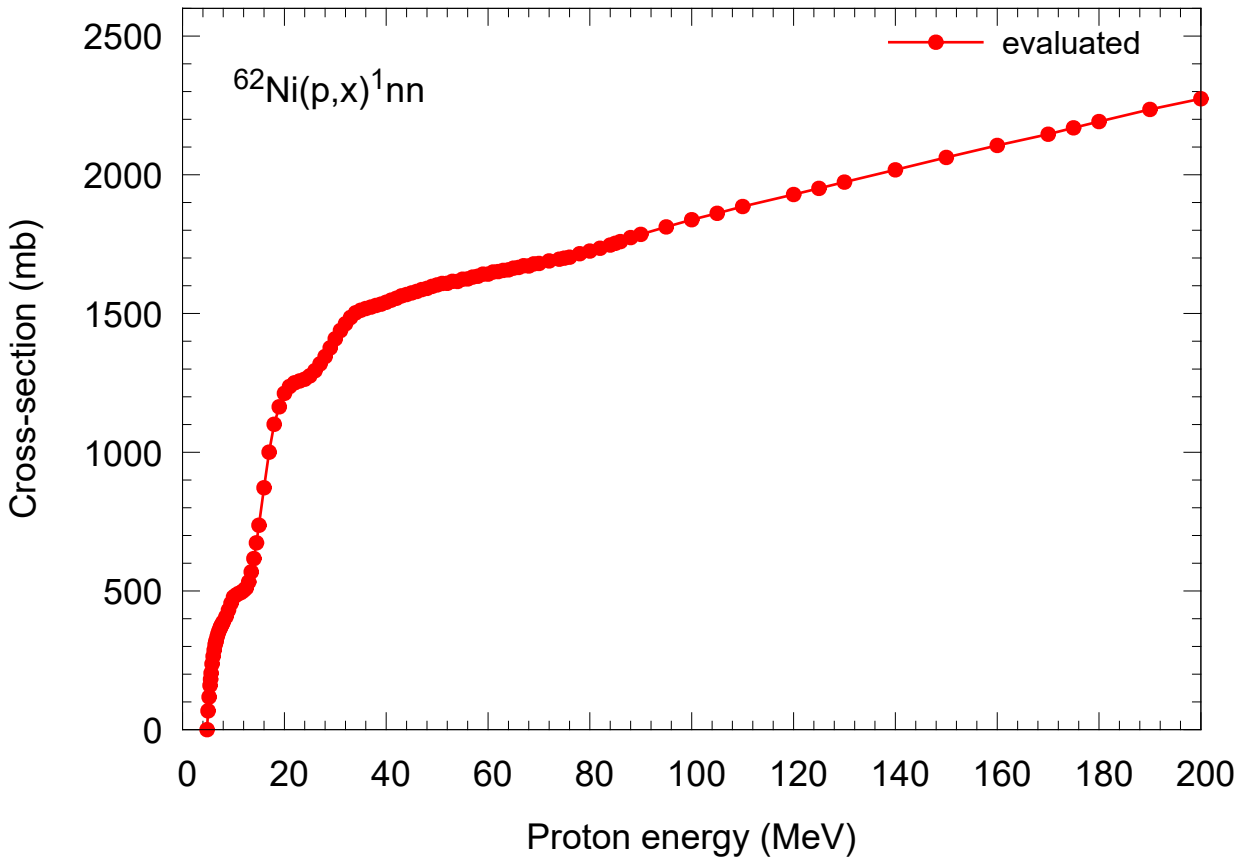
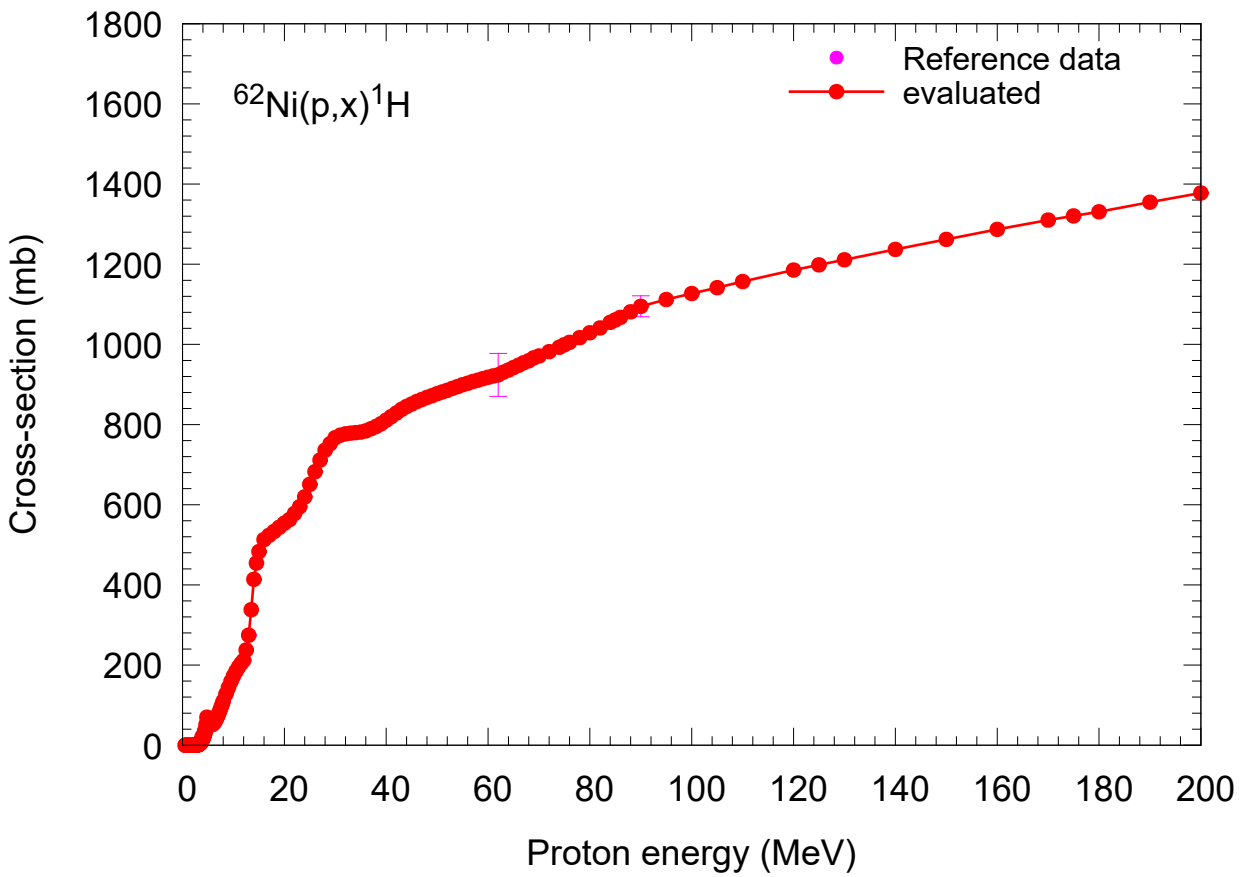
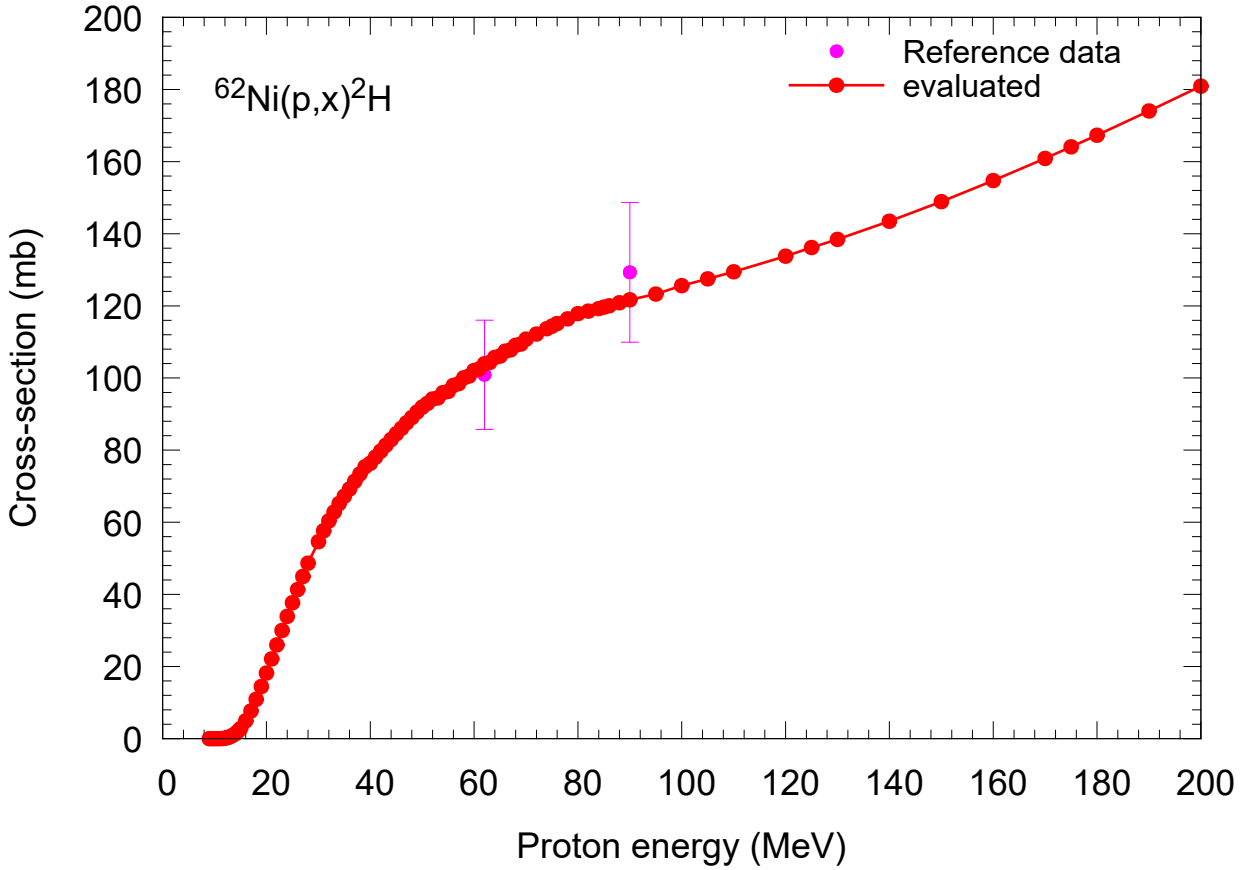
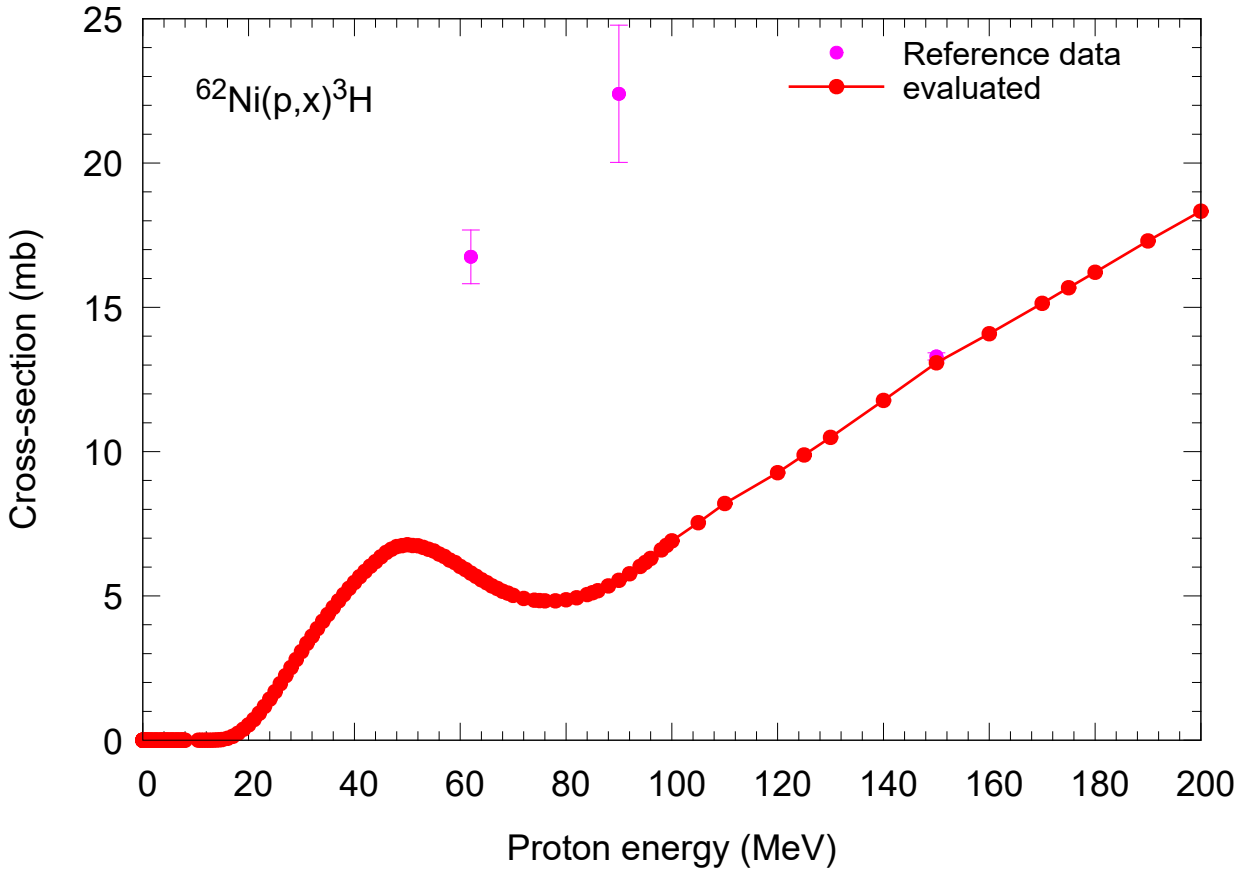
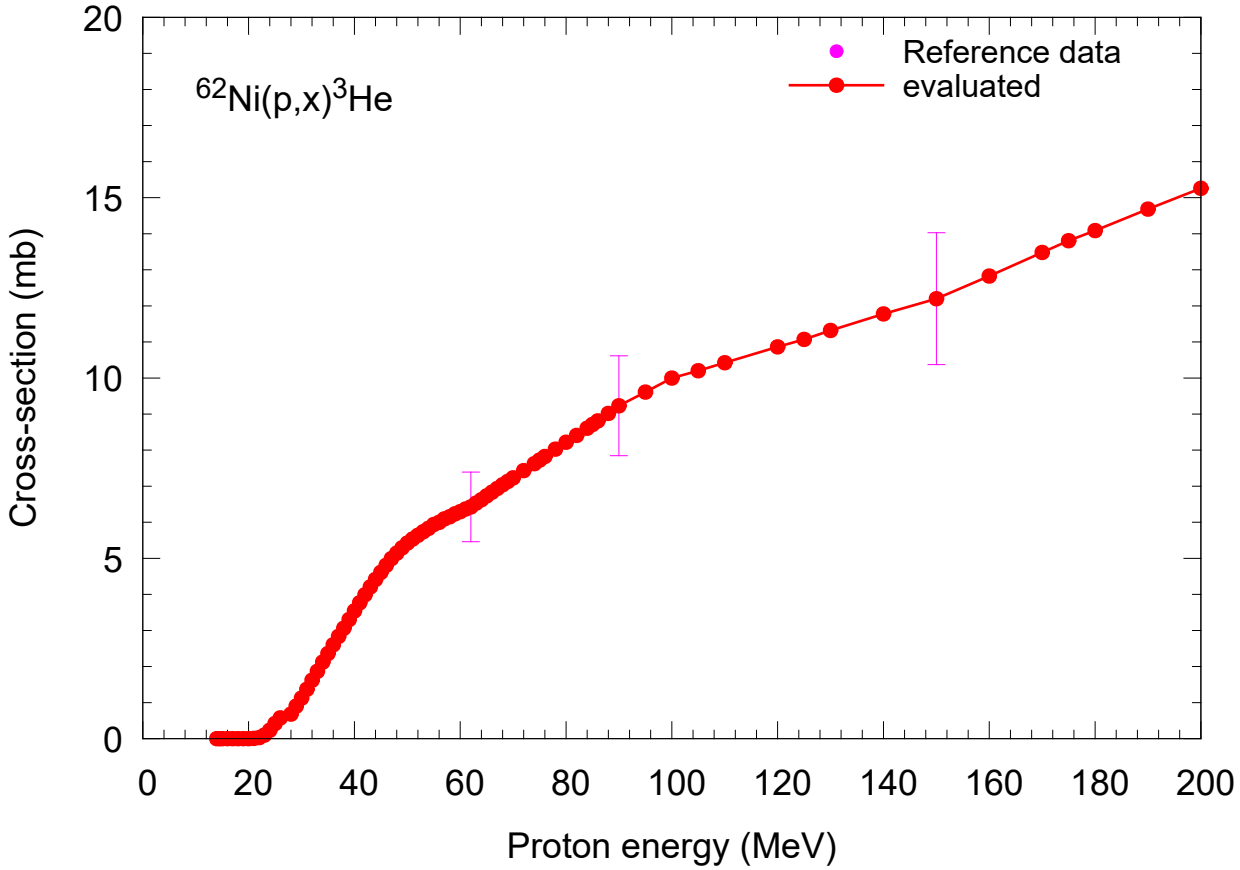
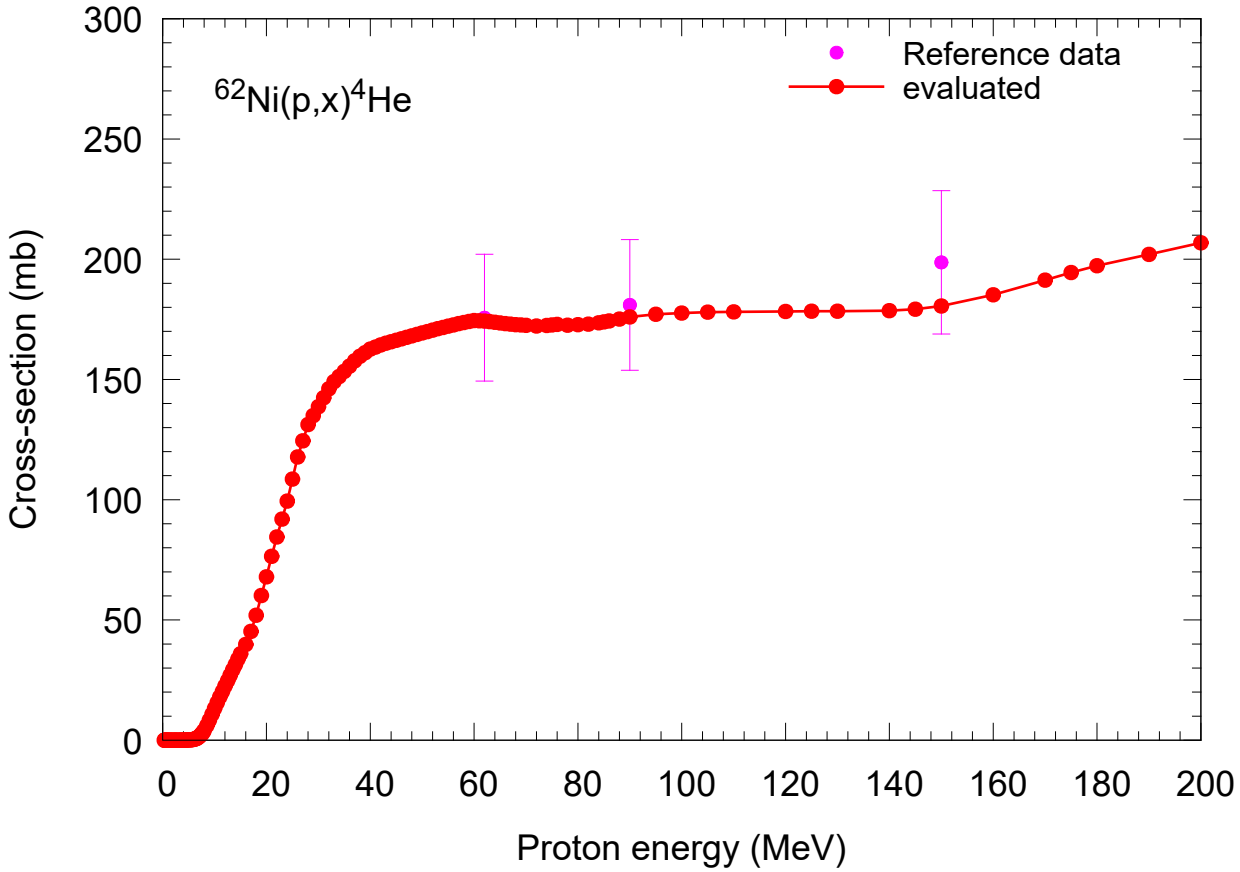

evaluated
^{62}Ni(p,x)^{1}nn
Cross-section (mb)
Proton energy (MeV)
0
500
1000
1500
2000
2500
0
20
40
60
80
100
120
140
160
180
200

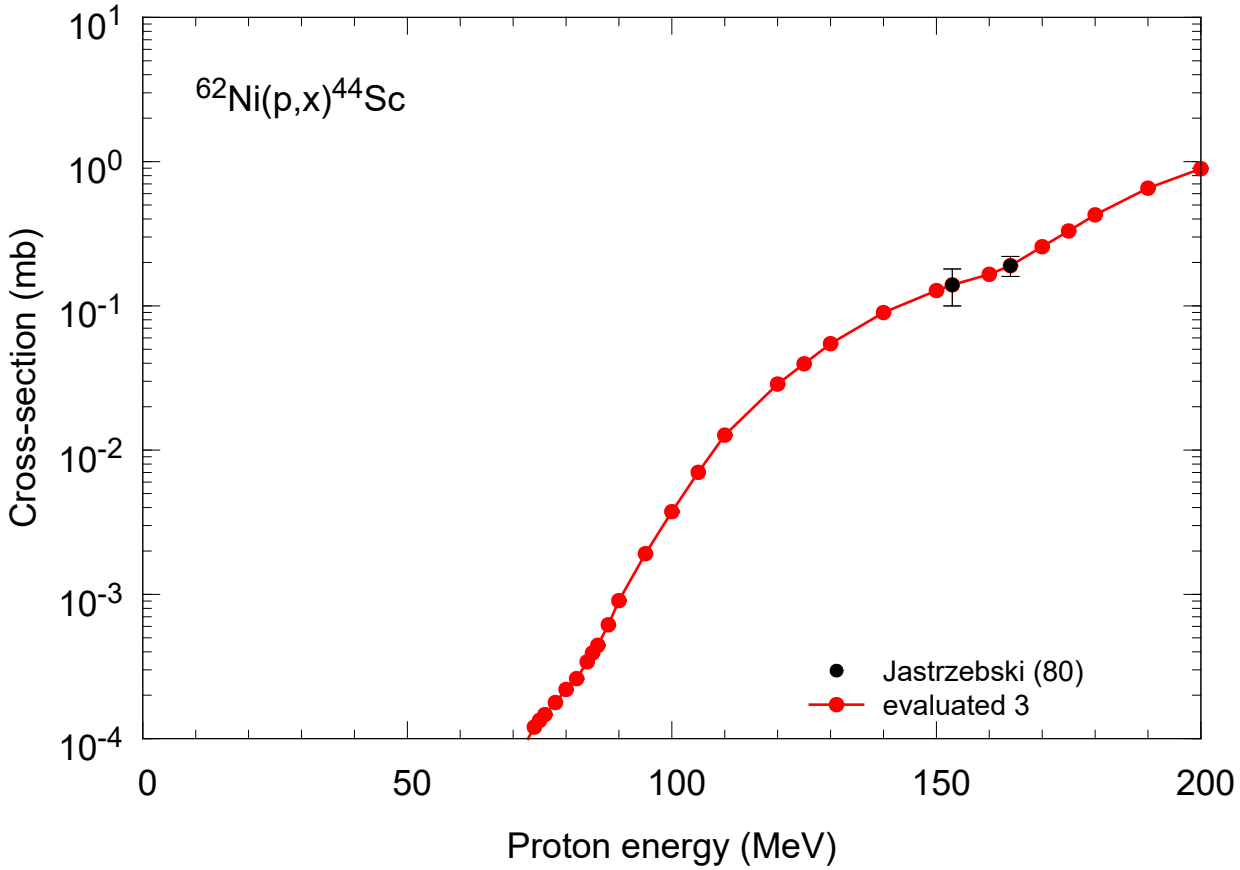

Reference data
evaluated
^{62}Ni(p,x)^{1}H
Cross-section (mb)
Proton energy (MeV)
0
200
400
600
800
1000
1200
1400
1600
1800
0
20
40
60
80
100
120
140
160
180
200

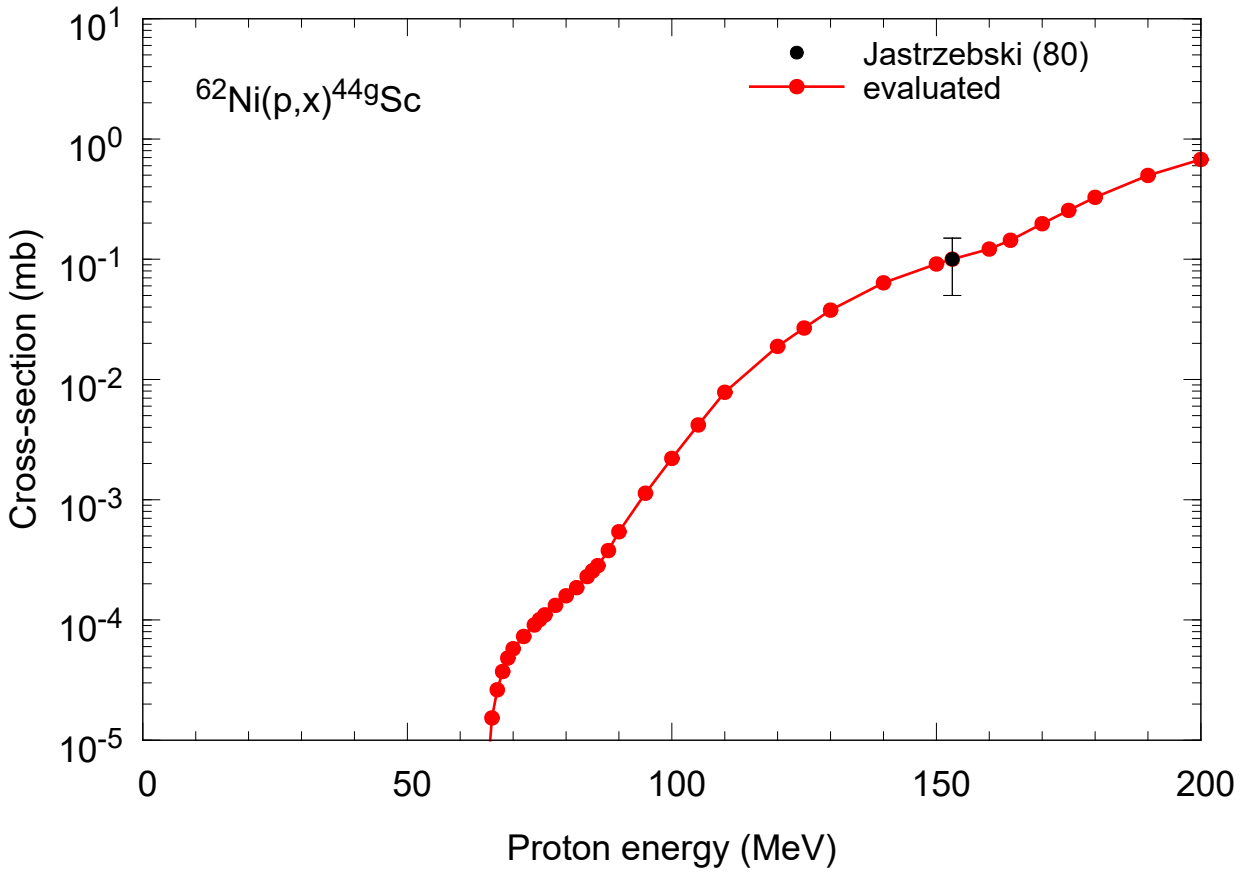

^{62}Ni(p,x)^{2}H
Reference data
evaluated
Cross-section (mb)
Proton energy (MeV)
0
20
40
60
80
100
120
140
160
180
200

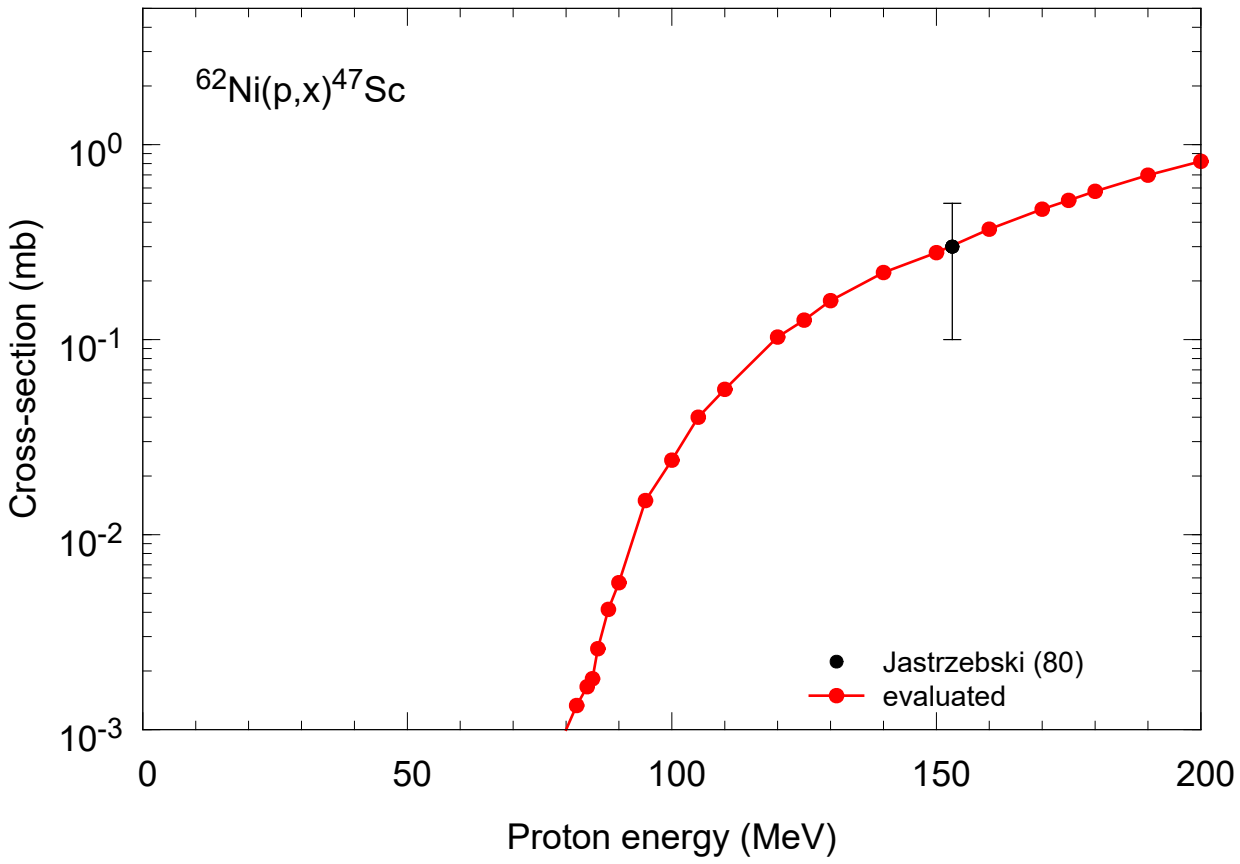

^{62}Ni(p,x)^{3}H
Reference data
evaluated
Cross-section (mb)
Proton energy (MeV)
0
5
10
15
20
25
0
20
40
60
80
100
120
140
160
180
200

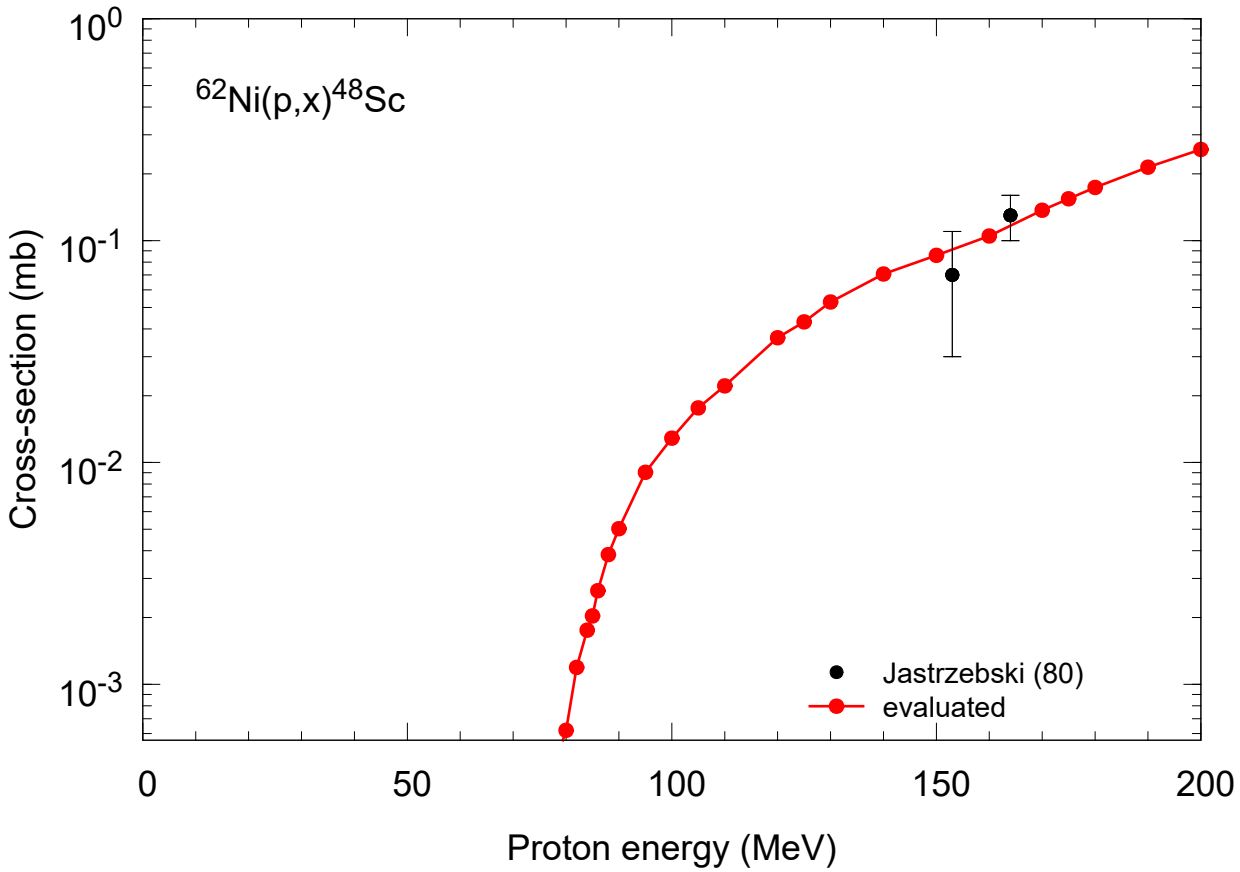

^{62}Ni(p,x)^{3}He
Reference data
evaluated
Cross-section (mb)
Proton energy (MeV)
0
5
10
15
20
0
20
40
60
80
100
120
140
160
180
200

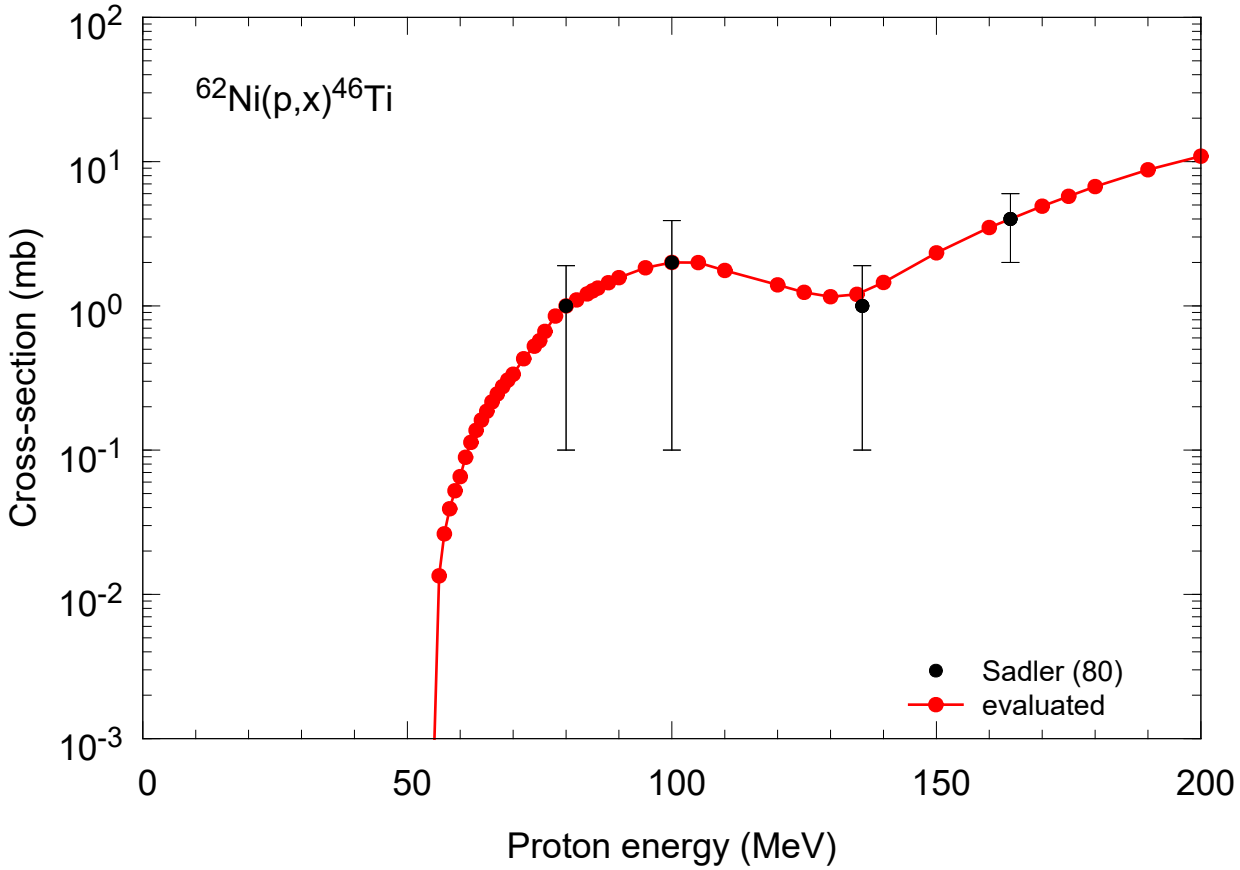

^{62}Ni(p,x)^{4}He
Reference data
evaluated
Cross-section (mb)
Proton energy (MeV)
0
50
100
150
200
250
300
0
20
40
60
80
100
120
140
160
180
200

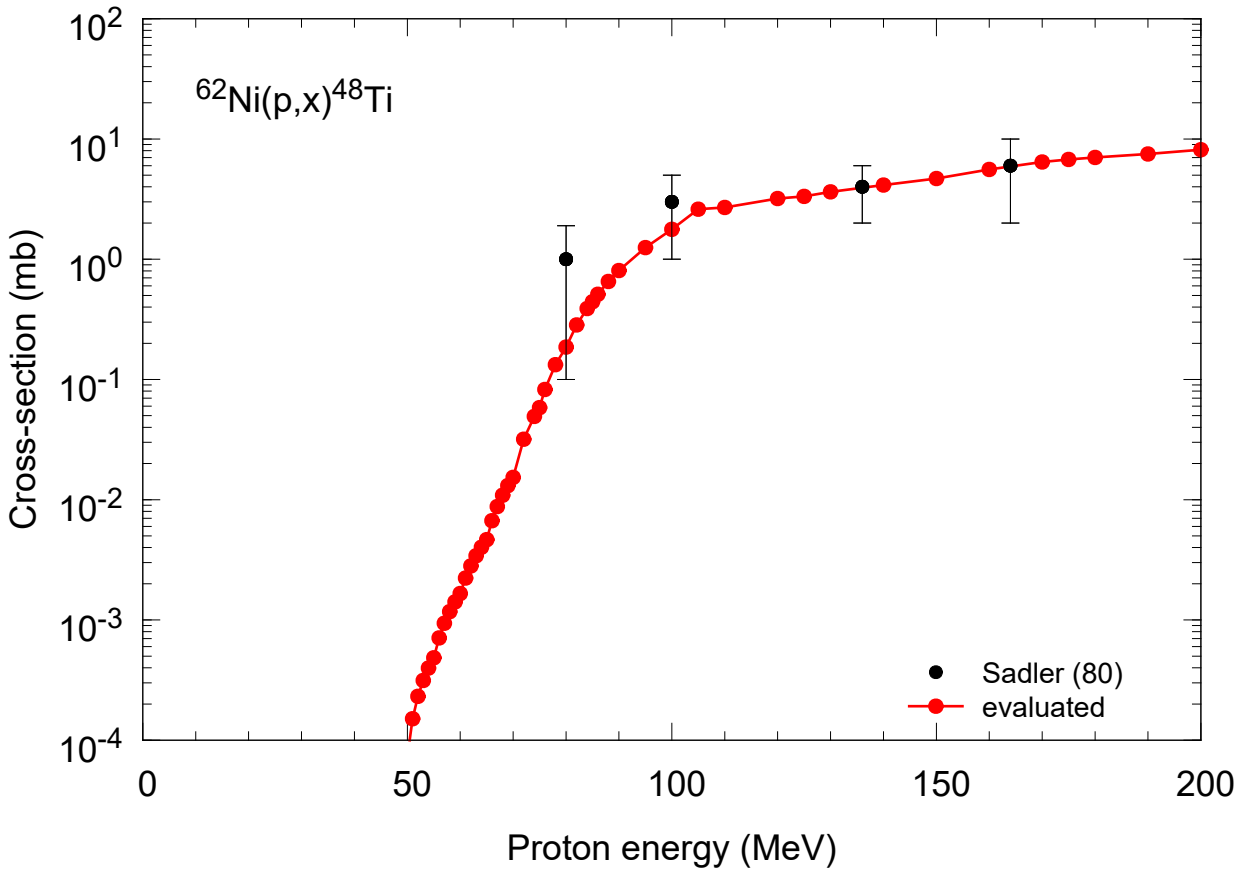

^{62}Ni(p,x)^{44}Sc
Jastrzebski (80)
evaluated 3
Cross-section (mb)
Proton energy (MeV)
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
0
50
100
150
200

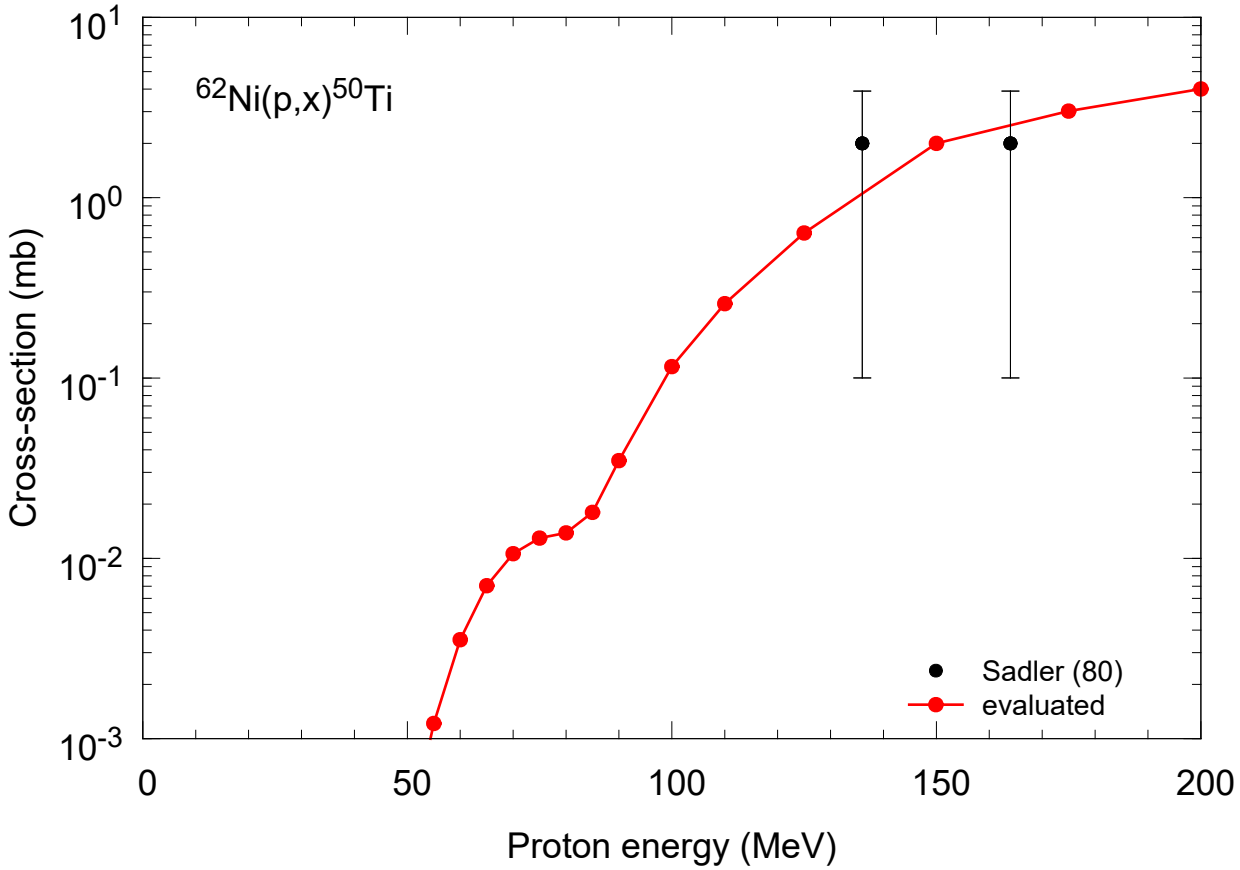

^{62}Ni(p,x)^{44g}Sc
Jastrzebski (80)
evaluated
Cross-section (mb)
Proton energy (MeV)
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
0
50
100
150
200

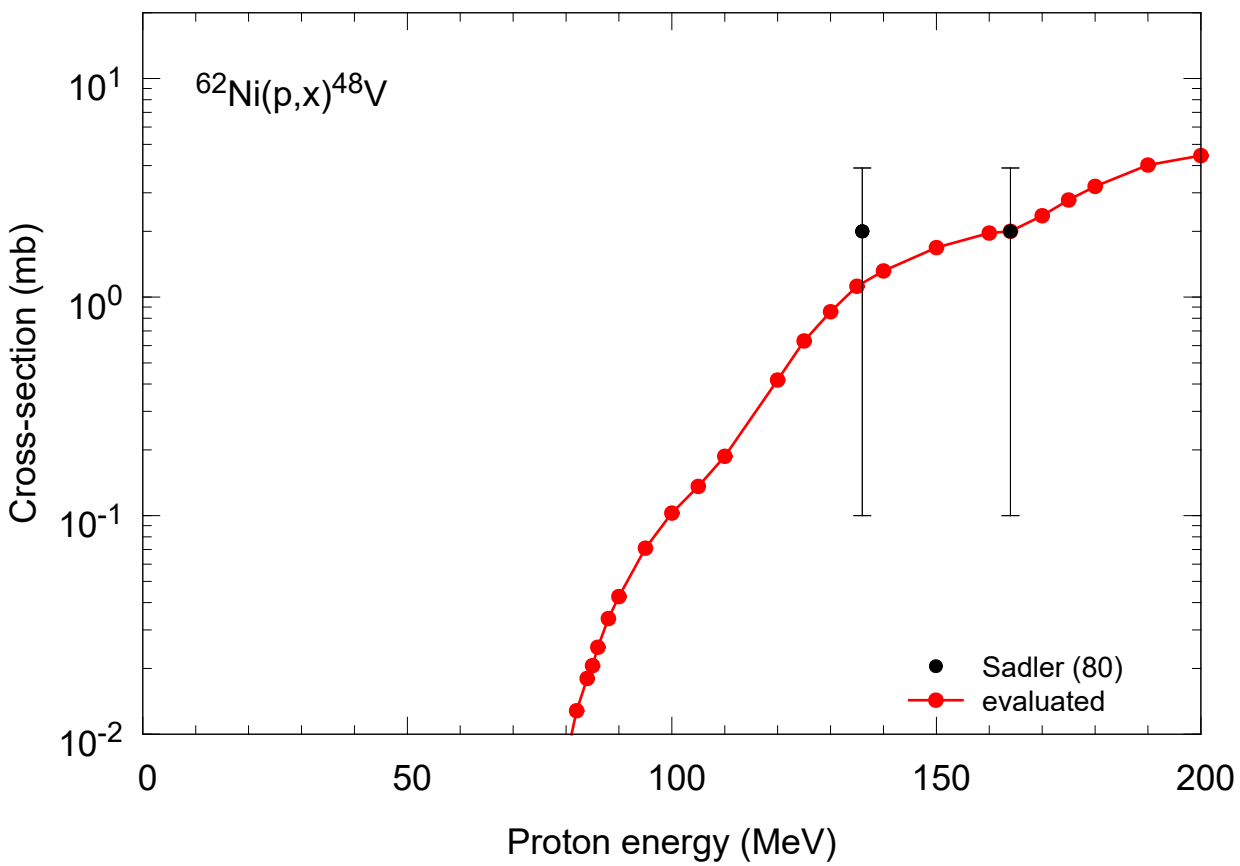

^{62}Ni(p,x)^{47}Sc
Cross-section (mb)
Proton energy (MeV)
Jastrzebski (80)
evaluated

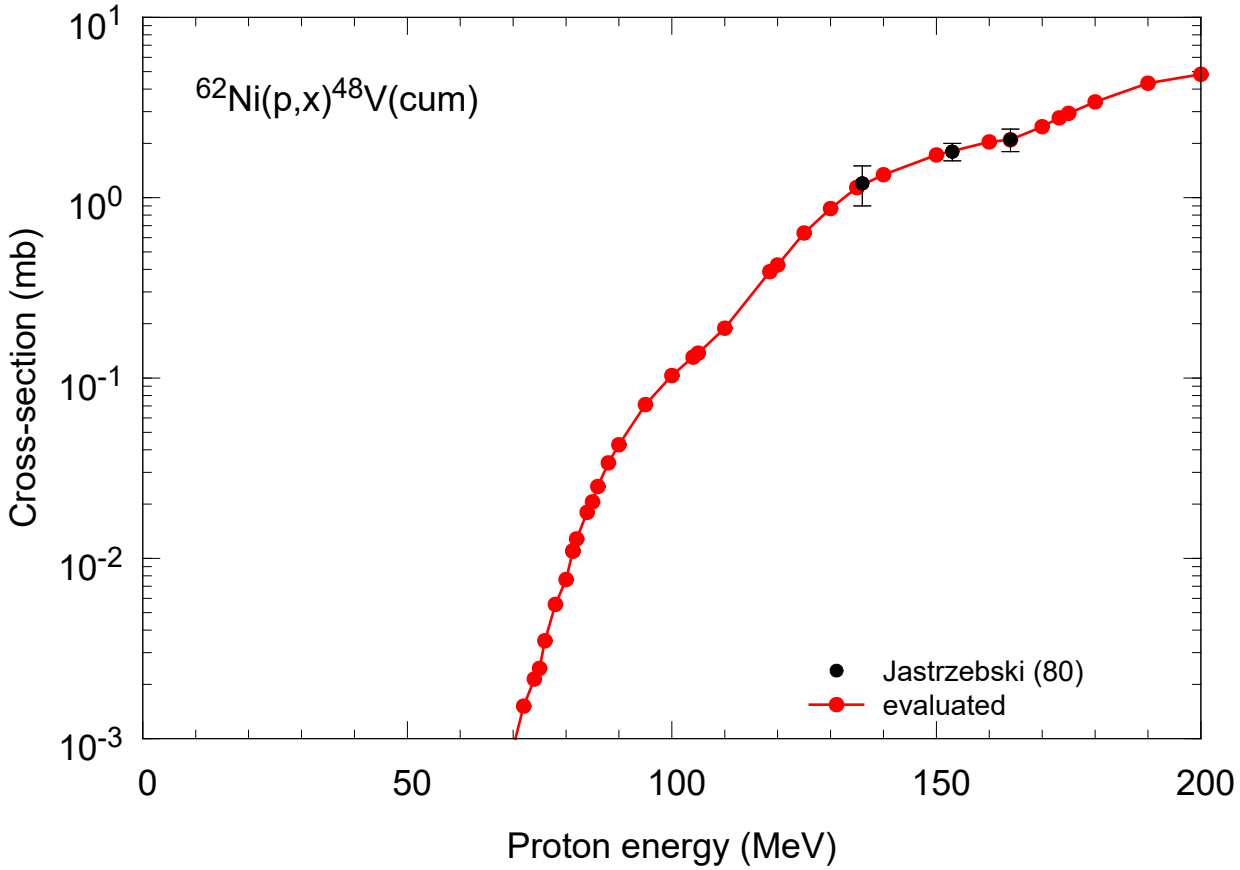

^{62}Ni(p,x)^{48}Sc
Cross-section (mb)
Proton energy (MeV)
Jastrzebski (80)
evaluated

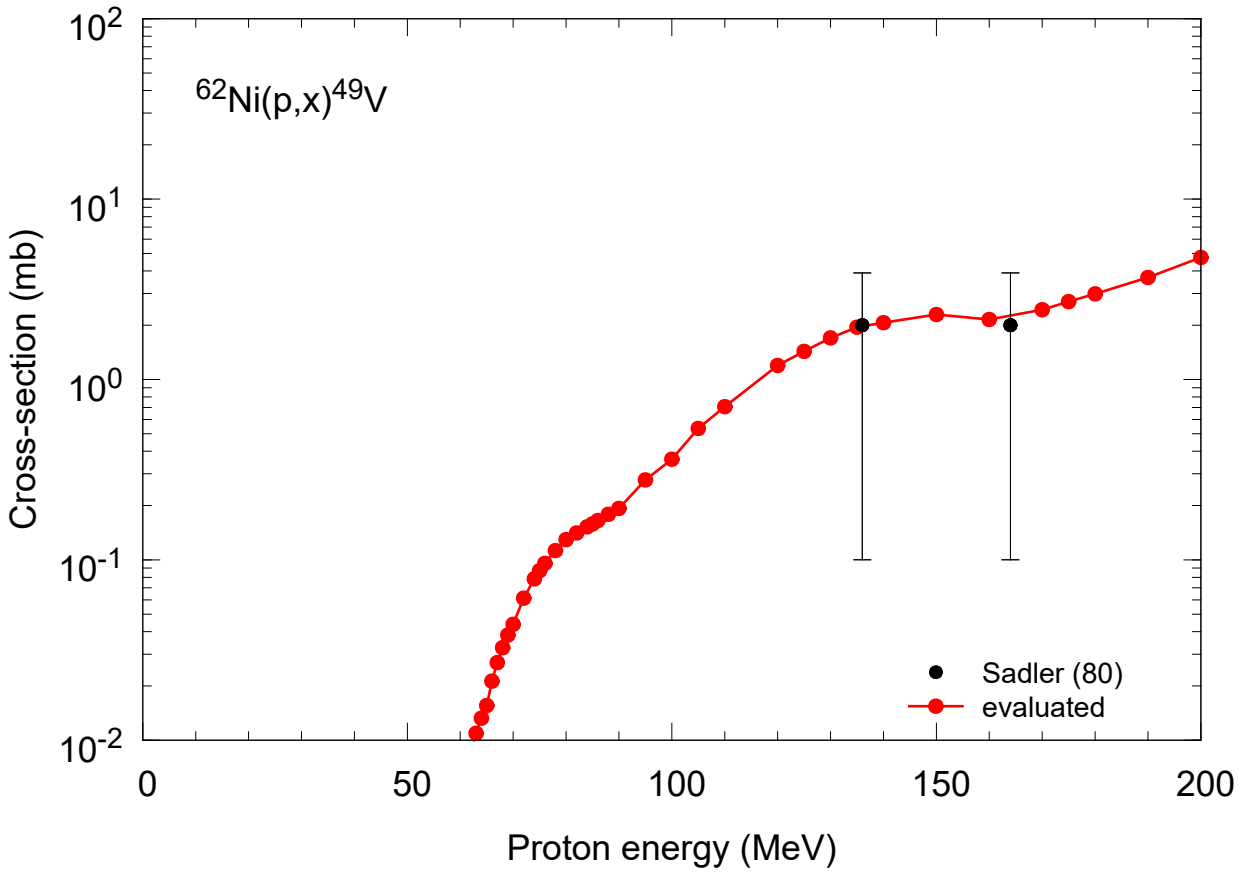

^{62}Ni(p,x)^{46}Ti
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated
10^{2}
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200

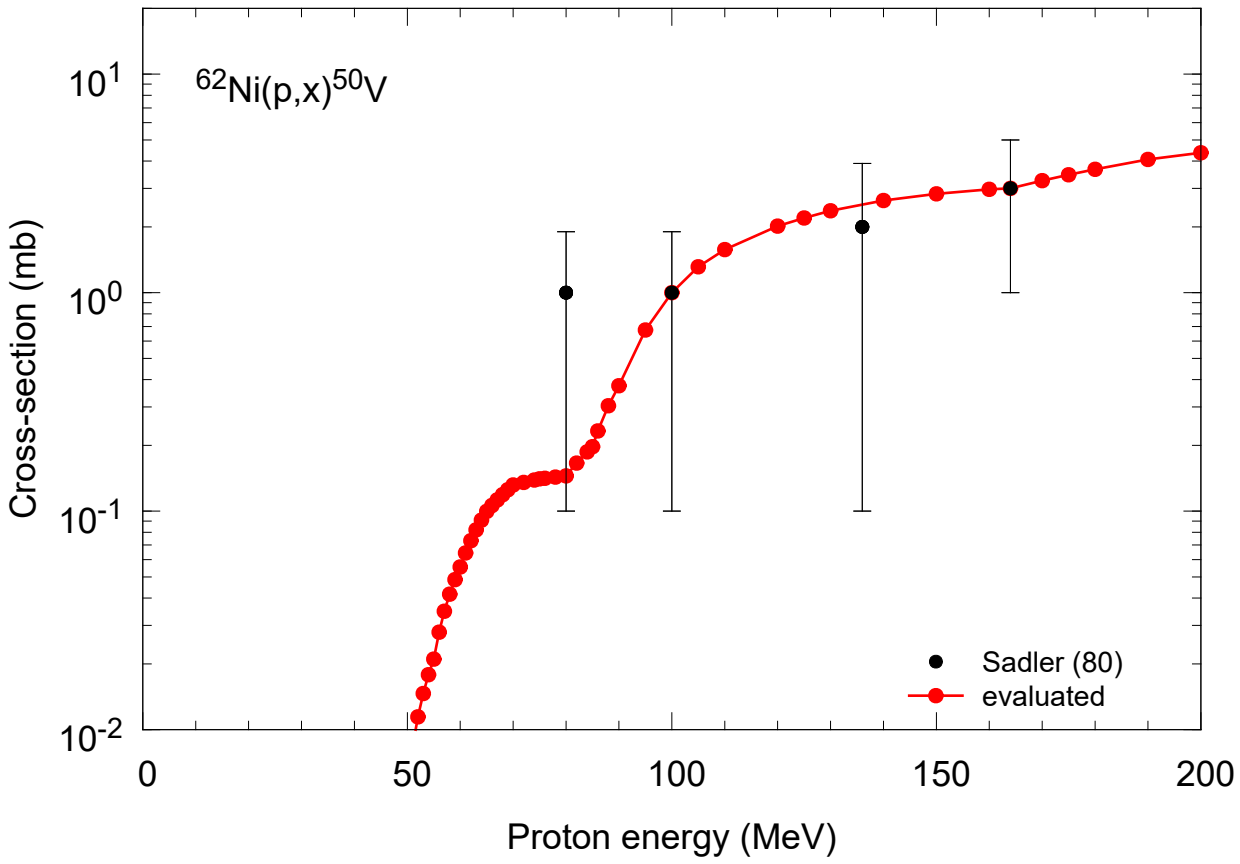

^{62}Ni(p,x)^{48}Ti
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated
10^{2}
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
0
50
100
150
200

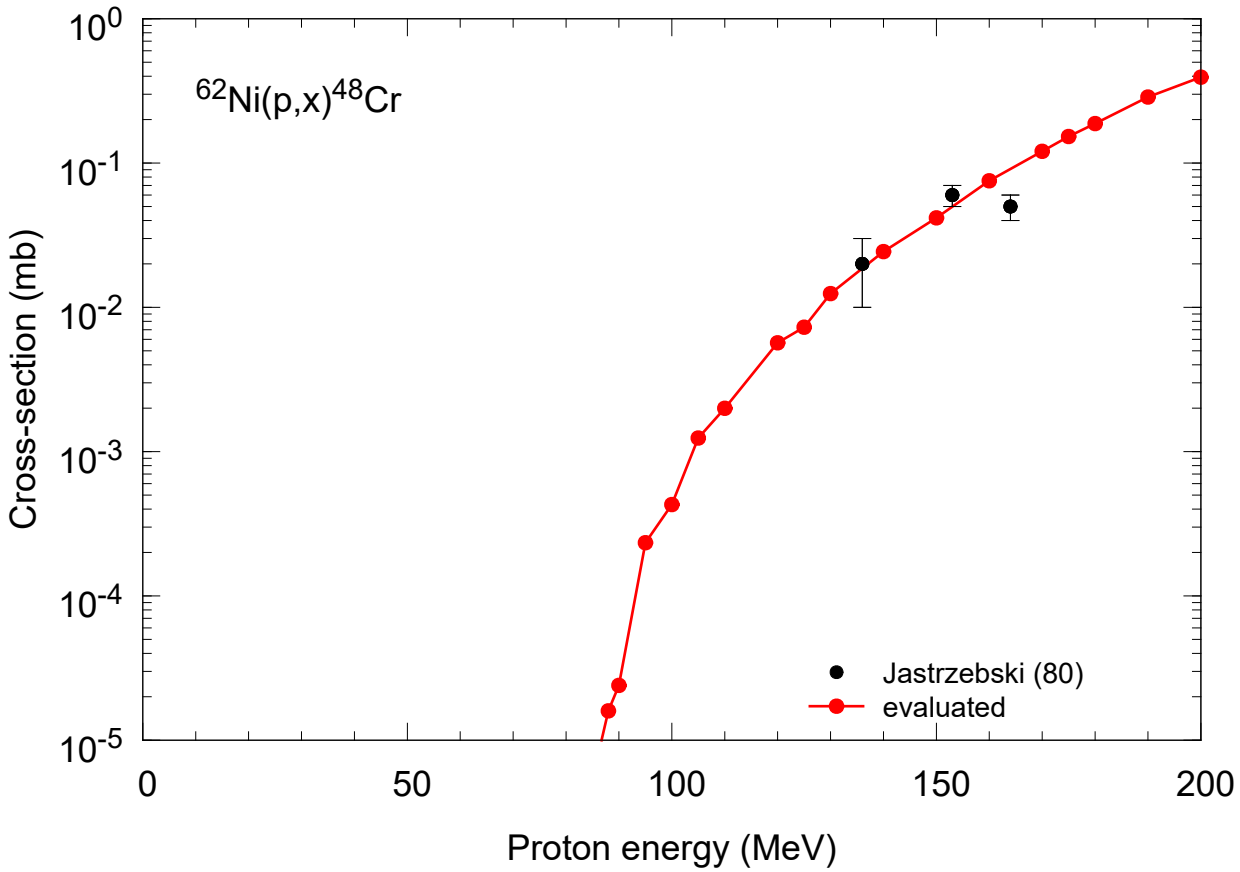

^{62}Ni(p,x)^{50}Ti
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200

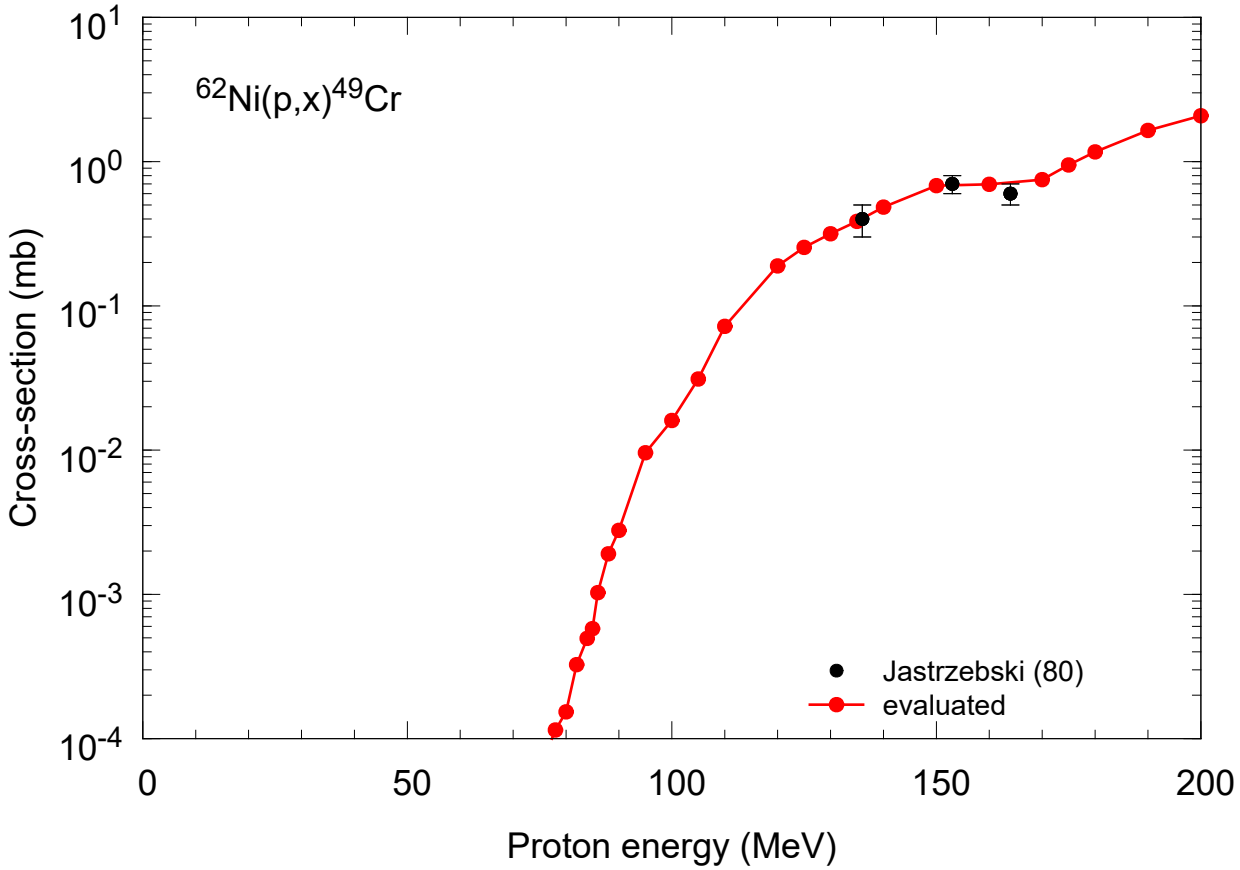

^{62}Ni(p,x)^{48}V
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated
10^{1}
10^{0}
10^{-1}
10^{-2}
0
50
100
150
200

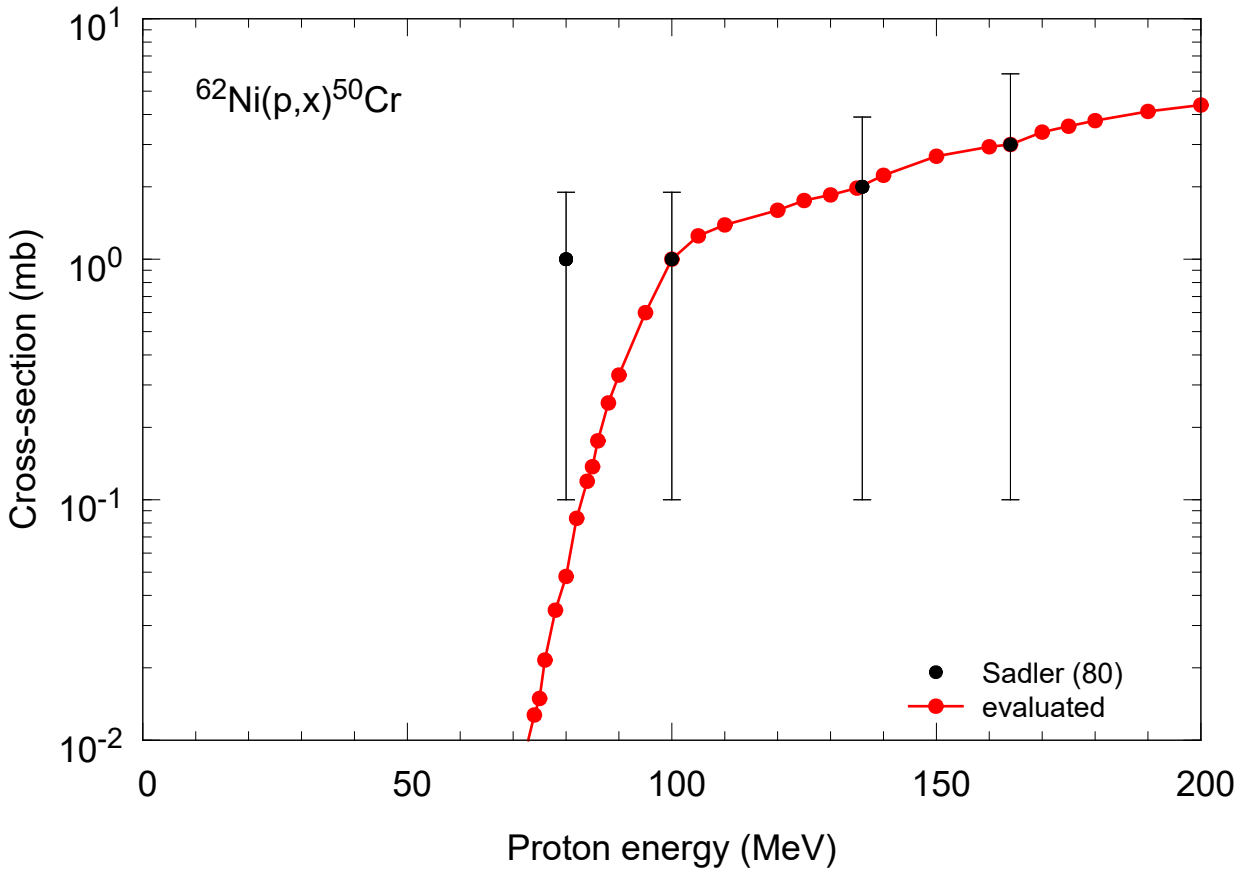

^{62}Ni(p,x)^{48}V(cum)
Cross-section (mb)
Proton energy (MeV)
Jastrzebski (80)
evaluated
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200

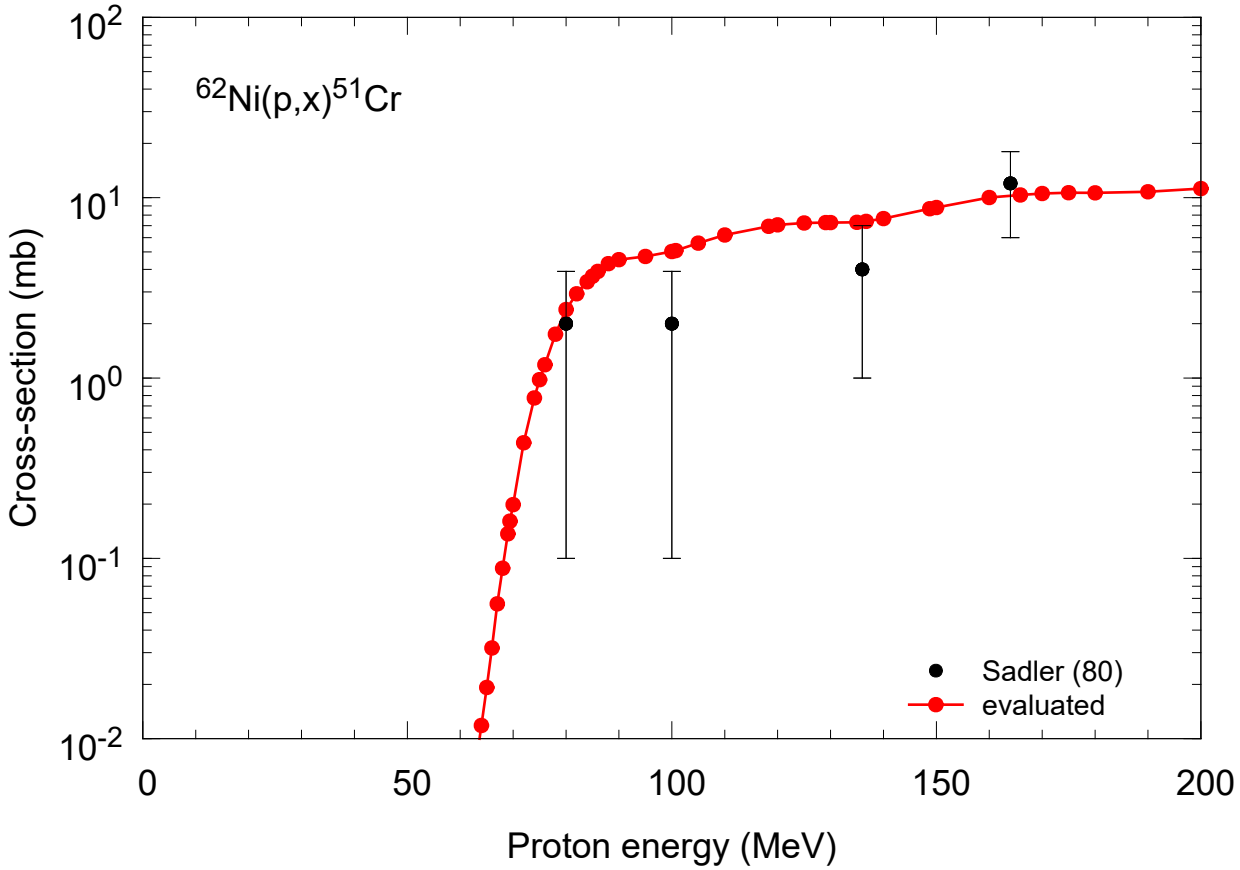

^{62}Ni(p,x)^{49}V
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated
10^{2}
10^{1}
10^{0}
10^{-1}
10^{-2}
0
50
100
150
200

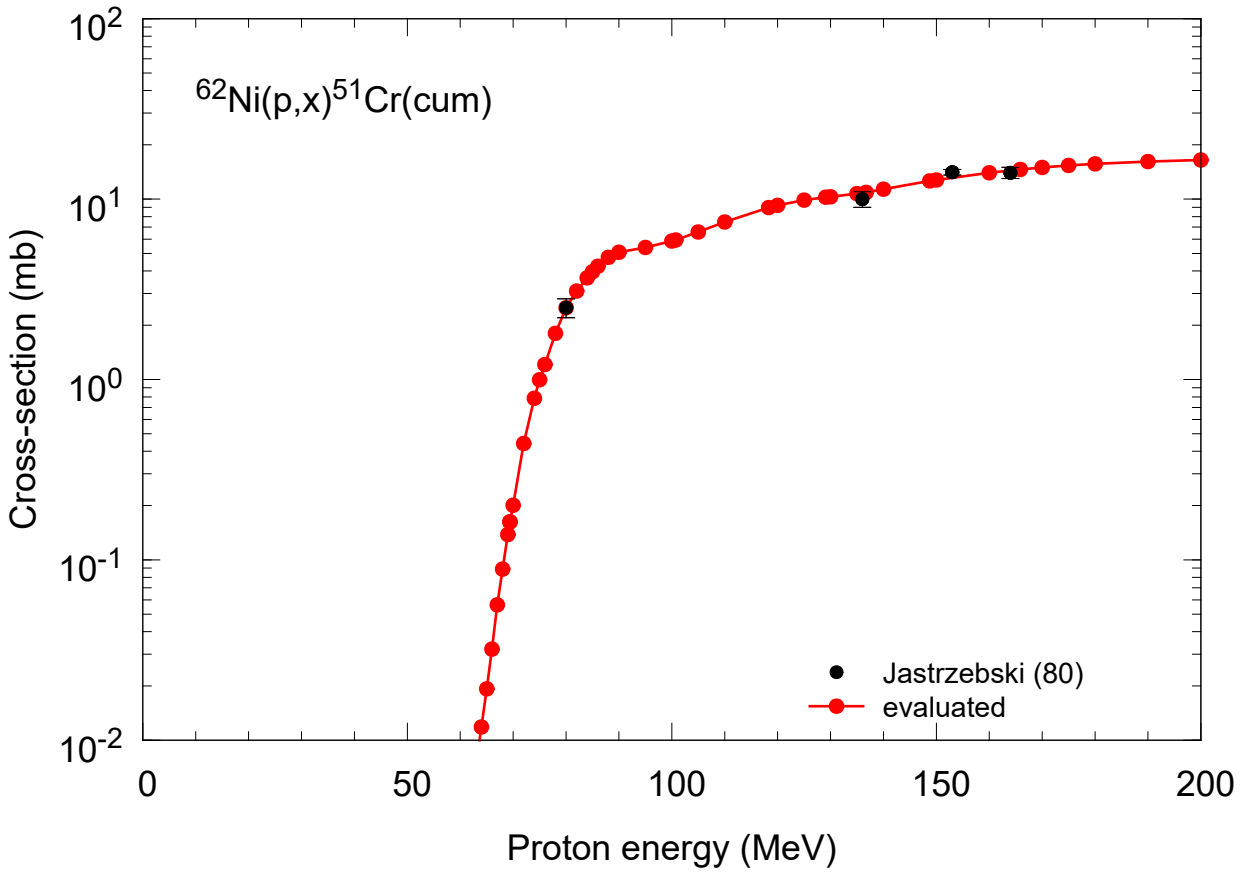

^{62}Ni(p,x)^{50}V
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated
10^{1}
10^{0}
10^{-1}
10^{-2}
0
50
100
150
200

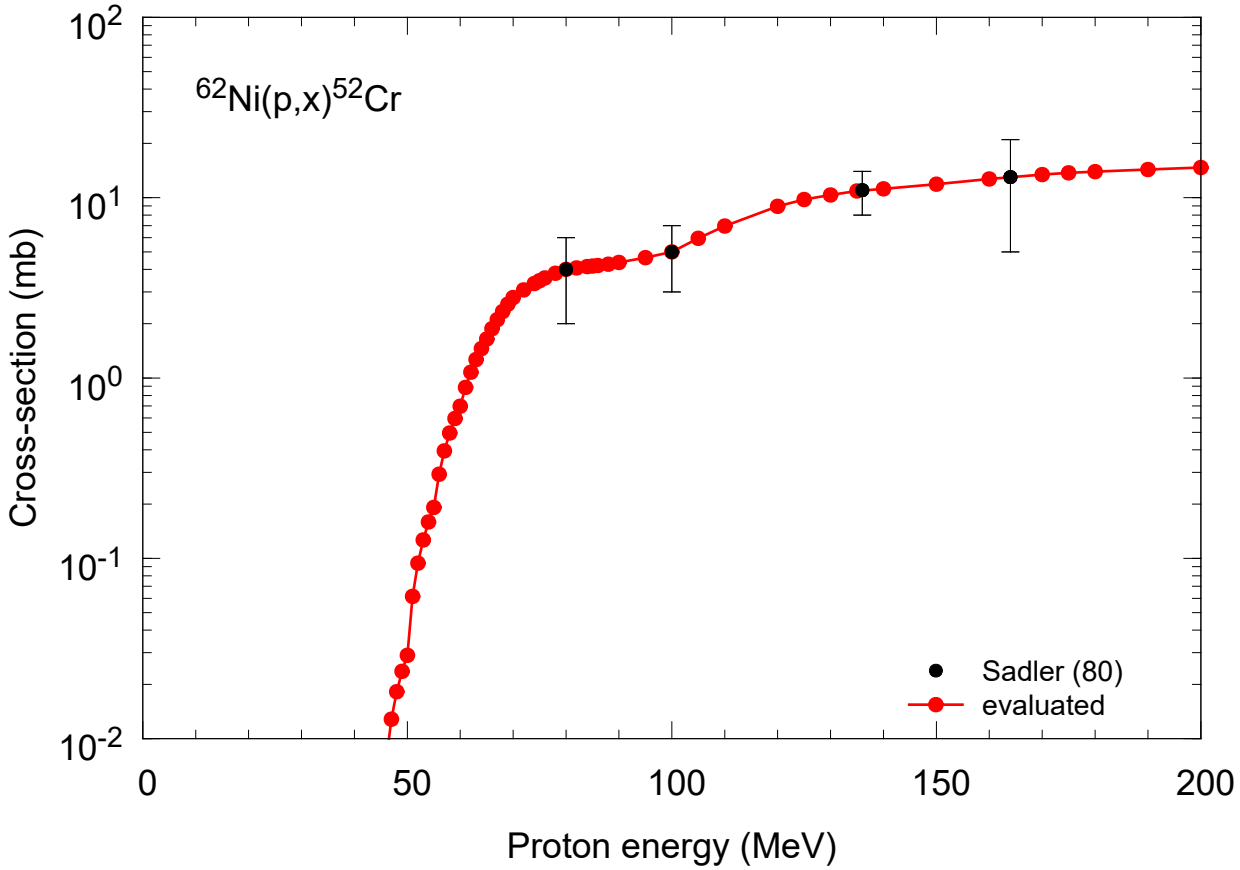

^{62}Ni(p,x)^{48}Cr
Cross-section (mb)
Proton energy (MeV)
Jastrzebski (80)
evaluated
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
0
50
100
150
200

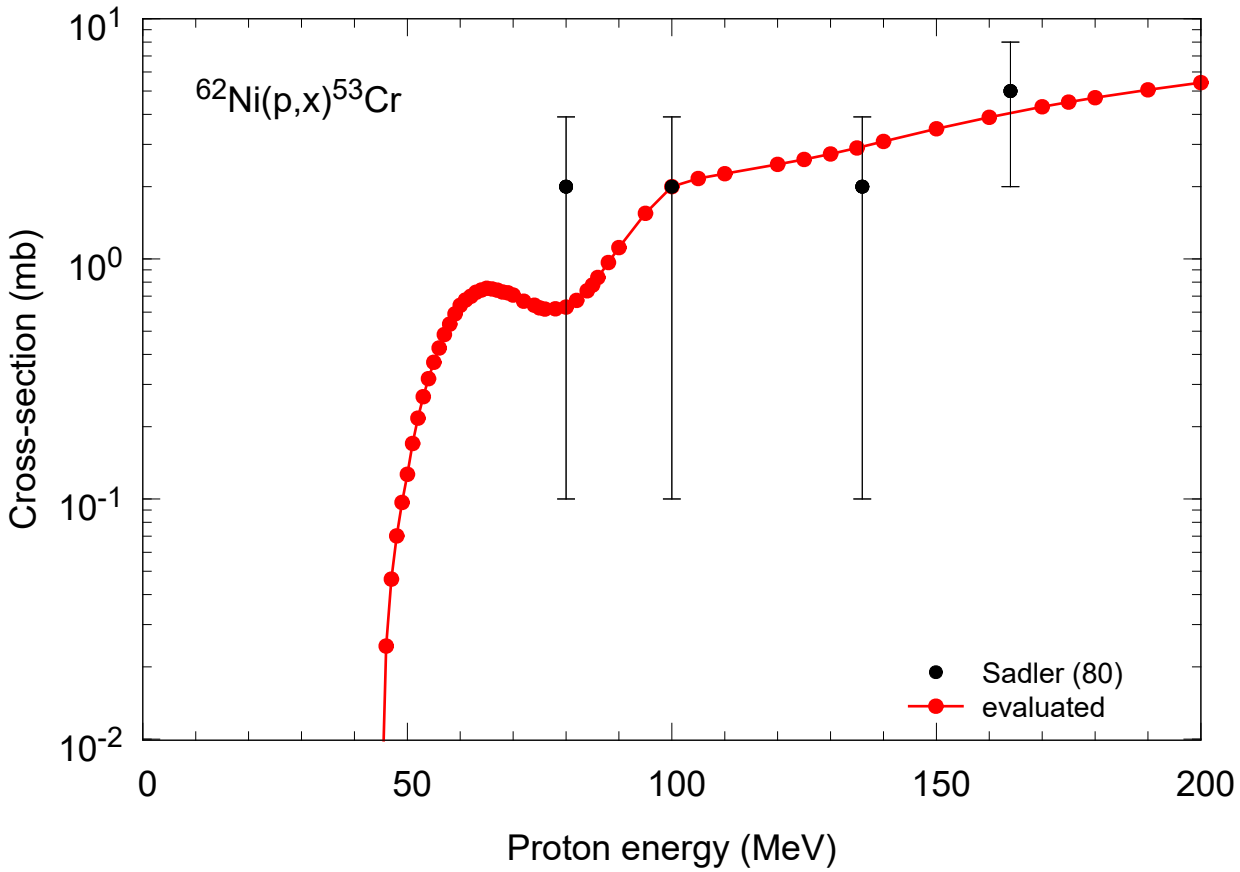

^{62}Ni(p,x)^{49}Cr
Cross-section (mb)
Proton energy (MeV)
Jastrzebski (80)
evaluated
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
0
50
100
150
200

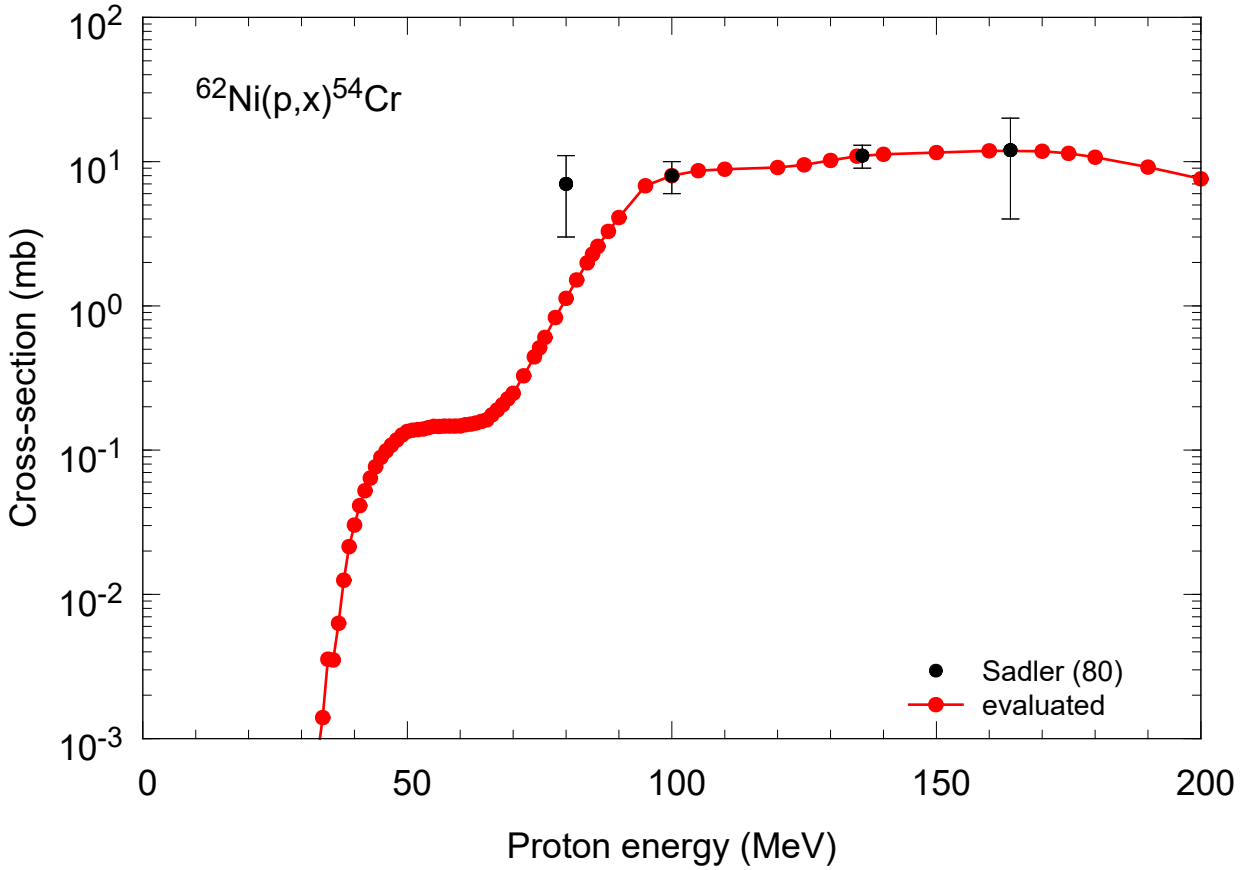

^{62}Ni(p,x)^{50}Cr
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated
10^{1}
10^{0}
10^{-1}
10^{-2}
0
50
100
150
200

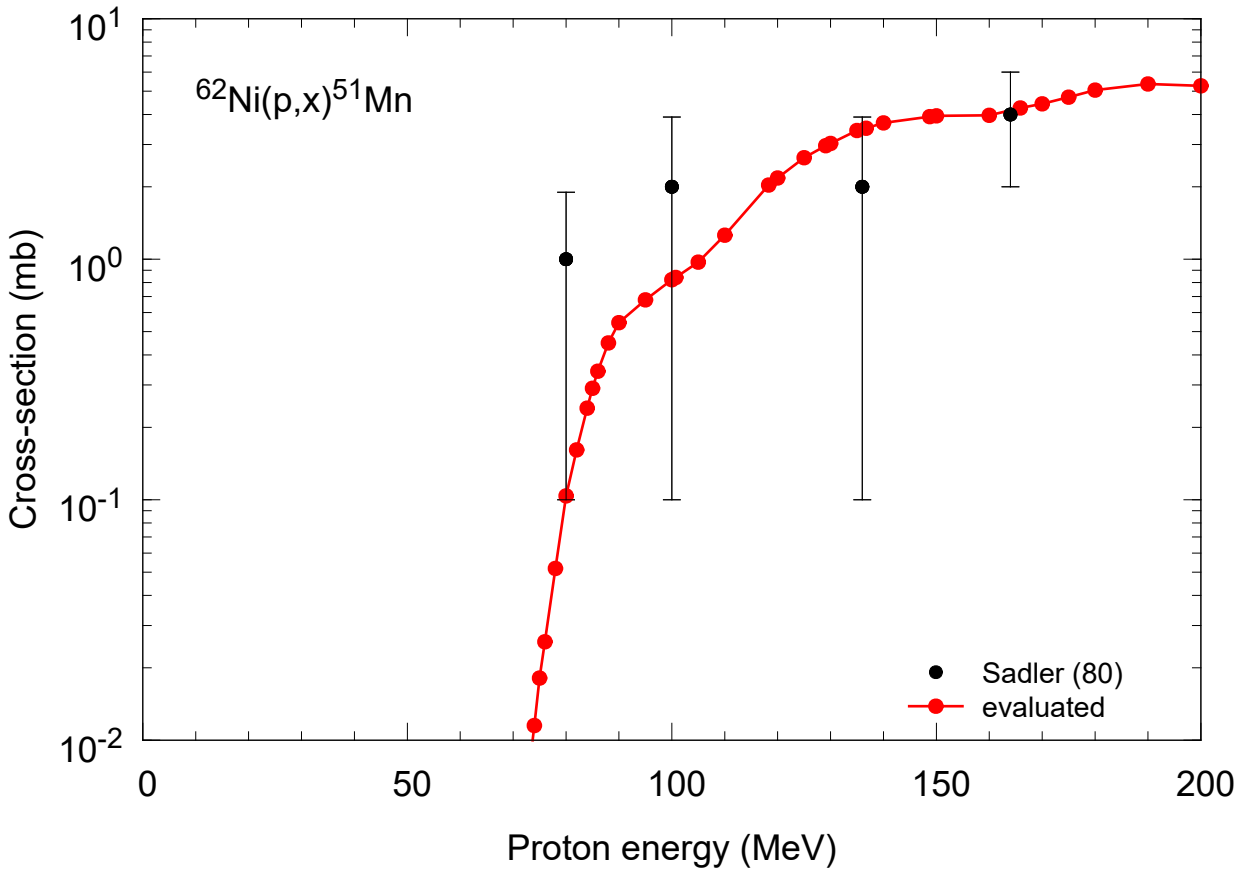

^{62}Ni(p,x)^{51}Cr
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated
10^{2}
10^{1}
10^{0}
10^{-1}
10^{-2}
0
50
100
150
200

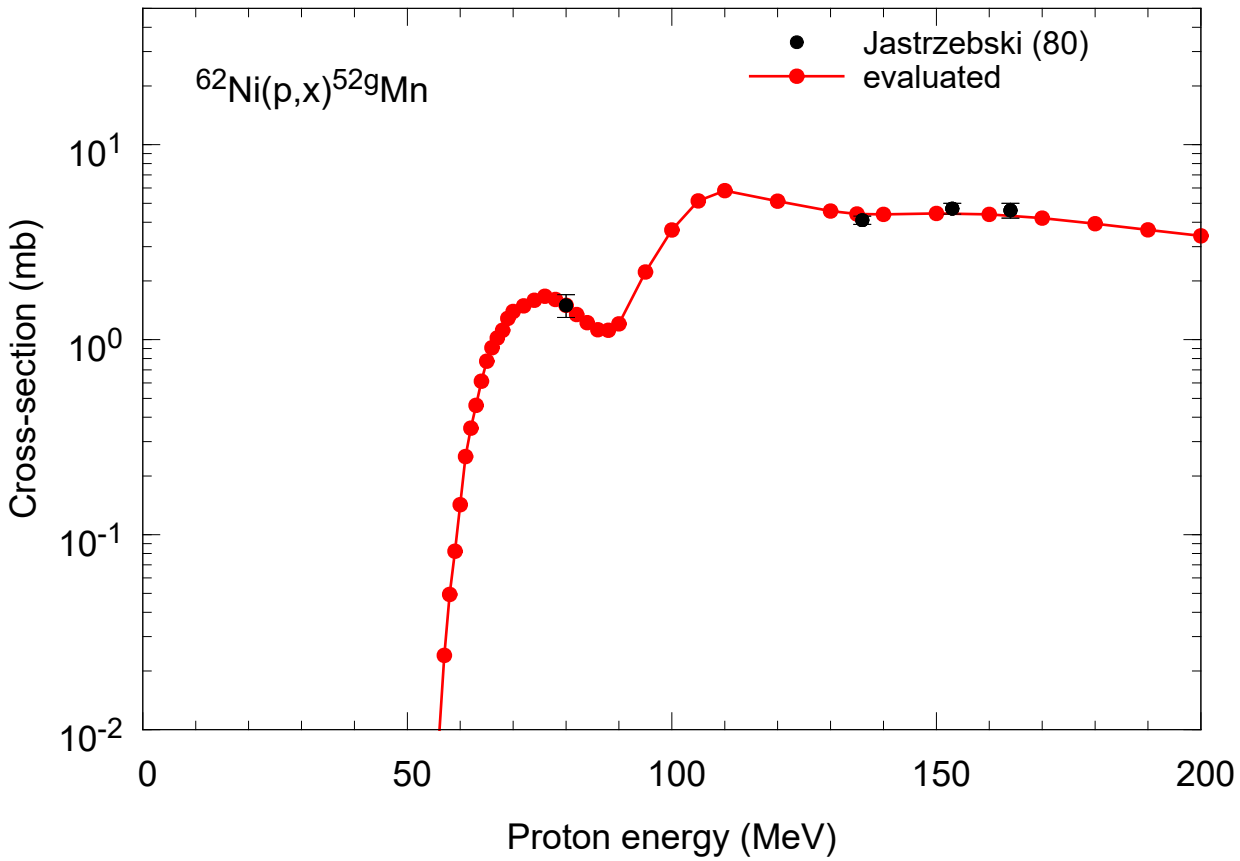

^{62}Ni(p,x)^{51}Cr(cum)
Cross-section (mb)
Proton energy (MeV)
Jastrzebski (80)
evaluated
10^{2}
10^{1}
10^{0}
10^{-1}
10^{-2}
0
50
100
150
200

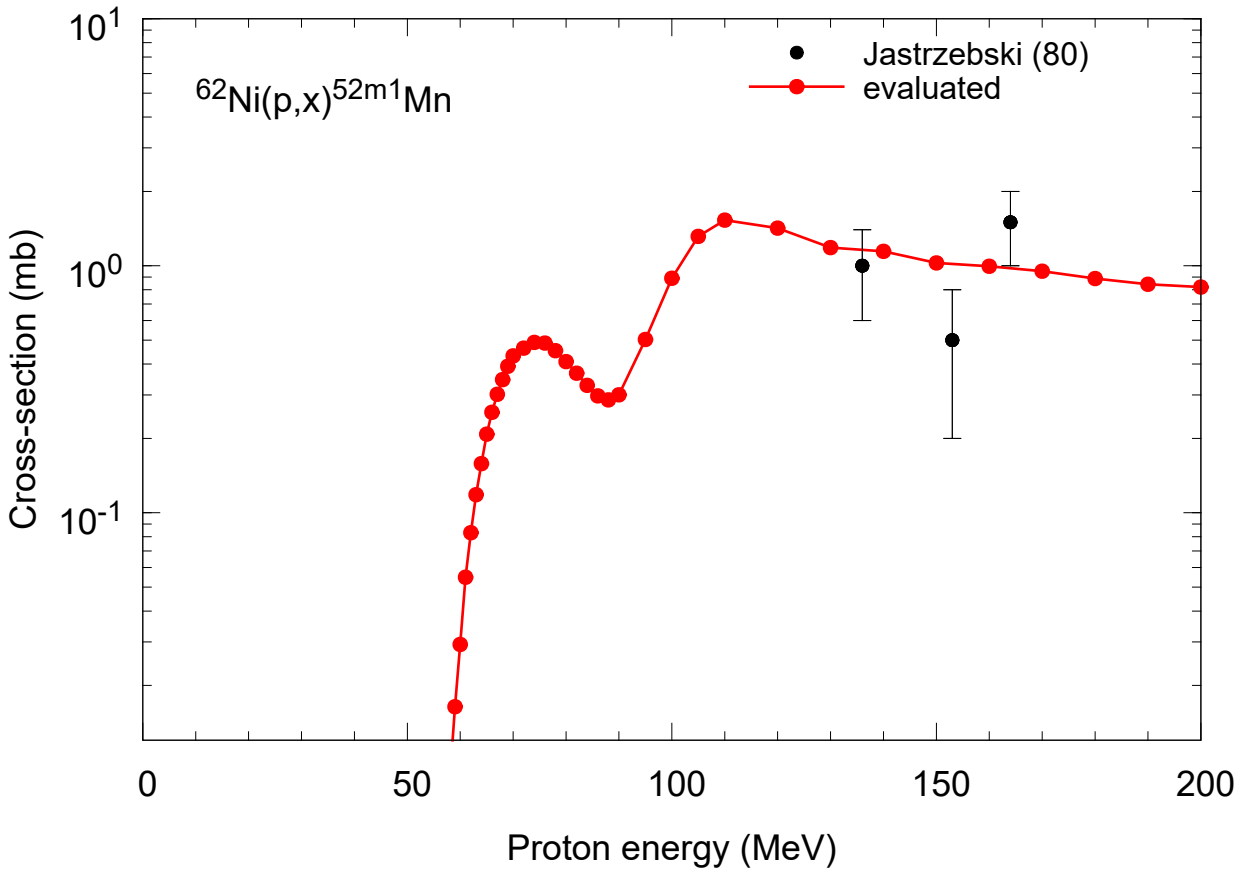

^{62}Ni(p,x)^{52}Cr
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated
10^{2}
10^{1}
10^{0}
10^{-1}
10^{-2}
0
50
100
150
200

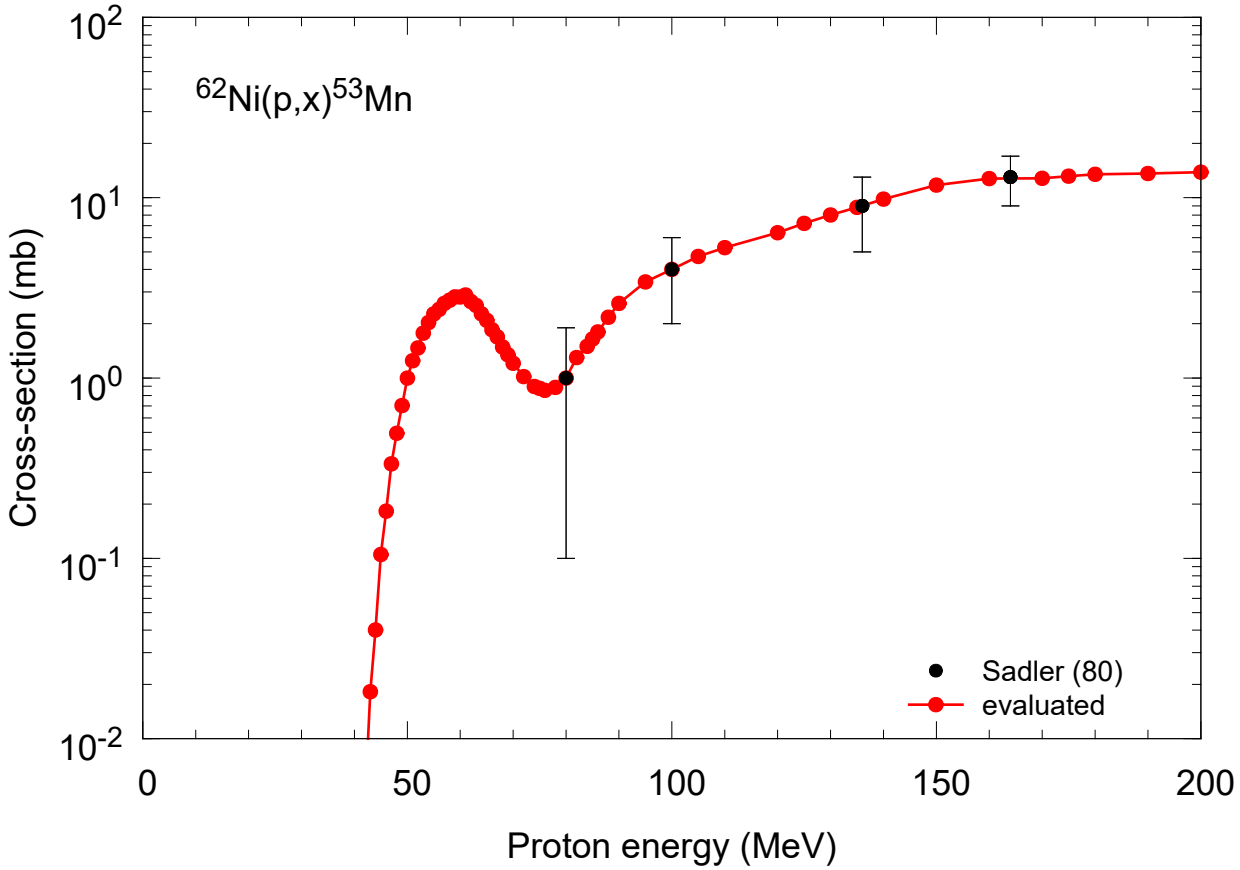

^{62}Ni(p,x)^{53}Cr
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated
10^{1}
10^{0}
10^{-1}
10^{-2}
0
50
100
150
200

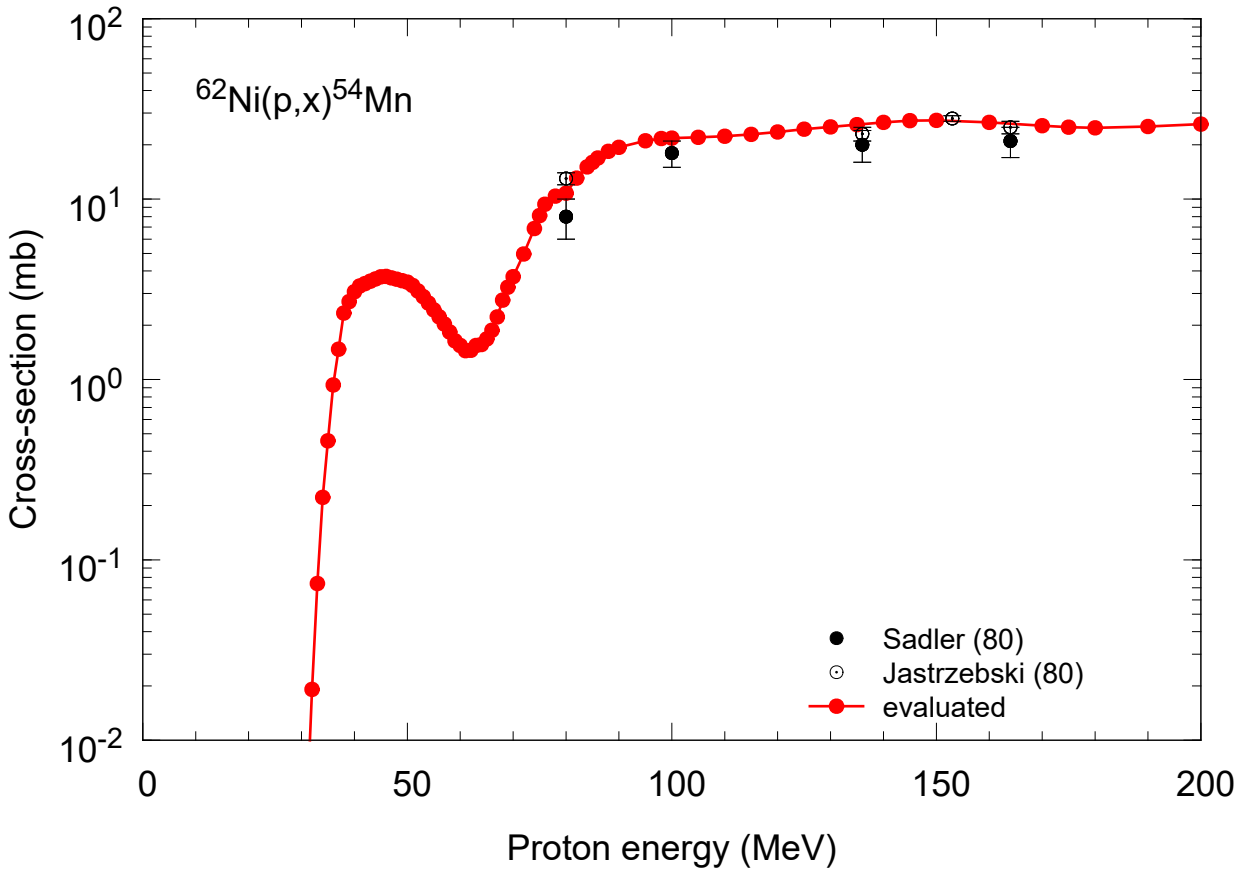

^{62}Ni(p,x)^{54}Cr
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated
10^{2}
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200

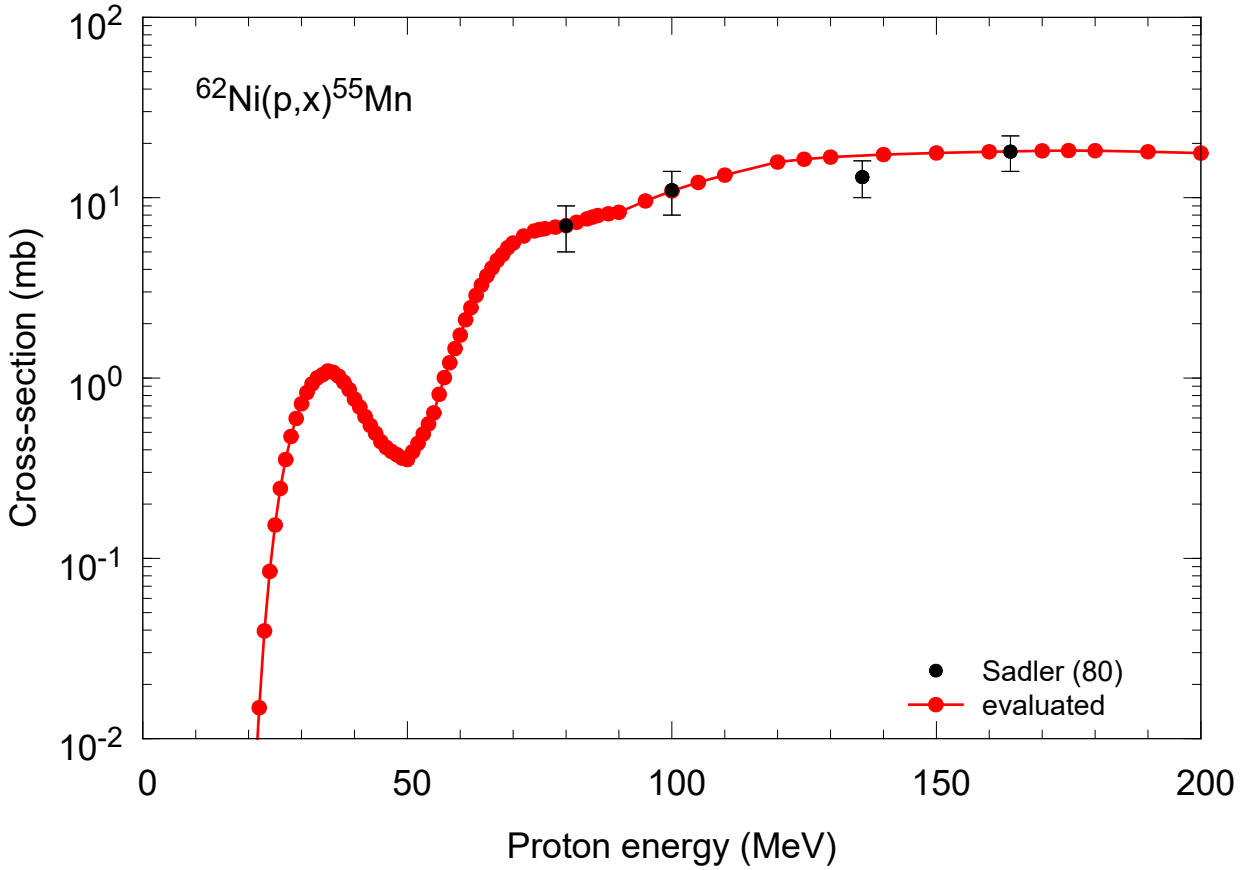

^{62}Ni(p,x)^{51}Mn
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated
10^{1}
10^{0}
10^{-1}
10^{-2}
0
50
100
150
200

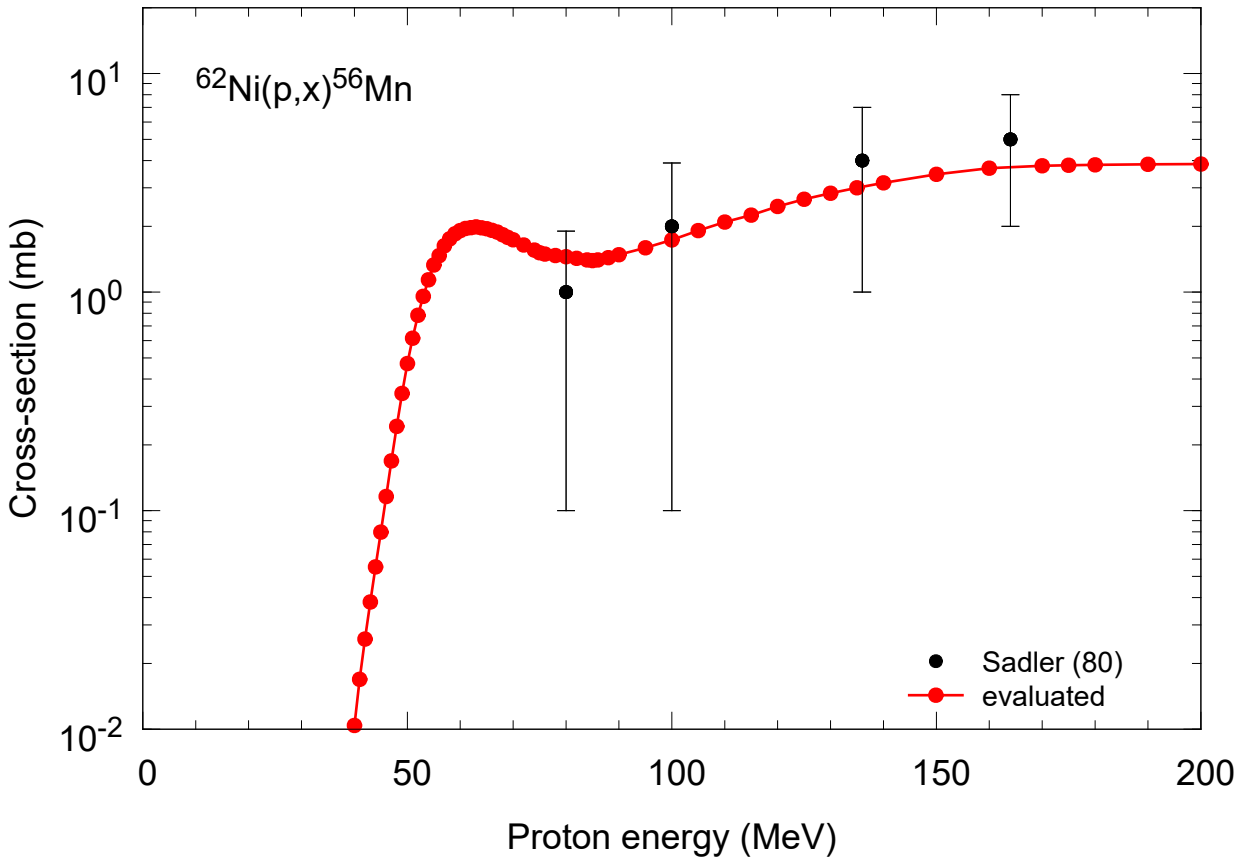

^{62}Ni(p,x)^{52g}Mn
Jastrzebski (80)
evaluated
Cross-section (mb)
Proton energy (MeV)
10^{1}
10^{0}
10^{-1}
10^{-2}
0
50
100
150
200

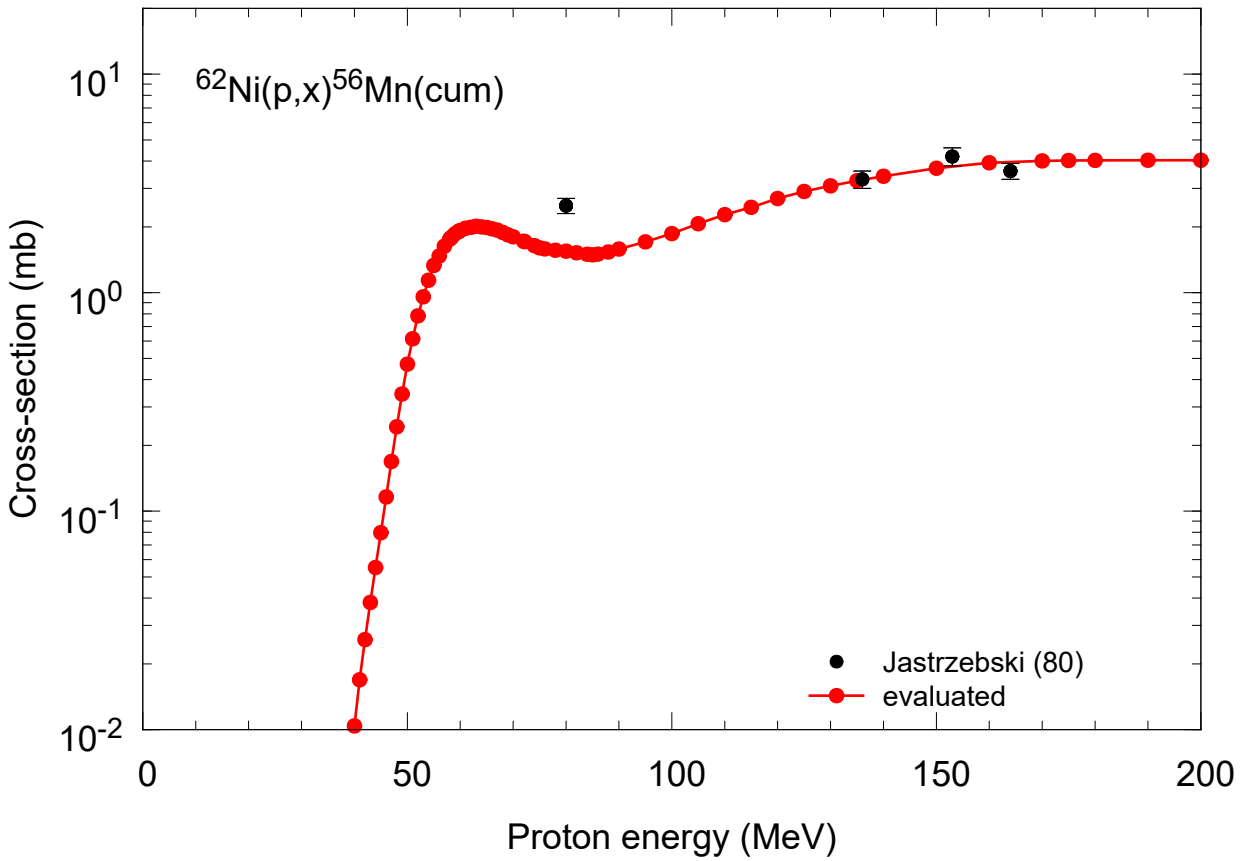

^{62}Ni(p,x)^{52m1}Mn
Jastrzebski (80)
evaluated
Cross-section (mb)
Proton energy (MeV)
10^{1}
10^{0}
10^{-1}
0
50
100
150
200

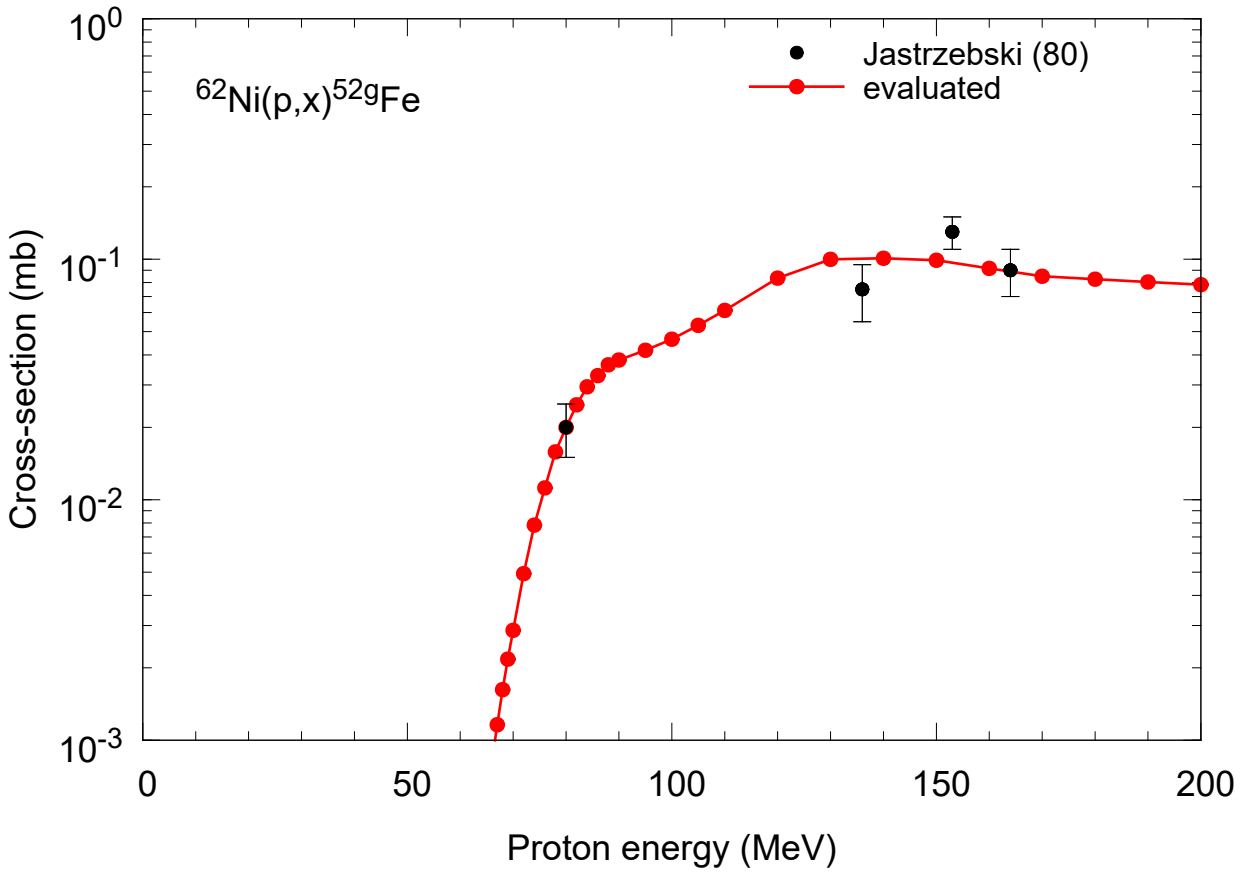

^{62}Ni(p,x)^{53}Mn
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated

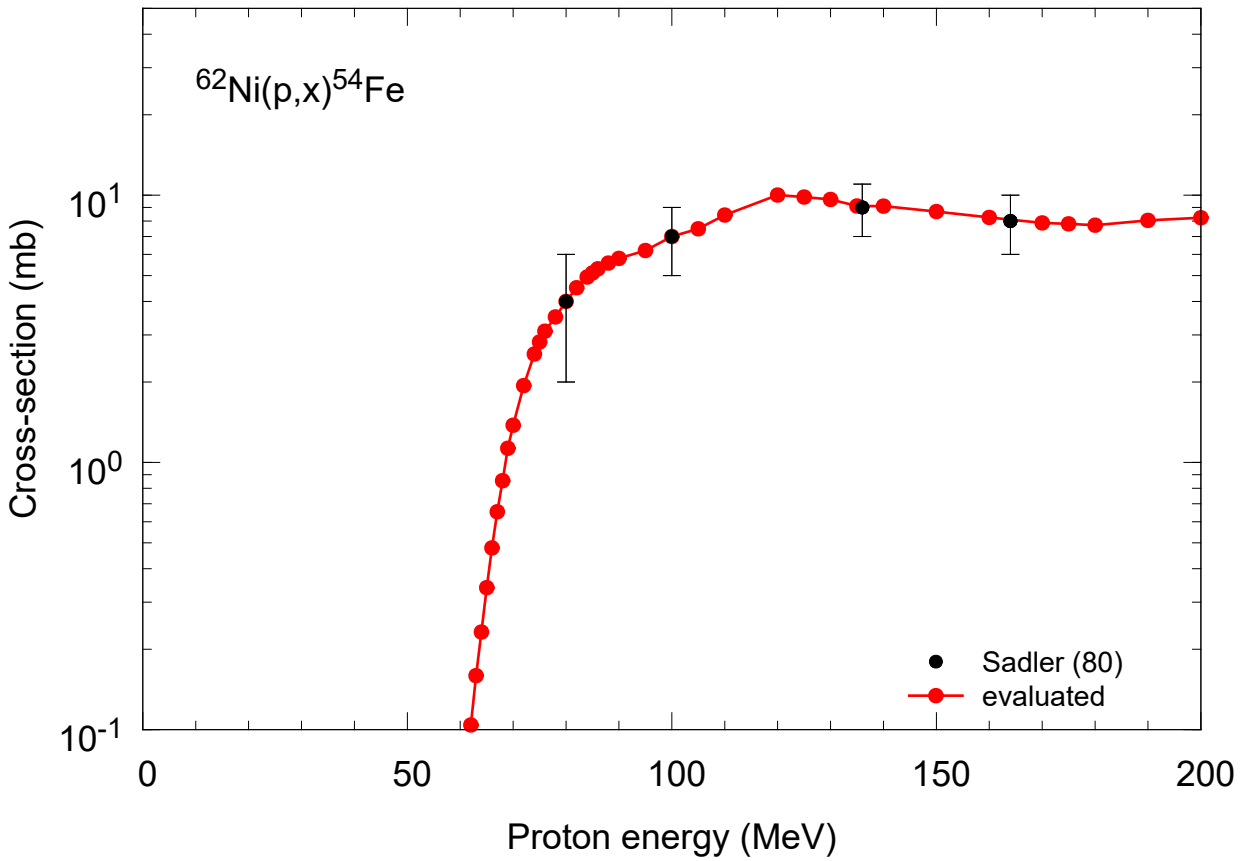

^{62}Ni(p,x)^{54}Mn
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
Jastrzebski (80)
evaluated

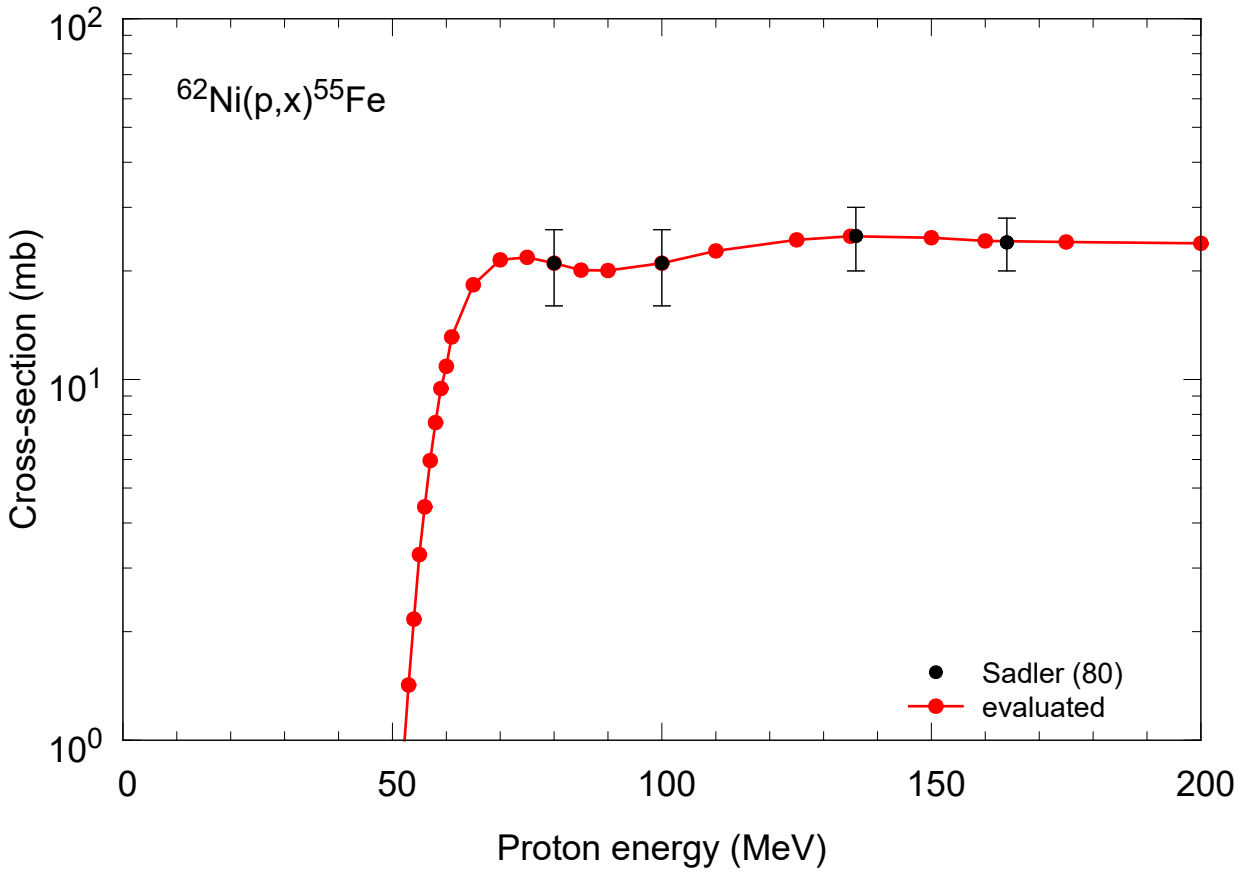

^{62}Ni(p,x)^{55}Mn
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated
10^{2}
10^{1}
10^{0}
10^{-1}
10^{-2}
0
50
100
150
200

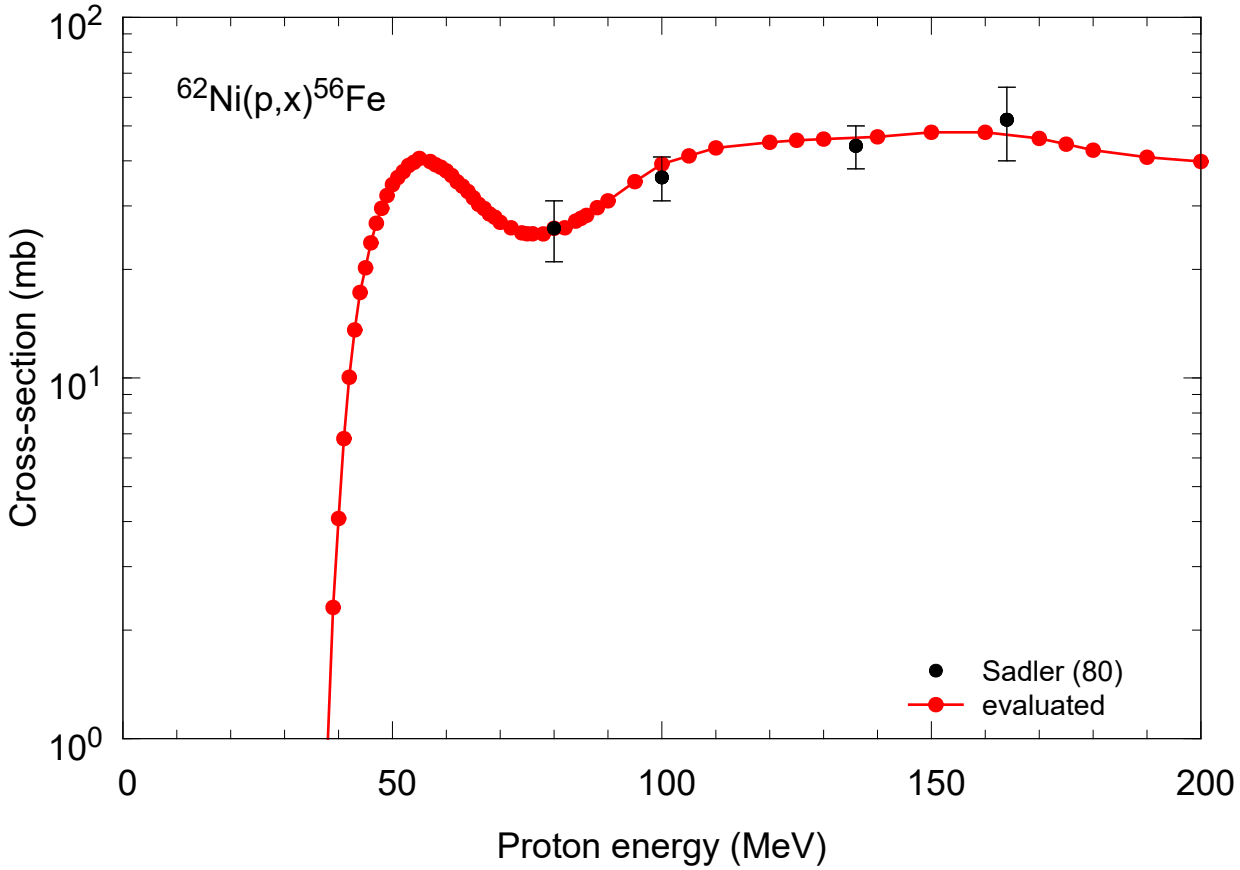

^{62}Ni(p,x)^{56}Mn
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated
10^{1}
10^{0}
10^{-1}
10^{-2}
0
50
100
150
200

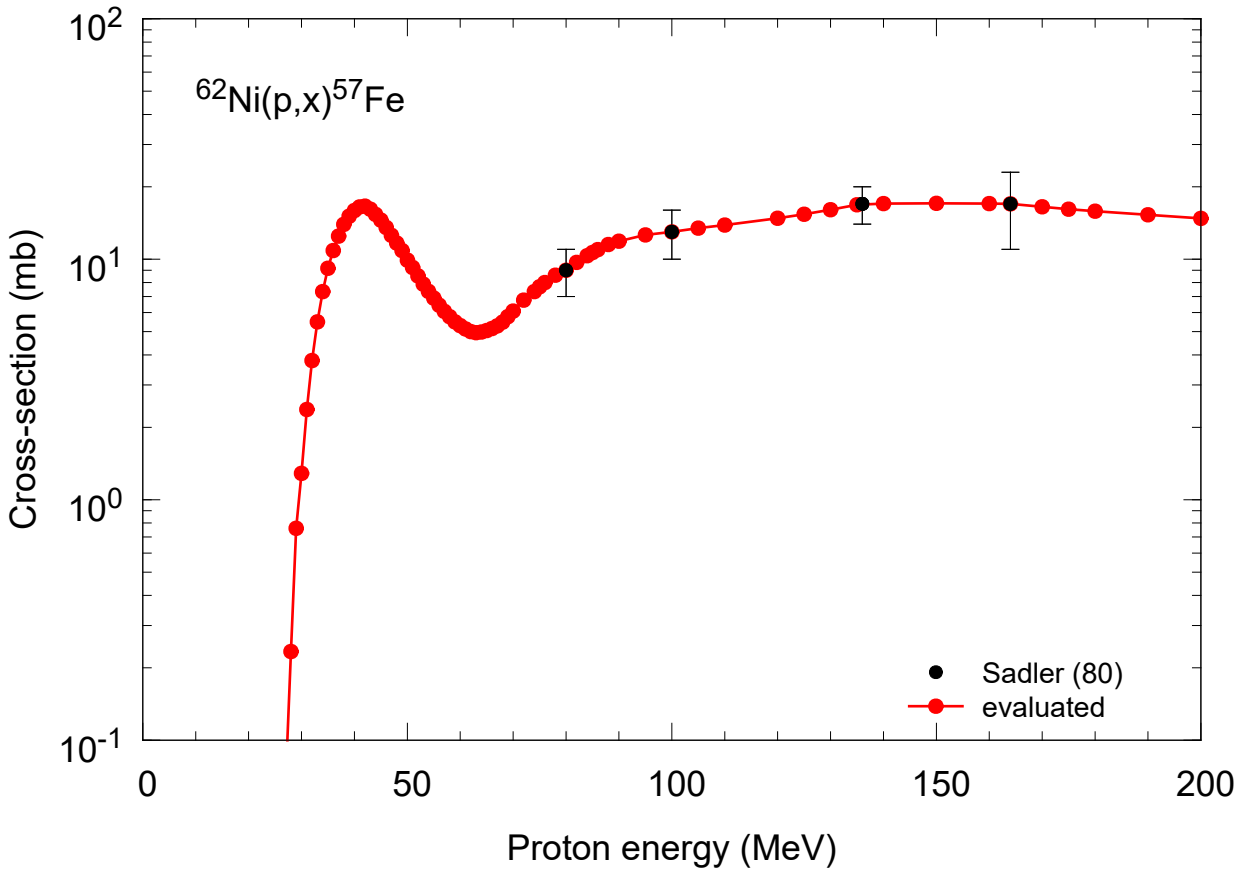

^{62}Ni(p,x)^{56}Mn(cum)
Cross-section (mb)
Proton energy (MeV)
Jastrzebski (80)
evaluated
10^{1}
10^{0}
10^{-1}
10^{-2}
0
50
100
150
200

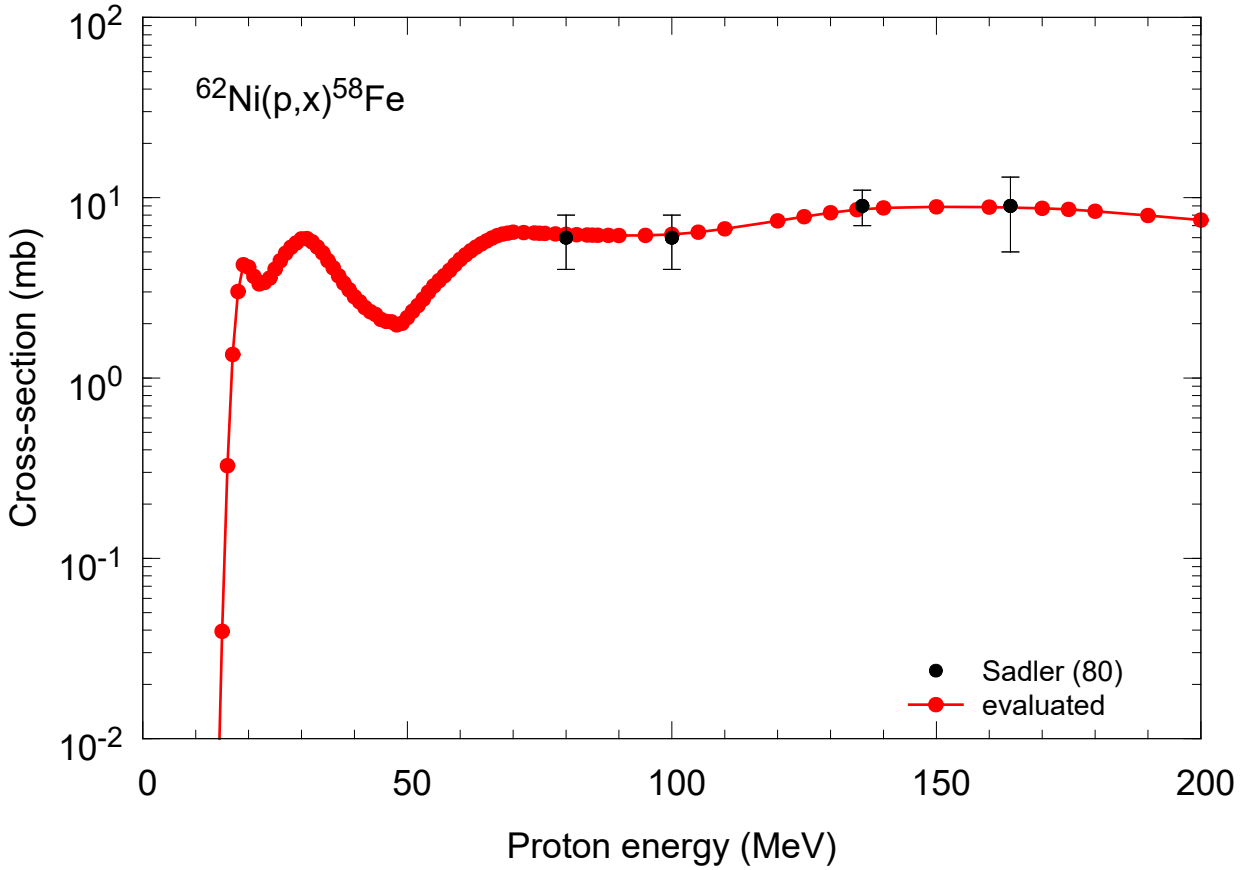

^{62}Ni(p,x)^{52g}Fe
Cross-section (mb)
Proton energy (MeV)
Jastrzebski (80)
evaluated
10^{0}
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200

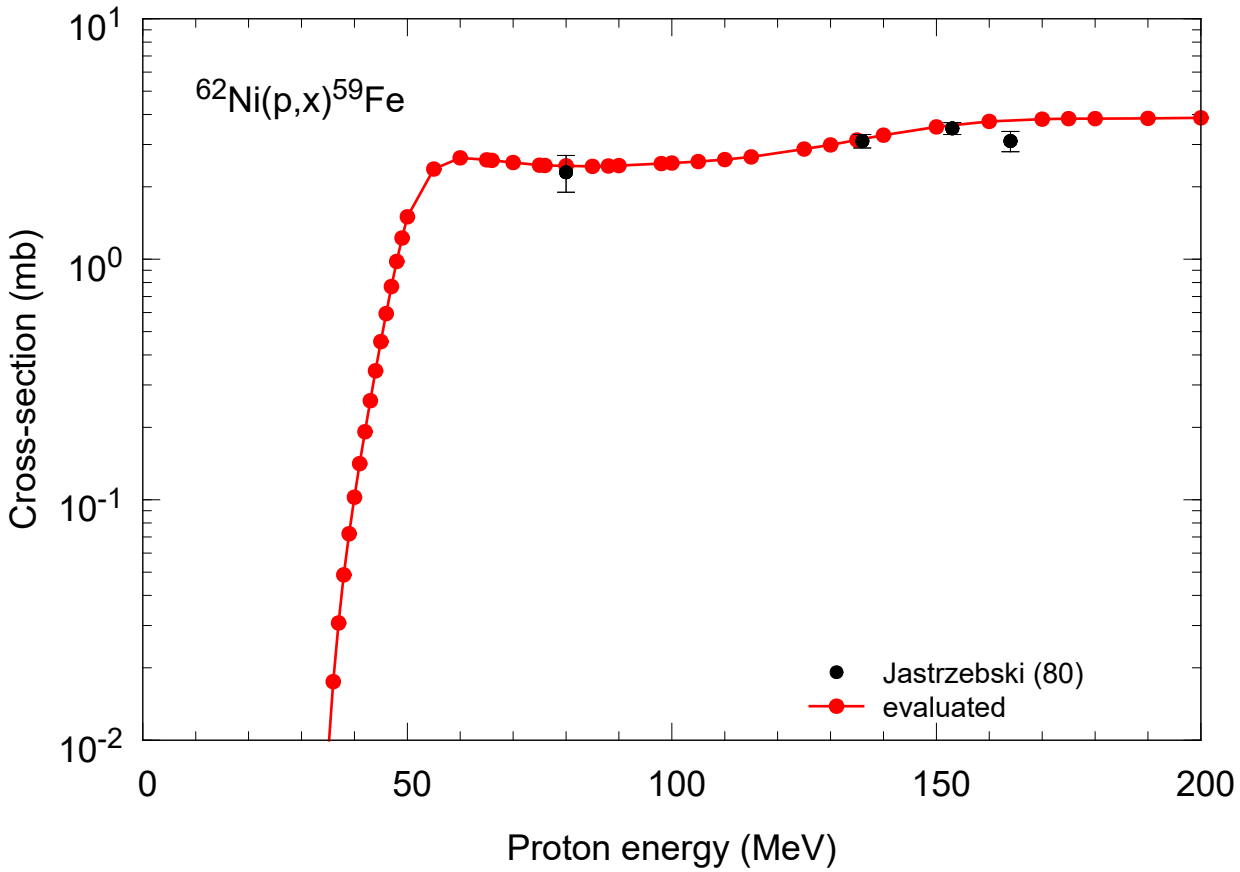

^{62}Ni(p,x)^{54}Fe
Cross-section (mb)
10^{1}
10^{0}
10^{-1}
0
50
100
150
200
Proton energy (MeV)
Sadler (80)
evaluated

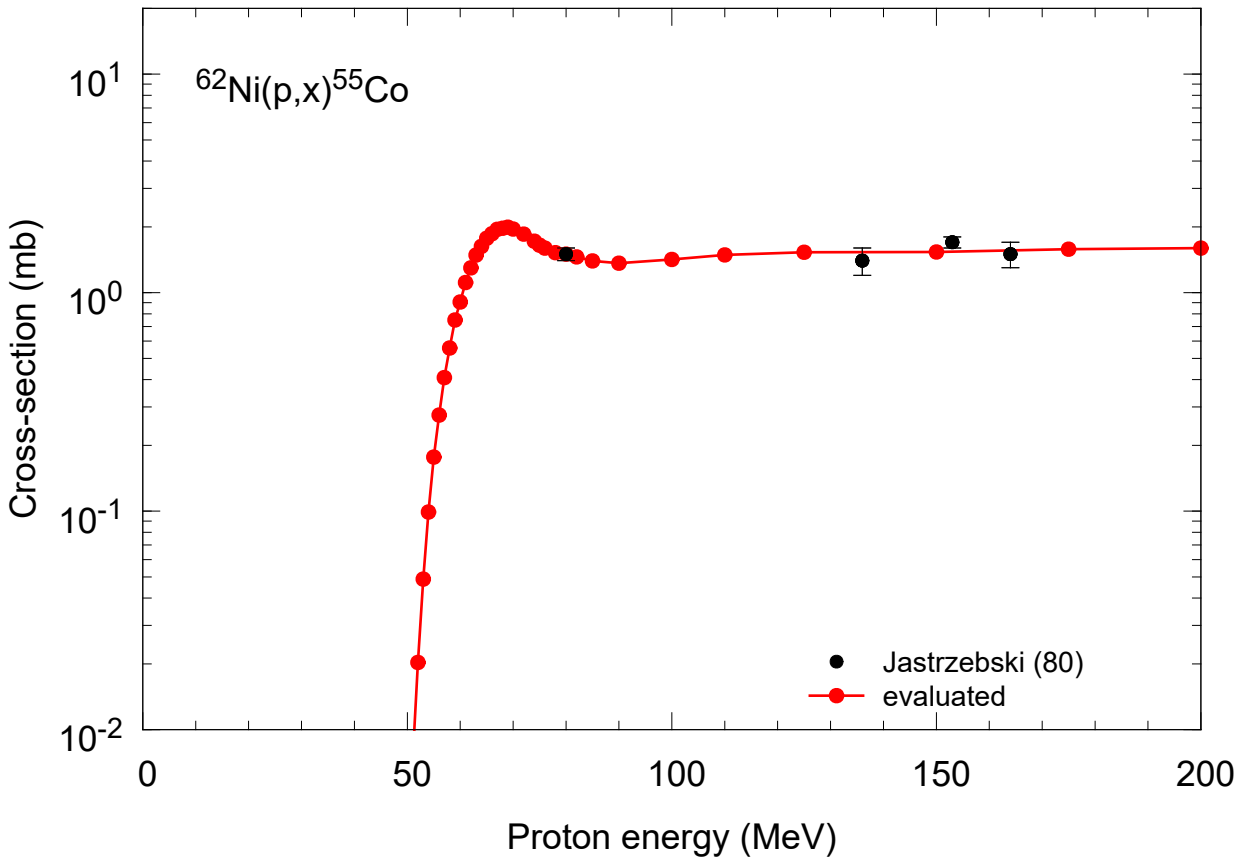

^{62}Ni(p,x)^{55}Fe
Cross-section (mb)
10^{2}
10^{1}
10^{0}
0
50
100
150
200
Proton energy (MeV)
Sadler (80)
evaluated

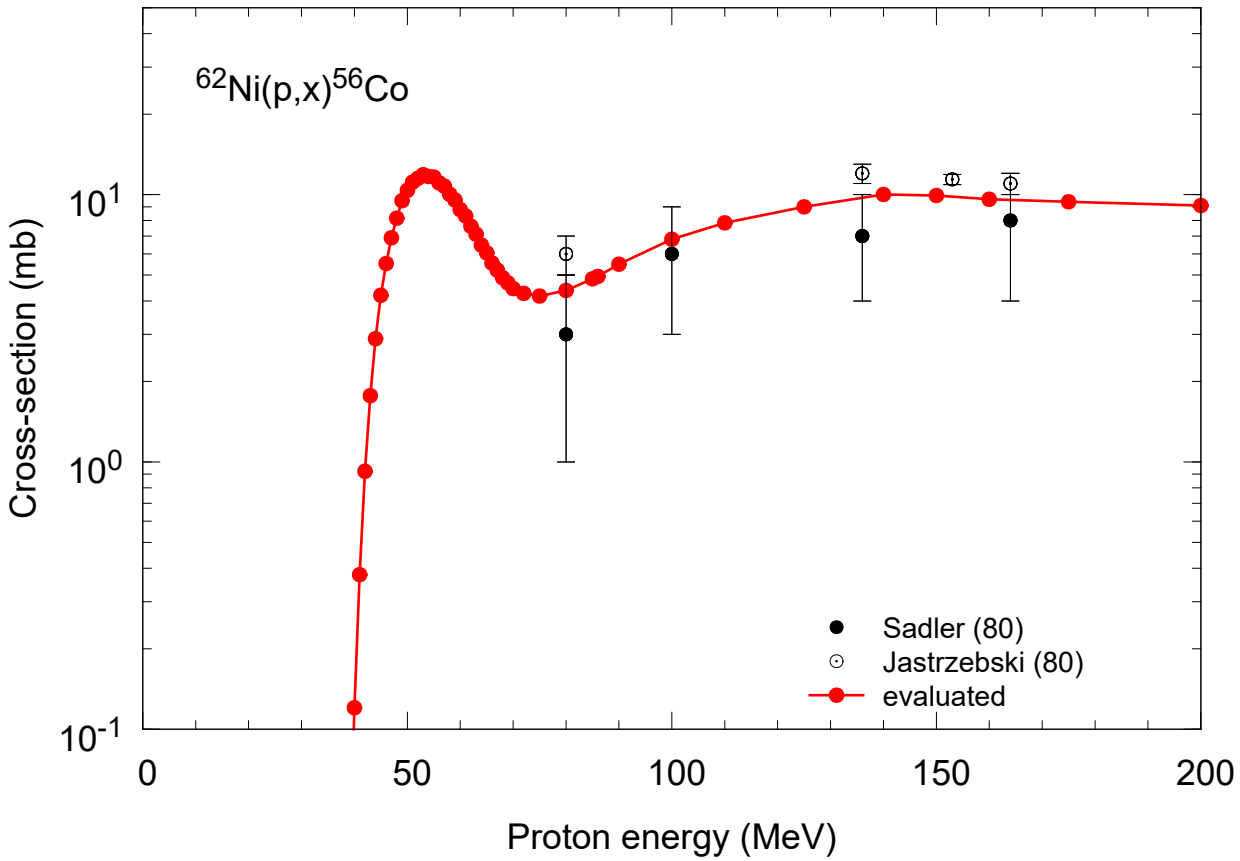

^{62}Ni(p,x)^{56}Fe
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated
10^0
10^1
10^2
0
50
100
150
200

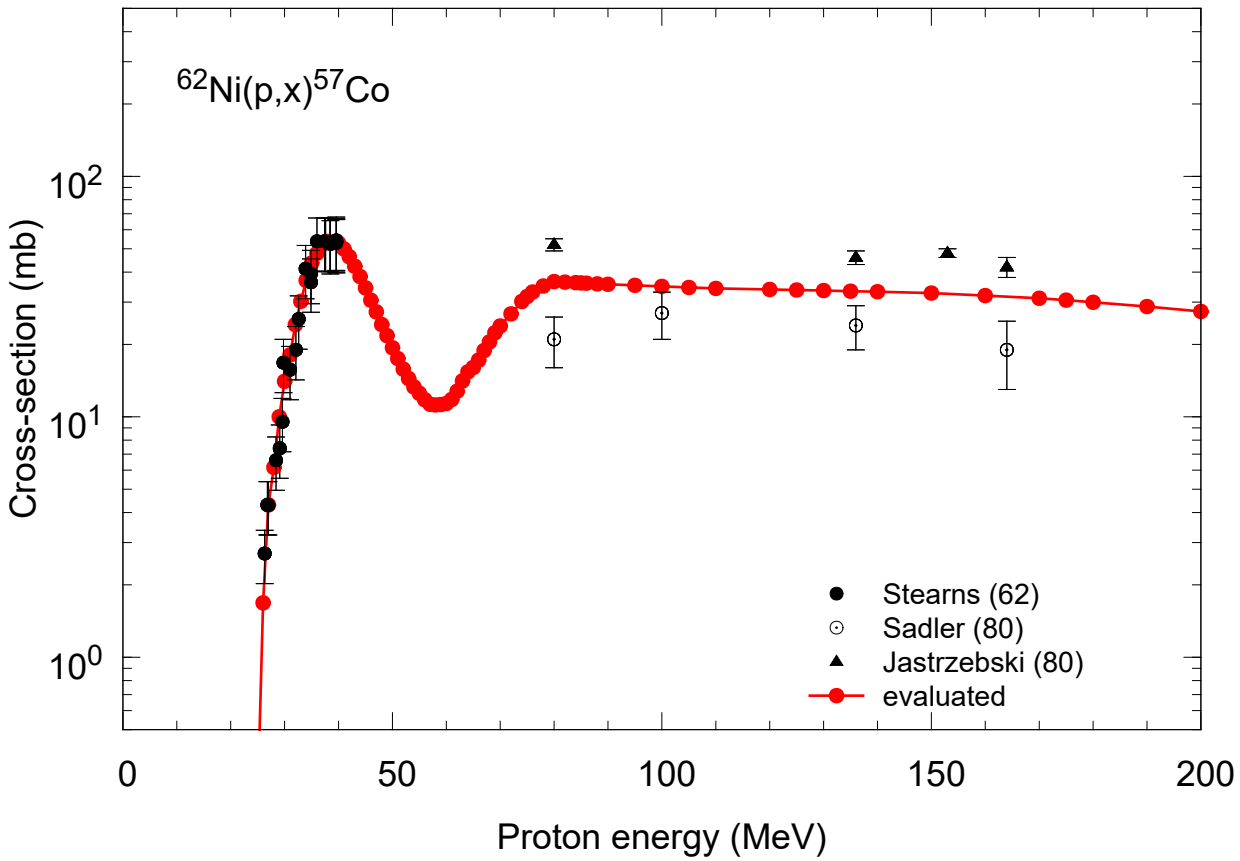

^{62}Ni(p,x)^{57}Fe
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated
10^{-1}
10^0
10^1
10^2
0
50
100
150
200

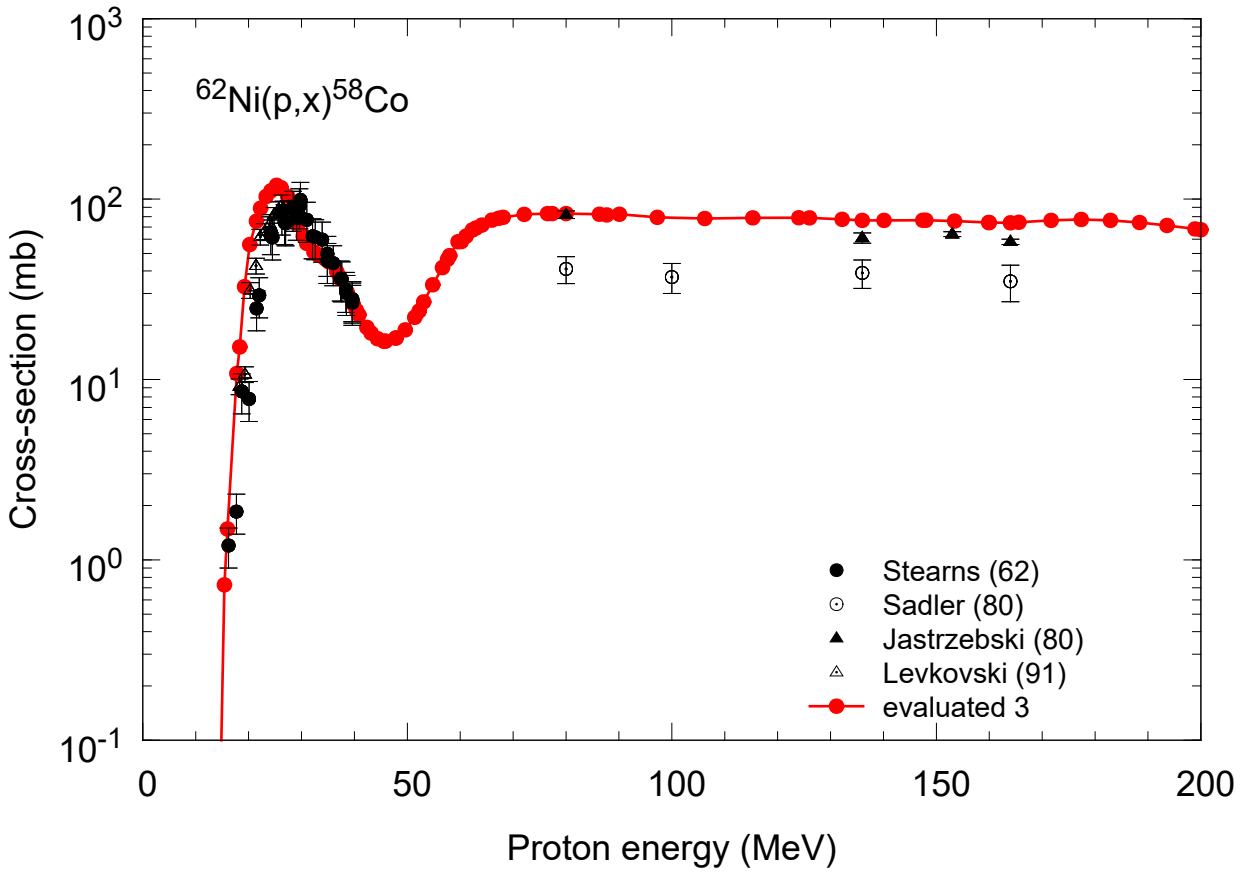

^{62}Ni(p,x)^{58}Fe
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated
10^{2}
10^{1}
10^{0}
10^{-1}
10^{-2}
0
50
100
150
200

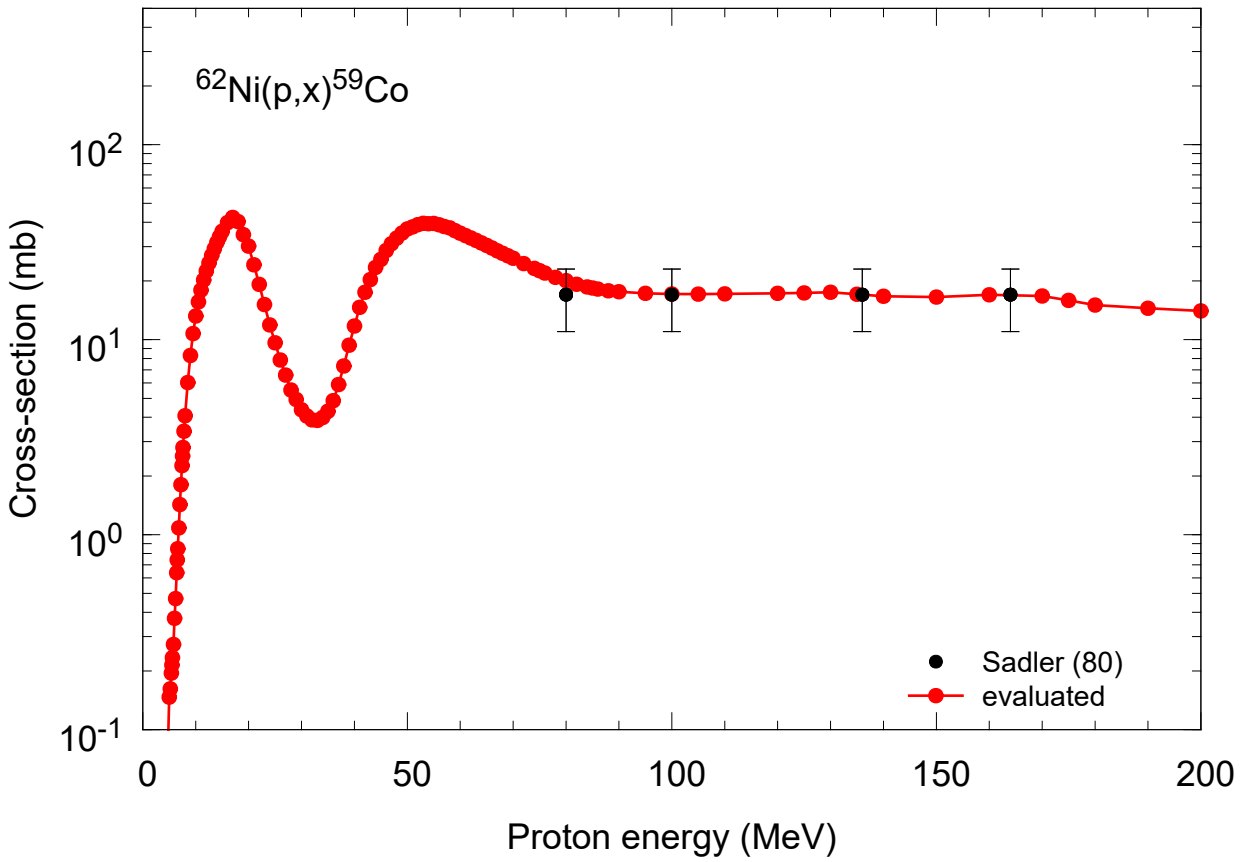

^{62}Ni(p,x)^{59}Fe
Cross-section (mb)
Proton energy (MeV)
Jastrzebski (80)
evaluated
10^{1}
10^{0}
10^{-1}
10^{-2}
0
50
100
150
200

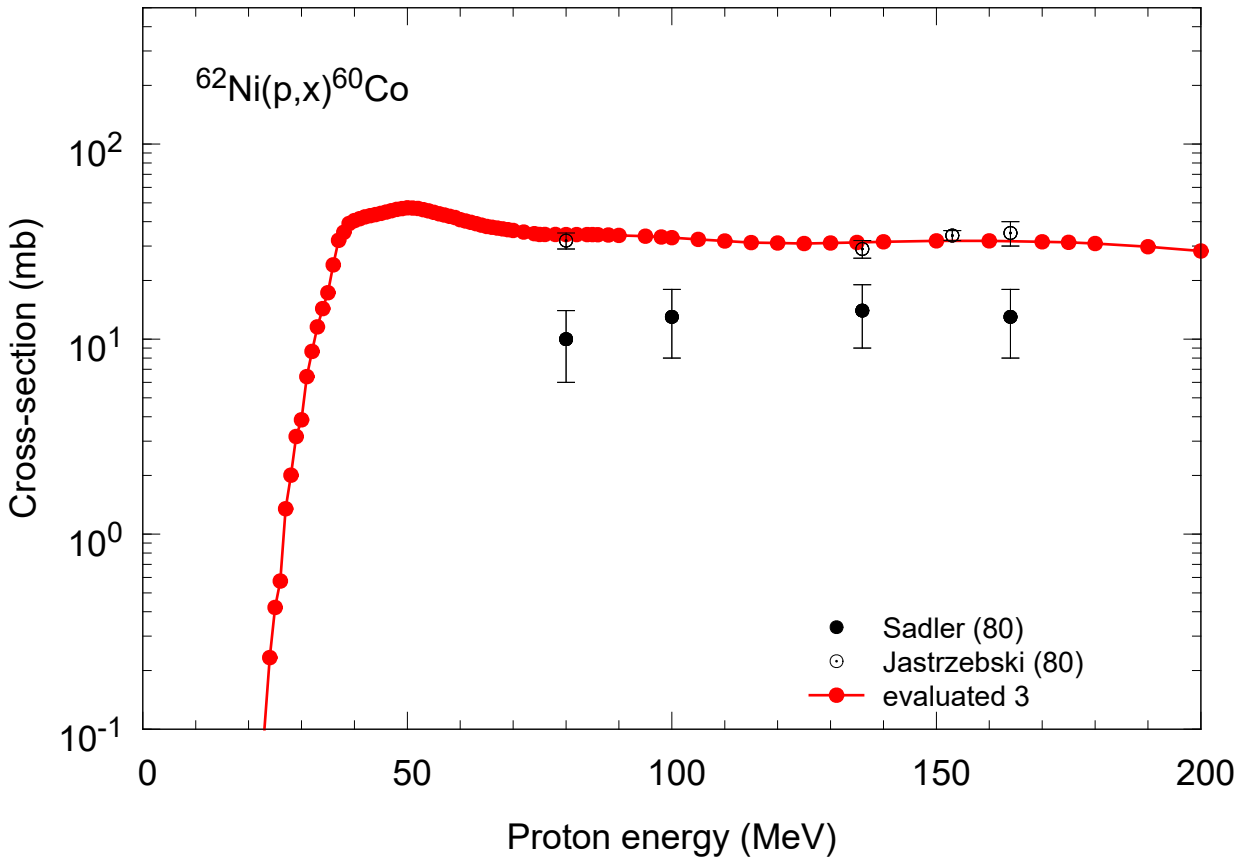

^{62}Ni(p,x)^{55}Co
Cross-section (mb)
Proton energy (MeV)
Jastrzebski (80)
evaluated

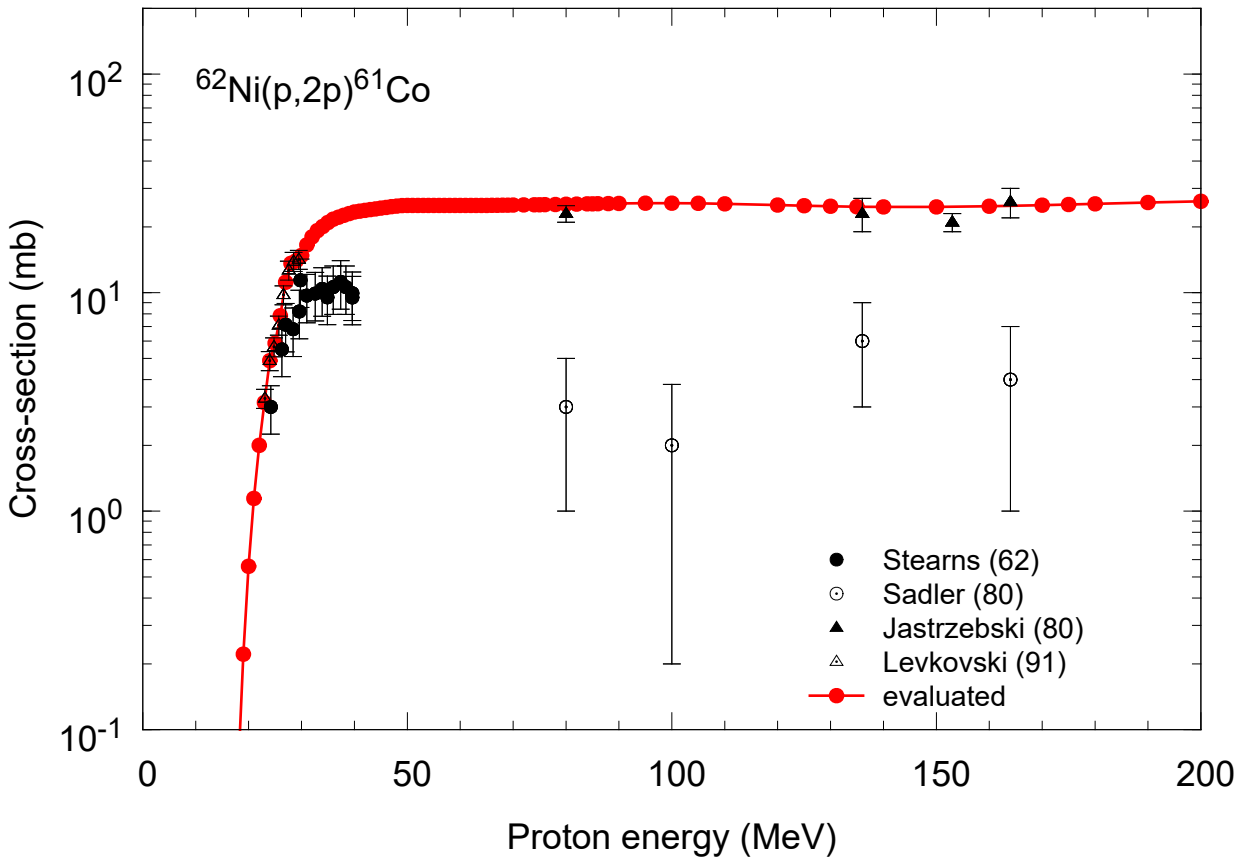

^{62}Ni(p,x)^{56}Co
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
Jastrzebski (80)
evaluated

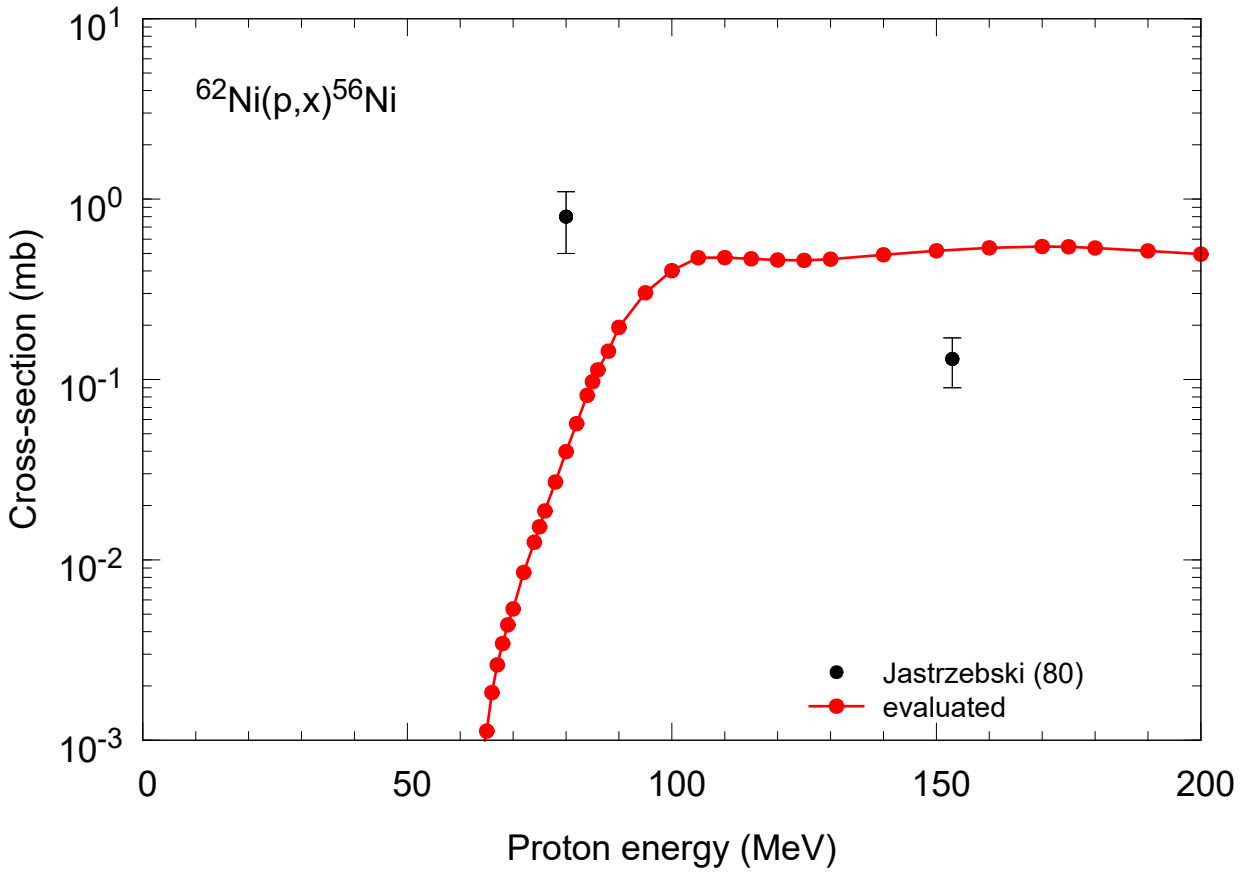

^{62}Ni(p,x)^{57}Co
Cross-section (mb)
Proton energy (MeV)
Stearns (62)
Sadler (80)
Jastrzebski (80)
evaluated

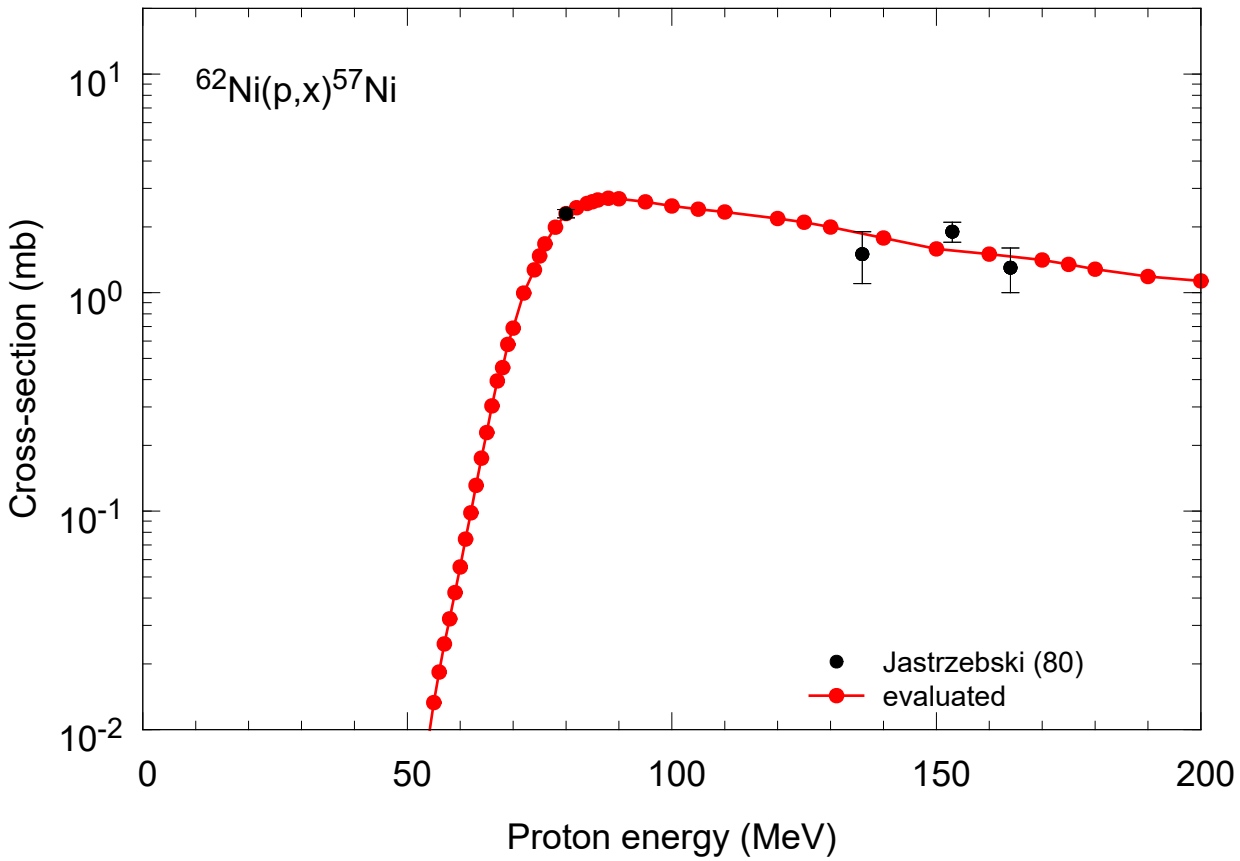

^{62}Ni(p,x)^{58}Co
Cross-section (mb)
Proton energy (MeV)
Stearns (62)
Sadler (80)
Jastrzebski (80)
Levkovski (91)
evaluated 3

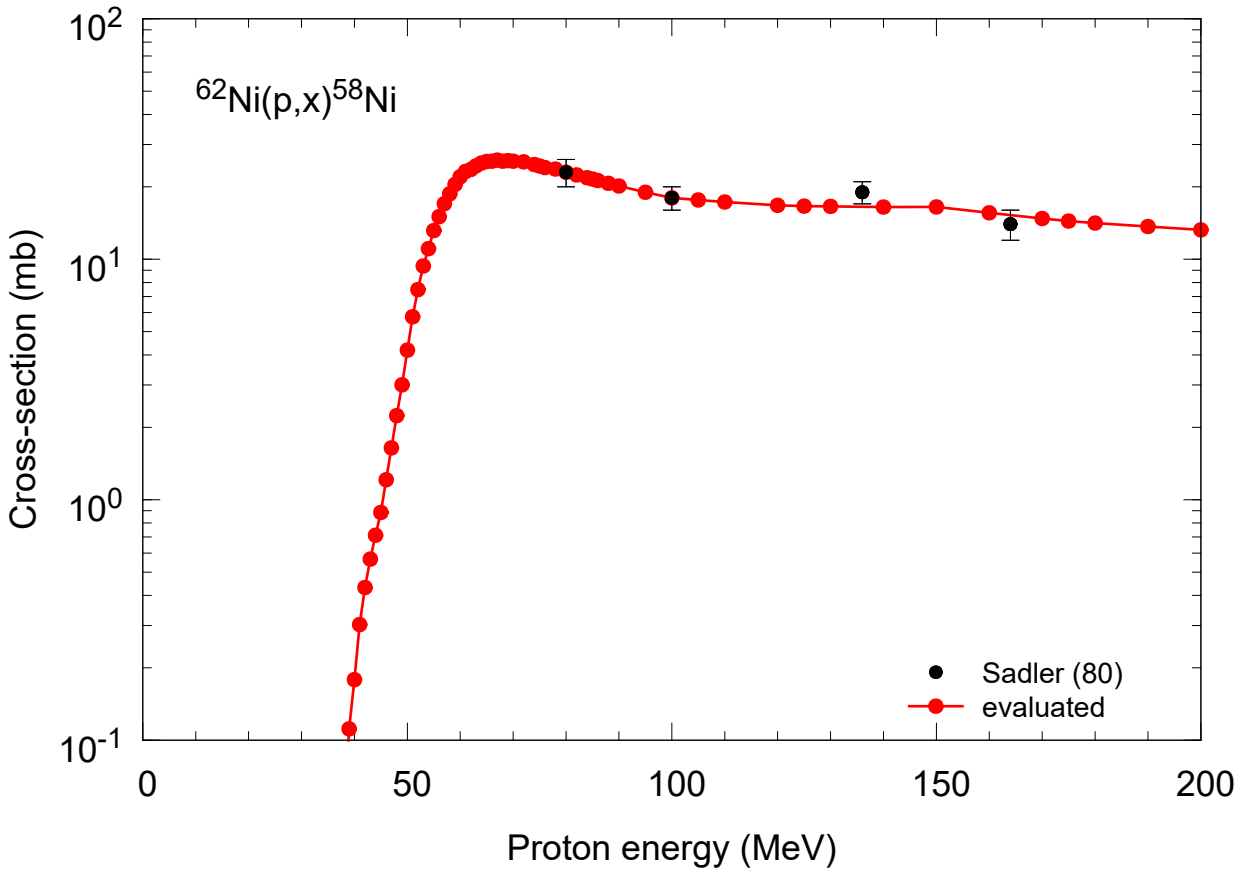

^{62}Ni(p,x)^{59}Co
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated

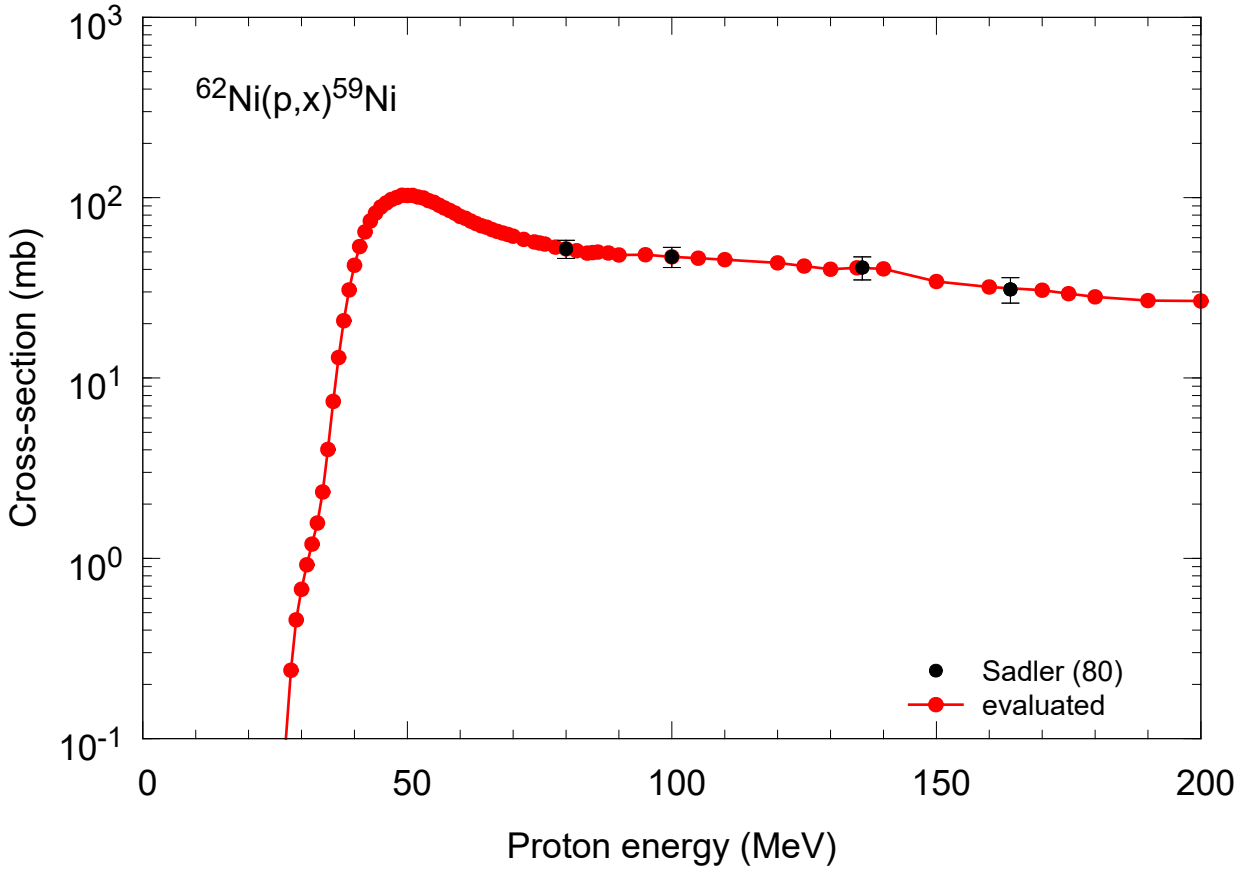

^{62}Ni(p,x)^{60}Co
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
Jastrzebski (80)
evaluated 3

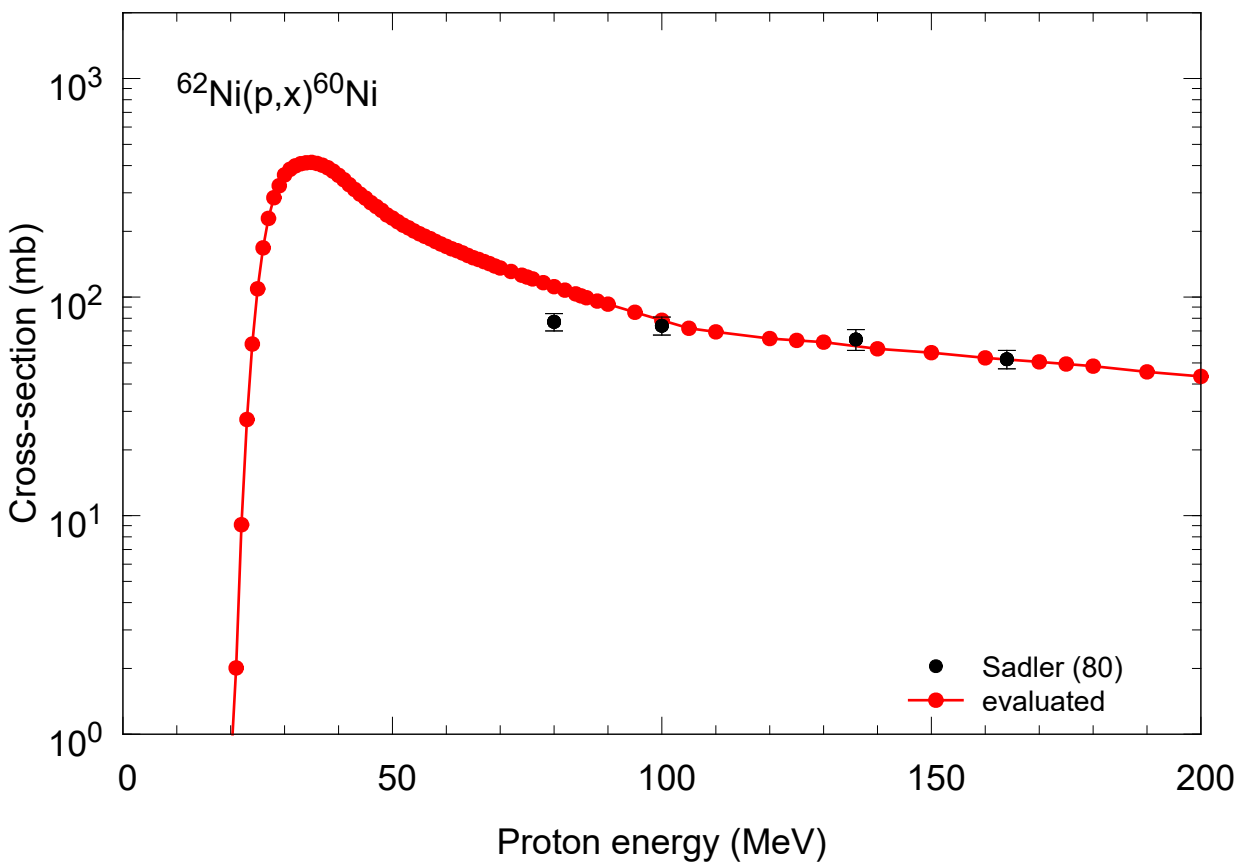

^{62}Ni(p,2p)^{61}Co
Cross-section (mb)
Proton energy (MeV)
Stearns (62)
Sadler (80)
Jastrzebski (80)
Levkovski (91)
evaluated

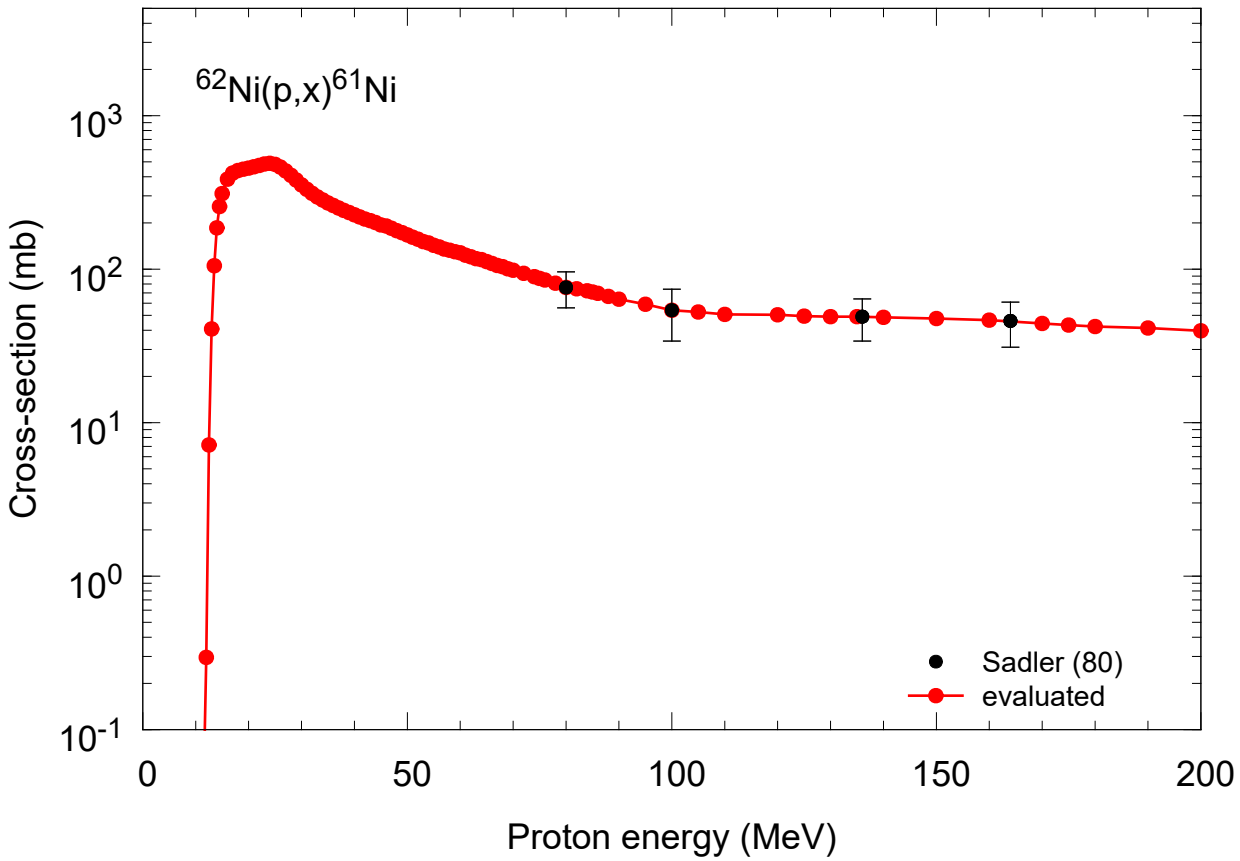

^{62}Ni(p,x)^{56}Ni
Cross-section (mb)
Proton energy (MeV)
Jastrzebski (80)
evaluated

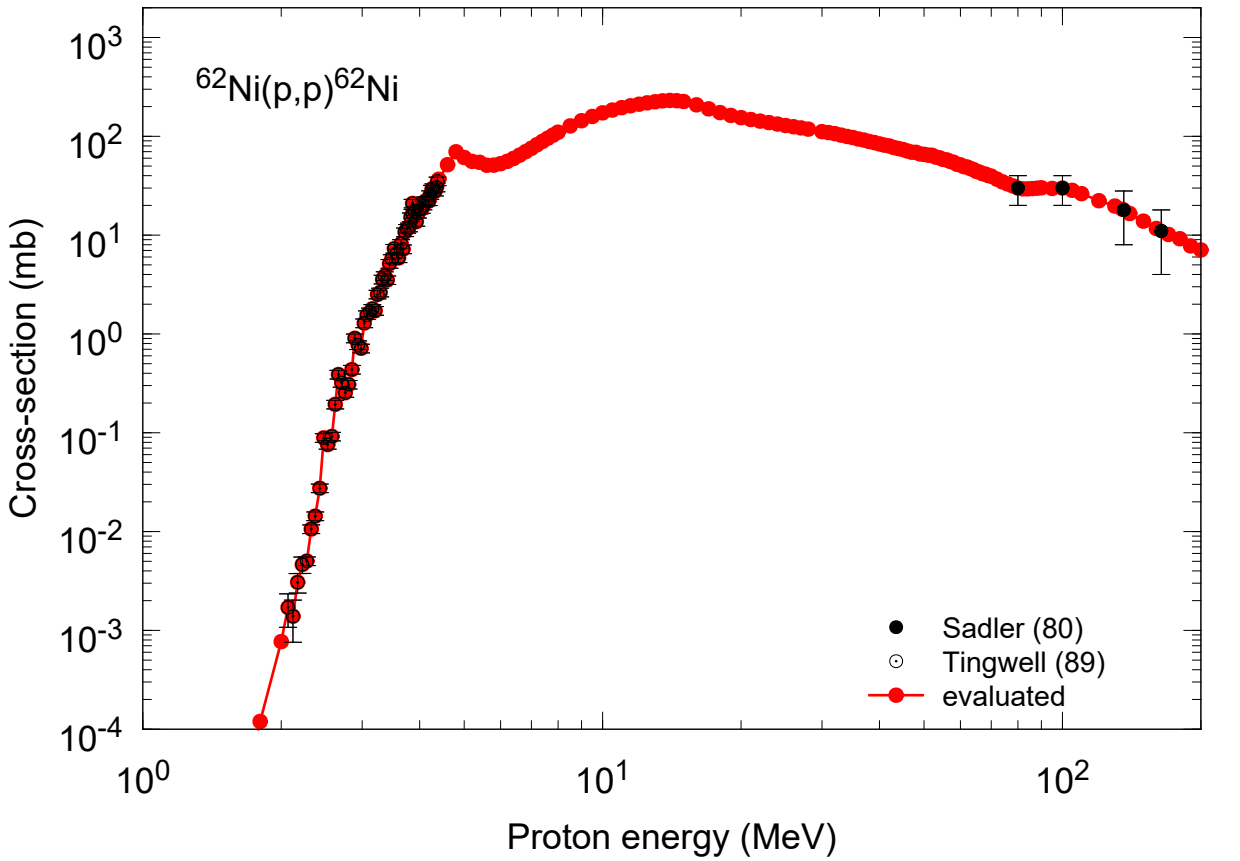

^{62}Ni(p,x)^{57}Ni
Cross-section (mb)
Proton energy (MeV)
Jastrzebski (80)
evaluated
10^{1}
10^{0}
10^{-1}
10^{-2}
0
50
100
150
200

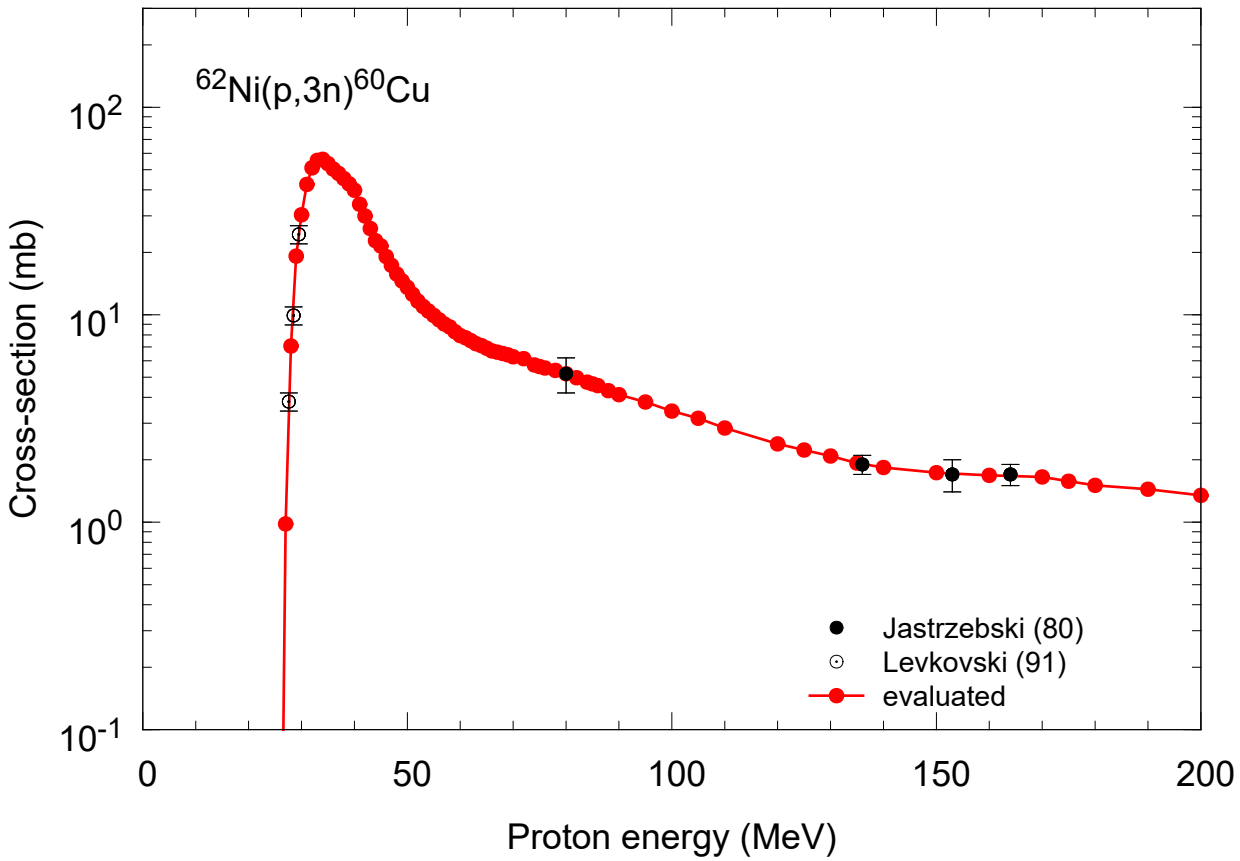

^{62}Ni(p,x)^{58}Ni
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated
10^{2}
10^{1}
10^{0}
10^{-1}
0
50
100
150
200

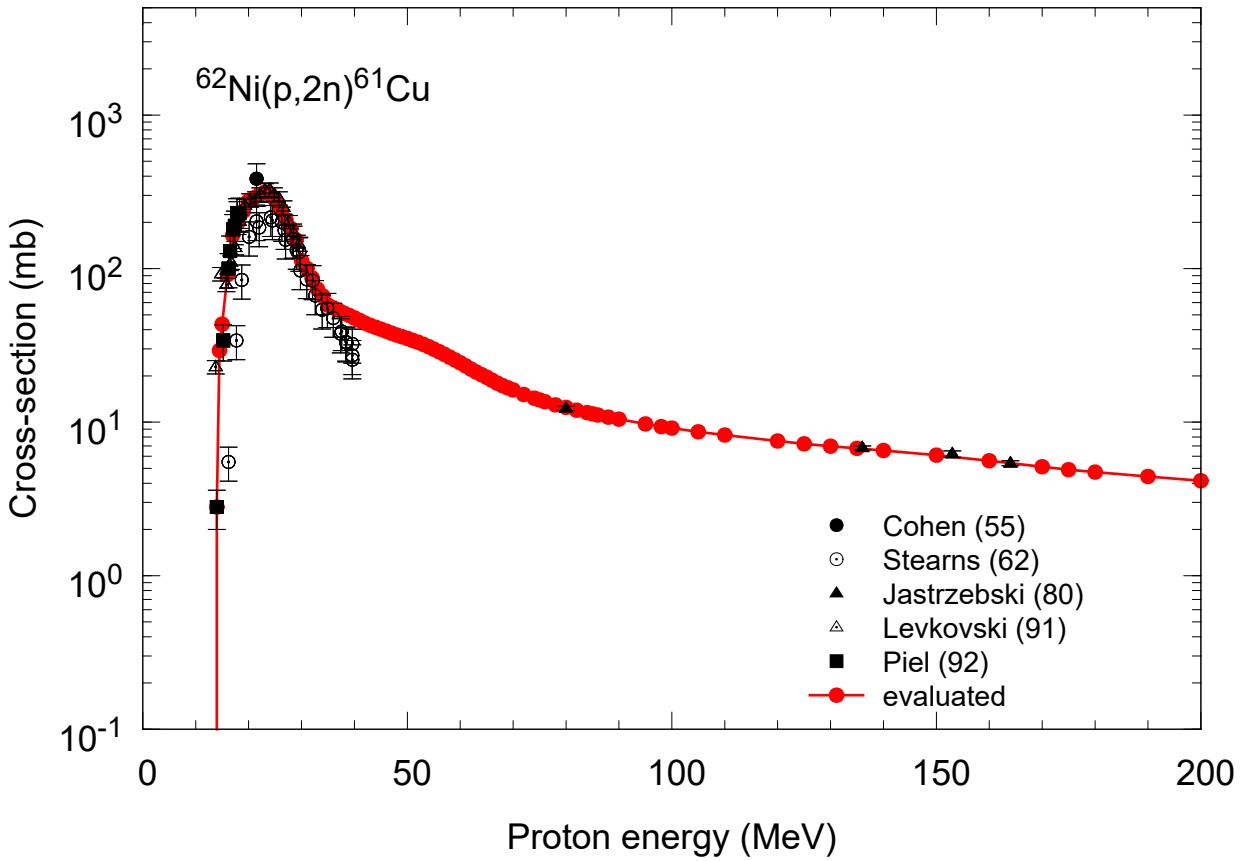

^{62}Ni(p,x)^{59}Ni
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated
10^{3}
10^{2}
10^{1}
10^{0}
10^{-1}
0
50
100
150
200

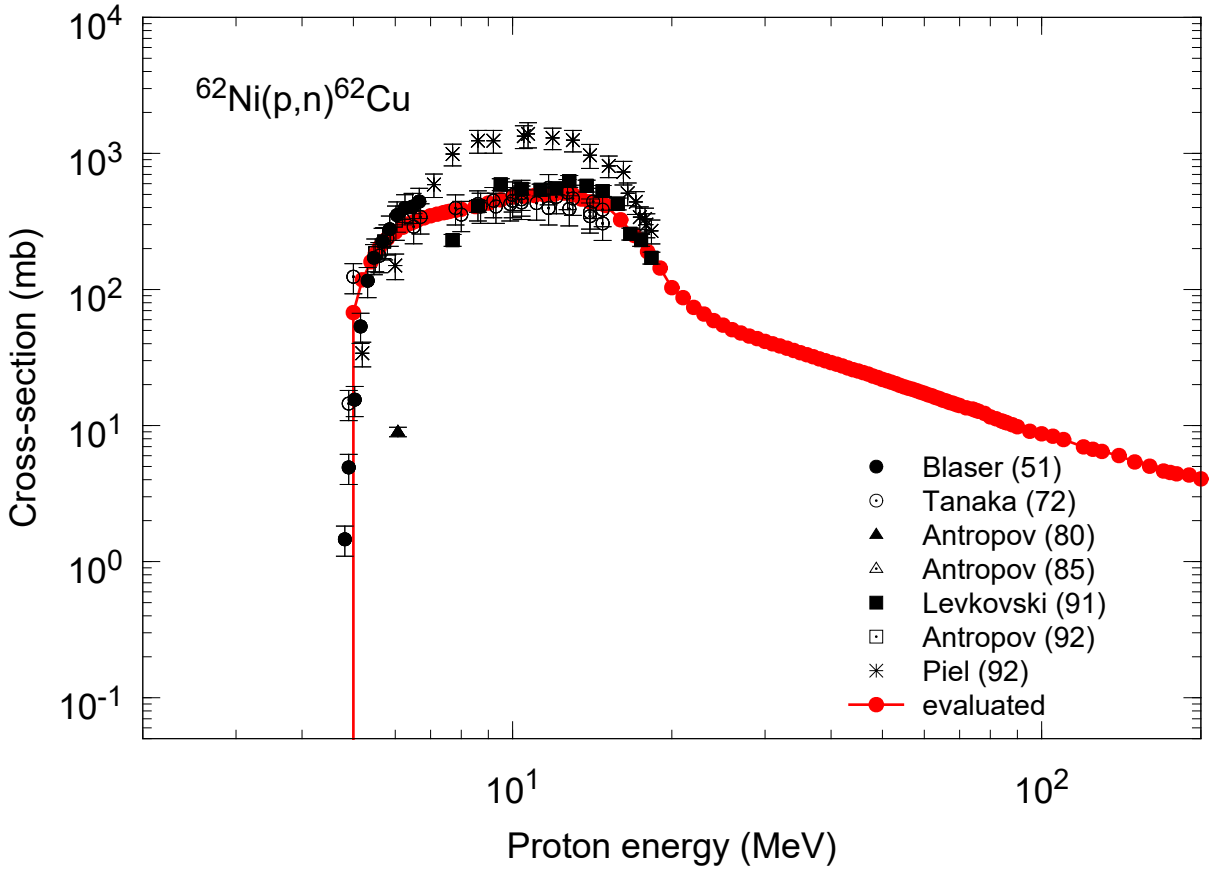

^{62}Ni(p,x)^{60}Ni
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated
10^{3}
10^{2}
10^{1}
10^{0}
0
50
100
150
200

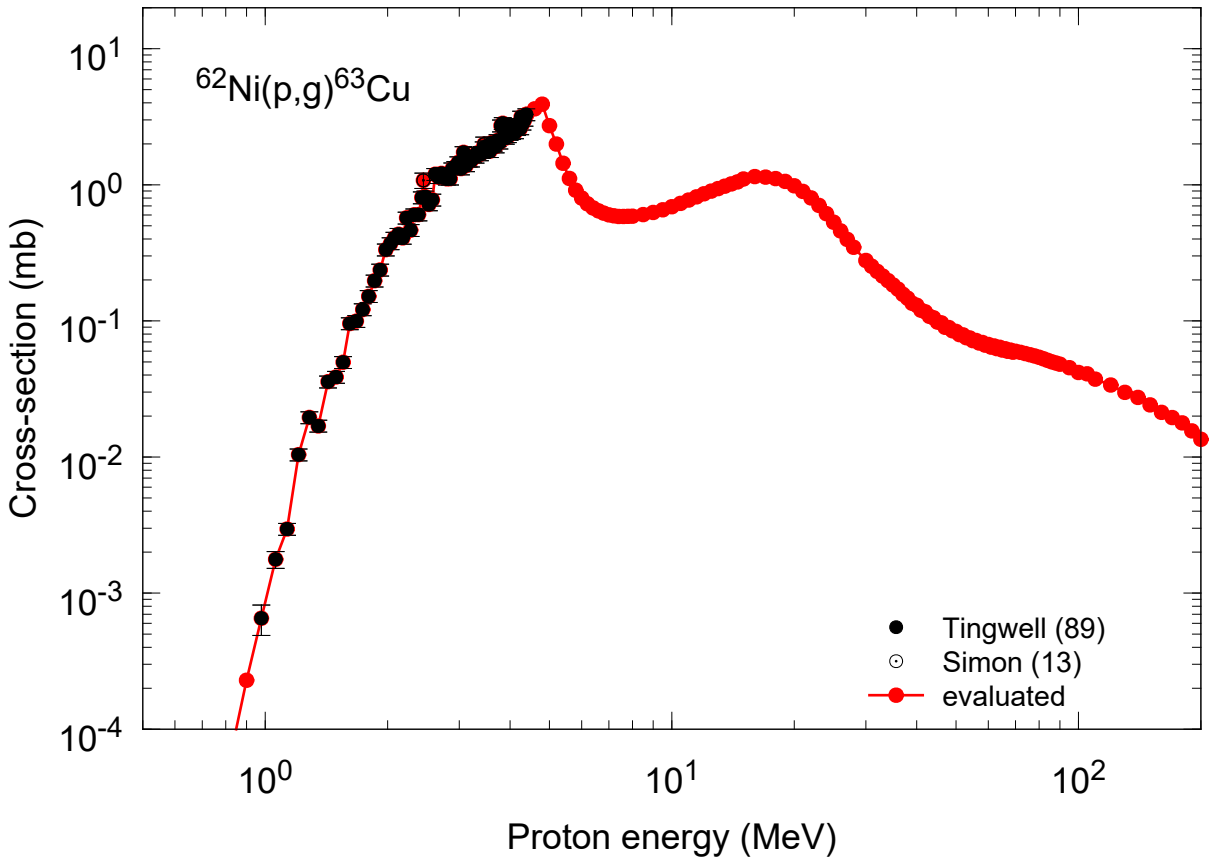

^{62}Ni(p,x)^{61}Ni
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
evaluated


^{62}Ni(p,p)^{62}Ni
Cross-section (mb)
Proton energy (MeV)
Sadler (80)
Tingwell (89)
evaluated


^{62}Ni(p,3n)^{60}Cu
Cross-section (mb)
Proton energy (MeV)
Jastrzebski (80)
Levkovski (91)
evaluated


^{62}Ni(p,2n)^{61}Cu
Cross-section (mb)
Proton energy (MeV)
Cohen (55)
Stearns (62)
Jastrzebski (80)
Levkovski (91)
Piel (92)
evaluated


^{62}Ni(p,n)^{62}Cu
Cross-section (mb)
Proton energy (MeV)
Blaser (51)
Tanaka (72)
Antropov (80)
Antropov (85)
Levkovski (91)
Antropov (92)
Piel (92)
evaluated


^{62}Ni(p,g)^{63}Cu
Cross-section (mb)
Proton energy (MeV)
Tingwell (89)
Simon (13)
evaluated