

TABLE 5: ABBREVIATIONS USED IN THE ‘COMMENT’ FIELD

| Abbreviation | Description |
|---------------------|---|
| A | alpha particle, mass number |
| A-A | Adler-Adler |
| ABS | absolute, absorption |
| ABSL,ABSOL | absolute |
| ABST(R) | abstract |
| ACC | accuracy |
| ACT(IV) | activation, activity |
| ADEG | angular degrees |
| ALF | alpha particle |
| ANAL(YS) | analysis, analysed |
| ANG | angle(s), angular |
| ANGDIS(T) | angular distribution |
| ANGS | angles |
| ANIS(OTR) | anisotropy |
| AS | alphas, angles |
| ASY(M) | asymmetry |
| AV(G) | average |
| A-WID | alpha width |
| B | barns |
| BIN | binary |
| CALC | calculated, calculation |
| CAPT | capture |
| CC,C-C | coupled-channels |
| CE | conversion electrons |
| CF | see also, compare |
| CFD | compared to |
| CH | chamber |
| COEF(F) | coefficient |
| COH | coherent |
| COINC | coincidence |
| COMP | compound |
| COMPIL | compilation |
| COMPNUC | compound nucleus |
| CONF | confirmed, conference |
| CONT | continuous, continued |
| CORR | correction, corrected correlation, correlated |
| CORRC | correction, corrected |
| CORREL | correlation, correlated |
| COV(AR) | covariance |
| CRV | curve |
| CRYST | crystal |
| CS | cross section |
| CUM(UL) | cumulative |
| CURV | curve |
| C-W | Cockcroft-Walton |
| D | days, level spacing, decimal (in older entries) |
| DA | differential with angle |
| DA/DE | double differential |
| DDIFF,DDX | double differential |
| DE | differential with energy |
| DEG | degree |
| DEGC | degrees centigrade |
| DEGK | degrees Kelvin |
| DEL | differential elastic scattering |
| DEL(T) | delta, deviation |
| DEL | N delayed neutrons |
| DET | detector, detected |
| DFN | level spacing function |
| DIFF | differential |

| Abbreviation | Description |
|---------------------|---|
| DIFFSIG | differential cross section |
| DDIFFSIG | double differential cross section |
| DIST(R) | distribution |
| DRVD | derived |
| DSIG | differential cross section |
| DTCTR | detector |
| DWBA | distorted wave Born approximation |
| E | energy |
| E' | secondary energy |
| EC | electron capture |
| EFF | effect(ive), efficiency |
| EG | gamma-ray energy |
| EKIN,E-KIN | kinetic energy |
| EL(AS) | elastic |
| EMIS | emission |
| EN | energy, neutron energy |
| ENG(L) | English |
| EQU(IL) | equilibrium |
| ERR | error |
| ES | energies |
| EV | electron volt |
| EVAL | evaluation |
| EVAP | evaporation |
| EVL | evaluation |
| EXCIT | excitation |
| EXCTD | excited |
| EXP | exponent(ial) |
| EXP(T) | experiment |
| EXP(T)L | experimental |
| F | femto-meters (Fermis) |
| FC | fast chopper |
| FCT | function |
| FCY | fractional cumulative yield |
| FF,FFRAG | fission fragment |
| FI | fractional independent |
| FIG | figure (graph) given |
| FIS(S) | fission |
| FIY | fractional independent yield |
| FM | femto-meters (Fermis) |
| FN | function |
| FP | submitted for publication in this form |
| FPROD | fission product |
| FR | French |
| FRAG | fragment |
| FREQ | frequency |
| FUNC | function |
| FWD | forward |
| F-WID | fission width |
| G | gamma-ray, statistical weight (as in 2G*WN) |
| GAM | gamma-ray |
| GDR | giant dipole resonance |
| GELI | Ge(Li) detector |
| GEOM | geometry |
| GIVN | given (as in VAL GIVN) |
| GND | ground state |
| GRPH | graph |
| GS | Gamma-rays, ground state |
| GT | greater than |
| GVN | given (as in VAL GVN) |
| G-WID | gamma width |
| H | hours |

| Abbreviation | Description |
|---------------------|----------------------------------|
| H-F | Hauser-Feshbach (theory) |
| H-F-M | Hauser-Feshbach-Moldauer |
| HL | Half-life |
| I | nuclear spin, resonance integral |
| IA | isotopic assignment |
| IC | internal conversion |
| IC,I-C | ionization chamber |
| IND(EP) | independent |
| INEL | inelastic (scattering) |
| INT(EG) | integral, integrated |
| INT(ENS) | intensity, intensities |
| INT CONV | internal conversion |
| INV | inverse reaction |
| ISOM | isomer, isomeric state |
| ISOT | isotope, isotopic |
| ISOTR | isotropic |
| J | total angular momentum |
| K | degrees Kelvin |
| KB | kilobarn |
| KE,K-E | kinetic energy |
| KEV | kiloelectron volts |
| KIN-E | kinetic energy |
| K-N | Kriegler-Nelkin |
| L | orbital angular momentum |
| LCP | light charged particles |
| LEG COEF(F) | Legendre coefficients |
| LINAC | linear accelerator |
| LRA | long range alphas |
| LT | less than |
| LVL | level, state |
| M | minutes, minus |
| MAX | maximum |
| MAXW | Maxwellian spectrum |
| MB | millibarn |
| MDL | model |
| MEAS | measured, measurement |
| META | metastable state |
| METH | method |
| MEV | mega electron volts |
| MIN | minutes, minimum |
| MOD | model |
| M-R | Moxon-Rae detector |
| MS | millisecond, massspectrometer |
| MUB | microbarn |
| MULTISCAT | multiple scattering |
| MUS | microsecond |
| N | neutron, neutron number |
| NAI | sodium iodide detector |
| NDG | no data given |
| NEUT | neutron(s) |
| NG | (n,gamma) |
| NF | fission |
| NORM | normalized |
| NP | (n,proton) etc. |
| NS | neutrons, nanoseconds |
| NUC(L) | nucleus, nuclear |
| N-WID | neutron width |
| OBS | observed |
| OBSOL | obsolete |
| OKS | confirms, agrees with |
| OPTMDL | optical model |

| Abbreviation | Description |
|---------------------|-----------------------------------|
| OSC | oscillator |
| OTH(R),OTHS | other(s) |
| P | proton, plus |
| PAR(AM) | parameter |
| PARS | parameters |
| P-B | PereyBuck |
| PC,PERC | percent |
| PI | parity |
| PK(S) | peak(s) |
| PM | plus or minus |
| POL | polynomial |
| POL(RZ) | polarization, polarized |
| POLRZD | polarized |
| PREEQ | pre-equilibrium |
| PRELIM | preliminary |
| PROD | product, production |
| PS | protons |
| PSR | per steradian |
| P-T | Porter-Thomas |
| Q(-VAL) | total reaction or decay energy |
| R | nuclear radius |
| REAC | reactor, reaction |
| RECOM | recommended |
| REF | reference |
| REL | relative to |
| RES | resonance |
| RES INT | resonance integral |
| RESOL | resolution |
| RESON | resonance |
| RESPARS | resonance parameters |
| REVV | review |
| RI | resonance integral |
| R-M | Reich-Moore |
| RSLN | resolution |
| RVW | review |
| S | seconds, cross section |
| S0,S1 | strength function, L=0, L=1, etc. |
| SC | scintillator, slow chopper |
| SCAT | scattering |
| SCH | scheme |
| SCIN(T) | scintillator |
| SCIS | scission |
| SCT | scattering |
| SC-T | scintillator tank |
| SEL | elastic scattering |
| SIG | cross section |
| SNE | sigma nonelastic |
| SPEC(T) | spectrum, spectrometer |
| SPH | sphere, spherical |
| SPON | spontaneous |
| SPRSDD | superseded |
| SQ | square |
| /SR | per steradian |
| STAT | statistical |
| STATMDL | statistical model |
| SUPERSDD | superseded |
| T | temperature, time, triton |
| TBC | to be completed |
| TBD | to be done |
| TBG | to be given |
| TBL | table |

| Abbreviation | Description |
|---------------------|---|
| TBP | to be published |
| TCAP | time correlated associated particles |
| TER(N) | ternary |
| TH(E0) | theory |
| THR | thermal |
| THR(E)S | threshold |
| TKE | total kinetic energy |
| TOF | time of flight |
| TOT | total |
| TR | threshold |
| TRANS | transmission |
| TRANSL | translation |
| TRNS | transmission |
| TWID | total width |
| VAL | value |
| VAR | variation, variance |
| VDG | Van de Graaff |
| VEL | velocity |
| VS | versus |
| WA | alpha width |
| W-D(IST) | Wigner distribution |
| WF | fission width |
| WG | gamma width |
| WID | width |
| WN | neutron width |
| WT | total width |
| X | wrong, negative (prefix) |
| XCIT | excitation |
| XPT | experiment |
| XPTL | experimental |
| XTAL | crystal |
| Y | years |
| YLD | yield |
| Z | atomic number |
| ZP | most probable charge of fission fragments |