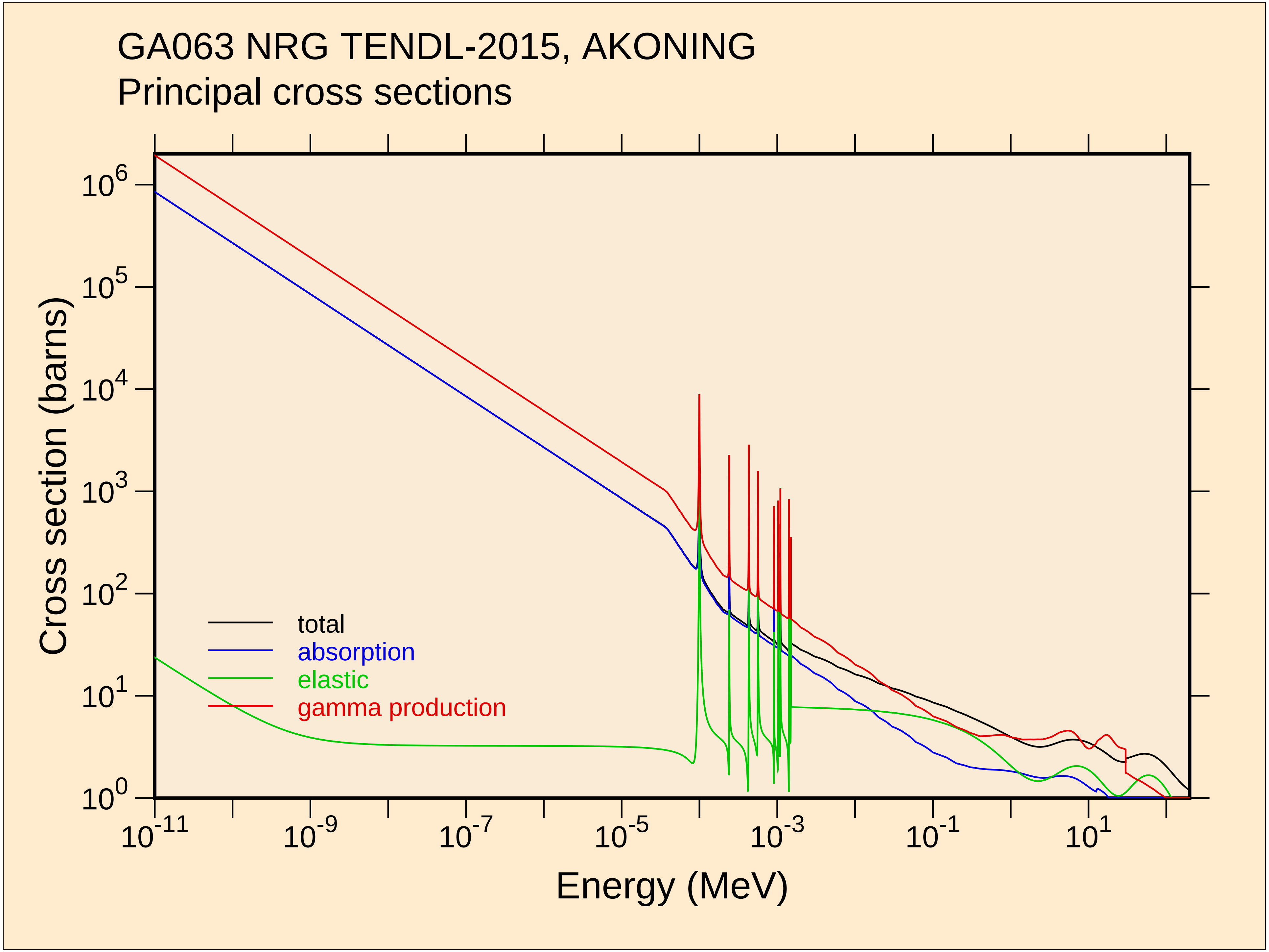
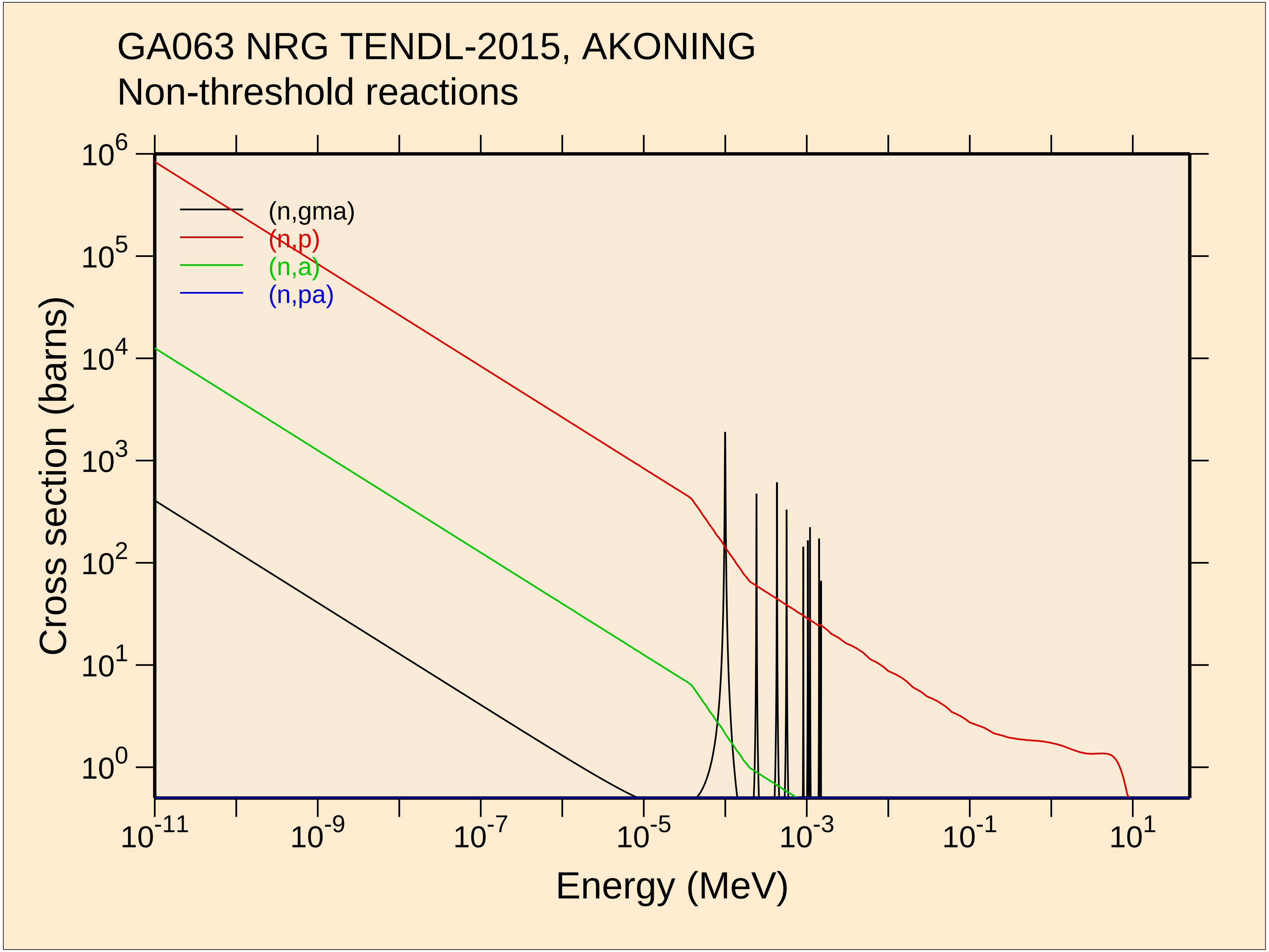
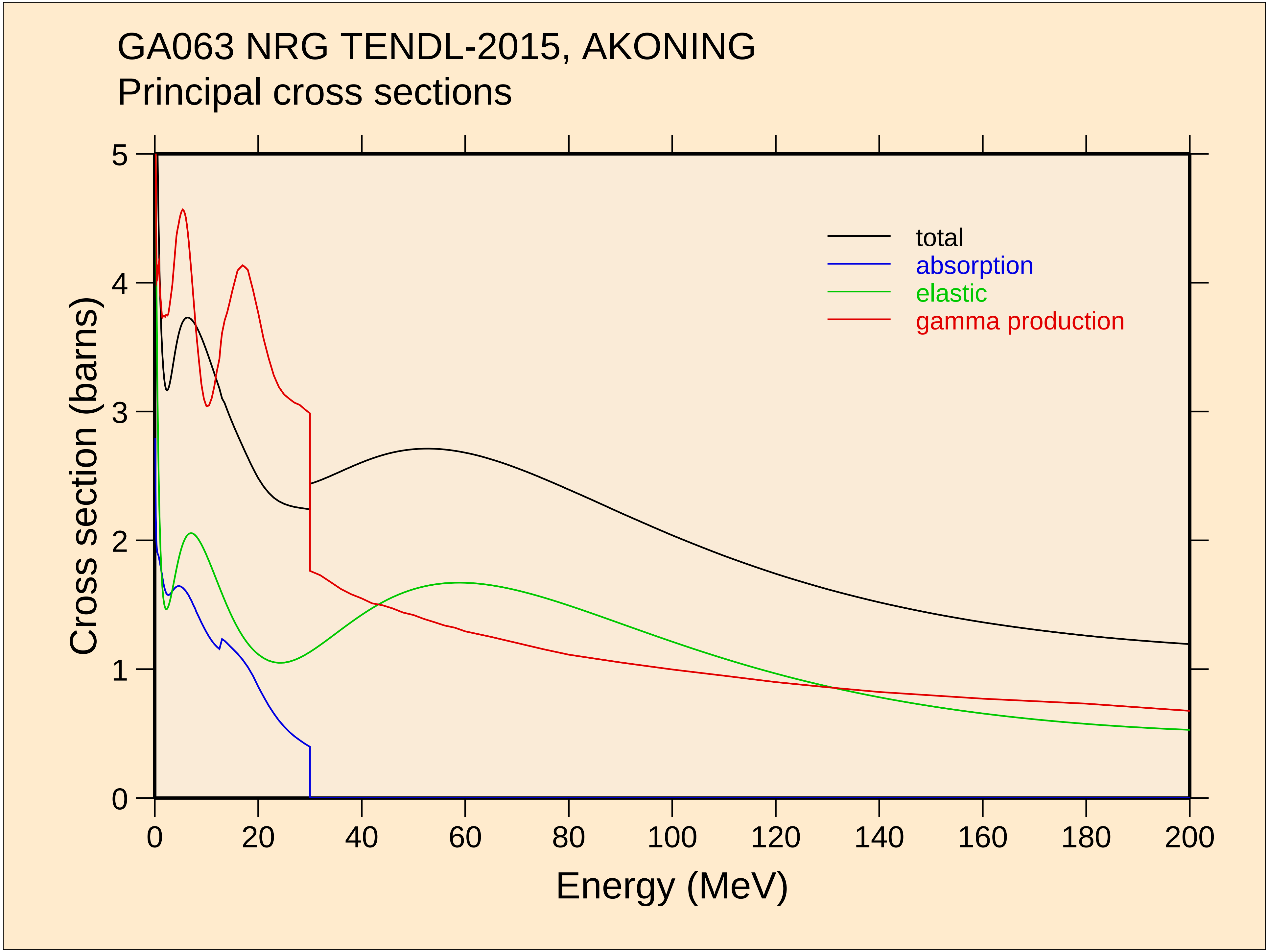
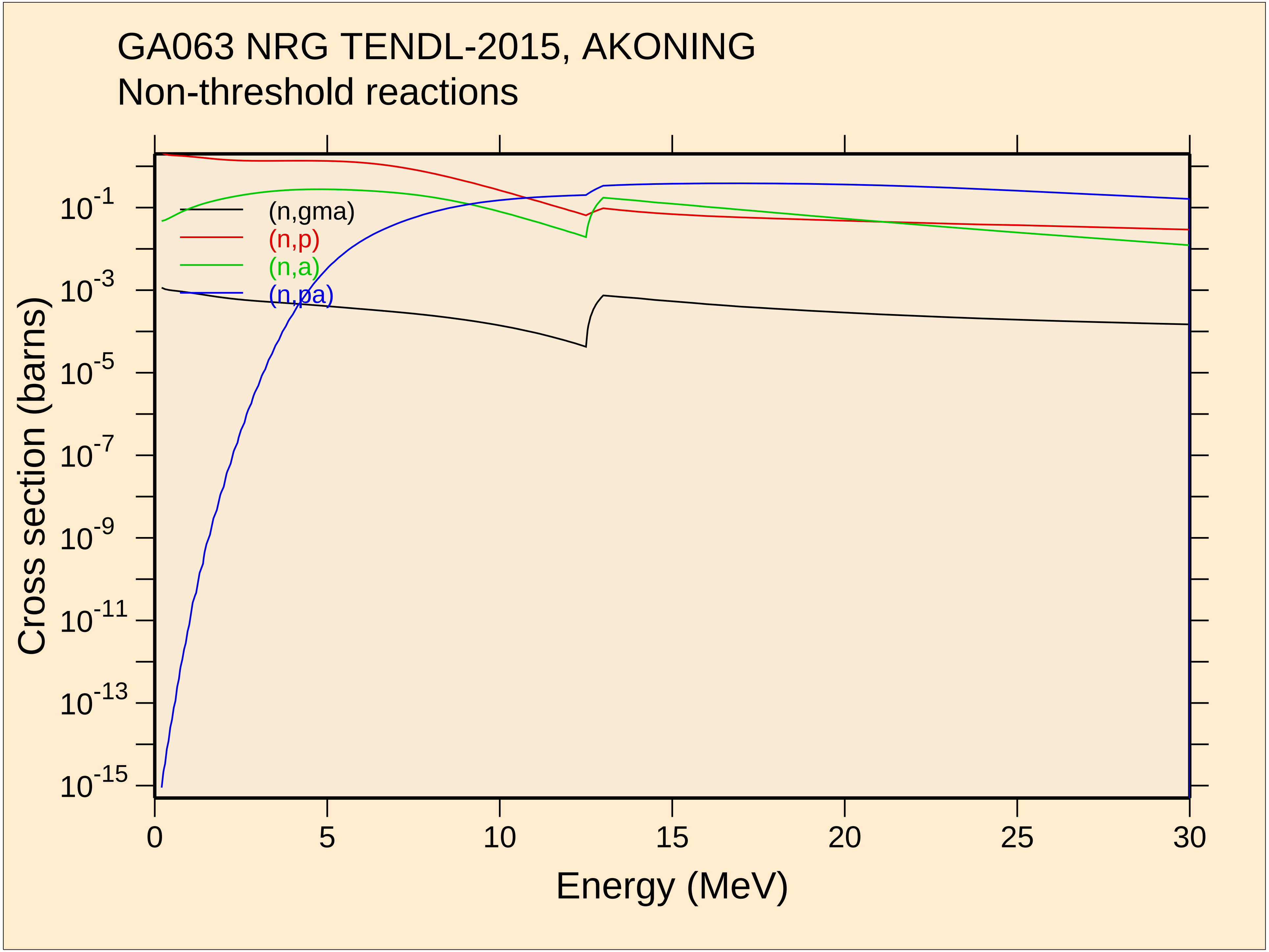
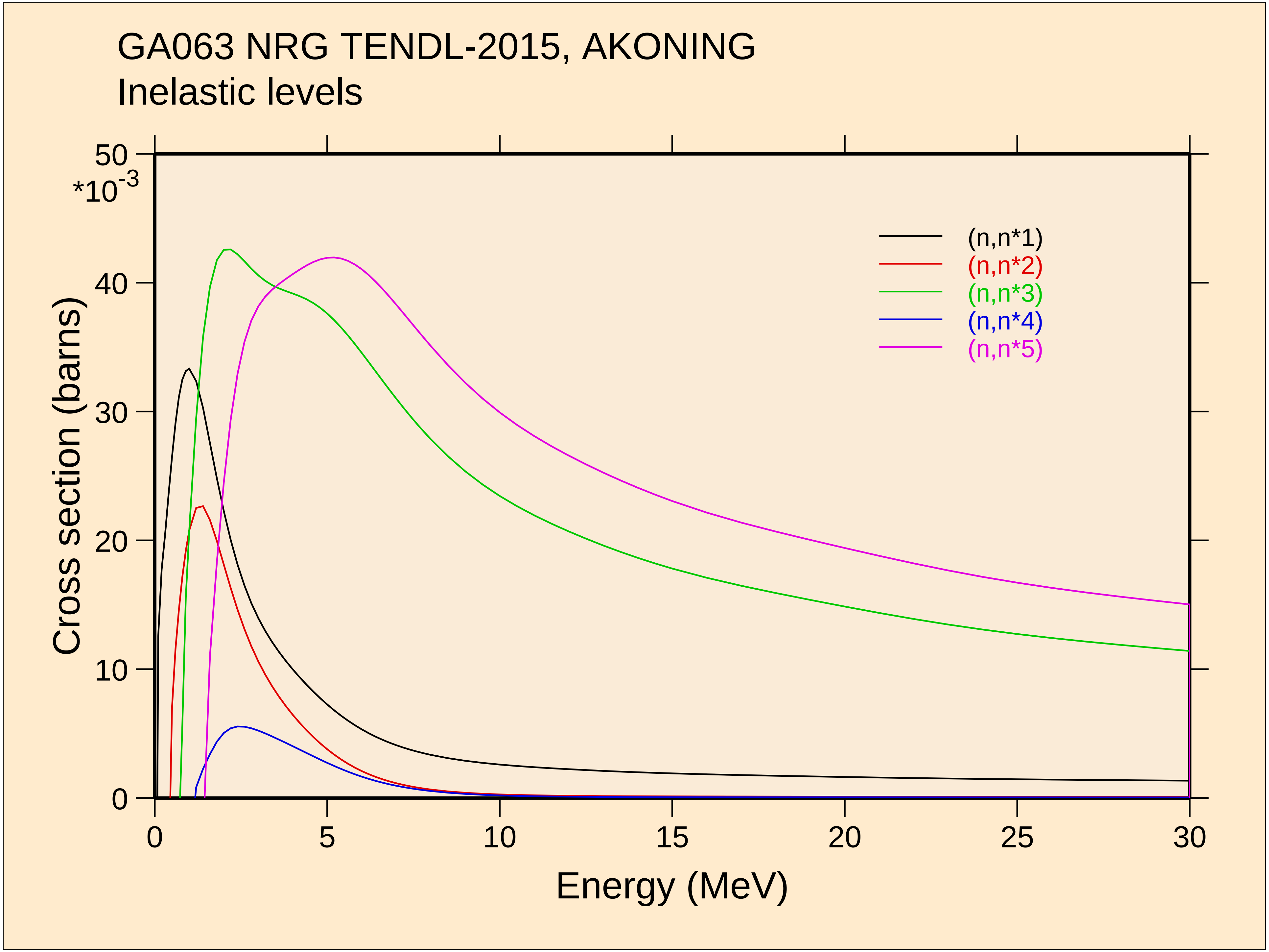

GA063 NRG TENDL-2015, AKONING
Principal cross sections
Cross section (barns)
Energy (MeV)
total
absorption
elastic
gamma production
10^{6}
10^{5}
10^{4}
10^{3}
10^{2}
10^{1}
10^{0}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
10^{1}

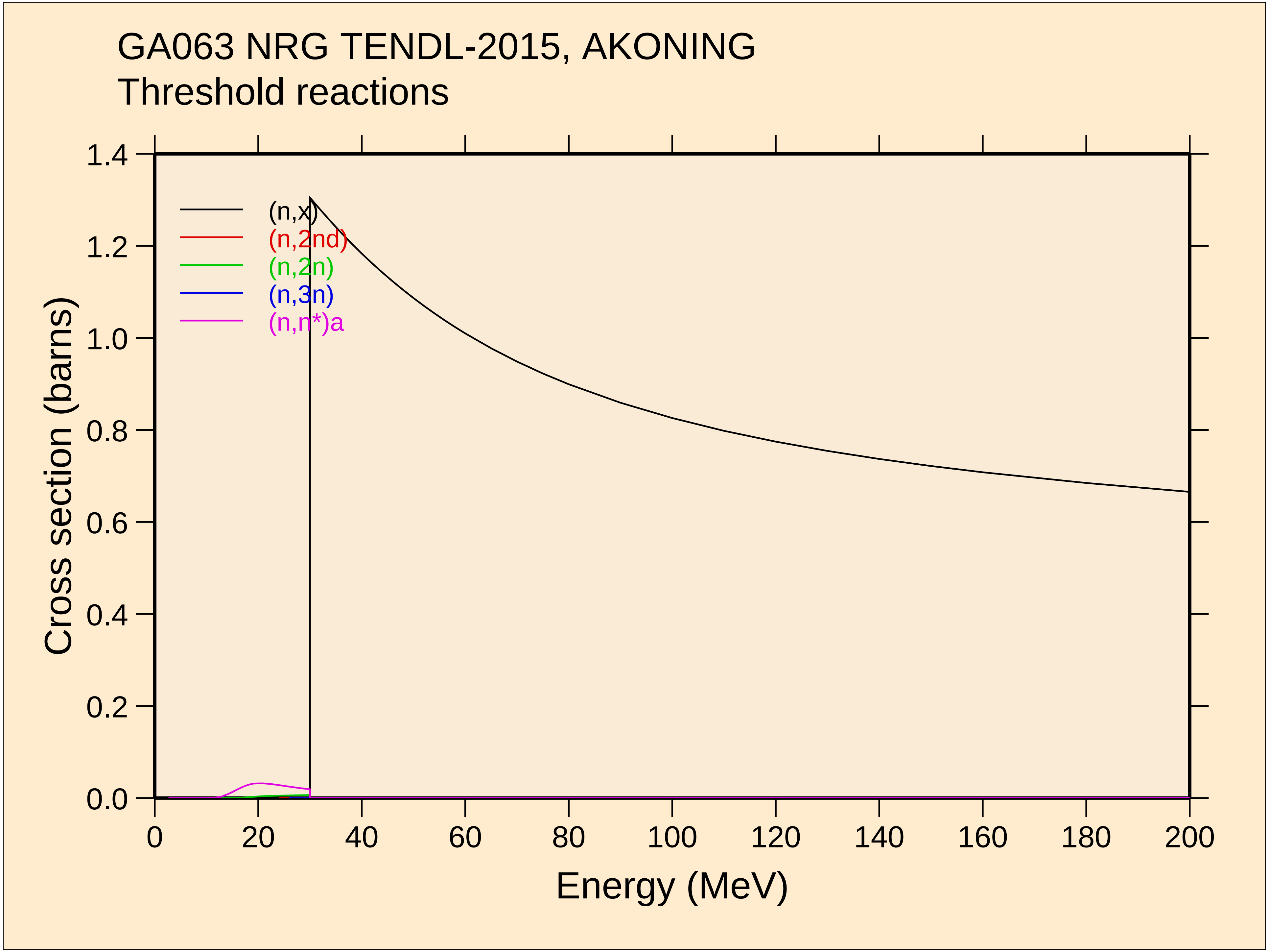

GA063 NRG TENDL-2015, AKONING
Non-threshold reactions
(n,gma)
(n,p)
(n,a)
(n,pa)
Cross section (barns)
Energy (MeV)
10^6
10^5
10^4
10^3
10^2
10^1
10^0
10^-11
10^-9
10^-7
10^-5
10^-3
10^-1
10^1

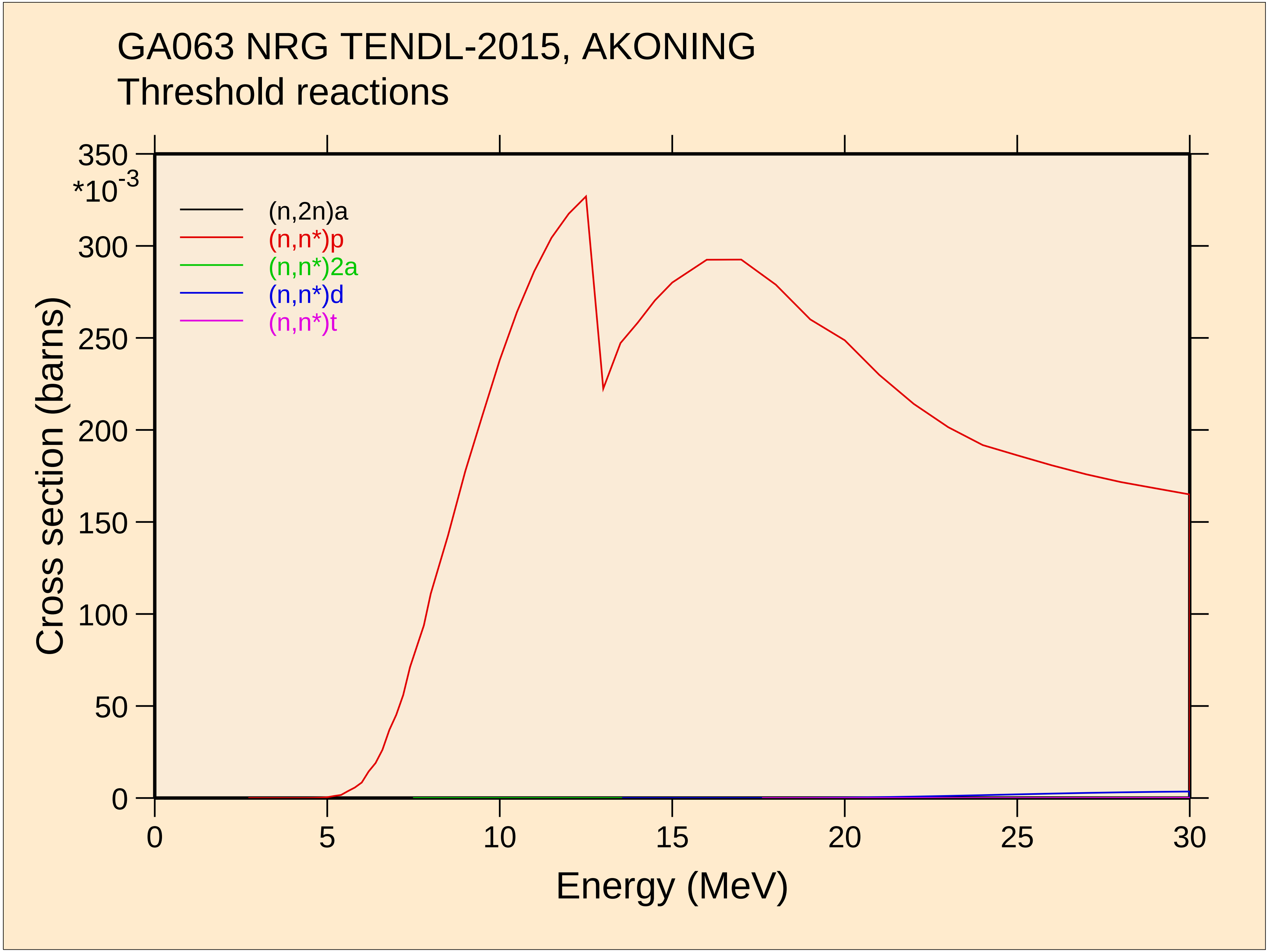

GA063 NRG TENDL-2015, AKONING
Principal cross sections
Cross section (barns)
Energy (MeV)
0
1
2
3
4
5
0
20
40
60
80
100
120
140
160
180
200
total
absorption
elastic
gamma production



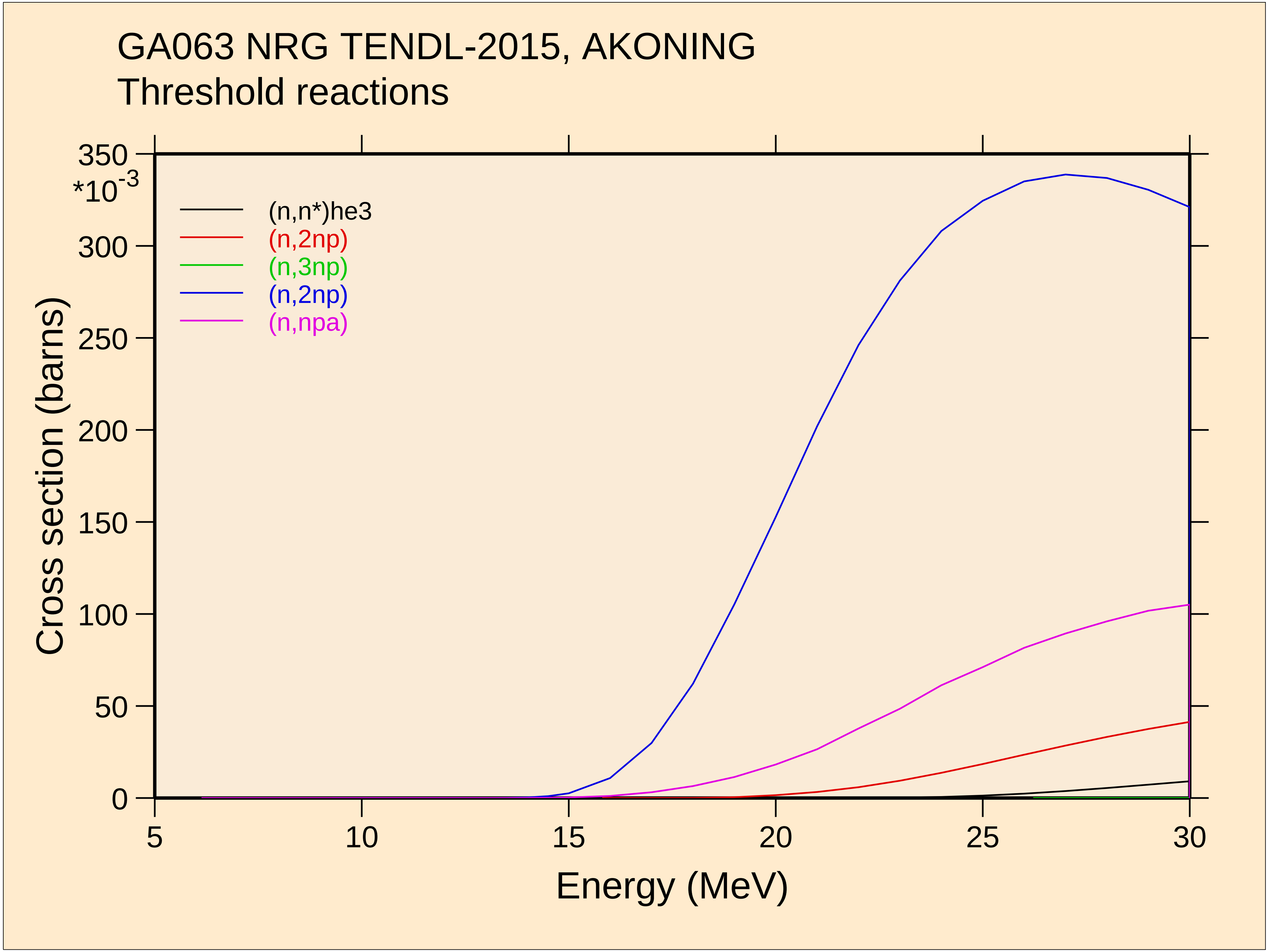
GA063 NRG TENDL-2015, AKONING
Non-threshold reactions
(n,gma)
(n,p)
(n,a)
(n,pa)
Cross section (barns)
Energy (MeV)
10^-1
10^-3
10^-5
10^-7
10^-9
10^-11
10^-13
10^-15
0
5
10
15
20
25
30

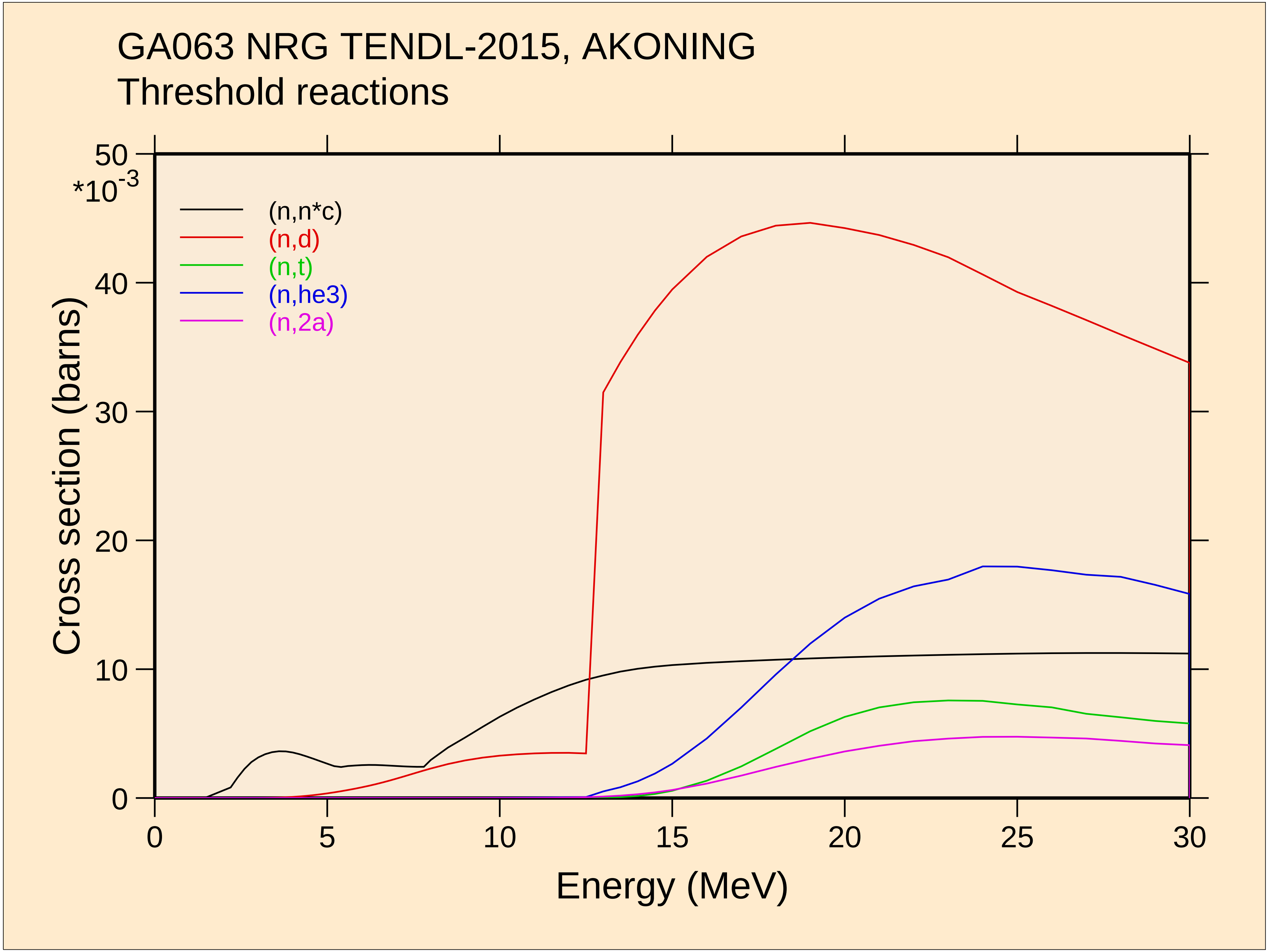

GA063 NRG TENDL-2015, AKONING
Inelastic levels
Cross section (barns)
*10^-3
0
10
20
30
40
50
Energy (MeV)
0
5
10
15
20
25
30
(n,n*1)
(n,n*2)
(n,n*3)
(n,n*4)
(n,n*5)


GA063 NRG TENDL-2015, AKONING
Threshold reactions
(n,x)
(n,2nd)
(n,2n)
(n,3n)
(n,n*)a
Cross section (barns)
Energy (MeV)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
0
20
40
60
80
100
120
140
160
180
200

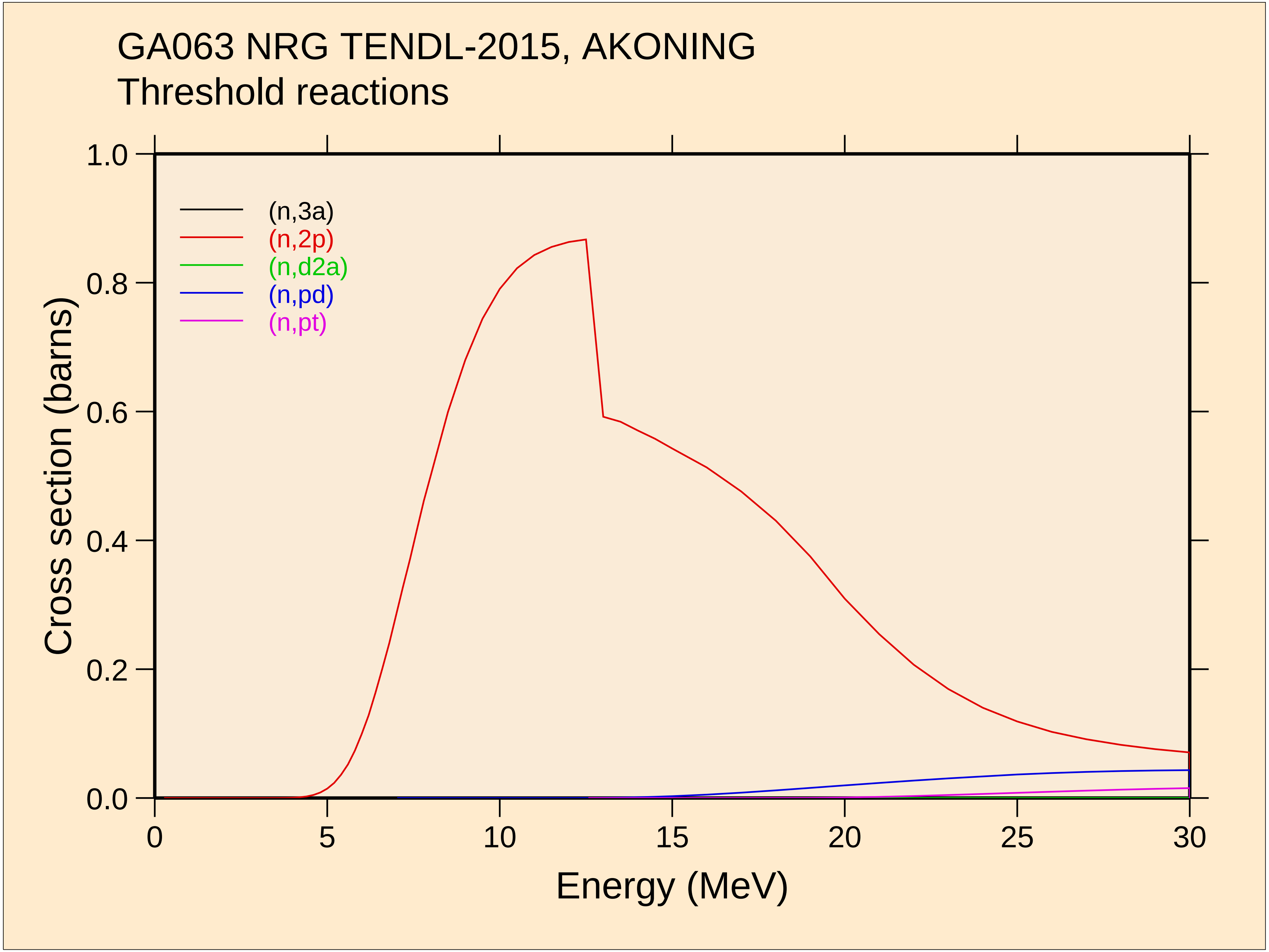


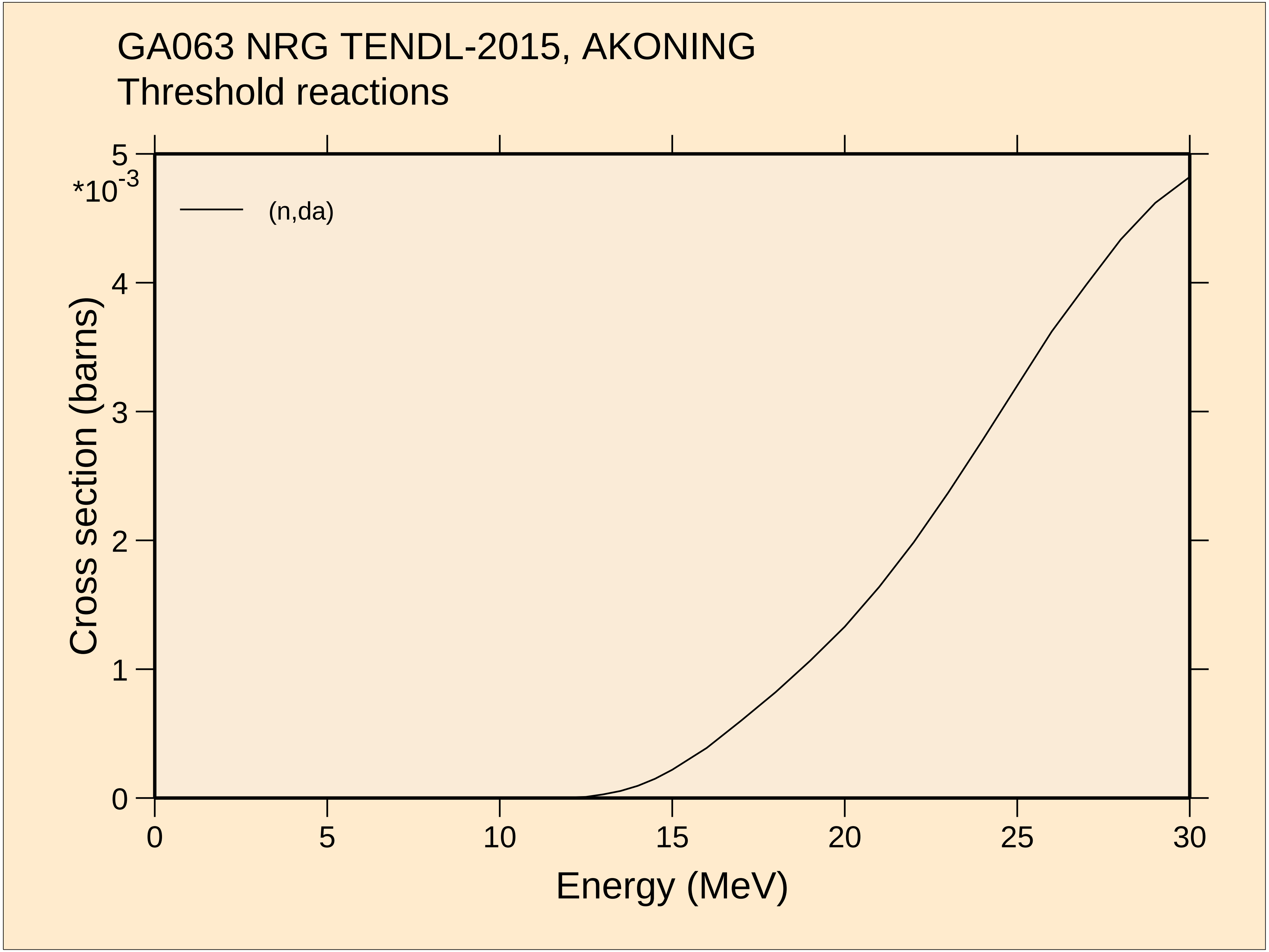
GA063 NRG TENDL-2015, AKONING
Threshold reactions
Cross section (barns)
350
*10-3
300
250
200
150
100
50
0
0
5
10
15
20
25
30
Energy (MeV)
(n,2n)a
(n,n*)p
(n,n*)2a
(n,n*)d
(n,n*)t

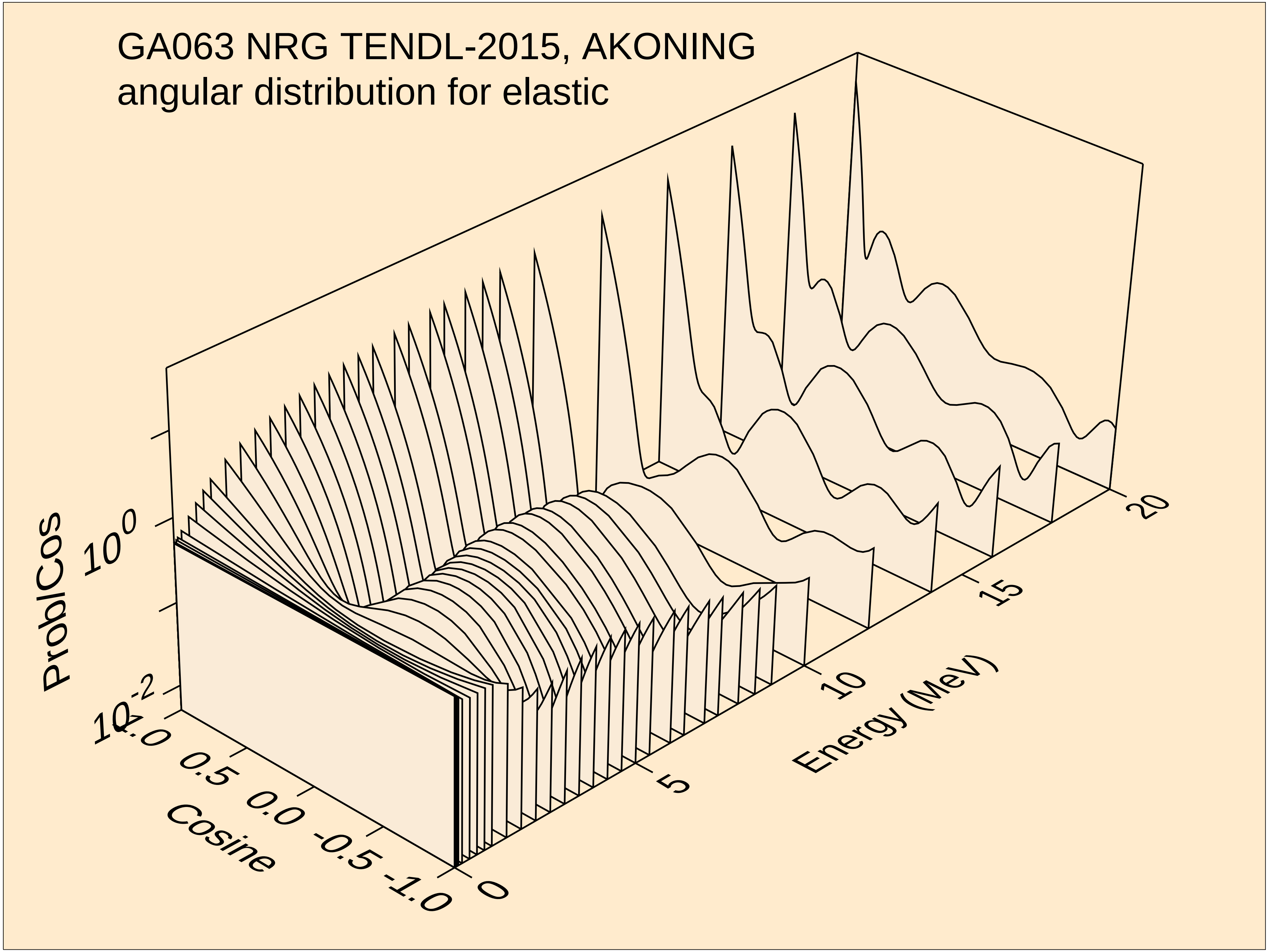

GA063 NRG TENDL-2015, AKONING
Threshold reactions
(n,n*)he3
(n,2np)
(n,3np)
(n,2np)
(n,npa)
Cross section (barns)
*10^-3
350
300
250
200
150
100
50
0
5
10
15
20
25
30
Energy (MeV)

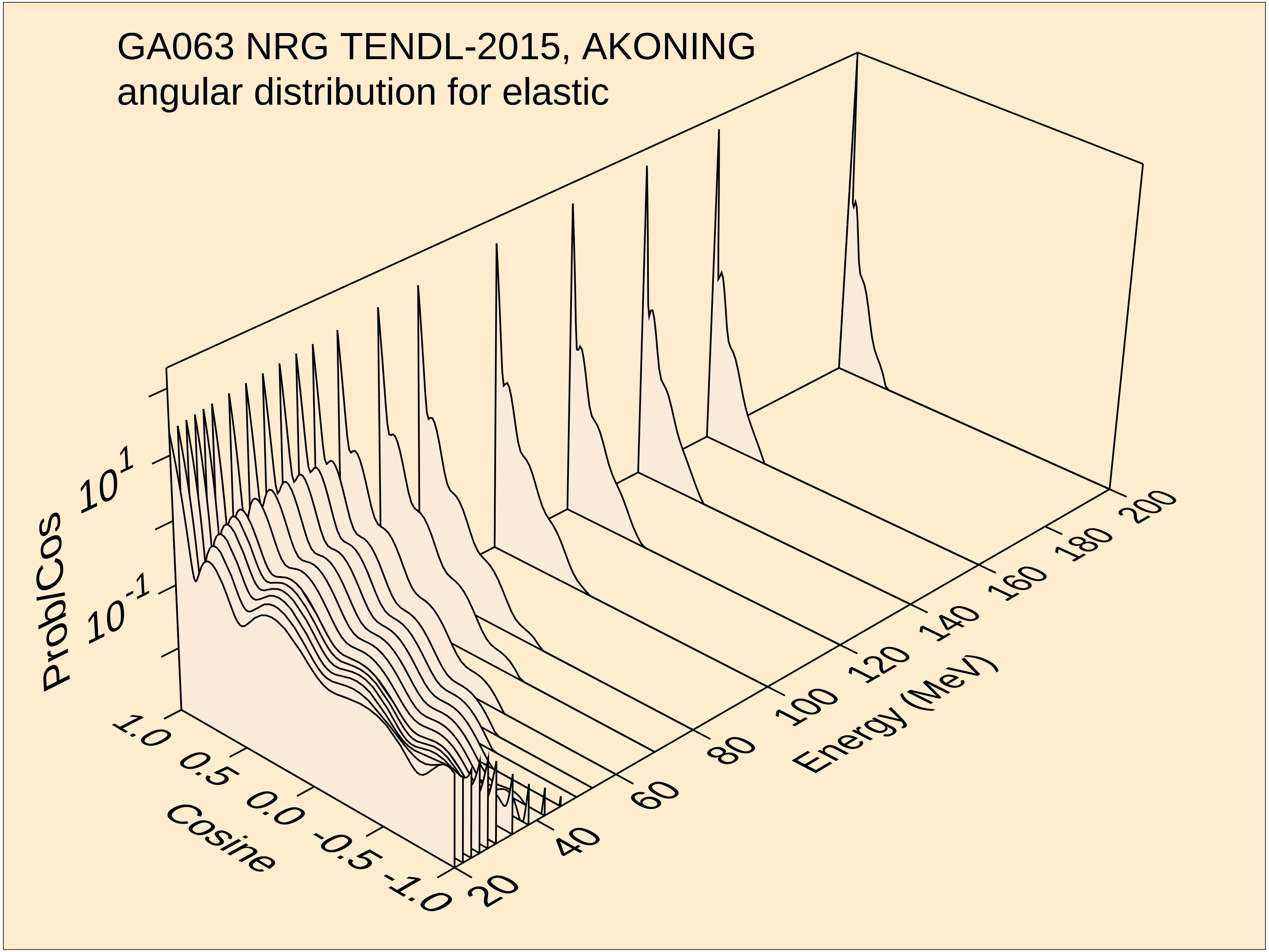


GA063 NRG TENDL-2015, AKONING
Threshold reactions
Cross section (barns)
*10^-3
50
40
30
20
10
0
(n,n*c)
(n,d)
(n,t)
(n,he3)
(n,2a)
0
5
10
15
20
25
30
Energy (MeV)

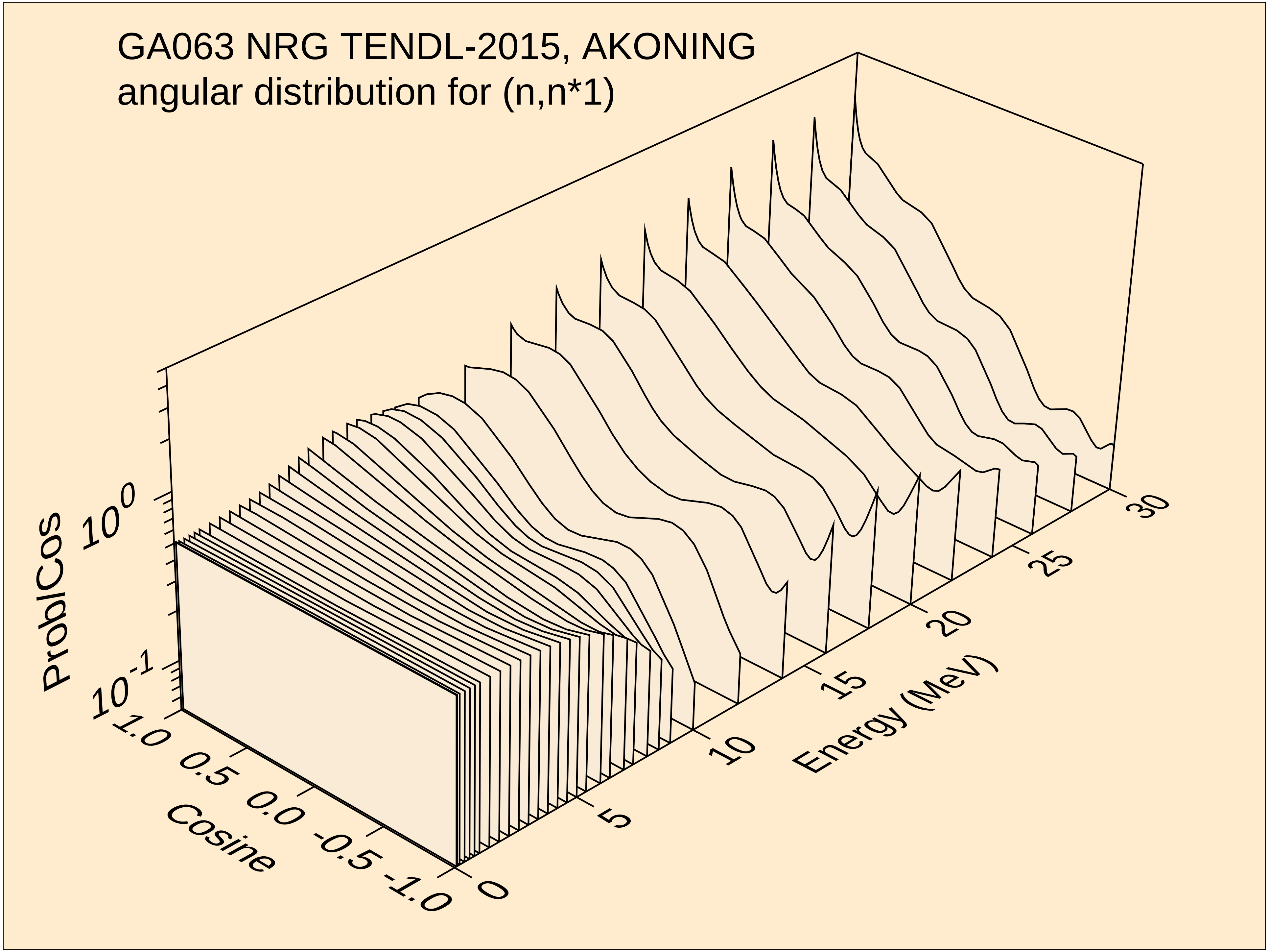

GA063 NRG TENDL-2015, AKONING
Threshold reactions
(n,3a)
(n,2p)
(n,d2a)
(n,pd)
(n,pt)
Cross section (barns)
0.0
0.2
0.4
0.6
0.8
1.0
0
5
10
15
20
25
30
Energy (MeV)

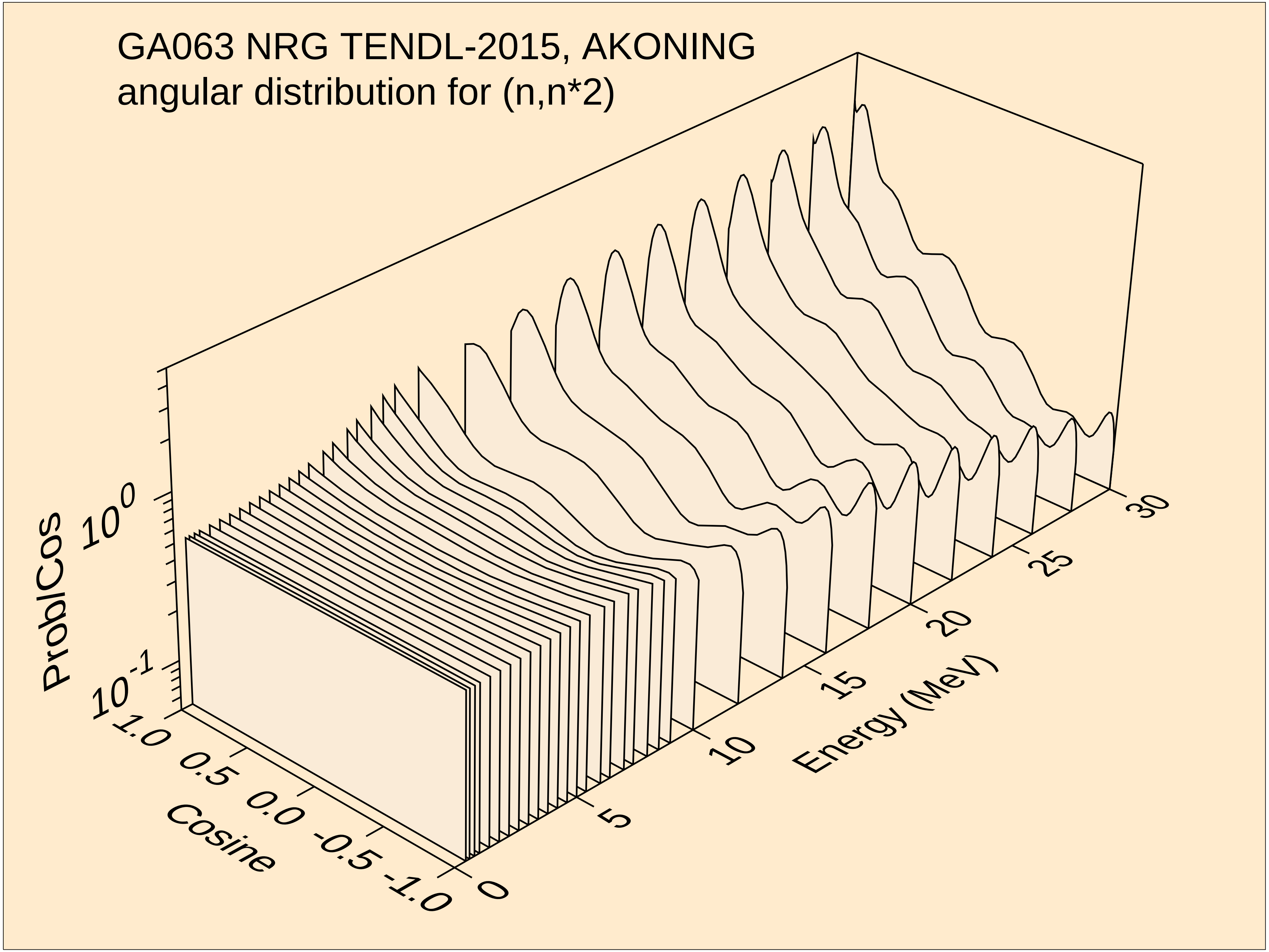

GA063 NRG TENDL-2015, AKONING
Threshold reactions
(n,da)
Cross section (barns)
*10^-3
0
1
2
3
4
5
0
5
10
15
20
25
30
Energy (MeV)

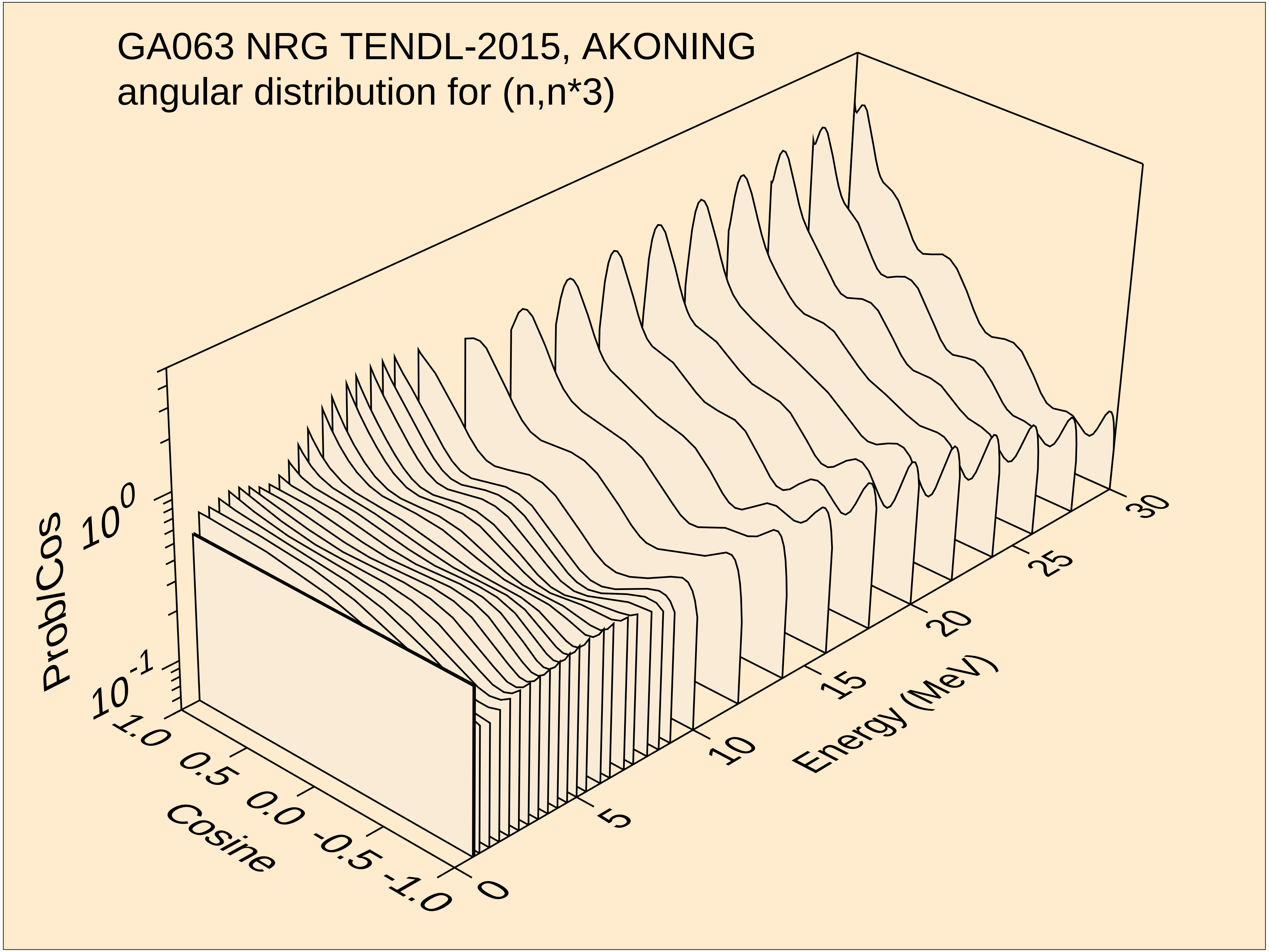

GA063 NRG TENDL-2015, AKONING
angular distribution for elastic
Probl/Cos
10^{0}
10^{-2}
Cosine
1.0
0.5
0.0
-0.5
-1.0
Energy (MeV)
0
5
10
15
20

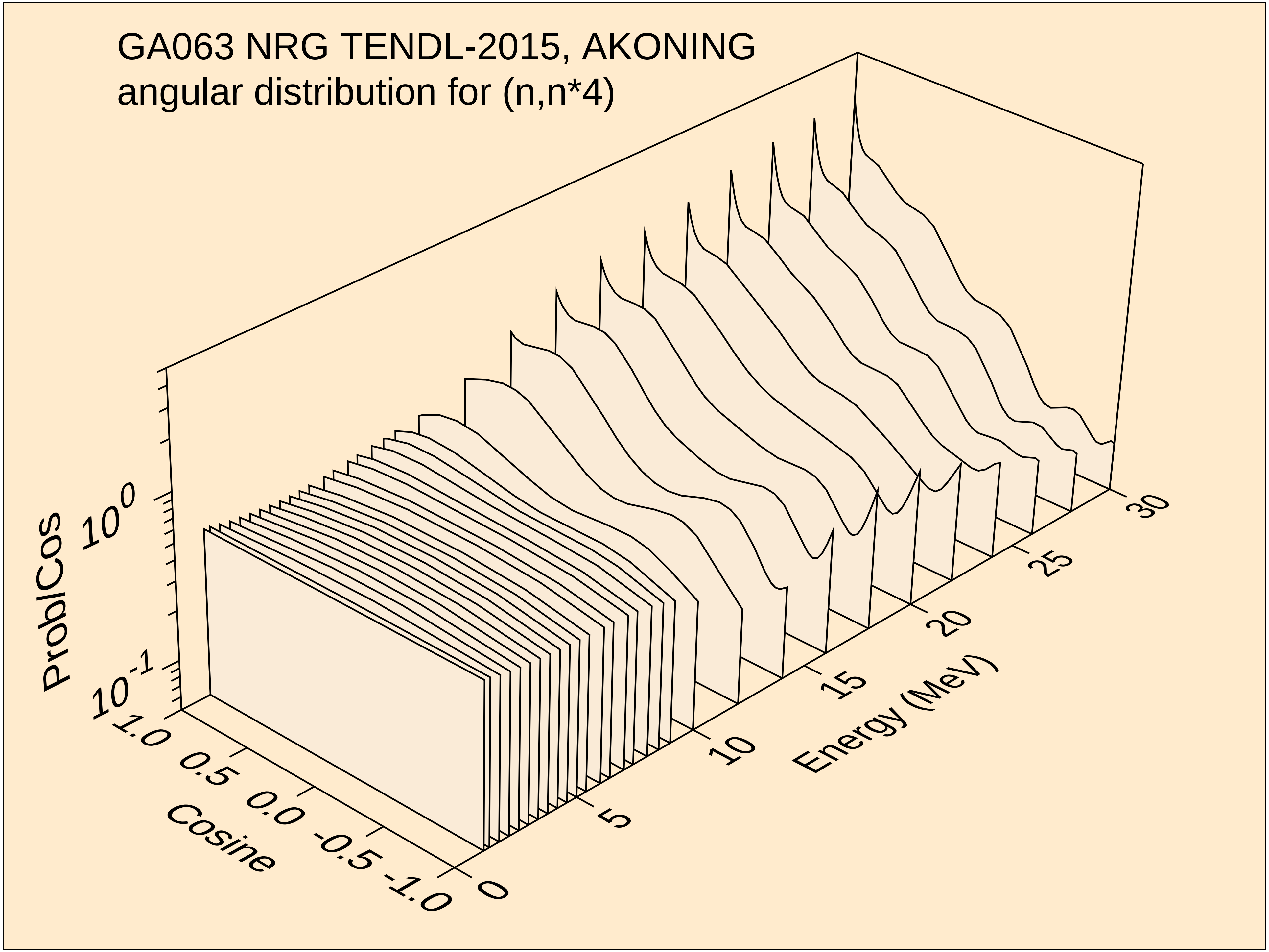


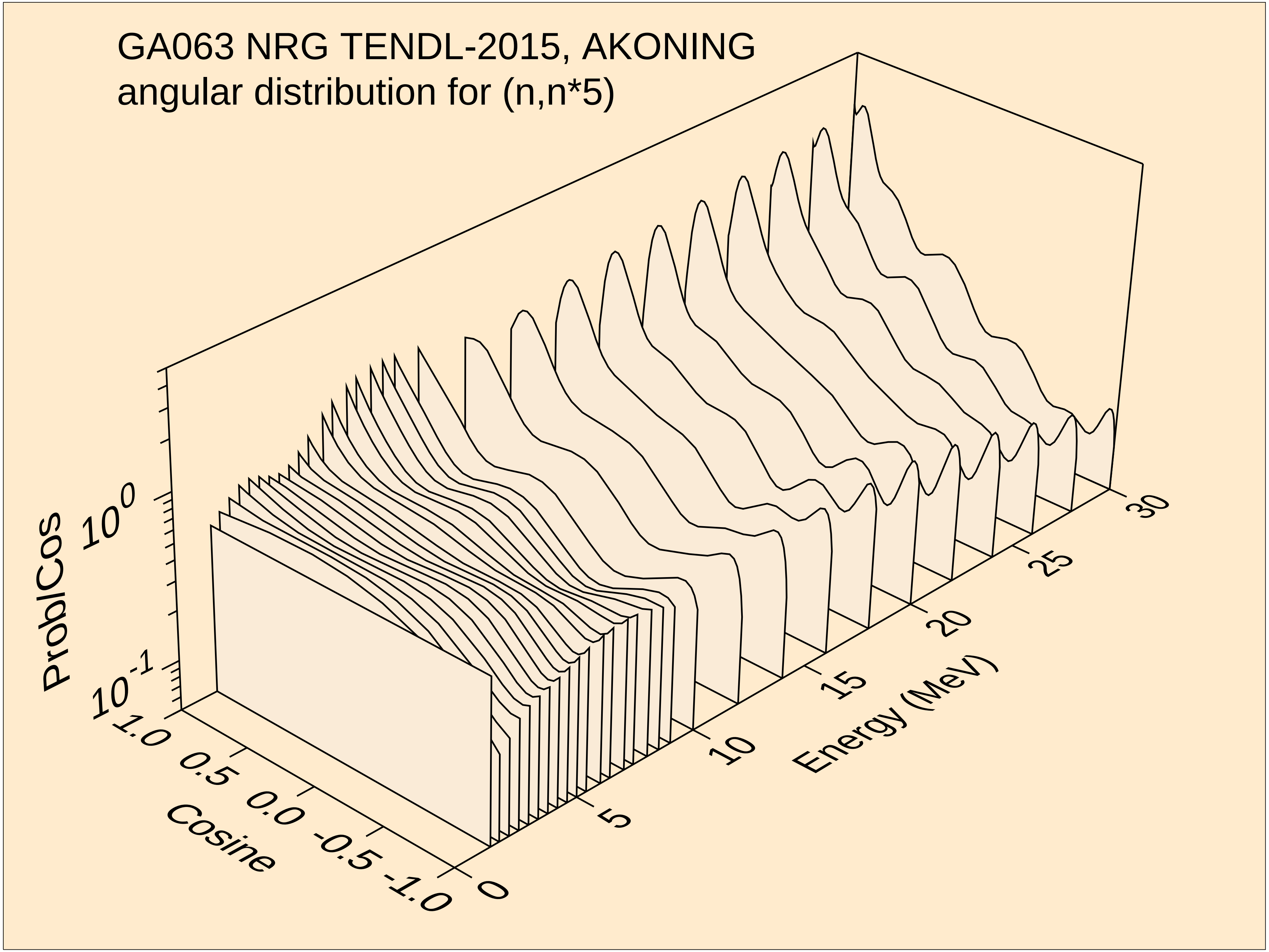
GA063 NRG TENDL-2015, AKONING
angular distribution for elastic
ProblCos
10^{1}
10^{-1}
1.0
0.5
0.0
-0.5
-1.0
Cosine
20
40
60
80
100
120
140
160
180
200
Energy (MeV)

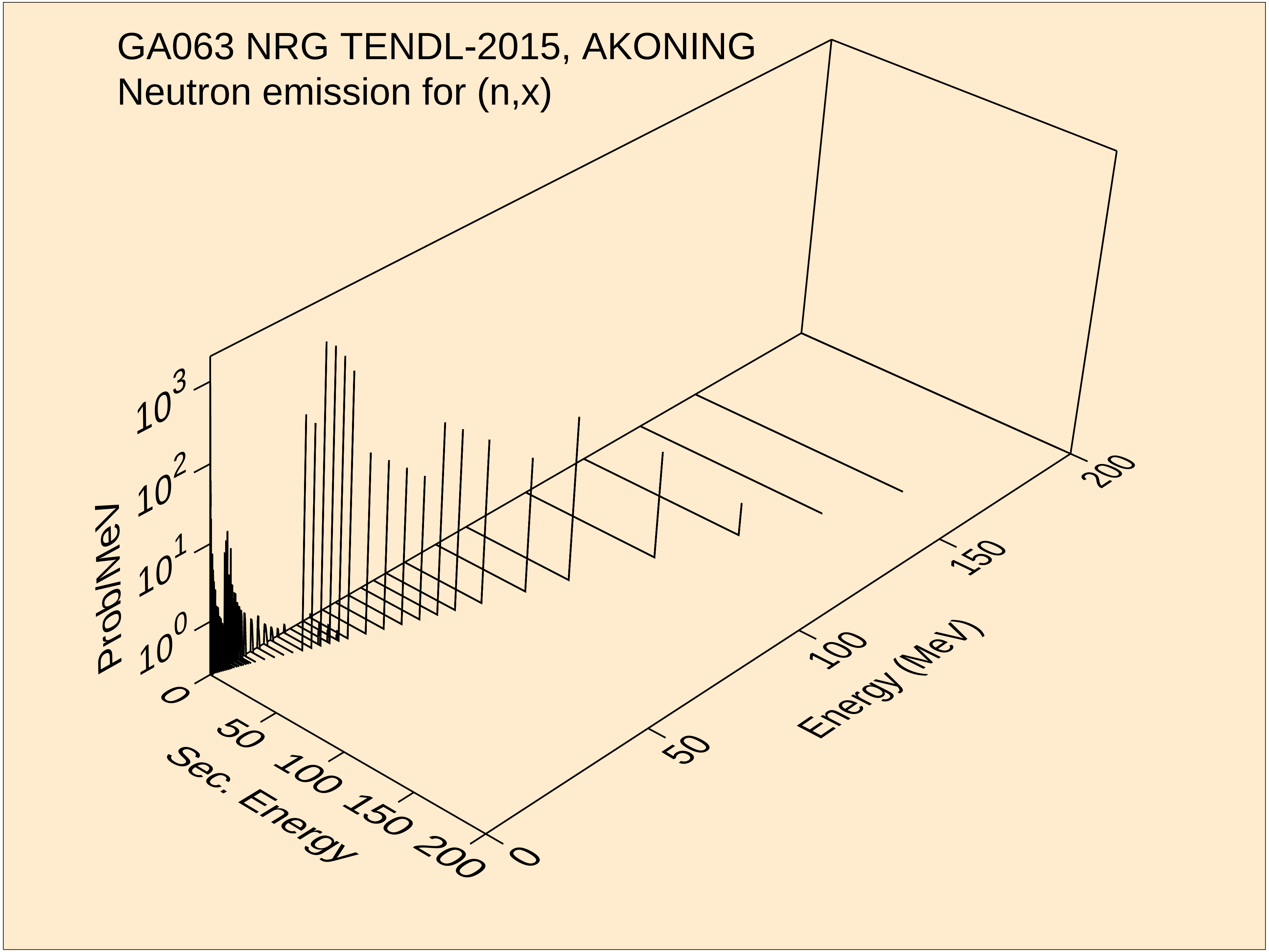

GA063 NRG TENDL-2015, AKONING
angular distribution for (n,n*1)
Probl/Cos
10^{0}
10^{-1}
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
5
10
15
20
25
30
Energy (MeV)


GA063 NRG TENDL-2015, AKONING
angular distribution for (n,n*2)
ProbICos
10^0
10^-1
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
5
10
15
20
25
30
Energy (MeV)

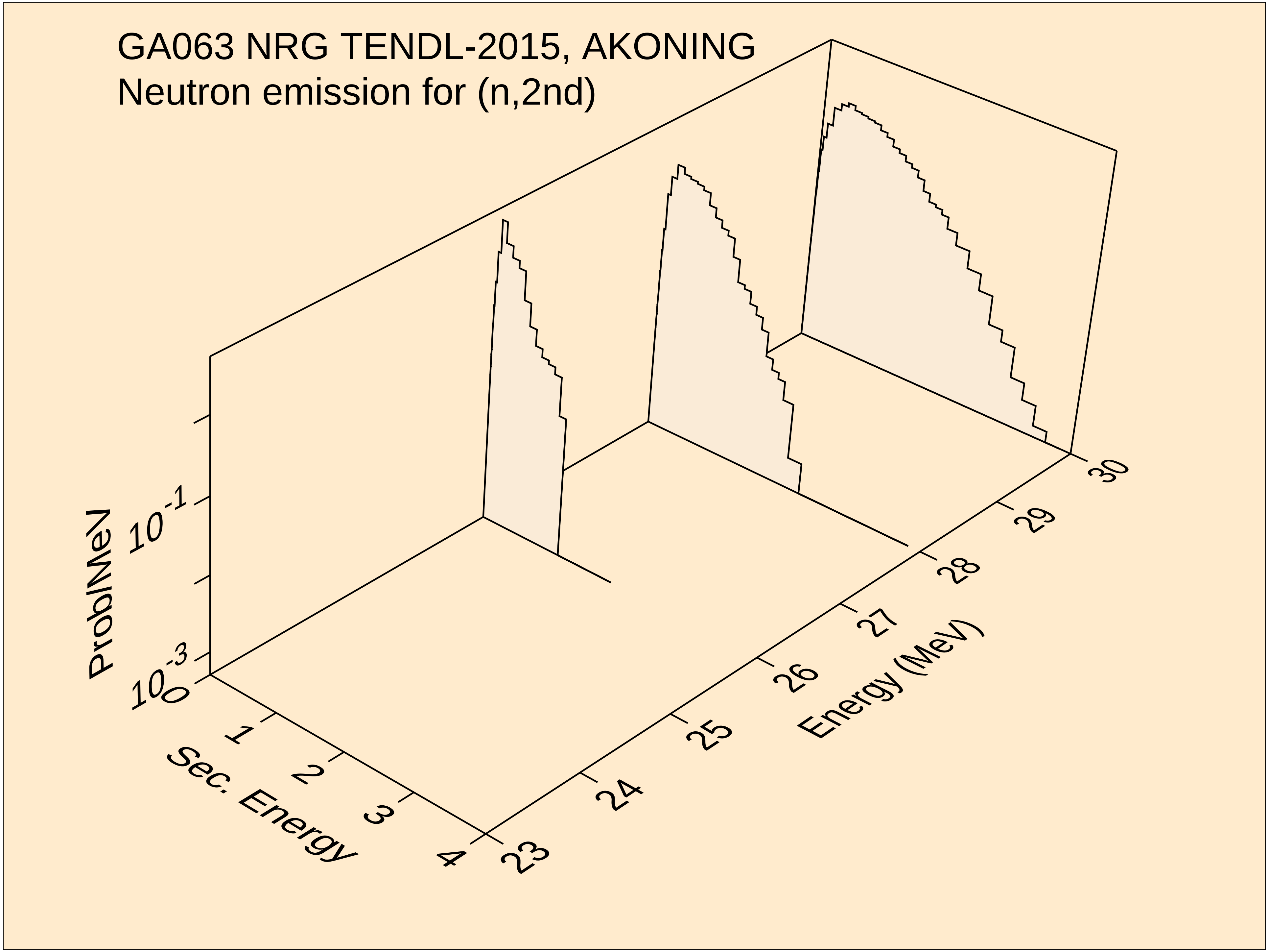

GA063 NRG TENDL-2015, AKONING
angular distribution for (n,n*3)
Probl/Cos
10^0
10^{-1}
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
5
10
15
20
25
30
Energy (MeV)

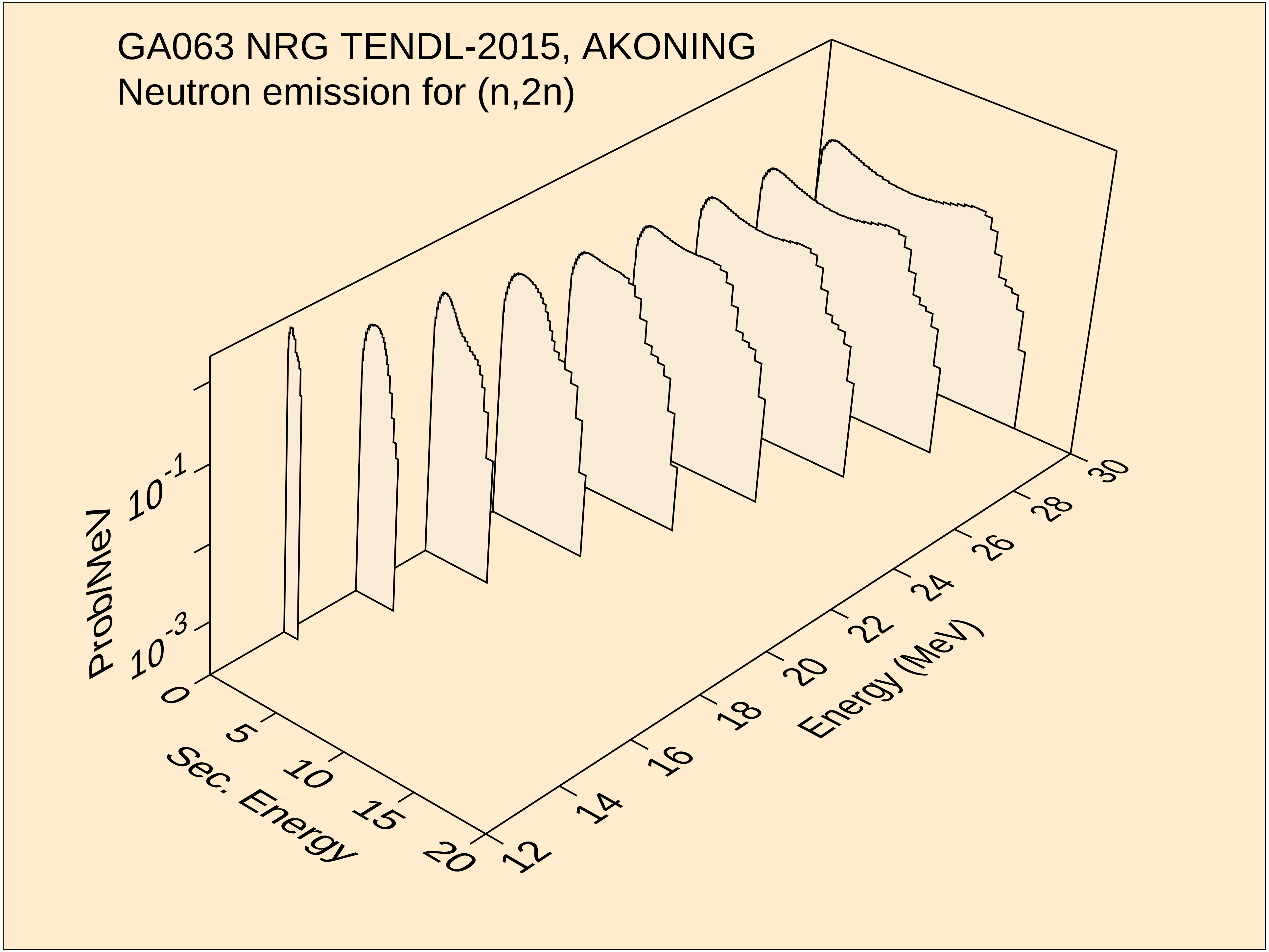

GA063 NRG TENDL-2015, AKONING
angular distribution for (n,n*4)
Probl/Cos
10^0
10^-1
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
5
10
15
20
25
30
Energy (MeV)

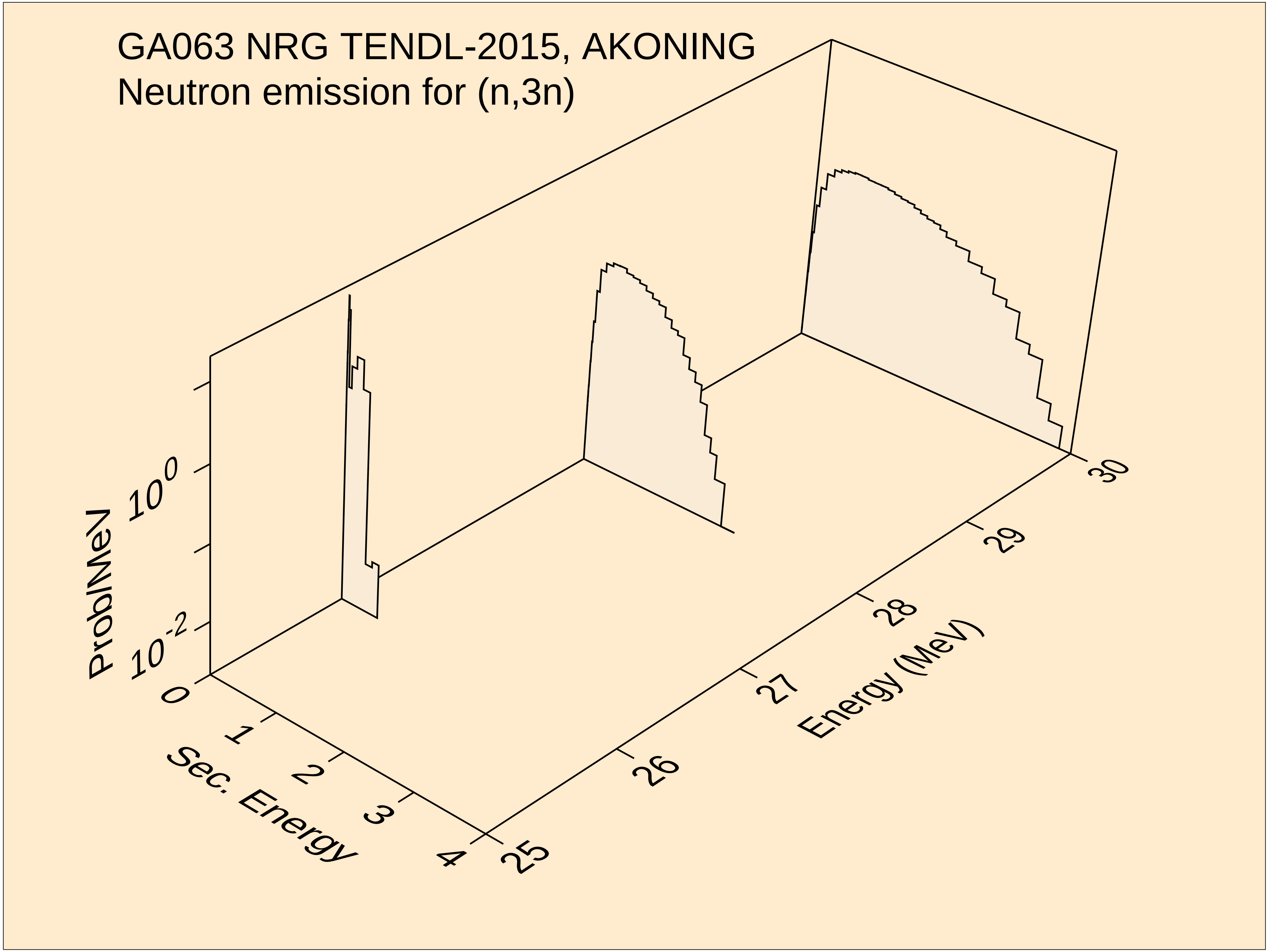

GA063 NRG TENDL-2015, AKONING
angular distribution for (n,n*5)
ProblCos
10^0
10^-1
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
5
10
15
20
25
30
Energy (MeV)

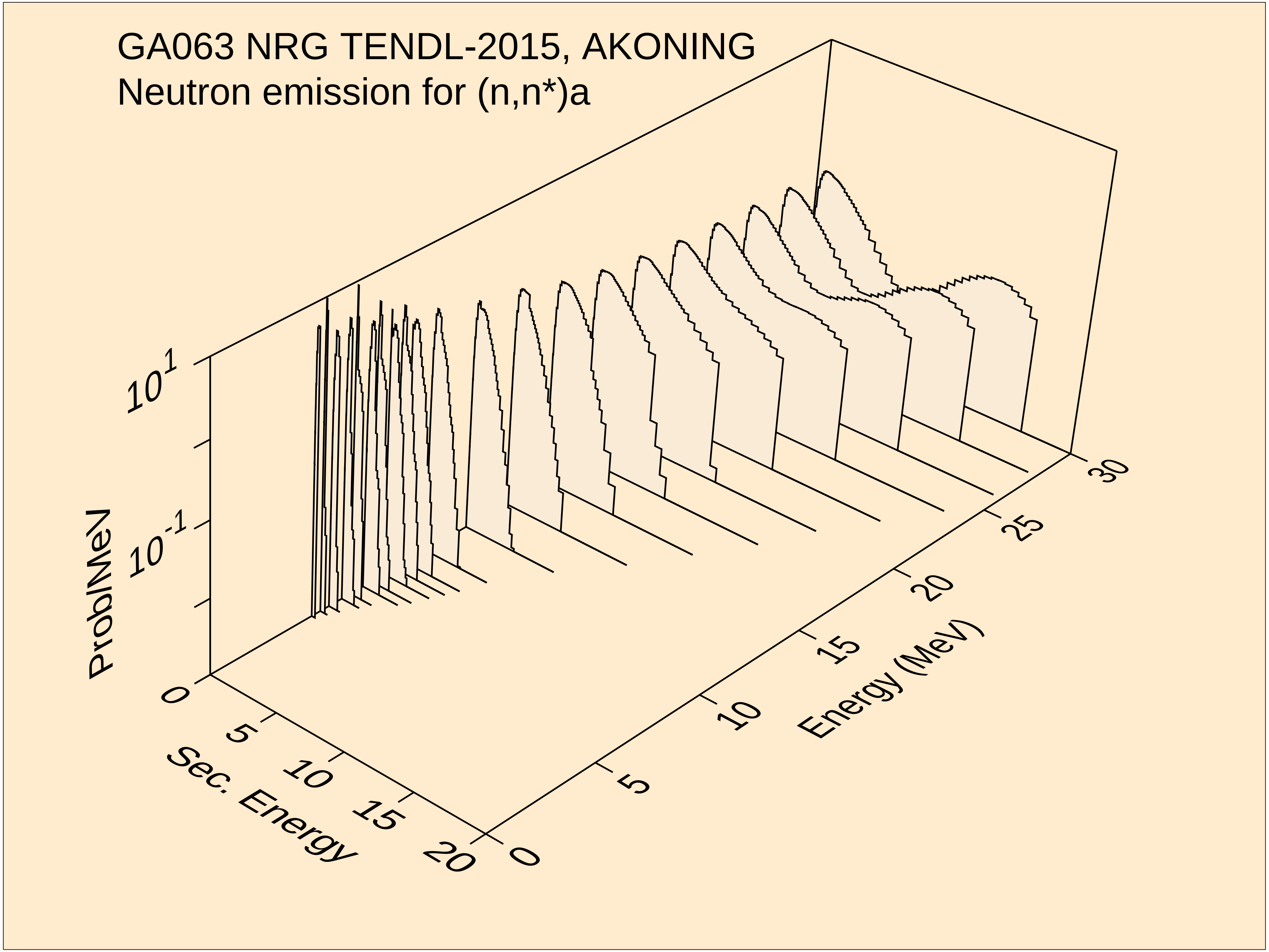


GA063 NRG TENDL-2015, AKONING
Neutron emission for (n,x)
ProbMeV
10^0
10^1
10^2
10^3
0
50
100
150
200
Sec. Energy
0
50
100
150
200
Energy (MeV)

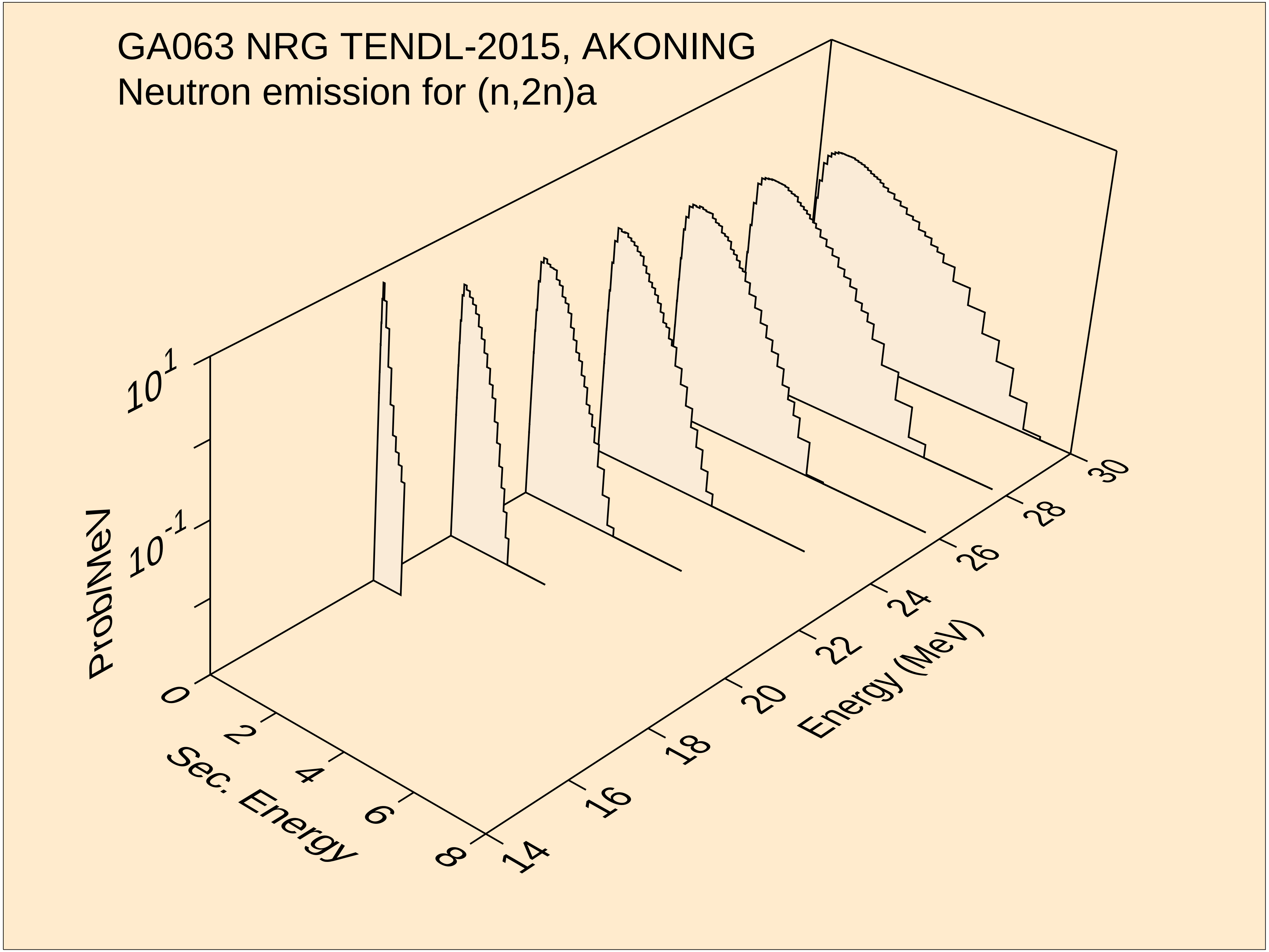

GA063 NRG TENDL-2015, AKONING
Neutron emission for (n,2nd)
ProbMeV
10^-1
10^-3
0
1
2
3
4
Sec. Energy
23
24
25
26
27
28
29
30
Energy (MeV)

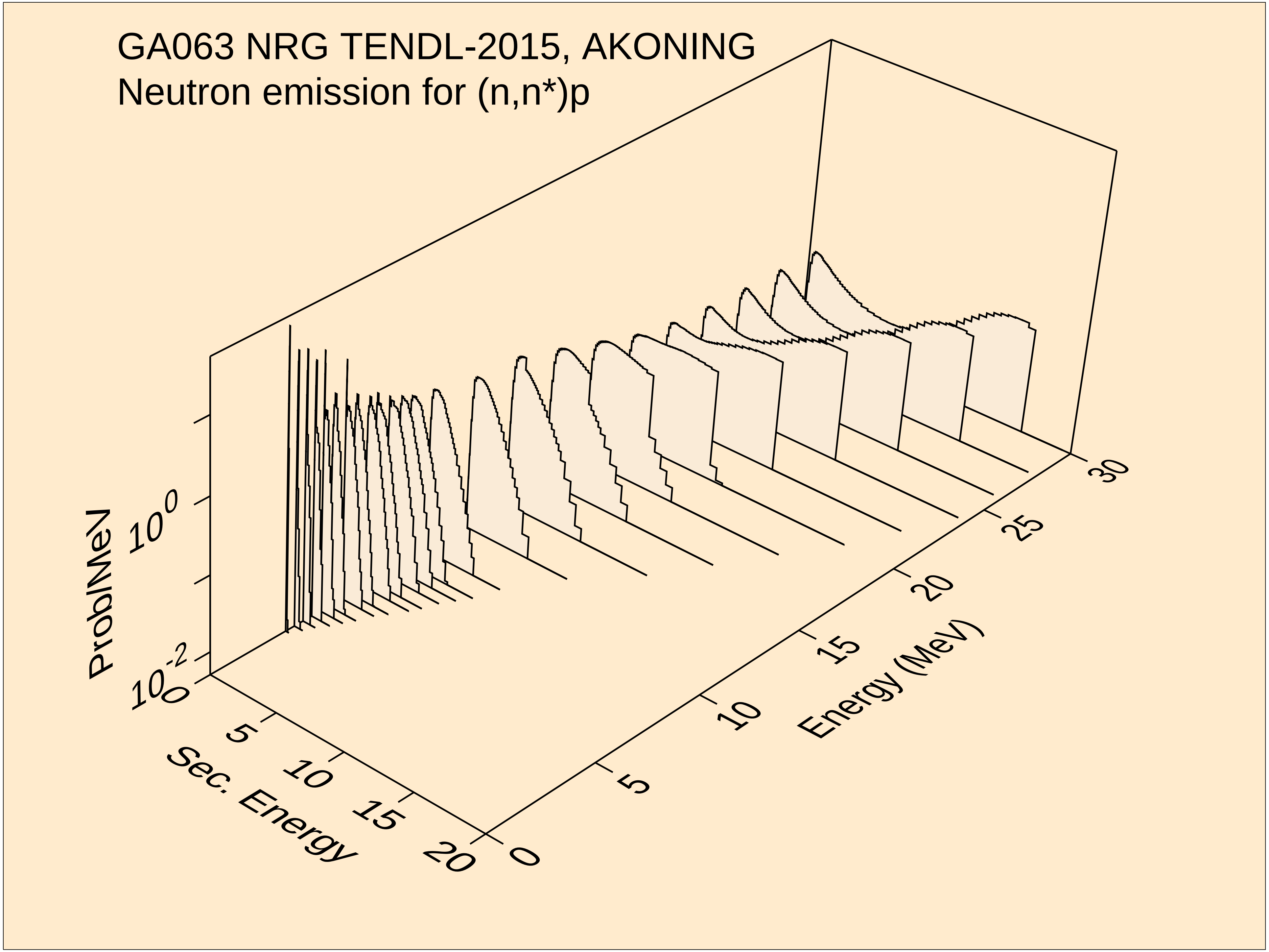

GA063 NRG TENDL-2015, AKONING
Neutron emission for (n,2n)
ProbMeV
10^{-1}
10^{-3}
0
5
10
15
20
Sec. Energy
12
14
16
18
20
22
24
26
28
30
Energy (MeV)

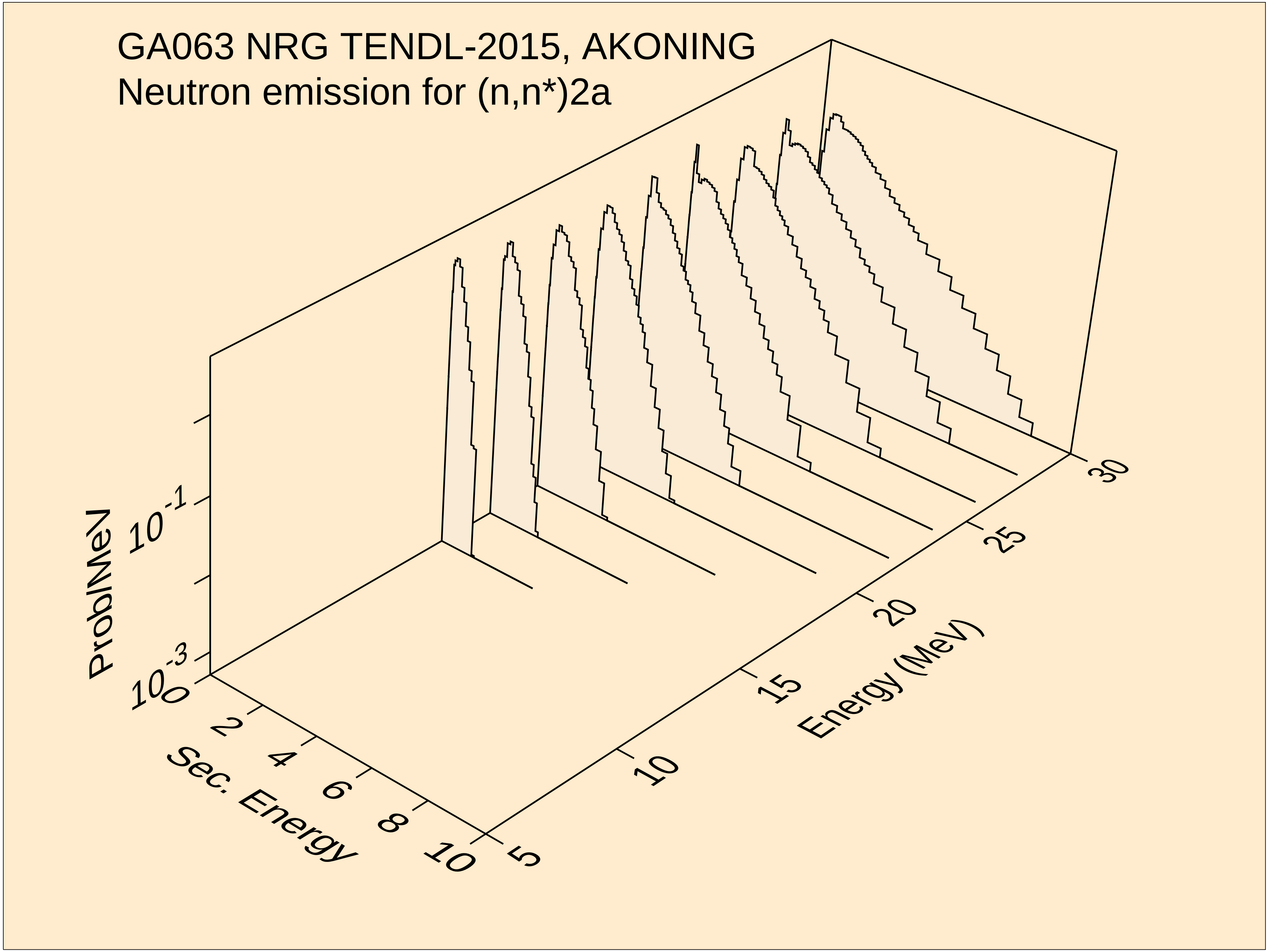

GA063 NRG TENDL-2015, AKONING
Neutron emission for (n,3n)
ProbMeV
10^{0}
10^{-2}
0
1
2
3
4
Sec. Energy
25
26
27
28
29
30
Energy (MeV)



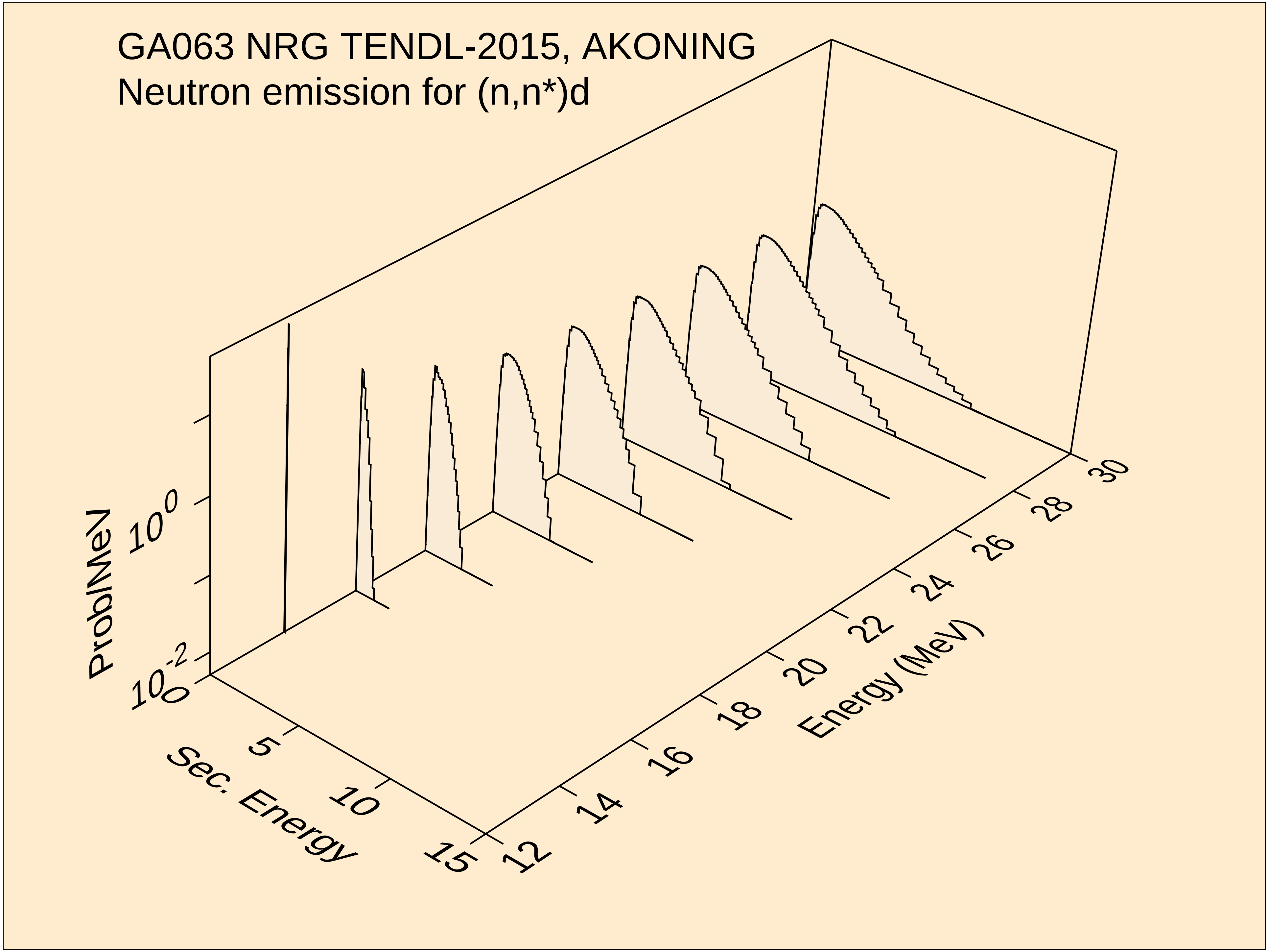
GA063 NRG TENDL-2015, AKONING
Neutron emission for (n,n*)a
ProbMeV
10^{1}
10^{-1}
0
5
10
15
20
Sec. Energy
0
5
10
15
20
25
30
Energy (MeV)


GA063 NRG TENDL-2015, AKONING
Neutron emission for (n,2n)a
Prob/MeV
10^{1}
10^{-1}
0
2
4
6
8
Sec. Energy
14
16
18
20
22
24
26
28
30
Energy (MeV)

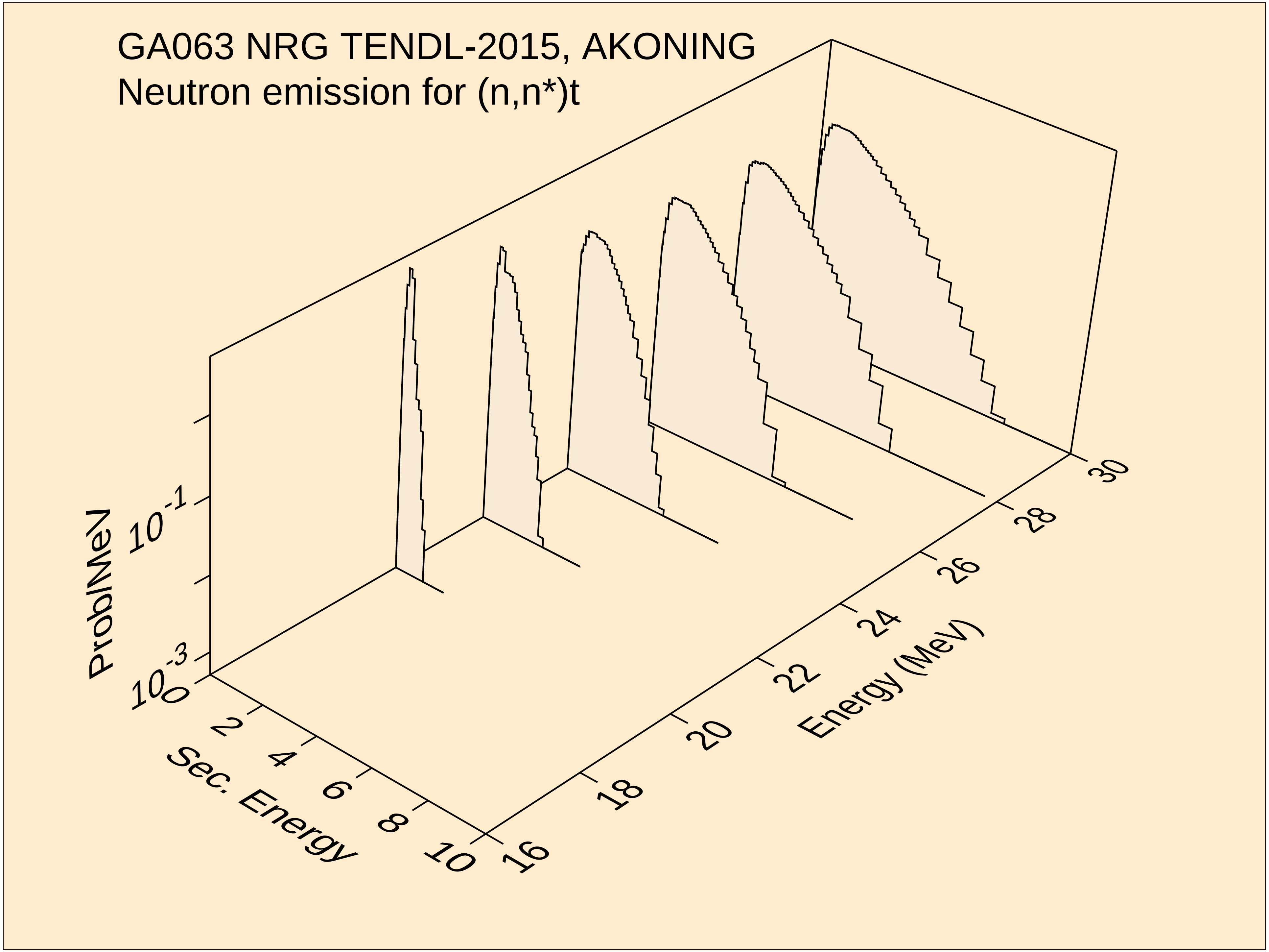

GA063 NRG TENDL-2015, AKONING
Neutron emission for (n,n*)p
ProbMeV
10^{0}
10^{-2}
0
5
10
15
20
Sec. Energy
0
5
10
15
20
25
30
Energy (MeV)

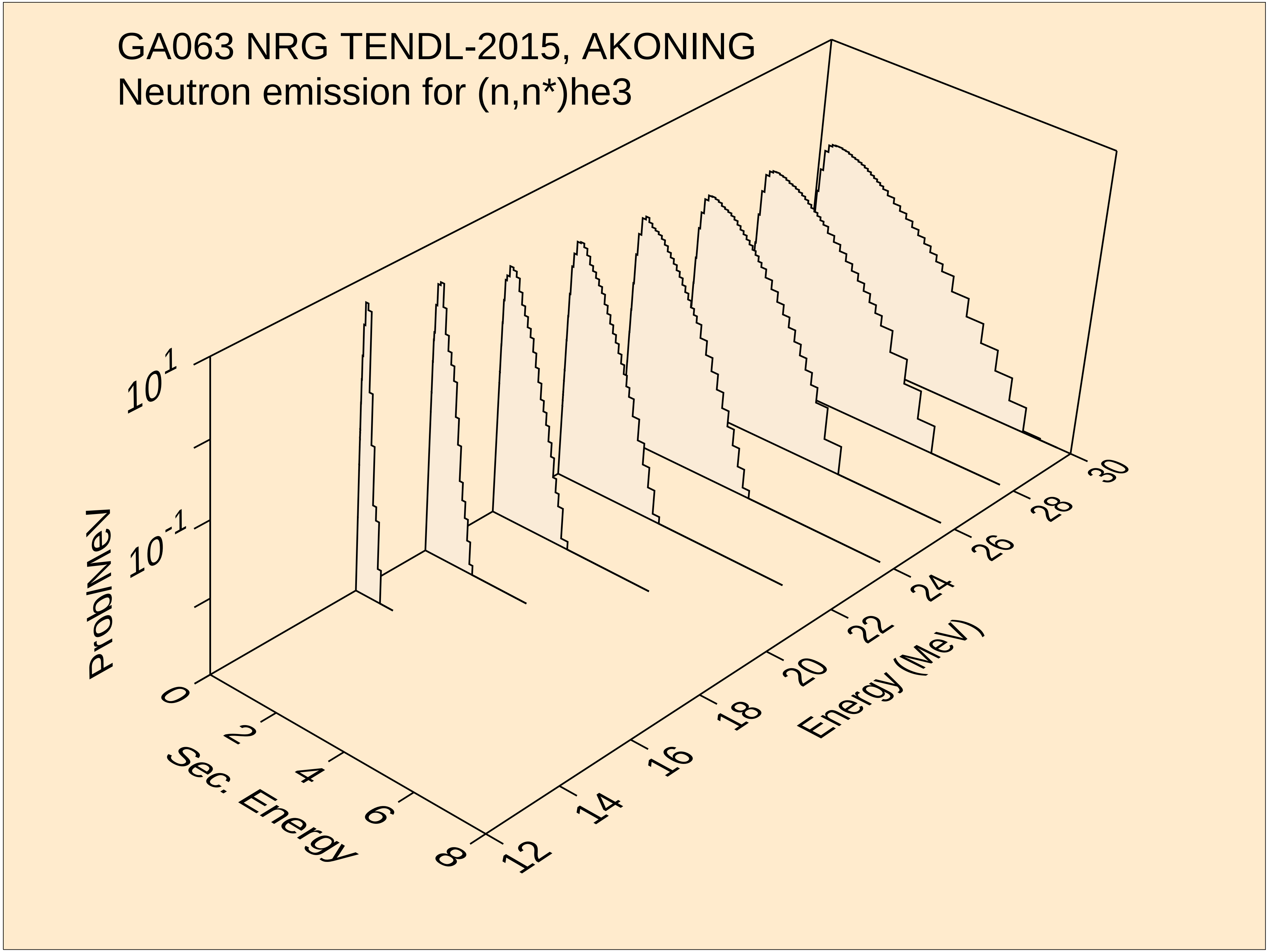


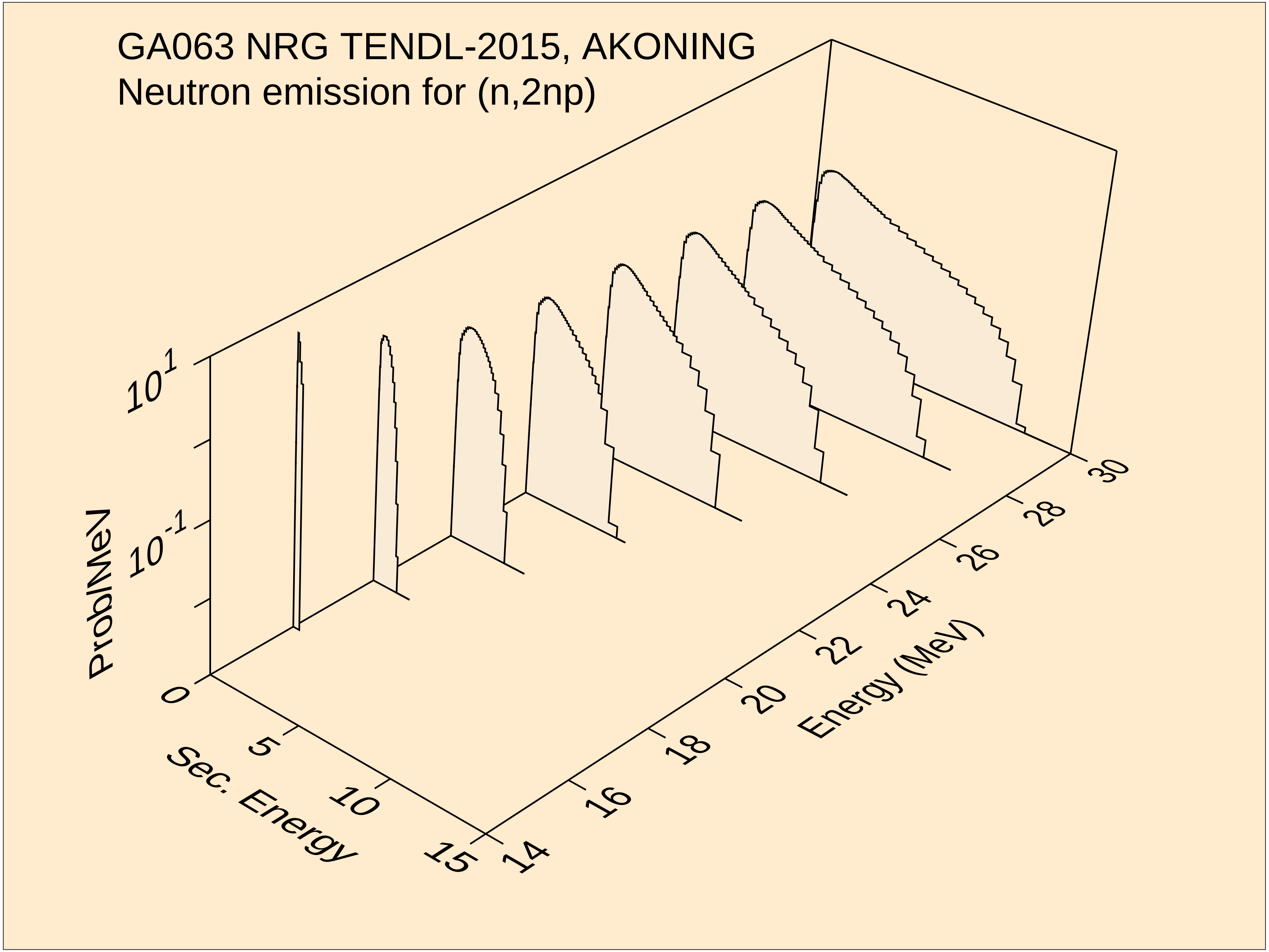
GA063 NRG TENDL-2015, AKONING
Neutron emission for (n,n*)2a
Prob/MeV
10^{-1}
10^{-3}
0
2
4
6
8
10
Sec. Energy
5
10
15
20
25
30
Energy (MeV)



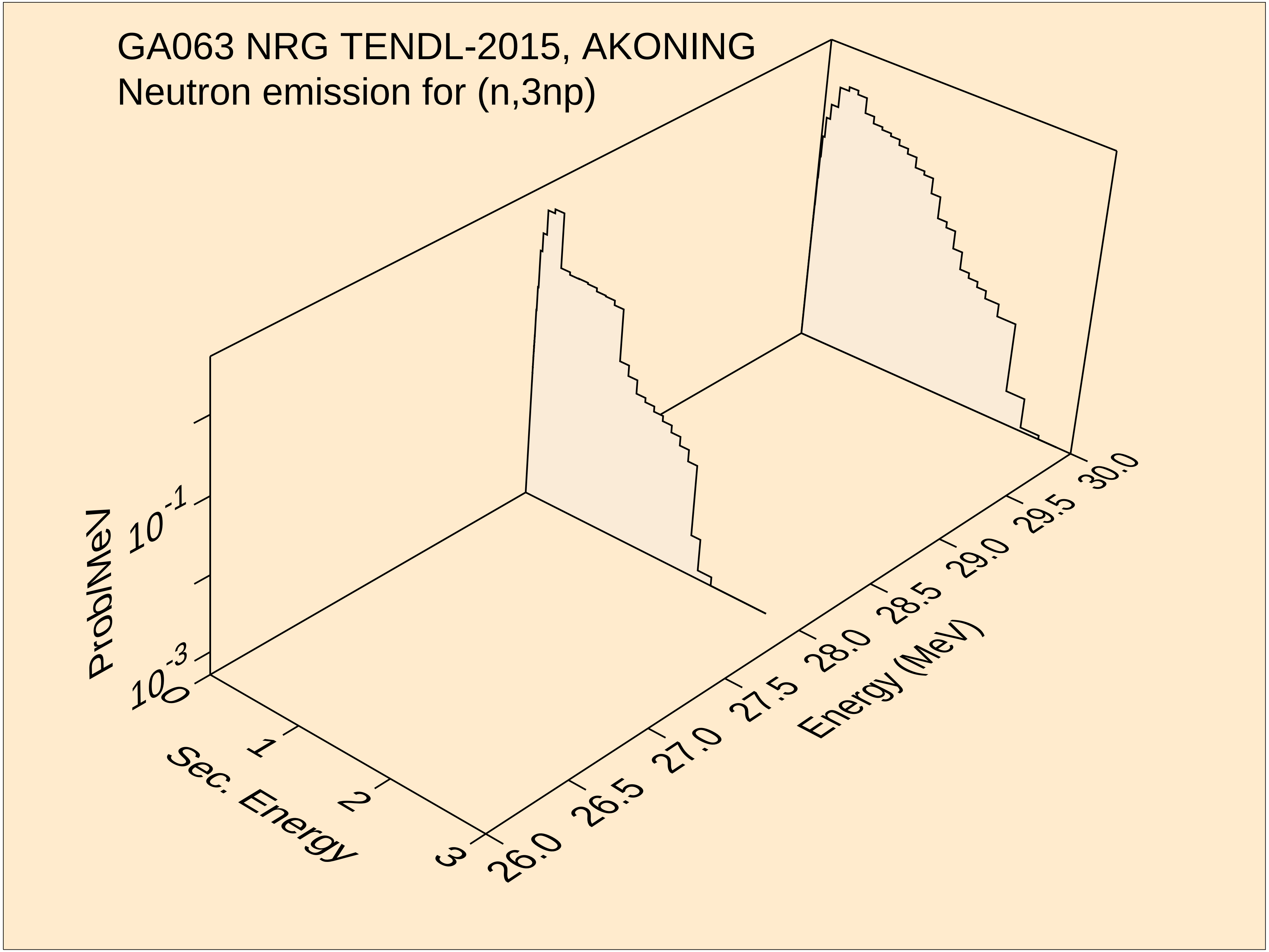
GA063 NRG TENDL-2015, AKONING
Neutron emission for (n,n*)d
Prob/MeV
10^{0}
10^{-2}
0
5
10
15
Sec. Energy
12
14
16
18
20
22
24
26
28
30
Energy (MeV)

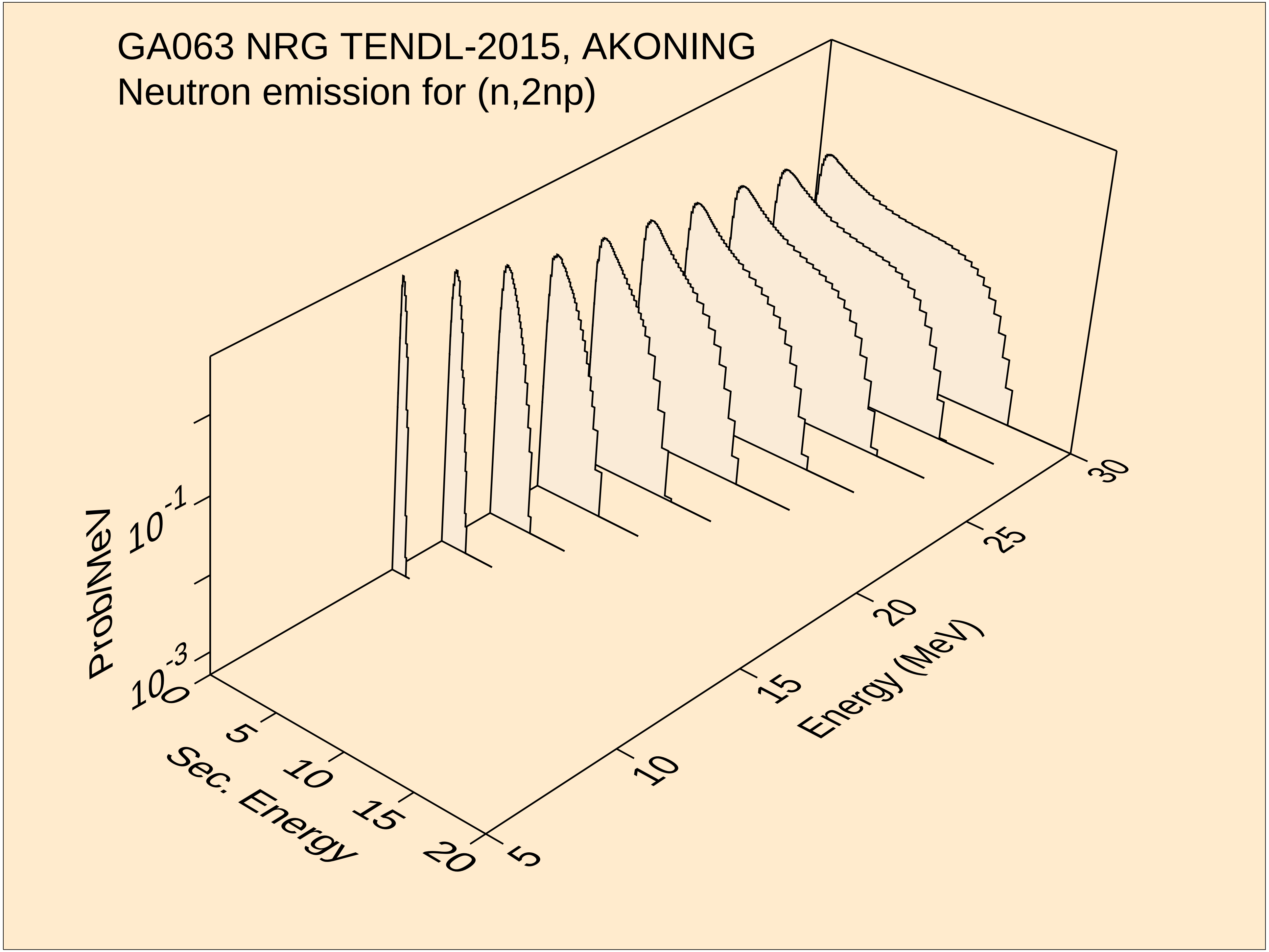

GA063 NRG TENDL-2015, AKONING
Neutron emission for (n,n*)t
Prob/MeV
10^{-1}
10^{-3}
Sec. Energy
0
2
4
6
8
10
Energy (MeV)
16
18
20
22
24
26
28
30


GA063 NRG TENDL-2015, AKONING
Neutron emission for (n,n*)he3
ProblMeV
10^1
10^-1
0
2
4
6
8
Sec. Energy
12
14
16
18
20
22
24
26
28
30
Energy (MeV)

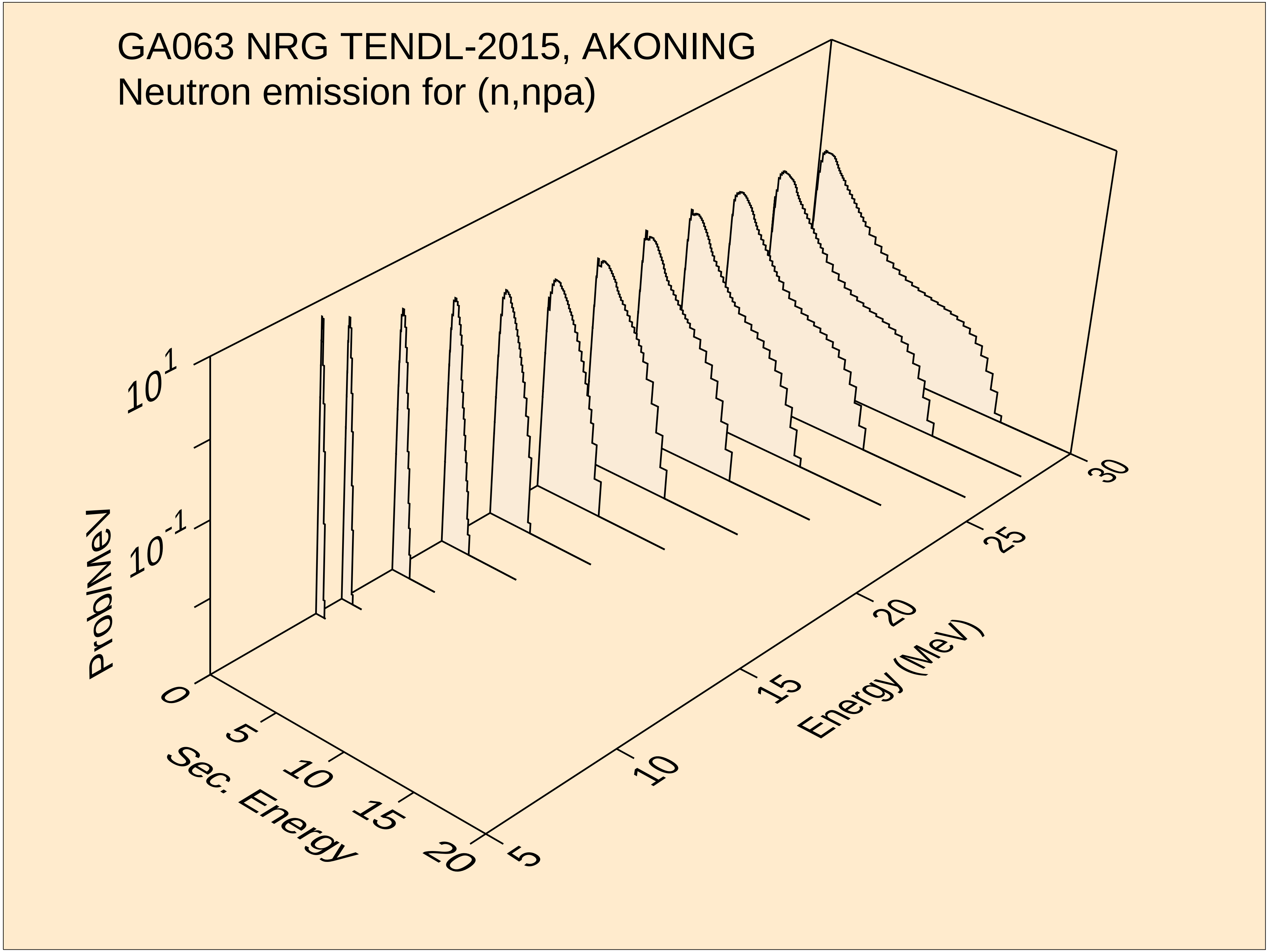


GA063 NRG TENDL-2015, AKONING
Neutron emission for (n,2np)
ProbMeV
10^{1}
10^{-1}
0
5
10
15
Sec. Energy
14
16
18
20
22
24
26
28
30
Energy (MeV)

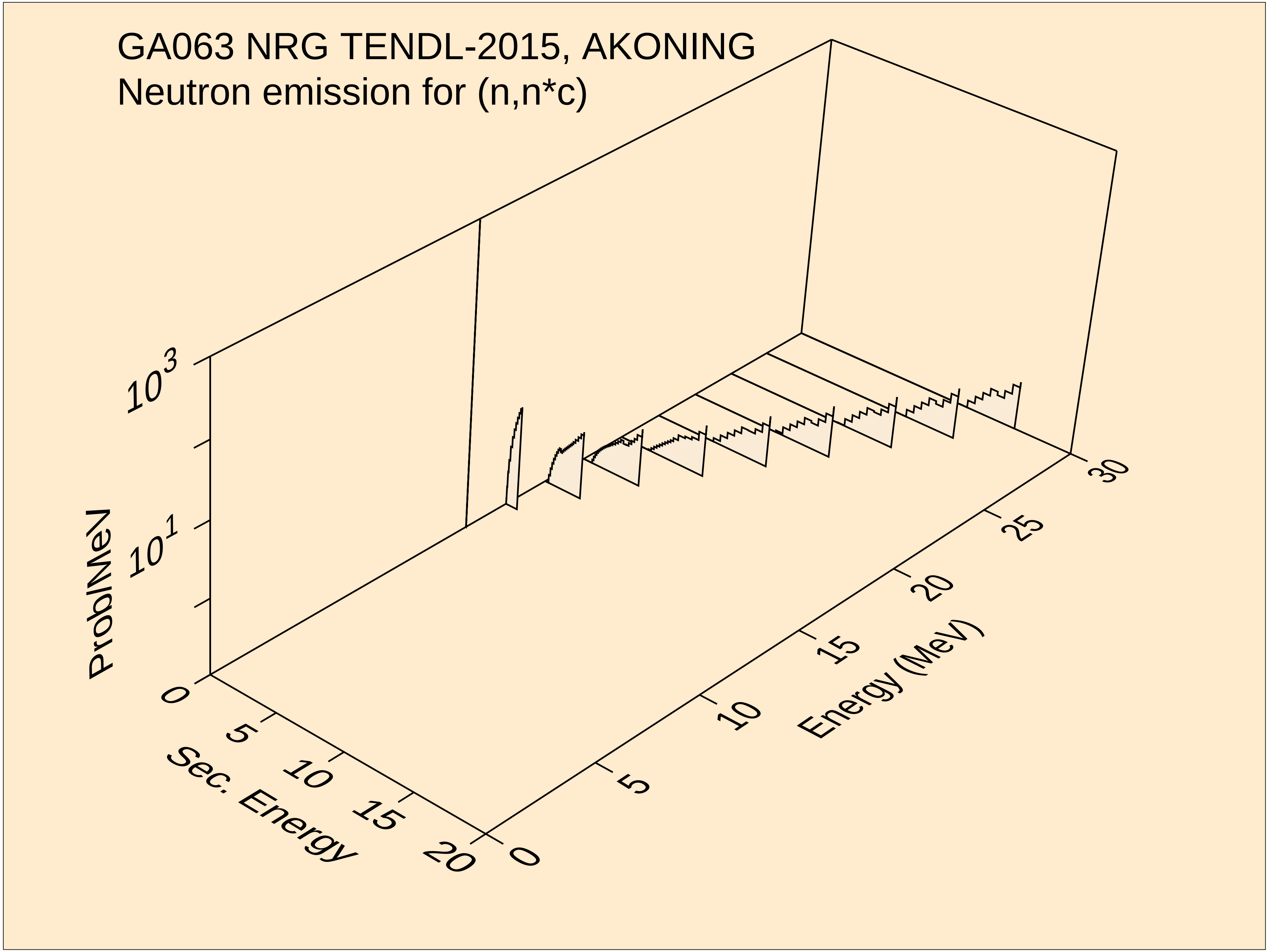

GA063 NRG TENDL-2015, AKONING
Neutron emission for (n,3np)
ProbMeV
10^{-1}
10^{-3}
0
1
2
3
Sec. Energy
26.0
26.5
27.0
27.5
28.0
28.5
29.0
29.5
30.0
Energy (MeV)



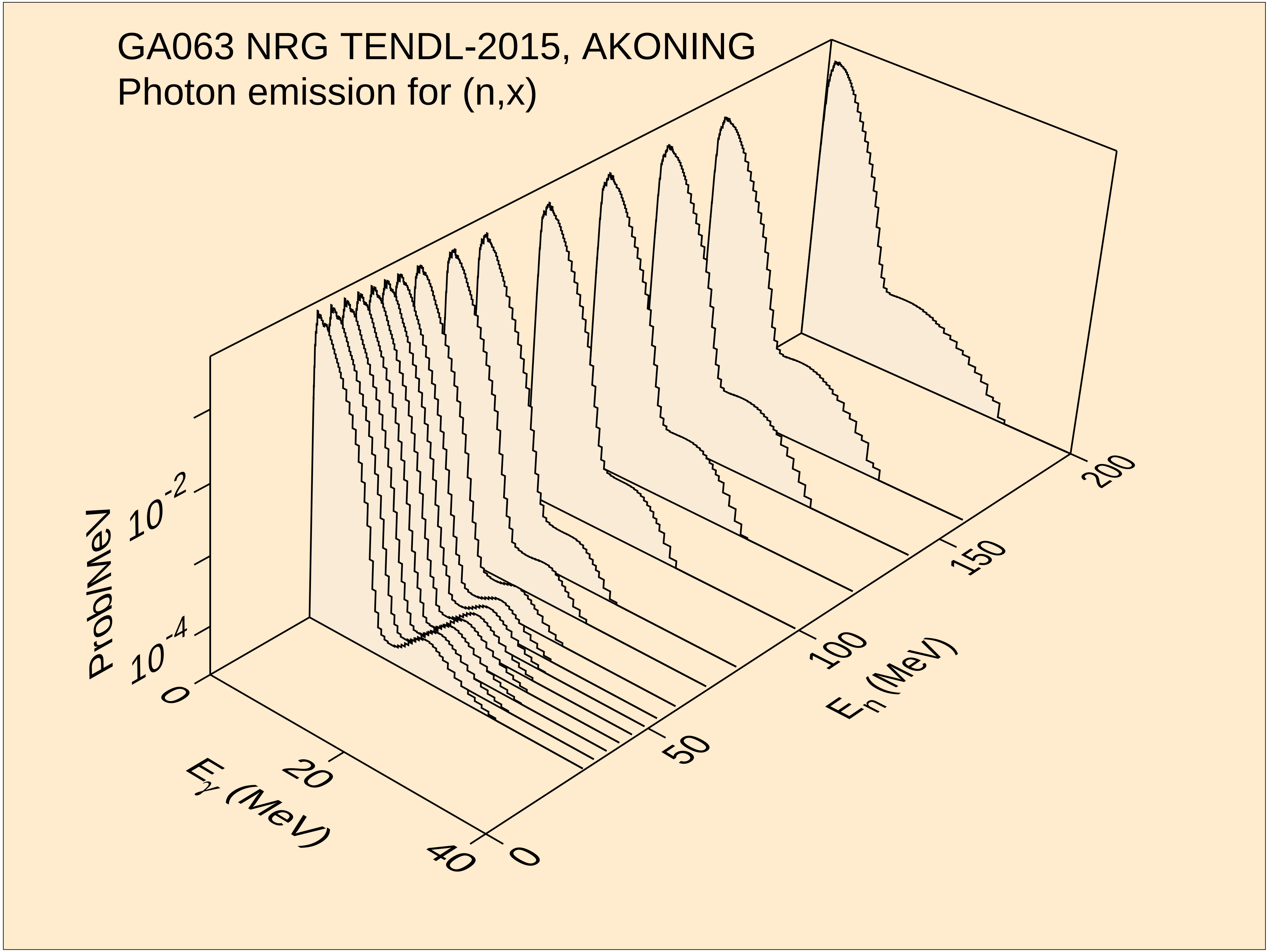
GA063 NRG TENDL-2015, AKONING
Neutron emission for (n,2np)
ProbMeV
10^{-1}
10^{-3}
Sec. Energy
0
5
10
15
20
Energy (MeV)
5
10
15
20
25
30



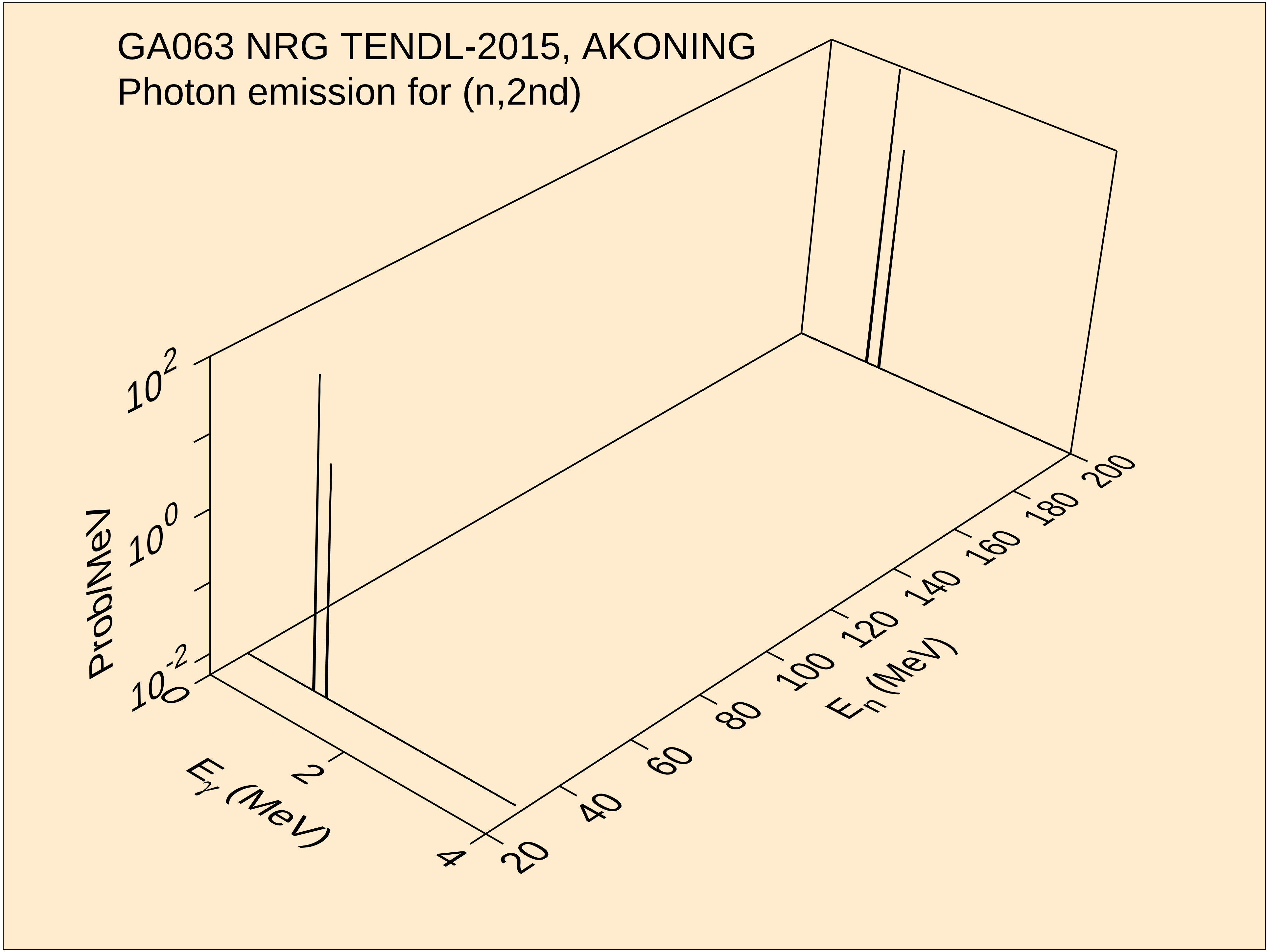
GA063 NRG TENDL-2015, AKONING
Neutron emission for (n,npa)
ProbMeV
10^{1}
10^{-1}
0
5
10
15
20
Sec. Energy
5
10
15
20
25
30
Energy (MeV)

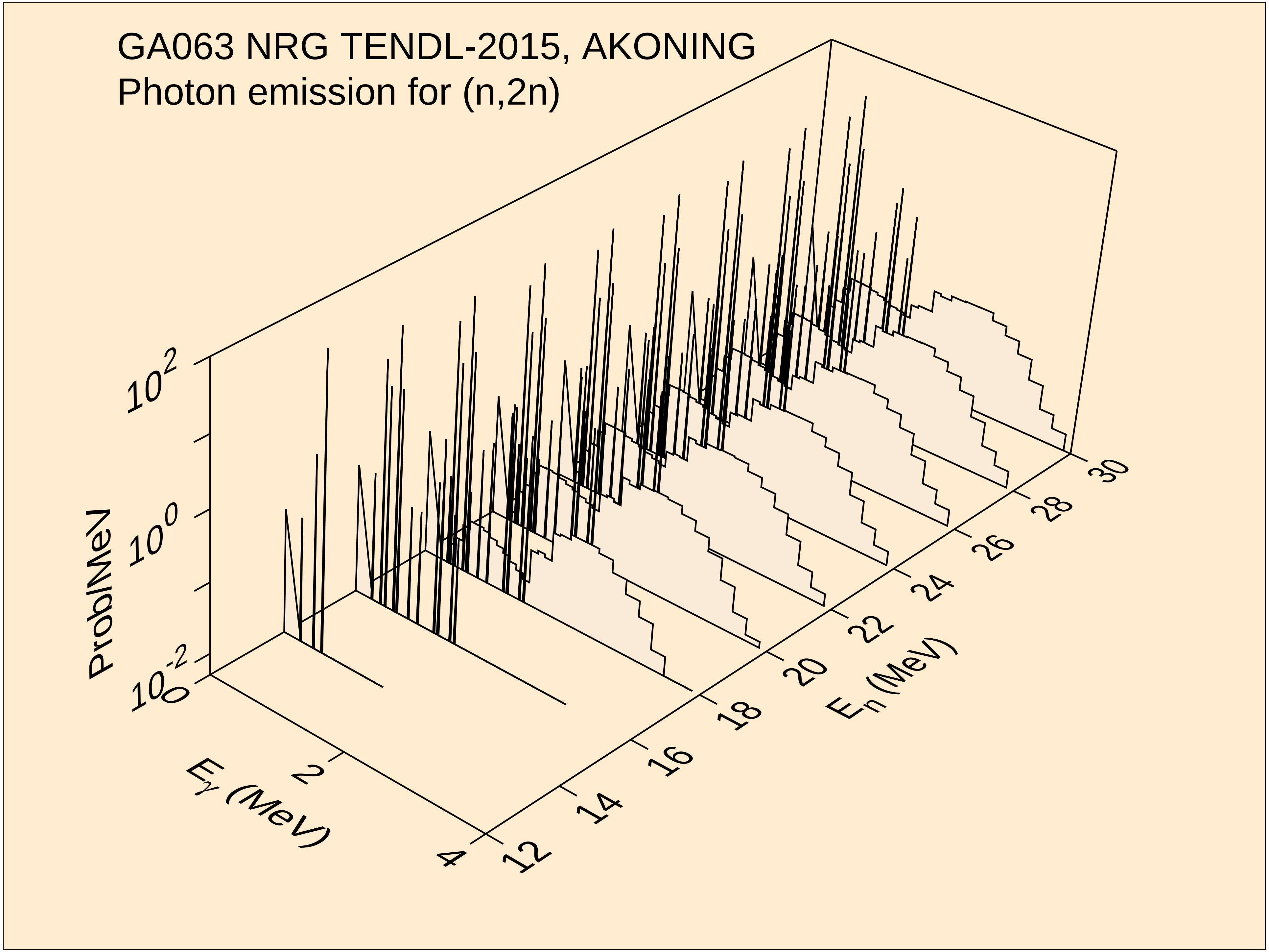


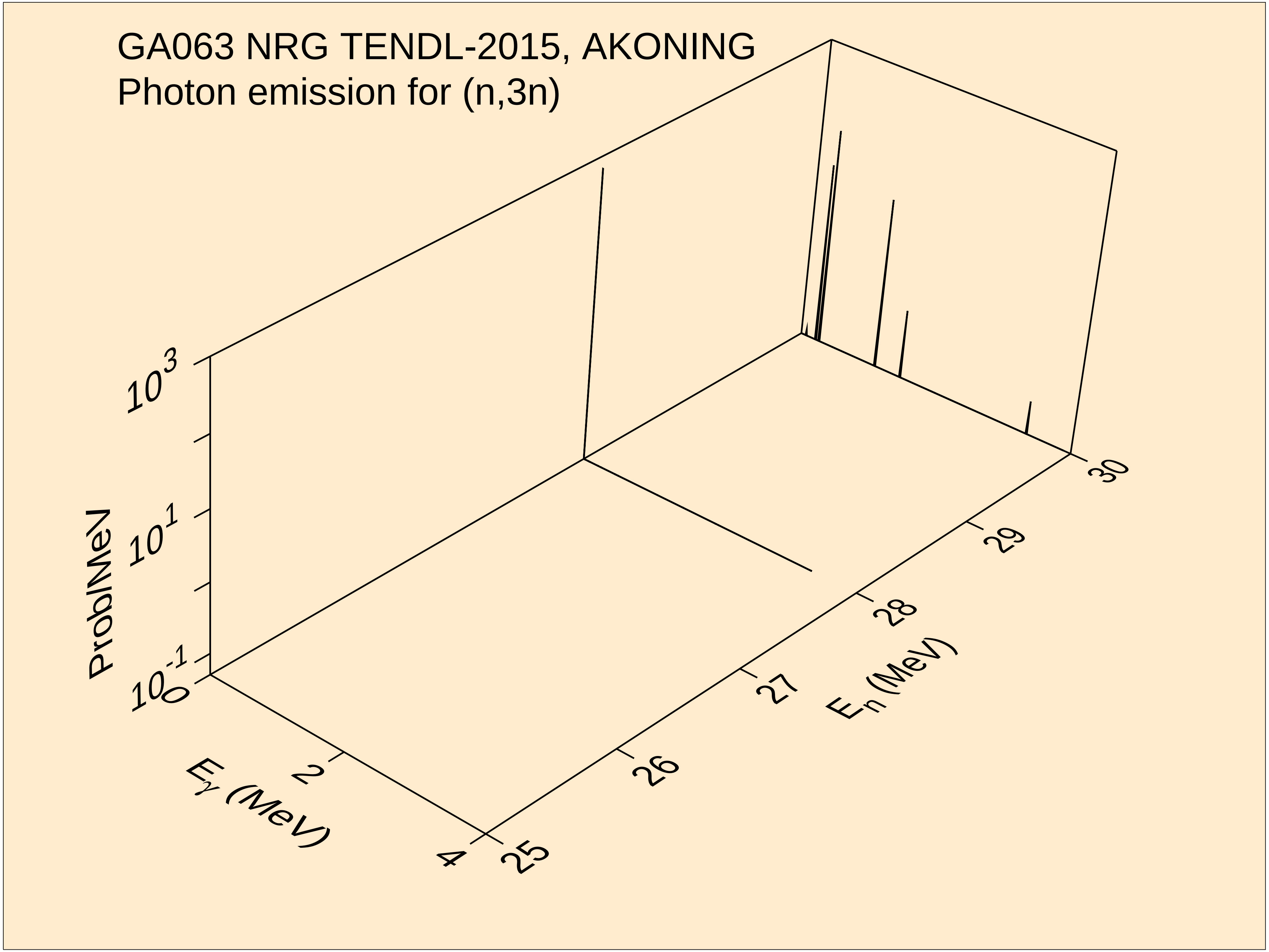
GA063 NRG TENDL-2015, AKONING
Neutron emission for (n,n*c)
ProblMeV
10^3
10^1
0
5
10
15
20
Sec. Energy
0
5
10
15
20
25
30
Energy (MeV)

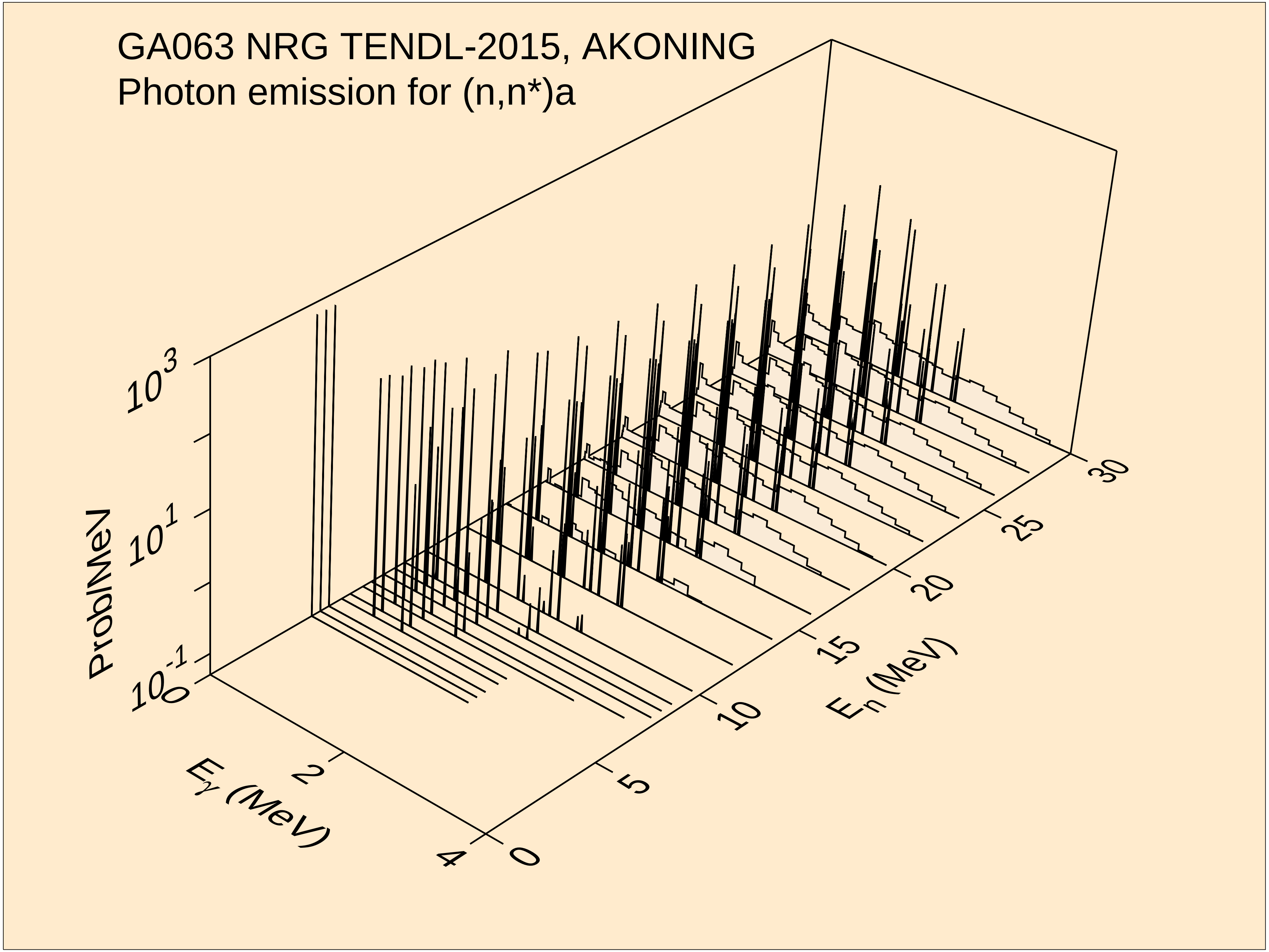


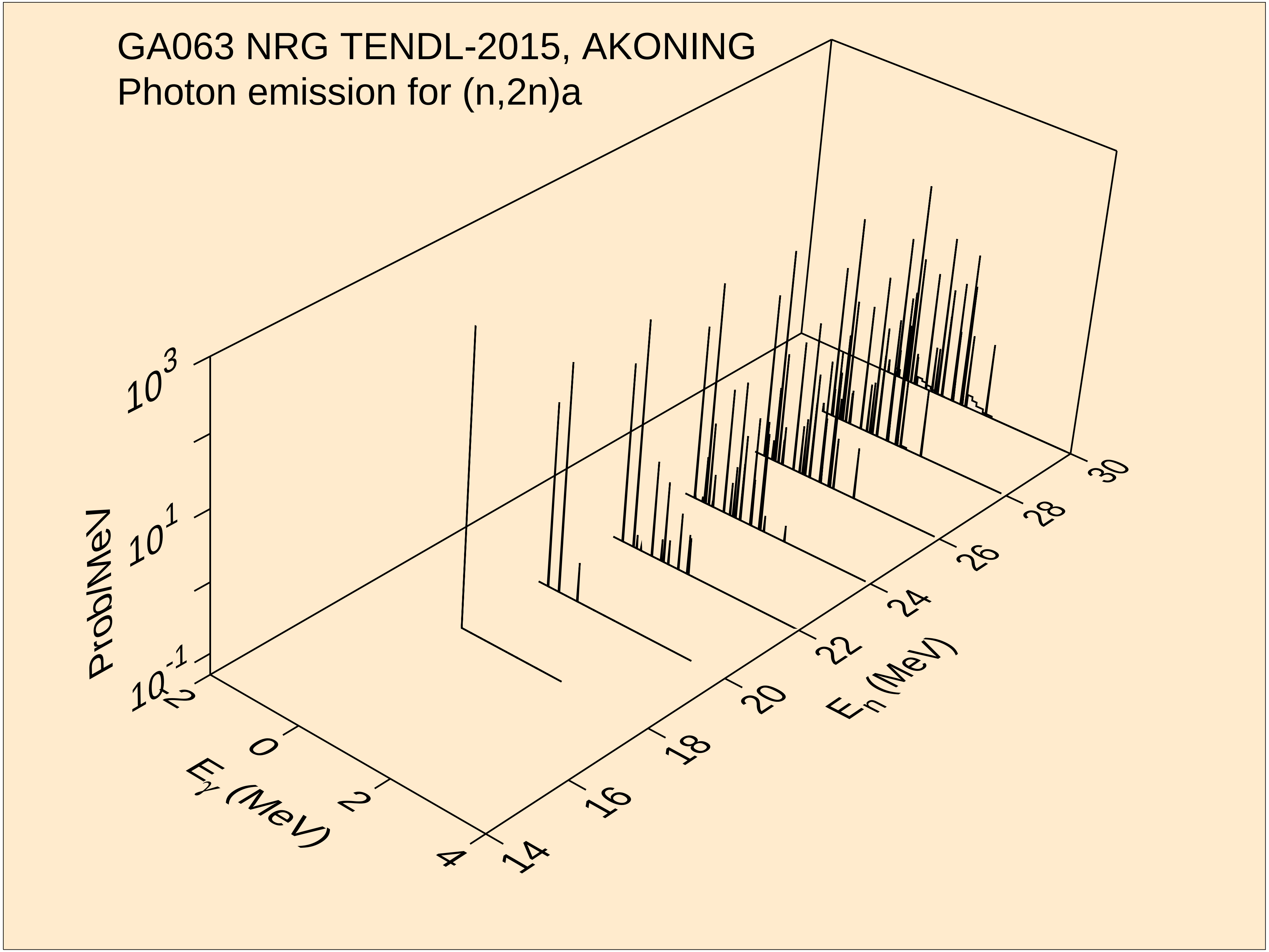
GA063 NRG TENDL-2015, AKONING
Photon emission for (n,x)
ProbMeV
10^{-2}
10^{-4}
0
20
40
E_γ (MeV)
0
50
100
150
200
E_n (MeV)

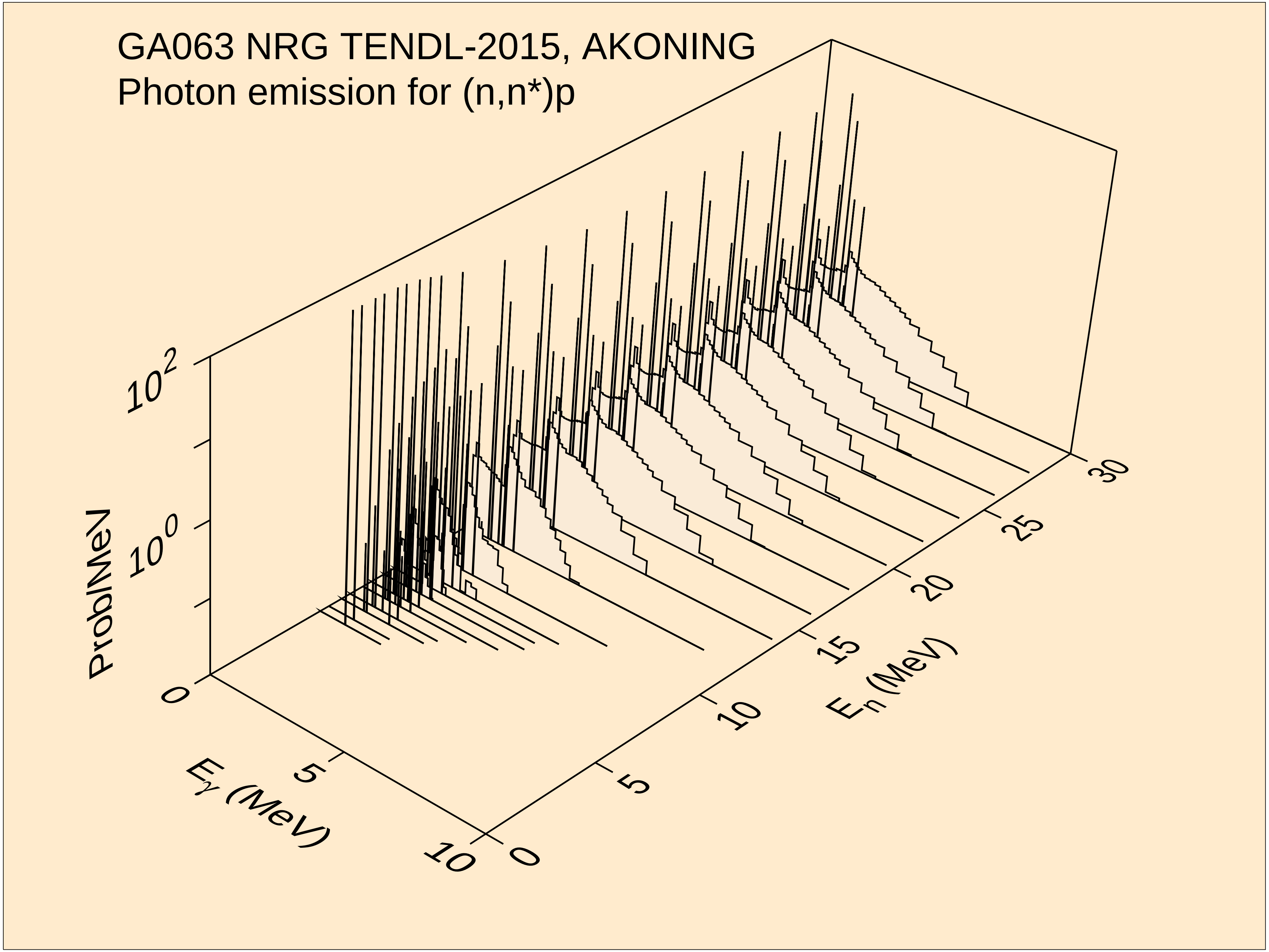

GA063 NRG TENDL-2015, AKONING
Photon emission for (n,2nd)
ProbMeV
10^{2}
10^{0}
10^{-2}
E_γ (MeV)
0
2
4
E_n (MeV)
20
40
60
80
100
120
140
160
180
200

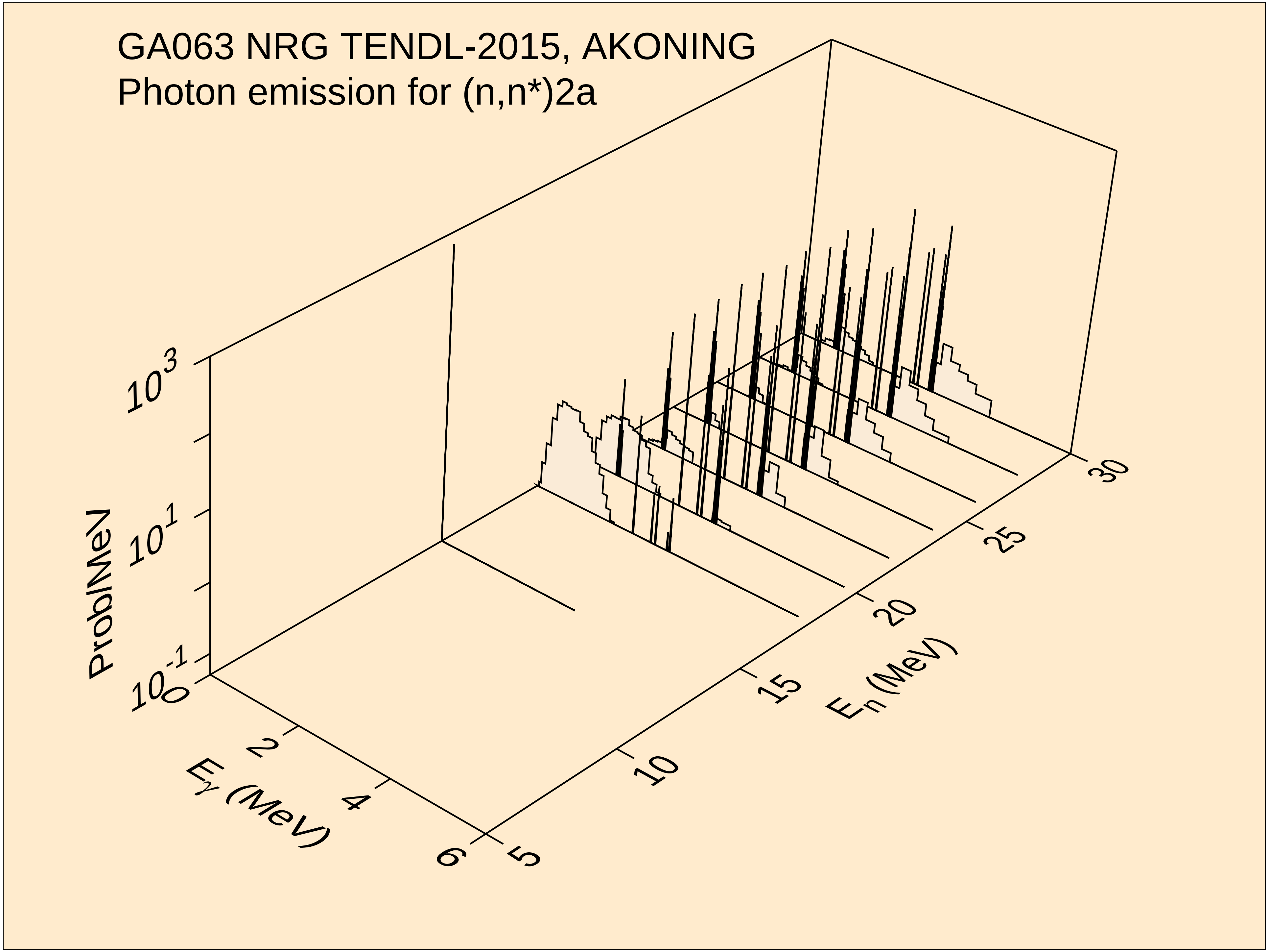

GA063 NRG TENDL-2015, AKONING
Photon emission for (n,2n)
ProblMeV
10^{2}
10^{0}
10^{-2}
E_{γ} (MeV)
0
2
4
E_{n} (MeV)
12
14
16
18
20
22
24
26
28
30

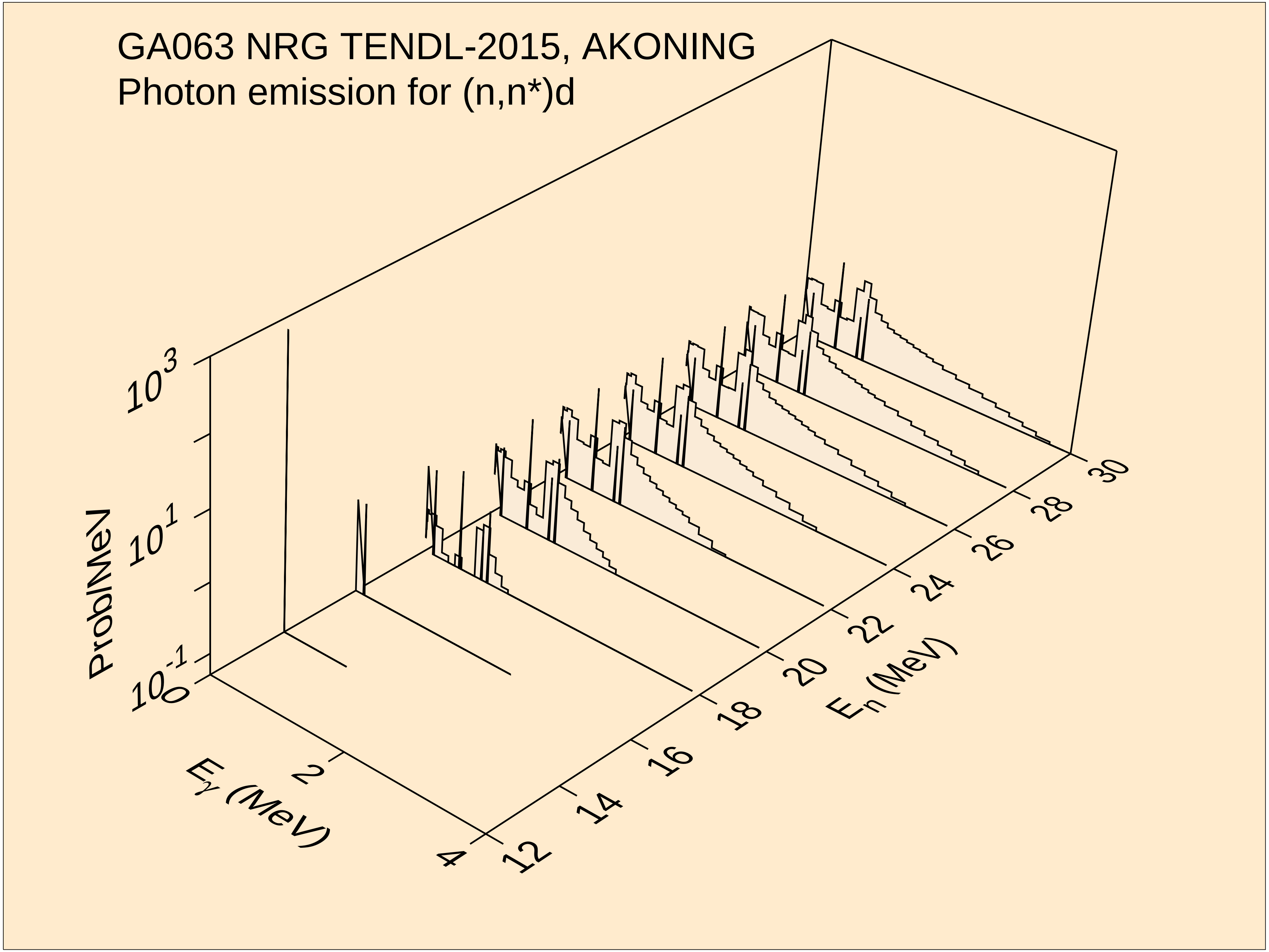

GA063 NRG TENDL-2015, AKONING
Photon emission for (n,3n)
ProbMeV
10^{3}
10^{1}
10^{-1}
E_{γ} (MeV)
0
2
4
E_{n} (MeV)
25
26
27
28
29
30


GA063 NRG TENDL-2015, AKONING
Photon emission for (n,n*)a
ProblMeV
10^{3}
10^{1}
10^{-1}
E_γ (MeV)
0
2
4
E_n (MeV)
0
5
10
15
20
25
30

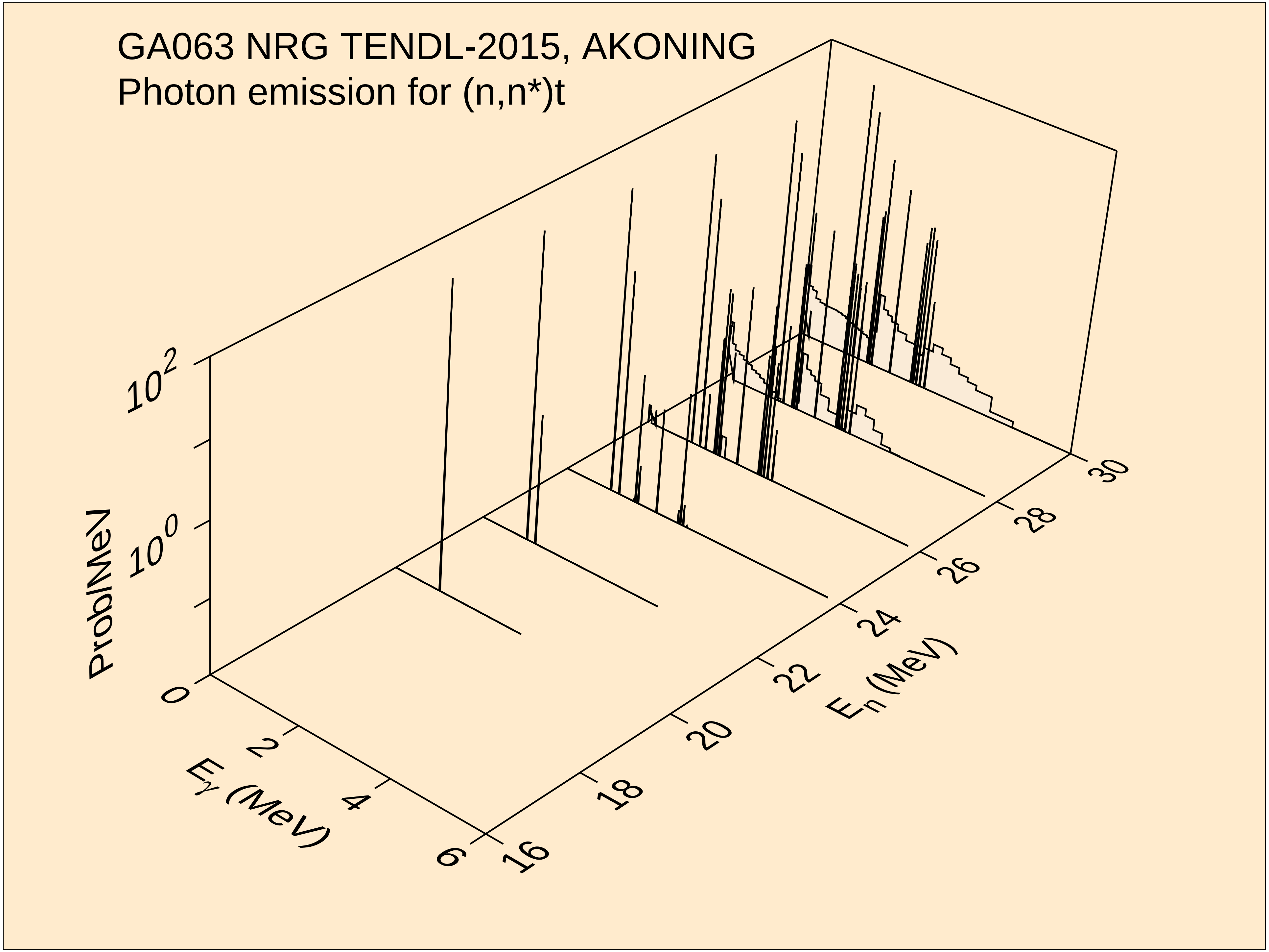

GA063 NRG TENDL-2015, AKONING
Photon emission for (n,2n)a
ProblMeV
10^3
10^1
10^-1
-2
0
2
4
Eγ (MeV)
14
16
18
20
22
24
26
28
30
En (MeV)

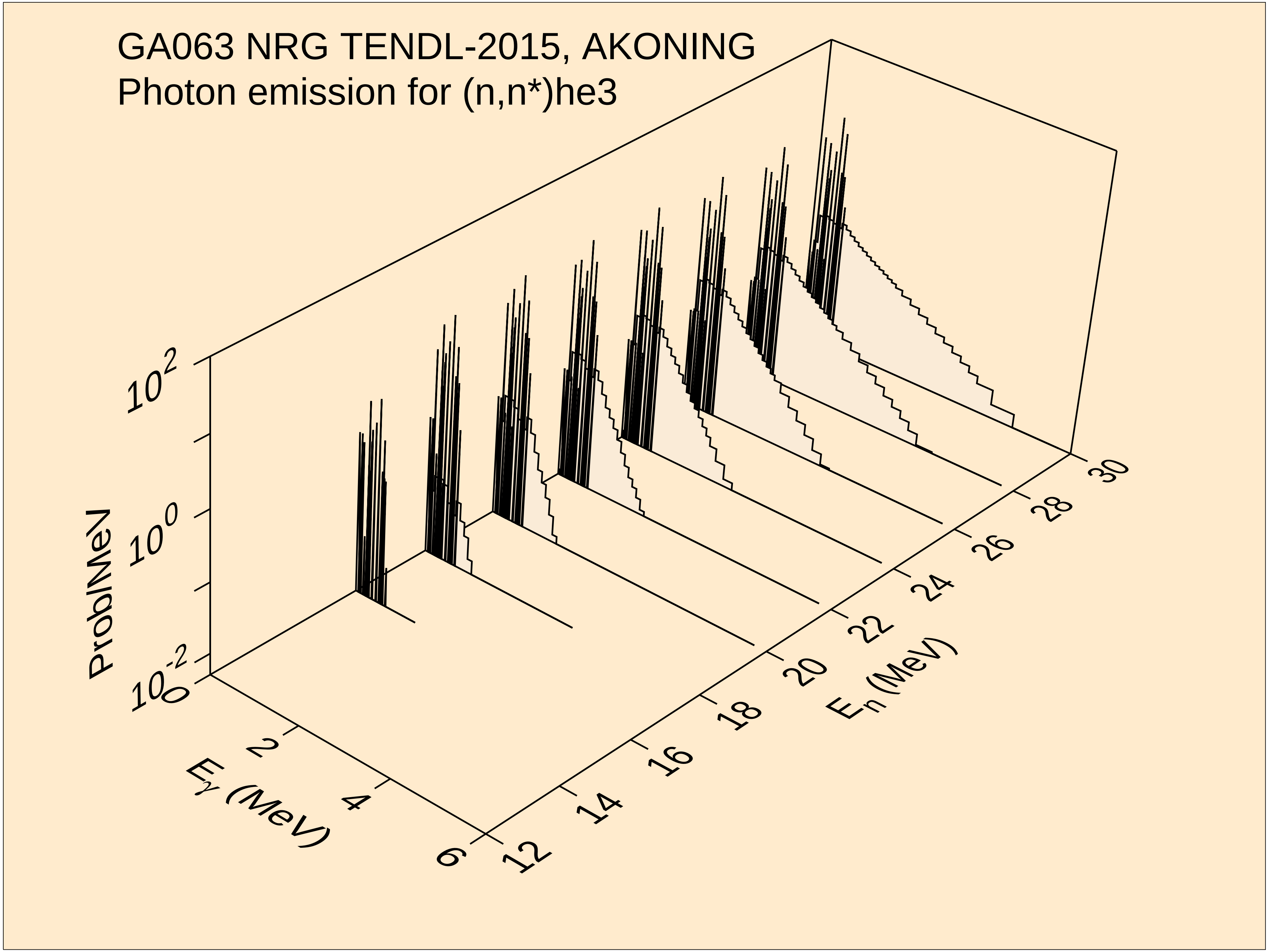

GA063 NRG TENDL-2015, AKONING
Photon emission for (n,n*)p
ProbMeV
10^2
10^0
0
5
10
Eγ (MeV)
En (MeV)
0
5
10
15
20
25
30


GA063 NRG TENDL-2015, AKONING
Photon emission for (n,n*)2a
ProbMeV
10^{3}
10^{1}
10^{-1}
0
2
4
6
E_γ (MeV)
5
10
15
20
25
30
E_n (MeV)

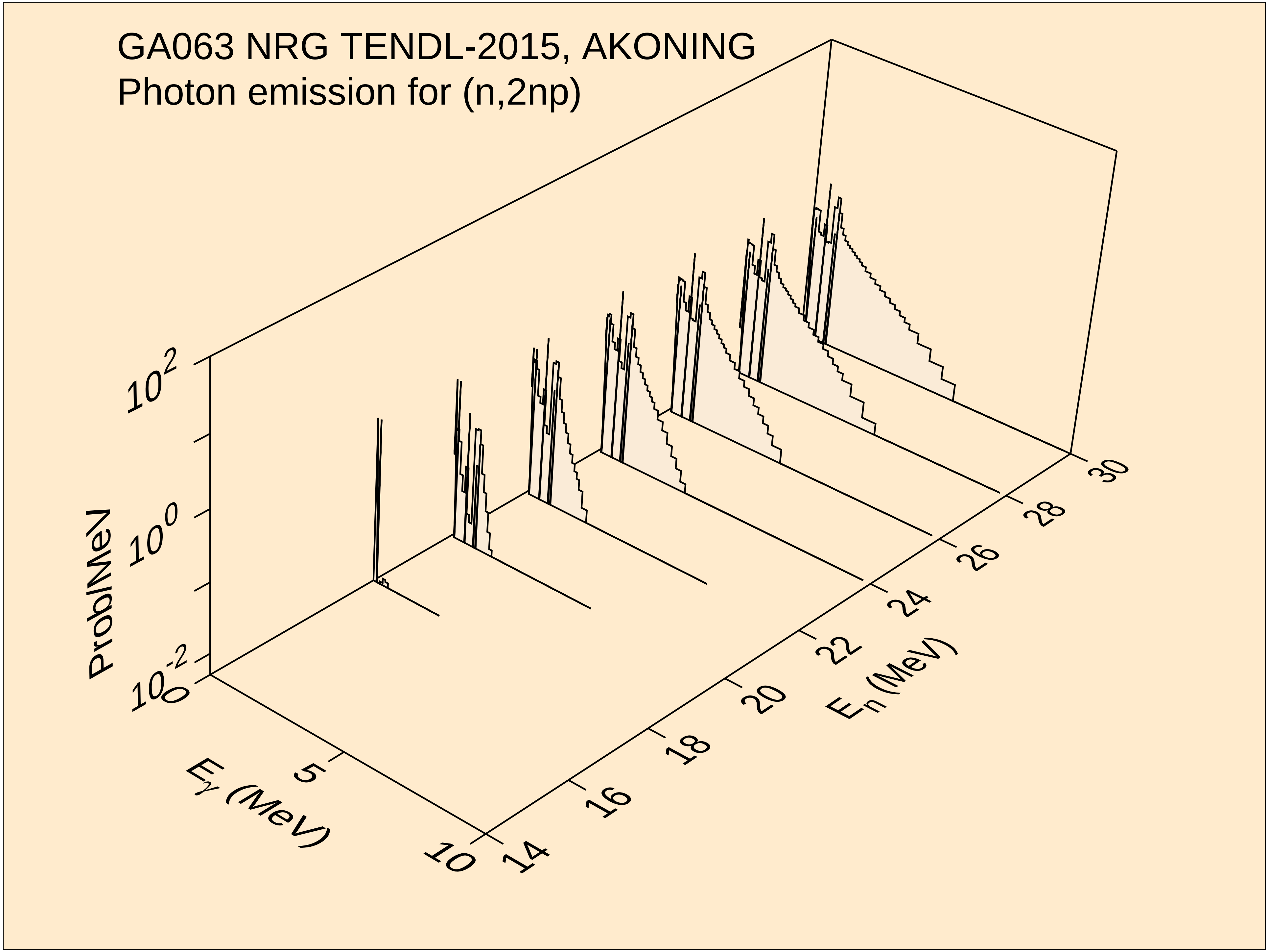


GA063 NRG TENDL-2015, AKONING
Photon emission for (n,n*)d
ProblMeV
10^{3}
10^{1}
10^{-1}
0
2
4
E_γ (MeV)
12
14
16
18
20
22
24
26
28
30
E_n (MeV)

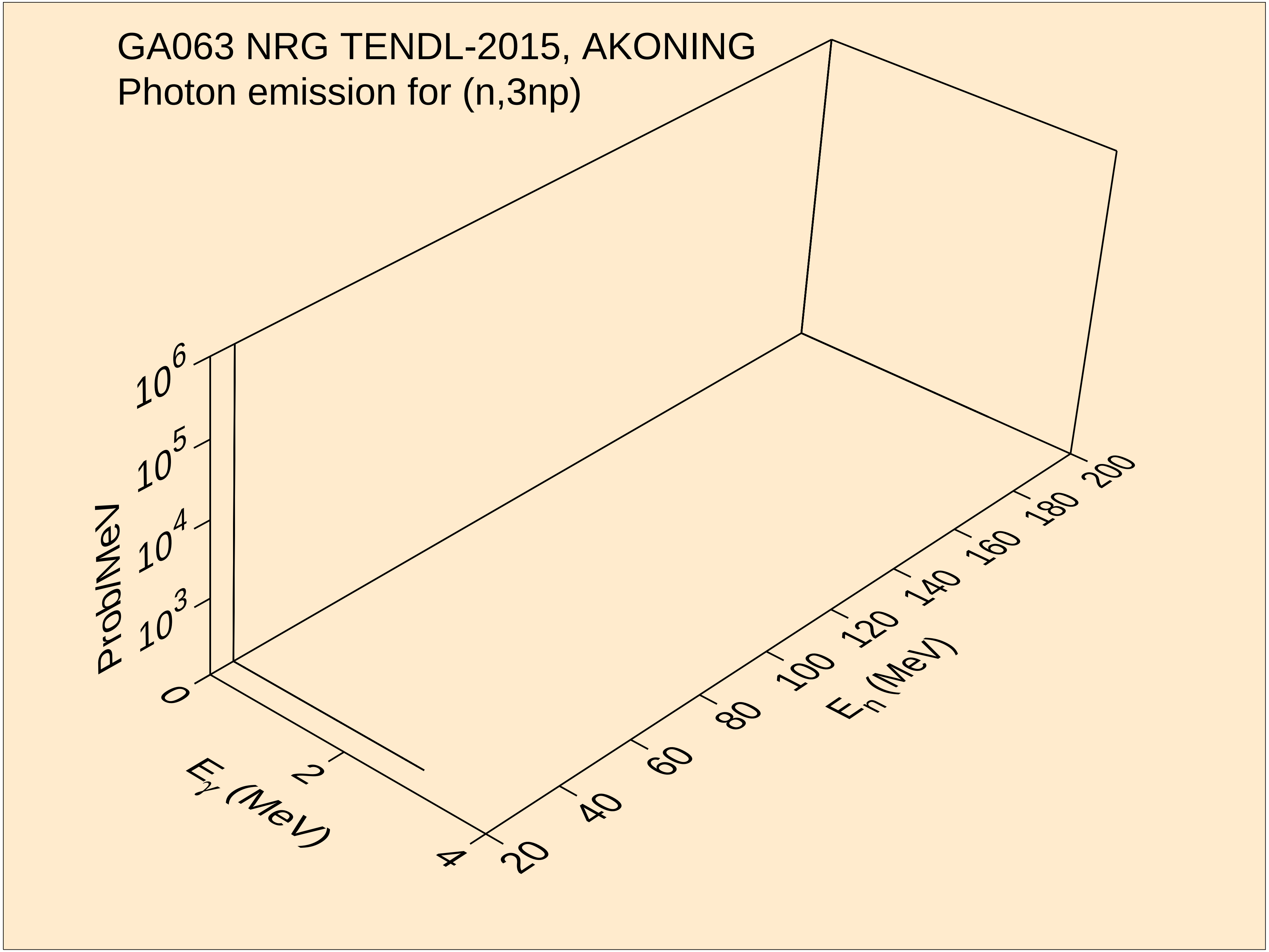

GA063 NRG TENDL-2015, AKONING
Photon emission for (n,n*)t
ProblMeV
10^2
10^0
0
2
4
6
E_γ (MeV)
16
18
20
22
24
26
28
30
E_n (MeV)

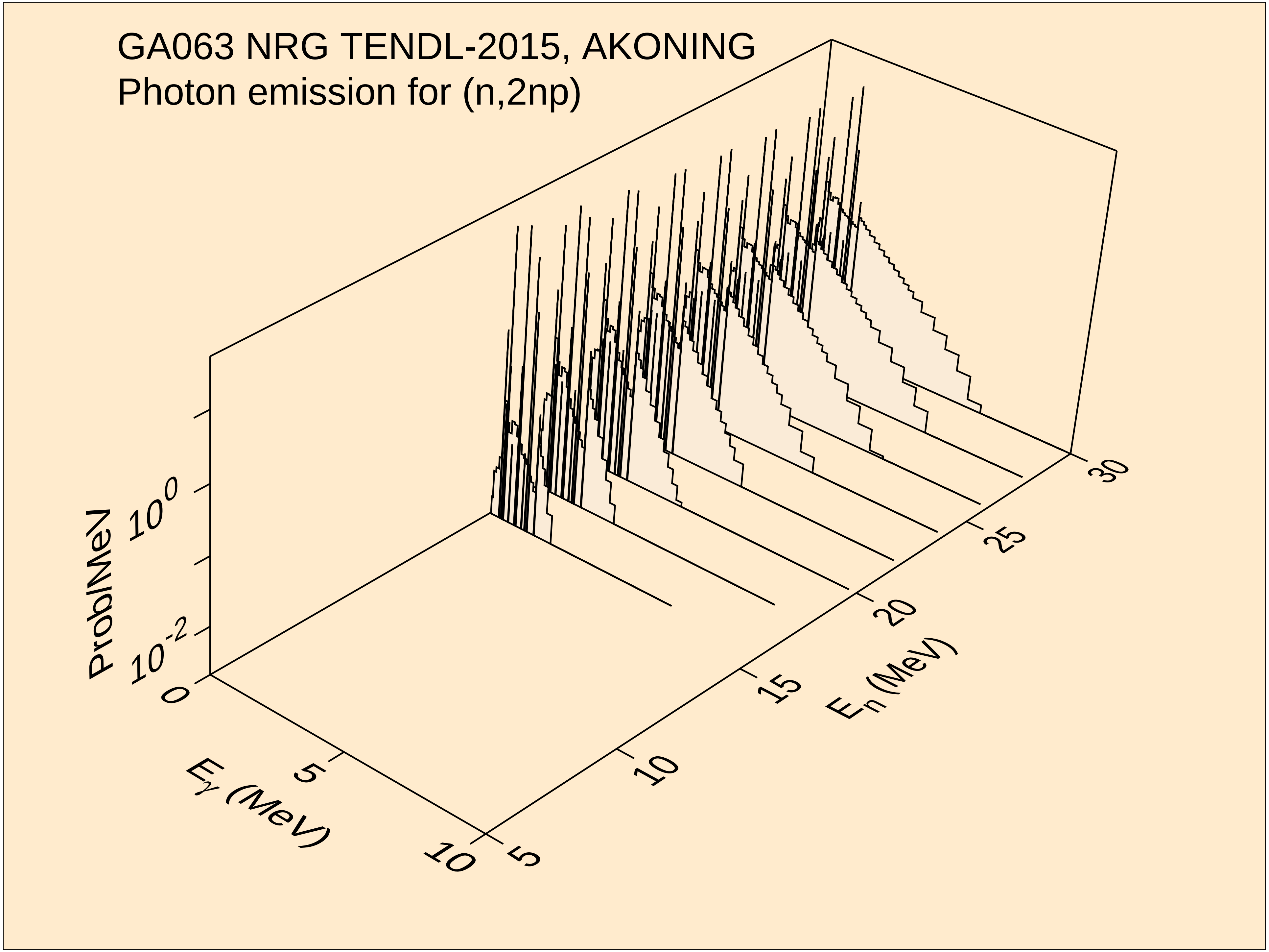


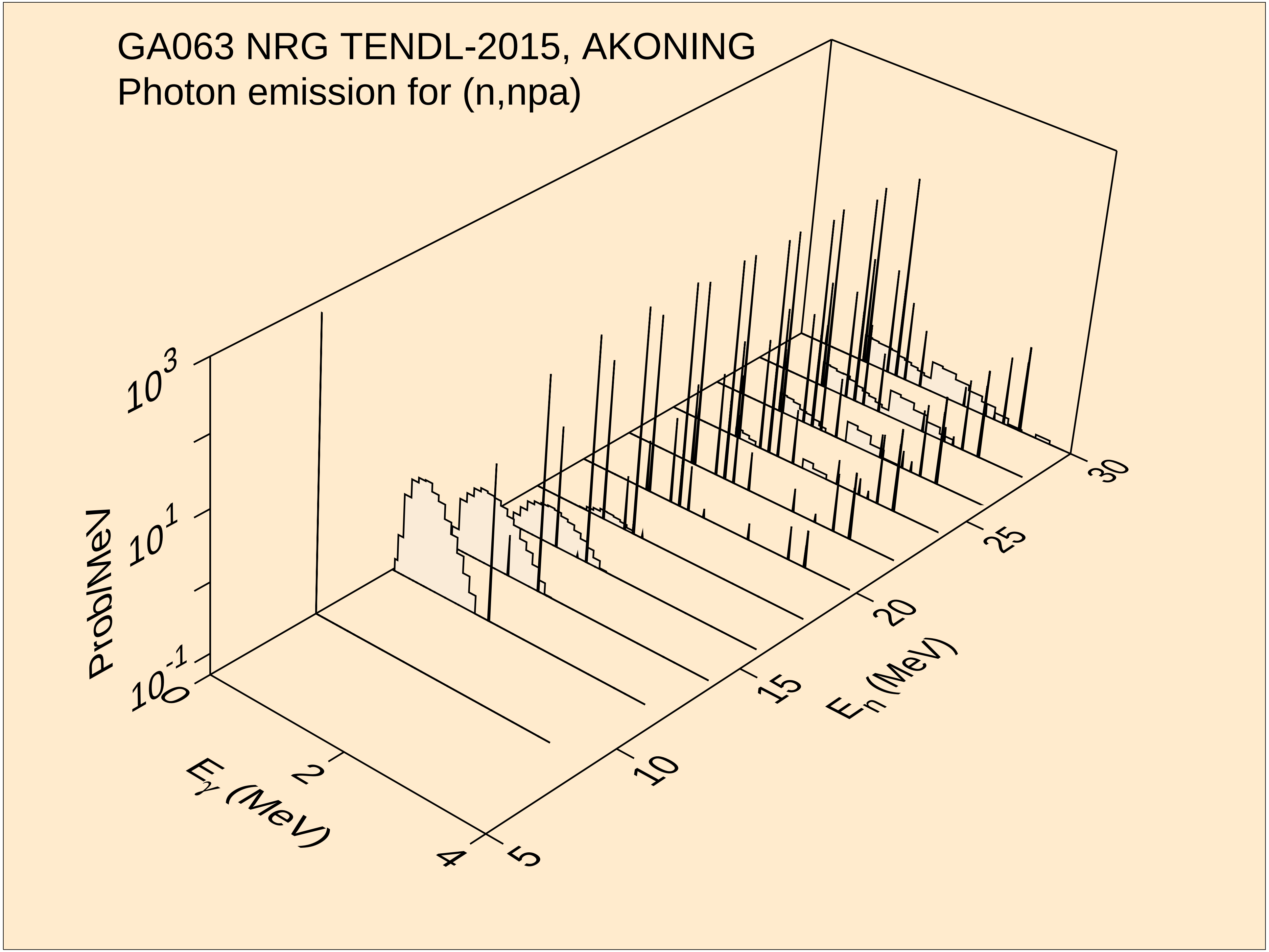
GA063 NRG TENDL-2015, AKONING
Photon emission for (n,n*)he3
ProbIMeV
10^{2}
10^{0}
10^{-2}
0
2
4
6
E_γ (MeV)
12
14
16
18
20
22
24
26
28
30
E_n (MeV)



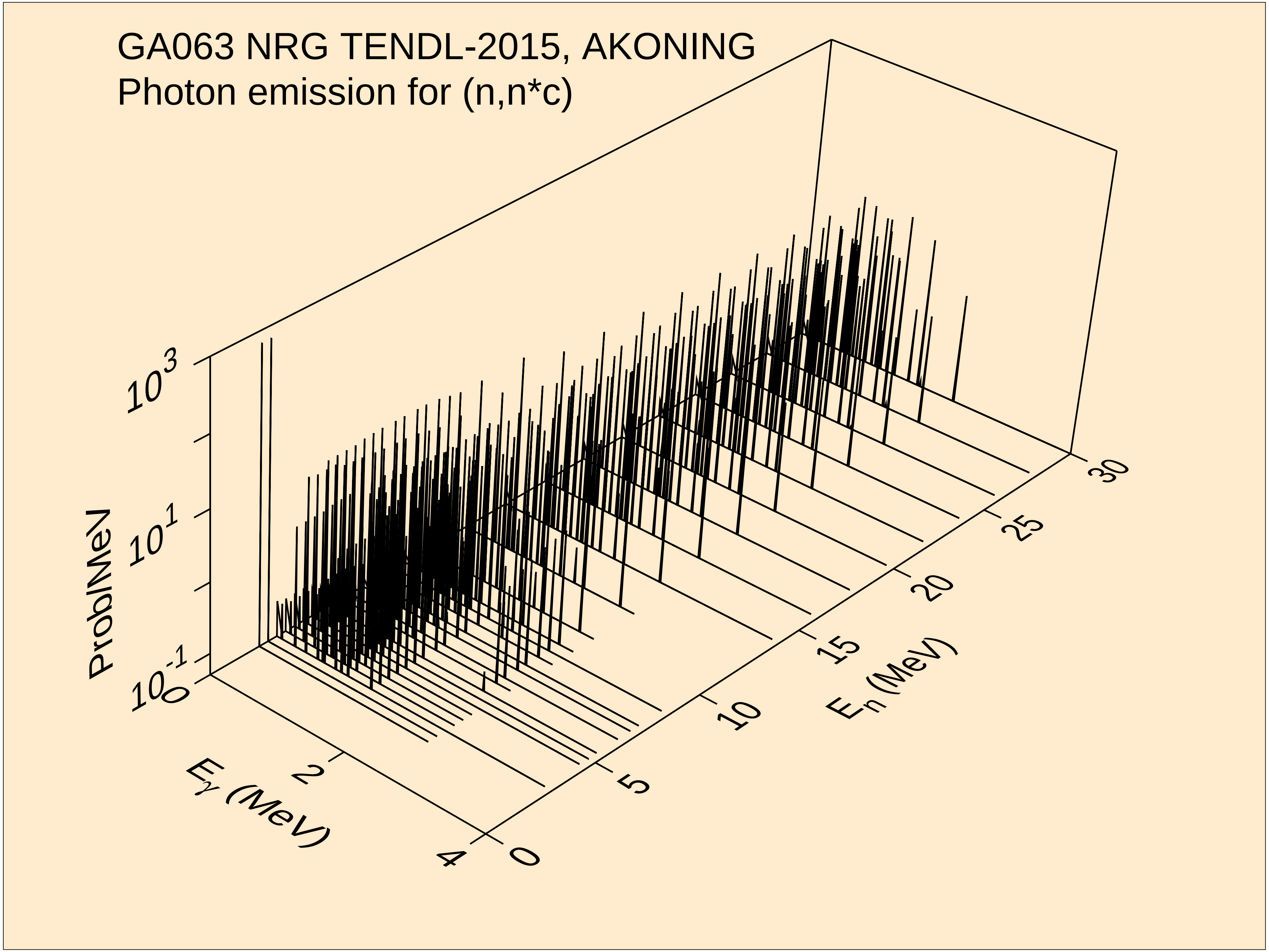
GA063 NRG TENDL-2015, AKONING
Photon emission for (n,2np)
ProbMeV
10^{2}
10^{0}
10^{-2}
0
5
10
E_{γ} (MeV)
14
16
18
20
22
24
26
28
30
E_{n} (MeV)


GA063 NRG TENDL-2015, AKONING
Photon emission for (n,3np)
ProbMeV
0
10^3
10^4
10^5
10^6
E_γ (MeV)
2
4
E_n (MeV)
20
40
60
80
100
120
140
160
180
200

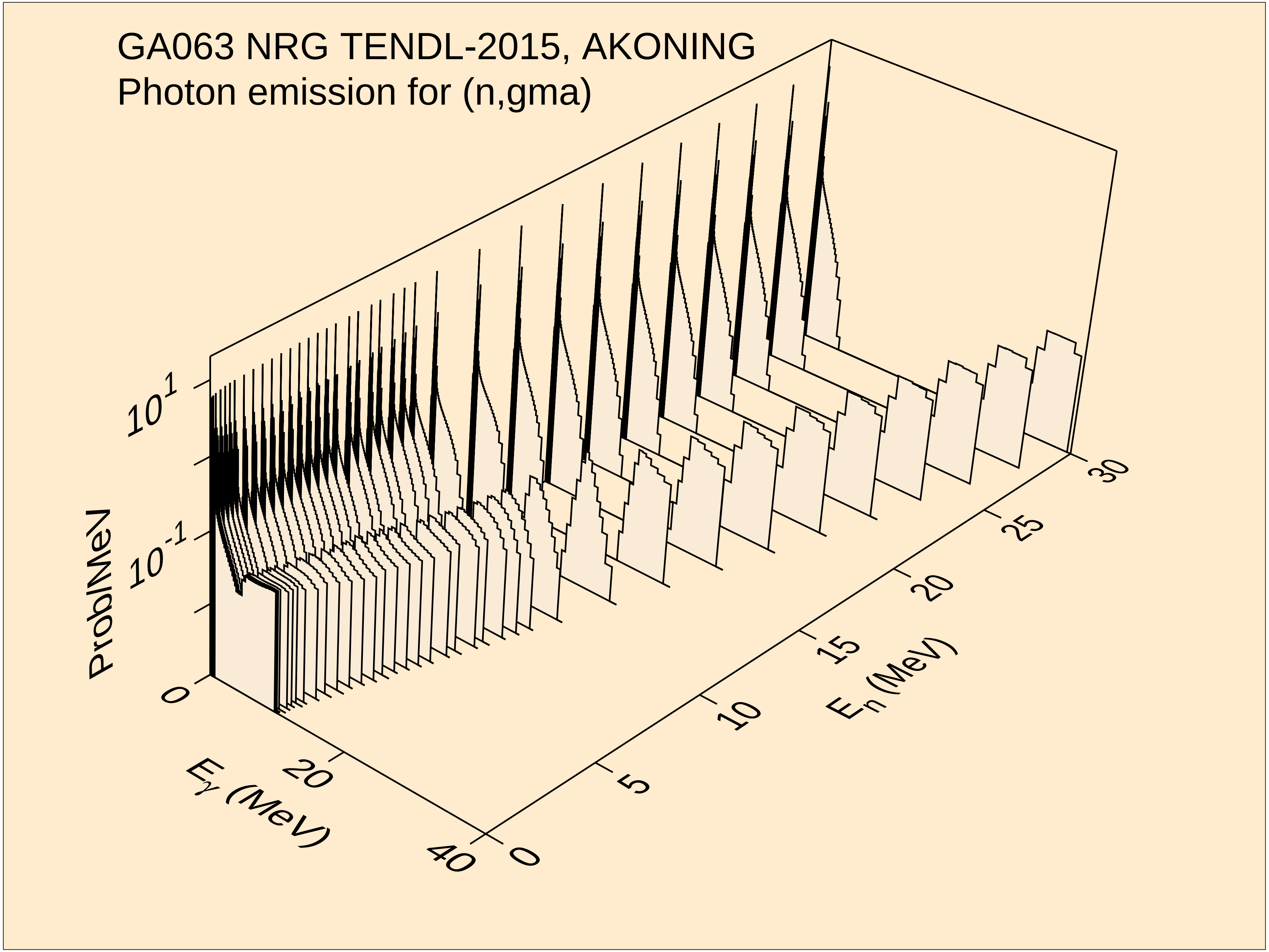

GA063 NRG TENDL-2015, AKONING
Photon emission for (n,2np)
ProbMeV
10^{0}
10^{-2}
0
5
10
E_γ (MeV)
5
10
15
20
25
30
E_n (MeV)

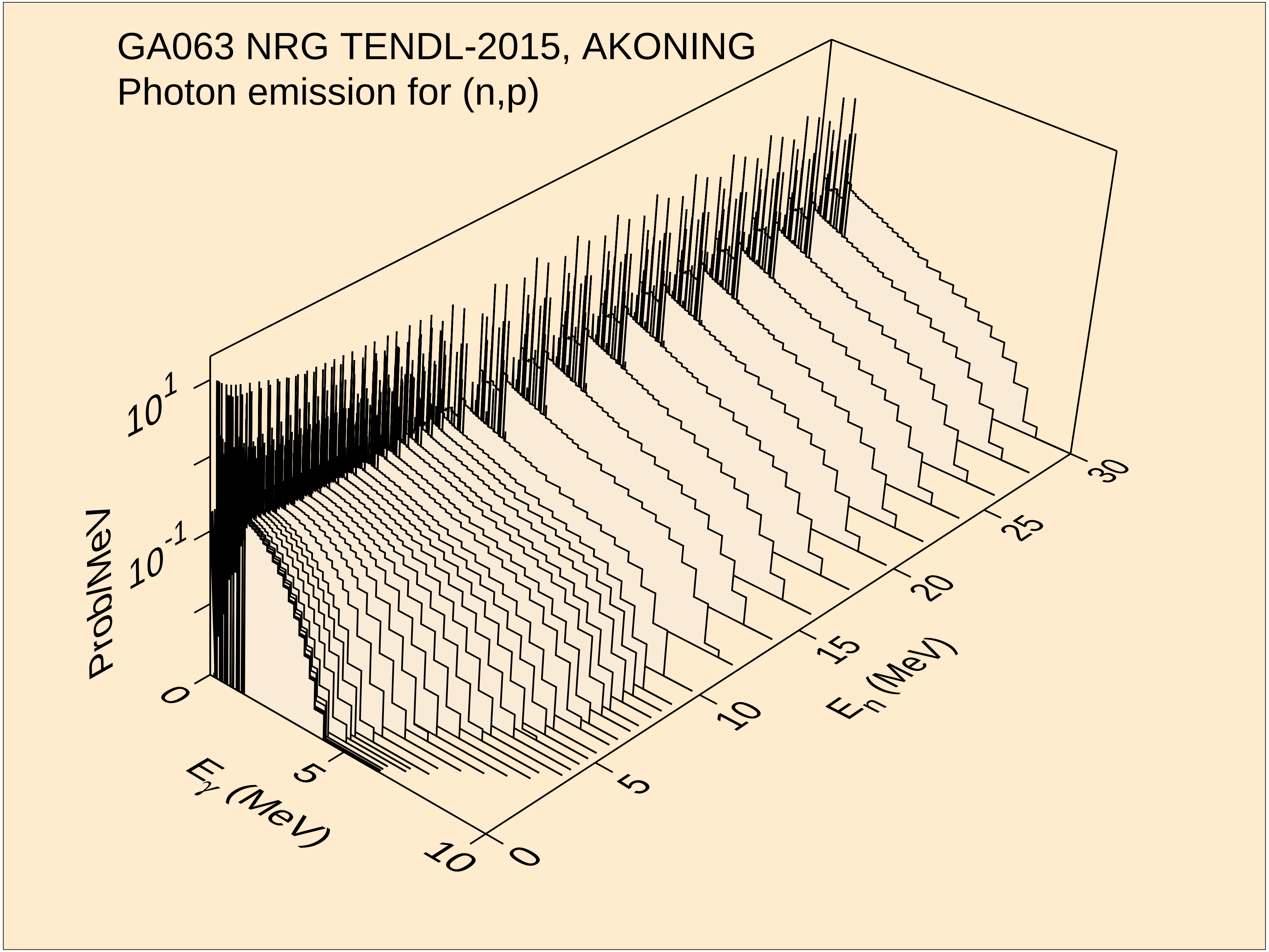


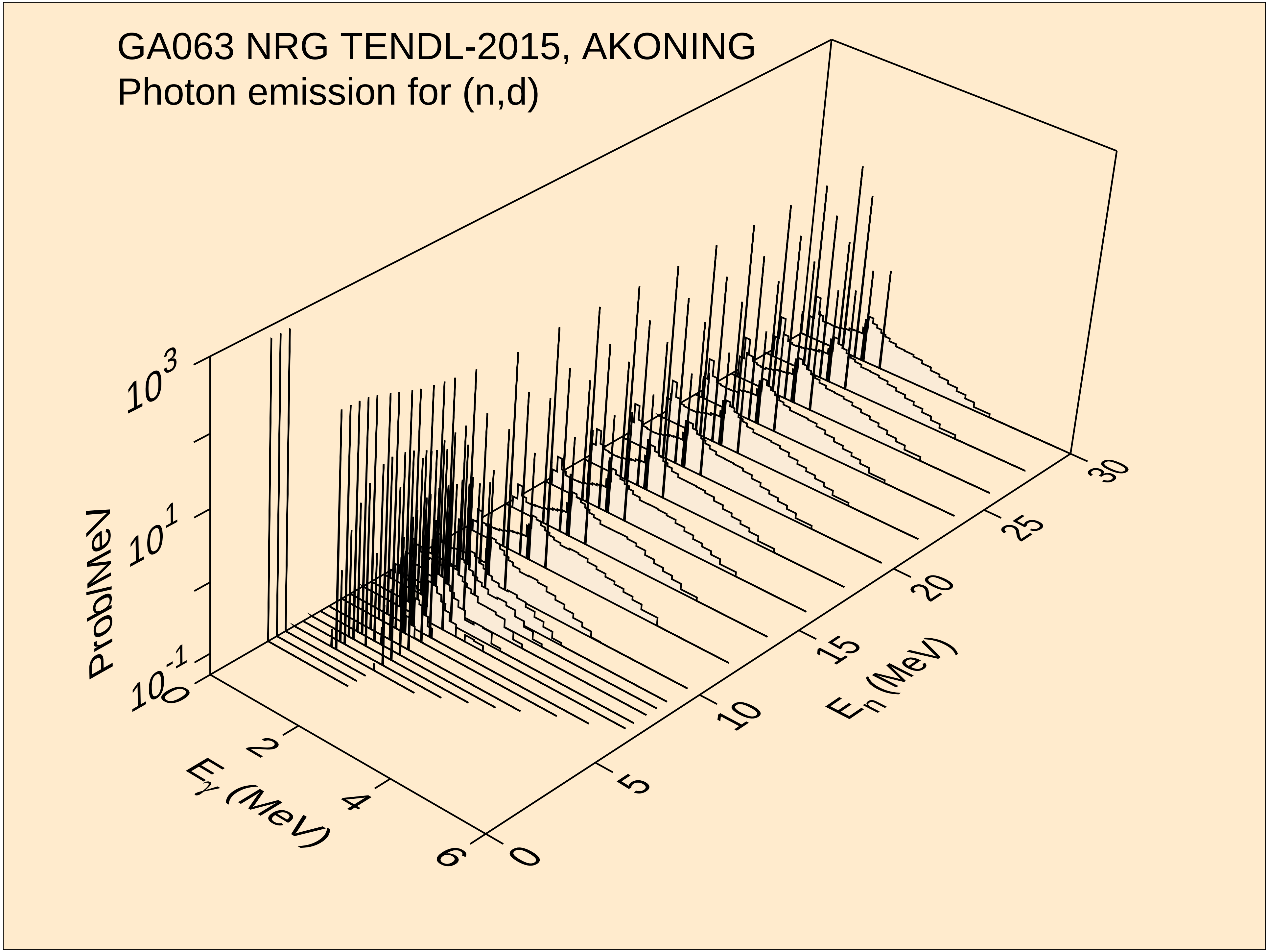
GA063 NRG TENDL-2015, AKONING
Photon emission for (n,npa)
ProbMeV
10^3
10^1
10^{-1}
0
2
4
E_γ (MeV)
5
10
15
20
25
30
E_n (MeV)



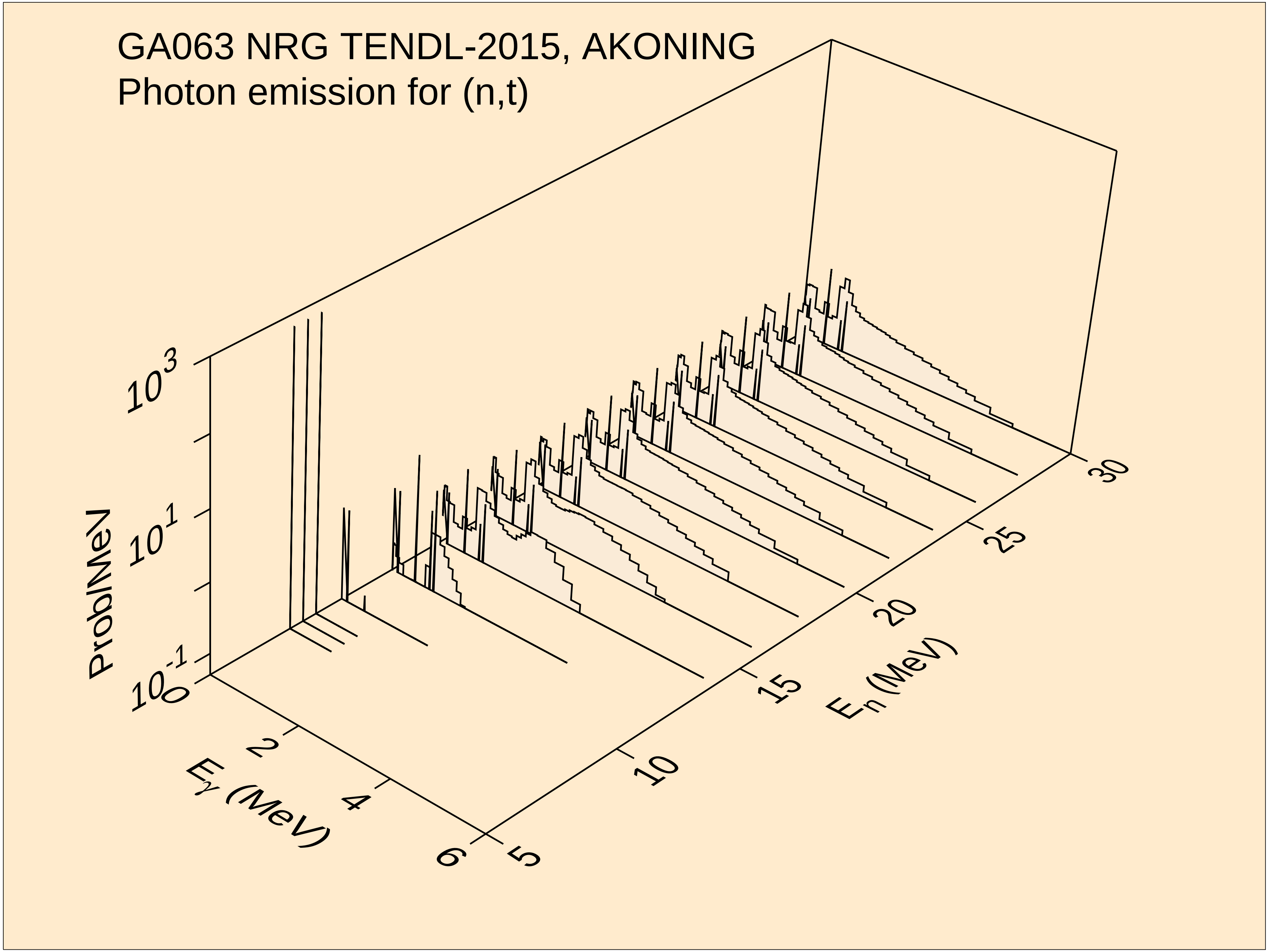
GA063 NRG TENDL-2015, AKONING
Photon emission for (n,n*c)
ProbMeV
10^{-1}
10^{1}
10^{3}
E_{γ} (MeV)
0
2
4
E_n (MeV)
0
5
10
15
20
25
30


GA063 NRG TENDL-2015, AKONING
Photon emission for (n,gma)
ProblMeV
10^{1}
10^{-1}
0
E_γ (MeV)
20
40
0
5
10
15
20
25
30
E_n (MeV)

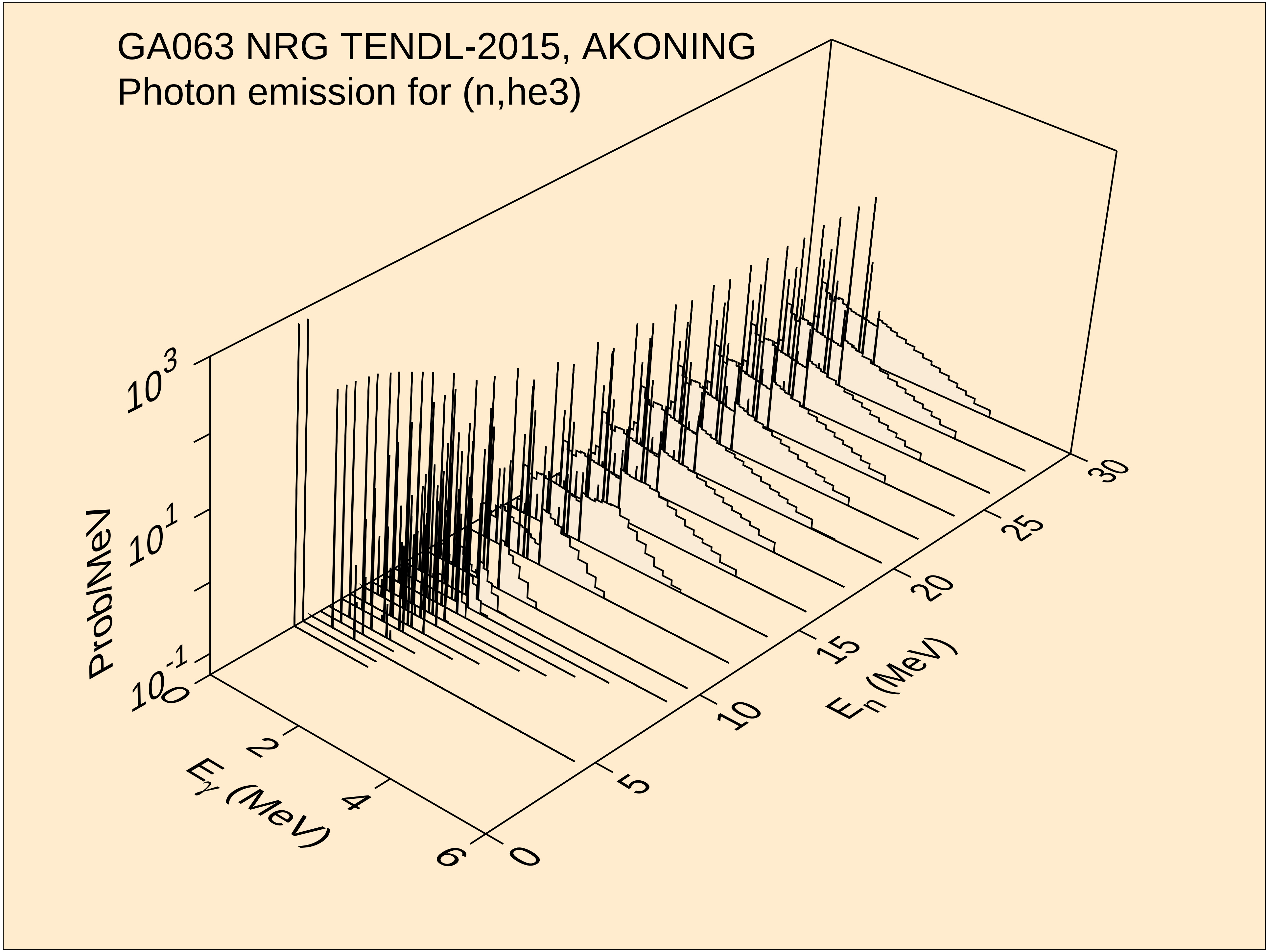

GA063 NRG TENDL-2015, AKONING
Photon emission for (n,p)
ProbMeV
10^{1}
10^{-1}
0
5
10
E_γ (MeV)
0
5
10
15
20
25
30
E_n (MeV)



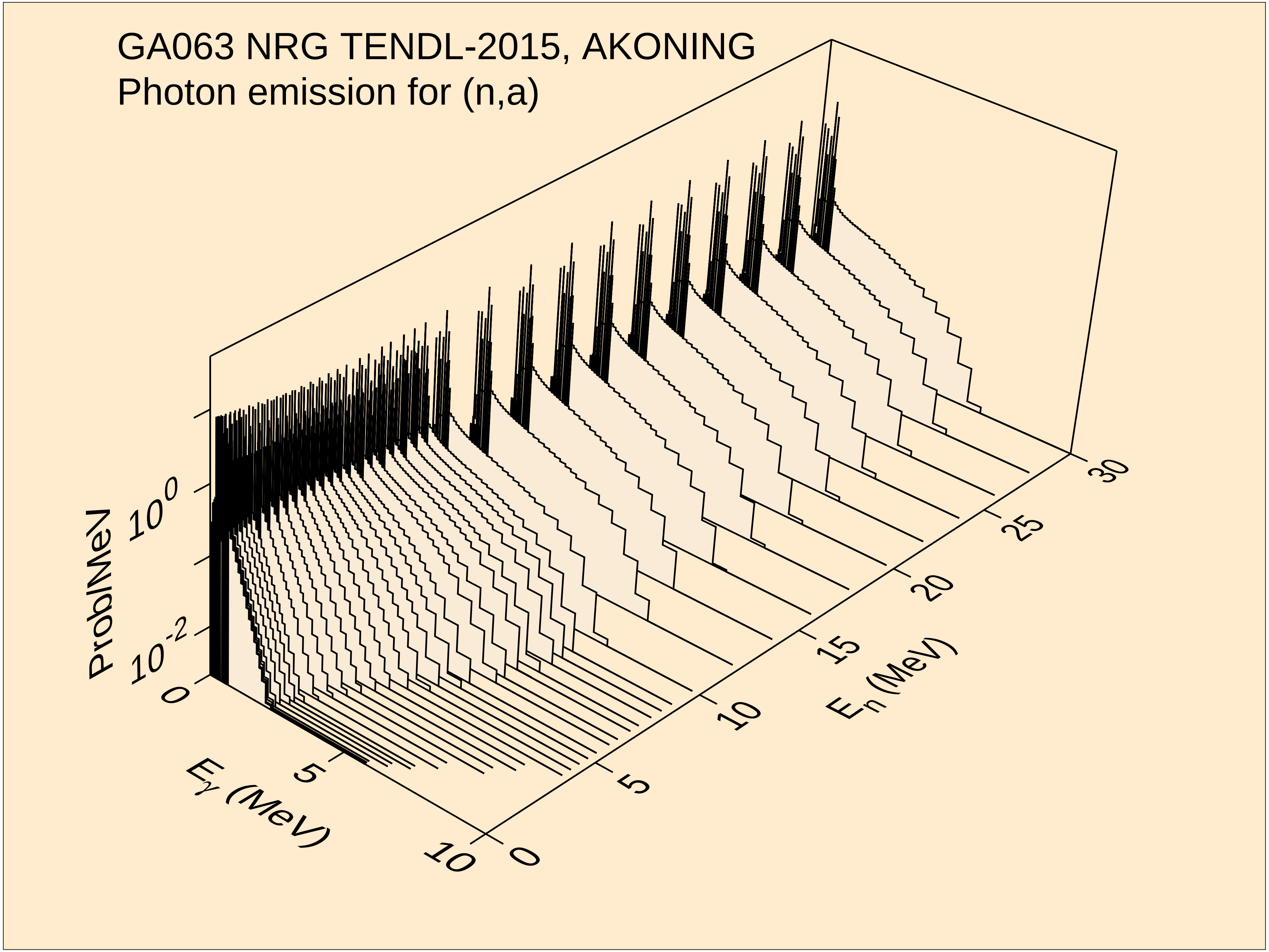
GA063 NRG TENDL-2015, AKONING
Photon emission for (n,d)
ProbMeV
10^{-1}
10^{1}
10^{3}
0
2
4
6
E_γ (MeV)
0
5
10
15
20
25
30
E_n (MeV)

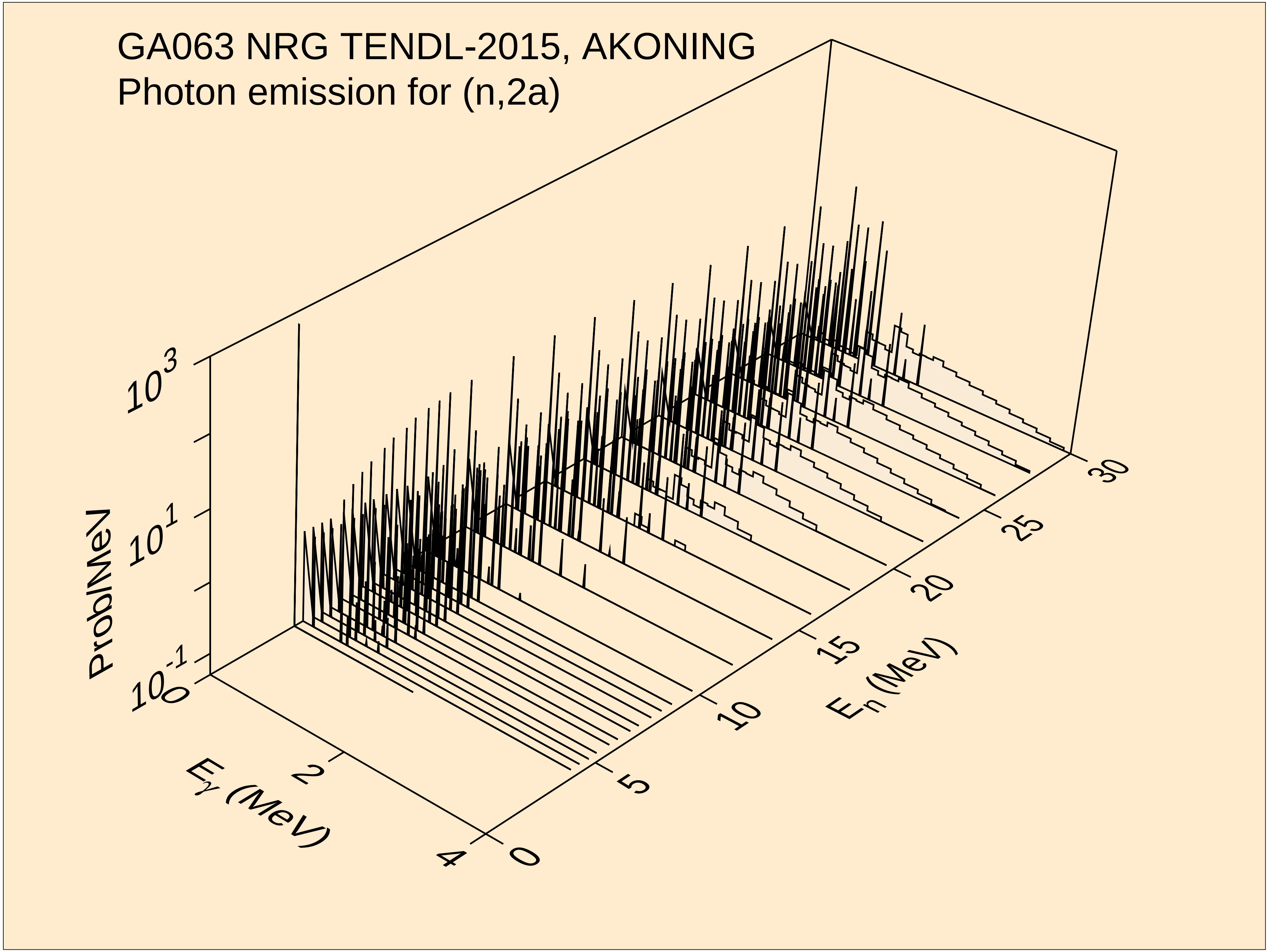


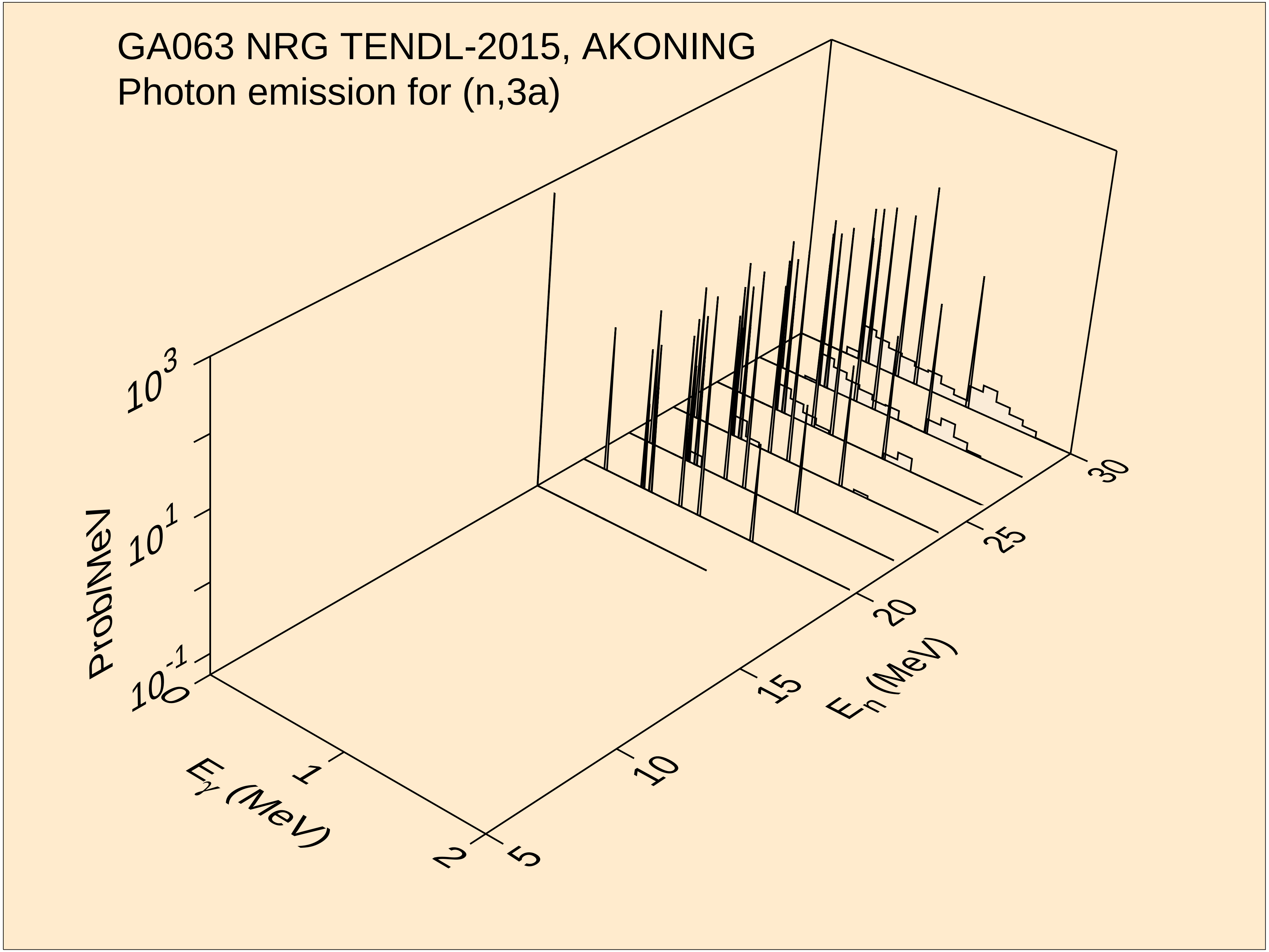
GA063 NRG TENDL-2015, AKONING
Photon emission for (n,t)
ProblMeV
10^{3}
10^{1}
10^{-1}
0
2
4
6
E_γ (MeV)
5
10
15
20
25
30
E_n (MeV)

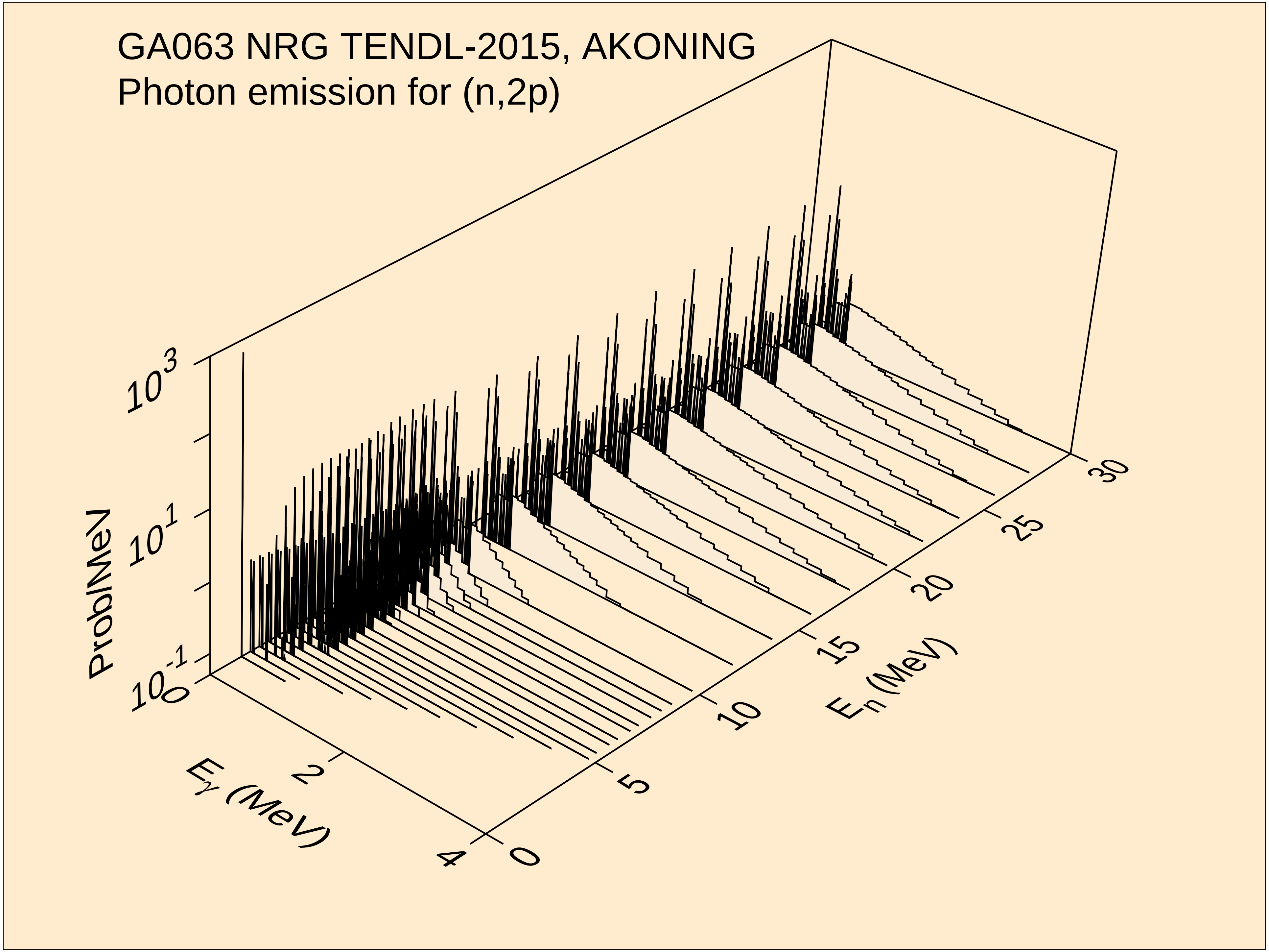


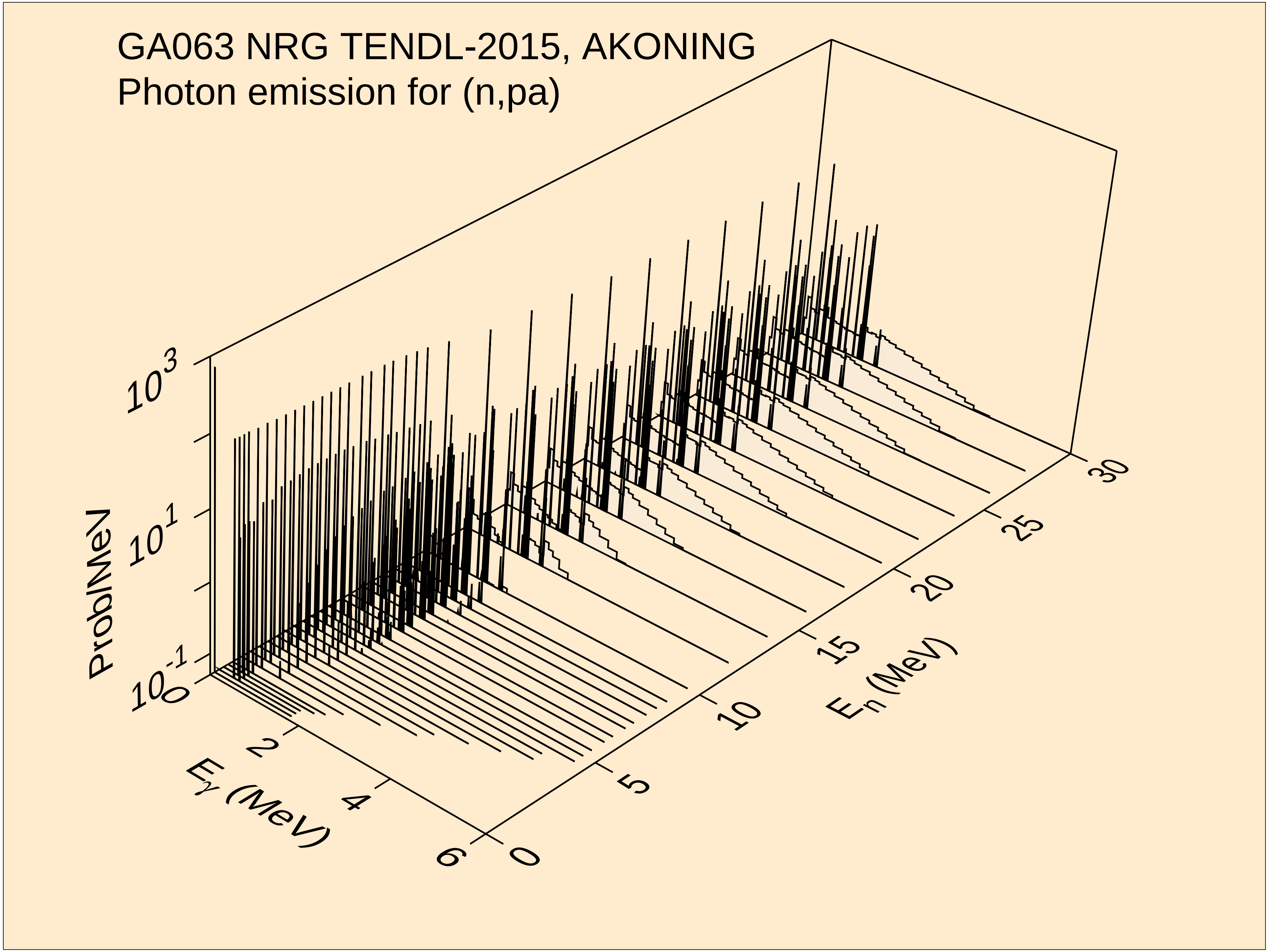
GA063 NRG TENDL-2015, AKONING
Photon emission for (n,he3)
ProbMeV
10^{3}
10^{1}
10^{-1}
0
2
4
6
E_γ (MeV)
0
5
10
15
20
25
30
E_n (MeV)

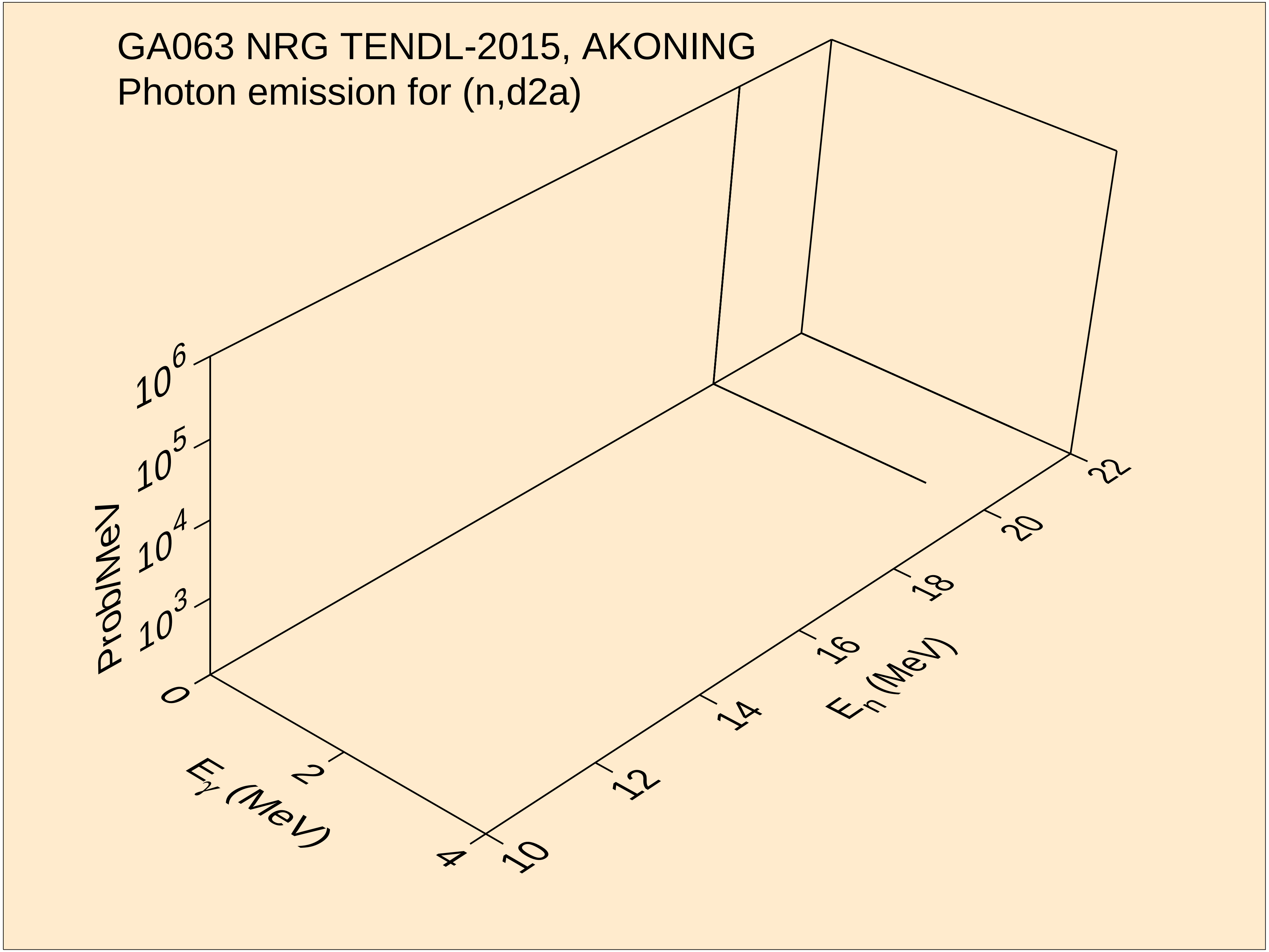

GA063 NRG TENDL-2015, AKONING
Photon emission for (n,a)
ProbMeV
10^{0}
10^{-2}
0
5
10
E_γ (MeV)
0
5
10
15
20
25
30
E_n (MeV)


GA063 NRG TENDL-2015, AKONING
Photon emission for (n,2a)
ProbMeV
10^{3}
10^{1}
10^{-1}
E_γ (MeV)
0
2
4
E_n (MeV)
0
5
10
15
20
25
30

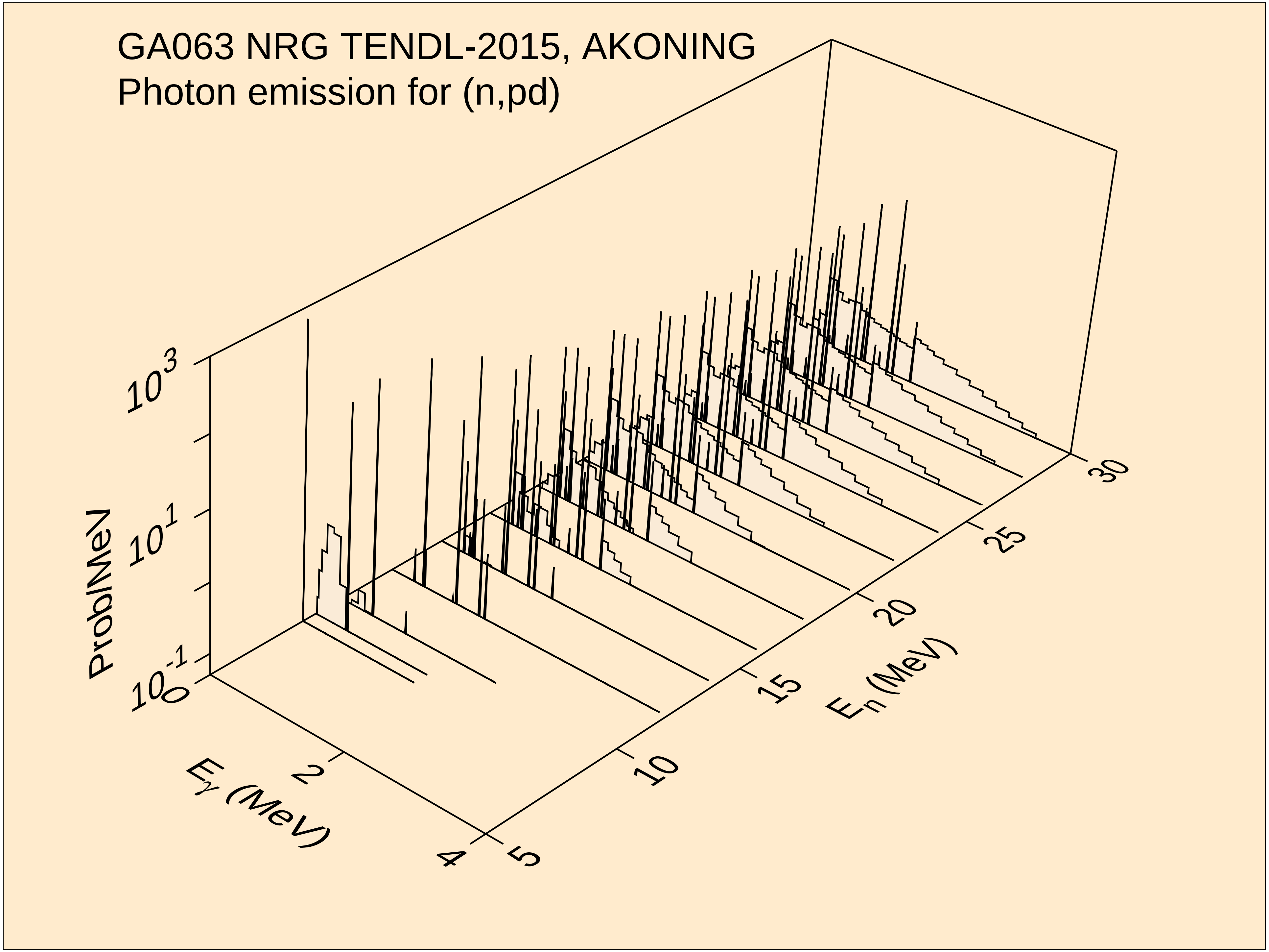

GA063 NRG TENDL-2015, AKONING
Photon emission for (n,3a)
ProbMeV
10^{3}
10^{1}
10^{-1}
E_{γ} (MeV)
0
1
2
E_n (MeV)
5
10
15
20
25
30

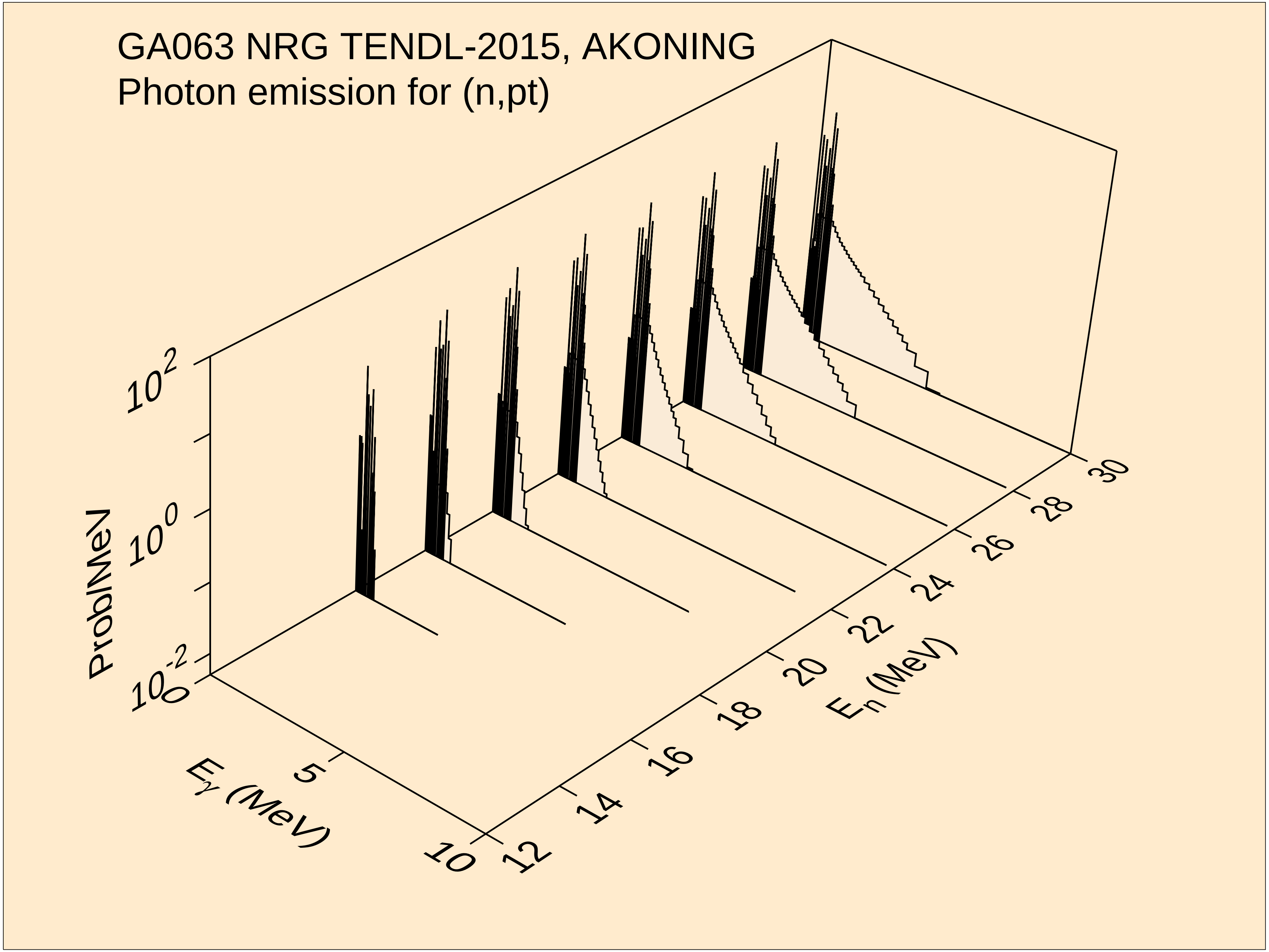

GA063 NRG TENDL-2015, AKONING
Photon emission for (n,2p)
ProbMeV
10^{3}
10^{1}
10^{-1}
E_γ (MeV)
E_n (MeV)
0
2
4
0
5
10
15
20
25
30


GA063 NRG TENDL-2015, AKONING
Photon emission for (n,pa)
ProbMeV
10^{3}
10^{1}
10^{-1}
E_{γ} (MeV)
0
2
4
6
E_{n} (MeV)
0
5
10
15
20
25
30

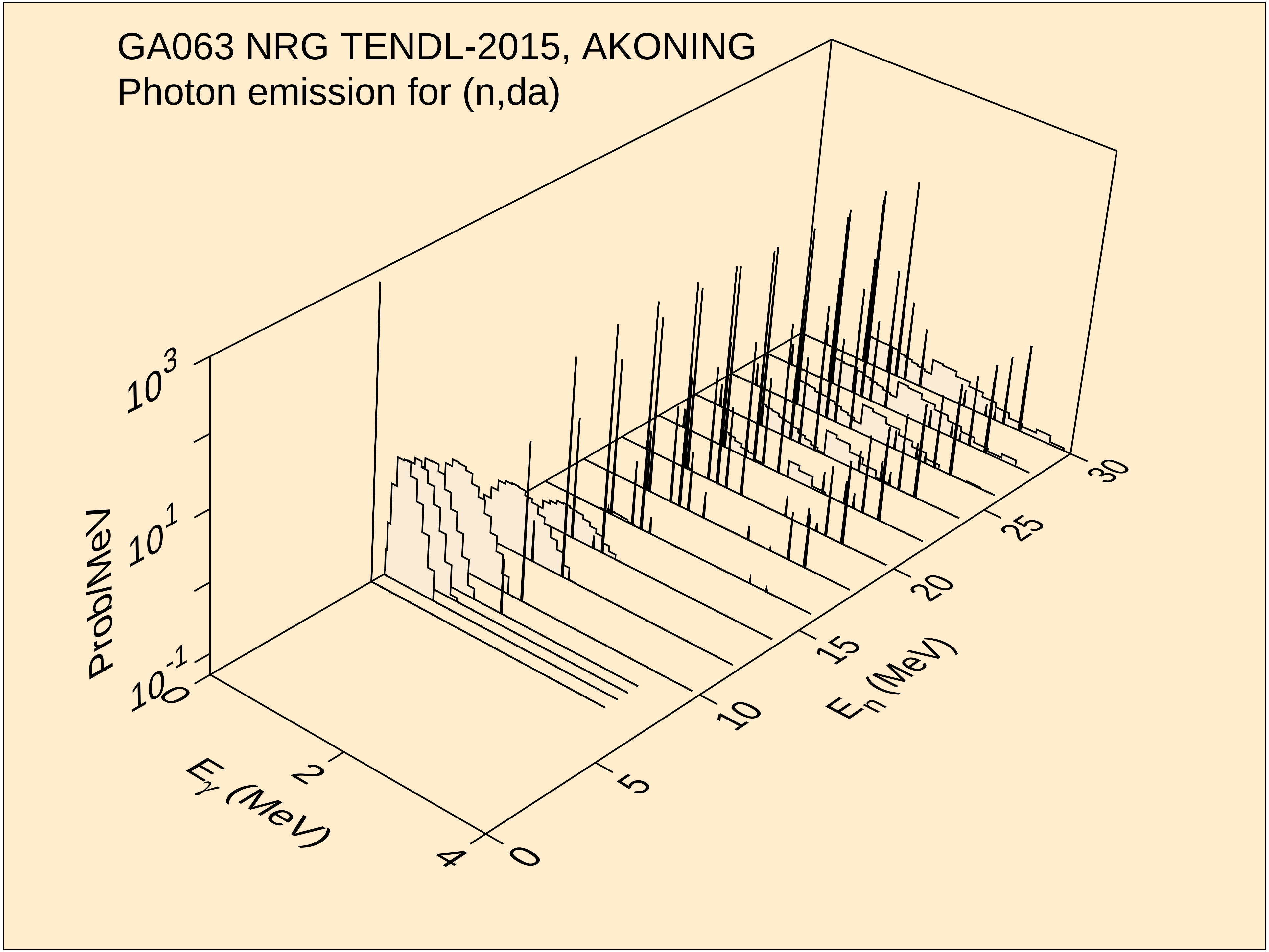


GA063 NRG TENDL-2015, AKONING
Photon emission for (n,d2a)
ProbMeV
0
10^3
10^4
10^5
10^6
Eγ (MeV)
2
4
En (MeV)
10
12
14
16
18
20
22

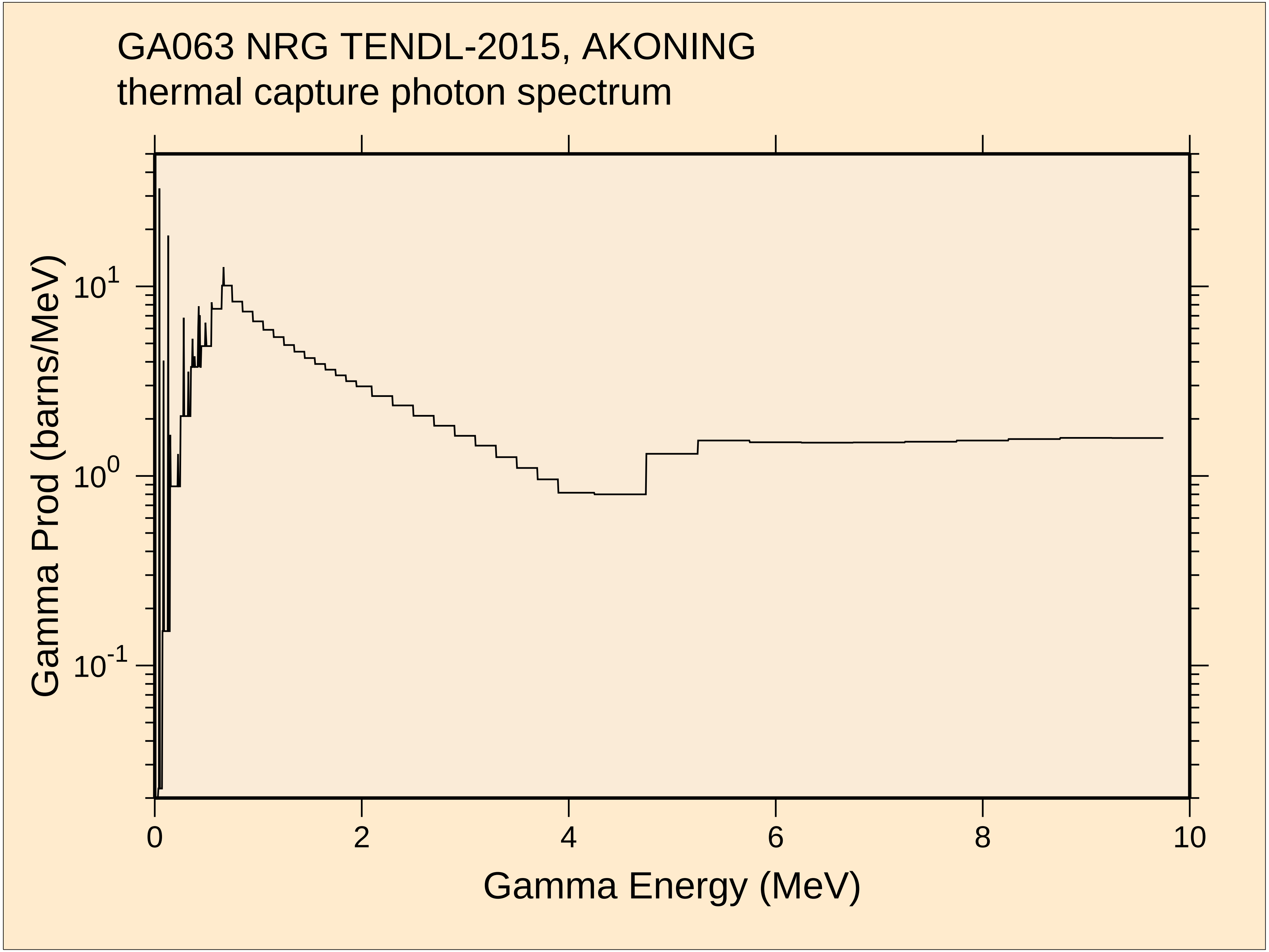

GA063 NRG TENDL-2015, AKONING
Photon emission for (n,pd)
ProblMeV
10^{3}
10^{1}
10^{-1}
0
2
4
E_γ (MeV)
5
10
15
20
25
30
E_n (MeV)

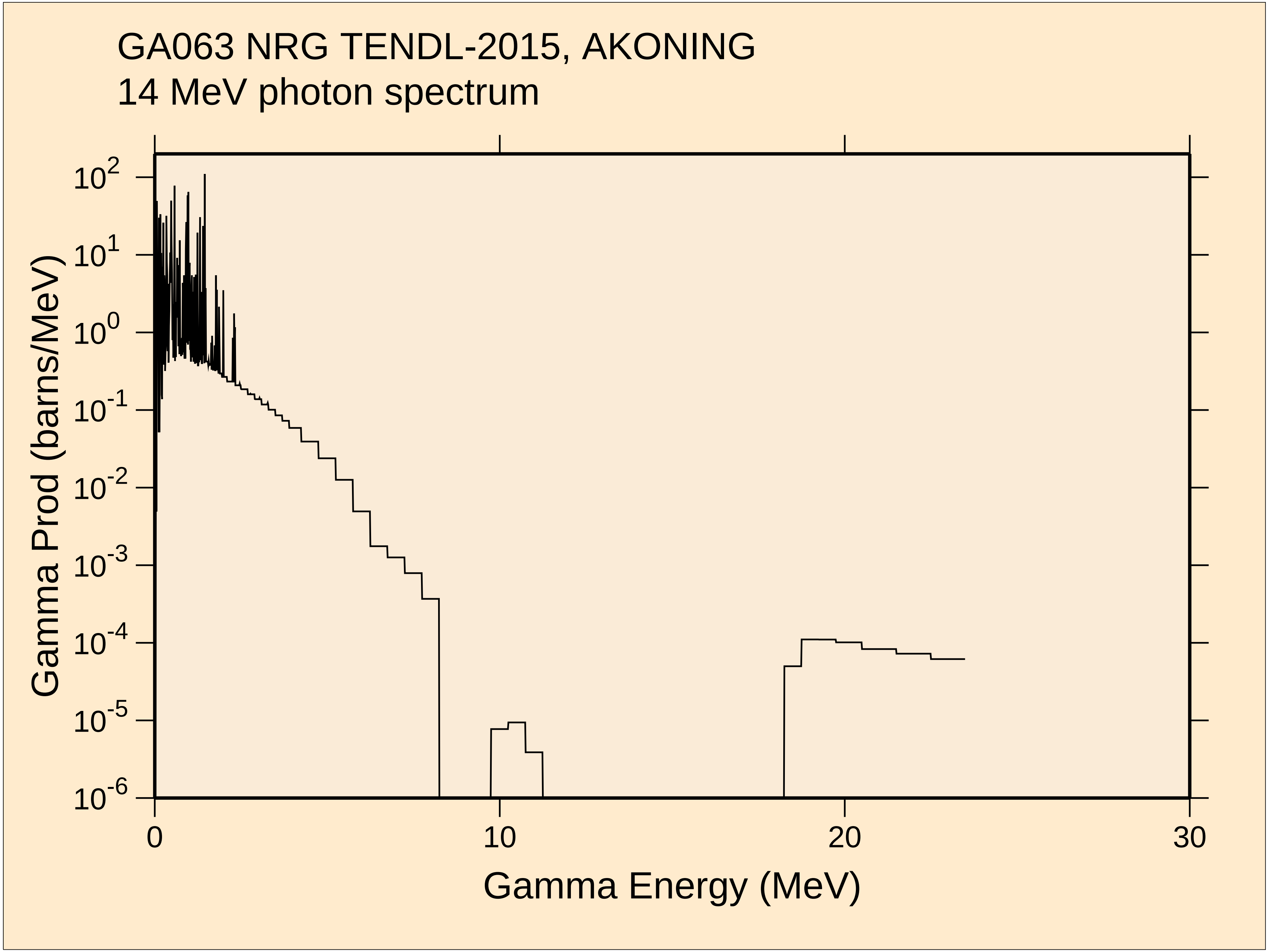


GA063 NRG TENDL-2015, AKONING
Photon emission for (n,pt)
Prob/MeV
10^{2}
10^{0}
10^{-2}
E_γ (MeV)
0
5
10
E_n (MeV)
12
14
16
18
20
22
24
26
28
30

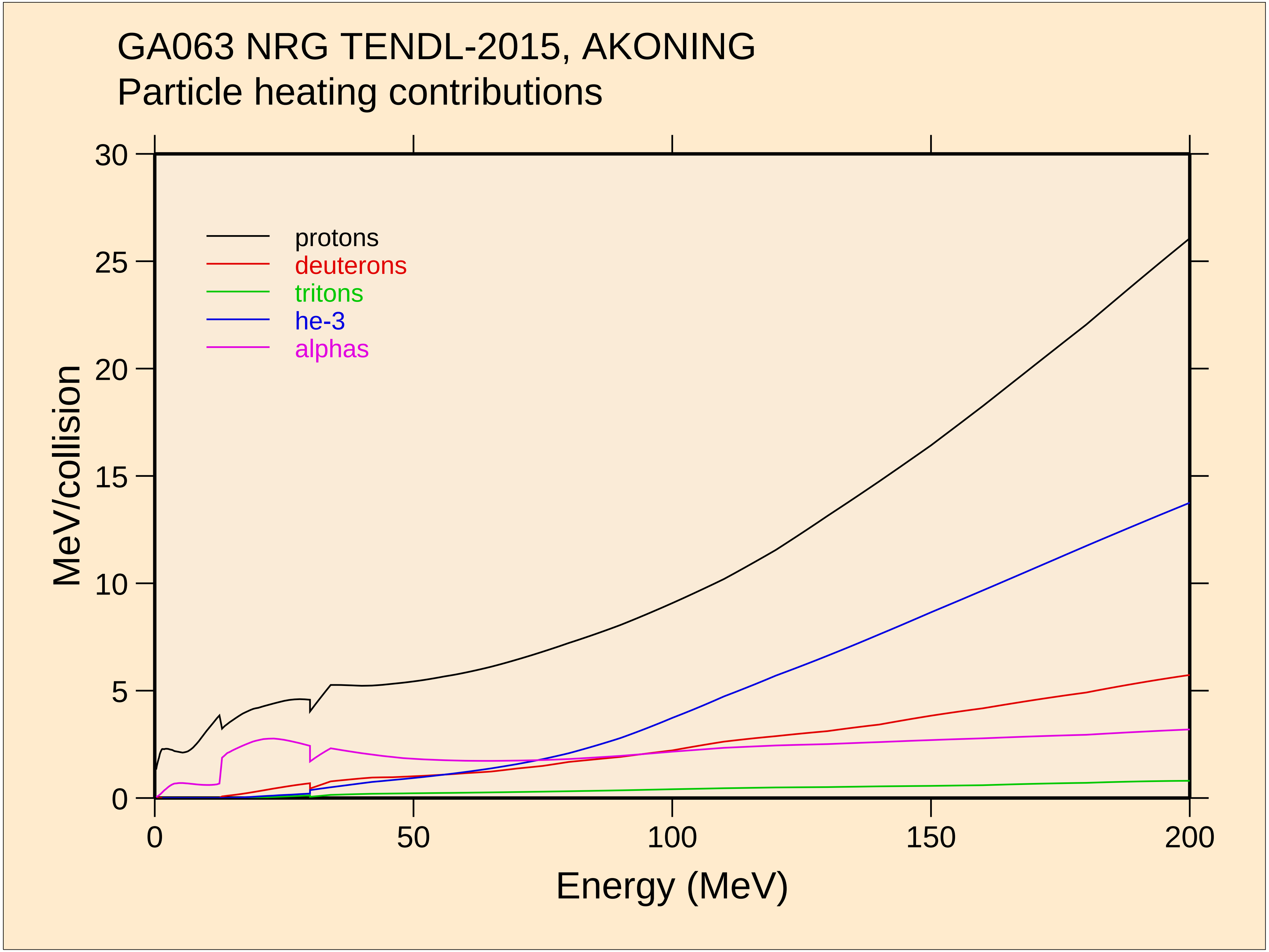


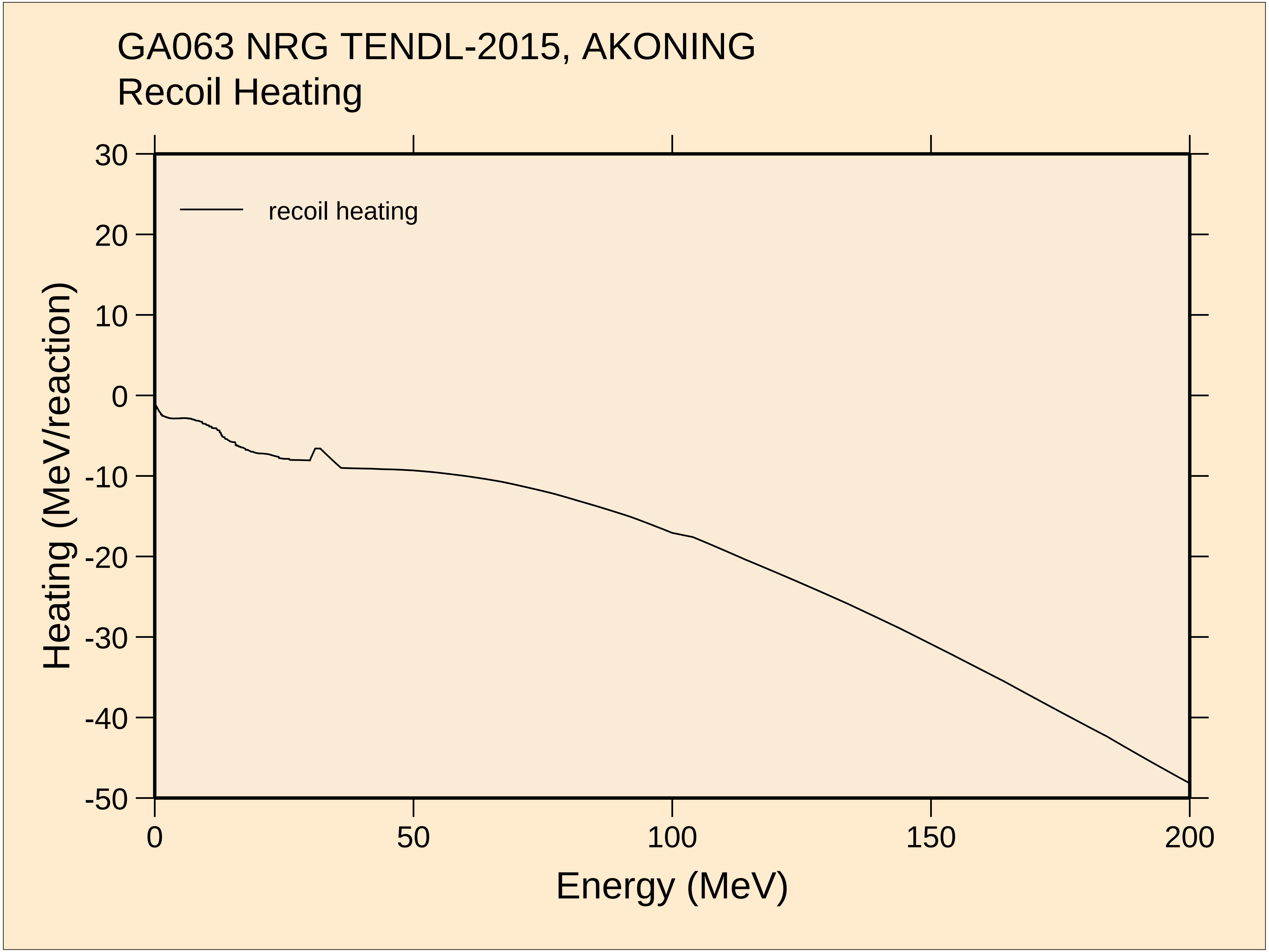
GA063 NRG TENDL-2015, AKONING
Photon emission for (n,da)
ProbIMeV
10^3
10^1
10^{-1}
0
2
4
E_γ (MeV)
0
5
10
15
20
25
30
E_n (MeV)

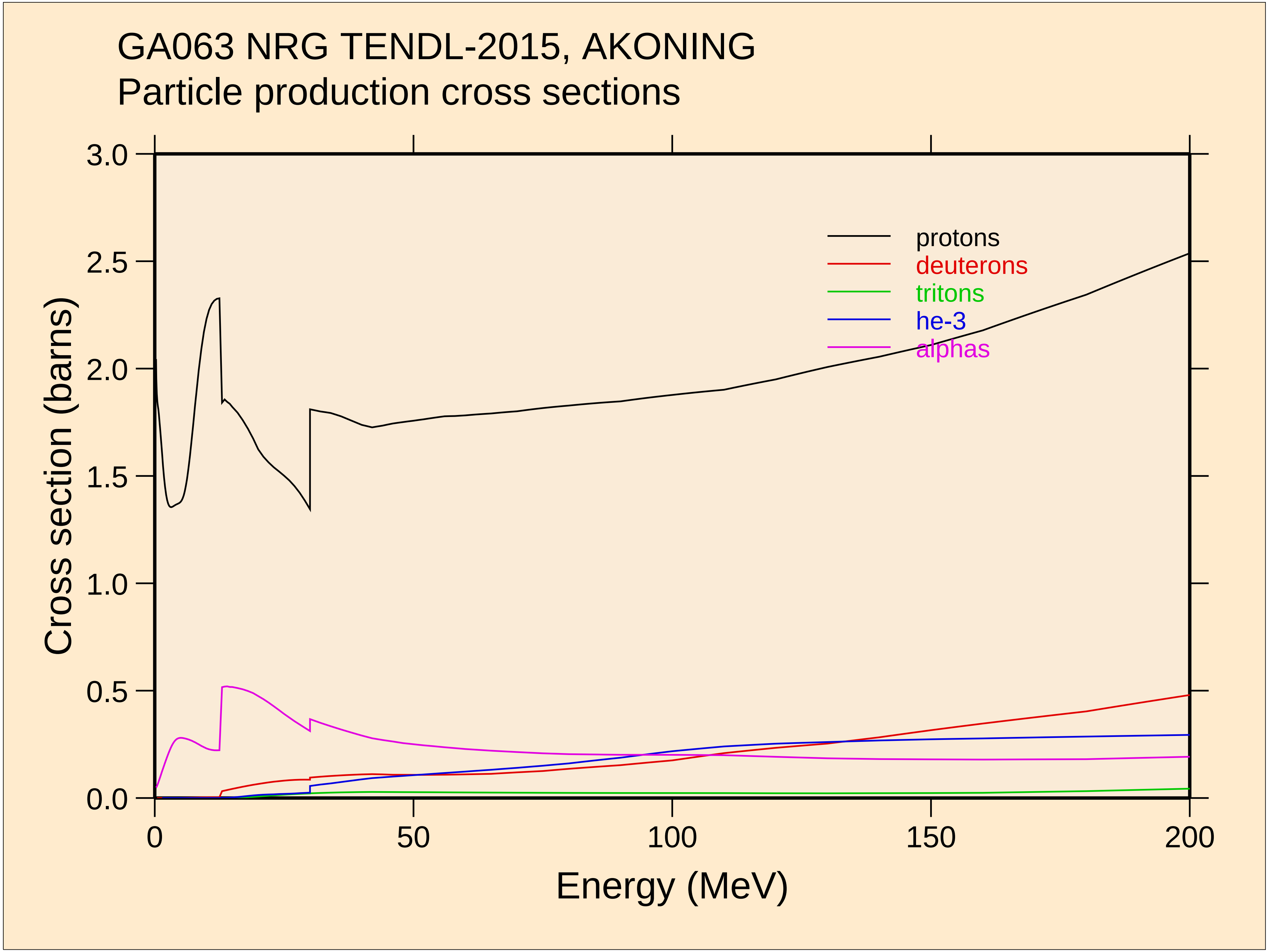

GA063 NRG TENDL-2015, AKONING
thermal capture photon spectrum
Gamma Prod (barns/MeV)
10^1
10^0
10^{-1}
0
2
4
6
8
10
Gamma Energy (MeV)

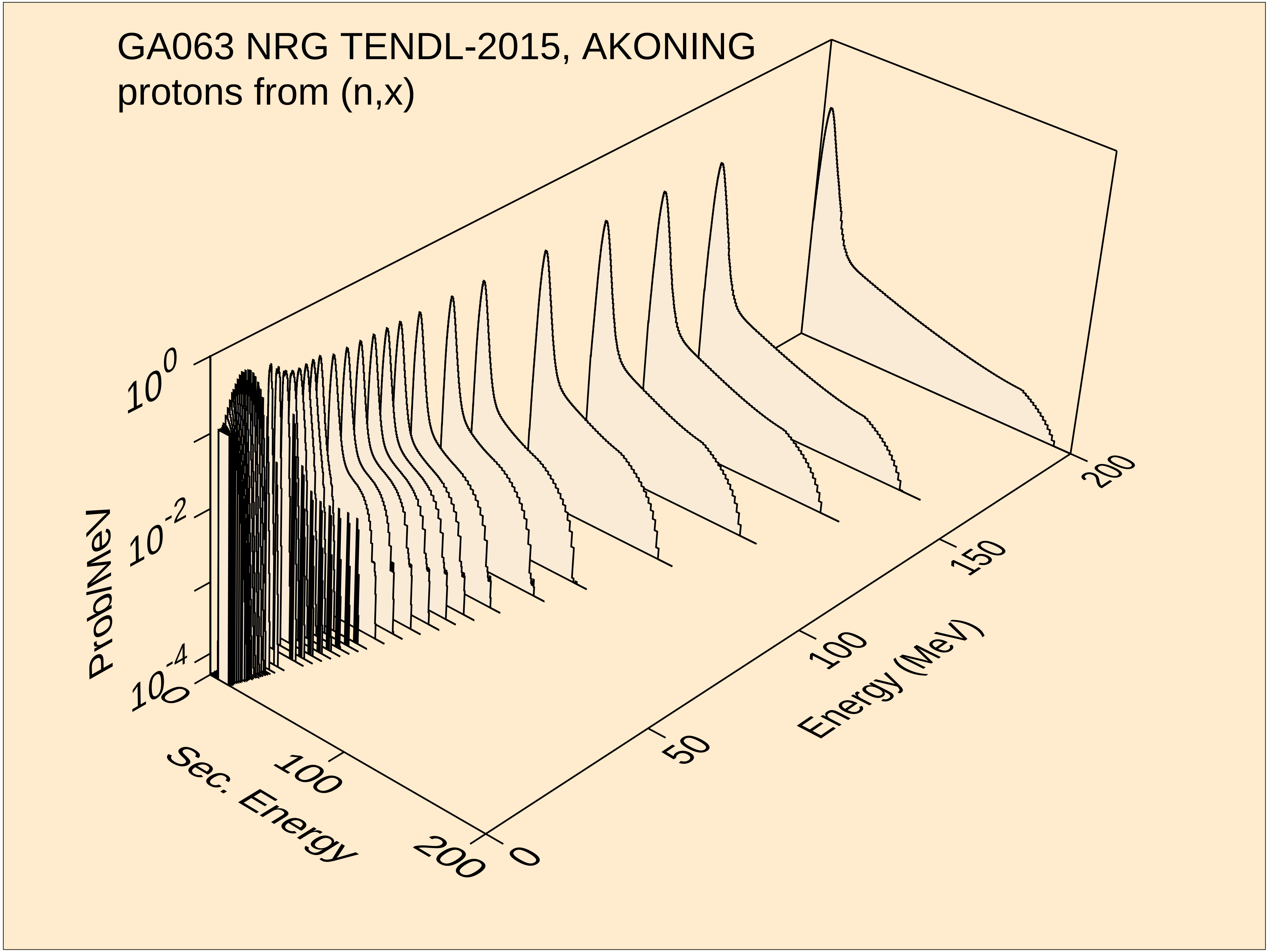


GA063 NRG TENDL-2015, AKONING
14 MeV photon spectrum
Gamma Prod (barns/MeV)
Gamma Energy (MeV)
10^{2}
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10^{-6}
0
10
20
30

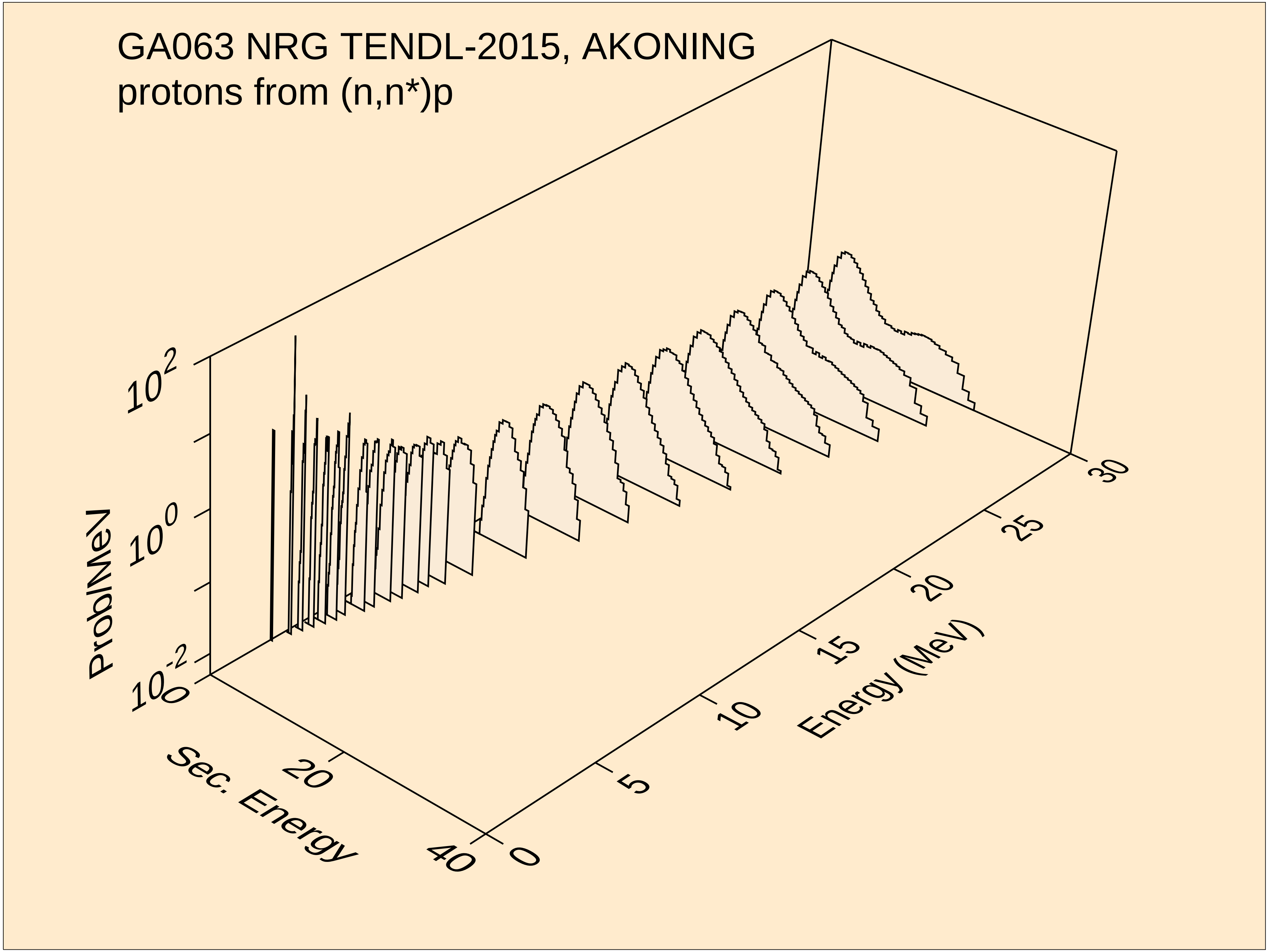

GA063 NRG TENDL-2015, AKONING
Particle heating contributions
protons
deuterons
tritons
he-3
alphas
MeV/collision
Energy (MeV)
0
5
10
15
20
25
30
0
50
100
150
200

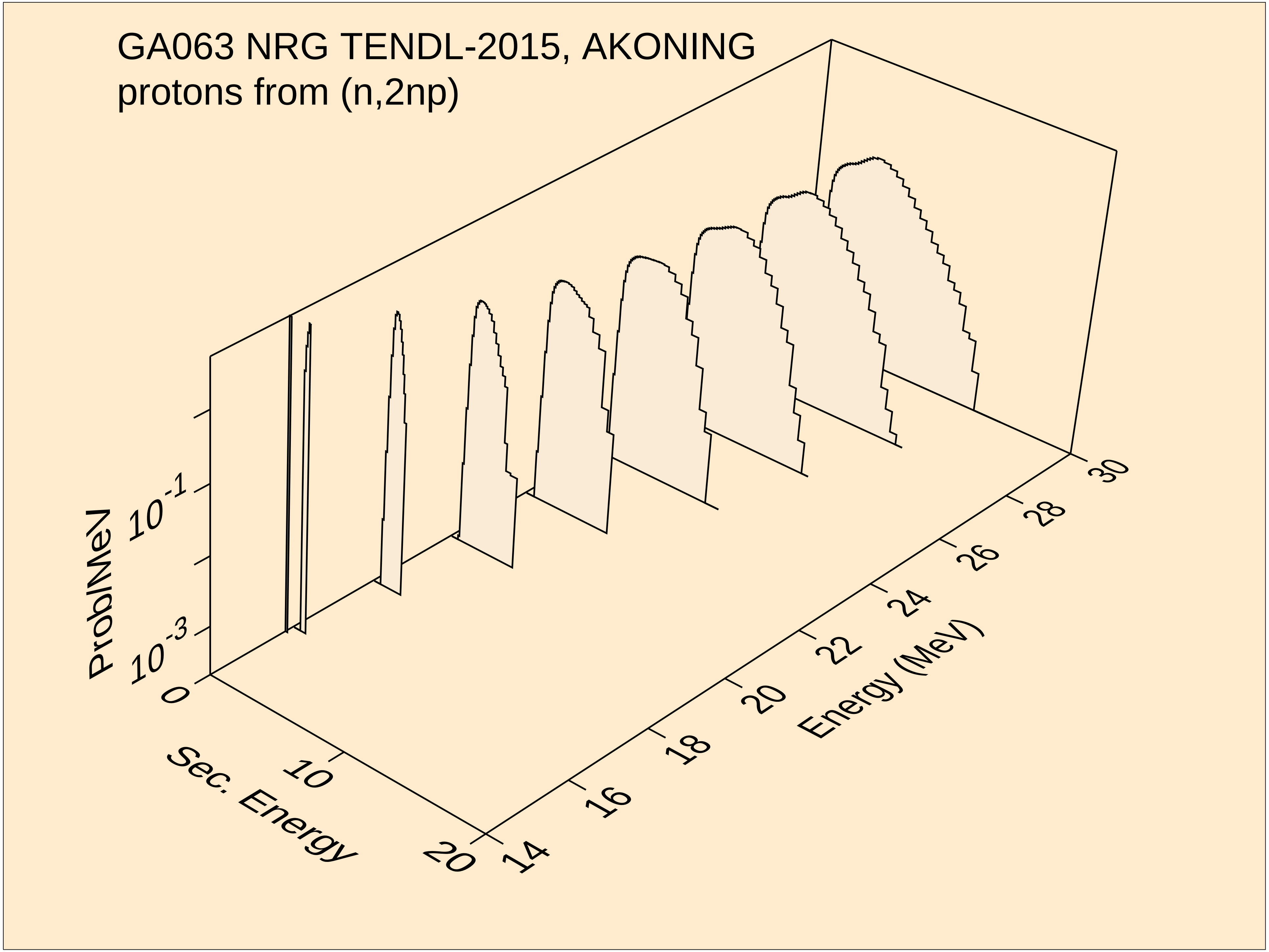

GA063 NRG TENDL-2015, AKONING
Recoil Heating
recoil heating
Heating (MeV/reaction)
Energy (MeV)
30
20
10
0
-10
-20
-30
-40
-50
0
50
100
150
200

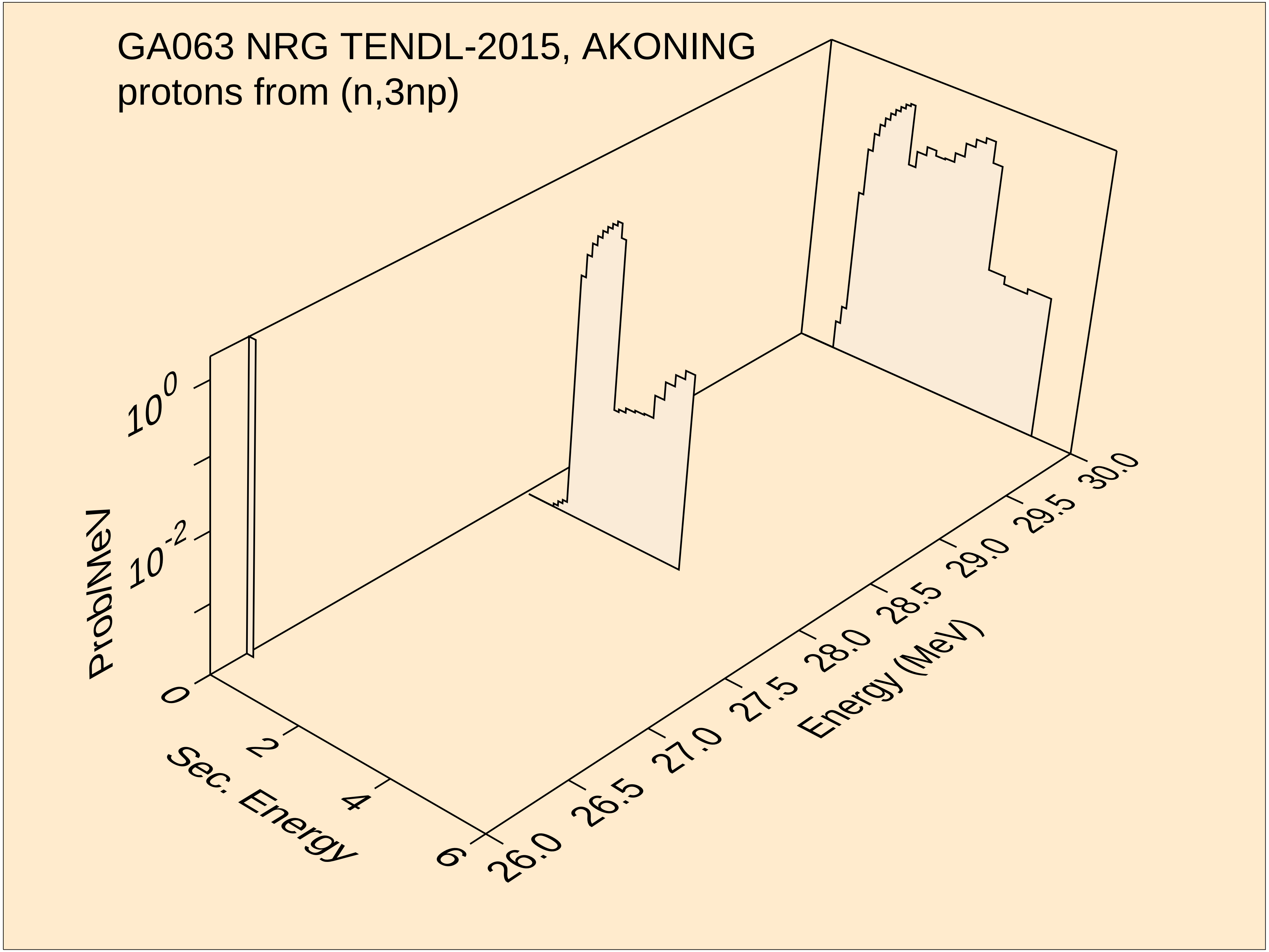

GA063 NRG TENDL-2015, AKONING
Particle production cross sections
protons
deuterons
tritons
he-3
alphas
Cross section (barns)
Energy (MeV)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0
50
100
150
200

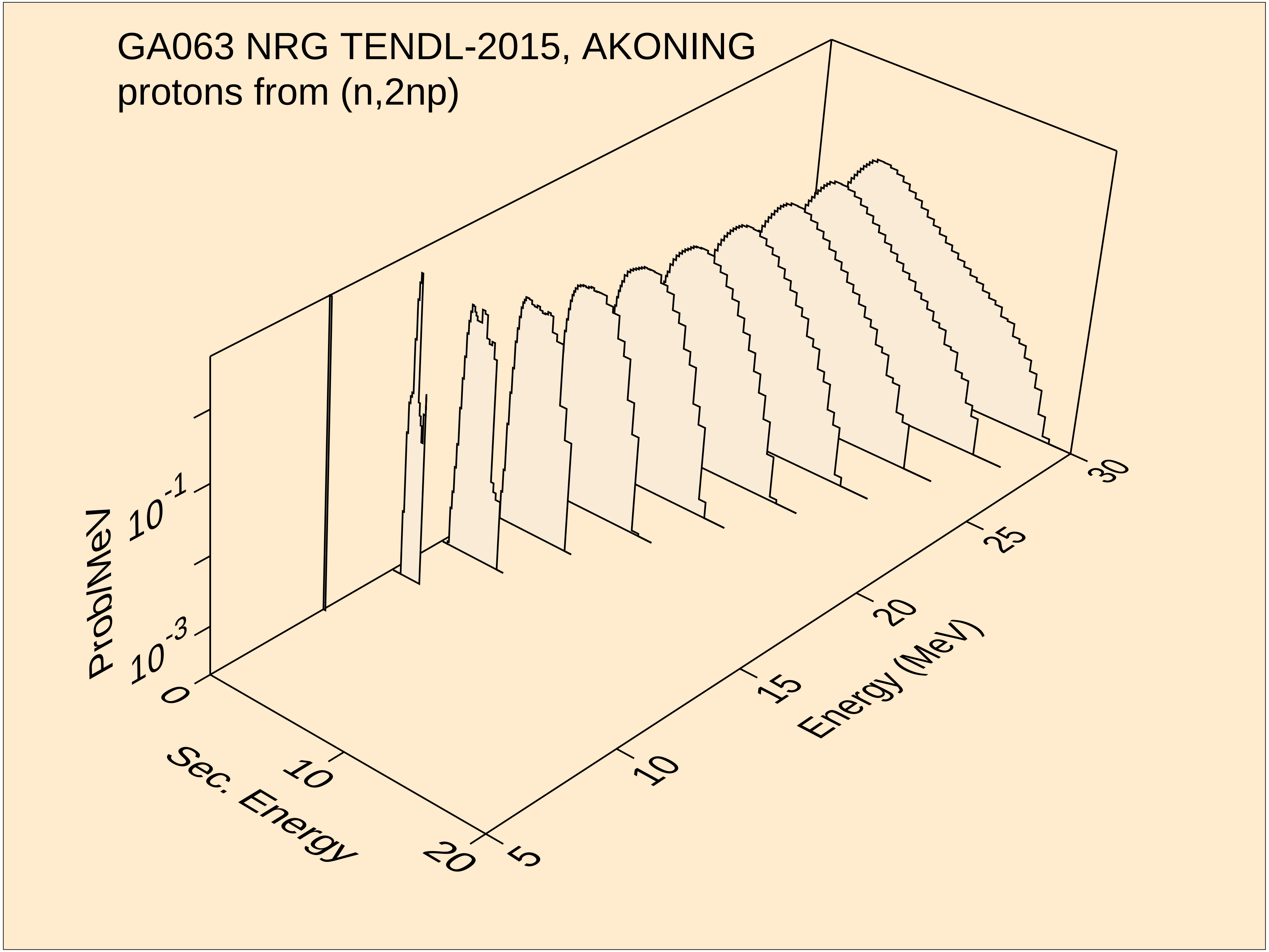


GA063 NRG TENDL-2015, AKONING
protons from (n,x)
ProblMeV
10^{0}
10^{-2}
10^{-4}
0
100
200
Sec. Energy
0
50
100
150
200
Energy (MeV)

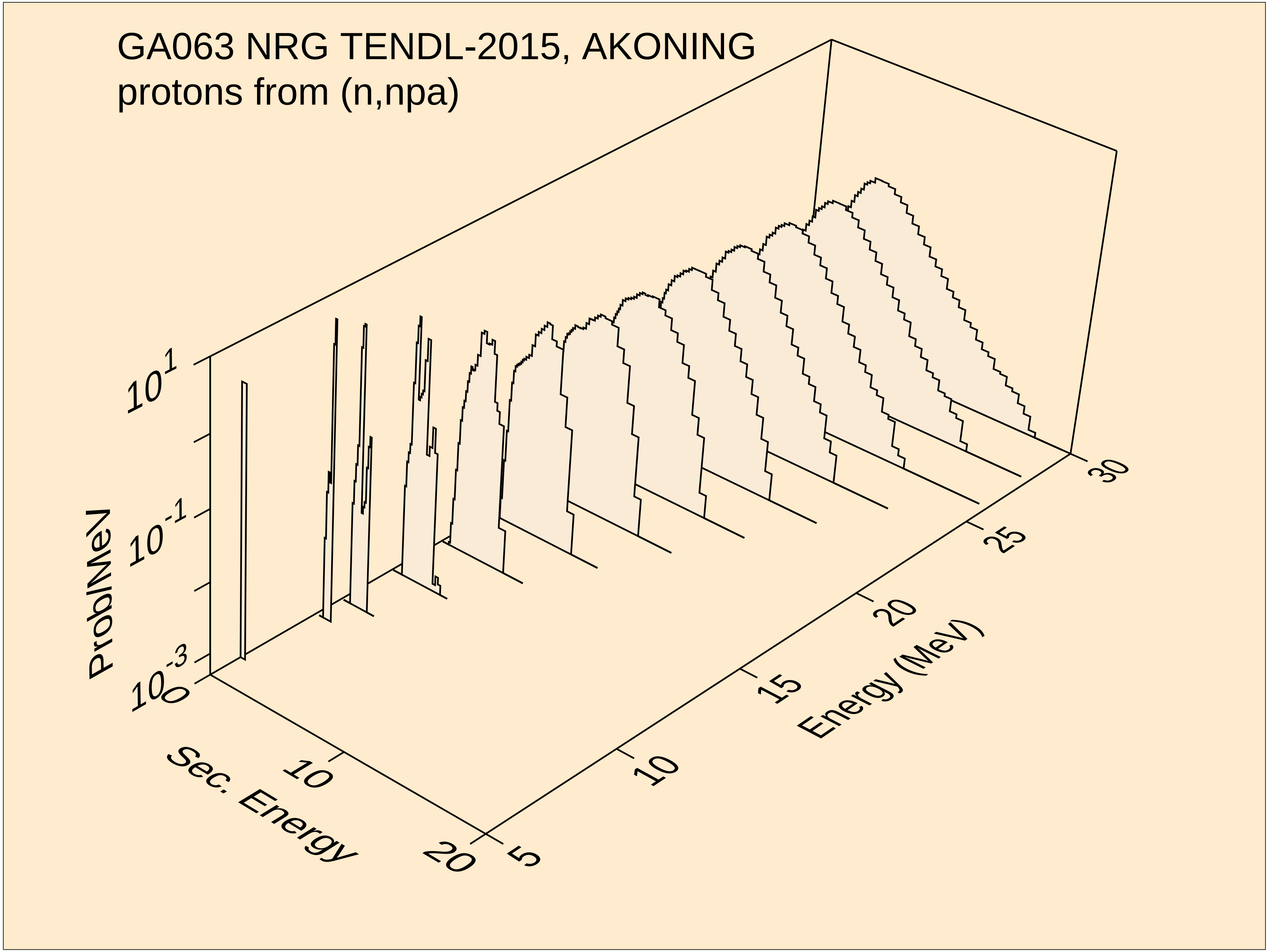

GA063 NRG TENDL-2015, AKONING
protons from (n,n*)p
ProbMeV
10^{2}
10^{0}
10^{-2}
Sec. Energy
0
20
40
Energy (MeV)
0
5
10
15
20
25
30


GA063 NRG TENDL-2015, AKONING
protons from (n,2np)
ProbMeV
10^{-1}
10^{-3}
0
Sec. Energy
10
20
14
16
18
20
22
24
26
28
30
Energy (MeV)

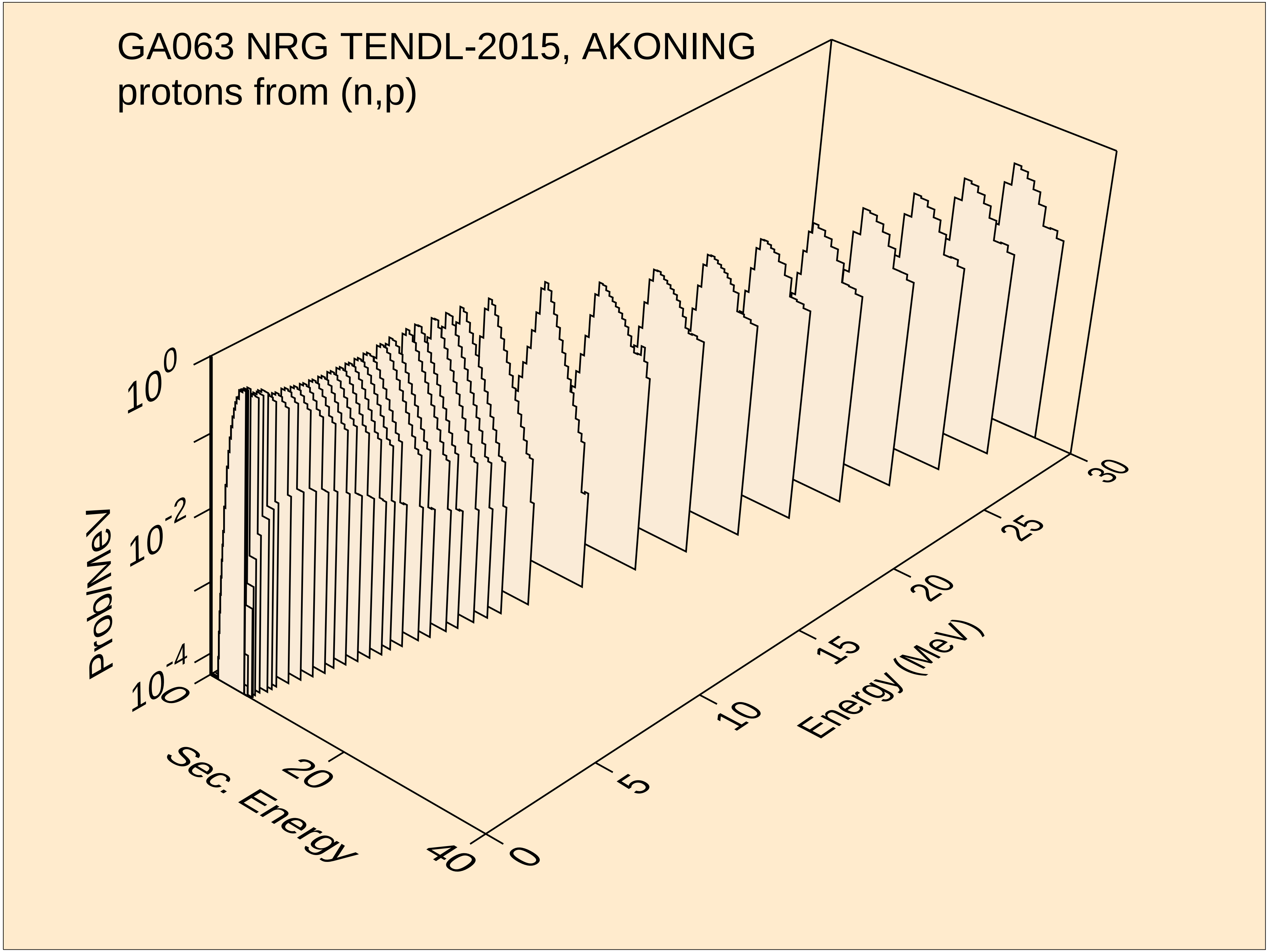

GA063 NRG TENDL-2015, AKONING
protons from (n,3np)
ProbMeV
10^0
10^-2
0
2
4
6
Sec. Energy
26.0
26.5
27.0
27.5
28.0
28.5
29.0
29.5
30.0
Energy (MeV)



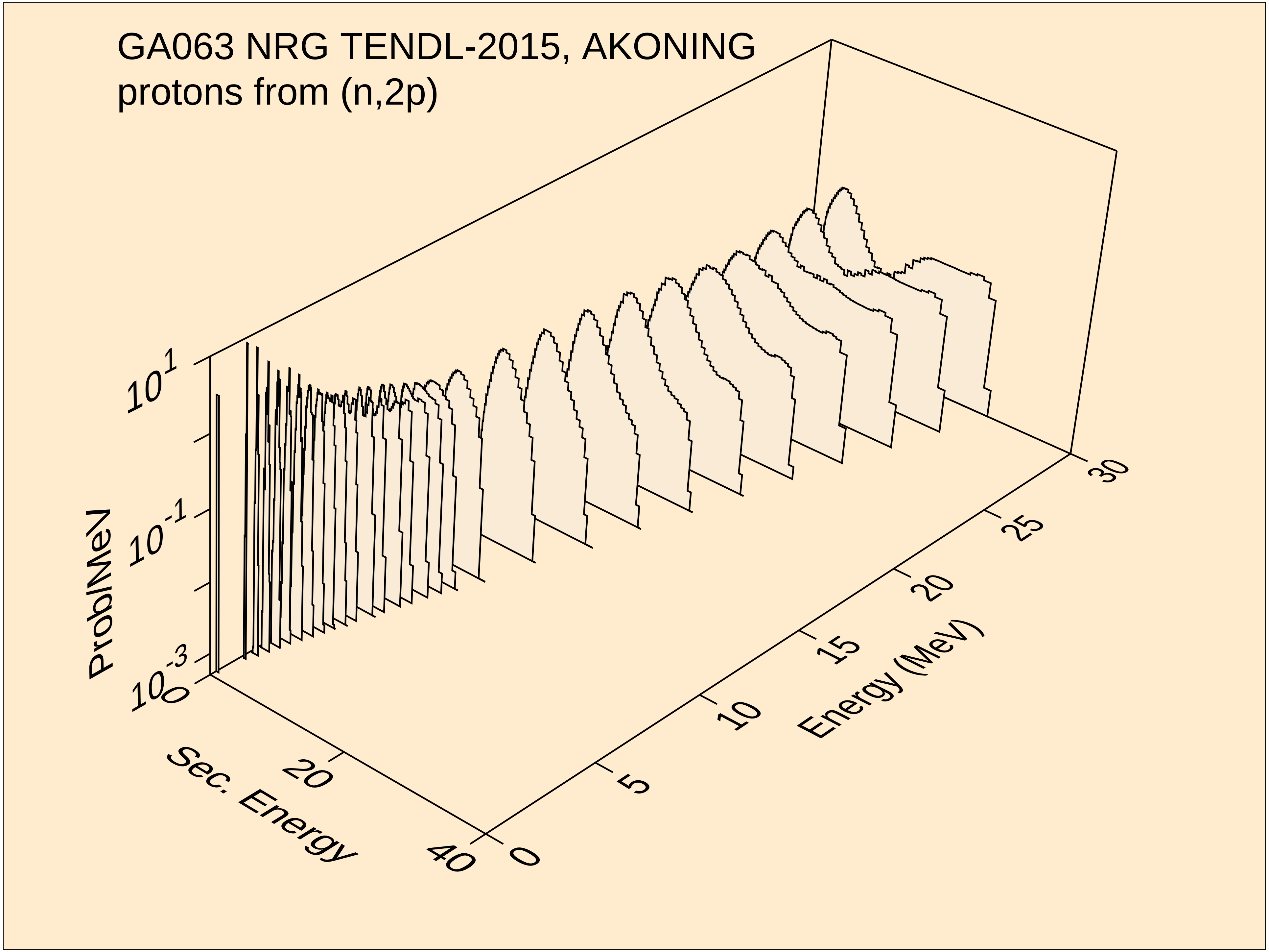
GA063 NRG TENDL-2015, AKONING
protons from (n,2np)
ProbMeV
10^{-1}
10^{-3}
0
Sec. Energy
10
20
Energy (MeV)
5
10
15
20
25
30

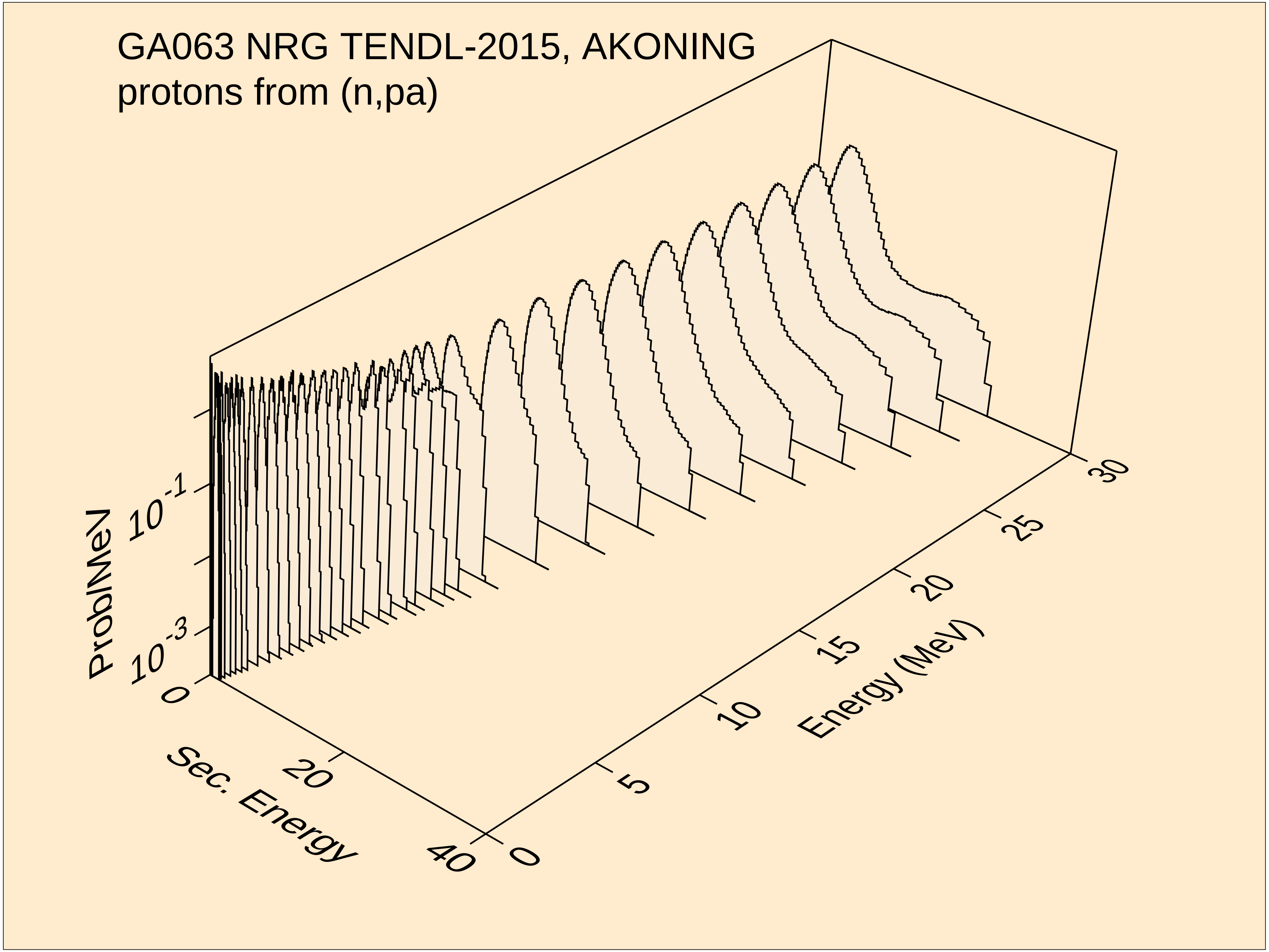


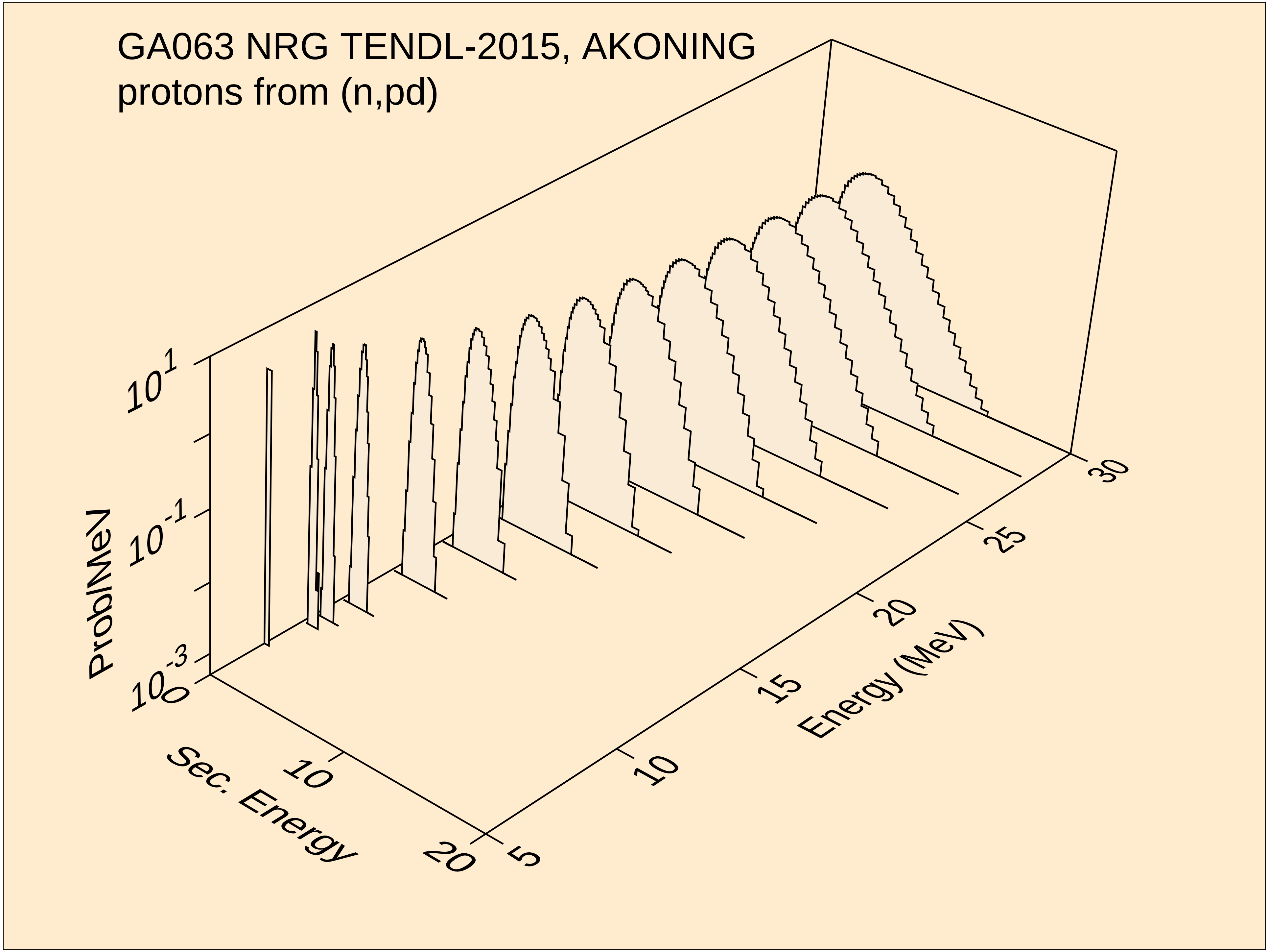
GA063 NRG TENDL-2015, AKONING
protons from (n,npa)
ProbMeV
10^{1}
10^{-1}
10^{-3}
0
10
20
Sec. Energy
5
10
15
20
25
30
Energy (MeV)

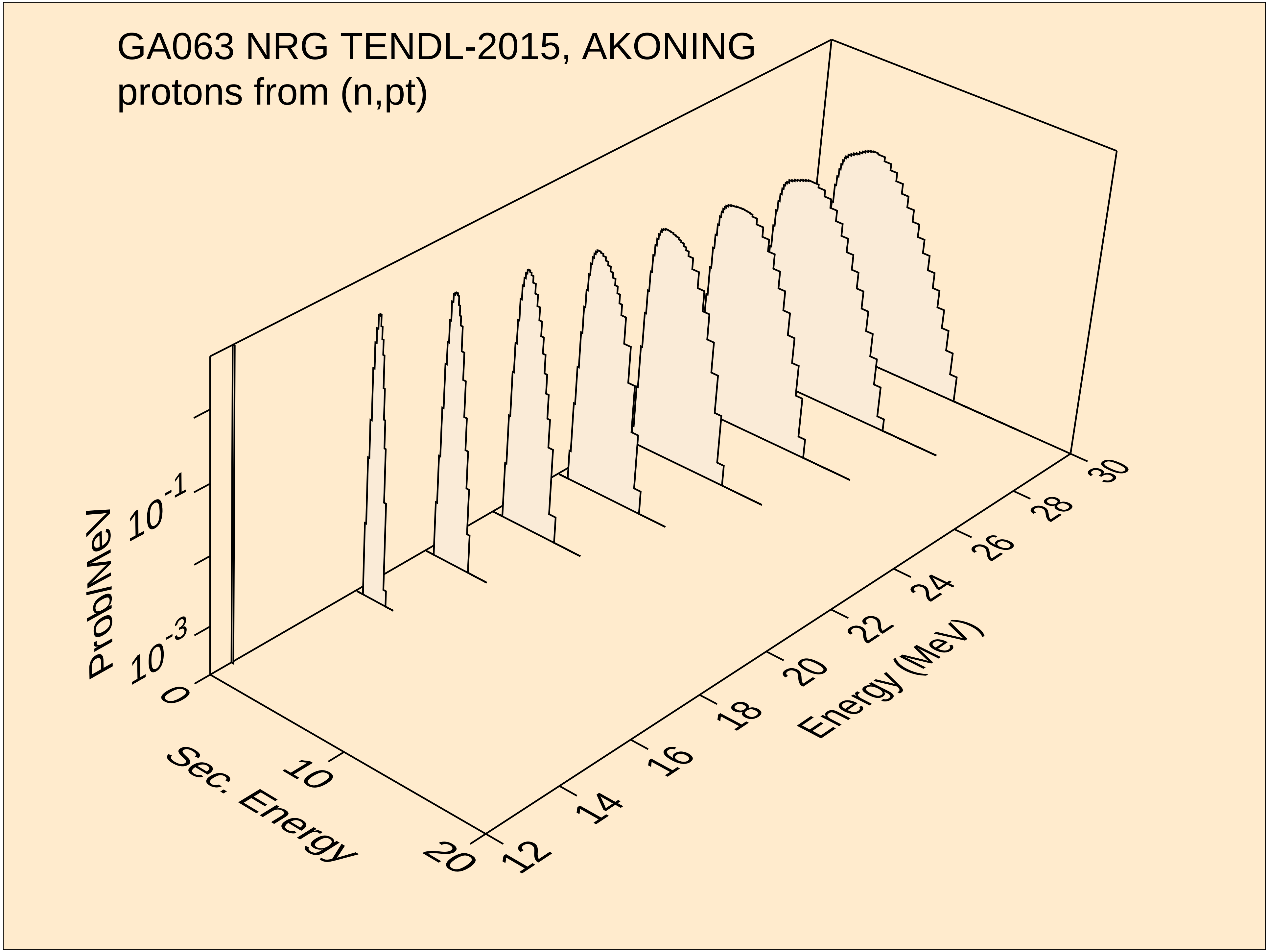


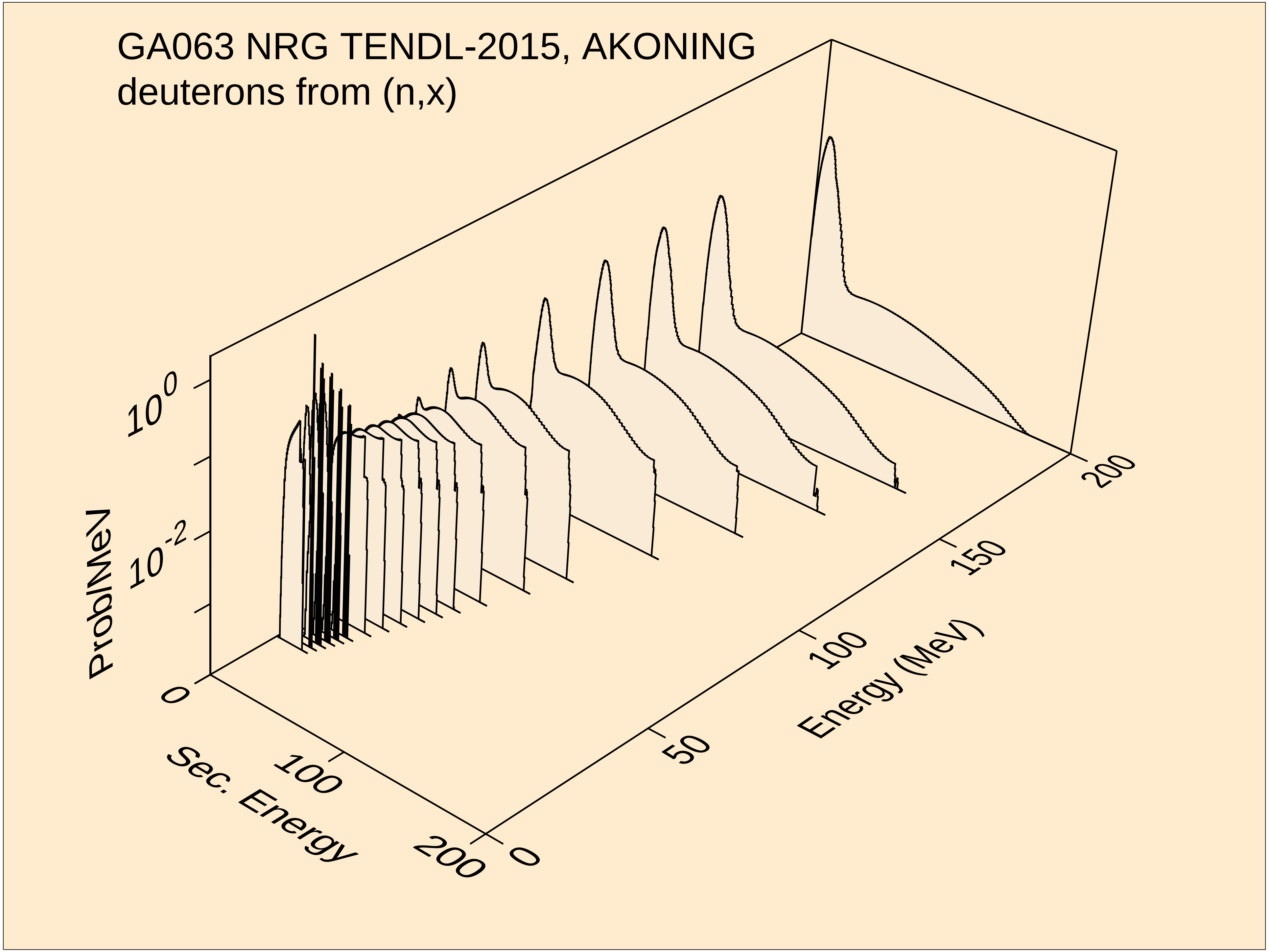
GA063 NRG TENDL-2015, AKONING
protons from (n,p)
ProbMeV
10^{0}
10^{-2}
10^{-4}
Sec. Energy
0
20
40
Energy (MeV)
0
5
10
15
20
25
30

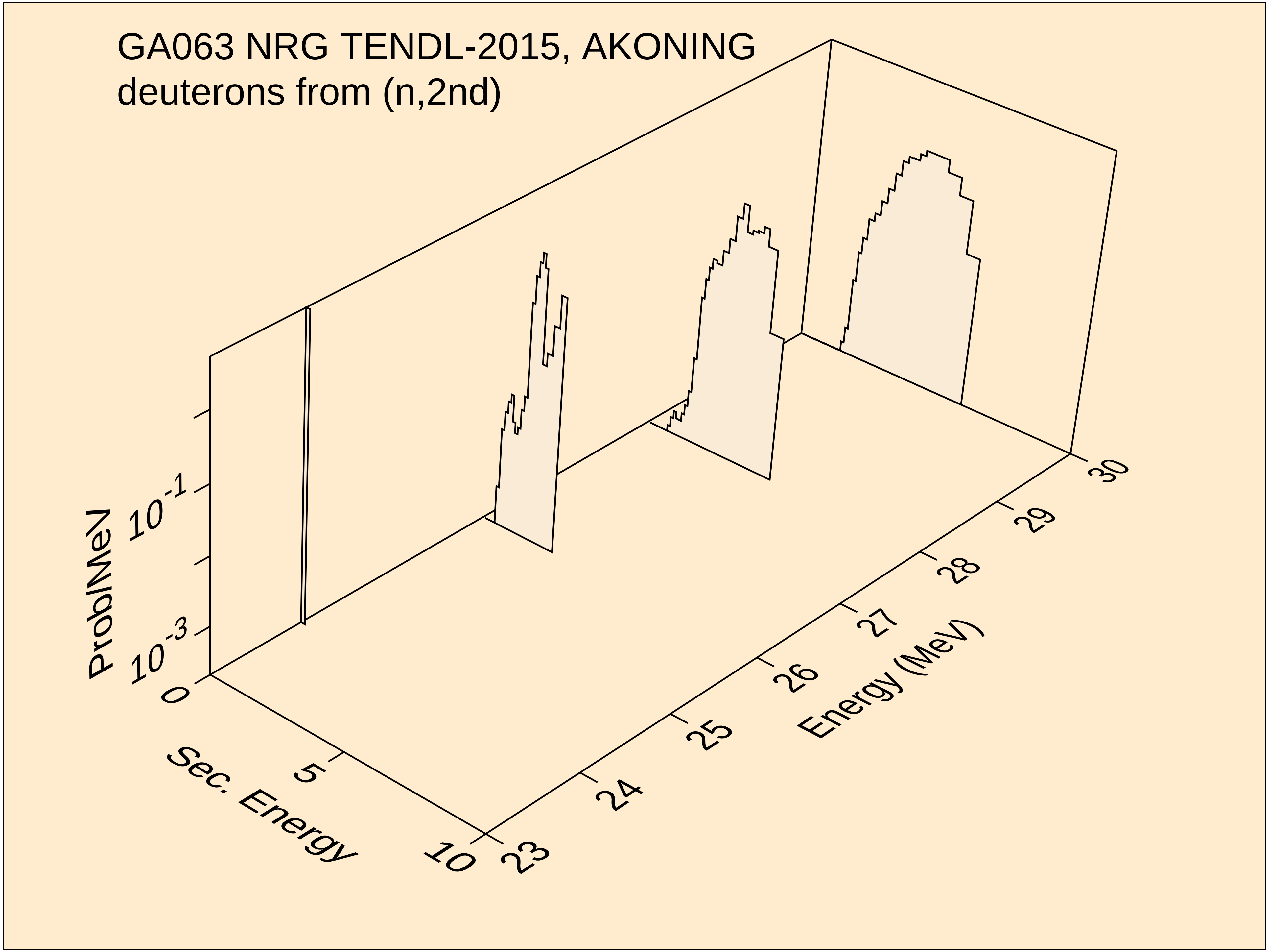

GA063 NRG TENDL-2015, AKONING
protons from (n,2p)
ProblMeV
10^{1}
10^{-1}
10^{-3}
0
20
40
Sec. Energy
0
5
10
15
20
25
30
Energy (MeV)


GA063 NRG TENDL-2015, AKONING
protons from (n,pa)
ProbMeV
10-1
10-3
0
Sec. Energy
20
40
Energy (MeV)
0
5
10
15
20
25
30

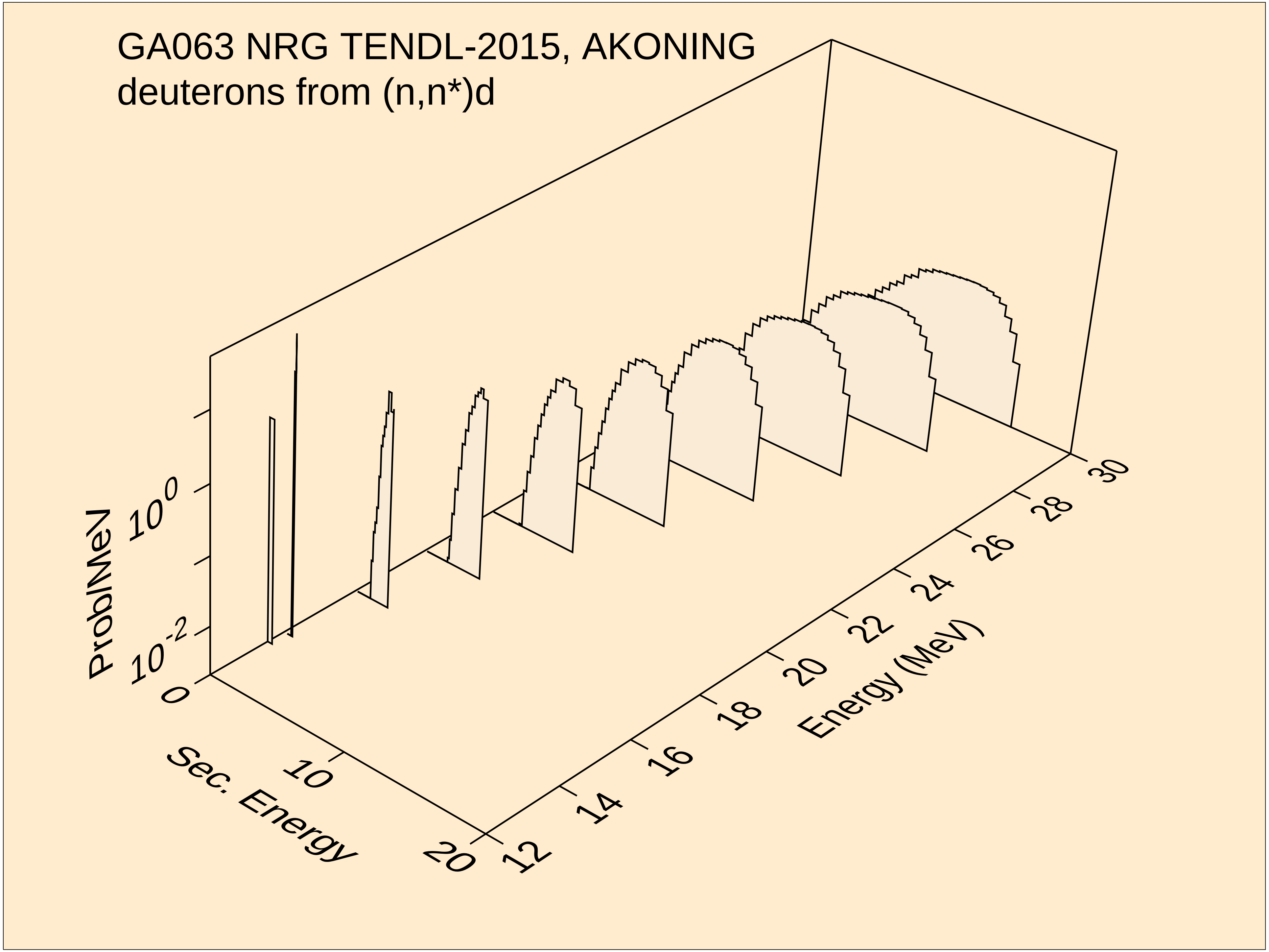

GA063 NRG TENDL-2015, AKONING
protons from (n,pd)
ProbMeV
10^{1}
10^{-1}
10^{-3}
0
10
20
Sec. Energy
5
10
15
20
25
30
Energy (MeV)

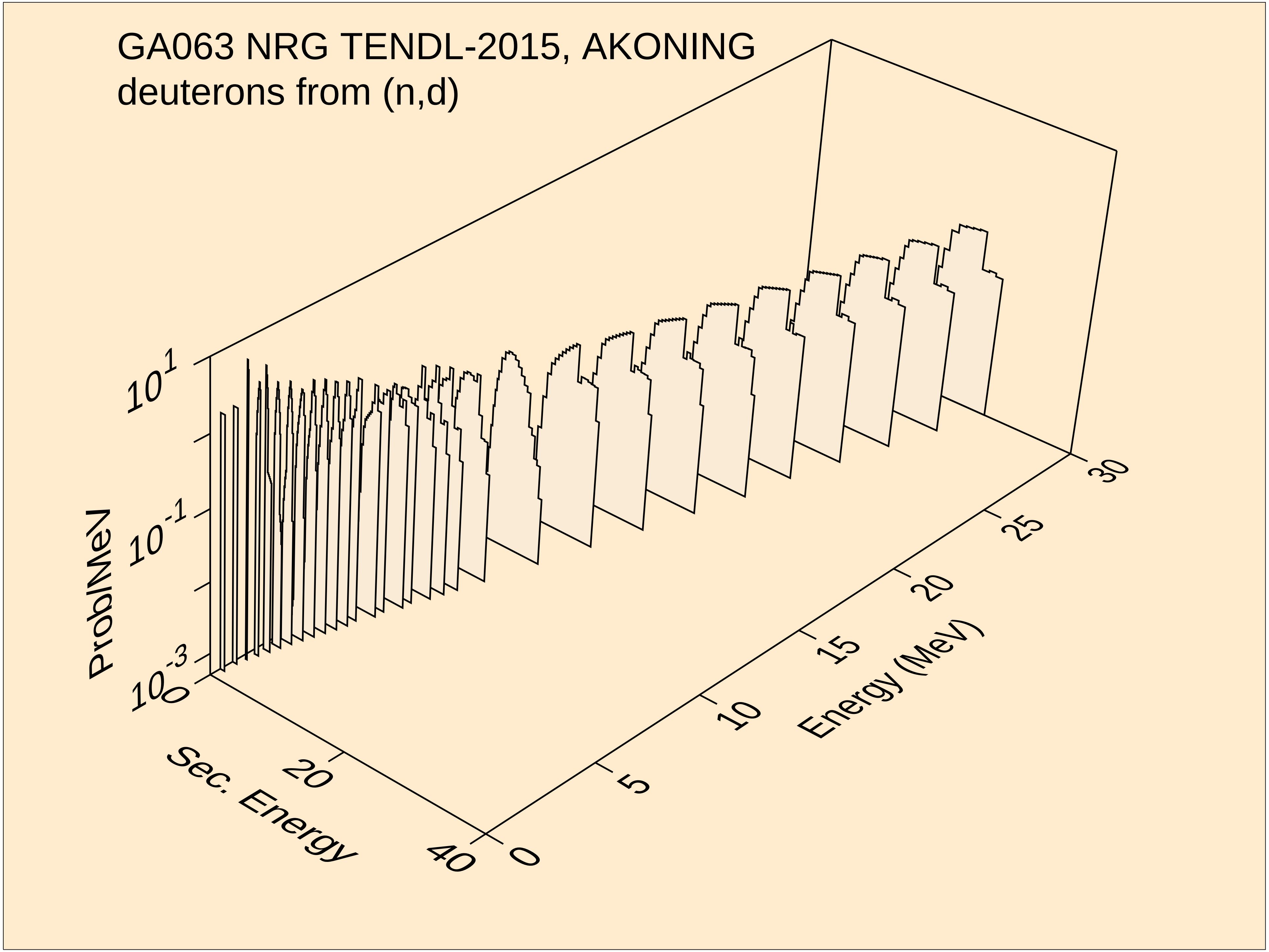

GA063 NRG TENDL-2015, AKONING
protons from (n,pt)
ProblMeV
10^{-1}
10^{-3}
0
Sec. Energy
10
20
Energy (MeV)
12
14
16
18
20
22
24
26
28
30


GA063 NRG TENDL-2015, AKONING
deuterons from (n,x)
ProblMeV
10^{0}
10^{-2}
Sec. Energy
0
100
200
Energy (MeV)
0
50
100
150
200

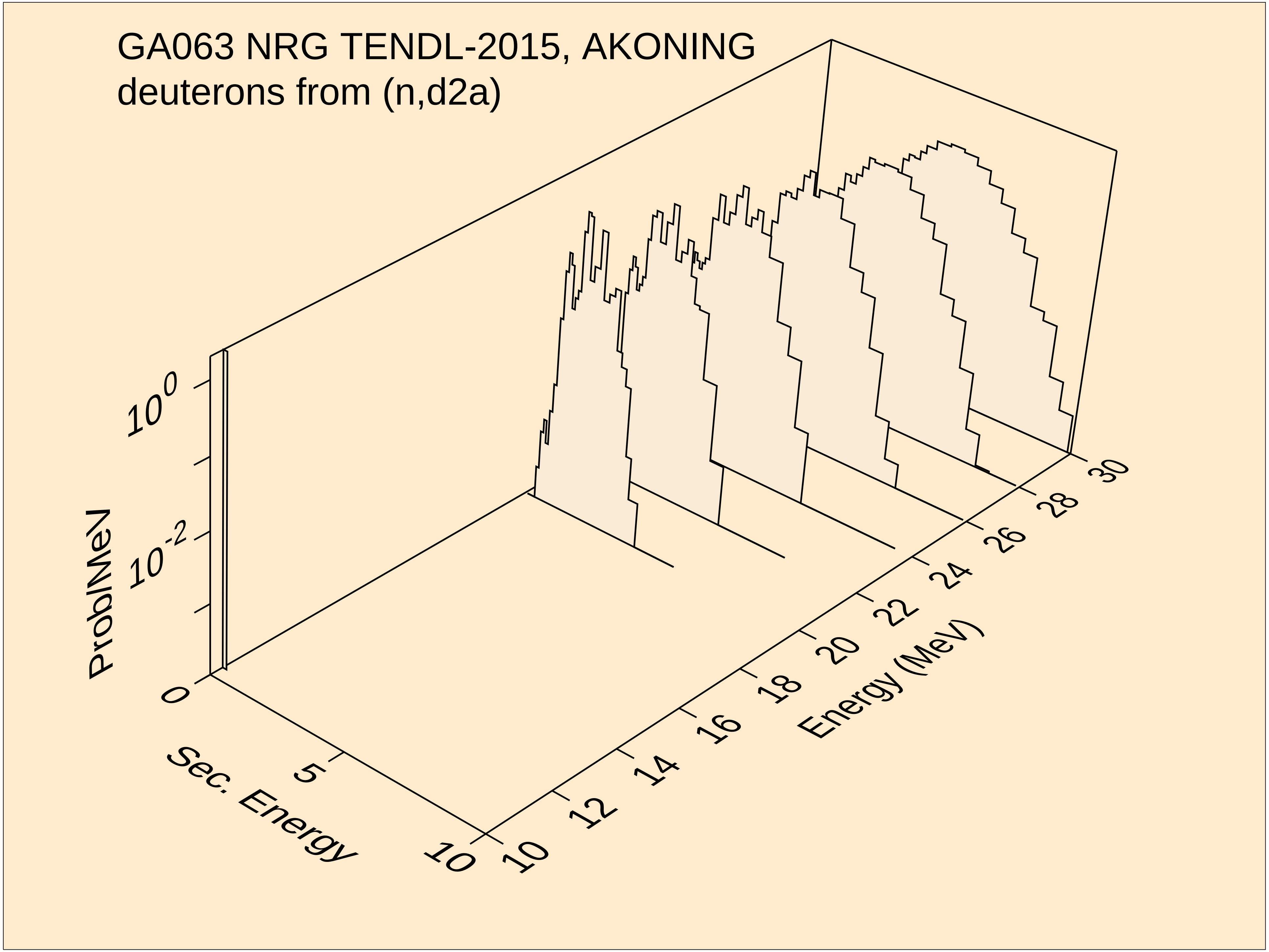


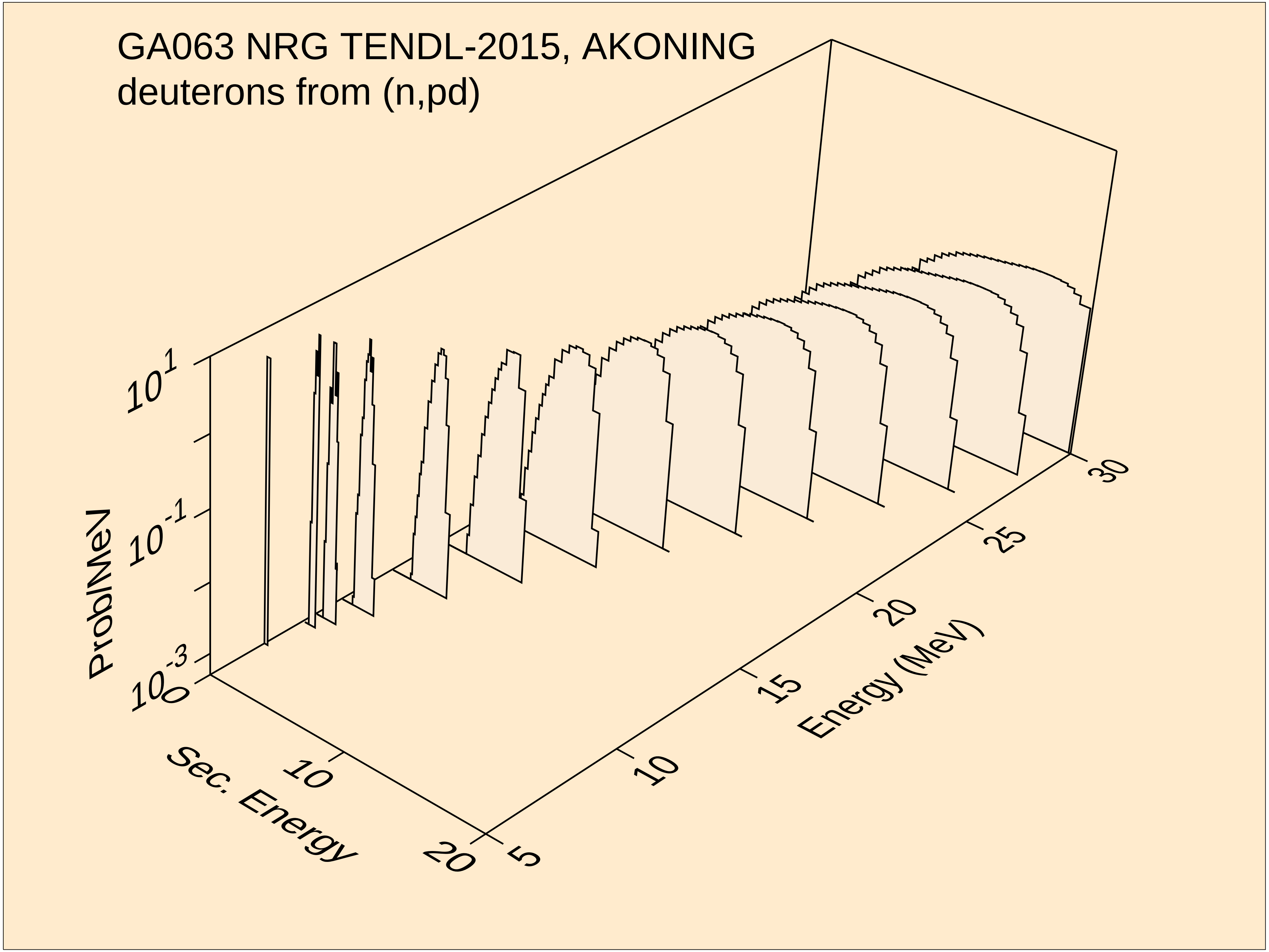
GA063 NRG TENDL-2015, AKONING
deuterons from (n,2nd)
ProbMeV
10^{-1}
10^{-3}
0
5
10
Sec. Energy
23
24
25
26
27
28
29
30
Energy (MeV)


GA063 NRG TENDL-2015, AKONING
deuterons from (n,n*)d
ProbIMeV
10^{0}
10^{-2}
0
10
20
Sec. Energy
12
14
16
18
20
22
24
26
28
30
Energy (MeV)

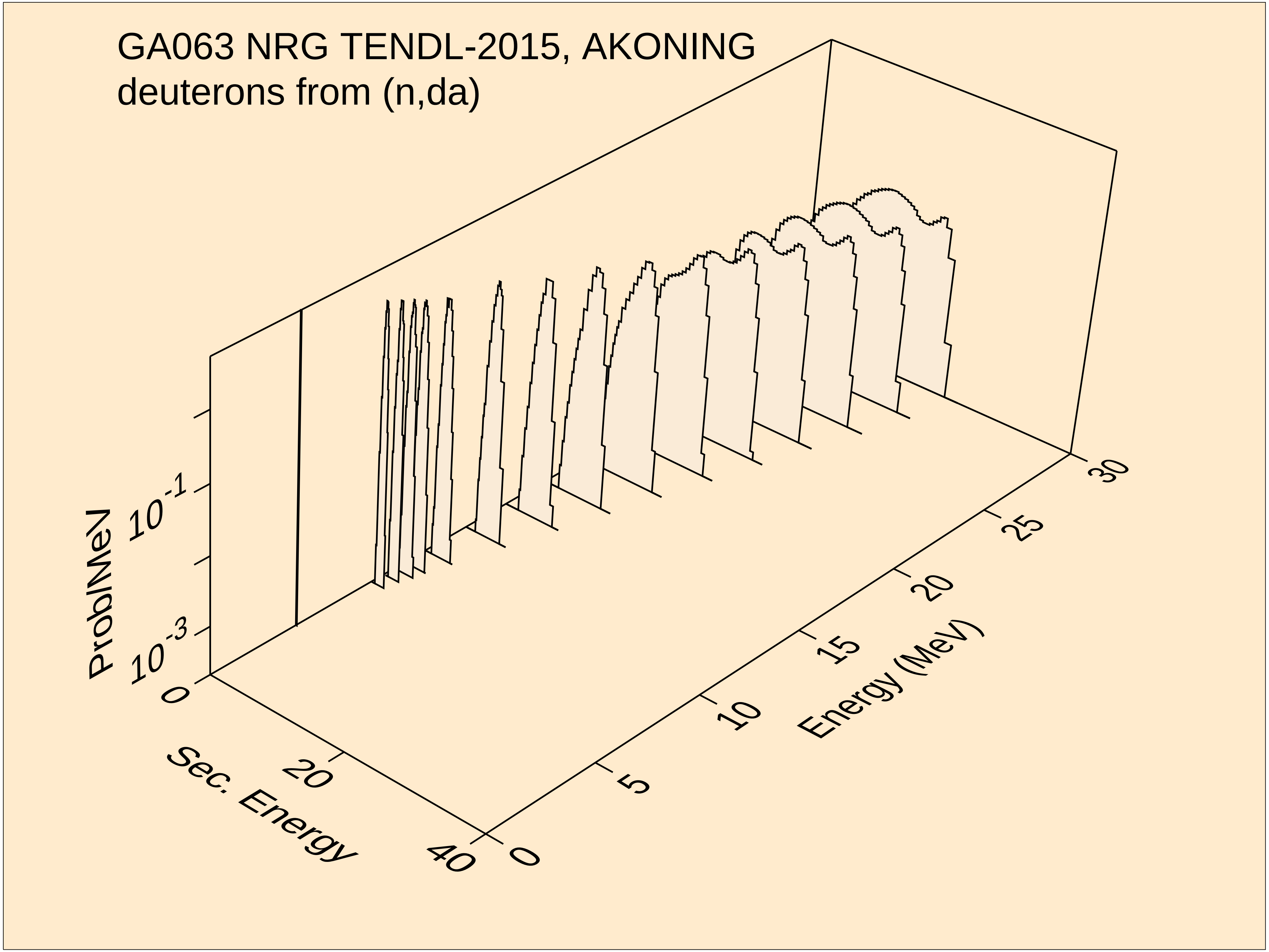


GA063 NRG TENDL-2015, AKONING
deuterons from (n,d)
ProbMeV
10^{1}
10^{-1}
10^{-3}
0
20
40
Sec. Energy
0
5
10
15
20
25
30
Energy (MeV)

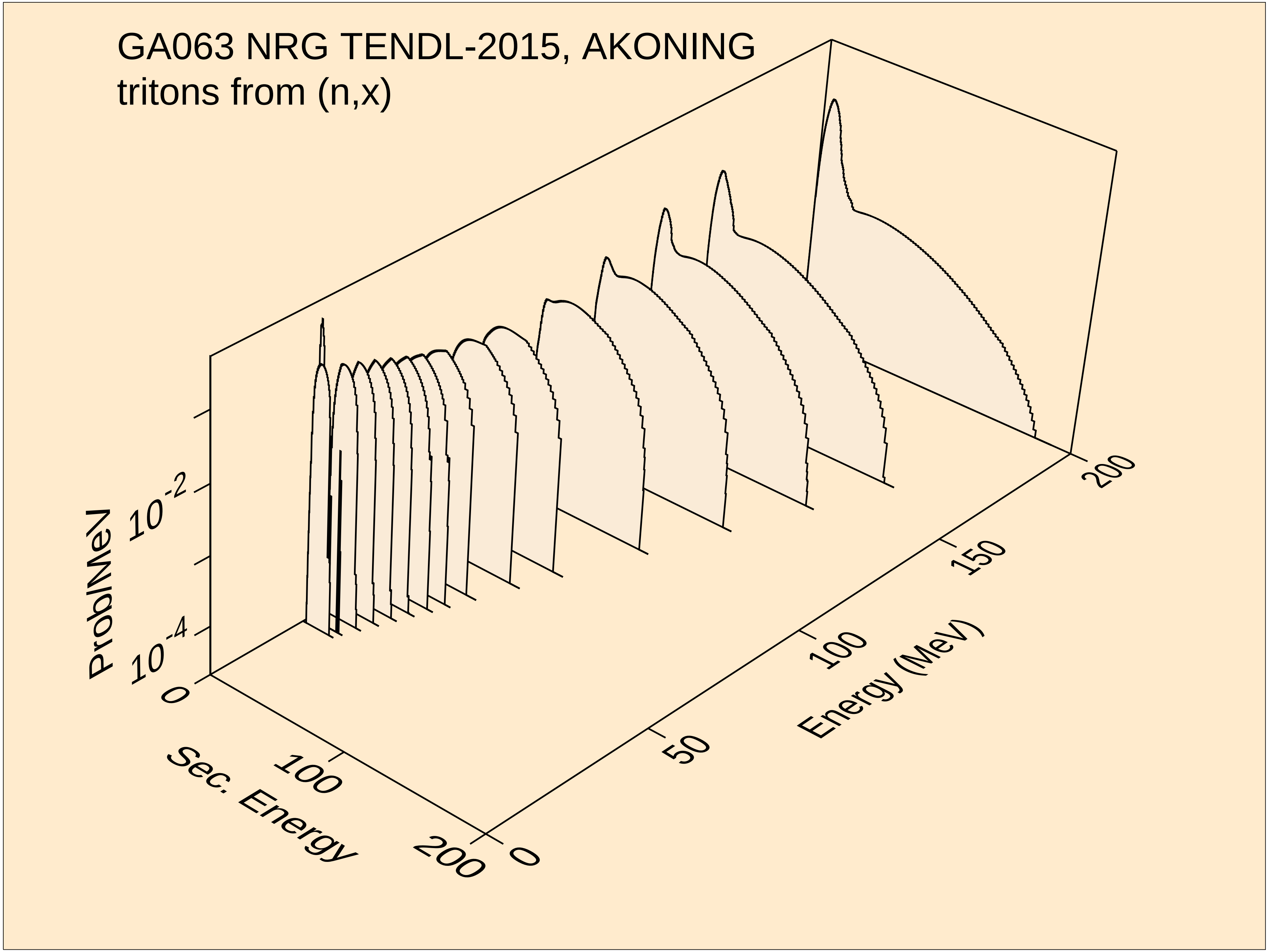

GA063 NRG TENDL-2015, AKONING
deuterons from (n,d2a)
ProbMeV
10^0
10^{-2}
0
Sec. Energy
5
10
Energy (MeV)
10
12
14
16
18
20
22
24
26
28
30



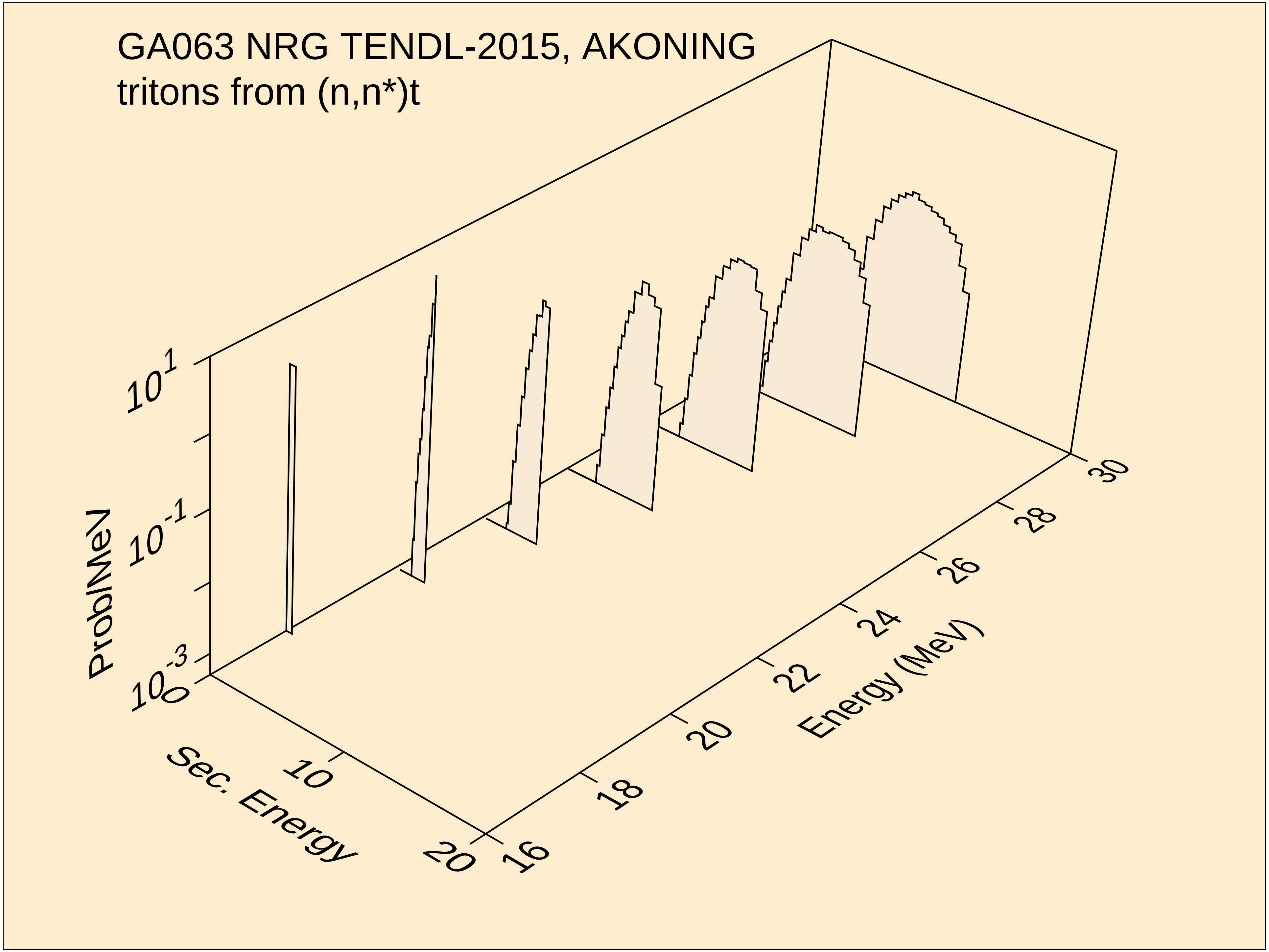
GA063 NRG TENDL-2015, AKONING
deuterons from (n,pd)
ProblMeV
10^{1}
10^{-1}
10^{-3}
0
10
20
Sec. Energy
5
10
15
20
25
30
Energy (MeV)

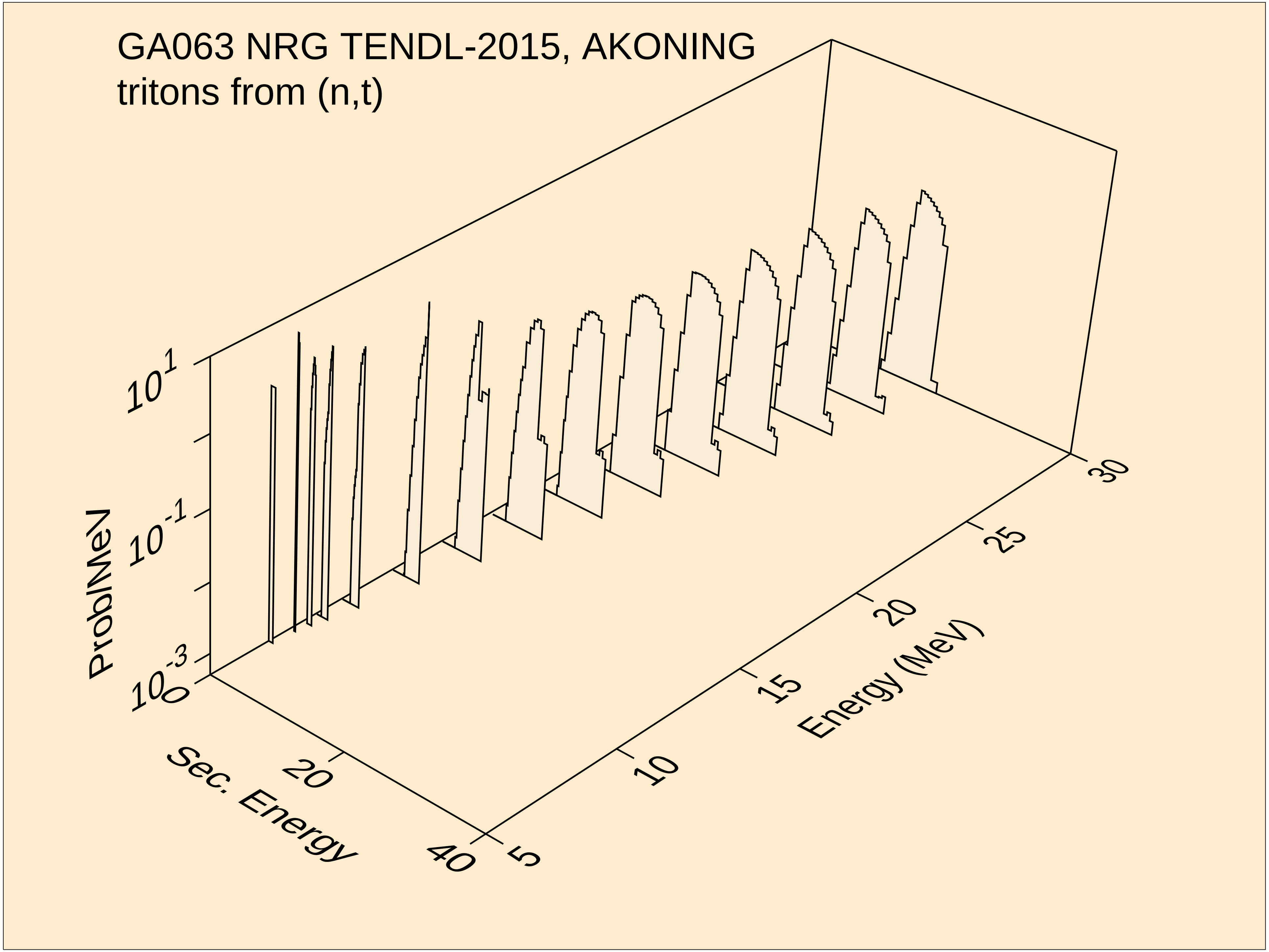


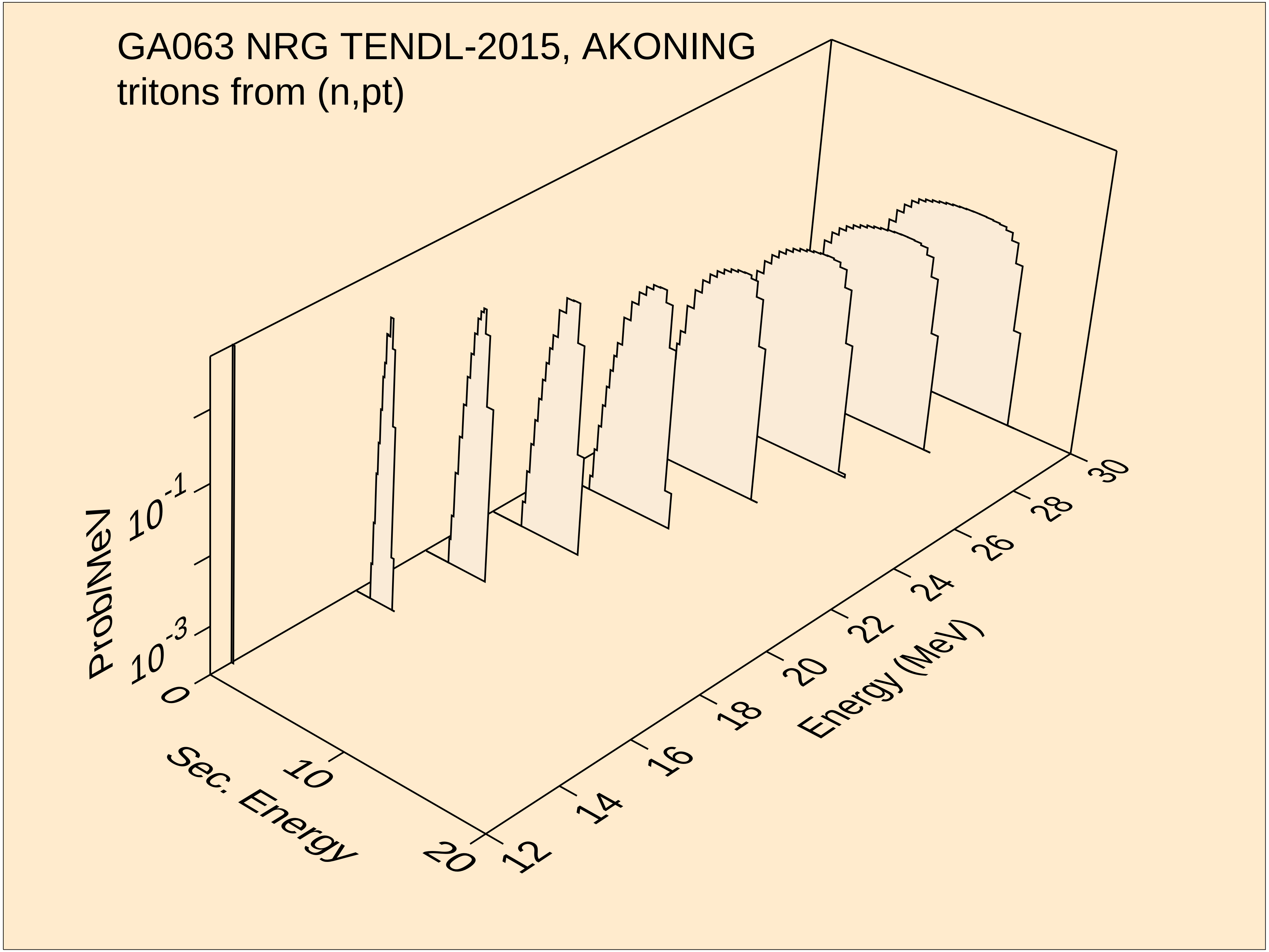
GA063 NRG TENDL-2015, AKONING
deuterons from (n,da)
ProbMeV
10^-1
10^-3
0
Sec. Energy
20
40
0
5
10
15
20
25
30
Energy (MeV)

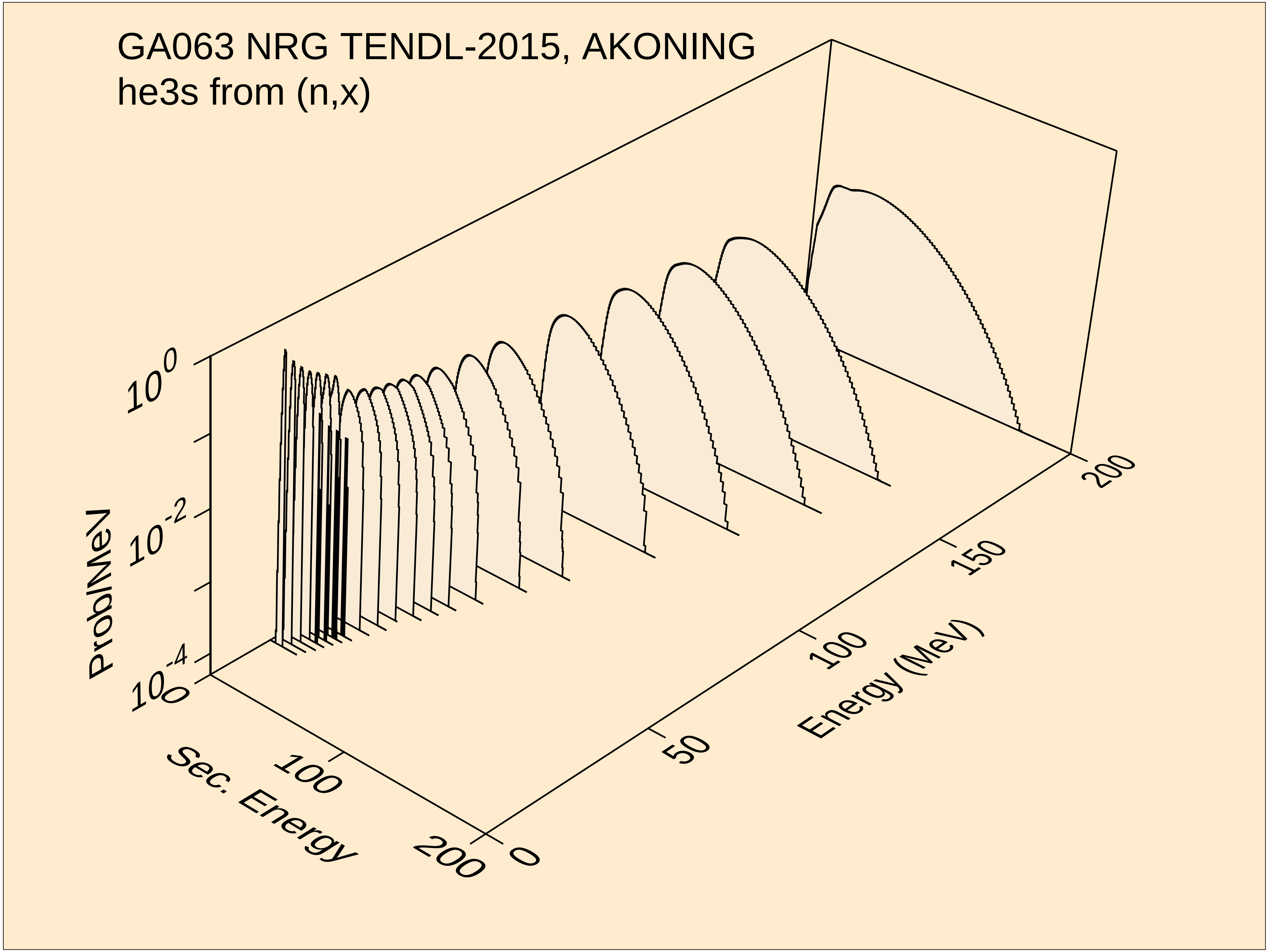


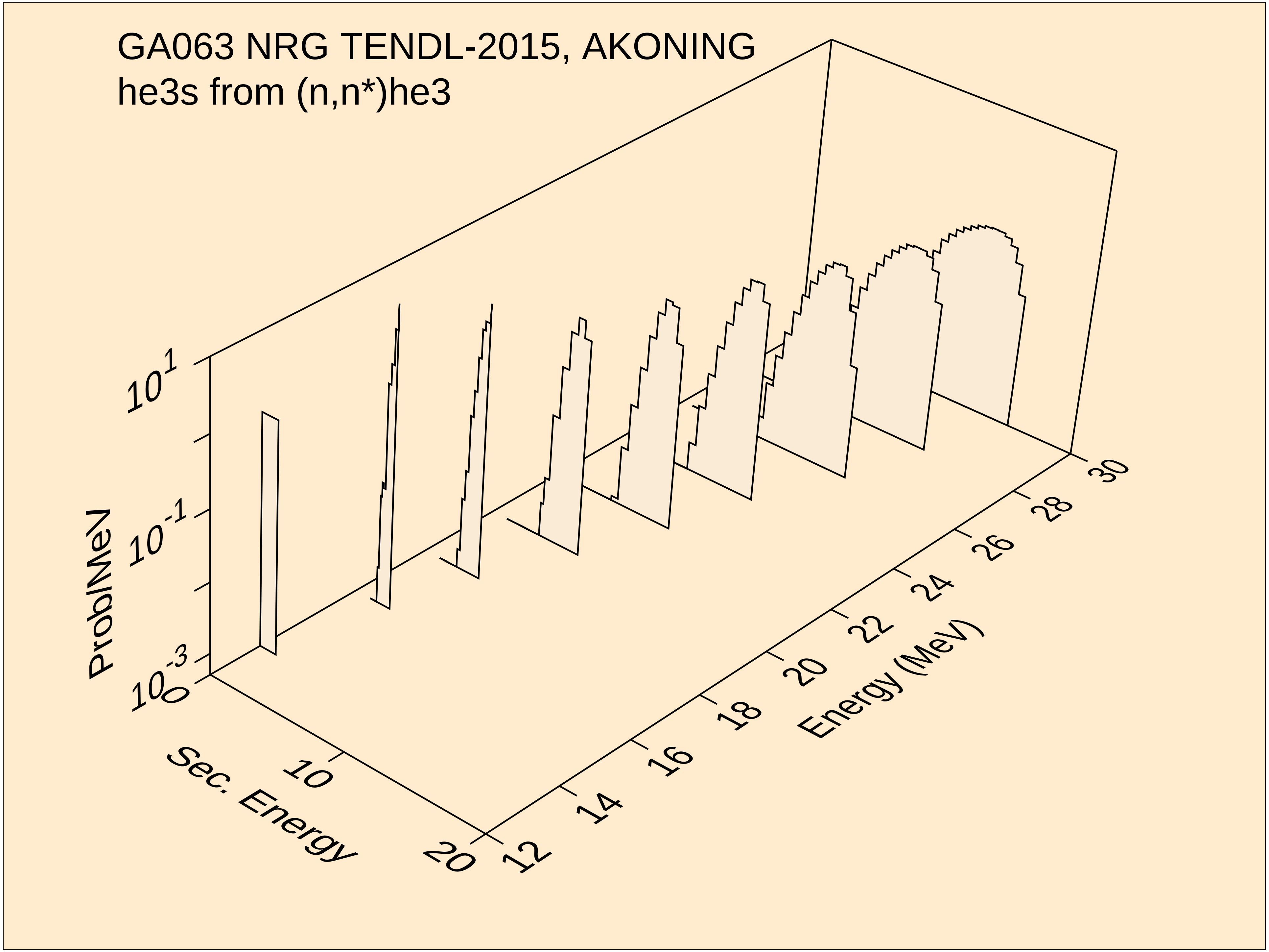
GA063 NRG TENDL-2015, AKONING
tritons from (n,x)
ProbIMeV
10^{-2}
10^{-4}
0
100
200
Sec. Energy
0
50
100
150
200
Energy (MeV)

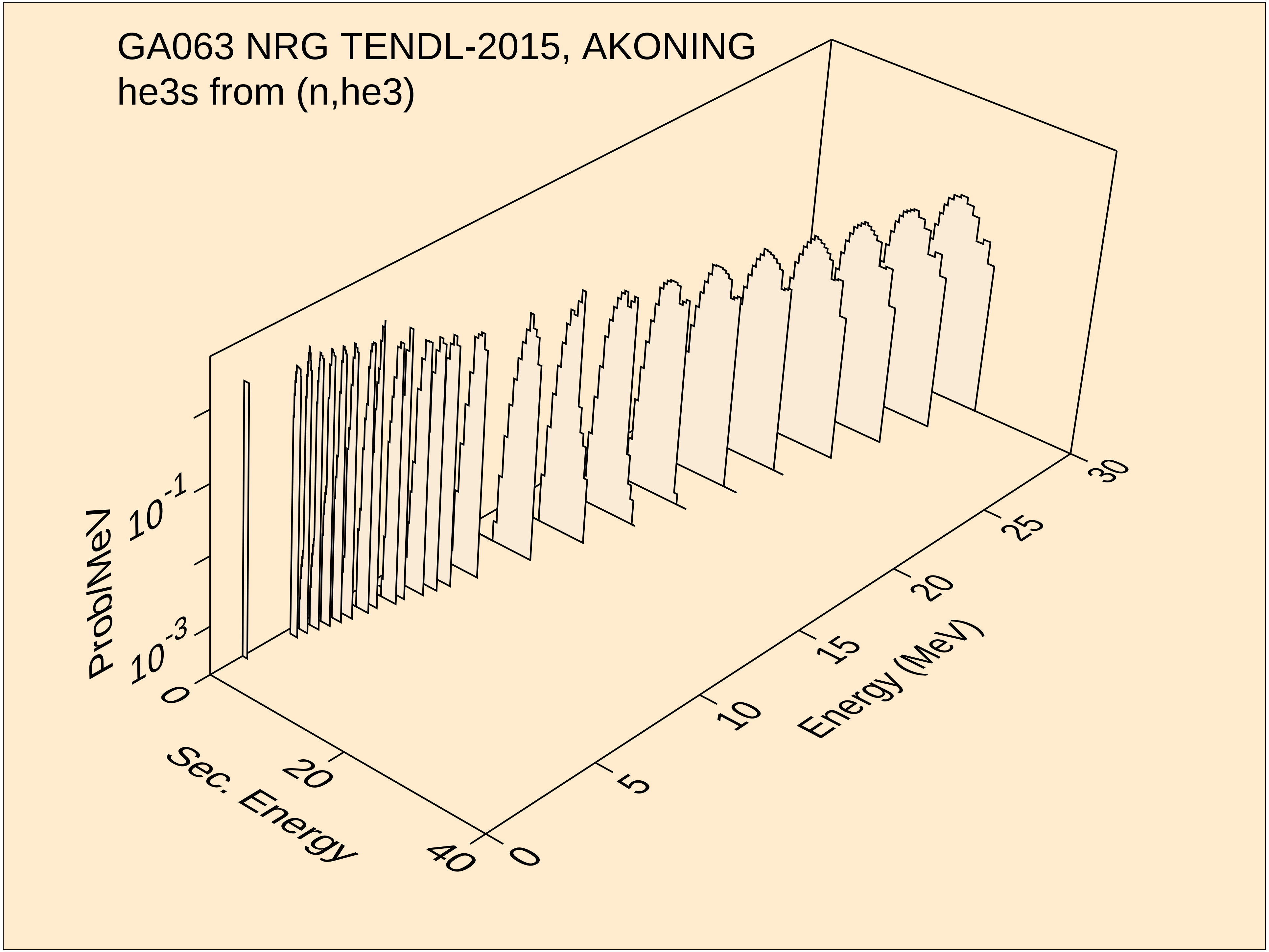

GA063 NRG TENDL-2015, AKONING
tritons from (n,n*)t
ProblMeV
10^{1}
10^{-1}
10^{-3}
Sec. Energy
0
10
20
Energy (MeV)
16
18
20
22
24
26
28
30

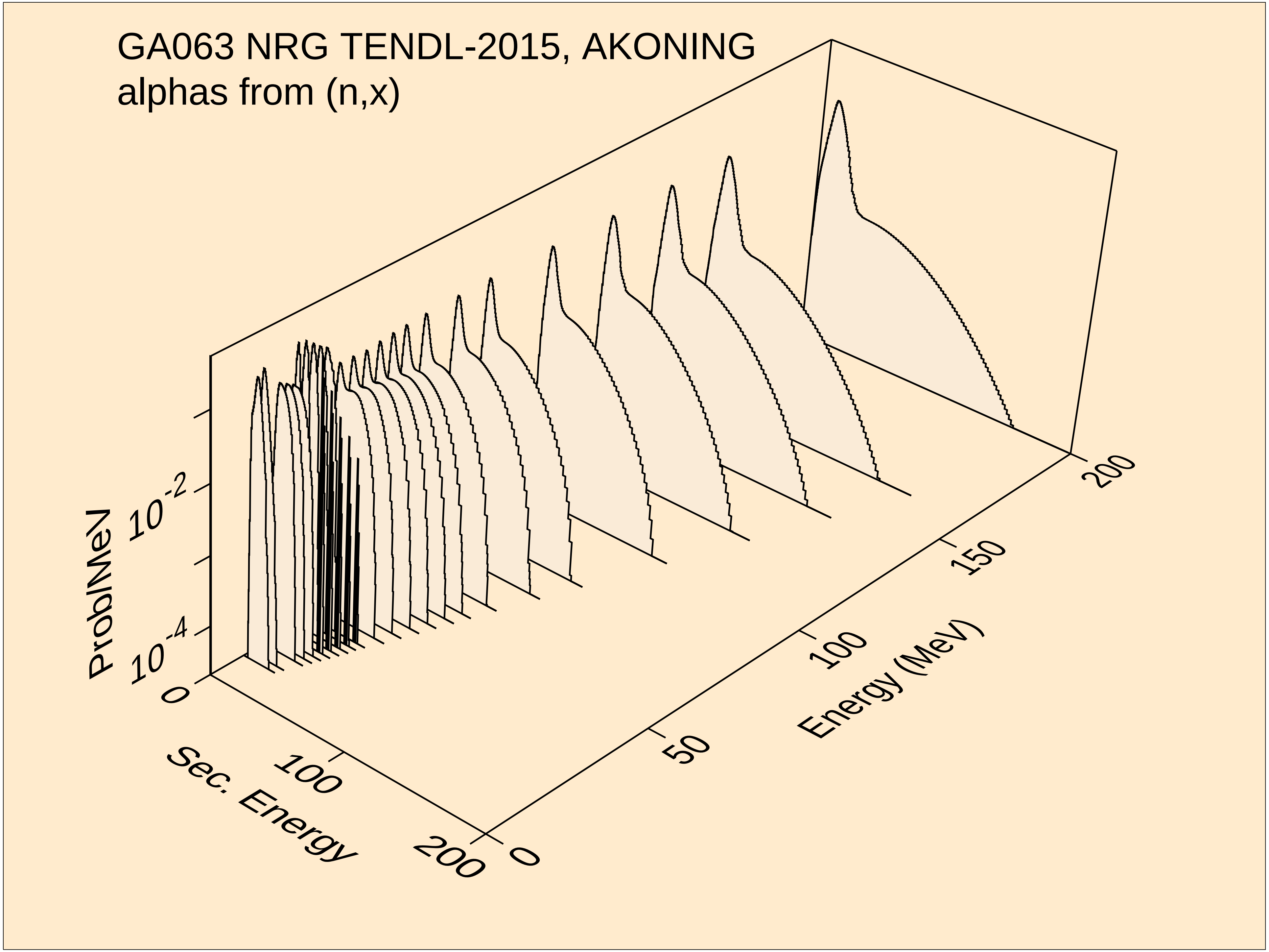

GA063 NRG TENDL-2015, AKONING
tritons from (n,t)
ProbIMeV
10^{1}
10^{-1}
10^{-3}
0
20
40
Sec. Energy
5
10
15
20
25
30
Energy (MeV)


GA063 NRG TENDL-2015, AKONING
tritons from (n,pt)
Prob/MeV
10^{-1}
10^{-3}
0
Sec. Energy
10
20
12
14
16
18
20
22
24
26
28
30
Energy (MeV)

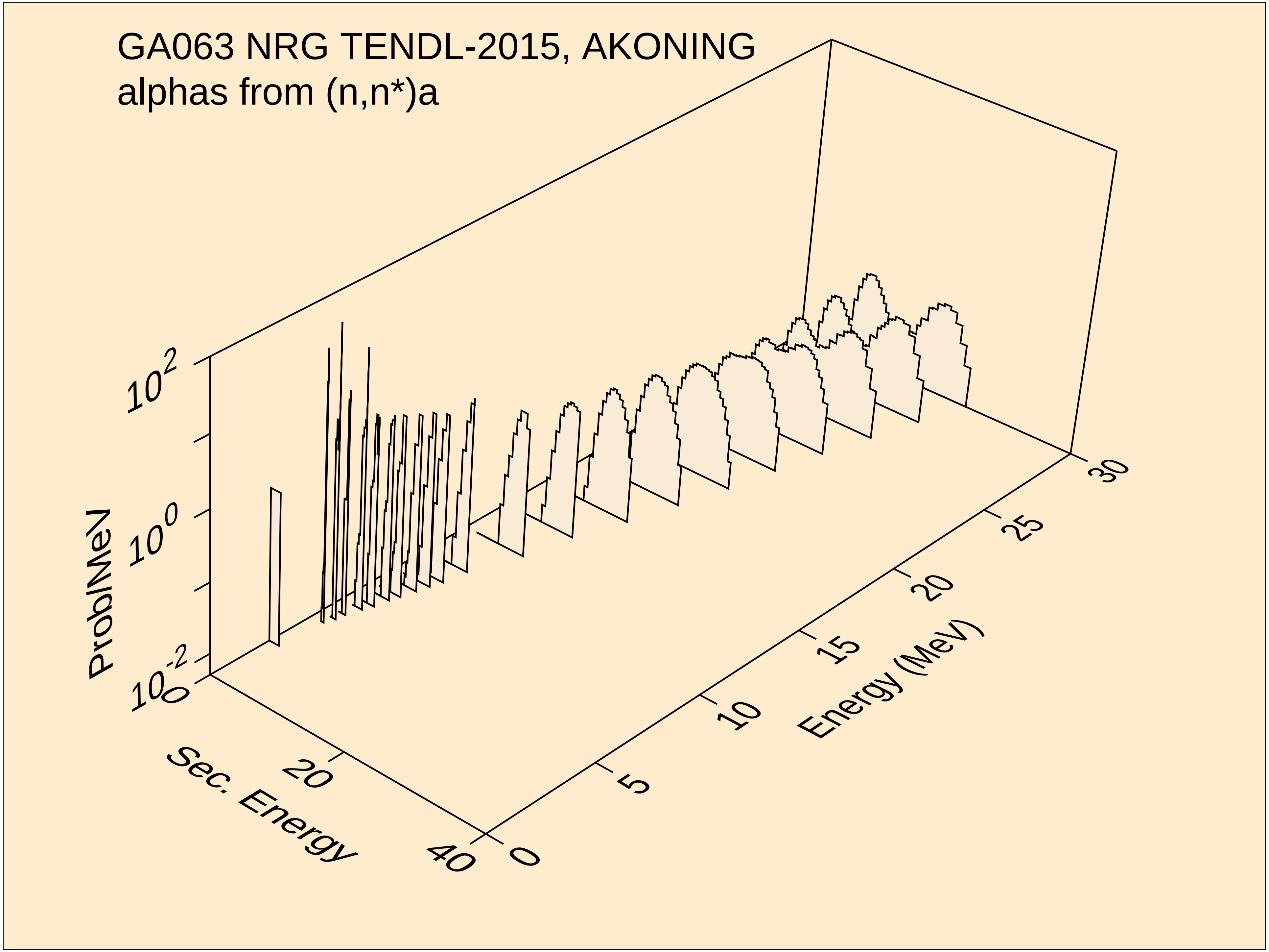

GA063 NRG TENDL-2015, AKONING
he3s from (n,x)
ProblMeV
10^0
10^-2
10^-4
0
100
200
Sec. Energy
0
50
100
150
200
Energy (MeV)

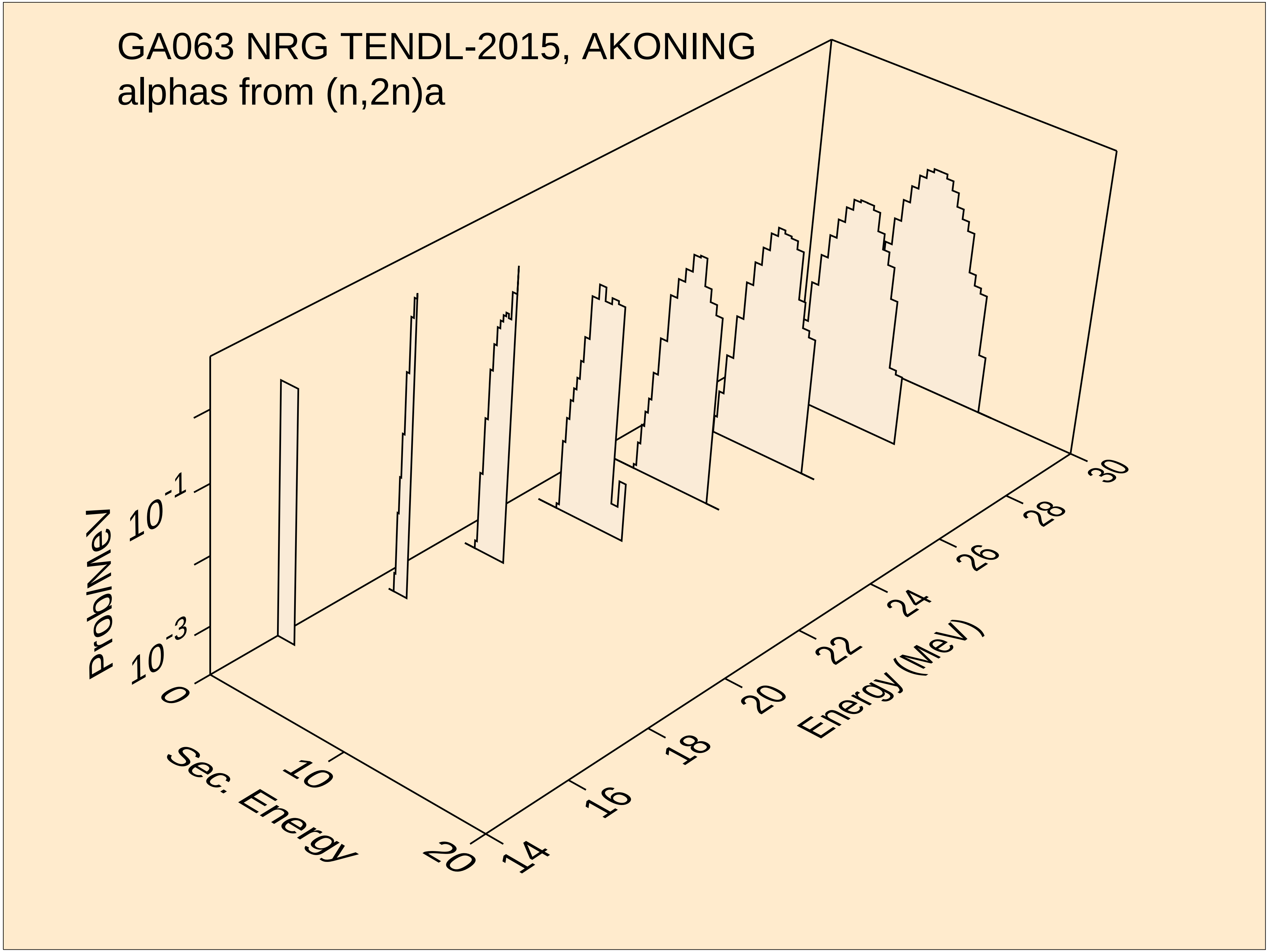

GA063 NRG TENDL-2015, AKONING
he3s from (n,n*)he3
ProbMeV
10^1
10^-1
10^-3
0
10
20
Sec. Energy
12
14
16
18
20
22
24
26
28
30
Energy (MeV)

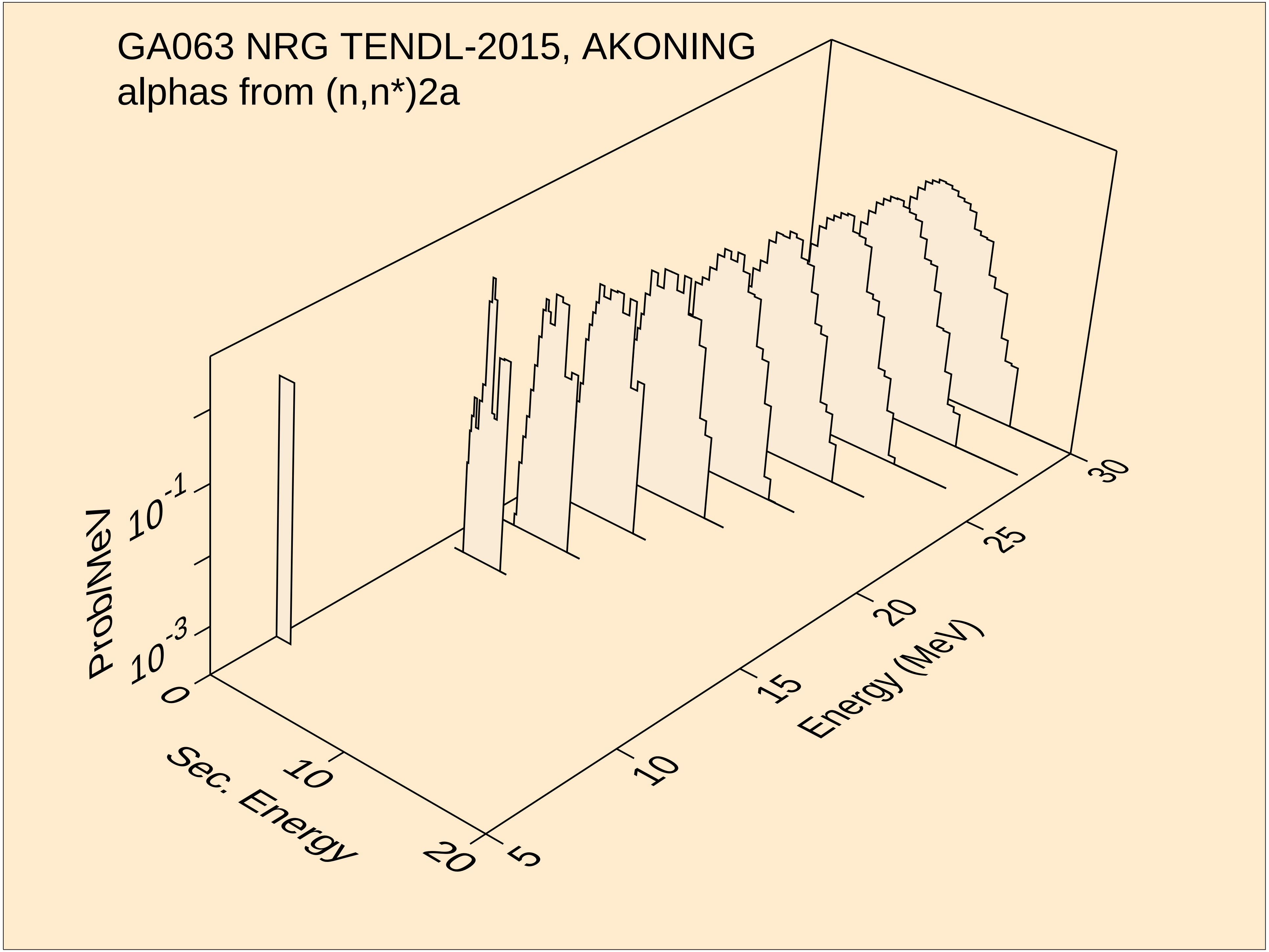

GA063 NRG TENDL-2015, AKONING
he3s from (n,he3)
ProbMeV
10^{-1}
10^{-3}
0
Sec. Energy
20
40
0
5
10
15
20
25
30
Energy (MeV)

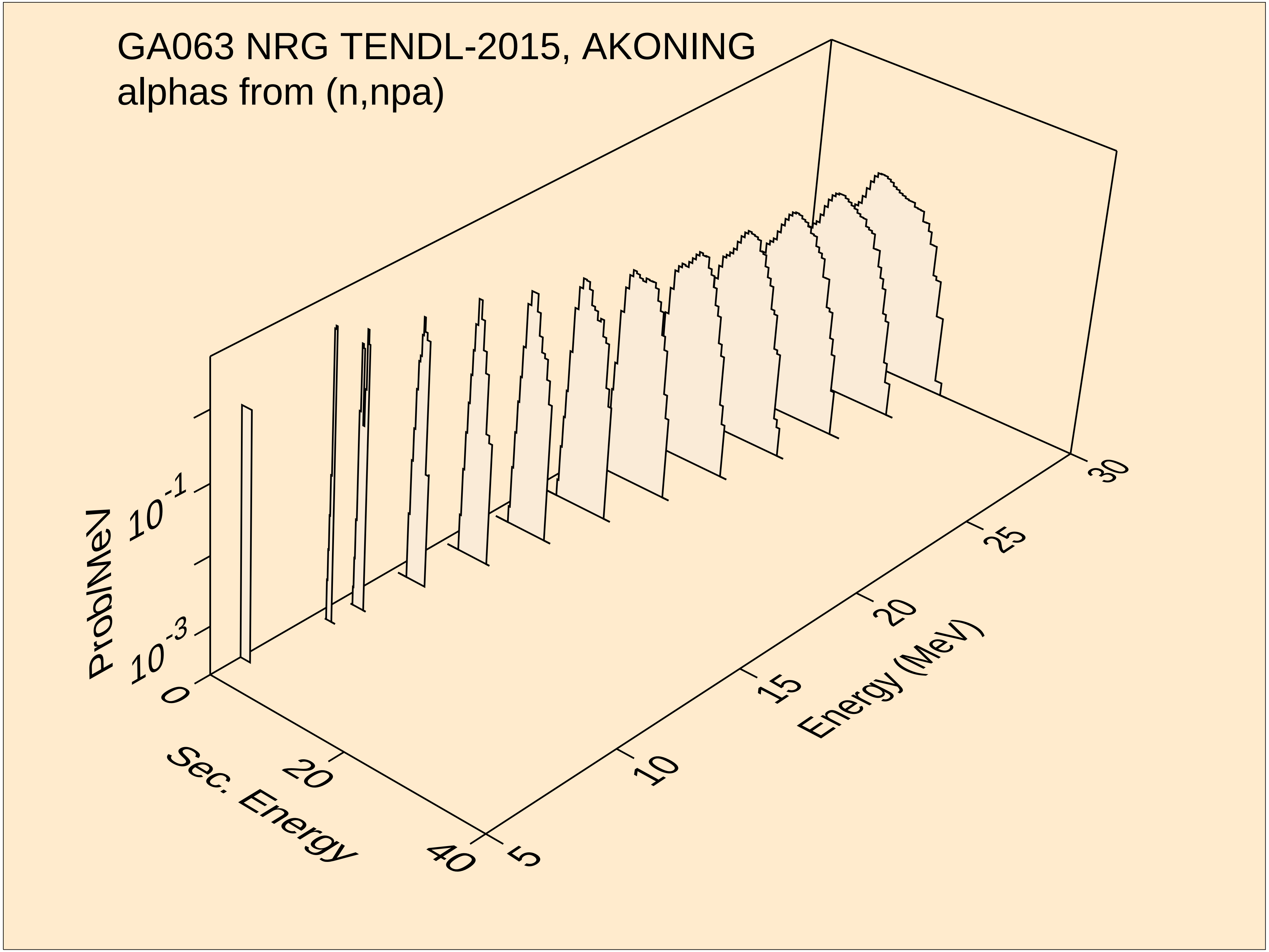


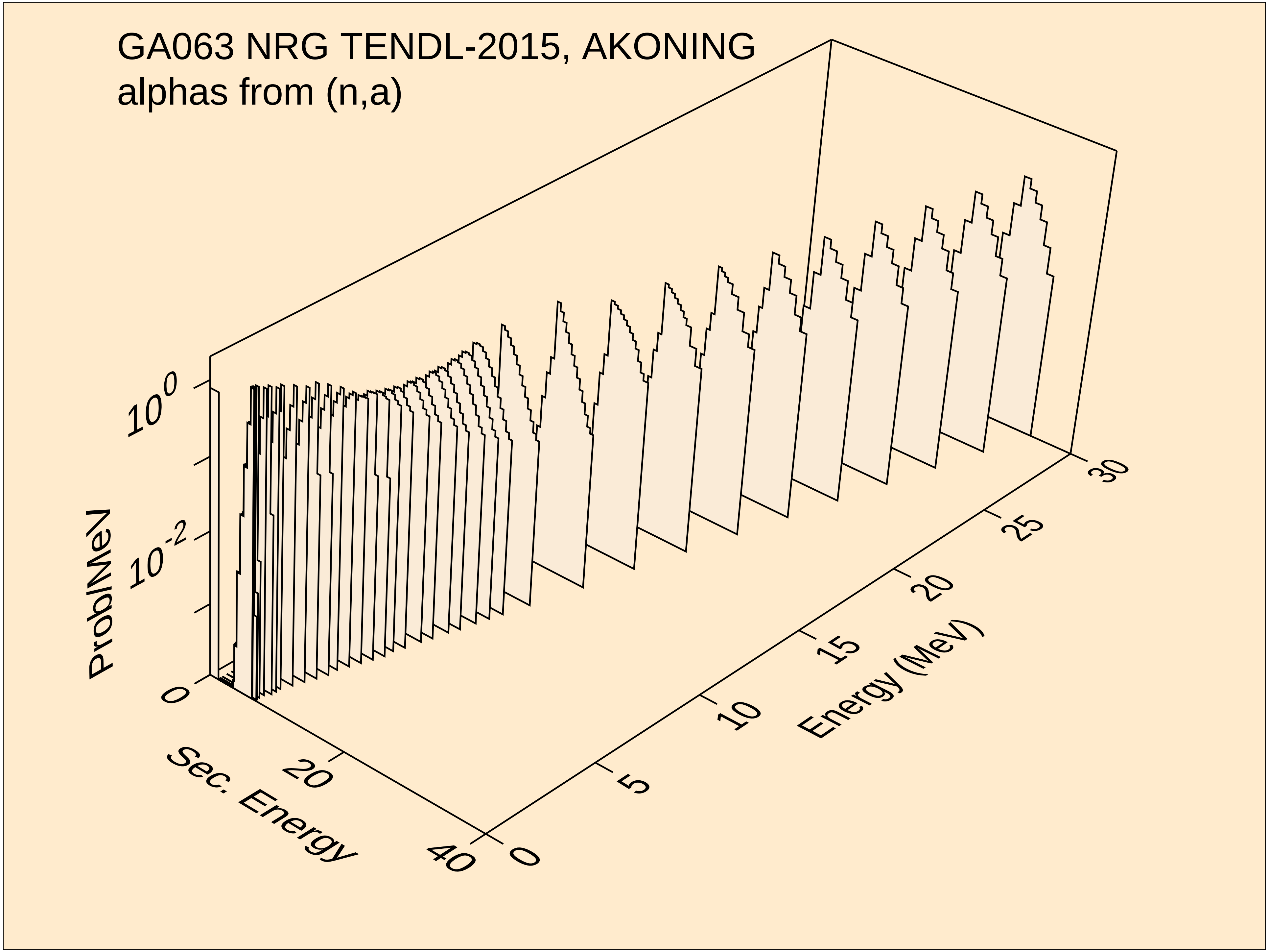
GA063 NRG TENDL-2015, AKONING
alphas from (n,x)
ProbMeV
10^{-2}
10^{-4}
0
Sec. Energy
100
200
0
50
100
150
200
Energy (MeV)

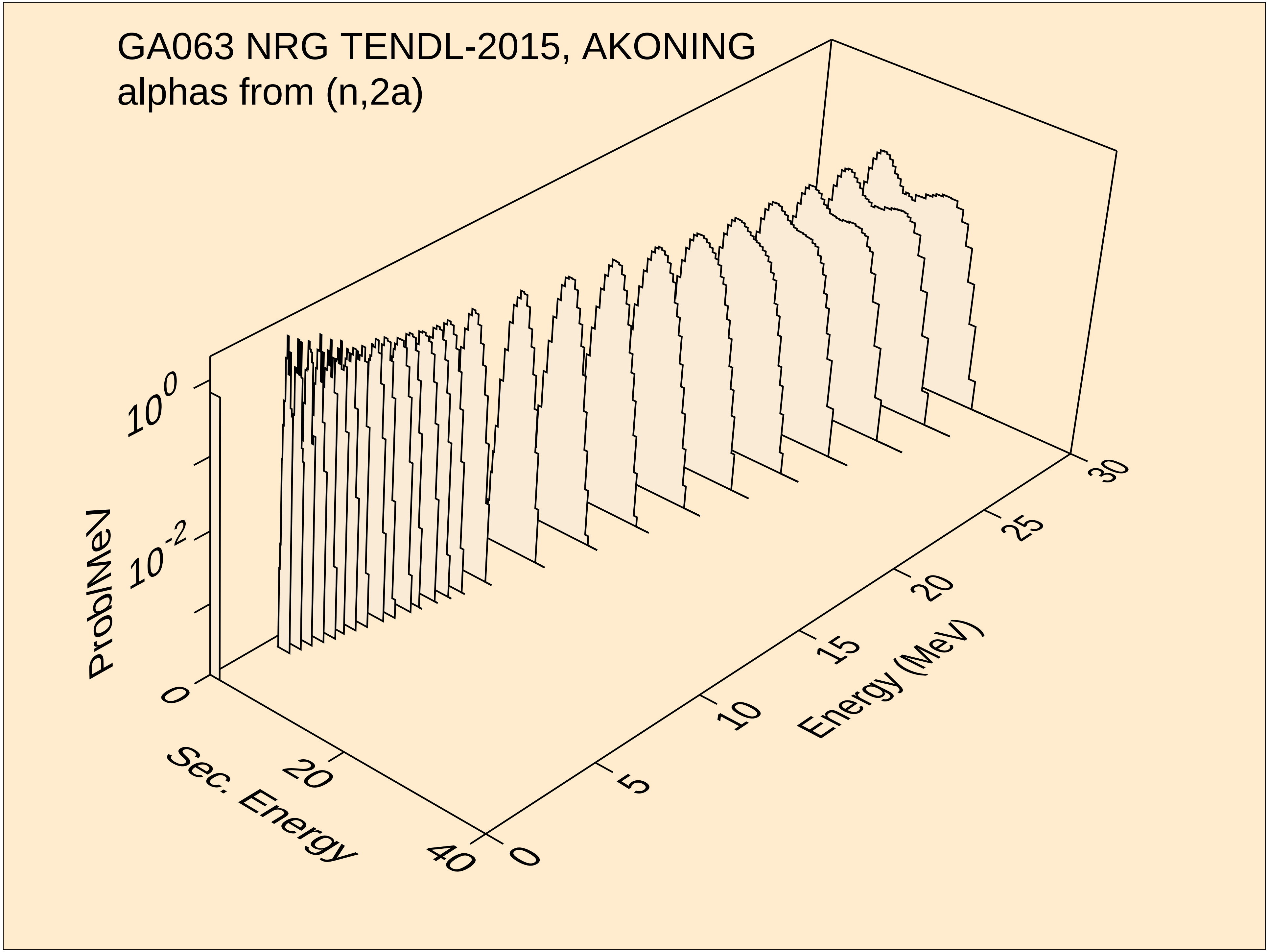

GA063 NRG TENDL-2015, AKONING
alphas from (n,n*)a
ProbMeV
10^{2}
10^{0}
10^{-2}
0
20
40
Sec. Energy
0
5
10
15
20
25
30
Energy (MeV)


GA063 NRG TENDL-2015, AKONING
alphas from (n,2n)a
ProbMeV
10^{-1}
10^{-3}
0
Sec. Energy
10
20
14
16
18
20
22
24
26
28
30
Energy (MeV)

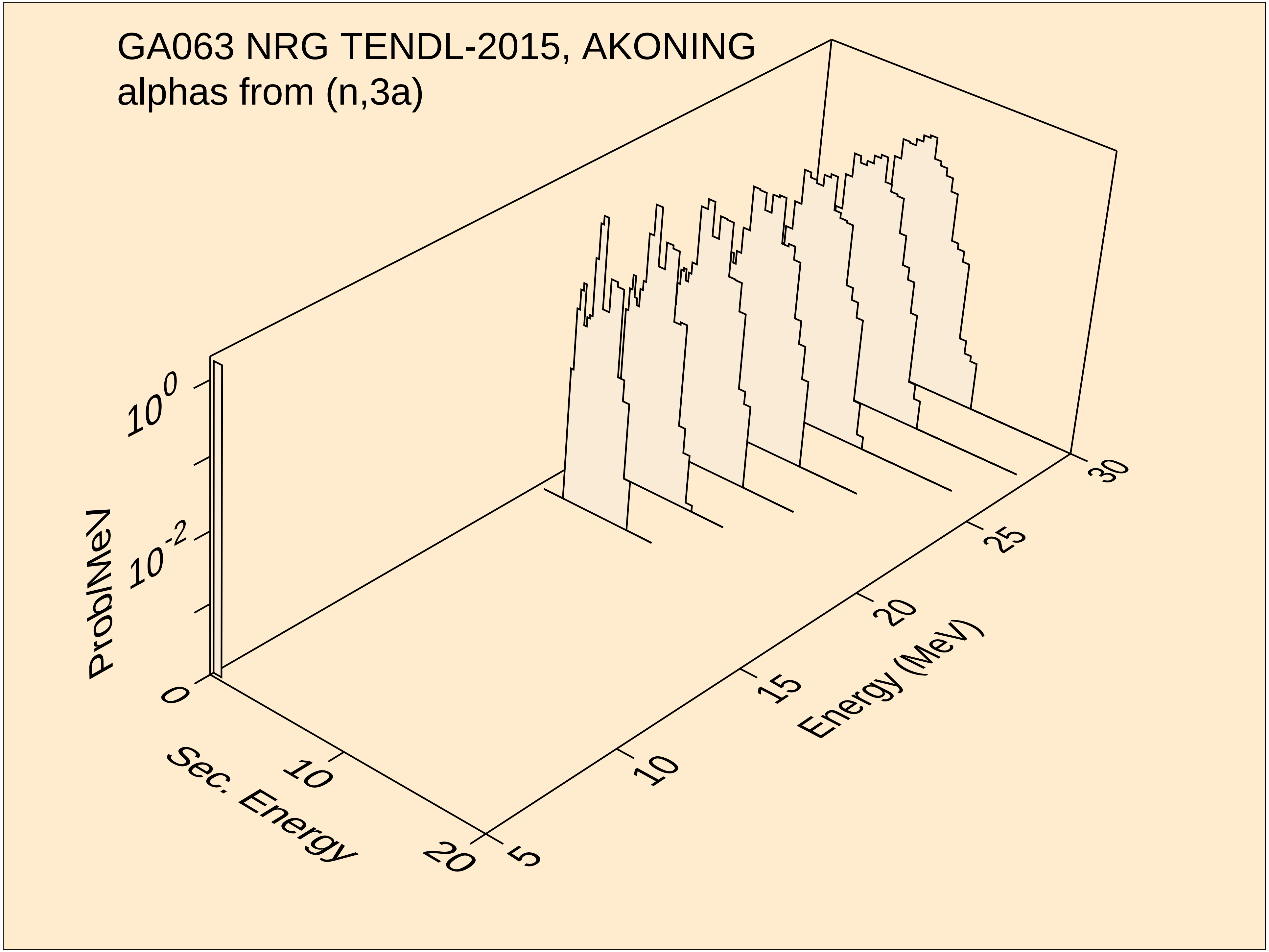

GA063 NRG TENDL-2015, AKONING
alphas from (n,n*)2a
Prob/MeV
10^{-1}
10^{-3}
0
Sec. Energy
10
20
Energy (MeV)
5
10
15
20
25
30


GA063 NRG TENDL-2015, AKONING
alphas from (n,npa)
ProbMeV
10-1
10-3
0
20
40
Sec. Energy
5
10
15
20
25
30
Energy (MeV)

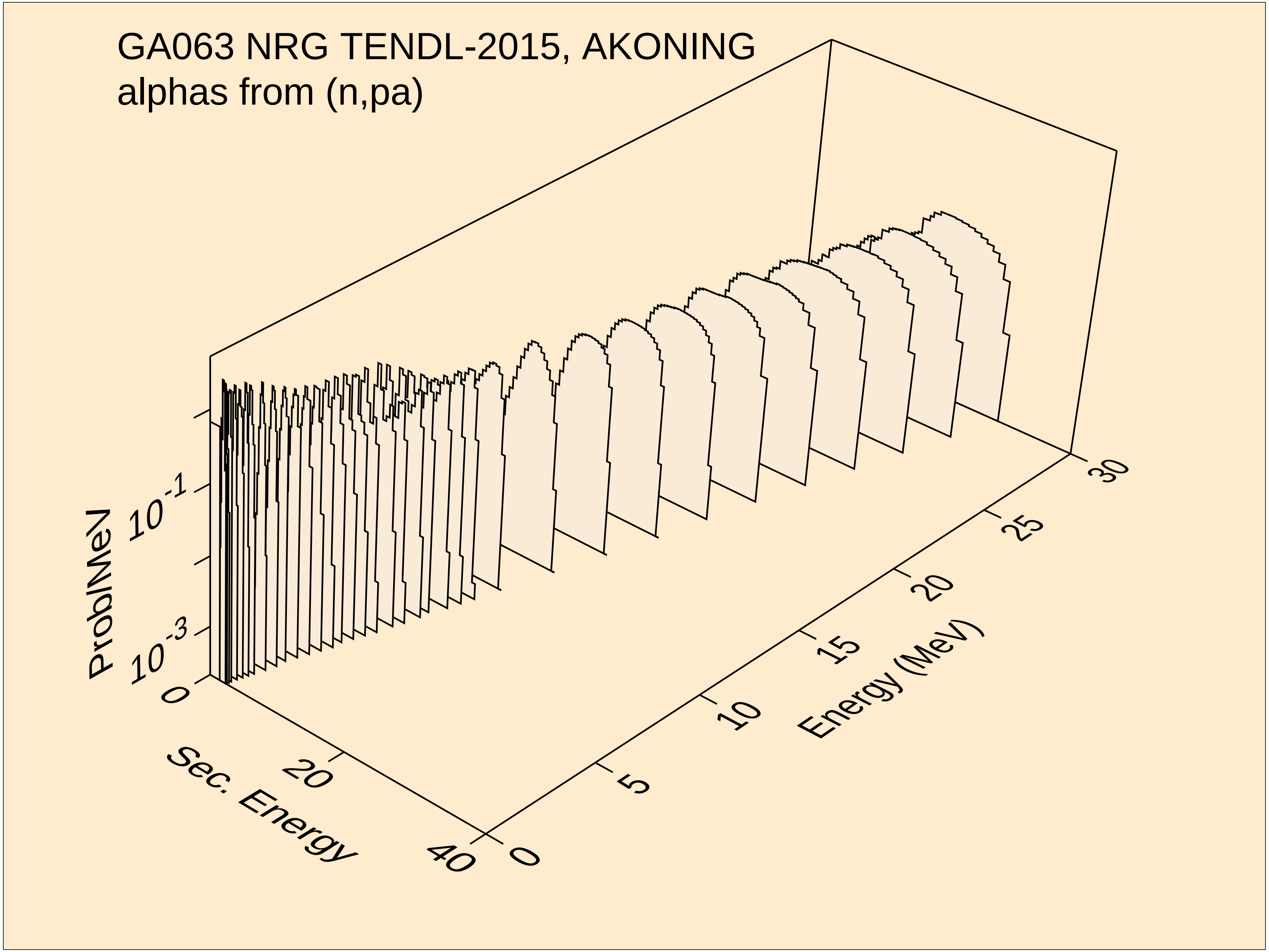

GA063 NRG TENDL-2015, AKONING
alphas from (n,a)
ProblMeV
10^0
10^{-2}
0
Sec. Energy
20
40
Energy (MeV)
0
5
10
15
20
25
30



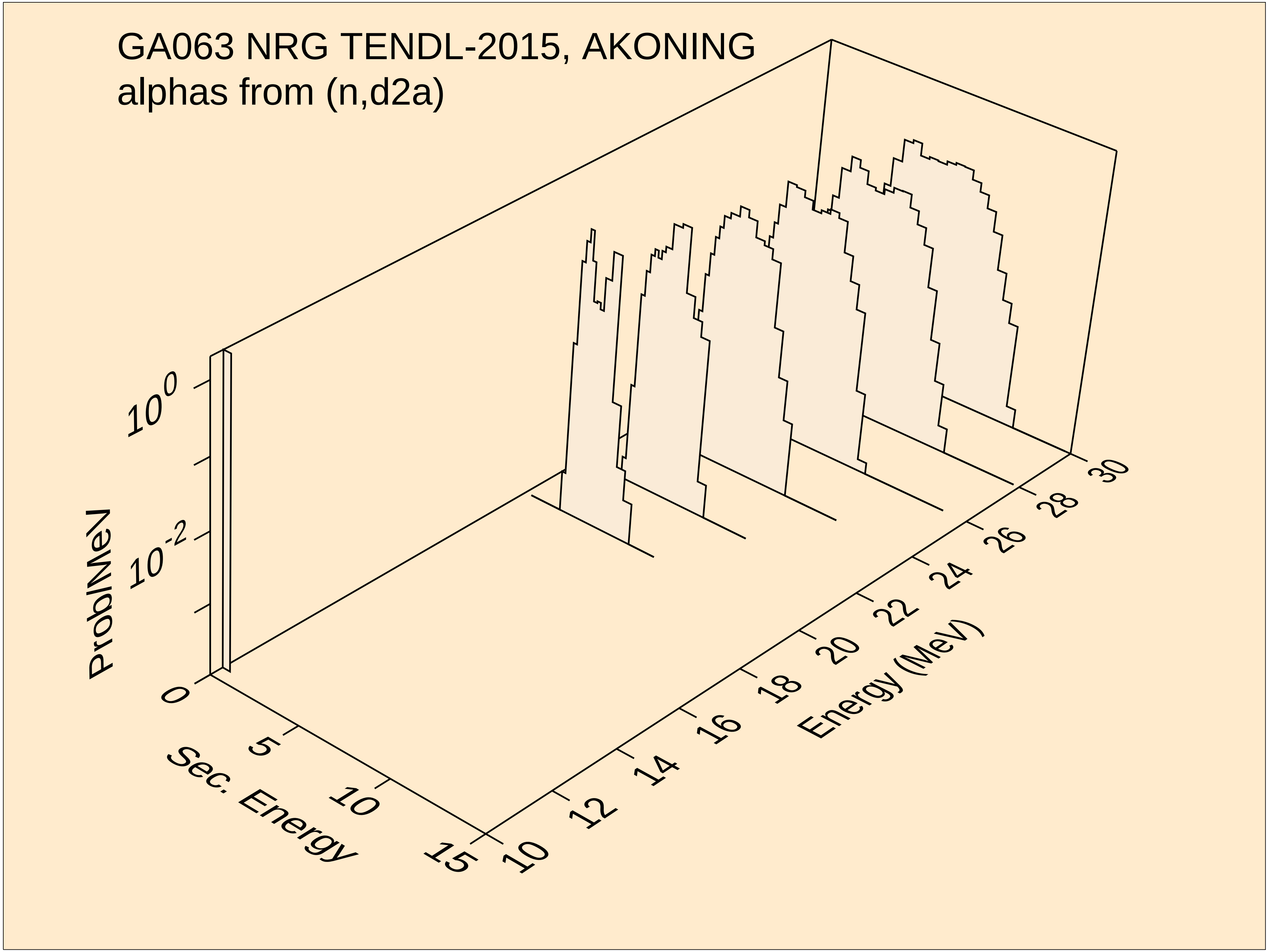
GA063 NRG TENDL-2015, AKONING
alphas from (n,2a)
ProbMeV
10^{0}
10^{-2}
0
20
40
Sec. Energy
0
5
10
15
20
25
30
Energy (MeV)

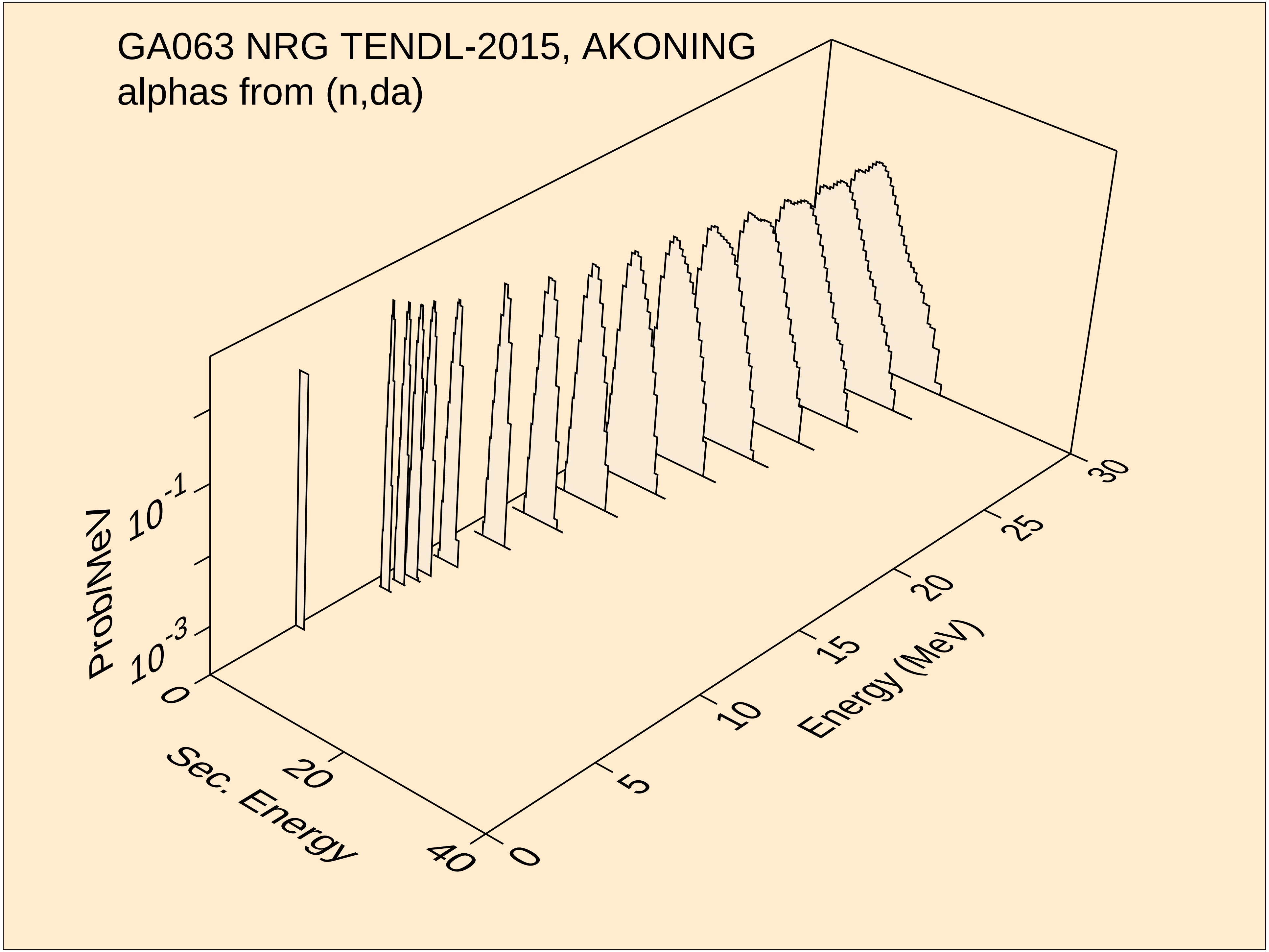


GA063 NRG TENDL-2015, AKONING
alphas from (n,3a)
ProbIMeV
10^{0}
10^{-2}
0
Sec. Energy
10
20
Energy (MeV)
5
10
15
20
25
30



GA063 NRG TENDL-2015, AKONING
alphas from (n,pa)
ProbMeV
10^{-1}
10^{-3}
0
Sec. Energy
20
40
0
5
10
15
20
25
30
Energy (MeV)


GA063 NRG TENDL-2015, AKONING
alphas from (n,d2a)
ProbMeV
10^0
10^{-2}
0
5
10
15
Sec. Energy
10
12
14
16
18
20
22
24
26
28
30
Energy (MeV)


GA063 NRG TENDL-2015, AKONING
alphas from (n,da)
Prob/MeV
10^{-1}
10^{-3}
0
Sec. Energy
20
40
0
5
10
15
20
25
30
Energy (MeV)