

Table 8, part I: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\min}$ and F_{\max} .

| reaction | contribution | BE11 | BL11 | BL12 | BL13 | BL21 | BL23 | CM11 | CM12 | CM13 | CS11 | FL11 | FO11 | FR11 | FR12 | GL11 |
|---------------------|--------------|------|------|------|------|------|------|------|------|----------|----------|----------|------|----------|----------|----------|
| O-0(P,5PXN)BE-7 | | | | | | | | | | 0.11E+01 | 0.62E+01 | | | | | 0.27E+01 |
| | | | | | | | | | | 0.11E+01 | 0.45E+01 | | | | | 0.12E+01 |
| | | | | | | | | | | 0.11E+01 | 0.10E+02 | | | | | 0.52E+01 |
| O-0(P,5PXN)BE-10 | | | | | | | | | | 0.32E+01 | 0.15E+01 | | | | | 0.47E+01 |
| | | | | | | | | | | 0.32E+01 | 0.49E+00 | | | | | 0.14E+01 |
| | | | | | | | | | | 0.32E+01 | 0.12E+01 | | | | | 0.13E+02 |
| O-0(P,3PXN)C-14 | | | | | | | | | | | 0.13E+01 | | | | | 0.72E+01 |
| | | | | | | | | | | | 0.72E+00 | | | | | 0.72E+01 |
| | | | | | | | | | | | 0.84E+00 | | | | | 0.72E+01 |
| AL-27(P,13PXN)H-3 | | | | | | | | | | | 0.22E+01 | 0.25E+01 | | | | |
| | | | | | | | | | | | 0.12E+01 | 0.23E+01 | | | | |
| | | | | | | | | | | | 0.34E+01 | 0.26E+01 | | | | |
| AL-27(P,12PXN)HE-3 | | | | | | | | | | | | 0.26E+01 | | | | |
| | | | | | | | | | | | | 0.18E+01 | | | | |
| | | | | | | | | | | | | 0.33E+01 | | | | |
| AL-27(P,12PXN)HE-4 | | | | | | | | | | | 0.12E+01 | 0.15E+01 | | | | |
| | | | | | | | | | | | 0.78E+00 | 0.12E+01 | | | | |
| | | | | | | | | | | | 0.12E+01 | 0.17E+01 | | | | |
| AL-27(P,10P11N)BE-7 | | | | | | | | | | | 0.30E+03 | 0.16E+03 | | | | |
| | | | | | | | | | | | 0.70E+02 | 0.24E+02 | | | | |
| | | | | | | | | | | | 0.11E+04 | 0.17E+04 | | | | |
| AL-27(P,10P8N)BE-10 | | | | | | | | | | | 0.19E+02 | 0.10E+03 | | | | |
| | | | | | | | | | | | 0.12E+02 | 0.31E+02 | | | | |
| | | | | | | | | | | | 0.48E+02 | 0.38E+03 | | | | |
| AL-27(P,4PXN)NE-20 | | | | | | | | | | | 0.29E+01 | | | 0.13E+01 | 0.12E+01 | 0.18E+01 |
| | | | | | | | | | | | 0.22E+01 | | | 0.63E+00 | 0.94E+00 | 0.14E+01 |
| | | | | | | | | | | | 0.34E+01 | | | 0.13E+01 | 0.13E+01 | 0.23E+01 |
| AL-27(P,4PXN)NE-21 | | | | | | | | | | | 0.12E+01 | | | 0.13E+01 | 0.12E+01 | 0.18E+01 |
| | | | | | | | | | | | 0.82E+00 | | | 0.69E+00 | 0.68E+00 | 0.14E+01 |
| | | | | | | | | | | | 0.14E+01 | | | 0.11E+01 | 0.11E+01 | 0.23E+01 |
| AL-27(P,4PXN)NE-22 | | | | | | | | | | | | | | 0.16E+01 | 0.14E+01 | 0.15E+01 |
| | | | | | | | | | | | | | | 0.53E+00 | 0.67E+00 | 0.10E+01 |
| | | | | | | | | | | | | | | 0.12E+01 | 0.17E+01 | 0.19E+01 |
| AL-27(P,3P3N)NA-22 | | | | | | | | | | | 0.13E+01 | 0.11E+01 | | 0.15E+01 | 0.25E+01 | 0.15E+01 |
| | | | | | | | | | | | 0.65E+00 | 0.78E+00 | | 0.10E+01 | 0.20E+01 | 0.89E+00 |
| | | | | | | | | | | | 0.13E+01 | 0.11E+01 | | 0.22E+01 | 0.40E+01 | 0.23E+01 |
| AL-27(P,3PN)NA-24 | | | | | | | | | | | 0.14E+01 | 0.18E+01 | | 0.15E+01 | 0.18E+01 | 0.18E+01 |
| | | | | | | | | | | | 0.55E+00 | 0.15E+01 | | 0.49E+00 | 0.40E+00 | 0.11E+01 |
| | | | | | | | | | | | 0.13E+01 | 0.21E+01 | | 0.85E+00 | 0.73E+00 | 0.37E+01 |
| AL-27(P,PN)AL-26 | | | | | | | | | | | 0.11E+01 | | | 0.11E+01 | 0.20E+01 | 0.25E+01 |
| | | | | | | | | | | | 0.81E+00 | | | 0.87E+00 | 0.47E+00 | 0.16E+01 |

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| reaction | contribution | BE11 | BL11 | BL12 | BL13 | BL21 | BL23 | CM11 | CM12 | CM13 | CS11 | FL11 | FO11 | FR11 | FR12 | GL11 |
|--------------------|--------------|------|------|------|------|------|------|------|------|------|----------|----------|----------|----------|----------|----------|
| | | | | | | | | | | | 0.11E+01 | | | 0.11E+01 | 0.56E+00 | 0.36E+01 |
| FE-0(P,26PXN)H-3 | | | | | | | | | | | 0.17E+01 | 0.18E+01 | | | | |
| | | | | | | | | | | | 0.95E+00 | 0.12E+01 | | | | |
| | | | | | | | | | | | 0.33E+01 | 0.21E+01 | | | | |
| FE-0(P,25PXN)HE-3 | | | | | | | | | | | | 0.26E+01 | | | | |
| | | | | | | | | | | | | 0.15E+01 | | | | |
| | | | | | | | | | | | | 0.64E+01 | | | | |
| FE-0(P,25PXN)HE-4 | | | | | | | | | | | 0.17E+01 | 0.31E+01 | | | | |
| | | | | | | | | | | | 0.86E+00 | 0.22E+01 | | | | |
| | | | | | | | | | | | 0.28E+01 | 0.59E+01 | | | | |
| FE-0(P,23PXN)BE-7 | | | | | | | | | | | | 0.12E+03 | | | | |
| | | | | | | | | | | | | 0.85E+02 | | | | |
| | | | | | | | | | | | | 0.16E+03 | | | | |
| FE-0(P,23PXN)BE-10 | | | | | | | | | | | 0.39E+02 | 0.66E+03 | | | | |
| | | | | | | | | | | | 0.33E+02 | 0.66E+03 | | | | |
| | | | | | | | | | | | 0.46E+02 | 0.66E+03 | | | | |
| FE-0(P,17PXN)NE-20 | | | | | | | | | | | 0.58E+01 | 0.16E+01 | | | | |
| | | | | | | | | | | | 0.23E+01 | 0.13E+01 | | | | |
| | | | | | | | | | | | 0.93E+01 | 0.18E+01 | | | | |
| FE-0(P,17PXN)NE-21 | | | | | | | | | | | 0.37E+01 | 0.70E+01 | | 0.29E+02 | 0.83E+01 | |
| | | | | | | | | | | | 0.75E+00 | 0.11E+01 | | 0.29E+02 | 0.72E+00 | |
| | | | | | | | | | | | 0.39E+02 | 0.42E+02 | | 0.29E+02 | 0.15E+02 | |
| FE-0(P,17PXN)NE-22 | | | | | | | | | | | 0.29E+01 | 0.17E+02 | | | | |
| | | | | | | | | | | | 0.14E+01 | 0.55E+01 | | | | |
| | | | | | | | | | | | 0.57E+01 | 0.52E+02 | | | | |
| FE-0(P,16PXN)NA-22 | | | | | | | | | | | 0.44E+01 | 0.20E+02 | | | | |
| | | | | | | | | | | | 0.72E+00 | 0.40E+00 | | | | |
| | | | | | | | | | | | 0.26E+02 | 0.98E+02 | | | | |
| FE-0(P,16PXN)NA-24 | | | | | | | | | | | 0.21E+01 | 0.14E+02 | | 0.26E+01 | | |
| | | | | | | | | | | | 0.25E+00 | 0.27E+01 | | 0.56E+00 | | |
| | | | | | | | | | | | 0.40E+01 | 0.51E+02 | | 0.72E+01 | | |
| FE-0(P,15PXN)MG-28 | | | | | | | | | | | 0.10E+02 | 0.33E+02 | | 0.12E+01 | 0.24E+01 | |
| | | | | | | | | | | | 0.24E+01 | 0.26E+02 | | 0.81E+00 | 0.31E+00 | |
| | | | | | | | | | | | 0.76E+02 | 0.42E+02 | | 0.12E+01 | 0.63E+00 | |
| FE-0(P,14PXN)AL-26 | | | | | | | | | | | 0.32E+01 | 0.47E+01 | | | | |
| | | | | | | | | | | | 0.97E+00 | 0.21E+00 | | | | |
| | | | | | | | | | | | 0.91E+01 | 0.12E+02 | | | | |
| FE-0(P,10PXN)CL-36 | | | | | | | | | | | 0.19E+01 | 0.26E+01 | 0.67E+01 | 0.34E+02 | 0.28E+02 | |
| | | | | | | | | | | | 0.36E+00 | 0.39E+00 | 0.37E-01 | 0.16E+02 | 0.84E+01 | |
| | | | | | | | | | | | 0.35E+01 | 0.65E+01 | 0.48E+00 | 0.11E+03 | 0.10E+03 | |
| FE-0(P,9PXN)AR-36 | | | | | | | | | | | 0.12E+02 | 0.23E+01 | 0.46E+01 | | | |

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| reaction | contribution | BE11 | BL11 | BL12 | BL13 | BL21 | BL23 | CM11 | CM12 | CM13 | CS11 | FL11 | FO11 | FR11 | FR12 | GL11 |
|-------------------|--------------|------|------|------|------|------|------|------|------|------|----------|----------|----------|----------|----------|----------|
| | | | | | | | | | | | 0.66E-01 | 0.37E+00 | 0.19E+00 | | | |
| | | | | | | | | | | | 0.12E+00 | 0.52E+00 | 0.26E+00 | | | |
| FE-0(P,9PXN)AR-38 | | | | | | | | | | | 0.14E+01 | 0.14E+01 | 0.72E+01 | 0.14E+01 | 0.13E+01 | |
| | | | | | | | | | | | 0.53E+00 | 0.53E+00 | 0.94E-01 | 0.70E+00 | 0.11E+01 | |
| | | | | | | | | | | | 0.13E+01 | 0.13E+01 | 0.22E+00 | 0.19E+01 | 0.15E+01 | |
| FE-0(P,8PXN)K-42 | | | | | | | | | | | 0.14E+01 | | 0.78E+01 | 0.29E+01 | 0.29E+01 | |
| | | | | | | | | | | | 0.95E+00 | | 0.13E+00 | 0.34E+00 | 0.34E+00 | |
| | | | | | | | | | | | 0.17E+01 | | 0.13E+00 | 0.34E+00 | 0.34E+00 | |
| FE-0(P,8PXN)K-43 | | | | | | | | | | | 0.25E+01 | | 0.37E+01 | 0.13E+02 | 0.11E+02 | |
| | | | | | | | | | | | 0.13E+01 | | 0.40E+00 | 0.54E-01 | 0.74E-01 | |
| | | | | | | | | | | | 0.45E+01 | | 0.11E+02 | 0.95E-01 | 0.11E+00 | |
| FE-0(P,6PXN)SC-46 | | | | | | | | | | | 0.14E+01 | 0.27E+01 | 0.36E+01 | 0.16E+01 | 0.22E+01 | 0.16E+01 |
| | | | | | | | | | | | 0.56E+00 | 0.23E+01 | 0.15E+00 | 0.39E+00 | 0.31E+00 | 0.54E+00 |
| | | | | | | | | | | | 0.17E+01 | 0.33E+01 | 0.30E+02 | 0.99E+00 | 0.15E+01 | 0.30E+01 |
| FE-0(P,6PXN)SC-47 | | | | | | | | | | | 0.15E+01 | | 0.62E+01 | 0.60E+01 | 0.52E+01 | 0.21E+01 |
| | | | | | | | | | | | 0.10E+01 | | 0.30E+00 | 0.11E+00 | 0.15E+00 | 0.10E+01 |
| | | | | | | | | | | | 0.24E+01 | | 0.34E+02 | 0.24E+00 | 0.27E+00 | 0.57E+01 |
| FE-0(P,6PXN)SC-48 | | | | | | | | | | | 0.18E+01 | | | | | |
| | | | | | | | | | | | 0.15E+01 | | | | | |
| | | | | | | | | | | | 0.22E+01 | | | | | |
| FE-0(P,5PXN)TI-44 | | | | | | | | | | | | | 0.41E+01 | | | 0.23E+01 |
| | | | | | | | | | | | | | 0.19E+00 | | | 0.33E+00 |
| | | | | | | | | | | | | | 0.35E+01 | | | 0.15E+01 |
| FE-0(P,4PXN)V-48 | | | | | | | | | | | 0.13E+01 | 0.14E+01 | 0.68E+01 | 0.45E+02 | 0.10E+02 | 0.15E+01 |
| | | | | | | | | | | | 0.87E+00 | 0.58E+00 | 0.18E+01 | 0.78E+01 | 0.52E+01 | 0.49E+00 |
| | | | | | | | | | | | 0.20E+01 | 0.11E+01 | 0.50E+04 | 0.33E+03 | 0.75E+02 | 0.21E+01 |
| FE-0(P,3PXN)CR-48 | | | | | | | | | | | 0.14E+02 | 0.13E+01 | 0.21E+01 | | | 0.16E+01 |
| | | | | | | | | | | | 0.58E+01 | 0.57E+00 | 0.87E+00 | | | 0.77E+00 |
| | | | | | | | | | | | 0.46E+02 | 0.12E+01 | 0.45E+01 | | | 0.25E+01 |
| FE-0(P,3PXN)CR-51 | | | | | | | | | | | 0.15E+01 | 0.12E+01 | 0.29E+03 | 0.44E+01 | 0.34E+01 | 0.20E+01 |
| | | | | | | | | | | | 0.10E+01 | 0.95E+00 | 0.86E+02 | 0.22E+01 | 0.22E+01 | 0.15E+01 |
| | | | | | | | | | | | 0.20E+01 | 0.16E+01 | 0.74E+01 | 0.84E+01 | 0.84E+01 | 0.32E+01 |
| FE-0(P,2PXN)MN-52 | | | | | | | | | | | 0.13E+01 | 0.28E+01 | | 0.74E+01 | 0.29E+01 | 0.12E+01 |
| | | | | | | | | | | | 0.81E+00 | 0.31E+00 | | 0.21E+01 | 0.19E+01 | 0.94E+00 |
| | | | | | | | | | | | 0.17E+01 | 0.49E+00 | | 0.21E+02 | 0.59E+01 | 0.16E+01 |
| FE-0(P,2PXN)MN-54 | | | | | | | | | | | 0.13E+01 | 0.14E+01 | | 0.16E+01 | 0.16E+01 | 0.20E+01 |
| | | | | | | | | | | | 0.97E+00 | 0.12E+01 | | 0.54E+00 | 0.55E+00 | 0.14E+01 |
| | | | | | | | | | | | 0.15E+01 | 0.16E+01 | | 0.88E+00 | 0.90E+00 | 0.34E+01 |
| FE-0(P,PXN)FE-55 | | | | | | | | | | | 0.12E+02 | 0.12E+01 | | 0.14E+01 | 0.13E+01 | 0.43E+01 |
| | | | | | | | | | | | 0.10E+02 | 0.73E+00 | | 0.12E+01 | 0.67E+00 | 0.36E+01 |
| | | | | | | | | | | | 0.14E+02 | 0.94E+00 | | 0.17E+01 | 0.89E+00 | 0.51E+01 |

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| reaction | contribution | BE11 | BL11 | BL12 | BL13 | BL21 | BL23 | CM11 | CM12 | CM13 | CS11 | FL11 | FO11 | FR11 | FR12 | GL11 |
|--------------------|--------------|------|------|------|------|------|----------|------|------|------|----------|----------|----------|----------|----------|----------|
| FE-0(P,XN)CO-55 | | | | | | | | | | | 0.25E+01 | 0.33E+01 | | 0.27E+01 | 0.14E+01 | 0.19E+01 |
| | | | | | | | | | | | 0.23E+00 | 0.24E+00 | | 0.11E+01 | 0.62E+00 | 0.50E+00 |
| | | | | | | | | | | | 0.34E+01 | 0.35E+00 | | 0.41E+01 | 0.11E+01 | 0.56E+00 |
| FE-0(P,XN)CO-56 | | | | | | | | | | | 0.23E+01 | 0.42E+01 | | 0.16E+01 | 0.35E+01 | 0.27E+01 |
| | | | | | | | | | | | 0.53E+00 | 0.19E+00 | | 0.39E+00 | 0.13E+00 | 0.32E+00 |
| | | | | | | | | | | | 0.65E+01 | 0.69E+00 | | 0.16E+01 | 0.98E+00 | 0.70E+00 |
| FE-0(P,XN)CO-57 | | | | | | | | | | | | | | | | 0.19E+01 |
| | | | | | | | | | | | | | | | | 0.10E+01 |
| | | | | | | | | | | | | | | | | 0.27E+01 |
| FE-0(P,XN)CO-58 | | | | | | | | | | | | | | | | 0.17E+01 |
| | | | | | | | | | | | | | | | | 0.11E+01 |
| | | | | | | | | | | | | | | | | 0.22E+01 |
| CO-59(P,P3N)CO-56 | | | | | | | 0.13E+01 | | | | 0.29E+01 | 0.26E+01 | | | | 0.24E+01 |
| | | | | | | | 0.68E+00 | | | | 0.21E+01 | 0.33E+00 | | | | 0.22E+01 |
| | | | | | | | 0.84E+00 | | | | 0.36E+01 | 0.49E+00 | | | | 0.30E+01 |
| CO-59(P,P2N)CO-57 | | | | | | | 0.12E+01 | | | | 0.14E+01 | 0.12E+01 | | | | 0.25E+01 |
| | | | | | | | 0.84E+00 | | | | 0.10E+01 | 0.74E+00 | | | | 0.22E+01 |
| | | | | | | | 0.91E+00 | | | | 0.16E+01 | 0.10E+01 | | | | 0.36E+01 |
| CO-59(P,PN)CO-58 | | | | | | | 0.11E+01 | | | | 0.17E+01 | 0.13E+01 | | | | 0.28E+01 |
| | | | | | | | 0.91E+00 | | | | 0.64E+00 | 0.58E+00 | | | | 0.21E+01 |
| | | | | | | | 0.98E+00 | | | | 0.23E+01 | 0.96E+00 | | | | 0.48E+01 |
| CO-59(P,4N)NI-56 | | | | | | | | | | | 0.25E+01 | 0.47E+01 | | | | 0.39E+01 |
| | | | | | | | | | | | 0.29E+00 | 0.16E+00 | | | | 0.33E+01 |
| | | | | | | | | | | | 0.60E+00 | 0.29E+00 | | | | 0.48E+01 |
| CO-59(P,3N)NI-57 | | | | | | | 0.17E+01 | | | | 0.19E+01 | 0.52E+01 | | | | 0.18E+01 |
| | | | | | | | 0.52E+00 | | | | 0.24E+00 | 0.15E+00 | | | | 0.12E+01 |
| | | | | | | | 0.64E+00 | | | | 0.25E+01 | 0.26E+00 | | | | 0.25E+01 |
| ZR-0(P,30PXN)NA-22 | | | | | | | | | | | | 0.13E+02 | | | | |
| | | | | | | | | | | | | 0.12E+02 | | | | |
| | | | | | | | | | | | | 0.14E+02 | | | | |
| ZR-0(P,20PXN)SC-46 | | | | | | | | | | | | 0.33E+01 | | | | |
| | | | | | | | | | | | | 0.98E+00 | | | | |
| | | | | | | | | | | | | 0.21E+02 | | | | |
| ZR-0(P,18PXN)V-48 | | | | | | | | | | | | 0.60E+01 | | | | |
| | | | | | | | | | | | | 0.15E+00 | | | | |
| | | | | | | | | | | | | 0.26E+02 | | | | |
| ZR-0(P,17PXN)CR-51 | | | | | | | | | | | | 0.23E+01 | | | | |
| | | | | | | | | | | | | 0.33E+00 | | | | |
| | | | | | | | | | | | | 0.94E+00 | | | | |
| ZR-0(P,16PXN)MN-54 | | | | | | | | | | | | 0.19E+01 | 0.11E+02 | | | |
| | | | | | | | | | | | | 0.72E+00 | 0.34E-01 | | | |

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|--------------------|--------------|------|------|------|------|------|------|------|------|------|------|----------|----------|----------|----------|------|
| | | | | | | | | | | | | 0.52E+01 | 0.52E+00 | | | |
| ZR-0(P,15PXN)FE-59 | | | | | | | | | | | | | 0.51E+01 | 0.12E+02 | 0.93E+01 | |
| | | | | | | | | | | | | | 0.10E+00 | 0.67E-01 | 0.70E-01 | |
| | | | | | | | | | | | | | 0.62E+00 | 0.11E+00 | 0.15E+00 | |
| ZR-0(P,14PXN)CO-56 | | | | | | | | | | | | 0.59E+01 | 0.89E+01 | | | |
| | | | | | | | | | | | | 0.97E-01 | 0.54E-01 | | | |
| | | | | | | | | | | | | 0.44E+00 | 0.38E+00 | | | |
| ZR-0(P,14PXN)CO-57 | | | | | | | | | | | | | 0.30E+01 | | | |
| | | | | | | | | | | | | | 0.33E+00 | | | |
| | | | | | | | | | | | | | 0.33E+00 | | | |
| ZR-0(P,14PXN)CO-58 | | | | | | | | | | | | 0.26E+01 | 0.97E+01 | | | |
| | | | | | | | | | | | | 0.84E+00 | 0.77E-01 | | | |
| | | | | | | | | | | | | 0.10E+02 | 0.14E+00 | | | |
| ZR-0(P,14PXN)CO-60 | | | | | | | | | | | | 0.78E+01 | 0.10E+02 | 0.31E+01 | 0.79E+01 | |
| | | | | | | | | | | | | 0.62E+01 | 0.98E-01 | 0.17E+01 | 0.30E+01 | |
| | | | | | | | | | | | | 0.13E+02 | 0.10E+00 | 0.43E+01 | 0.18E+02 | |
| ZR-0(P,11PXN)ZN-65 | | | | | | | | | | | | 0.16E+01 | 0.58E+01 | | | |
| | | | | | | | | | | | | 0.37E+00 | 0.68E-01 | | | |
| | | | | | | | | | | | | 0.22E+01 | 0.23E+01 | | | |
| ZR-0(P,10PXN)GA-67 | | | | | | | | | | | | 0.14E+01 | 0.47E+01 | | 0.68E+02 | |
| | | | | | | | | | | | | 0.49E+00 | 0.15E+00 | | 0.65E+02 | |
| | | | | | | | | | | | | 0.14E+01 | 0.66E+01 | | 0.70E+02 | |
| ZR-0(P,9PXN)GE-68 | | | | | | | | | | | | | 0.38E+01 | | | |
| | | | | | | | | | | | | | 0.18E+00 | | | |
| | | | | | | | | | | | | | 0.45E+00 | | | |
| ZR-0(P,9PXN)GE-69 | | | | | | | | | | | | 0.17E+01 | 0.46E+01 | | | |
| | | | | | | | | | | | | 0.37E+00 | 0.23E+00 | | | |
| | | | | | | | | | | | | 0.86E+00 | 0.16E+02 | | | |
| ZR-0(P,8PXN)AS-71 | | | | | | | | | | | | 0.12E+01 | 0.13E+02 | 0.47E+02 | 0.93E+02 | |
| | | | | | | | | | | | | 0.67E+00 | 0.19E+00 | 0.35E+02 | 0.68E+02 | |
| | | | | | | | | | | | | 0.12E+01 | 0.16E+03 | 0.59E+02 | 0.14E+03 | |
| ZR-0(P,8PXN)AS-73 | | | | | | | | | | | | | 0.11E+02 | 0.24E+02 | 0.14E+02 | |
| | | | | | | | | | | | | | 0.18E+01 | 0.15E+02 | 0.14E+02 | |
| | | | | | | | | | | | | | 0.29E+02 | 0.37E+02 | 0.14E+02 | |
| ZR-0(P,8PXN)AS-74 | | | | | | | | | | | | 0.40E+01 | 0.36E+01 | 0.18E+01 | 0.20E+01 | |
| | | | | | | | | | | | | 0.26E+01 | 0.51E+00 | 0.41E+00 | 0.97E+00 | |
| | | | | | | | | | | | | 0.50E+01 | 0.88E+01 | 0.25E+01 | 0.52E+01 | |
| ZR-0(P,7PXN)SE-72 | | | | | | | | | | | | | 0.52E+01 | | | |
| | | | | | | | | | | | | | 0.36E+00 | | | |
| | | | | | | | | | | | | | 0.18E+02 | | | |
| ZR-0(P,7PXN)SE-75 | | | | | | | | | | | | 0.13E+01 | 0.97E+01 | 0.18E+02 | 0.29E+02 | |

Table 8, part I: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\min}$ and F_{\max} .

| reaction | contribution | BE11 | BL11 | BL12 | BL13 | BL21 | BL23 | CM11 | CM12 | CM13 | CS11 | FL11 | FO11 | FR11 | FR12 | GL11 |
|-------------------|--------------|------|------|------|------|------|------|------|------|------|------|----------|----------|----------|----------|------|
| | | | | | | | | | | | | 0.73E+00 | 0.23E+00 | 0.41E+01 | 0.62E+01 | |
| | | | | | | | | | | | | 0.15E+01 | 0.50E+02 | 0.54E+02 | 0.15E+03 | |
| ZR-0(P,6PXN)BR-76 | | | | | | | | | | | | | 0.21E+01 | 0.63E+02 | 0.38E+02 | |
| | | | | | | | | | | | | | 0.21E+01 | 0.59E+02 | 0.29E+02 | |
| ZR-0(P,6PXN)BR-77 | | | | | | | | | | | | | 0.21E+01 | 0.68E+02 | 0.49E+02 | |
| | | | | | | | | | | | | 0.14E+01 | 0.46E+01 | 0.13E+02 | 0.38E+02 | |
| | | | | | | | | | | | | 0.48E+00 | 0.13E+00 | 0.57E+01 | 0.11E+02 | |
| ZR-0(P,5PXN)KR-78 | | | | | | | | | | | | 0.11E+01 | 0.14E+01 | 0.31E+02 | 0.97E+02 | |
| | | | | | | | | | | | | 0.13E+01 | | 0.28E+03 | 0.15E+02 | |
| | | | | | | | | | | | | 0.13E+01 | | 0.28E+03 | 0.15E+02 | |
| ZR-0(P,5PXN)KR-79 | | | | | | | | | | | | 0.13E+01 | 0.50E+01 | 0.14E+02 | 0.32E+02 | |
| | | | | | | | | | | | | 0.57E+00 | 0.17E+00 | 0.73E+01 | 0.12E+02 | |
| | | | | | | | | | | | | 0.12E+01 | 0.83E+01 | 0.34E+02 | 0.11E+03 | |
| ZR-0(P,5PXN)KR-80 | | | | | | | | | | | | 0.17E+01 | | 0.22E+01 | 0.13E+01 | |
| | | | | | | | | | | | | 0.17E+01 | | 0.22E+01 | 0.13E+01 | |
| ZR-0(P,5PXN)KR-81 | | | | | | | | | | | | 0.17E+01 | | 0.22E+01 | 0.13E+01 | |
| | | | | | | | | | | | | 0.18E+01 | | 0.16E+01 | 0.20E+01 | |
| | | | | | | | | | | | | 0.18E+01 | | 0.16E+01 | 0.20E+01 | |
| ZR-0(P,5PXN)KR-82 | | | | | | | | | | | | 0.20E+01 | | 0.13E+01 | 0.15E+01 | |
| | | | | | | | | | | | | 0.20E+01 | | 0.13E+01 | 0.15E+01 | |
| ZR-0(P,5PXN)KR-83 | | | | | | | | | | | | 0.20E+01 | | 0.13E+01 | 0.15E+01 | |
| | | | | | | | | | | | | 0.23E+01 | | 0.12E+01 | 0.11E+01 | |
| | | | | | | | | | | | | 0.23E+01 | | 0.12E+01 | 0.11E+01 | |
| ZR-0(P,5PXN)KR-84 | | | | | | | | | | | | 0.30E+01 | | 0.45E+01 | 0.24E+01 | |
| | | | | | | | | | | | | 0.30E+01 | | 0.22E+00 | 0.41E+00 | |
| | | | | | | | | | | | | 0.30E+01 | | 0.22E+00 | 0.41E+00 | |
| ZR-0(P,5PXN)KR-85 | | | | | | | | | | | | 0.18E+01 | | 0.10E+02 | 0.20E+02 | |
| | | | | | | | | | | | | 0.18E+01 | | 0.99E-01 | 0.50E-01 | |
| | | | | | | | | | | | | 0.18E+01 | | 0.99E-01 | 0.50E-01 | |
| ZR-0(P,5PXN)KR-86 | | | | | | | | | | | | 0.11E+01 | | 0.14E+01 | 0.29E+01 | |
| | | | | | | | | | | | | 0.87E+00 | | 0.73E+00 | 0.34E+00 | |
| | | | | | | | | | | | | 0.87E+00 | | 0.73E+00 | 0.34E+00 | |
| ZR-0(P,4PXN)RB-84 | | | | | | | | | | | | 0.26E+01 | 0.20E+01 | 0.38E+01 | 0.28E+01 | |
| | | | | | | | | | | | | 0.23E+01 | 0.82E+00 | 0.18E+00 | 0.25E+00 | |
| | | | | | | | | | | | | 0.30E+01 | 0.24E+01 | 0.37E+00 | 0.51E+00 | |
| ZR-0(P,4PXN)RB-86 | | | | | | | | | | | | 0.74E+01 | 0.76E+01 | 0.24E+01 | 0.26E+01 | |
| | | | | | | | | | | | | 0.69E+01 | 0.45E+01 | 0.34E+00 | 0.29E+00 | |
| | | | | | | | | | | | | 0.78E+01 | 0.12E+02 | 0.55E+00 | 0.60E+00 | |

Table 8, part I: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\min}$ and F_{\max} .

| reaction | contribution | BE11 | BL11 | BL12 | BL13 | BL21 | BL23 | CM11 | CM12 | CM13 | CS11 | FL11 | FO11 | FR11 | FR12 | GL11 |
|-----------------------|--------------|------|------|------|------|------|------|------|------|------|----------|----------|----------|----------|----------|------|
| ZR-0(P,3PXN)SR-82 | | | | | | | | | | | | 0.11E+01 | 0.27E+01 | 0.40E+02 | 0.20E+02 | |
| | | | | | | | | | | | | 0.78E+00 | 0.28E+00 | 0.13E+02 | 0.51E+01 | |
| | | | | | | | | | | | | 0.13E+01 | 0.33E+01 | 0.22E+03 | 0.47E+02 | |
| ZR-0(P,3PXN)SR-83 | | | | | | | | | | | | 0.14E+01 | 0.28E+01 | 0.19E+02 | 0.34E+02 | |
| | | | | | | | | | | | | 0.11E+01 | 0.58E+00 | 0.38E+01 | 0.27E+01 | |
| | | | | | | | | | | | | 0.17E+01 | 0.49E+01 | 0.10E+03 | 0.16E+03 | |
| ZR-0(P,3PXN)SR-85 | | | | | | | | | | | | 0.17E+01 | 0.50E+01 | 0.19E+01 | 0.33E+01 | |
| | | | | | | | | | | | | 0.12E+01 | 0.28E+01 | 0.14E+01 | 0.14E+01 | |
| | | | | | | | | | | | | 0.29E+01 | 0.10E+02 | 0.27E+01 | 0.59E+01 | |
| ZR-0(P,2PXN)Y-86 | | | | | | | | | | | | 0.22E+01 | | 0.55E+01 | 0.38E+01 | |
| | | | | | | | | | | | | 0.15E+01 | | 0.25E+01 | 0.17E+01 | |
| | | | | | | | | | | | | 0.35E+01 | | 0.87E+01 | 0.59E+01 | |
| ZR-0(P,2PXN)Y-87 | | | | | | | | | | | | 0.16E+01 | 0.56E+02 | 0.15E+01 | 0.25E+01 | |
| | | | | | | | | | | | | 0.12E+01 | 0.67E+01 | 0.12E+01 | 0.13E+01 | |
| | | | | | | | | | | | | 0.20E+01 | 0.37E+03 | 0.23E+01 | 0.47E+01 | |
| ZR-0(P,2PXN)Y-88 | | | | | | | | | | | | 0.15E+01 | 0.61E+02 | 0.21E+01 | 0.18E+01 | |
| | | | | | | | | | | | | 0.10E+01 | 0.11E+02 | 0.39E+00 | 0.41E+00 | |
| | | | | | | | | | | | | 0.23E+01 | 0.20E+03 | 0.80E+00 | 0.12E+01 | |
| ZR-0(P,PXN)ZR-86 | | | | | | | | | | | | 0.16E+01 | | 0.25E+02 | 0.63E+01 | |
| | | | | | | | | | | | | 0.44E+00 | | 0.25E+02 | 0.38E+01 | |
| | | | | | | | | | | | | 0.96E+00 | | 0.26E+02 | 0.93E+01 | |
| ZR-0(P,PXN)ZR-88 | | | | | | | | | | | | 0.12E+01 | 0.18E+03 | 0.22E+01 | 0.29E+01 | |
| | | | | | | | | | | | | 0.88E+00 | 0.57E+02 | 0.12E+01 | 0.10E+01 | |
| | | | | | | | | | | | | 0.16E+01 | 0.45E+03 | 0.43E+01 | 0.63E+01 | |
| ZR-0(P,PXN)ZR-89 | | | | | | | | | | | | 0.12E+01 | | 0.12E+01 | 0.16E+01 | |
| | | | | | | | | | | | | 0.60E+00 | | 0.86E+00 | 0.42E+00 | |
| | | | | | | | | | | | | 0.13E+01 | | 0.14E+01 | 0.77E+00 | |
| ZR-0(P,PXN)ZR-95 | | | | | | | | | | | | 0.17E+01 | | | | |
| | | | | | | | | | | | | 0.29E+00 | | | | |
| | | | | | | | | | | | | 0.99E+00 | | | | |
| ZR-0(P,XN)NB-90 | | | | | | | | | | | | 0.13E+01 | | 0.23E+01 | 0.46E+01 | |
| | | | | | | | | | | | | 0.82E+00 | | 0.20E+01 | 0.29E+01 | |
| | | | | | | | | | | | | 0.17E+01 | | 0.26E+01 | 0.66E+01 | |
| ZR-0(P,XN)NB-95 | | | | | | | | | | | | 0.65E+01 | | | | |
| | | | | | | | | | | | | 0.17E+01 | | | | |
| | | | | | | | | | | | | 0.11E+02 | | | | |
| AU-197(P,76PXXN)BE-7 | | | | | | | | | | | 0.10E+02 | 0.19E+03 | | | | |
| | | | | | | | | | | | 0.17E+01 | 0.10E+03 | | | | |
| | | | | | | | | | | | 0.28E+02 | 0.30E+03 | | | | |
| AU-197(P,69PXXN)NA-22 | | | | | | | | | | | 0.61E+01 | 0.20E+01 | | | | |
| | | | | | | | | | | | 0.23E-01 | 0.37E+00 | | | | |

Table 8, part I: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\min}$ and F_{\max} .

| reaction | contribution | BE11 | BL11 | BL12 | BL13 | BL21 | BL23 | CM11 | CM12 | CM13 | CS11 | FL11 | FO11 | FR11 | FR12 | GL11 |
|-----------------------|--------------|------|------|------|------|------|------|------|------|------|----------|----------|------|----------|----------|------|
| | | | | | | | | | | | 0.18E+01 | 0.13E+01 | | | | |
| AU-197(P,69PXXN)NA-24 | | | | | | | | | | | 0.81E+01 | 0.32E+01 | | | | |
| | | | | | | | | | | | 0.72E-02 | 0.88E-01 | | | | |
| | | | | | | | | | | | 0.69E+01 | 0.14E+02 | | | | |
| AU-197(P,59P93N)SC-46 | | | | | | | | | | | 0.60E+01 | 0.37E+01 | | | | |
| | | | | | | | | | | | 0.15E+00 | 0.18E+00 | | | | |
| | | | | | | | | | | | 0.54E+02 | 0.71E+00 | | | | |
| AU-197(P,55P89N)MN-54 | | | | | | | | | | | 0.41E+01 | 0.45E+01 | | | | |
| | | | | | | | | | | | 0.53E-01 | 0.15E+00 | | | | |
| | | | | | | | | | | | 0.18E+01 | 0.52E+00 | | | | |
| AU-197(P,54P85N)FE-59 | | | | | | | | | | | 0.76E+01 | 0.18E+01 | | | 0.20E+01 | |
| | | | | | | | | | | | 0.61E+00 | 0.38E+00 | | | 0.32E+00 | |
| | | | | | | | | | | | 0.30E+02 | 0.14E+01 | | | 0.81E+00 | |
| AU-197(P,53P87N)CO-58 | | | | | | | | | | | 0.75E+01 | 0.33E+01 | | | | |
| | | | | | | | | | | | 0.53E+01 | 0.23E+00 | | | | |
| | | | | | | | | | | | 0.10E+02 | 0.61E+00 | | | | |
| AU-197(P,53P85N)CO-60 | | | | | | | | | | | 0.51E+01 | 0.20E+01 | | | | |
| | | | | | | | | | | | 0.55E+00 | 0.32E+00 | | | | |
| | | | | | | | | | | | 0.45E+02 | 0.11E+01 | | | | |
| AU-197(P,50P83N)ZN-65 | | | | | | | | | | | 0.27E+01 | 0.26E+01 | | | | |
| | | | | | | | | | | | 0.16E+01 | 0.23E+00 | | | | |
| | | | | | | | | | | | 0.36E+01 | 0.99E+00 | | | | |
| AU-197(P,47P77N)AS-74 | | | | | | | | | | | 0.37E+01 | 0.17E+01 | | | | |
| | | | | | | | | | | | 0.22E+01 | 0.37E+00 | | | | |
| | | | | | | | | | | | 0.12E+02 | 0.15E+01 | | | | |
| AU-197(P,46P77N)SE-75 | | | | | | | | | | | 0.22E+01 | 0.22E+01 | | | | |
| | | | | | | | | | | | 0.14E+01 | 0.29E+00 | | | | |
| | | | | | | | | | | | 0.30E+01 | 0.12E+01 | | | | |
| AU-197(P,45P71N)BR-82 | | | | | | | | | | | | | | 0.20E+01 | 0.20E+01 | |
| | | | | | | | | | | | | | | 0.11E+01 | 0.97E+00 | |
| | | | | | | | | | | | | | | 0.35E+01 | 0.42E+01 | |
| AU-197(P,43P71N)RB-84 | | | | | | | | | | | 0.15E+02 | 0.19E+01 | | | | |
| | | | | | | | | | | | 0.87E+01 | 0.47E+00 | | | | |
| | | | | | | | | | | | 0.23E+02 | 0.26E+01 | | | | |
| AU-197(P,43P69N)RB-86 | | | | | | | | | | | 0.30E+02 | 0.45E+01 | | 0.22E+01 | 0.44E+01 | |
| | | | | | | | | | | | 0.23E+02 | 0.40E+01 | | 0.22E+01 | 0.31E+01 | |
| | | | | | | | | | | | 0.40E+02 | 0.57E+01 | | 0.22E+01 | 0.59E+01 | |
| AU-197(P,42P71N)SR-85 | | | | | | | | | | | 0.49E+01 | 0.15E+01 | | | | |
| | | | | | | | | | | | 0.36E+01 | 0.54E+00 | | | | |
| | | | | | | | | | | | 0.67E+01 | 0.18E+01 | | | | |
| AU-197(P,41P70N)Y-87 | | | | | | | | | | | 0.36E+01 | 0.16E+01 | | | | |

Table 8, part I: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\min} \rangle$ and F_{\max} .

| reaction | contribution | BE11 | BL11 | BL12 | BL13 | BL21 | BL23 | CM11 | CM12 | CM13 | CS11 | FL11 | FO11 | FR11 | FR12 | GL11 |
|------------------------|--------------|------|------|------|------|------|------|------|------|------|----------|----------|------|----------|----------|------|
| | | | | | | | | | | | 0.20E+01 | 0.55E+00 | | | | |
| | | | | | | | | | | | 0.57E+01 | 0.20E+01 | | | | |
| AU-197(P,41P69N)Y-88 | | | | | | | | | | | 0.20E+01 | 0.34E+01 | | | | |
| | | | | | | | | | | | 0.45E+00 | 0.12E+00 | | | | |
| | | | | | | | | | | | 0.29E+01 | 0.88E+00 | | | | |
| AU-197(P,40P70N)ZR-88 | | | | | | | | | | | 0.32E+01 | 0.16E+01 | | | | |
| | | | | | | | | | | | 0.16E+01 | 0.38E+00 | | | | |
| | | | | | | | | | | | 0.57E+01 | 0.15E+01 | | | | |
| AU-197(P,40P69N)ZR-89 | | | | | | | | | | | | 0.17E+01 | | | | |
| | | | | | | | | | | | | 0.38E+00 | | | | |
| | | | | | | | | | | | | 0.18E+01 | | | | |
| AU-197(P,40P63N)ZR-95 | | | | | | | | | | | | 0.60E+01 | | 0.19E+01 | 0.17E+01 | |
| | | | | | | | | | | | | 0.46E+01 | | 0.40E+00 | 0.38E+00 | |
| | | | | | | | | | | | | 0.11E+02 | | 0.19E+01 | 0.95E+00 | |
| AU-197(P,39P64N)NB-95 | | | | | | | | | | | | 0.34E+01 | | | 0.43E+01 | |
| | | | | | | | | | | | | 0.26E+01 | | | 0.30E+01 | |
| | | | | | | | | | | | | 0.45E+01 | | | 0.61E+01 | |
| AU-197(P,37P65N)TC-96 | | | | | | | | | | | 0.31E+01 | 0.18E+01 | | | | |
| | | | | | | | | | | | 0.11E+01 | 0.25E+00 | | | | |
| | | | | | | | | | | | 0.74E+01 | 0.12E+01 | | | | |
| AU-197(P,36P59N)RU-103 | | | | | | | | | | | 0.85E+01 | 0.40E+01 | | | 0.13E+01 | |
| | | | | | | | | | | | 0.51E+01 | 0.29E+01 | | | 0.11E+01 | |
| | | | | | | | | | | | 0.14E+02 | 0.53E+01 | | | 0.17E+01 | |
| AU-197(P,35P61N)RH-102 | | | | | | | | | | | 0.35E+01 | 0.16E+01 | | | | |
| | | | | | | | | | | | 0.42E+00 | 0.40E+00 | | | | |
| | | | | | | | | | | | 0.62E+01 | 0.14E+01 | | | | |
| AU-197(P,33P60N)AG-105 | | | | | | | | | | | 0.11E+02 | 0.18E+01 | | | | |
| | | | | | | | | | | | 0.11E+01 | 0.46E+00 | | | | |
| | | | | | | | | | | | 0.52E+02 | 0.16E+01 | | | | |
| AU-197(P,30P55N)SN-113 | | | | | | | | | | | 0.34E+01 | 0.29E+01 | | | | |
| | | | | | | | | | | | 0.12E+01 | 0.14E+00 | | | | |
| | | | | | | | | | | | 0.11E+02 | 0.17E+01 | | | | |
| AU-197(P,28P49N)TE-121 | | | | | | | | | | | 0.22E+01 | 0.19E+01 | | | | |
| | | | | | | | | | | | 0.90E+00 | 0.30E+00 | | | | |
| | | | | | | | | | | | 0.40E+01 | 0.15E+01 | | | | |
| AU-197(P,26P45N)XE-127 | | | | | | | | | | | 0.21E+02 | 0.41E+01 | | | | |
| | | | | | | | | | | | 0.93E+01 | 0.12E+00 | | | | |
| | | | | | | | | | | | 0.42E+02 | 0.49E+00 | | | | |
| AU-197(P,24P43N)BA-131 | | | | | | | | | | | 0.90E+02 | 0.30E+01 | | | | |
| | | | | | | | | | | | 0.82E+01 | 0.17E+00 | | | | |
| | | | | | | | | | | | 0.20E+03 | 0.82E+00 | | | | |

Table 8, part I: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\min} \rangle$ and F_{\max} .

| reaction | contribution | BE11 | BL11 | BL12 | BL13 | BL21 | BL23 | CM11 | CM12 | CM13 | CS11 | FL11 | FO11 | FR11 | FR12 | GL11 |
|------------------------|--------------|------|------|------|------|------|------|------|------|------|----------|----------|------|------|----------|------|
| AU-197(P,22P37N)CE-139 | | | | | | | | | | | 0.14E+02 | 0.46E+01 | | | | |
| | | | | | | | | | | | 0.12E+01 | 0.62E-01 | | | | |
| | | | | | | | | | | | 0.37E+02 | 0.96E+00 | | | | |
| AU-197(P,17P36N)EU-145 | | | | | | | | | | | 0.33E+01 | 0.43E+01 | | | | |
| | | | | | | | | | | | 0.14E+01 | 0.86E-01 | | | | |
| | | | | | | | | | | | 0.47E+01 | 0.15E+01 | | | | |
| AU-197(P,17P34N)EU-147 | | | | | | | | | | | 0.54E+02 | 0.33E+01 | | | | |
| | | | | | | | | | | | 0.34E+02 | 0.17E+00 | | | | |
| | | | | | | | | | | | 0.77E+02 | 0.18E+01 | | | | |
| AU-197(P,17P33N)EU-148 | | | | | | | | | | | 0.22E+01 | 0.77E+01 | | | | |
| | | | | | | | | | | | 0.10E+01 | 0.65E-01 | | | | |
| | | | | | | | | | | | 0.31E+01 | 0.42E+00 | | | | |
| AU-197(P,17P32N)EU-149 | | | | | | | | | | | | 0.21E+01 | | | | |
| | | | | | | | | | | | | 0.47E+00 | | | | |
| | | | | | | | | | | | | 0.26E+01 | | | | |
| AU-197(P,16P36N)GD-146 | | | | | | | | | | | 0.10E+02 | 0.35E+01 | | | | |
| | | | | | | | | | | | 0.11E+01 | 0.13E+00 | | | | |
| | | | | | | | | | | | 0.20E+02 | 0.22E+01 | | | | |
| AU-197(P,16P35N)GD-147 | | | | | | | | | | | | 0.19E+01 | | | | |
| | | | | | | | | | | | | 0.50E+00 | | | | |
| | | | | | | | | | | | | 0.25E+01 | | | | |
| AU-197(P,16P33N)GD-149 | | | | | | | | | | | 0.76E+01 | 0.31E+01 | | | | |
| | | | | | | | | | | | 0.55E+01 | 0.18E+00 | | | | |
| | | | | | | | | | | | 0.99E+01 | 0.30E+01 | | | | |
| AU-197(P,16P31N)GD-151 | | | | | | | | | | | 0.16E+02 | 0.20E+01 | | | | |
| | | | | | | | | | | | 0.79E+01 | 0.35E+00 | | | | |
| | | | | | | | | | | | 0.50E+02 | 0.20E+01 | | | | |
| AU-197(P,16P29N)GD-153 | | | | | | | | | | | 0.58E+02 | 0.35E+01 | | | 0.12E+01 | |
| | | | | | | | | | | | 0.21E+01 | 0.89E-01 | | | 0.96E+00 | |
| | | | | | | | | | | | 0.18E+03 | 0.14E+01 | | | 0.13E+01 | |
| AU-197(P,15P34N)TB-149 | | | | | | | | | | | 0.24E+01 | 0.20E+02 | | | | |
| | | | | | | | | | | | 0.16E+00 | 0.80E-02 | | | | |
| | | | | | | | | | | | 0.30E+01 | 0.30E+00 | | | | |
| AU-197(P,15P32N)TB-151 | | | | | | | | | | | 0.22E+02 | 0.69E+01 | | | | |
| | | | | | | | | | | | 0.13E+02 | 0.38E+00 | | | | |
| | | | | | | | | | | | 0.39E+02 | 0.13E+03 | | | | |
| AU-197(P,15P30N)TB-153 | | | | | | | | | | | | 0.31E+01 | | | | |
| | | | | | | | | | | | | 0.14E+00 | | | | |
| | | | | | | | | | | | | 0.14E+01 | | | | |
| AU-197(P,11P22N)TM-165 | | | | | | | | | | | 0.77E+02 | 0.22E+01 | | | 0.17E+01 | |
| | | | | | | | | | | | 0.23E+02 | 0.11E+01 | | | 0.17E+01 | |

Table 8, part I: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\min}$ and F_{\max} .

| reaction | contribution | BE11 | BL11 | BL12 | BL13 | BL21 | BL23 | CM11 | CM12 | CM13 | CS11 | FL11 | FO11 | FR11 | FR12 | GL11 |
|------------------------|--------------|------|------|------|------|------|------|------|------|------|----------|----------|----------|----------|----------|------|
| | | | | | | | | | | | 0.19E+03 | 0.24E+01 | | | 0.17E+01 | |
| AU-197(P,11P20N)TM-167 | | | | | | | | | | | 0.92E+02 | 0.51E+01 | | | 0.37E+01 | |
| | | | | | | | | | | | 0.73E+02 | 0.28E+00 | | | 0.21E+00 | |
| | | | | | | | | | | | 0.11E+03 | 0.15E+03 | | | 0.15E+02 | |
| AU-197(P,11P19N)TM-168 | | | | | | | | | | | 0.47E+01 | 0.92E+01 | | 0.22E+02 | 0.14E+02 | |
| | | | | | | | | | | | 0.21E+00 | 0.39E+01 | | 0.32E-01 | 0.32E-01 | |
| | | | | | | | | | | | 0.21E+00 | 0.12E+02 | | 0.73E-01 | 0.18E+00 | |
| AU-197(P,10P22N)YB-166 | | | | | | | | | | | 0.25E+02 | 0.27E+01 | | | 0.35E+01 | |
| | | | | | | | | | | | 0.10E+01 | 0.14E+00 | | | 0.21E+01 | |
| | | | | | | | | | | | 0.90E+02 | 0.22E+01 | | | 0.62E+01 | |
| AU-197(P,10P19N)YB-169 | | | | | | | | | | | 0.18E+02 | 0.23E+01 | | | 0.21E+01 | |
| | | | | | | | | | | | 0.12E+01 | 0.21E+00 | | | 0.11E+01 | |
| | | | | | | | | | | | 0.62E+02 | 0.25E+01 | | | 0.60E+01 | |
| AU-197(P,9P20N)LU-169 | | | | | | | | | | | 0.17E+02 | 0.28E+01 | | 0.28E+02 | 0.22E+02 | |
| | | | | | | | | | | | 0.23E+01 | 0.16E+00 | | 0.67E+01 | 0.63E+01 | |
| | | | | | | | | | | | 0.36E+02 | 0.33E+01 | | 0.77E+02 | 0.52E+02 | |
| AU-197(P,9P19N)LU-170 | | | | | | | | | | | 0.40E+02 | 0.25E+01 | | | 0.33E+01 | |
| | | | | | | | | | | | 0.12E+02 | 0.22E+00 | | | 0.81E+00 | |
| | | | | | | | | | | | 0.18E+03 | 0.20E+01 | | | 0.86E+01 | |
| AU-197(P,9P18N)LU-171 | | | | | | | | | | | 0.36E+02 | 0.32E+01 | 0.21E+01 | 0.49E+01 | 0.45E+01 | |
| | | | | | | | | | | | 0.16E+01 | 0.86E-01 | 0.19E+01 | 0.56E+00 | 0.18E-01 | |
| | | | | | | | | | | | 0.24E+03 | 0.41E+01 | 0.22E+01 | 0.97E+01 | 0.27E+01 | |
| AU-197(P,9P16N)LU-173 | | | | | | | | | | | 0.26E+02 | 0.34E+01 | 0.44E+01 | 0.36E+01 | 0.35E+01 | |
| | | | | | | | | | | | 0.22E+01 | 0.14E+00 | 0.41E+01 | 0.63E-01 | 0.53E-01 | |
| | | | | | | | | | | | 0.62E+02 | 0.49E+01 | 0.48E+01 | 0.44E+01 | 0.37E+01 | |
| AU-197(P,8P18N)HF-172 | | | | | | | | | | | 0.22E+02 | 0.35E+01 | | 0.78E+01 | 0.52E+01 | |
| | | | | | | | | | | | 0.42E+00 | 0.45E-01 | | 0.84E+00 | 0.16E-01 | |
| | | | | | | | | | | | 0.48E+02 | 0.20E+01 | | 0.16E+02 | 0.61E+01 | |
| AU-197(P,8P17N)HF-173 | | | | | | | | | | | 0.21E+02 | 0.25E+01 | | | 0.29E+01 | |
| | | | | | | | | | | | 0.50E+01 | 0.14E+00 | | | 0.15E+00 | |
| | | | | | | | | | | | 0.59E+02 | 0.29E+01 | | | 0.21E+01 | |
| AU-197(P,8P15N)HF-175 | | | | | | | | | | | 0.61E+02 | 0.24E+01 | 0.47E+01 | 0.82E+01 | 0.37E+01 | |
| | | | | | | | | | | | 0.16E+02 | 0.12E+00 | 0.18E+00 | 0.81E+00 | 0.57E-01 | |
| | | | | | | | | | | | 0.18E+03 | 0.23E+01 | 0.39E+01 | 0.22E+02 | 0.11E+02 | |
| AU-197(P,7P9N)TA-182 | | | | | | | | | | | | | | 0.22E+01 | 0.97E+01 | |
| | | | | | | | | | | | | | | 0.30E+00 | 0.79E-01 | |
| | | | | | | | | | | | | | | 0.80E+00 | 0.14E+00 | |
| AU-197(P,6P14N)W-178 | | | | | | | | | | | | | | | 0.59E+01 | |
| | | | | | | | | | | | | | | | 0.29E+01 | |
| | | | | | | | | | | | | | | | 0.14E+02 | |
| AU-197(P,5P12N)RE-181 | | | | | | | | | | | | 0.16E+01 | 0.43E+01 | | 0.78E+01 | |

Table 8, part I: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\min}$ and F_{\max} .

| reaction | contribution | BE11 | BL11 | BL12 | BL13 | BL21 | BL23 | CM11 | CM12 | CM13 | CS11 | FL11 | FO11 | FR11 | FR12 | GL11 |
|-----------------------|--------------|------|------|------|------|----------|------|------|------|------|----------|----------|----------|----------|----------|------|
| | | | | | | | | | | | | 0.58E+00 | 0.14E+01 | | 0.58E+00 | |
| | | | | | | | | | | | | 0.26E+01 | 0.94E+01 | | 0.23E+03 | |
| AU-197(P,5P11N)RE-182 | | | | | | | | | | | | 0.34E+01 | | 0.27E+02 | 0.22E+02 | |
| | | | | | | | | | | | | 0.13E+00 | | 0.17E-01 | 0.24E-01 | |
| | | | | | | | | | | | | 0.15E+01 | | 0.10E+00 | 0.11E+00 | |
| AU-197(P,5P10N)RE-183 | | | | | | 0.15E+03 | | | | | 0.15E+02 | 0.16E+01 | | 0.12E+01 | 0.13E+01 | |
| | | | | | | 0.13E+03 | | | | | 0.42E+01 | 0.76E+00 | | 0.78E+00 | 0.80E+00 | |
| | | | | | | 0.18E+03 | | | | | 0.62E+02 | 0.21E+01 | | 0.14E+01 | 0.14E+01 | |
| AU-197(P,4P12N)OS-182 | | | | | | | | | | | 0.49E+01 | 0.17E+01 | 0.58E+01 | 0.16E+02 | 0.25E+01 | |
| | | | | | | | | | | | 0.27E+01 | 0.47E+00 | 0.13E+00 | 0.38E+01 | 0.56E+00 | |
| | | | | | | | | | | | 0.77E+01 | 0.27E+01 | 0.24E+00 | 0.93E+02 | 0.54E+01 | |
| AU-197(P,4P9N)OS-185 | | | | | | 0.59E+01 | | | | | 0.26E+01 | 0.18E+01 | 0.24E+01 | 0.14E+02 | 0.97E+01 | |
| | | | | | | 0.59E+01 | | | | | 0.14E+01 | 0.96E+00 | 0.25E+00 | 0.82E+00 | 0.26E+01 | |
| | | | | | | 0.59E+01 | | | | | 0.39E+01 | 0.27E+01 | 0.64E+00 | 0.70E+02 | 0.34E+02 | |
| AU-197(P,4P3N)OS-191 | | | | | | | | | | | 0.25E+01 | 0.49E+02 | | 0.23E+01 | 0.40E+01 | |
| | | | | | | | | | | | 0.17E+00 | 0.11E+02 | | 0.28E+00 | 0.82E-01 | |
| | | | | | | | | | | | 0.85E+00 | 0.15E+03 | | 0.61E+00 | 0.11E+01 | |
| AU-197(P,3P10N)IR-185 | | | | | | 0.52E+01 | | | | | 0.30E+01 | 0.17E+01 | 0.31E+01 | 0.18E+02 | 0.20E+01 | |
| | | | | | | 0.29E+01 | | | | | 0.67E+00 | 0.33E+00 | 0.12E+00 | 0.31E+01 | 0.77E+00 | |
| | | | | | | 0.80E+01 | | | | | 0.51E+01 | 0.18E+01 | 0.86E+00 | 0.63E+02 | 0.32E+01 | |
| AU-197(P,3P9N)IR-186 | | | | | | 0.24E+02 | | | | | 0.21E+01 | 0.42E+01 | 0.82E+01 | 0.21E+01 | 0.27E+01 | |
| | | | | | | 0.23E+02 | | | | | 0.14E+01 | 0.31E+01 | 0.21E+01 | 0.17E+01 | 0.23E+01 | |
| | | | | | | 0.25E+02 | | | | | 0.33E+01 | 0.55E+01 | 0.23E+02 | 0.25E+01 | 0.32E+01 | |
| AU-197(P,3P8N)IR-187 | | | | | | | | | | | 0.63E+01 | 0.16E+01 | | 0.73E+01 | 0.12E+01 | |
| | | | | | | | | | | | 0.41E+01 | 0.11E+01 | | 0.98E+00 | 0.90E+00 | |
| | | | | | | | | | | | 0.90E+01 | 0.21E+01 | | 0.31E+02 | 0.13E+01 | |
| AU-197(P,3P7N)IR-188 | | | | | | | | | | | 0.21E+01 | 0.44E+01 | | 0.34E+01 | 0.26E+01 | |
| | | | | | | | | | | | 0.64E+00 | 0.23E+01 | | 0.16E+00 | 0.21E+00 | |
| | | | | | | | | | | | 0.58E+01 | 0.96E+01 | | 0.11E+01 | 0.41E+01 | |
| AU-197(P,3P6N)IR-189 | | | | | | 0.11E+01 | | | | | 0.62E+01 | 0.18E+01 | | 0.20E+01 | 0.17E+01 | |
| | | | | | | 0.88E+00 | | | | | 0.45E+01 | 0.98E+00 | | 0.13E+01 | 0.12E+01 | |
| | | | | | | 0.10E+01 | | | | | 0.12E+02 | 0.36E+01 | | 0.30E+01 | 0.22E+01 | |
| AU-197(P,3P5N)IR-190 | | | | | | 0.51E+01 | | | | | 0.30E+01 | 0.18E+01 | | 0.42E+01 | 0.23E+01 | |
| | | | | | | 0.40E+01 | | | | | 0.20E+00 | 0.61E+00 | | 0.87E-01 | 0.20E+00 | |
| | | | | | | 0.57E+01 | | | | | 0.65E+00 | 0.27E+01 | | 0.10E+01 | 0.11E+01 | |
| AU-197(P,3P3N)IR-192 | | | | | | 0.36E+01 | | | | | 0.50E+01 | 0.15E+01 | | 0.14E+01 | 0.18E+01 | |
| | | | | | | 0.35E+01 | | | | | 0.68E-01 | 0.11E+01 | | 0.56E+00 | 0.34E+00 | |
| | | | | | | 0.36E+01 | | | | | 0.49E+00 | 0.22E+01 | | 0.13E+01 | 0.12E+01 | |
| AU-197(P,2P8N)PT-188 | | | | | | 0.11E+01 | | | | | 0.32E+01 | 0.15E+01 | 0.51E+01 | 0.15E+02 | 0.38E+01 | |
| | | | | | | 0.94E+00 | | | | | 0.25E+01 | 0.10E+01 | 0.74E+00 | 0.16E+01 | 0.90E+00 | |
| | | | | | | 0.11E+01 | | | | | 0.50E+01 | 0.24E+01 | 0.14E+02 | 0.92E+02 | 0.25E+02 | |

Table 8, part I: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\min} \rangle$ and F_{\max} .

| reaction | contribution | BE11 | BL11 | BL12 | BL13 | BL21 | BL23 | CM11 | CM12 | CM13 | CS11 | FL11 | FO11 | FR11 | FR12 | GL11 |
|----------------------|--------------|------|------|------|------|----------|------|------|------|------|----------|----------|------|----------|----------|------|
| AU-197(P,2P7N)PT-189 | | | | | | 0.30E+01 | | | | | | 0.29E+01 | | 0.24E+02 | 0.96E+01 | |
| | | | | | | 0.30E+01 | | | | | | 0.27E+01 | | 0.51E+01 | 0.21E+01 | |
| | | | | | | 0.30E+01 | | | | | | 0.30E+01 | | 0.49E+02 | 0.26E+02 | |
| AU-197(P,2P5N)PT-191 | | | | | | 0.13E+01 | | | | | 0.23E+01 | 0.13E+01 | | 0.11E+01 | 0.11E+01 | |
| | | | | | | 0.70E+00 | | | | | 0.14E+01 | 0.99E+00 | | 0.87E+00 | 0.84E+00 | |
| | | | | | | 0.82E+00 | | | | | 0.36E+01 | 0.18E+01 | | 0.11E+01 | 0.13E+01 | |
| AU-197(P,P4N)AU-193 | | | | | | 0.10E+01 | | | | | 0.21E+01 | 0.23E+01 | | 0.14E+01 | 0.18E+01 | |
| | | | | | | 0.97E+00 | | | | | 0.83E+00 | 0.20E+01 | | 0.76E+00 | 0.84E+00 | |
| | | | | | | 0.97E+00 | | | | | 0.29E+01 | 0.28E+01 | | 0.17E+01 | 0.36E+01 | |
| AU-197(P,P3N)AU-194 | | | | | | 0.14E+01 | | | | | 0.13E+01 | 0.16E+01 | | 0.13E+01 | 0.23E+01 | |
| | | | | | | 0.64E+00 | | | | | 0.75E+00 | 0.10E+01 | | 0.61E+00 | 0.90E+00 | |
| | | | | | | 0.90E+00 | | | | | 0.15E+01 | 0.24E+01 | | 0.17E+01 | 0.10E+02 | |
| AU-197(P,P2N)AU-195 | | | | | | 0.14E+01 | | | | | 0.18E+01 | 0.17E+01 | | 0.14E+01 | 0.14E+01 | |
| | | | | | | 0.72E+00 | | | | | 0.13E+01 | 0.11E+01 | | 0.76E+00 | 0.97E+00 | |
| | | | | | | 0.72E+00 | | | | | 0.23E+01 | 0.22E+01 | | 0.17E+01 | 0.18E+01 | |
| AU-197(P,PN)AU-196 | | | | | | 0.13E+01 | | | | | 0.12E+01 | 0.12E+01 | | 0.17E+01 | 0.14E+01 | |
| | | | | | | 0.12E+01 | | | | | 0.77E+00 | 0.69E+00 | | 0.12E+01 | 0.41E+00 | |
| | | | | | | 0.15E+01 | | | | | 0.15E+01 | 0.11E+01 | | 0.28E+01 | 0.10E+01 | |

Table 8, part II: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\text{min}} \rangle$ and F_{max} .

| reaction | contribution | GL12 | IS11 | KA11 | KO11 | LA11 | MA11 | MI11 | MI21 | SH11 | SH21 | SH31 | SO11 | TA11 | YO11 |
|---------------------|--------------|----------|----------|----------|------|----------|----------|----------|----------|------|----------|----------|----------|----------|----------|
| O-0(P,5PXN)BE-7 | | | 0.33E+02 | | | 0.28E+01 | 0.51E+01 | 0.12E+02 | 0.12E+01 | | | | 0.12E+01 | 0.17E+02 | 0.26E+01 |
| | | | 0.93E+01 | | | 0.30E+00 | 0.34E+01 | 0.94E+01 | 0.94E+00 | | | | 0.65E+00 | 0.88E+01 | 0.24E+01 |
| | | | 0.98E+03 | | | 0.41E+00 | 0.80E+01 | 0.15E+02 | 0.13E+01 | | | | 0.10E+01 | 0.24E+02 | 0.30E+01 |
| O-0(P,5PXN)BE-10 | | | 0.35E+02 | | | 0.39E+01 | 0.42E+01 | 0.98E+01 | 0.19E+01 | | | | 0.32E+01 | 0.47E+01 | 0.17E+01 |
| | | | 0.40E+01 | | | 0.16E+00 | 0.13E+00 | 0.48E+01 | 0.13E+01 | | | | 0.18E+00 | 0.13E+01 | 0.10E+01 |
| | | | 0.62E+03 | | | 0.35E+00 | 0.50E+00 | 0.21E+02 | 0.25E+01 | | | | 0.46E+00 | 0.89E+01 | 0.24E+01 |
| O-0(P,3PXN)C-14 | | | 0.15E+01 | | | 0.19E+01 | 0.44E+01 | 0.15E+01 | 0.21E+01 | | | | 0.16E+01 | 0.15E+01 | 0.16E+01 |
| | | | 0.60E+00 | | | 0.46E+00 | 0.19E+00 | 0.56E+00 | 0.41E+00 | | | | 0.53E+00 | 0.78E+00 | 0.56E+00 |
| | | | 0.83E+00 | | | 0.58E+00 | 0.27E+00 | 0.11E+01 | 0.58E+00 | | | | 0.81E+00 | 0.16E+01 | 0.80E+00 |
| AL-27(P,13PXN)H-3 | | | 0.20E+01 | 0.23E+01 | | 0.16E+01 | 0.18E+01 | 0.16E+01 | | | | | 0.14E+01 | 0.15E+01 | 0.15E+01 |
| | | | 0.12E+01 | 0.32E+00 | | 0.85E+00 | 0.37E+00 | 0.11E+01 | | | | | 0.67E+00 | 0.10E+01 | 0.84E+00 |
| | | | 0.25E+01 | 0.67E+00 | | 0.20E+01 | 0.11E+01 | 0.23E+01 | | | | | 0.14E+01 | 0.21E+01 | 0.17E+01 |
| AL-27(P,12PXN)HE-3 | | | 0.21E+01 | 0.22E+01 | | 0.16E+01 | 0.14E+01 | 0.14E+01 | | | | | 0.17E+01 | 0.21E+01 | 0.15E+01 |
| | | | 0.12E+01 | 0.30E+00 | | 0.84E+00 | 0.67E+00 | 0.89E+00 | | | | | 0.12E+01 | 0.16E+01 | 0.98E+00 |
| | | | 0.27E+01 | 0.65E+00 | | 0.19E+01 | 0.23E+01 | 0.20E+01 | | | | | 0.23E+01 | 0.28E+01 | 0.21E+01 |
| AL-27(P,12PXN)HE-4 | | | 0.20E+01 | 0.11E+01 | | 0.13E+01 | 0.21E+01 | 0.17E+01 | | | | | | 0.18E+01 | 0.12E+01 |
| | | | 0.16E+01 | 0.80E+00 | | 0.86E+00 | 0.15E+01 | 0.13E+01 | | | | | | 0.15E+01 | 0.73E+00 |
| | | | 0.23E+01 | 0.11E+01 | | 0.16E+01 | 0.43E+01 | 0.19E+01 | | | | | | 0.22E+01 | 0.11E+01 |
| AL-27(P,10P11N)BE-7 | | | 0.28E+03 | 0.39E+02 | | 0.13E+01 | 0.21E+03 | 0.12E+03 | 0.15E+01 | | 0.44E+02 | | 0.26E+01 | 0.44E+01 | 0.13E+02 |
| | | | 0.64E+01 | 0.51E+01 | | 0.41E+00 | 0.70E+02 | 0.14E+02 | 0.91E+00 | | 0.12E+02 | | 0.67E+00 | 0.15E+01 | 0.37E+01 |
| | | | 0.32E+04 | 0.13E+03 | | 0.16E+01 | 0.48E+03 | 0.57E+03 | 0.19E+01 | | 0.10E+03 | | 0.54E+01 | 0.18E+02 | 0.55E+02 |
| AL-27(P,10P8N)BE-10 | | | 0.12E+03 | 0.16E+01 | | 0.20E+01 | 0.45E+02 | 0.49E+02 | 0.18E+01 | | 0.23E+01 | 0.31E+01 | 0.18E+01 | 0.46E+01 | 0.39E+01 |
| | | | 0.63E+01 | 0.50E+00 | | 0.31E+00 | 0.23E+02 | 0.15E+02 | 0.11E+01 | | 0.28E+00 | 0.21E+01 | 0.46E+00 | 0.76E+00 | 0.19E+01 |
| | | | 0.21E+04 | 0.25E+01 | | 0.16E+01 | 0.12E+03 | 0.24E+03 | 0.25E+01 | | 0.11E+01 | 0.51E+01 | 0.24E+01 | 0.15E+02 | 0.77E+01 |
| AL-27(P,4PXN)NE-20 | 0.22E+01 | | | | | | 0.14E+01 | 0.18E+01 | 0.13E+01 | | | | | | 0.12E+01 |
| | 0.18E+01 | | | | | | 0.10E+01 | 0.13E+01 | 0.10E+01 | | | | | | 0.73E+00 |
| | 0.29E+01 | | | | | | 0.17E+01 | 0.22E+01 | 0.15E+01 | | | | | | 0.13E+01 |
| AL-27(P,4PXN)NE-21 | 0.22E+01 | | | | | | 0.14E+01 | 0.28E+01 | 0.12E+01 | | | | | | 0.13E+01 |
| | 0.18E+01 | | | | | | 0.98E+00 | 0.20E+01 | 0.78E+00 | | | | | | 0.91E+00 |
| | 0.29E+01 | | | | | | 0.17E+01 | 0.34E+01 | 0.14E+01 | | | | | | 0.15E+01 |
| AL-27(P,4PXN)NE-22 | 0.15E+01 | | | | | | 0.34E+01 | 0.35E+01 | 0.15E+01 | | | | | | 0.16E+01 |
| | 0.10E+01 | | | | | | 0.22E+01 | 0.21E+01 | 0.76E+00 | | | | | | 0.92E+00 |
| | 0.19E+01 | | | | | | 0.50E+01 | 0.59E+01 | 0.24E+01 | | | | | | 0.23E+01 |
| AL-27(P,3P3N)NA-22 | 0.14E+01 | 0.12E+01 | 0.14E+01 | | | 0.30E+01 | 0.14E+01 | 0.12E+01 | 0.12E+01 | | 0.21E+01 | 0.24E+01 | 0.19E+01 | 0.11E+01 | 0.13E+01 |
| | 0.75E+00 | 0.94E+00 | 0.11E+01 | | | 0.30E+00 | 0.57E+00 | 0.97E+00 | 0.96E+00 | | 0.17E+01 | 0.20E+01 | 0.48E+00 | 0.85E+00 | 0.63E+00 |
| | 0.19E+01 | 0.14E+01 | 0.18E+01 | | | 0.37E+00 | 0.90E+00 | 0.15E+01 | 0.13E+01 | | 0.23E+01 | 0.27E+01 | 0.59E+00 | 0.10E+01 | 0.99E+00 |
| AL-27(P,3PN)NA-24 | 0.46E+01 | 0.16E+01 | 0.15E+01 | | | 0.13E+01 | 0.18E+01 | 0.18E+01 | 0.11E+01 | | 0.11E+01 | 0.29E+01 | 0.16E+01 | 0.15E+01 | 0.13E+01 |
| | 0.31E+01 | 0.12E+01 | 0.12E+01 | | | 0.67E+00 | 0.46E+00 | 0.15E+01 | 0.74E+00 | | 0.96E+00 | 0.17E+01 | 0.97E+00 | 0.12E+01 | 0.11E+01 |
| | 0.97E+01 | 0.23E+01 | 0.26E+01 | | | 0.97E+00 | 0.11E+01 | 0.21E+01 | 0.14E+01 | | 0.13E+01 | 0.36E+01 | 0.19E+01 | 0.21E+01 | 0.16E+01 |
| AL-27(P,PN)AL-26 | 0.26E+01 | | | | | 0.27E+01 | 0.19E+01 | 0.20E+01 | 0.16E+01 | | 0.21E+01 | 0.16E+01 | 0.22E+01 | 0.22E+01 | 0.13E+01 |

Table 8, part II: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\text{int}} \rangle$ and F_{max} .

| reaction | contribution | GL12 | IS11 | KA11 | KO11 | LA11 | MA11 | MI11 | MI21 | SH11 | SH21 | SH31 | SO11 | TA11 | YO11 |
|--------------------|--------------|----------|----------|----------|------|----------|----------|----------|----------|------|----------|----------|----------|----------|----------|
| | | 0.16E+01 | | | | 0.30E+00 | 0.47E+00 | 0.42E+00 | 0.13E+01 | | 0.41E+00 | 0.59E+00 | 0.36E+00 | 0.43E+00 | 0.77E+00 |
| | | 0.38E+01 | | | | 0.42E+00 | 0.57E+00 | 0.70E+00 | 0.19E+01 | | 0.54E+00 | 0.63E+00 | 0.58E+00 | 0.48E+00 | 0.15E+01 |
| FE-0(P,26PXN)H-3 | | | 0.26E+01 | 0.35E+01 | | 0.13E+01 | 0.40E+01 | | | | | 0.13E+01 | 0.18E+01 | 0.18E+01 | 0.25E+01 |
| | | | 0.28E+00 | 0.19E+00 | | 0.76E+00 | 0.17E+00 | | | | | 0.68E+00 | 0.40E+00 | 0.41E+00 | 0.27E+00 |
| | | | 0.32E+01 | 0.22E+01 | | 0.19E+01 | 0.68E+00 | | | | | 0.87E+00 | 0.94E+00 | 0.12E+01 | 0.75E+00 |
| FE-0(P,25PXN)HE-3 | | | 0.28E+01 | 0.30E+01 | | 0.26E+01 | 0.20E+01 | | | | | 0.13E+01 | 0.14E+01 | 0.16E+01 | 0.18E+01 |
| | | | 0.41E+00 | 0.50E+00 | | 0.13E+01 | 0.26E+00 | | | | | 0.71E+00 | 0.71E+00 | 0.56E+00 | 0.30E+00 |
| | | | 0.66E+01 | 0.12E+02 | | 0.64E+01 | 0.13E+01 | | | | | 0.14E+01 | 0.21E+01 | 0.28E+01 | 0.19E+01 |
| FE-0(P,25PXN)HE-4 | | | 0.53E+01 | 0.24E+01 | | 0.20E+01 | 0.21E+01 | | | | | 0.12E+01 | 0.39E+01 | 0.29E+01 | 0.14E+01 |
| | | | 0.74E+00 | 0.60E+00 | | 0.11E+01 | 0.81E+00 | | | | | 0.77E+00 | 0.15E+01 | 0.13E+01 | 0.55E+00 |
| | | | 0.49E+02 | 0.60E+01 | | 0.42E+01 | 0.42E+01 | | | | | 0.14E+01 | 0.91E+01 | 0.54E+01 | 0.17E+01 |
| FE-0(P,23PXN)BE-7 | | | 0.43E+02 | 0.37E+02 | | 0.23E+01 | 0.21E+03 | | 0.19E+01 | | 0.63E+03 | | 0.16E+02 | 0.13E+03 | 0.12E+02 |
| | | | 0.36E+01 | 0.37E+02 | | 0.36E+00 | 0.14E+03 | | 0.12E+01 | | 0.28E+03 | | 0.82E+00 | 0.63E+02 | 0.61E+01 |
| | | | 0.65E+03 | 0.37E+02 | | 0.50E+01 | 0.30E+03 | | 0.27E+01 | | 0.15E+04 | | 0.98E+02 | 0.22E+03 | 0.24E+02 |
| FE-0(P,23PXN)BE-10 | | | 0.10E+02 | 0.71E+01 | | 0.26E+01 | 0.11E+03 | | 0.13E+01 | | 0.58E+01 | | 0.27E+01 | 0.59E+02 | 0.79E+01 |
| | | | 0.69E+01 | 0.59E+01 | | 0.19E+00 | 0.61E+02 | | 0.61E+00 | | 0.20E+01 | | 0.56E+00 | 0.50E+02 | 0.46E+01 |
| | | | 0.16E+02 | 0.83E+01 | | 0.78E+00 | 0.22E+03 | | 0.12E+01 | | 0.16E+02 | | 0.42E+01 | 0.70E+02 | 0.14E+02 |
| FE-0(P,17PXN)NE-20 | | | 0.18E+01 | 0.20E+01 | | 0.22E+01 | 0.15E+01 | | 0.14E+01 | | 0.28E+01 | | 0.18E+01 | 0.28E+01 | 0.16E+01 |
| | | | 0.14E+01 | 0.50E+00 | | 0.35E+00 | 0.68E+00 | | 0.60E+00 | | 0.28E+01 | | 0.42E+00 | 0.71E+00 | 0.54E+00 |
| | | | 0.19E+01 | 0.50E+00 | | 0.15E+01 | 0.68E+00 | | 0.99E+00 | | 0.28E+01 | | 0.10E+01 | 0.40E+01 | 0.75E+00 |
| FE-0(P,17PXN)NE-21 | | | 0.27E+01 | 0.13E+01 | | 0.22E+01 | 0.50E+01 | | 0.14E+01 | | 0.12E+02 | 0.18E+02 | 0.18E+01 | 0.21E+01 | 0.18E+01 |
| | | | 0.15E+01 | 0.71E+00 | | 0.21E+00 | 0.62E+00 | | 0.44E+00 | | 0.76E+00 | 0.11E+02 | 0.22E+00 | 0.77E+00 | 0.70E+00 |
| | | | 0.48E+01 | 0.99E+00 | | 0.19E+01 | 0.35E+02 | | 0.13E+01 | | 0.46E+02 | 0.35E+02 | 0.14E+01 | 0.37E+01 | 0.47E+01 |
| FE-0(P,17PXN)NE-22 | | | 0.24E+01 | 0.28E+01 | | 0.25E+01 | 0.29E+01 | | 0.15E+01 | | 0.93E+01 | 0.71E+01 | 0.25E+01 | 0.13E+02 | 0.19E+01 |
| | | | 0.94E+00 | 0.28E+01 | | 0.70E+00 | 0.21E+01 | | 0.59E+00 | | 0.64E+00 | 0.32E+01 | 0.11E+01 | 0.27E+01 | 0.63E+00 |
| | | | 0.46E+01 | 0.28E+01 | | 0.42E+01 | 0.42E+01 | | 0.18E+01 | | 0.55E+02 | 0.13E+02 | 0.34E+01 | 0.55E+02 | 0.31E+01 |
| FE-0(P,16PXN)NA-22 | | | 0.20E+01 | 0.28E+01 | | 0.26E+01 | 0.30E+01 | 0.58E+01 | 0.25E+01 | | 0.87E+01 | | 0.41E+01 | 0.24E+01 | 0.24E+01 |
| | | | 0.46E+00 | 0.36E+00 | | 0.15E+00 | 0.26E+00 | 0.39E+00 | 0.65E+00 | | 0.27E+01 | | 0.12E+00 | 0.31E+00 | 0.35E+00 |
| | | | 0.31E+01 | 0.36E+00 | | 0.11E+01 | 0.49E+00 | 0.17E+02 | 0.78E+01 | | 0.37E+02 | | 0.57E+00 | 0.11E+01 | 0.56E+00 |
| FE-0(P,16PXN)NA-24 | | | 0.14E+02 | 0.25E+01 | | 0.22E+01 | 0.65E+01 | | 0.15E+01 | | 0.61E+01 | 0.20E+02 | 0.22E+01 | 0.23E+02 | 0.28E+01 |
| | | | 0.37E+01 | 0.41E+00 | | 0.61E+00 | 0.41E+00 | | 0.70E+00 | | 0.12E+01 | 0.85E+01 | 0.57E+00 | 0.20E+01 | 0.90E+00 |
| | | | 0.53E+02 | 0.41E+00 | | 0.41E+01 | 0.19E+02 | | 0.21E+01 | | 0.35E+02 | 0.30E+02 | 0.36E+01 | 0.80E+02 | 0.54E+01 |
| FE-0(P,15PXN)MG-28 | | | 0.49E+01 | 0.20E+01 | | 0.15E+02 | 0.14E+02 | | 0.13E+01 | | 0.31E+01 | 0.28E+01 | 0.71E+01 | 0.13E+02 | 0.16E+01 |
| | | | 0.11E+01 | 0.51E+00 | | 0.75E+01 | 0.11E+02 | | 0.71E+00 | | 0.42E+00 | 0.22E+01 | 0.57E+01 | 0.95E+01 | 0.48E+00 |
| | | | 0.21E+02 | 0.51E+00 | | 0.33E+02 | 0.25E+02 | | 0.10E+01 | | 0.71E+01 | 0.34E+01 | 0.88E+01 | 0.22E+02 | 0.92E+00 |
| FE-0(P,14PXN)AL-26 | | | 0.26E+01 | 0.47E+01 | | 0.28E+01 | 0.29E+01 | 0.37E+01 | 0.19E+01 | | 0.68E+01 | 0.36E+02 | 0.42E+01 | 0.35E+01 | 0.31E+01 |
| | | | 0.21E+00 | 0.19E+00 | | 0.20E+00 | 0.29E+00 | 0.19E+00 | 0.65E+00 | | 0.24E+01 | 0.10E+02 | 0.18E+00 | 0.23E+00 | 0.27E+00 |
| | | | 0.27E+01 | 0.24E+00 | | 0.12E+01 | 0.47E+00 | 0.39E+01 | 0.56E+01 | | 0.12E+02 | 0.84E+02 | 0.36E+00 | 0.56E+01 | 0.44E+01 |
| FE-0(P,10PXN)CL-36 | | | 0.89E+01 | 0.58E+01 | | 0.15E+01 | 0.38E+01 | 0.20E+01 | 0.17E+01 | | 0.28E+01 | 0.14E+02 | 0.53E+01 | 0.19E+01 | 0.15E+01 |
| | | | 0.39E+00 | 0.51E-01 | | 0.49E+00 | 0.32E+00 | 0.35E+00 | 0.41E+00 | | 0.61E+00 | 0.38E+01 | 0.12E+01 | 0.43E+00 | 0.49E+00 |
| | | | 0.96E+02 | 0.14E+02 | | 0.24E+01 | 0.51E+02 | 0.29E+01 | 0.24E+01 | | 0.80E+01 | 0.48E+02 | 0.28E+02 | 0.26E+01 | 0.19E+01 |

Table 8, part II: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\text{lim}} \rangle$ and F_{max} .

| reaction | contribution | GL12 | IS11 | KA11 | KO11 | LA11 | MA11 | MI11 | MI21 | SH11 | SH21 | SH31 | SO11 | TA11 | YO11 |
|-------------------|--------------|----------|----------|----------|------|----------|----------|----------|----------|------|----------|----------|----------|----------|----------|
| FE-0(P,9PXN)AR-36 | | | 0.10E+02 | 0.37E+01 | | 0.17E+01 | 0.31E+01 | 0.24E+01 | 0.19E+01 | | 0.16E+01 | 0.18E+01 | 0.45E+01 | 0.20E+01 | 0.38E+01 |
| | | | 0.84E-01 | 0.73E+00 | | 0.47E+00 | 0.22E+01 | 0.34E+00 | 0.38E+00 | | 0.79E+00 | 0.47E+00 | 0.15E+00 | 0.42E+00 | 0.21E+00 |
| | | | 0.15E+00 | 0.55E+01 | | 0.10E+01 | 0.45E+01 | 0.53E+00 | 0.89E+00 | | 0.21E+01 | 0.65E+00 | 0.36E+00 | 0.57E+00 | 0.33E+00 |
| FE-0(P,9PXN)AR-38 | | | 0.16E+01 | 0.42E+01 | | 0.13E+01 | 0.14E+01 | 0.13E+01 | 0.15E+01 | | 0.14E+01 | 0.13E+01 | 0.22E+01 | 0.13E+01 | 0.16E+01 |
| | | | 0.54E+00 | 0.60E+00 | | 0.54E+00 | 0.55E+00 | 0.65E+00 | 0.48E+00 | | 0.54E+00 | 0.81E+00 | 0.15E+01 | 0.68E+00 | 0.42E+00 |
| | | | 0.21E+01 | 0.15E+02 | | 0.13E+01 | 0.15E+01 | 0.15E+01 | 0.12E+01 | | 0.13E+01 | 0.16E+01 | 0.30E+01 | 0.16E+01 | 0.11E+01 |
| FE-0(P,8PXN)K-42 | | | | | | | 0.15E+01 | 0.26E+01 | 0.20E+01 | | | | | | 0.16E+01 |
| | | | | | | | 0.12E+01 | 0.21E+01 | 0.16E+01 | | | | | | 0.14E+01 |
| | | | | | | | 0.19E+01 | 0.32E+01 | 0.28E+01 | | | | | | 0.17E+01 |
| FE-0(P,8PXN)K-43 | | | | | | | 0.26E+01 | 0.36E+01 | 0.20E+01 | | | | | | 0.13E+01 |
| | | | | | | | 0.95E+00 | 0.16E+01 | 0.14E+01 | | | | | | 0.58E+00 |
| | | | | | | | 0.72E+01 | 0.47E+01 | 0.26E+01 | | | | | | 0.13E+01 |
| FE-0(P,6PXN)SC-46 | | 0.21E+01 | 0.47E+02 | 0.15E+01 | | 0.12E+01 | 0.16E+01 | | 0.20E+01 | | 0.13E+01 | 0.27E+01 | 0.67E+01 | 0.17E+01 | 0.13E+01 |
| | | 0.14E+01 | 0.18E+01 | 0.49E+00 | | 0.79E+00 | 0.44E+00 | | 0.14E+01 | | 0.91E+00 | 0.22E+01 | 0.27E+01 | 0.11E+01 | 0.10E+01 |
| | | 0.63E+01 | 0.56E+03 | 0.10E+01 | | 0.15E+01 | 0.10E+01 | | 0.27E+01 | | 0.15E+01 | 0.31E+01 | 0.11E+02 | 0.28E+01 | 0.18E+01 |
| FE-0(P,6PXN)SC-47 | | 0.26E+01 | | | | | 0.13E+01 | | 0.17E+01 | | | | | | 0.12E+01 |
| | | 0.14E+01 | | | | | 0.71E+00 | | 0.14E+01 | | | | | | 0.66E+00 |
| | | 0.75E+01 | | | | | 0.18E+01 | | 0.20E+01 | | | | | | 0.11E+01 |
| FE-0(P,6PXN)SC-48 | | | | | | | 0.12E+01 | | 0.14E+01 | | | | | | 0.18E+01 |
| | | | | | | | 0.11E+01 | | 0.14E+01 | | | | | | 0.53E+00 |
| | | | | | | | 0.13E+01 | | 0.14E+01 | | | | | | 0.64E+00 |
| FE-0(P,5PXN)TI-44 | | 0.77E+01 | | | | | 0.44E+01 | 0.13E+01 | 0.18E+01 | | | | | | 0.20E+01 |
| | | 0.85E-01 | | | | | 0.24E+01 | 0.67E+00 | 0.26E+00 | | | | | | 0.36E+00 |
| | | 0.35E+00 | | | | | 0.98E+01 | 0.15E+01 | 0.10E+01 | | | | | | 0.73E+00 |
| FE-0(P,4PXN)V-48 | | 0.18E+01 | 0.14E+01 | 0.17E+01 | | 0.19E+01 | 0.12E+01 | 0.13E+01 | 0.13E+01 | | 0.43E+01 | 0.20E+01 | 0.13E+01 | 0.13E+01 | 0.12E+01 |
| | | 0.34E+00 | 0.76E+00 | 0.59E+00 | | 0.46E+00 | 0.90E+00 | 0.65E+00 | 0.79E+00 | | 0.38E+01 | 0.18E+01 | 0.60E+00 | 0.67E+00 | 0.71E+00 |
| | | 0.16E+01 | 0.23E+01 | 0.21E+01 | | 0.60E+00 | 0.17E+01 | 0.12E+01 | 0.14E+01 | | 0.48E+01 | 0.21E+01 | 0.87E+00 | 0.11E+01 | 0.14E+01 |
| FE-0(P,3PXN)CR-48 | | 0.31E+01 | 0.25E+02 | 0.25E+01 | | | 0.34E+01 | 0.13E+01 | 0.18E+01 | | 0.23E+01 | 0.75E+01 | 0.54E+01 | 0.22E+01 | 0.22E+01 |
| | | 0.20E+00 | 0.64E+00 | 0.59E+00 | | | 0.17E+01 | 0.62E+00 | 0.33E+00 | | 0.12E+01 | 0.90E-01 | 0.11E+00 | 0.30E+00 | 0.29E+00 |
| | | 0.70E+00 | 0.45E+03 | 0.48E+01 | | | 0.44E+01 | 0.13E+01 | 0.87E+00 | | 0.32E+01 | 0.17E+00 | 0.22E+00 | 0.11E+01 | 0.69E+00 |
| FE-0(P,3PXN)CR-51 | | 0.16E+01 | 0.13E+01 | 0.28E+01 | | 0.17E+01 | 0.14E+01 | 0.16E+01 | 0.11E+01 | | 0.12E+01 | 0.12E+01 | 0.11E+01 | 0.13E+01 | 0.13E+01 |
| | | 0.12E+01 | 0.88E+00 | 0.84E+00 | | 0.51E+00 | 0.10E+01 | 0.13E+01 | 0.81E+00 | | 0.10E+01 | 0.11E+01 | 0.83E+00 | 0.11E+01 | 0.10E+01 |
| | | 0.25E+01 | 0.22E+01 | 0.40E+01 | | 0.84E+00 | 0.22E+01 | 0.22E+01 | 0.11E+01 | | 0.15E+01 | 0.12E+01 | 0.13E+01 | 0.17E+01 | 0.17E+01 |
| FE-0(P,2PXN)MN-52 | | 0.16E+01 | | 0.18E+01 | | 0.47E+01 | 0.21E+01 | 0.28E+01 | 0.23E+01 | | 0.16E+01 | 0.23E+01 | 0.36E+01 | 0.25E+01 | 0.22E+01 |
| | | 0.52E+00 | | 0.18E+00 | | 0.18E+00 | 0.40E+00 | 0.31E+00 | 0.36E+00 | | 0.14E+01 | 0.21E+01 | 0.24E+00 | 0.36E+00 | 0.39E+00 |
| | | 0.89E+00 | | 0.15E+01 | | 0.30E+00 | 0.81E+00 | 0.50E+00 | 0.54E+00 | | 0.20E+01 | 0.26E+01 | 0.39E+00 | 0.52E+00 | 0.63E+00 |
| FE-0(P,2PXN)MN-54 | | 0.33E+01 | 0.13E+01 | 0.20E+01 | | 0.13E+01 | 0.13E+01 | 0.13E+01 | 0.14E+01 | | 0.12E+01 | 0.16E+01 | 0.17E+01 | 0.13E+01 | 0.13E+01 |
| | | 0.24E+01 | 0.84E+00 | 0.76E+00 | | 0.10E+01 | 0.92E+00 | 0.12E+01 | 0.53E+00 | | 0.11E+01 | 0.13E+01 | 0.15E+01 | 0.12E+01 | 0.98E+00 |
| | | 0.56E+01 | 0.25E+01 | 0.28E+01 | | 0.17E+01 | 0.18E+01 | 0.16E+01 | 0.18E+01 | | 0.14E+01 | 0.19E+01 | 0.19E+01 | 0.15E+01 | 0.16E+01 |
| FE-0(P,PXN)FE-55 | | 0.39E+01 | 0.38E+03 | 0.36E+01 | | 0.12E+01 | 0.12E+01 | | 0.15E+01 | | 0.14E+01 | 0.14E+01 | 0.11E+01 | 0.12E+01 | 0.16E+01 |
| | | 0.32E+01 | 0.66E+02 | 0.16E+01 | | 0.71E+00 | 0.81E+00 | | 0.54E+00 | | 0.65E+00 | 0.66E+00 | 0.10E+01 | 0.73E+00 | 0.13E+01 |

Table 8, part II: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\text{min}} \rangle$ and F_{max} .

| reaction | contribution | GL12 | IS11 | KA11 | KO11 | LA11 | MA11 | MI11 | MI21 | SH11 | SH21 | SH31 | SO11 | TA11 | YO11 |
|--------------------|--------------|----------|----------|----------|------|----------|----------|----------|----------|------|----------|----------|----------|----------|----------|
| FE-0(P,XN)CO-55 | | 0.47E+01 | 0.43E+04 | 0.61E+01 | | 0.11E+01 | 0.13E+01 | | 0.14E+01 | | 0.82E+00 | 0.83E+00 | 0.13E+01 | 0.13E+01 | 0.18E+01 |
| | | 0.27E+01 | 0.54E+01 | 0.69E+01 | | | 0.22E+01 | 0.39E+01 | 0.26E+02 | | 0.19E+01 | 0.46E+01 | 0.81E+01 | 0.40E+01 | 0.56E+01 |
| | | 0.35E+00 | 0.20E+00 | 0.60E-01 | | | 0.26E+00 | 0.14E+00 | 0.21E-01 | | 0.36E+00 | 0.20E+00 | 0.76E-01 | 0.15E+00 | 0.11E+00 |
| FE-0(P,XN)CO-56 | | 0.40E+00 | 0.19E+02 | 0.50E+01 | | | 0.12E+01 | 0.40E+00 | 0.61E-01 | | 0.18E+01 | 0.23E+00 | 0.23E+00 | 0.44E+00 | 0.24E+00 |
| | | 0.39E+01 | 0.36E+01 | 0.38E+01 | | 0.47E+01 | 0.44E+01 | 0.44E+01 | 0.52E+02 | | 0.51E+01 | 0.62E+01 | 0.17E+01 | 0.45E+01 | 0.62E+01 |
| | | 0.22E+00 | 0.15E+00 | 0.41E-01 | | 0.11E+00 | 0.15E+00 | 0.18E+00 | 0.14E-01 | | 0.14E+00 | 0.14E+00 | 0.39E+00 | 0.18E+00 | 0.12E+00 |
| FE-0(P,XN)CO-57 | | 0.48E+00 | 0.10E+02 | 0.44E+01 | | 0.10E+01 | 0.31E+01 | 0.69E+00 | 0.40E-01 | | 0.39E+01 | 0.41E+00 | 0.13E+01 | 0.67E+00 | 0.44E+00 |
| | | 0.17E+01 | | | | | 0.14E+01 | 0.14E+01 | | | | | | | 0.14E+01 |
| | | 0.93E+00 | | | | | 0.44E+00 | 0.58E+00 | | | | | | | 0.53E+00 |
| FE-0(P,XN)CO-58 | | 0.24E+01 | | | | | 0.15E+01 | 0.21E+01 | | | | | | | 0.17E+01 |
| | | 0.18E+01 | | | | | 0.16E+01 | 0.16E+01 | | | | | | | 0.12E+01 |
| | | 0.12E+01 | | | | | 0.85E+00 | 0.92E+00 | | | | | | | 0.74E+00 |
| CO-59(P,P3N)CO-56 | | 0.23E+01 | | | | | 0.22E+01 | 0.26E+01 | | | | | | | 0.13E+01 |
| | | 0.13E+01 | 0.81E+01 | 0.22E+01 | | 0.41E+01 | 0.20E+01 | 0.26E+01 | 0.19E+01 | | 0.17E+01 | 0.30E+01 | 0.28E+01 | 0.23E+01 | 0.20E+01 |
| | | 0.68E+00 | 0.26E+00 | 0.36E+00 | | 0.16E+00 | 0.45E+00 | 0.33E+00 | 0.47E+00 | | 0.14E+01 | 0.26E+01 | 0.29E+00 | 0.37E+00 | 0.44E+00 |
| CO-59(P,P2N)CO-57 | | 0.95E+00 | 0.43E+04 | 0.70E+00 | | 0.41E+00 | 0.70E+00 | 0.56E+00 | 0.58E+00 | | 0.22E+01 | 0.39E+01 | 0.59E+00 | 0.55E+00 | 0.67E+00 |
| | | 0.17E+01 | 0.22E+03 | 0.12E+01 | | 0.16E+01 | 0.11E+01 | 0.13E+01 | 0.22E+01 | | 0.12E+01 | 0.11E+01 | 0.12E+01 | 0.12E+01 | 0.12E+01 |
| | | 0.15E+01 | 0.69E+02 | 0.76E+00 | | 0.48E+00 | 0.89E+00 | 0.71E+00 | 0.35E+00 | | 0.74E+00 | 0.85E+00 | 0.82E+00 | 0.73E+00 | 0.77E+00 |
| CO-59(P,PN)CO-58 | | 0.25E+01 | 0.20E+05 | 0.13E+01 | | 0.95E+00 | 0.13E+01 | 0.12E+01 | 0.75E+00 | | 0.11E+01 | 0.10E+01 | 0.15E+01 | 0.98E+00 | 0.11E+01 |
| | | 0.33E+01 | 0.82E+01 | 0.14E+01 | | 0.15E+01 | 0.14E+01 | 0.13E+01 | 0.19E+01 | | 0.16E+01 | 0.12E+01 | 0.13E+01 | 0.14E+01 | 0.13E+01 |
| | | 0.25E+01 | 0.34E+00 | 0.58E+00 | | 0.29E+00 | 0.36E+00 | 0.51E+00 | 0.35E+00 | | 0.32E+00 | 0.79E+00 | 0.41E+00 | 0.35E+00 | 0.60E+00 |
| CO-59(P,4N)NI-56 | | 0.56E+01 | 0.45E+04 | 0.19E+01 | | 0.11E+01 | 0.11E+01 | 0.99E+00 | 0.10E+01 | | 0.98E+00 | 0.11E+01 | 0.16E+01 | 0.10E+01 | 0.17E+01 |
| | | 0.30E+01 | 0.65E+01 | 0.42E+01 | | 0.21E+01 | 0.14E+01 | 0.53E+01 | 0.92E+01 | | 0.21E+01 | 0.34E+02 | 0.27E+02 | 0.64E+01 | 0.61E+01 |
| | | 0.29E+00 | 0.14E+00 | 0.17E+00 | | 0.32E+00 | 0.56E+00 | 0.17E+00 | 0.88E-01 | | 0.45E+00 | 0.25E-01 | 0.30E-01 | 0.15E+00 | 0.13E+00 |
| CO-59(P,3N)NI-57 | | 0.43E+00 | 0.18E+00 | 0.31E+00 | | 0.94E+00 | 0.12E+01 | 0.22E+00 | 0.13E+00 | | 0.53E+00 | 0.36E-01 | 0.46E-01 | 0.16E+00 | 0.20E+00 |
| | | 0.35E+01 | 0.61E+01 | 0.47E+01 | | 0.64E+01 | 0.16E+01 | 0.52E+01 | 0.12E+02 | | 0.19E+01 | 0.80E+01 | 0.13E+02 | 0.45E+01 | 0.45E+01 |
| | | 0.20E+00 | 0.10E+00 | 0.12E+00 | | 0.53E-01 | 0.49E+00 | 0.13E+00 | 0.44E-01 | | 0.41E+00 | 0.99E-01 | 0.52E-01 | 0.15E+00 | 0.16E+00 |
| ZR-0(P,37PXN)BE-7 | | 0.38E+00 | 0.37E+00 | 0.69E+00 | | 0.34E+00 | 0.16E+01 | 0.30E+00 | 0.14E+00 | | 0.11E+01 | 0.19E+00 | 0.19E+00 | 0.36E+00 | 0.32E+00 |
| | | | 0.78E+01 | | | 0.19E+01 | 0.53E+03 | 0.32E+02 | 0.29E+01 | | | | 0.15E+02 | | |
| | | | 0.11E+01 | | | 0.61E+00 | 0.53E+03 | 0.28E+02 | 0.12E+01 | | | | 0.16E+01 | | |
| ZR-0(P,30PXN)NA-22 | | | 0.24E+03 | | | 0.43E+01 | 0.53E+03 | 0.36E+02 | 0.56E+01 | | | | 0.17E+03 | | |
| | | | 0.38E+01 | | | 0.11E+02 | | 0.46E+01 | 0.46E+01 | | | | 0.21E+01 | 0.12E+02 | 0.71E+01 |
| | | | 0.18E+00 | | | 0.68E-01 | | 0.36E+00 | 0.16E+00 | | | | 0.14E+01 | 0.11E+02 | 0.68E+01 |
| ZR-0(P,30PXN)NA-24 | | | 0.16E+01 | | | 0.16E+00 | | 0.87E+01 | 0.36E+00 | | | | 0.29E+01 | 0.13E+02 | 0.74E+01 |
| | | | | | | | 0.18E+01 | 0.60E+01 | 0.19E+01 | | | | | | 0.64E+01 |
| | | | | | | | 0.55E+00 | 0.19E+01 | 0.43E+00 | | | | | | 0.68E+00 |
| ZR-0(P,20PXN)SC-46 | | | | | | | 0.55E+00 | 0.30E+02 | 0.77E+00 | | | | | | 0.14E+02 |
| | | | 0.27E+01 | 0.36E+01 | | 0.19E+01 | 0.30E+01 | 0.32E+01 | 0.16E+01 | | 0.27E+01 | | 0.11E+02 | 0.46E+01 | 0.28E+01 |
| | | | 0.13E+01 | 0.20E+00 | | 0.66E+00 | 0.20E+00 | 0.47E+00 | 0.82E+00 | | 0.69E+00 | | 0.41E+01 | 0.15E+00 | 0.24E+00 |
| ZR-0(P,20PXN)SC-47 | | | 0.88E+01 | 0.41E+01 | | 0.33E+01 | 0.14E+01 | 0.24E+02 | 0.24E+01 | | 0.52E+01 | | 0.31E+02 | 0.58E+01 | 0.89E+00 |
| | | | | | | | 0.25E+01 | 0.25E+01 | 0.28E+01 | | | | | | 0.37E+01 |
| | | | | | | | | | | | | | | | |

Table 8, part II: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\text{min}} \rangle$ and F_{max} .

| reaction | contribution | GL12 | IS11 | KA11 | KO11 | LA11 | MA11 | MI11 | MI21 | SH11 | SH21 | SH31 | SO11 | TA11 | YO11 |
|--------------------|--------------|------|----------|----------|------|----------|----------|----------|----------|------|----------|----------|----------|----------|----------|
| | | | | | | | 0.42E+00 | 0.48E+00 | 0.14E+01 | | | | | | 0.15E+00 |
| | | | | | | | 0.28E+01 | 0.74E+01 | 0.41E+01 | | | | | | 0.52E+00 |
| ZR-0(P,18PXN)V-48 | | | 0.27E+01 | 0.32E+01 | | 0.17E+01 | 0.22E+01 | 0.44E+01 | 0.13E+01 | | 0.11E+02 | | 0.21E+01 | 0.11E+02 | 0.27E+01 |
| | | | 0.39E+00 | 0.21E+00 | | 0.28E+00 | 0.31E+00 | 0.93E-01 | 0.66E+00 | | 0.37E+01 | | 0.55E+00 | 0.53E-01 | 0.23E+00 |
| | | | 0.96E+01 | 0.15E+01 | | 0.14E+01 | 0.13E+01 | 0.13E+01 | 0.16E+01 | | 0.39E+02 | | 0.78E+01 | 0.64E+00 | 0.27E+01 |
| ZR-0(P,17PXN)CR-51 | | | 0.19E+01 | 0.21E+01 | | 0.14E+01 | 0.81E+01 | 0.22E+01 | 0.14E+01 | | 0.21E+01 | 0.77E+01 | 0.23E+01 | 0.66E+01 | 0.18E+01 |
| | | | 0.50E+00 | 0.37E+00 | | 0.83E+00 | 0.46E+00 | 0.31E+00 | 0.98E+00 | | 0.65E+00 | 0.77E+01 | 0.99E+00 | 0.11E+00 | 0.44E+00 |
| | | | 0.34E+01 | 0.10E+01 | | 0.18E+01 | 0.31E+03 | 0.11E+01 | 0.18E+01 | | 0.46E+01 | 0.77E+01 | 0.71E+01 | 0.48E+00 | 0.11E+01 |
| ZR-0(P,16PXN)MN-52 | | | | | | | 0.12E+02 | 0.54E+01 | 0.13E+01 | | | | | | 0.27E+01 |
| | | | | | | | 0.26E+00 | 0.68E-01 | 0.85E+00 | | | | | | 0.20E+00 |
| | | | | | | | 0.19E+03 | 0.65E+01 | 0.16E+01 | | | | | | 0.77E+00 |
| ZR-0(P,16PXN)MN-54 | | | 0.86E+01 | 0.27E+01 | | 0.27E+01 | 0.33E+01 | 0.24E+01 | 0.19E+01 | | 0.30E+01 | 0.81E+02 | 0.17E+02 | 0.42E+01 | 0.20E+01 |
| | | | 0.55E+00 | 0.24E+00 | | 0.11E+01 | 0.43E+00 | 0.32E+00 | 0.12E+01 | | 0.10E+01 | 0.39E+02 | 0.11E+02 | 0.16E+00 | 0.28E+00 |
| | | | 0.28E+03 | 0.74E+00 | | 0.43E+01 | 0.15E+02 | 0.84E+01 | 0.25E+01 | | 0.13E+02 | 0.12E+03 | 0.31E+02 | 0.19E+01 | 0.74E+00 |
| ZR-0(P,15PXN)FE-59 | | | | | | | 0.31E+01 | 0.75E+01 | 0.31E+01 | | | | | | 0.40E+01 |
| | | | | | | | 0.14E+01 | 0.33E+01 | 0.23E+01 | | | | | | 0.15E+00 |
| | | | | | | | 0.15E+02 | 0.40E+02 | 0.45E+01 | | | | | | 0.45E+00 |
| ZR-0(P,14PXN)CO-56 | | | 0.29E+01 | 0.52E+01 | | 0.28E+01 | 0.54E+01 | 0.38E+01 | 0.14E+01 | | 0.33E+01 | 0.20E+01 | 0.23E+01 | 0.13E+02 | 0.26E+01 |
| | | | 0.21E+00 | 0.14E+00 | | 0.19E+00 | 0.23E+00 | 0.10E+00 | 0.11E+01 | | 0.16E+01 | 0.11E+01 | 0.29E+00 | 0.42E-01 | 0.20E+00 |
| | | | 0.13E+01 | 0.24E+00 | | 0.67E+00 | 0.44E+02 | 0.14E+01 | 0.17E+01 | | 0.11E+02 | 0.31E+01 | 0.28E+01 | 0.40E+00 | 0.74E+00 |
| ZR-0(P,14PXN)CO-57 | | | | | | | 0.32E+01 | 0.18E+01 | 0.15E+01 | | | | | | 0.14E+01 |
| | | | | | | | 0.47E+00 | 0.55E+00 | 0.11E+01 | | | | | | 0.46E+00 |
| | | | | | | | 0.17E+02 | 0.37E+01 | 0.18E+01 | | | | | | 0.96E+00 |
| ZR-0(P,14PXN)CO-58 | | | 0.19E+01 | 0.26E+01 | | 0.18E+01 | 0.37E+01 | 0.35E+01 | 0.17E+01 | | 0.27E+01 | 0.15E+02 | 0.95E+01 | 0.35E+01 | 0.15E+01 |
| | | | 0.70E+00 | 0.24E+00 | | 0.63E+00 | 0.44E+00 | 0.48E+00 | 0.95E+00 | | 0.10E+01 | 0.11E+02 | 0.34E+01 | 0.16E+00 | 0.44E+00 |
| | | | 0.45E+01 | 0.11E+01 | | 0.28E+01 | 0.21E+02 | 0.34E+02 | 0.21E+01 | | 0.73E+01 | 0.21E+02 | 0.38E+02 | 0.74E+00 | 0.14E+01 |
| ZR-0(P,14PXN)CO-60 | | | 0.36E+01 | 0.38E+01 | | 0.24E+01 | 0.25E+01 | 0.29E+01 | 0.30E+01 | | 0.15E+01 | 0.67E+02 | 0.14E+02 | 0.17E+01 | 0.21E+01 |
| | | | 0.14E+01 | 0.19E+00 | | 0.16E+01 | 0.65E+00 | 0.15E+01 | 0.25E+01 | | 0.85E+00 | 0.44E+02 | 0.64E+01 | 0.50E+00 | 0.33E+00 |
| | | | 0.23E+02 | 0.36E+00 | | 0.39E+01 | 0.10E+02 | 0.57E+01 | 0.39E+01 | | 0.26E+01 | 0.87E+02 | 0.45E+02 | 0.19E+01 | 0.97E+00 |
| ZR-0(P,13PXN)NI-57 | | | | | | | 0.17E+01 | 0.89E+01 | 0.14E+01 | | | | | | 0.35E+01 |
| | | | | | | | 0.12E+01 | 0.10E+00 | 0.66E+00 | | | | | | 0.25E+00 |
| | | | | | | | 0.21E+01 | 0.13E+00 | 0.84E+00 | | | | | | 0.33E+00 |
| ZR-0(P,11PXN)ZN-65 | | | 0.40E+01 | 0.17E+01 | | 0.20E+01 | 0.46E+01 | 0.22E+01 | 0.15E+01 | | 0.17E+01 | 0.23E+01 | 0.30E+01 | 0.37E+01 | 0.20E+01 |
| | | | 0.36E+00 | 0.35E+00 | | 0.61E+00 | 0.51E+00 | 0.31E+00 | 0.86E+00 | | 0.82E+00 | 0.11E+01 | 0.83E+00 | 0.11E+00 | 0.36E+00 |
| | | | 0.98E+02 | 0.13E+01 | | 0.43E+01 | 0.78E+02 | 0.86E+01 | 0.23E+01 | | 0.25E+01 | 0.30E+01 | 0.18E+02 | 0.23E+01 | 0.25E+01 |
| ZR-0(P,10PXN)GA-67 | | | 0.16E+01 | 0.22E+01 | | 0.17E+01 | 0.25E+01 | 0.19E+01 | 0.13E+01 | | 0.23E+01 | 0.21E+01 | 0.30E+01 | 0.41E+01 | 0.22E+01 |
| | | | 0.54E+00 | 0.20E+00 | | 0.35E+00 | 0.52E+00 | 0.19E+00 | 0.88E+00 | | 0.15E+01 | 0.14E+01 | 0.86E+00 | 0.12E+00 | 0.52E+00 |
| | | | 0.29E+01 | 0.98E+00 | | 0.11E+01 | 0.14E+02 | 0.15E+01 | 0.21E+01 | | 0.33E+01 | 0.27E+01 | 0.18E+02 | 0.49E+00 | 0.34E+01 |
| ZR-0(P,9PXN)GE-68 | | | | | | | 0.40E+01 | 0.13E+01 | 0.13E+01 | | | | | | 0.25E+01 |
| | | | | | | | 0.29E+01 | 0.51E+00 | 0.72E+00 | | | | | | 0.13E+01 |
| | | | | | | | 0.65E+01 | 0.12E+01 | 0.15E+01 | | | | | | 0.31E+01 |

Table 8, part II: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\text{min}} \rangle$ and F_{max} .

| reaction | contribution | GL12 | IS11 | KA11 | KO11 | LA11 | MA11 | MI11 | MI21 | SH11 | SH21 | SH31 | SO11 | TA11 | YO11 |
|-------------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|------|----------|----------|----------|----------|----------|
| ZR-0(P,9PXN)GE-69 | | | 0.67E+01 | 0.20E+01 | | 0.22E+01 | 0.21E+01 | 0.19E+01 | 0.15E+01 | | 0.17E+01 | 0.13E+01 | 0.26E+01 | 0.53E+01 | 0.22E+01 |
| | | | 0.32E+01 | 0.22E+00 | | 0.16E+01 | 0.80E+00 | 0.26E+00 | 0.55E+00 | | 0.14E+01 | 0.76E+00 | 0.51E+00 | 0.14E+00 | 0.74E+00 |
| | | | 0.11E+02 | 0.85E+00 | | 0.40E+01 | 0.77E+01 | 0.95E+00 | 0.16E+01 | | 0.30E+01 | 0.15E+01 | 0.13E+02 | 0.41E+00 | 0.28E+01 |
| ZR-0(P,8PXN)AS-71 | | | 0.22E+01 | 0.14E+01 | | 0.20E+01 | 0.43E+01 | 0.14E+01 | 0.15E+01 | | 0.50E+01 | 0.16E+01 | 0.29E+01 | 0.38E+01 | 0.29E+01 |
| | | | 0.90E+00 | 0.59E+00 | | 0.89E+00 | 0.10E+01 | 0.42E+00 | 0.62E+00 | | 0.34E+01 | 0.14E+01 | 0.67E+00 | 0.19E+00 | 0.17E+01 |
| | | | 0.11E+02 | 0.16E+01 | | 0.85E+01 | 0.99E+02 | 0.16E+01 | 0.24E+01 | | 0.12E+02 | 0.20E+01 | 0.15E+02 | 0.55E+00 | 0.41E+01 |
| ZR-0(P,8PXN)AS-73 | | | | | | | 0.24E+01 | | 0.58E+01 | | | | | | 0.39E+01 |
| | | | | | | | 0.20E+01 | | 0.41E+01 | | | | | | 0.32E+01 |
| | | | | | | | 0.29E+01 | | 0.10E+02 | | | | | | 0.48E+01 |
| ZR-0(P,8PXN)AS-74 | 0.49E+01 | 0.27E+01 | 0.23E+01 | | 0.13E+01 | 0.18E+01 | 0.27E+01 | 0.38E+01 | | | 0.12E+01 | 0.32E+01 | 0.60E+01 | 0.16E+01 | 0.16E+01 |
| | 0.27E+01 | 0.17E+01 | 0.16E+00 | | 0.57E+00 | 0.61E+00 | 0.14E+01 | 0.24E+01 | | | 0.82E+00 | 0.26E+01 | 0.23E+01 | 0.35E+00 | 0.31E+00 |
| | 0.90E+01 | 0.51E+01 | 0.90E+00 | | 0.16E+01 | 0.74E+01 | 0.38E+01 | 0.62E+01 | | | 0.13E+01 | 0.42E+01 | 0.41E+02 | 0.10E+01 | 0.11E+01 |
| ZR-0(P,7PXN)SE-72 | | | | | | | 0.10E+02 | 0.21E+01 | 0.17E+01 | | | | | | 0.21E+01 |
| | | | | | | | 0.37E+01 | 0.16E+00 | 0.47E+00 | | | | | | 0.67E+00 |
| | | | | | | | 0.81E+02 | 0.10E+01 | 0.12E+01 | | | | | | 0.29E+01 |
| ZR-0(P,7PXN)SE-75 | 0.17E+01 | 0.29E+01 | 0.16E+01 | | 0.13E+01 | 0.19E+01 | 0.17E+01 | 0.15E+01 | | | 0.14E+01 | 0.13E+01 | 0.18E+01 | 0.34E+01 | 0.18E+01 |
| | 0.46E+00 | 0.19E+01 | 0.53E+00 | | 0.58E+00 | 0.10E+01 | 0.43E+00 | 0.75E+00 | | | 0.11E+01 | 0.96E+00 | 0.85E+00 | 0.21E+00 | 0.64E+00 |
| | 0.14E+01 | 0.58E+01 | 0.19E+01 | | 0.15E+01 | 0.60E+01 | 0.21E+01 | 0.21E+01 | | | 0.16E+01 | 0.15E+01 | 0.47E+01 | 0.38E+00 | 0.23E+01 |
| ZR-0(P,6PXN)BR-76 | 0.26E+01 | | | | | | 0.20E+01 | 0.19E+01 | 0.22E+01 | | | | | | 0.40E+01 |
| | 0.20E+01 | | | | | | 0.16E+01 | 0.14E+01 | 0.18E+01 | | | | | | 0.29E+01 |
| | 0.32E+01 | | | | | | 0.25E+01 | 0.25E+01 | 0.30E+01 | | | | | | 0.49E+01 |
| ZR-0(P,6PXN)BR-77 | 0.25E+01 | 0.15E+01 | 0.16E+01 | | 0.17E+01 | 0.14E+01 | 0.16E+01 | 0.14E+01 | | | 0.13E+01 | 0.12E+01 | 0.14E+01 | 0.47E+01 | 0.16E+01 |
| | 0.16E+01 | 0.57E+00 | 0.37E+00 | | 0.45E+00 | 0.89E+00 | 0.35E+00 | 0.67E+00 | | | 0.96E+00 | 0.68E+00 | 0.63E+00 | 0.15E+00 | 0.70E+00 |
| | 0.48E+01 | 0.11E+01 | 0.12E+01 | | 0.81E+00 | 0.25E+01 | 0.13E+01 | 0.16E+01 | | | 0.14E+01 | 0.11E+01 | 0.20E+01 | 0.30E+00 | 0.21E+01 |
| ZR-0(P,5PXN)KR-78 | | | 0.15E+01 | 0.34E+01 | | 0.17E+01 | 0.21E+01 | 0.12E+01 | 0.15E+01 | | | | 0.12E+01 | 0.30E+01 | 0.26E+01 |
| | | | 0.15E+01 | 0.34E+01 | | 0.52E+00 | 0.21E+01 | 0.82E+00 | 0.58E+00 | | | | 0.81E+00 | 0.30E+00 | 0.24E+01 |
| | | | 0.15E+01 | 0.34E+01 | | 0.70E+00 | 0.22E+01 | 0.11E+01 | 0.88E+00 | | | | 0.10E+00 | 0.37E+00 | 0.29E+01 |
| ZR-0(P,5PXN)KR-79 | 0.19E+01 | 0.14E+01 | 0.14E+01 | | 0.12E+01 | 0.14E+01 | 0.14E+01 | 0.13E+01 | | | 0.12E+01 | 0.11E+01 | 0.12E+01 | 0.40E+01 | 0.18E+01 |
| | 0.43E+00 | 0.62E+00 | 0.56E+00 | | 0.64E+00 | 0.11E+01 | 0.50E+00 | 0.57E+00 | | | 0.98E+00 | 0.83E+00 | 0.70E+00 | 0.16E+00 | 0.97E+00 |
| | 0.14E+01 | 0.84E+00 | 0.15E+01 | | 0.95E+00 | 0.17E+01 | 0.13E+01 | 0.14E+01 | | | 0.13E+01 | 0.12E+01 | 0.12E+01 | 0.31E+00 | 0.22E+01 |
| ZR-0(P,5PXN)KR-80 | | | 0.11E+01 | 0.16E+01 | | 0.12E+01 | 0.17E+01 | 0.14E+01 | 0.13E+01 | | | | 0.12E+01 | 0.23E+01 | 0.19E+01 |
| | | | 0.84E+00 | 0.16E+01 | | 0.81E+00 | 0.16E+01 | 0.12E+01 | 0.92E+00 | | | | 0.10E+01 | 0.11E+01 | 0.39E+00 |
| | | | 0.97E+00 | 0.16E+01 | | 0.11E+01 | 0.17E+01 | 0.16E+01 | 0.14E+01 | | | | 0.13E+01 | 0.13E+01 | 0.46E+00 |
| ZR-0(P,5PXN)KR-81 | | | 0.16E+01 | 0.17E+01 | | 0.12E+01 | 0.17E+01 | 0.15E+01 | 0.11E+01 | | | | 0.12E+01 | 0.22E+01 | 0.22E+01 |
| | | | 0.57E+00 | 0.17E+01 | | 0.78E+00 | 0.16E+01 | 0.13E+01 | 0.93E+00 | | | | 0.12E+01 | 0.11E+01 | 0.41E+00 |
| | | | 0.76E+00 | 0.17E+01 | | 0.11E+01 | 0.18E+01 | 0.17E+01 | 0.10E+01 | | | | 0.14E+01 | 0.13E+01 | 0.49E+00 |
| ZR-0(P,5PXN)KR-82 | | | 0.14E+01 | 0.20E+01 | | 0.13E+01 | 0.18E+01 | 0.17E+01 | 0.13E+01 | | | | 0.13E+01 | 0.23E+01 | 0.19E+01 |
| | | | 0.66E+00 | 0.20E+01 | | 0.74E+00 | 0.17E+01 | 0.14E+01 | 0.77E+00 | | | | 0.11E+01 | 0.12E+01 | 0.40E+00 |
| | | | 0.78E+00 | 0.20E+01 | | 0.11E+01 | 0.19E+01 | 0.19E+01 | 0.78E+00 | | | | 0.14E+01 | 0.13E+01 | 0.46E+00 |
| ZR-0(P,5PXN)KR-83 | | | 0.11E+01 | 0.34E+01 | | 0.12E+01 | 0.18E+01 | 0.34E+01 | 0.10E+01 | | | | 0.13E+01 | 0.13E+01 | 0.22E+01 |
| | | | 0.97E+00 | 0.34E+01 | | 0.75E+00 | 0.17E+01 | 0.30E+01 | 0.94E+00 | | | | 0.12E+01 | 0.12E+01 | 0.43E+00 |

Table 8, part II: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\text{min}} \rangle$ and F_{max} .

| reaction | contribution | GL12 | IS11 | KA11 | KO11 | LA11 | MA11 | MI11 | MI21 | SH11 | SH21 | SH31 | SO11 | TA11 | YO11 |
|-------------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | 0.12E+01 | 0.34E+01 | | 0.11E+01 | 0.19E+01 | 0.39E+01 | 0.10E+01 | | 0.14E+01 | | 0.14E+01 | 0.50E+00 | 0.21E+01 |
| ZR-0(P,5PXN)KR-84 | | | 0.16E+01 | 0.13E+02 | | 0.11E+01 | 0.12E+01 | 0.36E+01 | 0.59E+01 | | 0.11E+01 | | 0.16E+01 | 0.15E+01 | 0.11E+01 |
| | | | 0.16E+01 | 0.13E+02 | | 0.87E+00 | 0.12E+01 | 0.31E+01 | 0.57E+01 | | 0.11E+01 | | 0.15E+01 | 0.62E+00 | 0.10E+01 |
| | | | 0.16E+01 | 0.13E+02 | | 0.11E+01 | 0.13E+01 | 0.40E+01 | 0.60E+01 | | 0.12E+01 | | 0.16E+01 | 0.74E+00 | 0.11E+01 |
| ZR-0(P,5PXN)KR-85 | | | 0.18E+01 | 0.12E+01 | | 0.10E+01 | 0.20E+01 | 0.14E+01 | 0.57E+01 | | 0.11E+01 | | 0.25E+01 | 0.26E+01 | 0.27E+01 |
| | | | 0.48E+00 | 0.86E+00 | | 0.98E+00 | 0.48E+00 | 0.71E+00 | 0.49E+01 | | 0.85E+00 | | 0.36E+00 | 0.36E+00 | 0.35E+00 |
| | | | 0.15E+01 | 0.86E+00 | | 0.10E+01 | 0.53E+00 | 0.75E+00 | 0.66E+01 | | 0.94E+00 | | 0.44E+00 | 0.41E+00 | 0.39E+00 |
| ZR-0(P,5PXN)KR-86 | | | 0.24E+01 | 0.14E+01 | | 0.23E+01 | 0.26E+01 | 0.20E+01 | 0.46E+01 | | 0.25E+01 | | 0.40E+01 | 0.44E+01 | 0.29E+01 |
| | | | 0.31E+00 | 0.70E+00 | | 0.12E+01 | 0.38E+00 | 0.49E+00 | 0.35E+01 | | 0.23E+01 | | 0.24E+00 | 0.18E+00 | 0.32E+00 |
| | | | 0.14E+01 | 0.70E+00 | | 0.31E+01 | 0.41E+00 | 0.51E+00 | 0.58E+01 | | 0.27E+01 | | 0.26E+00 | 0.29E+00 | 0.38E+00 |
| ZR-0(P,4PXN)RB-84 | 0.45E+01 | 0.26E+01 | 0.20E+01 | | 0.13E+01 | 0.15E+01 | 0.36E+01 | 0.49E+01 | | 0.13E+01 | 0.16E+01 | 0.19E+01 | 0.19E+01 | 0.17E+01 | 0.13E+01 |
| | 0.16E+01 | 0.21E+01 | 0.71E+00 | | 0.56E+00 | 0.44E+00 | 0.24E+01 | 0.42E+01 | | 0.61E+00 | 0.13E+01 | 0.15E+01 | 0.39E+00 | 0.50E+00 | 0.50E+00 |
| | 0.74E+01 | 0.32E+01 | 0.27E+01 | | 0.11E+01 | 0.14E+01 | 0.44E+01 | 0.55E+01 | | 0.14E+01 | 0.21E+01 | 0.26E+01 | 0.81E+00 | 0.12E+01 | 0.12E+01 |
| ZR-0(P,4PXN)RB-86 | | | 0.18E+01 | 0.15E+01 | | 0.35E+01 | 0.16E+01 | 0.31E+01 | 0.17E+02 | | 0.53E+01 | 0.32E+01 | 0.44E+01 | 0.16E+01 | 0.16E+01 |
| | | | 0.16E+01 | 0.67E+00 | | 0.33E+01 | 0.15E+01 | 0.30E+01 | 0.17E+02 | | 0.53E+01 | 0.31E+01 | 0.41E+01 | 0.16E+01 | 0.16E+01 |
| | | | 0.19E+01 | 0.67E+00 | | 0.38E+01 | 0.16E+01 | 0.33E+01 | 0.17E+02 | | 0.54E+01 | 0.33E+01 | 0.46E+01 | 0.17E+01 | 0.16E+01 |
| ZR-0(P,3PXN)SR-82 | | | 0.13E+01 | 0.34E+01 | | 0.11E+01 | 0.33E+01 | 0.13E+01 | 0.23E+01 | | 0.17E+01 | 0.12E+01 | 0.11E+01 | 0.40E+01 | 0.21E+01 |
| | | | 0.92E+00 | 0.26E+01 | | 0.84E+00 | 0.27E+01 | 0.93E+00 | 0.30E+00 | | 0.14E+01 | 0.76E+00 | 0.85E+00 | 0.21E+00 | 0.15E+01 |
| | | | 0.16E+01 | 0.40E+01 | | 0.11E+01 | 0.44E+01 | 0.17E+01 | 0.85E+00 | | 0.19E+01 | 0.91E+00 | 0.12E+01 | 0.29E+00 | 0.25E+01 |
| ZR-0(P,3PXN)SR-83 | 0.14E+01 | 0.20E+01 | 0.36E+01 | | 0.13E+01 | 0.18E+01 | 0.28E+01 | 0.18E+01 | | 0.16E+01 | 0.12E+01 | 0.12E+01 | 0.36E+01 | 0.18E+01 | 0.18E+01 |
| | 0.58E+00 | 0.17E+01 | 0.25E+01 | | 0.65E+00 | 0.14E+01 | 0.22E+01 | 0.38E+00 | | 0.13E+01 | 0.72E+00 | 0.65E+00 | 0.22E+00 | 0.13E+01 | 0.13E+01 |
| | 0.16E+01 | 0.22E+01 | 0.49E+01 | | 0.92E+00 | 0.24E+01 | 0.37E+01 | 0.11E+01 | | 0.20E+01 | 0.12E+01 | 0.10E+01 | 0.34E+00 | 0.23E+01 | 0.23E+01 |
| ZR-0(P,3PXN)SR-85 | | | 0.14E+01 | 0.39E+01 | | 0.13E+01 | 0.16E+01 | 0.29E+01 | 0.14E+01 | | 0.13E+01 | 0.14E+01 | 0.14E+01 | 0.27E+01 | 0.18E+01 |
| | | | 0.10E+01 | 0.28E+01 | | 0.68E+00 | 0.10E+01 | 0.22E+01 | 0.62E+00 | | 0.89E+00 | 0.11E+01 | 0.99E+00 | 0.29E+00 | 0.12E+01 |
| | | | 0.26E+01 | 0.63E+01 | | 0.19E+01 | 0.30E+01 | 0.56E+01 | 0.12E+01 | | 0.21E+01 | 0.23E+01 | 0.21E+01 | 0.70E+00 | 0.30E+01 |
| ZR-0(P,2PXN)Y-86 | 0.45E+01 | 0.17E+01 | 0.31E+01 | | 0.13E+01 | 0.17E+01 | 0.25E+01 | 0.17E+01 | | 0.29E+01 | 0.15E+02 | 0.23E+01 | 0.18E+01 | 0.18E+01 | 0.27E+01 |
| | 0.28E+01 | 0.97E+00 | 0.22E+01 | | 0.71E+00 | 0.11E+01 | 0.17E+01 | 0.11E+01 | | 0.21E+01 | 0.93E+01 | 0.16E+01 | 0.42E+00 | 0.18E+01 | 0.18E+01 |
| | 0.63E+01 | 0.23E+01 | 0.49E+01 | | 0.16E+01 | 0.24E+01 | 0.39E+01 | 0.26E+01 | | 0.48E+01 | 0.21E+02 | 0.36E+01 | 0.95E+00 | 0.42E+01 | 0.42E+01 |
| ZR-0(P,2PXN)Y-87 | 0.22E+01 | 0.13E+01 | 0.22E+01 | | 0.13E+01 | 0.19E+01 | 0.18E+01 | 0.16E+01 | | 0.13E+01 | 0.14E+01 | 0.16E+01 | 0.24E+01 | 0.18E+01 | 0.18E+01 |
| | 0.16E+01 | 0.65E+00 | 0.15E+01 | | 0.66E+00 | 0.12E+01 | 0.13E+01 | 0.51E+00 | | 0.97E+00 | 0.13E+01 | 0.11E+01 | 0.33E+00 | 0.13E+01 | 0.13E+01 |
| | 0.27E+01 | 0.16E+01 | 0.29E+01 | | 0.14E+01 | 0.25E+01 | 0.22E+01 | 0.76E+00 | | 0.15E+01 | 0.16E+01 | 0.21E+01 | 0.52E+00 | 0.22E+01 | 0.22E+01 |
| ZR-0(P,2PXN)Y-88 | 0.27E+01 | 0.24E+01 | 0.15E+01 | | 0.13E+01 | 0.15E+01 | 0.16E+01 | 0.54E+01 | | 0.13E+01 | 0.17E+01 | 0.15E+01 | 0.24E+01 | 0.15E+01 | 0.15E+01 |
| | 0.14E+01 | 0.25E+00 | 0.67E+00 | | 0.73E+00 | 0.66E+00 | 0.10E+01 | 0.31E+01 | | 0.80E+00 | 0.14E+01 | 0.11E+01 | 0.32E+00 | 0.74E+00 | 0.74E+00 |
| | 0.49E+01 | 0.94E+00 | 0.23E+01 | | 0.20E+01 | 0.22E+01 | 0.25E+01 | 0.77E+01 | | 0.18E+01 | 0.24E+01 | 0.21E+01 | 0.68E+00 | 0.20E+01 | 0.20E+01 |
| ZR-0(P,PXN)ZR-86 | 0.13E+01 | 0.17E+01 | 0.25E+01 | | 0.16E+01 | 0.64E+01 | 0.16E+01 | 0.10E+02 | | 0.20E+01 | 0.20E+01 | 0.23E+01 | 0.72E+01 | 0.15E+01 | 0.15E+01 |
| | 0.79E+00 | 0.38E+00 | 0.18E+01 | | 0.41E+00 | 0.40E+01 | 0.47E+00 | 0.67E-01 | | 0.10E+01 | 0.41E+00 | 0.25E+00 | 0.77E-01 | 0.65E+00 | 0.65E+00 |
| | 0.13E+01 | 0.91E+00 | 0.33E+01 | | 0.18E+01 | 0.11E+02 | 0.14E+01 | 0.14E+00 | | 0.28E+01 | 0.64E+00 | 0.85E+00 | 0.22E+00 | 0.18E+01 | 0.18E+01 |
| ZR-0(P,PXN)ZR-88 | 0.20E+01 | 0.13E+01 | 0.25E+01 | | 0.14E+01 | 0.19E+01 | 0.13E+01 | 0.31E+01 | | 0.12E+01 | 0.12E+01 | 0.16E+01 | 0.36E+01 | 0.15E+01 | 0.15E+01 |
| | 0.15E+01 | 0.63E+00 | 0.19E+01 | | 0.48E+00 | 0.14E+01 | 0.92E+00 | 0.24E+00 | | 0.64E+00 | 0.84E+00 | 0.79E+00 | 0.17E+00 | 0.88E+00 | 0.88E+00 |
| | 0.26E+01 | 0.15E+01 | 0.34E+01 | | 0.20E+01 | 0.27E+01 | 0.19E+01 | 0.40E+00 | | 0.13E+01 | 0.14E+01 | 0.21E+01 | 0.41E+00 | 0.19E+01 | 0.19E+01 |
| ZR-0(P,PXN)ZR-89 | 0.24E+01 | 0.16E+01 | 0.16E+01 | | 0.15E+01 | 0.14E+01 | 0.13E+01 | 0.25E+01 | | 0.19E+01 | 0.13E+01 | 0.16E+01 | 0.45E+01 | 0.17E+01 | 0.17E+01 |

Table 8, part II: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\text{int}} \rangle$ and F_{max} .

| reaction | contribution | GL12 | IS11 | KA11 | KO11 | LA11 | MA11 | MI11 | MI21 | SH11 | SH21 | SH31 | SO11 | TA11 | YO11 |
|-----------------------|--------------|----------|----------|----------|------|----------|----------|----------|----------|------|----------|----------|----------|----------|----------|
| | | 0.16E+01 | 0.30E+00 | 0.91E+00 | | 0.26E+00 | 0.45E+00 | 0.49E+00 | 0.27E+00 | | 0.21E+00 | 0.60E+00 | 0.39E+00 | 0.86E-01 | 0.66E+00 |
| | | 0.34E+01 | 0.11E+01 | 0.21E+01 | | 0.14E+01 | 0.15E+01 | 0.13E+01 | 0.72E+00 | | 0.79E+00 | 0.94E+00 | 0.19E+01 | 0.33E+00 | 0.24E+01 |
| ZR-0(P,PXN)ZR-95 | | 0.39E+01 | 0.25E+01 | 0.34E+01 | | 0.14E+01 | 0.15E+01 | 0.16E+01 | 0.22E+02 | | | | 0.20E+01 | 0.54E+01 | 0.14E+01 |
| | | 0.20E+01 | 0.18E+00 | 0.14E+01 | | 0.40E+00 | 0.35E+00 | 0.31E+00 | 0.39E+01 | | | | 0.84E+00 | 0.74E-01 | 0.43E+00 |
| | | 0.75E+01 | 0.10E+01 | 0.55E+01 | | 0.13E+01 | 0.12E+01 | 0.10E+01 | 0.56E+02 | | | | 0.27E+01 | 0.28E+00 | 0.15E+01 |
| ZR-0(P,XN)NB-90 | | 0.13E+01 | 0.15E+01 | 0.67E+01 | | 0.19E+01 | 0.43E+01 | 0.16E+01 | 0.17E+02 | | 0.14E+02 | 0.12E+01 | 0.26E+01 | 0.40E+01 | 0.14E+01 |
| | | 0.13E+01 | 0.59E+00 | 0.10E+01 | | 0.24E+00 | 0.88E+00 | 0.55E+00 | 0.50E-01 | | 0.11E+01 | 0.12E+01 | 0.13E+01 | 0.15E+00 | 0.67E+00 |
| | | 0.13E+01 | 0.17E+01 | 0.16E+02 | | 0.11E+01 | 0.86E+01 | 0.22E+01 | 0.94E-01 | | 0.32E+02 | 0.13E+01 | 0.47E+01 | 0.47E+00 | 0.18E+01 |
| ZR-0(P,XN)NB-95 | | 0.23E+02 | 0.50E+01 | 0.11E+02 | | 0.89E+01 | 0.11E+02 | 0.66E+01 | 0.23E+01 | | | | 0.11E+02 | 0.21E+01 | 0.59E+01 |
| | | 0.19E+02 | 0.53E-01 | 0.74E+01 | | 0.17E+01 | 0.83E+01 | 0.20E+01 | 0.22E+00 | | | | 0.47E+01 | 0.71E+00 | 0.21E+01 |
| | | 0.26E+02 | 0.98E+00 | 0.15E+02 | | 0.17E+02 | 0.14E+02 | 0.11E+02 | 0.96E+00 | | | | 0.17E+02 | 0.27E+01 | 0.91E+01 |
| AU-197(P,76PXXN)BE-7 | | | 0.43E+01 | | | 0.26E+01 | | 0.54E+03 | 0.28E+01 | | | | 0.37E+01 | 0.14E+03 | |
| | | | 0.65E-01 | | | 0.11E+01 | | 0.15E+03 | 0.12E+01 | | | | 0.14E+00 | 0.12E+03 | |
| | | | 0.49E+01 | | | 0.49E+01 | | 0.14E+04 | 0.83E+01 | | | | 0.62E+00 | 0.27E+03 | |
| AU-197(P,69PXXN)NA-22 | | | | 0.21E+02 | | 0.70E+01 | | 0.26E+01 | 0.74E+01 | | | | 0.17E+02 | 0.25E+01 | 0.39E+01 |
| | | | | 0.21E+02 | | 0.10E+00 | | 0.83E+00 | 0.80E-01 | | | | 0.40E-01 | 0.15E+00 | 0.31E+01 |
| | | | | 0.21E+02 | | 0.21E+00 | | 0.56E+01 | 0.32E+00 | | | | 0.77E-01 | 0.10E+01 | 0.47E+01 |
| AU-197(P,69PXXN)NA-24 | | | 0.46E+01 | 0.61E+01 | | 0.22E+01 | | 0.28E+01 | 0.36E+01 | | | | 0.18E+01 | 0.27E+01 | 0.15E+02 |
| | | | 0.25E+00 | 0.22E+01 | | 0.27E+00 | | 0.12E+01 | 0.35E-01 | | | | 0.64E+00 | 0.39E-01 | 0.35E+01 |
| | | | 0.32E+02 | 0.14E+02 | | 0.39E+01 | | 0.77E+01 | 0.17E+01 | | | | 0.54E+01 | 0.75E+01 | 0.34E+02 |
| AU-197(P,59P93N)SC-46 | | | 0.23E+01 | 0.24E+01 | | 0.71E+01 | | 0.22E+01 | 0.59E+01 | | 0.77E+01 | | 0.24E+01 | 0.30E+01 | 0.18E+01 |
| | | | 0.22E+00 | 0.22E+00 | | 0.48E-01 | | 0.49E+00 | 0.36E-01 | | 0.94E+00 | | 0.18E+00 | 0.26E+00 | 0.44E+00 |
| | | | 0.79E+00 | 0.11E+01 | | 0.48E+00 | | 0.46E+01 | 0.46E+00 | | 0.16E+03 | | 0.11E+01 | 0.93E+00 | 0.30E+01 |
| AU-197(P,55P89N)MN-54 | | | 0.21E+01 | 0.42E+01 | | 0.11E+02 | | 0.49E+01 | 0.51E+01 | | 0.25E+01 | | 0.38E+01 | 0.33E+01 | 0.23E+01 |
| | | | 0.32E+00 | 0.13E+00 | | 0.45E-01 | | 0.10E+00 | 0.57E-01 | | 0.69E+00 | | 0.14E+00 | 0.16E+00 | 0.19E+00 |
| | | | 0.12E+01 | 0.24E+01 | | 0.24E+00 | | 0.23E+01 | 0.49E+00 | | 0.16E+02 | | 0.68E+00 | 0.77E+00 | 0.14E+01 |
| AU-197(P,54P85N)FE-59 | | | 0.22E+01 | 0.36E+01 | | 0.55E+01 | | 0.32E+01 | 0.13E+01 | | 0.28E+01 | | 0.27E+01 | 0.30E+01 | 0.18E+01 |
| | | | 0.28E+00 | 0.17E+00 | | 0.11E+00 | | 0.19E+00 | 0.63E+00 | | 0.51E+00 | | 0.19E+00 | 0.18E+00 | 0.37E+00 |
| | | | 0.71E+00 | 0.76E+01 | | 0.29E+00 | | 0.23E+01 | 0.13E+01 | | 0.28E+02 | | 0.11E+01 | 0.16E+01 | 0.84E+00 |
| AU-197(P,53P87N)CO-58 | | | 0.31E+01 | 0.65E+01 | | 0.76E+01 | | 0.33E+01 | 0.42E+01 | | 0.36E+01 | | 0.19E+01 | 0.25E+01 | 0.15E+01 |
| | | | 0.30E+00 | 0.12E+00 | | 0.11E+00 | | 0.17E+00 | 0.17E+00 | | 0.89E+00 | | 0.51E+00 | 0.31E+00 | 0.12E+01 |
| | | | 0.61E+01 | 0.24E+00 | | 0.16E+00 | | 0.59E+00 | 0.48E+00 | | 0.71E+01 | | 0.53E+00 | 0.74E+00 | 0.16E+01 |
| AU-197(P,53P85N)CO-60 | | | 0.23E+01 | 0.43E+01 | | 0.74E+01 | | 0.38E+01 | 0.17E+01 | | 0.36E+01 | | 0.32E+01 | 0.21E+01 | 0.13E+01 |
| | | | 0.45E+00 | 0.11E+00 | | 0.72E-01 | | 0.13E+00 | 0.35E+00 | | 0.62E+00 | | 0.17E+00 | 0.30E+00 | 0.58E+00 |
| | | | 0.47E+01 | 0.32E+01 | | 0.36E+00 | | 0.51E+01 | 0.14E+01 | | 0.72E+02 | | 0.14E+01 | 0.14E+01 | 0.12E+01 |
| AU-197(P,50P83N)ZN-65 | | | 0.20E+01 | 0.52E+01 | | 0.48E+01 | | 0.36E+01 | 0.48E+01 | | 0.75E+01 | | 0.56E+01 | 0.23E+01 | 0.22E+01 |
| | | | 0.48E+00 | 0.93E-01 | | 0.13E+00 | | 0.19E+00 | 0.13E+00 | | 0.87E+00 | | 0.11E+00 | 0.25E+00 | 0.49E+00 |
| | | | 0.27E+01 | 0.16E+01 | | 0.42E+00 | | 0.44E+01 | 0.49E+00 | | 0.36E+02 | | 0.33E+00 | 0.97E+00 | 0.44E+01 |
| AU-197(P,47P77N)AS-74 | | | 0.16E+02 | 0.53E+01 | | 0.90E+01 | | 0.26E+01 | 0.15E+01 | | 0.35E+01 | | 0.43E+01 | 0.24E+01 | 0.18E+01 |
| | | | 0.32E+00 | 0.11E+00 | | 0.86E-01 | | 0.39E+00 | 0.52E+00 | | 0.70E+00 | | 0.16E+00 | 0.27E+00 | 0.66E+00 |
| | | | 0.64E+02 | 0.21E+02 | | 0.20E+00 | | 0.52E+01 | 0.18E+01 | | 0.11E+02 | | 0.47E+00 | 0.39E+01 | 0.22E+01 |

Table 8, part II: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\text{int}} \rangle$ and F_{max} .

| reaction | contribution | GL12 | IS11 | KA11 | KO11 | LA11 | MA11 | MI11 | MI21 | SH11 | SH21 | SH31 | SO11 | TA11 | YO11 |
|------------------------|--------------|------|----------|----------|------|----------|----------|----------|----------|------|----------|------|----------|----------|----------|
| AU-197(P,46P77N)SE-75 | | | 0.26E+01 | 0.49E+01 | | 0.88E+01 | | 0.19E+01 | 0.52E+01 | | 0.33E+01 | | 0.87E+01 | 0.18E+01 | 0.18E+01 |
| | | | 0.97E+00 | 0.94E-01 | | 0.75E-01 | | 0.49E+00 | 0.13E+00 | | 0.51E+00 | | 0.58E-01 | 0.42E+00 | 0.42E+00 |
| | | | 0.46E+01 | 0.18E+01 | | 0.29E+00 | | 0.31E+01 | 0.41E+00 | | 0.86E+01 | | 0.27E+00 | 0.11E+01 | 0.22E+01 |
| AU-197(P,45P71N)BR-82 | | | | | | | | 0.37E+01 | 0.34E+01 | | | | | | 0.19E+01 |
| | | | | | | | | 0.23E+00 | 0.21E+01 | | | | | | 0.51E+00 |
| | | | | | | | | 0.46E+01 | 0.76E+01 | | | | | | 0.23E+01 |
| AU-197(P,43P71N)RB-84 | | | 0.76E+01 | 0.20E+01 | | 0.99E+01 | 0.19E+02 | 0.12E+02 | 0.18E+01 | | 0.23E+01 | | 0.46E+01 | 0.30E+01 | 0.24E+01 |
| | | | 0.18E+01 | 0.10E+01 | | 0.50E-01 | 0.19E+02 | 0.18E+01 | 0.27E+00 | | 0.32E+00 | | 0.51E-01 | 0.17E+00 | 0.19E+00 |
| | | | 0.15E+02 | 0.44E+01 | | 0.14E+00 | 0.19E+02 | 0.47E+02 | 0.15E+01 | | 0.56E+01 | | 0.48E+00 | 0.65E+01 | 0.27E+01 |
| AU-197(P,43P69N)RB-86 | | | 0.36E+02 | 0.18E+01 | | 0.23E+01 | | 0.30E+01 | 0.87E+01 | | 0.50E+01 | | 0.22E+01 | 0.22E+01 | 0.25E+01 |
| | | | 0.12E+01 | 0.41E+00 | | 0.26E+00 | | 0.89E+00 | 0.34E+01 | | 0.87E+00 | | 0.69E+00 | 0.11E+01 | 0.61E+00 |
| | | | 0.19E+03 | 0.91E+00 | | 0.79E+00 | | 0.79E+01 | 0.17E+02 | | 0.50E+02 | | 0.51E+01 | 0.31E+01 | 0.35E+01 |
| AU-197(P,42P71N)SR-85 | | | 0.33E+01 | 0.24E+01 | | 0.98E+01 | | 0.59E+01 | 0.22E+01 | | 0.19E+01 | | 0.79E+01 | 0.14E+01 | 0.17E+01 |
| | | | 0.30E+00 | 0.73E+00 | | 0.70E-01 | | 0.31E+01 | 0.31E+00 | | 0.75E+00 | | 0.91E-01 | 0.75E+00 | 0.84E+00 |
| | | | 0.61E+01 | 0.54E+01 | | 0.17E+00 | | 0.13E+02 | 0.75E+00 | | 0.41E+01 | | 0.18E+00 | 0.21E+01 | 0.22E+01 |
| AU-197(P,41P70N)Y-87 | | | 0.54E+01 | 0.20E+01 | | 0.96E+01 | 0.59E+01 | 0.51E+01 | 0.44E+01 | | 0.25E+01 | | 0.69E+01 | 0.15E+01 | 0.20E+01 |
| | | | 0.19E+01 | 0.54E+00 | | 0.45E-01 | 0.59E+01 | 0.29E+01 | 0.11E+00 | | 0.75E+00 | | 0.76E-01 | 0.71E+00 | 0.46E+00 |
| | | | 0.12E+02 | 0.43E+01 | | 0.28E+00 | 0.59E+01 | 0.13E+02 | 0.42E+00 | | 0.16E+02 | | 0.38E+00 | 0.28E+01 | 0.28E+01 |
| AU-197(P,41P69N)Y-88 | | | 0.16E+01 | 0.35E+01 | | 0.12E+02 | 0.10E+01 | 0.17E+01 | 0.14E+01 | | 0.21E+01 | | 0.18E+02 | 0.30E+01 | 0.16E+01 |
| | | | 0.66E+00 | 0.16E+00 | | 0.58E-01 | 0.10E+01 | 0.47E+00 | 0.59E+00 | | 0.33E+00 | | 0.36E-01 | 0.18E+00 | 0.40E+00 |
| | | | 0.21E+01 | 0.22E+01 | | 0.15E+00 | 0.10E+01 | 0.23E+01 | 0.10E+01 | | 0.30E+01 | | 0.94E-01 | 0.10E+01 | 0.90E+00 |
| AU-197(P,40P70N)ZR-88 | | | 0.44E+01 | 0.23E+01 | | 0.10E+02 | | 0.71E+01 | 0.92E+01 | | 0.47E+01 | | 0.90E+01 | 0.14E+01 | 0.25E+01 |
| | | | 0.36E+01 | 0.57E+00 | | 0.50E-01 | | 0.19E+01 | 0.59E-01 | | 0.13E+01 | | 0.74E-01 | 0.63E+00 | 0.44E+00 |
| | | | 0.50E+01 | 0.11E+02 | | 0.40E+00 | | 0.33E+02 | 0.30E+00 | | 0.32E+02 | | 0.57E+00 | 0.20E+01 | 0.67E+01 |
| AU-197(P,40P69N)ZR-89 | | | 0.58E+01 | 0.20E+01 | | 0.11E+02 | 0.34E+01 | 0.31E+01 | 0.59E+01 | | 0.26E+01 | | 0.75E+01 | 0.15E+01 | 0.20E+01 |
| | | | 0.40E+00 | 0.32E+00 | | 0.32E-01 | 0.34E+01 | 0.11E+01 | 0.58E-01 | | 0.94E+00 | | 0.47E-01 | 0.34E+00 | 0.33E+00 |
| | | | 0.27E+02 | 0.15E+01 | | 0.31E+00 | 0.34E+01 | 0.76E+01 | 0.31E+00 | | 0.88E+01 | | 0.37E+00 | 0.18E+01 | 0.24E+01 |
| AU-197(P,40P63N)ZR-95 | | | 0.99E+01 | 0.71E+01 | | 0.20E+01 | | 0.22E+01 | 0.54E+01 | | 0.23E+01 | | 0.17E+01 | 0.26E+01 | 0.26E+01 |
| | | | 0.75E+00 | 0.81E-01 | | 0.39E+00 | | 0.66E+00 | 0.22E+01 | | 0.14E+01 | | 0.11E+01 | 0.24E+00 | 0.64E-01 |
| | | | 0.41E+02 | 0.27E+02 | | 0.64E+00 | | 0.60E+01 | 0.14E+02 | | 0.78E+01 | | 0.24E+01 | 0.38E+01 | 0.13E+01 |
| AU-197(P,39P64N)NB-95 | | | 0.78E+01 | 0.19E+01 | | 0.45E+01 | | 0.27E+01 | 0.16E+01 | | 0.20E+01 | | 0.21E+01 | 0.31E+01 | 0.28E+01 |
| | | | 0.62E+00 | 0.24E+00 | | 0.16E+00 | | 0.82E+00 | 0.11E+01 | | 0.80E+00 | | 0.36E+00 | 0.48E+00 | 0.27E+00 |
| | | | 0.25E+02 | 0.36E+01 | | 0.36E+00 | | 0.63E+01 | 0.29E+01 | | 0.78E+01 | | 0.95E+00 | 0.66E+01 | 0.40E+01 |
| AU-197(P,37P65N)TC-96 | | | 0.11E+02 | 0.18E+01 | | 0.11E+02 | 0.10E+01 | 0.34E+01 | 0.10E+02 | | 0.16E+01 | | 0.90E+01 | 0.16E+01 | 0.17E+01 |
| | | | 0.90E+00 | 0.40E+00 | | 0.51E-01 | 0.10E+01 | 0.73E+00 | 0.59E-01 | | 0.82E+00 | | 0.43E-01 | 0.33E+00 | 0.56E+00 |
| | | | 0.26E+02 | 0.24E+01 | | 0.20E+00 | 0.10E+01 | 0.11E+02 | 0.18E+00 | | 0.25E+01 | | 0.44E+00 | 0.16E+01 | 0.24E+01 |
| AU-197(P,36P59N)RU-103 | | | 0.85E+01 | 0.42E+01 | | 0.21E+01 | 0.26E+02 | 0.43E+01 | 0.24E+01 | | 0.18E+01 | | 0.12E+01 | 0.30E+01 | 0.29E+01 |
| | | | 0.52E+00 | 0.54E-01 | | 0.32E+00 | 0.26E+02 | 0.47E+00 | 0.14E+01 | | 0.10E+01 | | 0.68E+00 | 0.17E+00 | 0.58E-01 |
| | | | 0.23E+02 | 0.68E+01 | | 0.70E+00 | 0.26E+02 | 0.27E+02 | 0.36E+01 | | 0.30E+01 | | 0.13E+01 | 0.49E+01 | 0.19E+01 |
| AU-197(P,35P61N)RH-102 | | | 0.18E+01 | 0.24E+01 | | 0.10E+02 | 0.22E+01 | 0.37E+01 | 0.49E+01 | | 0.16E+01 | | 0.69E+01 | 0.19E+01 | 0.16E+01 |
| | | | 0.46E+00 | 0.20E+00 | | 0.39E-01 | 0.22E+01 | 0.37E+00 | 0.15E+00 | | 0.92E+00 | | 0.63E-01 | 0.27E+00 | 0.36E+00 |

Table 8, part II: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\text{min}} \rangle$ and F_{max} .

| reaction | contribution | GL12 | IS11 | KA11 | KO11 | LA11 | MA11 | MI11 | MI21 | SH11 | SH21 | SH31 | SO11 | TA11 | YO11 |
|------------------------|--------------|------|----------|----------|------|----------|----------|----------|----------|------|----------|----------|----------|----------|----------|
| | | | 0.17E+01 | 0.12E+01 | | 0.32E+00 | 0.22E+01 | 0.83E+01 | 0.38E+00 | | 0.24E+01 | | 0.87E+00 | 0.17E+01 | 0.17E+01 |
| AU-197(P,33P60N)AG-105 | | | | 0.20E+01 | | 0.51E+01 | 0.21E+01 | 0.27E+01 | 0.60E+01 | | 0.55E+01 | | 0.37E+01 | 0.18E+01 | 0.30E+01 |
| | | | | 0.96E+00 | | 0.89E-01 | 0.36E+00 | 0.69E+00 | 0.99E-01 | | 0.99E+00 | | 0.11E+00 | 0.12E+01 | 0.16E+01 |
| | | | | 0.27E+01 | | 0.49E+00 | 0.81E+00 | 0.73E+01 | 0.30E+00 | | 0.19E+02 | | 0.55E+00 | 0.26E+01 | 0.44E+01 |
| AU-197(P,30P55N)SN-113 | | | 0.35E+01 | 0.29E+01 | | 0.10E+02 | 0.11E+01 | 0.40E+01 | 0.10E+02 | | 0.28E+01 | | 0.67E+01 | 0.23E+01 | 0.24E+01 |
| | | | 0.63E+00 | 0.65E+00 | | 0.25E-01 | 0.11E+01 | 0.82E+00 | 0.49E+00 | | 0.32E+00 | | 0.47E-01 | 0.33E+00 | 0.24E+00 |
| | | | 0.11E+02 | 0.64E+01 | | 0.14E+01 | 0.11E+01 | 0.14E+02 | 0.15E+03 | | 0.65E+01 | | 0.11E+01 | 0.45E+01 | 0.61E+01 |
| AU-197(P,28P49N)TE-121 | | | | 0.34E+01 | | 0.77E+01 | 0.70E+01 | 0.46E+01 | 0.21E+01 | | 0.12E+01 | | 0.95E+01 | 0.25E+01 | 0.23E+01 |
| | | | | 0.26E+00 | | 0.50E-01 | 0.49E+01 | 0.23E+00 | 0.23E+00 | | 0.72E+00 | | 0.40E+00 | 0.23E+00 | 0.26E+00 |
| | | | | 0.54E+01 | | 0.17E+01 | 0.95E+01 | 0.89E+01 | 0.16E+01 | | 0.14E+01 | | 0.61E+02 | 0.30E+01 | 0.29E+01 |
| AU-197(P,26P45N)XE-127 | | | 0.35E+01 | 0.31E+01 | | 0.26E+01 | 0.11E+01 | 0.33E+01 | 0.19E+01 | | 0.31E+01 | | 0.19E+01 | 0.33E+01 | 0.31E+01 |
| | | | 0.84E-01 | 0.14E+00 | | 0.23E+00 | 0.95E+00 | 0.12E+00 | 0.59E+00 | | 0.37E+00 | | 0.60E+00 | 0.13E+00 | 0.15E+00 |
| | | | 0.21E+01 | 0.24E+01 | | 0.36E+01 | 0.95E+00 | 0.28E+01 | 0.43E+01 | | 0.97E+01 | | 0.35E+01 | 0.20E+01 | 0.19E+01 |
| AU-197(P,24P43N)BA-131 | | | 0.25E+01 | 0.31E+01 | | 0.35E+01 | 0.19E+01 | 0.31E+01 | 0.24E+01 | | 0.24E+01 | | 0.72E+01 | 0.25E+01 | 0.25E+01 |
| | | | 0.21E+00 | 0.45E+00 | | 0.53E+00 | 0.38E+00 | 0.38E+00 | 0.12E+01 | | 0.56E+00 | | 0.16E+01 | 0.21E+00 | 0.26E+00 |
| | | | 0.22E+01 | 0.60E+01 | | 0.57E+01 | 0.12E+01 | 0.48E+01 | 0.45E+01 | | 0.60E+01 | | 0.14E+02 | 0.25E+01 | 0.31E+01 |
| AU-197(P,24P41N)BA-133 | | | | | | | 0.21E+01 | 0.38E+01 | 0.27E+01 | | | | | | 0.20E+01 |
| | | | | | | | 0.38E+00 | 0.15E+01 | 0.12E+01 | | | | | | 0.43E+00 |
| | | | | | | | 0.65E+00 | 0.83E+01 | 0.55E+01 | | | | | | 0.34E+01 |
| AU-197(P,22P37N)CE-139 | | | 0.38E+01 | 0.49E+01 | | 0.34E+01 | 0.17E+01 | 0.51E+01 | 0.25E+01 | | 0.20E+01 | | 0.20E+01 | 0.35E+01 | 0.46E+01 |
| | | | 0.33E-01 | 0.56E-01 | | 0.27E+00 | 0.54E+00 | 0.45E-01 | 0.17E+00 | | 0.38E+00 | | 0.86E+00 | 0.75E-01 | 0.55E-01 |
| | | | 0.15E+01 | 0.17E+01 | | 0.52E+01 | 0.70E+00 | 0.25E+01 | 0.47E+01 | | 0.25E+01 | | 0.32E+01 | 0.20E+01 | 0.17E+01 |
| AU-197(P,19P36N)PM-143 | | | | | | | 0.20E+02 | 0.36E+01 | 0.24E+01 | | | | | | 0.30E+01 |
| | | | | | | | 0.11E+02 | 0.93E-01 | 0.13E+00 | | | | | | 0.17E+00 |
| | | | | | | | 0.85E+02 | 0.28E+01 | 0.27E+01 | | | | | | 0.43E+01 |
| AU-197(P,17P36N)EU-145 | | | 0.29E+01 | 0.66E+01 | | 0.51E+01 | 0.18E+01 | 0.53E+01 | 0.24E+01 | | 0.16E+01 | 0.19E+01 | 0.22E+01 | 0.31E+01 | 0.45E+01 |
| | | | 0.10E+01 | 0.92E+00 | | 0.14E+01 | 0.44E+00 | 0.32E+00 | 0.26E+00 | | 0.66E+00 | 0.14E+01 | 0.62E+00 | 0.21E+00 | 0.45E+00 |
| | | | 0.46E+01 | 0.19E+02 | | 0.99E+01 | 0.23E+01 | 0.11E+02 | 0.40E+01 | | 0.30E+01 | 0.22E+01 | 0.41E+01 | 0.59E+01 | 0.11E+02 |
| AU-197(P,17P34N)EU-147 | | | 0.30E+01 | 0.34E+01 | | 0.61E+01 | 0.18E+01 | 0.40E+01 | 0.26E+02 | | 0.17E+01 | 0.74E+01 | 0.40E+01 | 0.26E+01 | 0.29E+01 |
| | | | 0.11E+00 | 0.62E+00 | | 0.28E+01 | 0.58E+00 | 0.15E+00 | 0.62E+01 | | 0.74E+00 | 0.31E+01 | 0.55E+00 | 0.26E+00 | 0.36E+00 |
| | | | 0.40E+01 | 0.77E+01 | | 0.94E+01 | 0.30E+01 | 0.53E+01 | 0.70E+02 | | 0.33E+01 | 0.14E+02 | 0.71E+01 | 0.30E+01 | 0.49E+01 |
| AU-197(P,17P33N)EU-148 | | | 0.86E+01 | 0.96E+01 | | 0.35E+01 | 0.25E+01 | 0.11E+02 | 0.17E+01 | | 0.37E+01 | | 0.19E+02 | 0.12E+02 | 0.14E+02 |
| | | | 0.54E-01 | 0.41E-01 | | 0.16E+01 | 0.25E+00 | 0.29E-01 | 0.66E+00 | | 0.15E+00 | | 0.83E+01 | 0.30E-01 | 0.27E-01 |
| | | | 0.20E+00 | 0.30E+00 | | 0.58E+01 | 0.70E+00 | 0.22E+00 | 0.27E+01 | | 0.45E+00 | | 0.38E+02 | 0.22E+00 | 0.18E+00 |
| AU-197(P,17P32N)EU-149 | | | 0.30E+01 | 0.31E+01 | | 0.81E+01 | 0.18E+01 | 0.40E+01 | 0.18E+03 | | 0.23E+01 | 0.89E+01 | 0.31E+02 | 0.23E+01 | 0.26E+01 |
| | | | 0.19E+01 | 0.79E+00 | | 0.36E+01 | 0.84E+00 | 0.74E+00 | 0.63E+02 | | 0.11E+01 | 0.67E+01 | 0.51E+01 | 0.51E+00 | 0.59E+00 |
| | | | 0.51E+01 | 0.69E+01 | | 0.13E+02 | 0.33E+01 | 0.58E+01 | 0.39E+03 | | 0.59E+01 | 0.11E+02 | 0.25E+03 | 0.37E+01 | 0.45E+01 |
| AU-197(P,16P36N)GD-146 | | | 0.73E+01 | 0.33E+02 | | 0.62E+01 | 0.18E+01 | 0.10E+02 | 0.28E+01 | | 0.32E+01 | | 0.53E+01 | 0.41E+01 | 0.77E+01 |
| | | | 0.18E+00 | 0.97E+01 | | 0.21E+01 | 0.65E+00 | 0.65E+00 | 0.48E+00 | | 0.12E+01 | | 0.25E+01 | 0.63E+00 | 0.13E+01 |
| | | | 0.95E+01 | 0.11E+03 | | 0.12E+02 | 0.32E+01 | 0.24E+02 | 0.64E+01 | | 0.91E+01 | | 0.85E+01 | 0.14E+02 | 0.27E+02 |
| AU-197(P,16P35N)GD-147 | | | 0.95E+01 | 0.17E+02 | | 0.85E+01 | 0.18E+01 | 0.13E+02 | 0.38E+01 | | 0.27E+01 | | 0.55E+01 | 0.40E+01 | 0.69E+01 |

Table 8, part II: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\text{min}} \rangle$ and F_{max} .

| reaction | contribution | GL12 | IS11 | KA11 | KO11 | LA11 | MA11 | MI11 | MI21 | SH11 | SH21 | SH31 | SO11 | TA11 | YO11 |
|------------------------|--------------|------|----------|----------|------|----------|----------|----------|----------|------|----------|----------|----------|----------|----------|
| | | | 0.50E+01 | 0.79E+01 | | 0.65E+01 | 0.65E+00 | 0.26E+01 | 0.21E+01 | | 0.95E+00 | | 0.27E+01 | 0.14E+01 | 0.21E+01 |
| | | | 0.15E+02 | 0.35E+02 | | 0.14E+02 | 0.32E+01 | 0.17E+02 | 0.64E+01 | | 0.91E+01 | | 0.25E+02 | 0.68E+01 | 0.13E+02 |
| AU-197(P,16P33N)GD-149 | | | 0.41E+01 | 0.47E+01 | | 0.55E+01 | 0.17E+01 | 0.62E+01 | 0.27E+01 | | 0.20E+01 | 0.61E+01 | 0.12E+02 | 0.29E+01 | 0.38E+01 |
| | | | 0.17E+00 | 0.63E+00 | | 0.14E+01 | 0.90E+00 | 0.26E+00 | 0.39E+00 | | 0.75E+00 | 0.51E+01 | 0.10E+01 | 0.30E+00 | 0.52E+00 |
| | | | 0.53E+01 | 0.11E+02 | | 0.10E+02 | 0.33E+01 | 0.12E+02 | 0.58E+01 | | 0.45E+01 | 0.83E+01 | 0.42E+02 | 0.42E+01 | 0.74E+01 |
| AU-197(P,16P31N)GD-151 | | | 0.29E+01 | 0.20E+01 | | 0.78E+01 | 0.17E+01 | 0.28E+01 | 0.22E+01 | | 0.19E+01 | 0.13E+02 | 0.52E+02 | 0.18E+01 | 0.20E+01 |
| | | | 0.42E+00 | 0.38E+00 | | 0.35E+01 | 0.99E+00 | 0.25E+00 | 0.86E+00 | | 0.76E+00 | 0.13E+02 | 0.17E+02 | 0.45E+00 | 0.48E+00 |
| | | | 0.40E+01 | 0.24E+01 | | 0.21E+02 | 0.24E+01 | 0.29E+01 | 0.34E+01 | | 0.37E+01 | 0.13E+02 | 0.25E+03 | 0.21E+01 | 0.26E+01 |
| AU-197(P,16P29N)GD-153 | | | 0.38E+01 | 0.36E+01 | | 0.49E+01 | 0.13E+01 | 0.42E+01 | 0.17E+03 | | 0.16E+01 | 0.16E+02 | 0.23E+02 | 0.30E+01 | 0.31E+01 |
| | | | 0.40E-01 | 0.68E-01 | | 0.37E+01 | 0.64E+00 | 0.44E-01 | 0.56E+02 | | 0.65E+00 | 0.15E+02 | 0.14E+02 | 0.10E+00 | 0.94E-01 |
| | | | 0.99E+00 | 0.15E+01 | | 0.97E+01 | 0.13E+01 | 0.14E+01 | 0.36E+03 | | 0.25E+01 | 0.17E+02 | 0.39E+02 | 0.15E+01 | 0.16E+01 |
| AU-197(P,15P34N)TB-149 | | | 0.36E+01 | 0.33E+01 | | 0.37E+01 | 0.98E+01 | 0.35E+01 | | | 0.51E+01 | | 0.49E+01 | 0.63E+01 | 0.36E+01 |
| | | | 0.51E-01 | 0.14E+00 | | 0.56E-01 | 0.74E-01 | 0.87E-01 | | | 0.15E+00 | | 0.69E-01 | 0.20E-01 | 0.68E-01 |
| | | | 0.45E+01 | 0.40E+01 | | 0.64E+00 | 0.18E+00 | 0.31E+01 | | | 0.45E+00 | | 0.38E+00 | 0.77E+00 | 0.24E+01 |
| AU-197(P,15P32N)TB-151 | | | 0.12E+02 | 0.32E+01 | | 0.11E+02 | 0.18E+01 | 0.36E+01 | | | 0.18E+01 | 0.78E+01 | 0.34E+02 | 0.52E+01 | 0.38E+01 |
| | | | 0.81E+00 | 0.10E+01 | | 0.26E+01 | 0.55E+00 | 0.78E+00 | | | 0.50E+00 | 0.78E+01 | 0.11E+02 | 0.54E+00 | 0.11E+01 |
| | | | 0.42E+02 | 0.66E+01 | | 0.85E+02 | 0.27E+01 | 0.58E+01 | | | 0.25E+01 | 0.78E+01 | 0.11E+03 | 0.63E+02 | 0.66E+01 |
| AU-197(P,15P30N)TB-153 | | | 0.24E+01 | 0.27E+01 | | 0.48E+01 | 0.15E+01 | 0.33E+01 | 0.19E+01 | | 0.17E+01 | 0.18E+02 | 0.38E+02 | 0.26E+01 | 0.25E+01 |
| | | | 0.89E-01 | 0.16E+00 | | 0.27E+01 | 0.46E+00 | 0.87E-01 | 0.34E+00 | | 0.39E+00 | 0.14E+02 | 0.93E+01 | 0.19E+00 | 0.25E+00 |
| | | | 0.14E+01 | 0.19E+01 | | 0.10E+02 | 0.13E+01 | 0.19E+01 | 0.28E+01 | | 0.15E+01 | 0.25E+02 | 0.80E+02 | 0.16E+01 | 0.24E+01 |
| AU-197(P,15P28N)TB-155 | | | 0.27E+01 | | | | 0.45E+02 | 0.38E+01 | 0.28E+01 | | | | | | 0.32E+01 |
| | | | 0.22E+00 | | | | 0.36E+02 | 0.22E+00 | 0.19E+00 | | | | | | 0.28E+00 |
| | | | 0.26E+01 | | | | 0.56E+02 | 0.45E+01 | 0.31E+01 | | | | | | 0.46E+01 |
| AU-197(P,12P26N)ER-160 | | | | | | | 0.15E+02 | 0.86E+01 | 0.18E+01 | | | | | | 0.45E+01 |
| | | | | | | | 0.42E+01 | 0.99E+00 | 0.80E+00 | | | | | | 0.88E+00 |
| | | | | | | | 0.15E+03 | 0.18E+02 | 0.22E+01 | | | | | | 0.64E+01 |
| AU-197(P,11P22N)TM-165 | | | 0.25E+01 | 0.30E+01 | | 0.35E+01 | 0.16E+01 | 0.34E+01 | 0.15E+01 | | 0.13E+01 | 0.18E+01 | | 0.22E+01 | 0.27E+01 |
| | | | 0.19E+01 | 0.13E+01 | | 0.27E+01 | 0.96E+00 | 0.12E+01 | 0.11E+01 | | 0.10E+01 | 0.18E+01 | | 0.11E+01 | 0.12E+01 |
| | | | 0.29E+01 | 0.46E+01 | | 0.67E+01 | 0.22E+01 | 0.44E+01 | 0.19E+01 | | 0.16E+01 | 0.18E+01 | | 0.29E+01 | 0.36E+01 |
| AU-197(P,11P20N)TM-167 | | | 0.28E+01 | 0.29E+01 | | 0.53E+01 | 0.22E+01 | 0.34E+01 | 0.15E+01 | | 0.17E+01 | 0.31E+01 | 0.10E+02 | 0.27E+01 | 0.25E+01 |
| | | | 0.13E+01 | 0.37E+00 | | 0.17E+01 | 0.93E+00 | 0.11E+01 | 0.72E+00 | | 0.12E+01 | 0.18E+01 | 0.60E+01 | 0.58E+00 | 0.21E+00 |
| | | | 0.37E+01 | 0.46E+01 | | 0.26E+02 | 0.69E+01 | 0.62E+01 | 0.25E+01 | | 0.21E+01 | 0.97E+01 | 0.13E+02 | 0.44E+01 | 0.27E+01 |
| AU-197(P,11P19N)TM-168 | | | 0.36E+01 | | | 0.54E+01 | 0.51E+01 | 0.13E+01 | 0.69E+01 | | 0.65E+01 | | | 0.21E+01 | 0.97E+01 |
| | | | 0.11E+00 | | | 0.14E+01 | 0.43E+00 | 0.73E+00 | 0.53E+00 | | 0.77E+00 | | | 0.23E+00 | 0.55E-01 |
| | | | 0.14E+01 | | | 0.11E+02 | 0.12E+02 | 0.98E+00 | 0.14E+02 | | 0.19E+02 | | | 0.80E+00 | 0.16E+00 |
| AU-197(P,10P22N)YB-166 | | | 0.24E+01 | 0.29E+01 | | 0.45E+01 | 0.23E+01 | 0.30E+01 | 0.15E+01 | | 0.22E+01 | 0.20E+01 | 0.21E+01 | 0.24E+01 | 0.29E+01 |
| | | | 0.11E+01 | 0.18E+00 | | 0.14E+01 | 0.76E+00 | 0.37E+00 | 0.40E+00 | | 0.64E+00 | 0.90E+00 | 0.18E+01 | 0.17E+00 | 0.19E+00 |
| | | | 0.34E+01 | 0.34E+01 | | 0.28E+02 | 0.75E+01 | 0.58E+01 | 0.18E+01 | | 0.78E+01 | 0.43E+01 | 0.24E+01 | 0.22E+01 | 0.35E+01 |
| AU-197(P,10P19N)YB-169 | | | 0.23E+01 | 0.24E+01 | | 0.32E+01 | 0.19E+01 | 0.27E+01 | 0.61E+02 | | 0.13E+01 | 0.42E+01 | 0.98E+01 | 0.22E+01 | 0.24E+01 |
| | | | 0.12E+01 | 0.15E+00 | | 0.18E+01 | 0.60E+00 | 0.95E+00 | 0.25E+02 | | 0.70E+00 | 0.22E+01 | 0.78E+01 | 0.19E+00 | 0.17E+00 |
| | | | 0.32E+01 | 0.22E+01 | | 0.70E+01 | 0.39E+01 | 0.48E+01 | 0.11E+03 | | 0.16E+01 | 0.63E+01 | 0.12E+02 | 0.22E+01 | 0.26E+01 |

Table 8, part II: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\text{min}} \rangle$ and F_{max} .

| reaction | contribution | GL12 | IS11 | KA11 | KO11 | LA11 | MA11 | MI11 | MI21 | SH11 | SH21 | SH31 | SO11 | TA11 | YO11 |
|-----------------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| AU-197(P,9P20N)LU-169 | | | 0.27E+01 | 0.29E+01 | | 0.41E+01 | 0.24E+01 | 0.30E+01 | 0.17E+01 | | 0.16E+01 | 0.30E+01 | 0.15E+02 | 0.28E+01 | 0.30E+01 |
| | | | 0.18E+01 | 0.11E+00 | | 0.13E+01 | 0.11E+01 | 0.27E+00 | 0.33E+00 | | 0.10E+01 | 0.14E+01 | 0.13E+02 | 0.15E+00 | 0.18E+00 |
| | | | 0.36E+01 | 0.24E+01 | | 0.78E+01 | 0.50E+01 | 0.54E+01 | 0.21E+01 | | 0.28E+01 | 0.40E+01 | 0.17E+02 | 0.38E+01 | 0.37E+01 |
| AU-197(P,9P19N)LU-170 | | | 0.18E+01 | 0.25E+01 | | 0.39E+01 | 0.14E+01 | 0.22E+01 | | | 0.14E+01 | 0.29E+01 | 0.12E+02 | 0.22E+01 | 0.22E+01 |
| | | | 0.86E+00 | 0.22E+00 | | 0.17E+01 | 0.57E+00 | 0.20E+00 | | | 0.60E+00 | 0.23E+01 | 0.60E+01 | 0.23E+00 | 0.25E+00 |
| | | | 0.23E+01 | 0.26E+01 | | 0.87E+01 | 0.12E+01 | 0.31E+01 | | | 0.22E+01 | 0.36E+01 | 0.19E+02 | 0.22E+01 | 0.28E+01 |
| AU-197(P,9P18N)LU-171 | | | 0.42E+01 | 0.35E+01 | | 0.61E+01 | 0.17E+01 | 0.23E+01 | 0.20E+01 | | 0.19E+01 | 0.76E+01 | 0.22E+02 | 0.33E+01 | 0.35E+01 |
| | | | 0.16E-01 | 0.64E-01 | | 0.33E+01 | 0.67E+00 | 0.45E+00 | 0.14E+00 | | 0.12E+01 | 0.40E+01 | 0.18E+02 | 0.80E-01 | 0.57E-01 |
| | | | 0.60E+01 | 0.33E+01 | | 0.15E+02 | 0.25E+01 | 0.40E+01 | 0.18E+01 | | 0.24E+01 | 0.11E+02 | 0.26E+02 | 0.67E+01 | 0.32E+01 |
| AU-197(P,9P16N)LU-173 | | | 0.46E+01 | 0.33E+01 | | 0.21E+02 | 0.24E+01 | 0.37E+01 | 0.17E+03 | | 0.19E+01 | | 0.61E+01 | 0.32E+01 | 0.34E+01 |
| | | | 0.60E-01 | 0.69E-01 | | 0.24E+01 | 0.12E+01 | 0.16E+01 | 0.29E+02 | | 0.93E+00 | | 0.61E+01 | 0.12E+00 | 0.68E-01 |
| | | | 0.12E+02 | 0.40E+01 | | 0.60E+02 | 0.33E+01 | 0.70E+01 | 0.39E+03 | | 0.27E+01 | | 0.61E+01 | 0.44E+01 | 0.43E+01 |
| AU-197(P,8P18N)HF-172 | 0.20E+01 | 0.41E+01 | 0.37E+01 | | 0.16E+01 | 0.29E+01 | 0.24E+01 | 0.23E+01 | | 0.15E+01 | 0.15E+01 | 0.35E+01 | 0.34E+01 | 0.37E+01 | |
| | 0.42E+00 | 0.12E-01 | 0.44E-01 | | 0.89E+00 | 0.53E+00 | 0.18E+00 | 0.80E-01 | | 0.33E+00 | 0.37E+00 | 0.23E+01 | 0.45E-01 | 0.34E-01 | |
| | 0.31E+01 | 0.62E+01 | 0.37E+01 | | 0.26E+01 | 0.26E+02 | 0.35E+01 | 0.14E+01 | | 0.12E+01 | 0.12E+01 | 0.58E+01 | 0.22E+01 | 0.29E+01 | |
| AU-197(P,8P17N)HF-173 | 0.74E+01 | 0.27E+01 | 0.27E+01 | | 0.34E+01 | 0.36E+01 | 0.18E+01 | 0.19E+01 | | 0.43E+01 | 0.15E+01 | 0.81E+01 | 0.24E+01 | 0.24E+01 | |
| | 0.28E+01 | 0.41E+00 | 0.95E-01 | | 0.98E+00 | 0.68E+00 | 0.69E+00 | 0.30E+00 | | 0.49E+00 | 0.15E+01 | 0.34E+01 | 0.13E+00 | 0.11E+00 | |
| | 0.13E+02 | 0.74E+01 | 0.24E+01 | | 0.62E+01 | 0.17E+02 | 0.28E+01 | 0.27E+01 | | 0.86E+02 | 0.15E+01 | 0.18E+02 | 0.26E+01 | 0.22E+01 | |
| AU-197(P,8P15N)HF-175 | 0.17E+01 | 0.27E+01 | 0.25E+01 | | 0.20E+01 | 0.51E+01 | 0.23E+01 | 0.17E+01 | | 0.29E+01 | 0.15E+01 | 0.35E+01 | 0.28E+01 | 0.25E+01 | |
| | 0.44E+00 | 0.75E-01 | 0.11E+00 | | 0.31E+00 | 0.94E+00 | 0.13E+01 | 0.48E+00 | | 0.13E+01 | 0.71E+00 | 0.22E+01 | 0.21E+00 | 0.99E-01 | |
| | 0.26E+01 | 0.46E+01 | 0.30E+01 | | 0.41E+01 | 0.77E+02 | 0.35E+01 | 0.34E+01 | | 0.17E+02 | 0.22E+01 | 0.58E+01 | 0.43E+01 | 0.26E+01 | |
| AU-197(P,7P9N)TA-182 | | | | | | 0.39E+01 | | | | | | | | | |
| | | | | | | 0.25E+01 | | | | | | | | | |
| | | | | | | 0.53E+01 | | | | | | | | | |
| AU-197(P,6P14N)W-178 | | | | | | 0.57E+01 | 0.15E+02 | 0.24E+01 | | | | | | 0.39E+01 | |
| | | | | | | 0.50E+01 | 0.63E+01 | 0.20E+01 | | | | | | 0.28E+01 | |
| | | | | | | 0.66E+01 | 0.49E+02 | 0.29E+01 | | | | | | 0.47E+01 | |
| AU-197(P,5P12N)RE-181 | 0.16E+01 | 0.22E+01 | 0.20E+01 | | 0.19E+01 | 0.18E+01 | 0.22E+01 | 0.27E+01 | | 0.17E+01 | 0.20E+01 | 0.39E+01 | 0.19E+01 | 0.20E+01 | |
| | 0.48E+00 | 0.74E+00 | 0.50E+00 | | 0.92E+00 | 0.78E+00 | 0.82E+00 | 0.10E+01 | | 0.11E+01 | 0.14E+01 | 0.18E+01 | 0.61E+00 | 0.64E+00 | |
| | 0.20E+01 | 0.37E+01 | 0.42E+01 | | 0.30E+01 | 0.33E+01 | 0.41E+01 | 0.65E+01 | | 0.30E+01 | 0.33E+01 | 0.11E+02 | 0.32E+01 | 0.38E+01 | |
| AU-197(P,5P11N)RE-182 | | 0.64E+01 | 0.65E+01 | | 0.69E+02 | 0.70E+01 | 0.38E+01 | | | 0.34E+01 | 0.35E+01 | 0.24E+01 | 0.57E+01 | 0.10E+02 | |
| | | 0.45E-01 | 0.33E-01 | | 0.26E-02 | 0.36E-01 | 0.16E+00 | | | 0.10E+00 | 0.20E+00 | 0.87E+00 | 0.43E-01 | 0.18E-01 | |
| | | 0.47E+00 | 0.13E+01 | | 0.48E-01 | 0.68E+00 | 0.68E+00 | | | 0.88E+00 | 0.49E+00 | 0.45E+01 | 0.96E+00 | 0.54E+00 | |
| AU-197(P,5P10N)RE-183 | 0.16E+01 | 0.15E+01 | 0.15E+01 | | 0.14E+01 | 0.14E+01 | 0.19E+01 | 0.46E+02 | | 0.12E+01 | 0.12E+01 | 0.11E+01 | 0.16E+01 | 0.17E+01 | |
| | 0.62E+00 | 0.86E+00 | 0.63E+00 | | 0.43E+00 | 0.87E+00 | 0.11E+01 | 0.73E+01 | | 0.79E+00 | 0.73E+00 | 0.79E+00 | 0.73E+00 | 0.85E+00 | |
| | 0.20E+01 | 0.20E+01 | 0.21E+01 | | 0.11E+01 | 0.19E+01 | 0.27E+01 | 0.23E+03 | | 0.16E+01 | 0.11E+01 | 0.12E+01 | 0.21E+01 | 0.24E+01 | |
| AU-197(P,4P12N)OS-182 | 0.19E+01 | 0.19E+01 | 0.17E+01 | | 0.16E+01 | 0.16E+01 | 0.21E+01 | 0.24E+01 | | 0.13E+01 | 0.15E+01 | 0.13E+01 | 0.17E+01 | 0.20E+01 | |
| | 0.37E+00 | 0.64E+00 | 0.41E+00 | | 0.40E+00 | 0.72E+00 | 0.69E+00 | 0.99E+00 | | 0.67E+00 | 0.42E+00 | 0.63E+00 | 0.46E+00 | 0.60E+00 | |
| | 0.19E+01 | 0.33E+01 | 0.27E+01 | | 0.14E+01 | 0.26E+01 | 0.43E+01 | 0.34E+01 | | 0.18E+01 | 0.95E+00 | 0.16E+01 | 0.28E+01 | 0.36E+01 | |
| AU-197(P,4P9N)OS-185 | 0.16E+01 | 0.16E+01 | 0.22E+01 | | 0.14E+01 | 0.16E+01 | 0.22E+01 | 0.16E+01 | | 0.14E+01 | 0.12E+01 | 0.14E+01 | 0.18E+01 | 0.20E+01 | |
| | 0.74E+00 | 0.66E+00 | 0.11E+01 | | 0.49E+00 | 0.63E+00 | 0.93E+00 | 0.36E+00 | | 0.62E+00 | 0.62E+00 | 0.61E+00 | 0.91E+00 | 0.11E+01 | |

Table 8, part II: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\text{min}} \rangle$ and F_{max} .

| reaction | contribution | GL12 | IS11 | KA11 | KO11 | LA11 | MA11 | MI11 | MI21 | SH11 | SH21 | SH31 | SO11 | TA11 | YO11 |
|-----------------------|--------------|----------|----------|----------|------|----------|----------|----------|----------|------|----------|----------|----------|----------|----------|
| | | 0.22E+01 | 0.27E+01 | 0.45E+01 | | 0.15E+01 | 0.29E+01 | 0.32E+01 | 0.14E+01 | | 0.21E+01 | 0.12E+01 | 0.19E+01 | 0.27E+01 | 0.32E+01 |
| AU-197(P,4P3N)OS-191 | | | 0.44E+01 | 0.84E+01 | | 0.18E+02 | 0.51E+01 | 0.27E+02 | | | 0.16E+02 | 0.15E+02 | 0.27E+02 | 0.11E+02 | 0.20E+02 |
| | | | 0.12E+01 | 0.20E+01 | | 0.24E+01 | 0.11E+01 | 0.17E+01 | | | 0.93E+00 | 0.53E+01 | 0.96E+00 | 0.20E+01 | 0.17E+01 |
| | | | 0.89E+01 | 0.21E+02 | | 0.55E+02 | 0.71E+01 | 0.12E+03 | | | 0.59E+02 | 0.37E+02 | 0.69E+02 | 0.21E+02 | 0.41E+02 |
| AU-197(P,3P10N)IR-185 | | 0.16E+01 | 0.19E+01 | 0.18E+01 | | 0.22E+01 | 0.15E+01 | 0.18E+01 | 0.32E+01 | | 0.17E+01 | 0.15E+01 | 0.19E+01 | 0.17E+01 | 0.18E+01 |
| | | 0.38E+00 | 0.25E+00 | 0.46E+00 | | 0.17E+00 | 0.40E+00 | 0.42E+00 | 0.72E-01 | | 0.28E+00 | 0.50E+00 | 0.23E+00 | 0.35E+00 | 0.47E+00 |
| | | 0.17E+01 | 0.23E+01 | 0.24E+01 | | 0.10E+01 | 0.15E+01 | 0.26E+01 | 0.21E+01 | | 0.14E+01 | 0.14E+01 | 0.13E+01 | 0.22E+01 | 0.24E+01 |
| AU-197(P,3P9N)IR-186 | | 0.23E+01 | 0.19E+01 | 0.32E+01 | | 0.29E+01 | 0.22E+01 | 0.32E+01 | 0.35E+01 | | 0.38E+01 | 0.39E+01 | 0.70E+01 | 0.28E+01 | 0.22E+01 |
| | | 0.25E+00 | 0.15E+01 | 0.22E+01 | | 0.23E+00 | 0.14E+01 | 0.20E+01 | 0.13E+00 | | 0.25E+01 | 0.26E+01 | 0.21E+01 | 0.22E+01 | 0.17E+01 |
| | | 0.10E+01 | 0.31E+01 | 0.50E+01 | | 0.71E+00 | 0.34E+01 | 0.49E+01 | 0.49E+00 | | 0.76E+01 | 0.63E+01 | 0.36E+02 | 0.37E+01 | 0.31E+01 |
| AU-197(P,3P8N)IR-187 | | 0.17E+01 | 0.24E+01 | 0.21E+01 | | 0.13E+01 | 0.17E+01 | 0.23E+01 | 0.14E+01 | | 0.14E+01 | 0.13E+01 | 0.14E+01 | 0.16E+01 | 0.18E+01 |
| | | 0.13E+01 | 0.20E+01 | 0.13E+01 | | 0.66E+00 | 0.85E+00 | 0.18E+01 | 0.64E+00 | | 0.72E+00 | 0.75E+00 | 0.77E+00 | 0.11E+01 | 0.12E+01 |
| | | 0.21E+01 | 0.29E+01 | 0.30E+01 | | 0.13E+01 | 0.26E+01 | 0.32E+01 | 0.17E+01 | | 0.18E+01 | 0.14E+01 | 0.18E+01 | 0.21E+01 | 0.24E+01 |
| AU-197(P,3P7N)IR-188 | | 0.83E+02 | 0.23E+01 | 0.33E+01 | | 0.24E+01 | 0.22E+01 | 0.33E+01 | 0.80E+01 | | 0.26E+01 | 0.27E+01 | 0.28E+01 | 0.30E+01 | 0.25E+01 |
| | | 0.42E+02 | 0.13E+01 | 0.16E+01 | | 0.77E+00 | 0.11E+01 | 0.17E+01 | 0.36E+01 | | 0.13E+01 | 0.13E+01 | 0.12E+01 | 0.16E+01 | 0.13E+01 |
| | | 0.18E+03 | 0.56E+01 | 0.76E+01 | | 0.58E+01 | 0.44E+01 | 0.69E+01 | 0.20E+02 | | 0.58E+01 | 0.49E+01 | 0.68E+01 | 0.70E+01 | 0.59E+01 |
| AU-197(P,3P6N)IR-189 | | 0.15E+01 | 0.17E+01 | 0.23E+01 | | 0.14E+01 | 0.20E+01 | 0.26E+01 | 0.13E+01 | | 0.16E+01 | 0.11E+01 | 0.17E+01 | 0.19E+01 | 0.19E+01 |
| | | 0.93E+00 | 0.99E+00 | 0.88E+00 | | 0.71E+00 | 0.73E+00 | 0.11E+01 | 0.83E+00 | | 0.70E+00 | 0.79E+00 | 0.80E+00 | 0.10E+01 | 0.97E+00 |
| | | 0.20E+01 | 0.28E+01 | 0.53E+01 | | 0.19E+01 | 0.44E+01 | 0.43E+01 | 0.20E+01 | | 0.33E+01 | 0.11E+01 | 0.33E+01 | 0.36E+01 | 0.36E+01 |
| AU-197(P,3P5N)IR-190 | | 0.84E+02 | 0.17E+01 | 0.14E+01 | | 0.14E+01 | 0.20E+01 | 0.17E+01 | 0.15E+01 | | 0.13E+01 | 0.15E+01 | 0.15E+01 | 0.14E+01 | 0.13E+01 |
| | | 0.45E+02 | 0.34E+00 | 0.51E+00 | | 0.33E+00 | 0.31E+00 | 0.65E+00 | 0.38E+00 | | 0.41E+00 | 0.29E+00 | 0.34E+00 | 0.52E+00 | 0.49E+00 |
| | | 0.17E+03 | 0.13E+01 | 0.20E+01 | | 0.13E+01 | 0.16E+01 | 0.24E+01 | 0.14E+01 | | 0.16E+01 | 0.10E+01 | 0.20E+01 | 0.17E+01 | 0.14E+01 |
| AU-197(P,3P3N)IR-192 | | 0.40E+03 | 0.18E+01 | 0.15E+01 | | 0.14E+01 | 0.18E+01 | 0.13E+01 | 0.33E+01 | | 0.13E+01 | 0.17E+01 | 0.15E+01 | 0.14E+01 | 0.14E+01 |
| | | 0.18E+03 | 0.28E+00 | 0.47E+00 | | 0.65E+00 | 0.30E+00 | 0.99E+00 | 0.13E+01 | | 0.65E+00 | 0.49E+00 | 0.49E+00 | 0.65E+00 | 0.10E+01 |
| | | 0.77E+03 | 0.14E+01 | 0.18E+01 | | 0.22E+01 | 0.13E+01 | 0.15E+01 | 0.62E+01 | | 0.13E+01 | 0.82E+00 | 0.15E+01 | 0.17E+01 | 0.20E+01 |
| AU-197(P,2P8N)PT-188 | | 0.14E+01 | 0.21E+01 | 0.24E+01 | | 0.13E+01 | 0.17E+01 | 0.28E+01 | 0.12E+01 | | 0.14E+01 | 0.11E+01 | 0.15E+01 | 0.17E+01 | 0.18E+01 |
| | | 0.88E+00 | 0.13E+01 | 0.11E+01 | | 0.68E+00 | 0.87E+00 | 0.11E+01 | 0.78E+00 | | 0.81E+00 | 0.82E+00 | 0.82E+00 | 0.11E+01 | 0.11E+01 |
| | | 0.17E+01 | 0.31E+01 | 0.62E+01 | | 0.16E+01 | 0.38E+01 | 0.49E+01 | 0.15E+01 | | 0.26E+01 | 0.10E+01 | 0.25E+01 | 0.27E+01 | 0.33E+01 |
| AU-197(P,2P7N)PT-189 | | 0.34E+01 | | 0.34E+01 | | | 0.29E+01 | 0.32E+01 | 0.19E+01 | | 0.21E+01 | 0.23E+01 | 0.23E+01 | 0.29E+01 | 0.27E+01 |
| | | 0.33E+01 | | 0.27E+01 | | | 0.24E+01 | 0.26E+01 | 0.90E+00 | | 0.16E+01 | 0.22E+01 | 0.17E+01 | 0.18E+01 | 0.19E+01 |
| | | 0.36E+01 | | 0.48E+01 | | | 0.41E+01 | 0.37E+01 | 0.26E+01 | | 0.30E+01 | 0.24E+01 | 0.31E+01 | 0.33E+01 | 0.31E+01 |
| AU-197(P,2P5N)PT-191 | | 0.14E+01 | 0.14E+01 | 0.19E+01 | | 0.12E+01 | 0.16E+01 | 0.16E+01 | 0.13E+01 | | 0.14E+01 | 0.11E+01 | 0.14E+01 | 0.14E+01 | 0.14E+01 |
| | | 0.12E+01 | 0.63E+00 | 0.94E+00 | | 0.77E+00 | 0.84E+00 | 0.98E+00 | 0.67E+00 | | 0.71E+00 | 0.79E+00 | 0.83E+00 | 0.11E+01 | 0.93E+00 |
| | | 0.16E+01 | 0.20E+01 | 0.38E+01 | | 0.11E+01 | 0.30E+01 | 0.23E+01 | 0.14E+01 | | 0.18E+01 | 0.98E+00 | 0.19E+01 | 0.20E+01 | 0.19E+01 |
| AU-197(P,4N)AU-193 | | | 0.21E+01 | 0.30E+01 | | 0.16E+01 | 0.25E+01 | 0.23E+01 | | | 0.18E+01 | 0.17E+01 | 0.24E+01 | 0.23E+01 | 0.21E+01 |
| | | | 0.81E+00 | 0.22E+01 | | 0.67E+00 | 0.20E+01 | 0.19E+01 | | | 0.14E+01 | 0.15E+01 | 0.14E+01 | 0.12E+01 | 0.12E+01 |
| | | | 0.33E+01 | 0.41E+01 | | 0.23E+01 | 0.29E+01 | 0.29E+01 | | | 0.22E+01 | 0.20E+01 | 0.36E+01 | 0.27E+01 | 0.26E+01 |
| AU-197(P,3N)AU-194 | | 0.20E+01 | 0.17E+01 | 0.24E+01 | | 0.14E+01 | 0.21E+01 | 0.19E+01 | 0.16E+01 | | 0.16E+01 | 0.13E+01 | 0.19E+01 | 0.17E+01 | 0.16E+01 |
| | | 0.12E+01 | 0.55E+00 | 0.15E+01 | | 0.66E+00 | 0.11E+01 | 0.99E+00 | 0.48E+00 | | 0.86E+00 | 0.89E+00 | 0.93E+00 | 0.10E+01 | 0.99E+00 |
| | | 0.37E+01 | 0.31E+01 | 0.40E+01 | | 0.21E+01 | 0.42E+01 | 0.35E+01 | 0.19E+01 | | 0.25E+01 | 0.20E+01 | 0.32E+01 | 0.30E+01 | 0.24E+01 |
| AU-197(P,2N)AU-195 | | 0.23E+01 | 0.16E+01 | 0.18E+01 | | 0.18E+01 | 0.21E+01 | 0.20E+01 | 0.18E+01 | | 0.16E+01 | 0.13E+01 | 0.19E+01 | 0.18E+01 | 0.17E+01 |

Table 8, part II: Average deviation factors of calculated from experimental data for energies between 201.0 and 5000.0 MeV. For each reaction three entries are given: $\langle F_{\text{min}} \rangle$ and F_{max} .

| reaction | contribution | GL12 | IS11 | KA11 | KO11 | LA11 | MA11 | MI11 | MI21 | SH11 | SH21 | SH31 | SO11 | TA11 | YO11 |
|--------------------|--------------|----------|----------|----------|------|----------|----------|----------|----------|------|----------|----------|----------|----------|----------|
| | | 0.14E+01 | 0.73E+00 | 0.13E+01 | | 0.11E+01 | 0.12E+01 | 0.12E+01 | 0.65E+00 | | 0.85E+00 | 0.95E+00 | 0.10E+01 | 0.11E+01 | 0.11E+01 |
| | | 0.37E+01 | 0.27E+01 | 0.22E+01 | | 0.27E+01 | 0.37E+01 | 0.33E+01 | 0.24E+01 | | 0.24E+01 | 0.17E+01 | 0.27E+01 | 0.23E+01 | 0.23E+01 |
| AU-197(P,PN)AU-196 | | 0.30E+01 | 0.13E+01 | 0.22E+01 | | 0.13E+01 | 0.13E+01 | 0.13E+01 | 0.12E+01 | | 0.12E+01 | 0.12E+01 | 0.13E+01 | 0.12E+01 | 0.12E+01 |
| | | 0.20E+01 | 0.68E+00 | 0.17E+01 | | 0.10E+01 | 0.86E+00 | 0.68E+00 | 0.85E+00 | | 0.75E+00 | 0.68E+00 | 0.10E+01 | 0.73E+00 | 0.80E+00 |
| | | 0.50E+01 | 0.15E+01 | 0.30E+01 | | 0.16E+01 | 0.19E+01 | 0.18E+01 | 0.14E+01 | | 0.13E+01 | 0.11E+01 | 0.18E+01 | 0.18E+01 | 0.14E+01 |