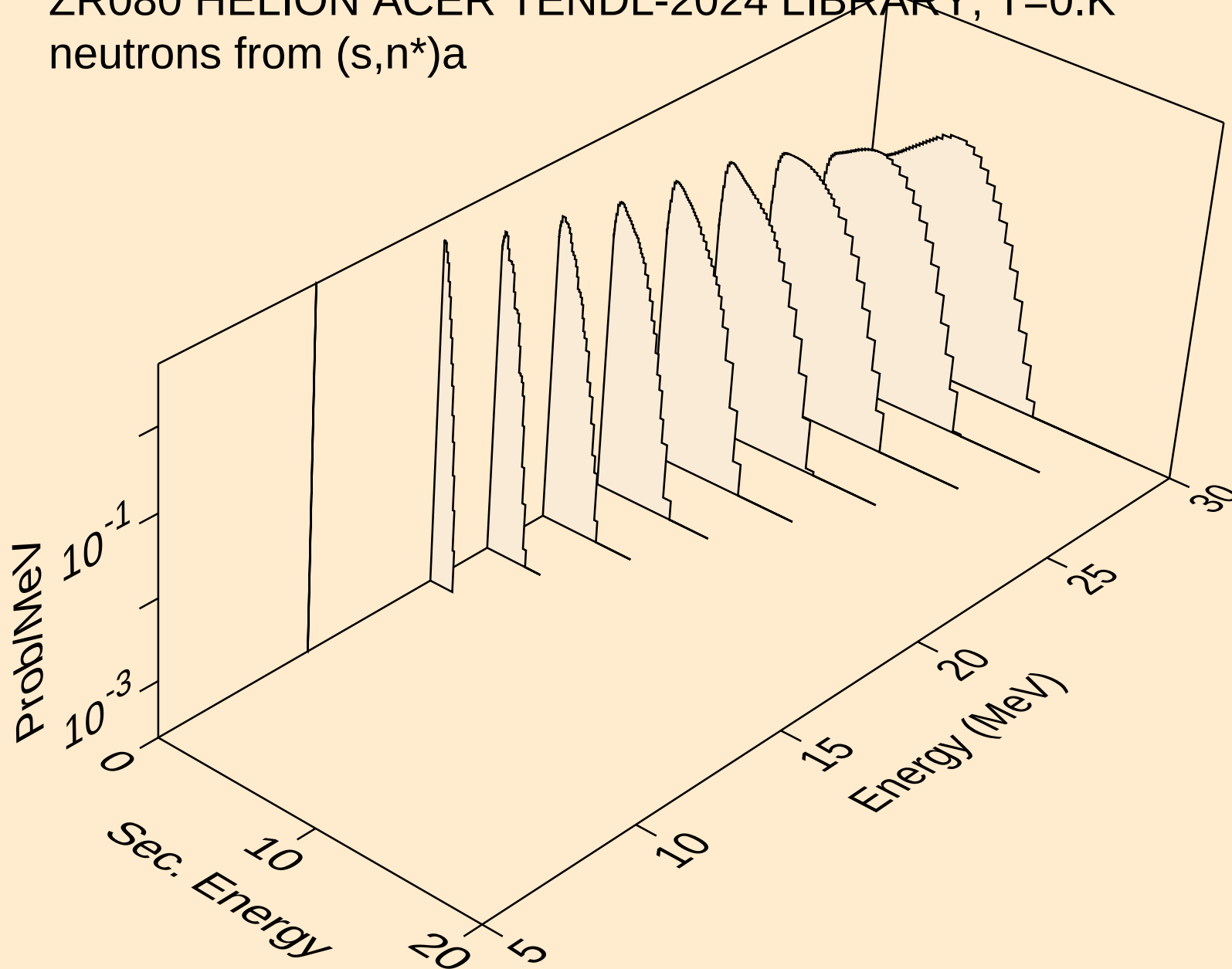
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,x)



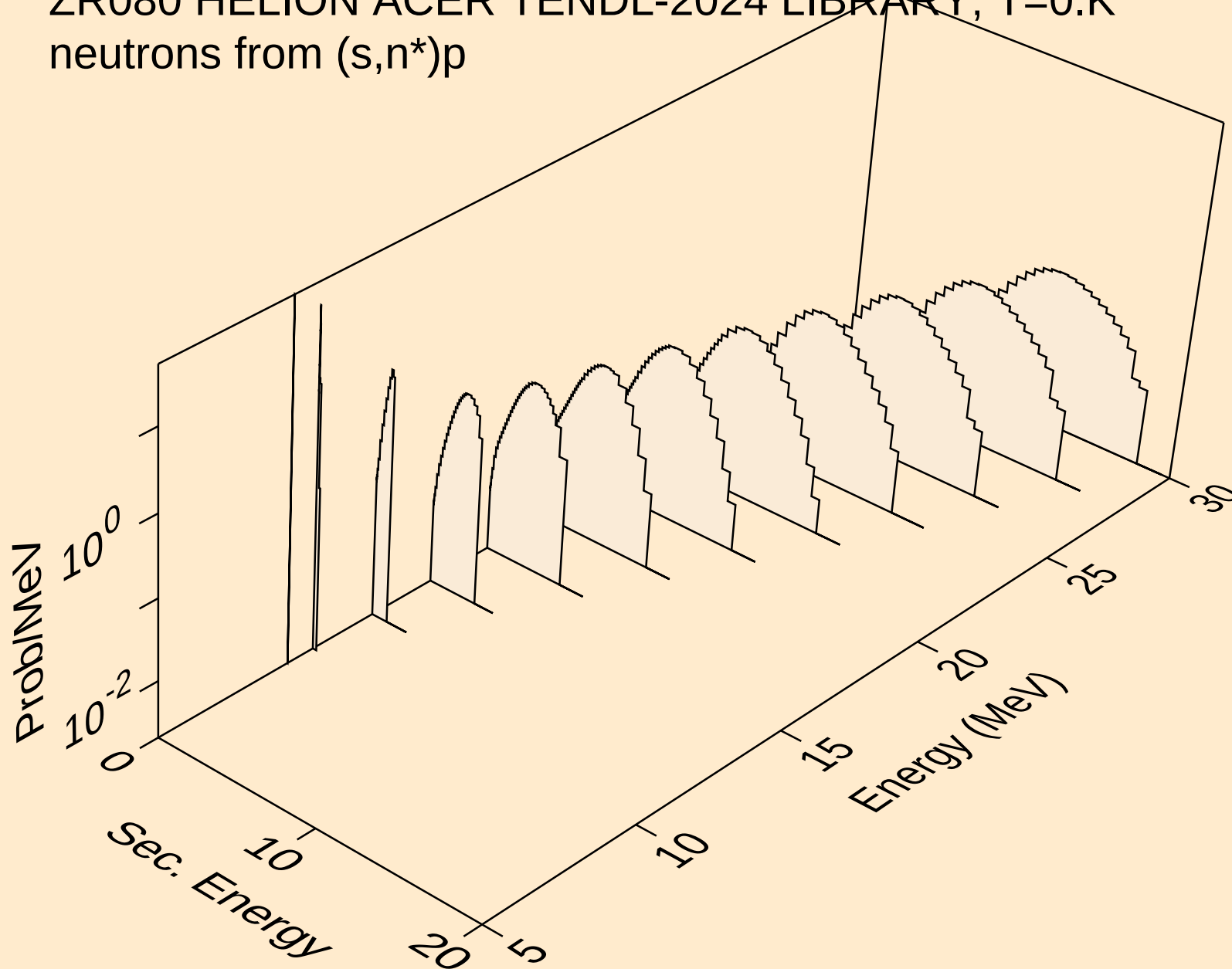
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,2n)



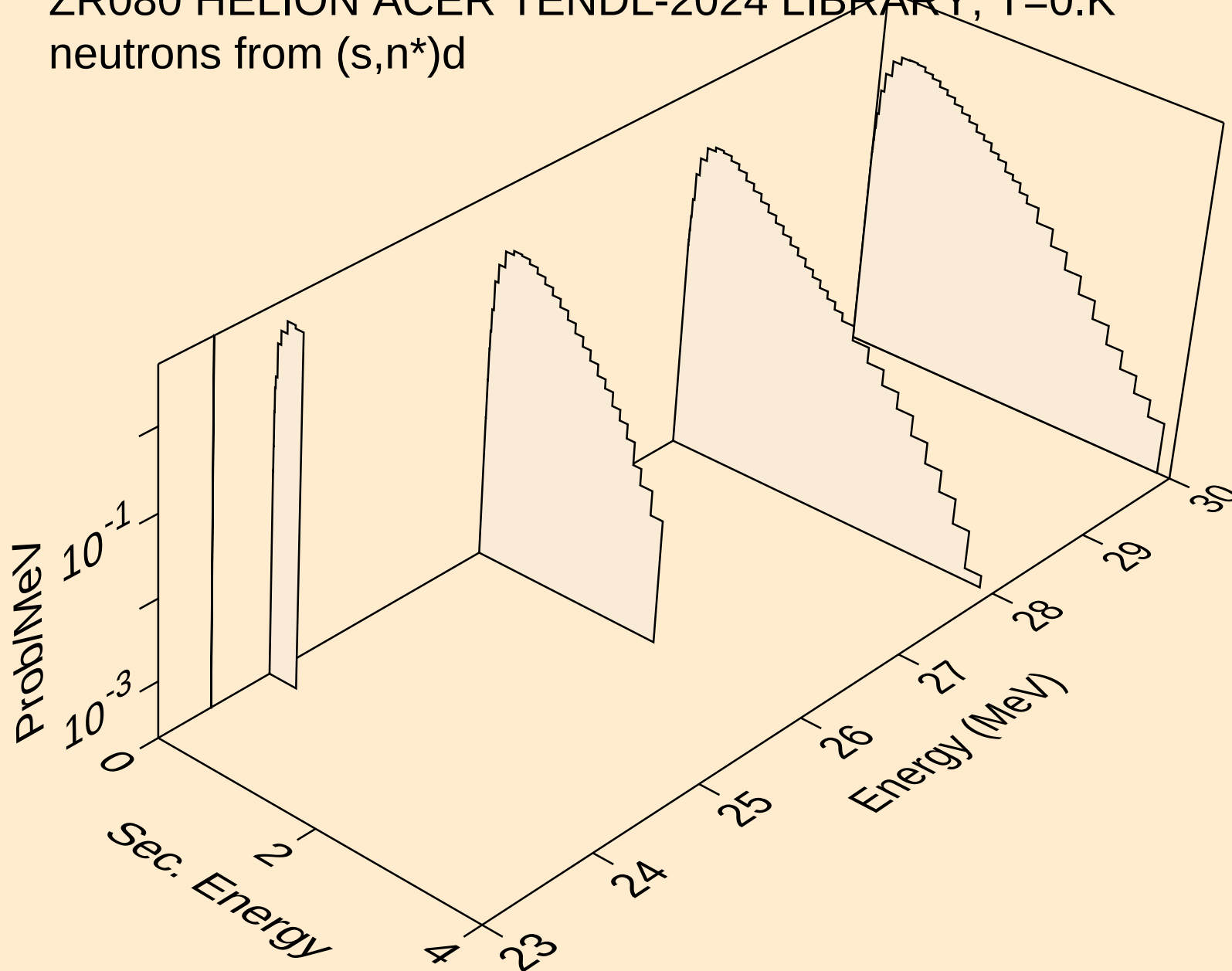
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)a



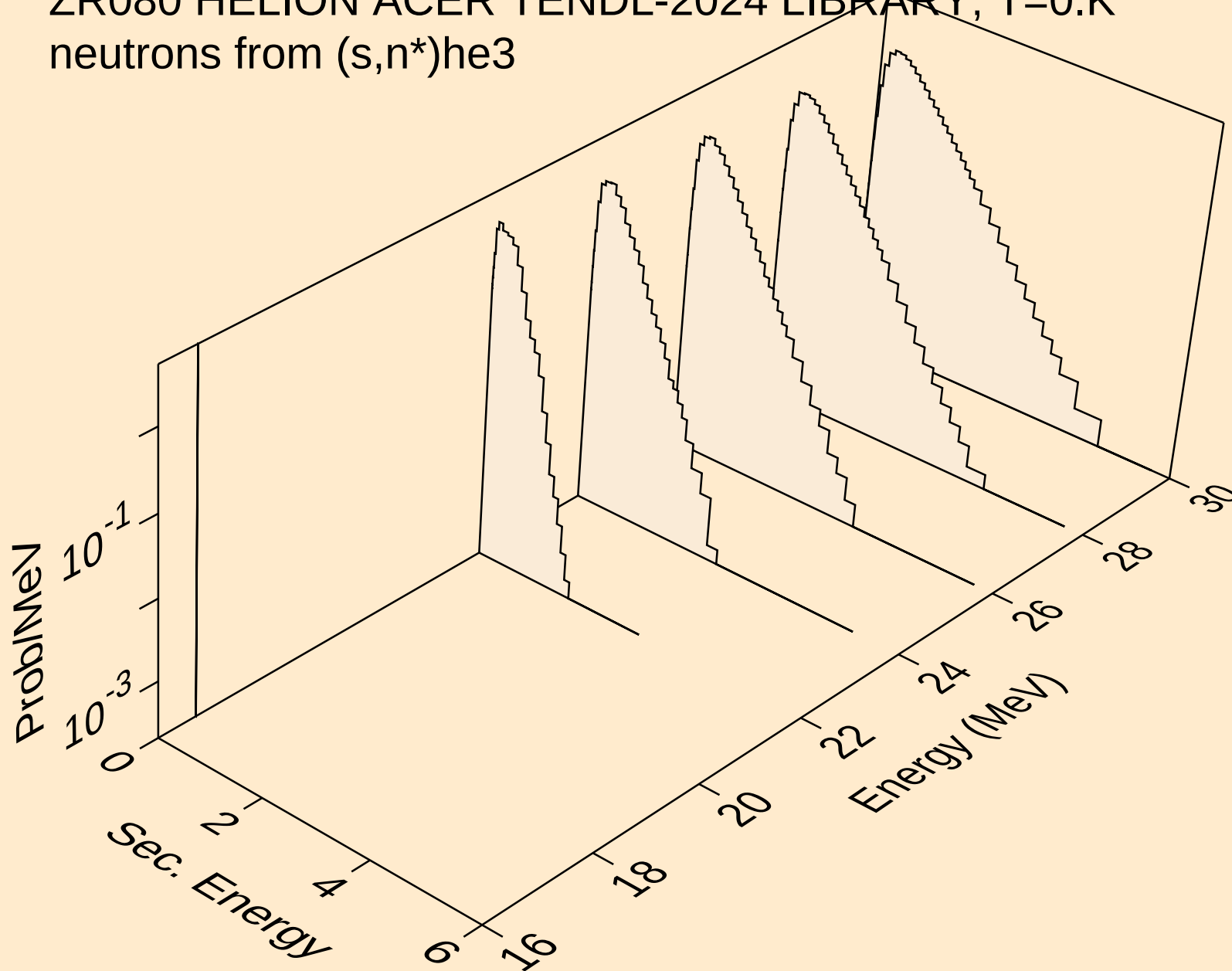
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)p



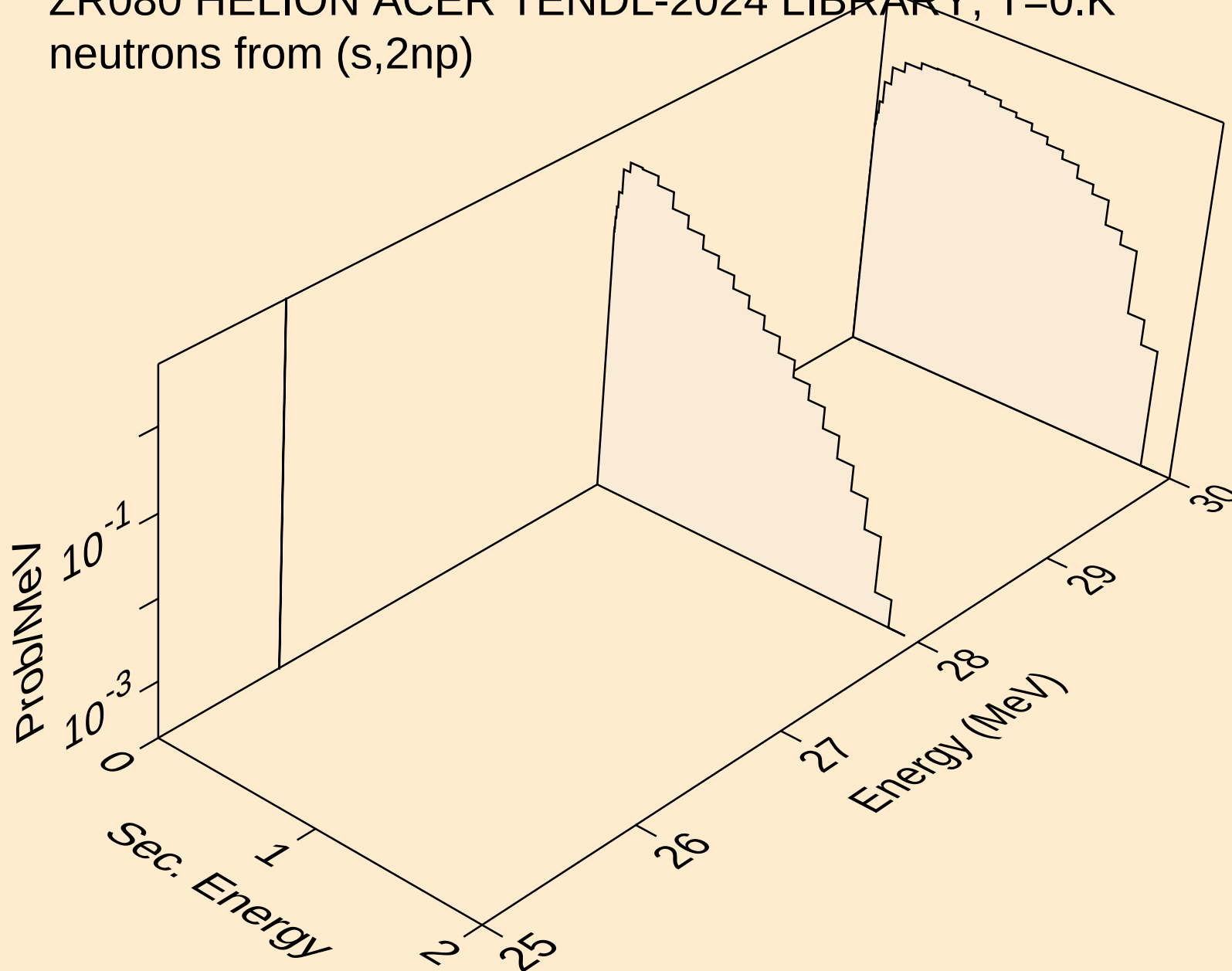
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)d



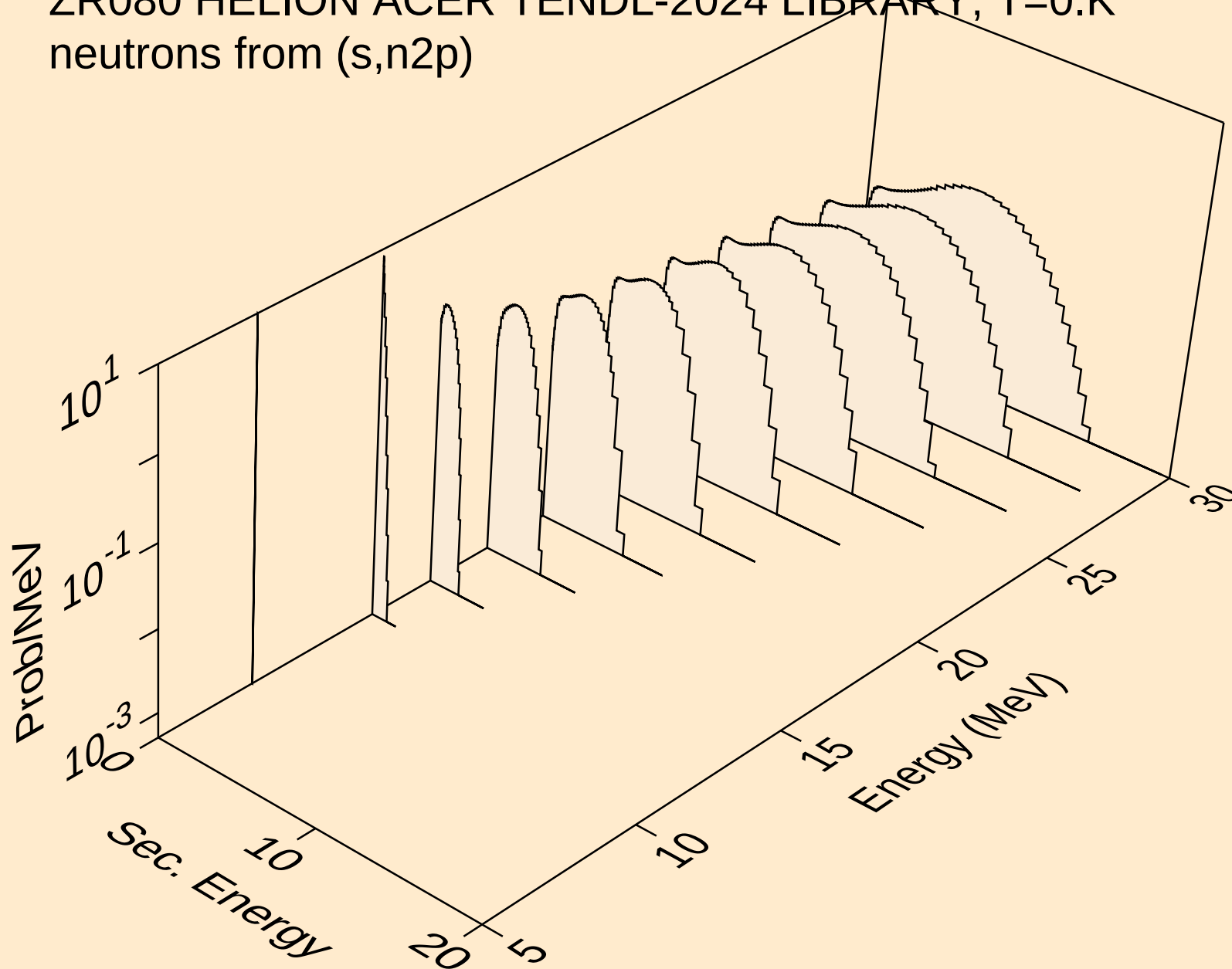
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)he3



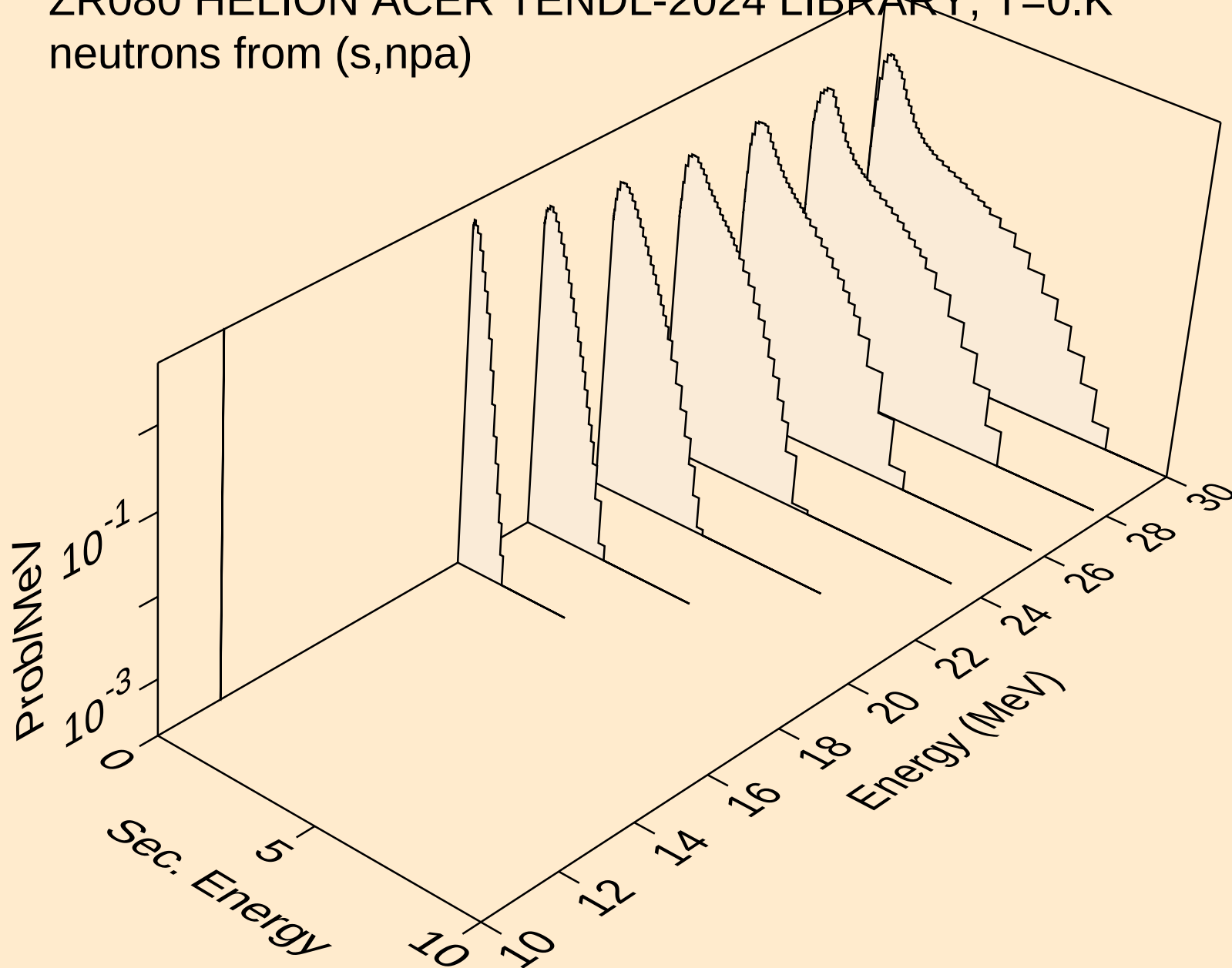
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neutrons from (s,2np)



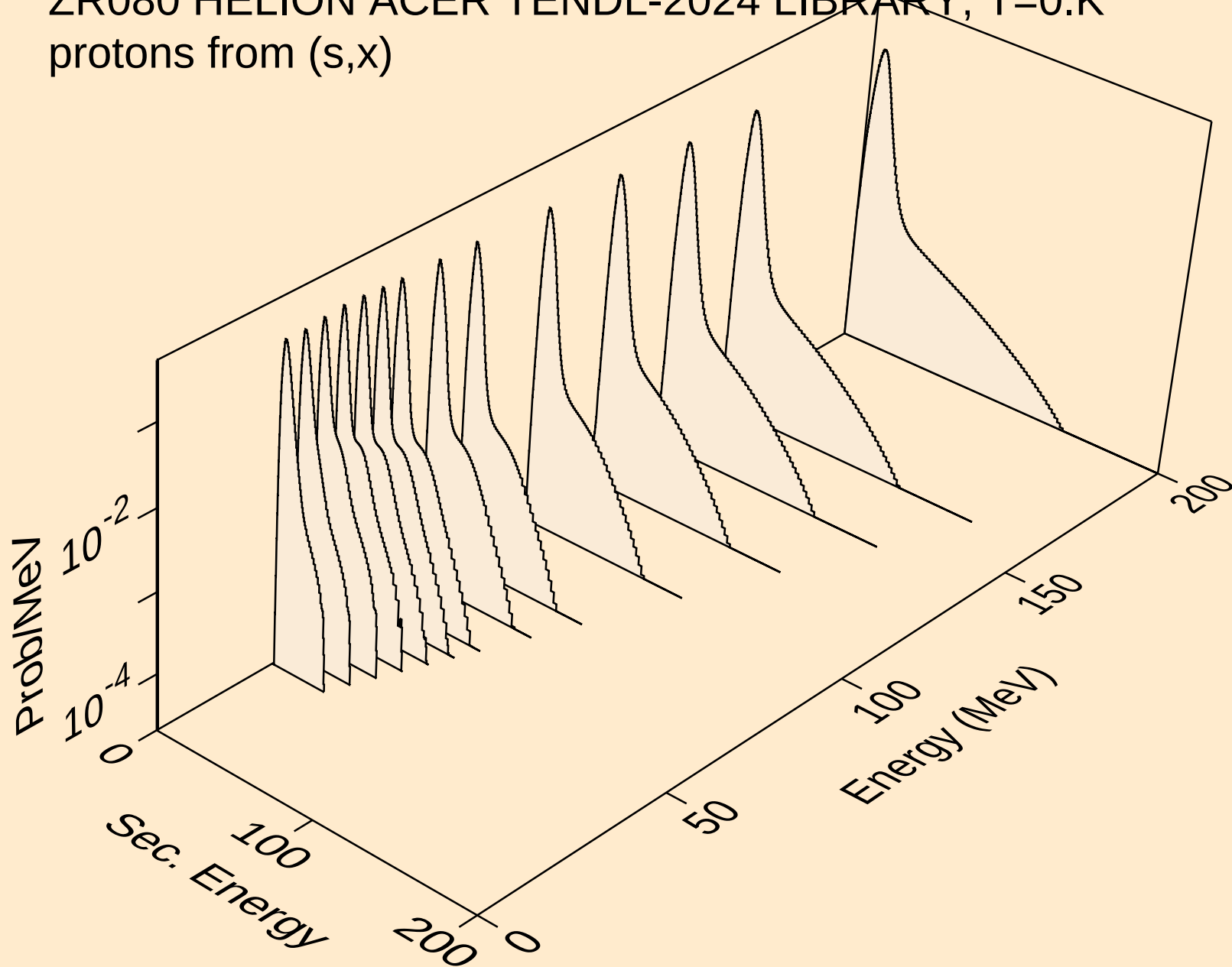
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neutrons from (s,n2p)



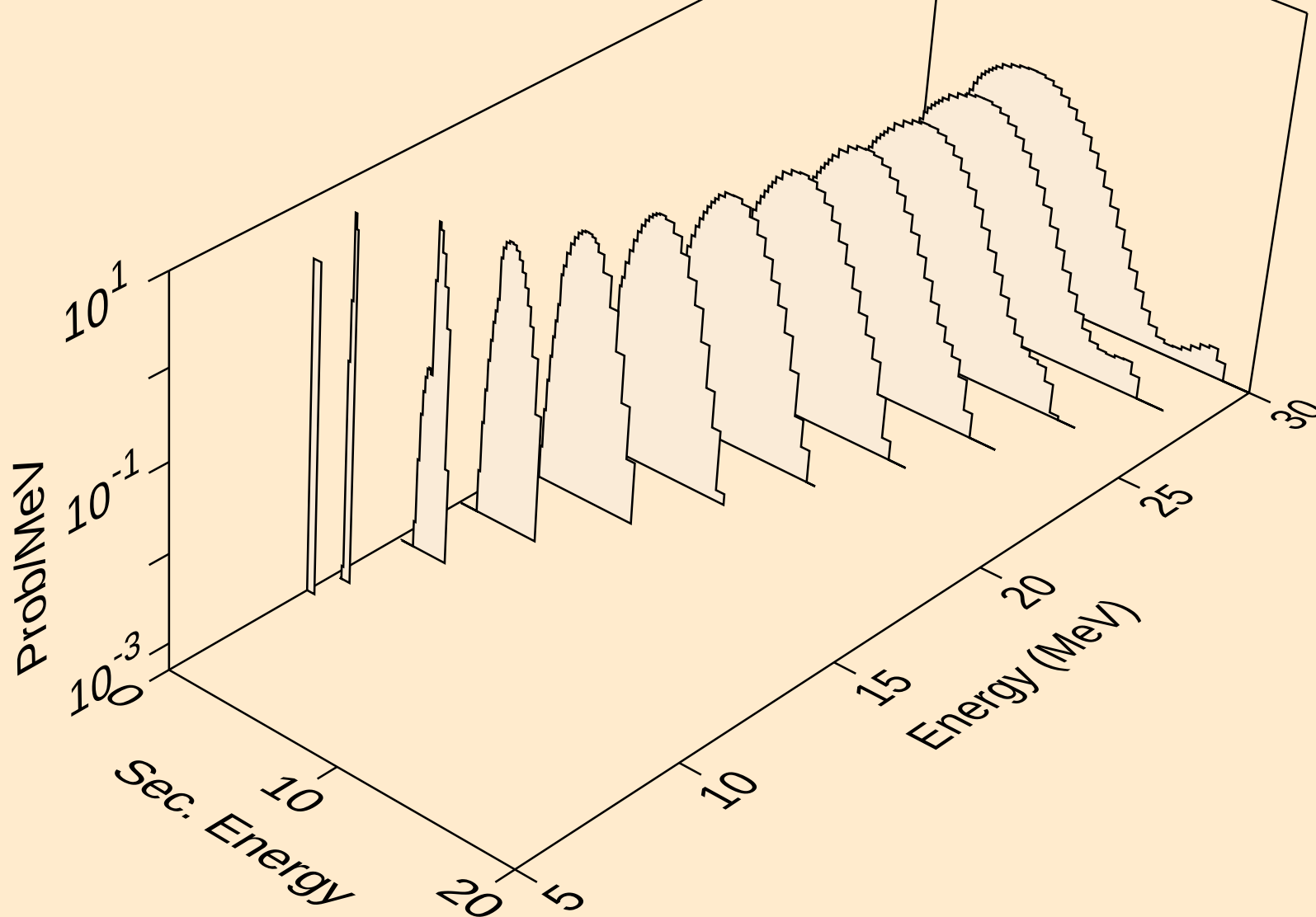
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neutrons from (s,npa)



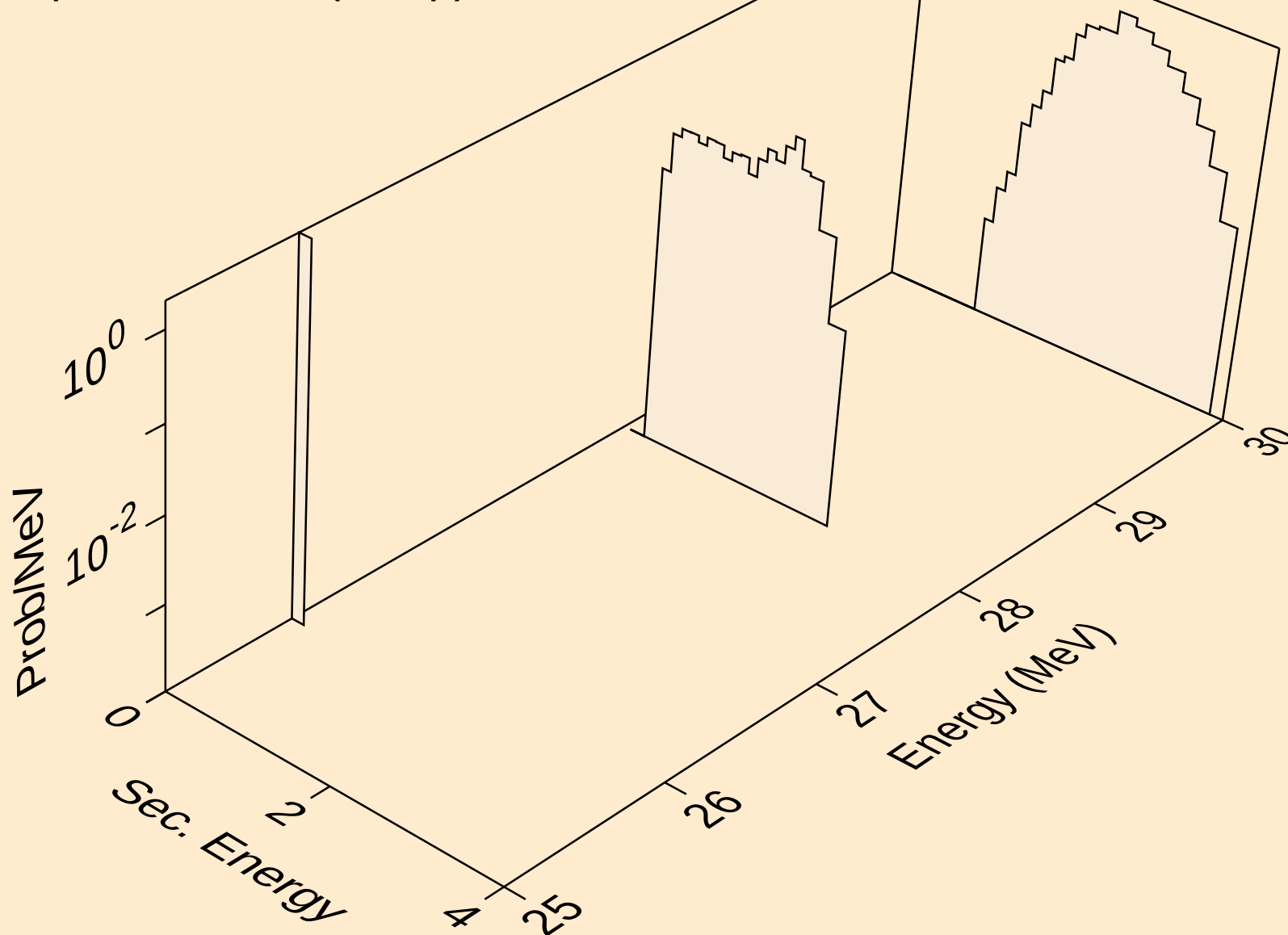
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,x)



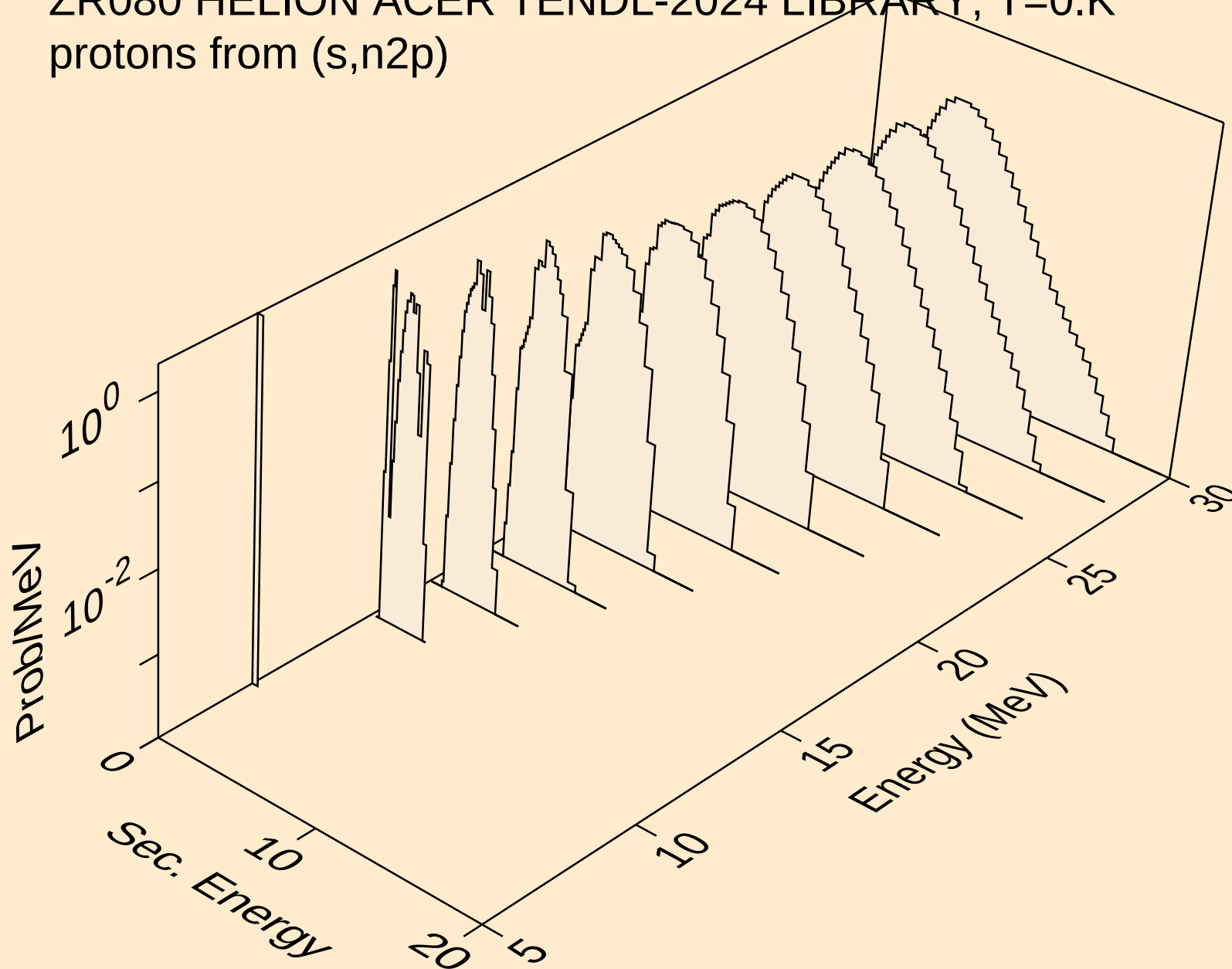
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,n*)p



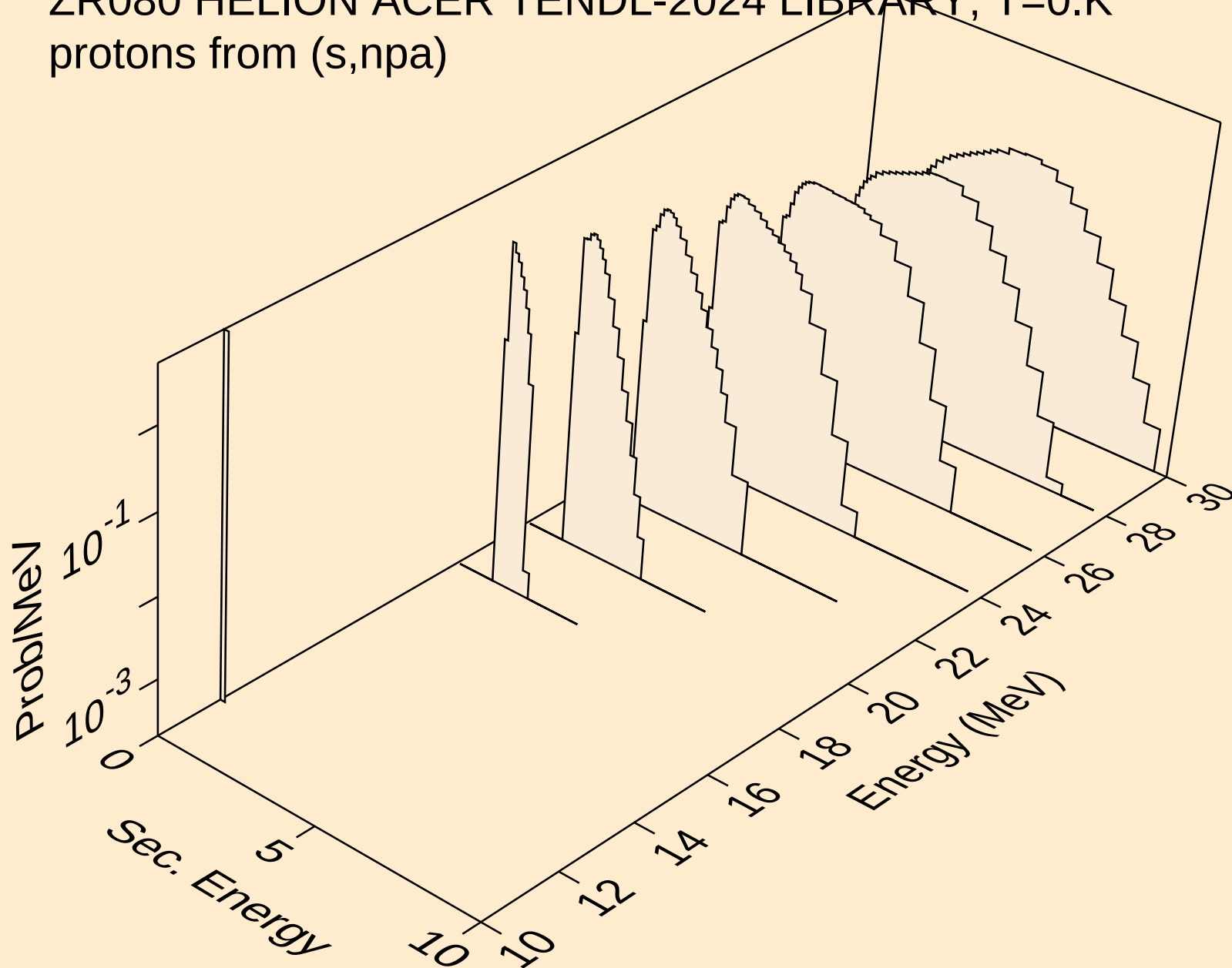
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protons from (s,2np)



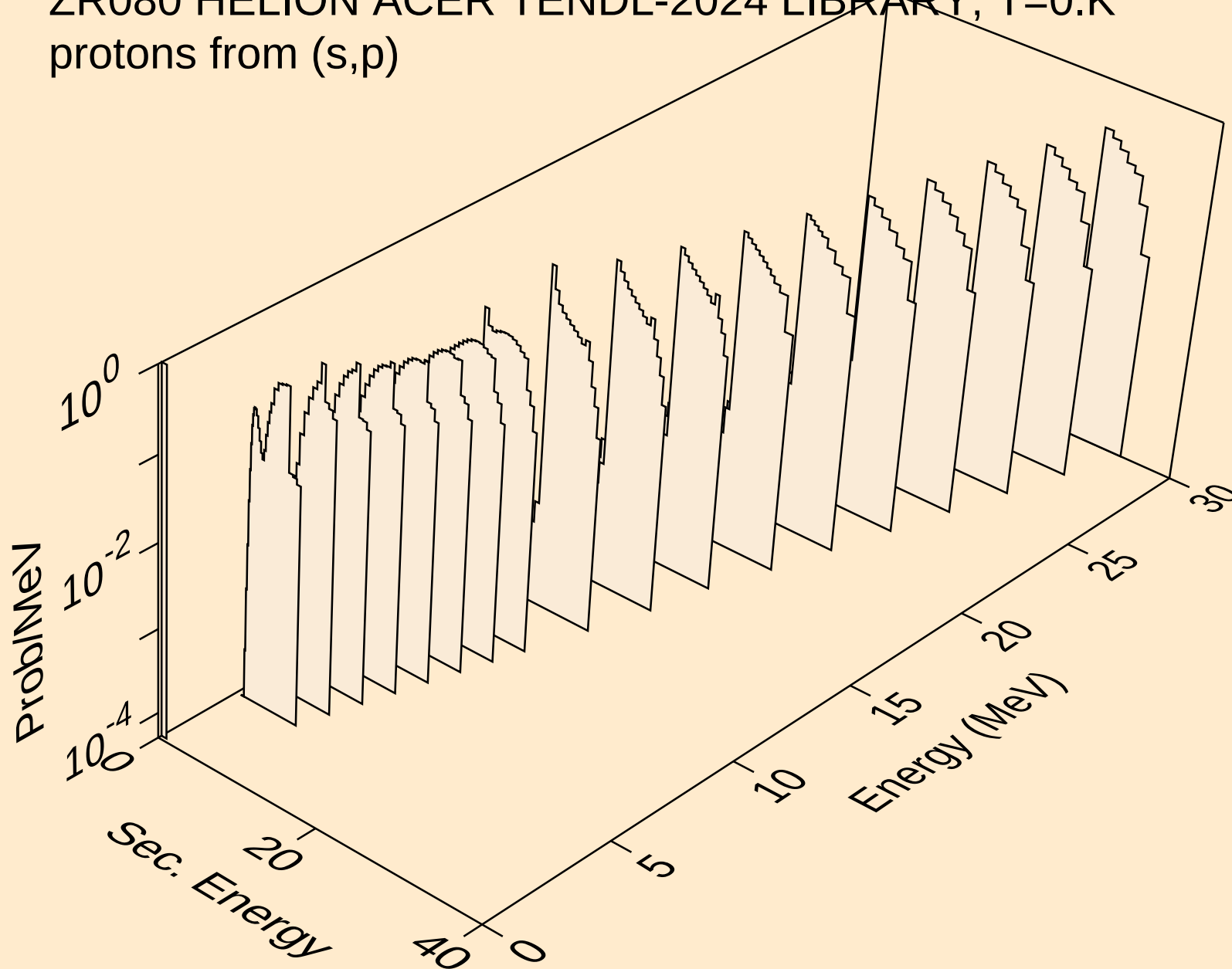
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protons from (s,n2p)



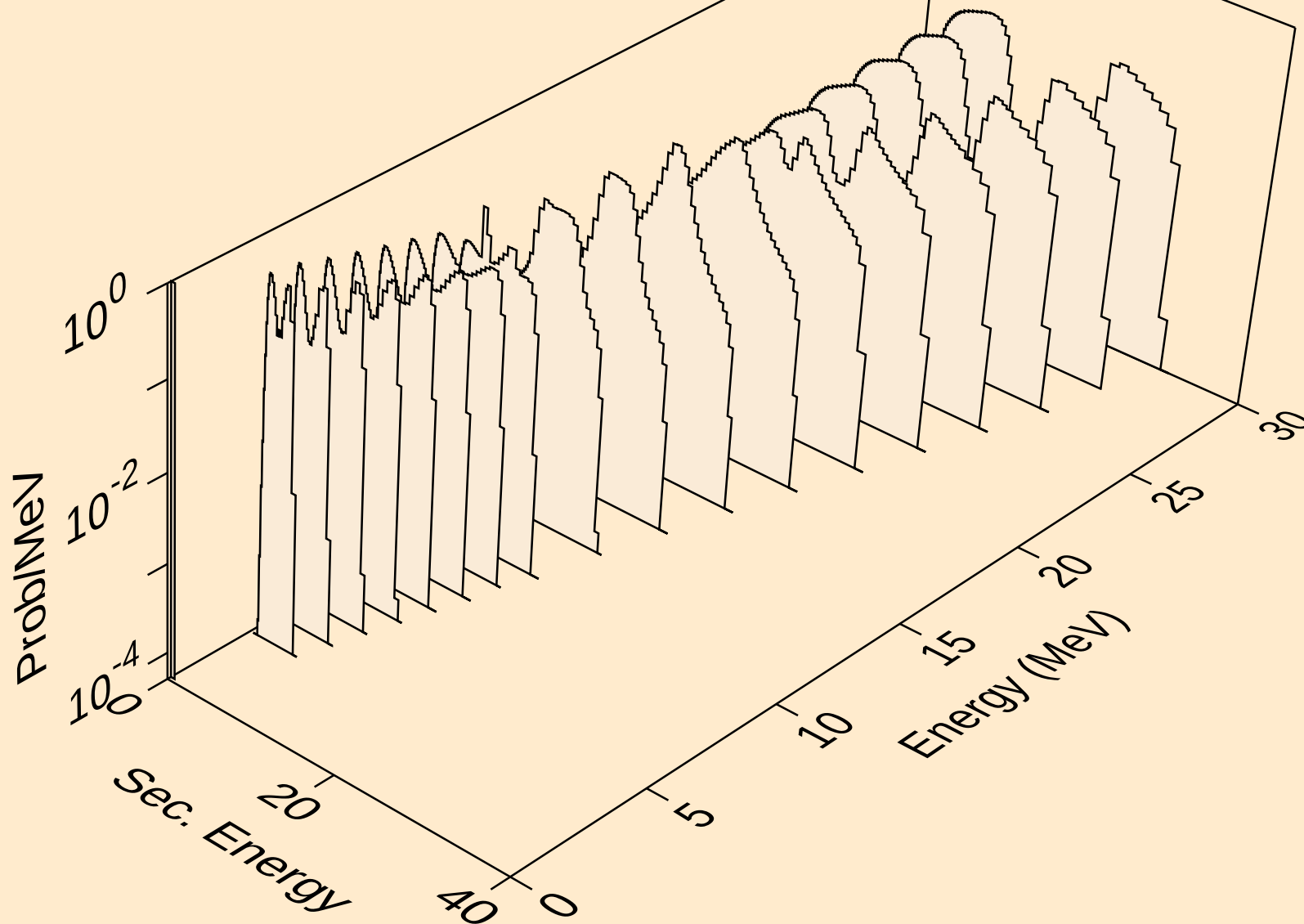
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protons from (s,npa)



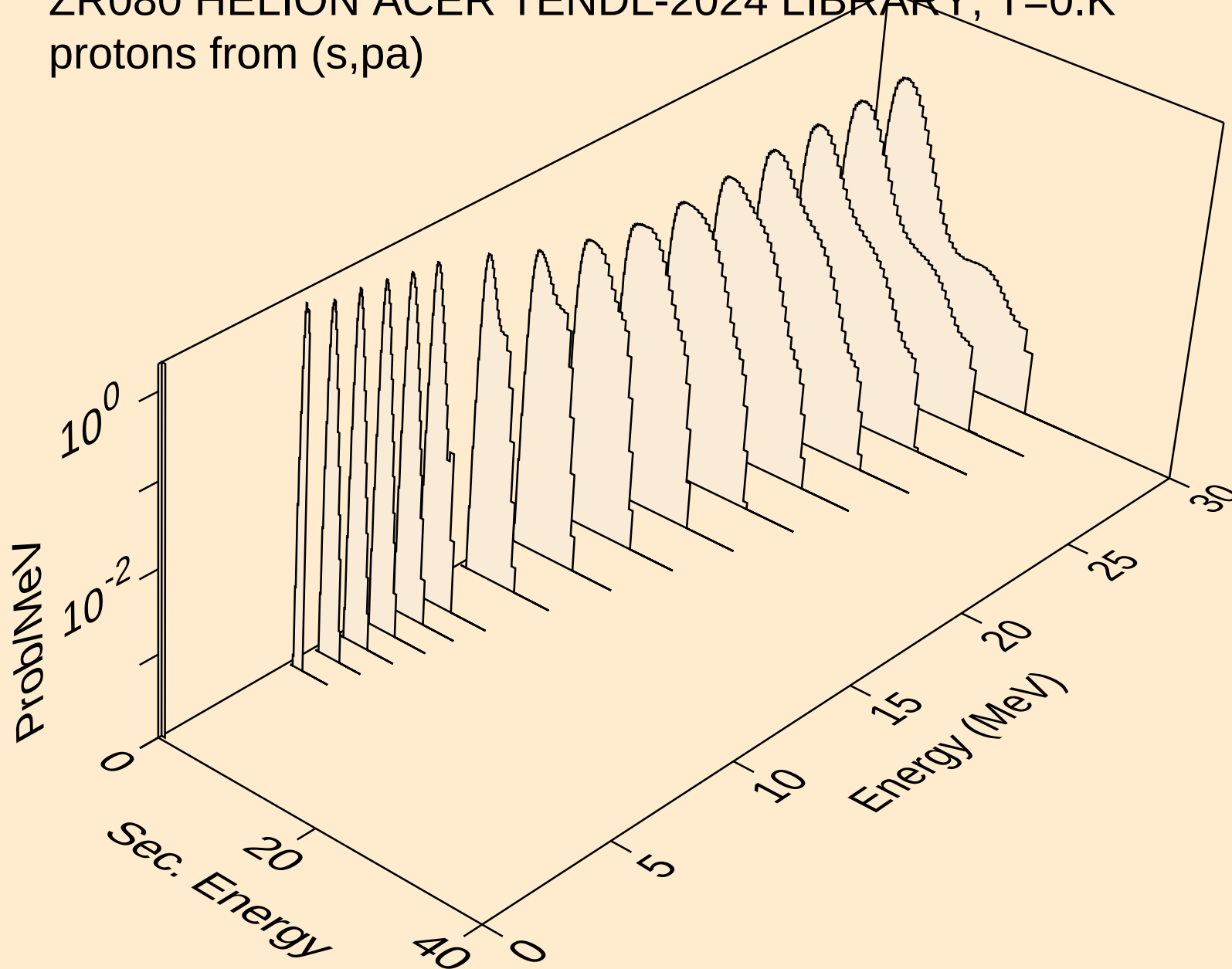
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protons from (s,p)



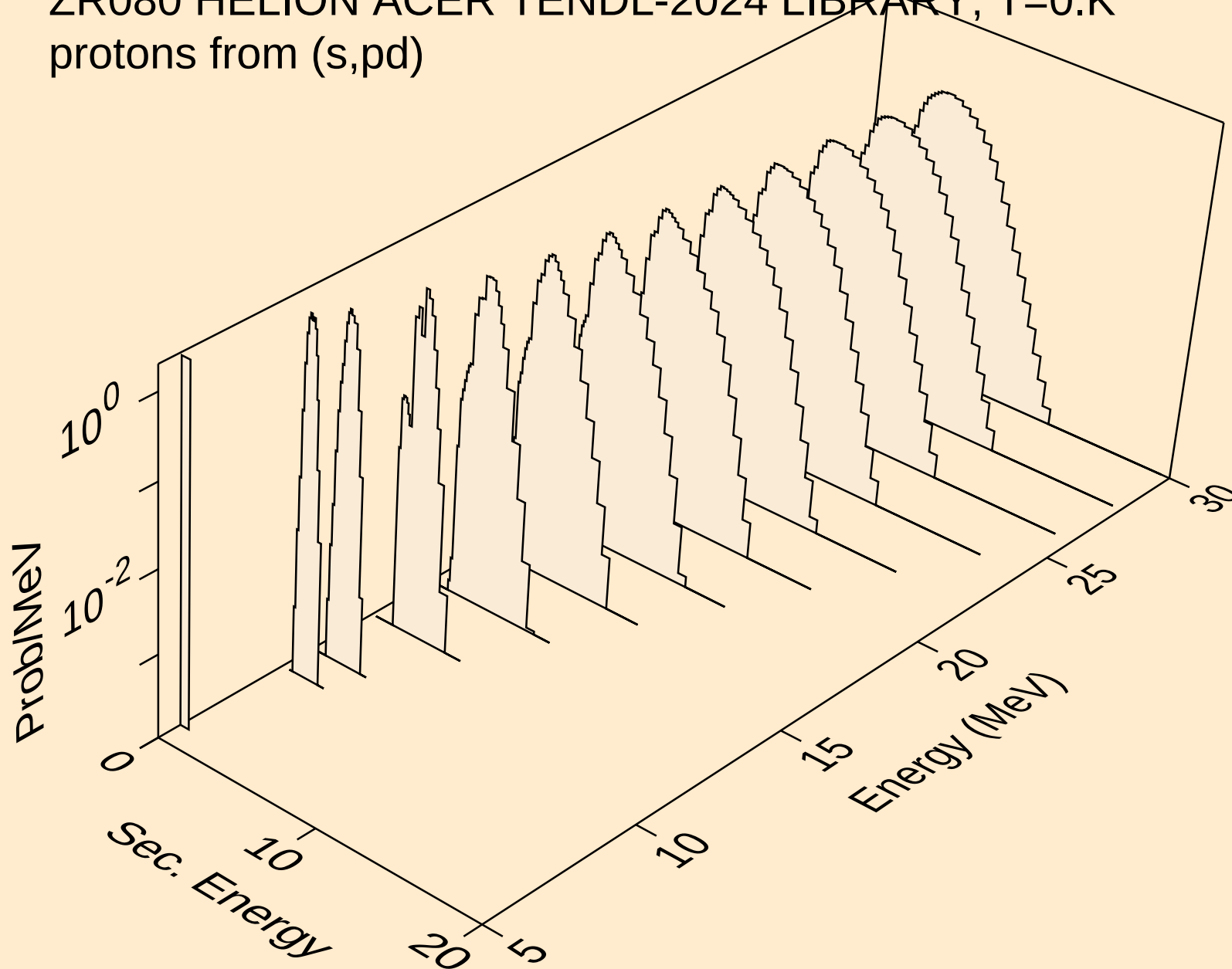
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protons from (s,2p)



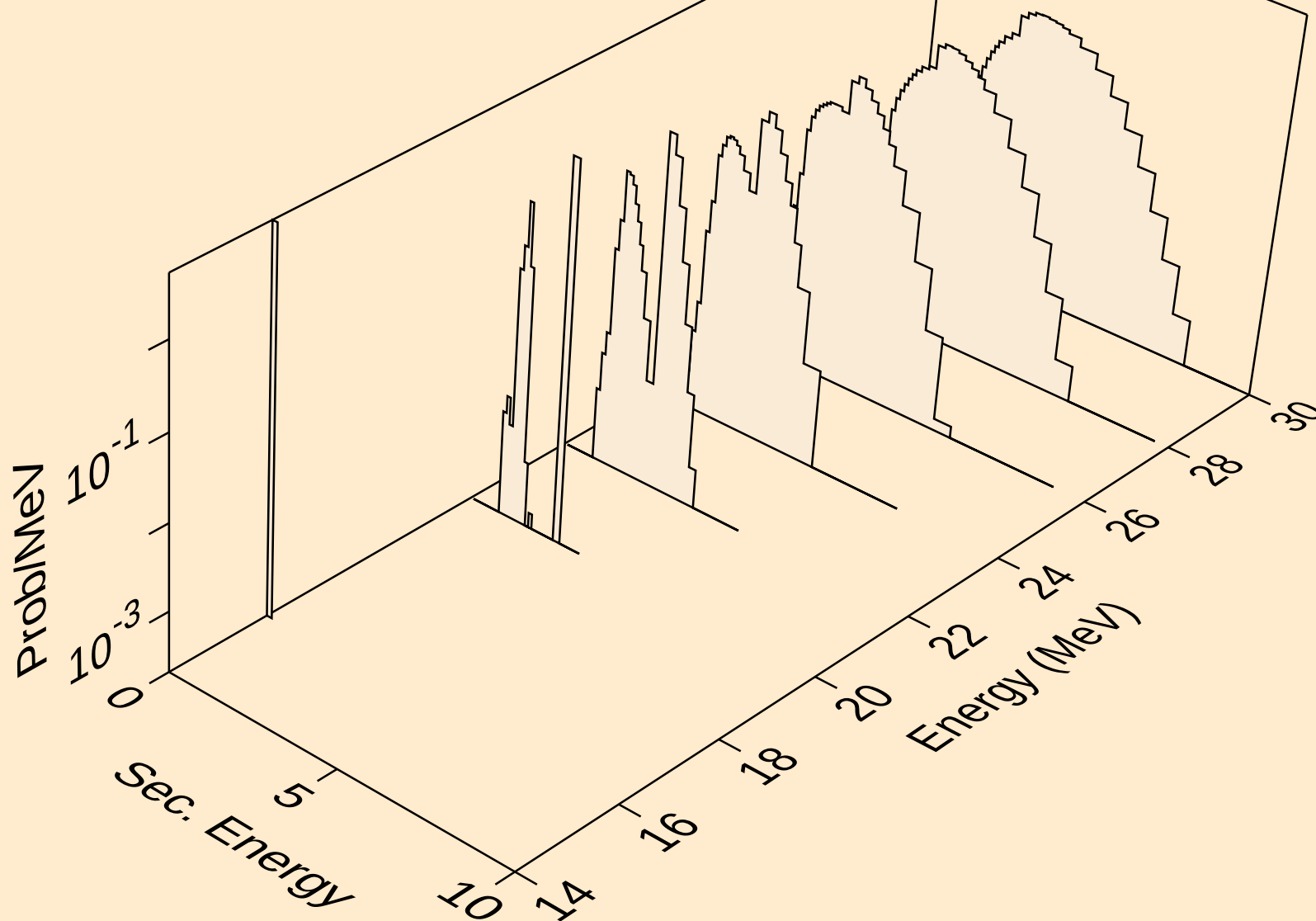
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protons from (s,pa)



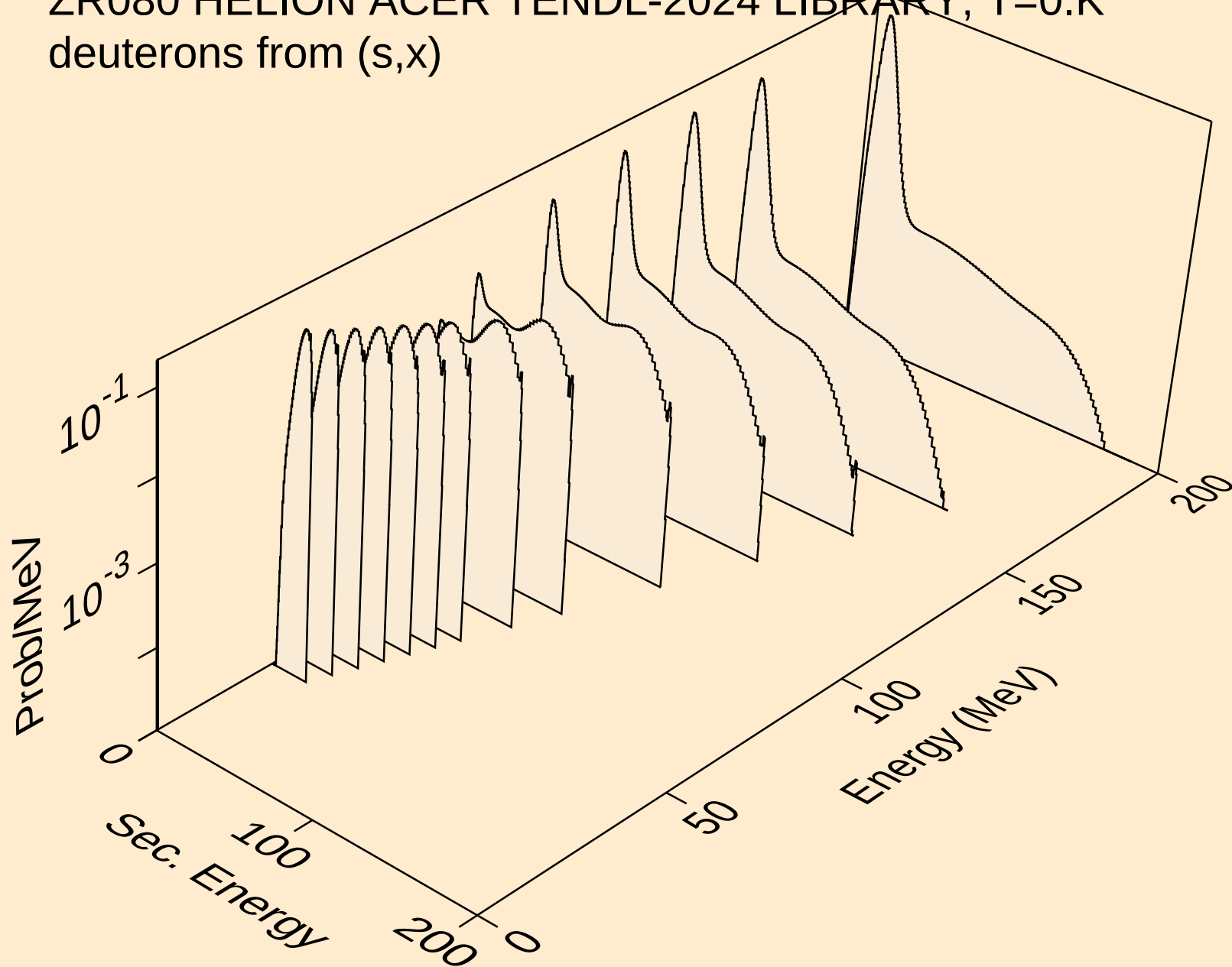
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protons from (s,pd)



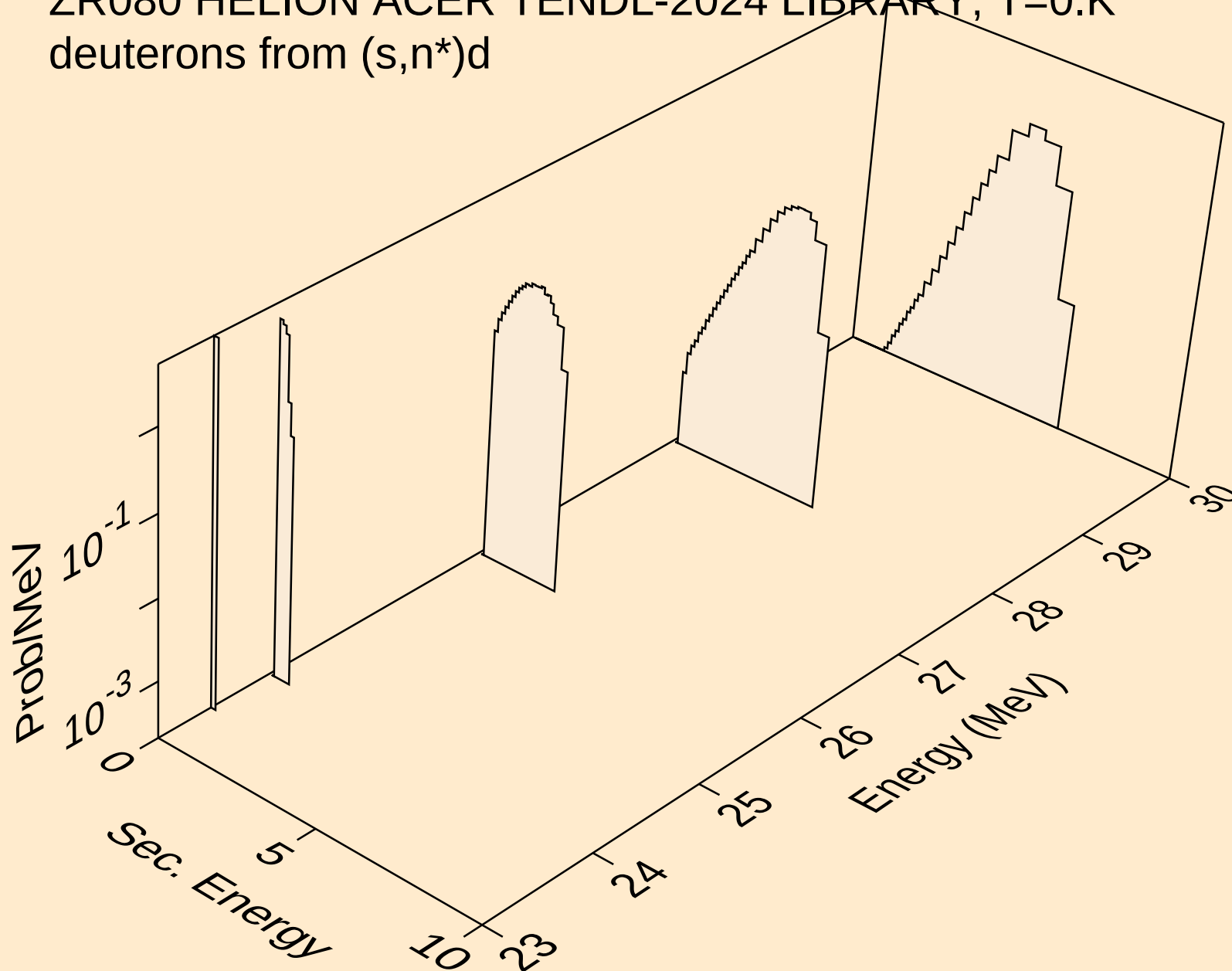
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,pt)



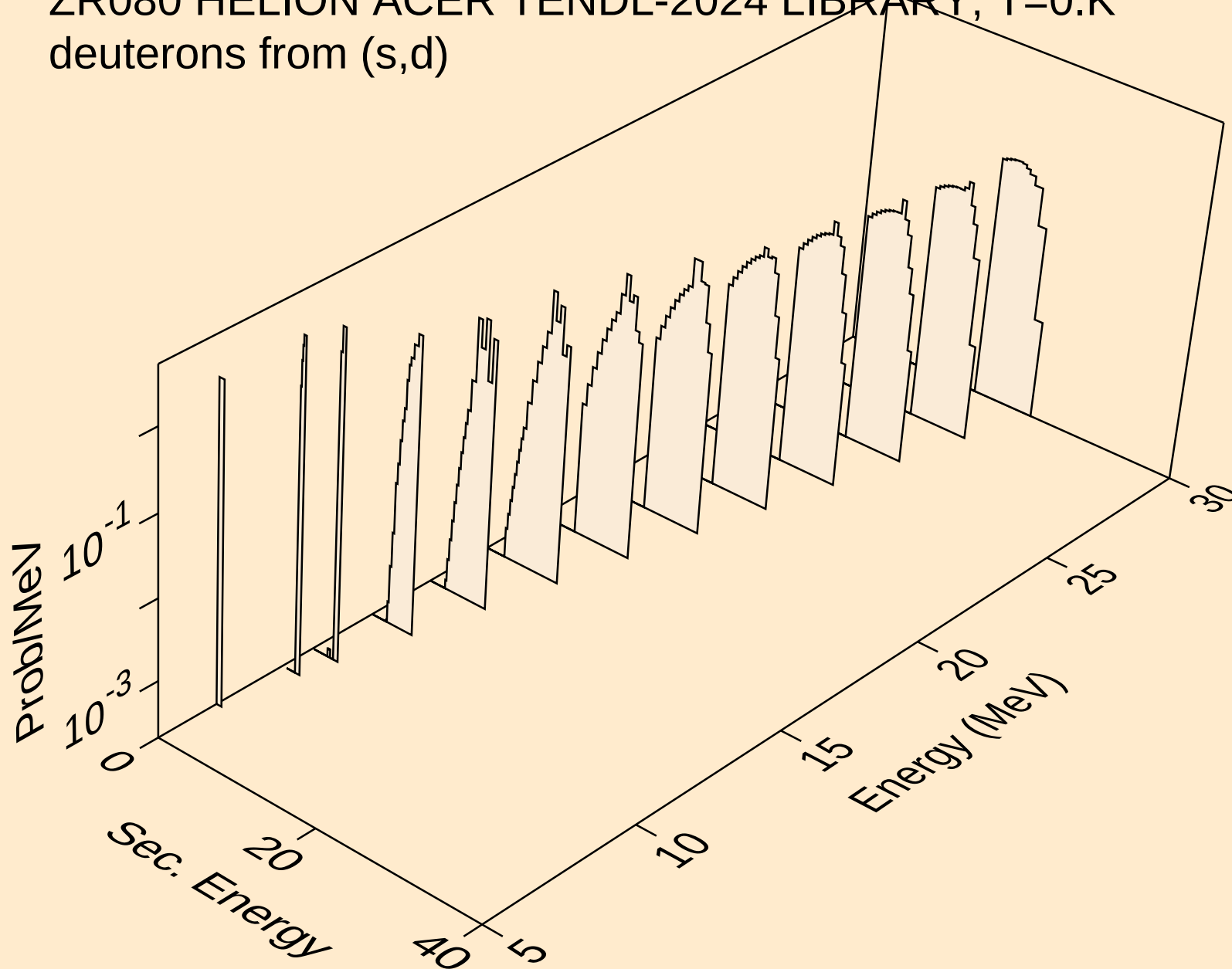
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deuterons from (s,x)



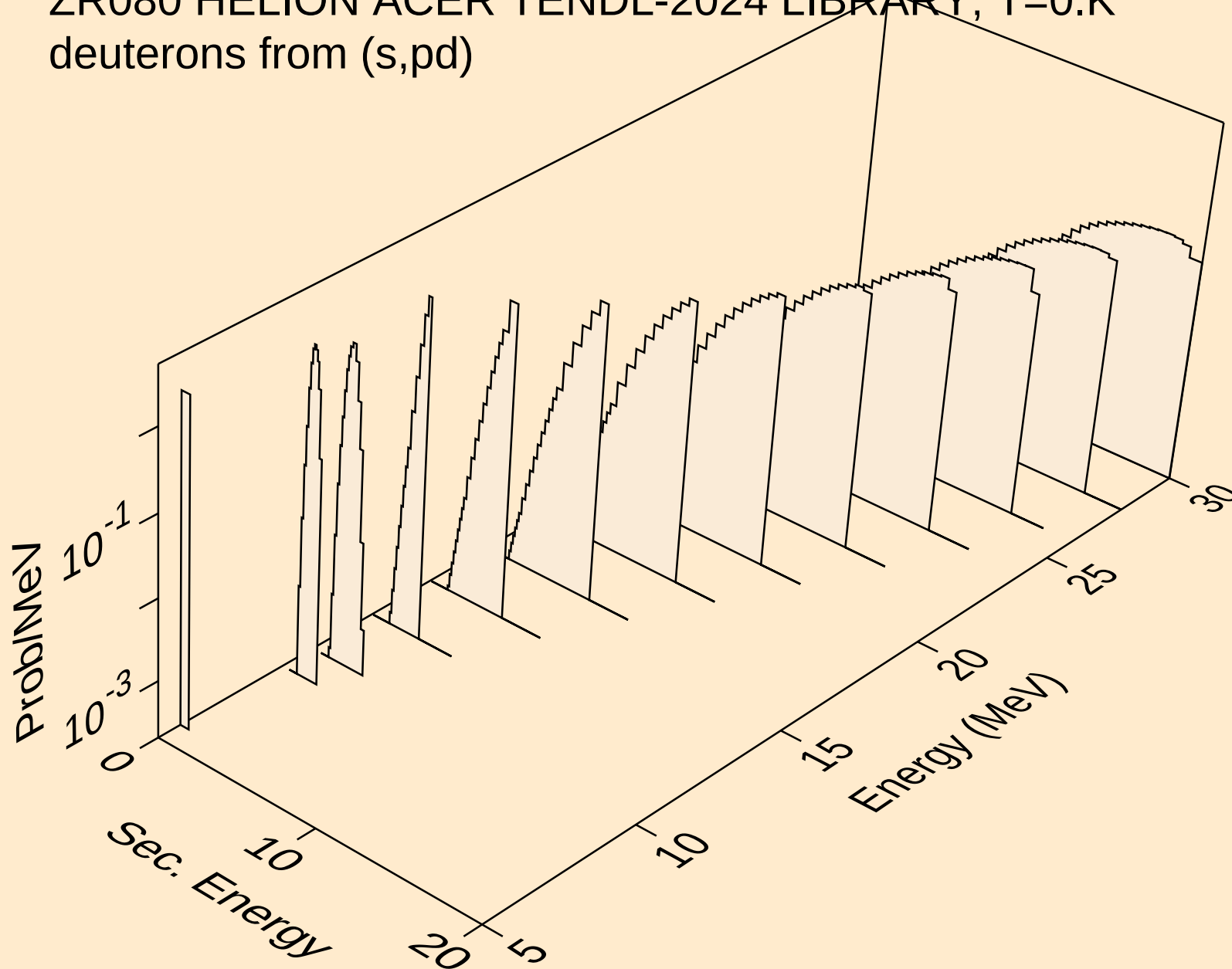
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deuterons from (s,n*)d



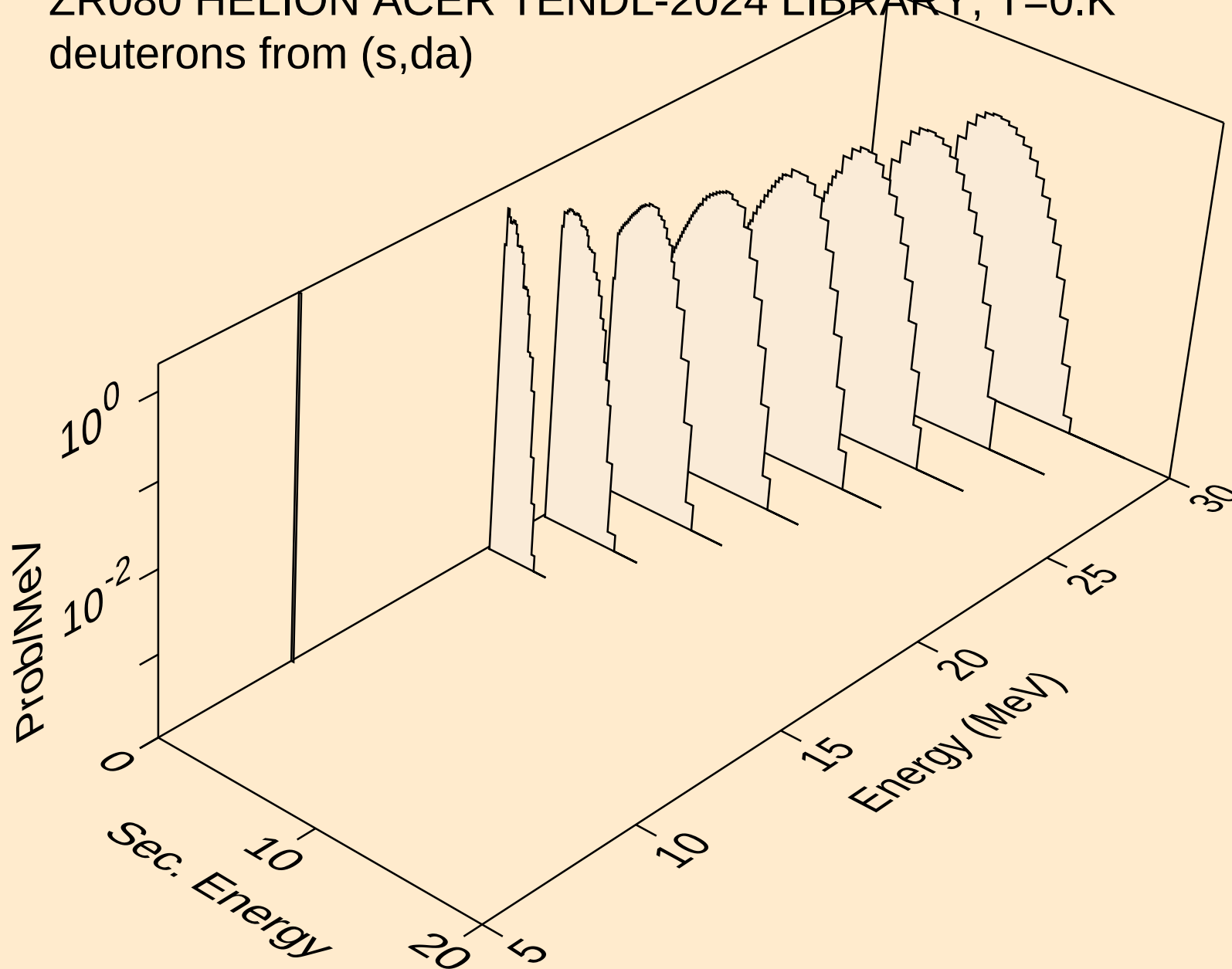
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deuterons from (s,d)



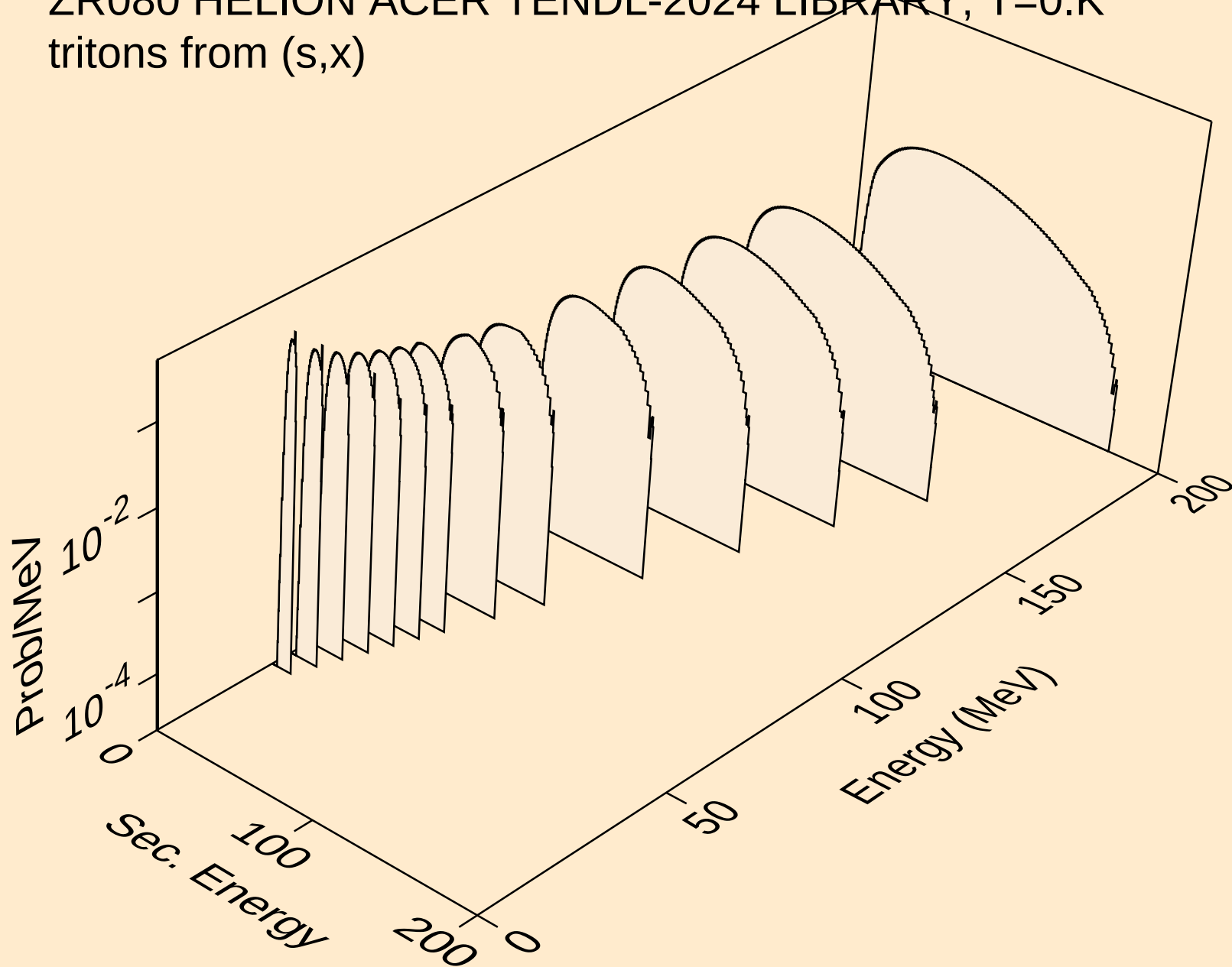
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deuterons from (s,pd)



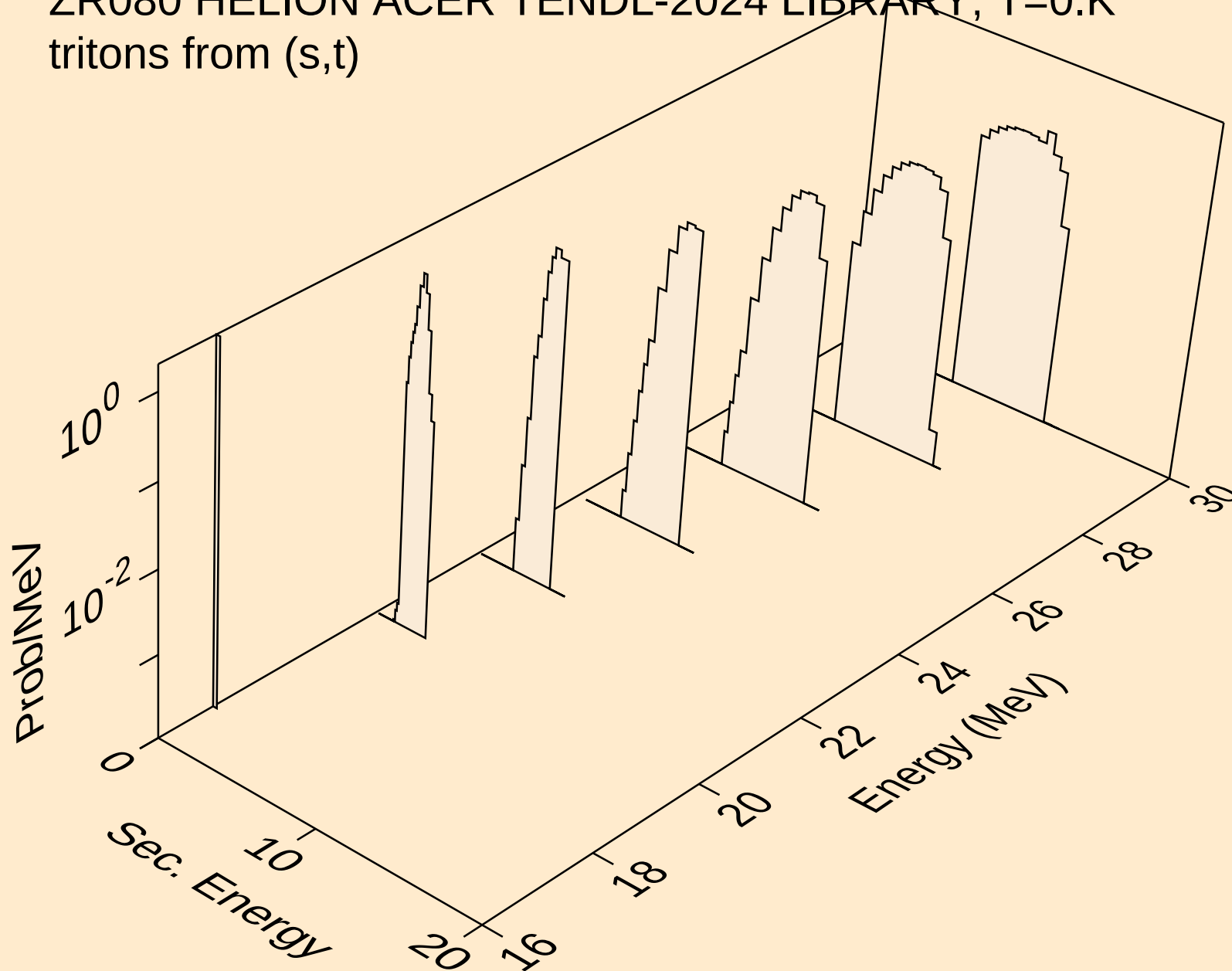
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deuterons from (s,da)



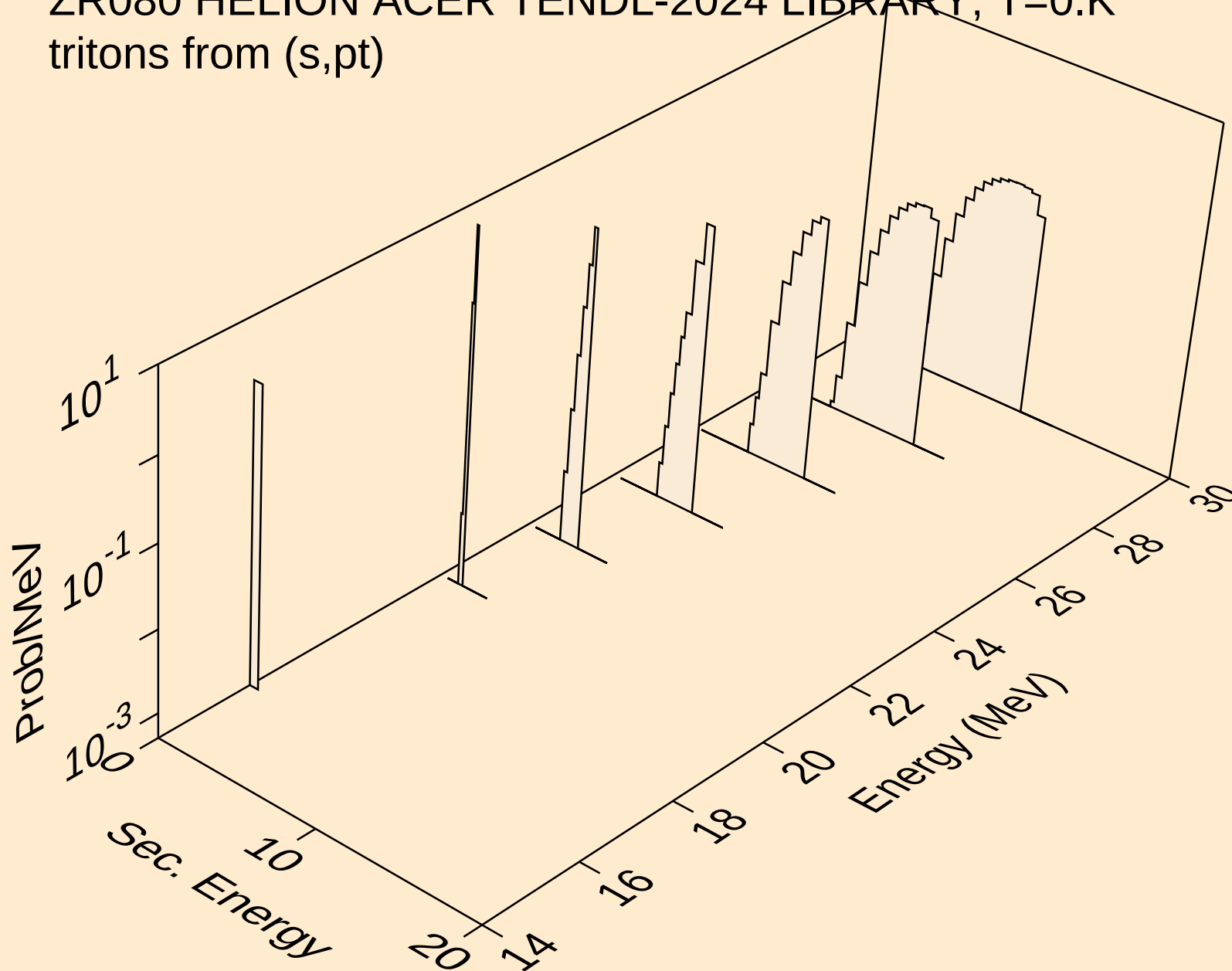
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
tritons from (s,x)



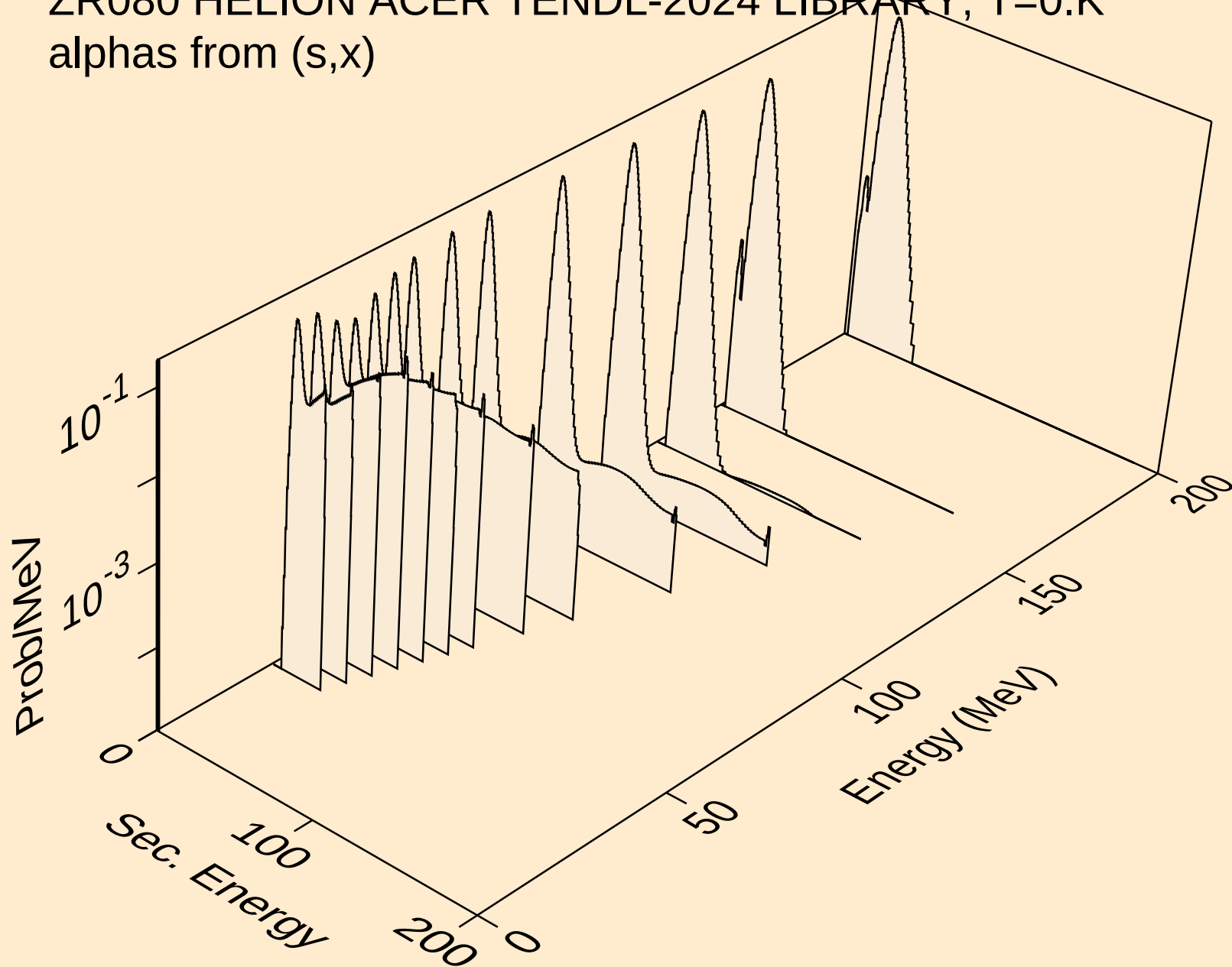
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tritons from (s,t)



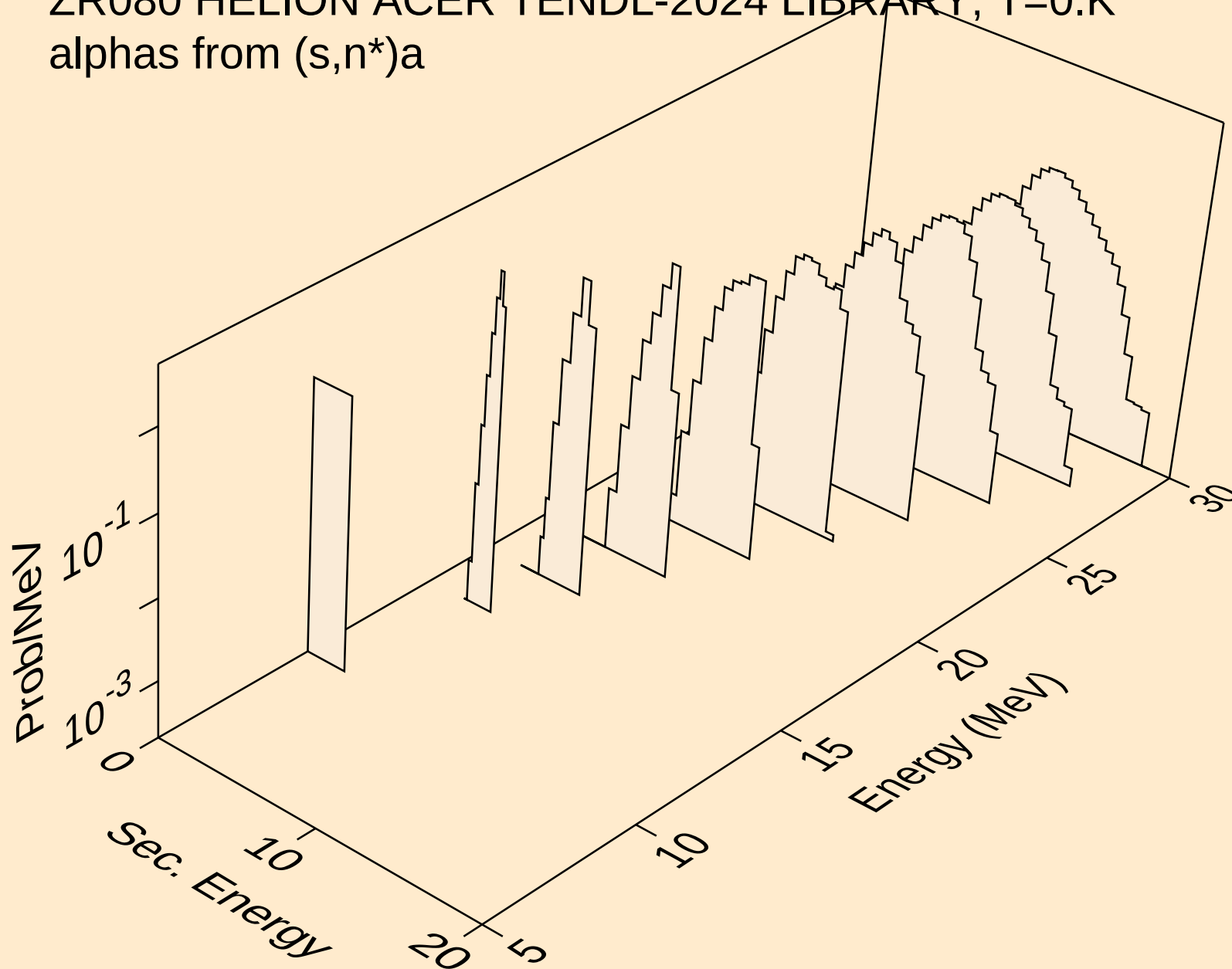
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tritons from (s,pt)



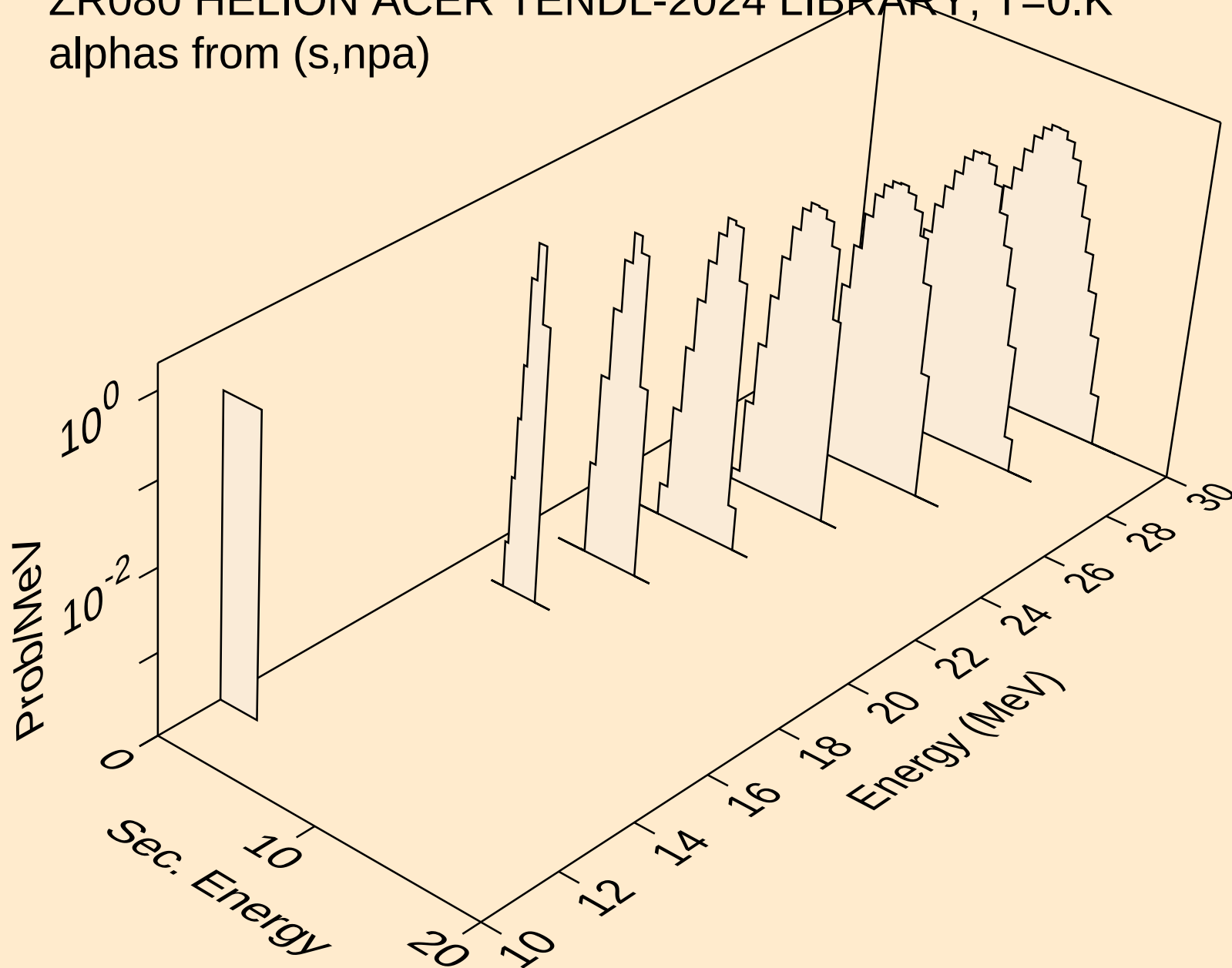
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,x)



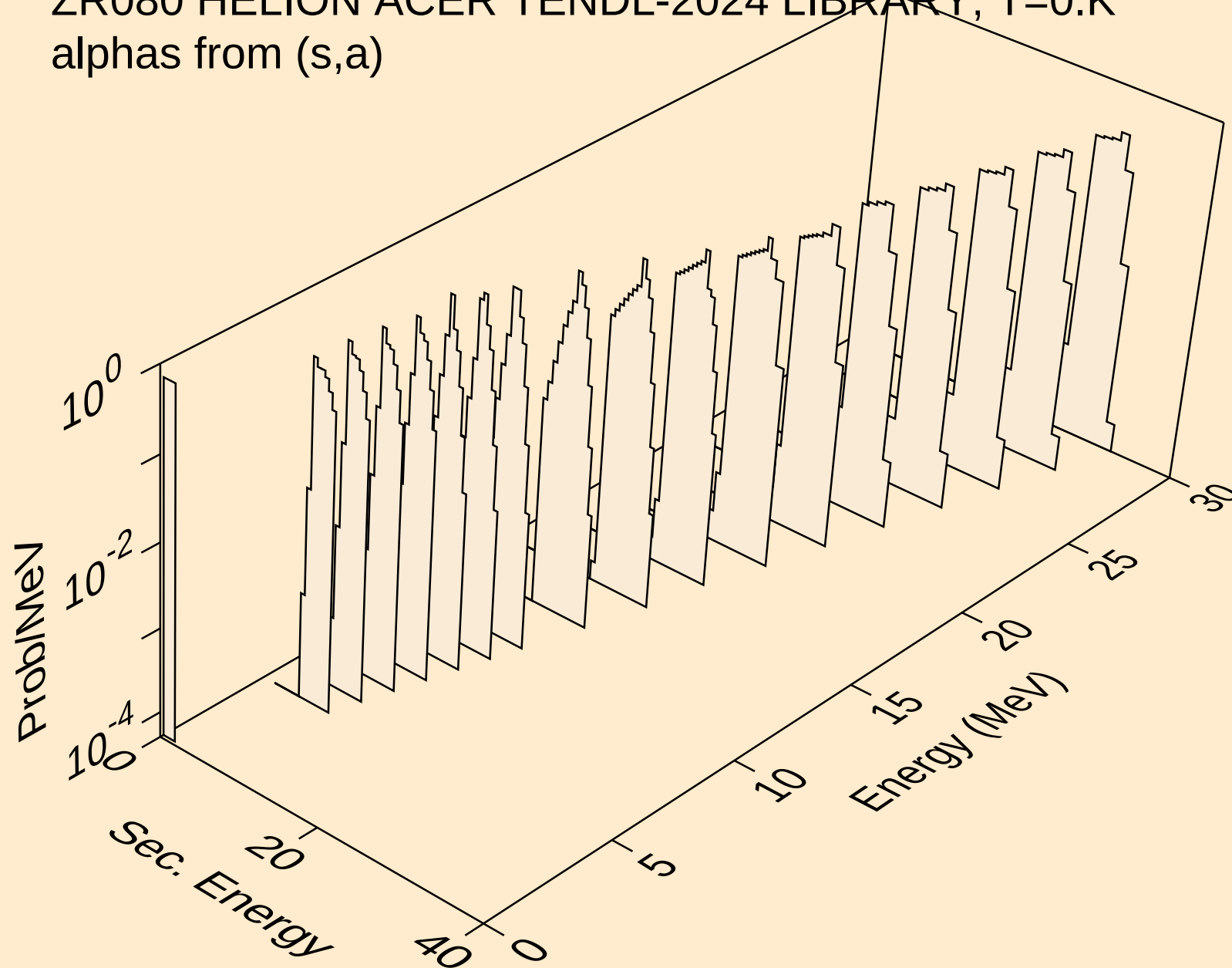
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,n*)a



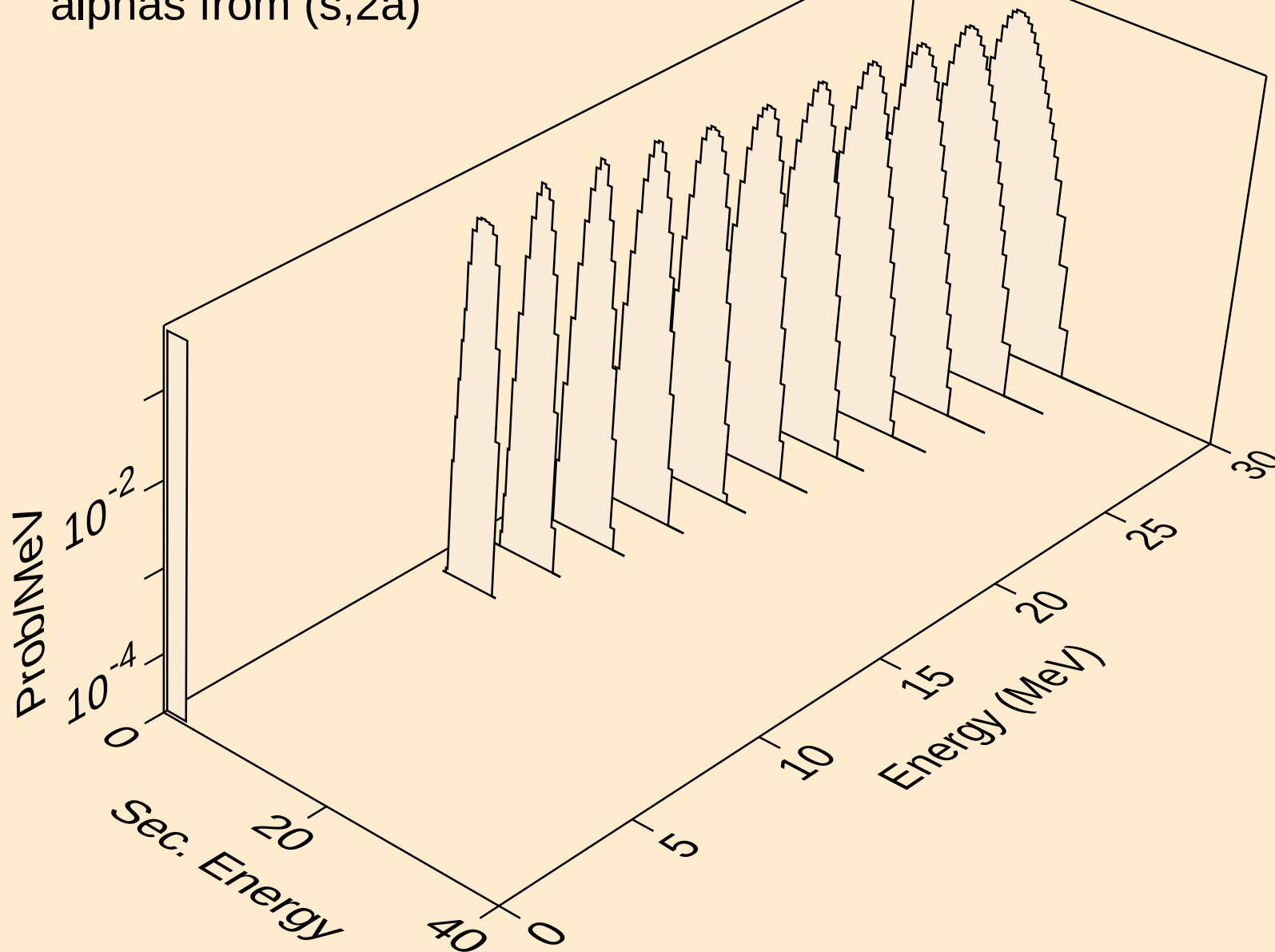
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,npa)



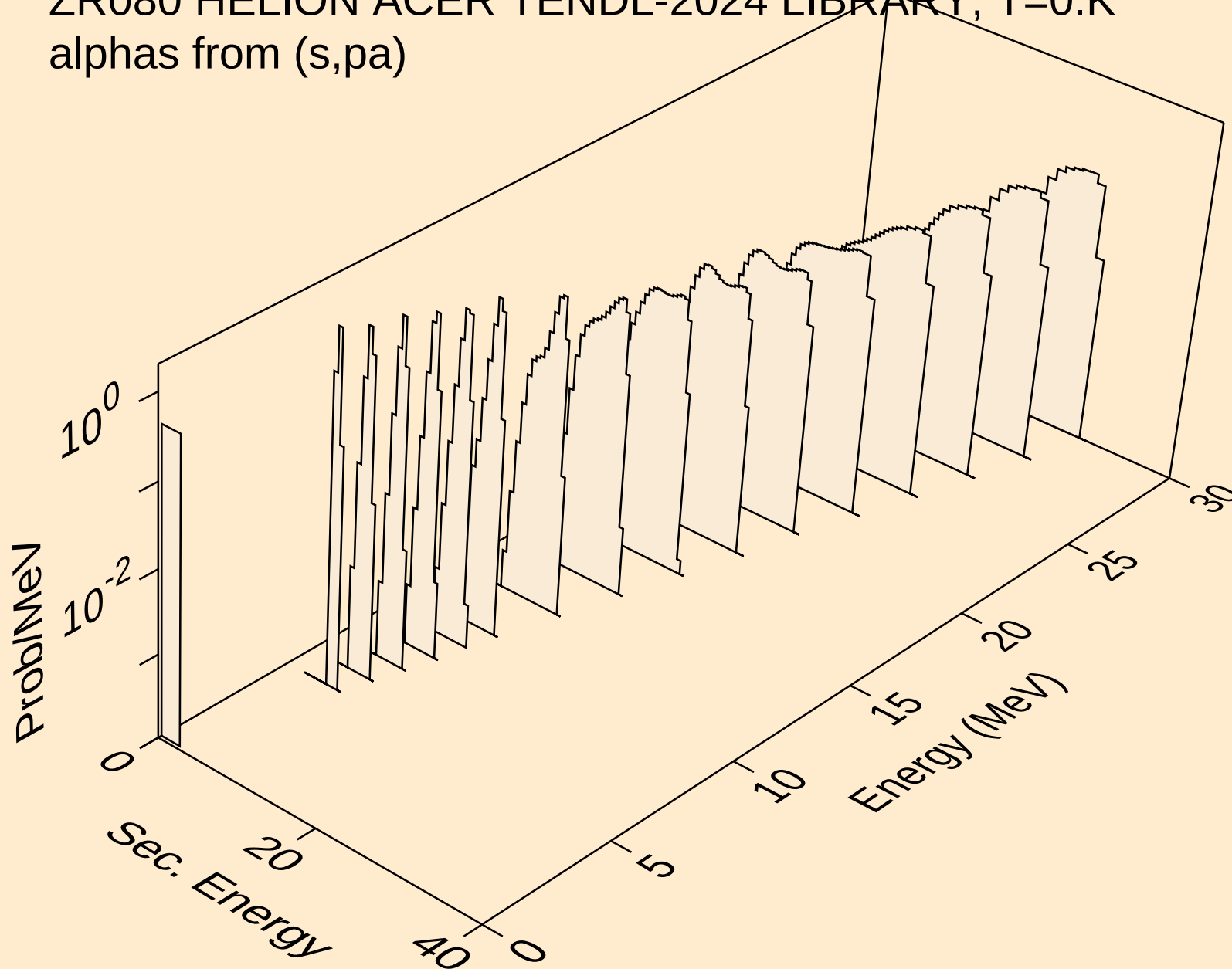
ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,a)



ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,2a)



ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,pa)



ZR080 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,da)

