

Table 3: Sources of experimental cross sections used for the intercomparison. KR77 omitted generally for Au. All cross sections are cumulative if not otherwise noted as type “I” for i or “d” for direct.

reaction	type	references	reaction	type	references
O-0(p,5pxn)BE-7	i	MI96	ZR-0(p,16pxn)MN-54	i	MI96
O-0(p,5pxn)BE-10	i	MI96	ZR-0(p,15pxn)FE-59		MI96
O-0(p,3p3n)C-11	i	AL63 VA63	ZR-0(p,14pxn)CO-56		MI96
O-0(p,3pxn)C-14		TA61 SI91 SI92 SI94	ZR-0(p,14pxn)CO-57		MI96
AL-27(p,13pxn)H-3	i	CU56 GO60 GO64	ZR-0(p,14pxn)CO-58	i	MI96
AL-27(p,12pxn)HE-3	i	BI62 ME67 ME70 GO64 GR88 MI89B MI95 WA76	ZR-0(p,14pxn)CO-60	i	MI96
AL-27(p,12pxn)HE-4	i	BI62 GO64 GR88 MI89B MI95 WA76	ZR-0(p,13pxn)NI-57		MI96
AL-27(p,10p11n)BE-7	i	MI96	ZR-0(p,11pxn)ZN-65		MI96
AL-27(p,10p8n)BE-10	i	MI96	ZR-0(p,10pxn)GA-67		MI96
AL-27(p,5pxn)F-18		LA88	ZR-0(p,9pxn)GE-69		MI96
AL-27(p,4pxn)NE-20		BI62 BA84 GO64 MI89B MI95 WA76	ZR-0(p,8pxn)AS-71		MI96
AL-27(p,4pxn)NE-21		BI62 BA84 GO64 MI89B MI95 WA76	ZR-0(p,8pxn)AS-74	i	MI96
AL-27(p,4pxn)NE-22	d	BI62 BA84 GO64 MI89B MI95 WA76	ZR-0(p,7pxn)SE-75		MI96
AL-27(p,3p3n)NA-22		MI96	ZR-0(p,6pxn)BR-77		MI96
AL-27(p,3pn)NA-24		MI96	ZR-0(p,5pxn)KR-78		RE82
AL-27(p,pn)AL-26		MI96	ZR-0(p,5pxn)KR-79		MI96
FE-0(p,26pxn)H-3	i	BR62A CU56 CU59 FI55 FI57 GO58 GO61 GO64	ZR-0(p,5pxn)KR-80		RE82
FE-0(p,25pxn)HE-3	i	BI62 GO61 GO64 ME67 MI95 MI96 SC58	ZR-0(p,5pxn)KR-81		RE82
FE-0(p,25pxn)HE-4	i	BI62 GO61 GO64 GR88 MI95 MI96 SC58	ZR-0(p,5pxn)KR-82		RE82
FE-0(p,23pxn)BE-7	i	MI96	ZR-0(p,5pxn)KR-83		RE82
FE-0(p,23pxn)BE-10	i	MI96	ZR-0(p,5pxn)KR-84		RE82
FE-0(p,17pxn)NE-21		BA84 BI62 GO61 GO64 MI95 MI96 SC59	ZR-0(p,5pxn)KR-85		RE82
FE-0(p,17pxn)NE-22	d	BA84 BI62 GO61 GO64	ZR-0(p,5pxn)KR-86		RE82
FE-0(p,16pxn)NA-22		MI96	ZR-0(p,4pxn)RB-83	i	MI96
FE-0(p,16pxn)NA-24		AS91 CL71B KO67 KO70 LA63 MI95 OR76	ZR-0(p,4pxn)RB-84	i	MI96
FE-0(p,15pxn)MG-28		LA63 MI95 OR76	ZR-0(p,4pxn)RB-86	i	MI96
FE-0(p,14pxn)AL-26	i	MI96	ZR-0(p,3pxn)SR-83		MI96
FE-0(p,10pxn)CL-36	i	BA75 CH72 DE79 HO60 LA64 MI96 RE84 SC59 SC96	ZR-0(p,3pxn)SR-85		MI96
FE-0(p,9pxn)AR-36	d	BI62 GO61, GO64	ZR-0(p,2pxn)Y-86	i	MI96
FE-0(p,9pxn)AR-38		BI62 GO61 GO64 MI96 SC59	ZR-0(p,2pxn)Y-87		MI96
FE-0(p,8pxn)K-42	i	MI96	ZR-0(p,2pxn)Y-88	i	MI96
FE-0(p,8pxn)K-43		MI96	ZR-0(p,pxn)ZR-86		MI96
FE-0(p,6pxn)SC-46	i	MI96	ZR-0(p,pxn)ZR-88		MI96
FE-0(p,4pxn)V-48		MI96	ZR-0(p,pxn)ZR-89		MI96
FE-0(p,3pxn)CR-51		MI96	ZR-0(p,pxn)ZR-95	i	MI96
FE-0(p,2pxn)MN-52		MI96	ZR-0(p,xn)NB-90	i	MI96
FE-0(p,2pxn)MN-54	i	MI96	ZR-0(p,xn)NB-95	i	MI96
FE-0(p,pxn)FE-55		LA63 RA79	ZR-0(p,n)NB-96	i	MI96
FE-0(p,xn)CO-55	i	MI96	AU-197(p,76pxn)BE-7	i	BA58 LA66 MI96 SC94
FE-0(p,xn)CO-56	i	MI96	AU-197(p,69pxn)NA-22		KA67 KO67 MI96
FE-0(p,xn)CO-57	i	MI96	AU-197(p,69pxn)NA-24		CA58 CR63 KA80 KO67 LA59 MI96 PO78
FE-0(p,xn)CO-58	i	MI96	AU-197(p,59p93n)SC-46	i	KA80 MI96 RO74
CO-59(p,p3n)CO-56		MI96	AU-197(p,57p93n)V-48		MI96
CO-59(p,p2n)CO-57		MI96	AU-197(p,55p89n)MN-54	i	MI96
CO-59(p,pn)CO-58	i	MI96	AU-197(p,54p85n)FE-59		MI96
CO-59(p,4n)NI-56	i	CH69 MI96 SH56	AU-197(p,53p89n)CO-56		MI96
CO-59(p,3n)NI-57	i	MI96	AU-197(p,53p87n)CO-58	i	MI96
ZR-0(p,37pxn)BE-7	i	MI96	AU-197(p,53p85n)CO-60	i	MI96
ZR-0(p,30pxn)NA-22		KO67 MI96	AU-197(p,50p83n)ZN-65		MI96
ZR-0(p,20pxn)SC-46	i	MI96	AU-197(p,47p77n)AS-74	i	MI96
ZR-0(p,18pxn)V-48		MI96	AU-197(p,46p77n)SE-75		MI96
ZR-0(p,17pxn)CR-51		MI96	AU-197(p,43p72n)RB-83		MI96
ZR-0(p,16pxn)MN-52		MI96	AU-197(p,43p71n)RB-84	i	MI96
			AU-197(p,43p69n)RB-86	i	MI96
			AU-197(p,42p71n)SR-85		MI96
			AU-197(p,41p70n)Y-87		MI96
			AU-197(p,41p69n)Y-88	i	MI96
			AU-197(p,40p70n)ZR-88		MI96
			AU-197(p,40p69n)ZR-89		MI96
			AU-197(p,40p63n)ZR-95		MI96
			AU-197(p,39p64n)NB-95	i	MI96
			AU-197(p,37p65n)TC-96	i	MI96
			AU-197(p,36p59n)RU-103		MI96
			AU-197(p,35p61n)RH-102	i	MI96
			AU-197(p,33p60n)AG-105		KA80 MI96 RO74

reaction	type	references
AU-197(p,30p55n)SN-113		AS85 MI96
AU-197(p,28p49n)TE-121		AS85 KA80 MI96
AU-197(p,26p45n)XE-127		KA80 MI96
AU-197(p,24p43n)BA-131		KA80 MI96
AU-197(p,24p41n)BA-133		MI96
AU-197(p,22p37n)CE-139		MI96
AU-197(p,17p36n)EU-145		KA80 MI96 SU90
AU-197(p,17p34n)EU-147		MI96
AU-197(p,17p33n)EU-148	i	MI96 SU90
AU-197(p,17p32n)EU-149		MI96
AU-197(p,16p36n)GD-146		MI96
AU-197(p,16p35n)GD-147		MI96
AU-197(p,16p33n)GD-149		MI96
AU-197(p,16p31n)GD-151		MI96
AU-197(p,16p29n)GD-153		MI96
AU-197(p,15p34n)TB-149		BA70 FR65
AU-197(p,15p32n)TB-151		MI96
AU-197(p,15p30n)TB-153		MI96
AU-197(p,15p28n)TB-155		MI96
AU-197(p,11p22n)TM-165		MI96
AU-197(p,11p20n)TM-167		MI96
AU-197(p,11p19n)TM-168	i	AS85 MI96
AU-197(p,10p22n)YB-166		MI96
AU-197(p,10p19n)YB-169		MI96
AU-197(p,9p20n)LU-169		MI96
AU-197(p,9p19n)LU-170		AS85 KA80 MI96 SU90
AU-197(p,9p18n)LU-171		MI96
AU-197(p,9p17n)LU-172		AS85 SU90
AU-197(p,9p16n)LU-173		MI96
AU-197(p,8p18n)HF-172		MI96
AU-197(p,8p17n)HF-173		AS85 MI96 SU90
AU-197(p,8p15n)HF-175		MI96
AU-197(p,5p12n)RE-181		AS85 KA80 MI96 SU90
AU-197(p,5p11n)RE-182		AS85 MI96 SU90
AU-197(p,5p10n)RE-183		MI96
AU-197(p,4p12n)OS-182		KA80 MI96
AU-197(p,4p9n)OS-185		MI96
AU-197(p,4p3n)OS-191		AS85 MI96 SU90
AU-197(p,3p10n)IR-185		MI96 SU90
AU-197(p,3p9n)IR-186		MI96
AU-197(p,3p8n)IR-187		AS85 MI96 SU90
AU-197(p,3p7n)IR-188	i	AS85 KA80 MI96 SU90
AU-197(p,3p6n)IR-189	i	MI96
AU-197(p,3p5n)IR-190	i	AS85 KA80 MI96 SU90
AU-197(p,3p3n)IR-192	i	MI96
AU-197(p,2p8n)Pt-188		MI96
AU-197(p,2p7n)Pt-189		MI96
AU-197(p,2p5n)Pt-191		MI96
AU-197(p,p4n)AU-193		AS85 KA80 MI96 SU90
AU-197(p,p3n)AU-194	i	AS85 KA61 KA80 MI96 SU90
AU-197(p,p2n)AU-195		MI96
AU-197(p,pn)AU-196	i	AS85 GU61 KA61 KA80 MI96 SU90 YU60
AU-197(p,5n)HG-193	i	PO61
AU-197(p,4n)HG-194	i	PO59 MI96
AU-197(p,3n)HG-195	i	GU60 TI63
AU-197(p,n)HG-197	i	GR63 GR73 HA62 SC74 TI63