



INTERNATIONAL ATOMIC ENERGY AGENCY

**NUCLEAR DATA SERVICES**

DOCUMENTATION SERIES OF THE IAEA NUCLEAR DATA SECTION

**IAEA-NDS-155**

November 1994

**ENDF/B-5**

The "ENDF/B-5 General Purpose File",  
nuclear data library by the U.S. National Nuclear Data Center

Summary of contents

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**Abstract:** The ENDF/B-5 nuclear data library that was released by the U.S. National Nuclear Data Center, is summarized. The data library is available on magnetic tape from the IAEA Nuclear Data Section, costfree, upon request.

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## ENDF/B-5

The "ENDF/B-5 General Purpose File",  
nuclear data library by the U.S. National Nuclear Data Center

Originally, only certain parts and sublibraries of ENDF/B-5 had been released, i.e.

ENDF/B-5	Actinides	see IAEA-NDS-13
ENDF/B-5	Standards	see IAEA-NDS-15
ENDF/B-5	Dosimetry File	see IAEA-NDS-24
ENDF/B-5	Fission Product Library	see IAEA-NDS-25
ENDF/B-5	Activation File	see IAEA-NDS-38
ENDF/B-5	Gas Production File	see IAEA-NDS-42
ENDF/B-5	Fission Product Yields	see IAEA-NDS-62

The bulk of ENDF/B-5, i.e. the so-called General-Purpose File, was released only in 1994 when it was superseded since several years by ENDF/B-6, see document IAEA-NDS-100. Nevertheless, the ENDF/B-5 library may still be of interest for intercomparison purposes.

Graphical plots of the entire library are contained in:

*B.A. Magurno, R.R. Kinsey, F.M. Scheffel:*

Guidebook for the ENDF/B-V Nuclear Data Files, report EPRI-NP-2510.

The following table of "Contents of ENDF/B-V" has been taken from this report.

The format of the library is ENDF-5 which is documented in IAEA-NDS-75 Rev. 1, which includes the original Manual of 1979 plus a revision of 1983.

CONTENTS OF ENDF/B-V

Material	MAT	Contents	Author	Laboratory	Date
<sup>1</sup> H	1301	Neut.+gamma prod.+covariance	L.Stewart, R.J.LaBauve, P.G.Young	LASL	JAN77
<sup>2</sup> H	1302	Neutron+gamma production	L.Stewart (LASL) A.Horsley (AWRE)	LASL	OCT80
<sup>3</sup> H	1169	Neutron+decay data	Leona Stewart	LASL	OCT74
<sup>3</sup> H	7013	Decay data only	Reich	INEL	APR78
<sup>3</sup> He	1146	Neutron cross sections only	Leona Stewart (LASL)	LASL	JUN68
<sup>4</sup> He	1270	Neutron cross sections only	Nisley, Hale, Young (LASL)	LASL	OCT73
<sup>6</sup> Li	1303	Neut.+gamma prod.+covariance	G.Hale, L.Stewart, P.G.Young	LASL	SEP77
<sup>6</sup> Li	5303	(n,H-1;H-2;H-3;He-4)	L.Stewart, G.Hale, P.Young	LASL	DEC78
<sup>6</sup> Li	6424	(n,He-4)+covariance	L.Stewart, G.Hale, P.Young	LASL	DEC78
<sup>6</sup> Li	7036	(n,t)	G.Hale, L.Stewart, P.G.Young	LASL	SEP77
<sup>7</sup> Li	1272	Neutron+gamma production	R.J.LaBauve, L.Stewart, M.Battat	LASL	OCT72
<sup>7</sup> Li	5272	(n,H-2;H-3;He-4)	L.Stewart	LASL	DEC80
<sup>7</sup> Li	7037	(n,n';gam)	R.J.LaBauve, L.Stewart, M.Battat	LASL	OCT72
<sup>8</sup> Li	7038	Decay data only	Reich	INEL	APR78
<sup>9</sup> Be	1304	Neutron+gamma production	Howerton, Perkins	LLL	OCT80
<sup>9</sup> Be	5304	(n,H-1;H-2;H-3;He-4)	Howerton, Perkins	LLL	OCT80
<sup>10</sup> B	1305	Neut.+gamma prod.+covariance	G.Hale, L.Stewart, P.Young	LASL	JAN77
<sup>10</sup> B	5305	(n,H-1;H-2;He-4)	L.Stewart, G.Hale, P.Young	LASL	JAN79
<sup>10</sup> B	6425	(n,He-4)+covariance	L.Stewart, G.Hale, P.Young	LASL	JAN79
<sup>10</sup> B	7050	(n,t2a)	G.Hale, L.Stewart, P.Young	LASL	JAN77
<sup>11</sup> B	1160	Neutron cross sections only	C.Cowan	GE-BNL	NOV74
<sup>11</sup> B	5160	(n,H-1;H-3;He-4)	C.Cowan	GE-BNL	SEP71
C	1306	Neut.+gamma prod.+covariance	C.Y.Fu and F.G.Perey	ORNL	JAN77
C	5306	(n,H-1;He-4)	C. Y. Fu	ORNL	NOV79
<sup>14</sup> C	7064	Decay data only	Reich	INEL	APR78
<sup>14</sup> N	1275	Neut.+gamma prod.+covariance	P.Young, D.Foster, Jr., G.Hale	LASL	JUN75
<sup>14</sup> N	5275	(n,H-1;He-4)	P.Young, D.Foster, Jr., G.Hale	LASL	JUN75
<sup>14</sup> N	7074	(n,p)	P.Young, D.Foster, Jr., G.Hale	LASL	JUN75
<sup>15</sup> N	1307	Neutron+gamma production	E.Arthur,P.Young,G.Hale	LASL	MAR77
<sup>16</sup> N	7076	Decay data only	Reich	INEL	APR78
<sup>16</sup> O	1276	Neut.+gamma prod.+covariance	P.Young, D.Foster, Jr., G.Hale	LASL	OCT80
<sup>16</sup> O	7086	(n,p)	P.Young, D.Foster, Jr., G.Hale	LASL	JUN75
<sup>17</sup> O	1317	Neutron cross sections only	B.A.Magurno	BNL	JAN78
<sup>18</sup> F	7098	Decay data only	Reich	INEL	APR78
<sup>19</sup> F	1309	Neut.+gamma prod.+covariance	C.Y.Fu,D.C.Larson,F.G.Perey	ORNL	OCT80
<sup>19</sup> F	5309	(n,H-1;He-4)	Larson,Hetrick and Fu	ORNL	DEC80
<sup>19</sup> F	7099	(n,2n)+covariance	C.Y.Fu,D.C.Larson,F.G.Perey	ORNL	NOV79
<sup>23</sup> Ne	7103	Decay data only	Reich	INEL	APR78
<sup>23</sup> Na	7112	Decay data only	Reich	INEL	APR78
<sup>23</sup> Na	1311	Neut.(RP)+gamma+covariance	D. C. Larson	ORNL	OCT80
<sup>23</sup> Na	6311	(n,gam)(RP)+cov.	D.C.Larson	ORNL	DEC77
<sup>23</sup> Na	7113	(n,2n;gam;p)(RP)+cov.	D. C. Larson	ORNL	NOV79
<sup>24</sup> Na	7114	Decay data only	Reich	INEL	APR78
Mg	1312	Neutron+gamma production	D.C.Larson	ORNL	FEB78
<sup>24</sup> Mg	7124	(n,p)	Mann,Larson	HEDL,ORNL	NOV79
<sup>27</sup> Mg	7127	Decay data only	Reich	INEL	APR78
<sup>27</sup> Al	1313	Neut.+gamma prod.+covariance	P.G. Young, D.G. Foster, Jr.	LASL	AUG77
<sup>27</sup> Al	5313	(n,H-1;He-4)	P.G. Young, D.G. Foster, Jr.	LASL	AUG77
<sup>27</sup> Al	6313	(n,p;alpha)+covariance	P.G. Young, D.G. Foster, Jr.	LASL	AUG77
<sup>27</sup> Al	7137	(n,gam;p;alpha)	P.G. Young, D.G. Foster, Jr.	LASL	AUG77
<sup>28</sup> Al	7138	Decay data only	Reich	INEL	APR78
Si	1314	Neut.+gamma prod.+covariance	Larson,Perey,Drake,Young	ORNL	OCT80
Si	5314	(n,H-1;He-4)	D.C.Larson and D.M.Hetrick	ORNL	MAY80

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Material	MAT	Contents	Author	Laboratory	Date
<sup>31</sup> Si	7141	Decay data only	Reich	INEL	APR78
<sup>31</sup> P	1315	Neutron+gamma production	Howerton	LLL	OCT77
<sup>31</sup> P	7151	(n,p)	Howerton	LLL	OCT77
<sup>32</sup> P	7152	Decay data only	Reich	INEL	APR78
S	1347	Neutron(RP)+gamma production	Divadeenam	BNL	APR79
<sup>32</sup> S	1316	Neutron+gamma production	Howerton	LLL	OCT77
<sup>32</sup> S	6439	(n,p)+covariance	Divadeenam	BNL	APR79
<sup>32</sup> S	7162	(n,p)	Howerton	LLL	OCT77
Cl	1149	Neutron+gamma production	M.S.Allen and M.K.Drake	GGA	FEB67
<sup>40</sup> Ar	7180	(n,gam) (RP)	Mann	HEDL	JAN79
<sup>41</sup> Ar	7181	Decay data only	Reich	INEL	APR78
K	1150	Neutron+gamma production	M.K.Drake	GGA	FEB67
<sup>41</sup> K	7191	(n,p)	Mann	HEDL	JAN79
Ca	1320	Neutron+gamma production	C.Y.Fu and F.G.Perey	ORNL	OCT80
<sup>45</sup> Ca	7205	Decay data only	Reich	INEL	APR78
<sup>47</sup> Ca	7207	Decay data only	Reich	INEL	APR78
<sup>44</sup> Sc <sup>m</sup>	7213	Decay data only	Reich	INEL	APR78
<sup>44</sup> Sc	7214	Decay data only	Reich	INEL	APR78
<sup>45</sup> Sc	6426	(n,gam)(RP)+cov.	Magurno and Mughabghab	BNL	JUL79
<sup>45</sup> Sc	7215	(n,2n;gam) (RP)	Magurno,Mughabghab, & Schwerer	BNL	JUL79
<sup>46</sup> Sc	7216	Decay data only	Reich	INEL	APR78
<sup>47</sup> Sc	7217	Decay data only	Reich	INEL	APR78
<sup>48</sup> Sc	7218	Decay data only	Reich	INEL	APR78
Ti	1322	Neutron+gamma production	C.Philis,A.Smith,R.Howerton	BUR,ANL,LLL	AUG77
Ti	5322	(n,H-1;He-4)	C.Philis,A.Smith,R.Howerton	BUR,ANL,LLL	AUG77
<sup>46</sup> Ti	6427	(n,p)+covariance	C.Philis,O.Bersillon,D.Smith,etc.	ANL	JAN77
<sup>46</sup> Ti	7226	(n,p)	C.Philis,O.Bersillon,D.Smith,etc.	ANL	JAN77
<sup>47</sup> Ti	6428	(n,np;p)+covariance	C.Philis,O.Bersillon,D.Smith,etc.	ANL	JAN77
<sup>47</sup> Ti	7227	(n,np;p)	C.Philis,O.Bersillon,D.Smith,etc.	ANL	JAN77
<sup>48</sup> Ti	6429	(n,np;p)+covariance	C.Philis,O.Bersillon,D.Smith,etc.	ANL	JAN77
<sup>48</sup> Ti	7228	(n,np;p;a)	C.Philis,Arthur,Fu+	ANL,LASL+	JAN77
<sup>50</sup> Ti	7220	(n,a)	E.Arthur	LASL	MAY79
V	1323	Neutron+gamma production	A.Smith+,H.Howerton,F.Mann.	ANL,LLL,HEDL	JAN77
V	5323	(n,H-1;He-4)	A.Smith+,H.Howerton,F.Mann.	ANL,LLL,HEDL	JAN77
Cr	1324	Neut.(RP)+gamma+covariance	A.Prince and T.W.Burrows	BNL	DEC77
Cr	5324	Neutron cross sections only	A.Prince and T.W.Burrows	BNL	DEC77
<sup>49</sup> Cr	7249	Decay data only	Reich	INEL	APR78
<sup>50</sup> Cr	7240	(n,2n;gam) (RP)	A.Prince	BNL	AUG79
<sup>51</sup> Cr	7241	Decay data only	Reich	INEL	APR78
<sup>52</sup> Cr	7242	(n,2n)	A.Prince	BNL	AUG79
<sup>54</sup> Mn	7254	Decay data only	Reich	INEL	APR78
<sup>55</sup> Mn	1325	Neut.(RP)+gamma+covariance	S.F. Mughabghab	BNL	OCT80
<sup>55</sup> Mn	5325	(n,H-1;He-4)	S.F. Mughabghab	BNL	OCT80
<sup>55</sup> Mn	6325	(n,2n)+covariance	S.F. Mughabghab	BNL	MAR77
<sup>55</sup> Mn	7255	(n,2n;gam) (RP)	S.F. Mughabghab	BNL	MAR77
<sup>56</sup> Mn	7256	Decay data only	Reich	INEL	APR78
Fe	1326	Neut.(RP)+gamma+covariance	C.Y.Fu and F.G.Perey	ORNL	OCT80
Fe	5326	(n,H-1;He-4)	C. Y. Fu	ORNL	NOV79
<sup>54</sup> Fe	6430	(n,p)+covariance	R.Schenter F.Schmittroth F.Mann	HEDL	JUN79
<sup>54</sup> Fe	7264	(n,gam;p;a) (RP)	Schenter et al. and Fu	HEDL,ORNL	JUN79
<sup>55</sup> Fe	7265	Decay data only	Reich	INEL	APR78
<sup>56</sup> Fe	6431	(n,p)+covariance	C.Y.Fu	ORNL	JUL78
<sup>56</sup> Fe	7266	(n,2n;p)	C.Y.Fu	ORNL	JUL78

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Material	MAT	Contents	Author	Laboratory	Date
<sup>58</sup> Fe	6432	(n,gam)(RP)+cov.	R.Schenter F.Schmittroth F.Mann	HEDL	JUN79
<sup>58</sup> Fe	7268	(n,gam) (RP)	R.Schenter F.Schmittroth F.Mann	HEDL	JUN79
<sup>59</sup> Fe	7269	Decay data only	Reich	INEL	APR78
<sup>57</sup> Co	7277	Decay data only	Reich	INEL	APR78
<sup>58</sup> Co	7278	Decay data only	Reich	INEL	APR78
<sup>59</sup> Co	1327	Neut.(RP)+gamma+covariance	S.Mughabghab	BNL	OCT80
<sup>59</sup> Co	5327	(n,H-1;He-4)	S.Mughabghab	BNL	JUN77
<sup>59</sup> Co	6327	(n,2n;gam;a)(RP)+cov.	S.Mughabghab	BNL	JUN77
<sup>59</sup> Co	7279	(n,2n;gam;p) (RP)	S.Mughabghab	BNL	JUN77
<sup>60</sup> Co	7270	Decay data only	Reich	INEL	APR78
<sup>72</sup> Co	9001	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>73</sup> Co	9002	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>74</sup> Co	9003	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>75</sup> Co	9004	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
Ni	1328	Neut.(RP)+gamma+covariance	M.Divadeenam	BNL(NNDC)	OCT80
Ni	5328	(n,H-1;H-2;He-4)	M.Divadeenam	BNL(NNDC)	MAR77
<sup>57</sup> Ni	7287	Decay data only	Reich	INEL	APR78
<sup>58</sup> Ni	6433	(n,2n;p)+covariance	M.Divadeenam	BNL	MAR77
<sup>58</sup> Ni	7288	Neutron cross sections only	Divadeenam	BNL	MAY78
<sup>59</sup> Ni	7289	Decay data only	Reich	INEL	APR78
<sup>60</sup> Ni	6434	(n,p)+covariance	M.Divadeenam	BNL	MAR77
<sup>60</sup> Ni	7280	(n,2n;p)	Divadeenam	BNL	MAY78
<sup>62</sup> Ni	7282	(n,gam;a)	Divadeenam	BNL	MAY78
<sup>63</sup> Ni	7283	Decay data only	Reich	INEL	APR78
<sup>72</sup> Ni	9005	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>73</sup> Ni	9006	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>74</sup> Ni	9007	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>75</sup> Ni	9008	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>76</sup> Ni	9009	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>77</sup> Ni	9010	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>78</sup> Ni	9011	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
Cu	1329	Neutron(RP)+gamma production	Fu,Drake,Fricke	ORNL,SAI	MAR78
Cu	5329	(n,H-1;He-4)	C. Y. Fu	ORNL	NOV79
<sup>63</sup> Cu	6435	(n,gam;a)(RP)+cov.	C.Y.Fu	ORNL	JUL78
<sup>63</sup> Cu	7293	(n,gam;p;a) (RP)	C.Y.Fu	ORNL	JUL78
<sup>64</sup> Cu	7294	Decay data only	Reich	INEL	APR78
<sup>65</sup> Cu	6436	(n,2n)+covariance	C.Y.Fu	ORNL	JUL78
<sup>65</sup> Cu	7295	(n,2n)	C.Y.Fu	ORNL	JUL78
<sup>72</sup> Cu	9012	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>73</sup> Cu	9013	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>74</sup> Cu	9014	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>75</sup> Cu	9015	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>76</sup> Cu	9016	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>77</sup> Cu	9017	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>78</sup> Cu	9018	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>79</sup> Cu	9019	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>80</sup> Cu	9020	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>81</sup> Cu	9021	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>72</sup> Zn	9022	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>73</sup> Zn	9023	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>74</sup> Zn	9024	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>75</sup> Zn	9025	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>76</sup> Zn	9026	Decay data only	C. Reich	INEL	DEC79

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Material	KAT	Contents	Author	Laboratory	Date
<sup>77</sup> Zn	9027	Decay data only	C. Reich	INEL	DEC79
<sup>78</sup> Zn	9028	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>79</sup> Zn	9029	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>80</sup> Zn	9030	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>81</sup> Zn	9031	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>82</sup> Zn	9032	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>83</sup> Zn	9033	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
Ga	1358	Neutron+gamma production	Howerton,Young	LLL, LASL	MAY80
<sup>72</sup> Ga	9034	Decay data only	C. Reich	INEL	DEC79
<sup>72</sup> Ga <sup>m</sup>	9035	Decay data only	F.M.Mann	HEDL	FEB80
<sup>73</sup> Ga	9036	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>74</sup> Ga	9037	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>74</sup> Ga <sup>m</sup>	9038	Decay data only	F.M. Mann	HEDL	FEB80
<sup>75</sup> Ga	9039	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>76</sup> Ga	9040	Decay data only	C. Reich	INEL	DEC79
<sup>77</sup> Ga	9041	Decay data only	C. Reich	INEL	DEC79
<sup>78</sup> Ga	9042	Decay data only	C. Reich	INEL	DEC79
<sup>79</sup> Ga	9043	Decay data only	C. Reich	INEL	DEC79
<sup>80</sup> Ga	9044	Decay data only	C. Reich	INEL	DEC79
<sup>81</sup> Ga	9045	Decay data only	C. Reich	INEL	DEC79
<sup>82</sup> Ga	9046	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>83</sup> Ga	9047	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>84</sup> Ga	9048	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>85</sup> Ga	9049	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>72</sup> Ge	9050	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>73</sup> Ge	9051	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>73</sup> Ge <sup>m</sup>	9052	Decay data only	F.M. Mann	HEDL	FEB80
<sup>74</sup> Ge	9053	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>75</sup> Ge	9054	Decay data only	F.M. Mann	HEDL	FEB80
<sup>75</sup> Ge <sup>m</sup>	9055	Decay data only	C. Reich	INEL	DEC79
<sup>76</sup> Ge	9056	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>77</sup> Ge	9057	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>77</sup> Ge <sup>m</sup>	9058	Decay data only	F.M. Mann	HEDL	FEB80
<sup>78</sup> Ge	9059	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>79</sup> Ge	9060	Decay data only	C. Reich	INEL	DEC79
<sup>79</sup> Ge <sup>m</sup>	9061	Decay data only	C. Reich	INEL	DEC79
<sup>80</sup> Ge	9062	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>81</sup> Ge	9063	Decay data only	C. Reich	INEL	DEC79
<sup>82</sup> Ge	9064	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>83</sup> Ge	9065	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>84</sup> Ge	9066	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>85</sup> Ge	9067	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>86</sup> Ge	9068	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>87</sup> Ge	9069	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>88</sup> Ge	9070	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>75</sup> As	9071	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>76</sup> As	9072	Decay data only	C. Reich	INEL	DEC79
<sup>77</sup> As	9073	Decay data only	C. Reich	INEL	DEC79
<sup>78</sup> As	9074	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>79</sup> As	9075	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>80</sup> As	9076	Decay data only	C. Reich	INEL	DEC79
<sup>81</sup> As	9077	Decay data only	C. Reich	INEL	DEC79
<sup>82</sup> As	9078	Decay data only	C. Reich	INEL	DEC79

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<sup>82</sup> As <sup>m</sup>	9079	Decay data only	C. Reich	INEL	DEC79
<sup>83</sup> As	9080	Decay data only	C. Reich	INEL	DEC79
<sup>84</sup> As	9081	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>84</sup> As <sup>m</sup>	9082	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>85</sup> As	9083	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>86</sup> As	9084	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>87</sup> As	9085	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>88</sup> As	9086	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>89</sup> As	9087	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>90</sup> As	9088	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>74</sup> Se	9089	Neutron cross sections only (RP)	F.M.Mann	HEDL	FEB80
<sup>75</sup> Se	9090	Decay data only	F.M. Mann	HEDL	FEB80
<sup>76</sup> Se	9091	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>77</sup> Se	9092	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>77</sup> Se <sup>m</sup>	9093	Decay data only	C. Reich	INEL	DEC79
<sup>78</sup> Se	9094	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>78</sup> Se	9095	Decay data only	F.M. Mann	HEDL	FEB80
<sup>79</sup> Se <sup>m</sup>	9096	Decay data only	C. Reich	INEL	DEC79
<sup>80</sup> Se	9097	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>81</sup> Se	9098	Decay data only	F.M. Mann	HEDL	FEB80
<sup>81</sup> Se <sup>m</sup>	9099	Decay data only	F.M. Mann	HEDL	FEB80
<sup>82</sup> Se	9100	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>83</sup> Se	9101	Decay data only	C. Reich	INEL	DEC79
<sup>83</sup> Se <sup>m</sup>	9102	Decay data only	C. Reich	INEL	DEC79
<sup>84</sup> Se	9103	Decay data only	C. Reich	INEL	DEC79
<sup>85</sup> Se	9104	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>86</sup> Se	9105	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>87</sup> Se	9106	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>88</sup> Se	9107	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>89</sup> Se	9108	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>90</sup> Se	9109	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>91</sup> Se	9110	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>92</sup> Se	9111	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>93</sup> Se	9112	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>79</sup> Br	9113	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>79</sup> Br <sup>m</sup>	9114	Decay data only	F.M. Mann	HEDL	FEB80
<sup>80</sup> Br	9115	Decay data only	F.M. Mann	HEDL	FEB80
<sup>80</sup> Br <sup>m</sup>	9116	Decay data only	F.M. Mann	HEDL	FEB80
<sup>81</sup> Br	9117	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>82</sup> Br	9118	Decay data only	C. Reich	INEL	DEC79
<sup>82</sup> Br <sup>m</sup>	9119	Decay data only	C. Reich	INEL	DEC79
<sup>83</sup> Br	9120	Decay data only	C. Reich	INEL	DEC79
<sup>84</sup> Br	9121	Decay data only	C. Reich	INEL	DEC79
<sup>84</sup> Br <sup>m</sup>	9122	Decay data only	C. Reich	INEL	DEC79
<sup>85</sup> Br	9123	Decay data only	C. Reich	INEL	DEC79
<sup>86</sup> Br	9124	Decay data only	C. Reich	INEL	DEC79
<sup>87</sup> Br	9125	Decay data only	C. Reich	INEL	DEC79
<sup>88</sup> Br	9126	Decay data only	C. Reich	INEL	DEC79
<sup>88</sup> Br	9127	Decay data only	C. Reich	INEL	DEC79
<sup>90</sup> Br	9128	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>91</sup> Br	9129	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>92</sup> Br	9130	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>93</sup> Br	9131	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80



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<sup>94</sup> Br	9132	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>95</sup> Br	9133	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>96</sup> Br	9134	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>78</sup> Kr	1330	Neutron cross sections only (RP)	A.Prince	BNL	DEC78
<sup>78</sup> Kr	9135	NDG	General Purpose MAT=1330		
<sup>79</sup> Kr	9136	Decay data only	F.M. Mann	HEDL	FEB80
<sup>79</sup> Kr <sup>m</sup>	9137	Decay data only	F.M. Mann	HEDL	FEB80
<sup>80</sup> Kr	1331	Neutron cross sections only (RP)	A.Prince	BNL	DEC78
<sup>80</sup> Kr	9138	NDG	General Purpose MAT=1331		
<sup>81</sup> Kr	9139	Decay data only	C. Reich	INEL	DEC79
<sup>81</sup> Kr <sup>m</sup>	9140	Decay data only	F.M. Mann	HEDL	FEB80
<sup>82</sup> Kr	1332	Neutron cross sections only (RP)	A.Prince	BNL	DEC78
<sup>82</sup> Kr	9141	NDG	General Purpose MAT=1332		
<sup>83</sup> Kr	1333	Neutron cross sections only (RP)	A.Prince	BNL	DEC78
<sup>83</sup> Kr	9142	NDG	General Purpose MAT=1333		
<sup>83</sup> Kr <sup>m</sup>	9143	Decay data only	C. Reich	INEL	DEC79
<sup>84</sup> Kr	1334	Neutron cross sections only (RP)	A.Prince	BNL	APR78
<sup>84</sup> Kr	9144	NDG	General Purpose MAT=1334		
<sup>85</sup> Kr	9145	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC79
<sup>85</sup> Kr <sup>m</sup>	9146	Decay data only	C. Reich	INEL	DEC79
<sup>86</sup> Kr	1336	Neutron cross sections only (RP)	A.Prince	BNL	JUN75
<sup>86</sup> Kr	9147	NDG	General Purpose MAT=1336		
<sup>87</sup> Kr	9148	Decay data only	C. Reich	INEL	DEC79
<sup>88</sup> Kr	9149	Decay data only	C. Reich	INEL	DEC79
<sup>89</sup> Kr	9150	Decay data only	C. Reich	INEL	DEC79
<sup>90</sup> Kr	9151	Decay data only	C. Reich	INEL	DEC79
<sup>91</sup> Kr	9152	Decay data only	C. Reich	INEL	DEC79
<sup>92</sup> Kr	9153	Decay data only	C. Reich	INEL	DEC79
<sup>93</sup> Kr	9154	Decay data only	C. Reich	INEL	DEC79
<sup>94</sup> Kr	9155	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>95</sup> Kr	9156	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>96</sup> Kr	9157	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>97</sup> Kr	9158	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>98</sup> Kr	9159	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>85</sup> Rb	9160	Neutron cross sections only (RP)	Schenter,Schmittroth ,& Prince	HEDL, BNL+	FEB80
<sup>86</sup> Rb	9161	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC79
<sup>86</sup> Rb <sup>m</sup>	9162	Decay data only	C. Reich	INEL	DEC79
<sup>87</sup> Rb	9163	Neut.(RP)+decay data	Schenter +, Reich, and Prince	HEDL, INEL, +	FEB80
<sup>88</sup> Rb	9164	Decay data only	C. Reich	INEL	DEC79
<sup>89</sup> Rb	9165	Decay data only	C. Reich	INEL	DEC79
<sup>90</sup> Rb	9166	Decay data only	C. Reich	INEL	DEC79
<sup>90</sup> Rb <sup>m</sup>	9167	Decay data only	C. Reich	INEL	DEC79
<sup>91</sup> Rb	9168	Decay data only	C. Reich	INEL	DEC79
<sup>92</sup> Rb	9169	Decay data only	C. Reich	INEL	DEC79
<sup>93</sup> Rb	9170	Decay data only	C. Reich	INEL	DEC79
<sup>94</sup> Rb	9171	Decay data only	C. Reich	INEL	DEC79
<sup>95</sup> Rb	9172	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>96</sup> Rb	9173	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>97</sup> Rb	9174	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>98</sup> Rb	9175	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>99</sup> Rb	9176	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>100</sup> Rb	9177	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>101</sup> Rb	9178	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80

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<sup>84</sup> Sr	9179	Neutron cross sections only (RP)	F.M.Mann	HEDL	FEB80
<sup>85</sup> Sr	9180	Decay data only	F.M. Mann	HEDL	FEB80
<sup>85</sup> Sr <sup>m</sup>	9181	Decay data only	F.M. Mann	HEDL	FEB80
<sup>86</sup> Sr	9182	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>87</sup> Sr	9183	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>87</sup> Sr <sup>m</sup>	9184	Decay data only	C. Reich	INEL	DEC79
<sup>88</sup> Sr	9185	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>89</sup> Sr	9186	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL,INEL	DEC79
<sup>90</sup> Sr	9187	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL,INEL	DEC79
<sup>91</sup> Sr	9188	Decay data only	C. Reich	INEL	DEC79
<sup>92</sup> Sr	9189	Decay data only	C. Reich	INEL	DEC79
<sup>93</sup> Sr	9190	Decay data only	C. Reich	INEL	DEC79
<sup>94</sup> Sr	9191	Decay data only	C. Reich	INEL	DEC79
<sup>95</sup> Sr	9192	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>96</sup> Sr	9193	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>97</sup> Sr	9194	Decay data only	C. Reich	INEL	DEC79
<sup>98</sup> Sr	9195	Decay data only	C. Reich	INEL	DEC79
<sup>99</sup> Sr	9196	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>100</sup> Sr	9197	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>101</sup> Sr	9198	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>102</sup> Sr	9199	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>103</sup> Sr	9200	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>104</sup> Sr	9201	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>89</sup> Y	9202	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>89</sup> Y <sup>m</sup>	9203	Decay data only	F.M. Mann	HEDL	FEB80
<sup>90</sup> Y	9204	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL,INEL	DEC79
<sup>90</sup> Y <sup>m</sup>	9205	Decay data only	C. Reich	INEL	DEC79
<sup>91</sup> Y	9206	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL,INEL	DEC79
<sup>91</sup> Y <sup>m</sup>	9207	Decay data only	C. Reich	INEL	DEC79
<sup>92</sup> Y	9208	Decay data only	C. Reich	INEL	DEC79
<sup>93</sup> Y	9209	Decay data only	C. Reich	INEL	DEC79
<sup>93</sup> Y <sup>m</sup>	9210	Decay data only	C. Reich	INEL	DEC79
<sup>94</sup> Y	9211	Decay data only	C. Reich	INEL	DEC79
<sup>95</sup> Y	9212	Decay data only	C. Reich	INEL	DEC79
<sup>96</sup> Y	9213	Decay data only	C. Reich	INEL	DEC79
<sup>96</sup> Y <sup>m</sup>	9214	Decay data only	C. Reich	INEL	DEC79
<sup>97</sup> Y	9215	Decay data only	C. Reich	INEL	DEC79
<sup>97</sup> Y <sup>m</sup>	9216	Decay data only	C. Reich	INEL	DEC79
<sup>98</sup> Y	9217	Decay data only	C. Reich	INEL	DEC79
<sup>98</sup> Y <sup>m</sup>	9218	Decay data only	C. Reich	INEL	DEC79
<sup>99</sup> Y	9219	Decay data only	C. Reich	INEL	DEC79
<sup>100</sup> Y	9220	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>101</sup> Y	9221	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>102</sup> Y	9222	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>103</sup> Y	9223	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>104</sup> Y	9224	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>105</sup> Y	9225	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>106</sup> Y	9226	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>107</sup> Y	9227	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
Zr	1340	Neutron cross sections only (RP)	M.Drake D.Sargis T.Maung	SAI	APR76
<sup>99</sup> Zr <sup>m</sup>	7408	Decay data only	Reich	INEL	APR78
<sup>89</sup> Zr	7409	Decay data only	Reich	INEL	APR78
<sup>90</sup> Zr	1385	Neutron cross sections only (RP)	M.Drake D.Sargis T.Maung	SAI	APR76

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<sup>90</sup> Zr	7400	(n,2n)	M.Drake D.Sargis T.Maung	SAI	APR76
<sup>90</sup> Zr	9228	NDG	General Purpose MAT=1385		
<sup>90</sup> Zr <sup>m</sup>	9229	Decay data only	C. Reich	INEL	DEC79
<sup>91</sup> Zr	1386	Neutron cross sections only (RP)	M.Drake D.Sargis T.Maung	SAI	APR76
<sup>91</sup> Zr	9230	NDG	General Purpose MAT=1386		
<sup>92</sup> Zr	1387	Neutron cross sections only (RP)	M.Drake D.Sargis T.Maung	SAI	APR76
<sup>92</sup> Zr	7402	(n,gam) (RP)	M.Drake D.Sargis T.Maung	SAI	APR76
<sup>92</sup> Zr	9231	NDG	General Purpose MAT=1387		
<sup>93</sup> Zr	7403	Decay data only	Reich	INEL	APR78
<sup>93</sup> Zr	9232	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC79
<sup>94</sup> Zr	1388	Neutron cross sections only (RP)	M.Drake D.Sargis T.Maung	SAI	APR76
<sup>94</sup> Zr	7404	(n,gam) (RP)	M.Drake D.Sargis T.Maung	SAI	APR76
<sup>94</sup> Zr	9233	NDG	General Purpose MAT=1388		
<sup>95</sup> Zr	7405	Decay data only	Reich	INEL	APR78
<sup>95</sup> Zr	9234	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC79
<sup>96</sup> Zr	1389	Neutron cross sections only (RP)	M.Drake D.Sargis T.Maung	SAI	APR76
<sup>96</sup> Zr	9235	NDG	General Purpose MAT=1389		
<sup>97</sup> Zr	9236	Decay data only	C. Reich	INEL	DEC79
<sup>98</sup> Zr	9237	Decay data only	C. Reich	INEL	DEC79
<sup>99</sup> Zr	9238	Decay data only	C. Reich	INEL	DEC79
<sup>100</sup> Zr	9239	Decay data only	T.W. Burrows	BNL	AUG79
<sup>101</sup> Zr	9240	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>102</sup> Zr	9241	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>103</sup> Zr	9242	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>104</sup> Zr	9243	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>105</sup> Zr	9244	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>106</sup> Zr	9245	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>107</sup> Zr	9246	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>108</sup> Zr	9247	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>109</sup> Zr	9248	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>92</sup> Nb <sup>m</sup>	7411	Decay data only	Reich	INEL	APR78
<sup>92</sup> Nb	7412	Decay data only	Reich	INEL	APR78
<sup>93</sup> Nb	1189	Neutron(RP)+gamma production	R.Howerton(LLL) and A.Smith	ANL, LLL	MAY74
<sup>93</sup> Nb <sup>m</sup>	7410	Decay data only	Reich	INEL	APR78
<sup>93</sup> Nb	7413	(n,inel;2n;gam) (RP)	R.Howerton(LLL) and A.Smith	ANL, LLL	MAY74
<sup>93</sup> Nb	9249	NDG	General Purpose MAT=1189		
<sup>93</sup> Nb <sup>m</sup>	9250	Decay data only	C. Reich	INEL	DEC79
<sup>94</sup> Nb	7414	Decay data only	Reich	INEL	APR78
<sup>94</sup> Nb	9251	Neut.(RP)+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC79
<sup>94</sup> Nb <sup>m</sup>	9252	Decay data only	C. Reich	INEL	DEC79
<sup>95</sup> Nb	9253	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC79
<sup>95</sup> Nb <sup>m</sup>	9254	Decay data only	C. Reich	INEL	DEC79
<sup>96</sup> Nb	9255	Decay data only	C. Reich	INEL	DEC79
<sup>97</sup> Nb	9256	Decay data only	C. Reich	INEL	DEC79
<sup>97</sup> Nb <sup>m</sup>	9257	Decay data only	C. Reich	INEL	DEC79
<sup>98</sup> Nb	9258	Decay data only	C. Reich	INEL	DEC79
<sup>98</sup> Nb <sup>m</sup>	9259	Decay data only	C. Reich	INEL	DEC79
<sup>99</sup> Nb	9260	Decay data only	T.W. Burrows	BNL	AUG79
<sup>99</sup> Nb <sup>m</sup>	9261	Decay data only	T.W. Burrows	BNL	AUG79
<sup>100</sup> Nb	9262	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>100</sup> Nb <sup>m</sup>	9263	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>101</sup> Nb	9264	Decay data only	C. Reich	INEL	DEC79
<sup>102</sup> Nb	9265	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80

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<sup>102</sup> Nb <sup>m</sup>	9266	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>103</sup> Nb	9267	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>104</sup> Nb	9268	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>104</sup> Nb <sup>m</sup>	9269	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>105</sup> Nb	9270	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>106</sup> Nb	9271	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>107</sup> Nb	9272	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>108</sup> Nb	9273	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>109</sup> Nb	9274	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>110</sup> Nb	9275	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>111</sup> Nb	9276	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>112</sup> Nb	9277	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
Mo	1321	Neutron(RP)+gamma production	Howerton,Schmittroth,Schenter	LLL,HEDL	FEB79
<sup>92</sup> Mo	7422	(n,gam) (RP)	Schenter,Schmittroth, et al.	HEDL	FEB80
<sup>92</sup> Mo	9278	Neutron cross sections only (RP)	F.M.Mann	HEDL	FEB80
<sup>93</sup> Mo	7423	Decay data only	Reich	INEL	APR79
<sup>93</sup> Mo	9279	Decay data only	F.M. Mann	HEDL	FEB80
<sup>93</sup> Mo <sup>m</sup>	9280	Decay data only	F.M. Mann	HEDL	FEB80
<sup>94</sup> Mo	9281	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL,RCN	FEB80
<sup>95</sup> Mo	9282	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL,RCN	FEB80
<sup>96</sup> Mo	9283	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL,RCN	FEB80
<sup>97</sup> Mo	9284	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL,RCN	FEB80
<sup>98</sup> Mo	7428	(n,gam) (RP)	Schenter,Schmittroth, et al.	HEDL	FEB80
<sup>98</sup> Mo	9285	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL,RCN	FEB80
<sup>99</sup> Mo	7429	Decay data only	Reich	INEL	APR78
<sup>99</sup> Mo	9286	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL,INEL	DEC79
<sup>100</sup> Mo	7420	(n,gam) (RP)	Schenter,Schmittroth, et al.	HEDL	FEB80
<sup>100</sup> Mo	9287	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL,RCN	FEB80
<sup>101</sup> Mo	7421	Decay data only	Reich	INEL	APR78
<sup>101</sup> Mo	9288	Decay data only	C. Reich	INEL	DEC79
<sup>102</sup> Mo	9289	Decay data only	C. Reich	INEL	DEC79
<sup>103</sup> Mo	9290	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>104</sup> Mo	9291	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>105</sup> Mo	9292	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>106</sup> Mo	9293	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>107</sup> Mo	9294	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>108</sup> Mo	9295	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>109</sup> Mo	9296	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>110</sup> Mo	9297	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>111</sup> Mo	9298	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>112</sup> Mo	9299	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>113</sup> Mo	9300	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>114</sup> Mo	9301	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>115</sup> Mo	9302	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>99</sup> Tc	1308	Neut.(RP)+decay data	Schenter,Livolsi,Schmittroth,+ General Purpose MAT=1308	HEDL,BAW	OCT80
<sup>99</sup> Tc	9303	Decay data only	C. Reich	INEL	DEC79
<sup>100</sup> Tc	9305	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>101</sup> Tc	9306	Decay data only	C. Reich	INEL	DEC79
<sup>102</sup> Tc	9307	Decay data only	C. Reich	INEL	DEC79
<sup>102</sup> Tc <sup>m</sup>	9308	Decay data only	C. Reich	INEL	DEC79
<sup>103</sup> Tc	9309	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>104</sup> Tc	9310	Decay data only	C. Reich	INEL	DEC79

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<sup>105</sup> Tc	9311	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>106</sup> Tc	9312	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>107</sup> Tc	9313	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>108</sup> Tc	9314	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>109</sup> Tc	9315	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>110</sup> Tc	9316	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>111</sup> Tc	9317	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>112</sup> Tc	9318	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>113</sup> Tc	9319	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>114</sup> Tc	9320	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>115</sup> Tc	9321	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>116</sup> Tc	9322	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>117</sup> Tc	9323	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>118</sup> Tc	9324	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>96</sup> Ru	9325	Neutron cross sections only	F.M.Mann	HEDL	FEB80
<sup>97</sup> Ru	9326	Decay data only	F.M. Mann	HEDL	FEB80
<sup>98</sup> Ru	9327	Neutron cross sections only	F.M.Mann	HEDL	FEB80
<sup>99</sup> Ru	9328	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>100</sup> Ru	9329	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL,RCN	FEB80
<sup>101</sup> Ru	9330	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL,RCN	FEB80
<sup>102</sup> Ru	9331	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL,RCN	FEB80
<sup>103</sup> Ru	9332	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL,INEL	DEC79
<sup>104</sup> Ru	9333	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL,RCN	FEB80
<sup>105</sup> Ru	9334	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL,INEL	DEC79
<sup>106</sup> Ru	9335	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL,INEL	DEC79
<sup>107</sup> Ru	9336	Decay data only	C. Reich	INEL	DEC79
<sup>108</sup> Ru	9337	Decay data only	C. Reich	INEL	DEC79
<sup>109</sup> Ru	9338	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>109</sup> Ru <sup>m</sup>	9339	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>110</sup> Ru	9340	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>111</sup> Ru	9341	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>112</sup> Ru	9342	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>113</sup> Ru	9343	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>114</sup> Ru	9344	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>115</sup> Ru	9345	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>116</sup> Ru	9346	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>117</sup> Ru	9347	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>118</sup> Ru	9348	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>119</sup> Ru	9349	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>120</sup> Ru	9350	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>103</sup> Rh	1310	Neutron cross sections only (RP)	Schenter,Livolsi,Schmittroth,+ General Purpose MAT=1310	HEDL,BAW	NOV78
<sup>103</sup> Rh	9351	NDG			
<sup>103</sup> Rh <sup>m</sup>	9352	Decay data only	C. Reich	INEL	DEC79
<sup>104</sup> Rh	9353	Decay data only	C. Reich	INEL	DEC79
<sup>104</sup> Rh <sup>m</sup>	9354	Decay data only	C. Reich	INEL	DEC79
<sup>105</sup> Rh	9355	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL,INEL	DEC79
<sup>105</sup> Rh <sup>m</sup>	9356	Decay data only	C. Reich	INEL	DEC79
<sup>106</sup> Rh	9357	Decay data only	C. Reich	INEL	DEC79
<sup>106</sup> Rh <sup>m</sup>	9358	Decay data only	C. Reich	INEL	DEC79
<sup>107</sup> Rh	9359	Decay data only	C. Reich	INEL	DEC79
<sup>108</sup> Rh	9360	Decay data only	C. Reich	INEL	DEC79
<sup>108</sup> Rh <sup>m</sup>	9361	Decay data only	C. Reich	INEL	DEC79
<sup>109</sup> Rh	9362	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80

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<sup>109</sup> Rh <sup>m</sup> 9363	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>110</sup> Rh 9364	Decay data only	C. Reich	INEL	DEC79
<sup>110</sup> Rh <sup>m</sup> 9365	Decay data only	C. Reich	INEL	DEC79
<sup>111</sup> Rh 9366	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>112</sup> Rh 9367	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>113</sup> Rh 9368	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>114</sup> Rh 9369	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>115</sup> Rh 9370	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>116</sup> Rh 9371	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>117</sup> Rh 9372	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>118</sup> Rh 9373	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>119</sup> Rh 9374	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>120</sup> Rh 9375	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>121</sup> Rh 9376	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>122</sup> Rh 9377	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>123</sup> Rh 9378	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>102</sup> Pd 9379	Neutron cross sections only	F.M.Mann	HEDL	FEB80
<sup>103</sup> Pd 9380	Decay data only	F.M. Mann	HEDL	FEB80
<sup>104</sup> Pd 9381	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL,RCN	FEB80
<sup>105</sup> Pd 9382	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL,RCN	FEB80
<sup>106</sup> Pd 9383	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL,RCN	FEB80
<sup>107</sup> Pd 9384	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL,INEL+	FEB80
<sup>107</sup> Pd <sup>m</sup> 9385	Decay data only	F.M. Mann	HEDL	FEB80
<sup>108</sup> Pd 9386	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL,RCN	FEB80
<sup>109</sup> Pd 9387	Decay data only	C. Reich	INEL	DEC79
<sup>109</sup> Pd <sup>m</sup> 9388	Decay data only	C. Reich	INEL	DEC79
<sup>110</sup> Pd 9389	Neutron cross sections only	R.E.Schenter and F.Schmittroth	HEDL,RCN	FEB80
<sup>111</sup> Pd 9390	Decay data only	C. Reich	INEL	DEC79
<sup>111</sup> Pd <sup>m</sup> 9391	Decay data only	C. Reich	INEL	DEC79
<sup>112</sup> Pd 9392	Decay data only	C. Reich	INEL	DEC79
<sup>113</sup> Pd 9393	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>114</sup> Pd 9394	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>115</sup> Pd 9395	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>116</sup> Pd 9396	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>117</sup> Pd 9397	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>118</sup> Pd 9398	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>119</sup> Pd 9399	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>120</sup> Pd 9400	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>121</sup> Pd 9401	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>122</sup> Pd 9402	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>123</sup> Pd 9403	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>124</sup> Pd 9404	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>125</sup> Pd 9405	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>126</sup> Pd 9406	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>107</sup> Ag 1371	Neutron cross sections only (RP)	Schenter,Bhat,Prince,Johnson,+ General Purpose MAT=1371	HEDL,BNL	NOV78
<sup>107</sup> Ag 9407	NDG			
<sup>107</sup> Ag <sup>m</sup> 9408	Decay data only	F.M. Mann	HEDL	FEB80
<sup>108</sup> Ag 9409	Decay data only	C. Reich	INEL	DEC79
<sup>108</sup> Ag <sup>m</sup> 9410	Decay data only	C. Reich	INEL	DEC79
<sup>109</sup> Ag 1373	Neutron cross sections only (RP)	Schenter,Bhat,Prince,Johnson,+	HEDL,BNL	NOV78
<sup>109</sup> Ag 7479	(n,gam) (RP)	Schenter,Bhat,Prince,Johnson,+	HEDL,BNL	NOV78
<sup>109</sup> Ag 9411	NDG	General Purpose MAT=1373		
<sup>109</sup> Ag <sup>m</sup> 9412	Decay data only	C. Reich	INEL	DEC79

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<sup>110</sup> Ag	7470	Decay data only	Reich	INEL	APR78
<sup>110</sup> Ag <sup>m</sup>	7471	Decay data only	Reich	INEL	APR78
<sup>110</sup> Ag	9413	Decay data only	C. Reich	INEL	DEC79
<sup>110</sup> Ag <sup>m</sup>	9414	Decay data only	C. Reich	INEL	DEC79
<sup>111</sup> Ag	9415	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC79
<sup>111</sup> Ag <sup>m</sup>	9416	Decay data only	C. Reich	INEL	DEC79
<sup>112</sup> Ag	9417	Decay data only	C. Reich	INEL	DEC79
<sup>113</sup> Ag	9418	Decay data only	C. Reich	INEL	DEC79
<sup>113</sup> Ag <sup>m</sup>	9419	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>114</sup> Ag	9420	Decay data only	C. Reich	INEL	DEC79
<sup>115</sup> Ag	9421	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>115</sup> Ag <sup>m</sup>	9422	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>116</sup> Ag	9423	Decay data only	C. Reich	INEL	DEC79
<sup>116</sup> Ag <sup>m</sup>	9424	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>117</sup> Ag	9425	Decay data only	C. Reich	INEL	DEC79
<sup>117</sup> Ag <sup>m</sup>	9426	Decay data only	C. Reich	INEL	DEC79
<sup>118</sup> Ag	9427	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>118</sup> Ag <sup>m</sup>	9428	Decay data only	F.M. Mann	HEDL	FEB80
<sup>119</sup> Ag	9429	Decay data only	C. Reich	INEL	DEC79
<sup>120</sup> Ag	9430	Decay data only	C. Reich	INEL	DEC79
<sup>120</sup> Ag <sup>m</sup>	9431	Decay data only	F.M. Mann	HEDL	FEB80
<sup>121</sup> Ag	9432	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>122</sup> Ag	9433	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>123</sup> Ag	9434	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>124</sup> Ag	9435	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>125</sup> Ag	9436	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>126</sup> Ag	9437	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>127</sup> Ag	9438	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>128</sup> Ag	9439	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
Cd	1281	Neutron cross sections only	S.Pearlstein(TRANS FROM U.K.)	BNL	NOV74
<sup>106</sup> Cd	9440	Neutron cross sections only	F.M.Mann	HEDL	FEB80
<sup>107</sup> Cd	9441	Decay data only	F.M. Mann	HEDL	FEB80
<sup>108</sup> Cd	9442	Neutron cross sections only	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>109</sup> Cd	9443	Decay data only	C. Reich	INEL	DEC79
<sup>110</sup> Cd	9444	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>111</sup> Cd	9445	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>111</sup> Cd <sup>m</sup>	9446	Decay data only	F.M. Mann	HEDL	FEB80
<sup>112</sup> Cd	9447	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>113</sup> Cd	1318	Neut.(RP)+decay data	Pearlstein,Mann,Schenter	BNL, HEDL	NOV78
<sup>113</sup> Cd	9448	Decay data only	General Purpose MAT=1318		
<sup>113</sup> Cd <sup>m</sup>	9449	Decay data only	C. Reich	INEL	DEC79
<sup>114</sup> Cd	9450	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>115</sup> Cd	9451	Decay data only	C. Reich	INEL	DEC79
<sup>115</sup> Cd <sup>m</sup>	9452	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC79
<sup>116</sup> Cd	9453	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>117</sup> Cd	9454	Decay data only	C. Reich	INEL	DEC79
<sup>117</sup> Cd <sup>m</sup>	9455	Decay data only	C. Reich	INEL	DEC79
<sup>118</sup> Cd	9456	Decay data only	C. Reich	INEL	DEC79
<sup>119</sup> Cd	9457	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>119</sup> Cd <sup>m</sup>	9458	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>120</sup> Cd	9459	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>121</sup> Cd	9460	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>121</sup> Cd <sup>m</sup>	9461	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80

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<sup>122</sup> Cd	9462	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>123</sup> Cd	9463	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>124</sup> Cd	9464	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>125</sup> Cd	9465	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>126</sup> Cd	9466	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>127</sup> Cd	9467	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>128</sup> Cd	9468	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>129</sup> Cd	9469	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>130</sup> Cd	9470	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>131</sup> Cd	9471	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>132</sup> Cd	9472	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>113</sup> In	9473	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>113</sup> In <sup>m</sup>	9474	Decay data only	C. Reich	INEL	DEC79
<sup>114</sup> In	9475	Decay data only	F.M. Mann	HEDL	FEB80
<sup>114</sup> In <sup>m</sup>	9476	Decay data only	F.M. Mann	HEDL	FEB80
<sup>115</sup> In	6437	(n,n';gam)(RP)+cov.	F.Schmittroth/D.L.Smith	HEDL/ANL	JAN78
<sup>115</sup> In <sup>m</sup>	7494	Decay data only	Reich	INEL	APR78
<sup>115</sup> In	7495	(n,n';gam) (RP)	F.Schmittroth/D.L.Smith	HEDL/ANL	JAN78
<sup>115</sup> In	9477	Neut.(RP)+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC79
<sup>115</sup> In <sup>m</sup>	9478	Decay data only	C. Reich	INEL	DEC79
<sup>116</sup> In	7496	Decay data only	Reich	INEL	APR78
<sup>116</sup> In	9479	Decay data only	C. Reich	INEL	DEC79
<sup>116</sup> In <sup>m</sup>	9480	Decay data only	C. Reich	INEL	DEC79
<sup>116</sup> In <sup>m</sup>	9481	Decay data only	F.M.Mann	HEDL	APR80
<sup>117</sup> In	9482	Decay data only	C. Reich	INEL	DEC79
<sup>117</sup> In <sup>m</sup>	9483	Decay data only	C. Reich	INEL	DEC79
<sup>118</sup> In	9484	Decay data only	C. Reich	INEL	DEC79
<sup>118</sup> In <sup>m</sup>	9485	Decay data only	C. Reich	INEL	DEC79
<sup>118</sup> In <sup>m</sup>	9486	Decay data only	C. Reich	INEL	DEC79
<sup>119</sup> In	9487	Decay data only	C. Reich	INEL	DEC79
<sup>119</sup> In <sup>m</sup>	9488	Decay data only	C. Reich	INEL	DEC79
<sup>120</sup> In	9489	Decay data only	C. Reich	INEL	DEC79
<sup>120</sup> In <sup>m</sup>	9490	Decay data only	C. Reich	INEL	DEC79
<sup>121</sup> In	9491	Decay data only	C. Reich	INEL	DEC79
<sup>121</sup> In <sup>m</sup>	9492	Decay data only	C. Reich	INEL	DEC79
<sup>122</sup> In	9493	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>122</sup> In <sup>m</sup>	9494	Decay data only	C. Reich	INEL	DEC79
<sup>123</sup> In	9495	Decay data only	C. Reich	INEL	DEC79
<sup>23</sup> In <sup>m</sup>	9496	Decay data only	C. Reich	INEL	DEC79
<sup>124</sup> In	9497	Decay data only	C. Reich	INEL	DEC79
<sup>24</sup> In <sup>m</sup>	9498	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>125</sup> In	9499	Decay data only	C. Reich	INEL	DEC79
<sup>25</sup> In <sup>m</sup>	9500	Decay data only	C. Reich	INEL	DEC79
<sup>126</sup> In	9501	Decay data only	C. Reich	INEL	DEC79
<sup>127</sup> In	9502	Decay data only	C. Reich	INEL	DEC79
<sup>27</sup> In <sup>m</sup>	9503	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>128</sup> In	9504	Decay data only	C. Reich	INEL	DEC79
<sup>28</sup> In <sup>m</sup>	9505	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>129</sup> In	9506	Decay data only	C. Reich	INEL	DEC79
<sup>29</sup> In <sup>m</sup>	9507	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>130</sup> In	9508	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>131</sup> In	9509	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>132</sup> In	9510	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80



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<sup>133</sup> In	9511	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>134</sup> In	9512	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>112</sup> Sn	9513	Neutron cross sections only (RP)	F.M.Mann	HEDL	FEB80
<sup>113</sup> Sn	9514	Decay data only	F.M. Mann	HEDL	FEB80
<sup>13</sup> Sn <sup>m</sup>	9515	Decay data only	F.M. Mann	HEDL	FEB80
<sup>114</sup> Sn	9516	Neutron cross sections only (RP)	F.M.Mann	HEDL	FEB80
<sup>115</sup> Sn	9517	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR78
<sup>116</sup> Sn	9518	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR78
<sup>117</sup> Sn	9519	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR78
<sup>17</sup> Sn <sup>m</sup>	9520	Decay data only	C. Reich	INEL	DEC78
<sup>118</sup> Sn	9521	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR78
<sup>119</sup> Sn	9522	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR78
<sup>19</sup> Sn <sup>m</sup>	9523	Decay data only	C. Reich	INEL	DEC78
<sup>120</sup> Sn	7500	(n,gam) (RP)	R.E.Schenter and F.Schmittroth	HEDL	OCT78
<sup>120</sup> Sn	9524	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR78
<sup>121</sup> Sn	7501	Decay data only	Reich	INEL	APR78
<sup>21</sup> Sn <sup>m</sup>	7506	Decay data only	Reich	INEL	APR78
<sup>121</sup> Sn	9525	Decay data only	C. Reich	INEL	DEC78
<sup>21</sup> Sn <sup>m</sup>	9526	Decay data only	C. Reich	INEL	DEC78
<sup>122</sup> Sn	7502	(n,gam) (RP)	R.E.Schenter and F.Schmittroth	HEDL	OCT78
<sup>122</sup> Sn	9527	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR78
<sup>123</sup> Sn	7503	Decay data only	Reich	INEL	APR78
<sup>23</sup> Sn <sup>m</sup>	7507	Decay data only	Reich	INEL	APR78
<sup>123</sup> Sn	9528	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC78
<sup>23</sup> Sn <sup>m</sup>	9529	Decay data only	C. Reich	INEL	DEC78
<sup>124</sup> Sn	7504	(n,gam) (RP)	R.E.Schenter and F.Schmittroth	HEDL	OCT78
<sup>124</sup> Sn	9530	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR78
<sup>125</sup> Sn	7505	Decay data only	Reich	INEL	APR78
<sup>25</sup> Sn <sup>m</sup>	7508	Decay data only	Reich	INEL	APR78
<sup>125</sup> Sn	9531	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC78
<sup>25</sup> Sn <sup>m</sup>	9532	Decay data only	C. Reich	INEL	DEC78
<sup>126</sup> Sn	9533	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC78
<sup>127</sup> Sn	9534	Decay data only	C. Reich	INEL	DEC78
<sup>127</sup> Sn <sup>m</sup>	9535	Decay data only	C. Reich	INEL	DEC78
<sup>128</sup> Sn	9536	Decay data only	C. Reich	INEL	DEC78
<sup>129</sup> Sn	9537	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>129</sup> Sn <sup>m</sup>	9538	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>130</sup> Sn	9539	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>130</sup> Sn <sup>m</sup>	9540	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>131</sup> Sn	9541	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>131</sup> Sn <sup>m</sup>	9542	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>132</sup> Sn	9543	Decay data only	C. Reich	INEL	DEC78
<sup>133</sup> Sn	9544	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>134</sup> Sn	9545	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>135</sup> Sn	9546	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>136</sup> Sn	9547	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>121</sup> Sb	9548	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL, RCN	FEB80
<sup>122</sup> Sb	9549	Decay data only	C. Reich	INEL	DEC78
<sup>122</sup> Sb <sup>m</sup>	9550	Decay data only	C. Reich	INEL	DEC78
<sup>123</sup> Sb	9551	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL, RCN	FEB80
<sup>124</sup> Sb	9552	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC78
<sup>124</sup> Sb <sup>m</sup>	9553	Decay data only	F.M. Mann	HEDL	FEB80
<sup>124</sup> Sb <sup>m</sup>	9554	Decay data only	F.M. Mann	HEDL	FEB80
<sup>125</sup> Sb	9555	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC78

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<sup>126</sup> Sb	9556	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC79
<sup>126</sup> Sb <sup>m</sup>	9557	Decay data only	C. Reich	INEL	DEC79
<sup>126</sup> Sb <sup>m</sup>	9558	Decay data only	C. Reich	INEL	DEC79
<sup>127</sup> Sb	9559	Decay data only	C. Reich	INEL	DEC79
<sup>128</sup> Sb	9560	Decay data only	C. Reich	INEL	DEC79
<sup>128</sup> Sb <sup>m</sup>	9561	Decay data only	C. Reich	INEL	DEC79
<sup>129</sup> Sb	9562	Decay data only	C. Reich	INEL	DEC79
<sup>130</sup> Sb	9563	Decay data only	C. Reich	INEL	DEC79
<sup>130</sup> Sb <sup>m</sup>	9564	Decay data only	C. Reich	INEL	DEC79
<sup>131</sup> Sb	9565	Gamma data only	C. Reich	INEL	DEC79
<sup>132</sup> Sb	9566	Decay data only	C. Reich	INEL	DEC79
<sup>132</sup> Sb <sup>m</sup>	9567	Decay data only	C. Reich	INEL	DEC79
<sup>133</sup> Sb	9568	Decay data only	C. Reich	INEL	DEC79
<sup>134</sup> Sb	9569	Decay data only	C. Reich	INEL	DEC79
<sup>134</sup> Sb <sup>m</sup>	9570	Decay data only	C. Reich	INEL	DEC79
<sup>135</sup> Sb	9571	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>136</sup> Sb	9572	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>137</sup> Sb	9573	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>138</sup> Sb	9574	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>139</sup> Sb	9575	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>120</sup> Te	9576	Neutron cross sections only	F.M.Mann	HEDL	FEB80
<sup>121</sup> Te	9577	Decay data only	F.M. Mann	HEDL	FEB80
<sup>121</sup> Te <sup>m</sup>	9578	Decay data only	F.M. Mann	HEDL	FEB80
<sup>122</sup> Te	9579	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>123</sup> Te	9580	Neut.(RP)+decay data	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>123</sup> Te <sup>m</sup>	9581	Decay data only	F.M. Mann	HEDL	FEB80
<sup>124</sup> Te	9582	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>125</sup> Te	9583	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>125</sup> Te <sup>m</sup>	9584	Decay data only	C. Reich	INEL	DEC79
<sup>126</sup> Te	9585	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>127</sup> Te	9586	Decay data only	C. Reich	INEL	DEC79
<sup>127</sup> Te <sup>m</sup>	9587	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC79
<sup>128</sup> Te	9588	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>129</sup> Te	9589	Decay data only	C. Reich	INEL	DEC79
<sup>129</sup> Te <sup>m</sup>	9590	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC79
<sup>130</sup> Te	9591	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>131</sup> Te	9592	Decay data only	C. Reich	INEL	DEC79
<sup>131</sup> Te <sup>m</sup>	9593	Decay data only	C. Reich	INEL	DEC79
<sup>132</sup> Te	9594	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC79
<sup>133</sup> Te	9595	Decay data only	C. Reich	INEL	DEC79
<sup>133</sup> Te <sup>m</sup>	9596	Decay data only	C. Reich	INEL	DEC79
<sup>134</sup> Te	9597	Decay data only	C. Reich	INEL	DEC79
<sup>135</sup> Te	9598	Decay data only	C. Reich	INEL	DEC79
<sup>136</sup> Te	9599	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>137</sup> Te	9600	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>138</sup> Te	9601	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>139</sup> Te	9602	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>140</sup> Te	9603	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>141</sup> Te	9604	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>142</sup> Te	9605	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>126</sup> I	7536	Decay data only	Reich	INEL	APR78
<sup>127</sup> I	6438	(n,2n)+covariance	R.Sher	STANFORD	AUG72
<sup>127</sup> I	7537	(n,2n;gam) (RP)	Schenter,Schmittroth, et al.	HEDL	FEB80

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<sup>127</sup> I	9606	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL,RCN	FEB80
<sup>128</sup> I	7538	Decay data only	Reich	INEL	APR78
<sup>128</sup> I	9607	Decay data only	F.M. Mann	HEDL	FEB80
<sup>129</sup> I	9608	Neut.(RP)+decay data	Schenter,Schmittroth and Reich	HEDL,INEL+	FEB80
<sup>130</sup> I	9609	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL,INEL	DEC79
<sup>130</sup> I <sup>m</sup>	9610	Decay data only	F.M. Mann	HEDL	FEB80
<sup>131</sup> I	9611	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL,INEL	DEC79
<sup>132</sup> I	9612	Decay data only	C. Reich	INEL	DEC79
<sup>132</sup> I <sup>m</sup>	9613	Decay data only	F.M. Mann	HEDL	FEB80
<sup>133</sup> I	9614	Decay data only	C. Reich	INEL	DEC79
<sup>133</sup> I <sup>m</sup>	9615	Decay data only	F.M. Mann	HEDL	FEB80
<sup>134</sup> I	9616	Decay data only	C. Reich	INEL	DEC79
<sup>134</sup> I <sup>m</sup>	9617	Decay data only	C. Reich	INEL	DEC79
<sup>135</sup> I	9618	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL,INEL	DEC79
<sup>136</sup> I	9619	Decay data only	C. Reich	INEL	DEC79
<sup>136</sup> I <sup>m</sup>	9620	Decay data only	C. Reich	INEL	DEC79
<sup>137</sup> I	9621	Decay data only	C. Reich	INEL	DEC79
<sup>138</sup> I	9622	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>139</sup> I	9623	Decay data only	C. Reich	INEL	DEC79
<sup>140</sup> I	9624	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>141</sup> I	9625	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>142</sup> I	9626	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>143</sup> I	9627	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>144</sup> I	9628	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>145</sup> I	9629	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>124</sup> Xe	1335	Neutron cross sections only (RP)	M.R.Bhat and S.F.Mughabghab	BNL	MAR78
<sup>124</sup> Xe	9630	NDG	General Purpose MAT=1335		
<sup>125</sup> Xe	9631	Decay data only	F.M. Mann	HEDL	FEB80
<sup>125</sup> Xe <sup>m</sup>	9632	Decay data only	F.M. Mann	HEDL	FEB80
<sup>126</sup> Xe	1339	Neutron cross sections only (RP)	M.R.Bhat and S.F.Mughabghab	BNL	MAR78
<sup>126</sup> Xe	9633	NDG	General Purpose MAT=1339		
<sup>127</sup> Xe	9634	Decay data only	F.M. Mann	HEDL	FEB80
<sup>127</sup> Xe <sup>m</sup>	9635	Decay data only	F.M. Mann	HEDL	FEB80
<sup>128</sup> Xe	1348	Neutron cross sections only (RP)	M.R.Bhat and S.F.Mughabghab	BNL	MAR78
<sup>128</sup> Xe	9636	NDG	General Purpose MAT=1348		
<sup>129</sup> Xe	1349	Neutron cross sections only (RP)	M.R.Bhat and S.F.Mughabghab	BNL	MAR78
<sup>129</sup> Xe	9637	NDG	General Purpose MAT=1349		
<sup>129</sup> Xe <sup>m</sup>	9638	Decay data only	C. Reich	INEL	DEC79
<sup>130</sup> Xe	1350	Neutron cross sections only (RP)	M.R.Bhat and S.F.Mughabghab	BNL	MAR78
<sup>130</sup> Xe	9639	NDG	General Purpose MAT=1350		
<sup>131</sup> Xe	1351	Neutron cross sections only (RP)	M.R.Bhat and S.F.Mughabghab	BNL	MAR78
<sup>131</sup> Xe	9640	NDG	General Purpose MAT=1351		
<sup>131</sup> Xe <sup>m</sup>	9641	Decay data only	C. Reich	INEL	DEC79
<sup>132</sup> Xe	1352	Neutron cross sections only (RP)	M.R.Bhat and S.F.Mughabghab	BNL	OCT80
<sup>132</sup> Xe	9642	NDG	General Purpose MAT=1352		
<sup>133</sup> Xe	9643	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL,INEL	DEC79
<sup>133</sup> Xe <sup>m</sup>	9644	Decay data only	C. Reich	INEL	DEC79
<sup>134</sup> Xe	1354	Neutron cross sections only (RP)	M.R.Bhat and S.F.Mughabghab	BNL	MAR78
<sup>134</sup> Xe	9645	NDG	General Purpose MAT=1354		
<sup>134</sup> Xe <sup>m</sup>	9646	Decay data only	C. Reich	INEL	DEC79
<sup>135</sup> Xe	1294	Neutron+decay data	B.R.Leonard,Jr. and K.B.Stewart	BNW	OCT80
<sup>135</sup> Xe	9647	Decay data only	General Purpose MAT=1294		
<sup>135</sup> Xe <sup>m</sup>	9648	Decay data only	C. Reich	INEL	DEC79

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<sup>136</sup> Xe	1356	Neutron cross sections only	M.R.Bhat and S.F.Mughabghab	BNL	MAR78
<sup>136</sup> Xe	9649	NDG	General Purpose MAT=1356		
<sup>137</sup> Xe	9650	Decay data only	C. Reich	INEL	DEC79
<sup>138</sup> Xe	9651	Decay data only	C. Reich	INEL	DEC79
<sup>139</sup> Xe	9652	Decay data only	C. Reich	INEL	DEC79
<sup>140</sup> Xe	9653	Decay data only	C. Reich	INEL	DEC79
<sup>141</sup> Xe	9654	Decay data only	C. Reich	INEL	DEC79
<sup>142</sup> Xe	9655	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>143</sup> Xe	9656	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>143</sup> Xe <sup>m</sup>	9657	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>144</sup> Xe	9658	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>145</sup> Xe	9659	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>146</sup> Xe	9660	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>147</sup> Xe	9661	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>133</sup> Cs	1355	Neutron cross sections only (RP)	Schenter,Bhat,Prince,Johnson,+	HEDL, BNL	NOV78
<sup>133</sup> Cs	9662	NDG	General Purpose MAT=1355		
<sup>134</sup> Cs	9663	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC79
<sup>134</sup> Cs <sup>m</sup>	9664	Decay data only	C. Reich	INEL	DEC79
<sup>135</sup> Cs	9665	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC79
<sup>135</sup> Cs <sup>m</sup>	9666	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>136</sup> Cs	9667	Neut.(RP)+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC79
<sup>136</sup> Cs <sup>m</sup>	9668	Decay data only	F.M. Mann	HEDL	FEB80
<sup>137</sup> Cs	9669	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC79
<sup>138</sup> Cs	9670	Decay data only	C. Reich	INEL	DEC79
<sup>138</sup> Cs <sup>m</sup>	9671	Decay data only	C. Reich	INEL	DEC79
<sup>139</sup> Cs	9672	Decay data only	C. Reich	INEL	DEC79
<sup>140</sup> Cs	9673	Decay data only	C. Reich	INEL	DEC79
<sup>141</sup> Cs	9674	Decay data only	C. Reich	INEL	DEC79
<sup>142</sup> Cs	9675	Decay data only	C. Reich	INEL	DEC79
<sup>143</sup> Cs	9676	Decay data only	C. Reich	INEL	DEC79
<sup>144</sup> Cs	9677	Decay data only	C. Reich	INEL	DEC79
<sup>145</sup> Cs	9678	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>146</sup> Cs	9679	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>147</sup> Cs	9680	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>148</sup> Cs	9681	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>149</sup> Cs	9682	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>150</sup> Cs	9683	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>134</sup> Ba	9684	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>135</sup> Ba	9685	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>135</sup> Ba <sup>m</sup>	9686	Decay data only	C. Reich	INEL	DEC79
<sup>136</sup> Ba	9687	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>136</sup> Ba <sup>m</sup>	9688	Decay data only	C. Reich	INEL	DEC79
<sup>137</sup> Ba	9689	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>137</sup> Ba <sup>m</sup>	9690	Decay data only	C. Reich	INEL	DEC79
<sup>138</sup> Ba	1353	Neutron+gamma production	Howerton	LLL	AUG78
<sup>138</sup> Ba	9691	NDG	General Purpose MAT=1353		
<sup>139</sup> Ba	9692	Decay data only	C. Reich	INEL	DEC79
<sup>140</sup> Ba	9693	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL, INEL	DEC79
<sup>141</sup> Ba	9694	Decay data only	C. Reich	INEL	DEC79
<sup>142</sup> Ba	9695	Decay data only	C. Reich	INEL	DEC79
<sup>143</sup> Ba	9696	Decay data only	C. Reich	INEL	DEC79
<sup>144</sup> Ba	9697	Decay data only	C. Reich	INEL	DEC79
<sup>145</sup> Ba	9698	Decay data only	C. Reich	INEL	DEC79

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<sup>146</sup> Ba	9699	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>147</sup> Ba	9700	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>148</sup> Ba	9701	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>149</sup> Ba	9702	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>150</sup> Ba	9703	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>151</sup> Ba	9704	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>152</sup> Ba	9705	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>138</sup> La	9706	Decay data only	F.M. Mann	HEDL	FEB80
<sup>139</sup> La	7579	(n,gam) (RP)	Schenter, Schmittroth, et al.	HEDL	FEB80
<sup>139</sup> La	9707	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL, RCN	FEB80
<sup>140</sup> La	7570	Decay data only	Reich	INEL	APR78
<sup>140</sup> La	9708	Neutron+decay data	Schenter, Schmittroth and Reich	HEDL, INEL	DEC79
<sup>141</sup> La	9709	Decay data only	C. Reich	INEL	DEC79
<sup>142</sup> La	9710	Decay data only	C. Reich	INEL	DEC79
<sup>143</sup> La	9711	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>144</sup> La	9712	Decay data only	C. Reich	INEL	DEC79
<sup>145</sup> La	9713	Decay data only	C. Reich	INEL	DEC79
<sup>146</sup> La	9714	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>147</sup> La	9715	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>148</sup> La	9716	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>149</sup> La	9717	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>150</sup> La	9718	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>151</sup> La	9719	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>152</sup> La	9720	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>153</sup> La	9721	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>154</sup> La	9722	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>155</sup> La	9723	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>140</sup> Ce	9724	Neutron cross sections only	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>141</sup> Ce	9725	Neutron+decay data	Schenter, Schmittroth and Reich	HEDL, INEL	DEC79
<sup>142</sup> Ce	9726	Neutron+decay data	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>143</sup> Ce	9727	Neutron+decay data	Schenter, Schmittroth and Reich	HEDL, INEL	DEC79
<sup>144</sup> Ce	9728	Neutron+decay data	Schenter, Schmittroth and Reich	HEDL, INEL	DEC79
<sup>145</sup> Ce	9729	Decay data only	C. Reich	INEL	DEC79
<sup>146</sup> Ce	9730	Decay data only	C. Reich	INEL	DEC79
<sup>147</sup> Ce	9731	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>148</sup> Ce	9732	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>149</sup> Ce	9733	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>150</sup> Ce	9734	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>151</sup> Ce	9735	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>152</sup> Ce	9736	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>153</sup> Ce	9737	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>154</sup> Ce	9738	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>155</sup> Ce	9739	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>156</sup> Ce	9740	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>157</sup> Ce	9741	Decay data only	F.M. Mann and F.Schmittroth	HEDL	FEB80
<sup>141</sup> Pr	9742	Neutron cross sections only (RP)	Schenter, Schmittroth, & Prince	HEDL, BNL+	FEB80
<sup>142</sup> Pr	9743	Neutron+decay data	Schenter, Schmittroth and Reich	HEDL, INEL	DEC79
<sup>142</sup> Pr <sup>m</sup>	9744	Decay data only	F.M. Mann	HEDL	FEB80
<sup>143</sup> Pr	9745	Neutron+decay data	Schenter, Schmittroth and Reich	HEDL, INEL	DEC79
<sup>144</sup> Pr	9746	Decay data only	C. Reich	INEL	DEC79
<sup>144</sup> Pr <sup>m</sup>	9747	Decay data only	C. Reich	INEL	DEC79
<sup>145</sup> Pr	9748	Decay data only	C. Reich	INEL	DEC79
<sup>146</sup> Pr	9749	Decay data only	C. Reich	INEL	DEC79

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<sup>147</sup> Pr	9750	Decay data only	C. Reich	INEL	DEC79
<sup>148</sup> Pr	9751	Decay data only	C. Reich	INEL	DEC79
<sup>149</sup> Pr	9752	Decay data only	C. Reich	INEL	DEC79
<sup>150</sup> Pr	9753	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>151</sup> Pr	9754	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>152</sup> Pr	9755	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>153</sup> Pr	9756	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>154</sup> Pr	9757	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>155</sup> Pr	9758	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>156</sup> Pr	9759	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>157</sup> Pr	9760	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>158</sup> Pr	9761	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>159</sup> Pr	9762	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>142</sup> Nd	9763	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>143</sup> Nd	9764	Neutron cross sections only (RP)	Schenter,Schmittroth ,& Prince	HEDL,BNL+	FEB80
<sup>144</sup> Nd	9765	Neut.(RP)+decay data	Schenter,Schmittroth and Mann	HEDL	FEB80
<sup>145</sup> Nd	9766	Neutron cross sections only (RP)	Schenter,Schmittroth ,& Prince	HEDL,BNL+	FEB80
<sup>146</sup> Nd	9767	Neutron cross sections only (RP)	Schenter,Schmittroth ,& Prince	HEDL,BNL+	FEB80
<sup>147</sup> Nd	9768	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL,INEL	DEC79
<sup>148</sup> Nd	9769	Neutron cross sections only (RP)	Schenter,Schmittroth ,& Prince	HEDL,BNL+	FEB80
<sup>149</sup> Nd	9770	Decay data only	C. Reich	INEL	DEC79
<sup>150</sup> Nd	9771	Neutron cross sections only (RP)	Schenter,Schmittroth ,& Prince	HEDL,BNL+	FEB80
<sup>151</sup> Nd	9772	Decay data only	C. Reich	INEL	DEC79
<sup>152</sup> Nd	9773	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>153</sup> Nd	9774	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>154</sup> Nd	9775	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>155</sup> Nd	9776	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>156</sup> Nd	9777	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>157</sup> Nd	9778	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>158</sup> Nd	9779	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>159</sup> Nd	9780	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>160</sup> Nd	9781	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>161</sup> Nd	9782	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>147</sup> Pm	9783	Neut.(RP)+decay data	Schenter +, Reich, and Prince	HEDL,INEL,+	FEB80
<sup>148</sup> Pm	9784	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL,INEL	DEC79
<sup>148</sup> Pm <sup>m</sup>	9785	Neut.(RP)+decay data	Schenter,Schmittroth and Reich	HEDL,INEL	DEC79
<sup>149</sup> Pm	9786	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL,INEL	DEC79
<sup>150</sup> Pm	9787	Decay data only	F.M. Mann	HEDL	FEB80
<sup>151</sup> Pm	9788	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL,INEL	DEC79
<sup>152</sup> Pm	9789	Decay data only	C. Reich	INEL	DEC79
<sup>152</sup> Pm <sup>m</sup>	9790	Decay data only	C. Reich	INEL	DEC79
<sup>152</sup> Pm <sup>m</sup>	9791	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>153</sup> Pm	9792	Decay data only	C. Reich	INEL	DEC79
<sup>154</sup> Pm	9793	Decay data only	C. Reich	INEL	DEC79
<sup>154</sup> Pm <sup>m</sup>	9794	Decay data only	C. Reich	INEL	DEC79
<sup>155</sup> Pm	9795	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>156</sup> Pm	9796	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>157</sup> Pm	9797	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>158</sup> Pm	9798	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>159</sup> Pm	9799	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>160</sup> Pm	9800	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>161</sup> Pm	9801	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>162</sup> Pm	9802	Decay data, only	F.M.Mann and F.Schmittroth	HEDL	FEB80

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<sup>144</sup> Sm	9803	Neutron cross sections only	F.M.Mann	HEDL	FEB80
<sup>145</sup> Sm	9804	Decay data only	F.M. Mann	HEDL	FEB80
<sup>146</sup> Sm	9805	Decay data only	F.M. Mann	HEDL	FEB80
<sup>147</sup> Sm	9806	Neut.(RP)+decay data	Schenter +, Mann, and Prince	HEDL,BNL+	FEB80
<sup>148</sup> Sm	9807	Neutron+decay data	Schenter,Schmittroth and Mann	HEDL	FEB80
<sup>149</sup> Sm	1319	Neut.(RP)+decay data	Schenter,Leonard,Stewart,et al.	HEDL,BNW	NOV78
<sup>149</sup> Sm	9808	Decay data only	General Purpose MAT=1319		
<sup>150</sup> Sm	9809	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>151</sup> Sm	9810	Neut.(RP)+decay data	Schenter +, Reich, and Prince	HEDL,INEL,+	FEB80
<sup>152</sup> Sm	9811	Neutron cross sections only (RP)	Schenter,Schmittroth ,& Prince	HEDL,BNL+	FEB80
<sup>153</sup> Sm	9812	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL,INEL	DEC79
<sup>154</sup> Sm	9813	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>155</sup> Sm	9814	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>156</sup> Sm	9815	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>157</sup> Sm	9816	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>158</sup> Sm	9817	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>159</sup> Sm	9818	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>160</sup> Sm	9819	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>161</sup> Sm	9820	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>162</sup> Sm	9821	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>163</sup> Sm	9822	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>164</sup> Sm	9823	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>165</sup> Sm	9824	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>151</sup> Eu	1357	Neutron(RP)+gamma production	S.F. Mughabghab	BNL	DEC77
<sup>151</sup> Eu	9825	NDG	General Purpose MAT=1357		
<sup>152</sup> Eu	1292	Neut.(RP)+decay data	H.Takahashi	BNL	OCT80
<sup>152</sup> Eu	9826	Decay data only	General Purpose MAT=1292		
<sup>152</sup> Eu <sup>m</sup>	9827	Decay data only	C. Reich	INEL	DEC79
<sup>152</sup> Eu <sup>m</sup>	9828	Decay data only	C. Reich	INEL	DEC79
<sup>153</sup> Eu	1359	Neutron(RP)+gamma production	S.Mughabghab	BNL	FEB78
<sup>153</sup> Eu	9829	NDG	General Purpose MAT=1359		
<sup>154</sup> Eu	1293	Neut.(RP)+decay data	H.Takahashi	BNL	OCT80
<sup>154</sup> Eu	9830	Decay data only	General Purpose MAT=1293		
<sup>154</sup> Eu <sup>m</sup>	9831	Decay data only	F.M. Mann	HEDL	FEB80
<sup>155</sup> Eu	9832	Neutron+decay data	Prince,Schenter,Reich	BNL,HEDL,+	DEC79
<sup>156</sup> Eu	9833	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL,INEL	DEC79
<sup>157</sup> Eu	9834	Neutron+decay data	R.E.Schenter and F.Schmittroth	HEDL	FEB80
<sup>158</sup> Eu	9835	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>159</sup> Eu	9836	Decay data only	C. Reich	INEL	DEC79
<sup>160</sup> Eu	9837	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>161</sup> Eu	9838	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>162</sup> Eu	9839	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>163</sup> Eu	9840	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>164</sup> Eu	9841	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>165</sup> Eu	9842	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>152</sup> Gd	1362	Neut.(RP)+decay data	B.A.Magurno	BNL	OCT80
<sup>152</sup> Gd	9843	Decay data only	General Purpose MAT=1362		
<sup>153</sup> Gd	9844	Decay data only	F.M. Mann	HEDL	FEB80
<sup>154</sup> Gd	1364	Neutron cross sections only (RP)	B.A.Magurno	BNL	JAN77
<sup>154</sup> Gd	9845	NDG	General Purpose MAT=1364		
<sup>155</sup> Gd	1365	Neutron cross sections only (RP)	B.A.Magurno	BNL	JAN77
<sup>155</sup> Gd	9846	NDG	General Purpose MAT=1365		
<sup>156</sup> Gd	1366	Neutron cross sections only (RP)	B.A.Magurno	BNL	OCT80

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<sup>156</sup> Gd	9847	NDG	General Purpose MAT=1366		
<sup>157</sup> Gd	1367	Neutron cross sections only (RP)	B.A.Magurno	BNL	JAN77
<sup>157</sup> Gd	9848	NDG	General Purpose MAT=1367		
<sup>158</sup> Gd	1368	Neutron cross sections only (RP)	B.A.Magurno	BNL	JAN77
<sup>158</sup> Gd	9849	NDG	General Purpose MAT=1368		
<sup>159</sup> Gd	9850	Decay data only	C. Reich	INEL	DEC79
<sup>160</sup> Gd	1370	Neutron cross sections only (RP)	B.A.Magurno	BNL	JAN77
<sup>160</sup> Gd	9851	NDG	General Purpose MAT=1370		
<sup>161</sup> Gd	9852	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>162</sup> Gd	9853	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>163</sup> Gd	9854	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>164</sup> Gd	9855	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>165</sup> Gd	9856	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>159</sup> Tb	9857	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL,RCN	FEB80
<sup>160</sup> Tb	9858	Neutron+decay data	Schenter,Schmittroth and Reich	HEDL,INEL	DEC79
<sup>161</sup> Tb	9859	Decay data only	F.M. Mann	HEDL	FEB80
<sup>162</sup> Tb	9860	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>163</sup> Tb	9861	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>164</sup> Tb	9862	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>165</sup> Tb	9863	Decay data only	R.E.Schenter	HEDL	APR74
<sup>160</sup> Dy	9864	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>161</sup> Dy	9865	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>162</sup> Dy	9866	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>163</sup> Dy	9867	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>164</sup> Dy	1031	Neutron cross sections only (RP)	B.R.Leonard,Jr. and K.B.Stewart	BNW	JUN67
<sup>164</sup> Dy	7664	(n,gam) (RP)	B.R.Leonard,Jr. and K.B.Stewart	BNW	JUN67
<sup>164</sup> Dy	9868	NDG	General Purpose MAT=1031		
<sup>163</sup> Dy	7665	Decay data only	Reich	INEL	APR78
<sup>65</sup> Dy <sup>m</sup>	7666	Decay data only	Reich	INEL	APR78
<sup>165</sup> Dy	9869	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>65</sup> Dy <sup>m</sup>	9870	Decay data only	F.M. Mann	HEDL	FEB80
<sup>166</sup> Dy	9871	Decay data only	C. Reich	INEL	DEC79
<sup>165</sup> Ho	9872	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>166</sup> Ho	9873	Decay data only	C. Reich	INEL	-DEC79
<sup>66</sup> Ho <sup>m</sup>	9874	Decay data only	F.M.Mann and F.Schmittroth	HEDL	FEB80
<sup>166</sup> Er	9875	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>167</sup> Er	9876	Neutron cross sections only (RP)	R.E.Schenter and F.Schmittroth	HEDL	APR74
<sup>67</sup> Er <sup>m</sup>	9877	Decay data only	F.M. Mann	HEDL	FEB80
<sup>175</sup> Lu	1032	Neutron cross sections only (RP)	B.R.Leonard,Jr. and K.B.Stewart	BNW	JUN67
<sup>176</sup> Lu	1033	Neutron cross sections only (RP)	B.R.Leonard,Jr. and K.B.Stewart	BNW	JUN67
Hf	1372	Neutron cross sections only (RP)	M.Drake D.Sarges T.Maung	SAI	APR76
<sup>174</sup> Hf	1374	Neutron cross sections only (RP)	M.Drake D.Sarges T.Maung	SAI	APR76
<sup>176</sup> Hf	1376	Neutron cross sections only (RP)	M.Drake D.Sarges T.Maung	SAI	APR76
<sup>177</sup> Hf	1377	Neutron cross sections only (RP)	M.Drake D.Sarges T.Maung	SAI	APR76
<sup>178</sup> Hf	1378	Neutron cross sections only (RP)	M.Drake D.Sarges T.Maung	SAI	APR76
<sup>179</sup> Hf	1383	Neutron cross sections only (RP)	M.Drake D.Sarges T.Maung	SAI	APR76
<sup>180</sup> Hf	1384	Neutron cross sections only (RP)	M.Drake D.Sarges T.Maung	SAI	APR76
<sup>181</sup> Ta	1285	Neutron(RP)+gamma production	Howerton, Perkins, Macgregor	LLL	NOV74
<sup>181</sup> Ta	7731	(n,gam) (RP)	Howerton, Perkins, Macgregor	LLL	NOV74
<sup>182</sup> Ta	1127	Neutron cross sections only (RP)	J.Otter,C.Dunford and E.Ottewitte	AI	APR71
<sup>182</sup> Ta	7732	Decay data only	Reich	INEL	APR78
<sup>182</sup> W	1128	Neutron(RP)+gamma production	Otter,Ottewitte,Rose,Young	AI,LASL	JUN73
<sup>183</sup> W	1129	Neutron(RP)+gamma production	Otter,Ottewitte,Rose,Young	AI,LASL	OCT74



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<sup>184</sup> W	1130	Neutron(RP)+gamma production	Otter,Ottewille,Rose,Young	AI,LASL	APR74
<sup>186</sup> W	1131	Neutron(RP)+gamma production	Otter,Ottewille,Rose,Young	AI,LASL	JUN73
<sup>185</sup> Re	1083	Neutron cross sections only (RP)	W.B.Henderson and J.W.Zwick	GE(NMPO)	JAN68
<sup>187</sup> Re	1084	Neut.(RP)+decay data	W.B.Henderson and J.W.Zwick	GE(NMPO)	JAN68
<sup>185</sup> Au	7795	Decay data only	Reich	INEL	APR78
<sup>186</sup> Au	7796	Decay data only	Reich	INEL	APR78
<sup>187</sup> Au	1379	Neut.(RP)+covariance	S.F.Mughabghab	BNL	OCT80
<sup>187</sup> Au	6379	(n,gam)(RP)+cov.	S.F.Mughabghab	BNL	FEB77
<sup>187</sup> Au	7797	(n,2n;3n;gam)(RP)	S.F.Mughabghab	BNL	FEB77
<sup>198</sup> Au	7798	Decay data only	Reich	INEL	APR78
<sup>208</sup> Tl	8108	Decay data only	Reich	INEL	AUG78
Pb	1382	Neut.+gamma prod.+covariance	C.Y.Fu and F.G.Perey	ORNL	AUG76
<sup>212</sup> Pb	8212	Decay data only	Reich	INEL	AUG78
<sup>209</sup> Bi	1375	Neutron+gamma production	D.Smith,A.Smith,Guenther,Howerton	ANL,LLL	APR80
<sup>212</sup> Bi	8312	Decay data only	Reich	INEL	NOV78
<sup>216</sup> Po	8416	Decay data only	Reich	INEL	AUG78
<sup>220</sup> Rn	8620	Decay data only	Reich	INEL	AUG78
<sup>224</sup> Ra	8824	Decay data only	Reich	INEL	AUG78
<sup>228</sup> Th	8028	Decay data only	Reich	INEL	AUG78
<sup>230</sup> Th	8030	Neut.(RP)+decay data	Mann	HEDL	NOV77
<sup>231</sup> Th	7901	Decay data only	Reich	INEL	APR78
<sup>231</sup> Th	8031	Decay data only	Reich	INEL	AUG78
<sup>232</sup> Th	1390	Neut(RP)+decay+FPY+gam.+cov.	Bhat,Smith,Leonard,Desaussure,+	BNL	DEC77
<sup>232</sup> Th	6390	(n,fiss;gam)(RP)+cov.	Bhat,Smith,Leonard,Desaussure,+	BNL	DEC77
<sup>232</sup> Th	7902	(n,2n;gam)(RP)+decay	Bhat,Smith,Leonard,Desaussure,+	BNL	DEC77
<sup>233</sup> Th	7903	Decay data only	Reich	INEL	APR78
<sup>233</sup> Th	8033	Decay data only	Reich	INEL	AUG78
<sup>231</sup> Pa	7911	(n,gam)(RP)+decay	Mann	HEDL	NOV77
<sup>231</sup> Pa	8131	Neut.(RP)+decay data	Mann	HEDL	NOV77
<sup>232</sup> Pa	7912	Decay data only	Reich	INEL	APR78
<sup>232</sup> Pa	8132	Decay data only	Reich	INEL	AUG78
<sup>233</sup> Pa	1391	Neut.(RP)+decay data	Mann,Schenter,Reich	HEDL, INEL	MAY78
<sup>233</sup> Pa	7913	(n,2n)+decay	Mann,Schenter,Reich	HEDL, INEL	MAY78
<sup>232</sup> U	7922	Decay data only	Reich	INEL	APR78
<sup>232</sup> U	8232	Neut.(RP)+decay data	Mann	HEDL	NOV77
<sup>233</sup> U	1393	Neut(RP)+decay+fiss.prod.yld	Stewart +, Weston, Mann,HEDL	LASL-ORNL	DEC78
<sup>233</sup> U	7923	(n,2n)+decay	Stewart +, Weston, Mann,HEDL	LASL-ORNL	DEC78
<sup>234</sup> U	1394	Neut.(RP)+decay data	Divadeenam,Mann,Drake,Reich,+	BNL,HEDL,+	OCT80
<sup>235</sup> U	1395	Neut(RP)+decay+FPY+gam.+cov.	M.R.Bhat	BNL	OCT80
<sup>235</sup> U	6395	(n,fiss)(RP)+cov.	M.R.Bhat	BNL	APR77
<sup>236</sup> U	1396	Neut(RP)+decay+fiss.prod.yld	Divadeenam,Mann,Mccrosson,Reich,+	BNL,HEDL,+	OCT80
<sup>237</sup> U	8237	Neut.(RP)+decay+gamma prod.	Kinsey, Benjamin, Howerton	BNL,SRL,LLL	JUL76
<sup>238</sup> U	1398	Neut(RP)+decay+FPY+gam.+cov.	E.Pennington,A.Smith,W.Poenitz	ANL+	OCT80
<sup>238</sup> U	6398	(n,fiss;gam)(RP)+cov.	E.Pennington,A.Smith,W.Poenitz	ANL+	MAR79
<sup>238</sup> U	7928	(n,gam)(RP)+decay	E.Pennington,A.Smith,W.Poenitz	ANL+	MAR79
<sup>239</sup> U	7929	Decay data only	Reich	INEL	APR78
<sup>239</sup> U	8239	Decay data only	Reich	INEL	AUG78
<sup>236</sup> Np	8336	Decay data only	Reich	INEL	AUG78
<sup>236</sup> Np <sup>m</sup>	8346	Decay data only	Reich	INEL	AUG78
<sup>237</sup> Np	1337	Neut(RP)+decay+FPY+cov.	Mann,Benjamin,Smith,Stein,Reich,+	HEDL,SRL,+	APR78
<sup>237</sup> Np	6337	(n,fiss)(RP)+cov.	Mann,Benjamin,Smith,Stein,Reich,+	HEDL,SRL,+	APR78
<sup>238</sup> Np	8338	Neut.(RP)+decay data	Benjamin and Mccrosson	SRL	AUG75
<sup>239</sup> Np	8339	Decay data only	Reich	INEL	AUG78

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<sup>236</sup> Pu	8436	Neut.(RP)+decay data	Mann,Schenter,Benjamin,Mccrosson	HEDL,SRL	APR78
<sup>237</sup> Pu	8437	Neutron+decay data	Mann and Schenter (FAST)	HEDL	APR78
<sup>238</sup> Pu	1338	Neut.(RP)+decay data	Mann,Schenter,Alter,Dunford,+	HEDL,AI,+	OCT80
<sup>239</sup> Pu	1399	Neut(RP)+decay+FPY+gam.+cov.	E.Kujawski,L.Stewart(LASL)	GE-FBRD	OCT76
<sup>239</sup> Pu	6399	(n,fiss)(RP)+cov.	E.Kujawski,L.Stewart(LASL)	GE-FBRD	OCT76
<sup>240</sup> Pu	1380	Neut(RP)+decay+FPY+gam.+cov.	L.W. Weston	ORNL	APR77
<sup>241</sup> Pu	1381	Neut(RP)+decay+FPY+gam.+cov.	L.W. Weston R.Q. Wright,Howerton	ORNL	OCT77
<sup>242</sup> Pu	1342	Neut(RP)+decay+FPY+gam.+cov.	Mann,Benjamin,Madland,Howerton,+	HEDL,SRL,+	OCT78
<sup>243</sup> Pu	8443	Neut.(RP)+decay+gamma prod.	Kinsey, Benjamin, Howerton	BNL,SRL,LLL	JUL76
<sup>244</sup> Pu	8444	Neut.(RP)+decay data	Mann,Schenter,Benjamin,Mccrosson	HEDL,SRL	APR78
<sup>240</sup> Am	8540	Decay data only	Reich	INEL	AUG78
<sup>241</sup> Am	1361	Neut.(RP)+decay+gammad.+cov.	Mann,Schenter, and Weston	HEDL,ORNL	APR78
<sup>241</sup> Am	7951	(n,gam)(RP)+decay	Mann,Schenter, and Weston	HEDL,ORNL	APR78
<sup>242</sup> Am <sup>m</sup>	1369	Neut.(RP)+decay+gamma prod.	Mann,Benjamin,Howerton,et al.	HEDL,SRL,LLL	APR78
<sup>242</sup> Am	7952	Decay data only	Reich	INEL	APR78
<sup>242</sup> Am <sup>m</sup>	7953	Decay data only	Reich	INEL	APR78
<sup>242</sup> Am	8542	Neut.(RP)+decay data	Benjamin and Mccrosson	SRL	AUG75
<sup>243</sup> Am	1363	Neut.(RP)+decay+gamma prod.	Mann,Benjamin,Howerton,et al.	HEDL,SRL,LLL	APR78
<sup>244</sup> Am	8544	Decay data only	Reich	INEL	AUG78
<sup>244</sup> Am <sup>m</sup>	8554	Decay data only	Reich	INEL	AUG78
<sup>241</sup> Cm	8641	Neutron+decay data	Mann and Schenter	HEDL	APR78
<sup>242</sup> Cm	7962	Decay data only	Reich	INEL	APR78
<sup>242</sup> Cm	8642	Neut.(RP)+decay+gamma prod.	Mann,Benjamin,Howerton,et al.	HEDL,SRL,LLL	APR78
<sup>243</sup> Cm	1343	Neut.(RP)+decay+gamma prod.	Mann,Benjamin,Howerton,et al.	HEDL,SRL,LLL	APR78
<sup>244</sup> Cm	1344	Neut.(RP)+decay+gamma prod.	Mann,Benjamin,Howerton,et al.	HEDL,SRL,LLL	APR78
<sup>245</sup> Cm	1345	Neut.(RP)+decay+gamma prod.	Benjamin and Howerton	SRL,LLL	OCT80
<sup>246</sup> Cm	1346	Neut.(RP)+decay+gamma prod.	Kinsey, Benjamin, Howerton	BNL,SRL,LLL	JUL76
<sup>247</sup> Cm	8647	Neut.(RP)+decay+gamma prod.	Kinsey, Benjamin, Howerton	BNL,SRL,LLL	JUL76
<sup>248</sup> Cm	8648	Neut.(RP)+decay+gamma prod.	Mann,Benjamin,Howerton,et al.	HEDL,SRL,LLL	APR78
<sup>249</sup> Cm	8649	Decay data only	Reich	INEL	AUG78
<sup>249</sup> Bk	8749	Neut.(RP)+decay+gamma prod.	Kinsey, Benjamin, Howerton	BNL,SRL,LLL	JUL76
<sup>250</sup> Bk	8750	Decay data only	Reich	INEL	AUG78
<sup>249</sup> Cf	8849	Neut.(RP)+decay+gamma prod.	Kinsey, Benjamin, Howerton	BNL,SRL,LLL	JUL76
<sup>250</sup> Cf	8850	Neut.(RP)+decay+gamma prod.	Kinsey, Benjamin, Howerton	BNL,SRL,LLL	JUL76
<sup>251</sup> Cf	8851	Neut.(RP)+decay+gamma prod.	Kinsey, Benjamin, Howerton	BNL,SRL,LLL	JUL76
<sup>252</sup> Cf	8852	Neut(RP)+decay+FPY+gam.	Kinsey, Benjamin, Howerton	BNL,SRL,LLL	JUL76
<sup>253</sup> Cf	8853	Neut.(RP)+decay data	Benjamin and Mccrosson	SRL	DEC75
<sup>253</sup> Es	8953	Neut.(RP)+decay data	Kinsey,Benjamin, and Mccrosson	BNL,SRL	JUL76